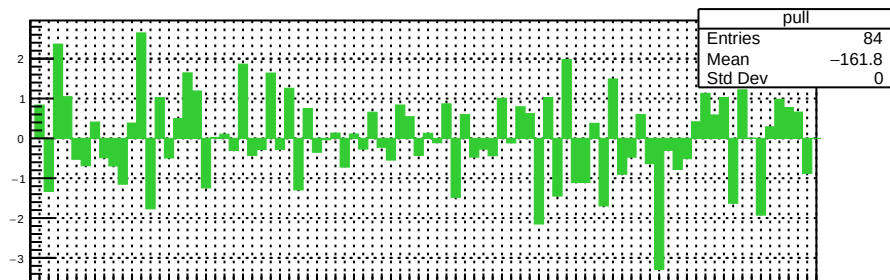
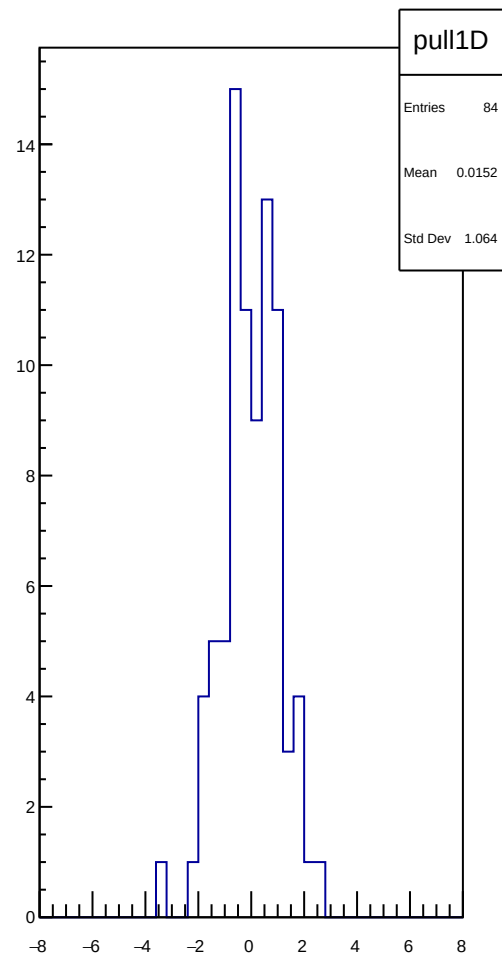
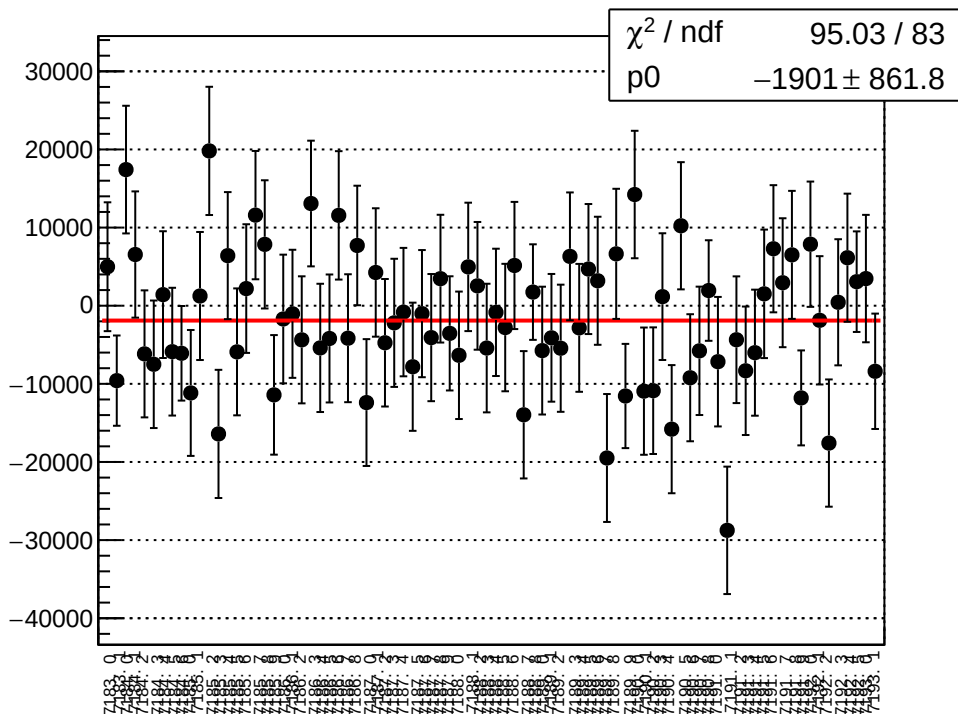
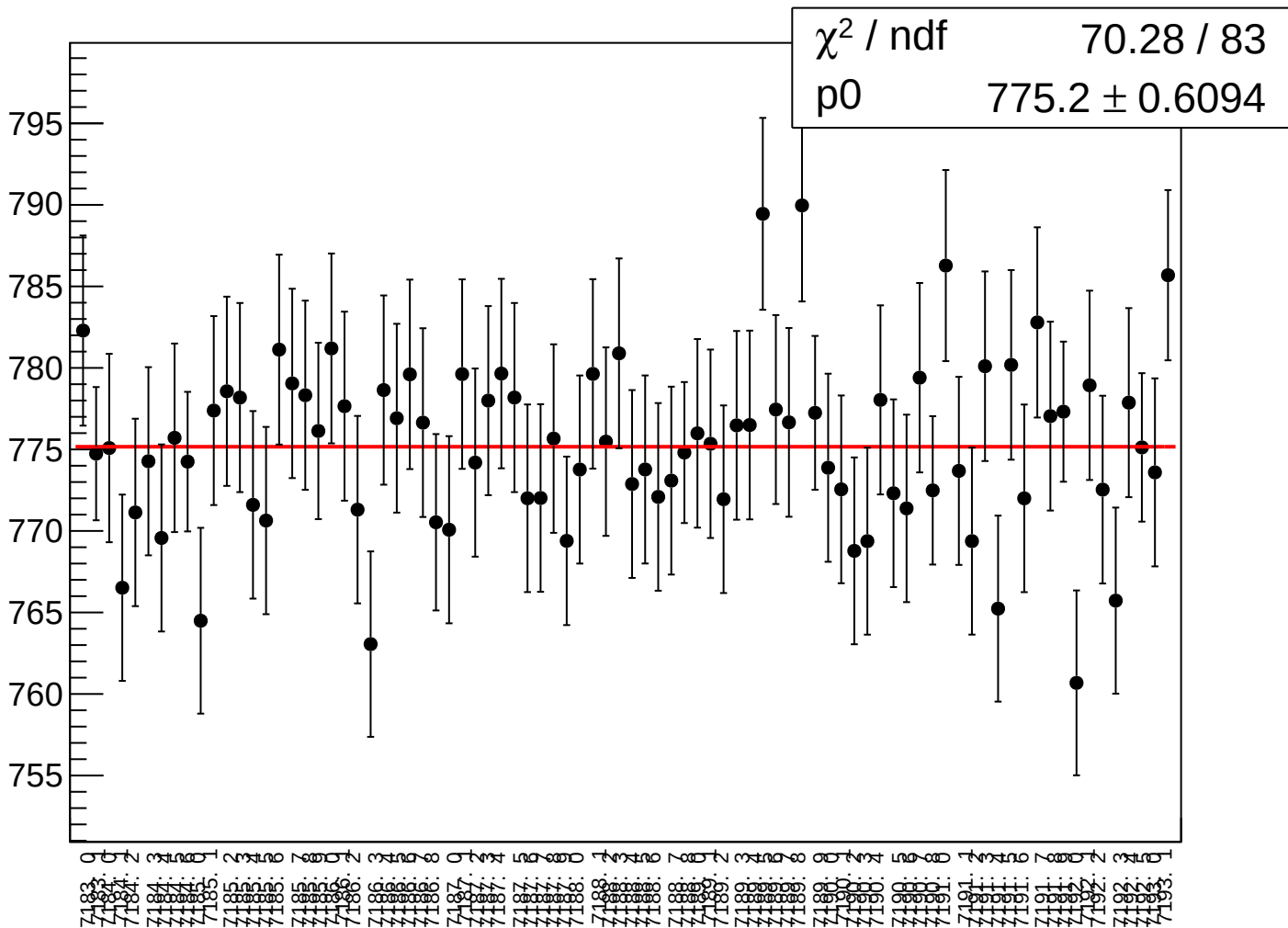


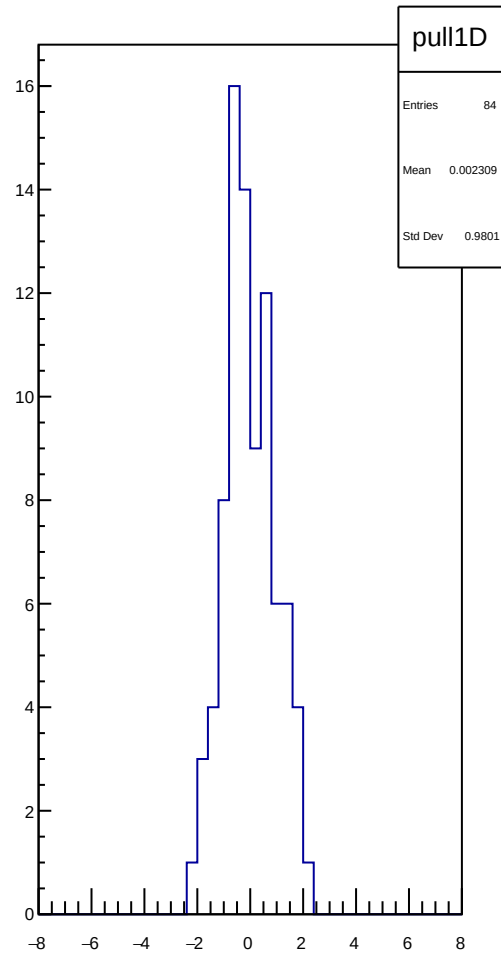
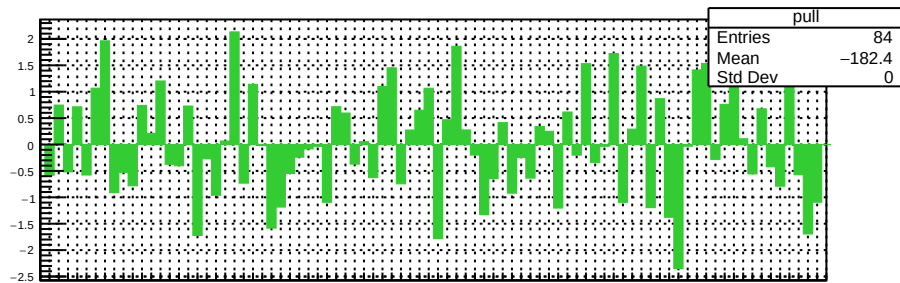
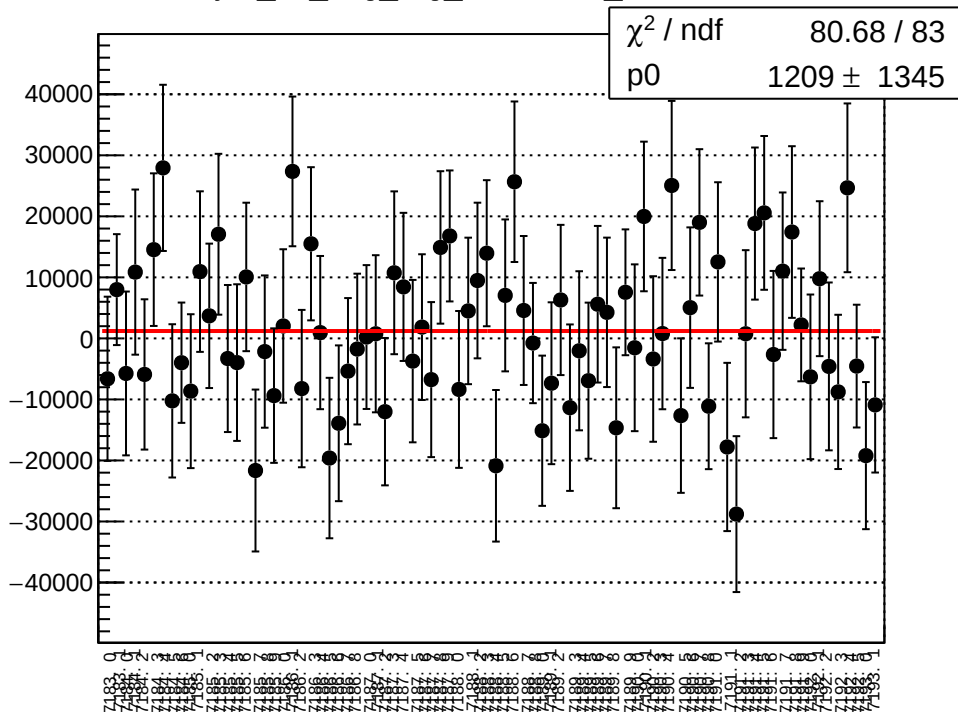
reg_asym_us_avg_mean vs run



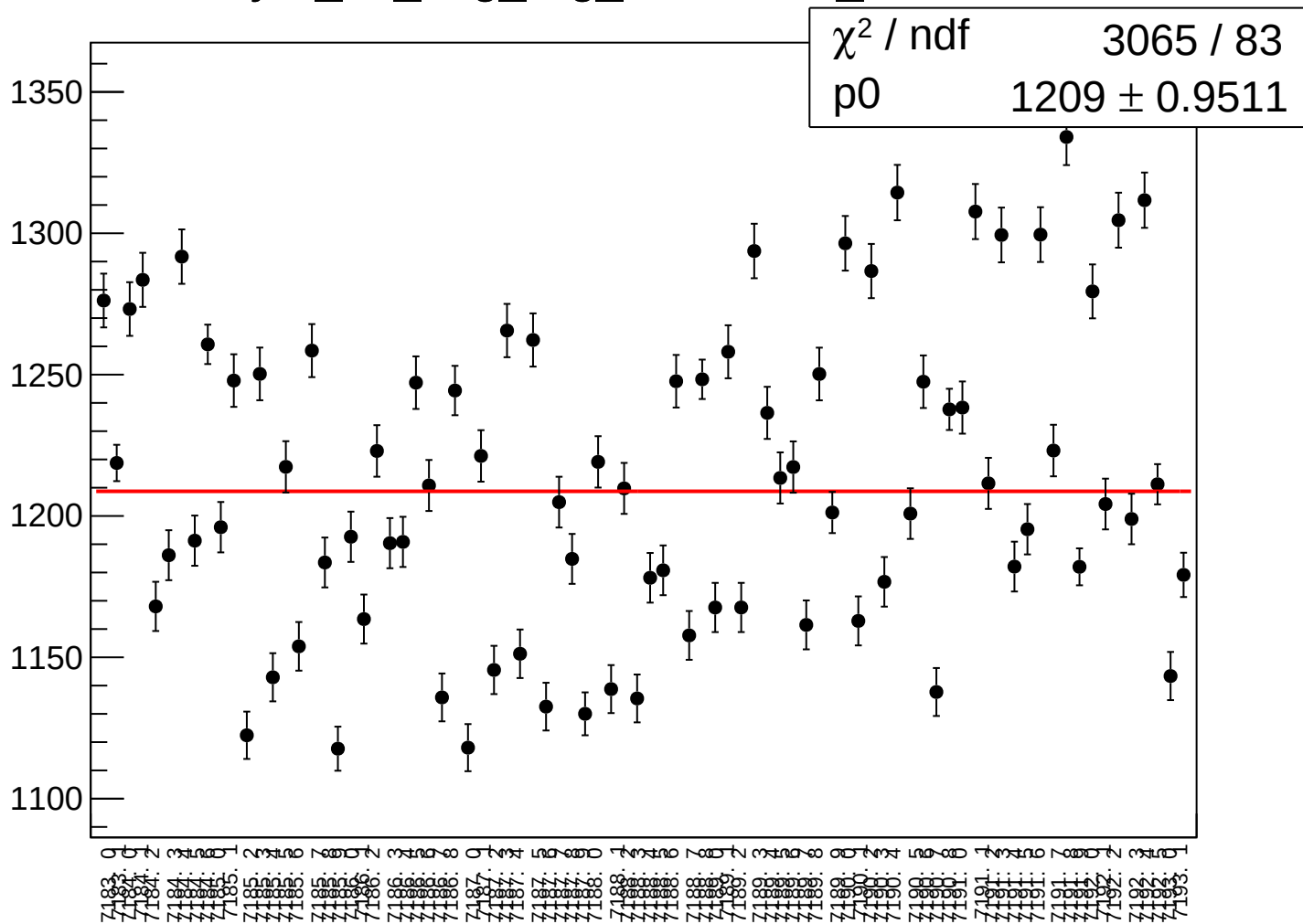
reg_asym_us_avg_rms vs run



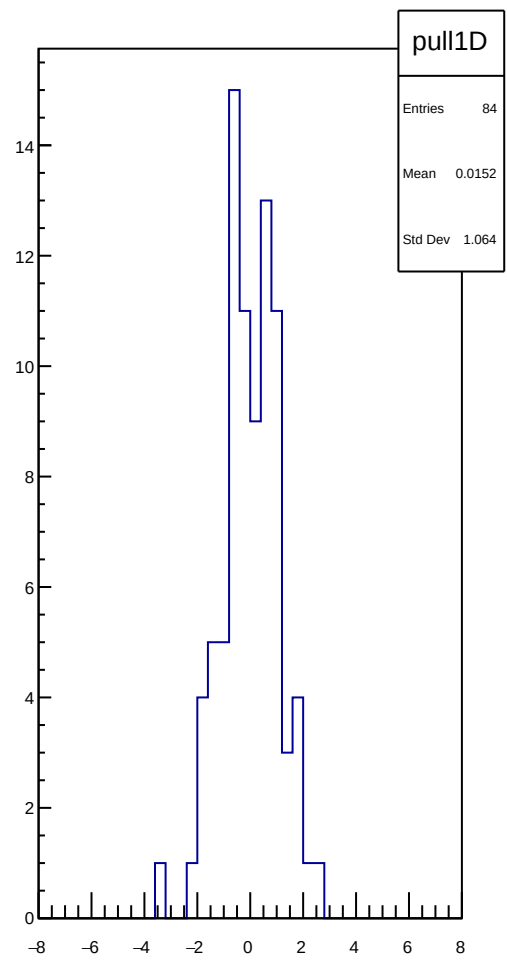
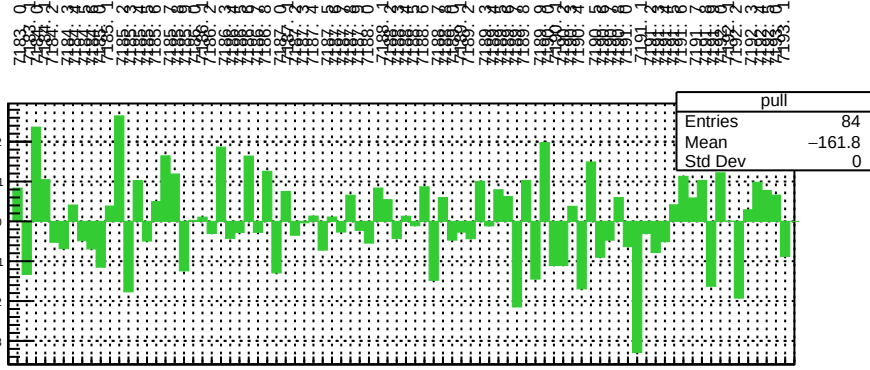
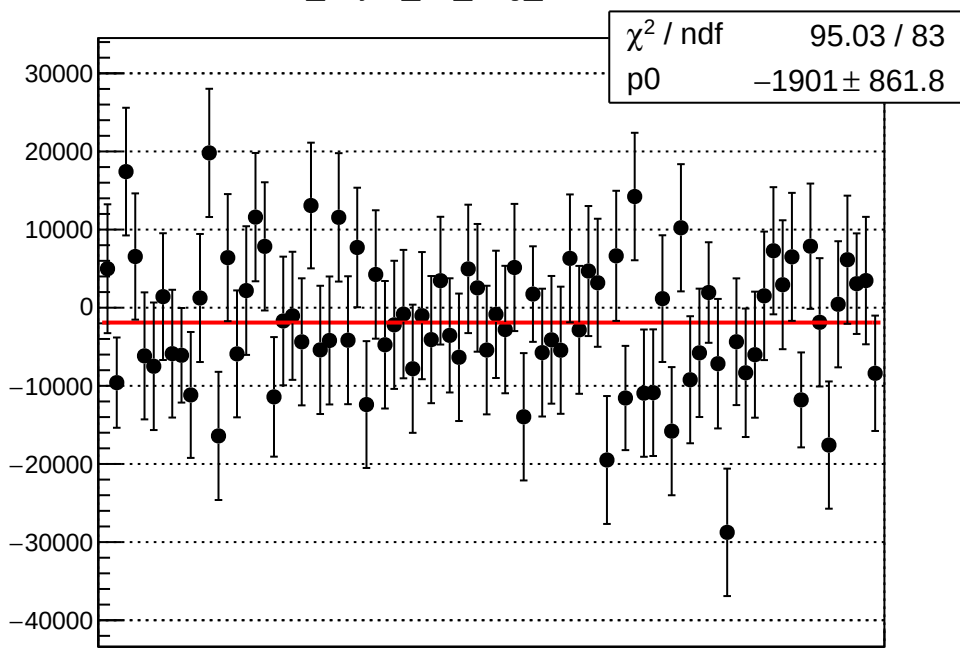
asym_us_avg_reg_correction_mean vs run



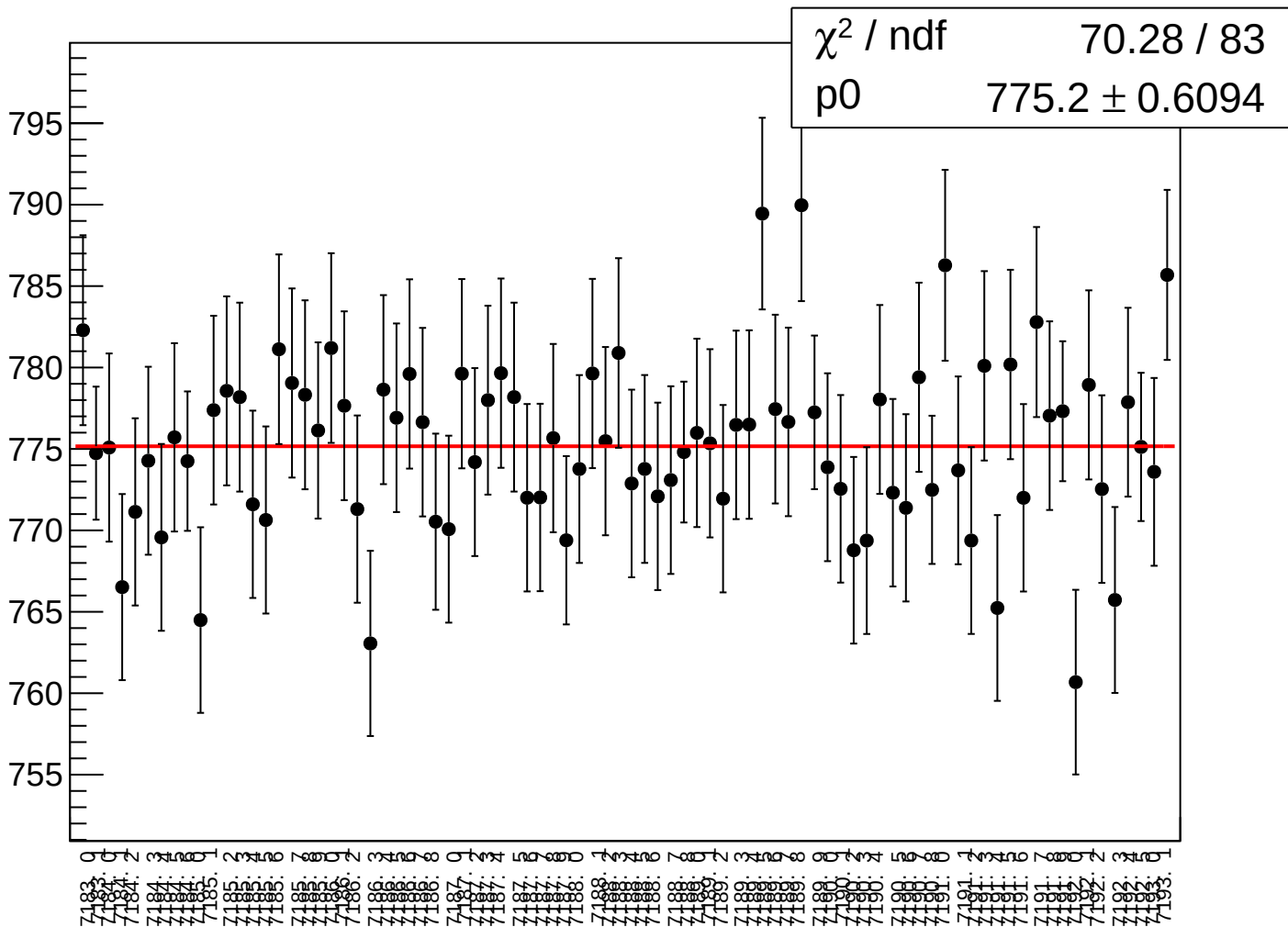
asym_us_avg_reg_correction_rms vs run



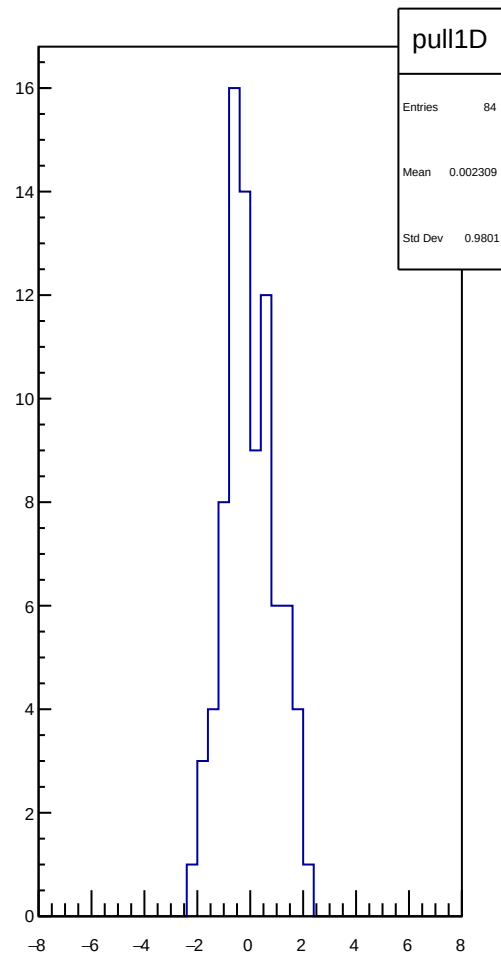
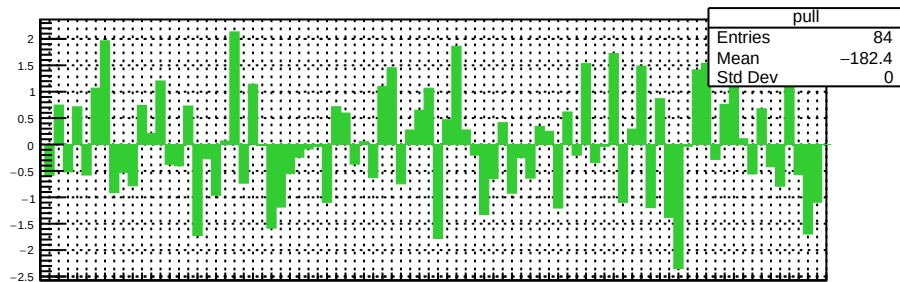
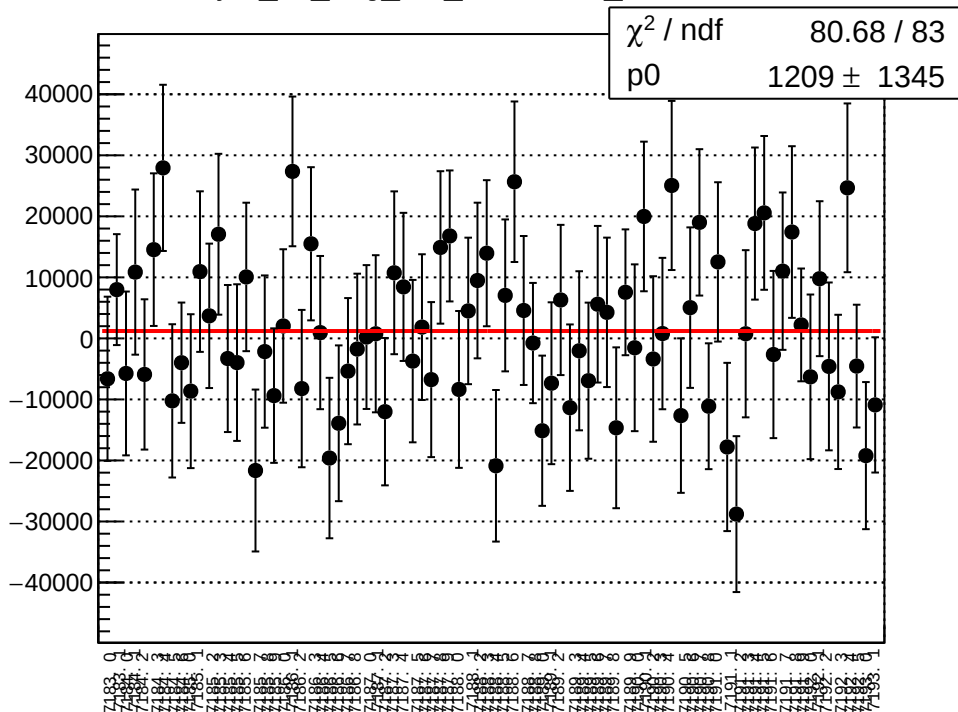
cor_asym_us_avg_mean vs run



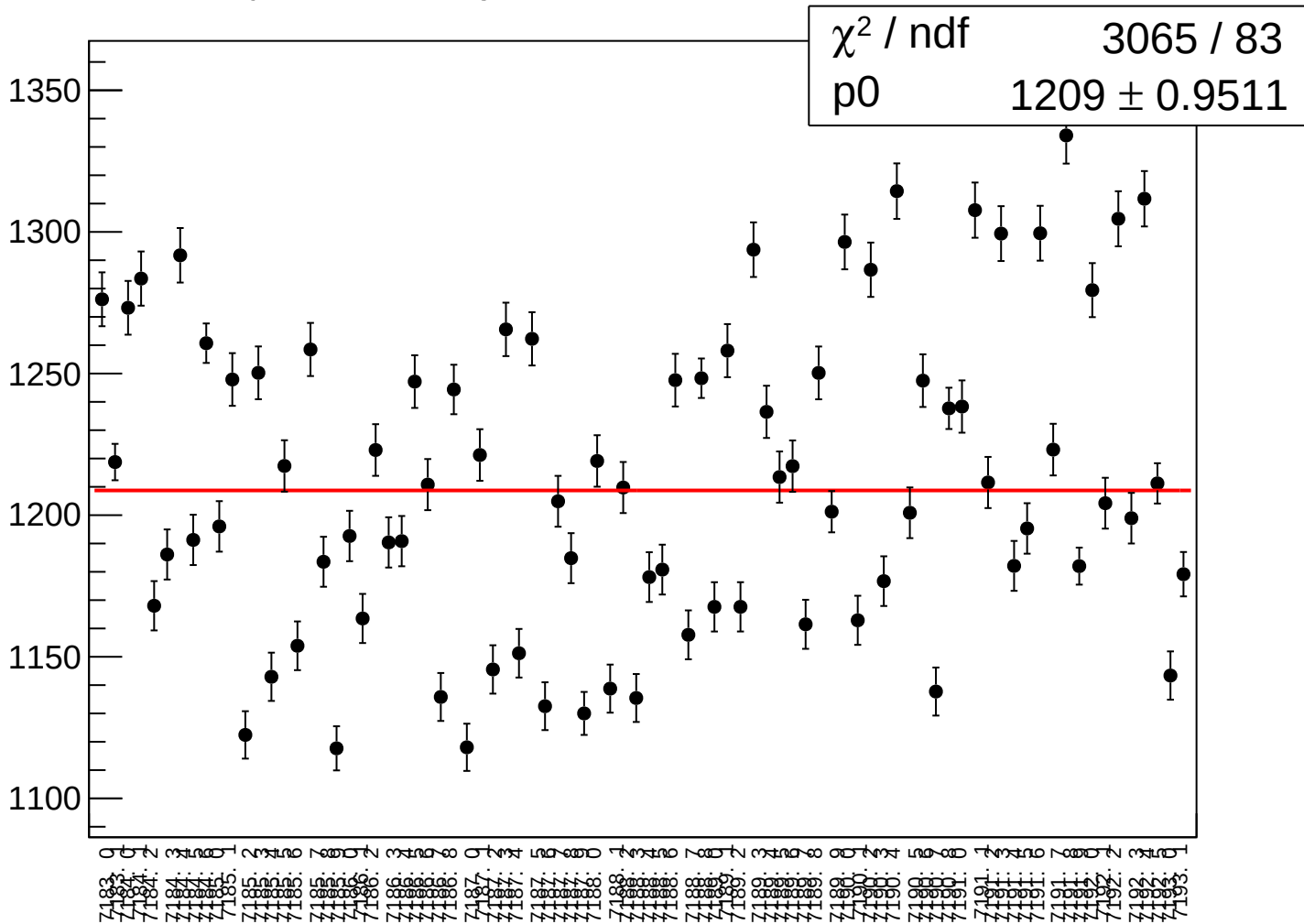
cor_asym_us_avg_rms vs run



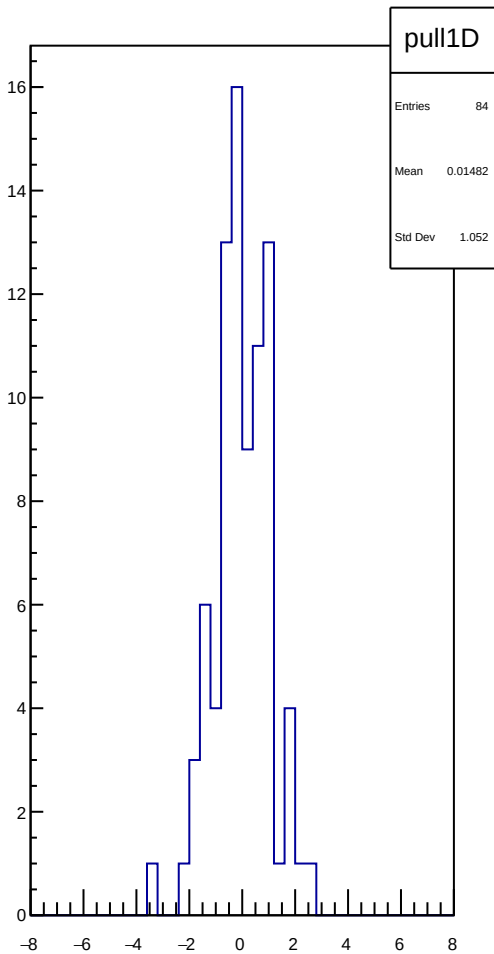
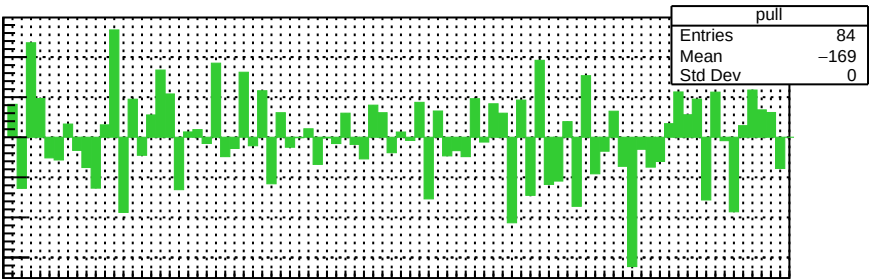
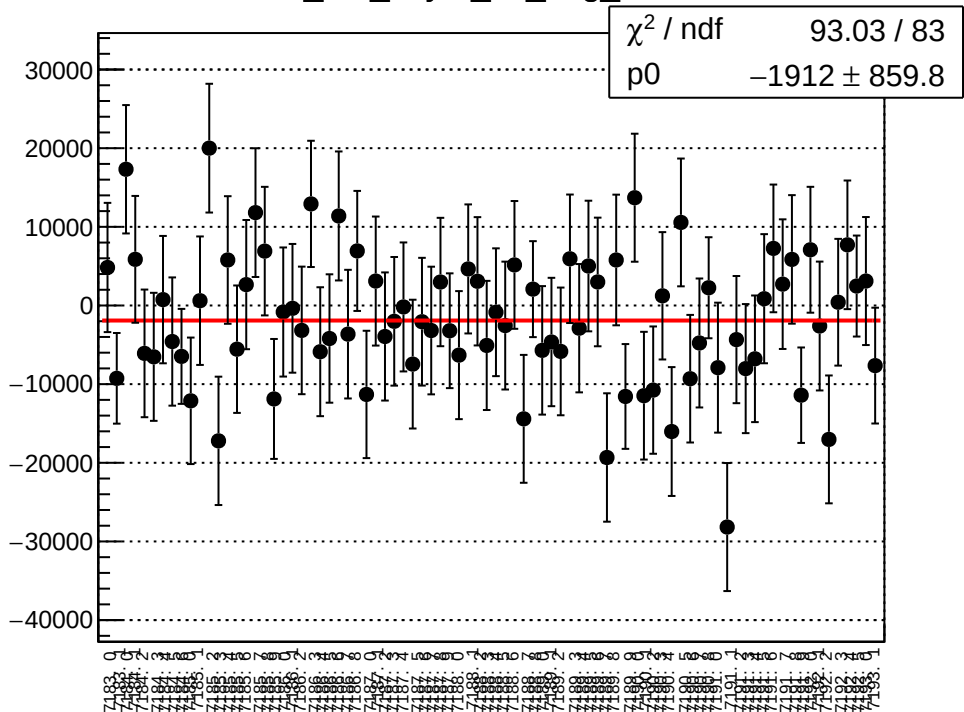
asym_us_avg_cor_correction_mean vs run



asym_us_avg_cor_correction_rms vs run



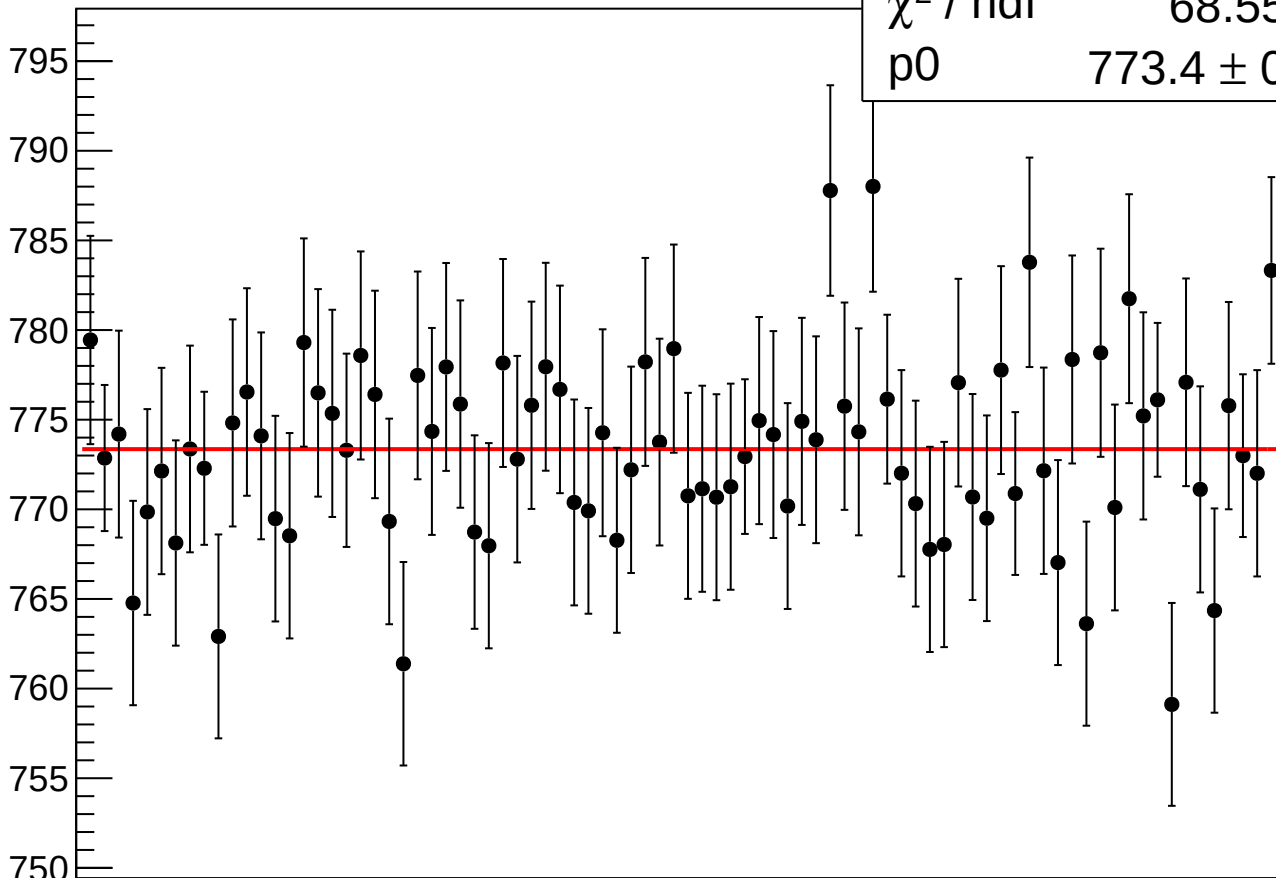
overload_cor_asym_us_avg_mean vs run



χ^2 / ndf

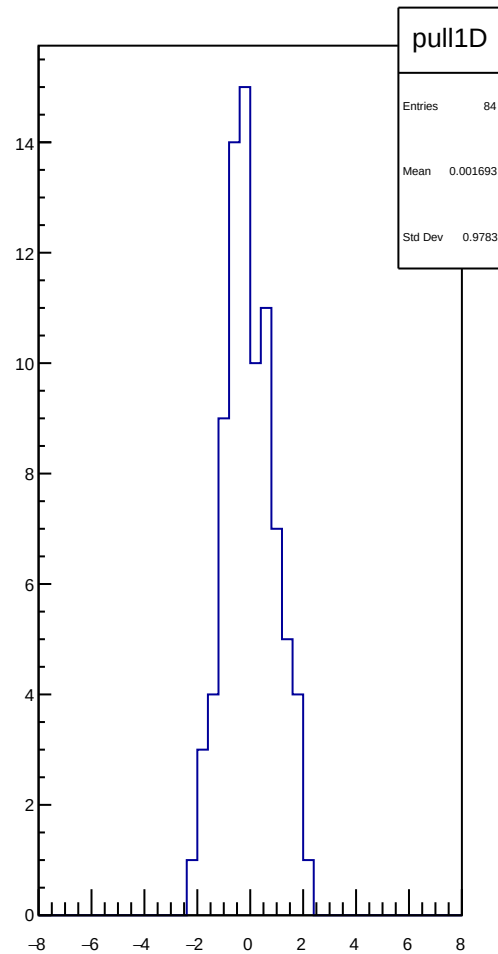
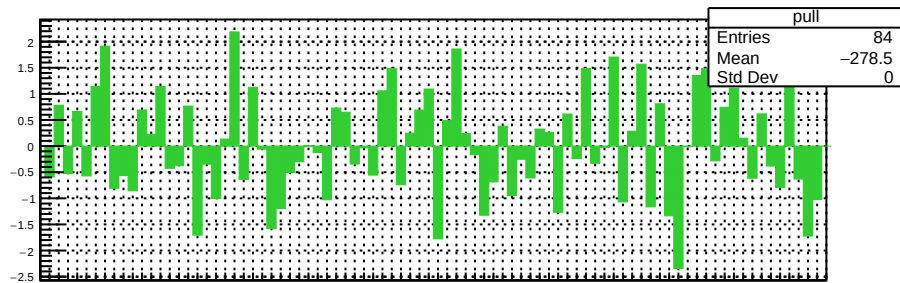
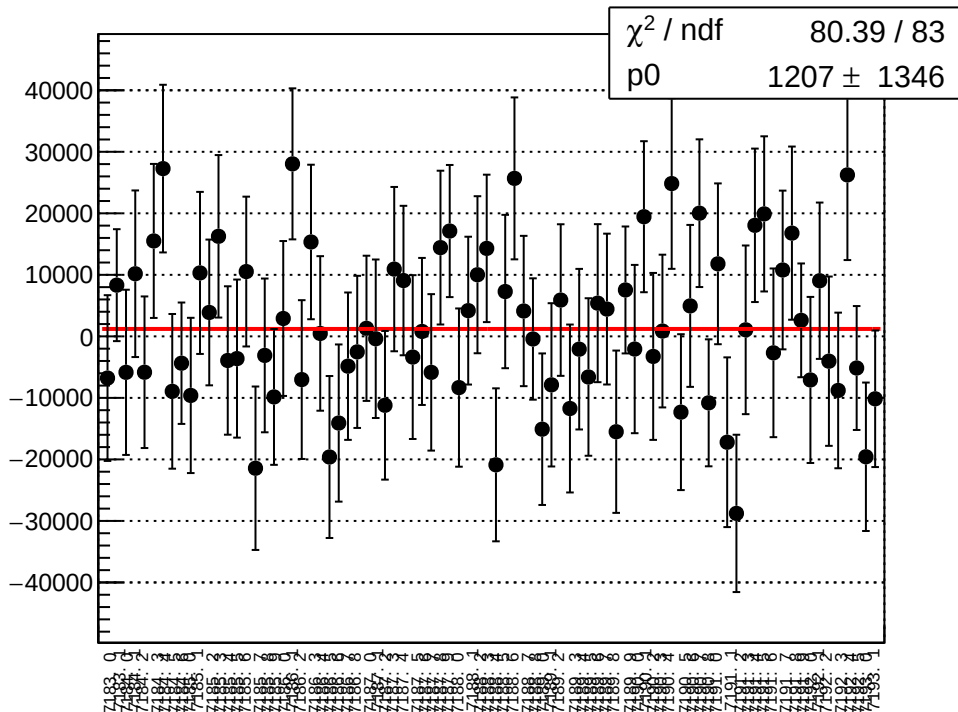
68.55 / 83

p0

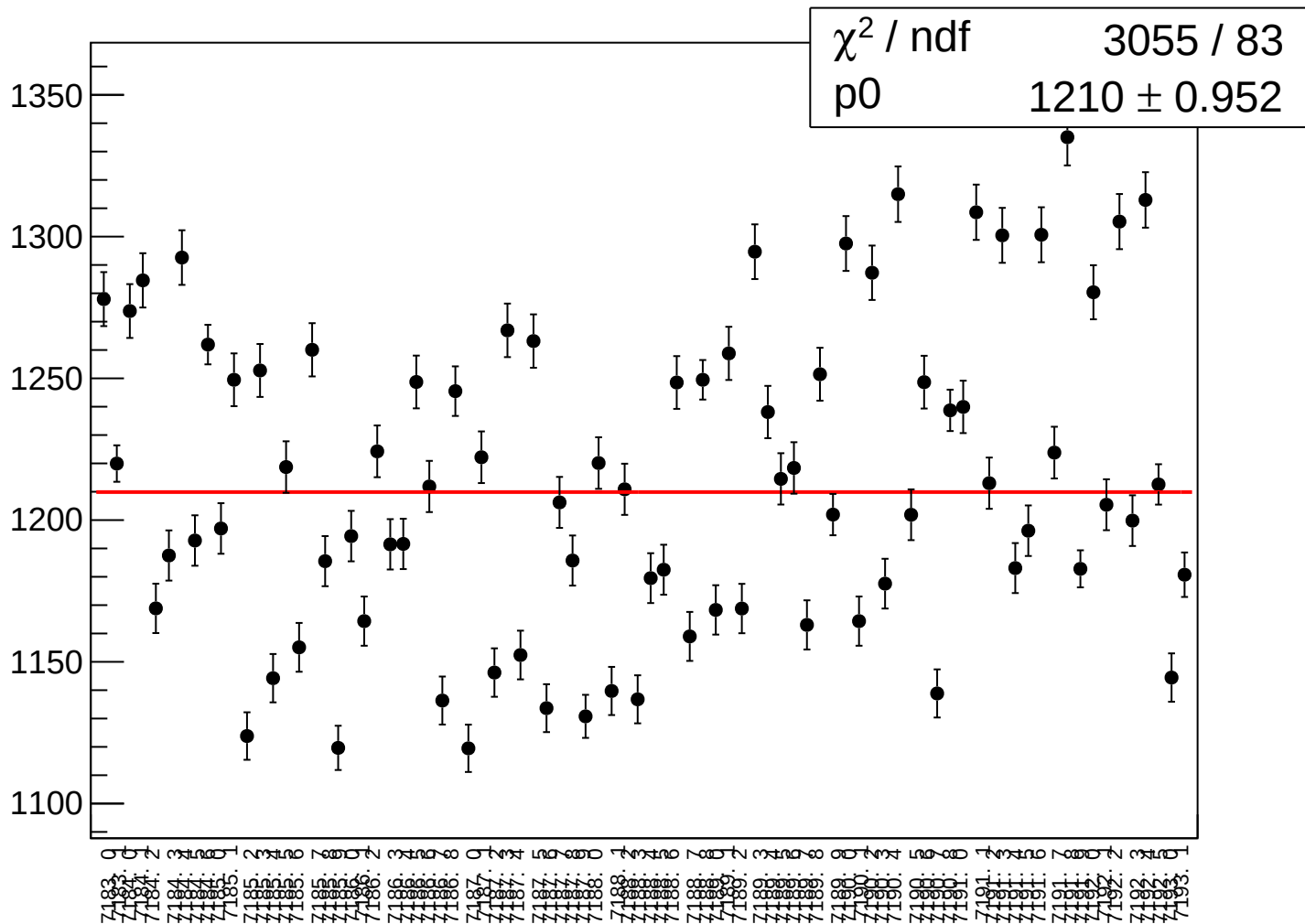
$$773.4 \pm 0.608$$


71.83	71.84	71.85	71.86	71.87	71.88	71.89	71.90	71.91	71.92	71.93	71.94	71.95	71.96	71.97	71.98	71.99	72.00	72.01	72.02	72.03	72.04	72.05	72.06	72.07	72.08	72.09	72.10	72.11	72.12	72.13	72.14	72.15	72.16	72.17	72.18	72.19	72.20	72.21	72.22	72.23	72.24	72.25	72.26	72.27	72.28	72.29	72.30	72.31	72.32	72.33	72.34	72.35	72.36	72.37	72.38	72.39	72.40	72.41	72.42	72.43	72.44	72.45	72.46	72.47	72.48	72.49	72.50	72.51	72.52	72.53	72.54	72.55	72.56	72.57	72.58	72.59	72.60	72.61	72.62	72.63	72.64	72.65	72.66	72.67	72.68	72.69	72.70	72.71	72.72	72.73	72.74	72.75	72.76	72.77	72.78	72.79	72.80	72.81	72.82	72.83	72.84	72.85	72.86	72.87	72.88	72.89	72.90	72.91	72.92	72.93	72.94	72.95	72.96	72.97	72.98	72.99	73.00	73.01	73.02	73.03	73.04	73.05	73.06	73.07	73.08	73.09	73.10	73.11	73.12	73.13	73.14	73.15	73.16	73.17	73.18	73.19	73.20	73.21	73.22	73.23	73.24	73.25	73.26	73.27	73.28	73.29	73.30	73.31	73.32	73.33	73.34	73.35	73.36	73.37	73.38	73.39	73.40	73.41	73.42	73.43	73.44	73.45	73.46	73.47	73.48	73.49	73.50	73.51	73.52	73.53	73.54	73.55	73.56	73.57	73.58	73.59	73.60	73.61	73.62	73.63	73.64	73.65	73.66	73.67	73.68	73.69	73.70	73.71	73.72	73.73	73.74	73.75	73.76	73.77	73.78	73.79	73.80	73.81	73.82	73.83	73.84	73.85	73.86	73.87	73.88	73.89	73.90	73.91	73.92	73.93	73.94	73.95	73.96	73.97	73.98	73.99	74.00	74.01	74.02	74.03	74.04	74.05	74.06	74.07	74.08	74.09	74.10	74.11	74.12	74.13	74.14	74.15	74.16	74.17	74.18	74.19	74.20	74.21	74.22	74.23	74.24	74.25	74.26	74.27	74.28	74.29	74.30	74.31	74.32	74.33	74.34	74.35	74.36	74.37	74.38	74.39	74.40	74.41	74.42	74.43	74.44	74.45	74.46	74.47	74.48	74.49	74.50	74.51	74.52	74.53	74.54	74.55	74.56	74.57	74.58	74.59	74.60	74.61	74.62	74.63	74.64	74.65	74.66	74.67	74.68	74.69	74.70	74.71	74.72	74.73	74.74	74.75	74.76	74.77	74.78	74.79	74.80	74.81	74.82	74.83	74.84	74.85	74.86	74.87	74.88	74.89	74.90	74.91	74.92	74.93	74.94	74.95	74.96	74.97	74.98	74.99	75.00	75.01	75.02	75.03	75.04	75.05	75.06	75.07	75.08	75.09	75.10	75.11	75.12	75.13	75.14	75.15	75.16	75.17	75.18	75.19	75.20	75.21	75.22	75.23	75.24	75.25	75.26	75.27	75.28	75.29	75.30	75.31	75.32	75.33	75.34	75.35	75.36	75.37	75.38	75.39	75.40	75.41	75.42	75.43	75.44	75.45	75.46	75.47	75.48	75.49	75.50	75.51	75.52	75.53	75.54	75.55	75.56	75.57	75.58	75.59	75.60	75.61	75.62	75.63	75.64	75.65	75.66	75.67	75.68	75.69	75.70	75.71	75.72	75.73	75.74	75.75	75.76	75.77	75.78	75.79	75.80	75.81	75.82	75.83	75.84	75.85	75.86	75.87	75.88	75.89	75.90	75.91
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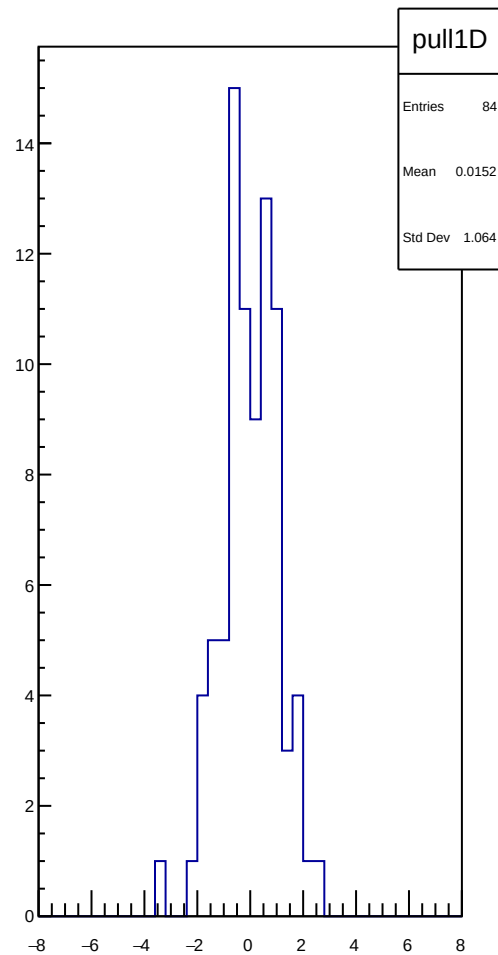
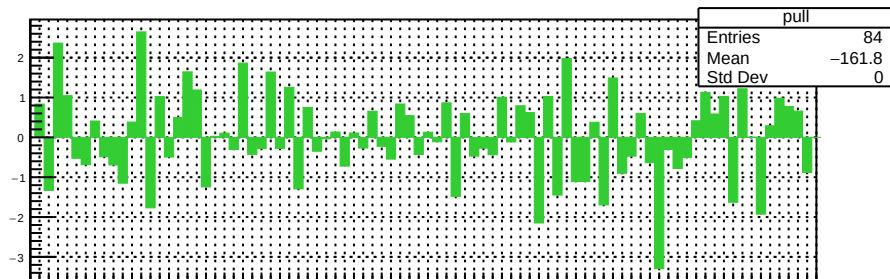
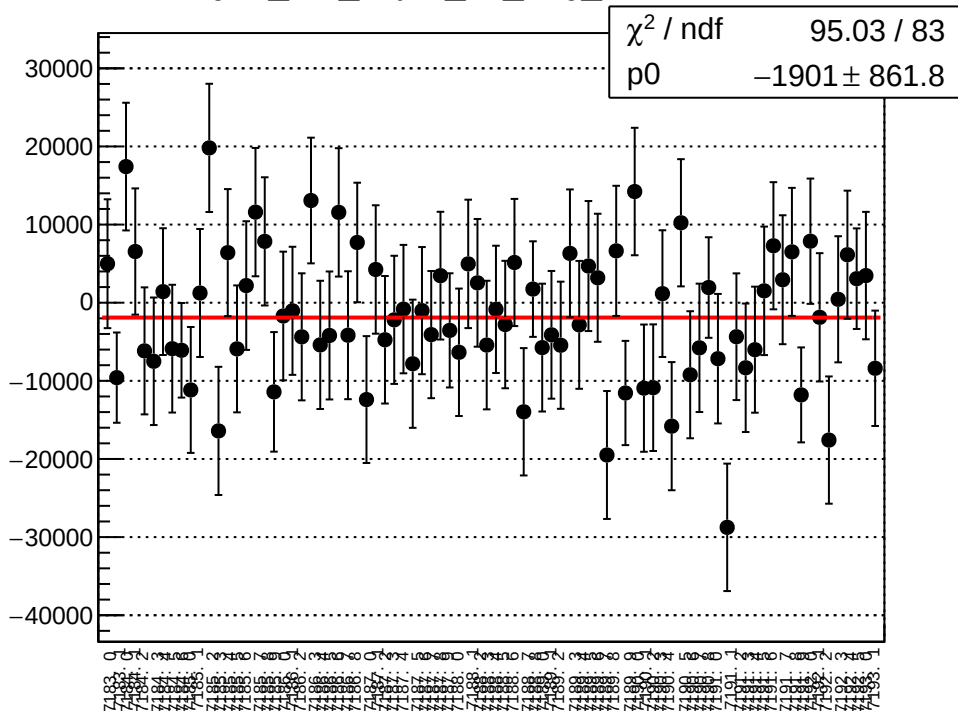
asym_us_avg_overload_cor_correction_mean vs run



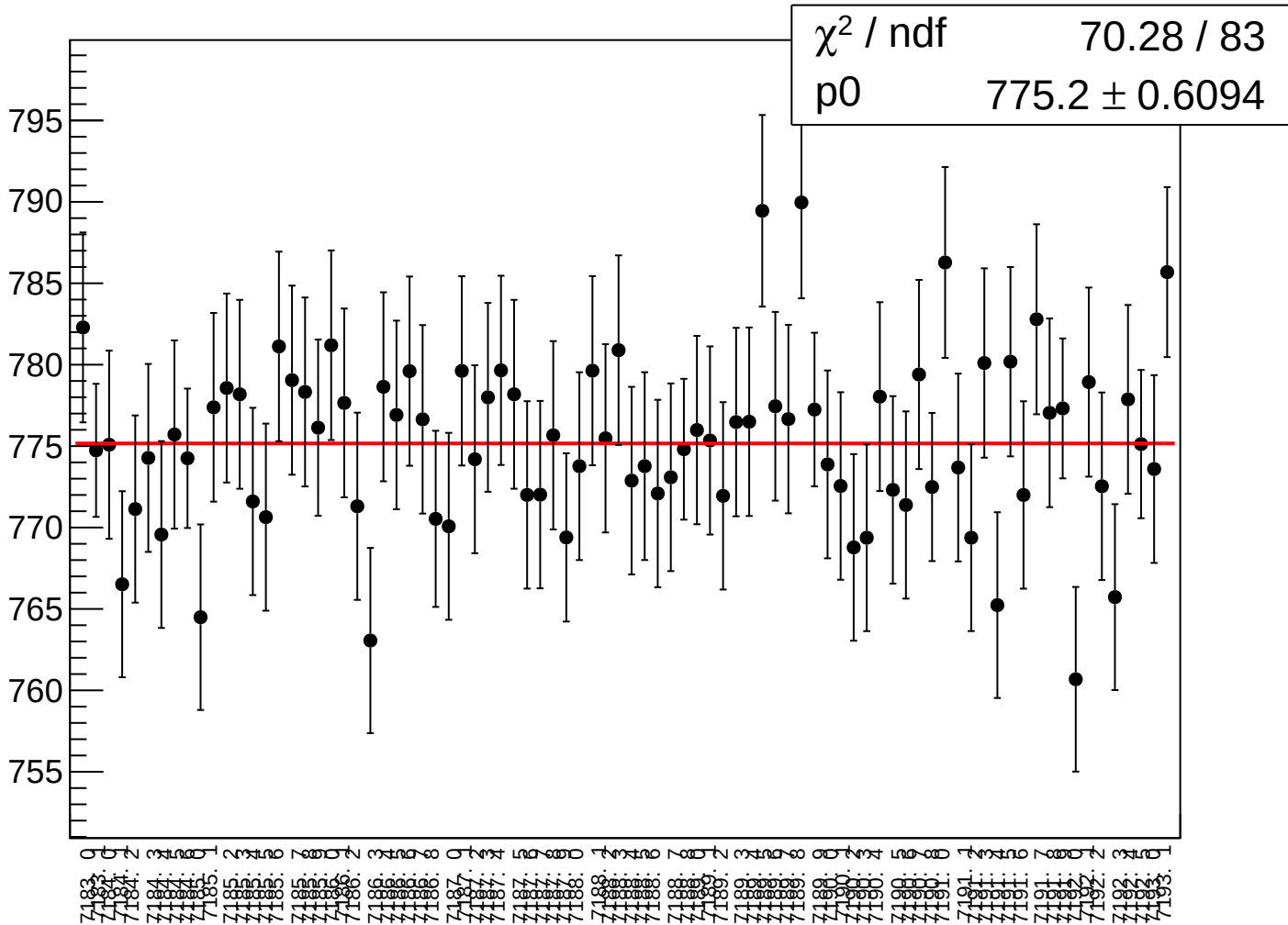
asym_us_avg_overload_cor_correction_rms vs run



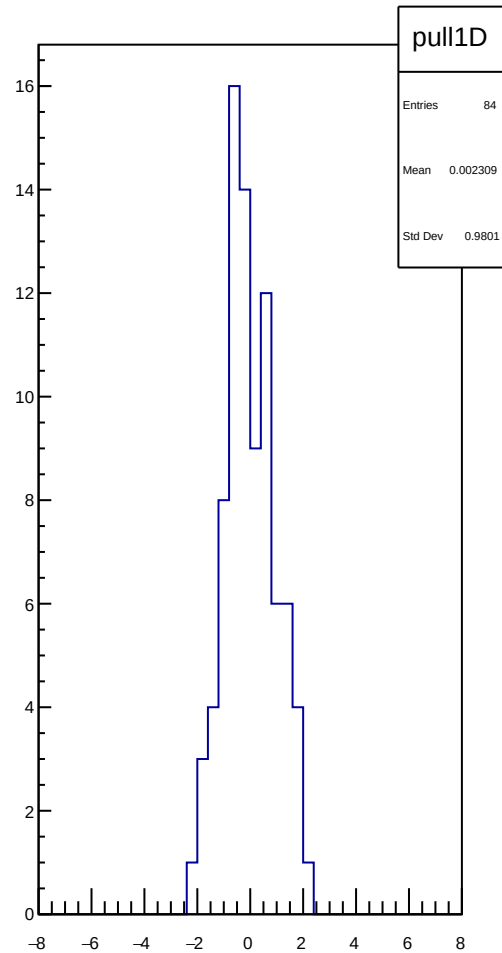
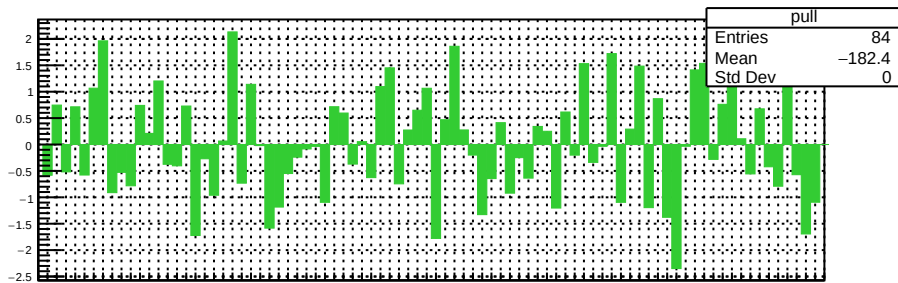
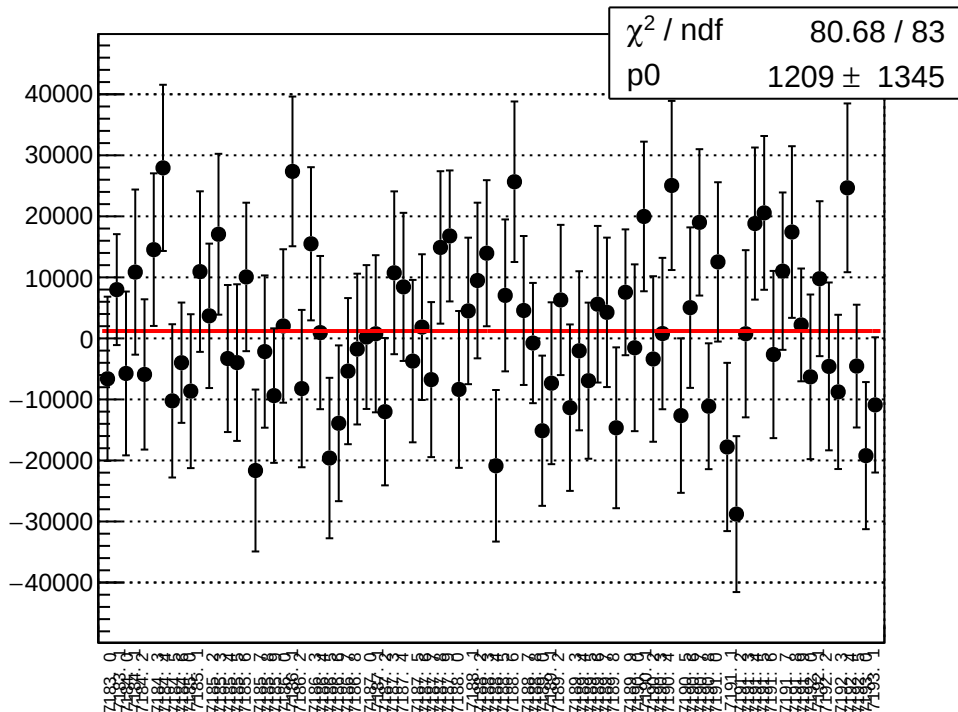
eigen_cor_asym_us_avg_mean vs run



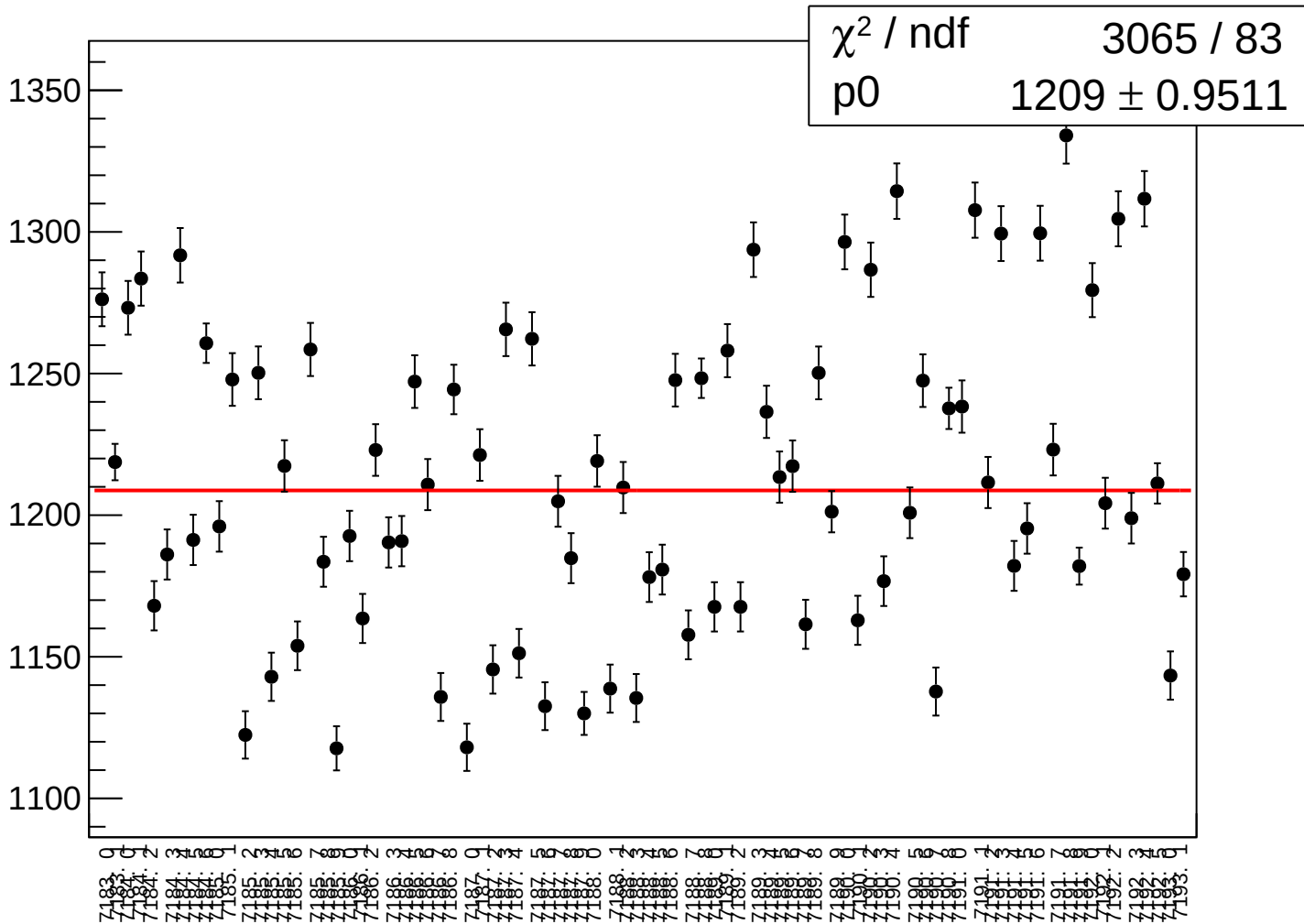
eigen_cor_asym_us_avg_rms vs run



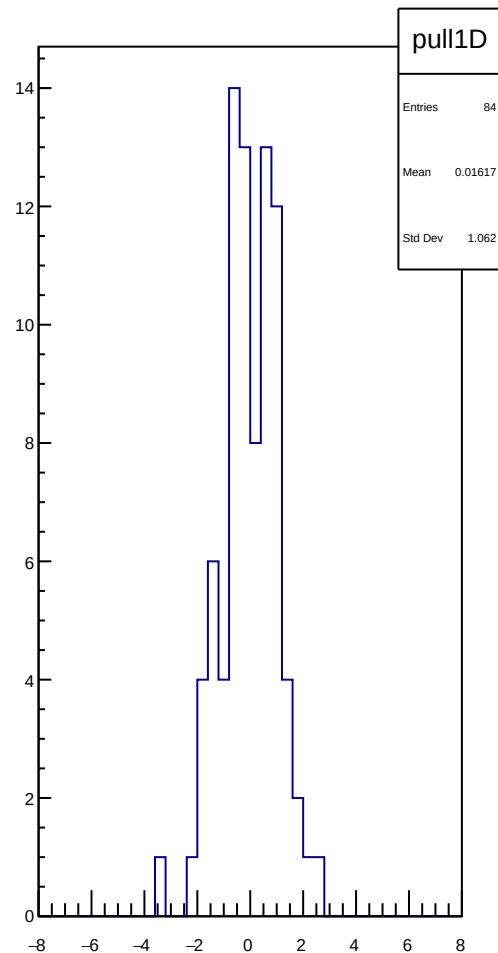
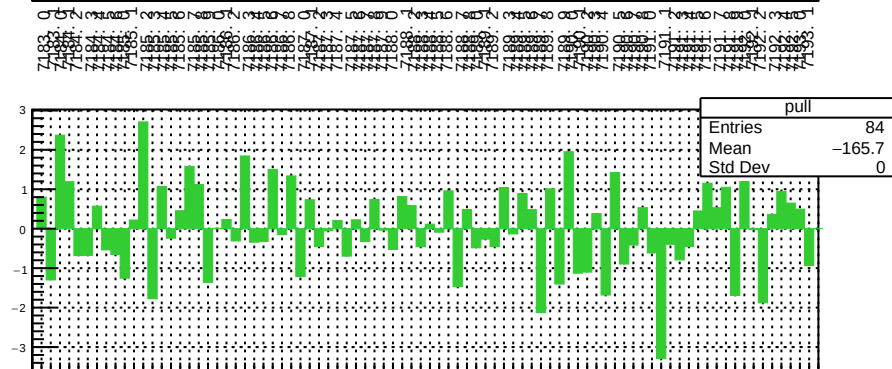
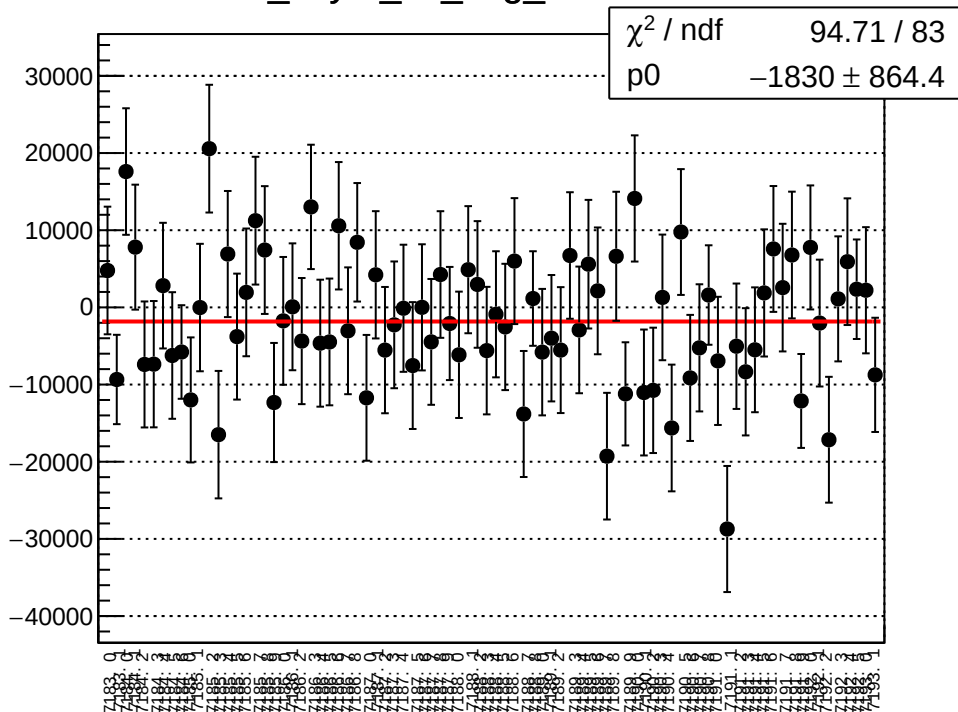
asym_us_avg_eigen_cor_correction_mean vs run



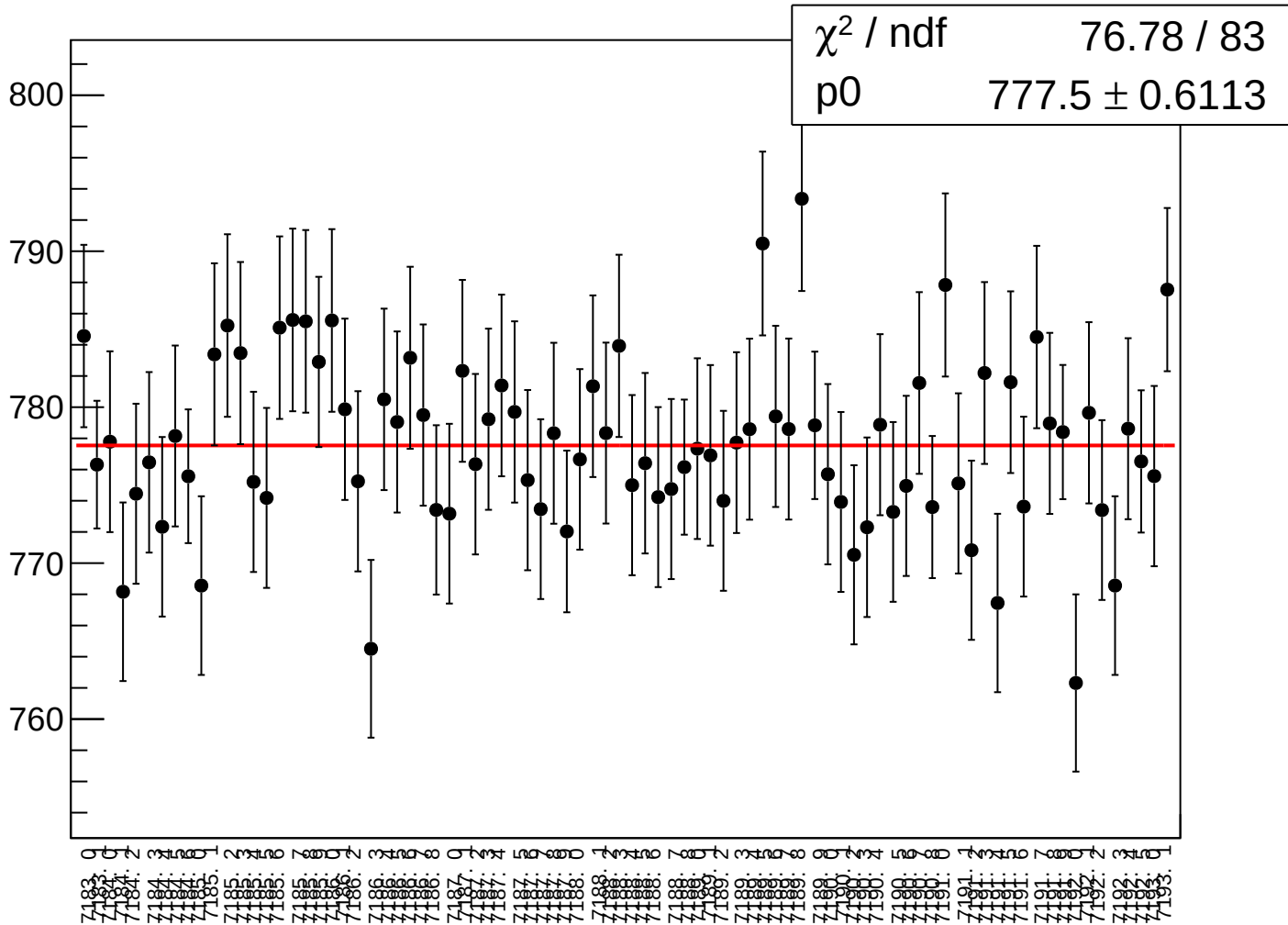
asym_us_avg_eigen_cor_correction_rms vs run



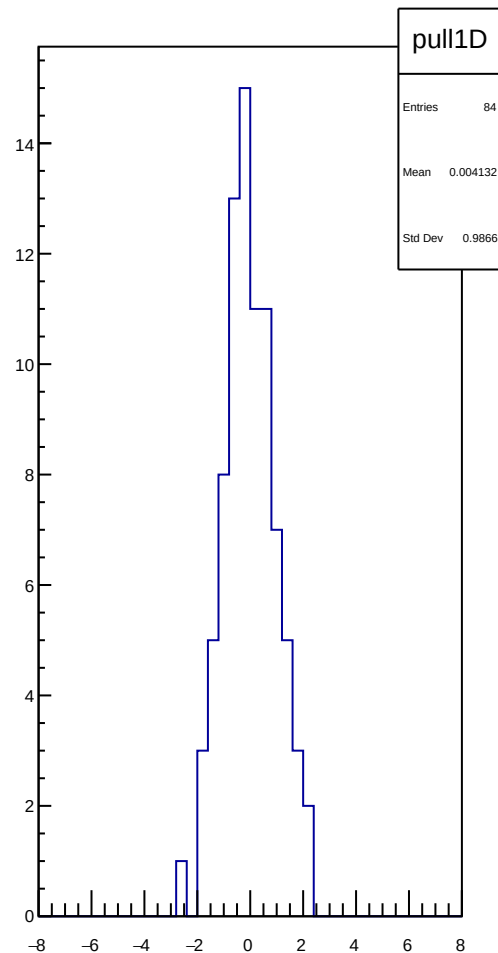
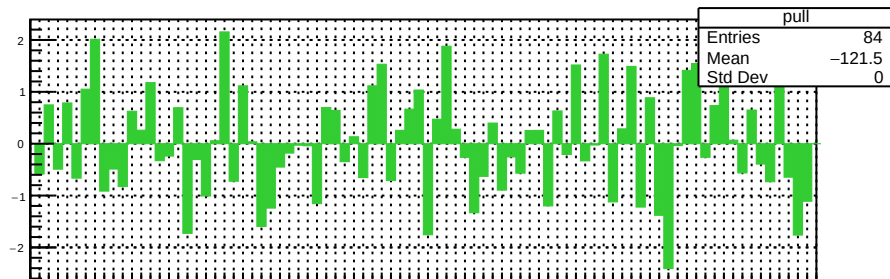
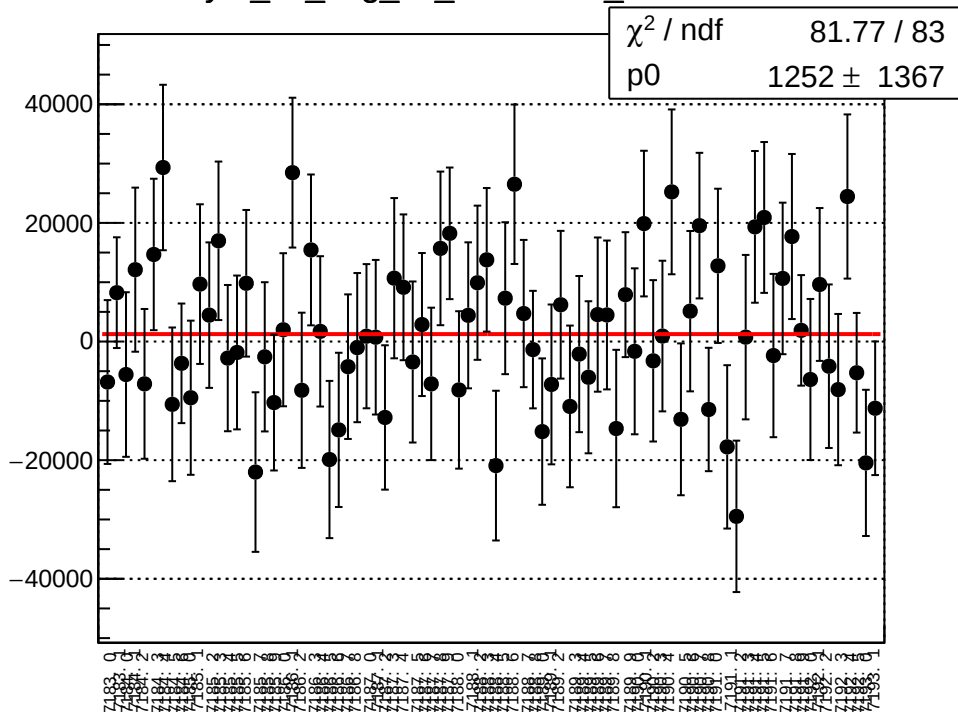
dit_asym_us_avg_mean vs run



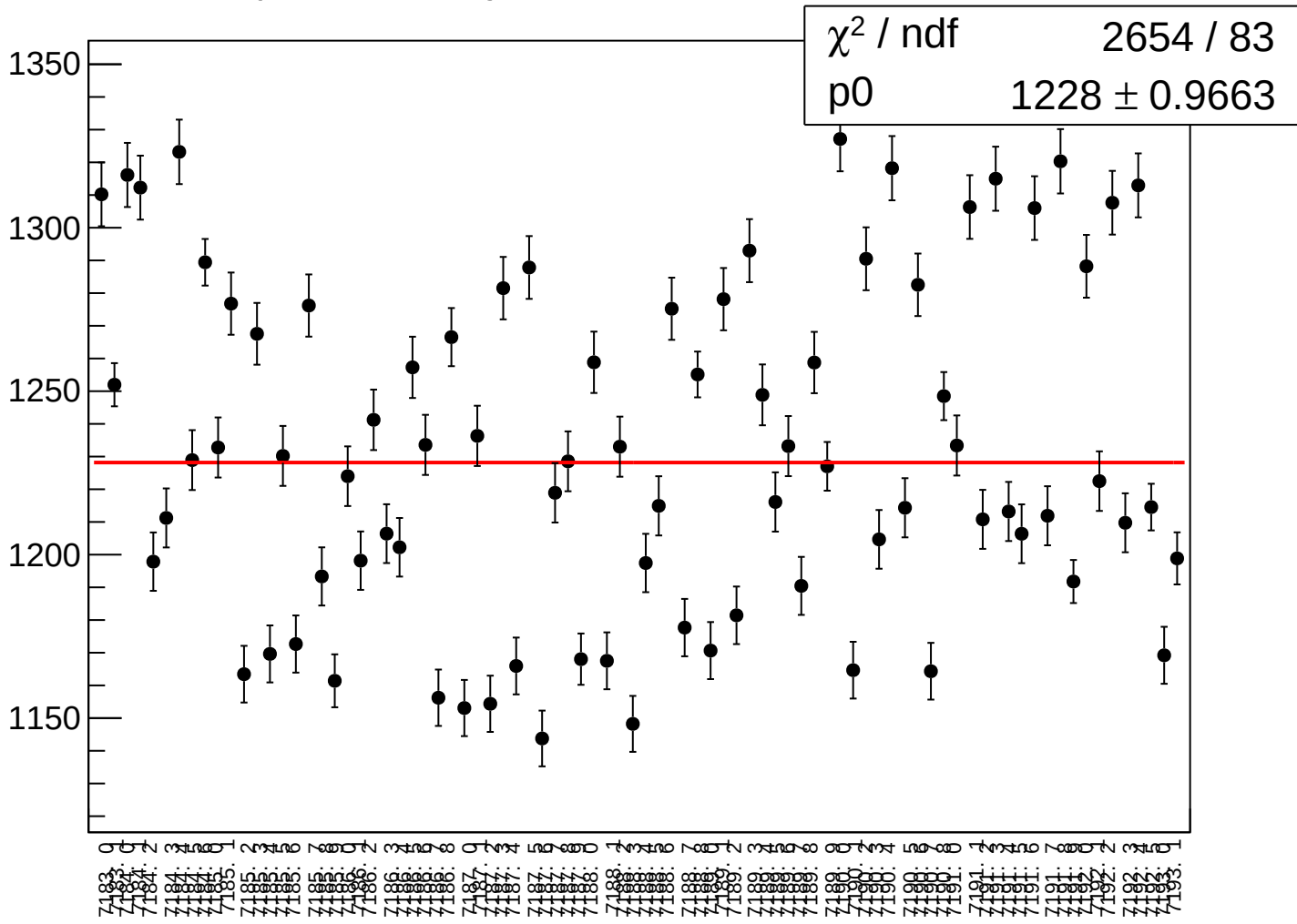
dit_asym_us_avg_rms vs run



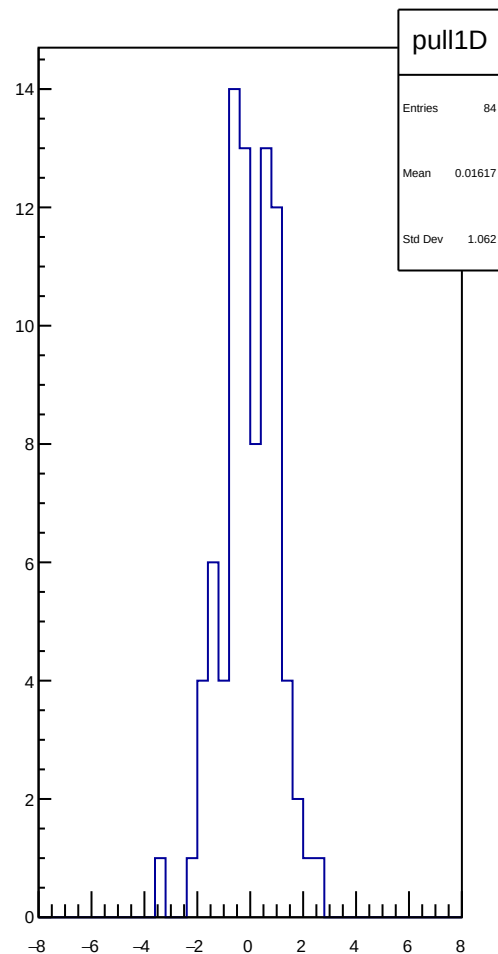
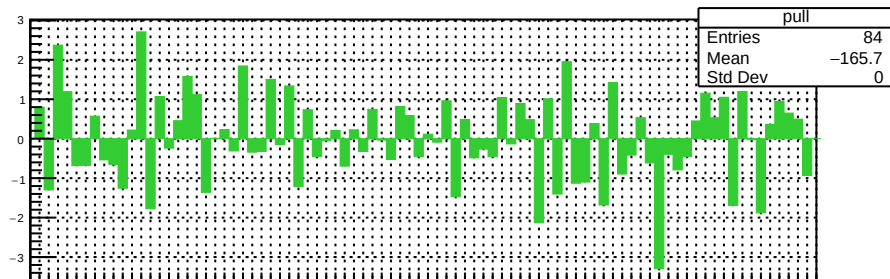
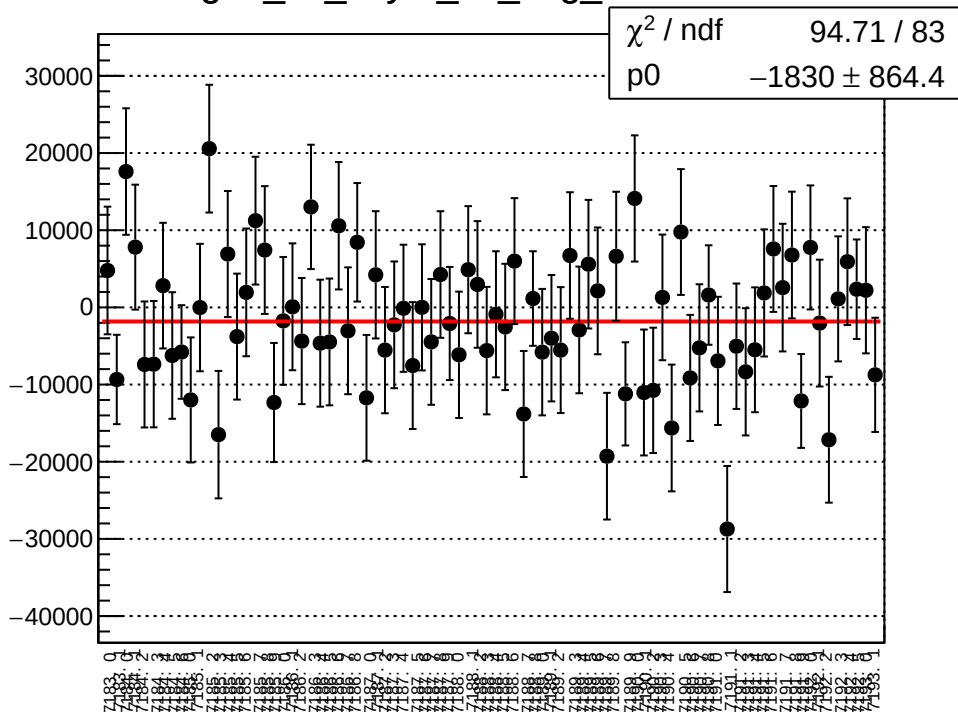
asym_us_avg_dit_correction_mean vs run



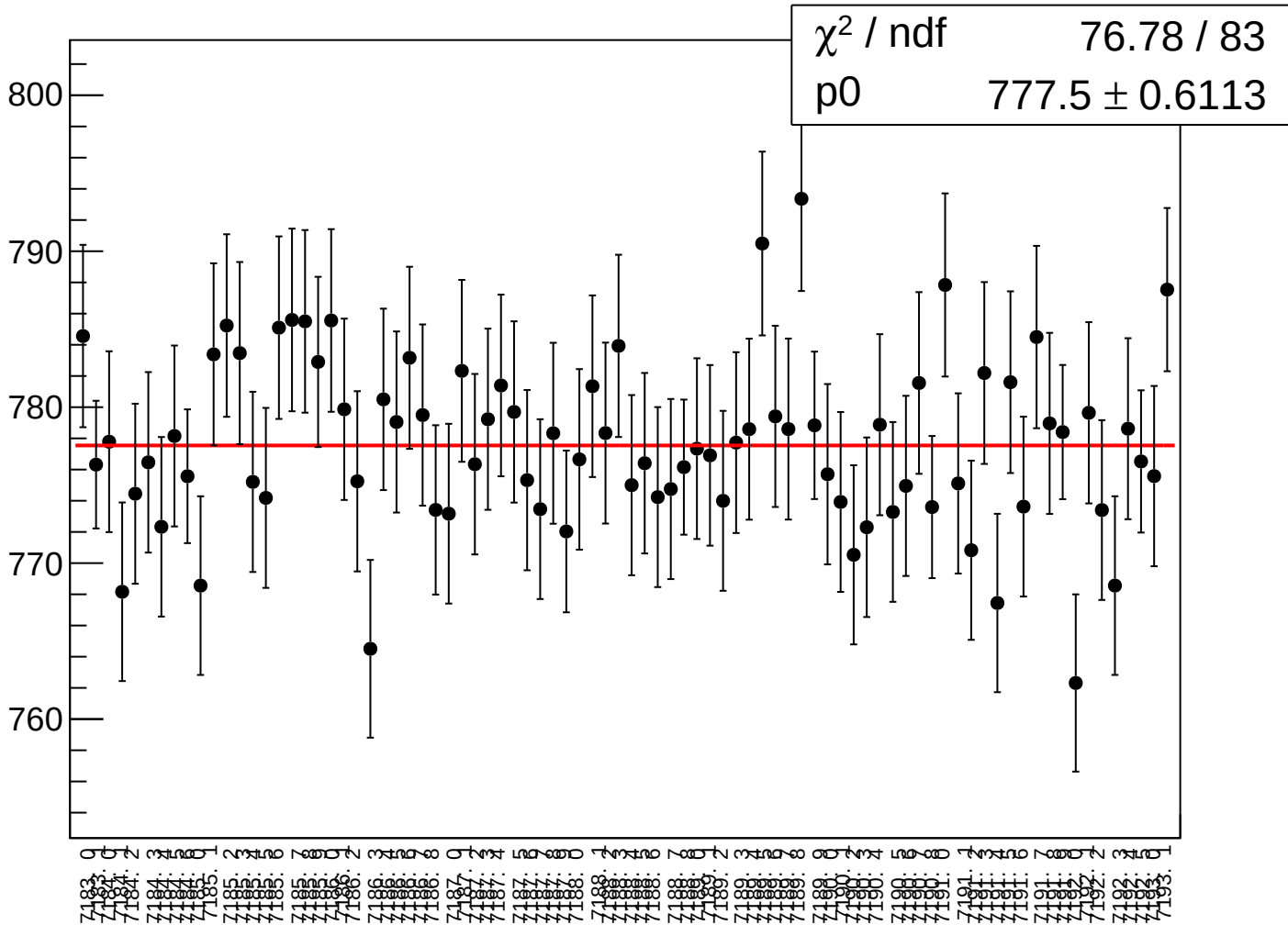
asym_us_avg_dit_correction_rms vs run



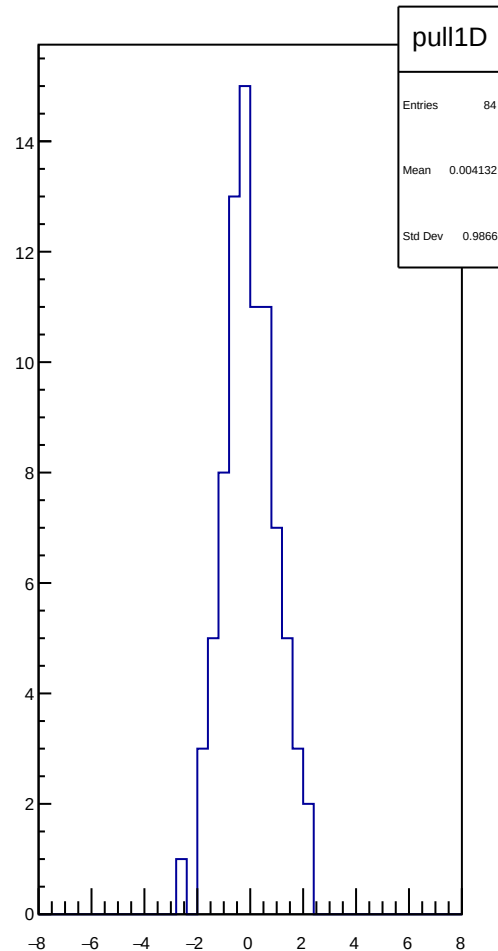
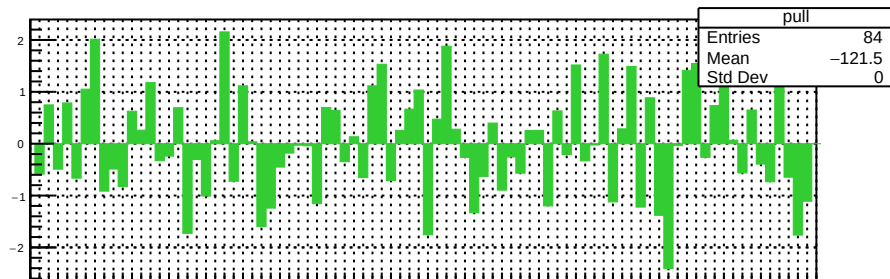
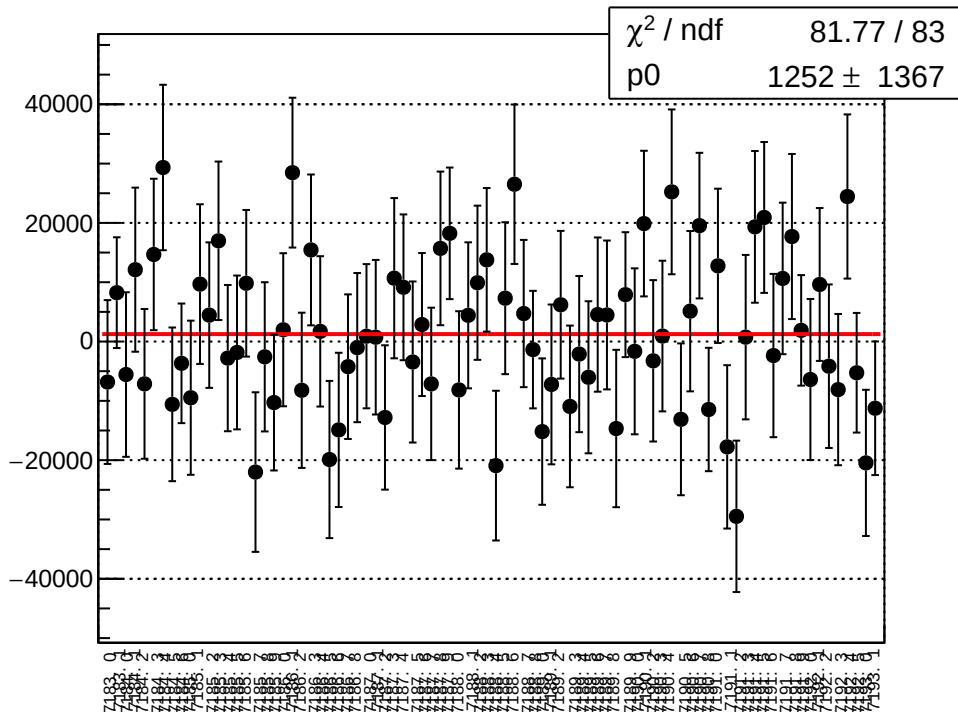
eigen_dit_asym_us_avg_mean vs run



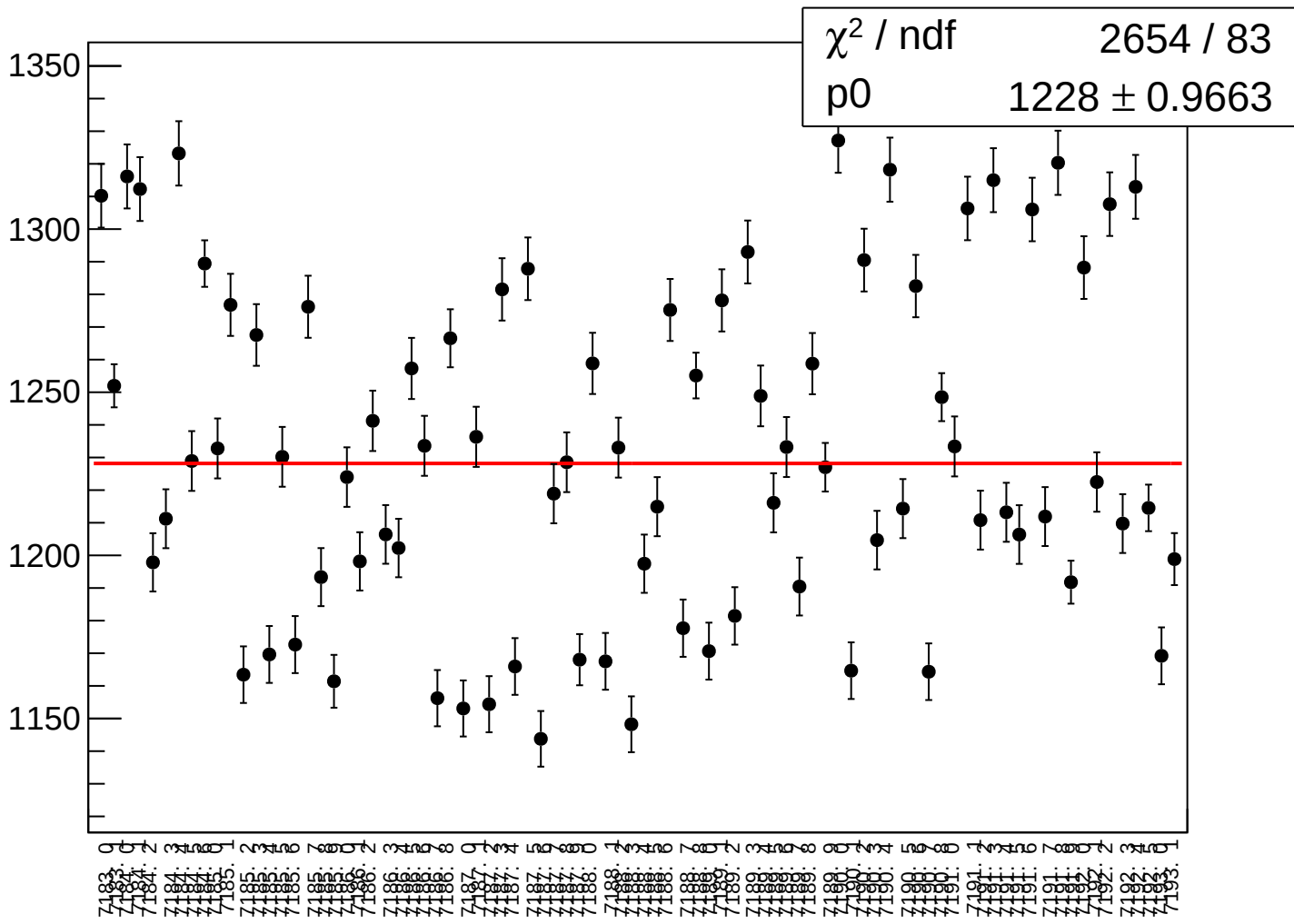
eigen_dit_asym_us_avg_rms vs run



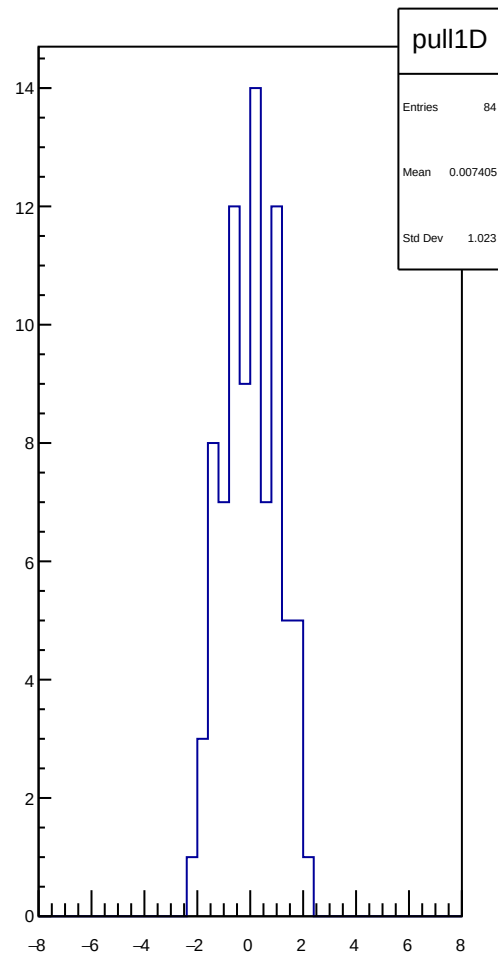
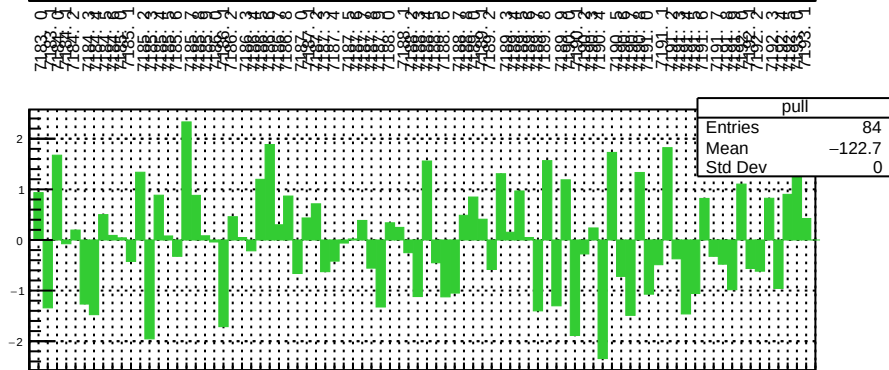
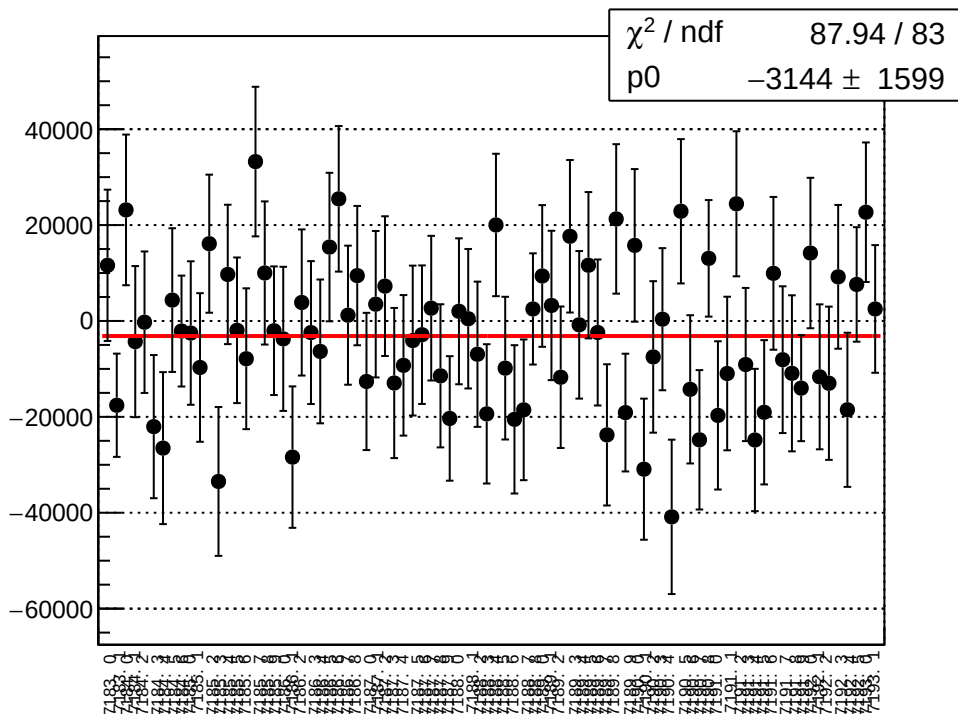
asym_us_avg_eigen_dit_correction_mean vs run



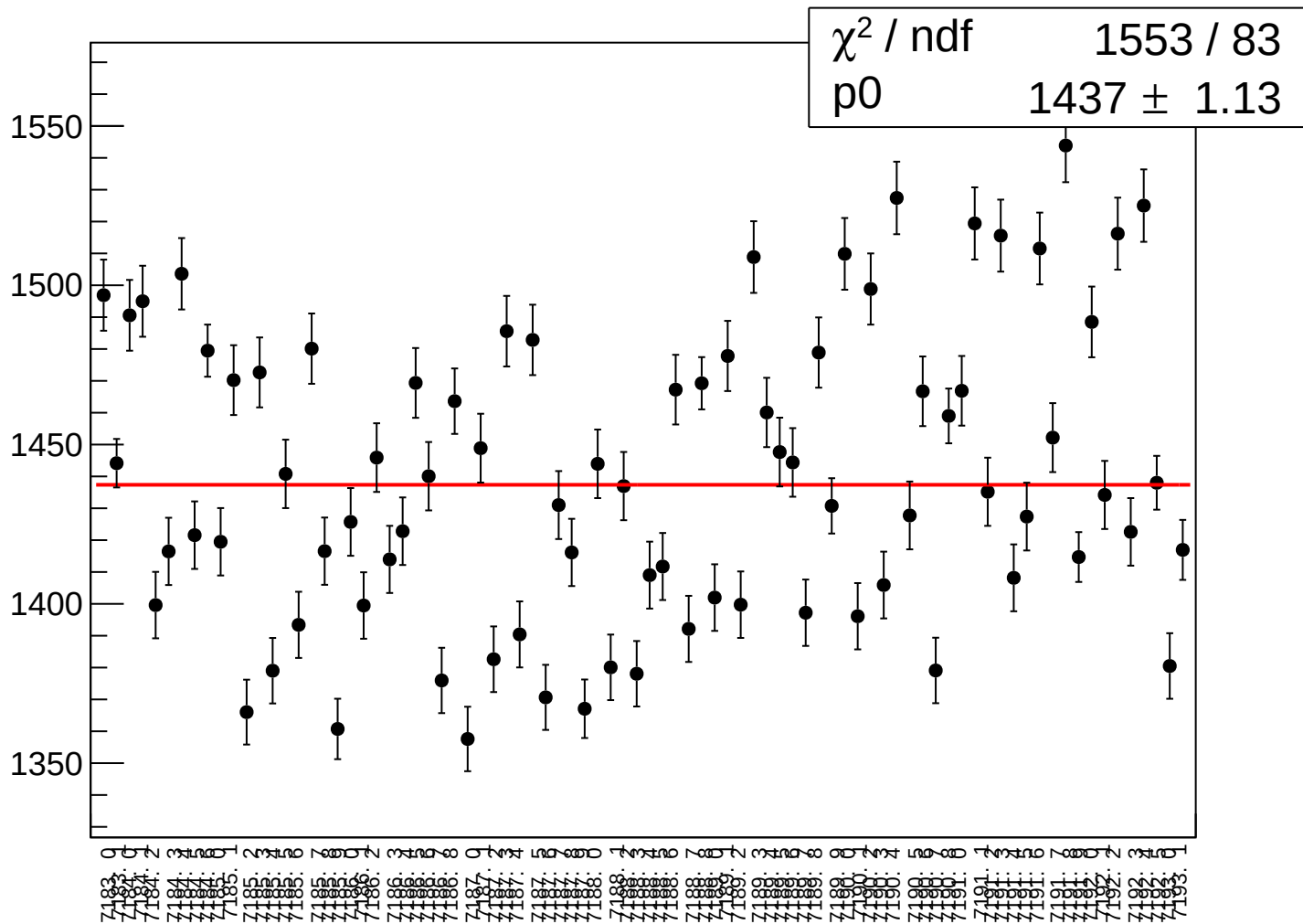
asym_us_avg_eigen_dit_correction_rms vs run



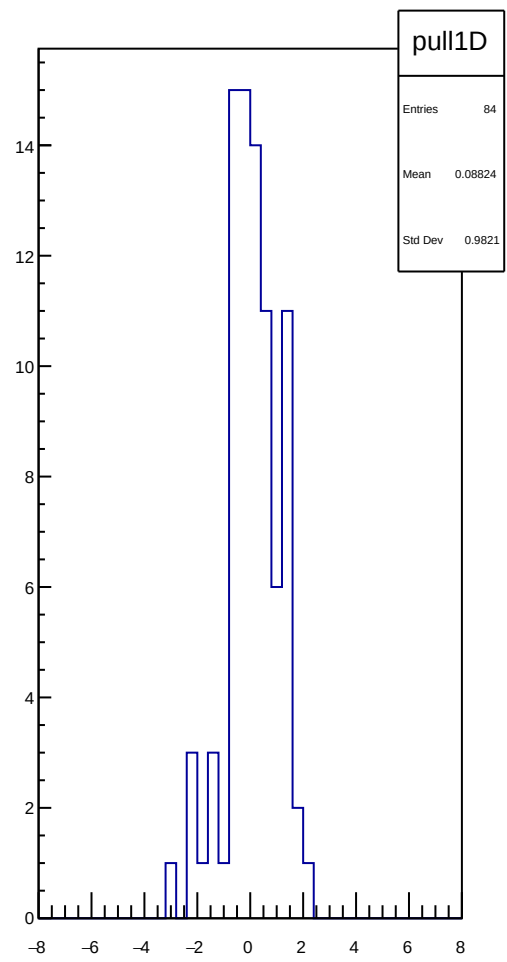
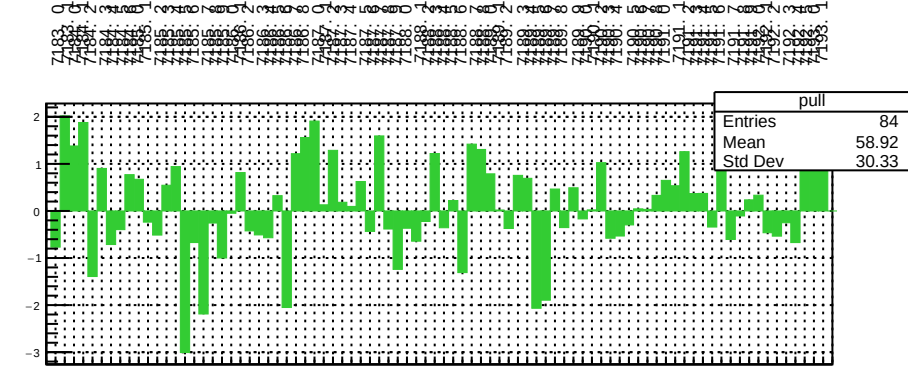
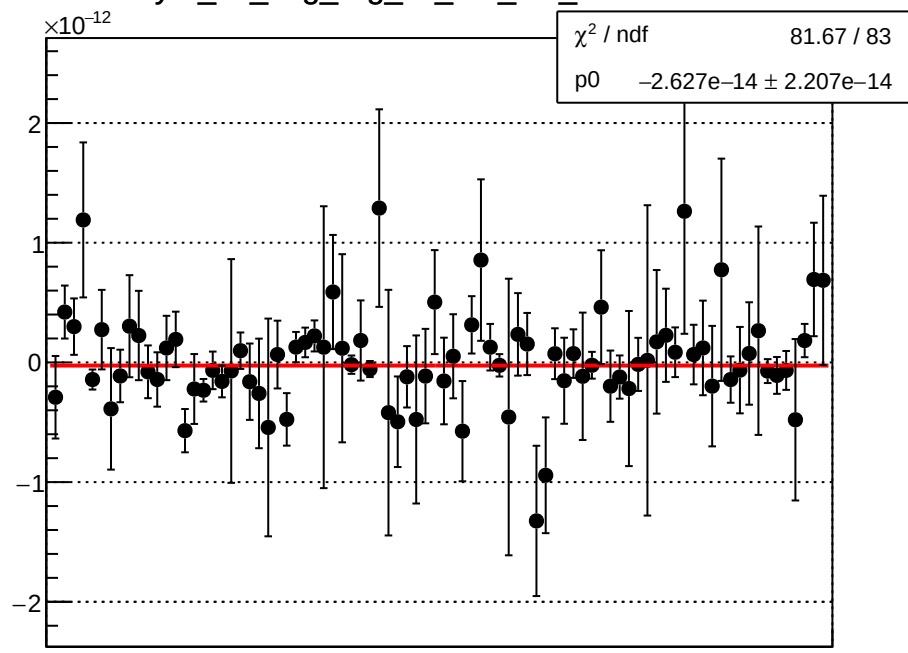
asym_us_avg_mean vs run



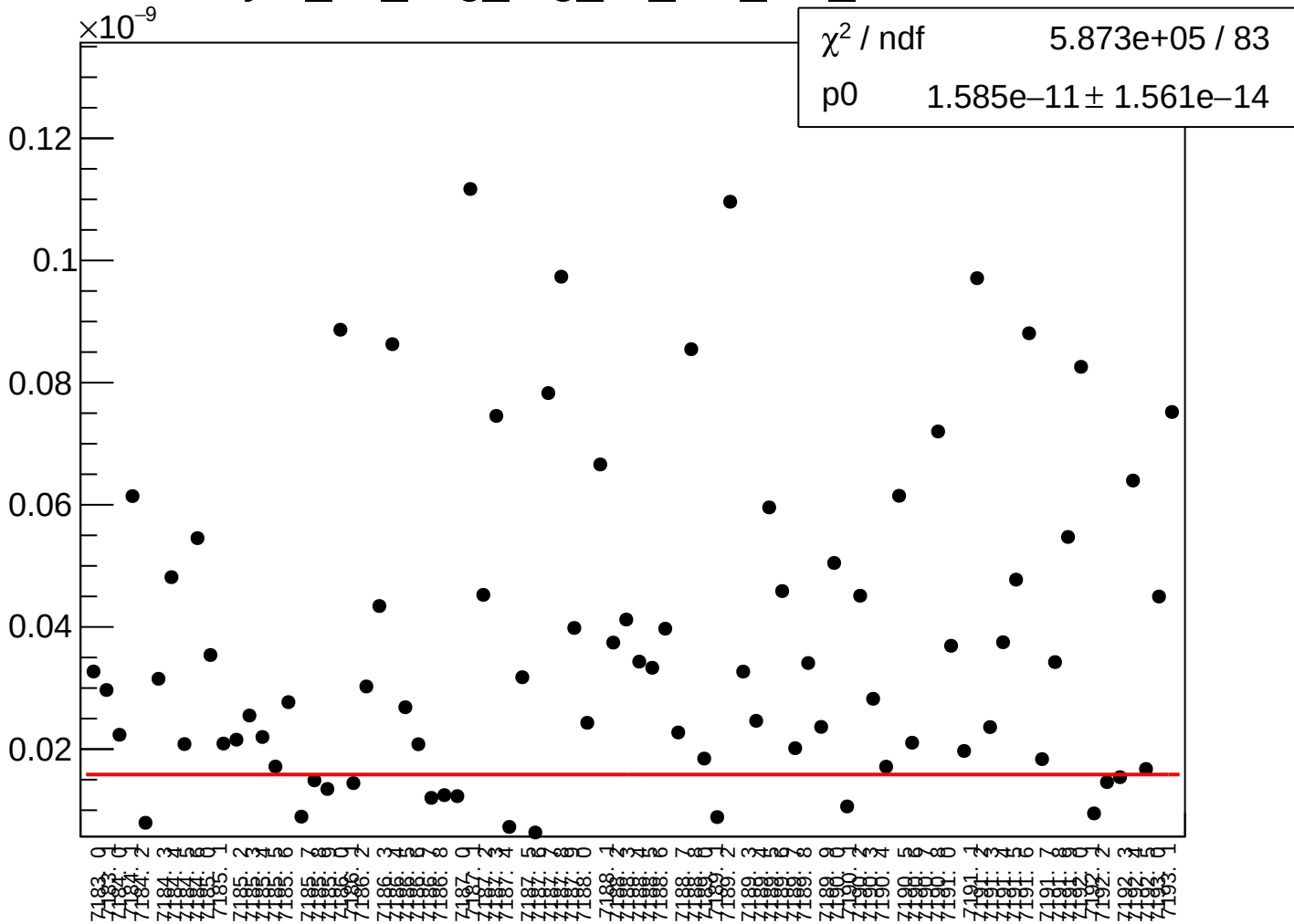
asym_us_avg_rms vs run



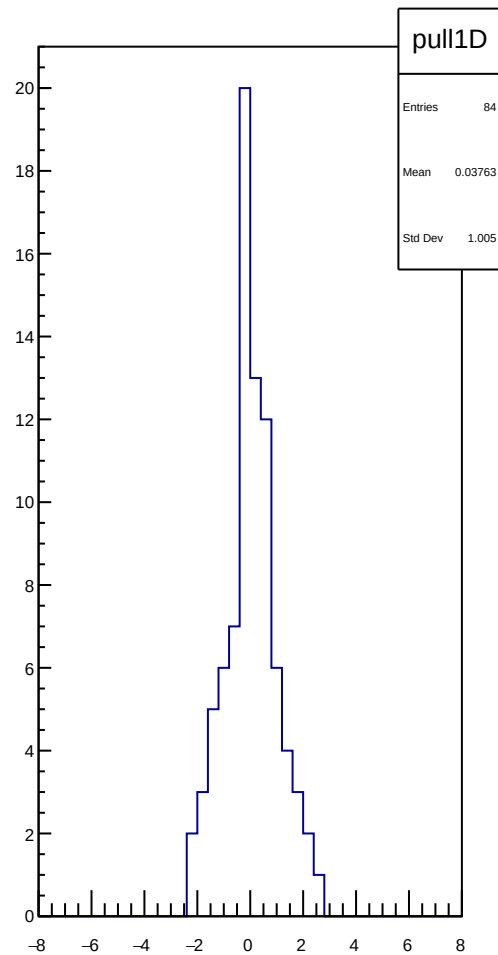
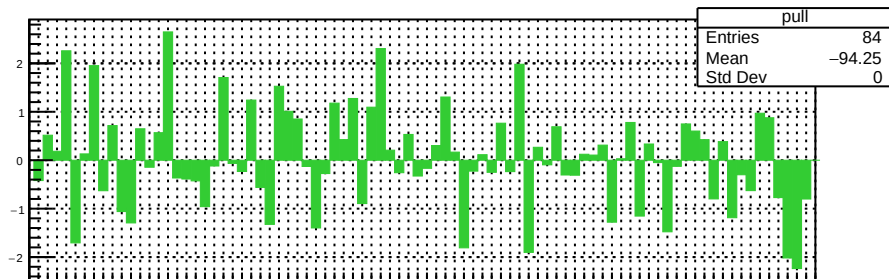
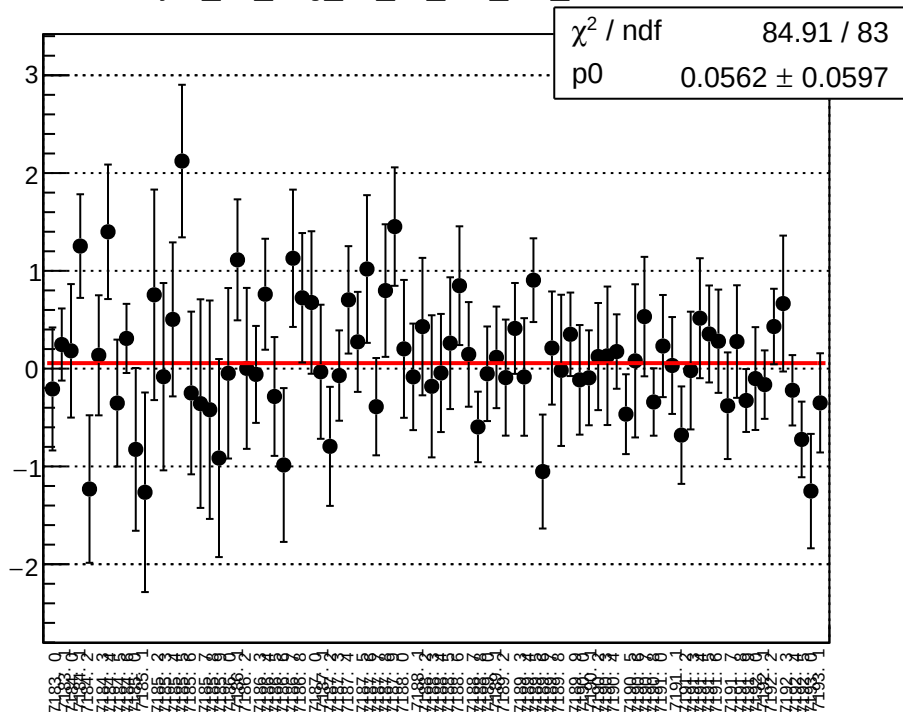
asym_us_avg_reg_vs_cor_diff_mean vs run



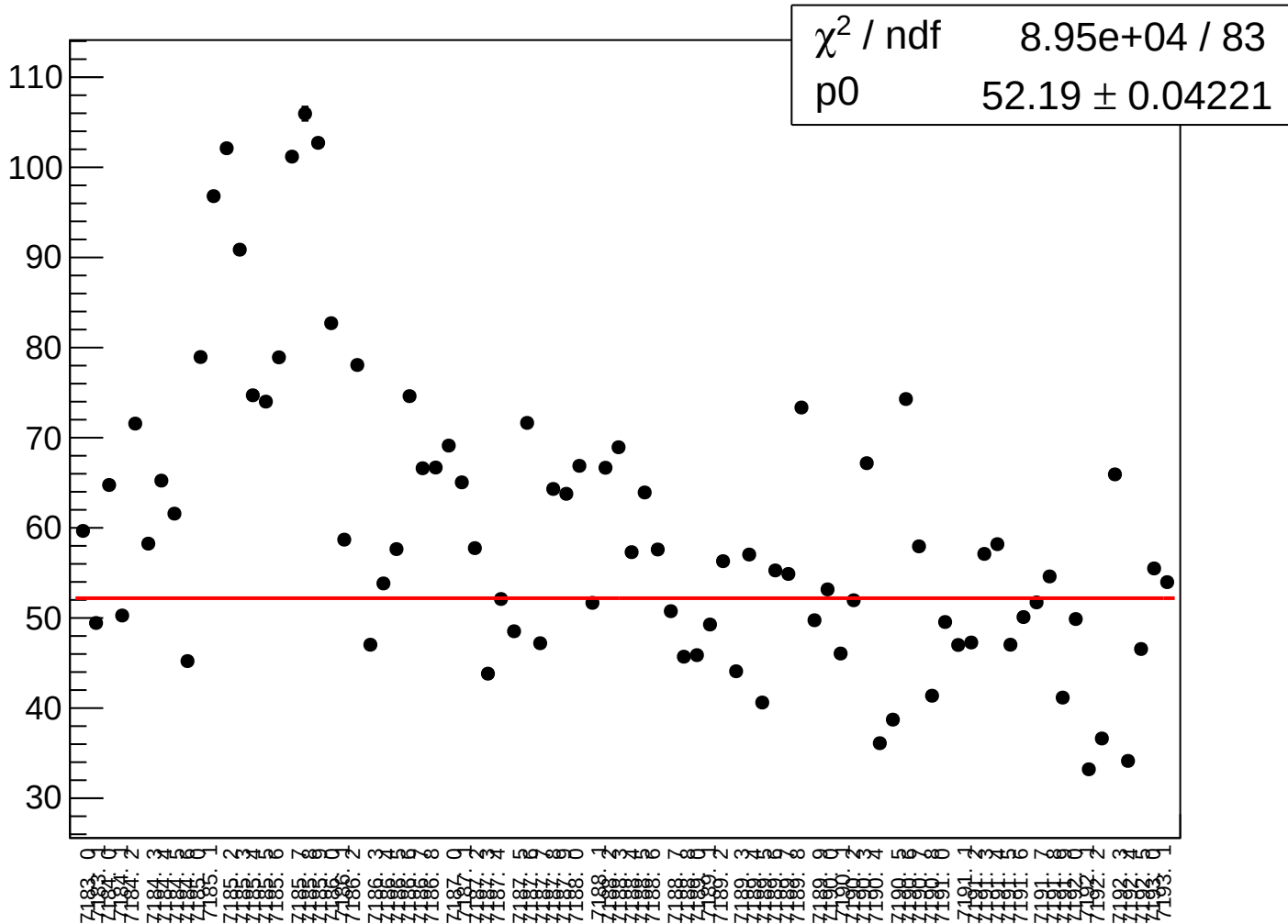
asym_us_avg_reg_vs_cor_diff_rms vs run



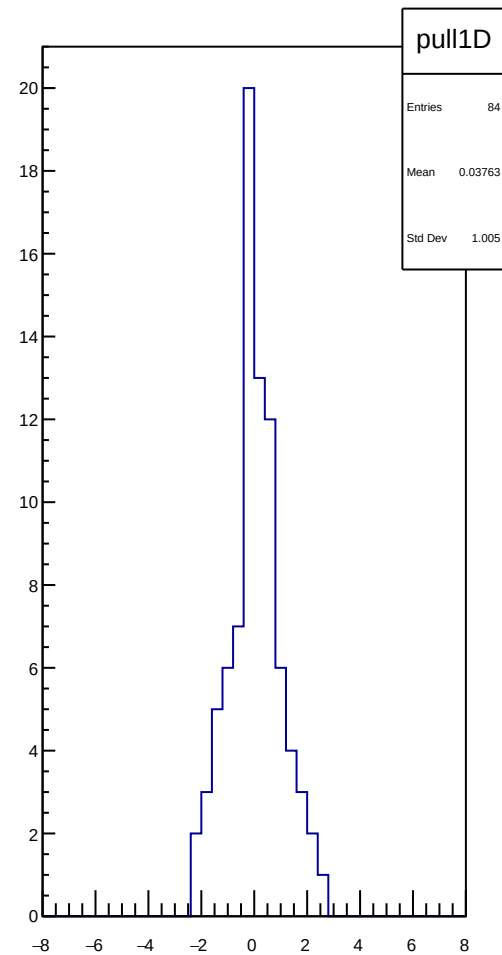
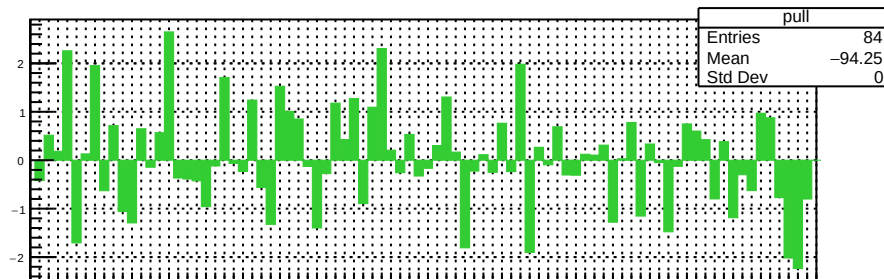
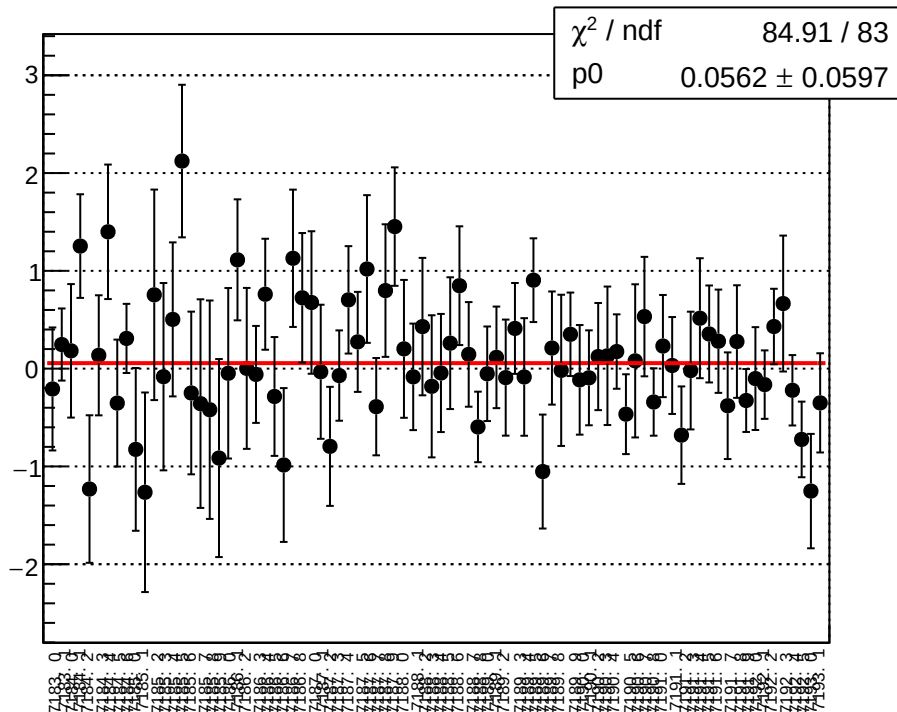
asym_us_avg_dit_vs_cor_diff_mean vs run



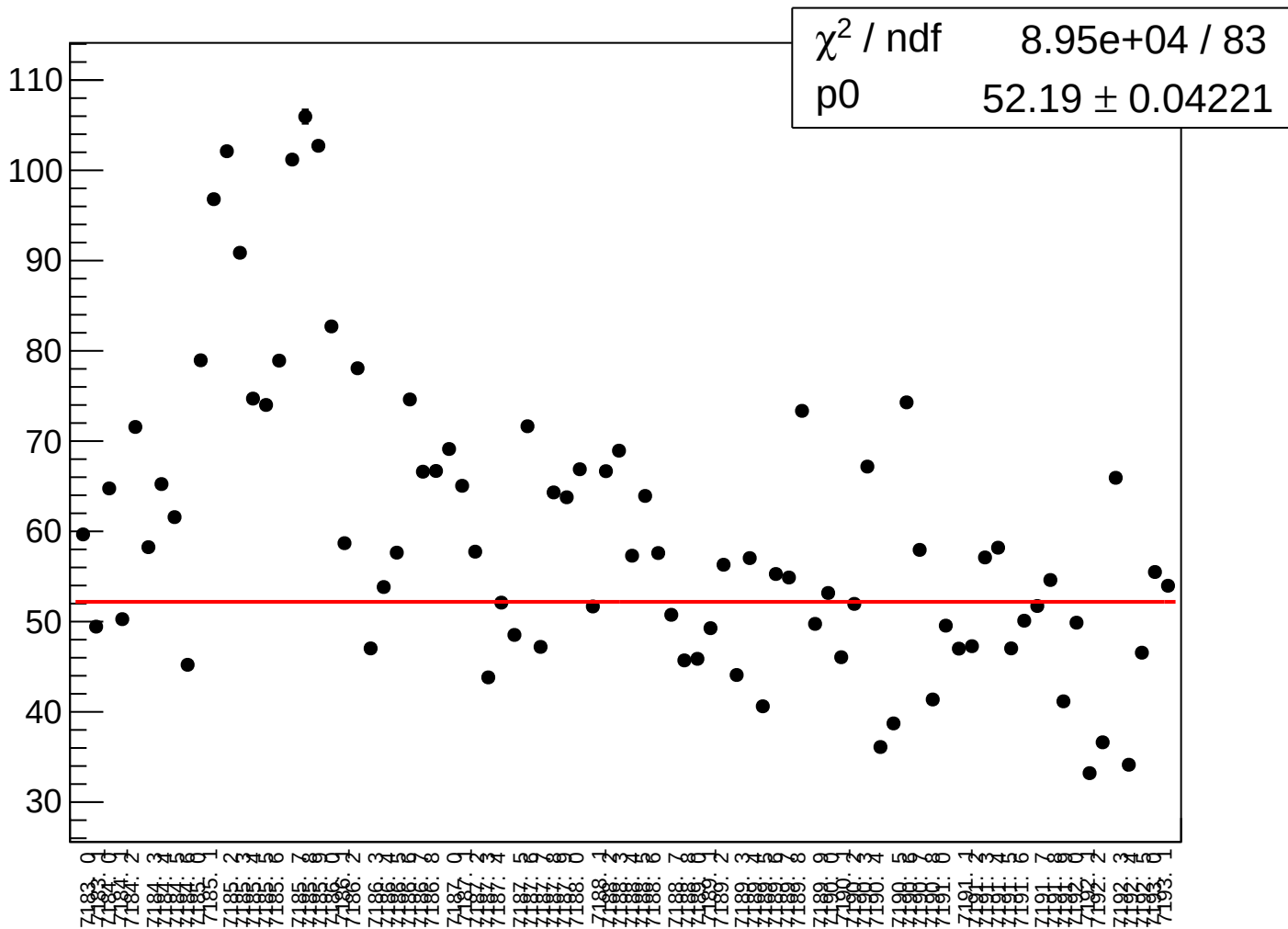
asym_us_avg_dit_vs_cor_diff_rms vs run



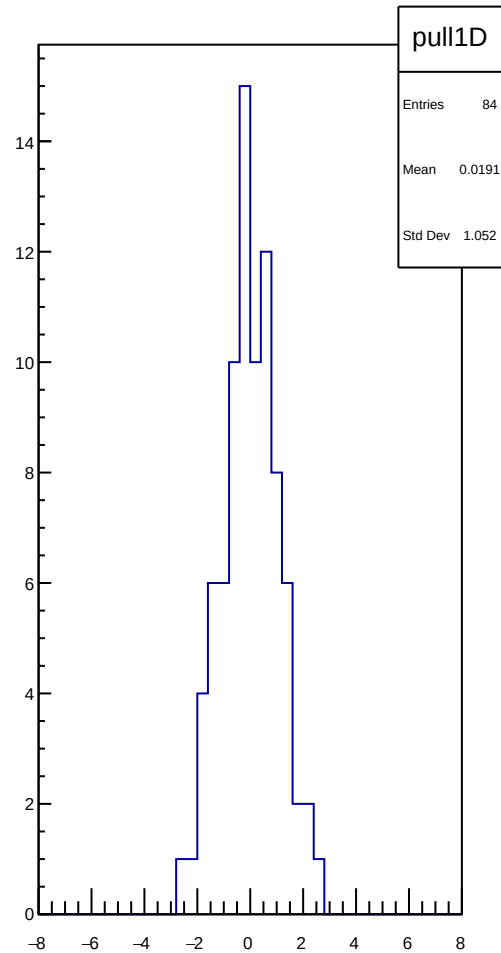
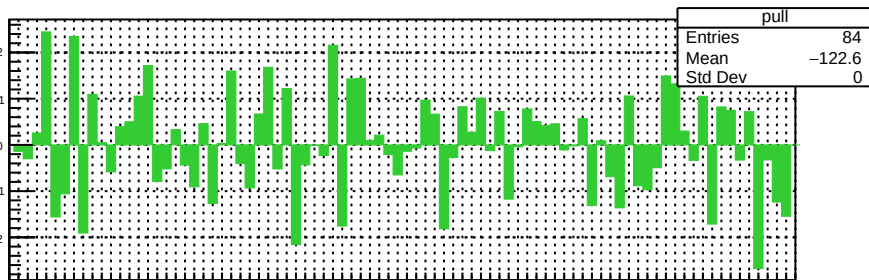
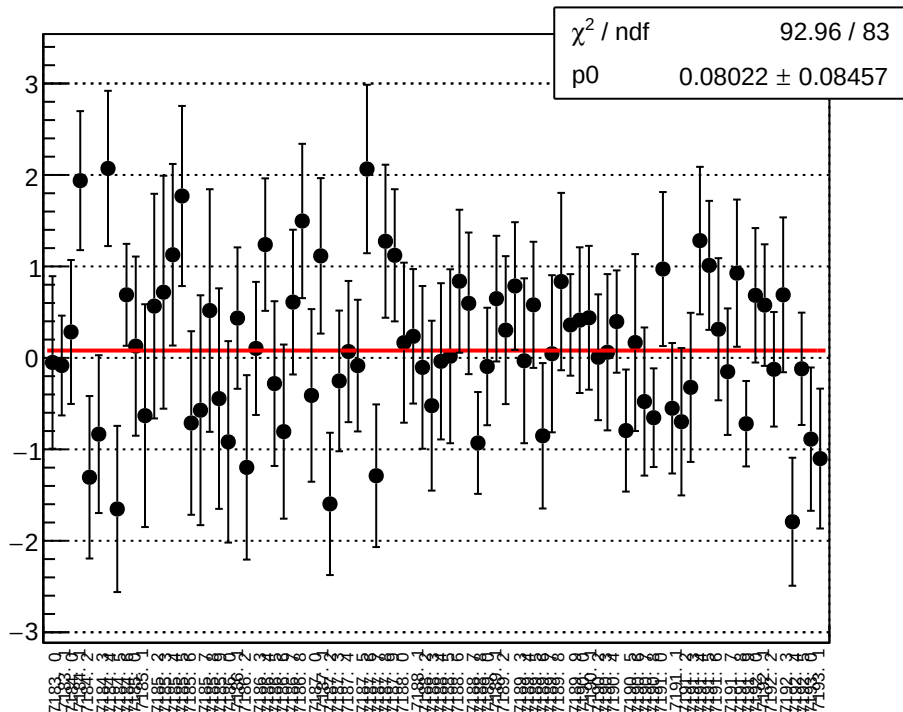
asym_us_avg_dit_vs_eigen_cor_diff_mean vs run



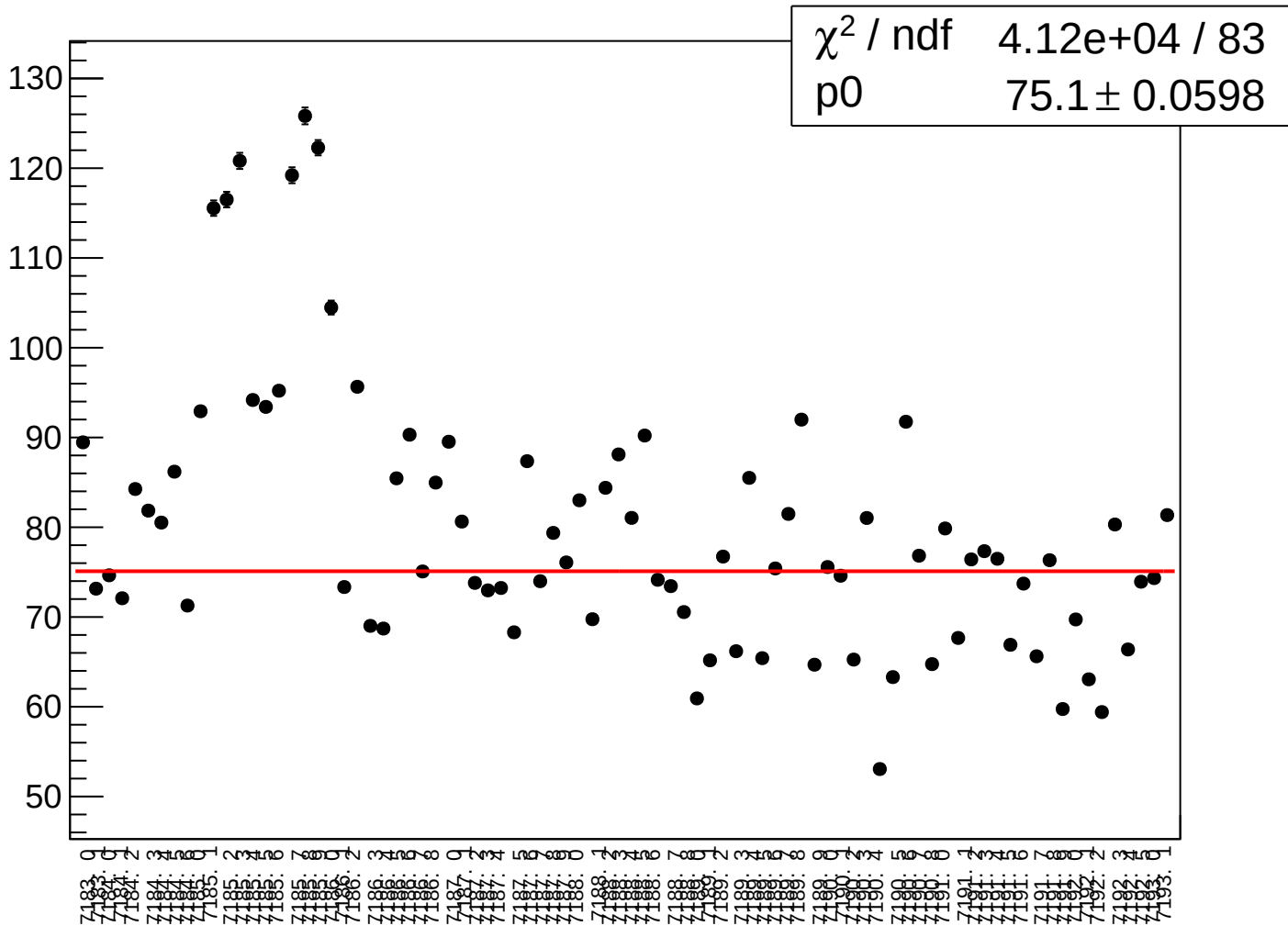
asym_us_avg_dit_vs_eigen_cor_diff_rms vs run



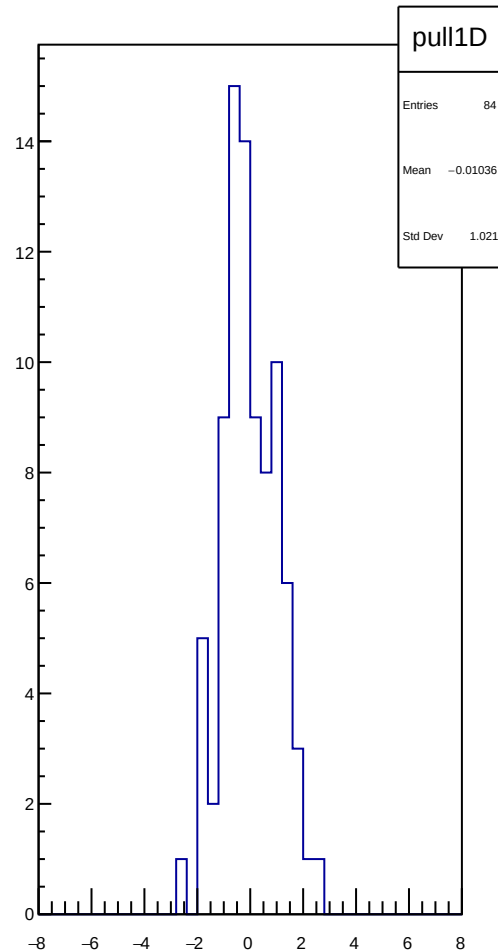
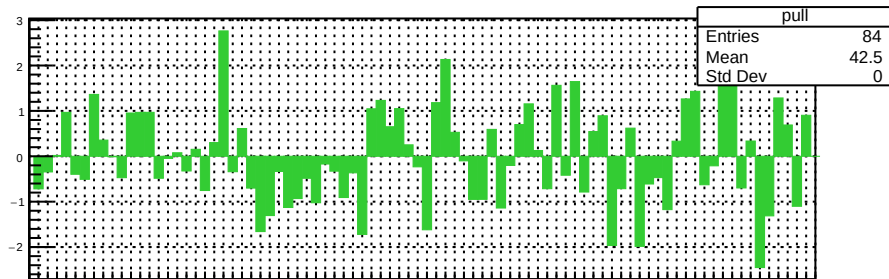
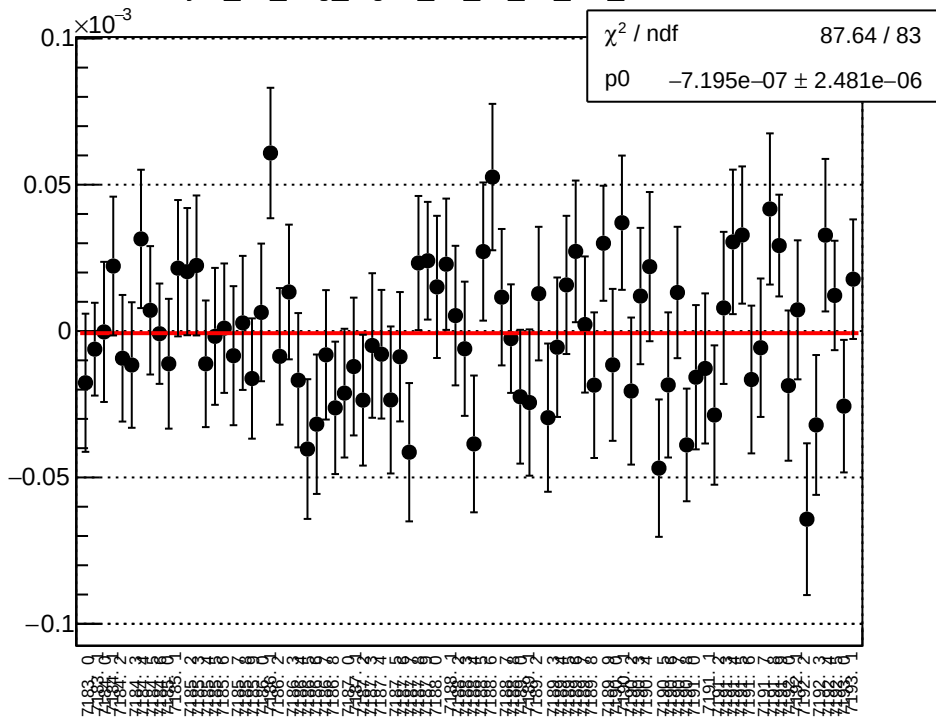
asym_us_avg_dit_vs_overload_cor_diff_mean vs run



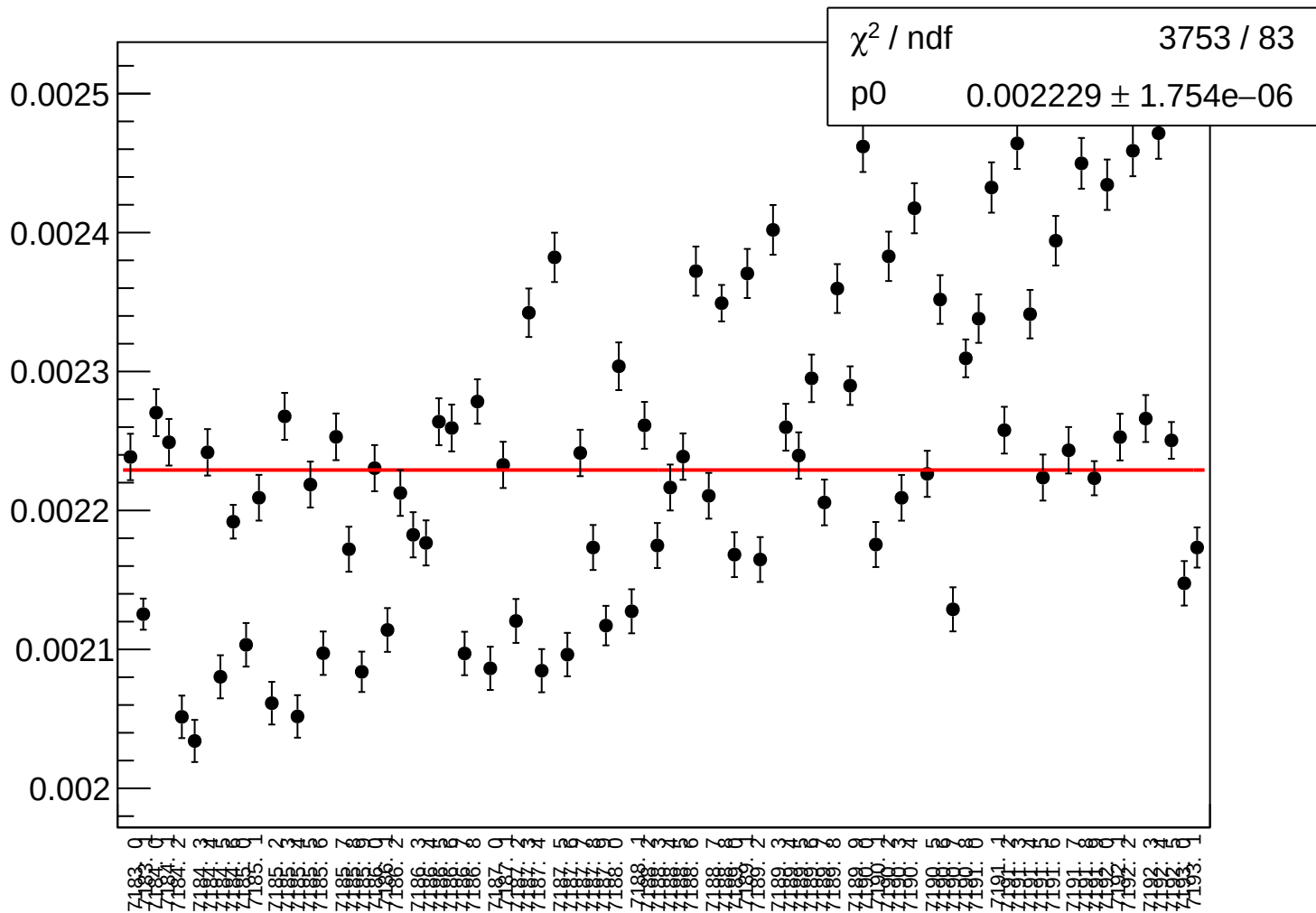
asym_us_avg_dit_vs_overload_cor_diff_rms vs run



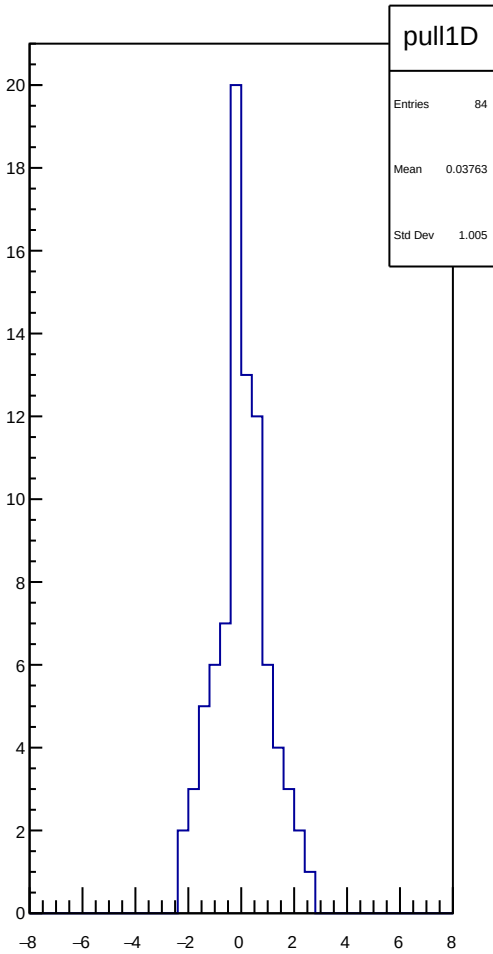
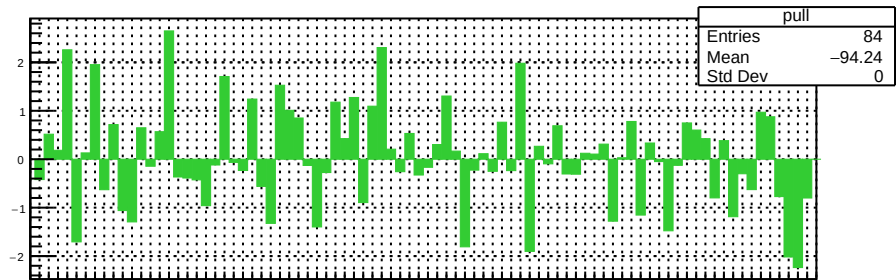
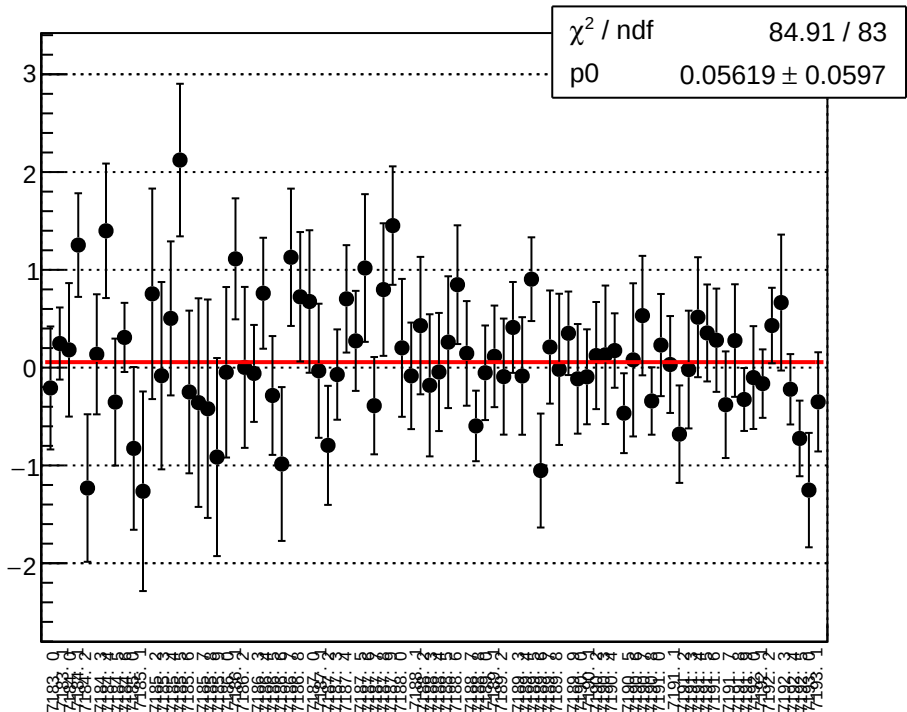
asym_us_avg_eigen_dit_vs_dit_diff_mean vs run



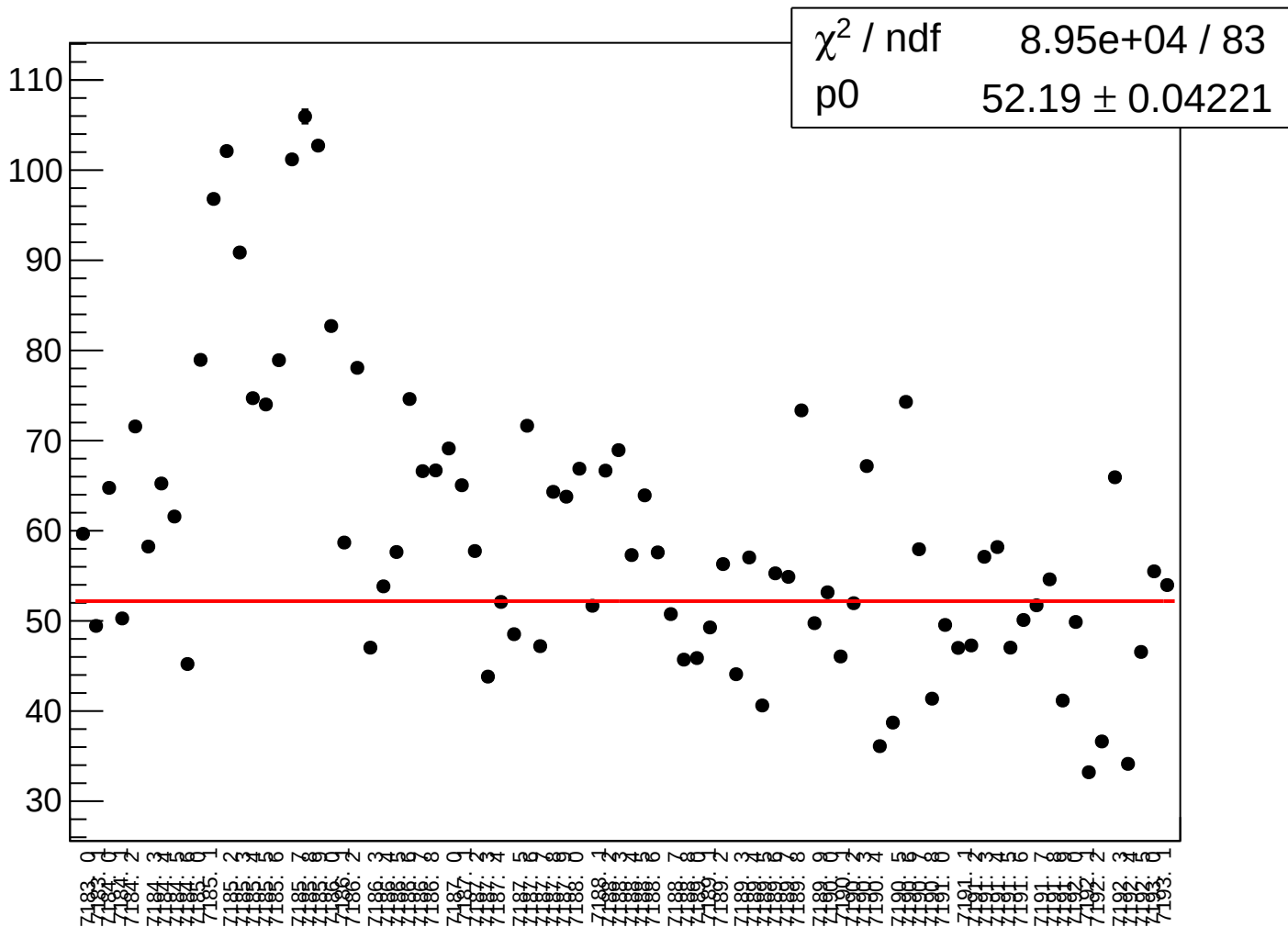
asym_us_avg_eigen_dit_vs_dit_diff_rms vs run



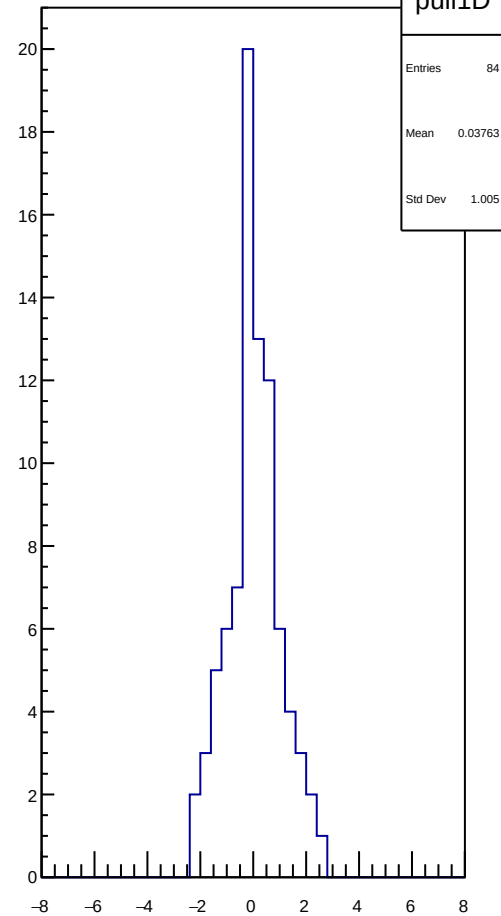
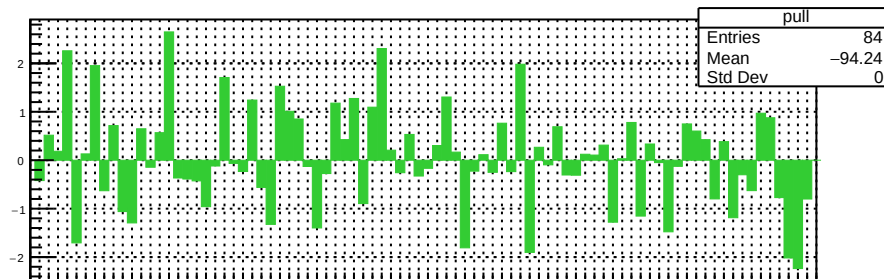
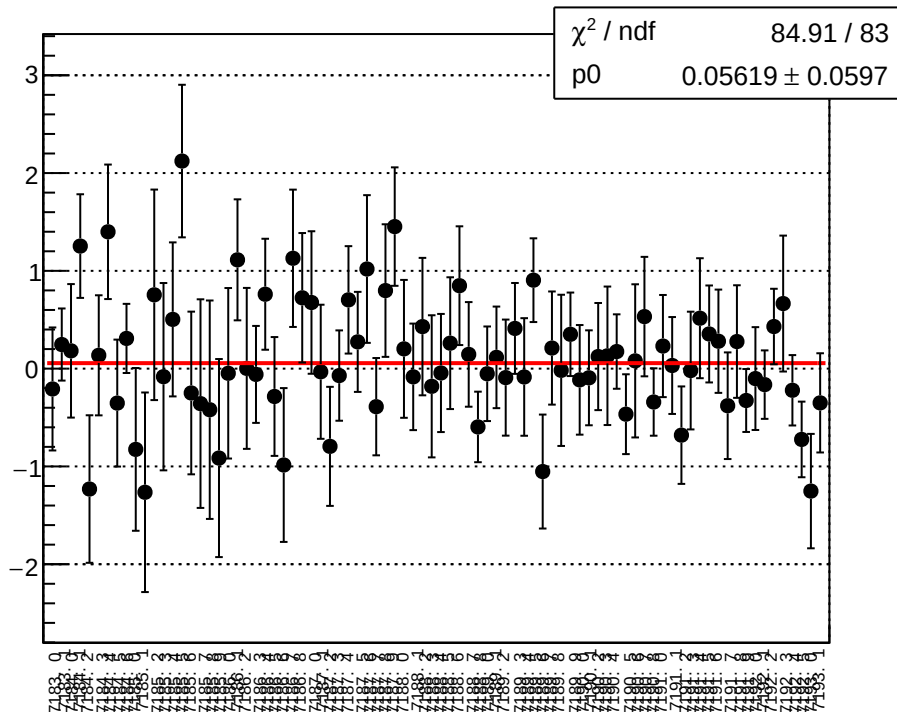
asym_us_avg_eigen_dit_vs_cor_diff_mean vs run



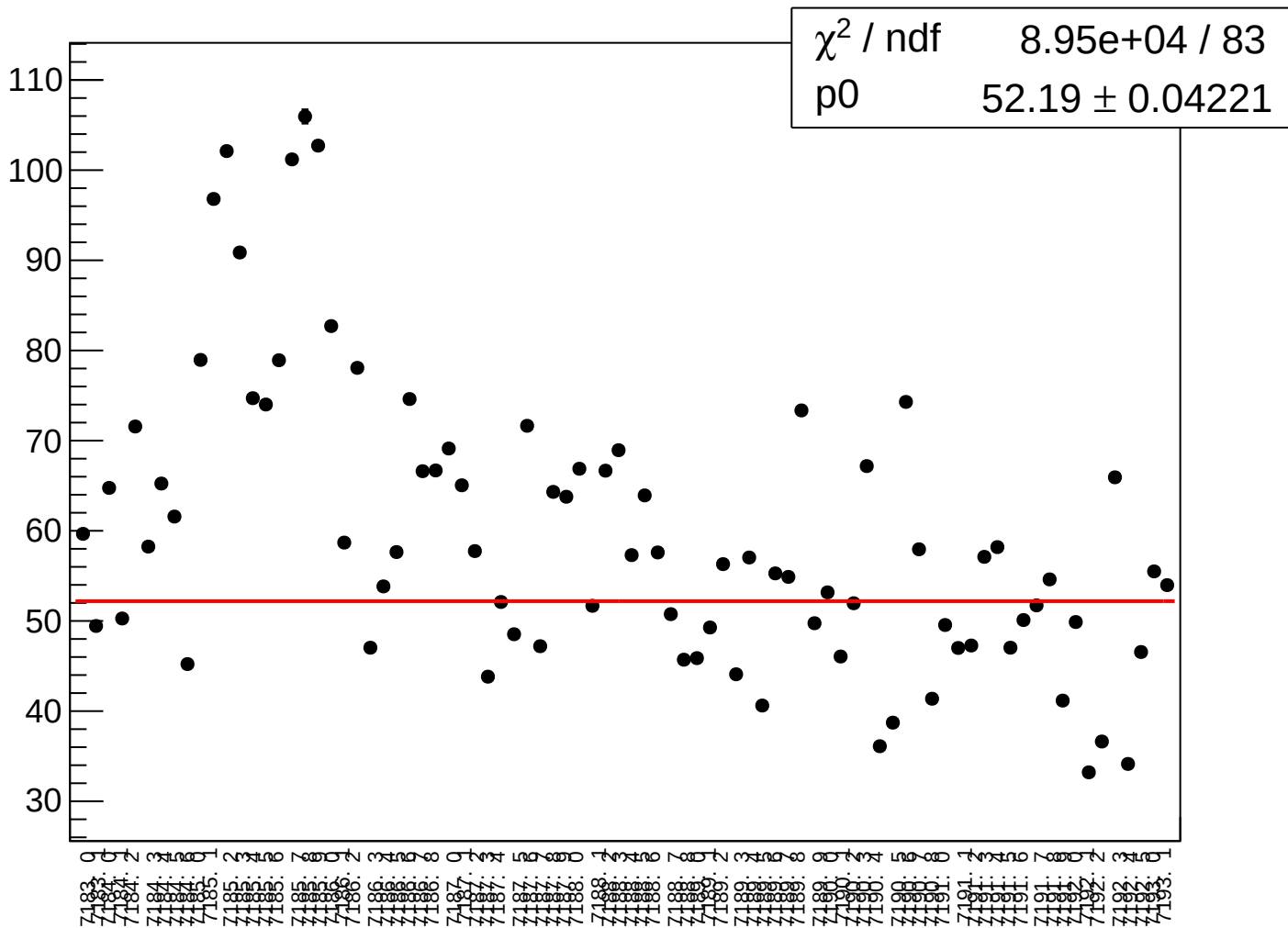
asym_us_avg_eigen_dit_vs_cor_diff_rms vs run



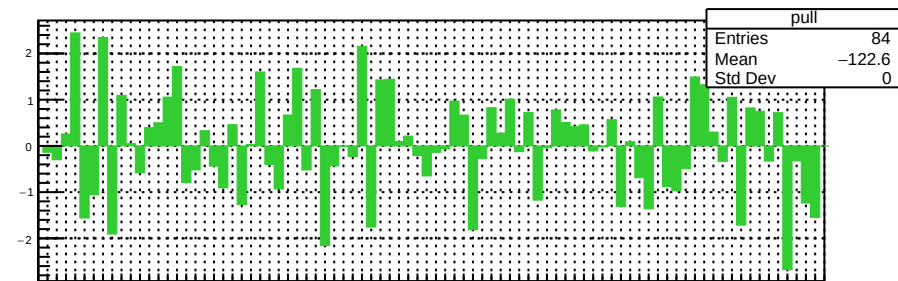
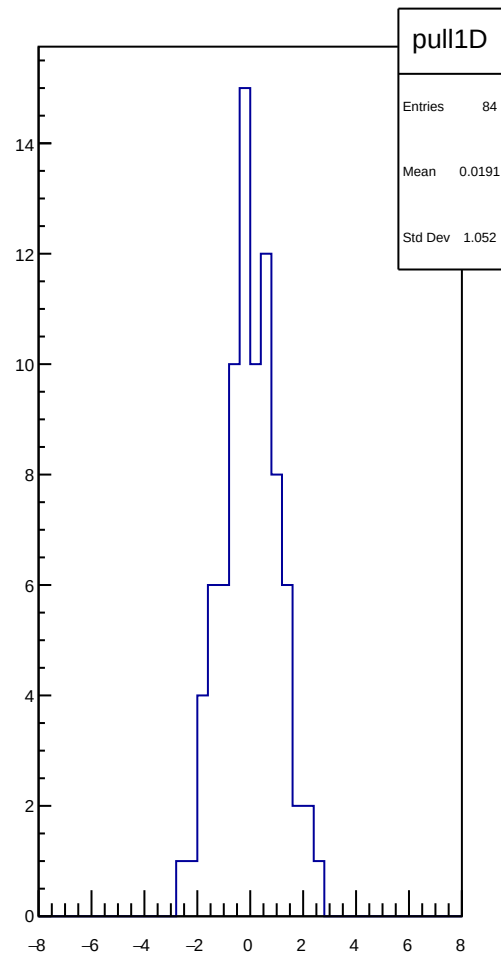
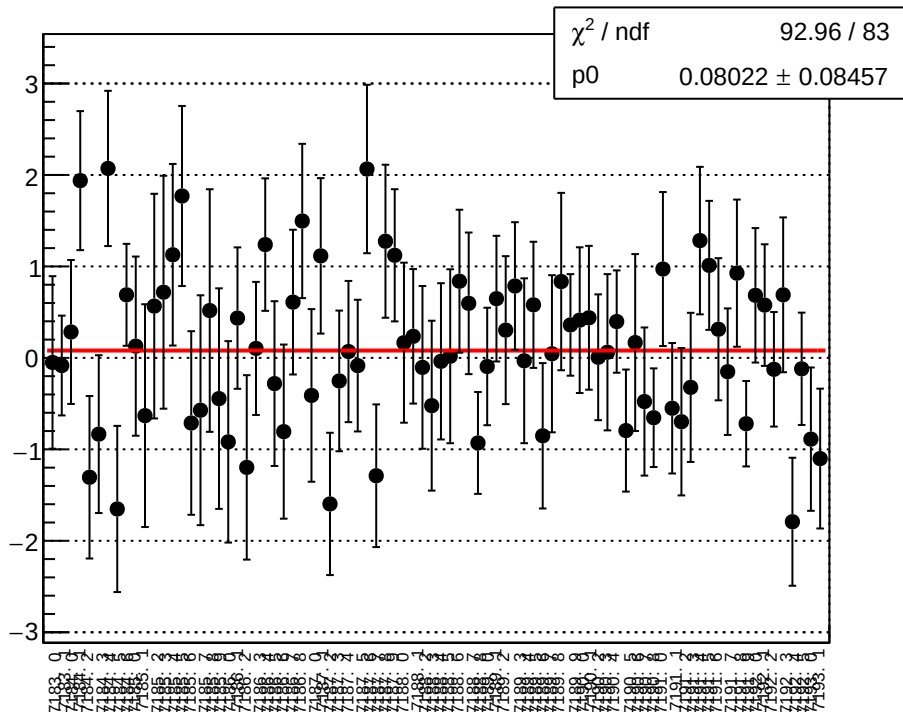
asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



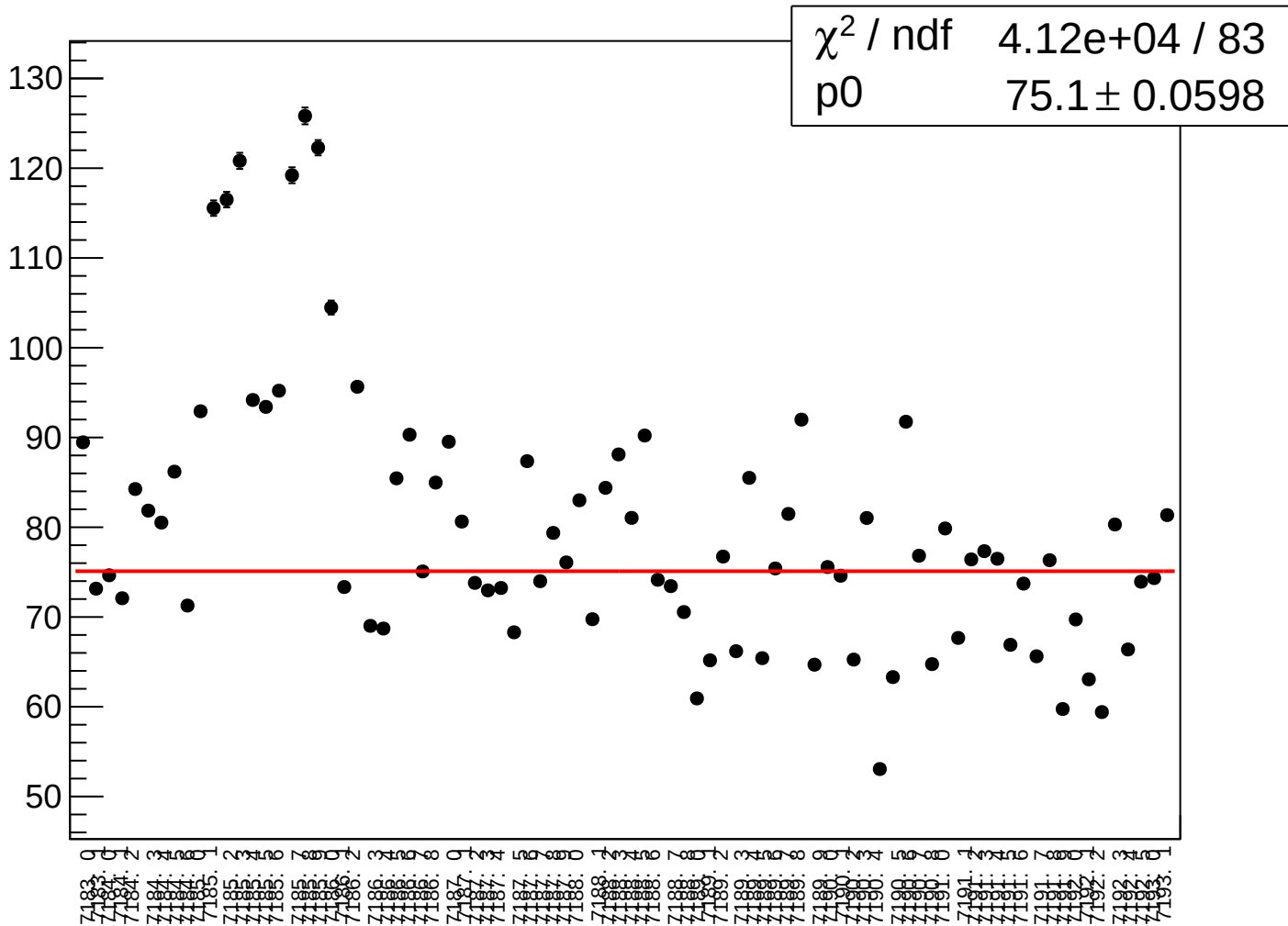
asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



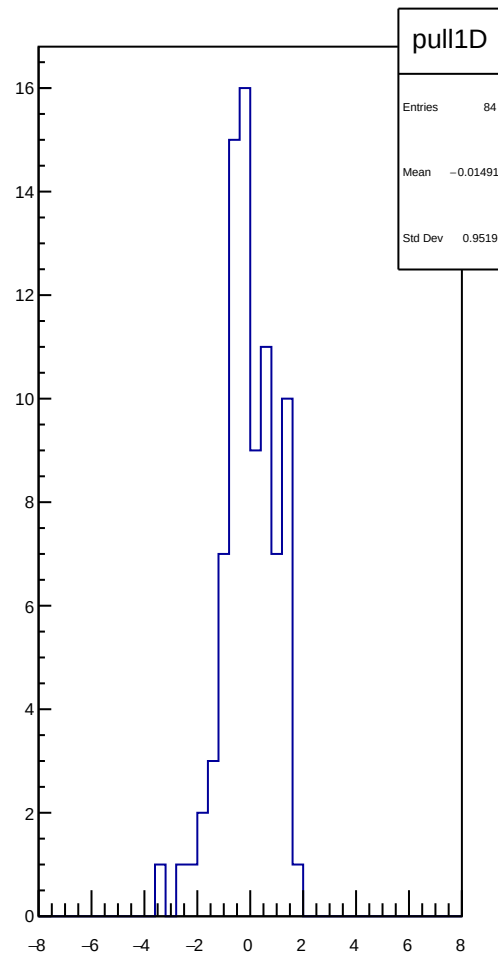
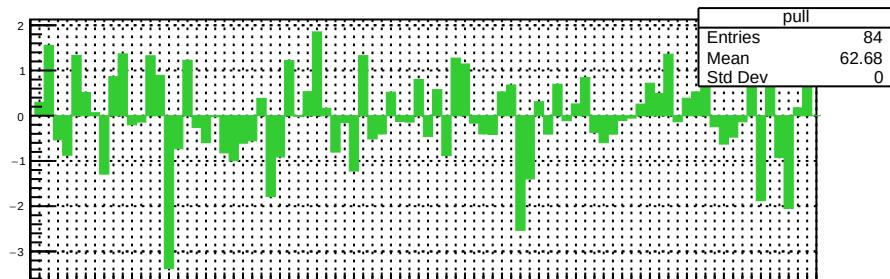
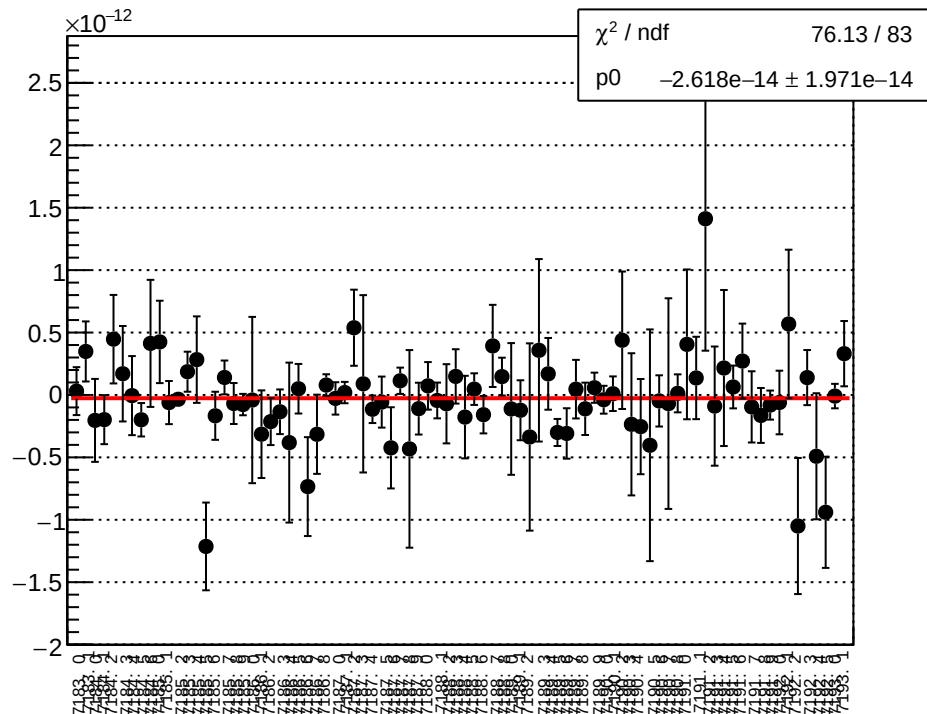
asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs run



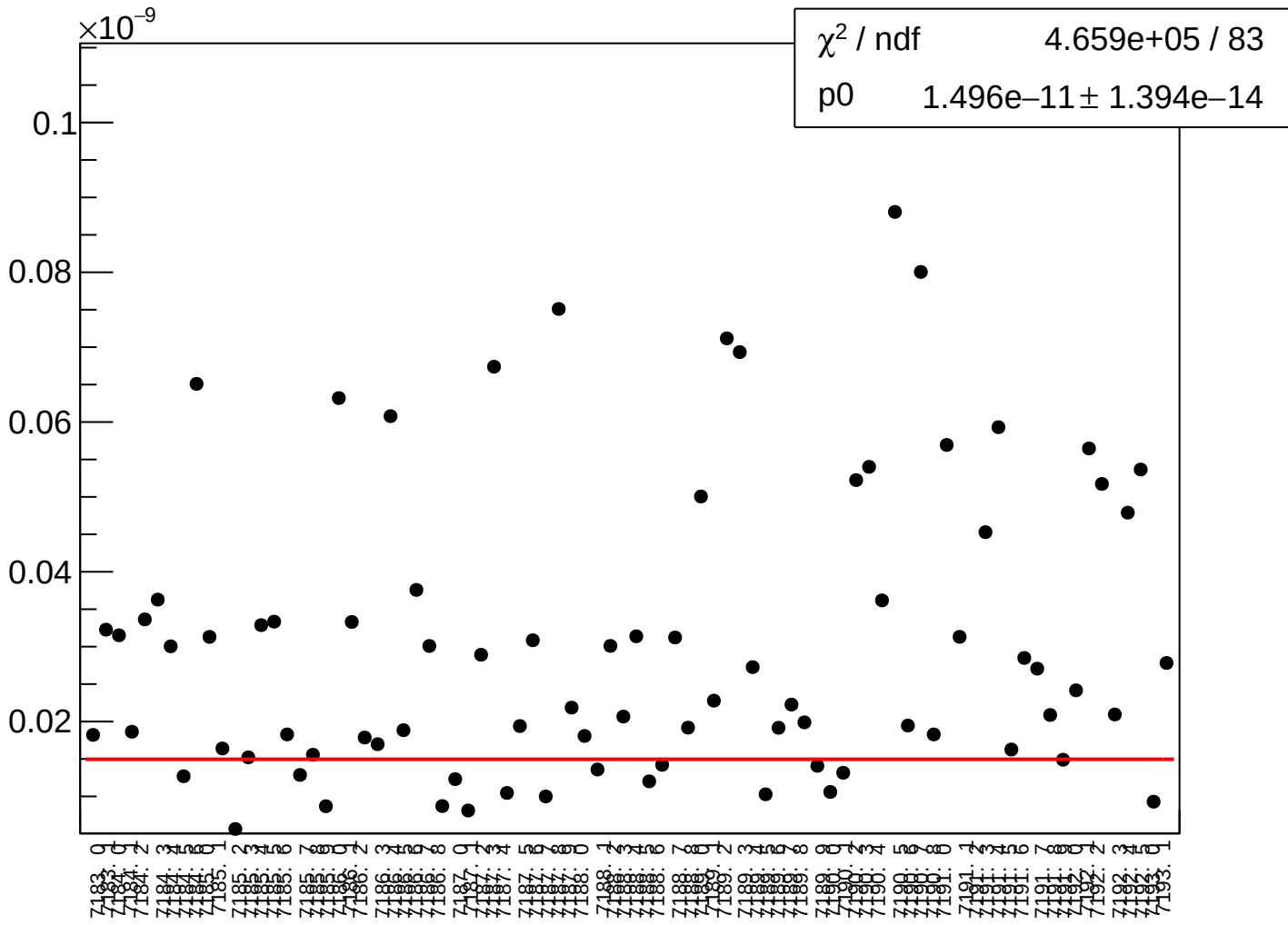
asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs run



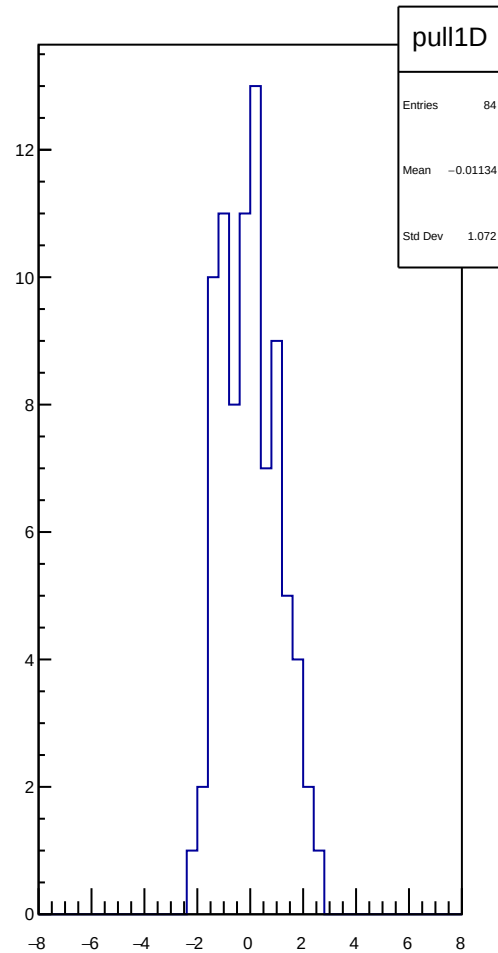
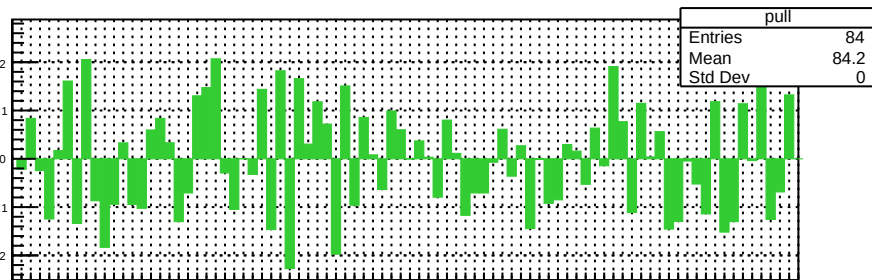
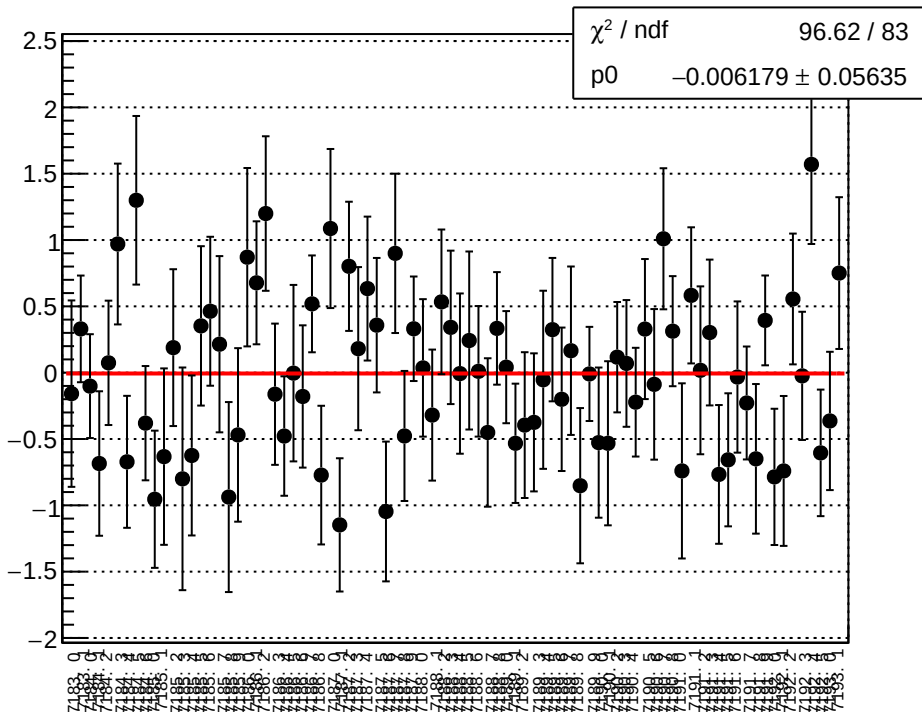
asym_us_avg_eigen_cor_vs_cor_diff_mean vs run



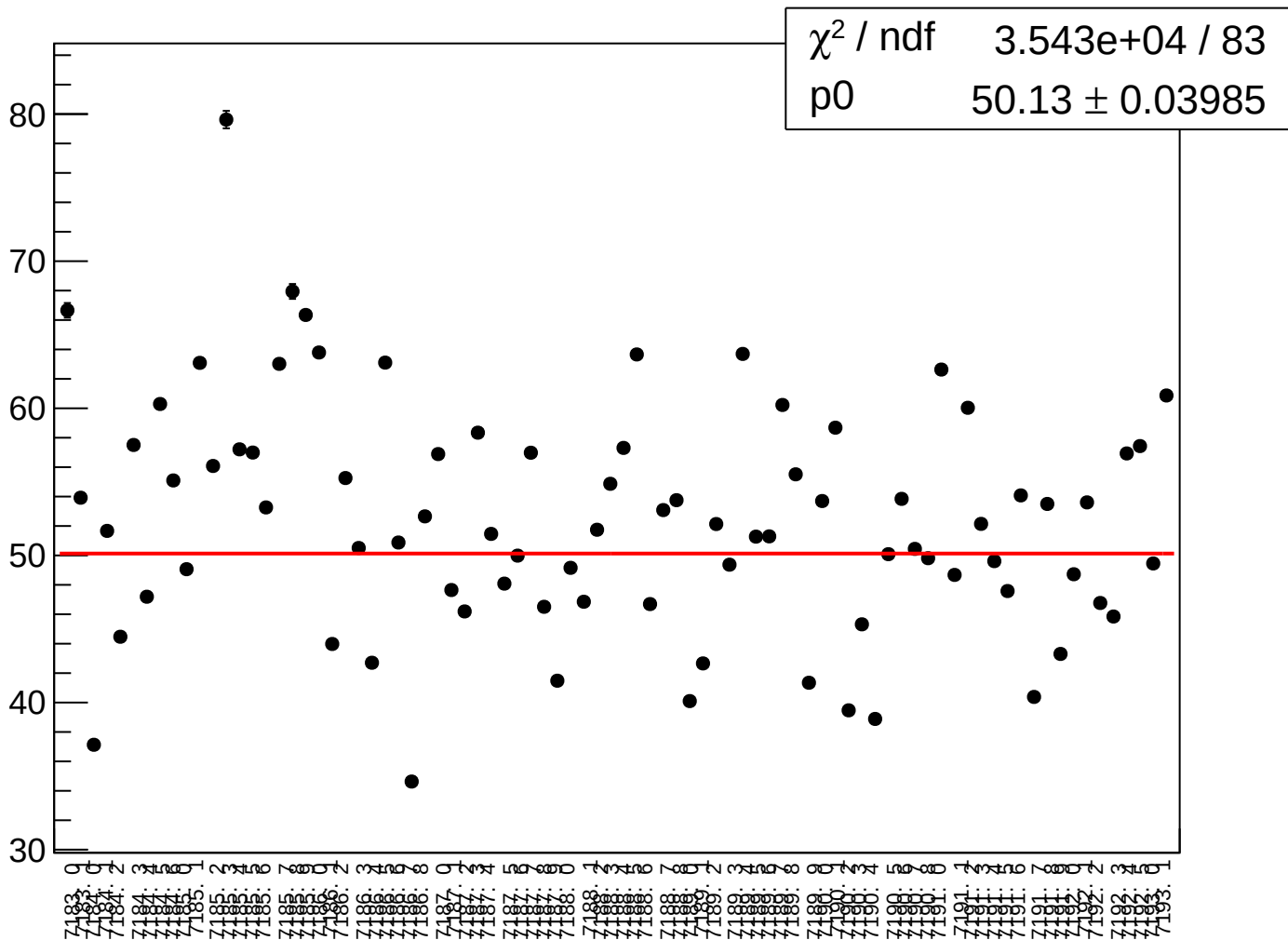
asym us avg eigen cor vs cor diff rms vs run



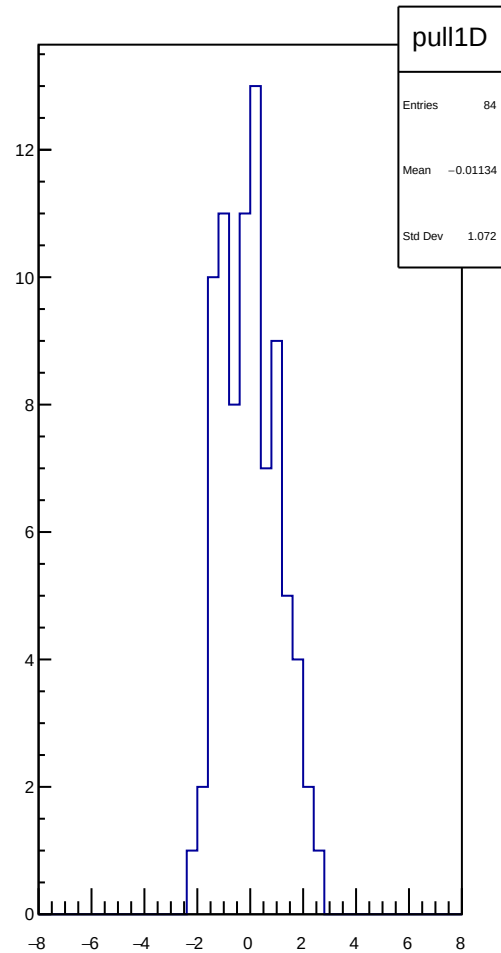
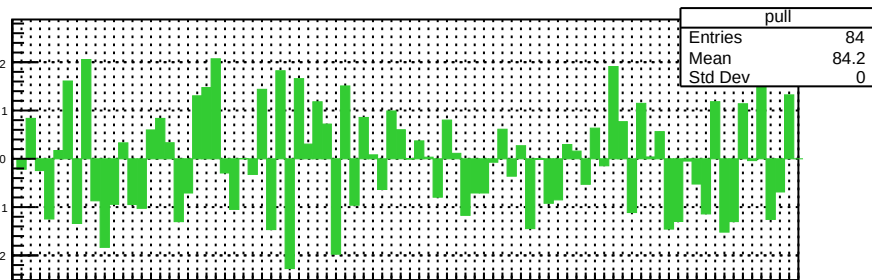
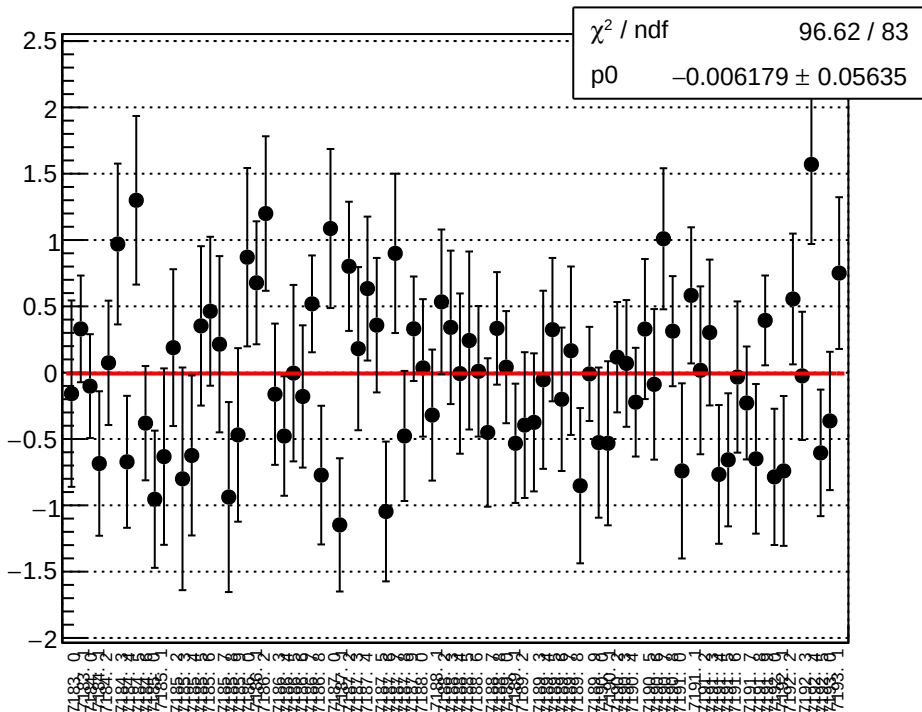
asym_us_avg_overload_cor_vs_cor_diff_mean vs run



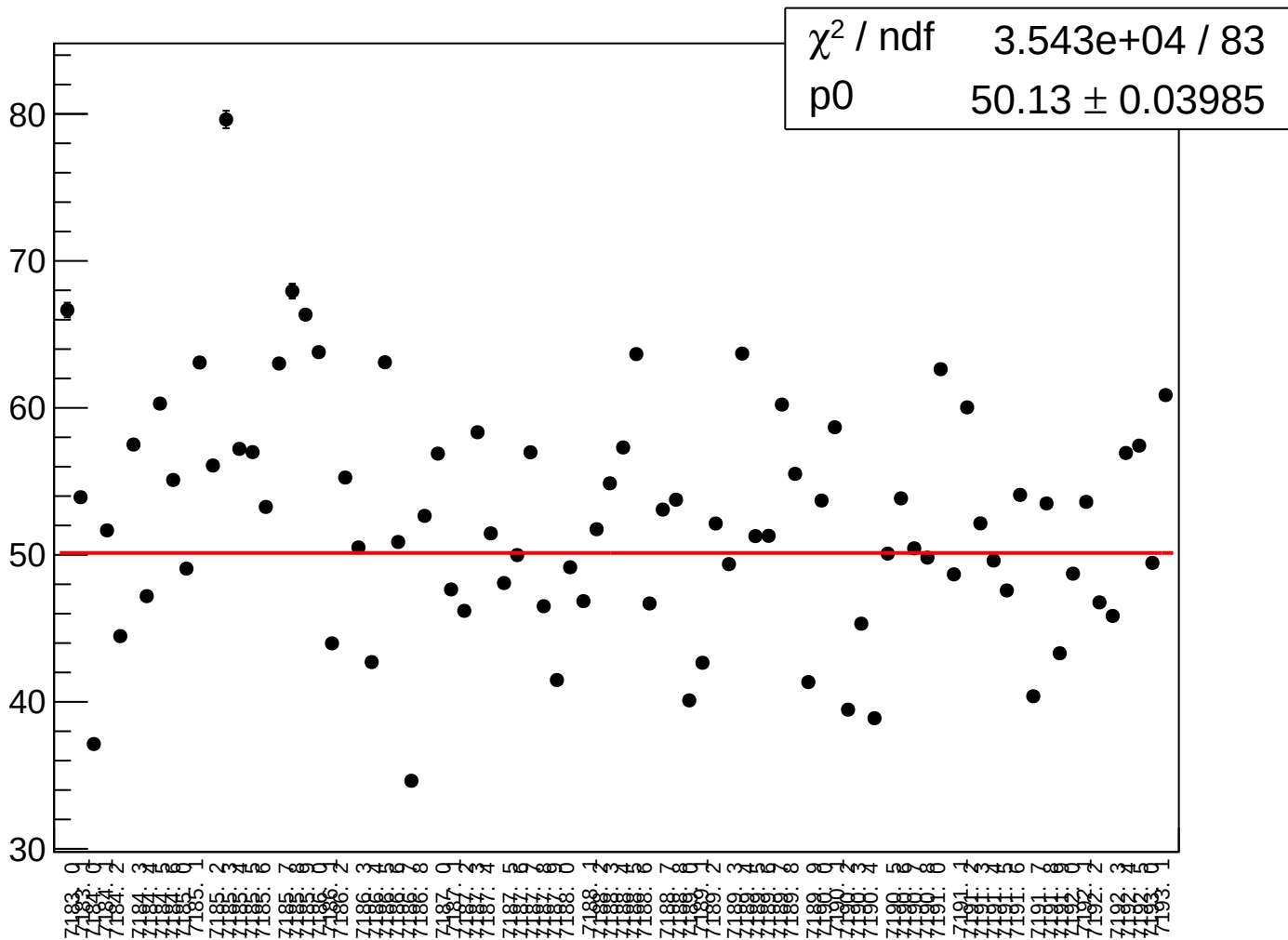
asym_us_avg_overload_cor_vs_cor_diff_rms vs run



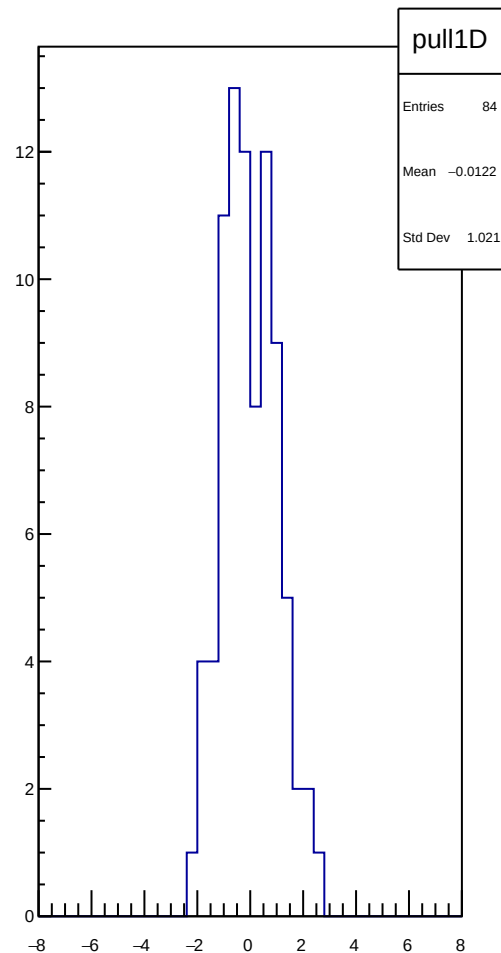
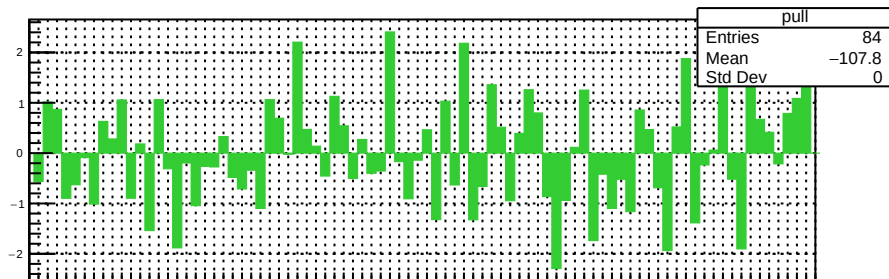
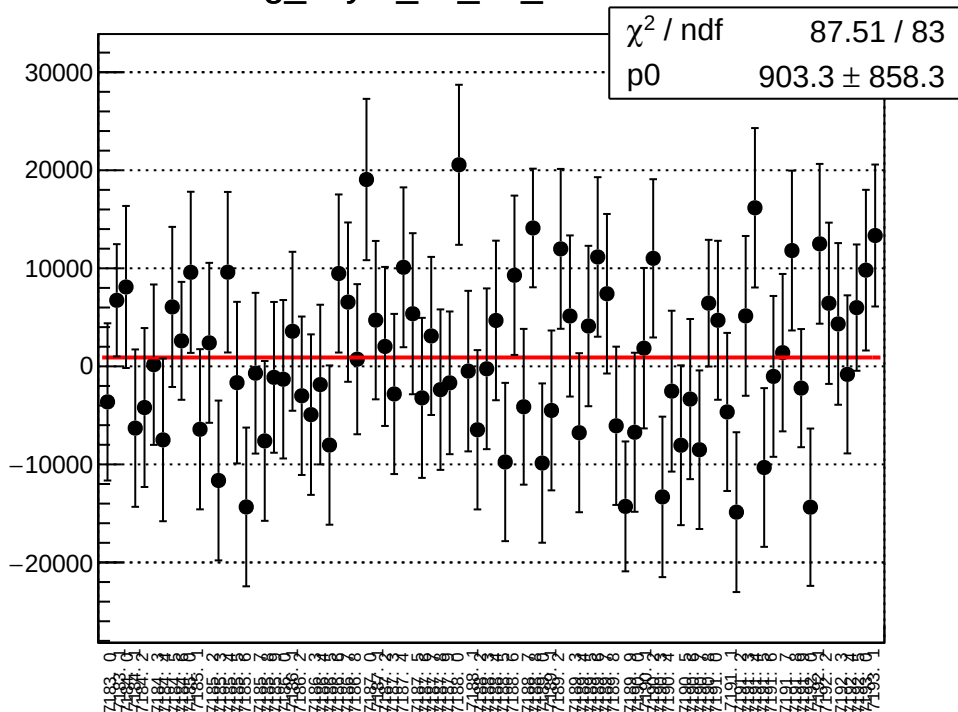
asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs run



asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs run



reg_asym_us_dd_mean vs run



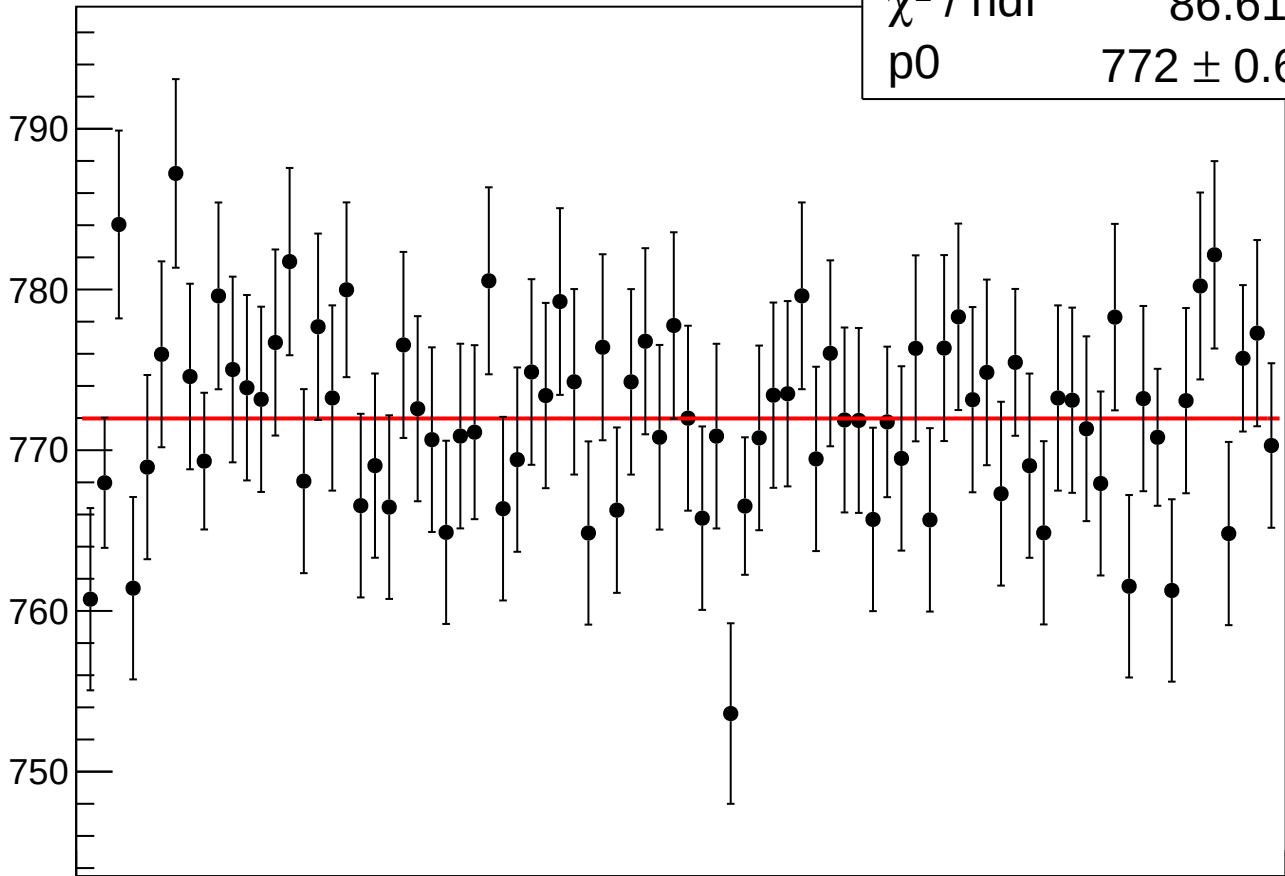
reg_asym_us_dd_rms vs run

χ^2 / ndf

86.61 / 83

p0

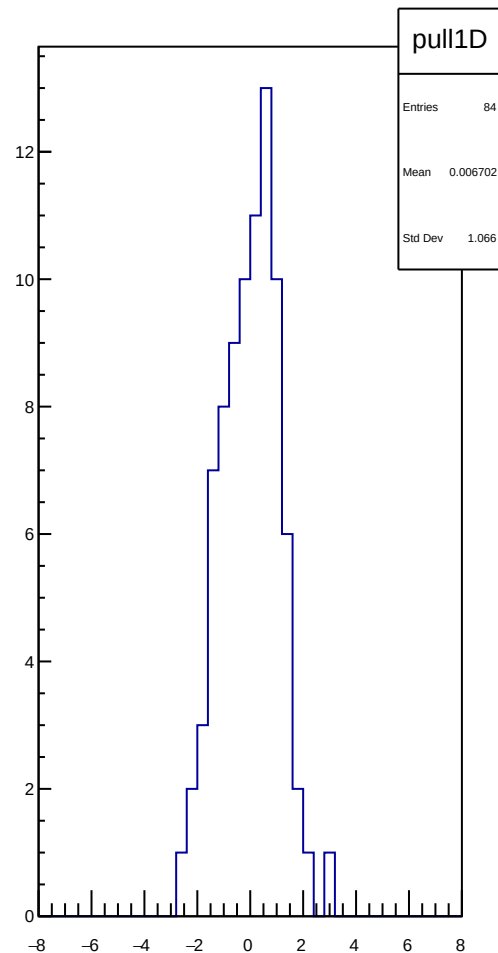
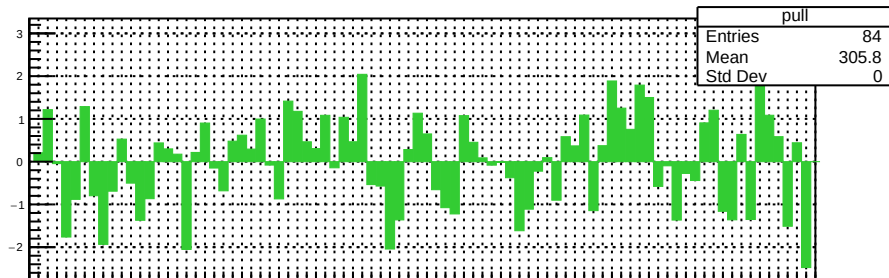
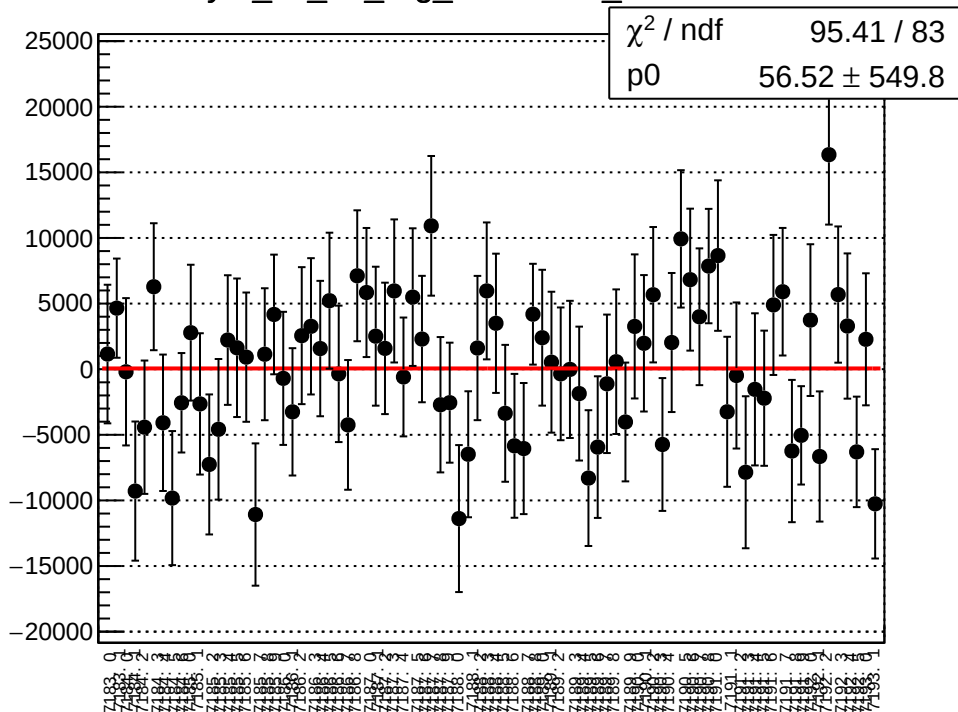
772 ± 0.6069



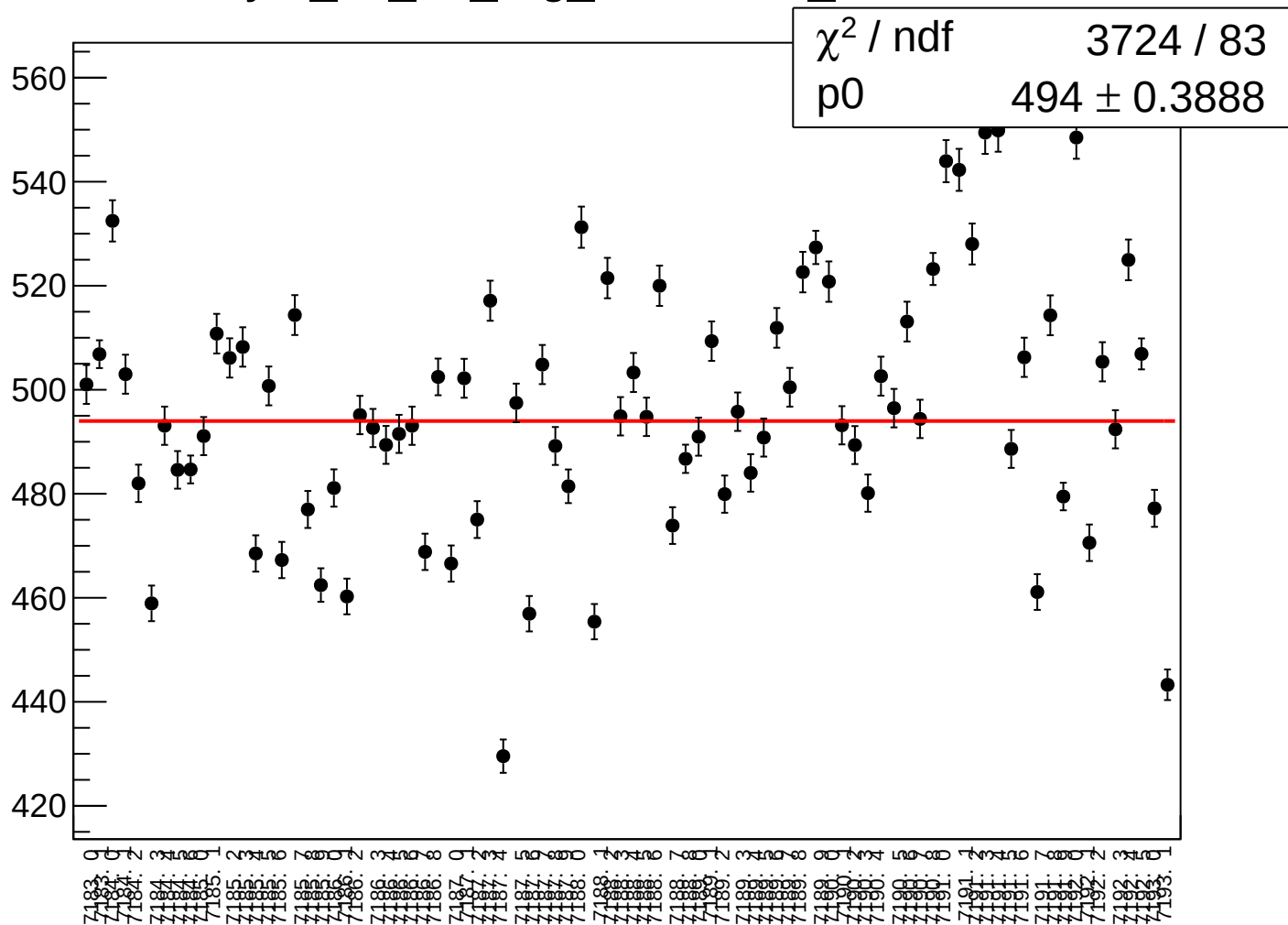
run

7183 7184 7185 7186 7187 7188 7189 7190 7191 7192 7193

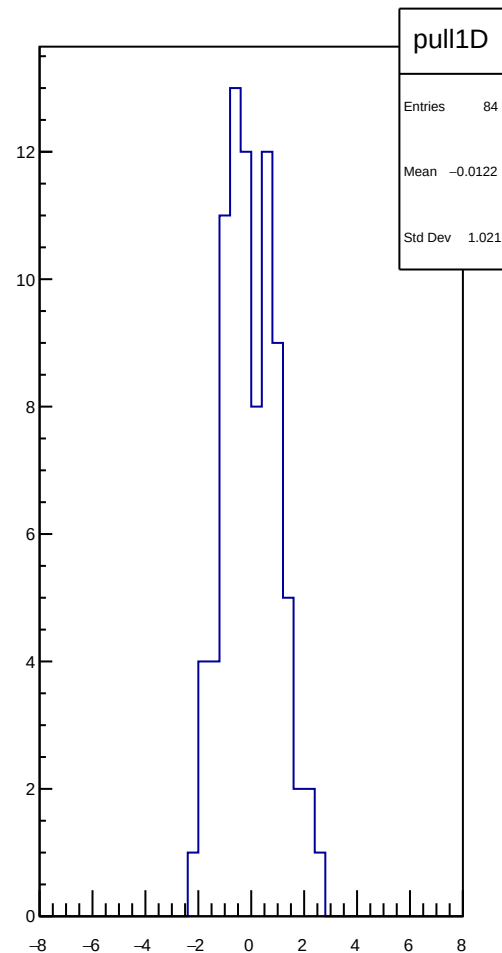
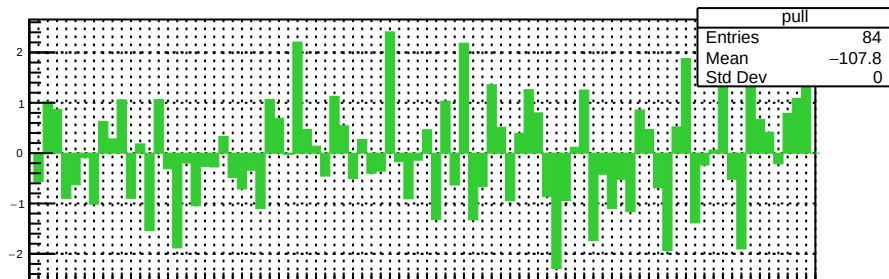
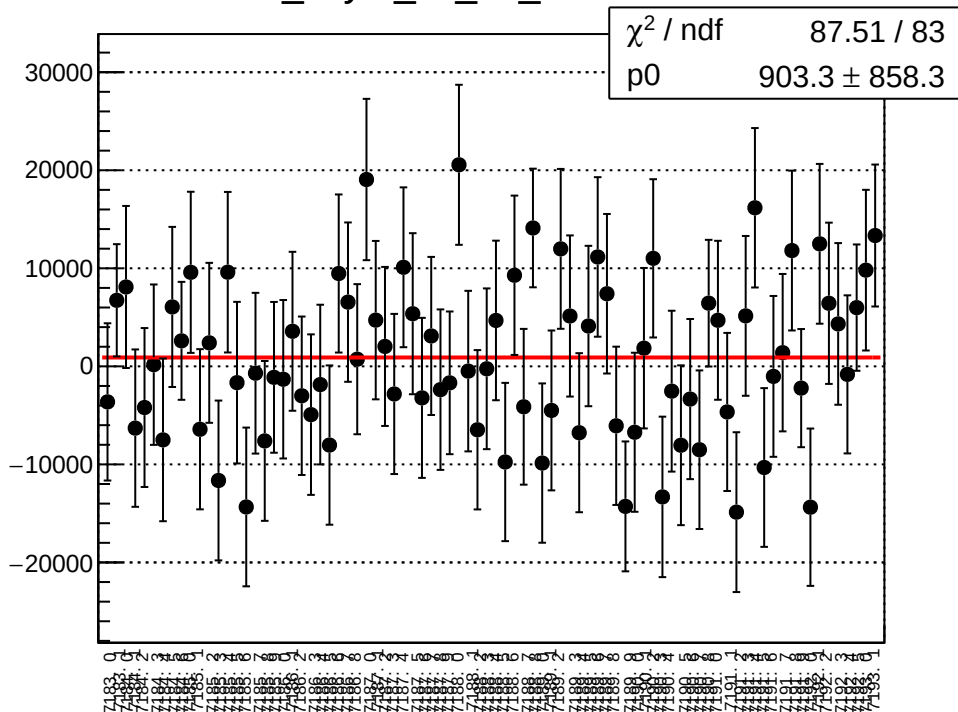
asym_us_dd_reg_correction_mean vs run



asym_us_dd_reg_correction_rms vs run

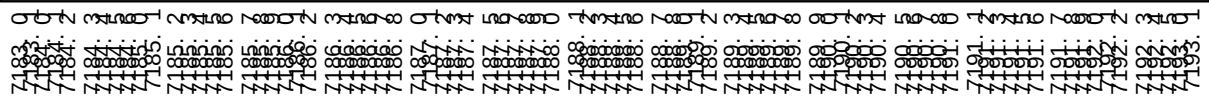


cor_asym_us_dd_mean vs run

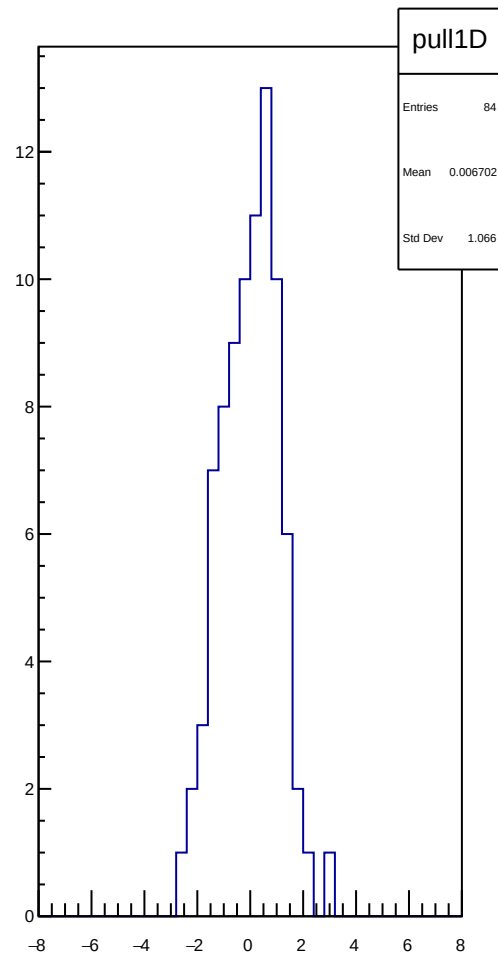
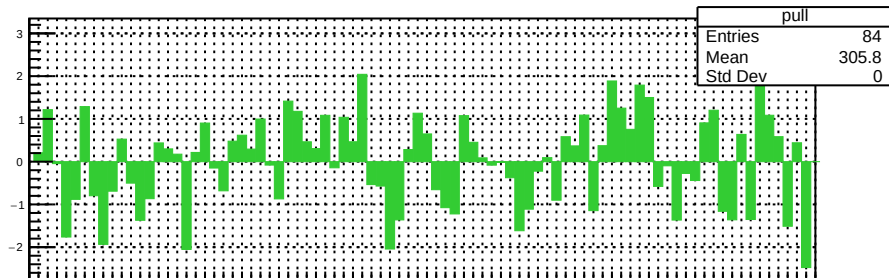
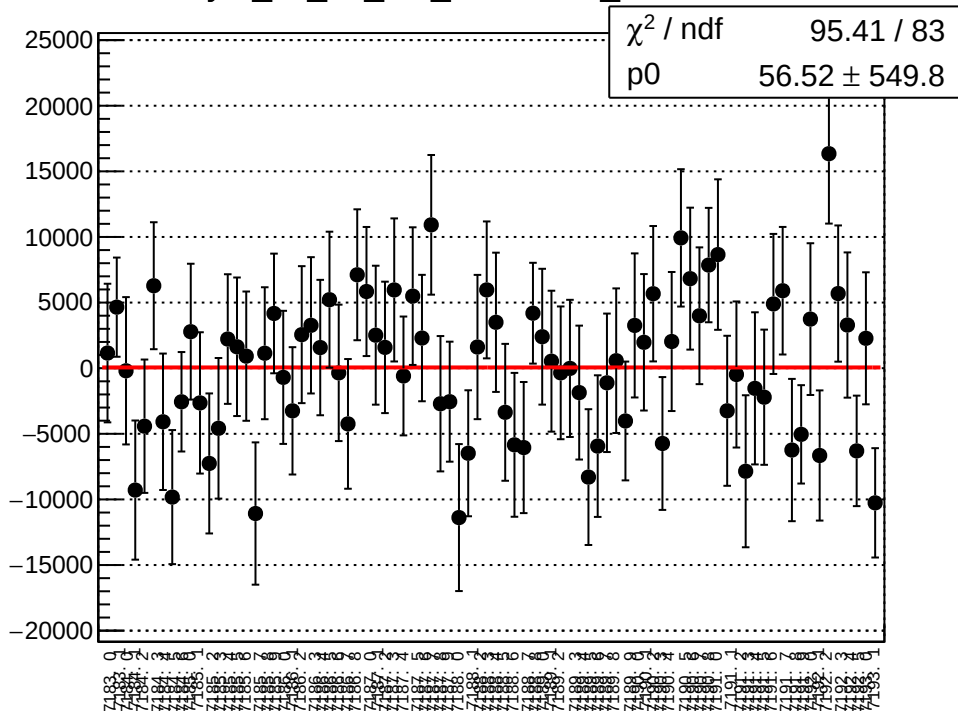


χ^2 / ndf

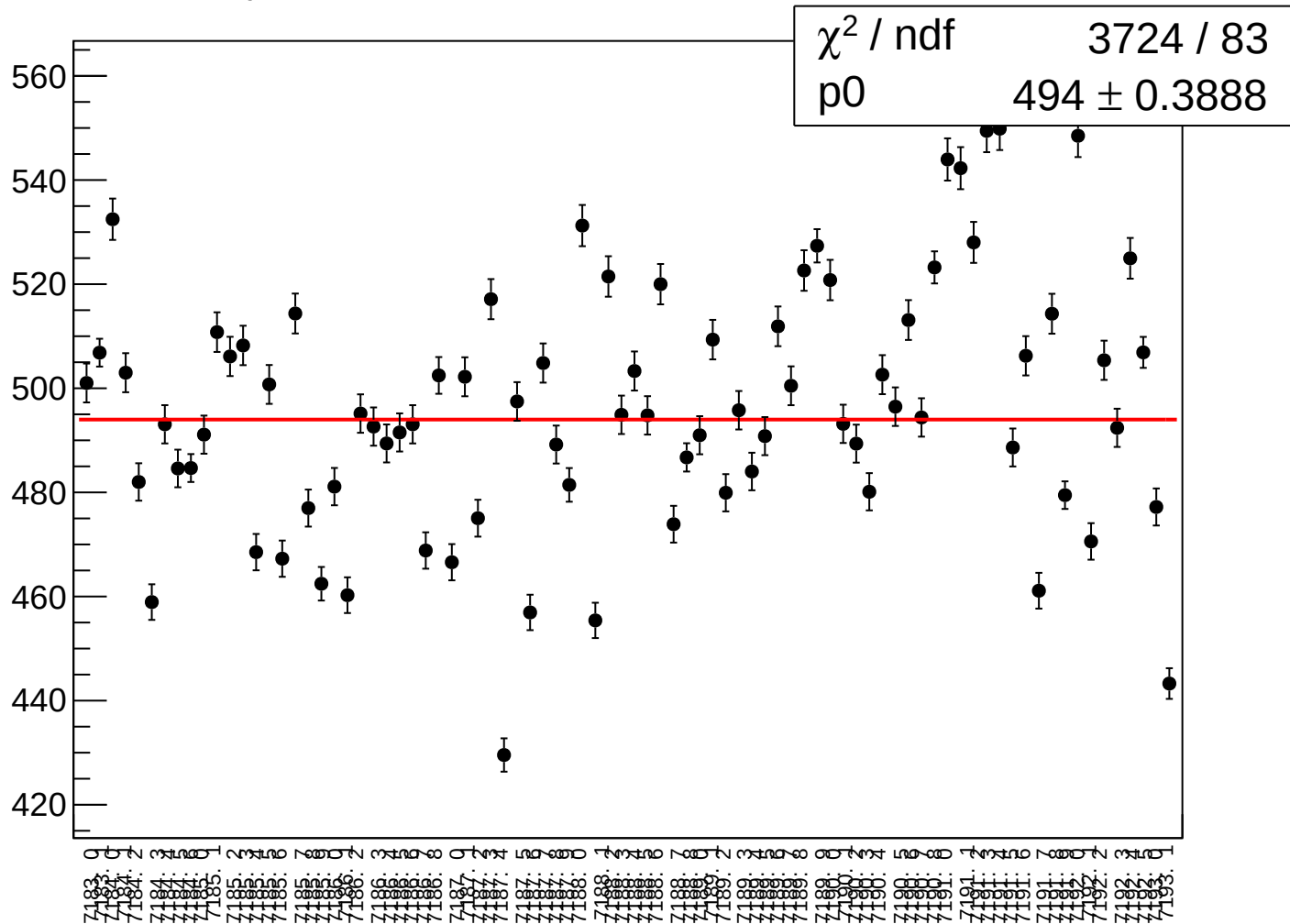
p0

$$772 \pm 0.6069$$


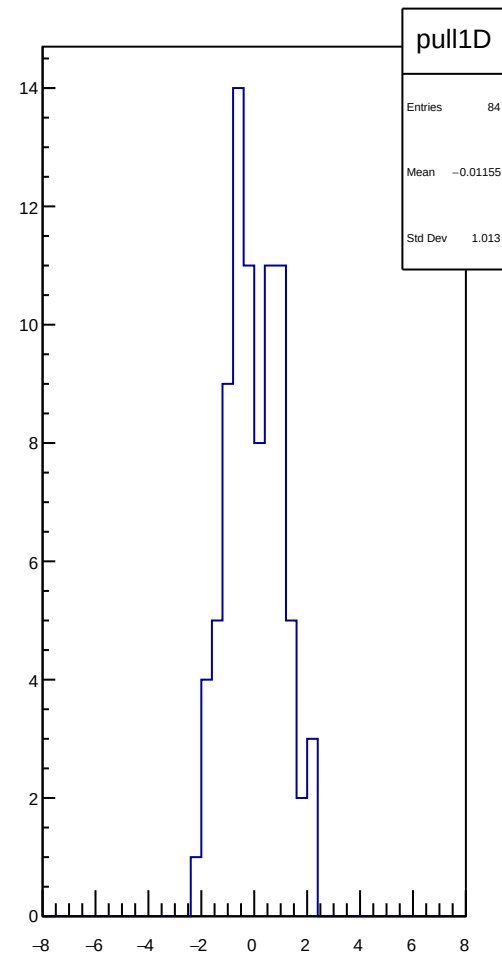
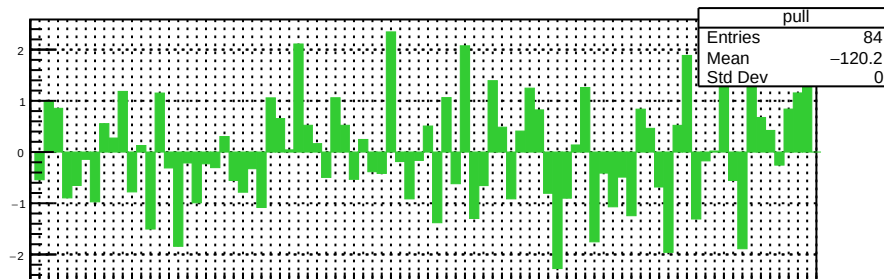
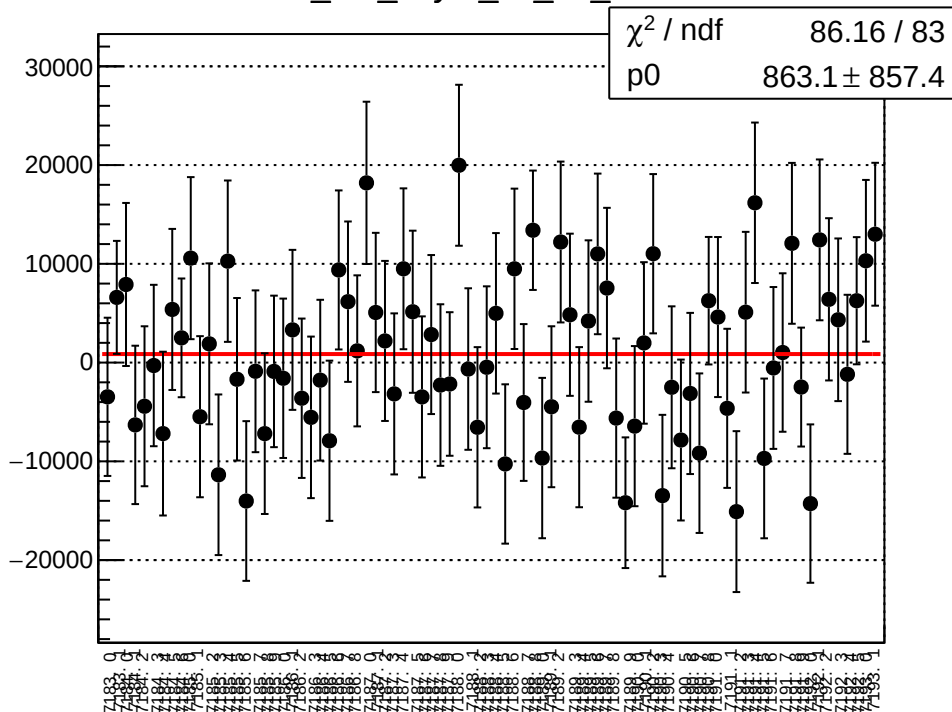
asym_us_dd_cor_correction_mean vs run



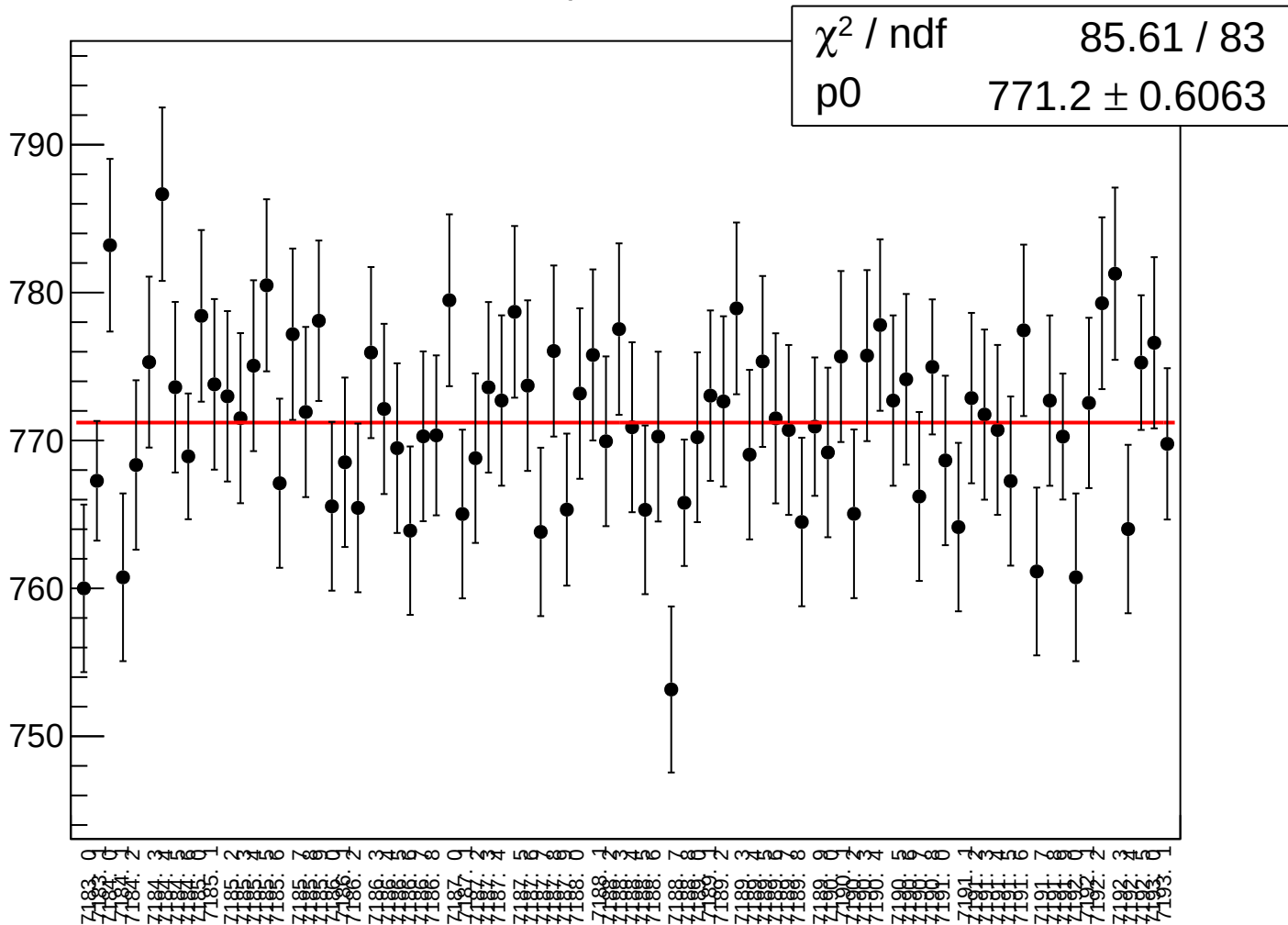
asym_us_dd_cor_correction_rms vs run



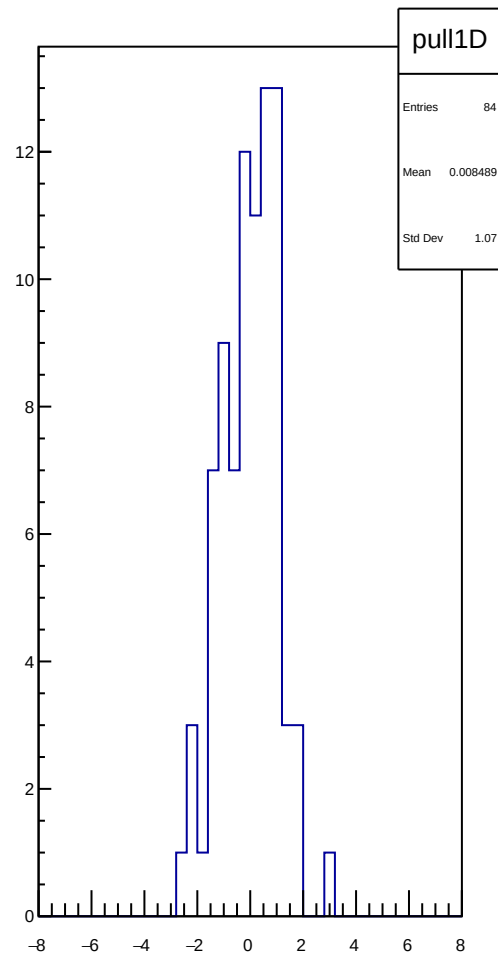
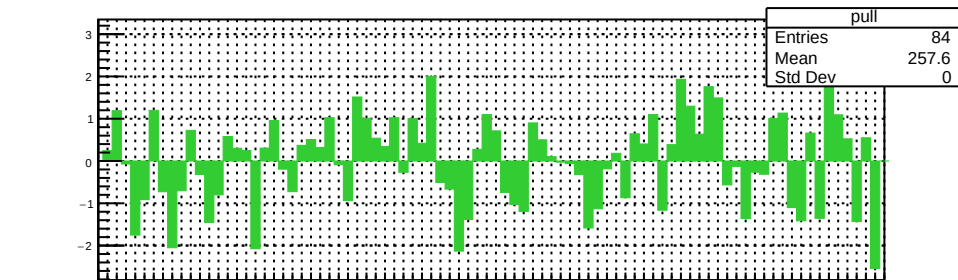
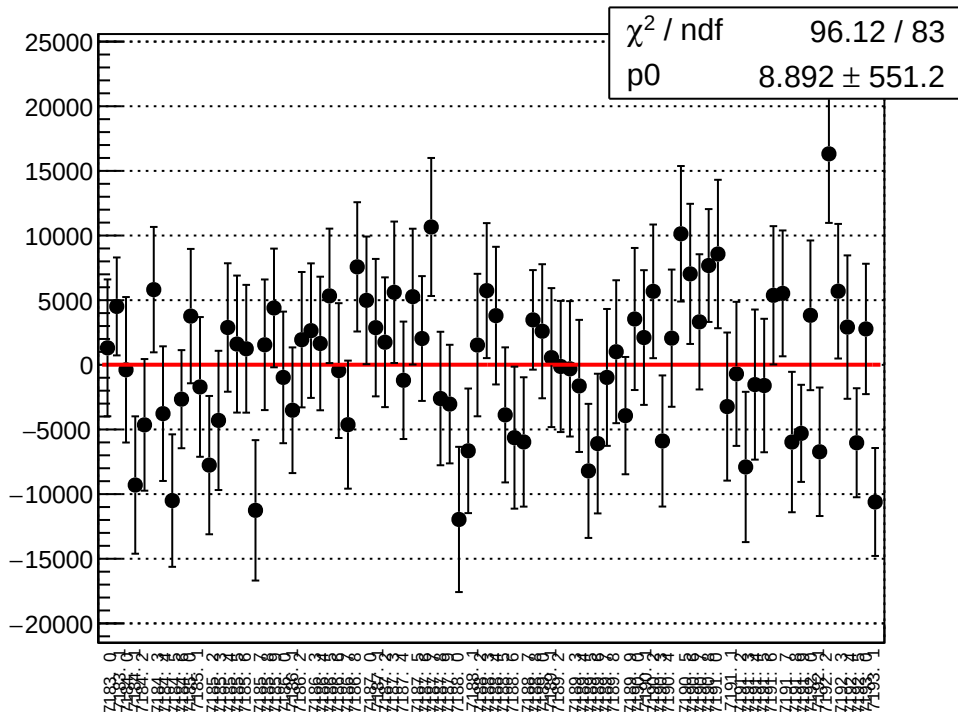
overload_cor_asym_us_dd_mean vs run



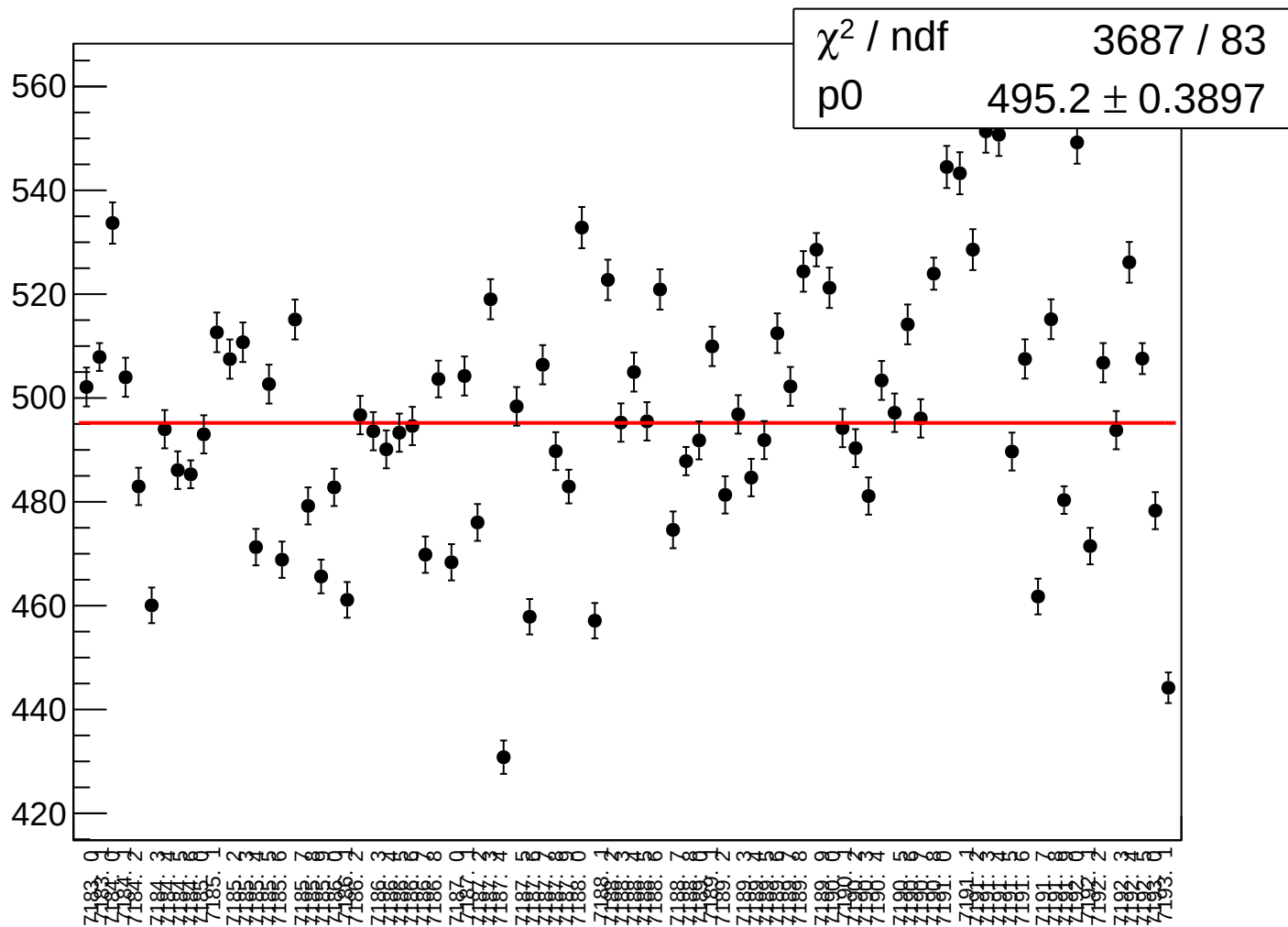
overload_cor_asym_us_dd_rms vs run



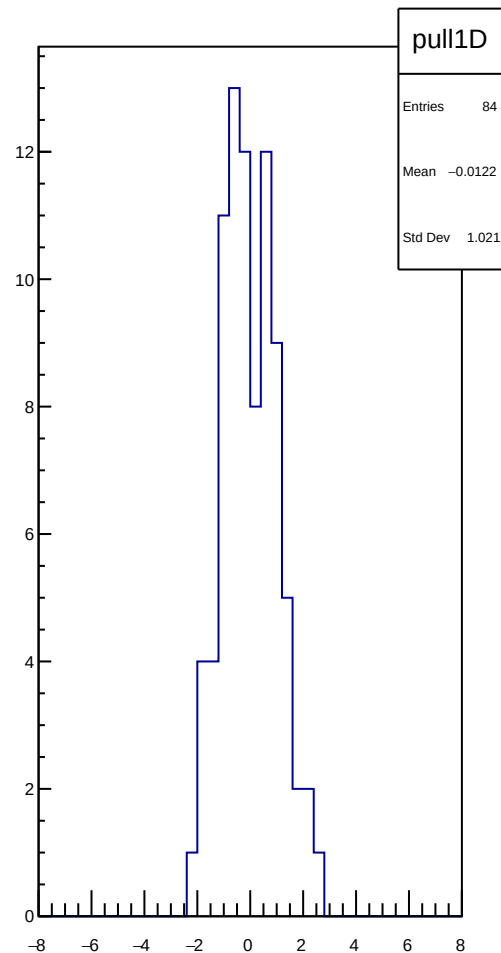
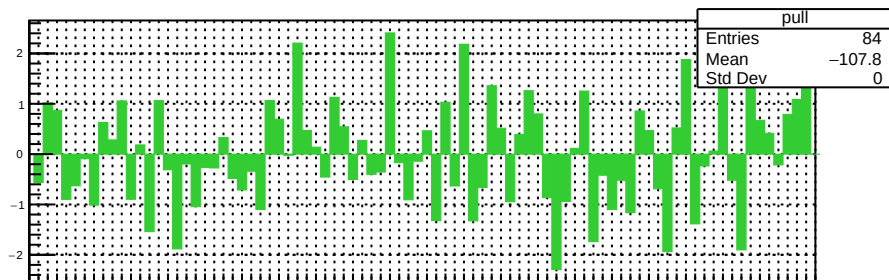
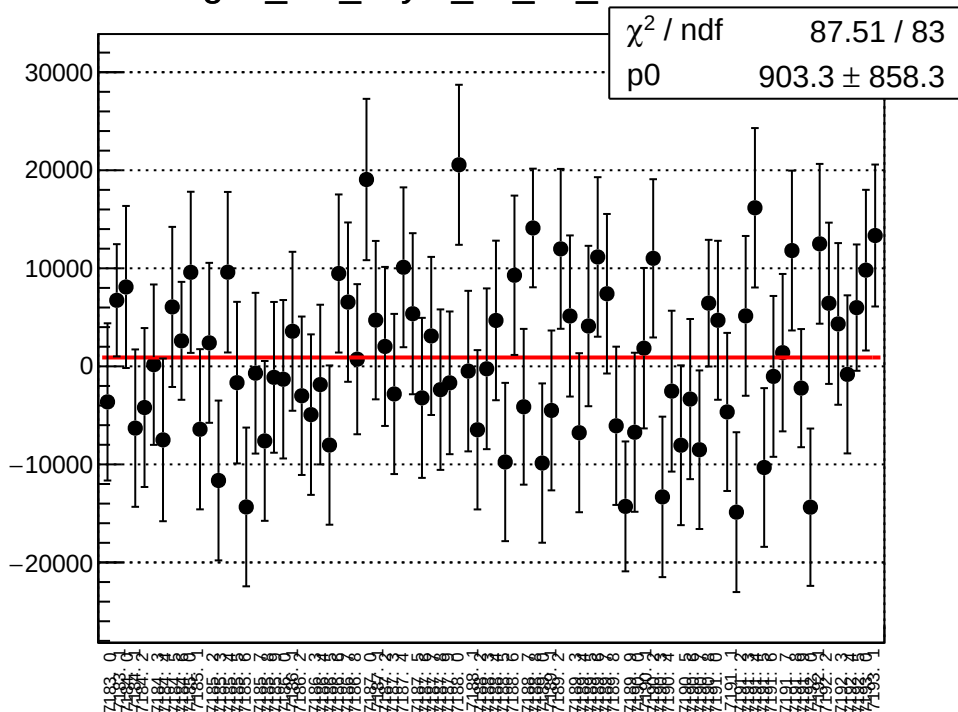
asym_us_dd_overload_cor_correction_mean vs run



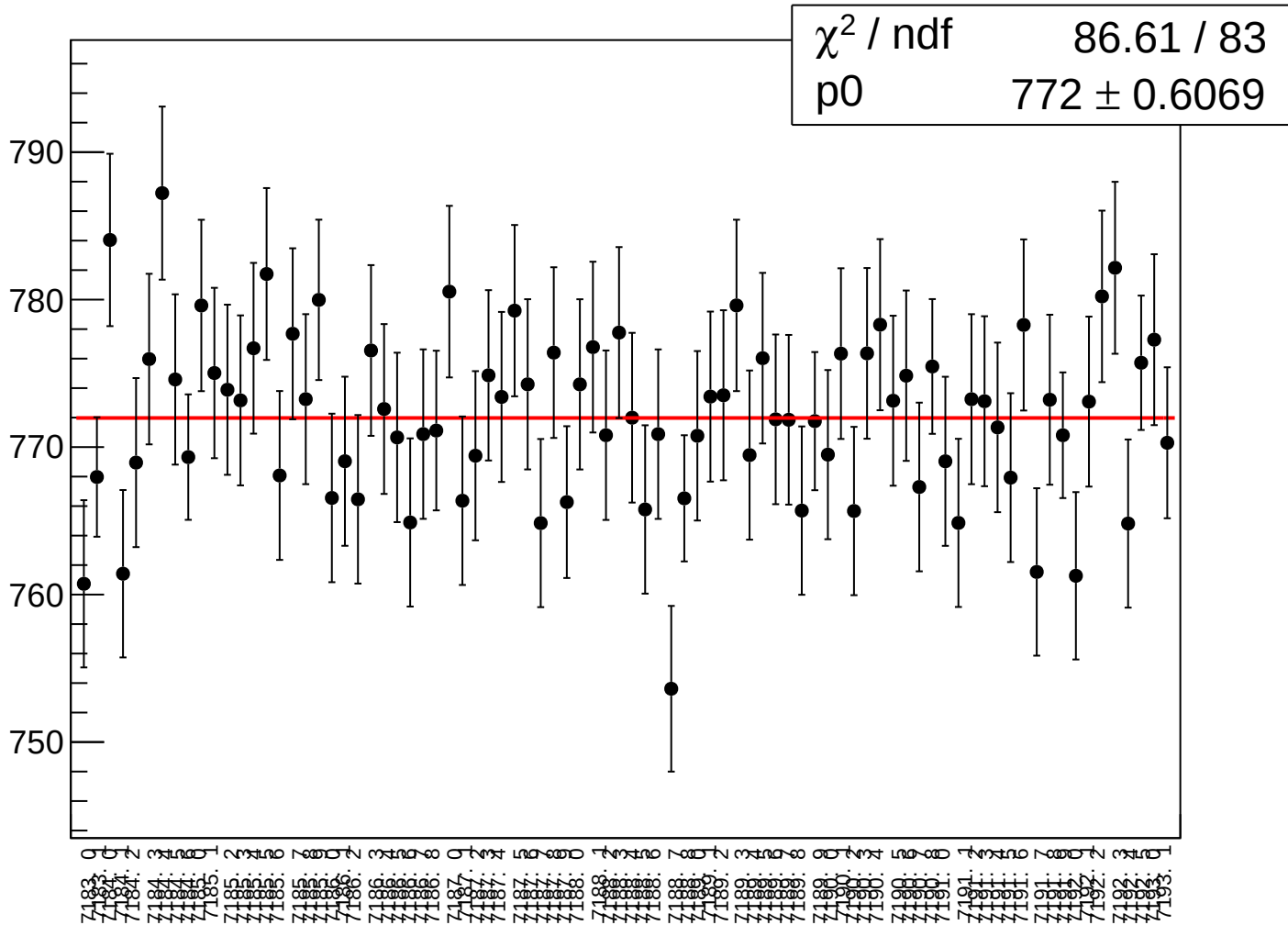
asym_us_dd_overload_cor_correction_rms vs run



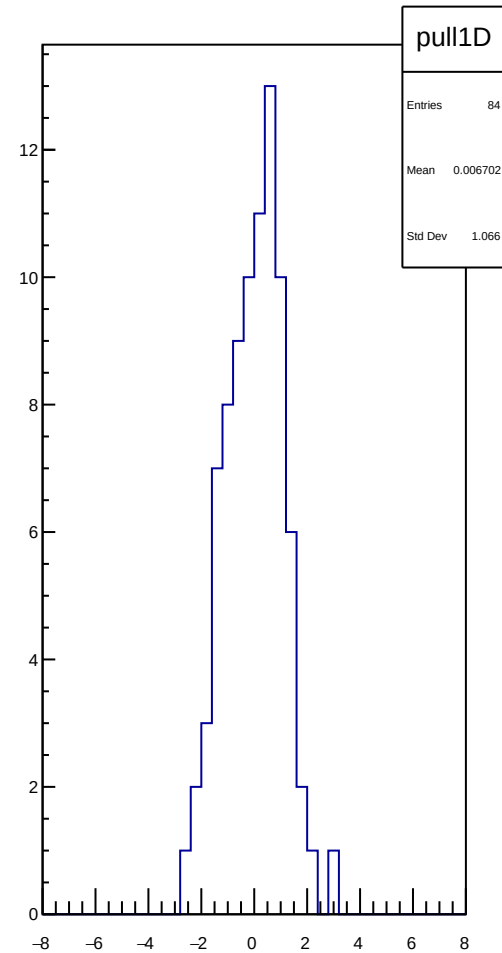
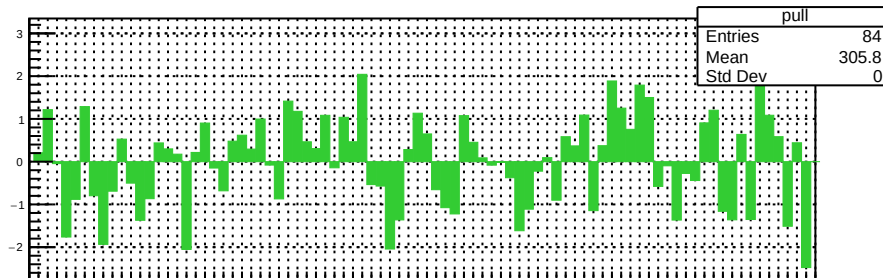
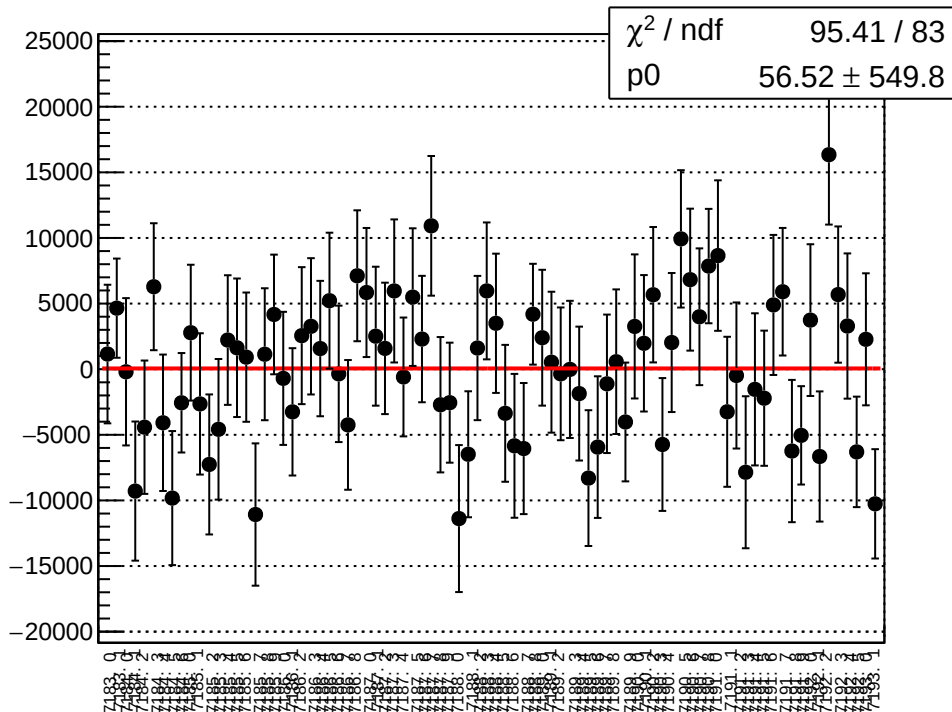
eigen_cor_asym_us_dd_mean vs run



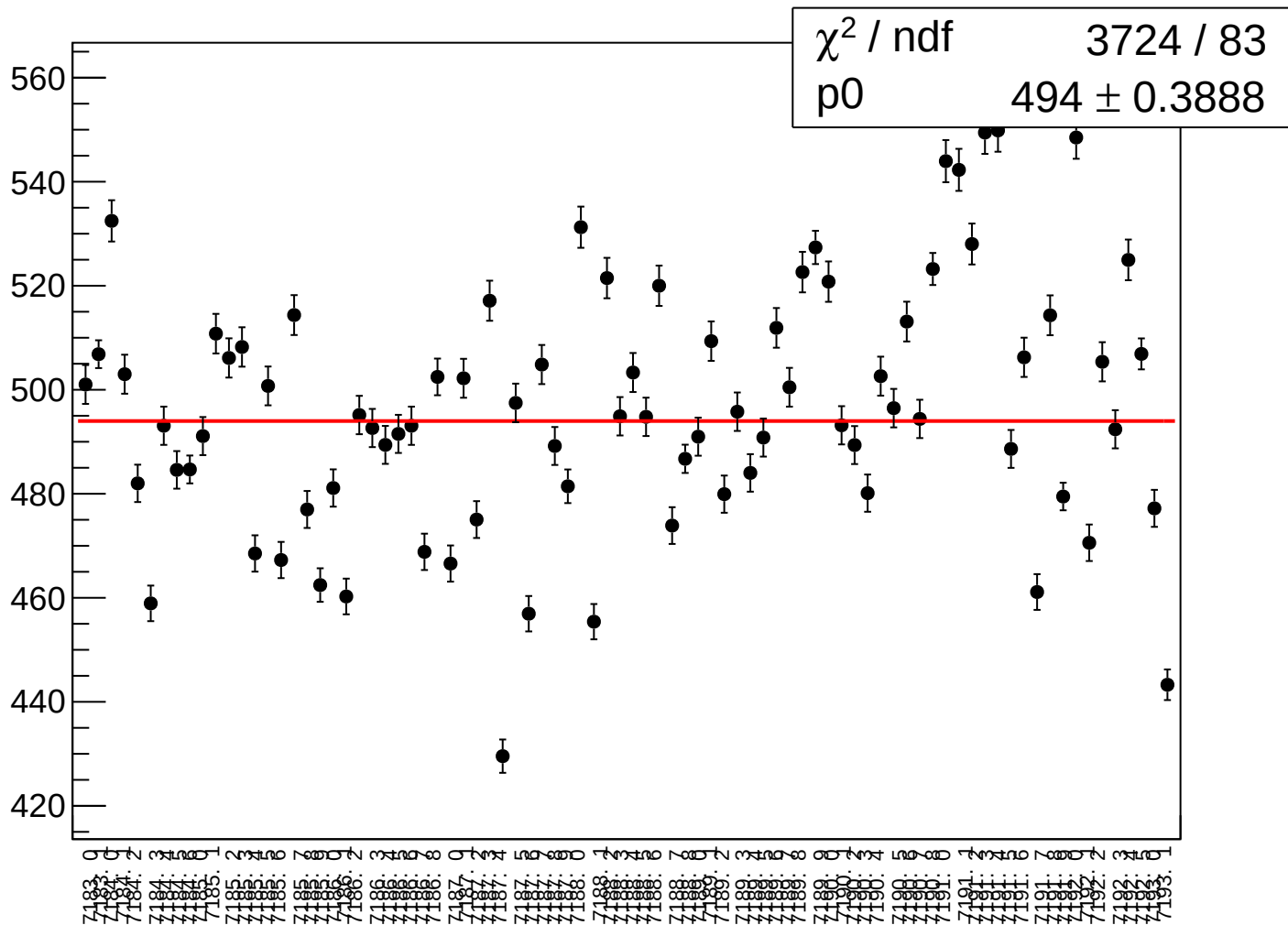
eigen_cor_asym_us_dd_rms vs run



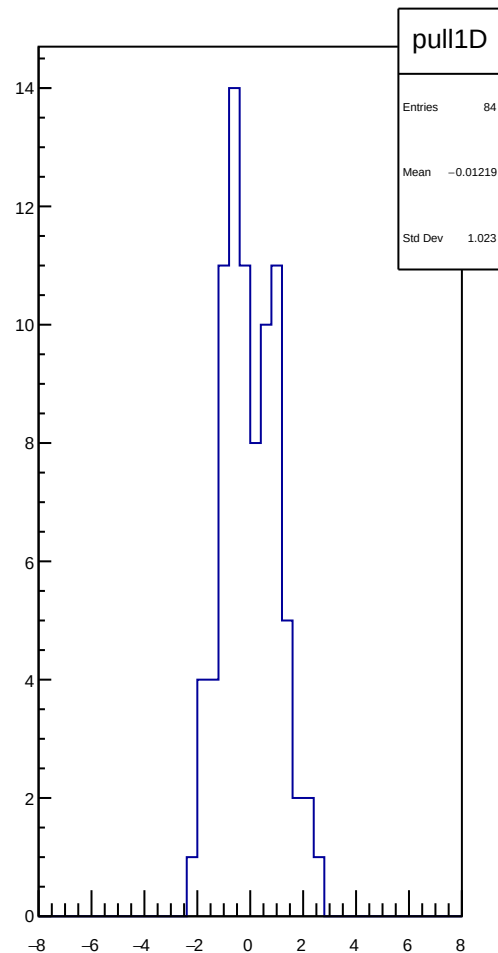
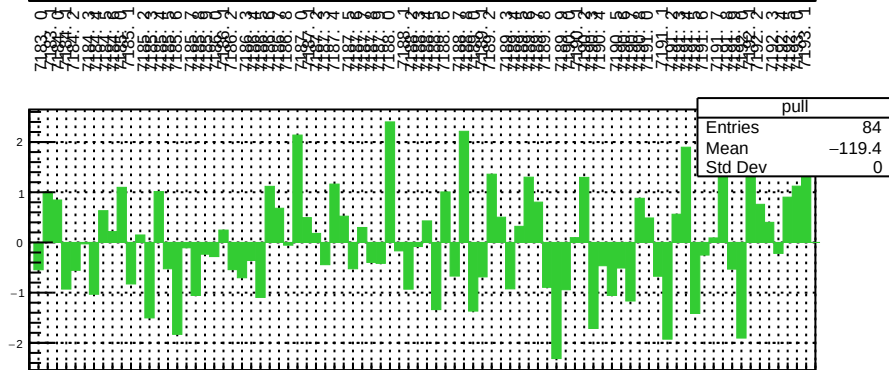
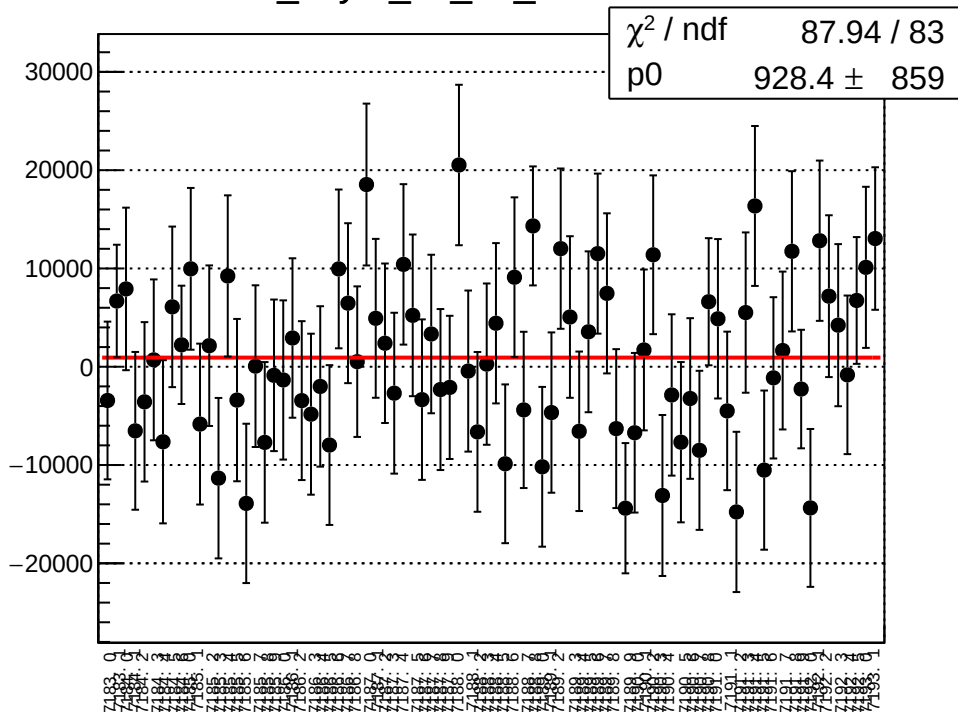
asym_us_dd_eigen_cor_correction_mean vs run



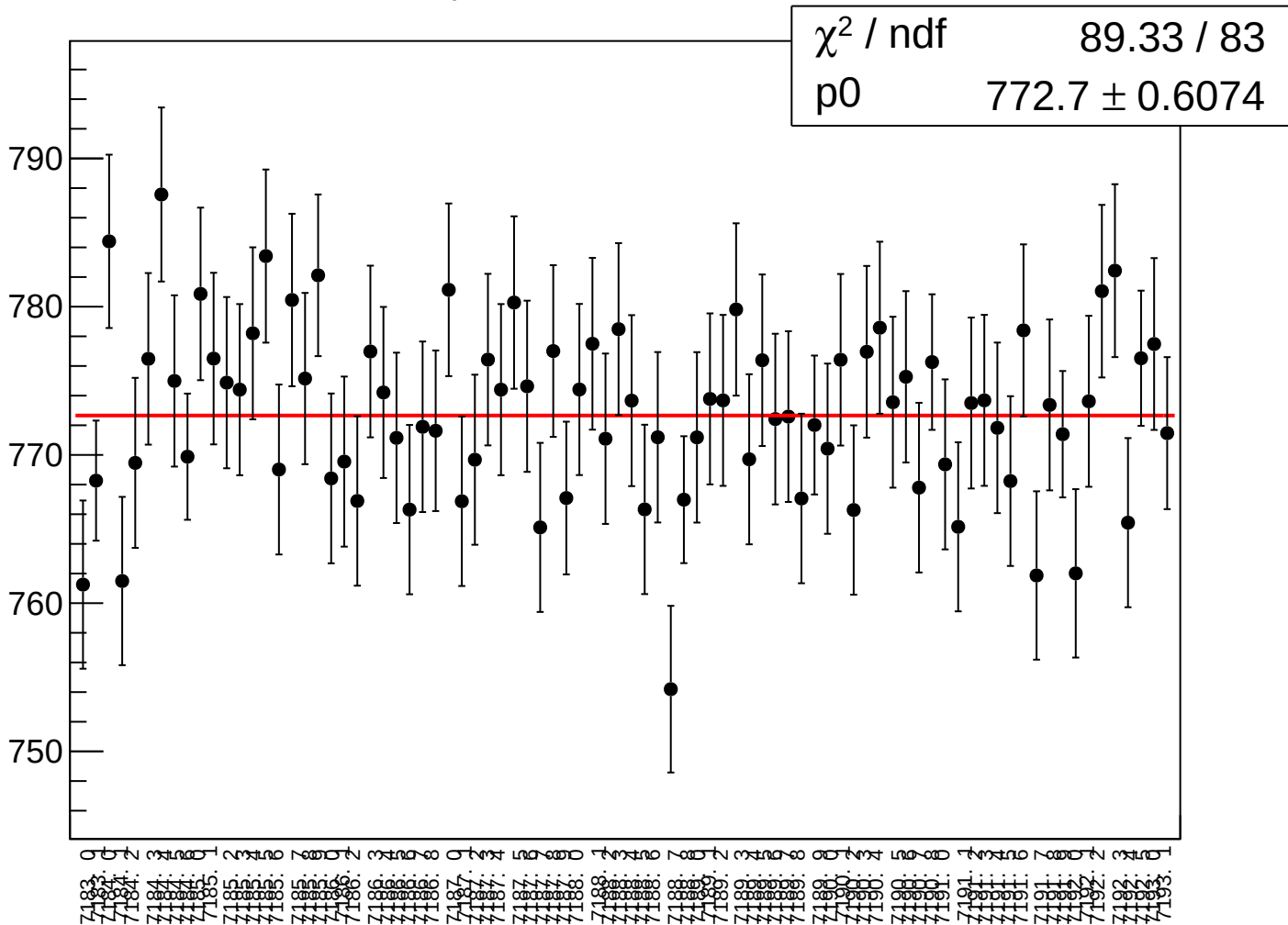
asym_us_dd_eigen_cor_correction_rms vs run



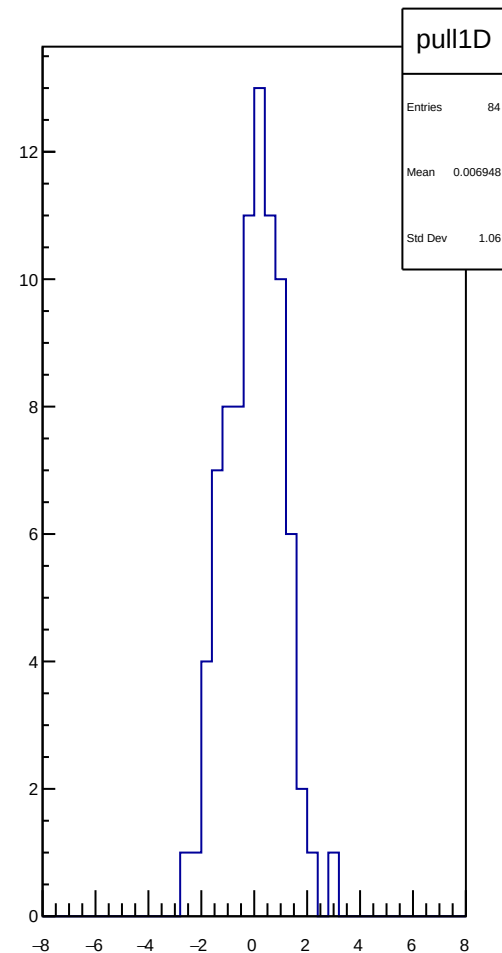
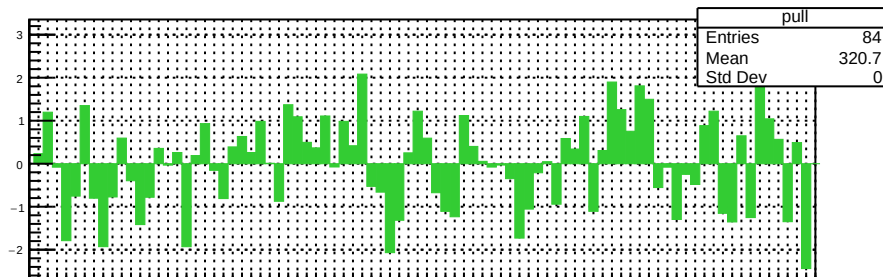
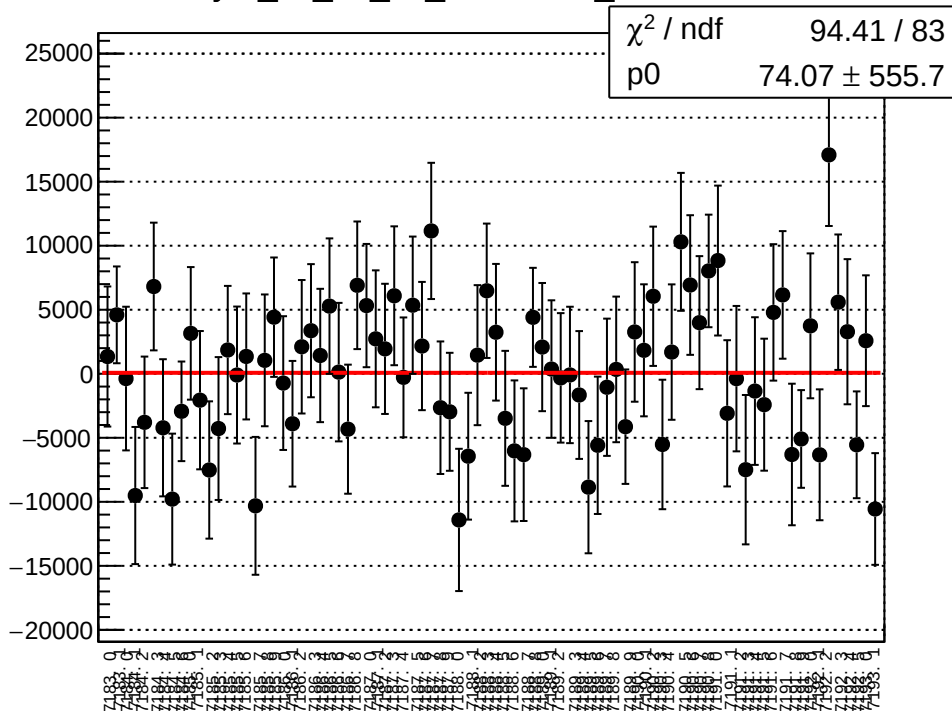
dit_asym_us_dd_mean vs run



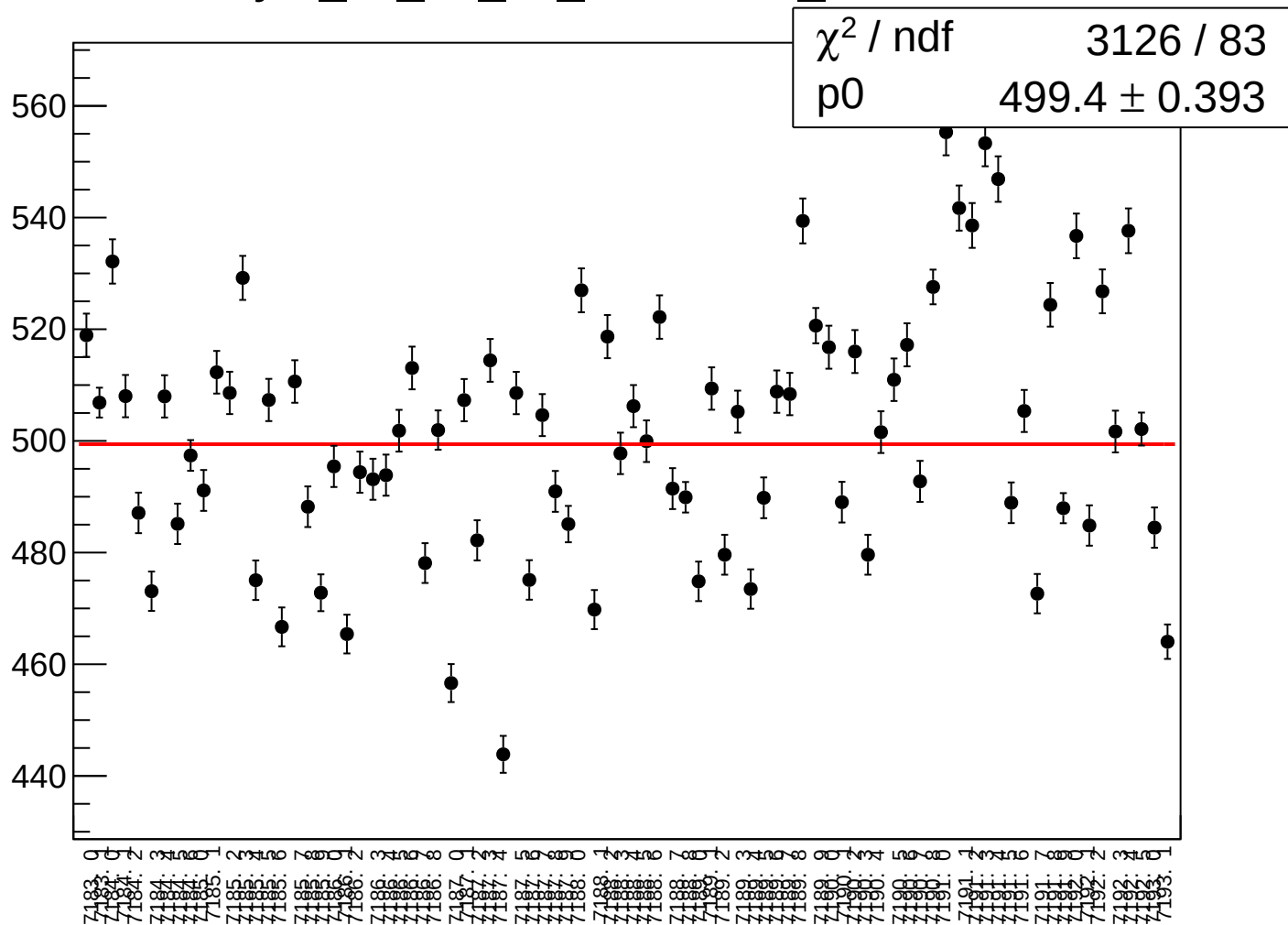
dit_asym_us_dd_rms vs run



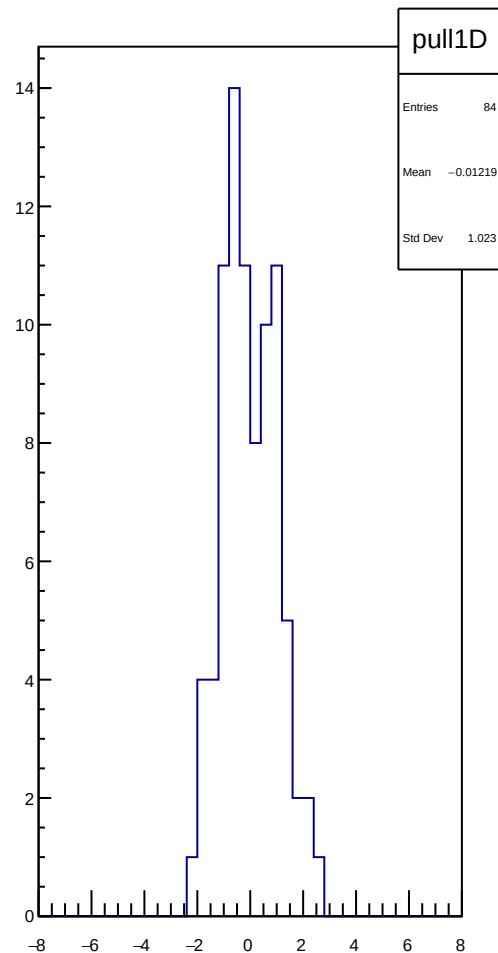
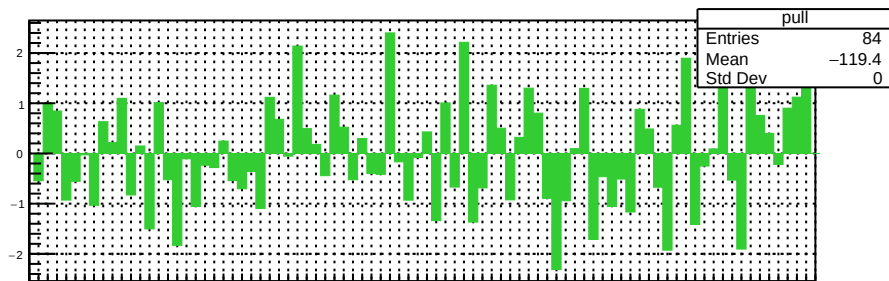
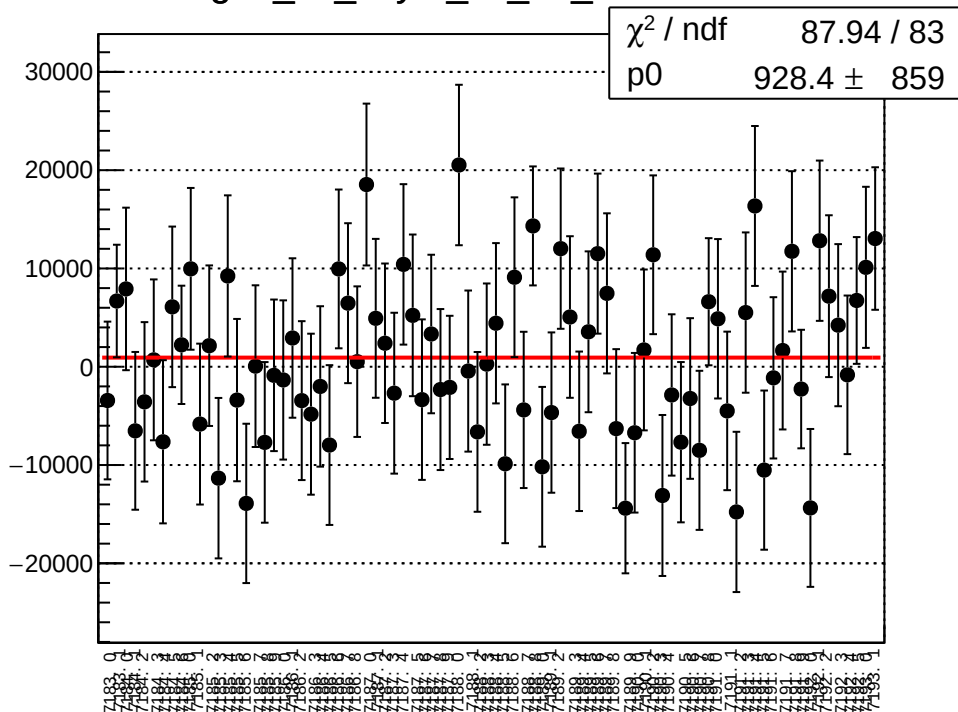
asym_us_dd_dit_correction_mean vs run



asym_us_dd_dit_correction_rms vs run



eigen_dit_asym_us_dd_mean vs run



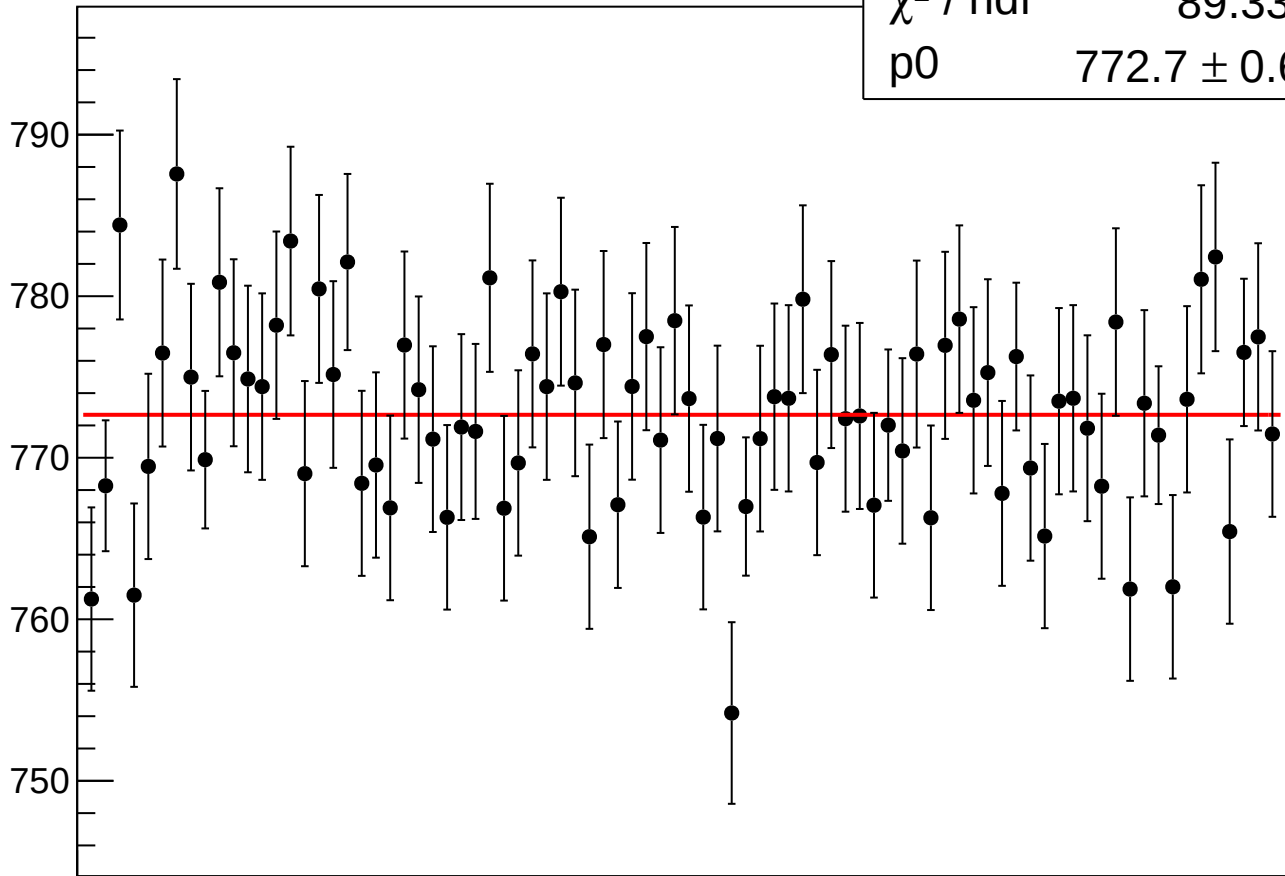
eigen_dit_asym_us_dd_rms vs run

χ^2 / ndf

89.33 / 83

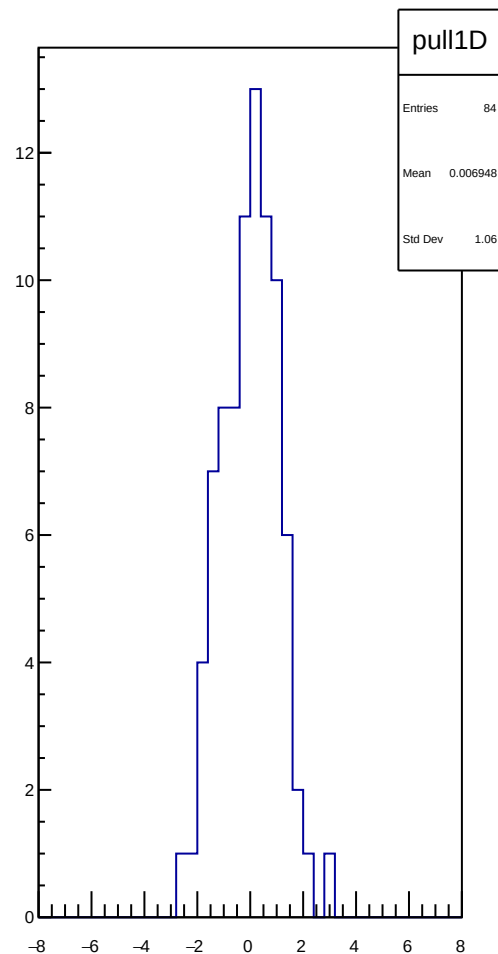
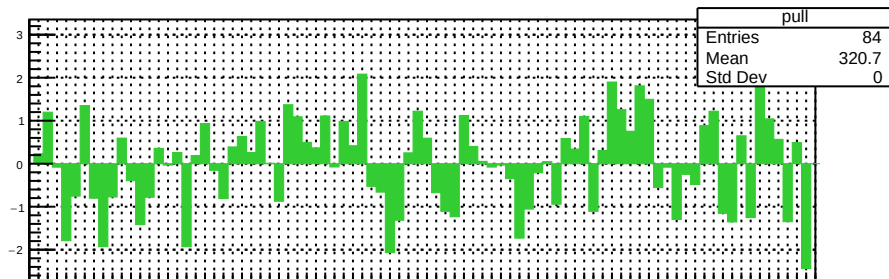
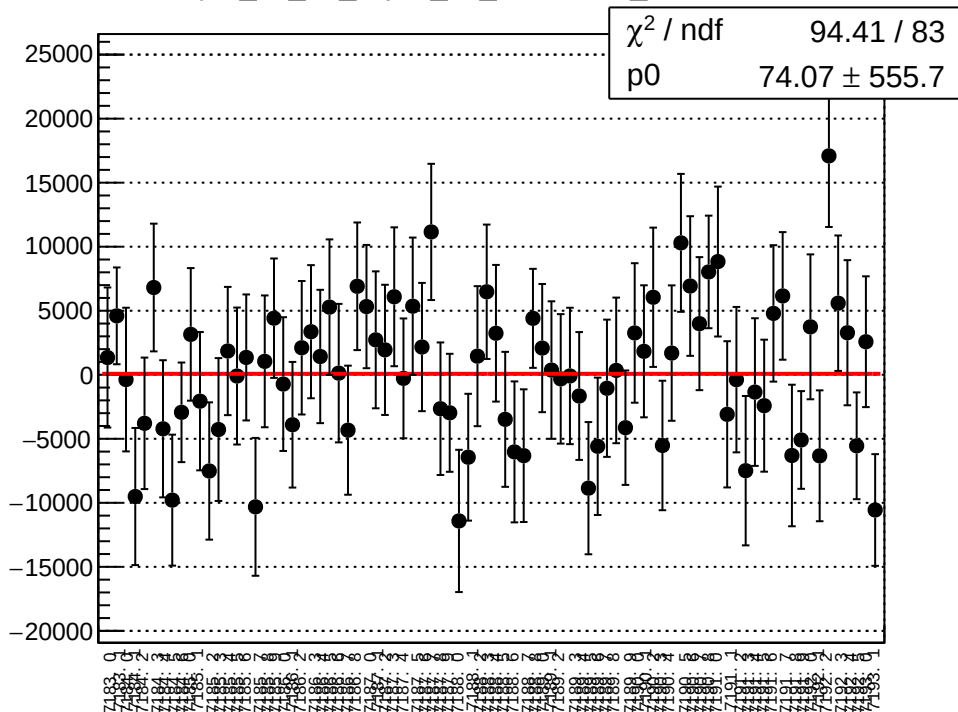
p0

772.7 ± 0.6074

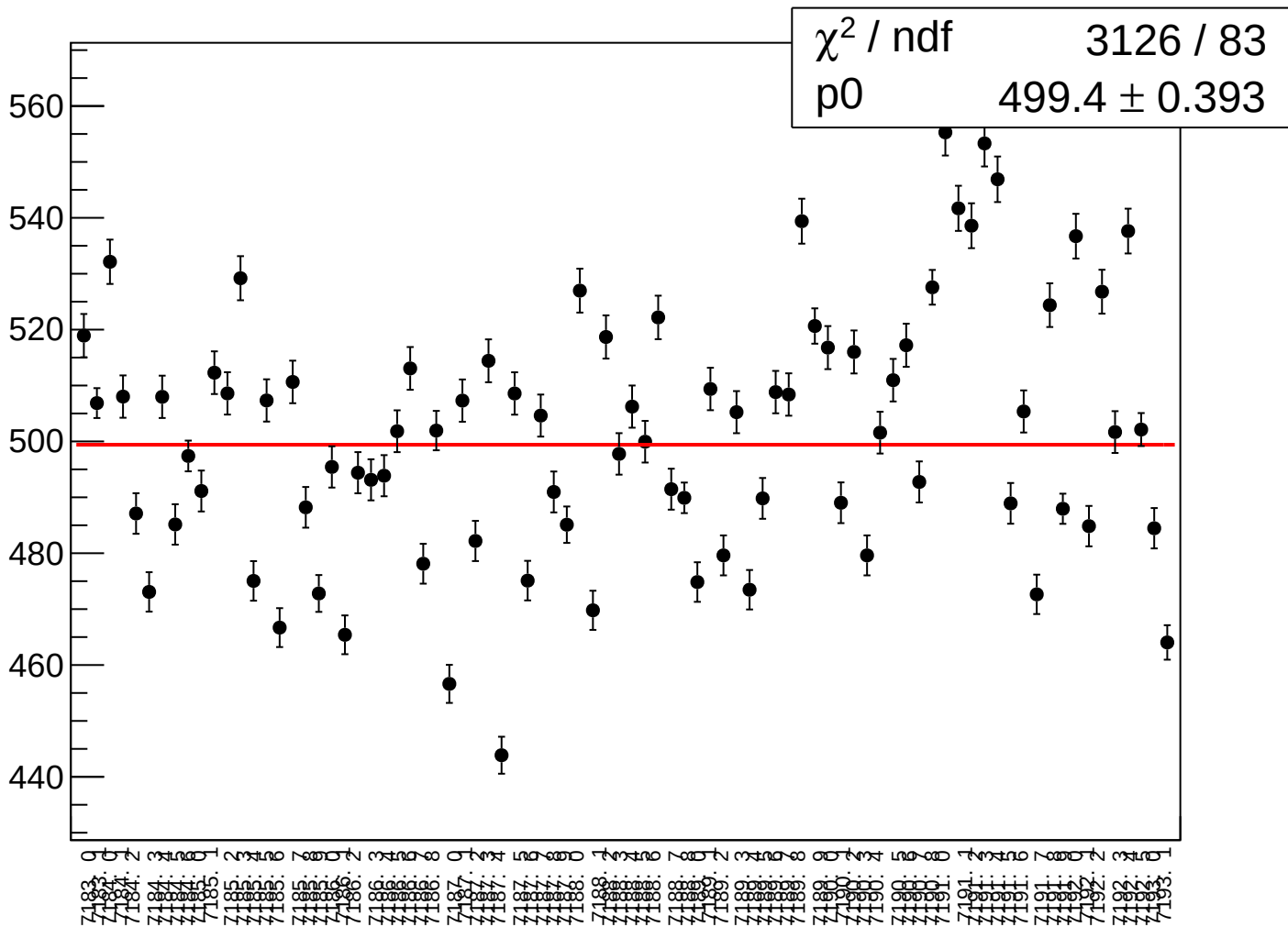


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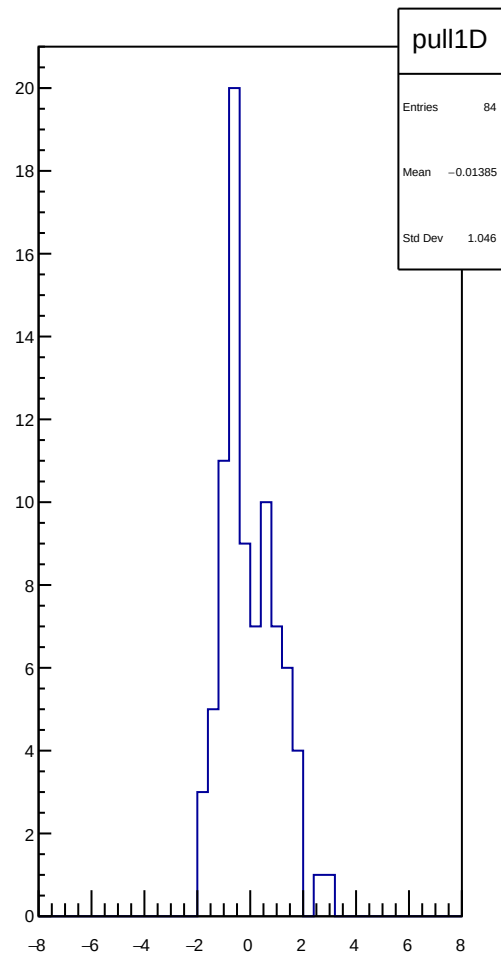
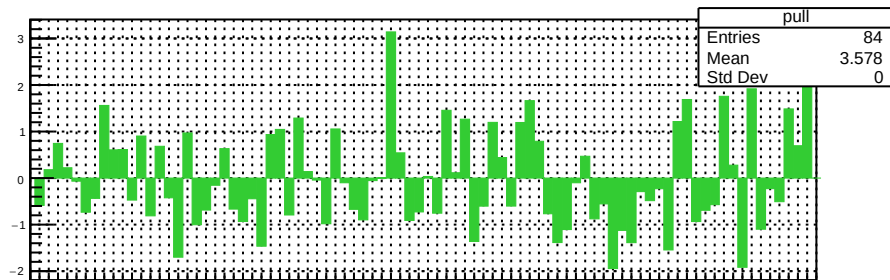
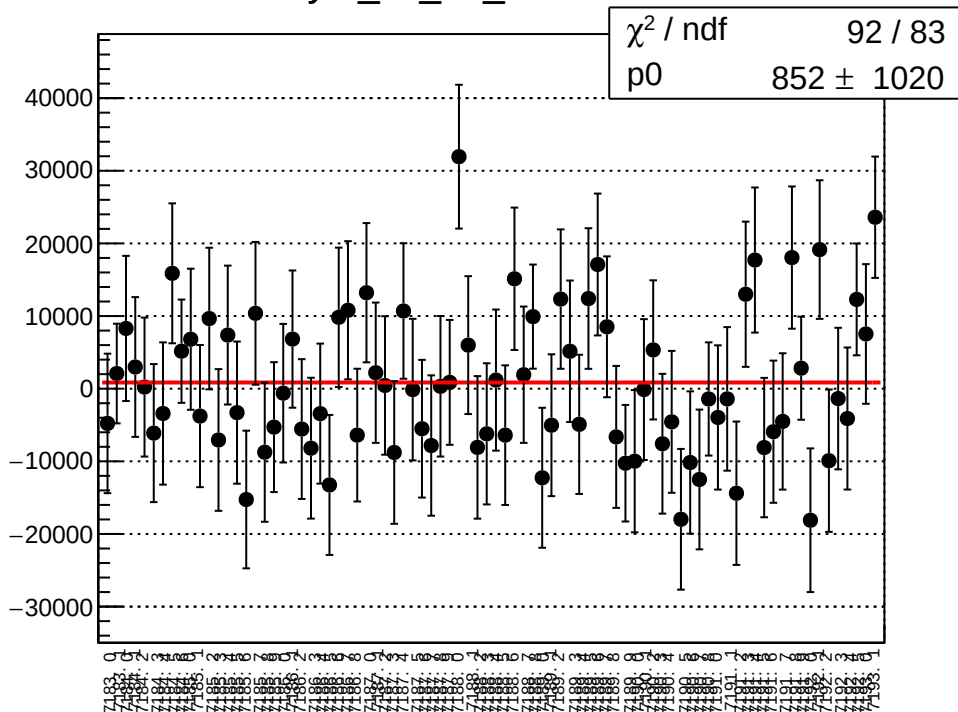
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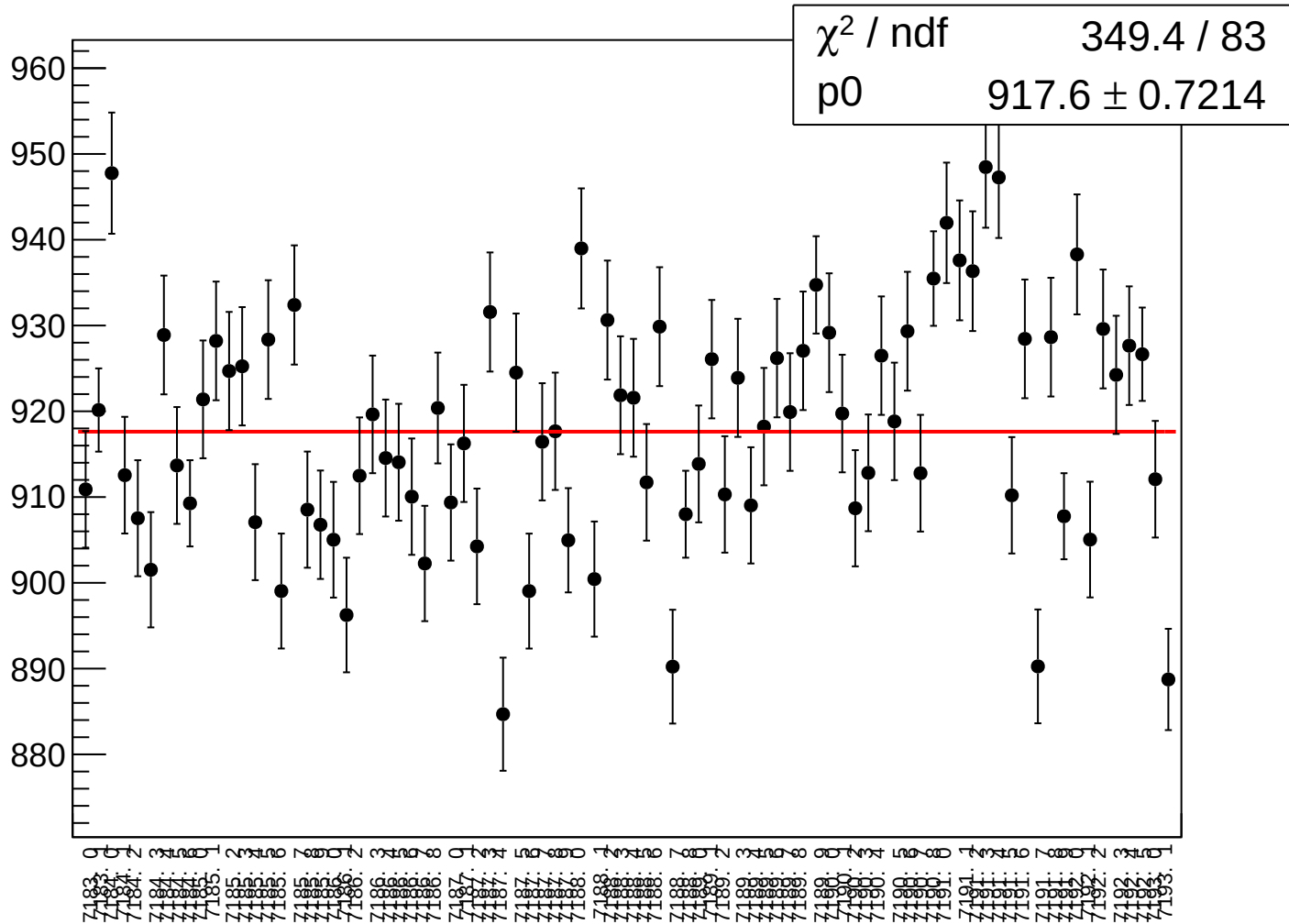
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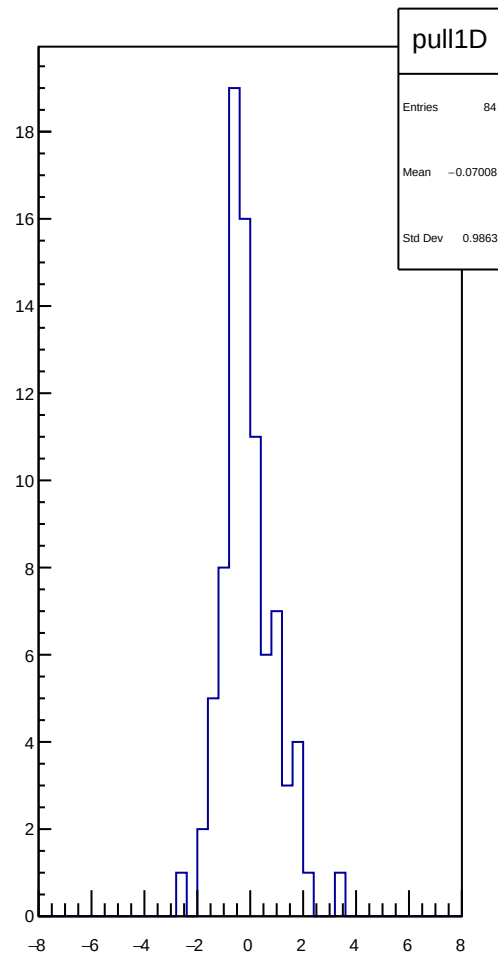
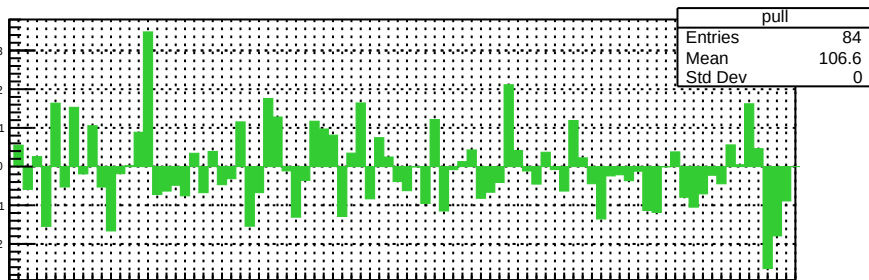
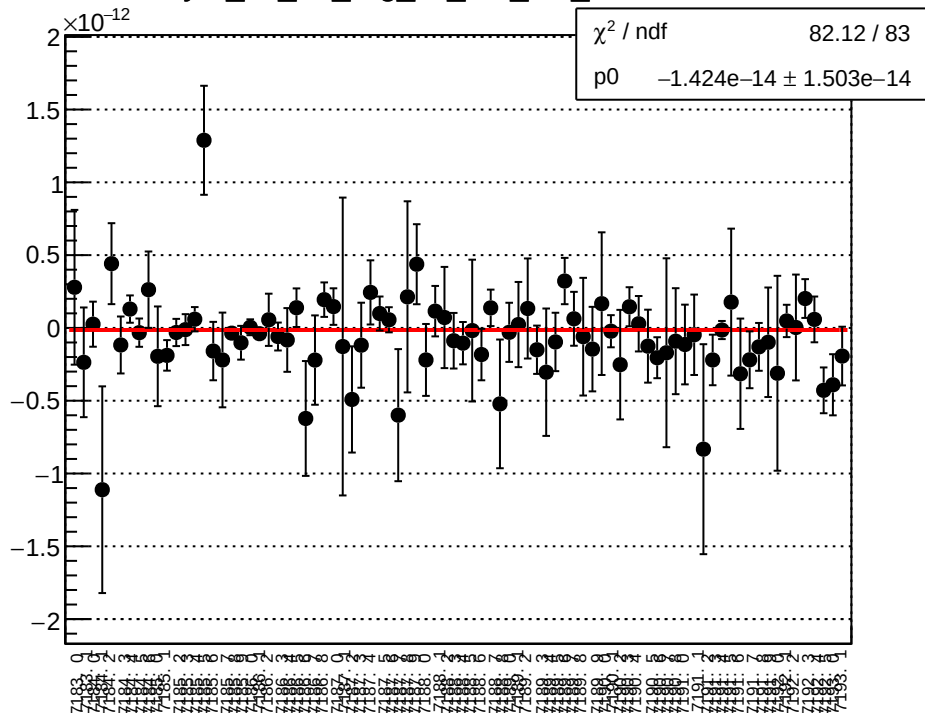
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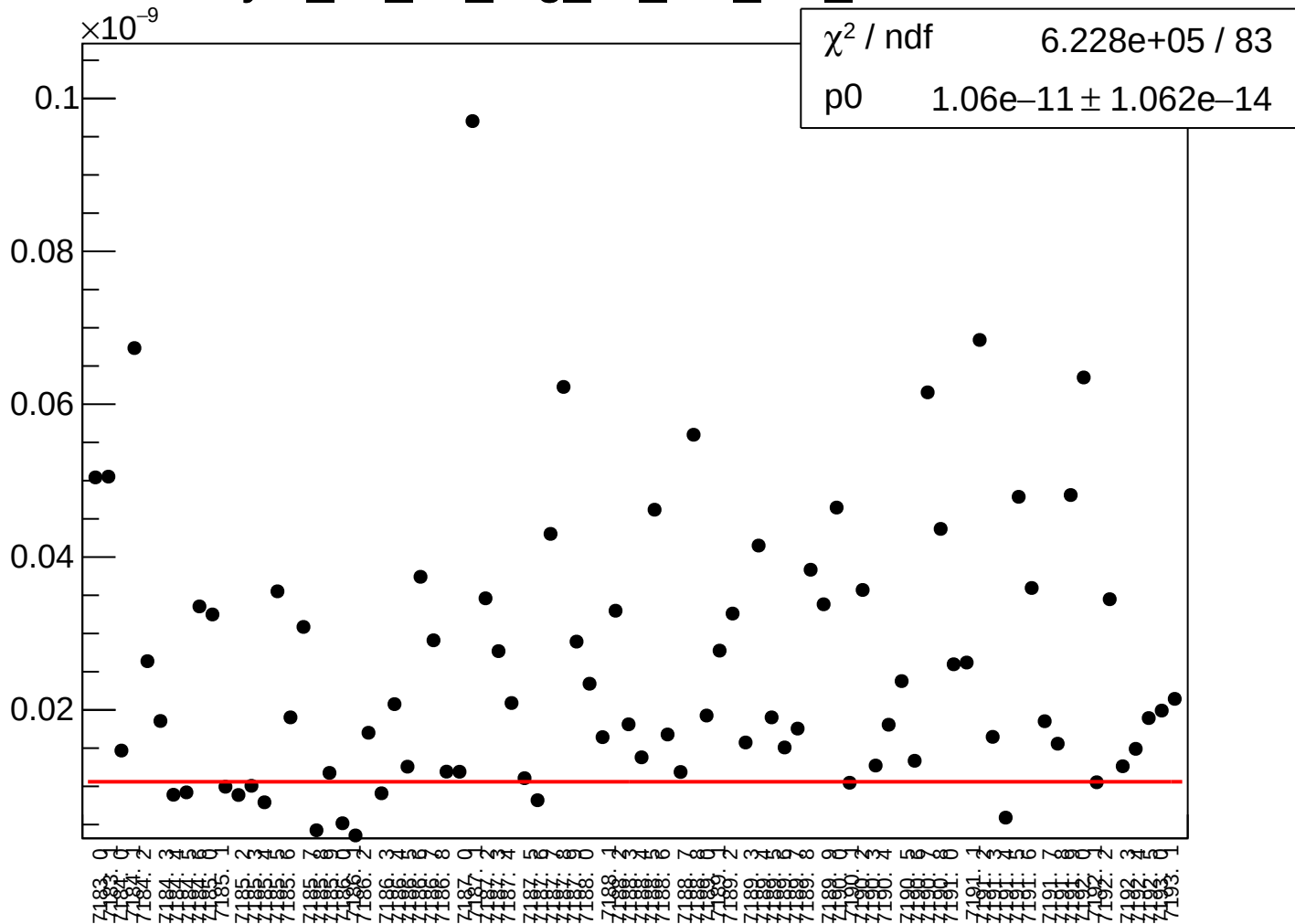
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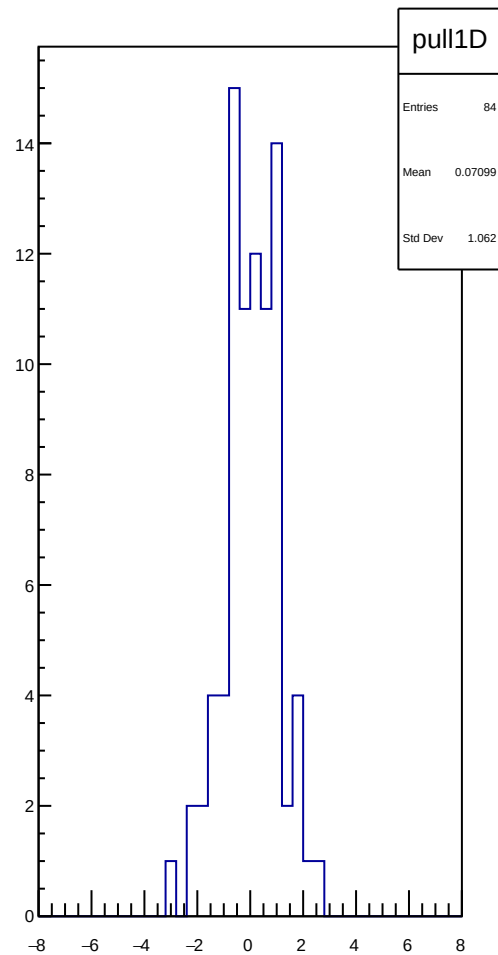
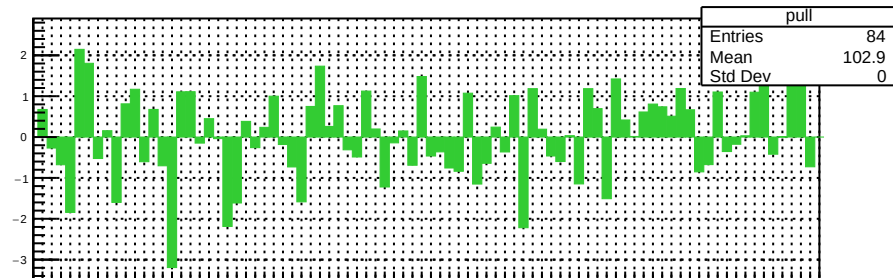
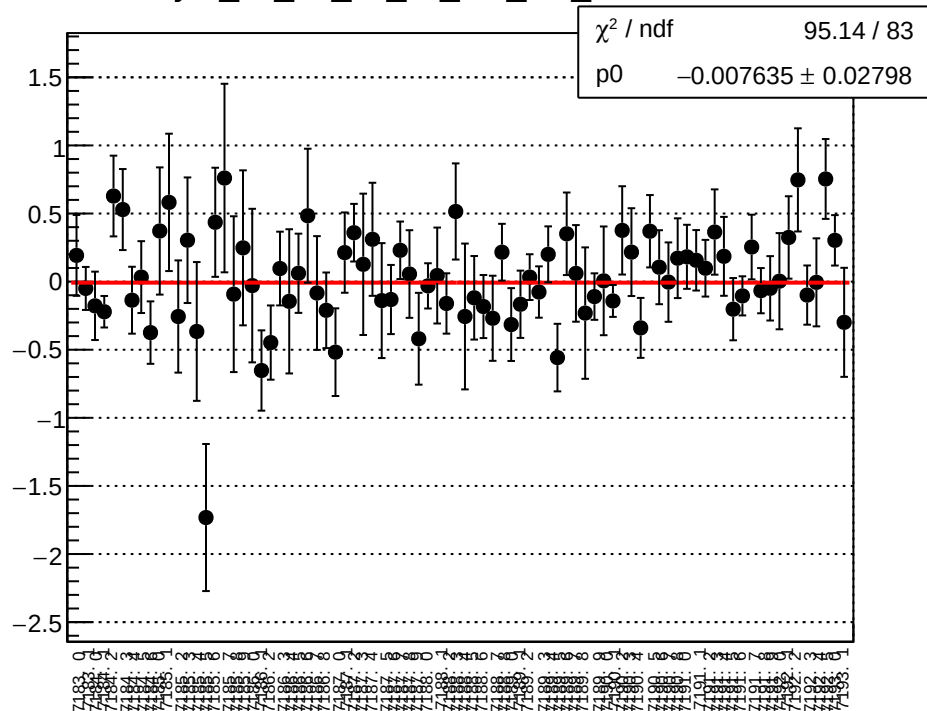
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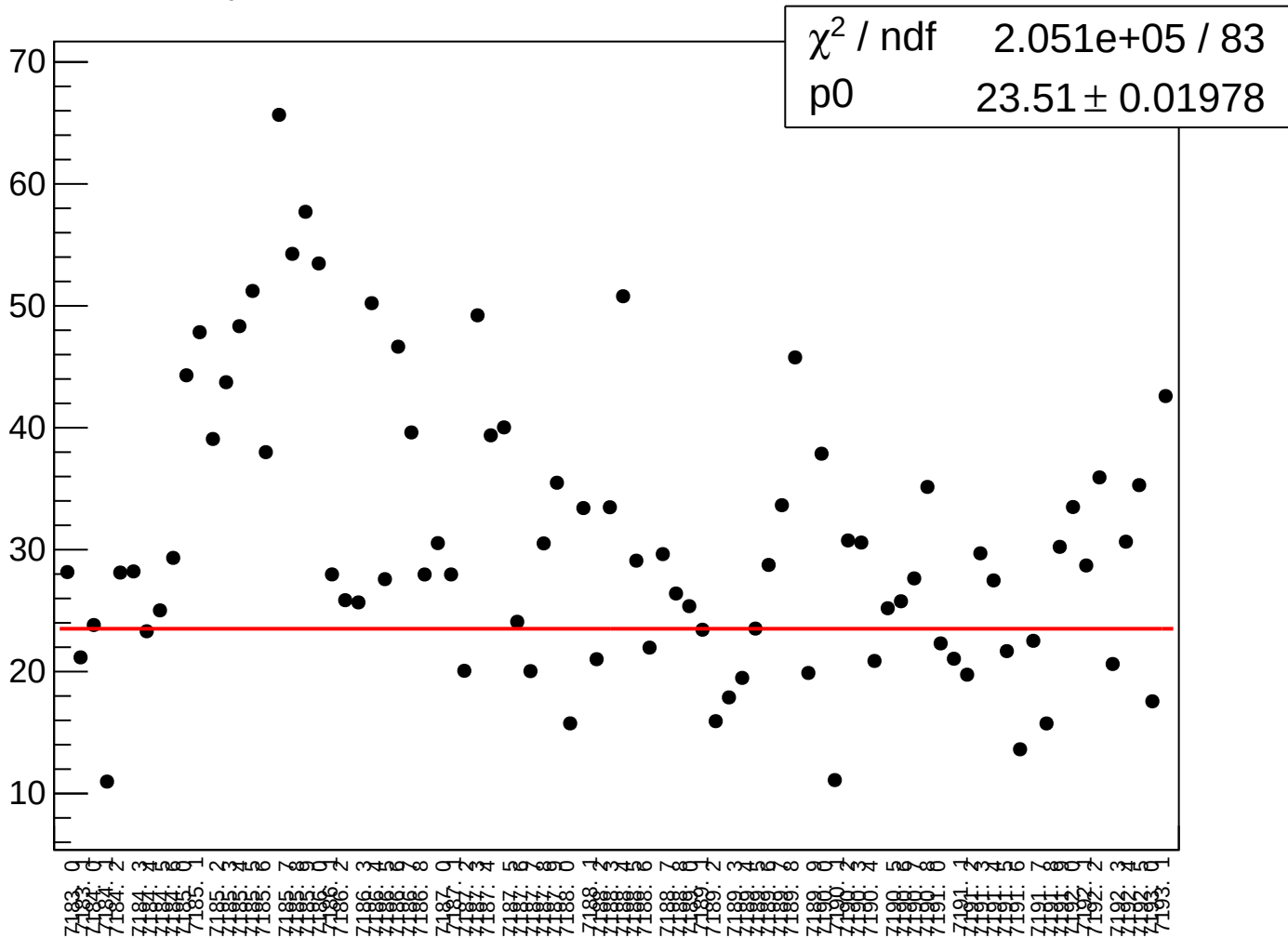
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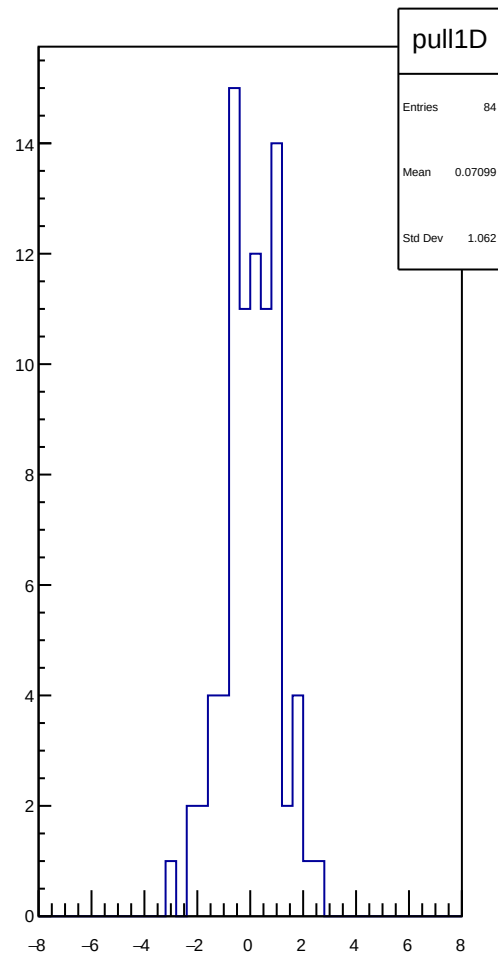
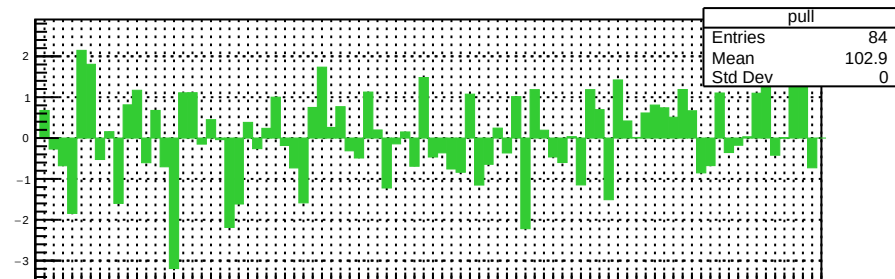
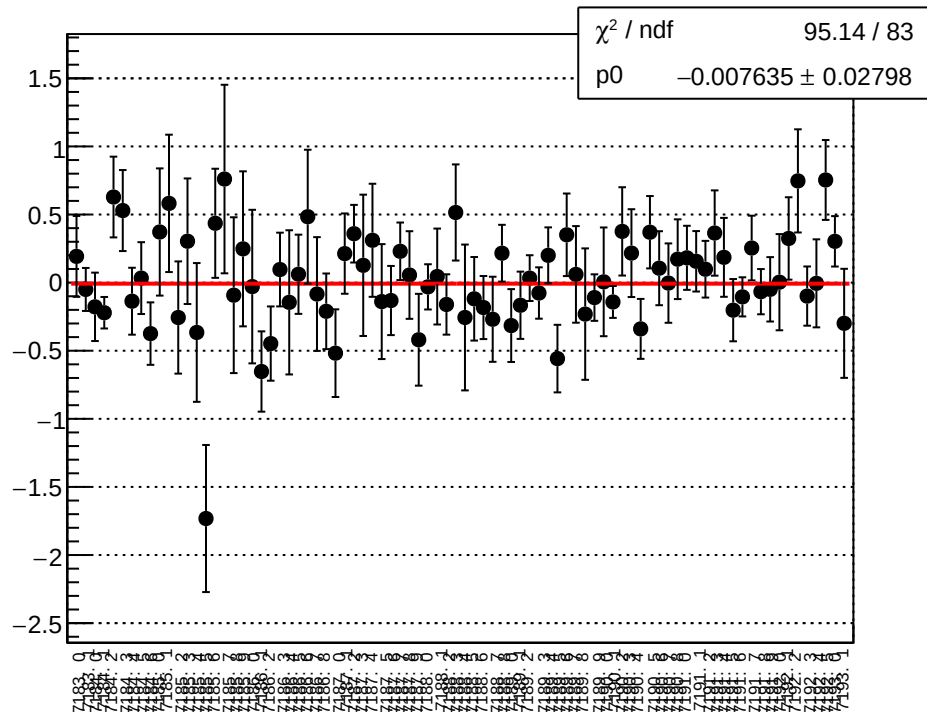
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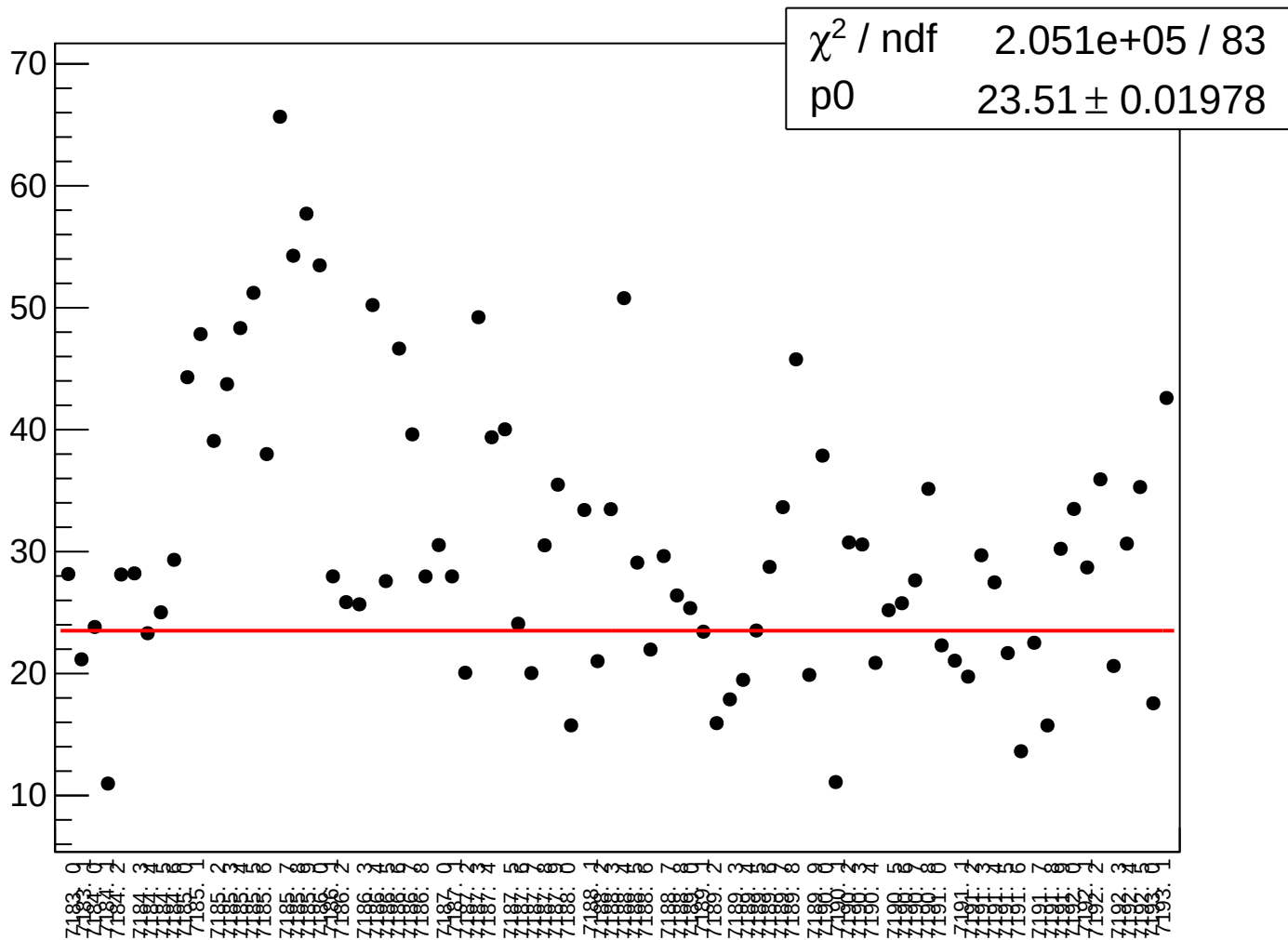
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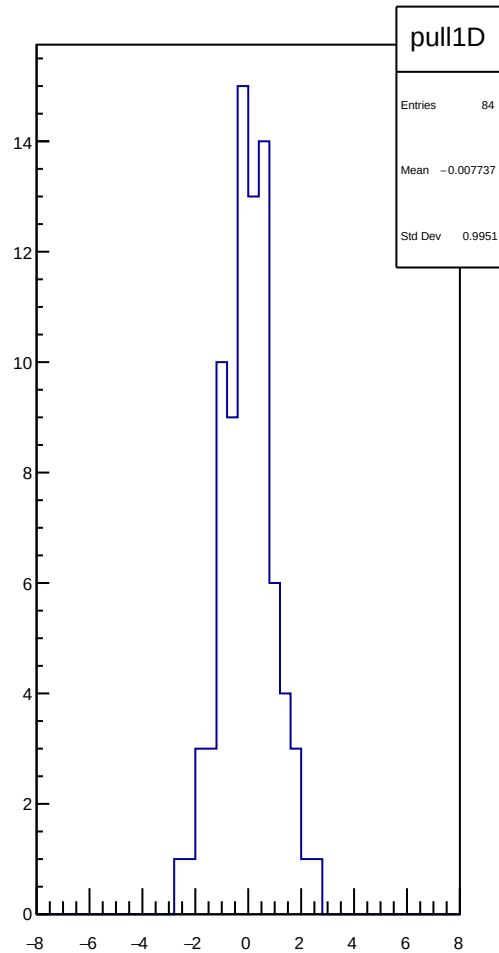
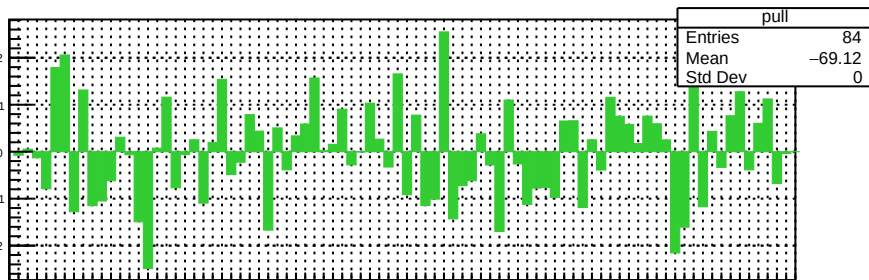
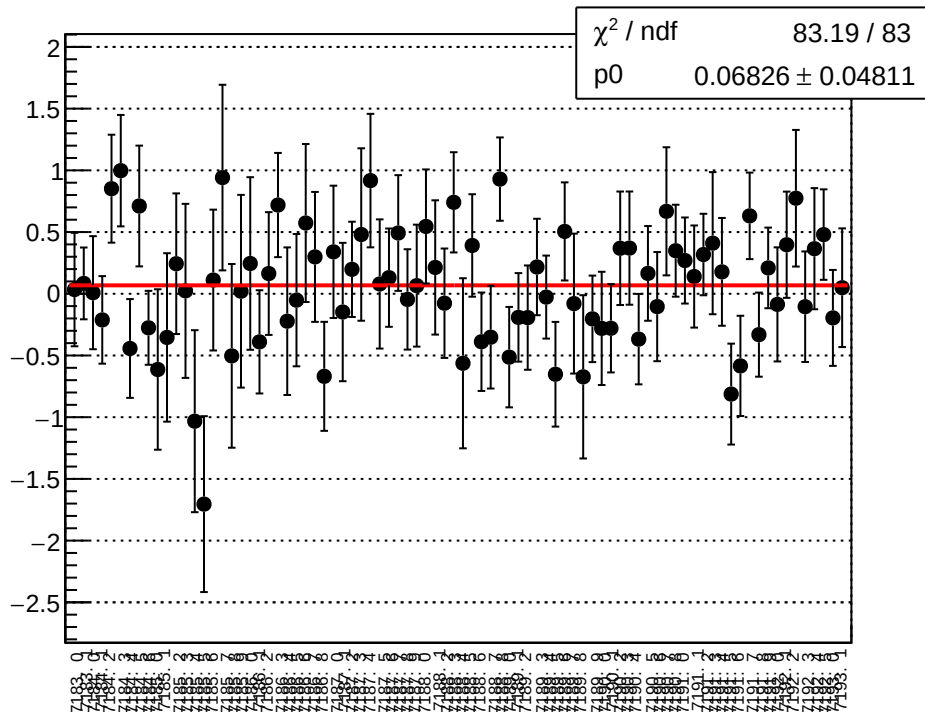
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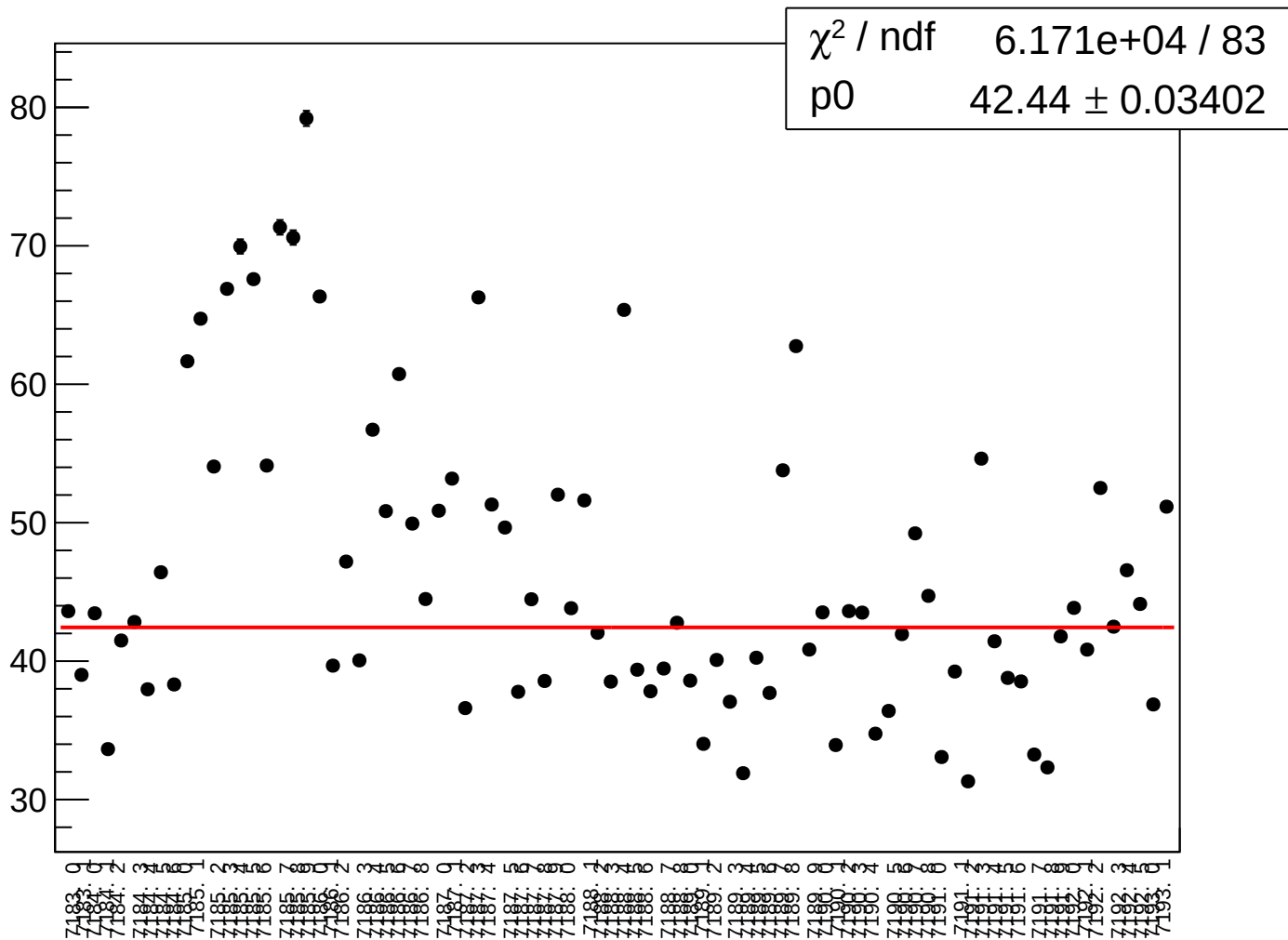
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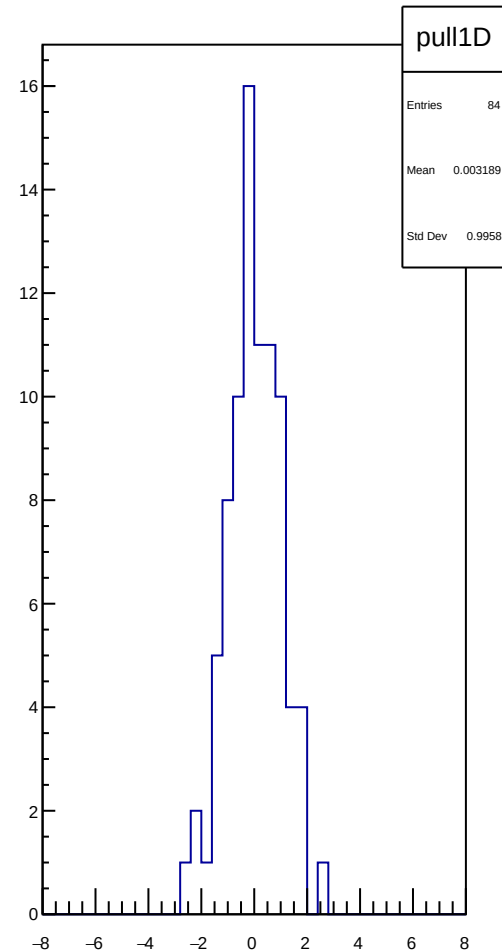
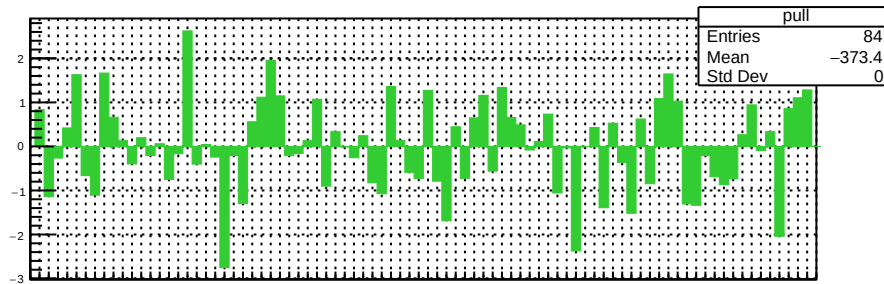
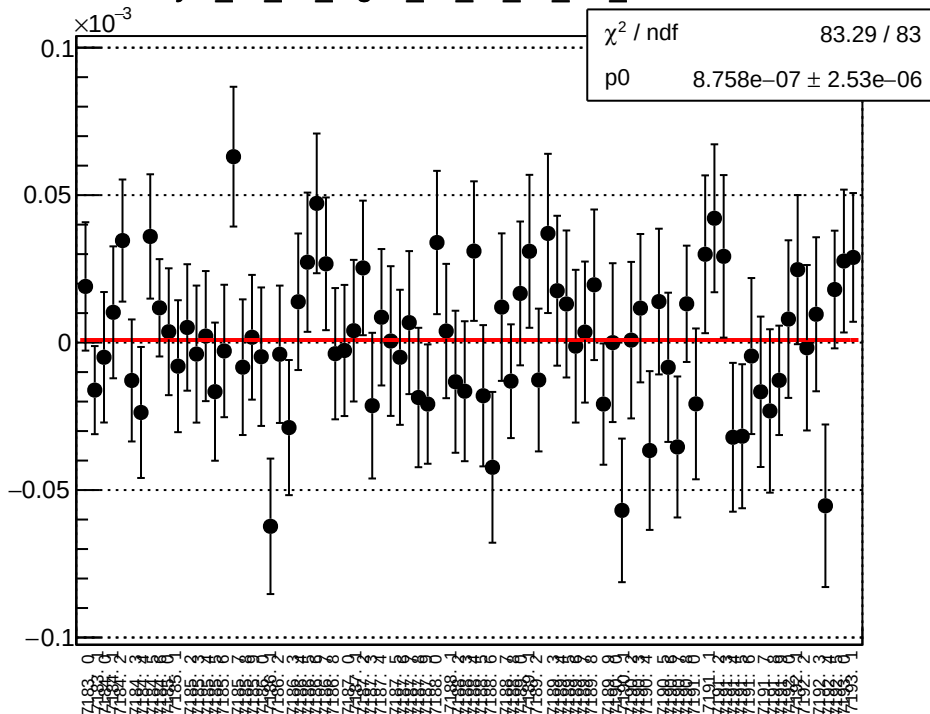
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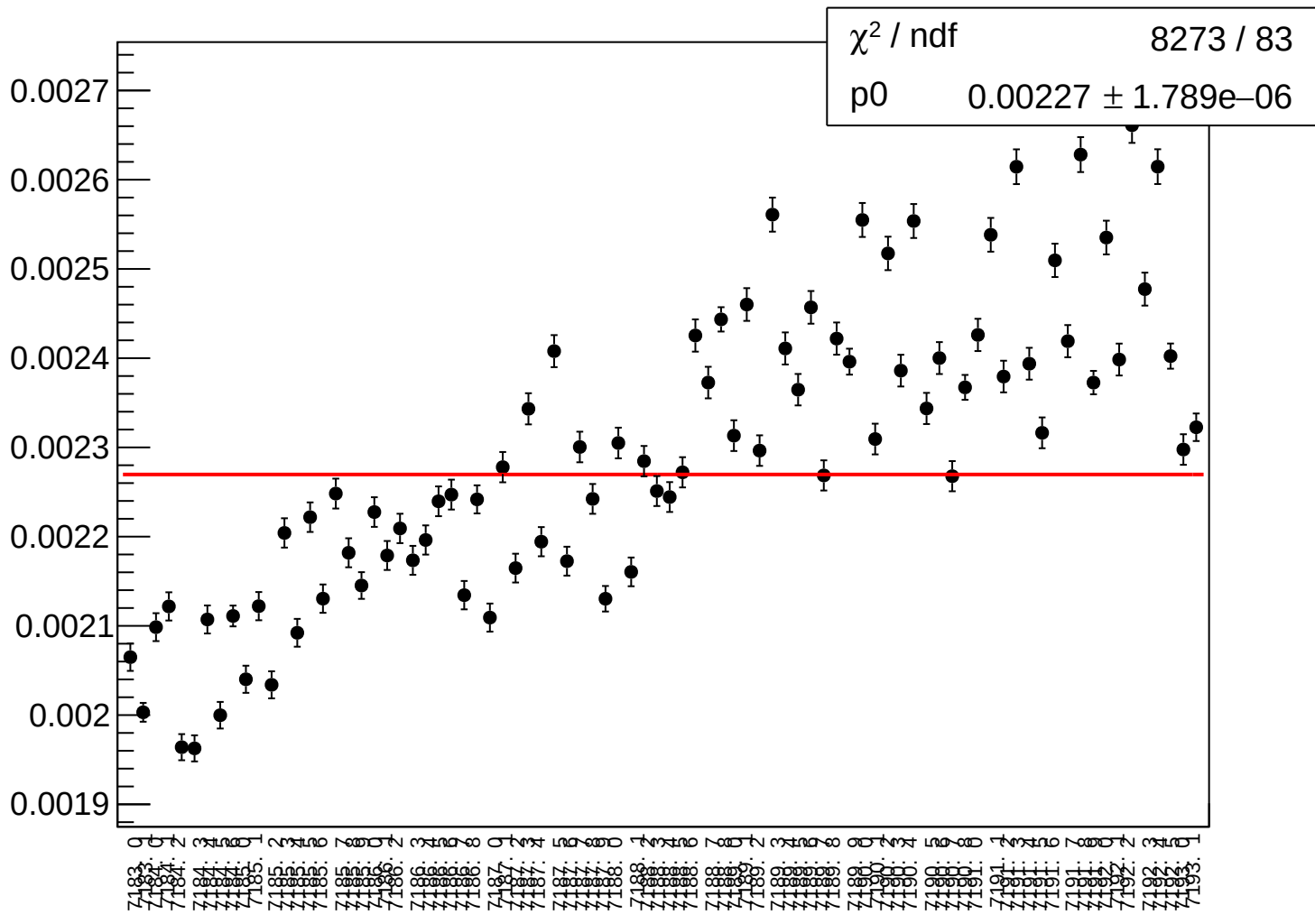
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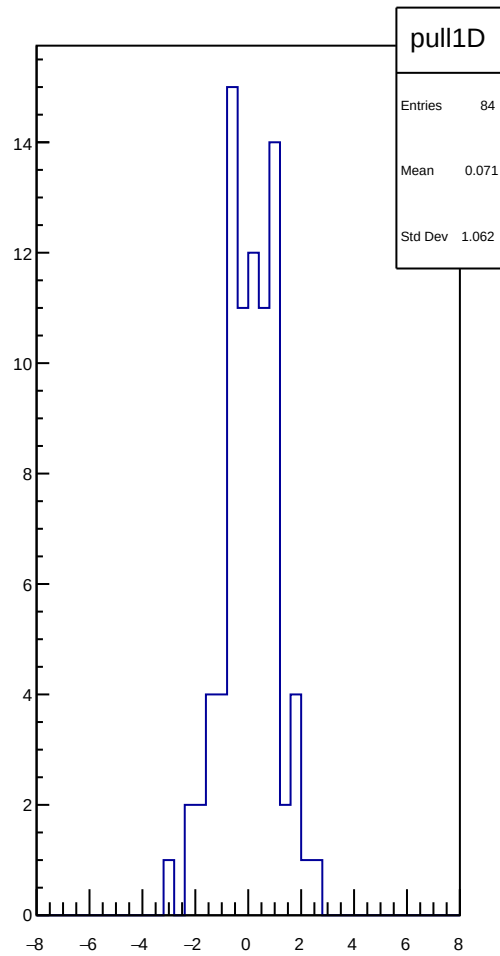
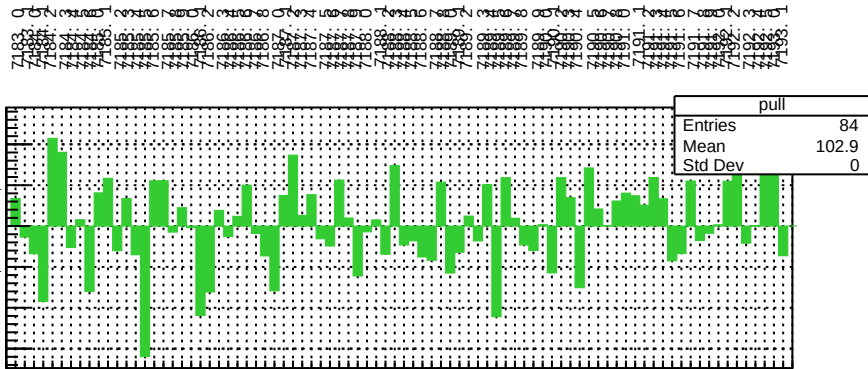
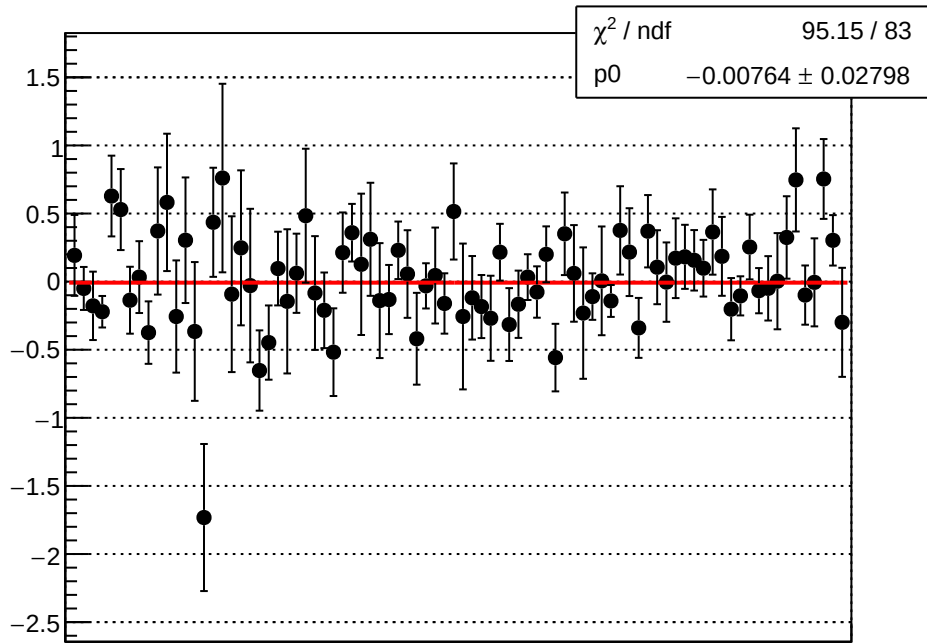
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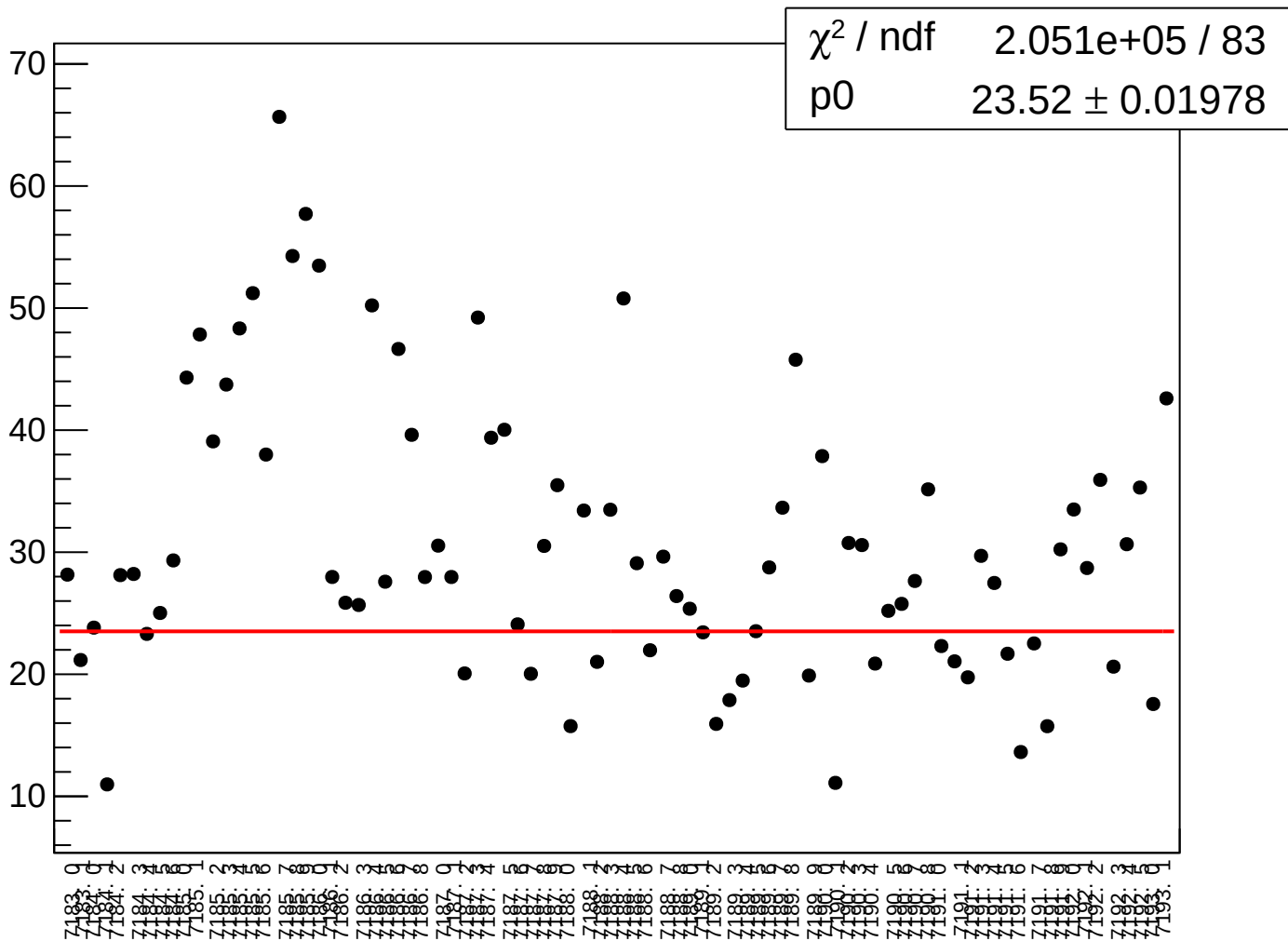
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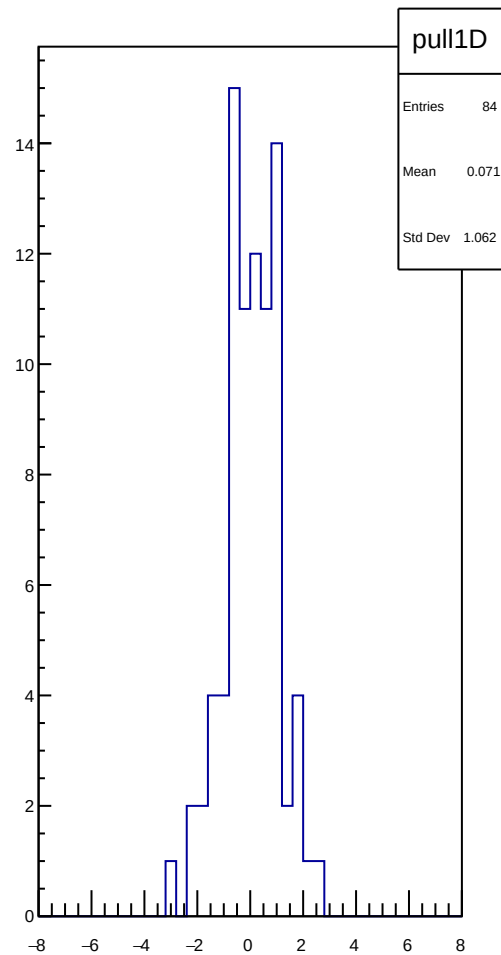
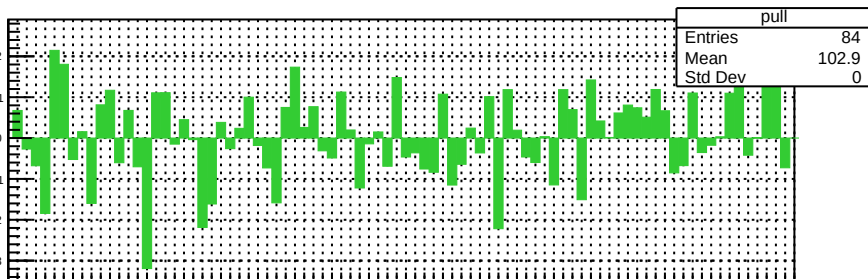
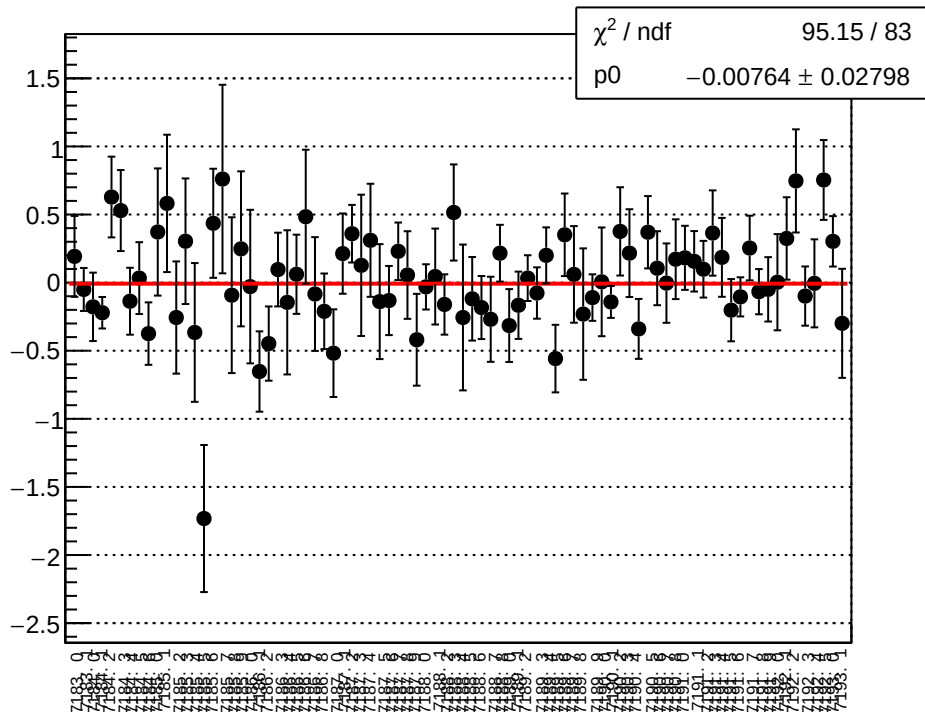
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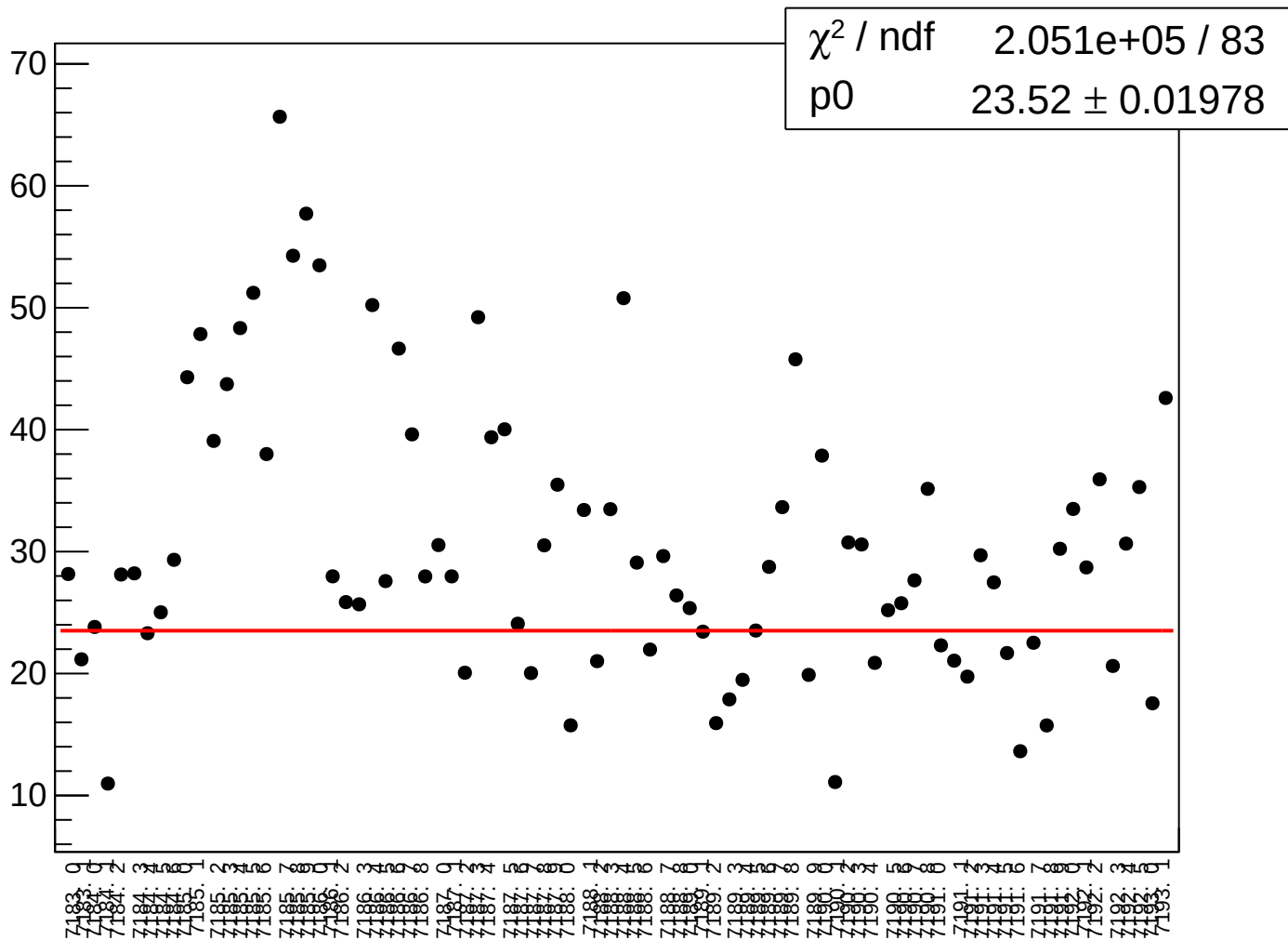
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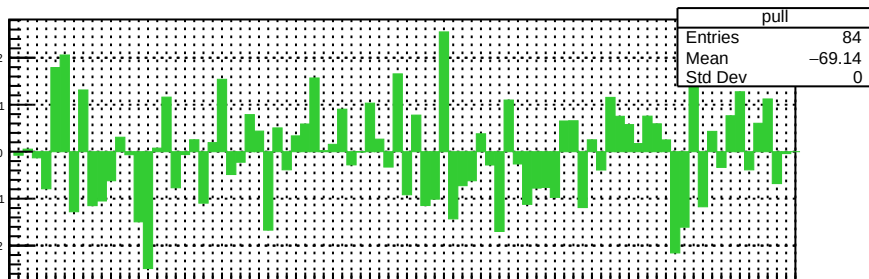
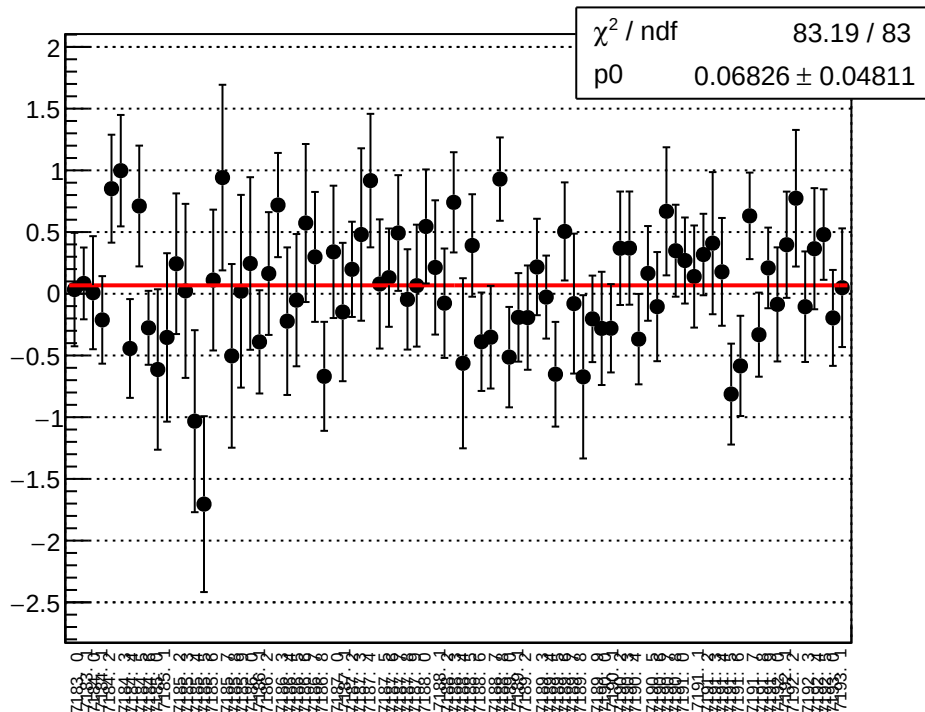
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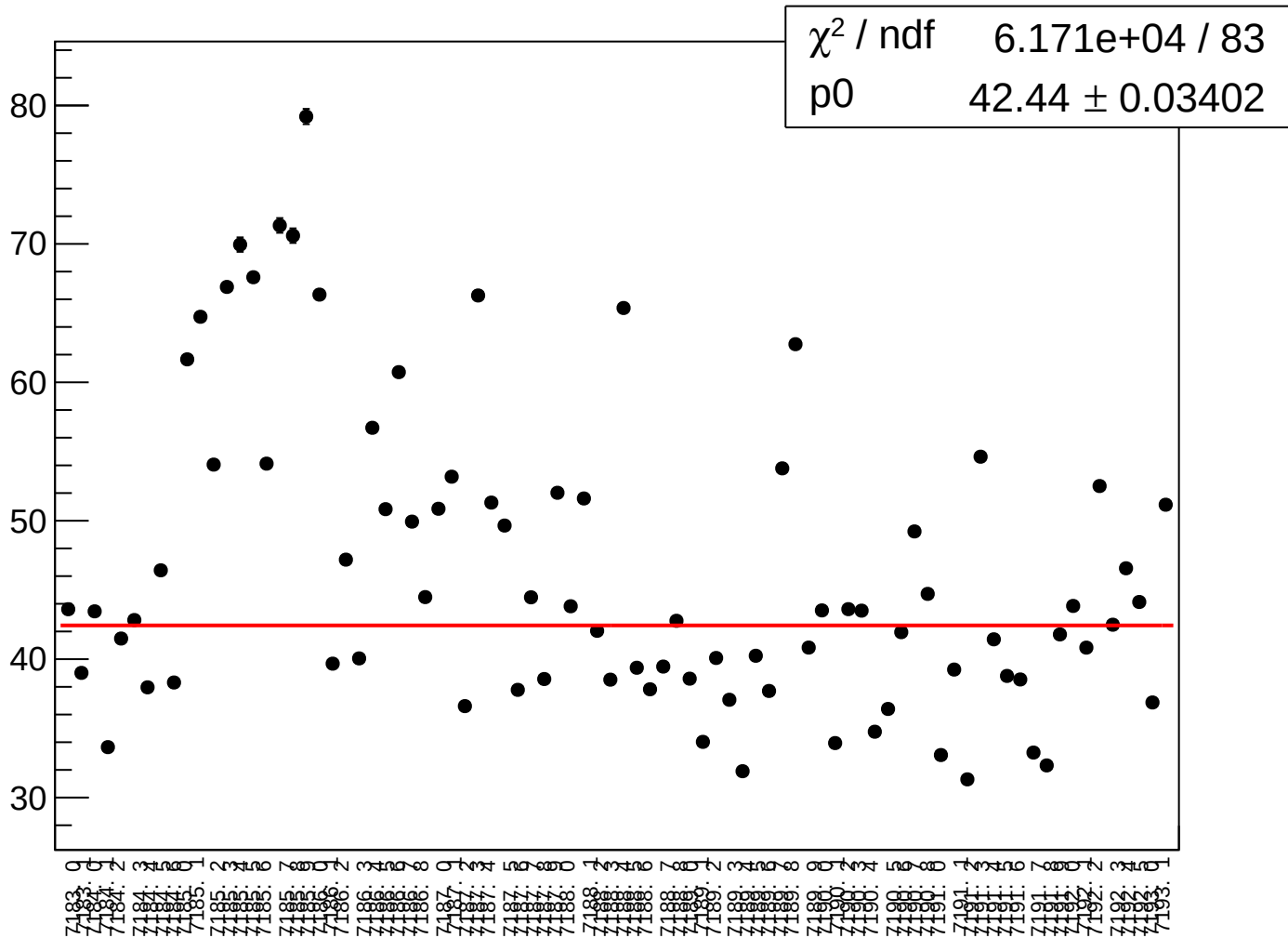
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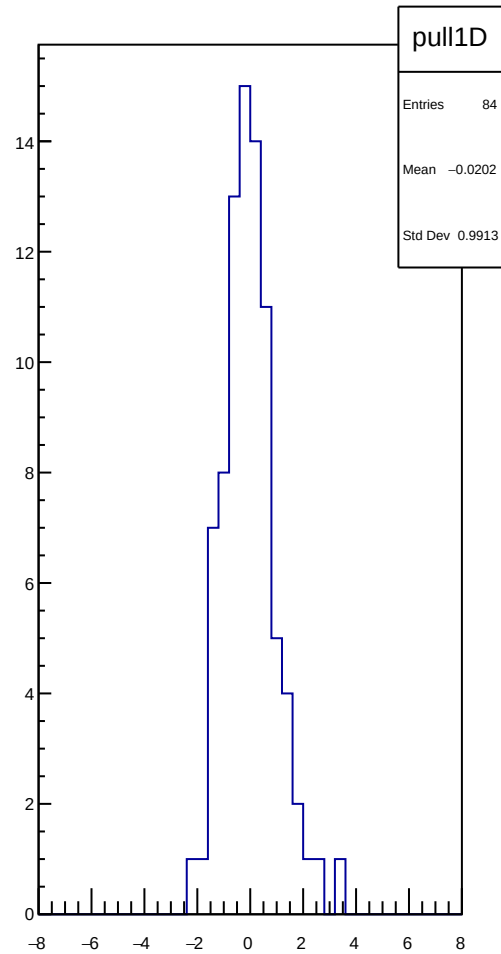
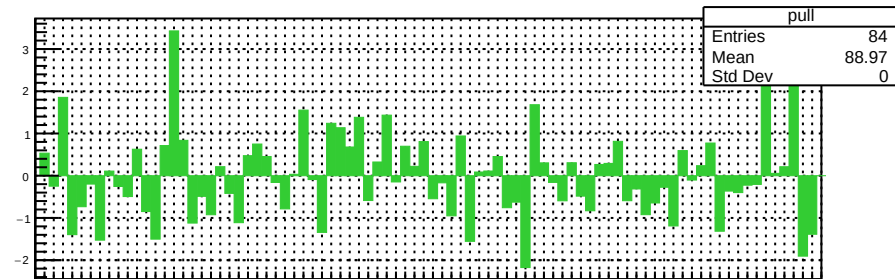
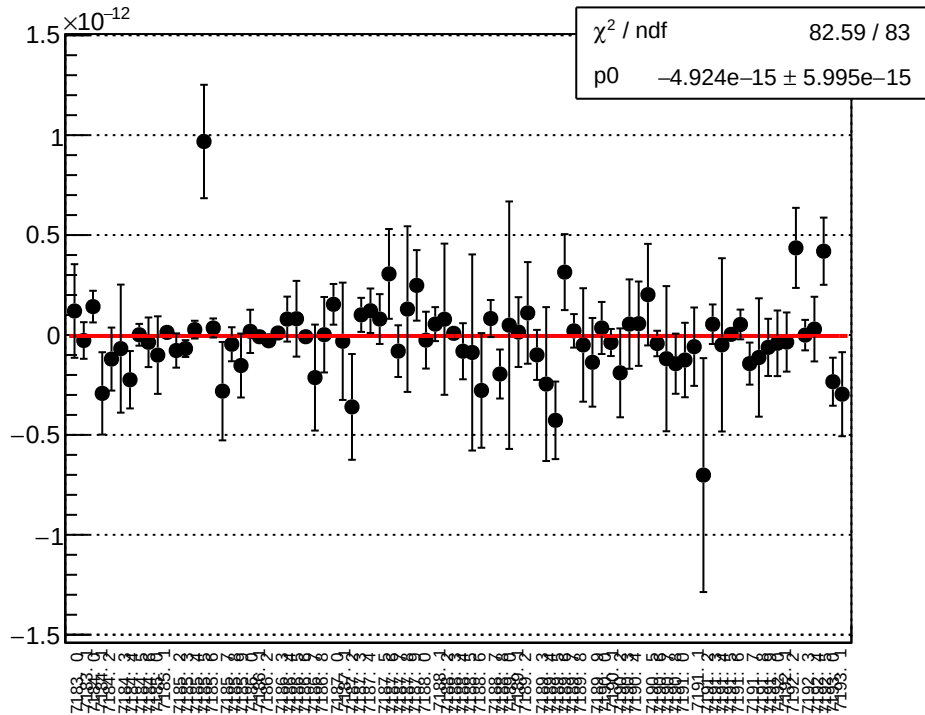
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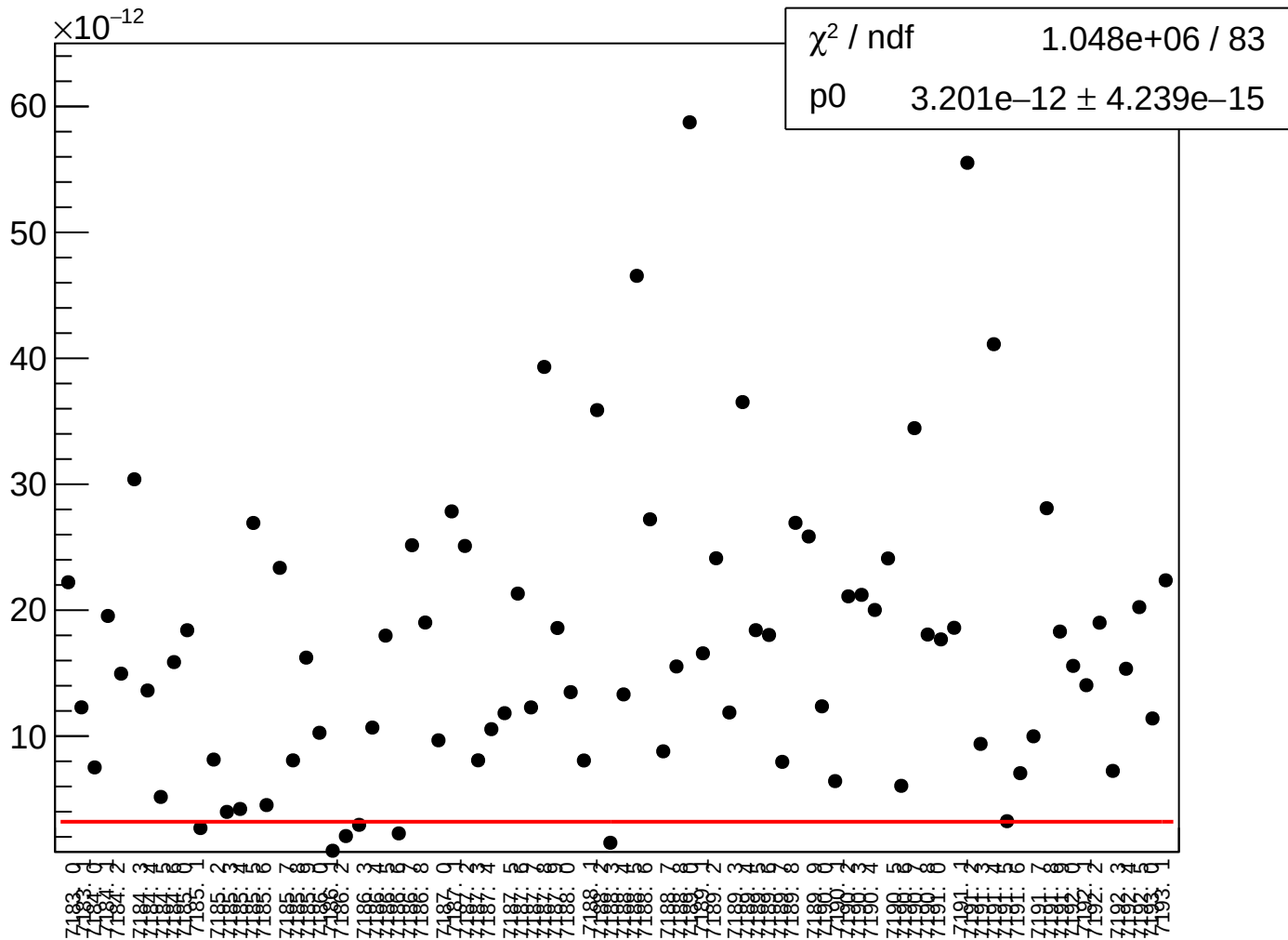
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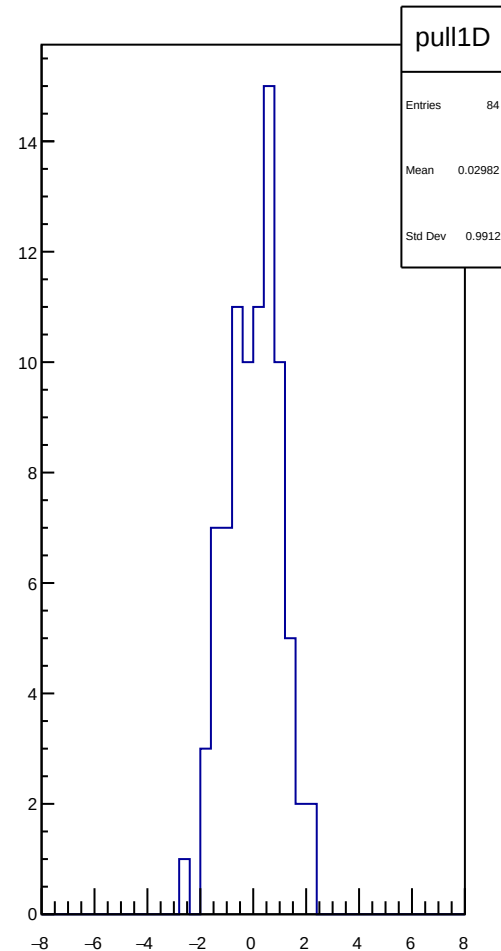
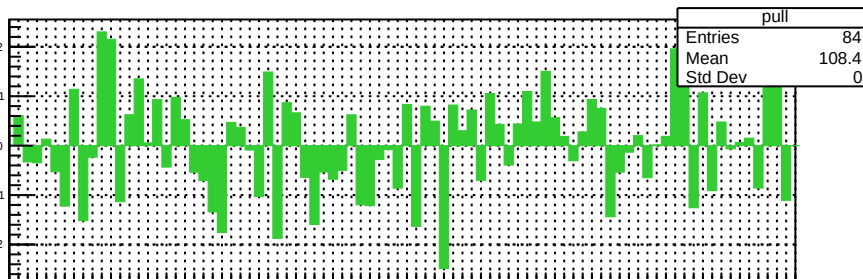
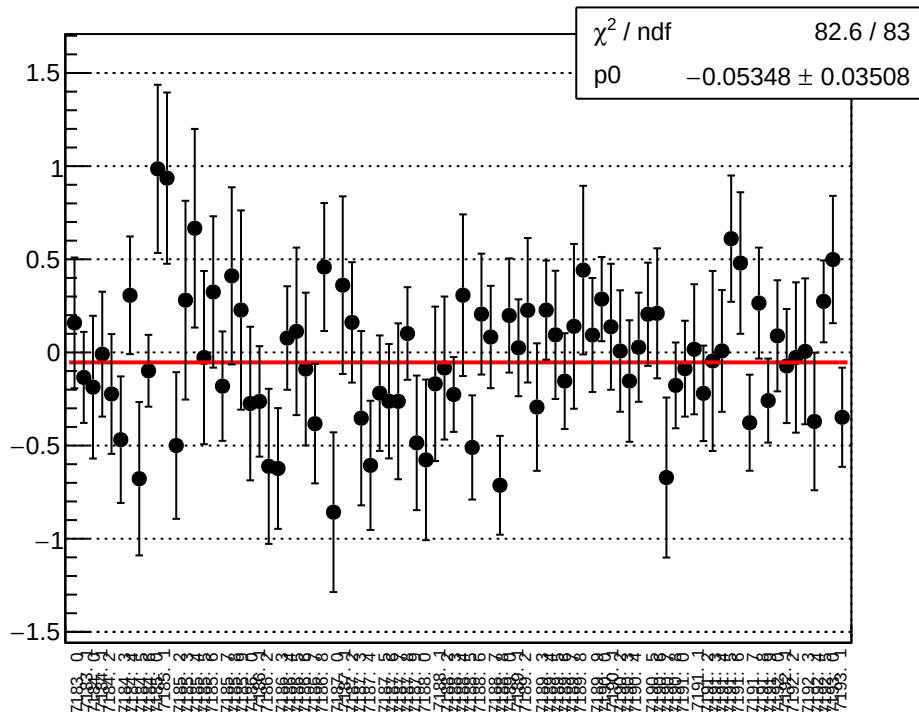
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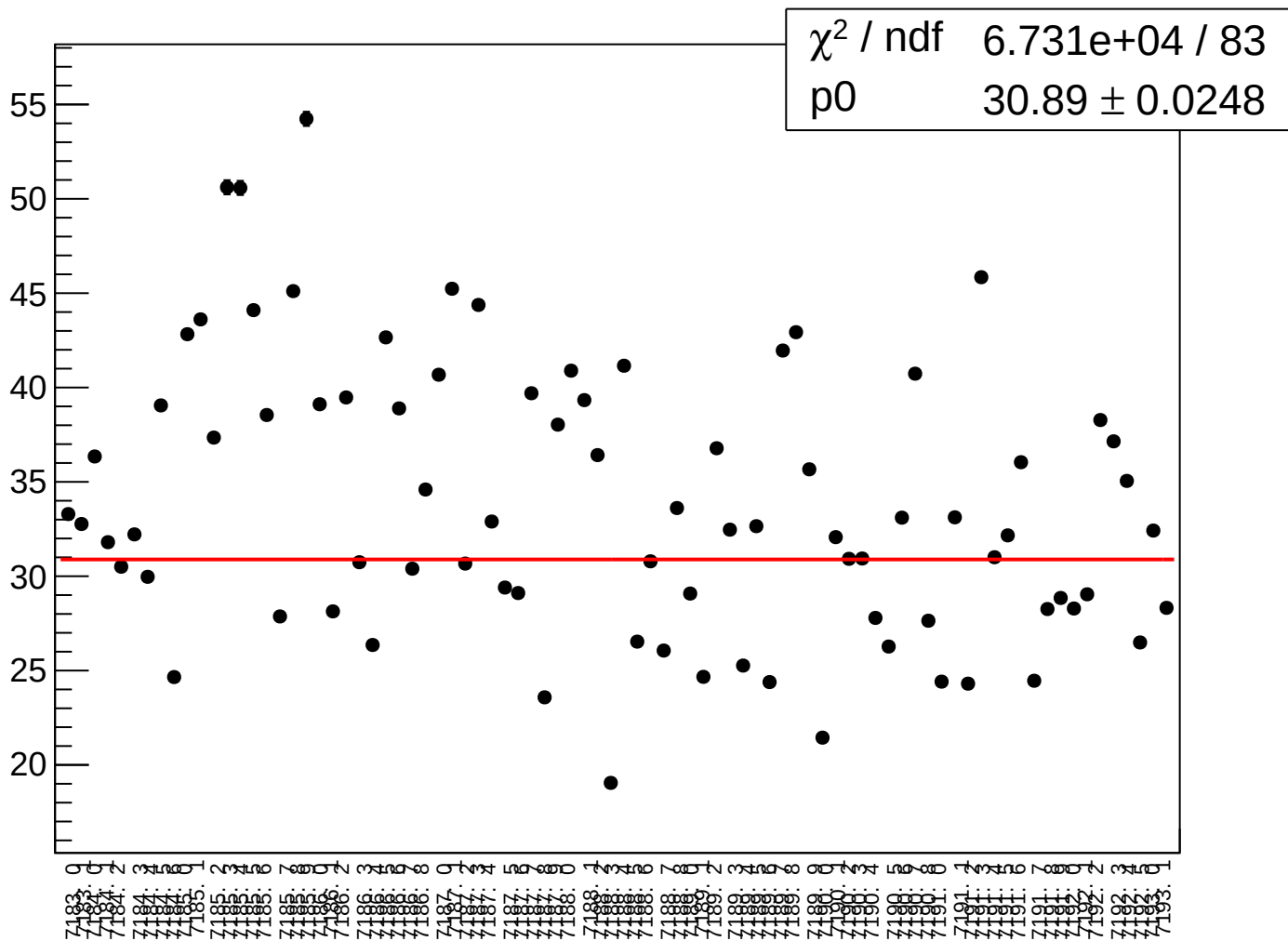
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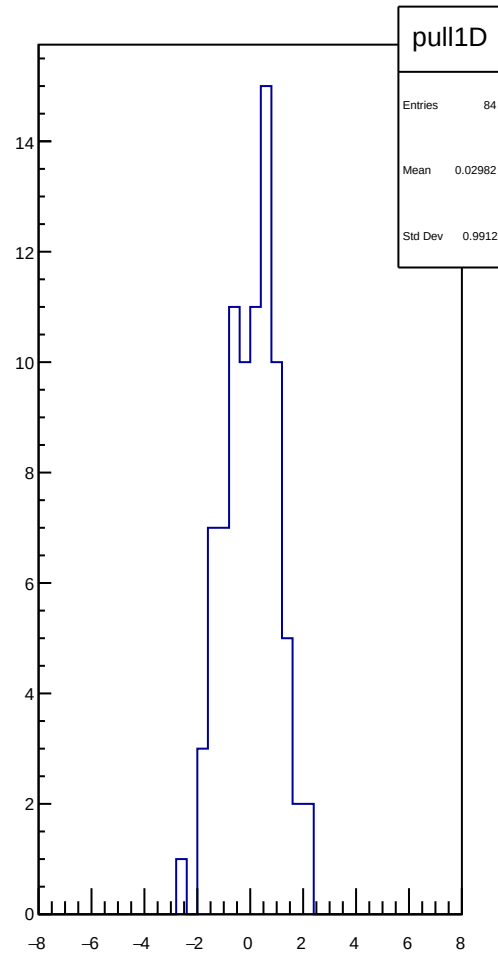
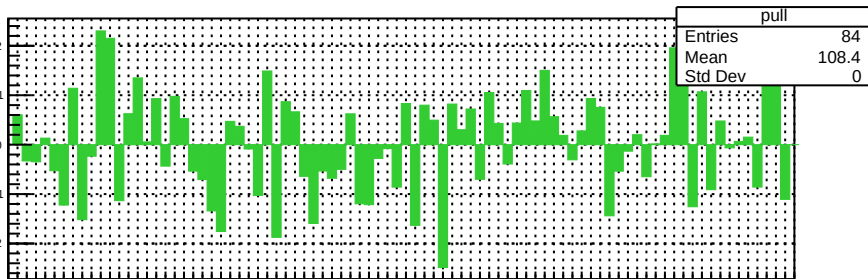
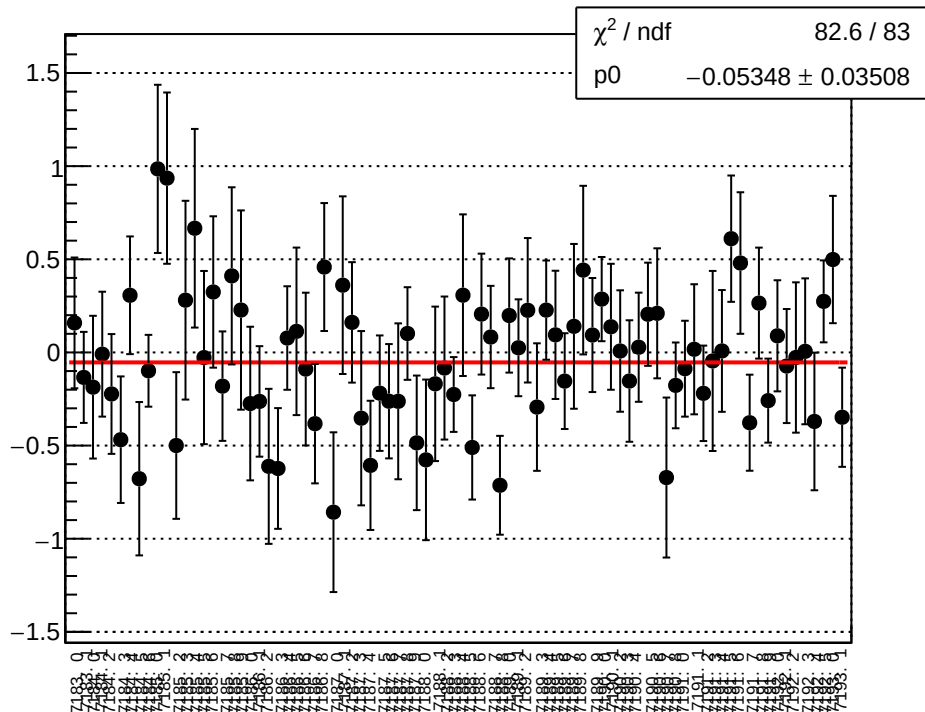
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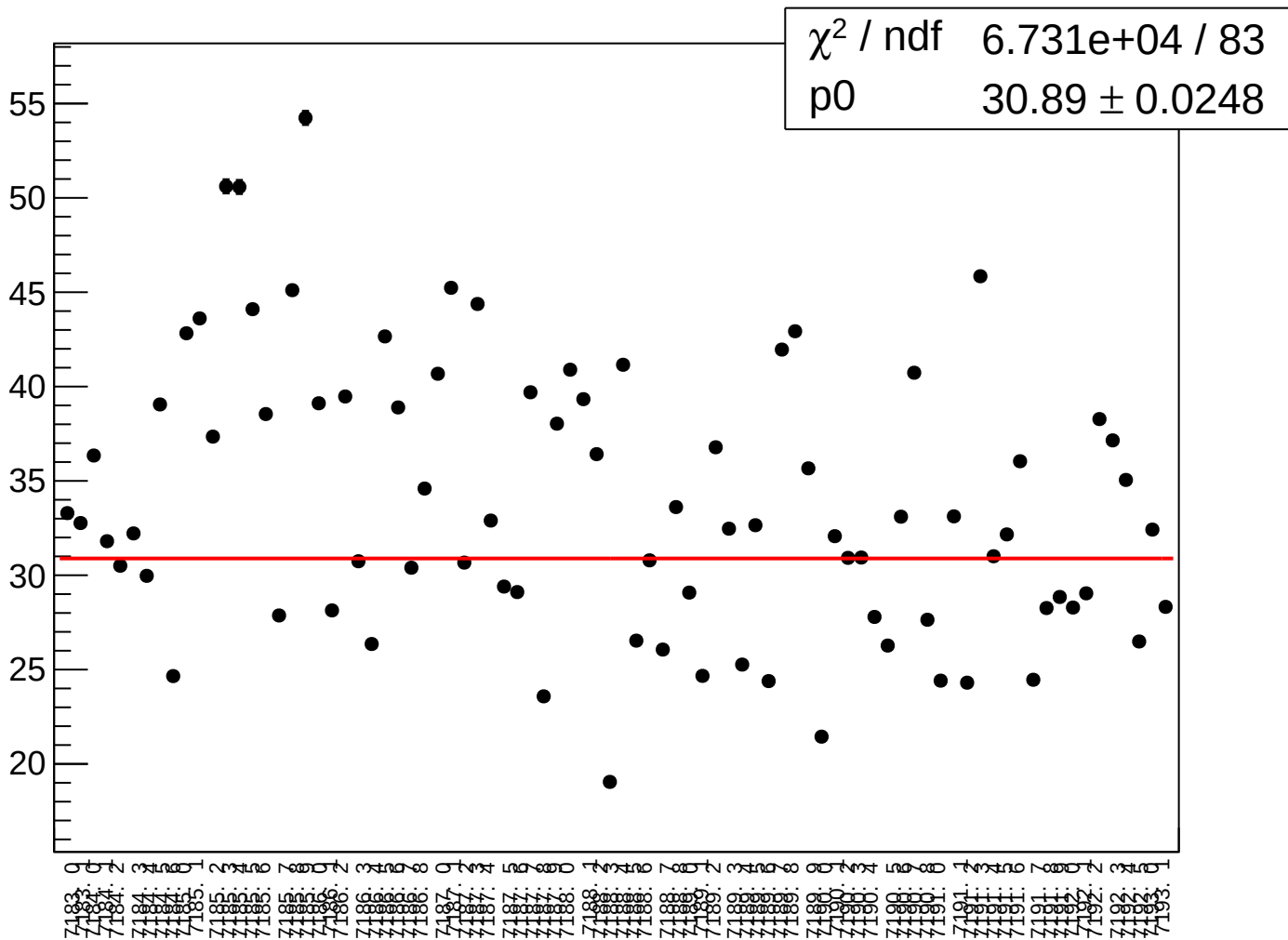
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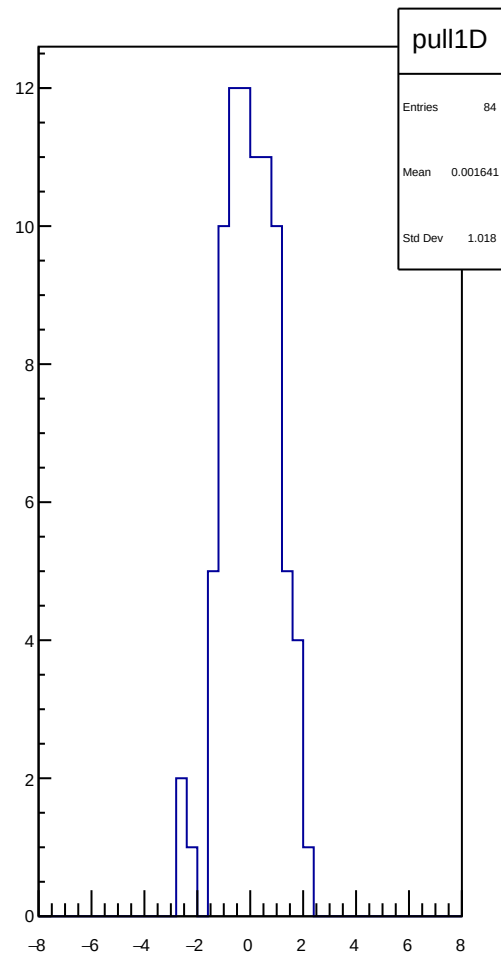
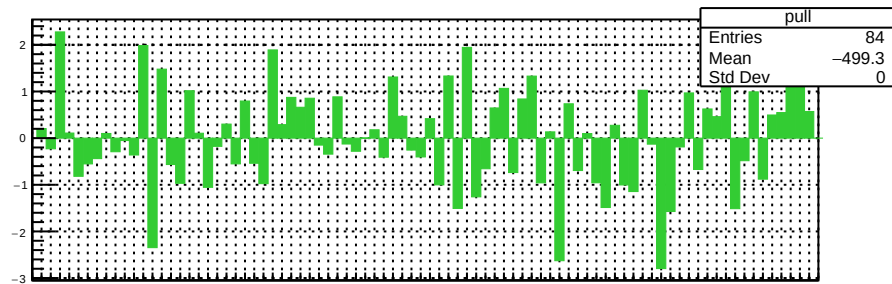
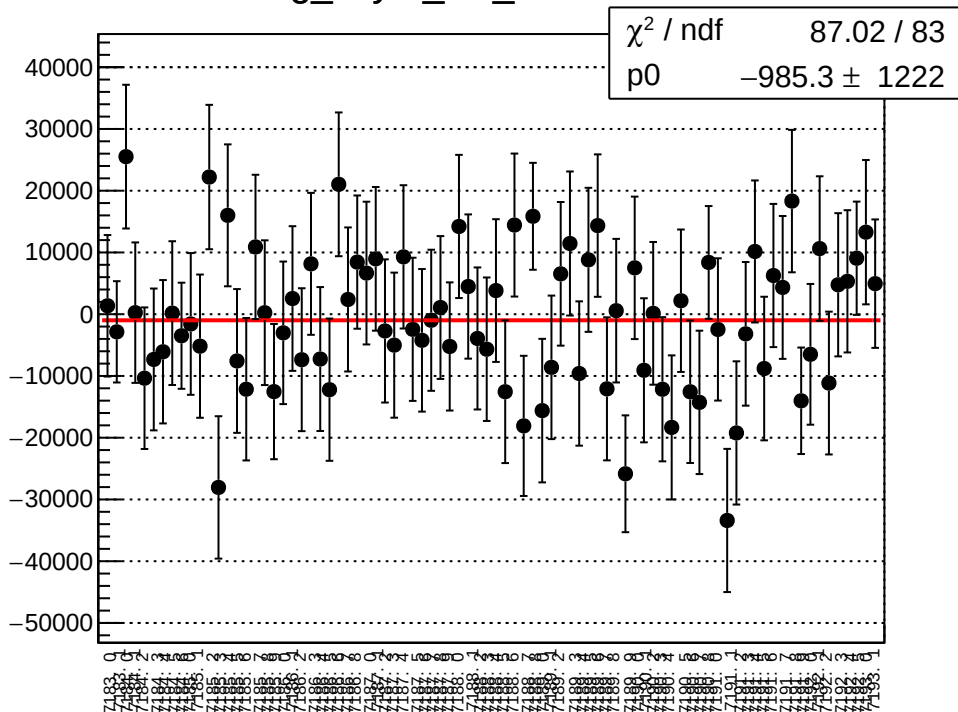
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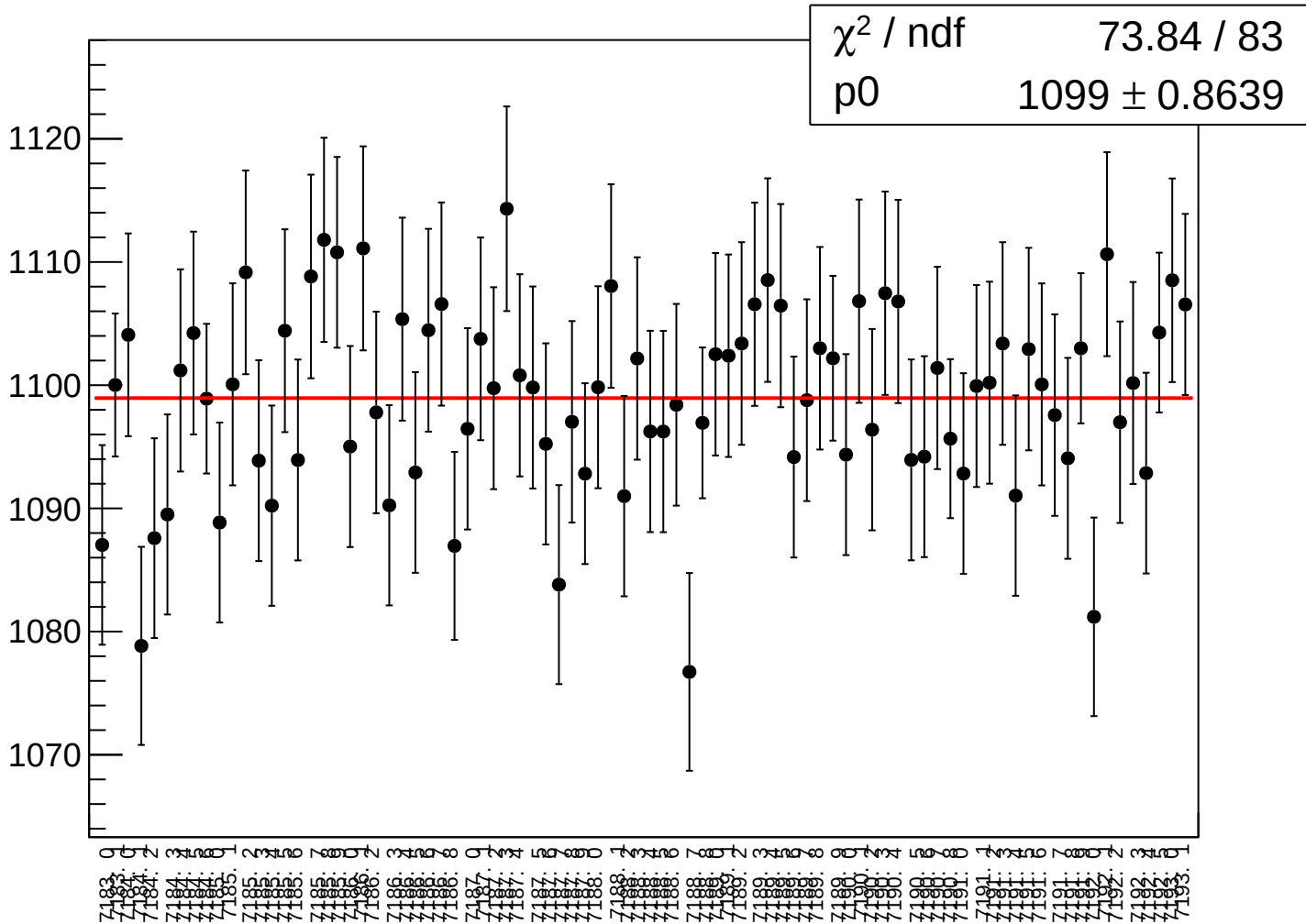
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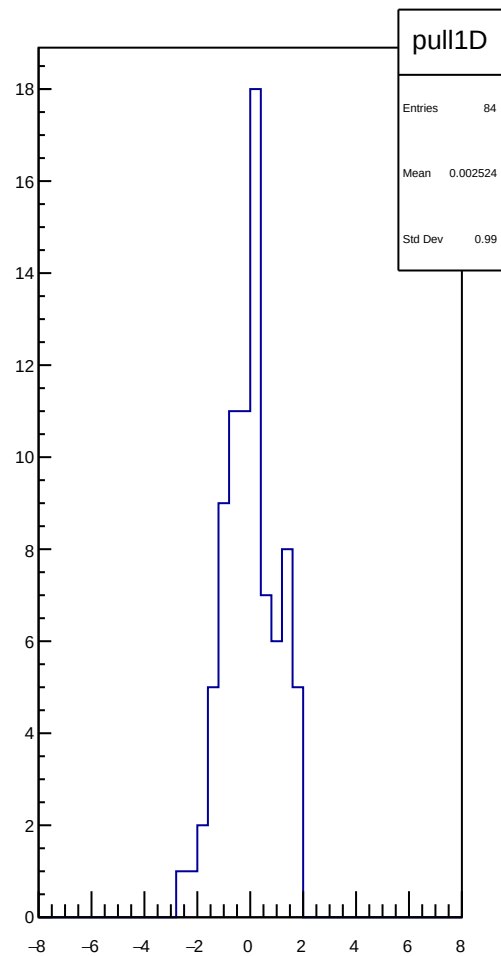
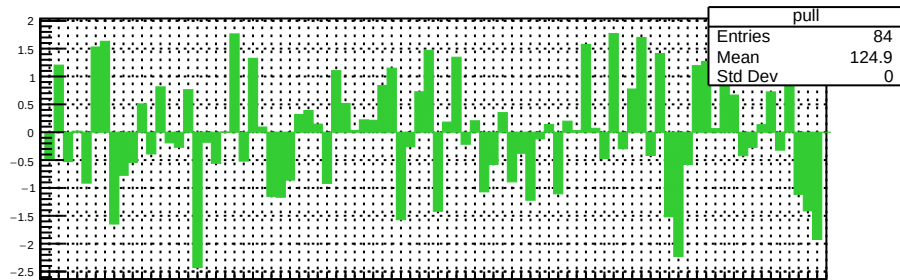
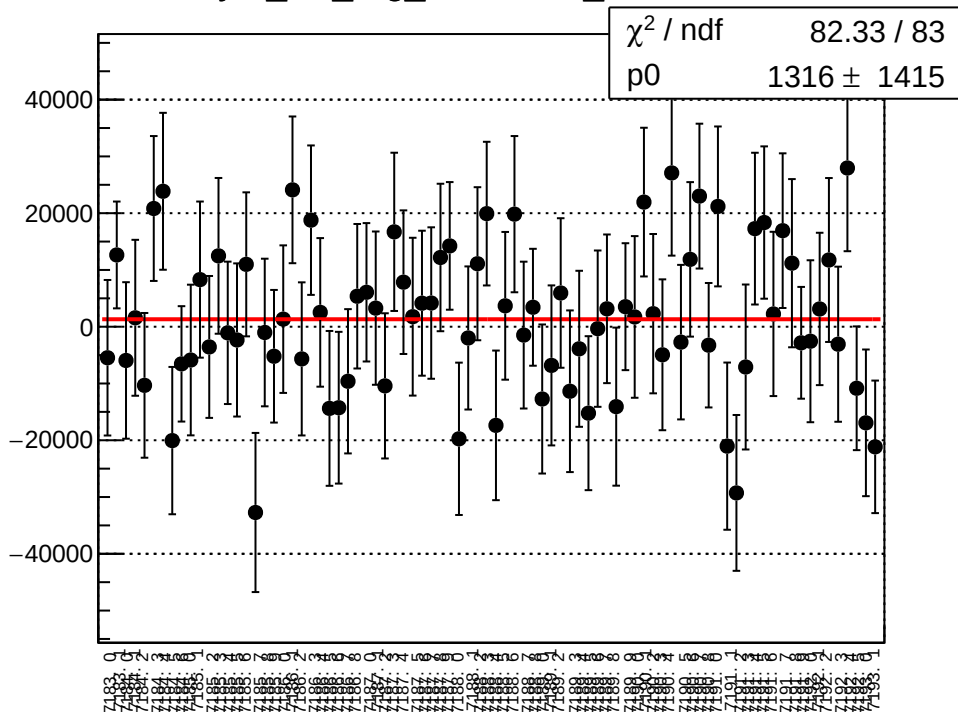
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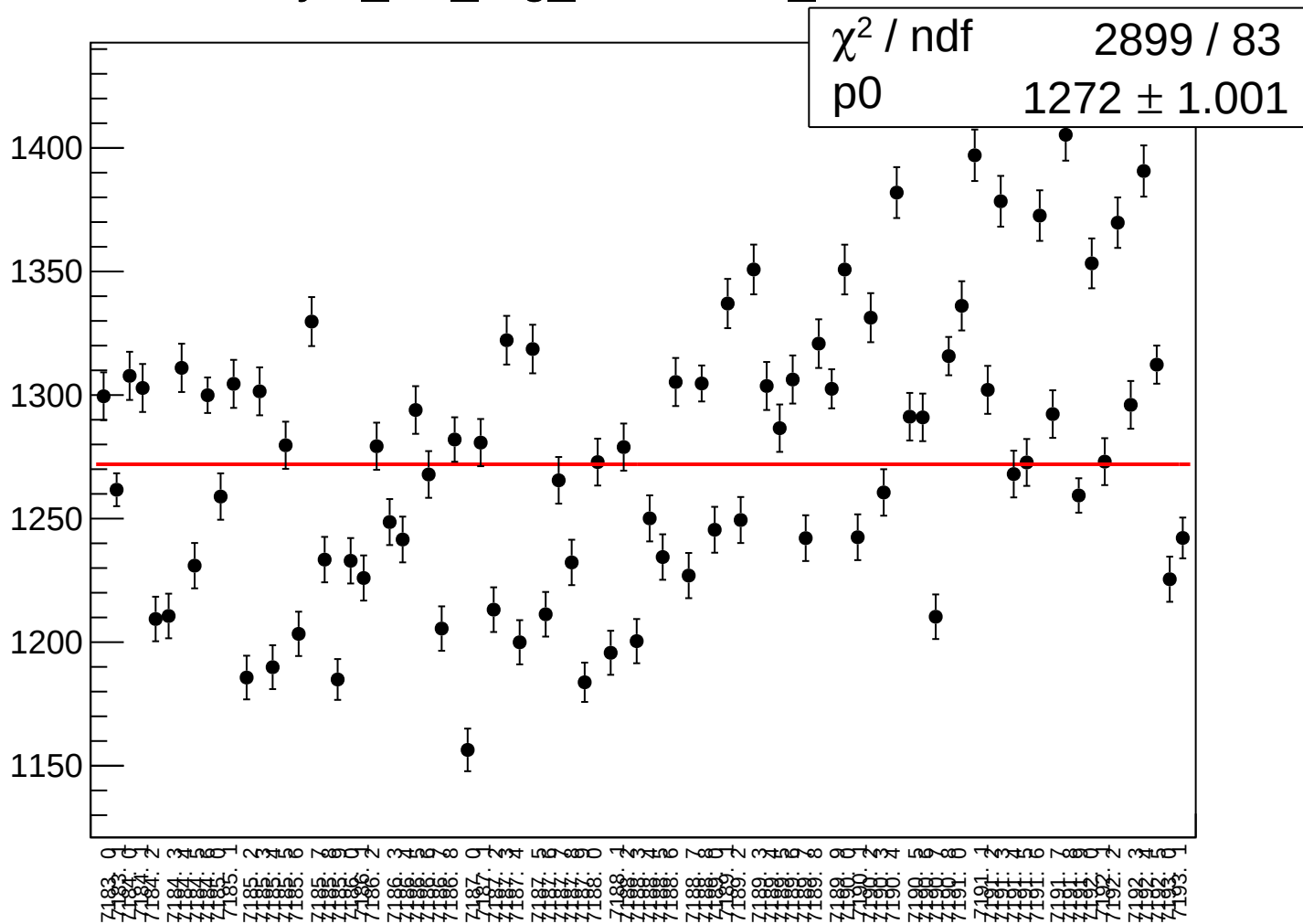
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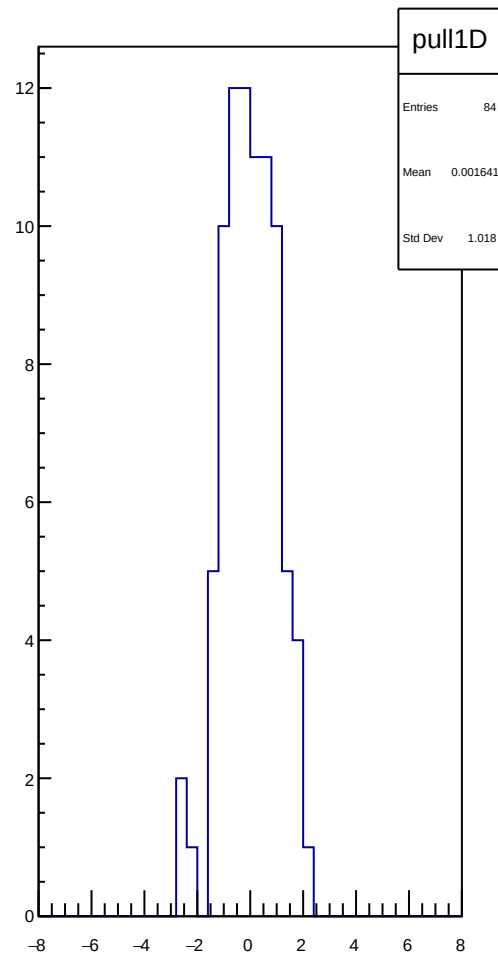
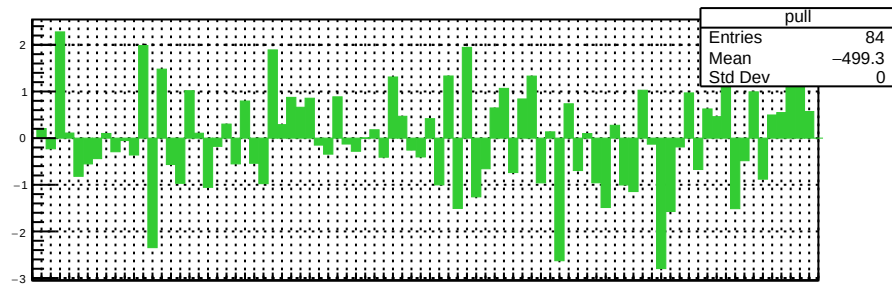
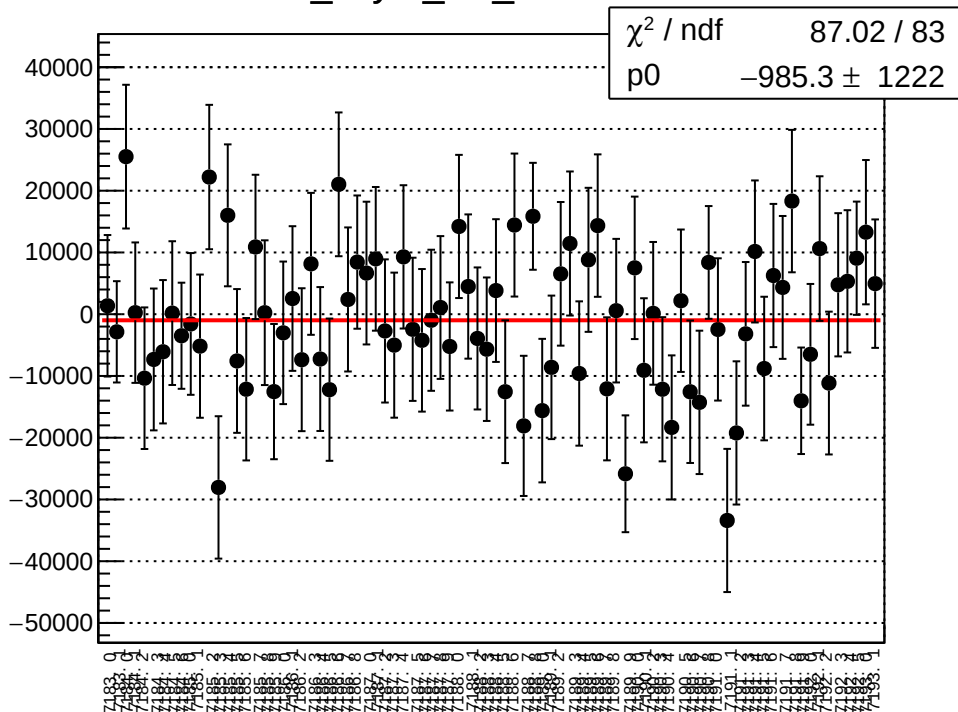
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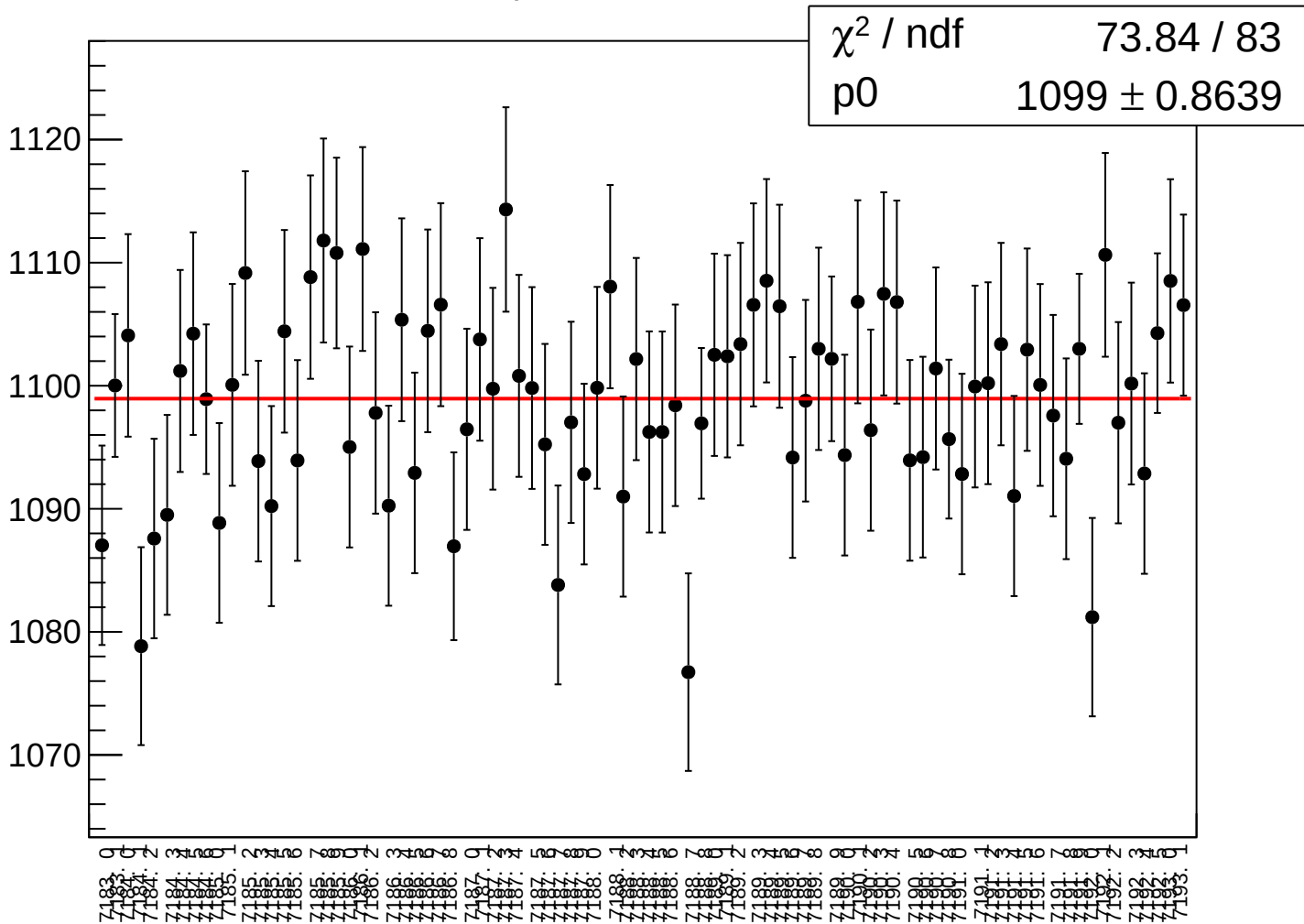
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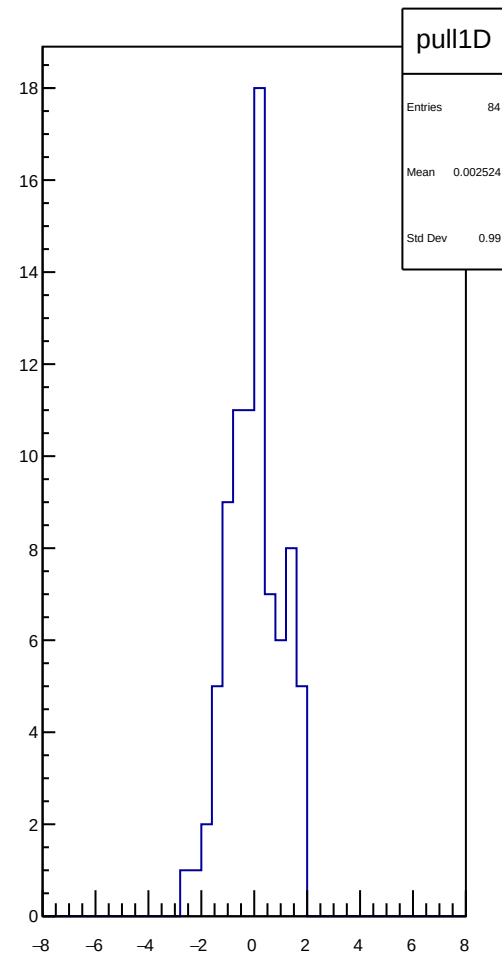
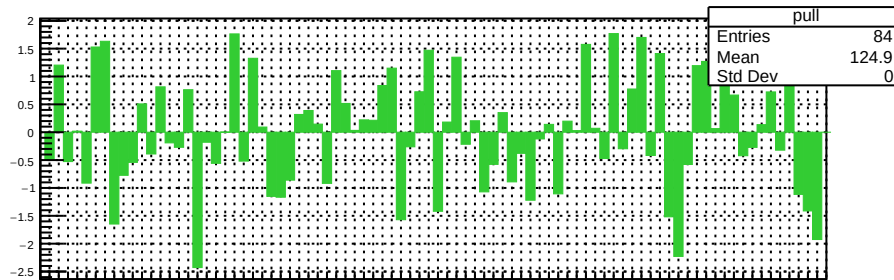
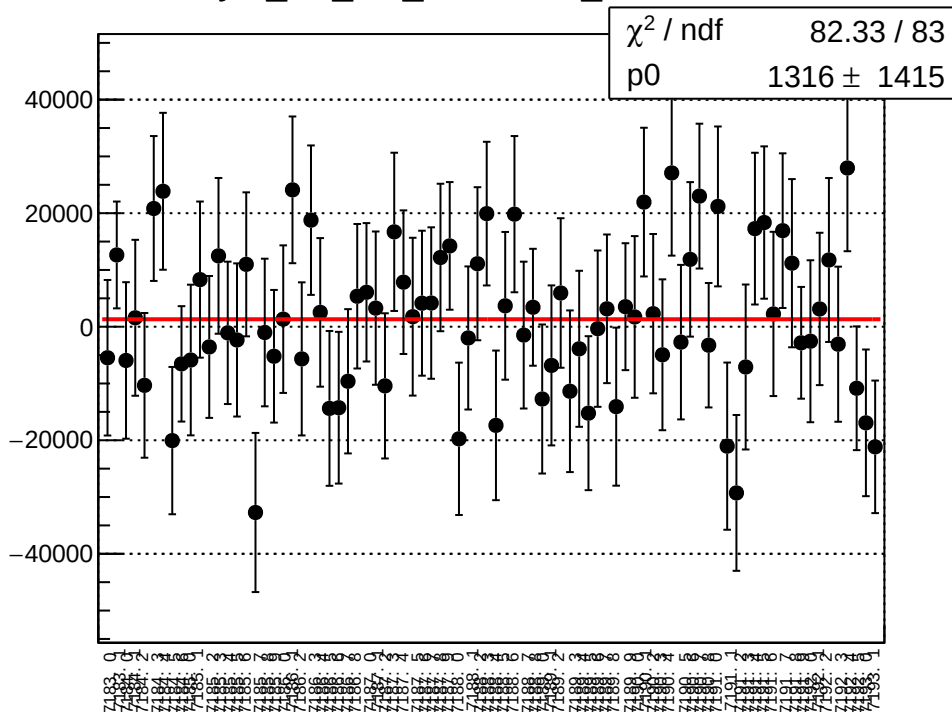
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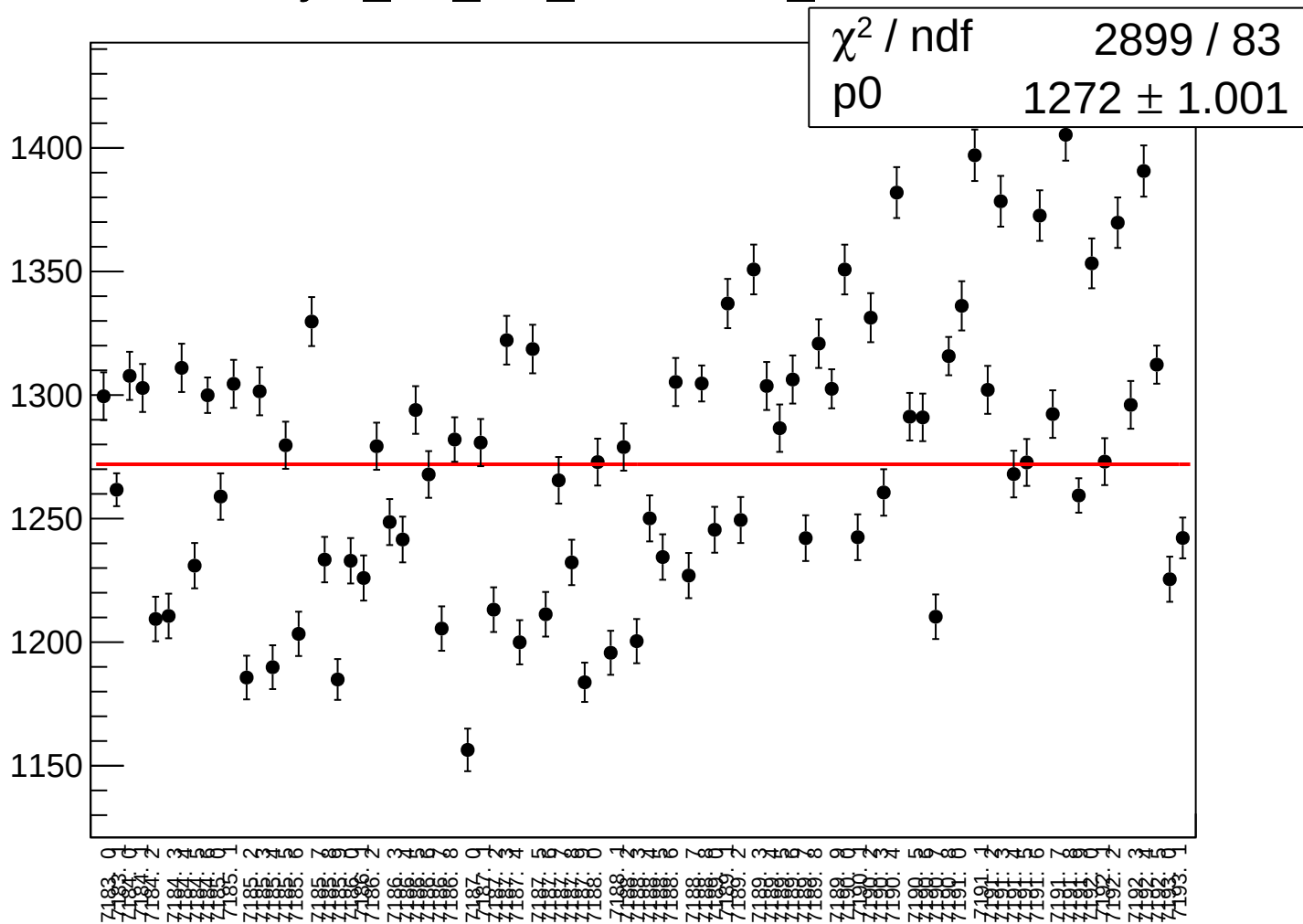
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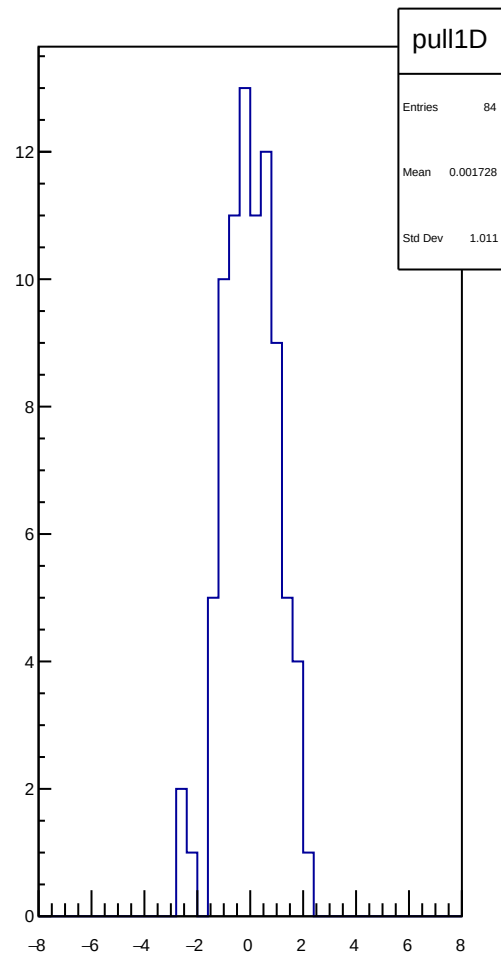
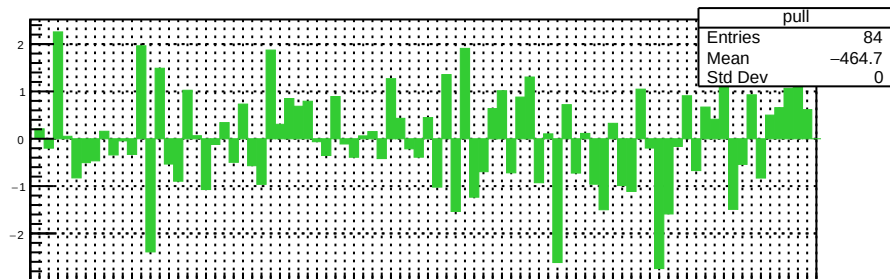
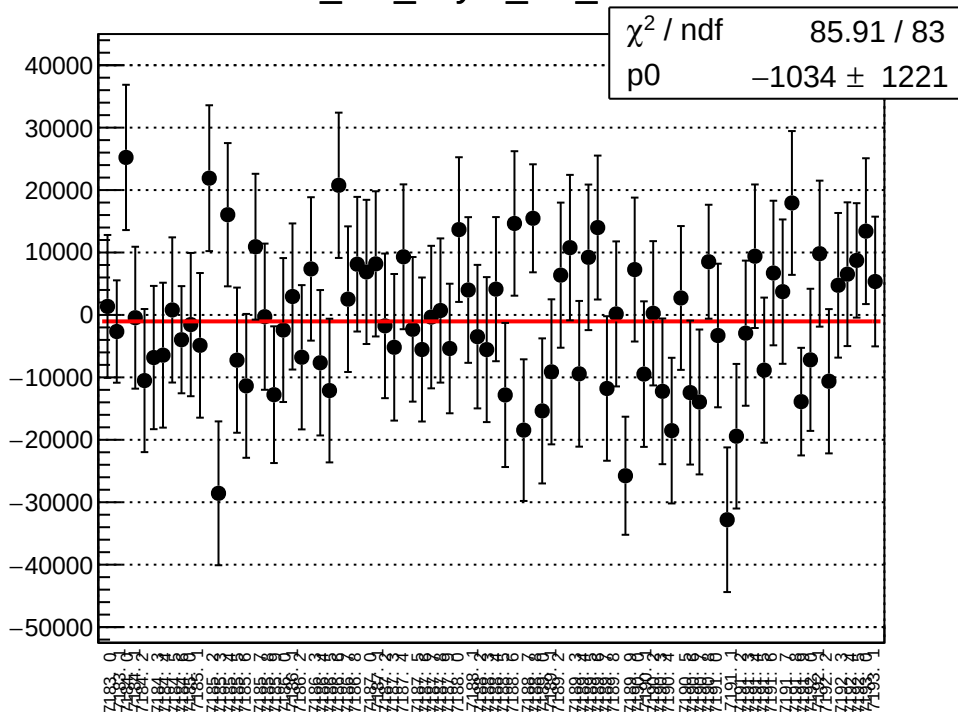
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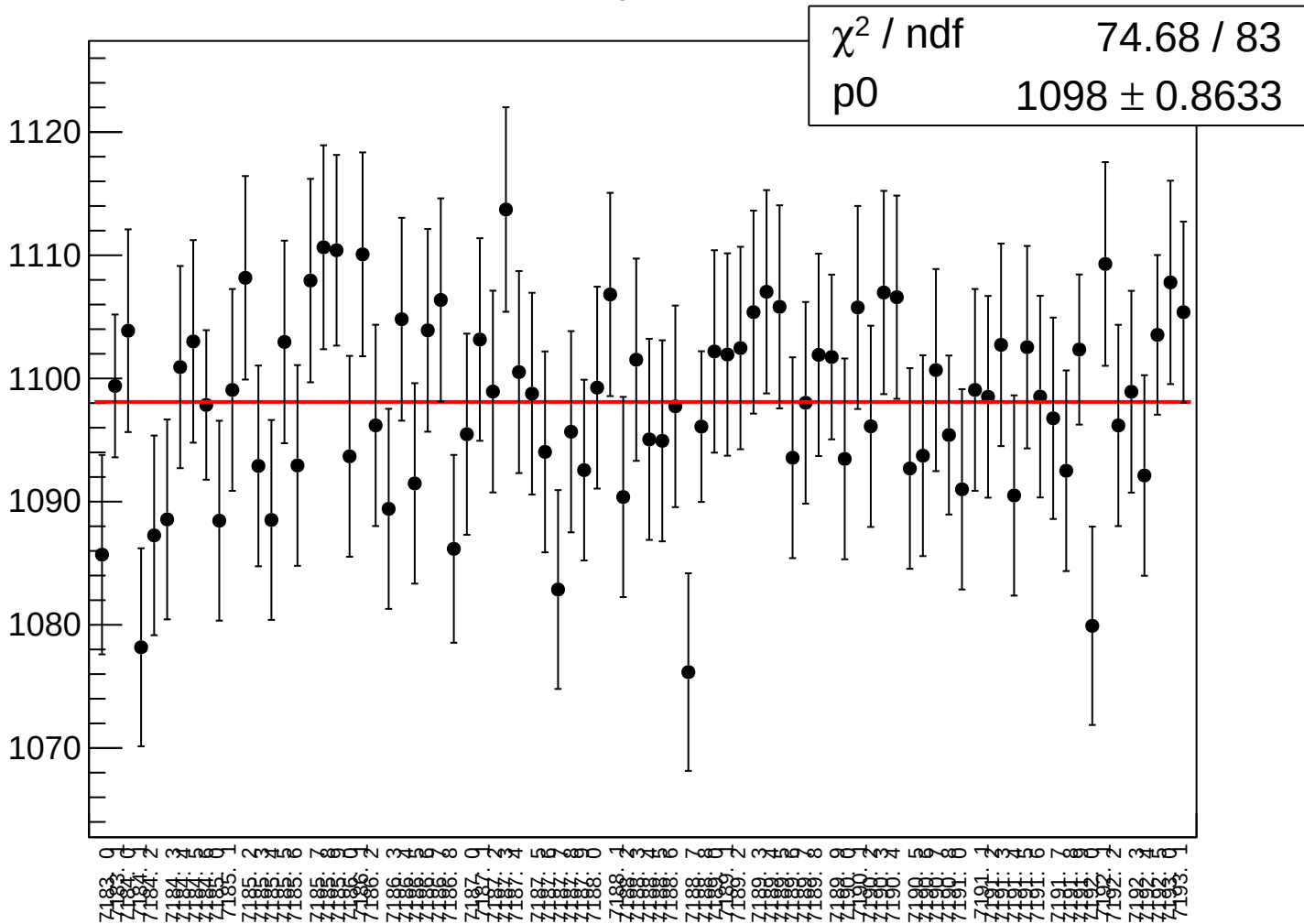
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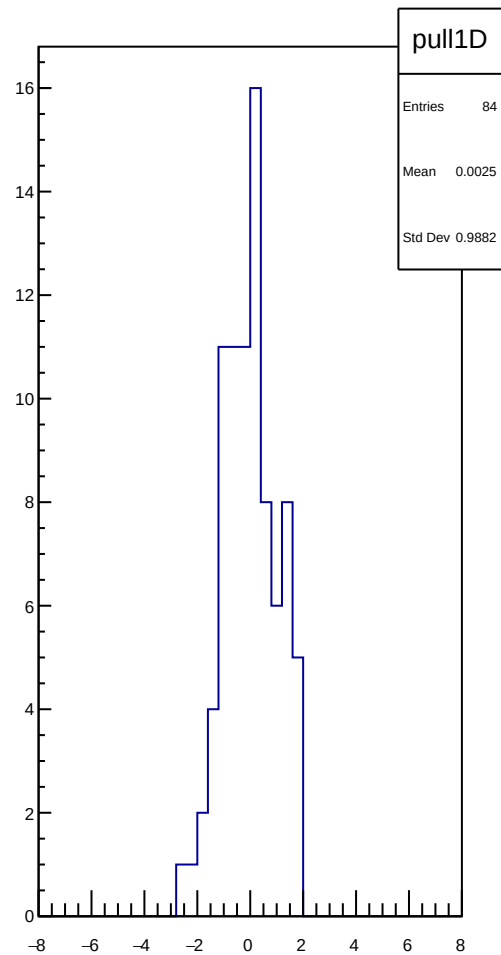
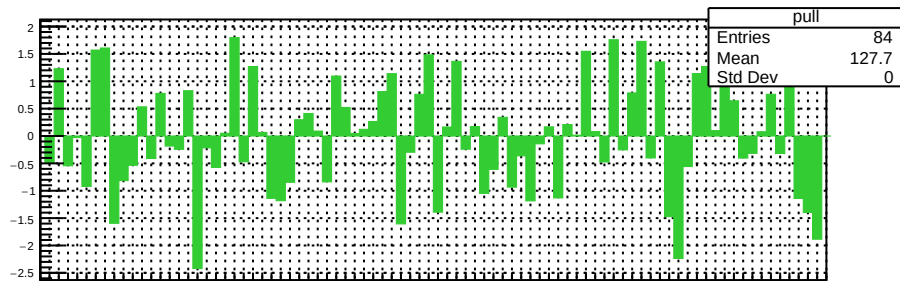
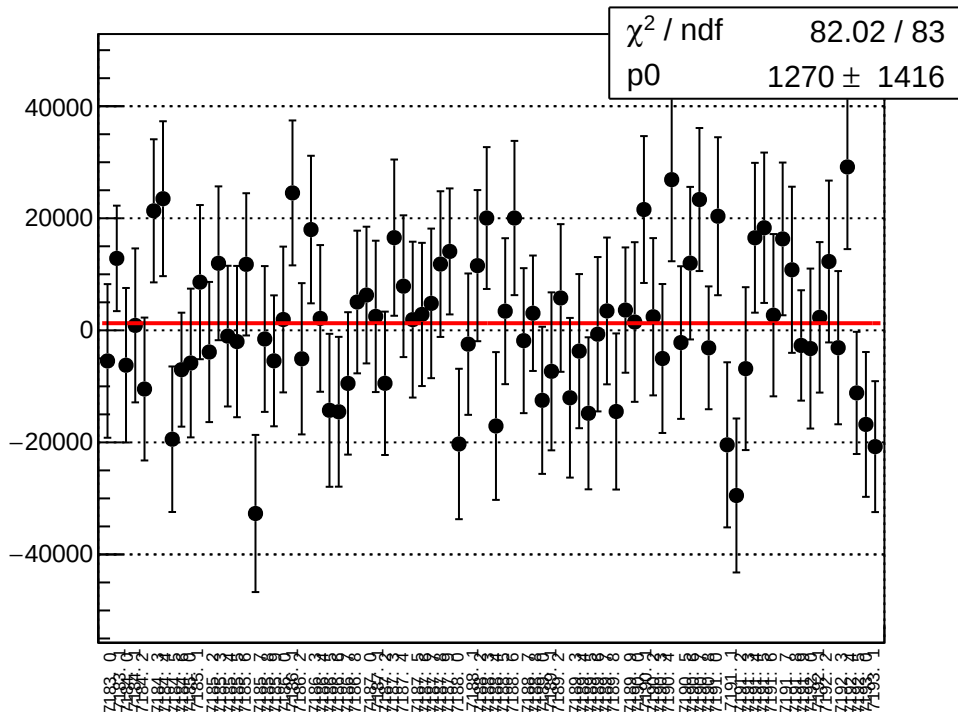
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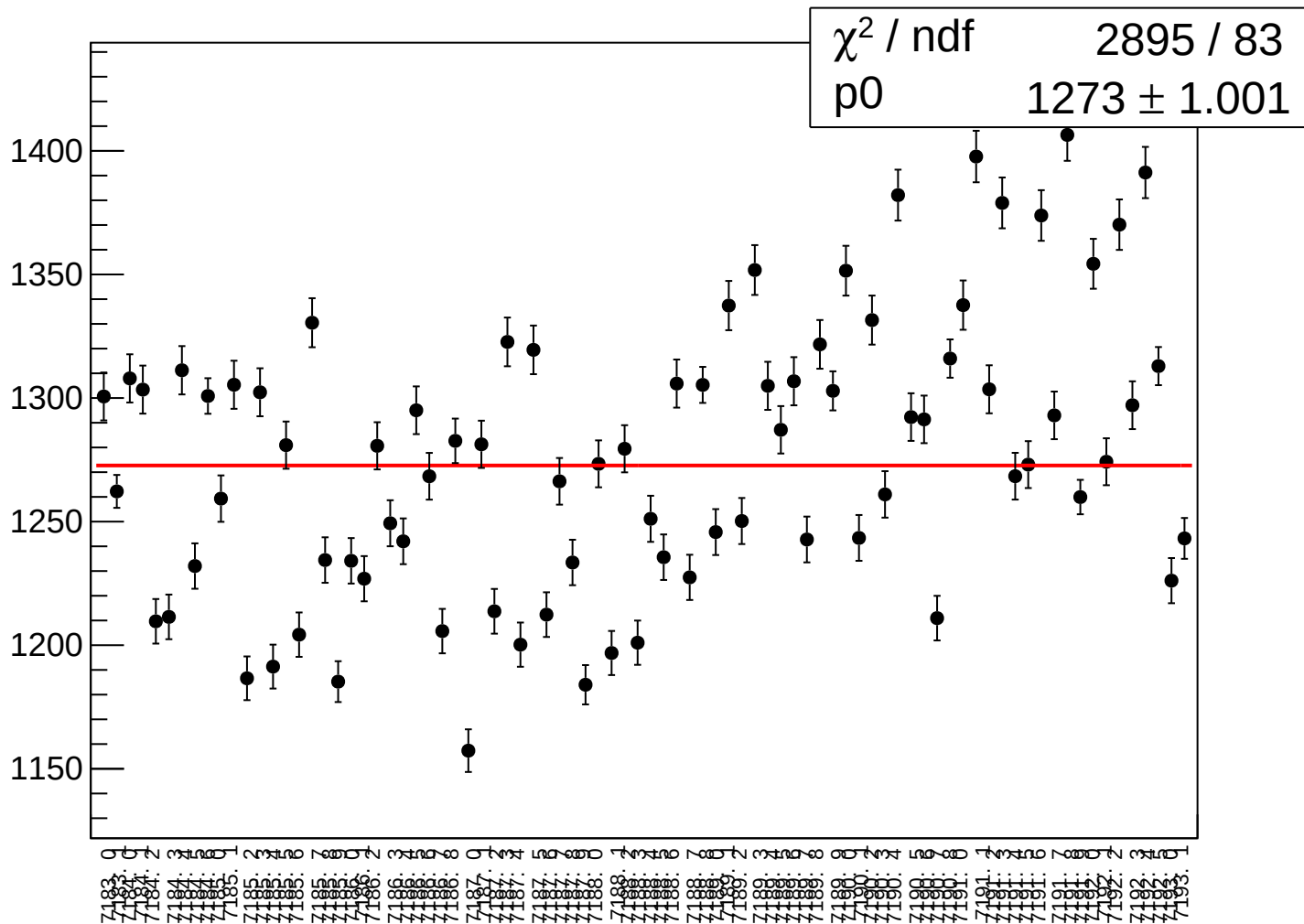
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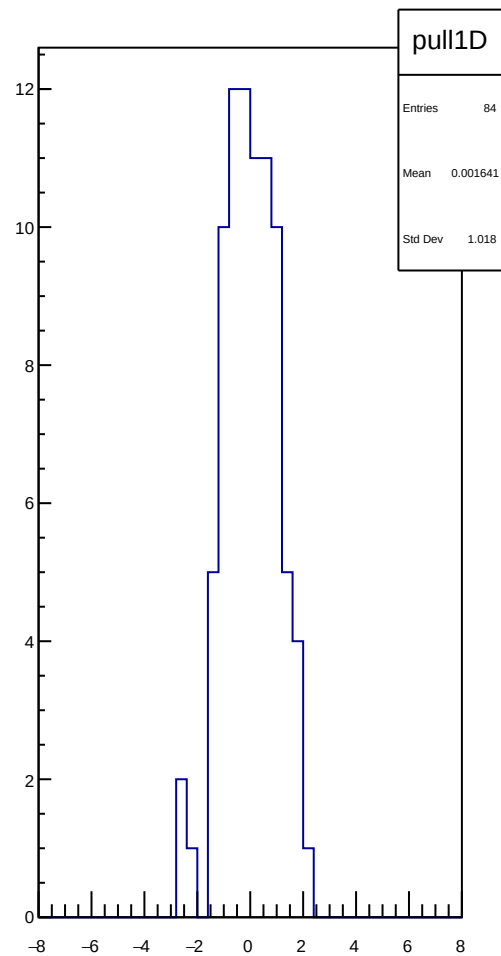
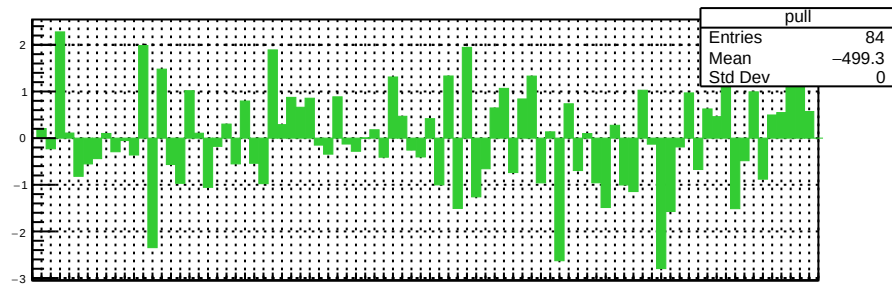
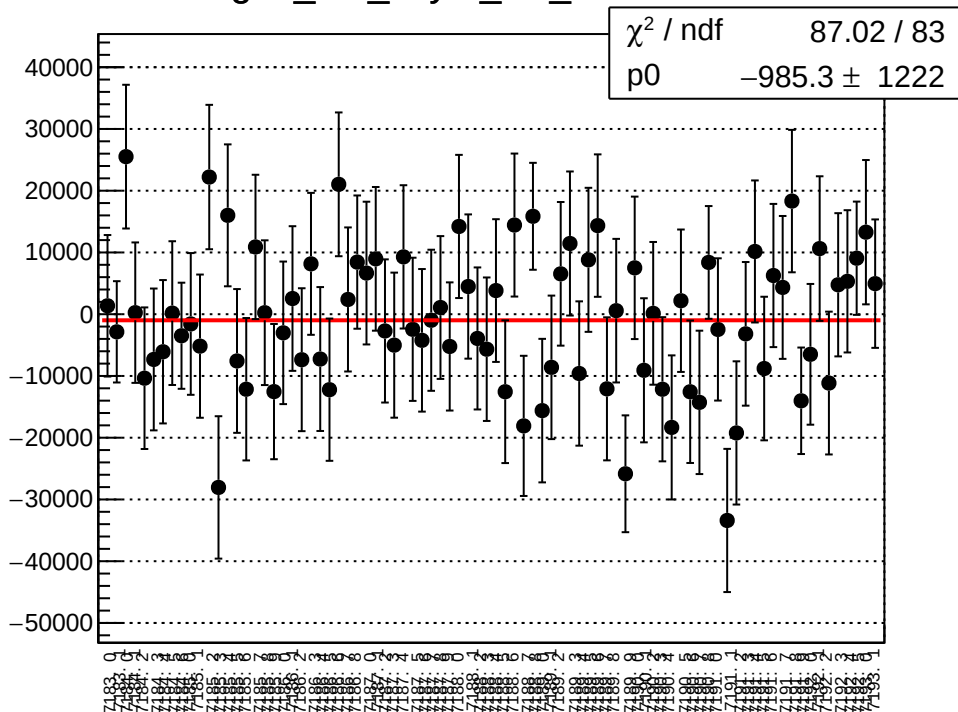
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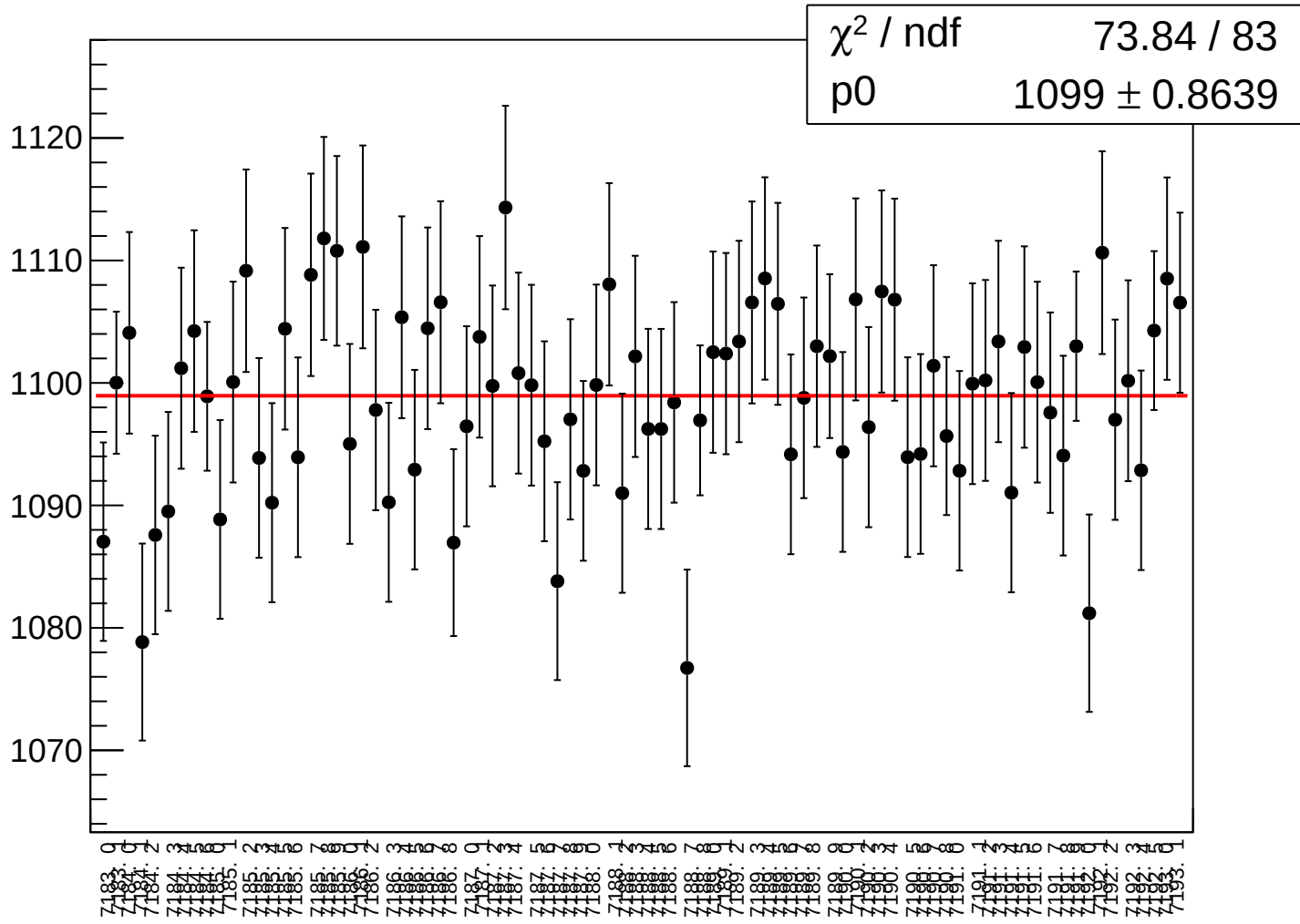
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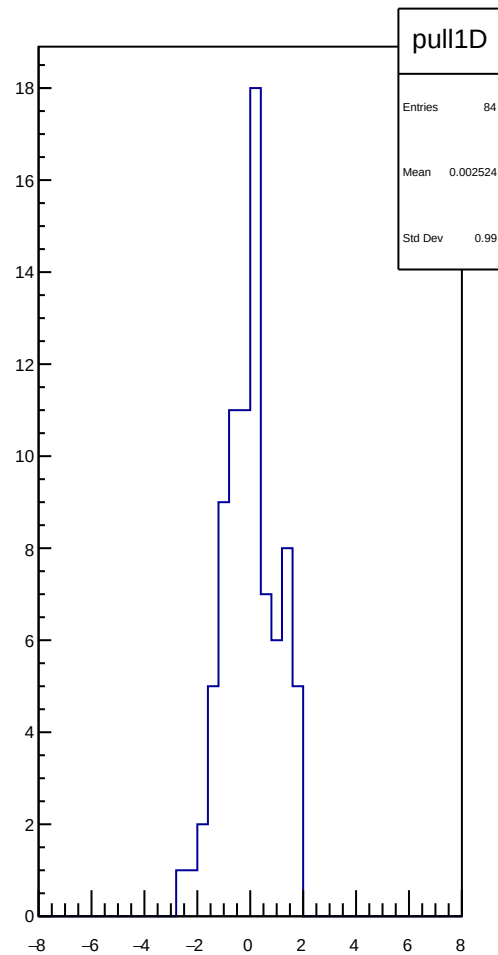
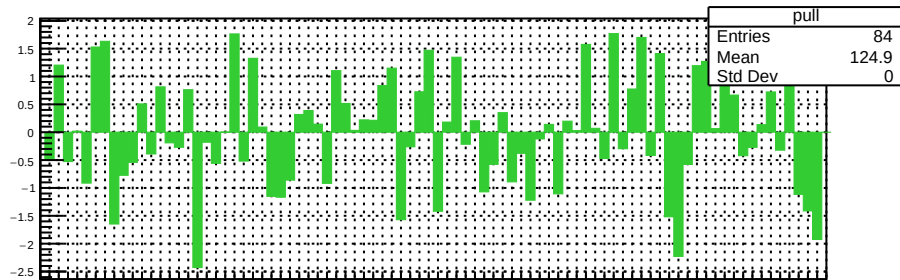
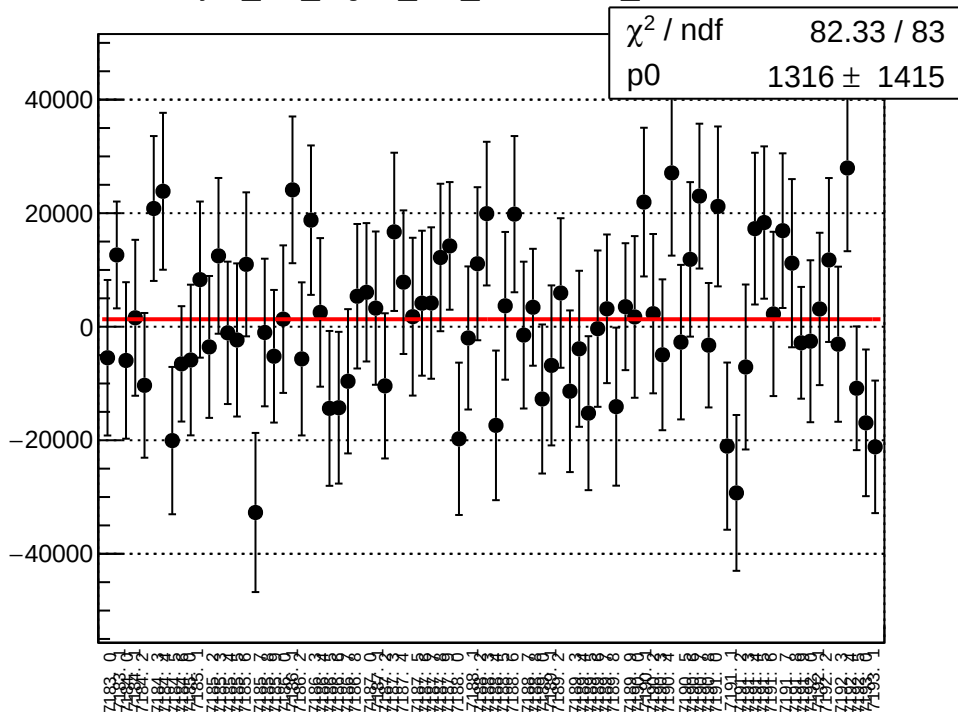
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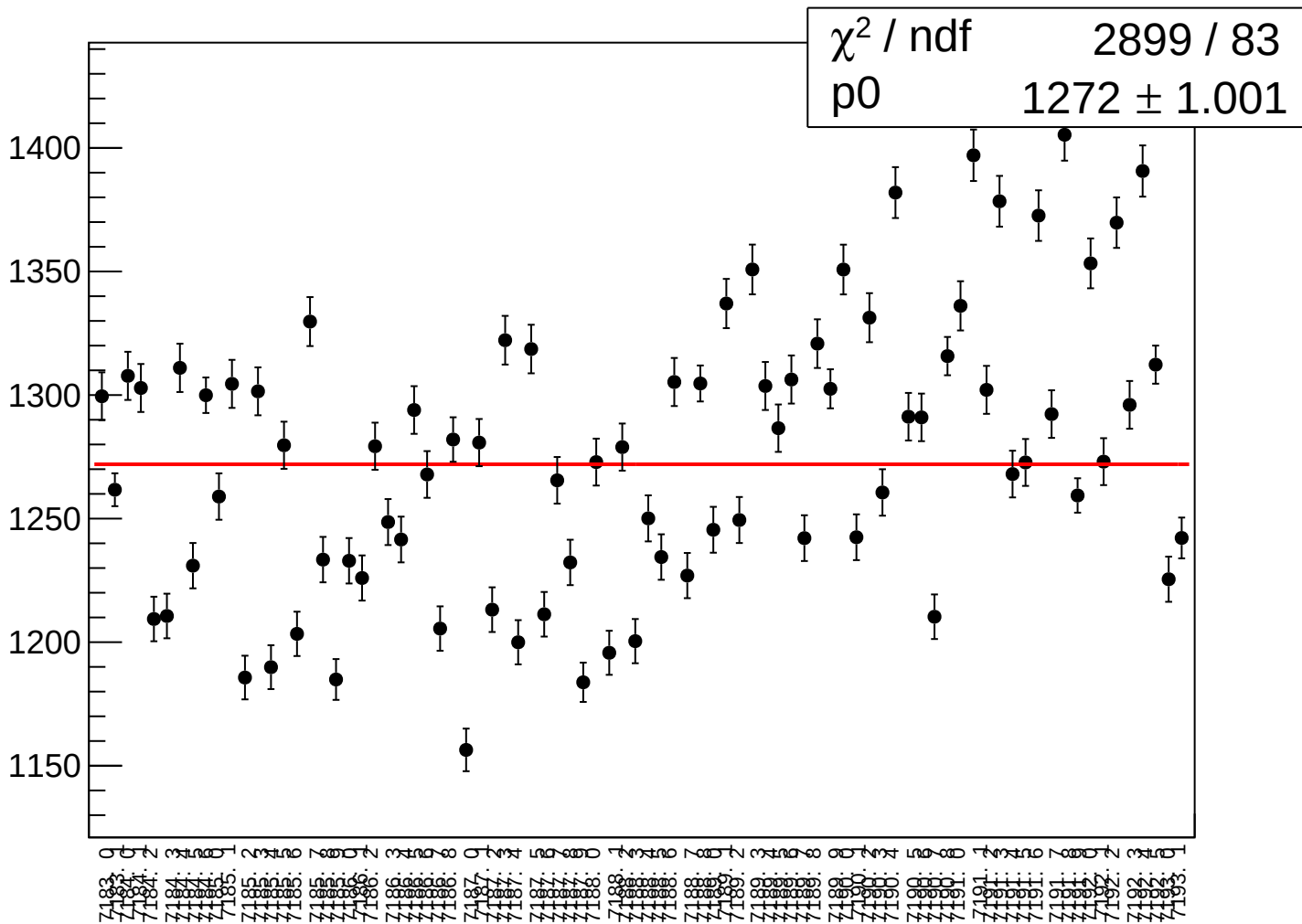
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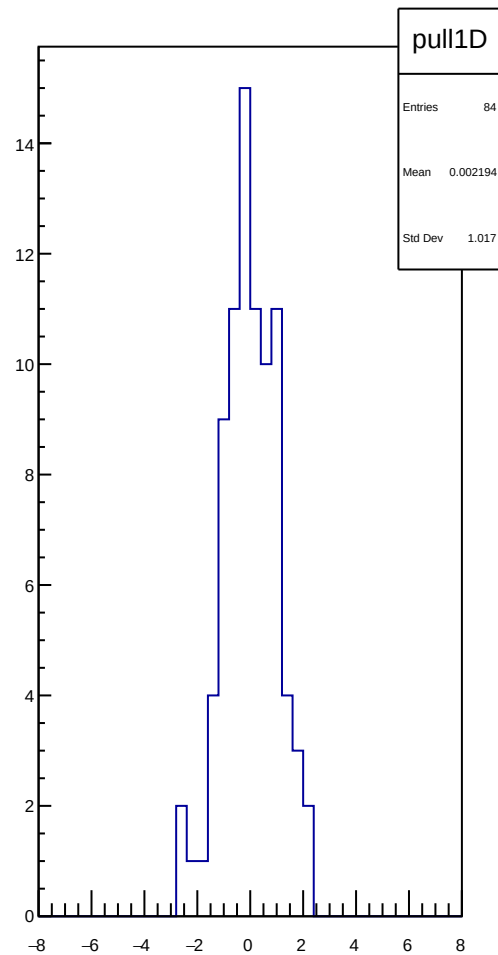
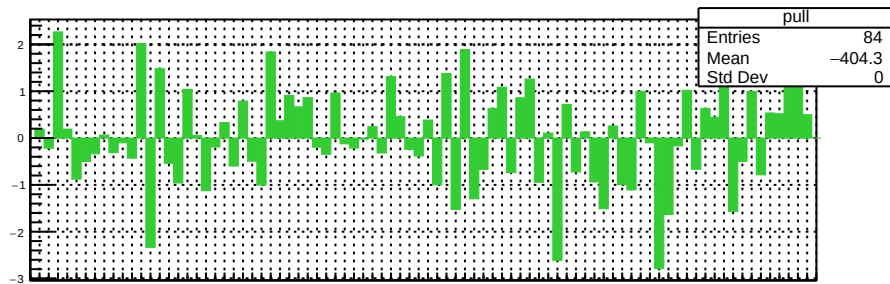
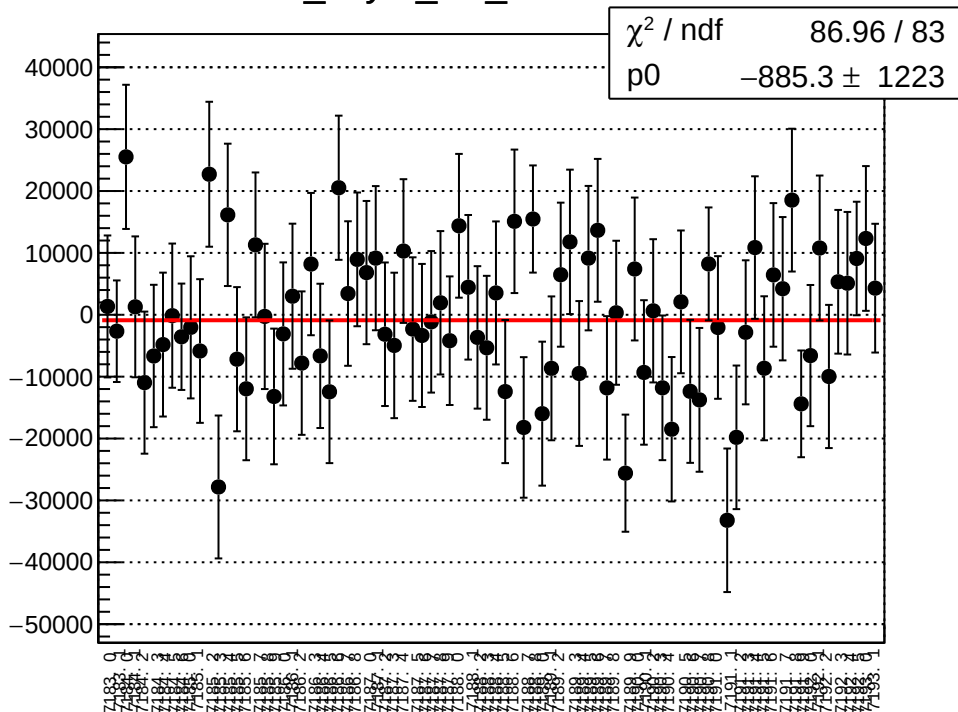
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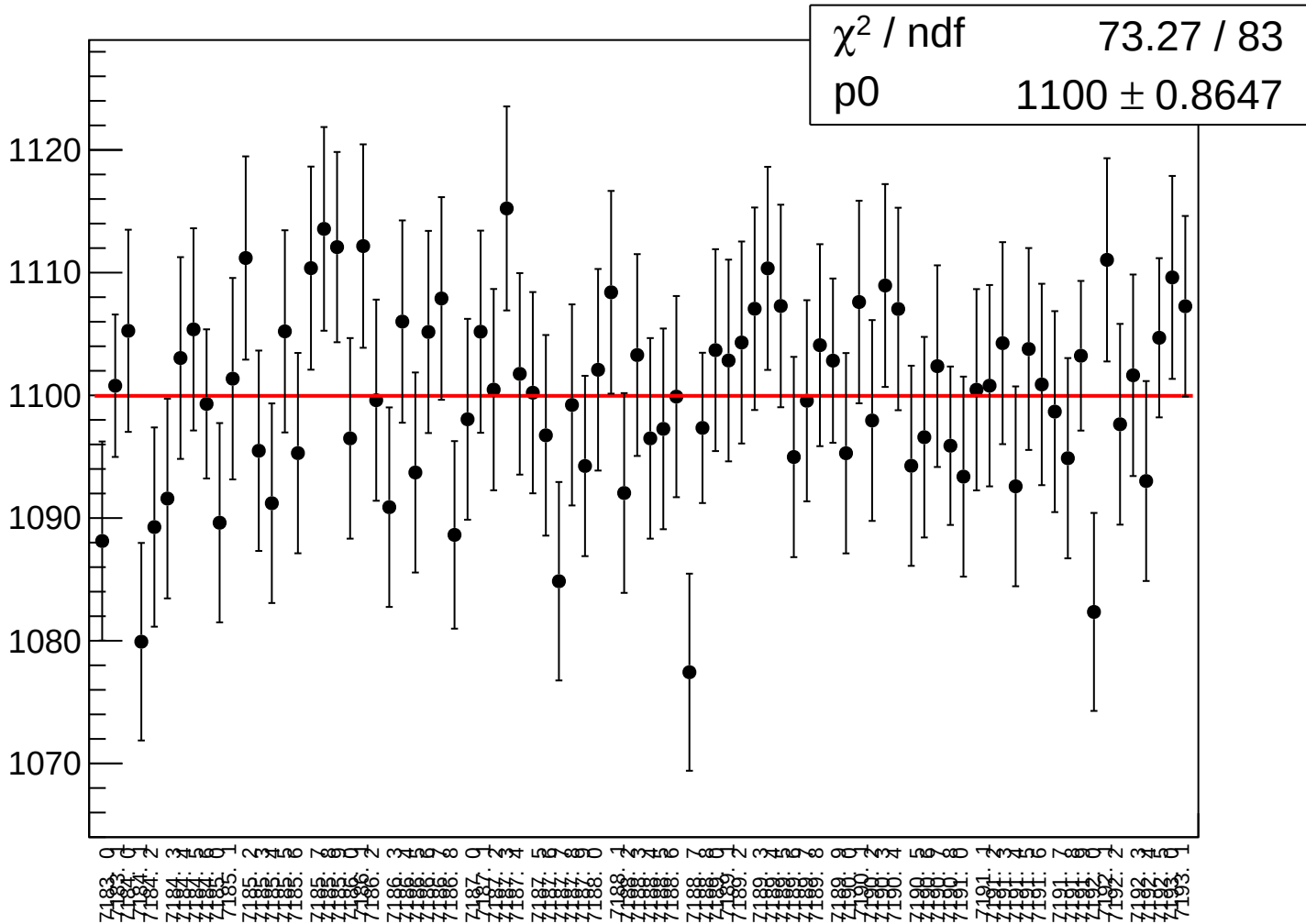
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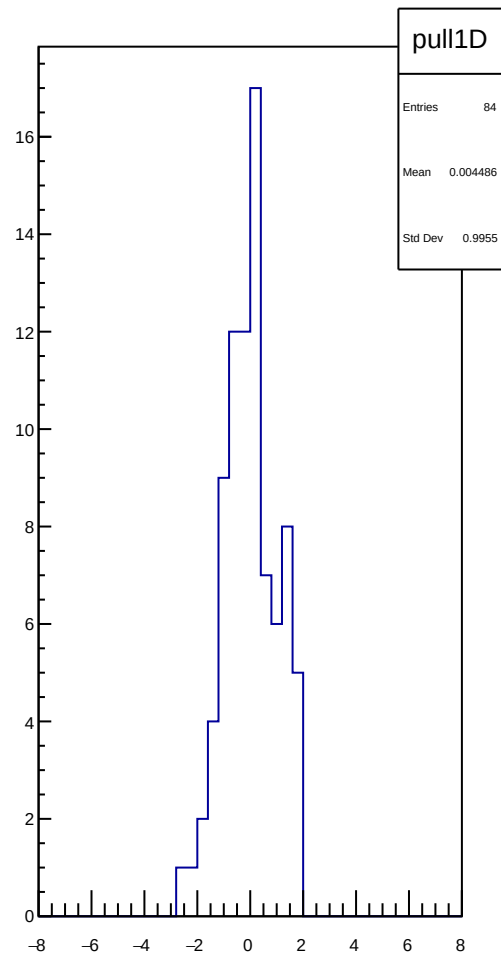
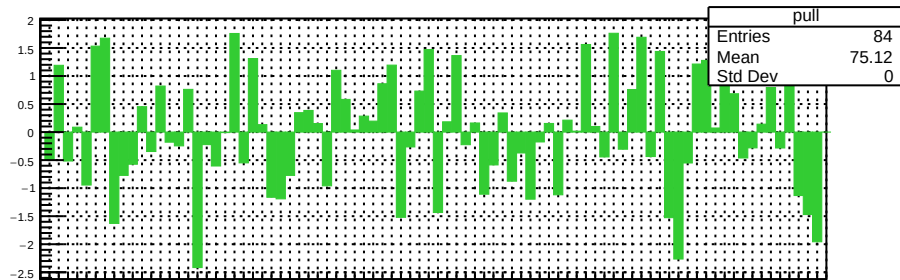
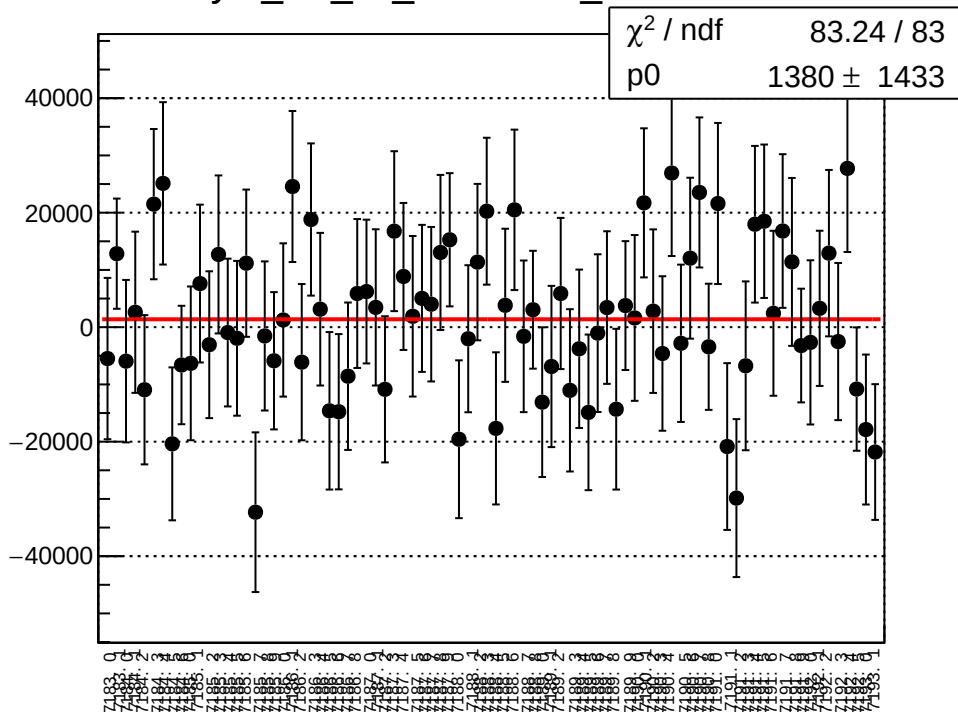
dit_asym_usl_mean vs run



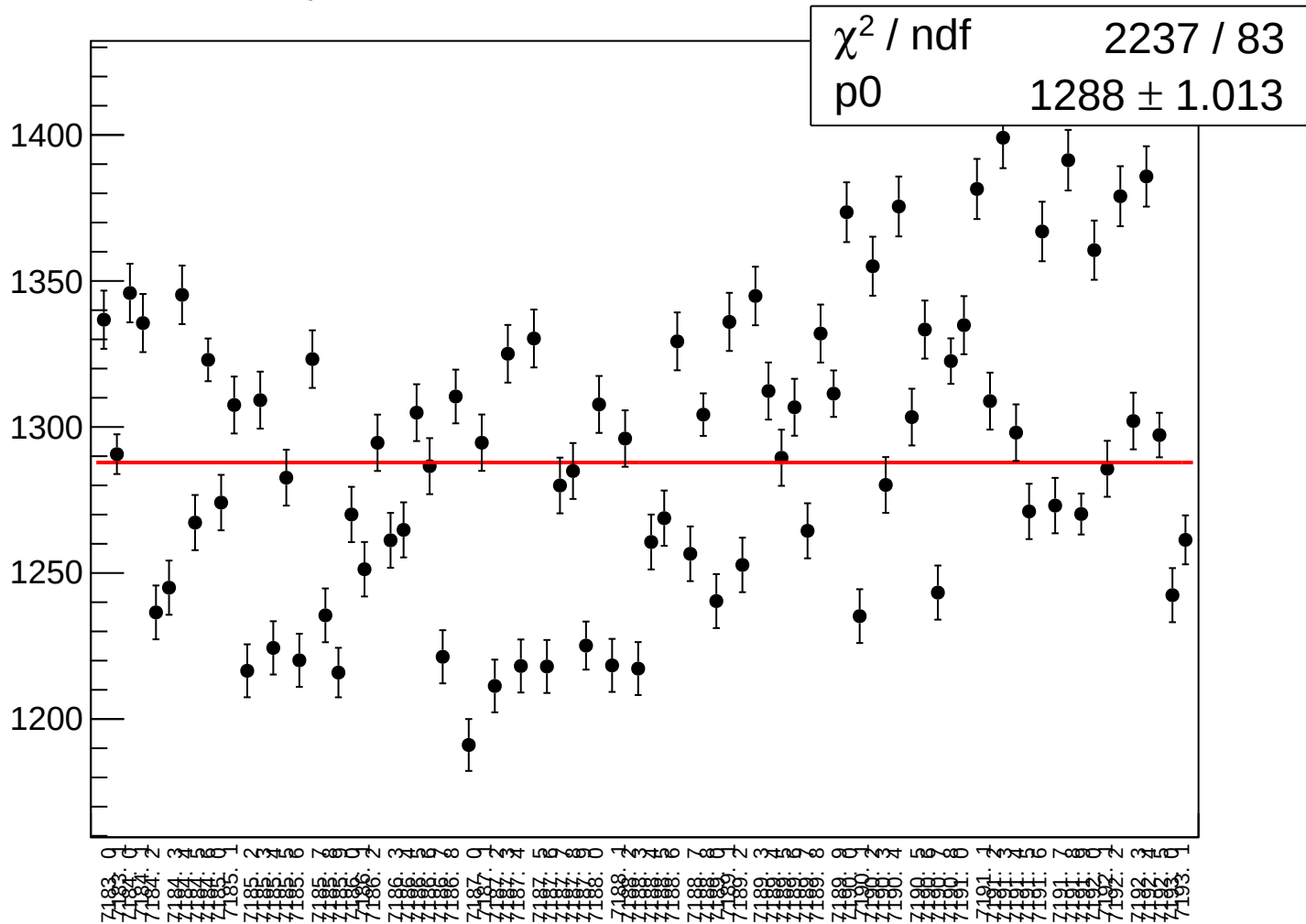
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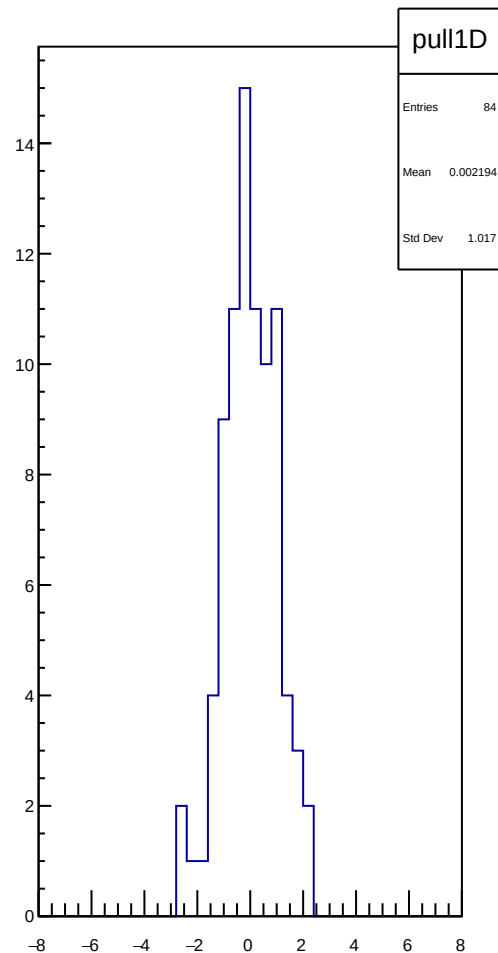
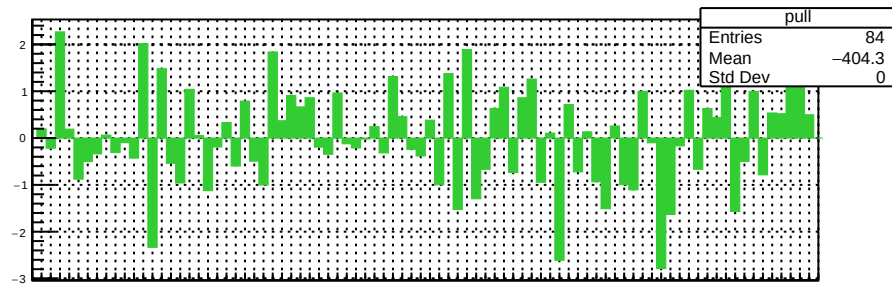
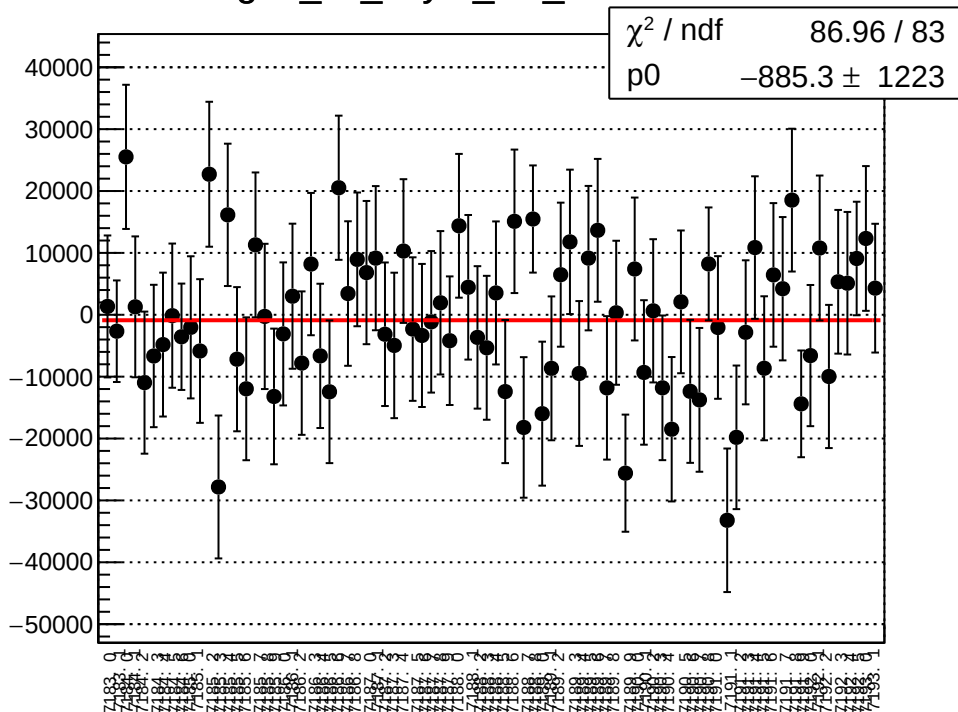
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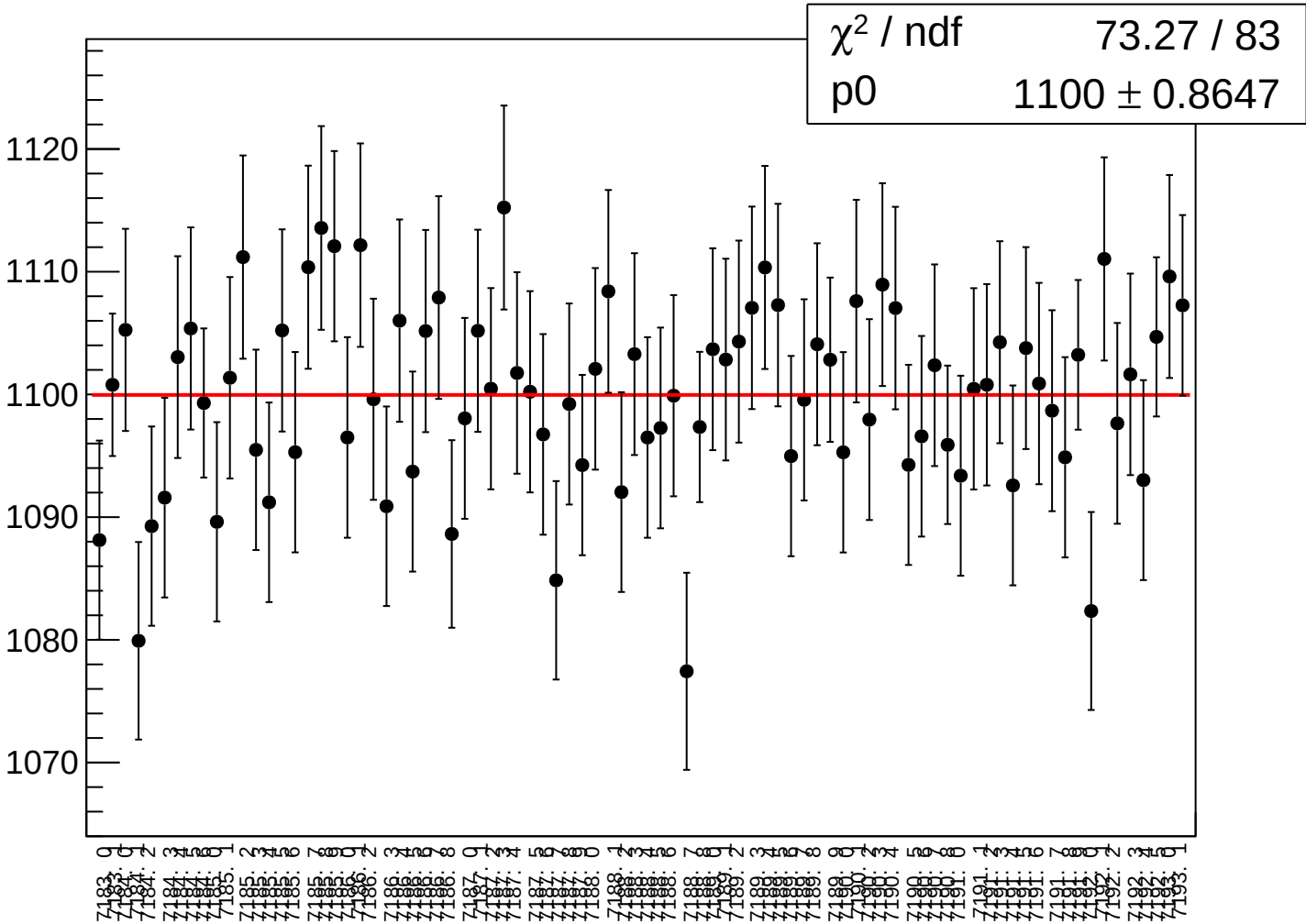
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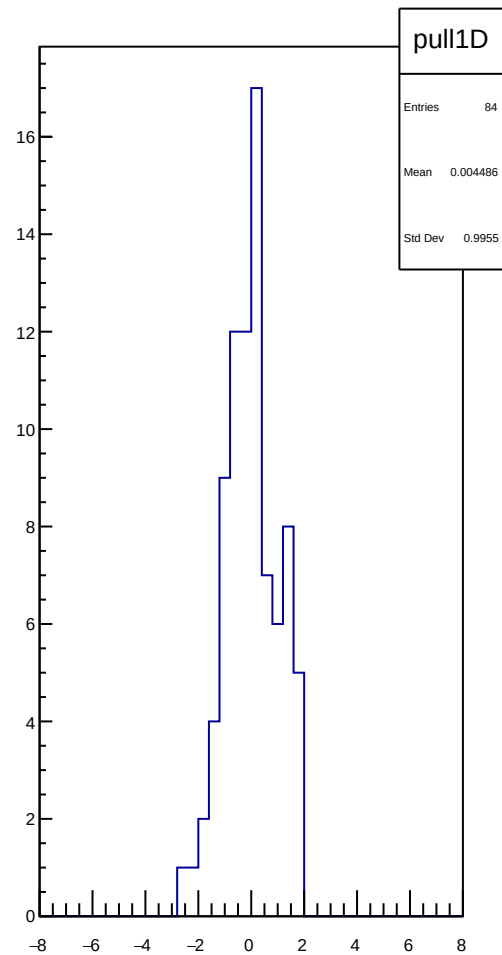
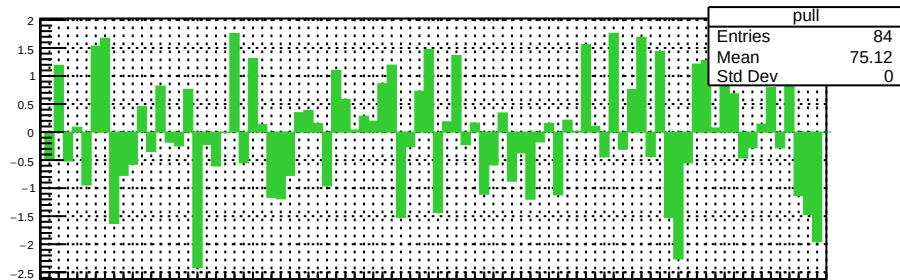
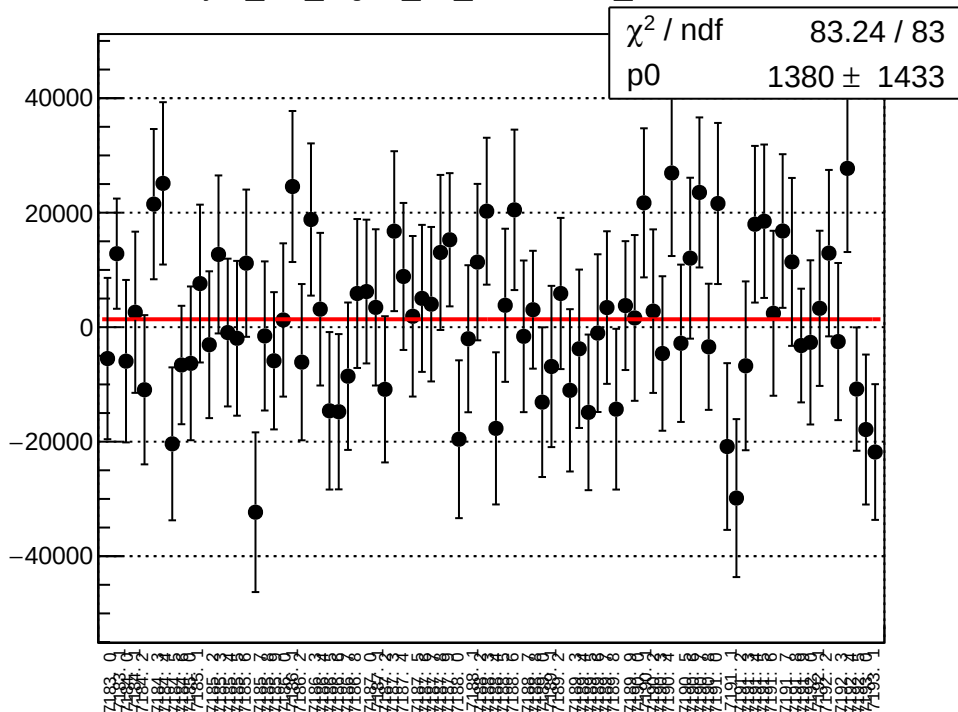
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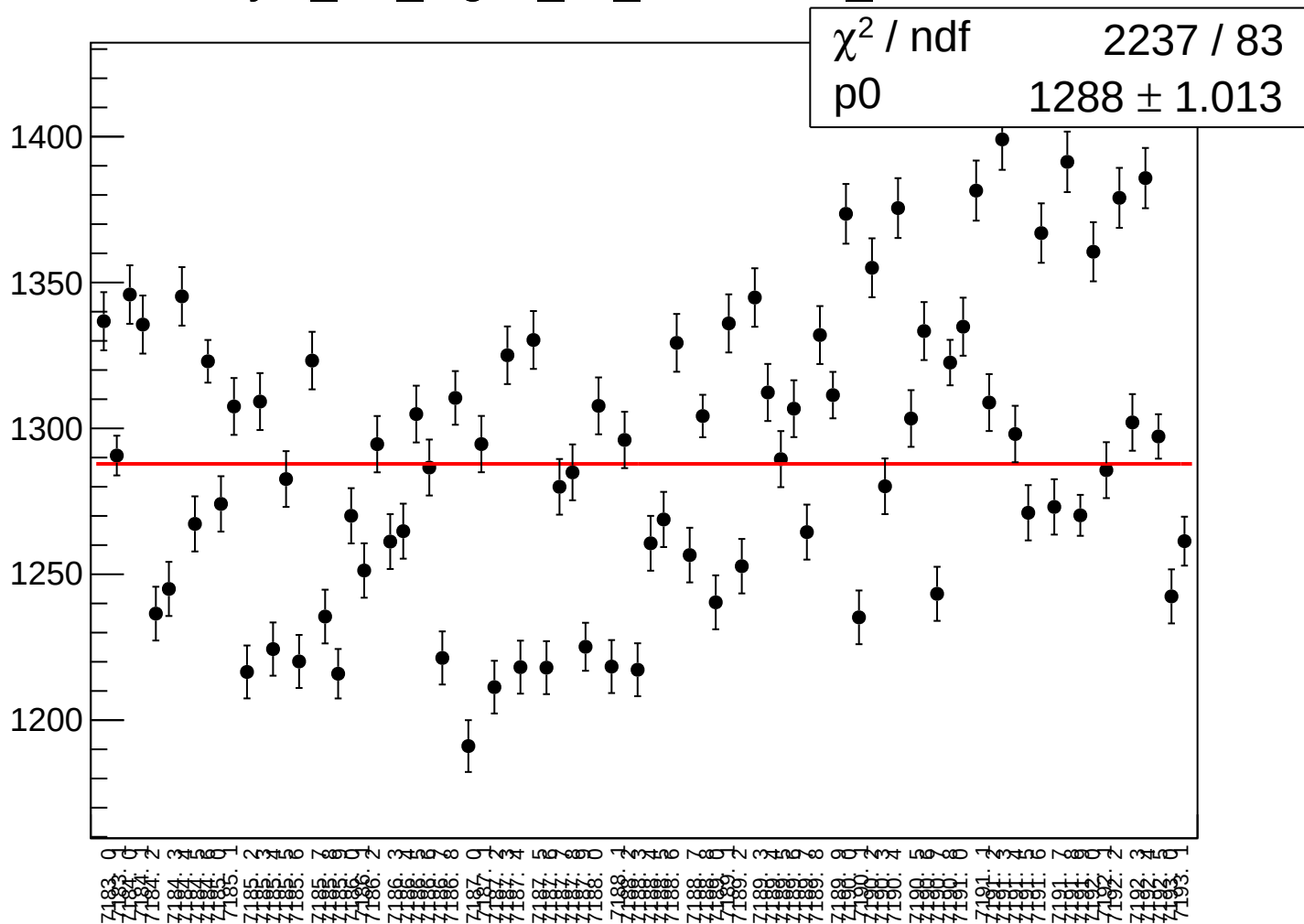
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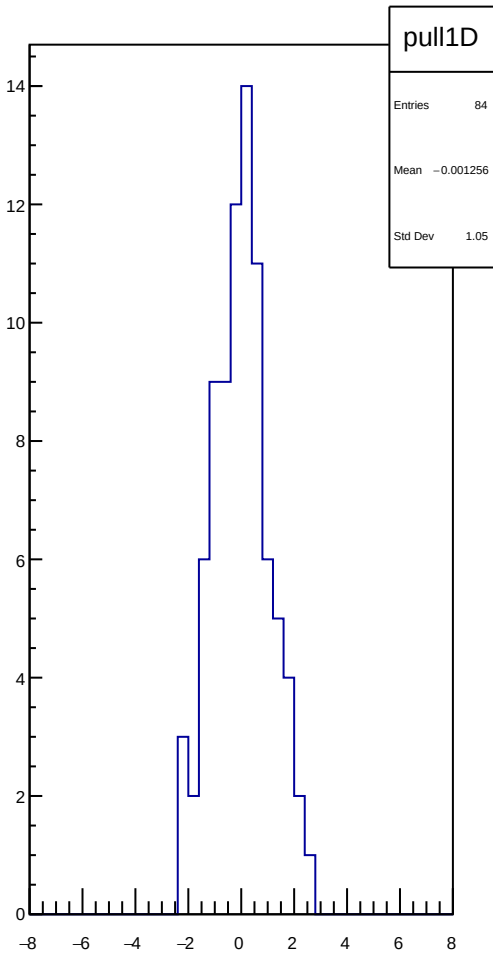
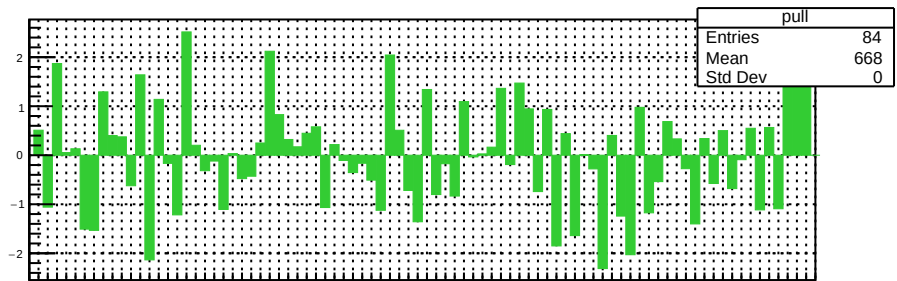
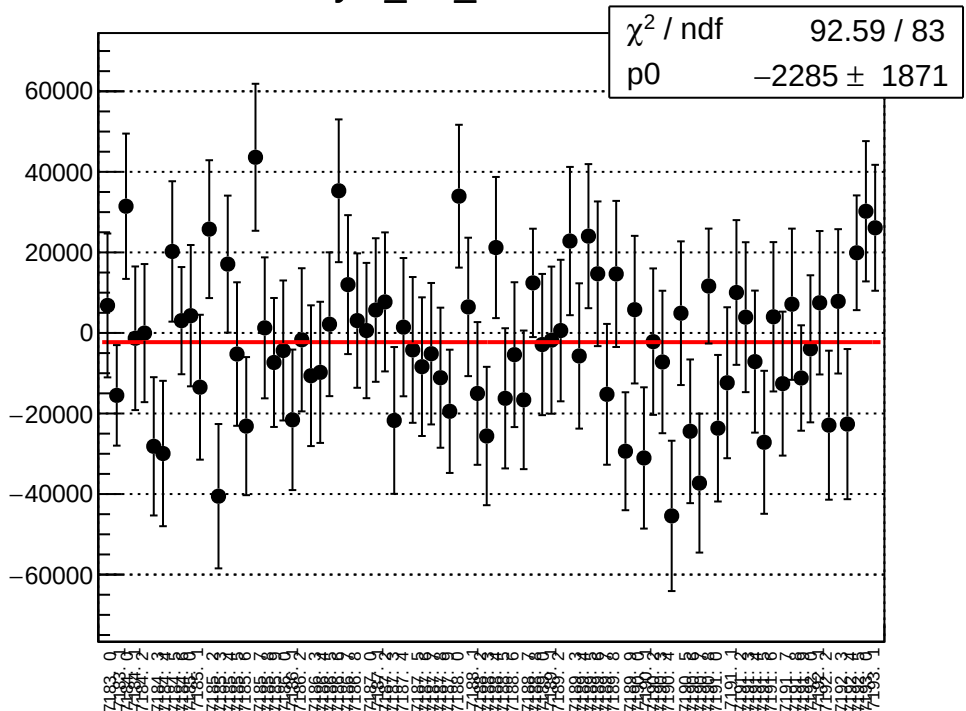
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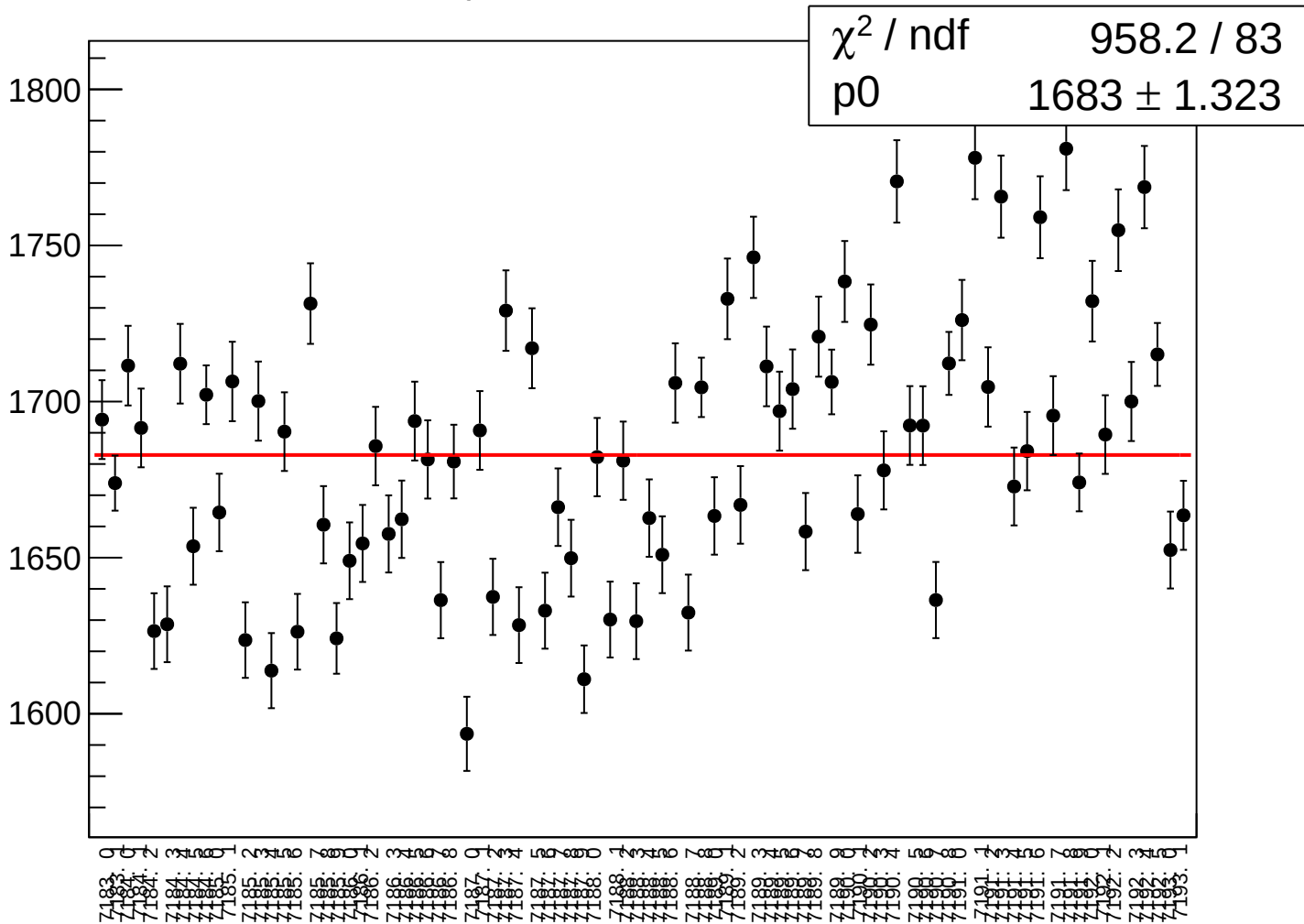
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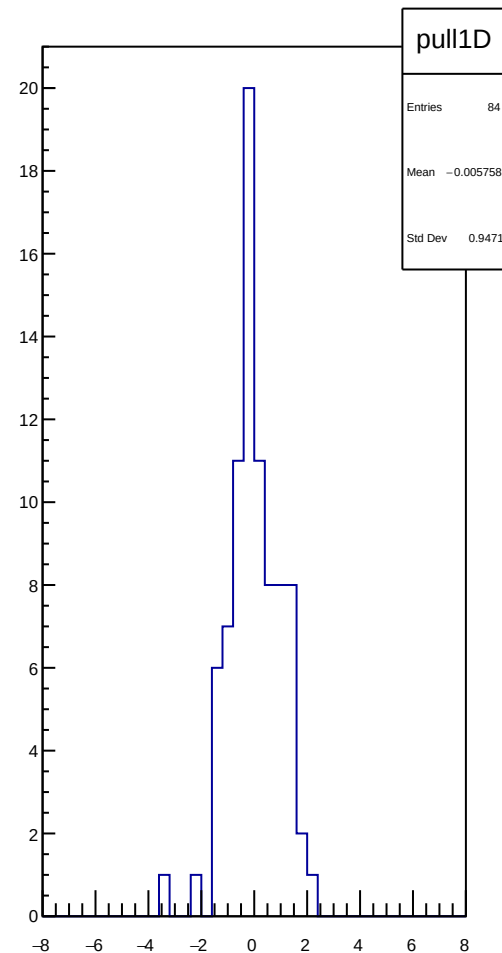
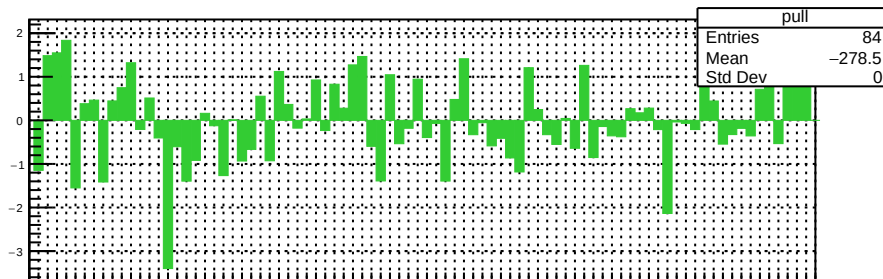
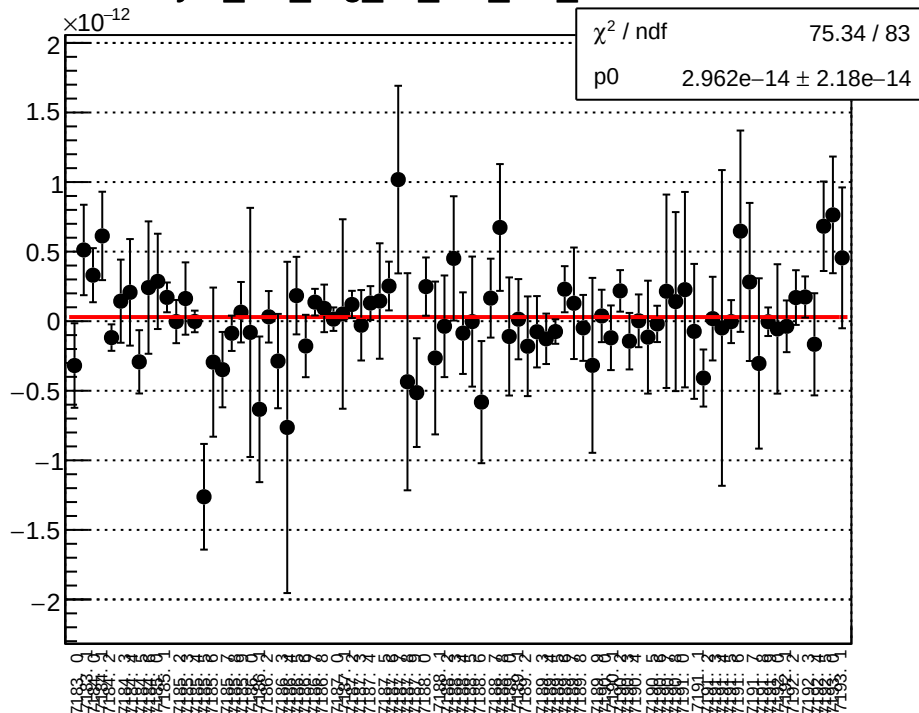
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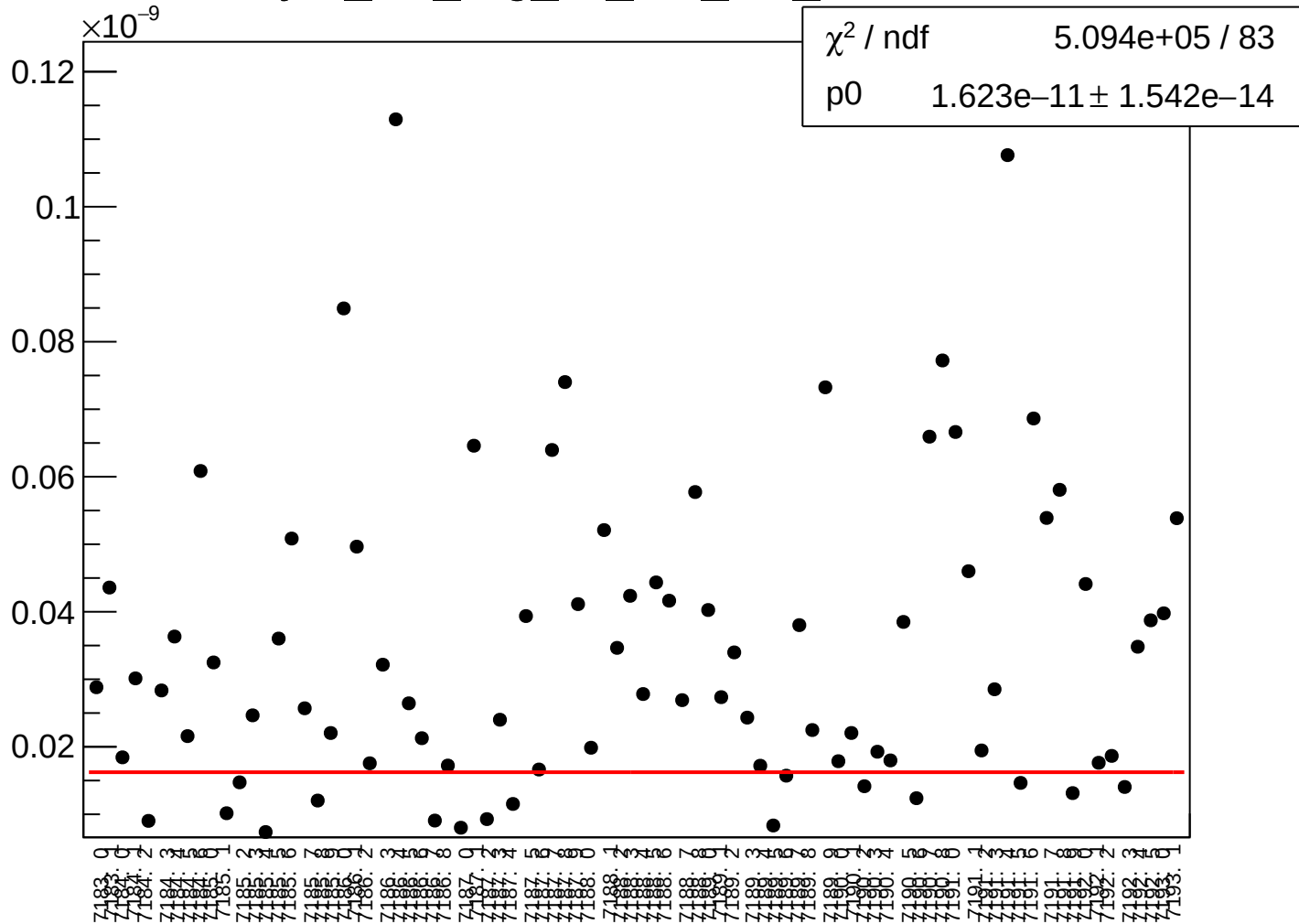
asym_usl_rms vs run



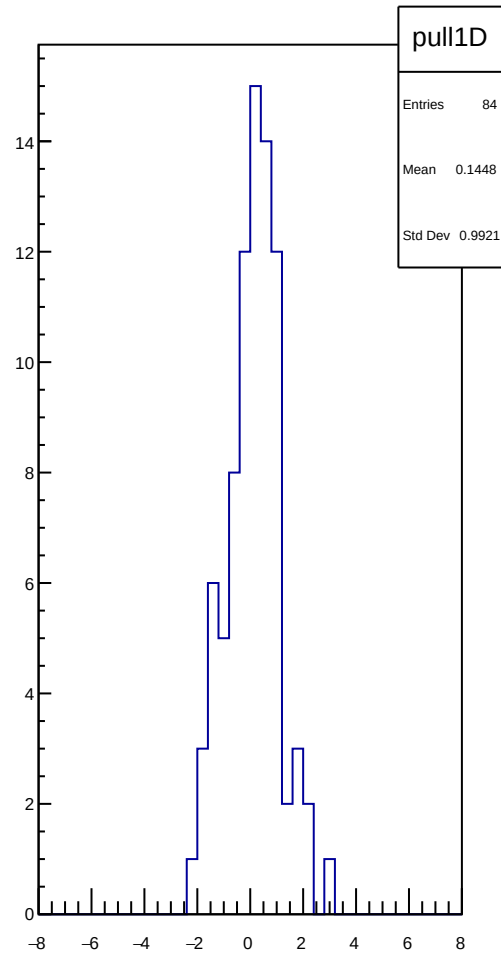
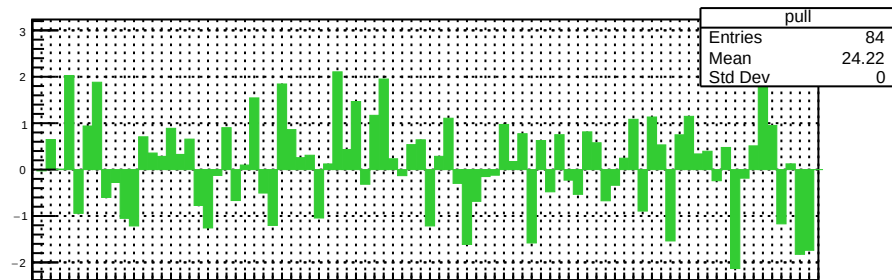
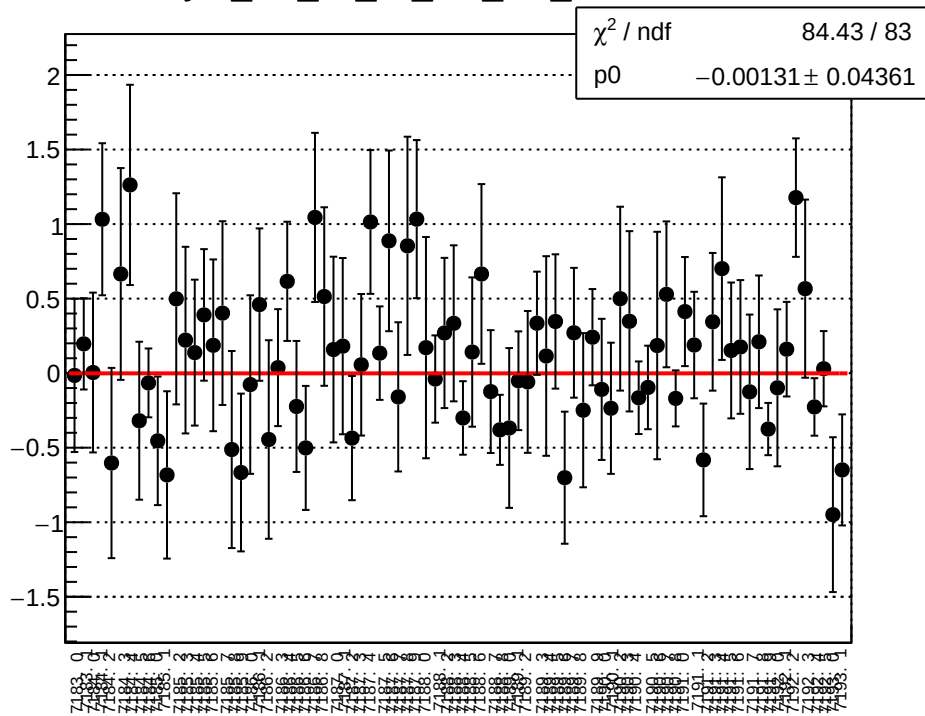
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asym_usl_reg_vs_cor_diff_rms vs run

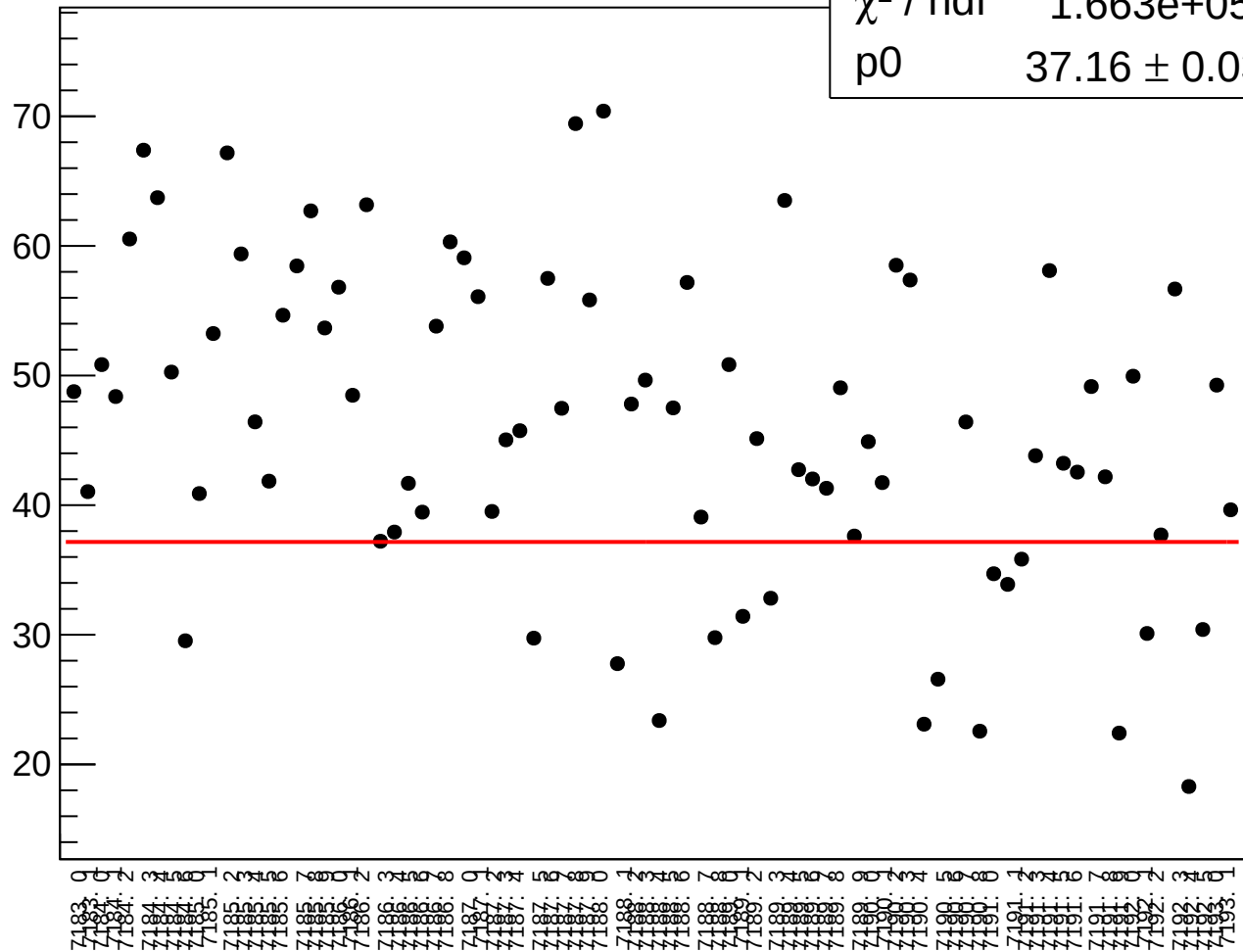


asym_usl_dit_vs_cor_diff_mean vs run

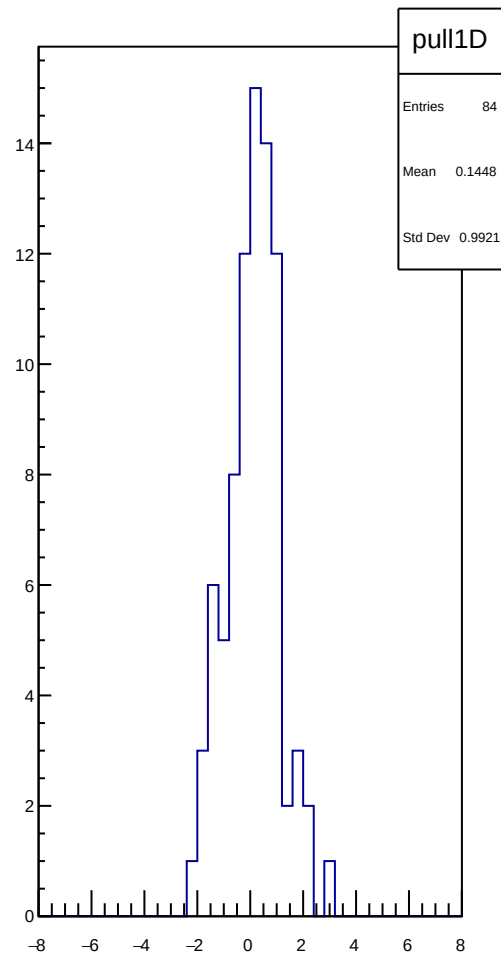
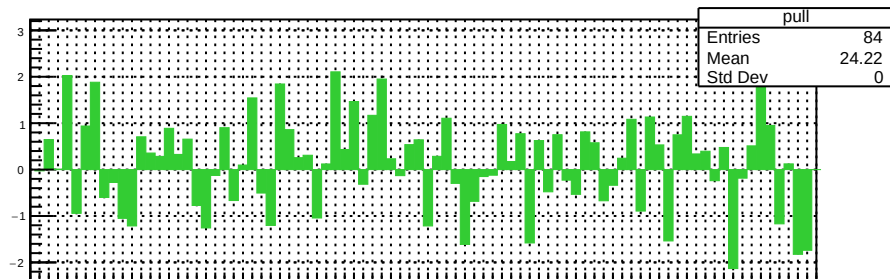
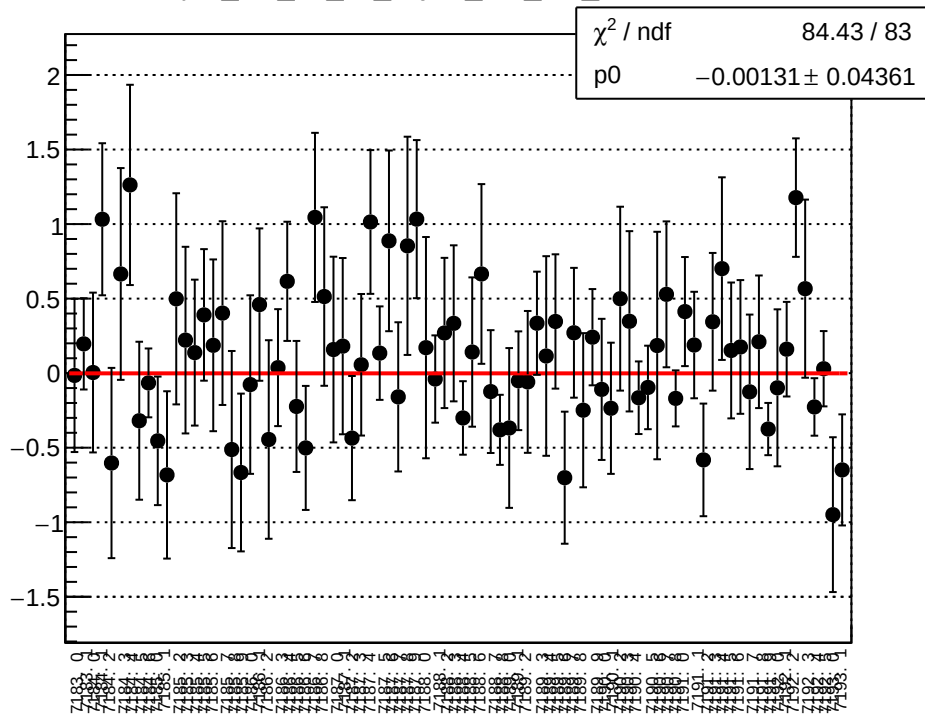


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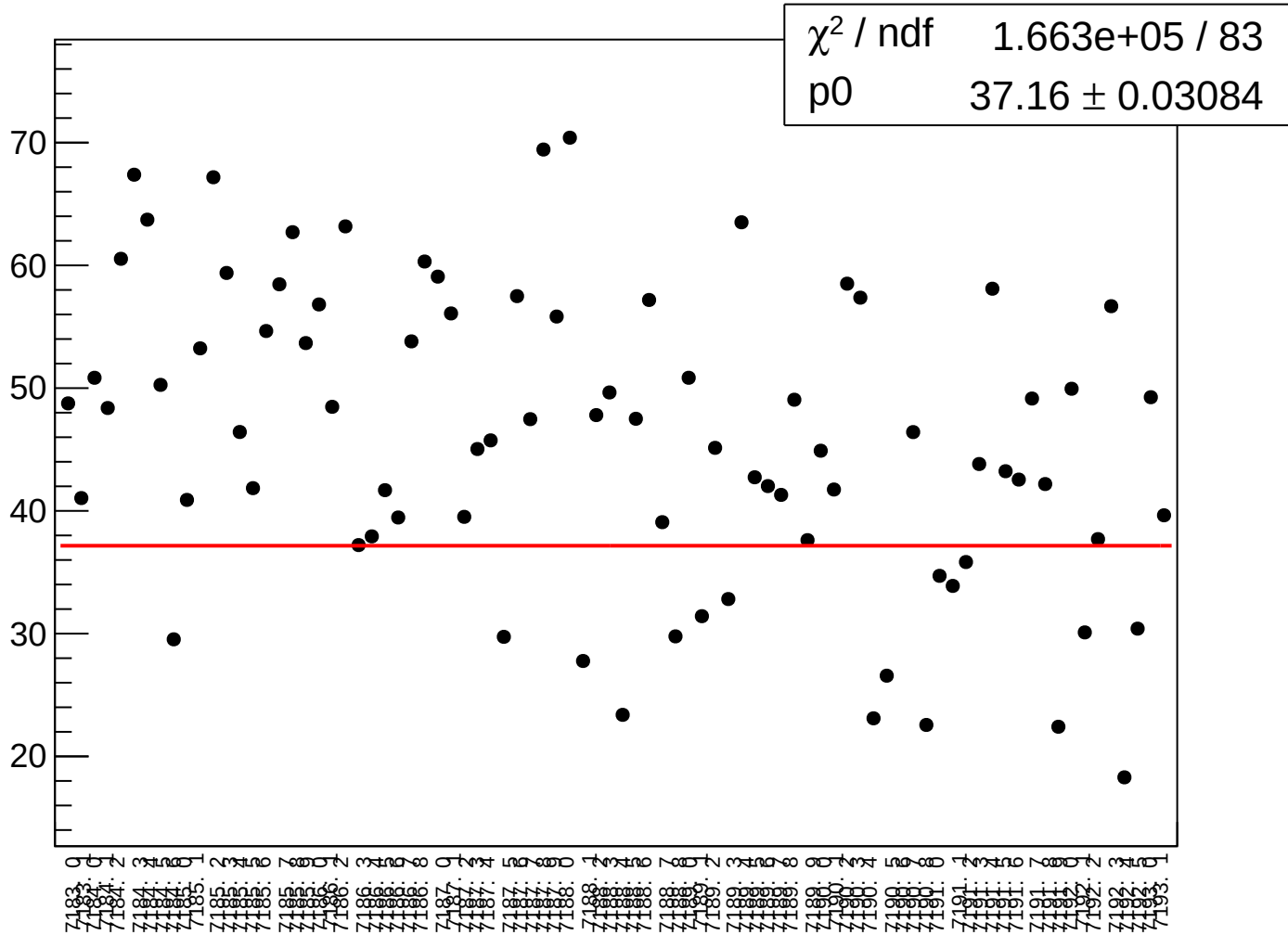
χ^2 / ndf 1.663e+05 / 83
p0 37.16 $\pm$ 0.03084



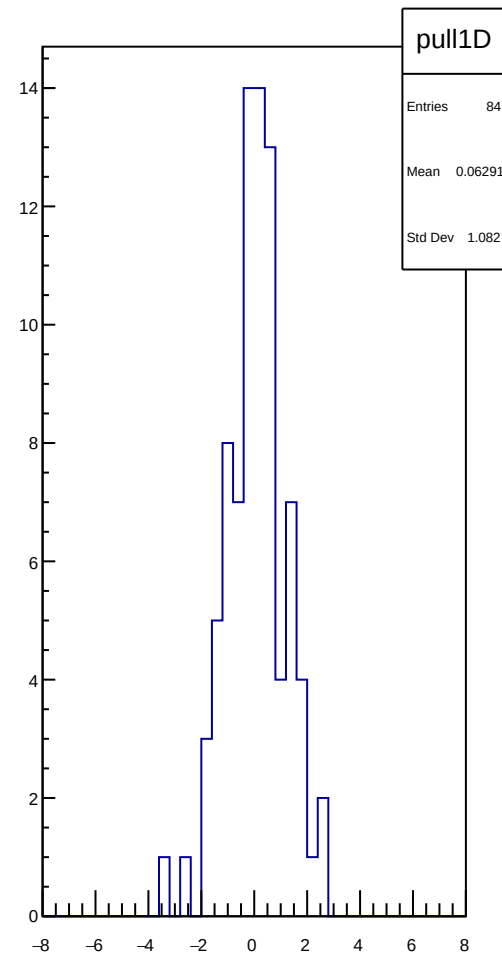
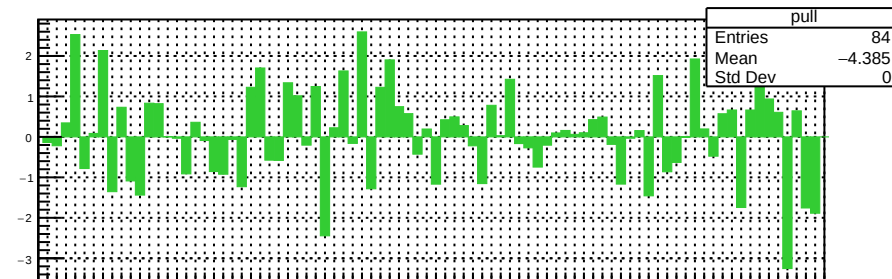
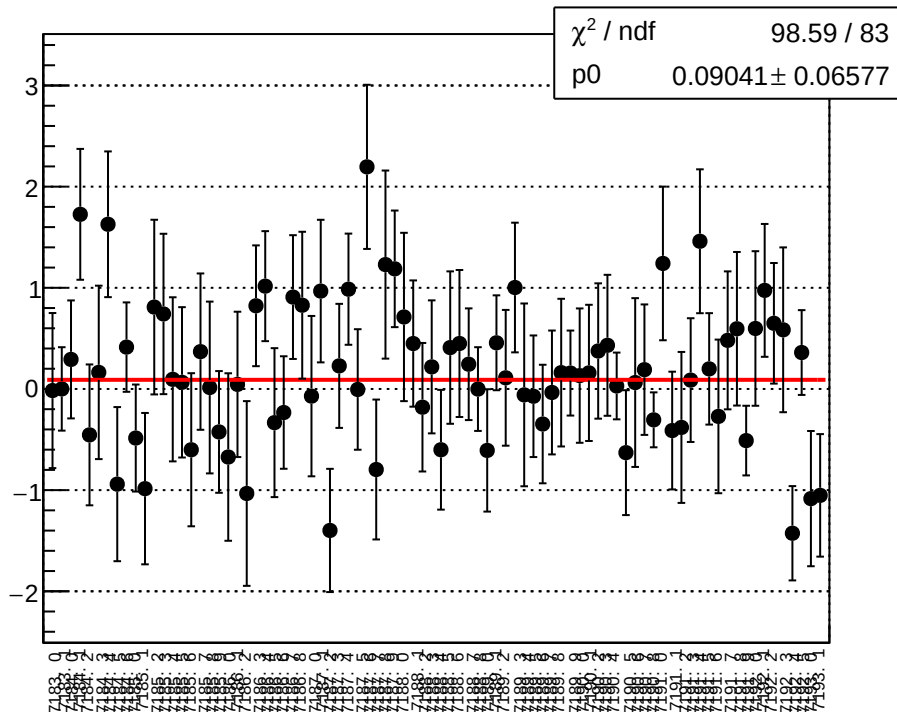
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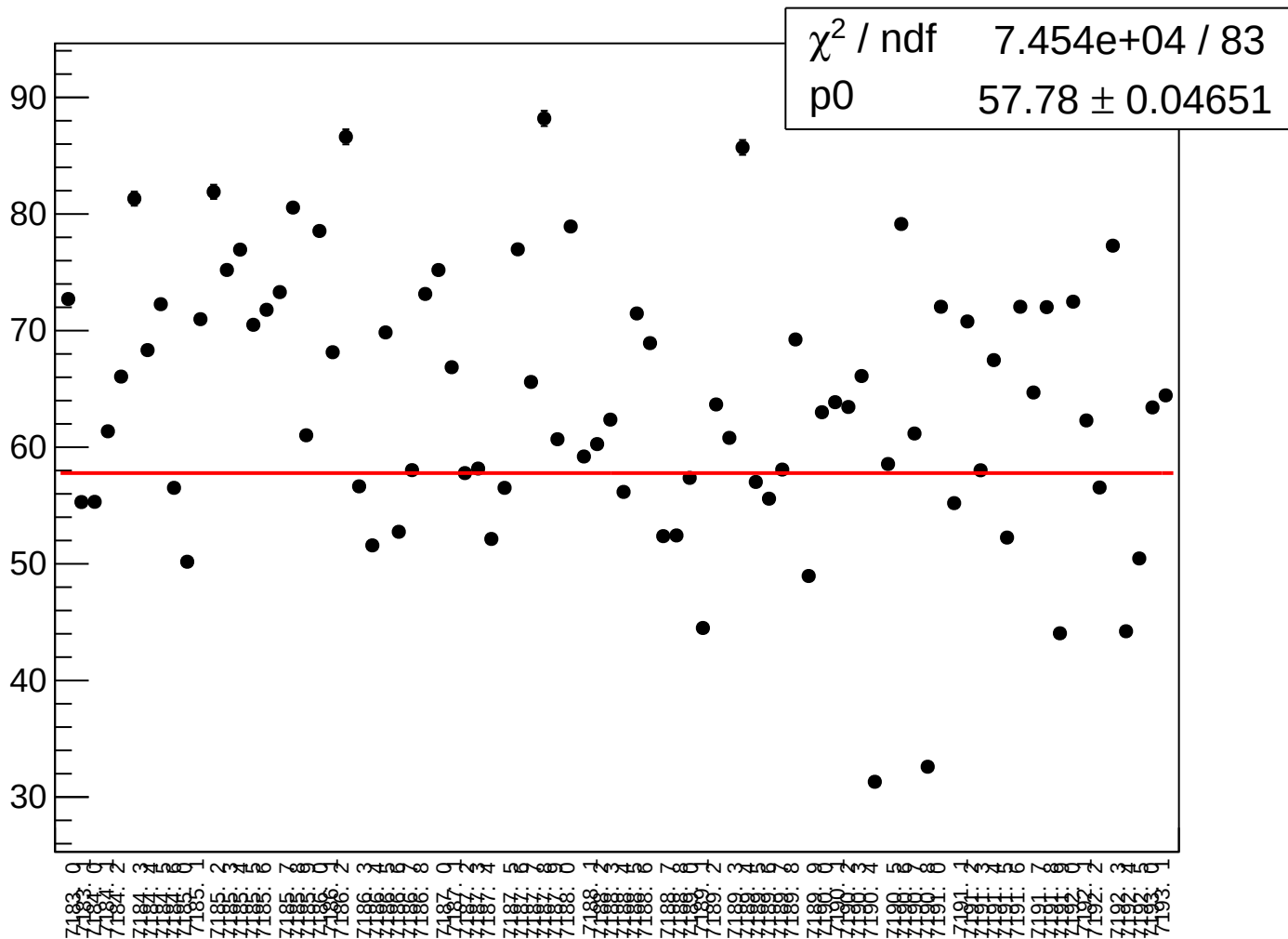
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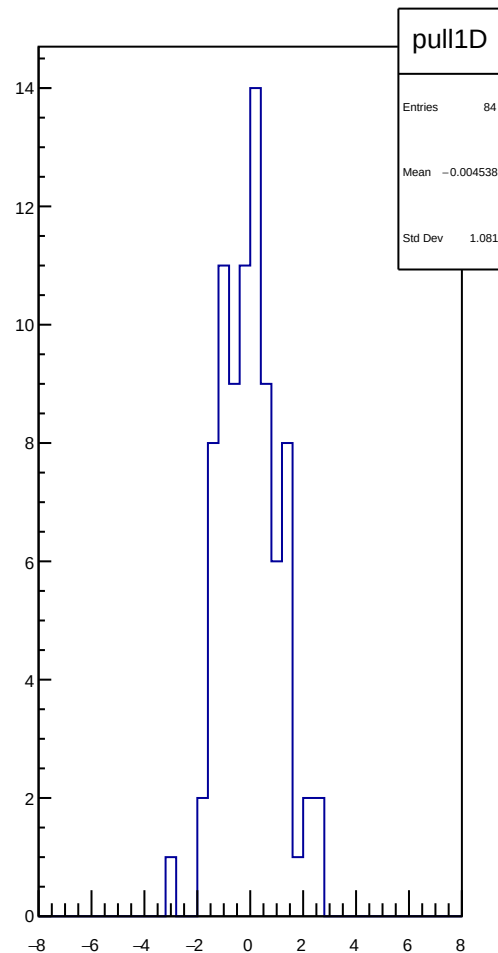
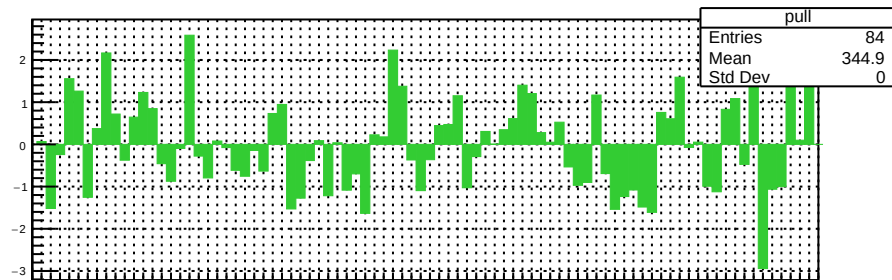
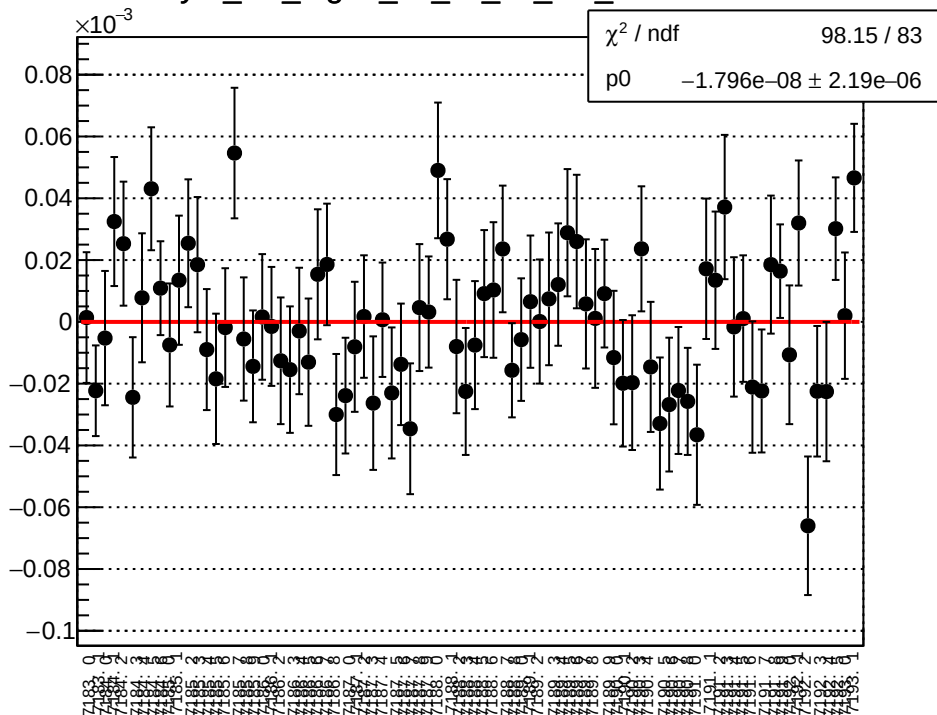
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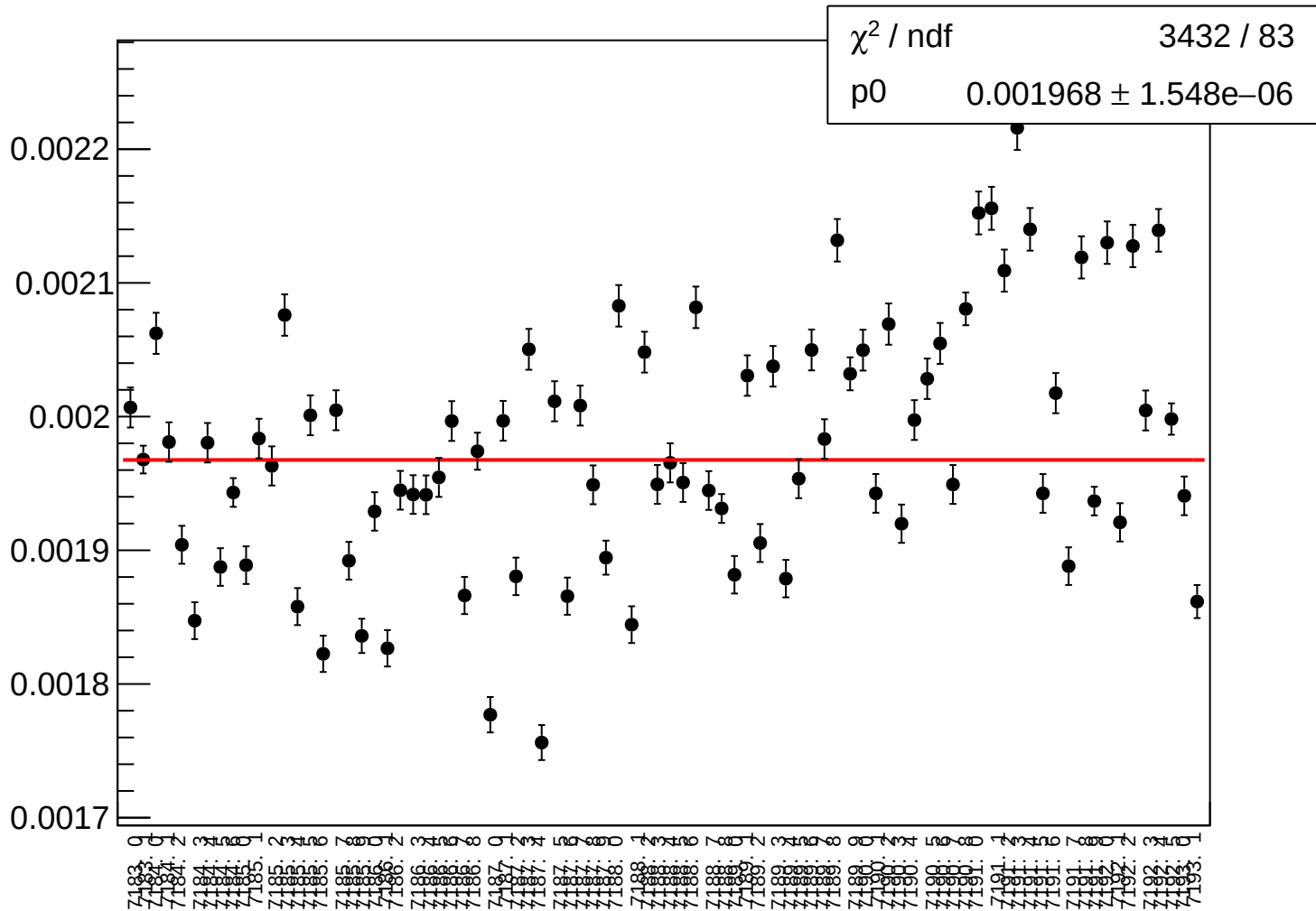
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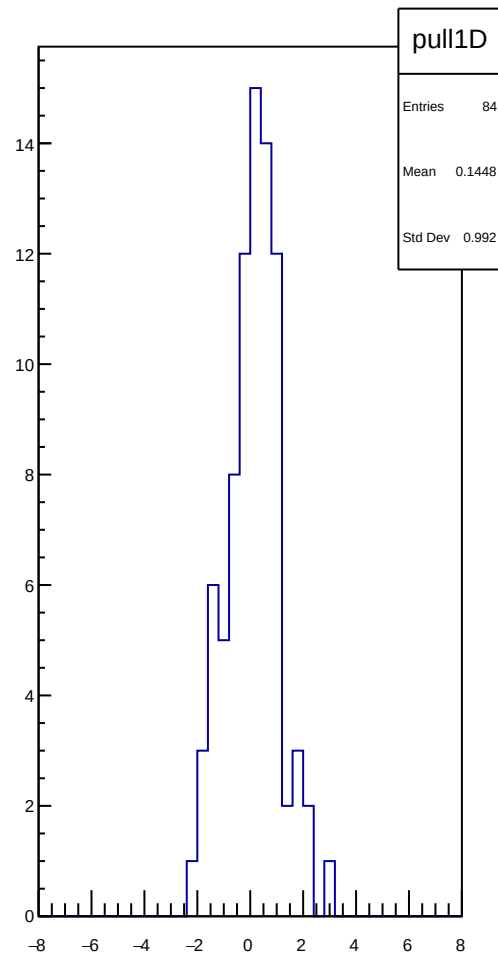
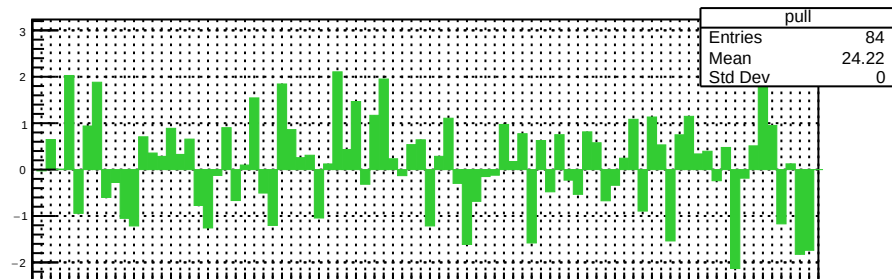
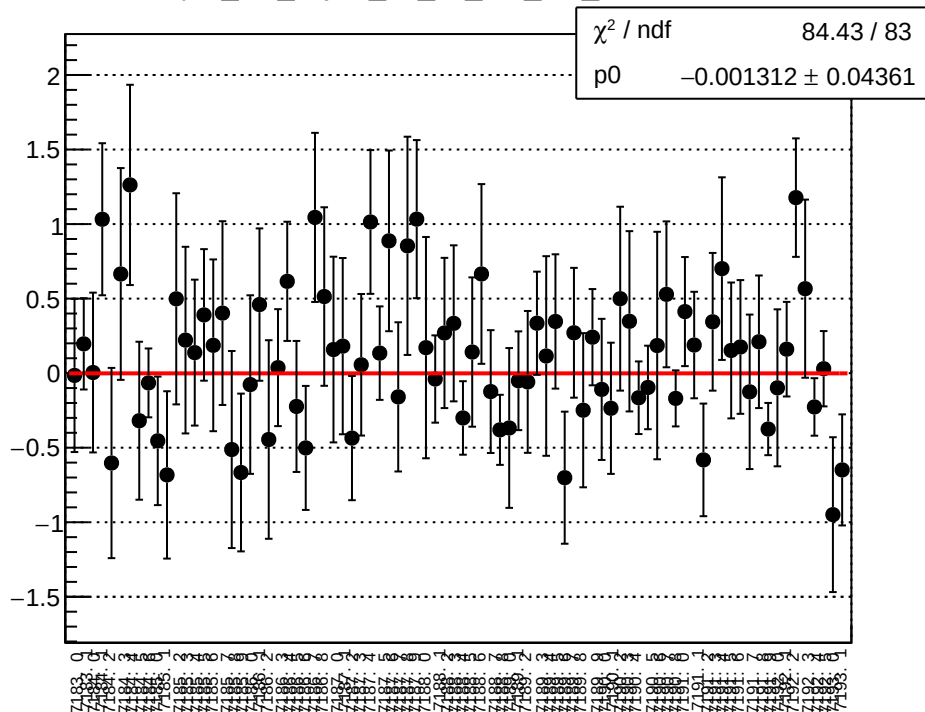
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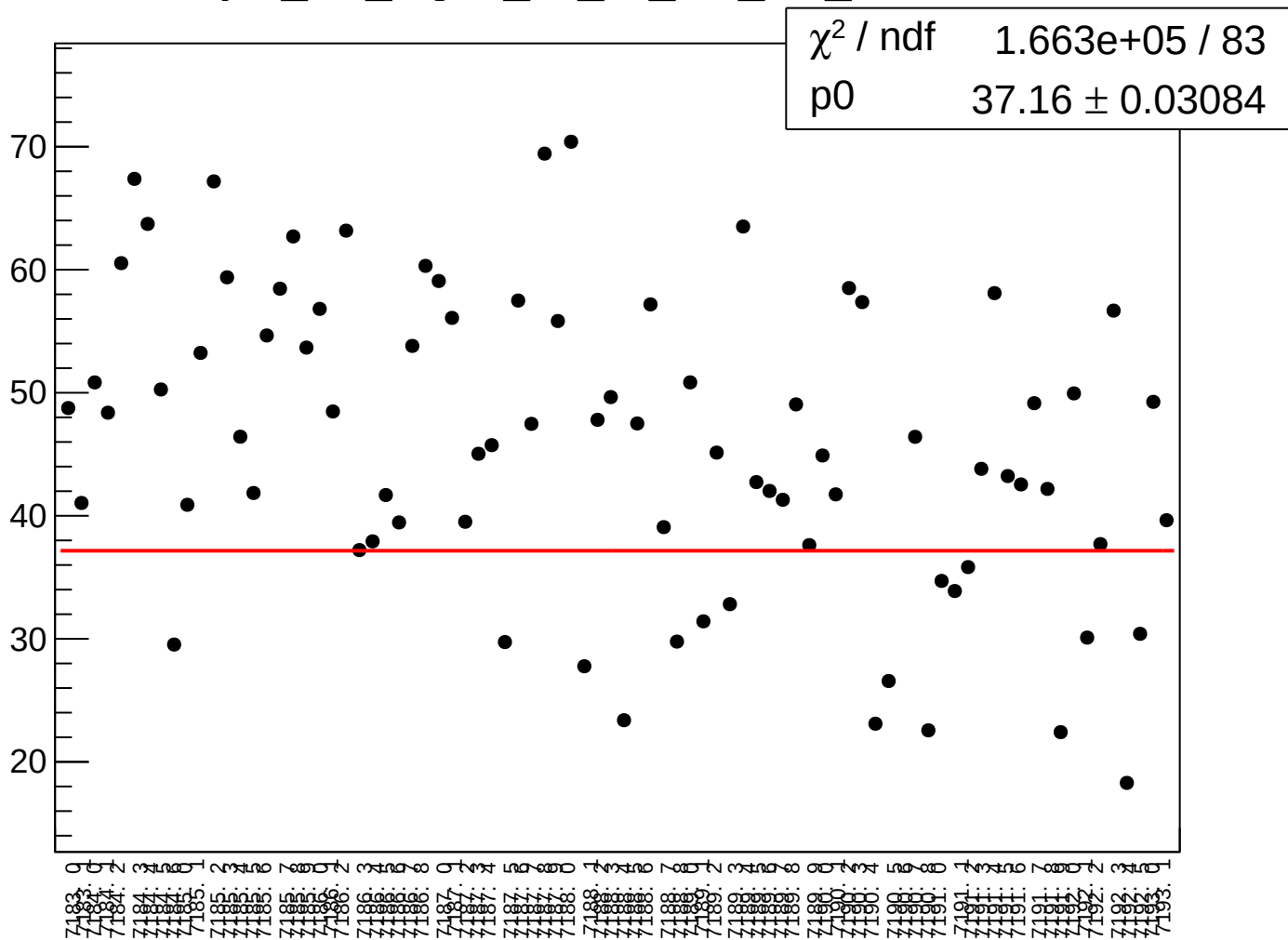
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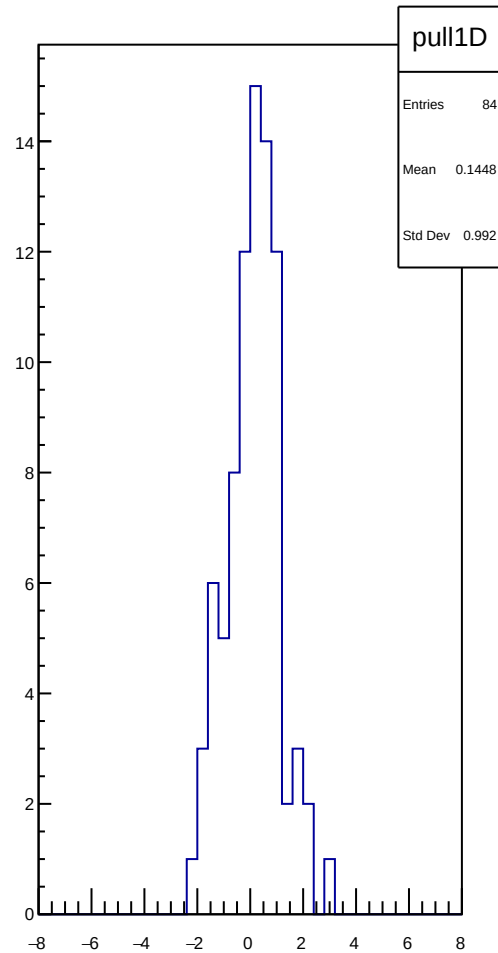
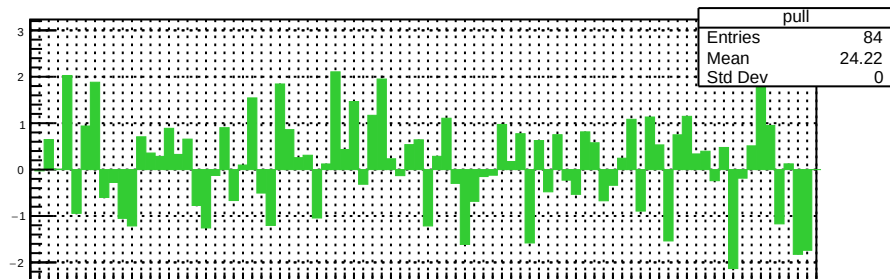
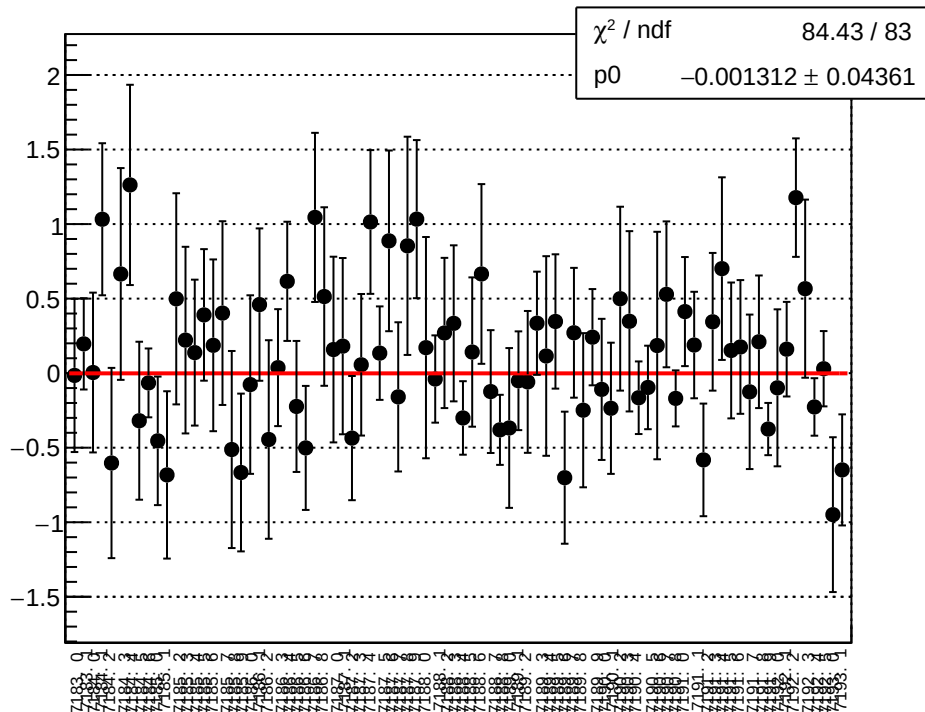
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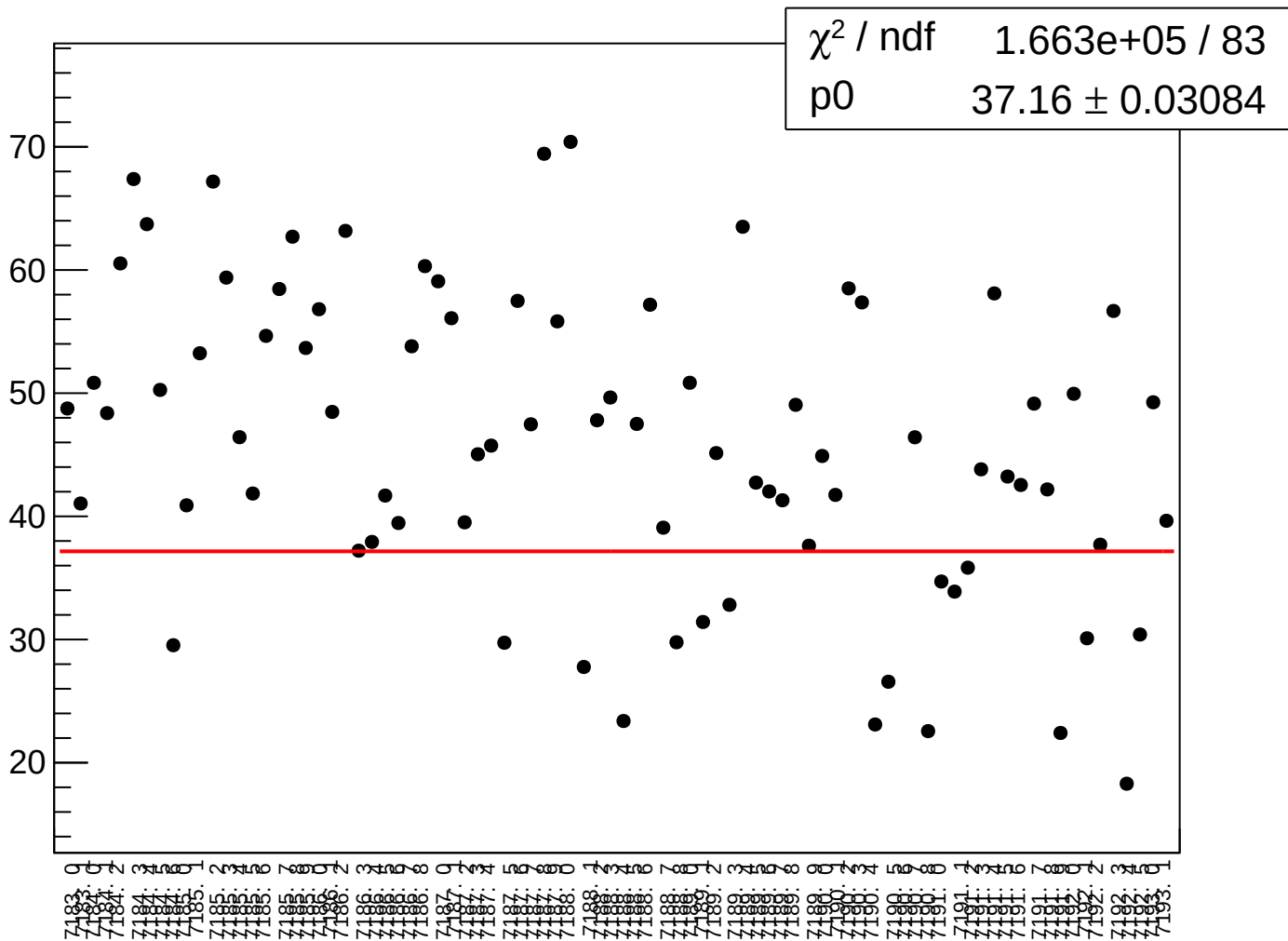
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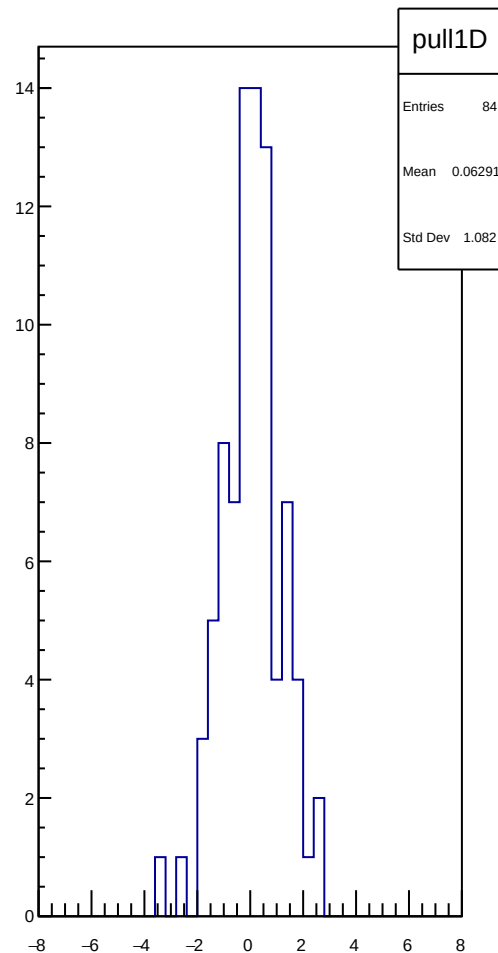
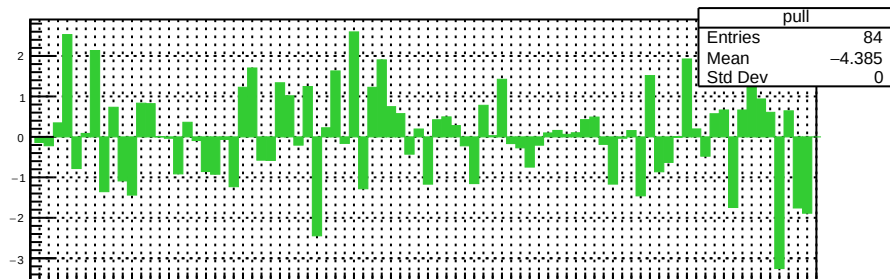
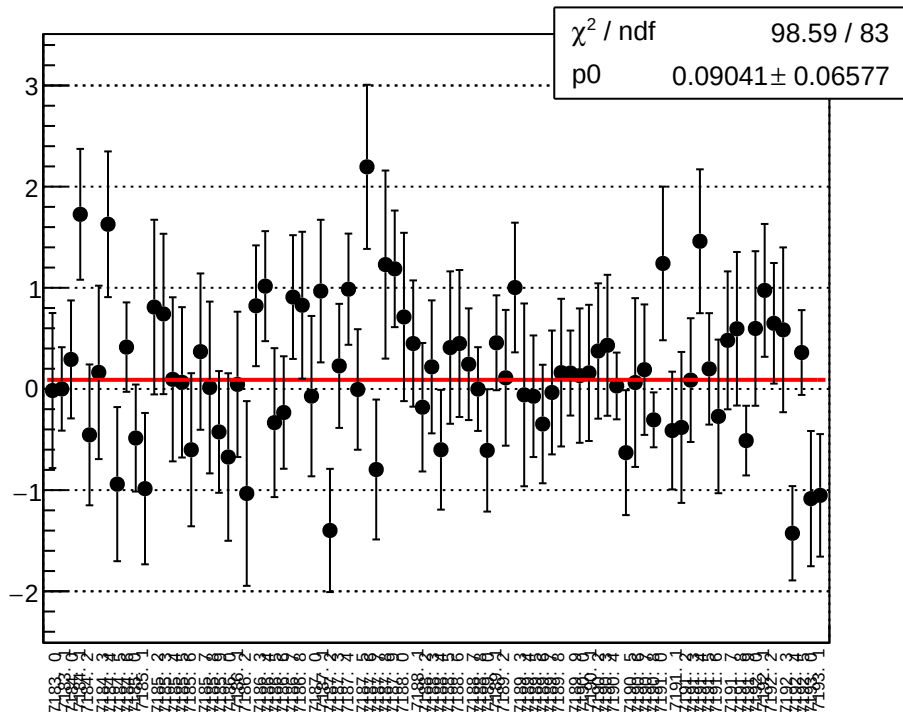
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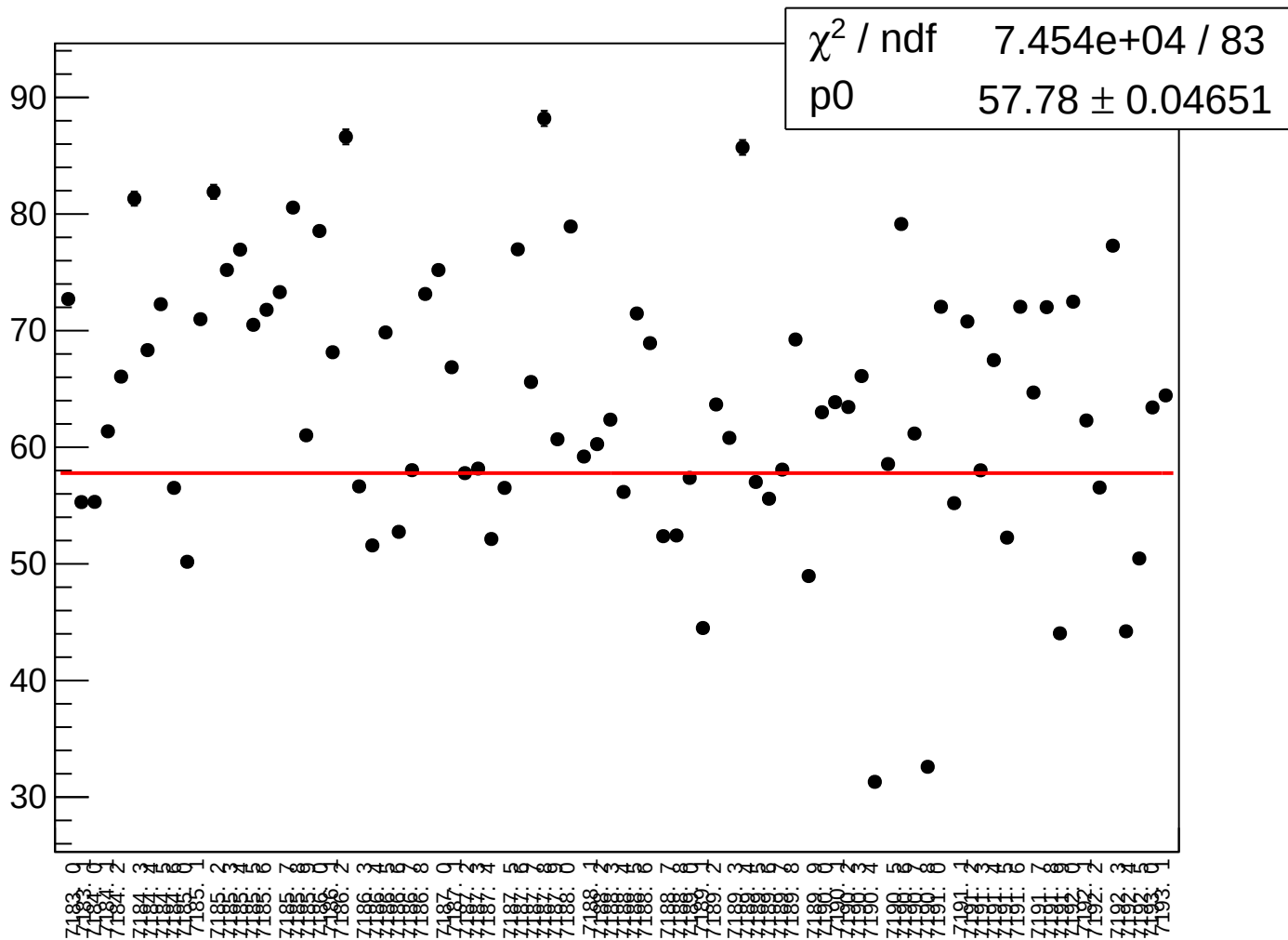
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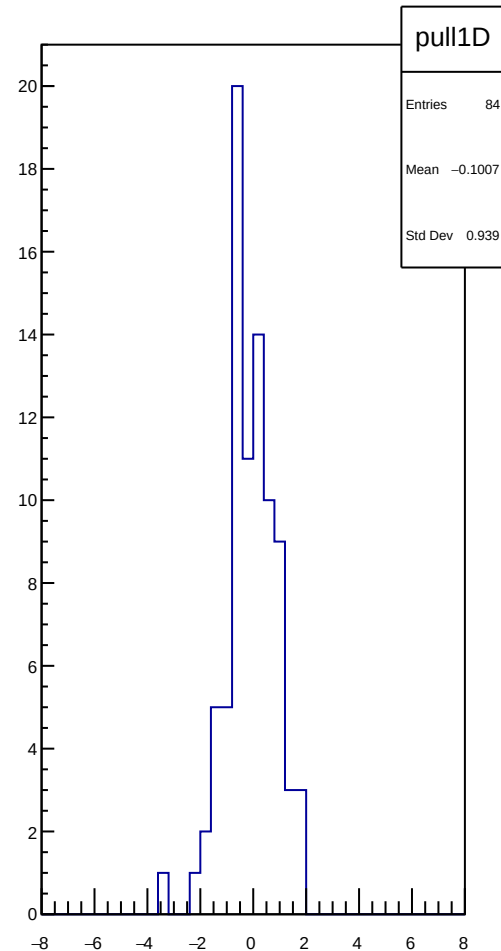
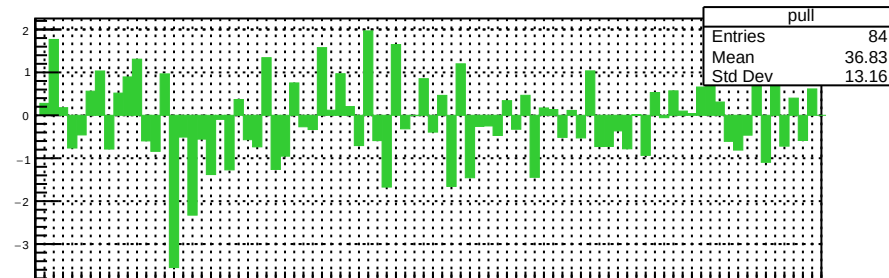
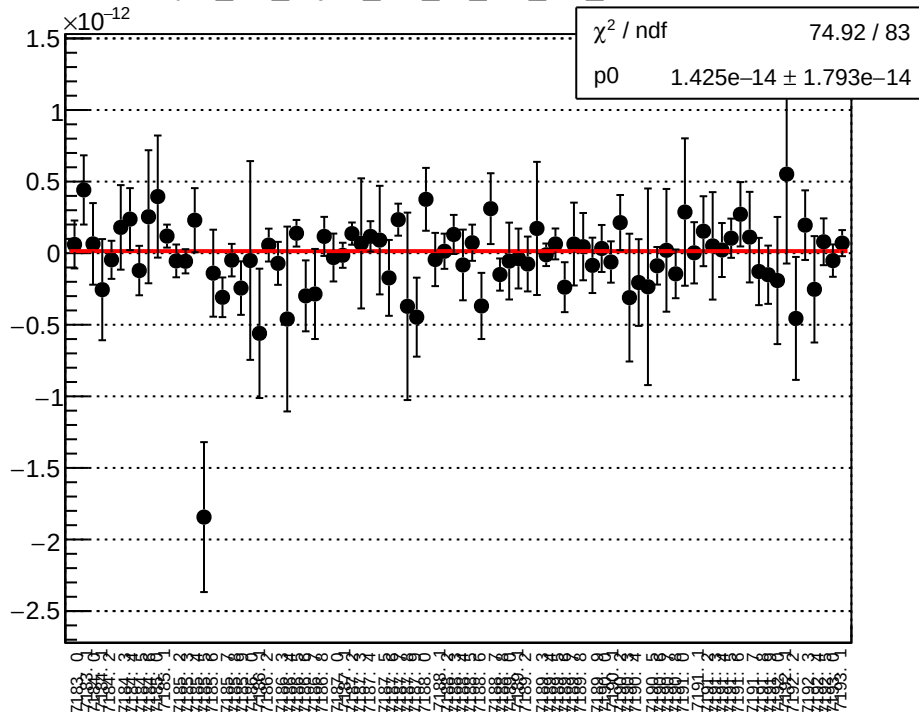
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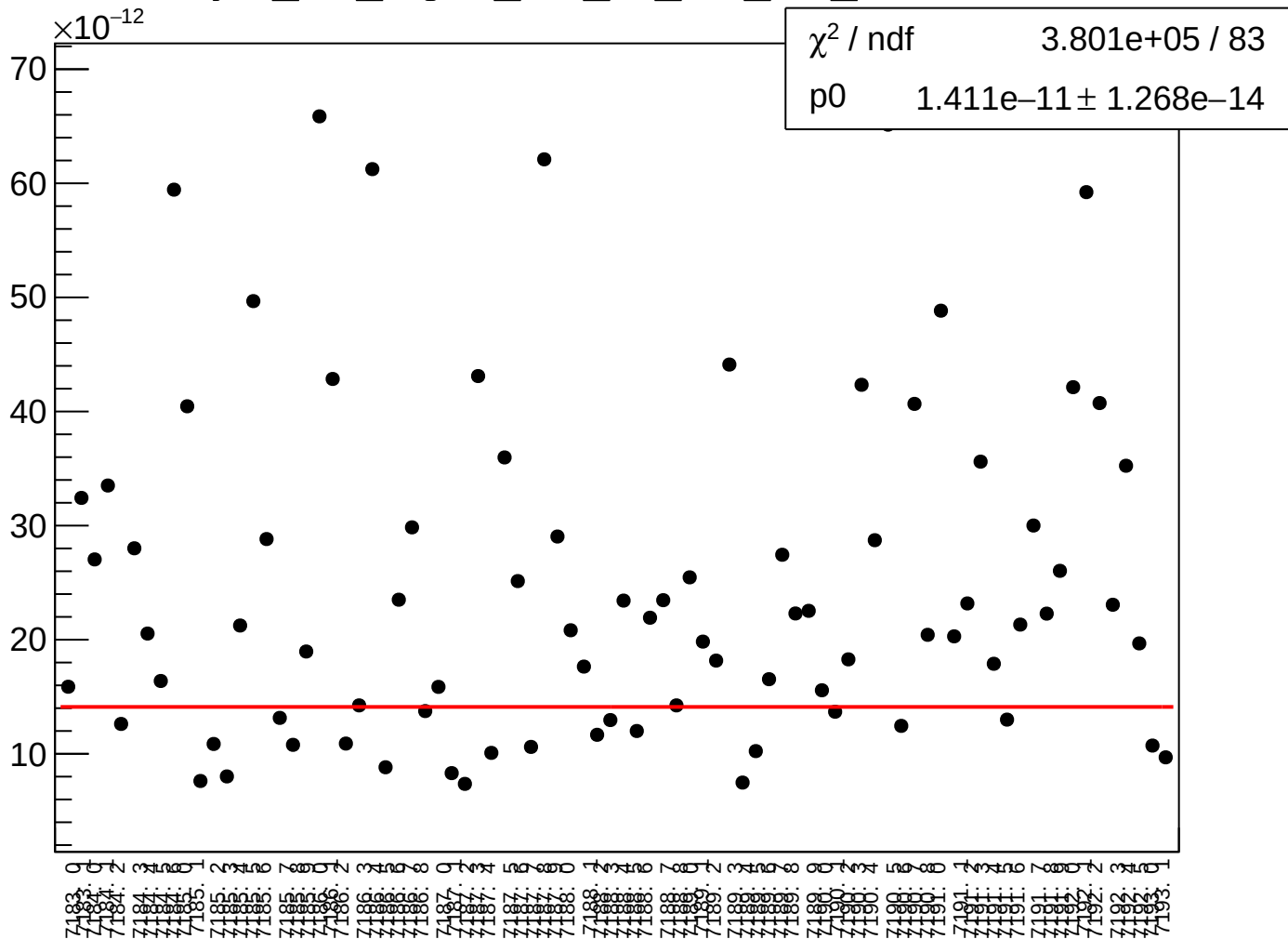
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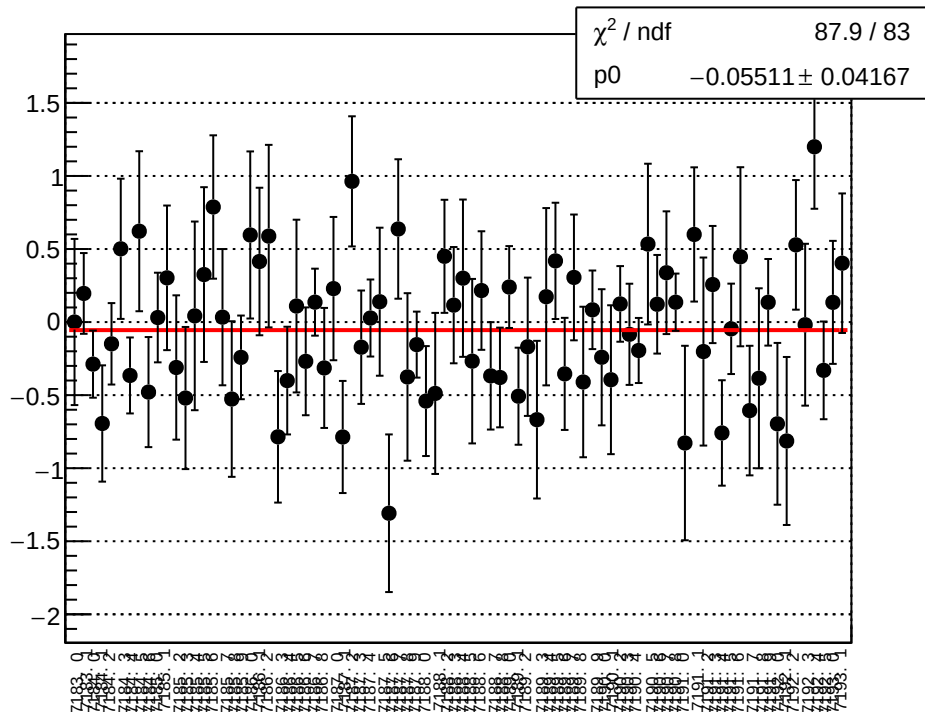
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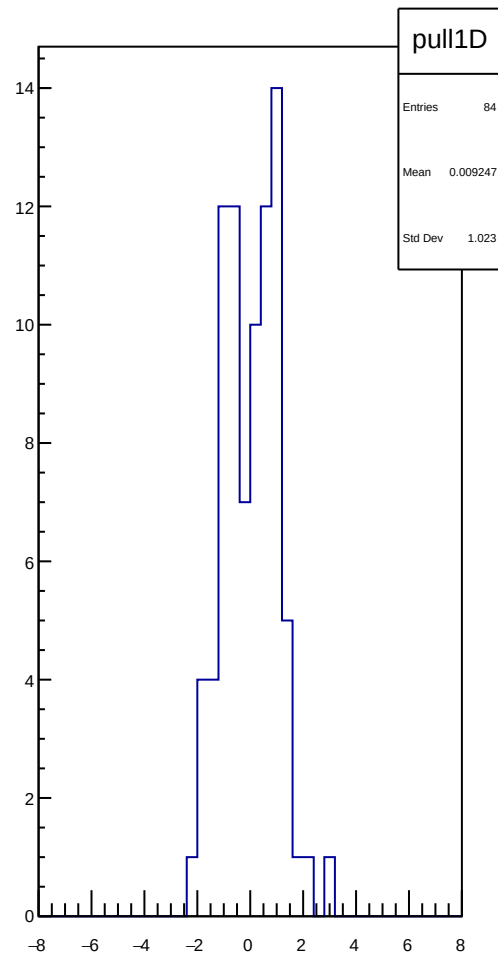
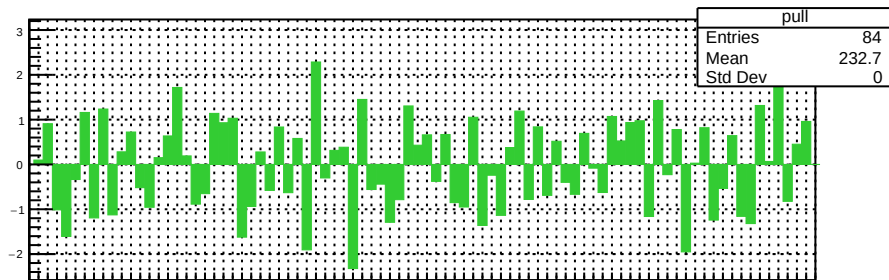
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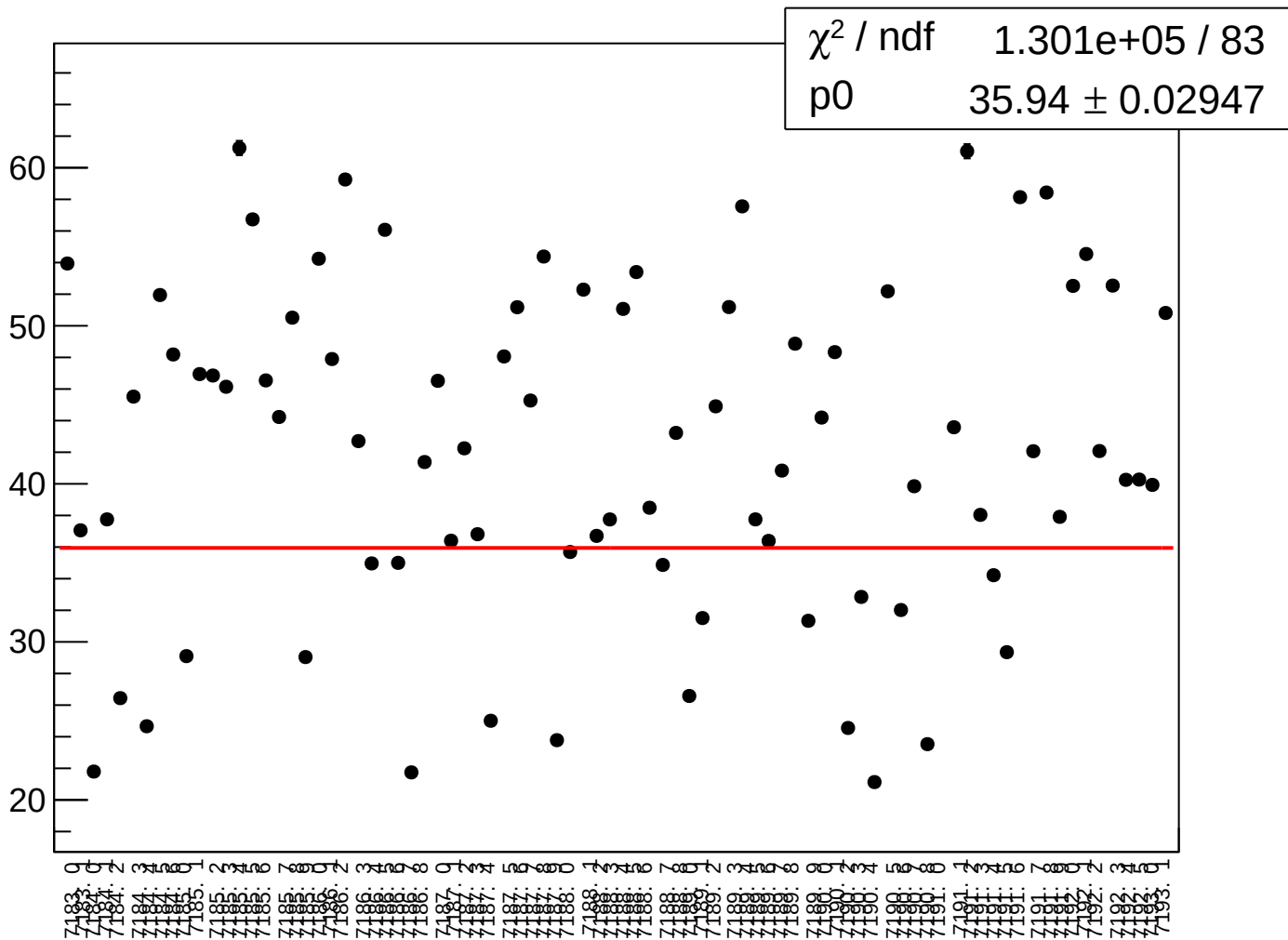
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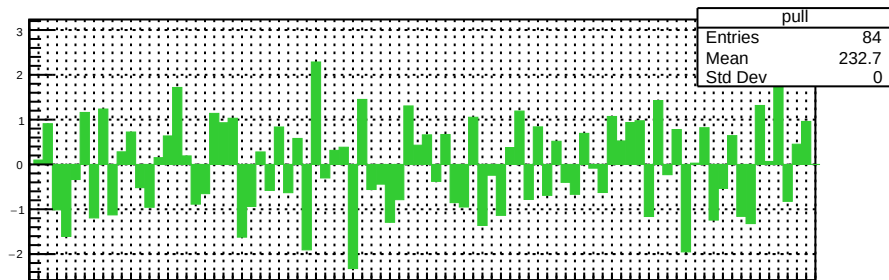
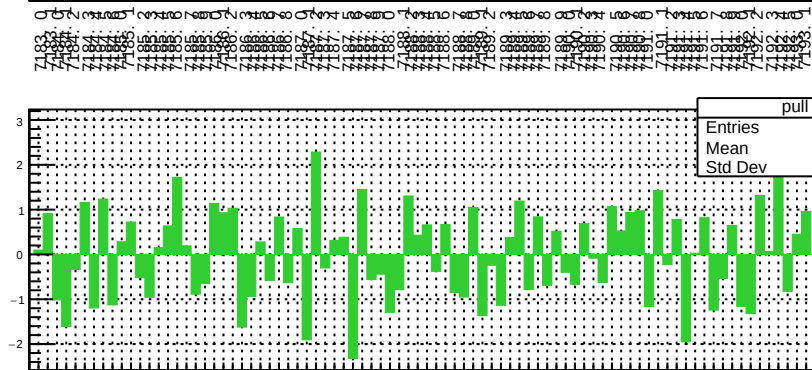
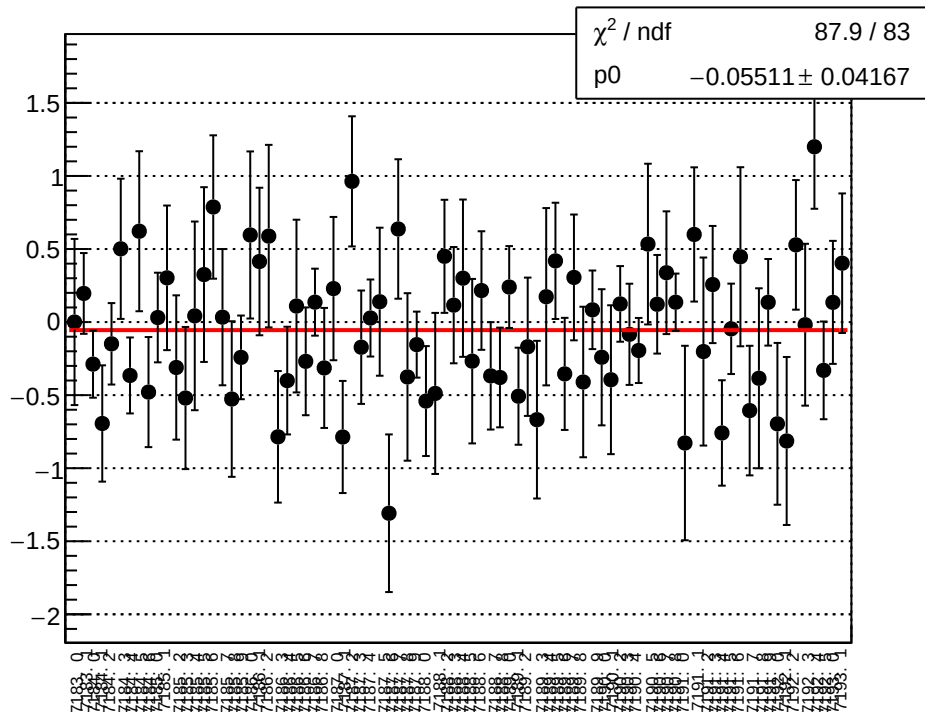
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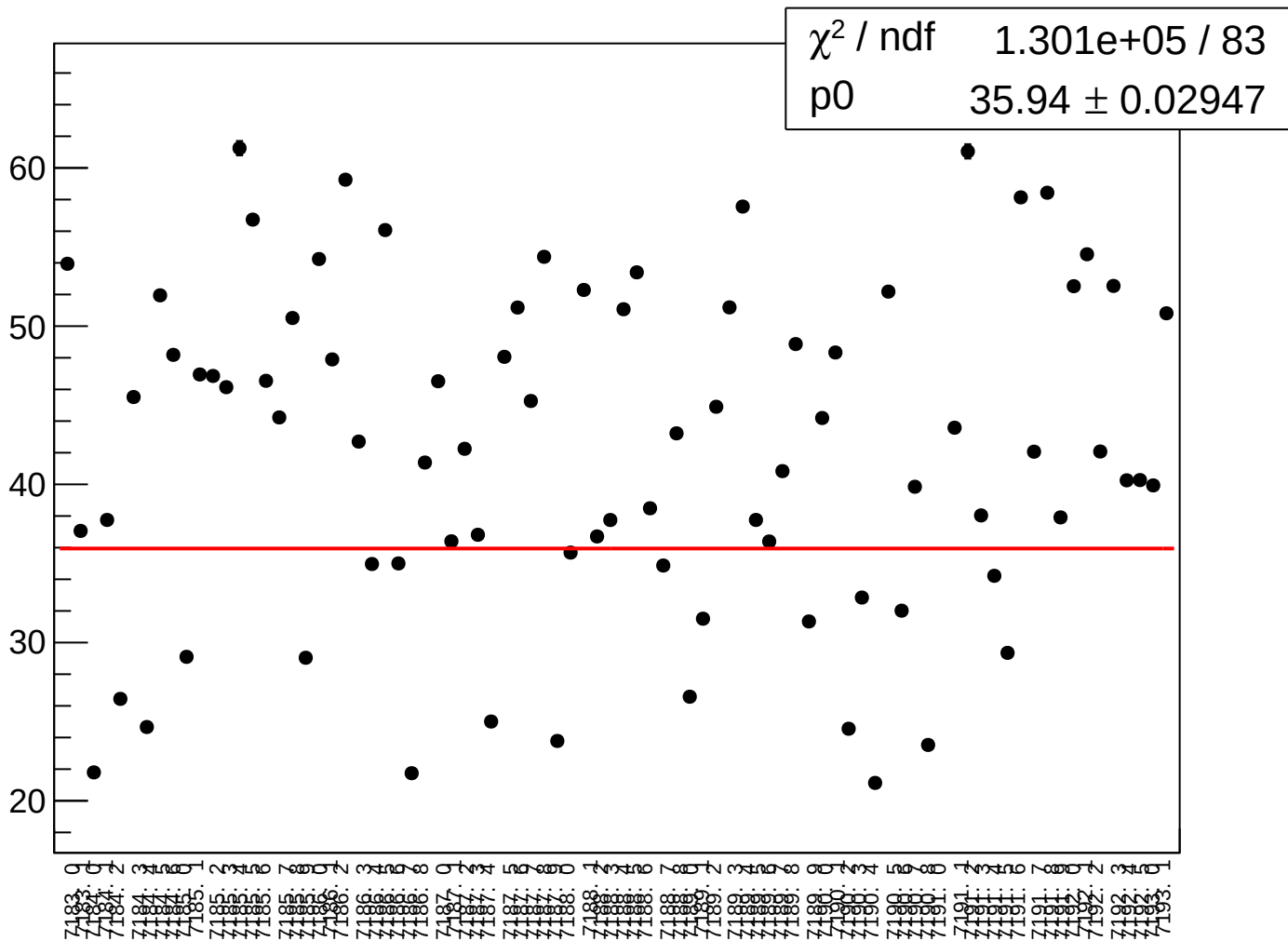
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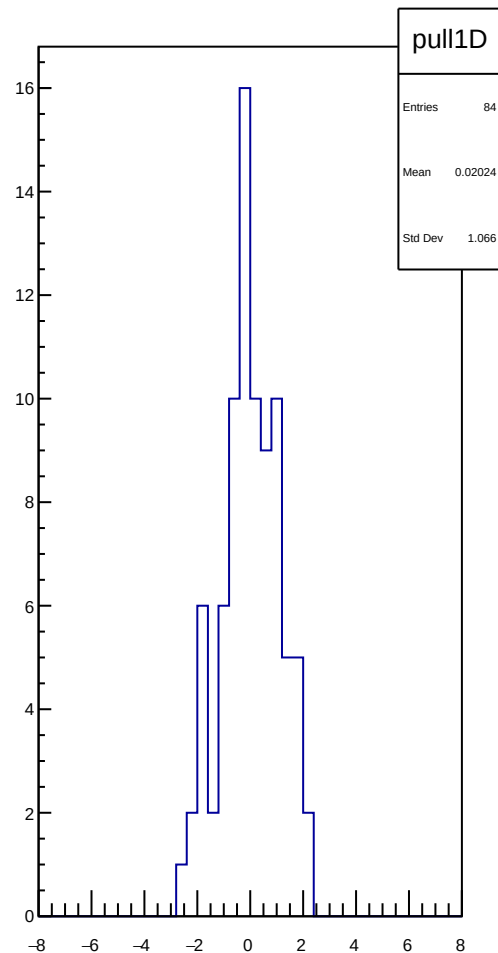
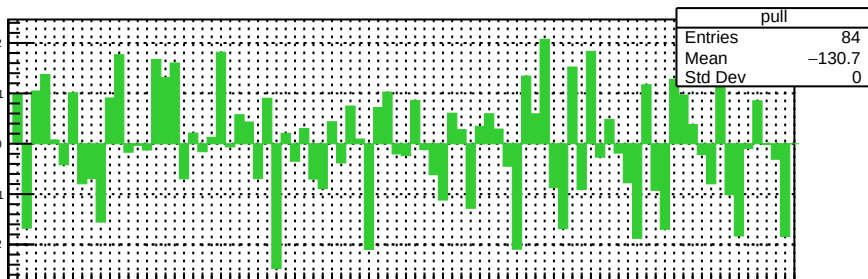
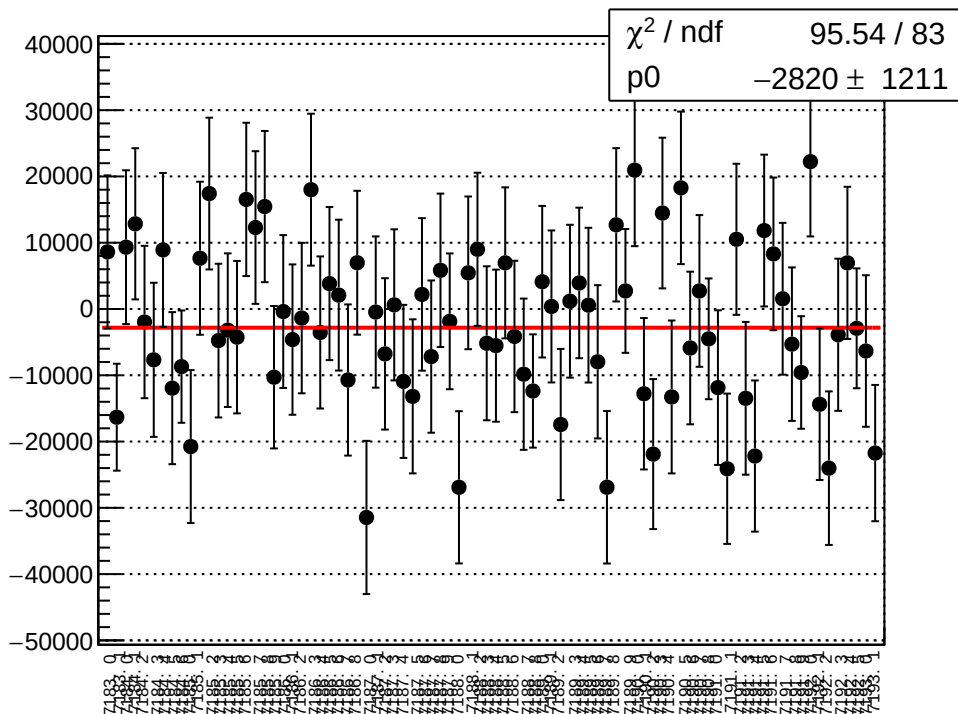
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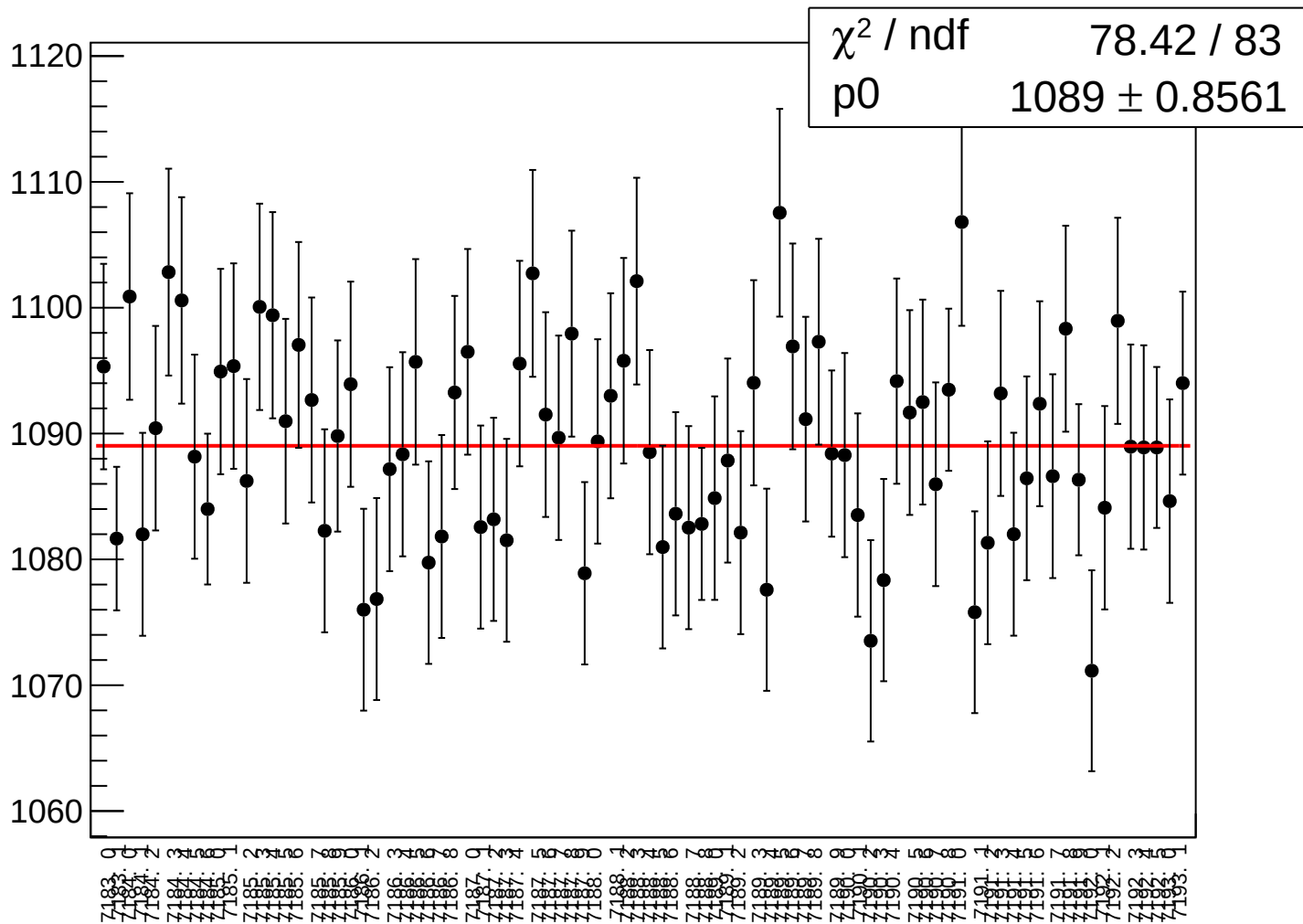
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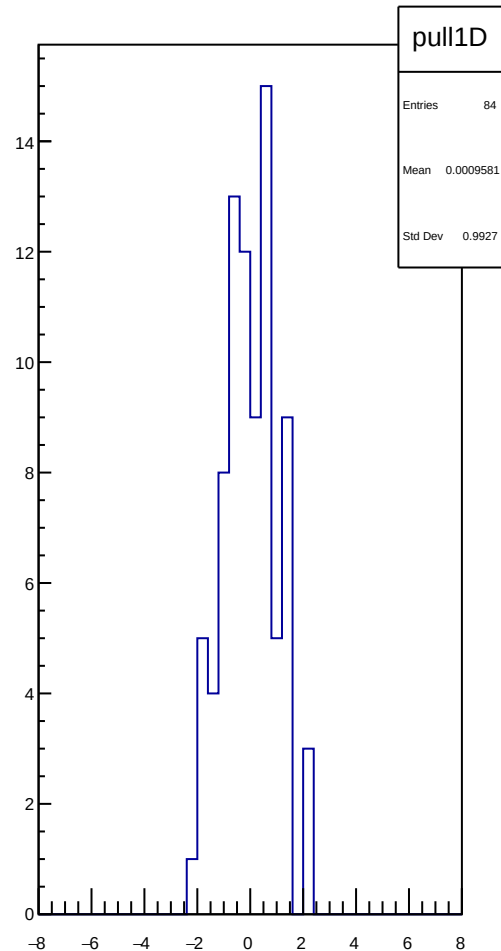
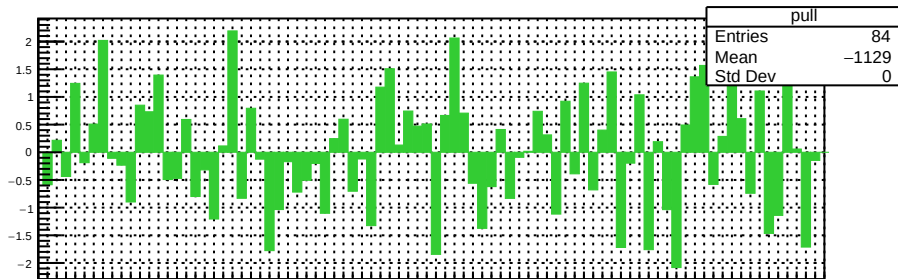
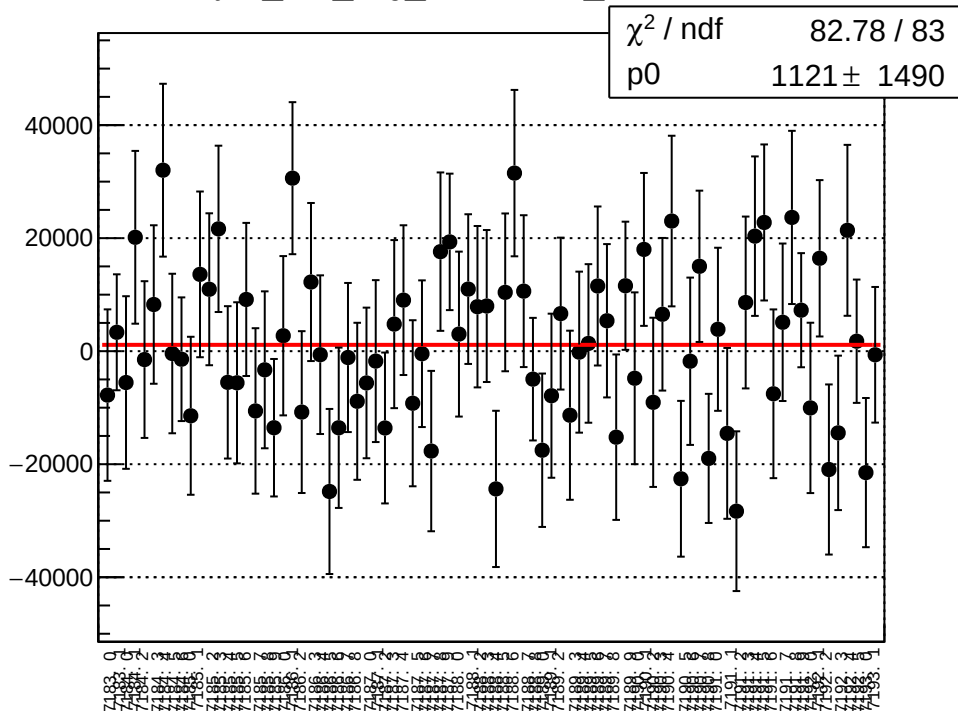
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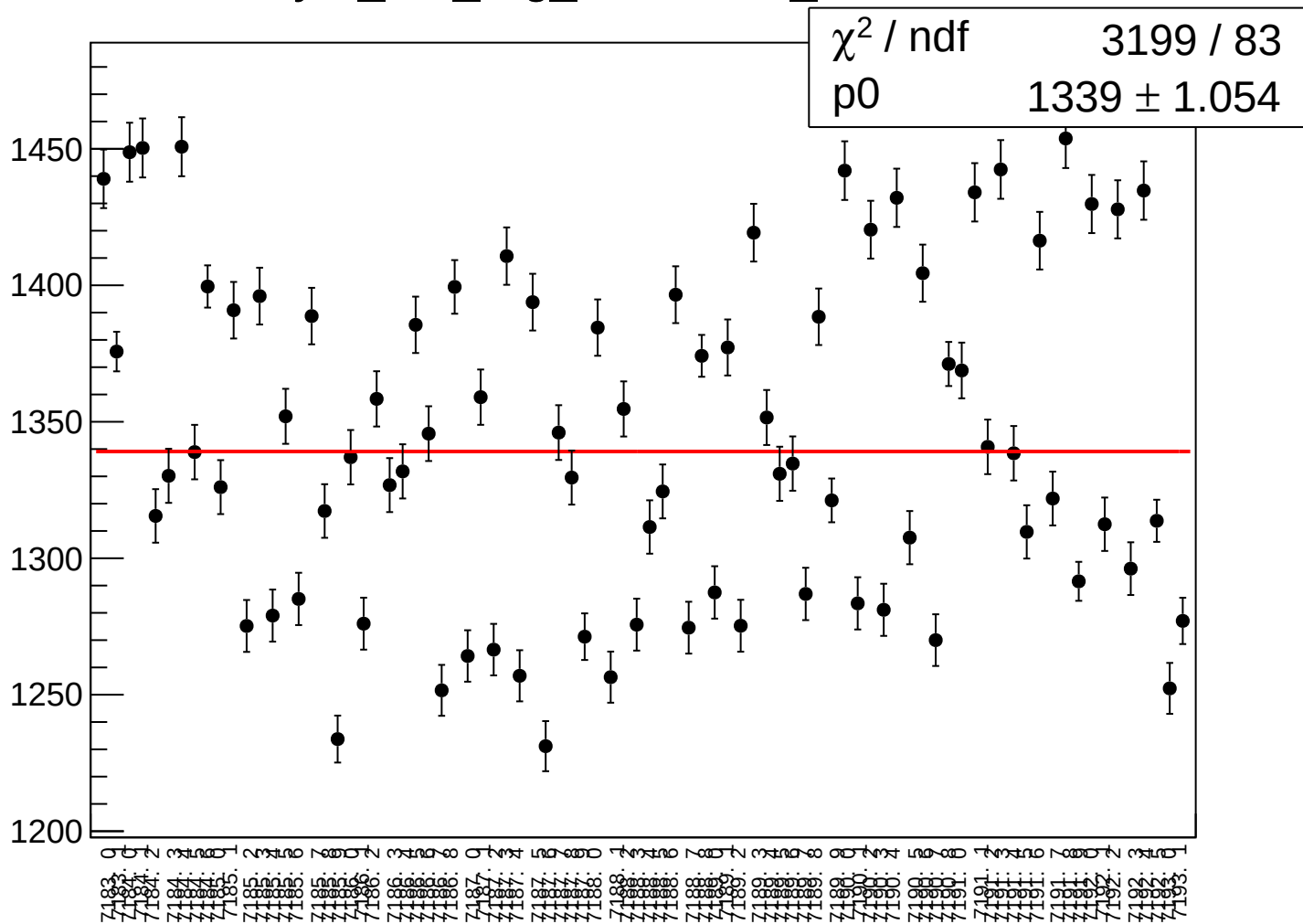
reg_asym_usr_rms vs run



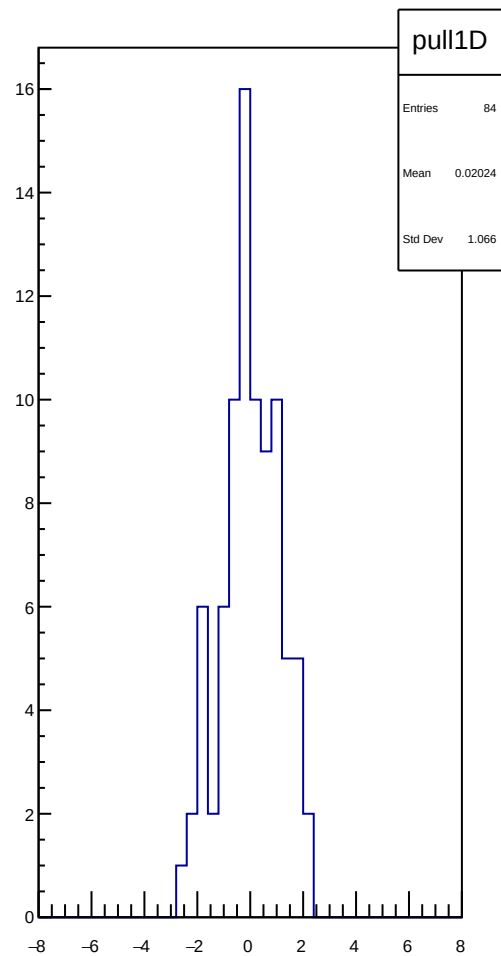
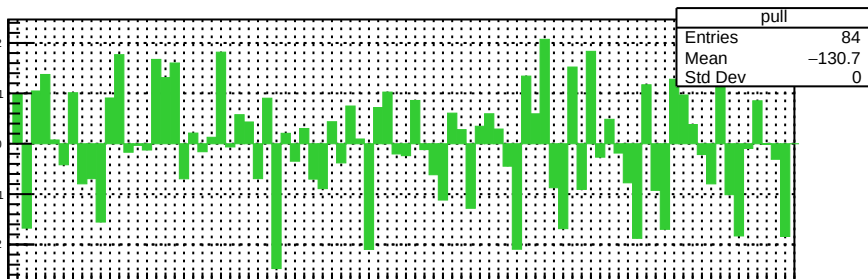
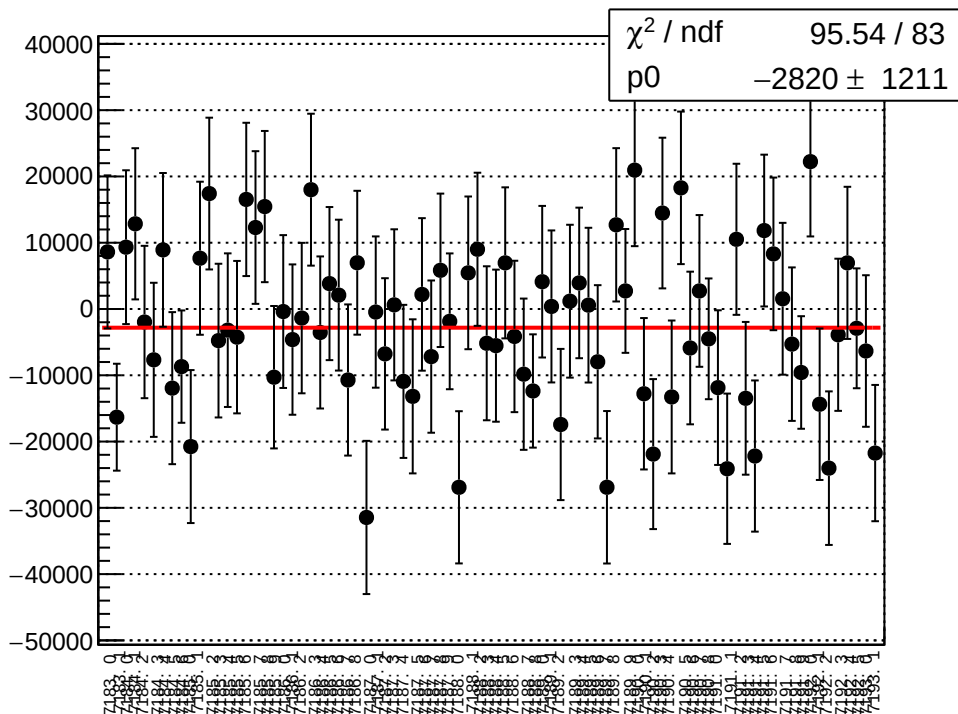
asym_usr_reg_correction_mean vs run



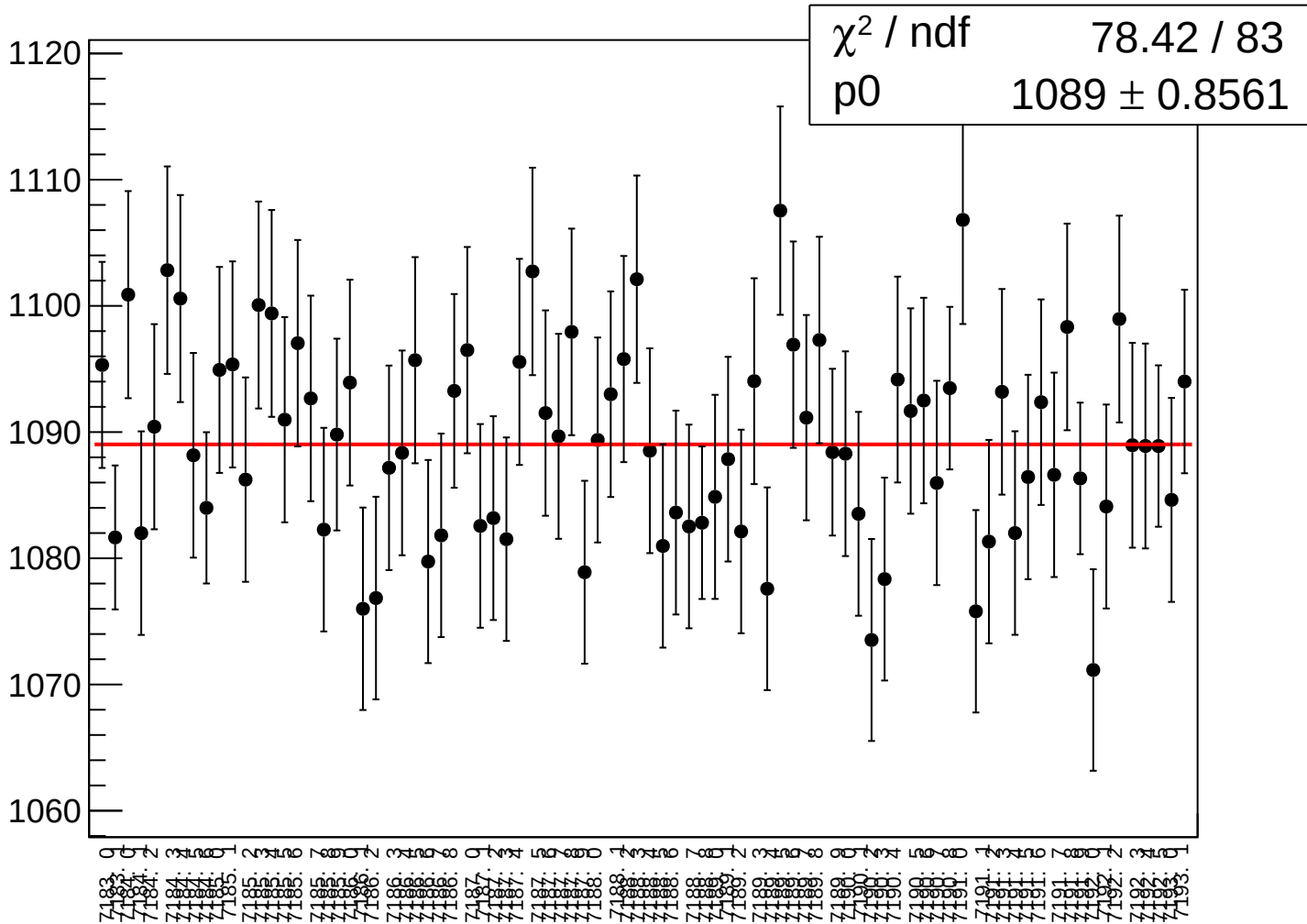
asym_usr_reg_correction_rms vs run



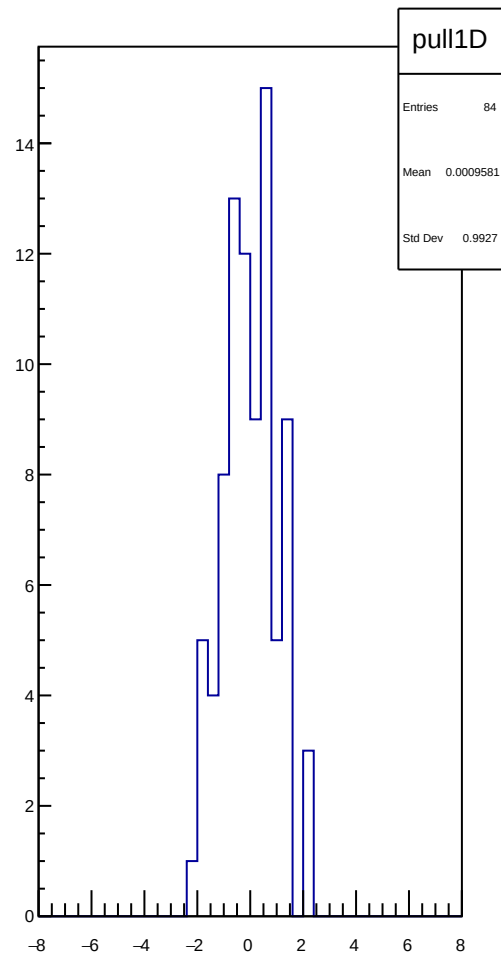
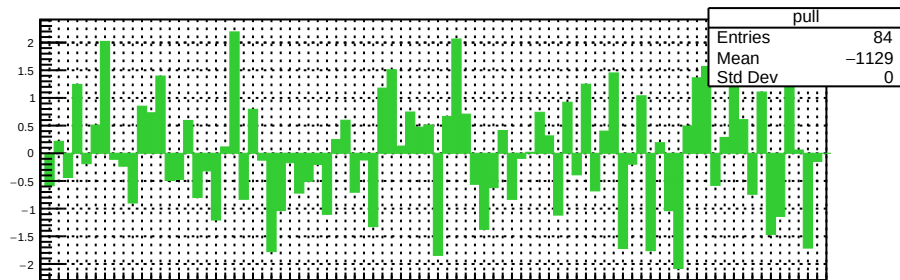
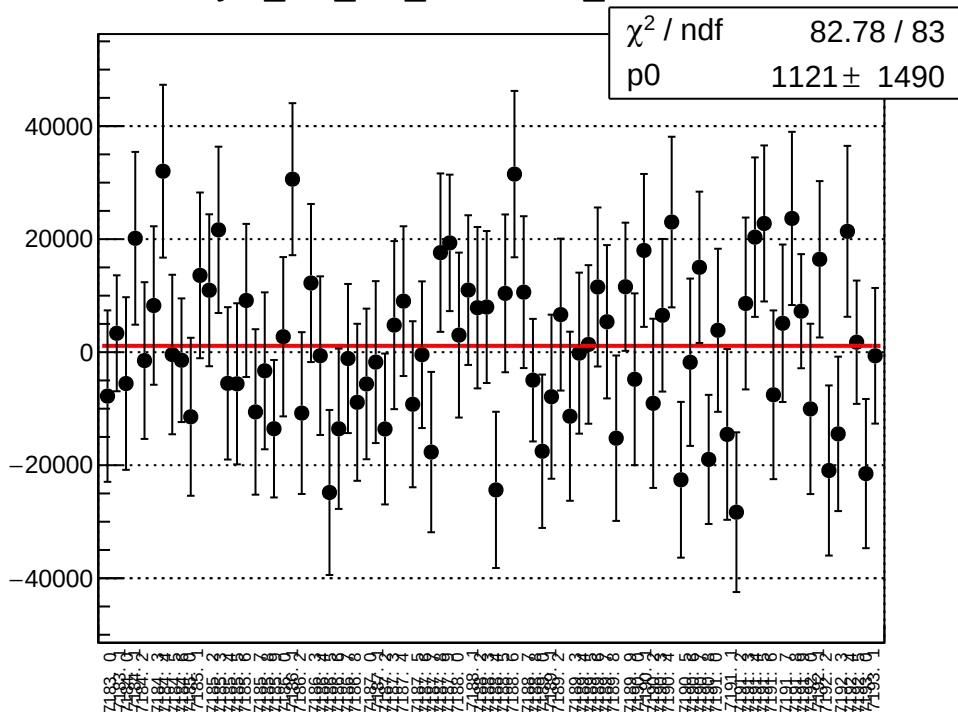
cor_asym_usr_mean vs run



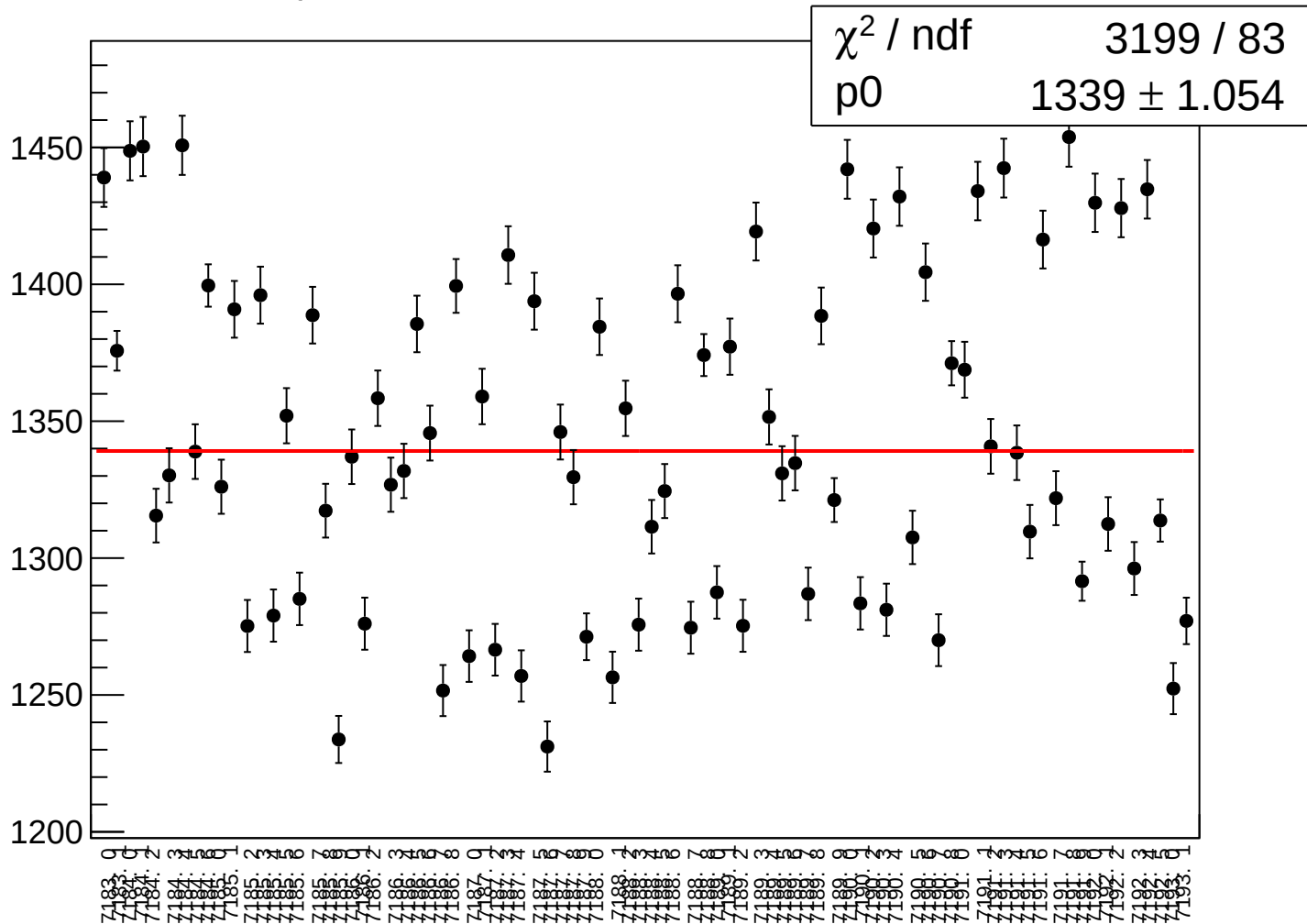
cor_asym_usr_rms vs run



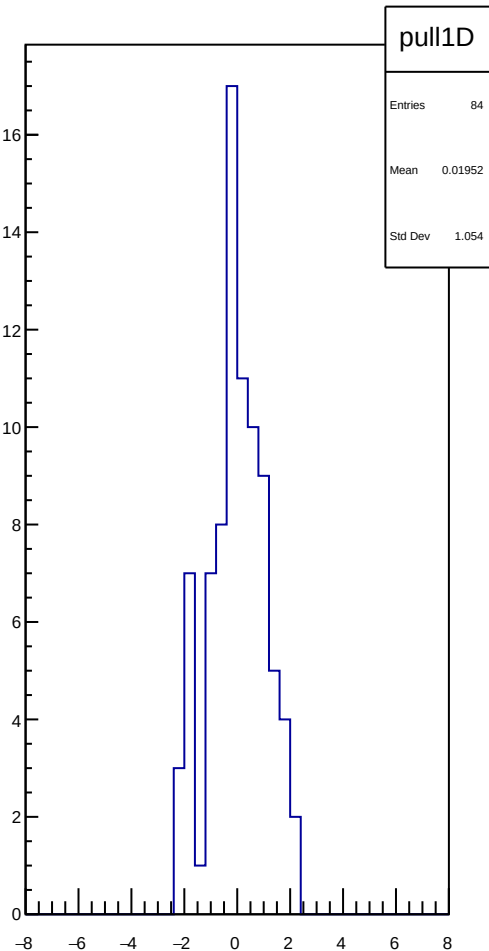
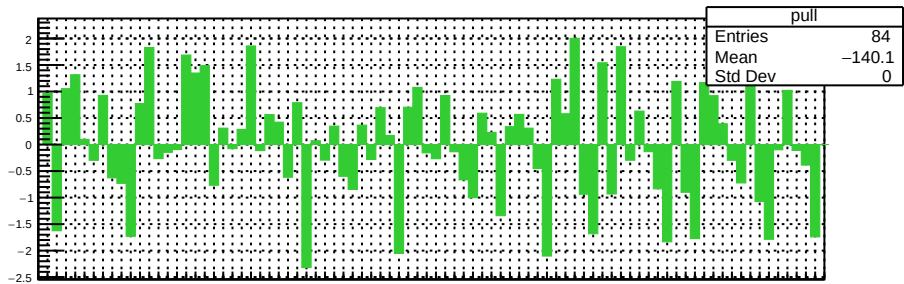
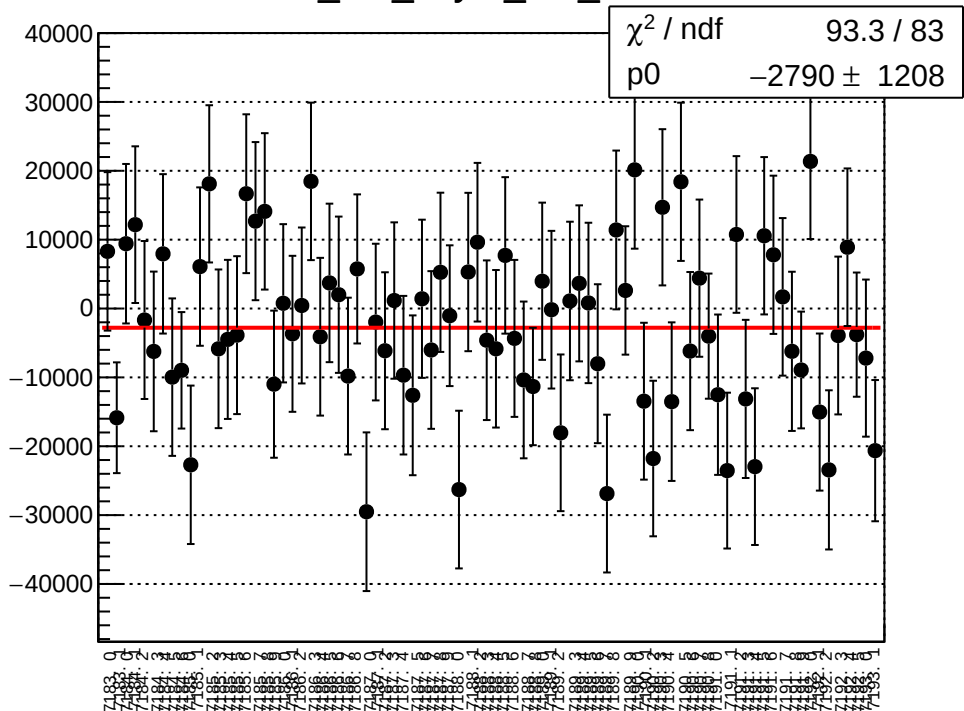
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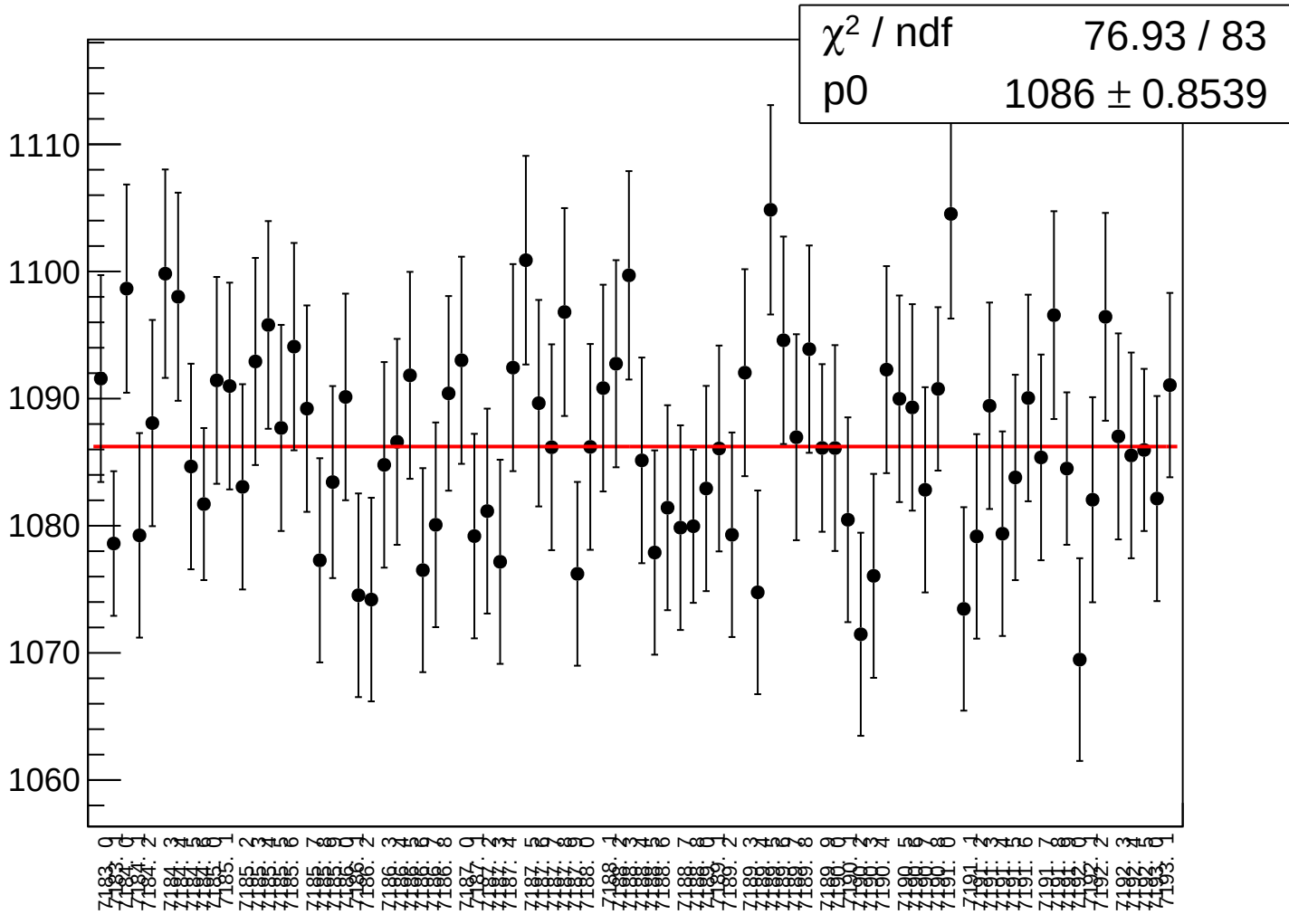
asym_usr_cor_correction_rms vs run



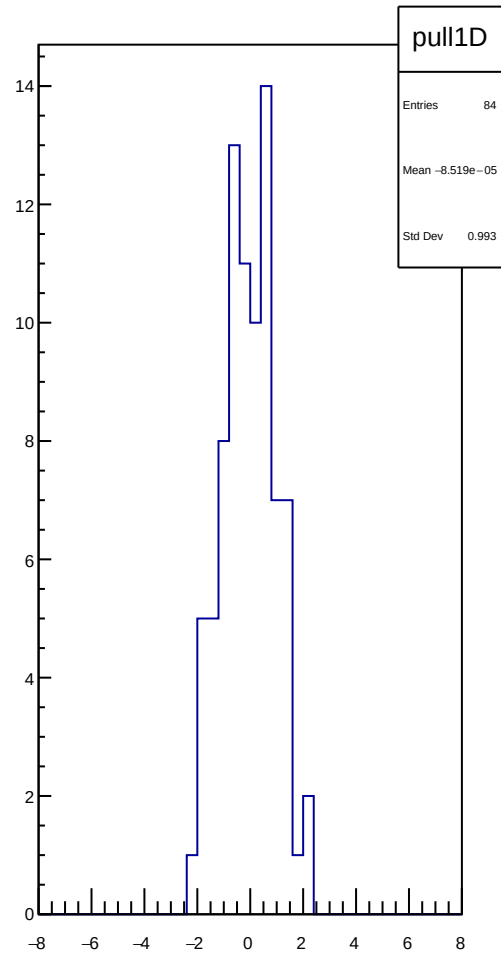
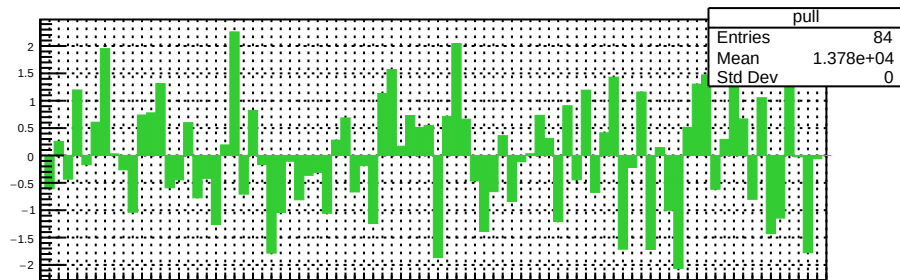
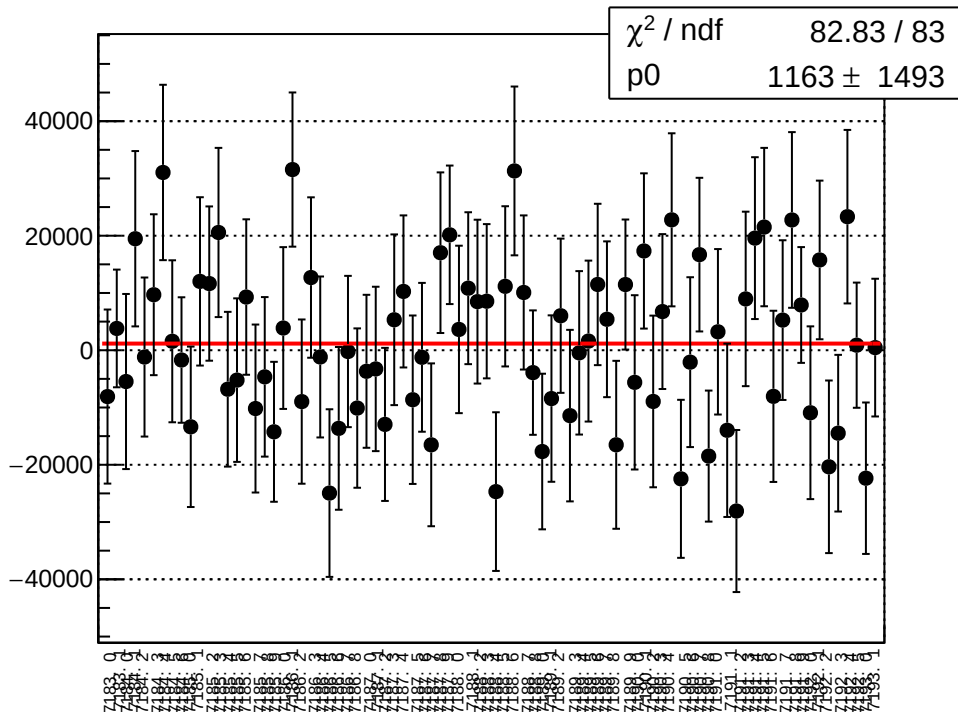
overload_cor_asym_usr_mean vs run



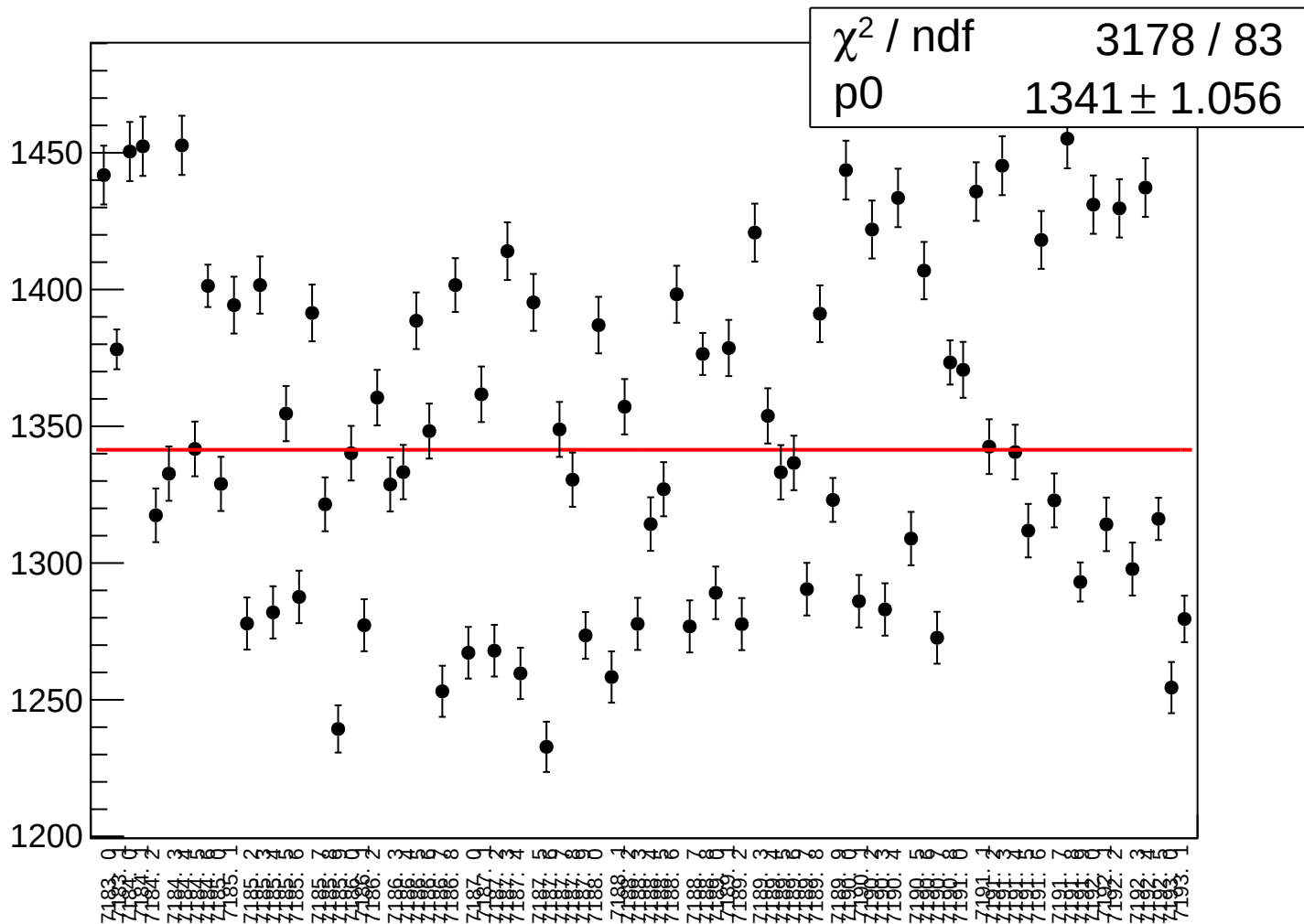
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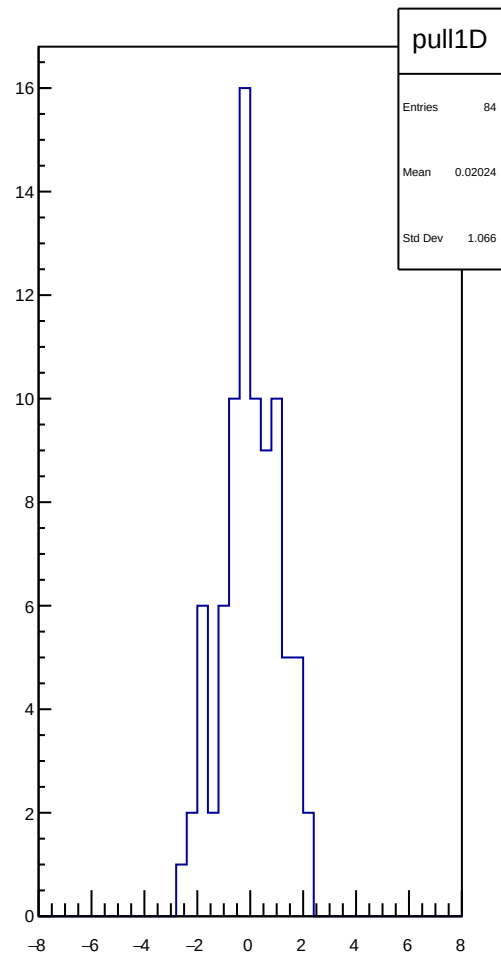
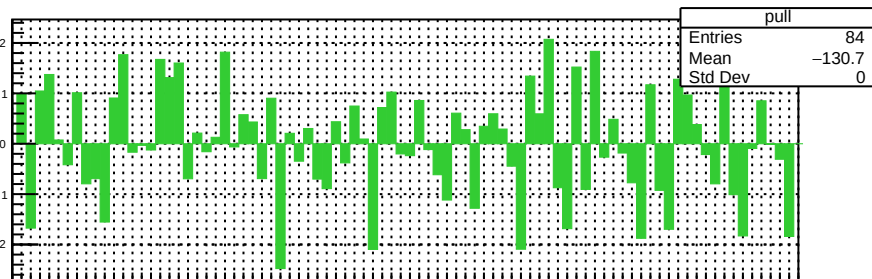
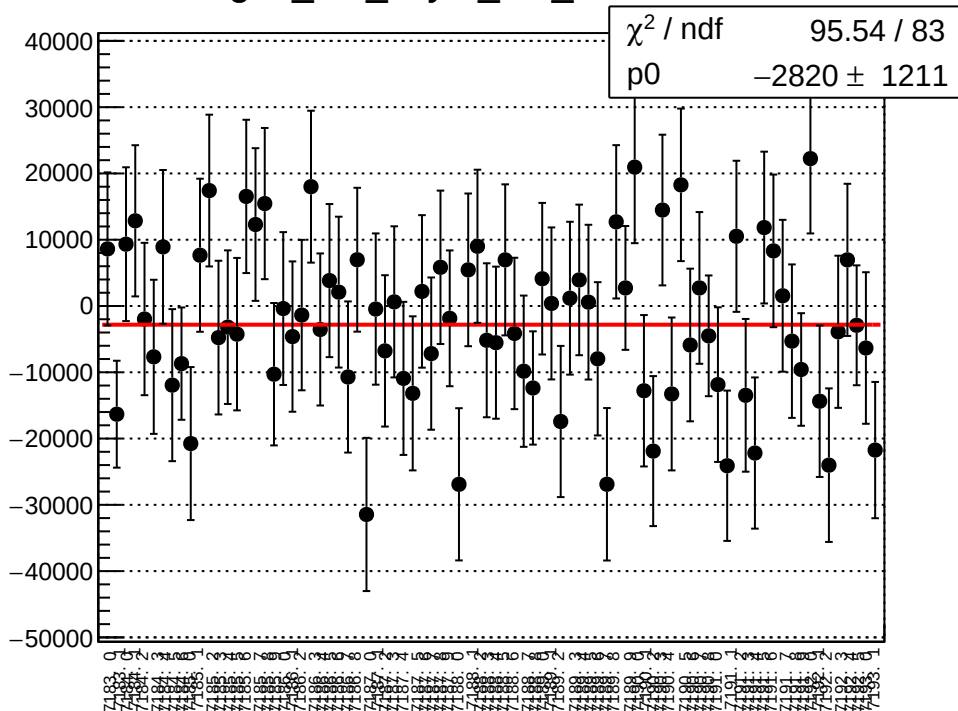
asym_usr_overload_cor_correction_mean vs run



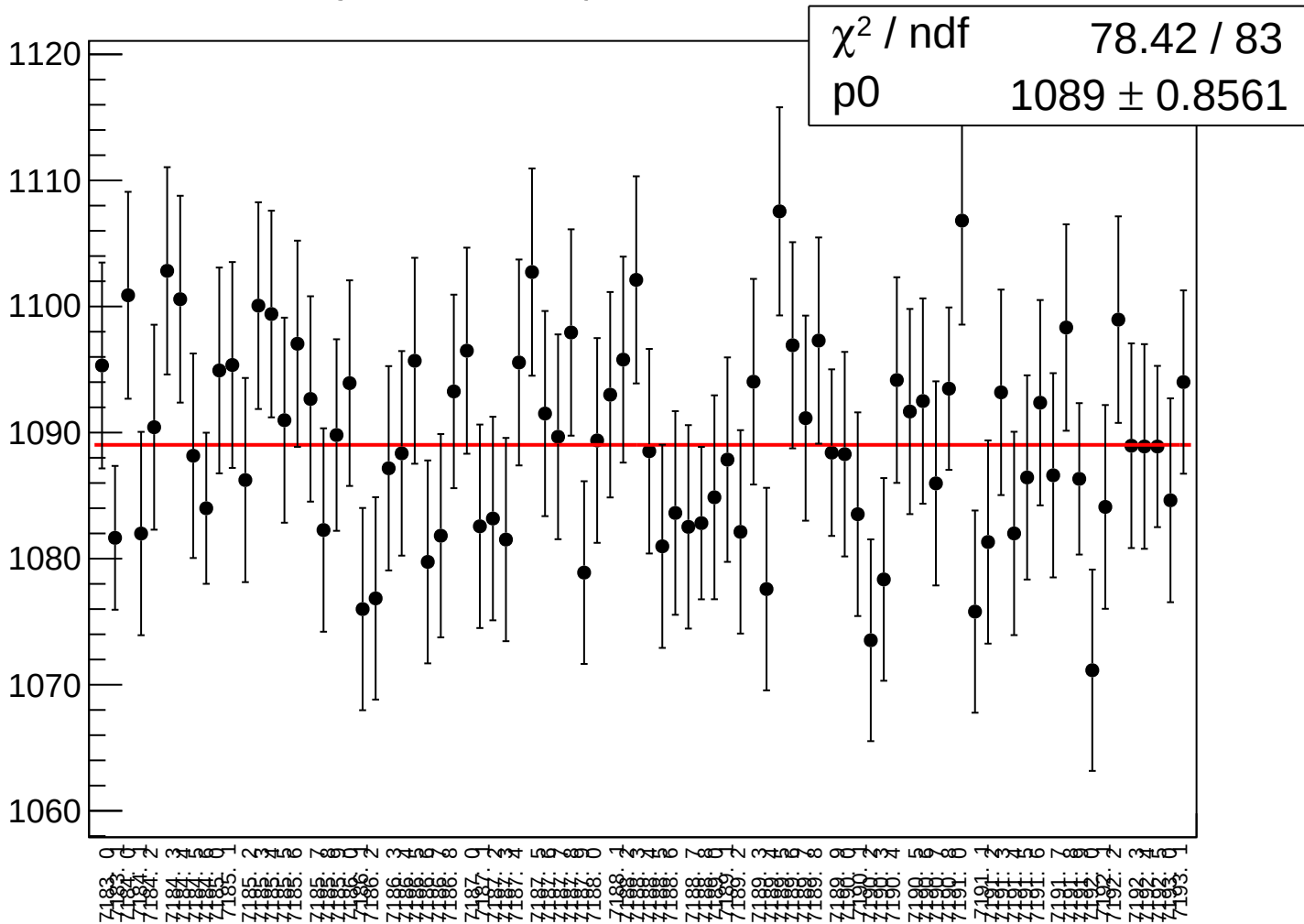
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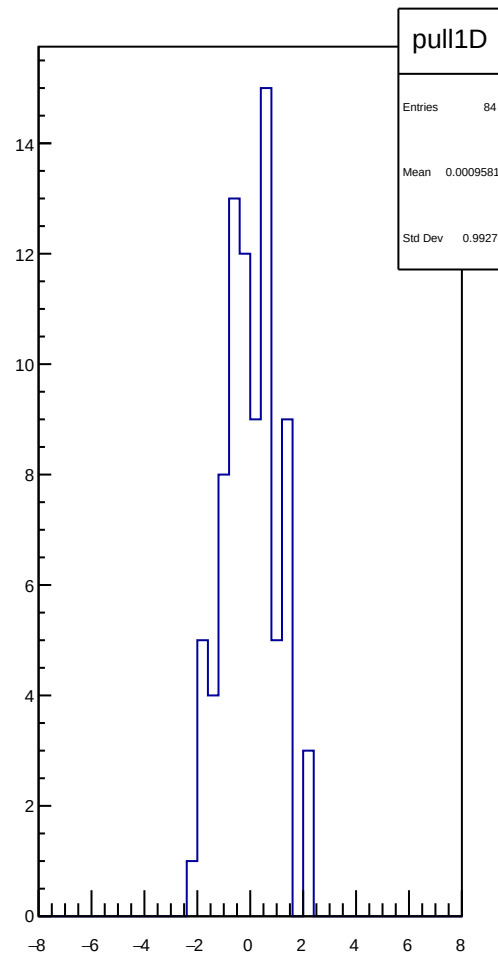
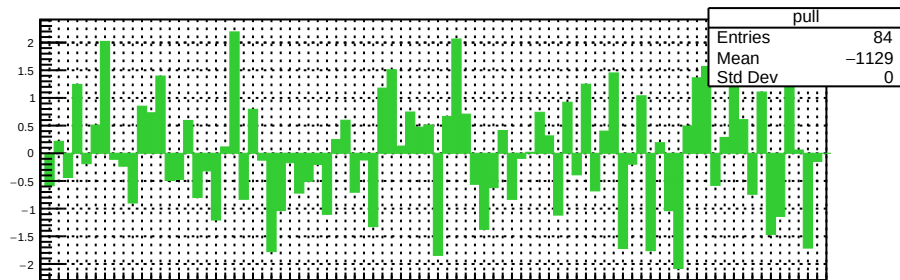
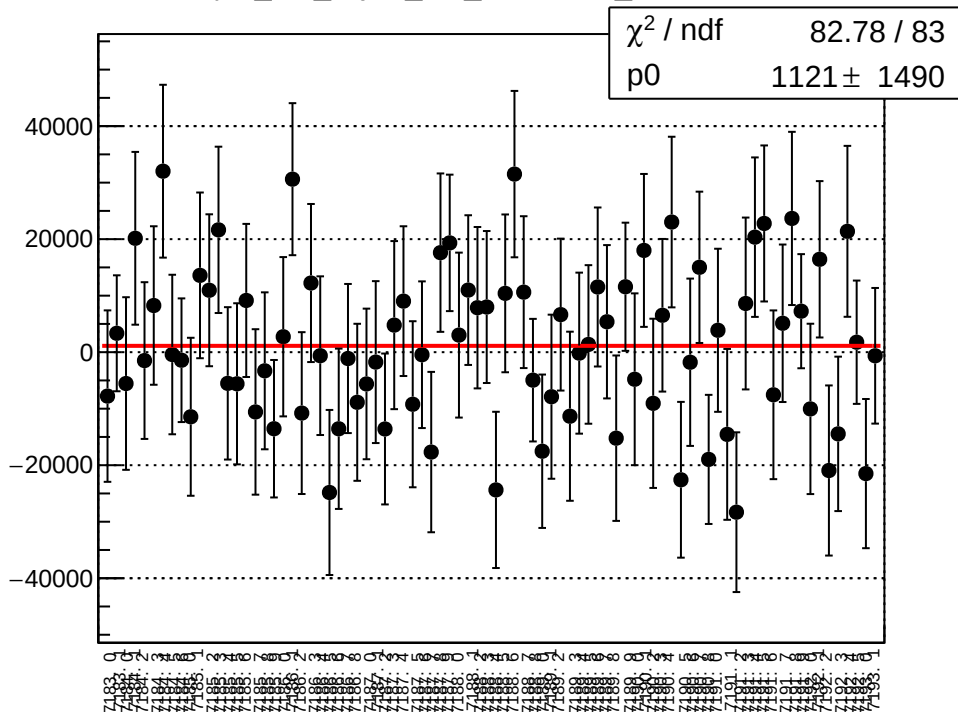
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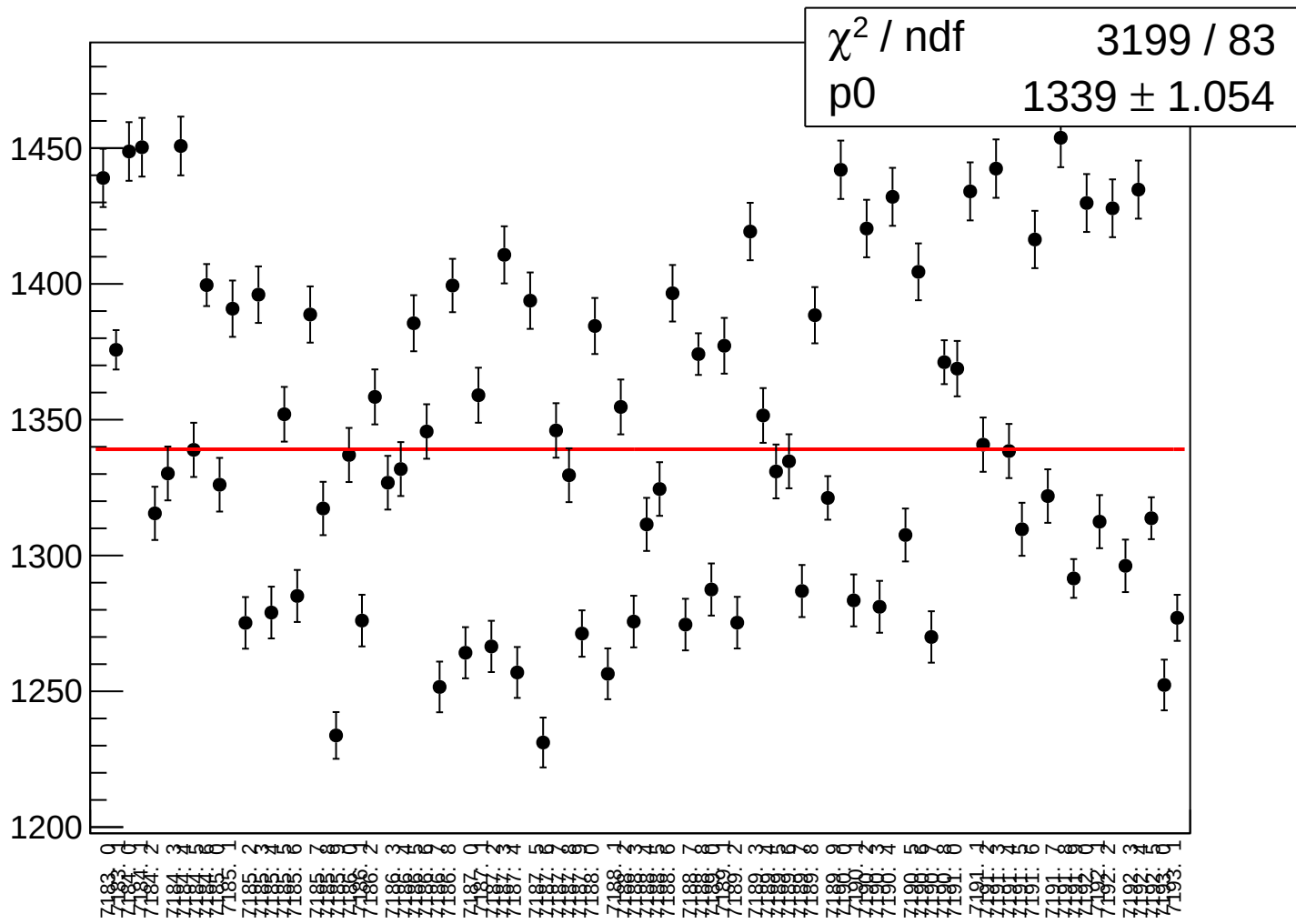
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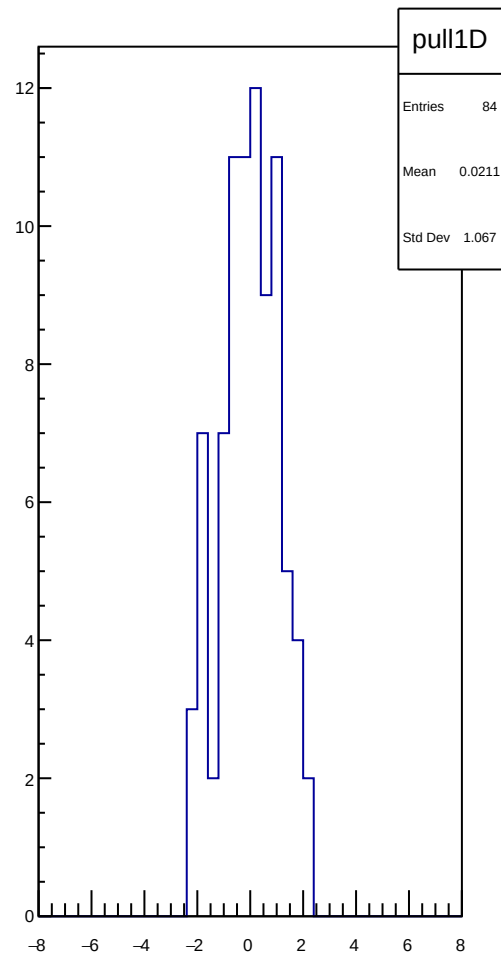
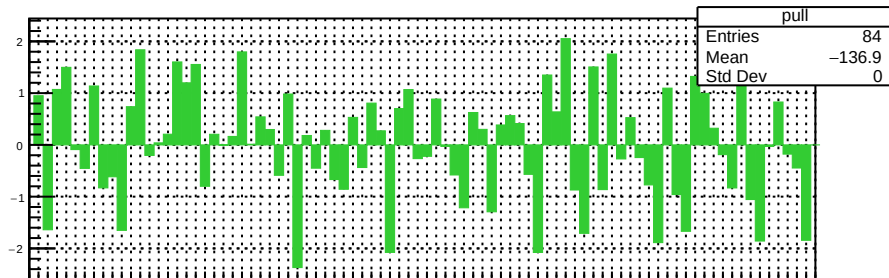
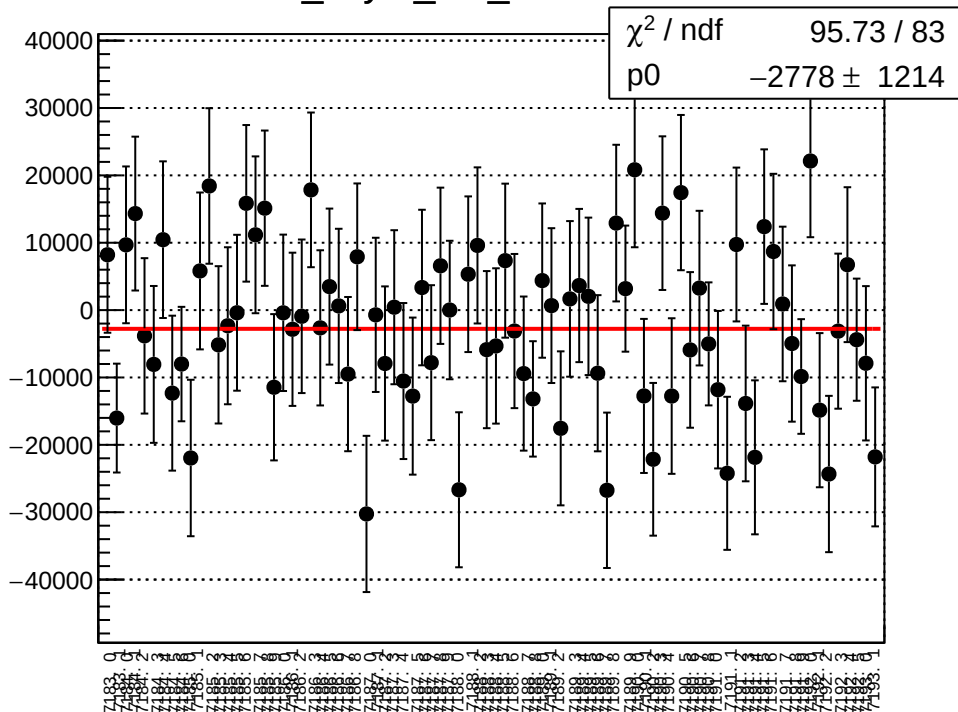
asym_usr_eigen_cor_correction_mean vs run



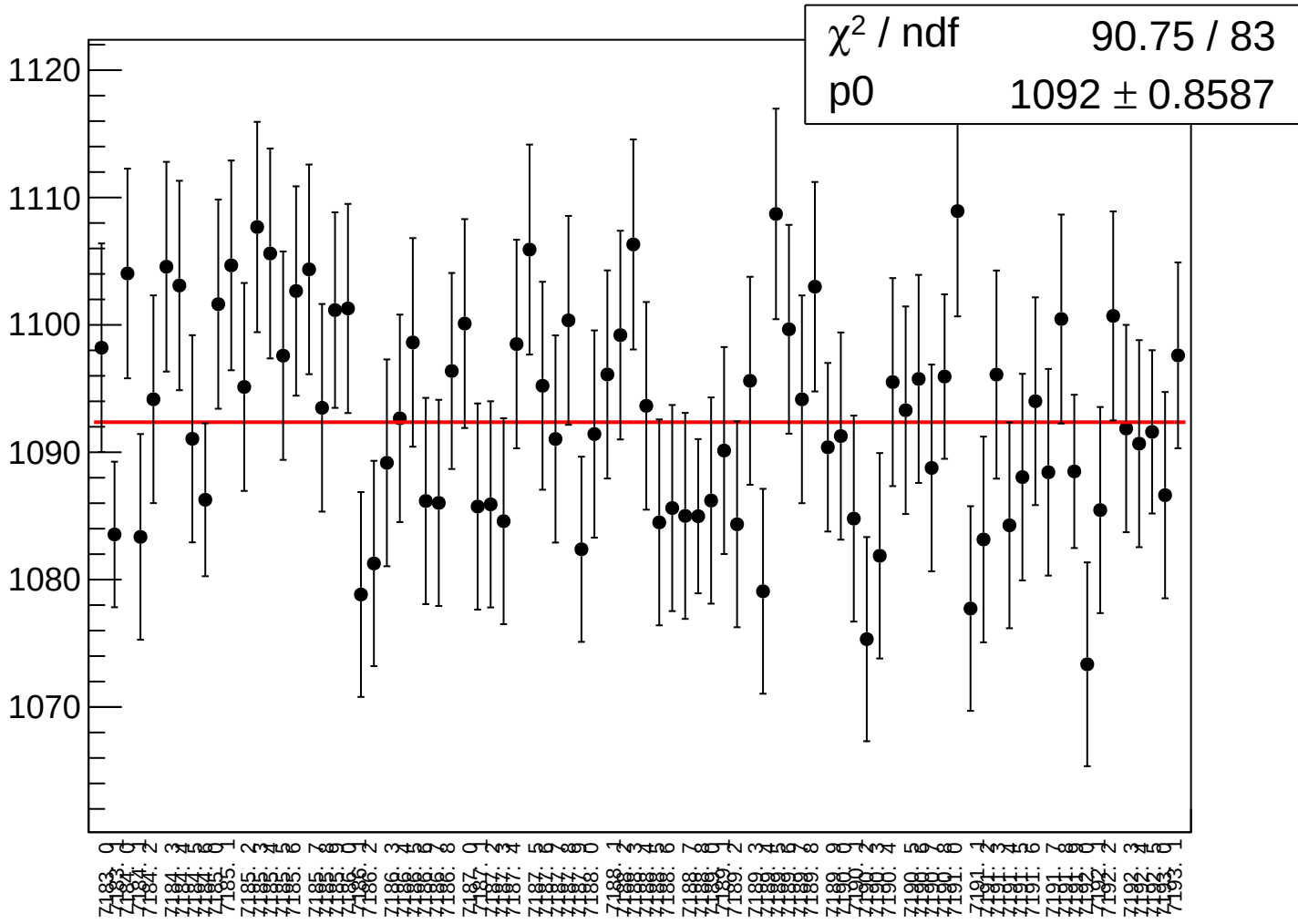
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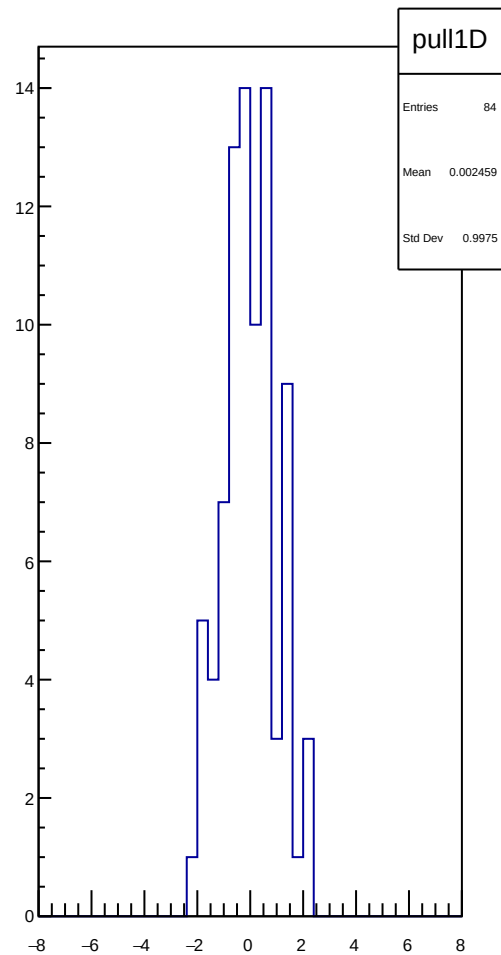
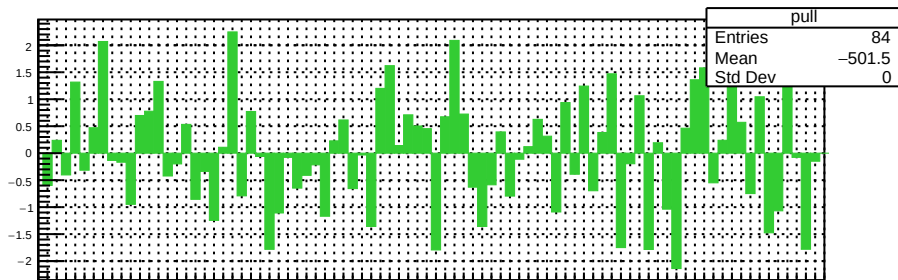
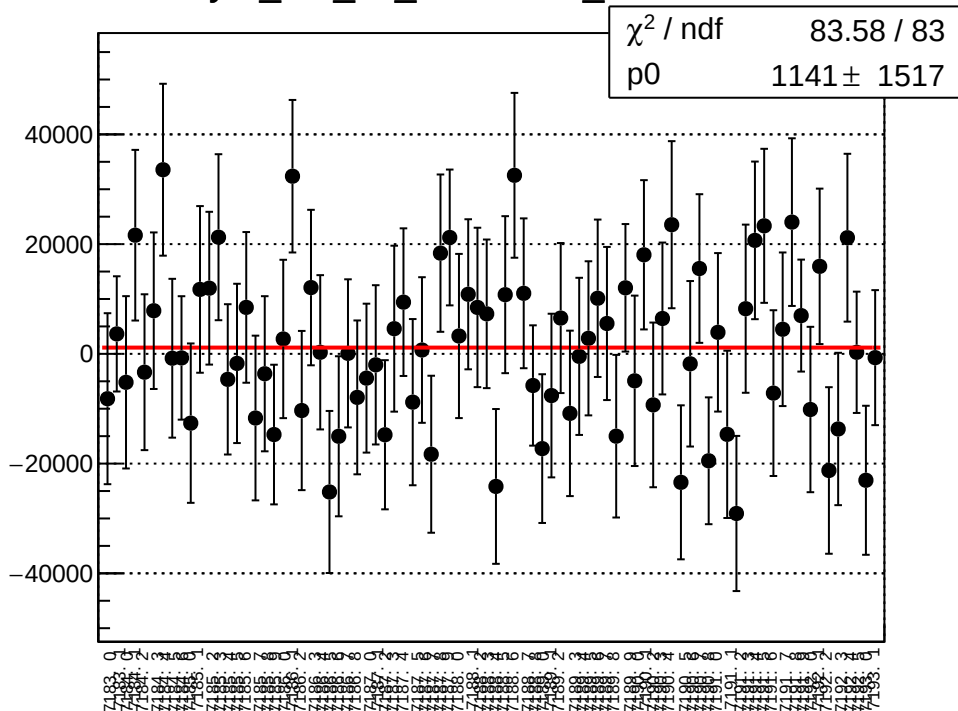
dit_asym_usr_mean vs run



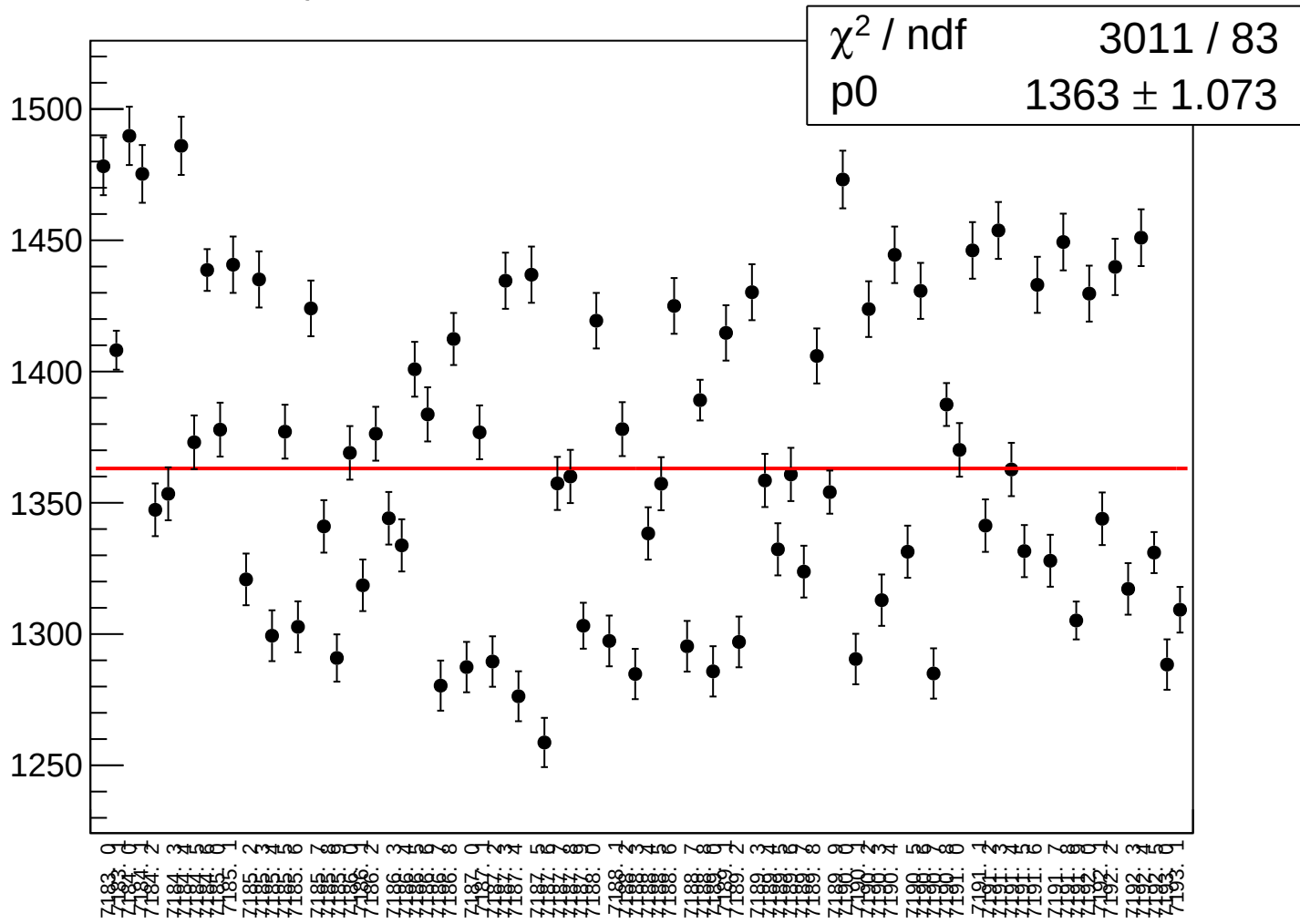
dit_asym_usr_rms vs run



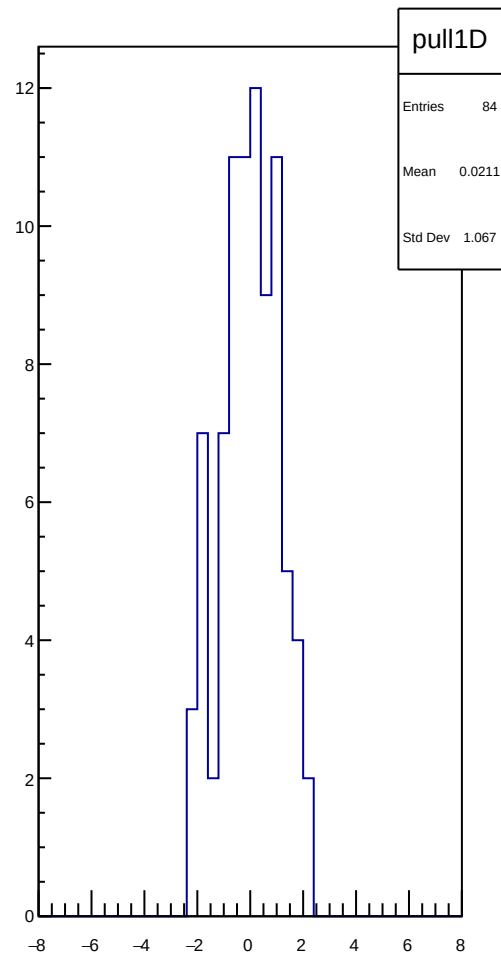
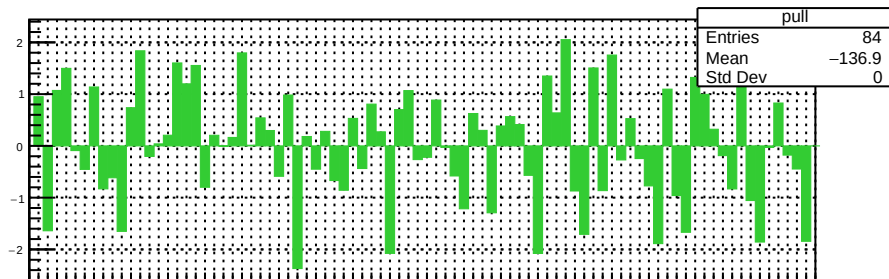
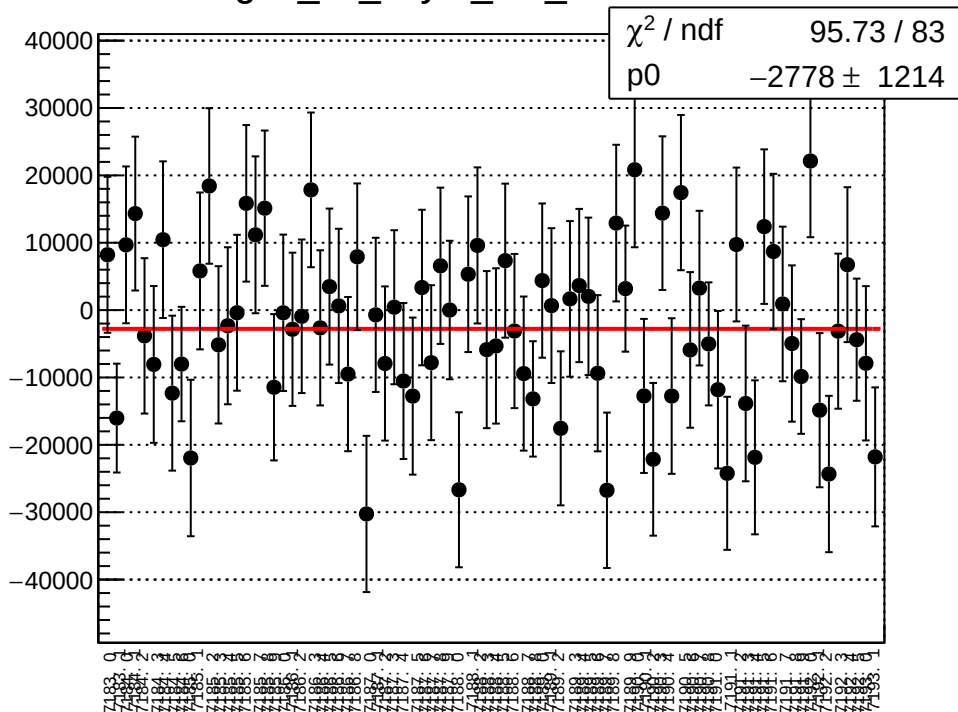
asym_usr_dit_correction_mean vs run



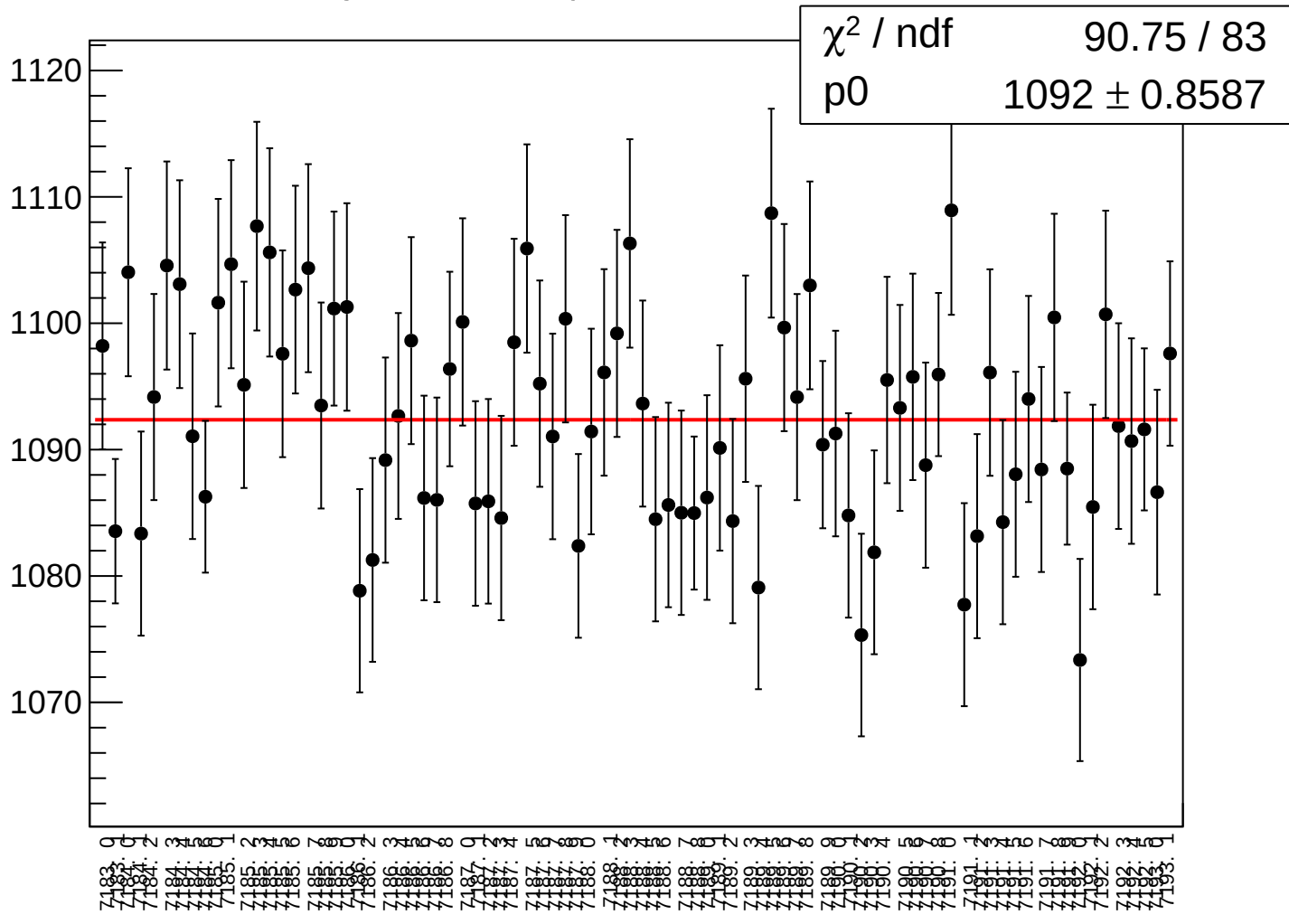
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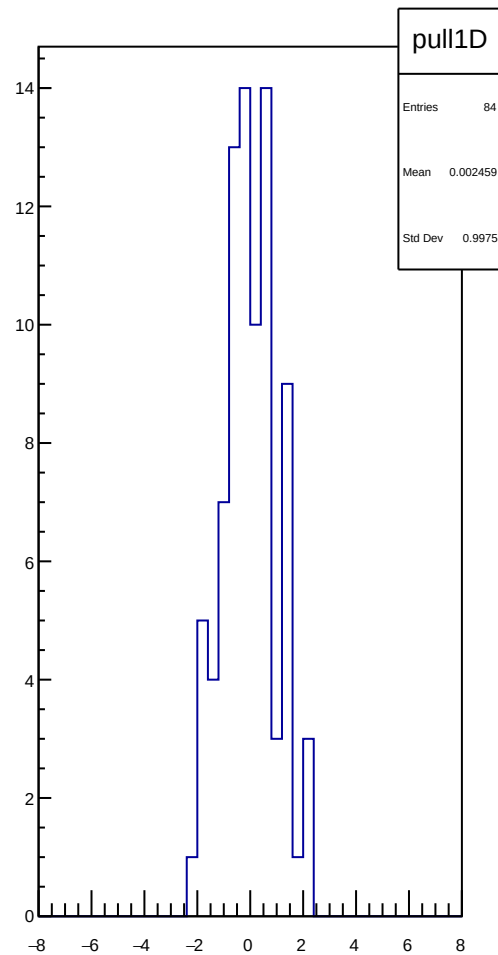
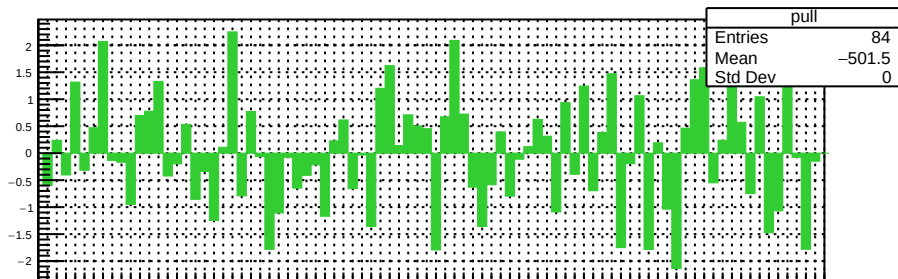
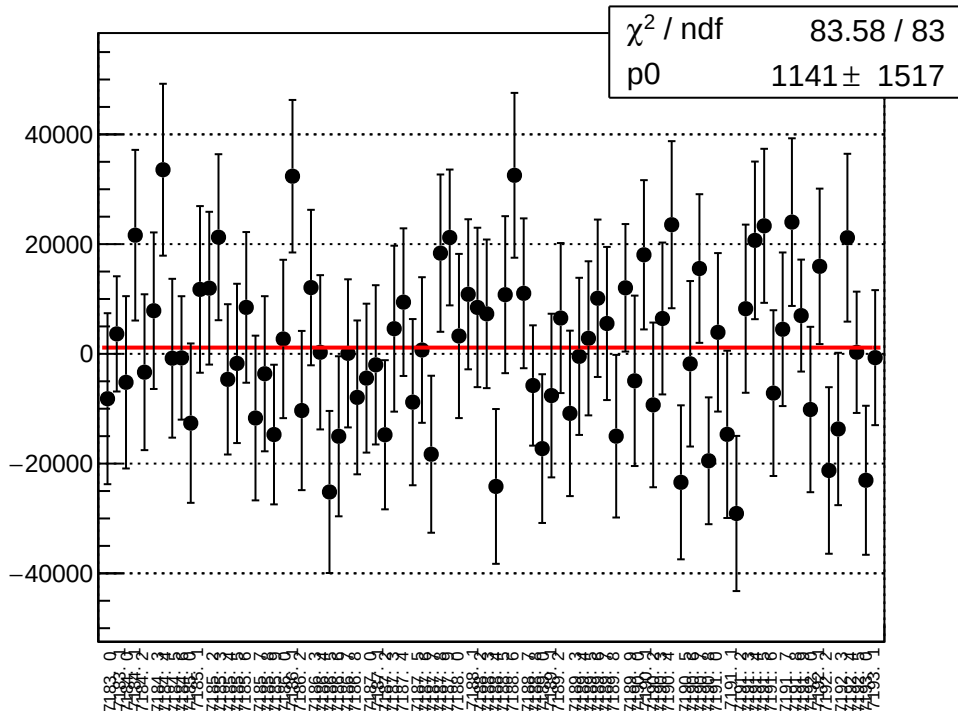
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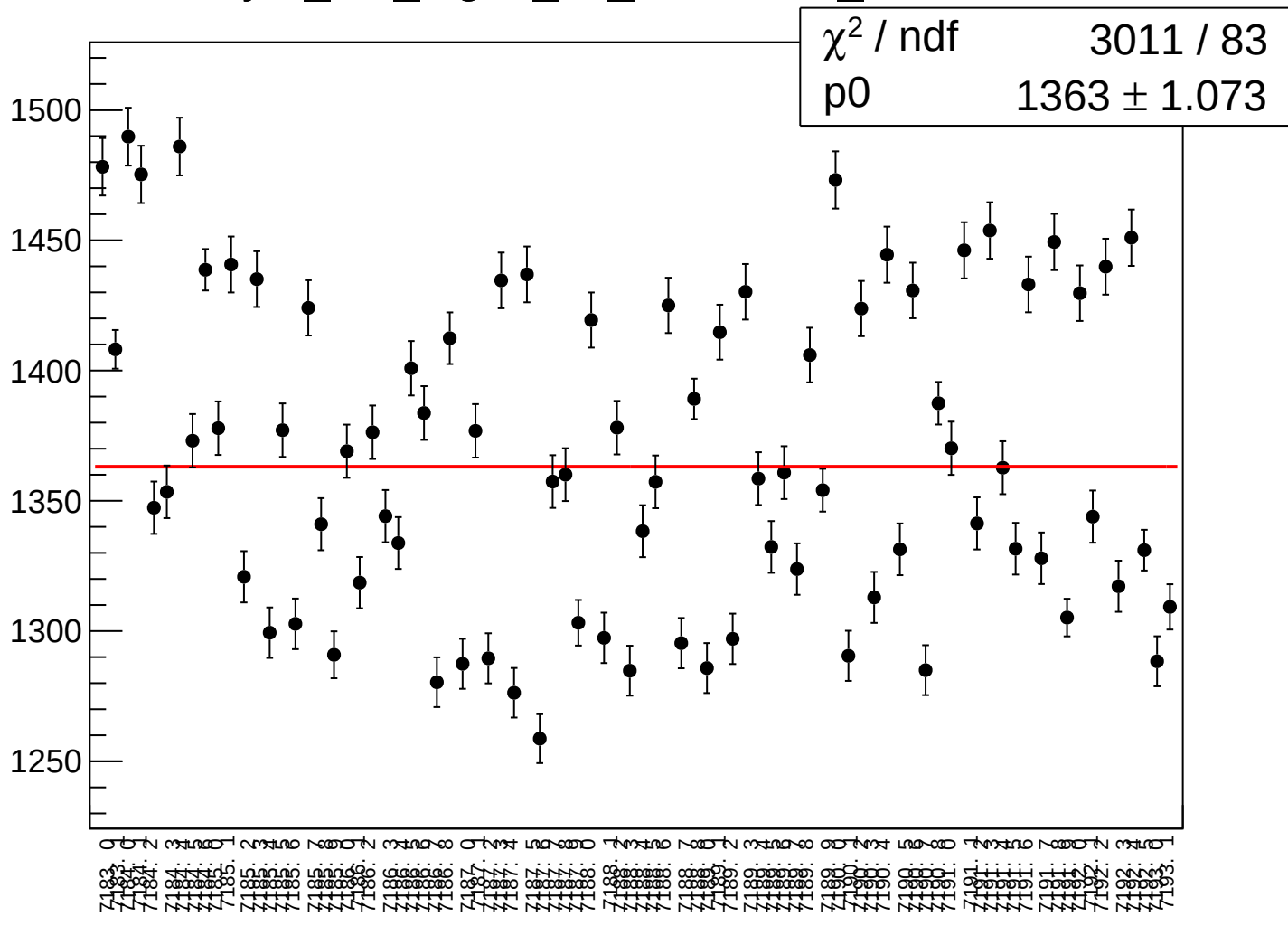
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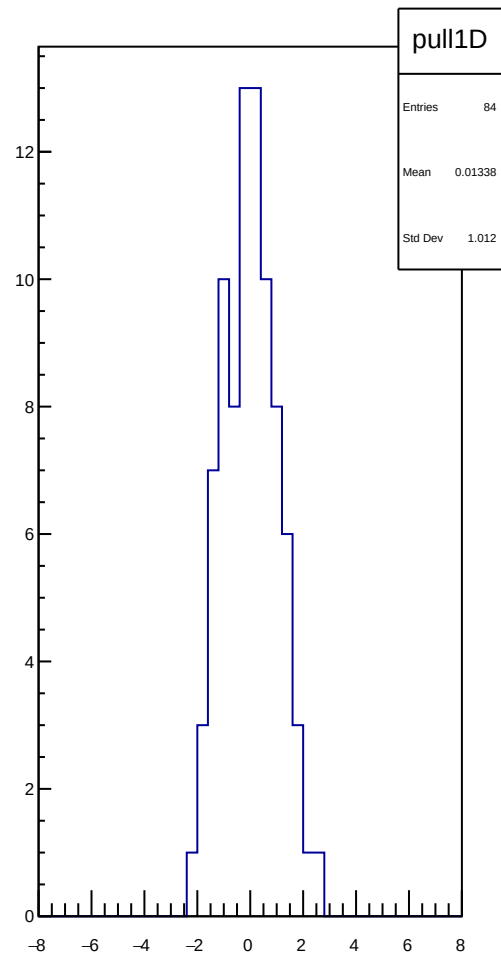
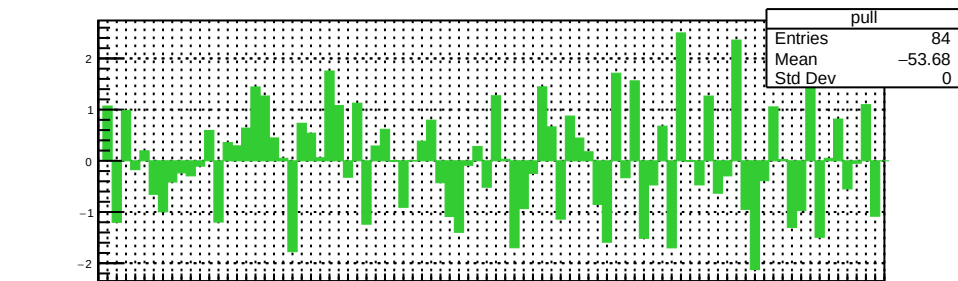
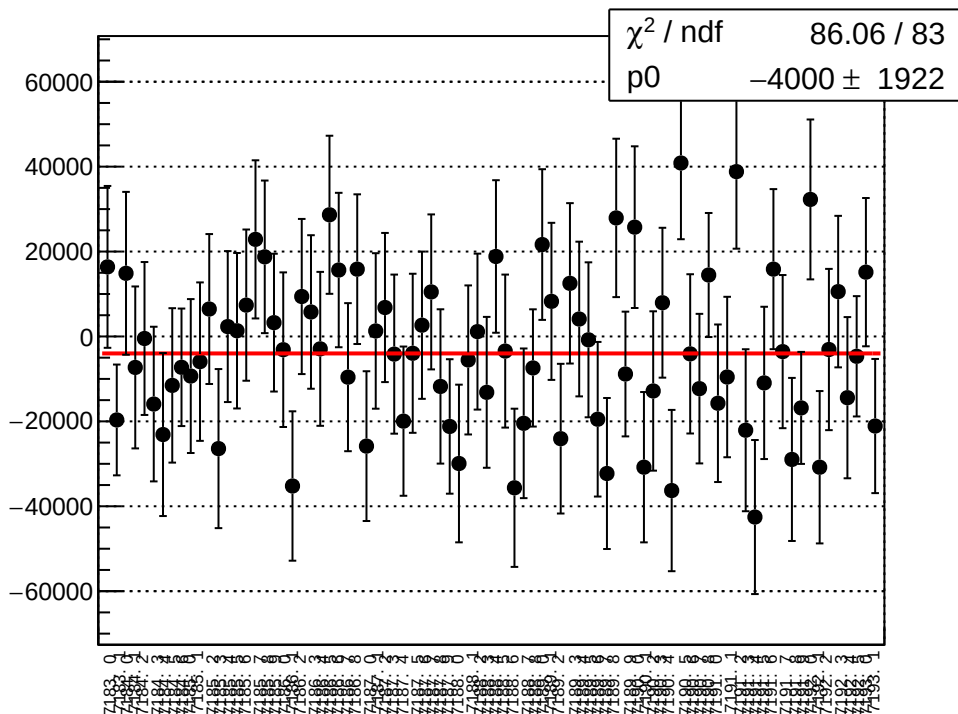
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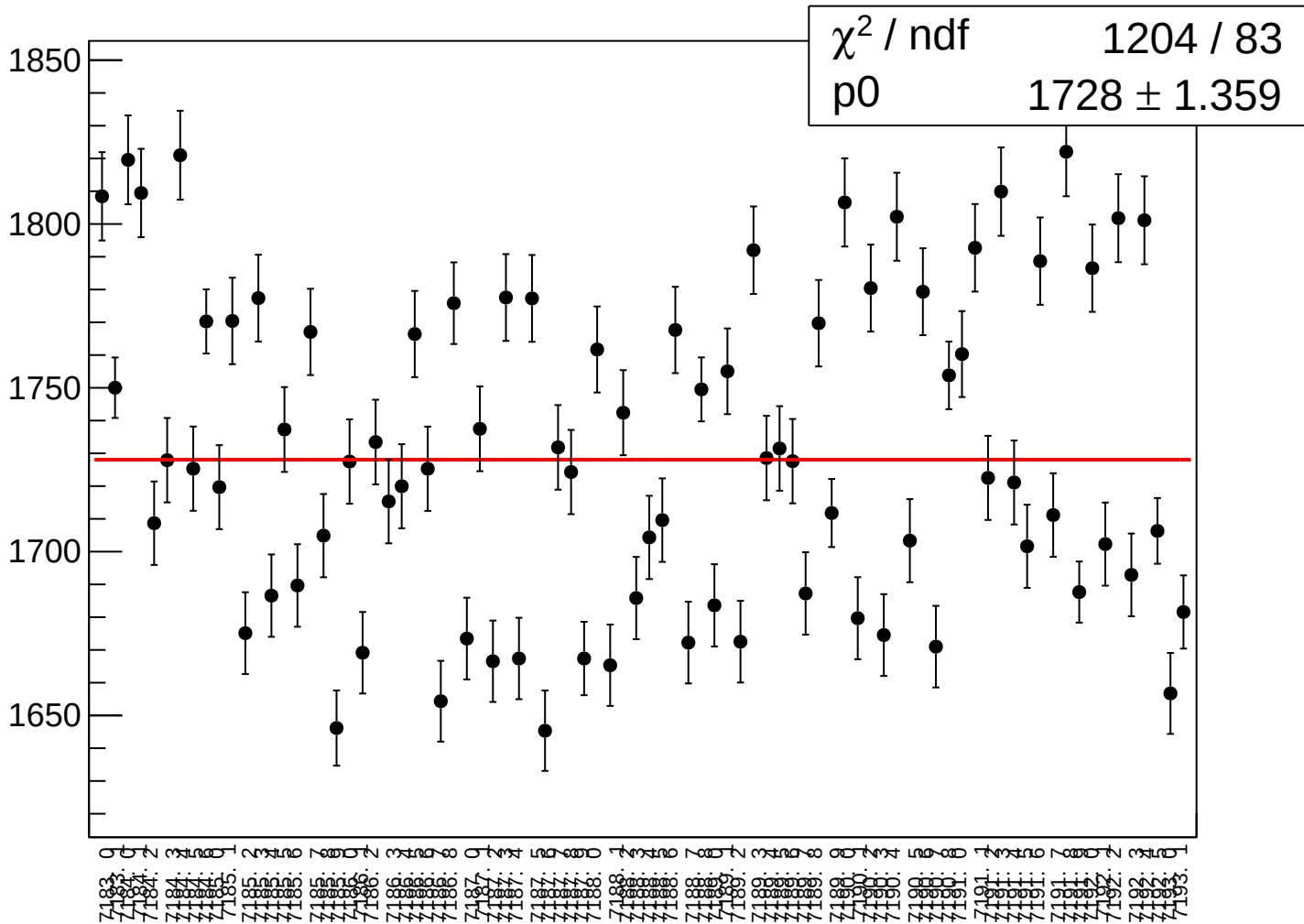
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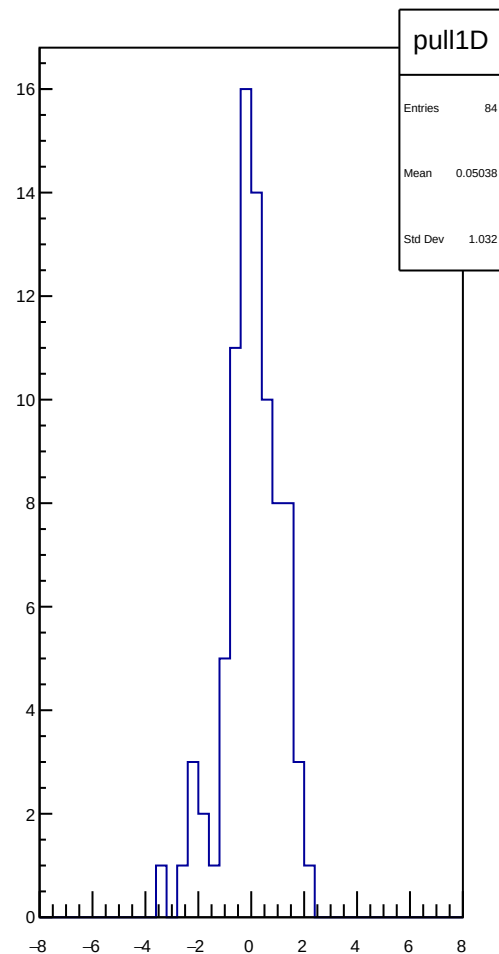
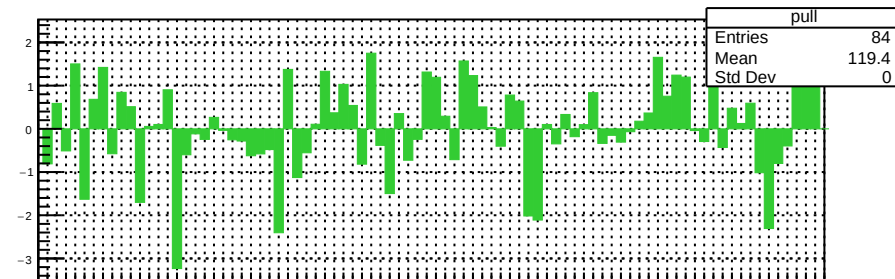
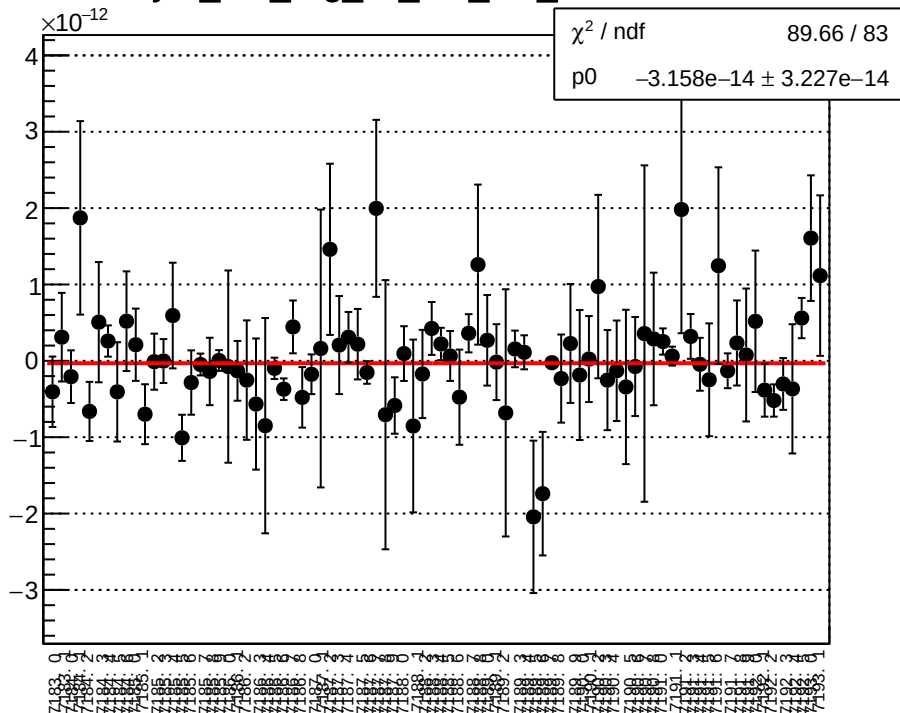
asym_usr_mean vs run



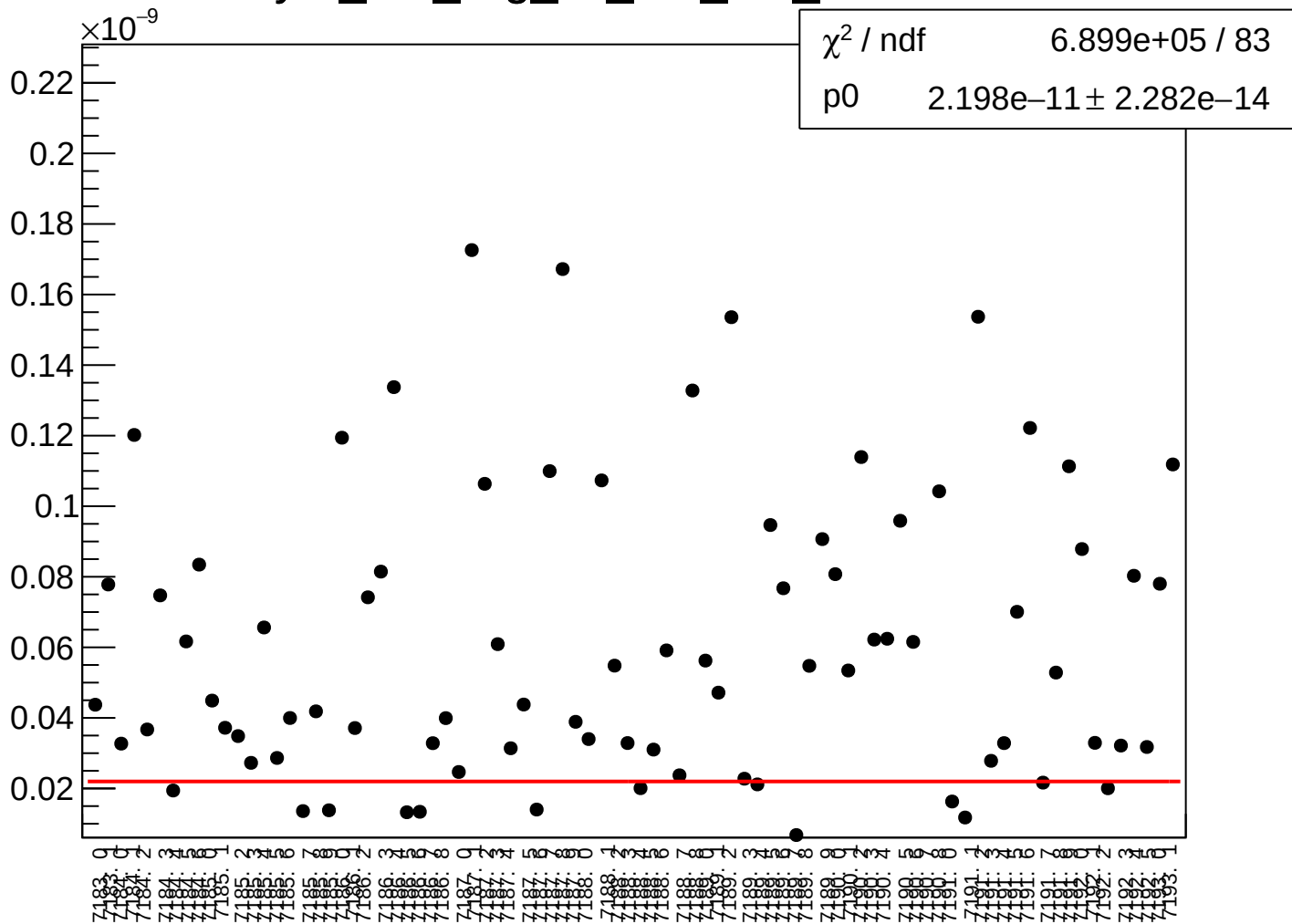
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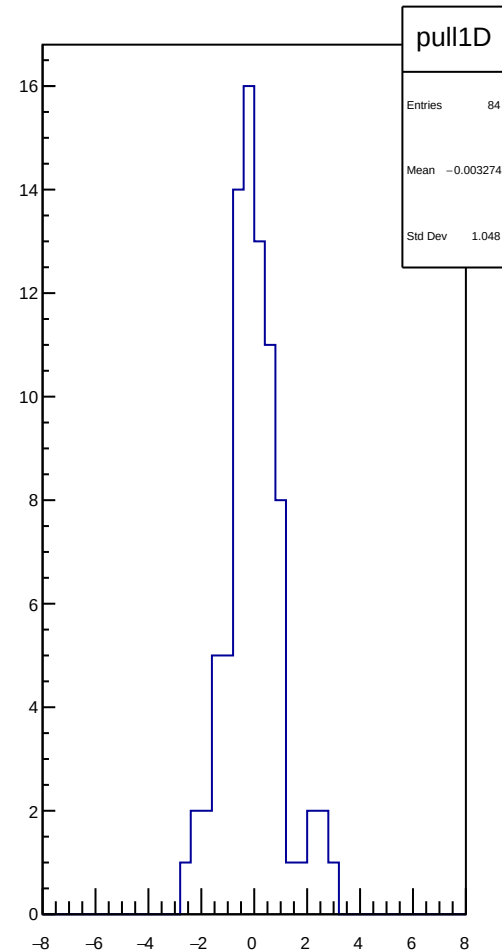
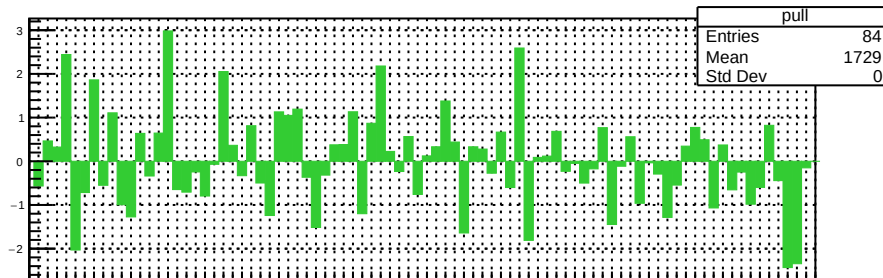
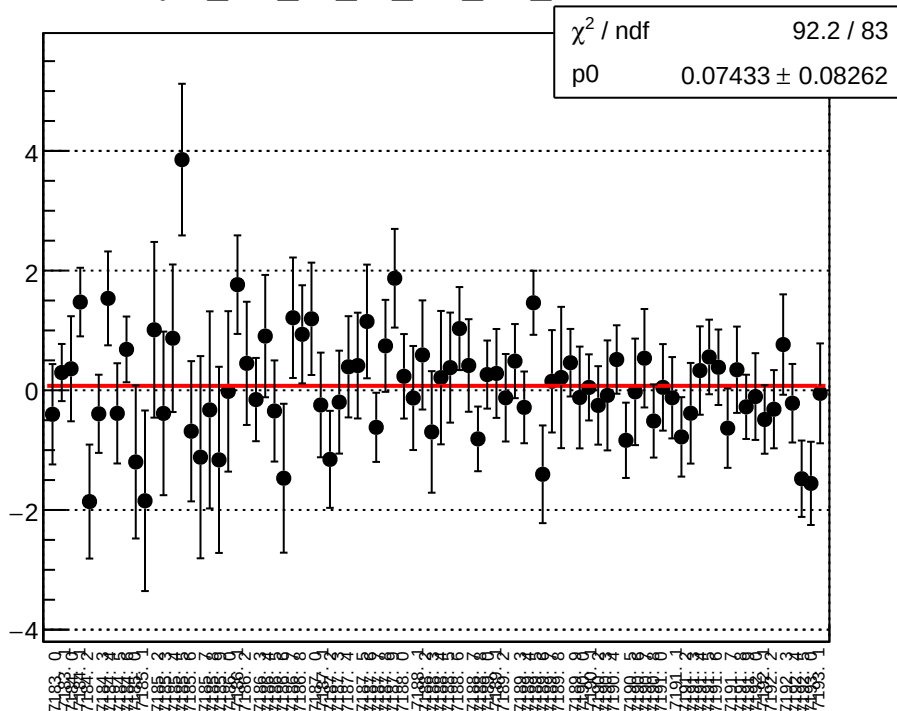
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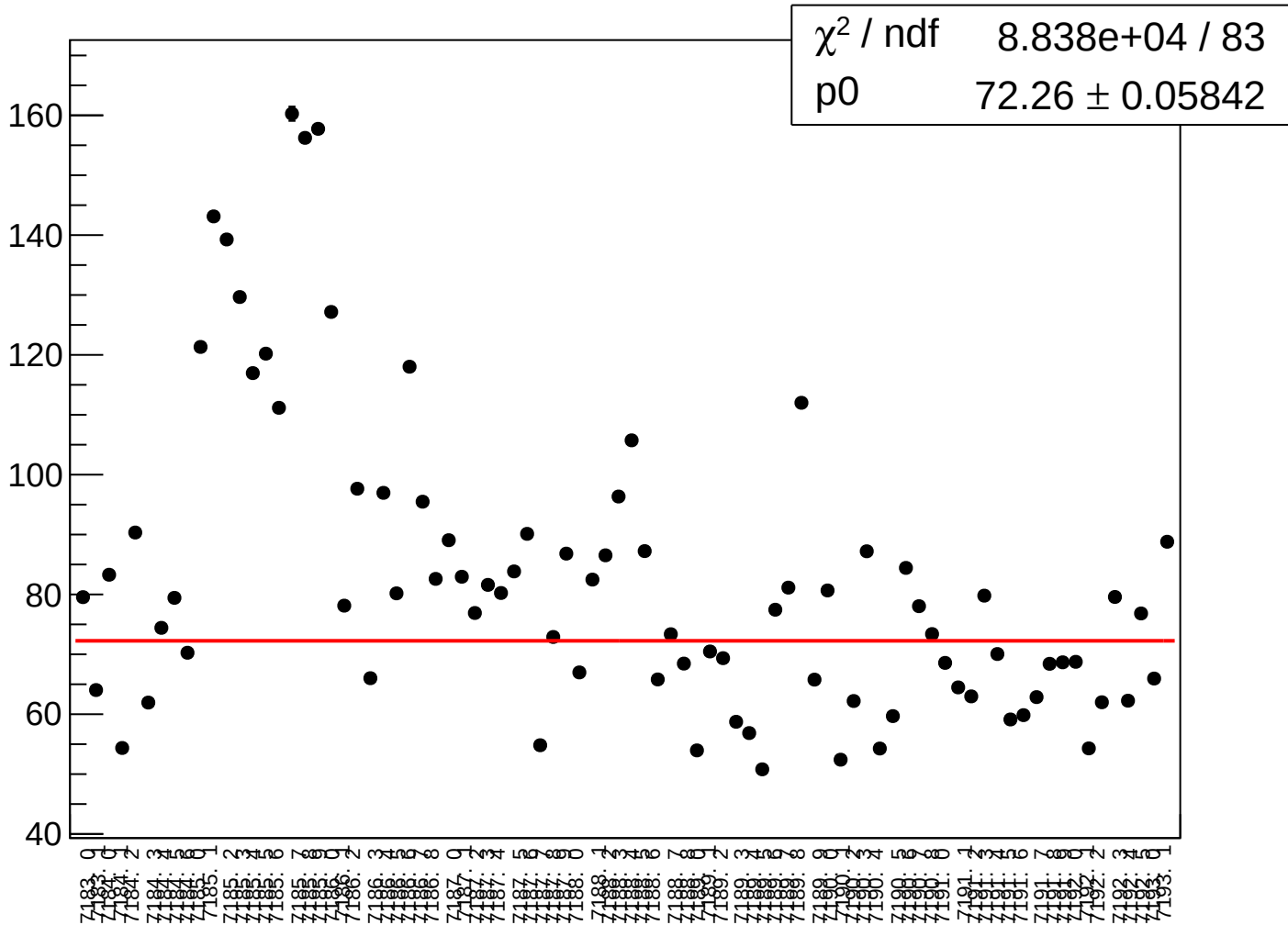
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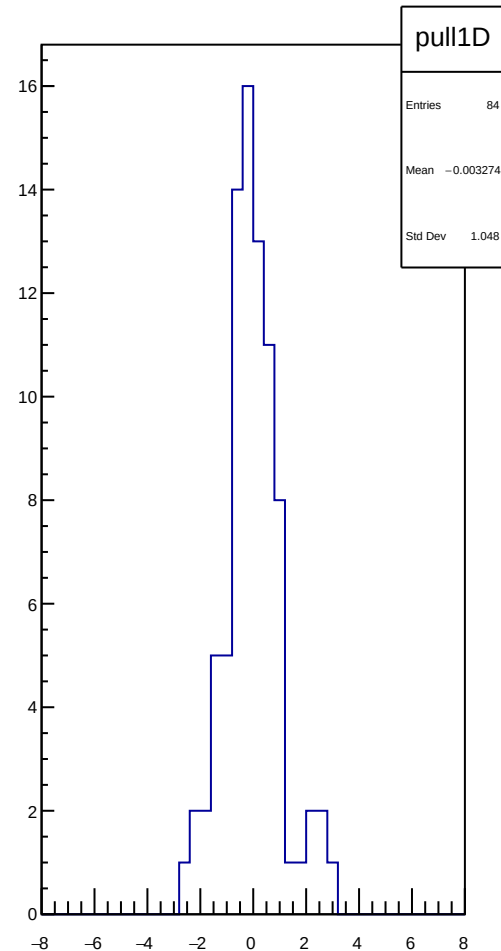
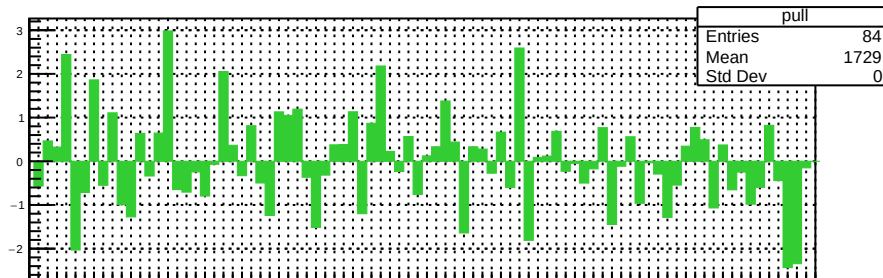
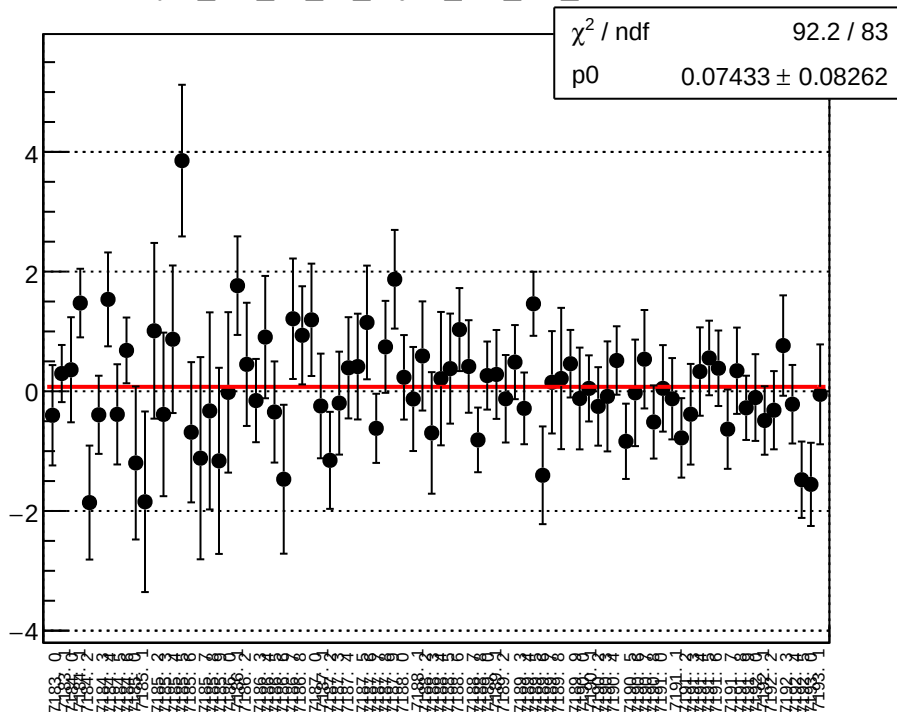
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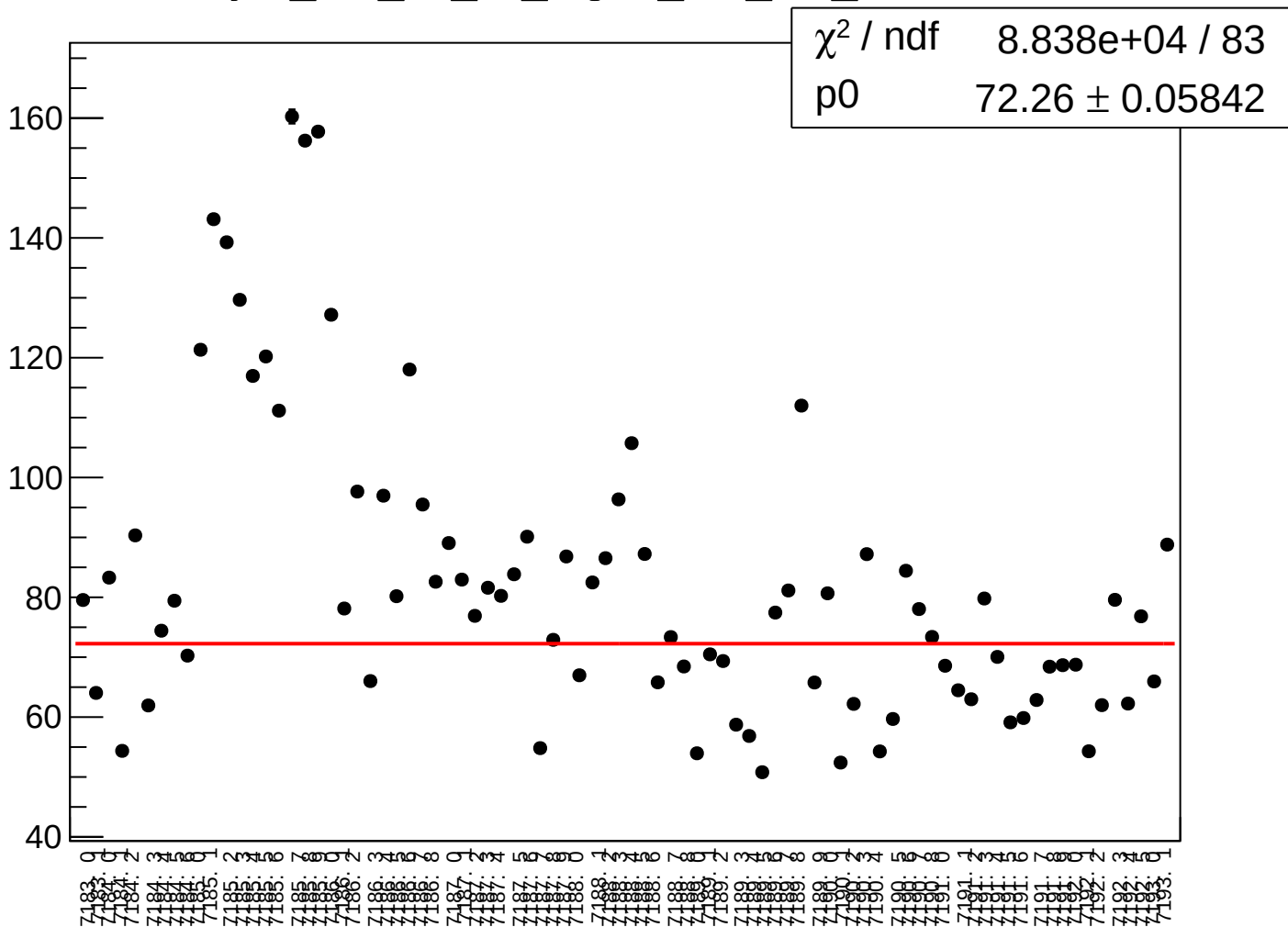
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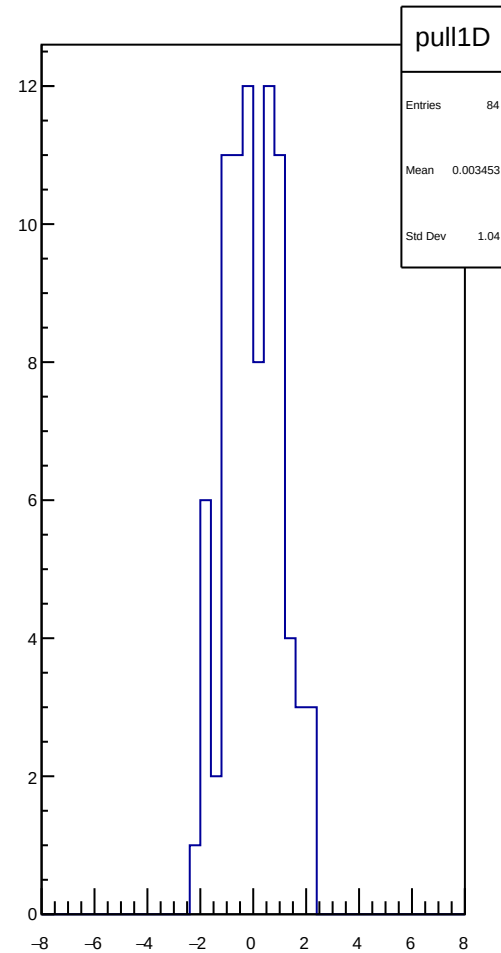
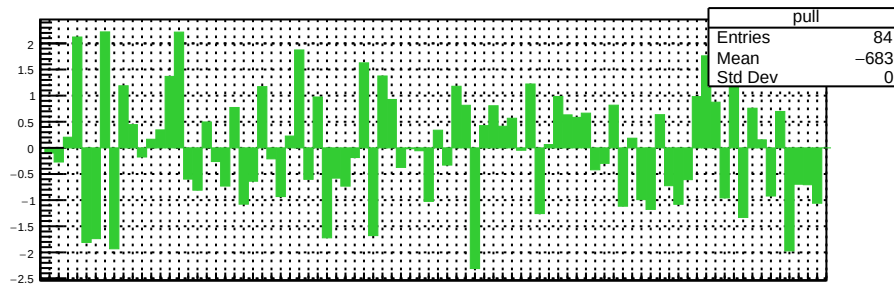
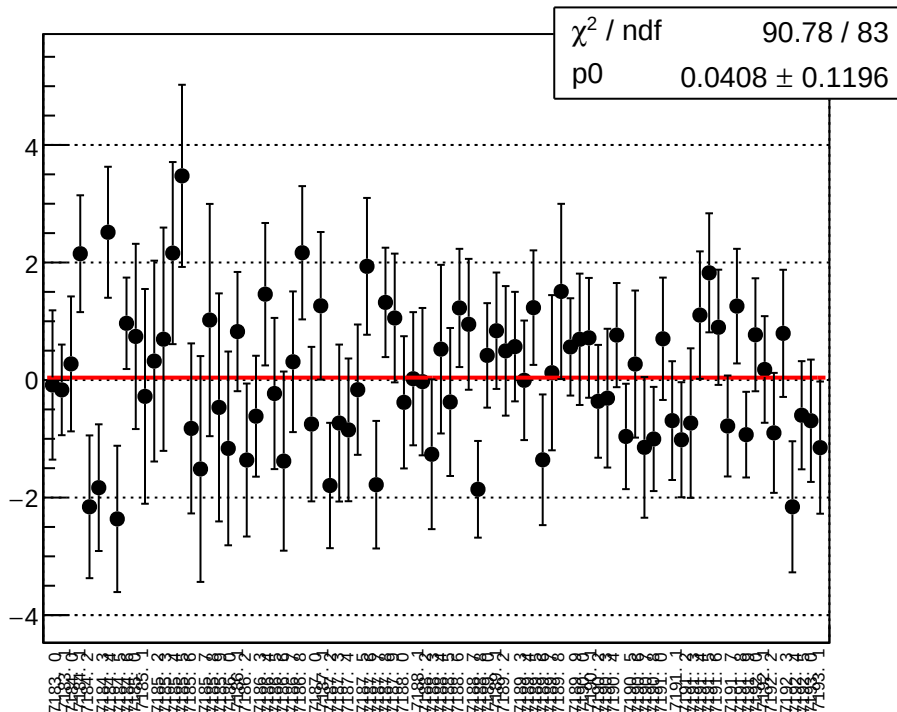
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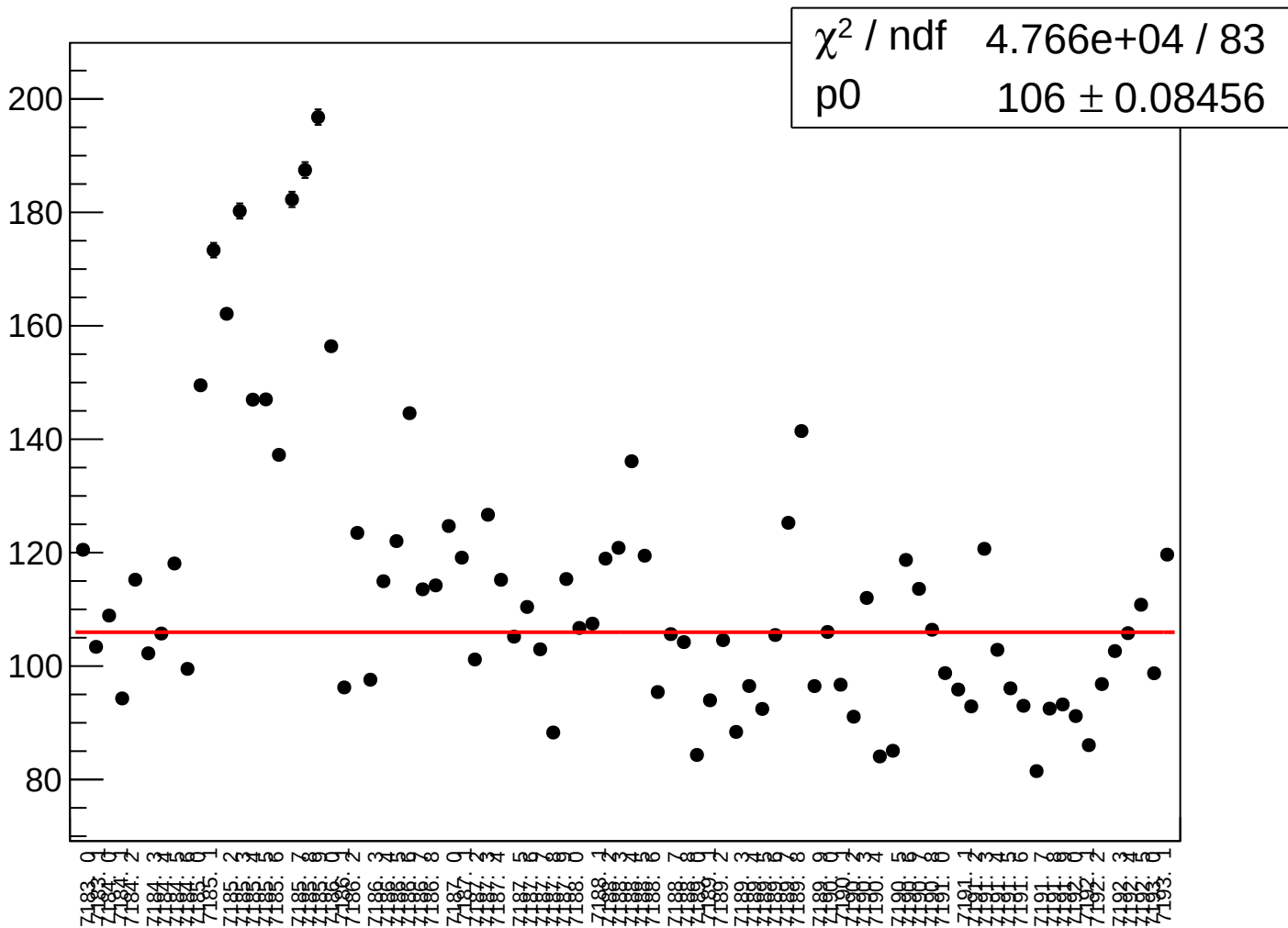
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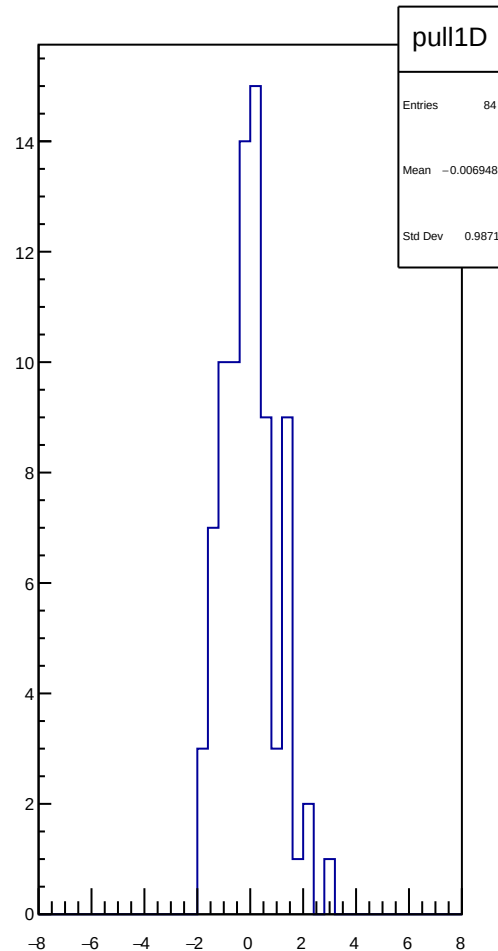
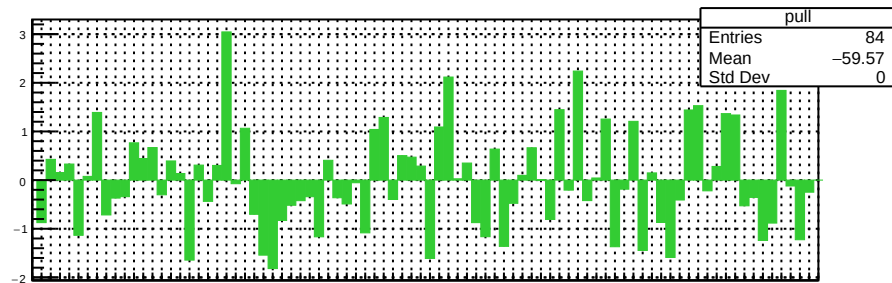
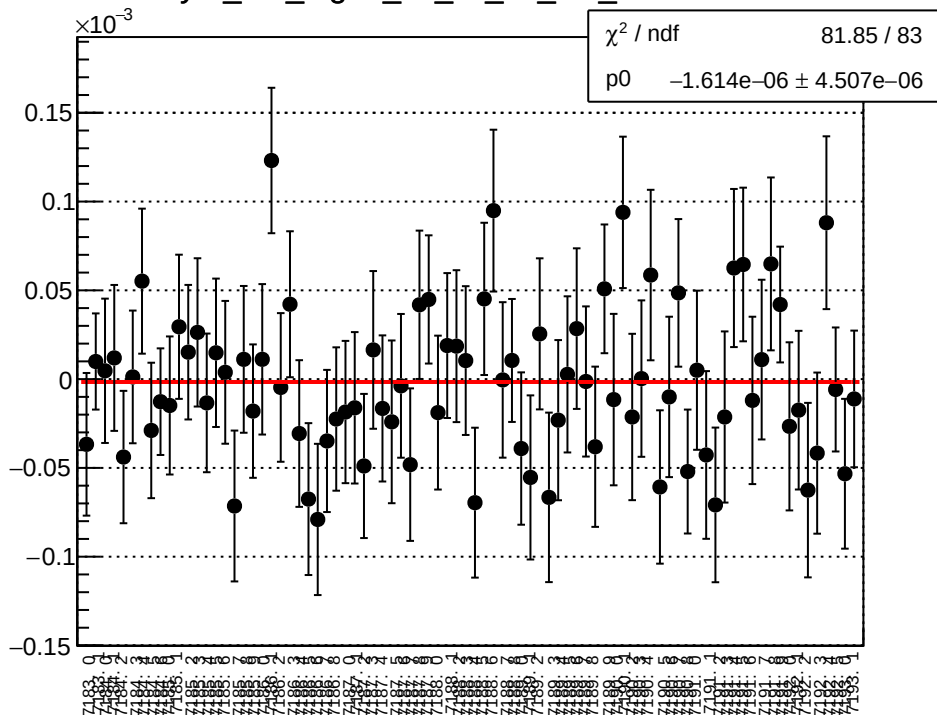
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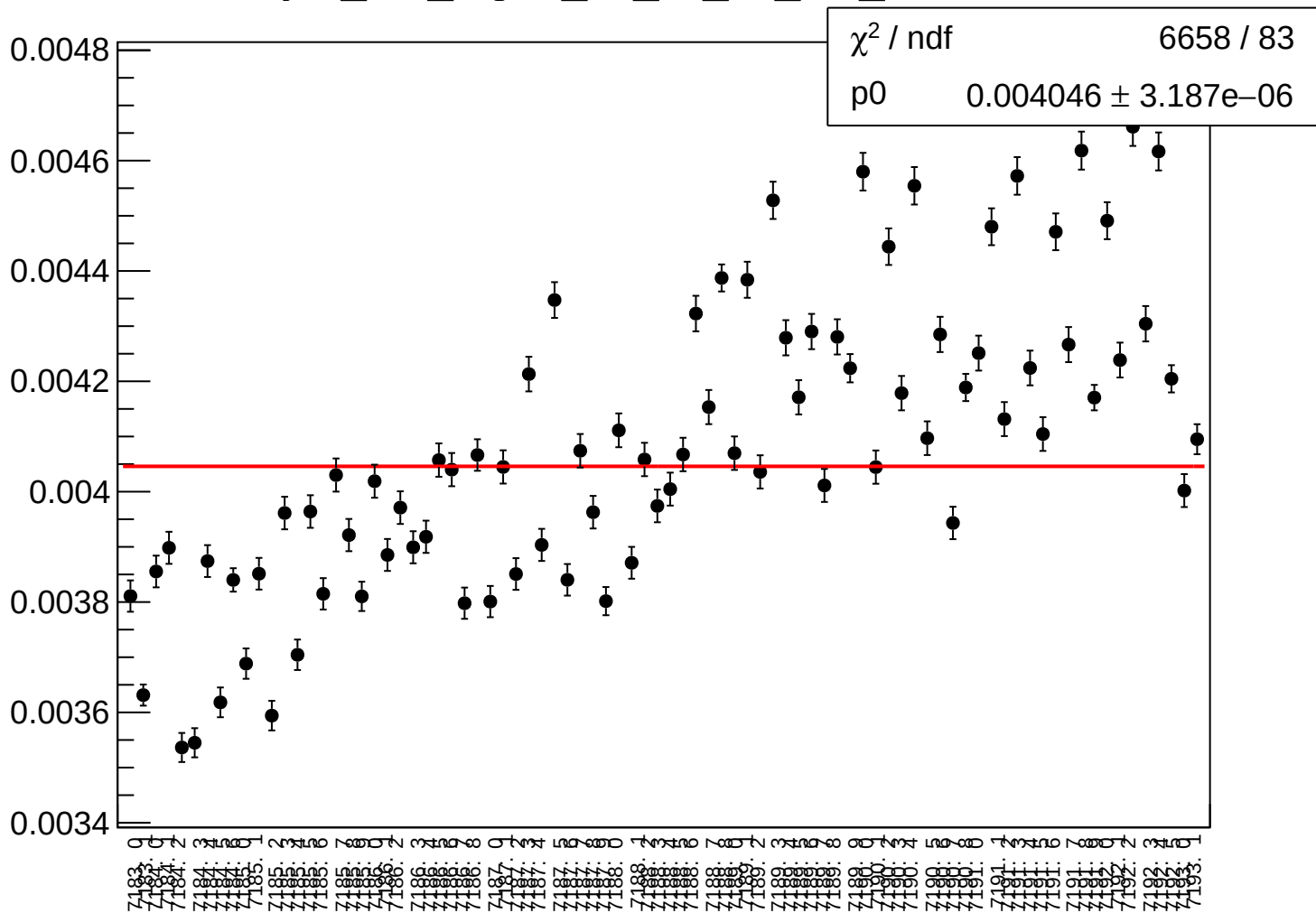
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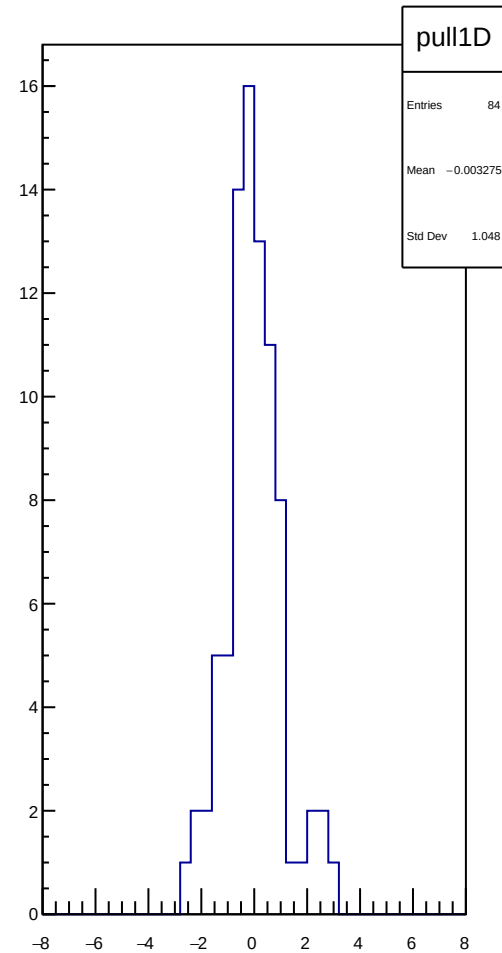
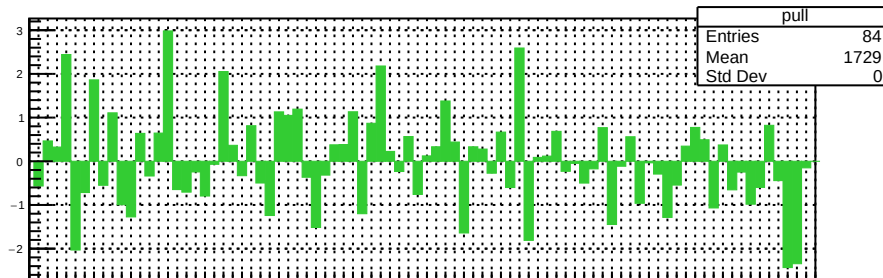
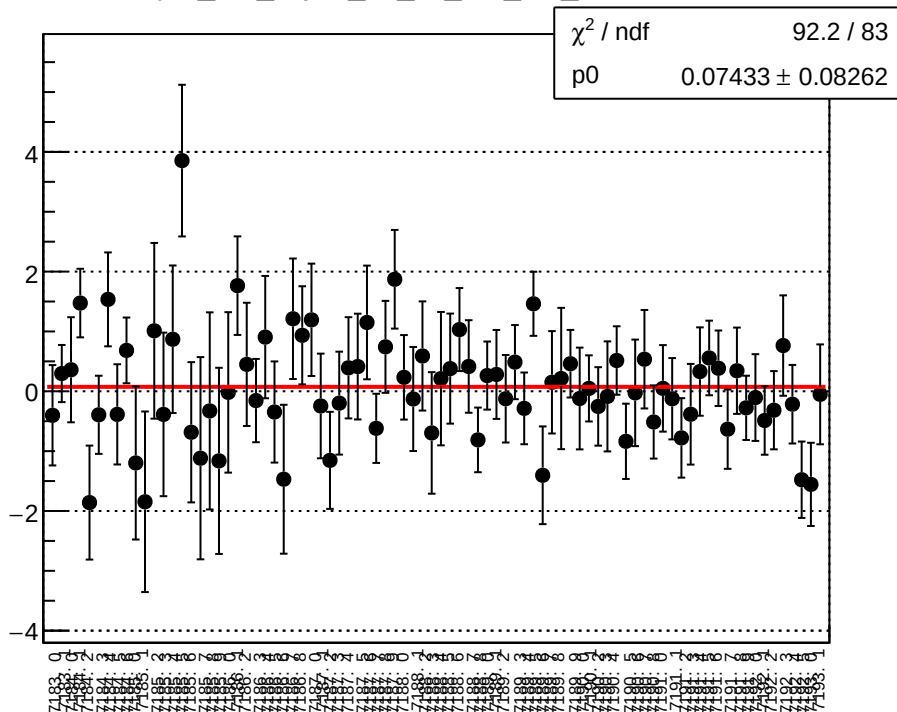
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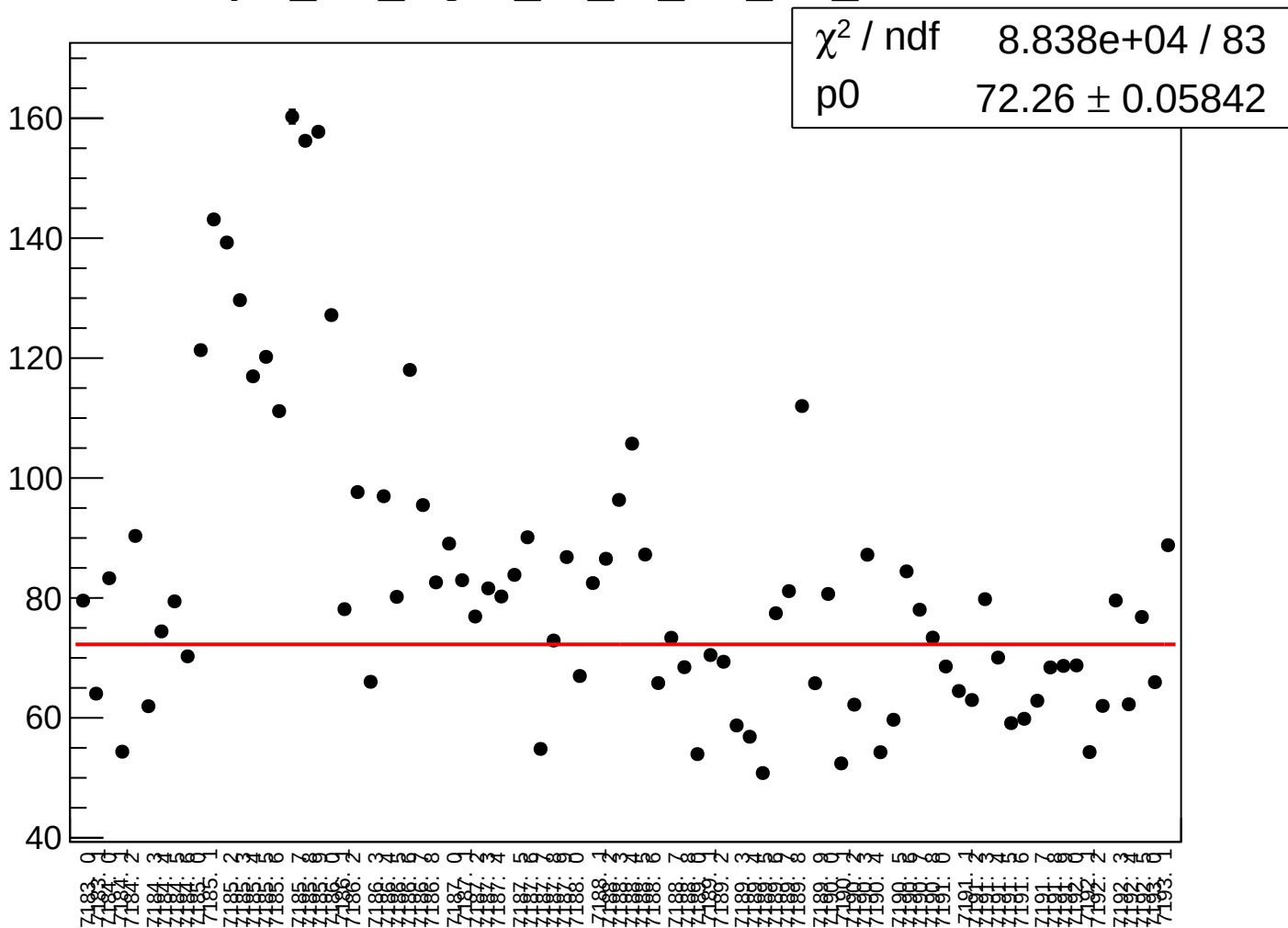
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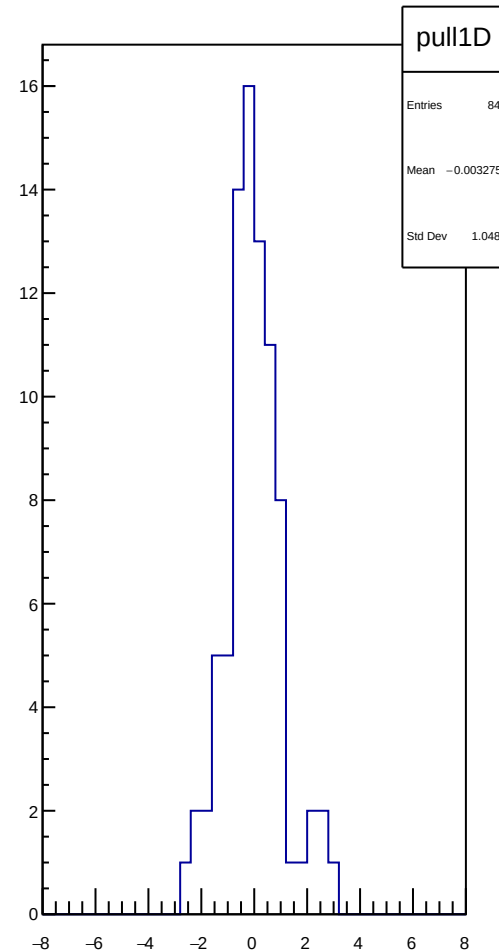
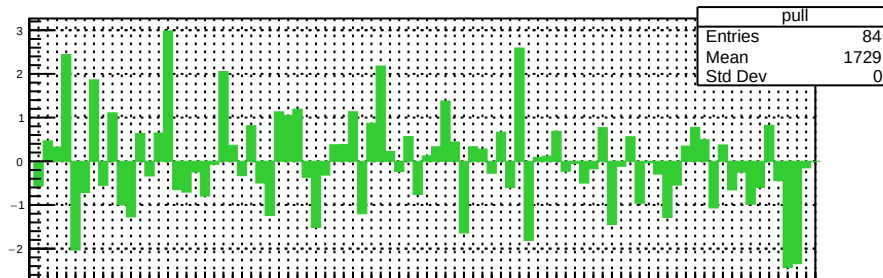
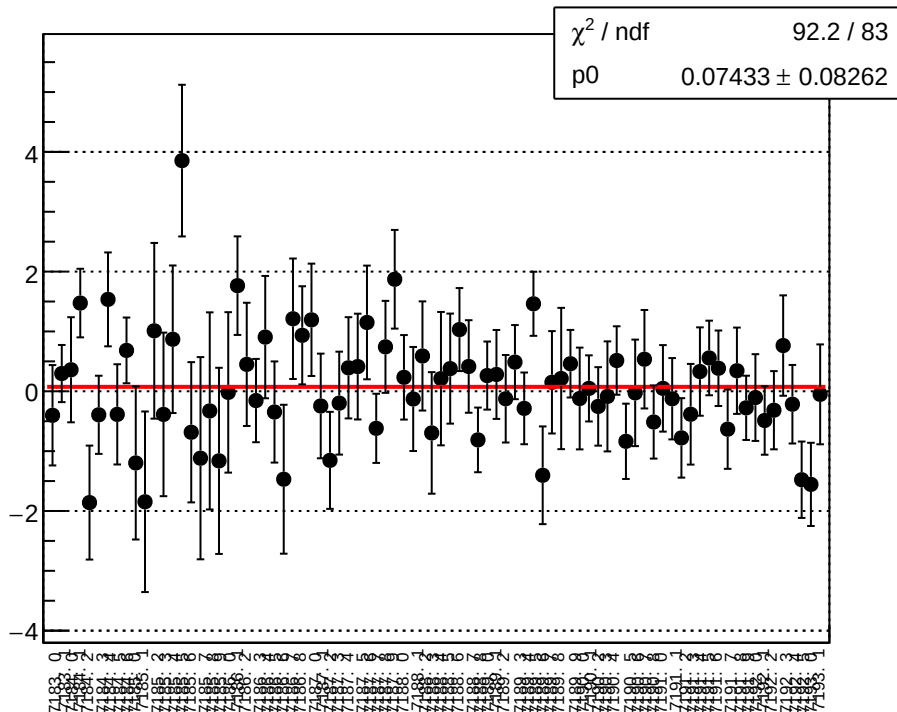
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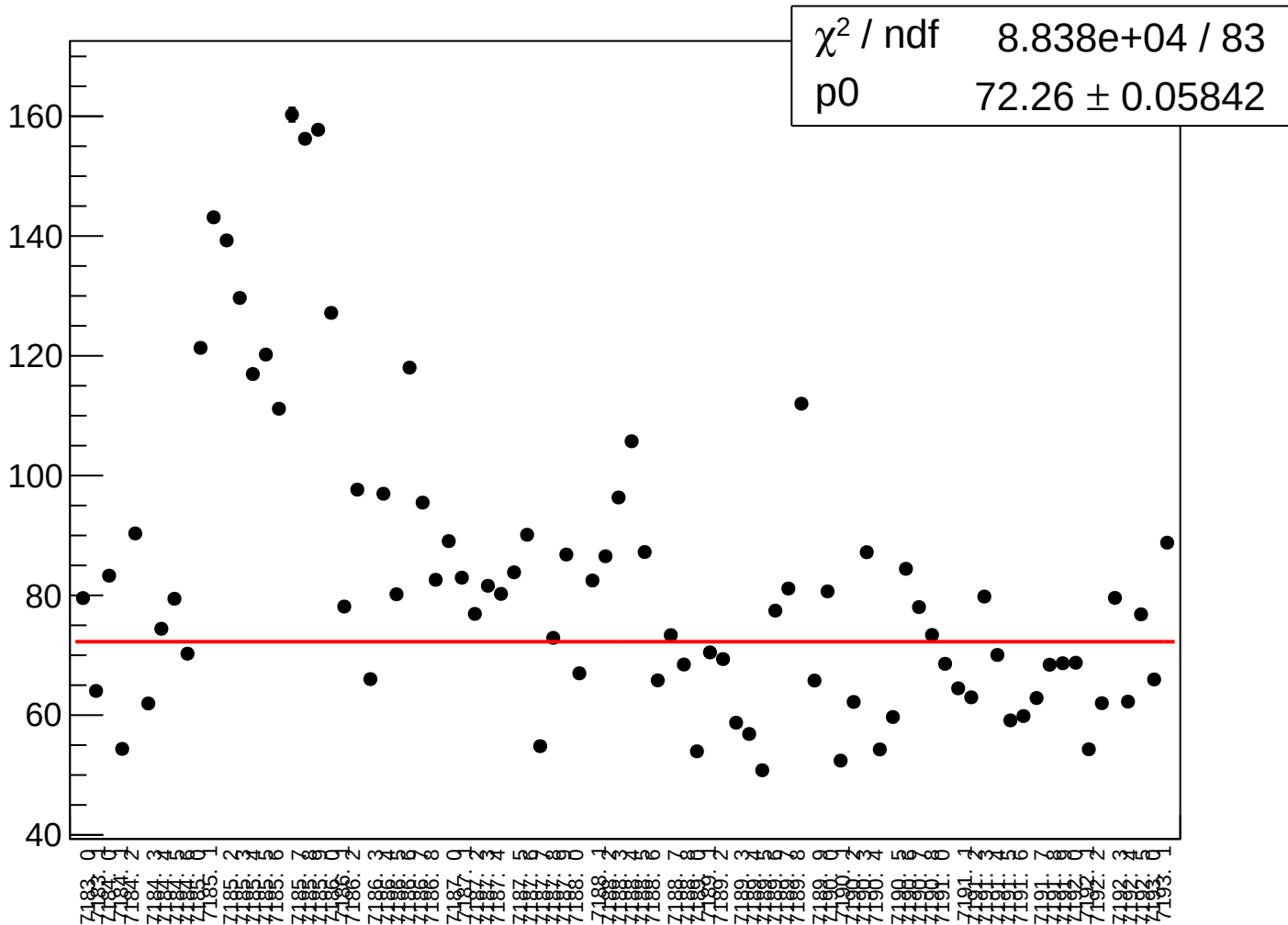
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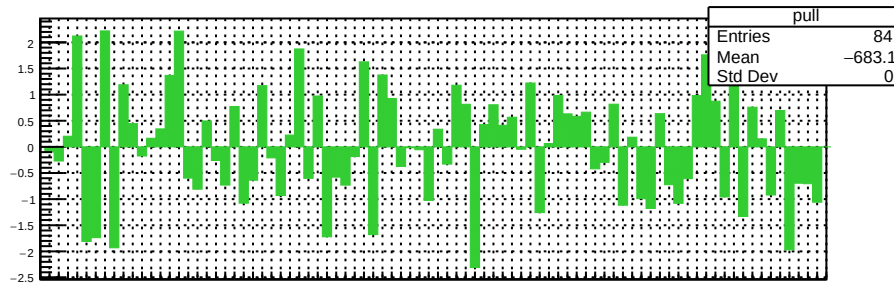
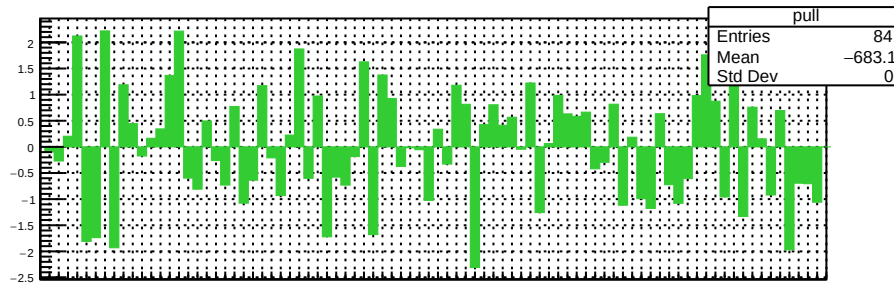
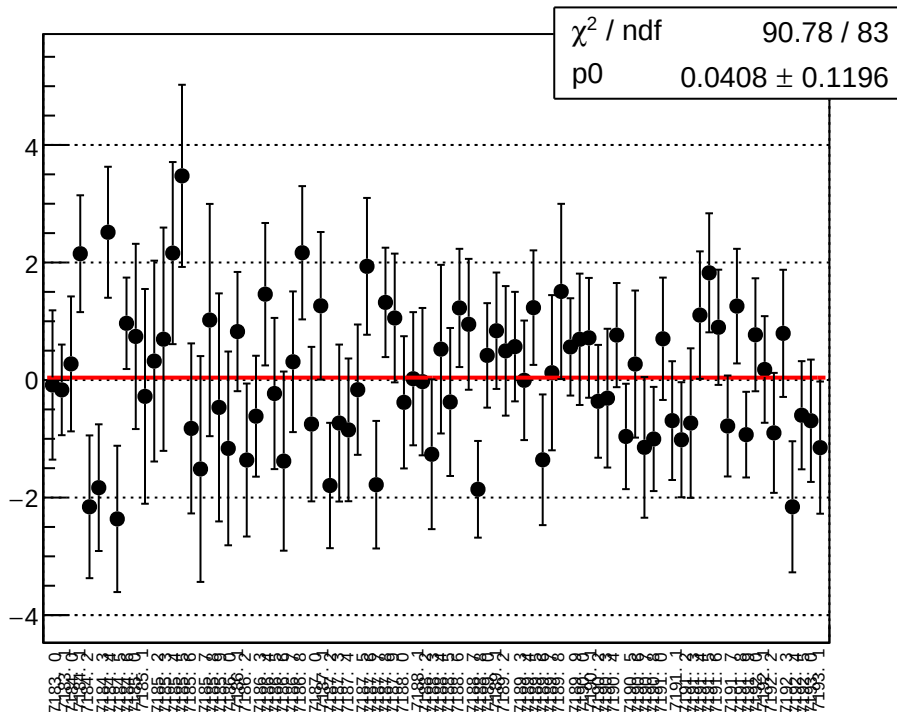
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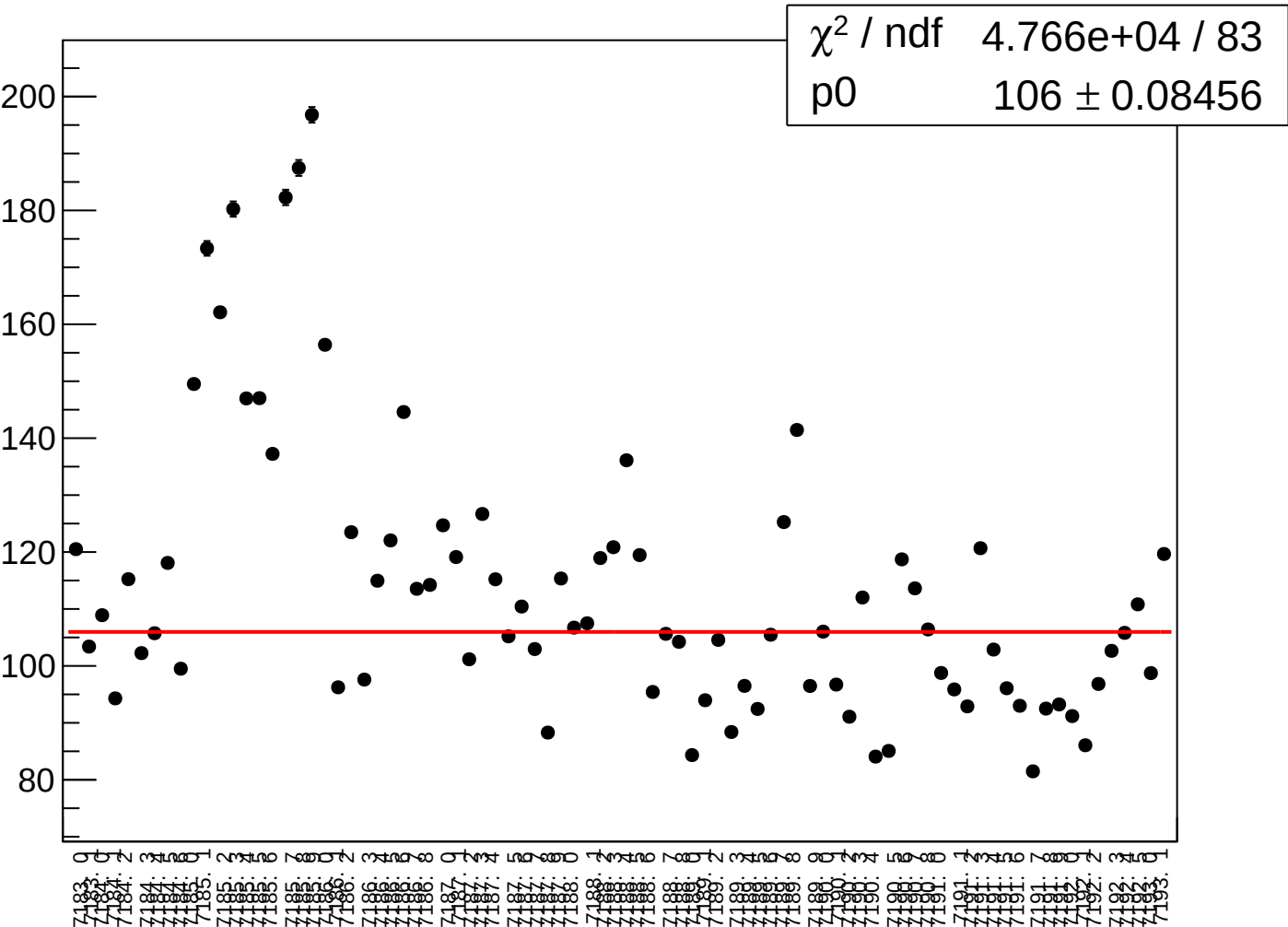
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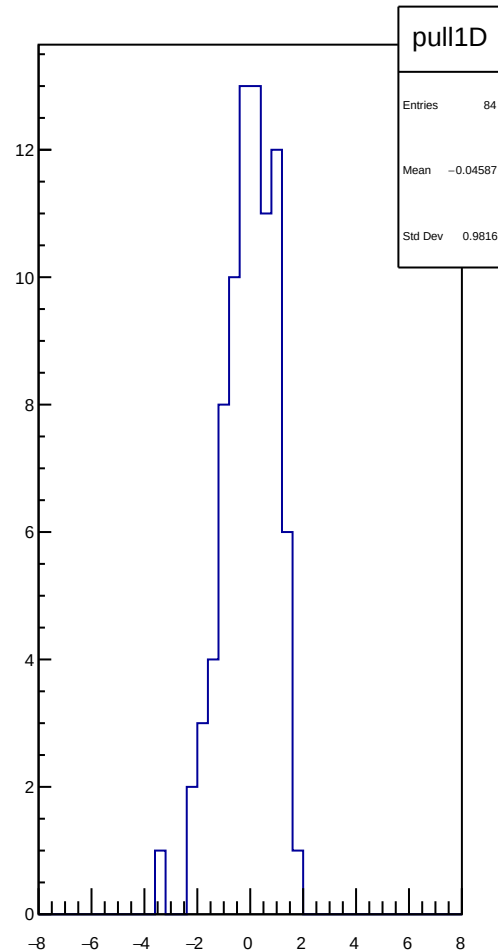
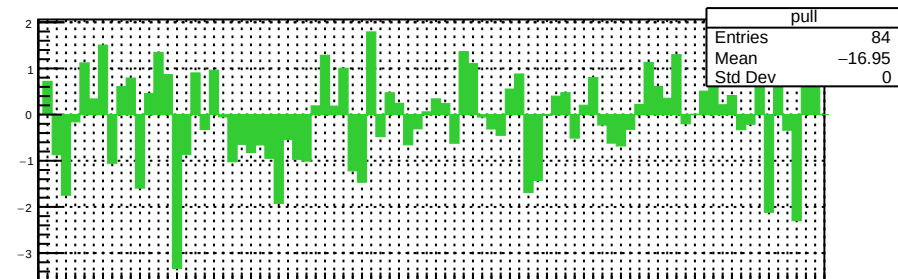
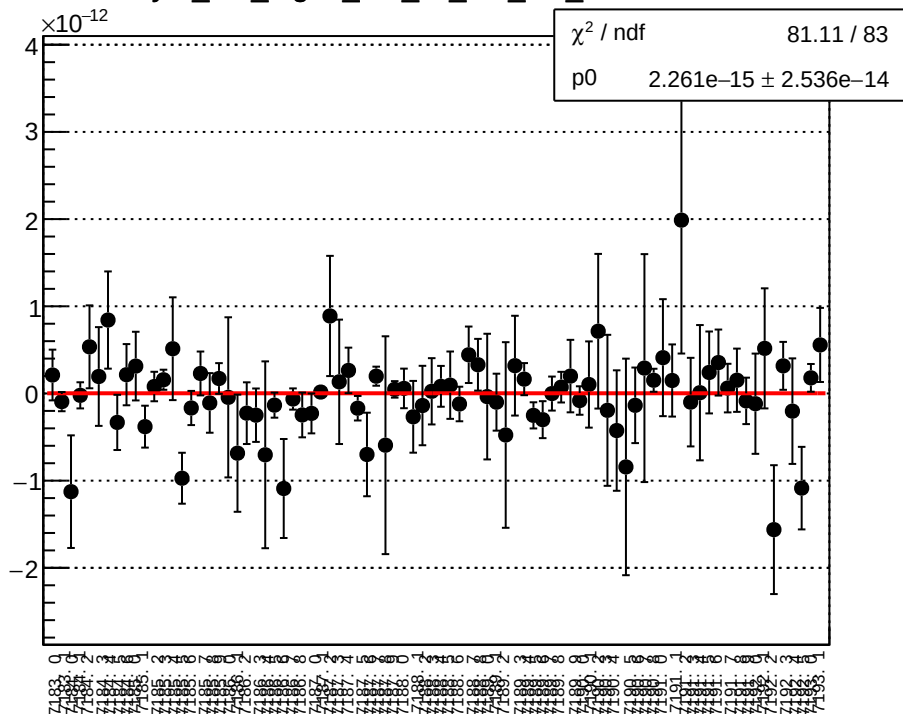
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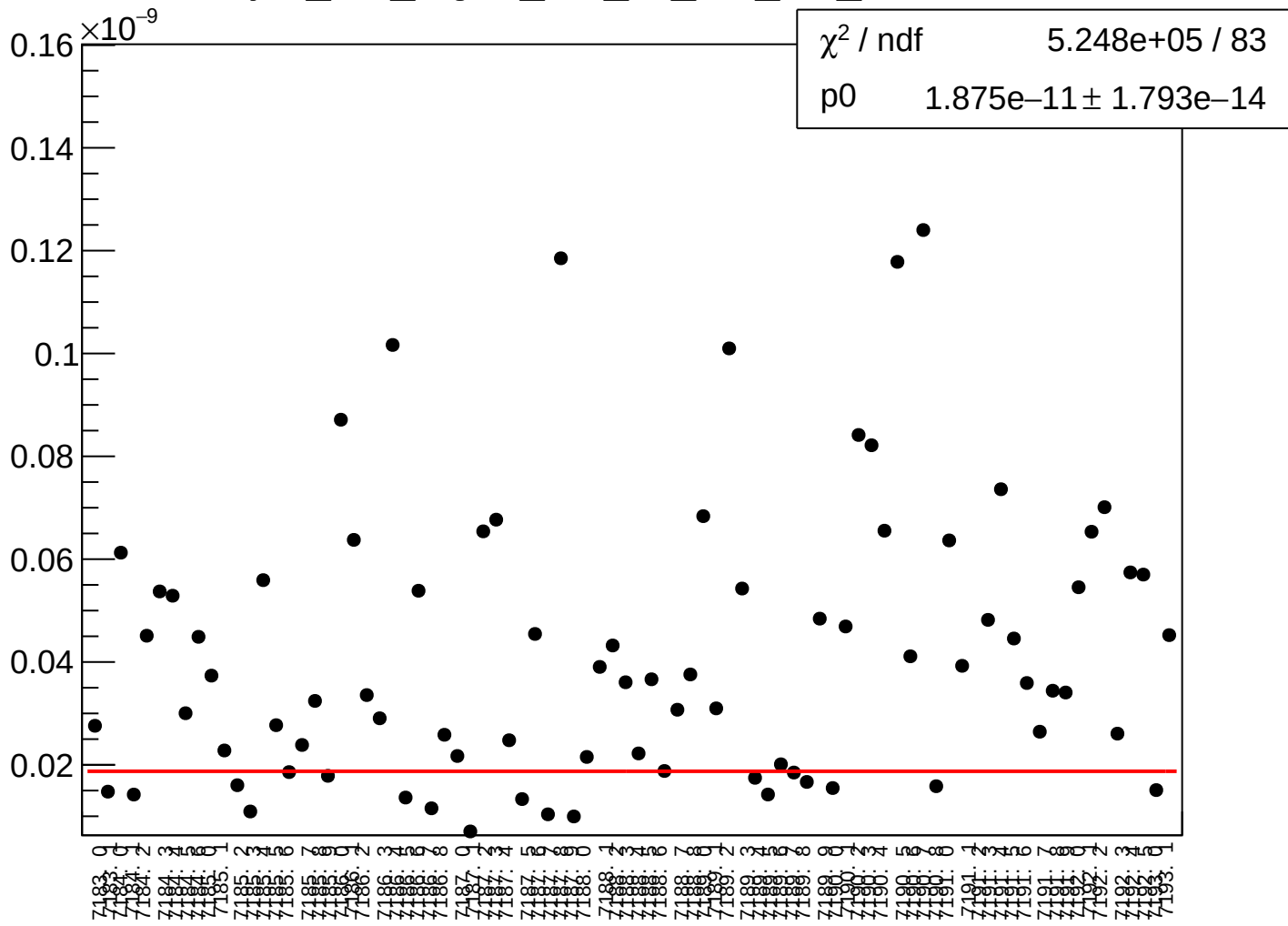
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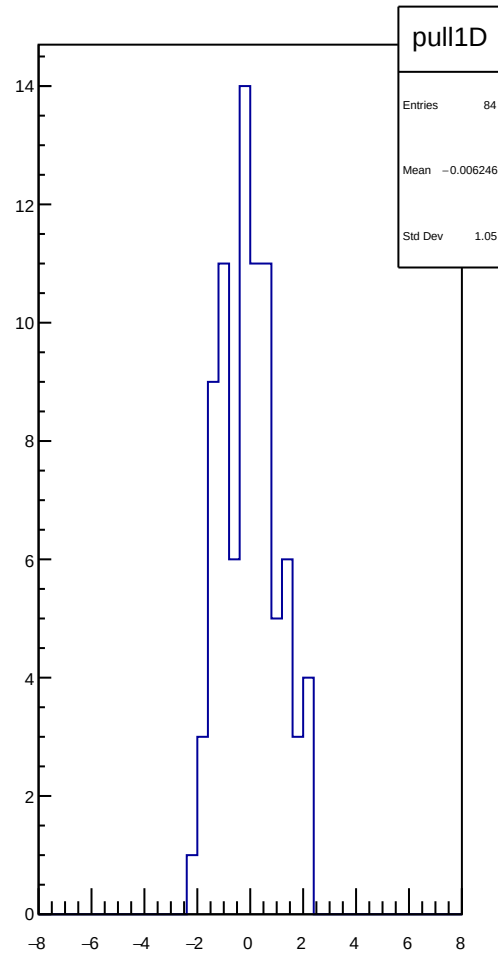
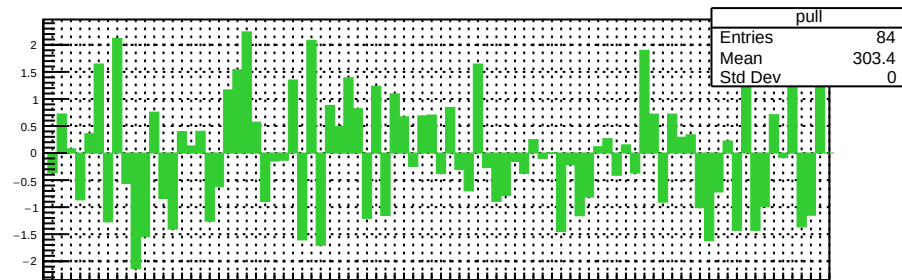
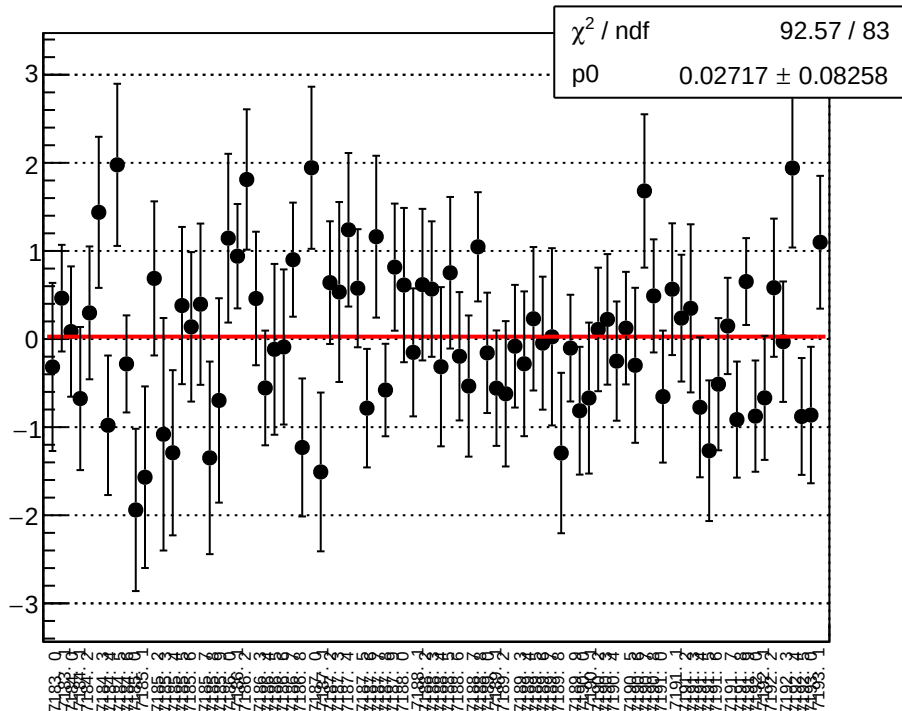
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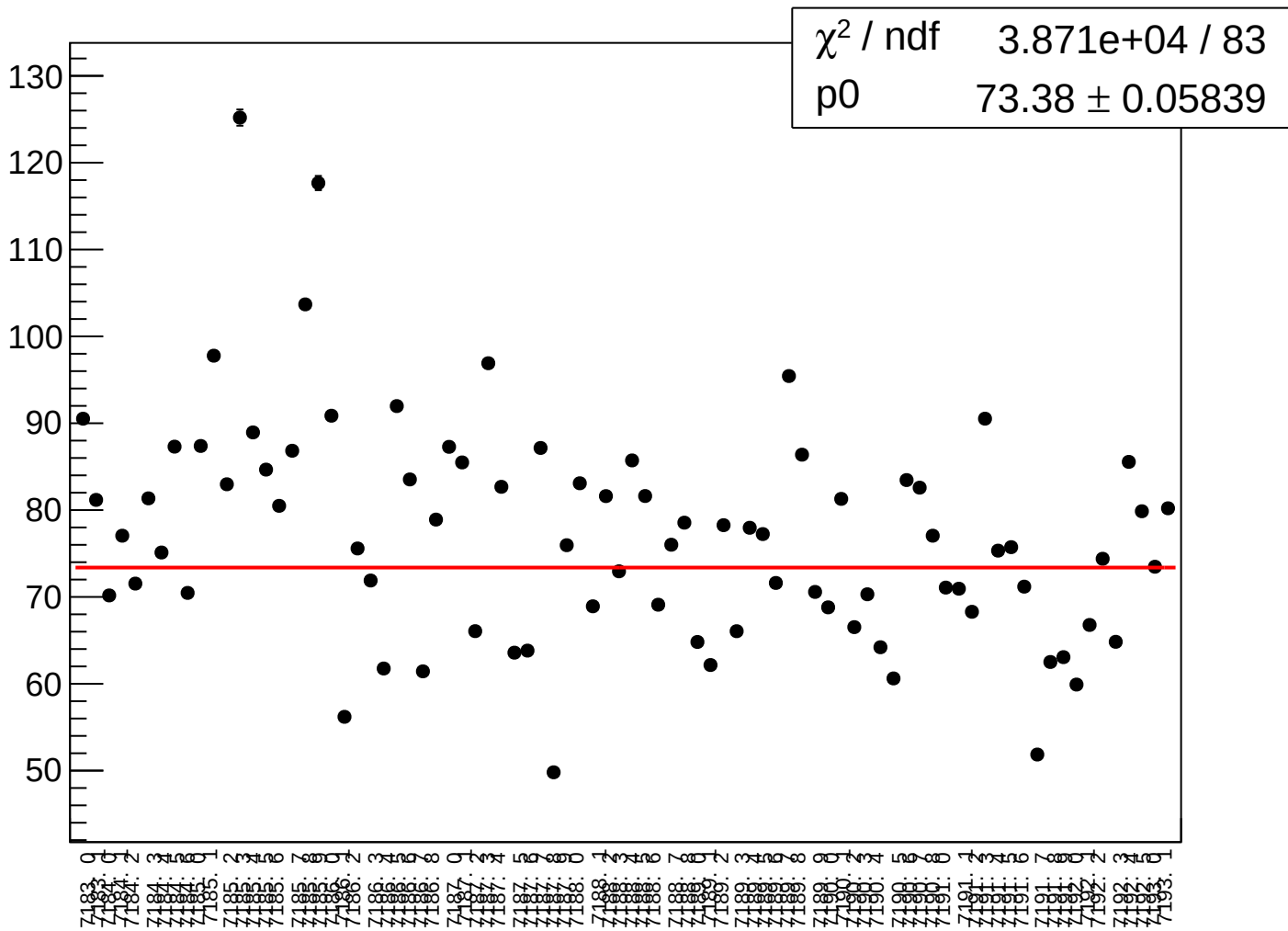
asym usr eigen cor vs cor diff rms vs run



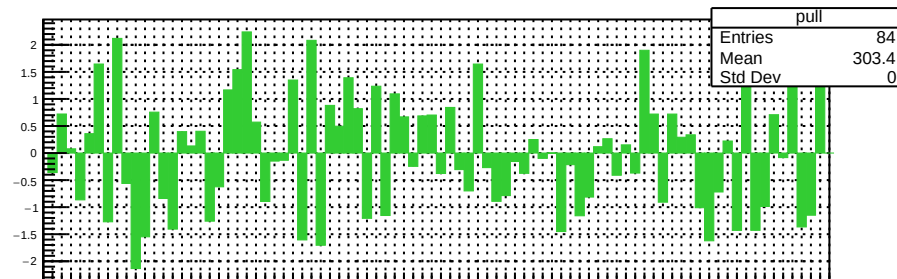
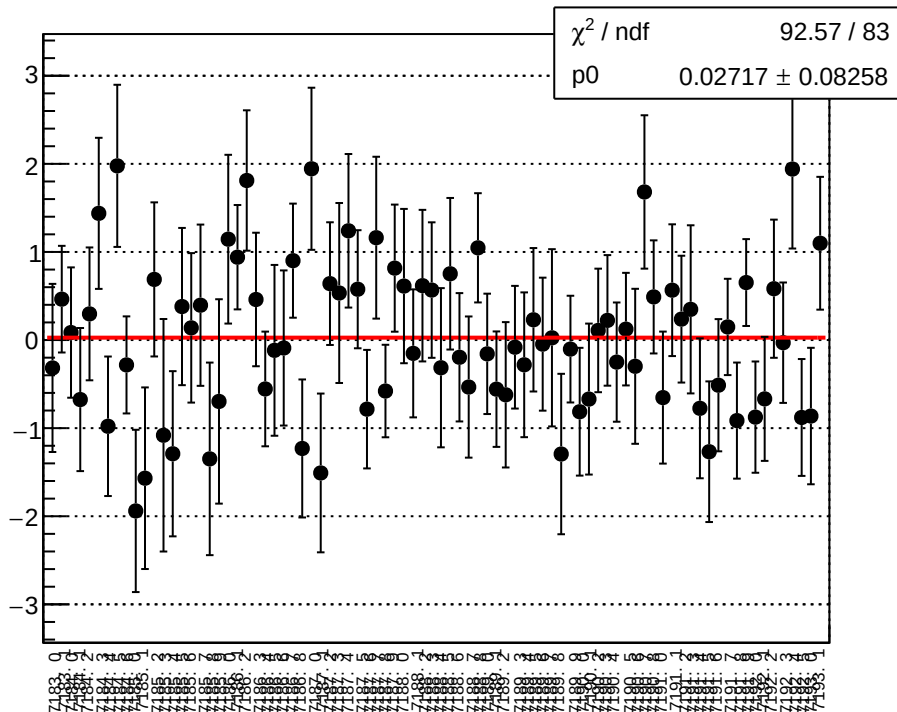
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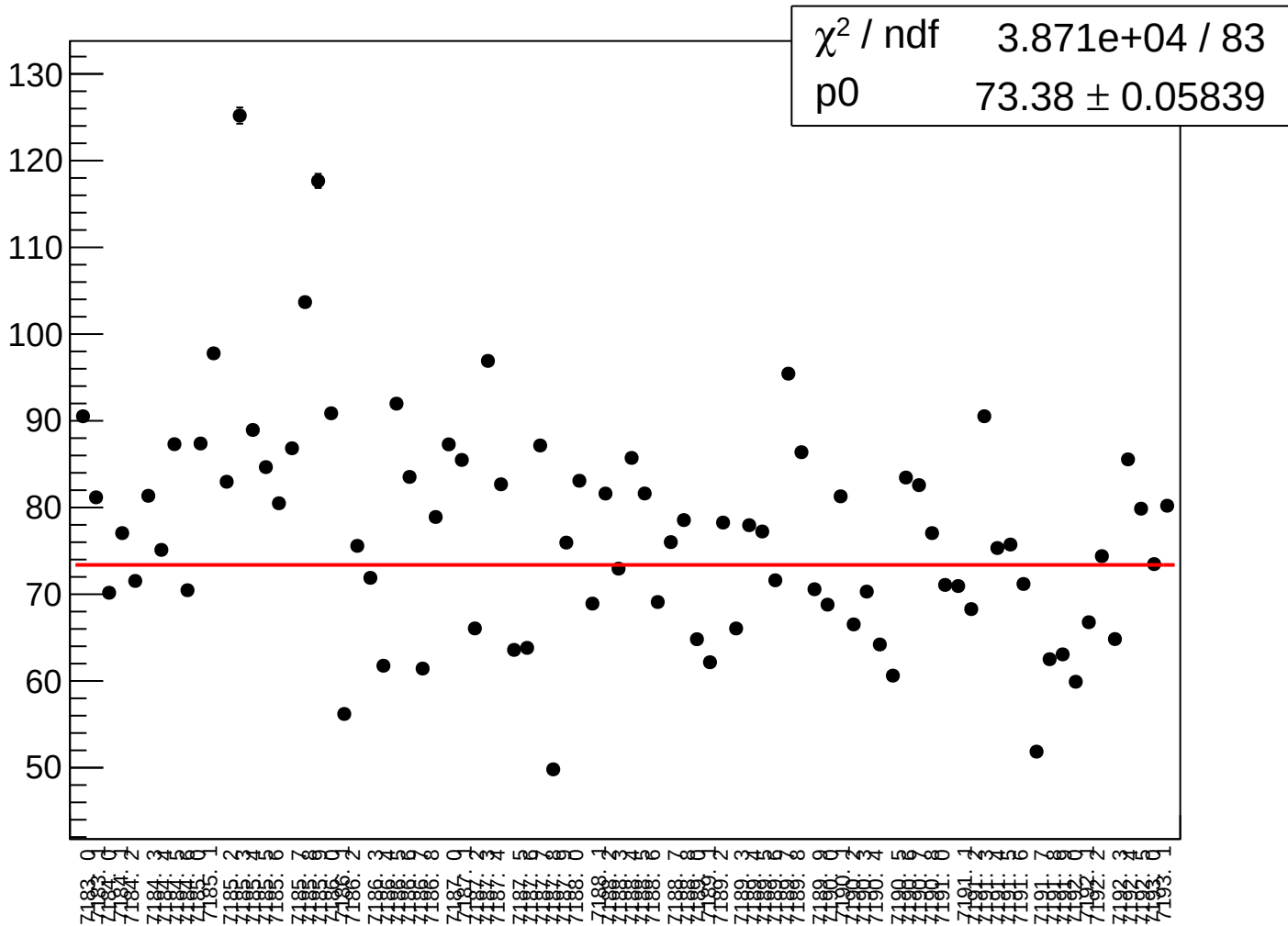
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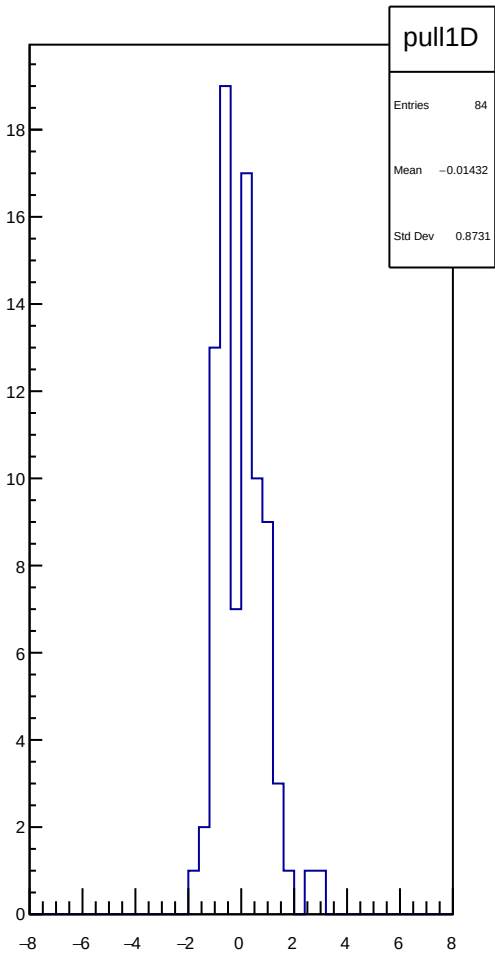
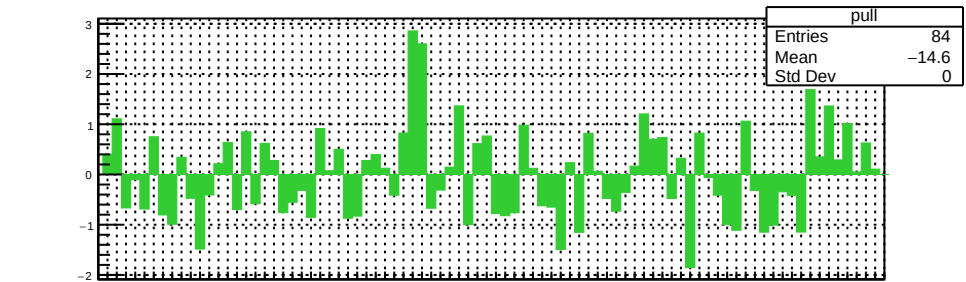
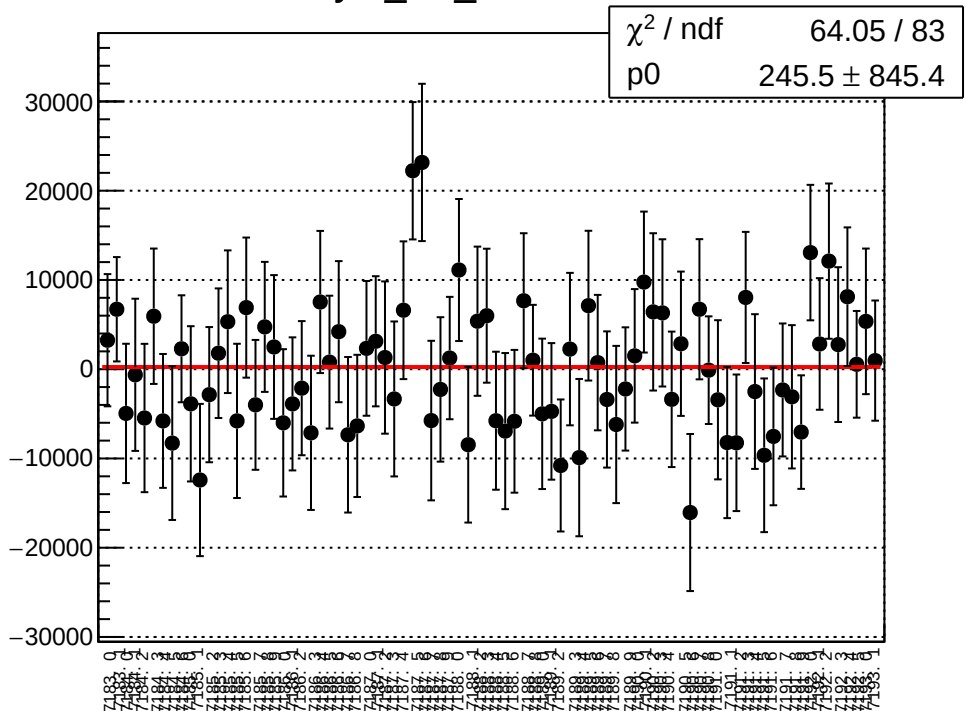
asym_usr_overload_cor_vs_eigen_cor_diff_mean vs run



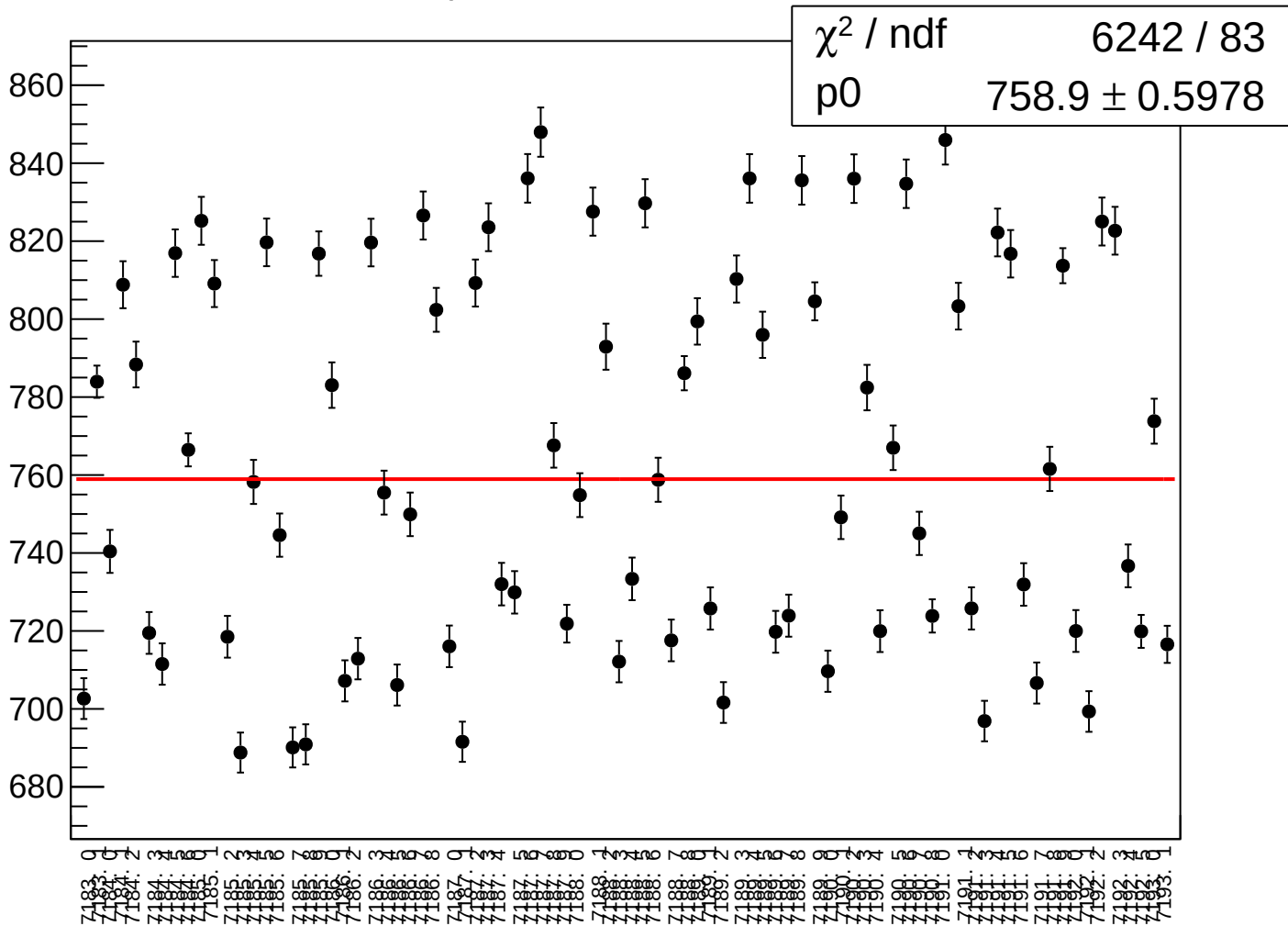
asym_usr_overload_cor_vs_eigen_cor_diff_rms vs run



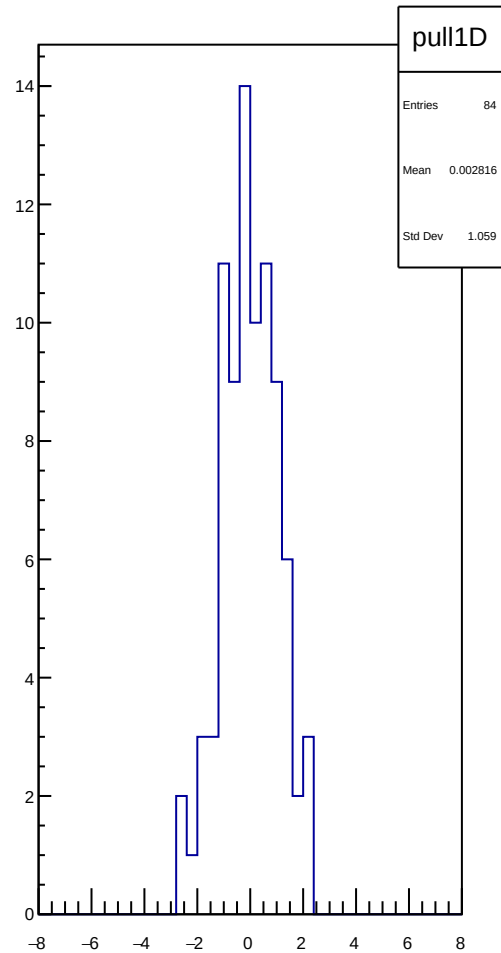
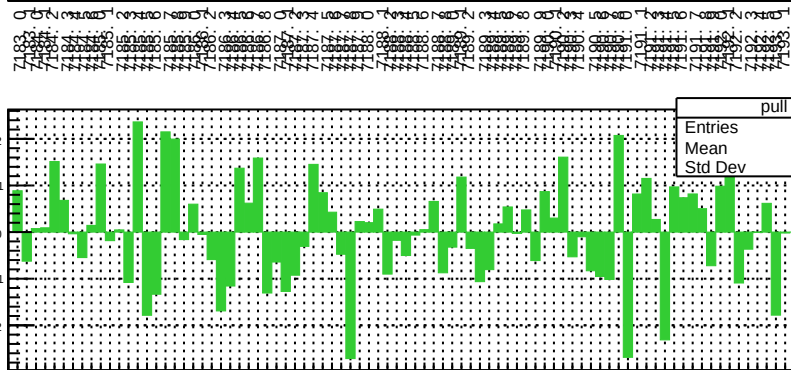
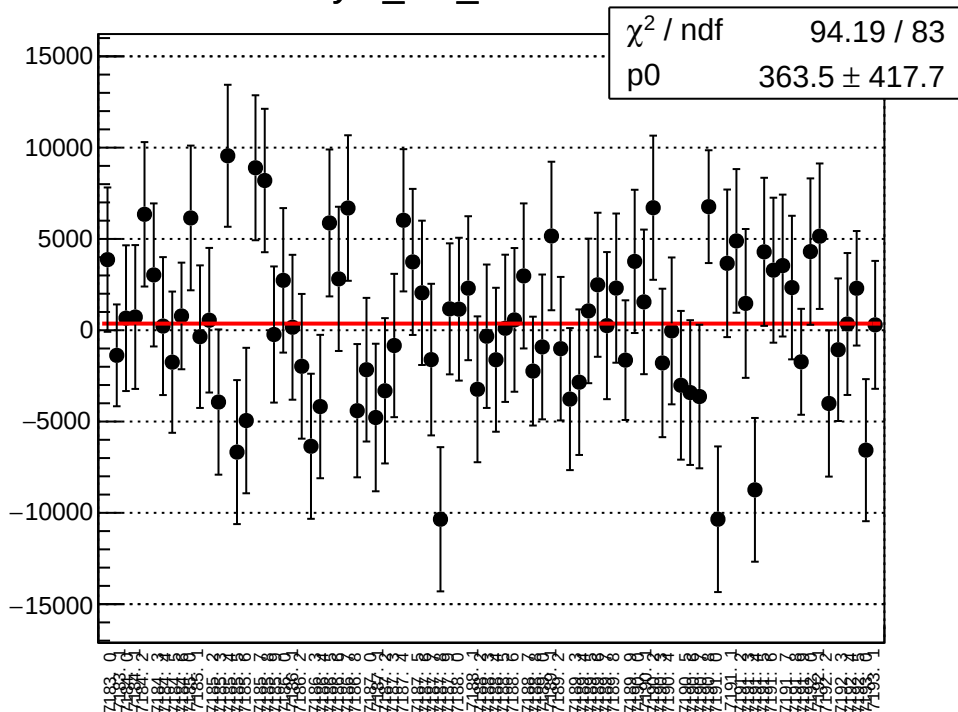
asym_dsl_mean vs run



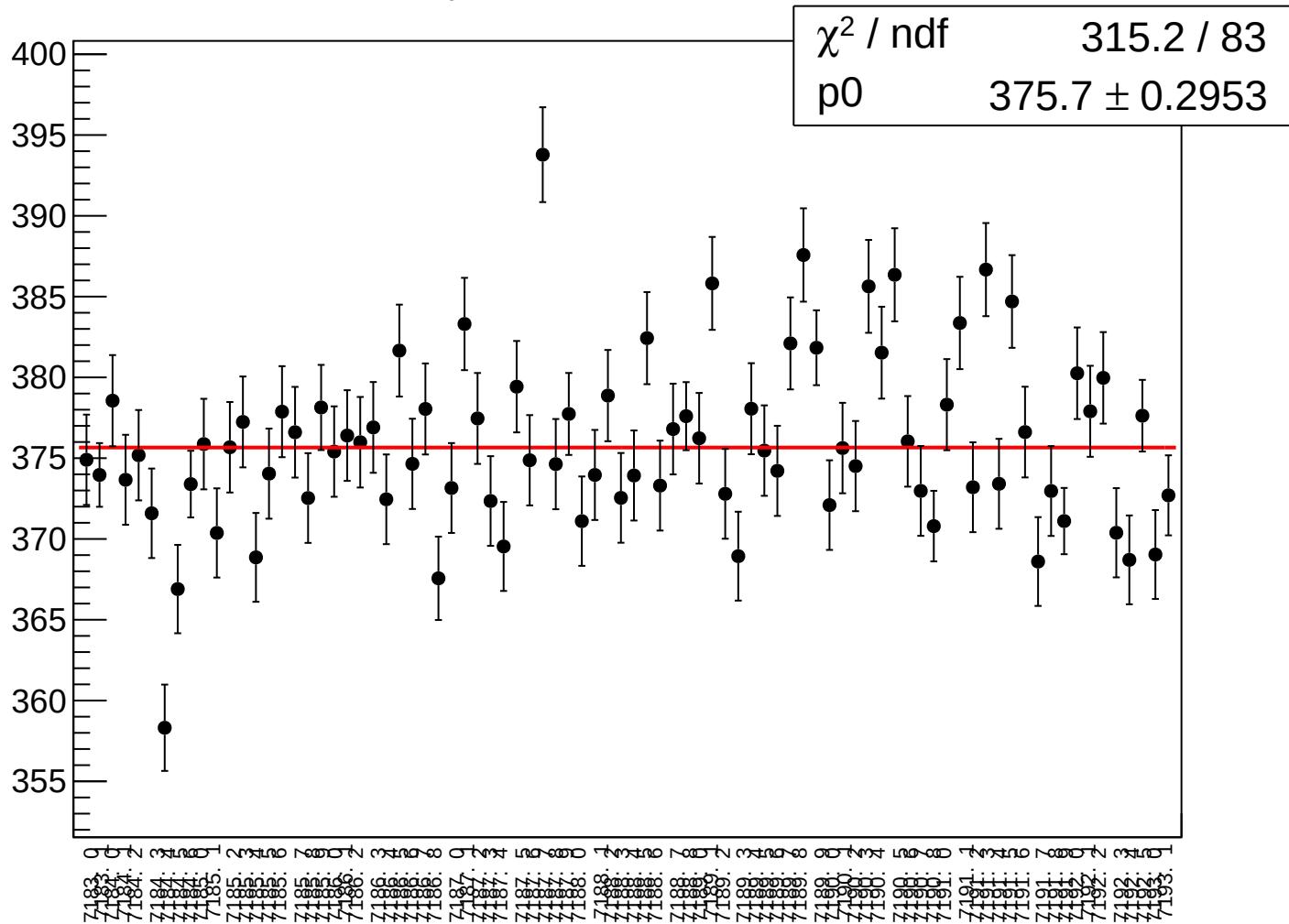
asym_dsl_rms vs run



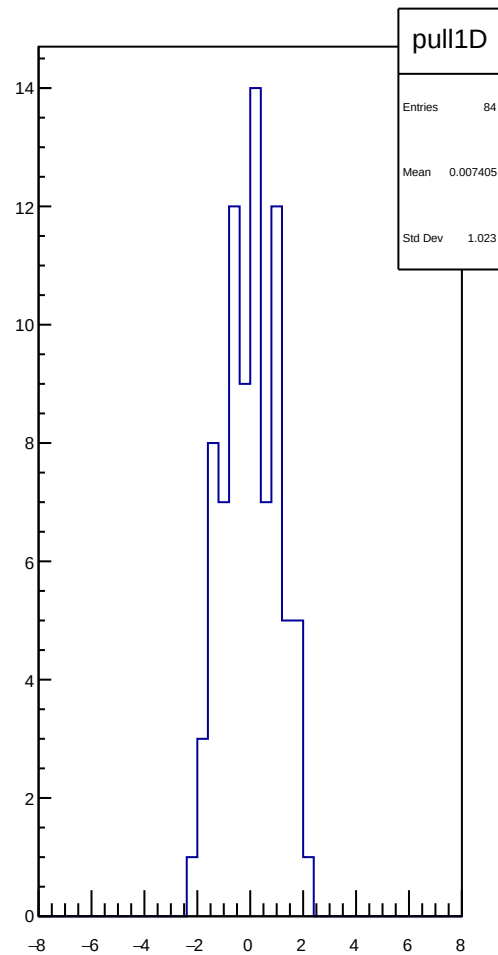
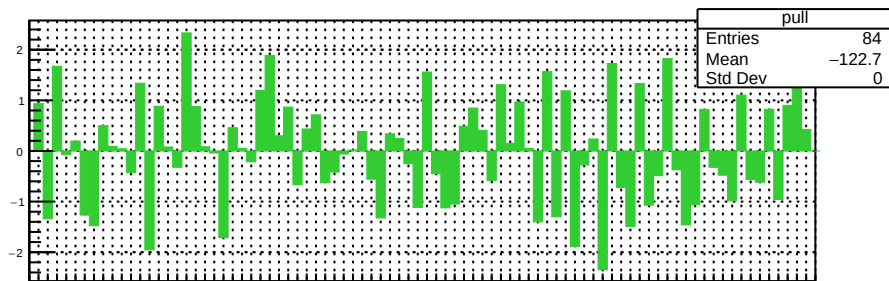
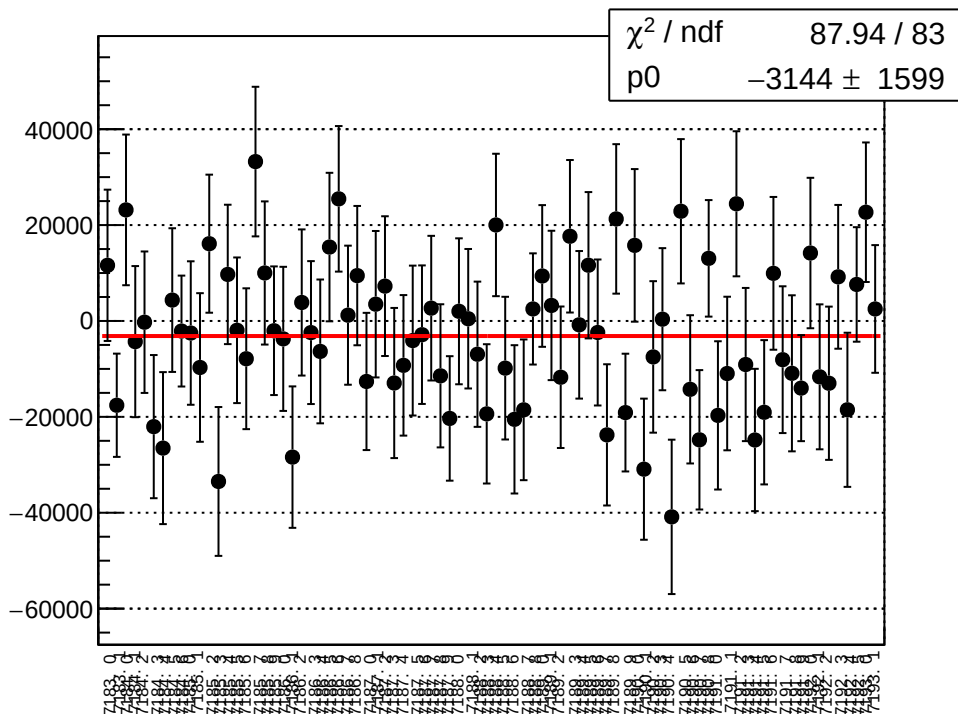
asym_dsr_mean vs run



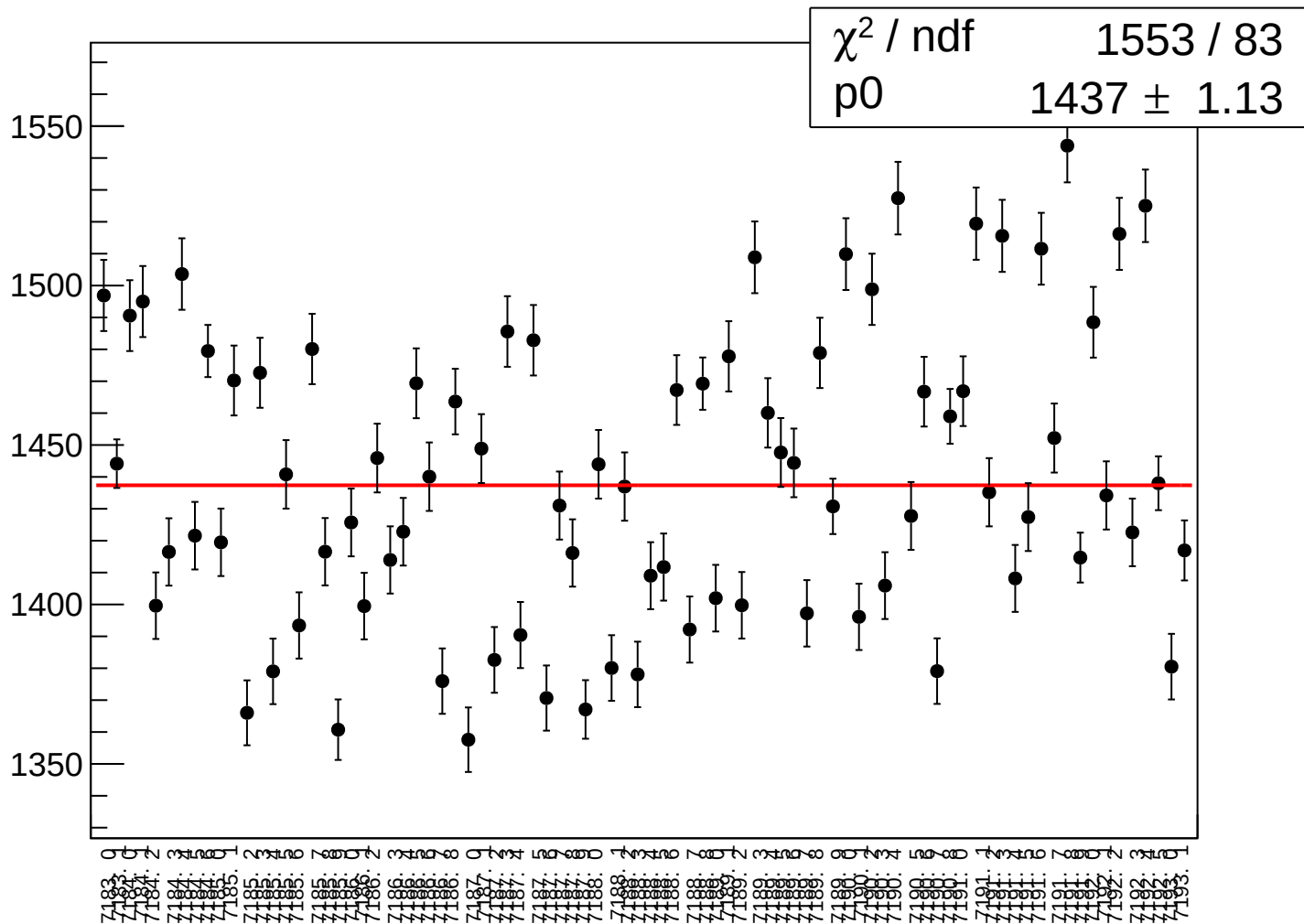
asym_dsr_rms vs run



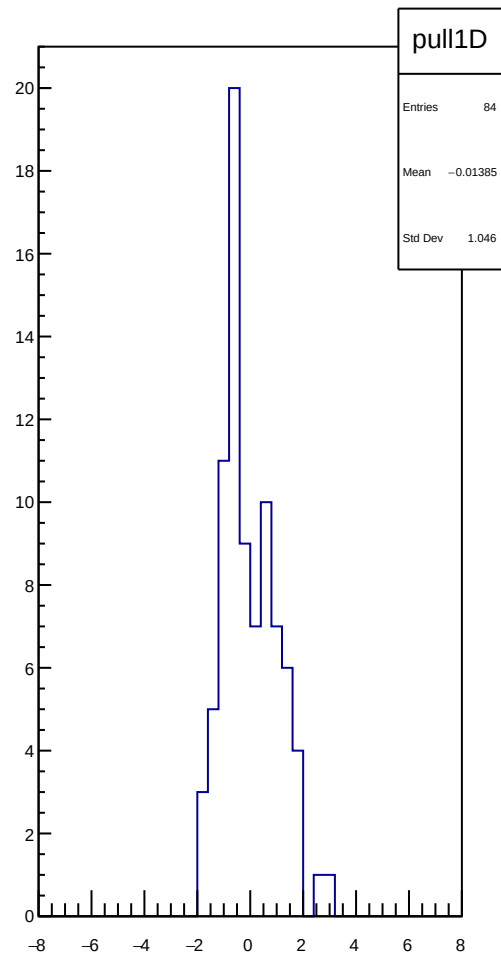
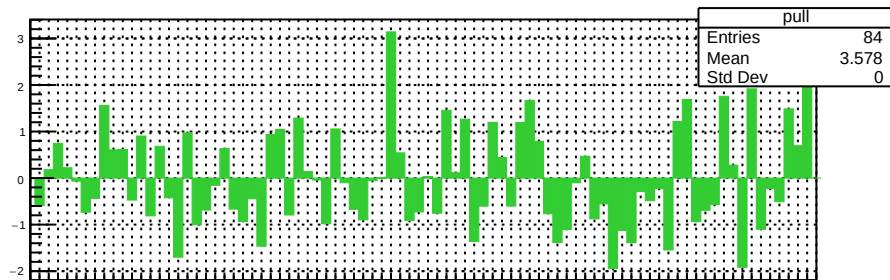
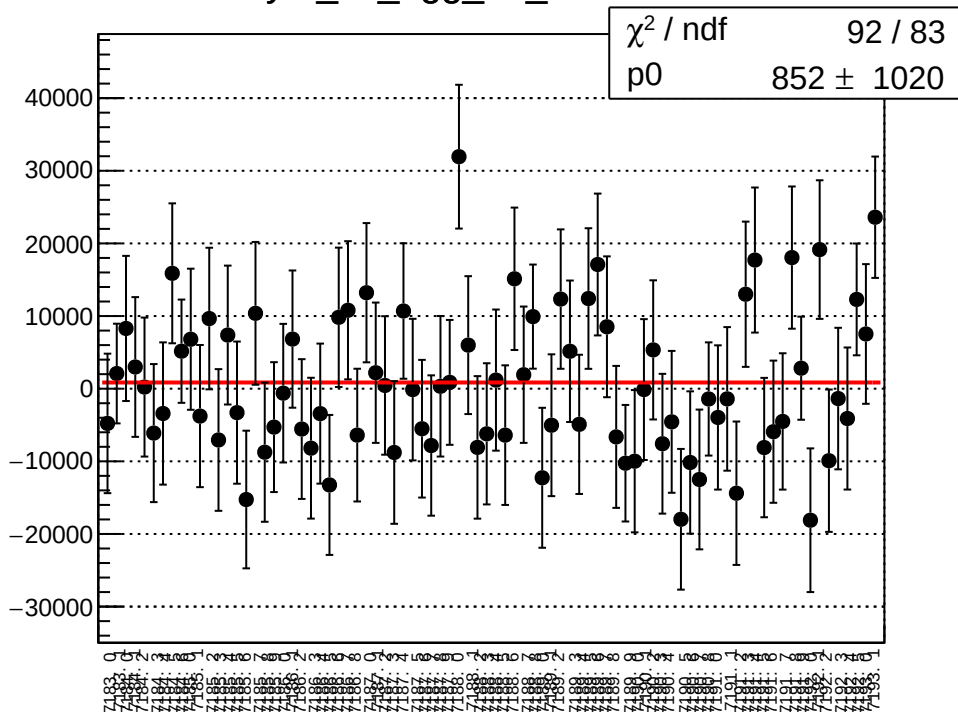
asym_us_agg_avg_mean vs run



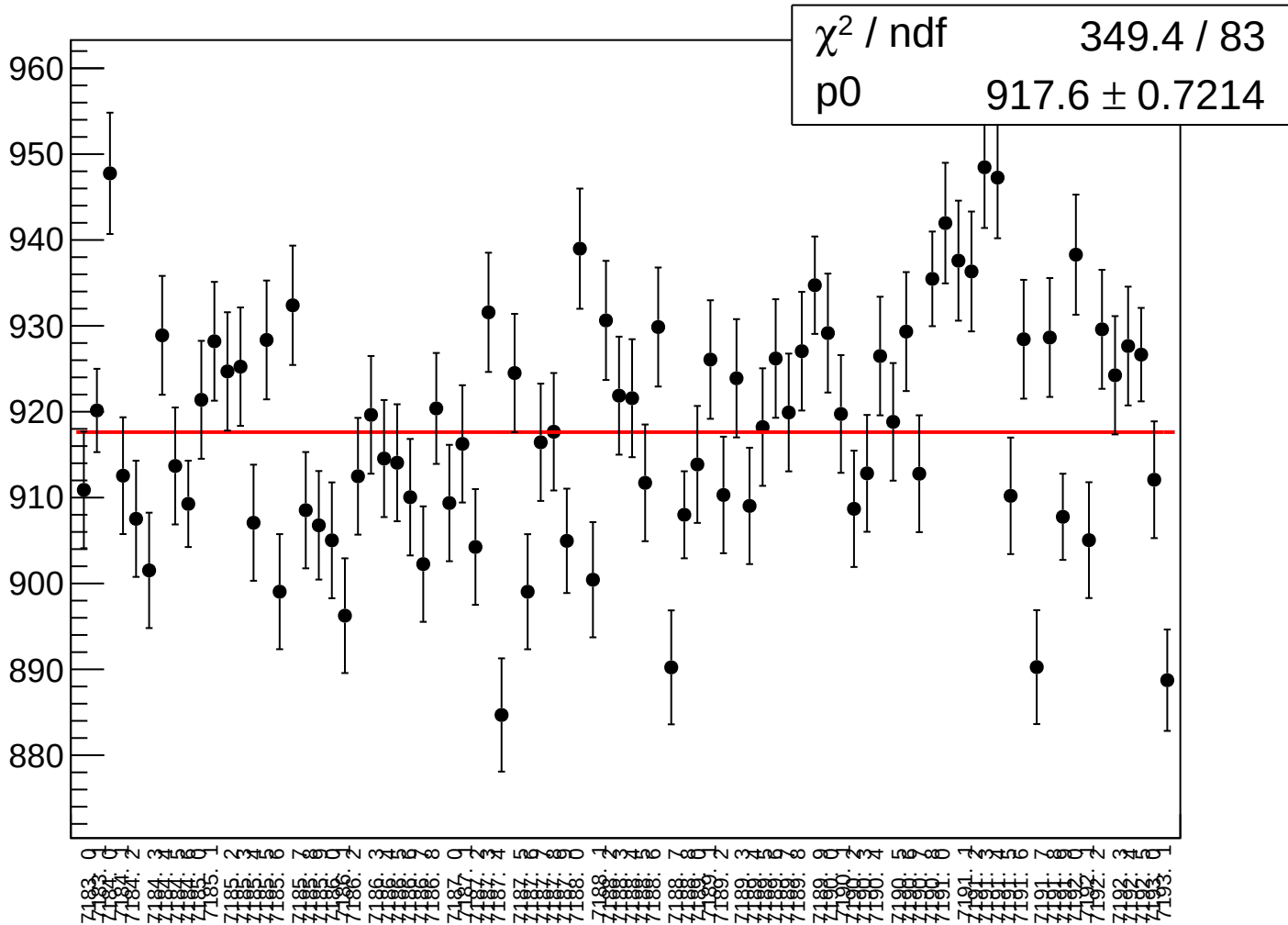
asym_us_agg_avg_rms vs run



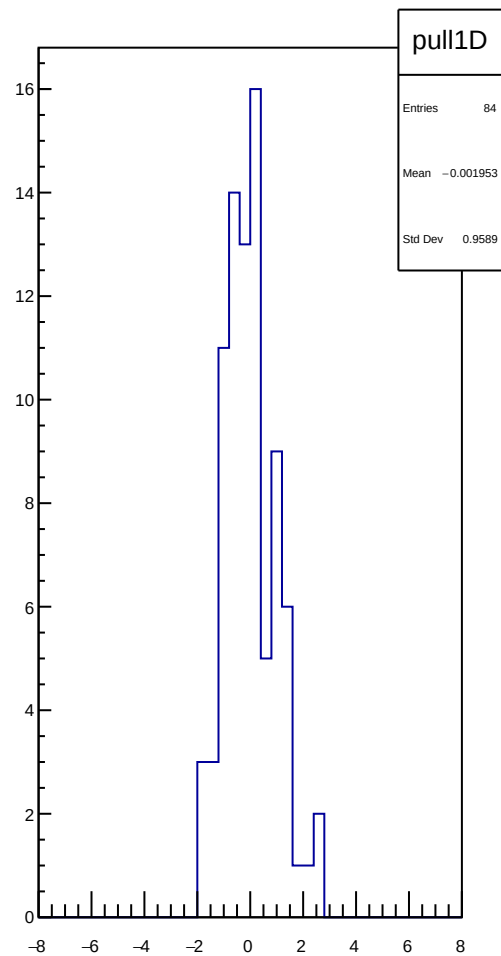
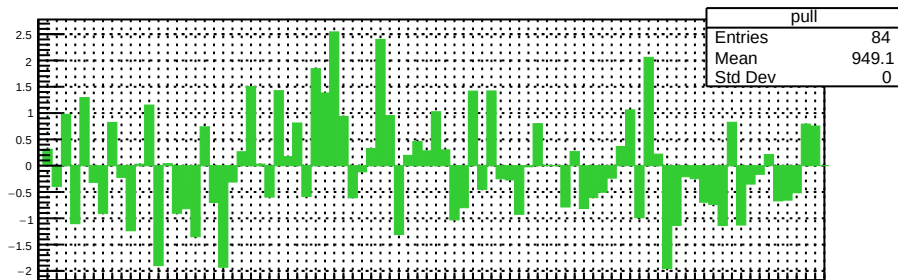
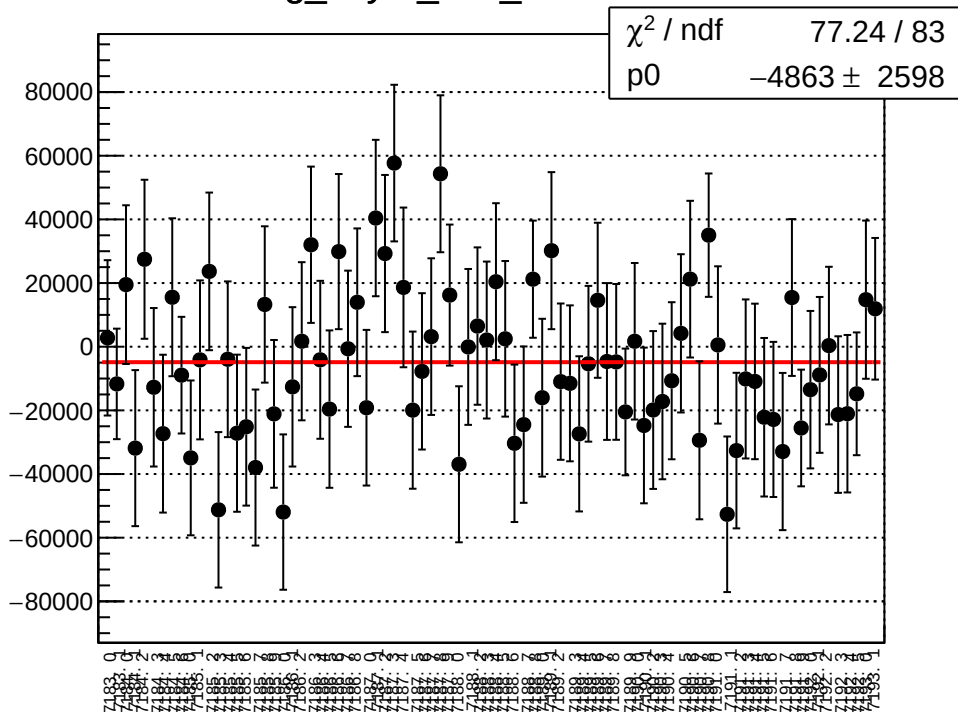
asym_us_agg_dd_mean vs run



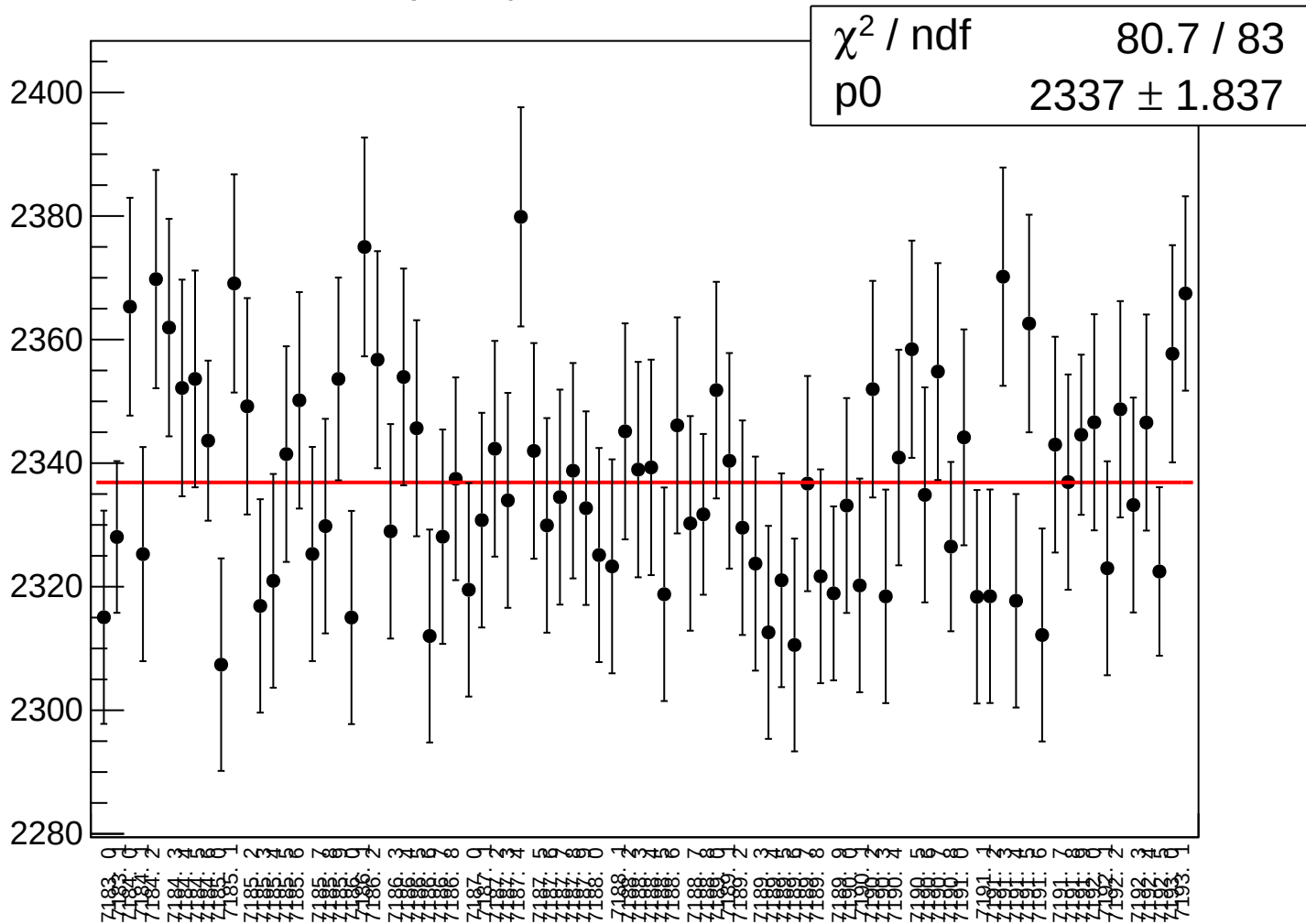
asym_us_agg_dd_rms vs run



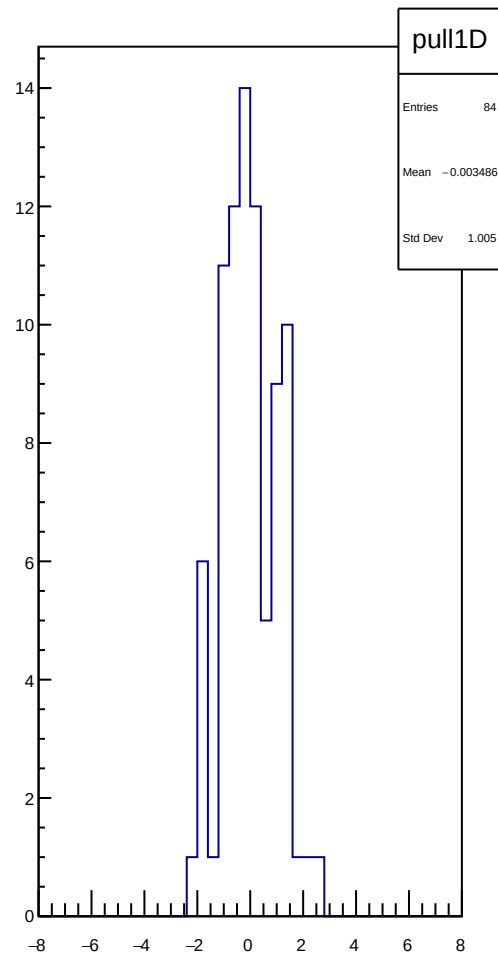
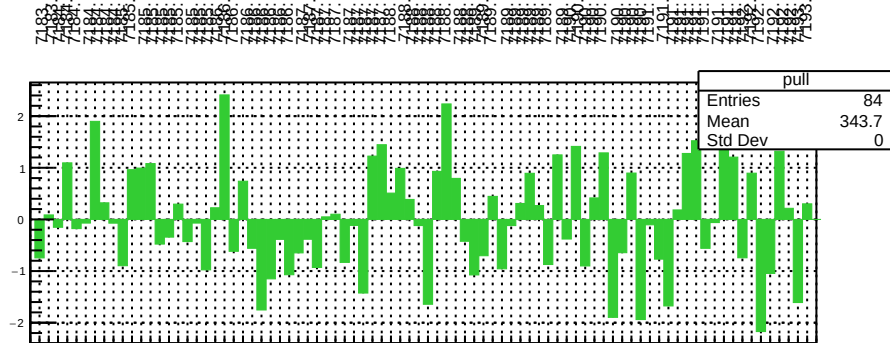
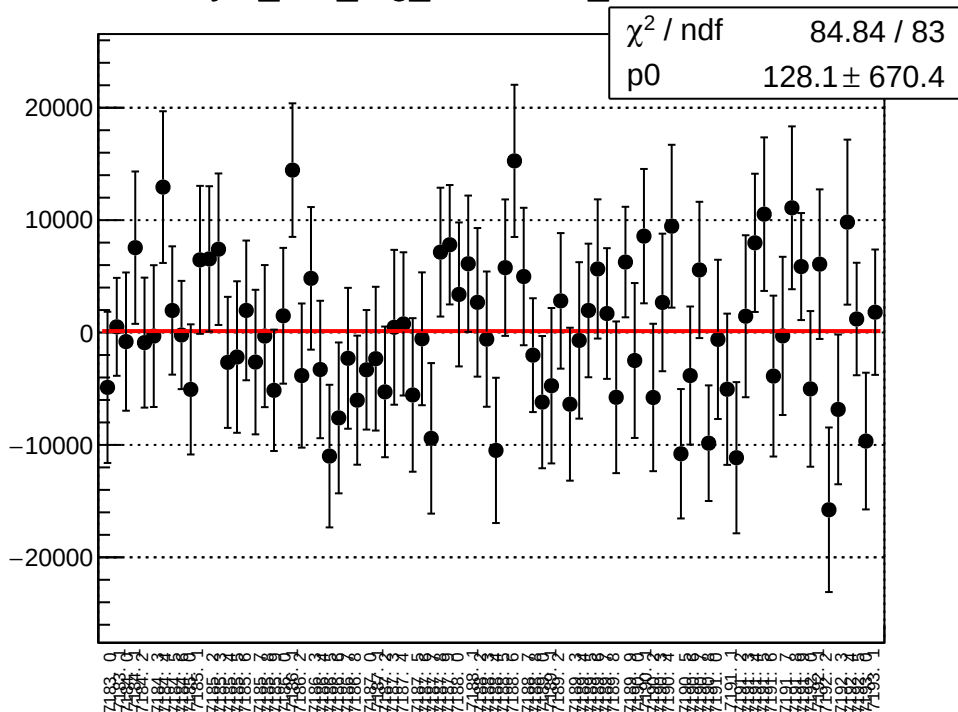
reg_asym_atl1_mean vs run



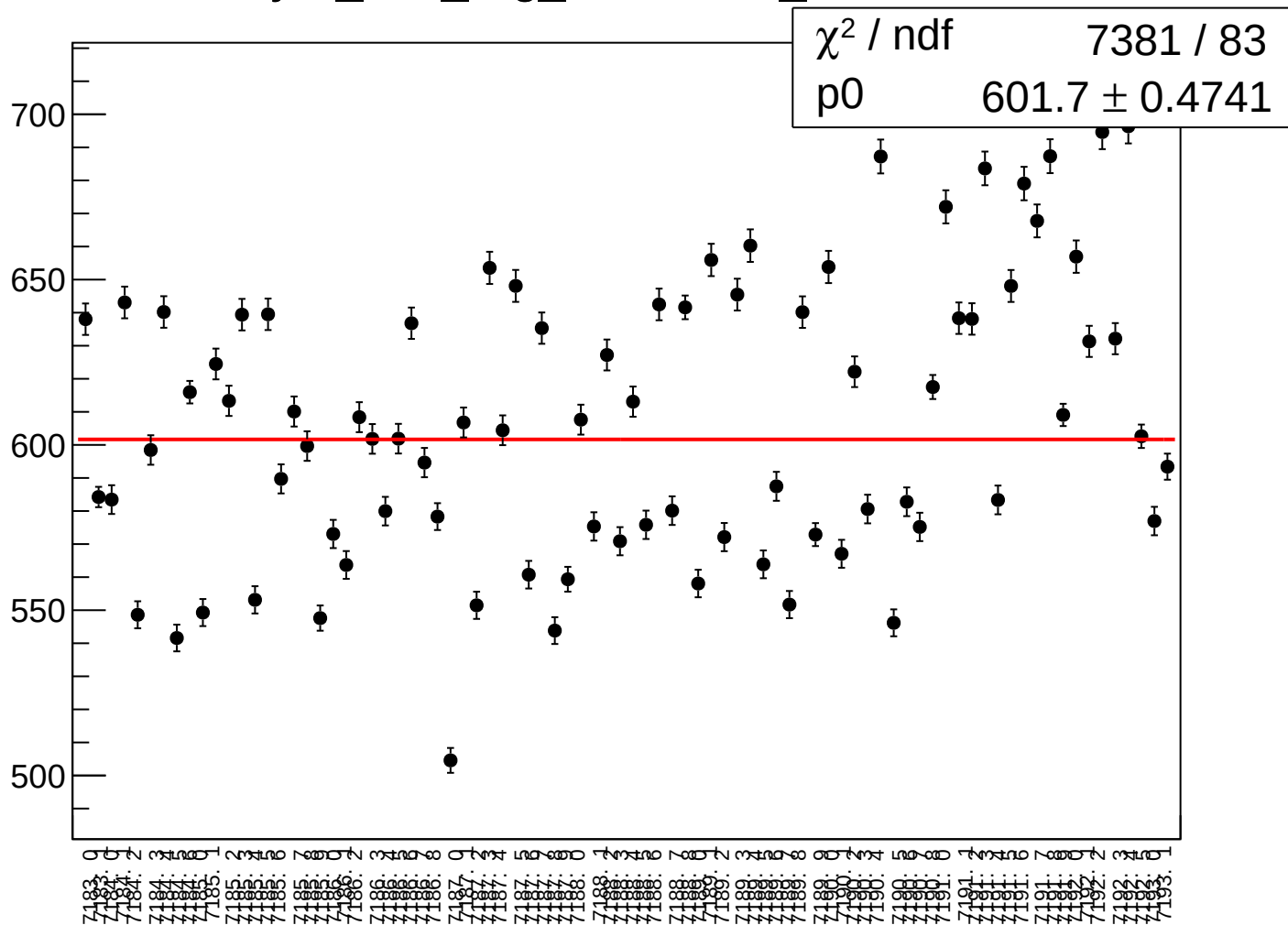
reg_asym_atl1_rms vs run



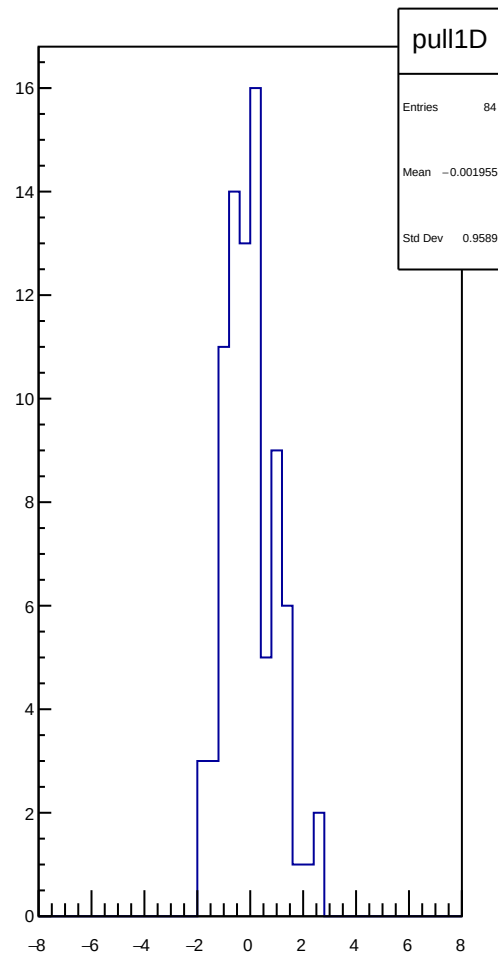
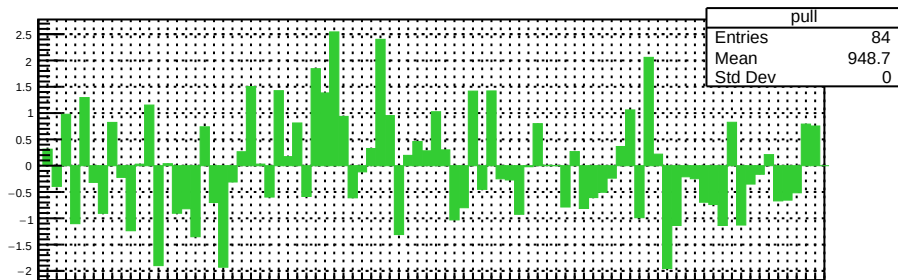
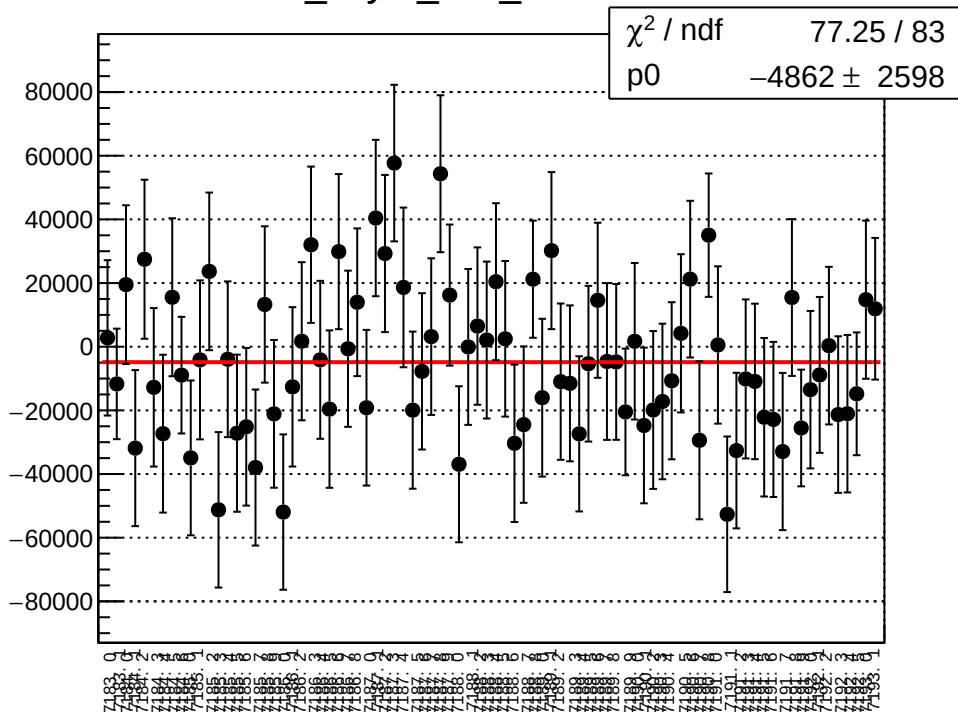
asym_atl1_reg_correction_mean vs run



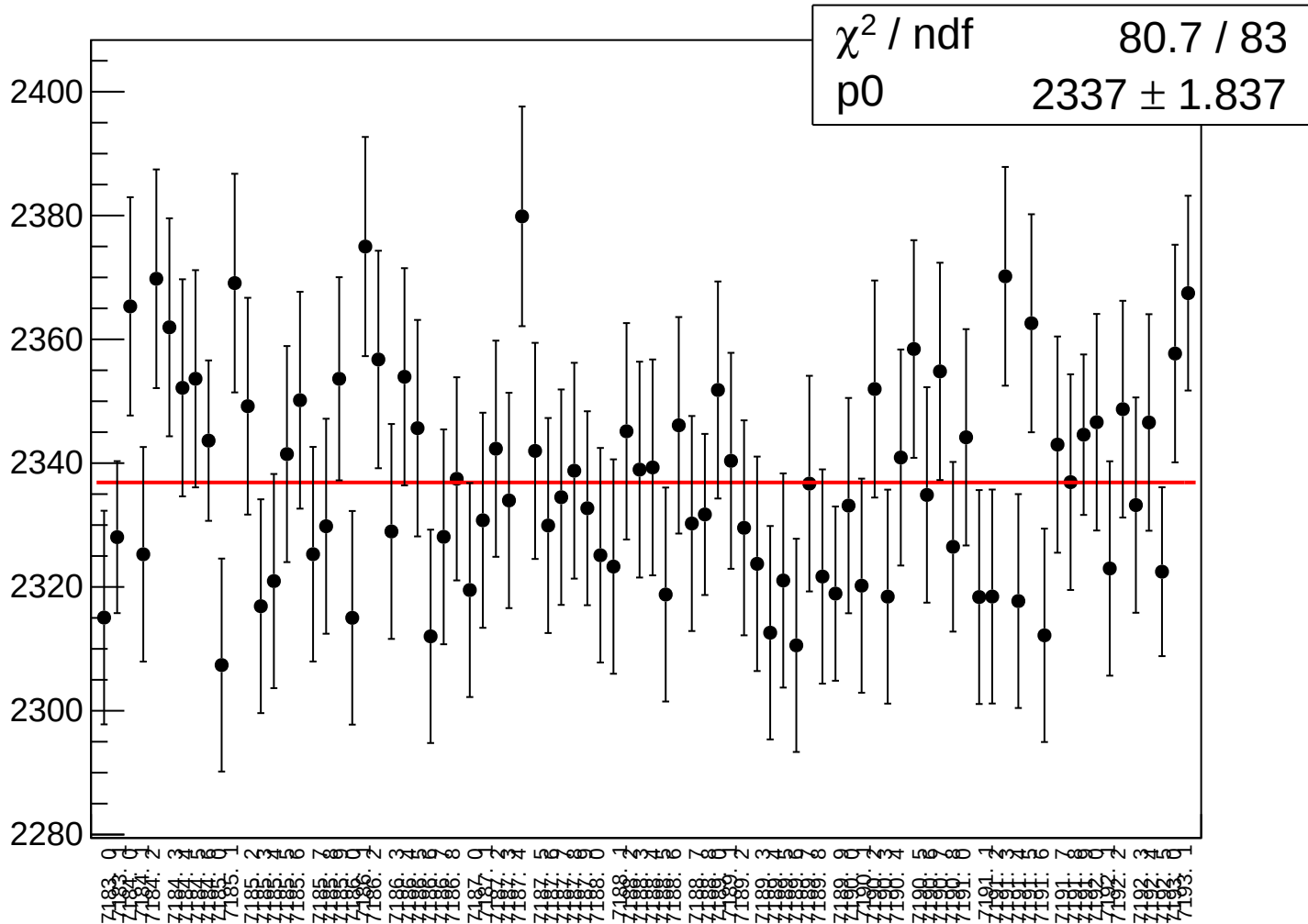
asym_atl1_reg_correction_rms vs run



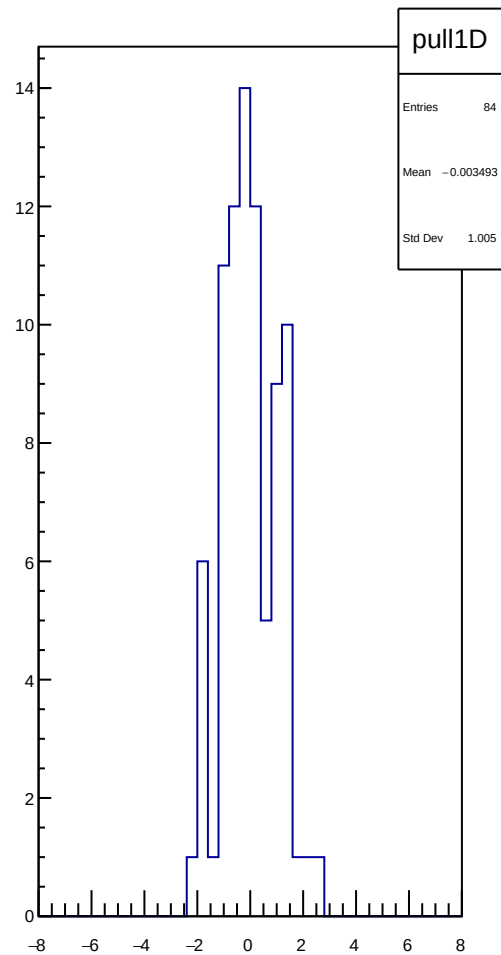
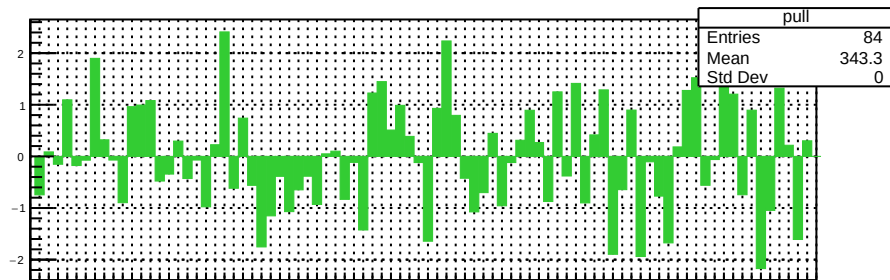
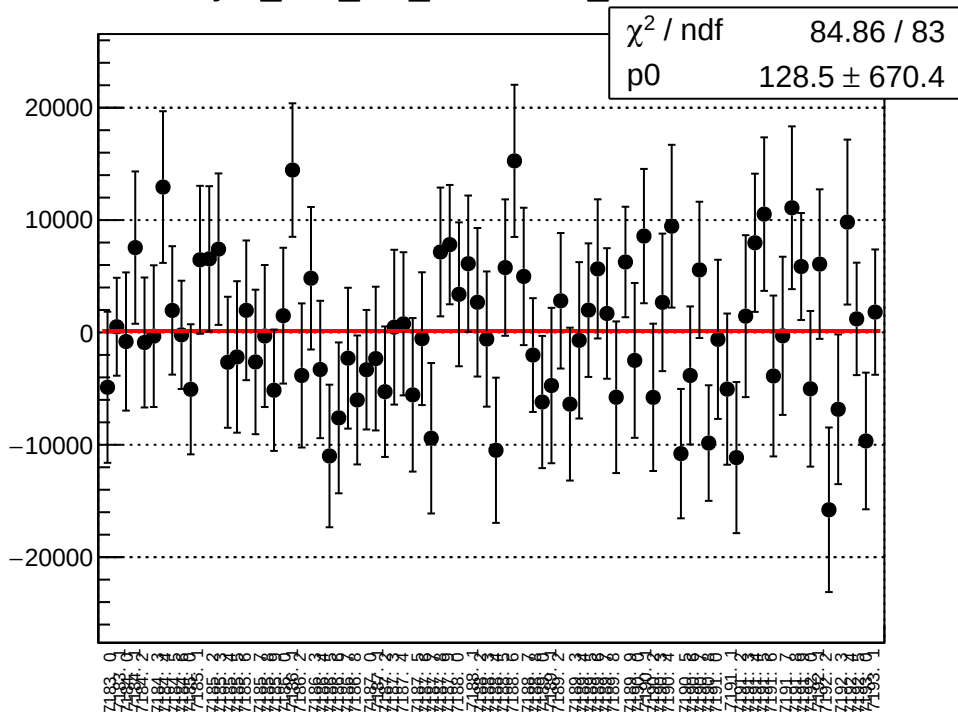
cor_asym_atl1_mean vs run



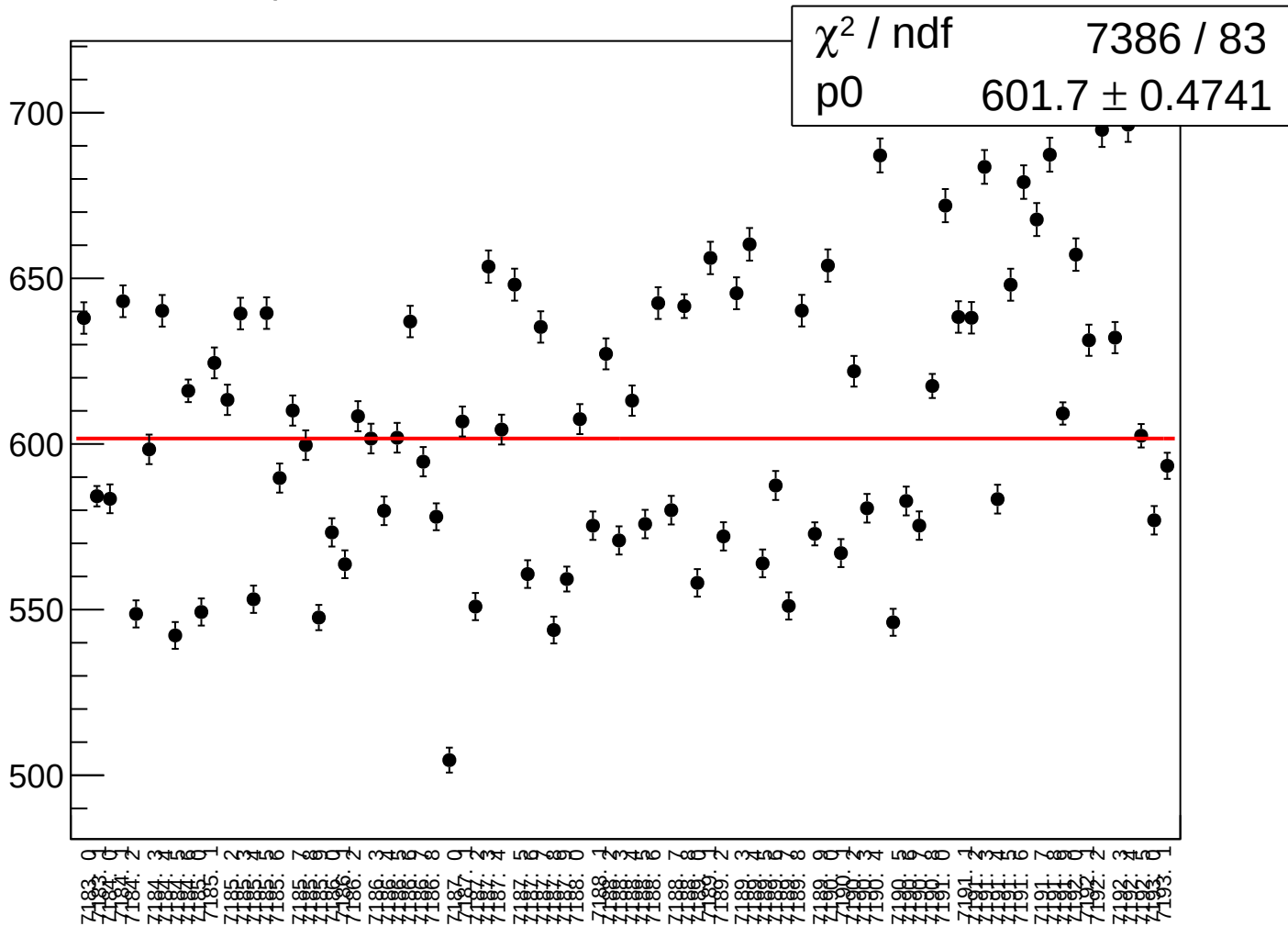
cor_asym_atl1_rms vs run



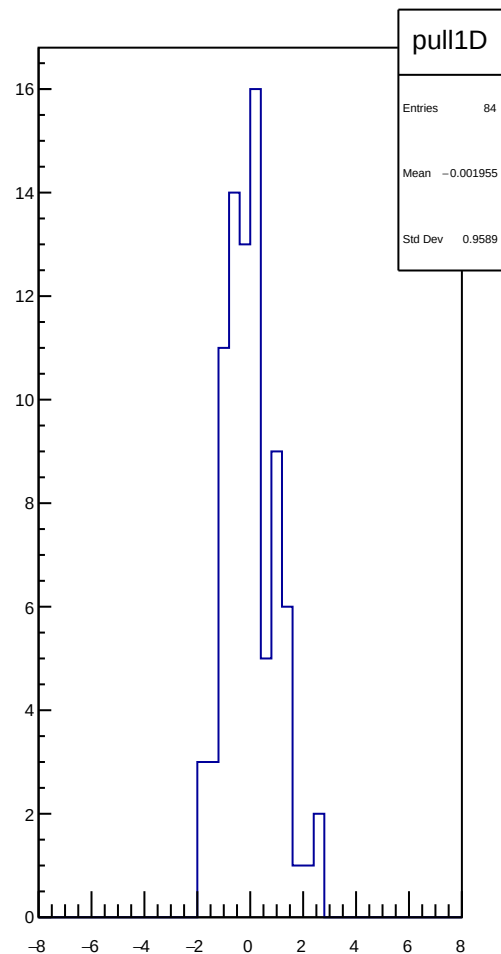
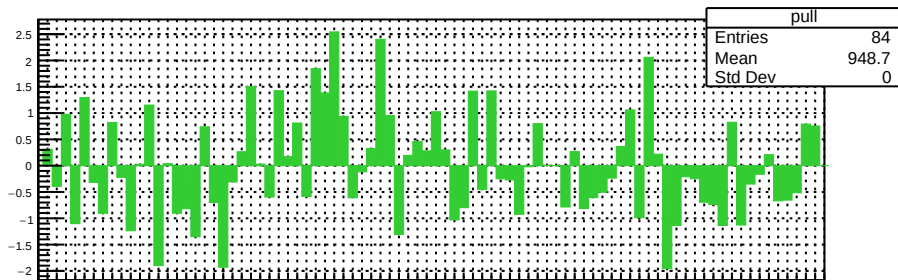
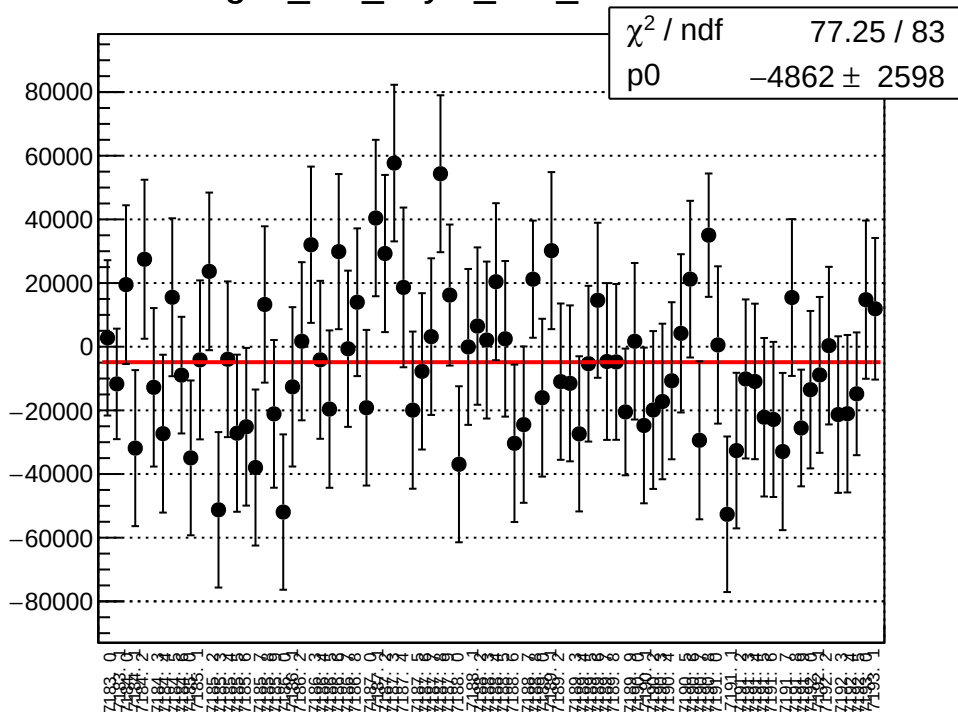
asym_atl1_cor_correction_mean vs run



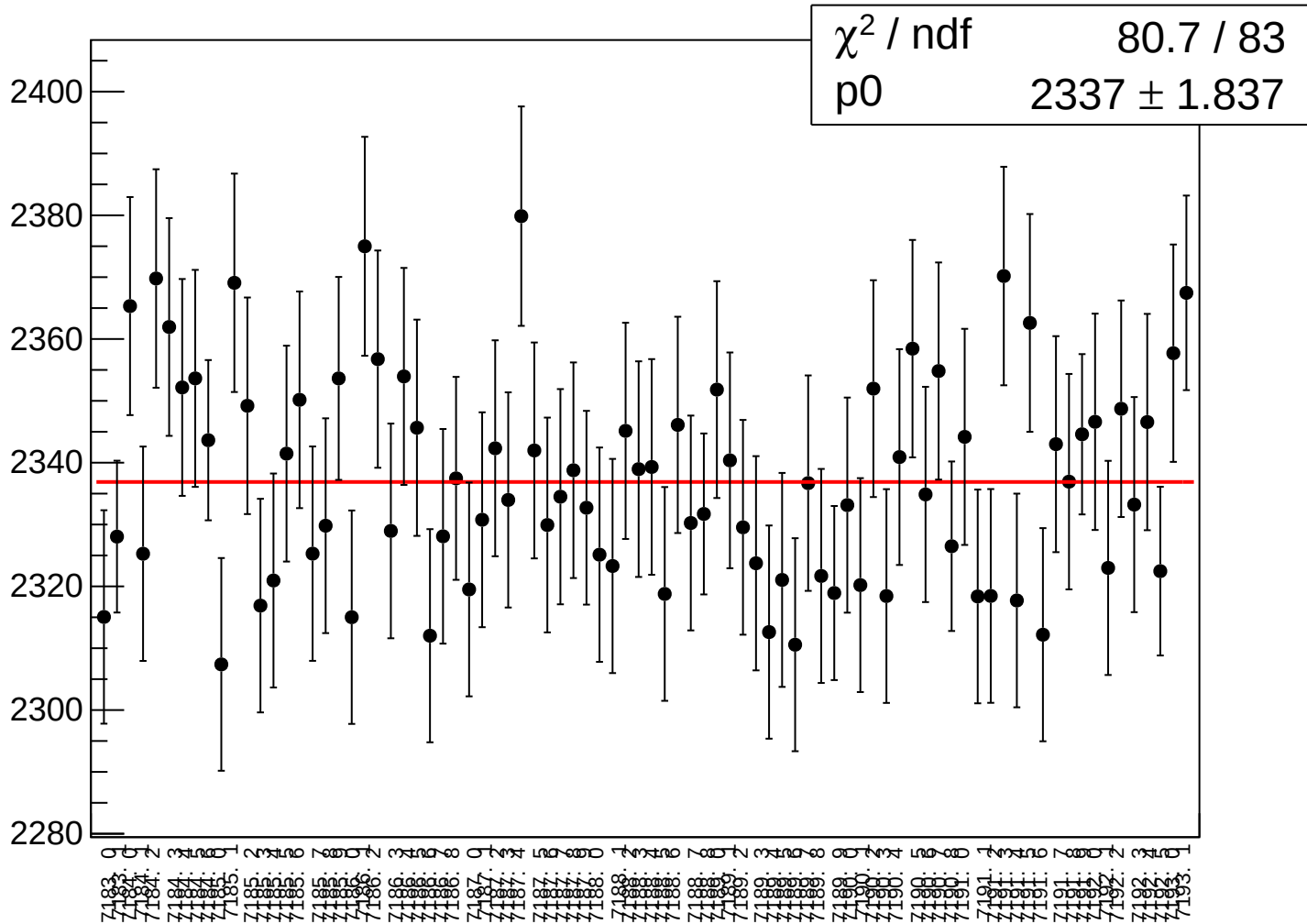
asym_atl1_cor_correction_rms vs run



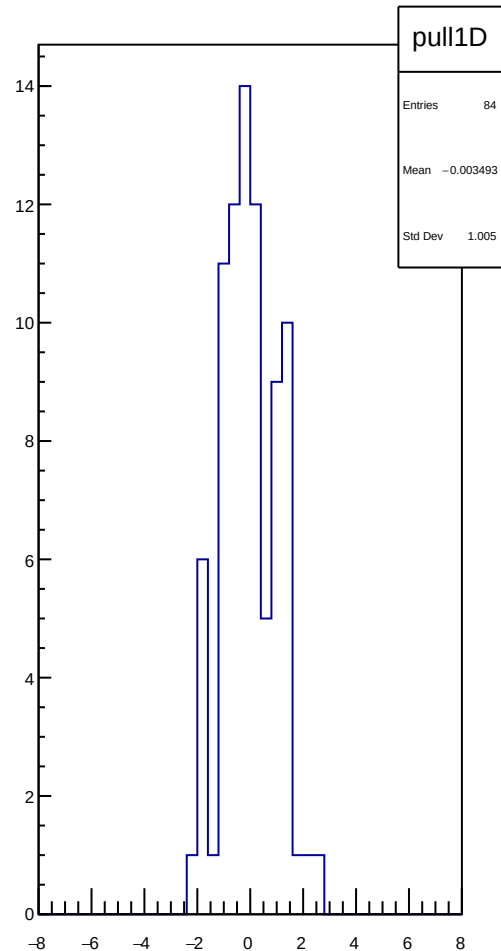
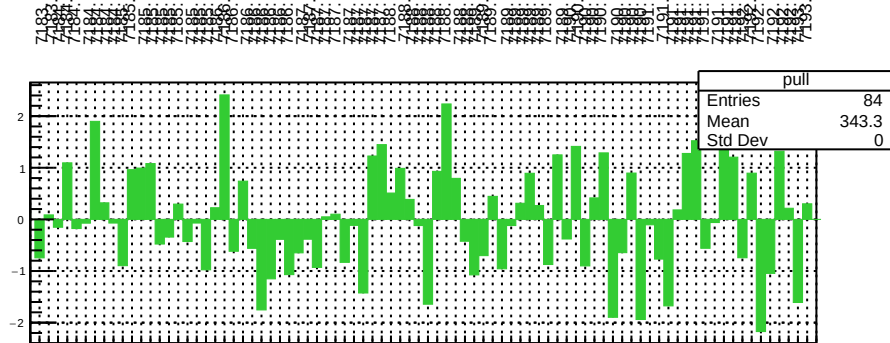
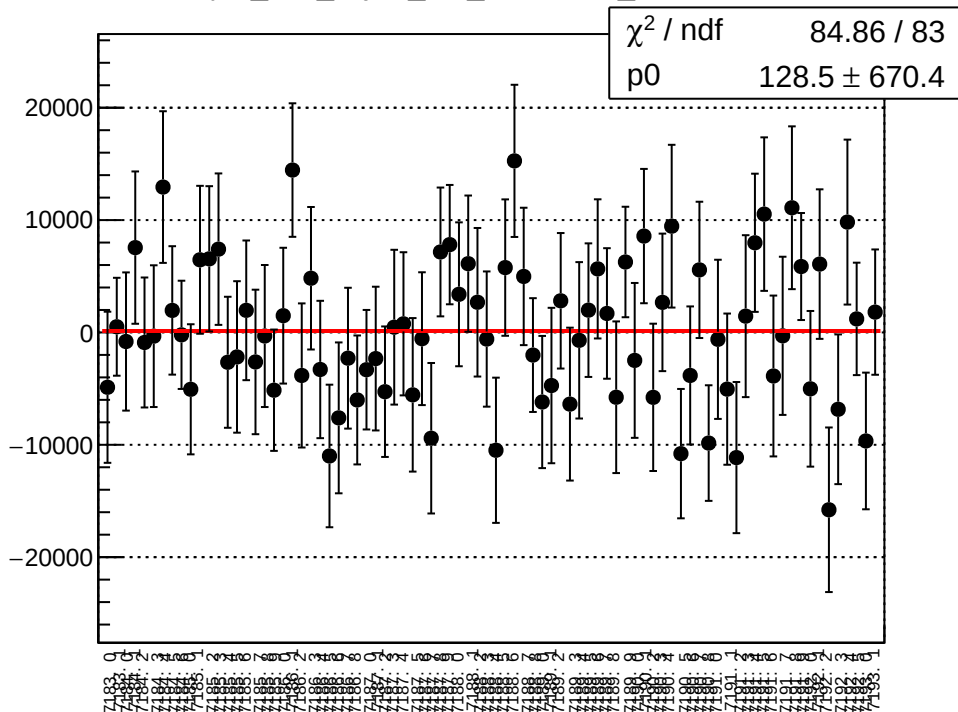
eigen_cor_asym_atl1_mean vs run



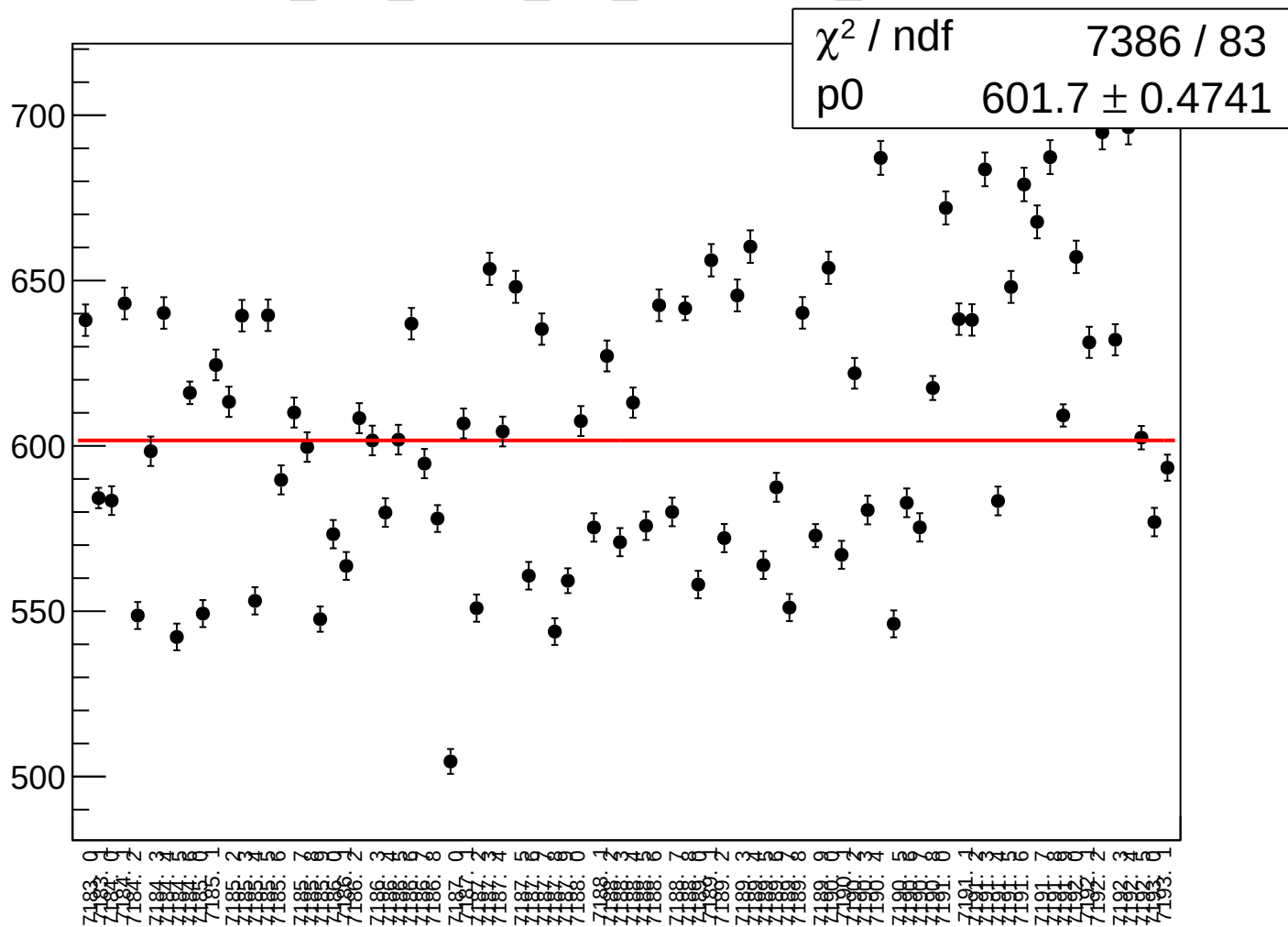
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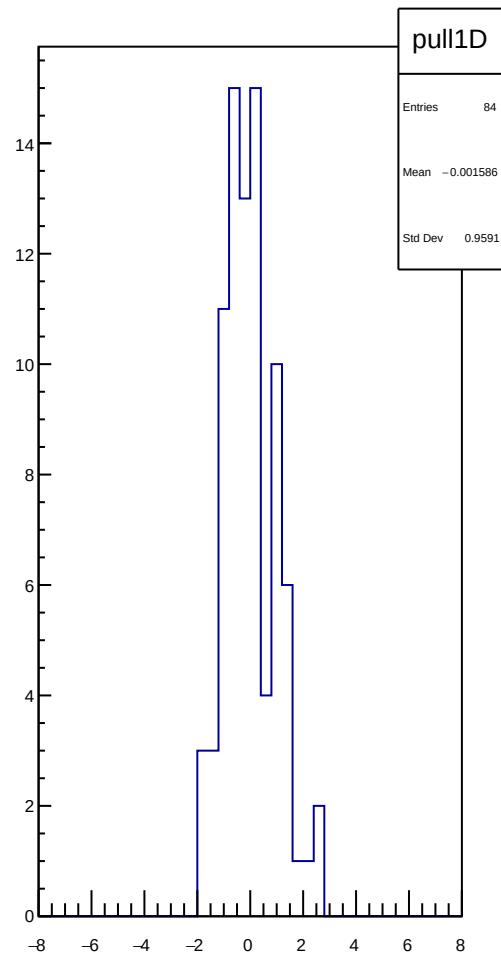
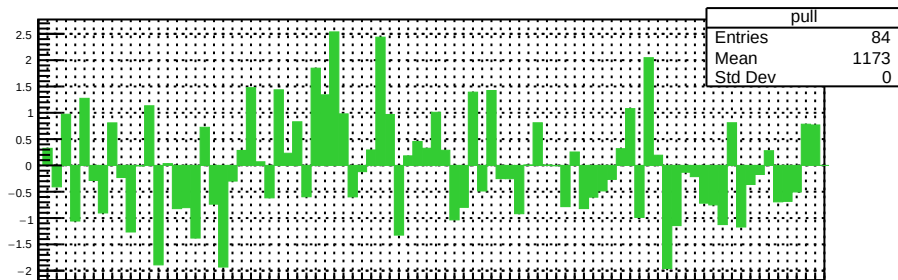
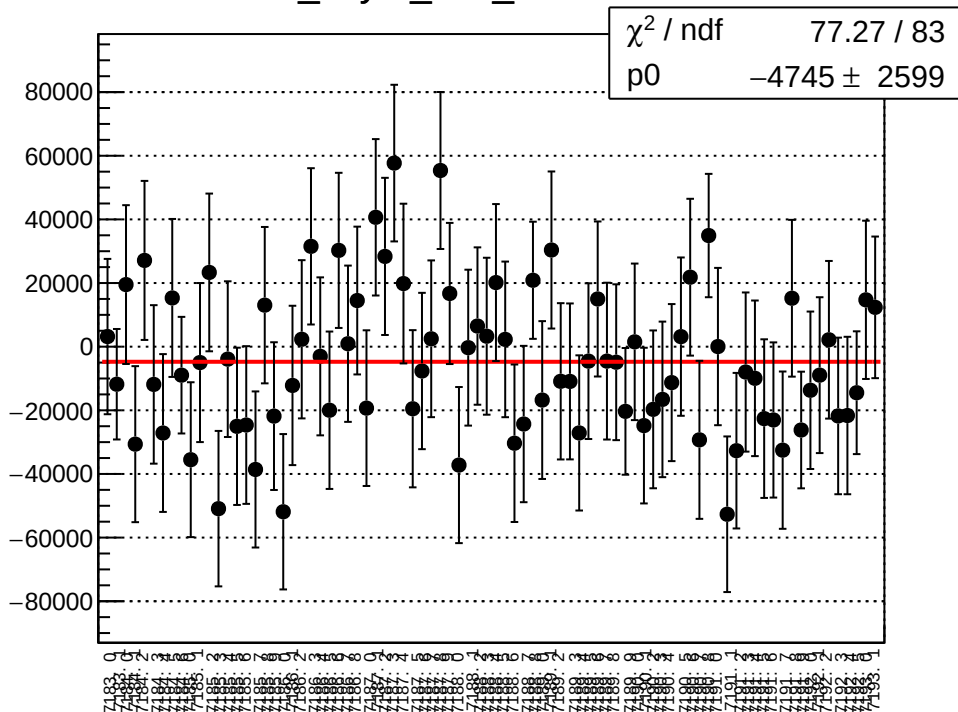
asym_atl1_eigen_cor_correction_mean vs run



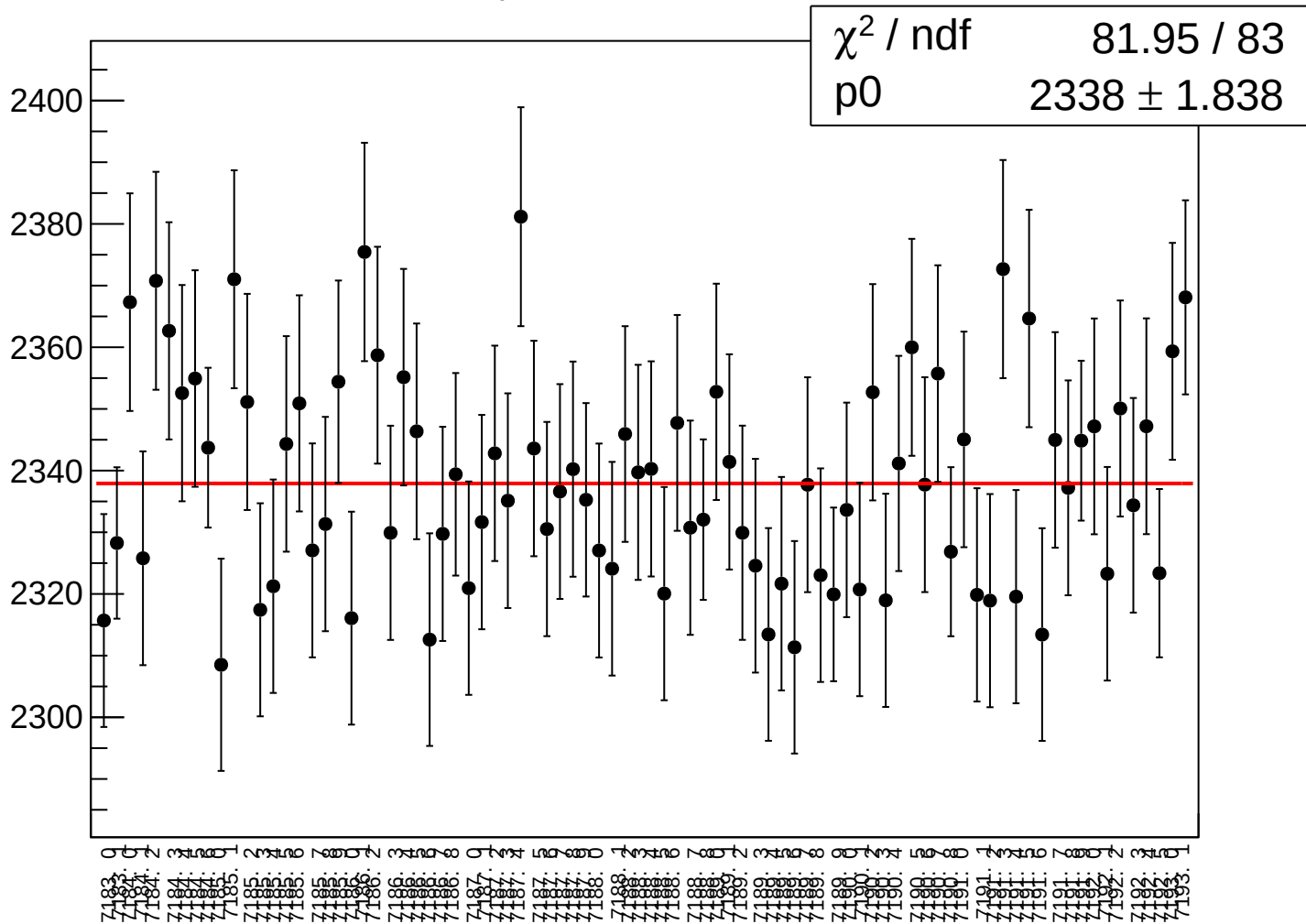
asym_atl1_eigen_cor_correction_rms vs run



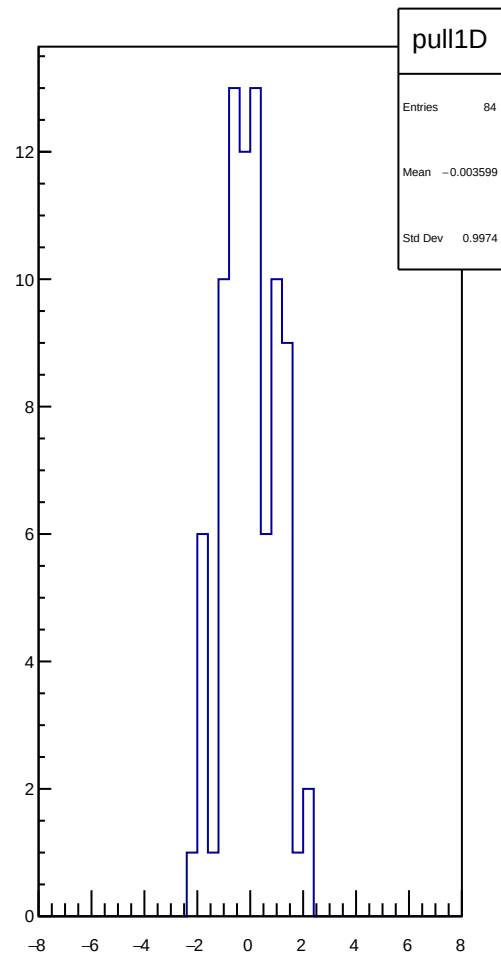
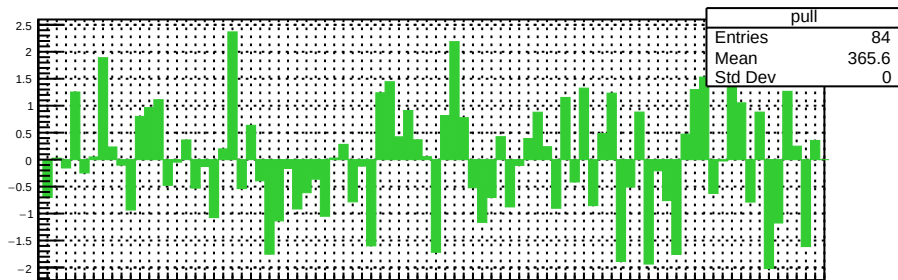
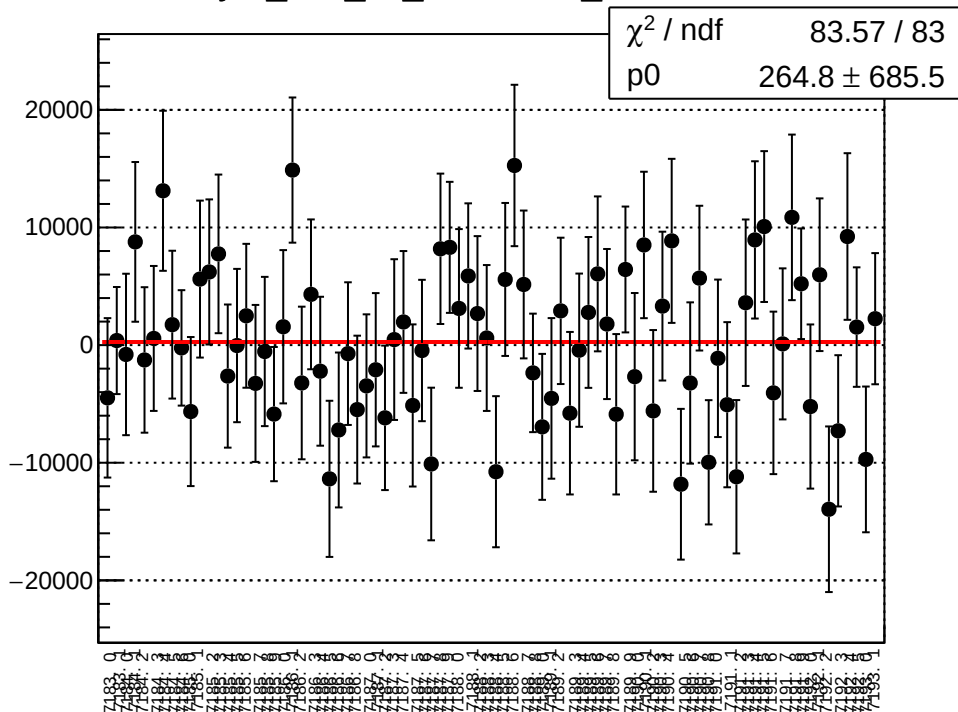
dit_asym_atl1_mean vs run



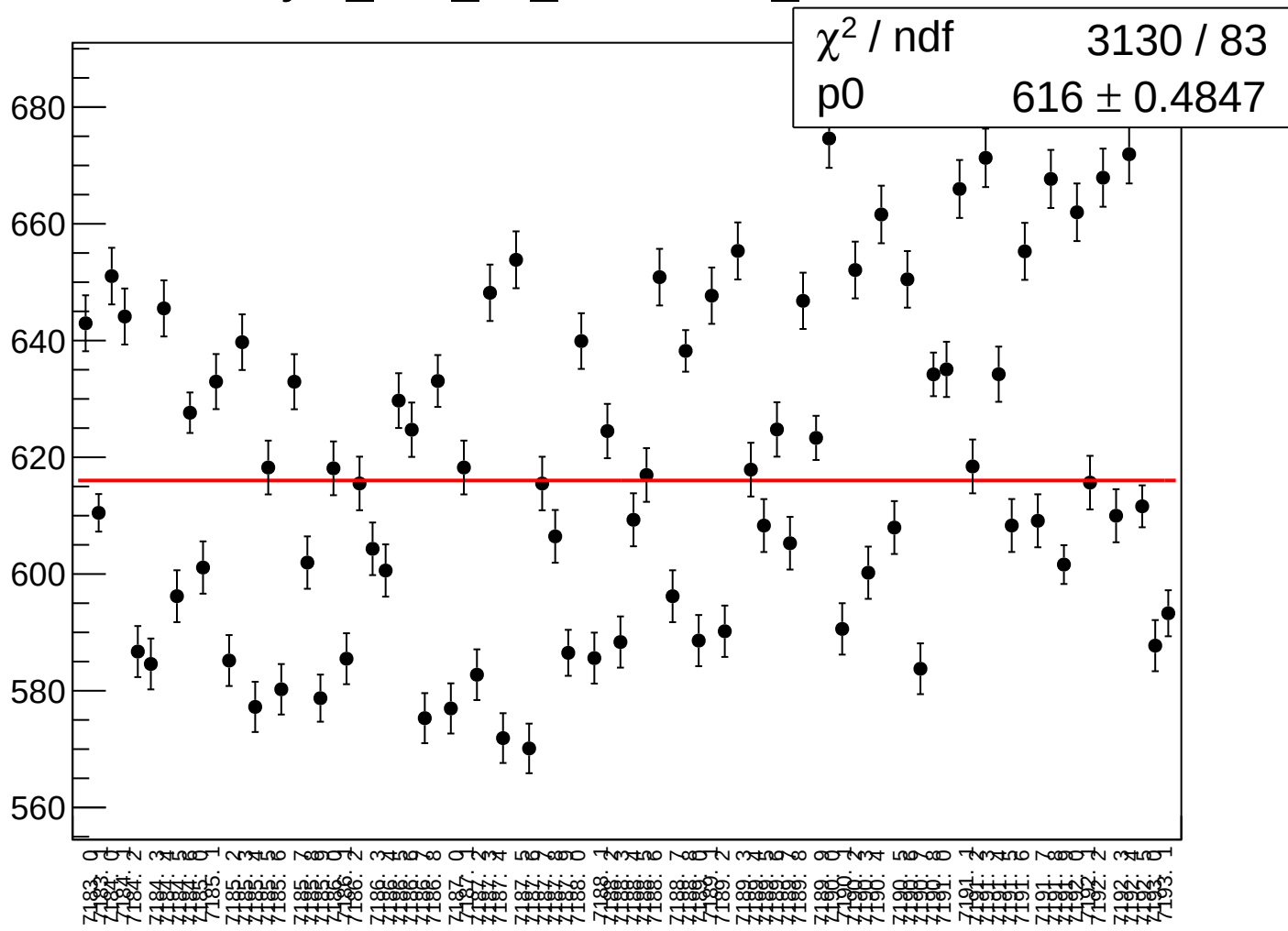
dit_asym_atl1_rms vs run



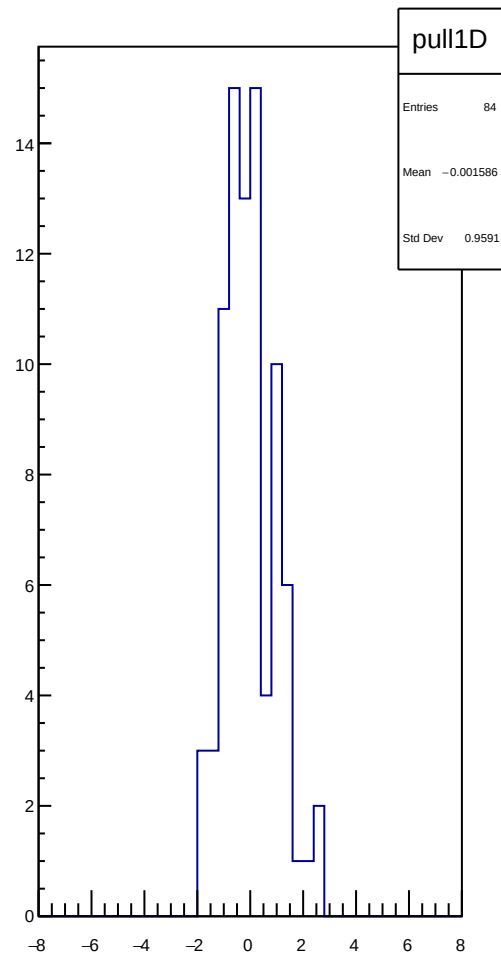
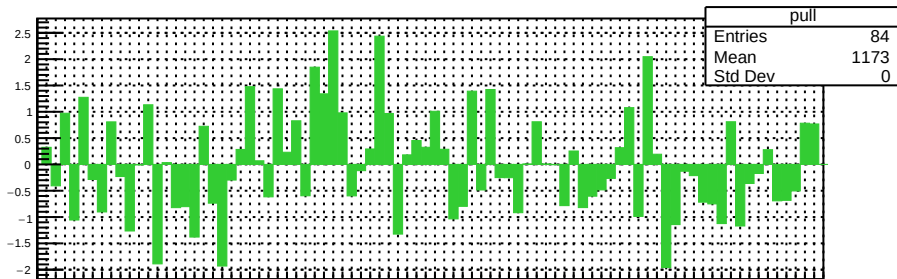
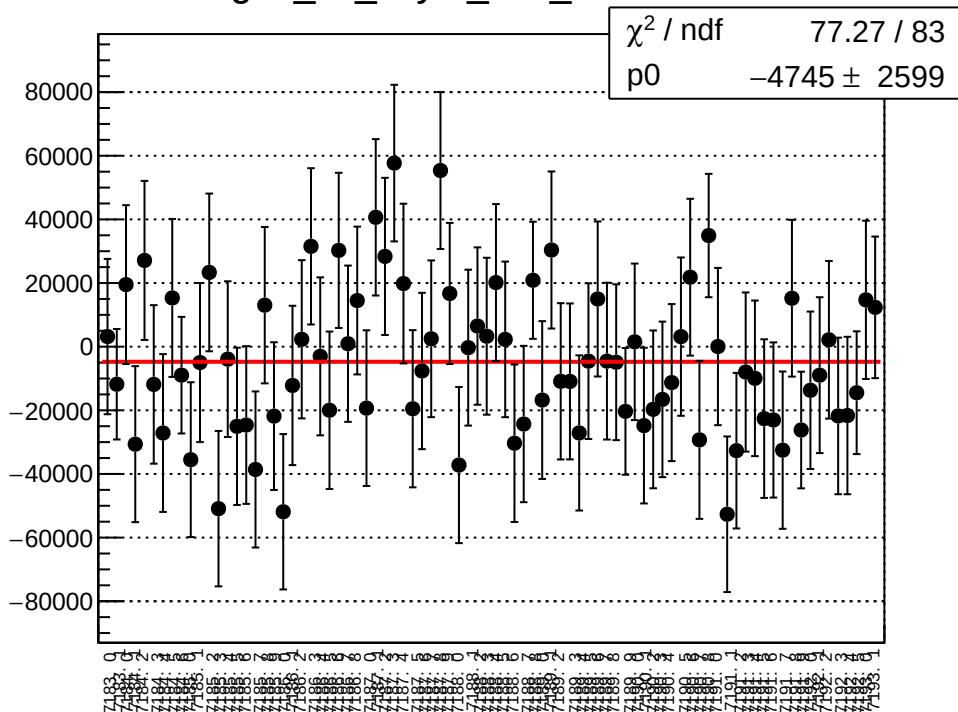
asym_atl1_dit_correction_mean vs run



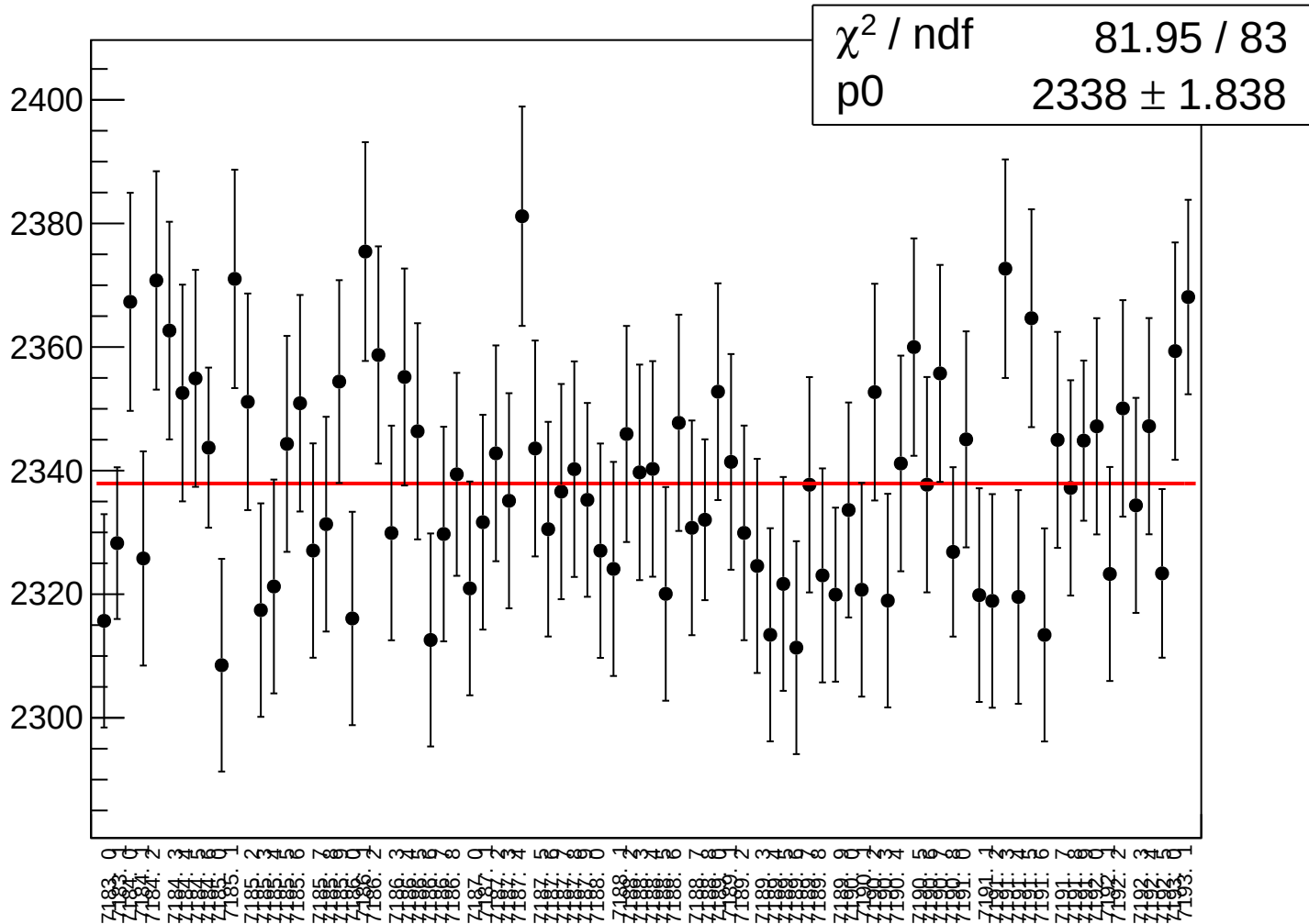
asym_atl1_dit_correction_rms vs run



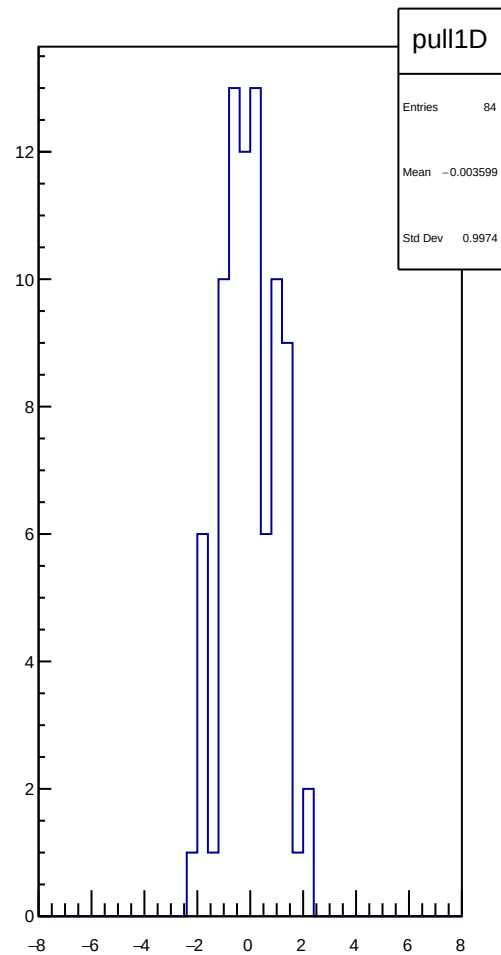
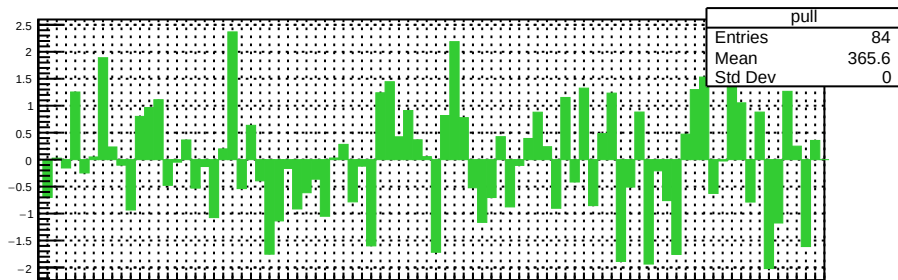
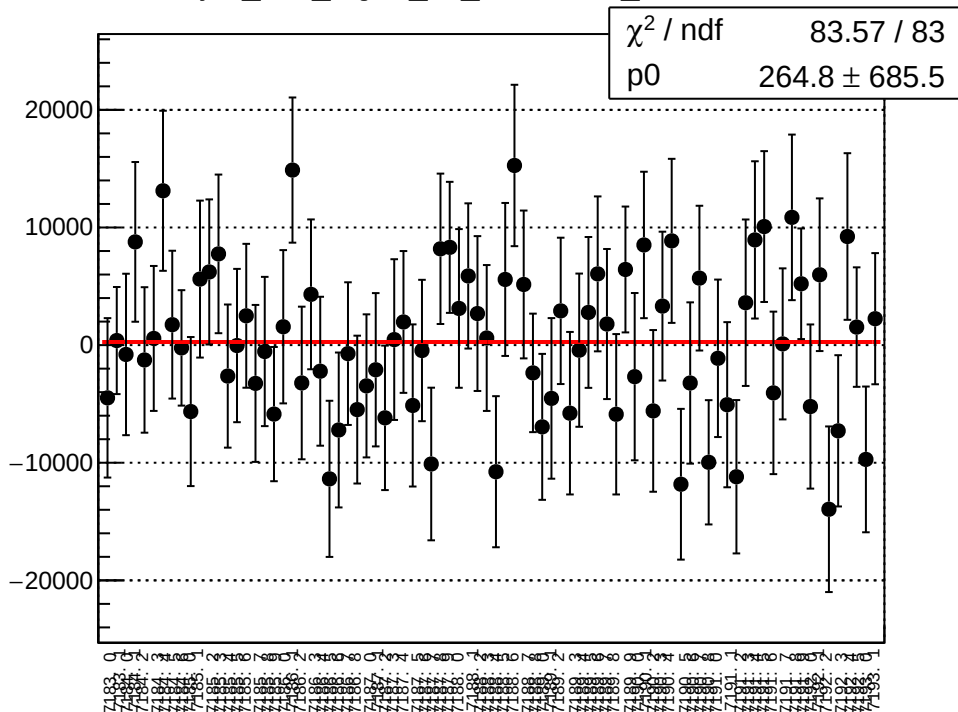
eigen_dit_asym_atl1_mean vs run



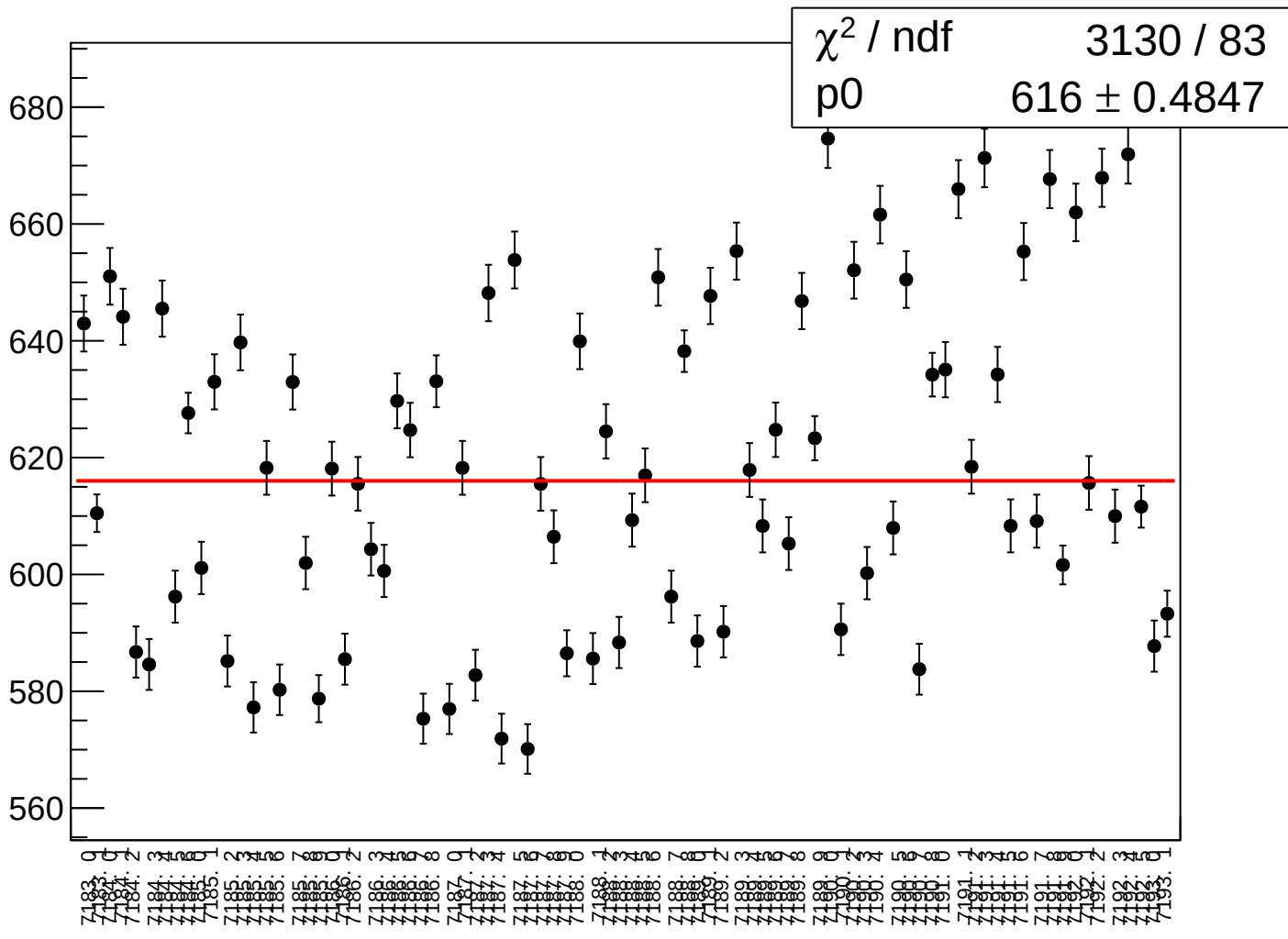
eigen_dit_asym_atl1_rms vs run



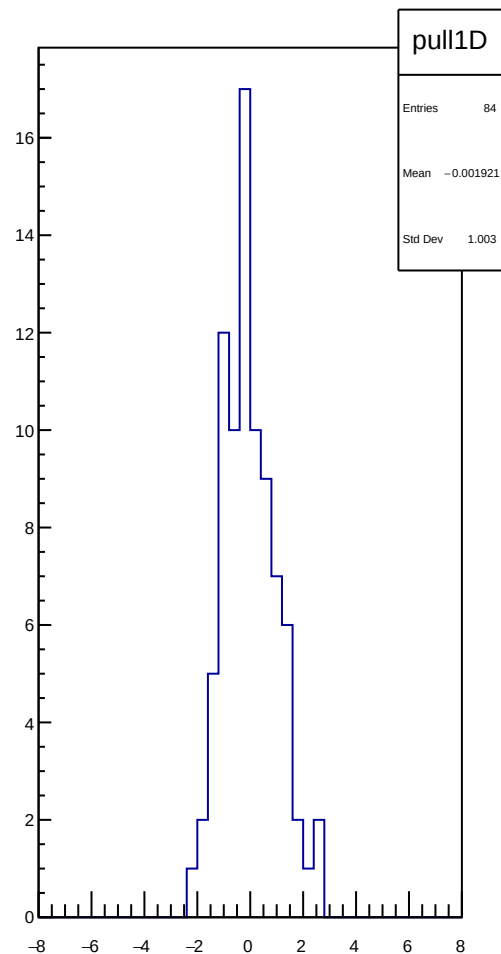
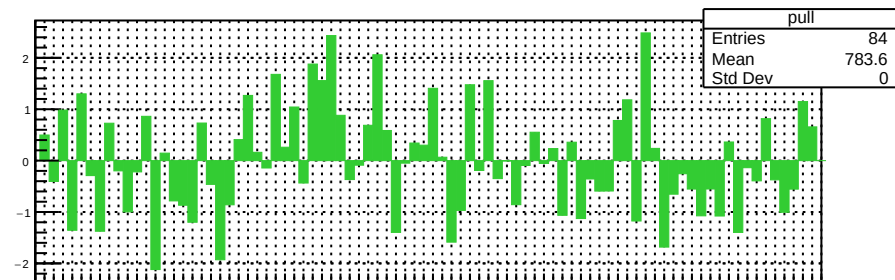
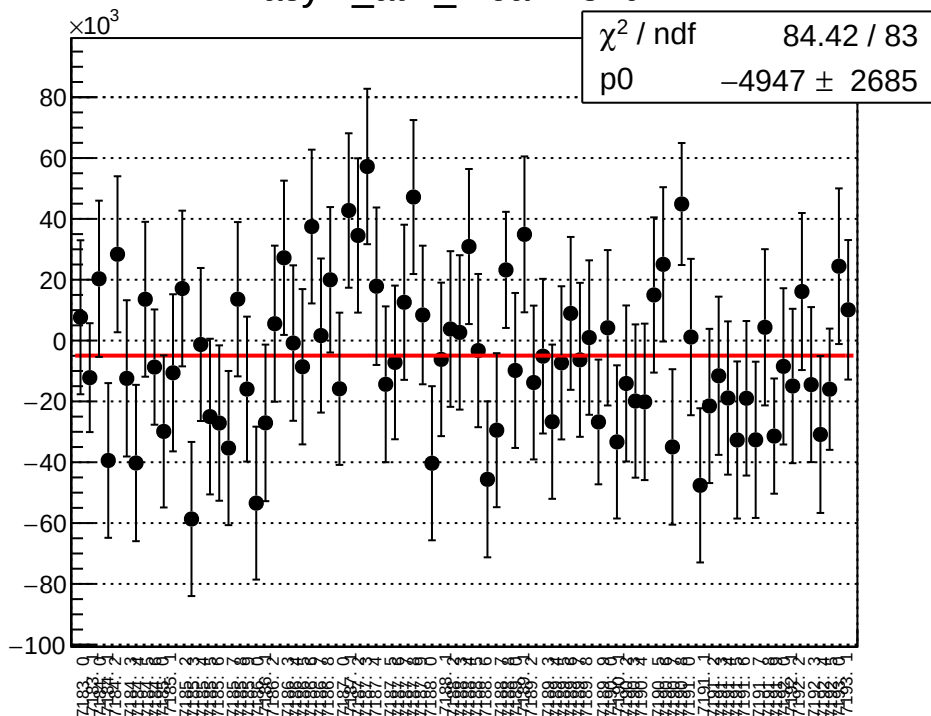
asym_atl1_eigen_dit_correction_mean vs run



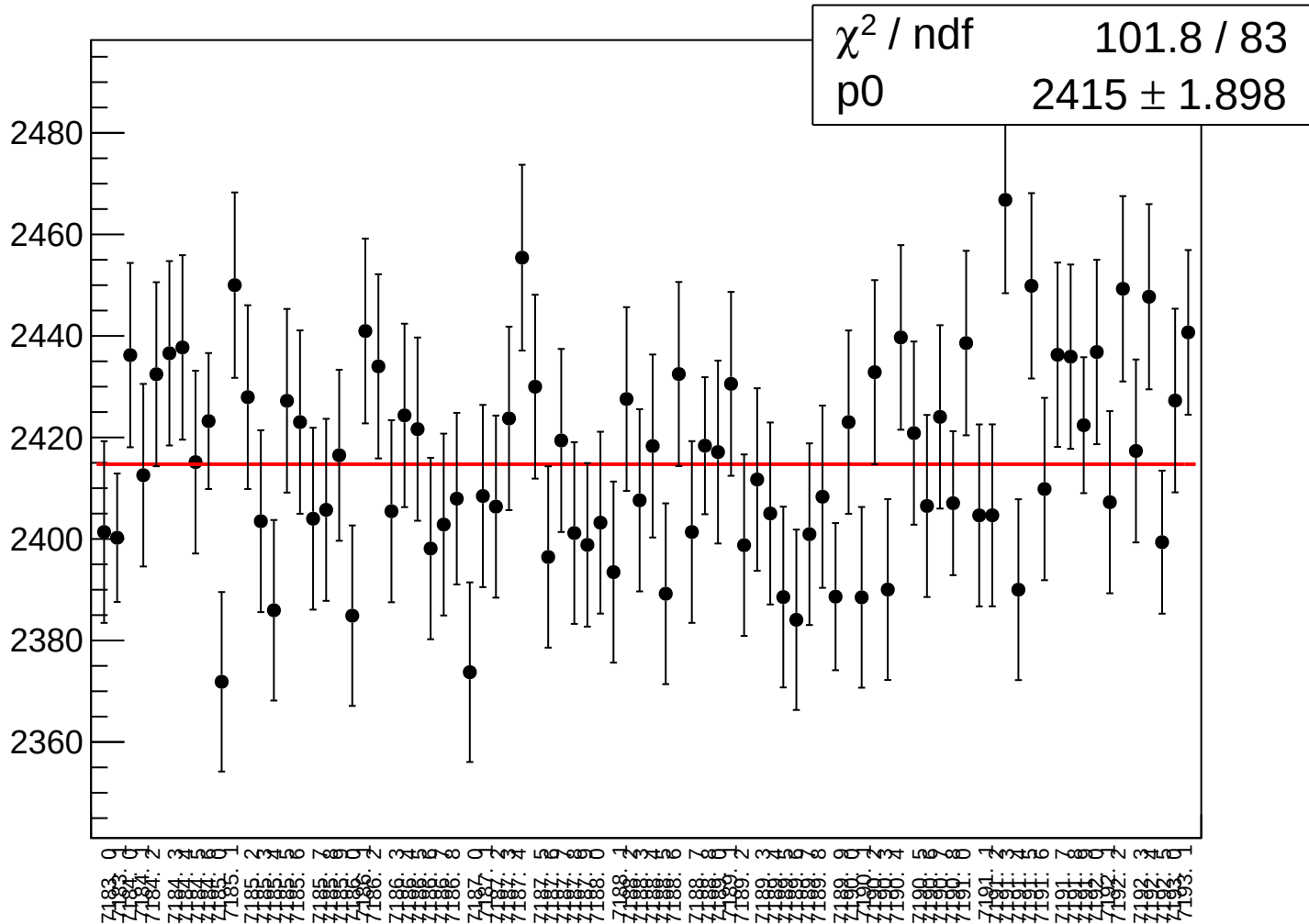
asym_atl1_eigen_dit_correction_rms vs run



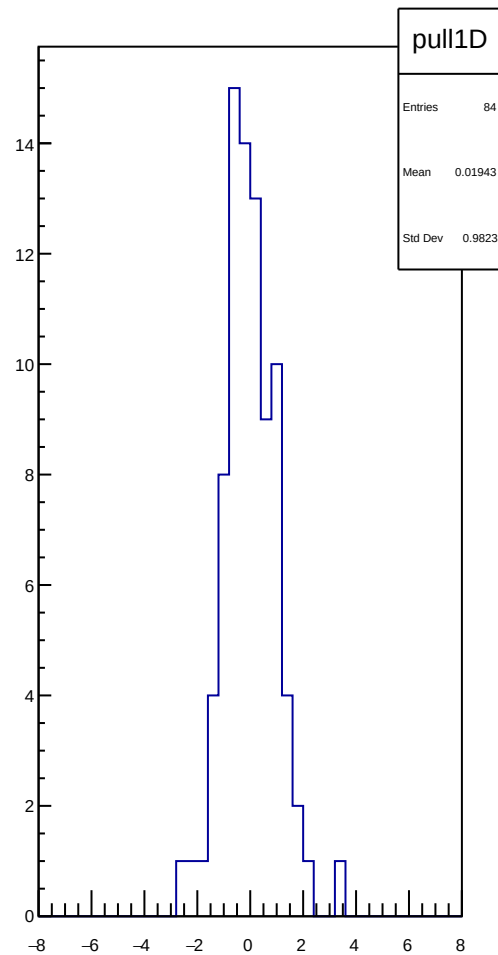
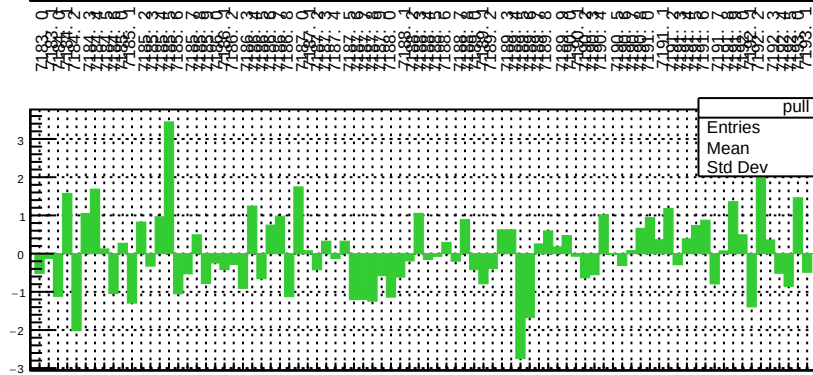
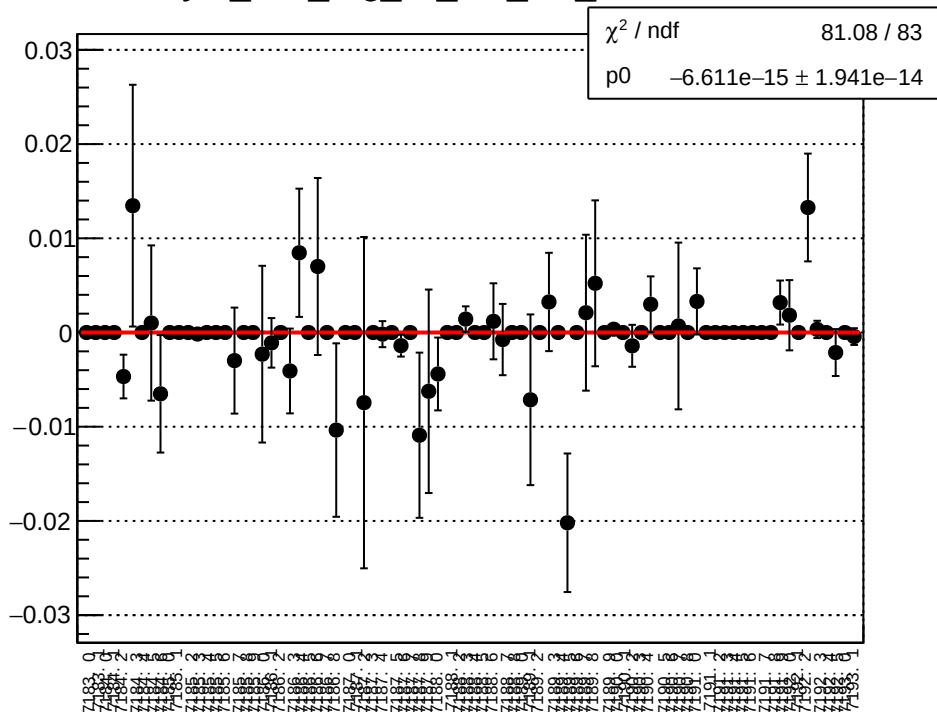
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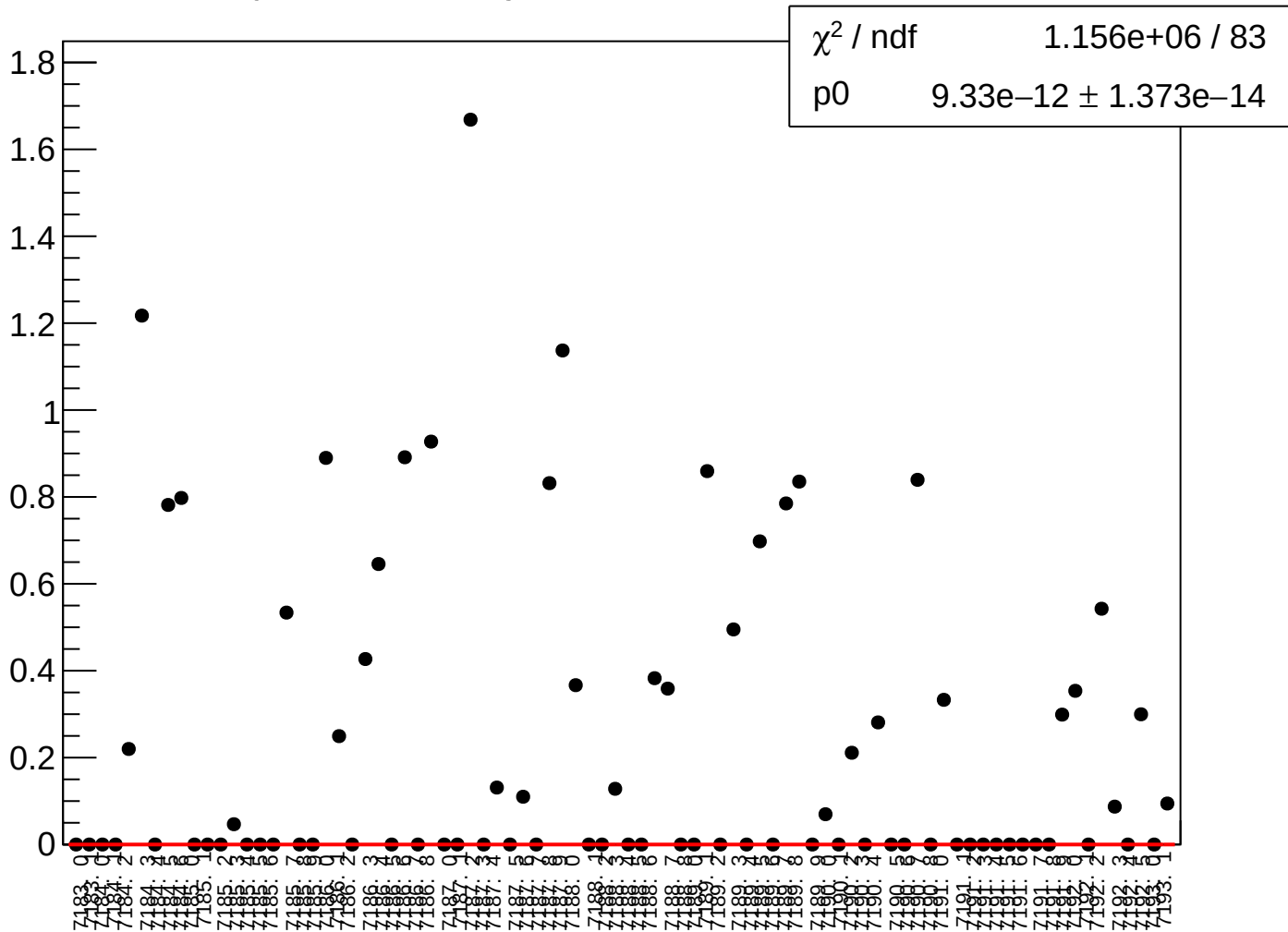
asym_atl1_rms vs run



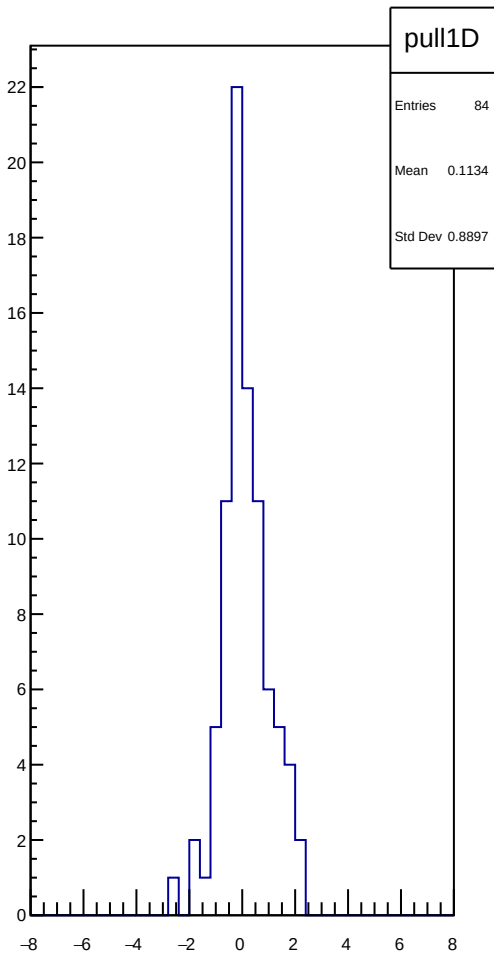
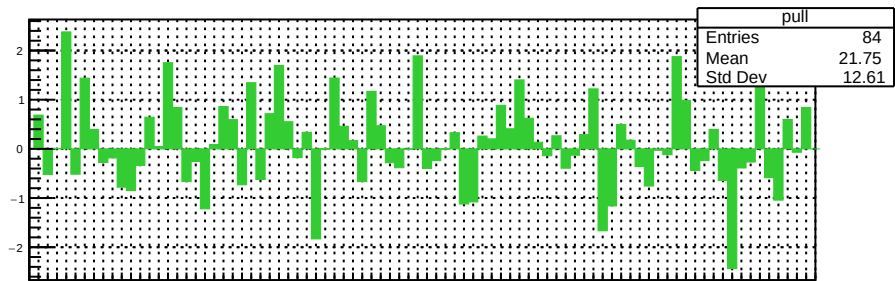
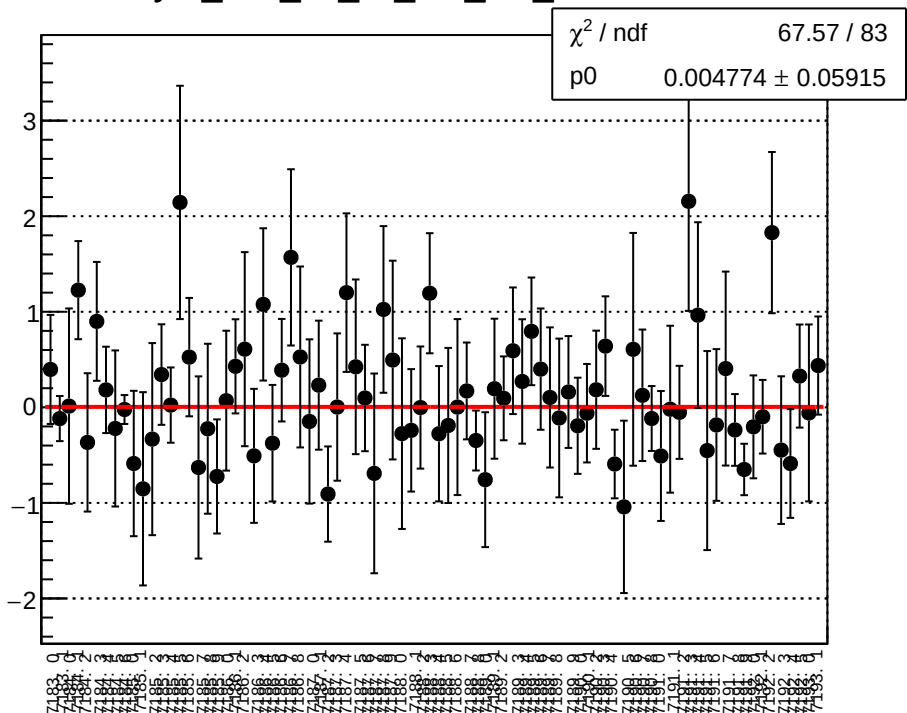
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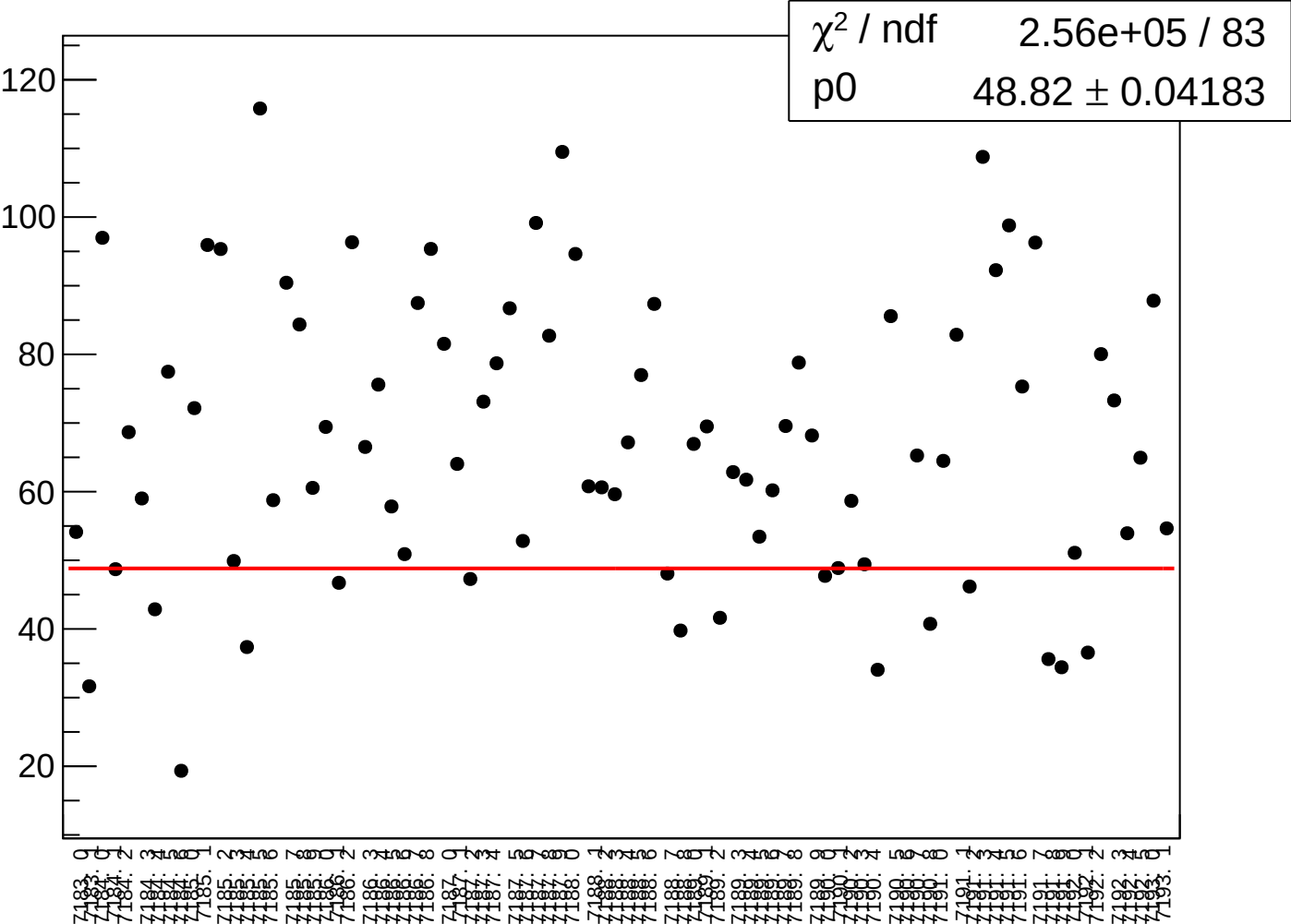
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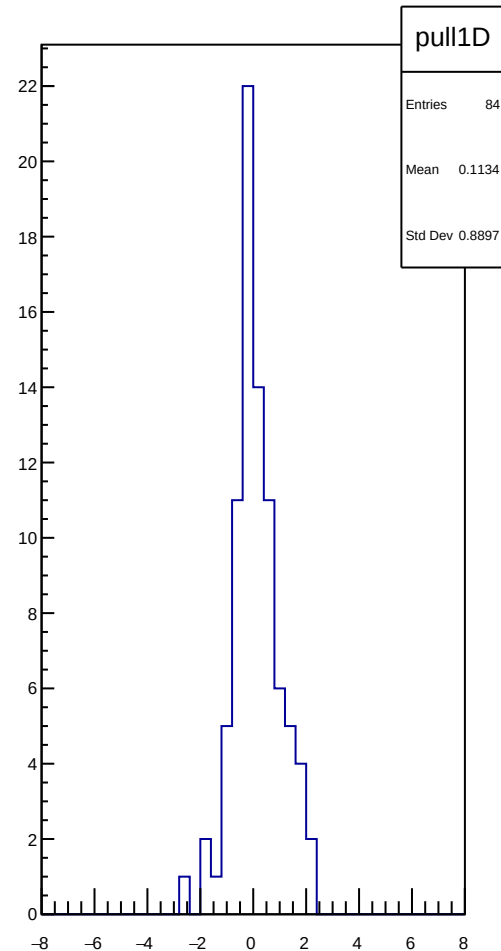
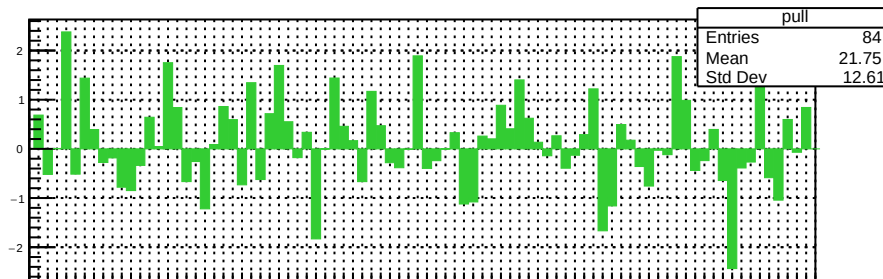
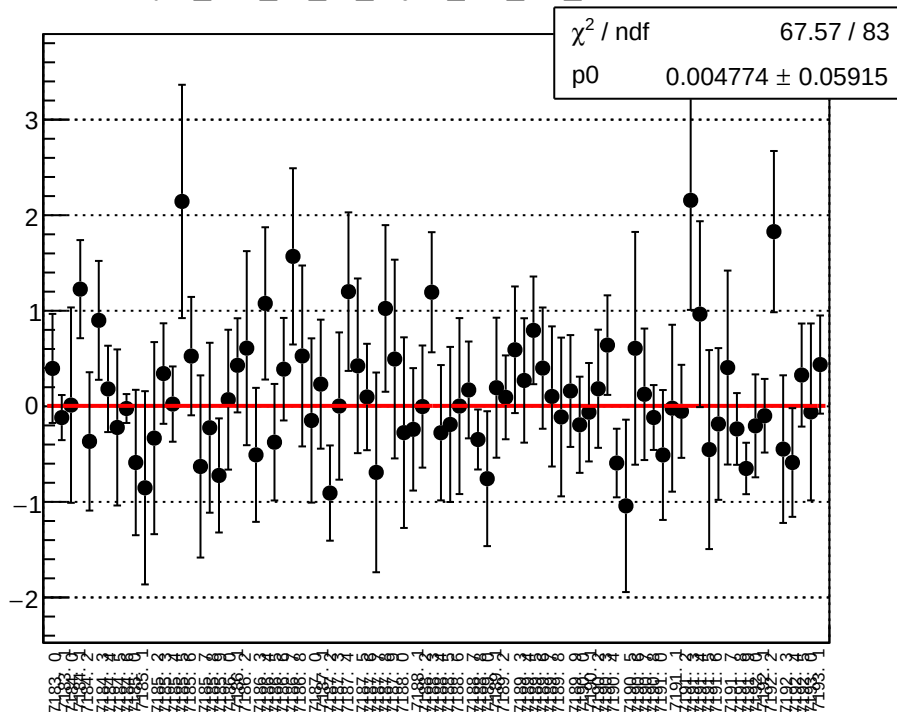
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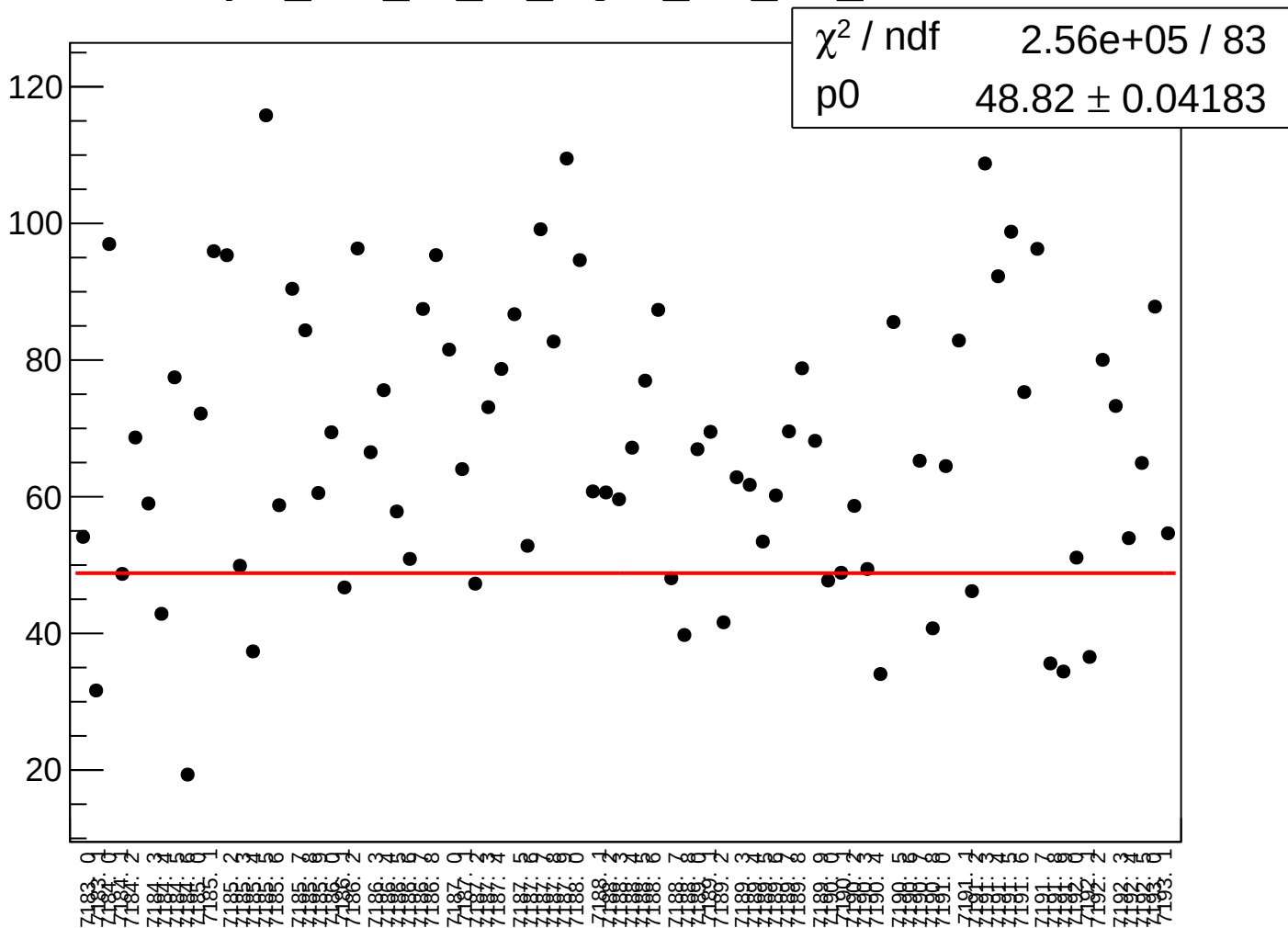
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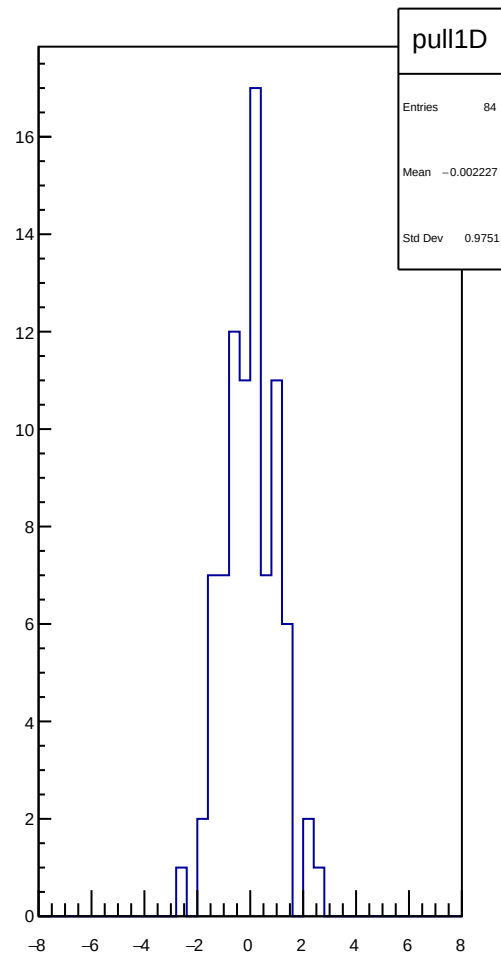
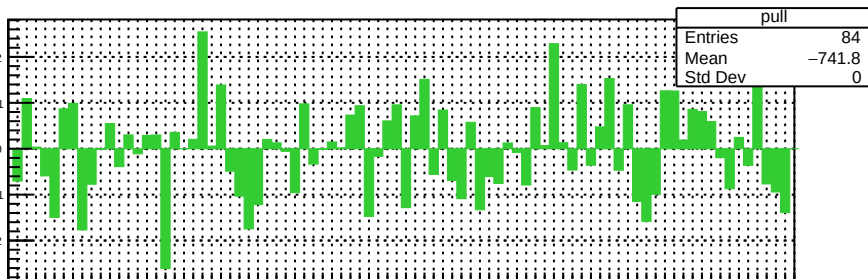
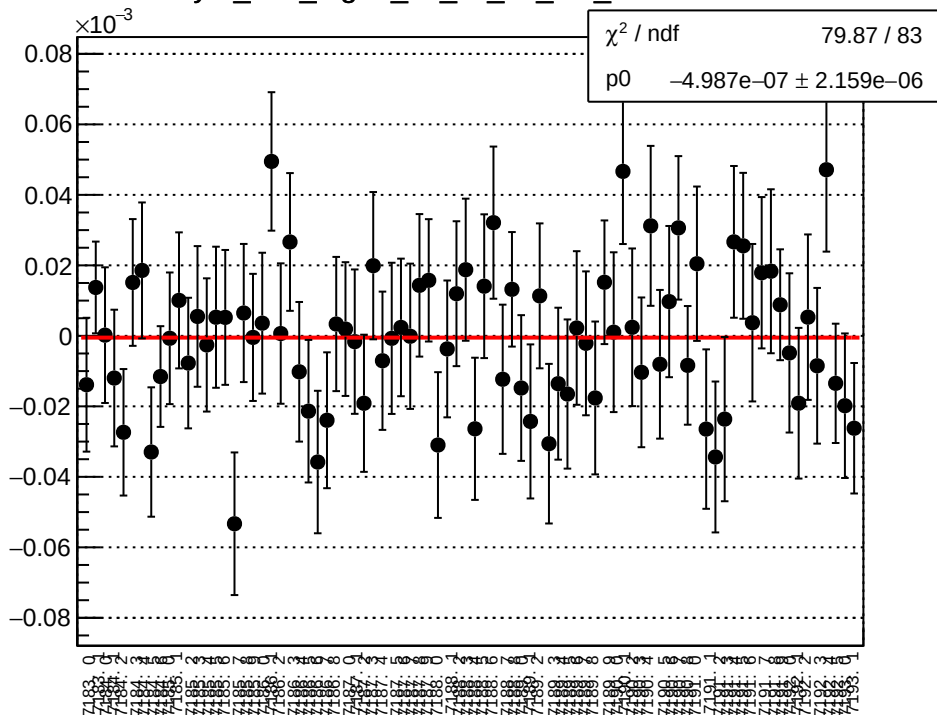
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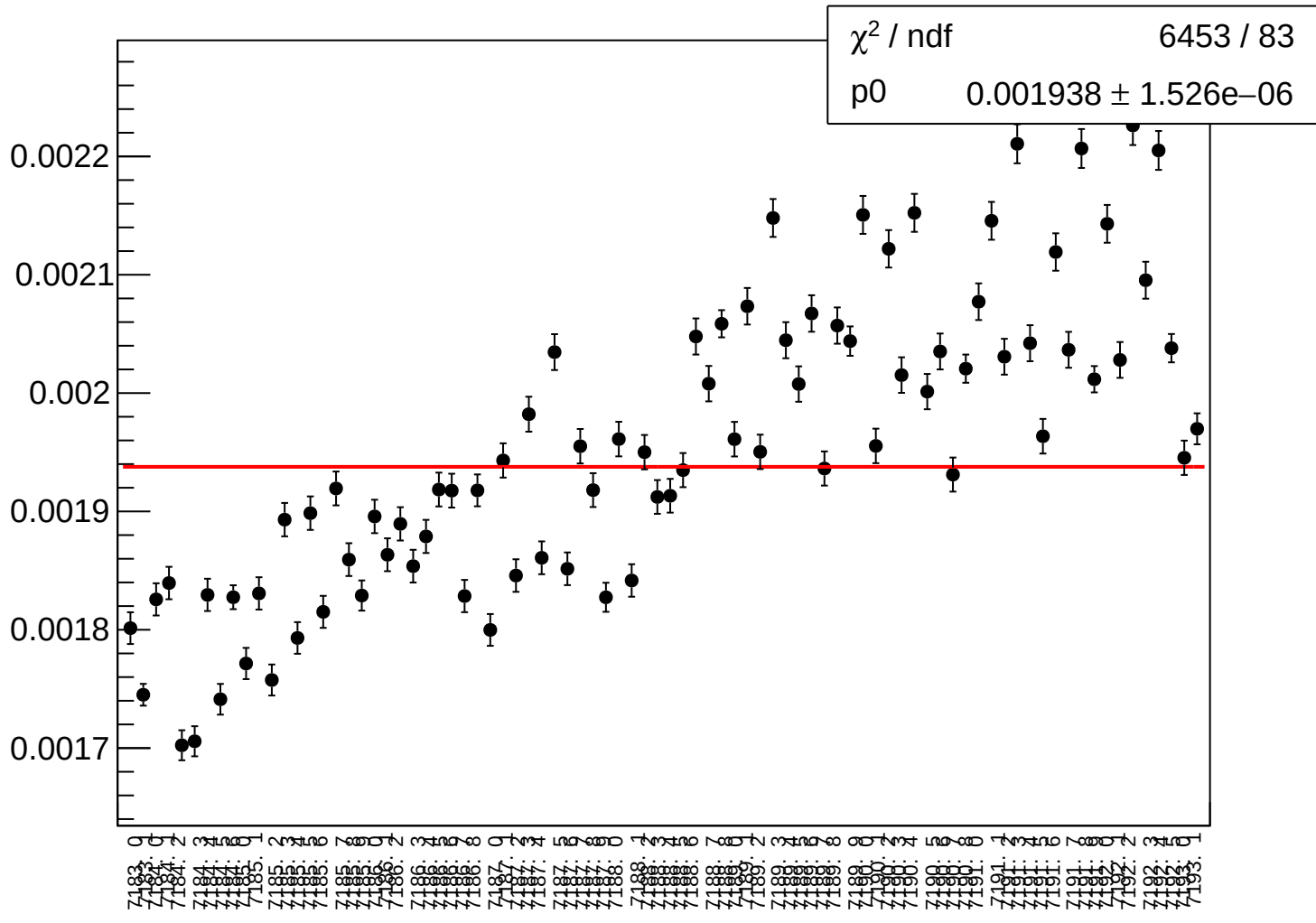
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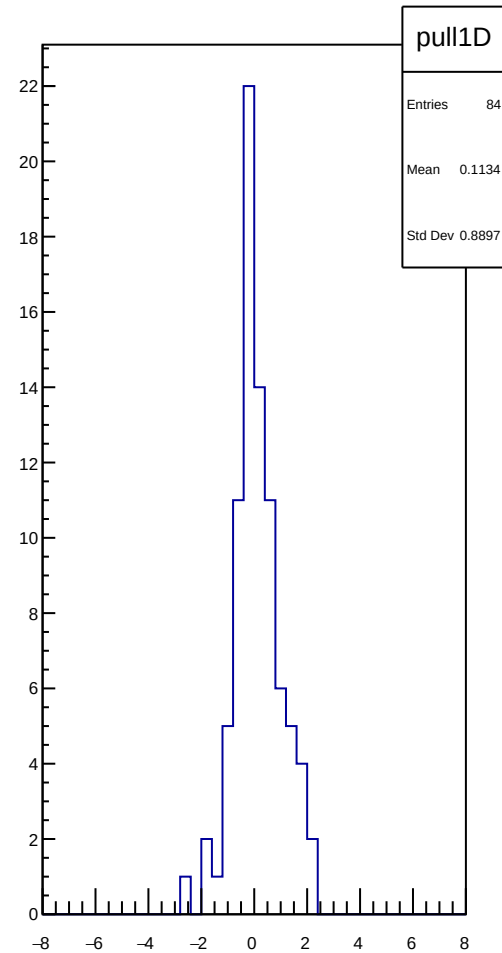
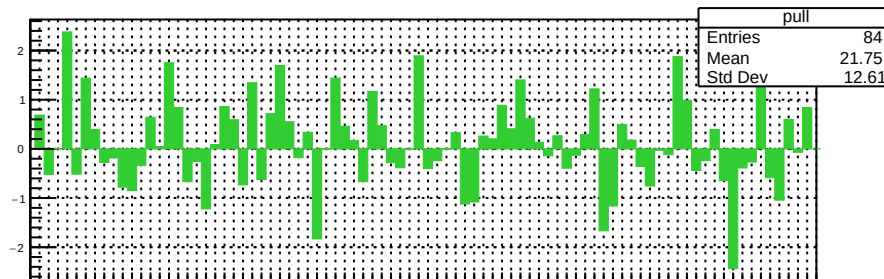
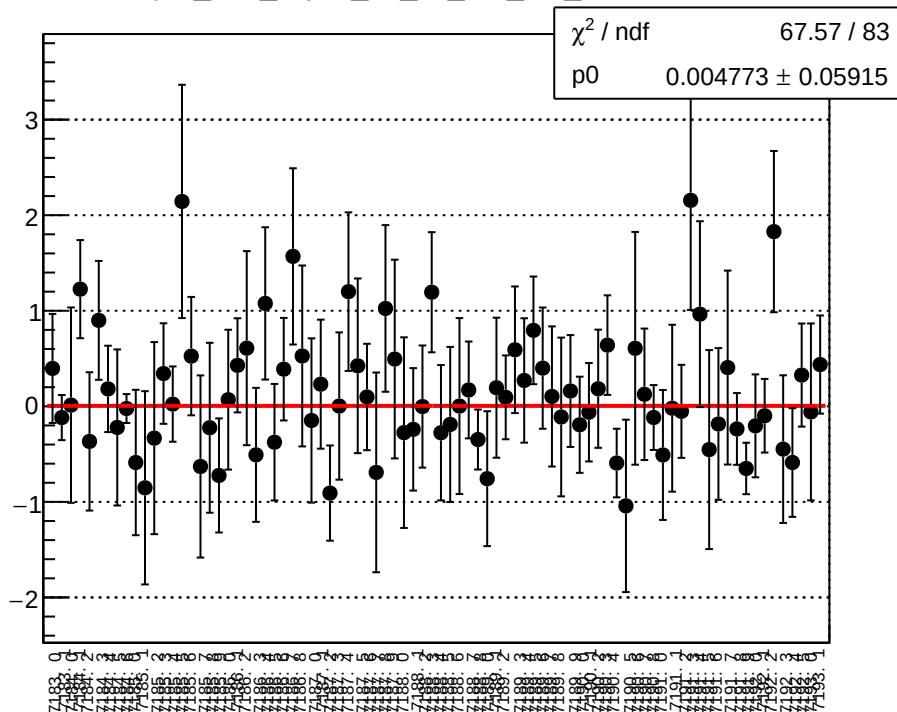
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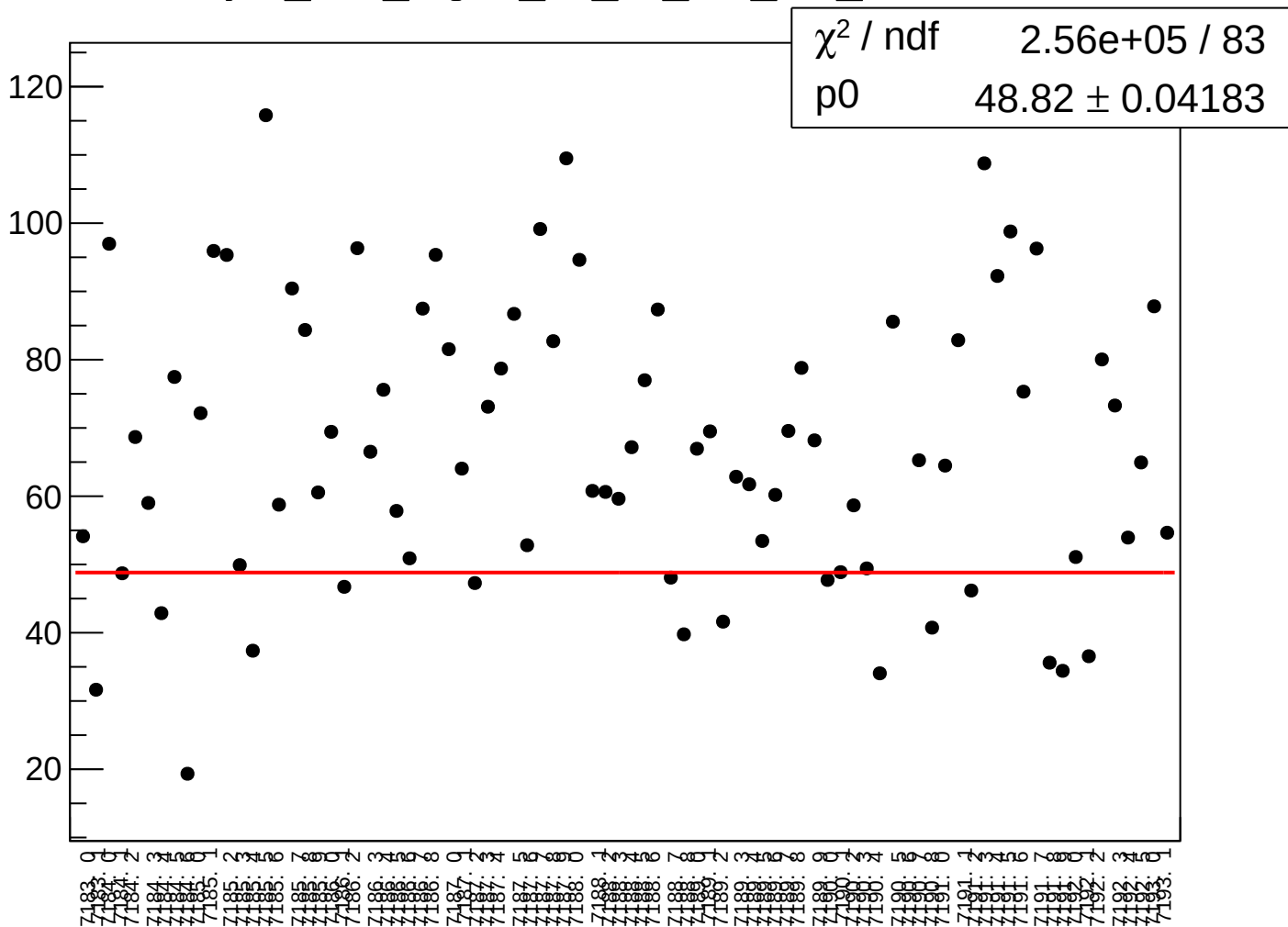
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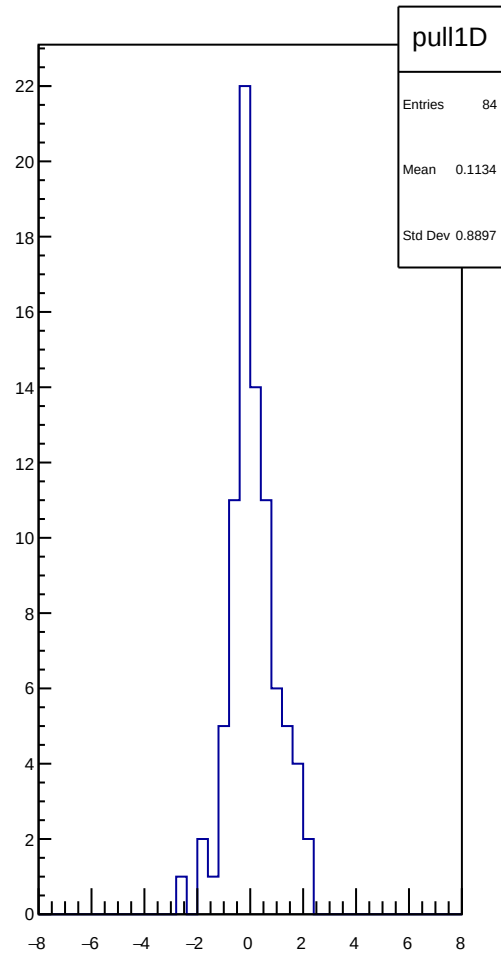
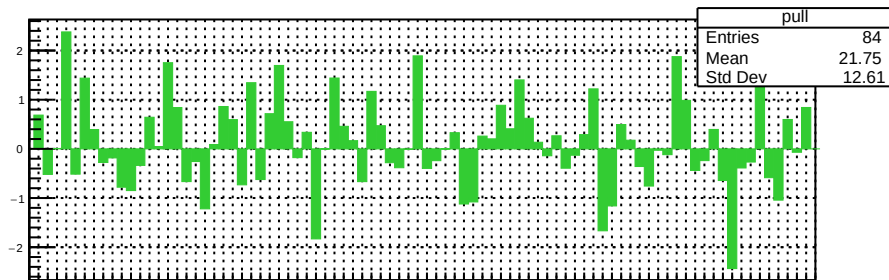
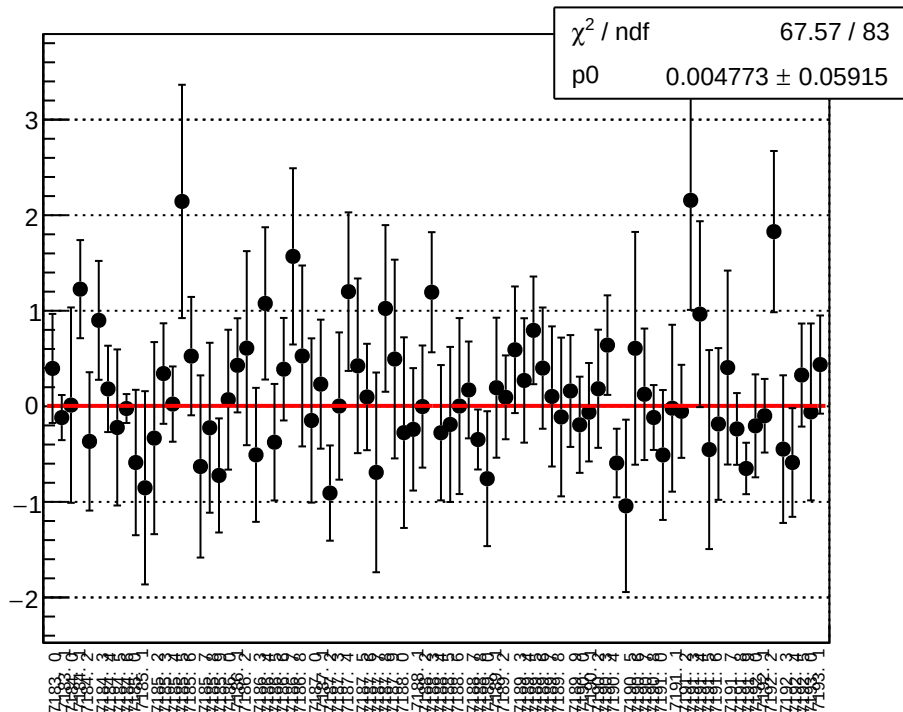
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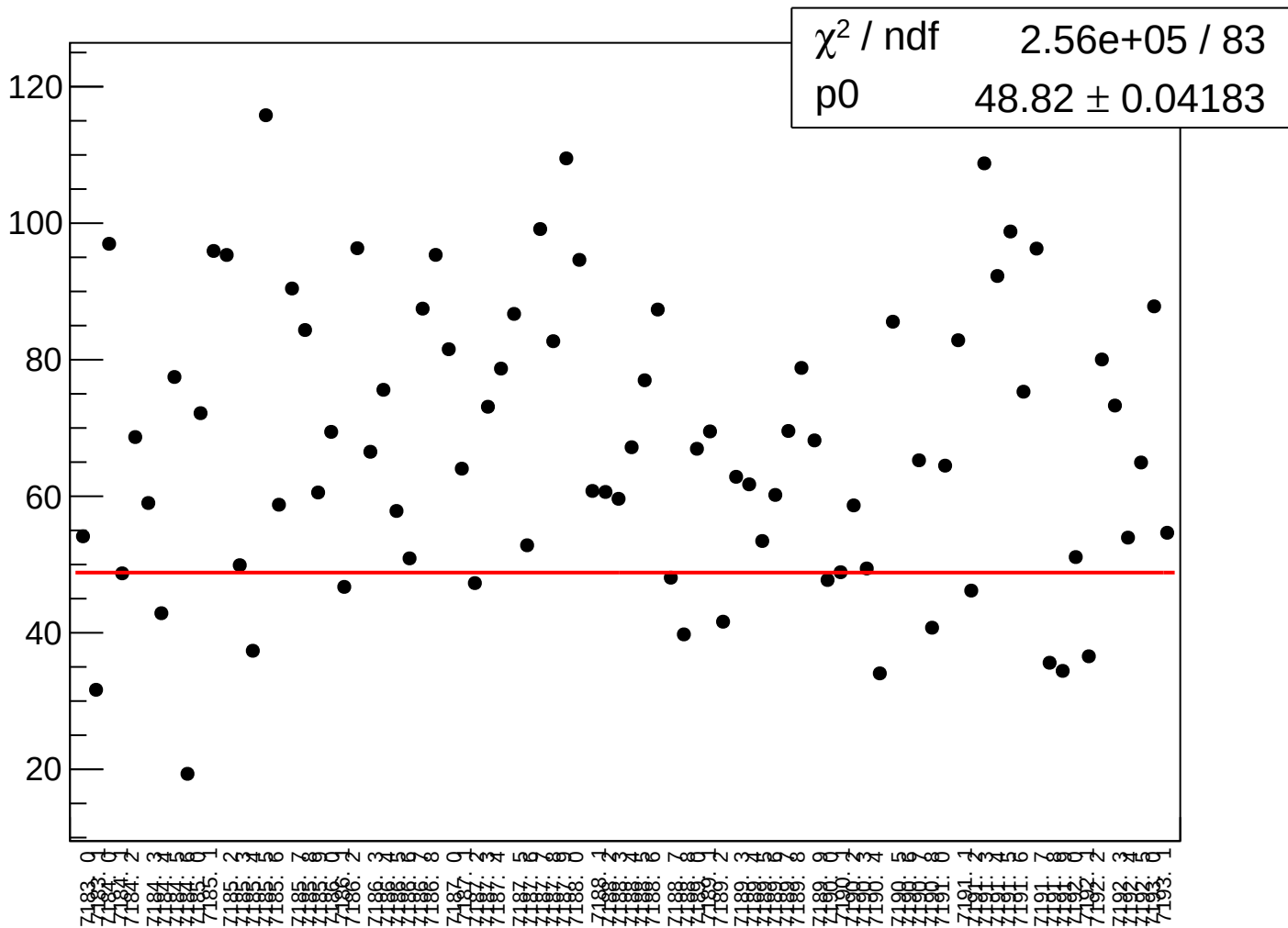
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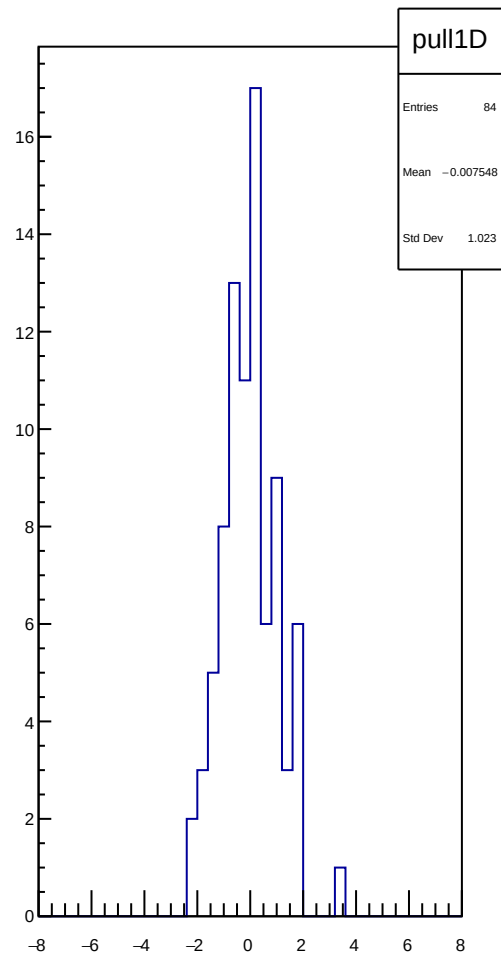
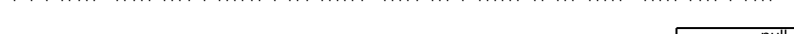
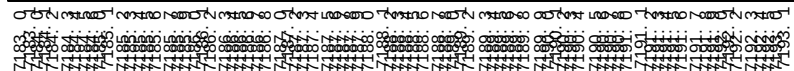
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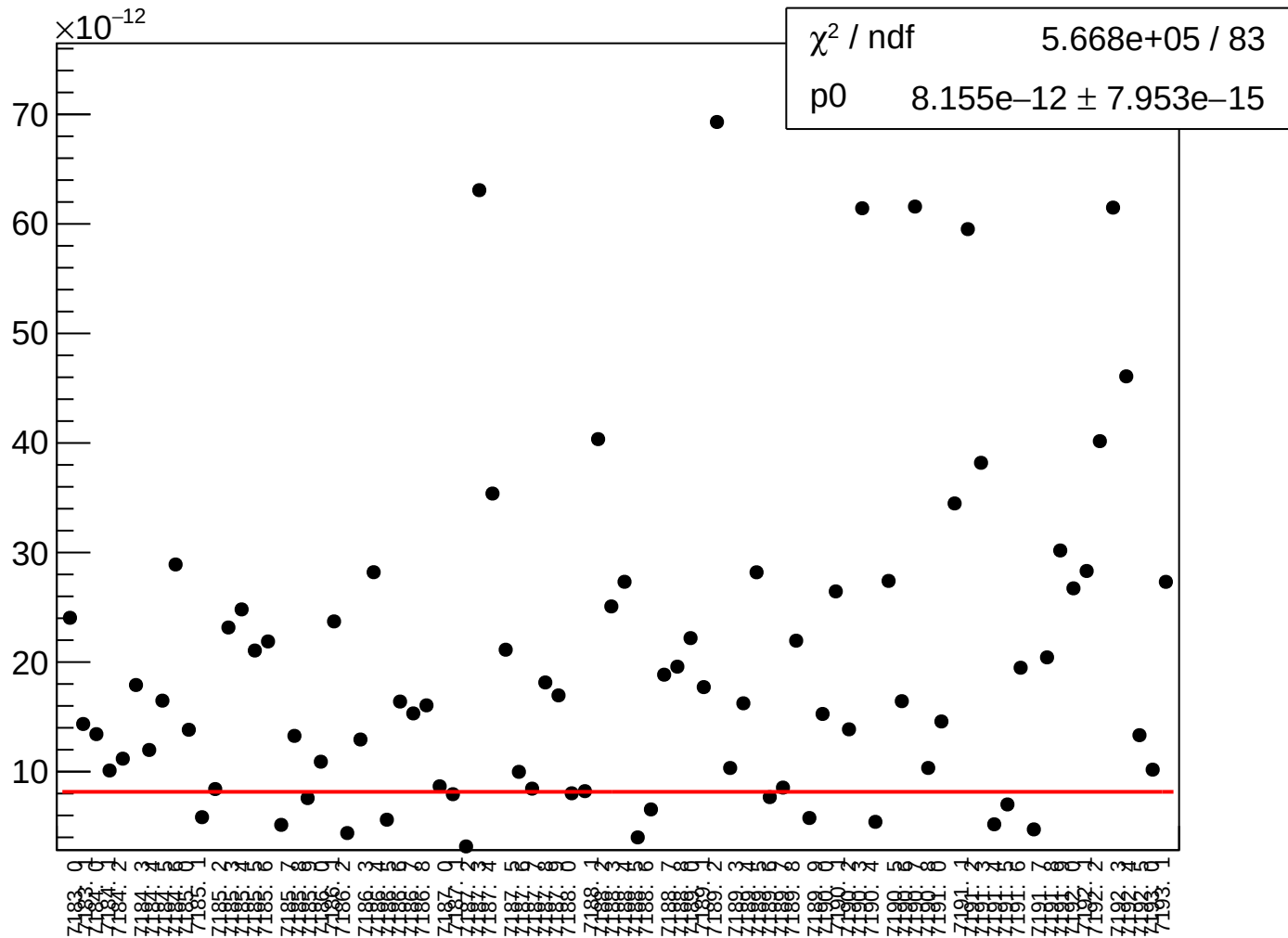
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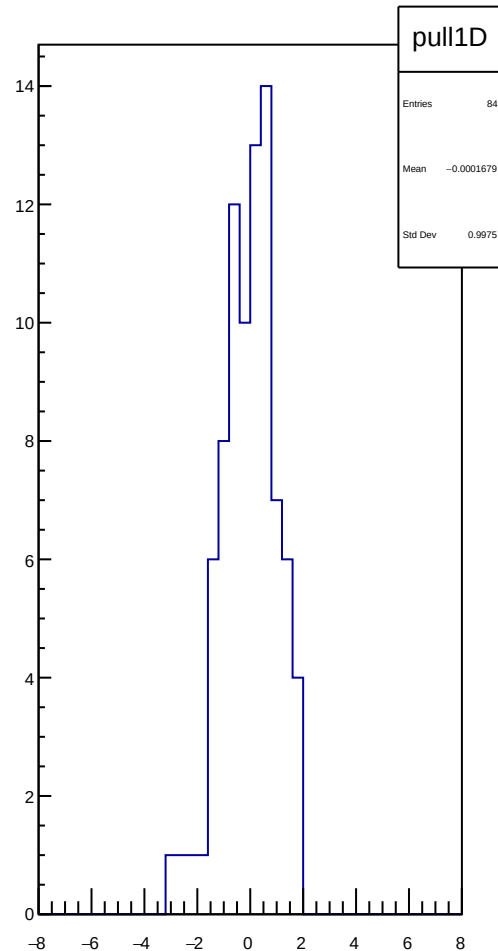
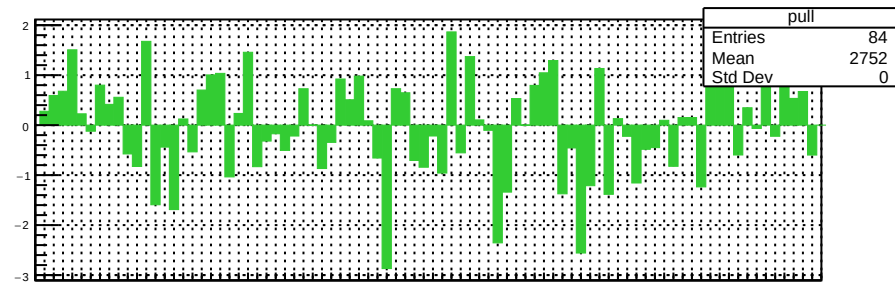
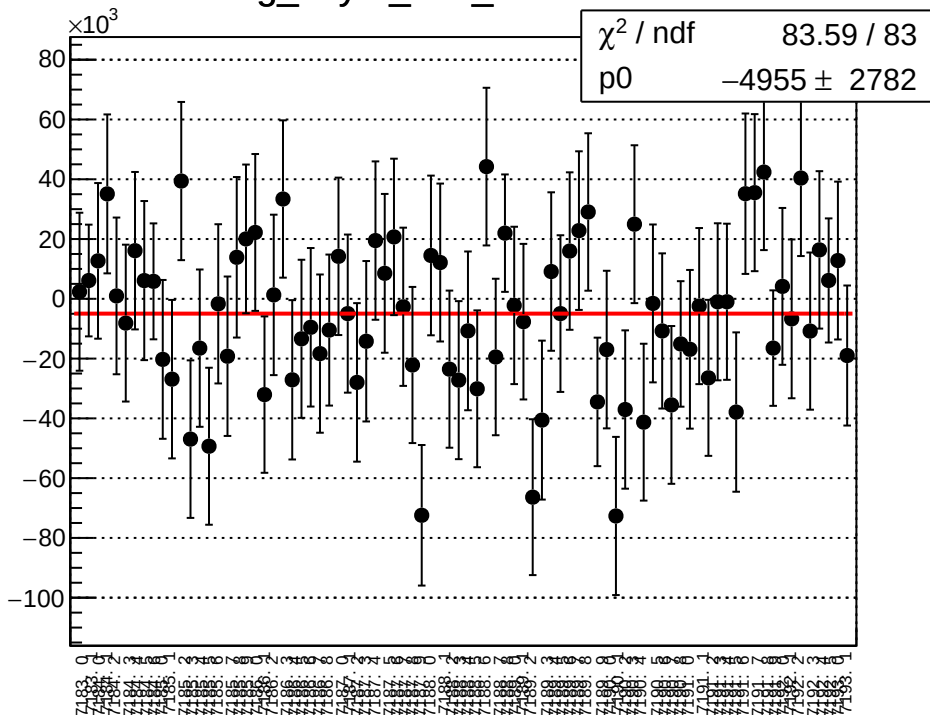
χ^2 / ndf	87.89 / 83
p0	$1.515\text{e-}14 \pm 1.125\text{e-}14$



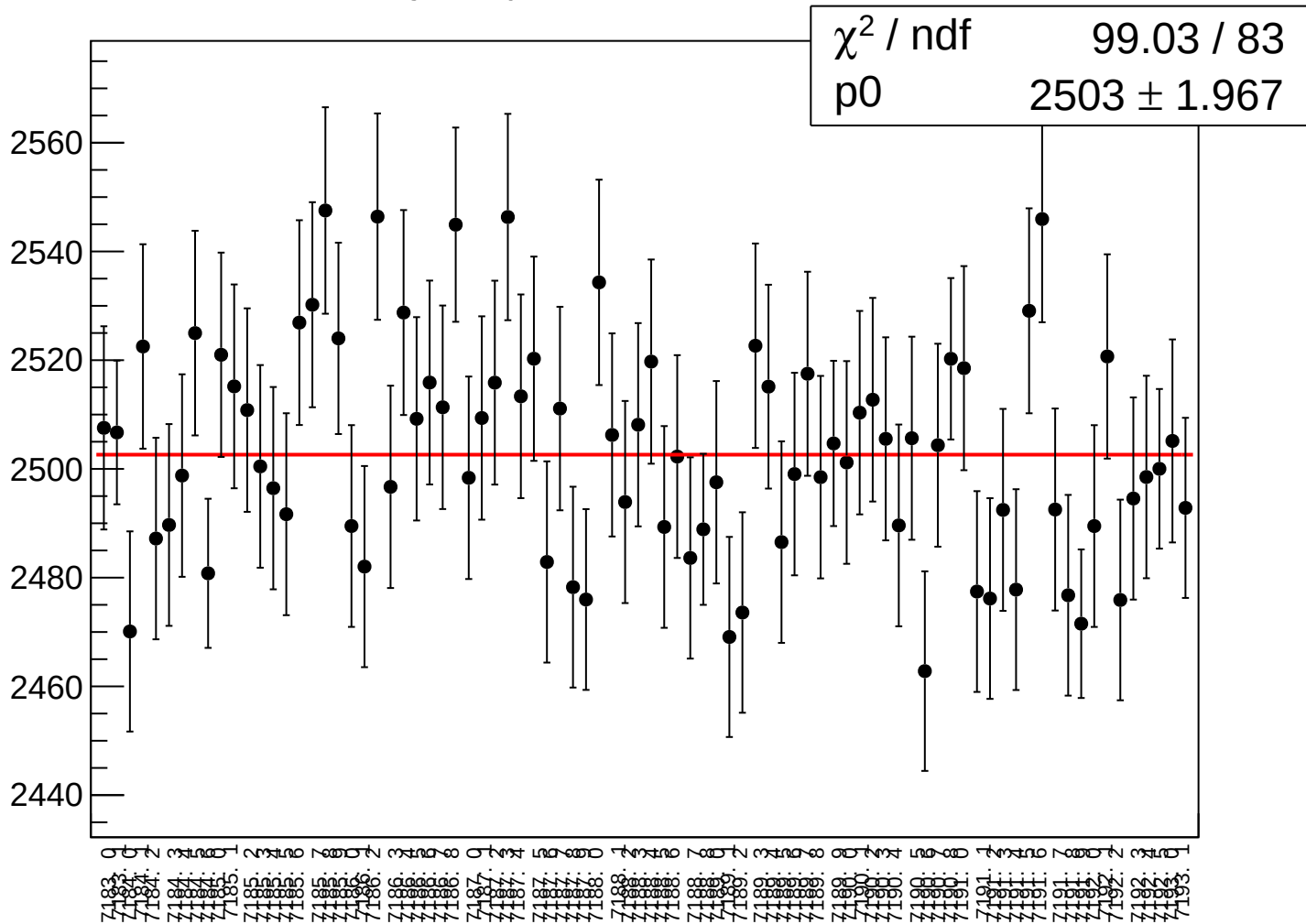
asym atl1 eigen cor vs cor diff rms vs run



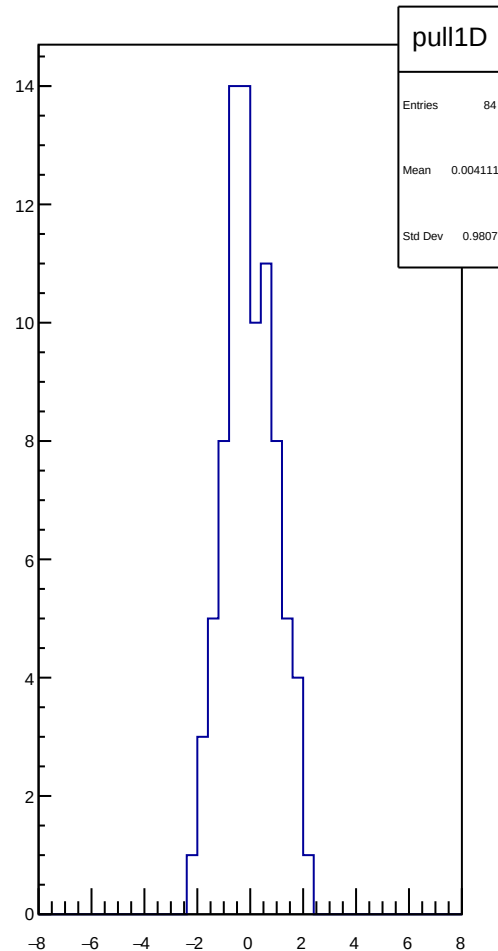
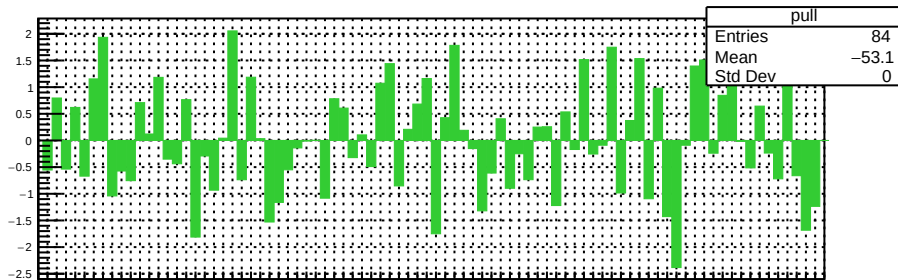
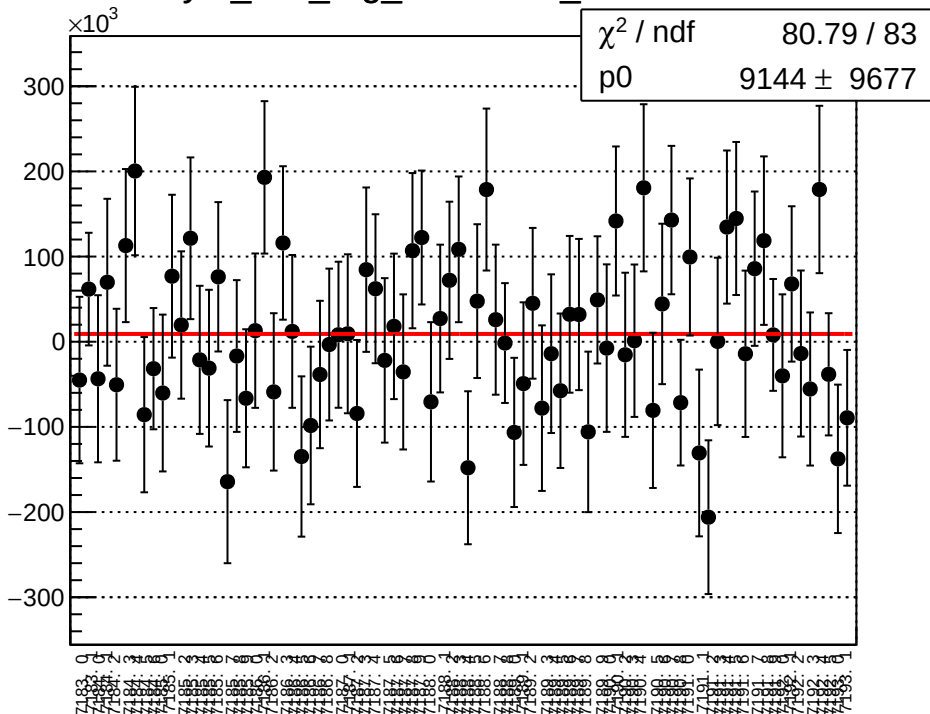
reg_asym_atl2_mean vs run



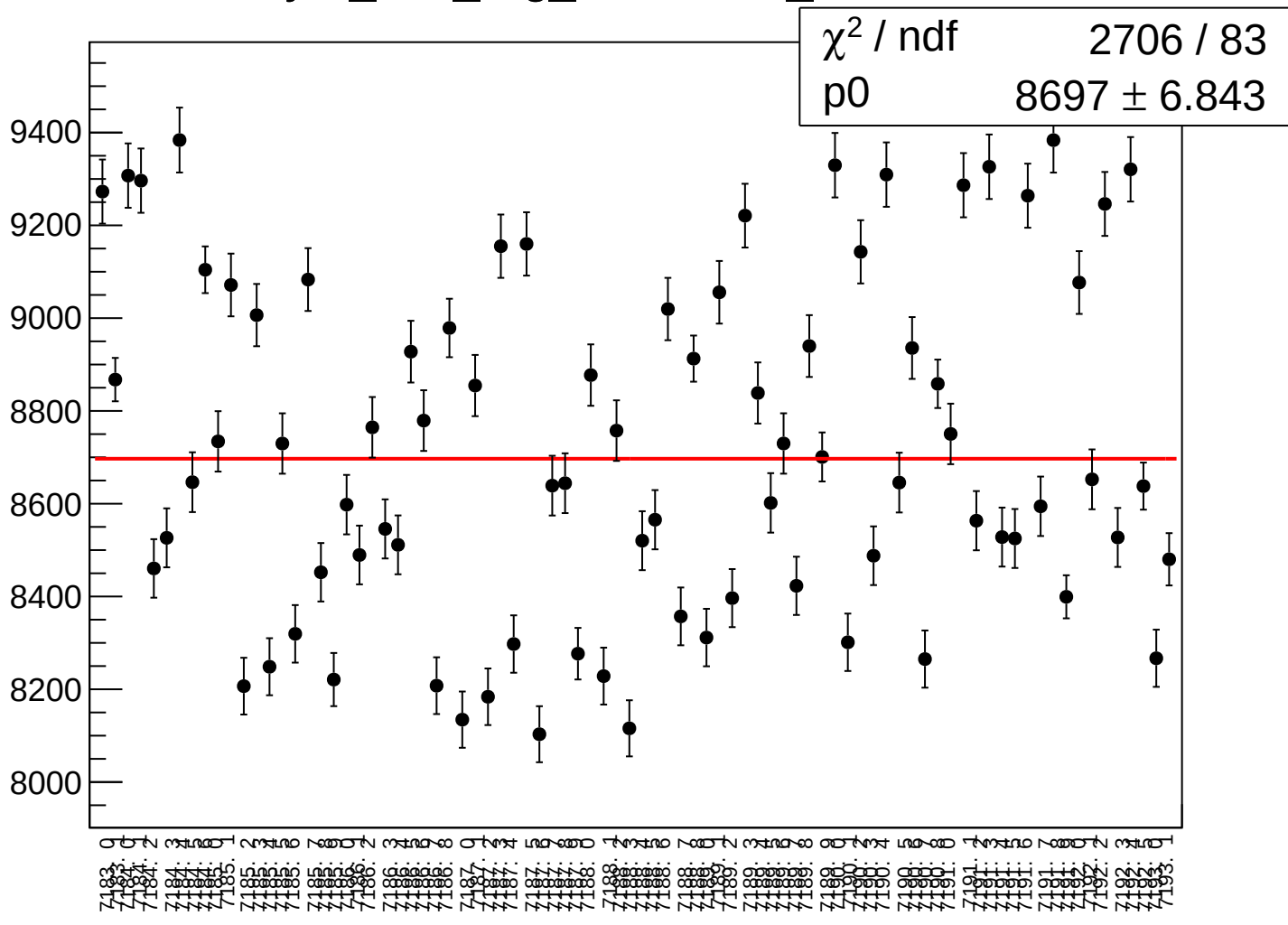
reg_asym_atl2_rms vs run



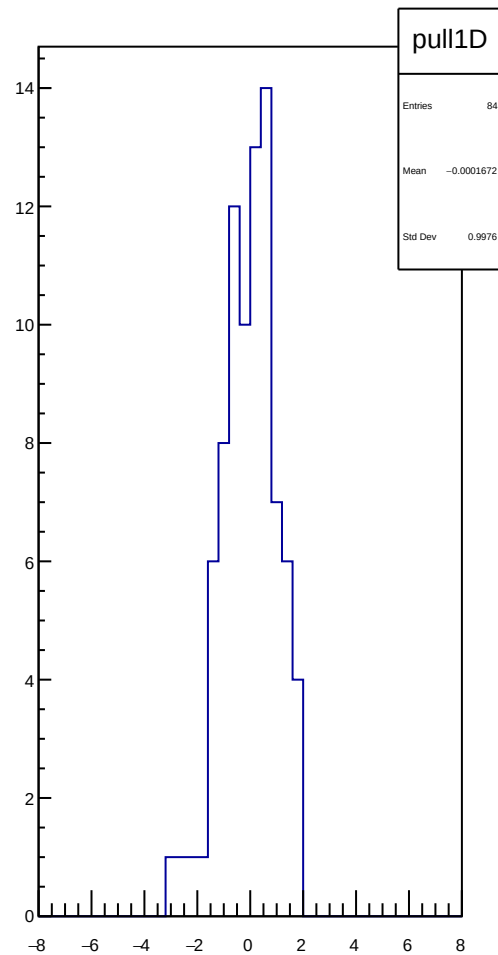
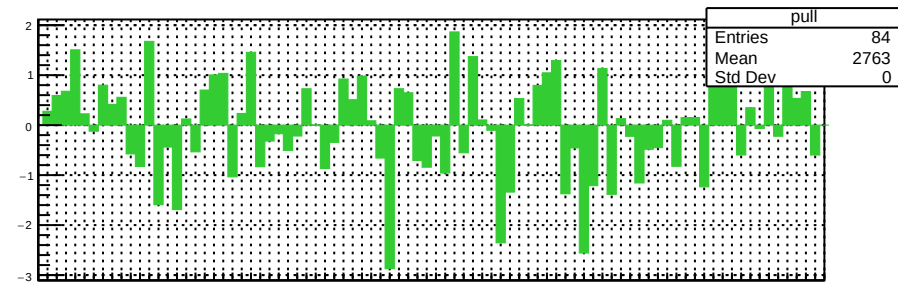
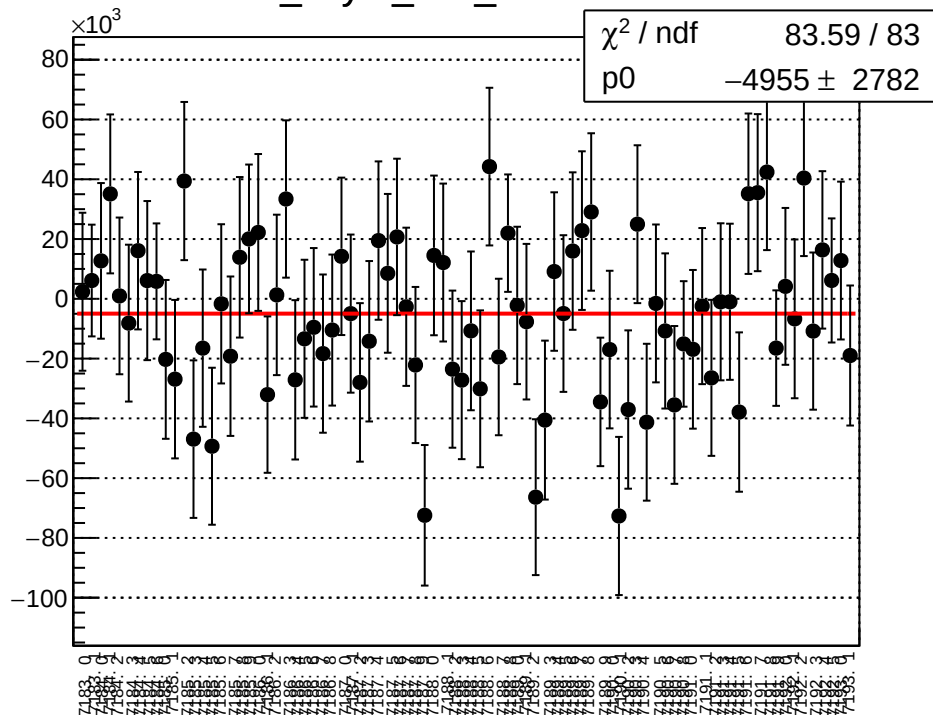
asym_atl2_reg_correction_mean vs run



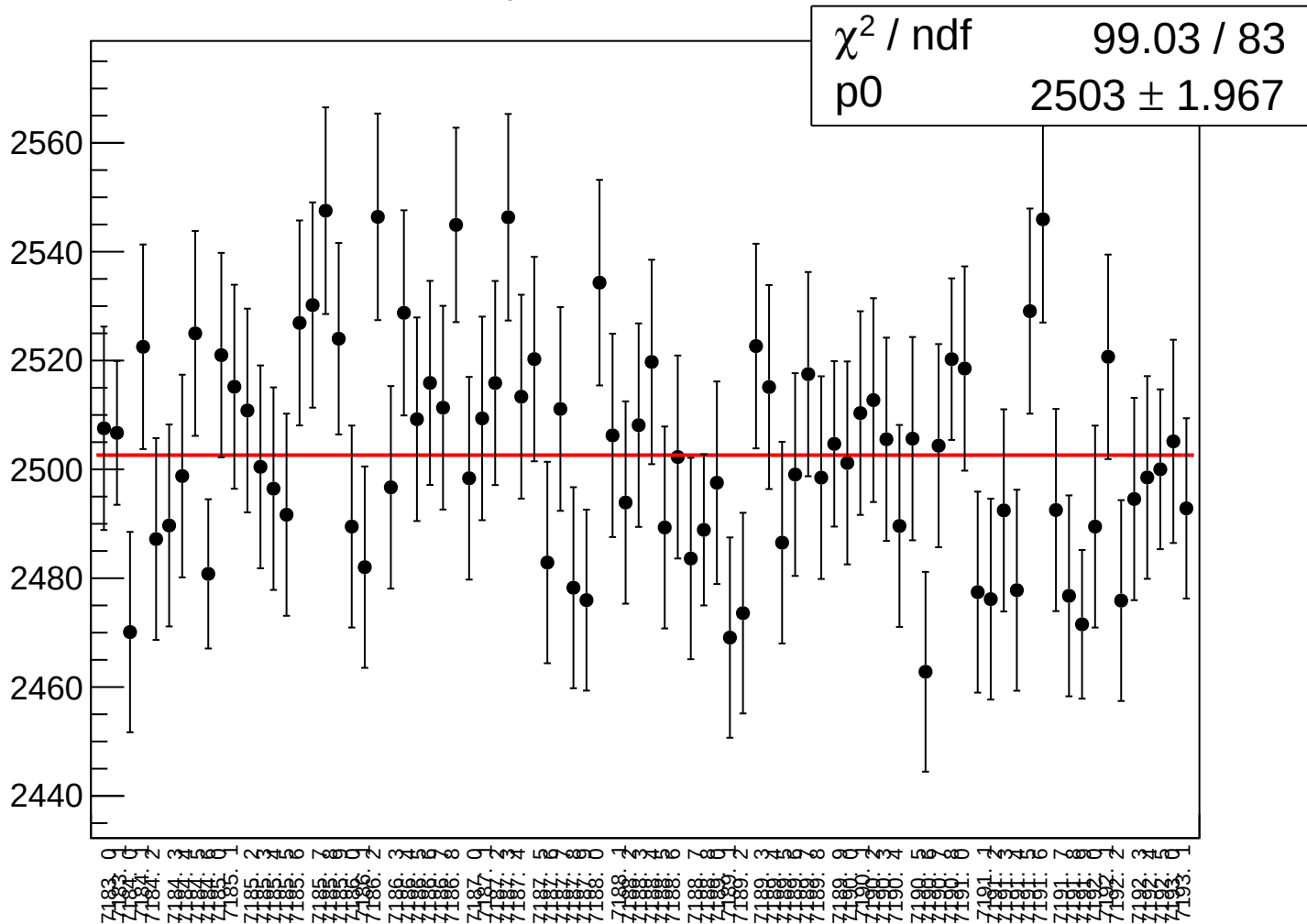
asym_atl2_reg_correction_rms vs run



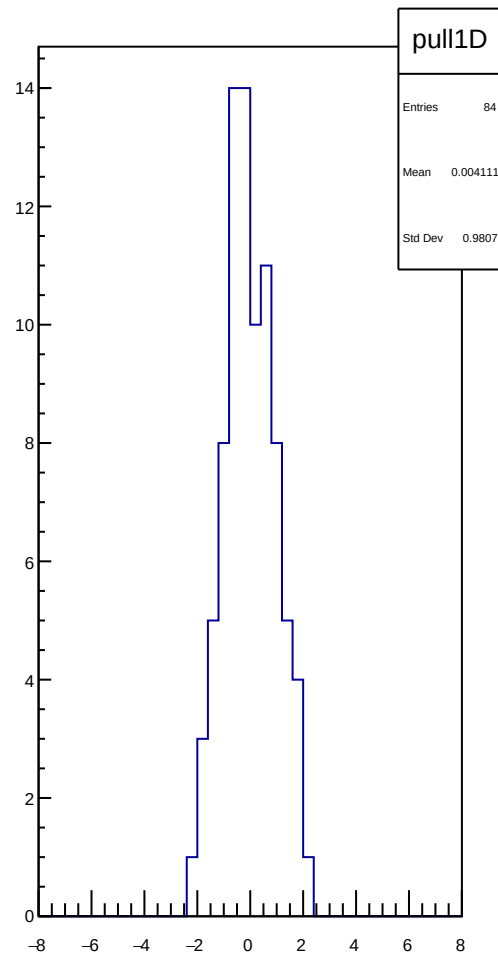
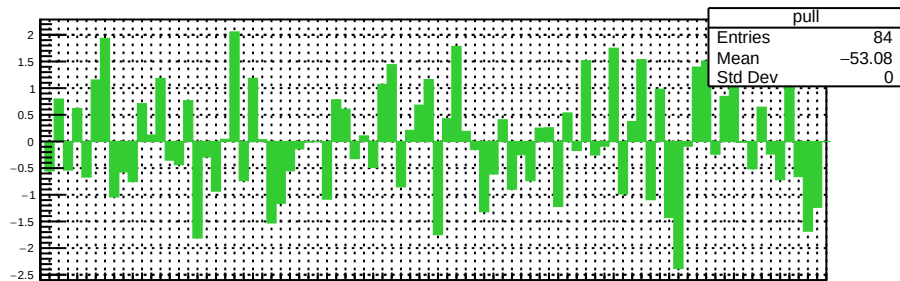
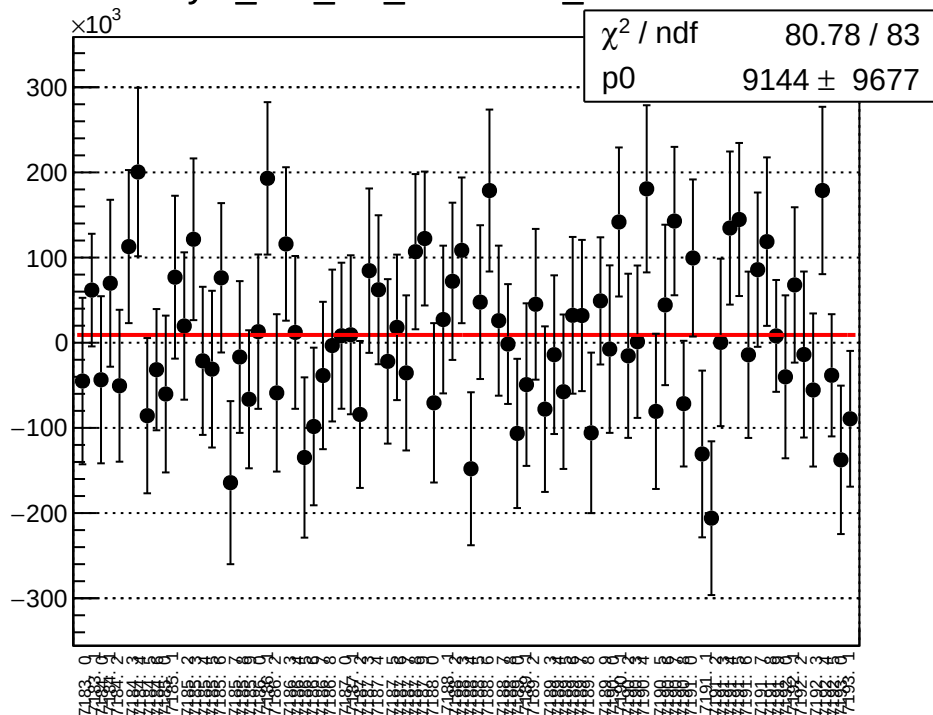
cor_asym_atl2_mean vs run



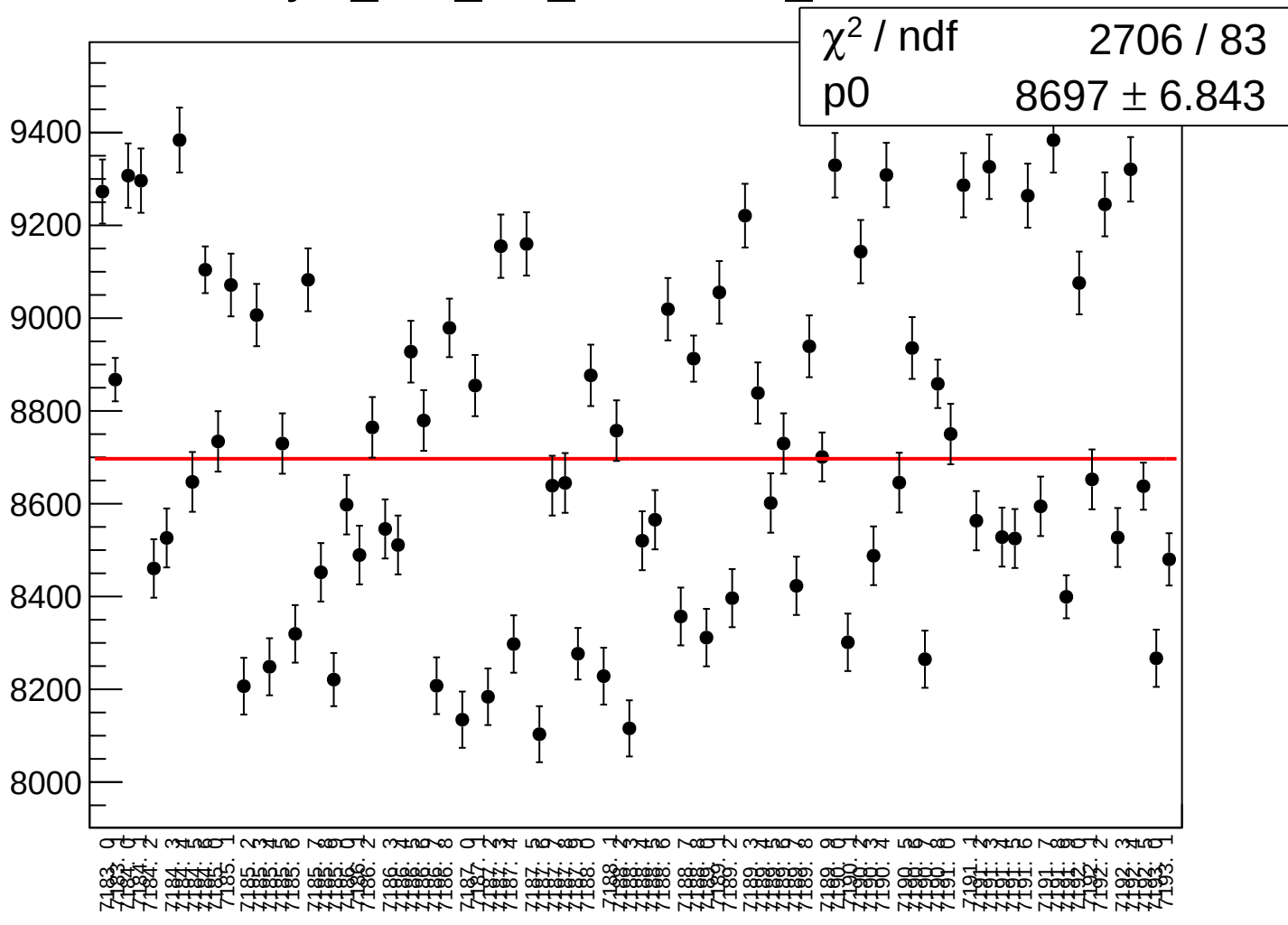
cor_asym_atl2_rms vs run



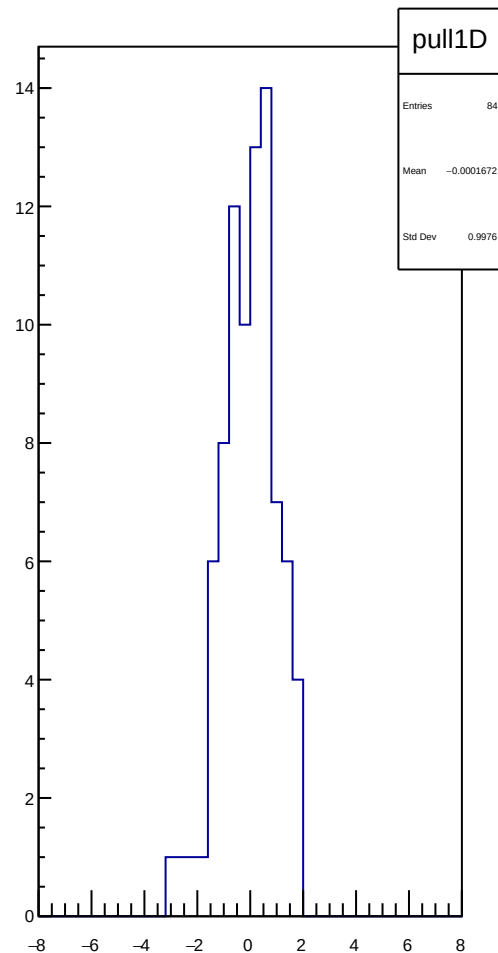
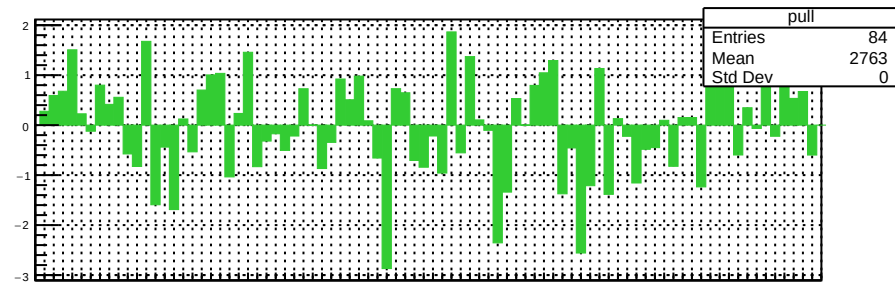
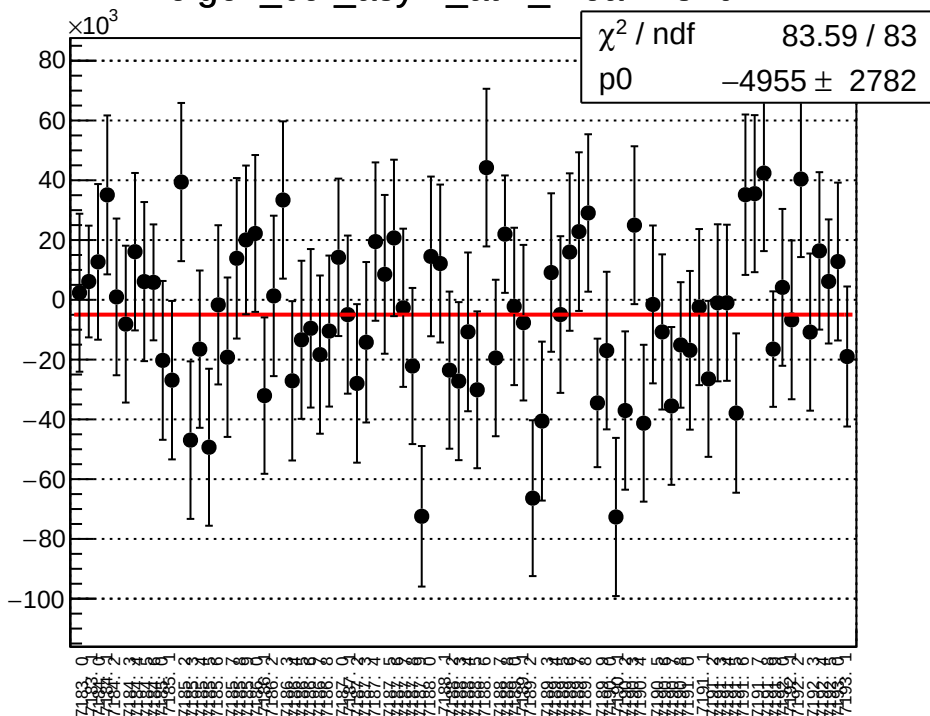
asym_atl2_cor_correction_mean vs run



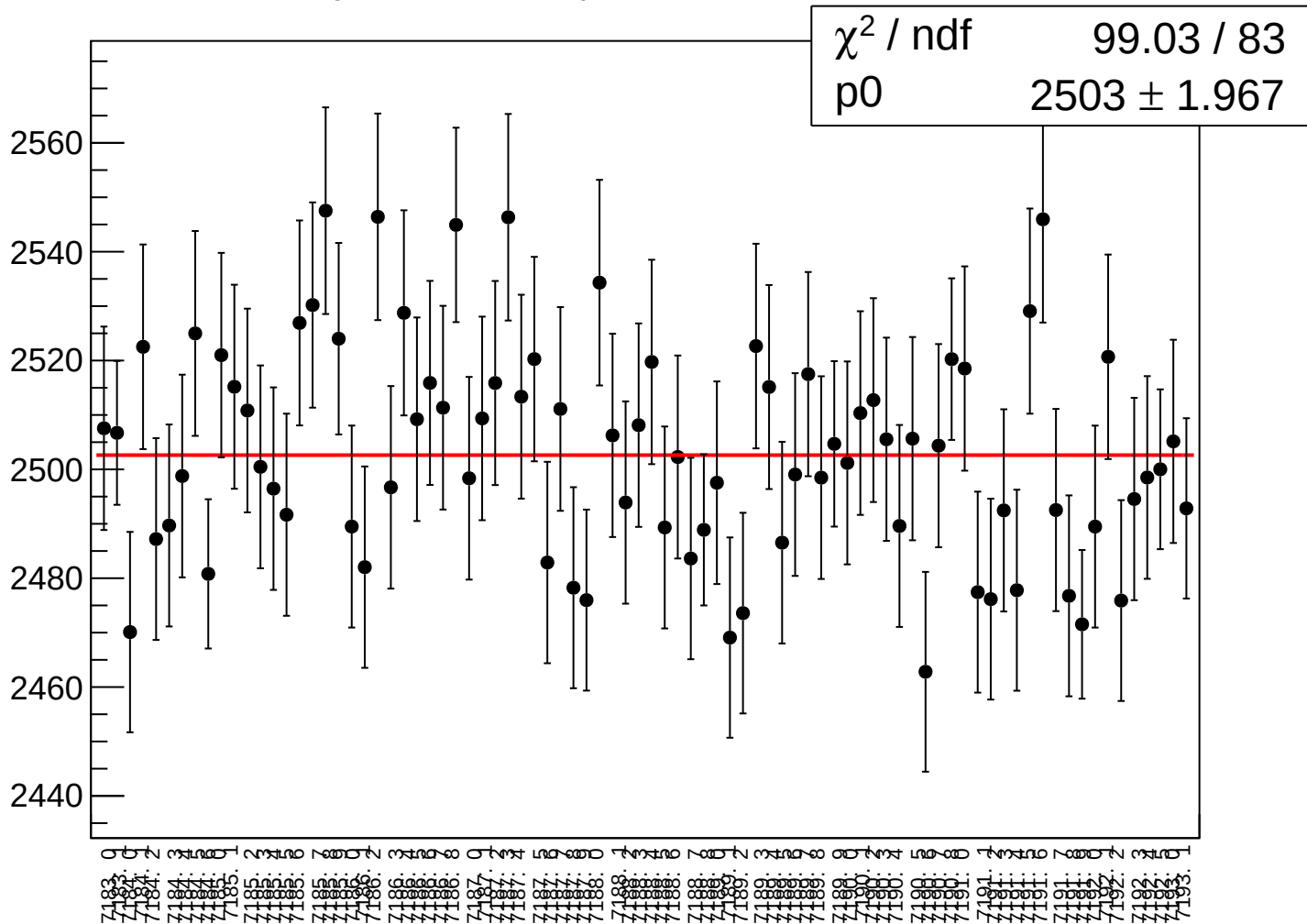
asym_atl2_cor_correction_rms vs run



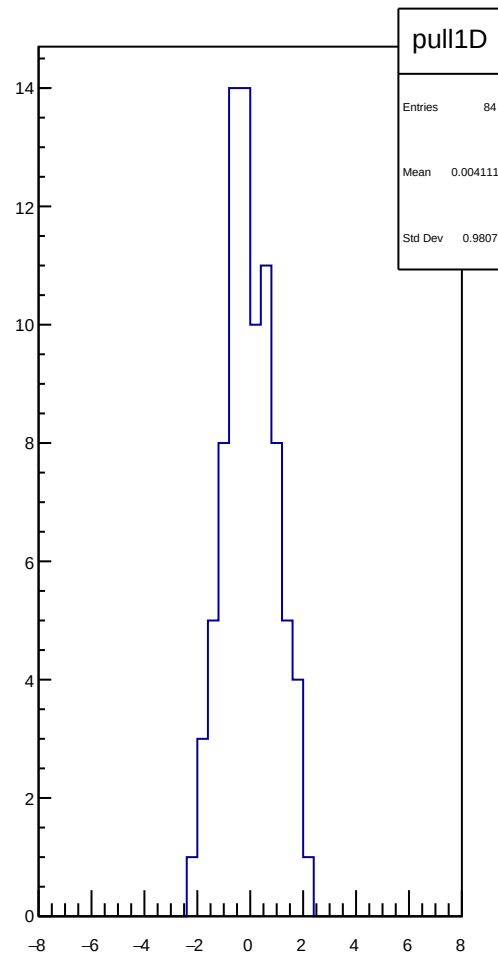
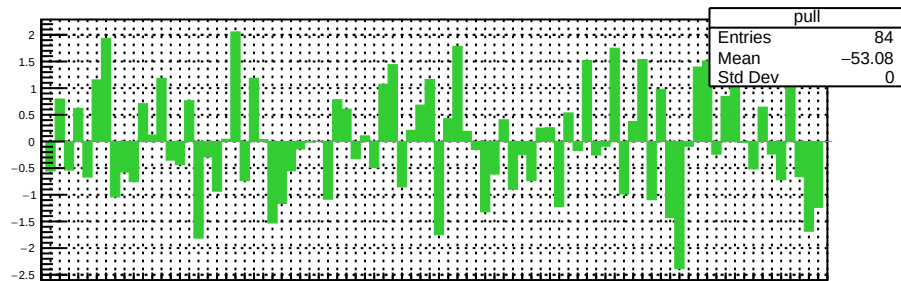
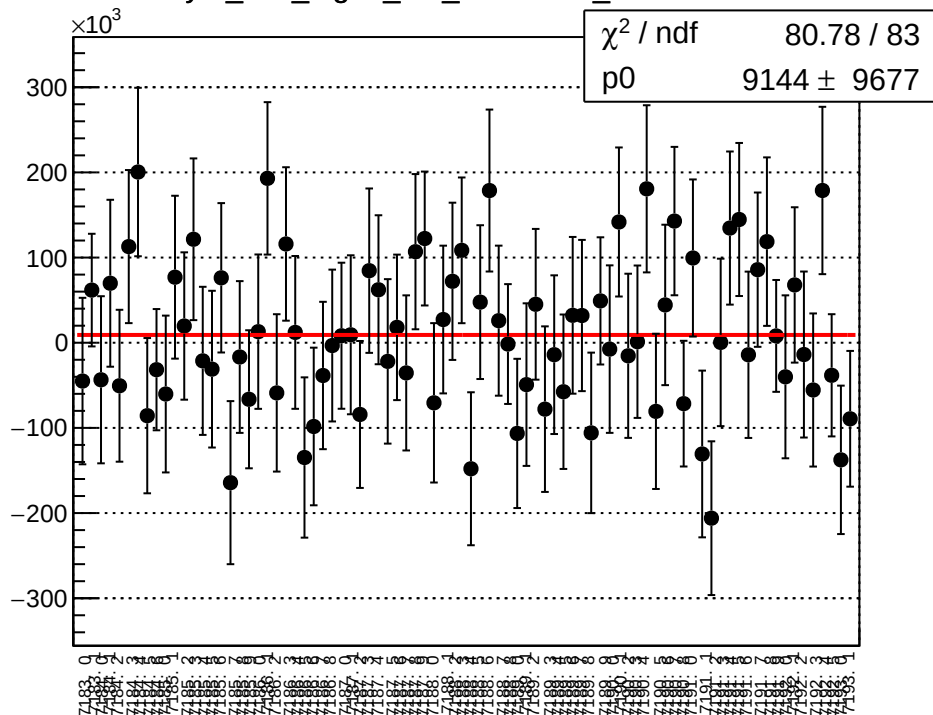
eigen_cor_asym_atl2_mean vs run



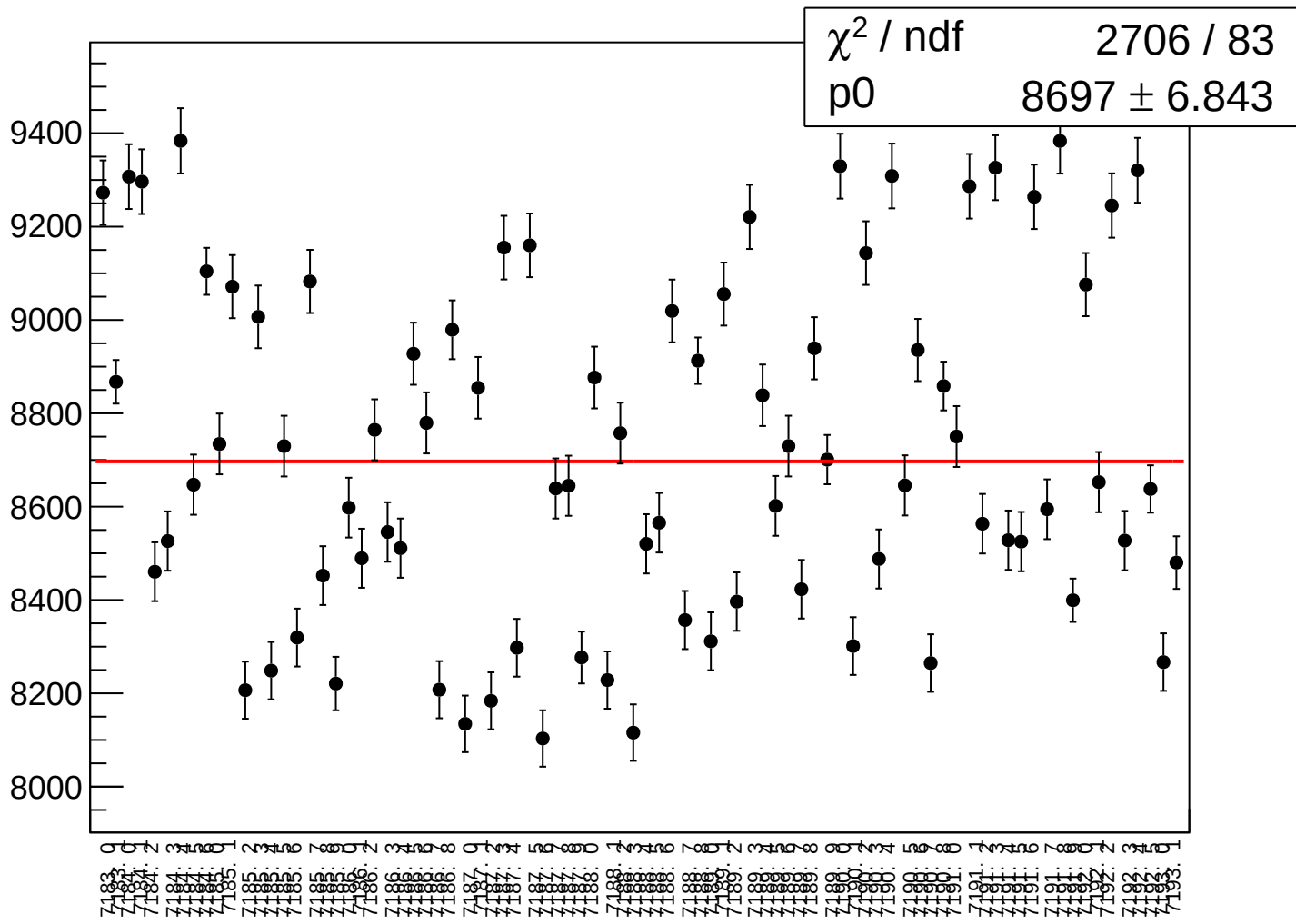
eigen_cor_asym_atl2_rms vs run



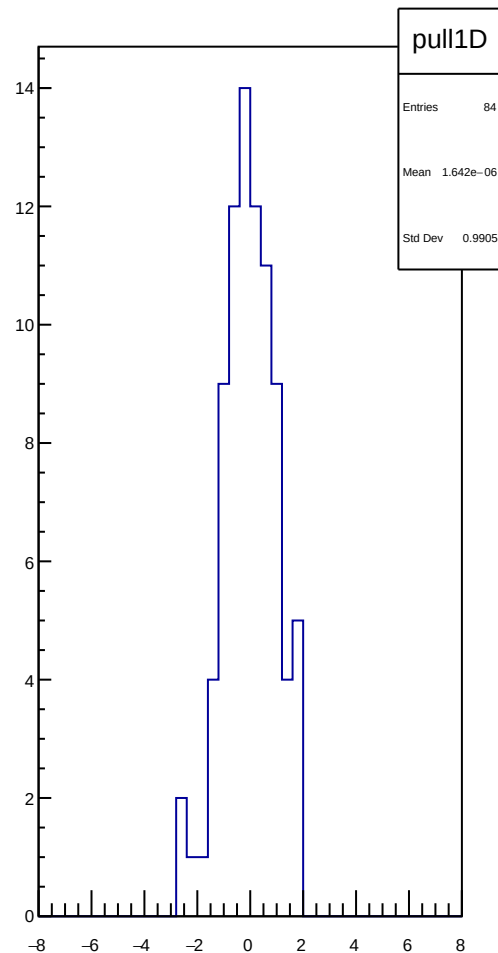
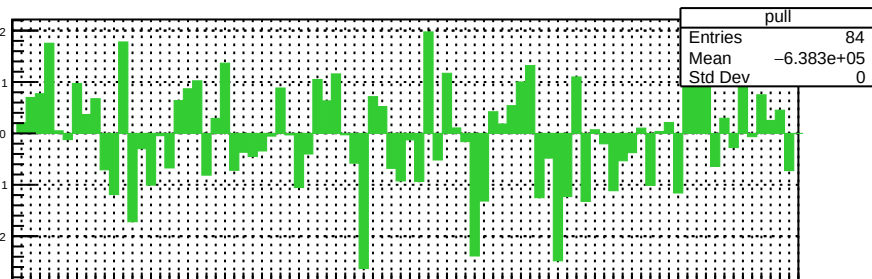
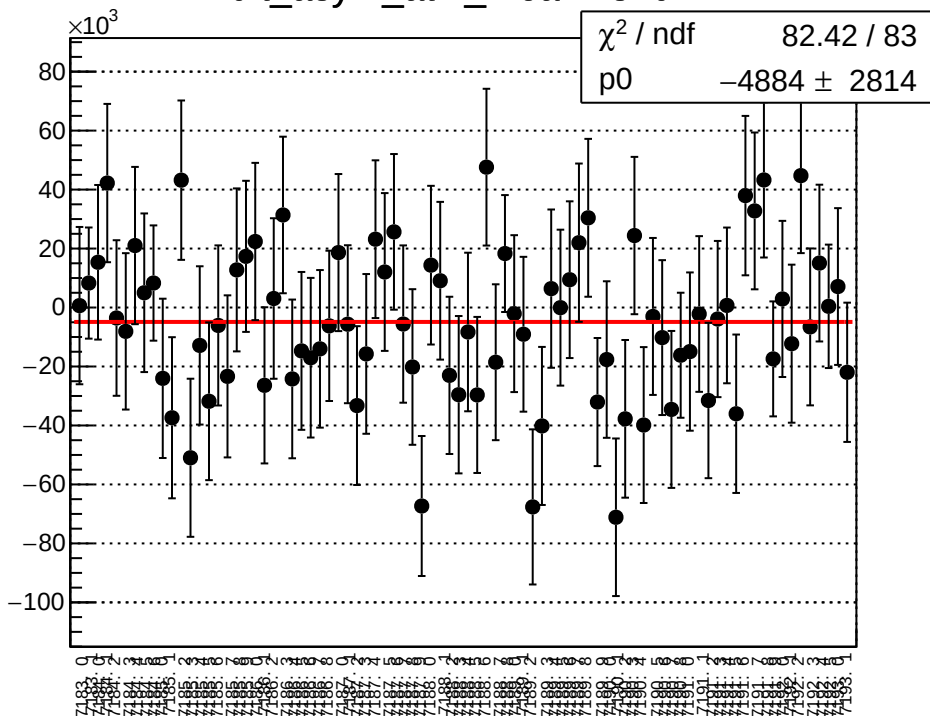
asym_atl2_eigen_cor_correction_mean vs run



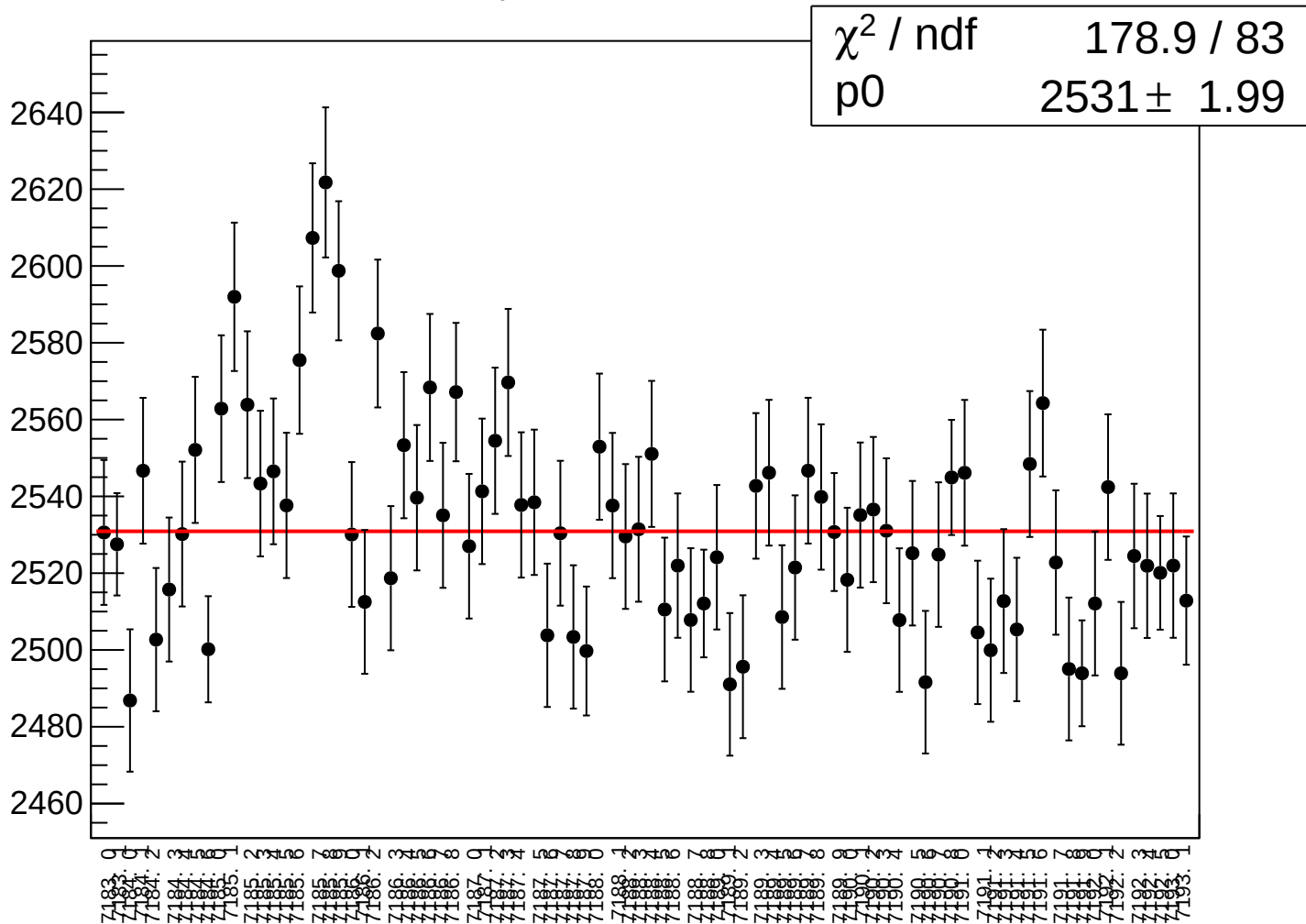
asym_atl2_eigen_cor_correction_rms vs run



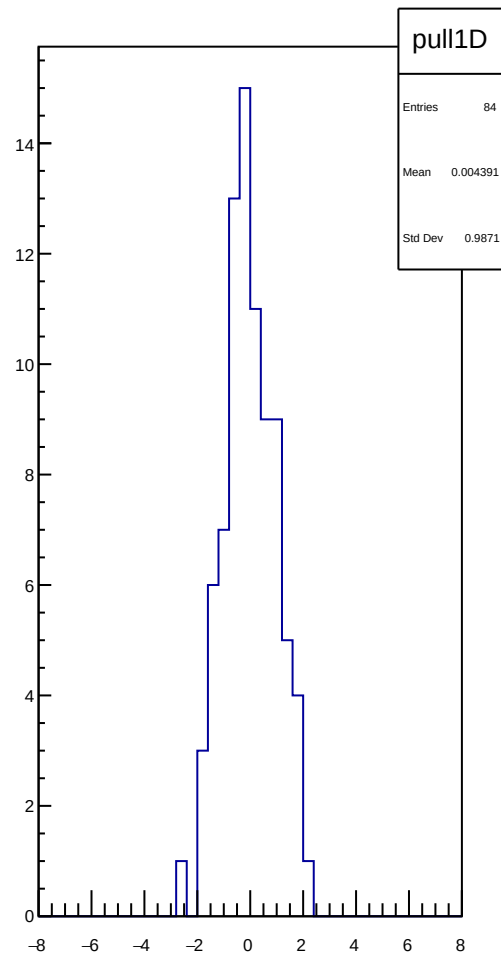
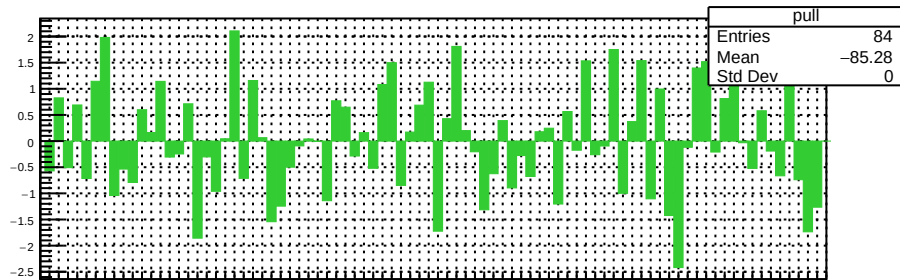
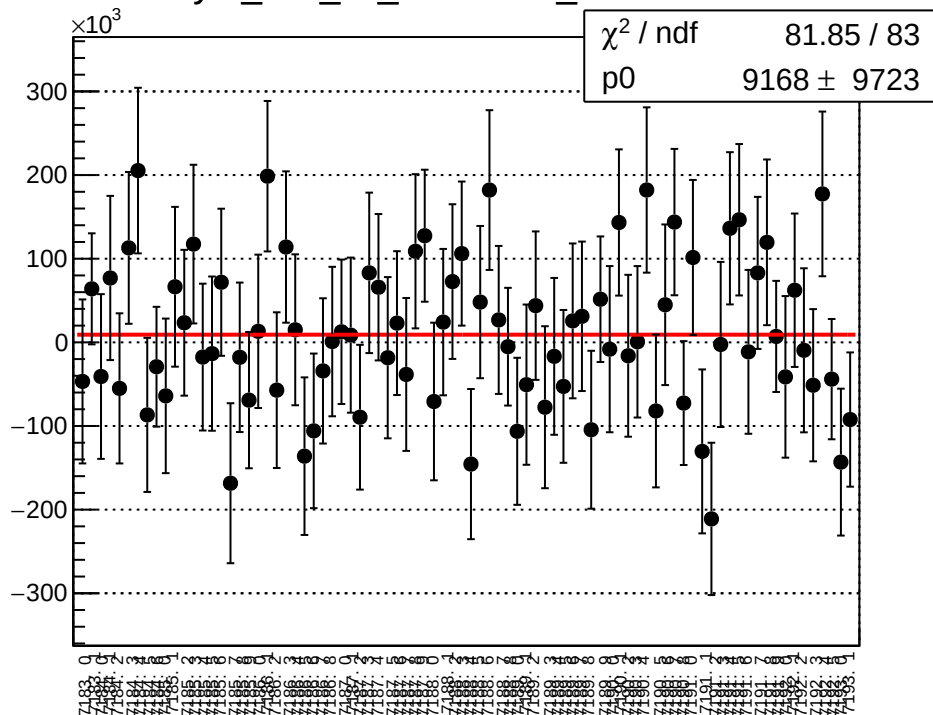
dit_asym_atl2_mean vs run



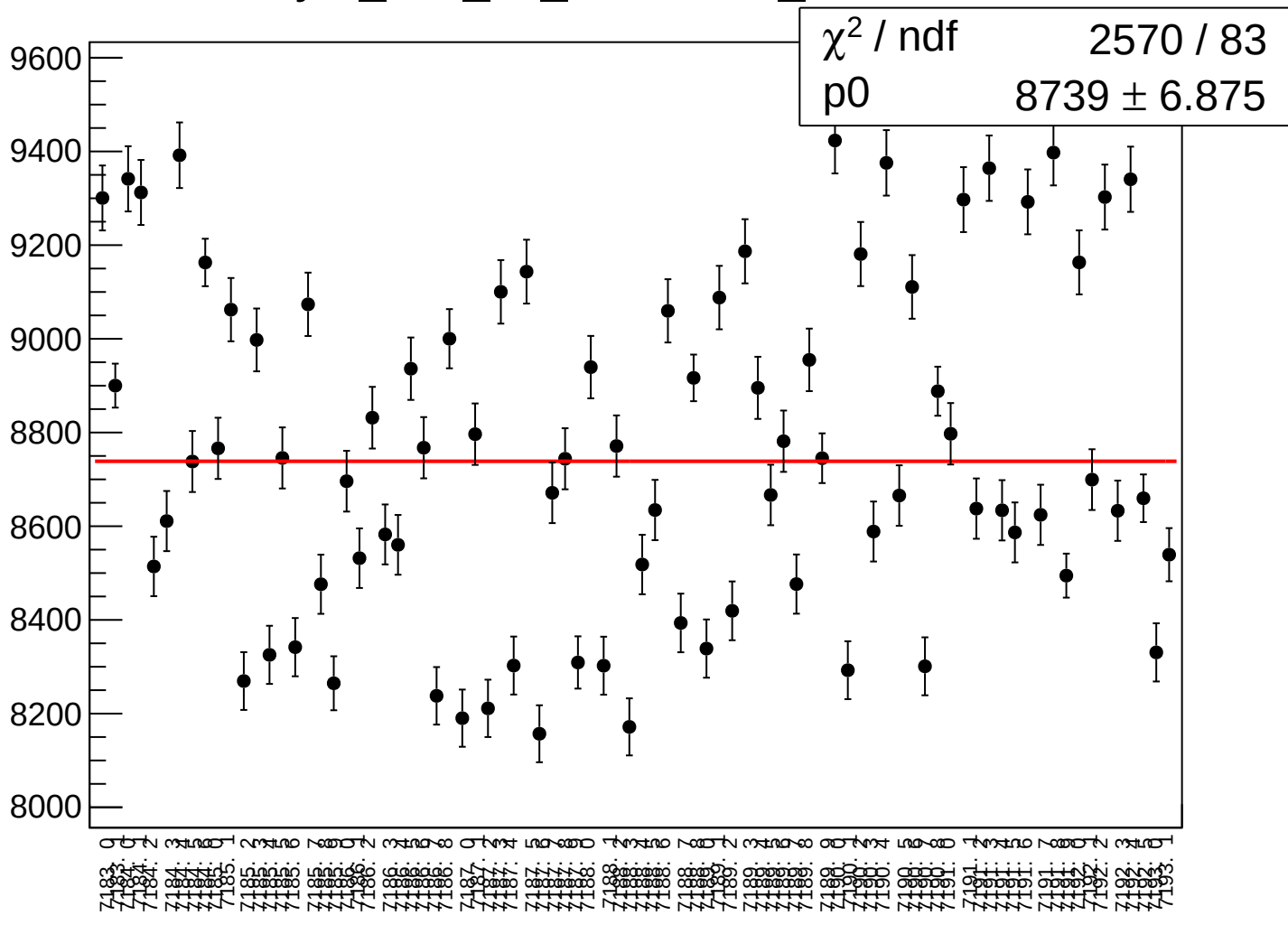
dit_asym_atl2_rms vs run



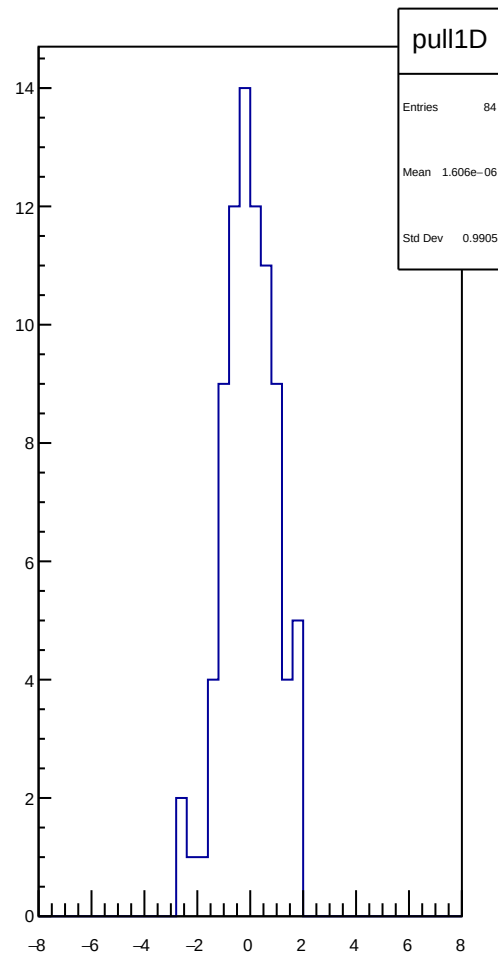
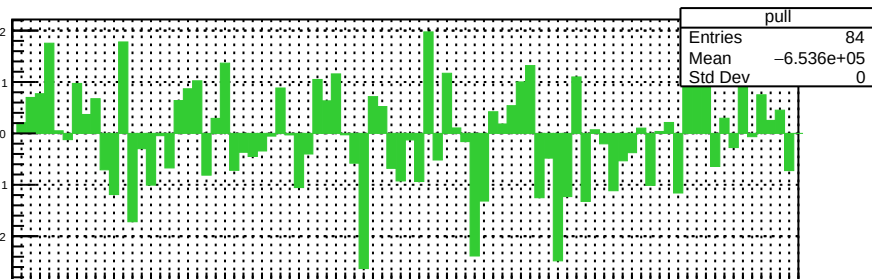
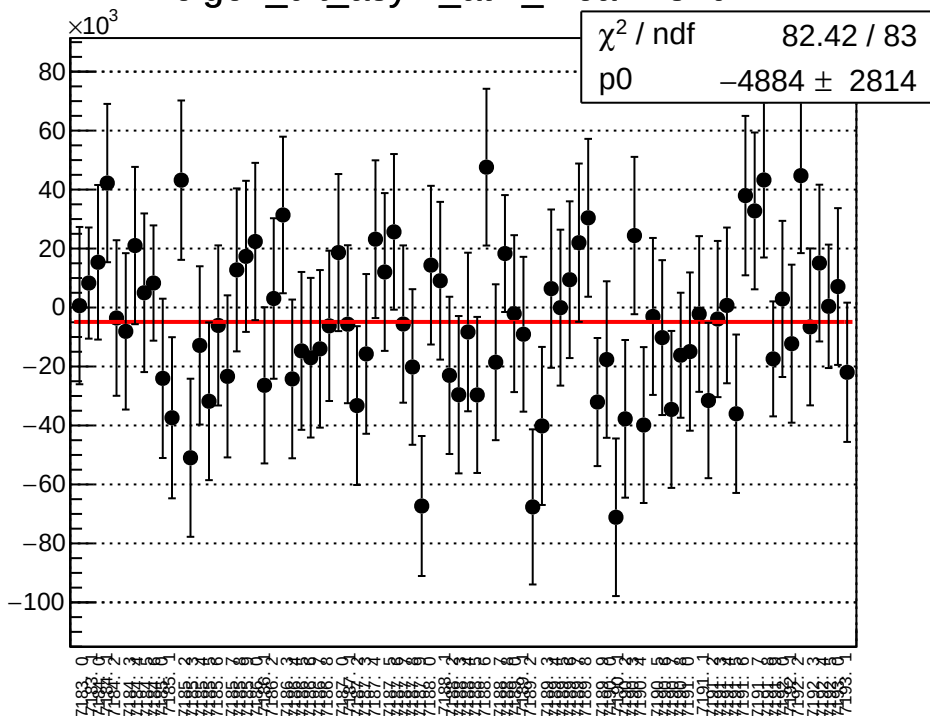
asym_atl2_dit_correction_mean vs run



asym_atl2_dit_correction_rms vs run



eigen_dit_asym_atl2_mean vs run



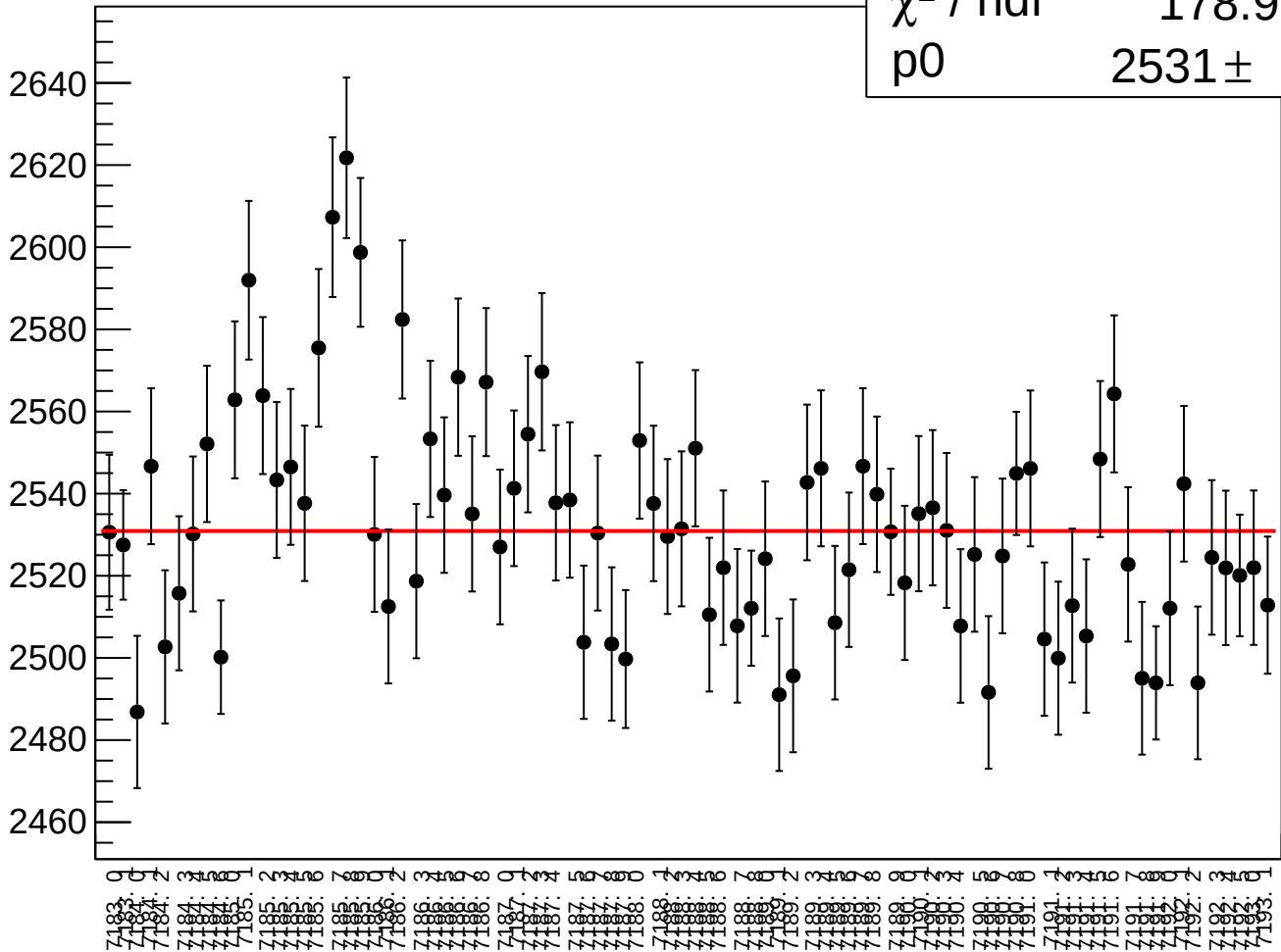
eigen_dit_asym_atl2_rms vs run

χ^2 / ndf

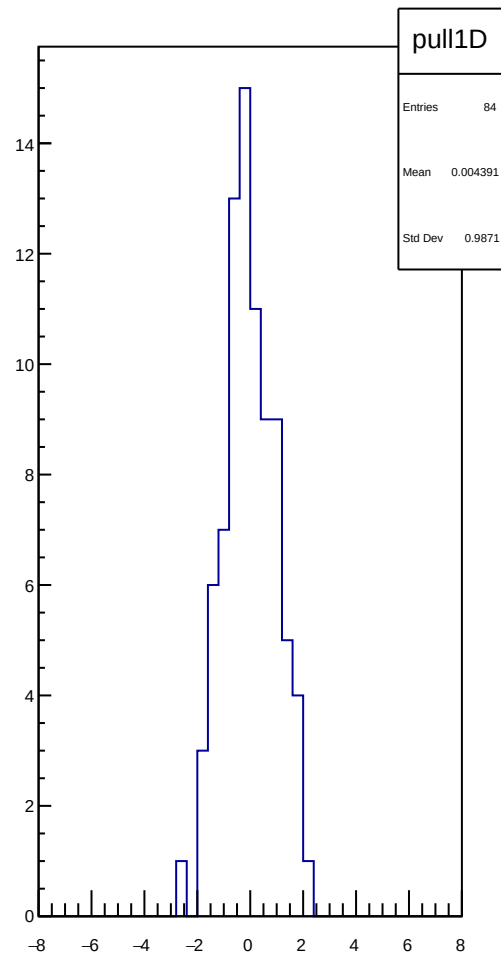
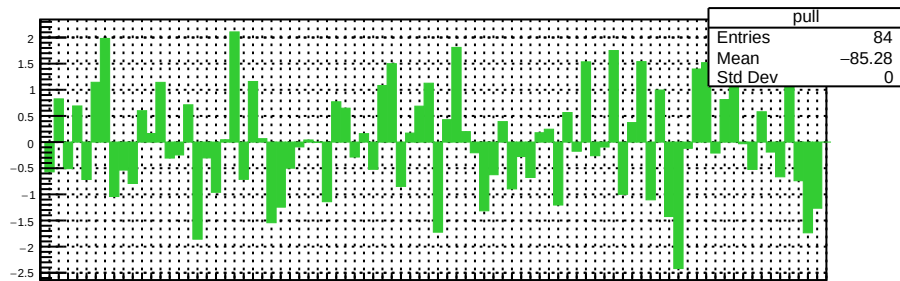
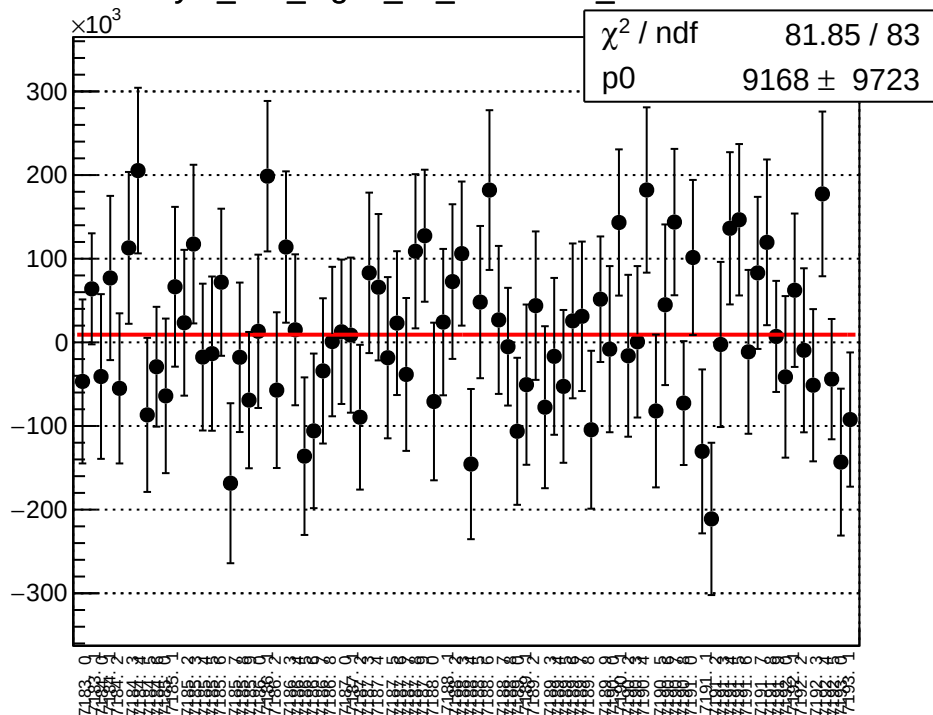
178.9 / 83

p0

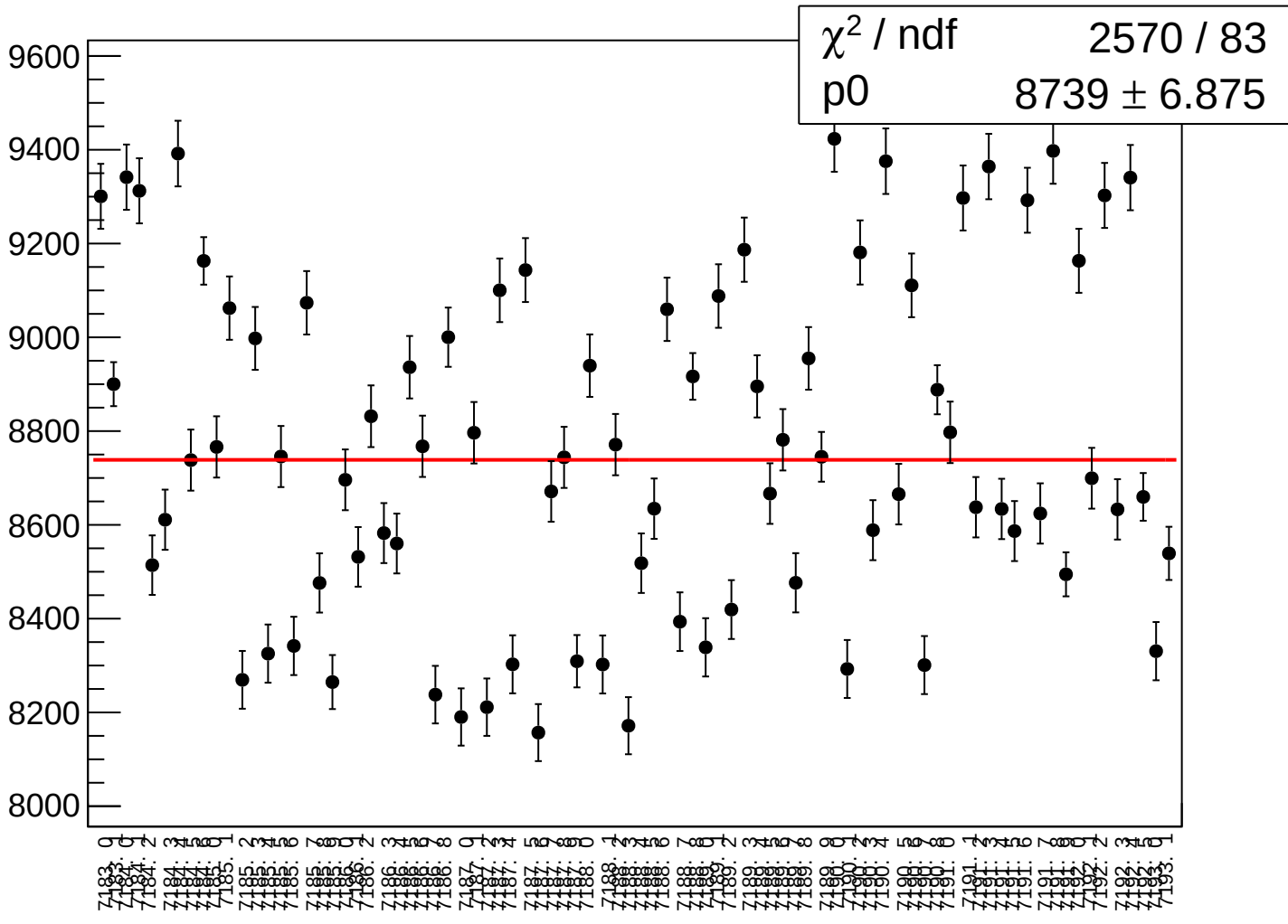
2531 ± 1.99



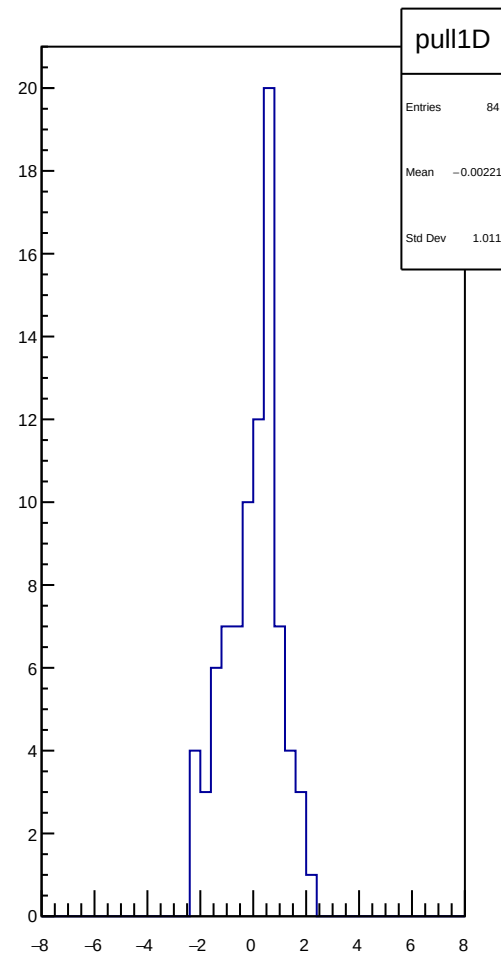
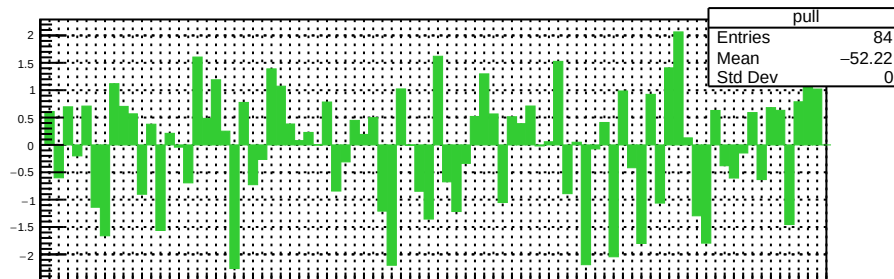
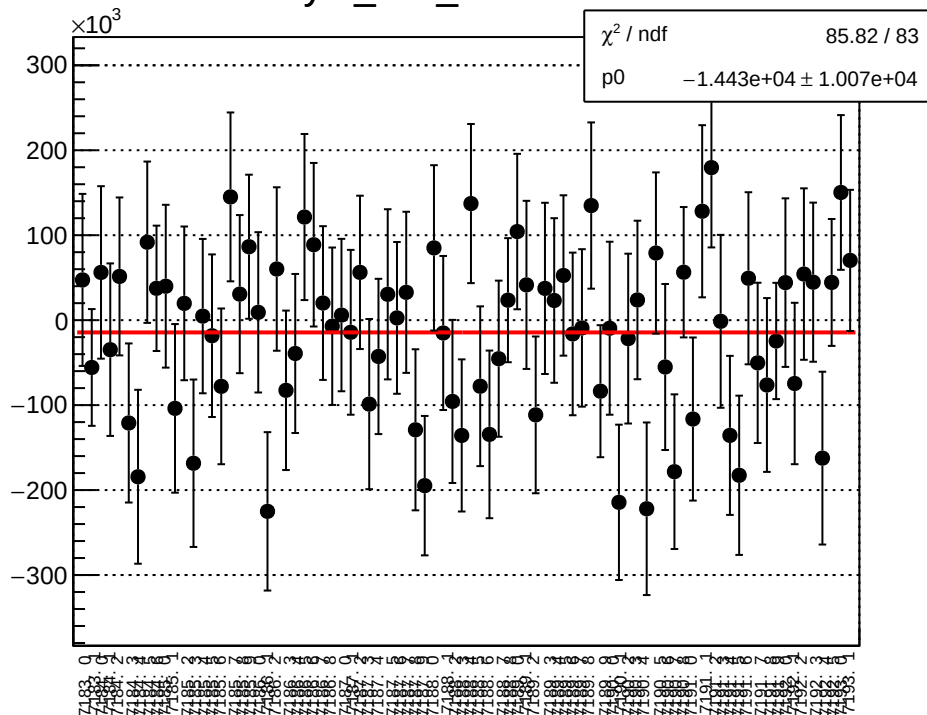
asym_atl2_eigen_dit_correction_mean vs run



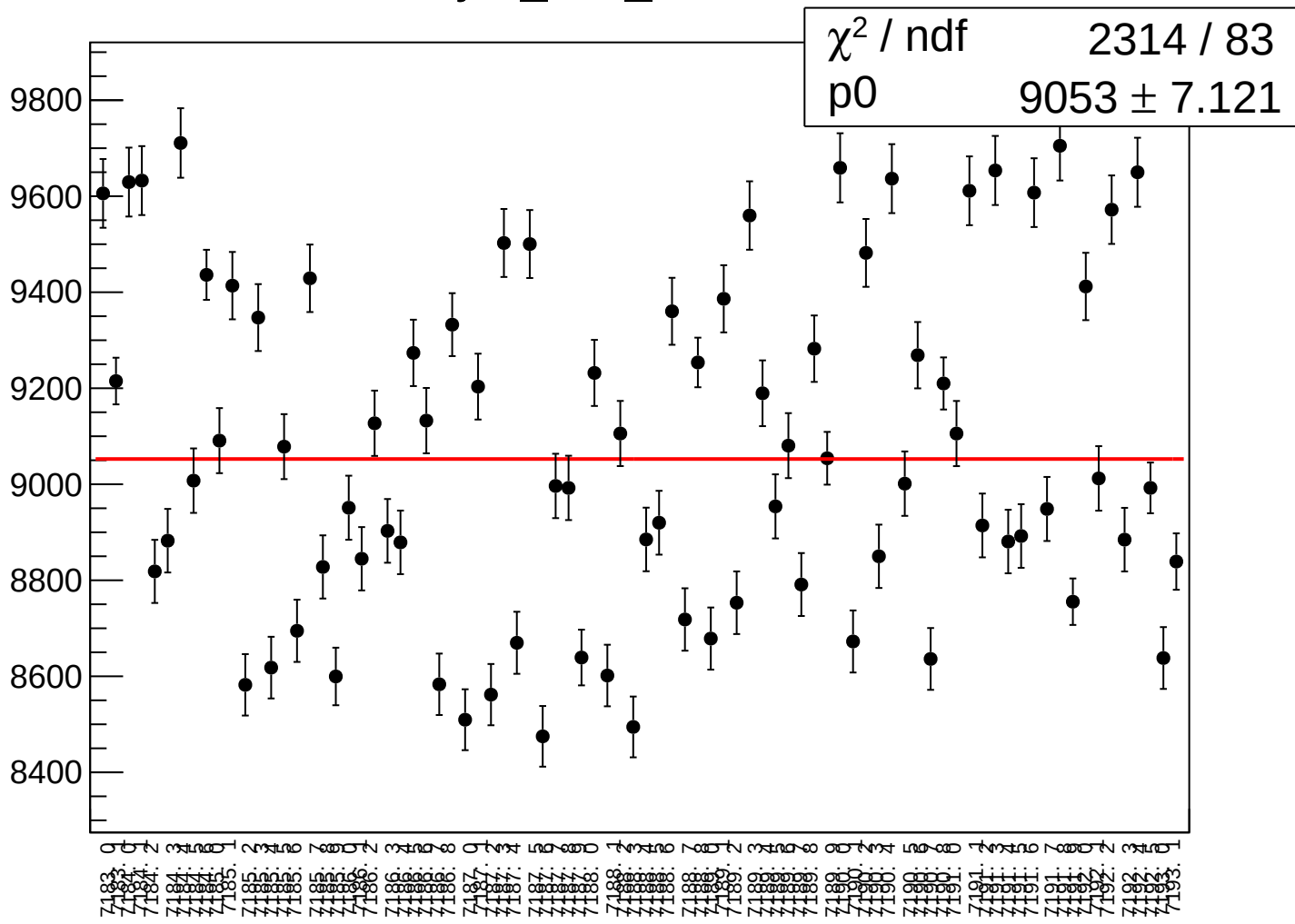
asym_atl2_eigen_dit_correction_rms vs run



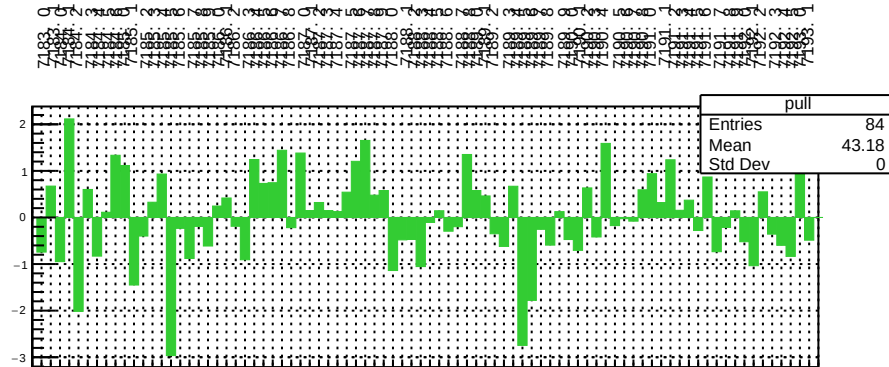
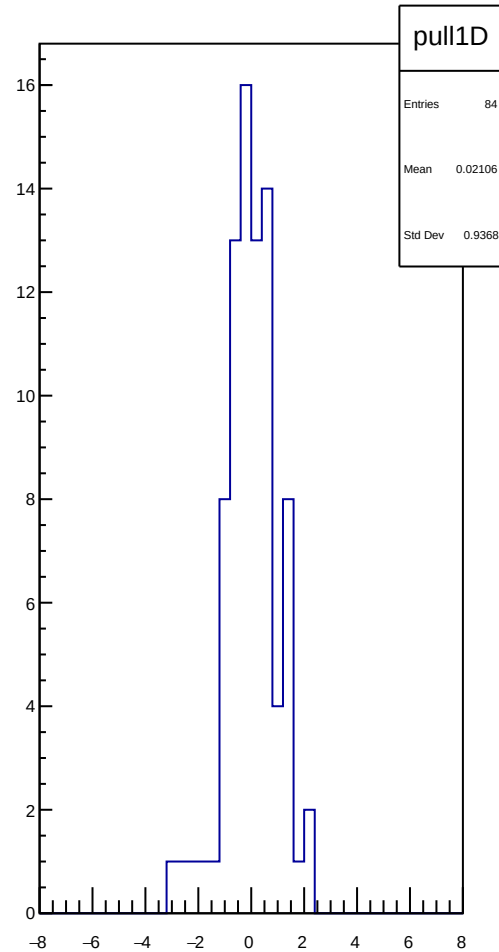
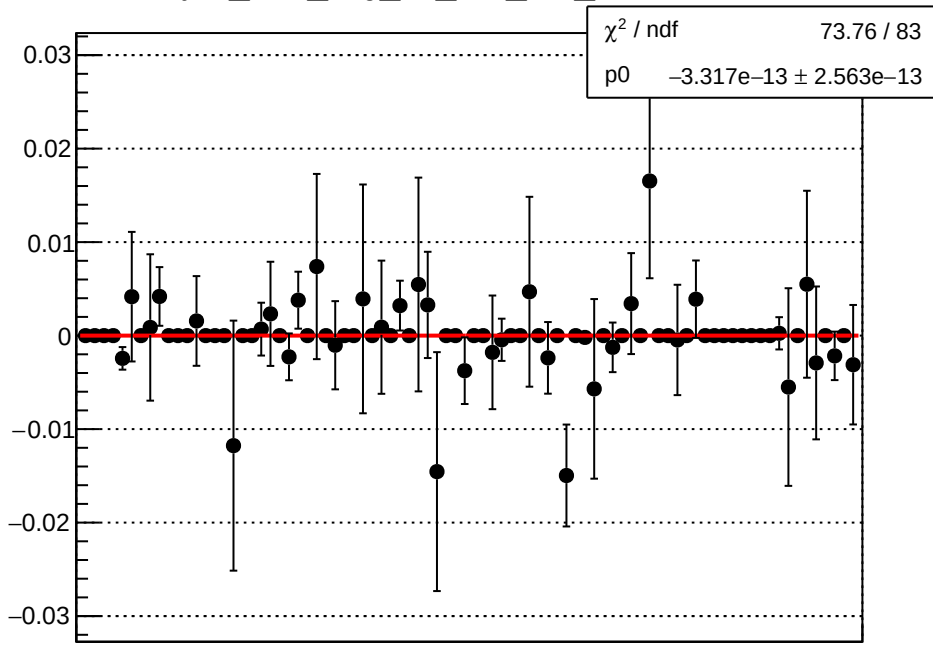
asym_atl2_mean vs run



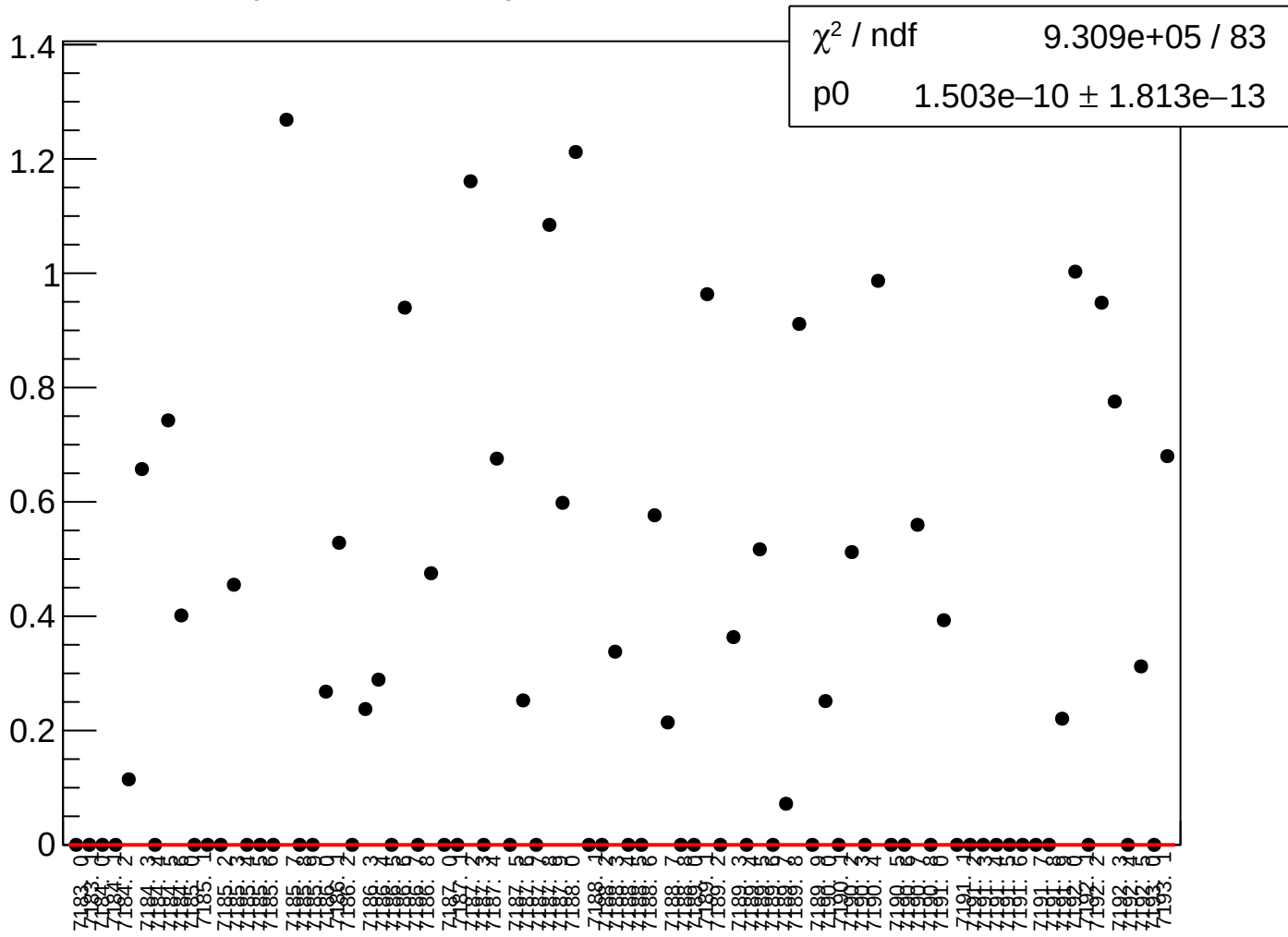
asym_atl2_rms vs run



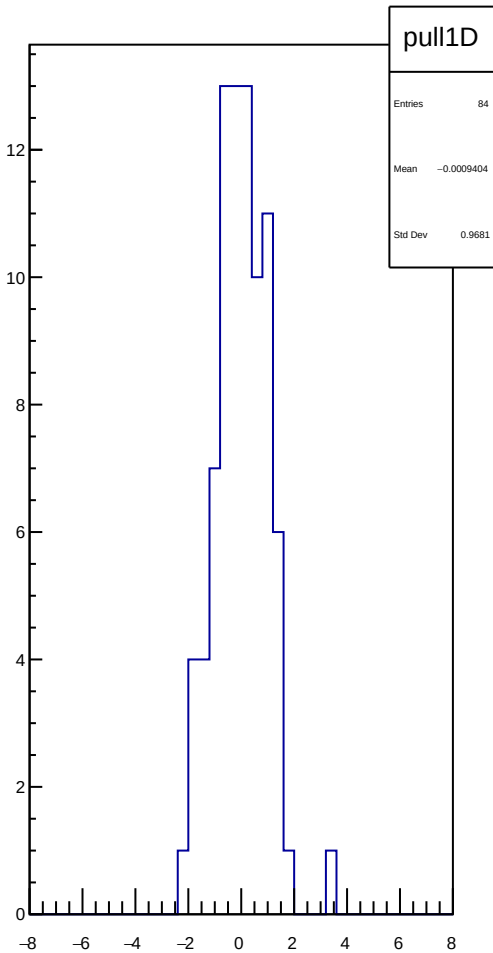
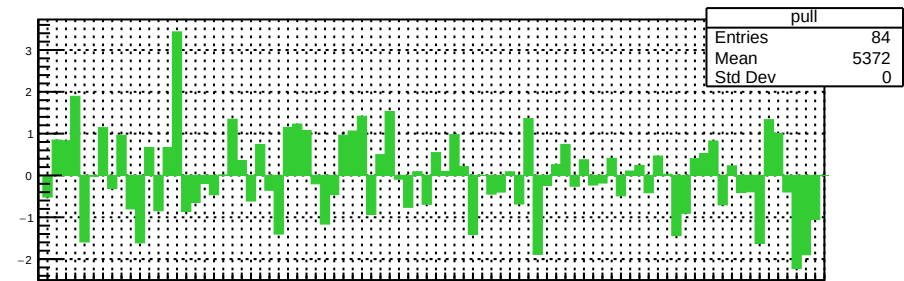
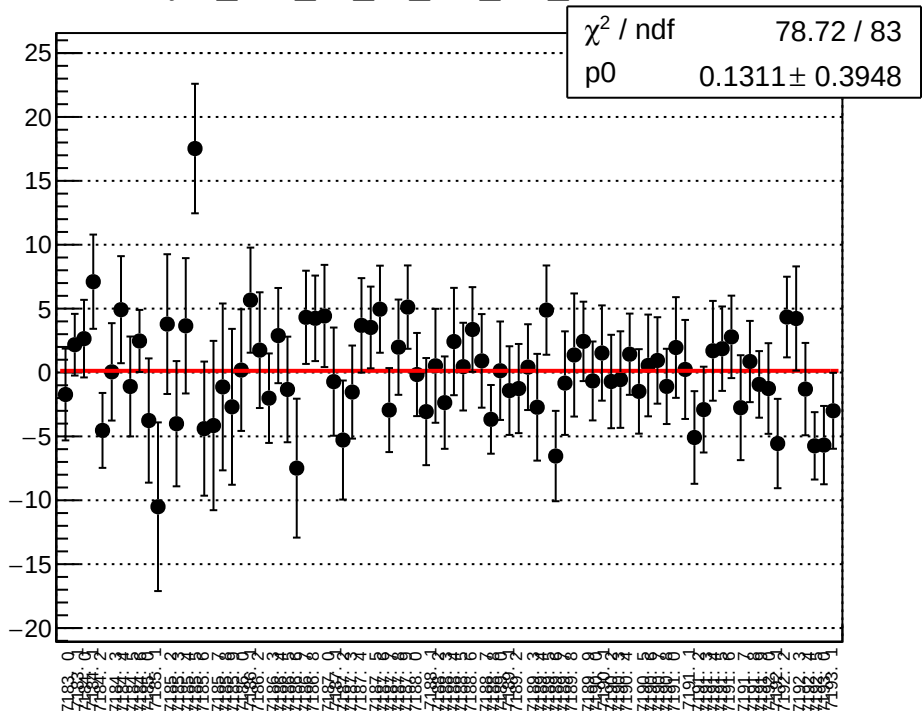
asym_atl2_reg_vs_cor_diff_mean vs run



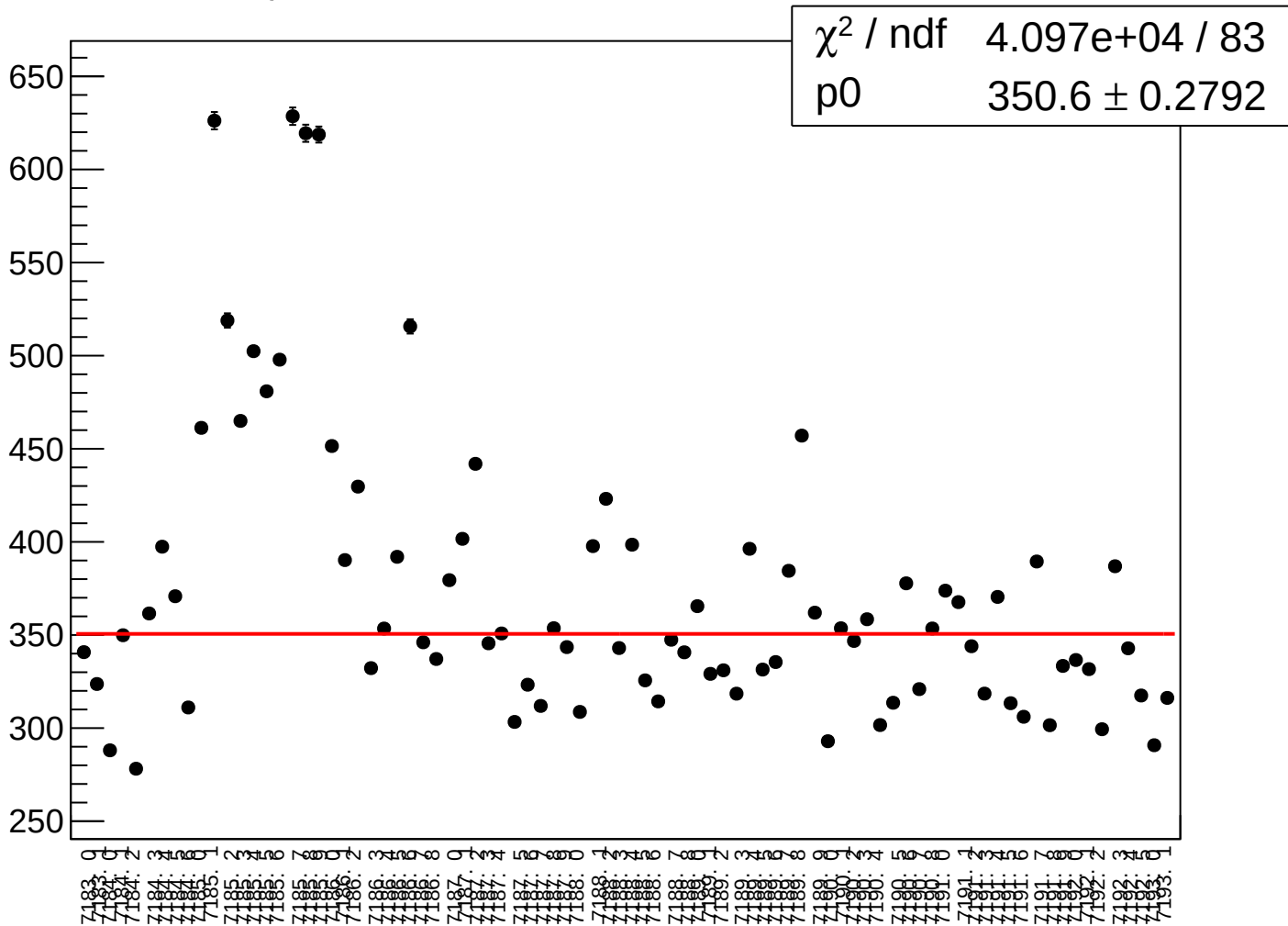
asym atl2 reg vs cor diff rms vs run



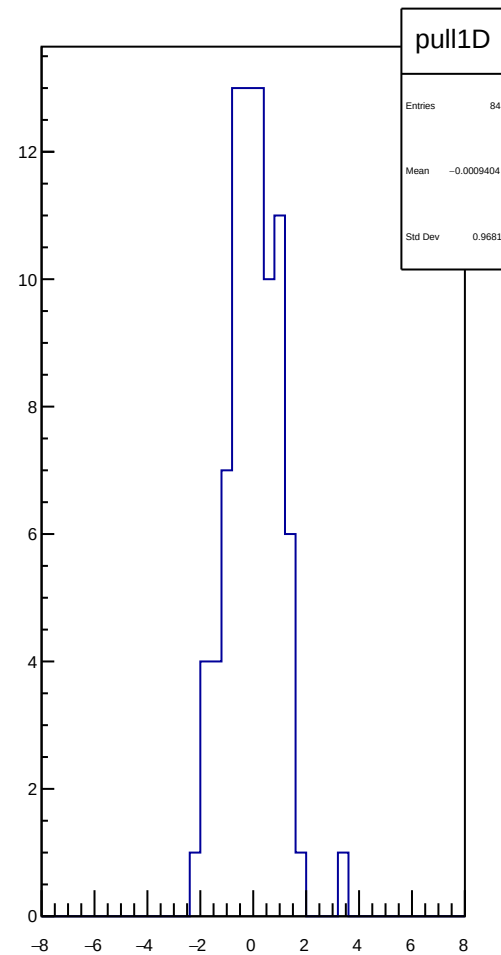
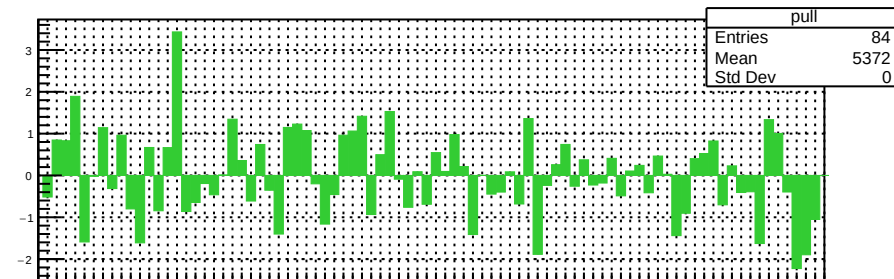
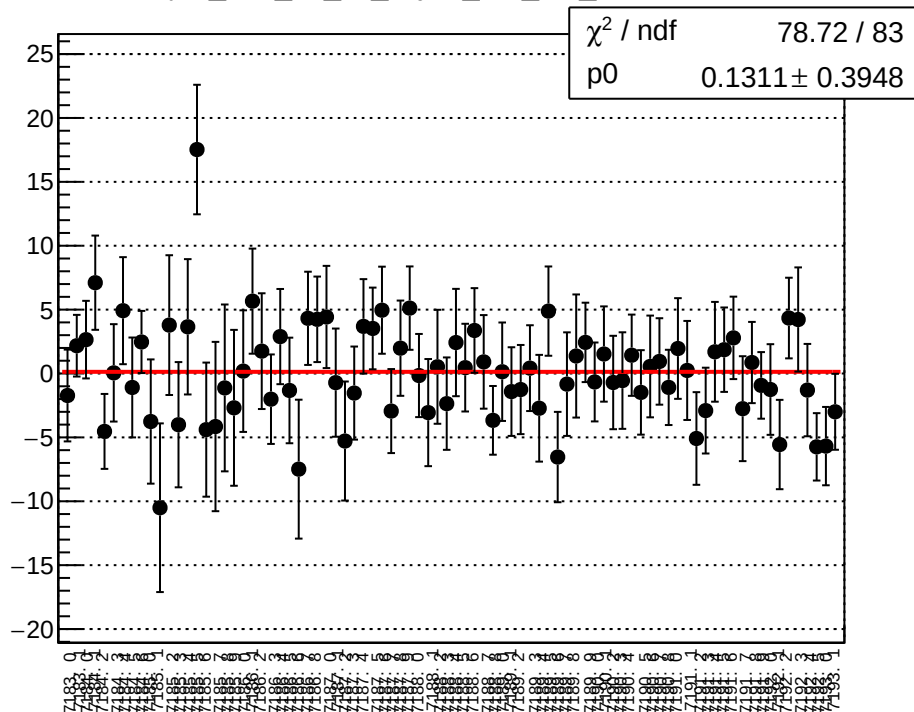
asym_atl2_dit_vs_cor_diff_mean vs run



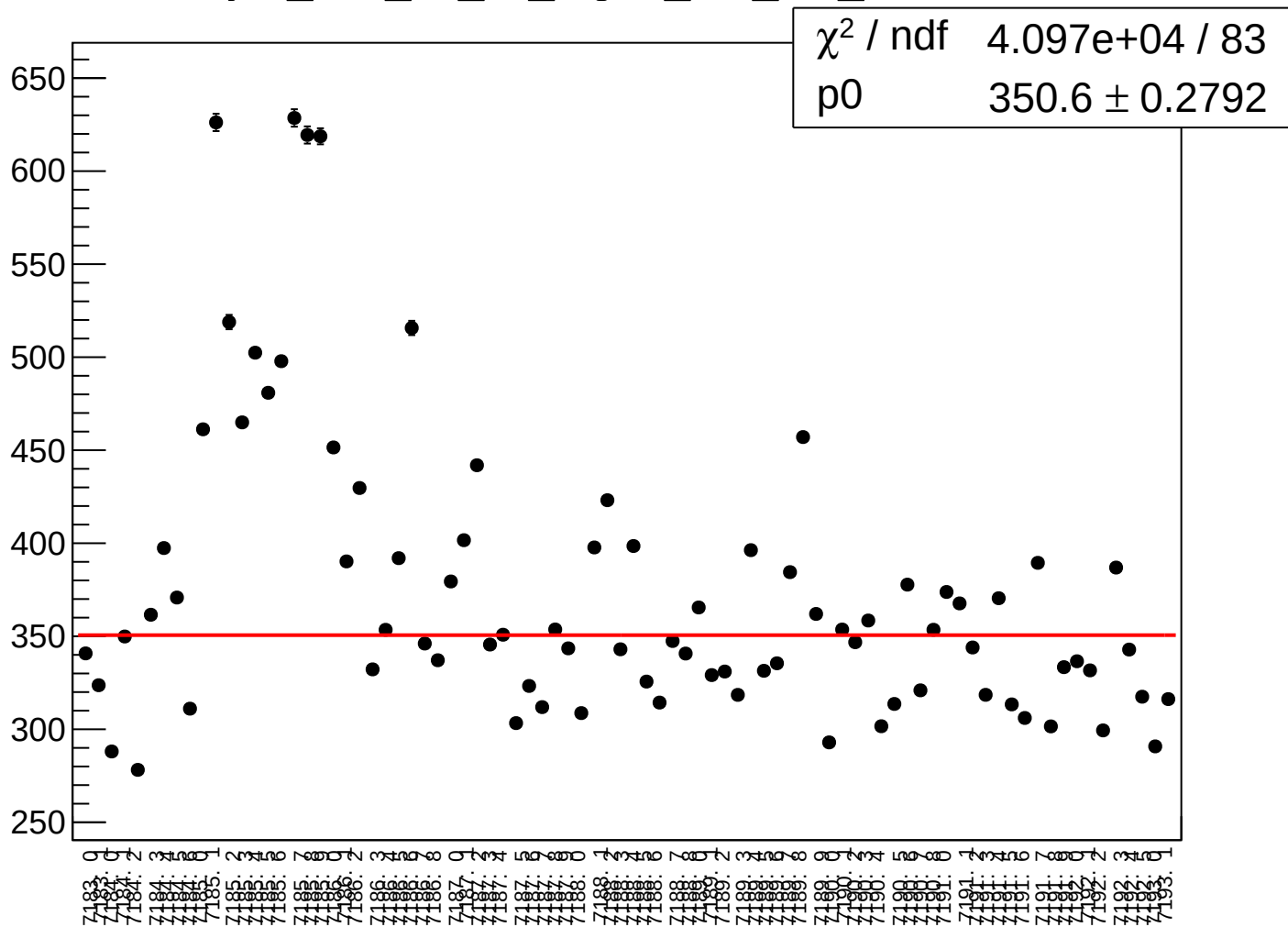
asym_atl2_dit_vs_cor_diff_rms vs run



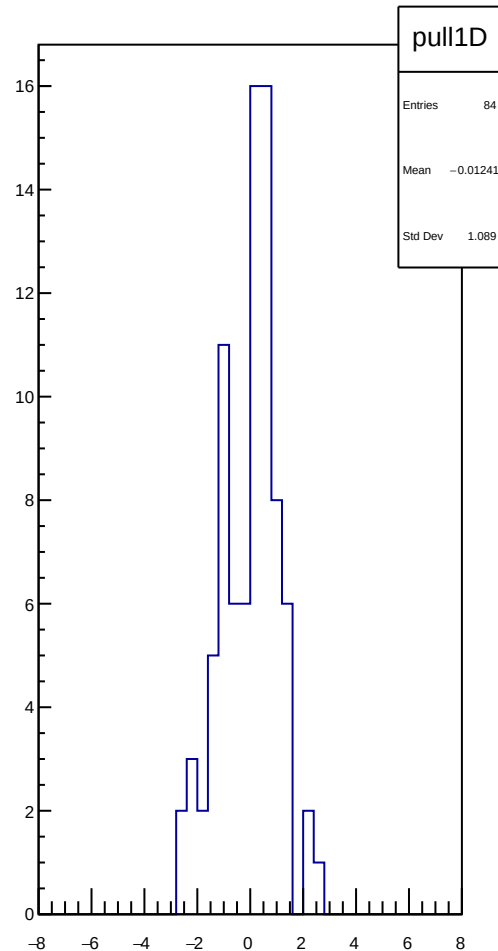
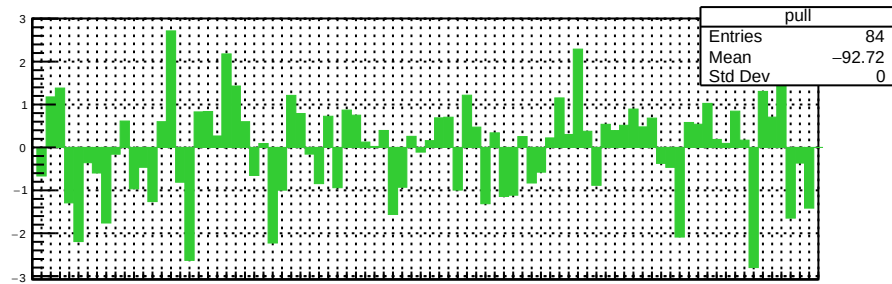
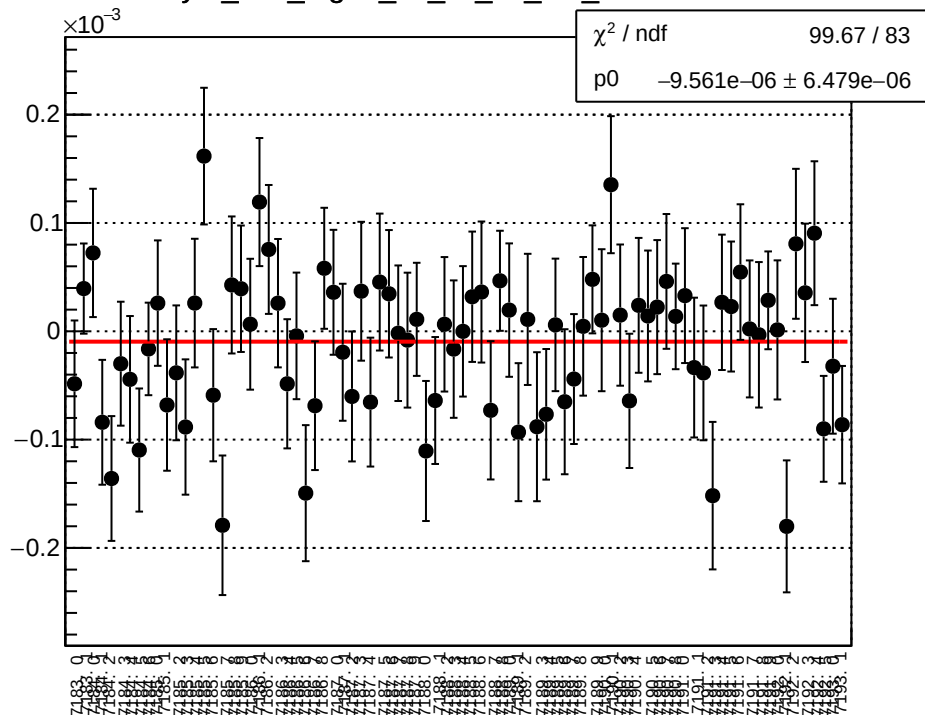
asym_atl2_dit_vs_eigen_cor_diff_mean vs run



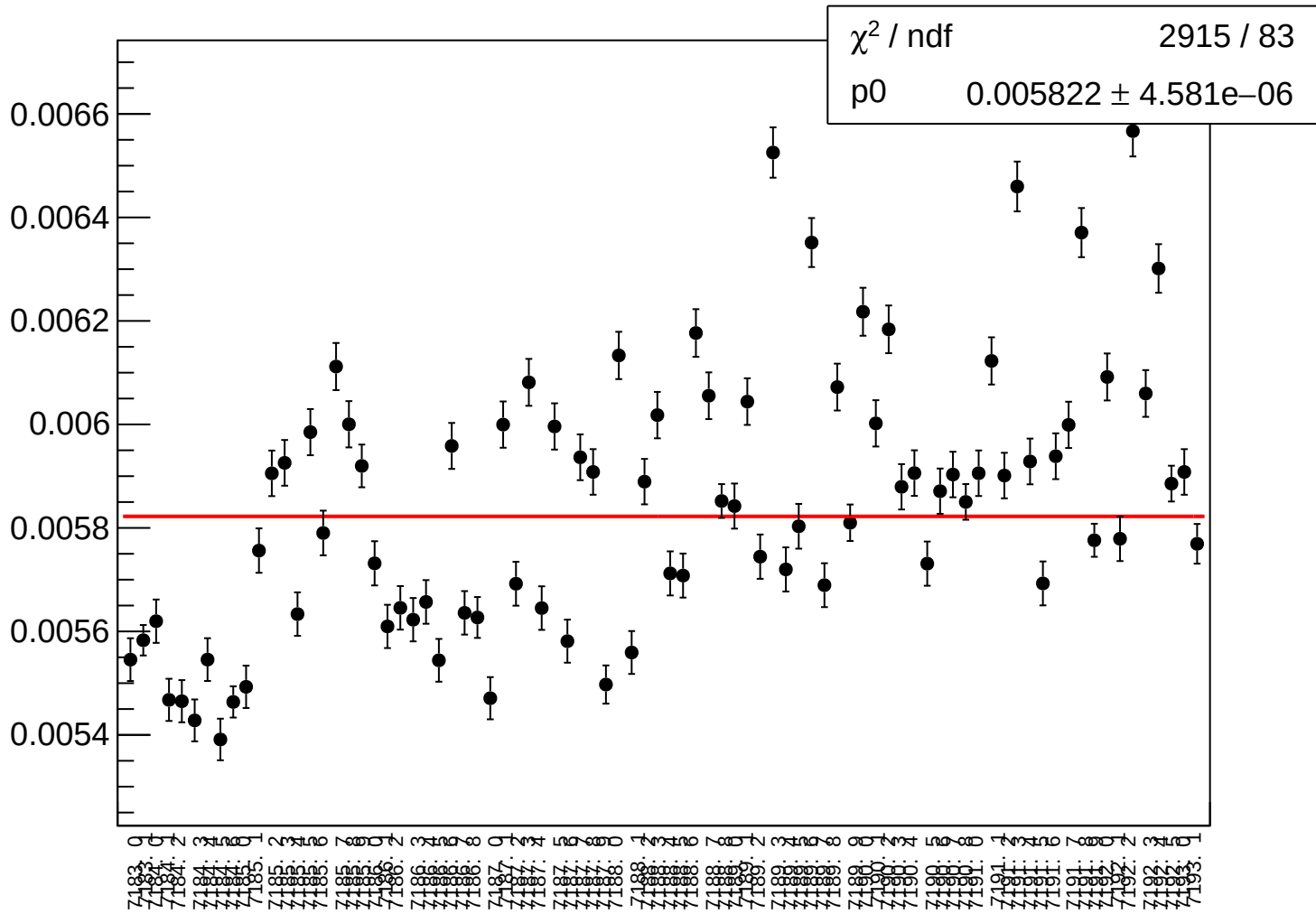
asym_atl2_dit_vs_eigen_cor_diff_rms vs run



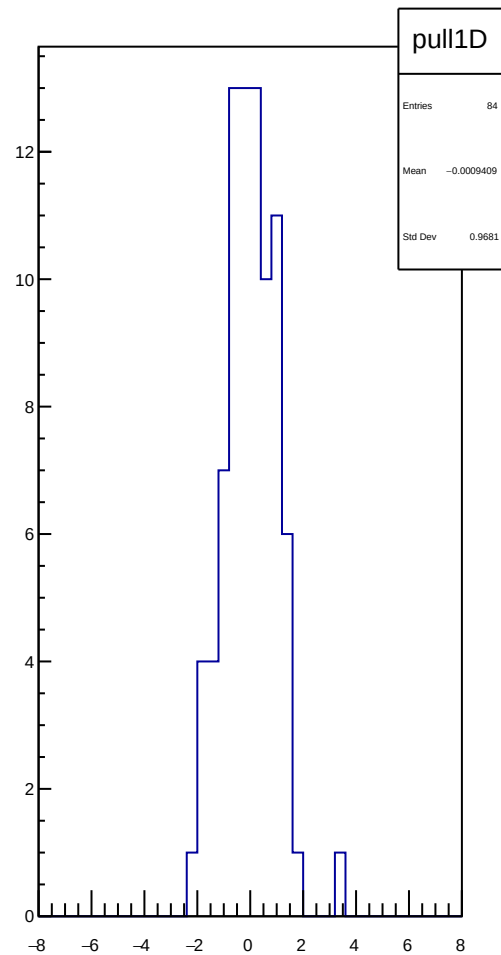
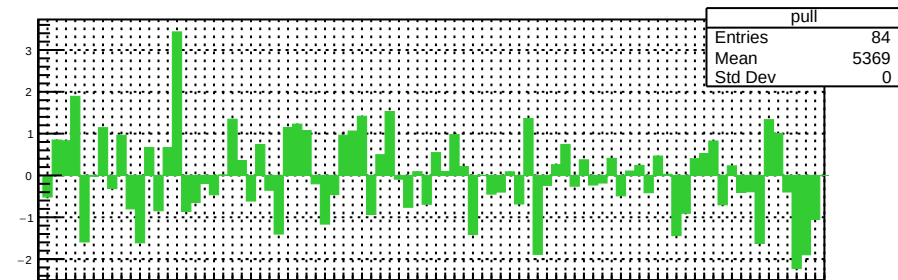
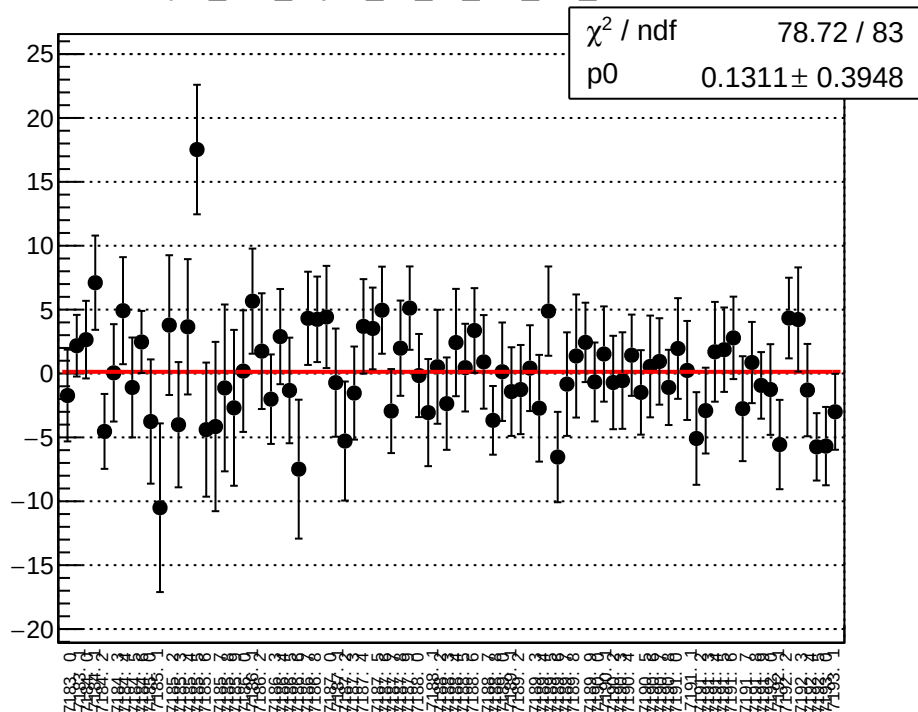
asym_atl2_eigen_dit_vs_dit_diff_mean vs run



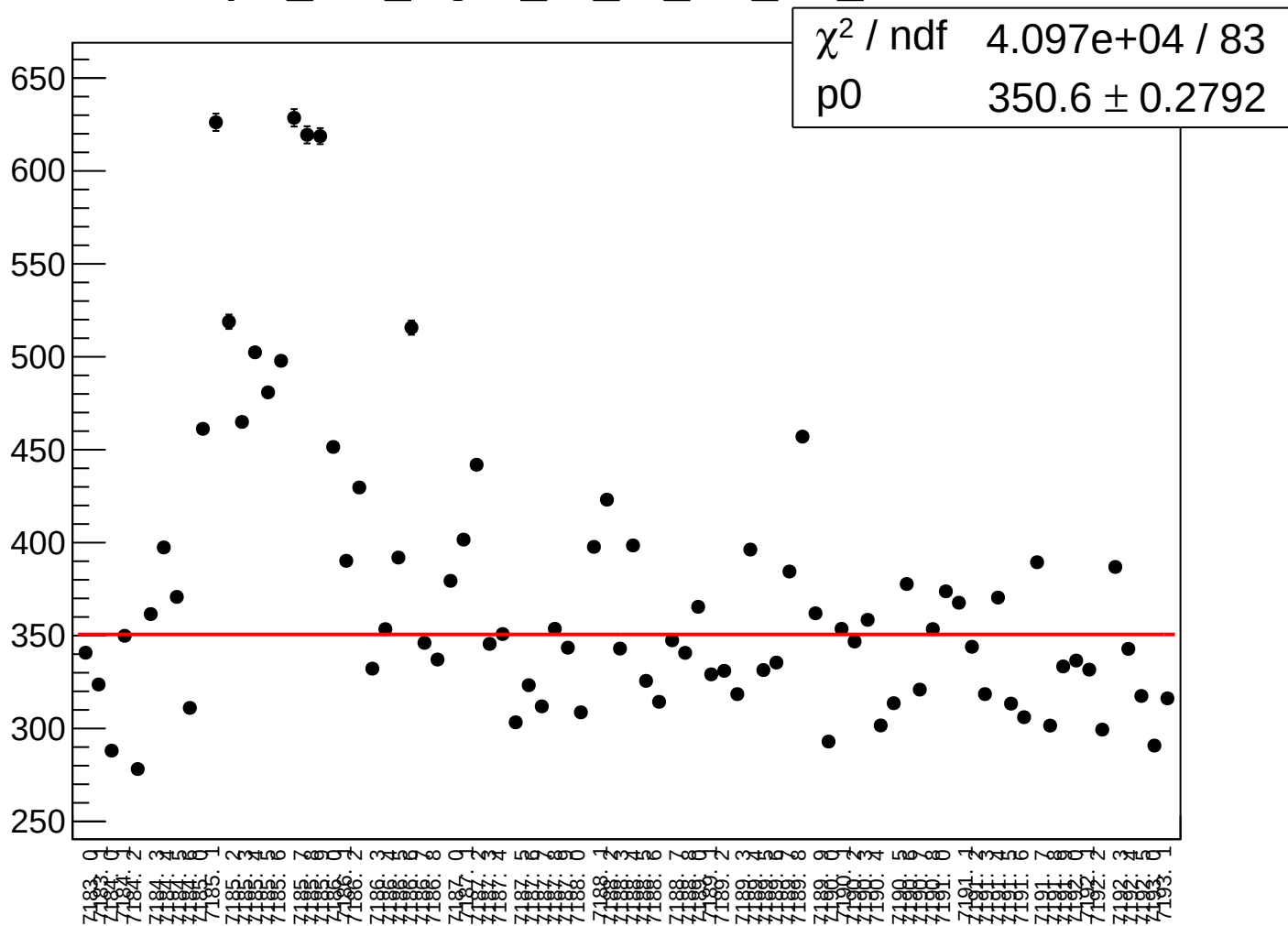
asym_atl2_eigen_dit_vs_dit_diff_rms vs run



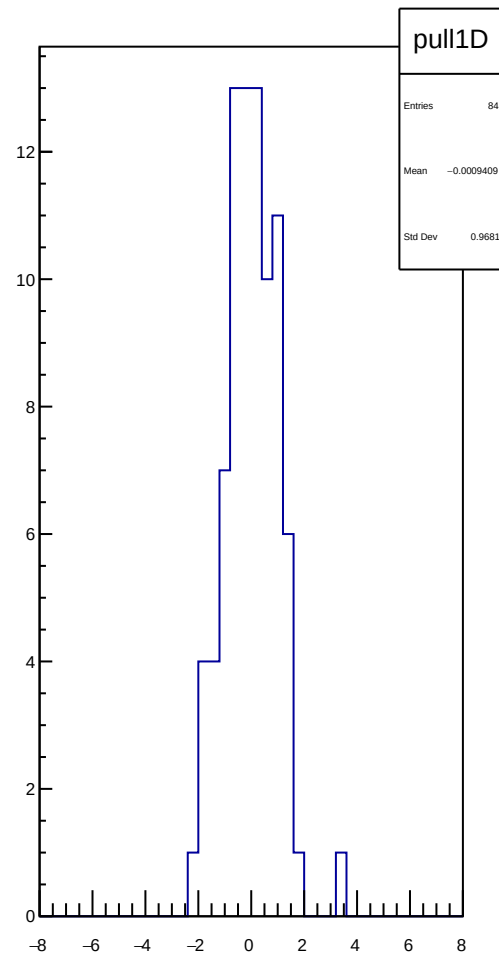
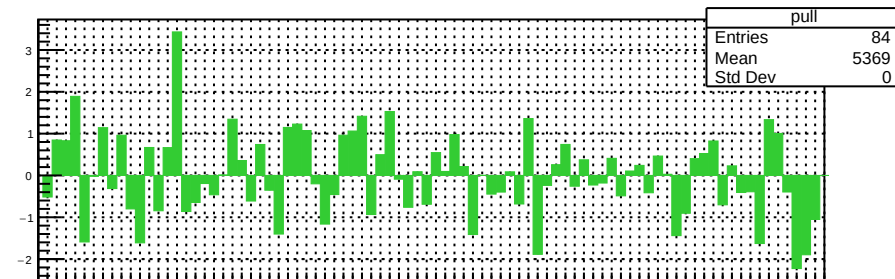
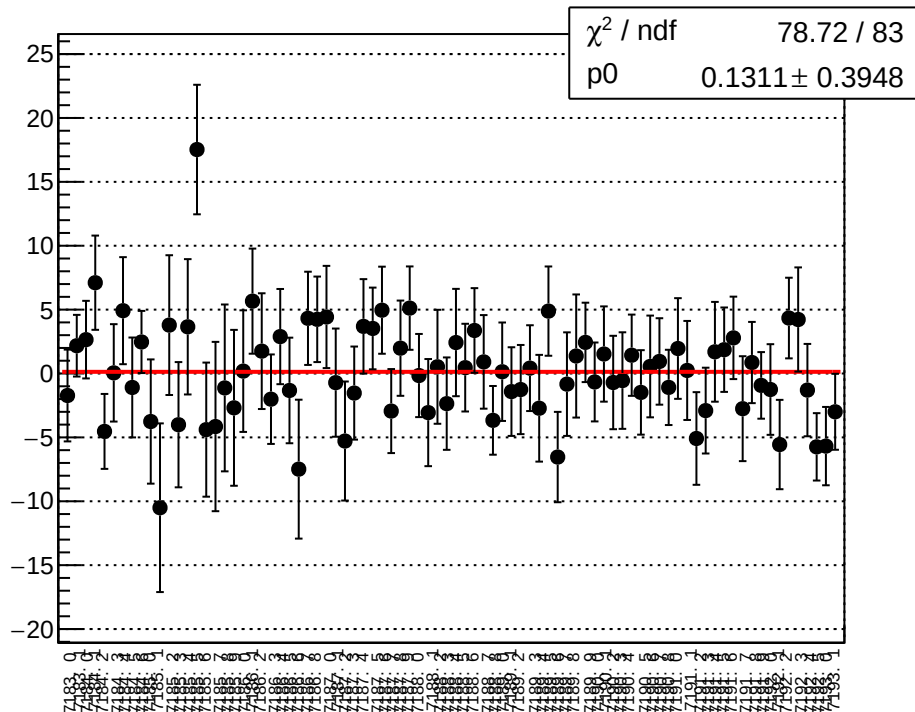
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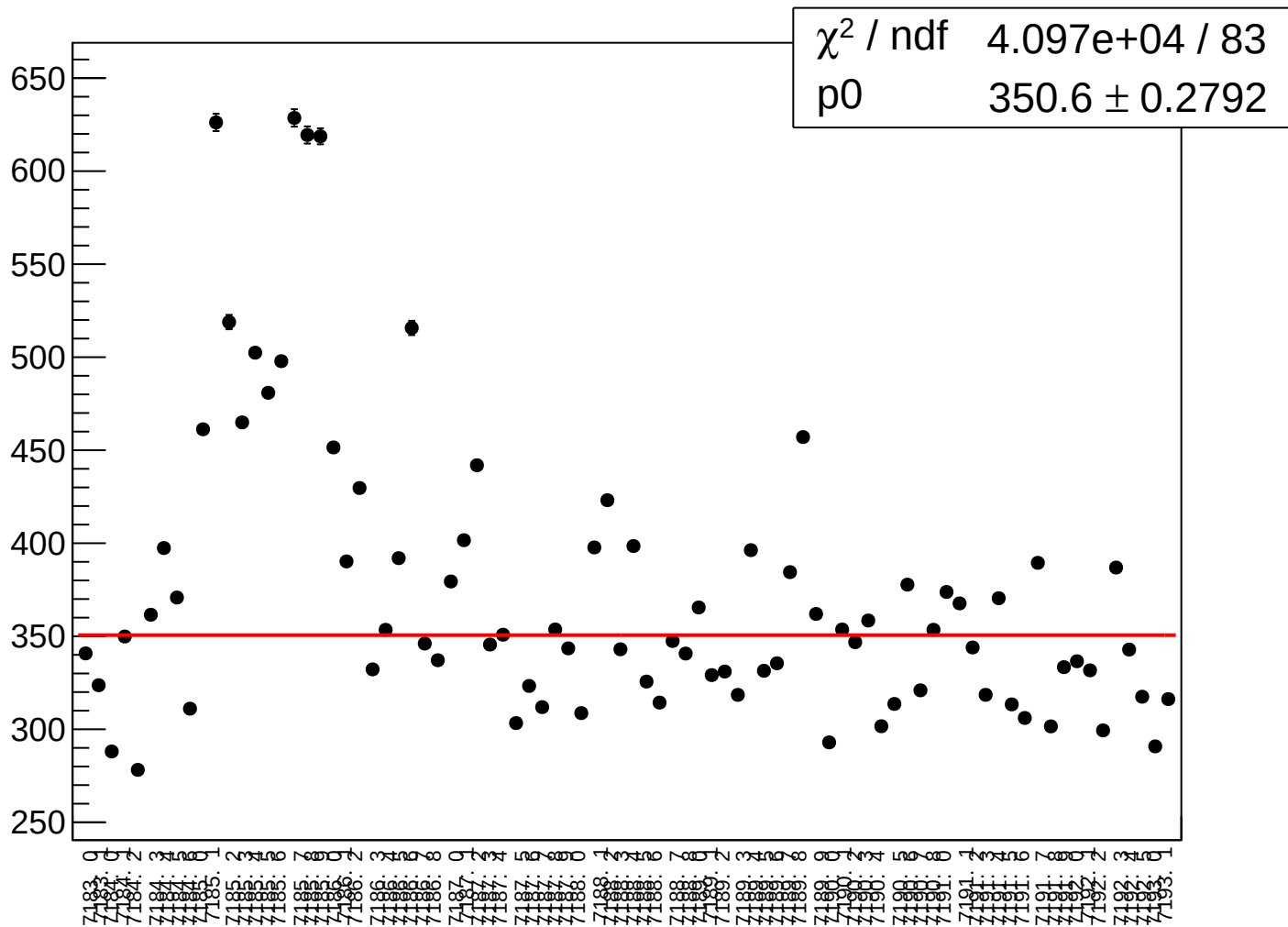
asym_atl2_eigen_dit_vs_cor_diff_rms vs run



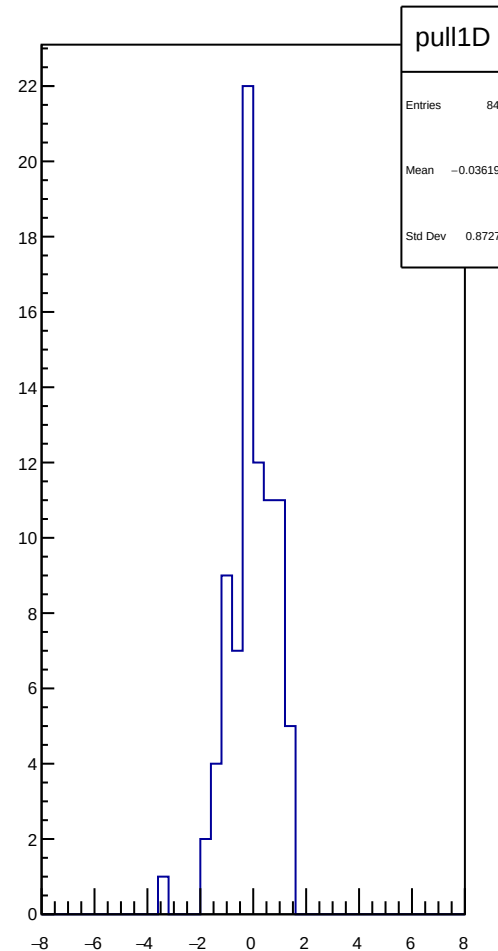
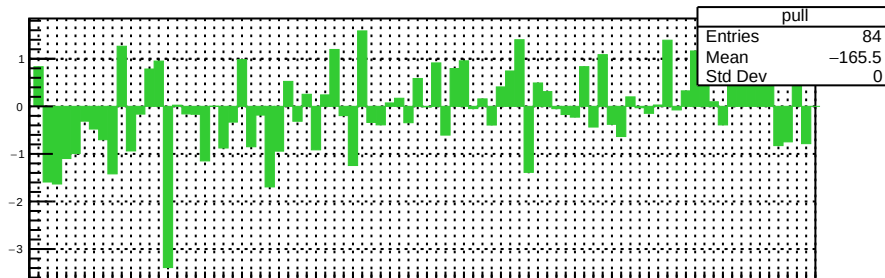
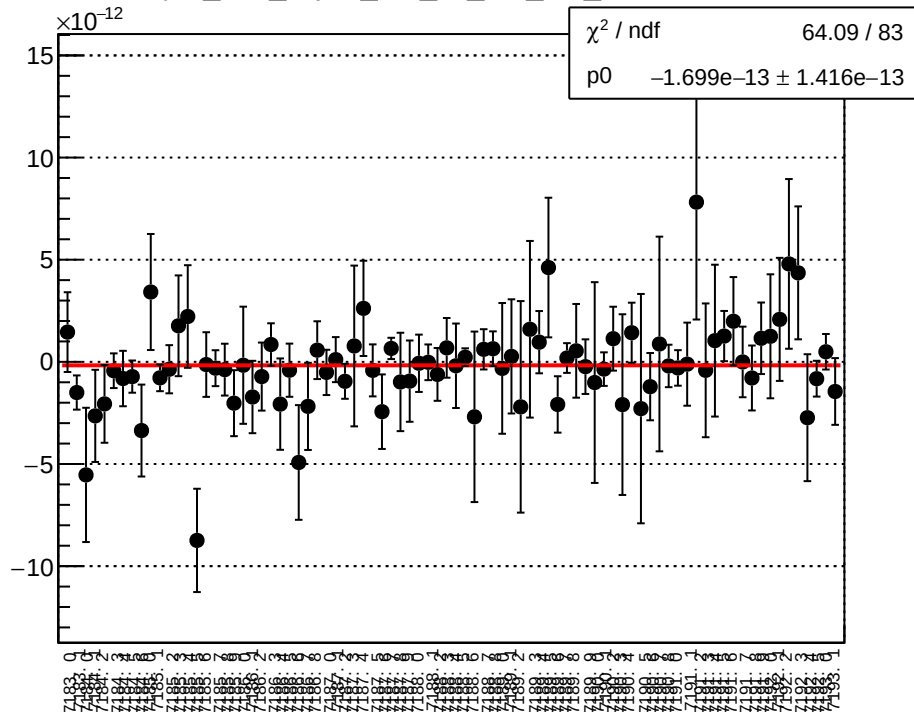
asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs run



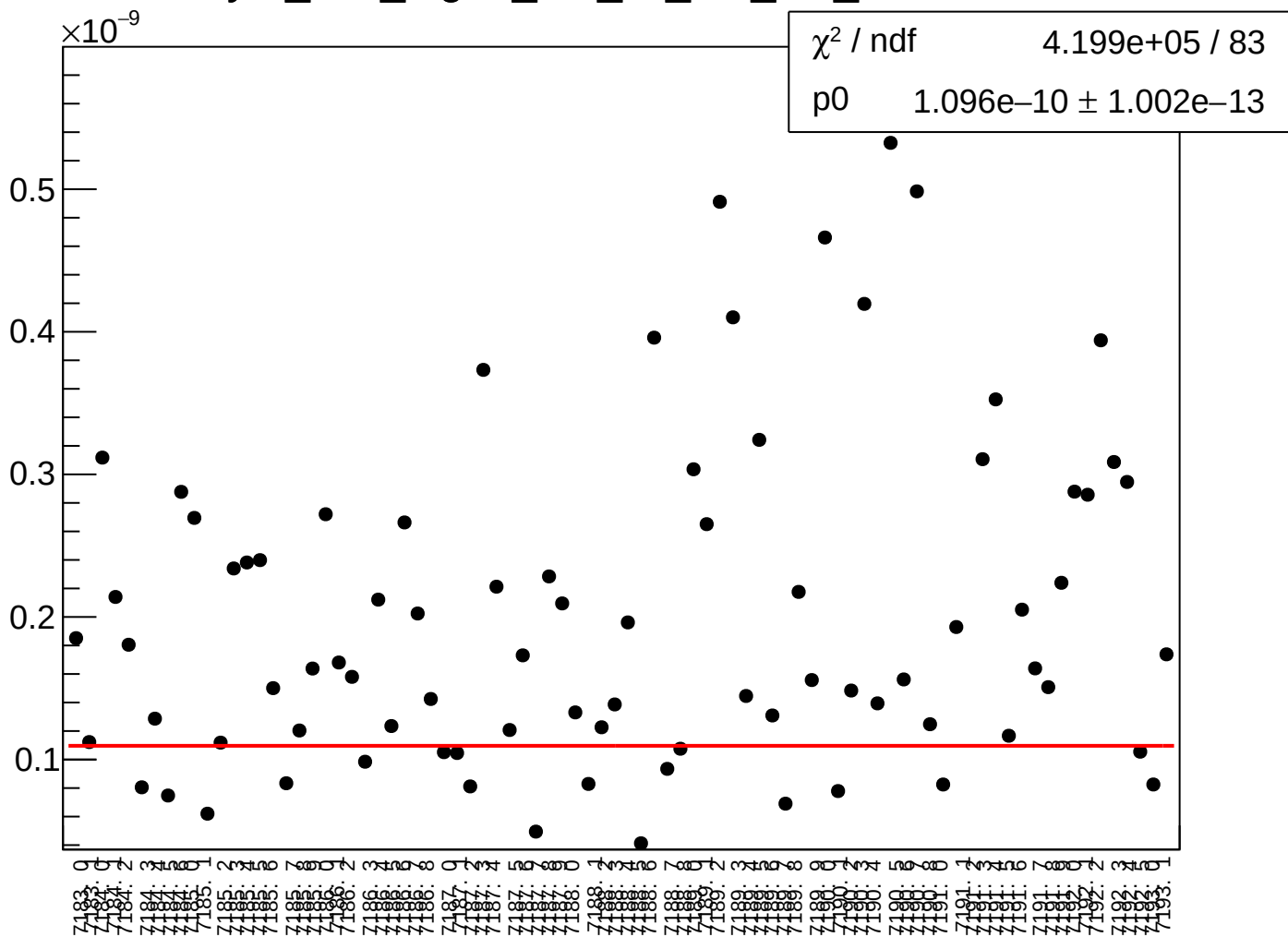
asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs run



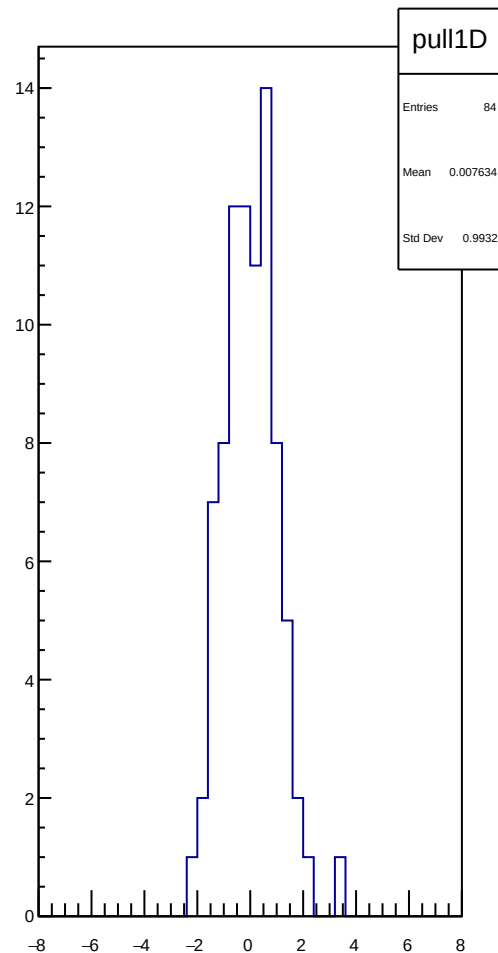
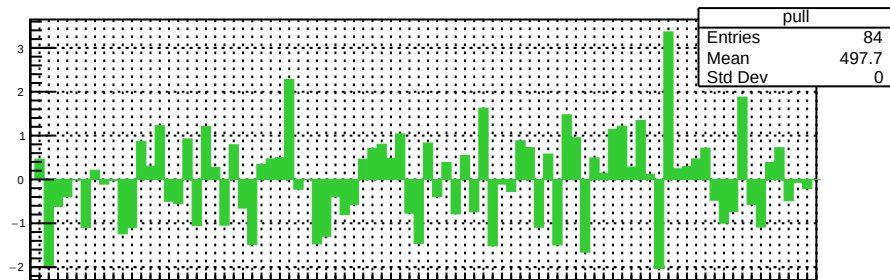
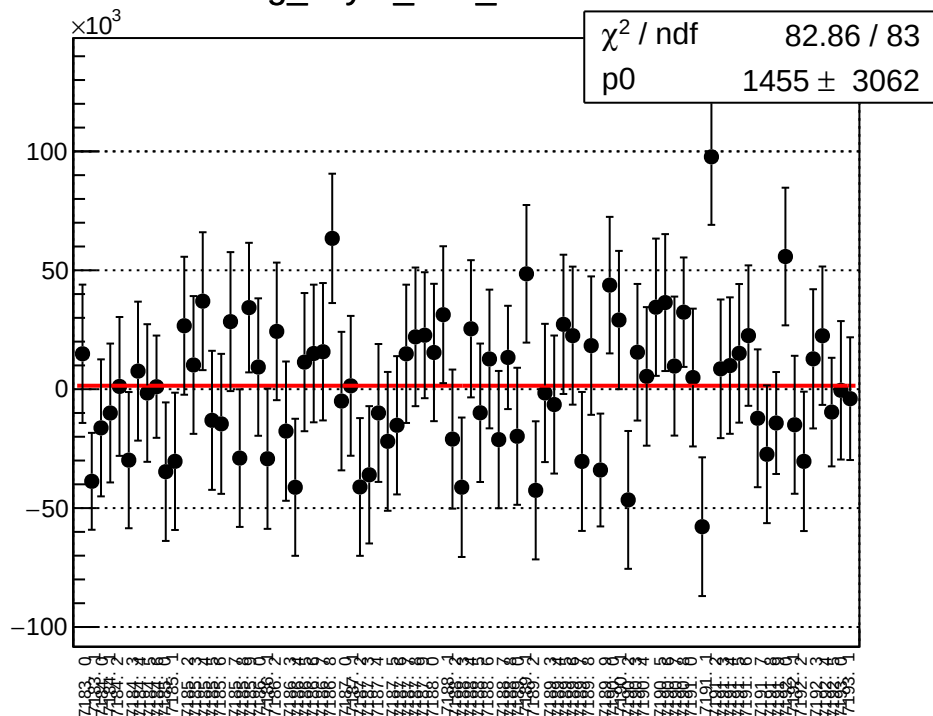
asym_atl2_eigen_cor_vs_cor_diff_mean vs run



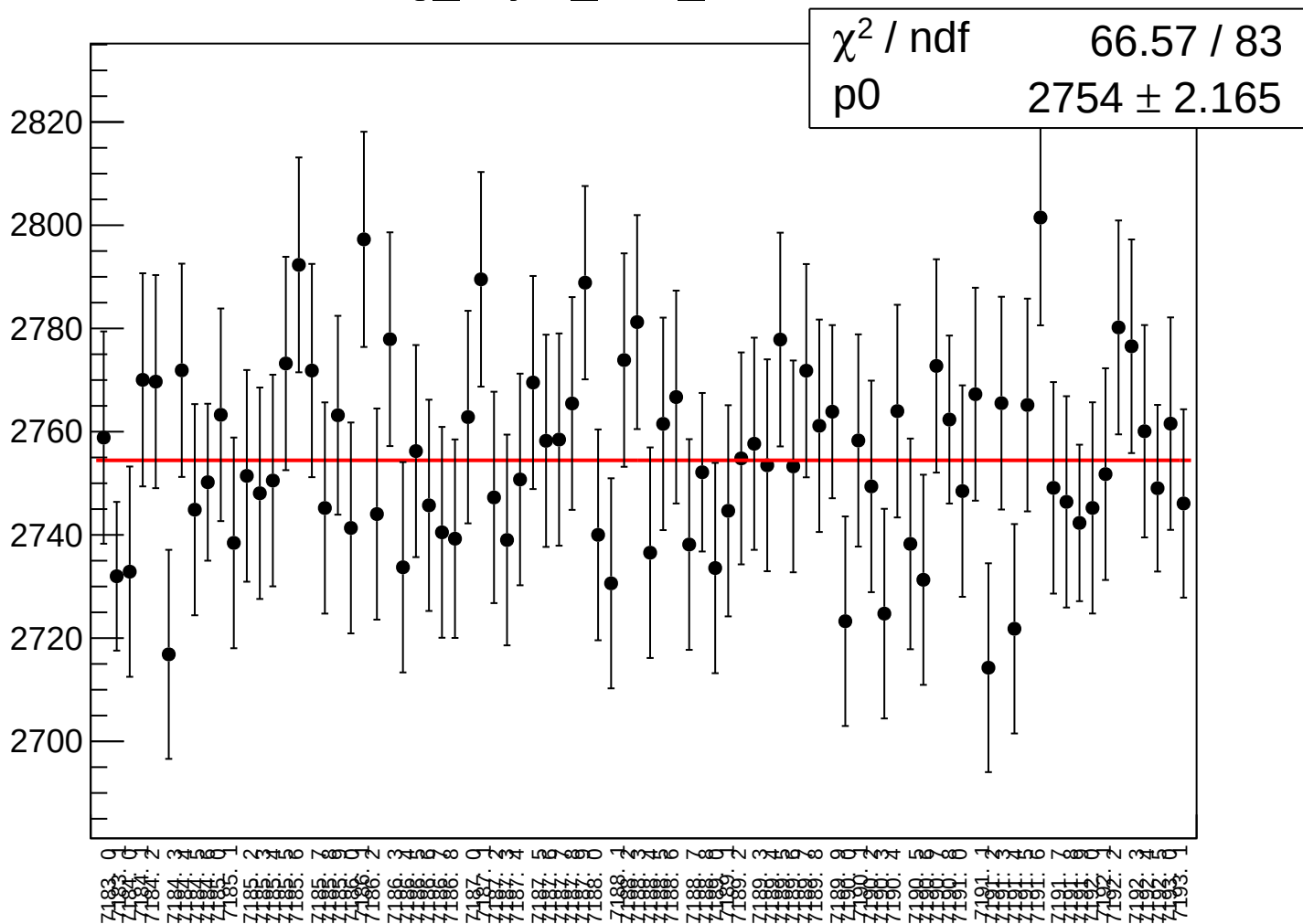
asym_atl2_eigen_cor_vs_cor_diff_rms vs run



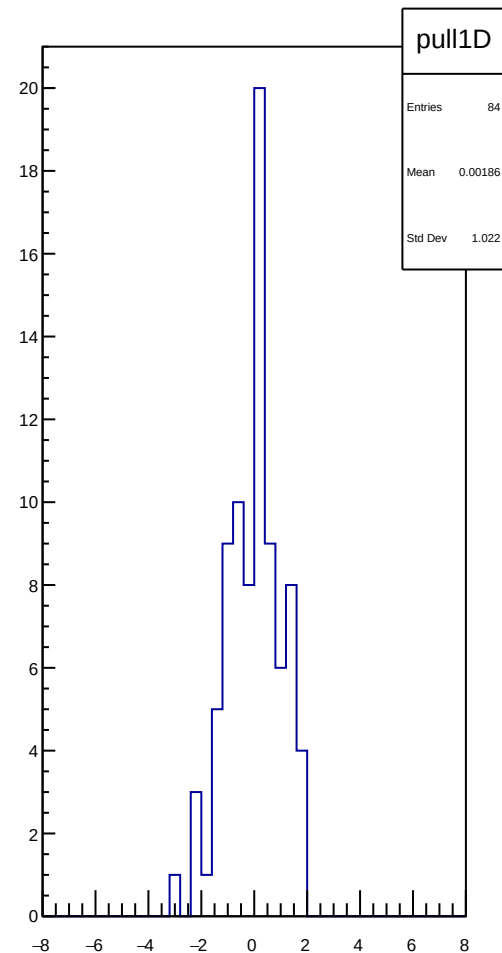
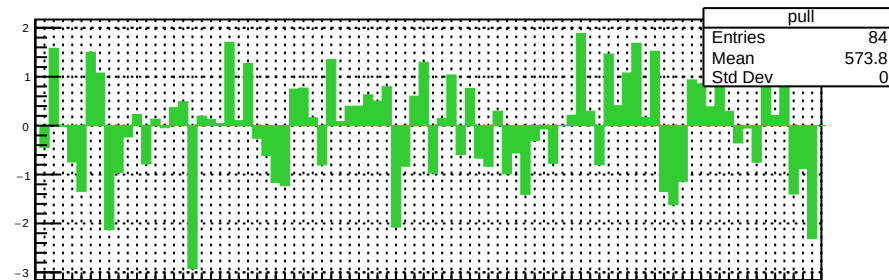
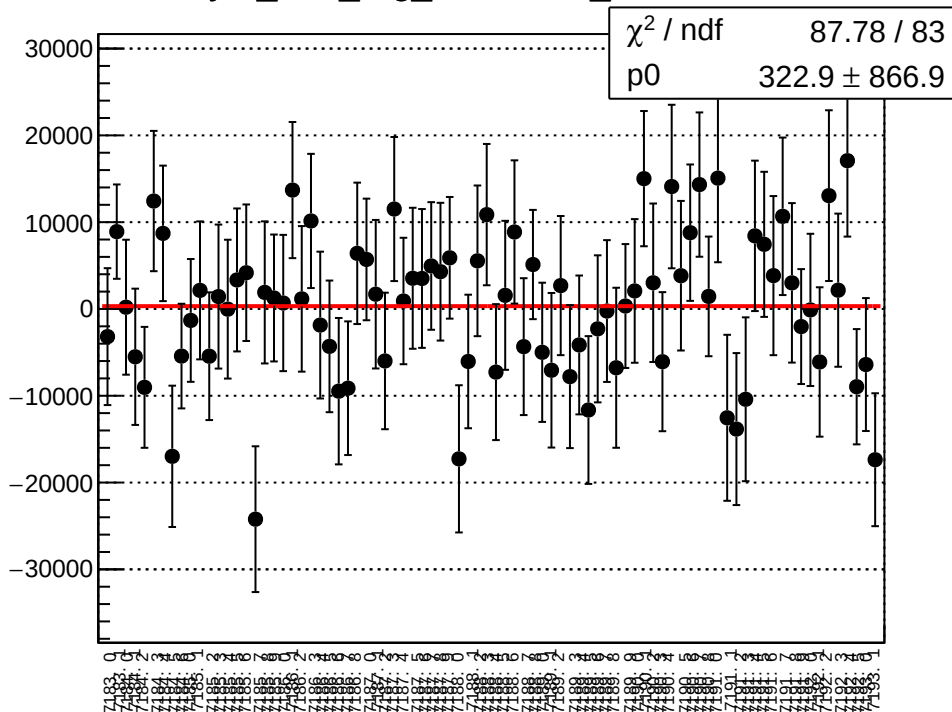
reg_asym_atr1_mean vs run



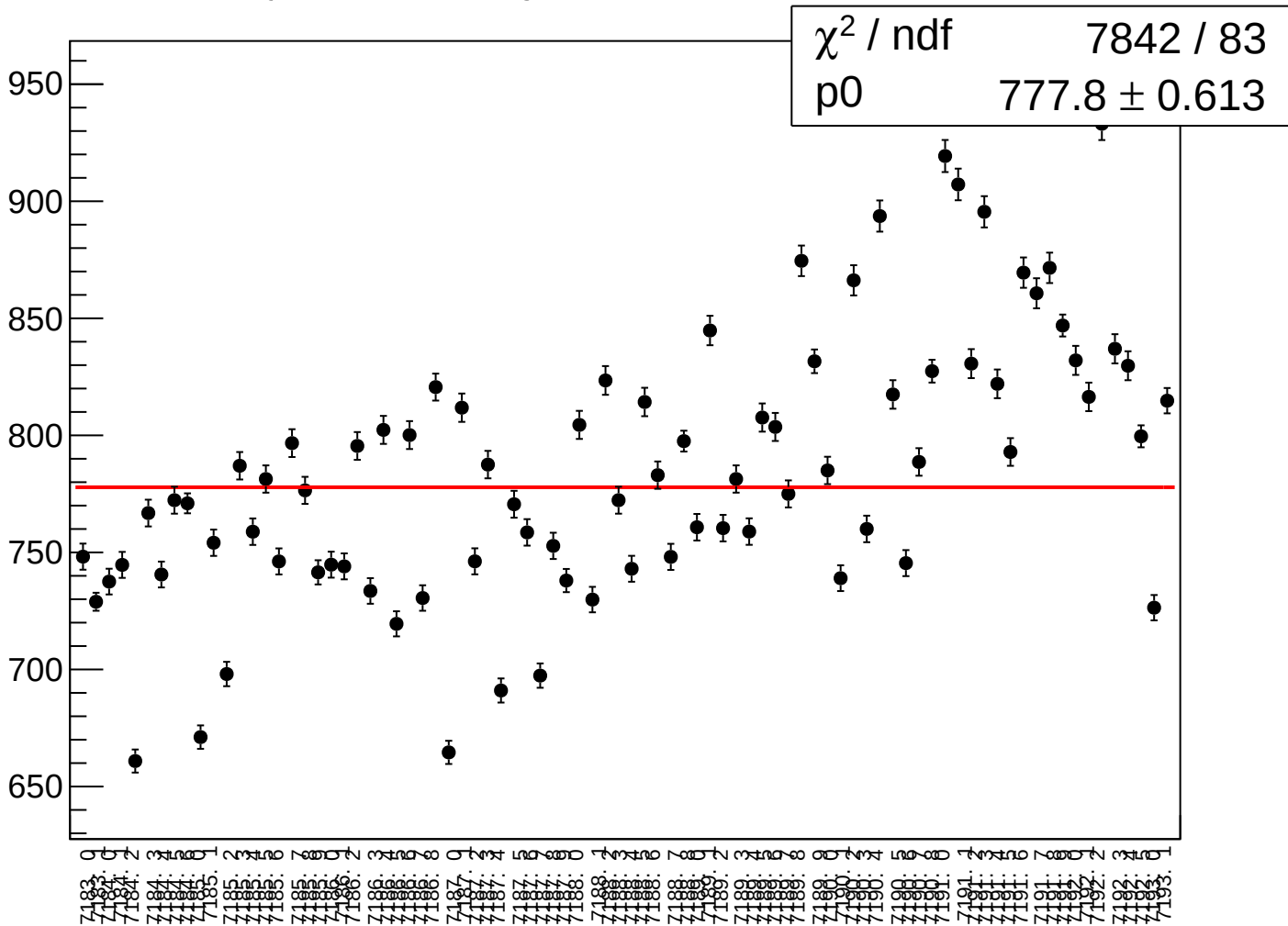
reg_asym_atr1_rms vs run



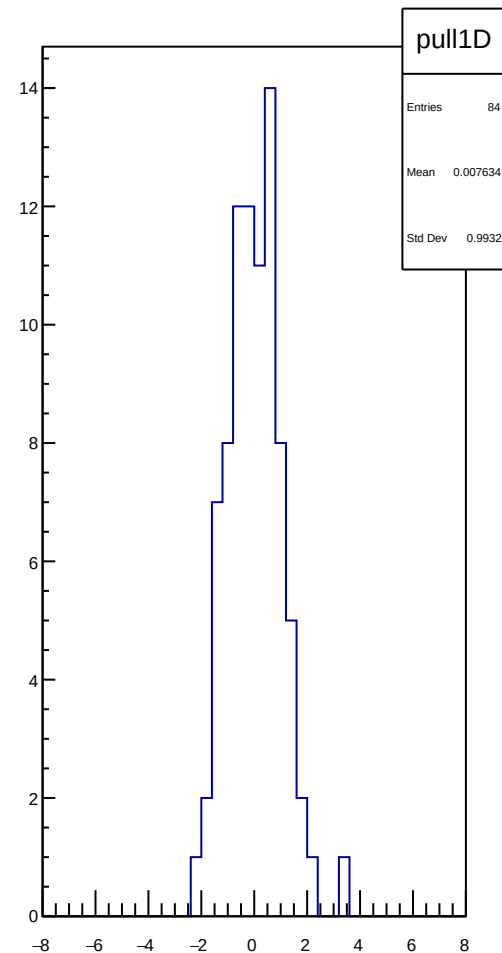
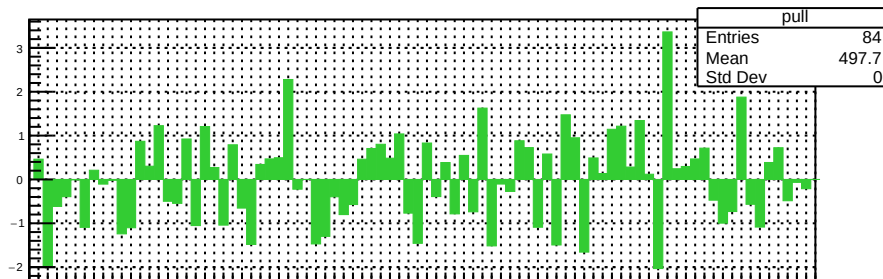
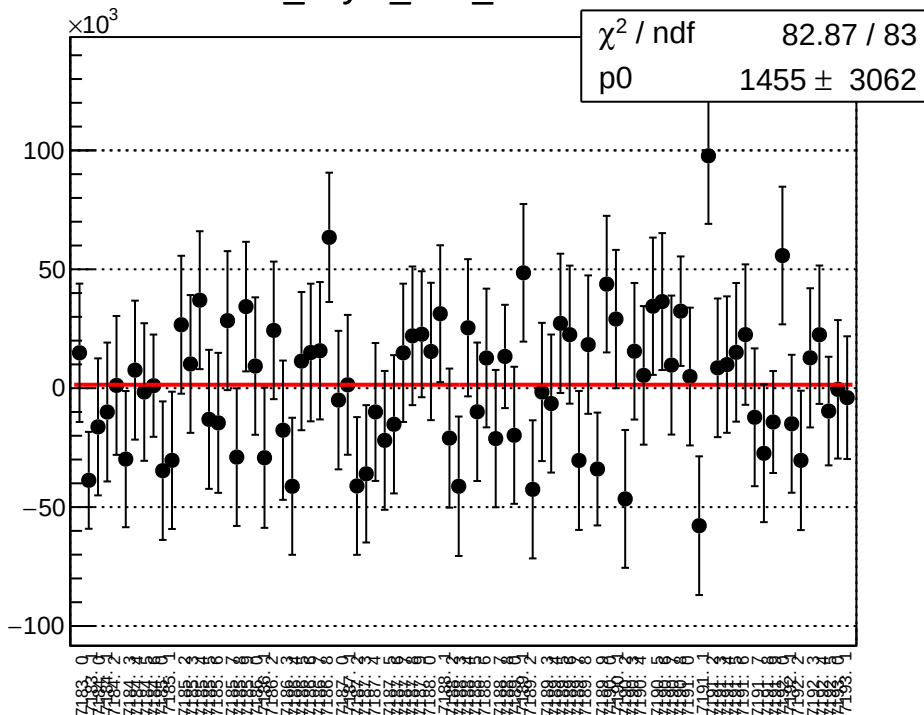
asym_atr1_reg_correction_mean vs run



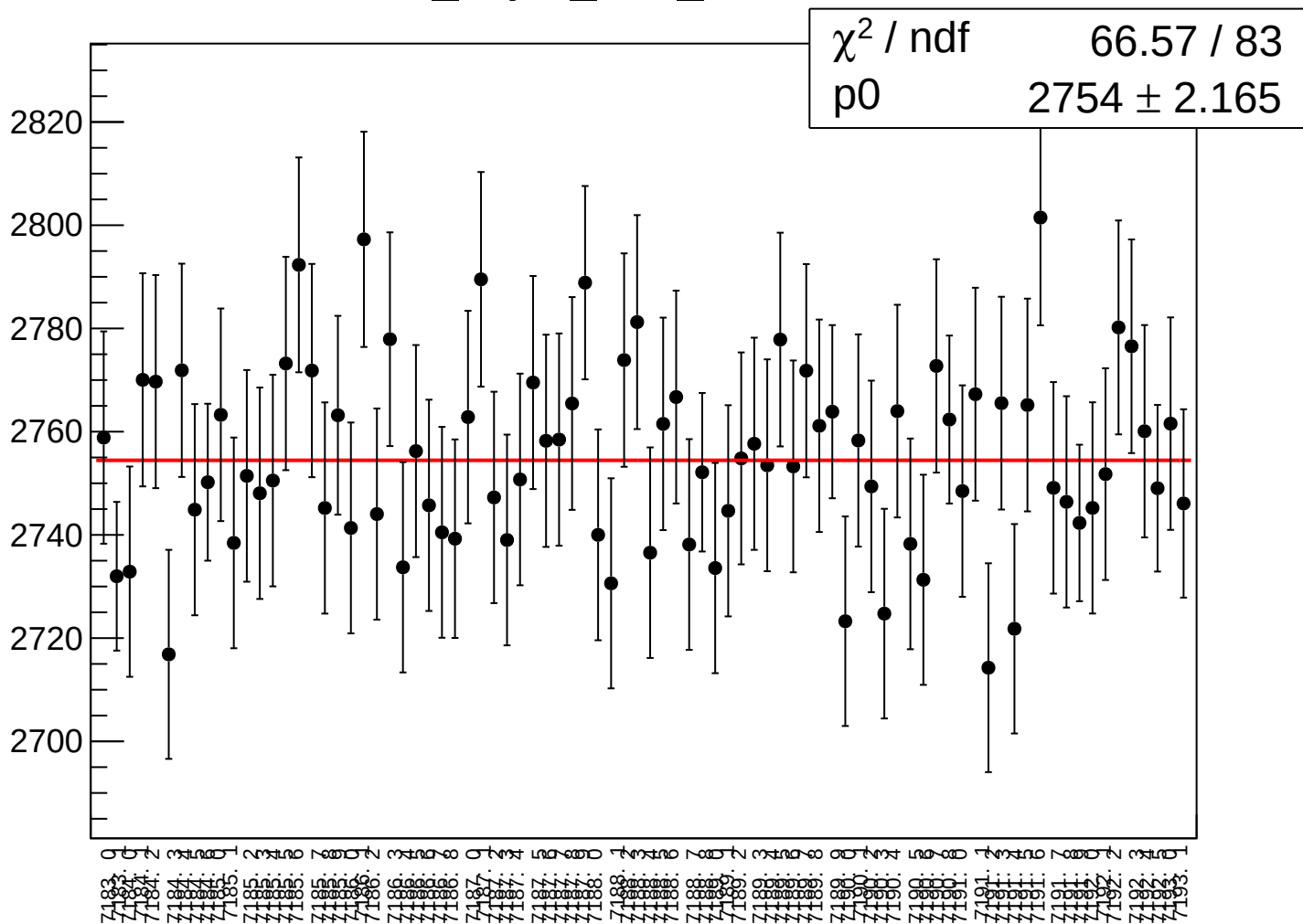
asym_atr1_reg_correction_rms vs run



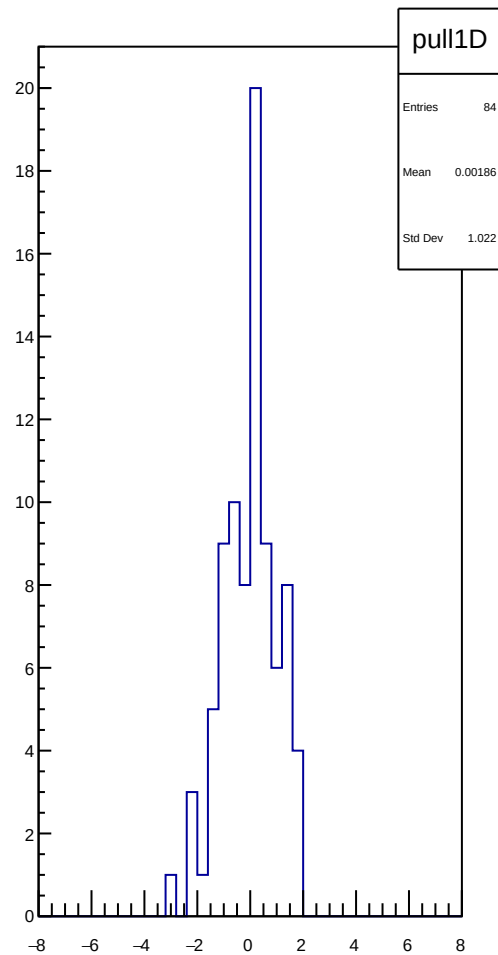
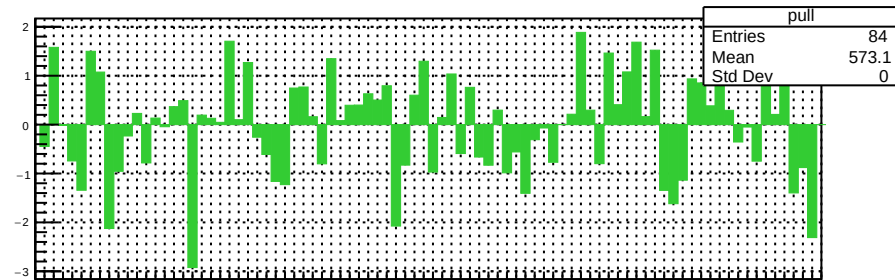
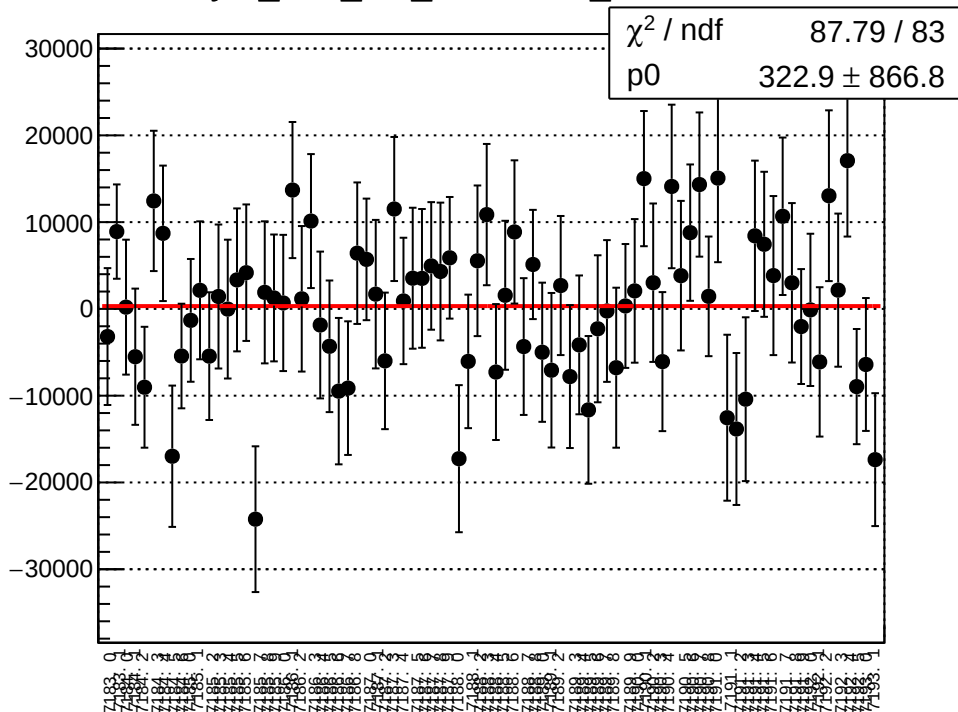
cor_asym_atr1_mean vs run



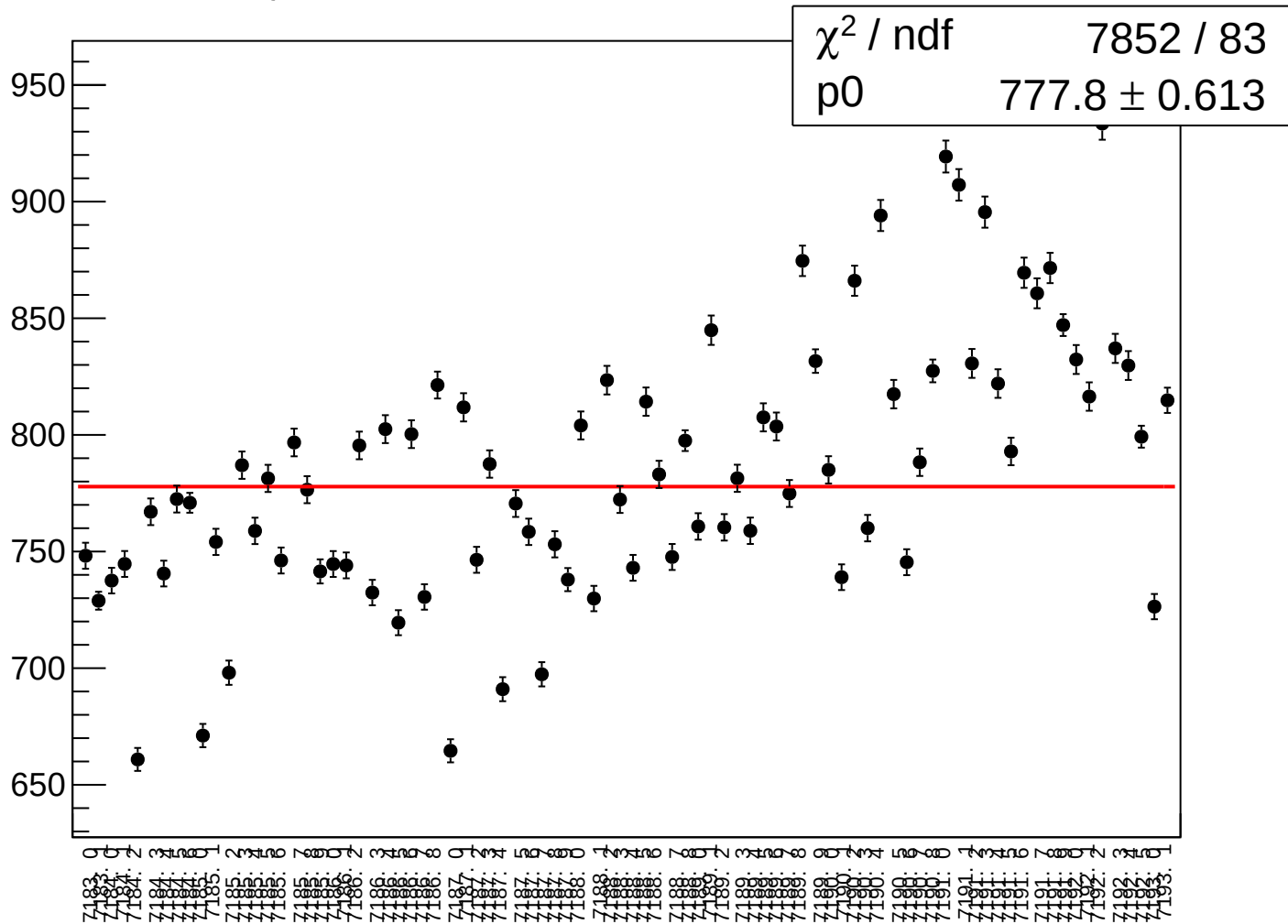
cor_asym_atr1_rms vs run



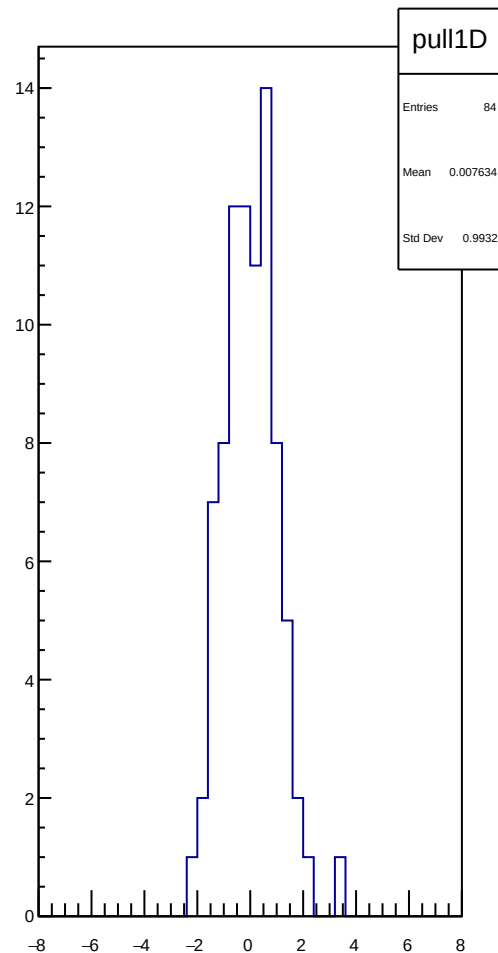
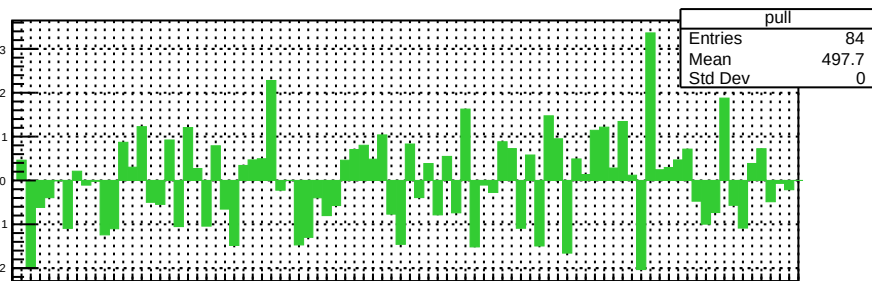
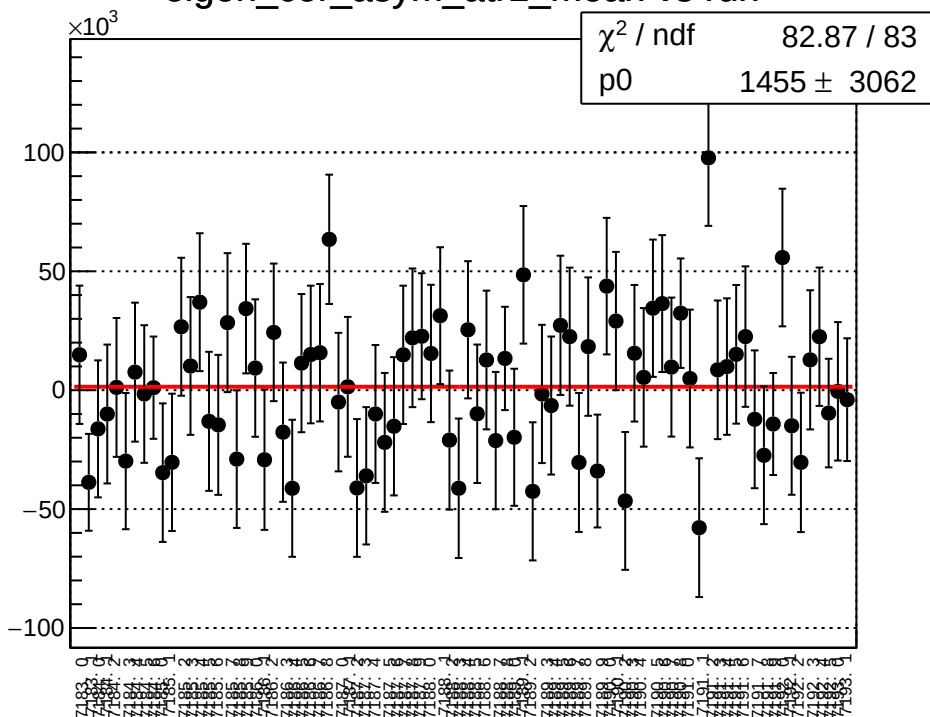
asym_atr1_cor_correction_mean vs run



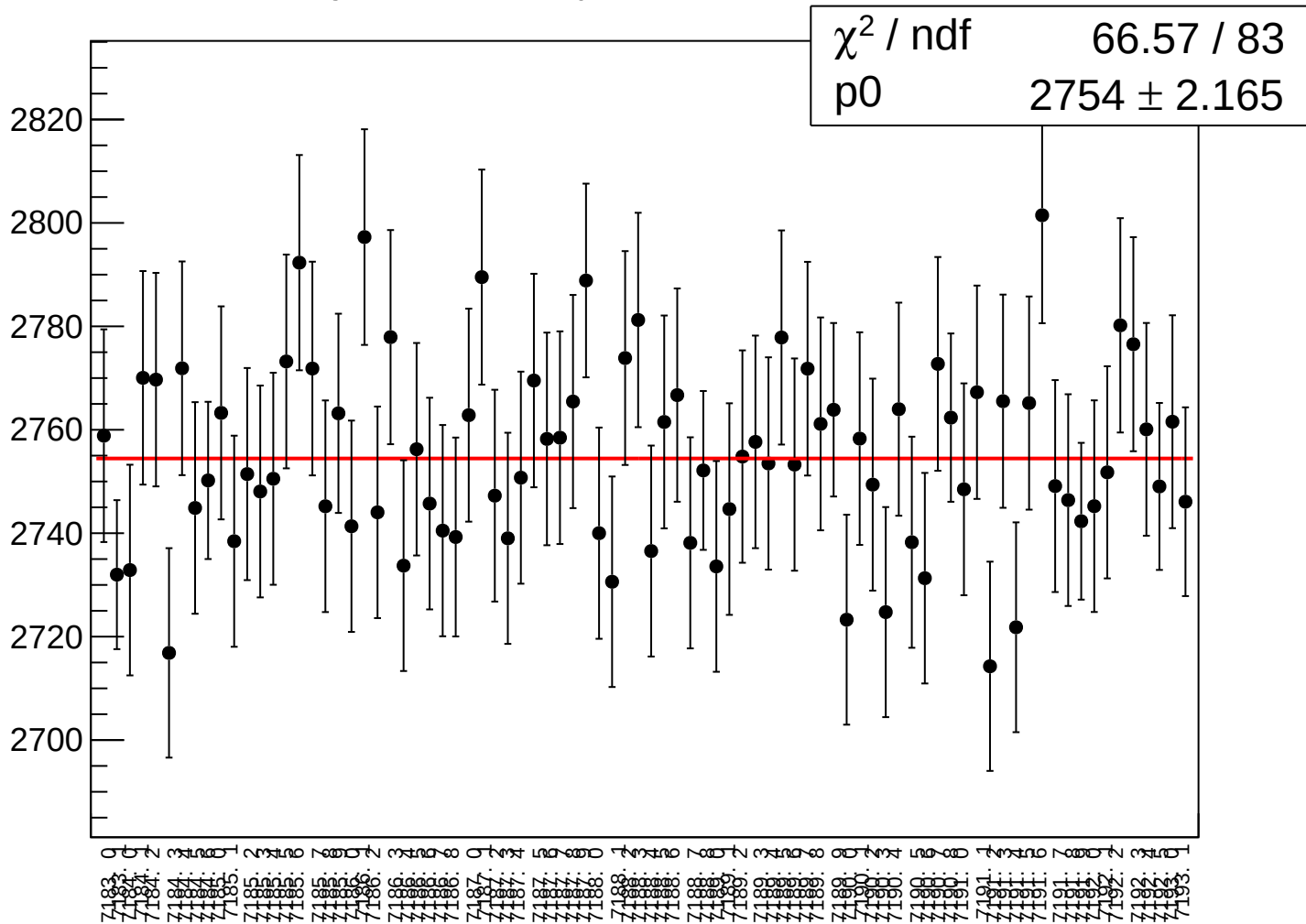
asym_atr1_cor_correction_rms vs run



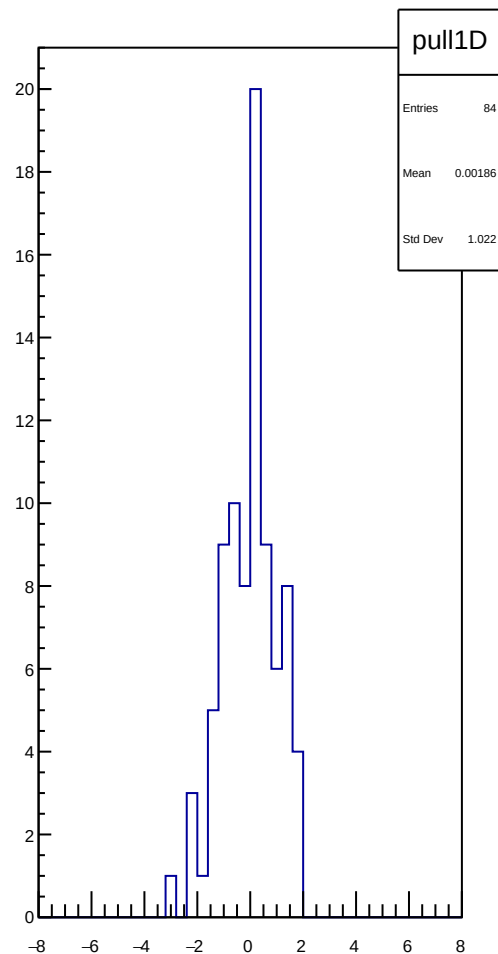
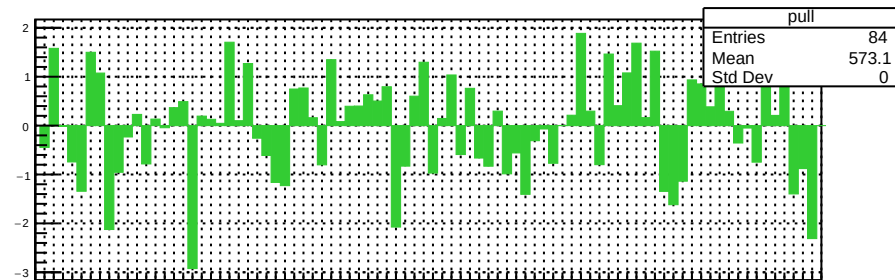
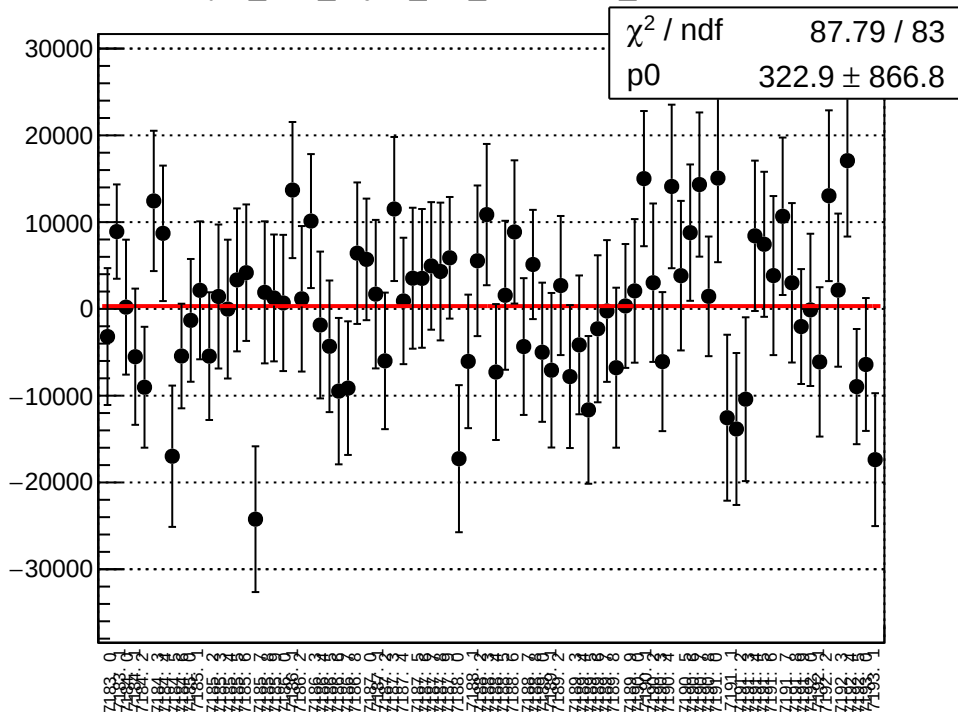
eigen_cor_asym_atr1_mean vs run



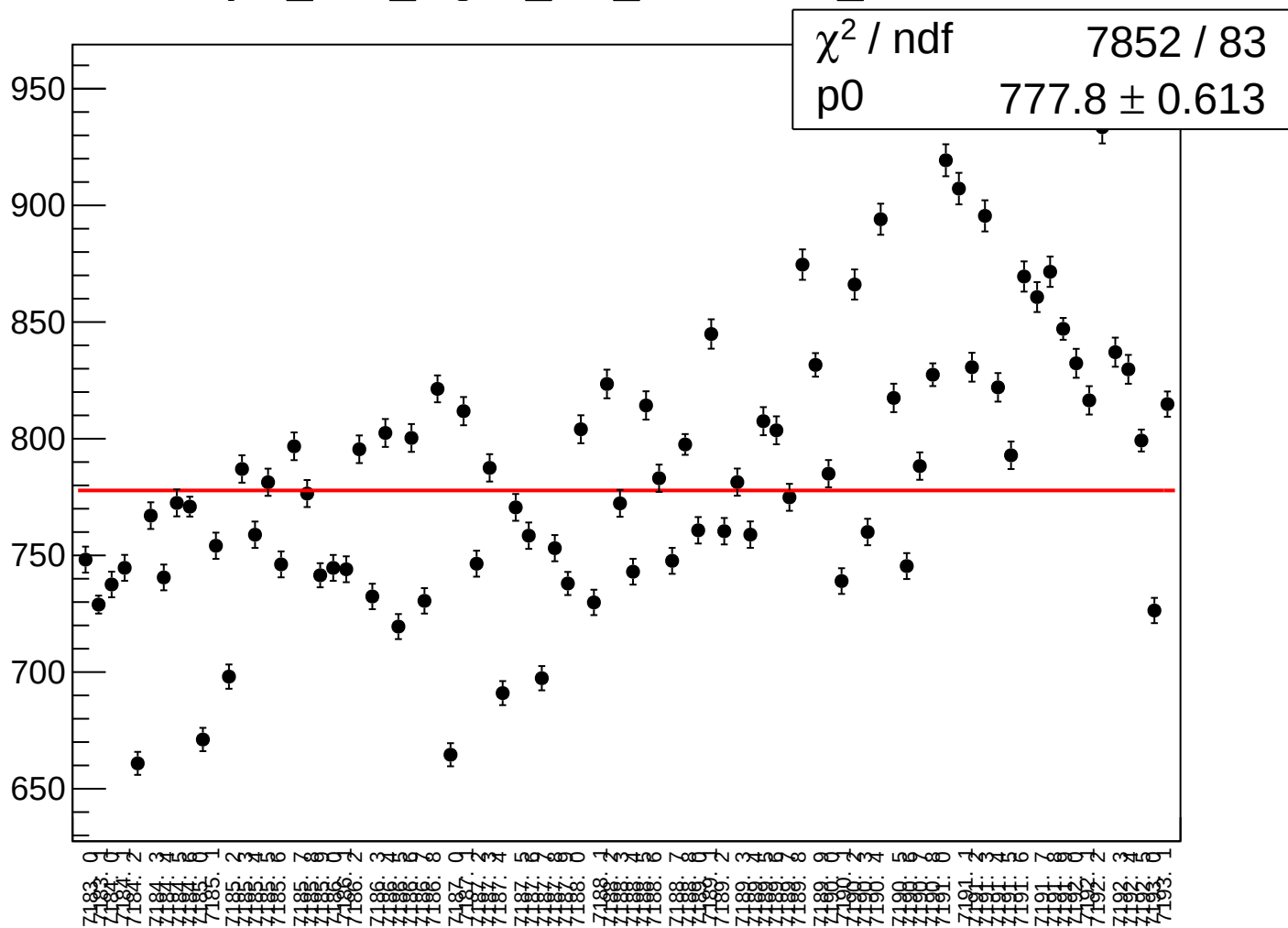
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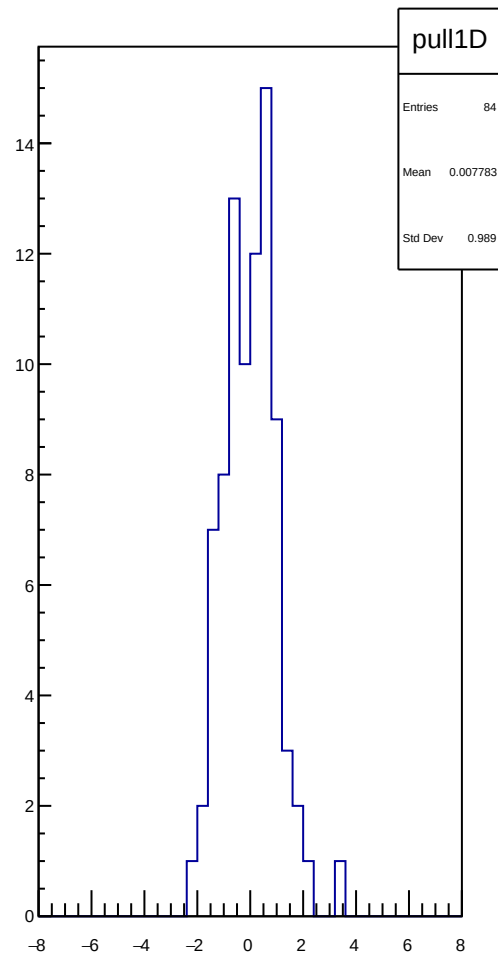
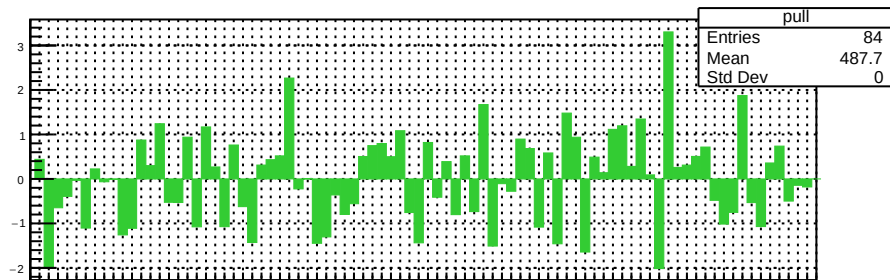
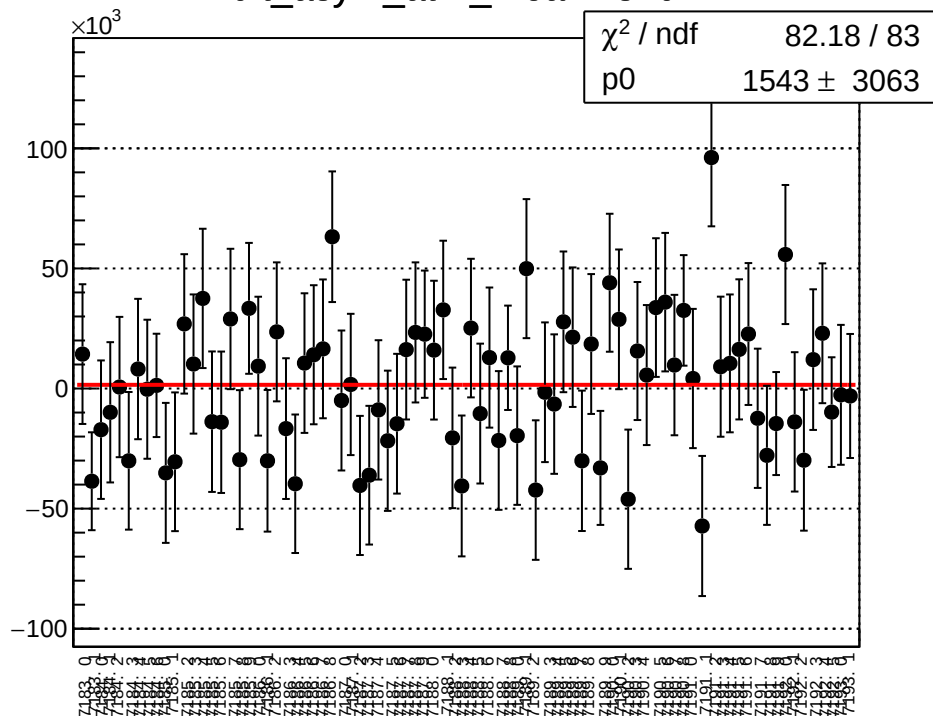
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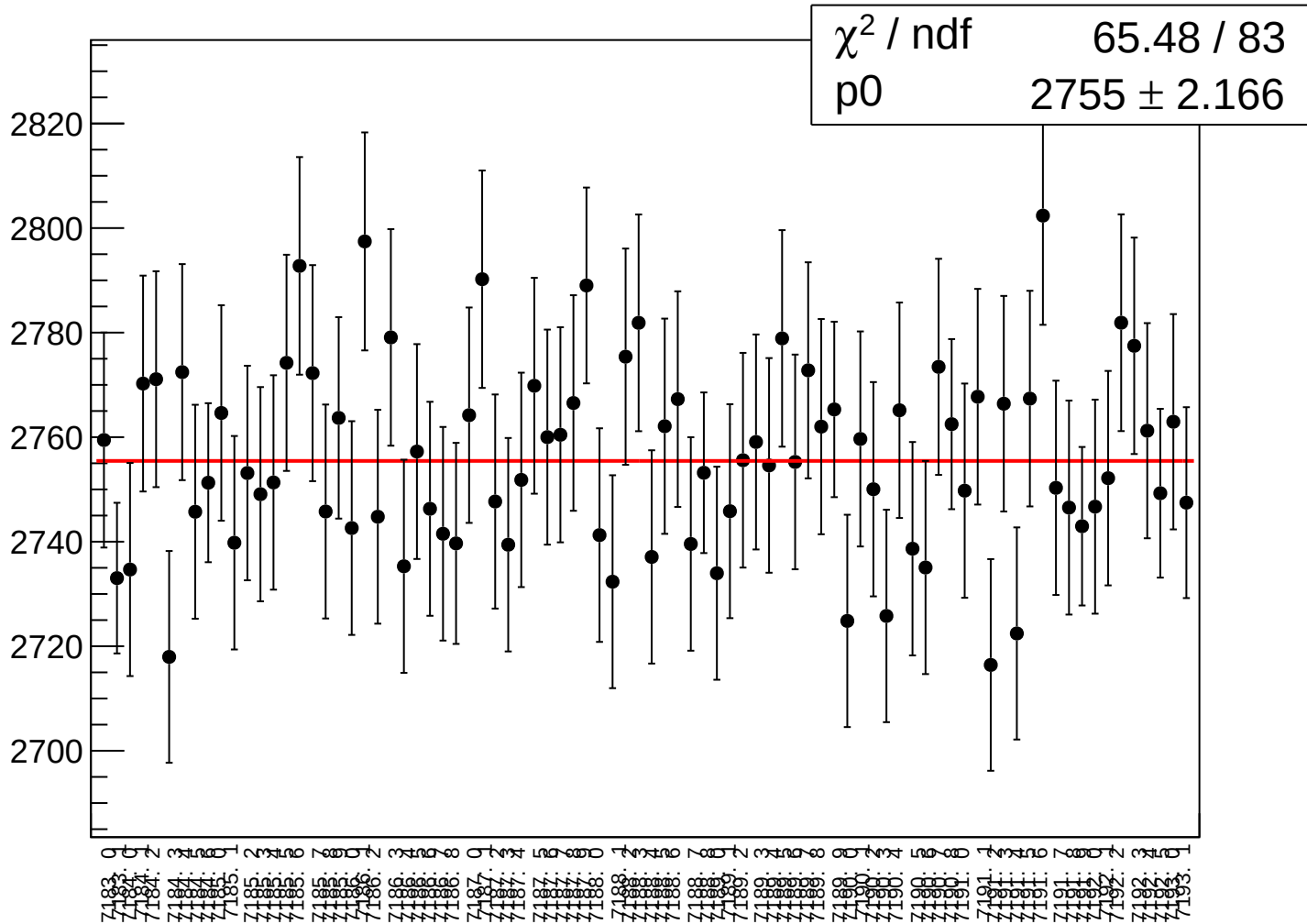
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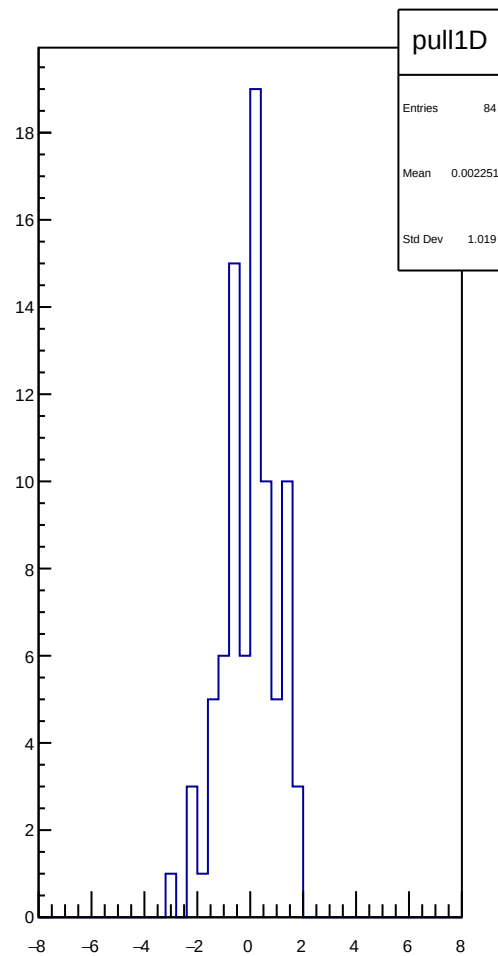
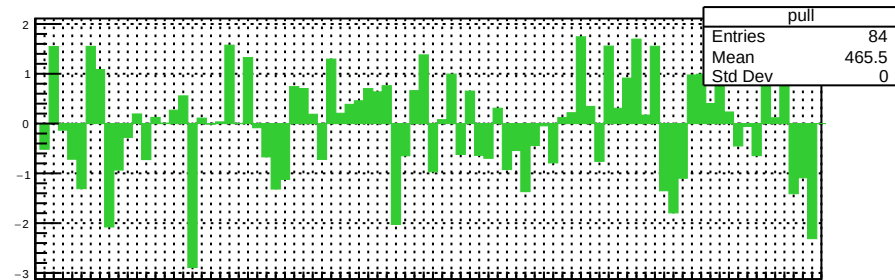
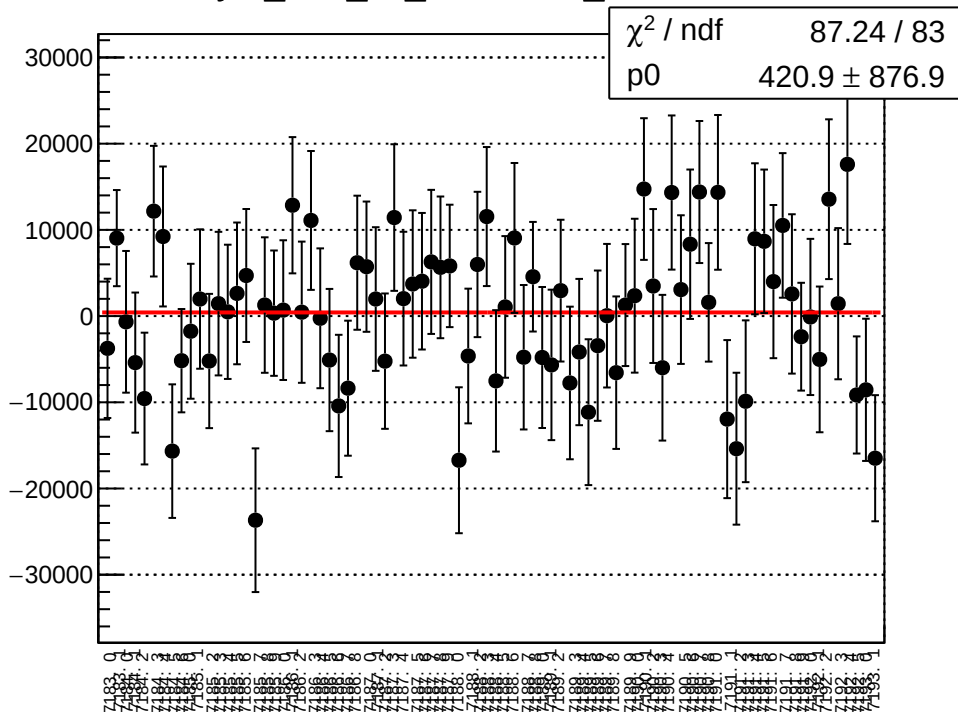
dit_asym_atr1_mean vs run



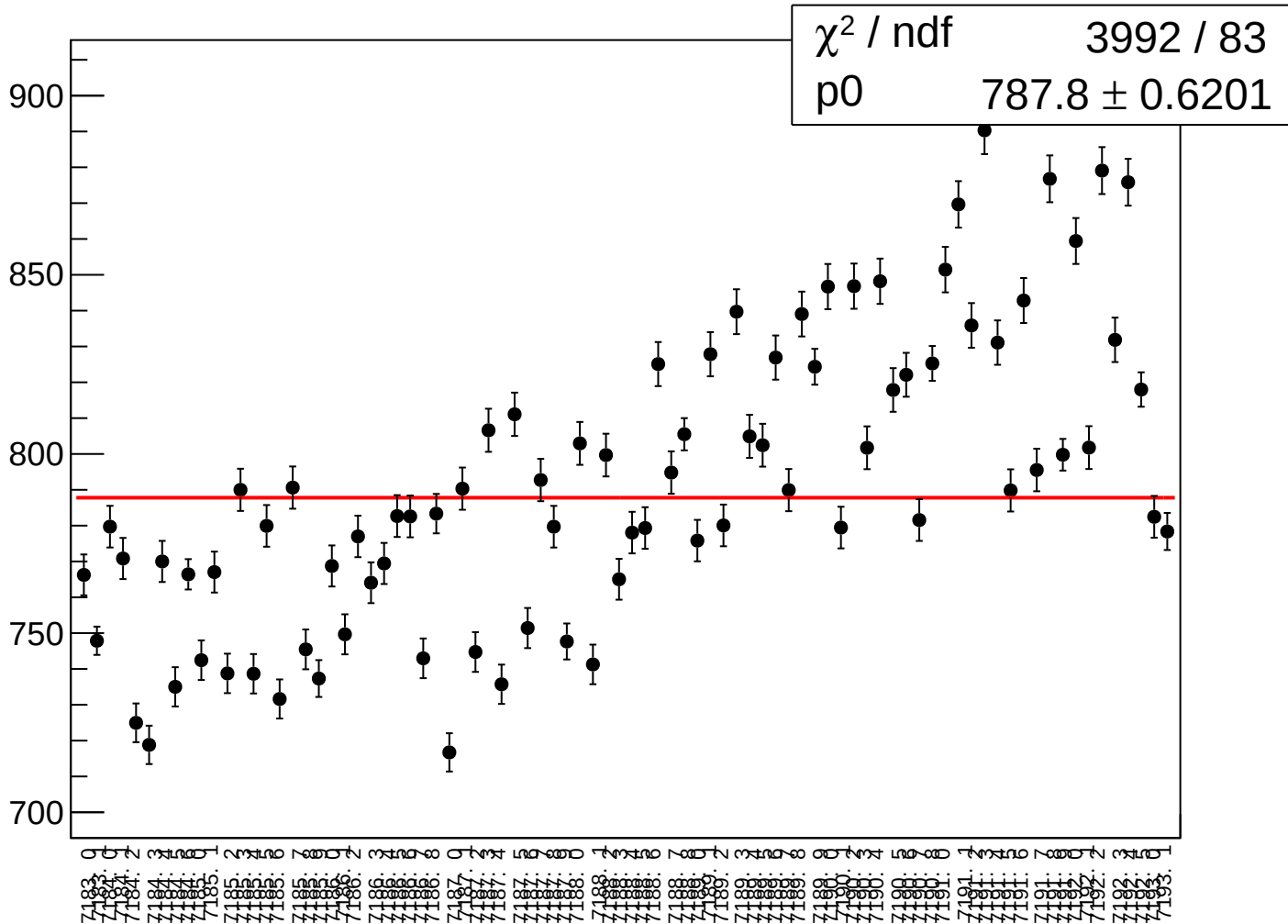
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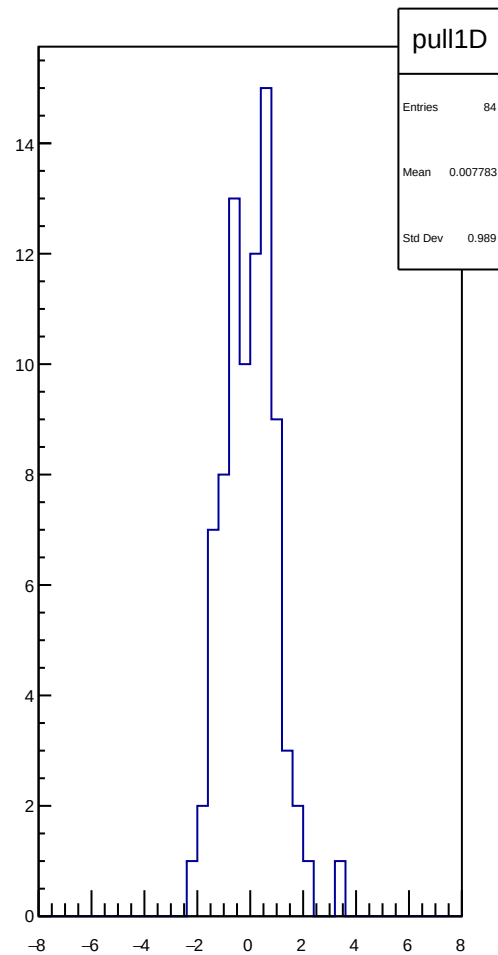
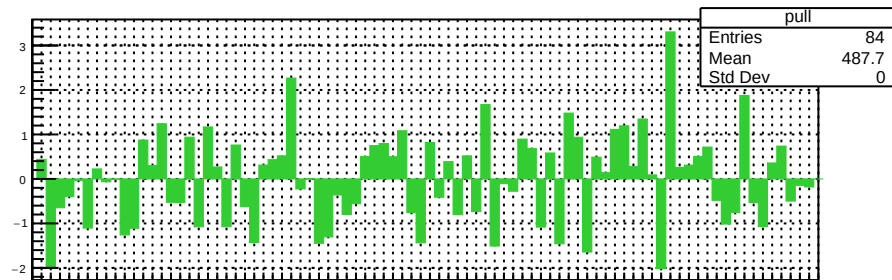
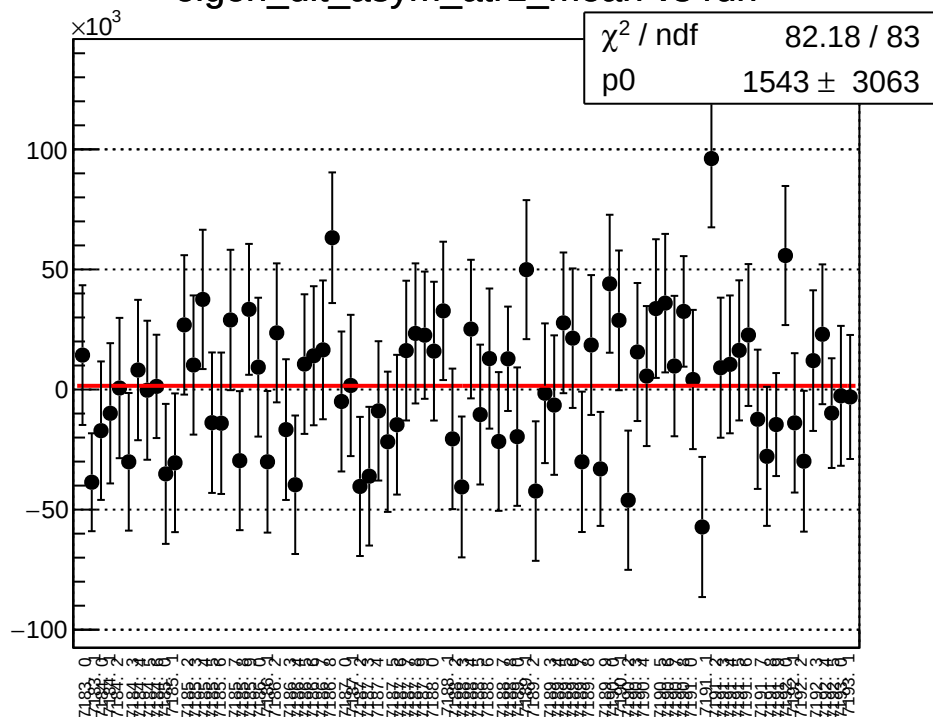
asym_atr1_dit_correction_mean vs run



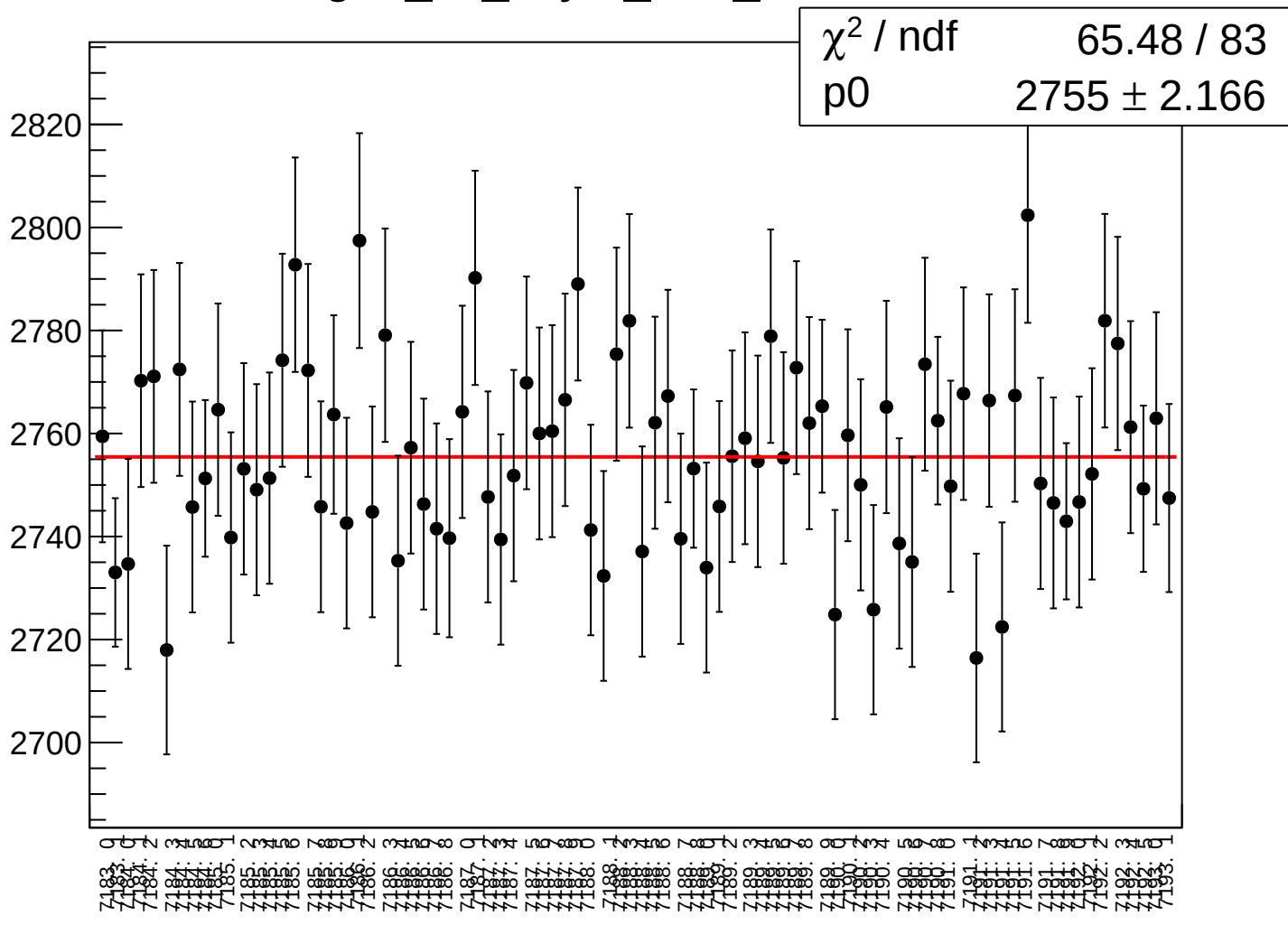
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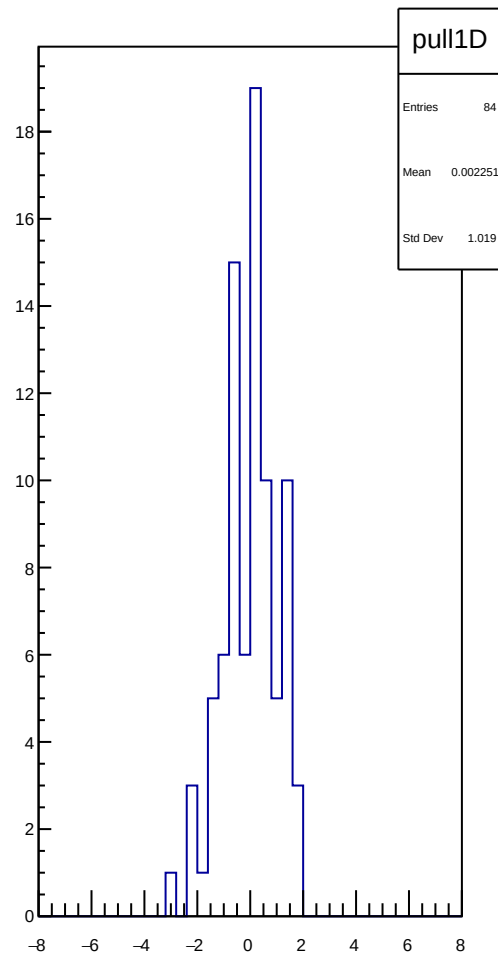
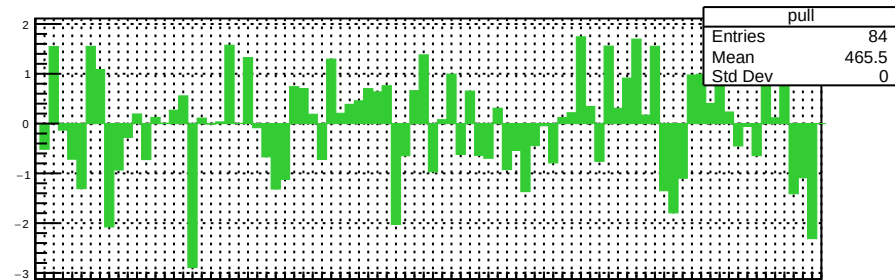
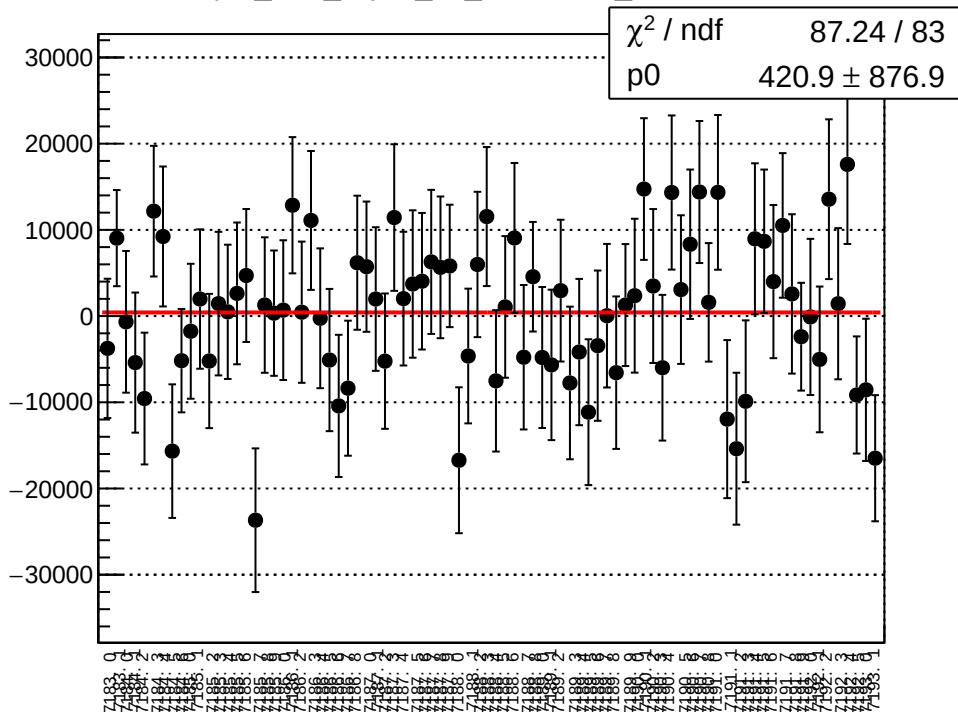
eigen_dit_asym_atr1_mean vs run



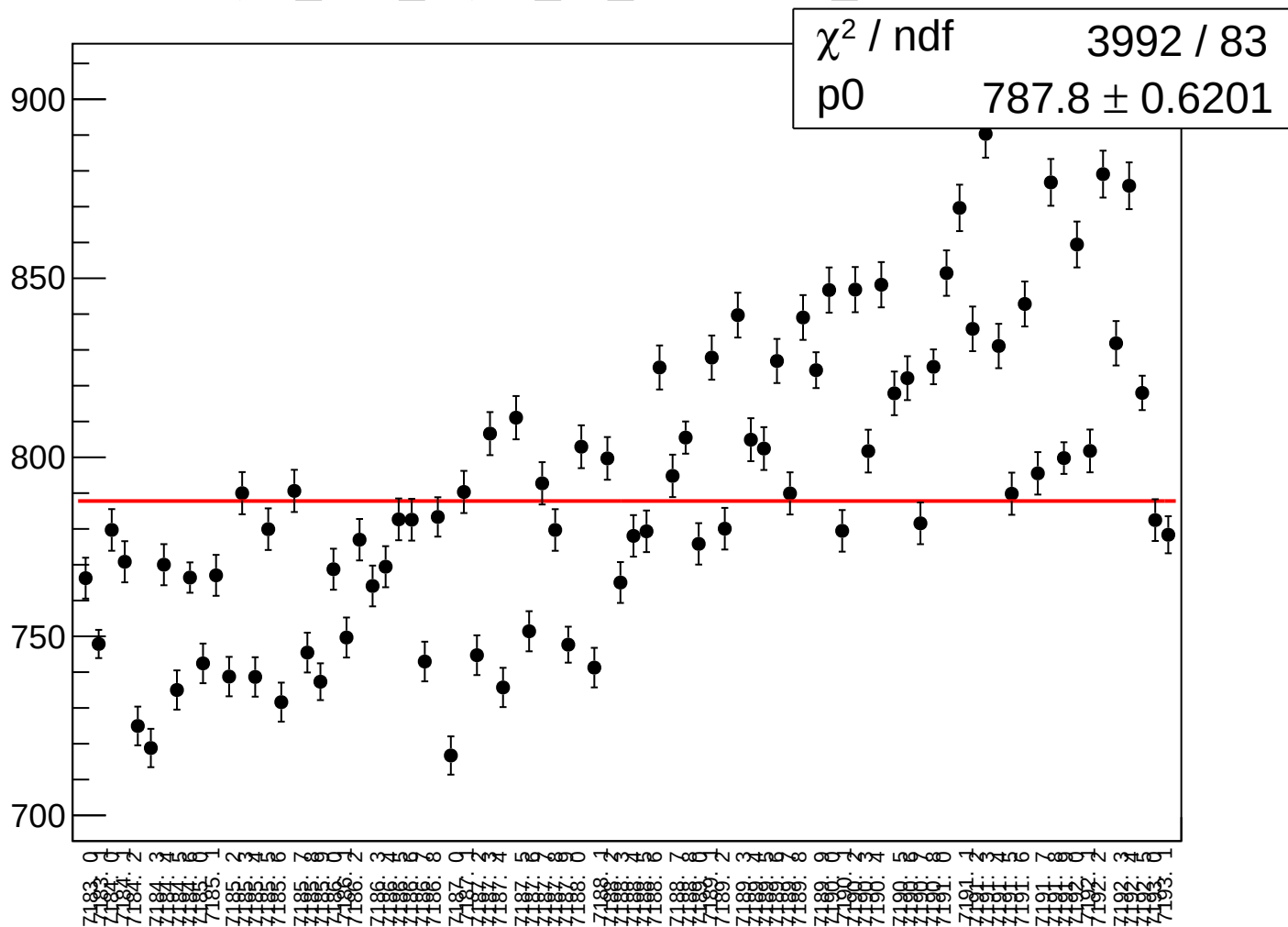
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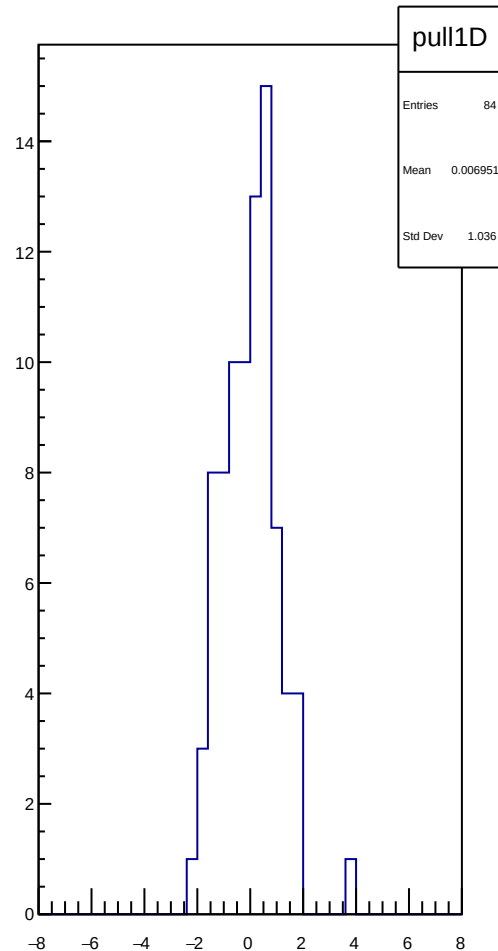
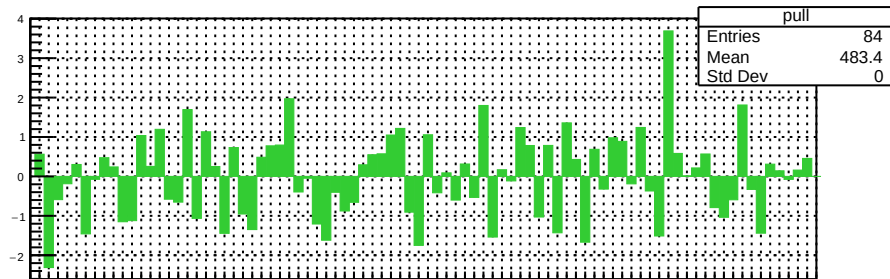
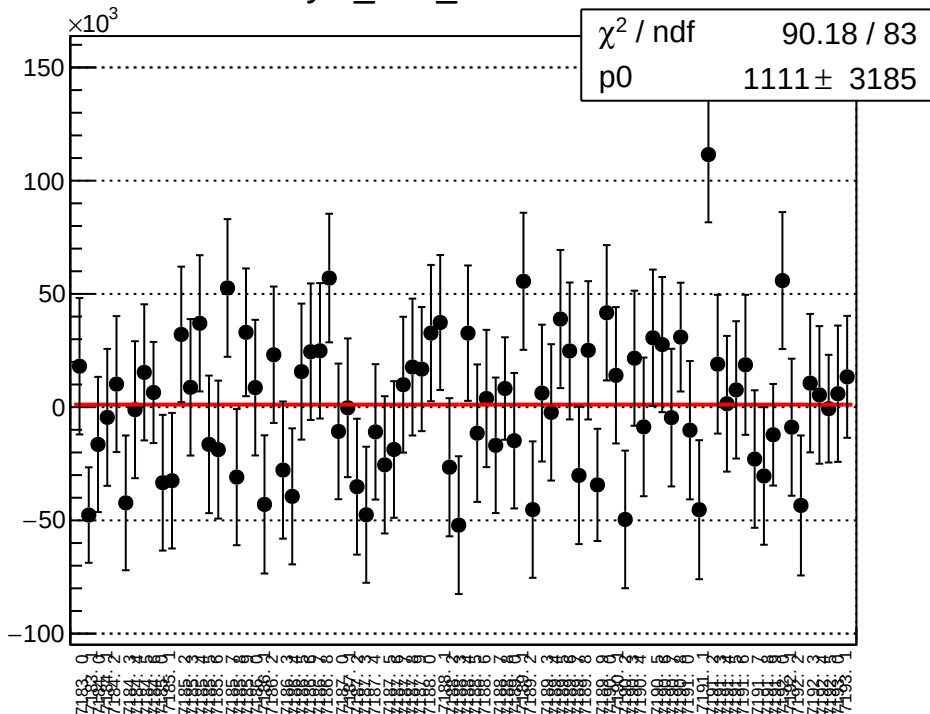
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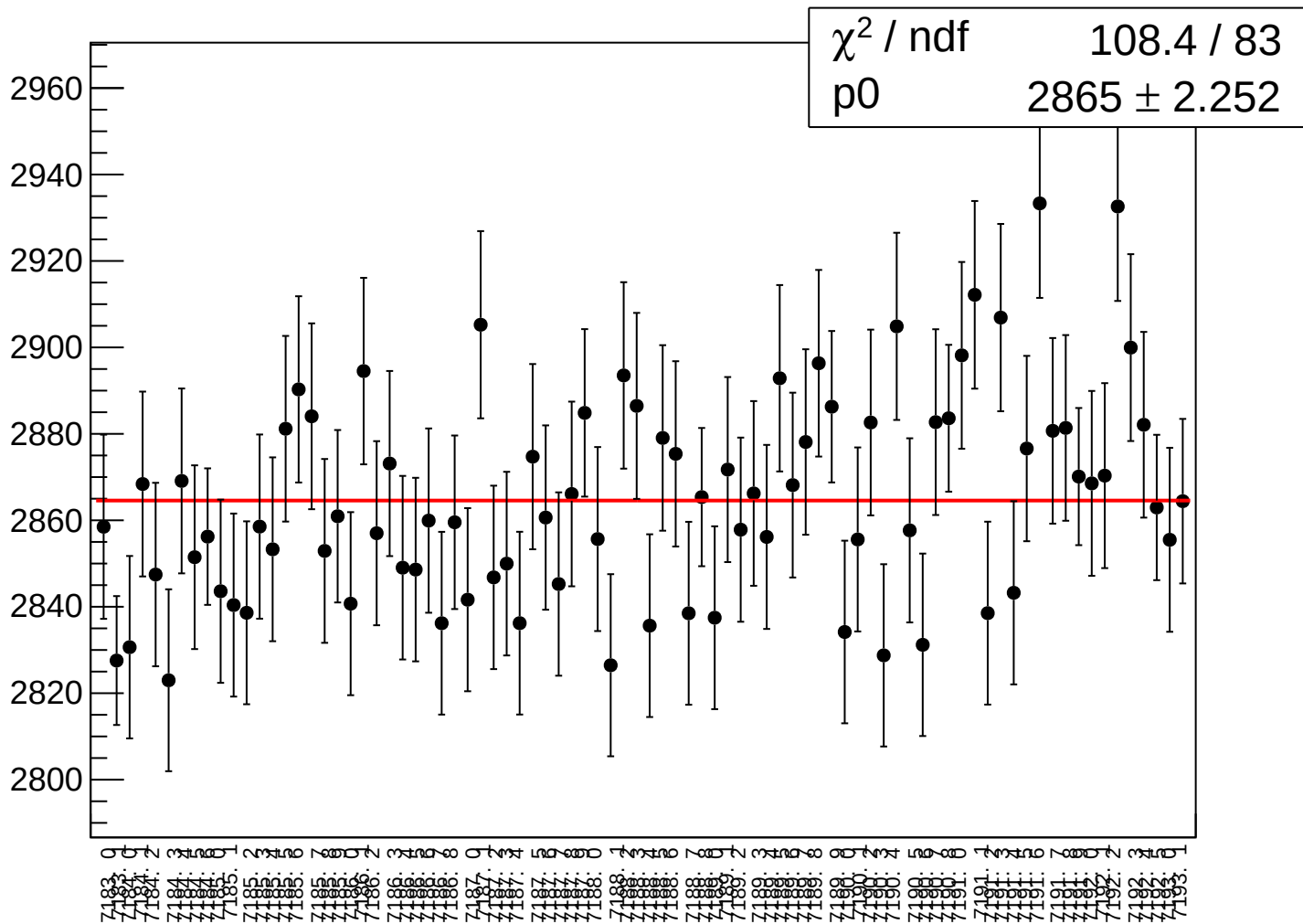
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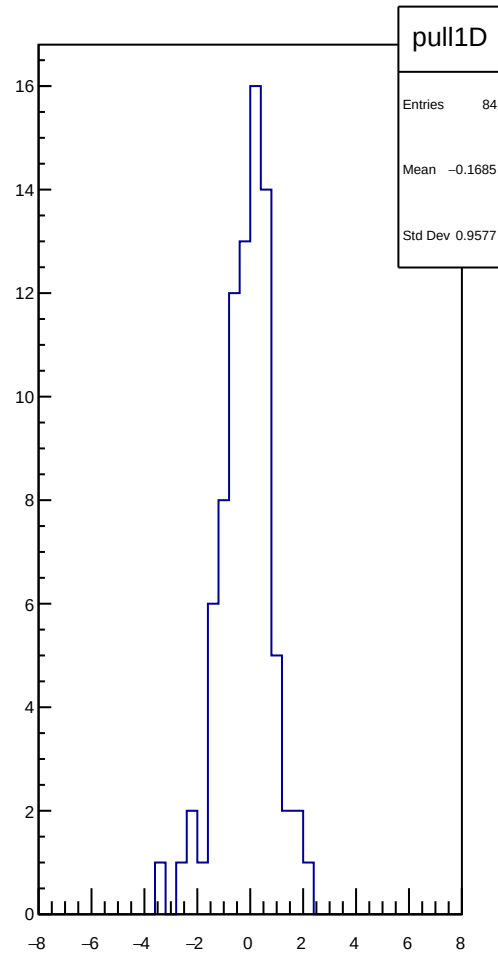
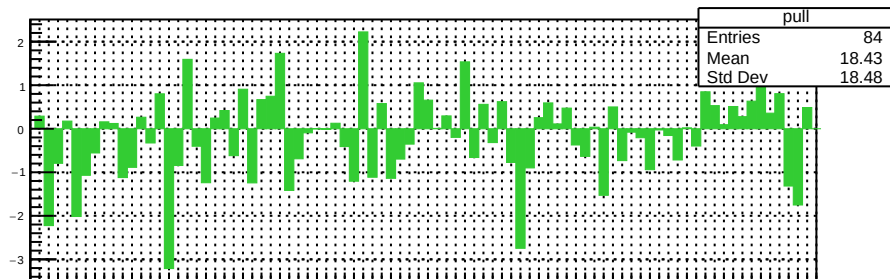
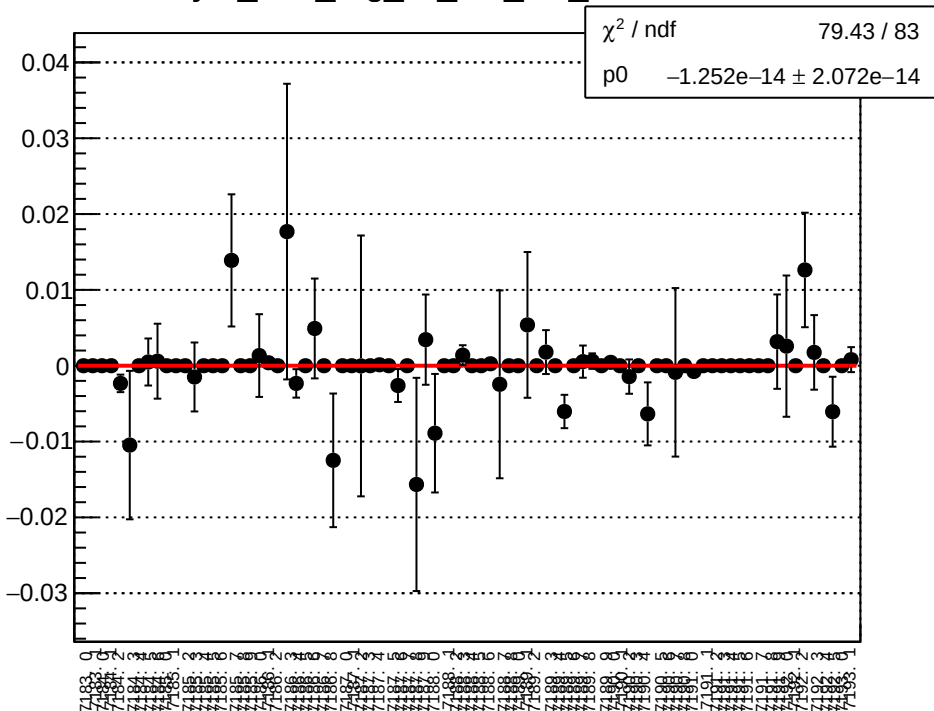
asym_atr1_mean vs run



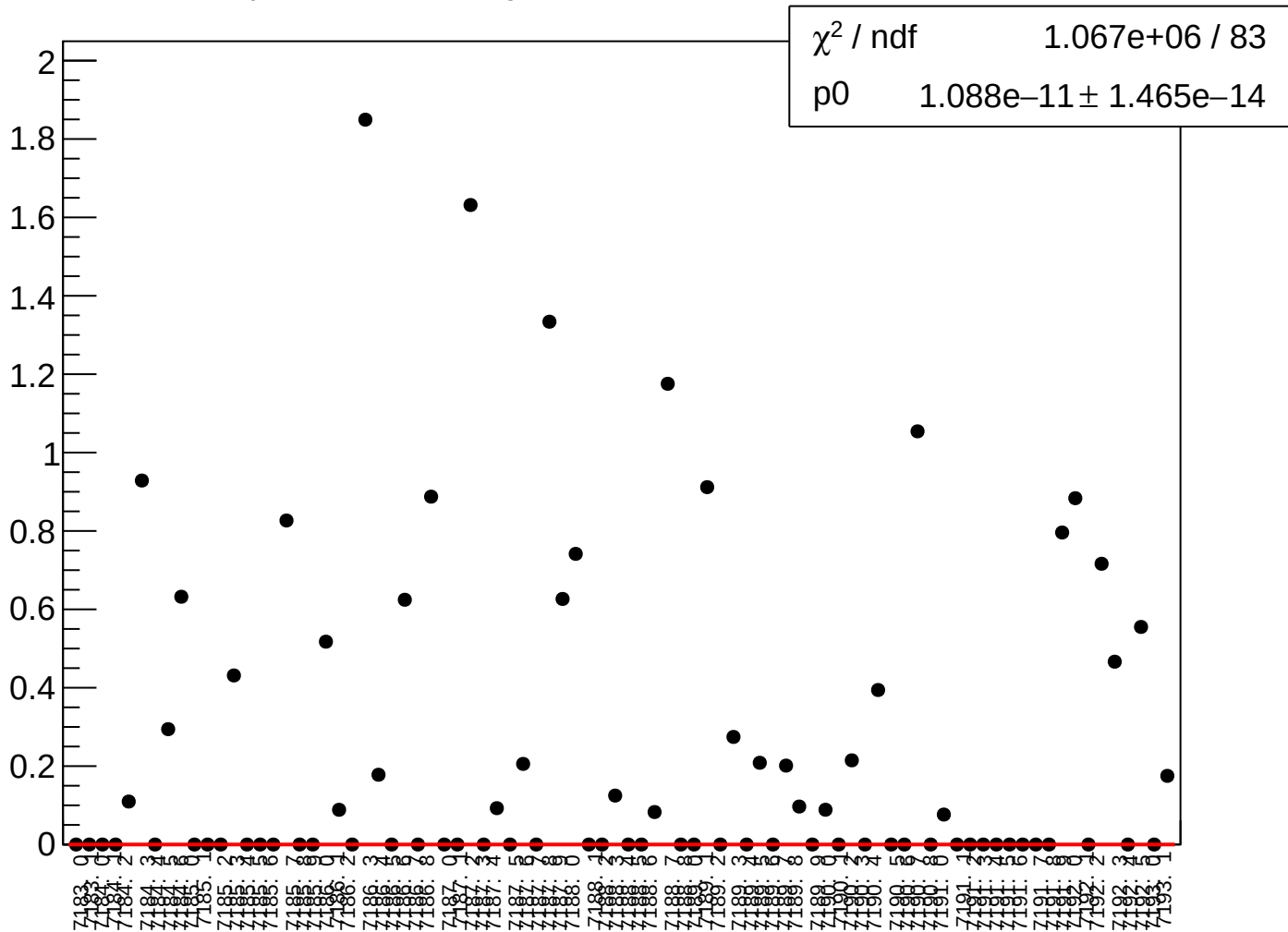
asym_atr1_rms vs run



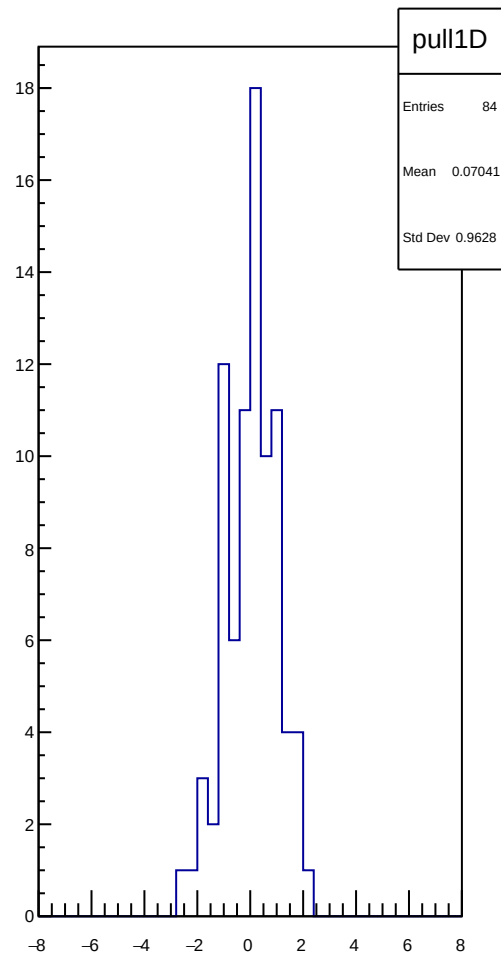
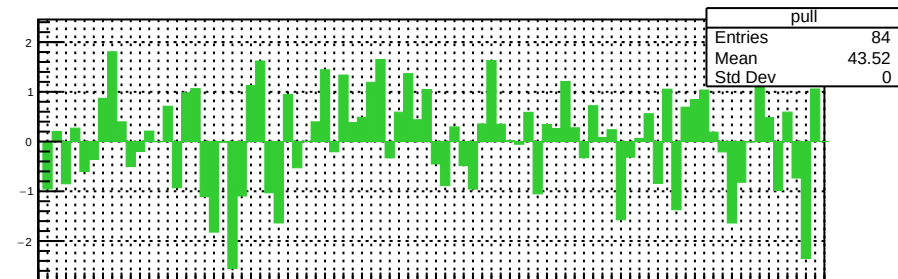
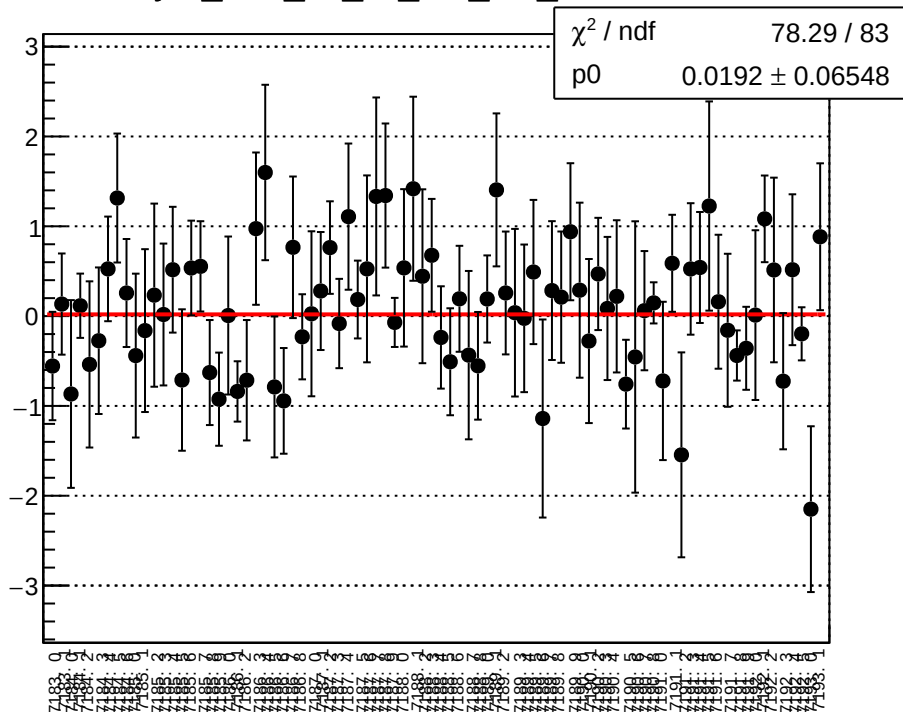
asym_atr1_reg_vs_cor_diff_mean vs run



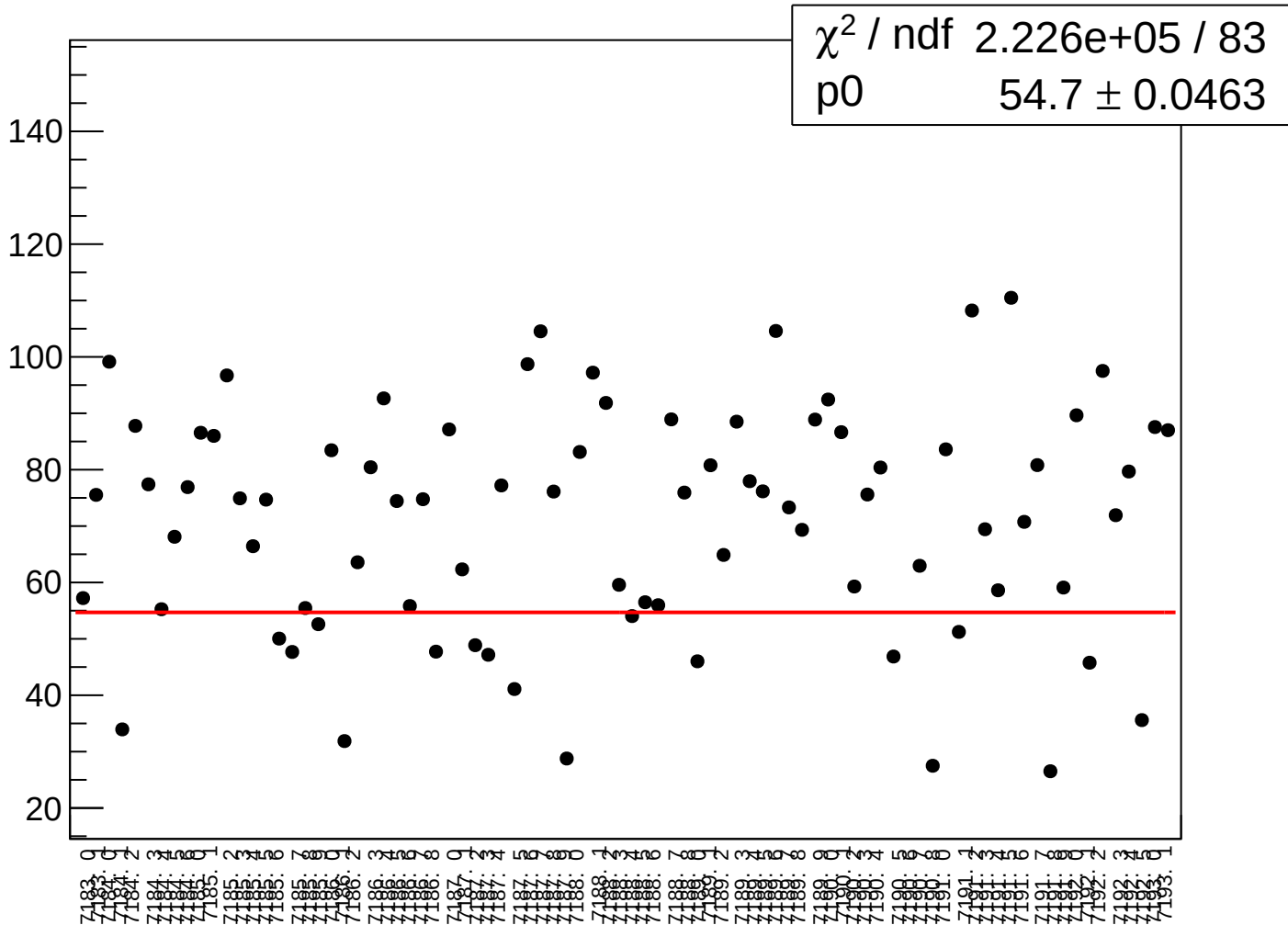
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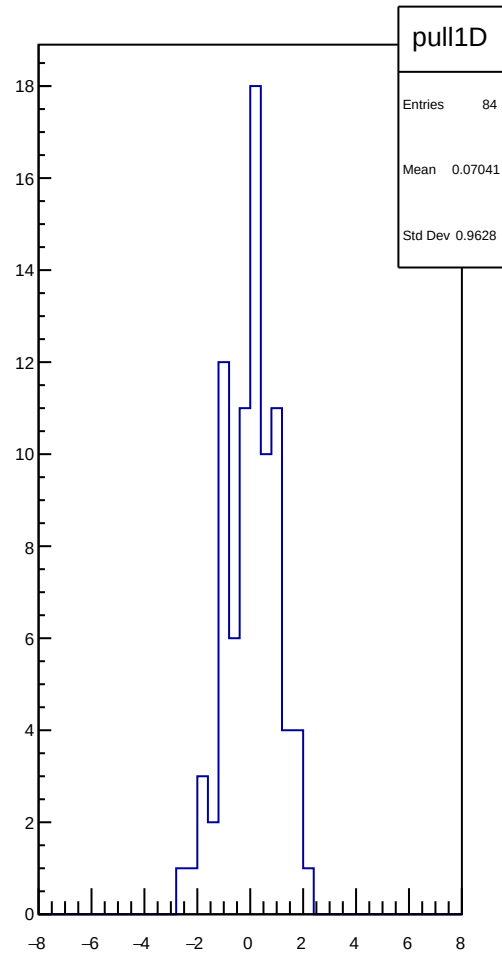
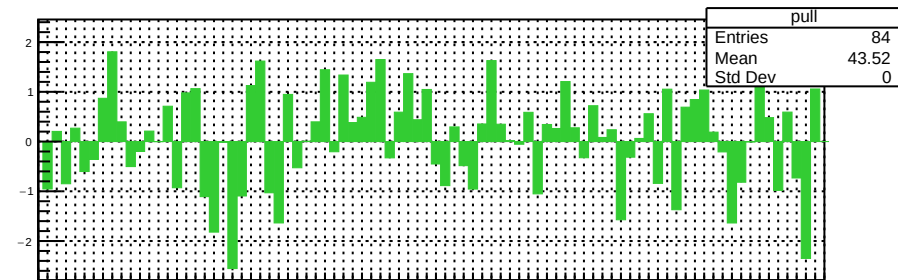
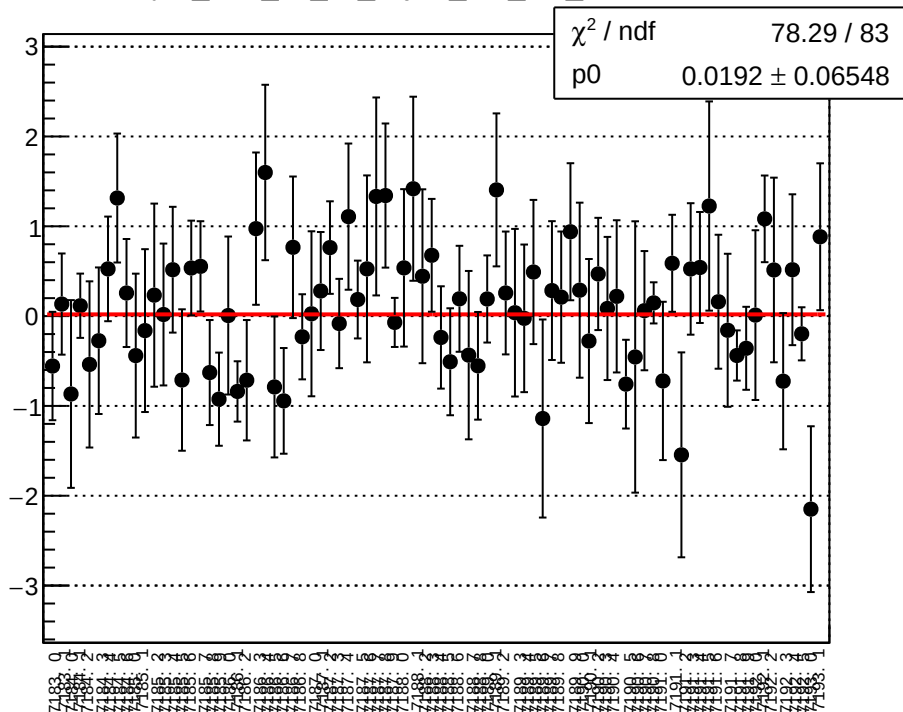
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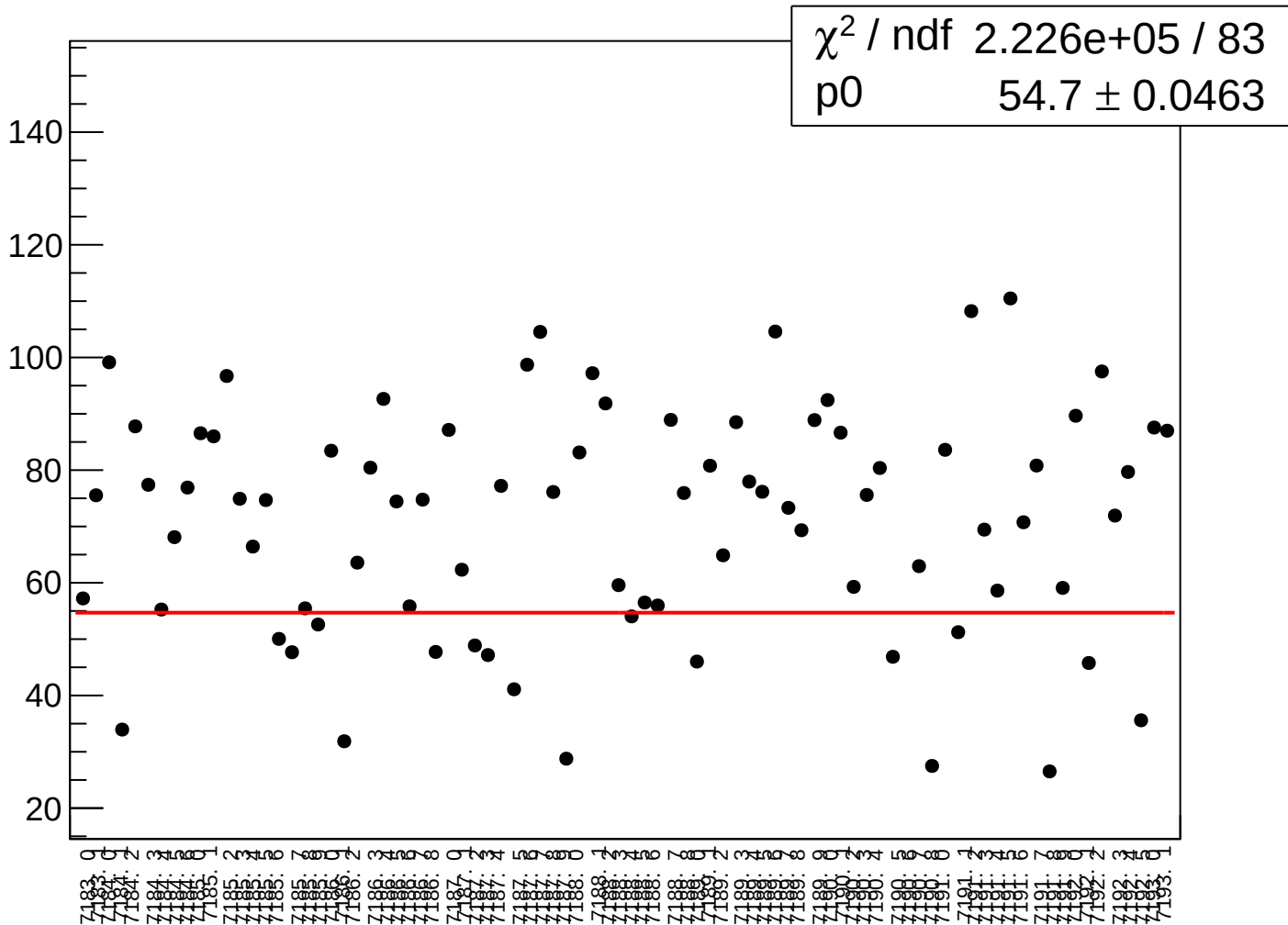
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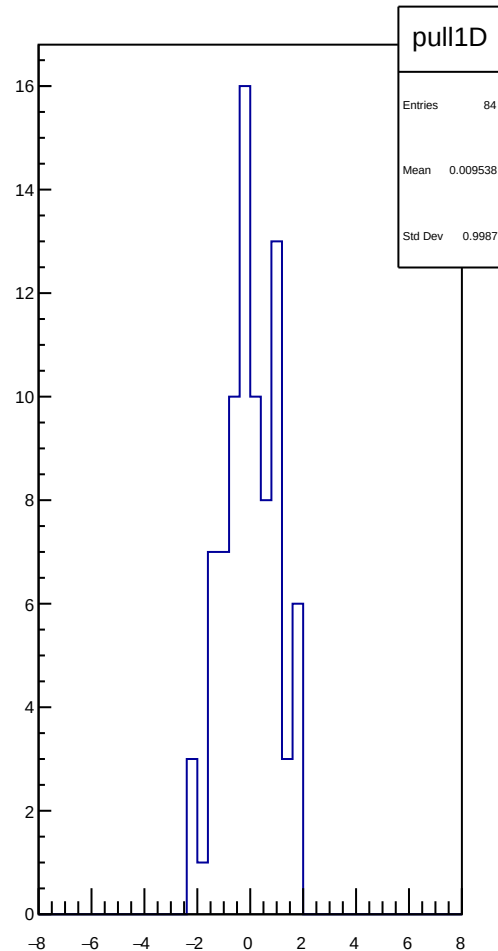
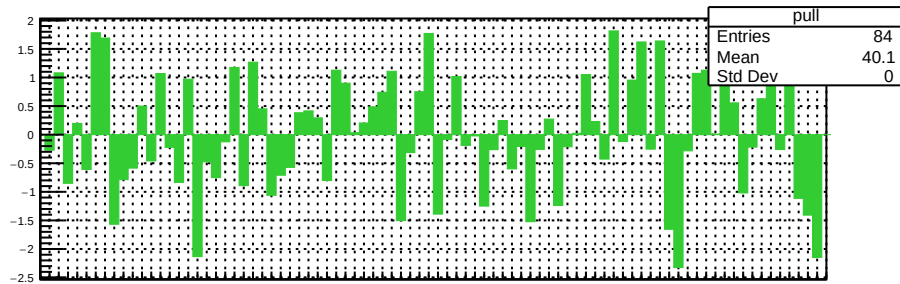
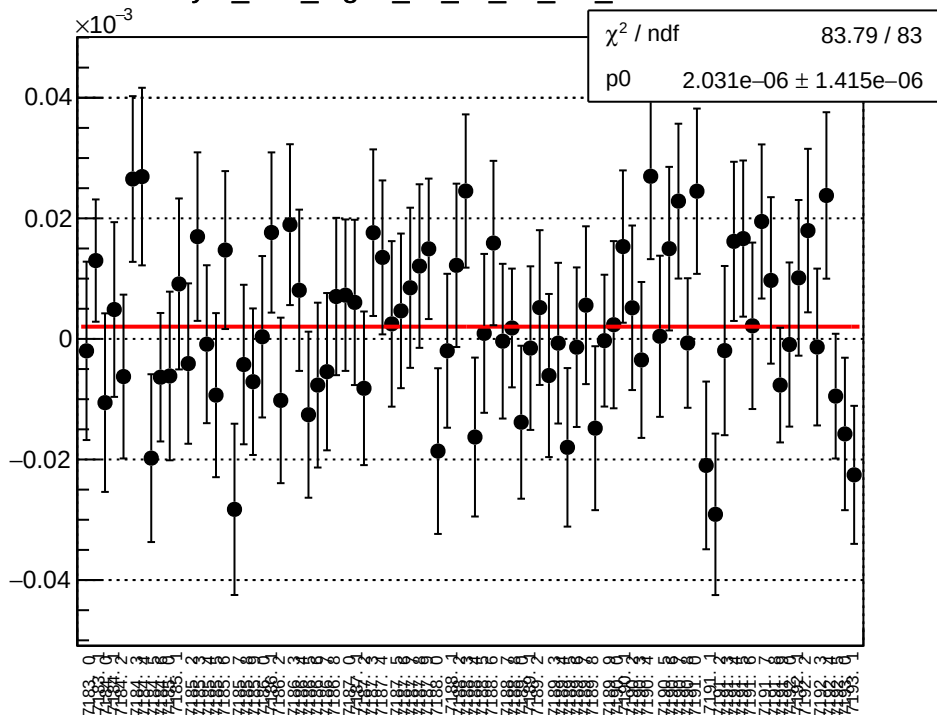
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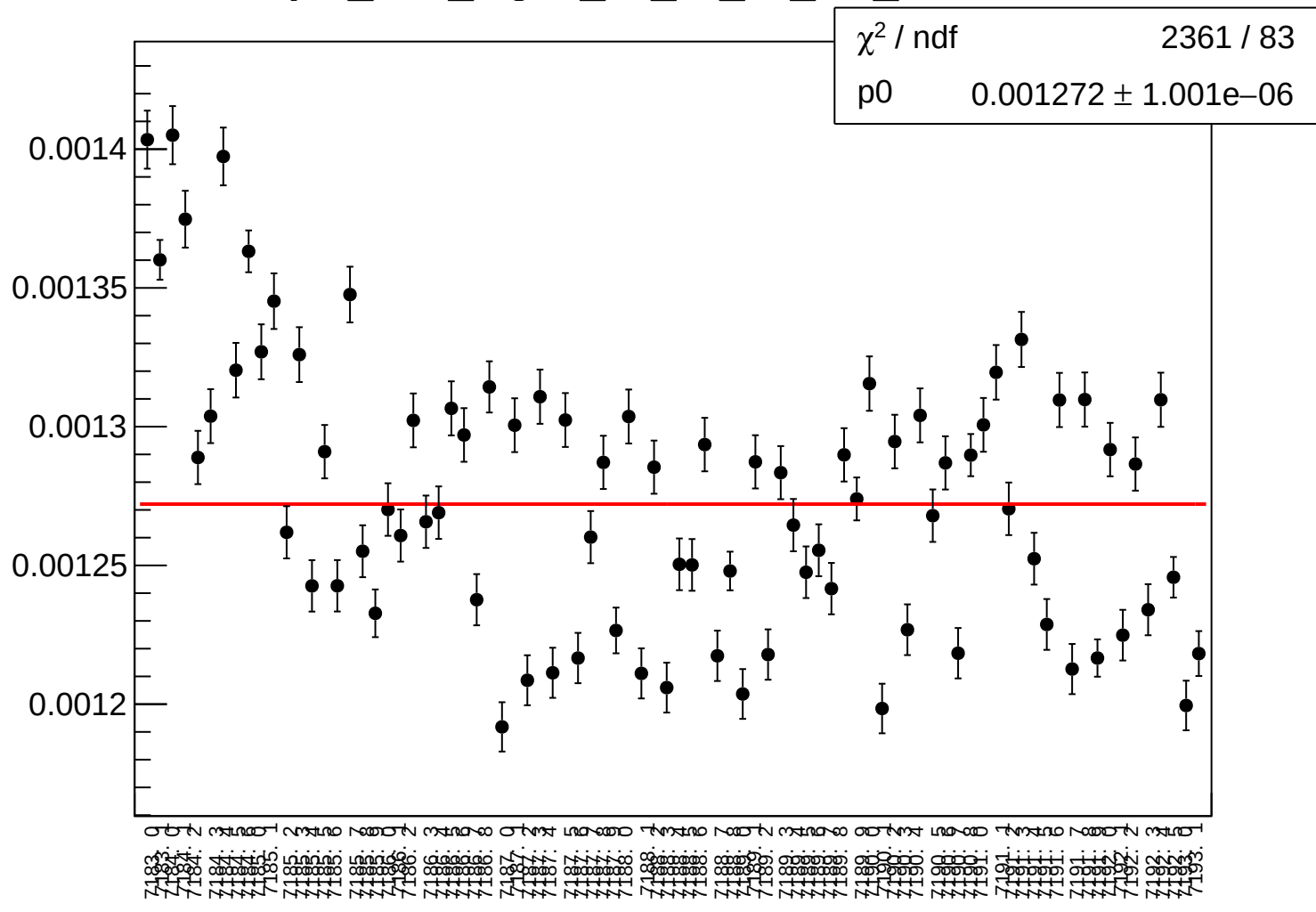
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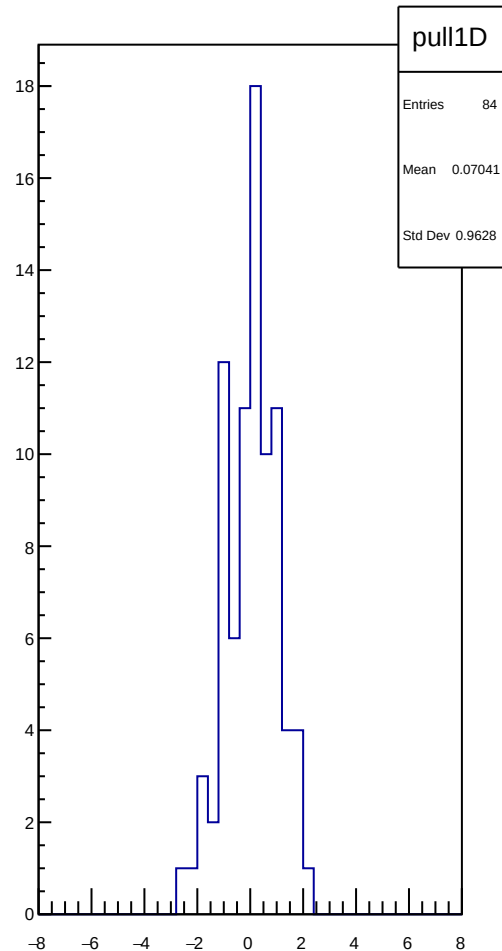
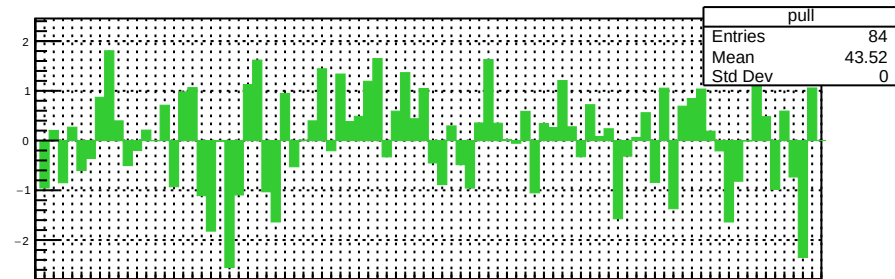
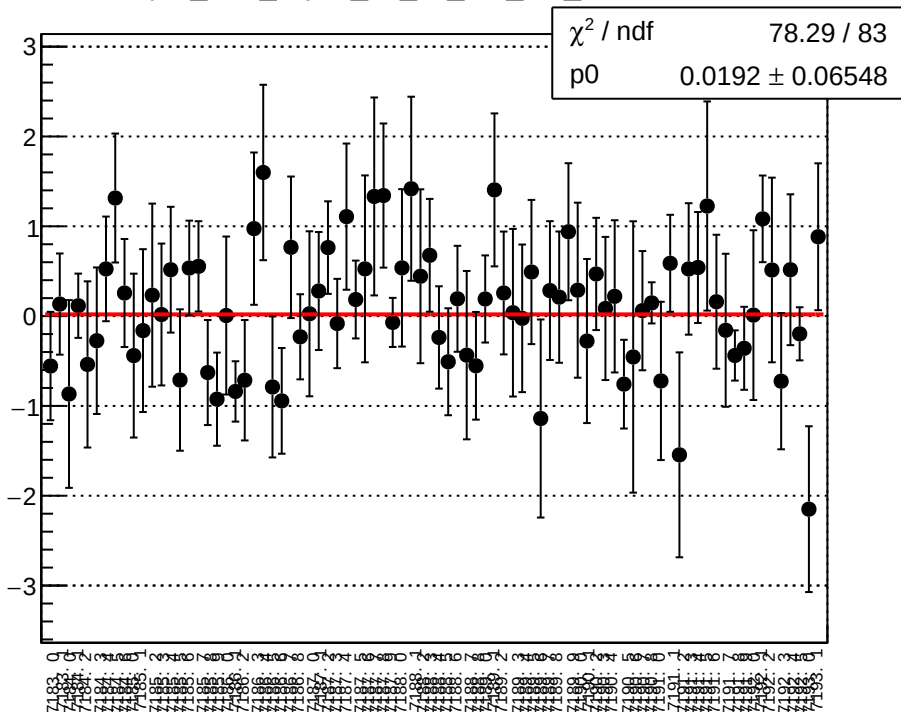
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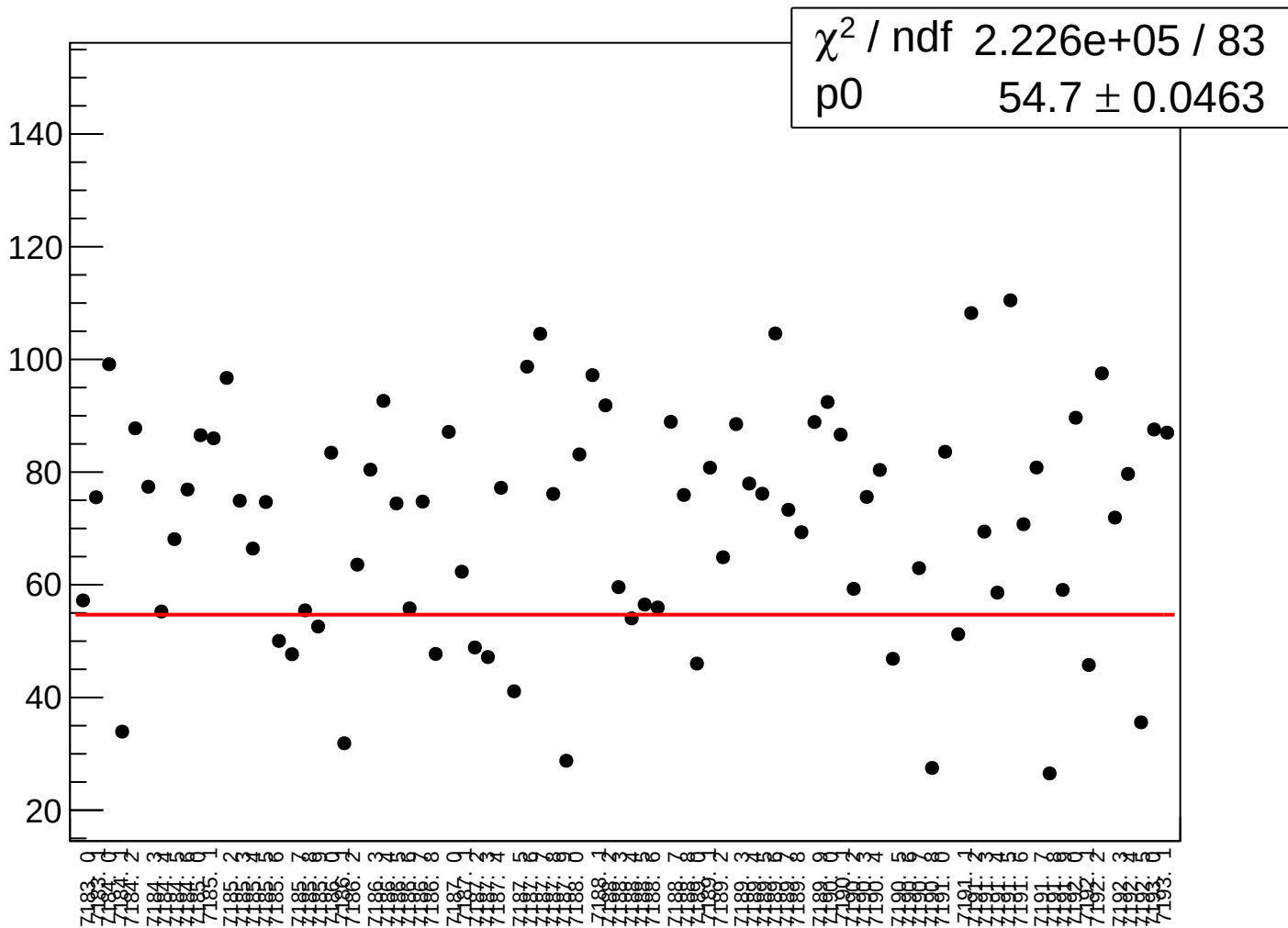
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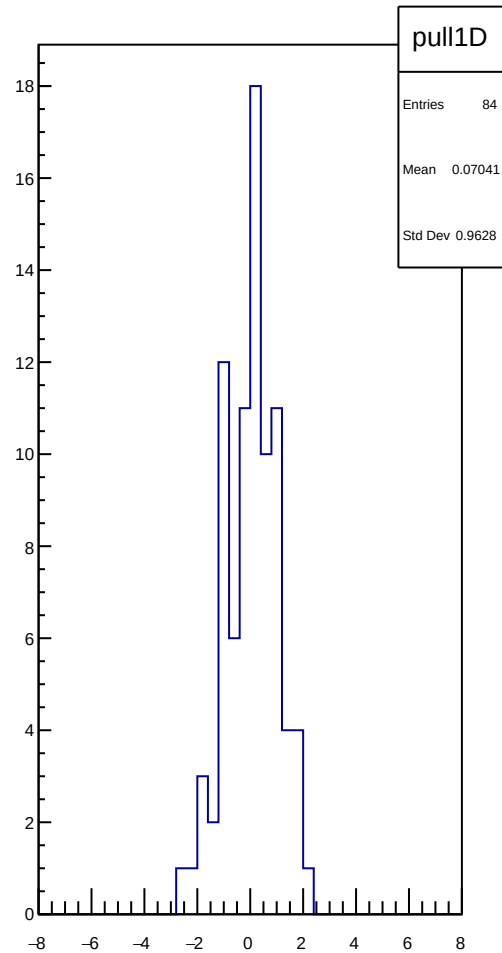
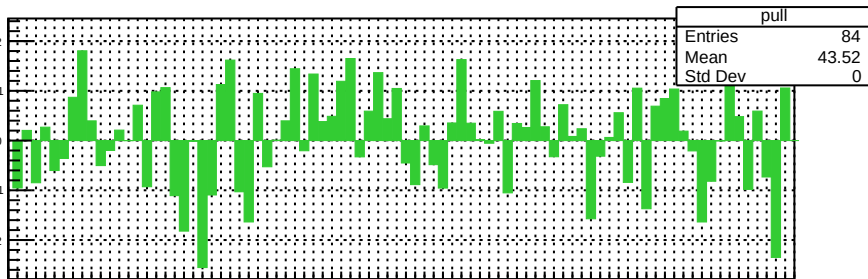
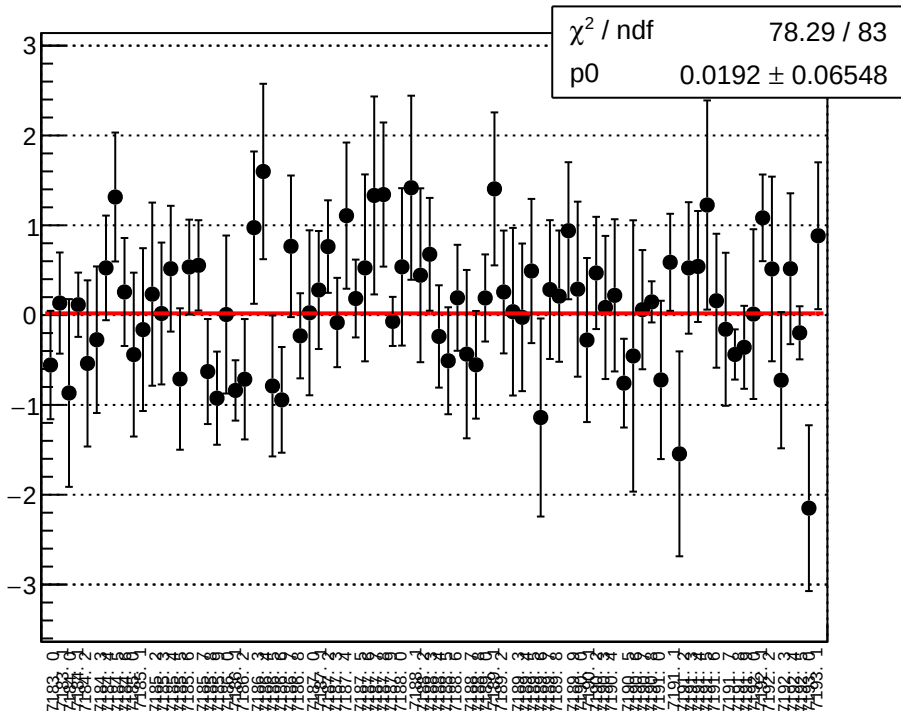
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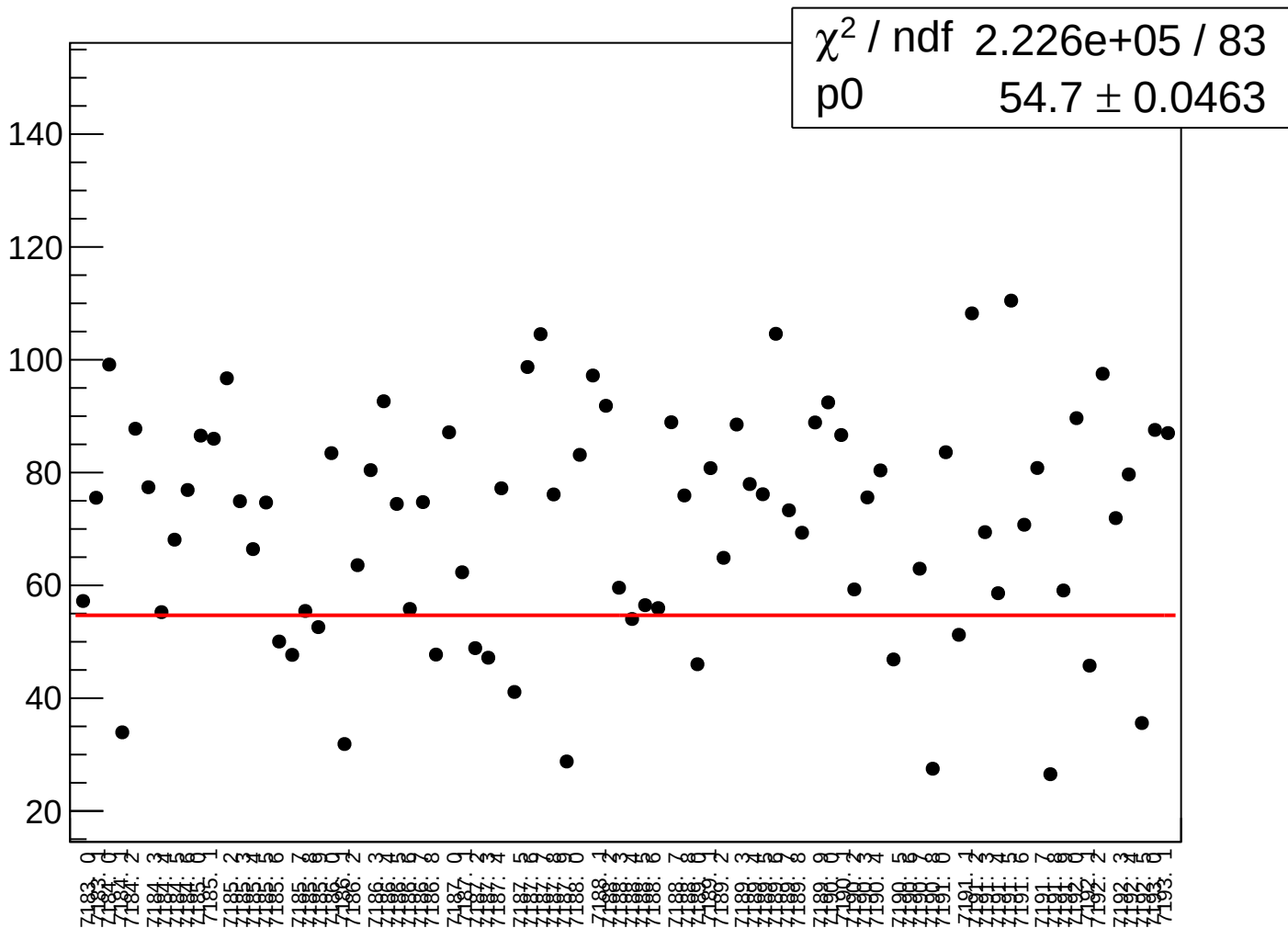
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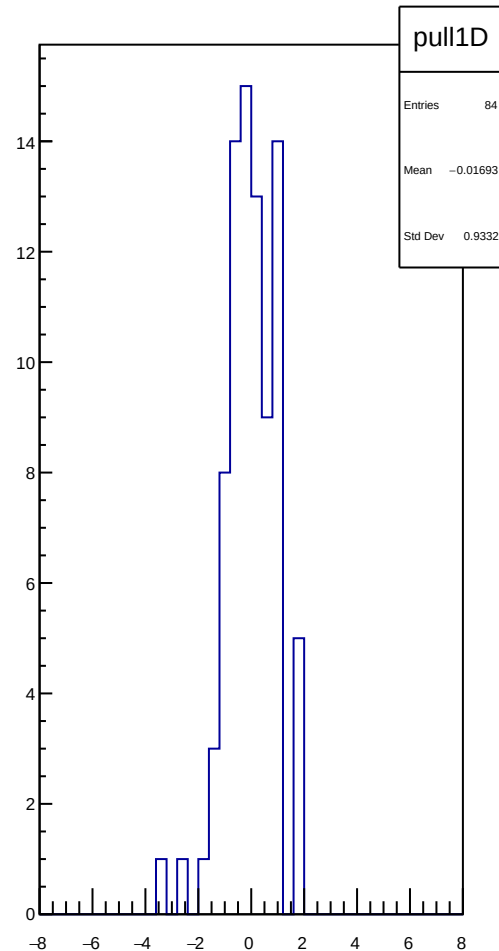
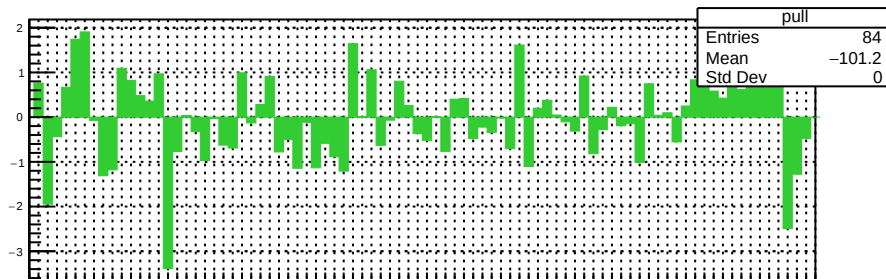
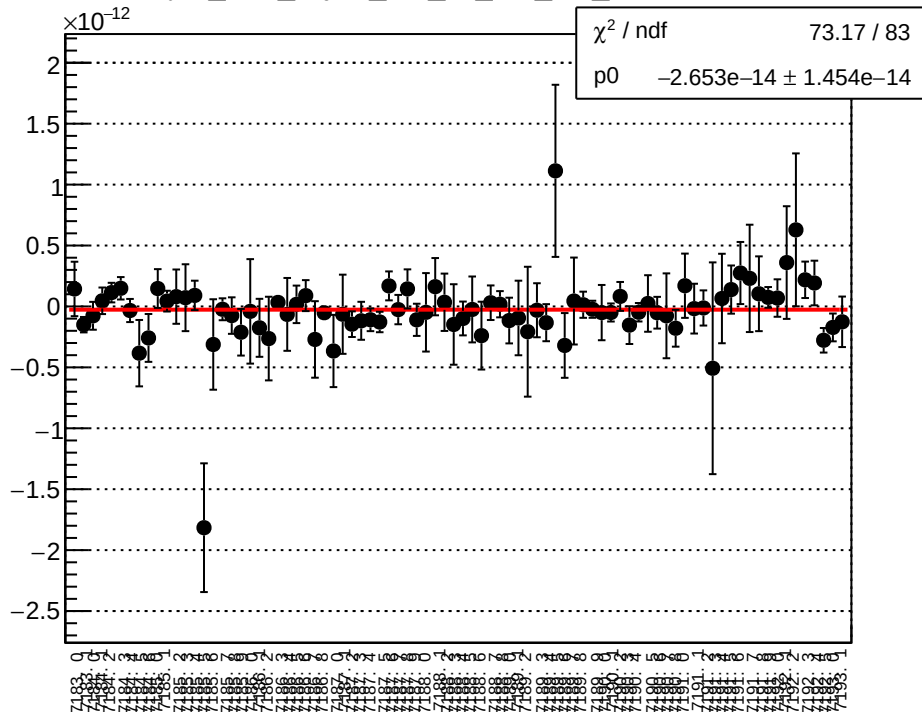
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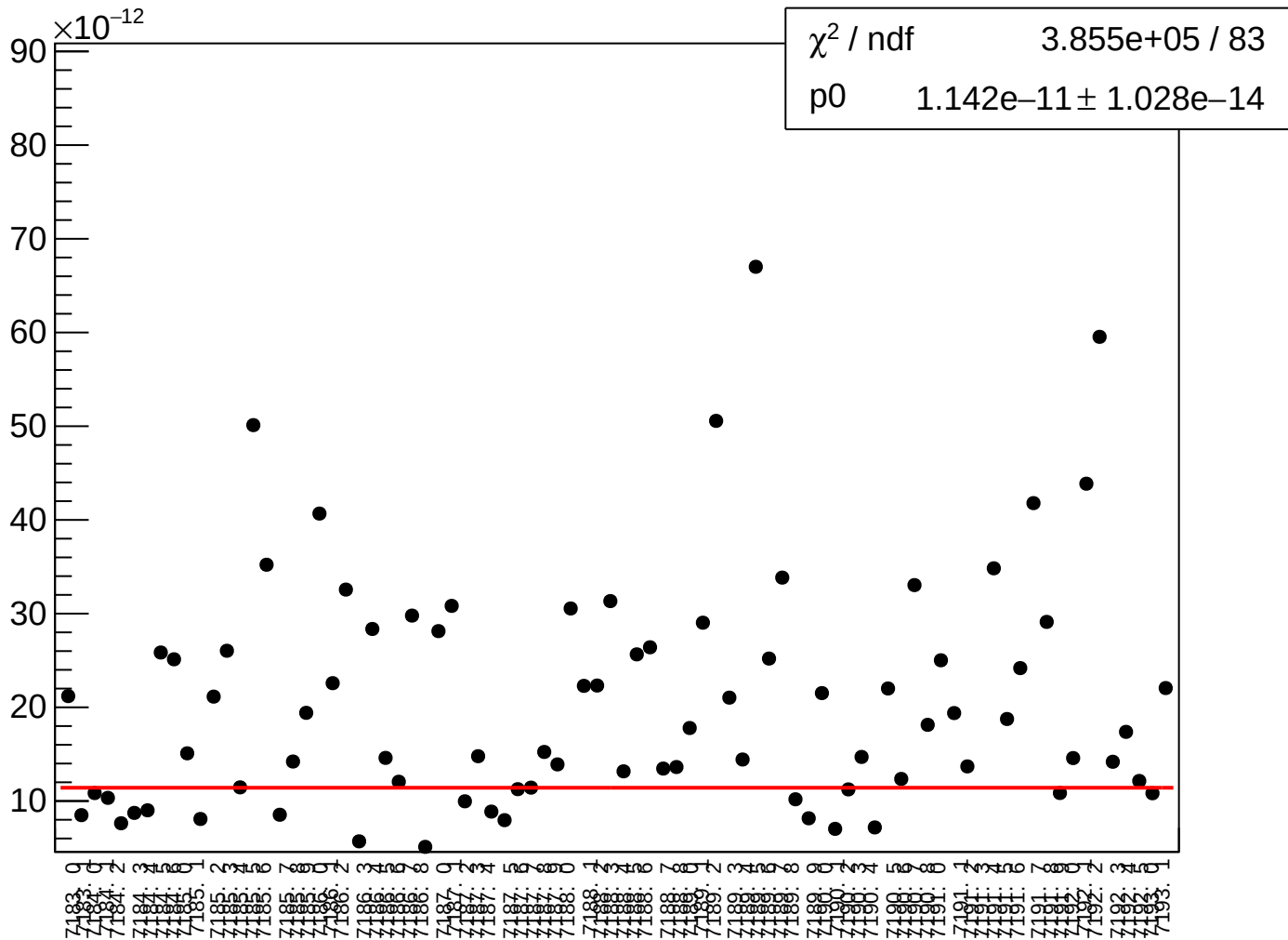
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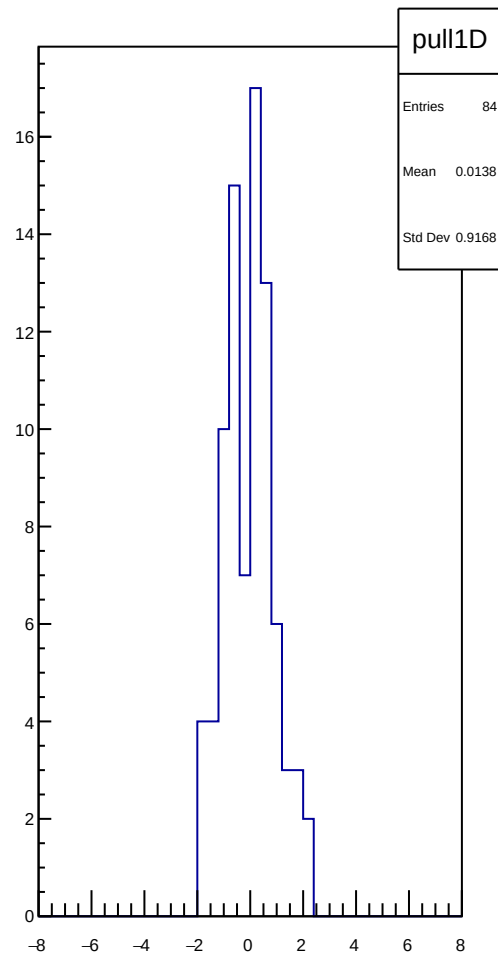
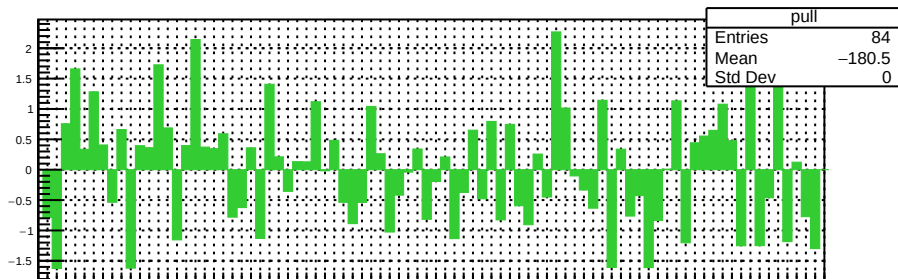
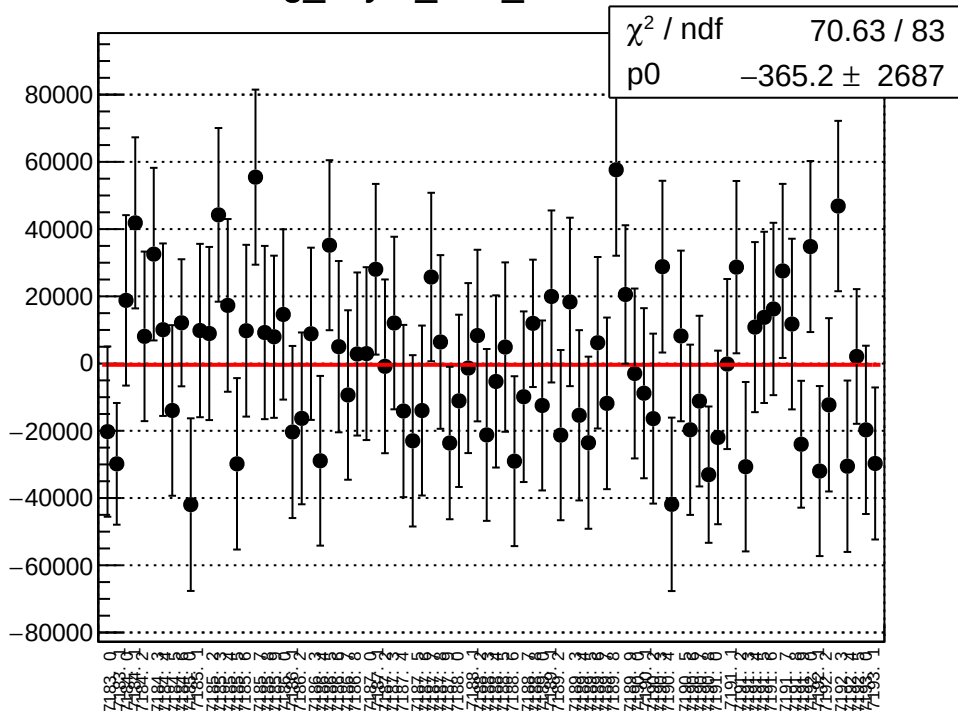
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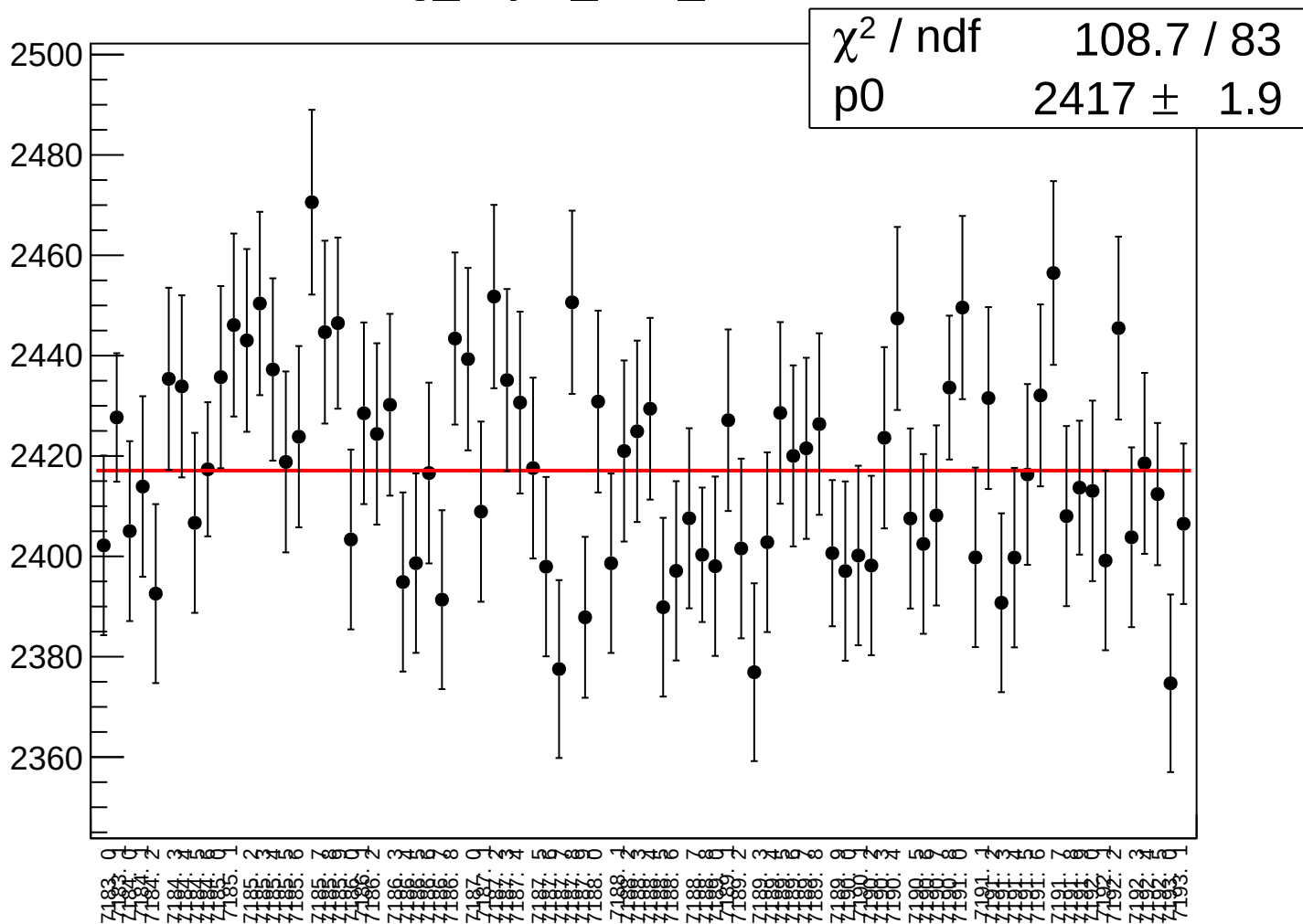
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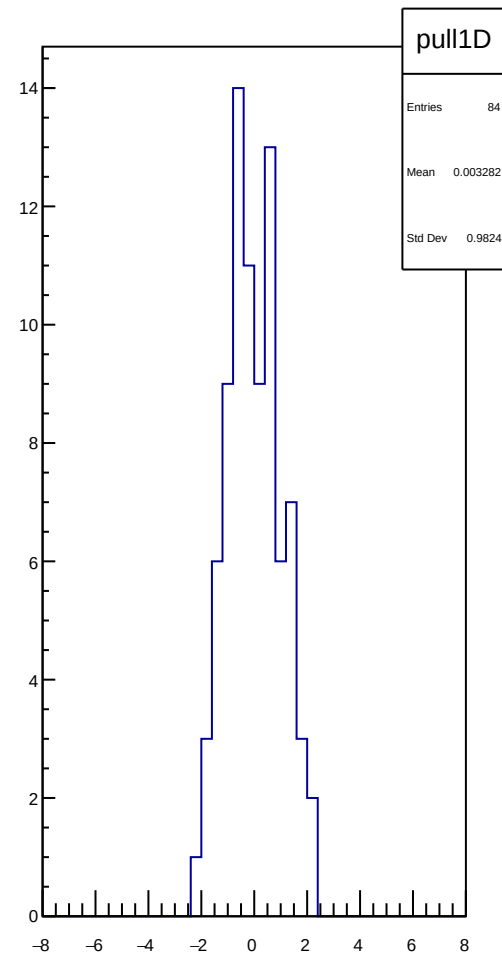
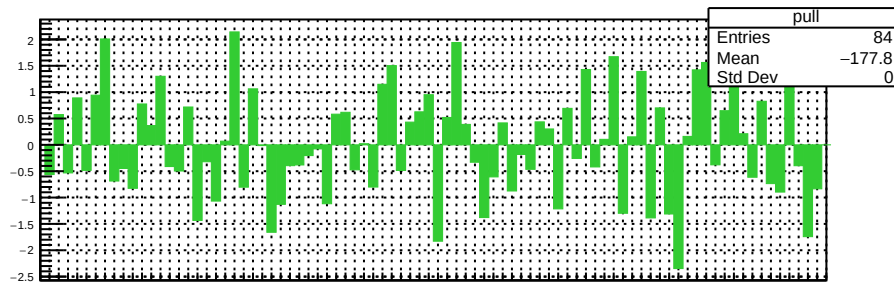
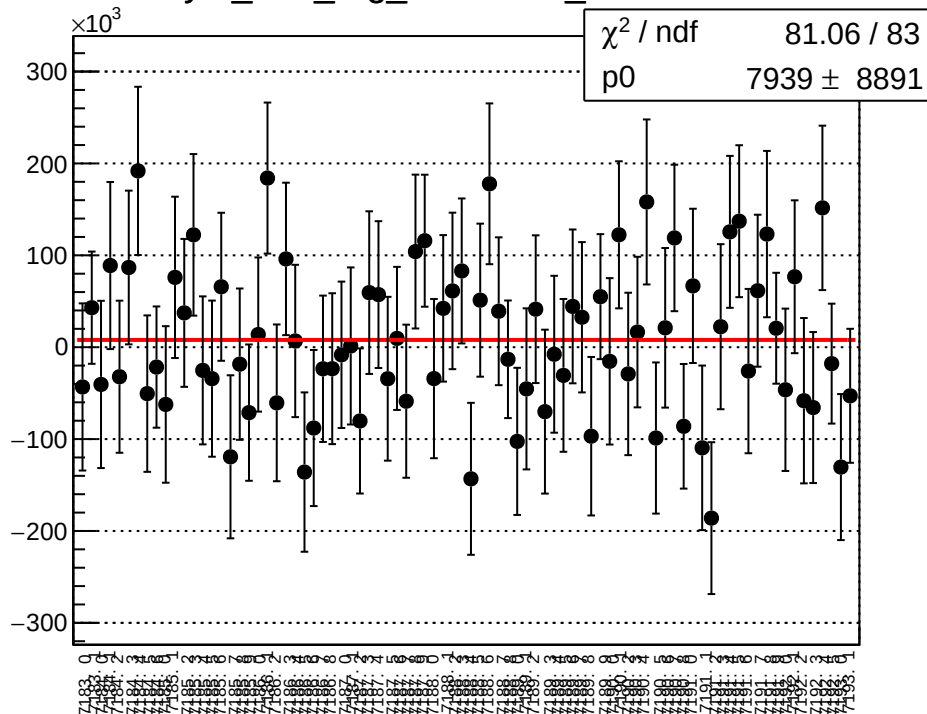
reg_asym_atr2_mean vs run



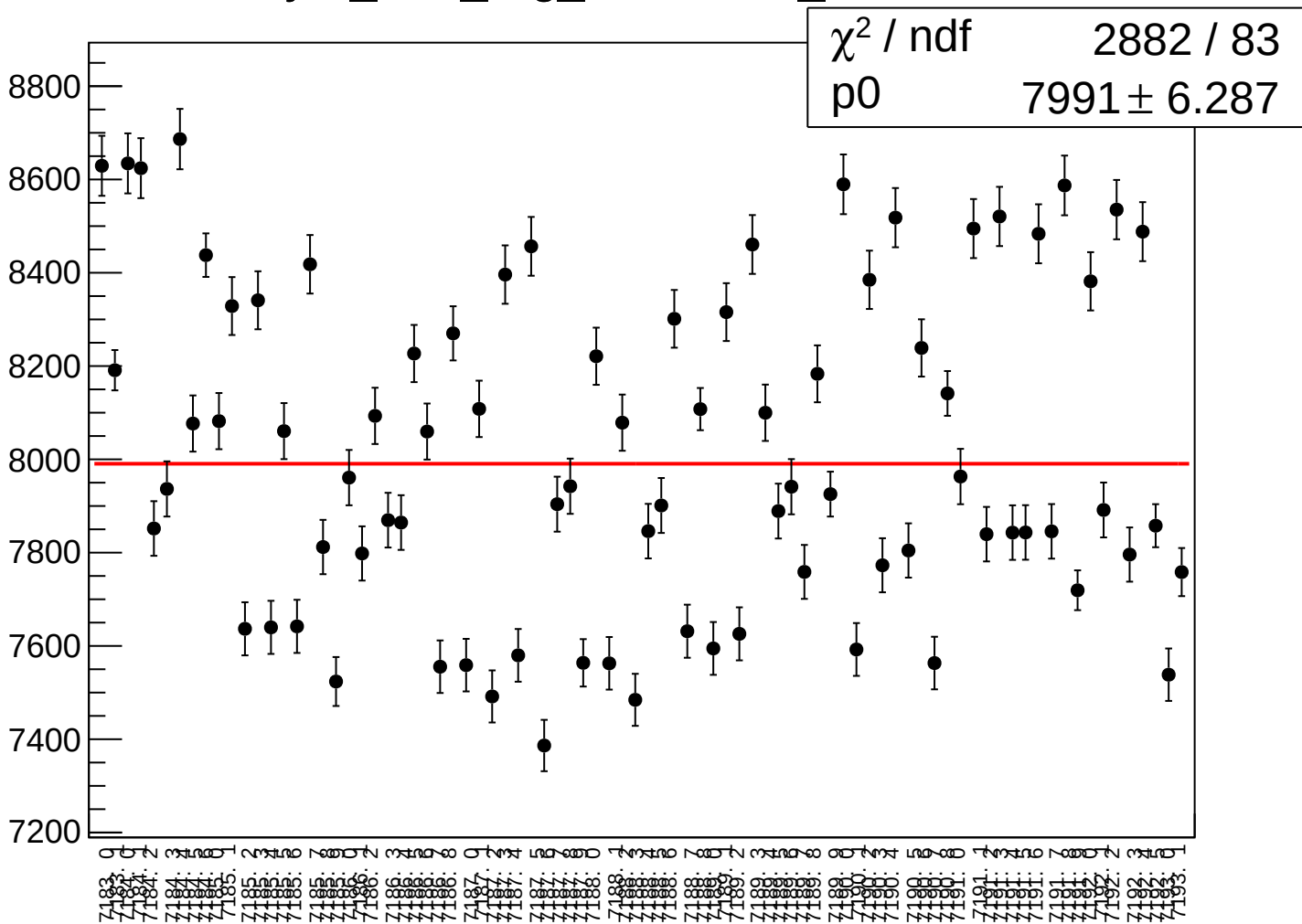
reg_asym_atr2_rms vs run



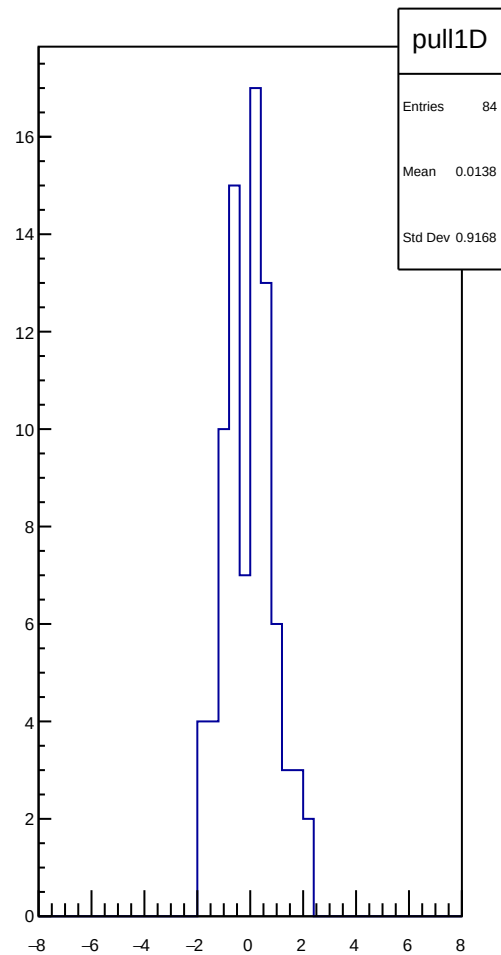
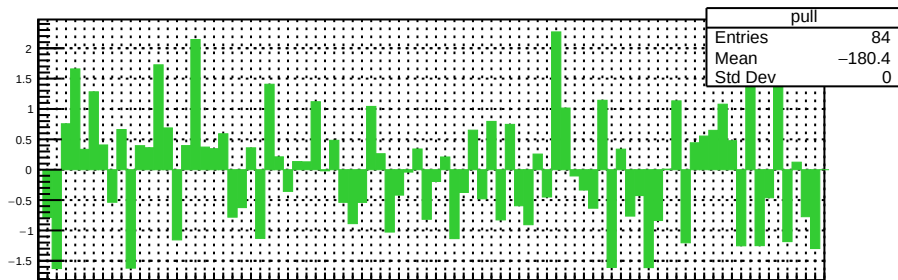
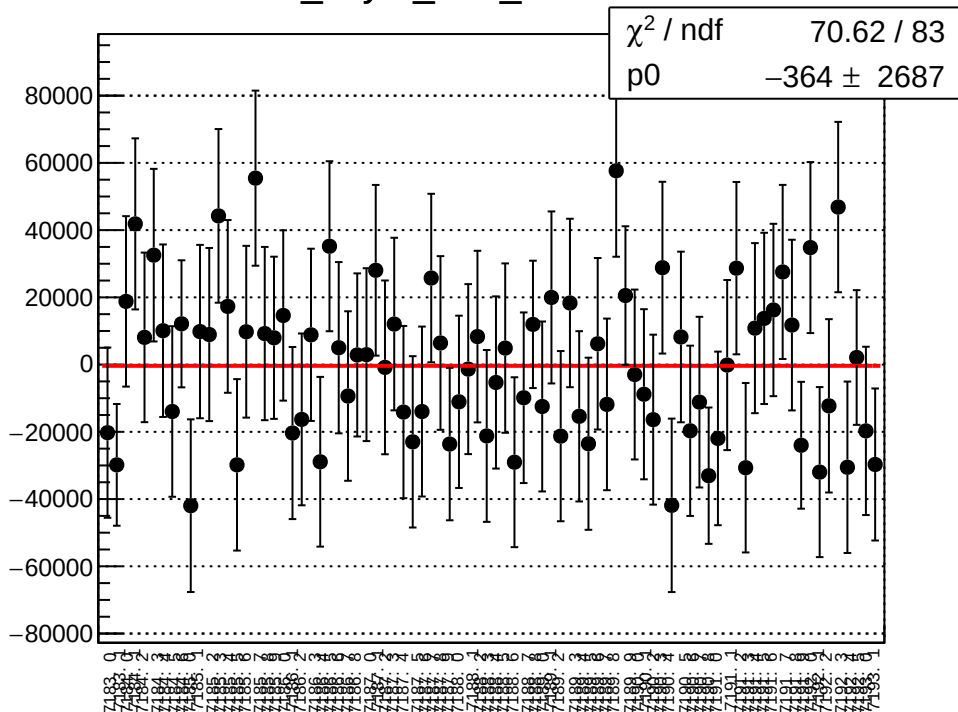
asym_atr2_reg_correction_mean vs run



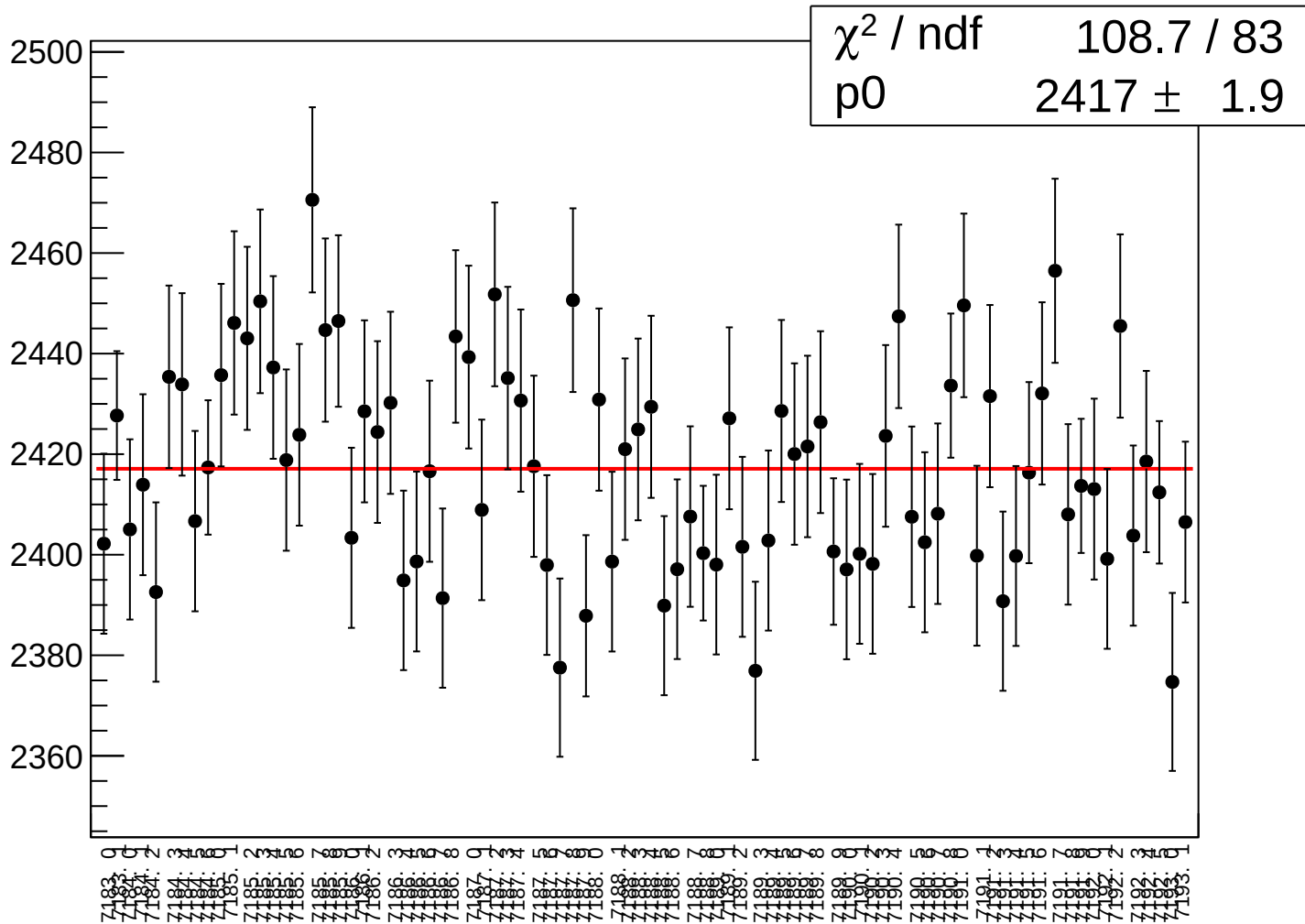
asym_atr2_reg_correction_rms vs run



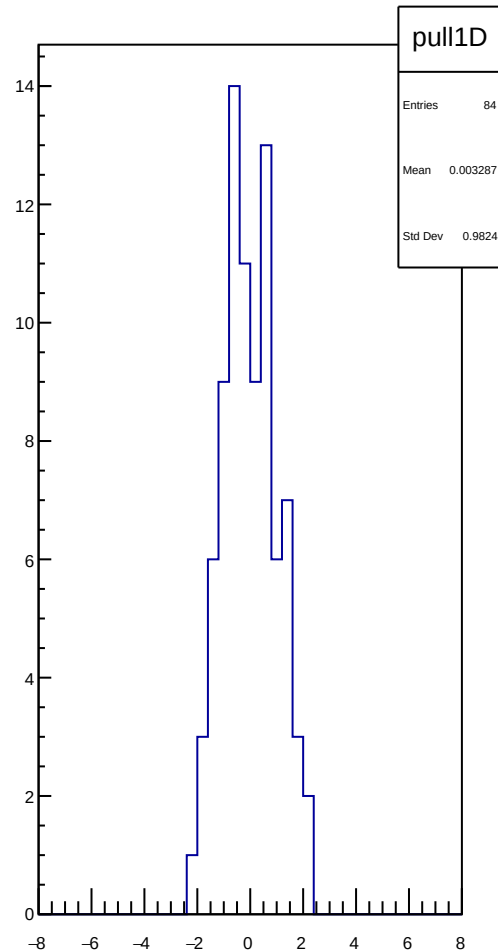
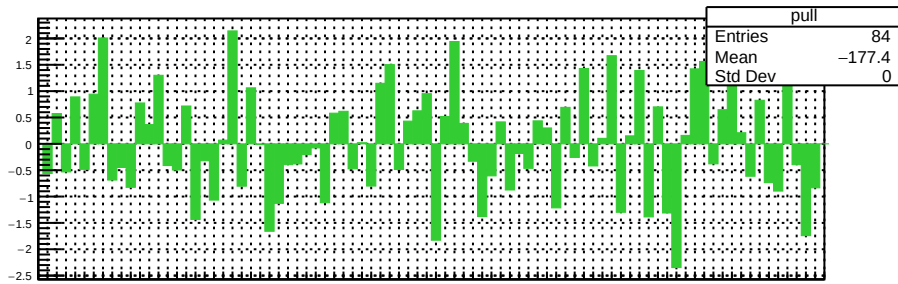
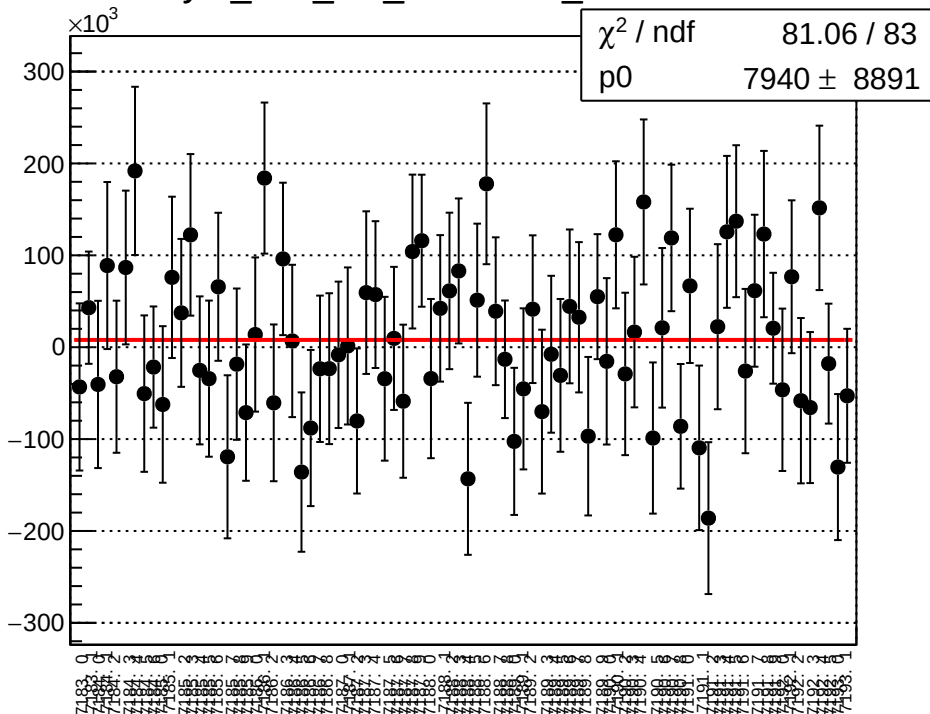
cor_asym_atr2_mean vs run



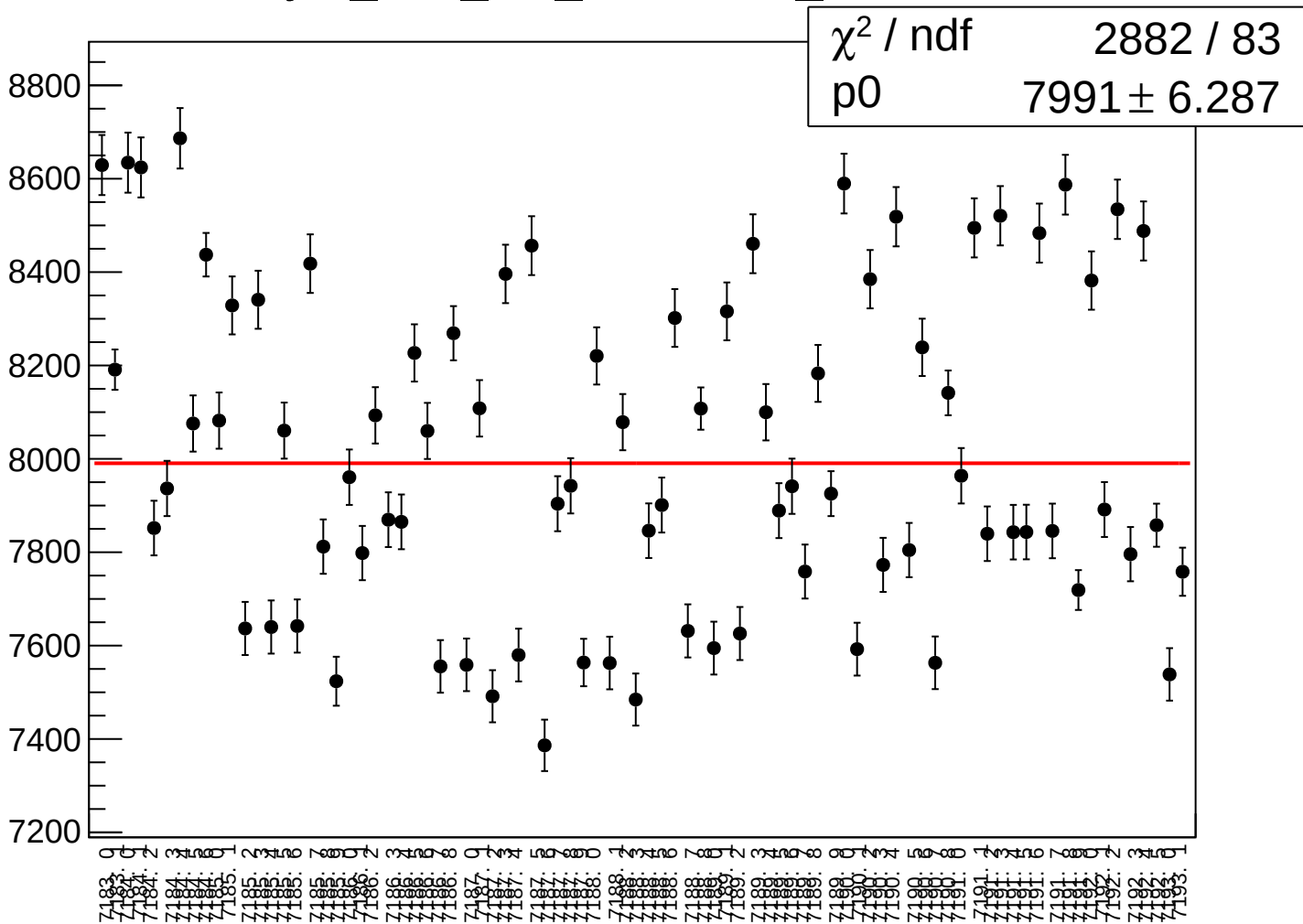
cor_asym_atr2_rms vs run



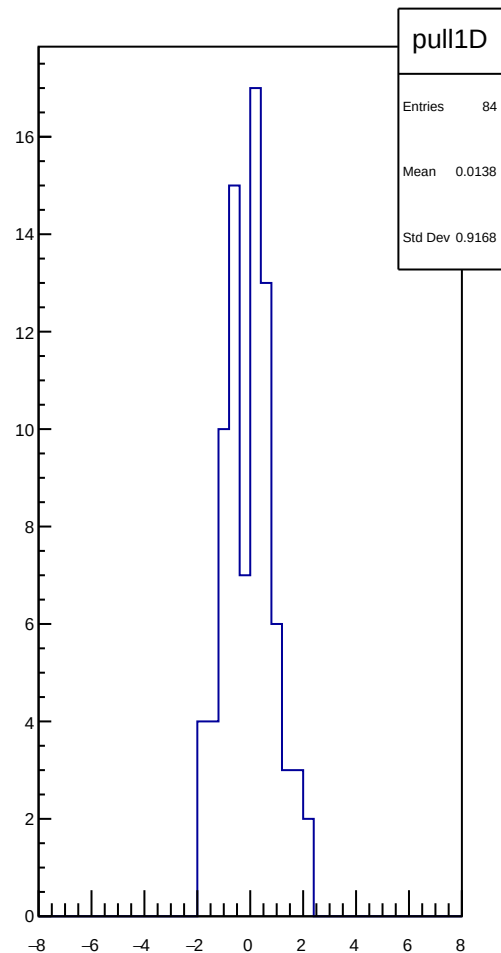
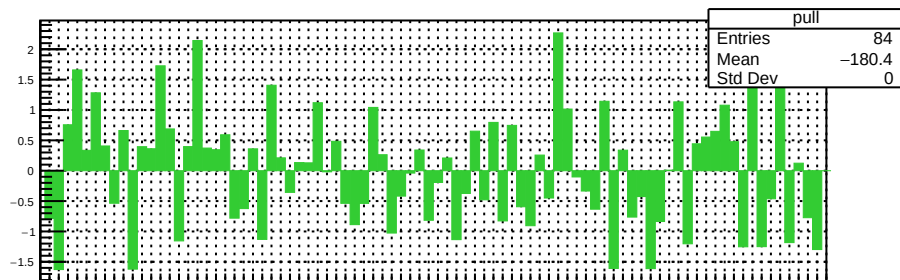
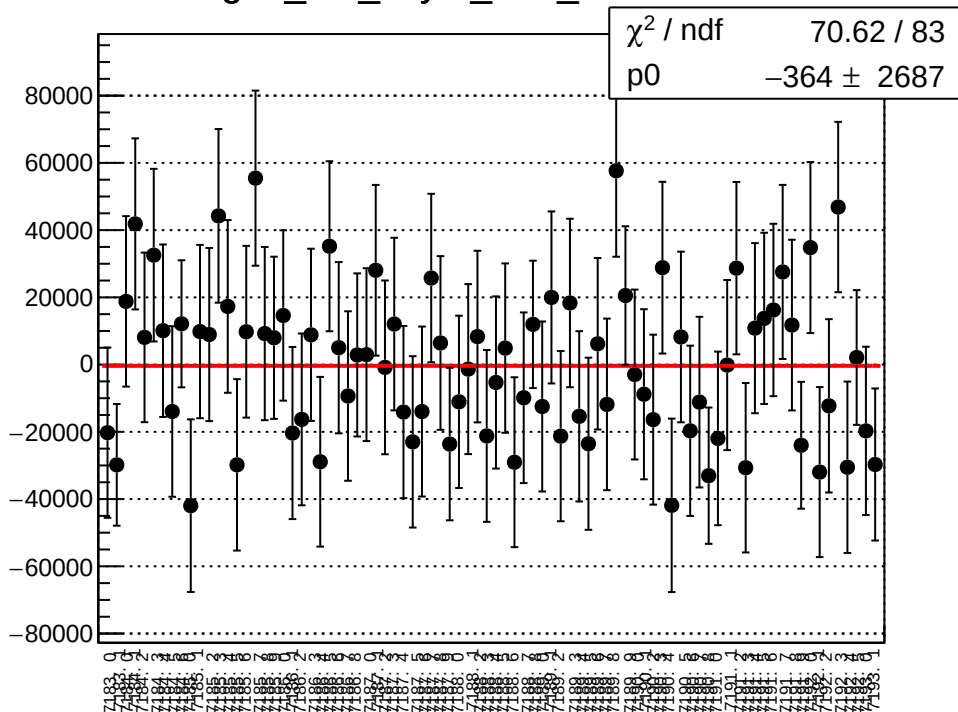
asym_atr2_cor_correction_mean vs run



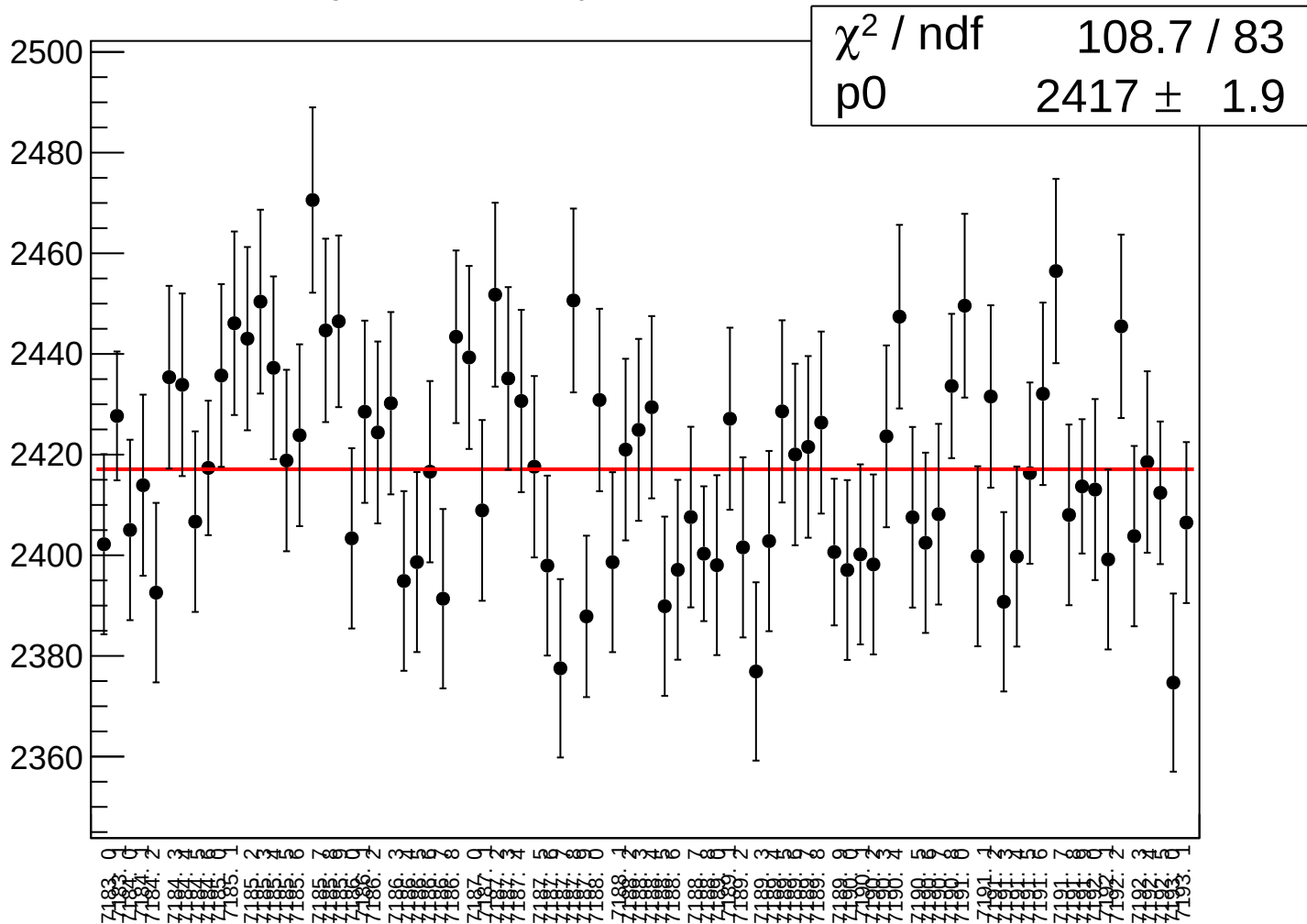
asym_atr2_cor_correction_rms vs run



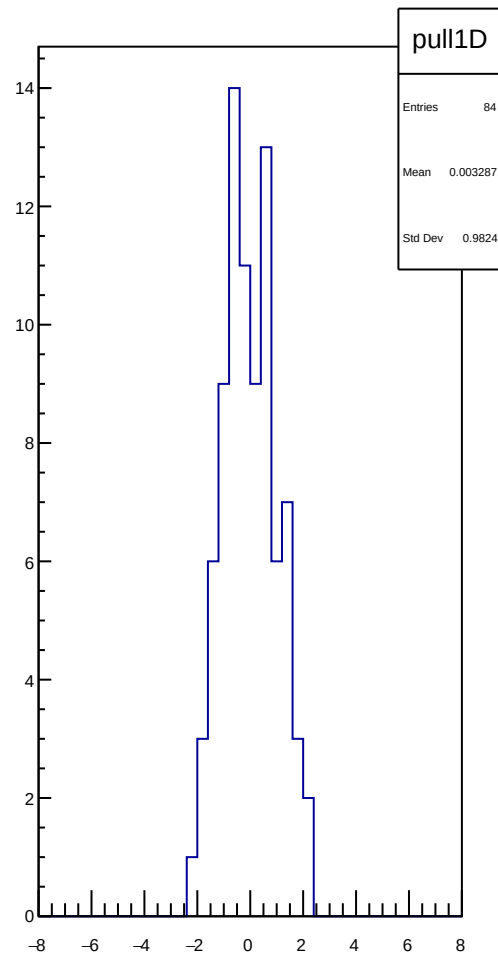
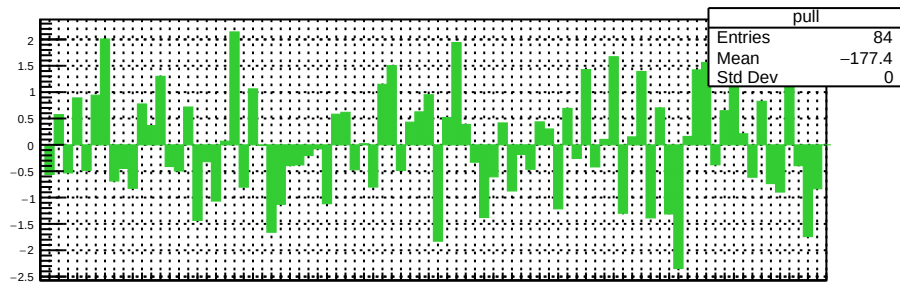
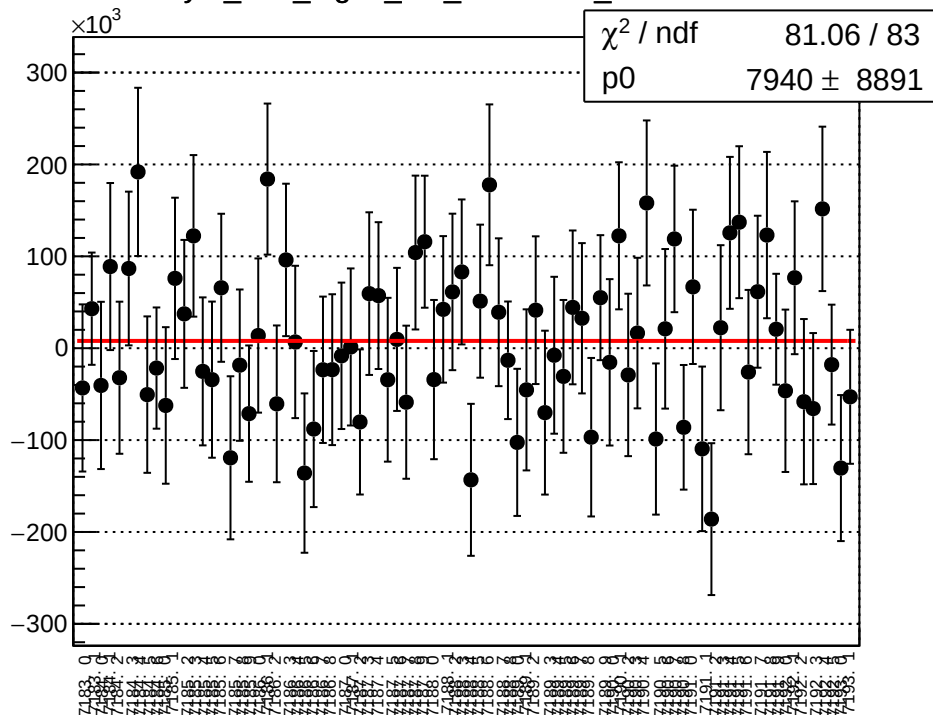
eigen_cor_asym_atr2_mean vs run



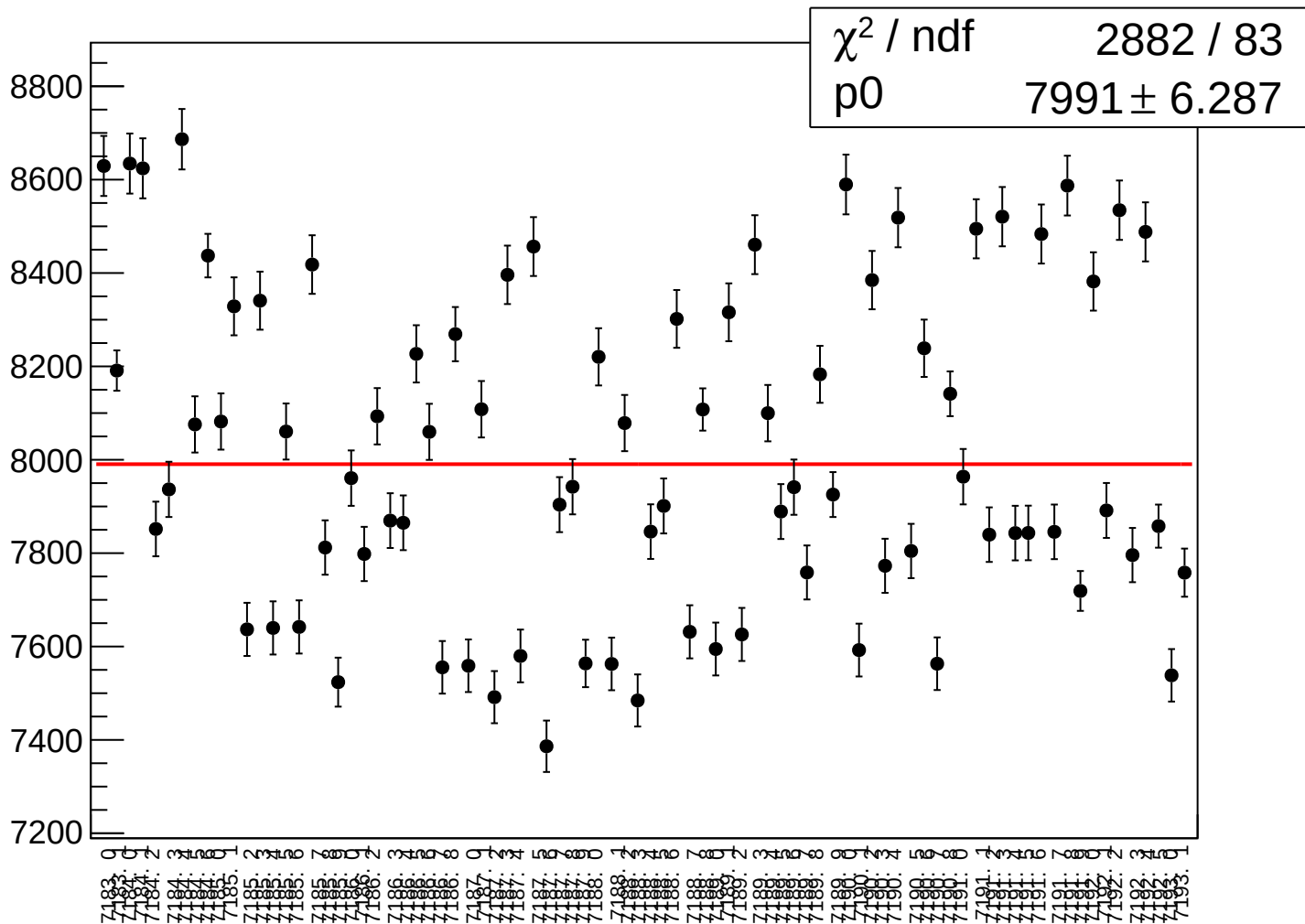
eigen_cor_asym_atr2_rms vs run



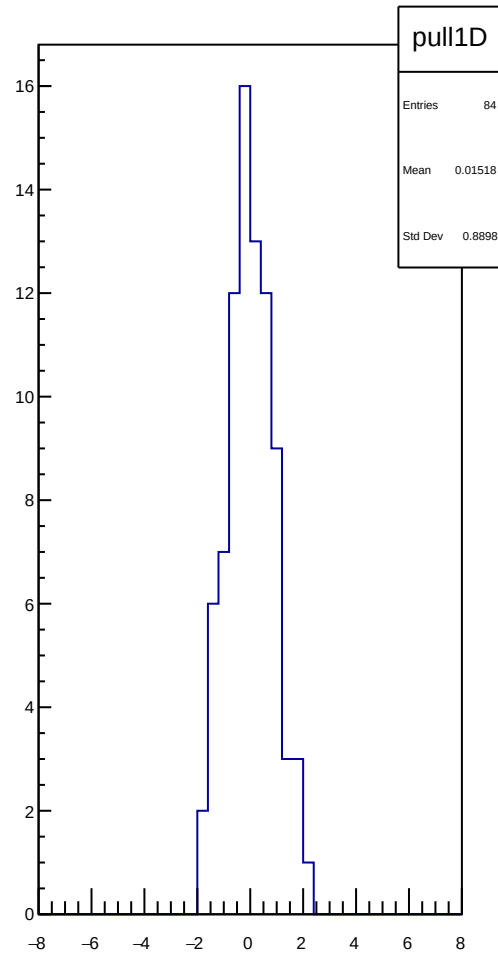
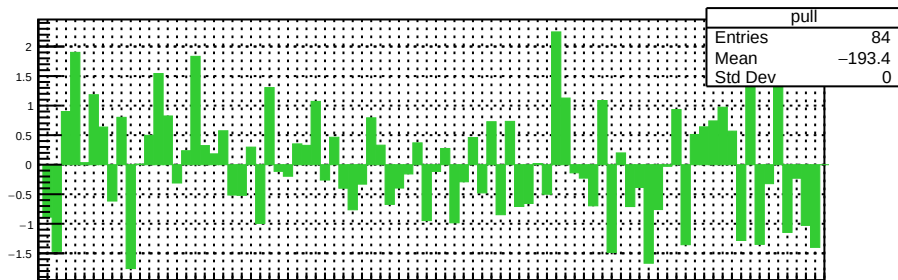
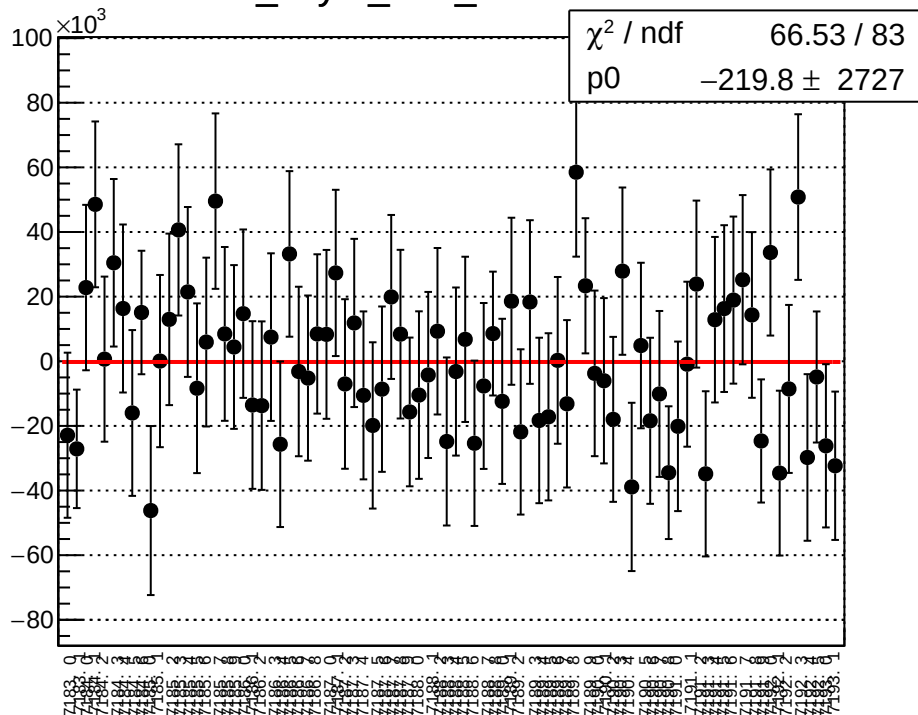
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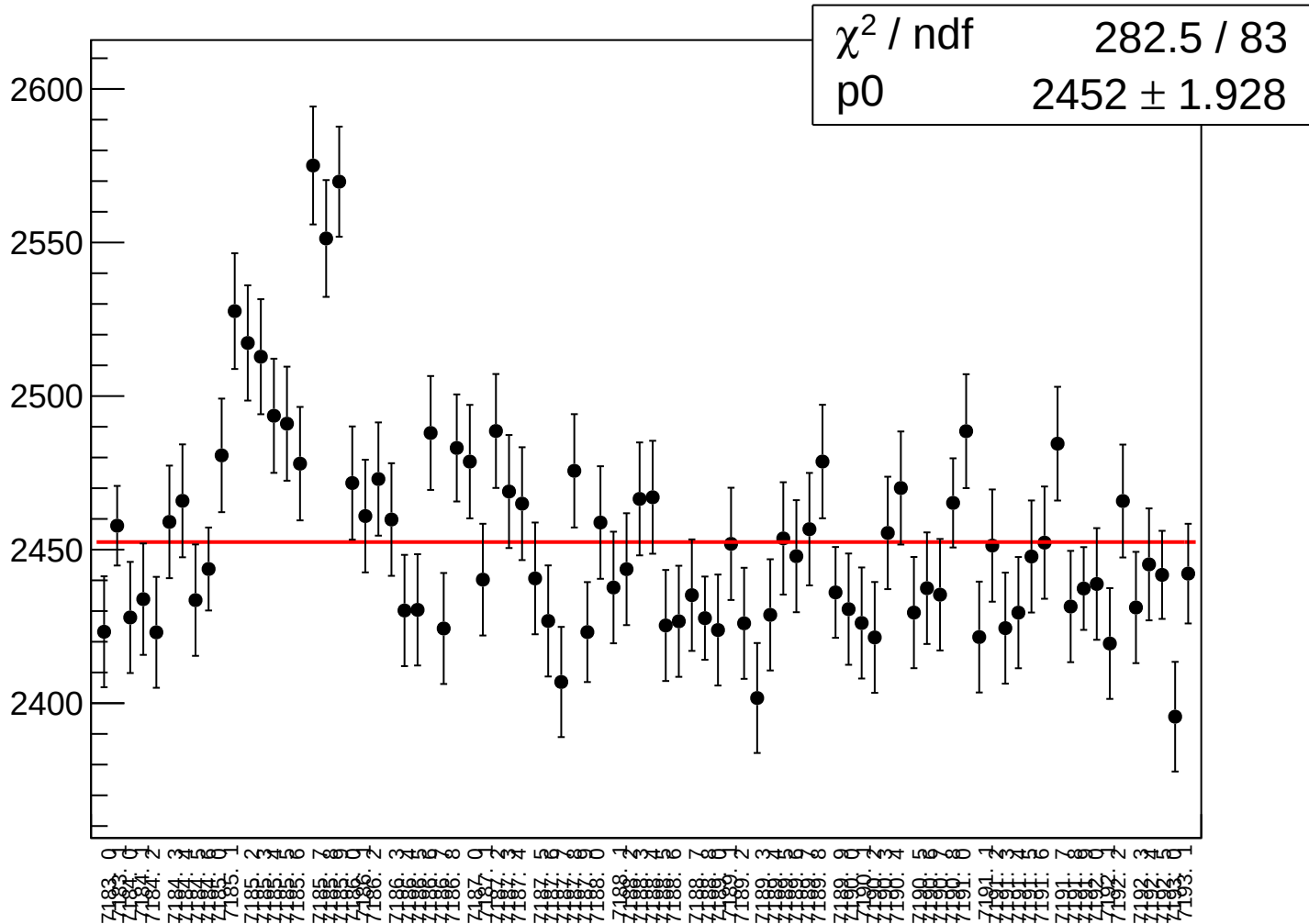
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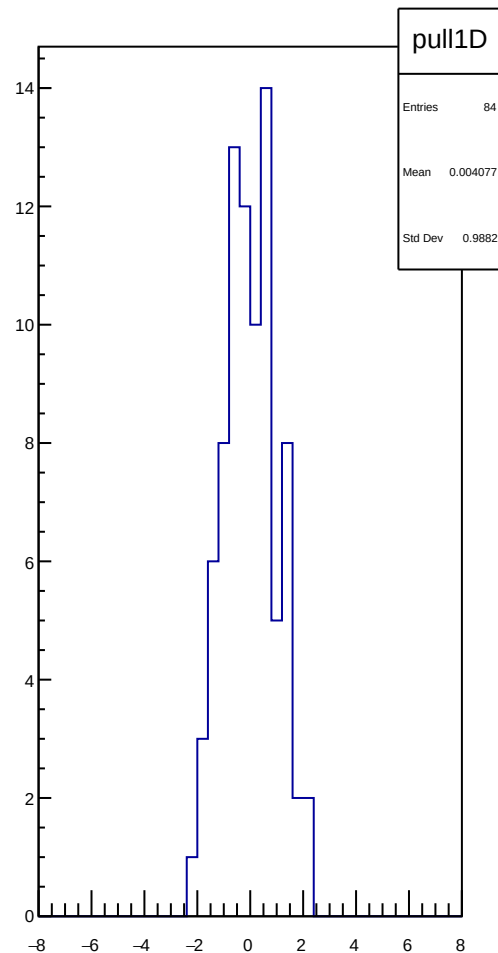
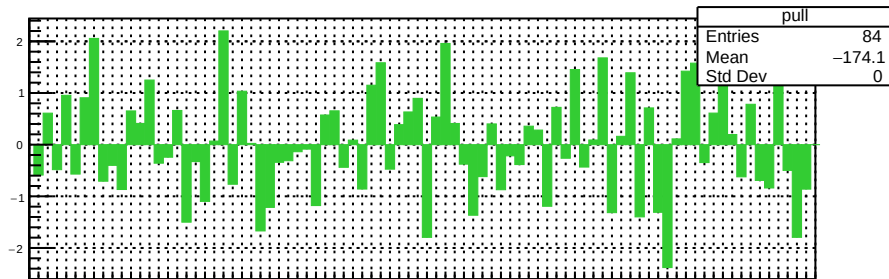
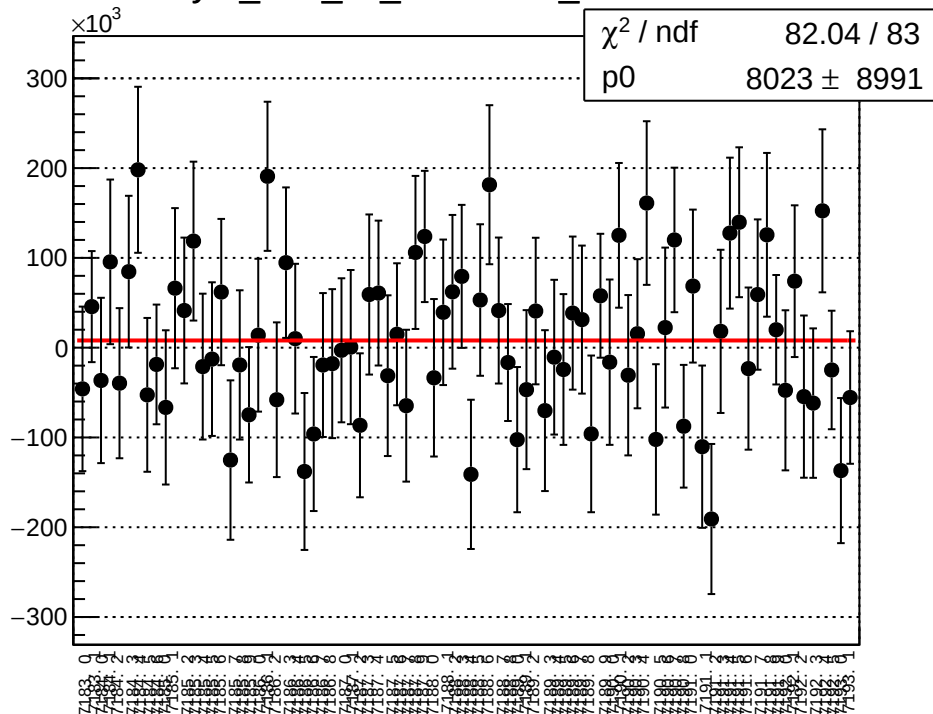
dit_asym_atr2_mean vs run



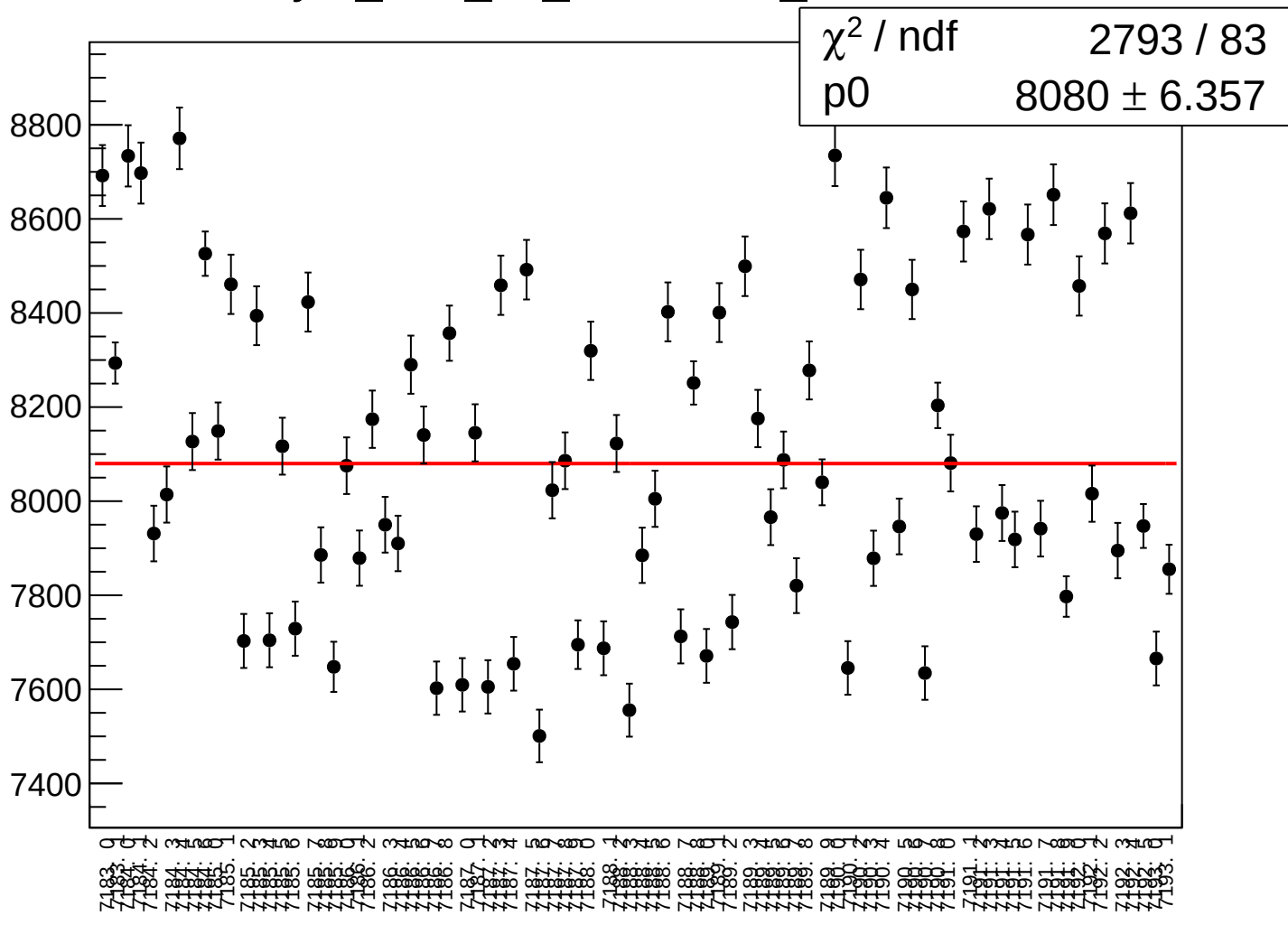
dit_asym_atr2_rms vs run



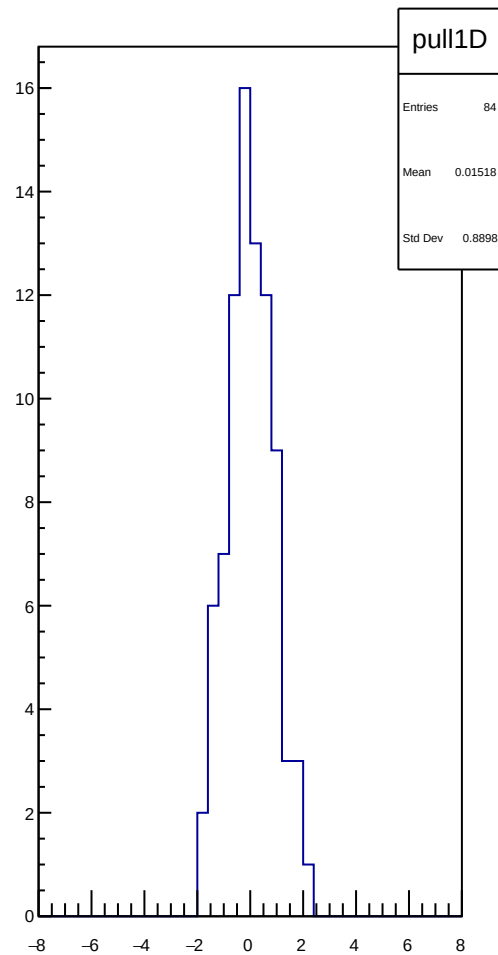
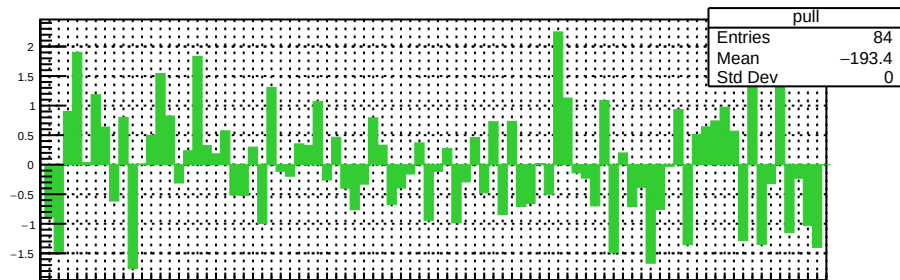
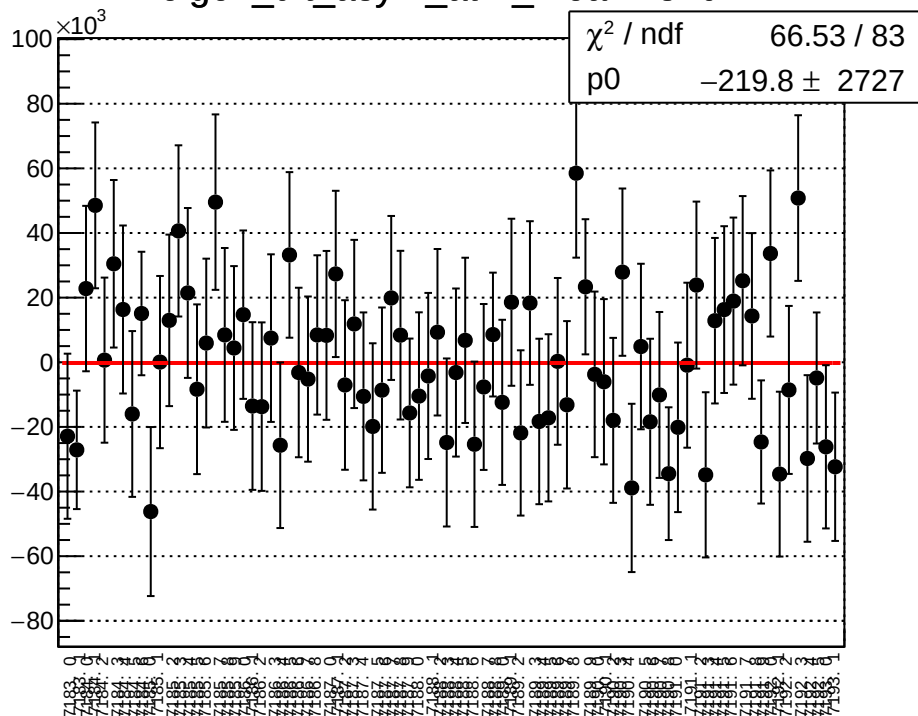
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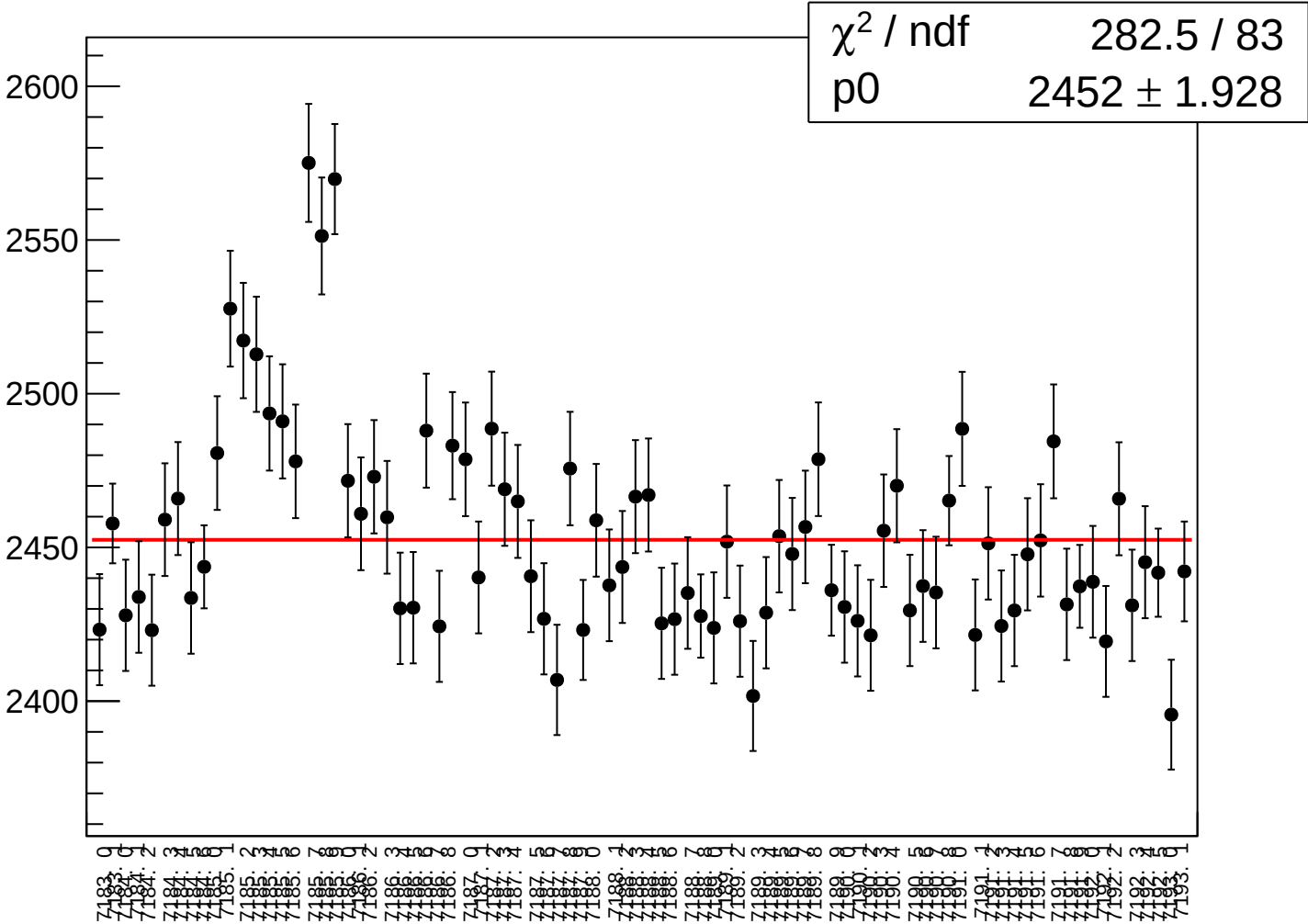
asym_atr2_dit_correction_rms vs run



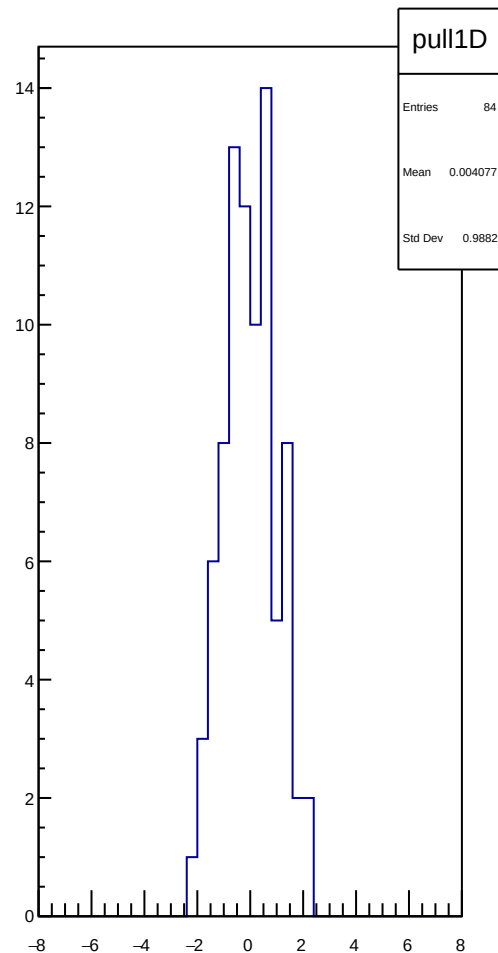
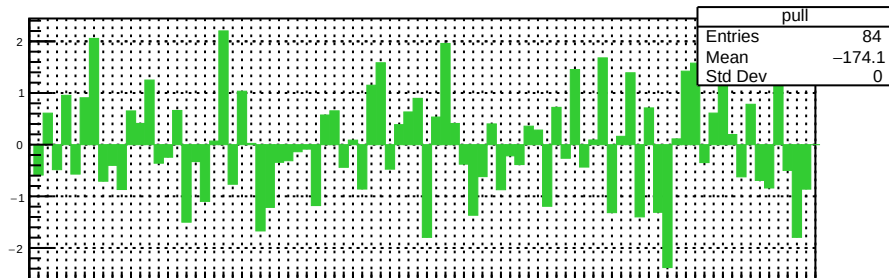
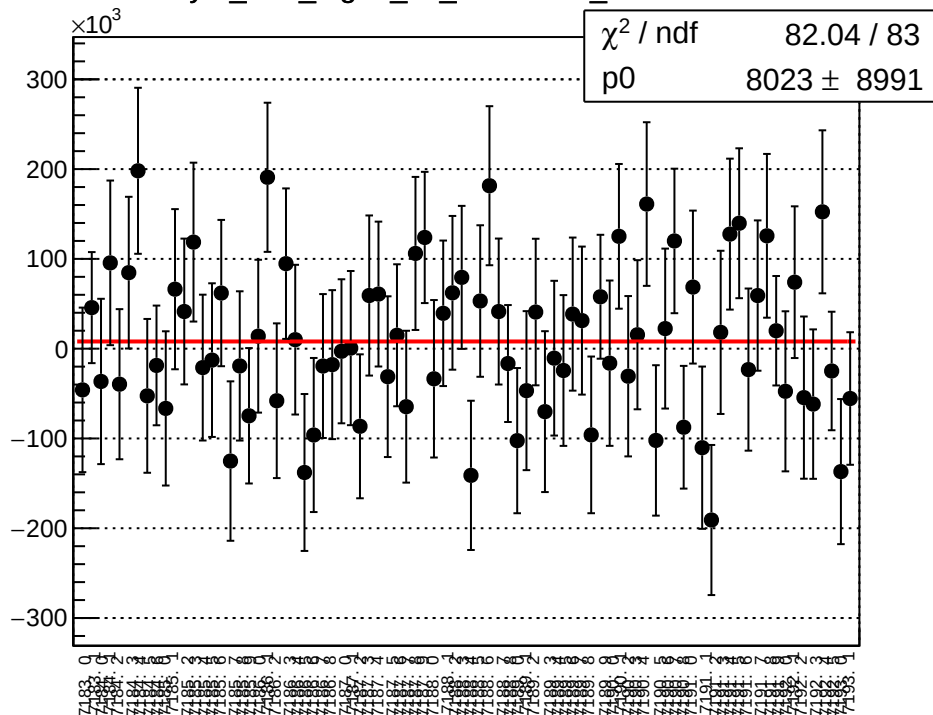
eigen_dit_asym_atr2_mean vs run



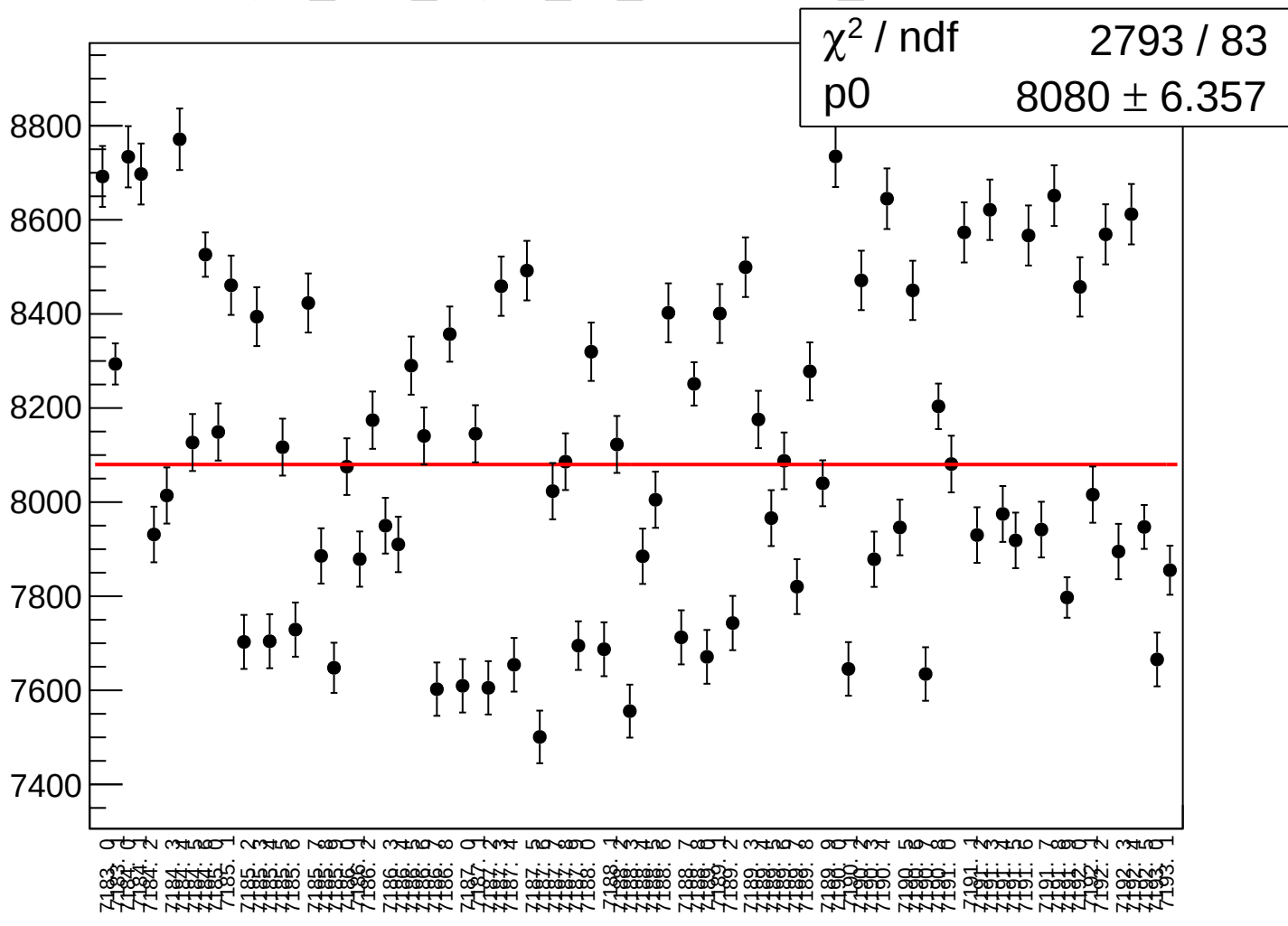
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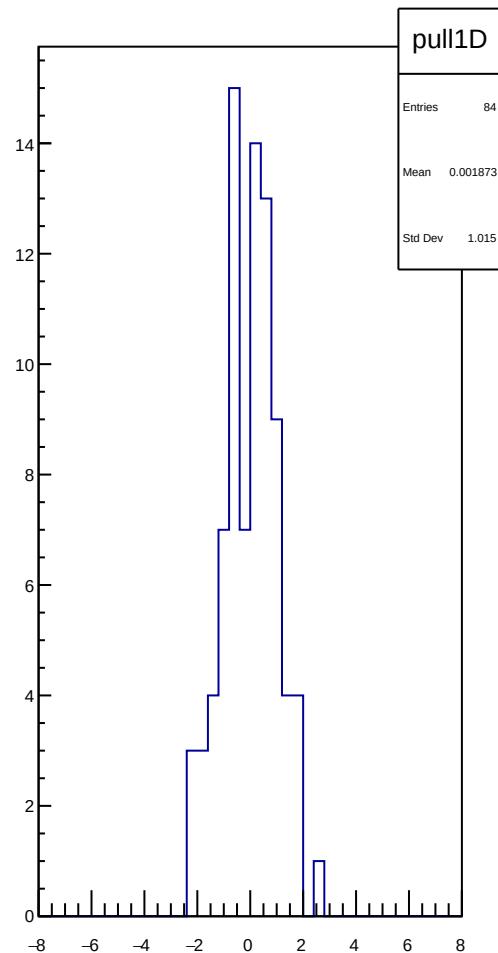
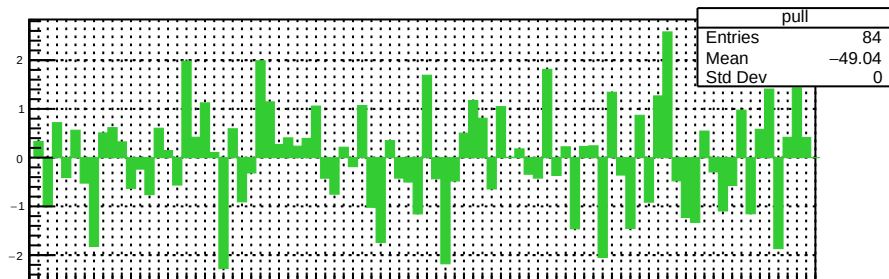
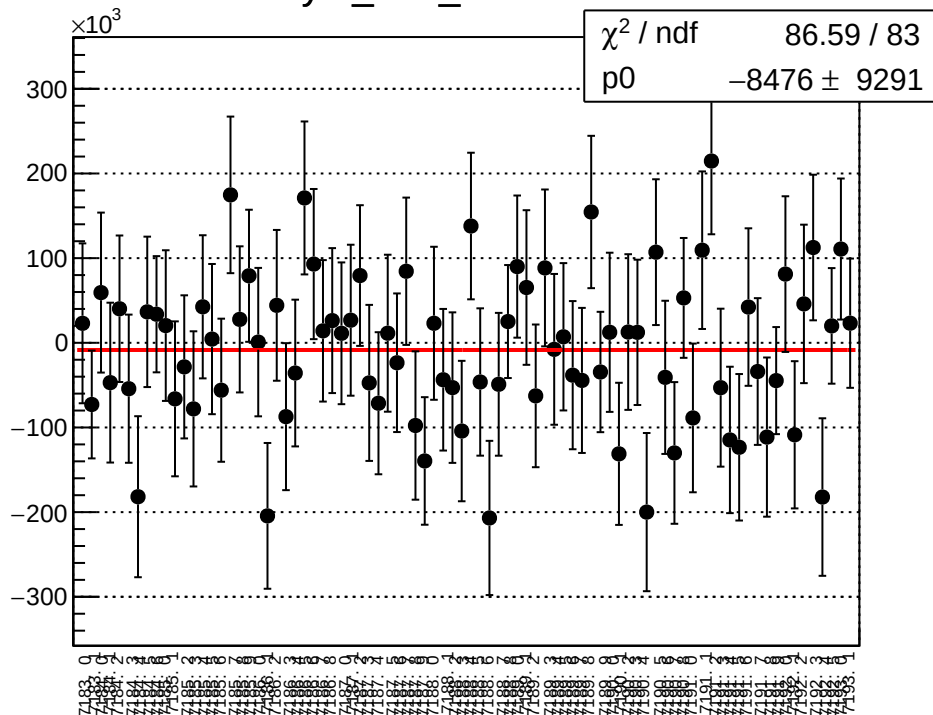
asym_atr2_eigen_dit_correction_mean vs run



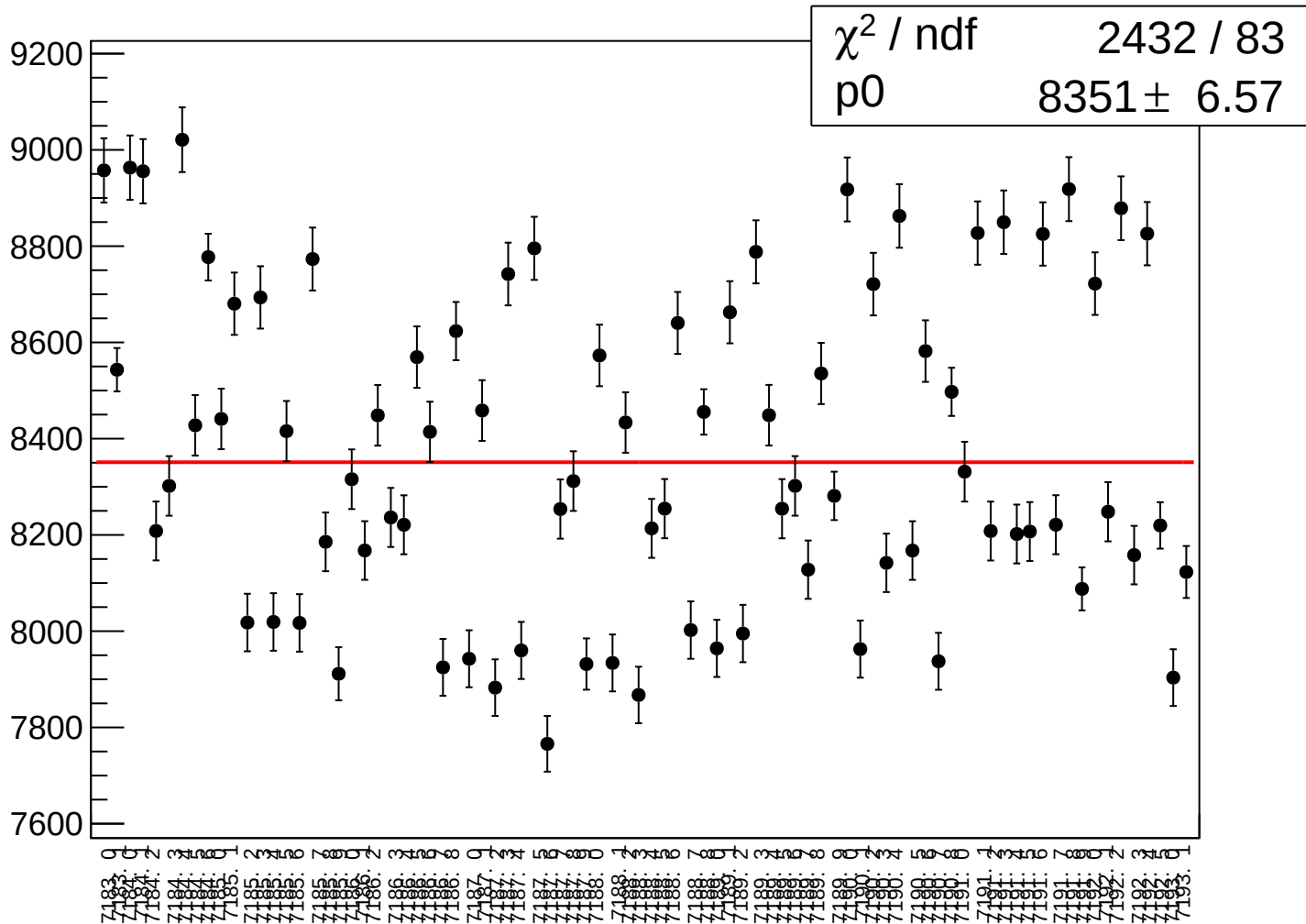
asym_atr2_eigen_dit_correction_rms vs run



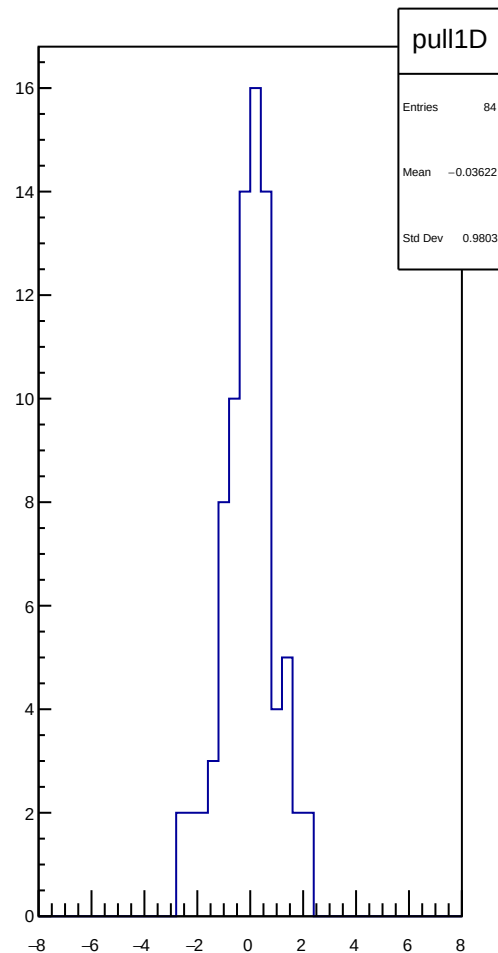
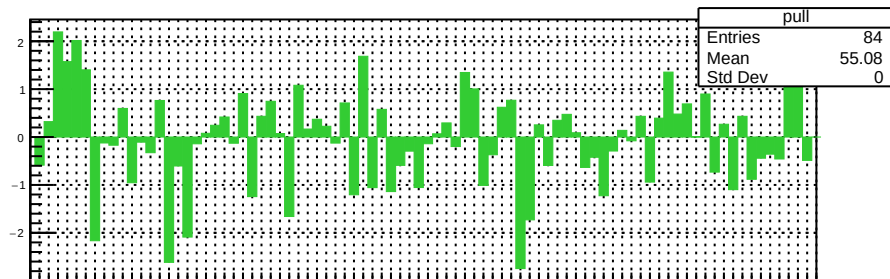
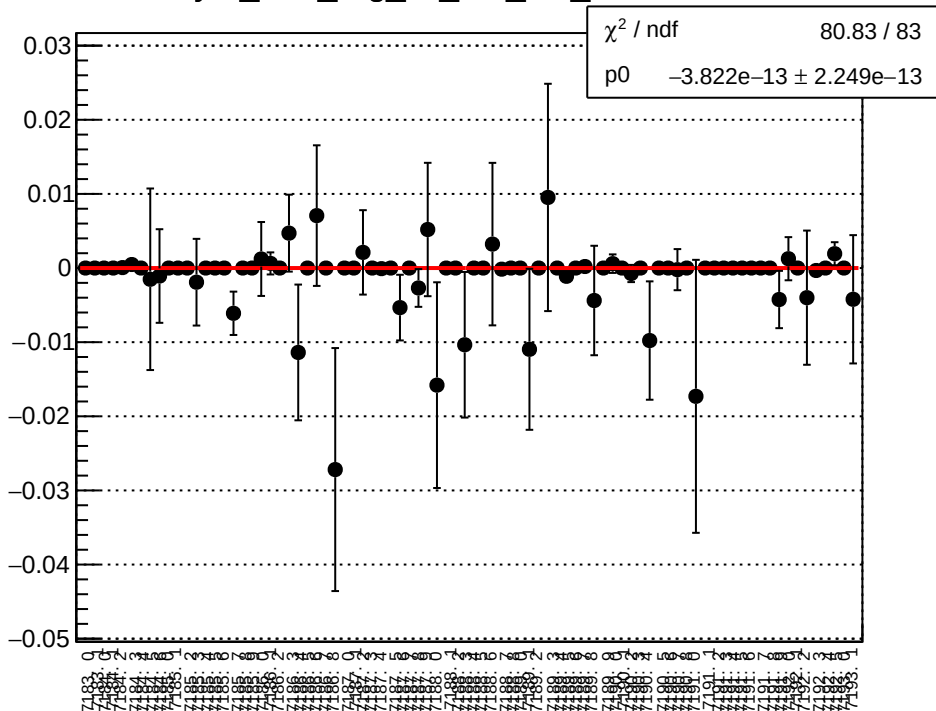
asym_atr2_mean vs run



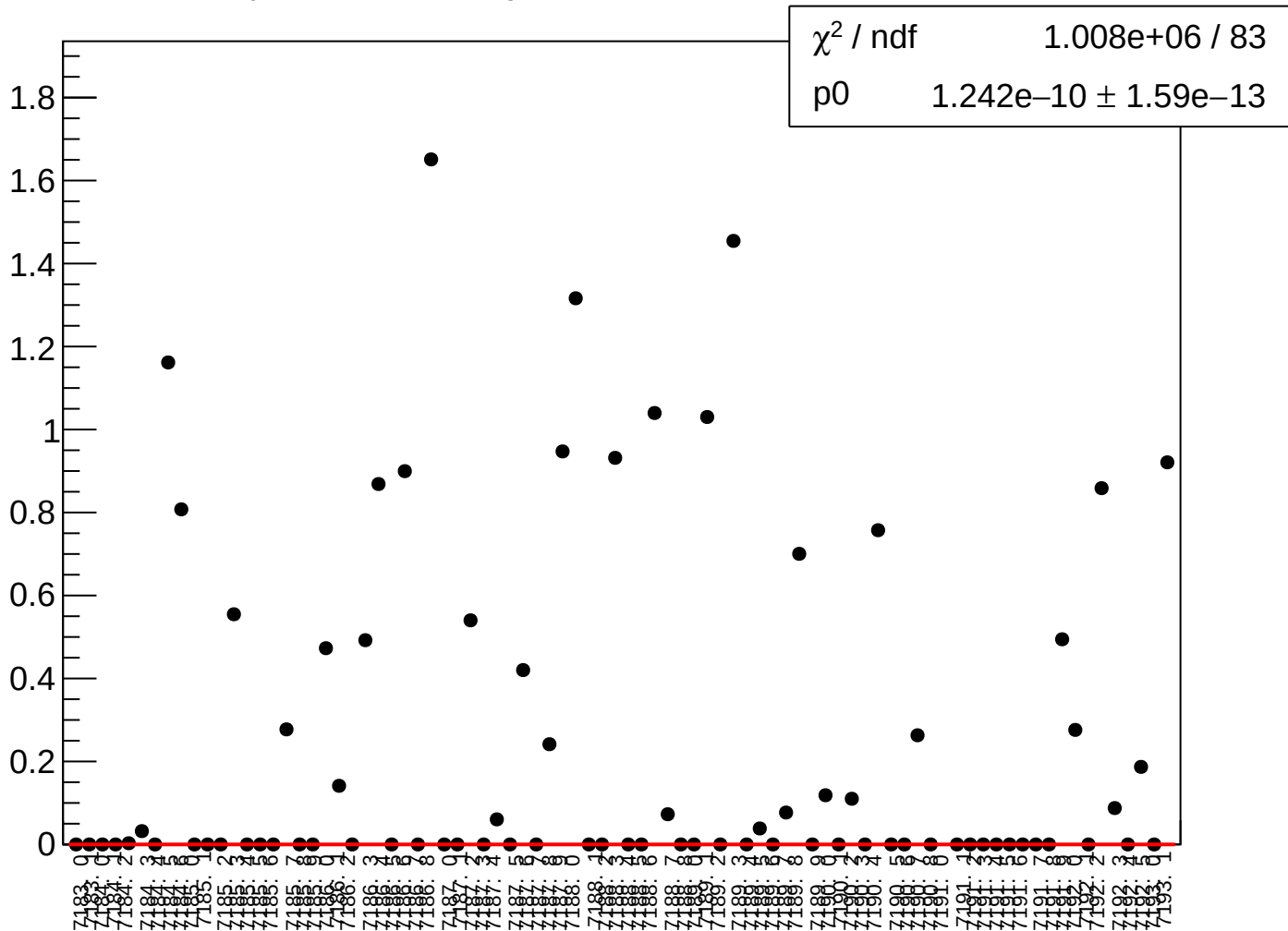
asym_atr2_rms vs run



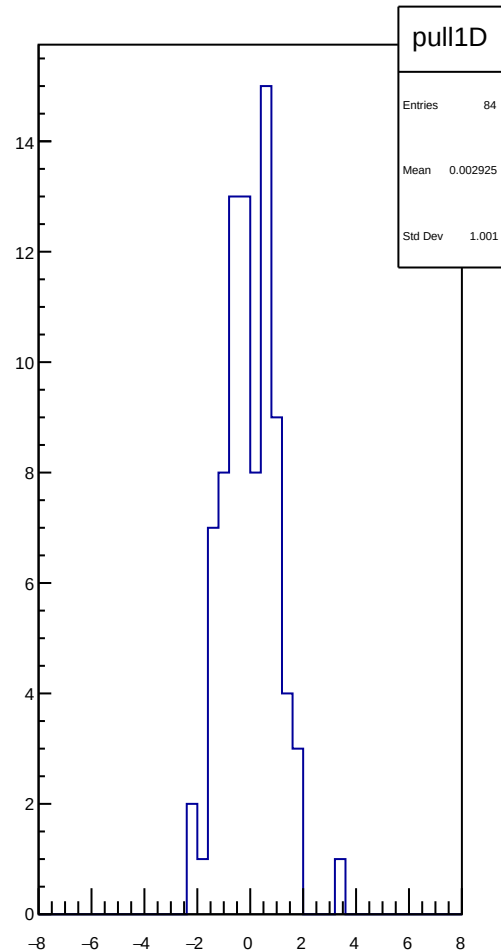
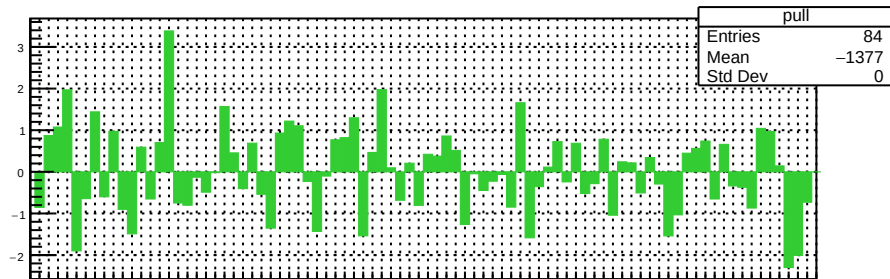
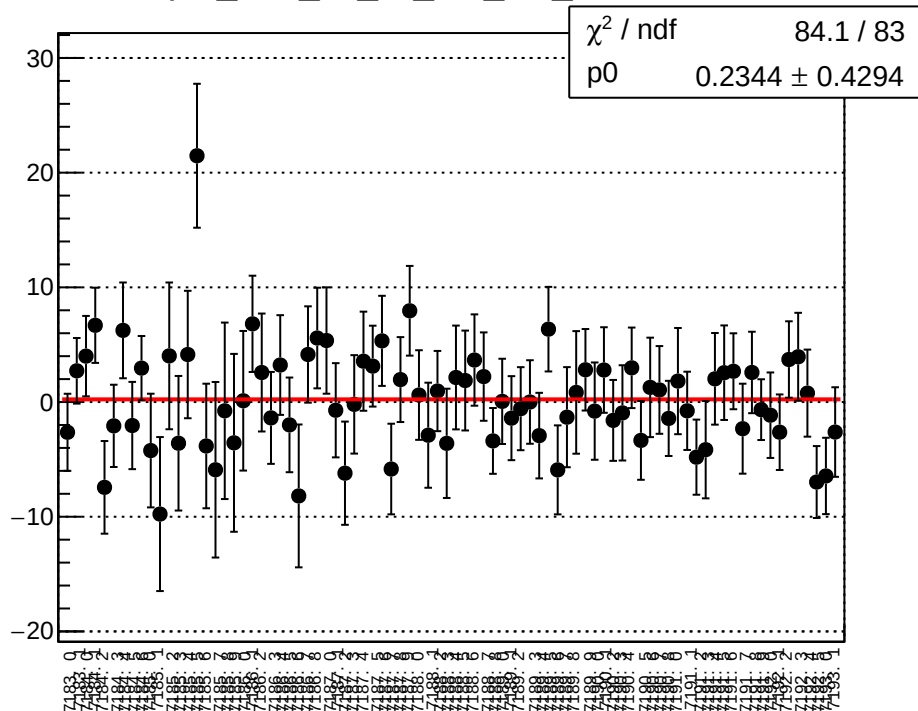
asym_atr2_reg_vs_cor_diff_mean vs run



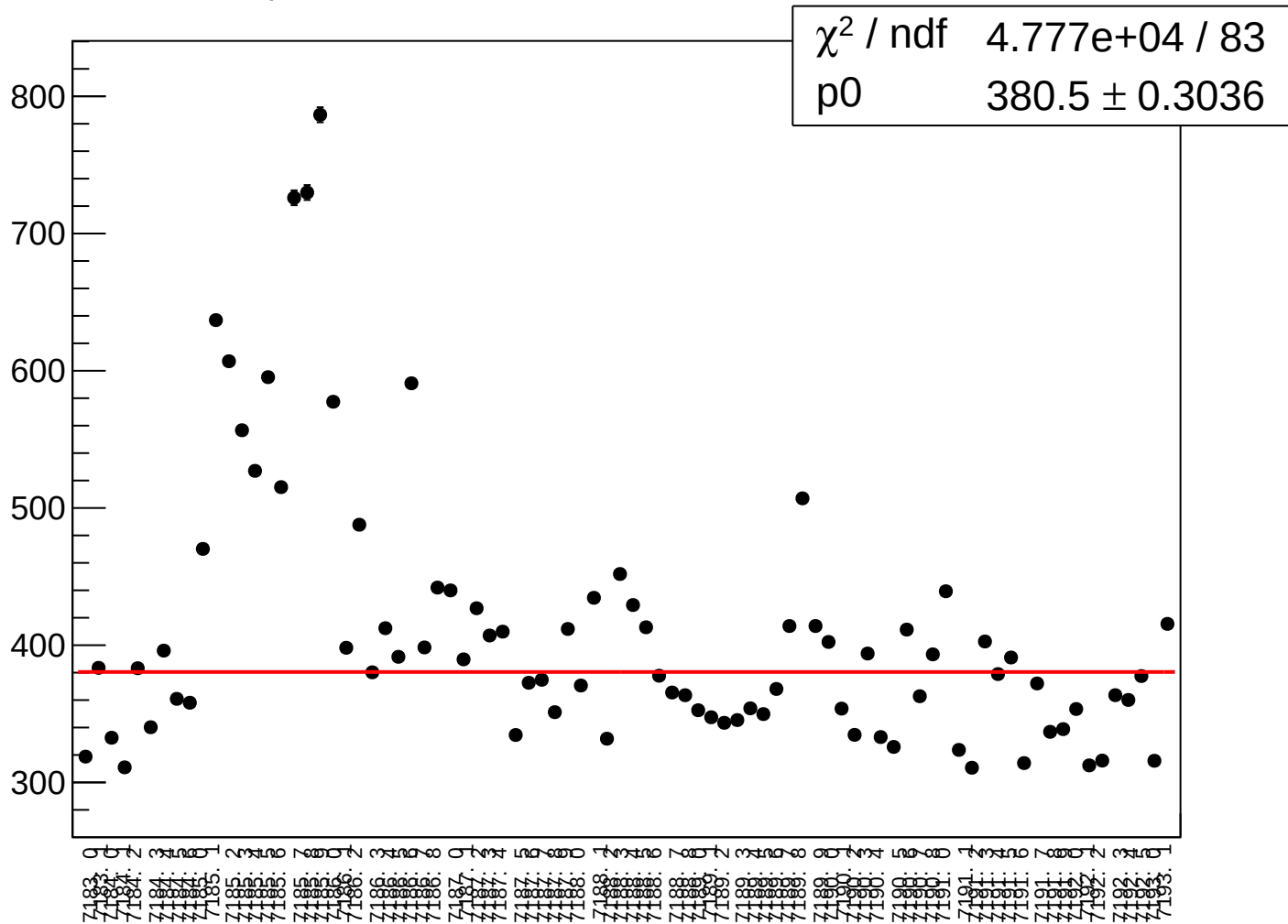
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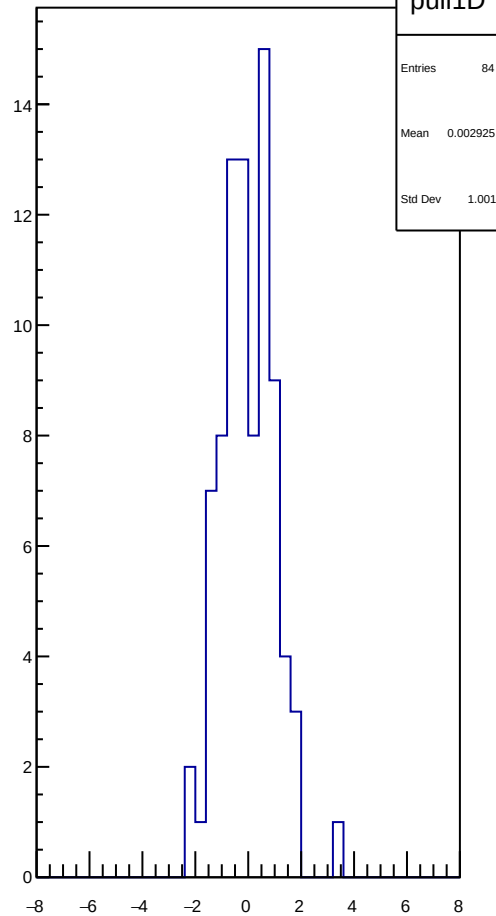
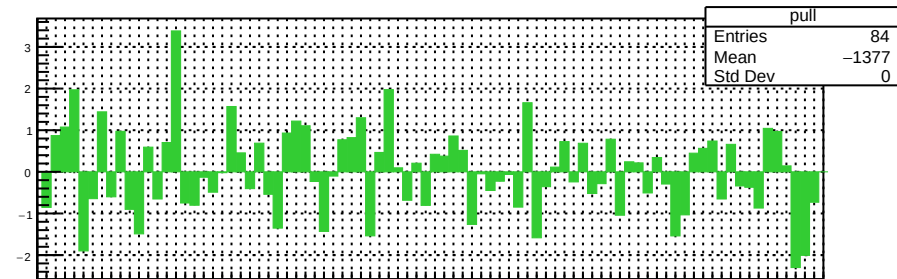
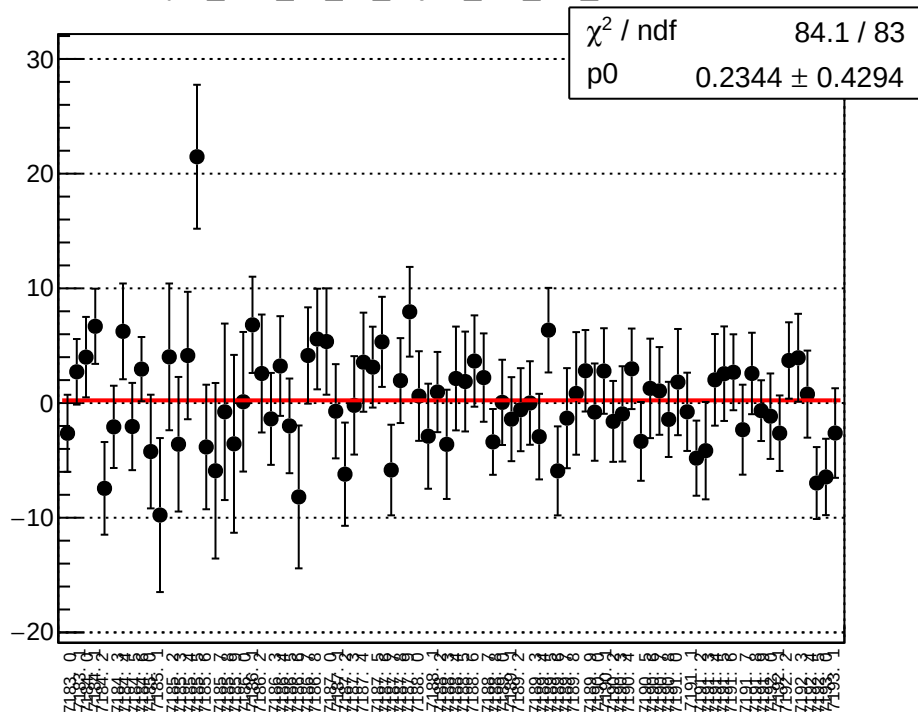
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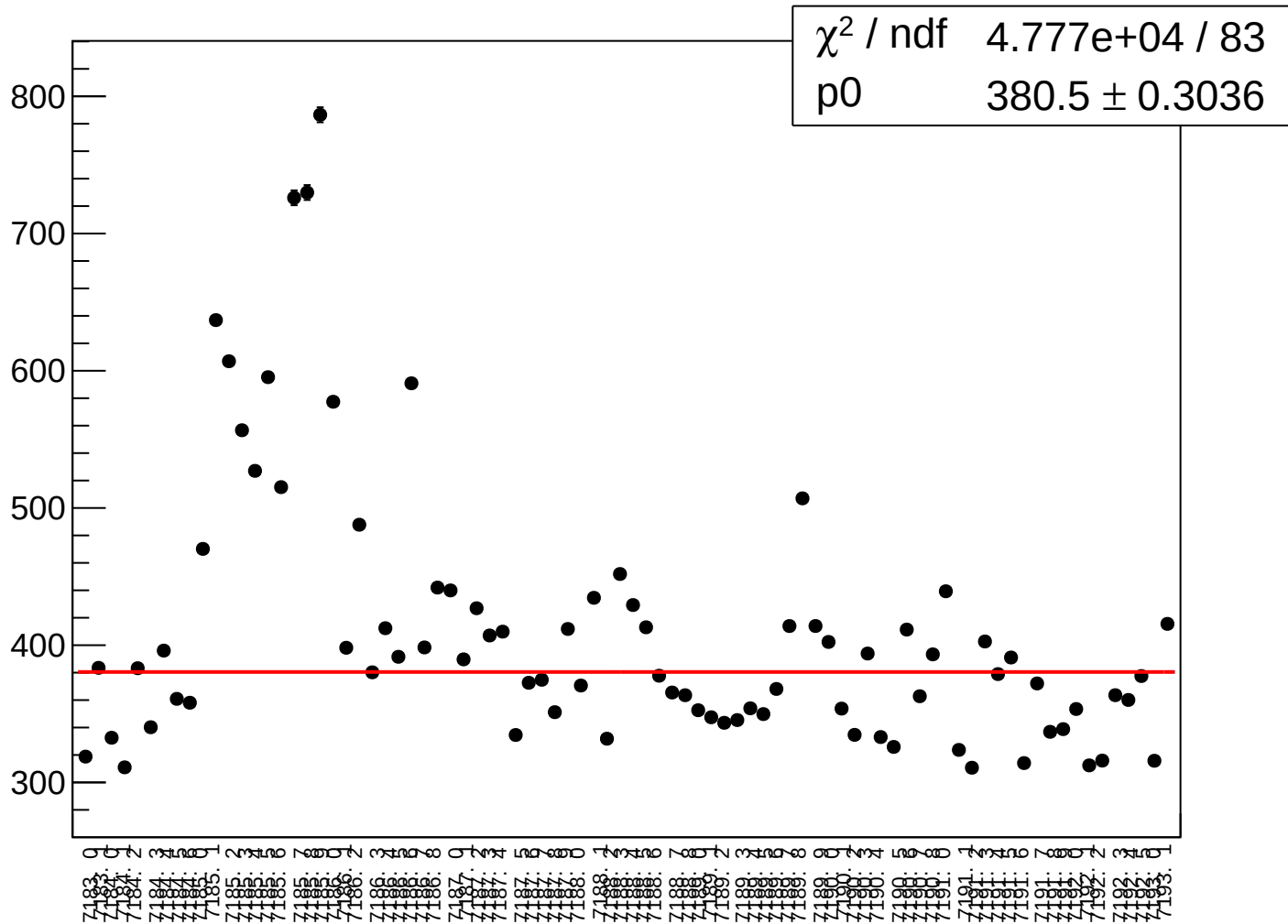
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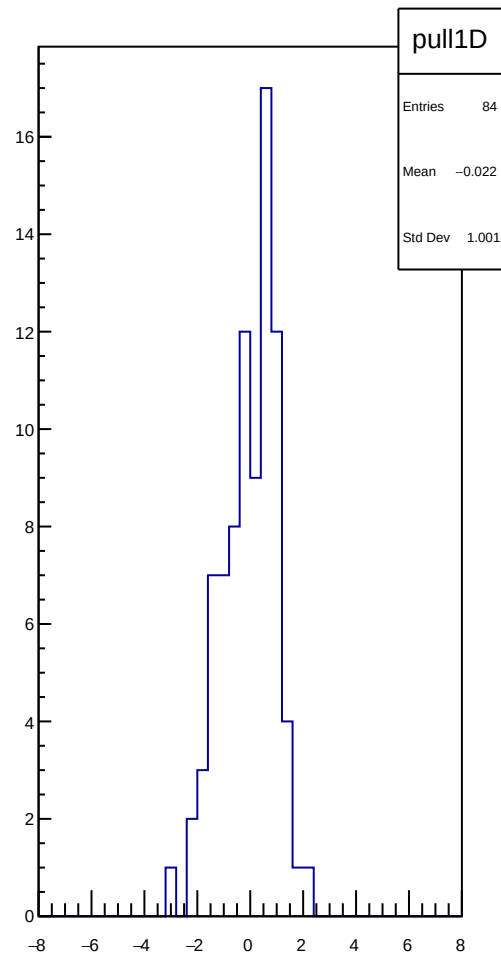
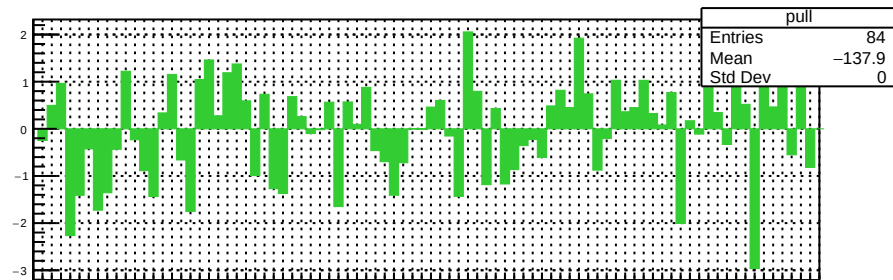
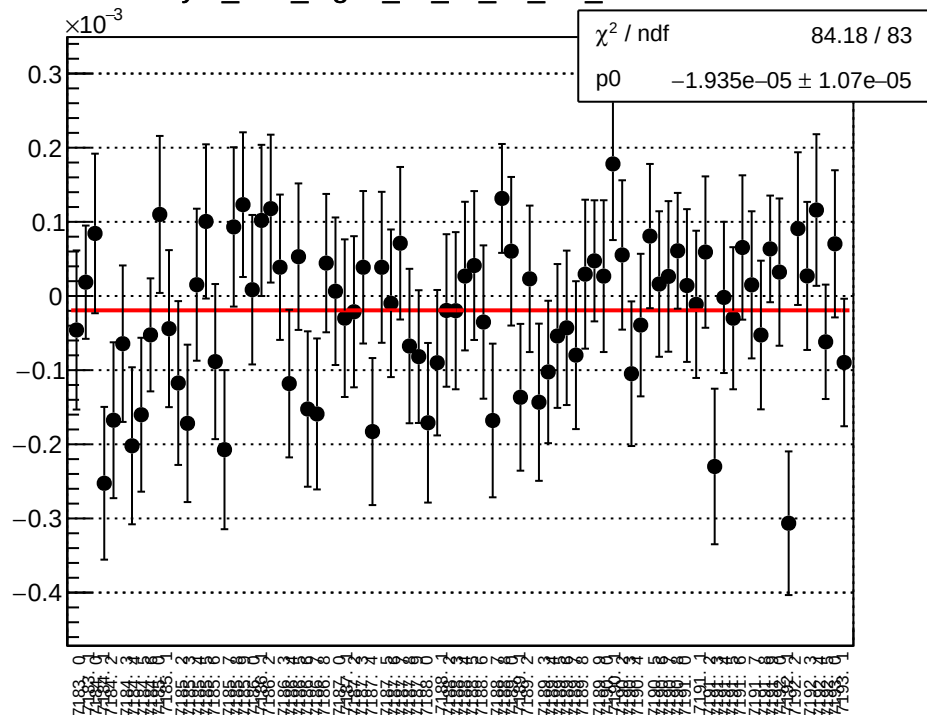
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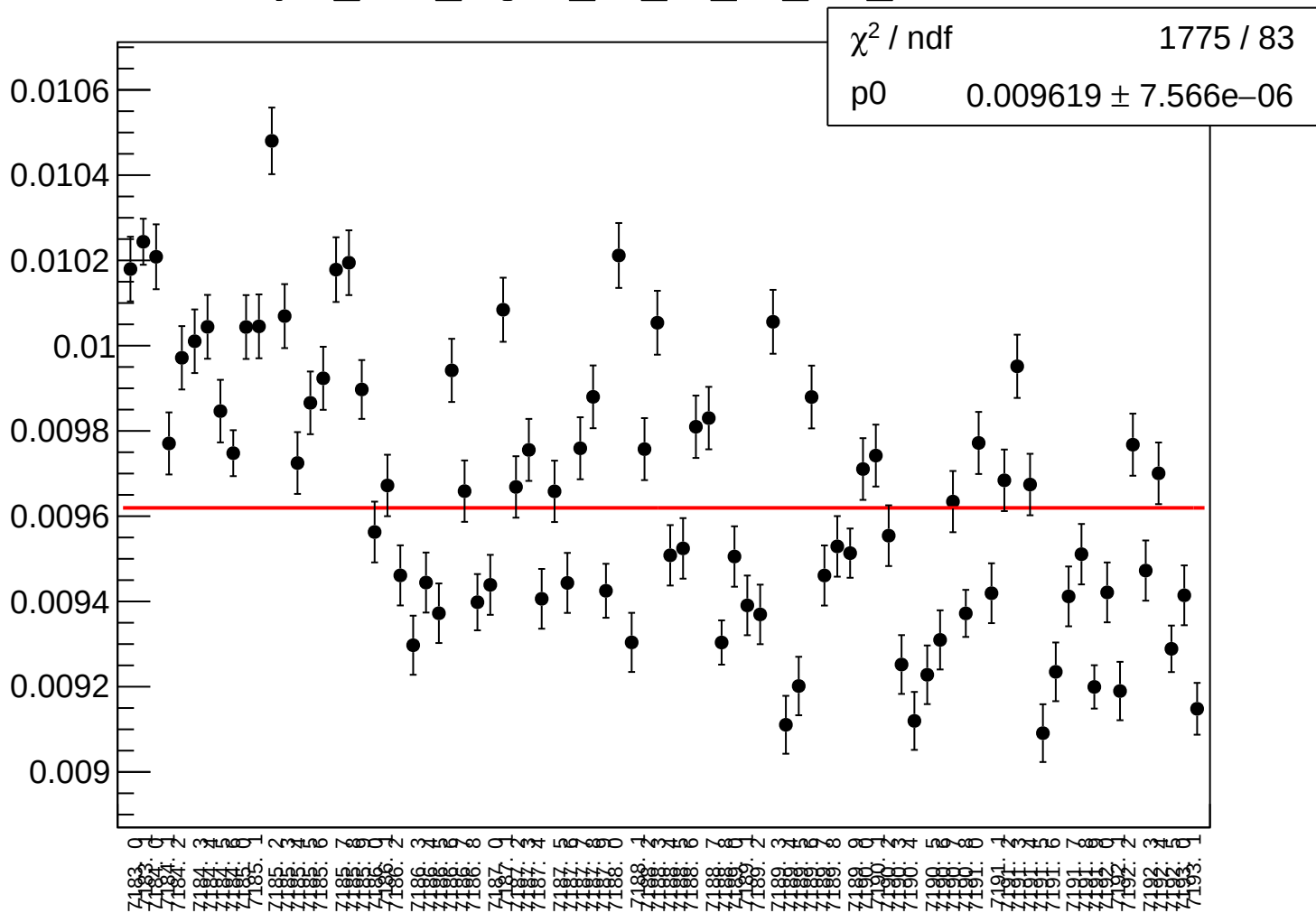
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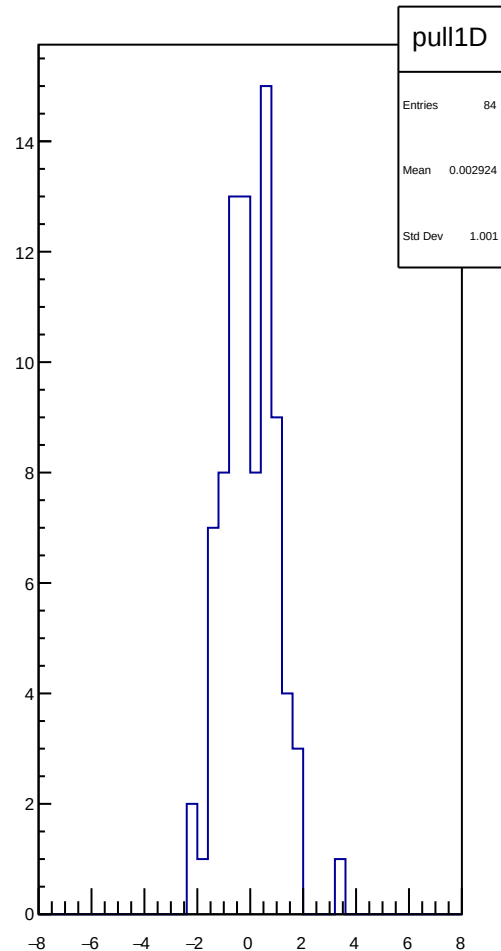
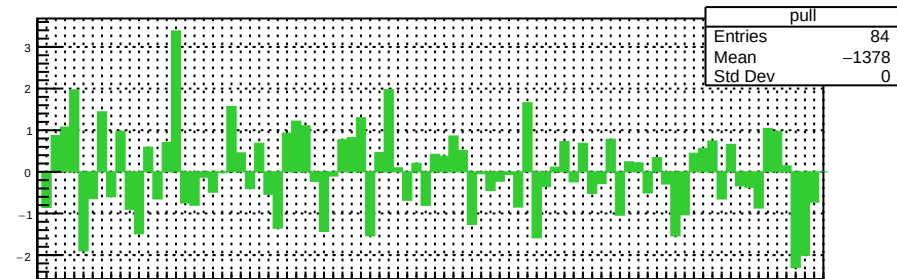
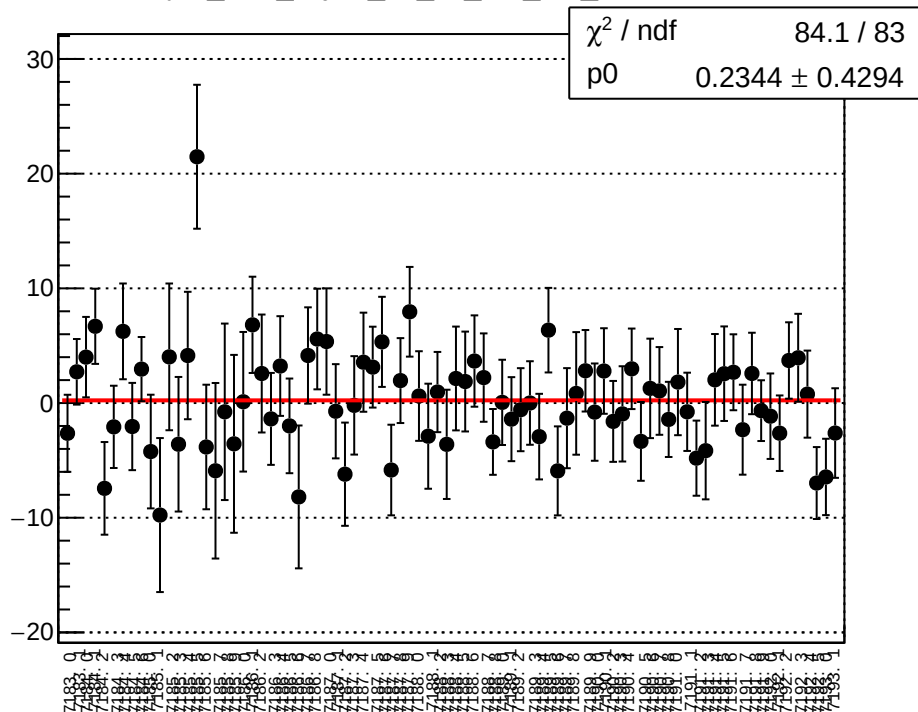
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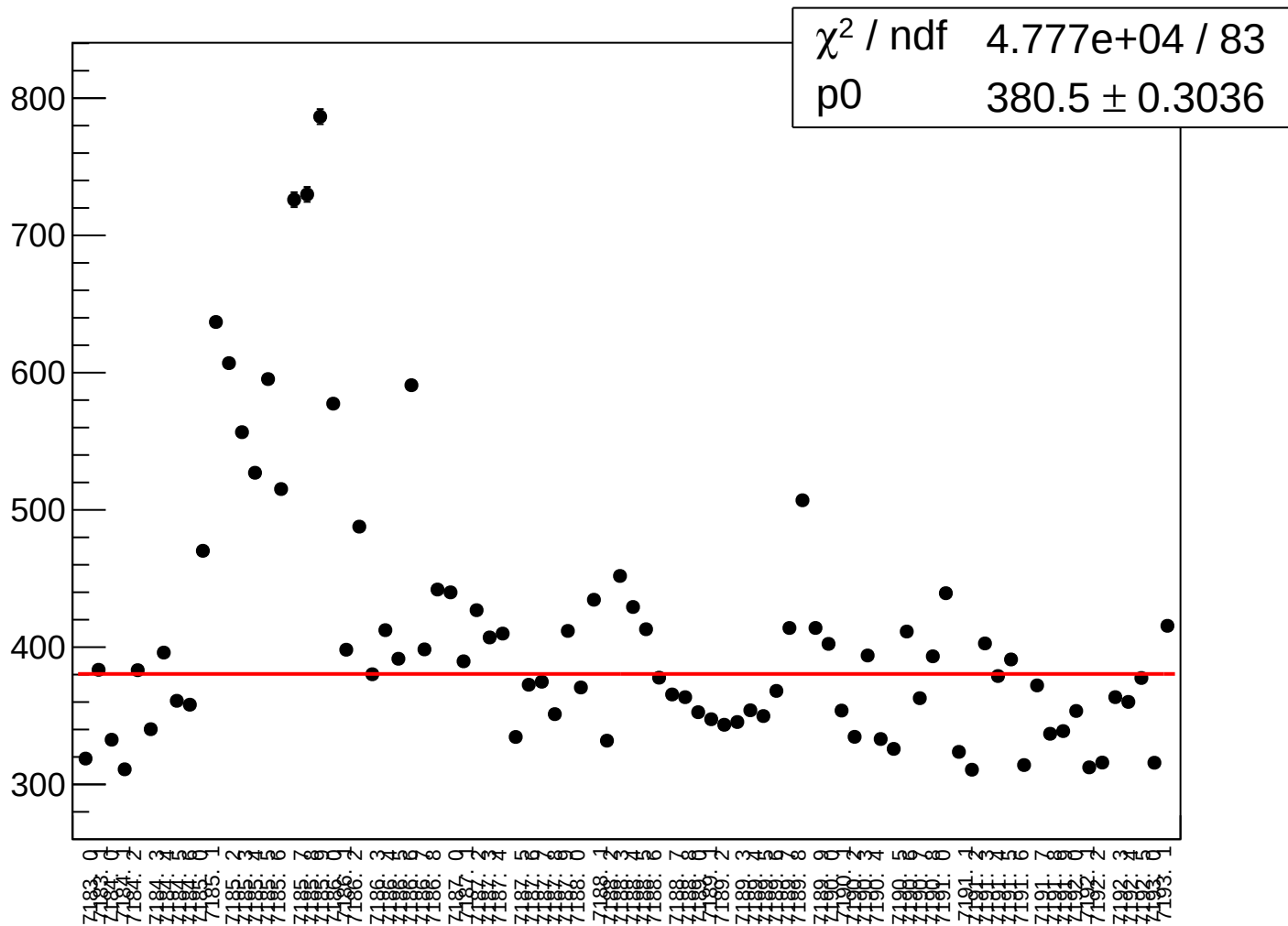
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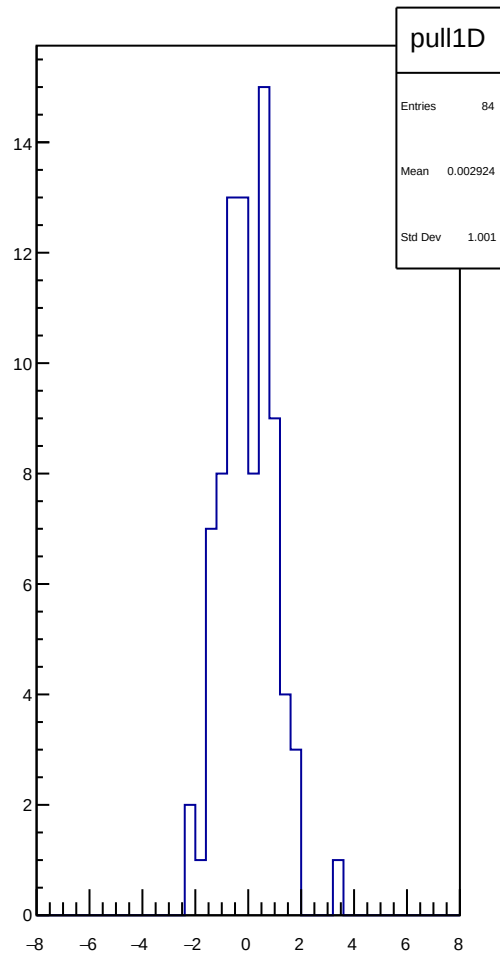
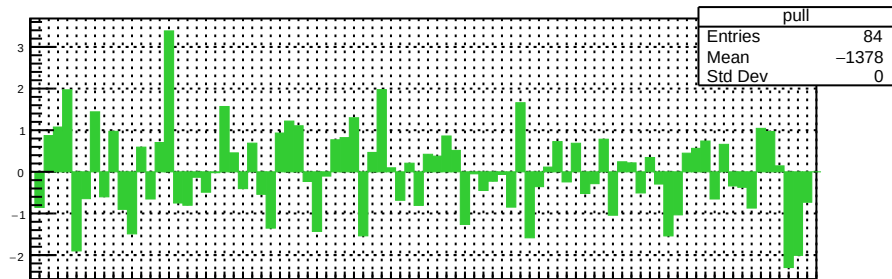
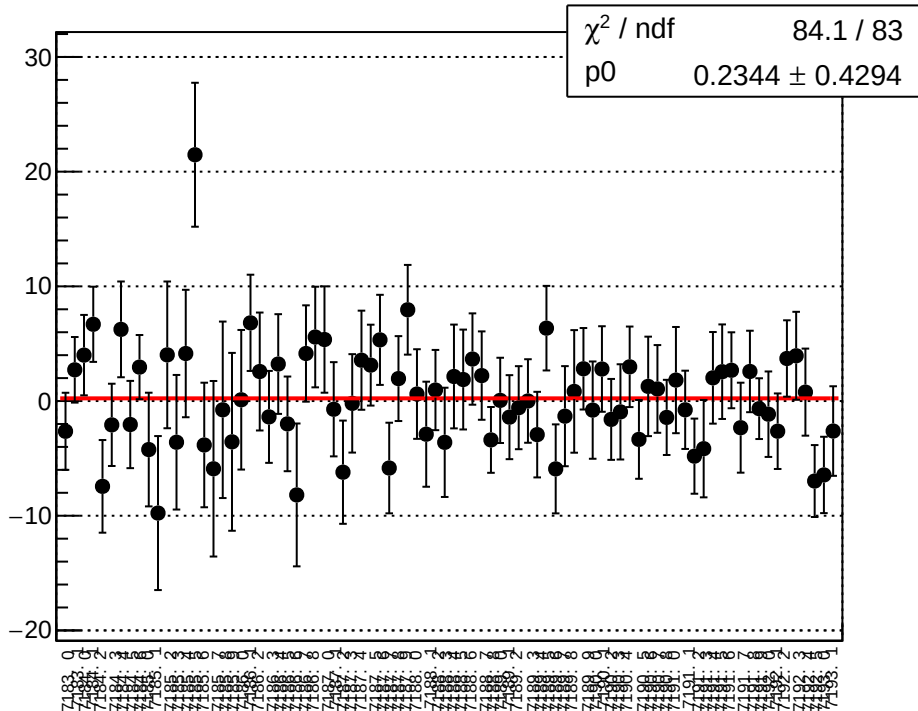
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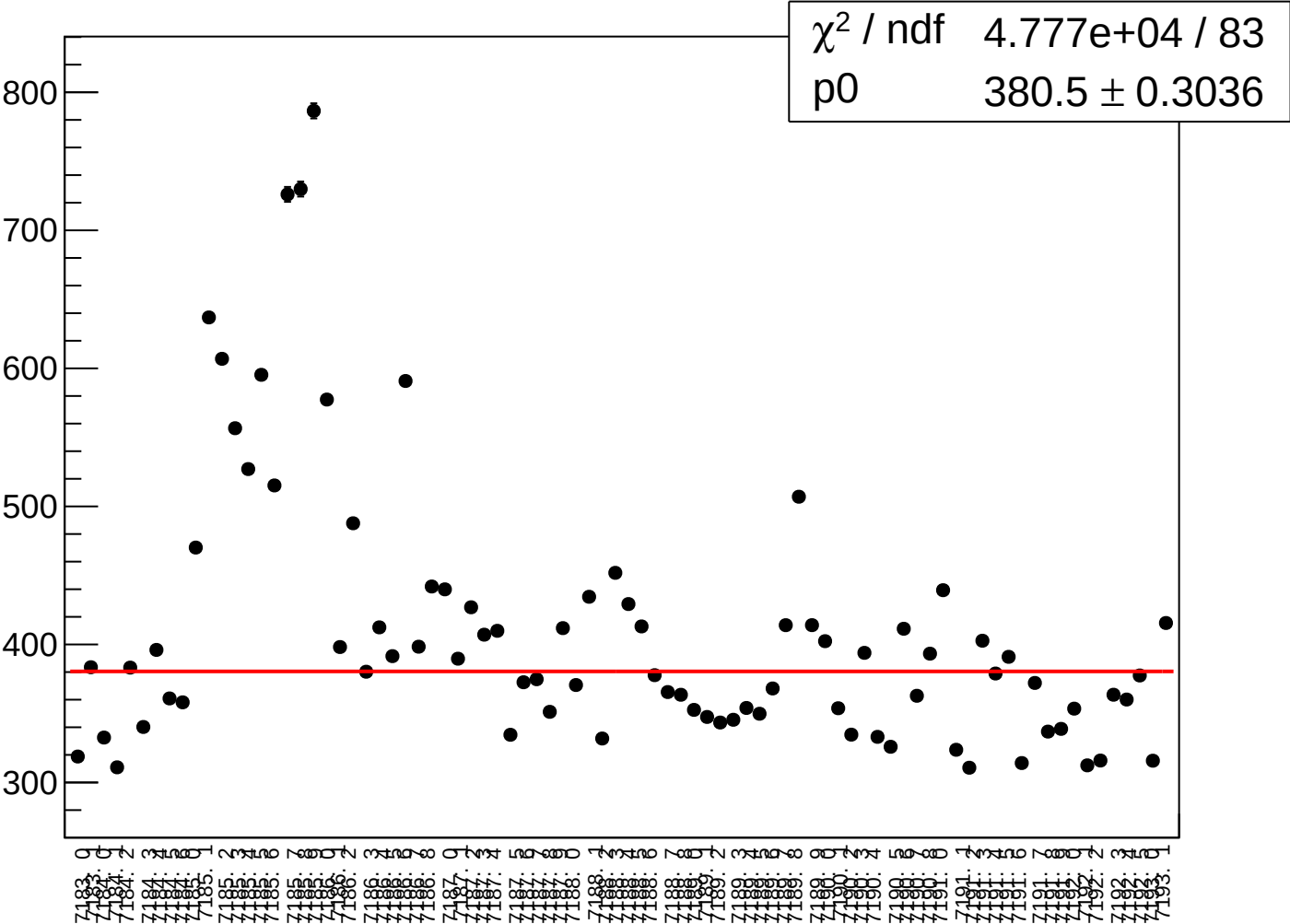
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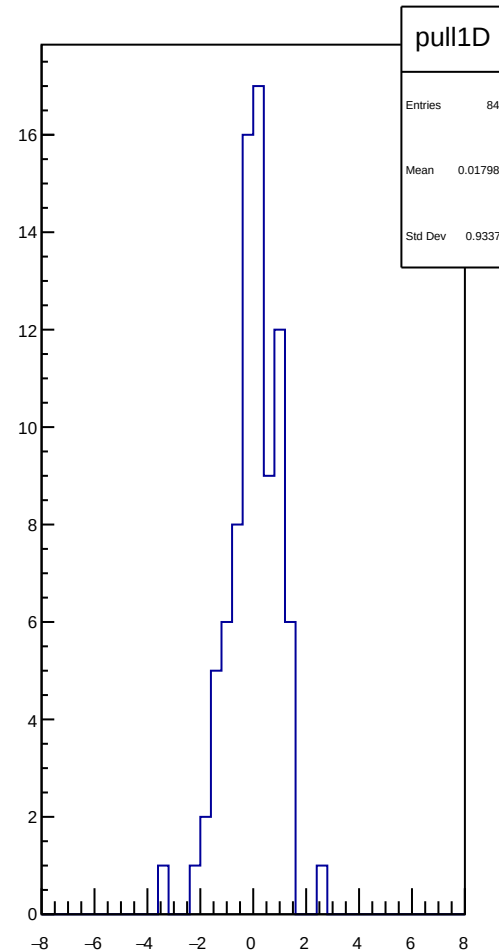
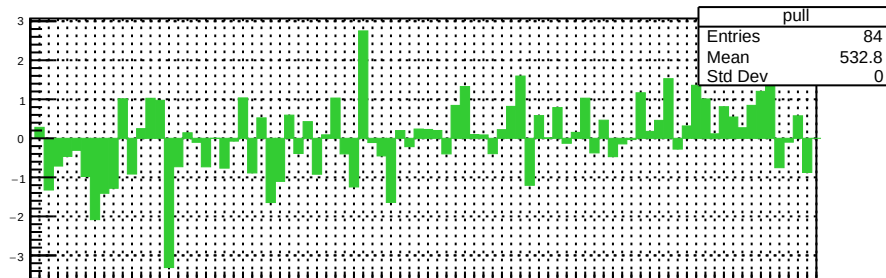
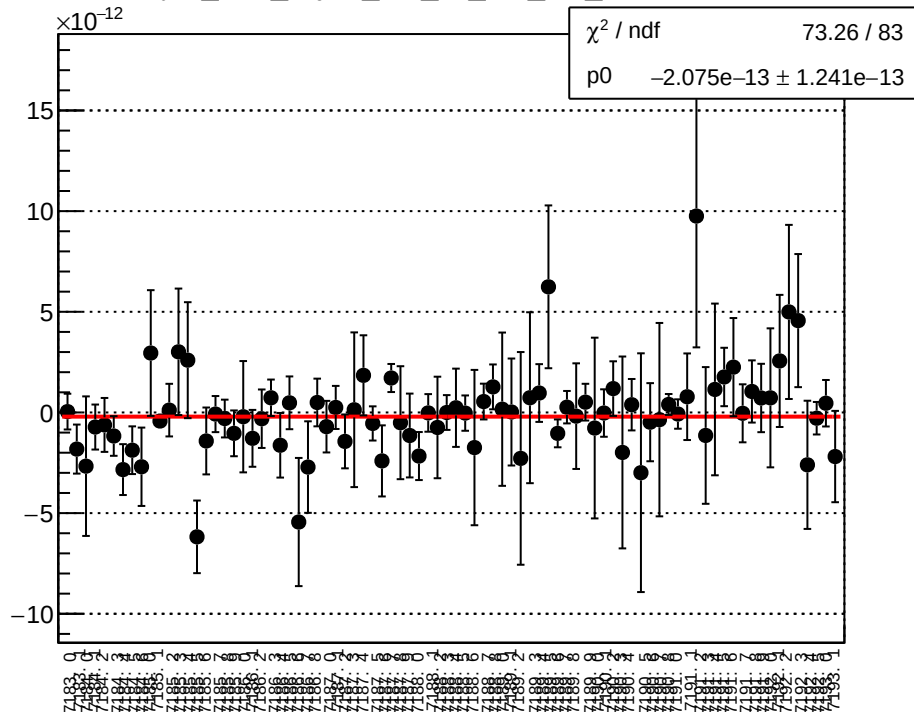
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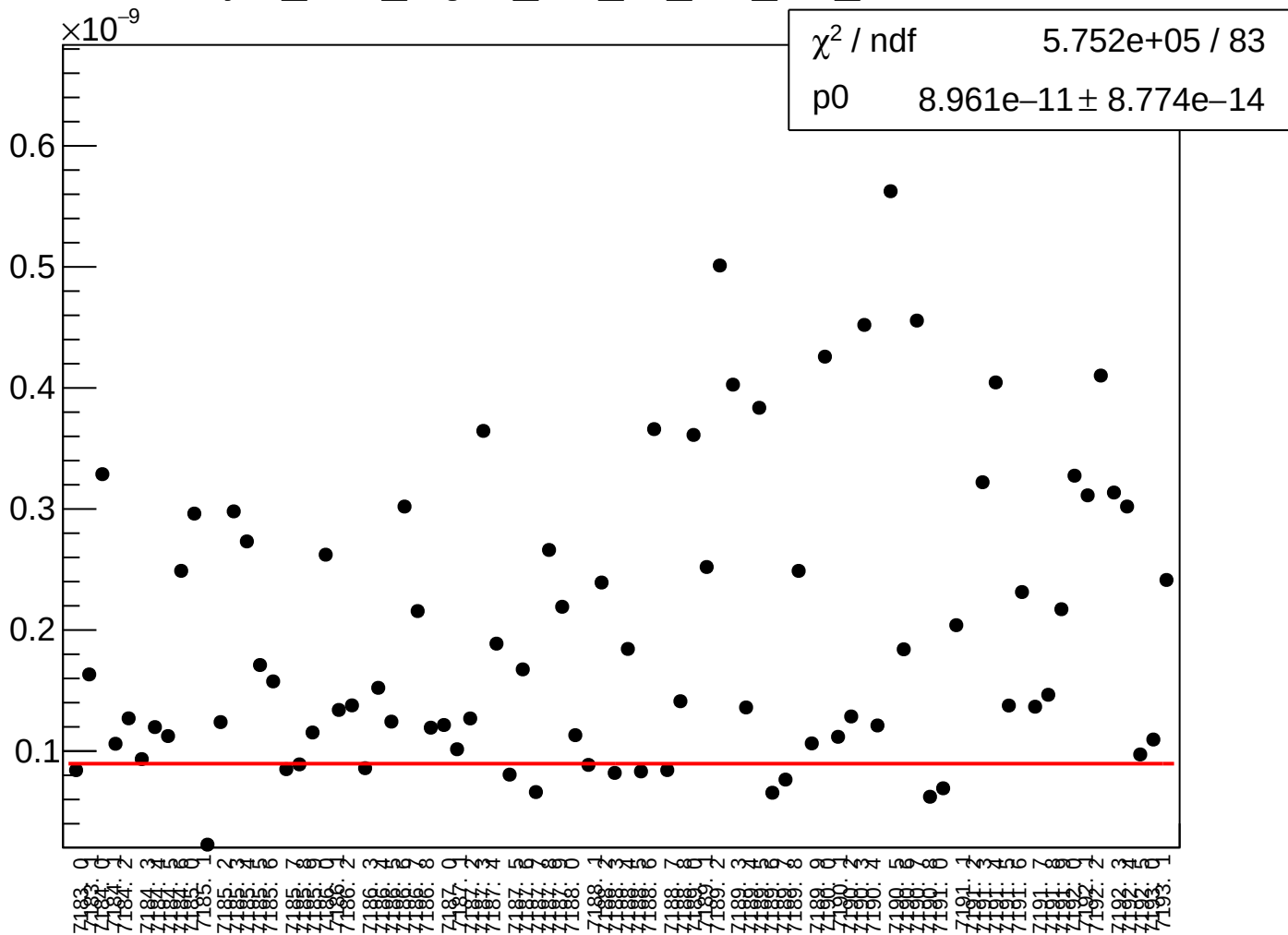
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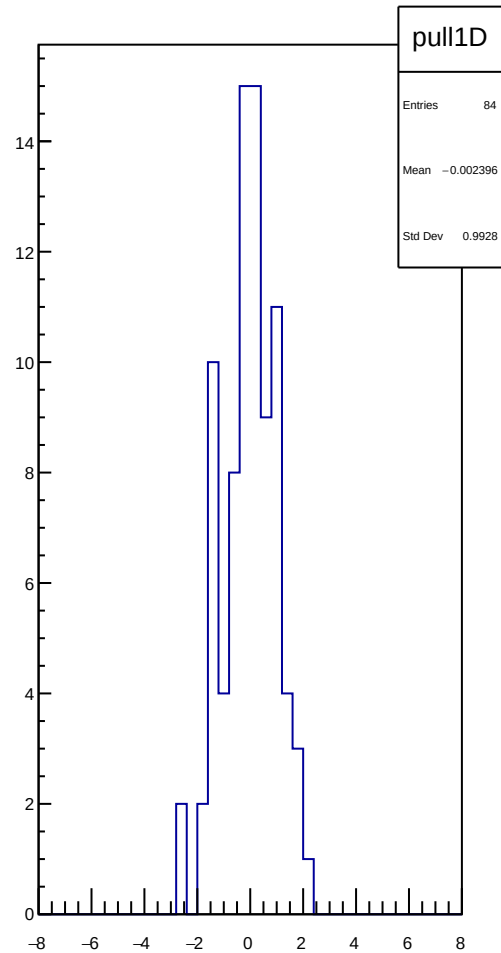
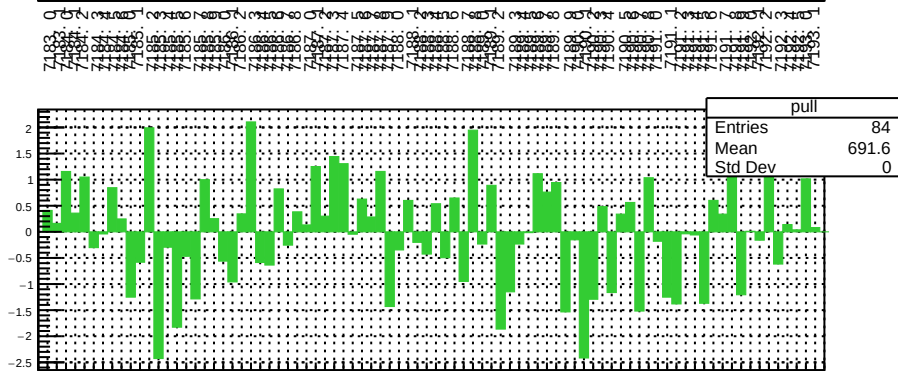
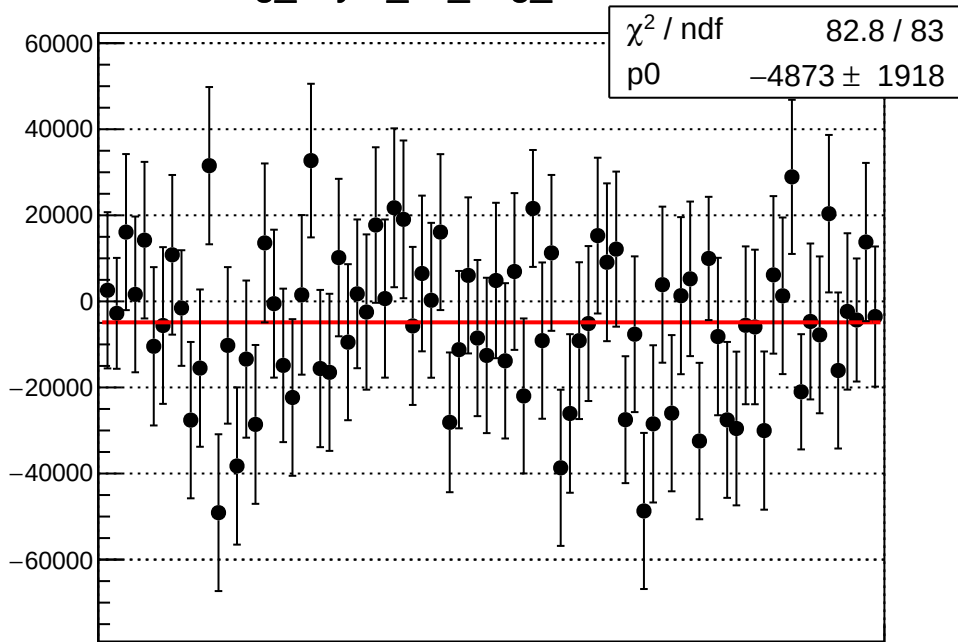
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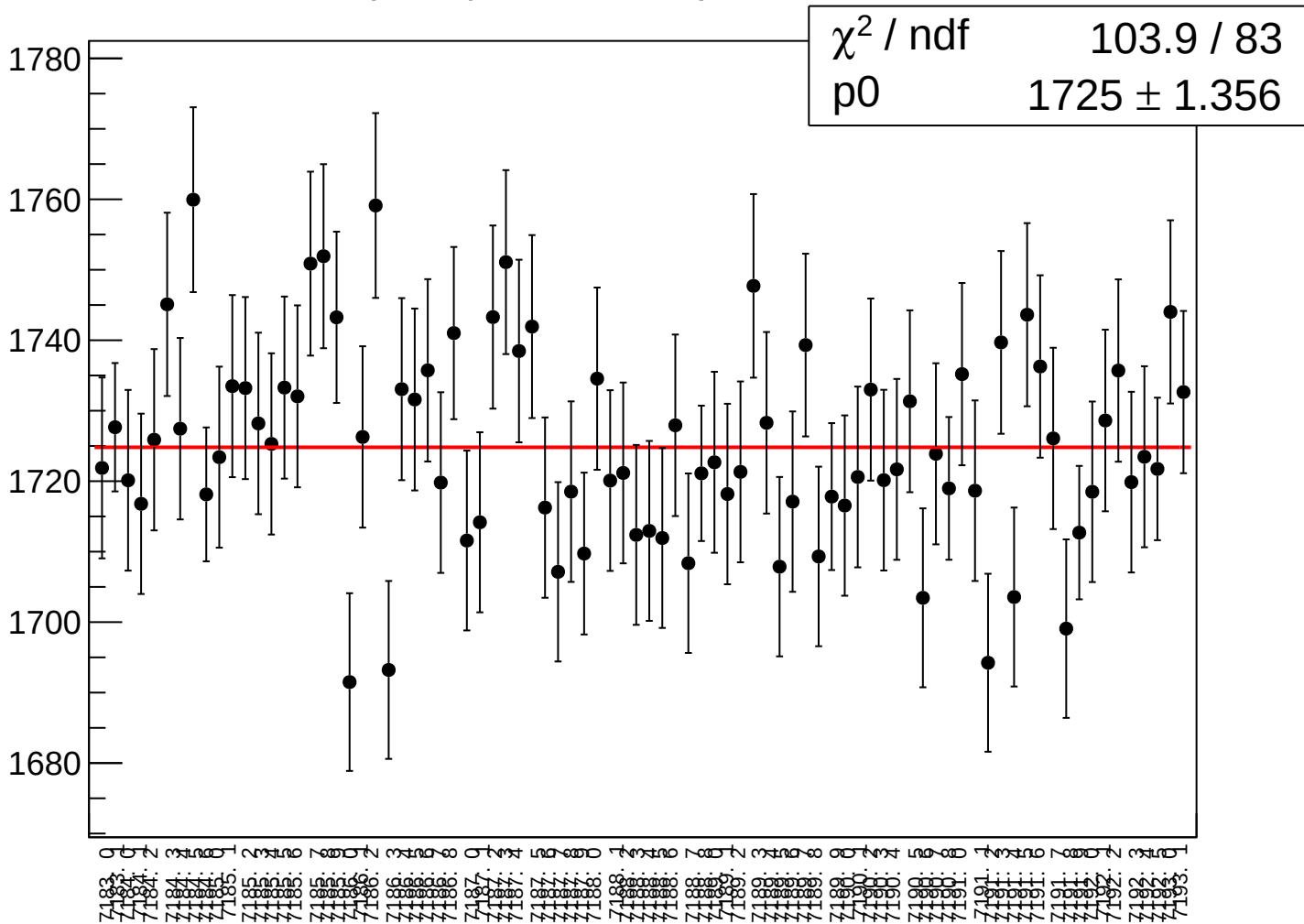
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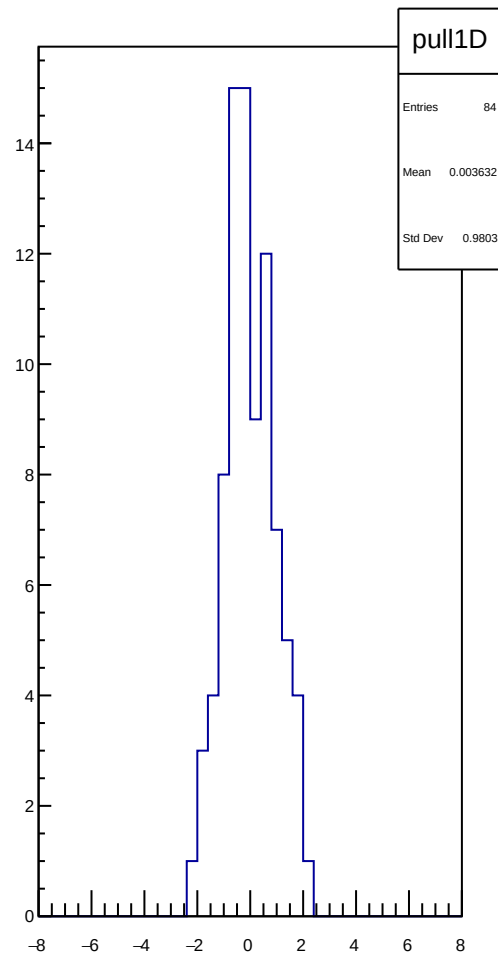
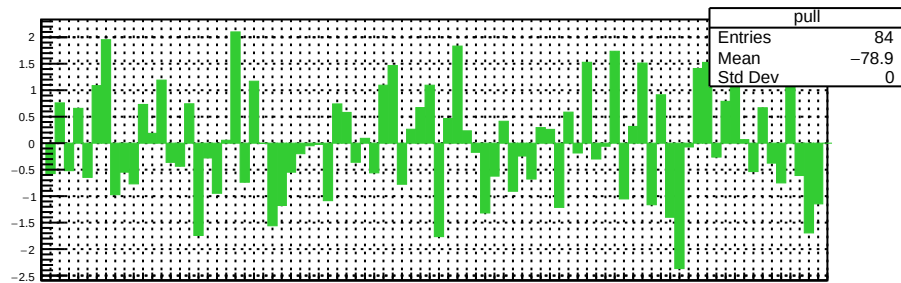
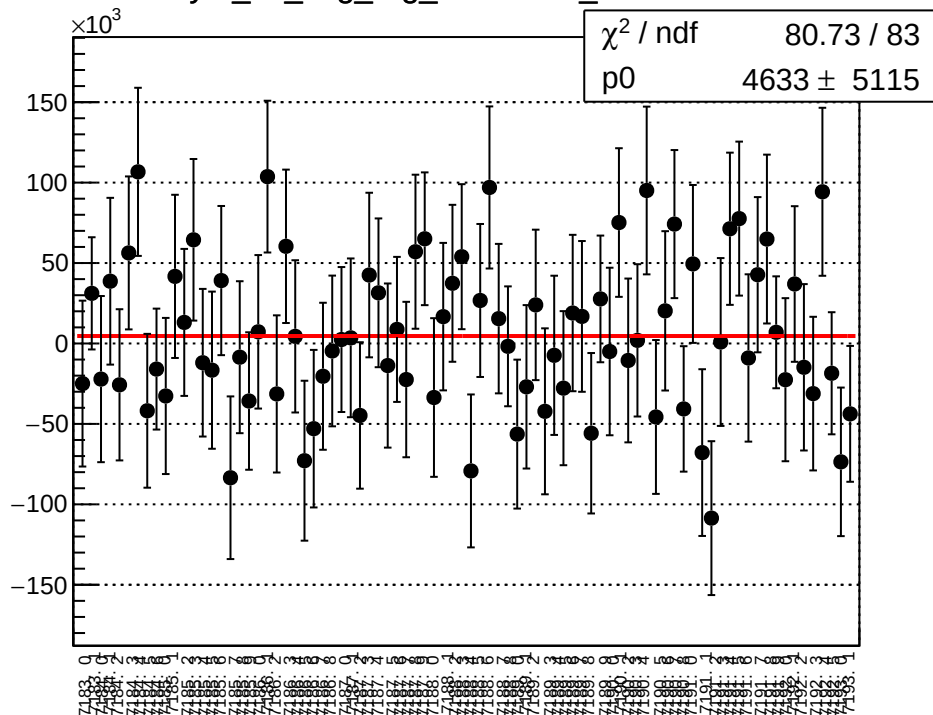
reg_asym_atl_avg_mean vs run



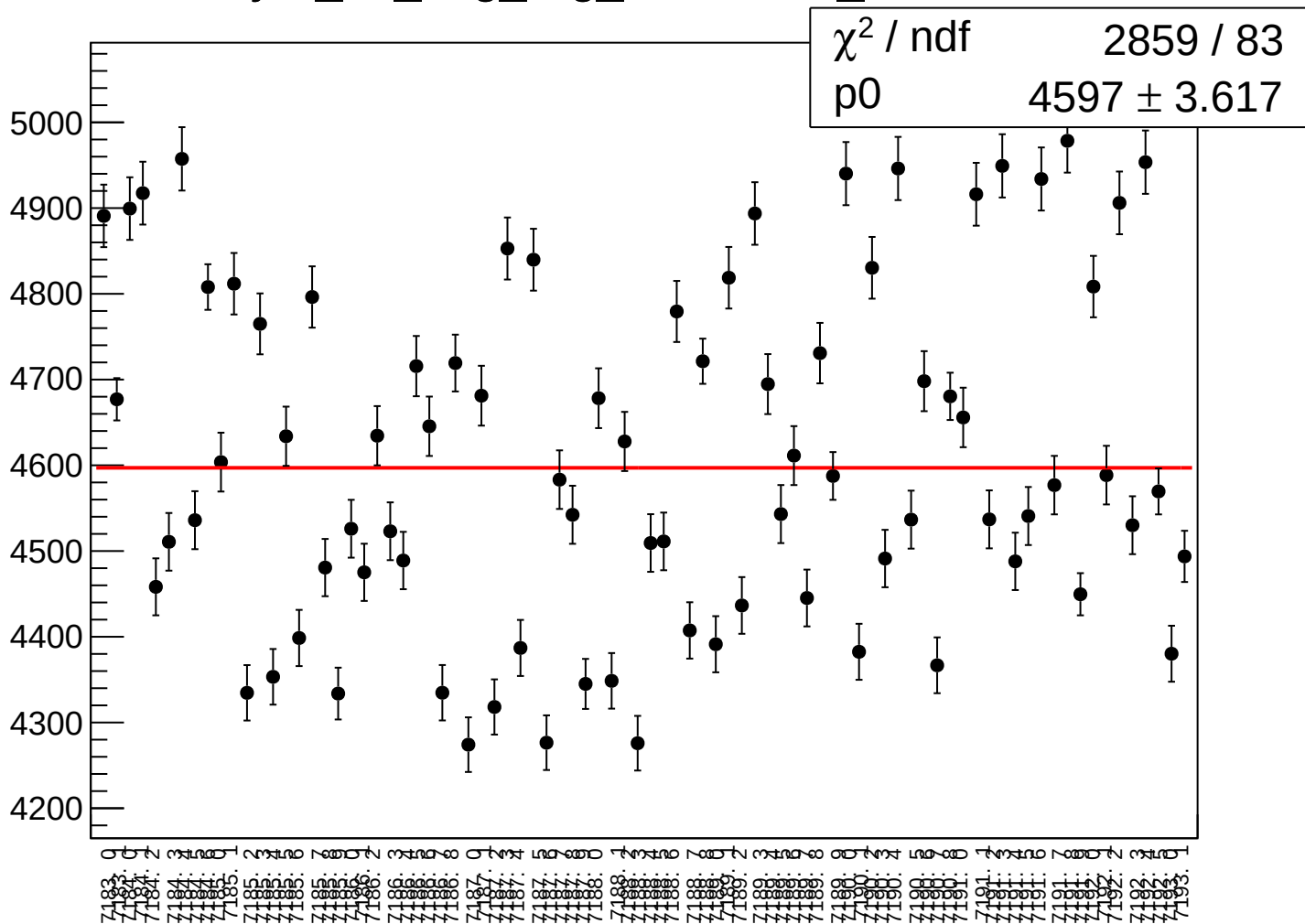
reg_asym_atl_avg_rms vs run



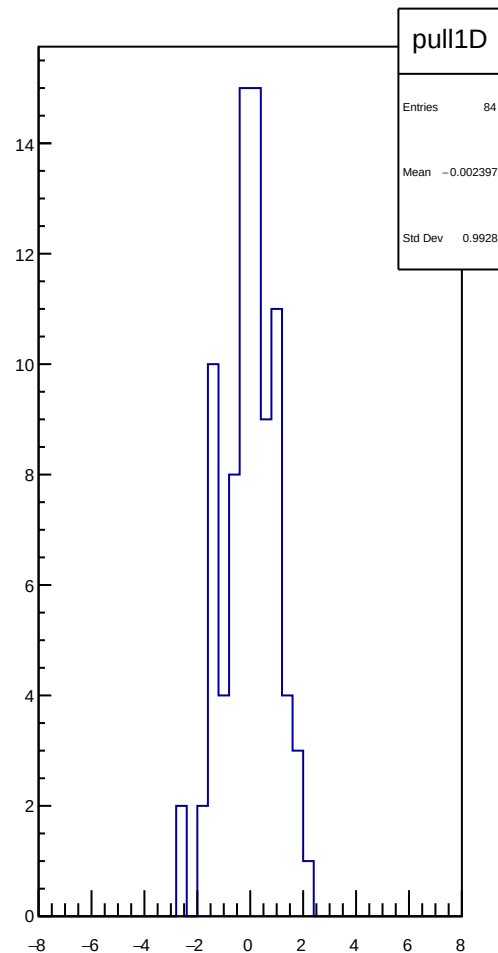
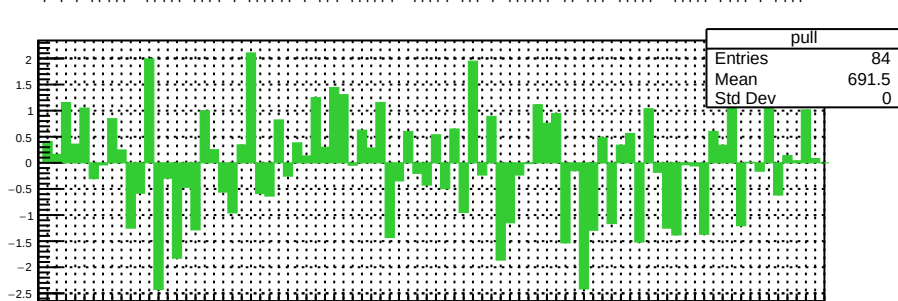
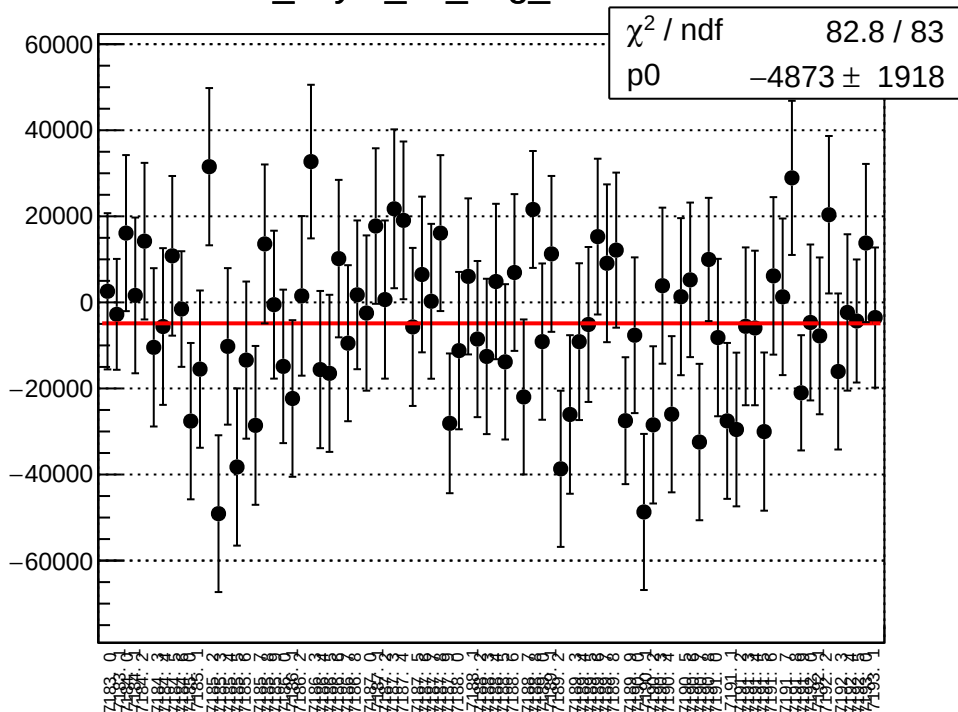
asym_atl_avg_reg_correction_mean vs run



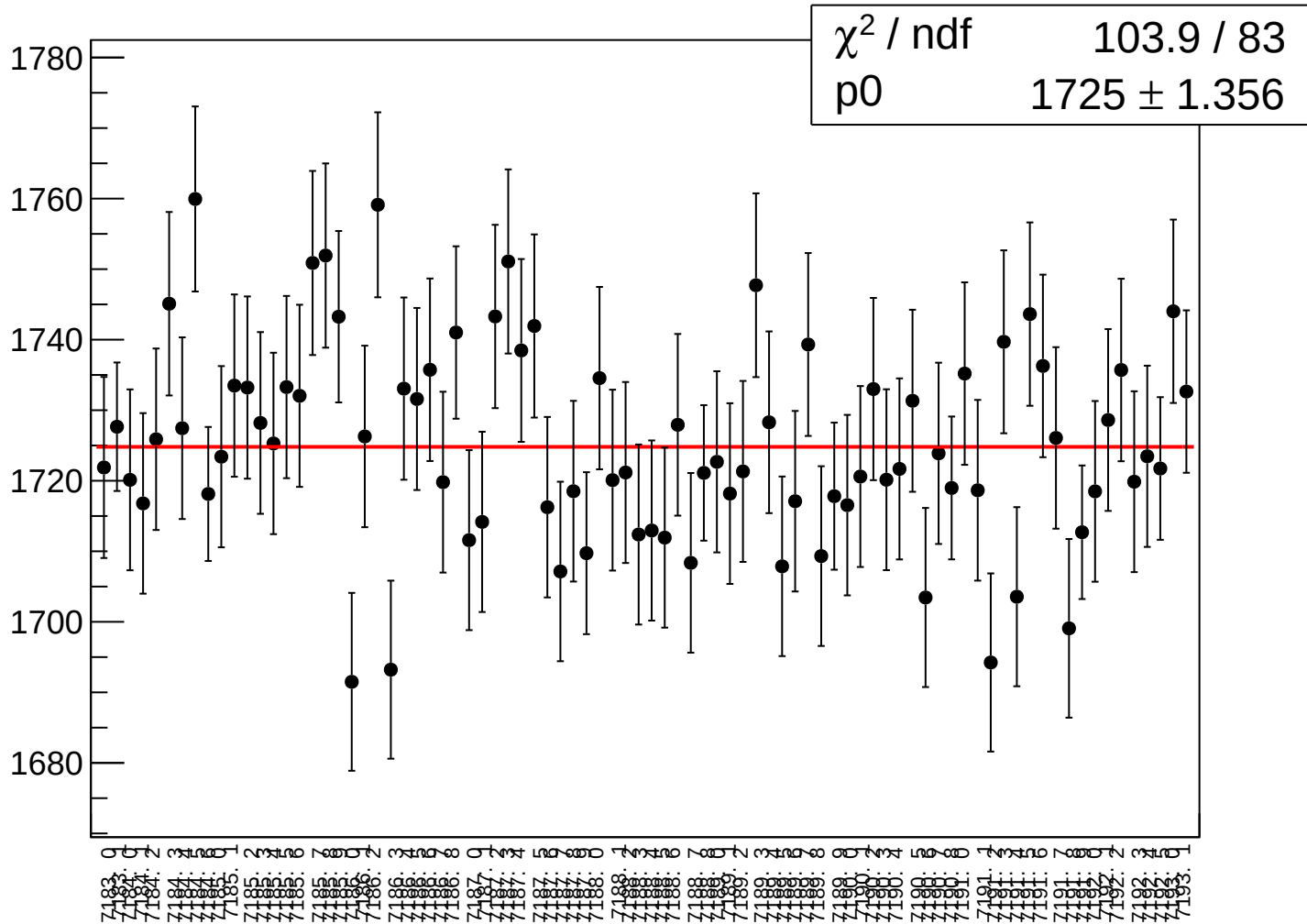
asym_atl_avg_reg_correction_rms vs run



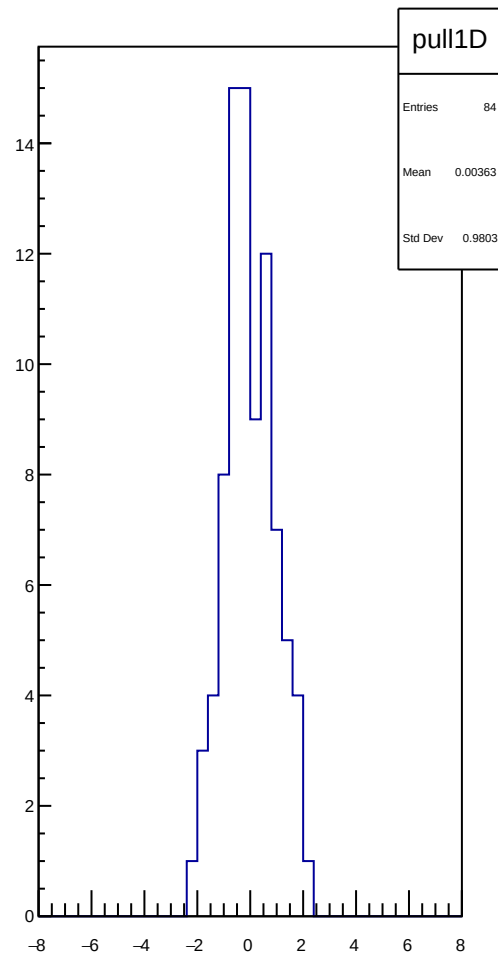
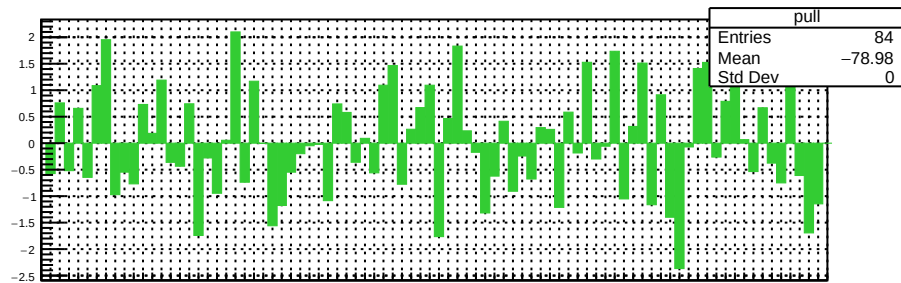
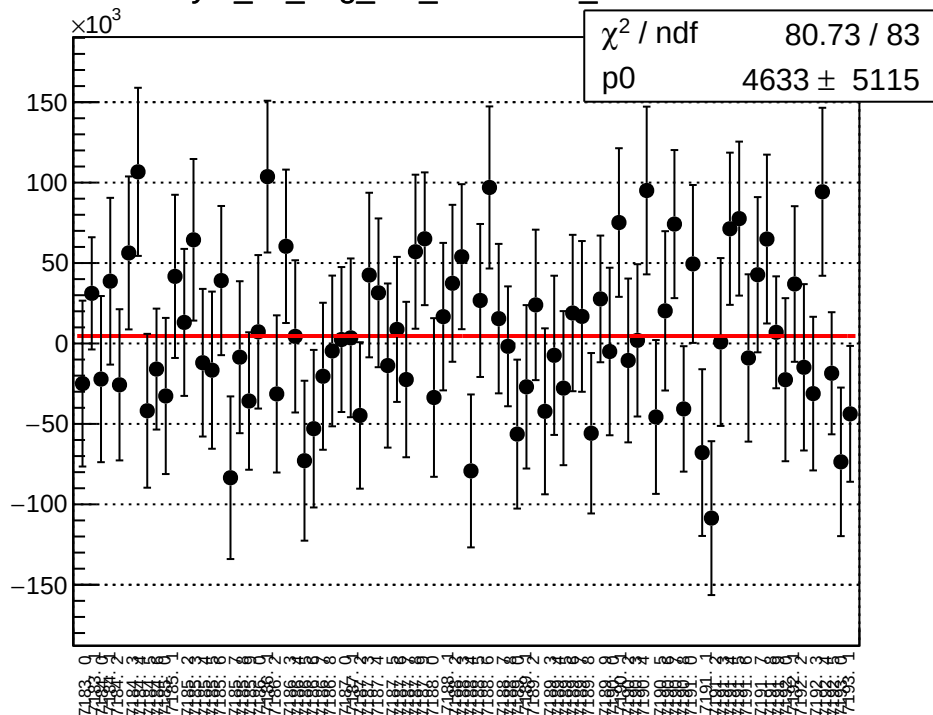
cor_asym_atl_avg_mean vs run



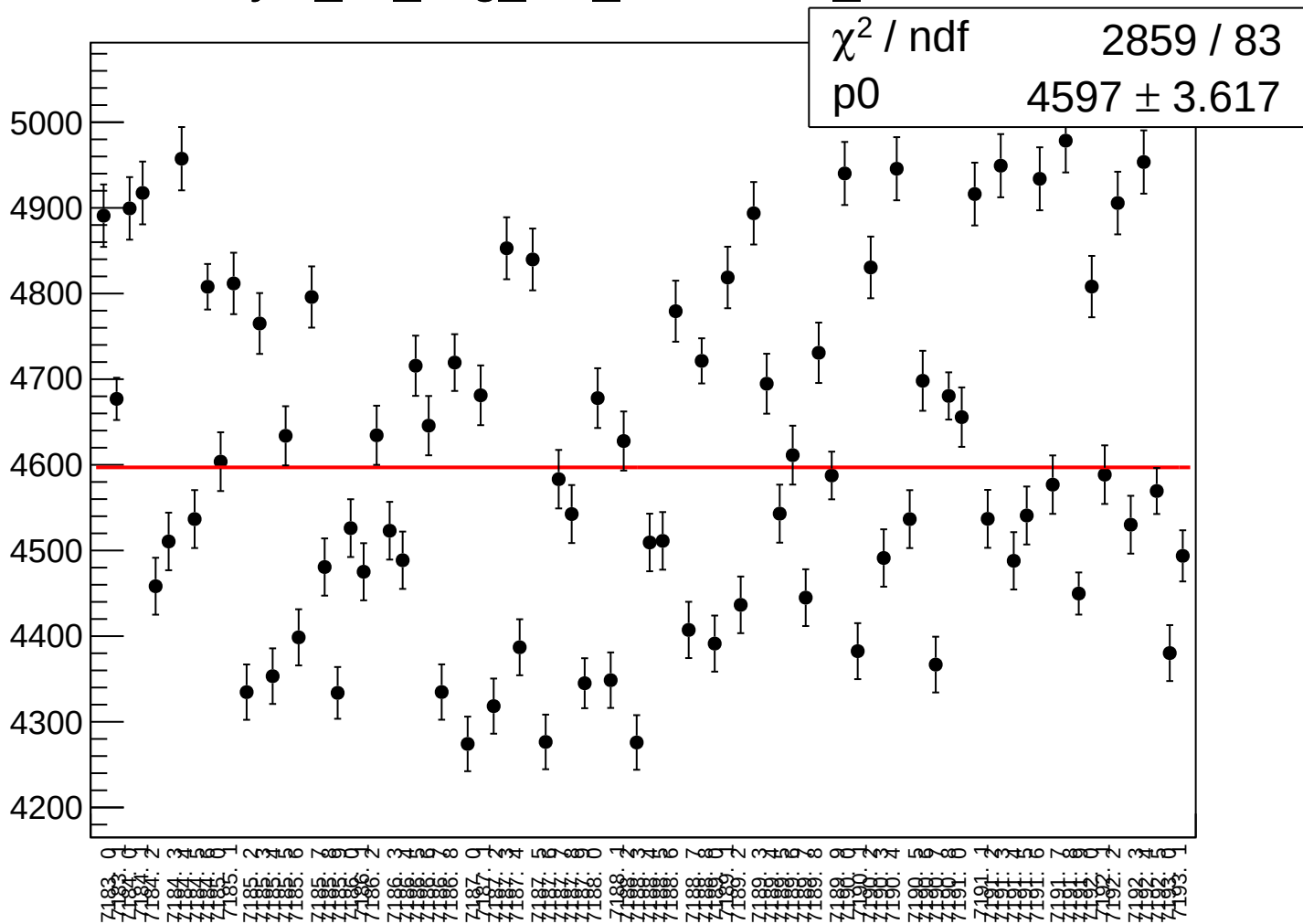
cor_asym_atl_avg_rms vs run



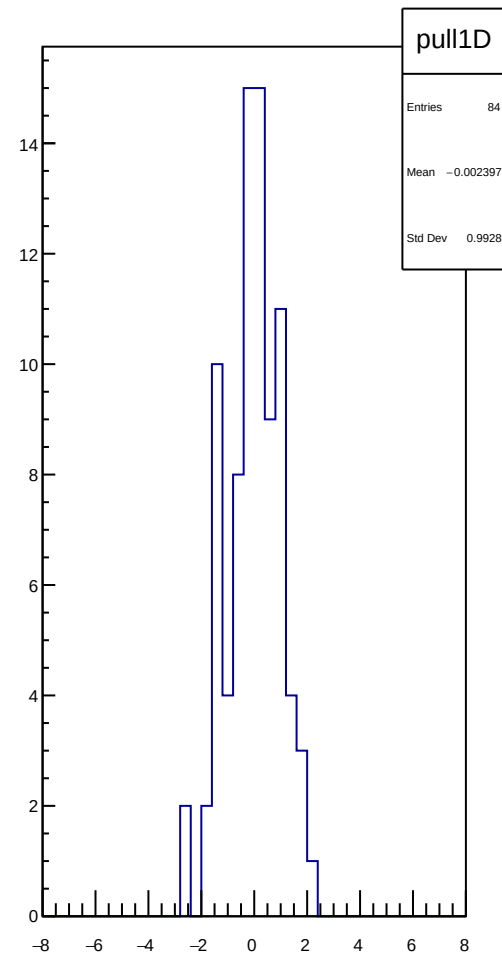
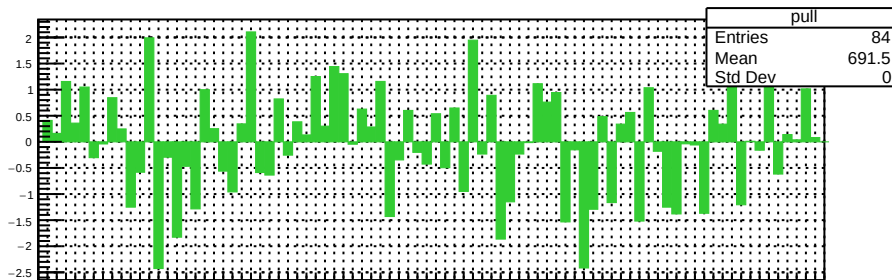
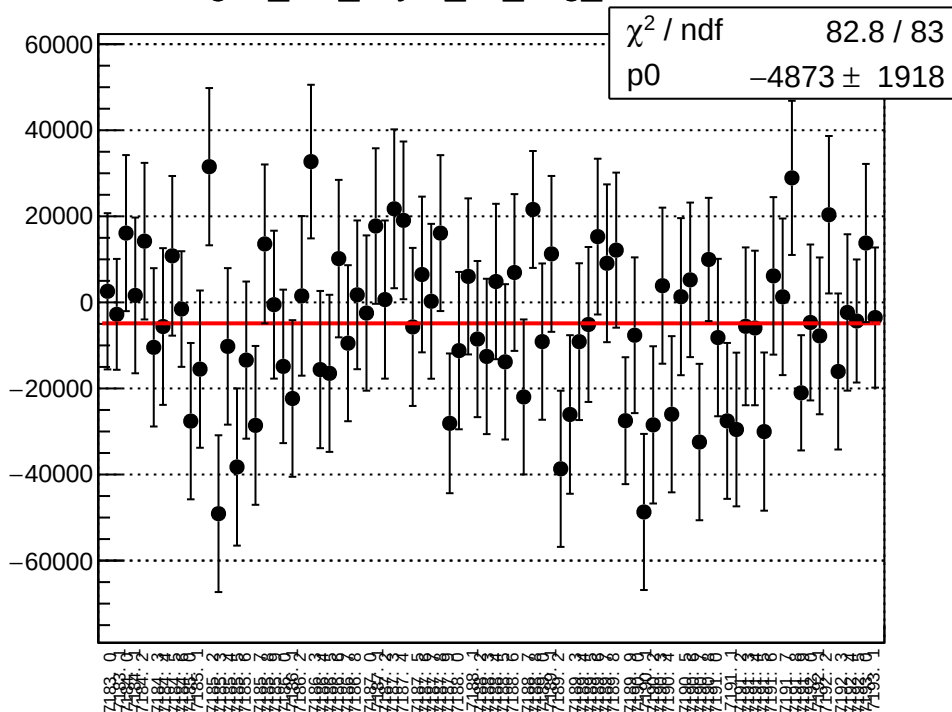
asym_atl_avg_cor_correction_mean vs run



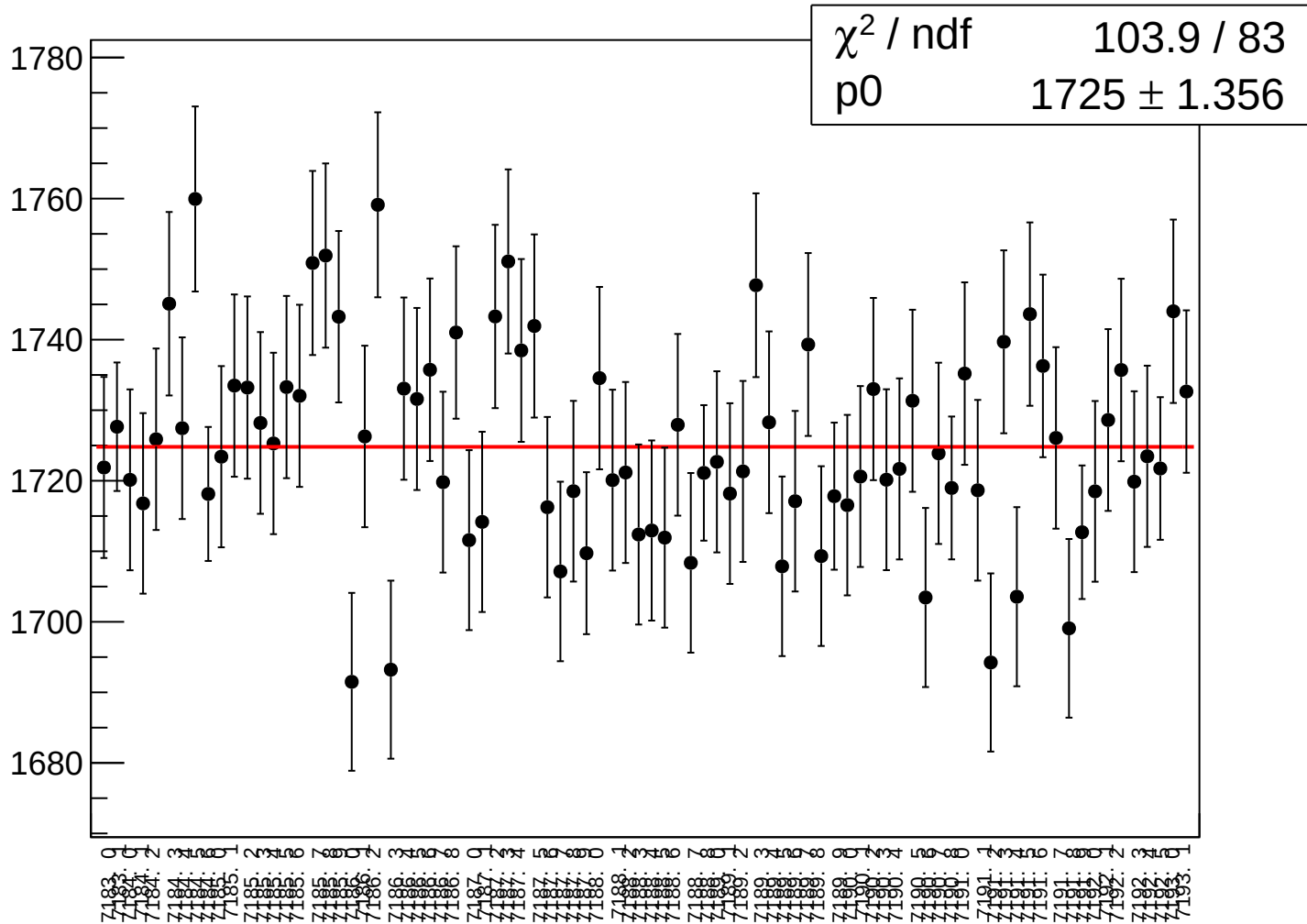
asym_atl_avg_cor_correction_rms vs run



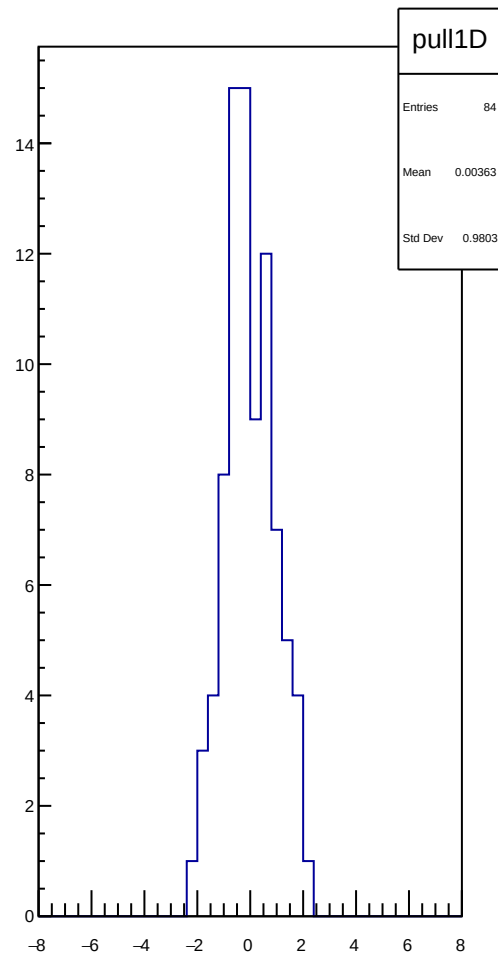
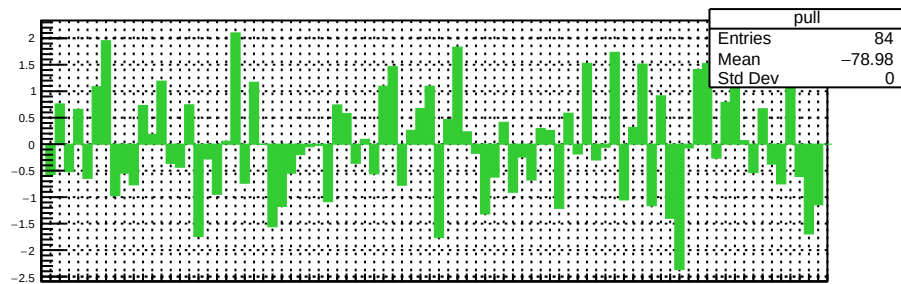
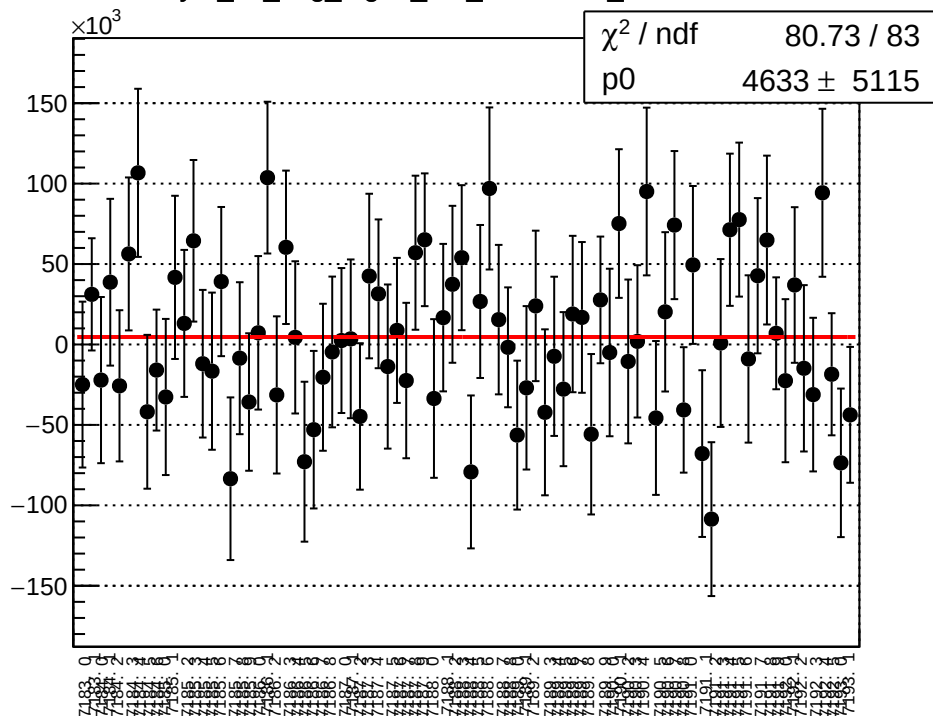
eigen_cor_asym_atl_avg_mean vs run



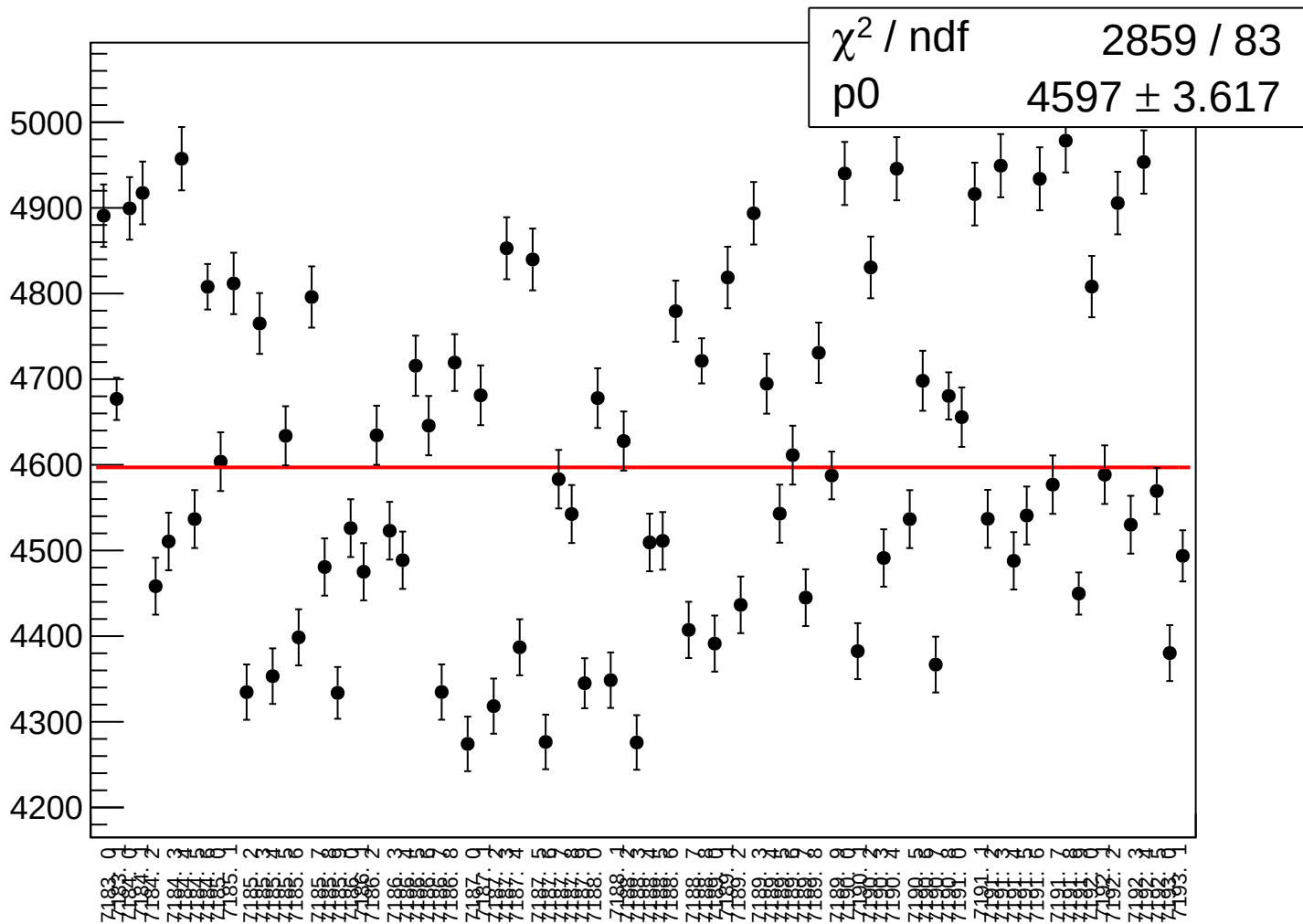
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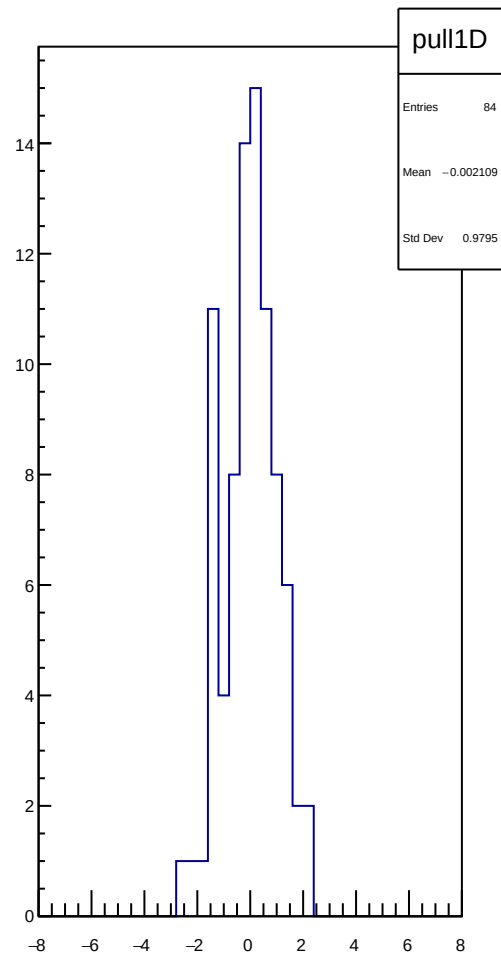
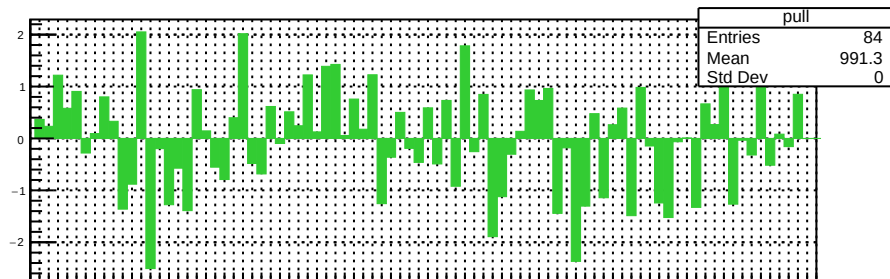
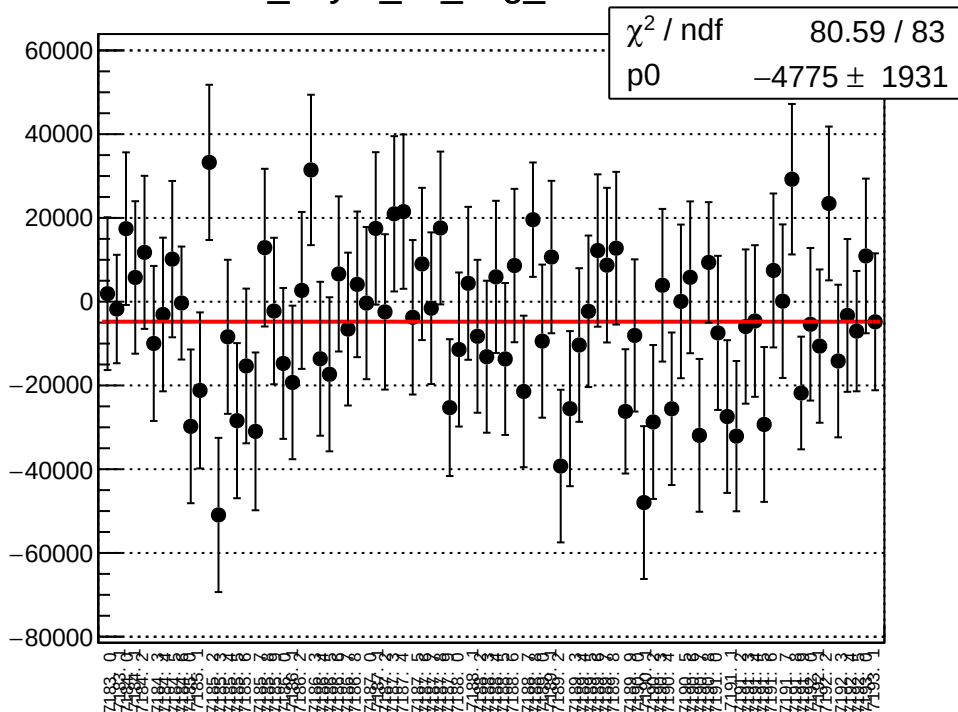
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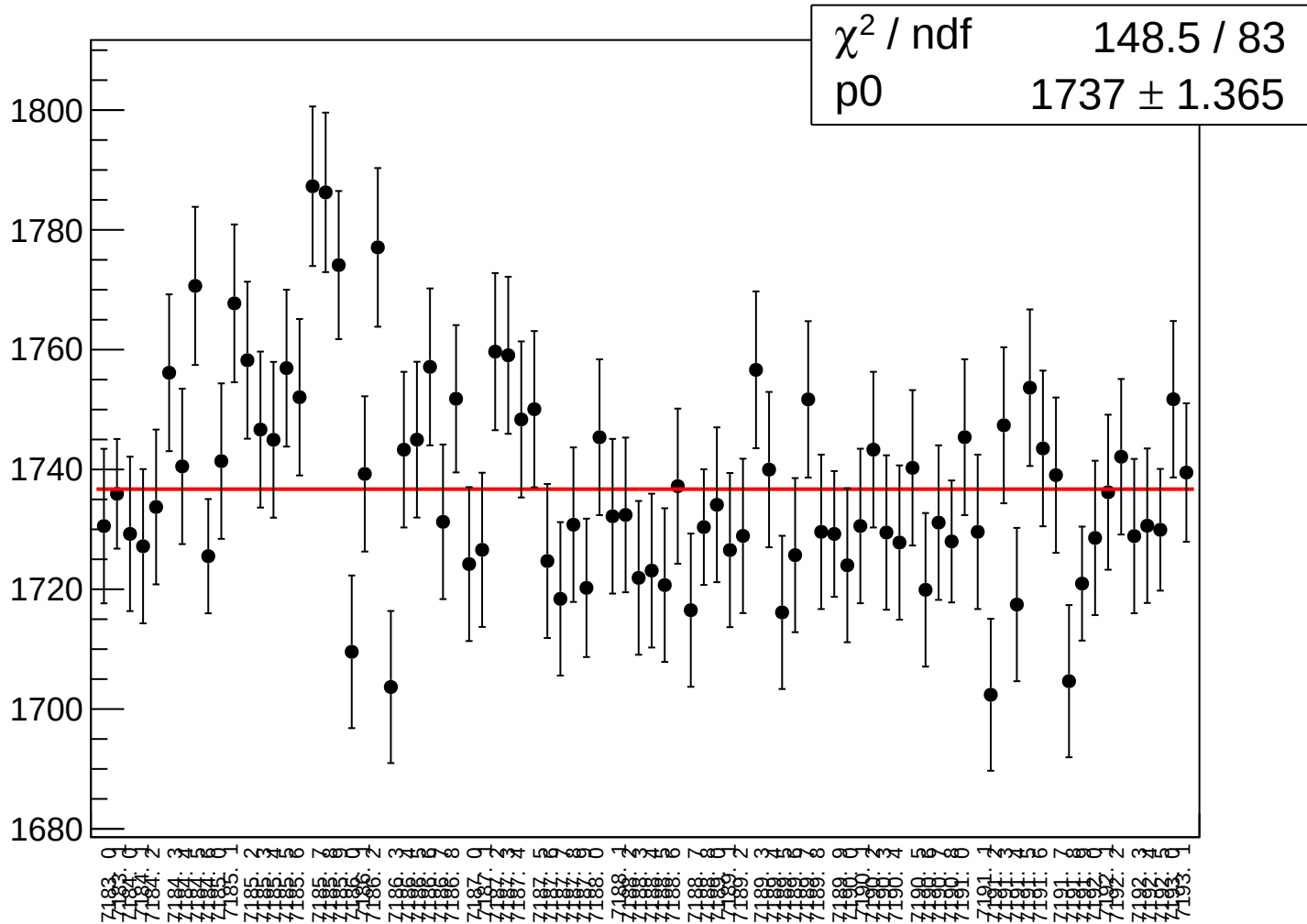
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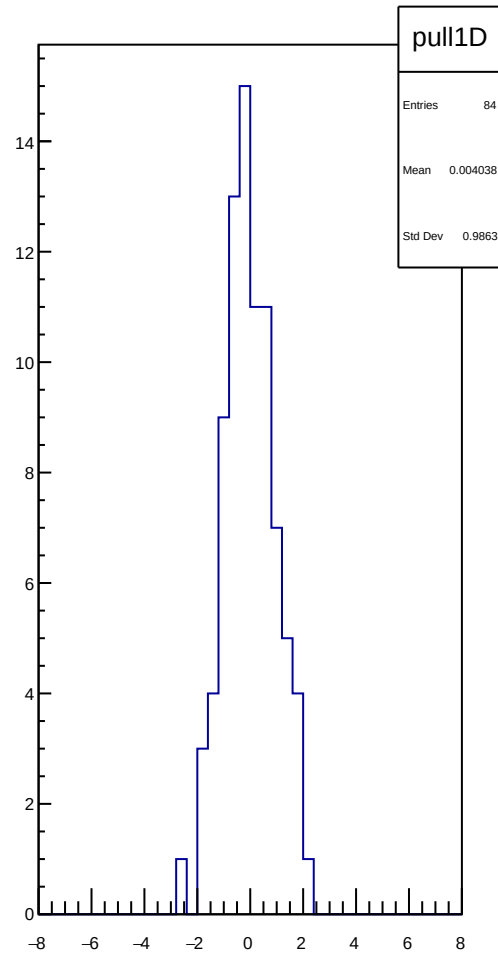
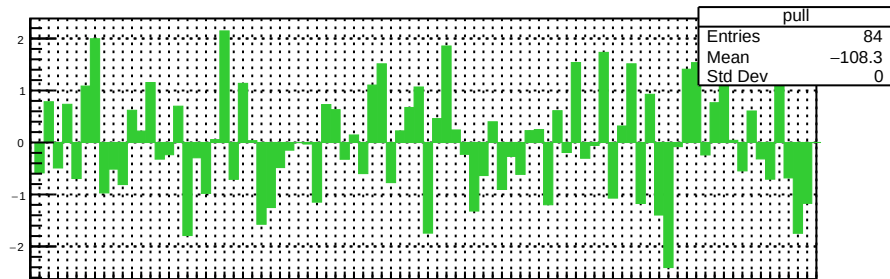
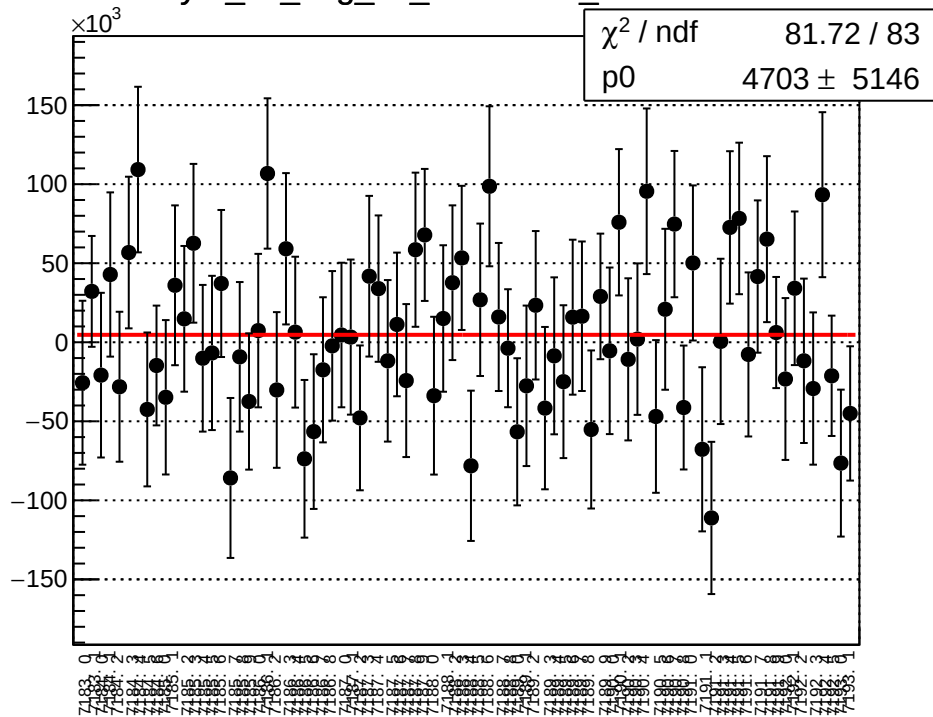
dit_asym_atl_avg_mean vs run



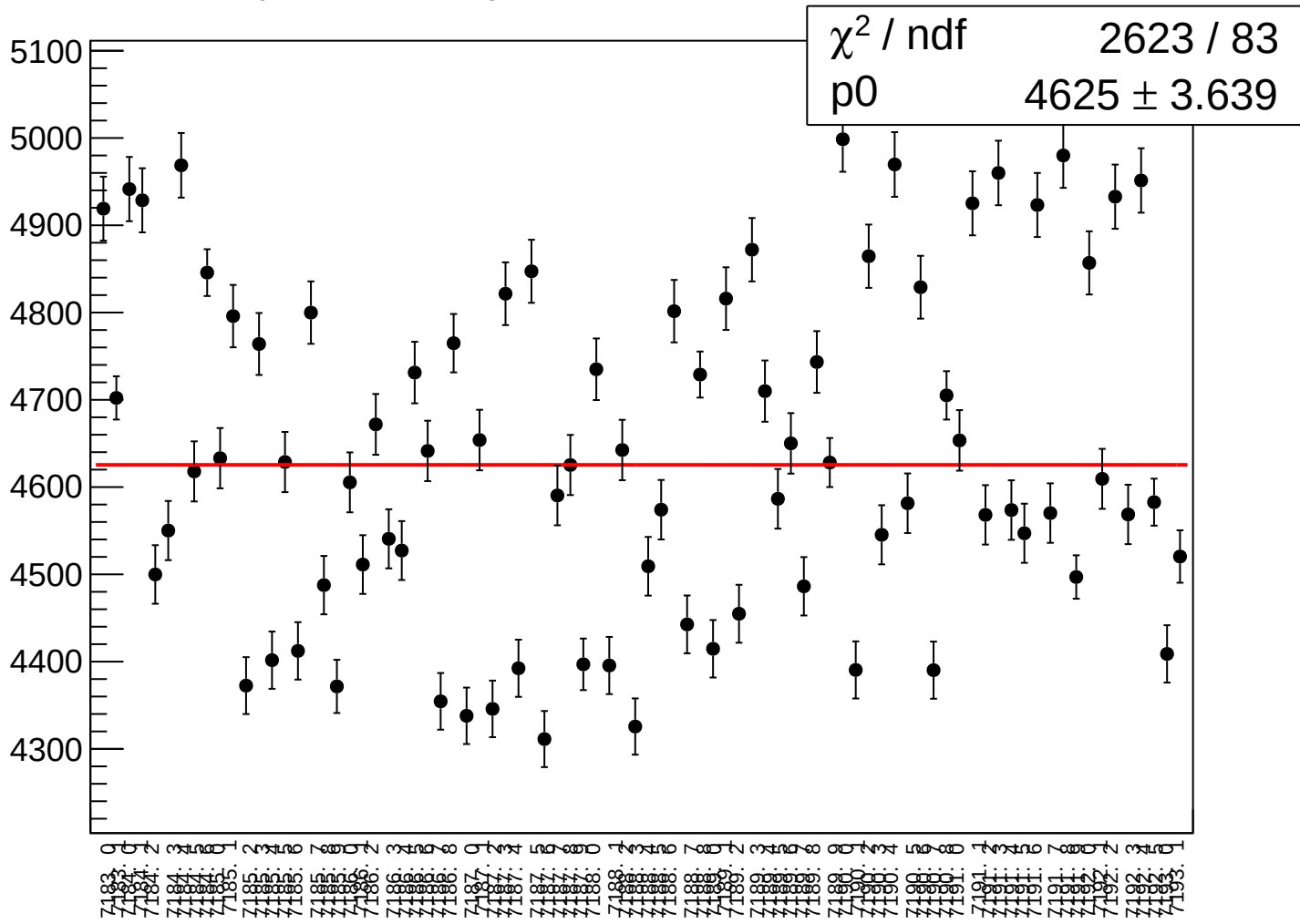
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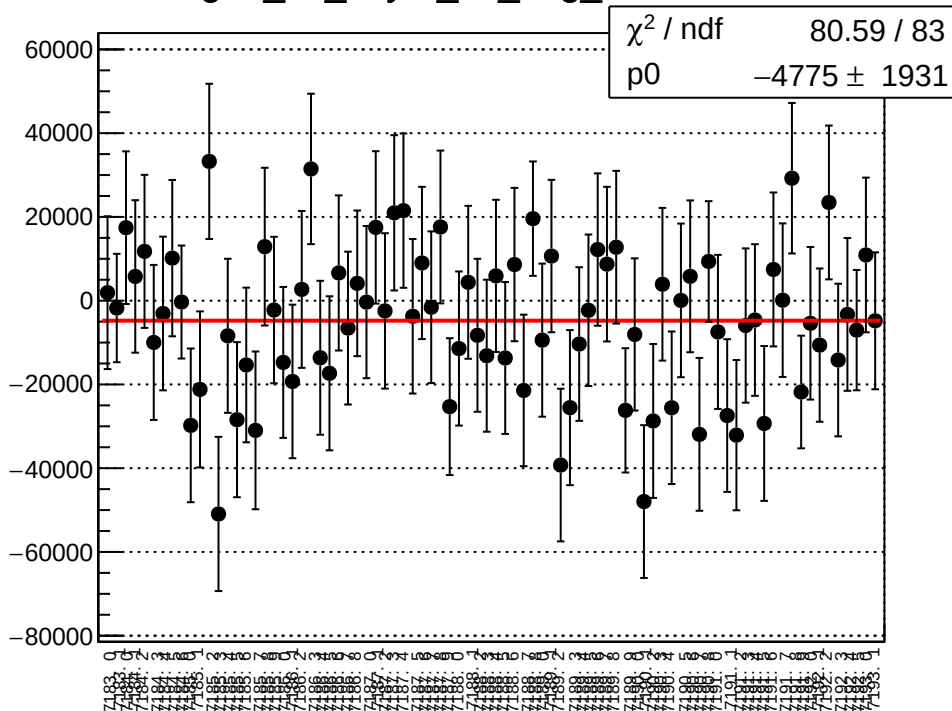
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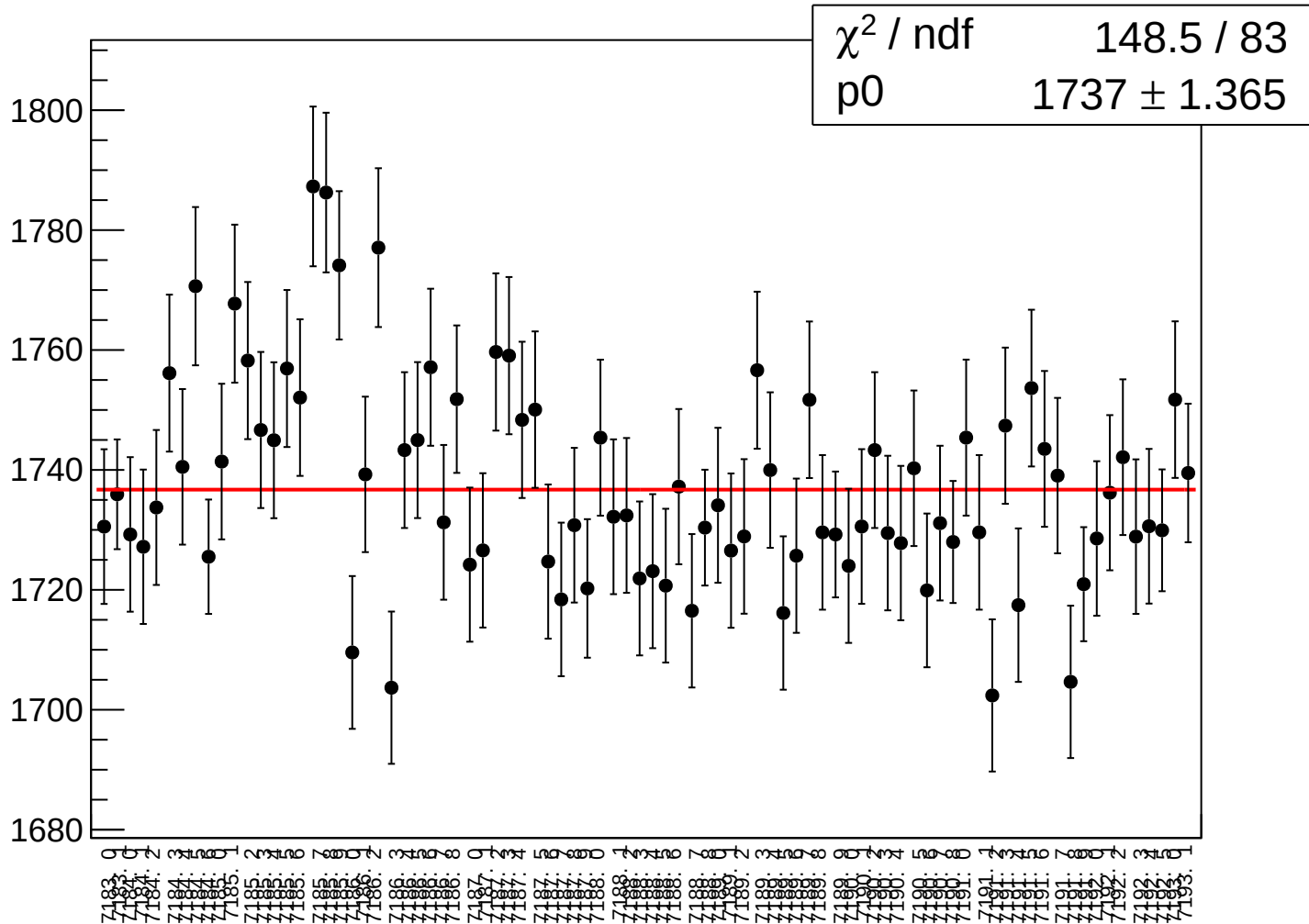
asym_atl_avg_dit_correction_rms vs run



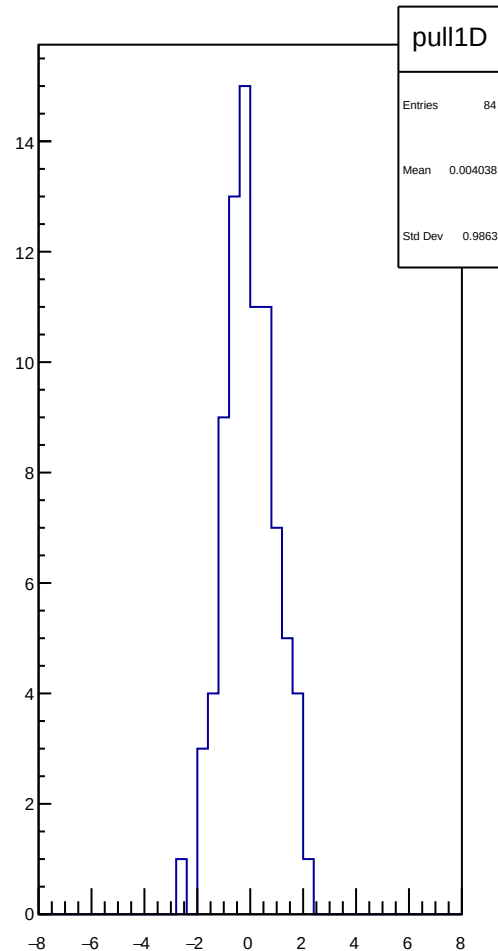
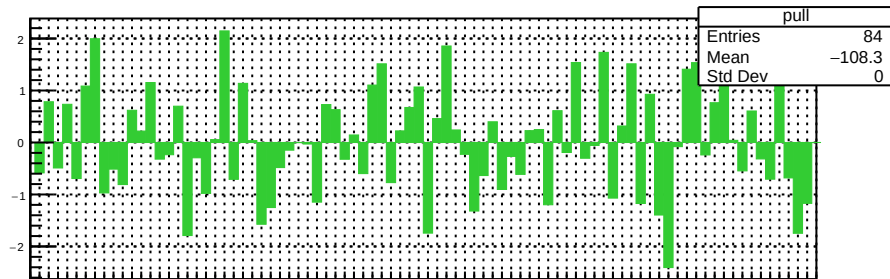
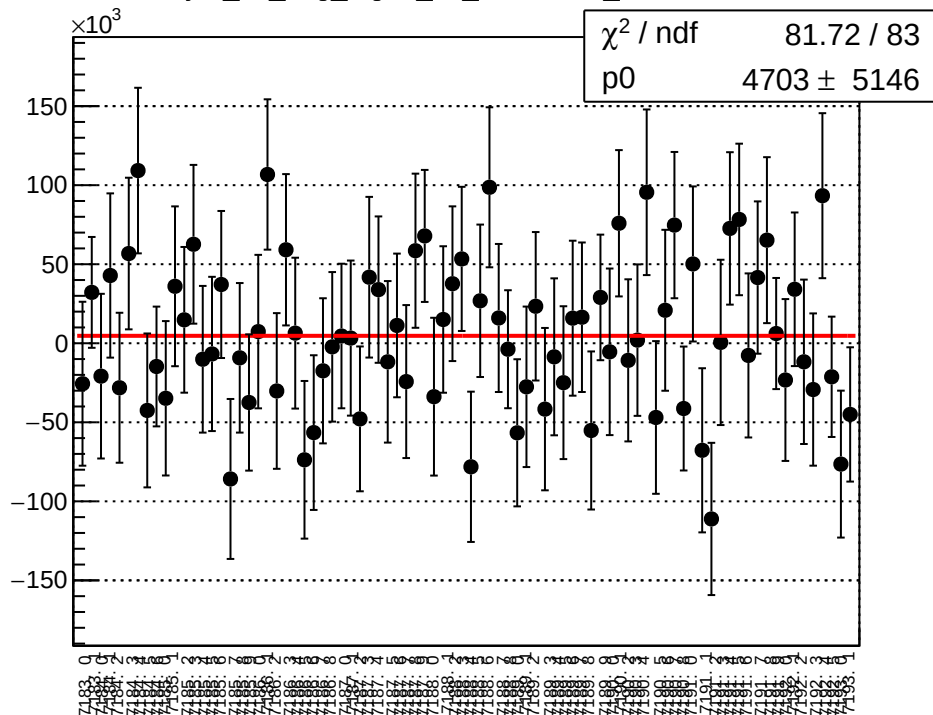
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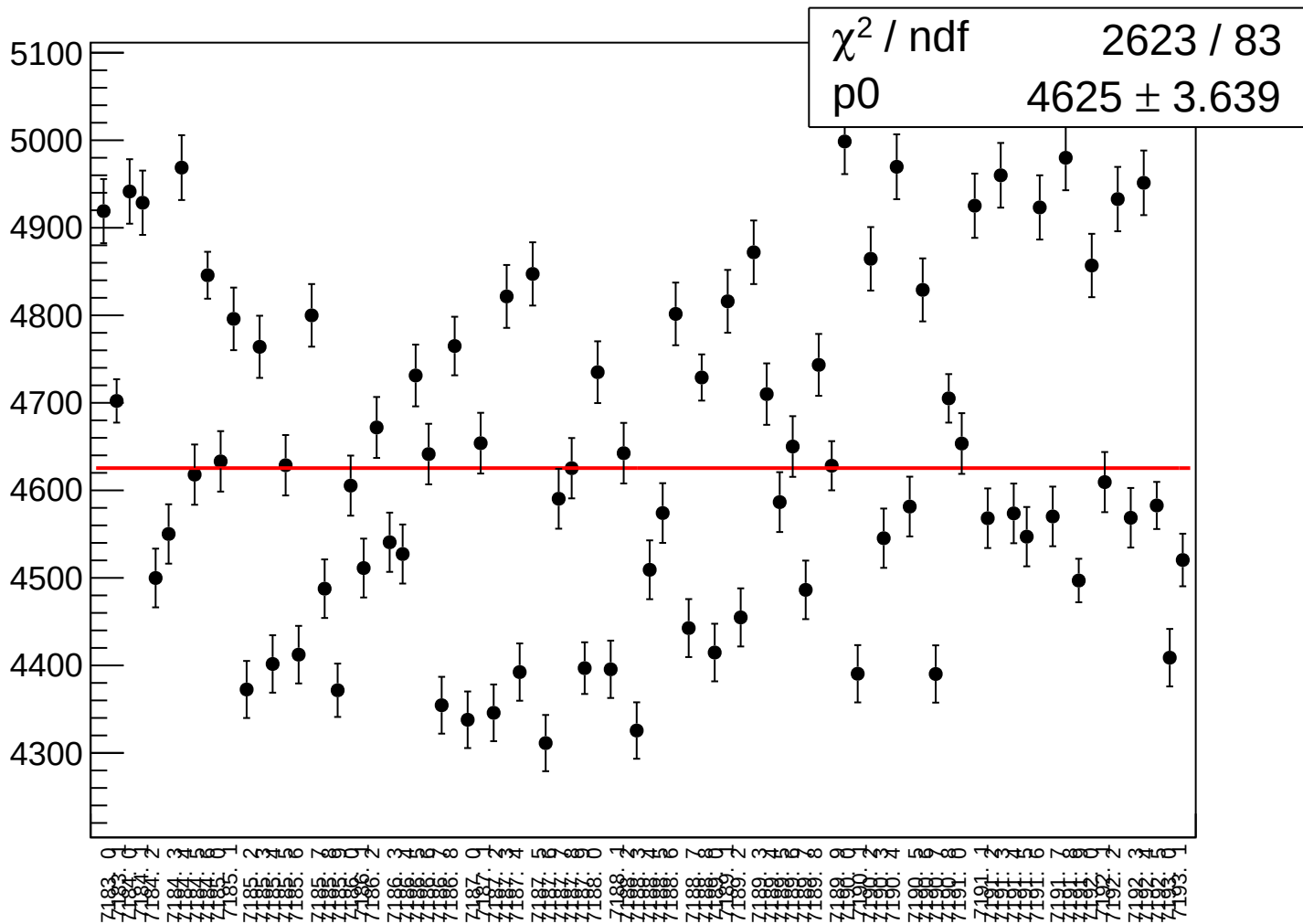
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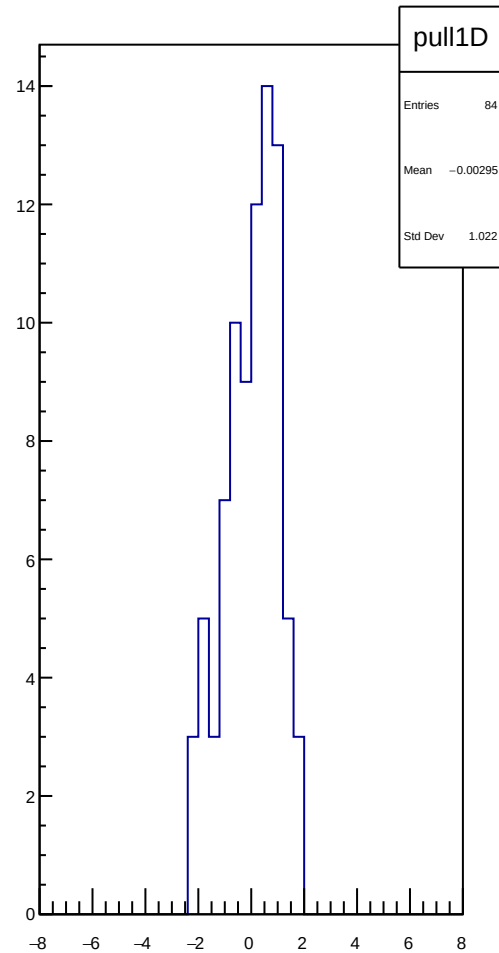
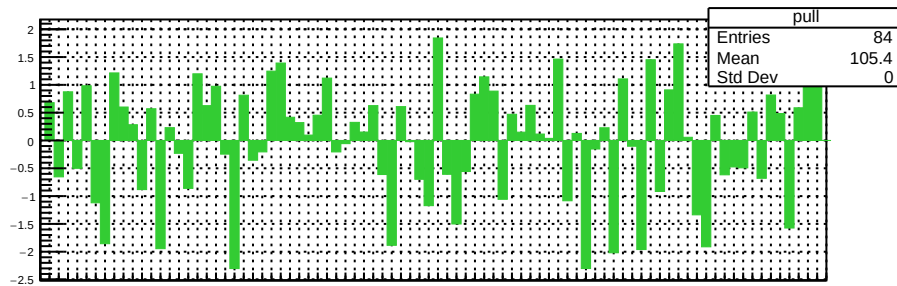
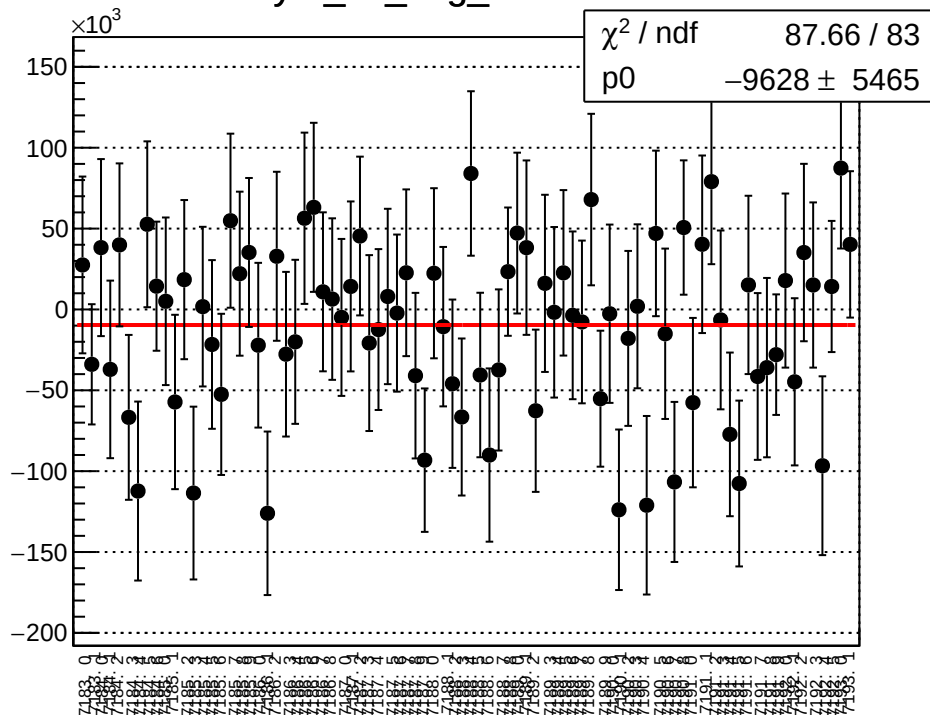
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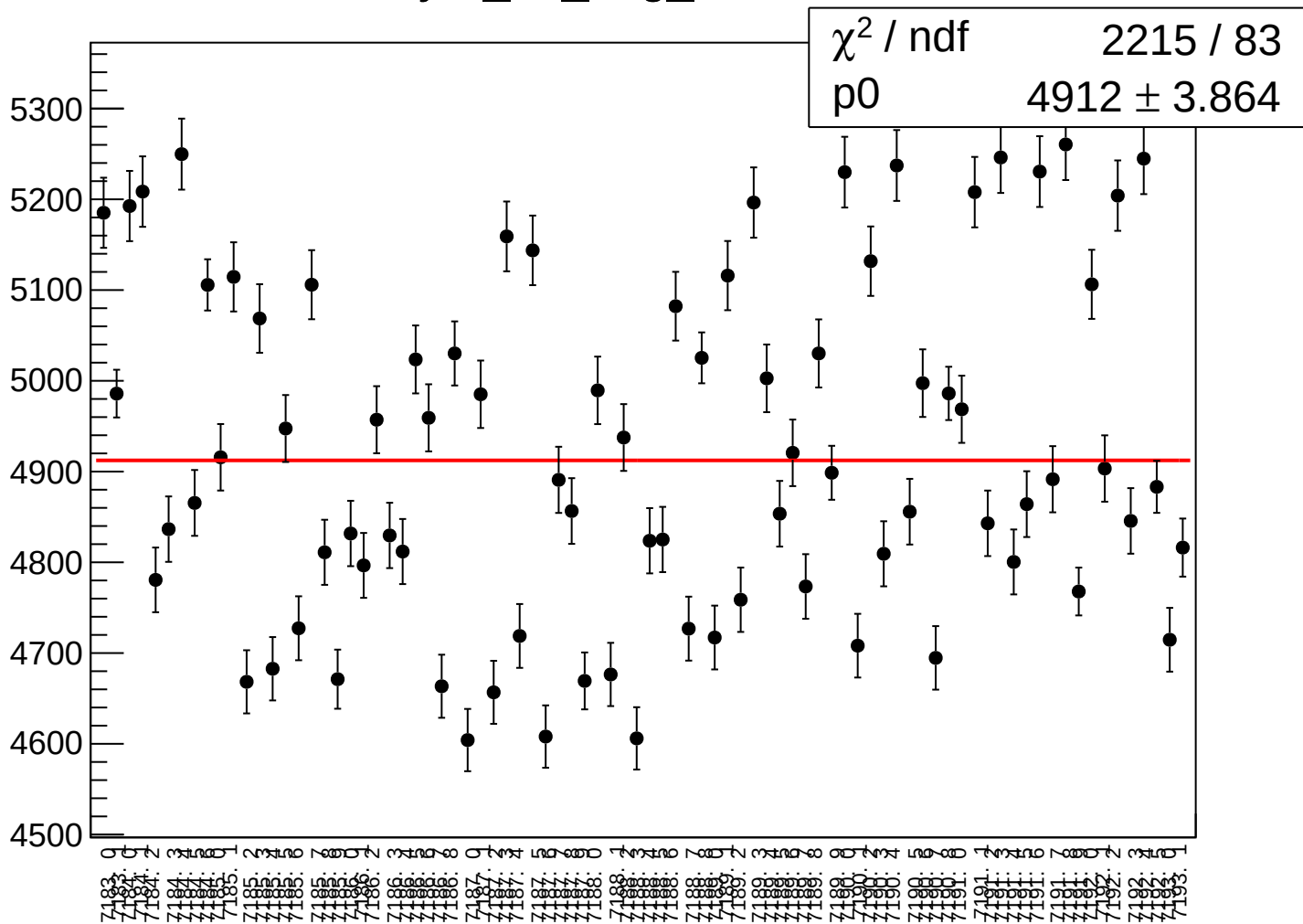
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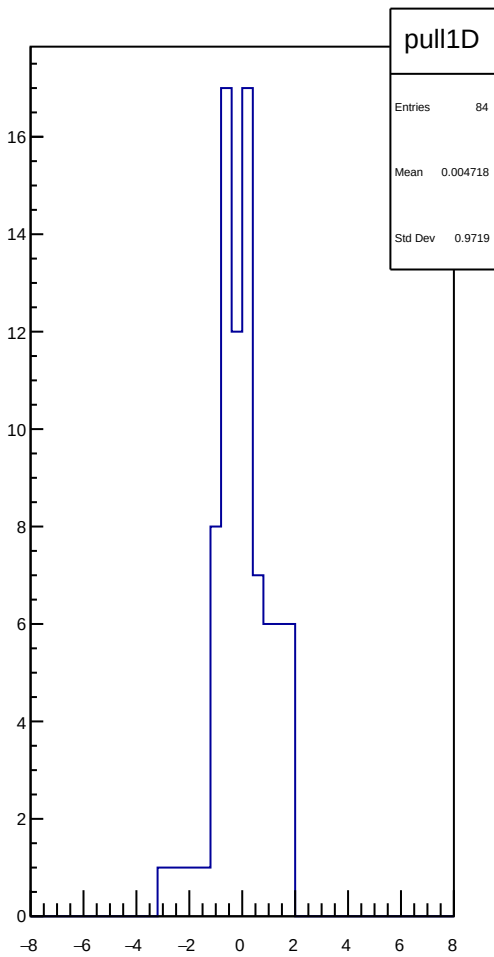
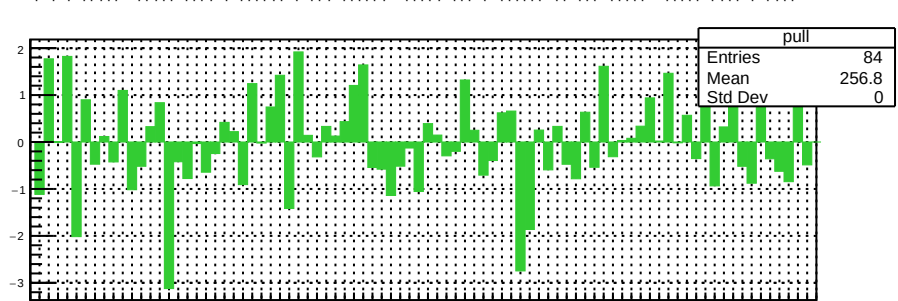
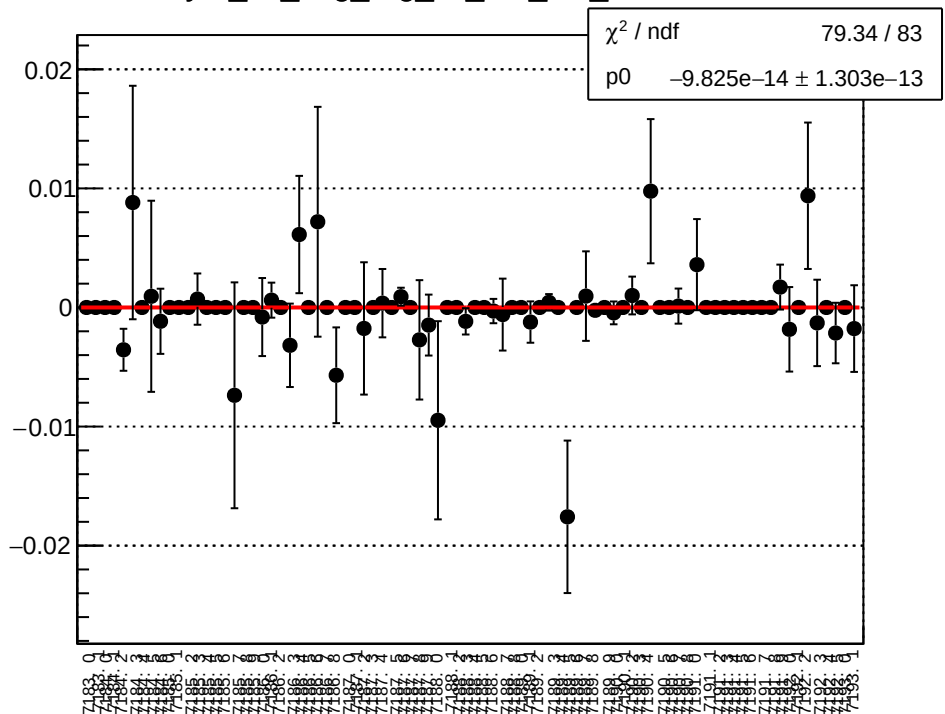
asym_atl_avg_mean vs run



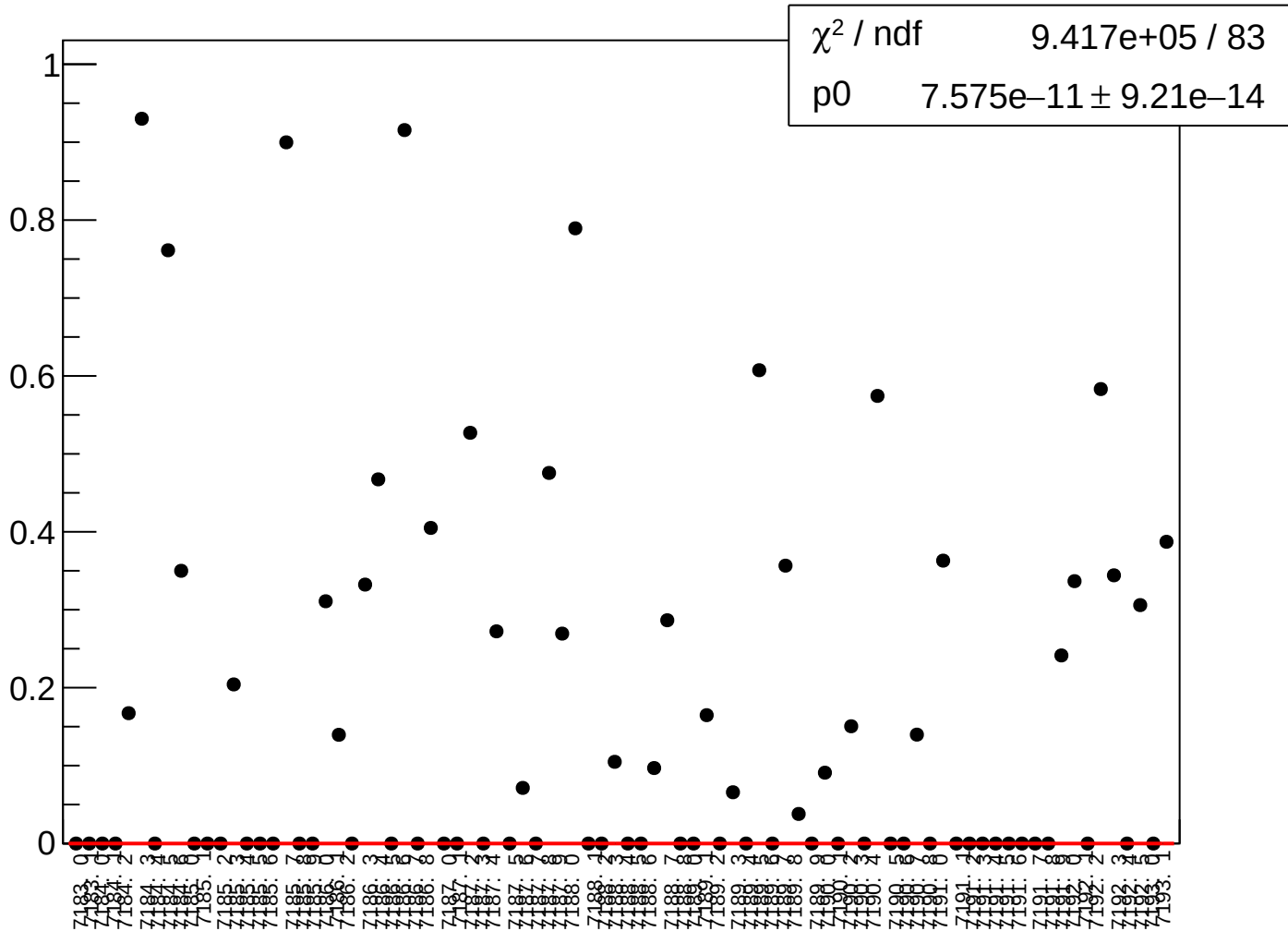
asym_atl_avg_rms vs run



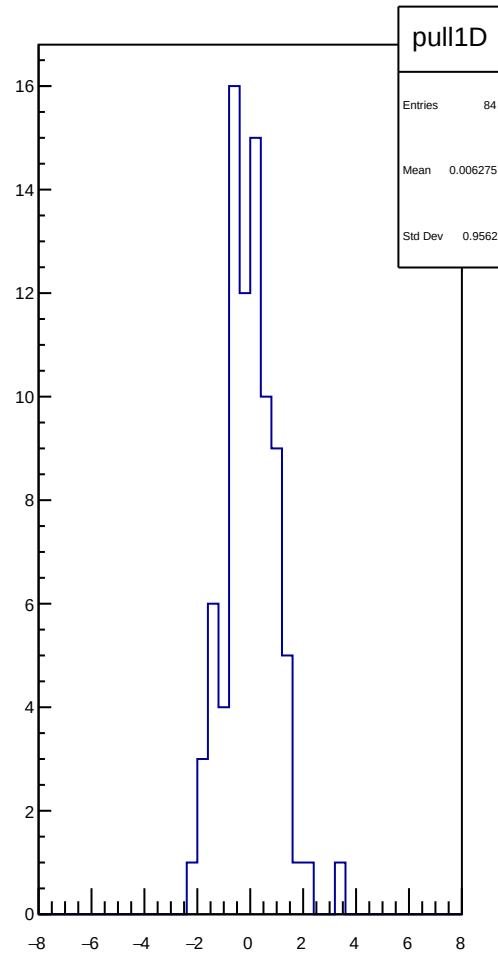
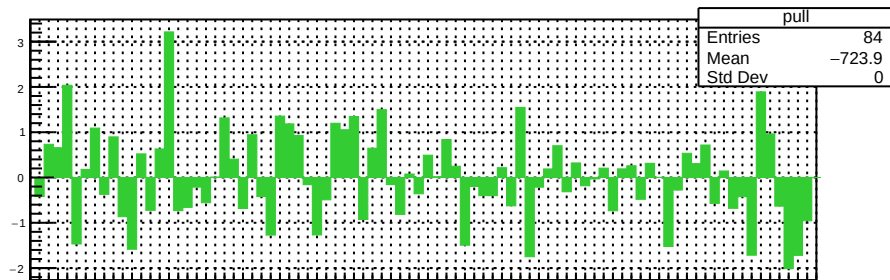
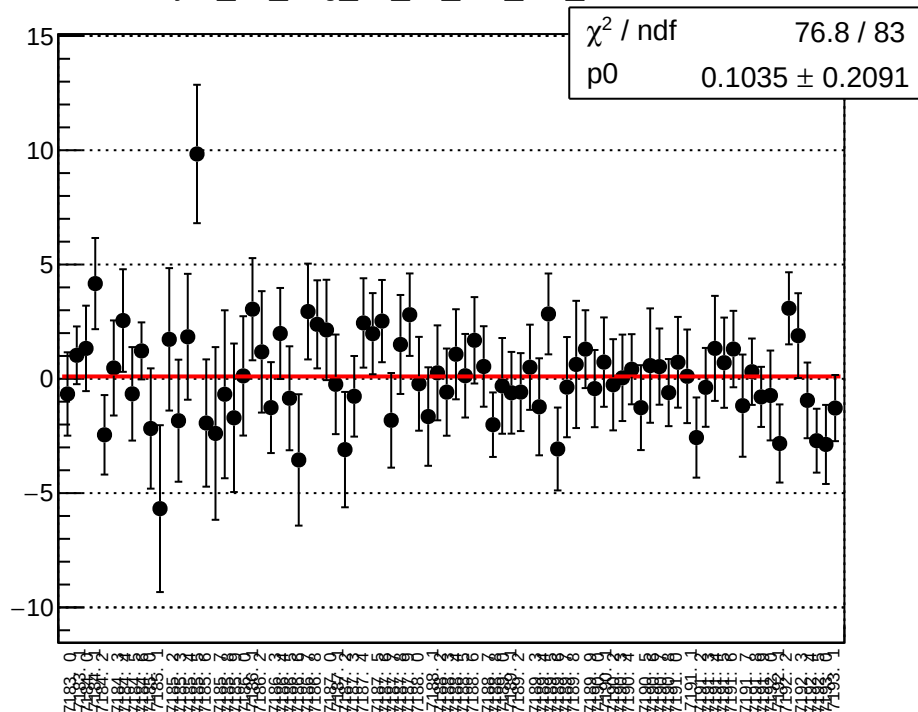
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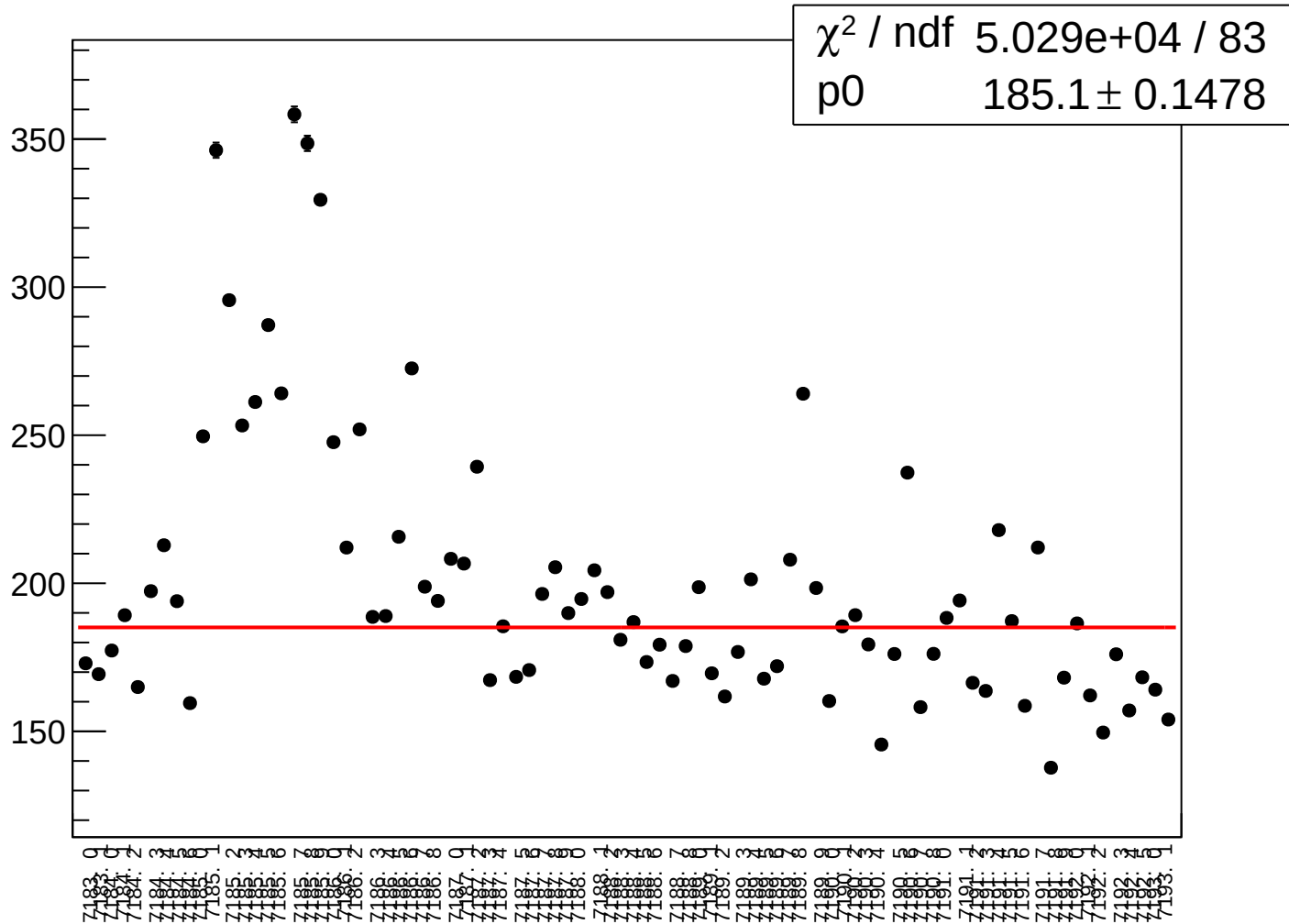
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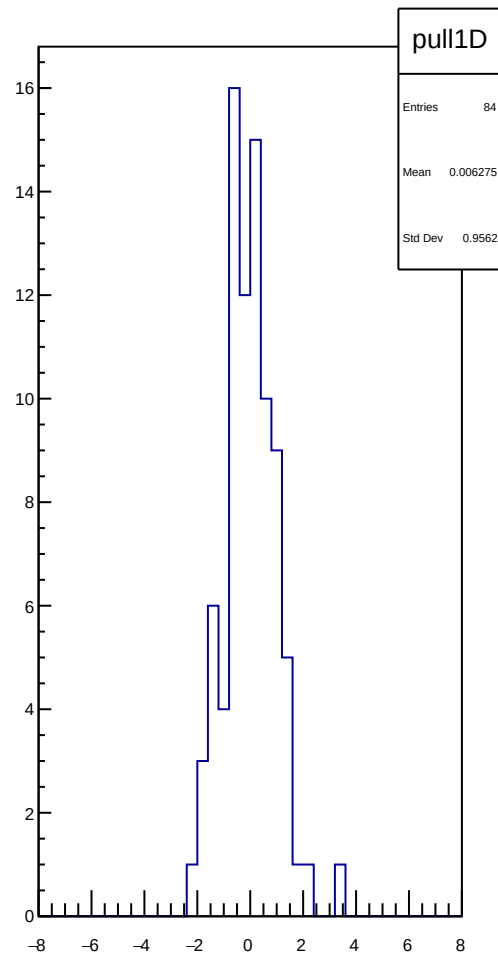
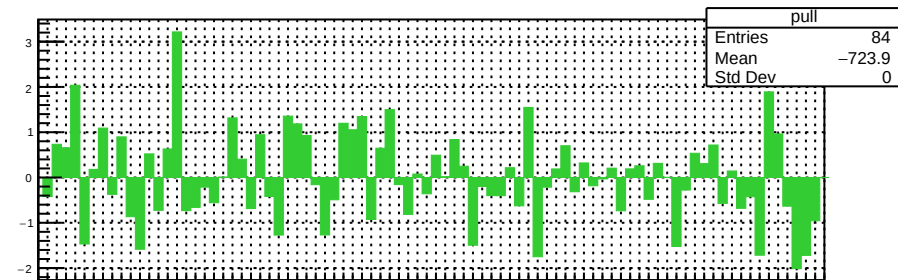
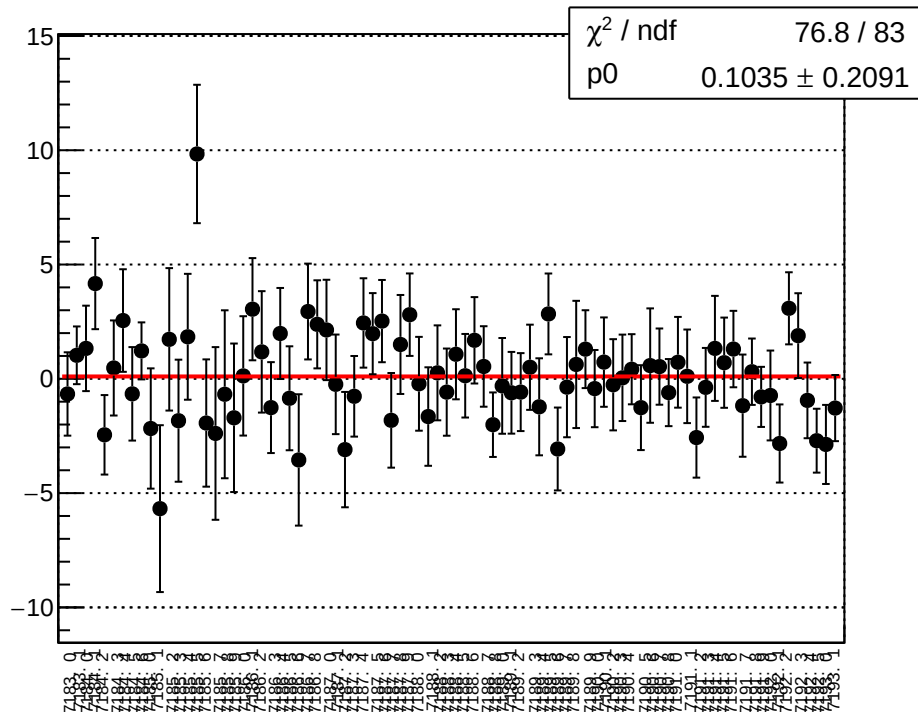
asym_atl_avg_dit_vs_cor_diff_mean vs run



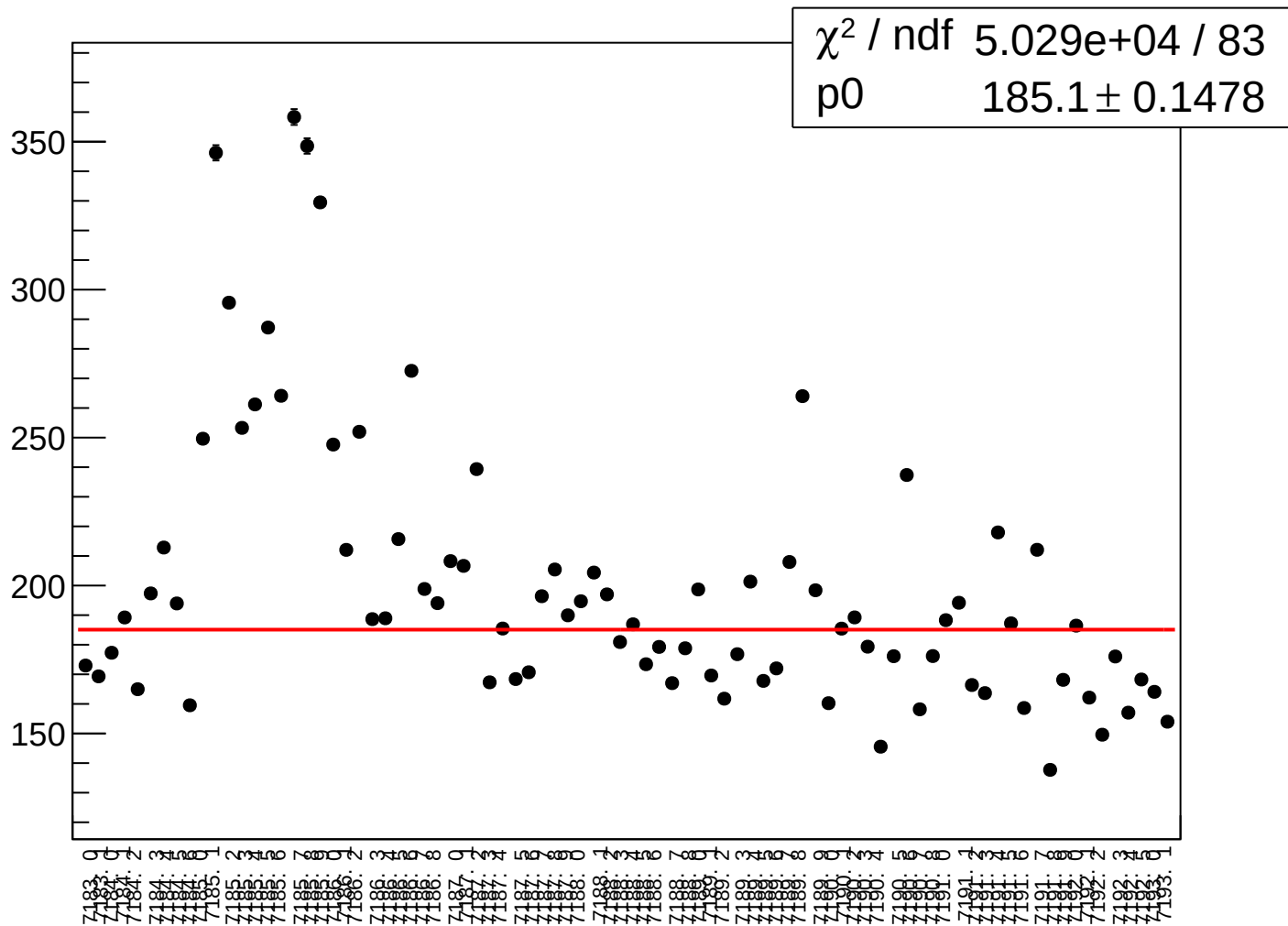
asym_atl_avg_dit_vs_cor_diff_rms vs run



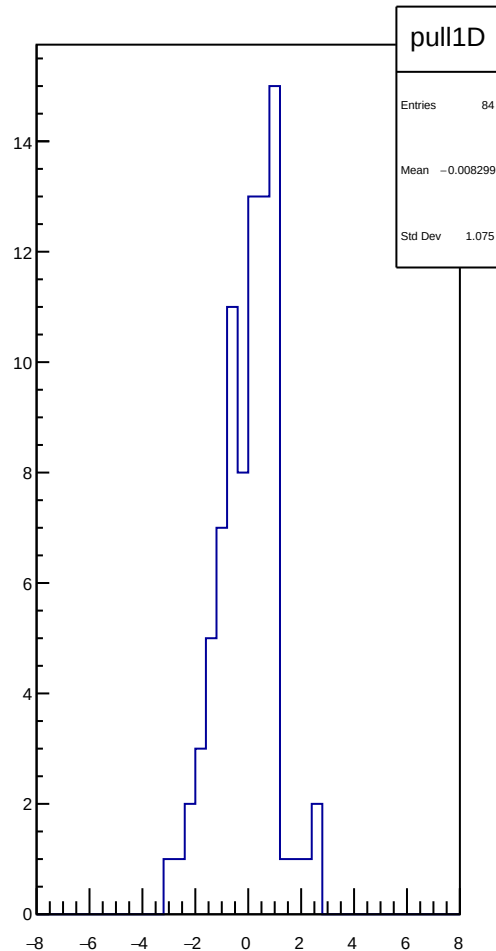
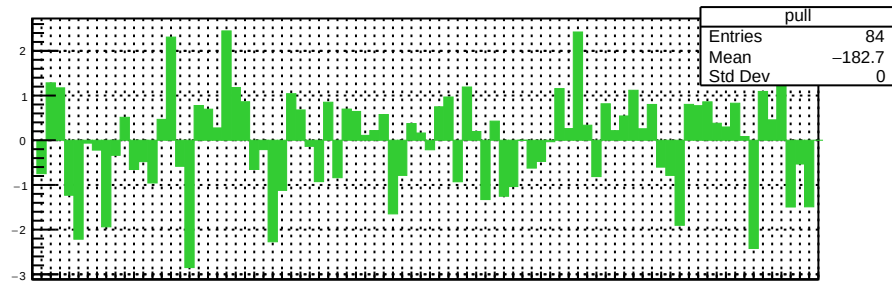
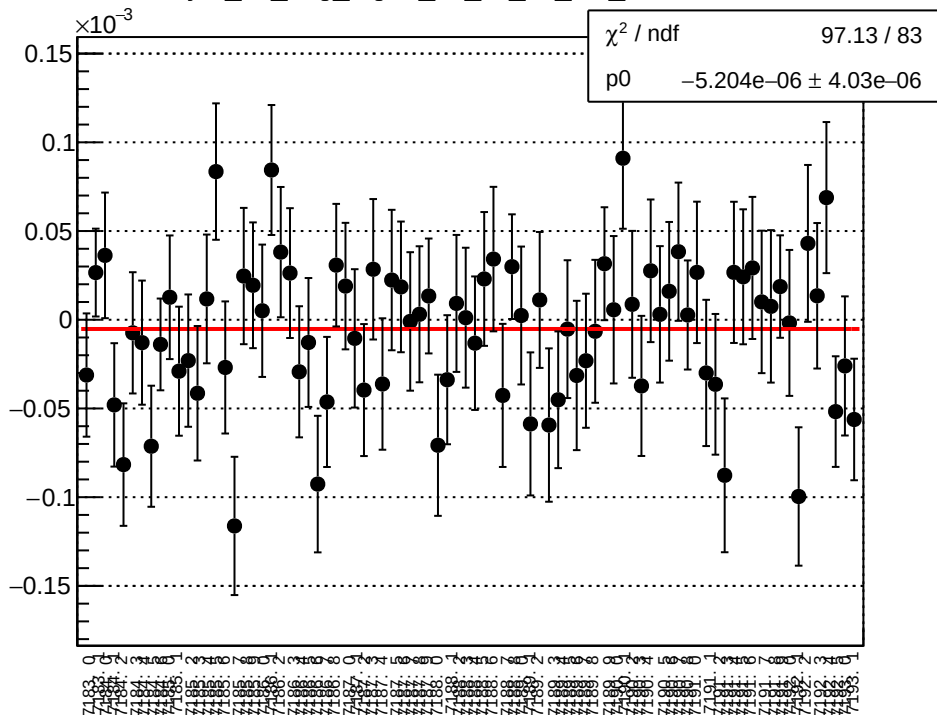
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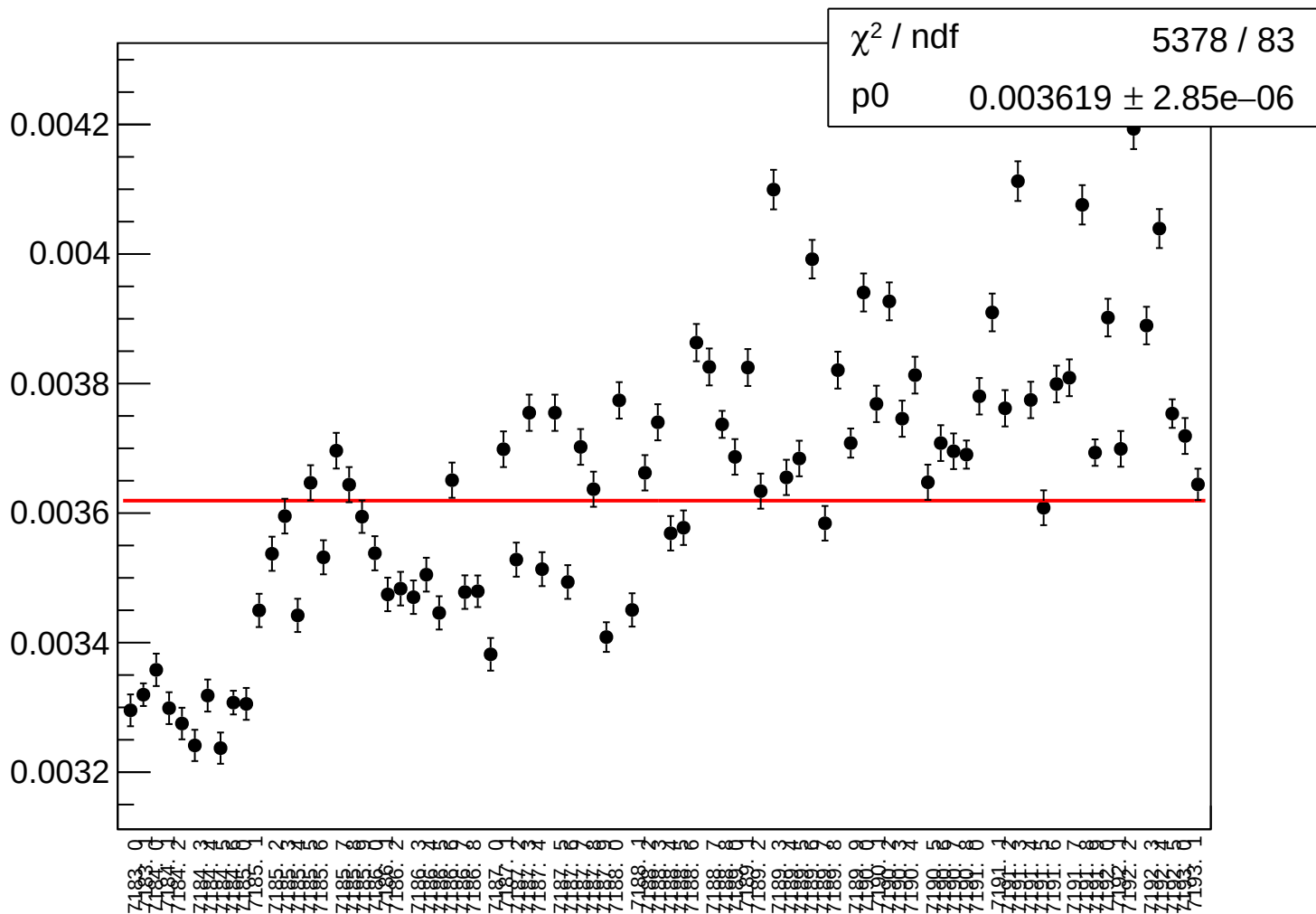
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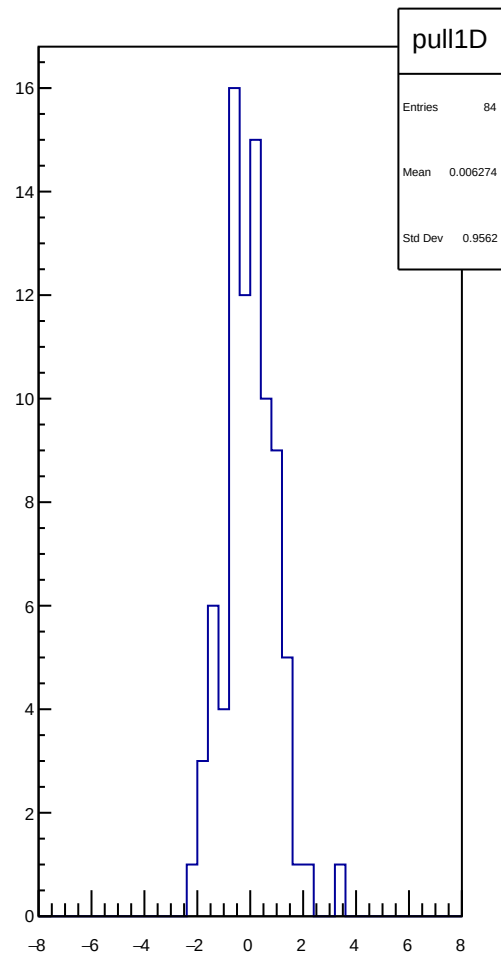
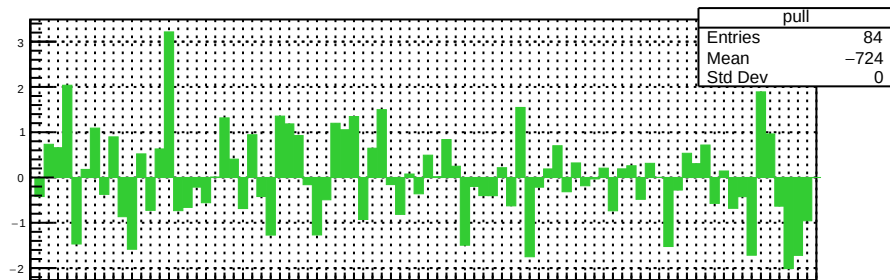
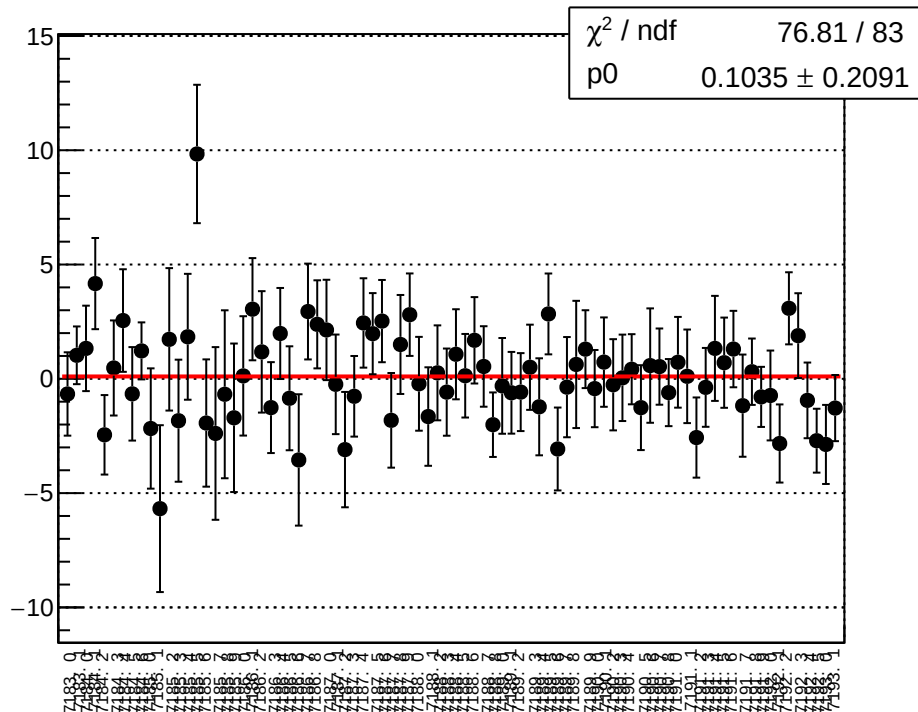
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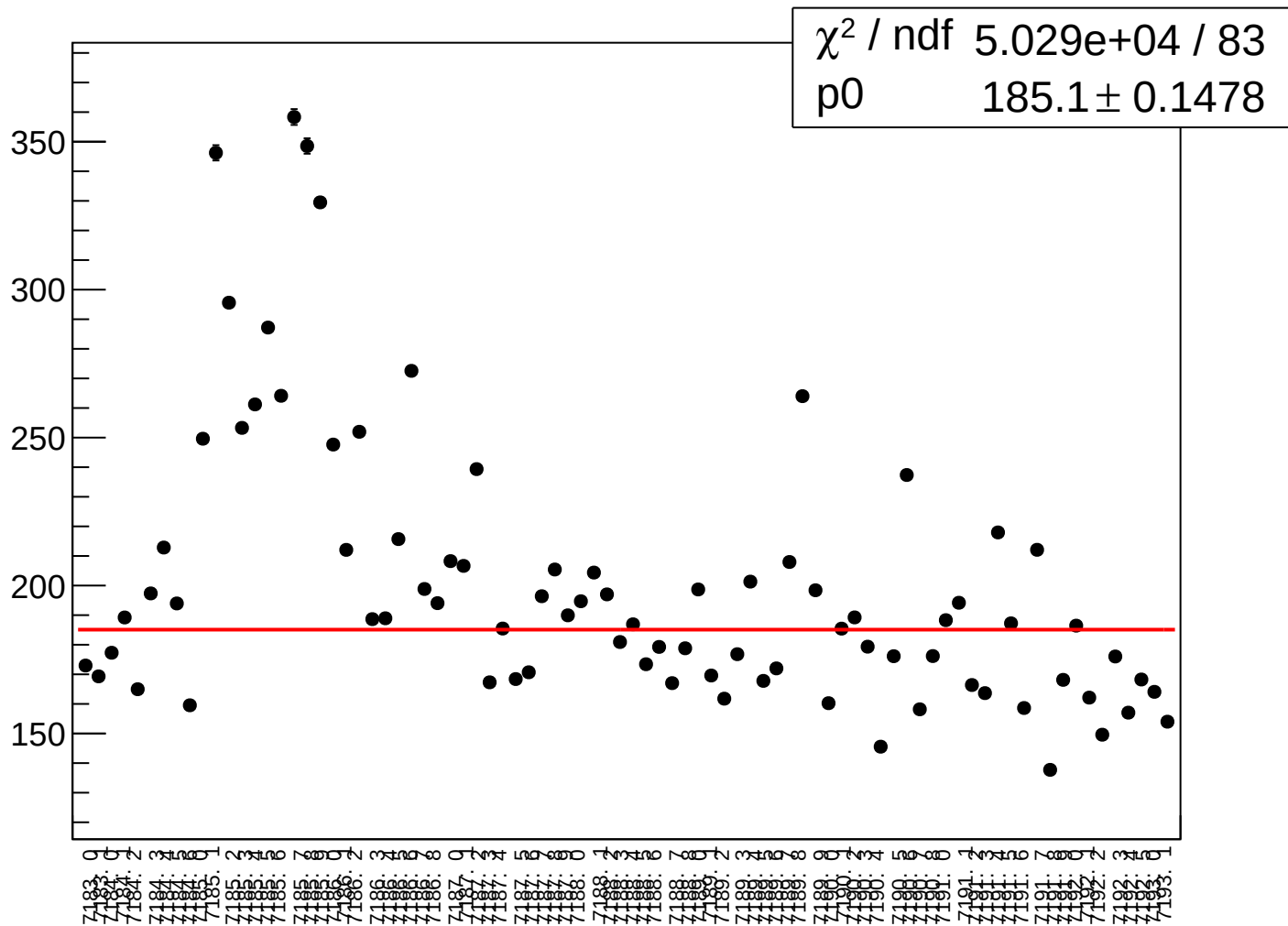
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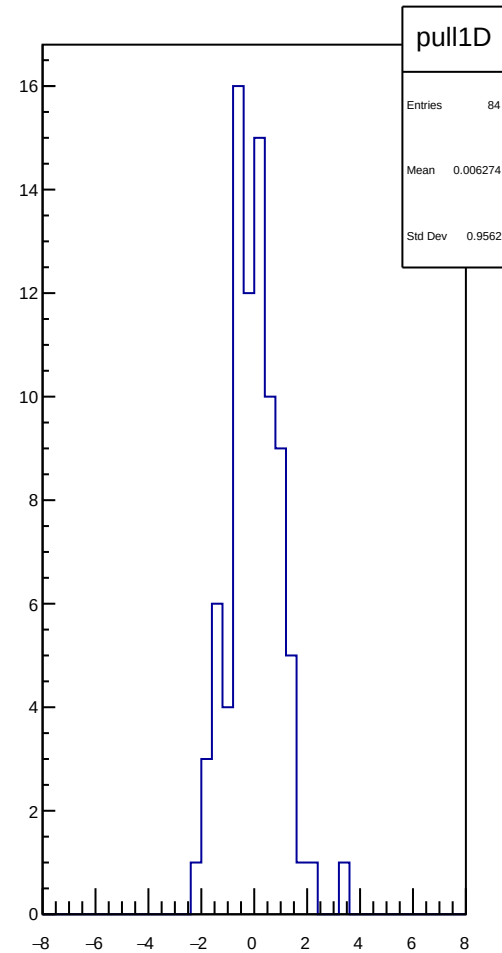
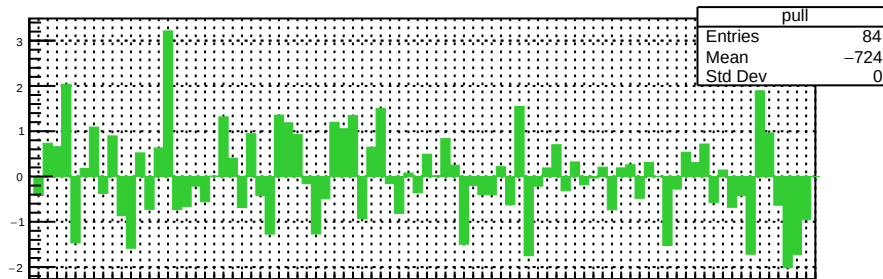
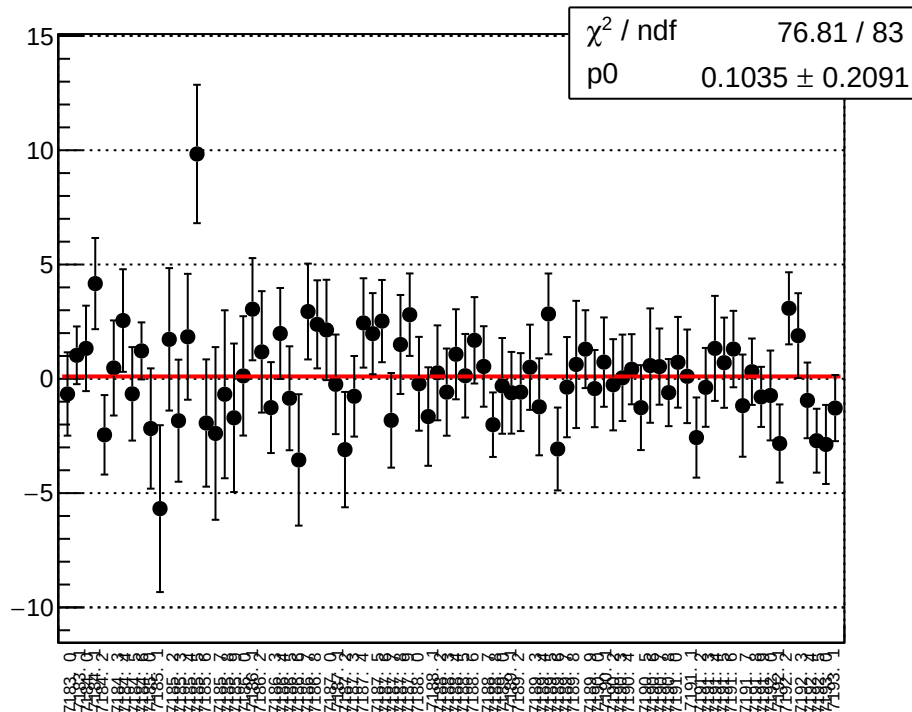
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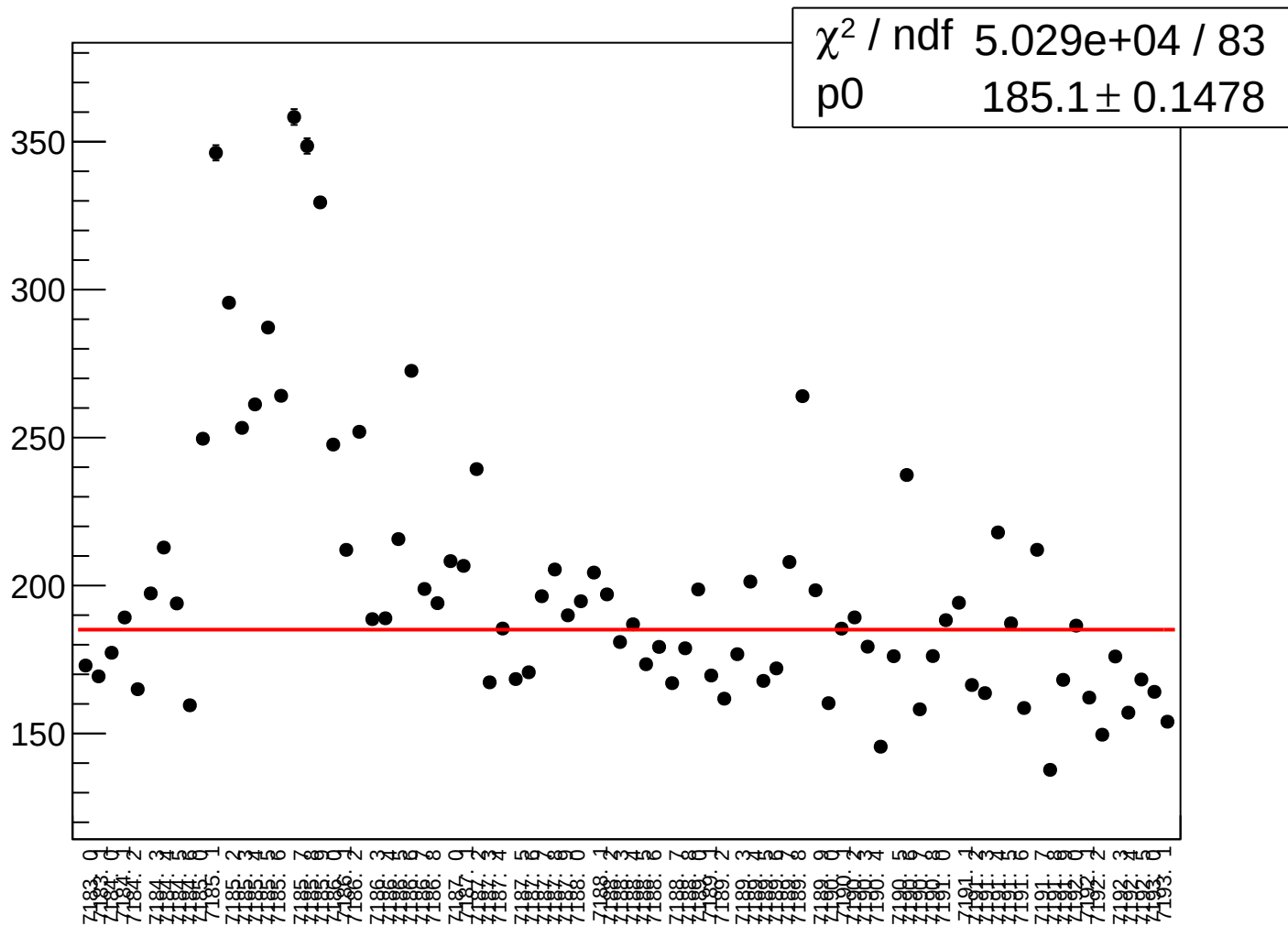
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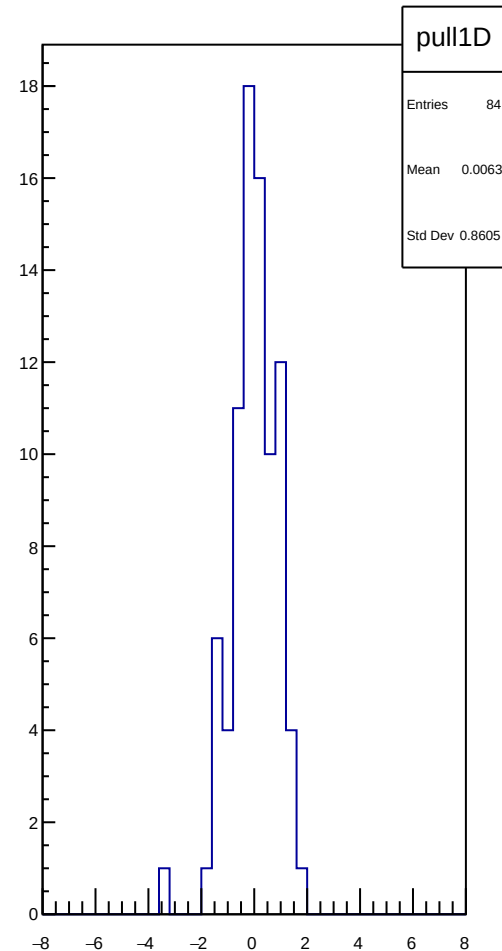
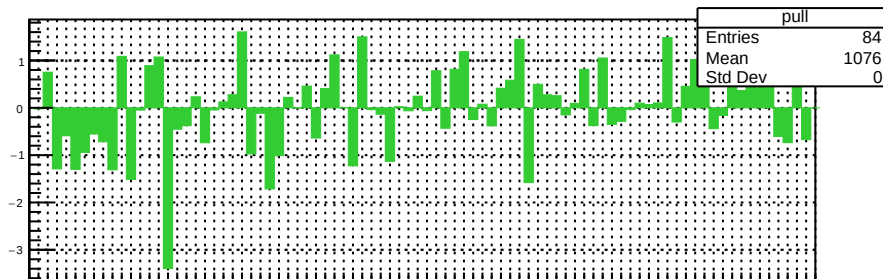
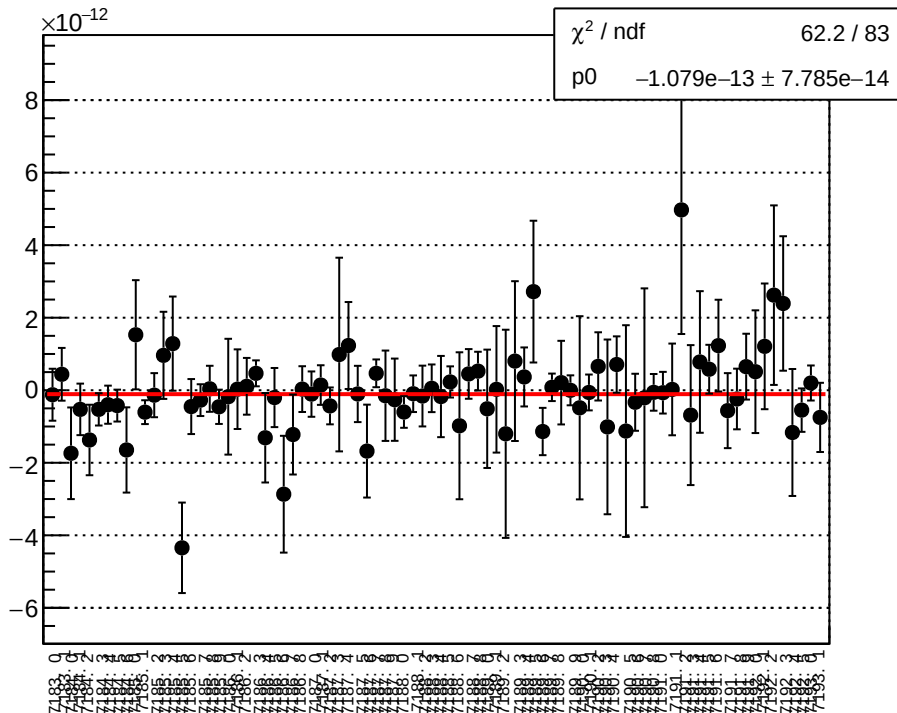
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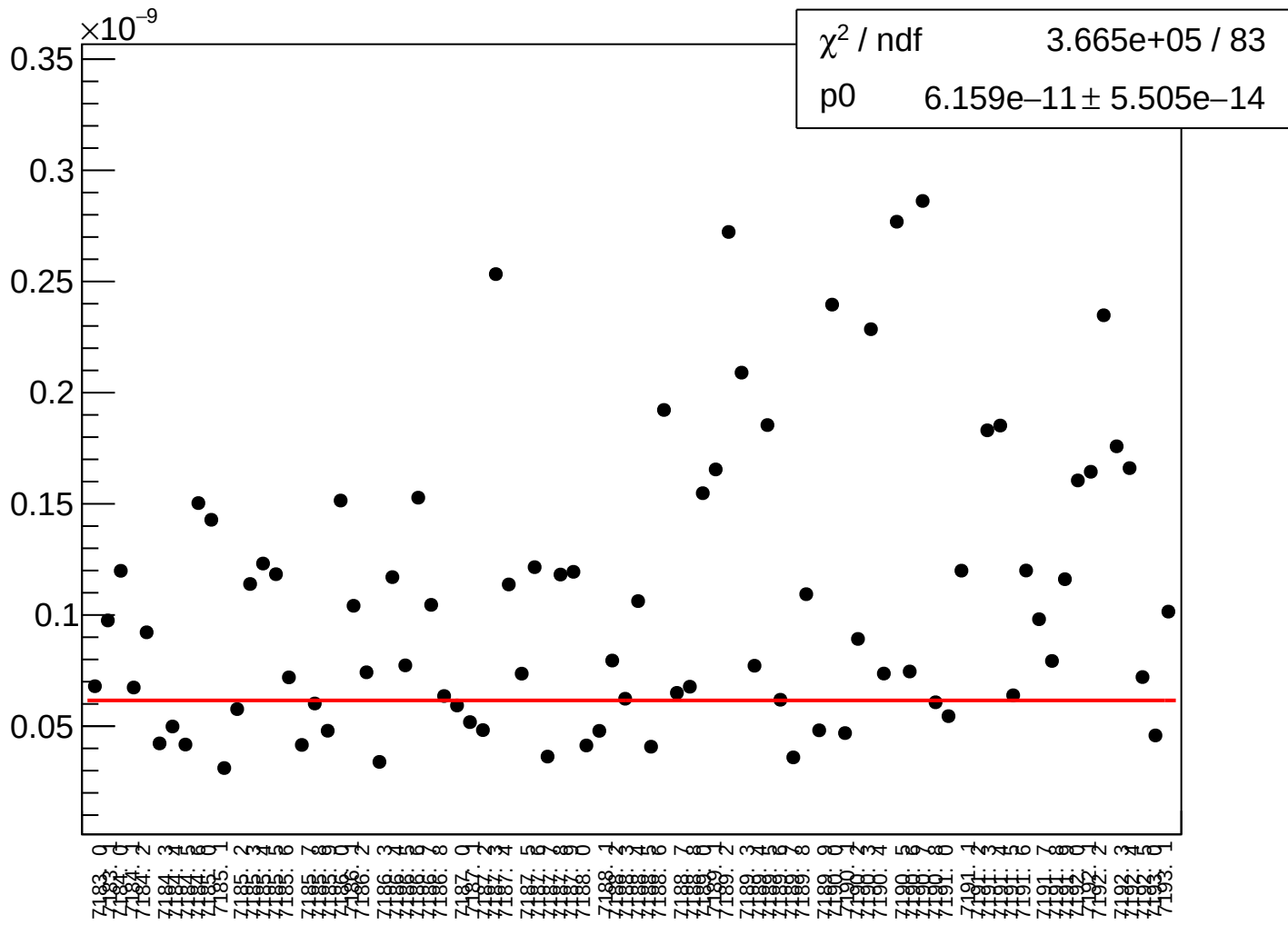
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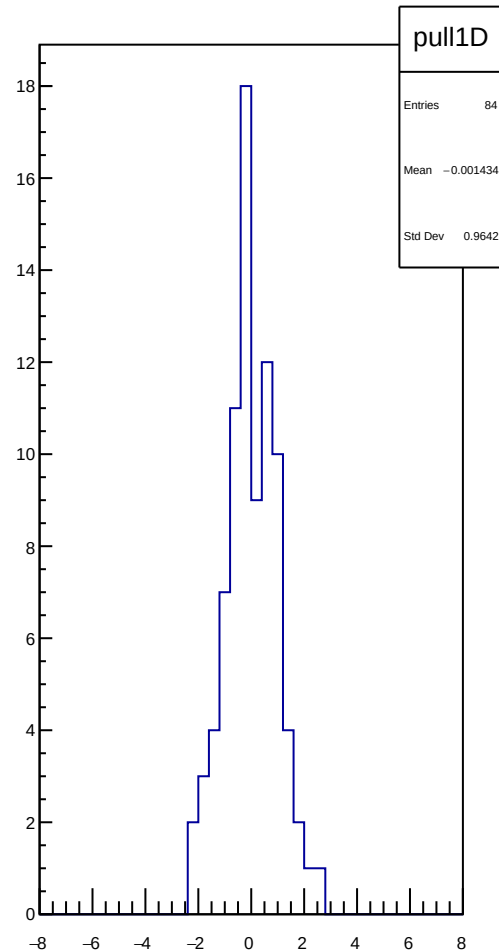
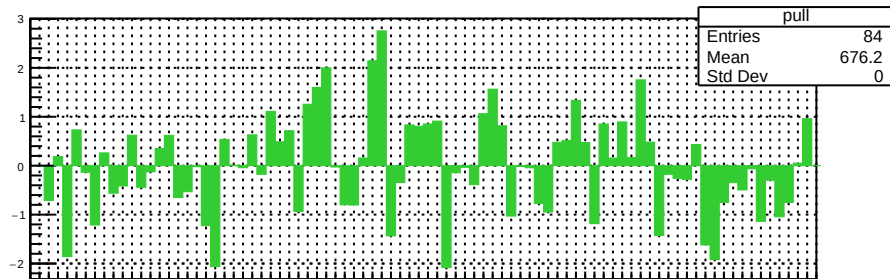
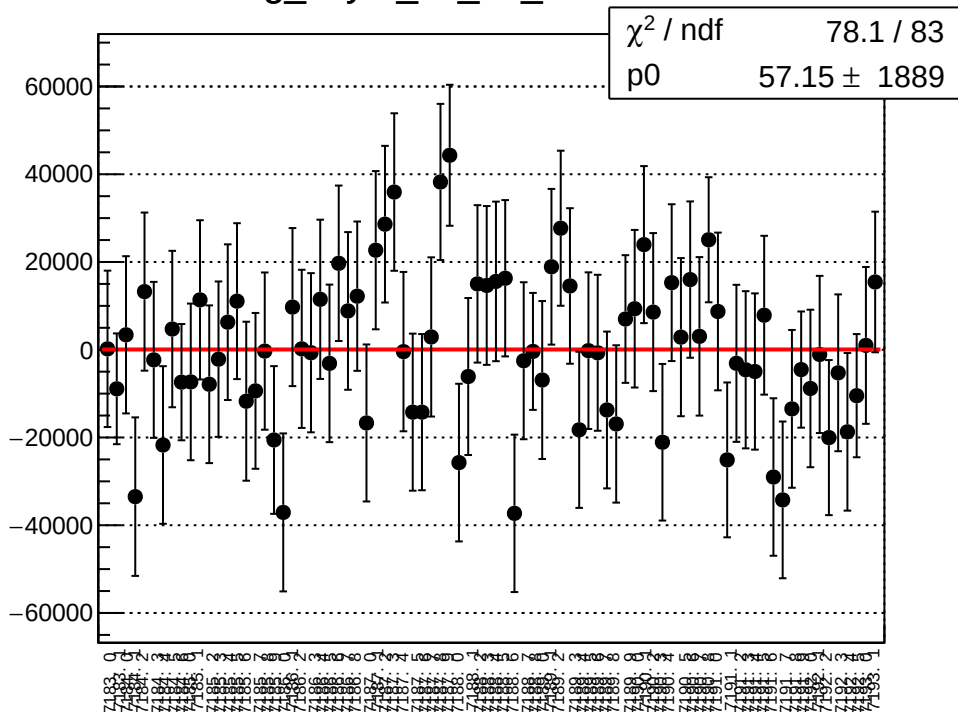
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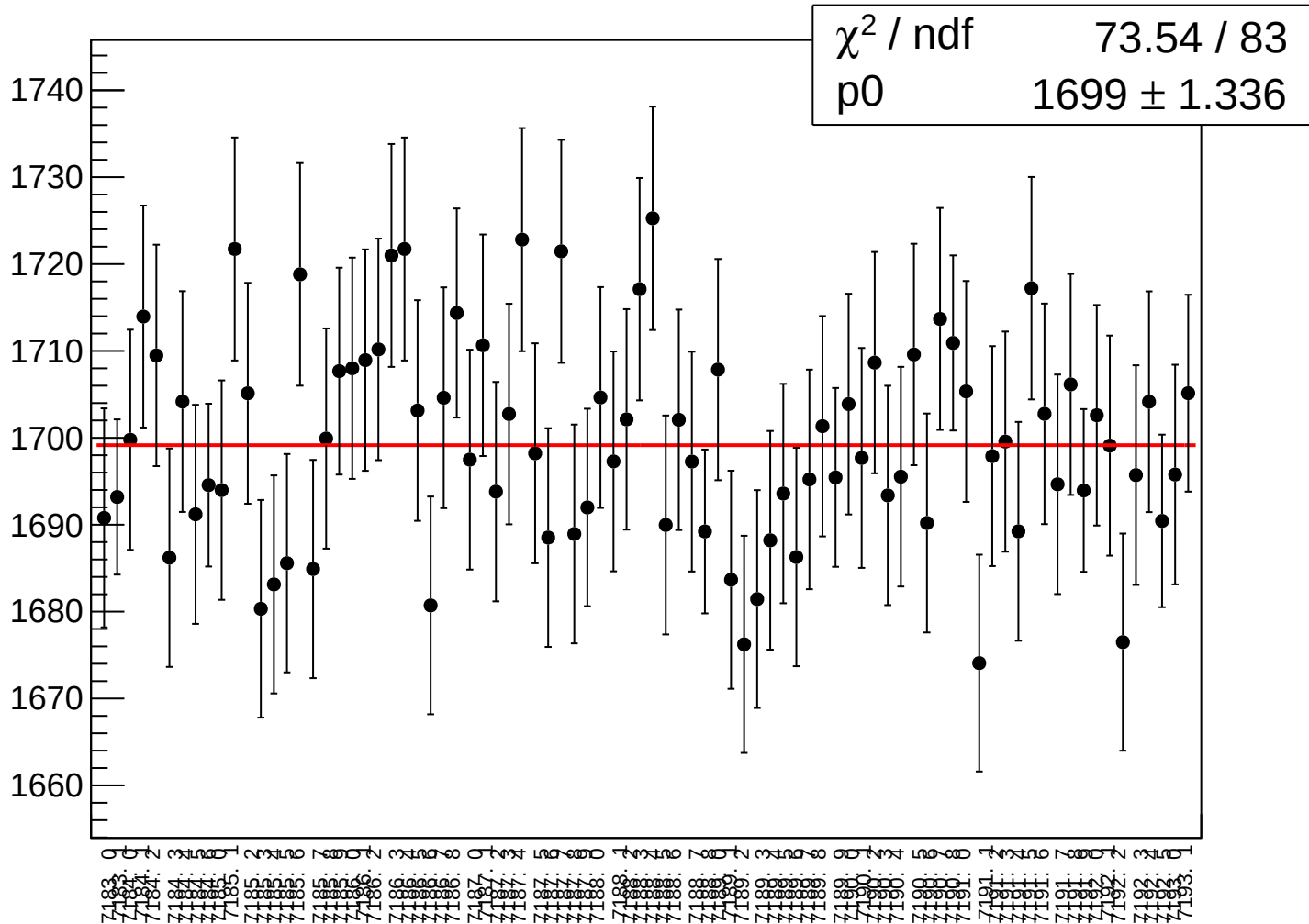
asym_atl_avg_eigen_cor_vs_cor_diff_rms vs run



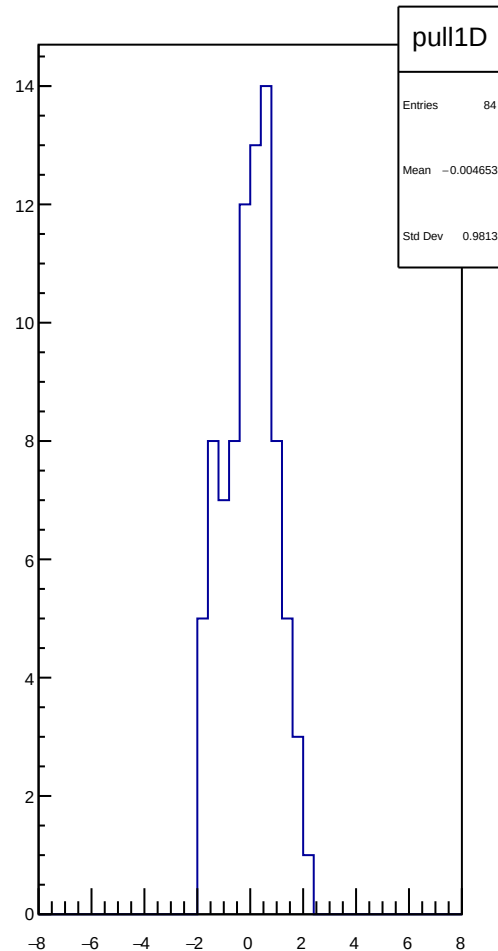
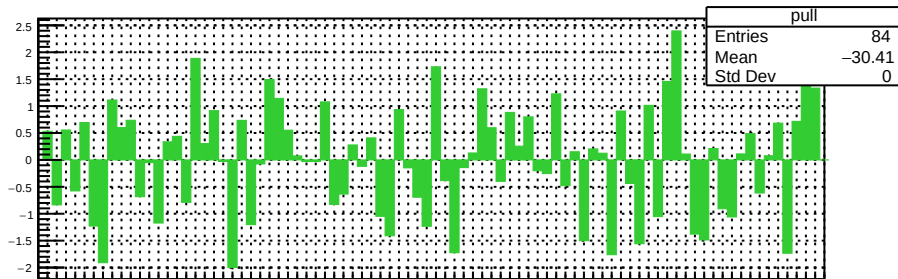
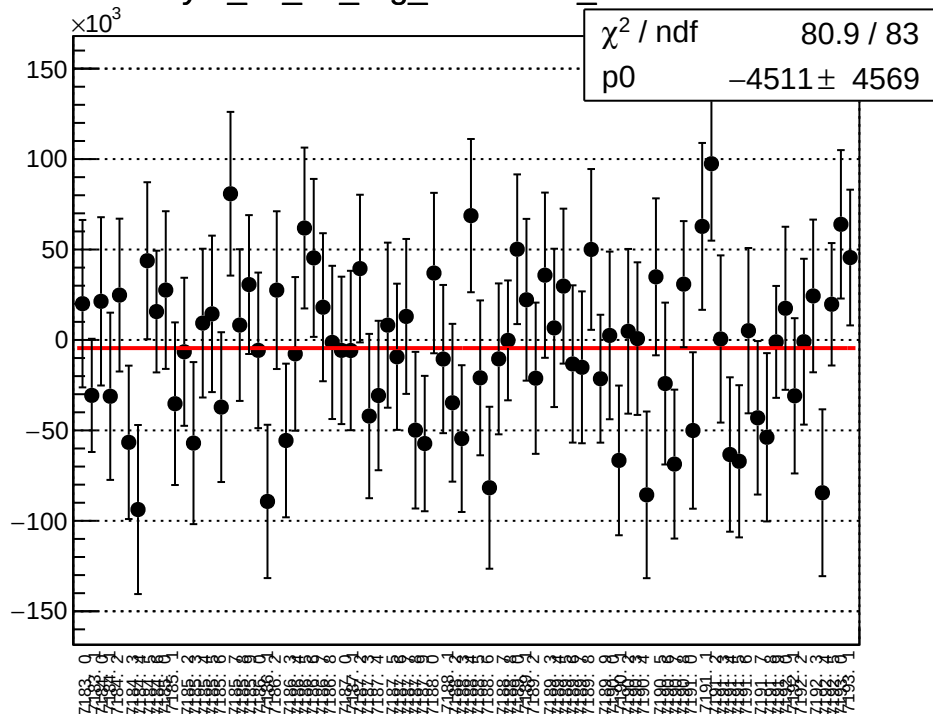
reg_asym_atl_dd_mean vs run



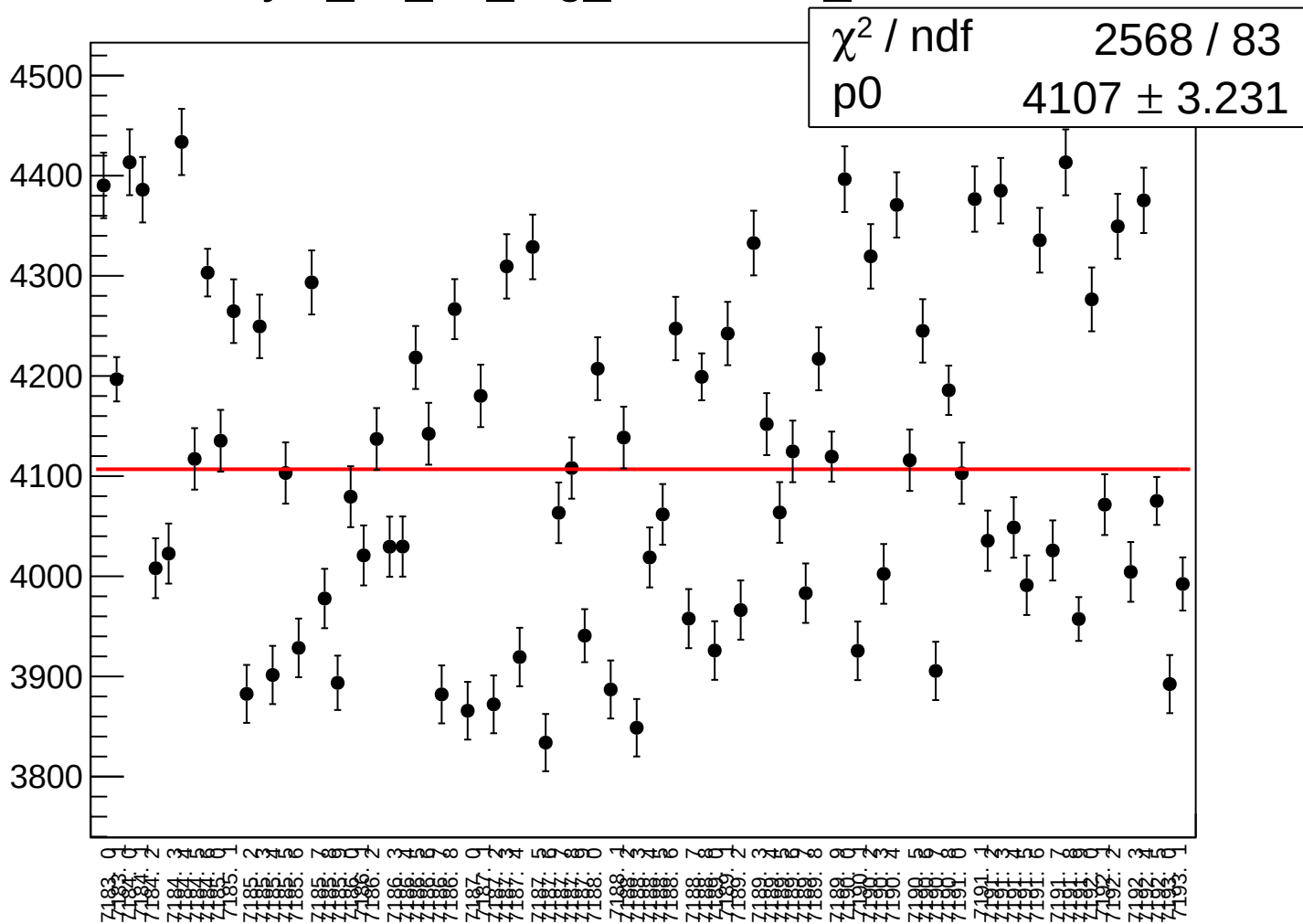
reg_asym_atl_dd_rms vs run



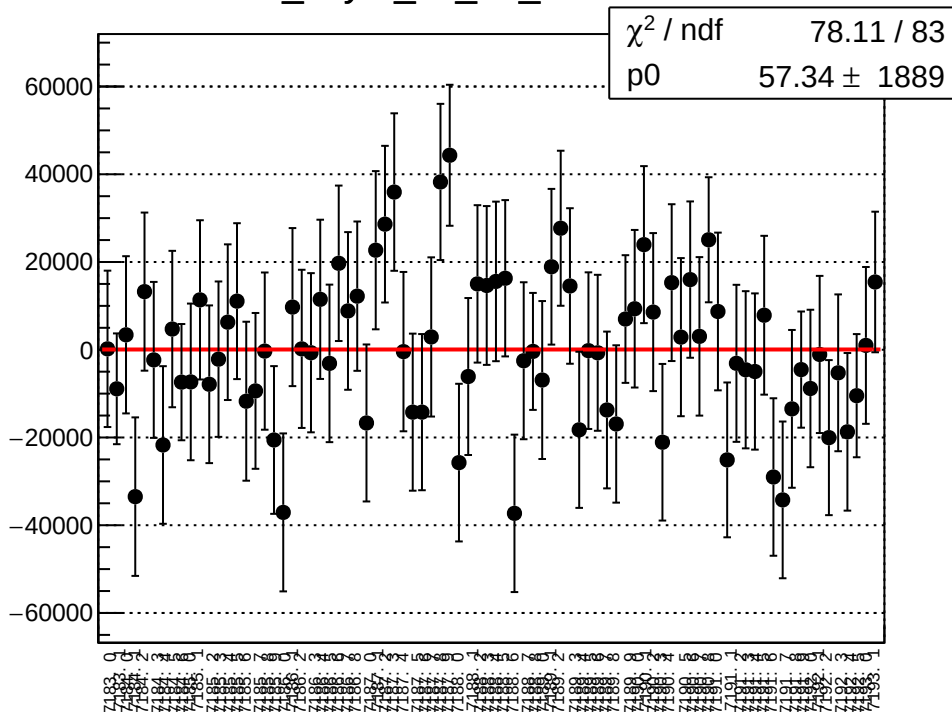
asym_atl_dd_reg_correction_mean vs run



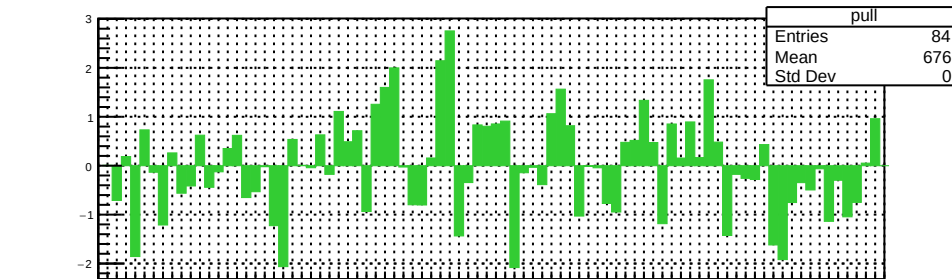
asym_atl_dd_reg_correction_rms vs run



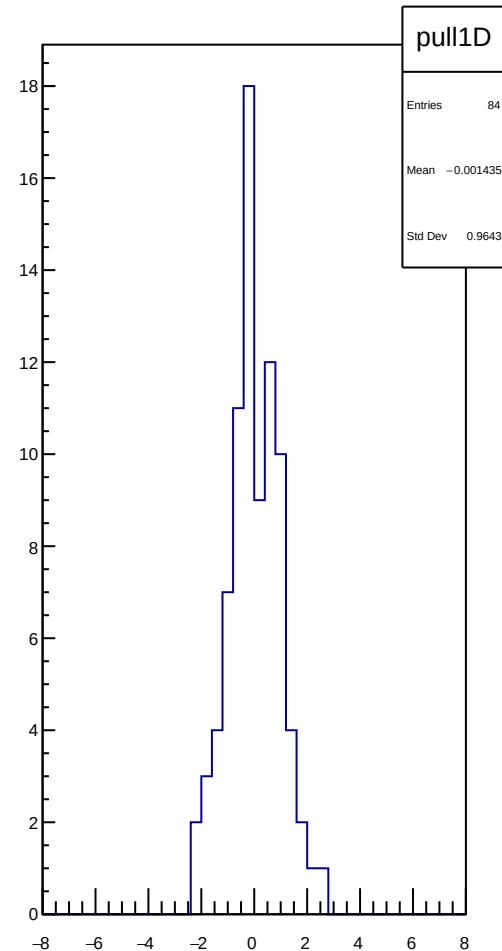
cor_asym_atl_dd_mean vs run



χ^2 / ndf 78.11 / 83
p0 57.34 ± 1889

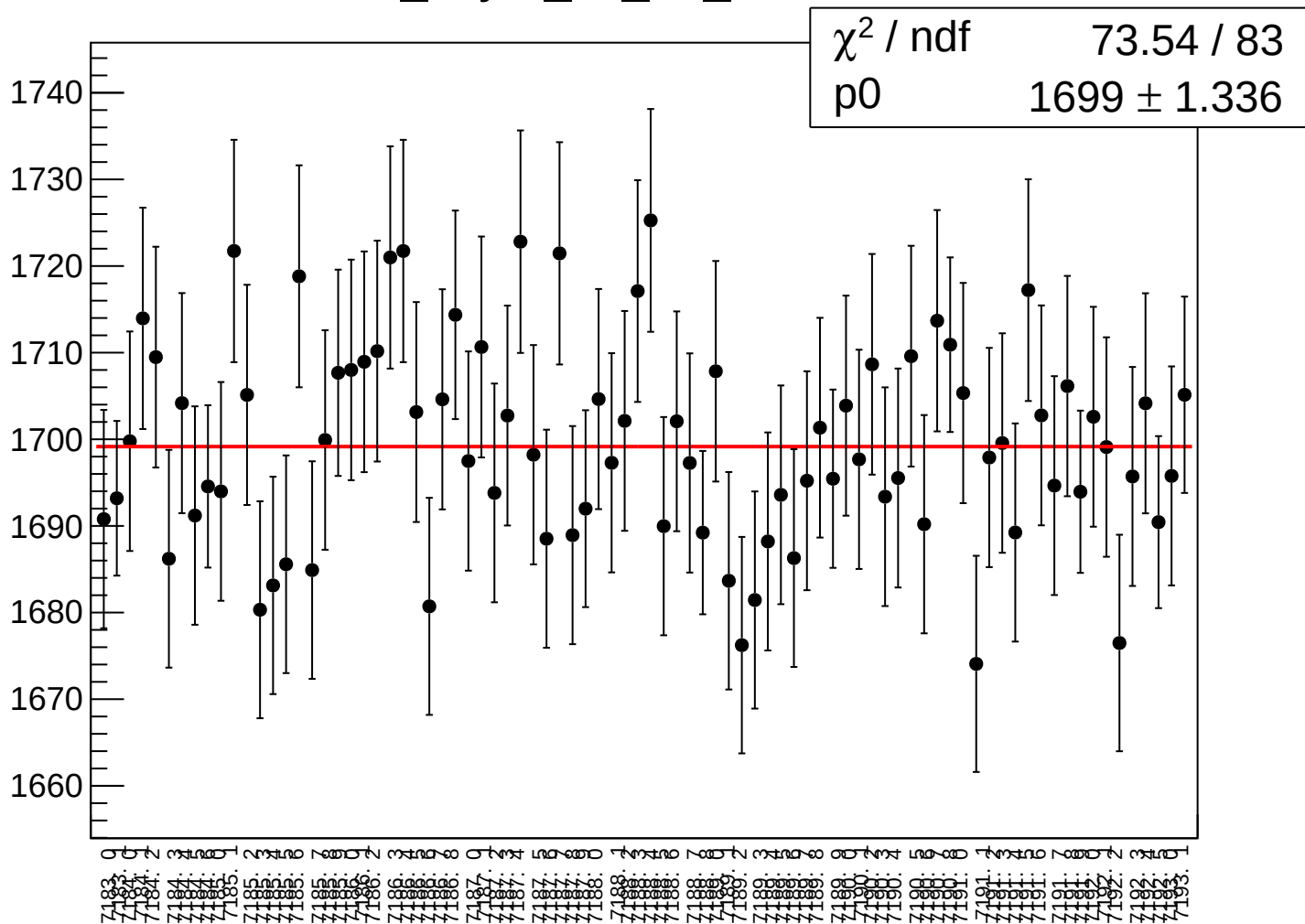


pull
Entries 84
Mean 676
Std Dev 0

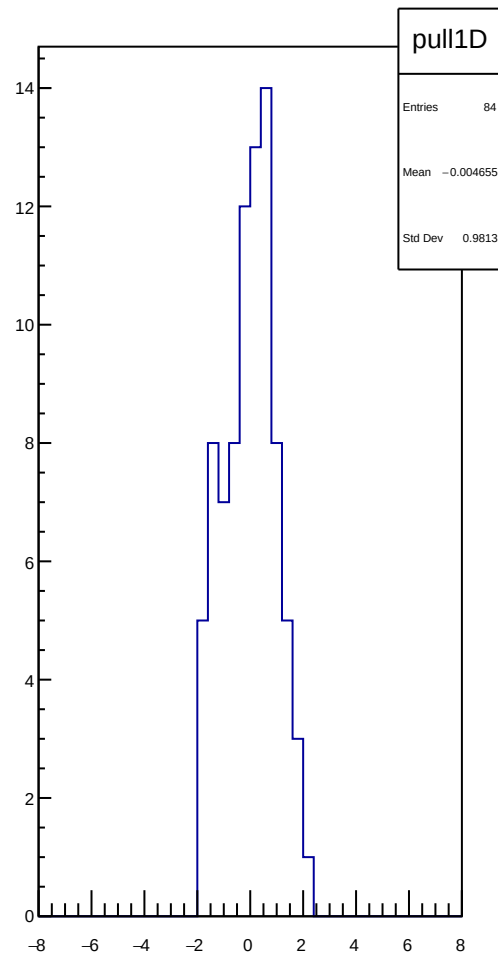
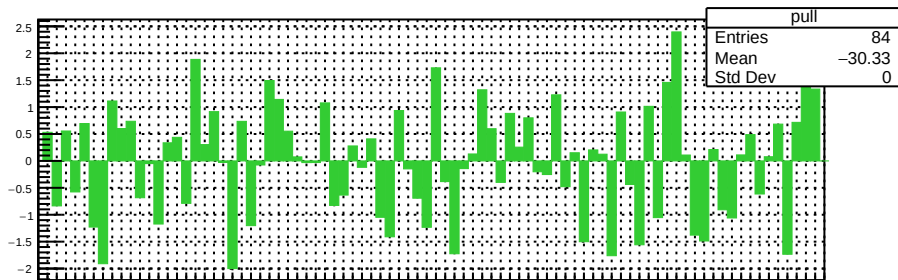
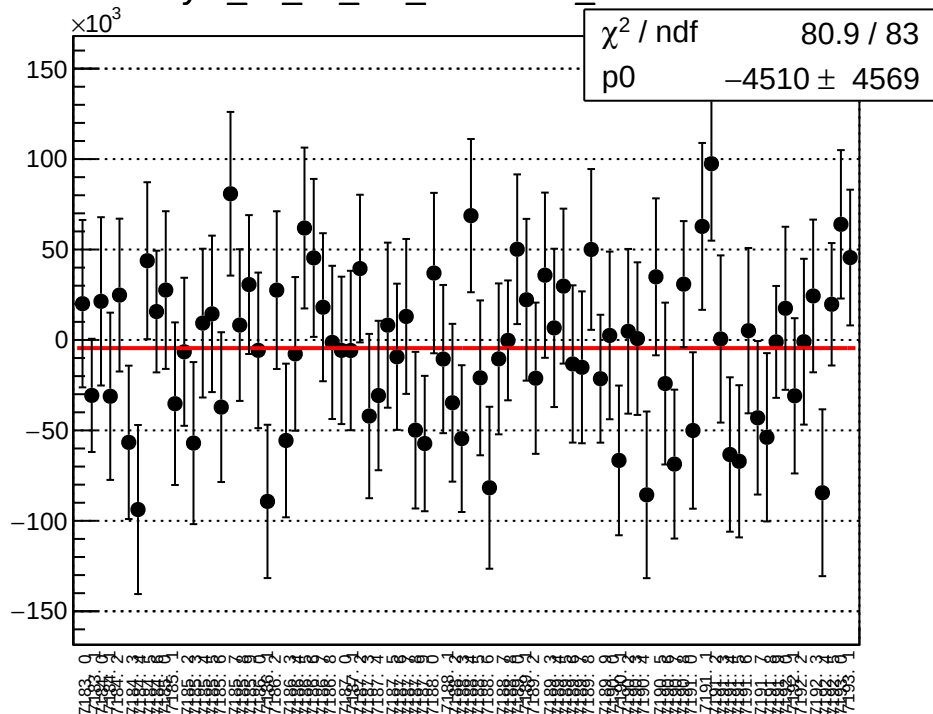


pull1D
Entries 84
Mean -0.001435
Std Dev 0.9643

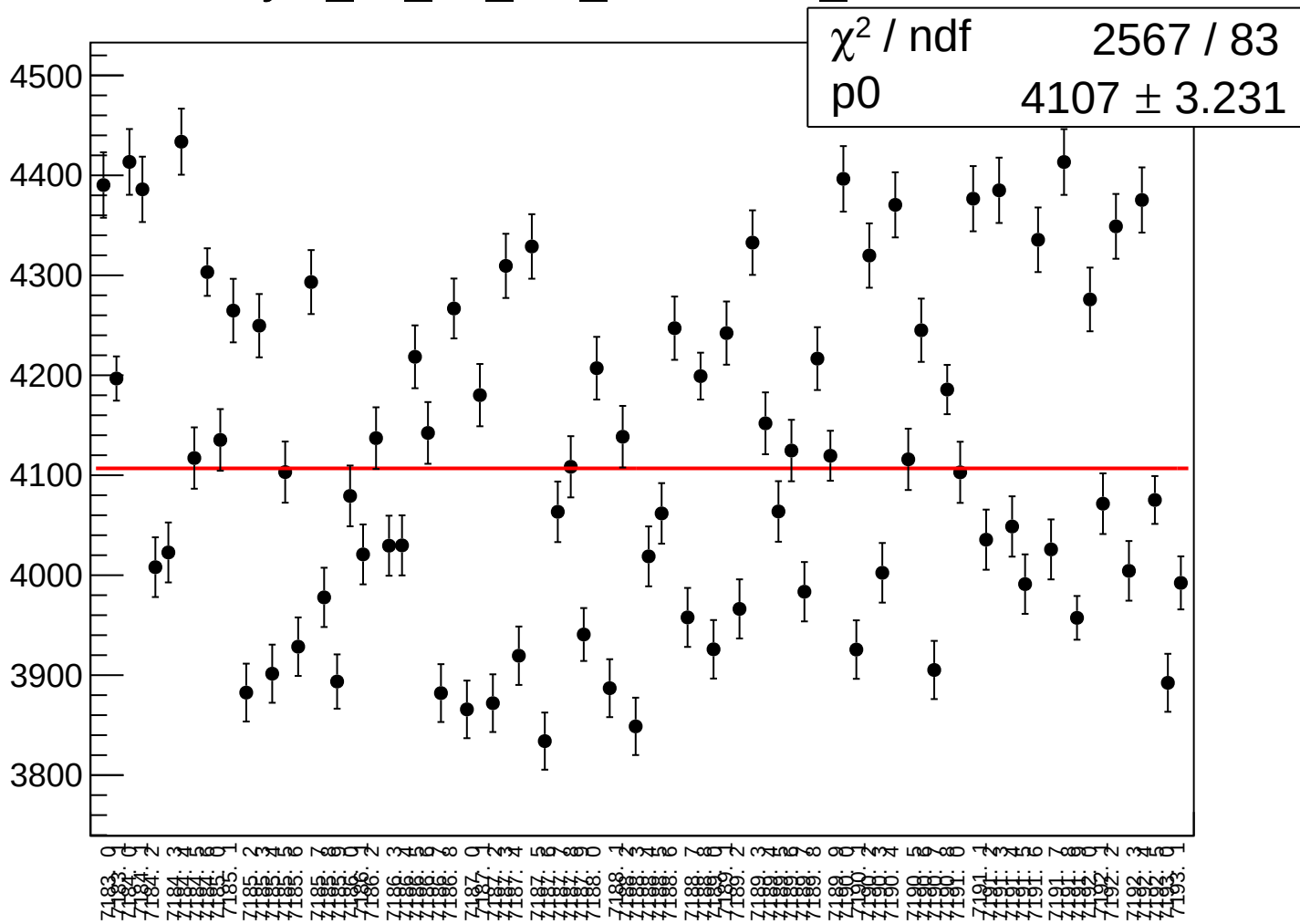
cor_asym_atl_dd_rms vs run



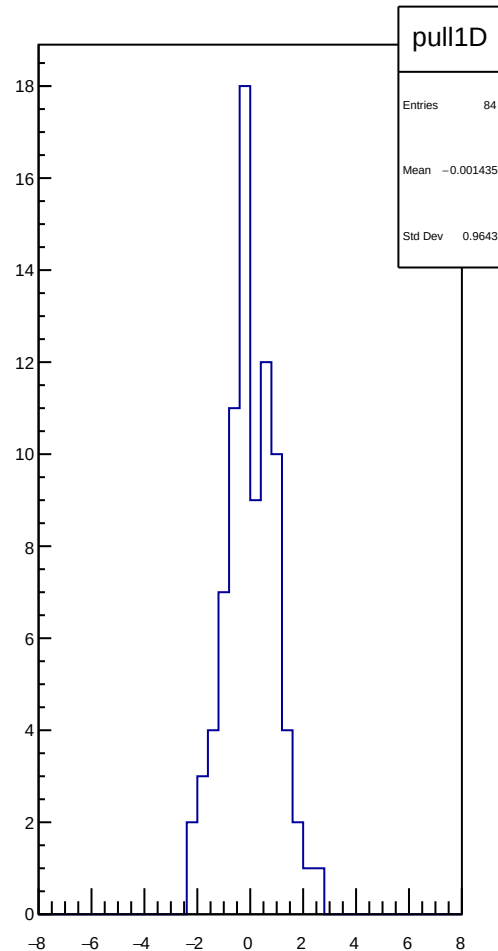
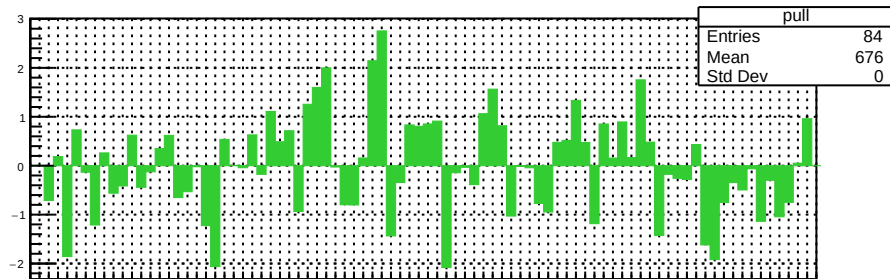
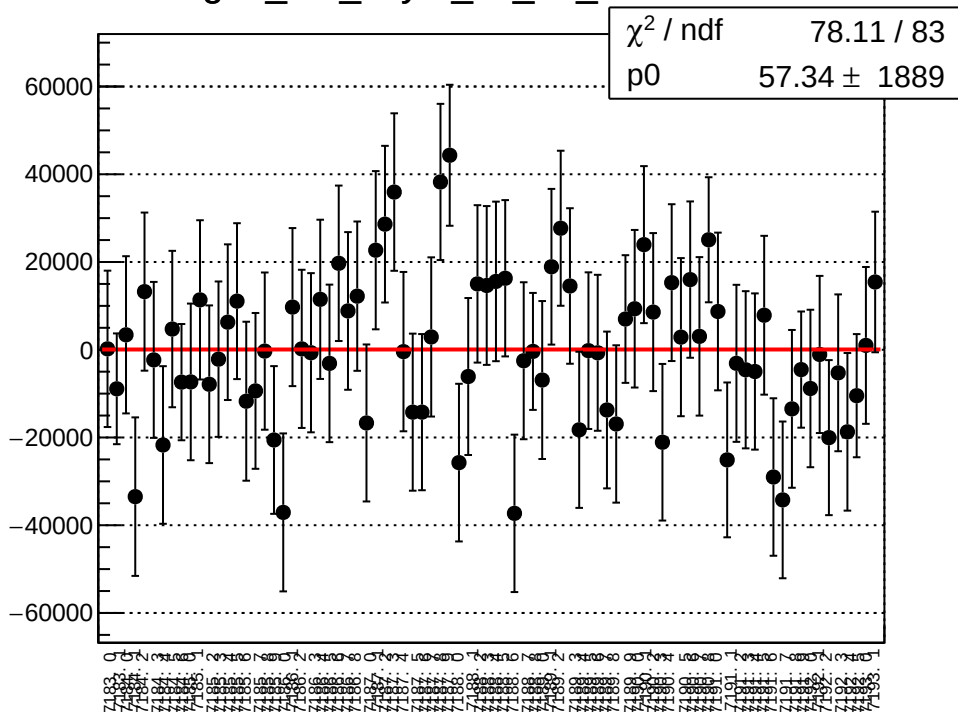
asym_atl_dd_cor_correction_mean vs run



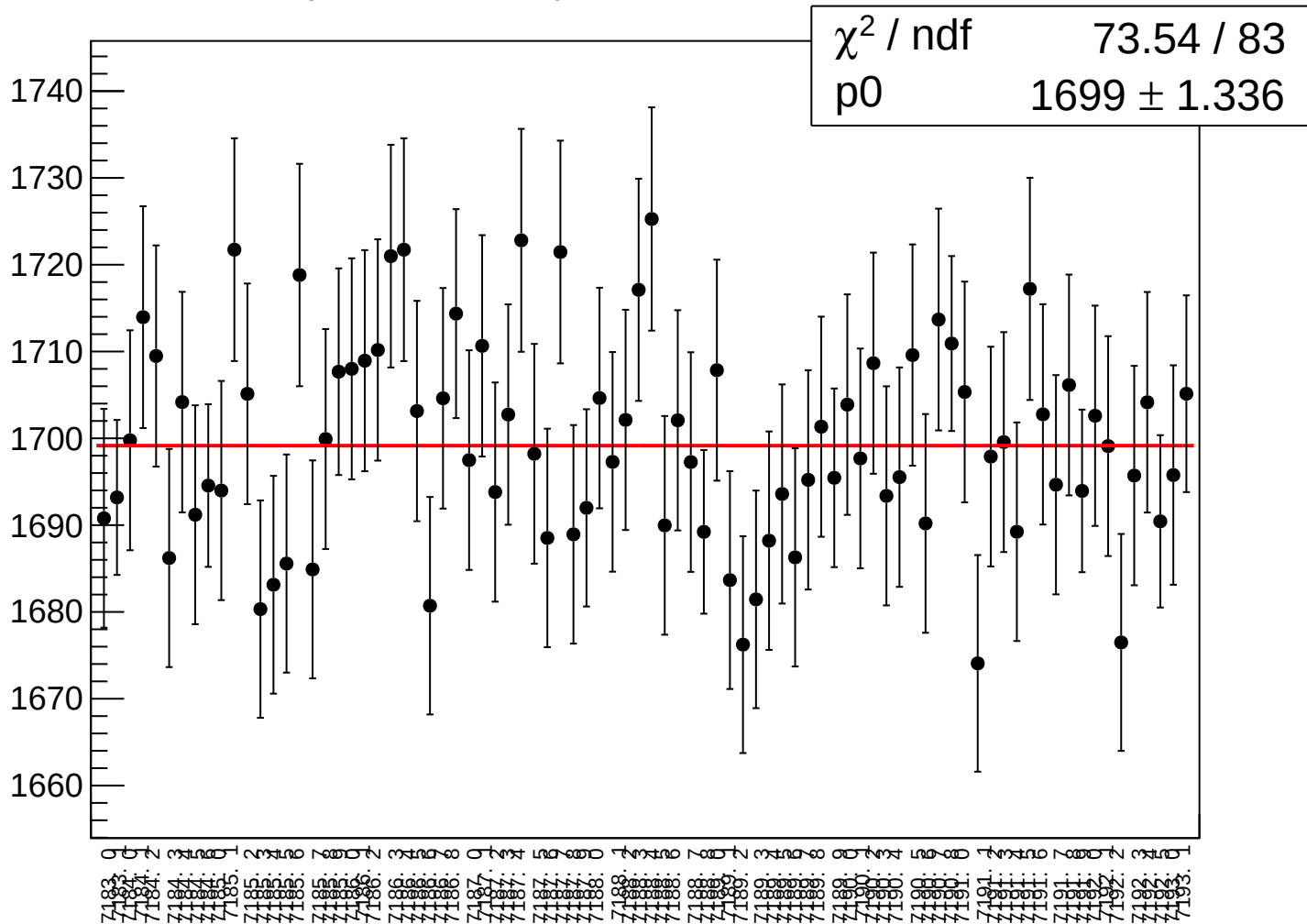
asym_atl_dd_cor_correction_rms vs run



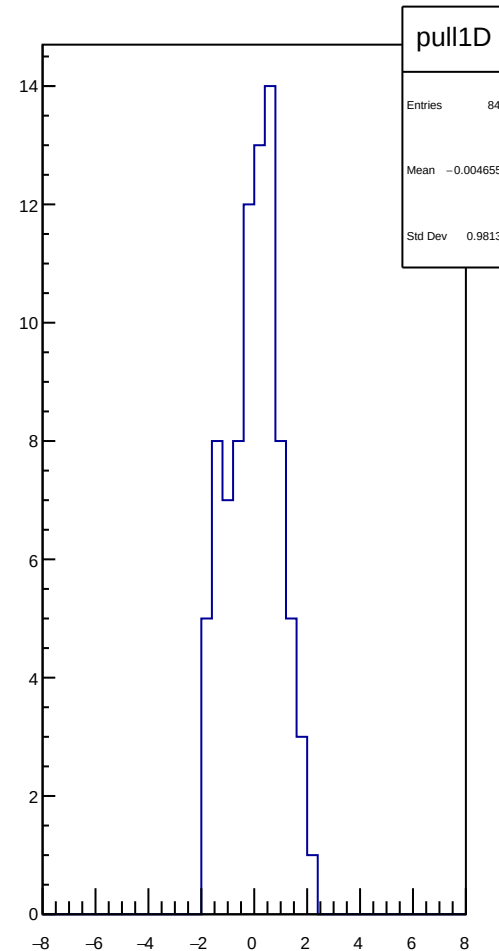
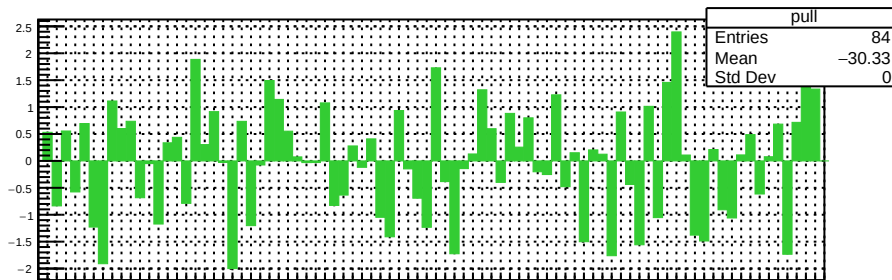
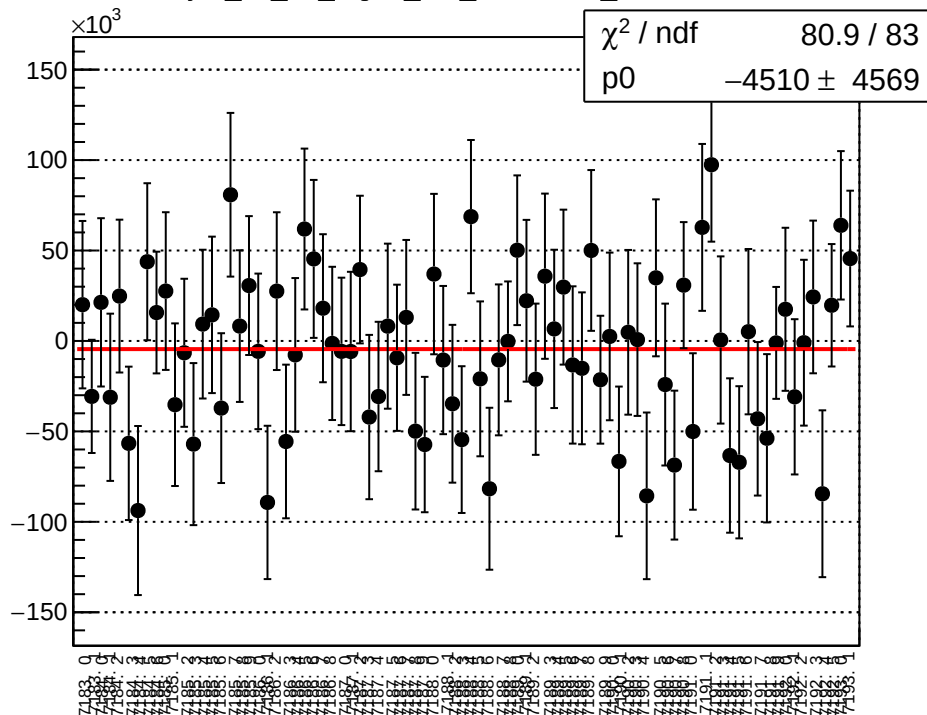
eigen_cor_asym_atl_dd_mean vs run



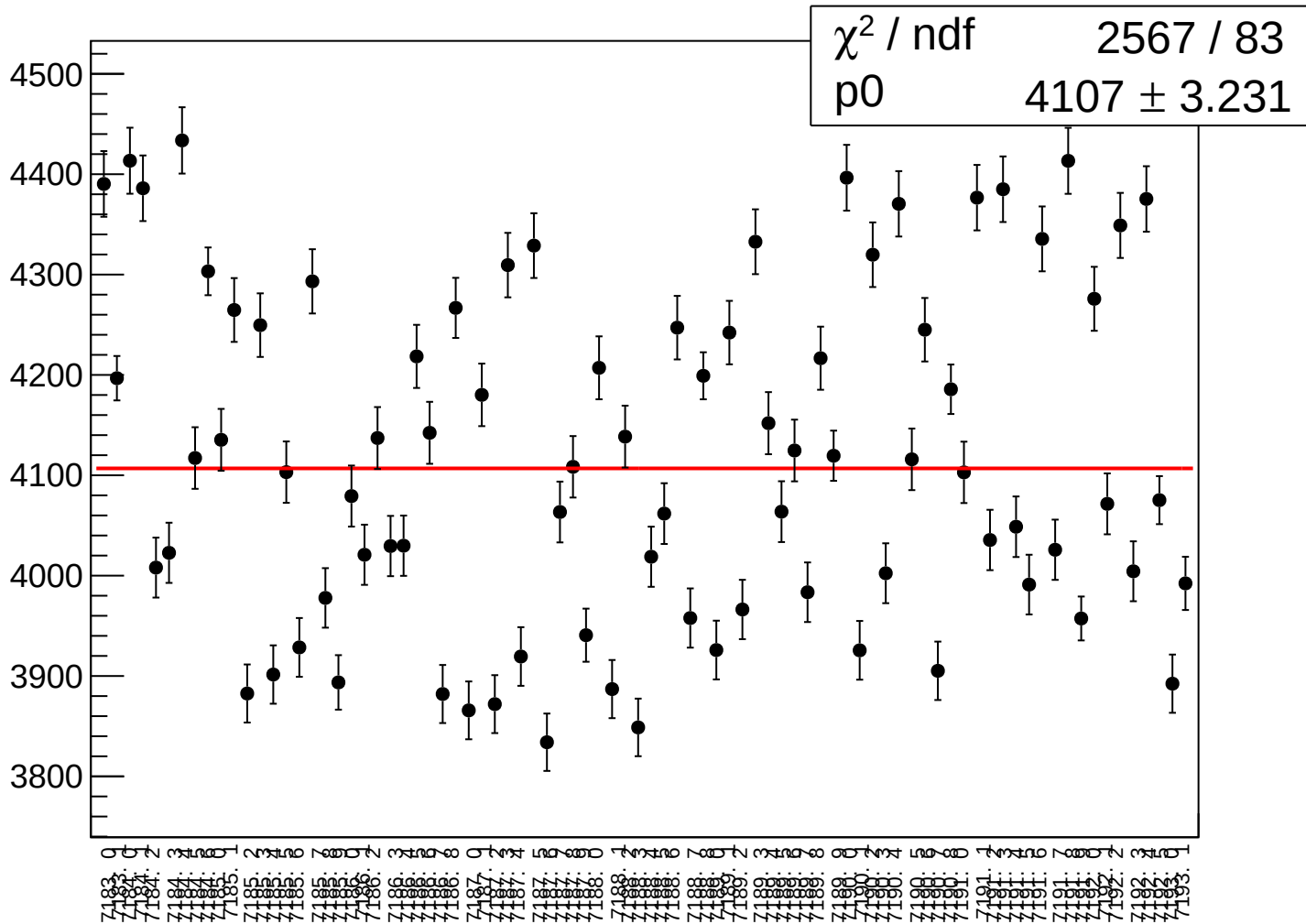
eigen_cor_asym_atl_dd_rms vs run



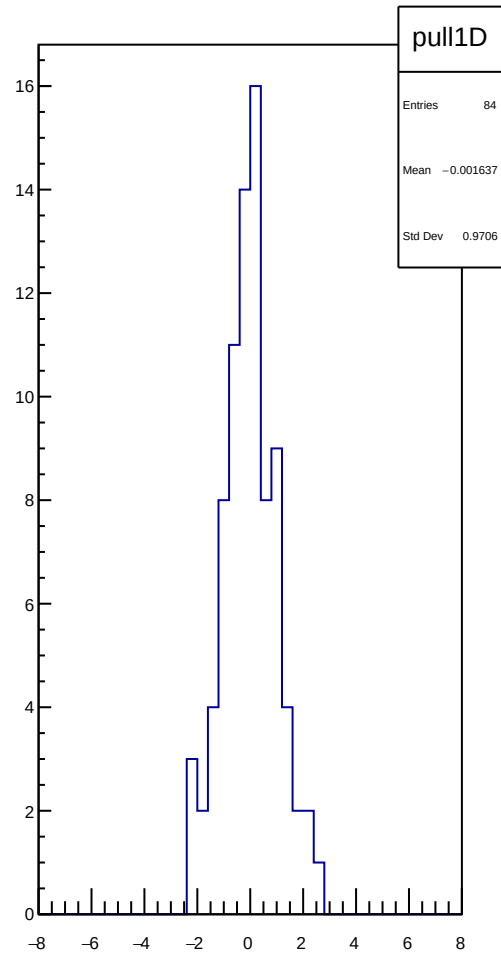
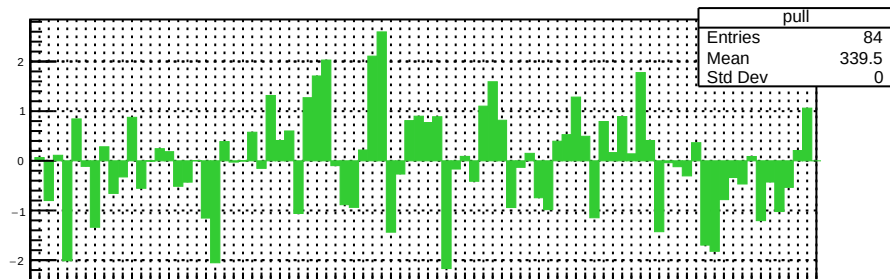
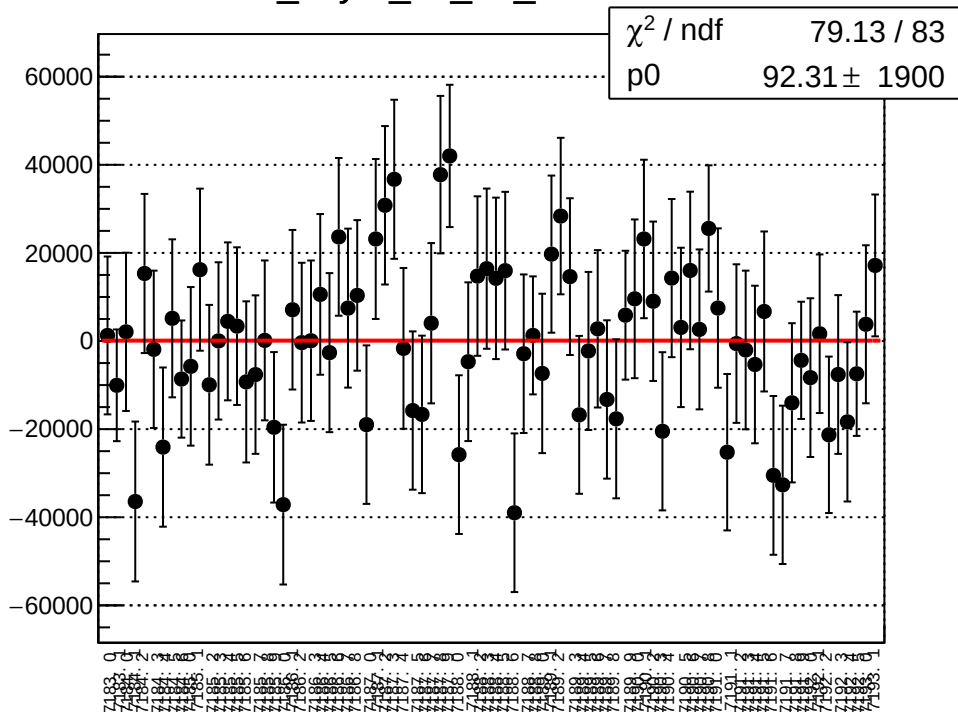
asym_atl_dd_eigen_cor_correction_mean vs run



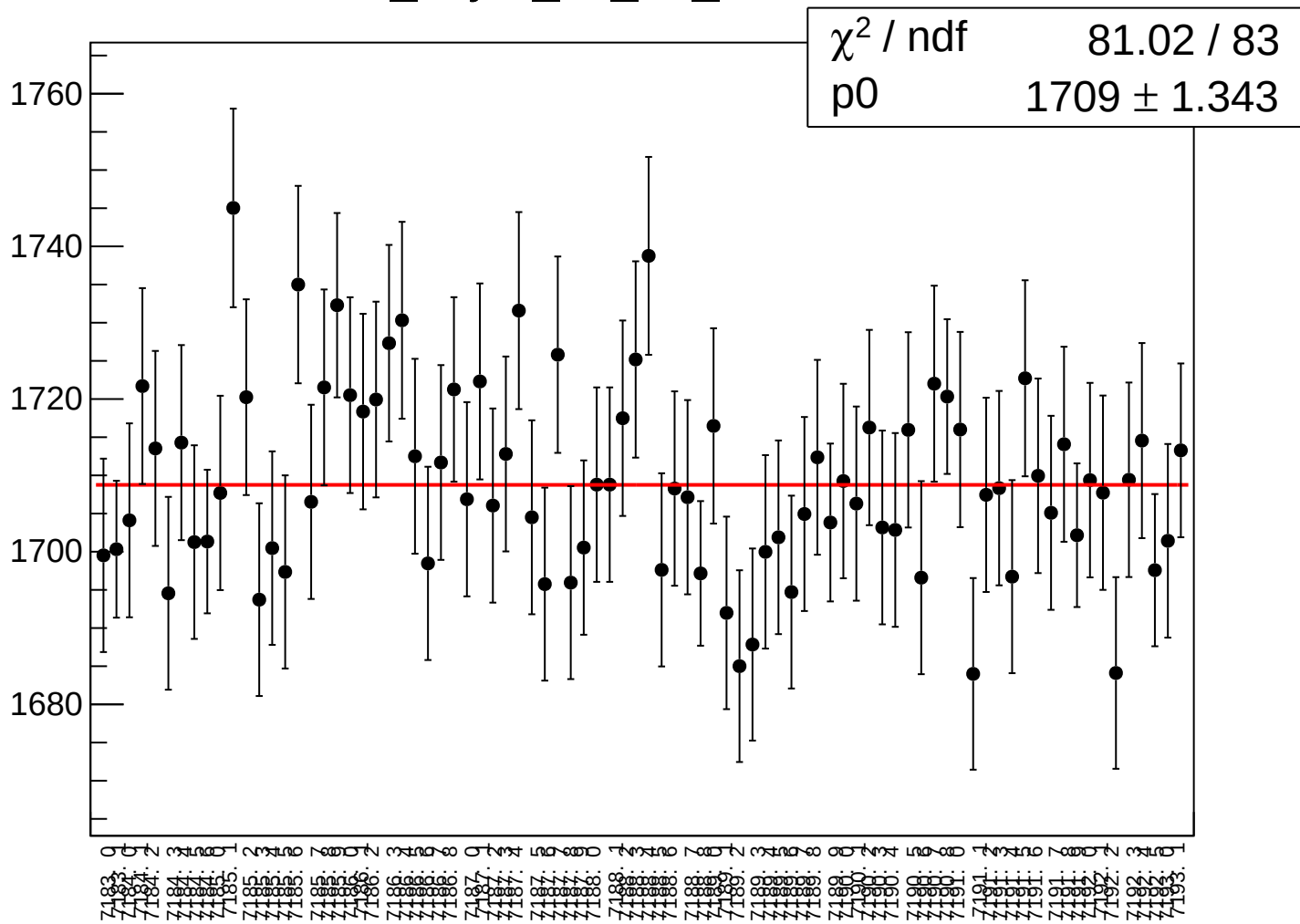
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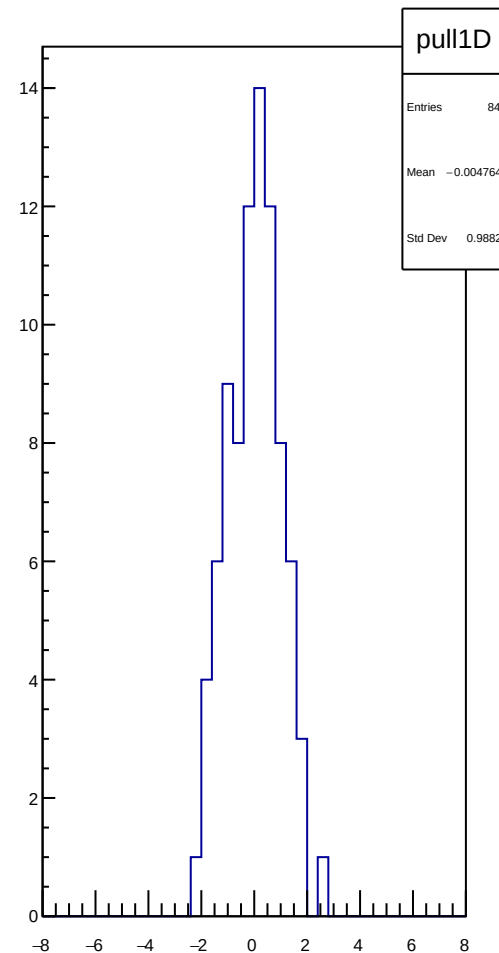
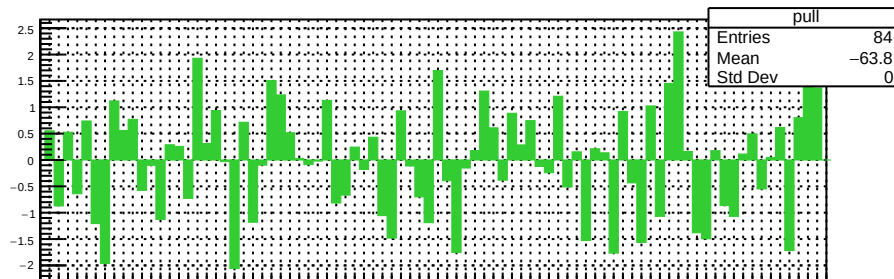
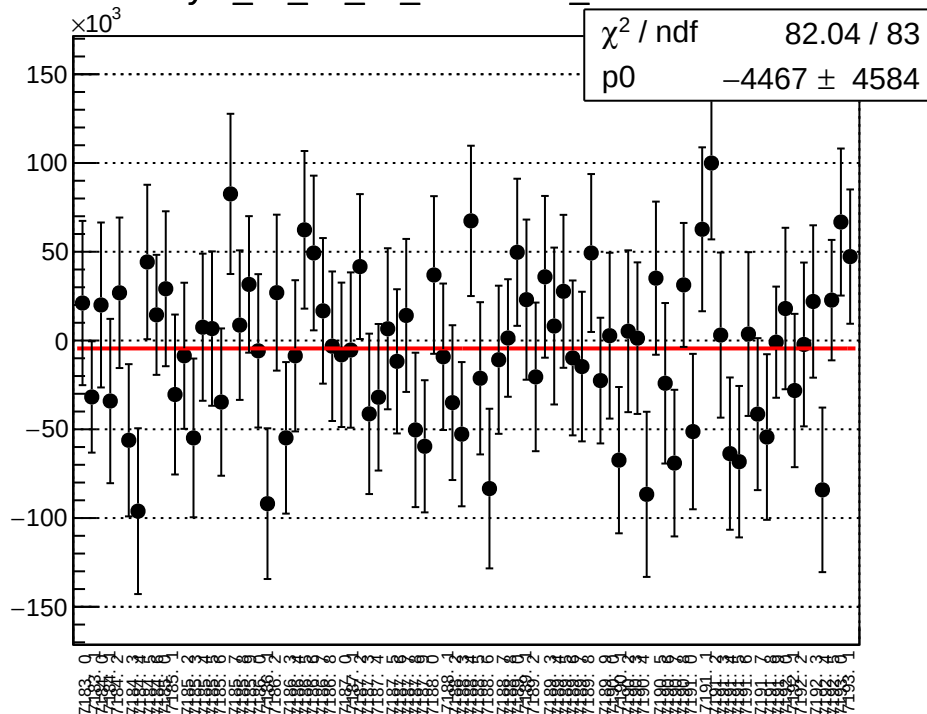
dit_asym_atl_dd_mean vs run



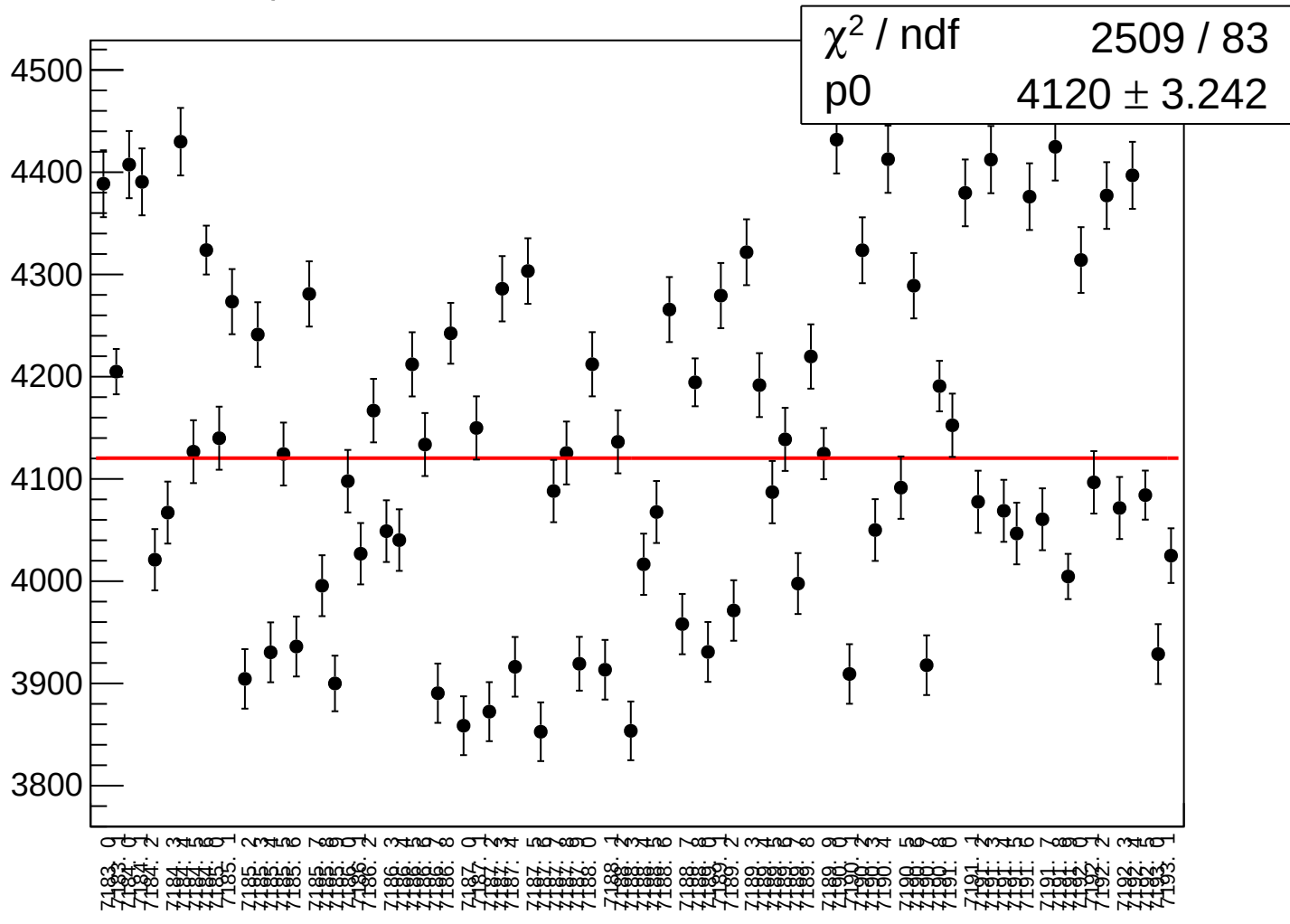
dit_asym_atl_dd_rms vs run



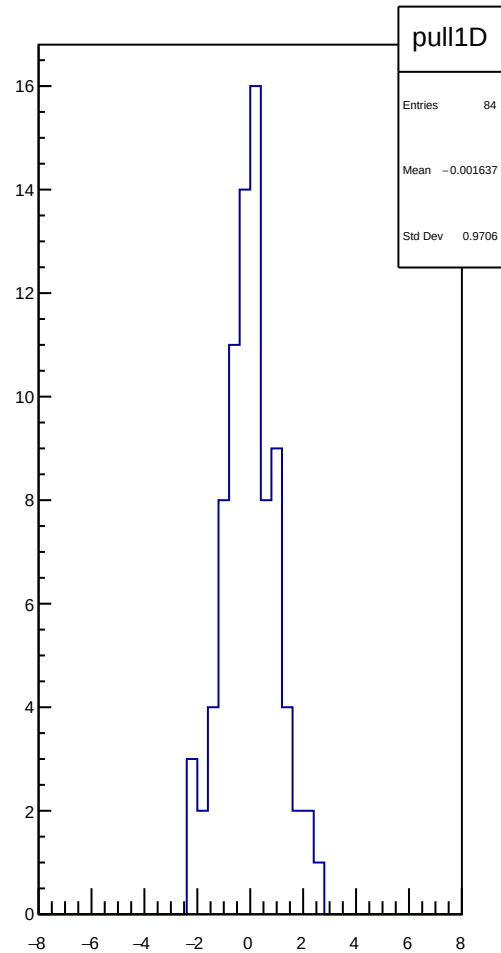
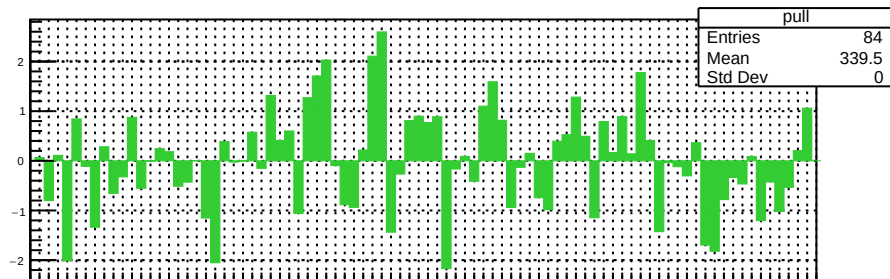
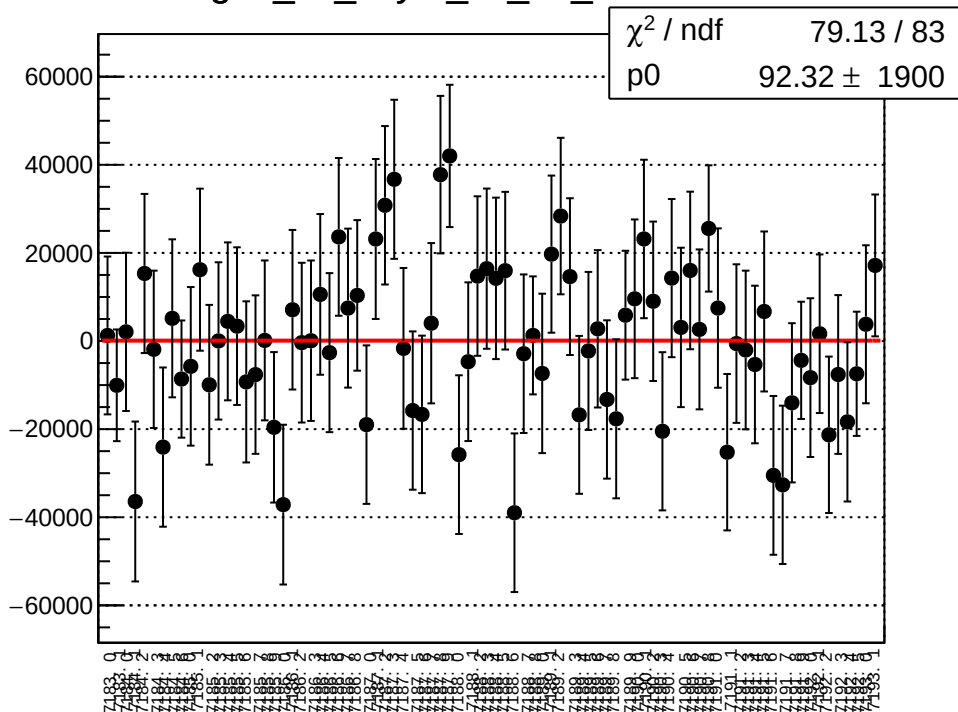
asym_atl_dd_dit_correction_mean vs run



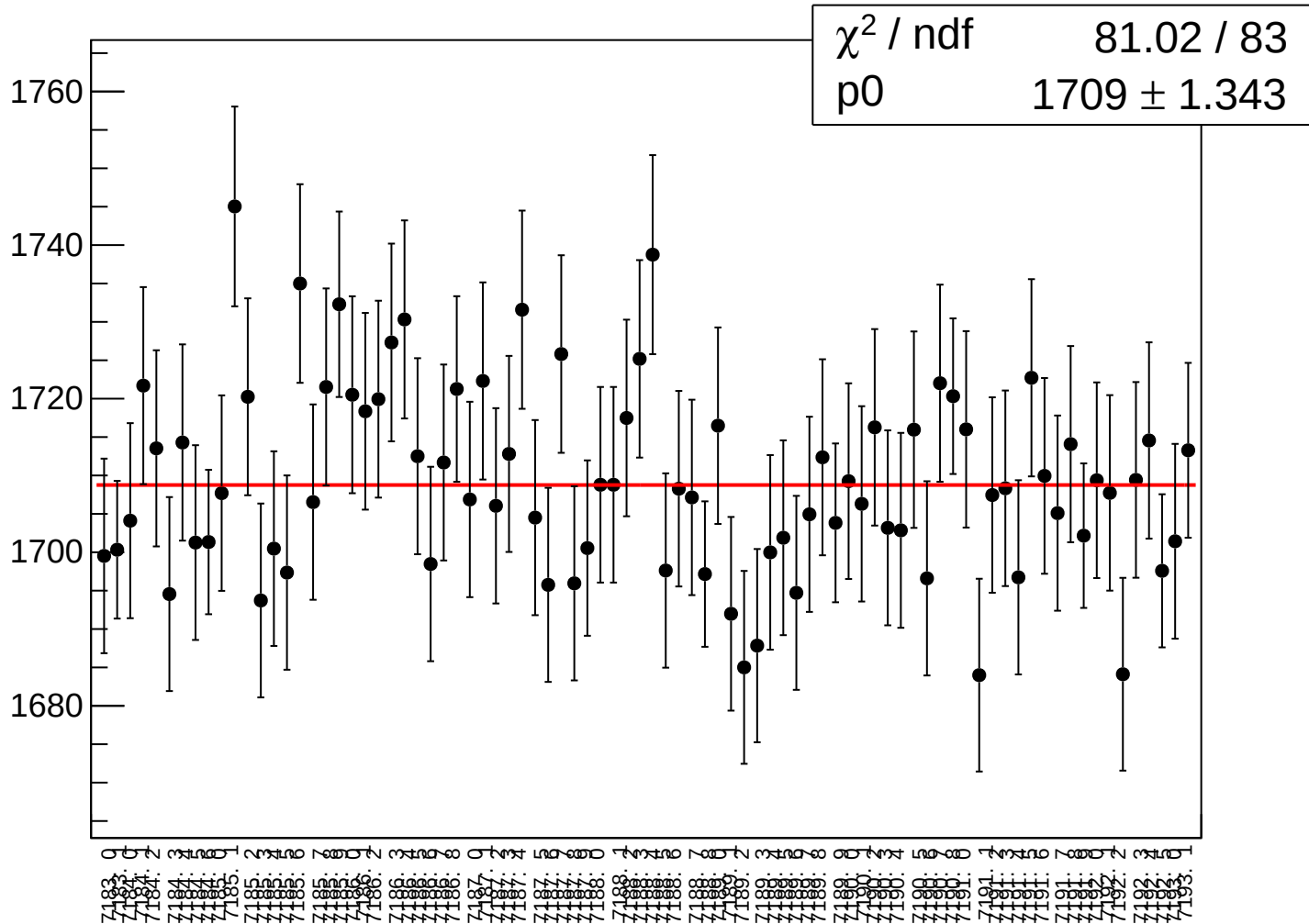
asym_atl_dd_dit_correction_rms vs run



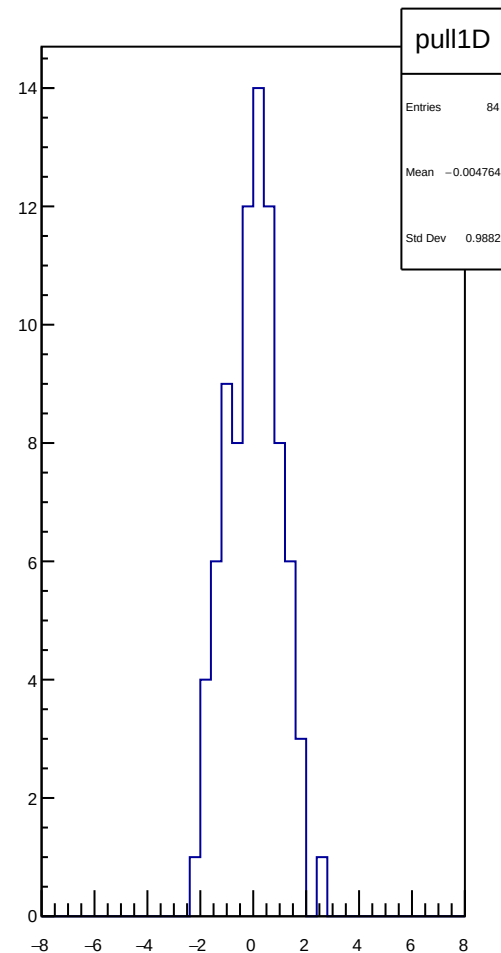
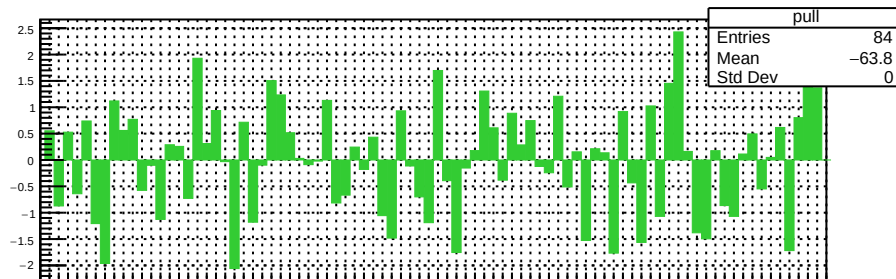
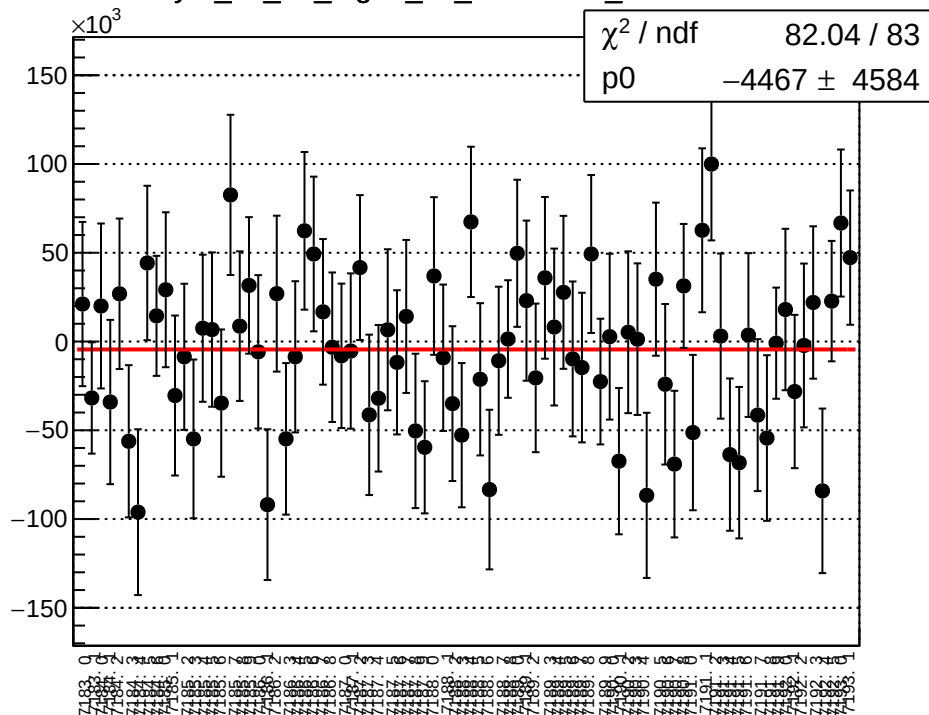
eigen_dit_asym_atl_dd_mean vs run



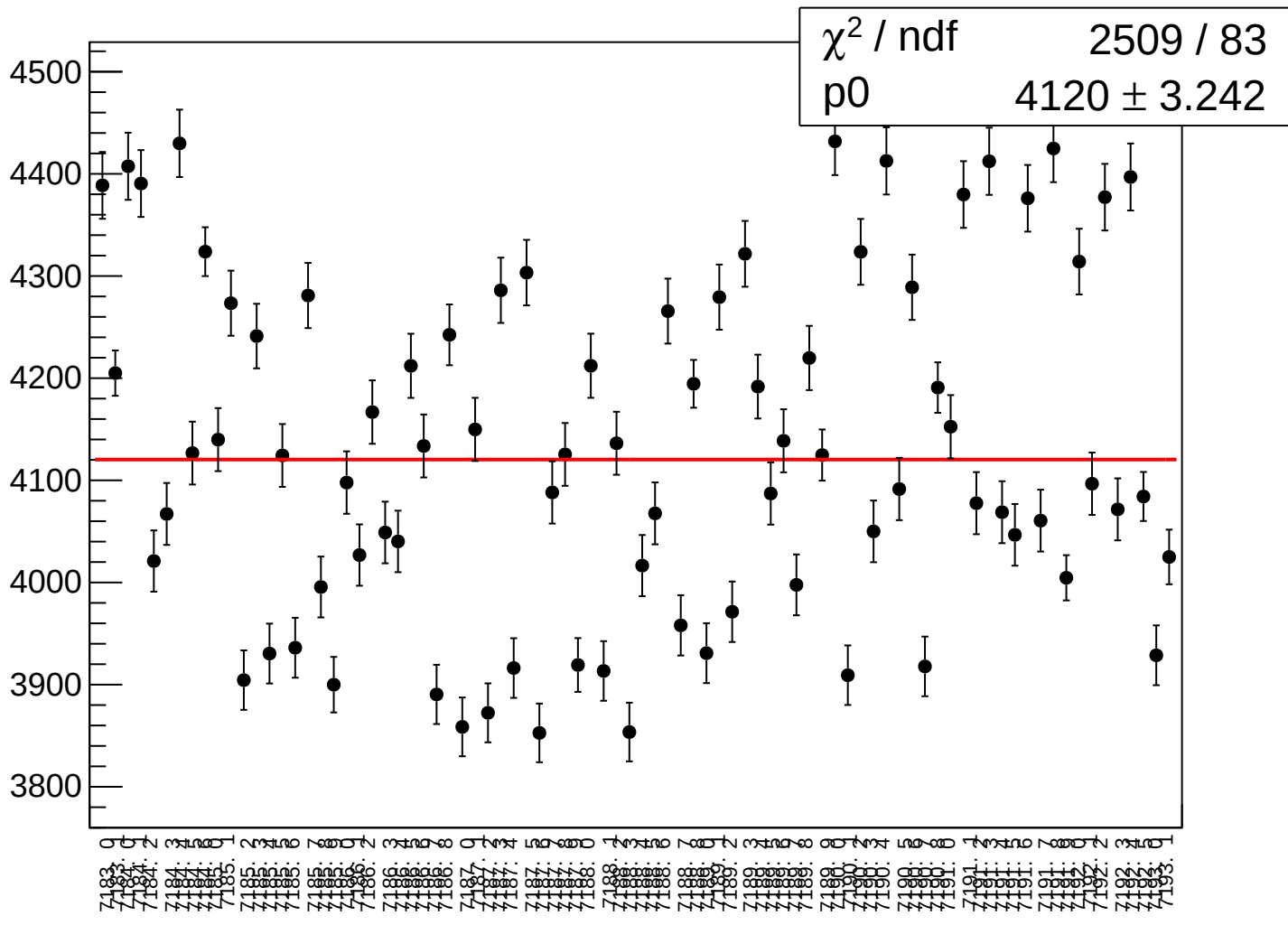
eigen_dit_asym_atl_dd_rms vs run



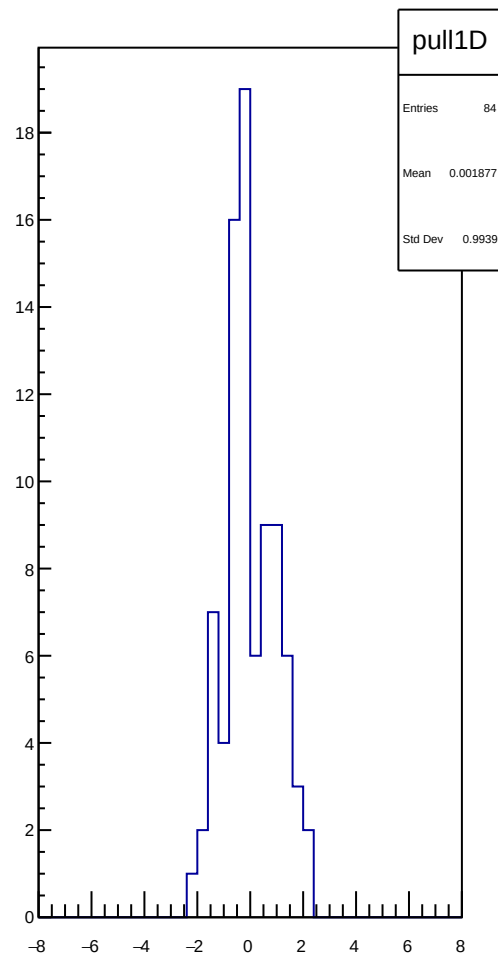
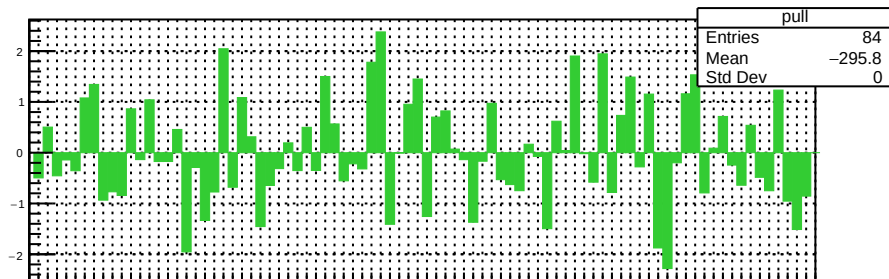
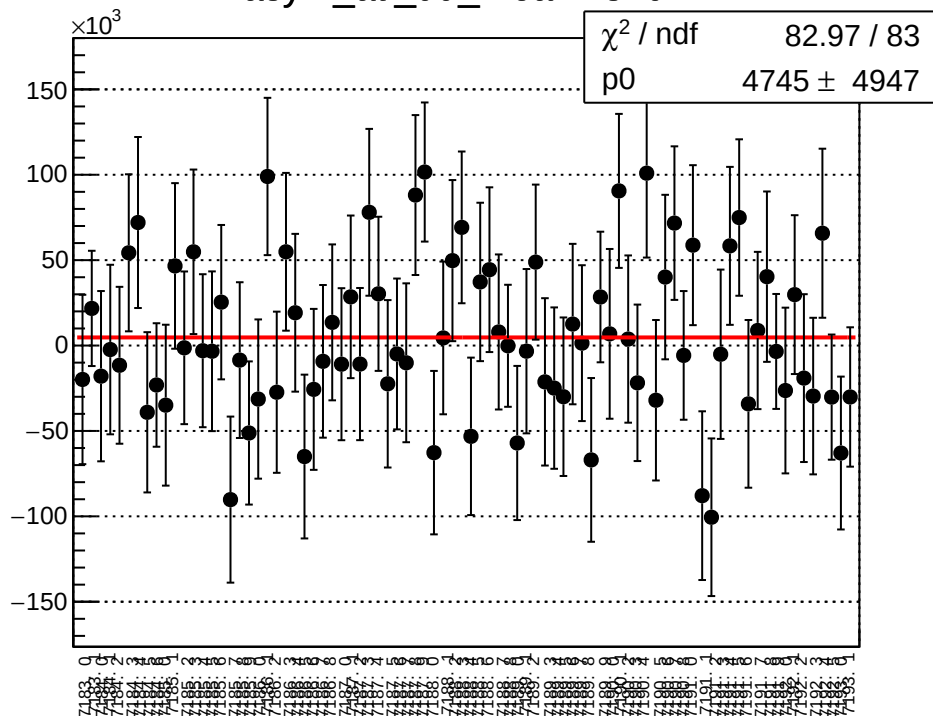
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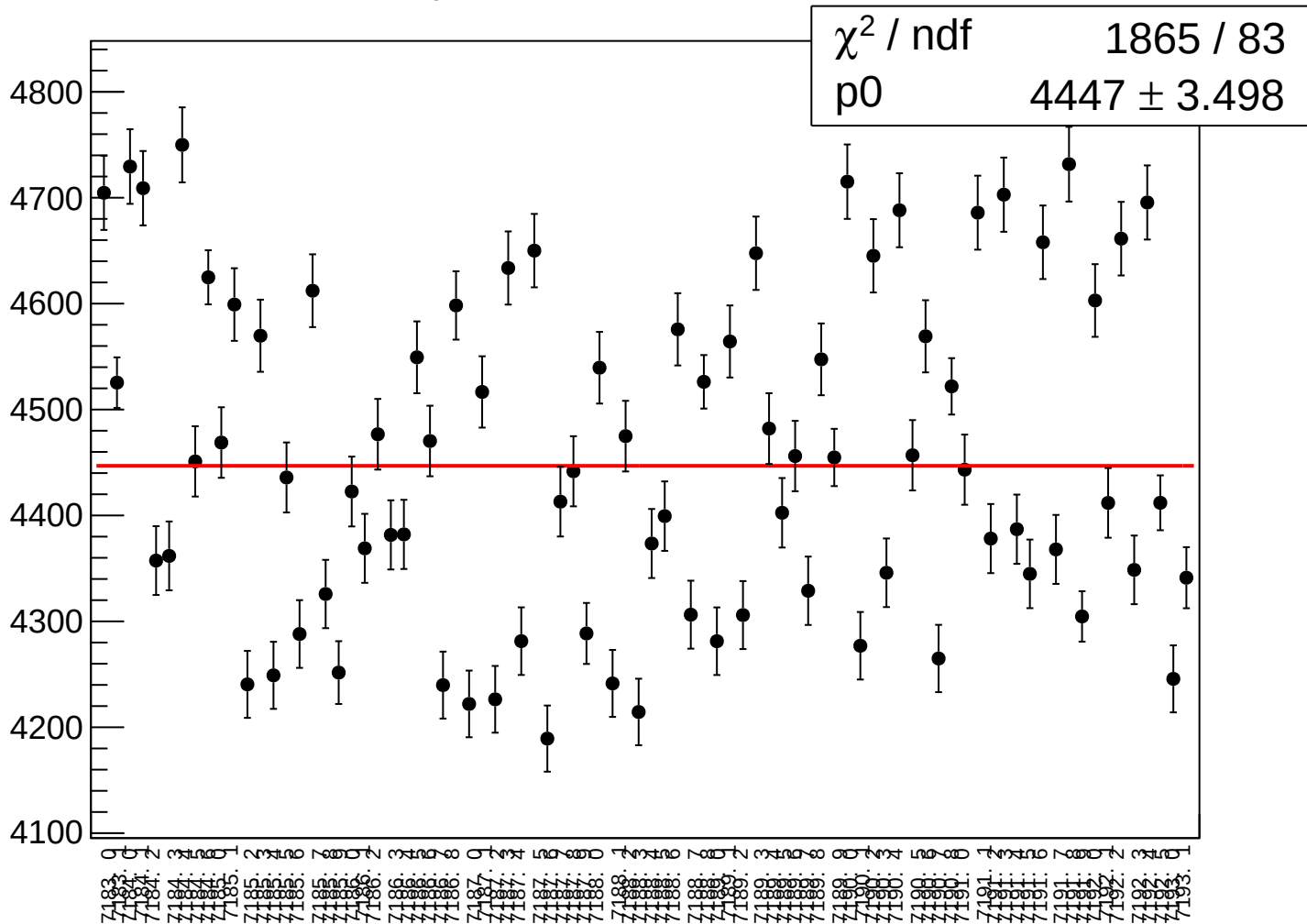
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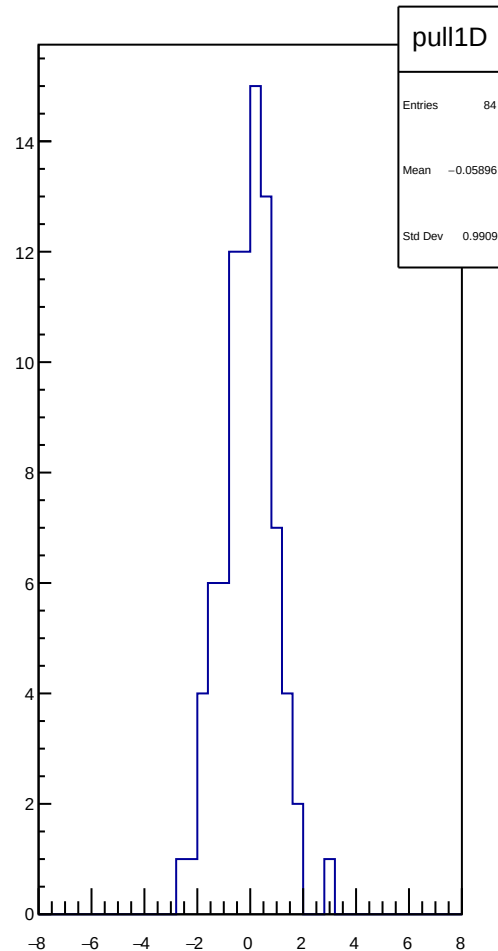
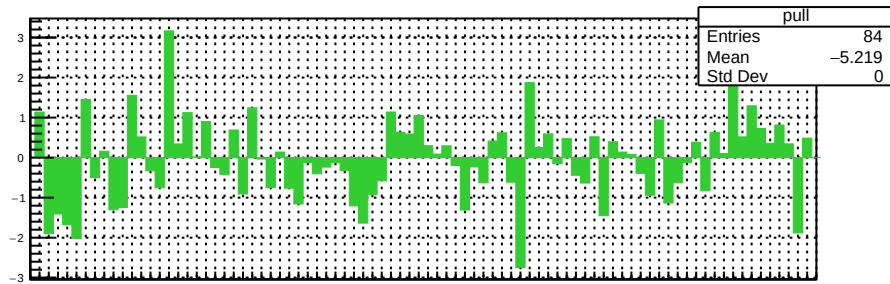
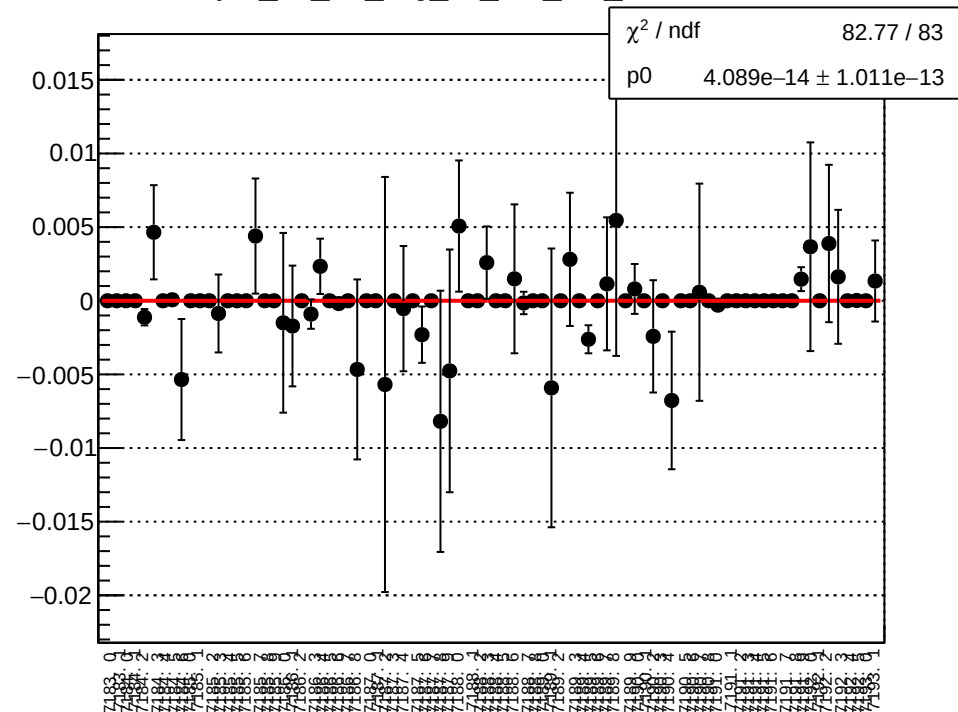
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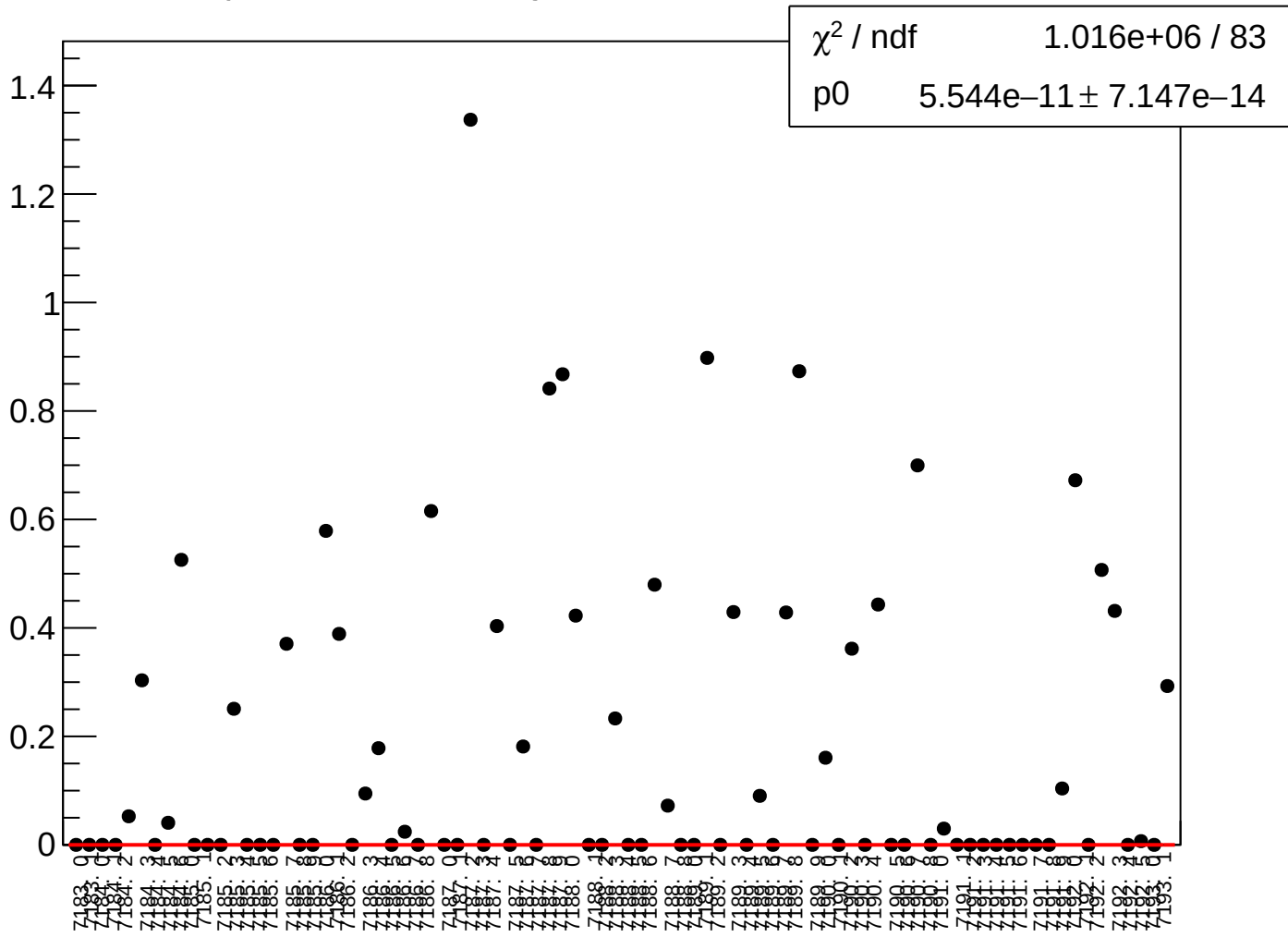
asym_atl_dd_rms vs run



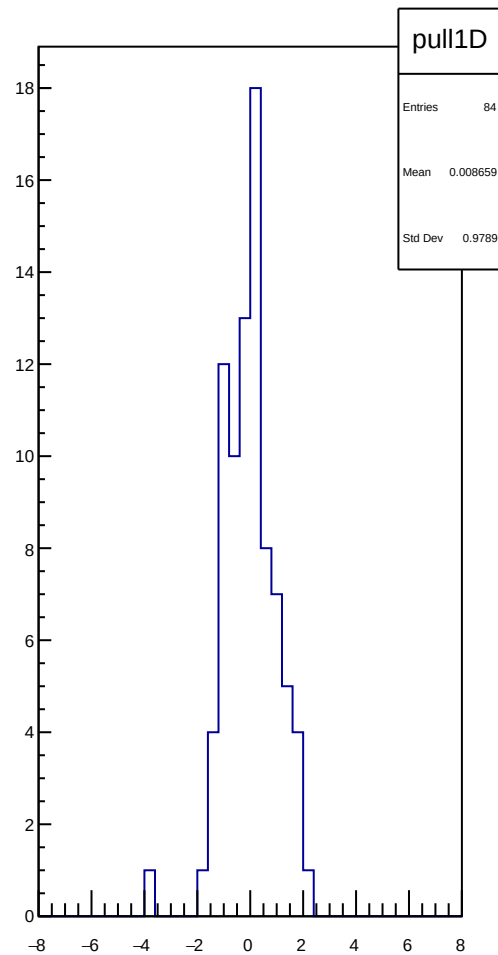
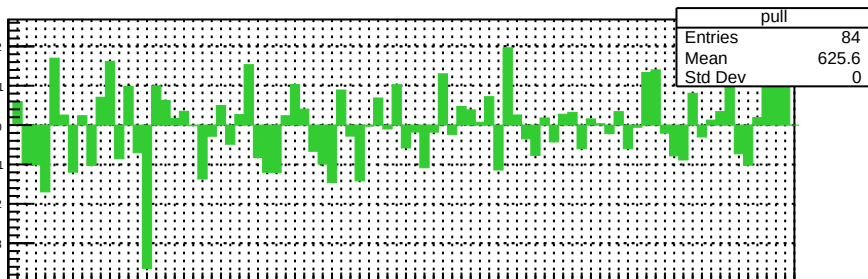
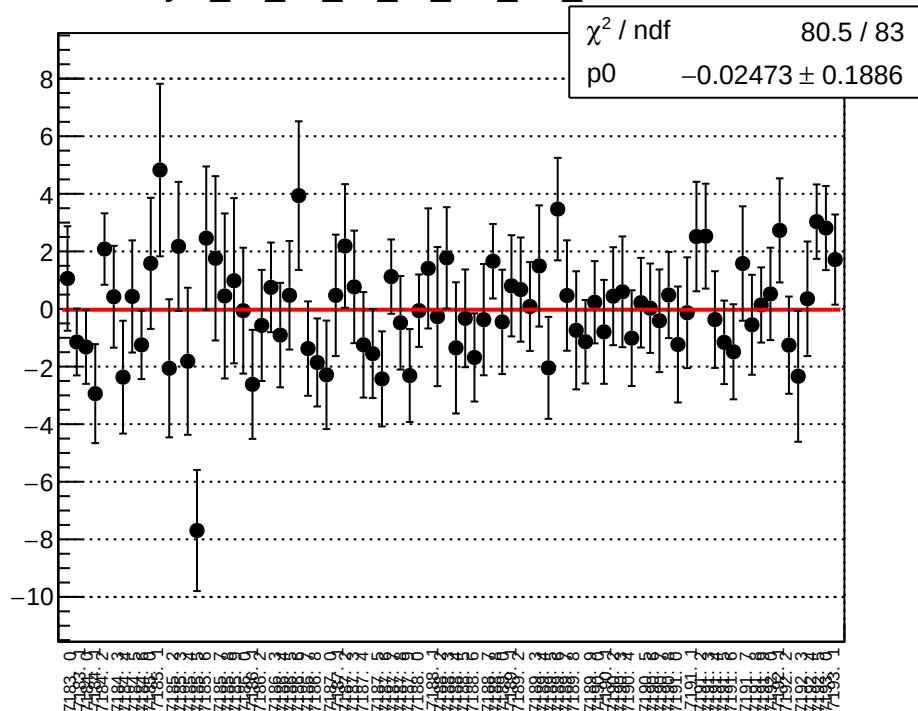
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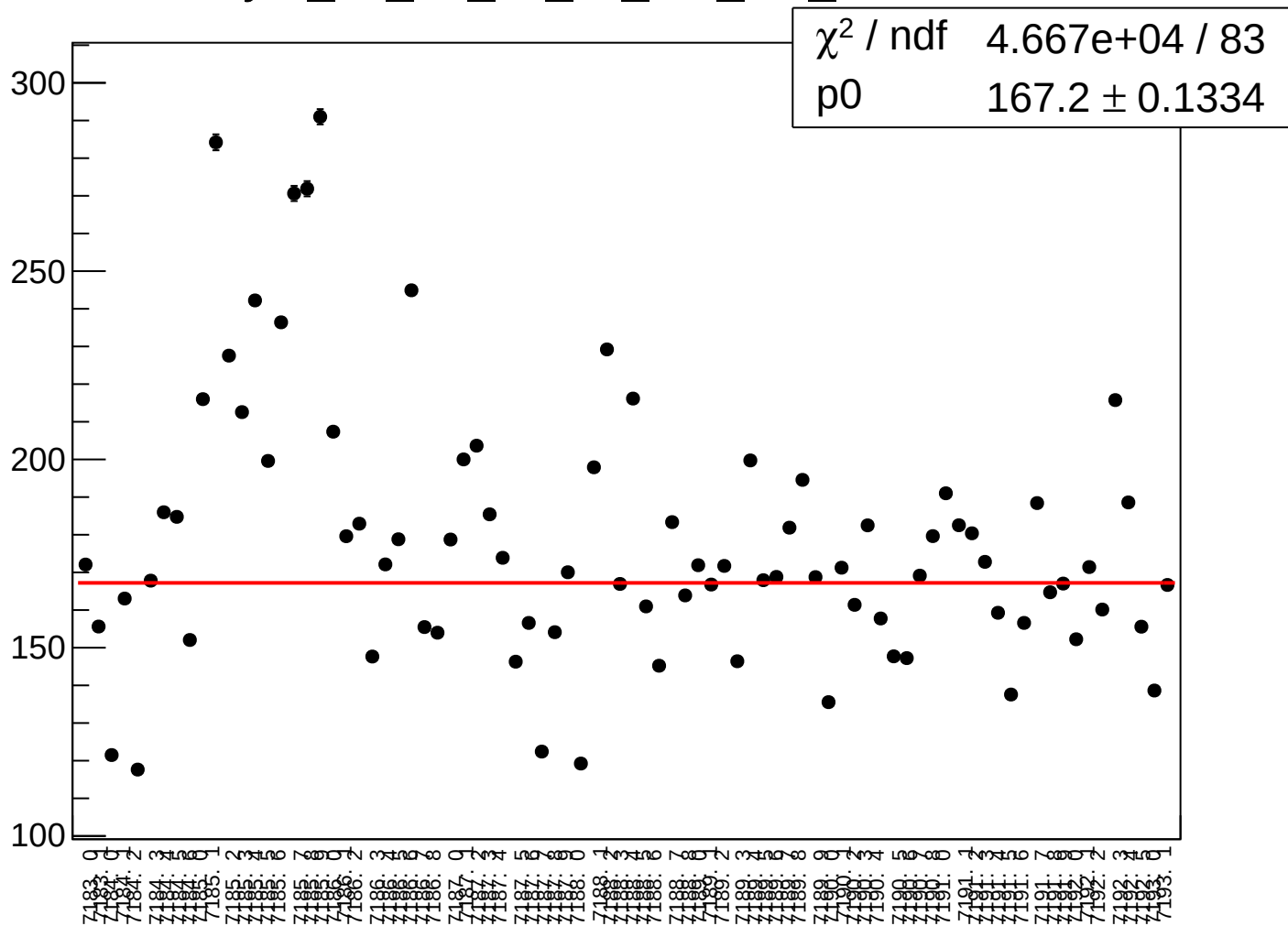
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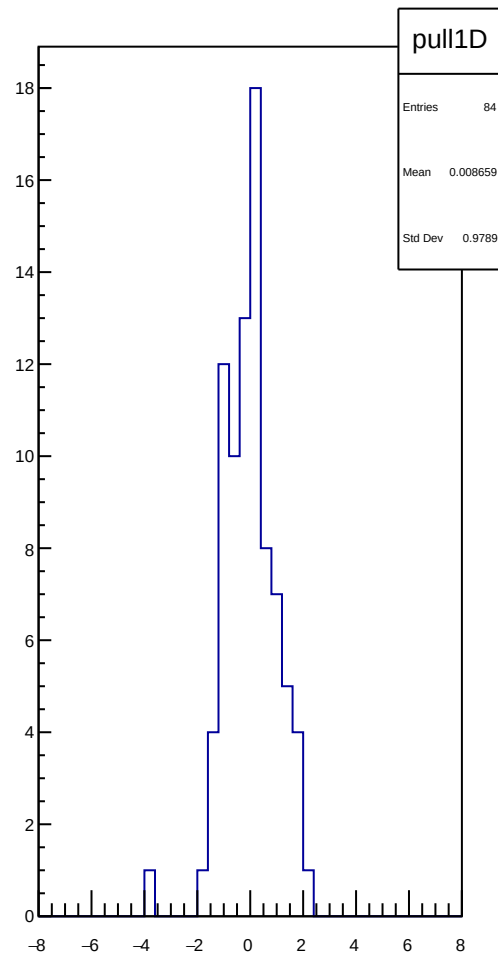
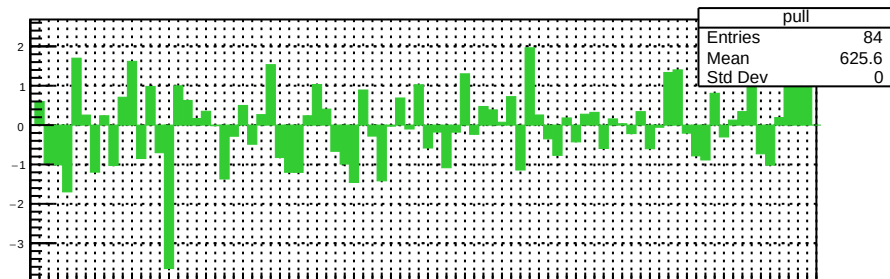
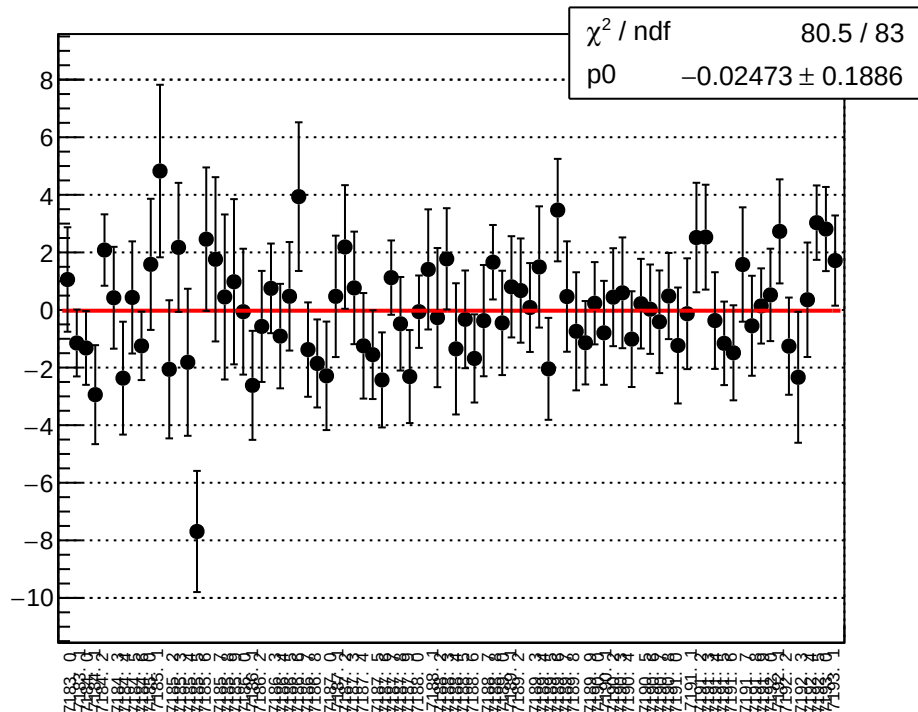
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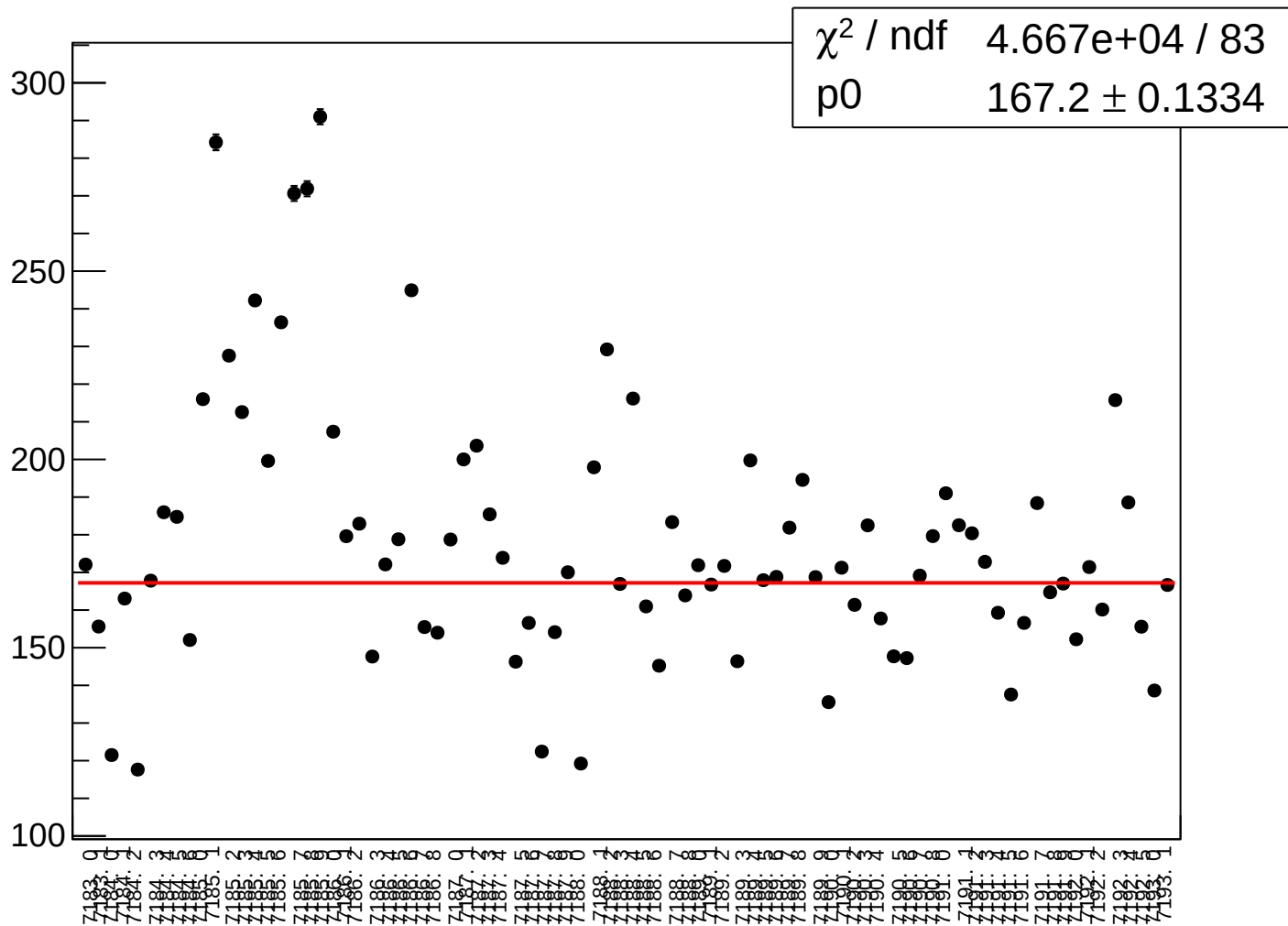
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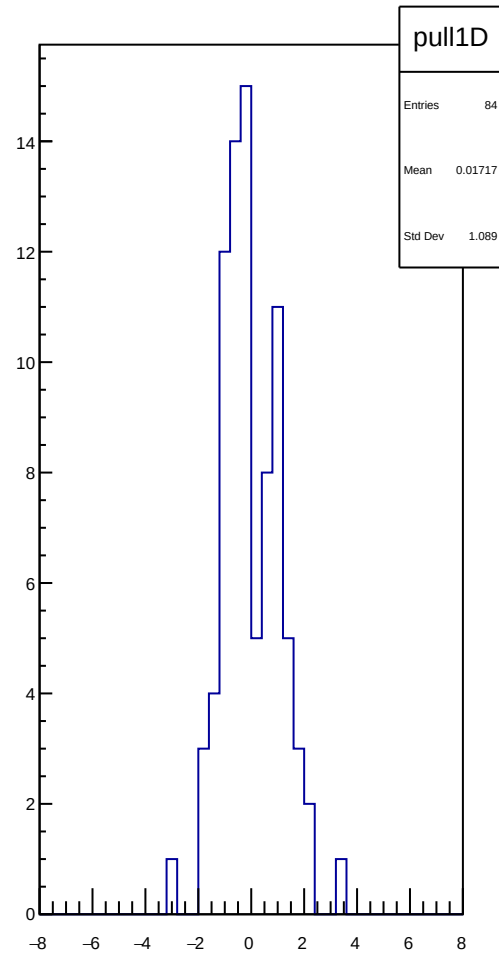
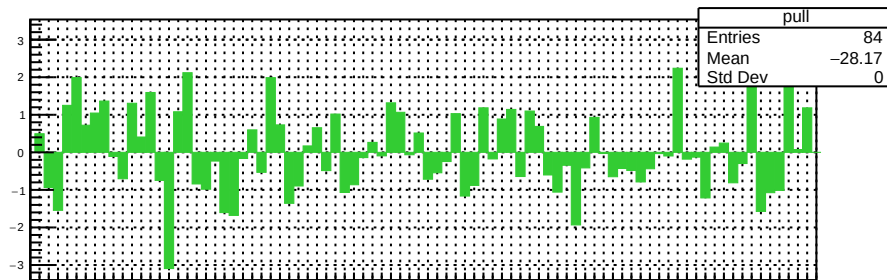
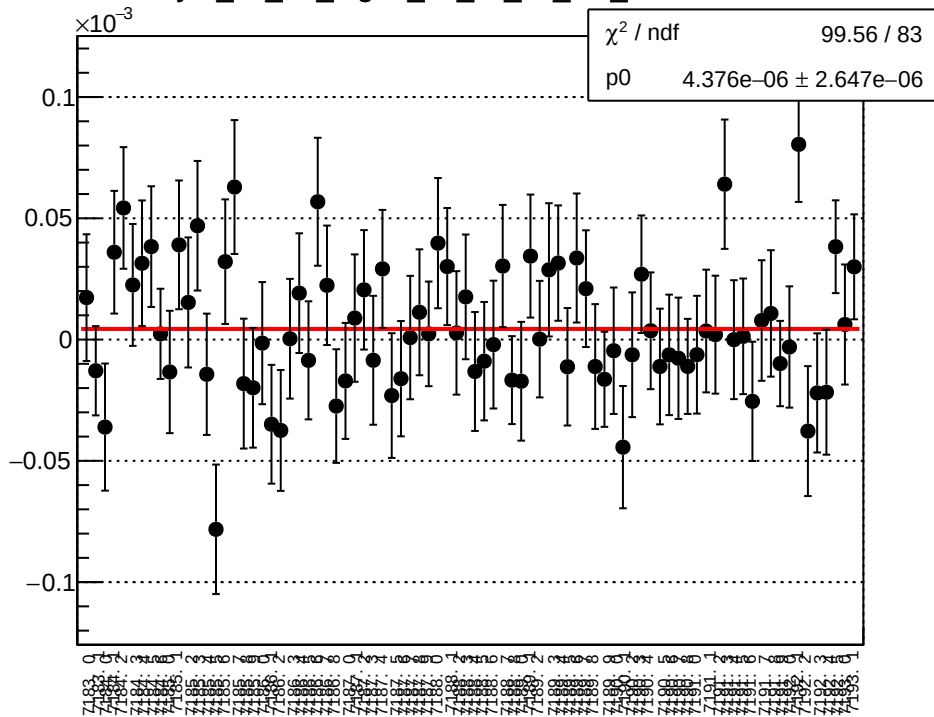
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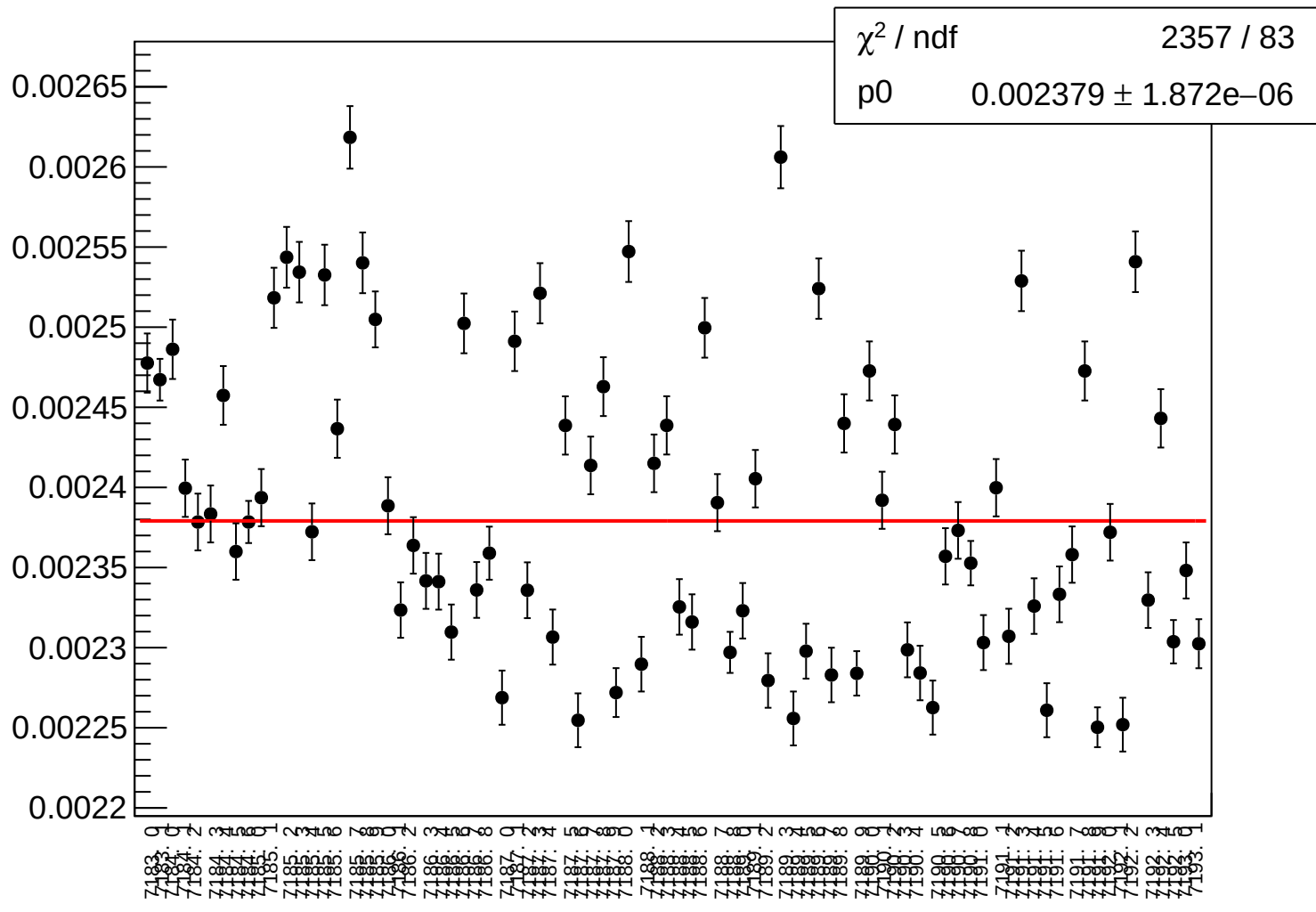
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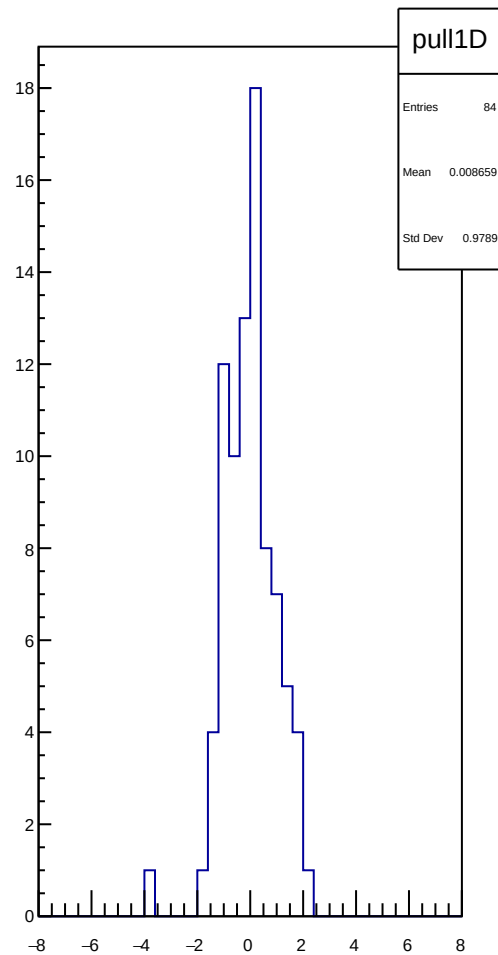
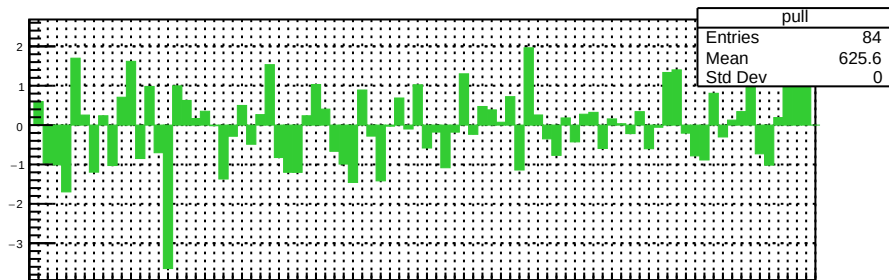
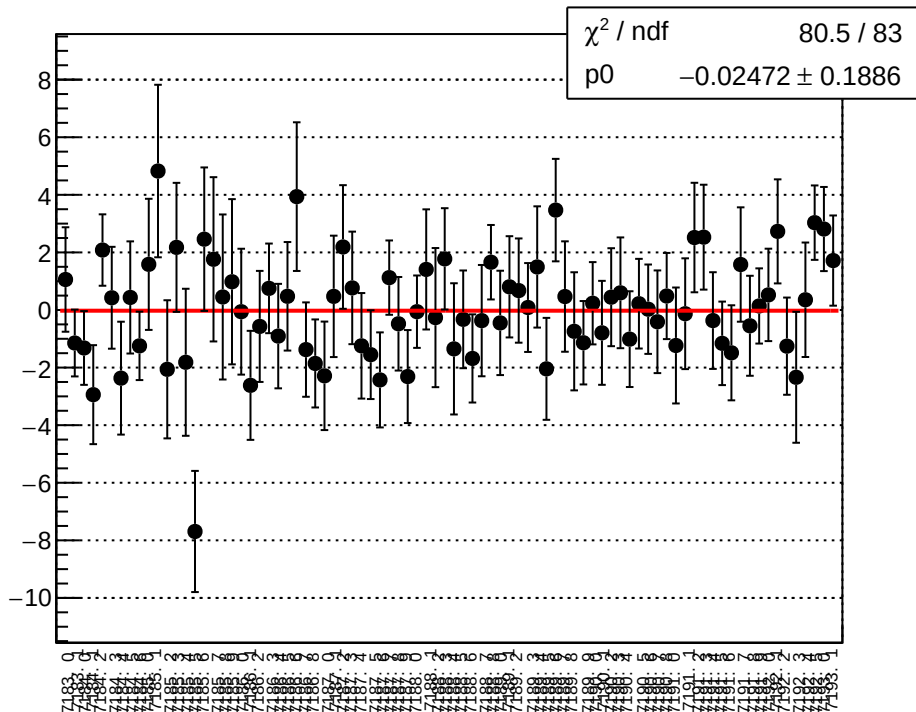
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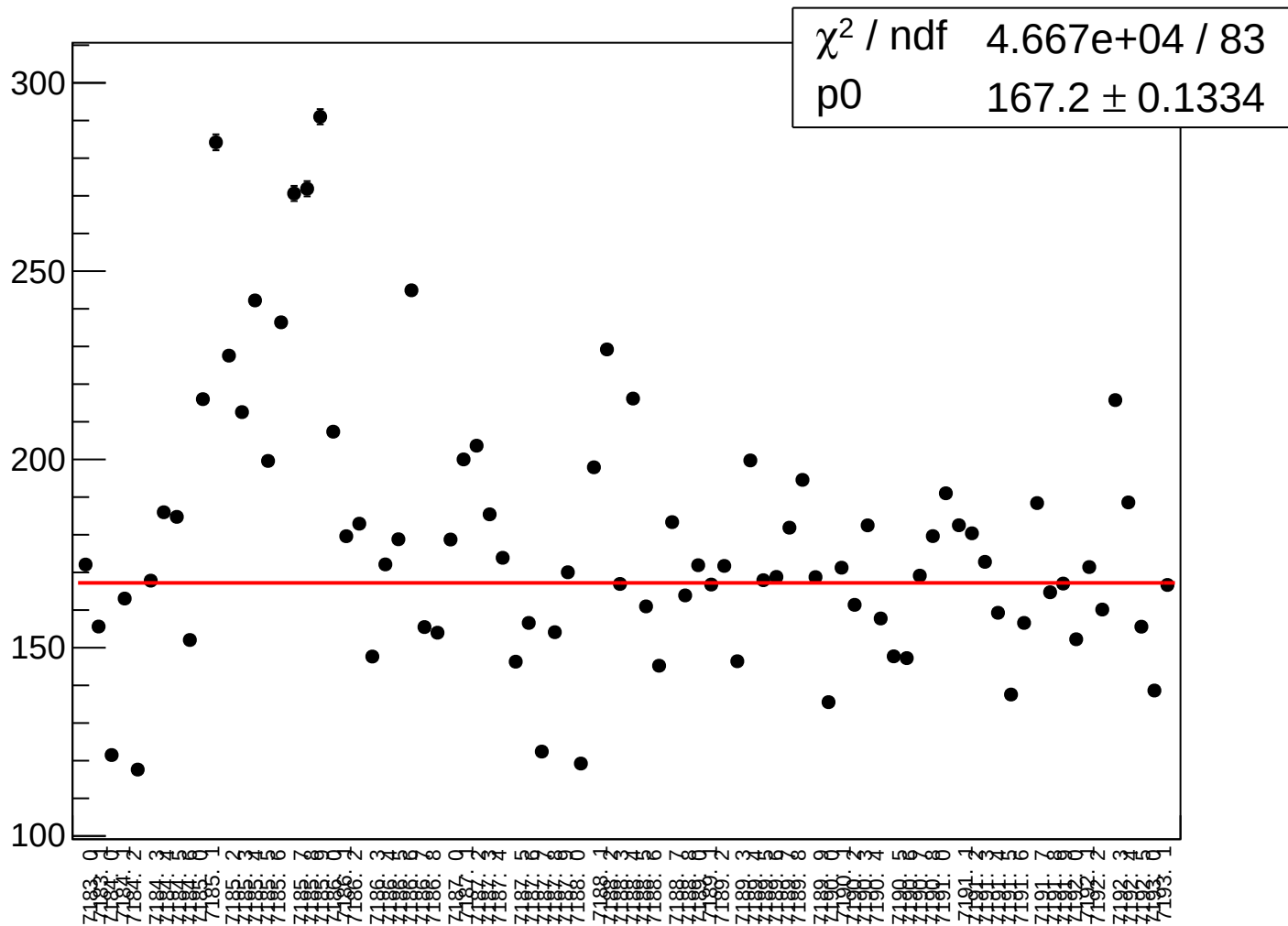
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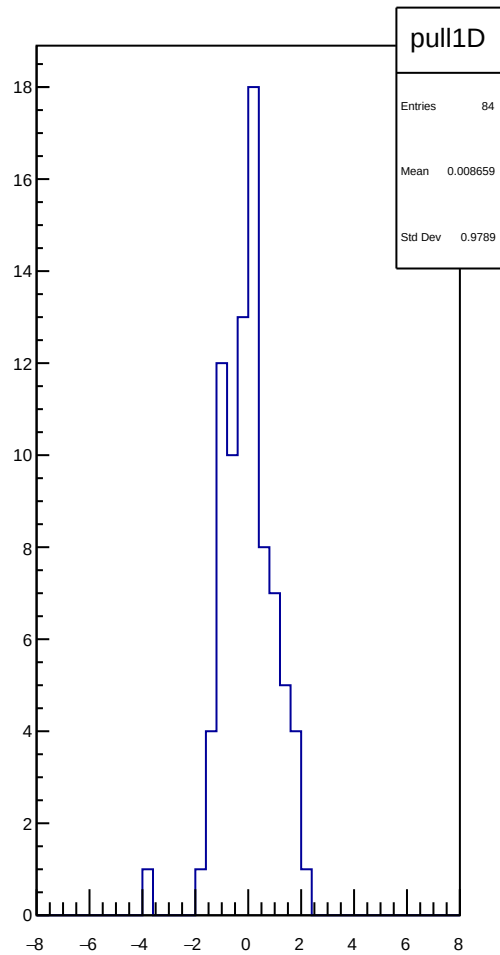
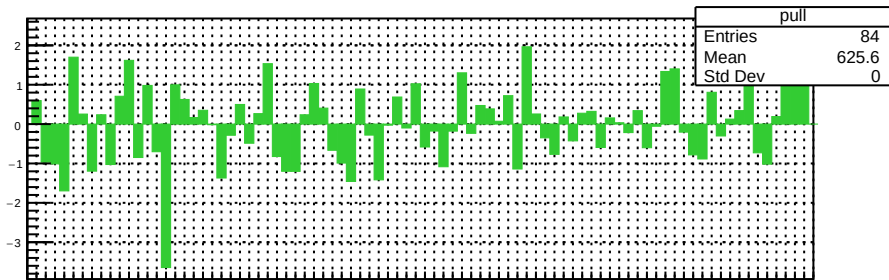
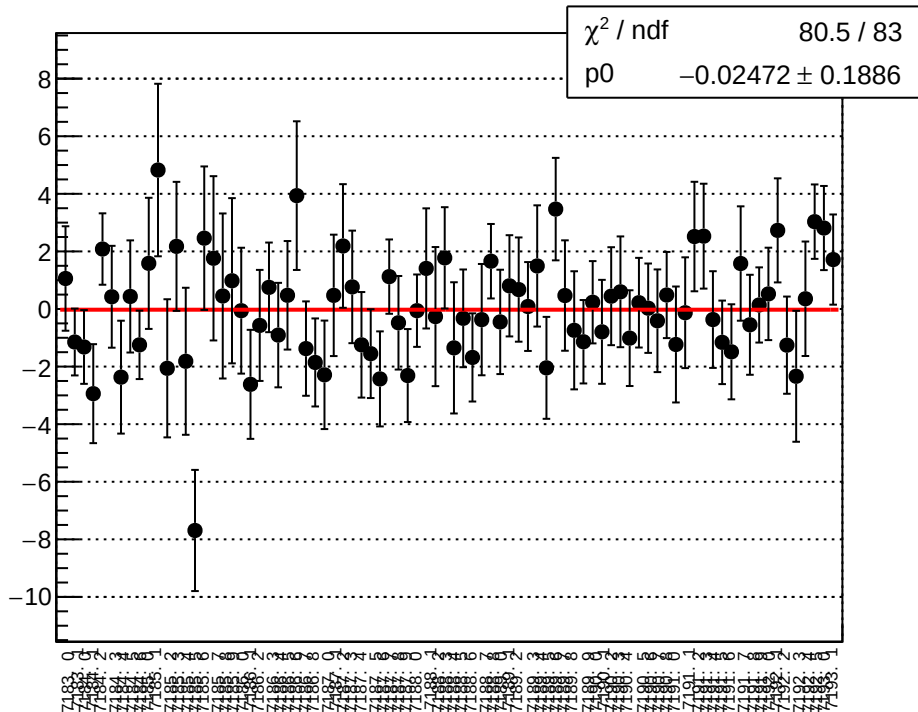
asym_atl_dd_eigen_dit_vs_cor_diff_mean vs run



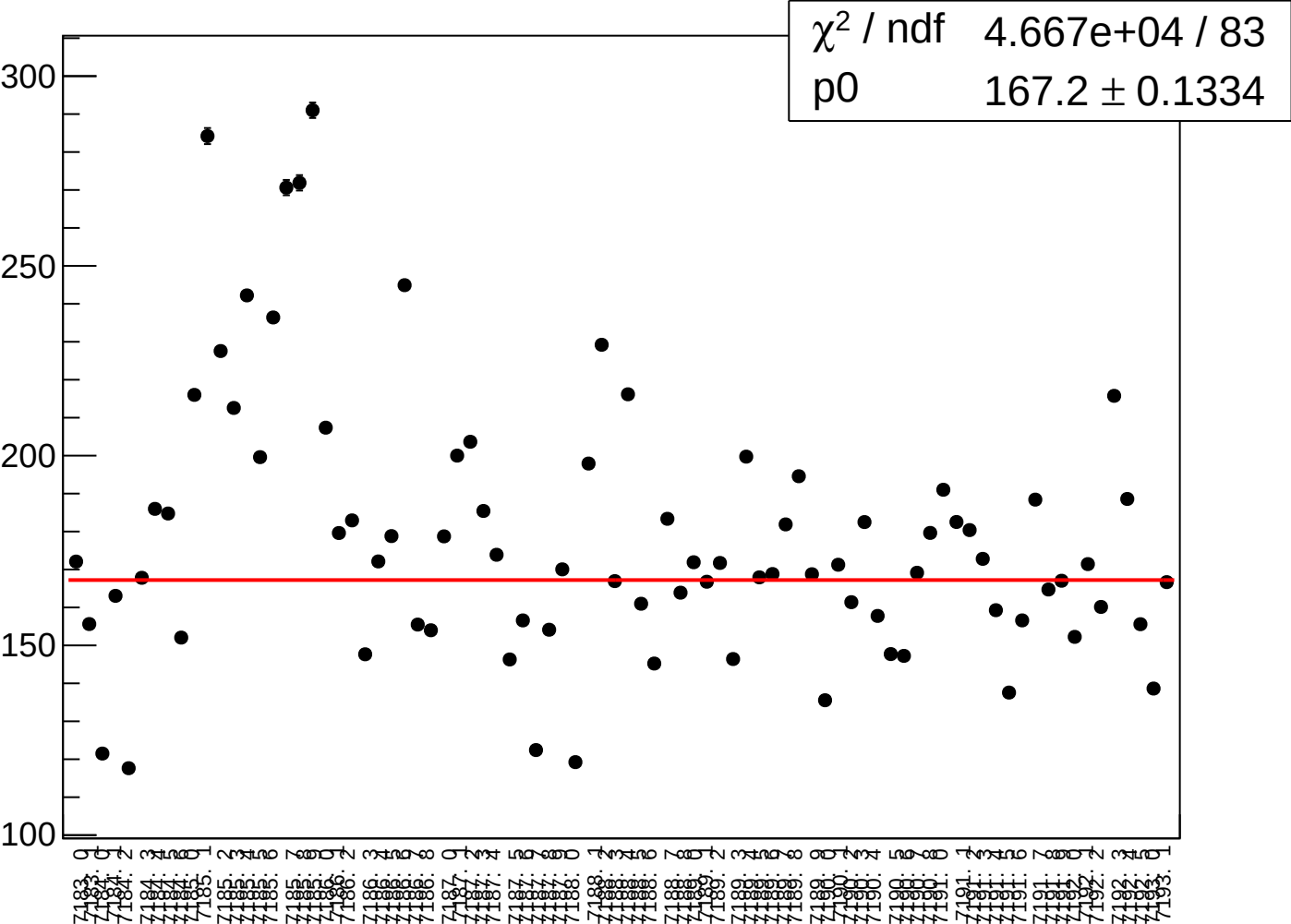
asym_atl_dd_eigen_dit_vs_cor_diff_rms vs run



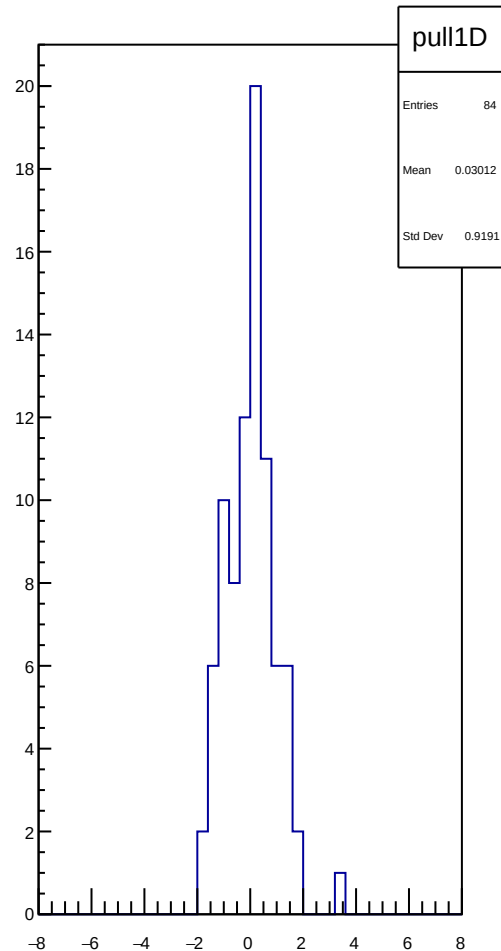
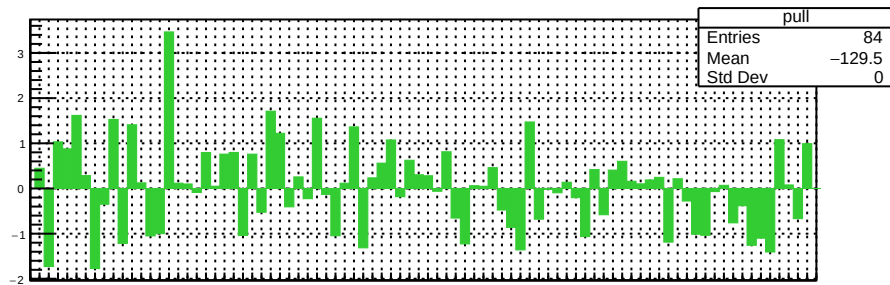
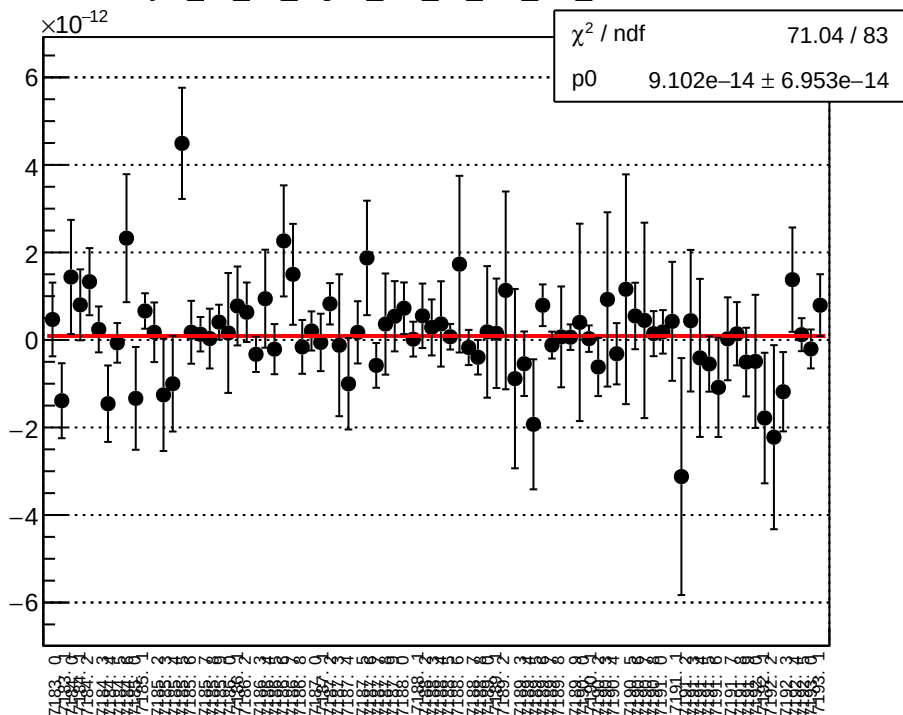
asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



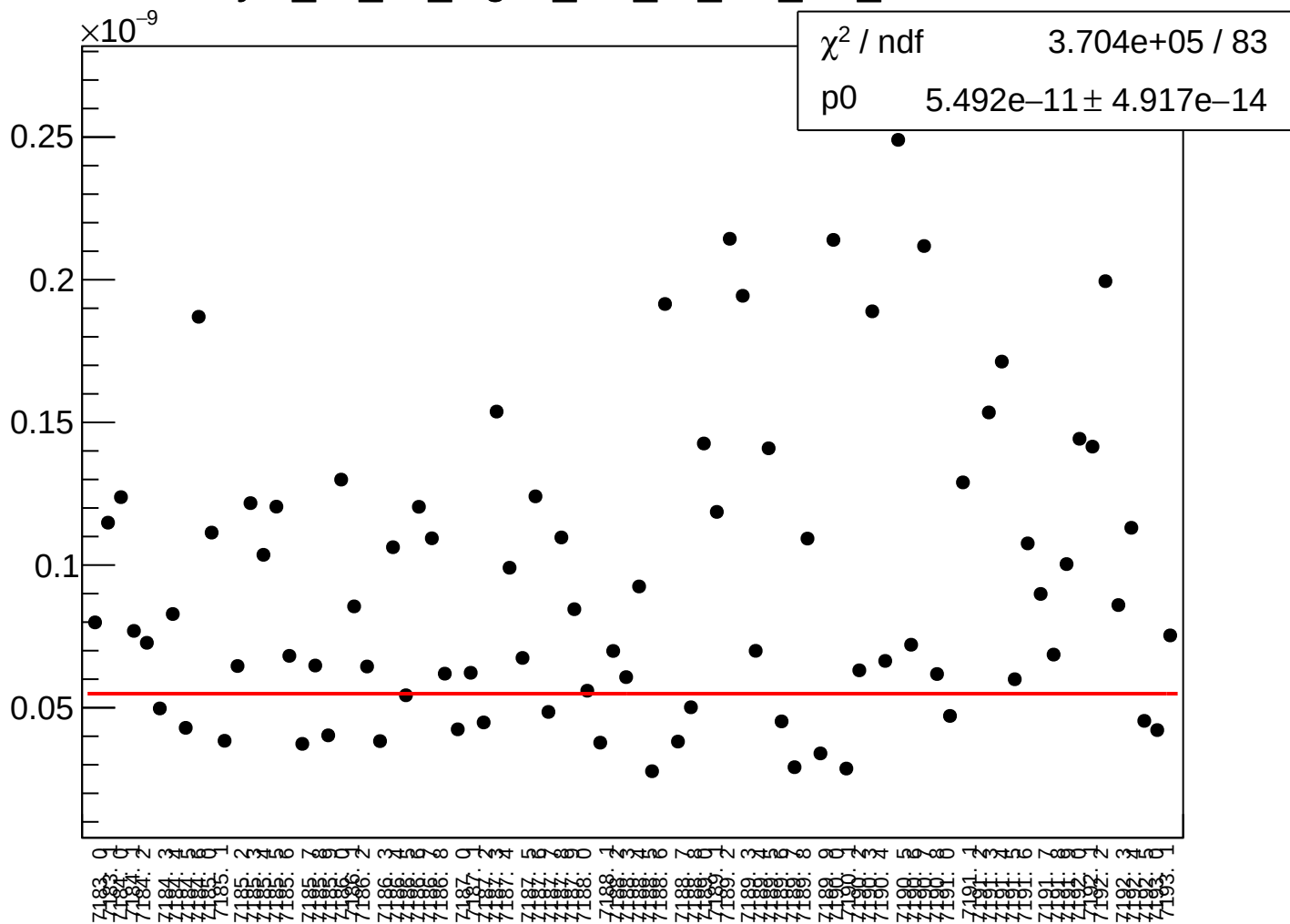
asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



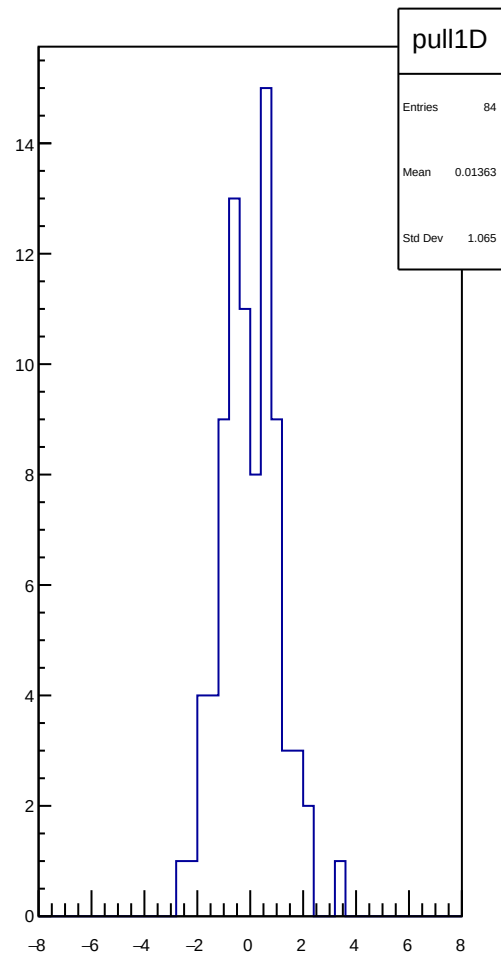
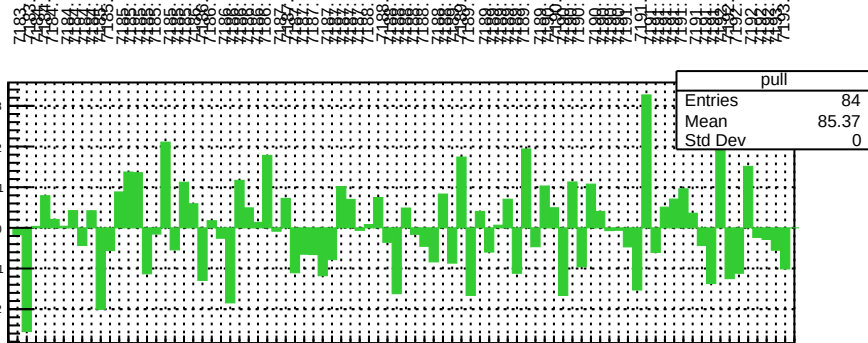
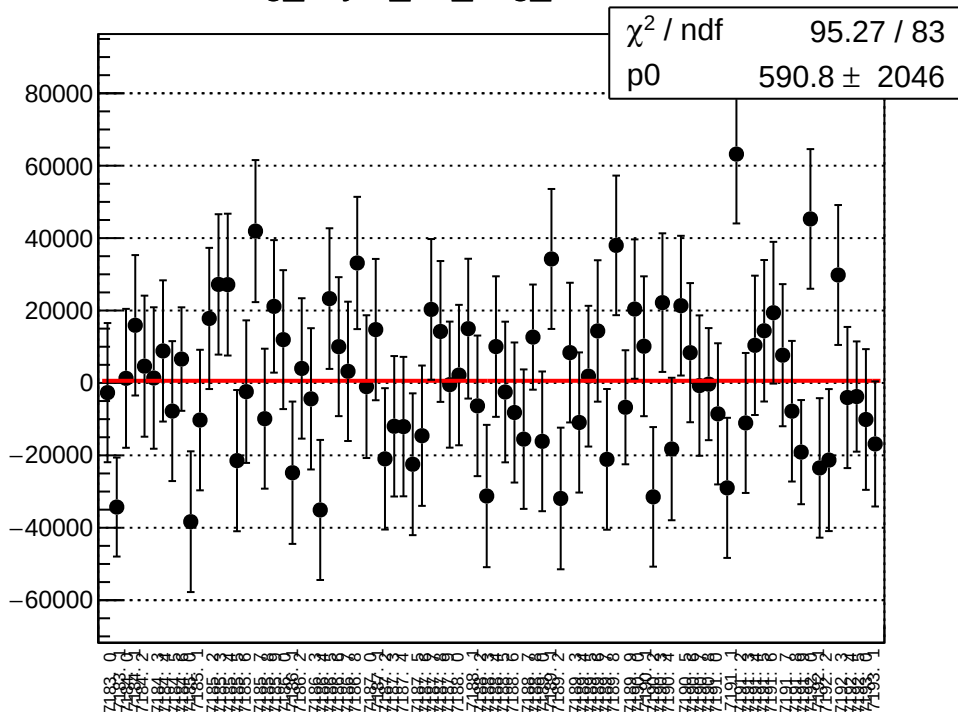
asym_atl_dd_eigen_cor_vs_cor_diff_mean vs run



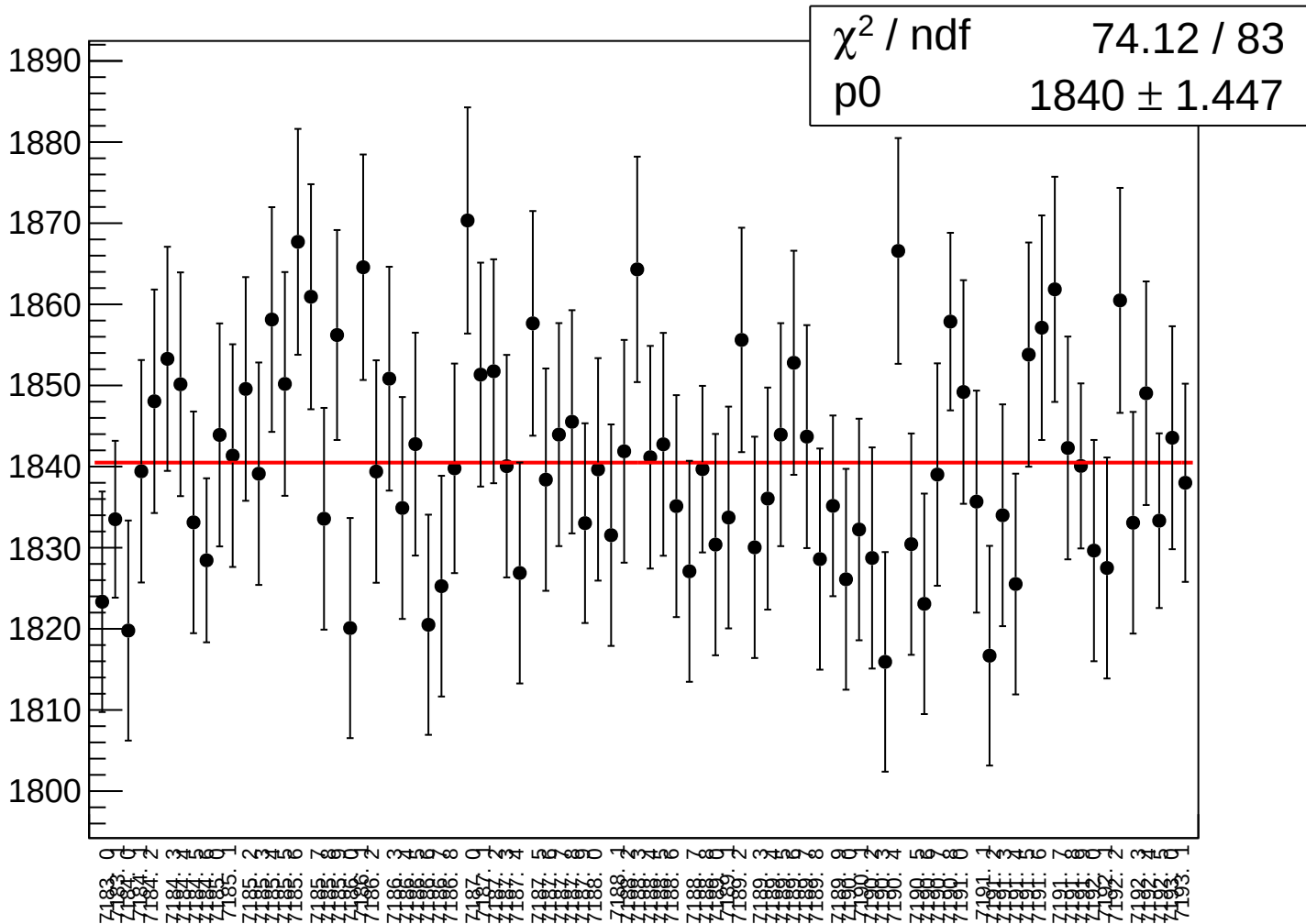
asym atl dd eigen cor vs cor diff rms vs run



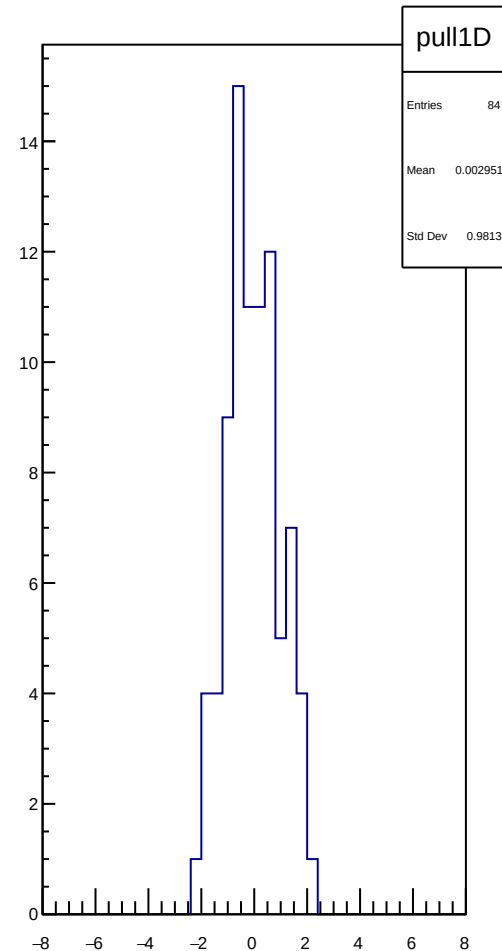
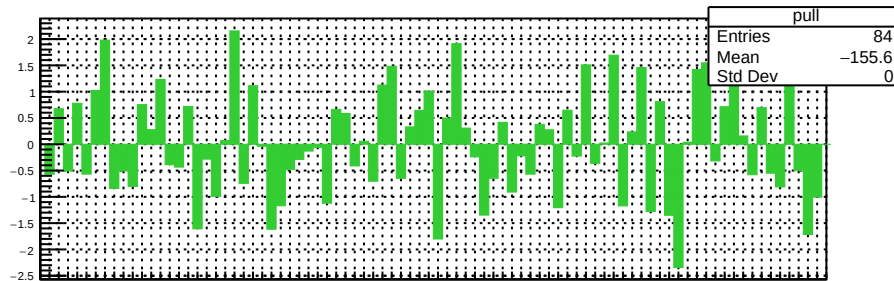
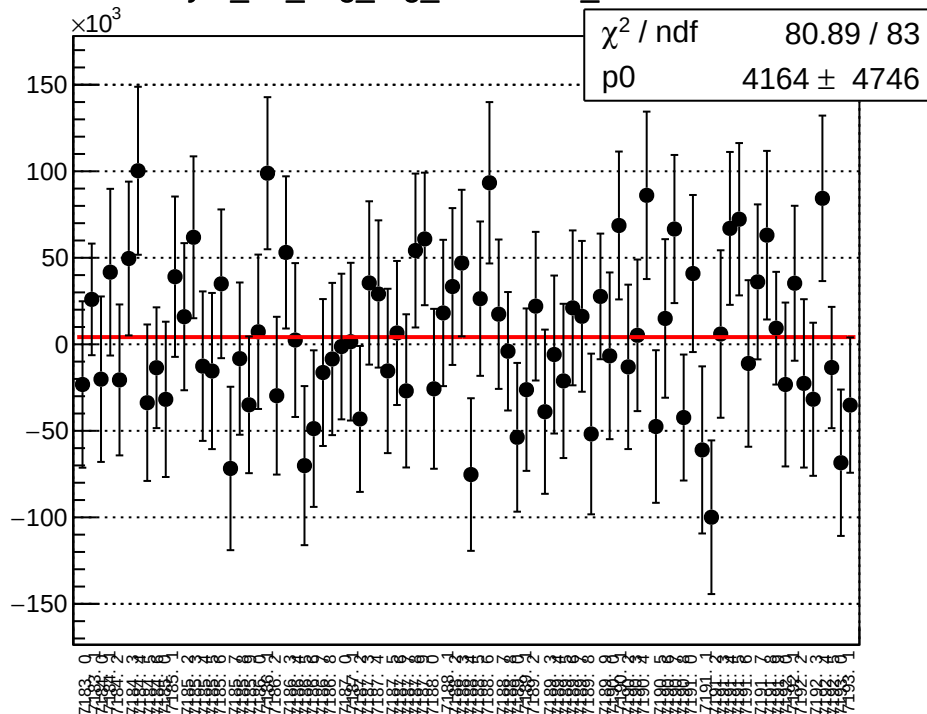
reg_asym_atr_avg_mean vs run



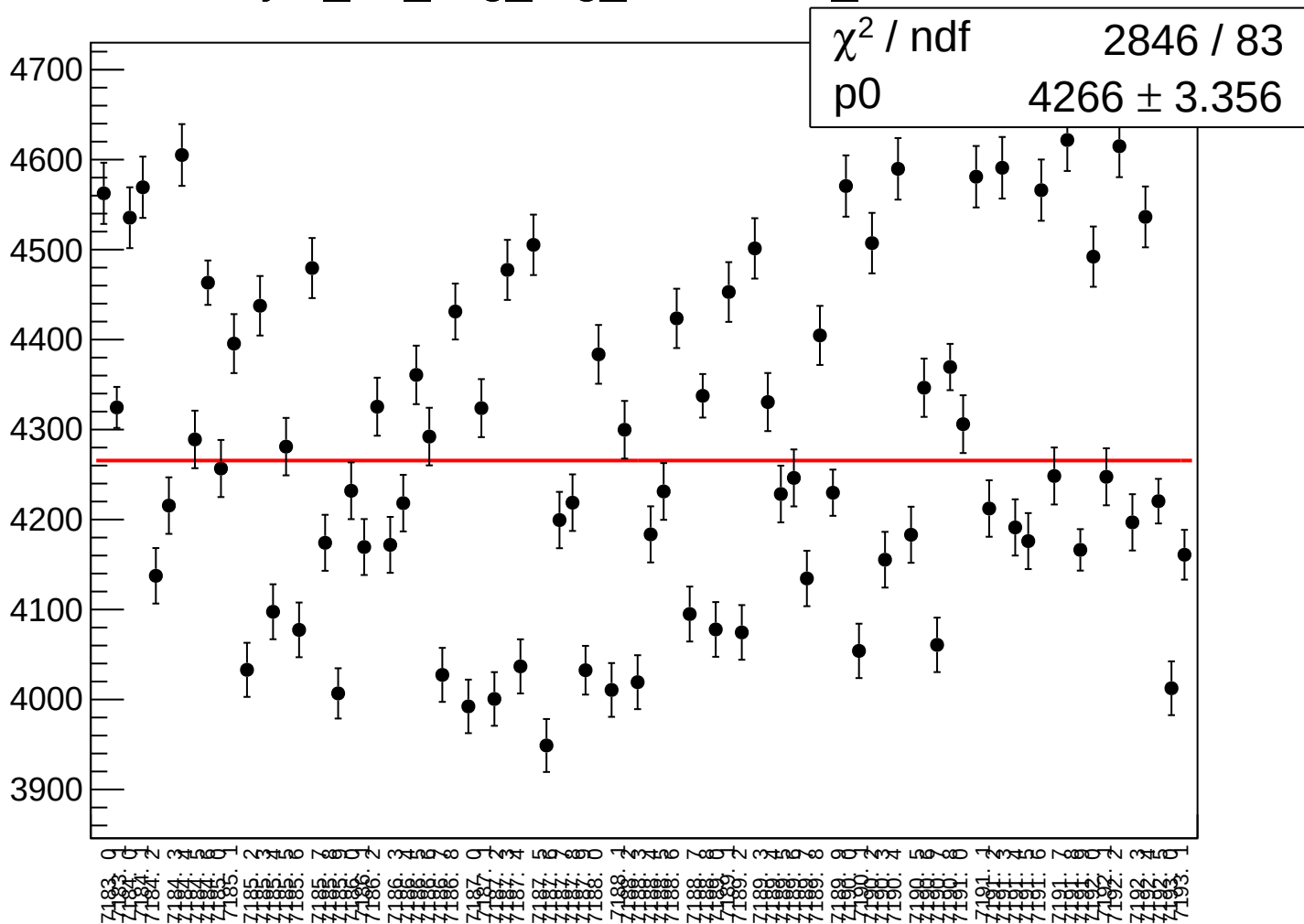
reg_asym_atr_avg_rms vs run



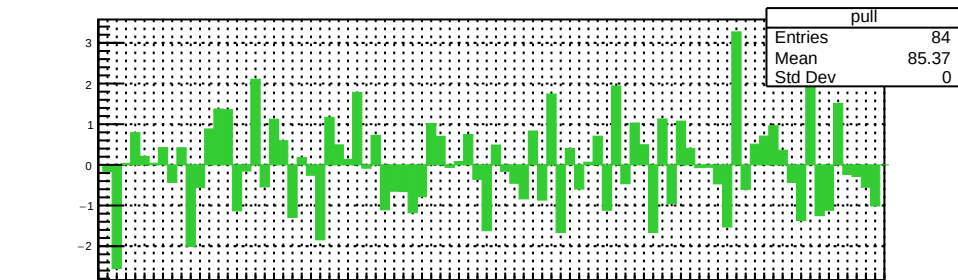
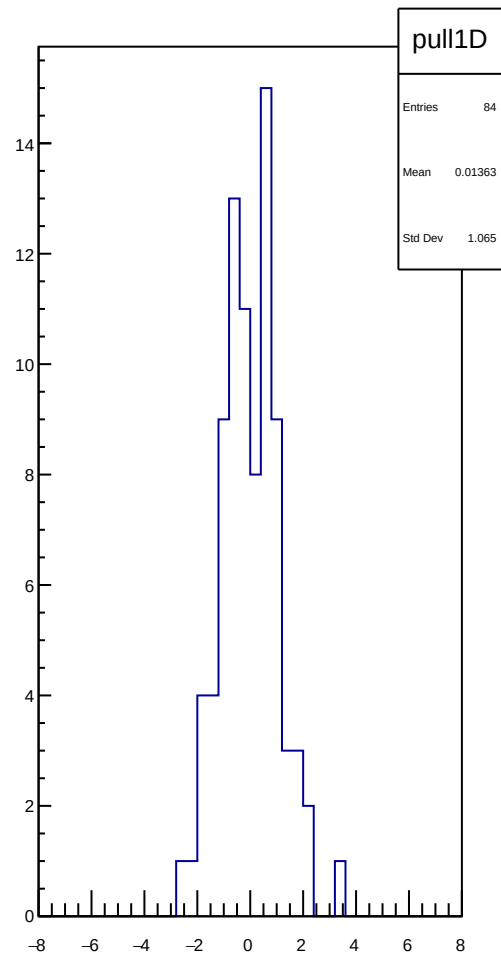
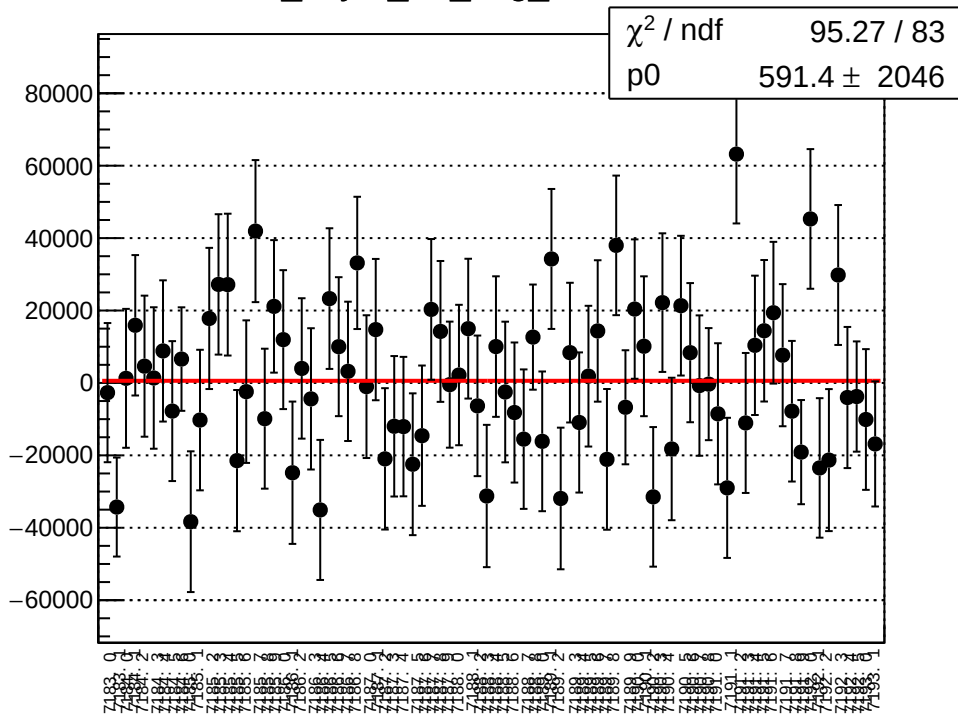
asym_atr_avg_reg_correction_mean vs run



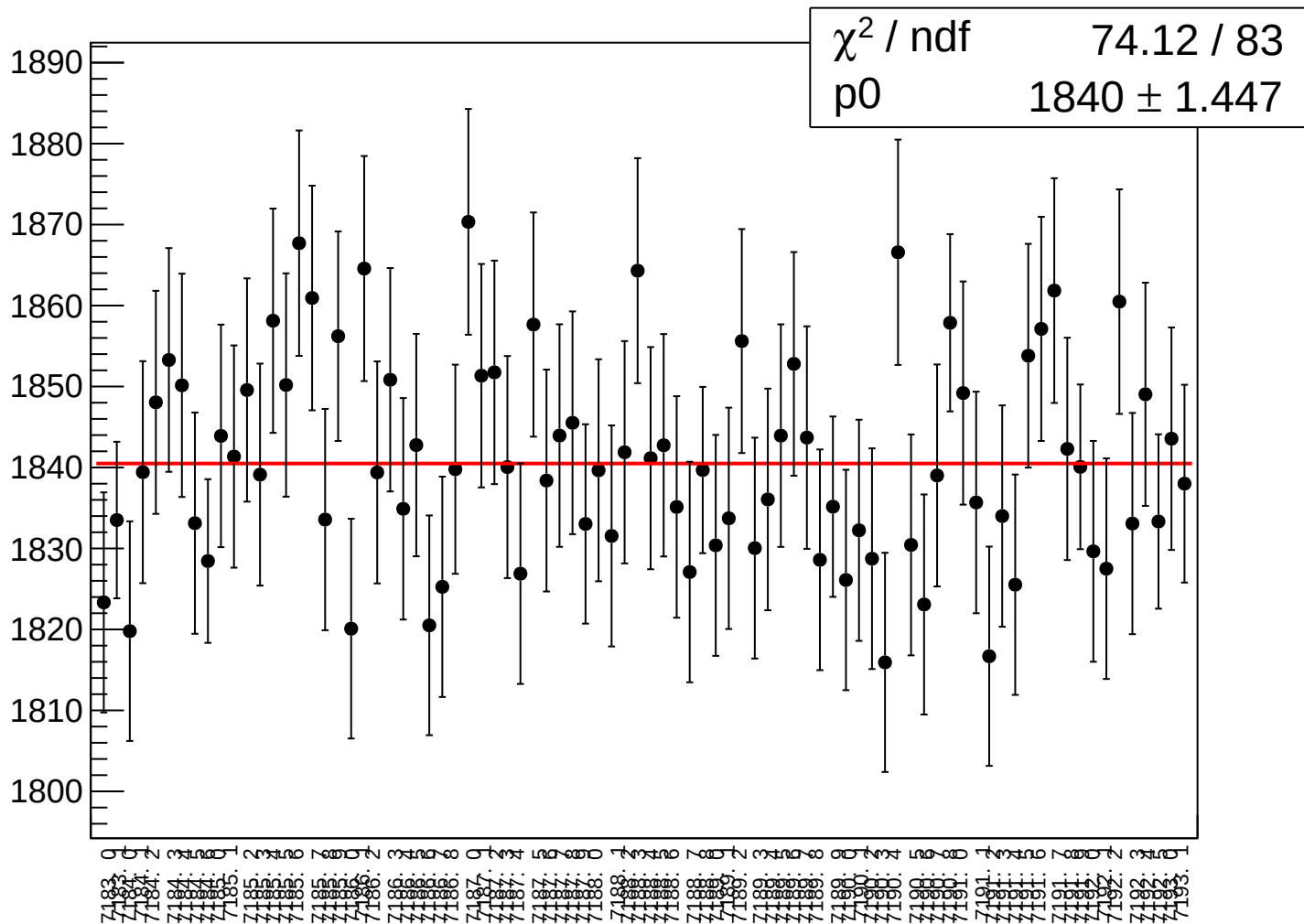
asym_atr_avg_reg_correction_rms vs run



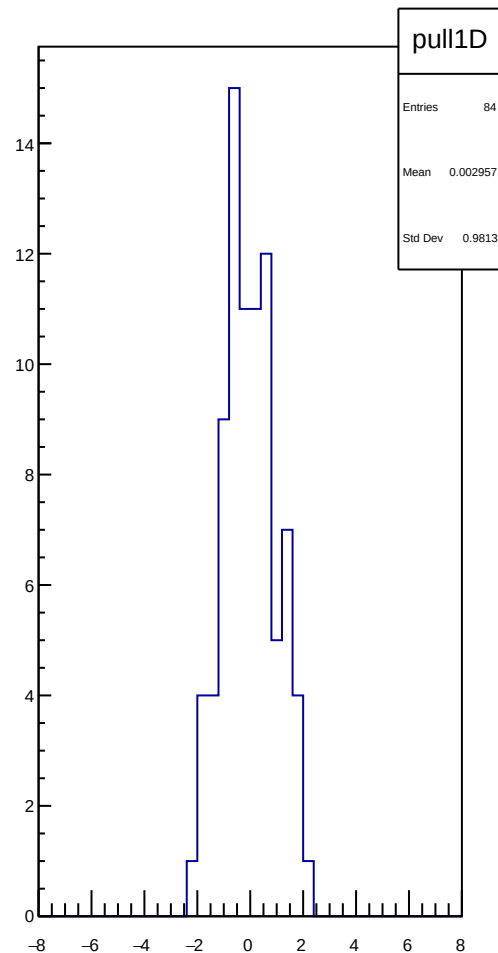
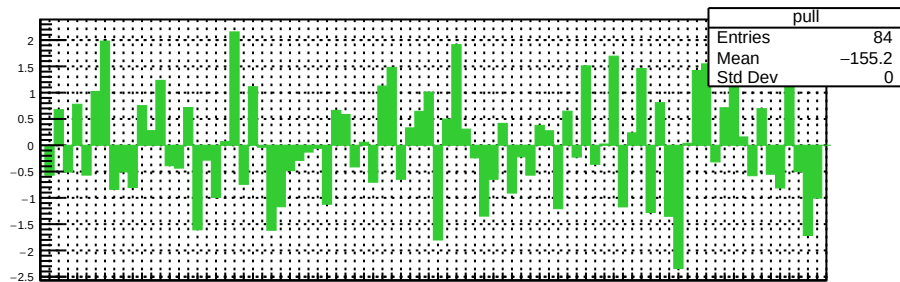
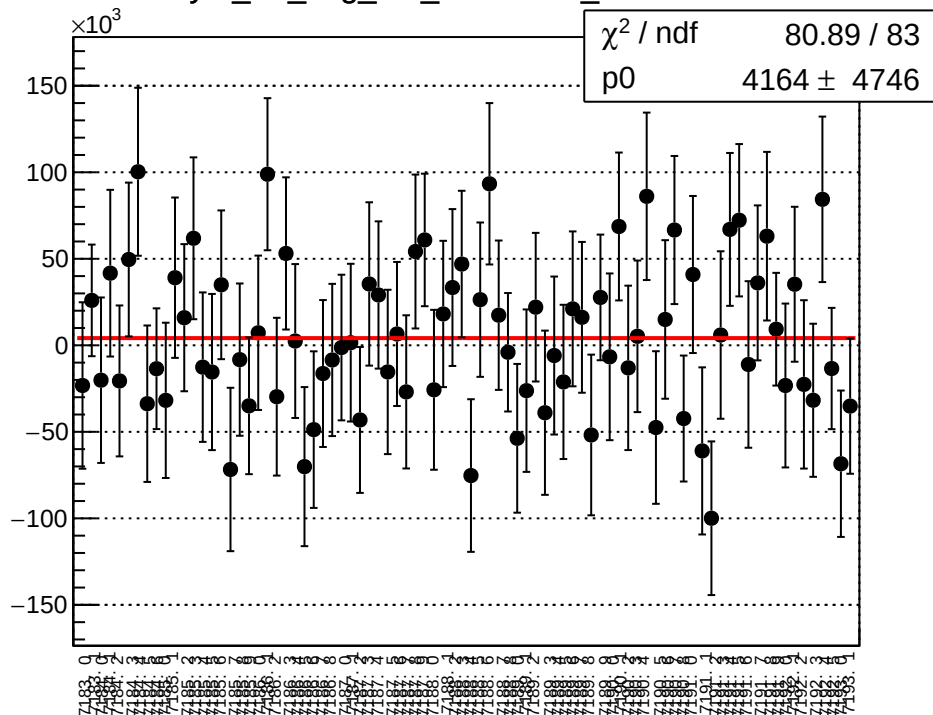
cor_asym_atr_avg_mean vs run



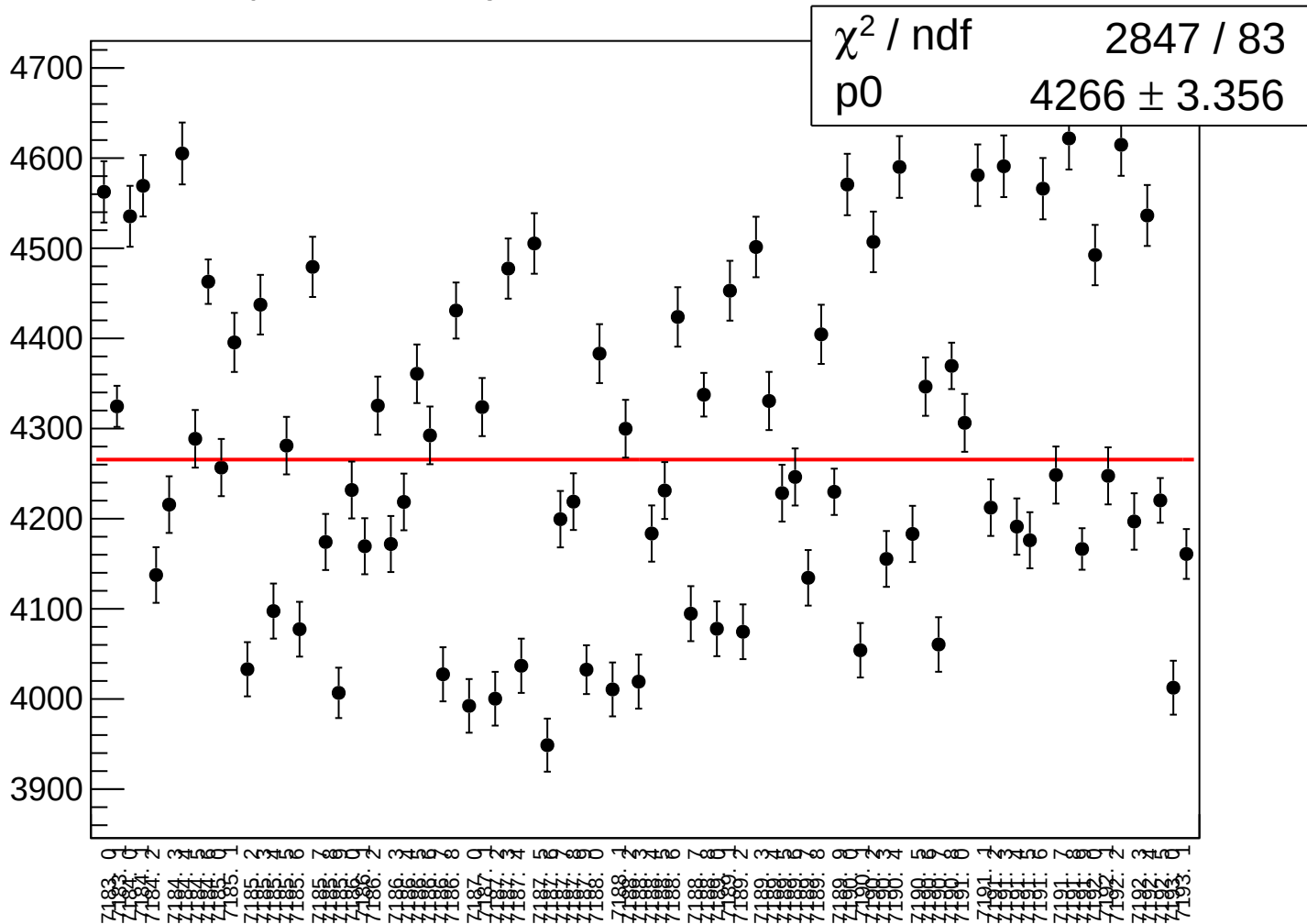
cor_asym_atr_avg_rms vs run



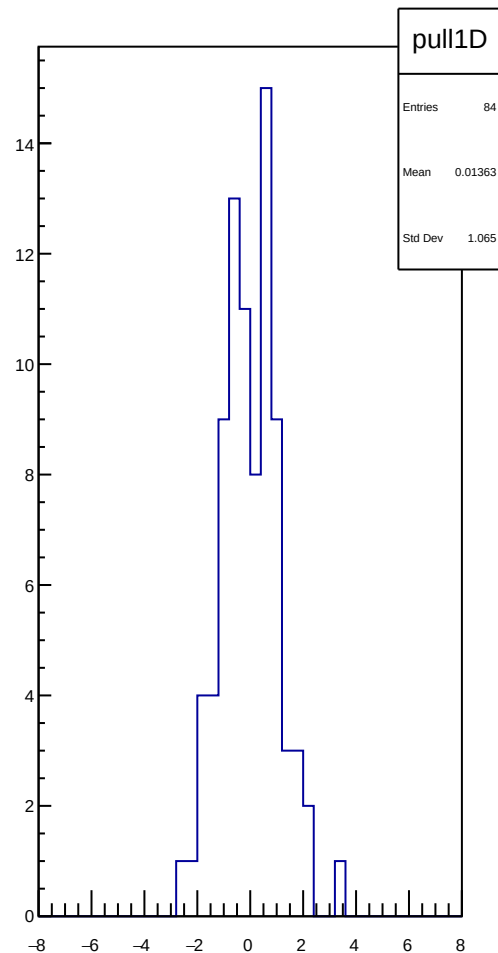
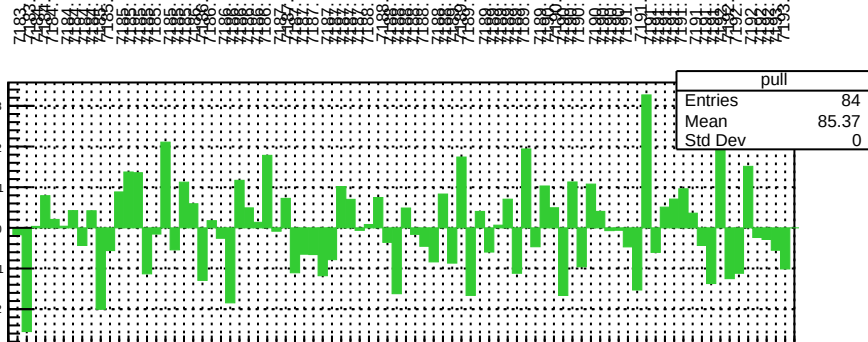
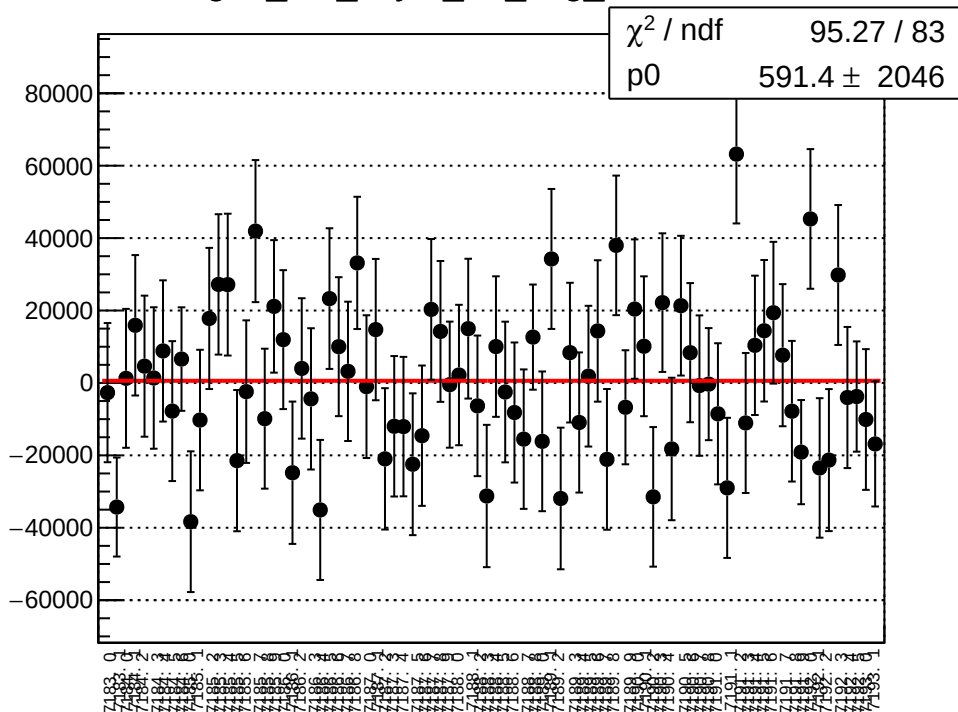
asym_atr_avg_cor_correction_mean vs run



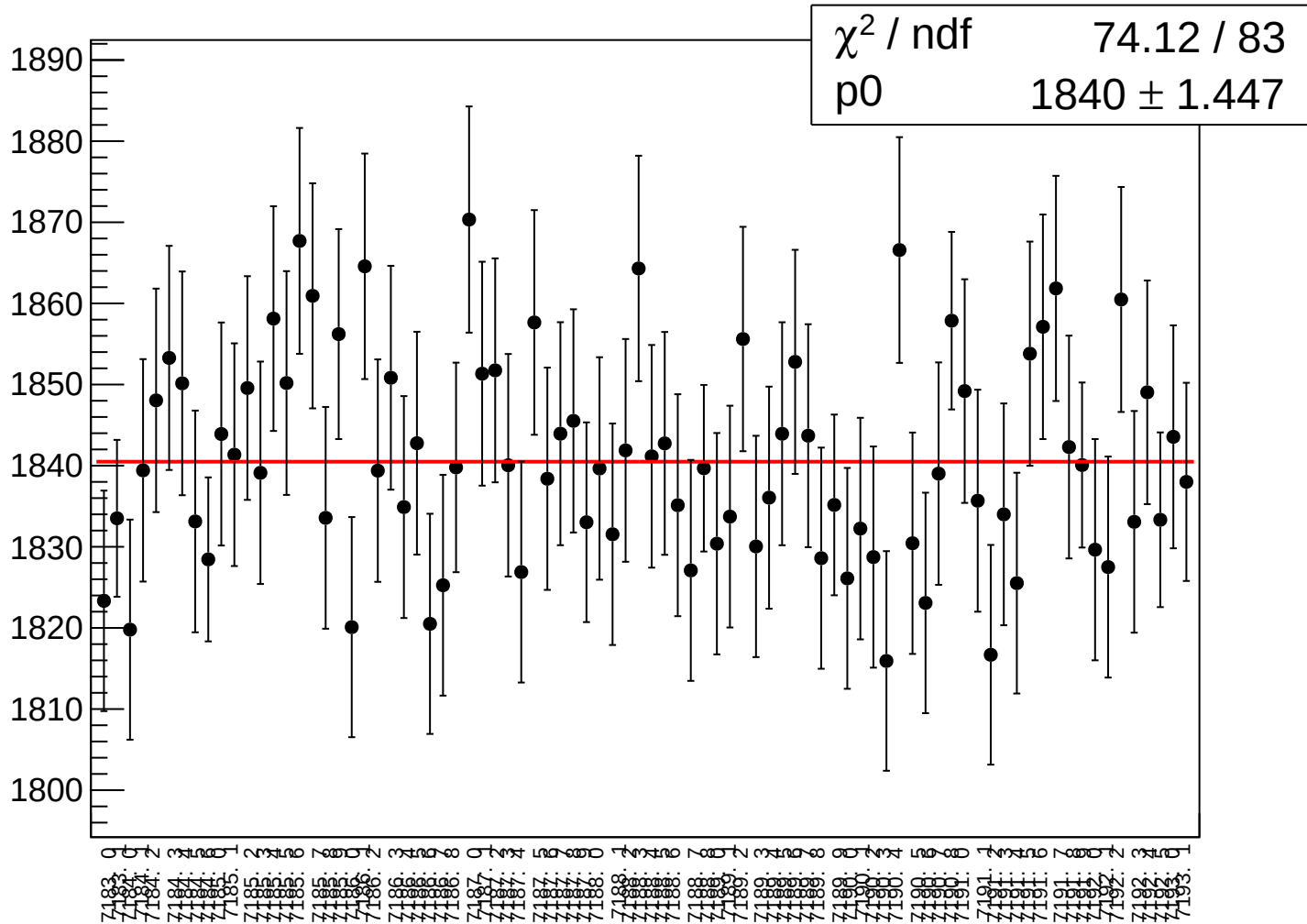
asym_atr_avg_cor_correction_rms vs run



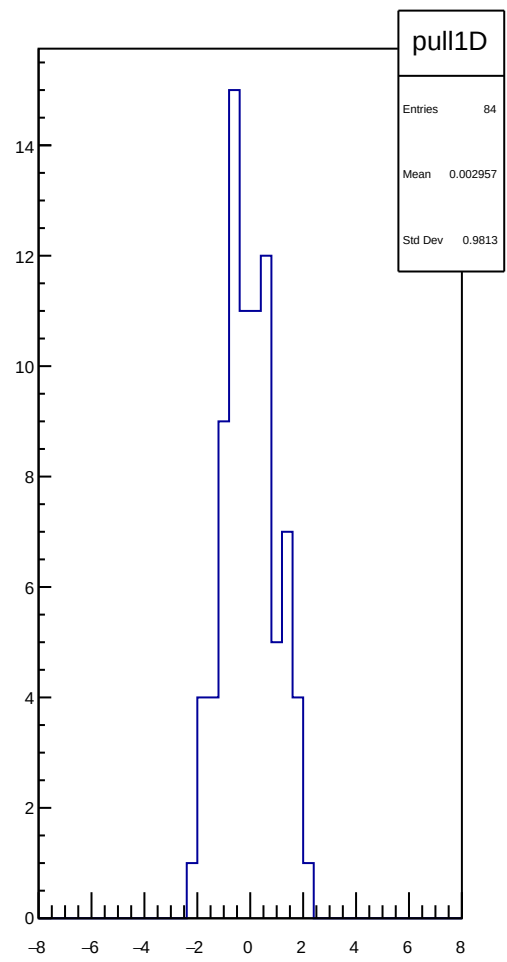
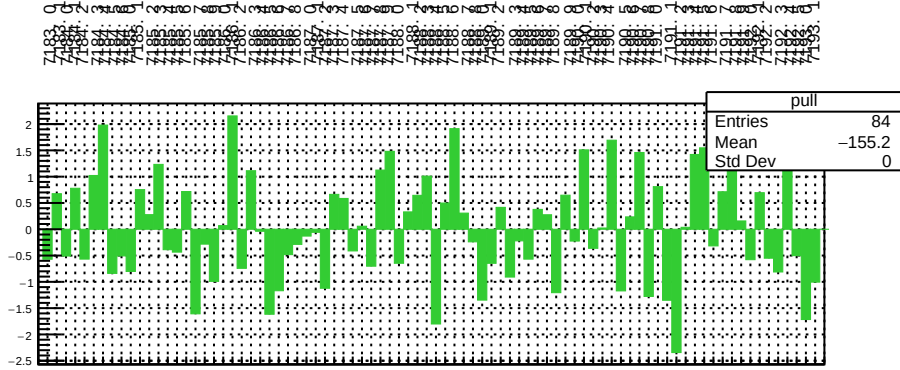
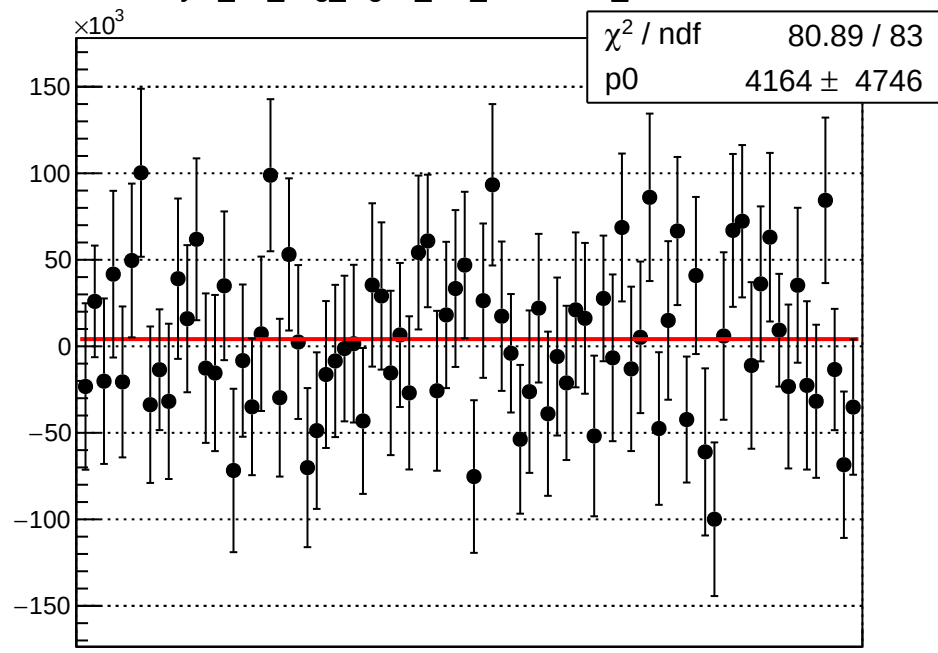
eigen_cor_asym_atr_avg_mean vs run



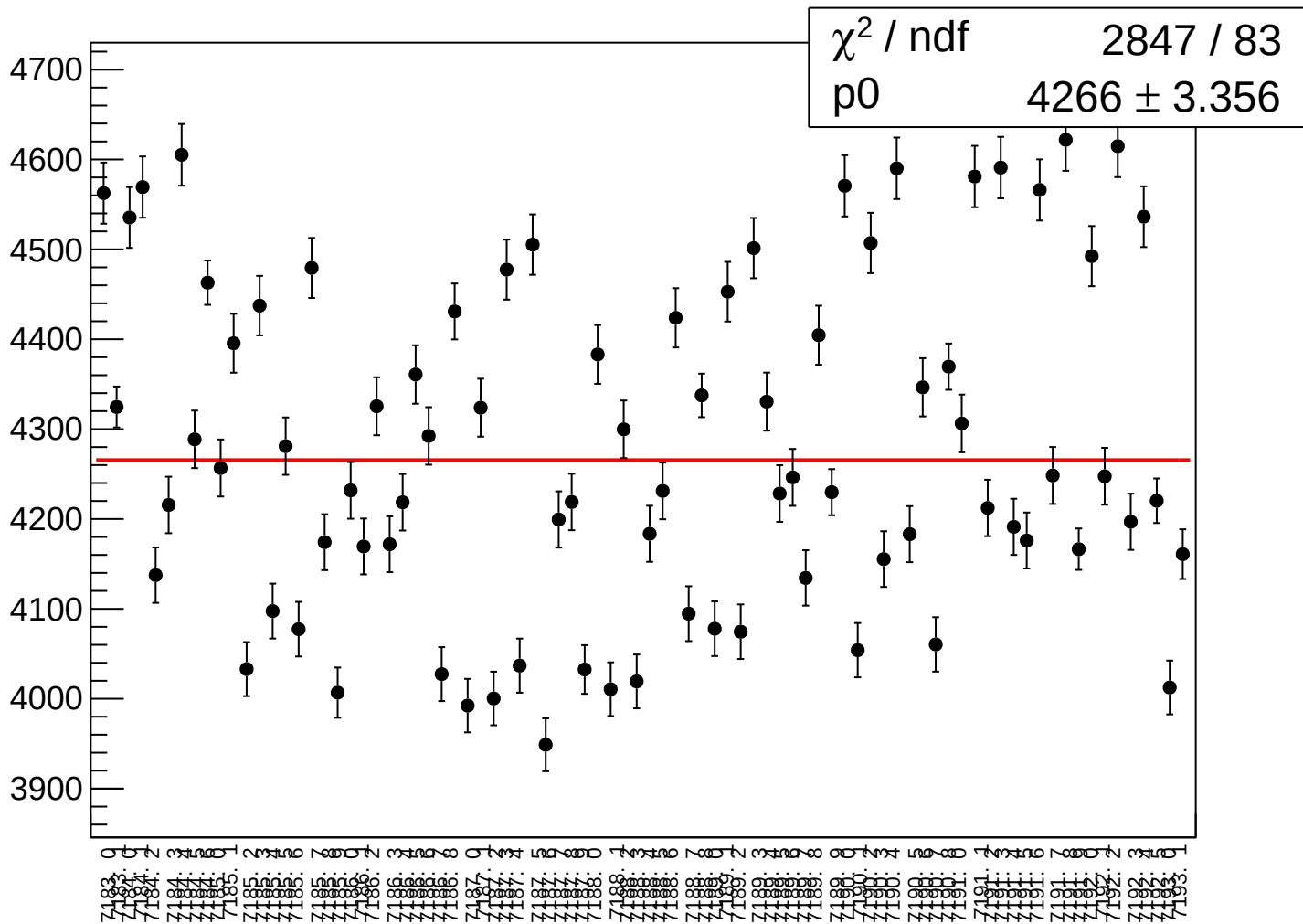
eigen_cor_asym_atr_avg_rms vs run



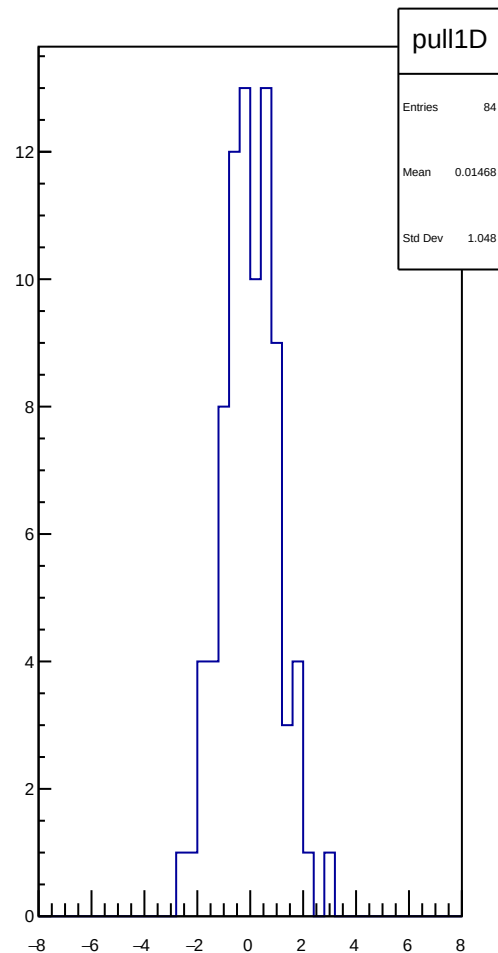
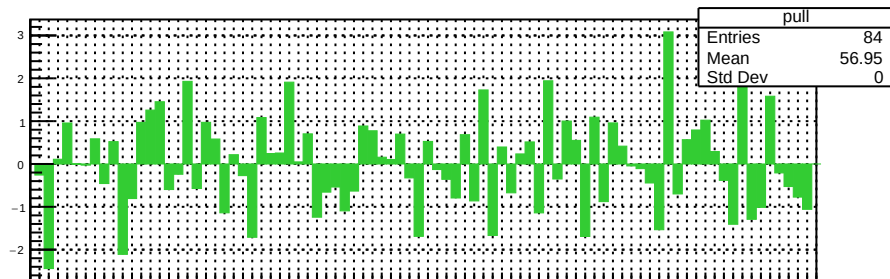
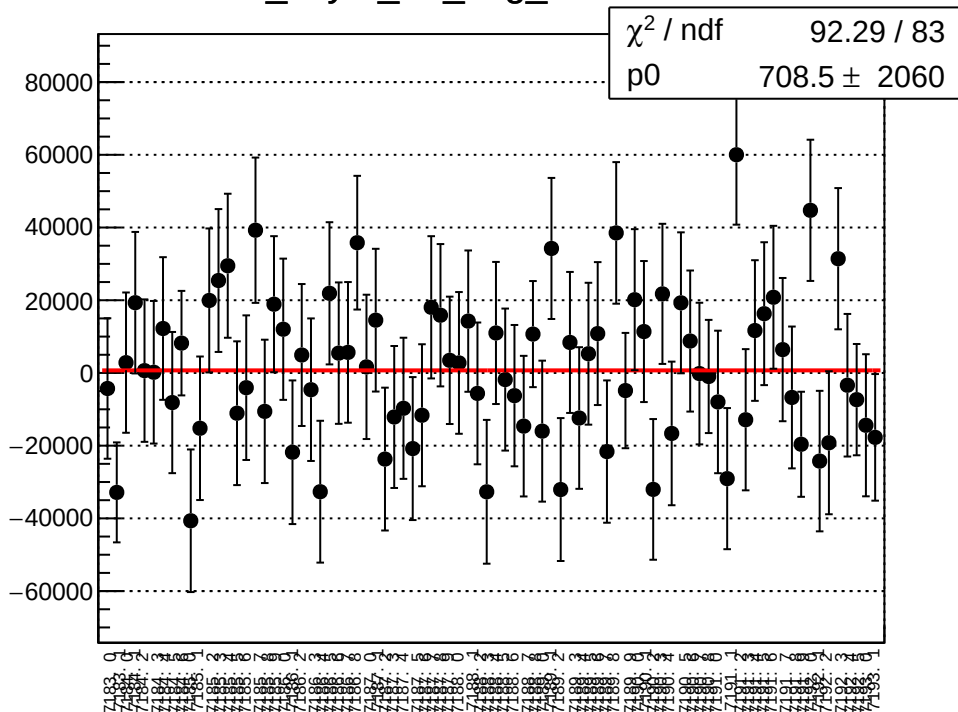
asym_atr_avg_eigen_cor_correction_mean vs run



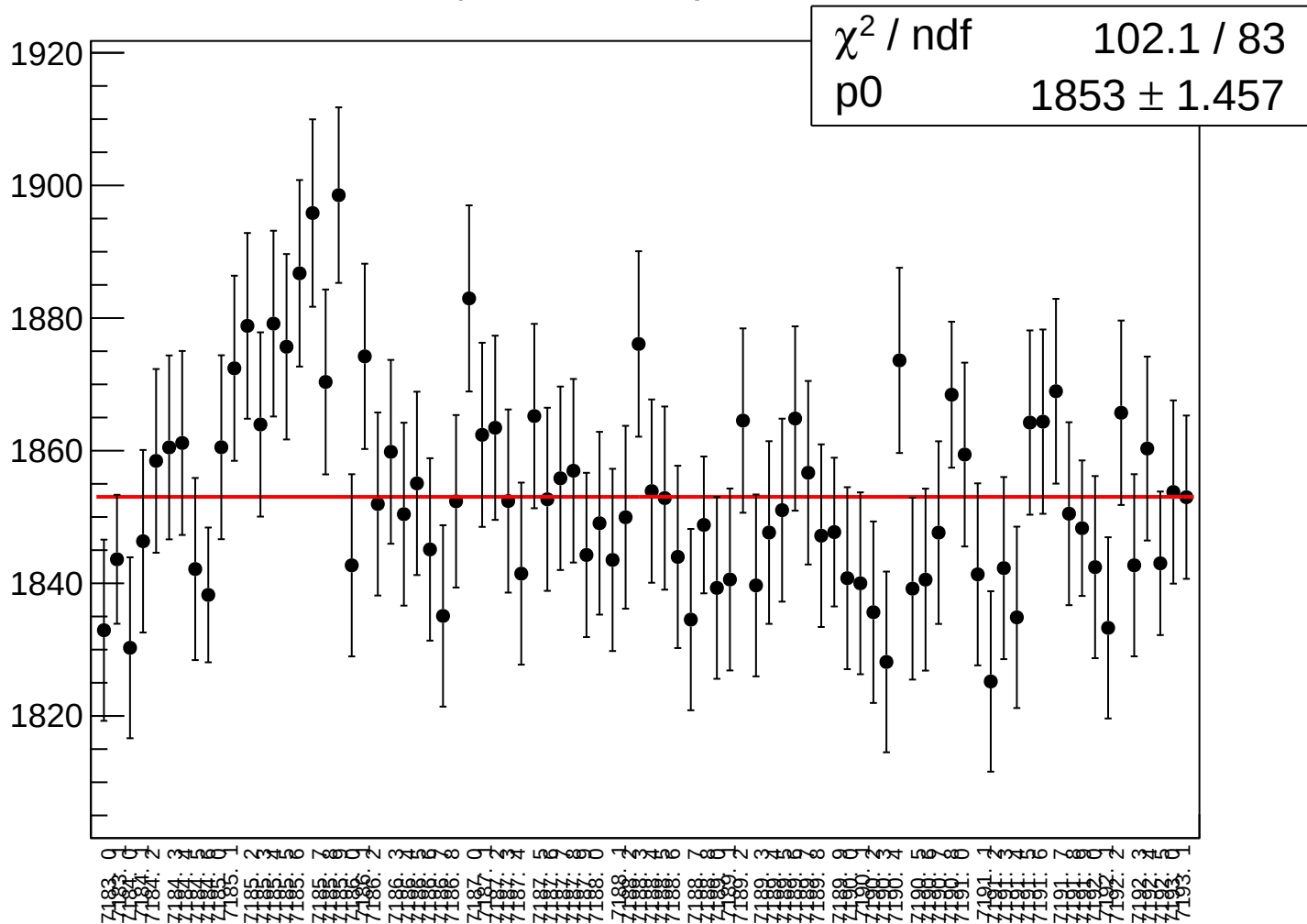
asym_atr_avg_eigen_cor_correction_rms vs run



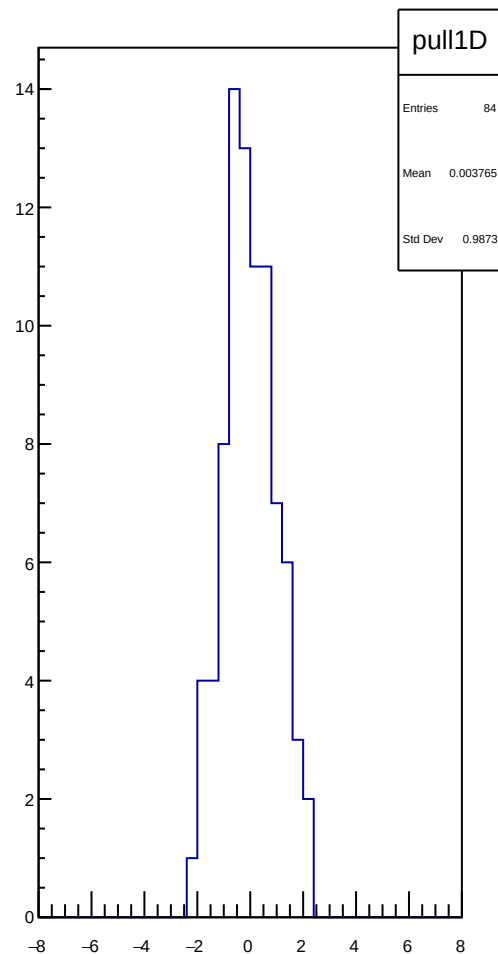
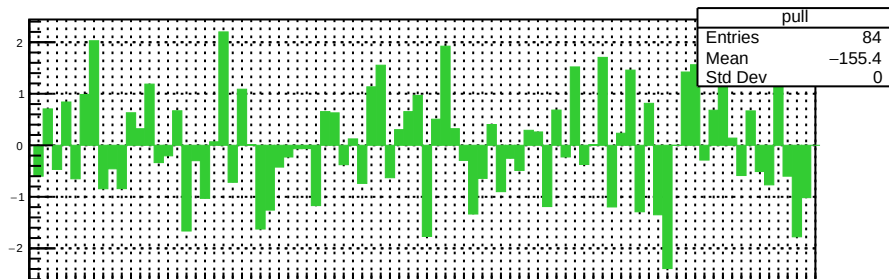
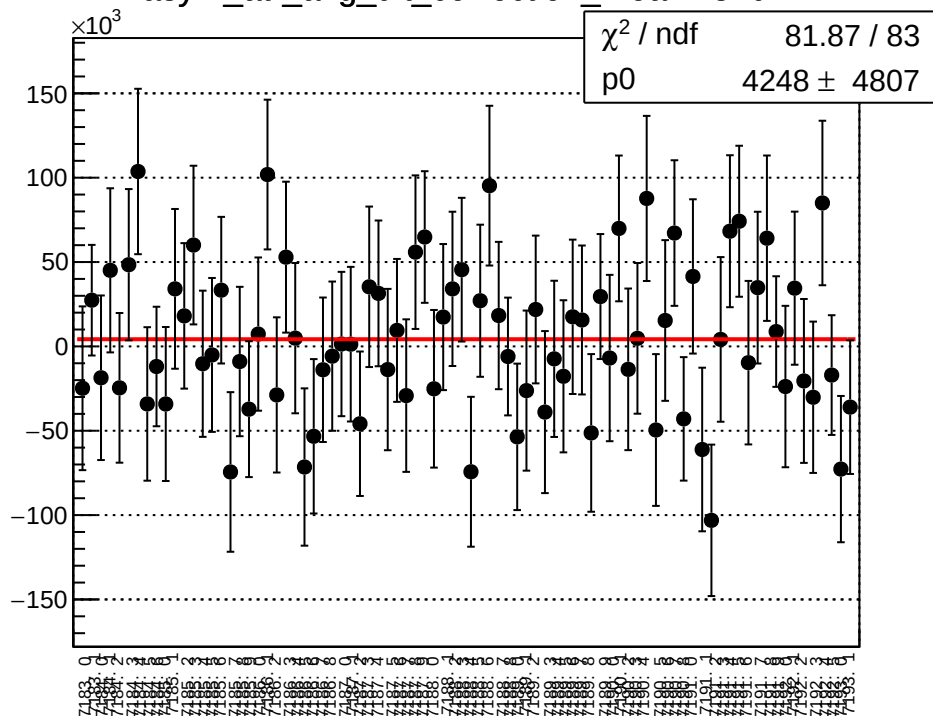
dit_asym_atr_avg_mean vs run



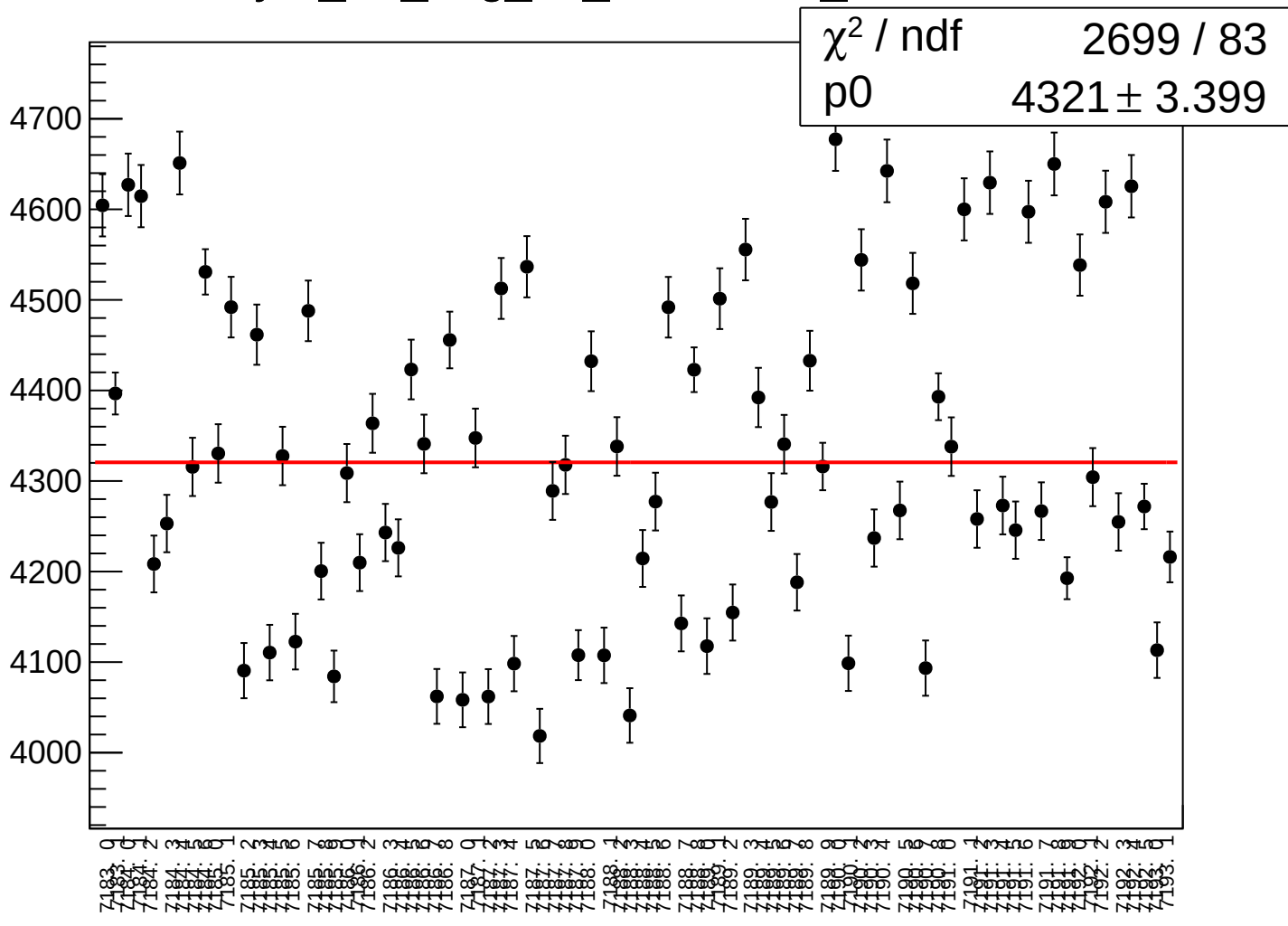
dit_asym_atr_avg_rms vs run



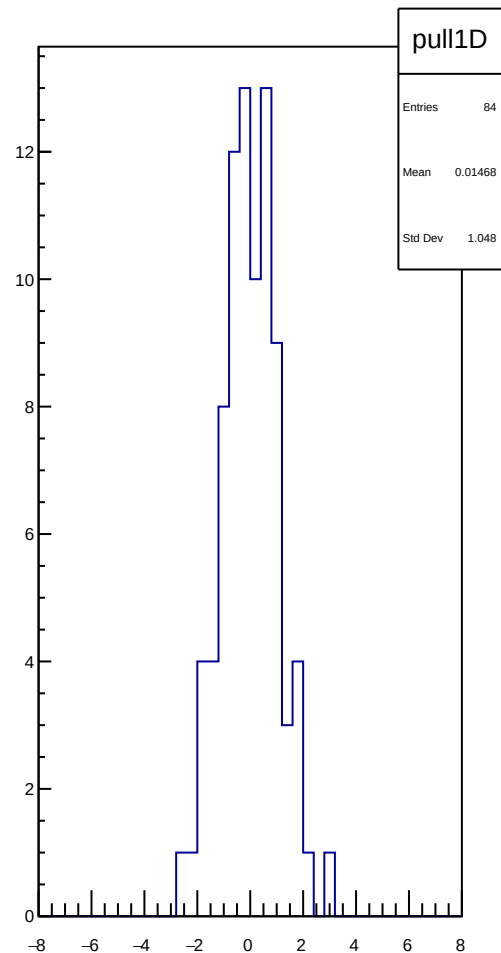
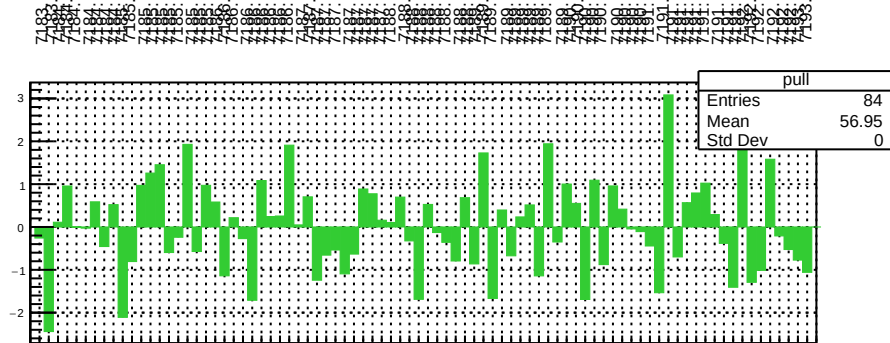
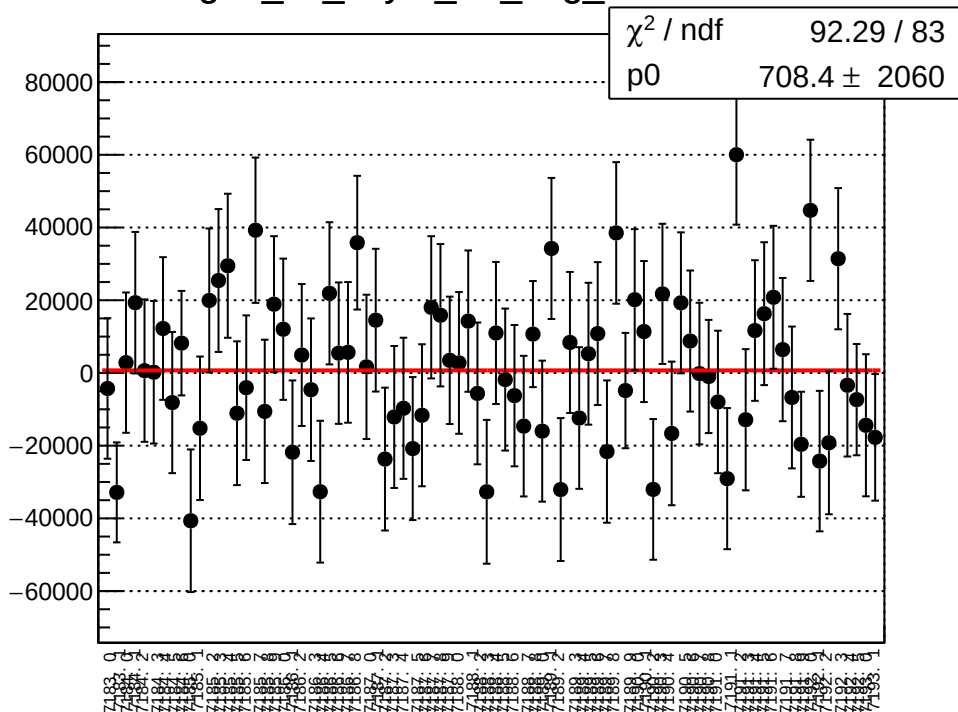
asym_atr_avg_dit_correction_mean vs run



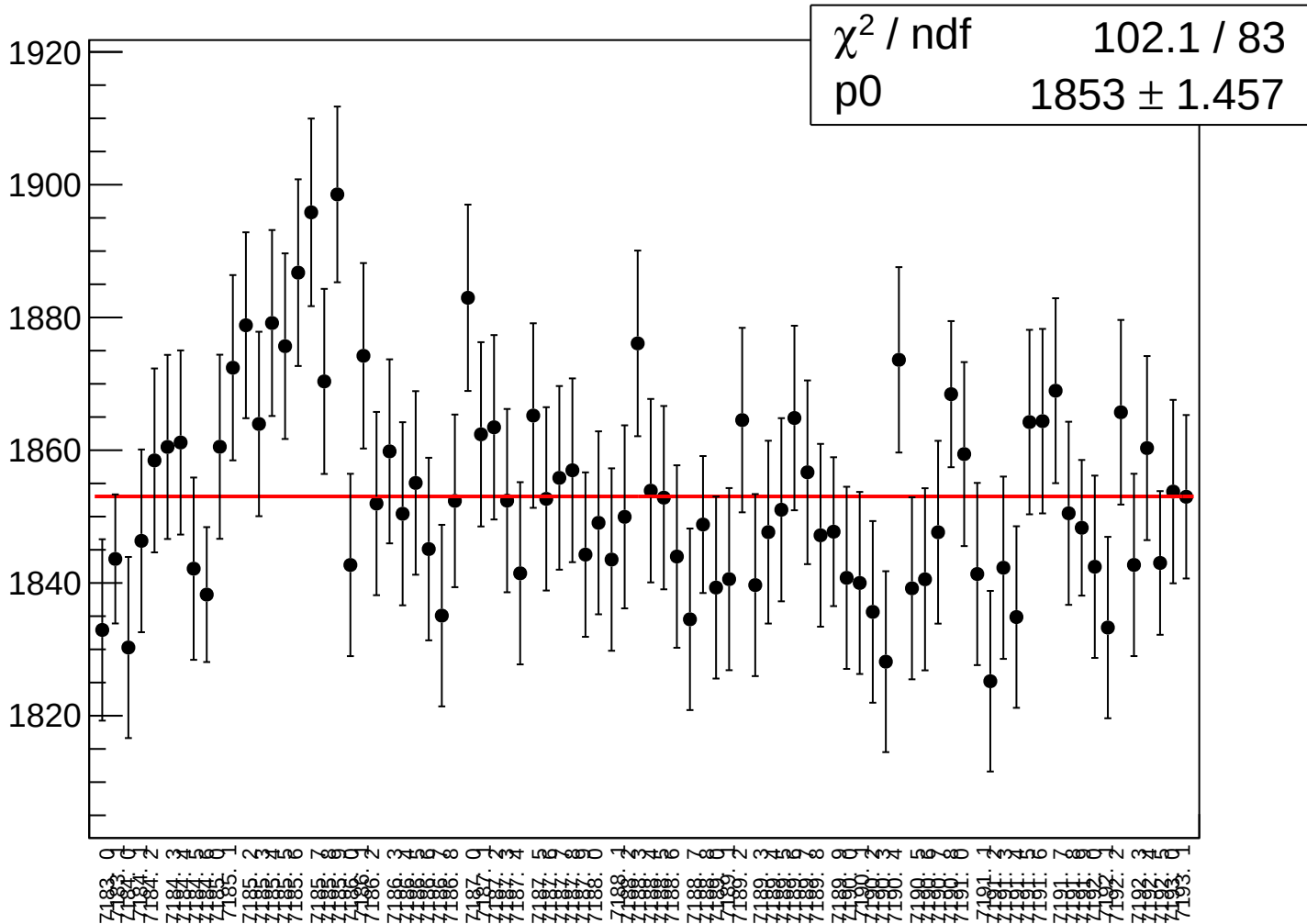
asym_atr_avg_dit_correction_rms vs run



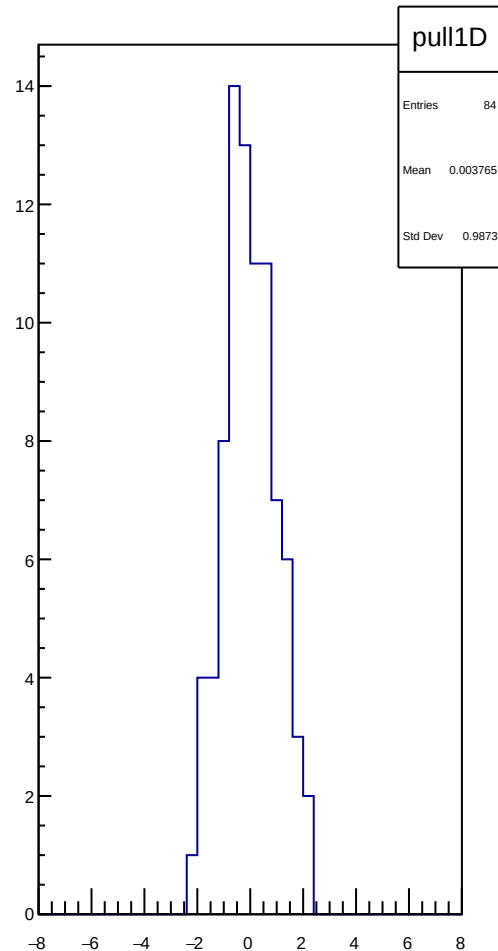
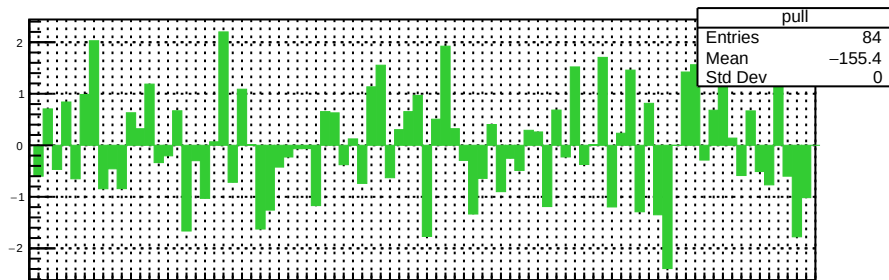
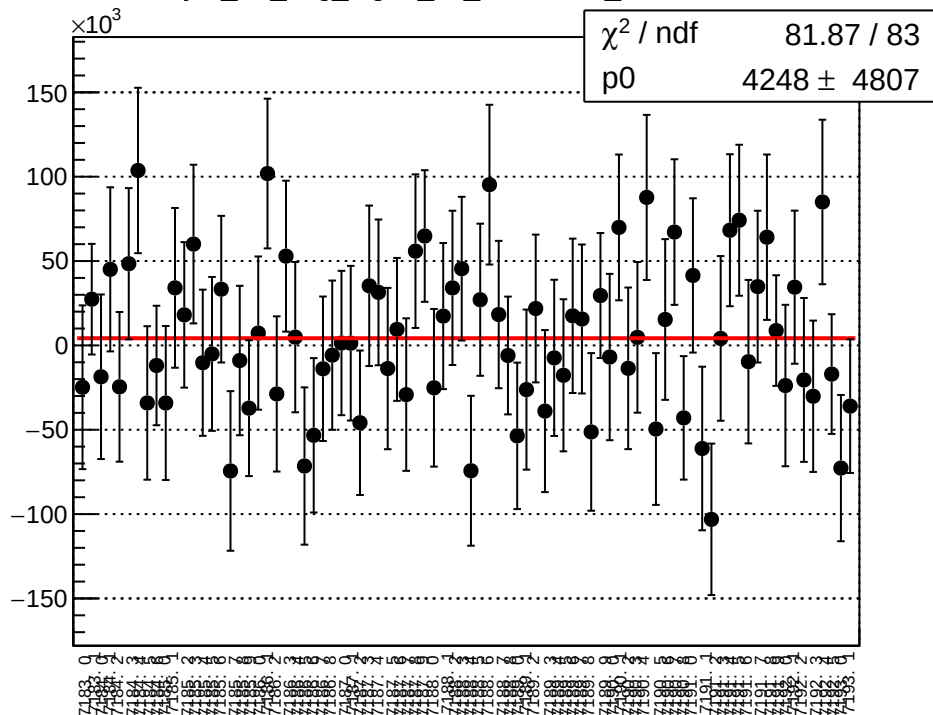
eigen_dit_asym_atr_avg_mean vs run



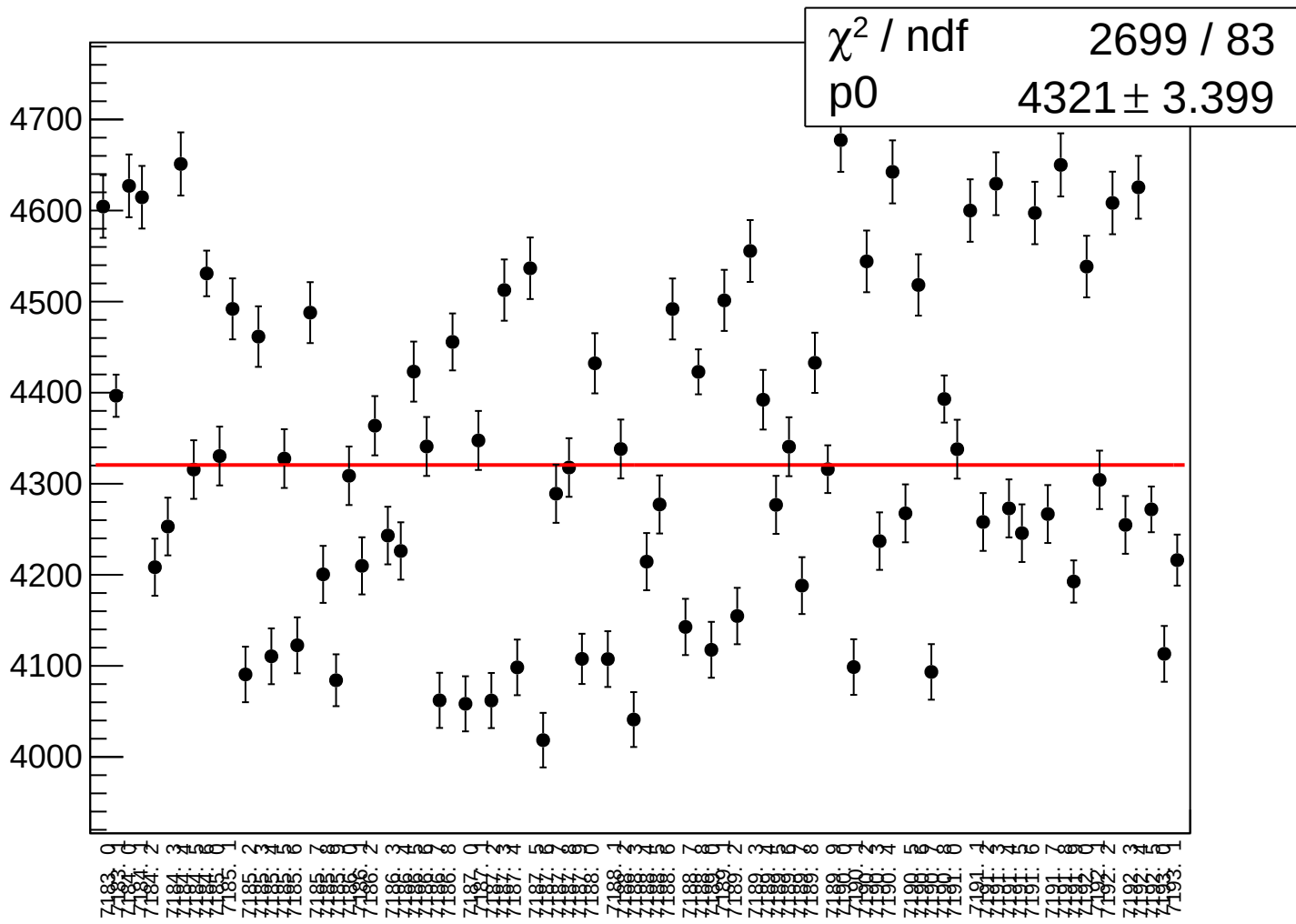
eigen_dit_asym_atr_avg_rms vs run



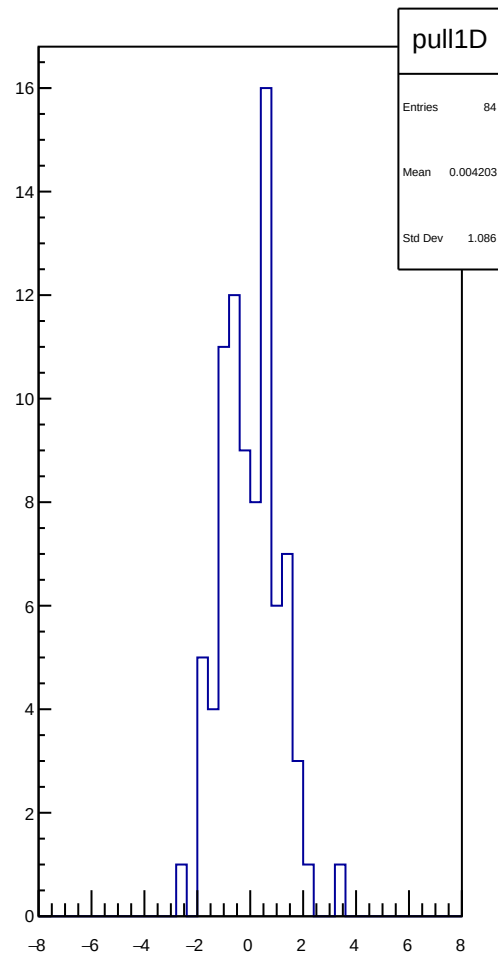
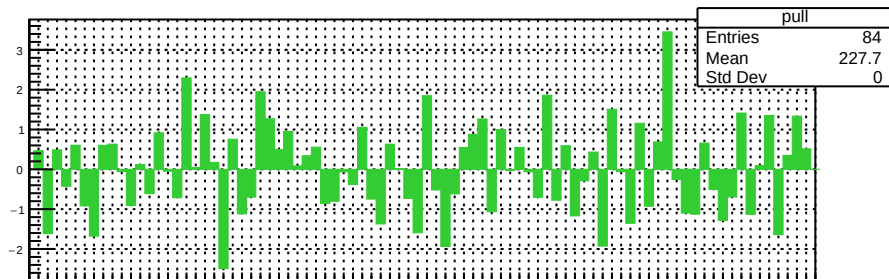
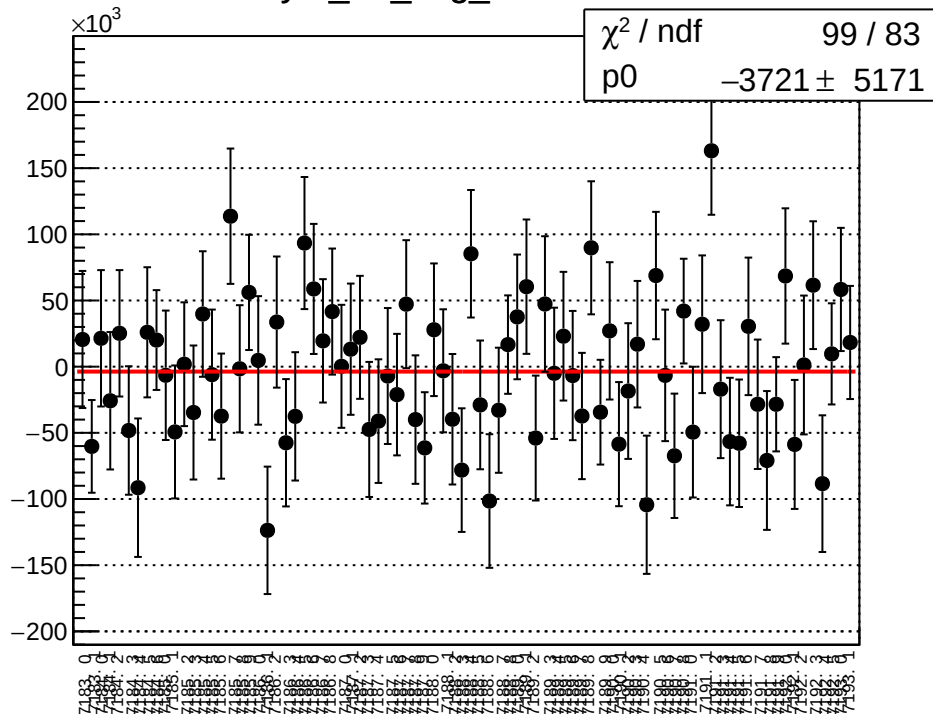
asym_atr_avg_eigen_dit_correction_mean vs run



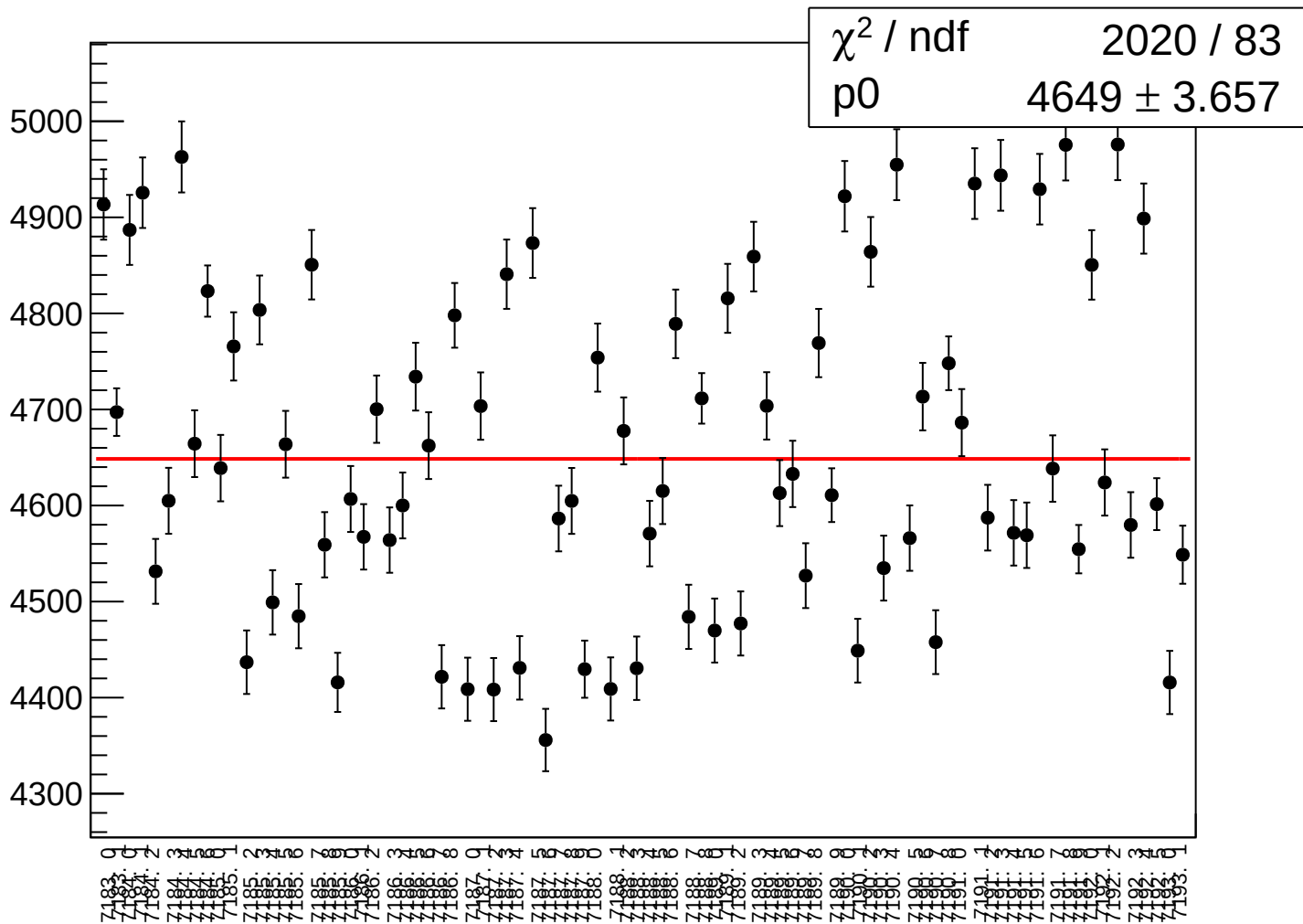
asym_atr_avg_eigen_dit_correction_rms vs run



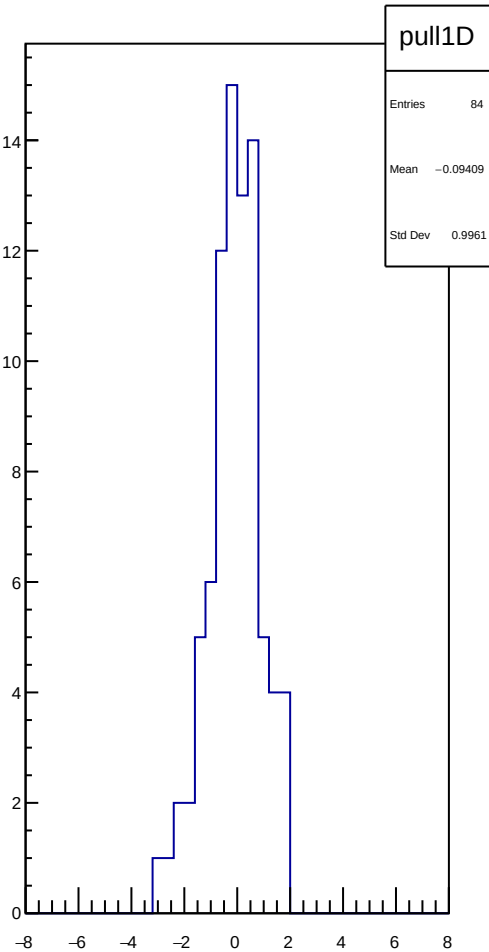
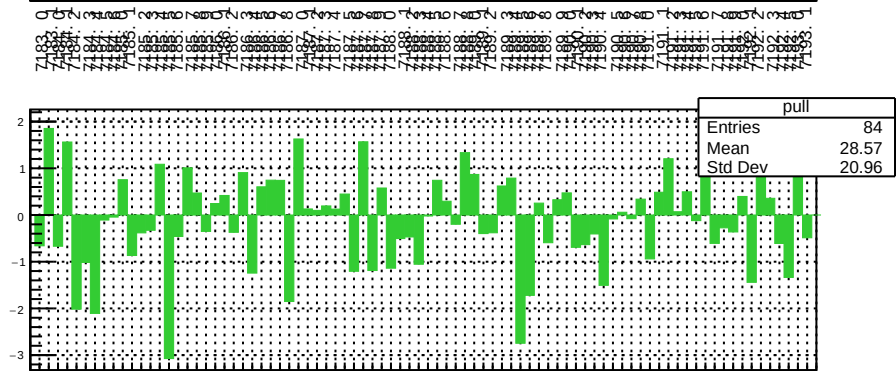
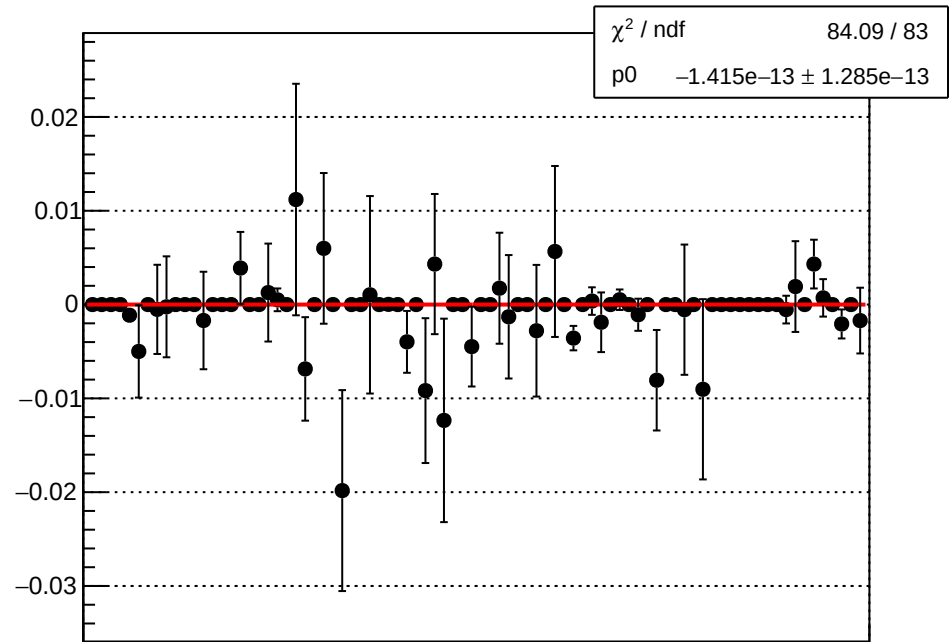
asym_atr_avg_mean vs run



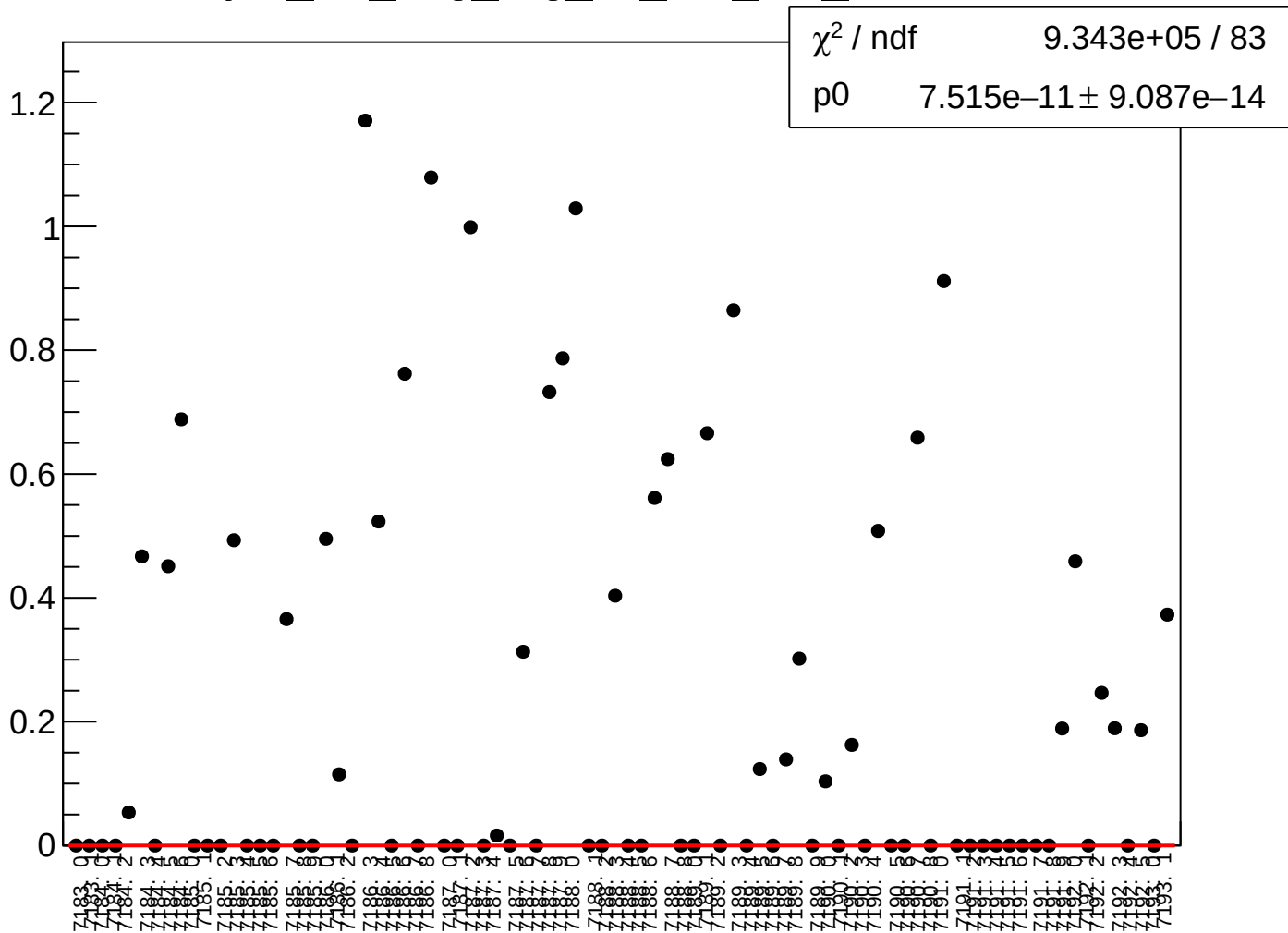
asym_atr_avg_rms vs run



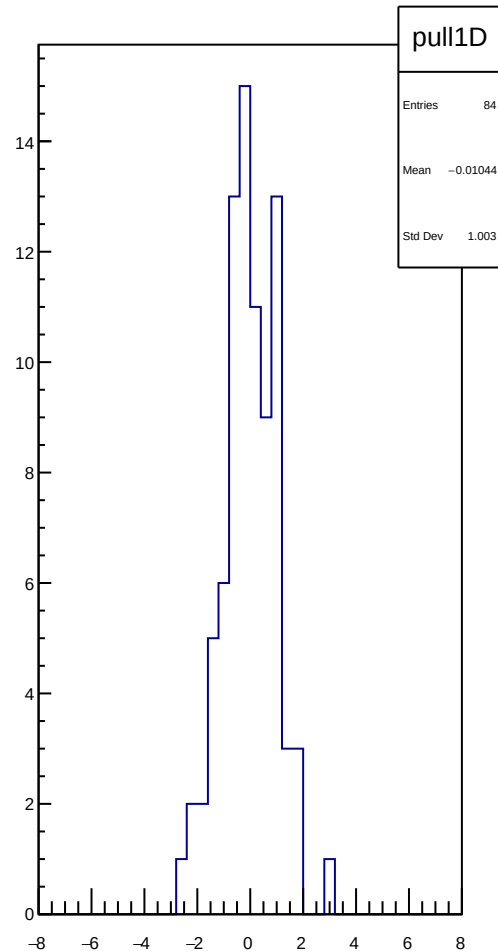
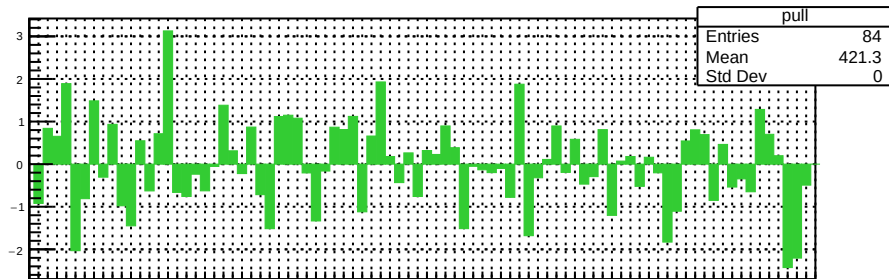
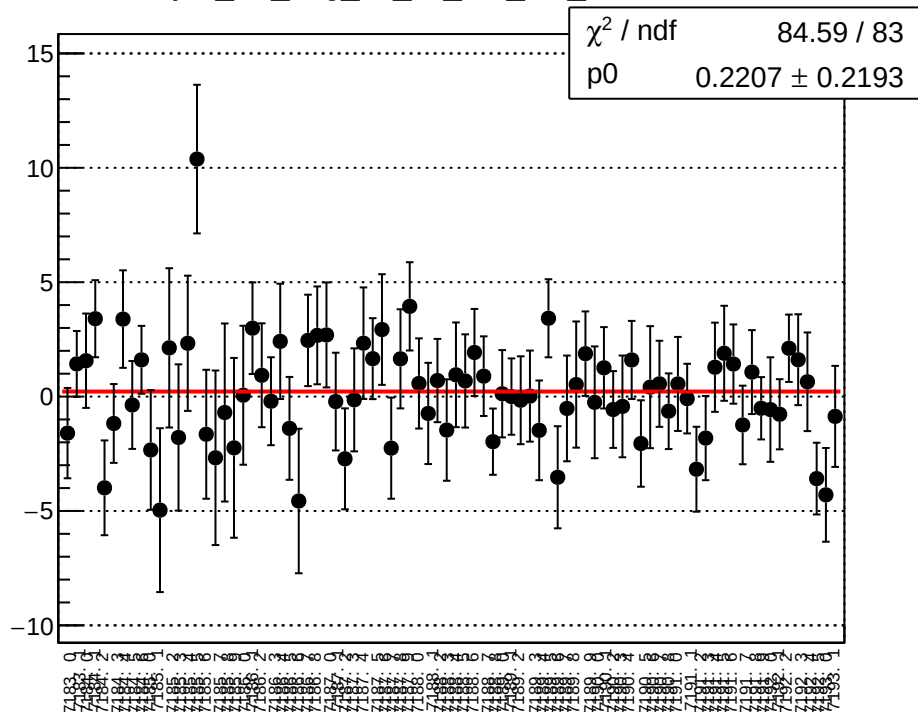
asym_atr_avg_reg_vs_cor_diff_mean vs run



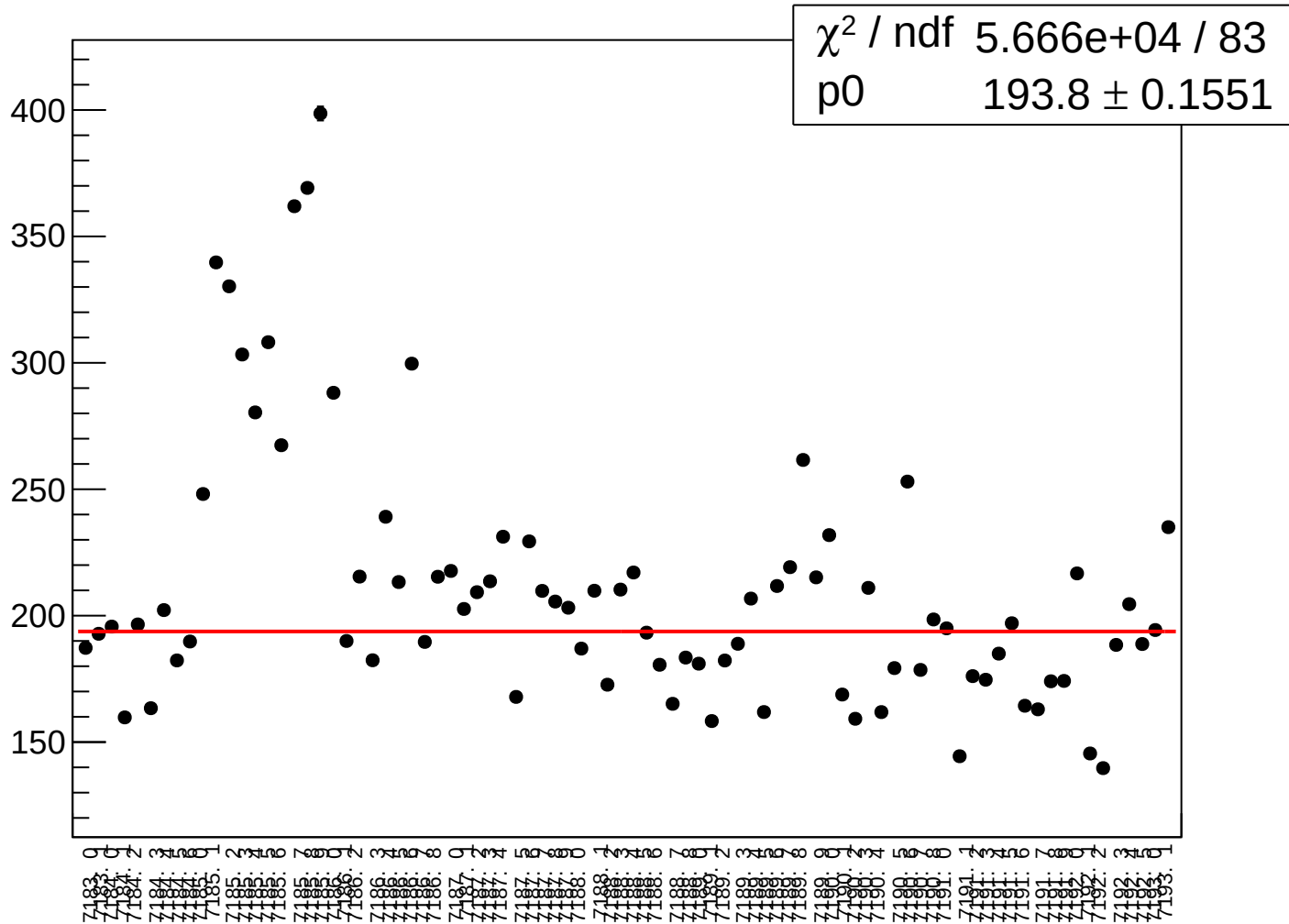
asym_atr_avg_reg_vs_cor_diff_rms vs run



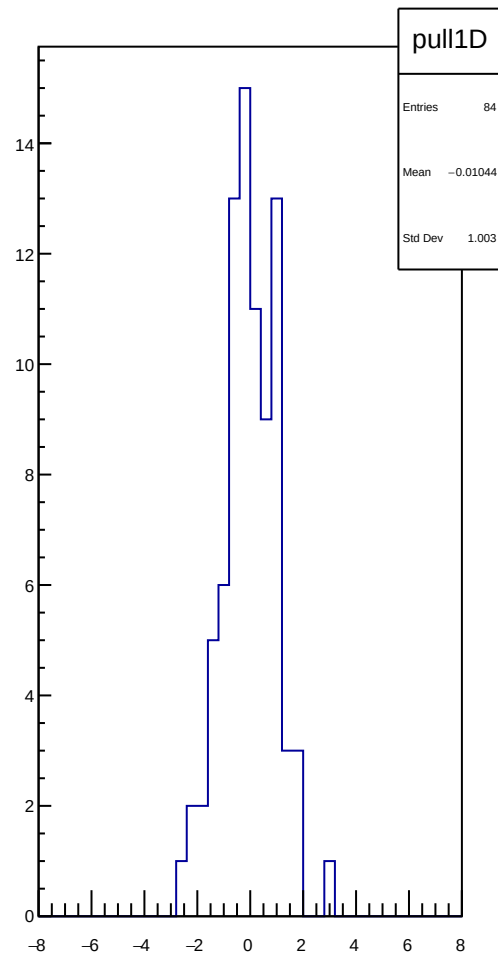
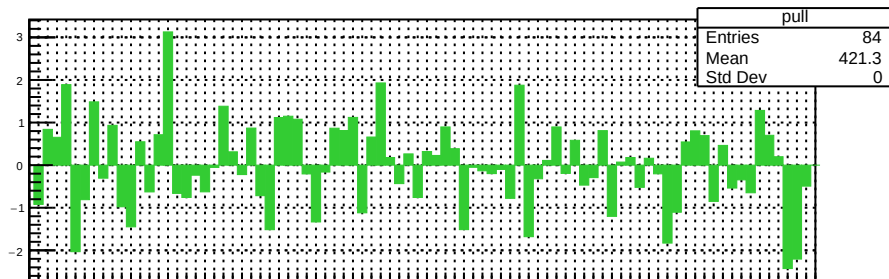
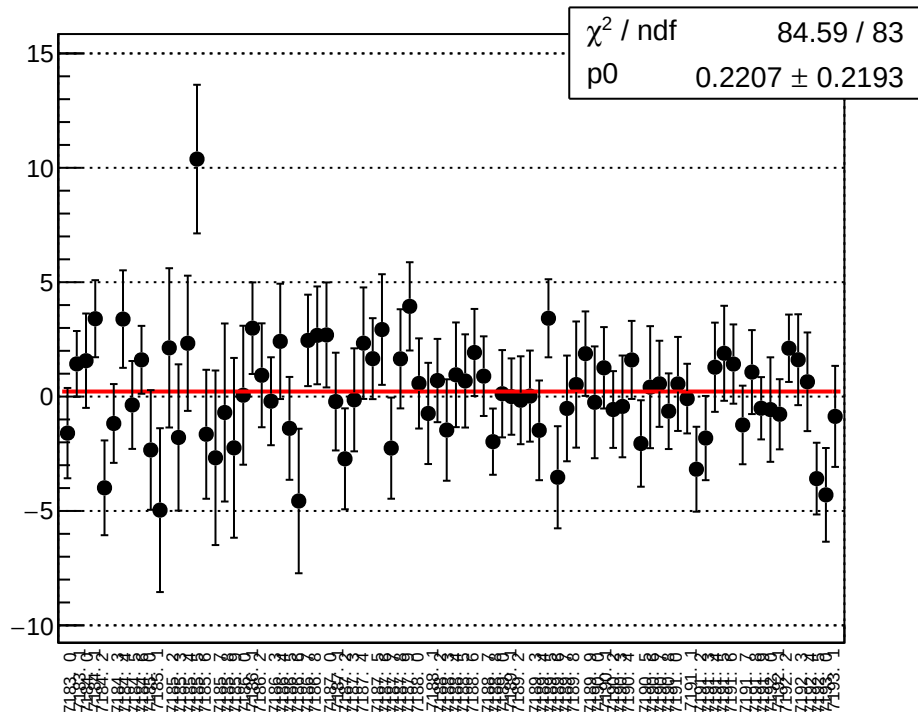
asym_atr_avg_dit_vs_cor_diff_mean vs run



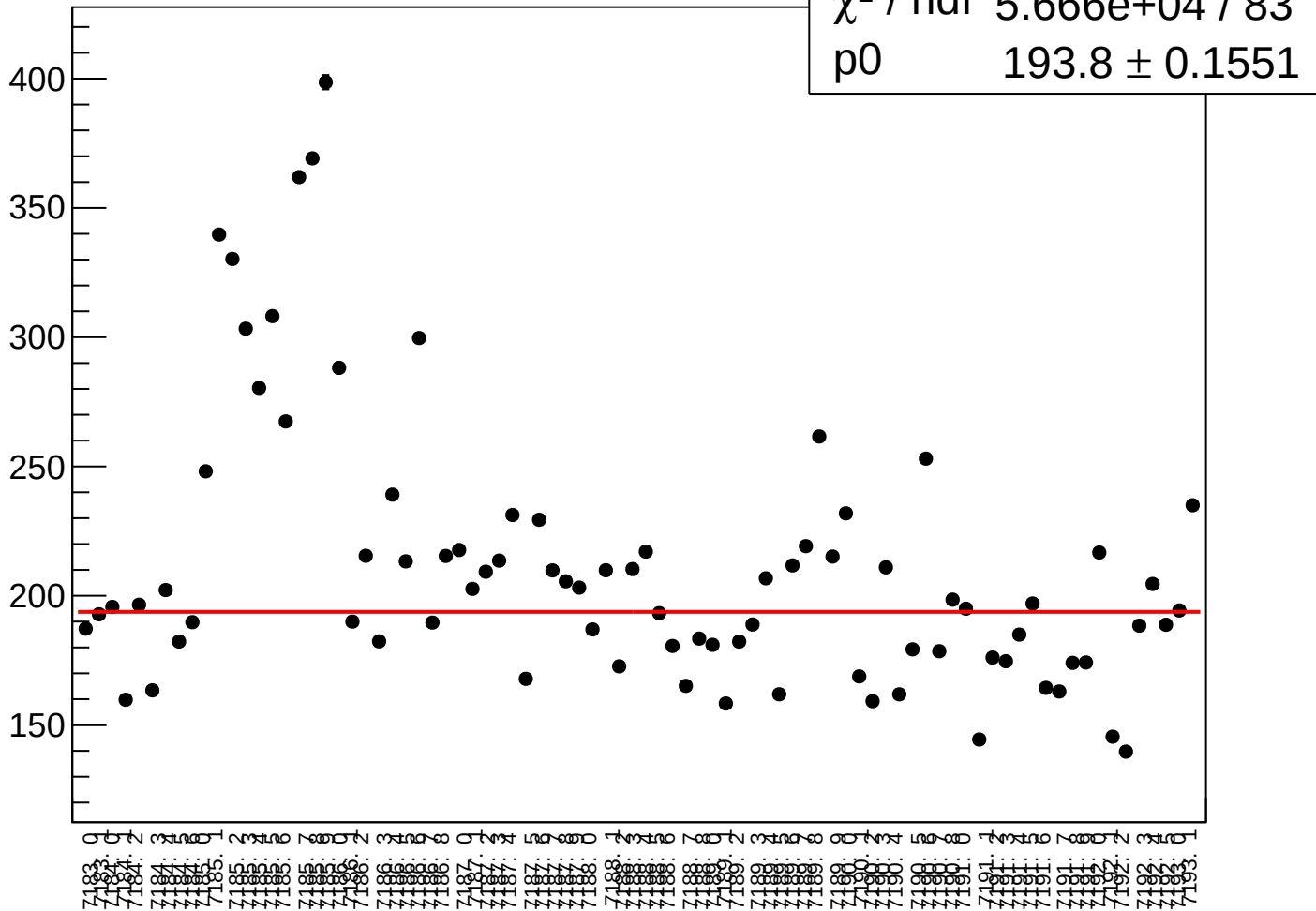
asym_atr_avg_dit_vs_cor_diff_rms vs run



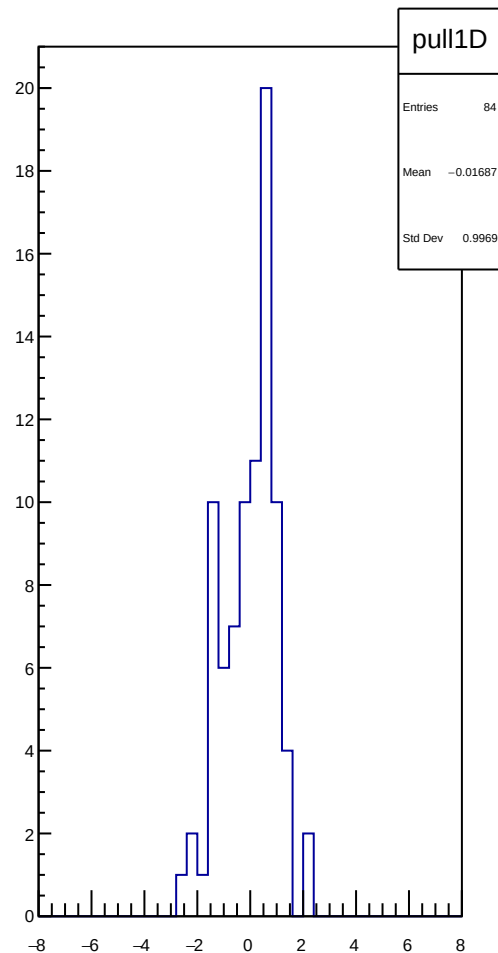
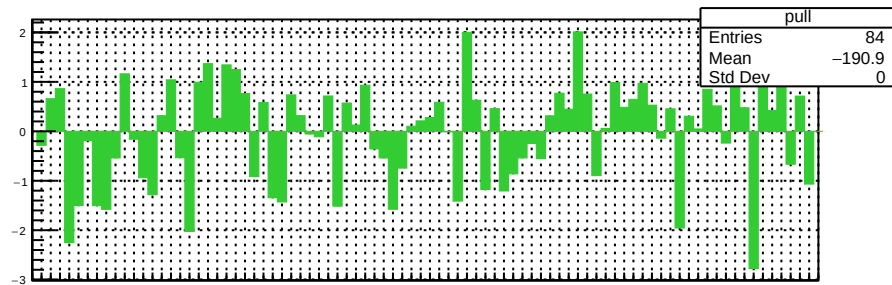
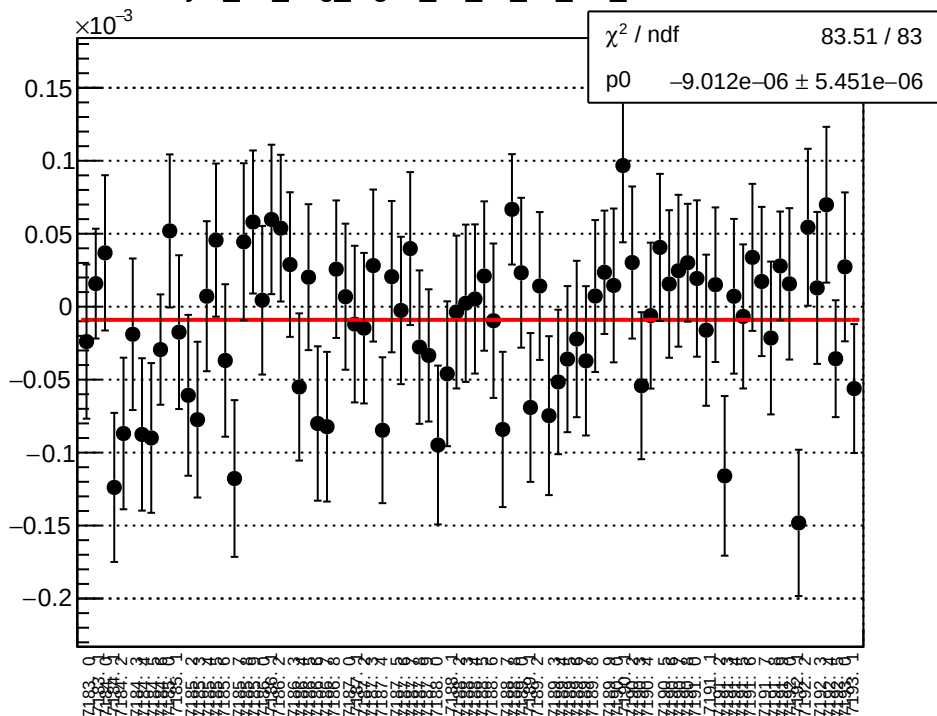
asym_atr_avg_dit_vs_eigen_cor_diff_mean vs run



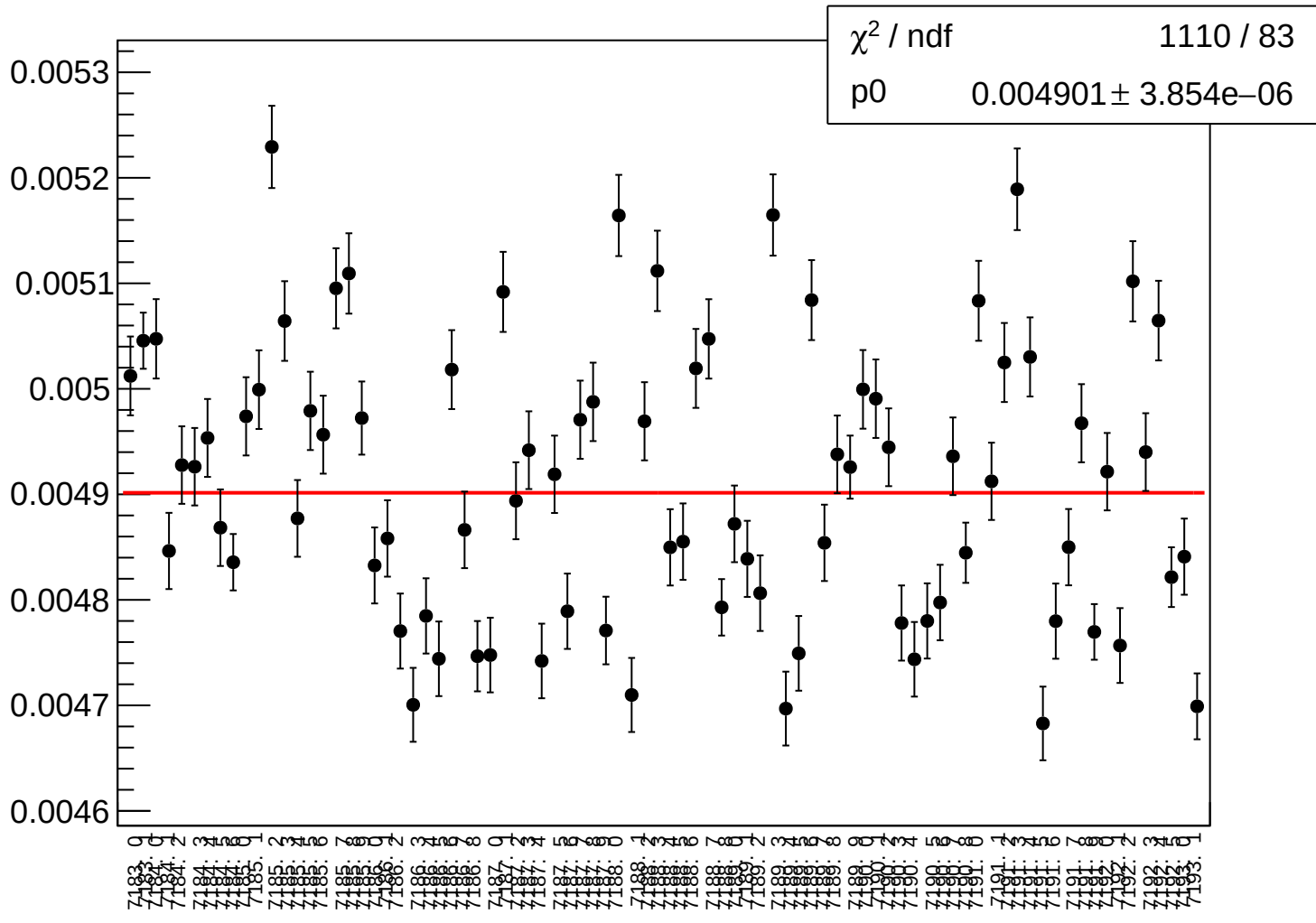
χ^2 / ndf	5.666e+04 / 83
p0	193.8 ± 0.1551



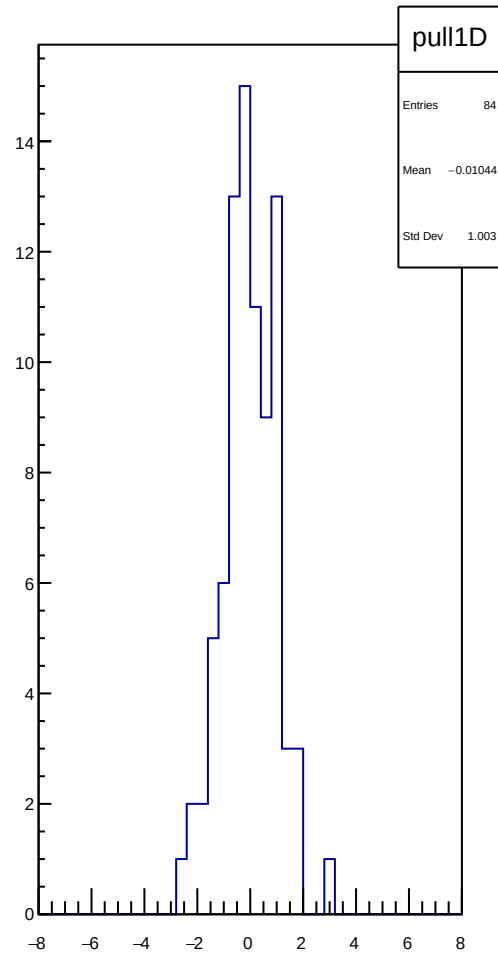
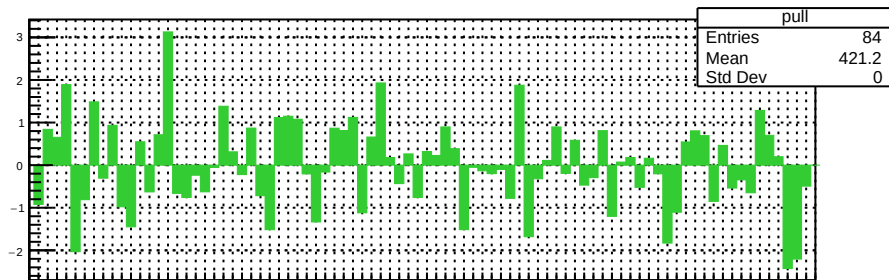
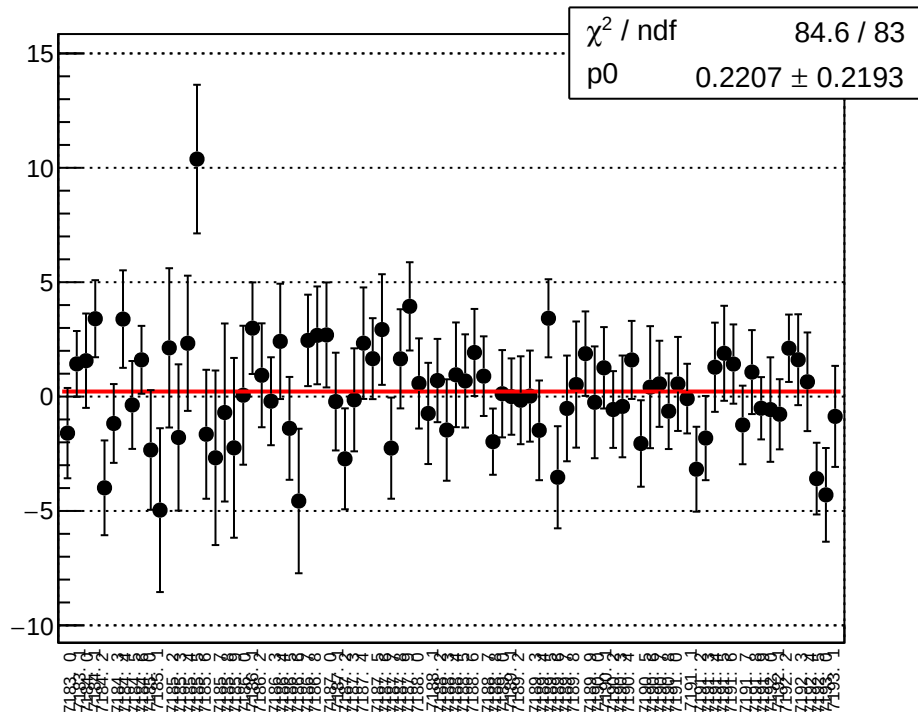
asym_atr_avg_eigen_dit_vs_dit_diff_mean vs run



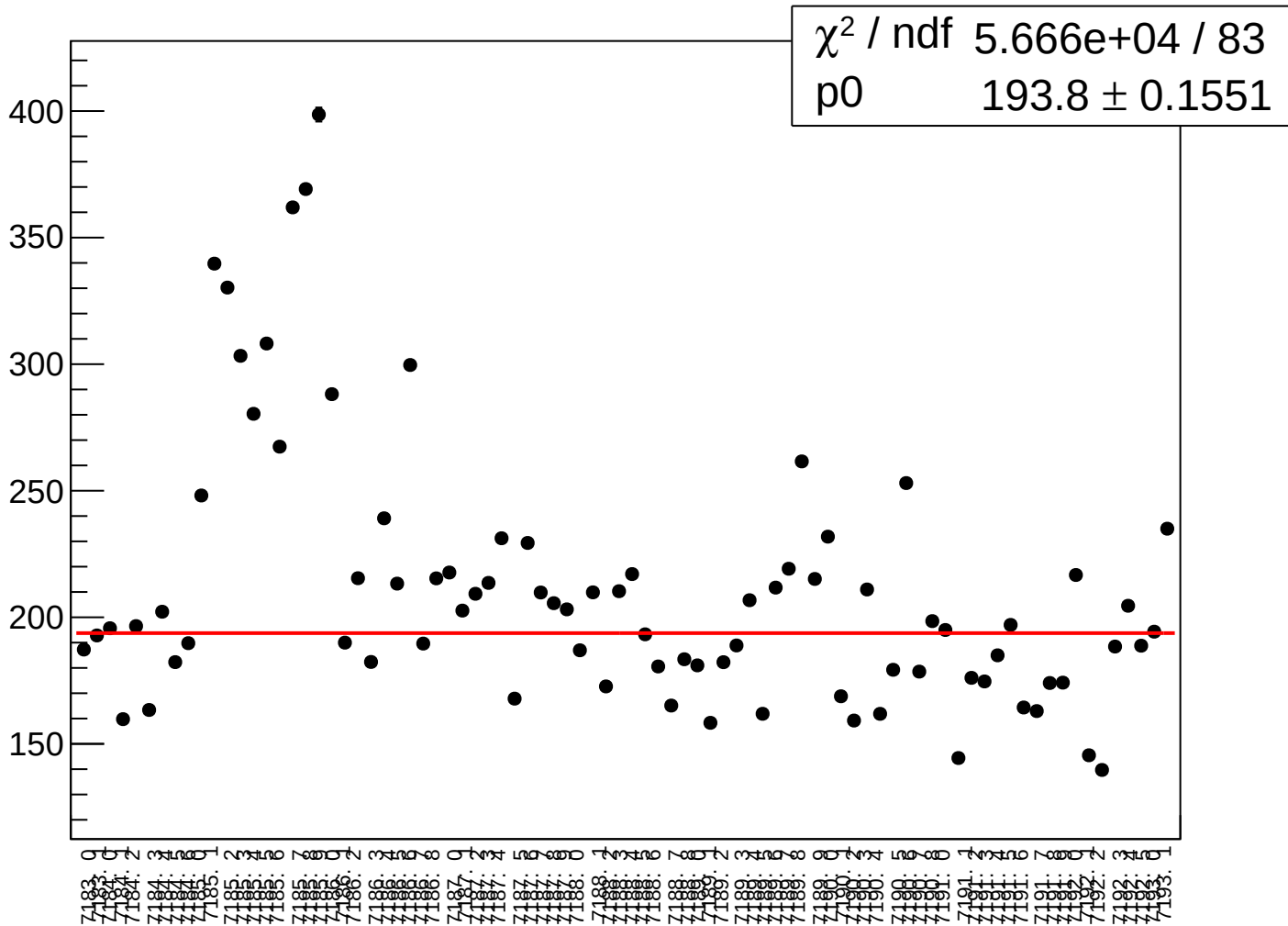
asym_atr_avg_eigen_dit_vs_dit_diff_rms vs run



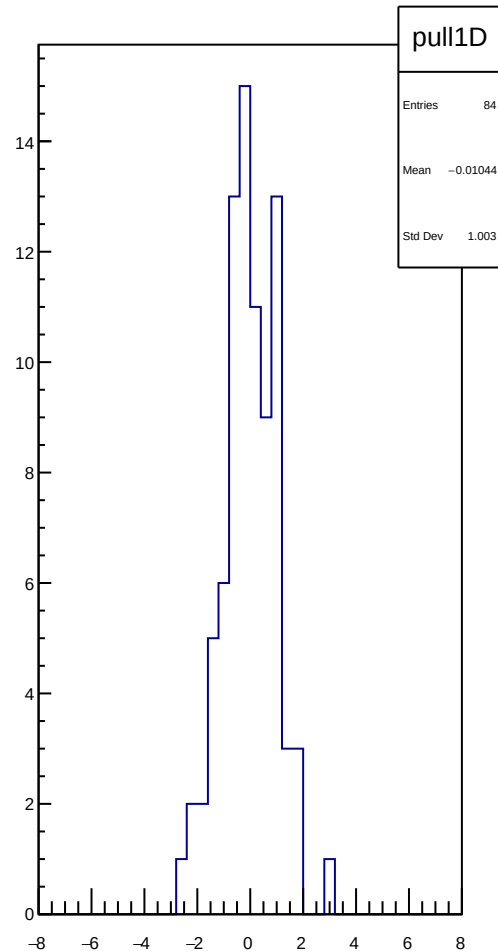
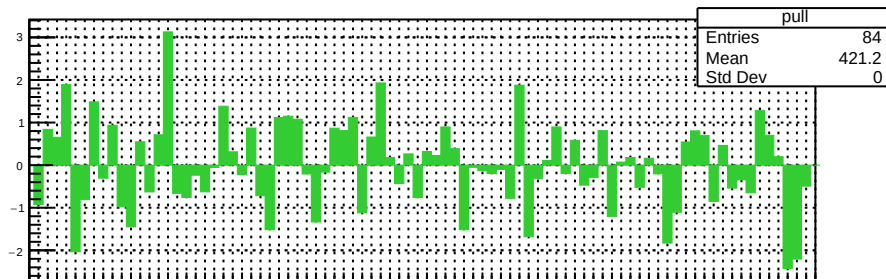
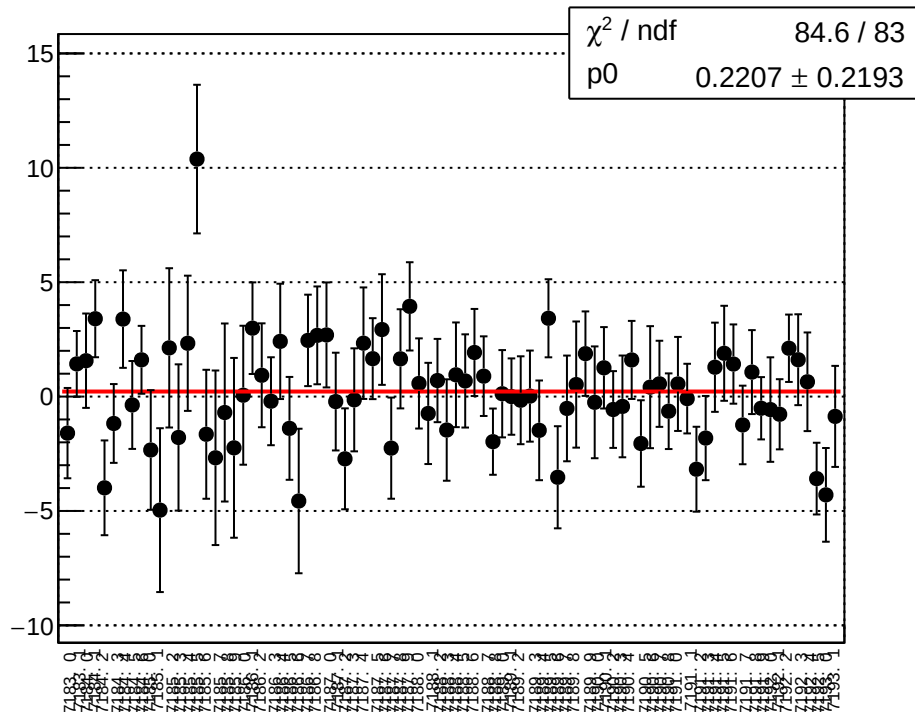
asym_atr_avg_eigen_dit_vs_cor_diff_mean vs run



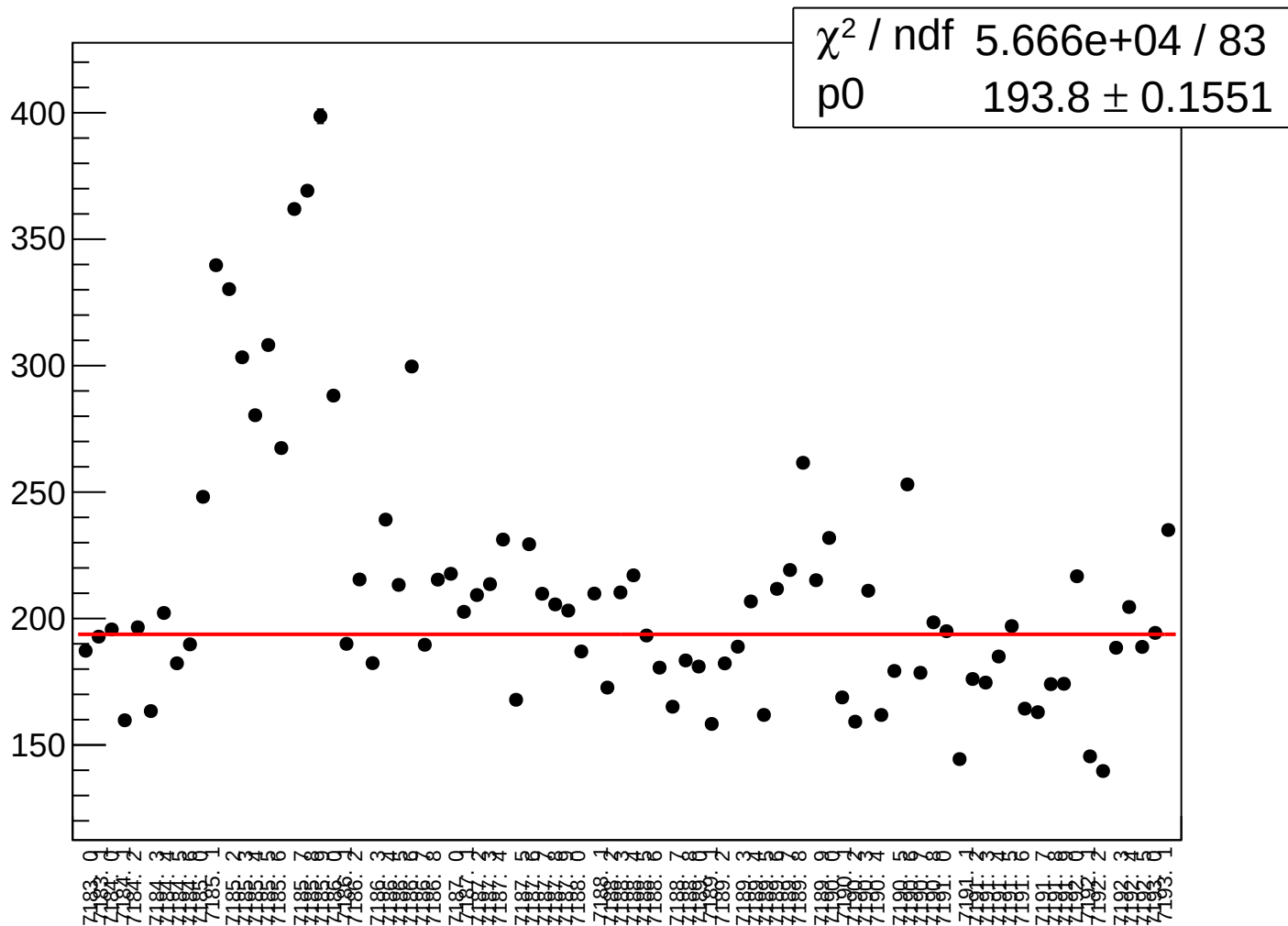
asym_atr_avg_eigen_dit_vs_cor_diff_rms vs run



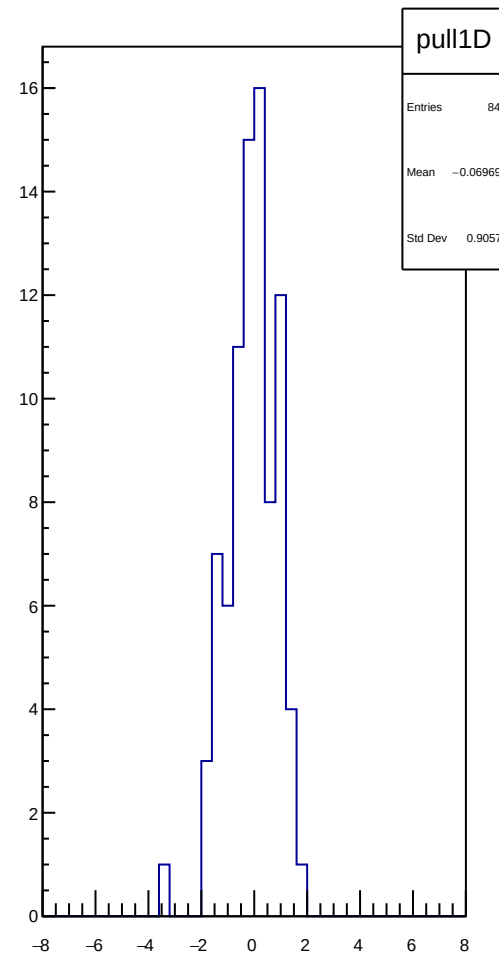
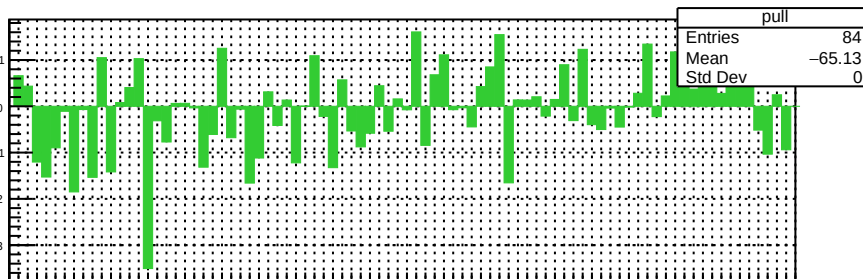
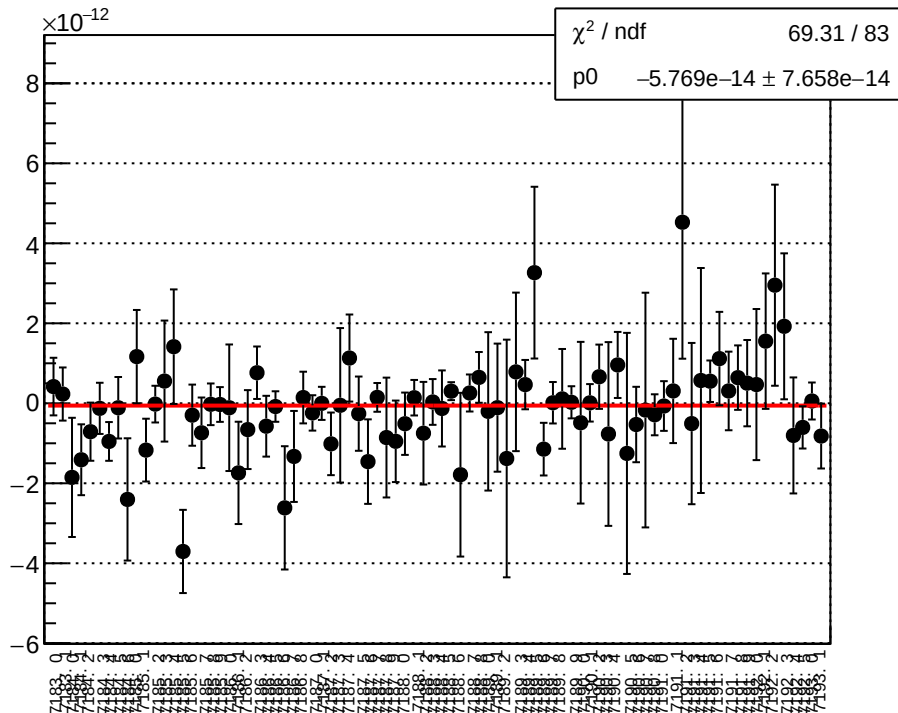
asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



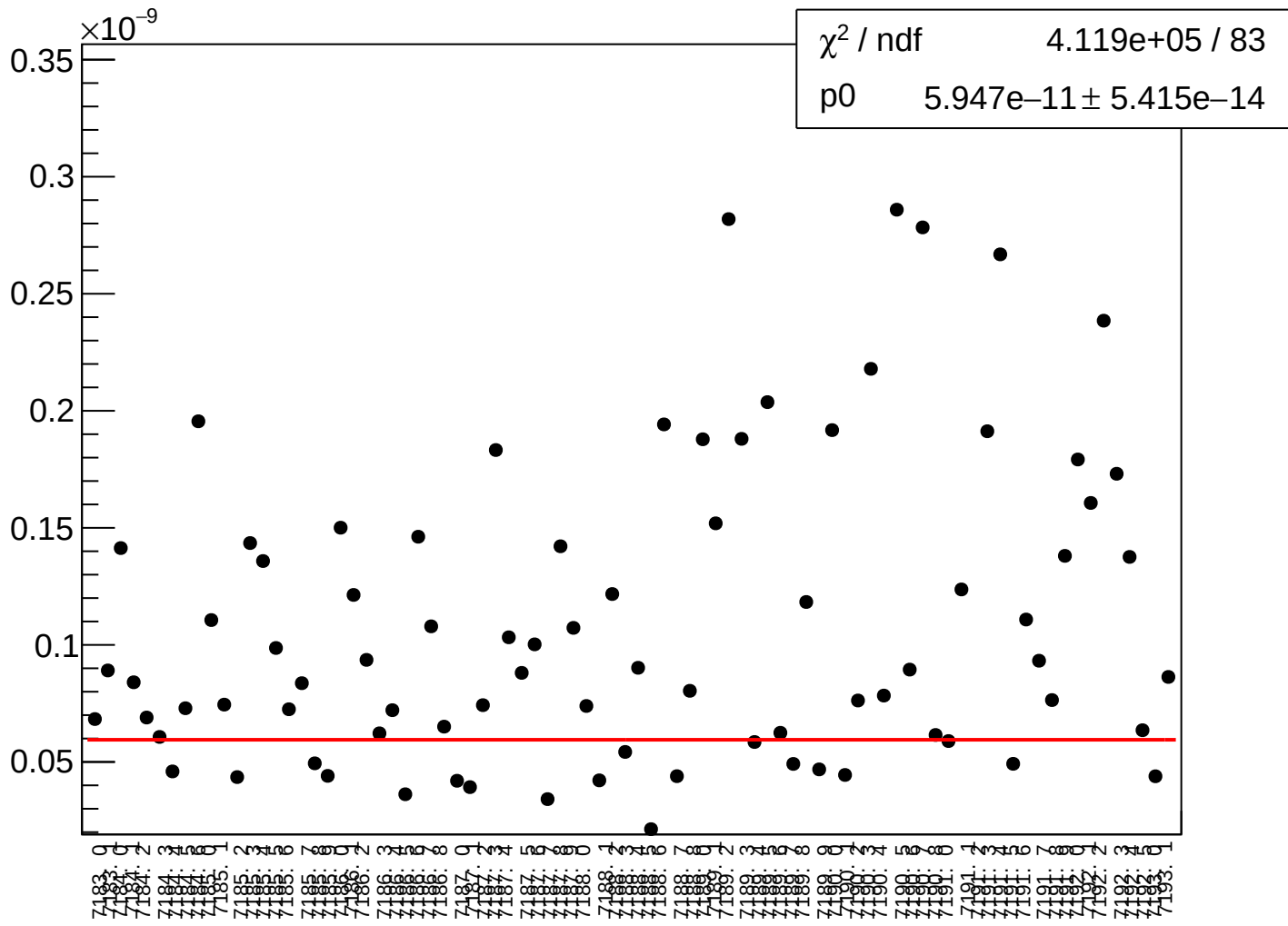
asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



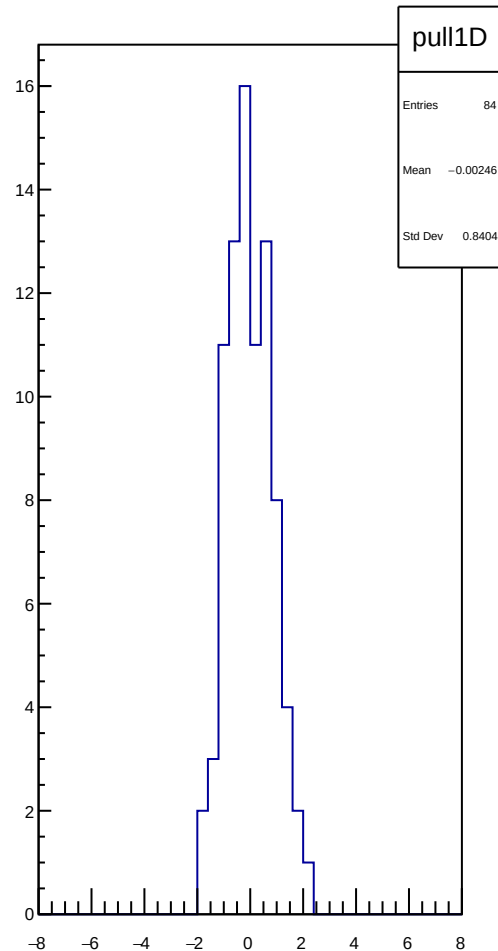
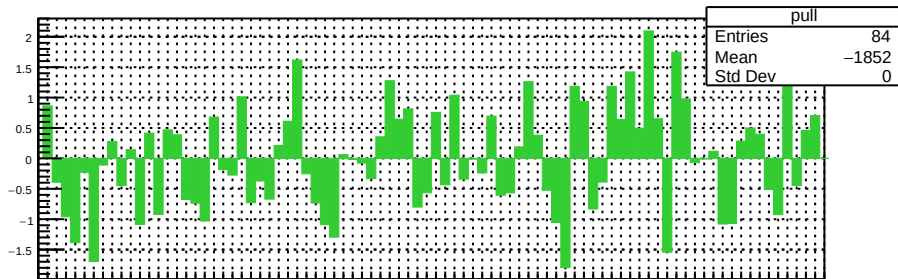
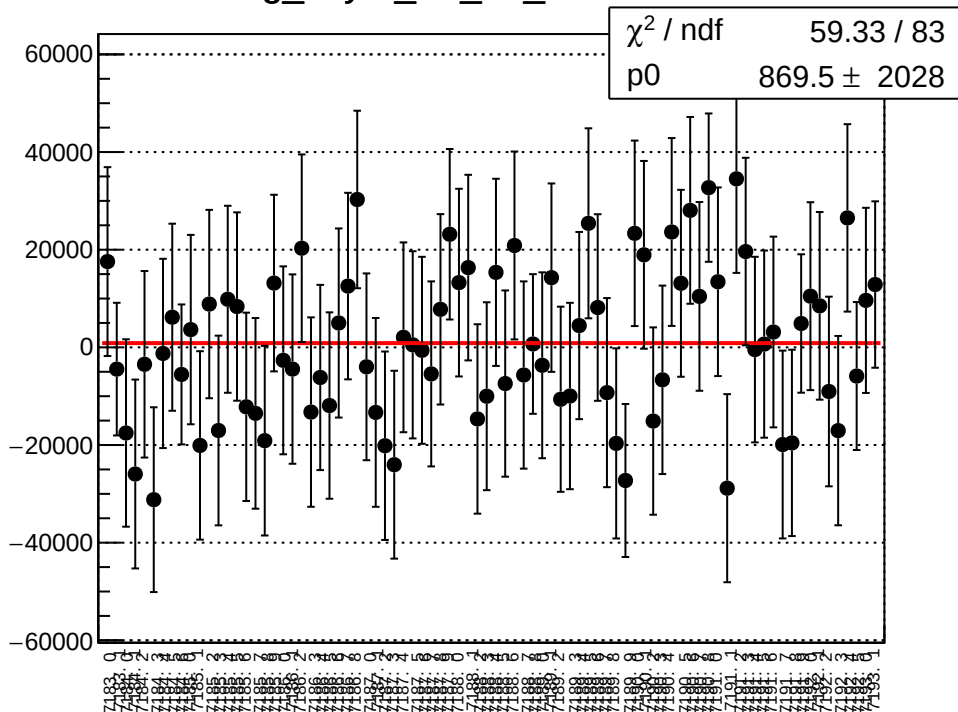
asym_atr_avg_eigen_cor_vs_cor_diff_mean vs run



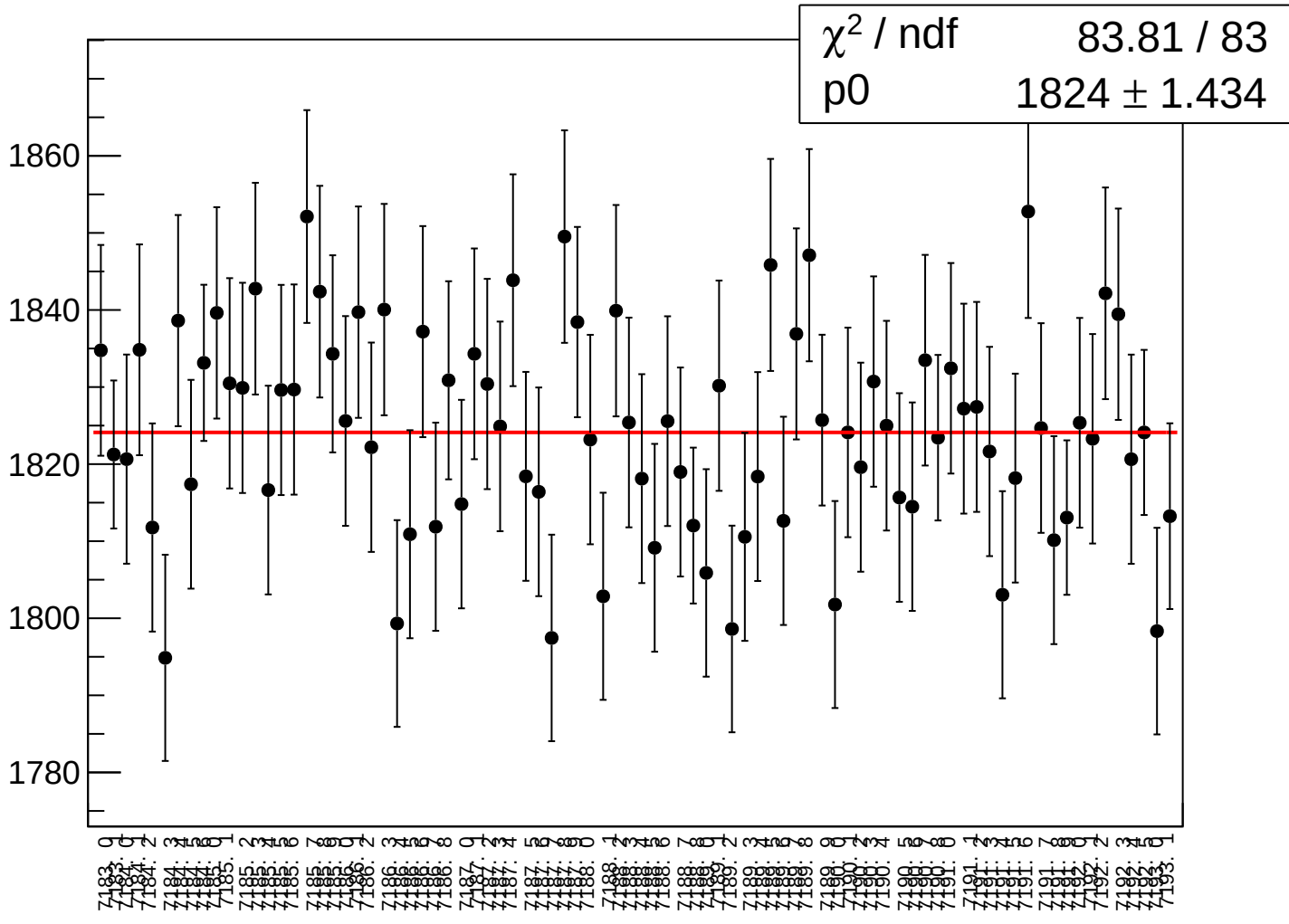
asym_atr_avg_eigen_cor_vs_cor_diff_rms vs run



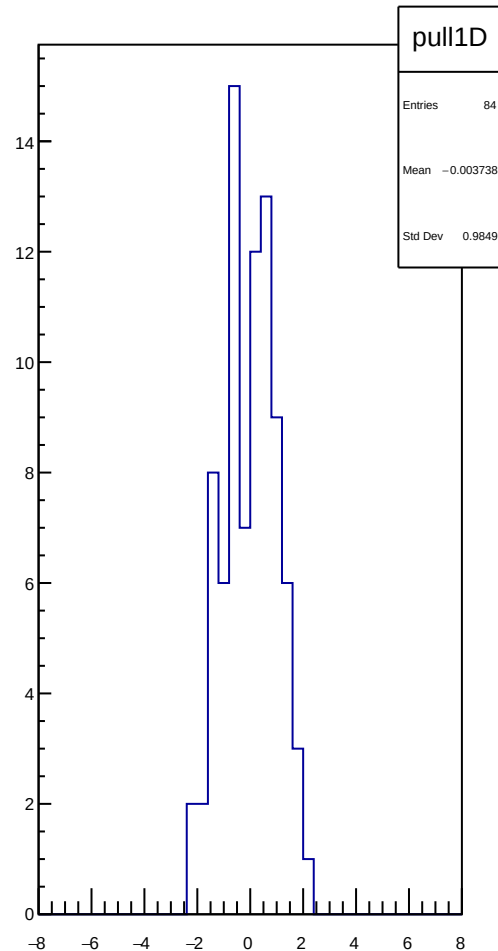
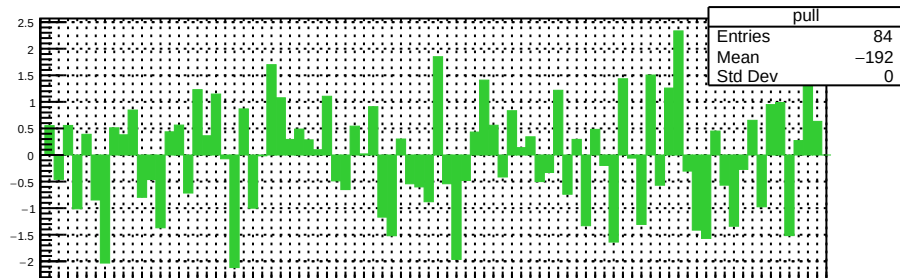
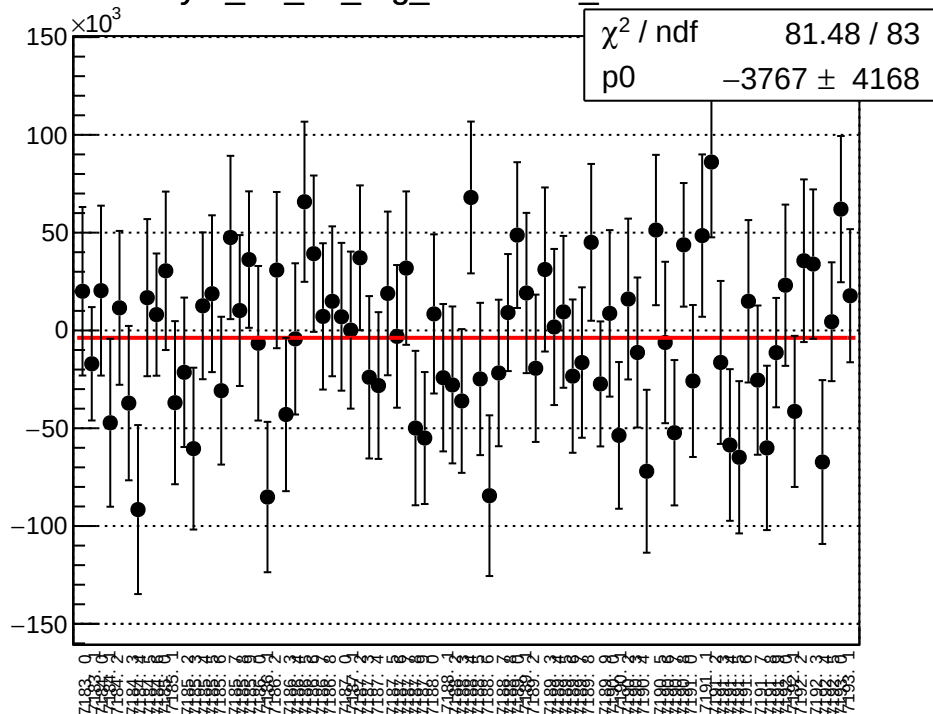
reg_asym_atr_dd_mean vs run



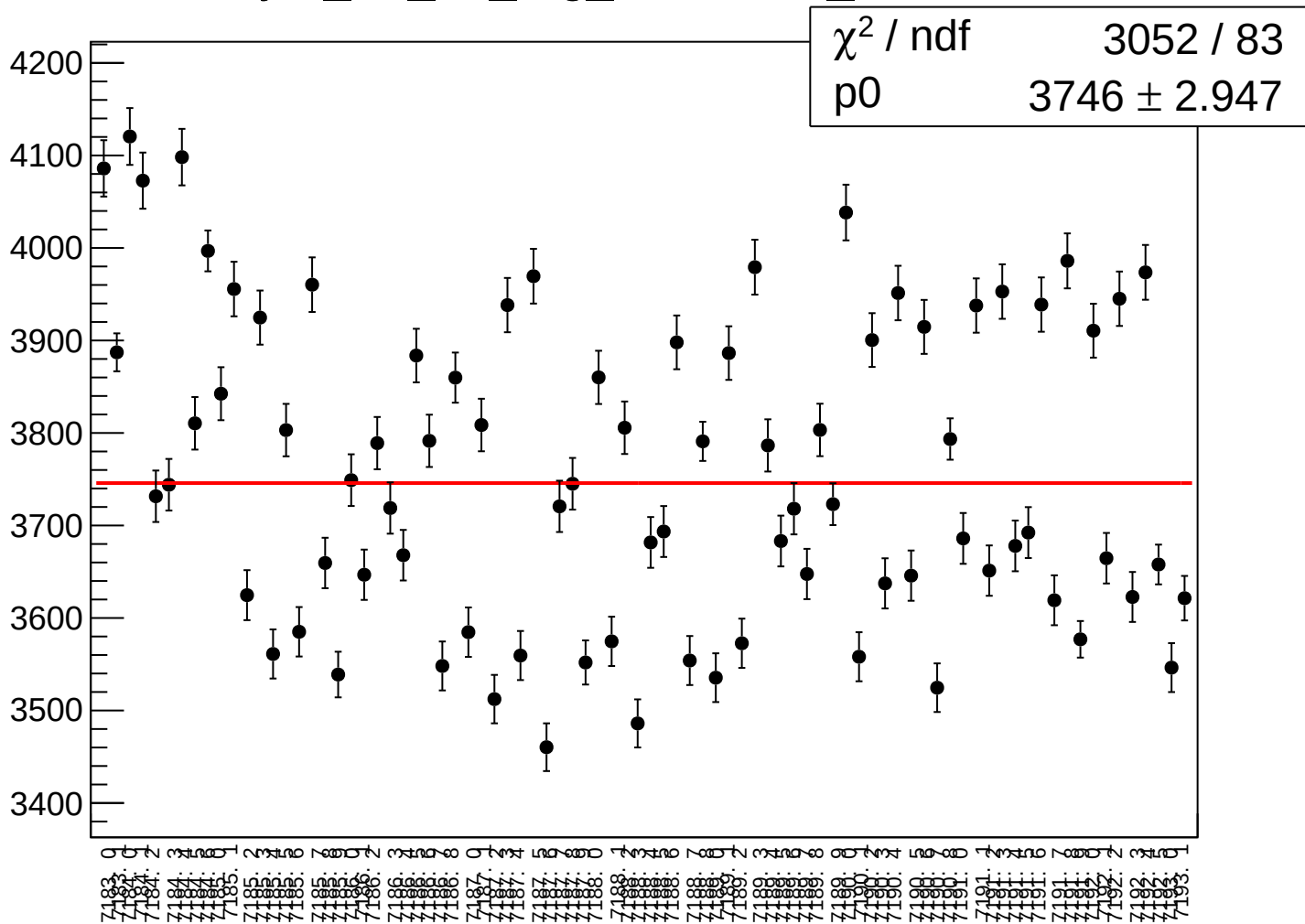
reg_asym_atr_dd_rms vs run



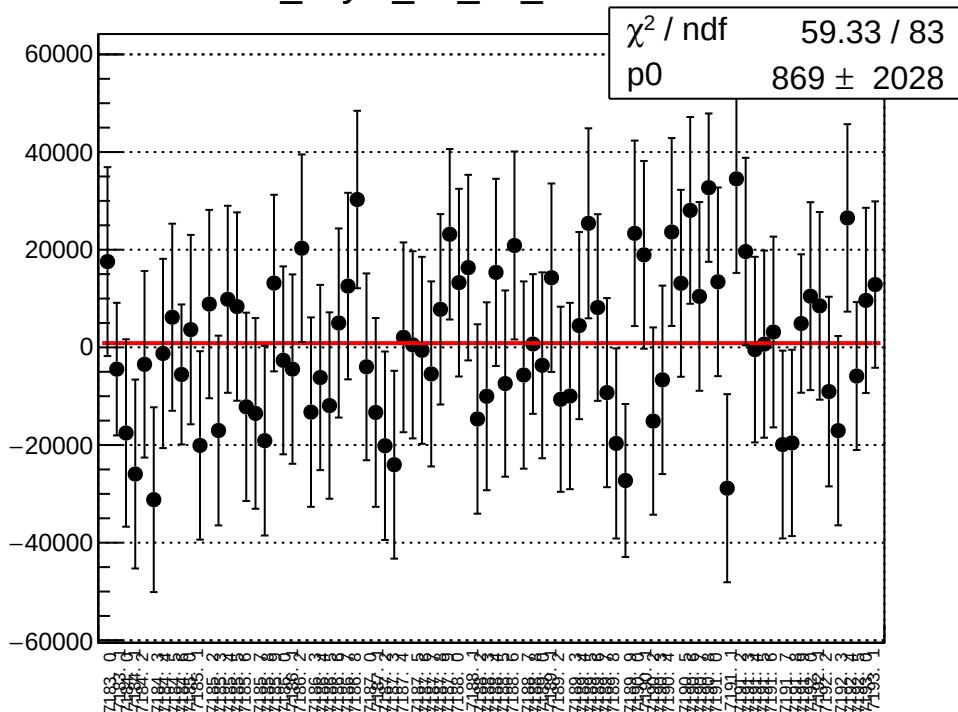
asym_atr_dd_reg_correction_mean vs run



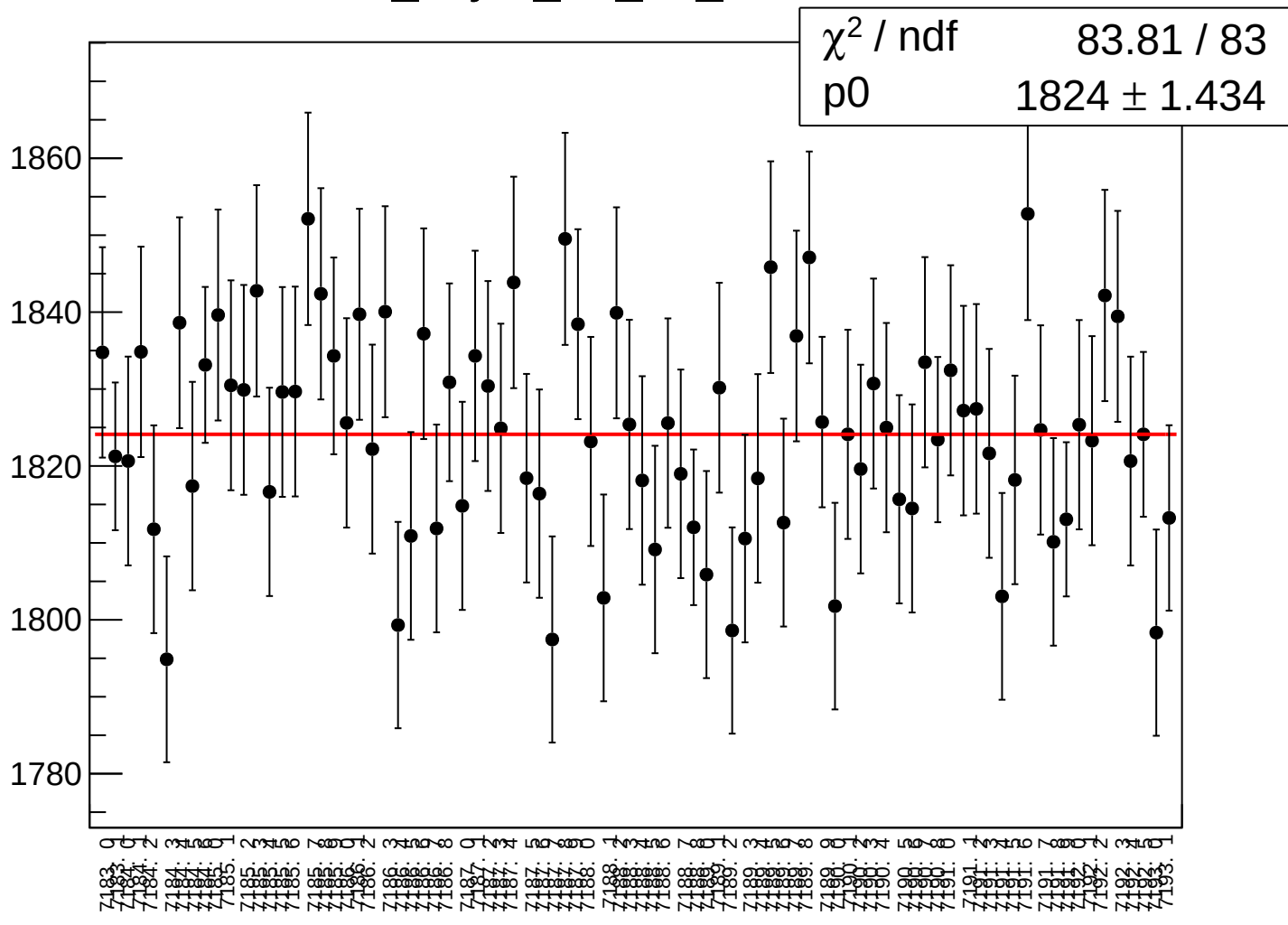
asym_atr_dd_reg_correction_rms vs run



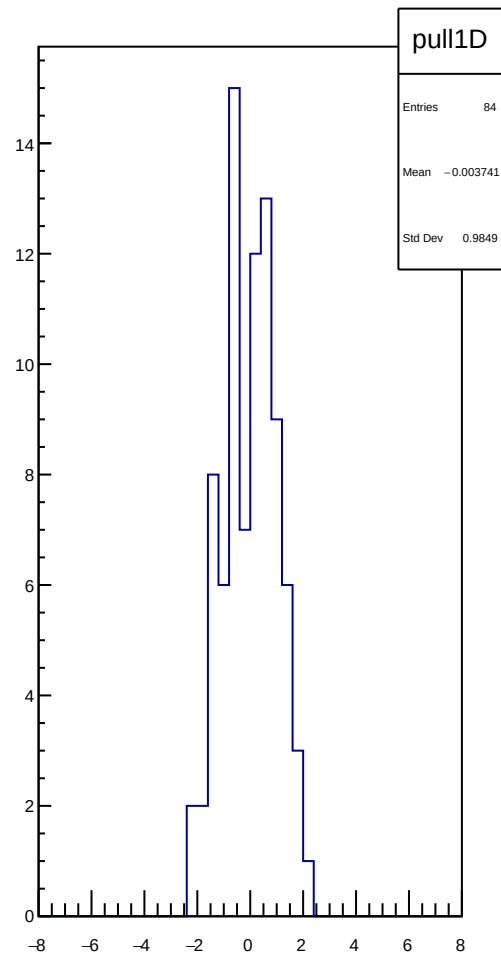
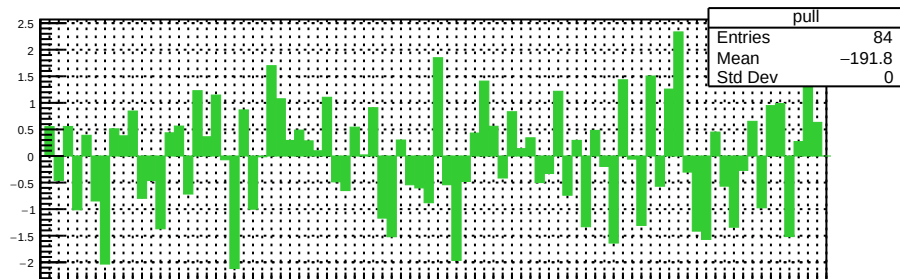
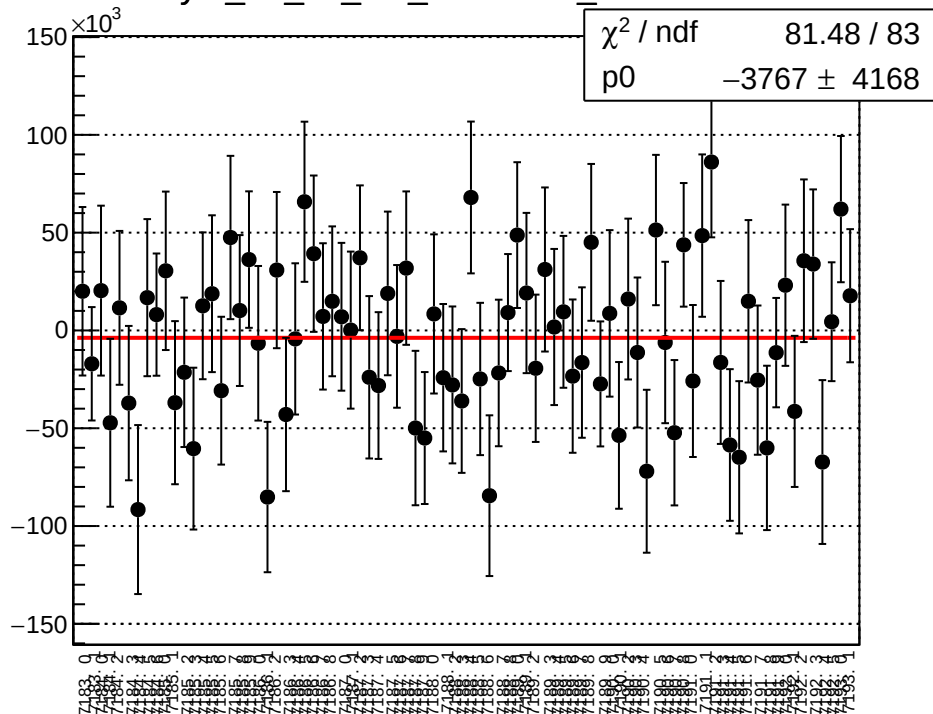
cor_asym_atr_dd_mean vs run



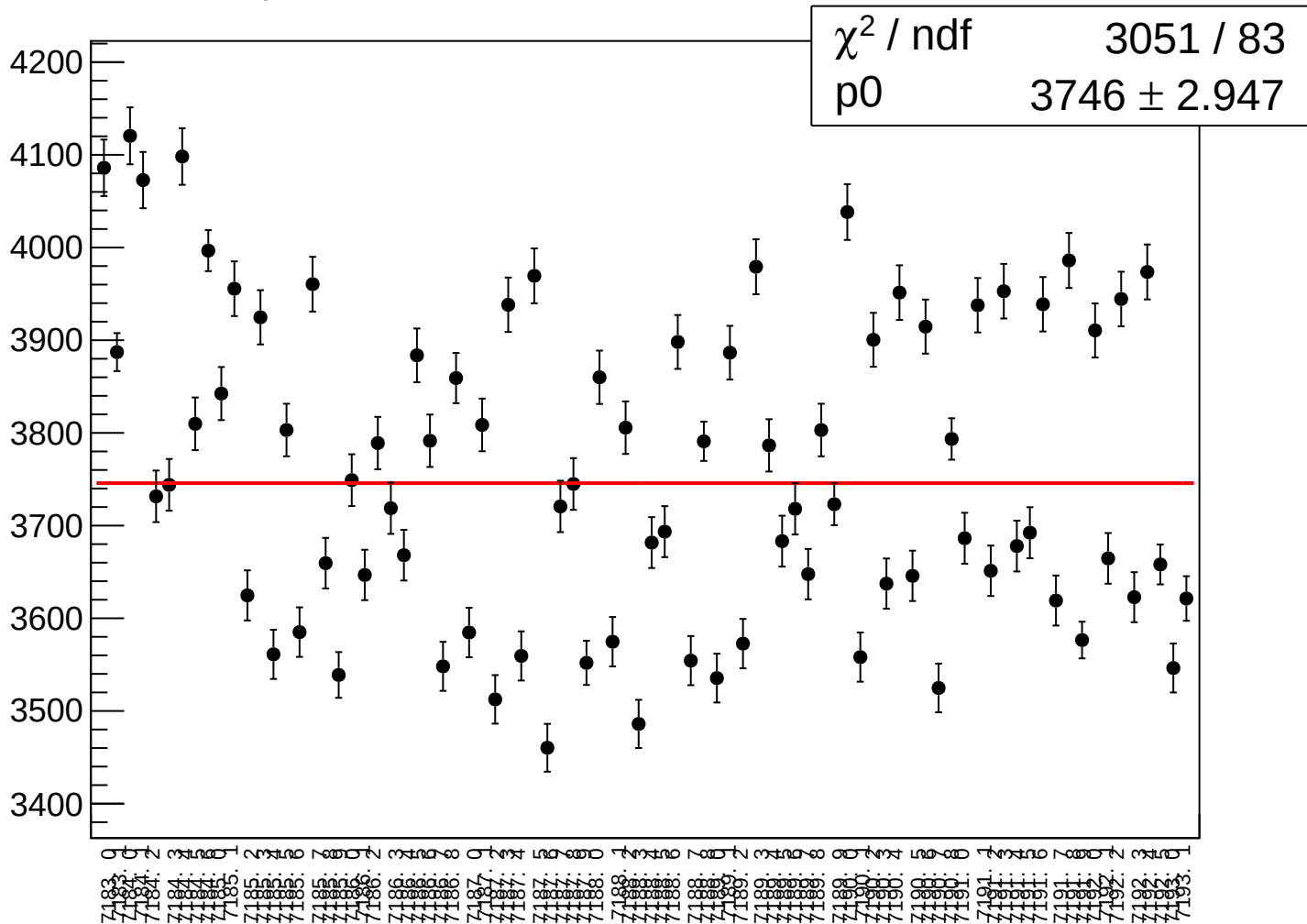
cor_asym_atr_dd_rms vs run



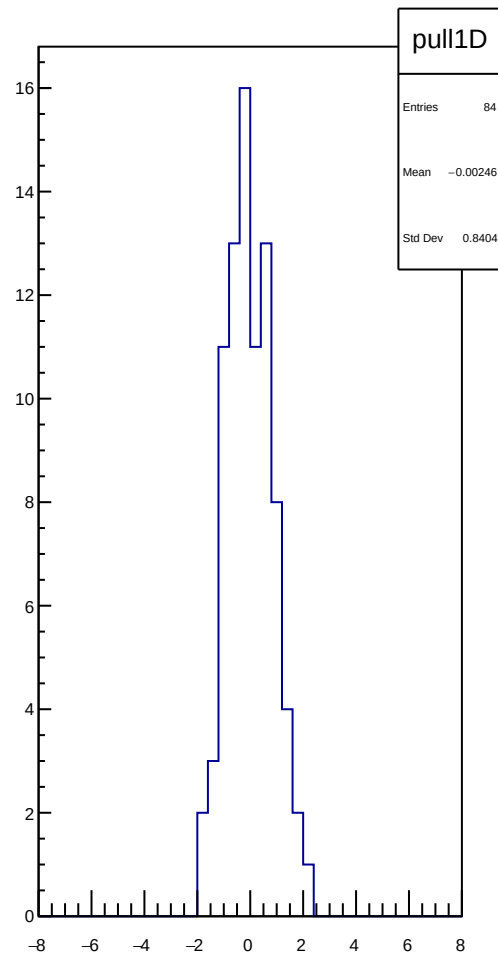
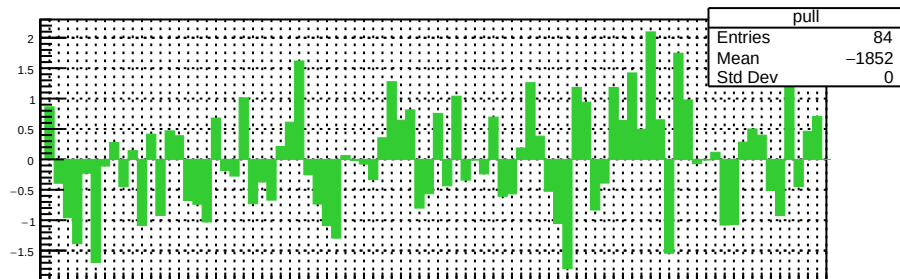
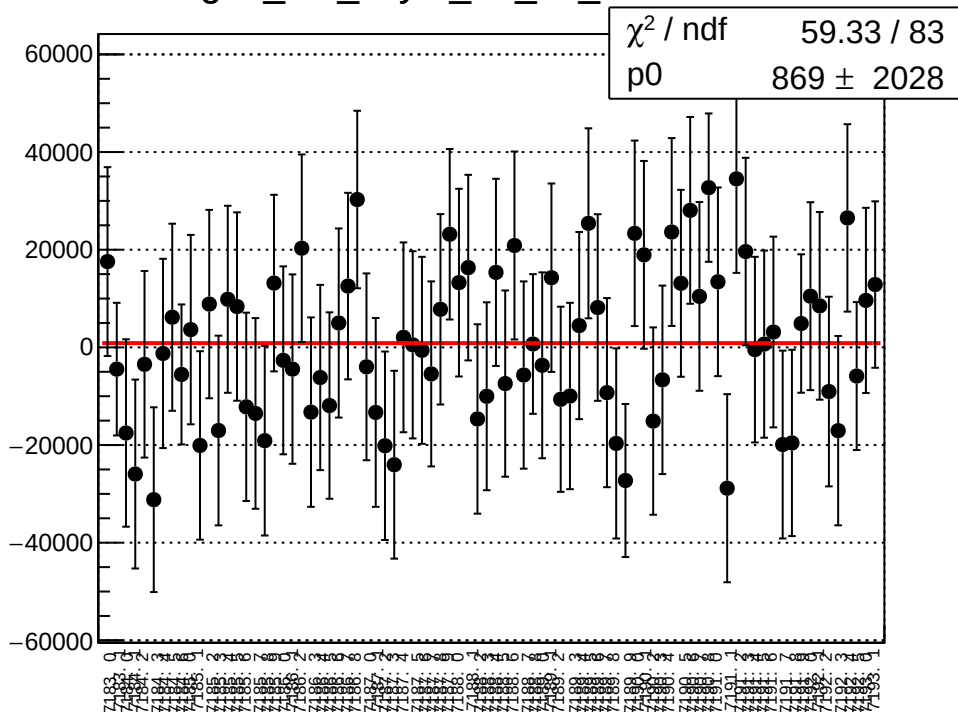
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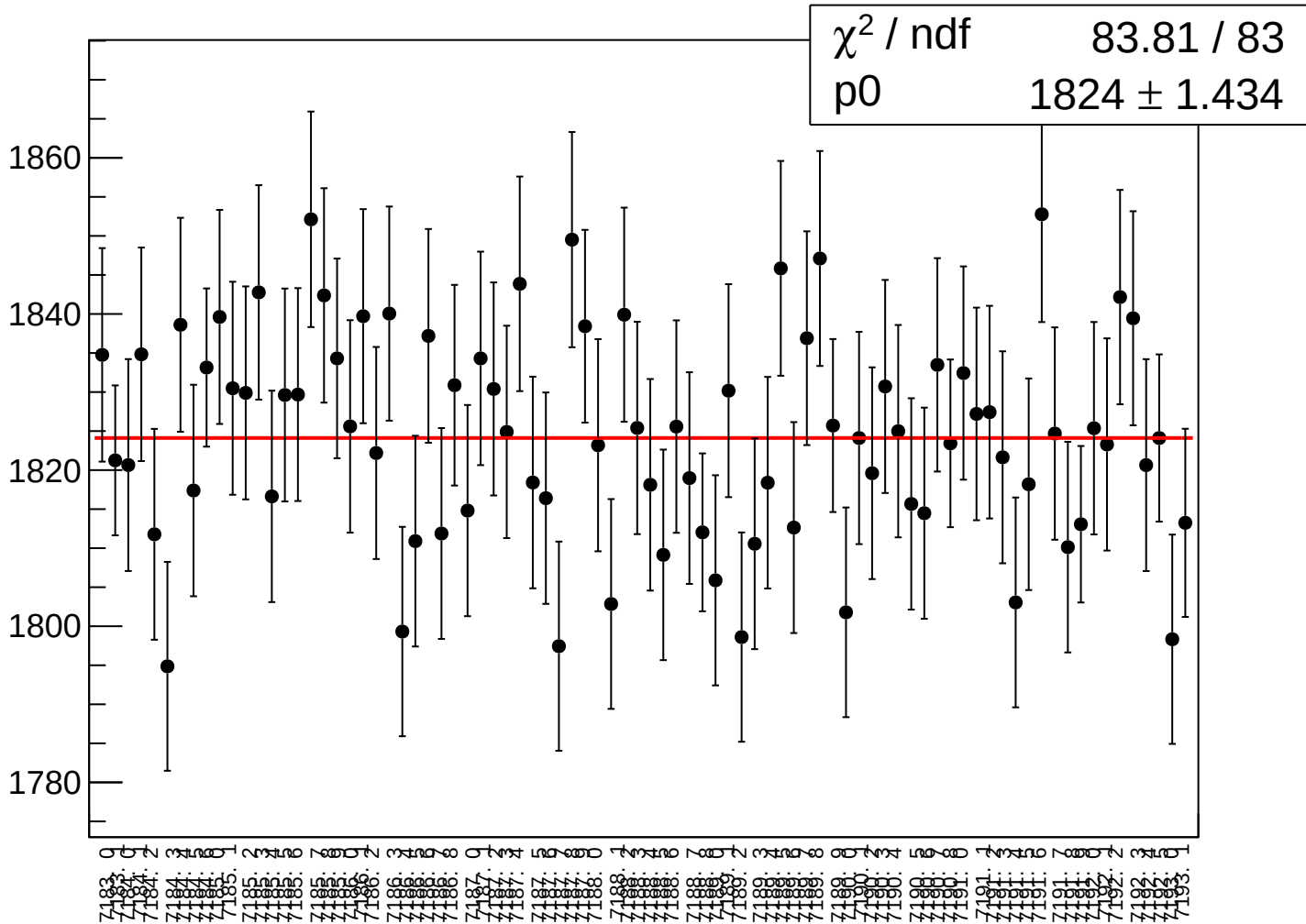
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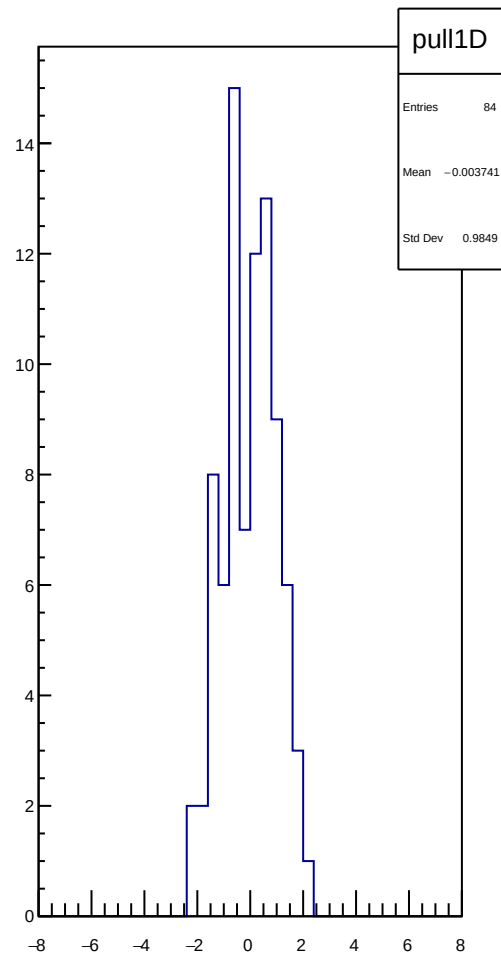
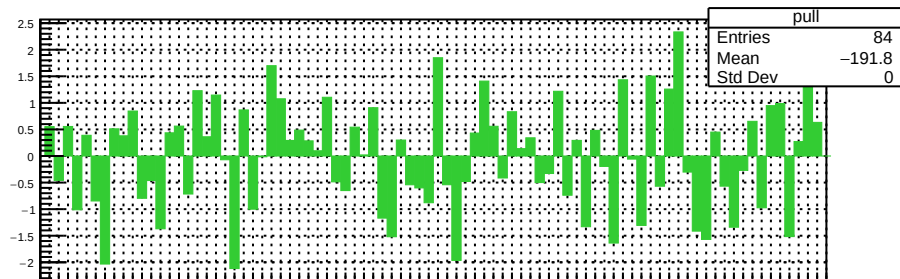
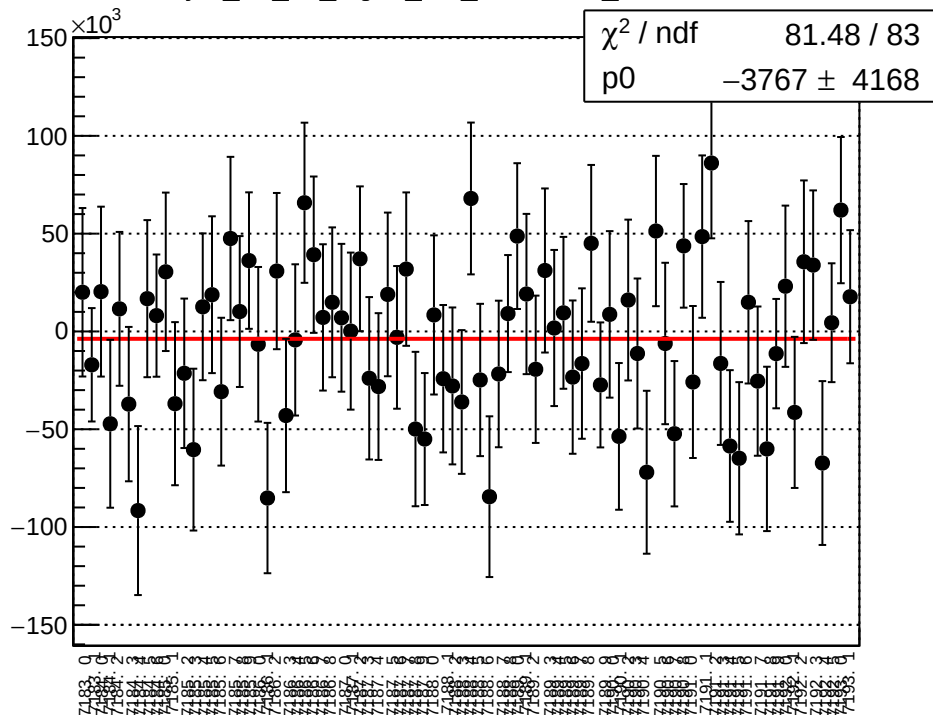
eigen_cor_asym_atr_dd_mean vs run



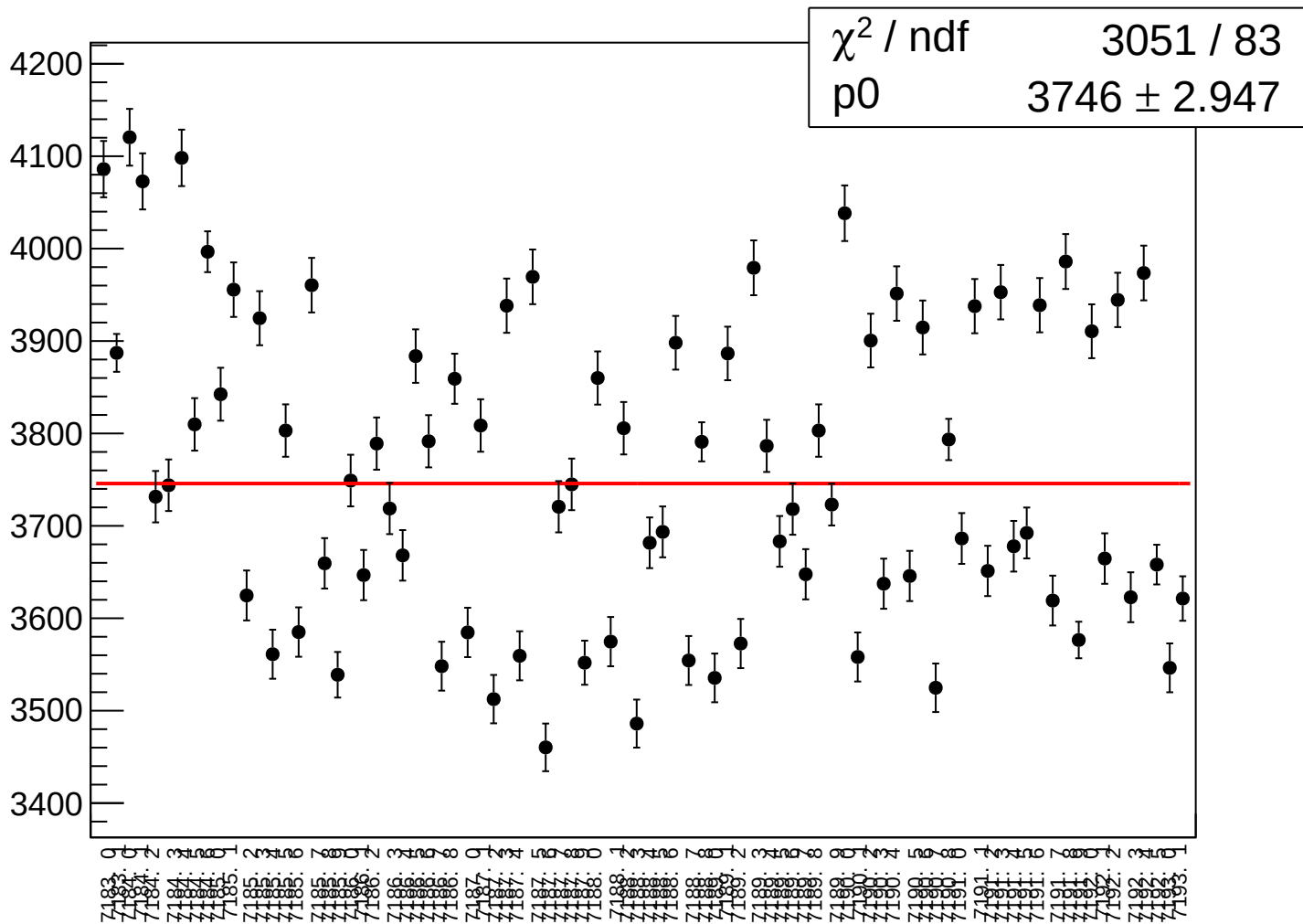
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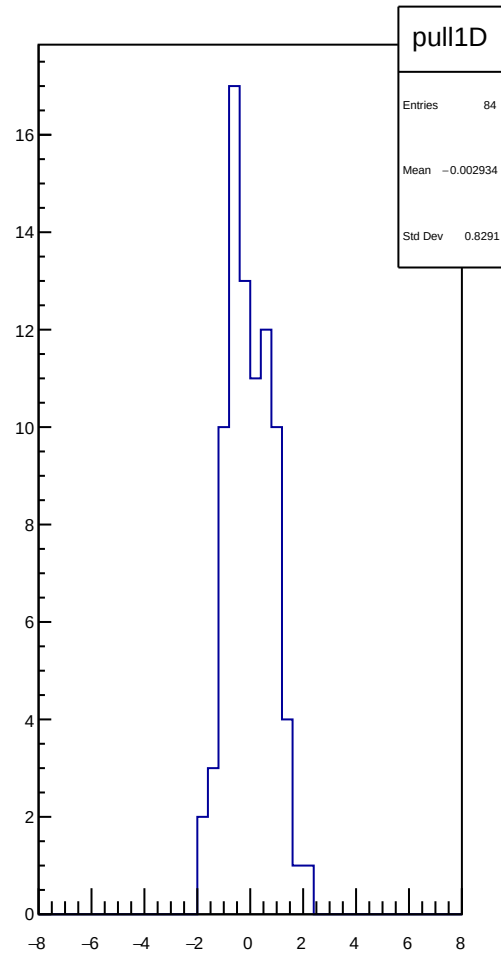
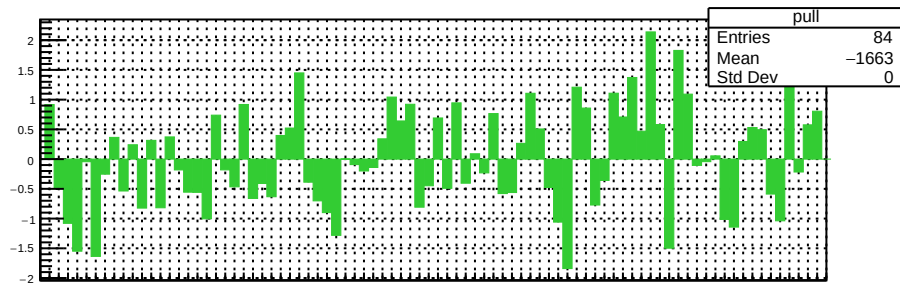
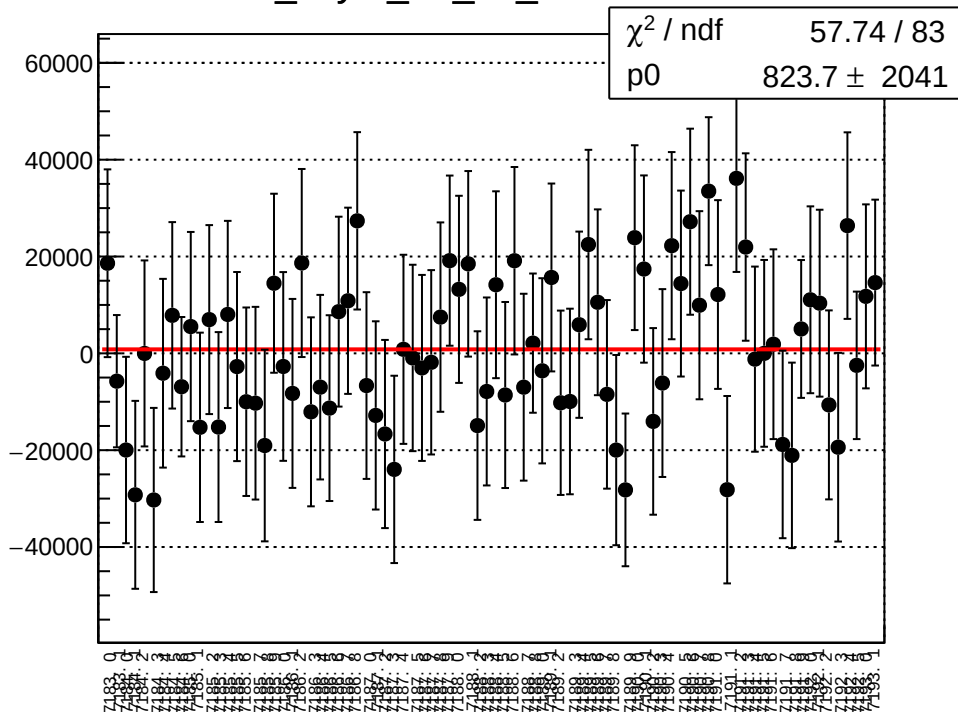
asym_atr_dd_eigen_cor_correction_mean vs run



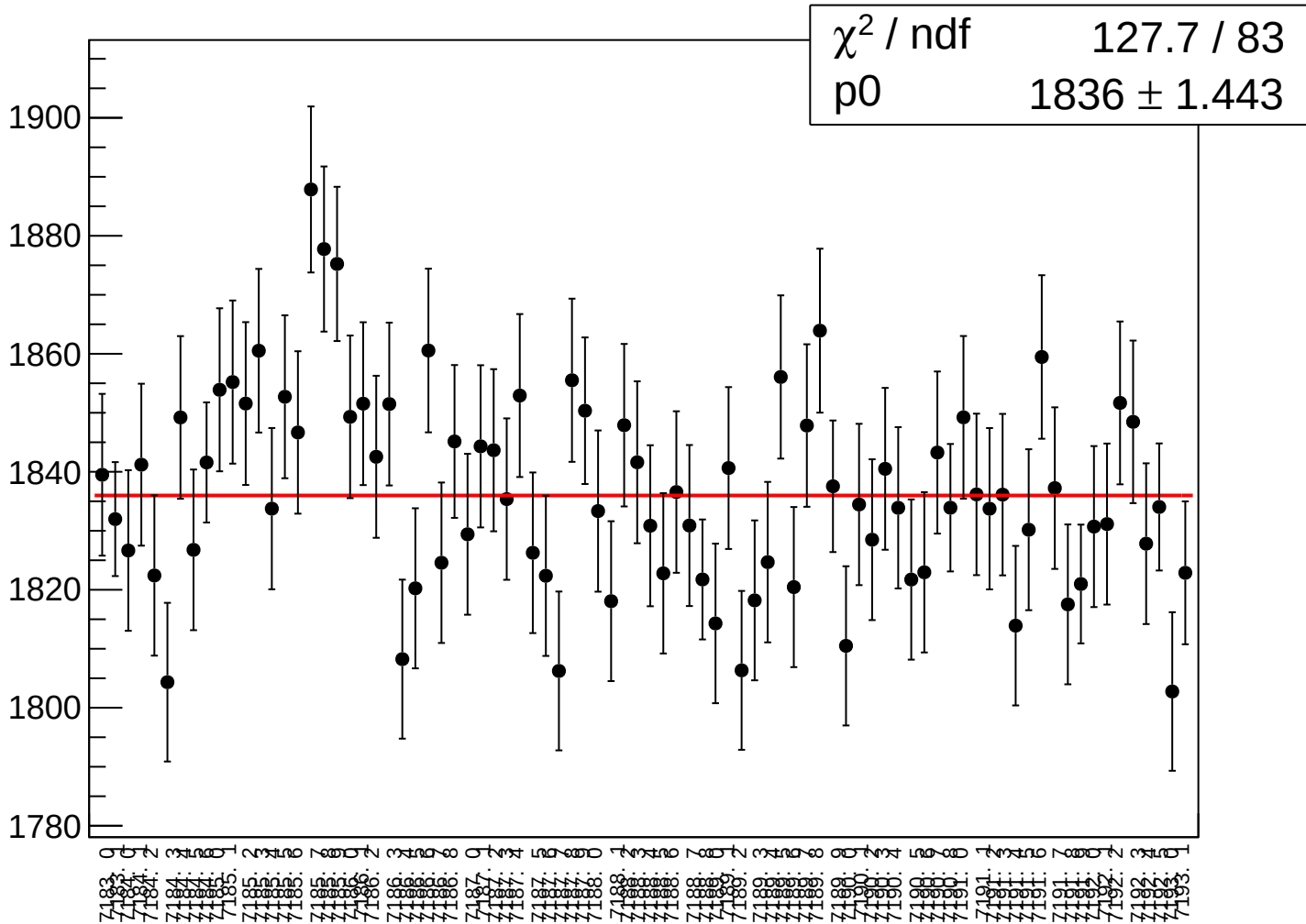
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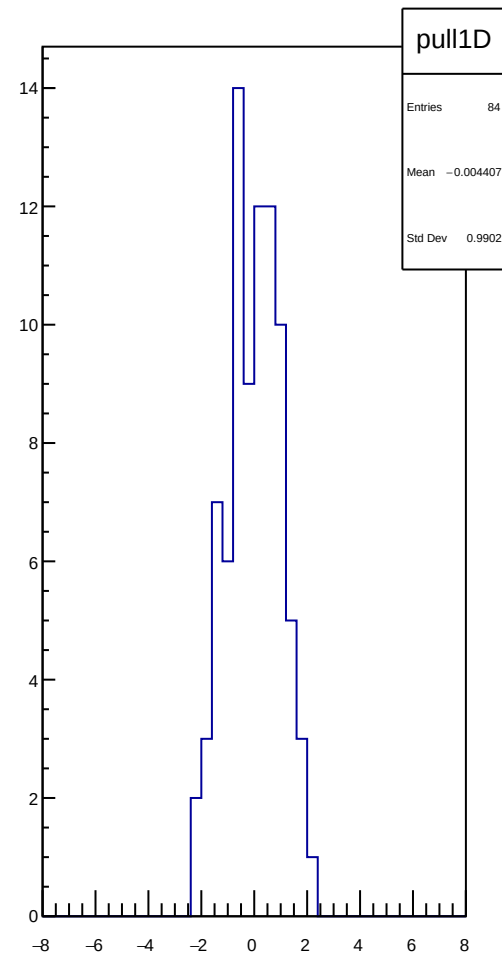
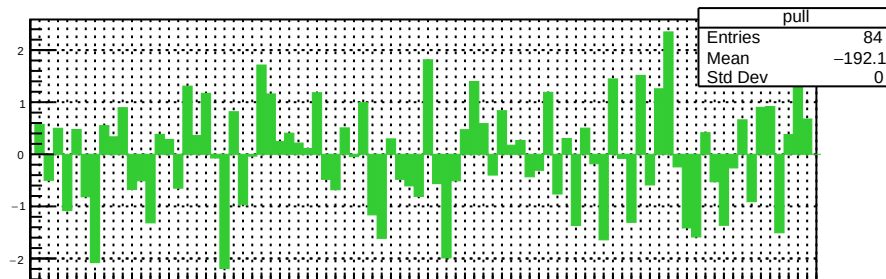
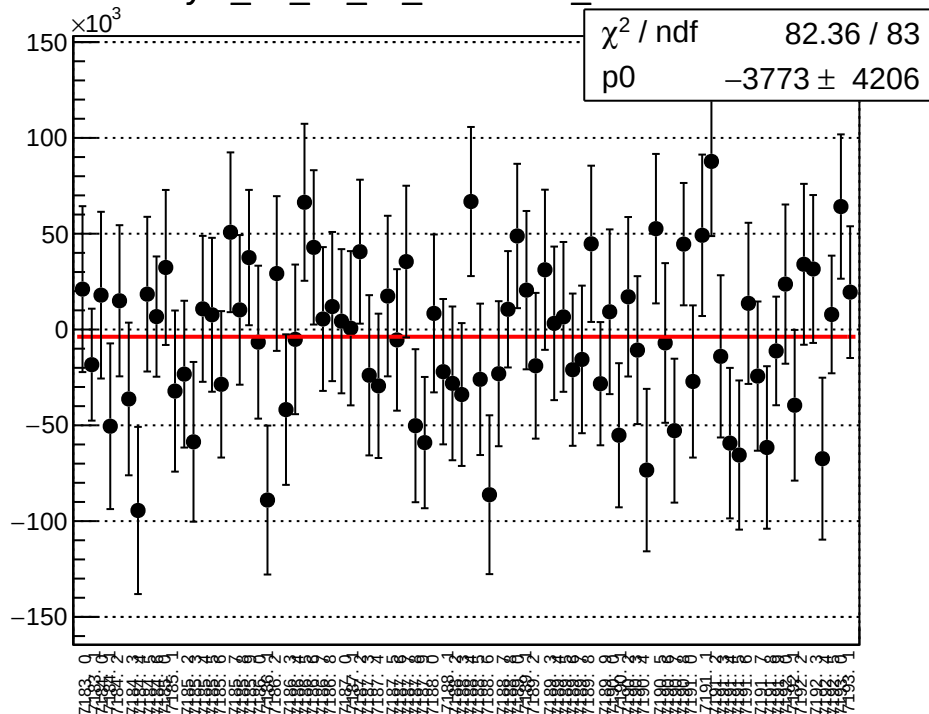
dit_asym_atr_dd_mean vs run



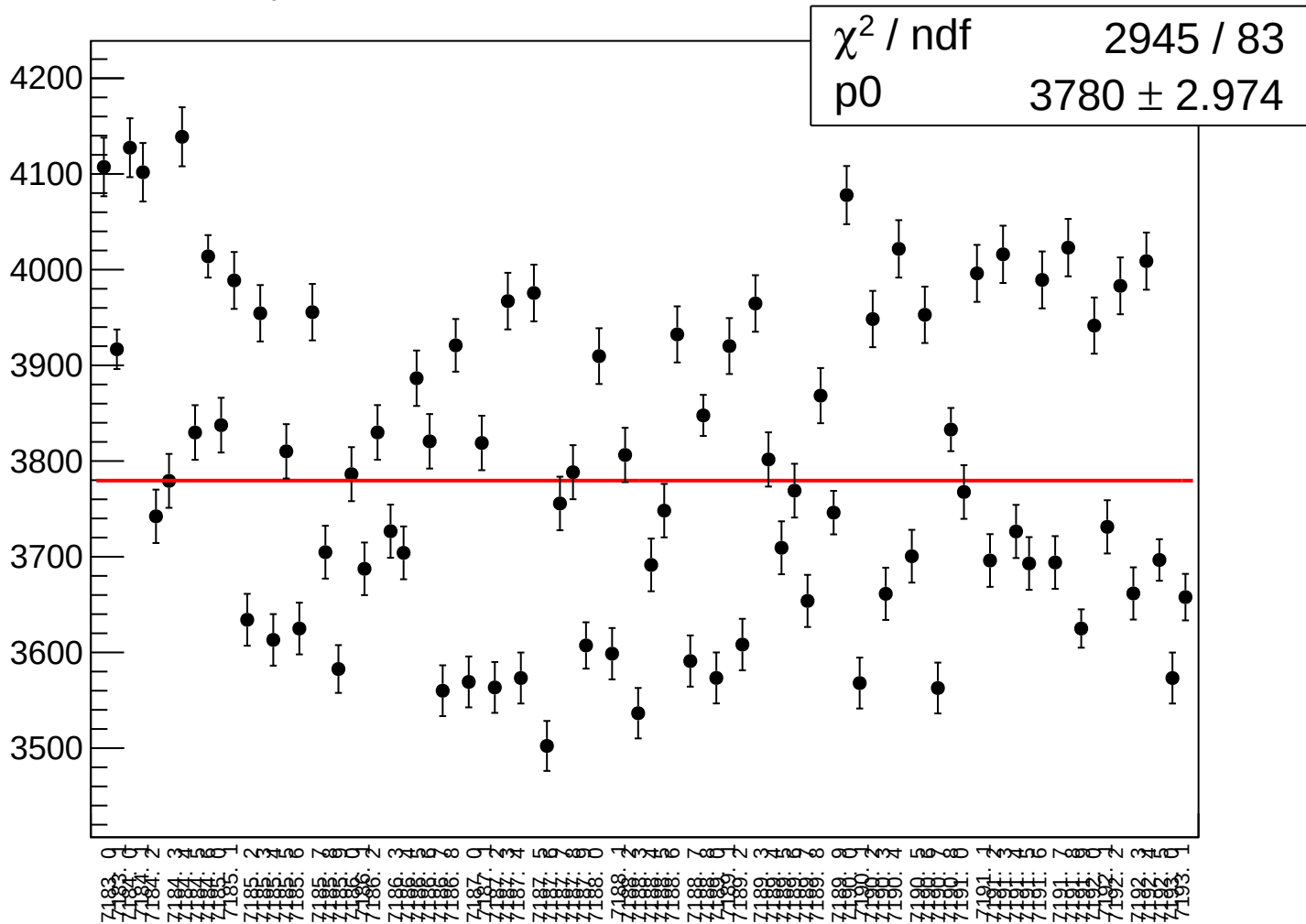
dit_asym_atr_dd_rms vs run



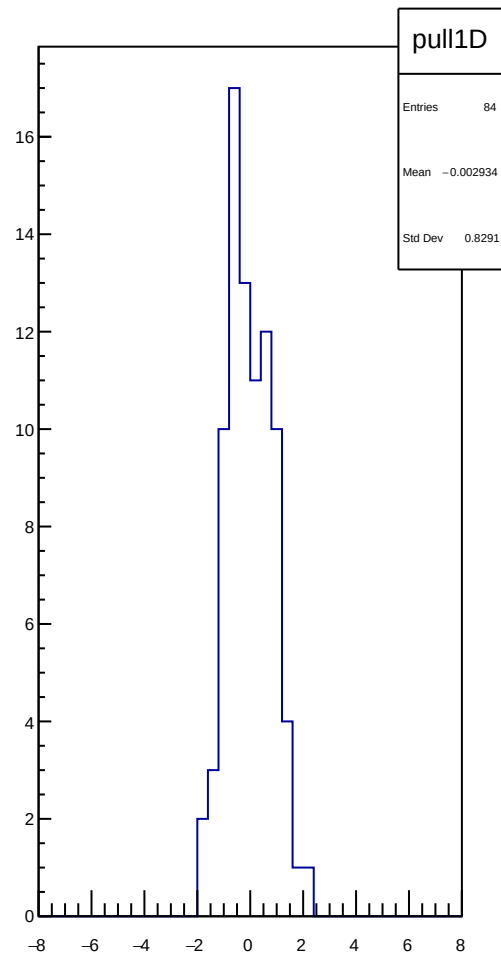
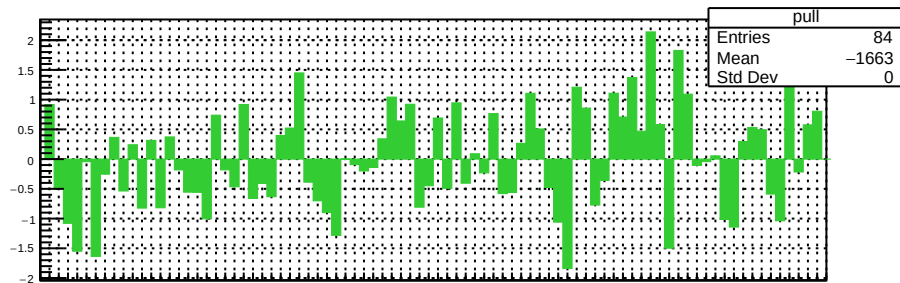
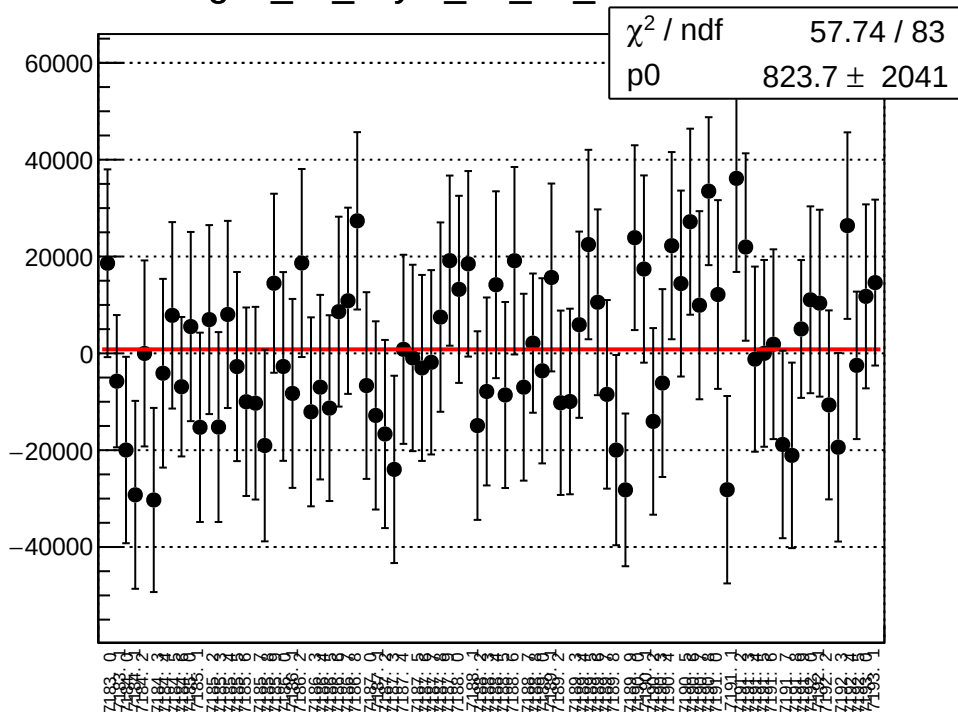
asym_atr_dd_dit_correction_mean vs run



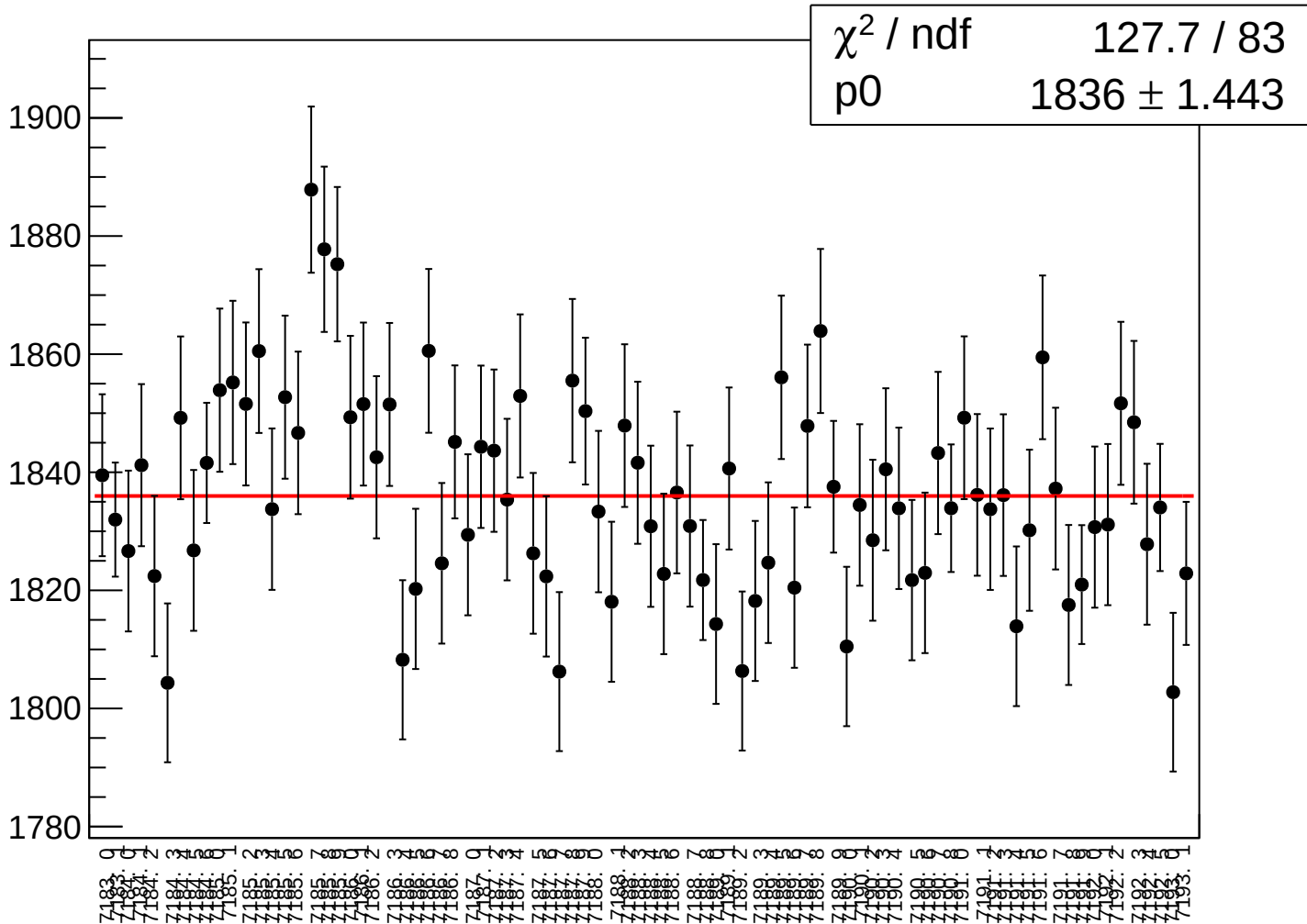
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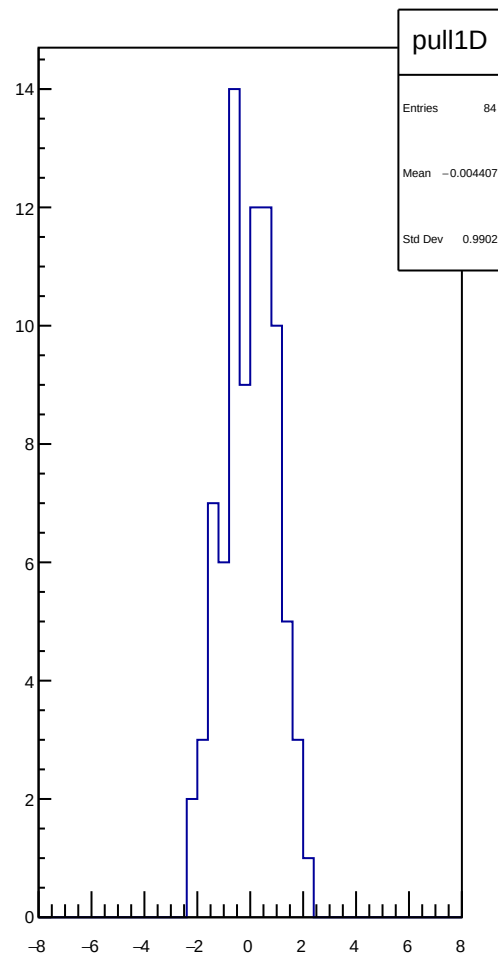
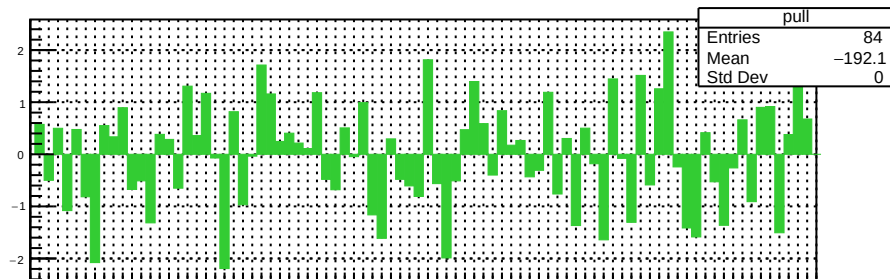
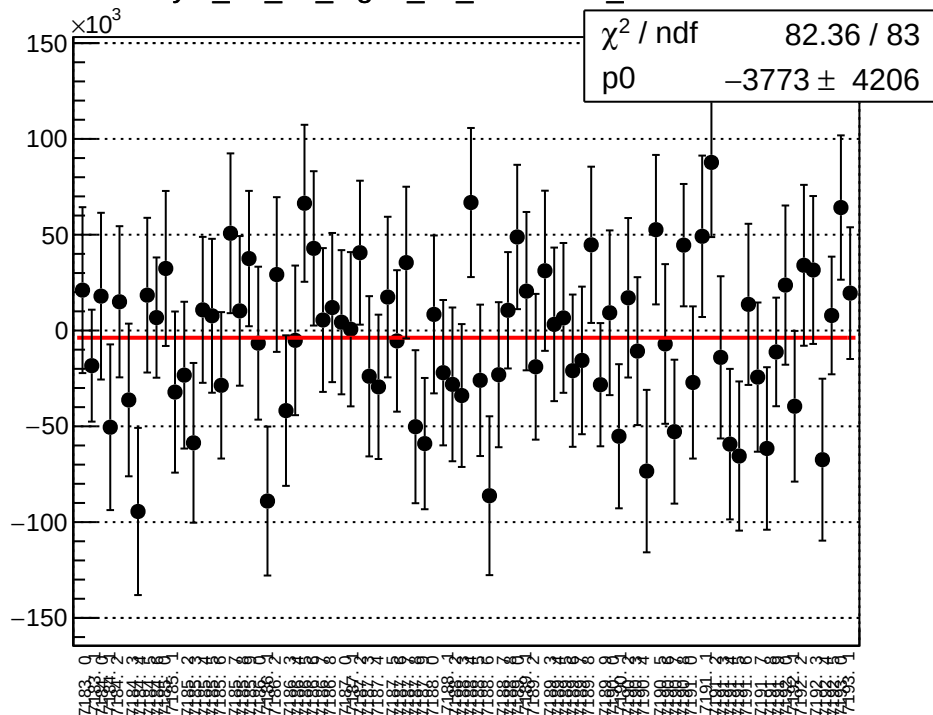
eigen_dit_asym_atr_dd_mean vs run



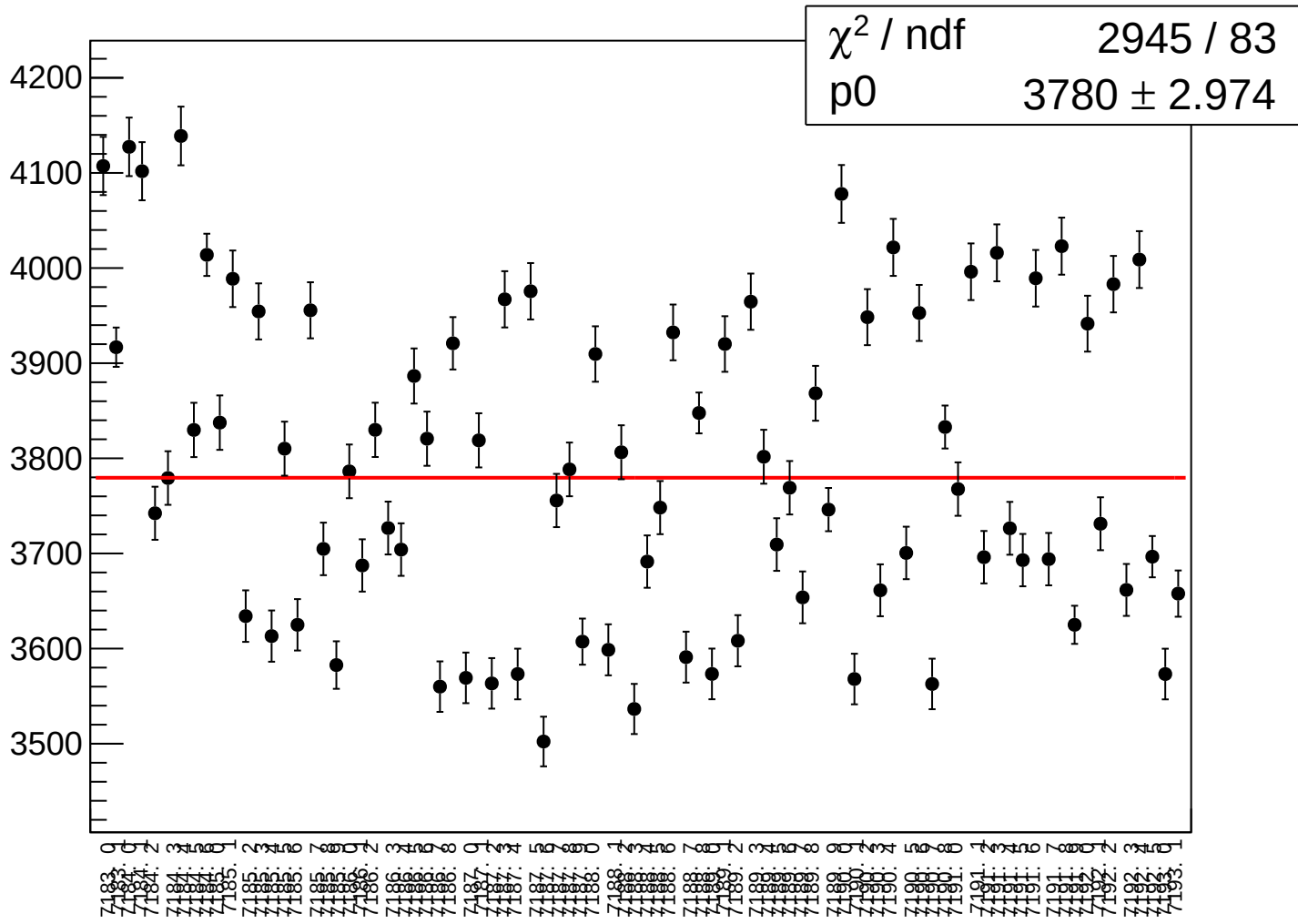
eigen_dit_asym_atr_dd_rms vs run



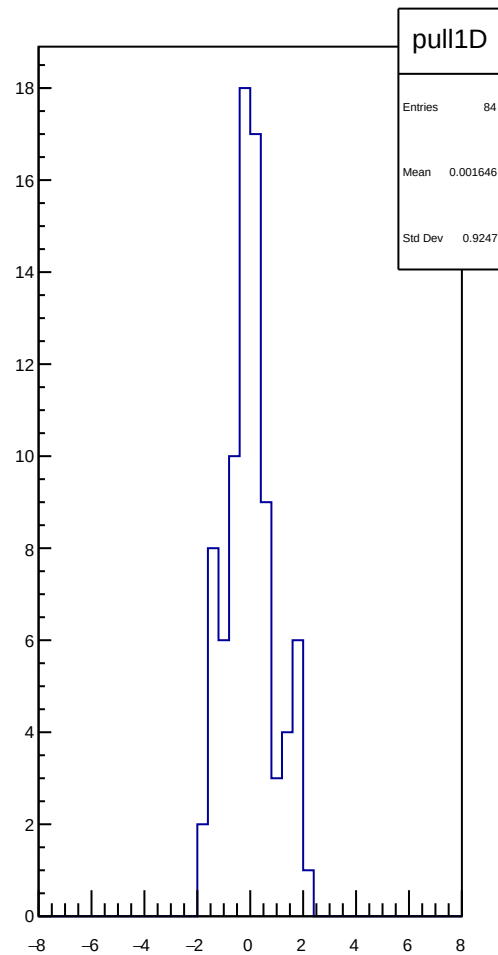
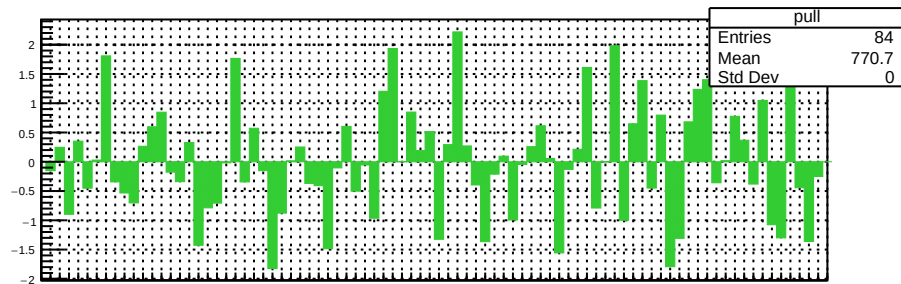
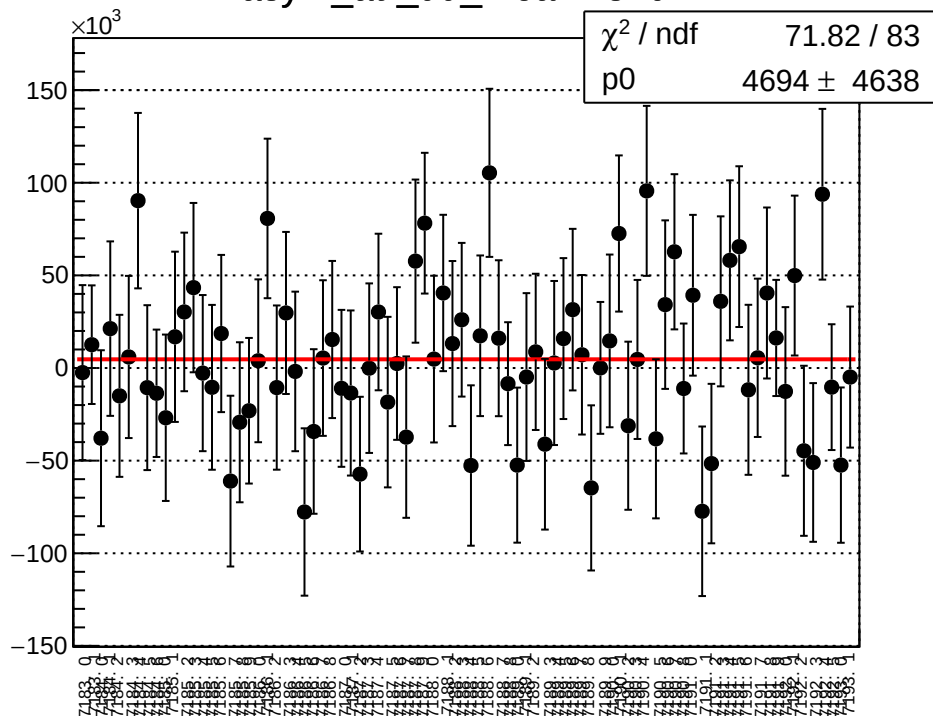
asym_atr_dd_eigen_dit_correction_mean vs run



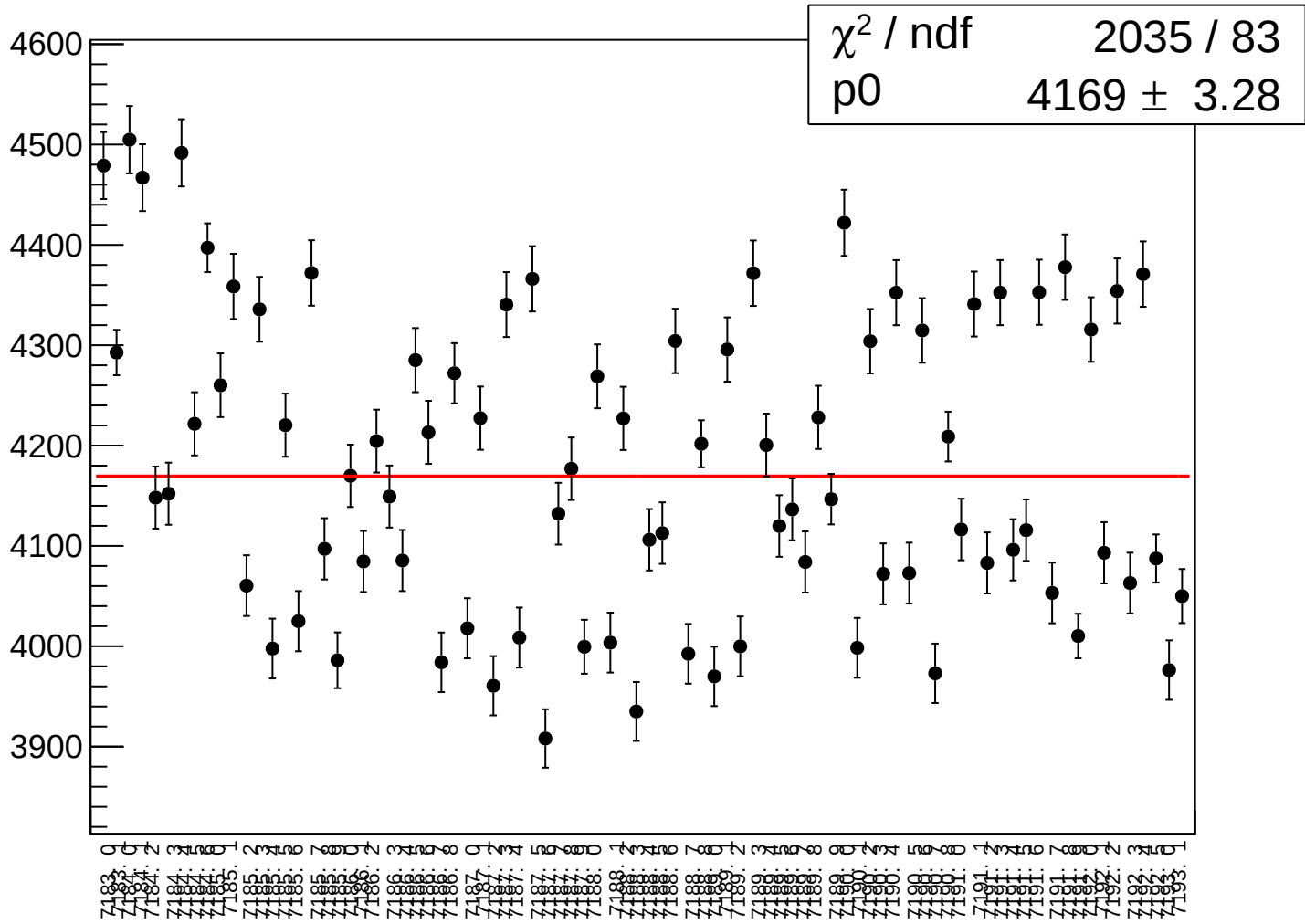
asym_atr_dd_eigen_dit_correction_rms vs run



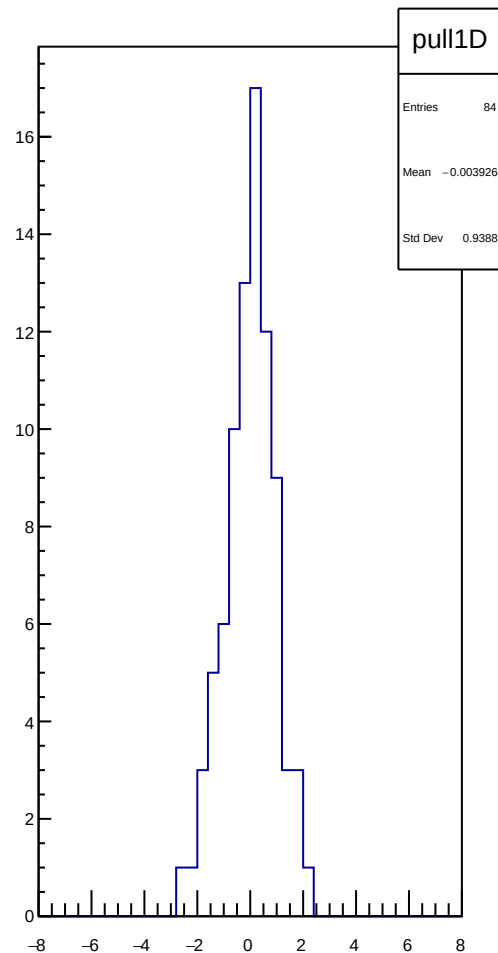
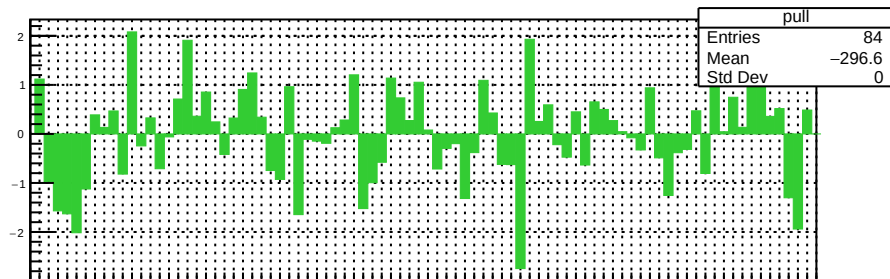
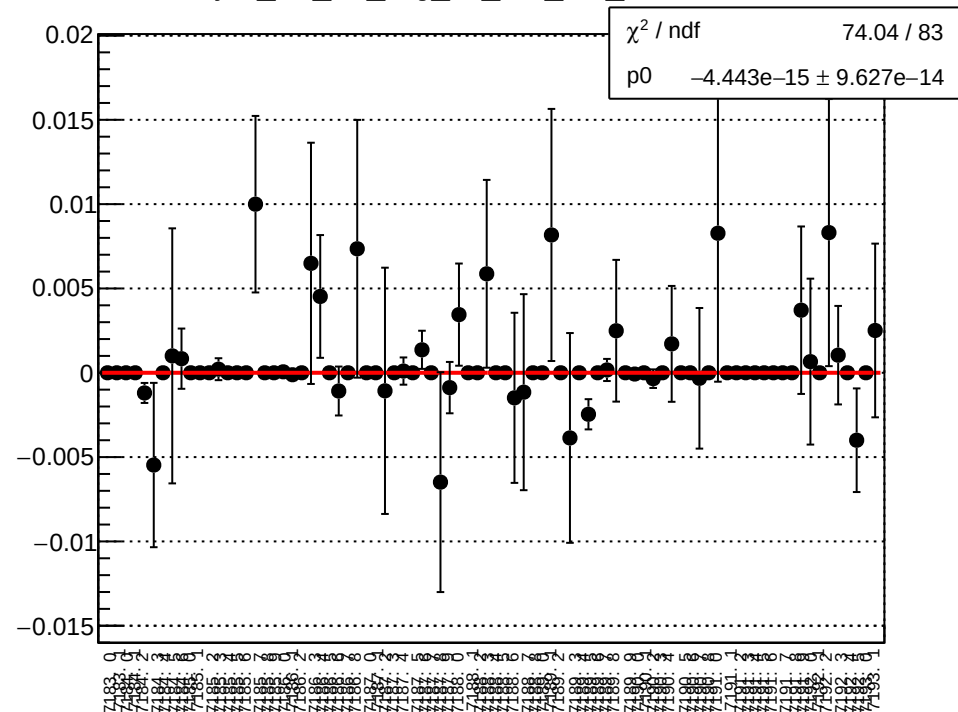
asym_atr_dd_mean vs run



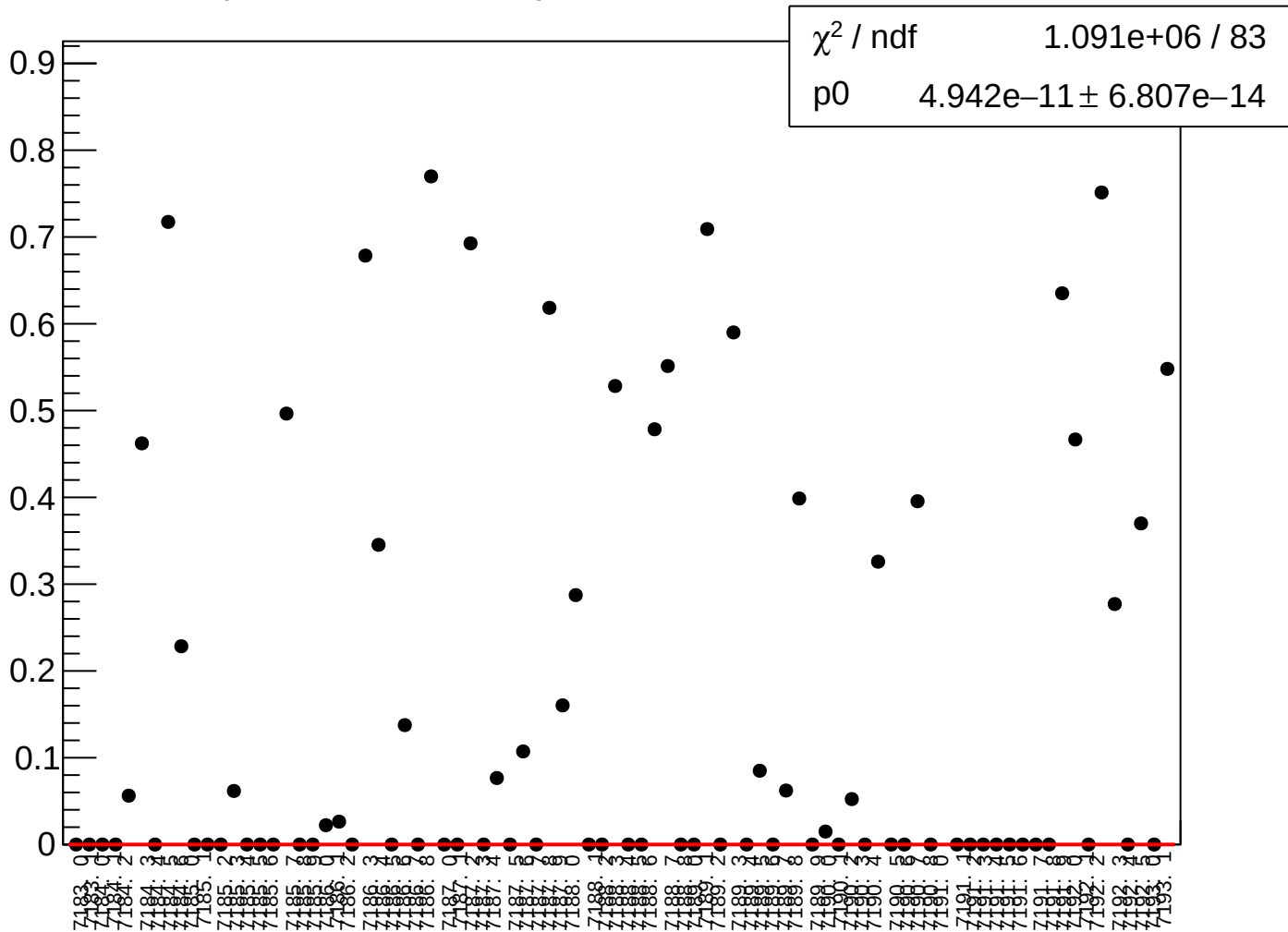
asym_atr_dd_rms vs run



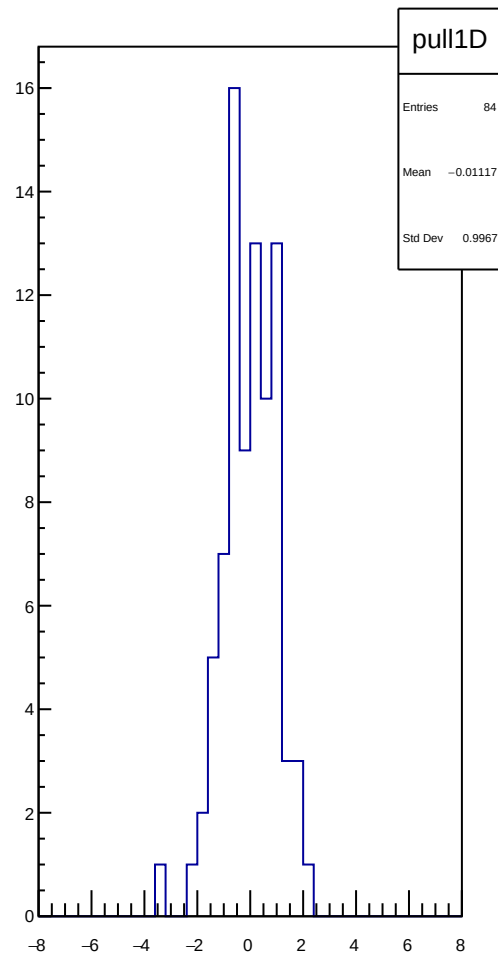
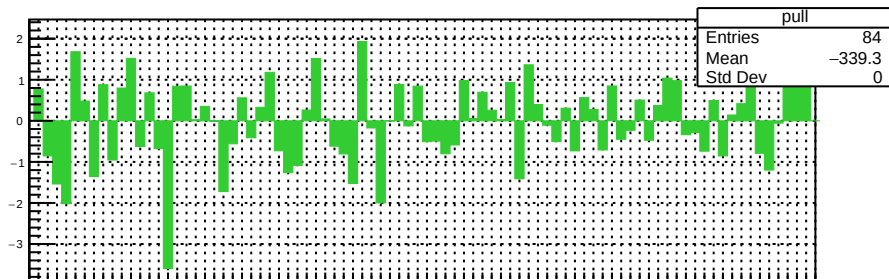
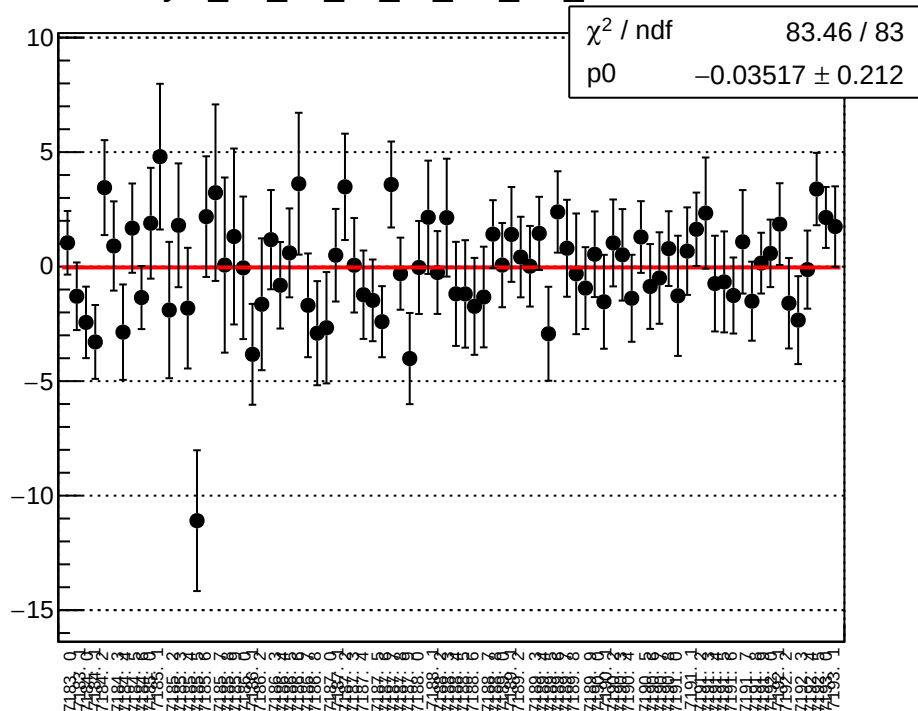
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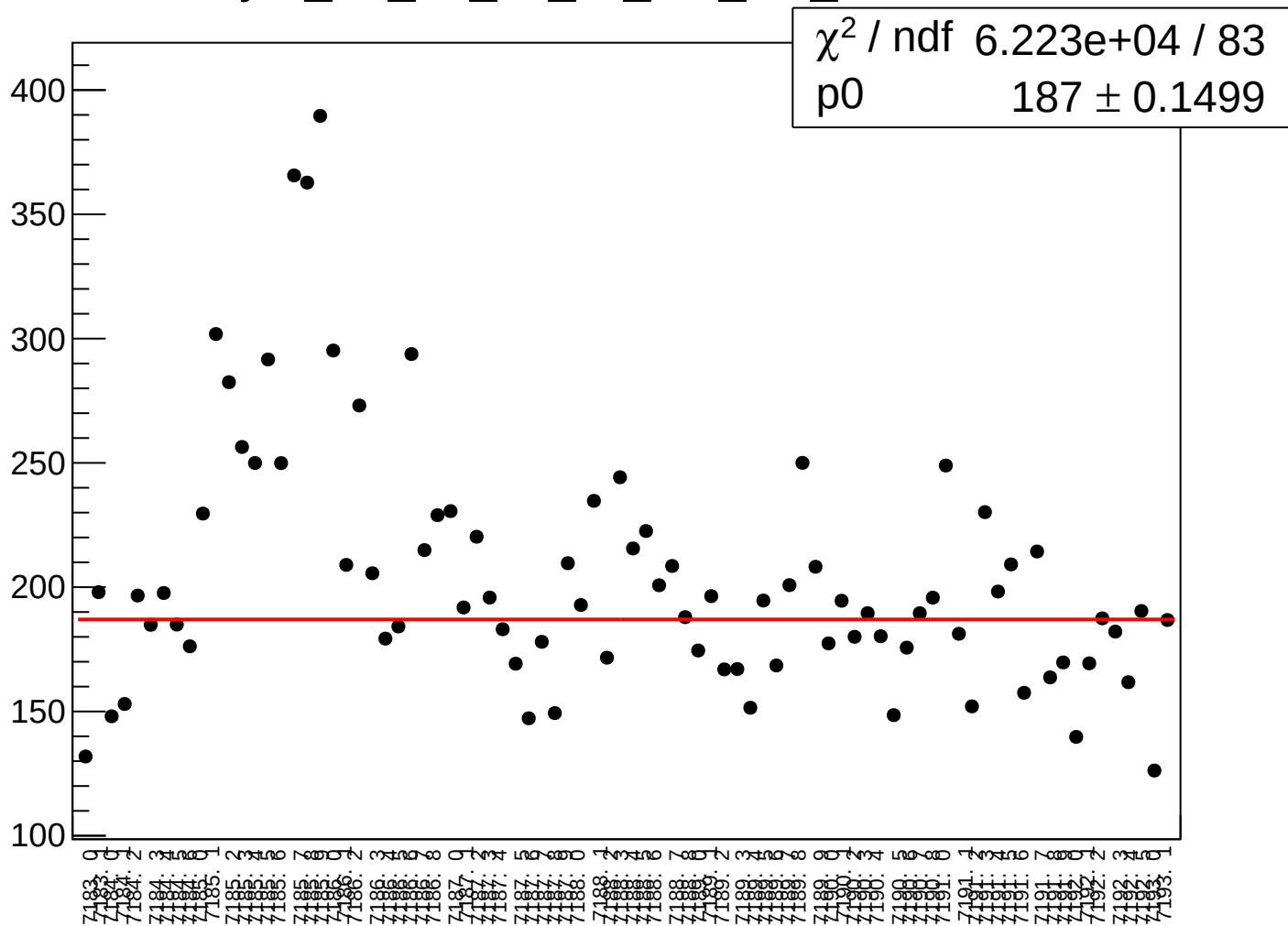
asym atr dd reg vs cor diff rms vs run



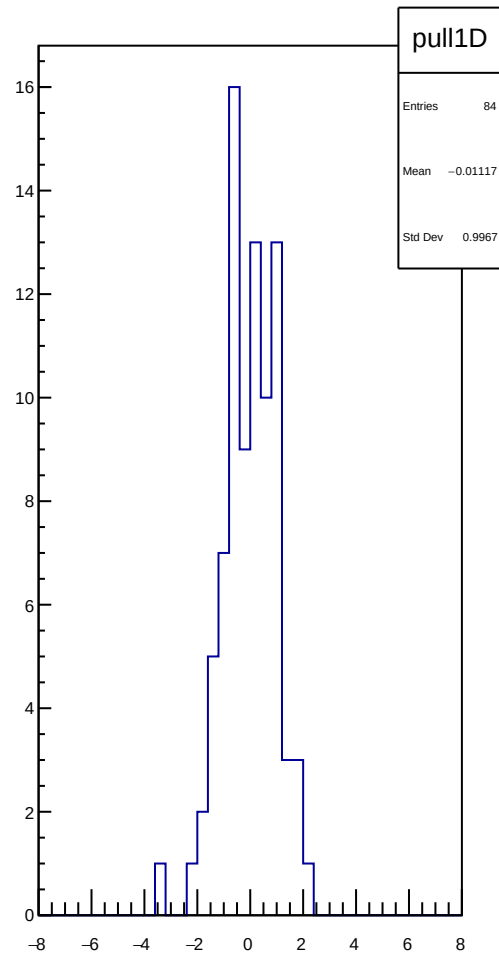
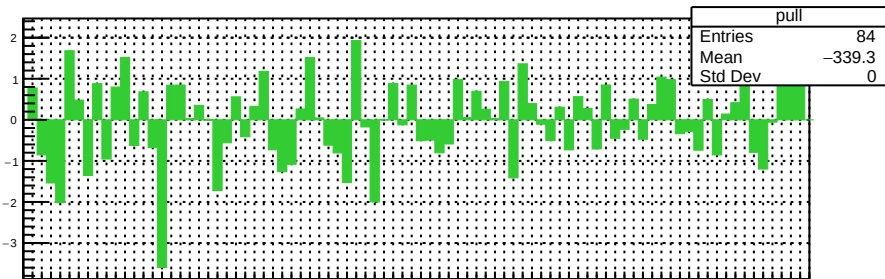
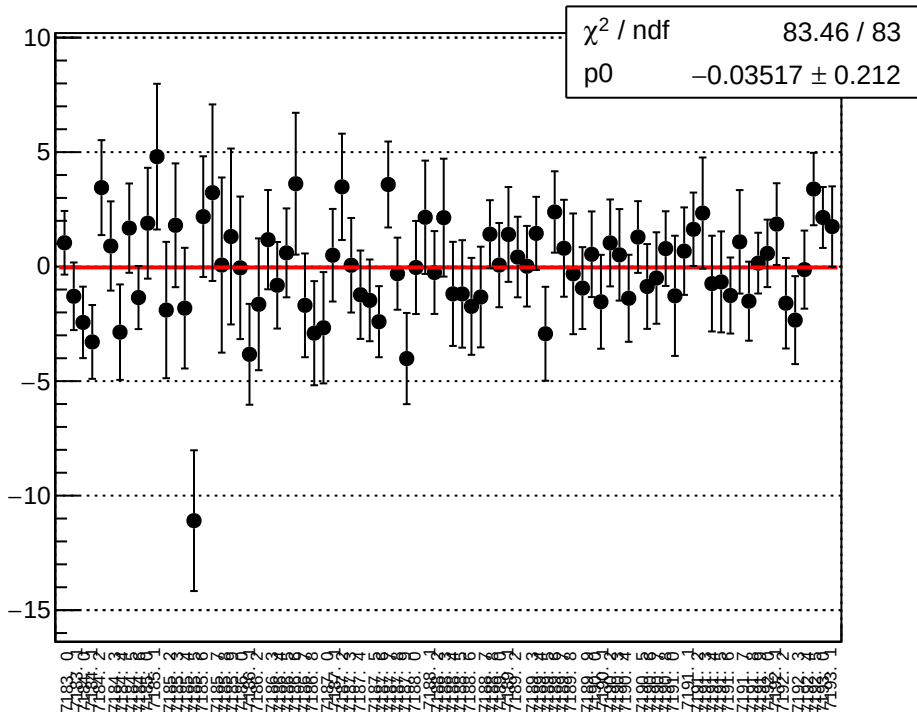
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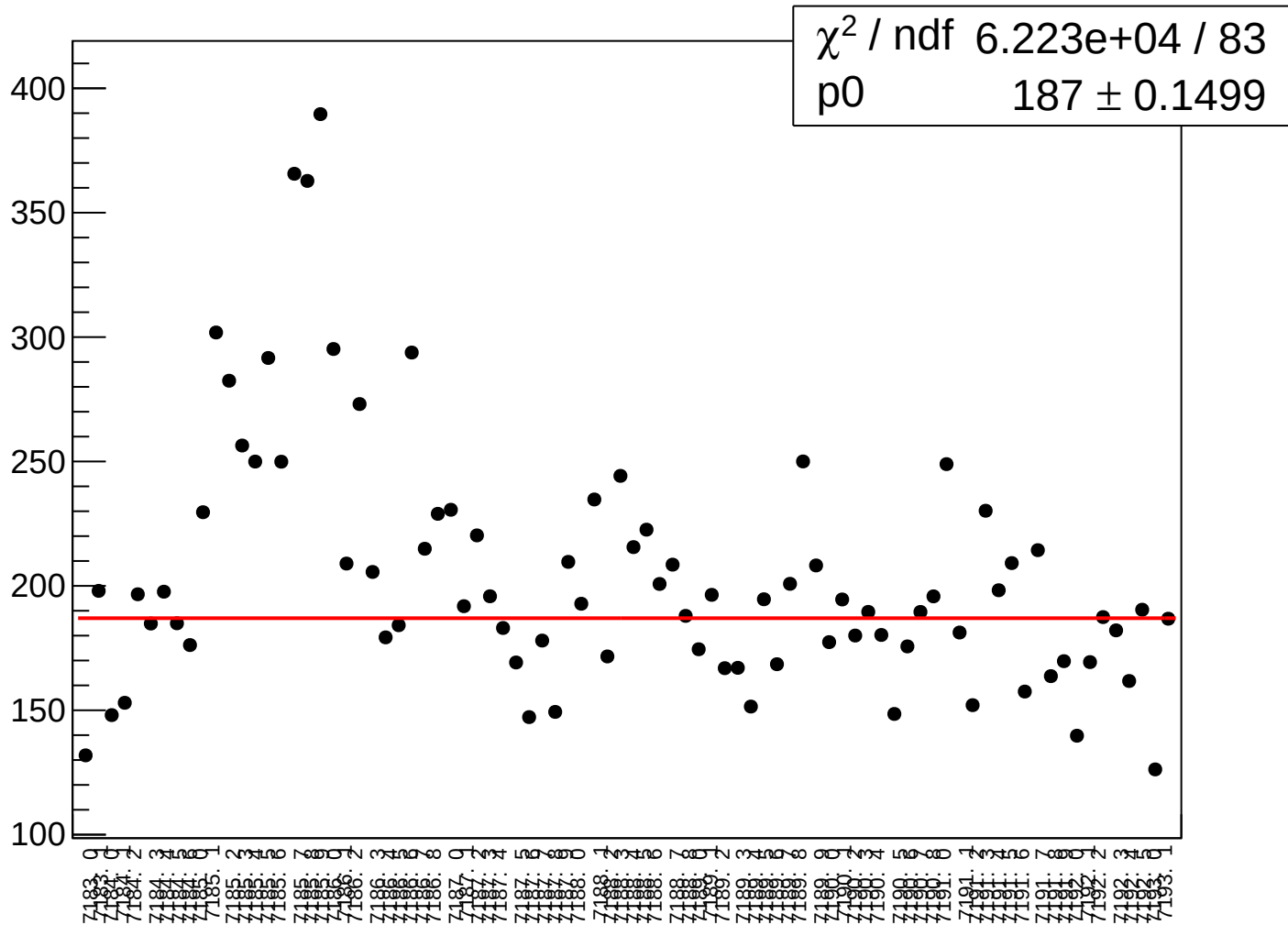
asym_atr_dd_dit_vs_cor_diff_rms vs run



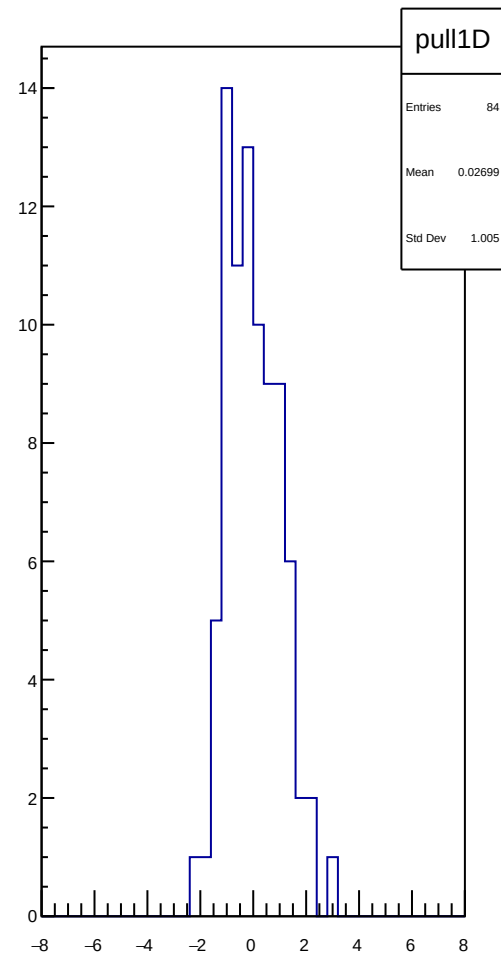
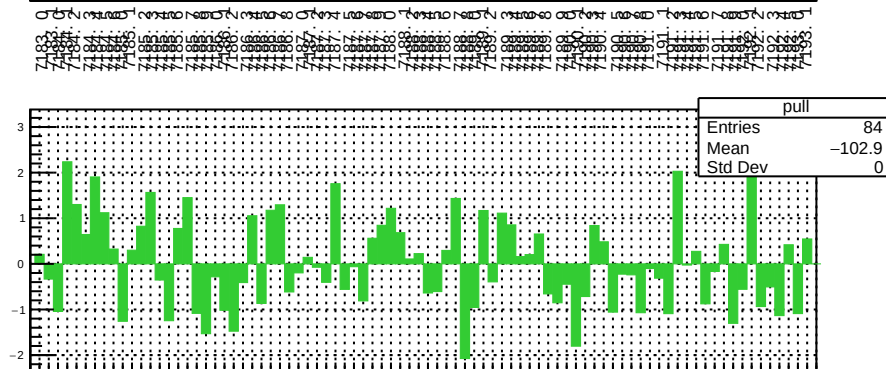
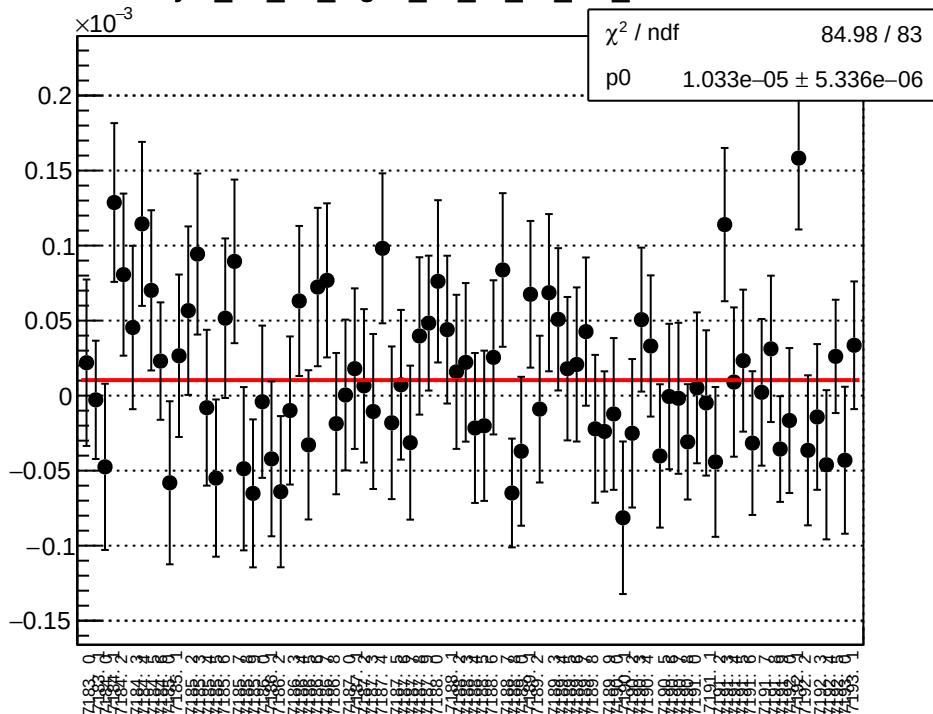
asym atr dd dit vs eigen cor diff mean vs run



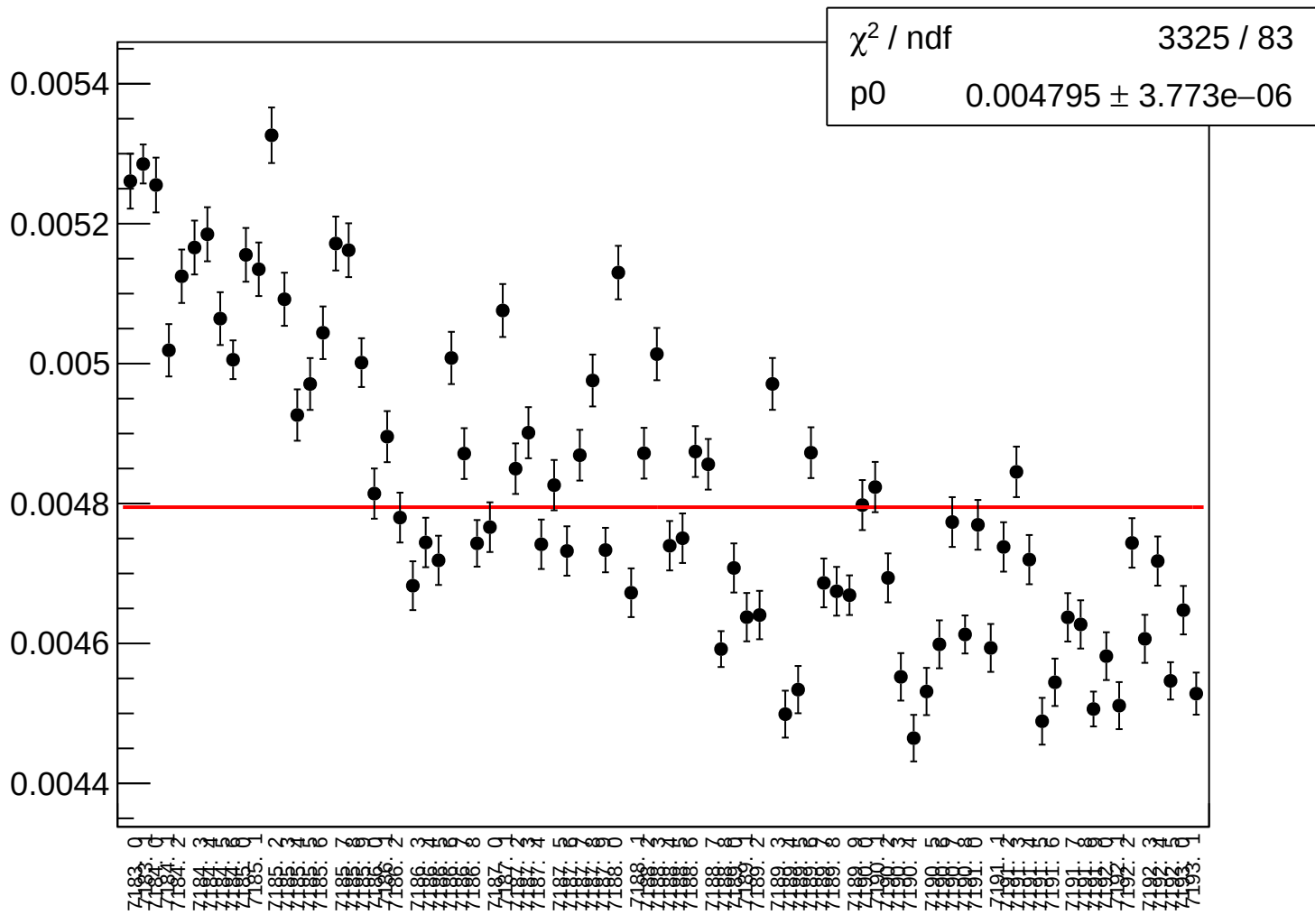
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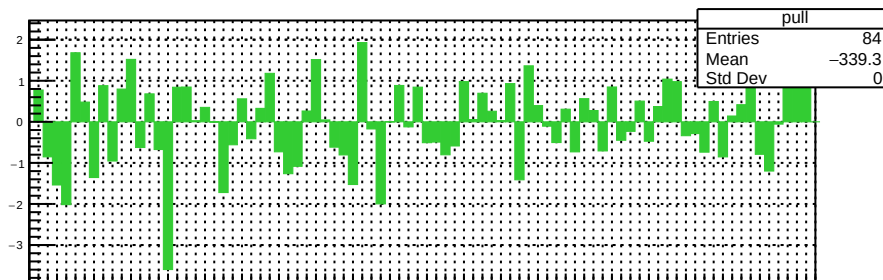
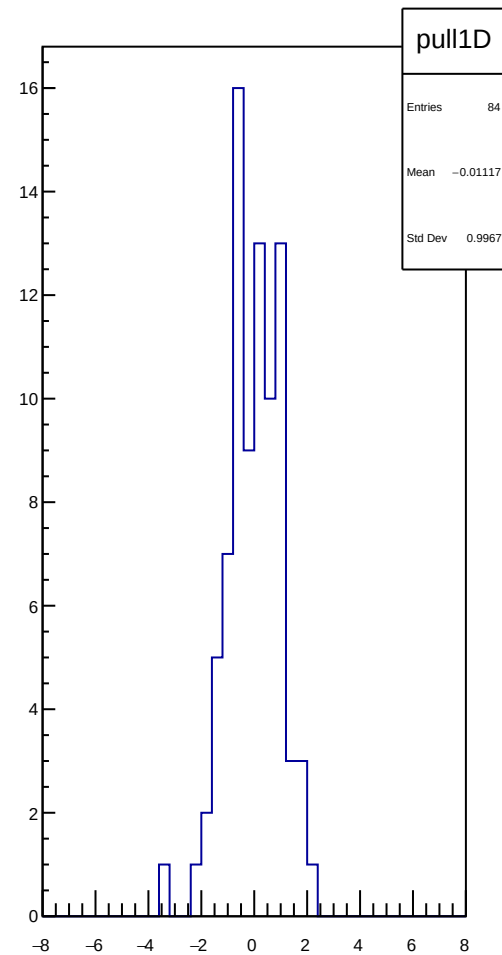
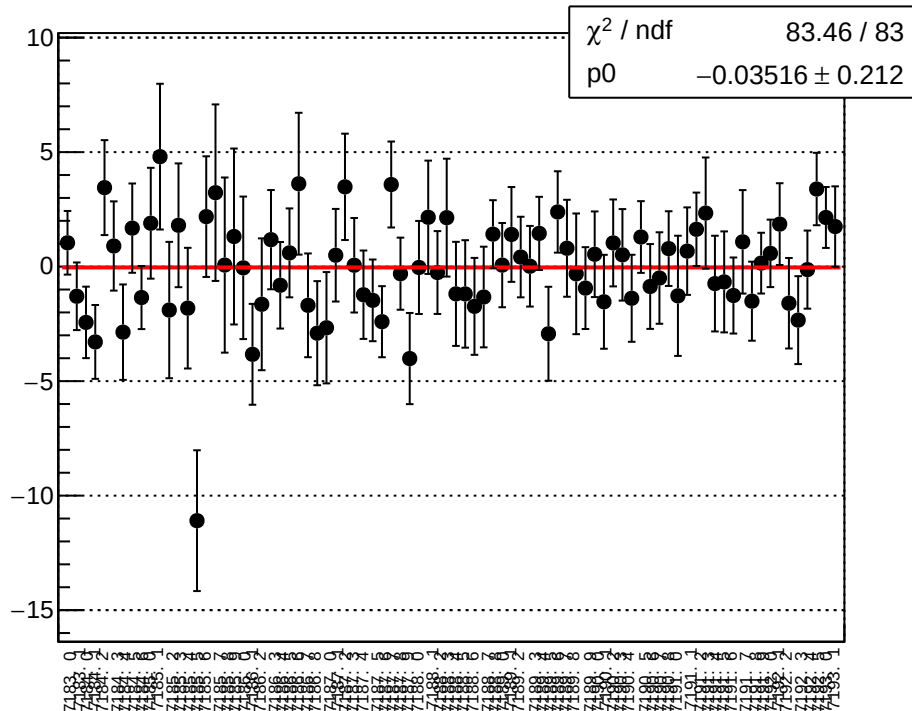
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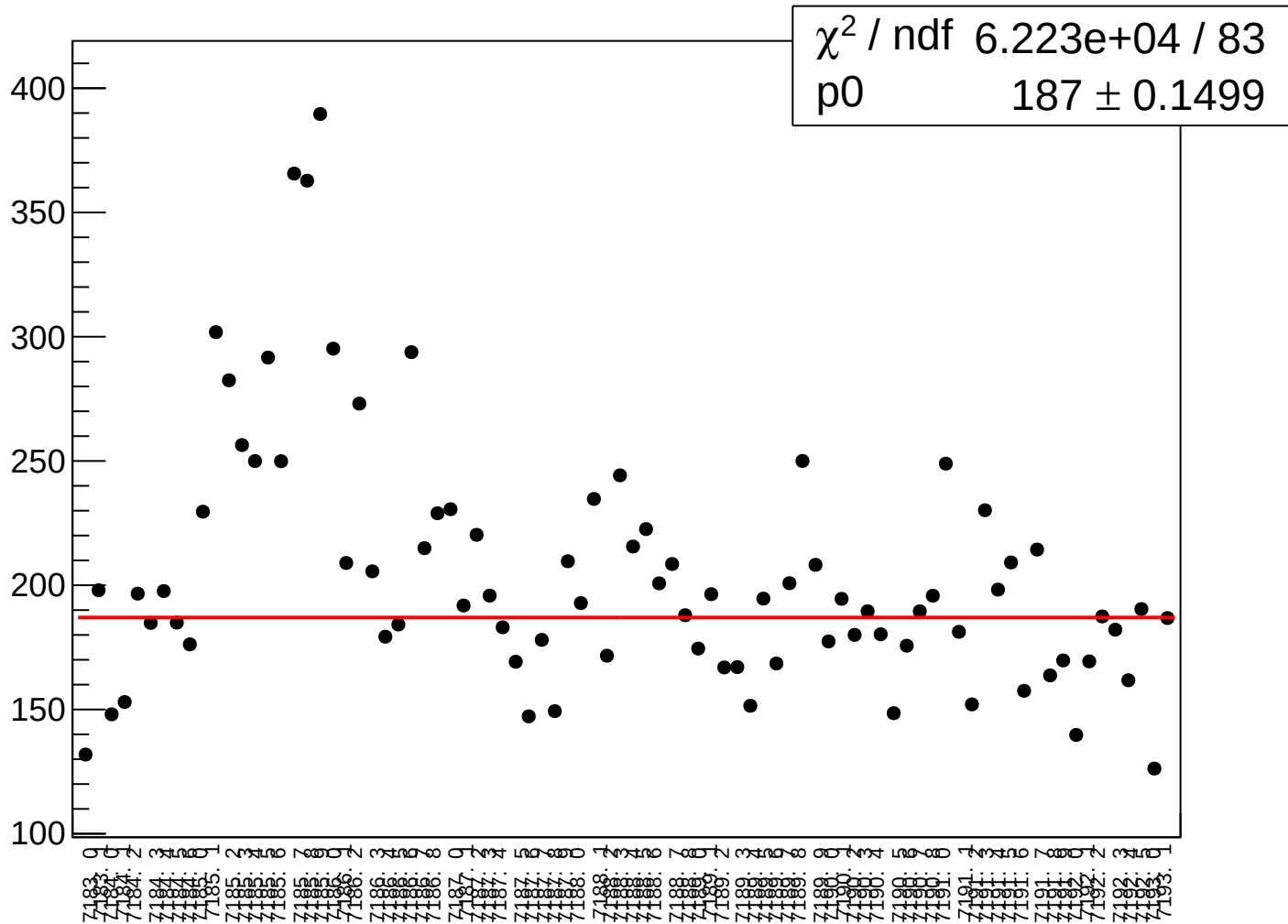
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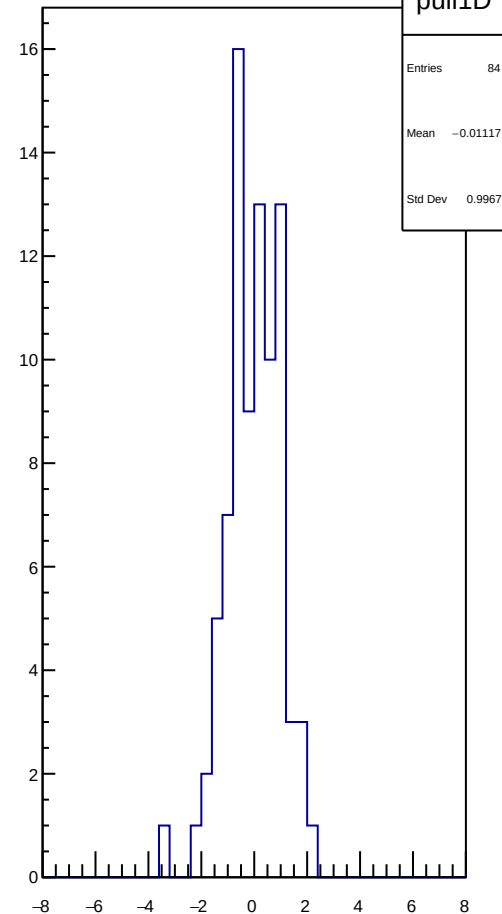
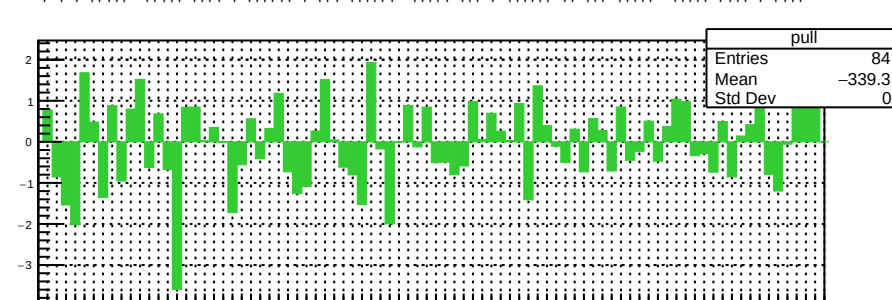
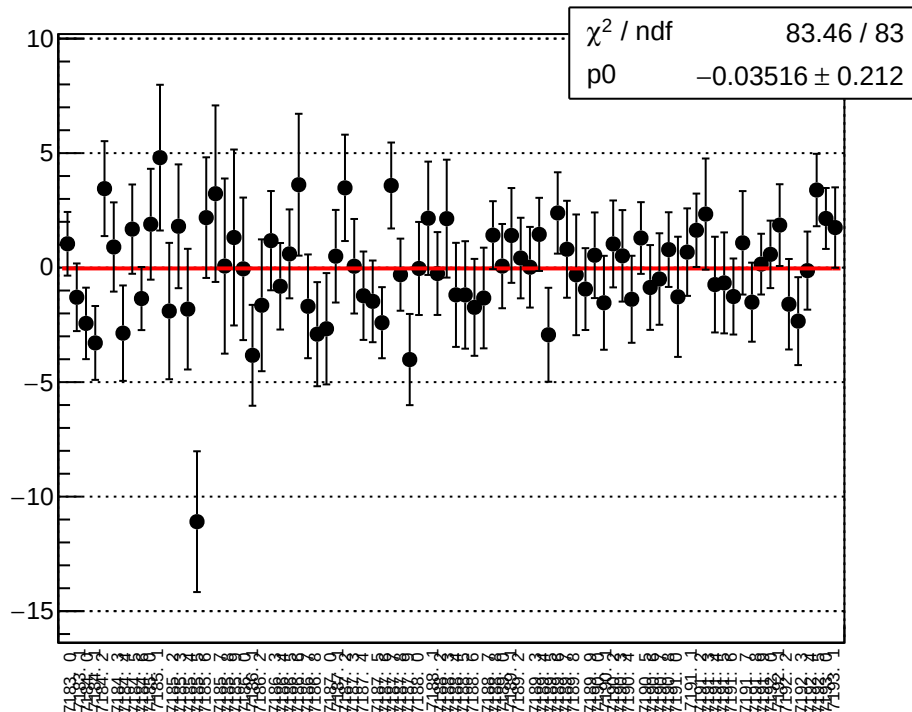
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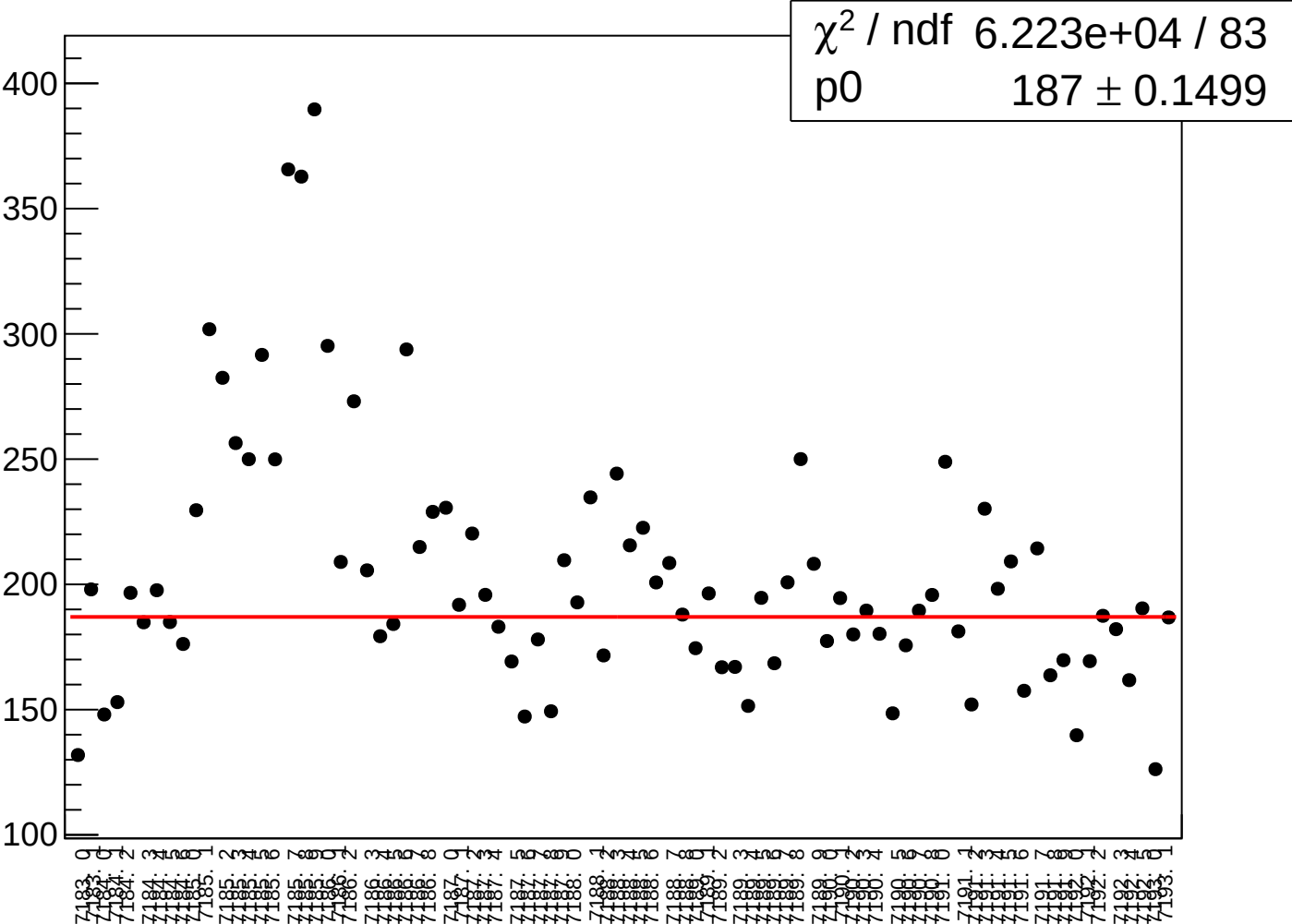
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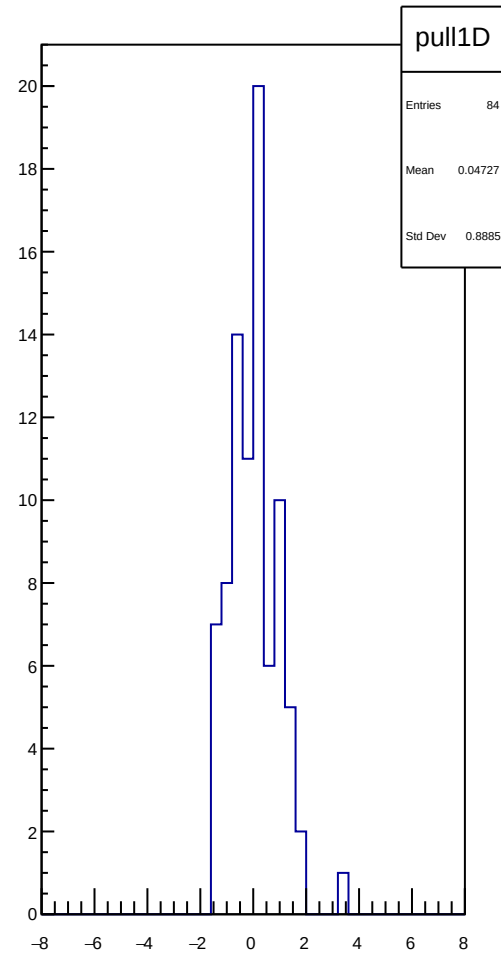
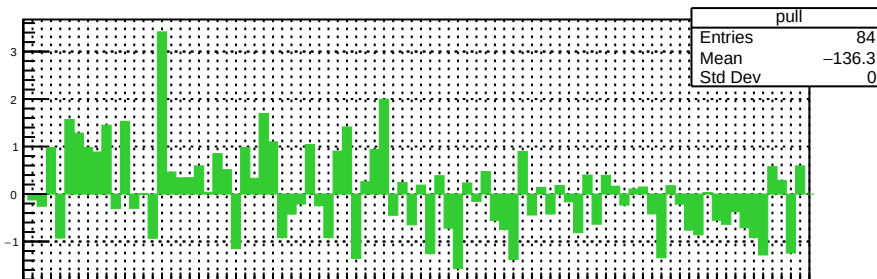
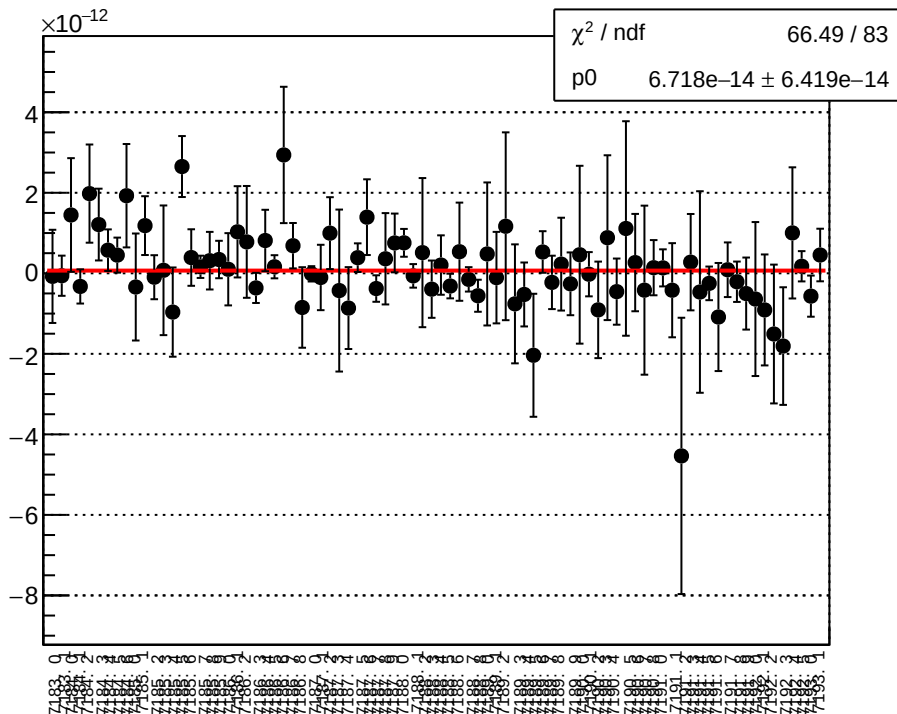
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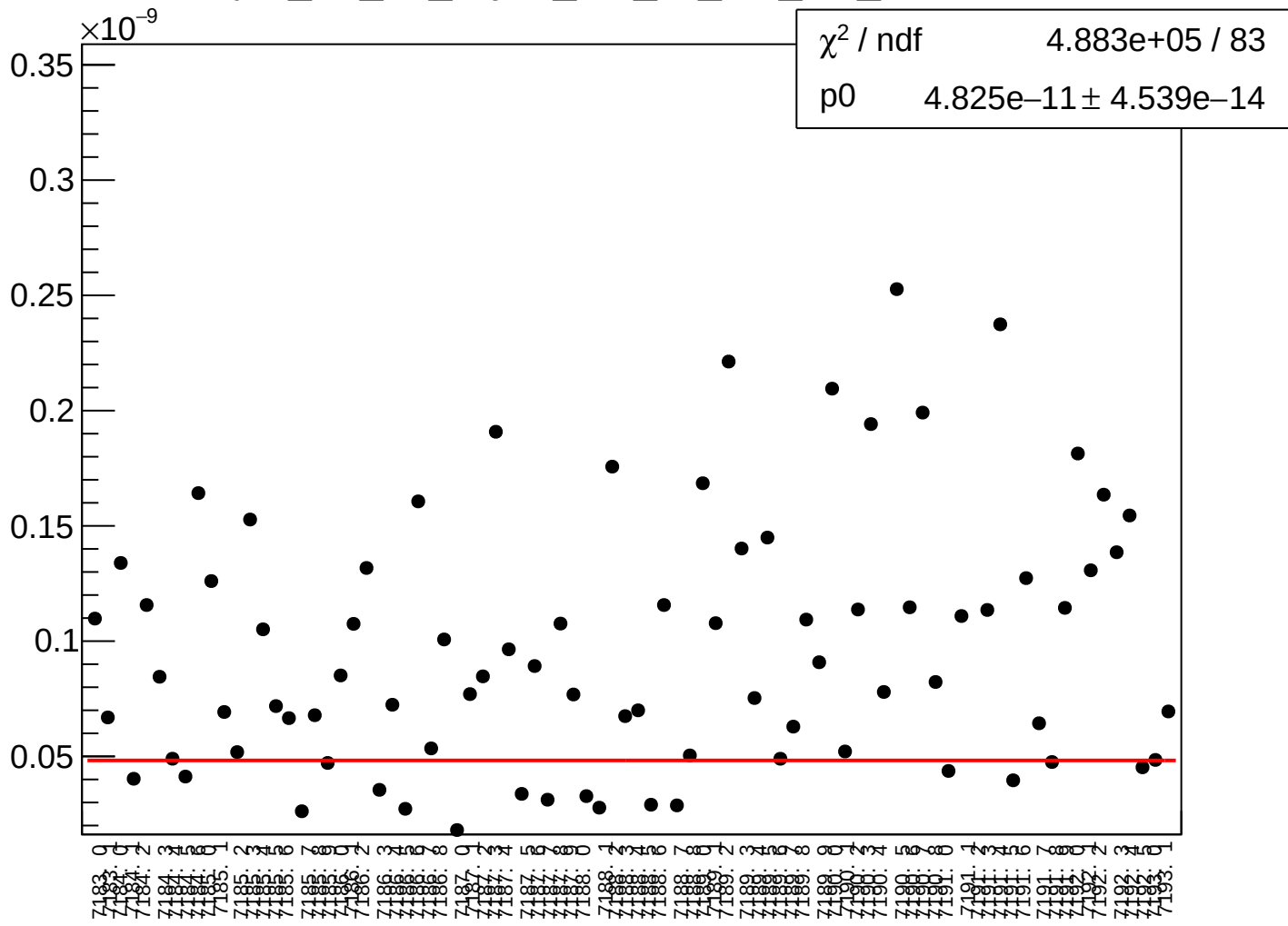
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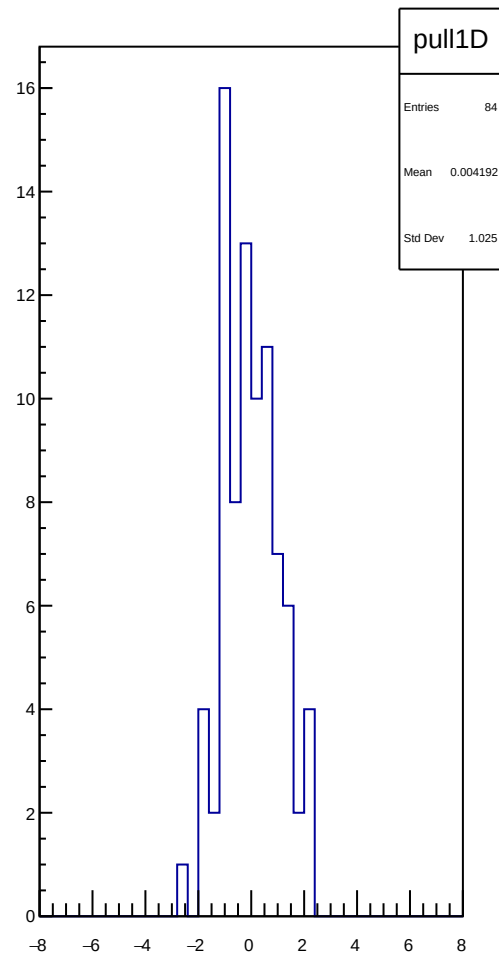
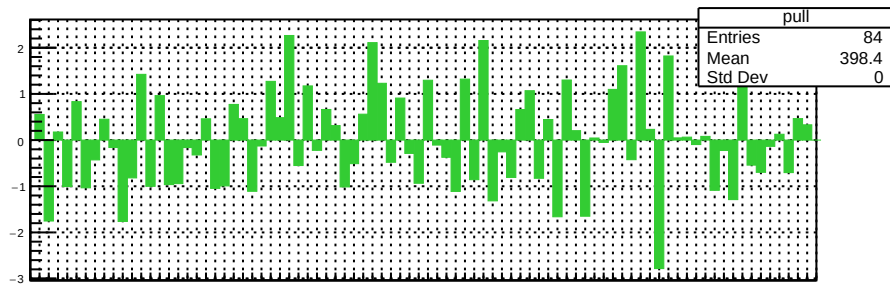
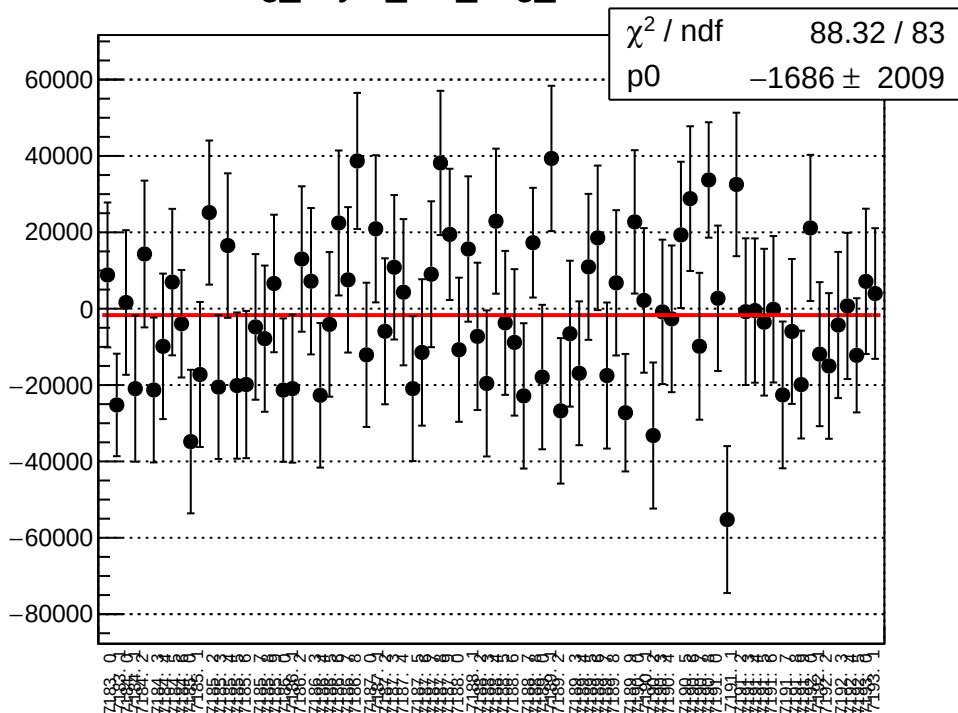
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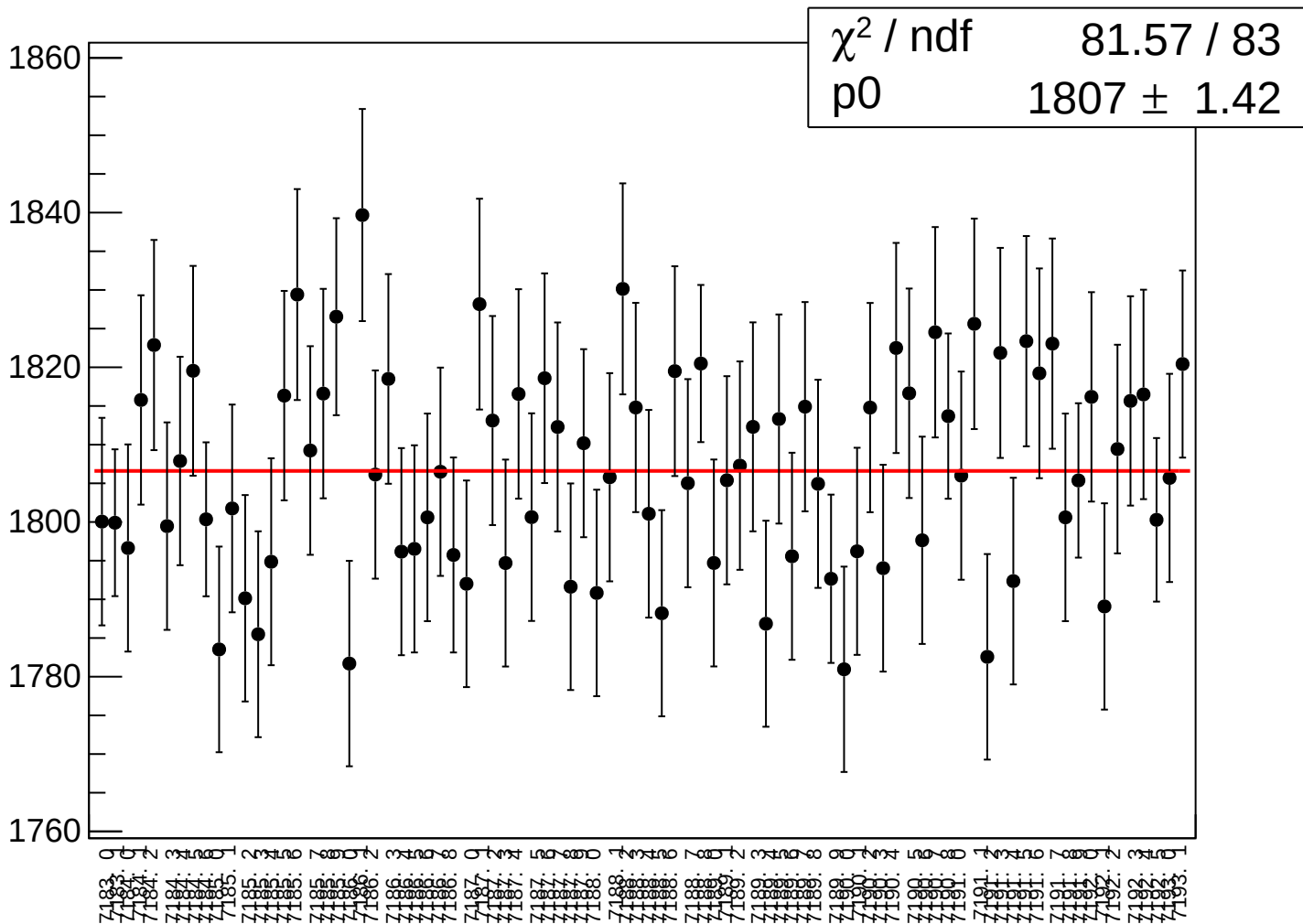
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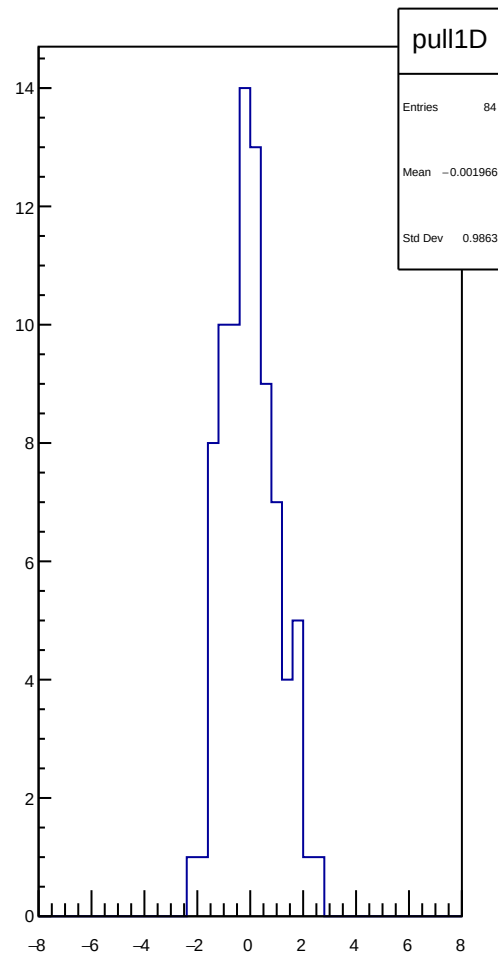
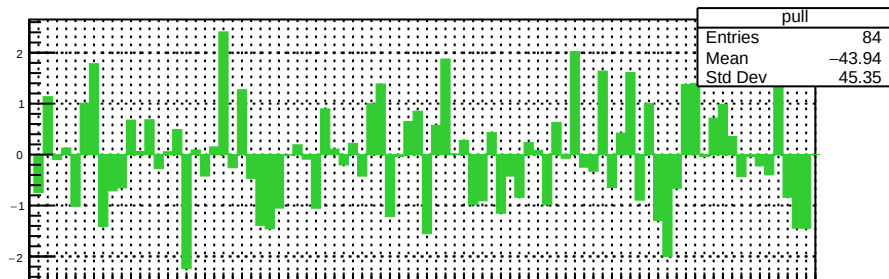
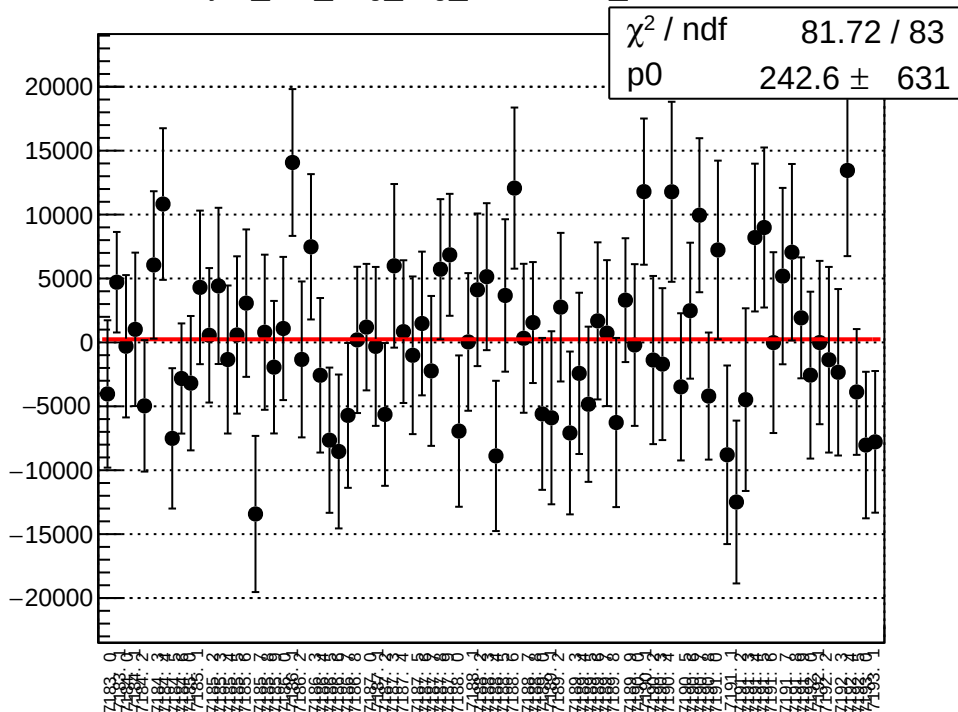
reg_asym_at1_avg_mean vs run



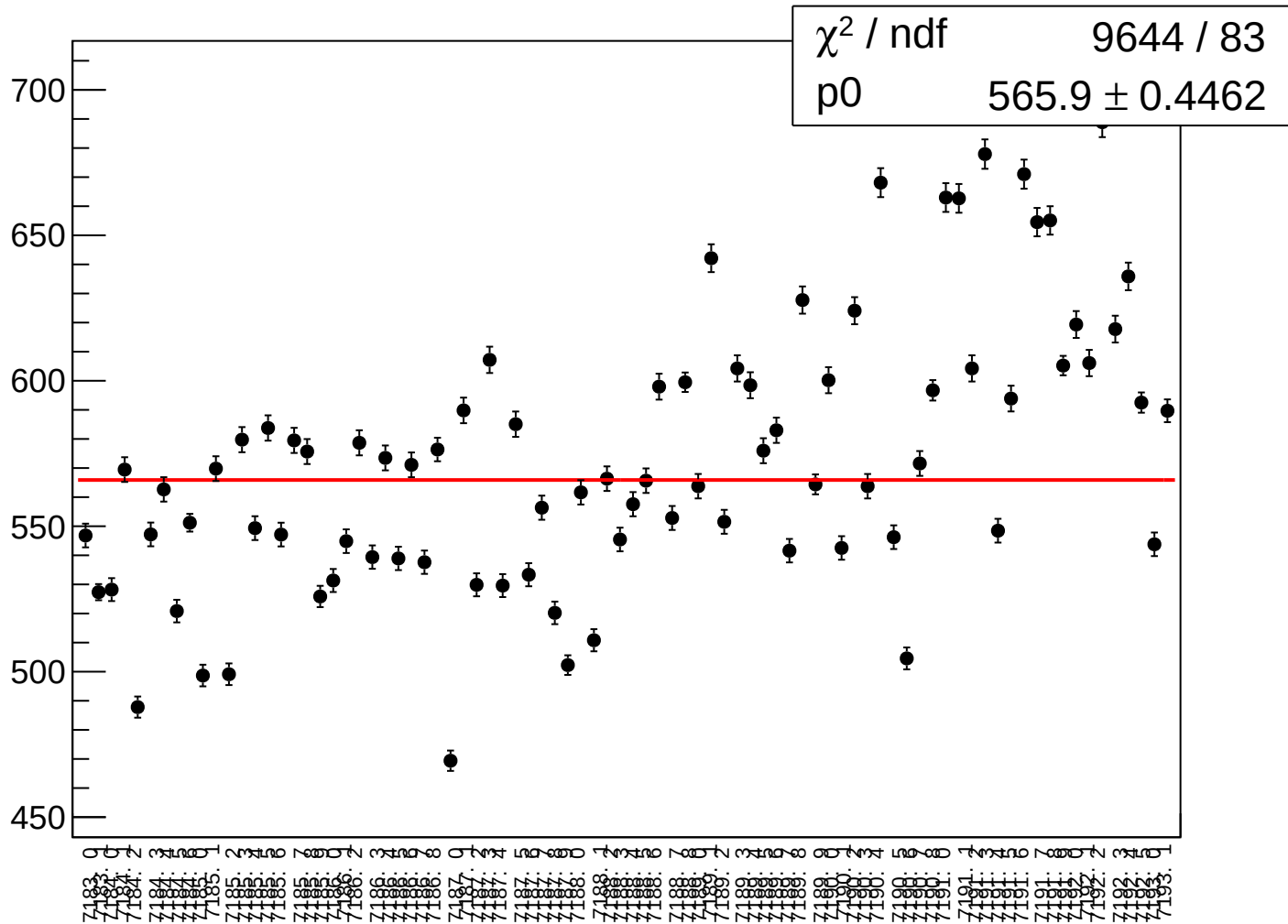
reg_asym_at1_avg_rms vs run



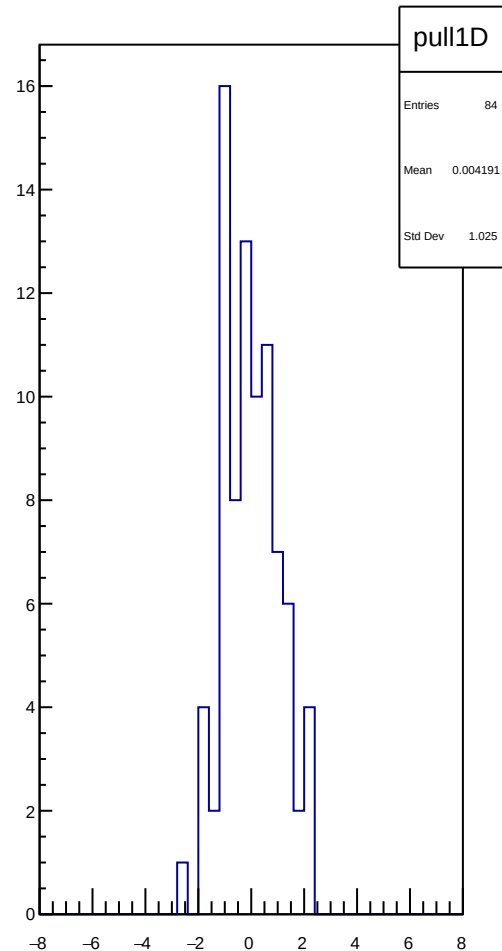
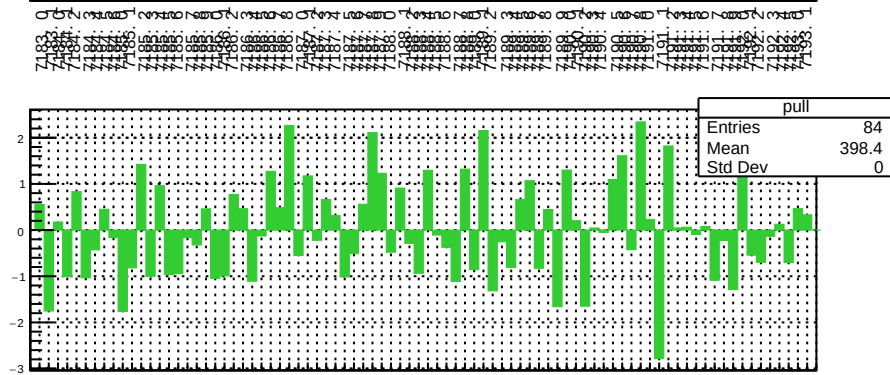
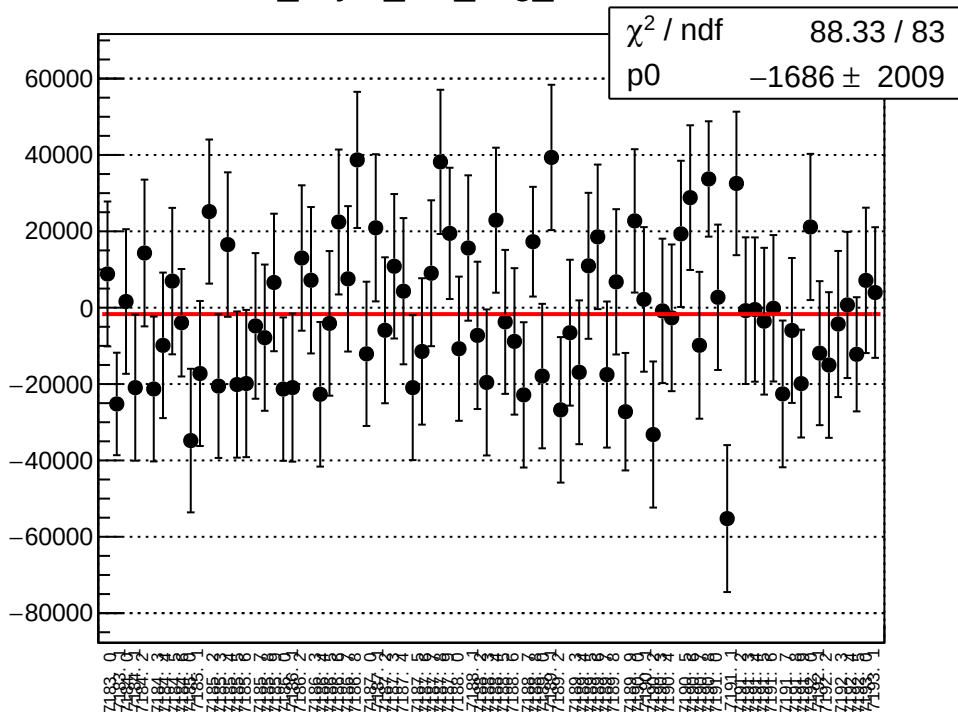
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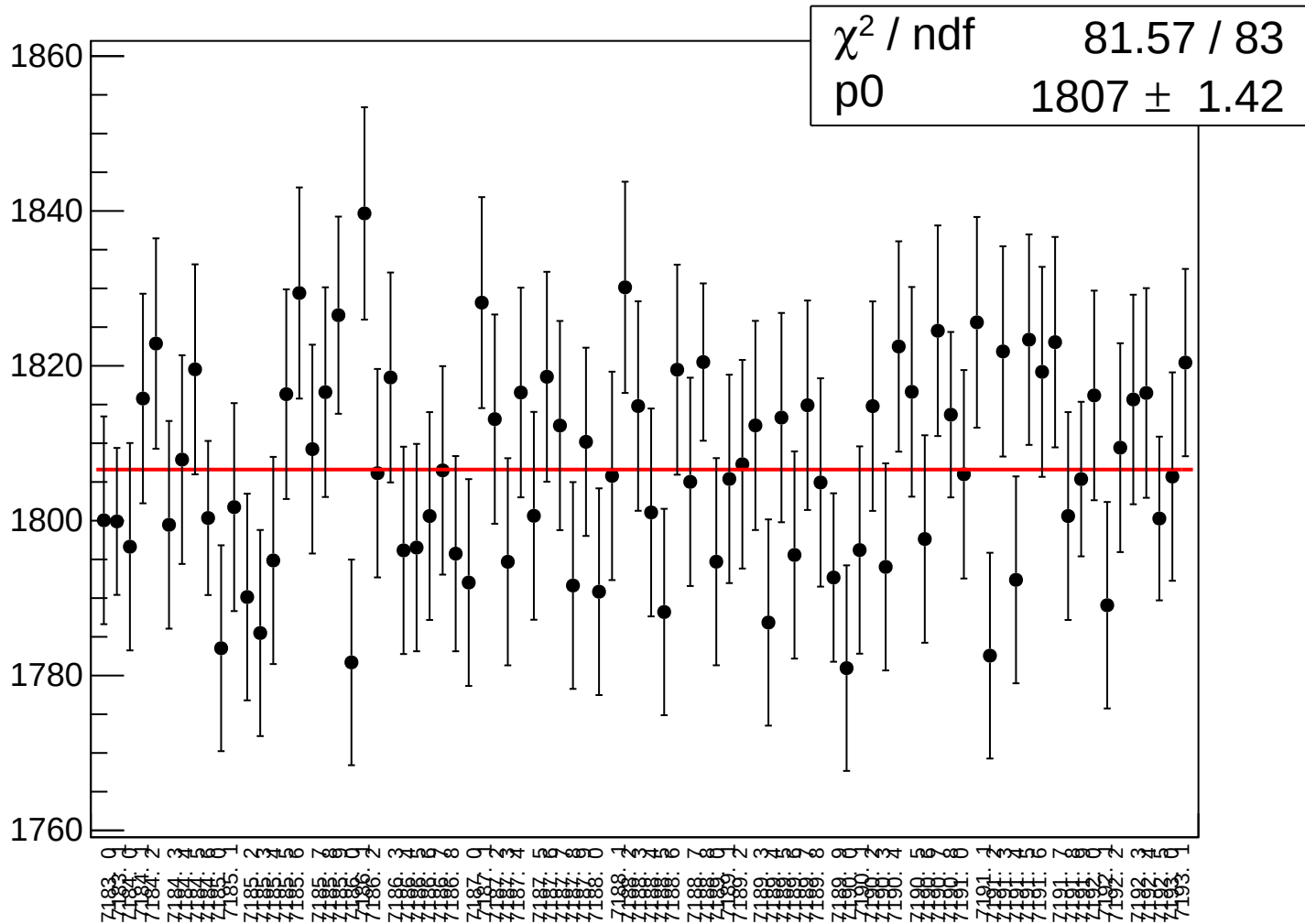
asym_at1_avg_reg_correction_rms vs run



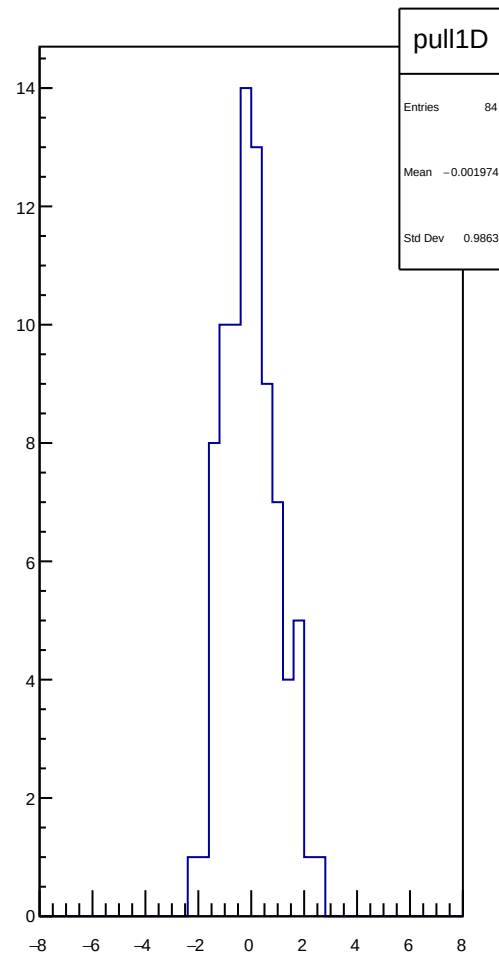
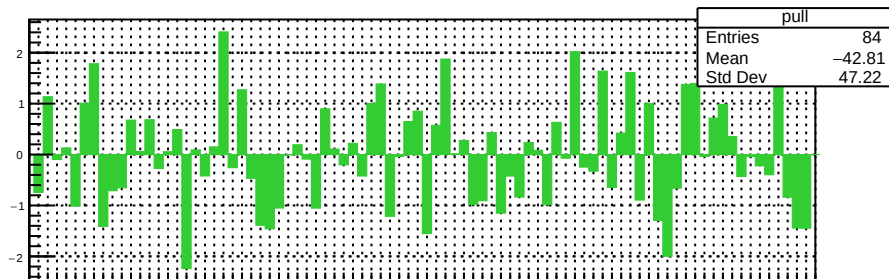
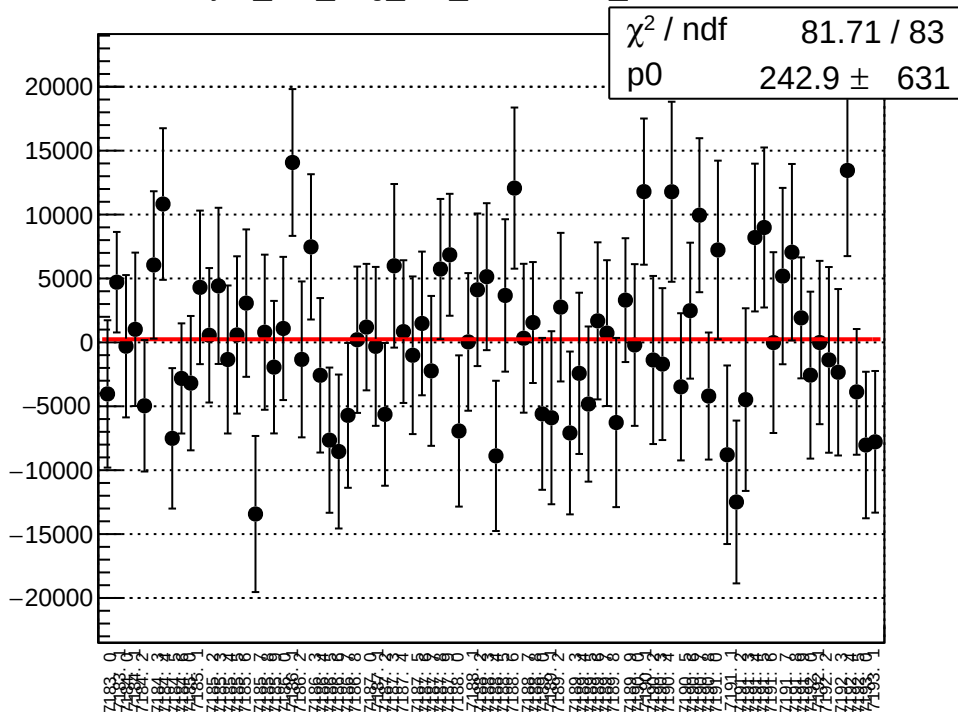
cor_asym_at1_avg_mean vs run



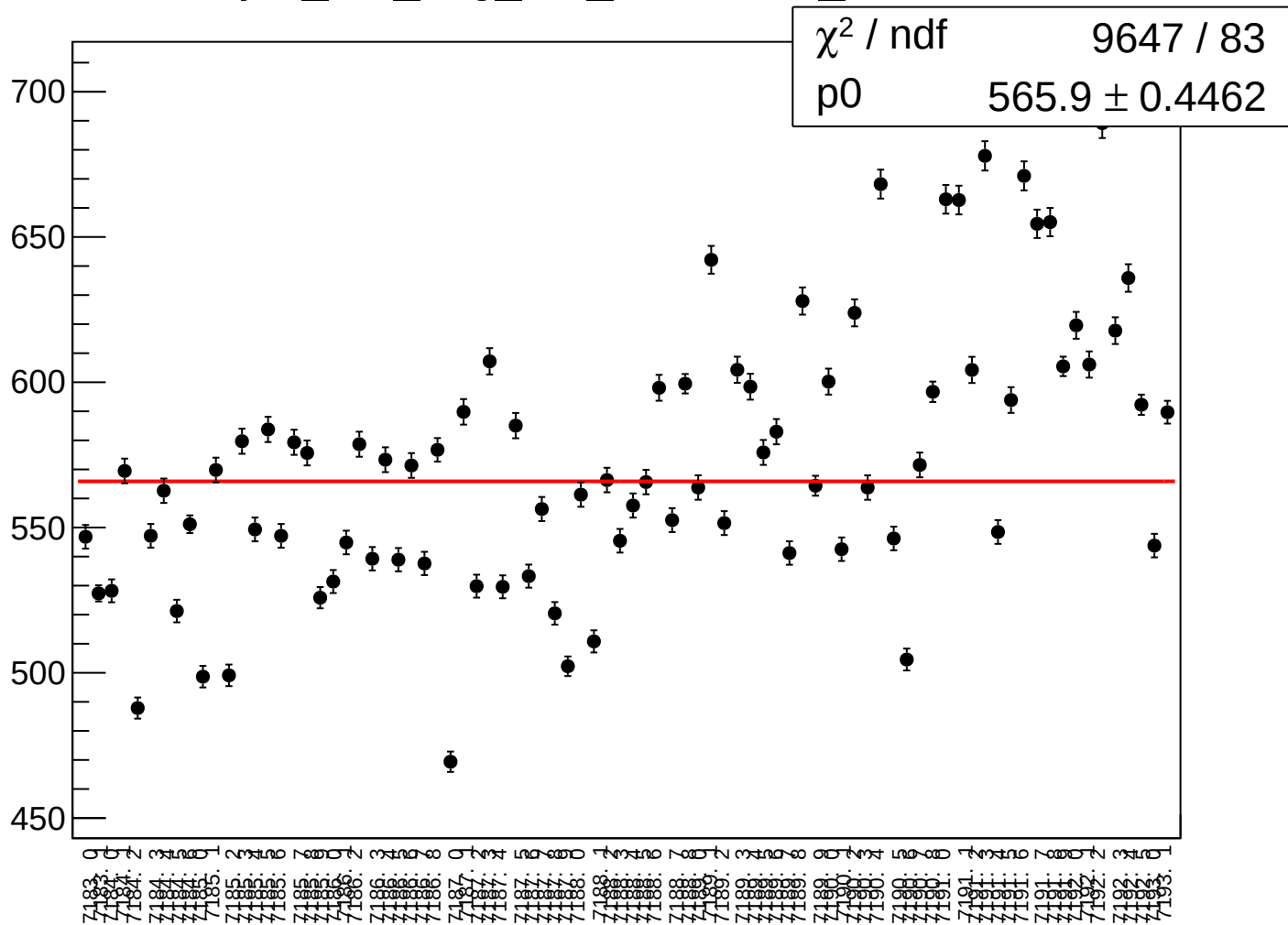
cor_asym_at1_avg_rms vs run



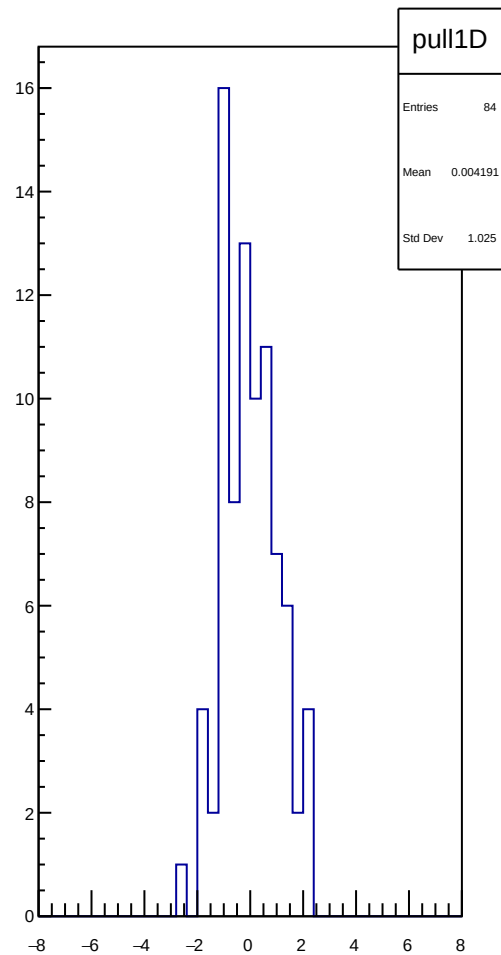
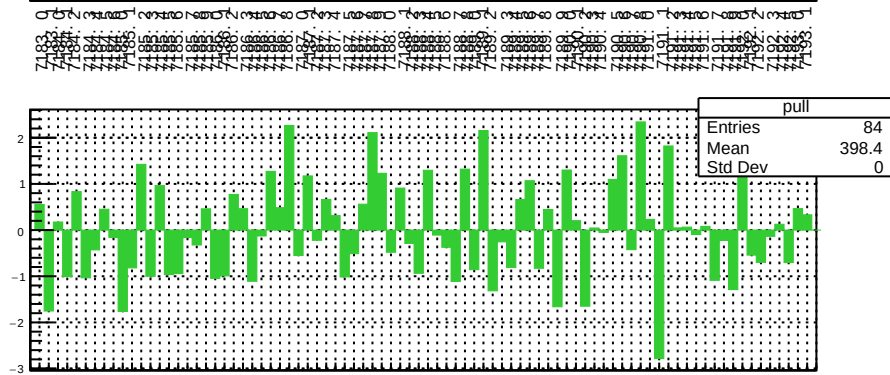
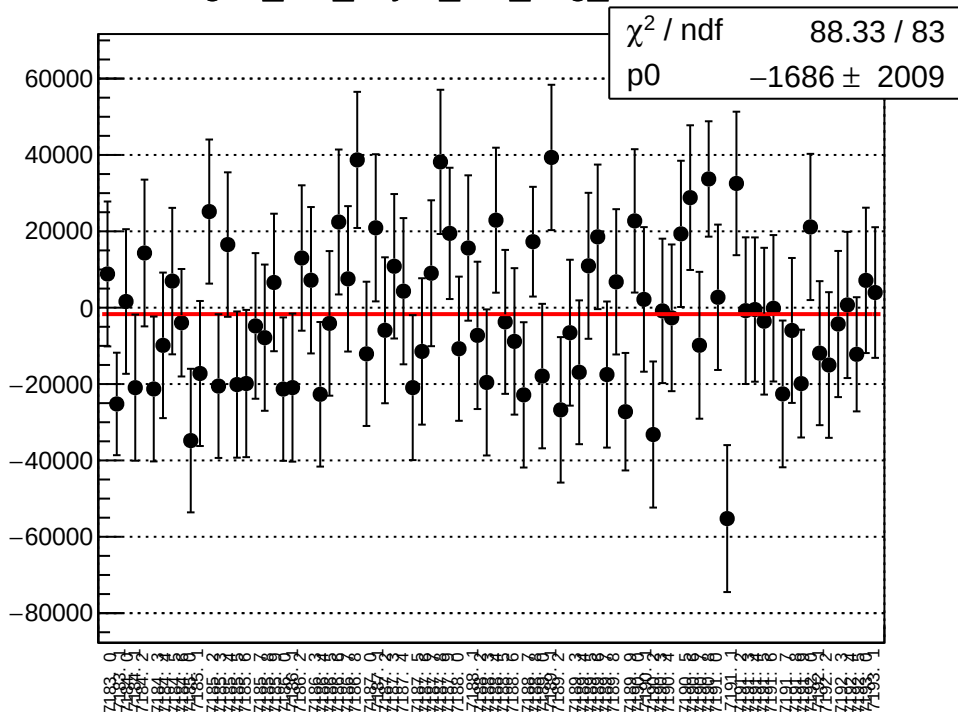
asym_at1_avg_cor_correction_mean vs run



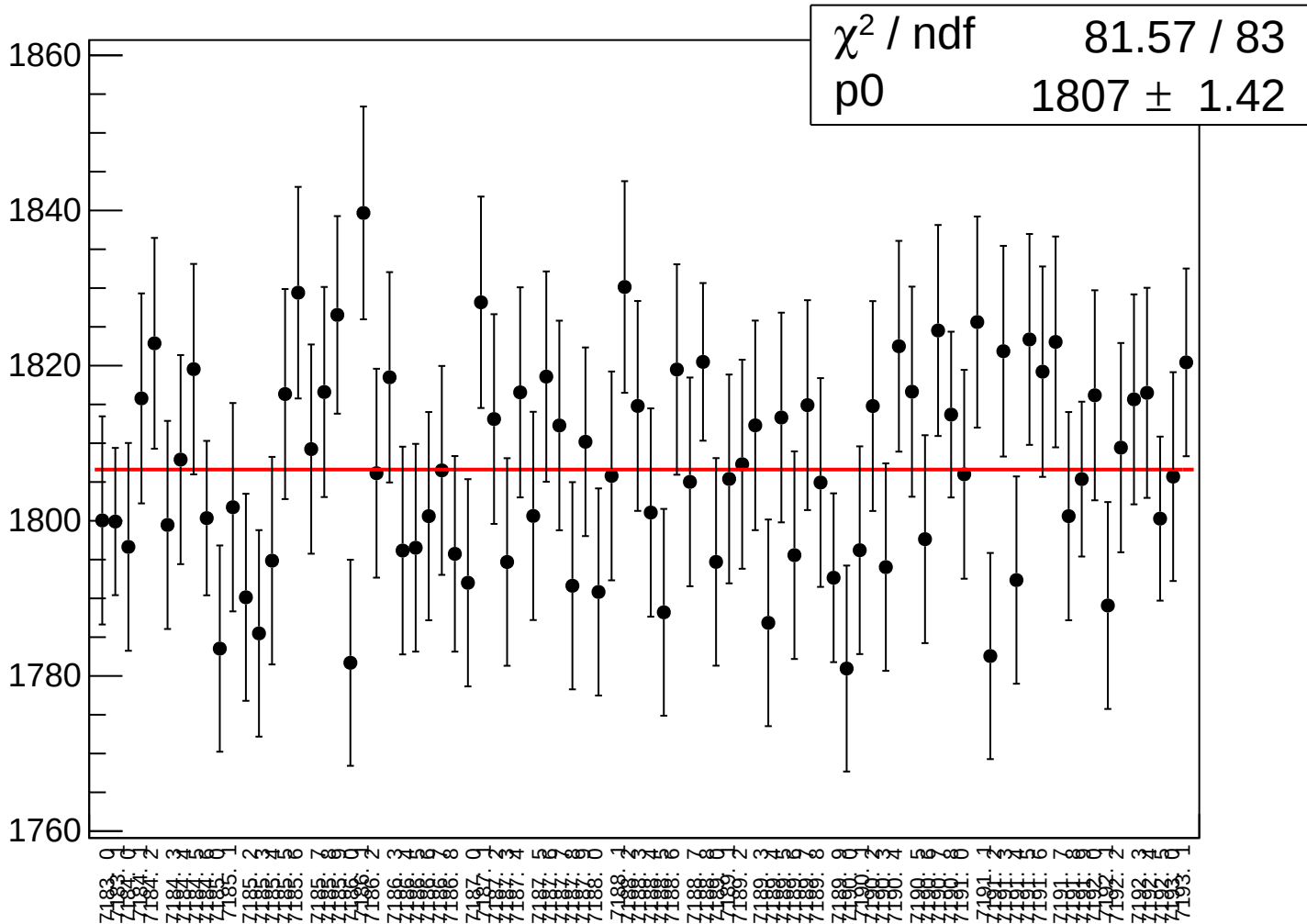
asym_at1_avg_cor_correction_rms vs run



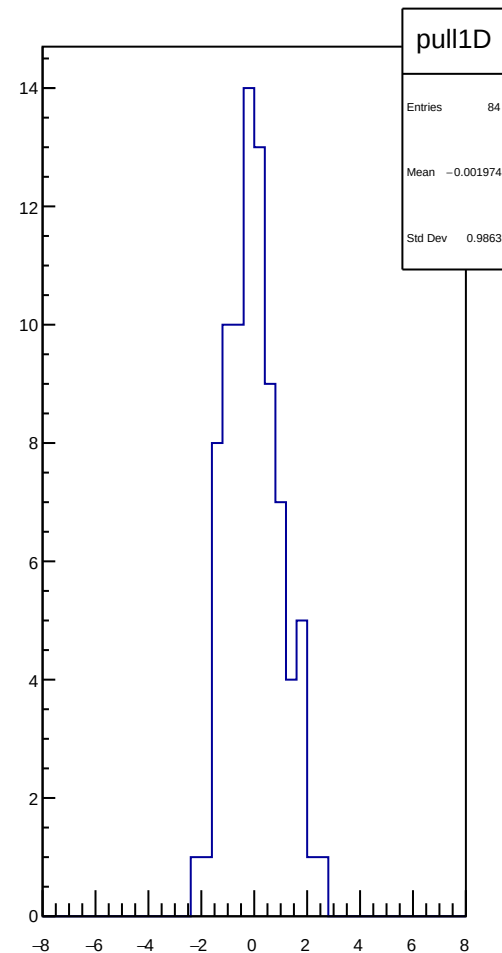
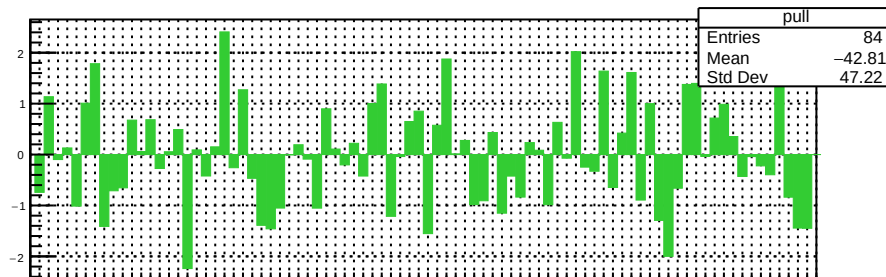
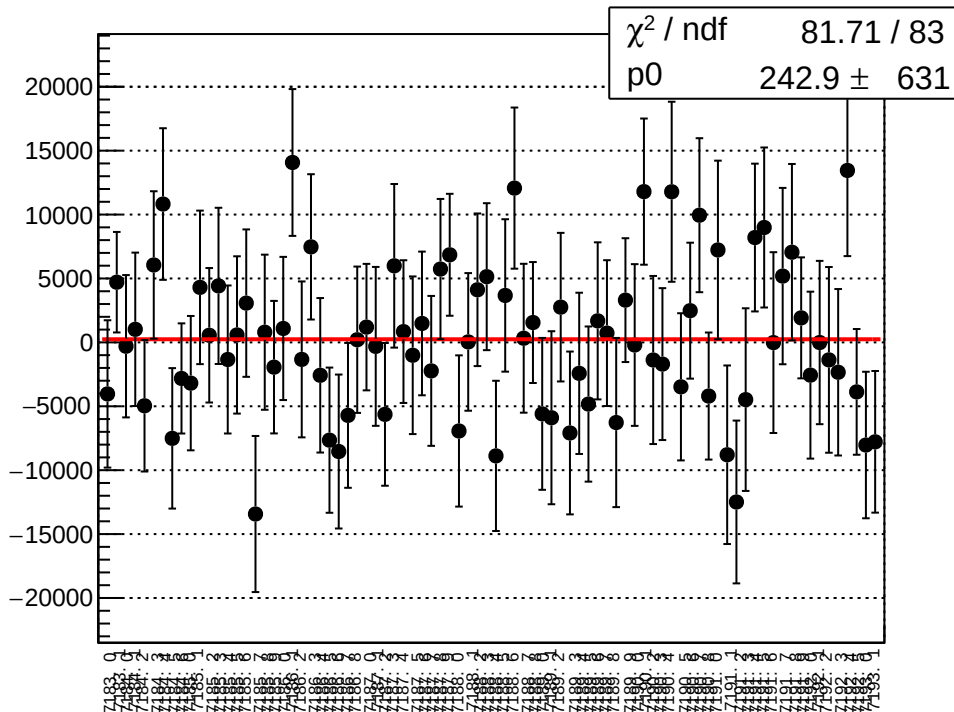
eigen_cor_asym_at1_avg_mean vs run



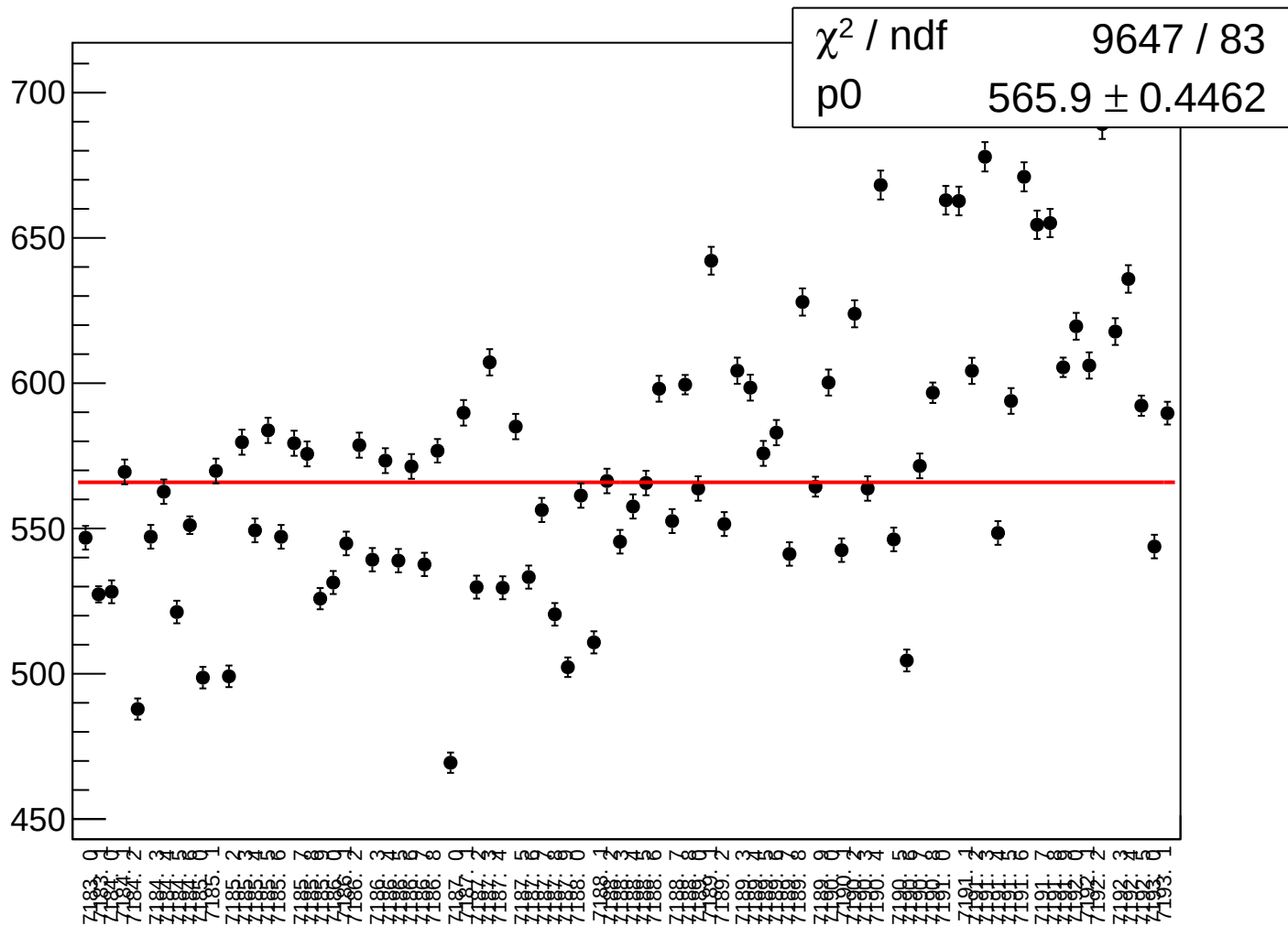
eigen_cor_asym_at1_avg_rms vs run



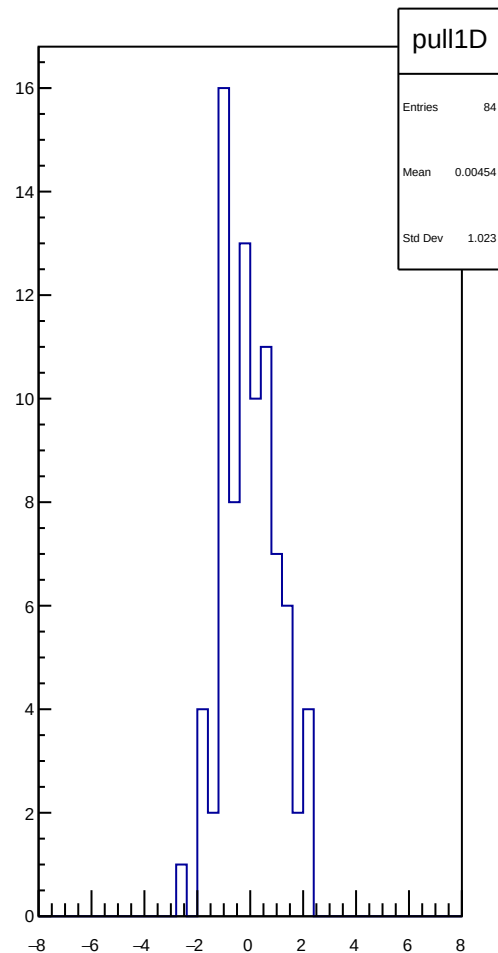
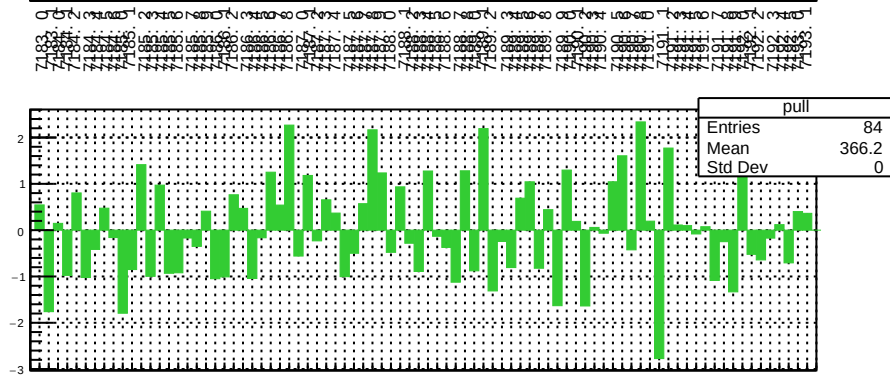
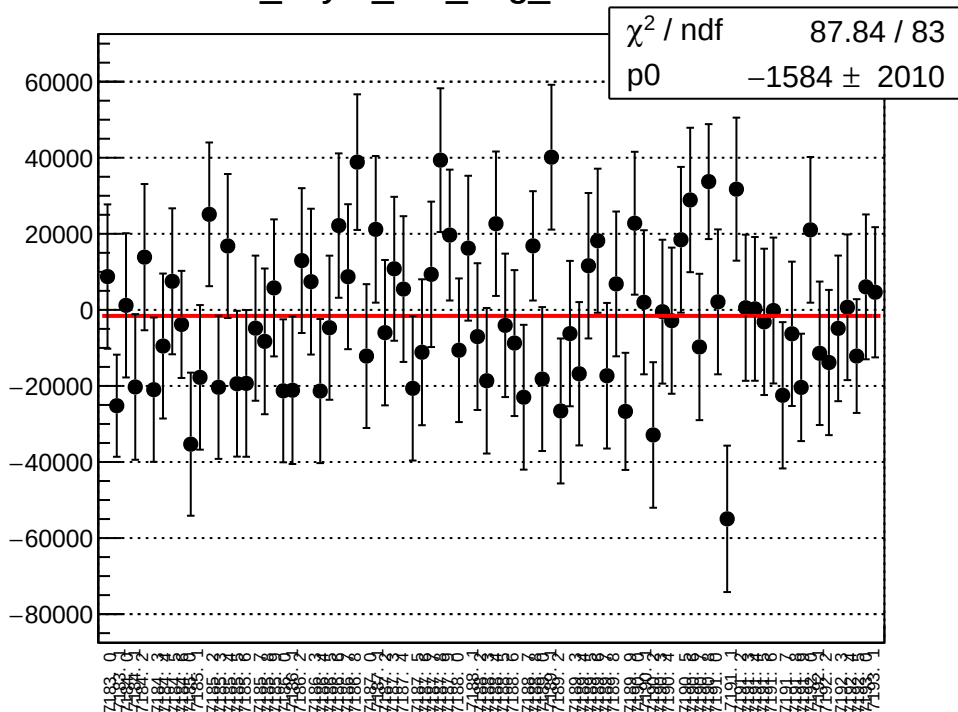
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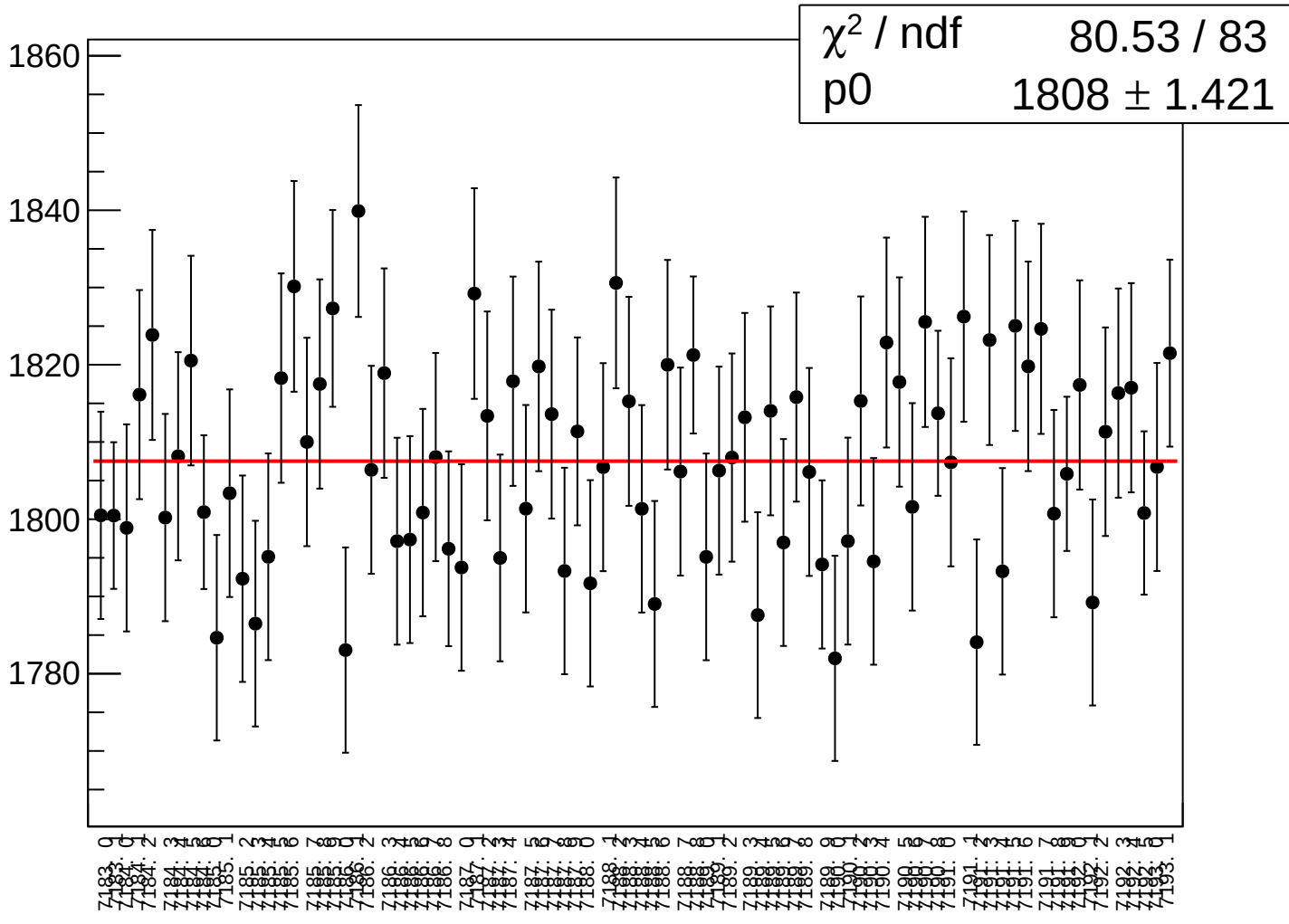
asym_at1_avg_eigen_cor_correction_rms vs run



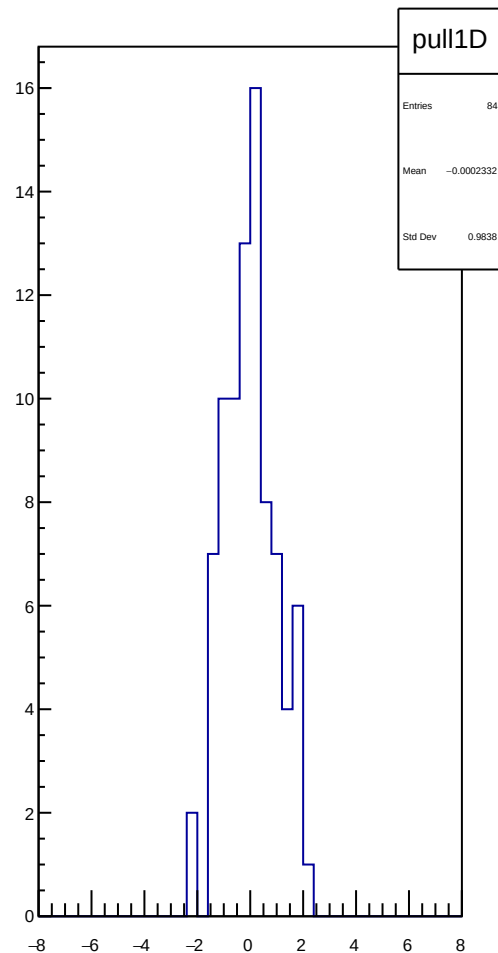
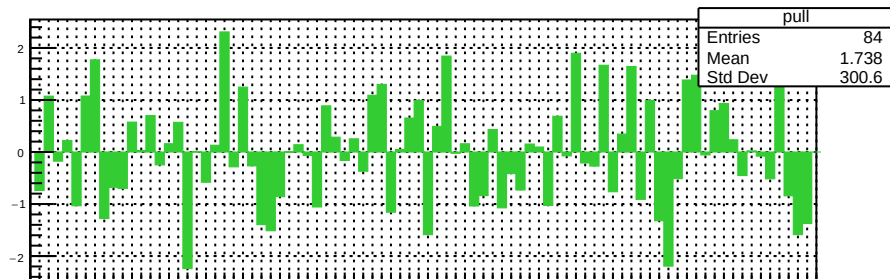
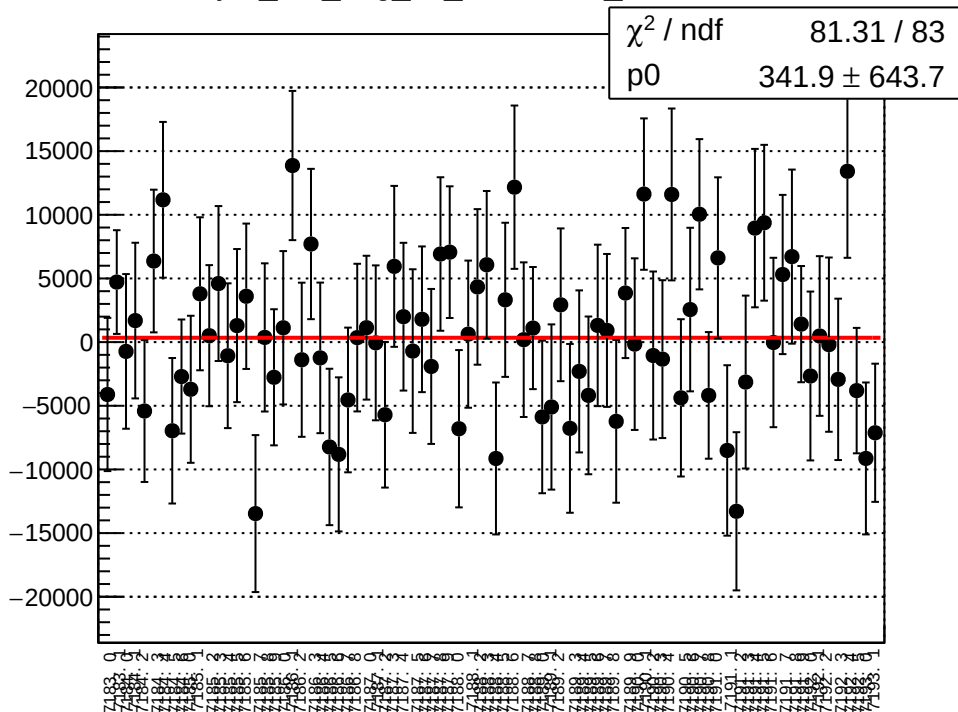
dit_asym_at1_avg_mean vs run



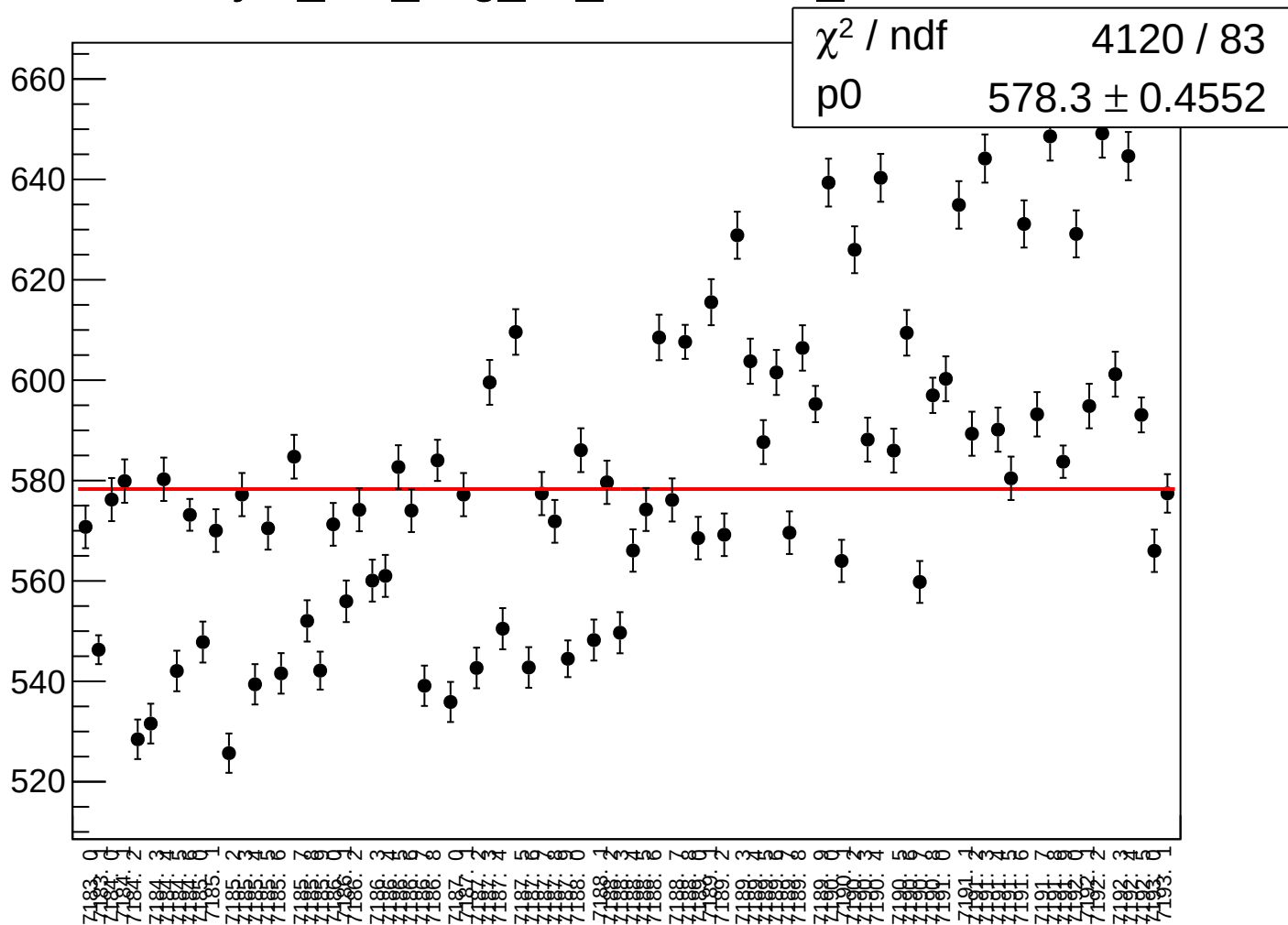
dit_asym_at1_avg_rms vs run



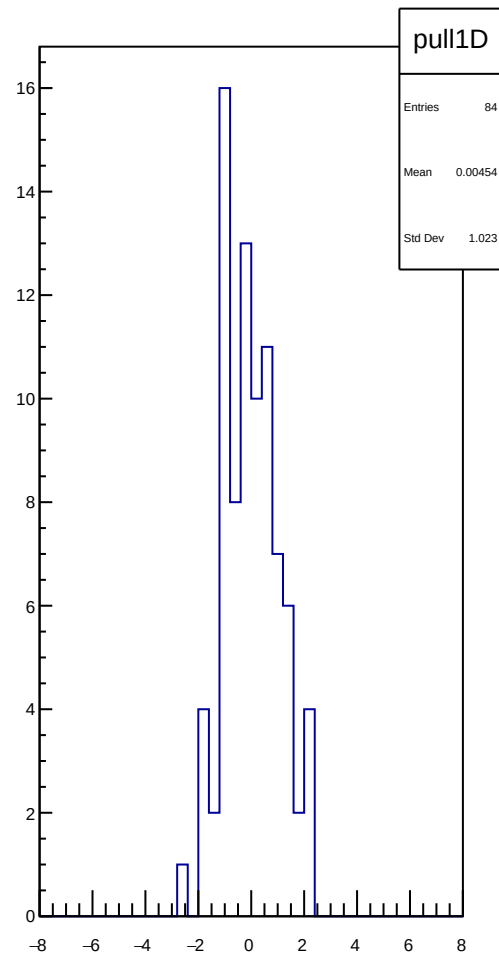
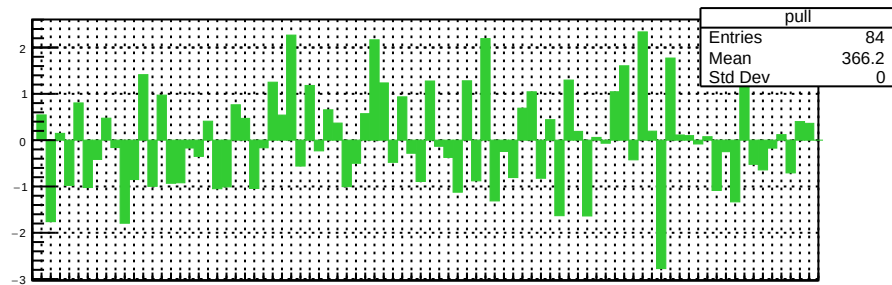
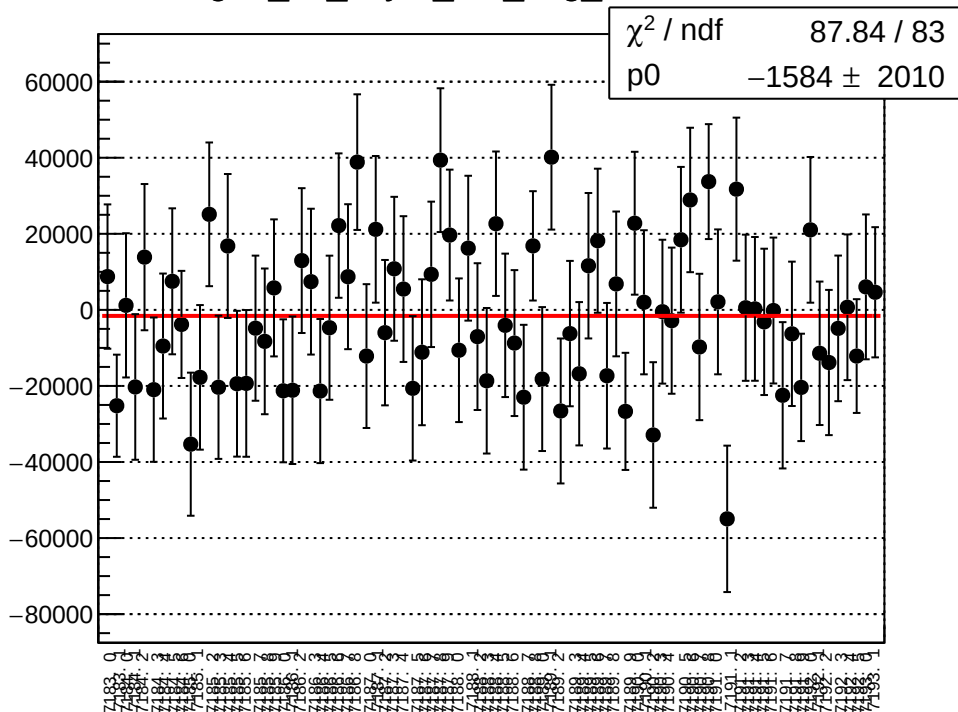
asym_at1_avg_dit_correction_mean vs run



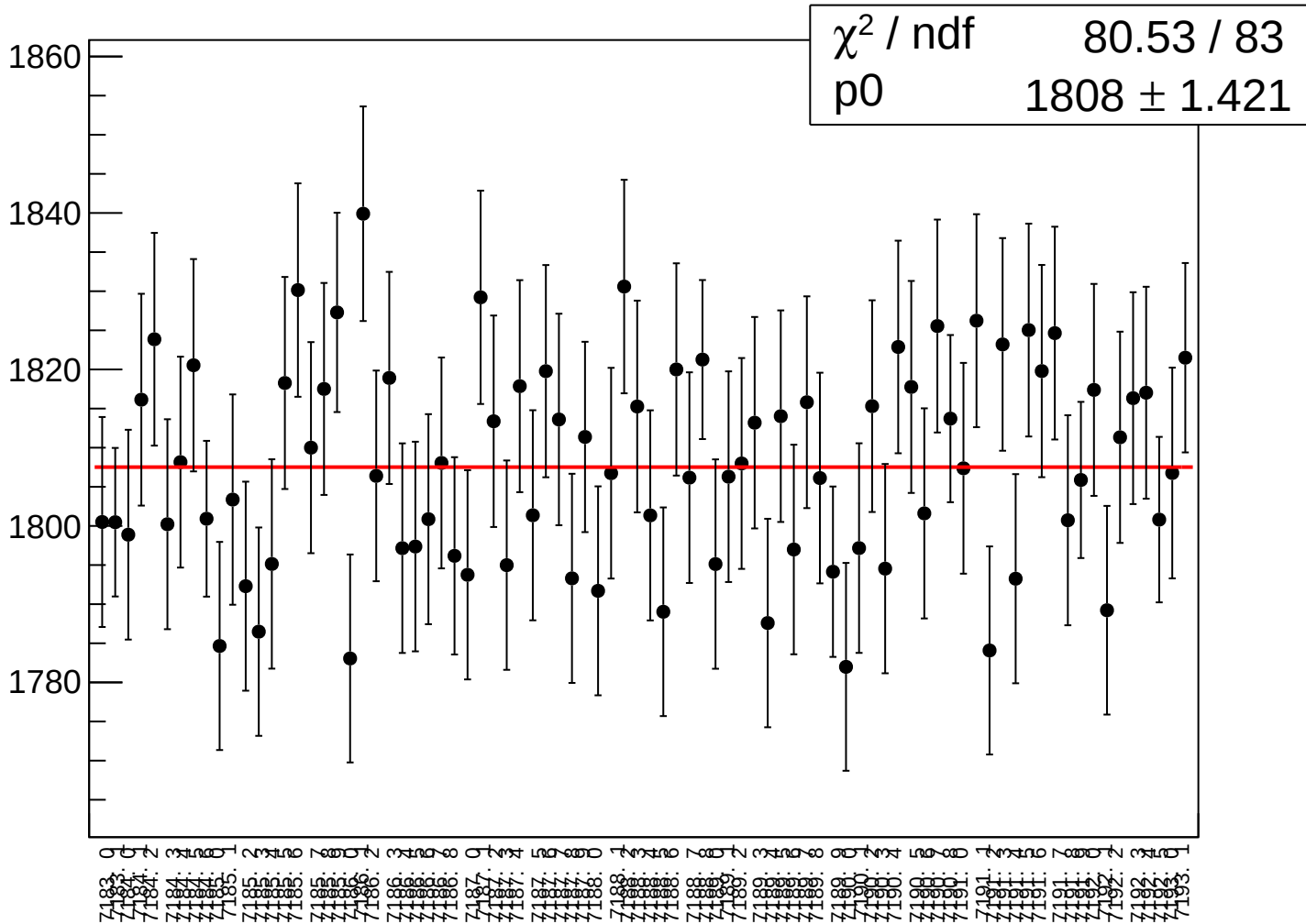
asym_at1_avg_dit_correction_rms vs run



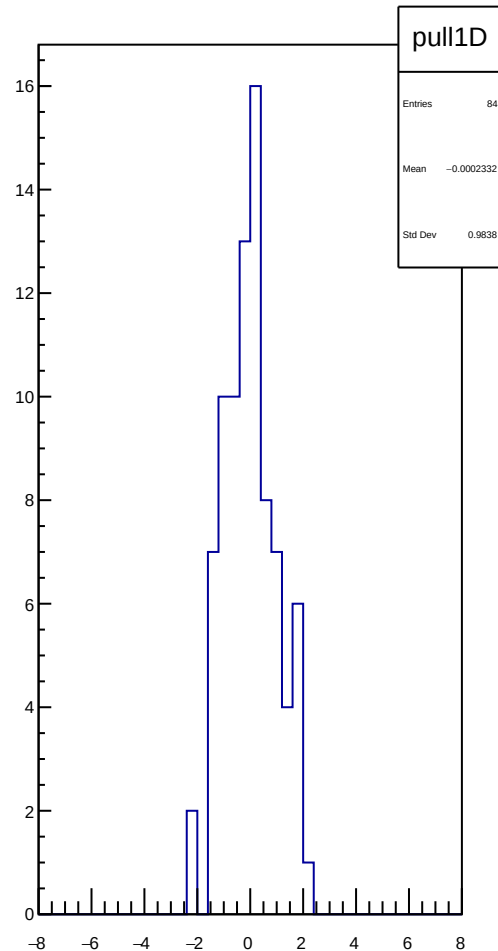
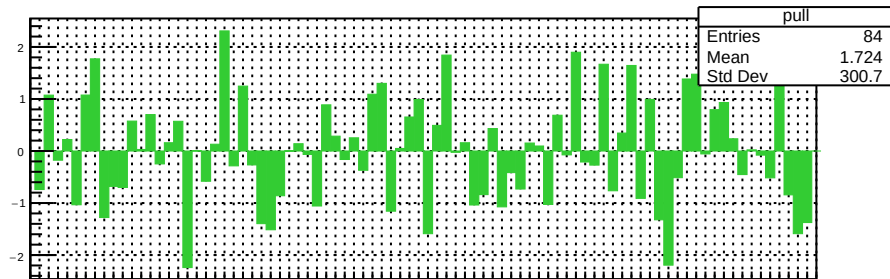
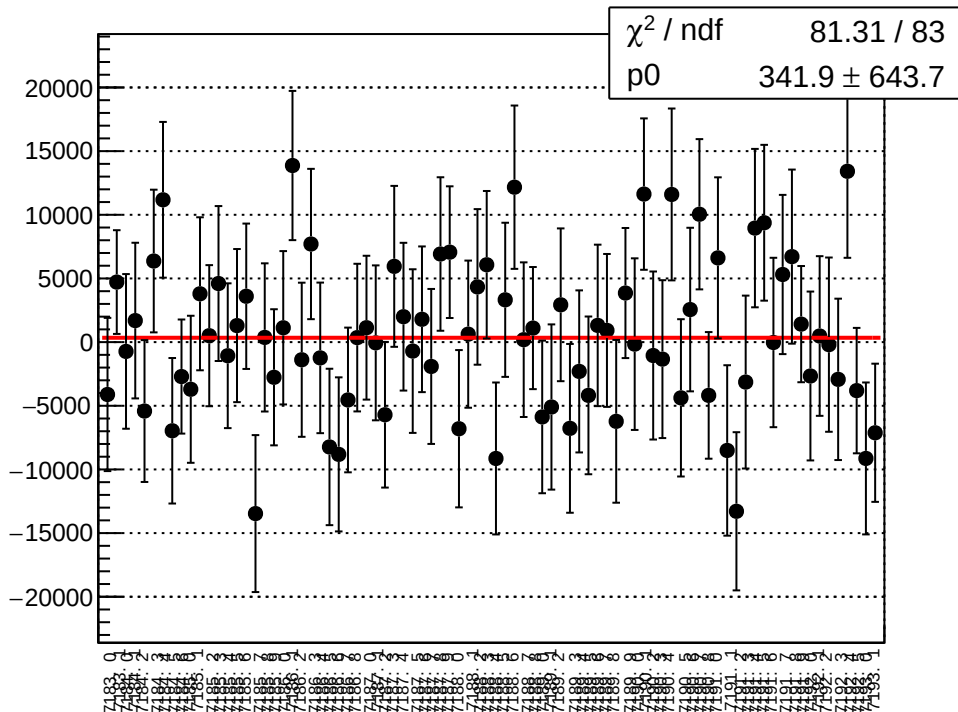
eigen_dit_asym_at1_avg_mean vs run



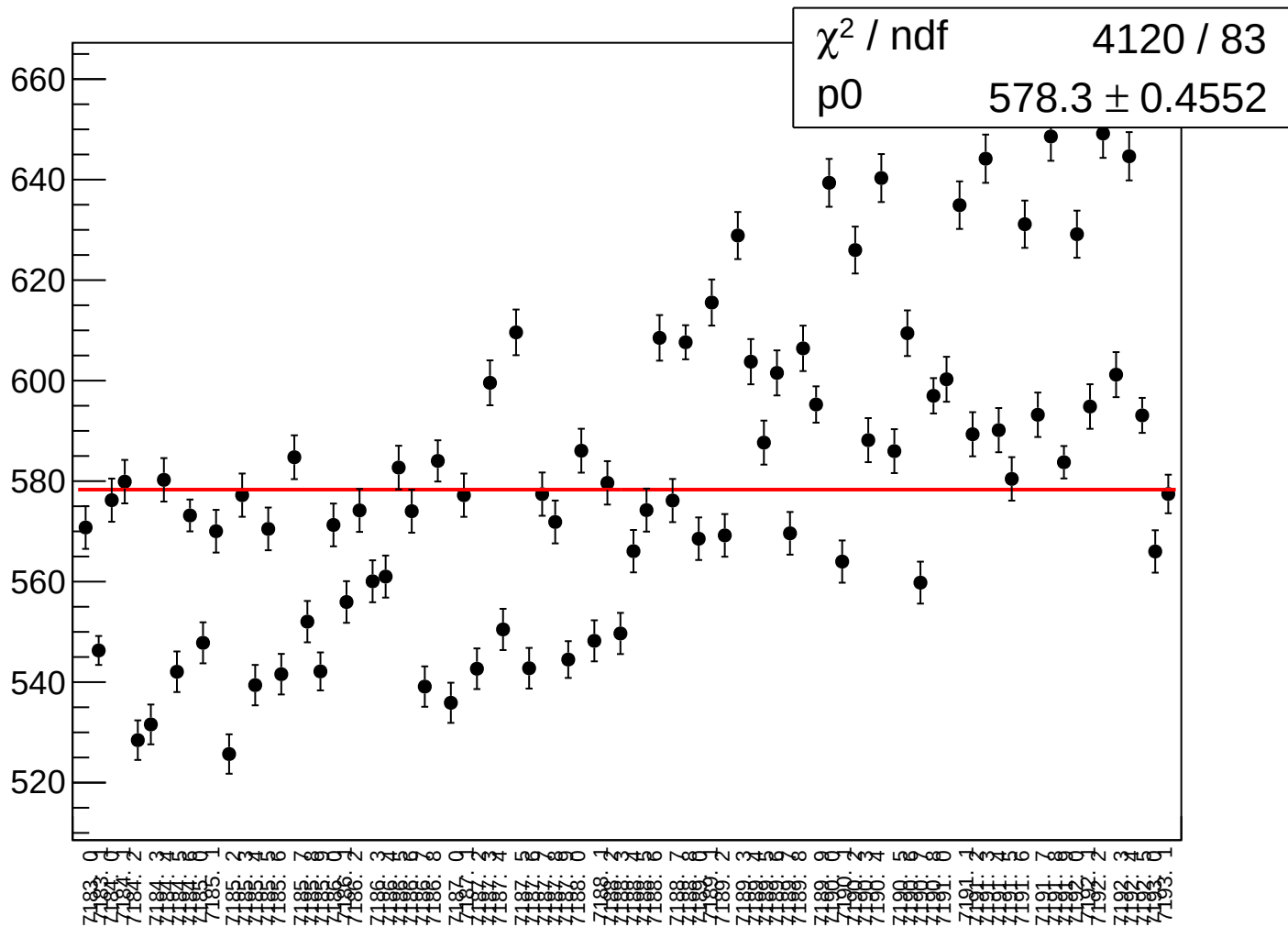
eigen_dit_asym_at1_avg_rms vs run



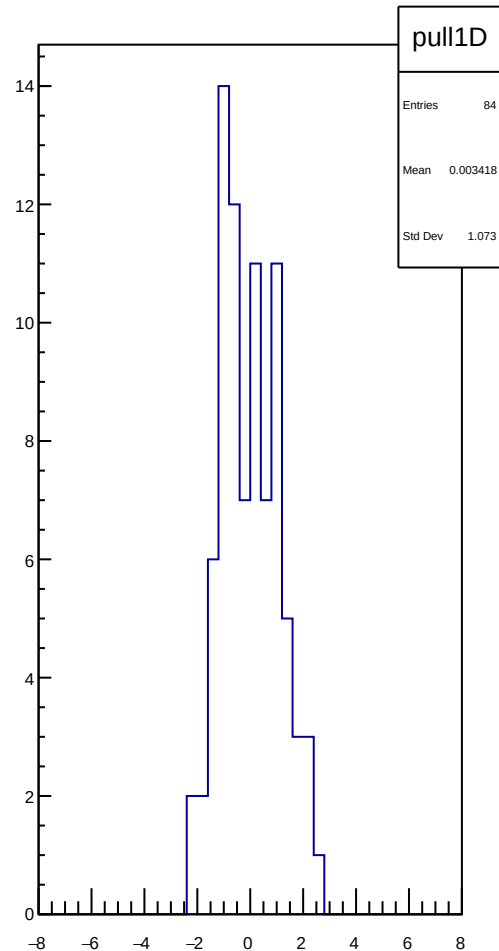
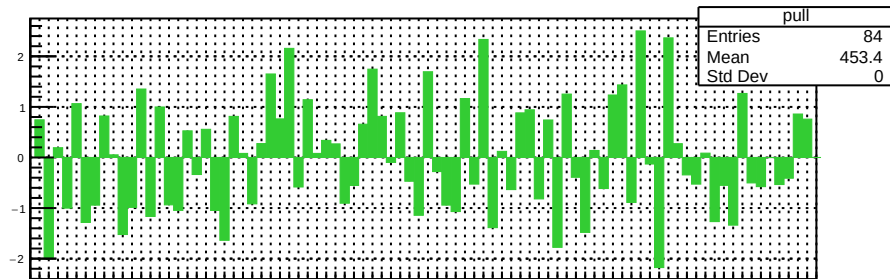
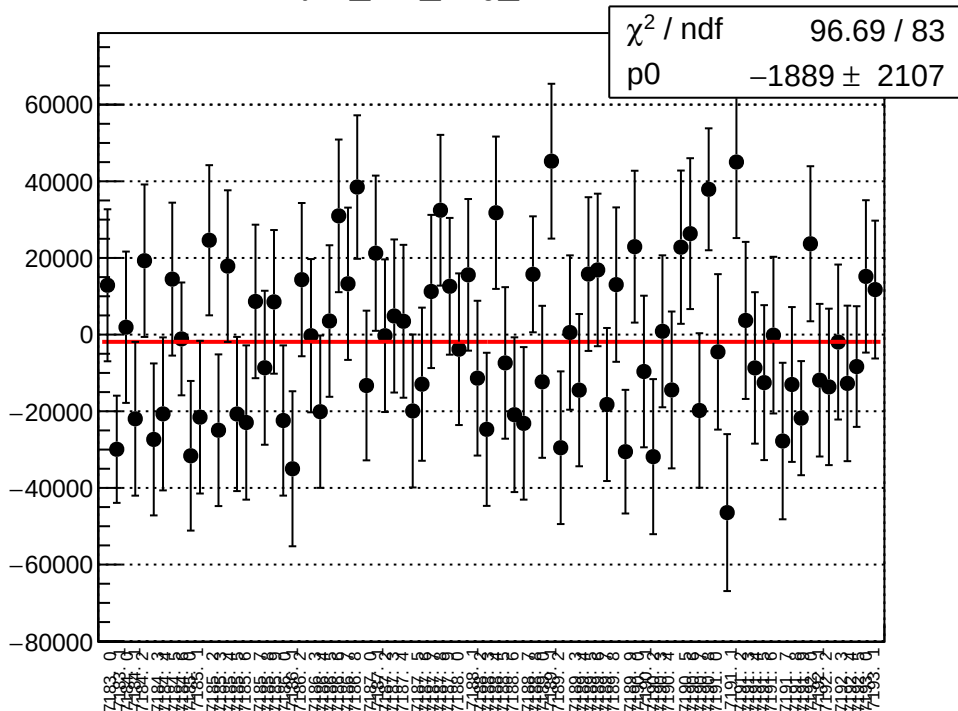
asym_at1_avg_eigen_dit_correction_mean vs run



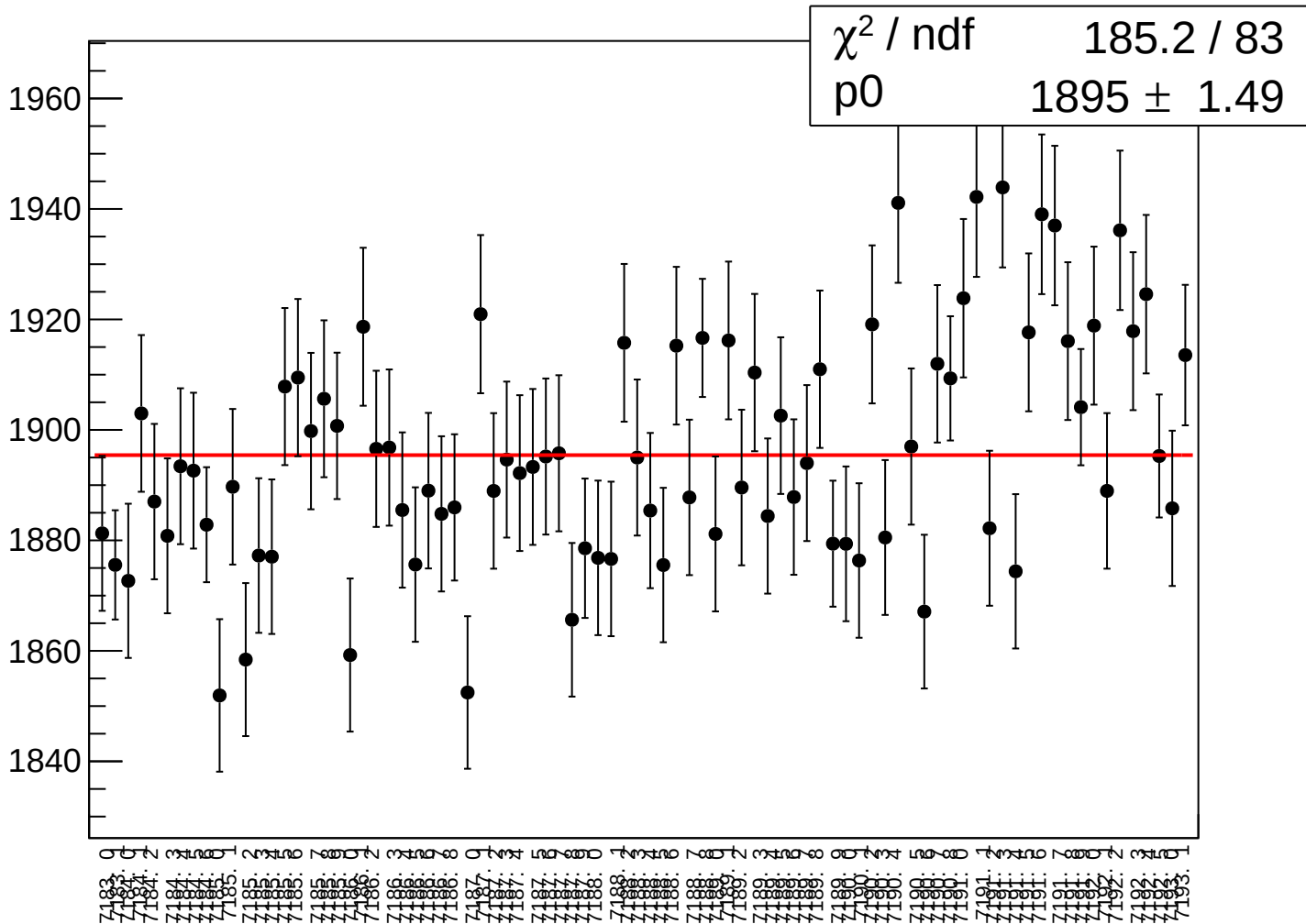
asym_at1_avg_eigen_dit_correction_rms vs run



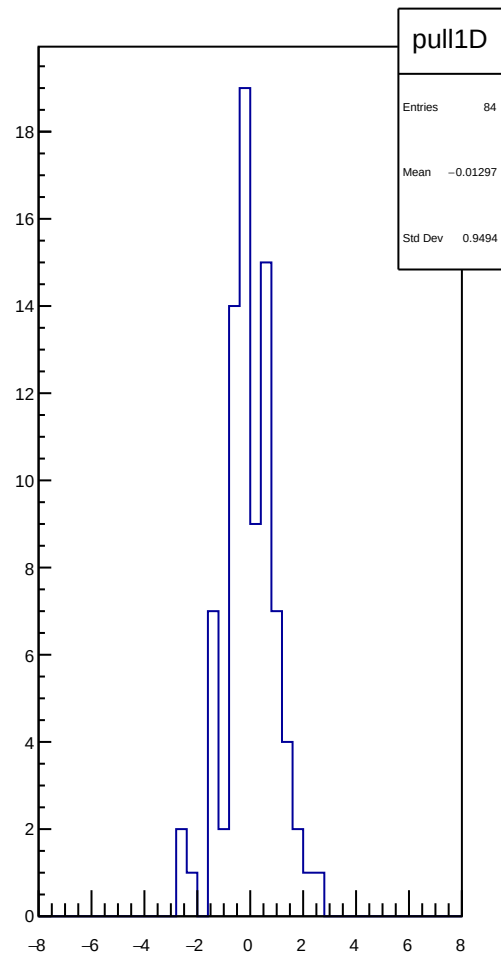
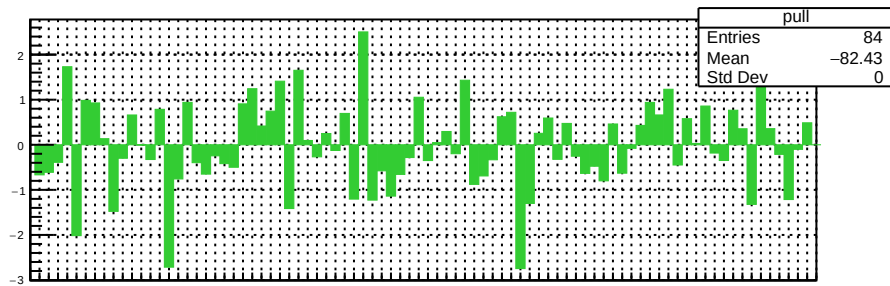
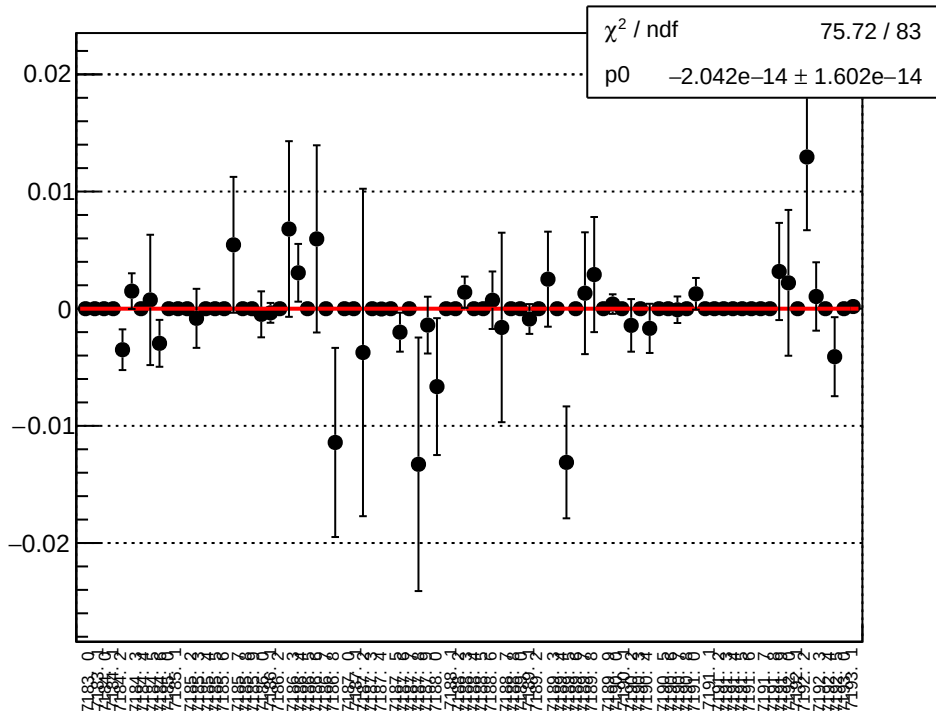
asym_at1_avg_mean vs run



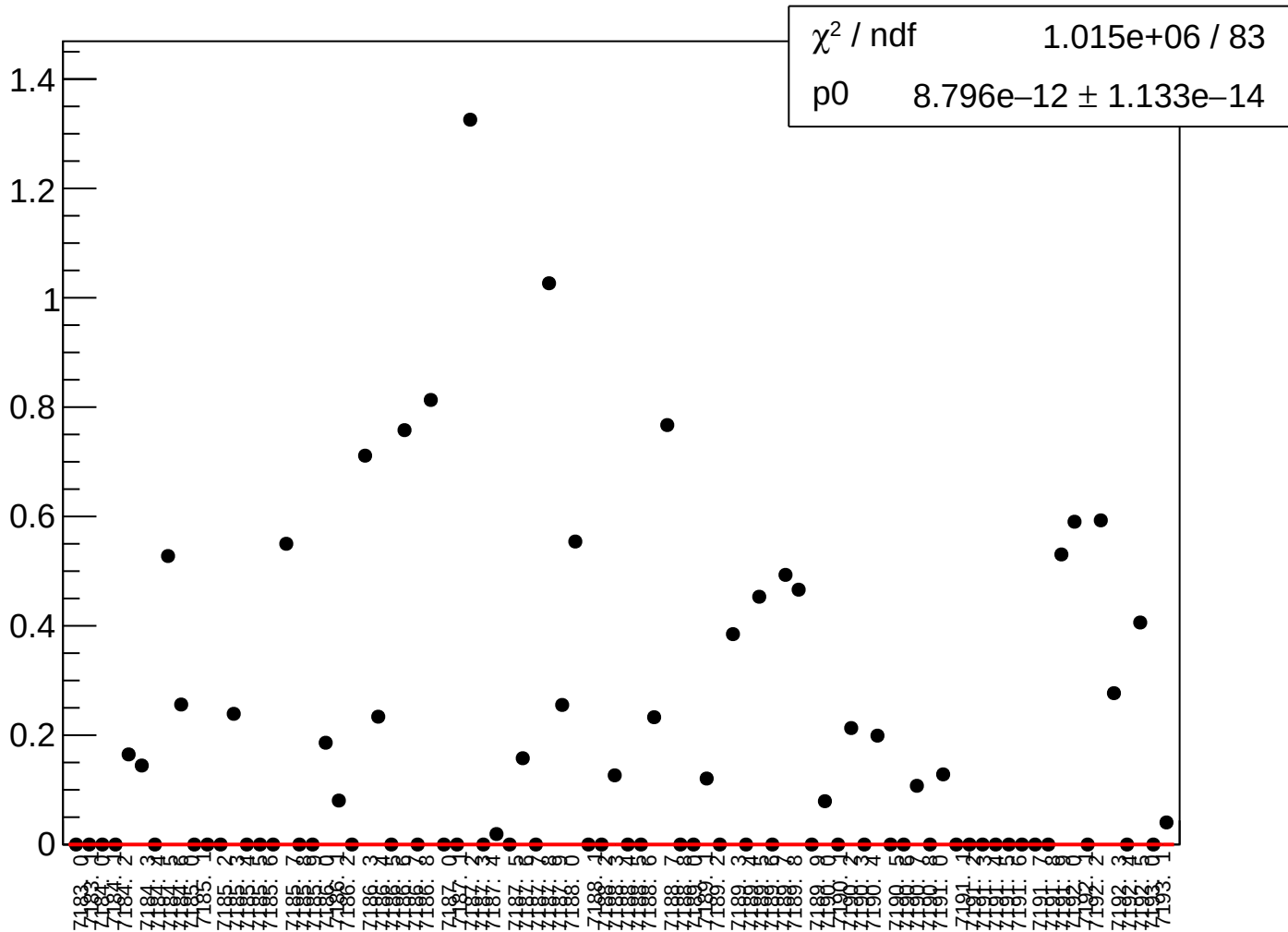
asym_at1_avg_rms vs run



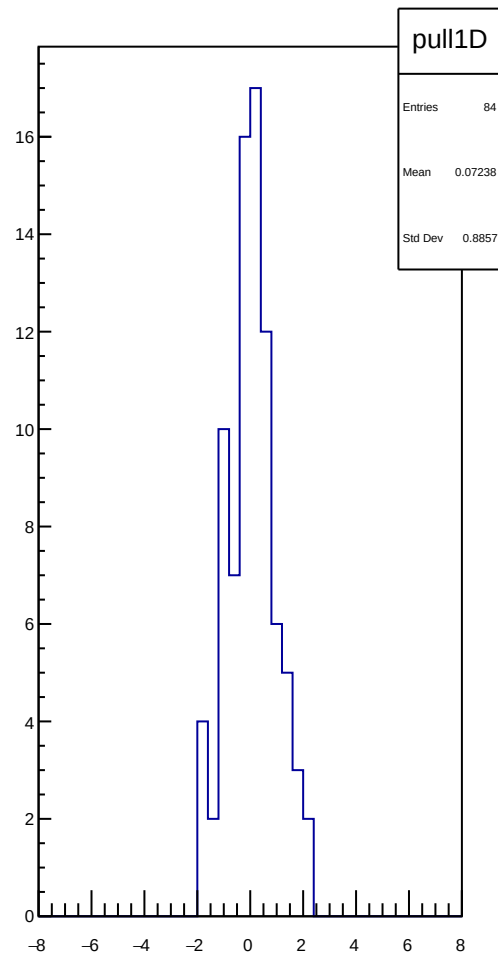
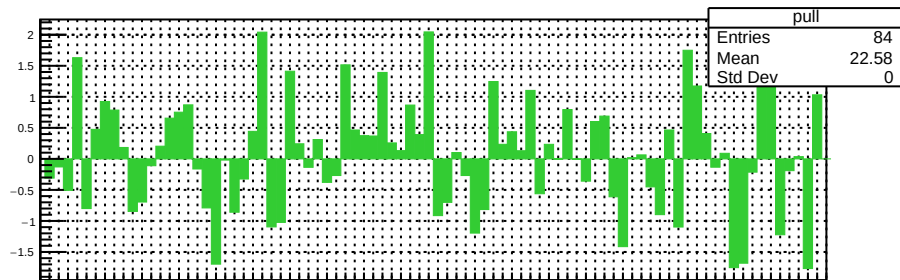
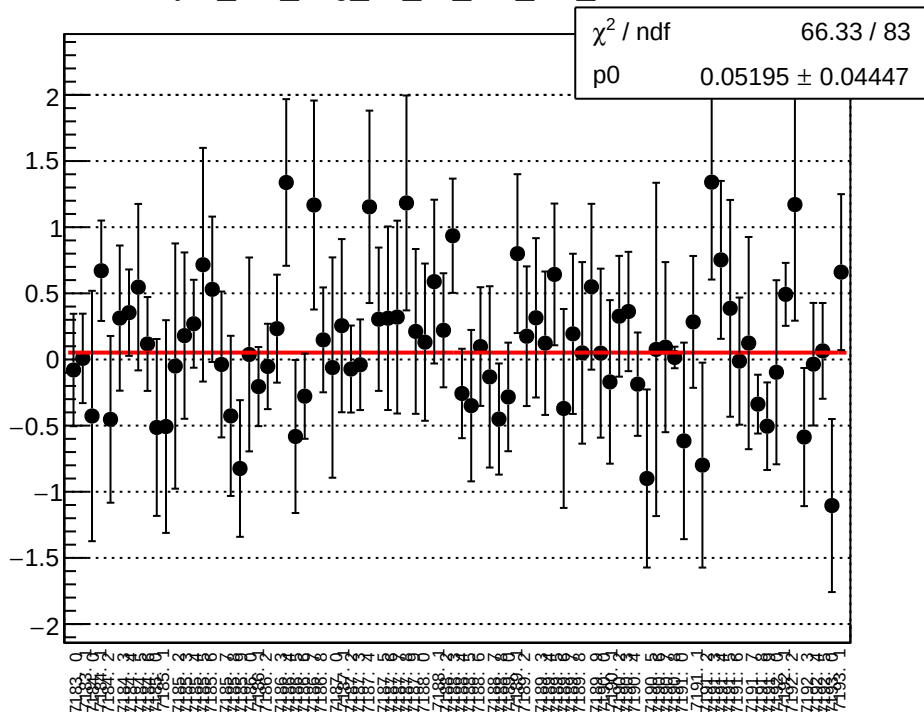
asym_at1_avg_reg_vs_cor_diff_mean vs run



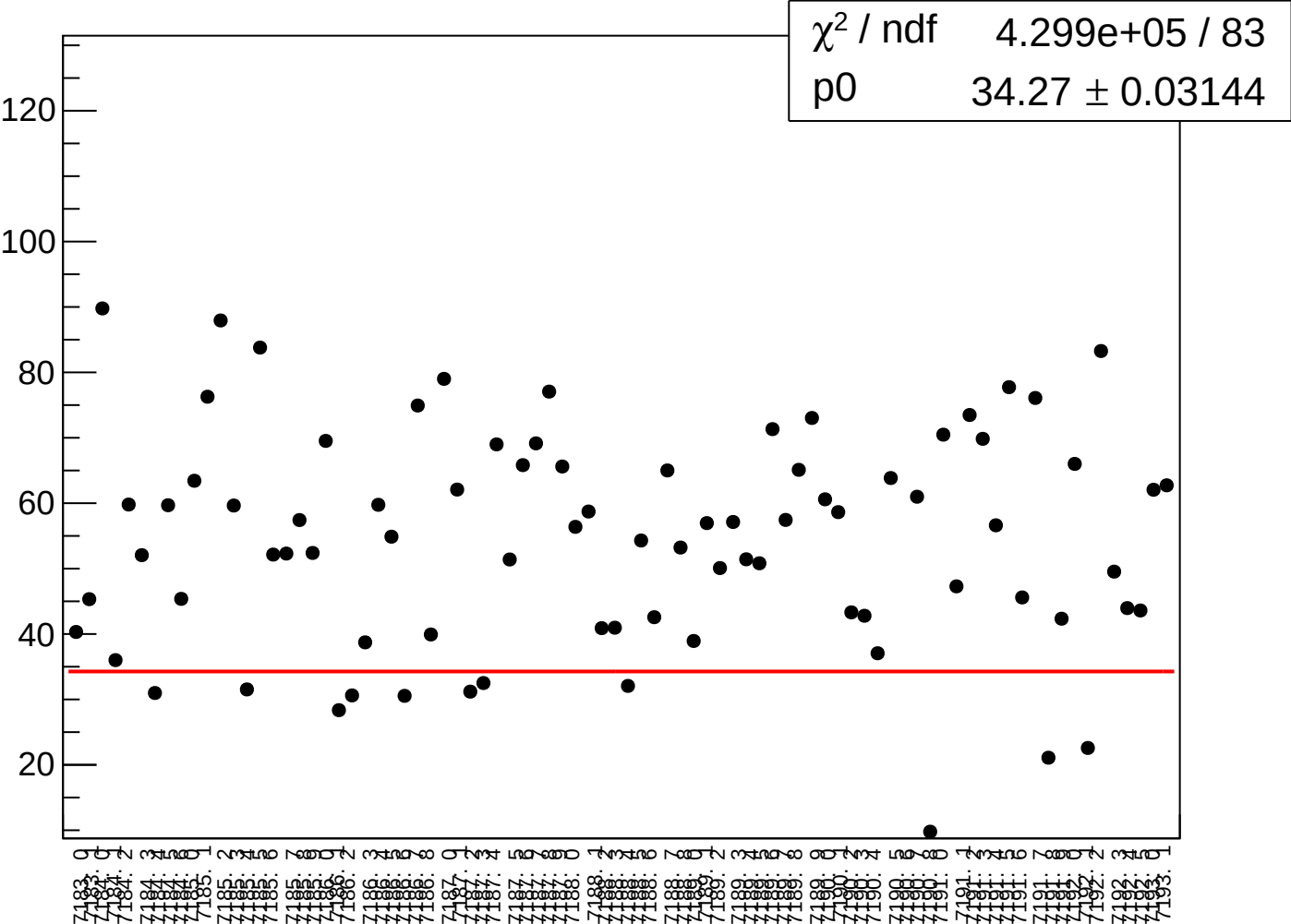
asym_at1_avg_reg_vs_cor_diff_rms vs run



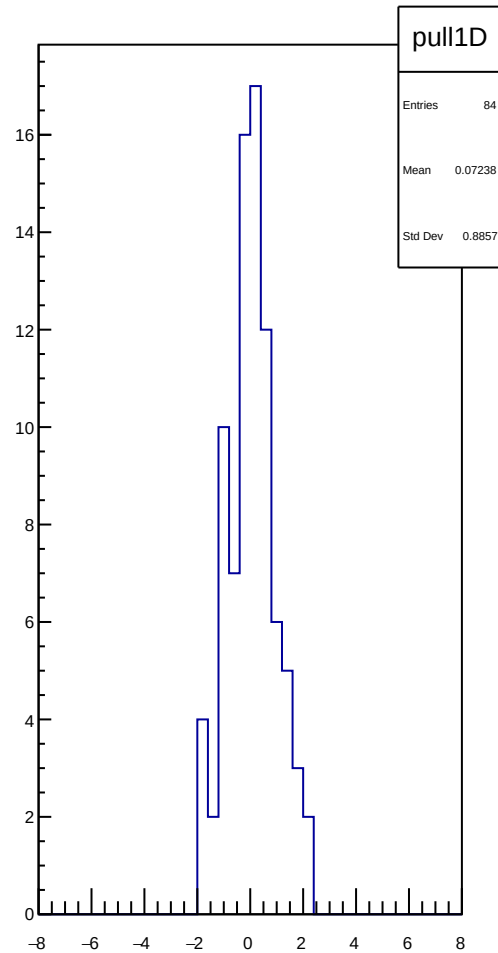
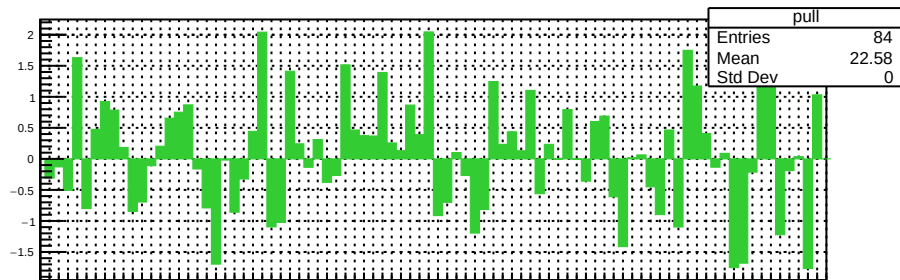
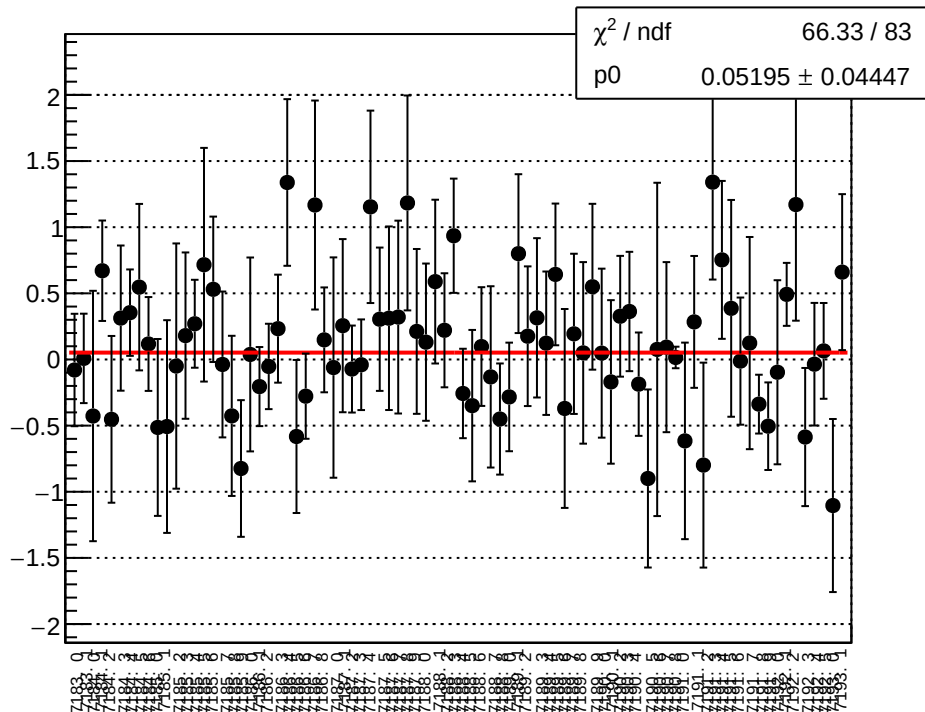
asym_at1_avg_dit_vs_cor_diff_mean vs run



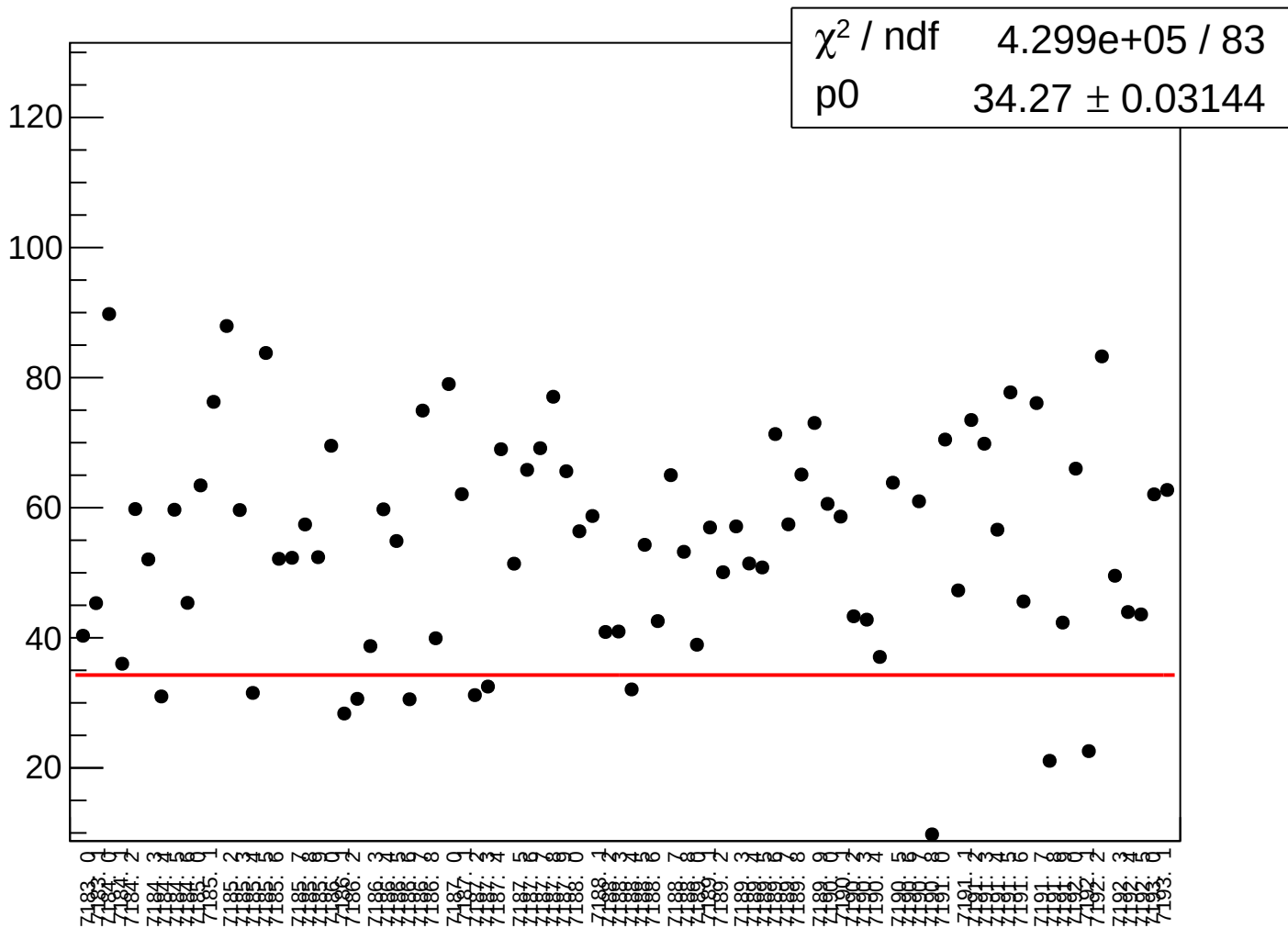
asym_at1_avg_dit_vs_cor_diff_rms vs run



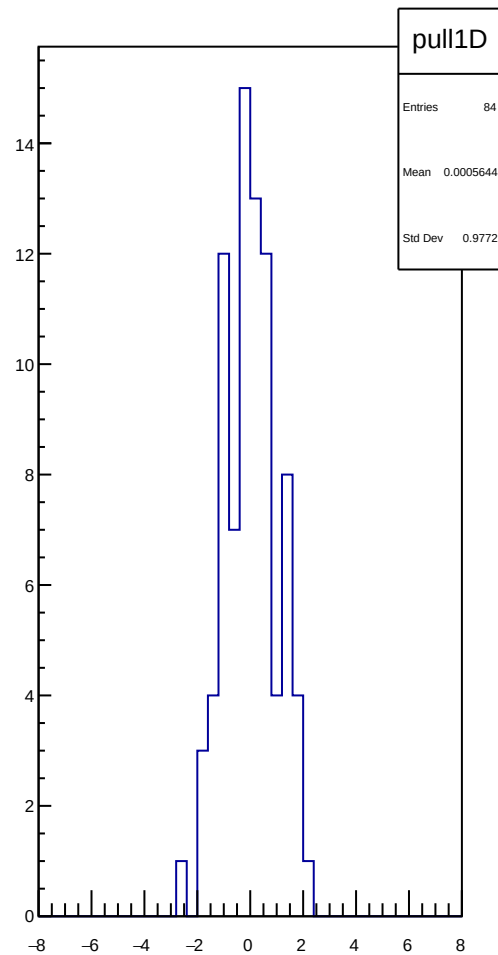
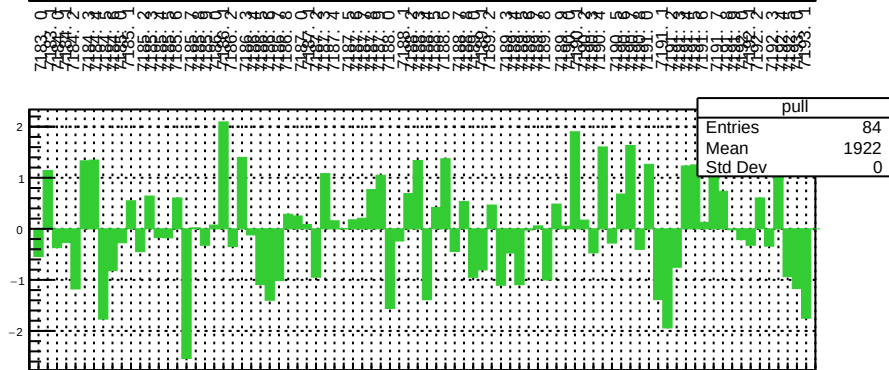
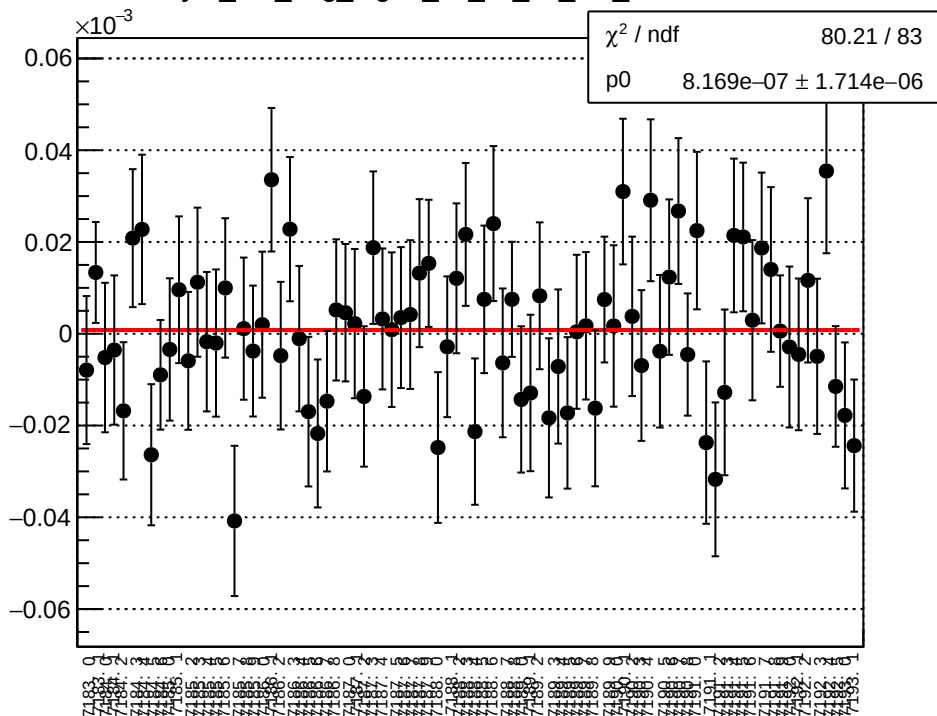
asym_at1_avg_dit_vs_eigen_cor_diff_mean vs run



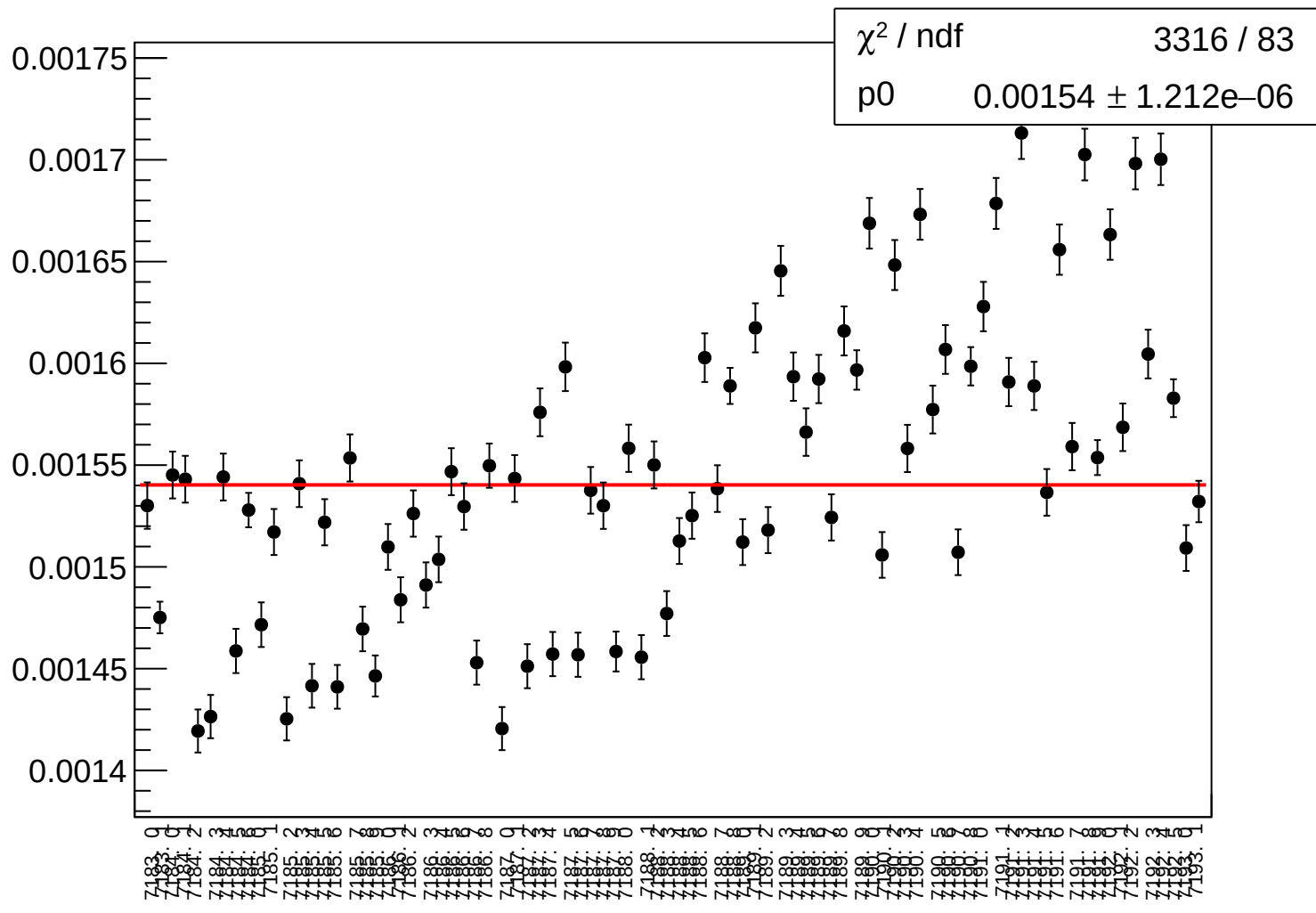
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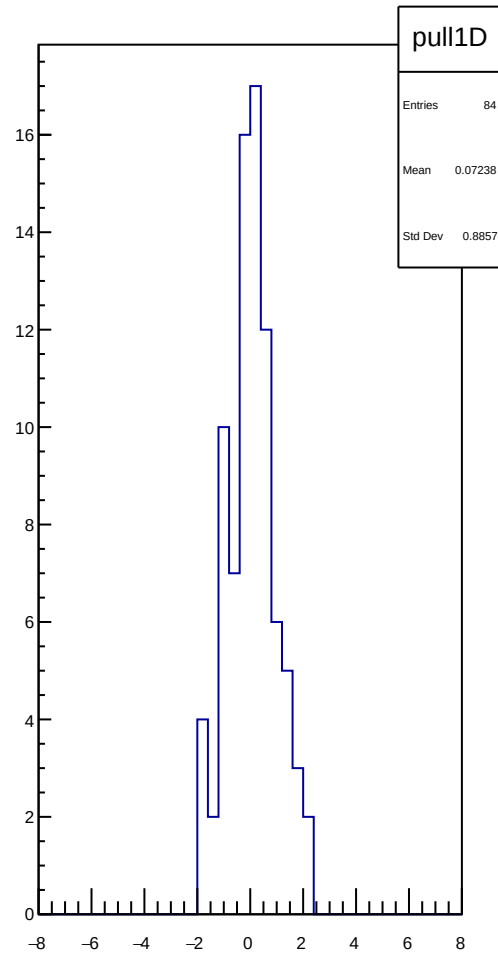
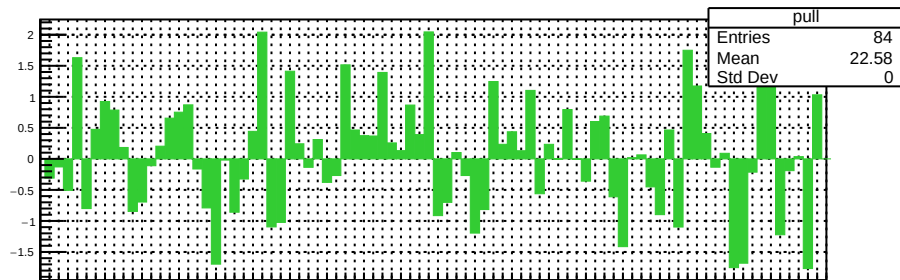
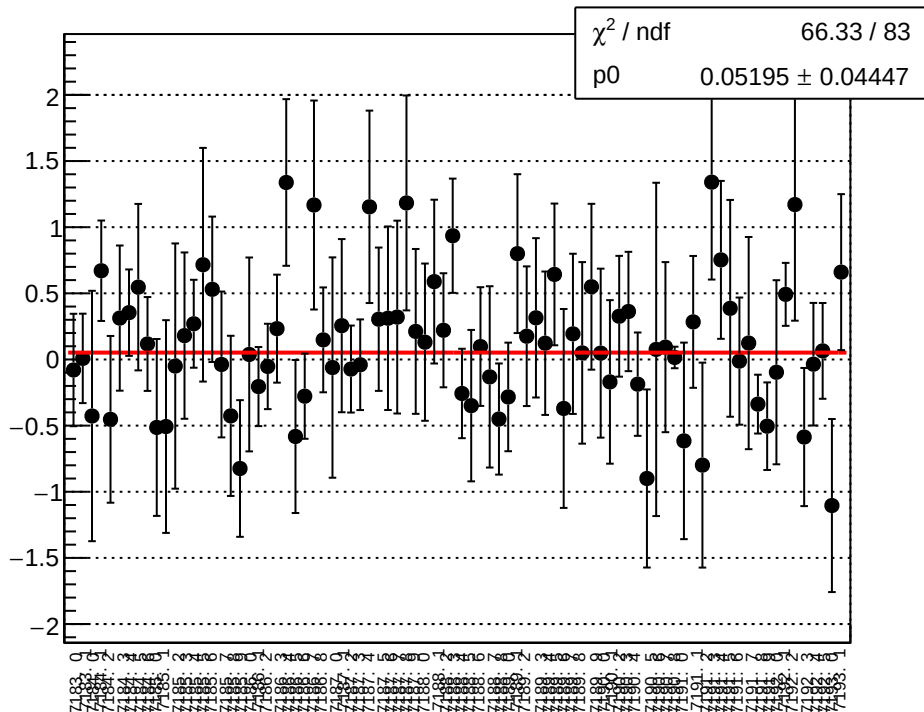
asym_at1_avg_eigen_dit_vs_dit_diff_mean vs run



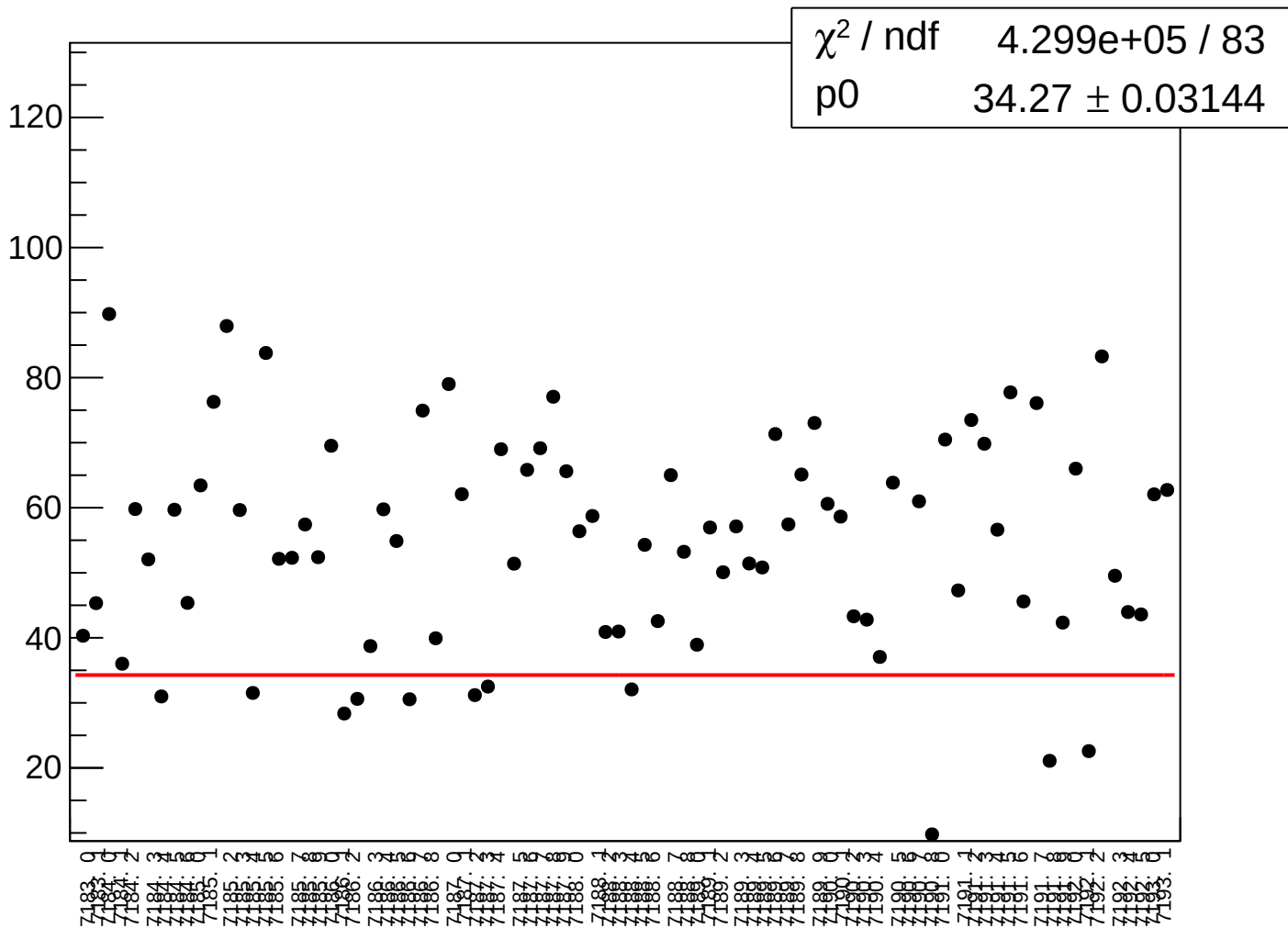
asym_at1_avg_eigen_dit_vs_dit_diff_rms vs run



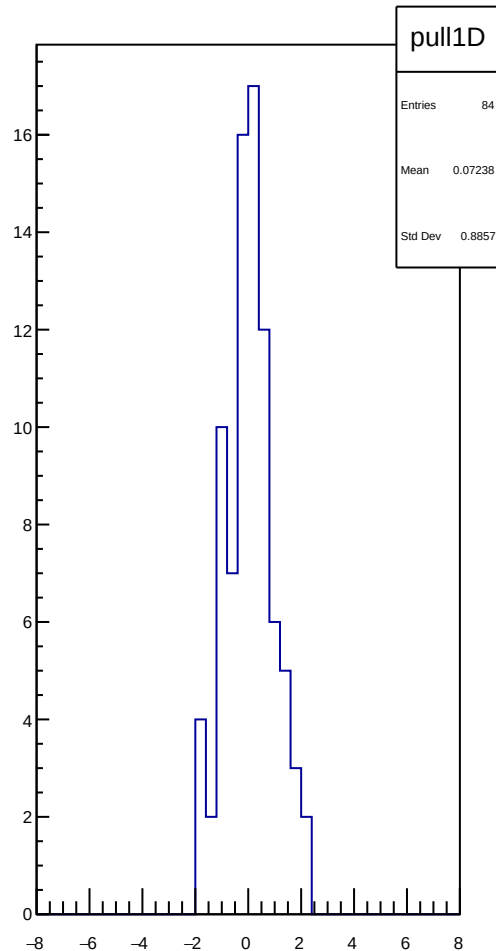
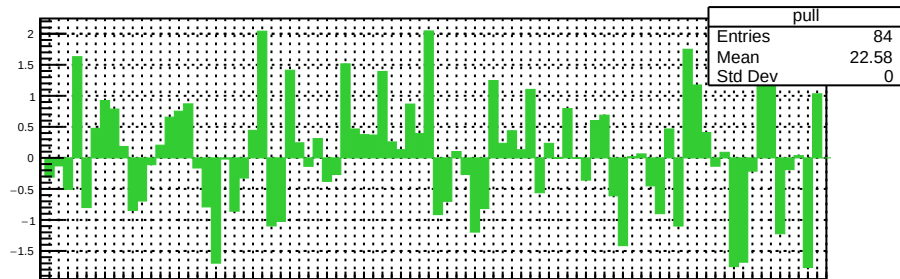
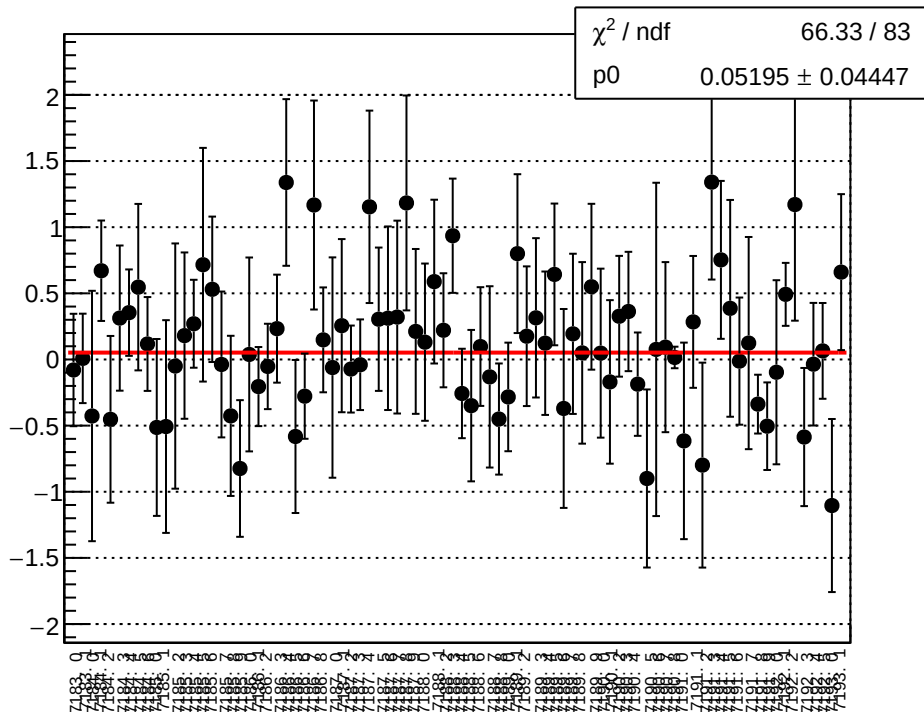
asym_at1_avg_eigen_dit_vs_cor_diff_mean vs run



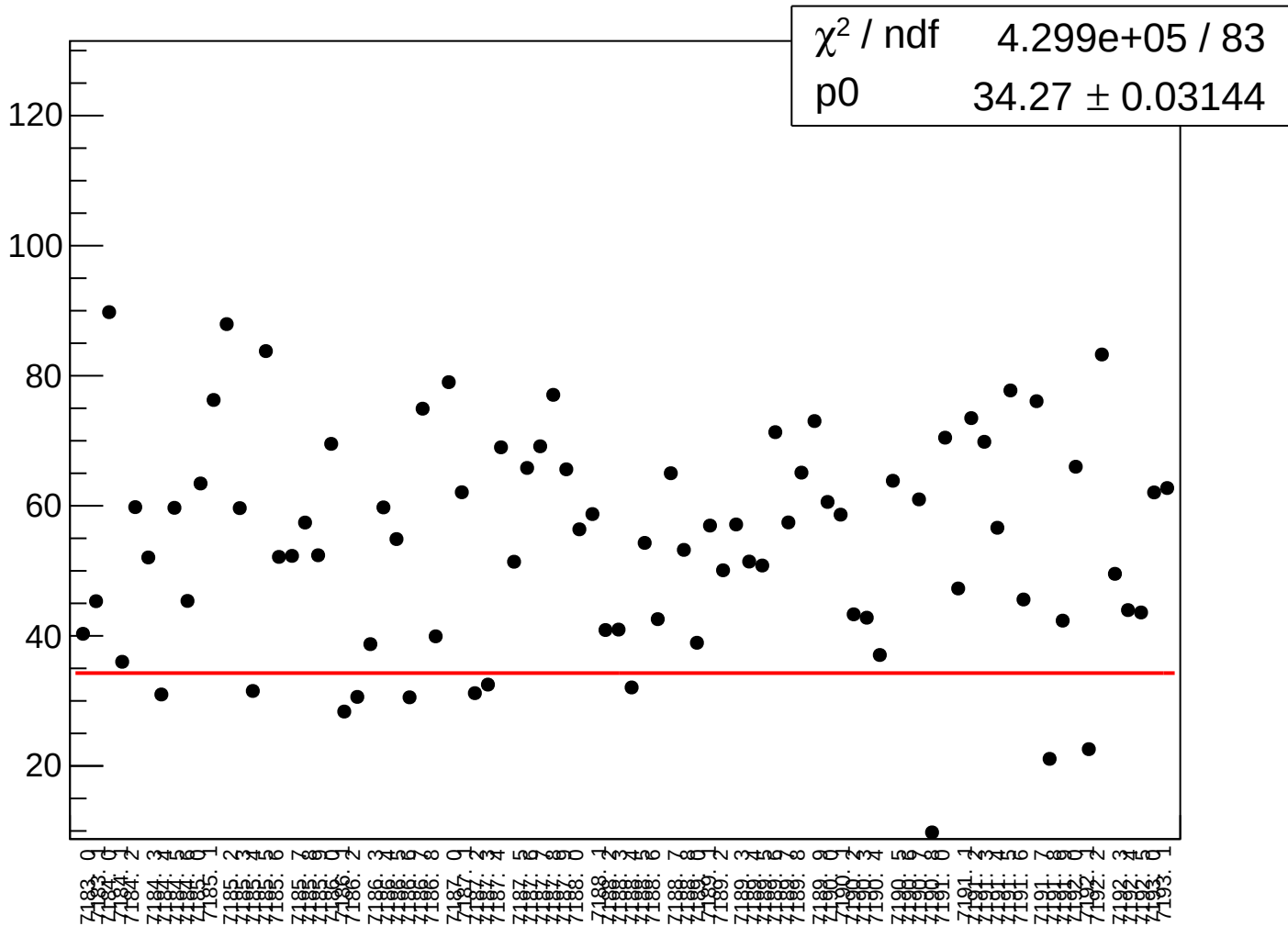
asym_at1_avg_eigen_dit_vs_cor_diff_rms vs run



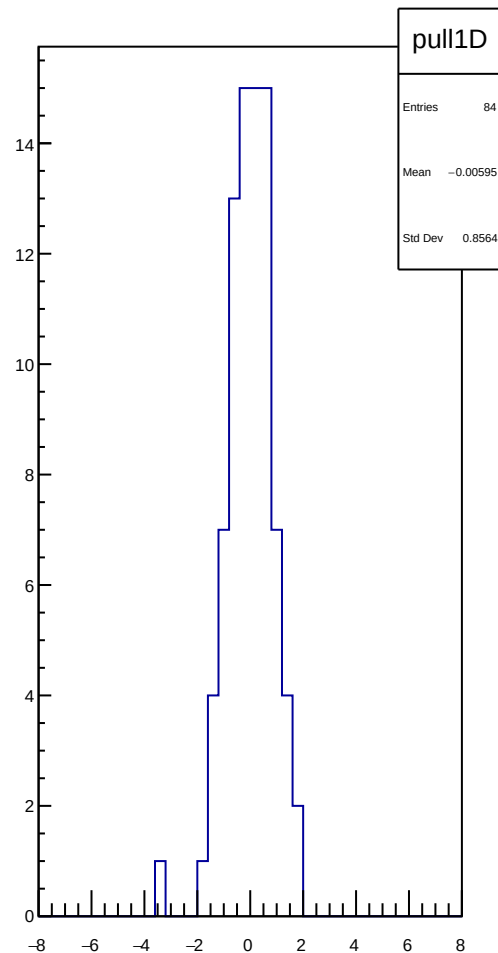
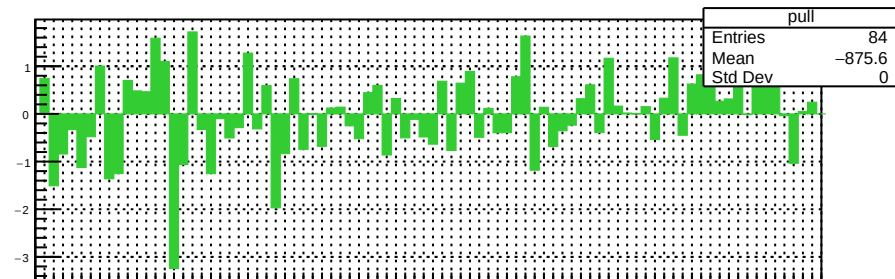
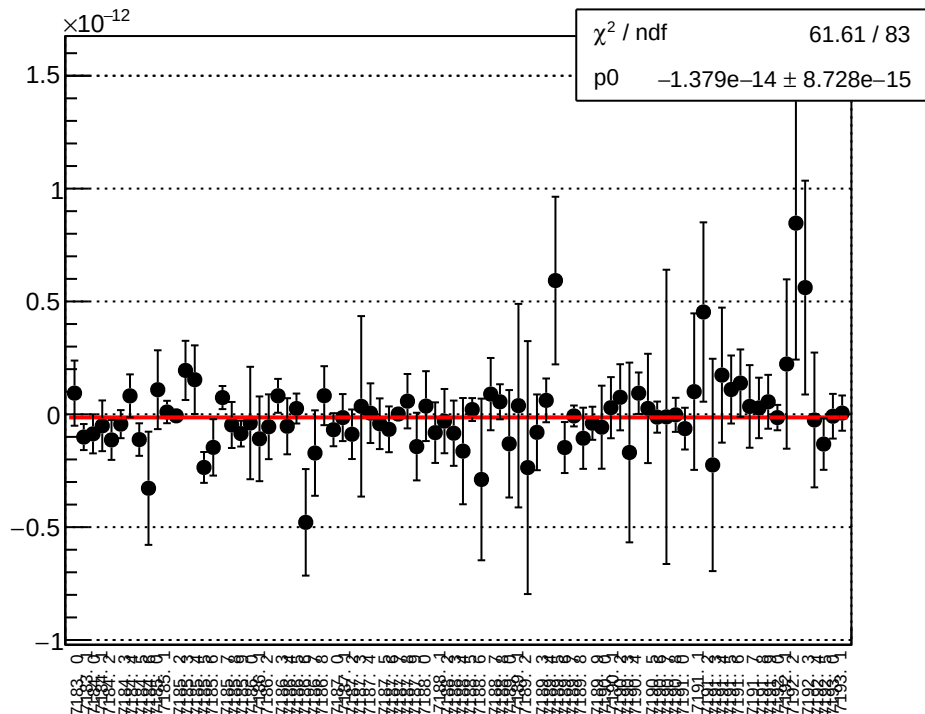
asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



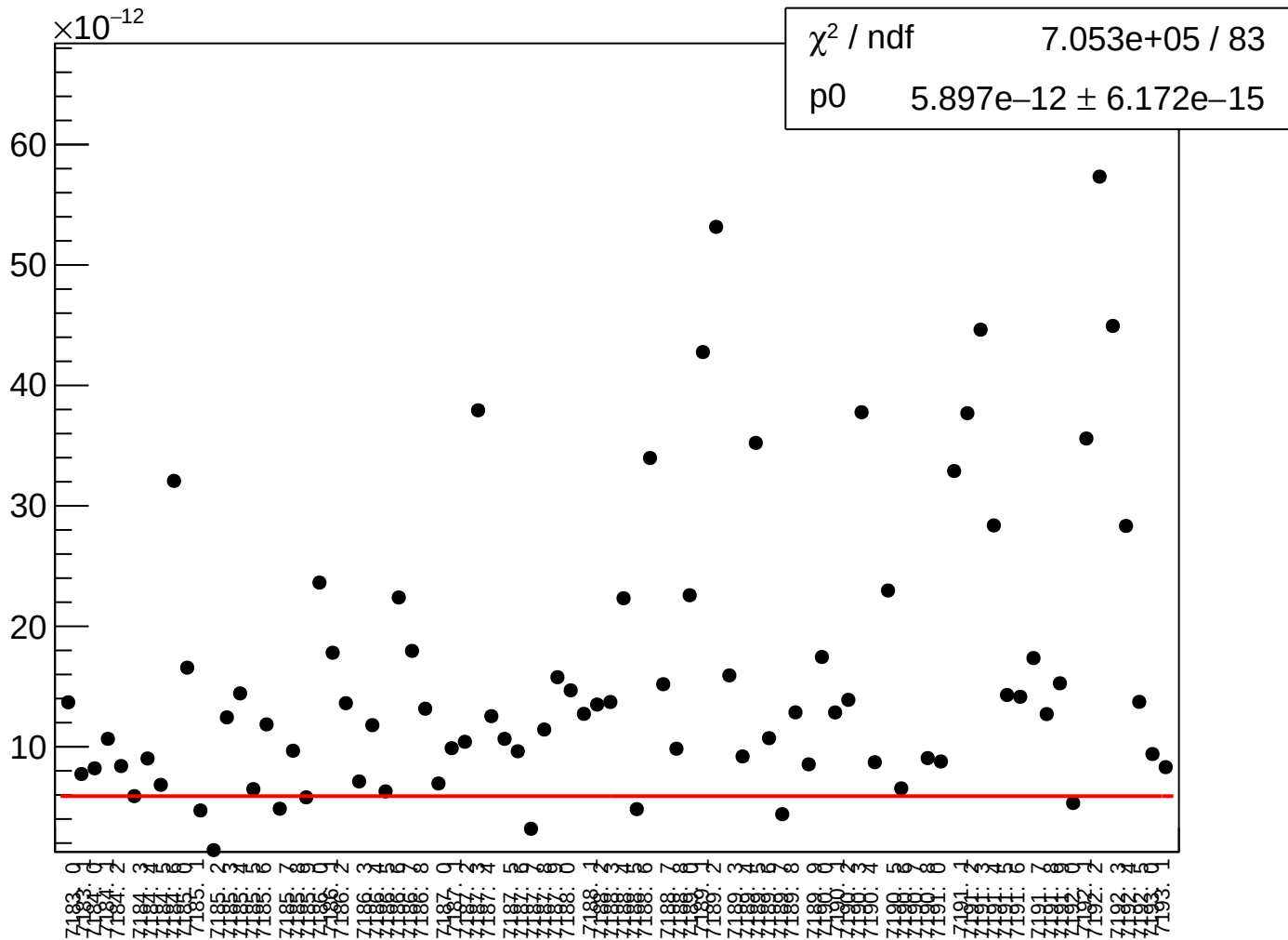
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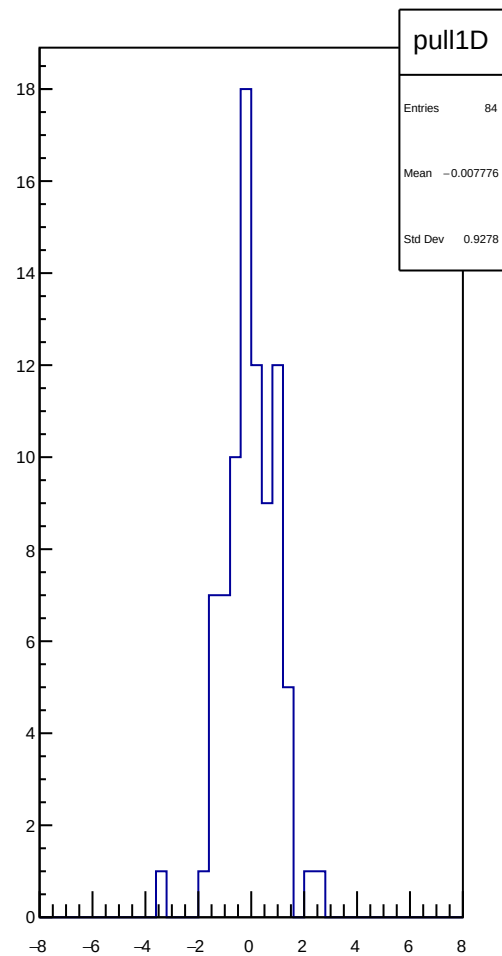
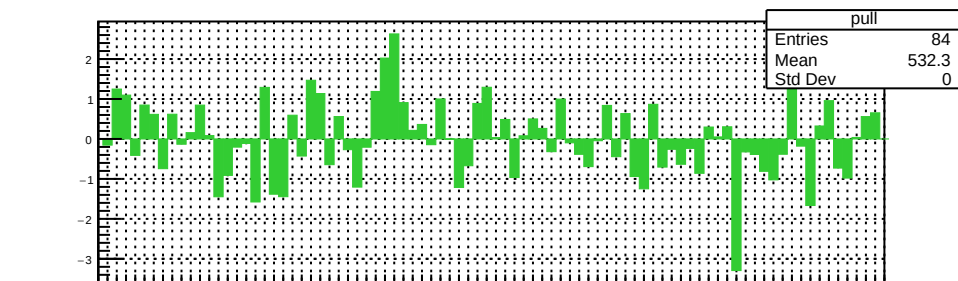
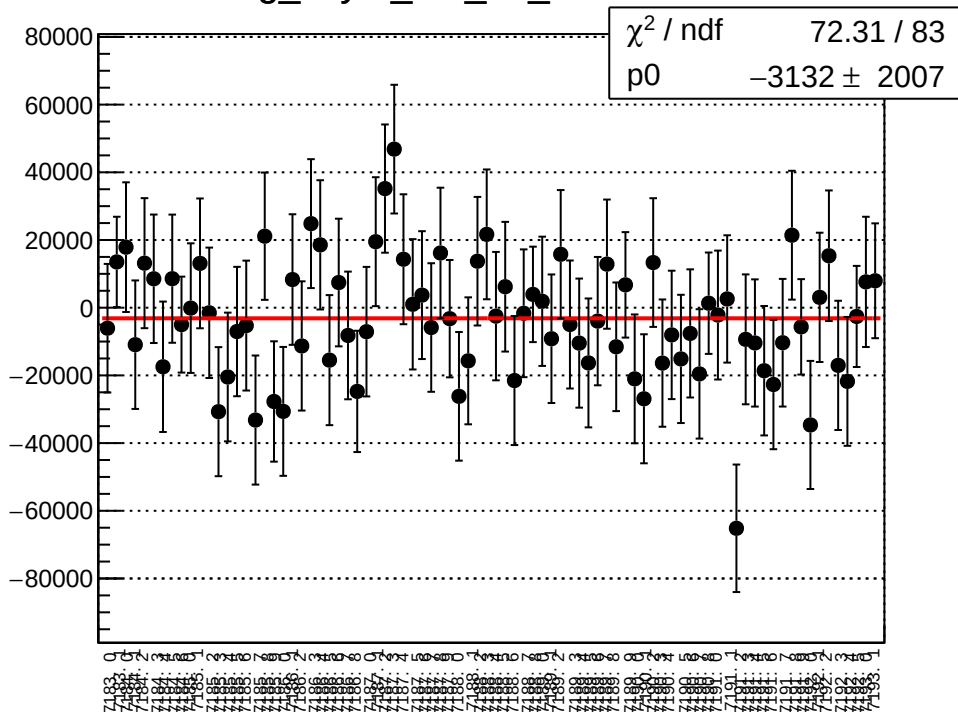
asym_at1_avg_eigen_cor_vs_cor_diff_mean vs run



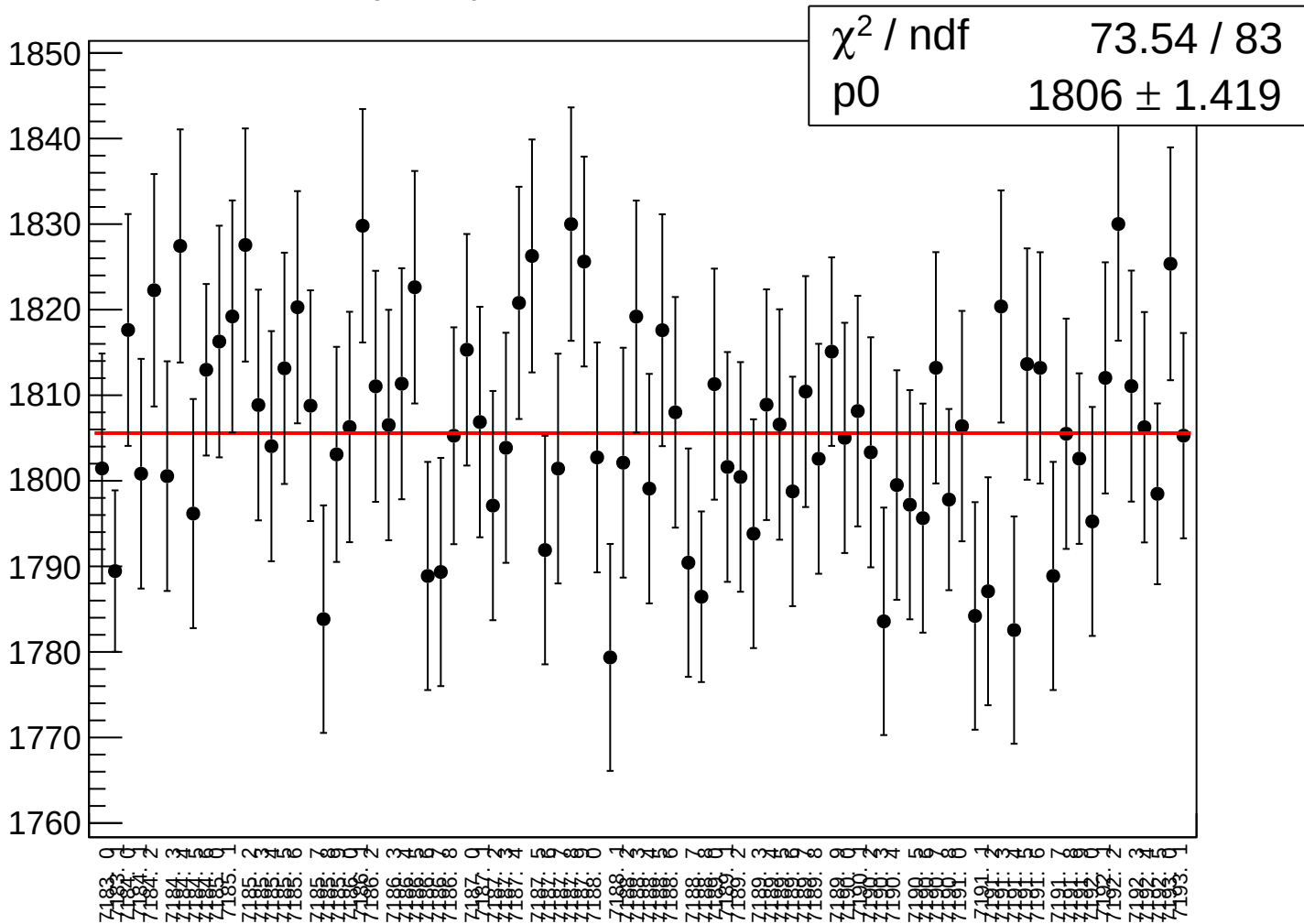
asym_at1_avg_eigen_cor_vs_cor_diff_rms vs run



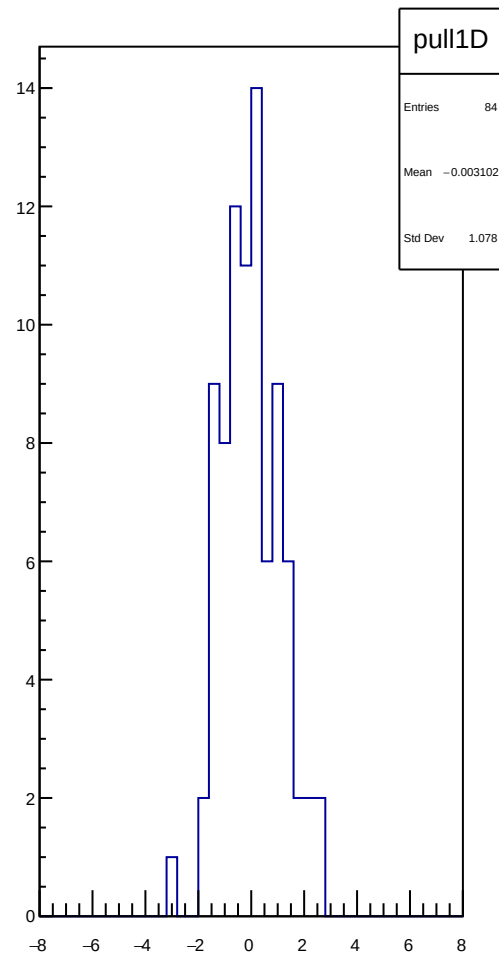
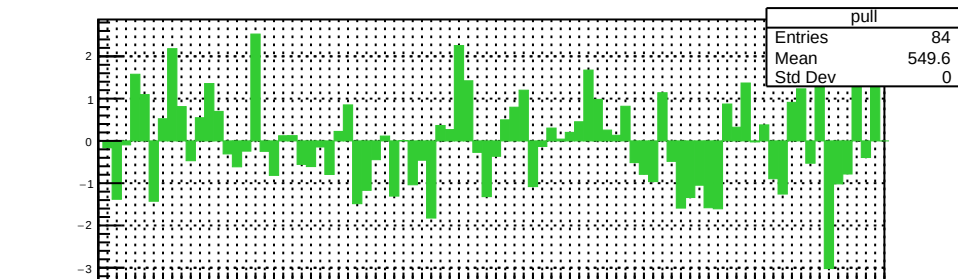
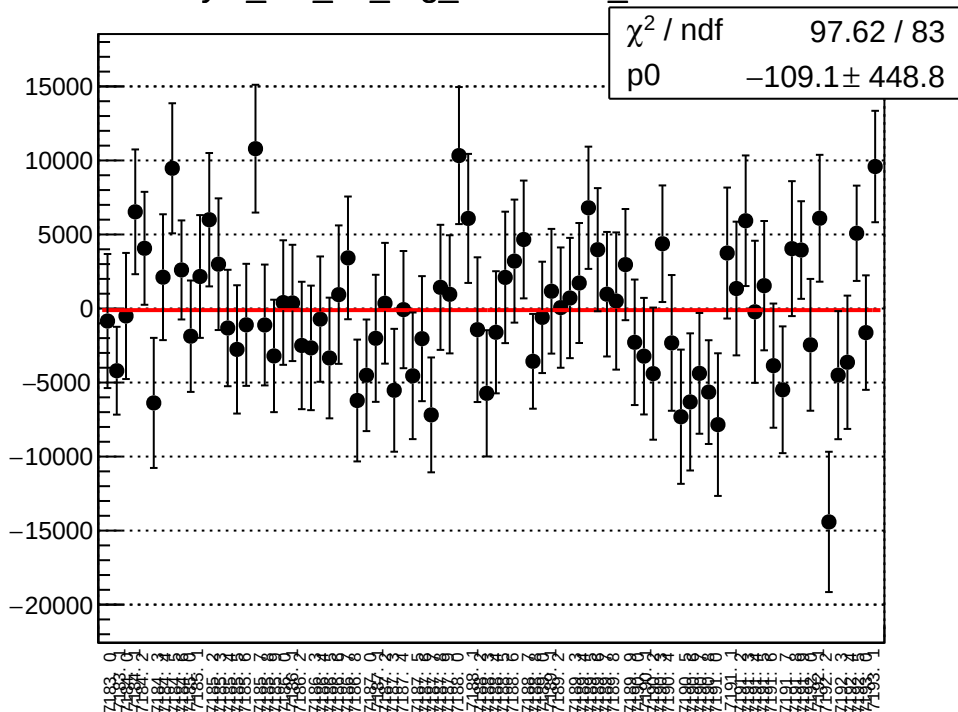
reg_asym_at1_dd_mean vs run



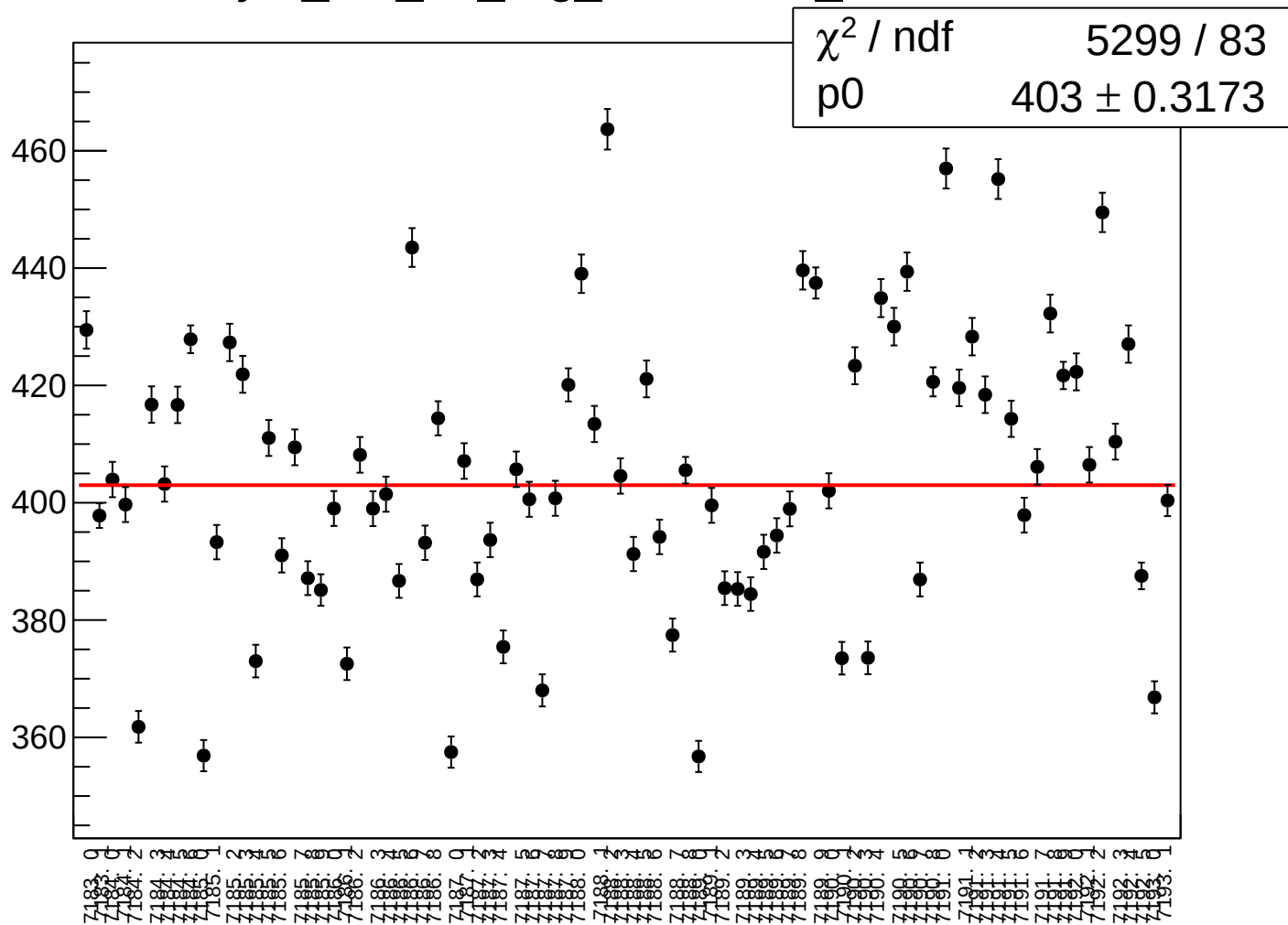
reg_asym_at1_dd_rms vs run



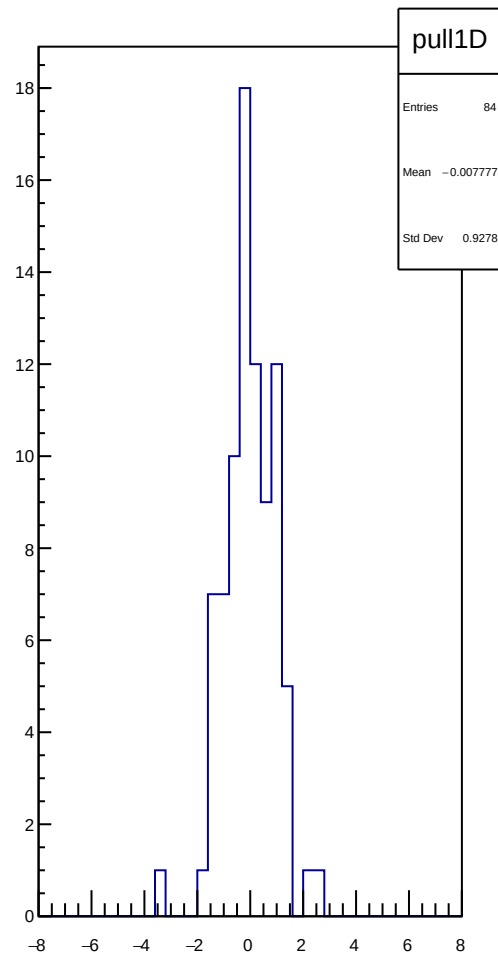
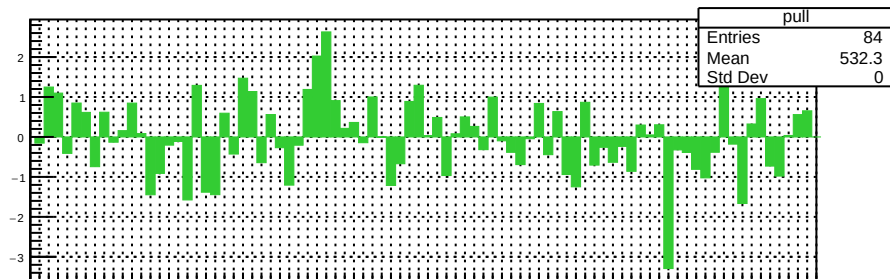
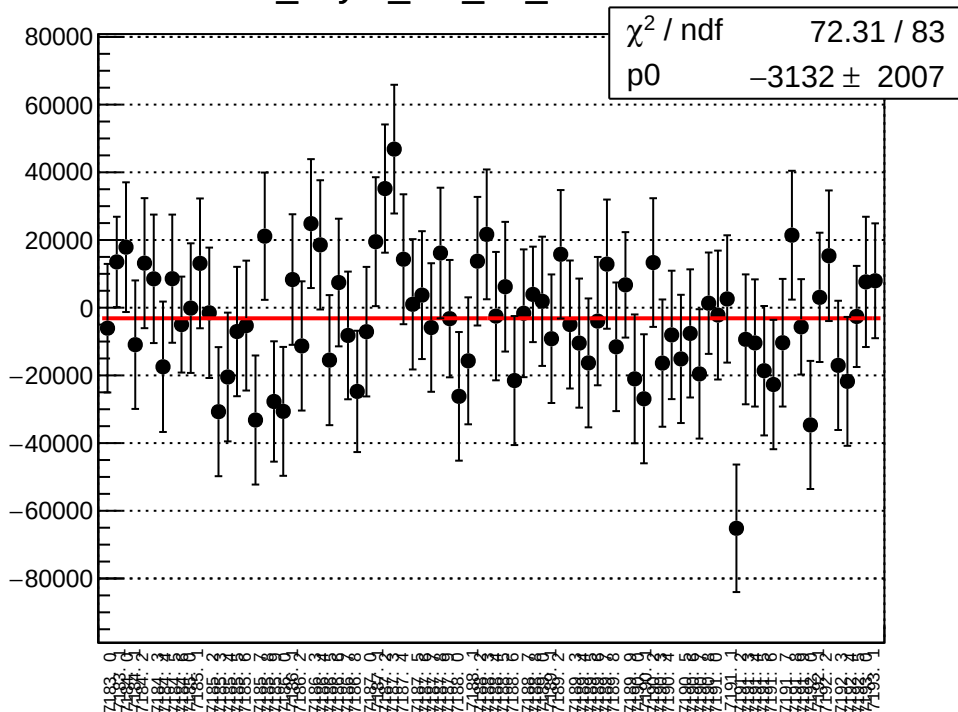
asym_at1_dd_reg_correction_mean vs run



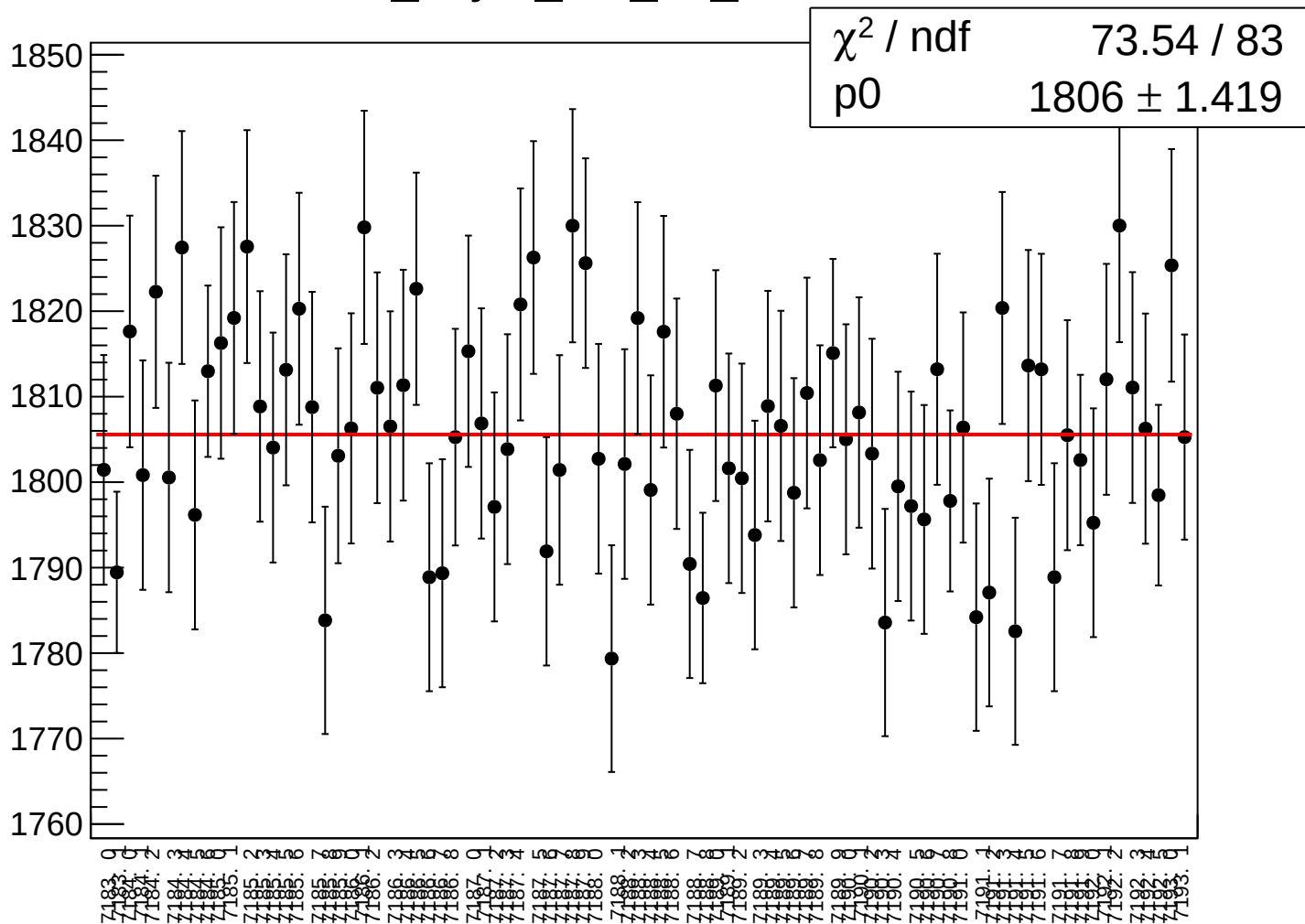
asym_at1_dd_reg_correction_rms vs run



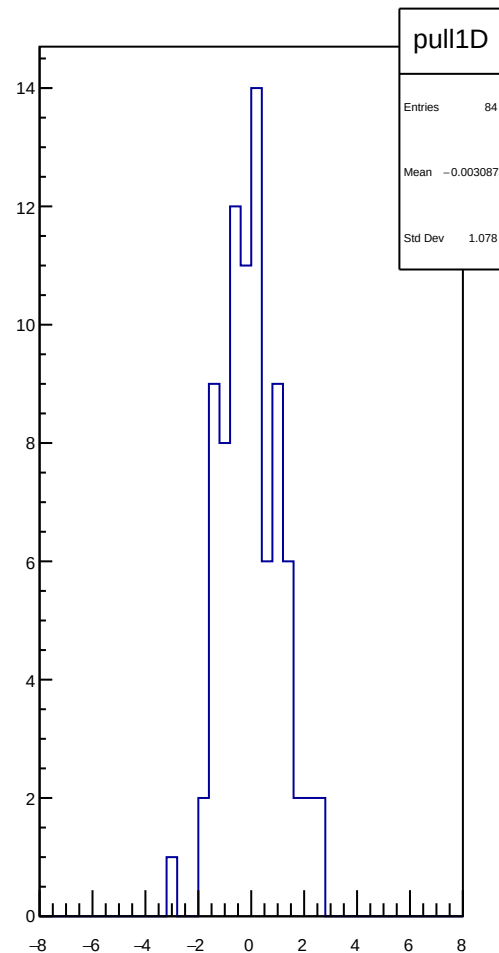
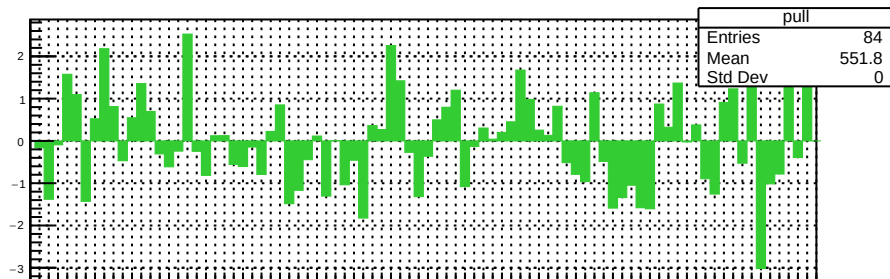
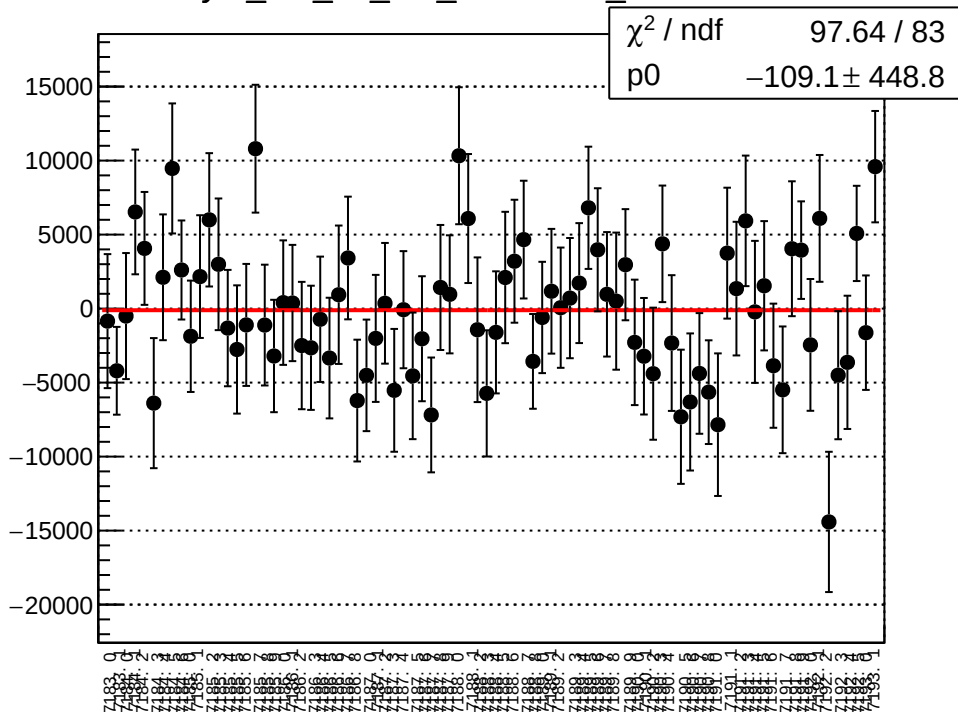
cor_asym_at1_dd_mean vs run



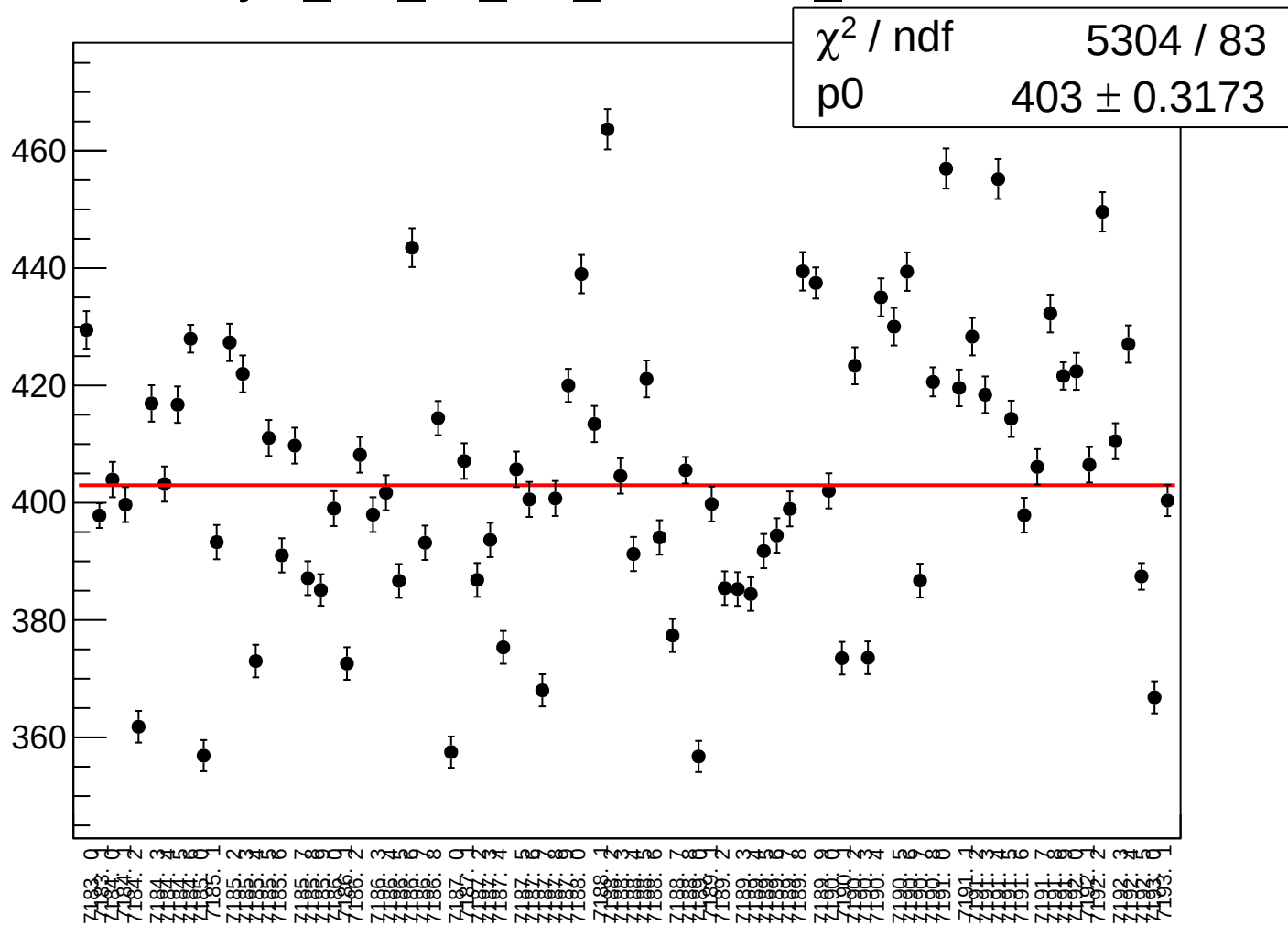
cor_asym_at1_dd_rms vs run



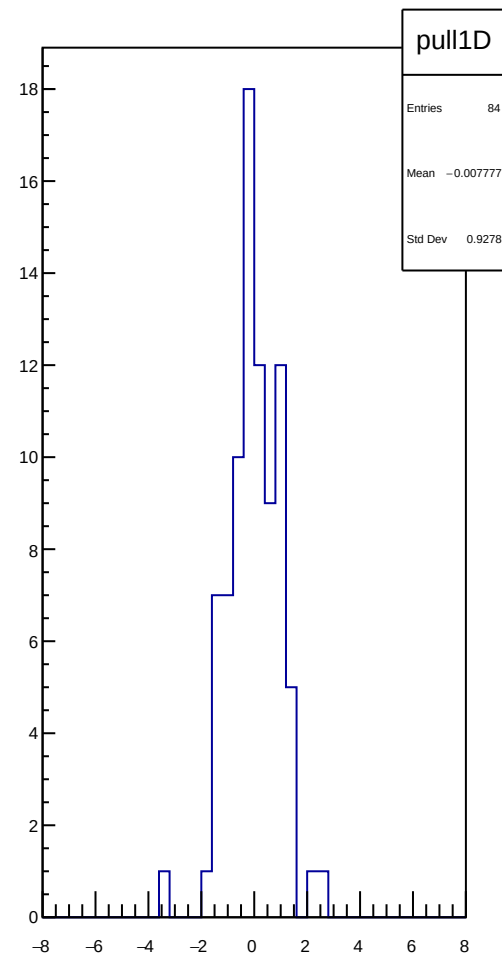
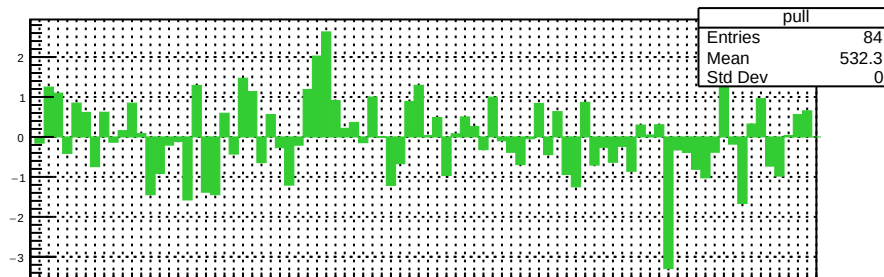
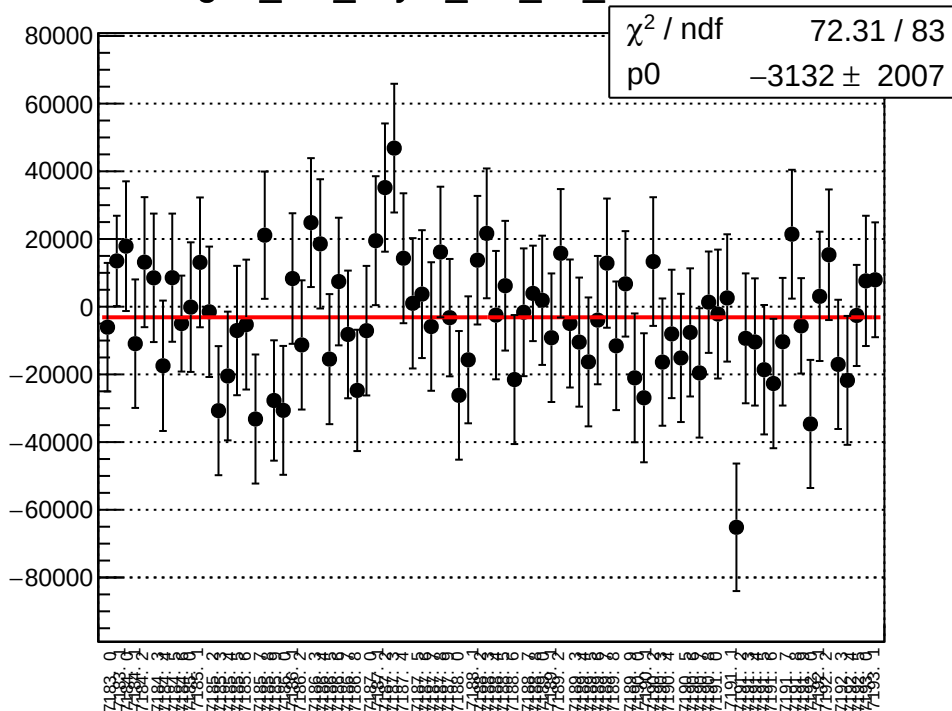
asym_at1_dd_cor_correction_mean vs run



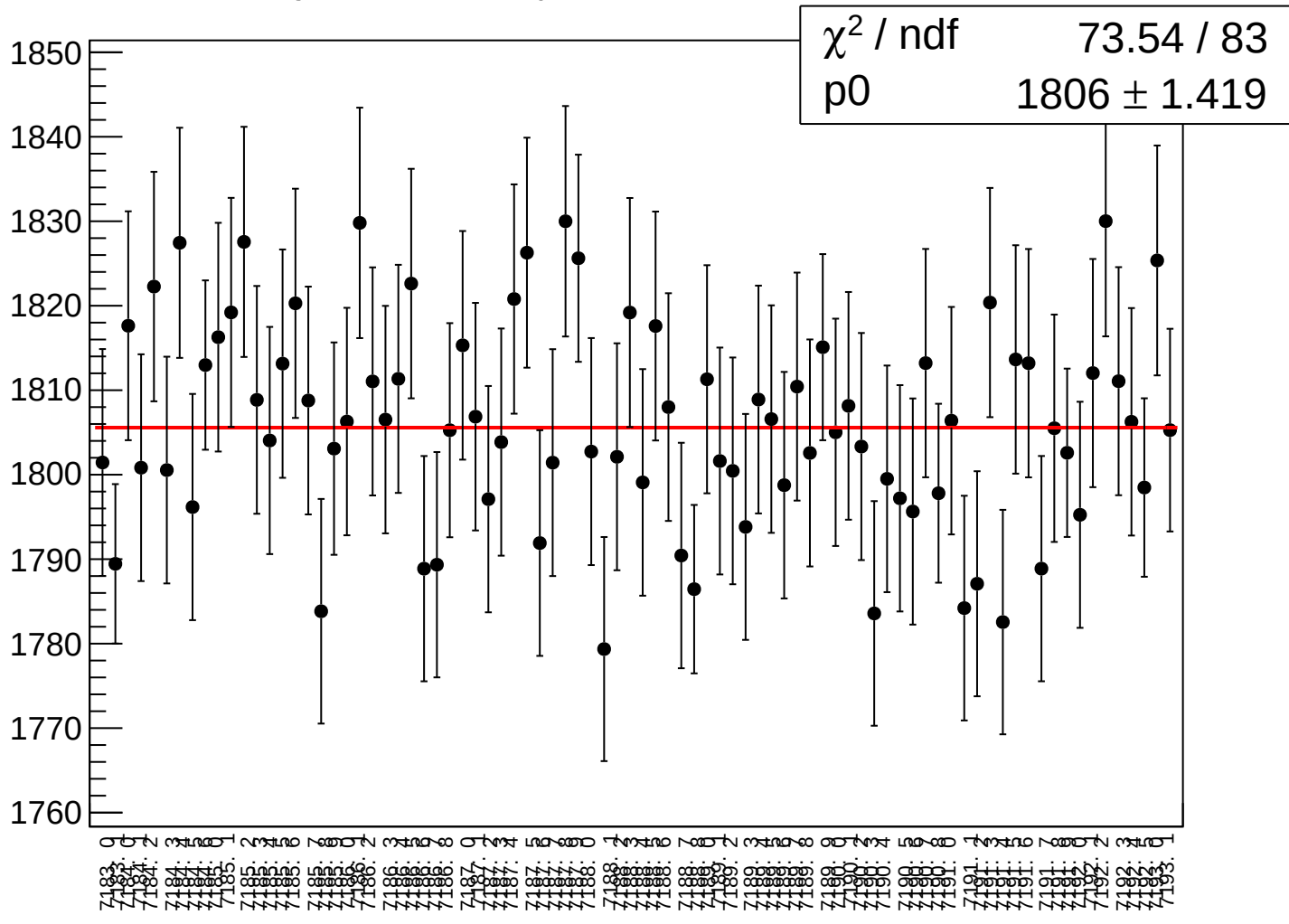
asym_at1_dd_cor_correction_rms vs run



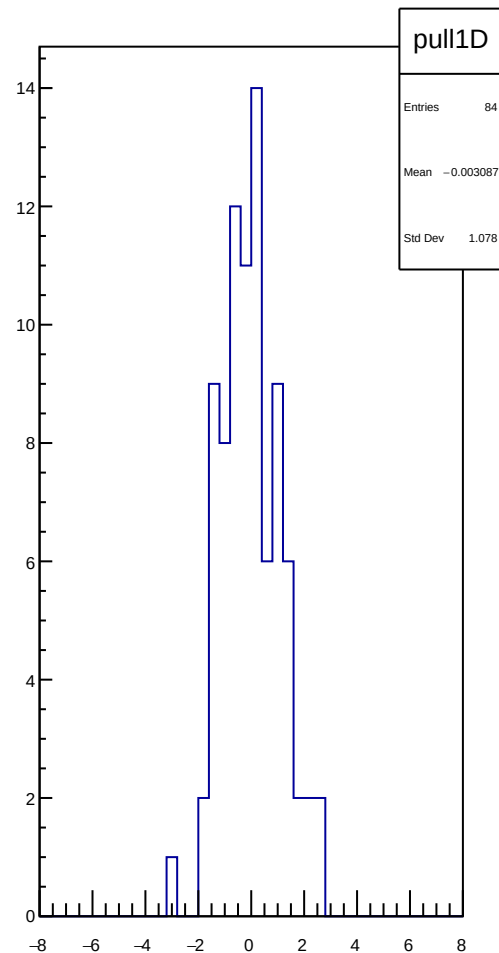
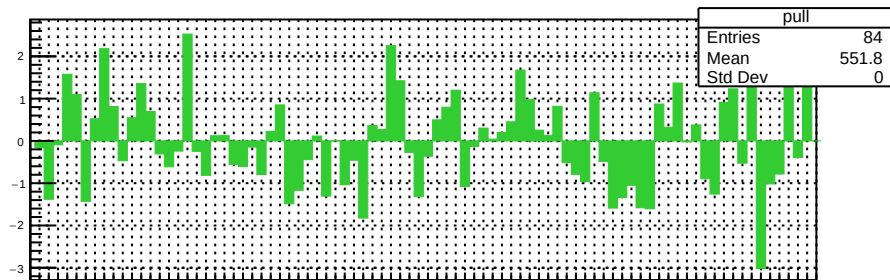
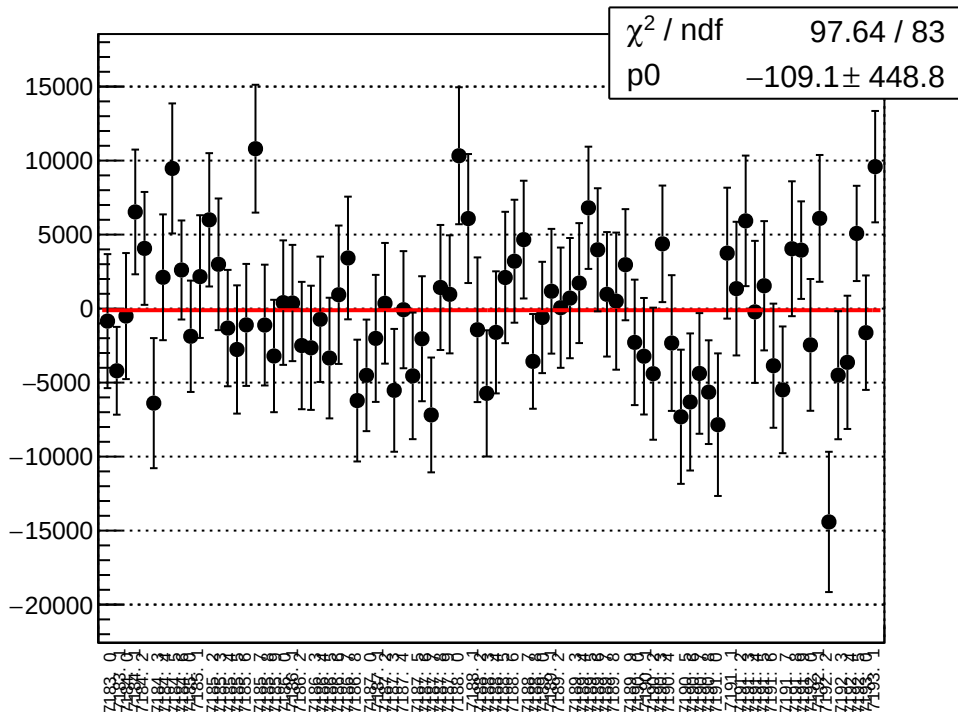
eigen_cor_asym_at1_dd_mean vs run



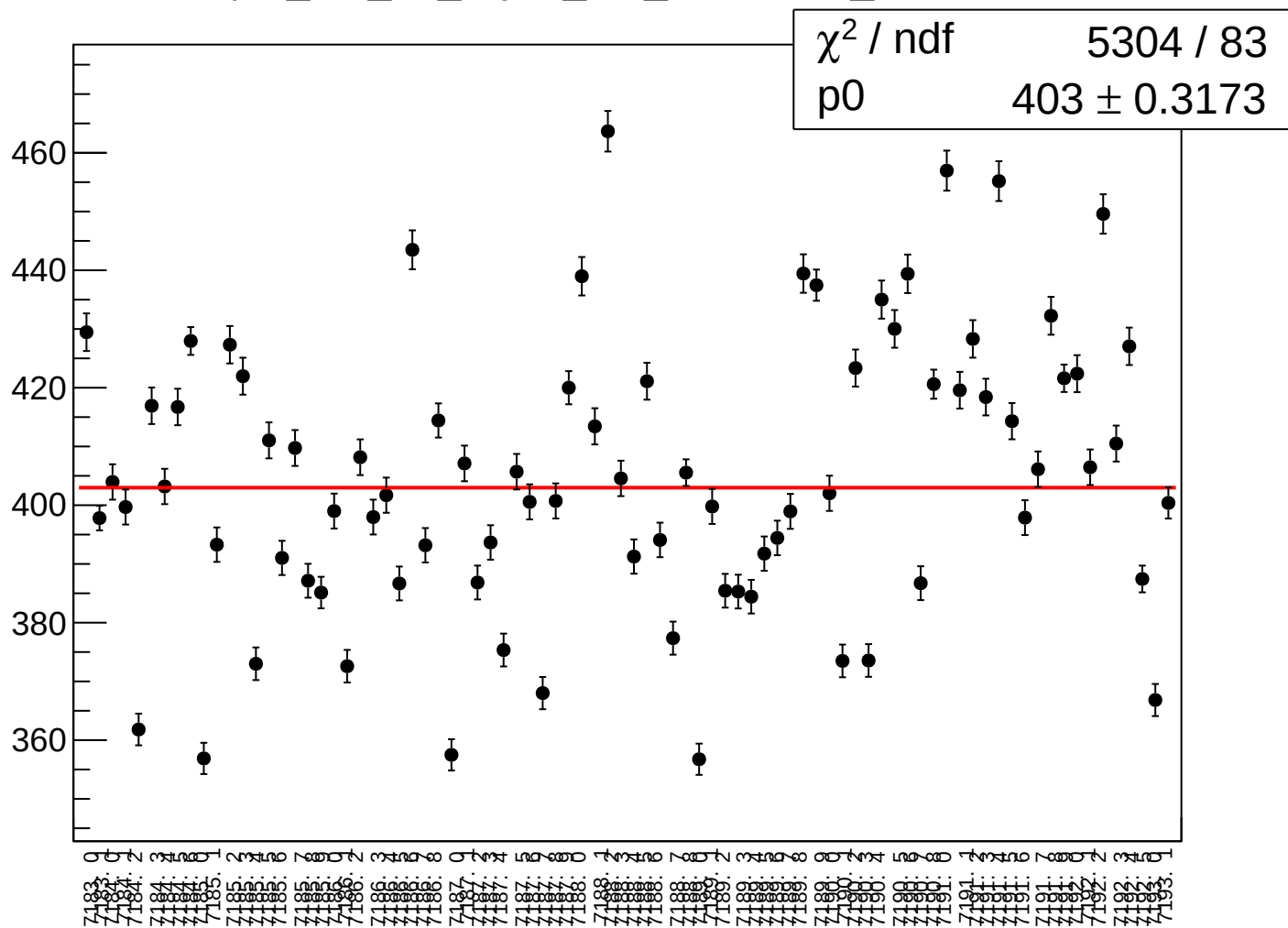
eigen_cor_asym_at1_dd_rms vs run



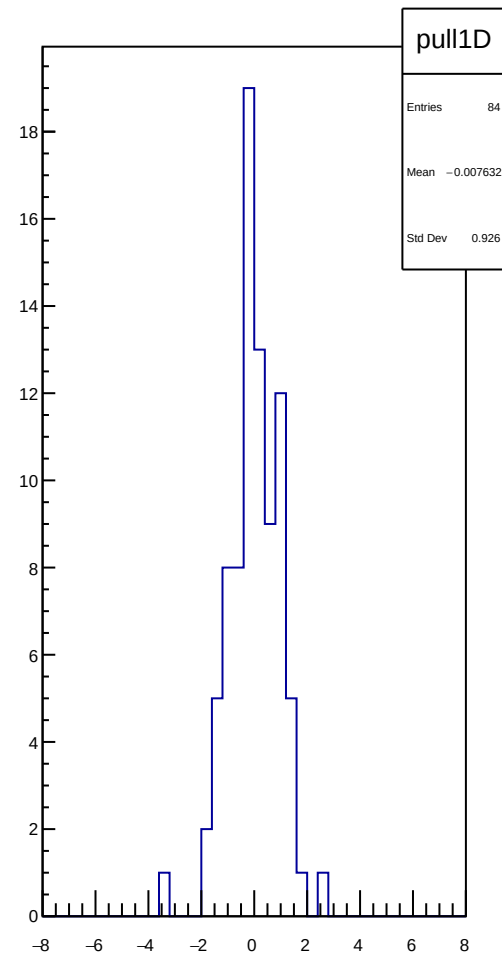
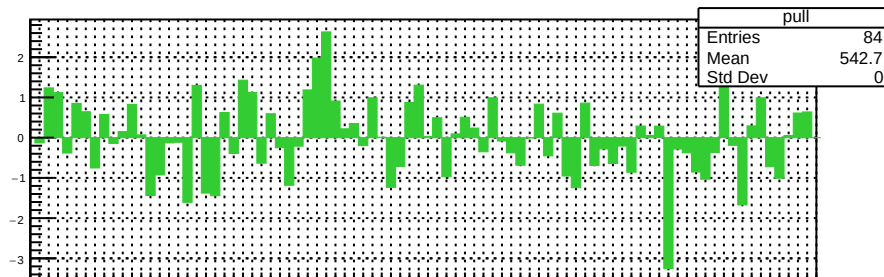
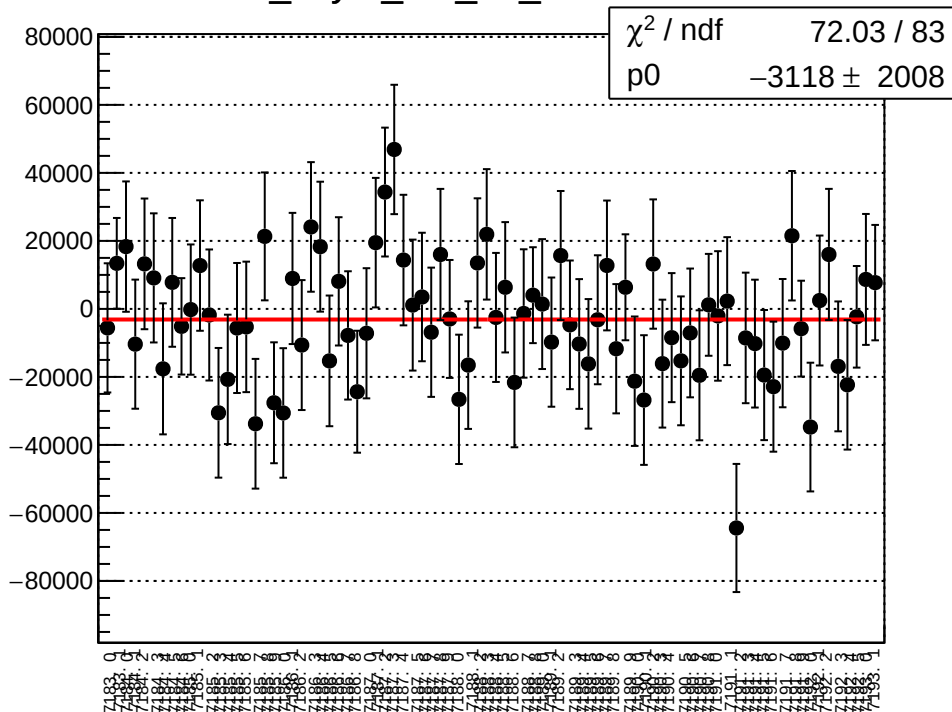
asym_at1_dd_eigen_cor_correction_mean vs run



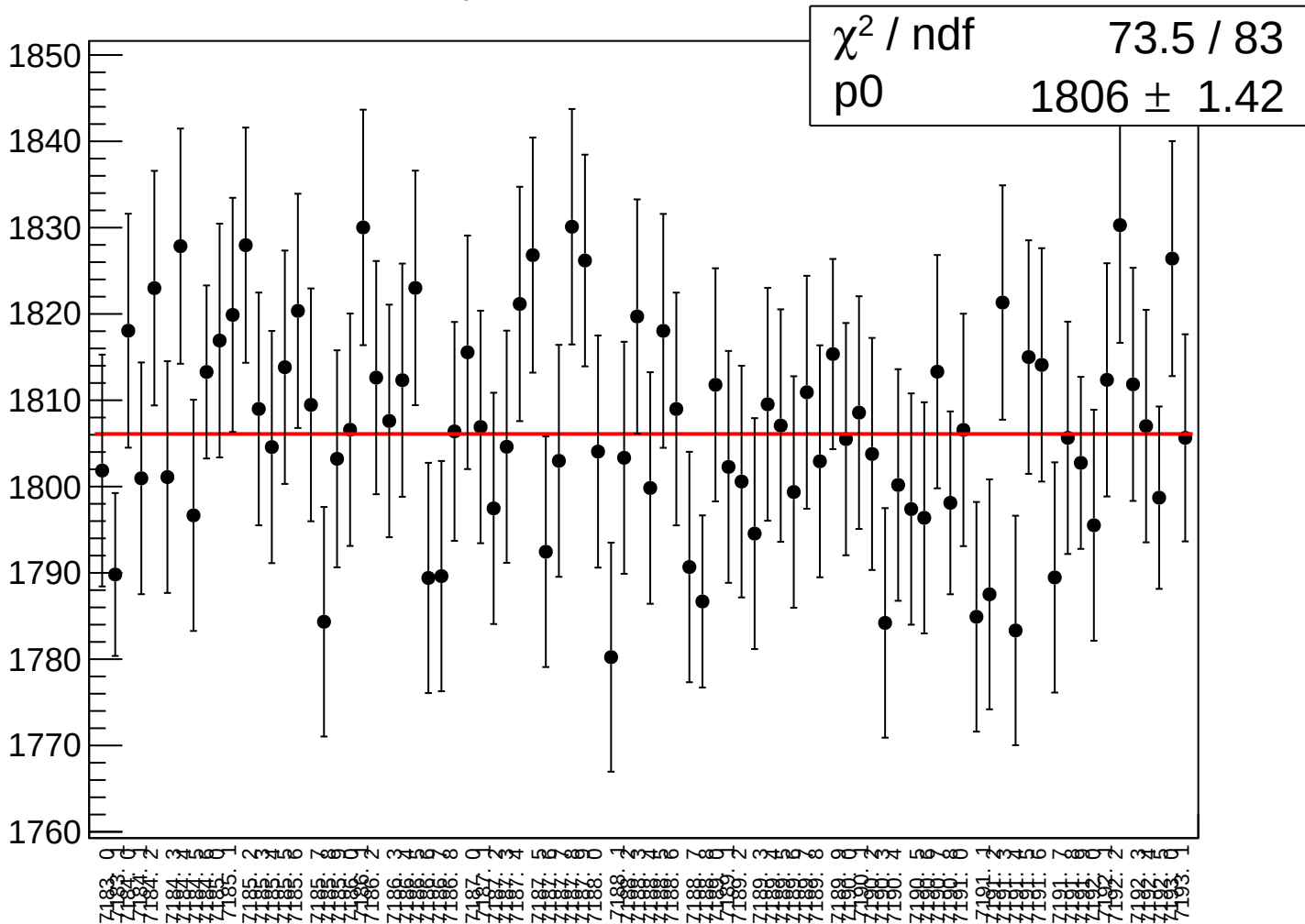
asym_at1_dd_eigen_cor_correction_rms vs run



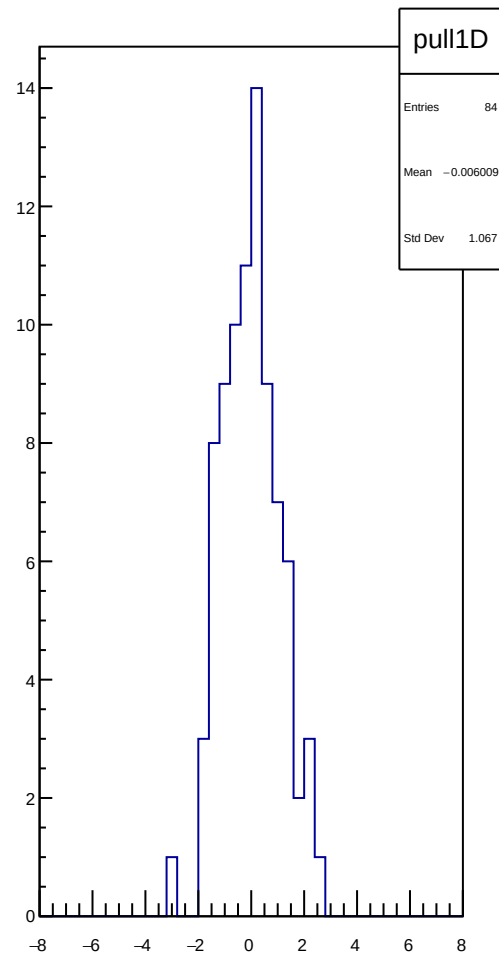
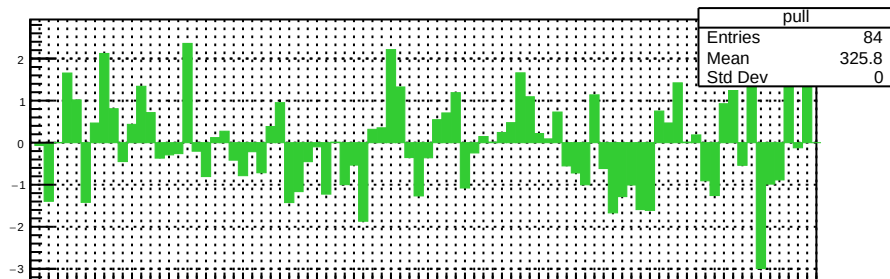
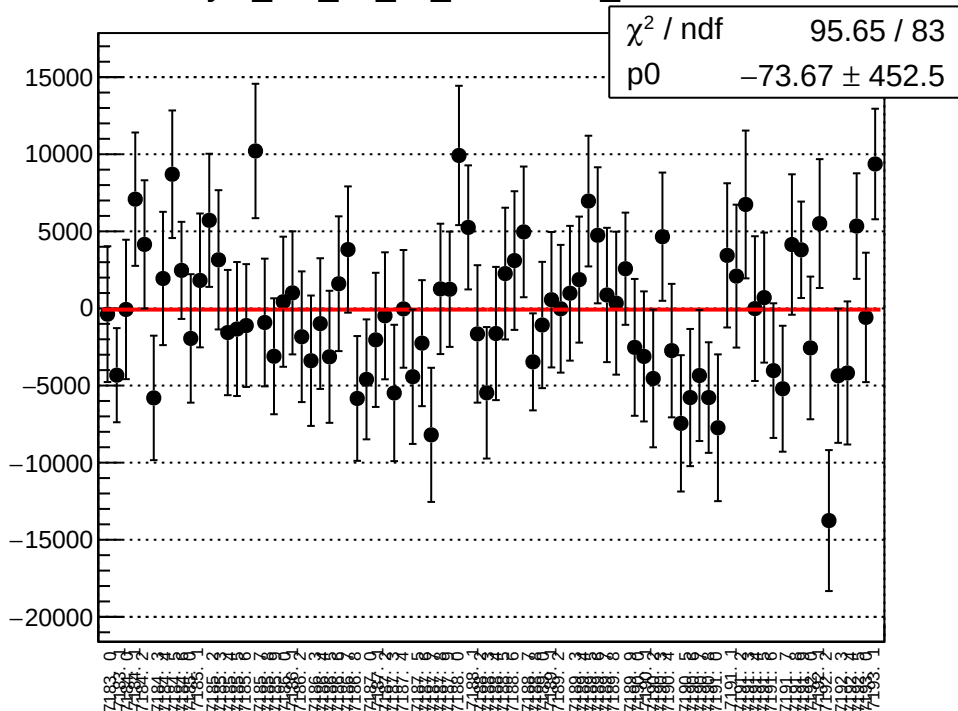
dit_asym_at1_dd_mean vs run



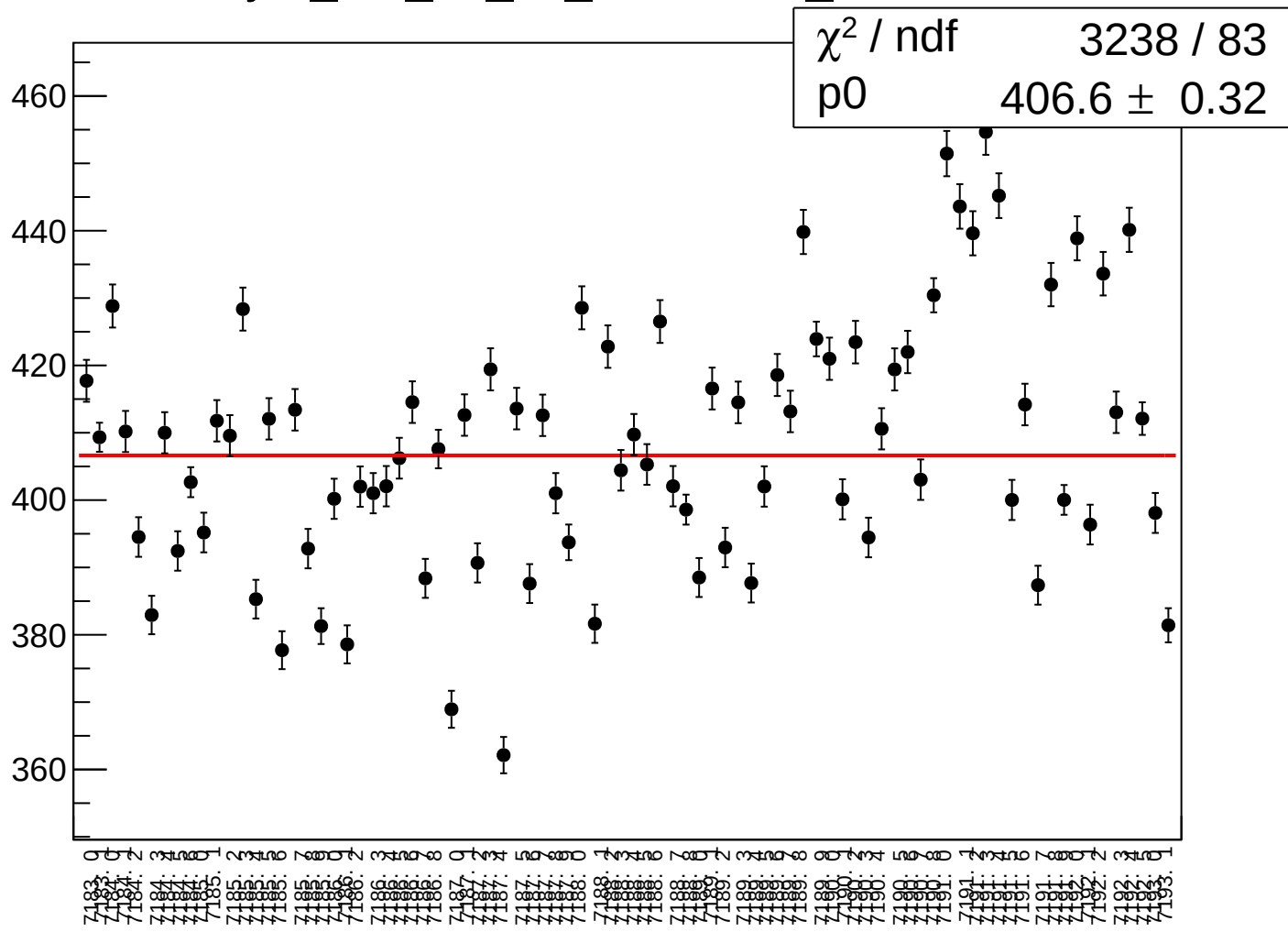
dit_asym_at1_dd_rms vs run



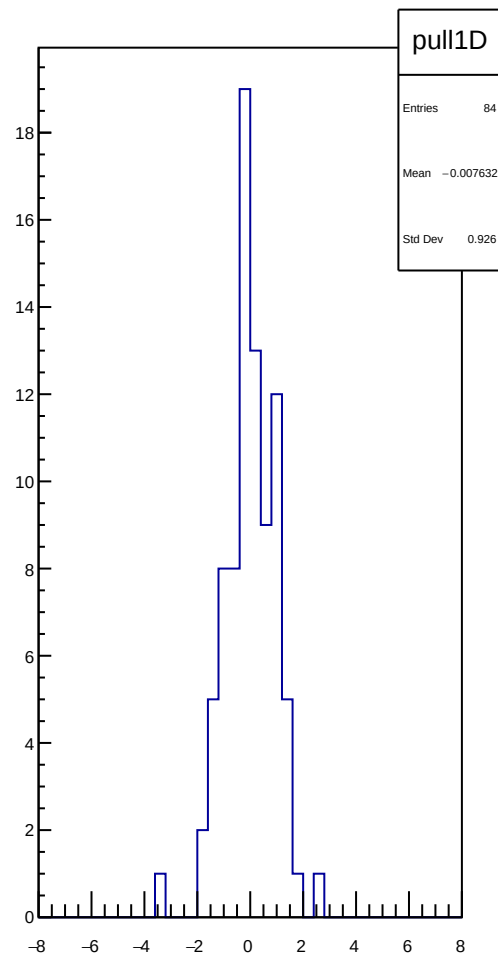
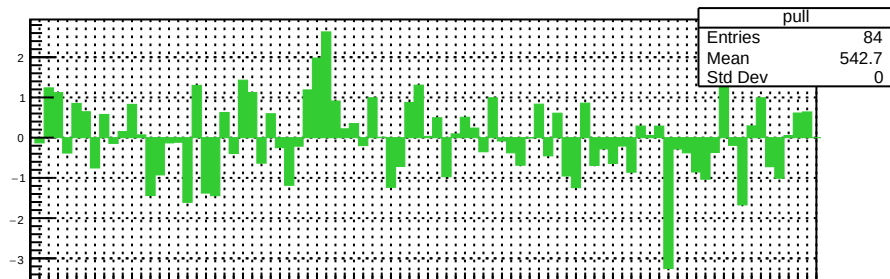
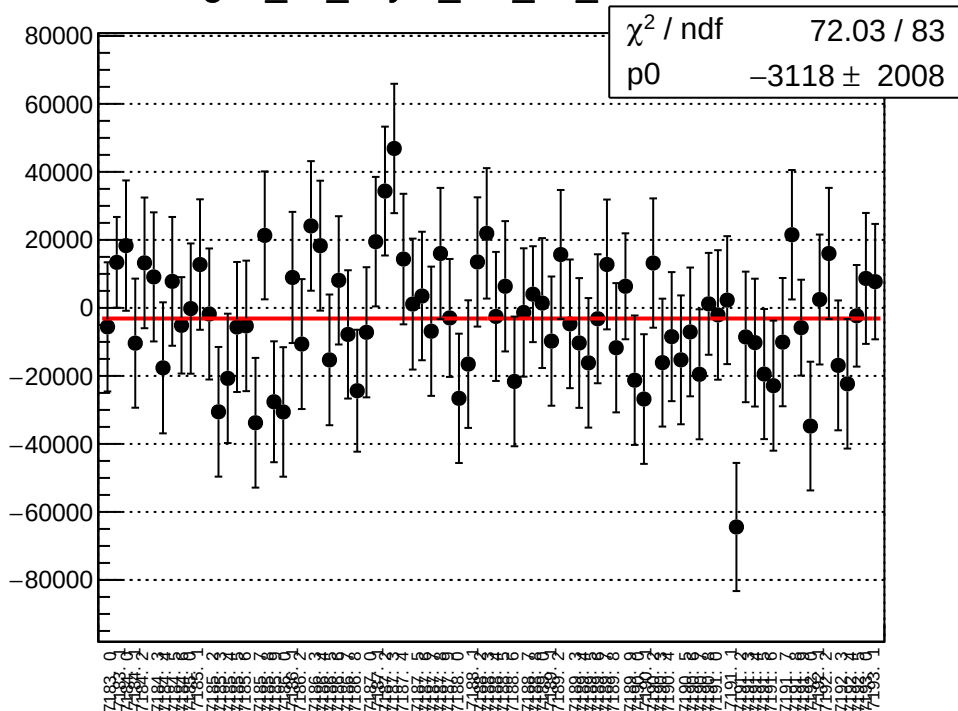
asym_at1_dd_dit_correction_mean vs run



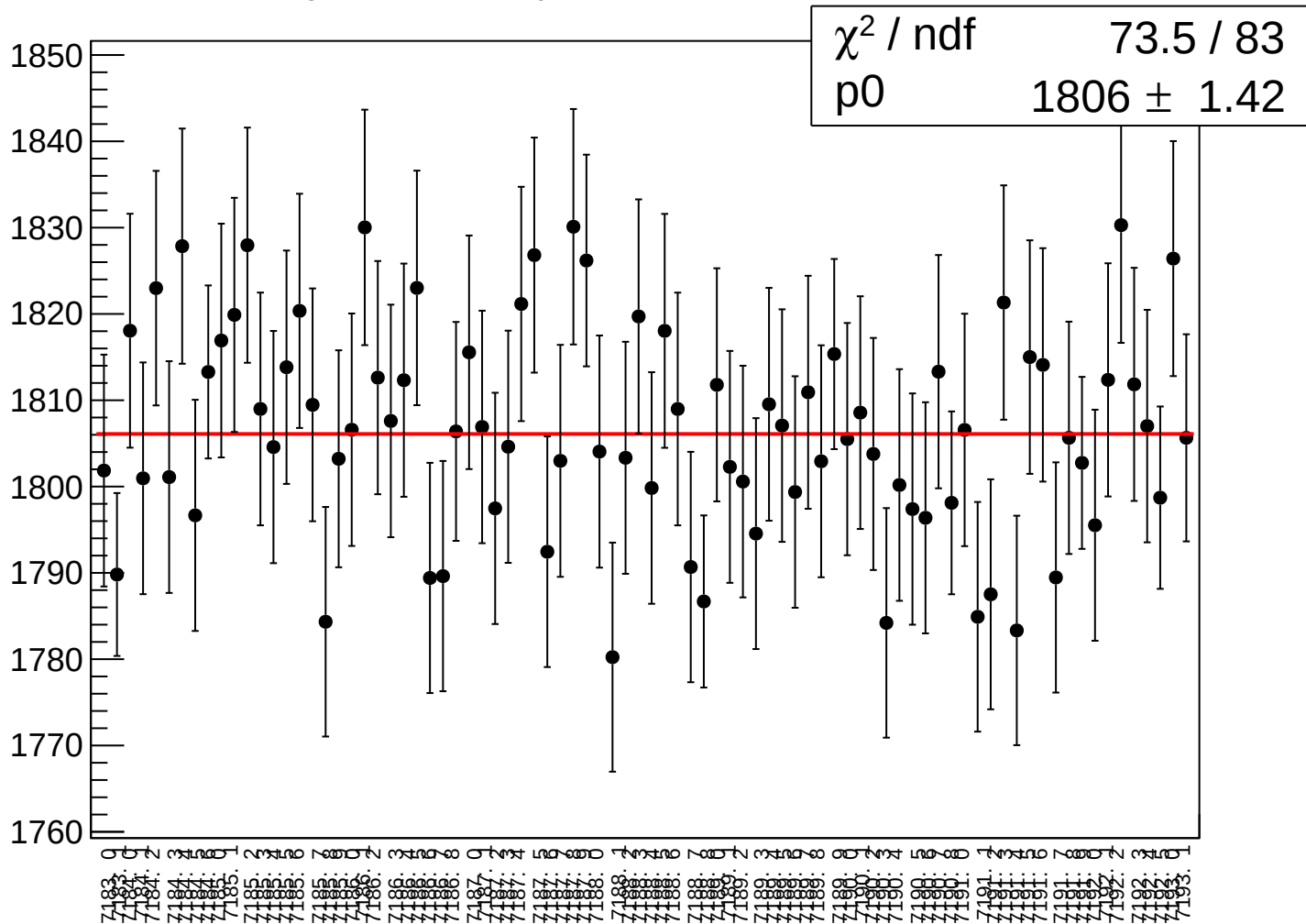
asym_at1_dd_dit_correction_rms vs run



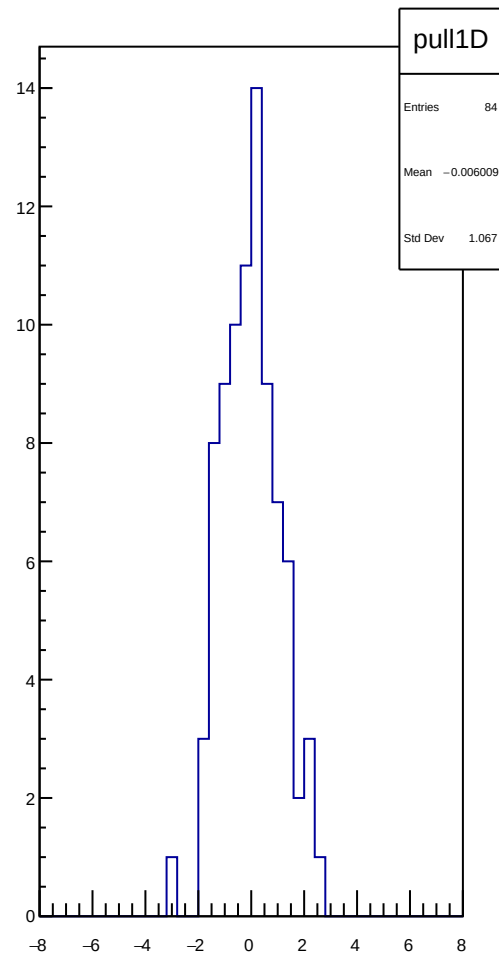
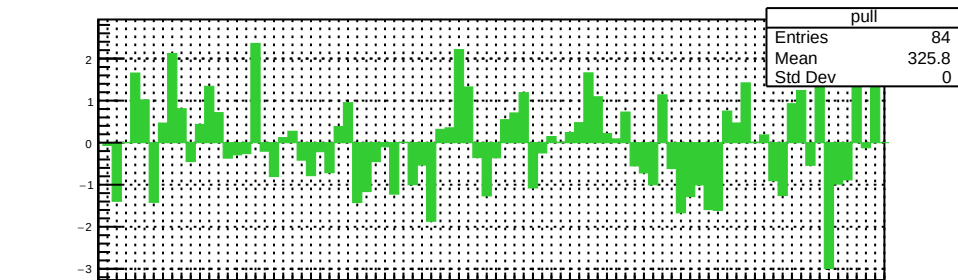
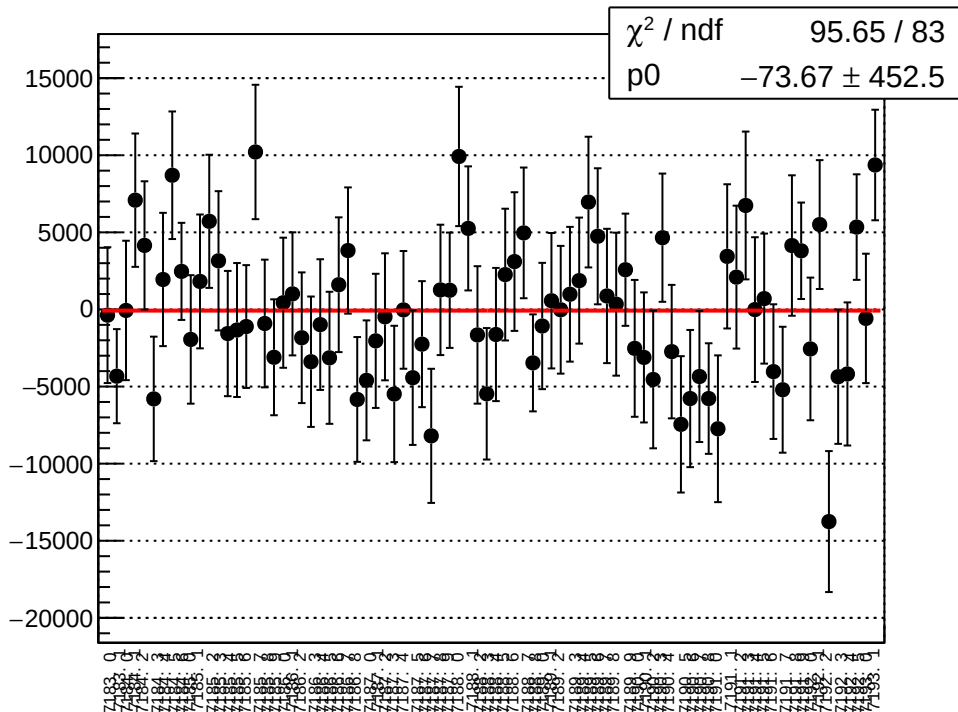
eigen_dit_asym_at1_dd_mean vs run



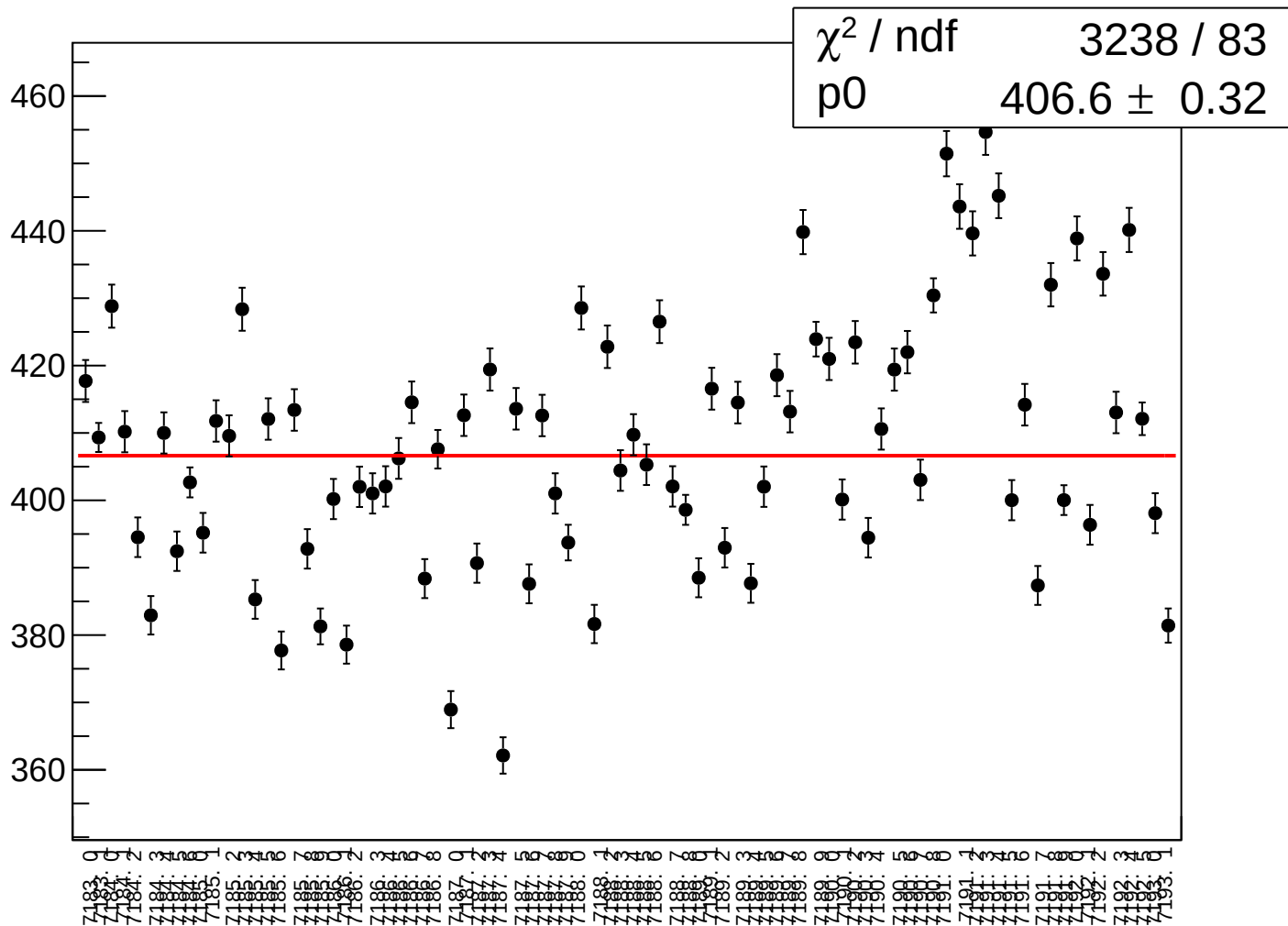
eigen_dit_asym_at1_dd_rms vs run



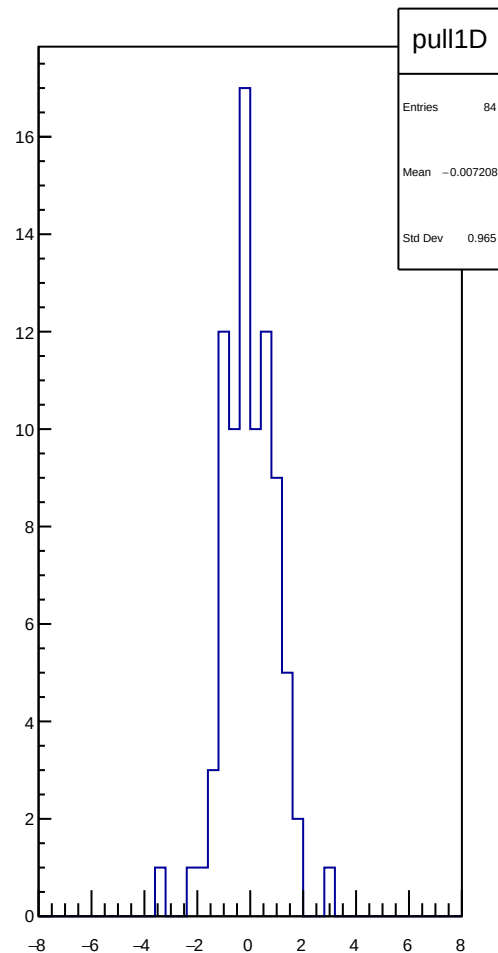
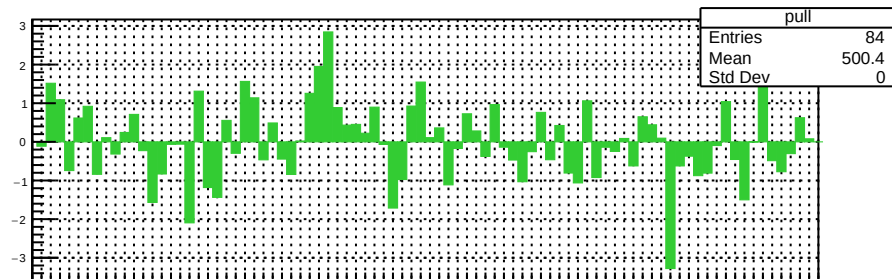
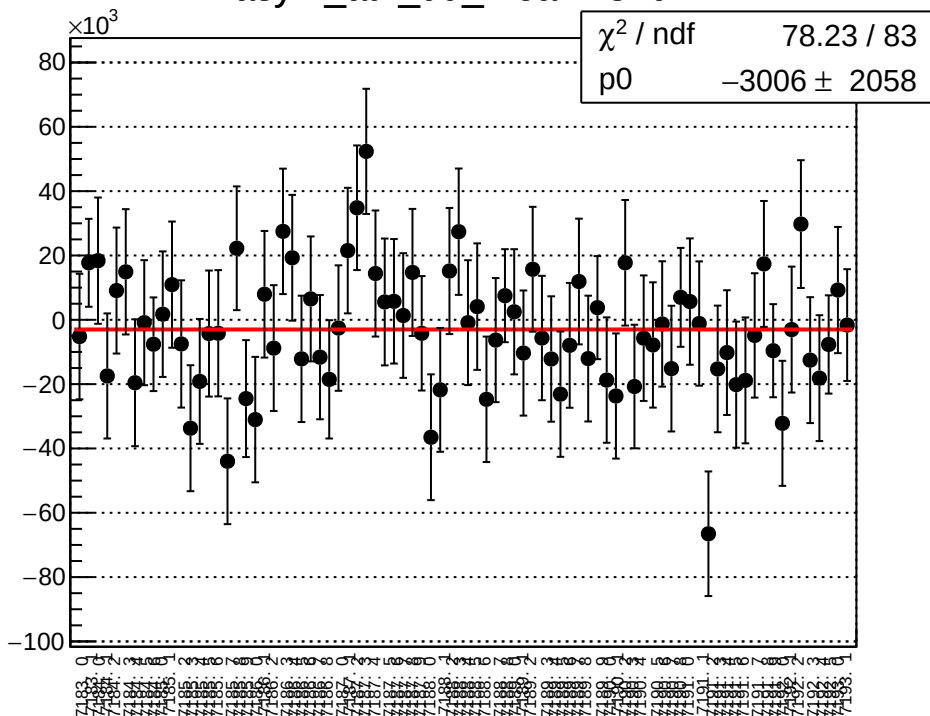
asym_at1_dd_eigen_dit_correction_mean vs run



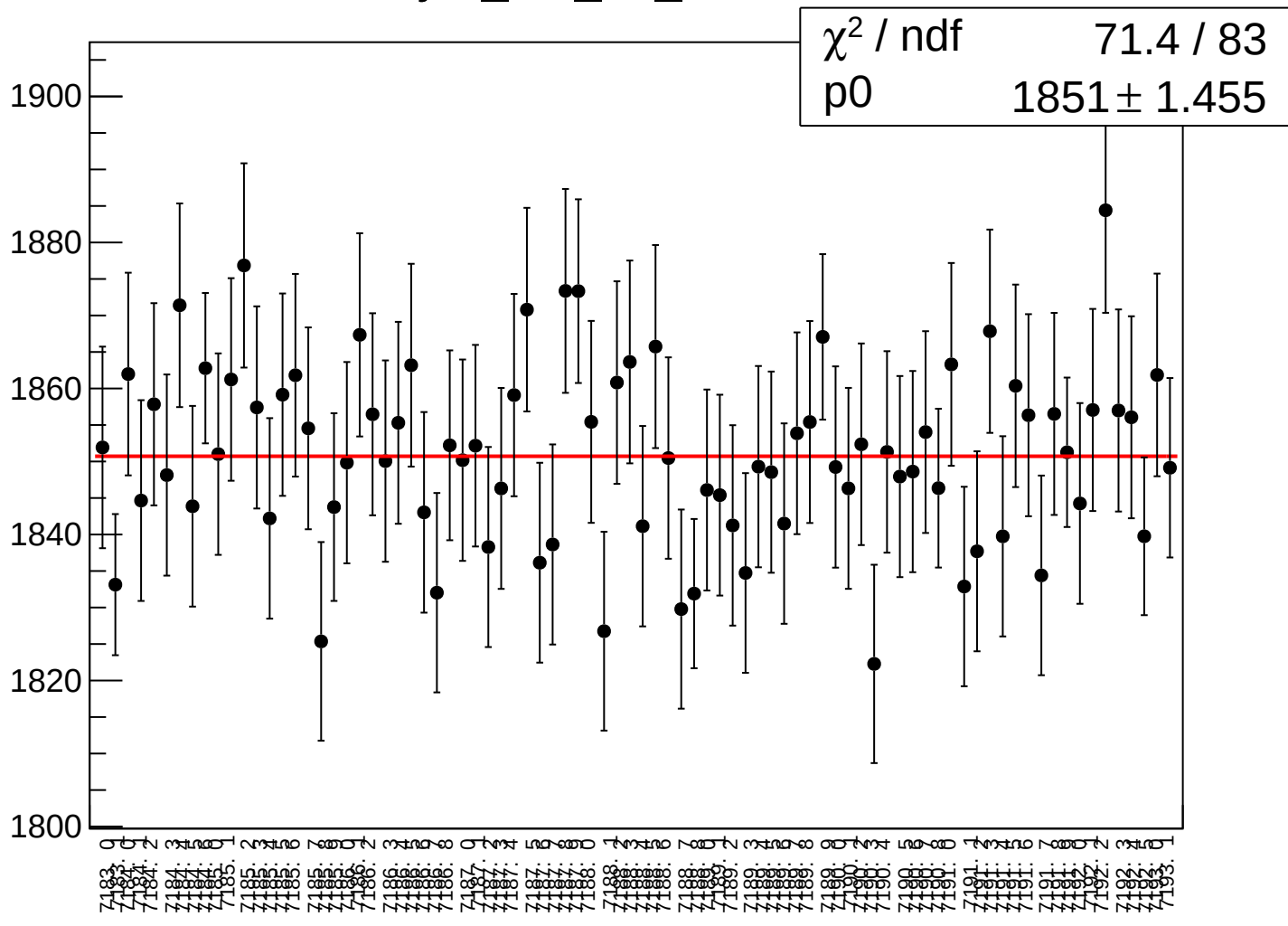
asym_at1_dd_eigen_dit_correction_rms vs run



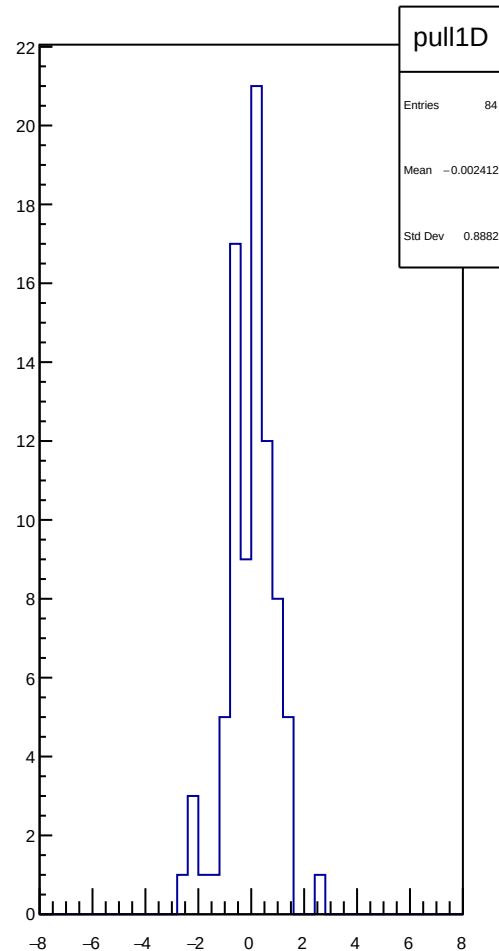
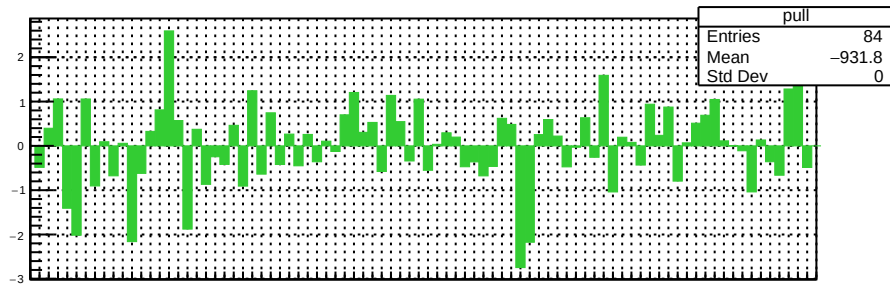
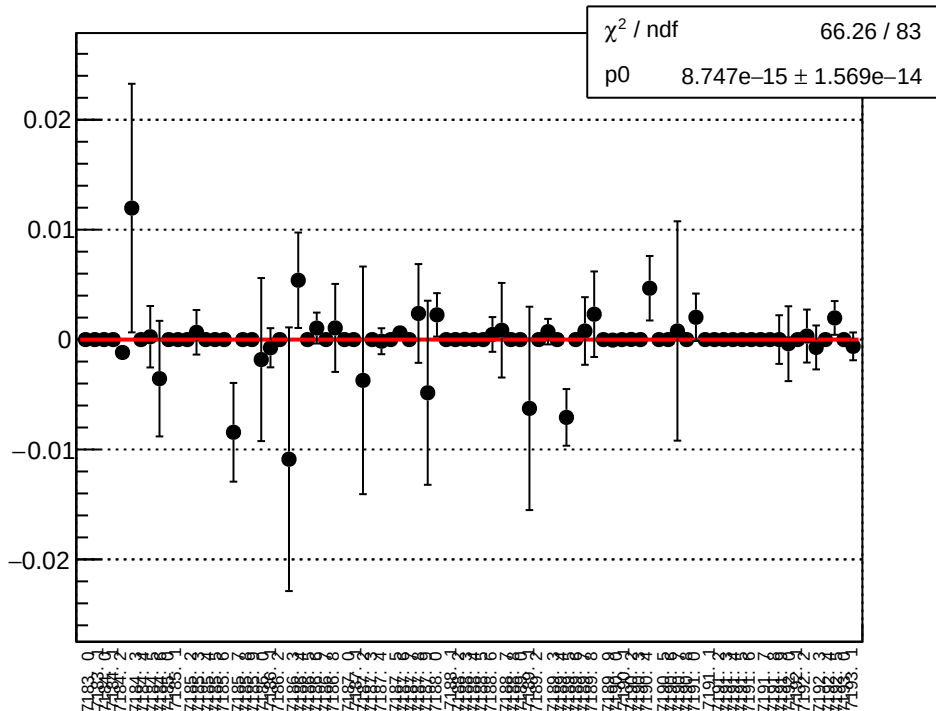
asym_at1_dd_mean vs run



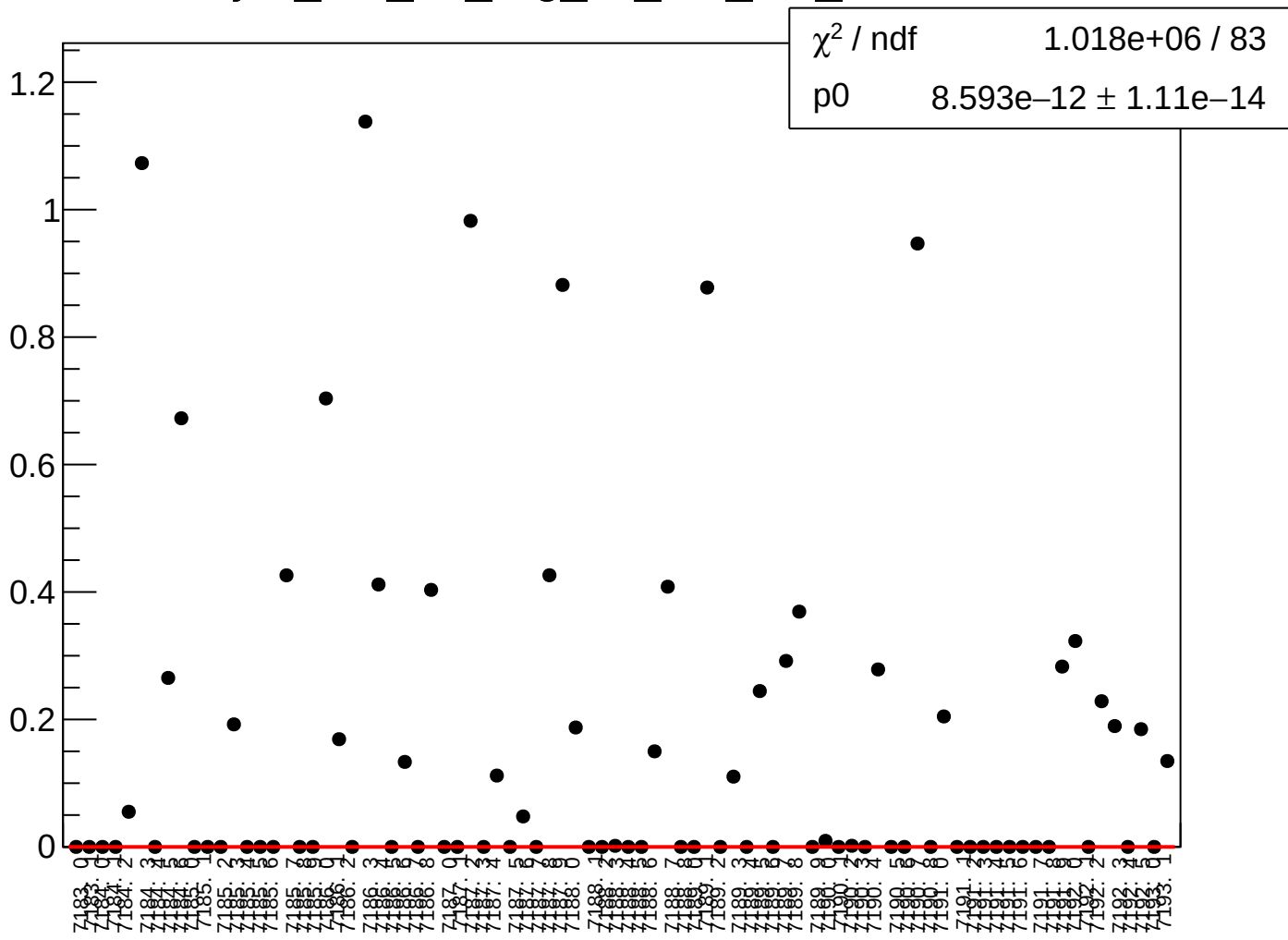
asym_at1_dd_rms vs run



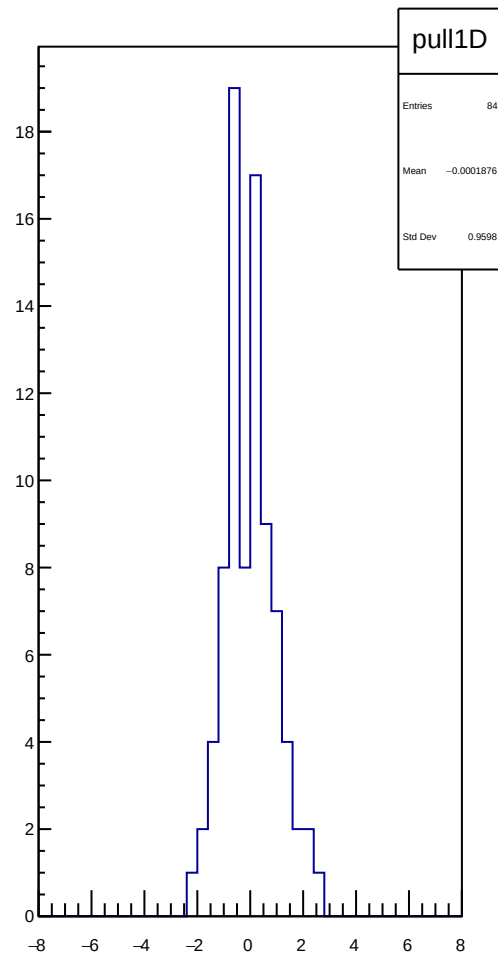
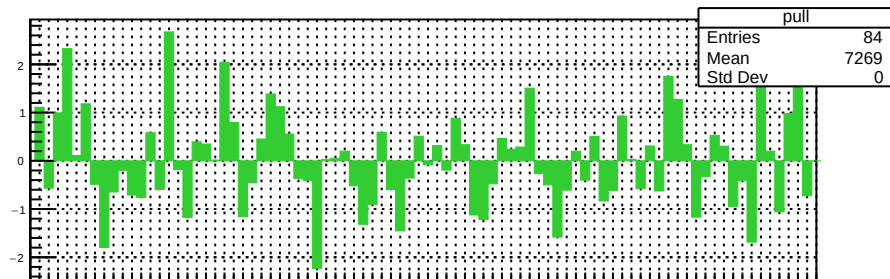
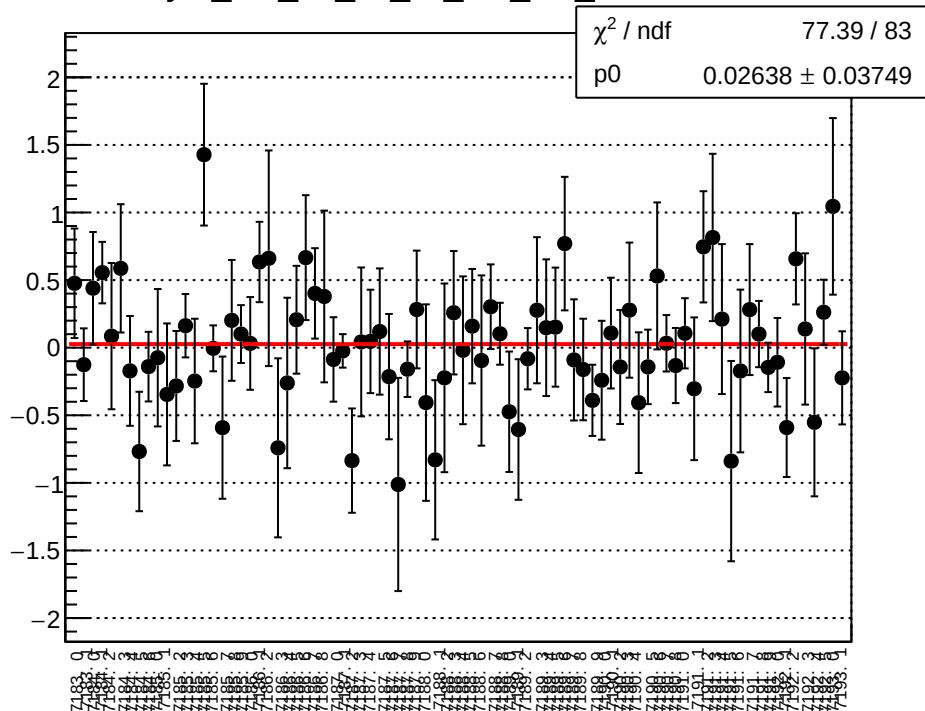
asym_at1_dd_reg_vs_cor_diff_mean vs run



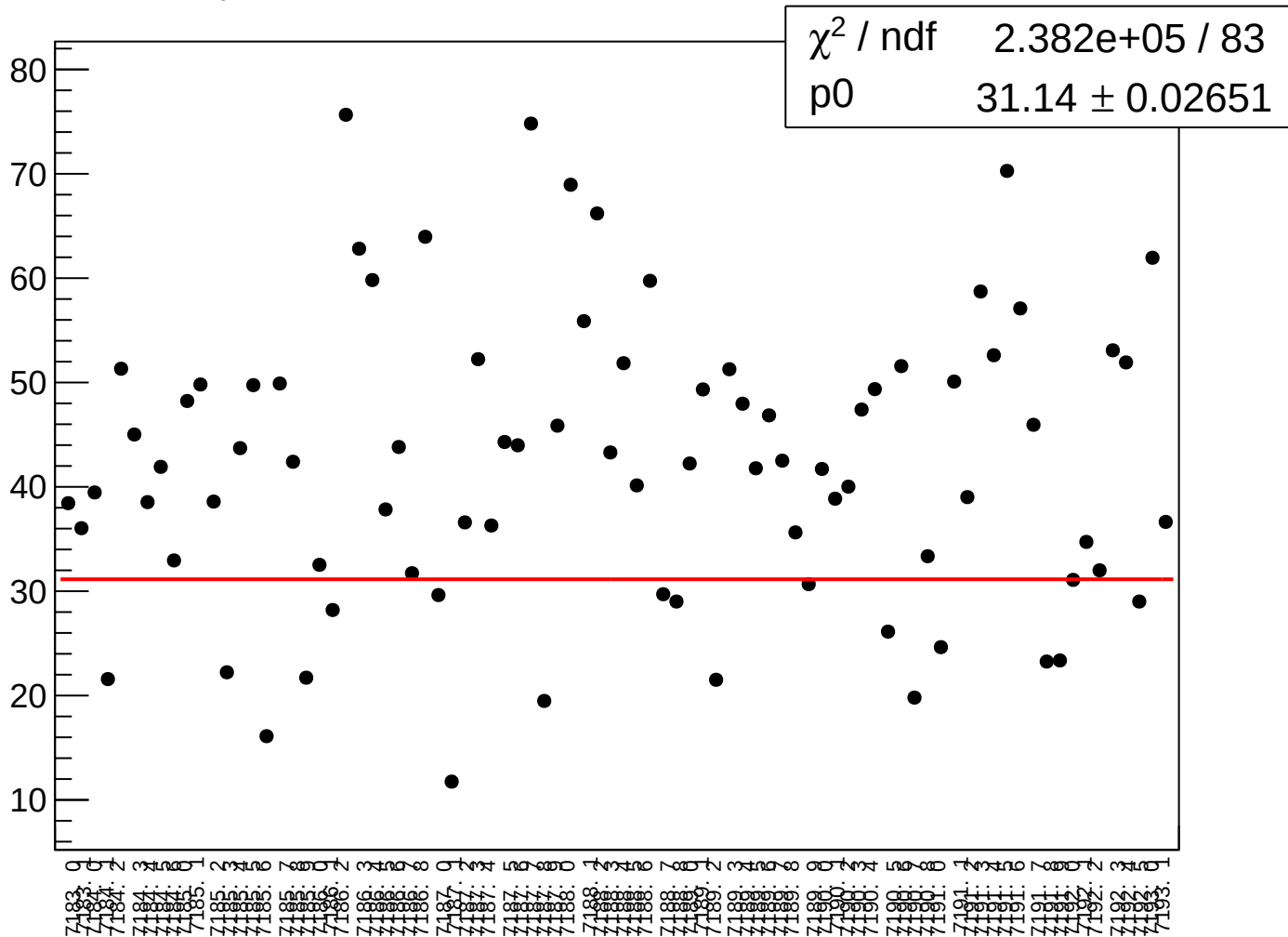
asym at1 dd reg vs cor diff rms vs run



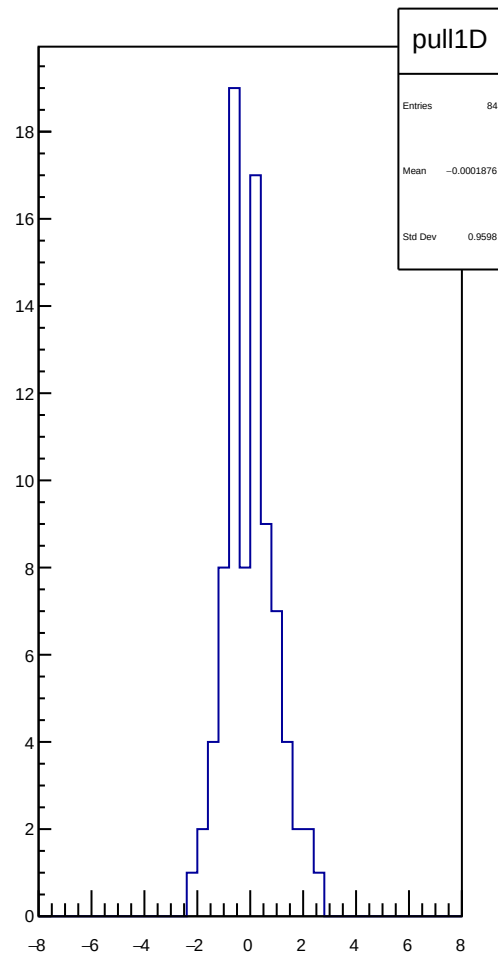
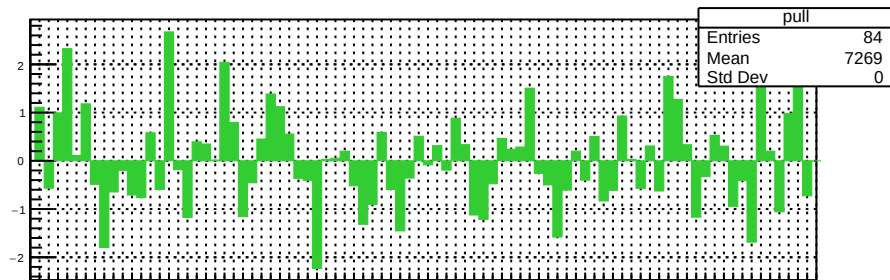
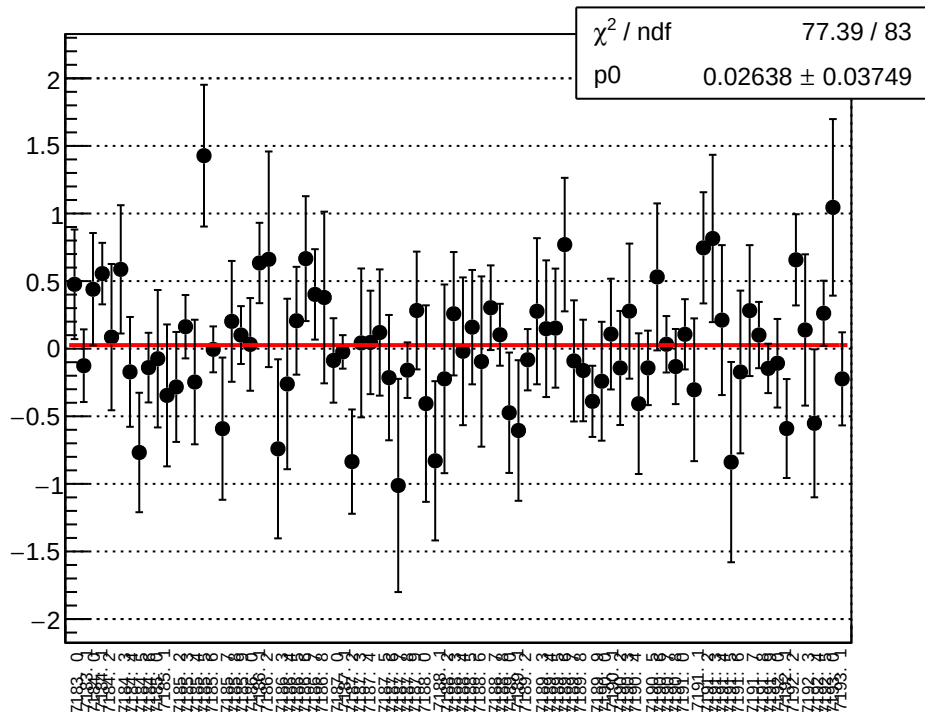
asym_at1_dd_dit_vs_cor_diff_mean vs run



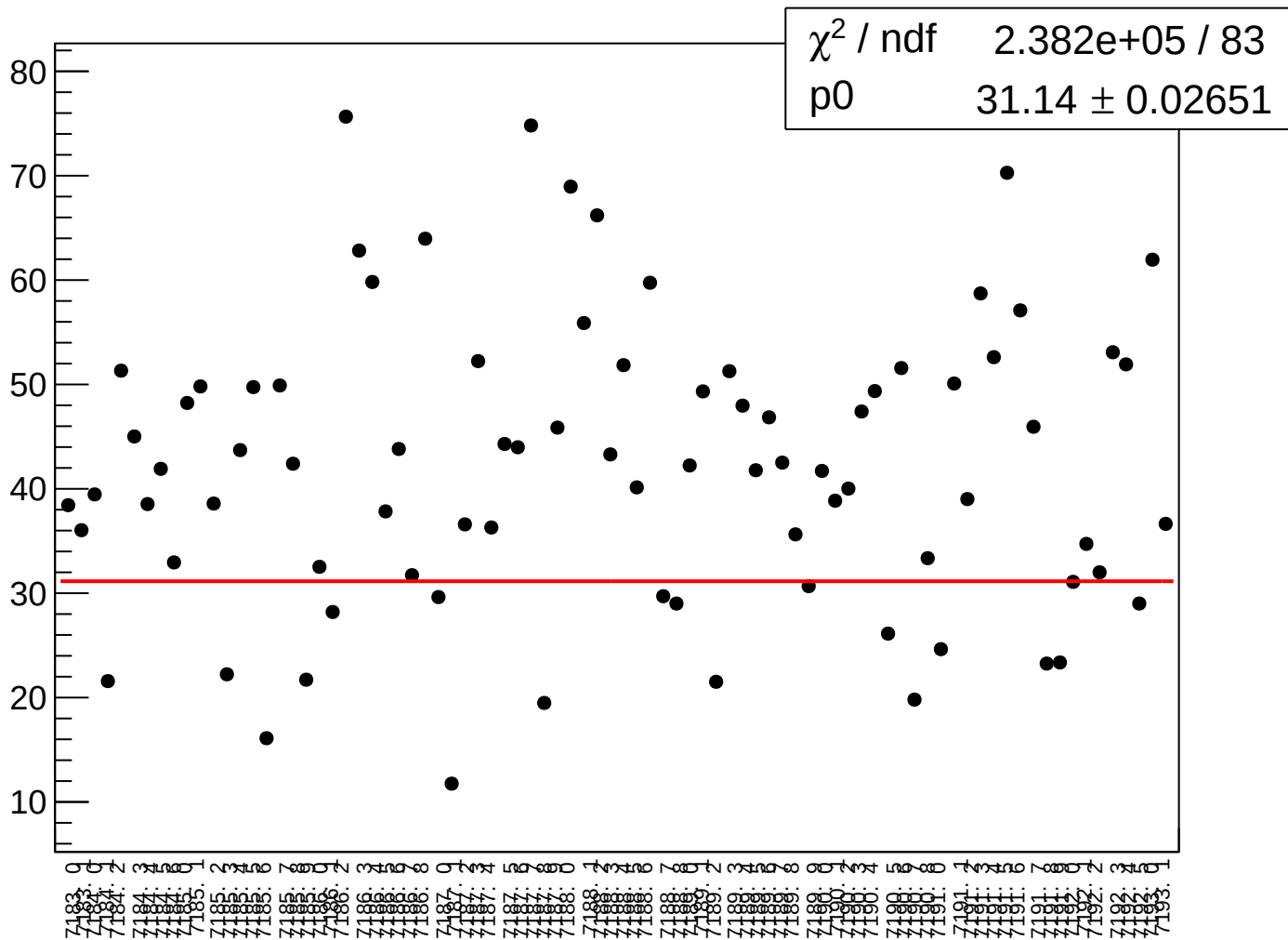
asym_at1_dd_dit_vs_cor_diff_rms vs run



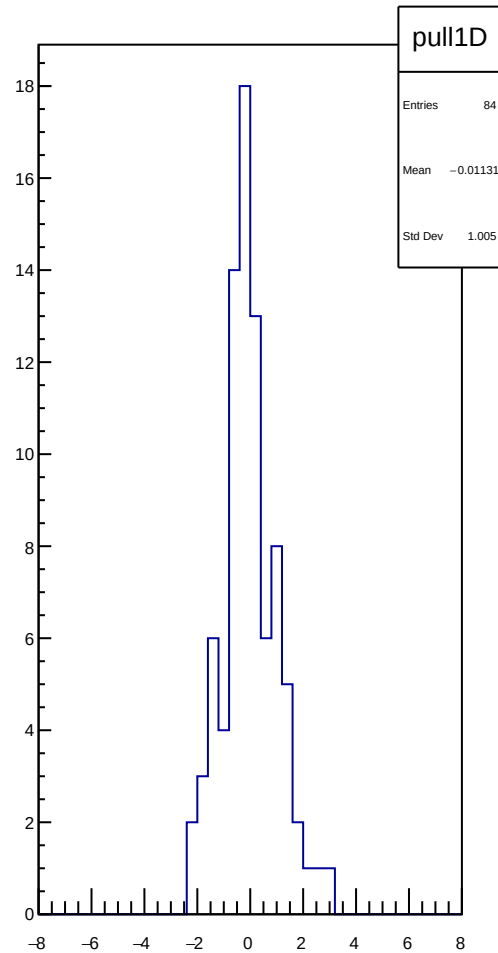
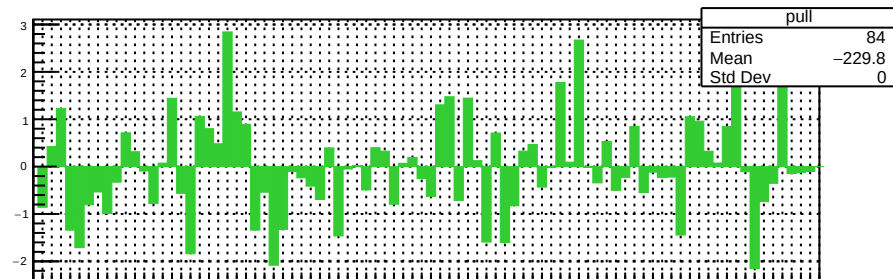
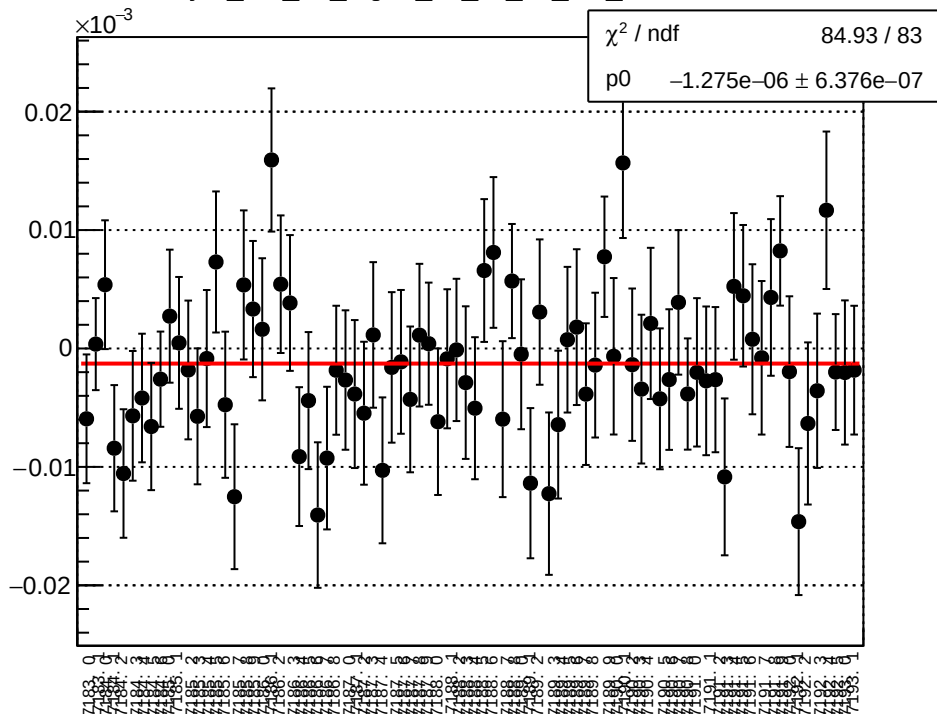
asym_at1_dd_dit_vs_eigen_cor_diff_mean vs run



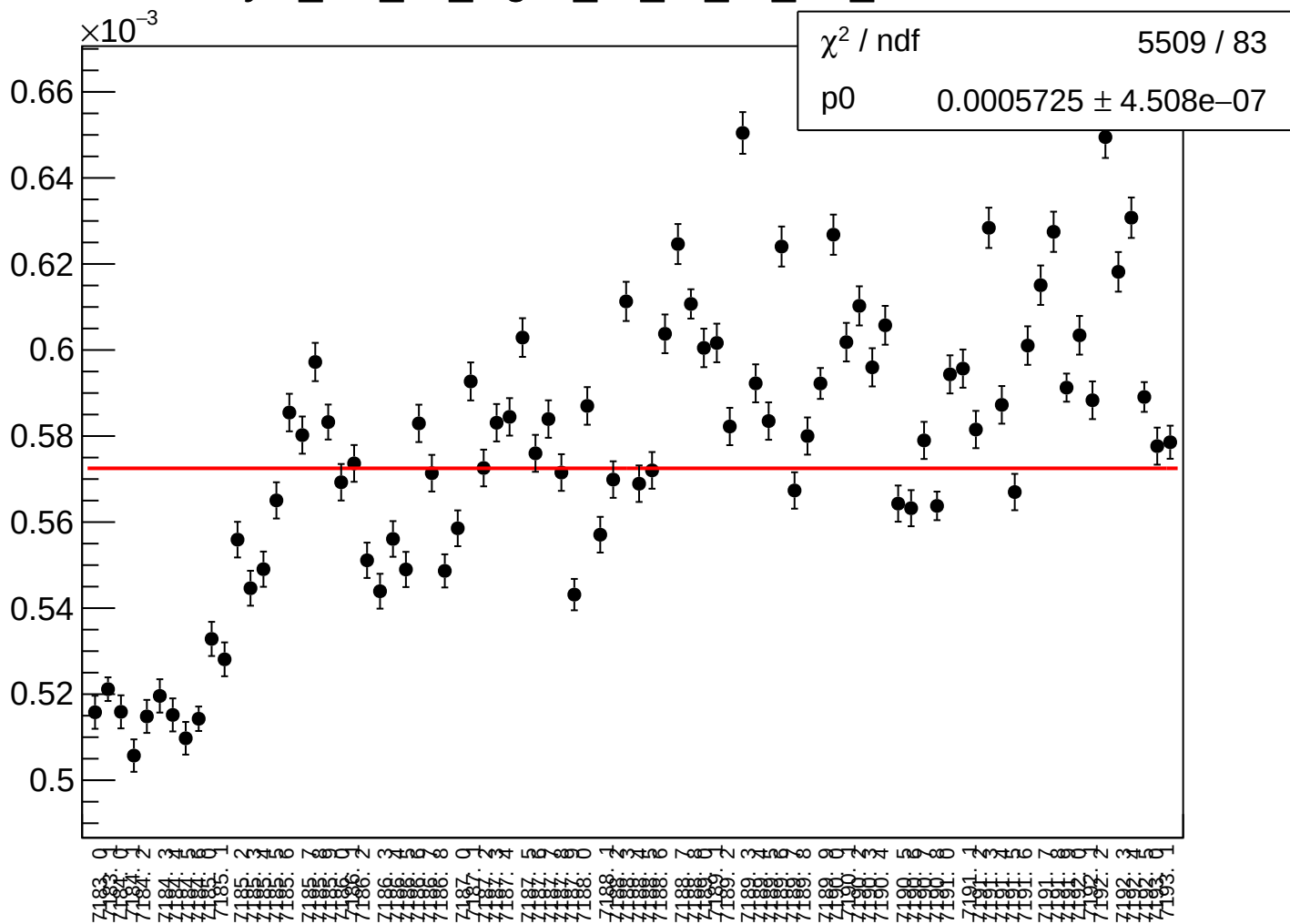
asym_at1_dd_dit_vs_eigen_cor_diff_rms vs run



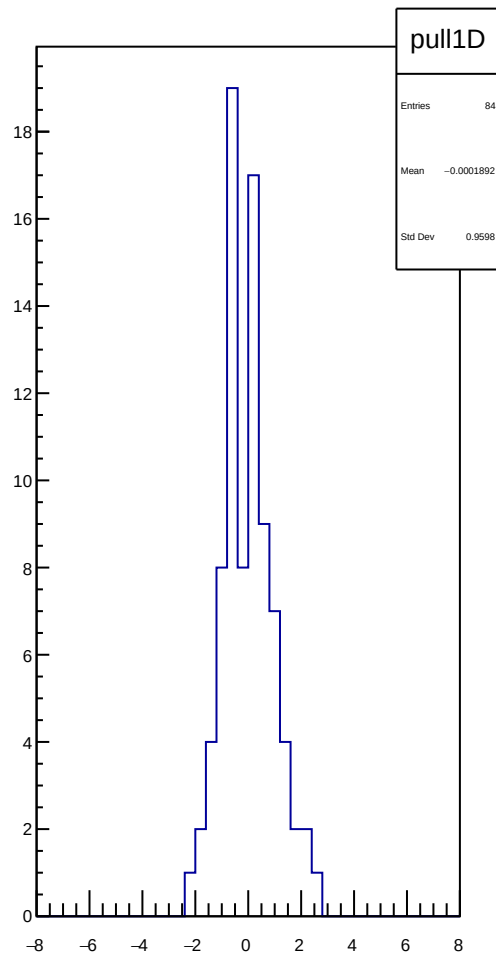
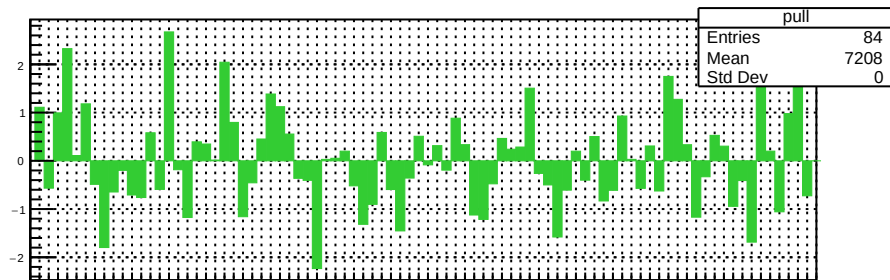
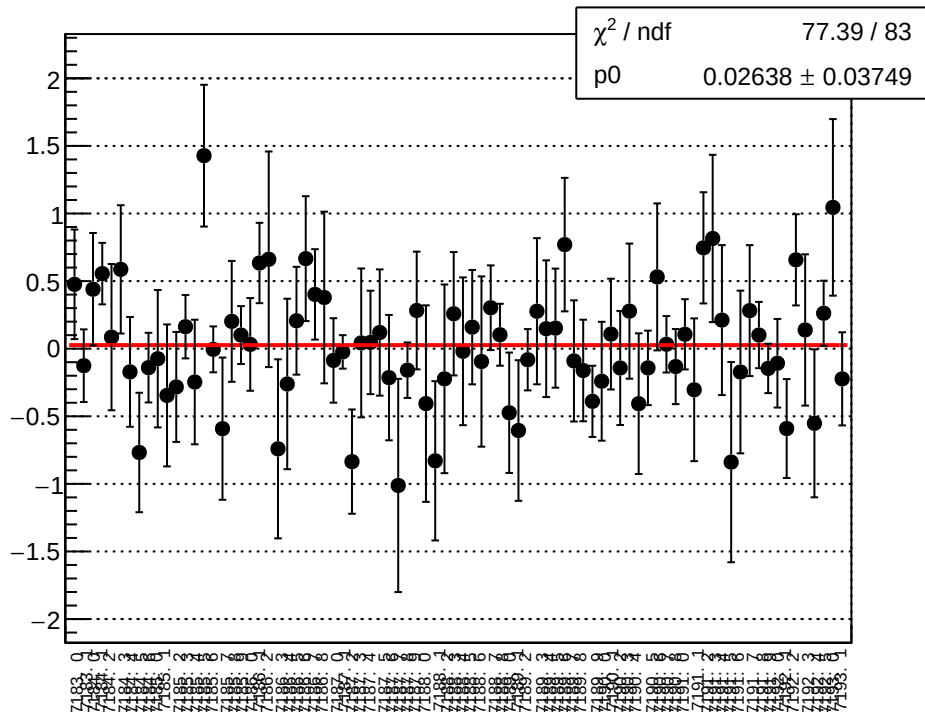
asym_at1_dd_eigen_dit_vs_dit_diff_mean vs run



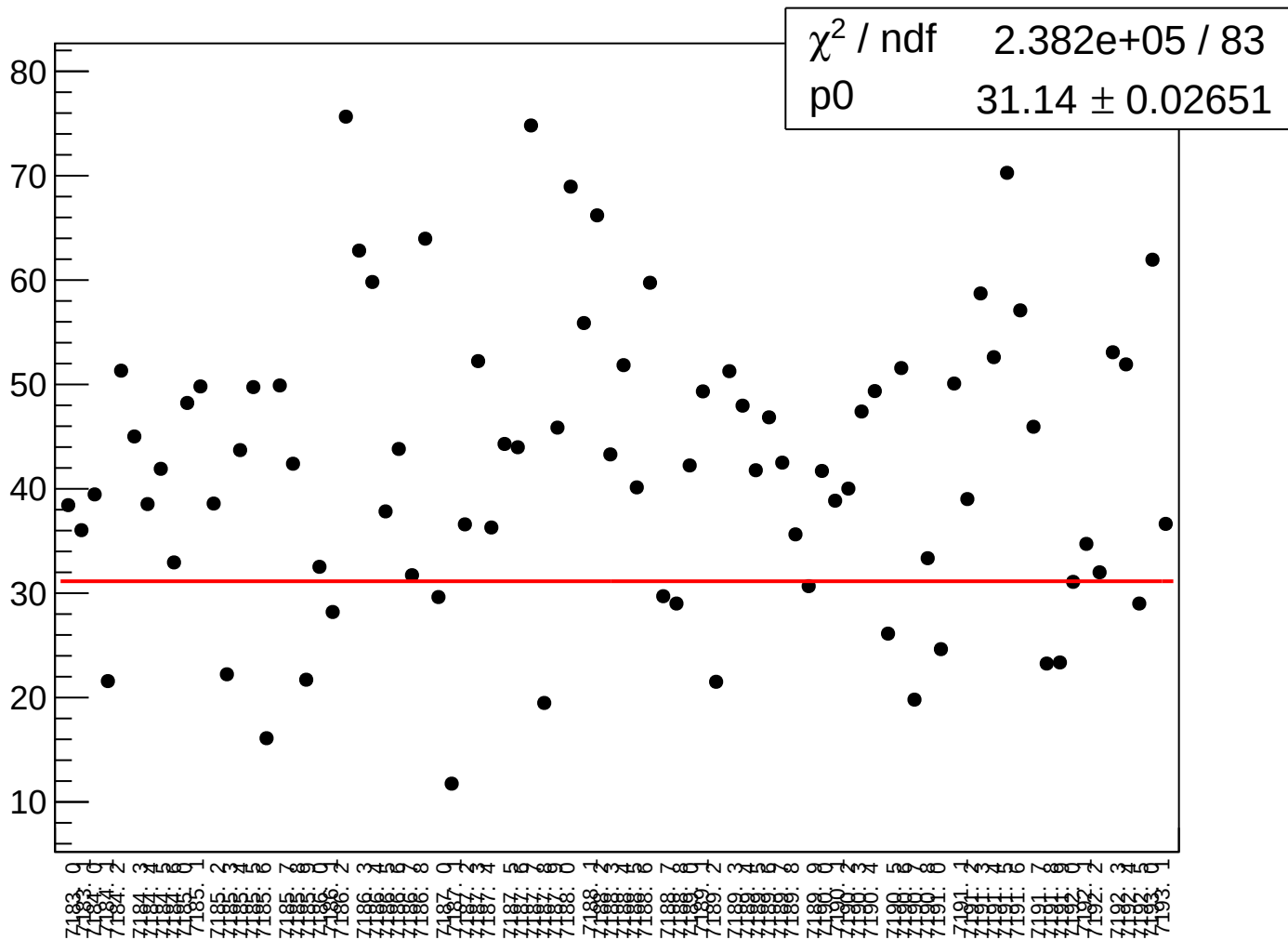
asym_at1_dd_eigen_dit_vs_dit_diff_rms vs run



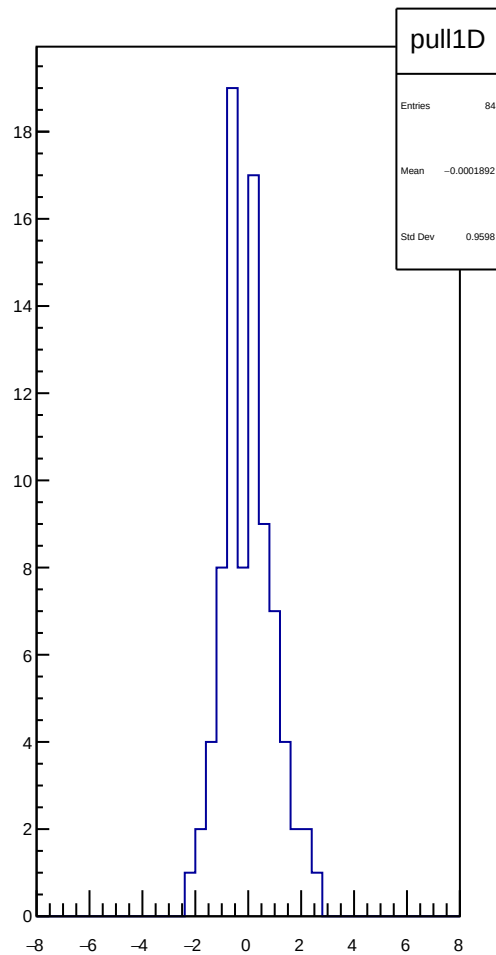
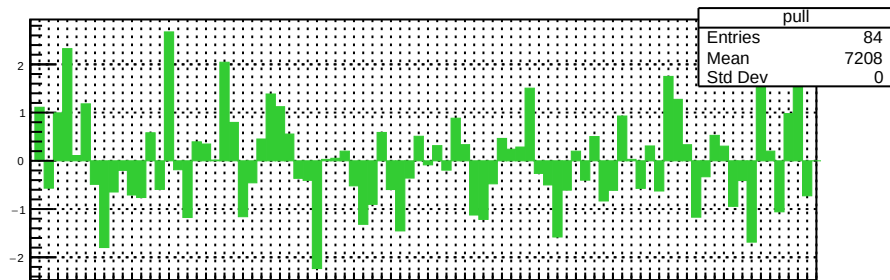
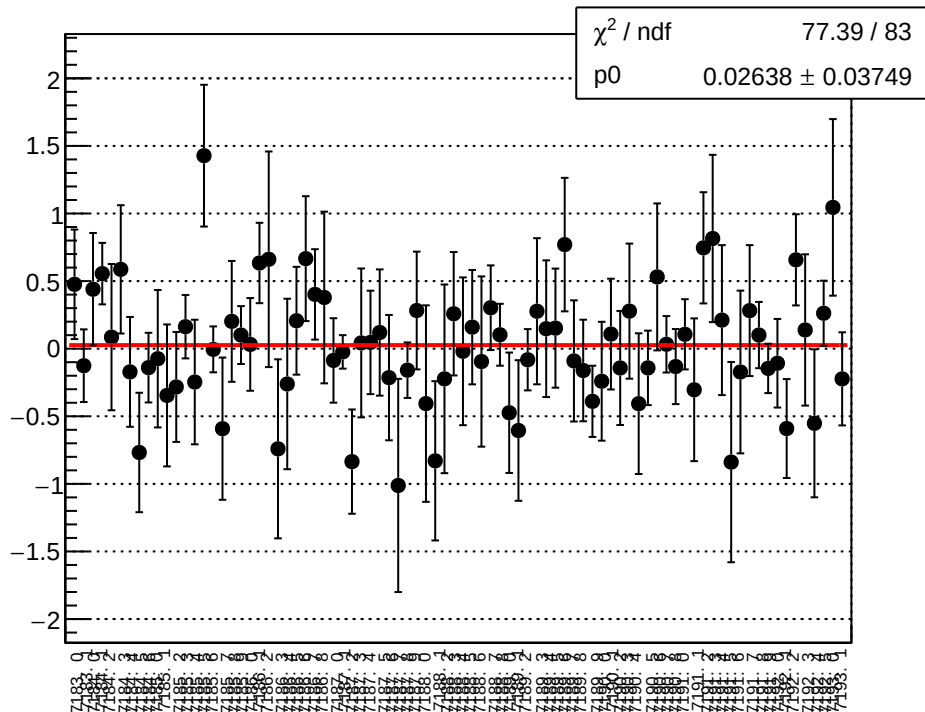
asym_at1_dd_eigen_dit_vs_cor_diff_mean vs run



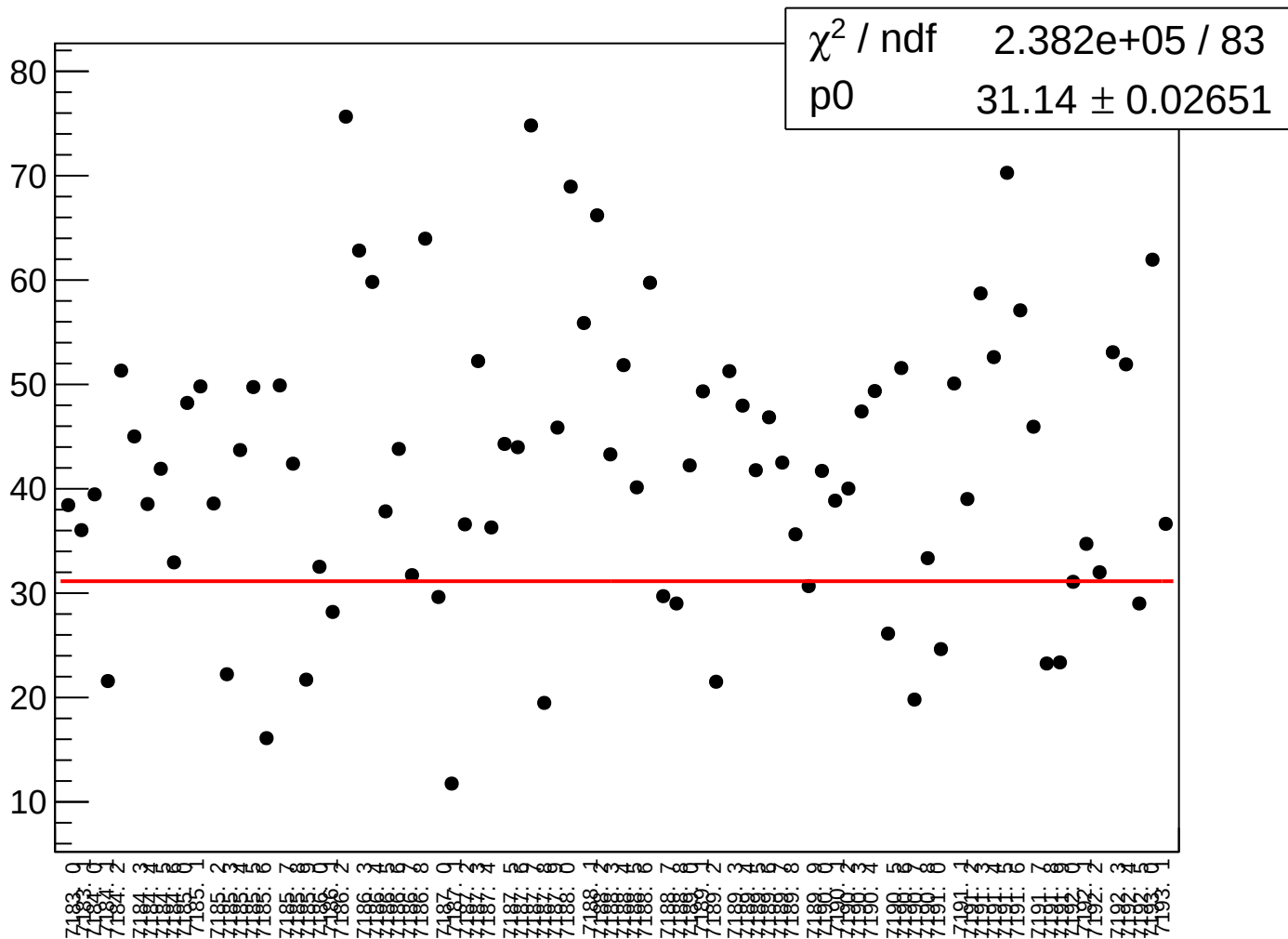
asym_at1_dd_eigen_dit_vs_cor_diff_rms vs run



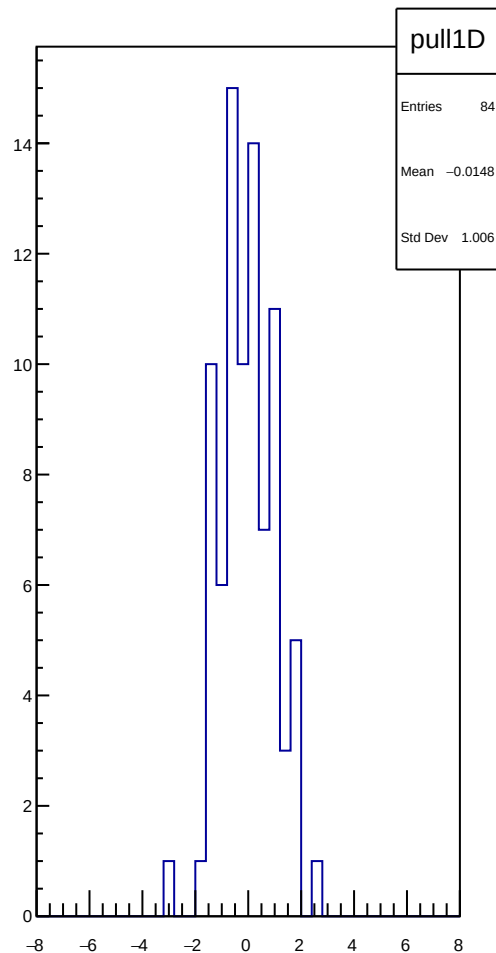
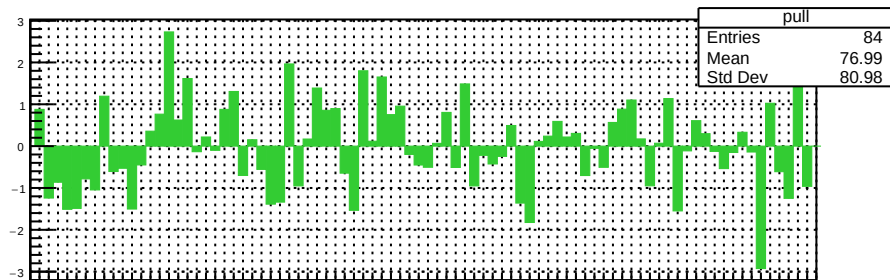
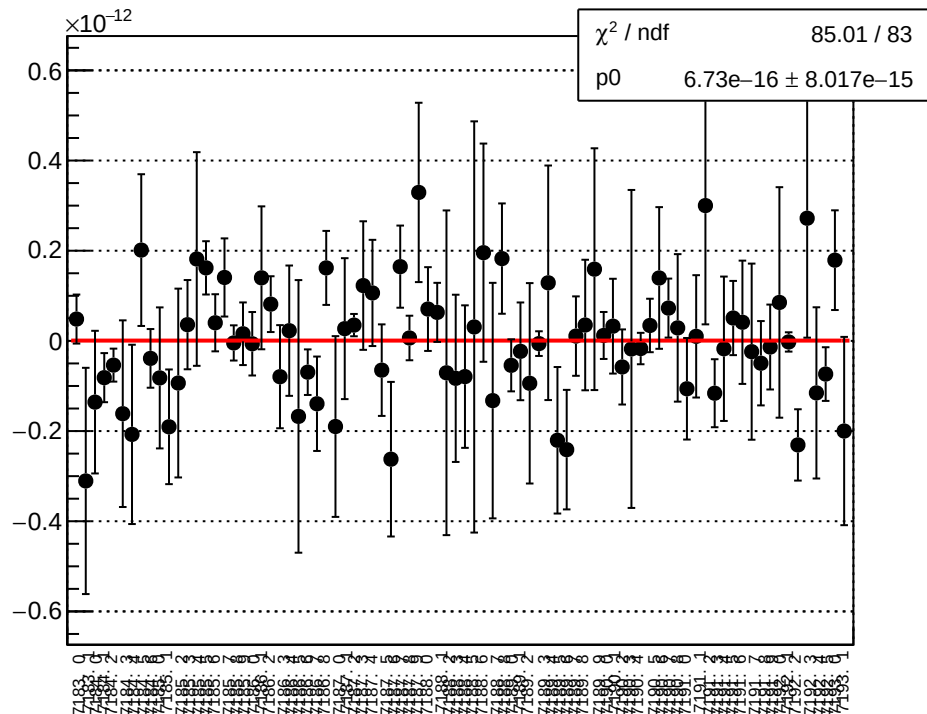
asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



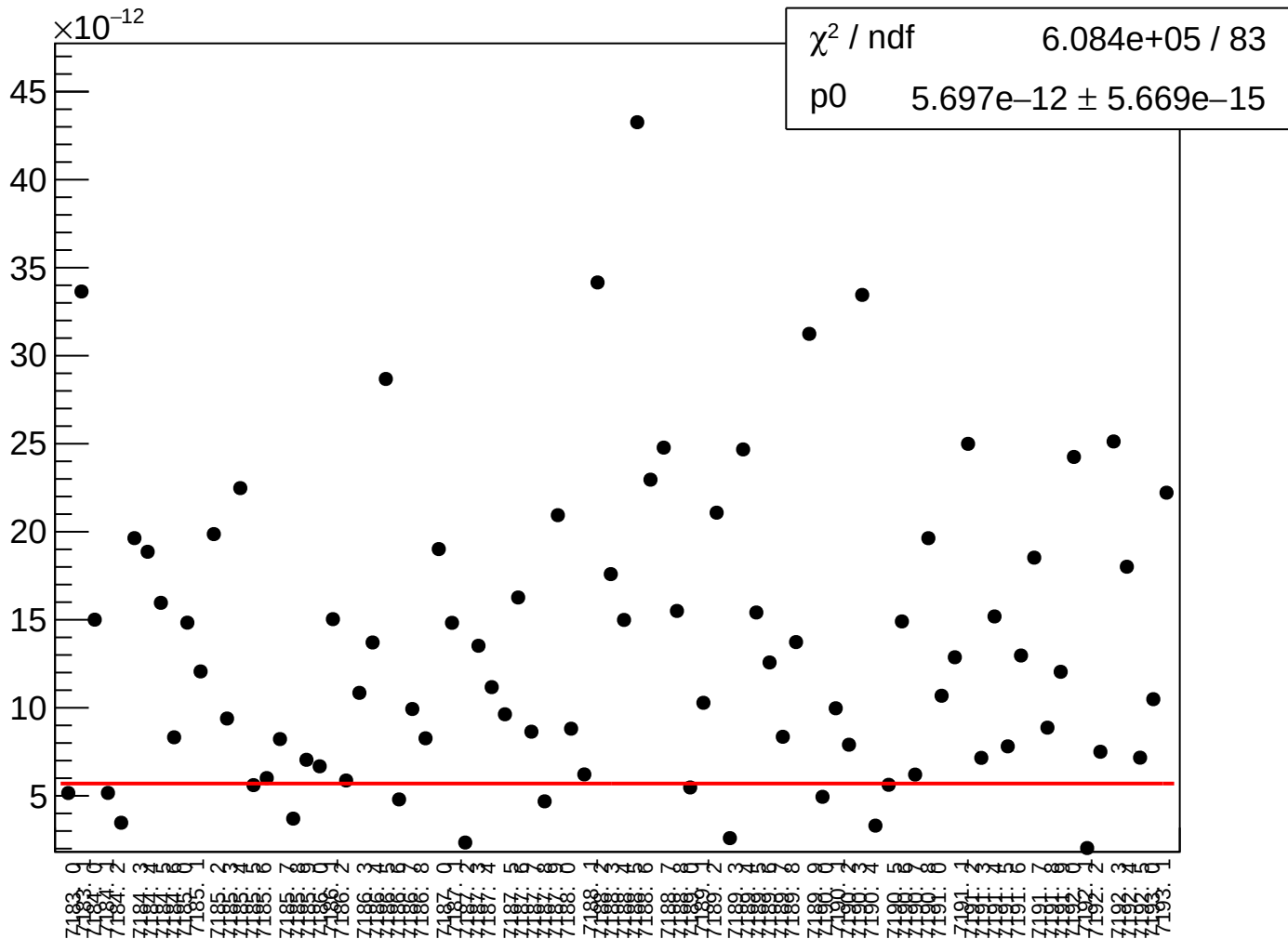
asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



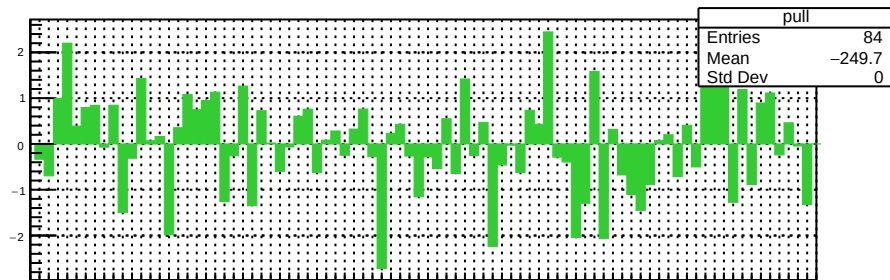
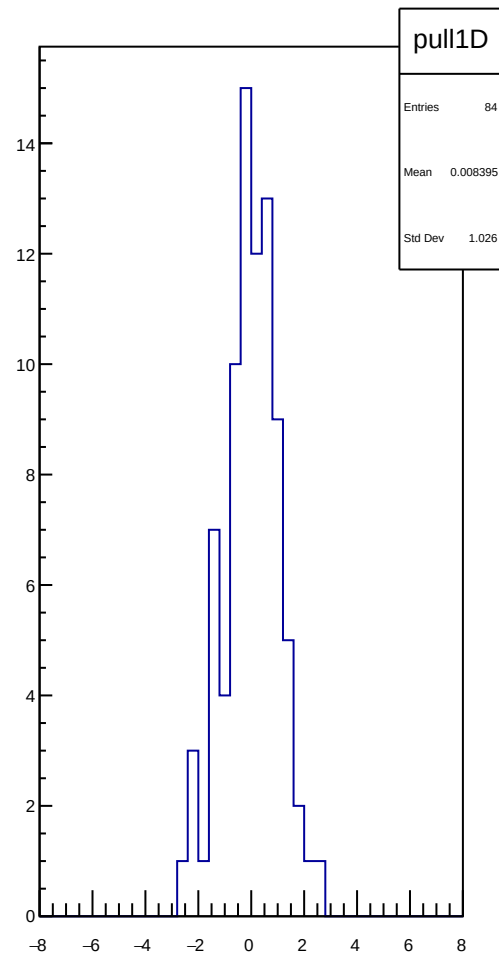
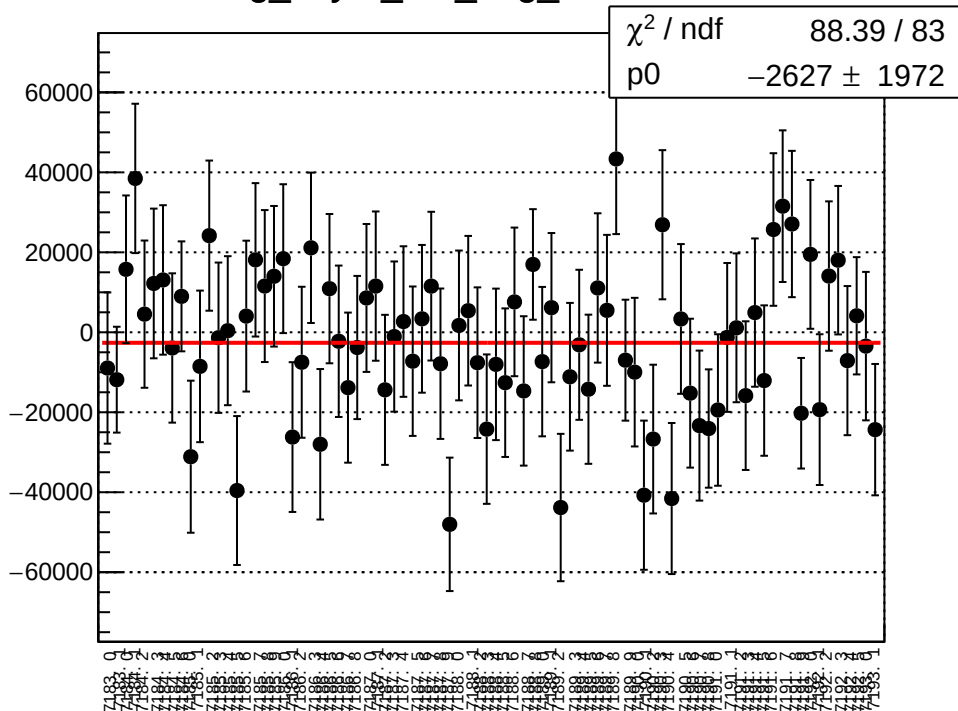
asym_at1_dd_eigen_cor_vs_cor_diff_mean vs run



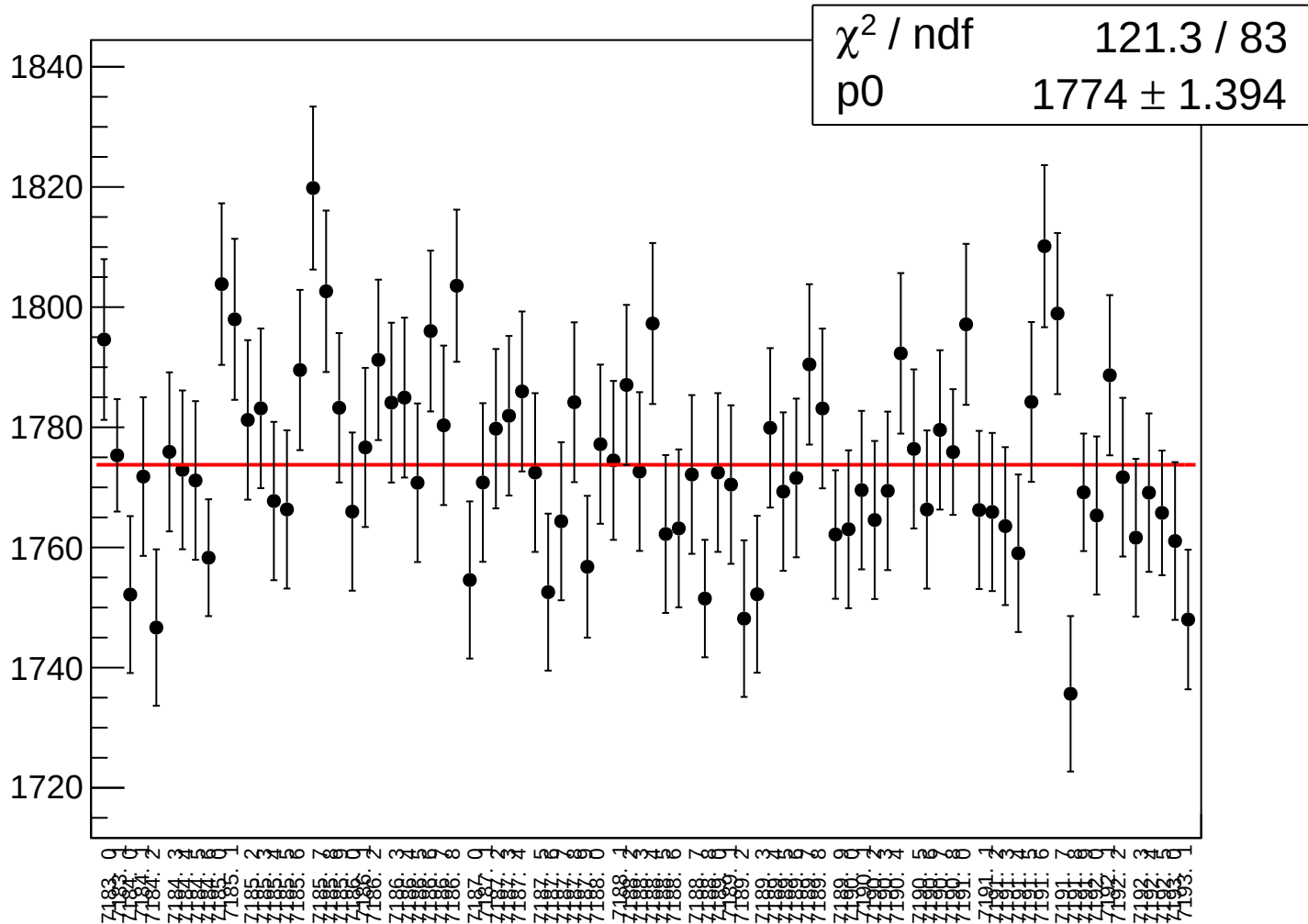
asym at1 dd eigen cor vs cor diff rms vs run



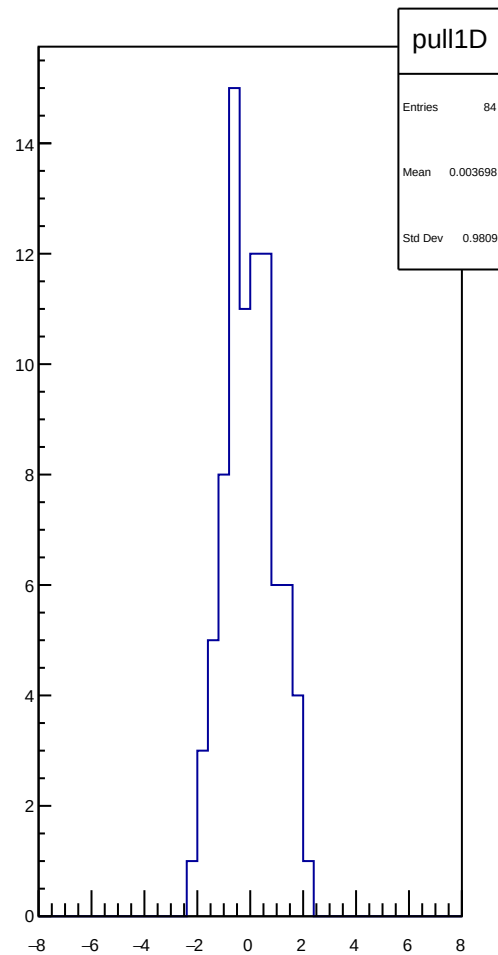
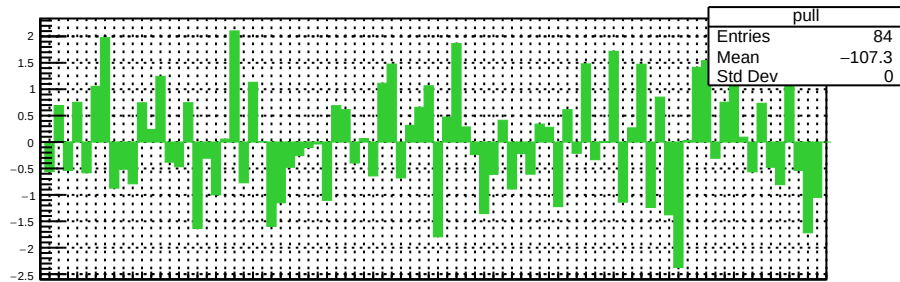
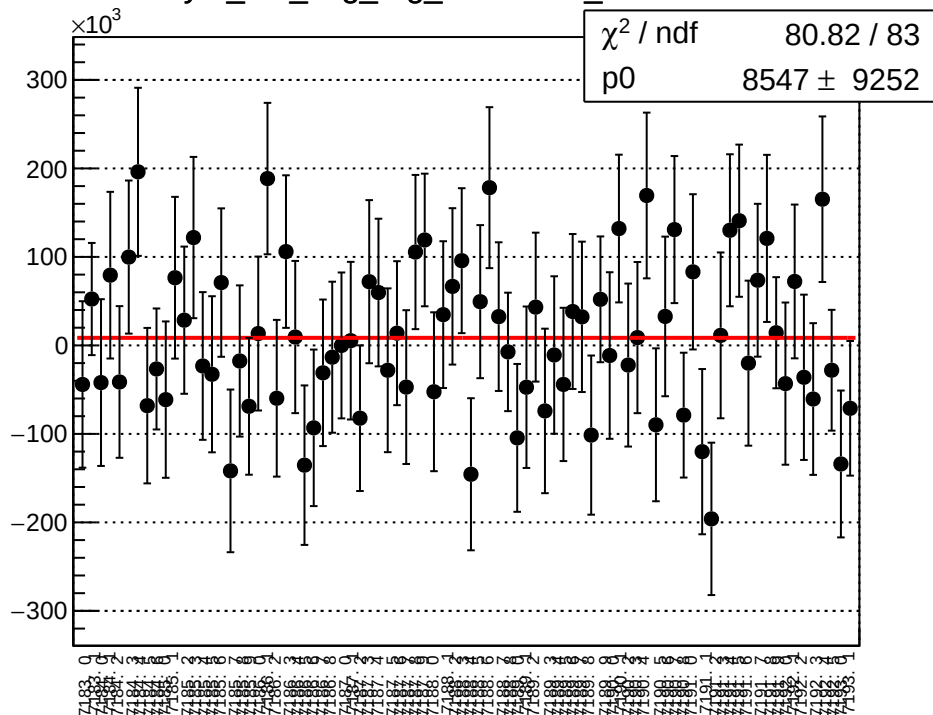
reg_asym_at2_avg_mean vs run



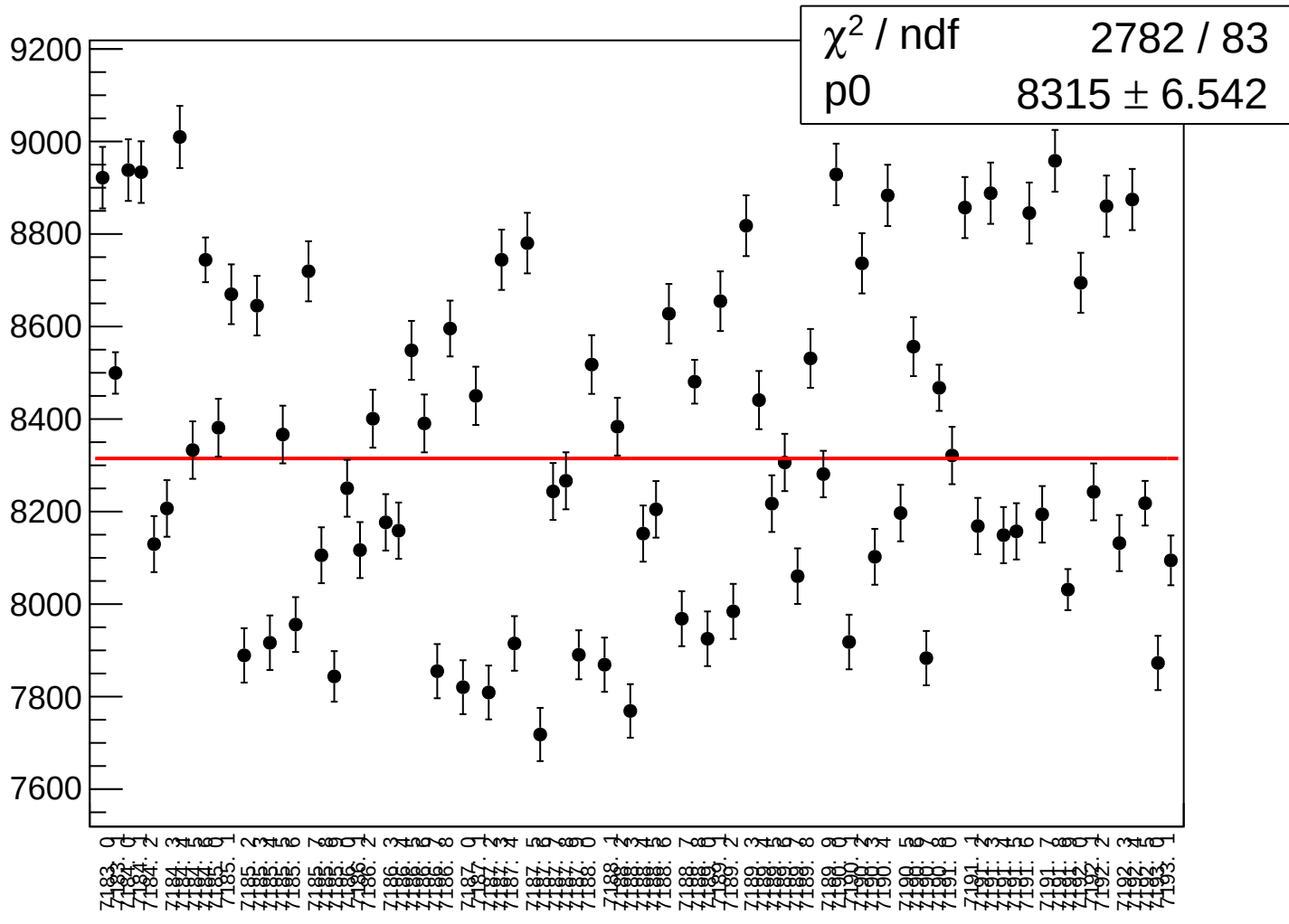
reg_asym_at2_avg_rms vs run



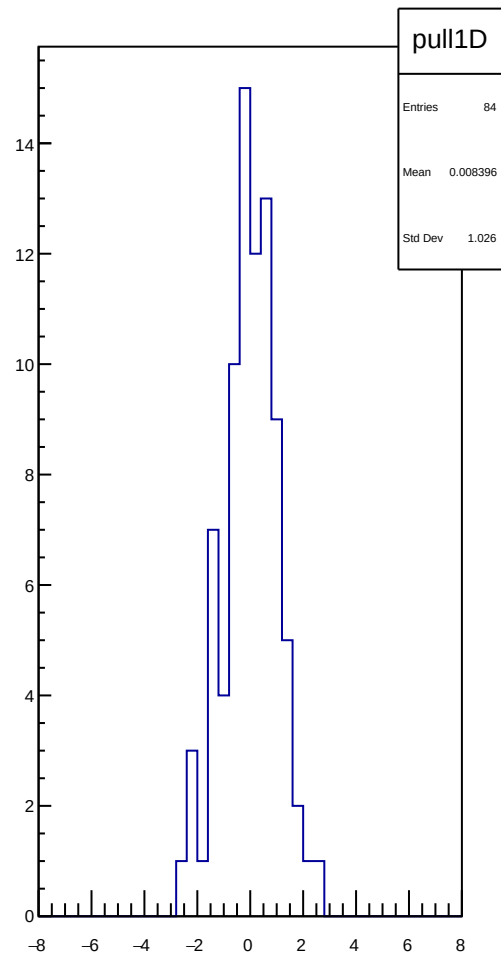
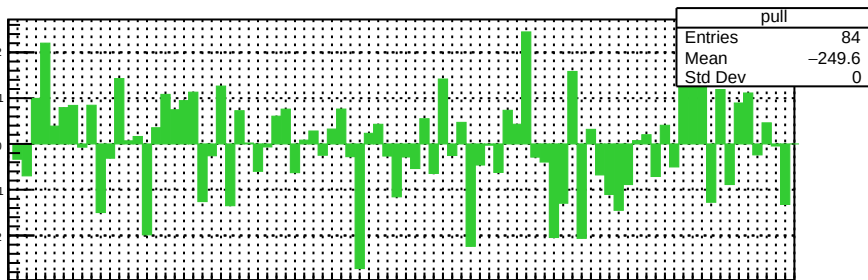
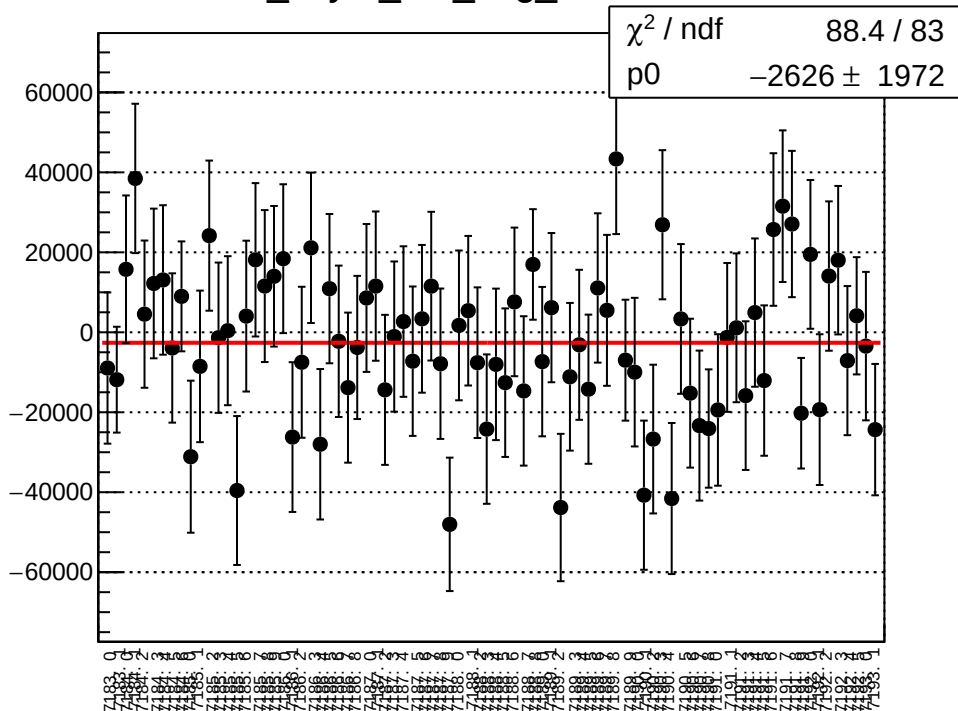
asym_at2_avg_reg_correction_mean vs run



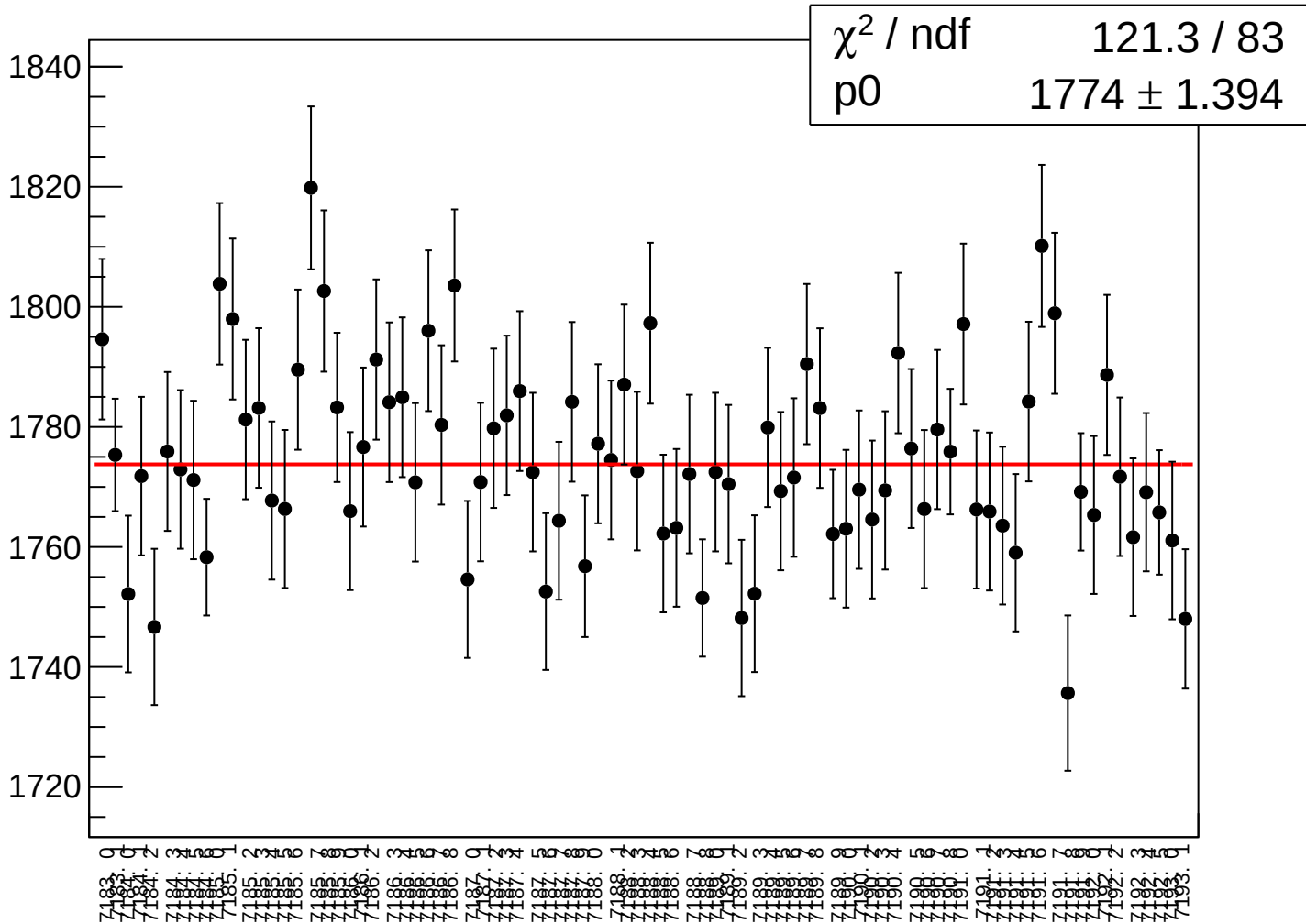
asym_at2_avg_reg_correction_rms vs run



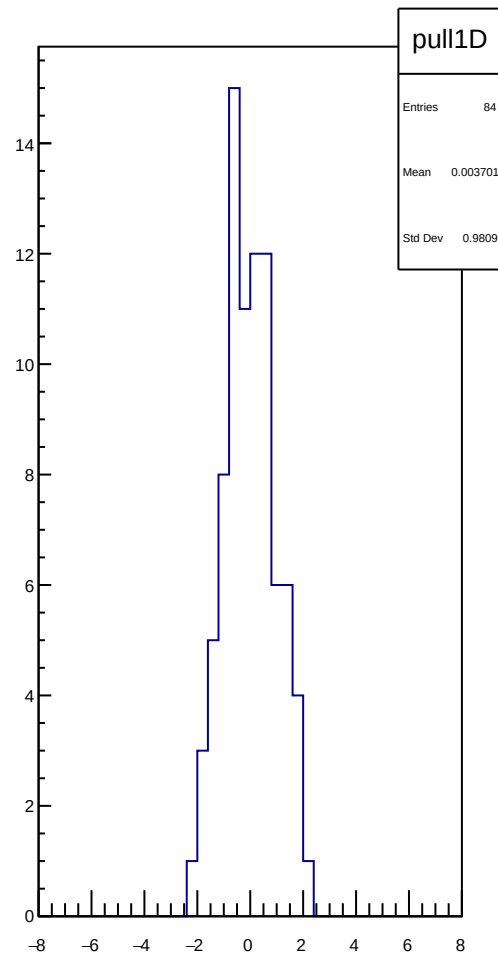
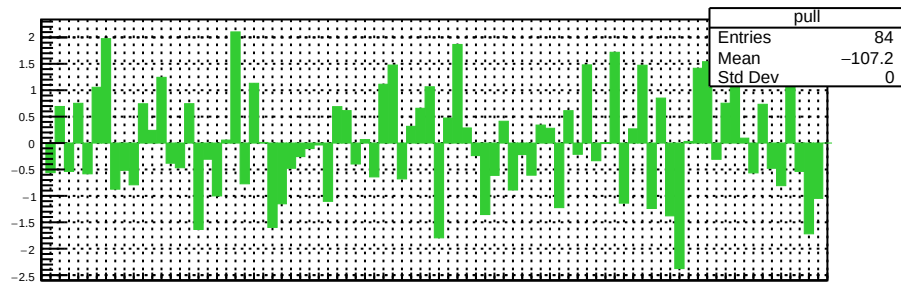
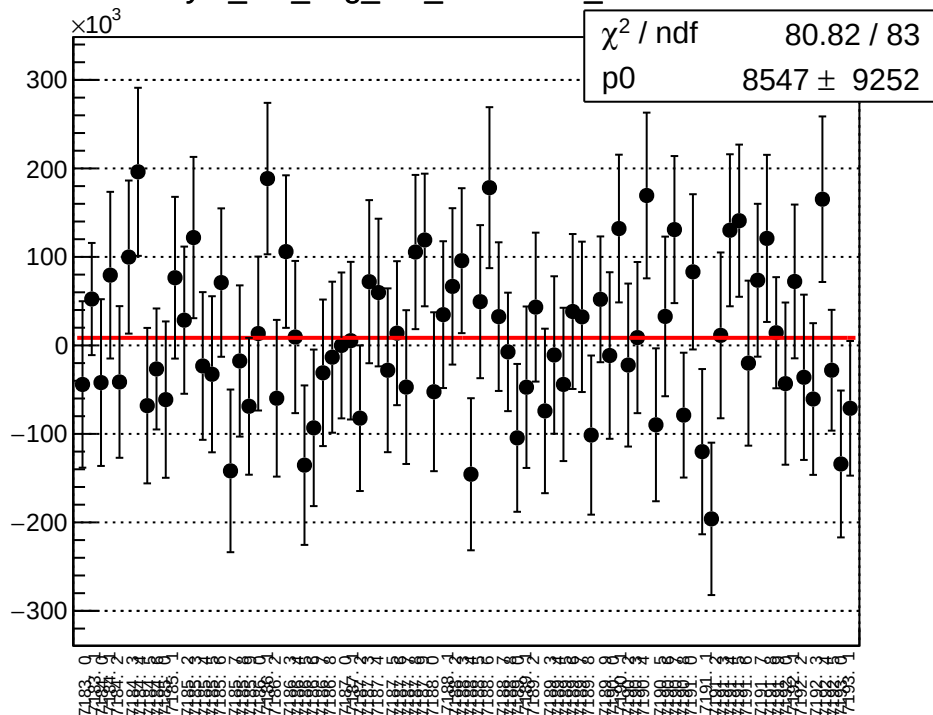
cor_asym_at2_avg_mean vs run



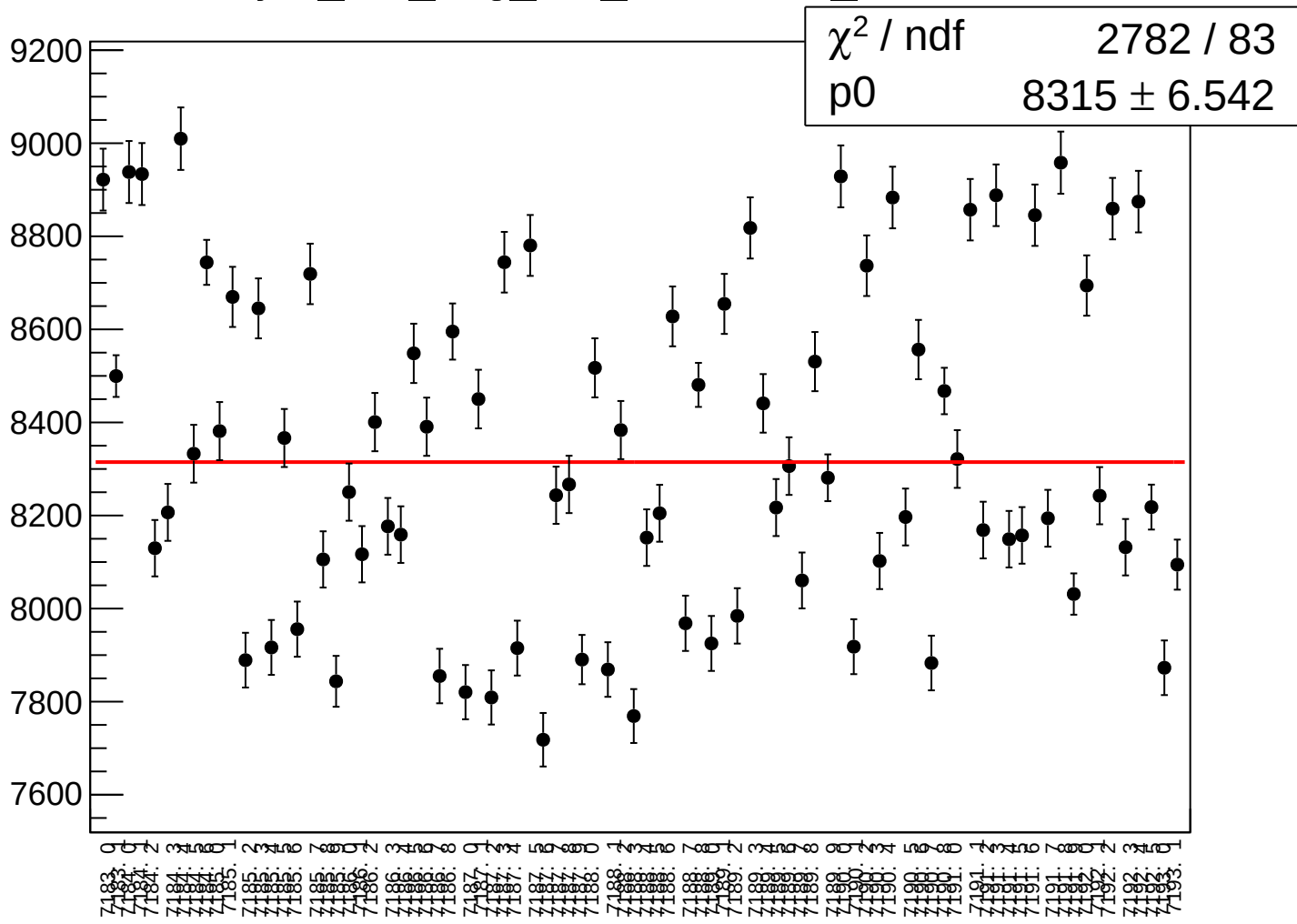
cor_asym_at2_avg_rms vs run



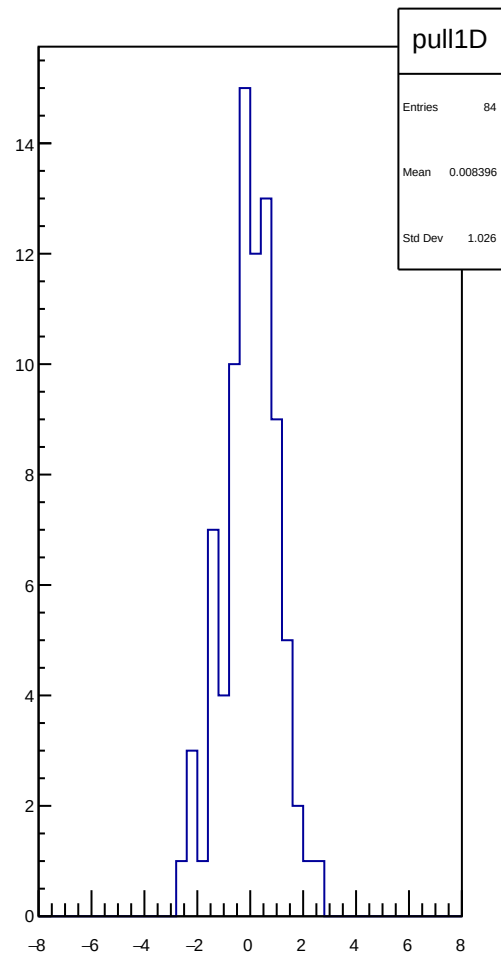
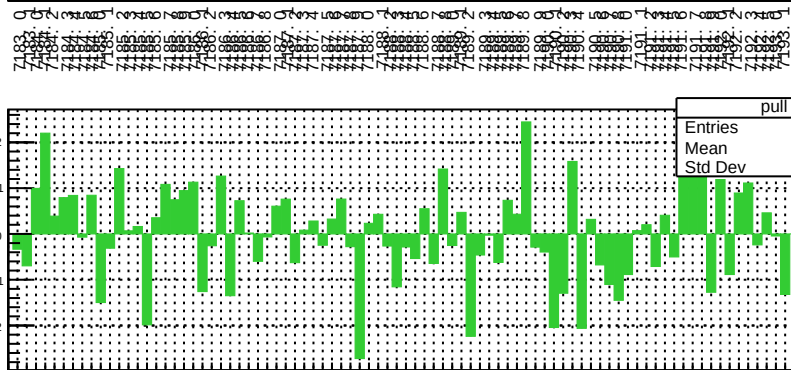
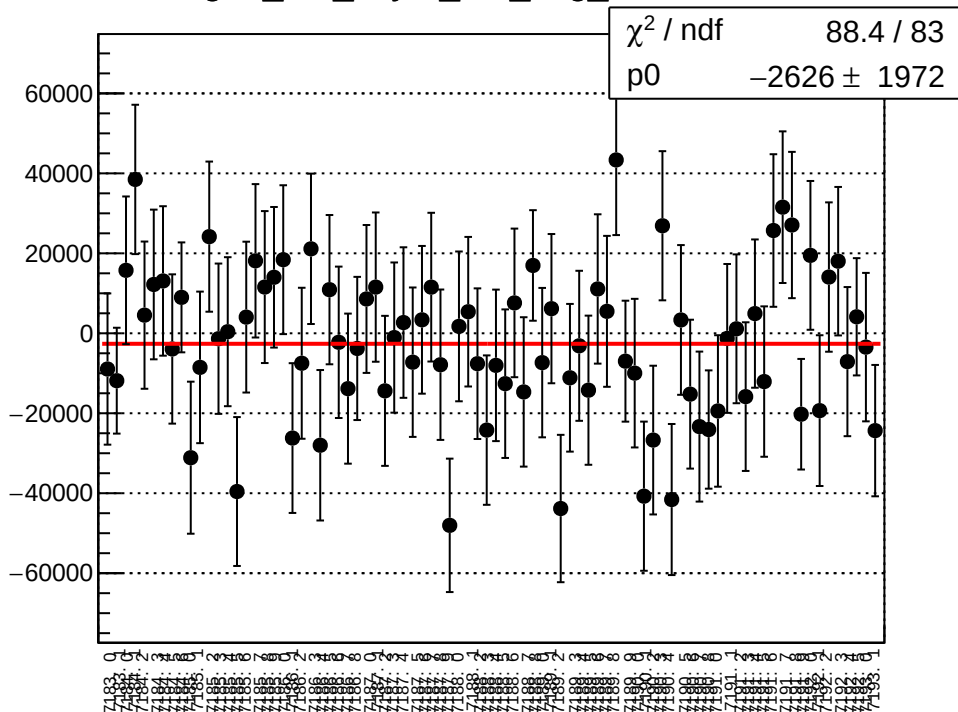
asym_at2_avg_cor_correction_mean vs run



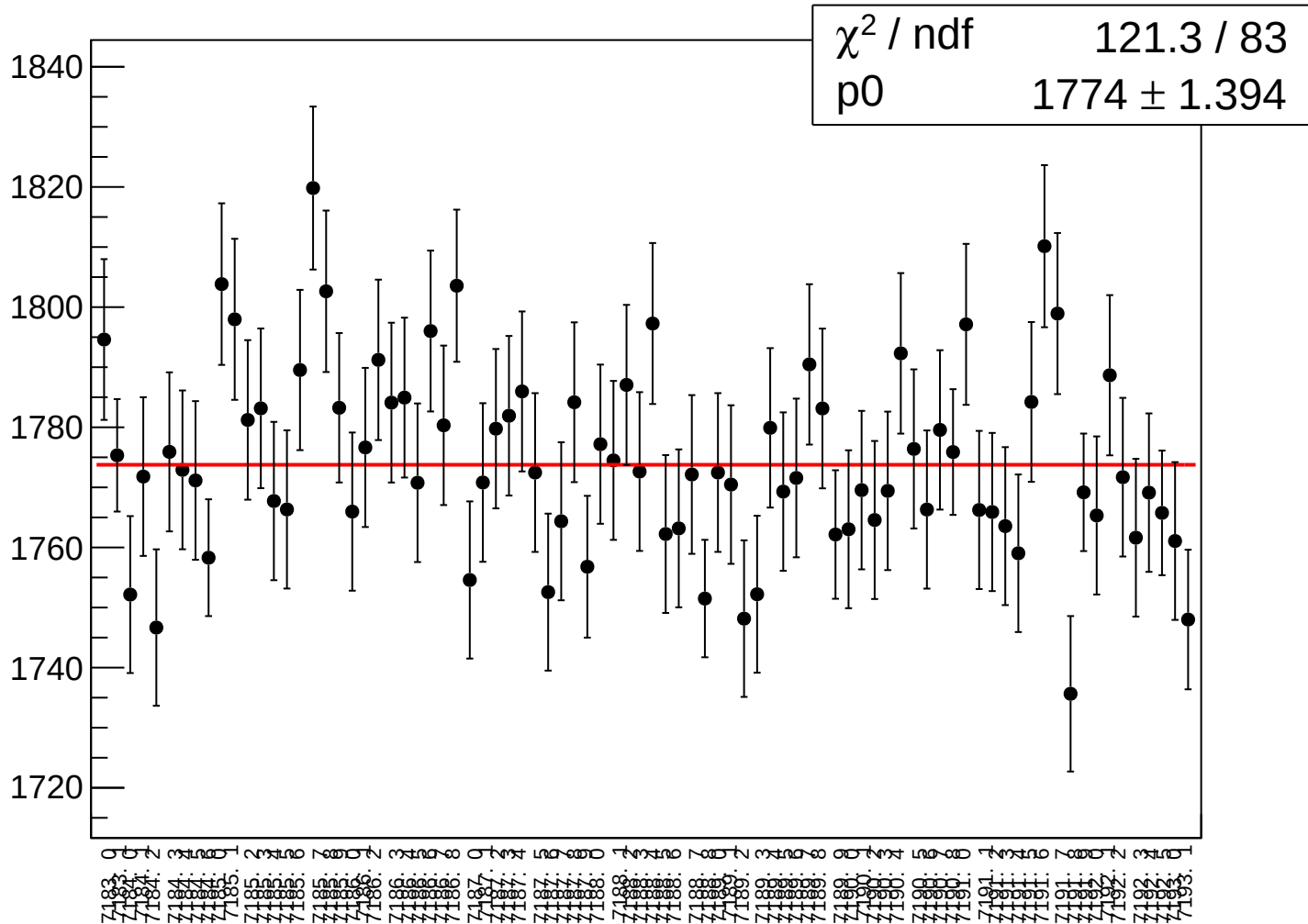
asym_at2_avg_cor_correction_rms vs run



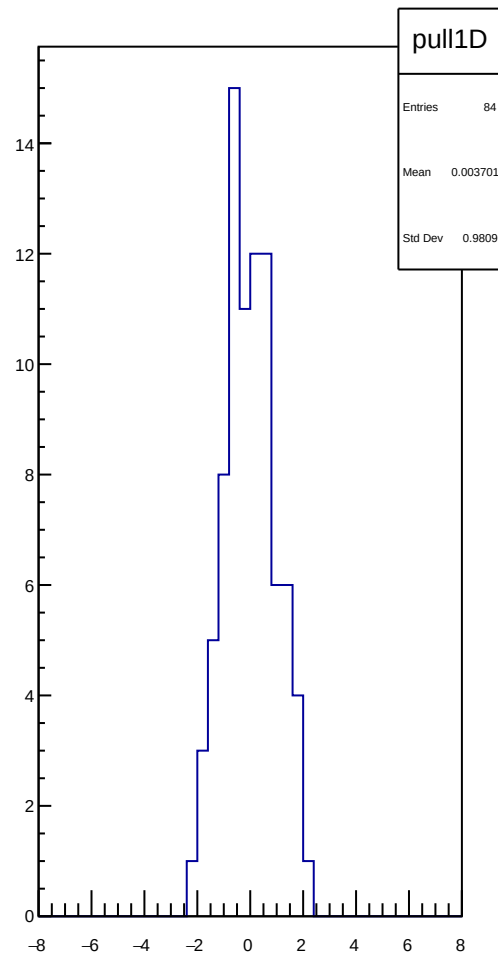
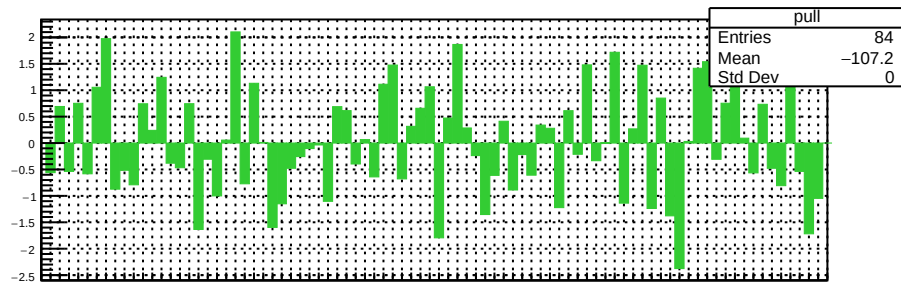
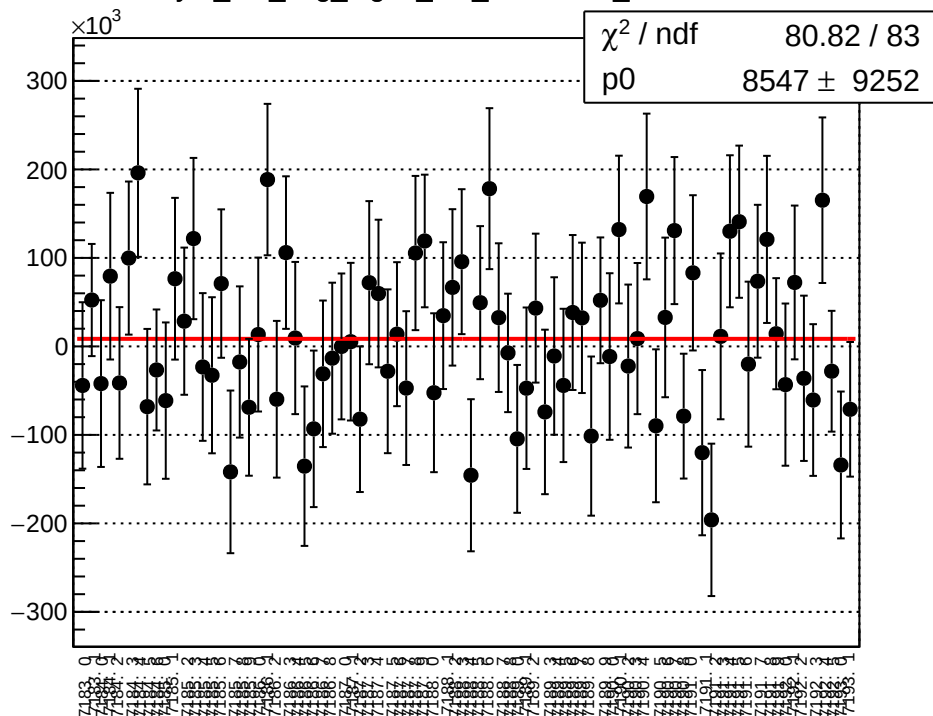
eigen_cor_asym_at2_avg_mean vs run



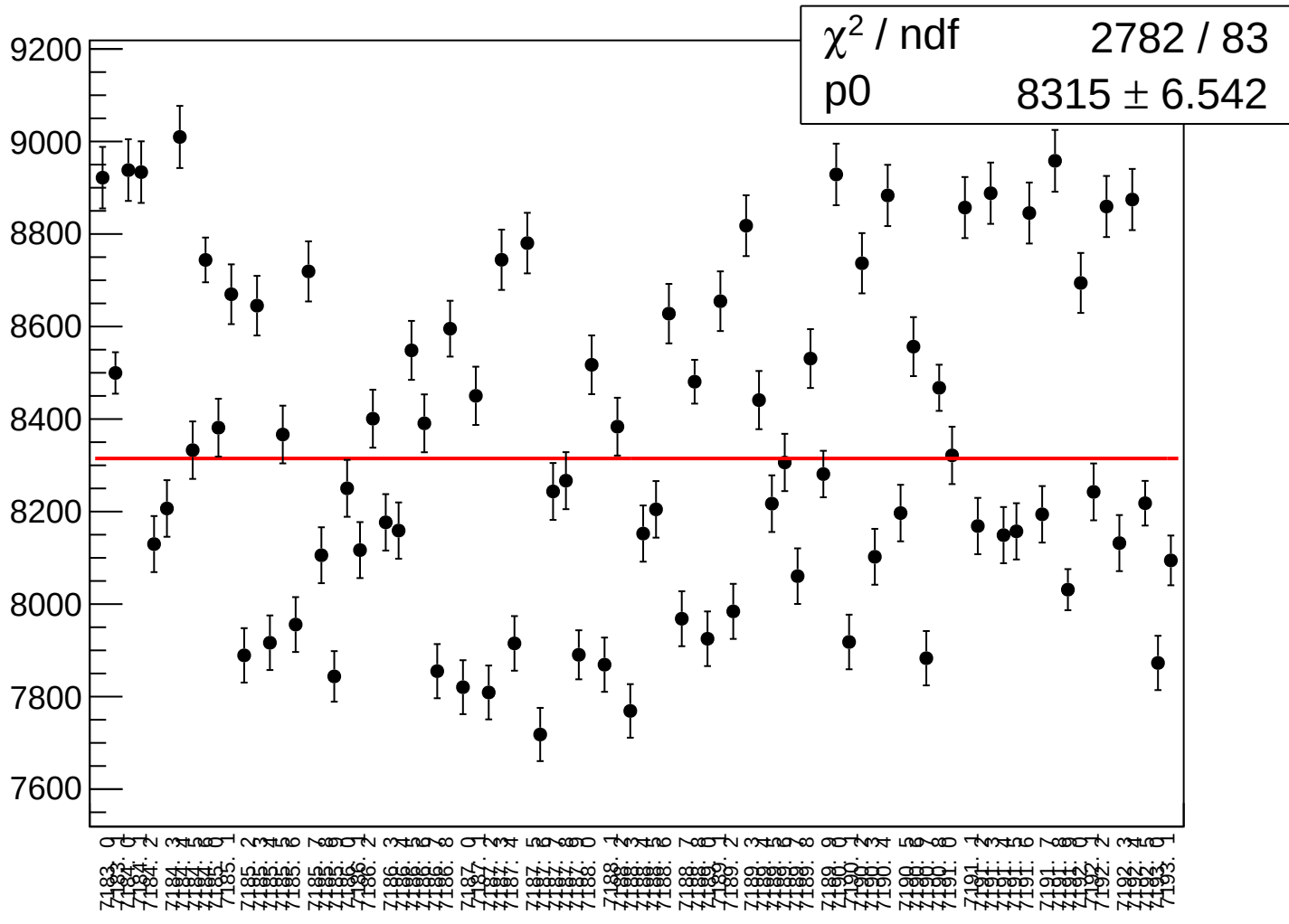
eigen_cor_asym_at2_avg_rms vs run



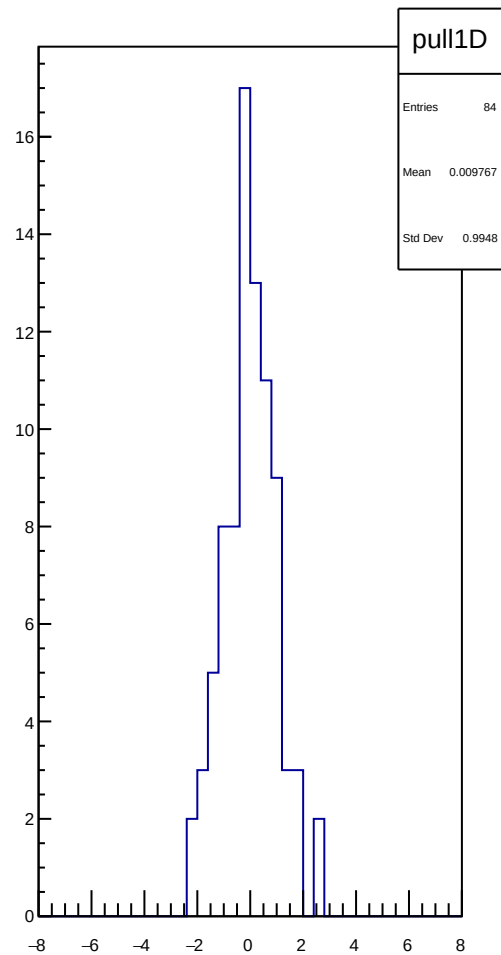
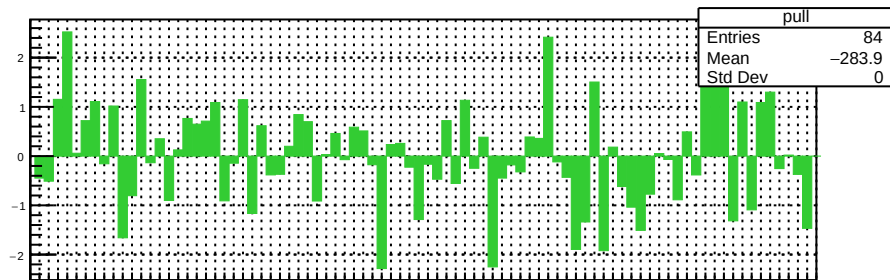
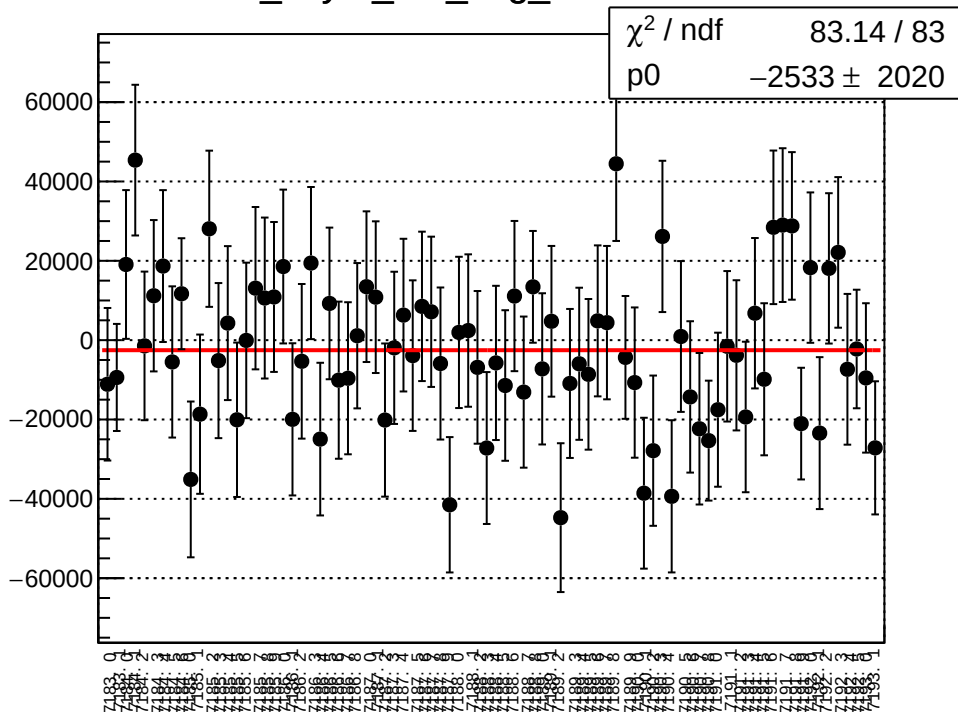
asym_at2_avg_eigen_cor_correction_mean vs run



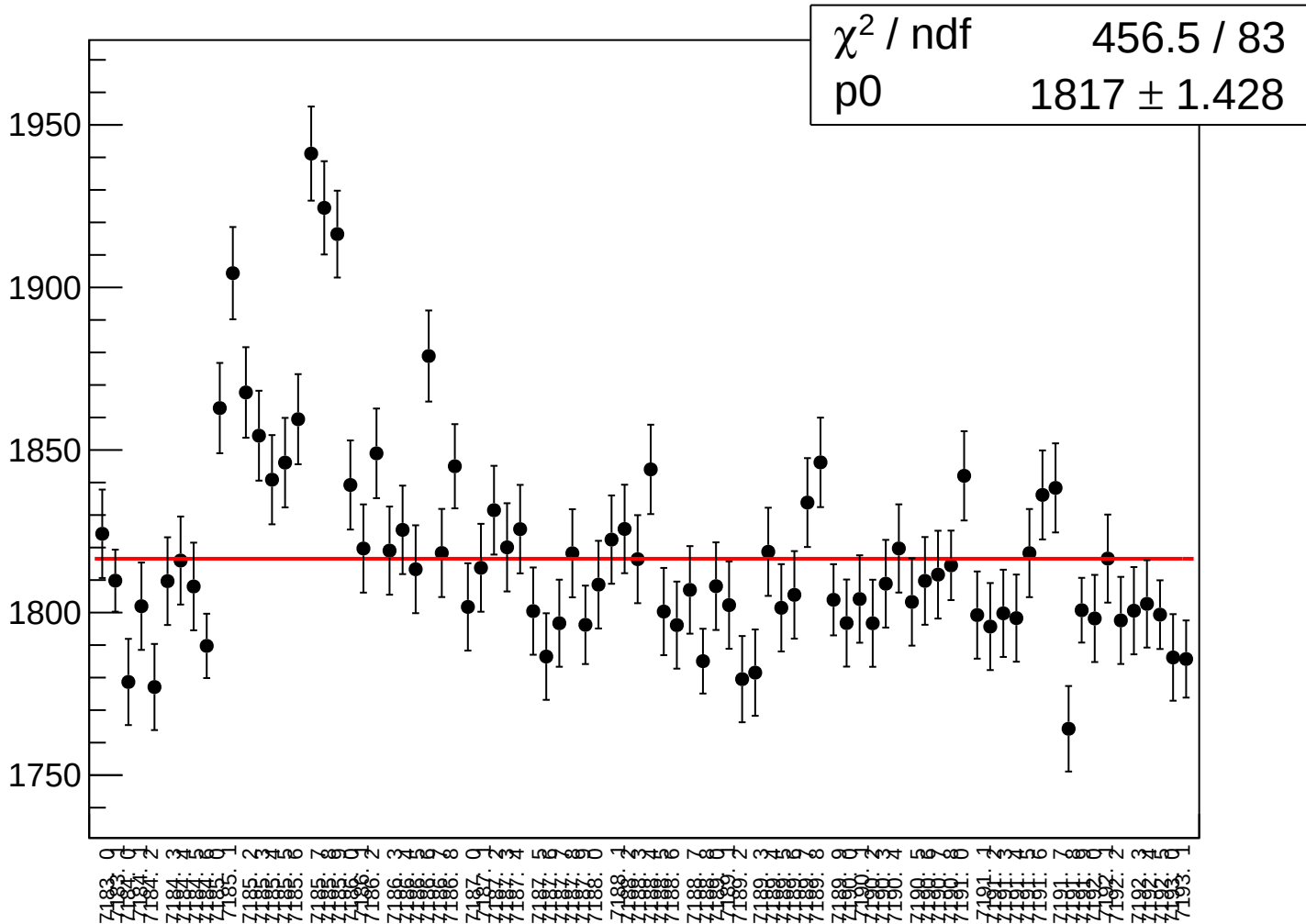
asym_at2_avg_eigen_cor_correction_rms vs run



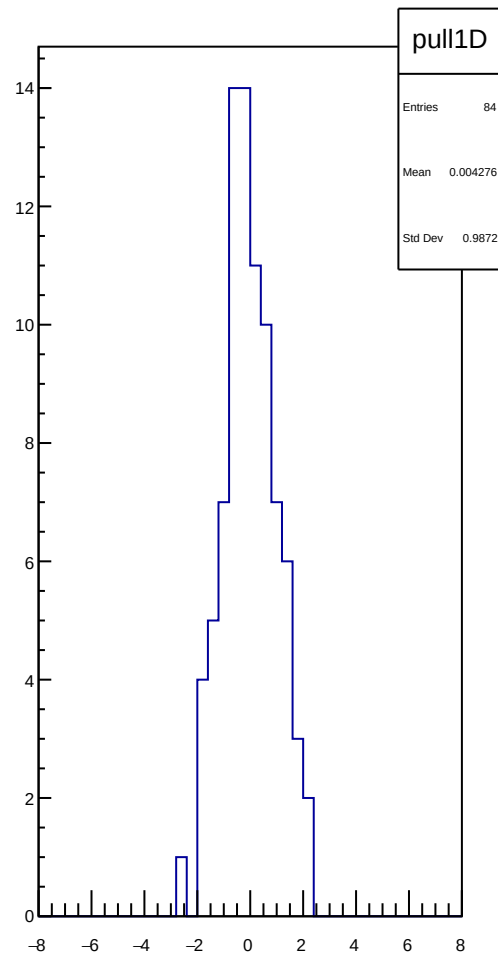
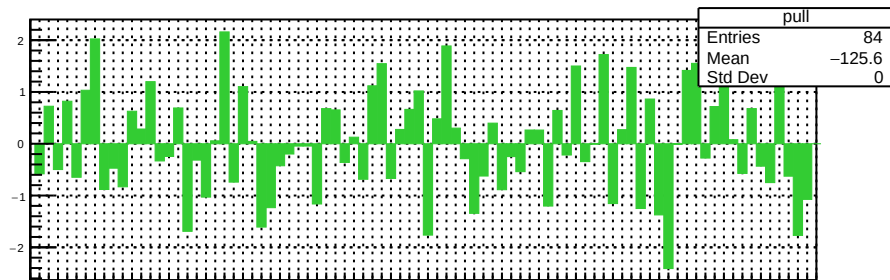
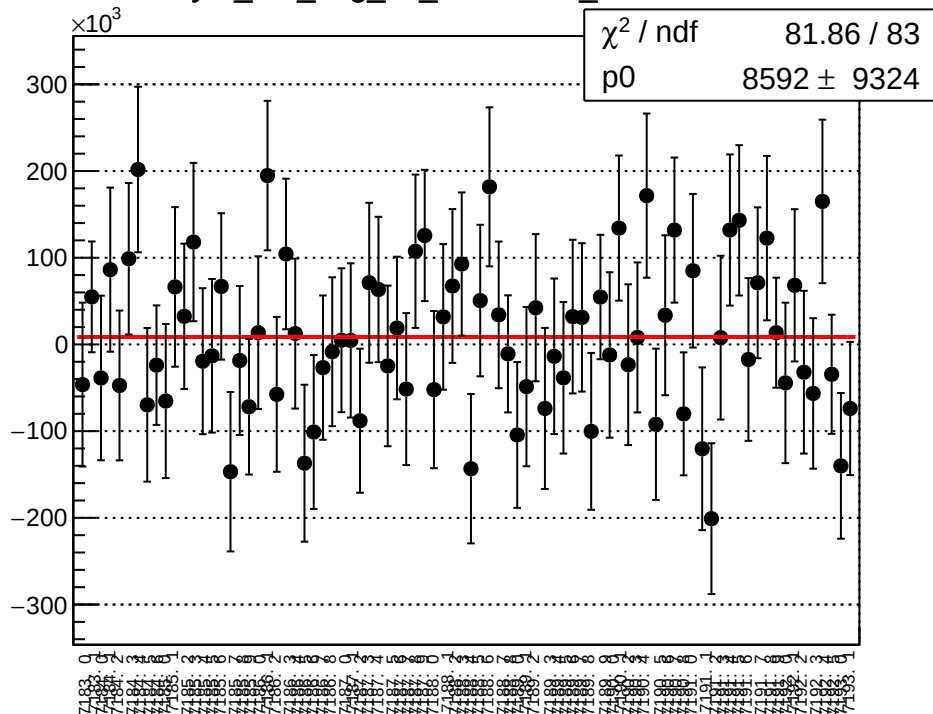
dit_asym_at2_avg_mean vs run



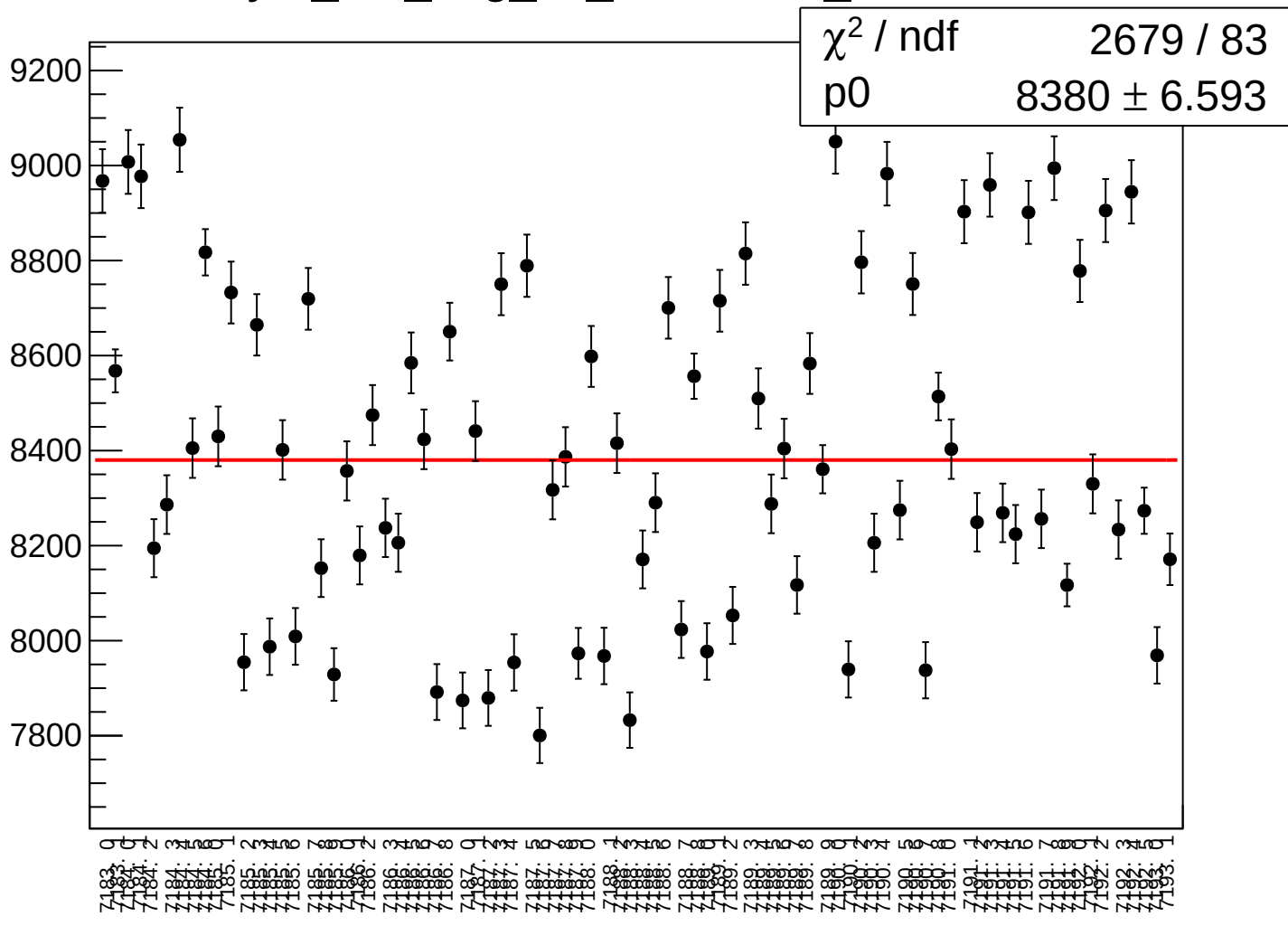
dit_asym_at2_avg_rms vs run



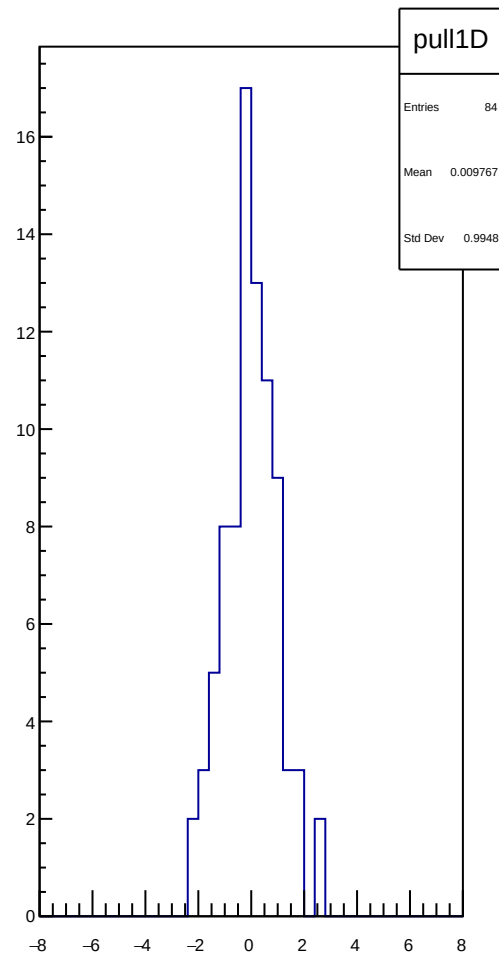
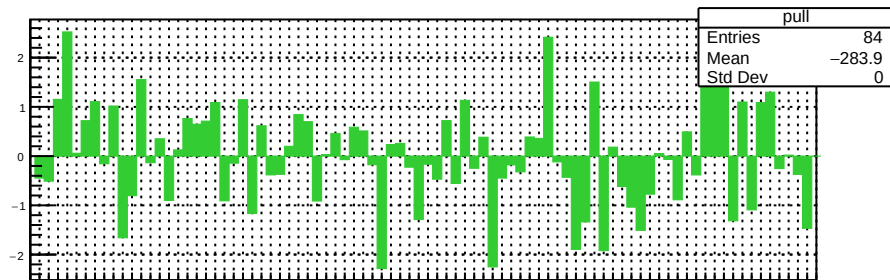
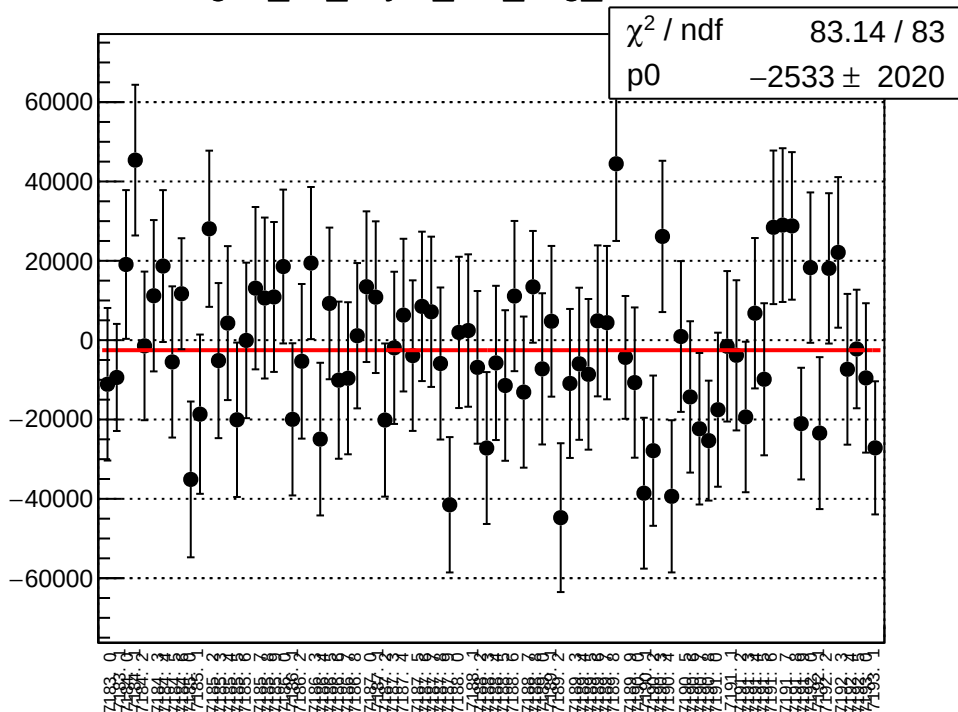
asym_at2_avg_dit_correction_mean vs run



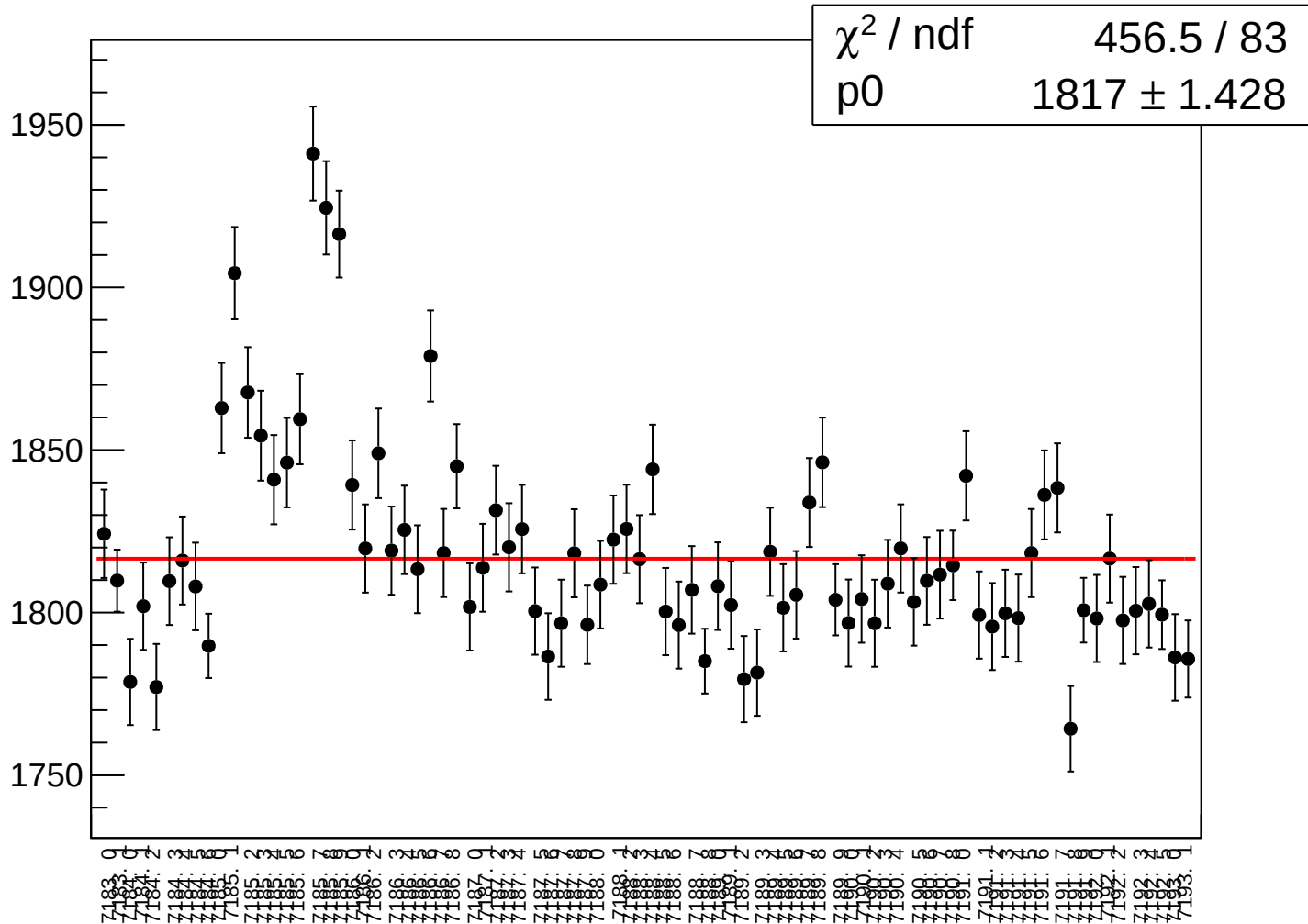
asym_at2_avg_dit_correction_rms vs run



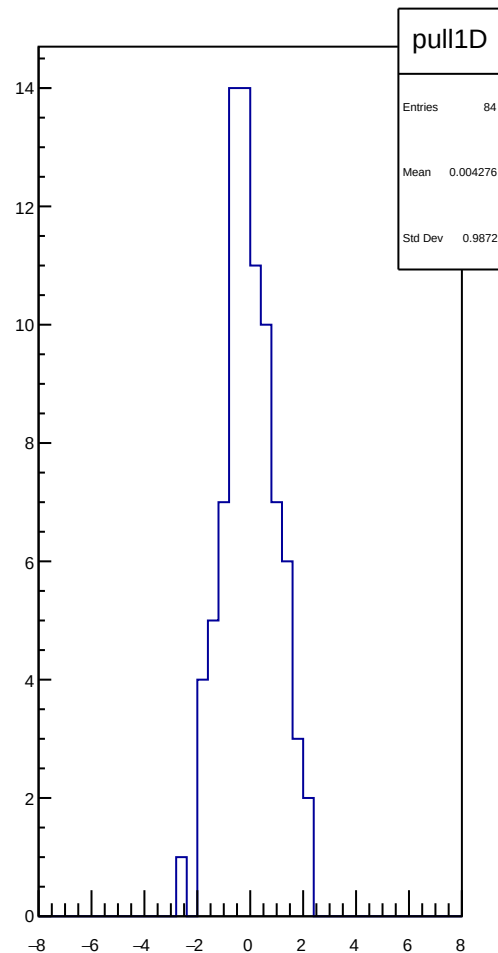
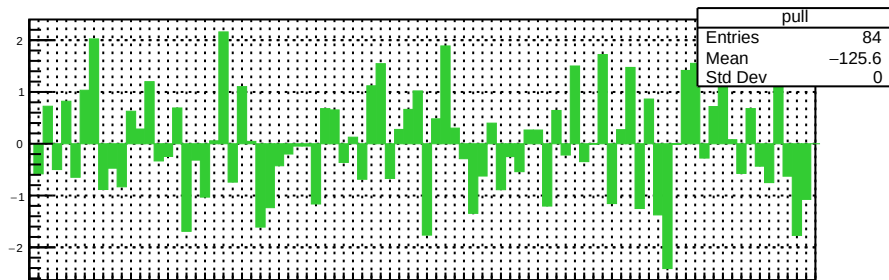
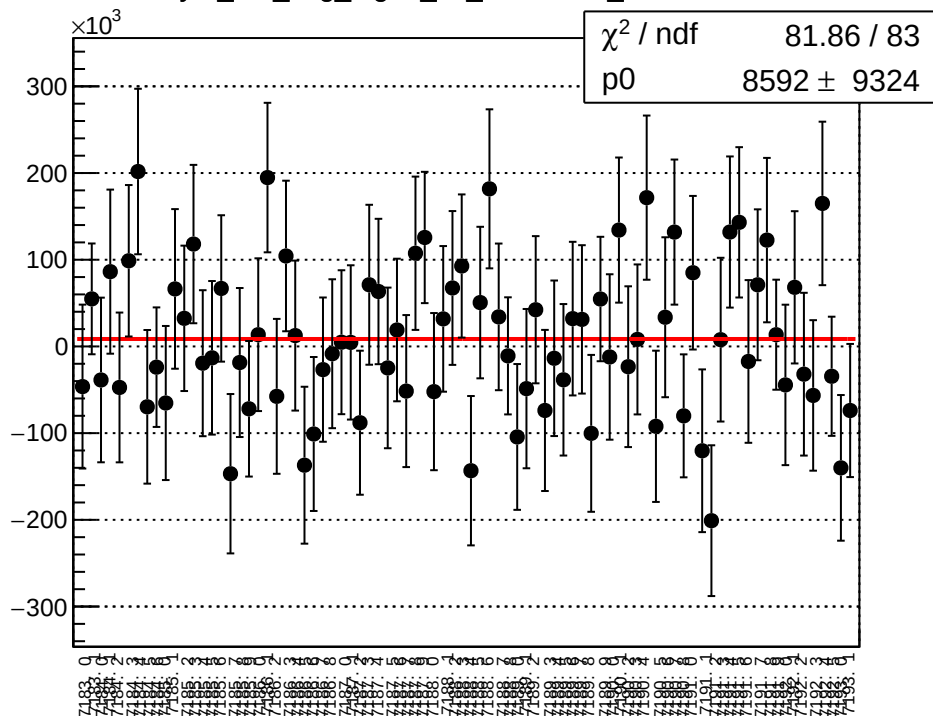
eigen_dit_asym_at2_avg_mean vs run



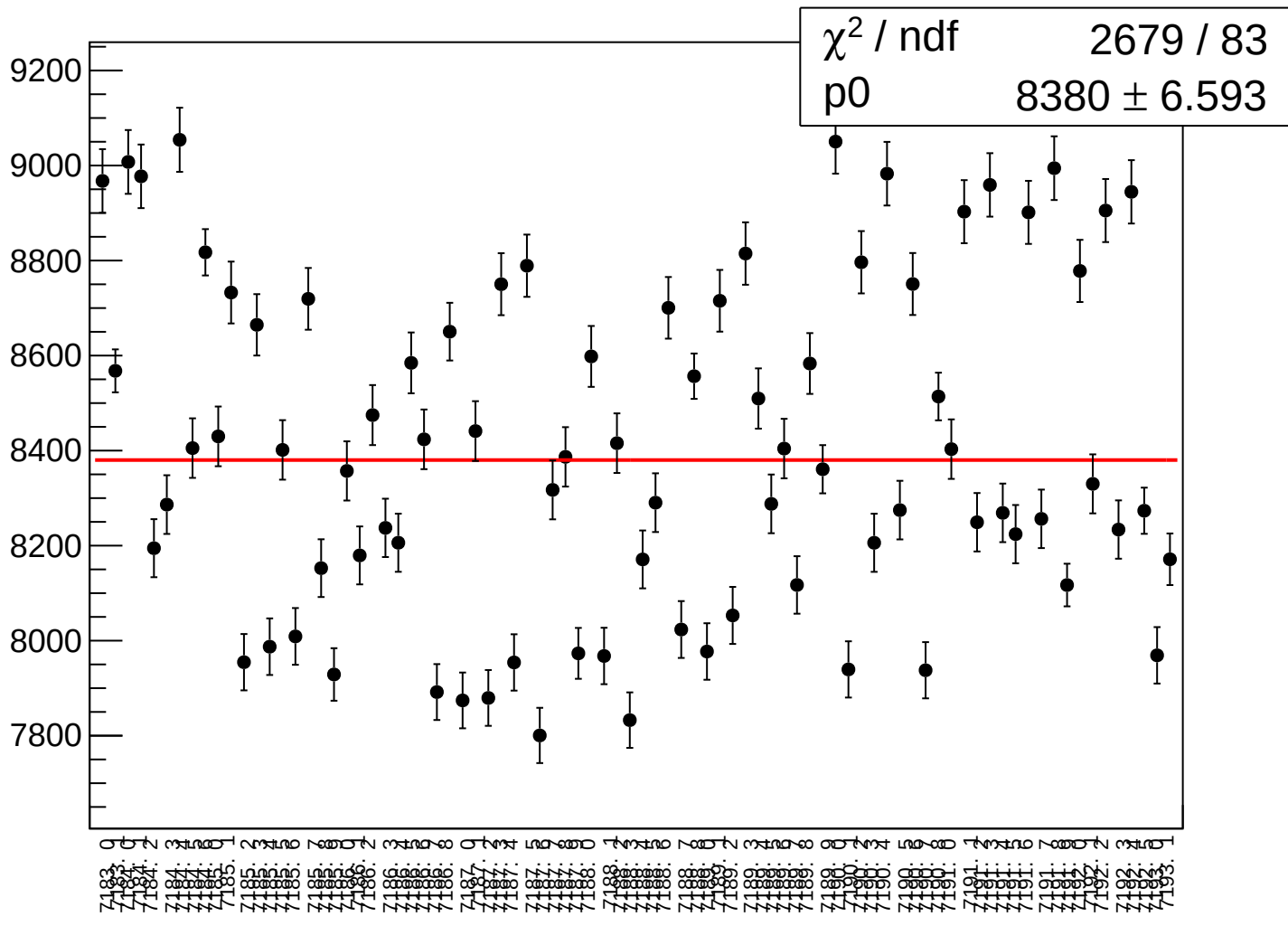
eigen_dit_asym_at2_avg_rms vs run



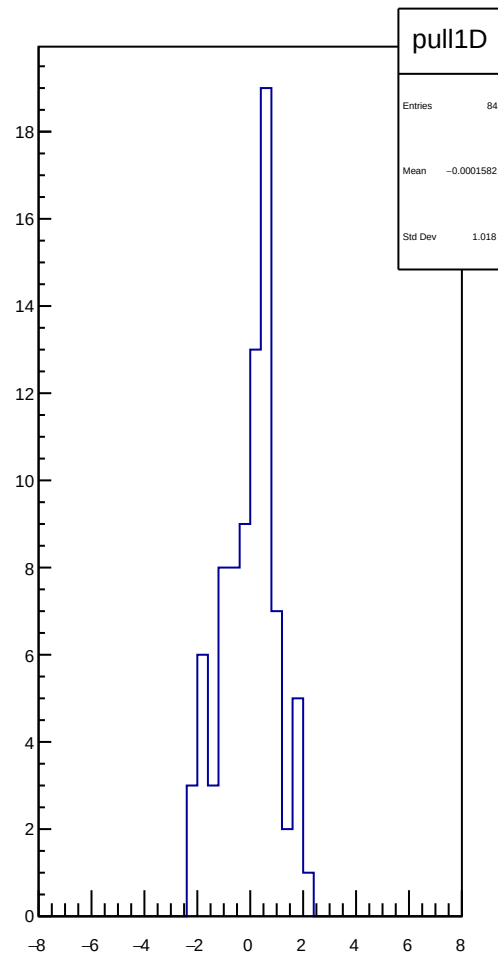
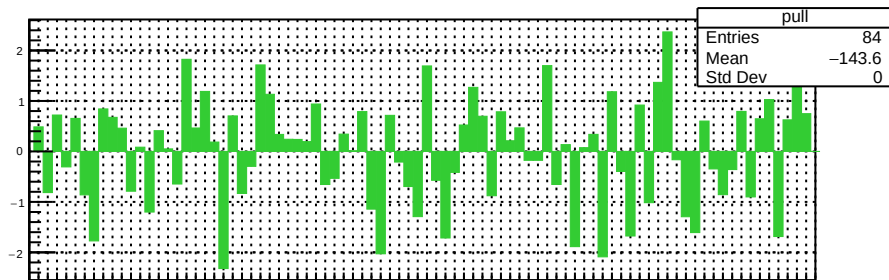
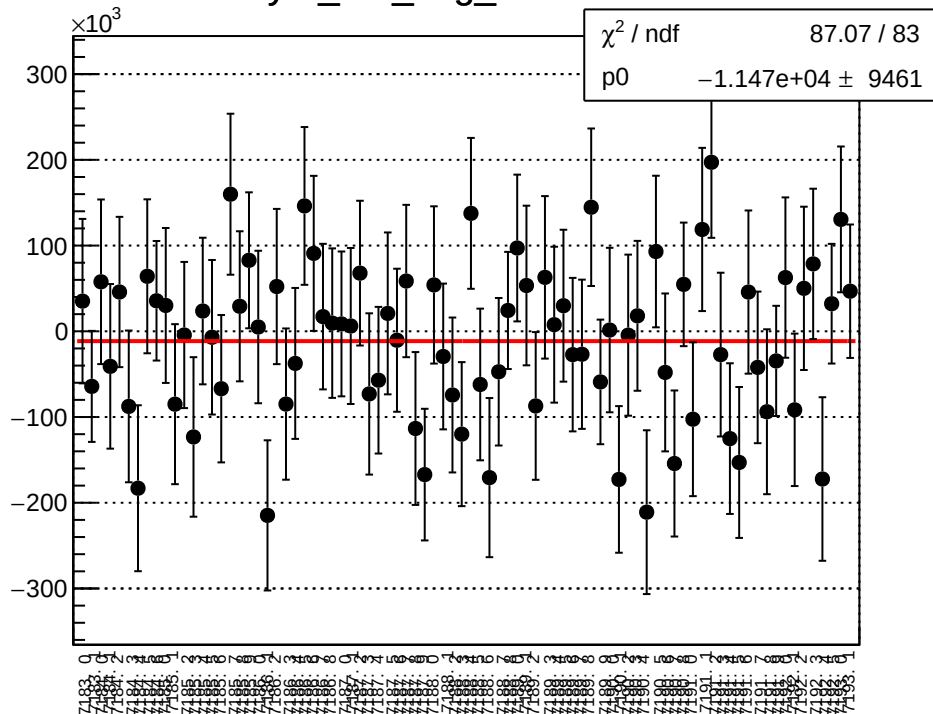
asym_at2_avg_eigen_dit_correction_mean vs run



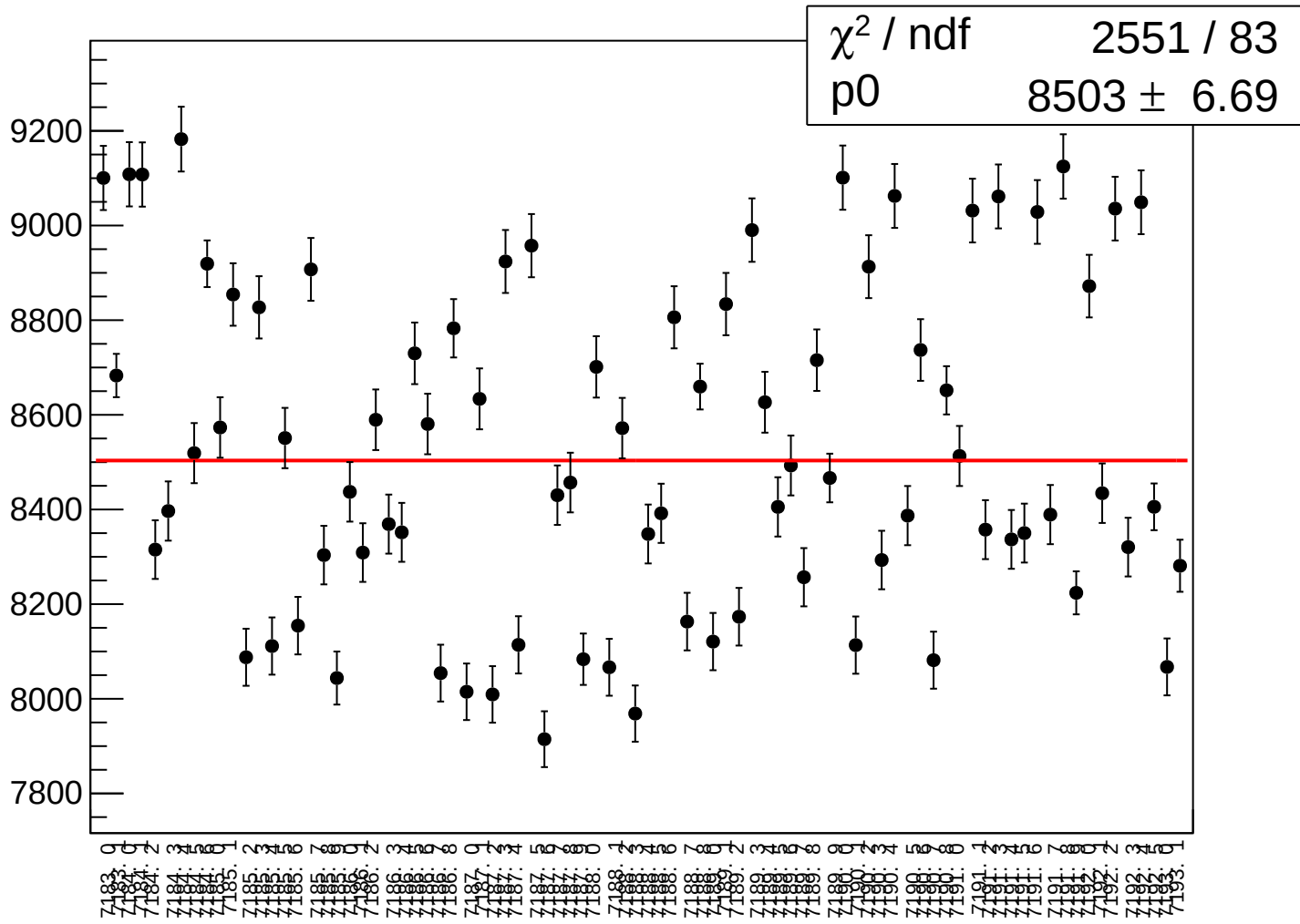
asym_at2_avg_eigen_dit_correction_rms vs run



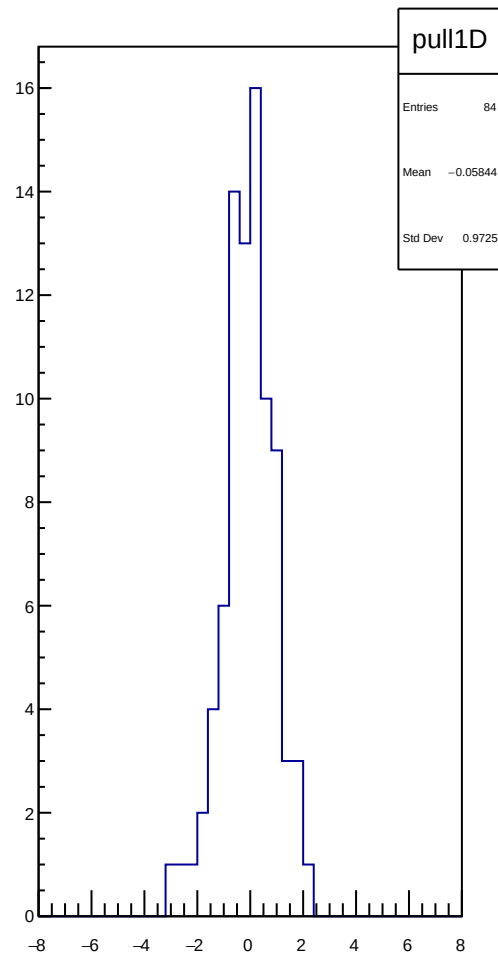
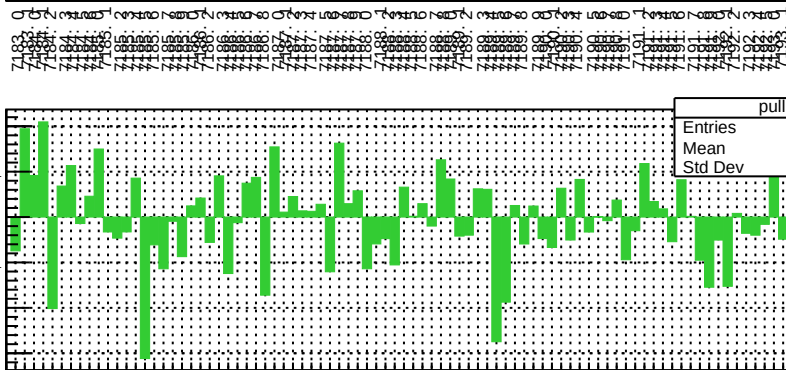
asym_at2_avg_mean vs run



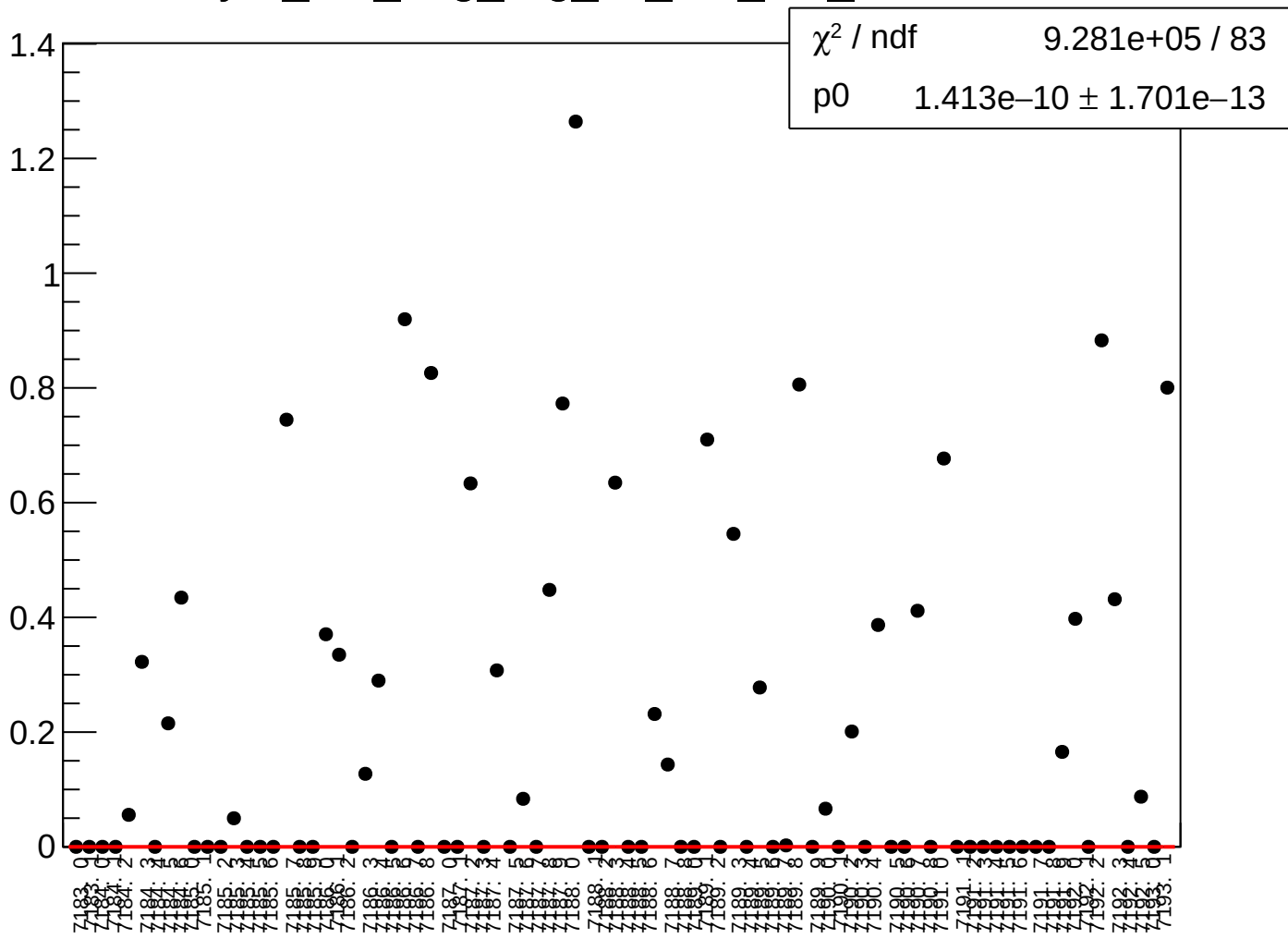
asym_at2_avg_rms vs run



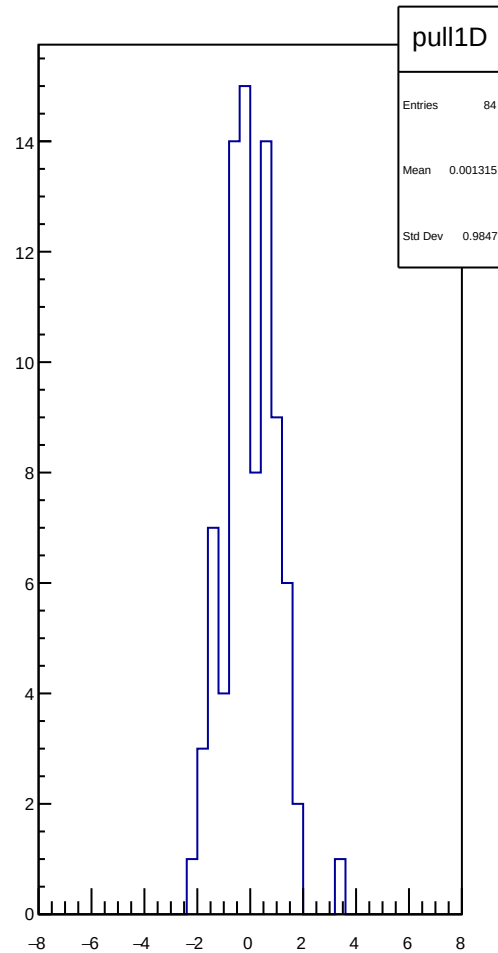
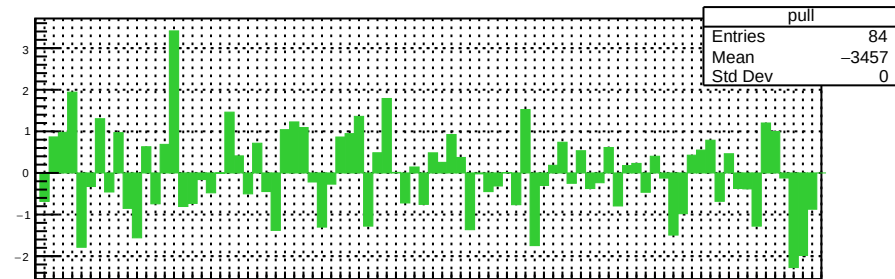
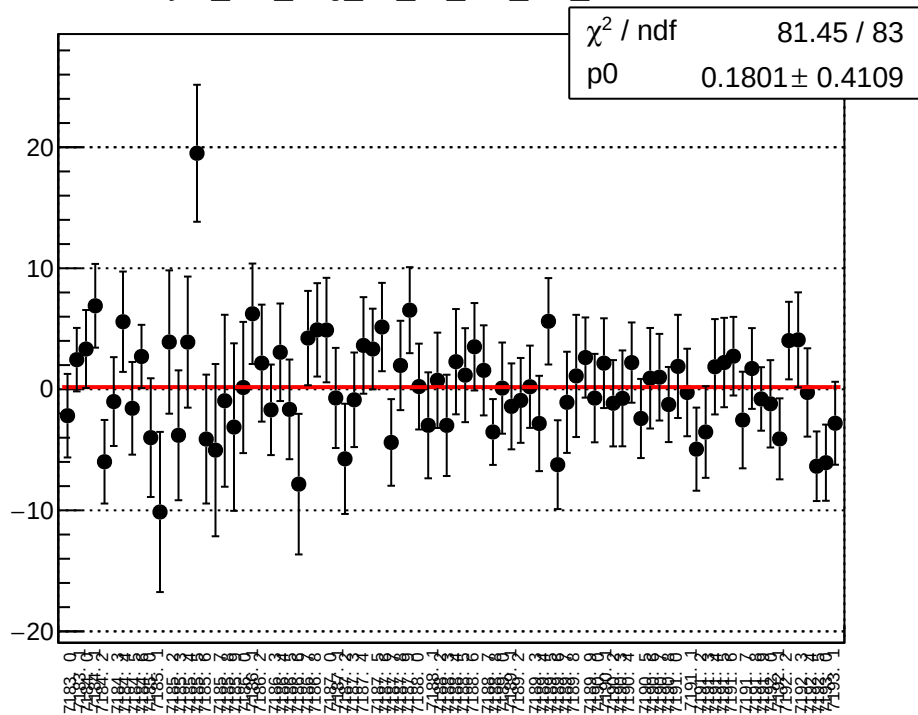
χ^2 / ndof 79.1
 $p0$ $-9.046\text{e-}14 \pm 2.40$



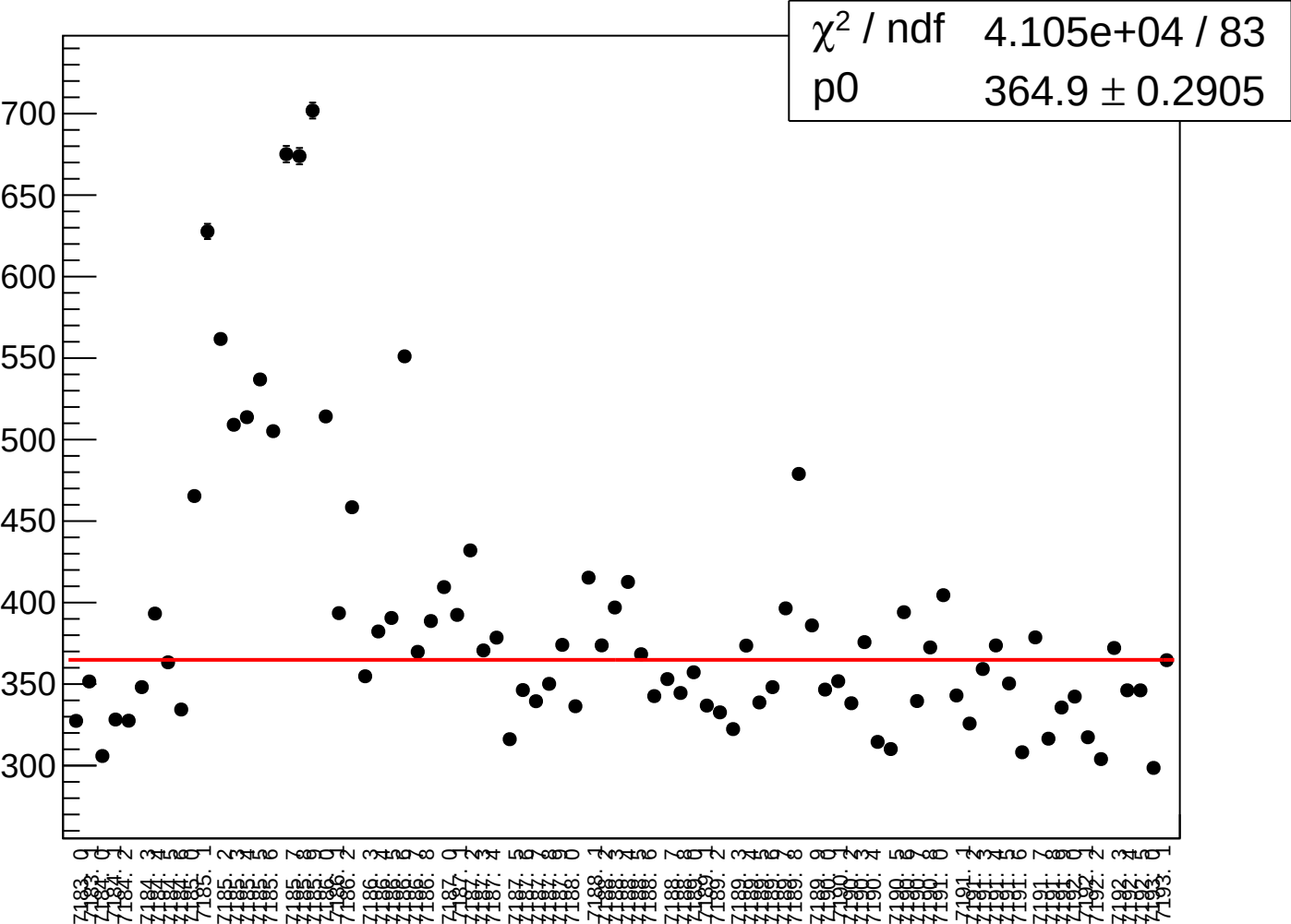
asym_at2_avg_reg_vs_cor_diff_rms vs run

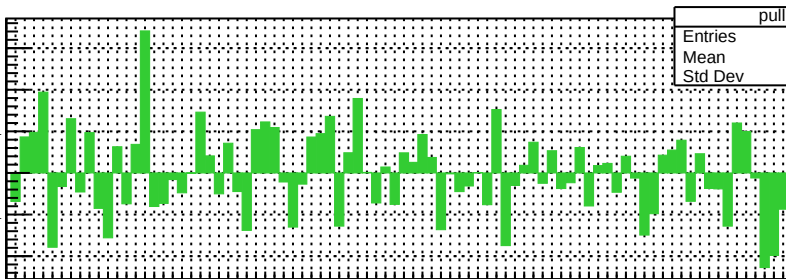


asym_at2_avg_dit_vs_cor_diff_mean vs run



asym_at2_avg_dit_vs_cor_diff_rms vs run

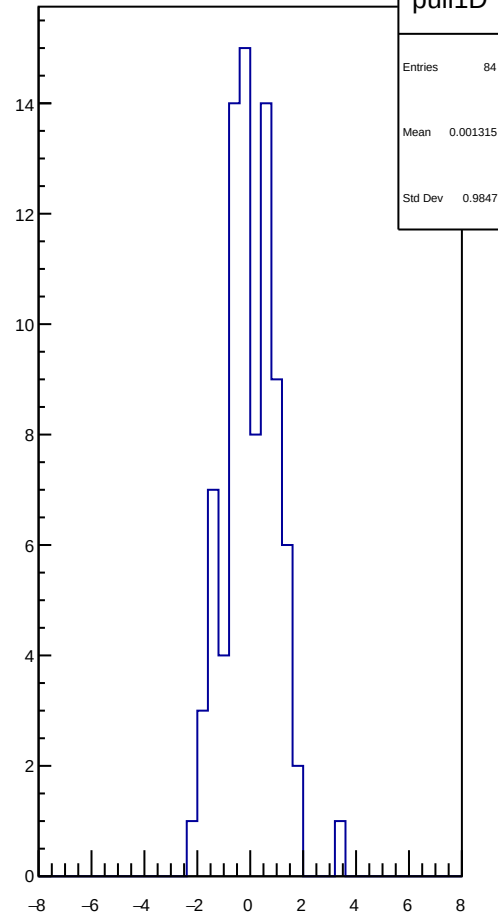




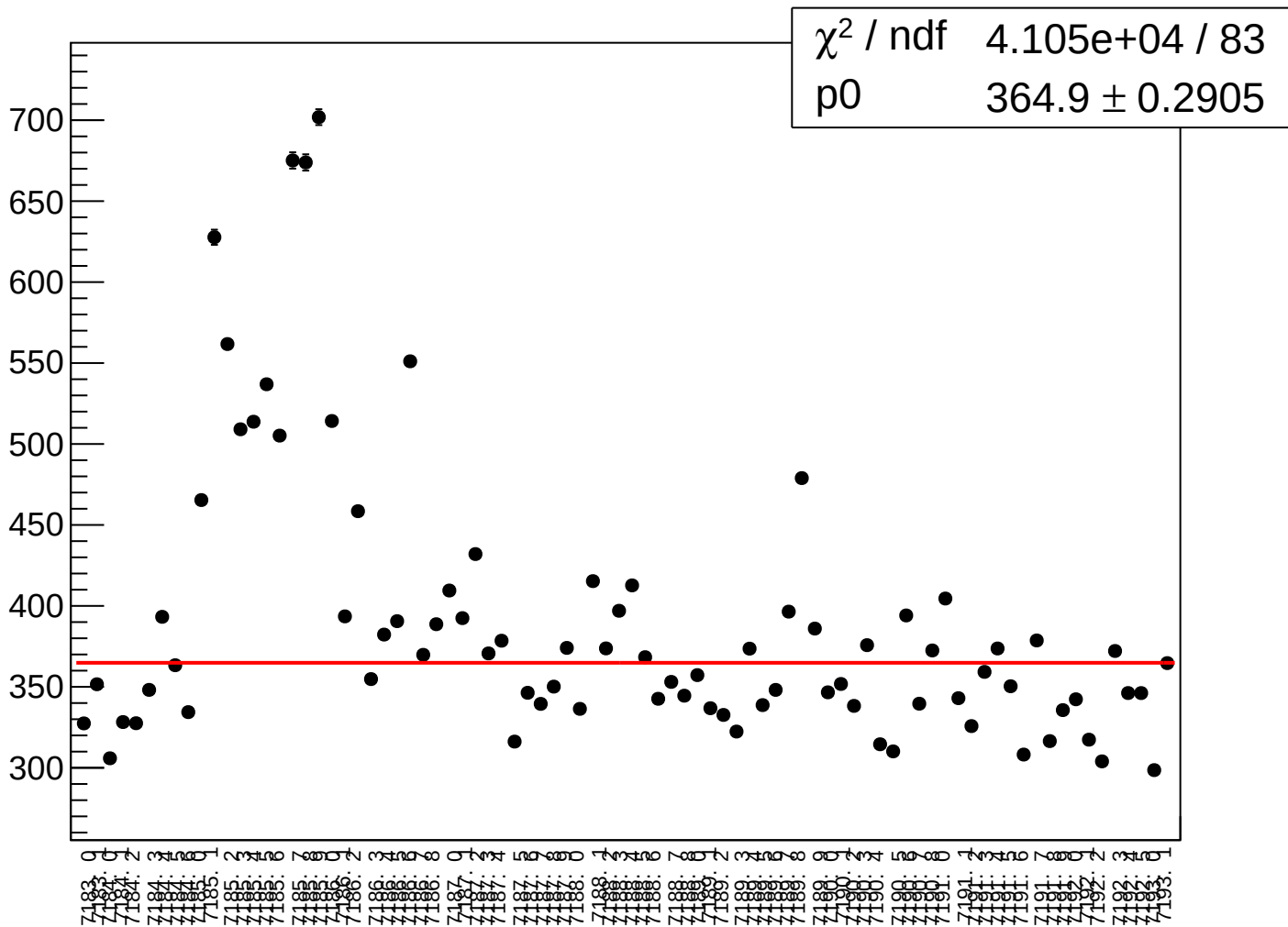
sum10

Entries	84
Mean	0.001315
Std Dev	0.9847

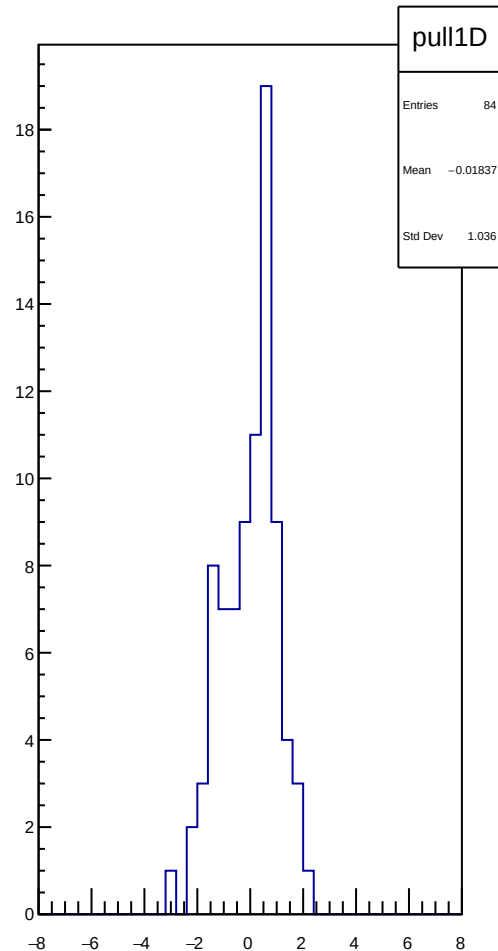
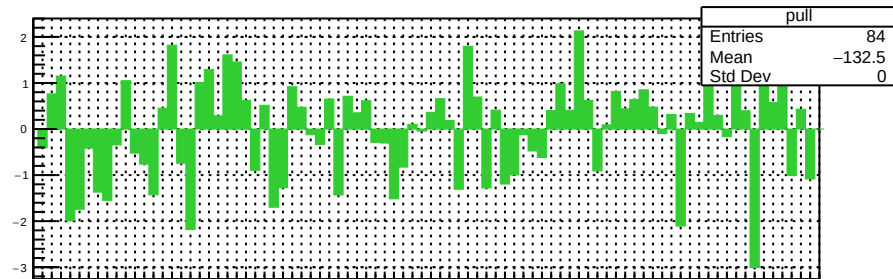
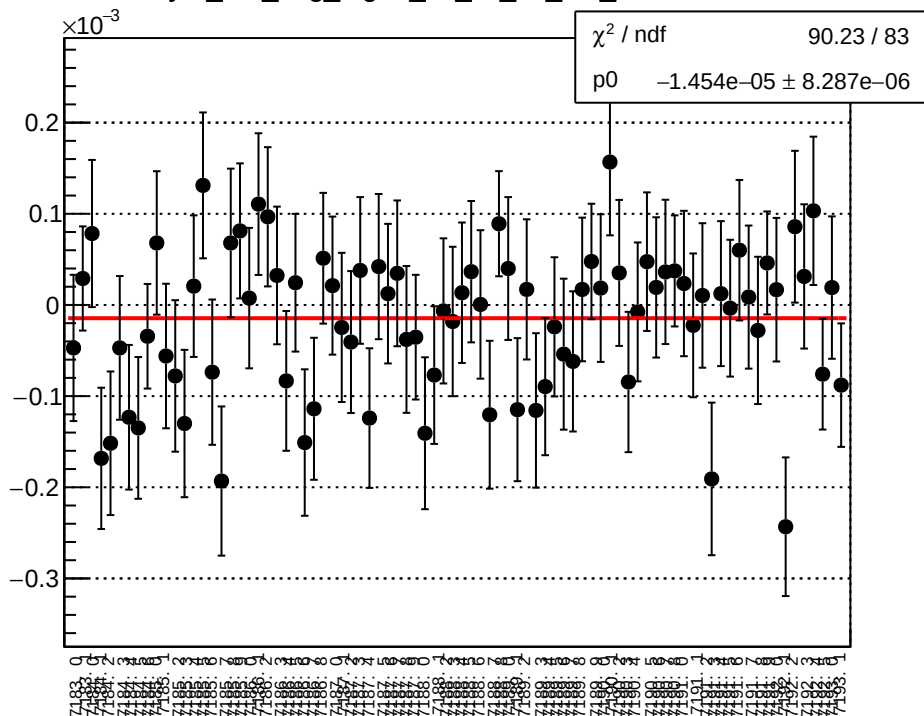
The histogram displays the frequency distribution of the variable 'sum10'. The x-axis ranges from -8 to 8, and the y-axis (frequency) ranges from 0 to 14. The distribution is unimodal and centered near 0, with a peak frequency of 15. There are a few outliers at the extremes, with frequencies of 1 at approximately -2.5, 3.5, and 4.5.



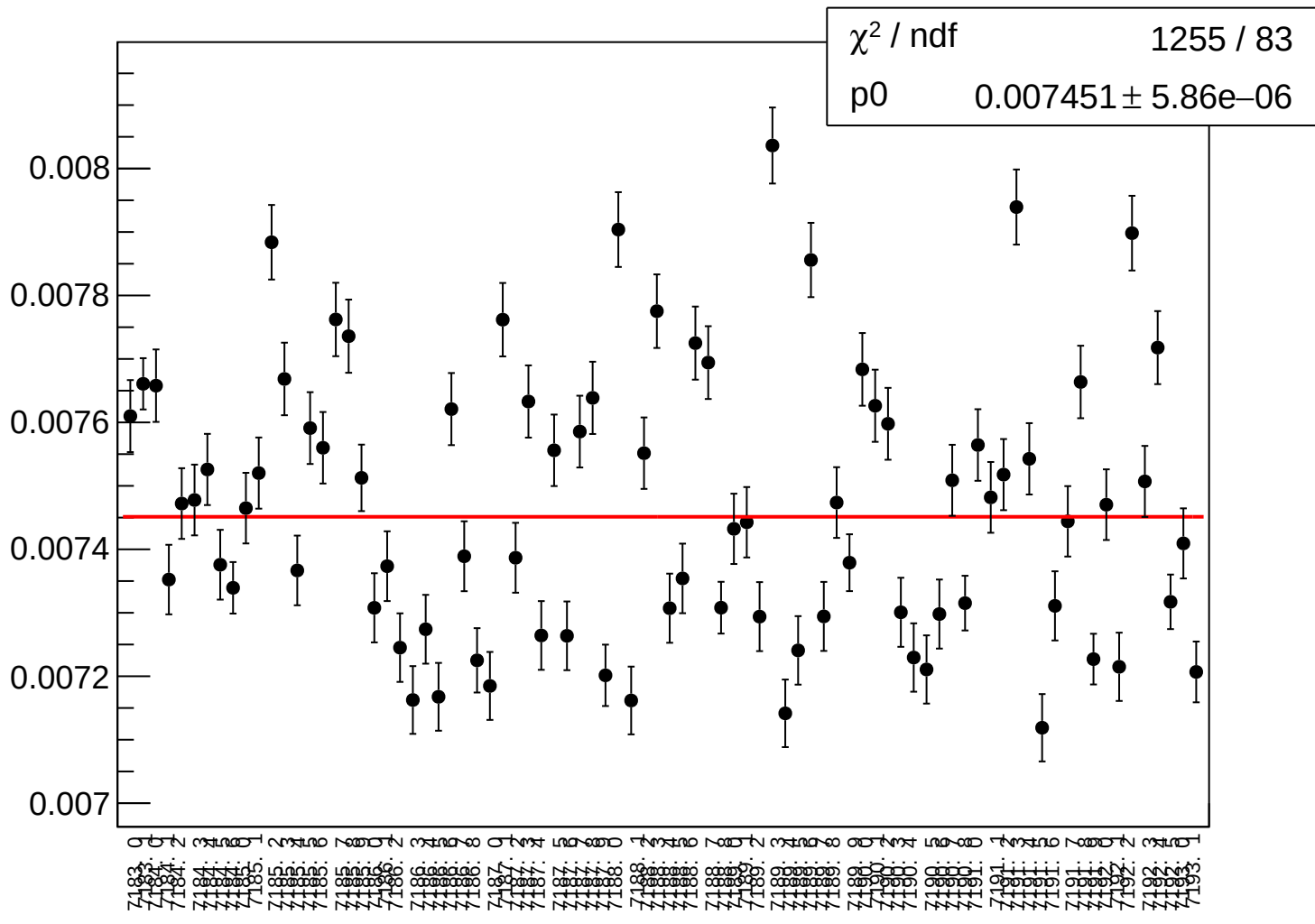
asym_at2_avg_dit_vs_eigen_cor_diff_rms vs run



asym_at2_avg_eigen_dit_vs_dit_diff_mean vs run

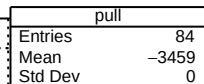
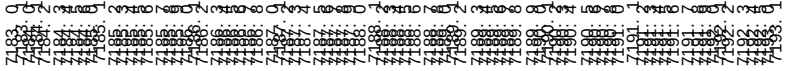


asym_at2_avg_eigen_dit_vs_dit_diff_rms vs run

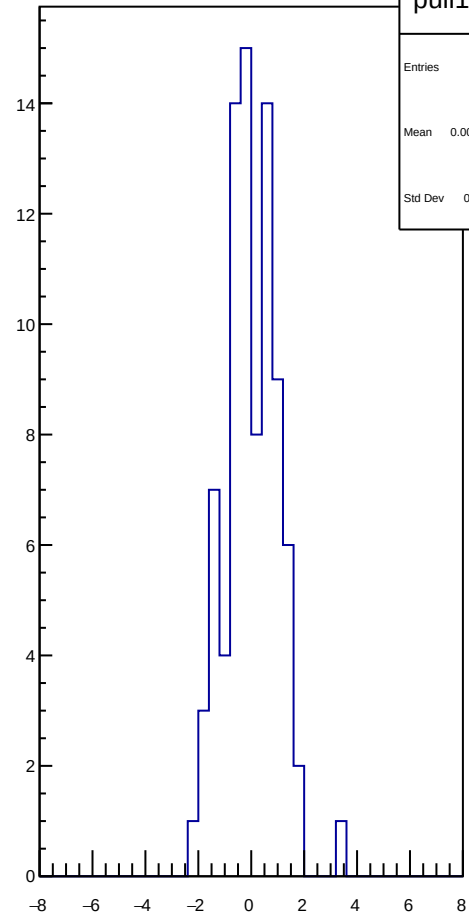


χ^2 / ndf 81.45
 p_0 0.1801 ± 0.0014

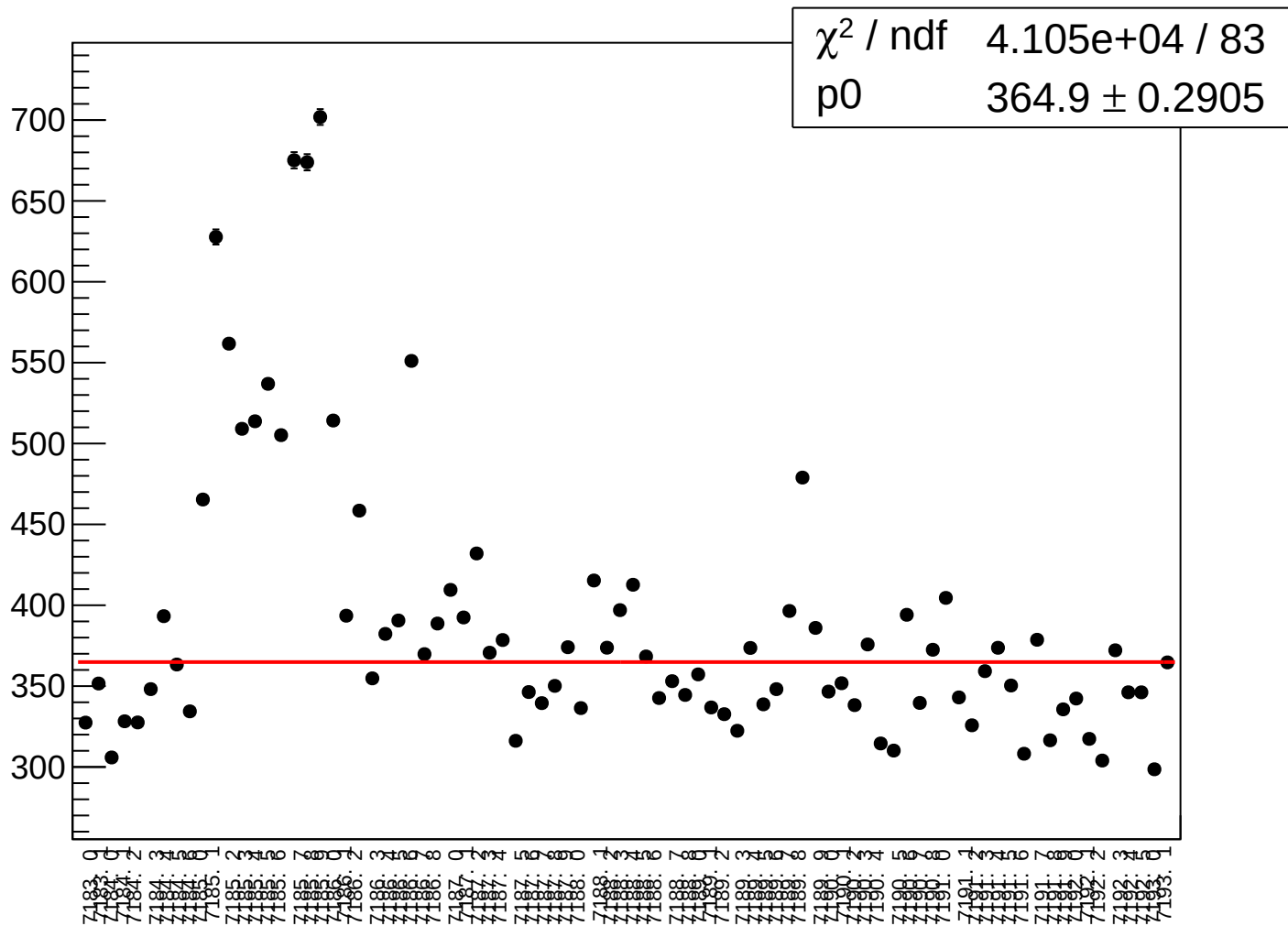
81.45 / 83

 0.1801 ± 0.4109 

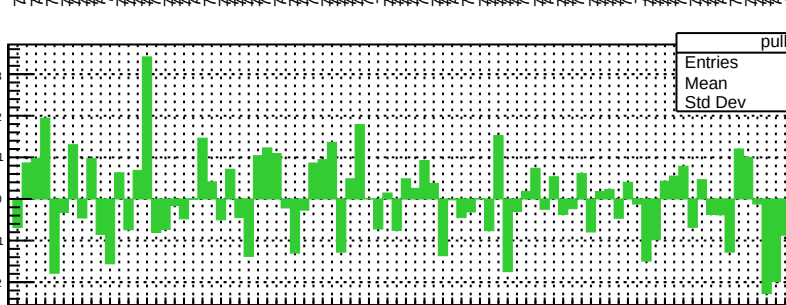
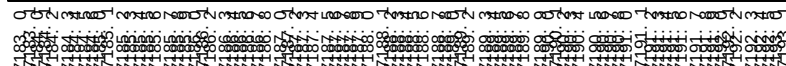
Entries	84
Mean	0.001315
Std Dev	0.9847



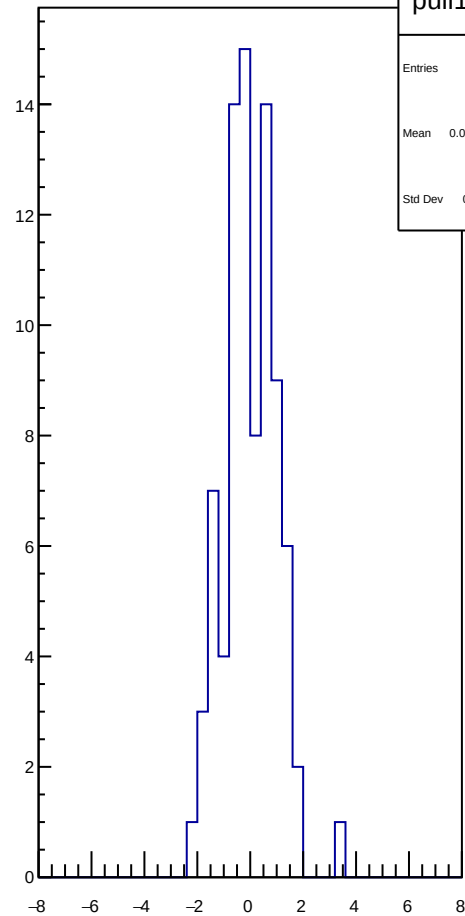
asym_at2_avg_eigen_dit_vs_cor_diff_rms vs run



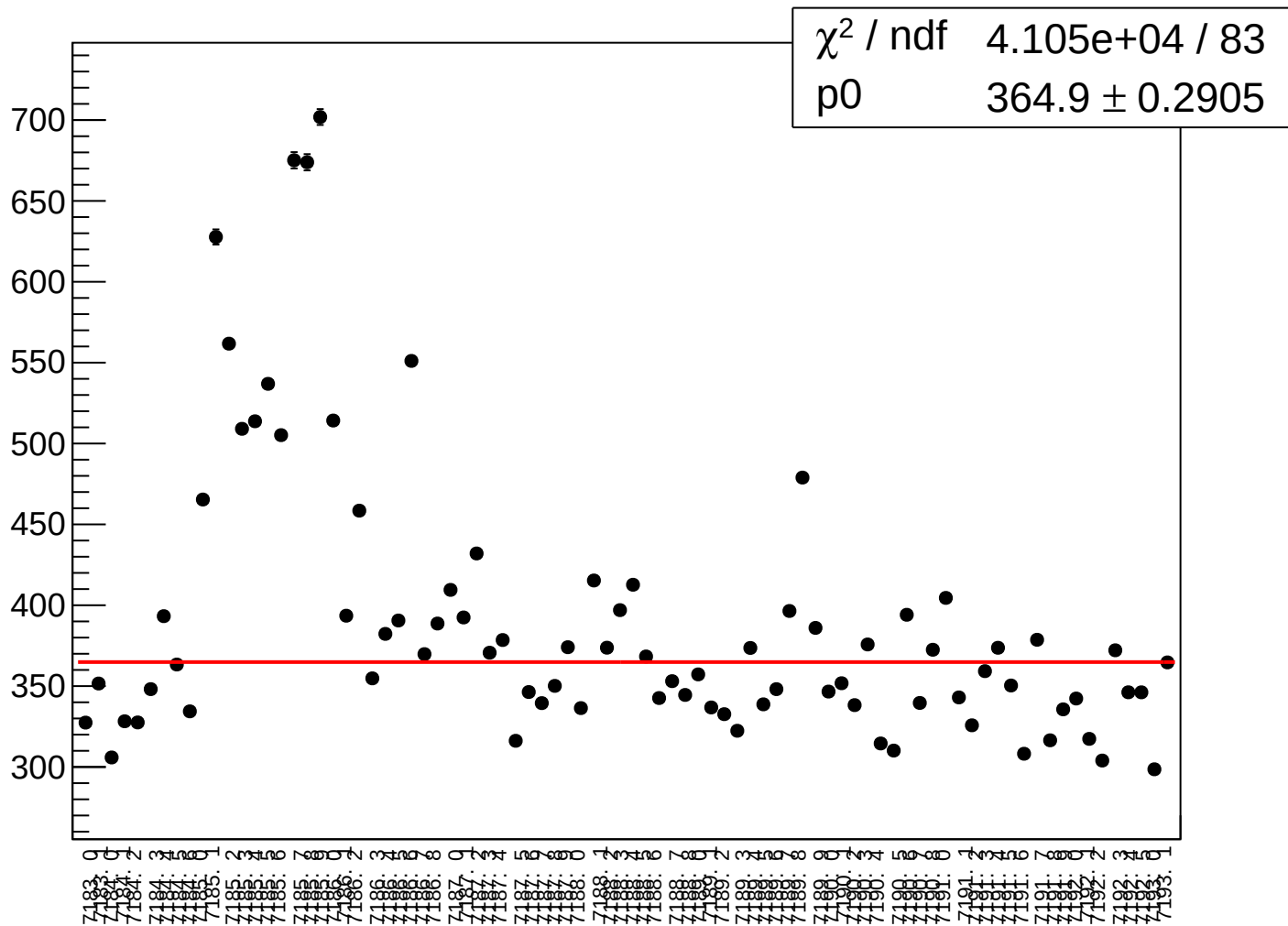
χ^2 / ndf	81.45 / 83
p0	0.1801 ± 0.4109



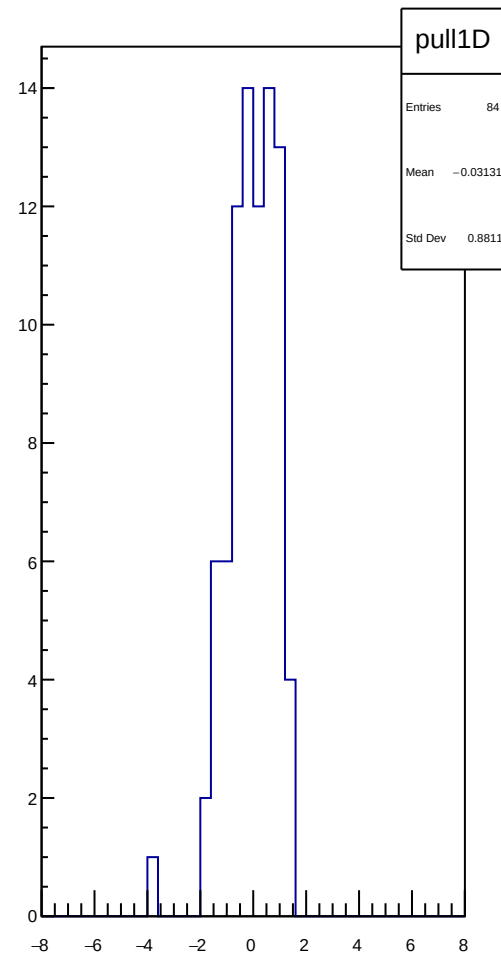
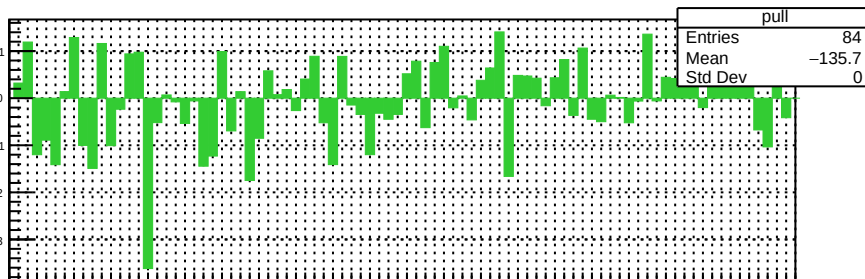
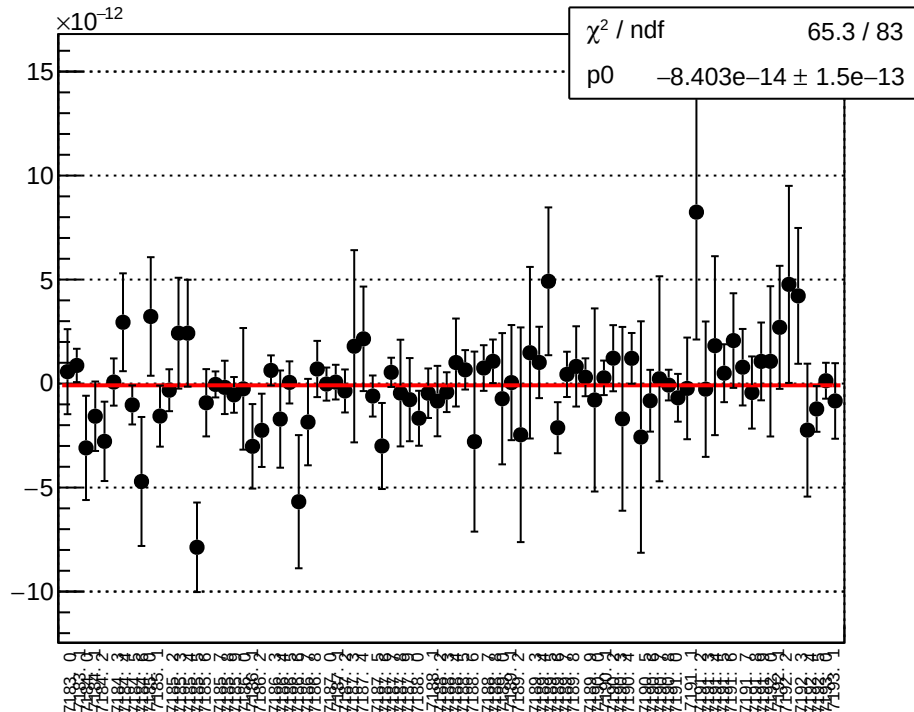
Entries	84
Mean	0.001315
Std Dev	0.9847



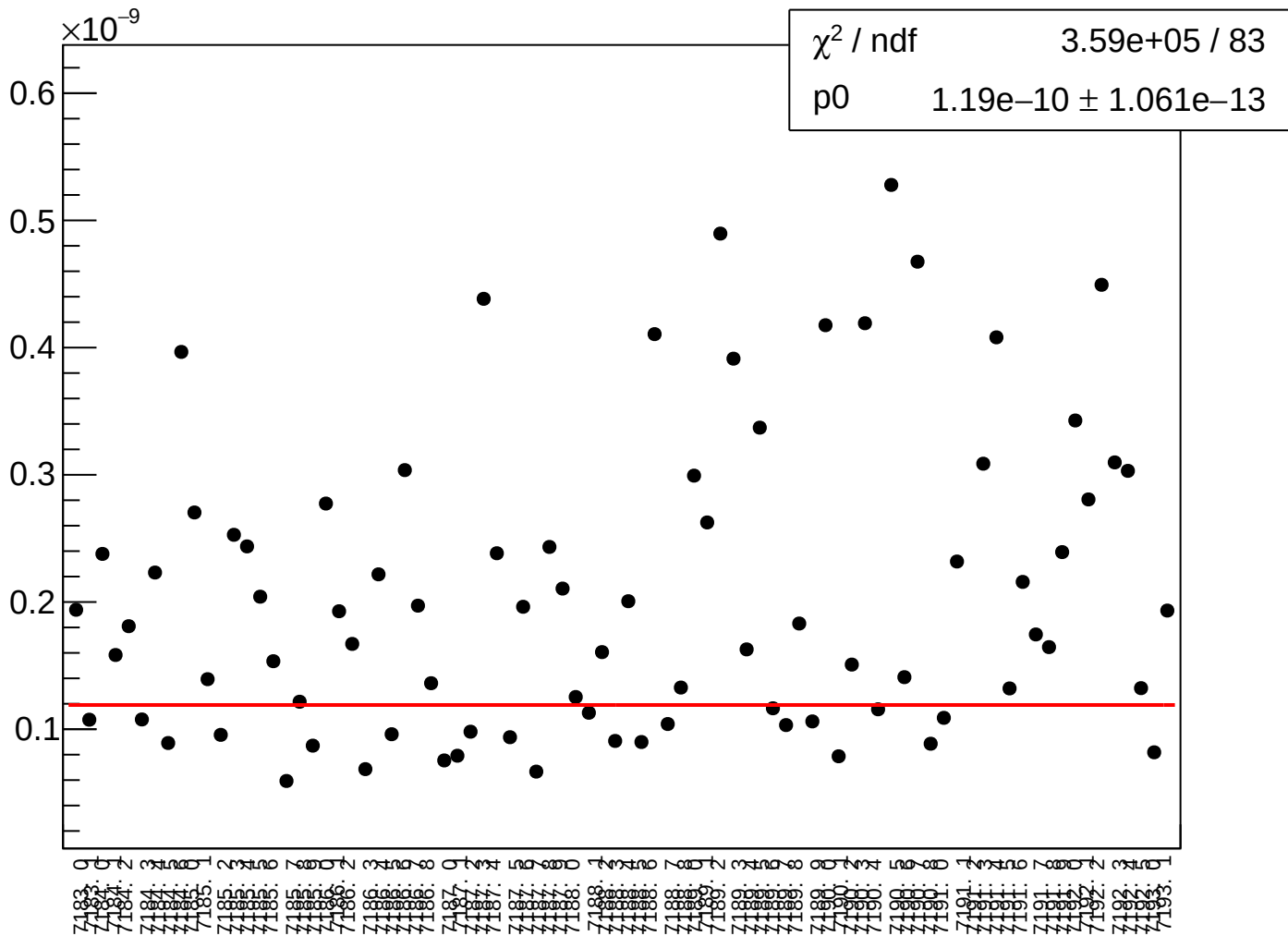
asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



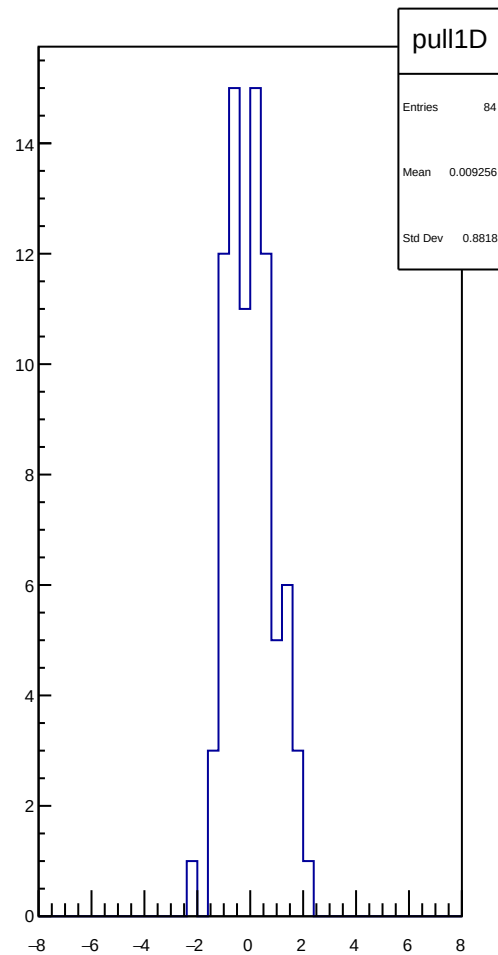
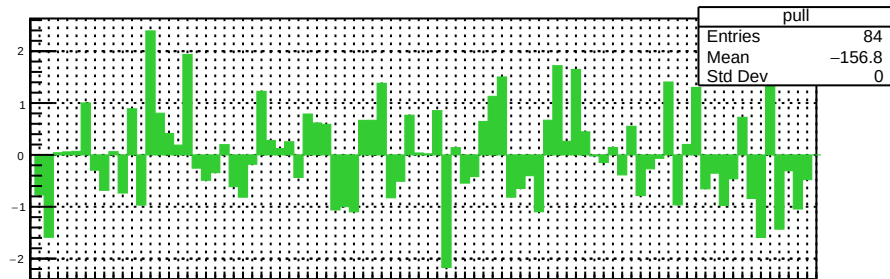
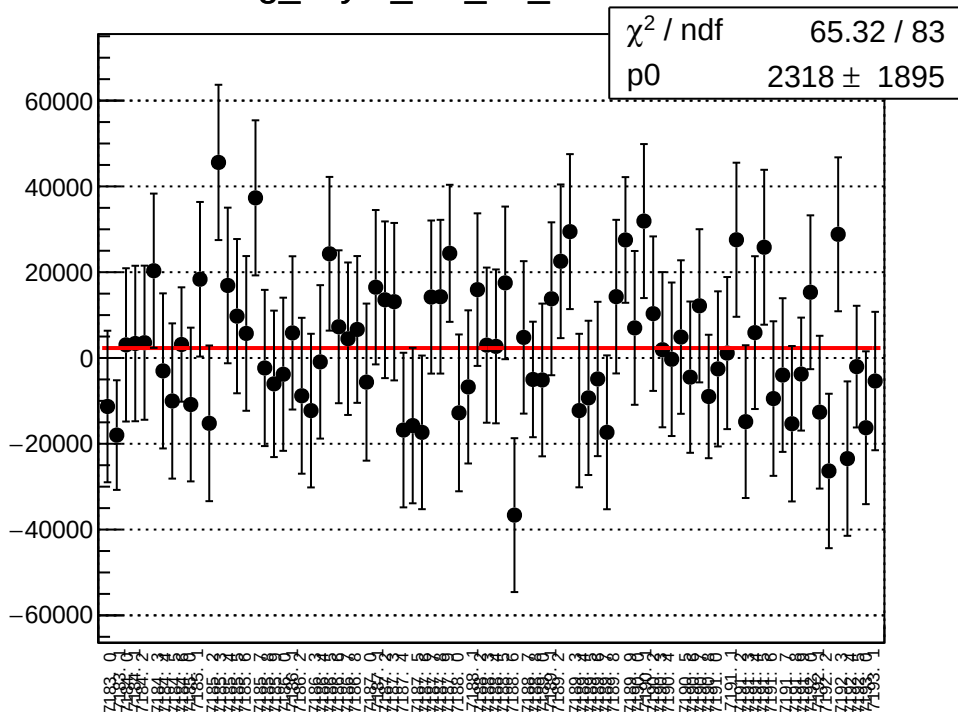
asym_at2_avg_eigen_cor_vs_cor_diff_mean vs run



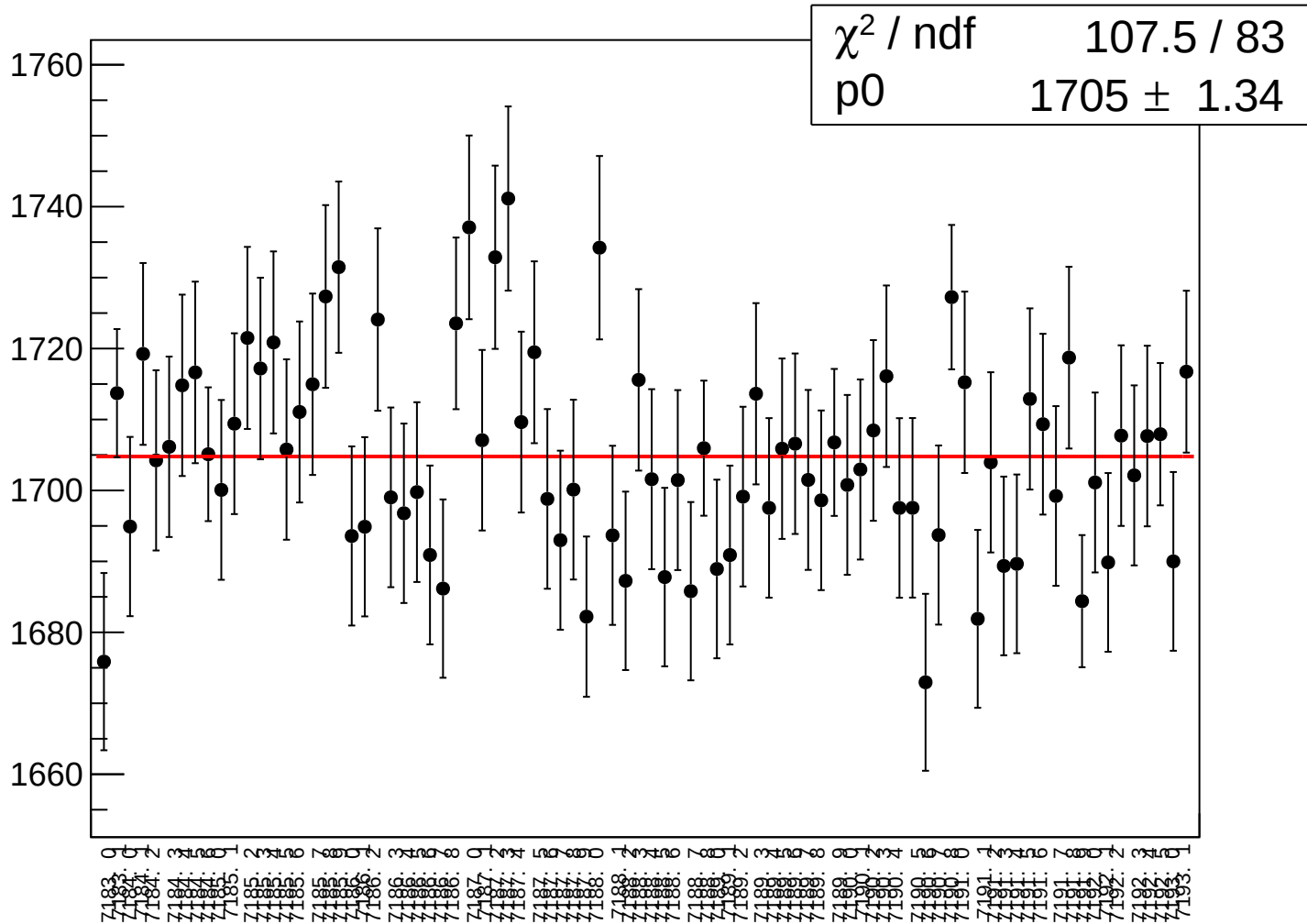
asym_at2_avg_eigen_cor_vs_cor_diff_rms vs run



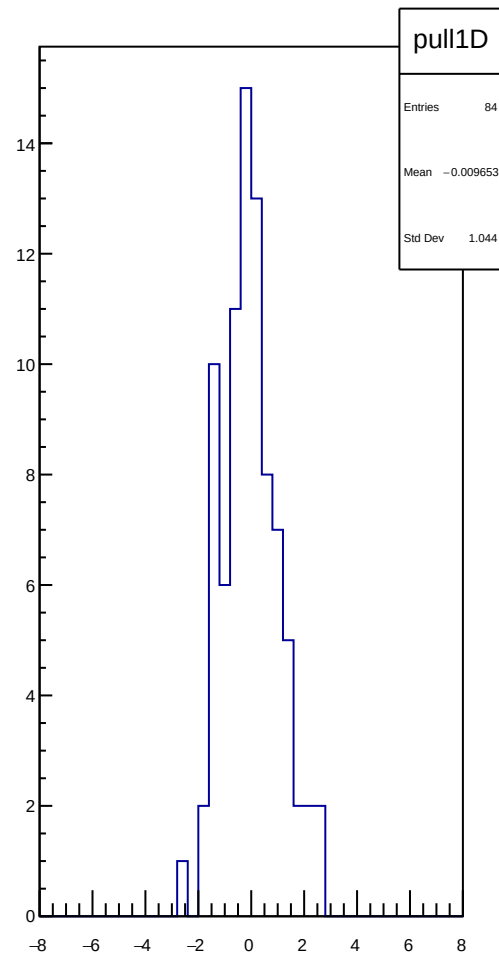
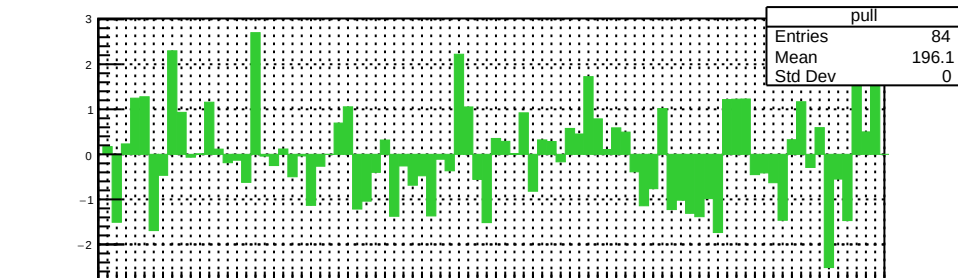
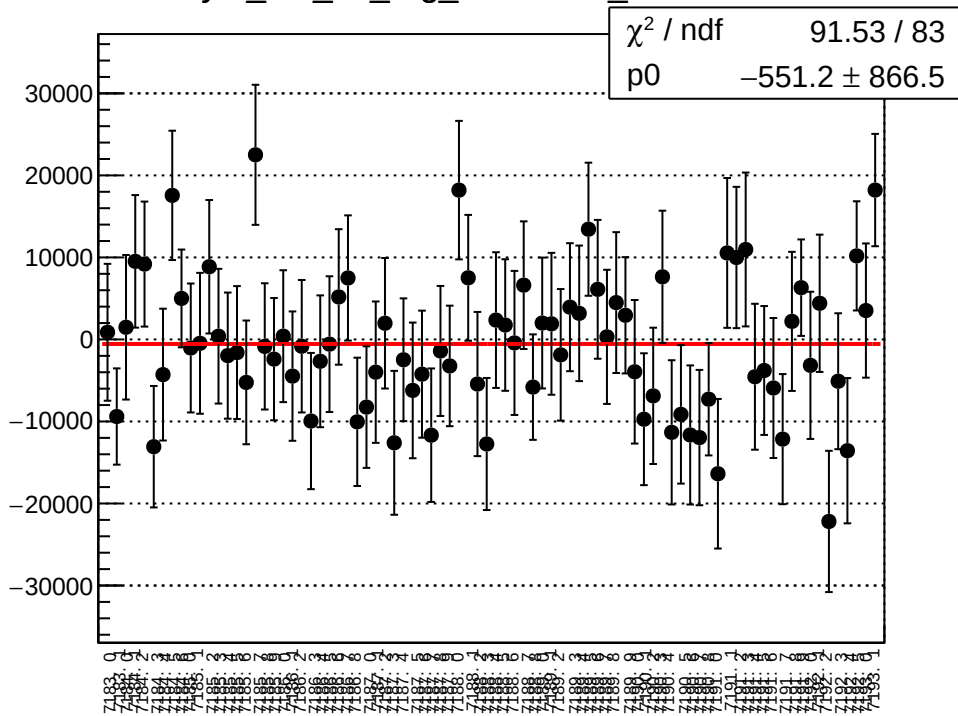
reg_asym_at2_dd_mean vs run



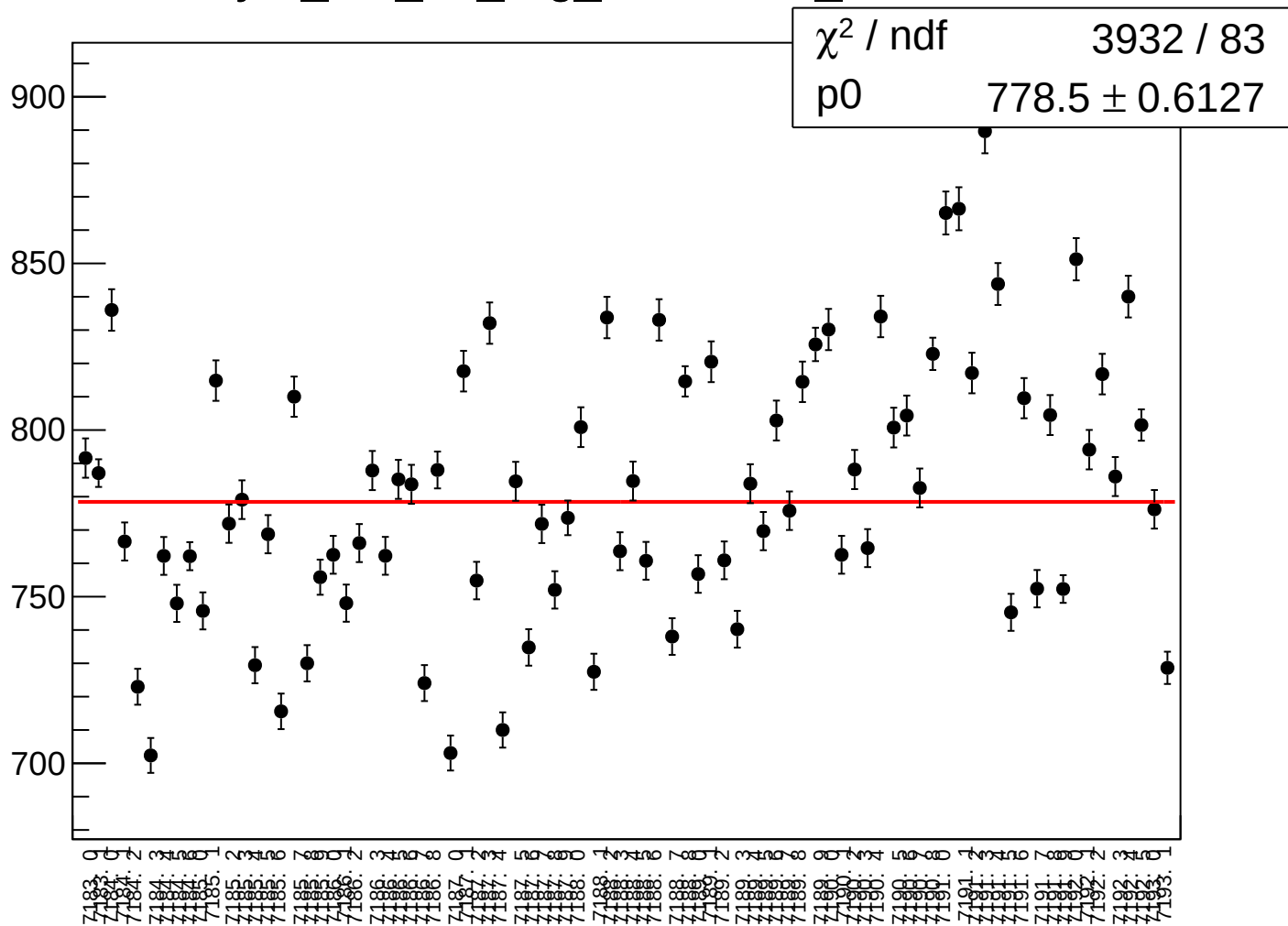
reg_asym_at2_dd_rms vs run



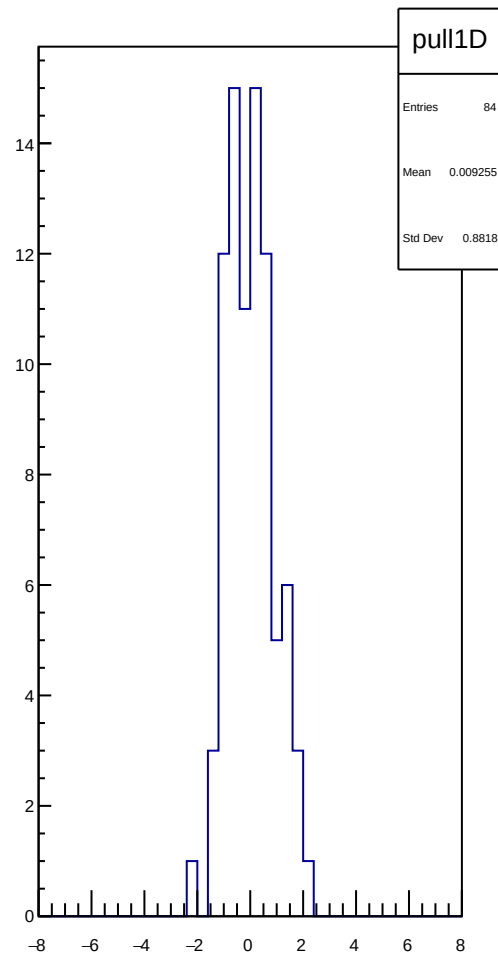
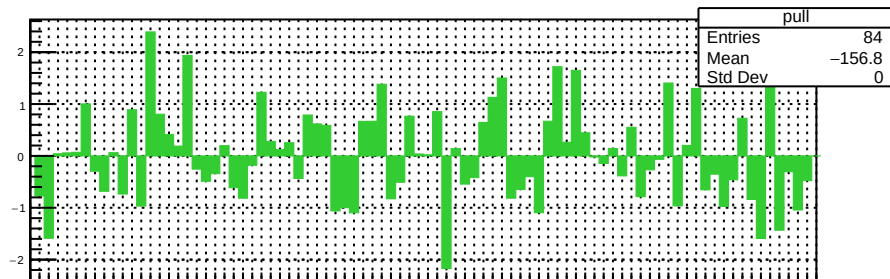
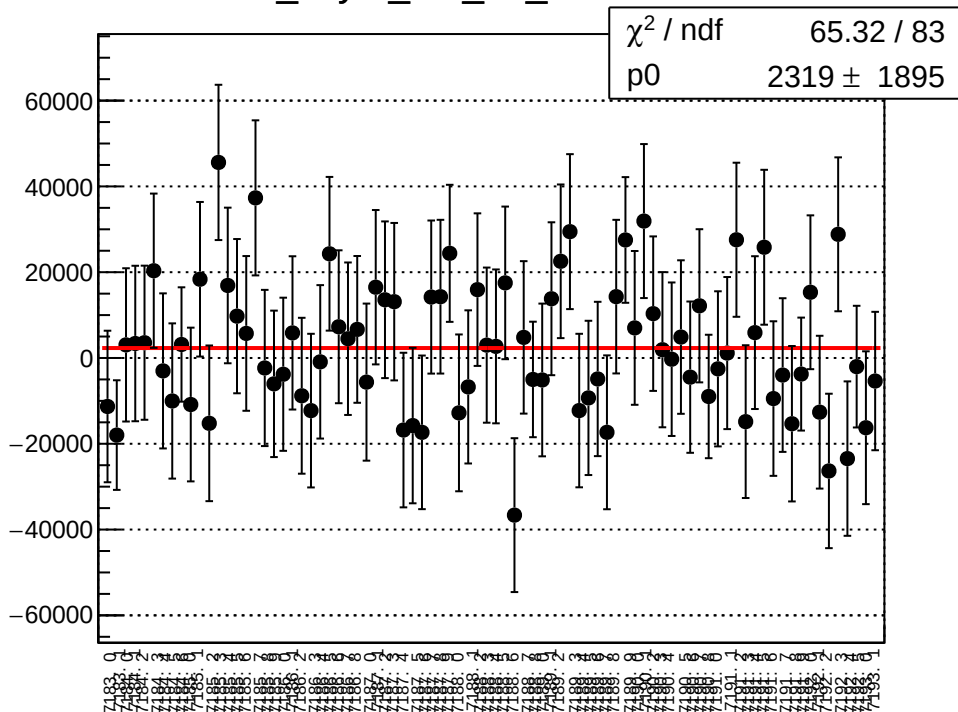
asym_at2_dd_reg_correction_mean vs run



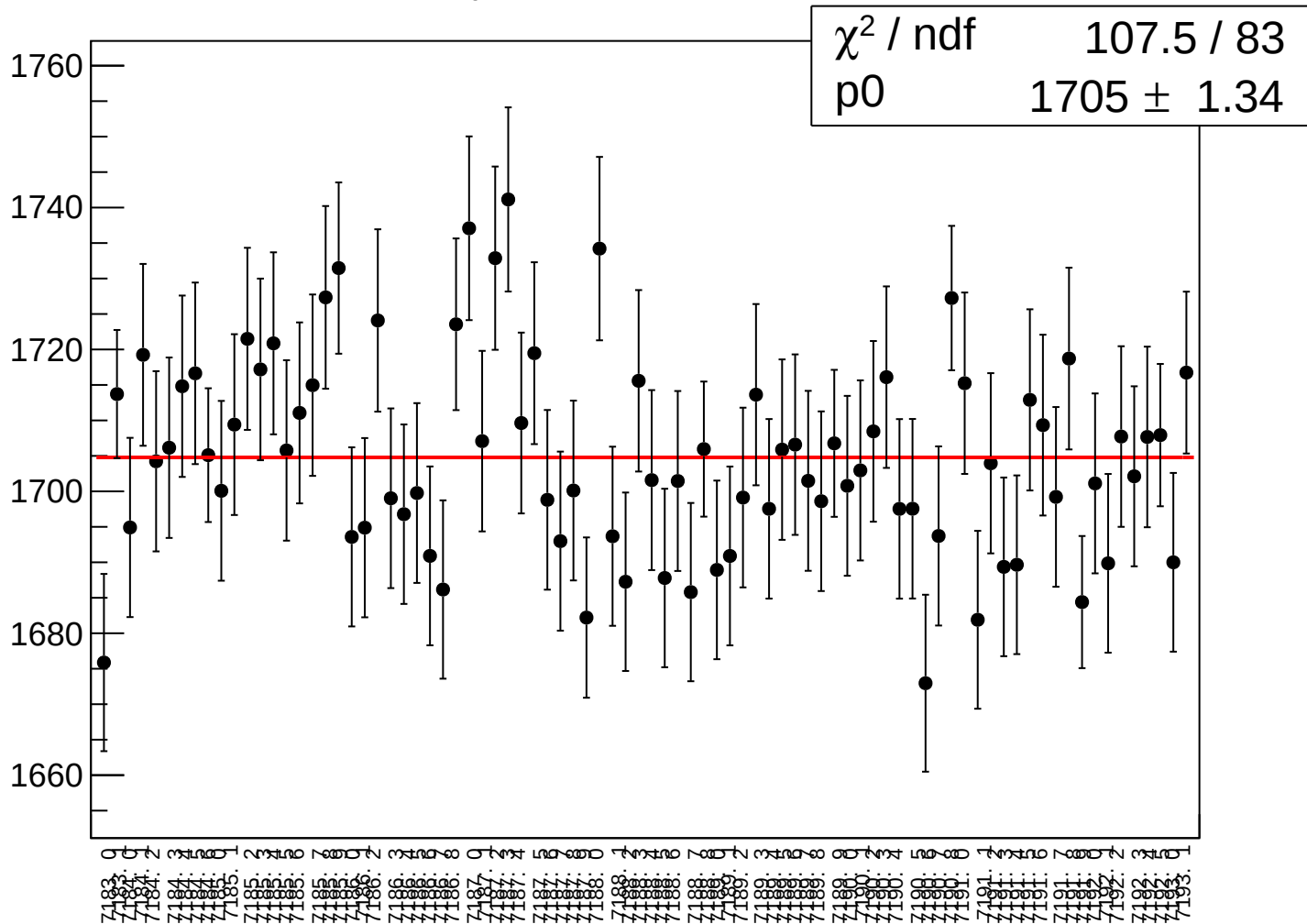
asym_at2_dd_reg_correction_rms vs run



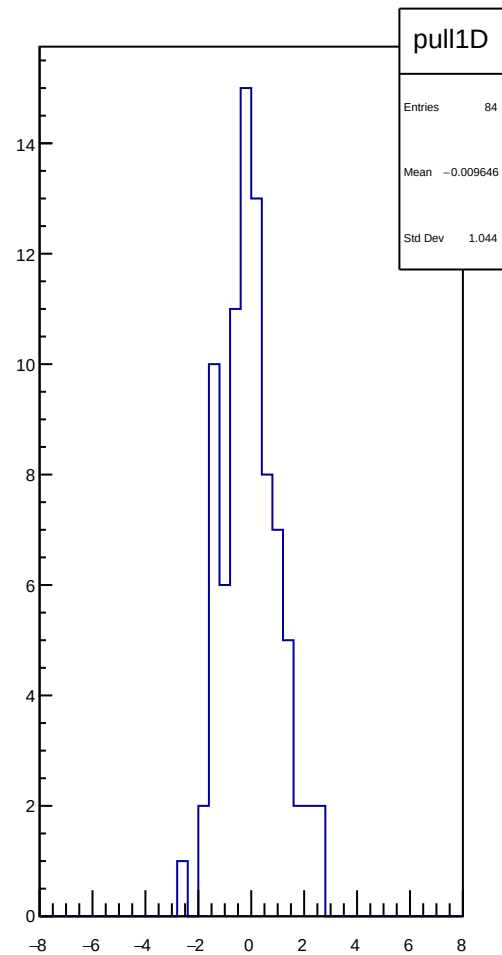
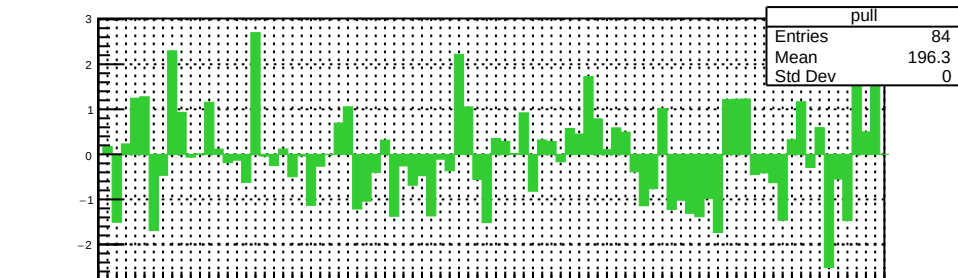
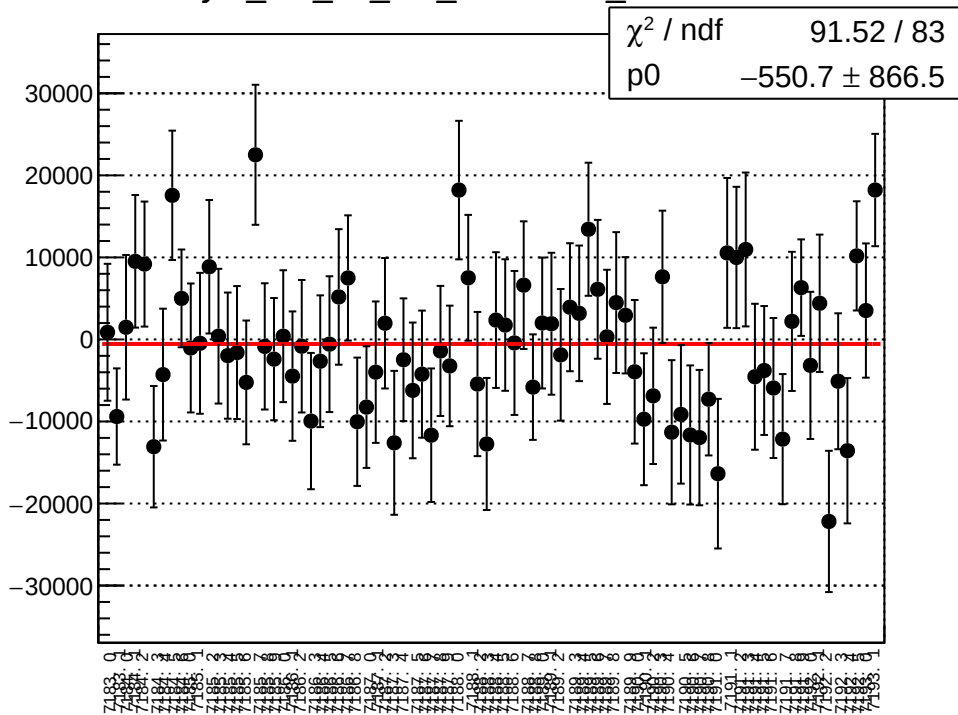
cor_asym_at2_dd_mean vs run



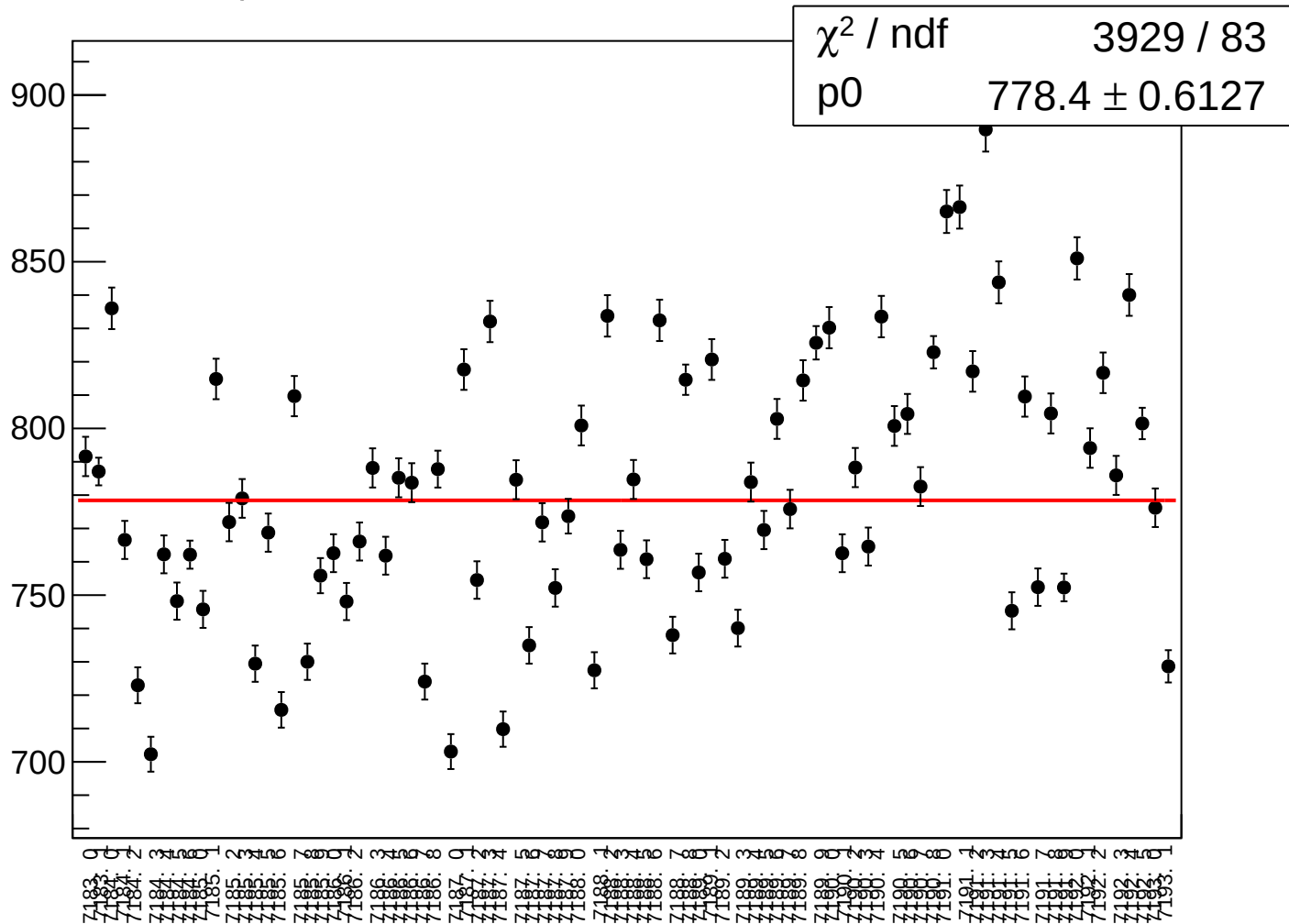
cor_asym_at2_dd_rms vs run



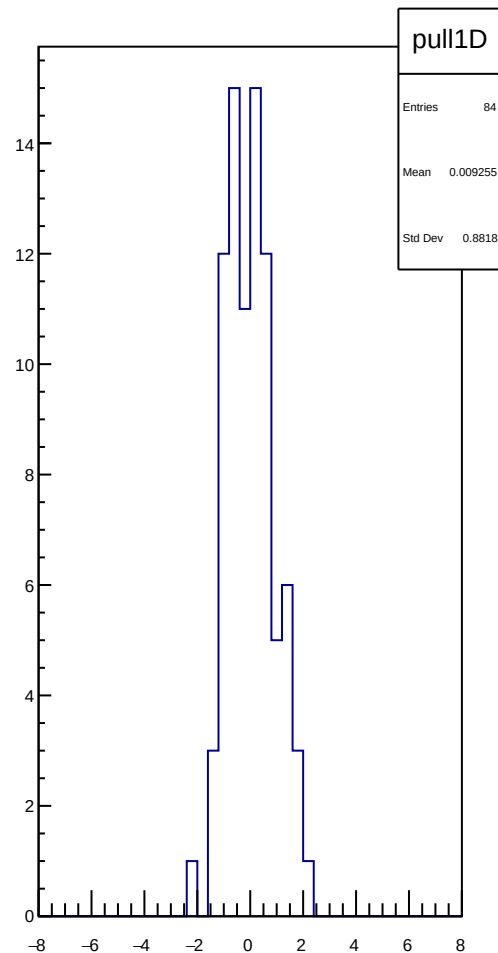
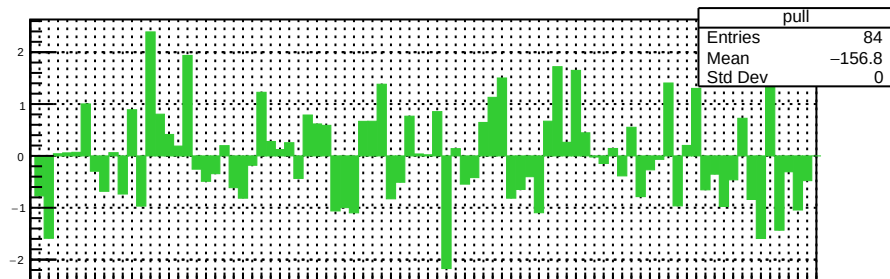
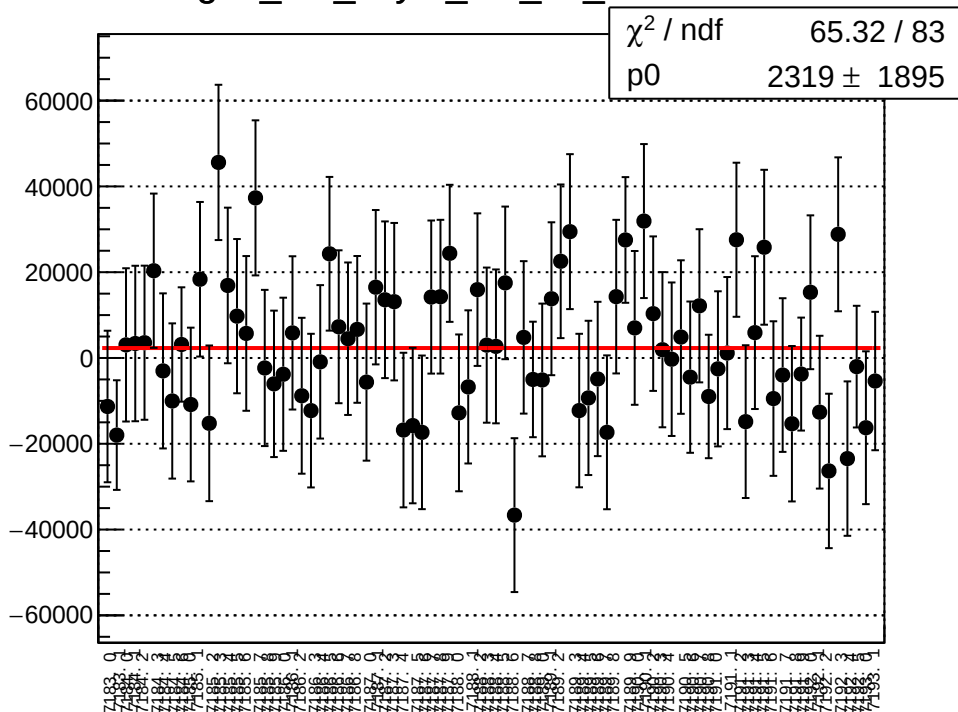
asym_at2_dd_cor_correction_mean vs run



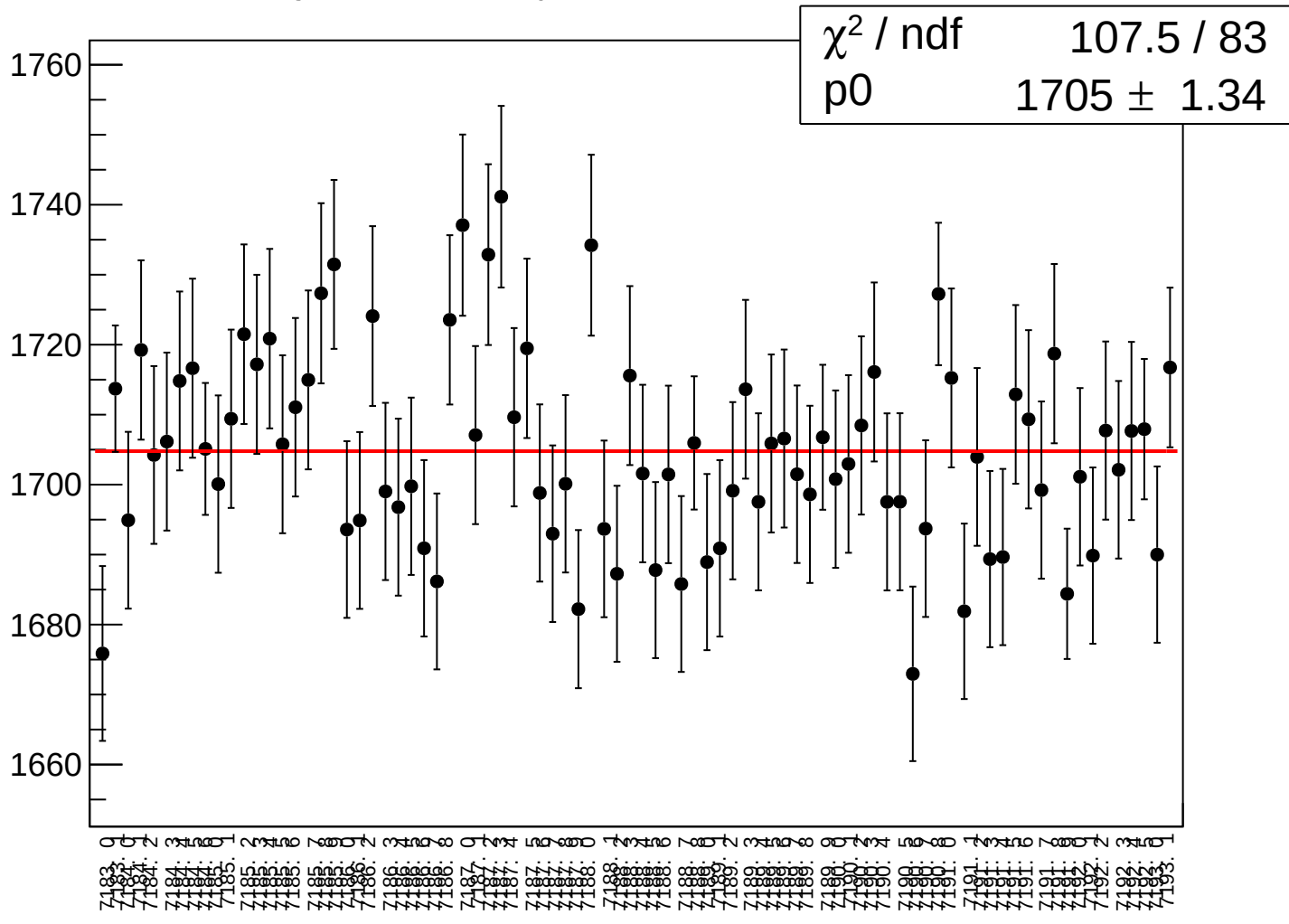
asym_at2_dd_cor_correction_rms vs run



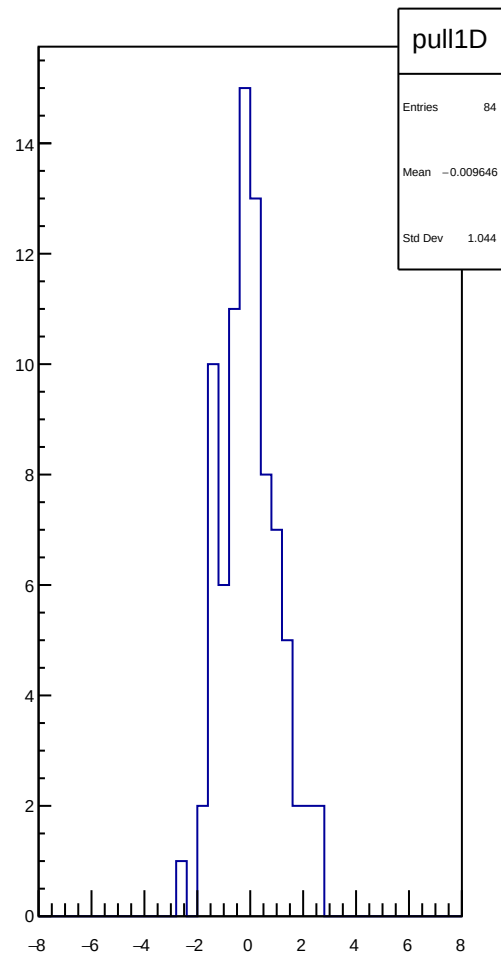
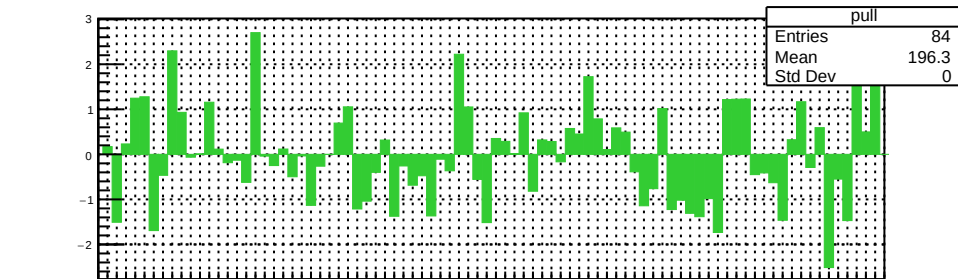
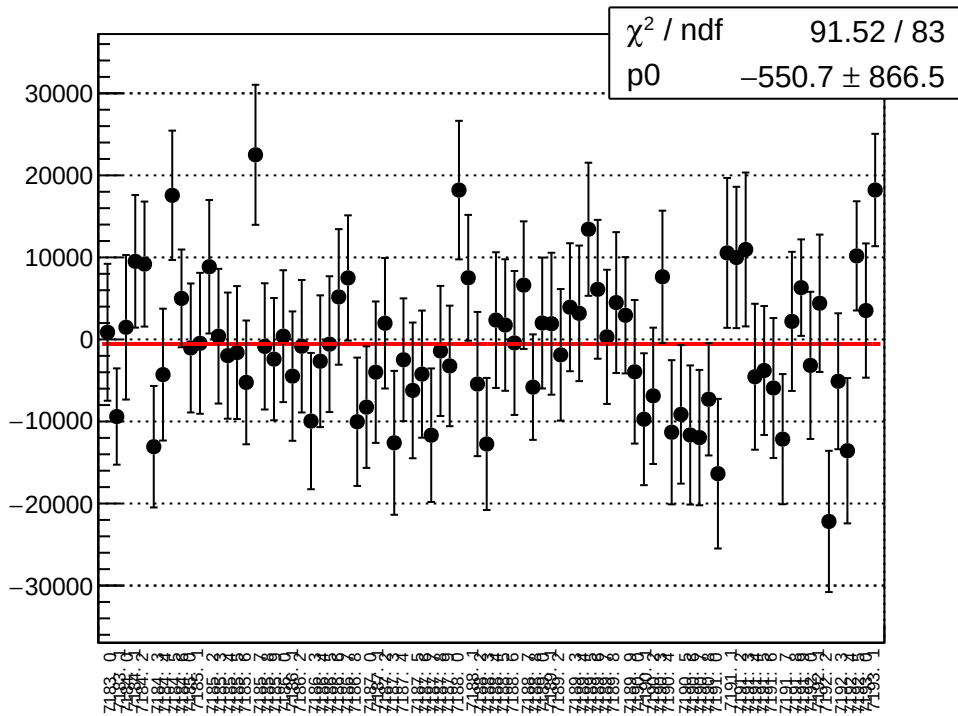
eigen_cor_asym_at2_dd_mean vs run



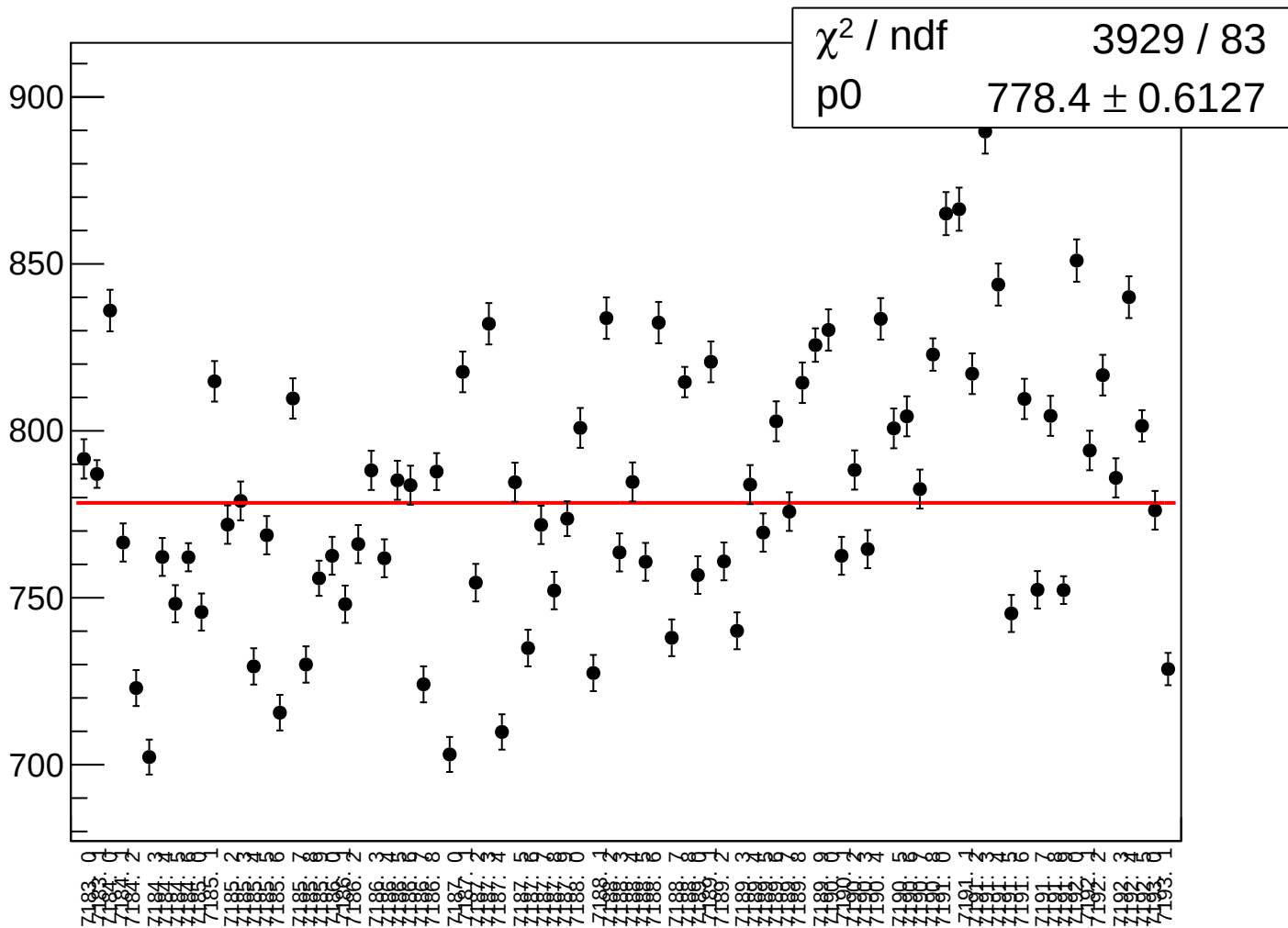
eigen_cor_asym_at2_dd_rms vs run



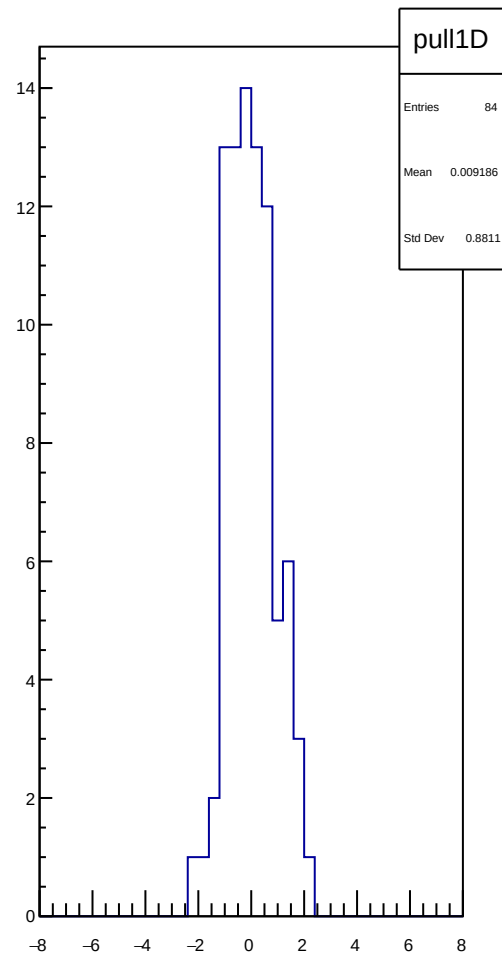
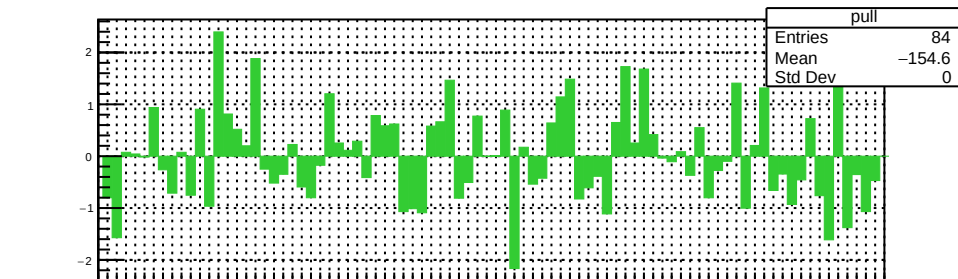
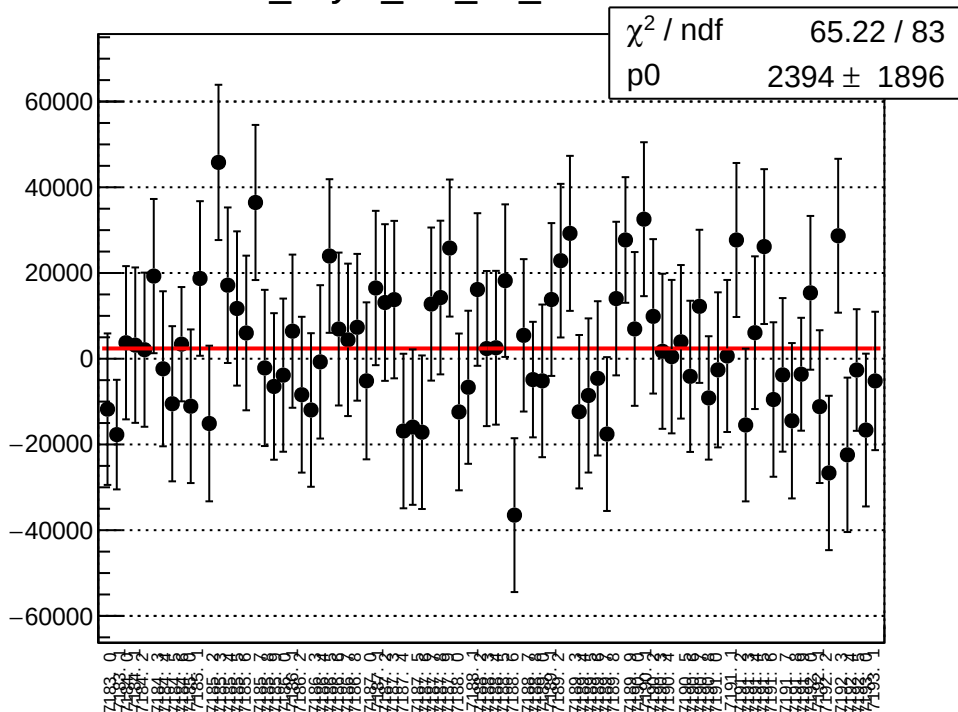
asym_at2_dd_eigen_cor_correction_mean vs run



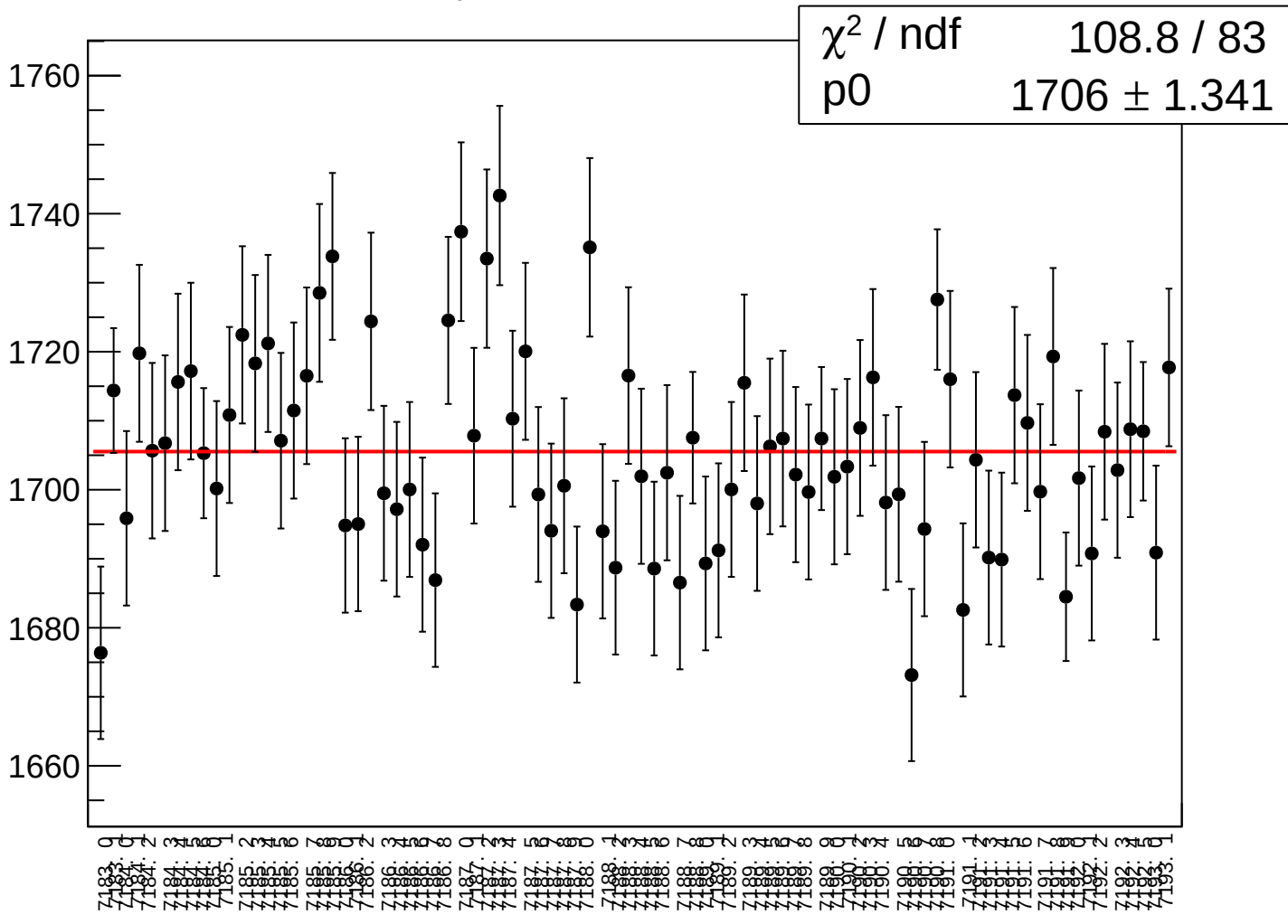
asym_at2_dd_eigen_cor_correction_rms vs run



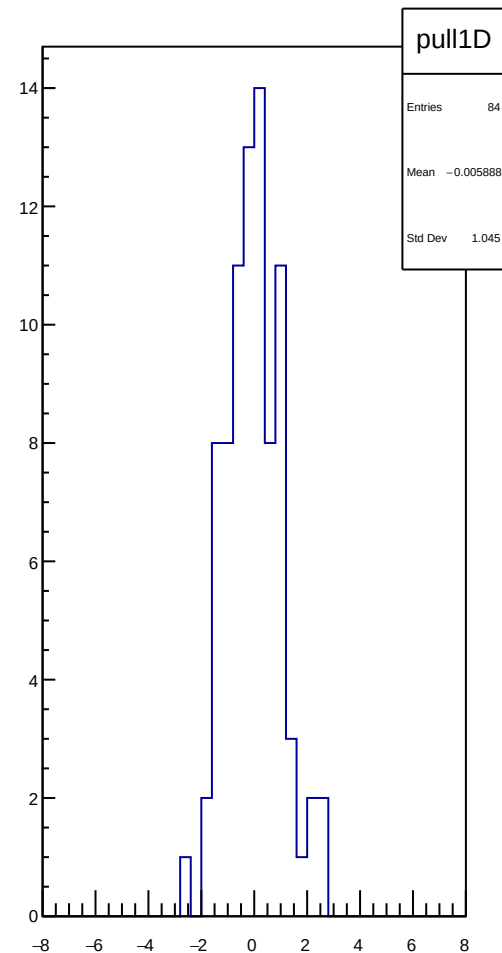
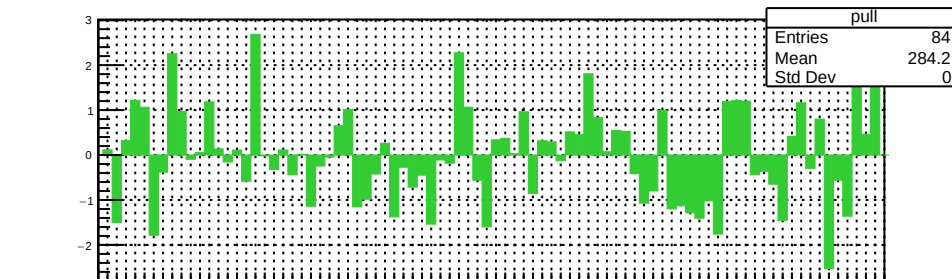
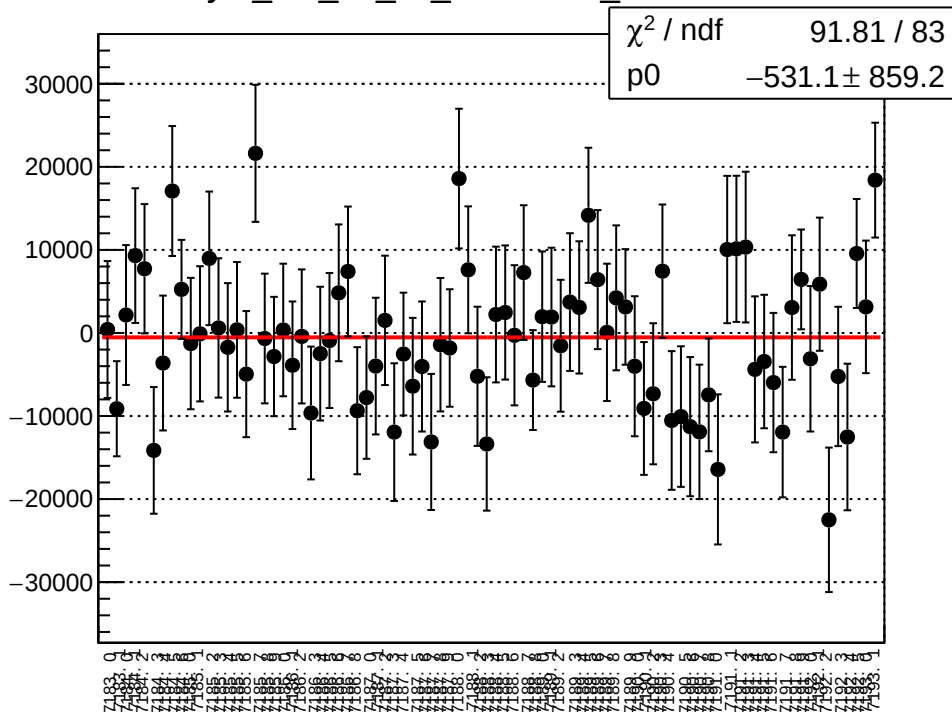
dit_asym_at2_dd_mean vs run



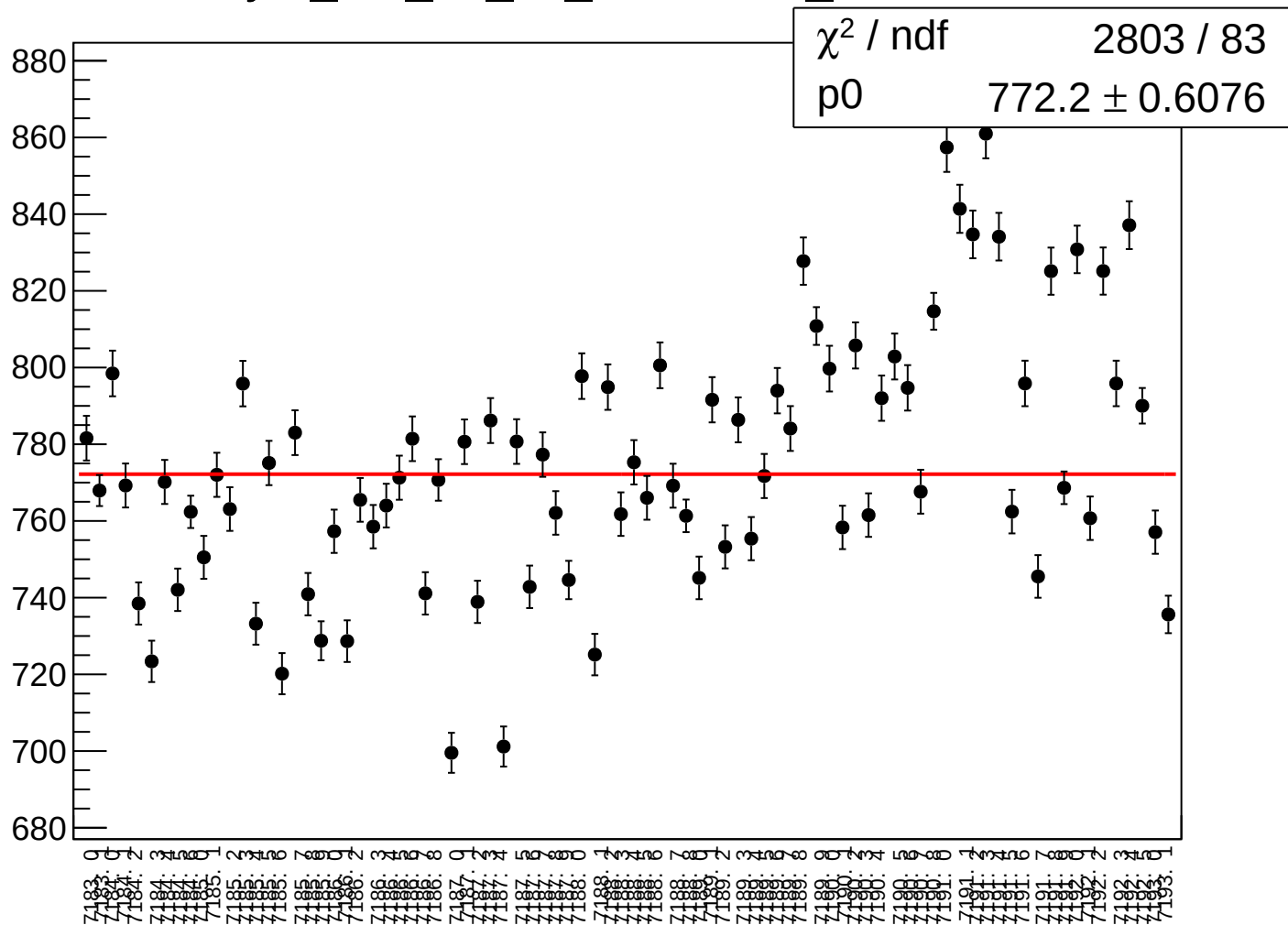
dit_asym_at2_dd_rms vs run



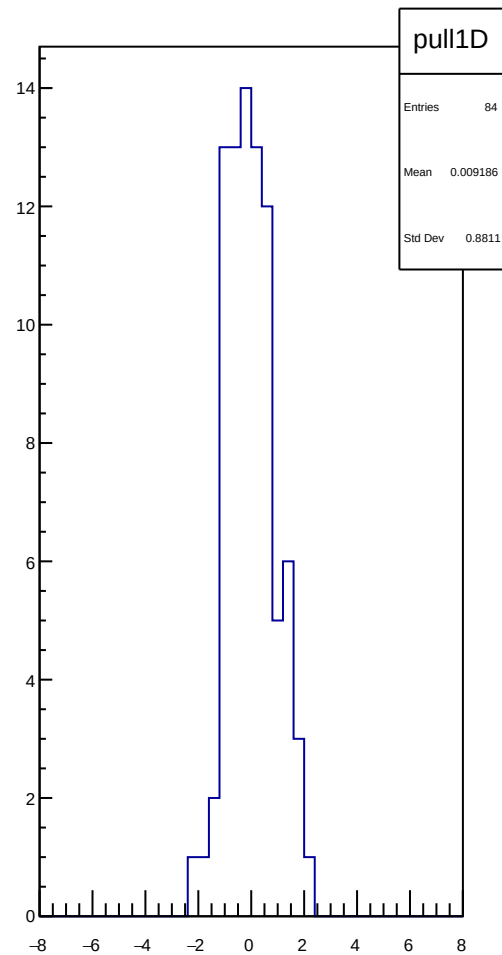
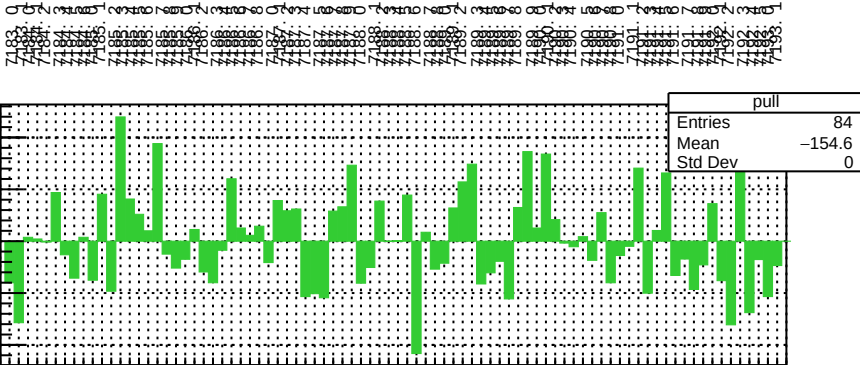
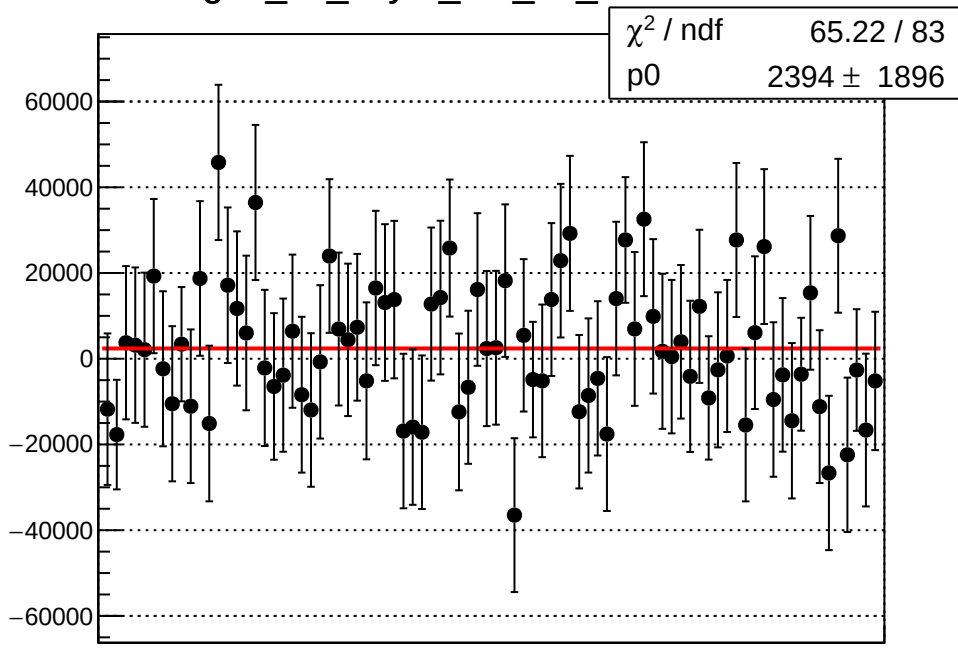
asym_at2_dd_dit_correction_mean vs run



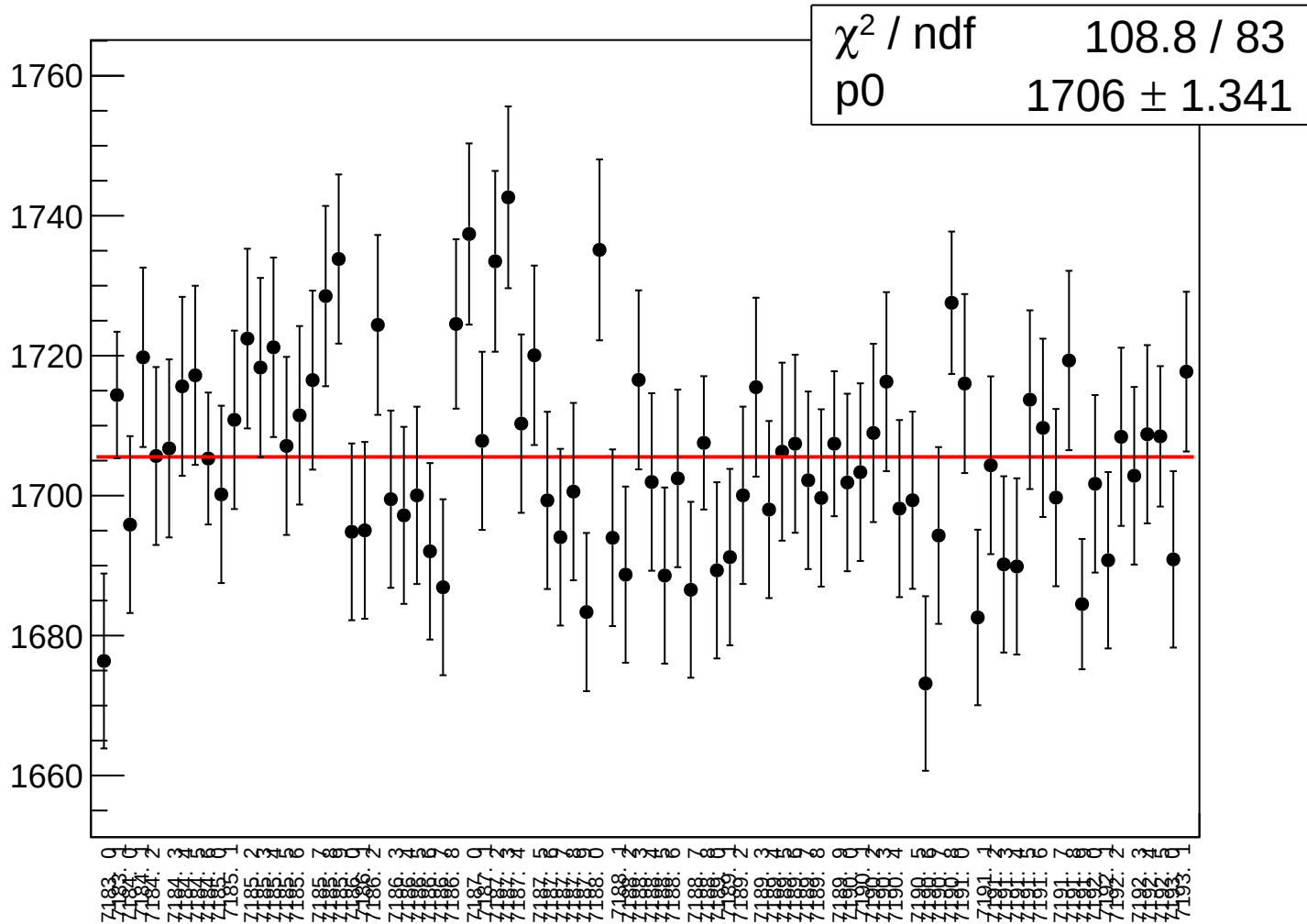
asym_at2_dd_dit_correction_rms vs run



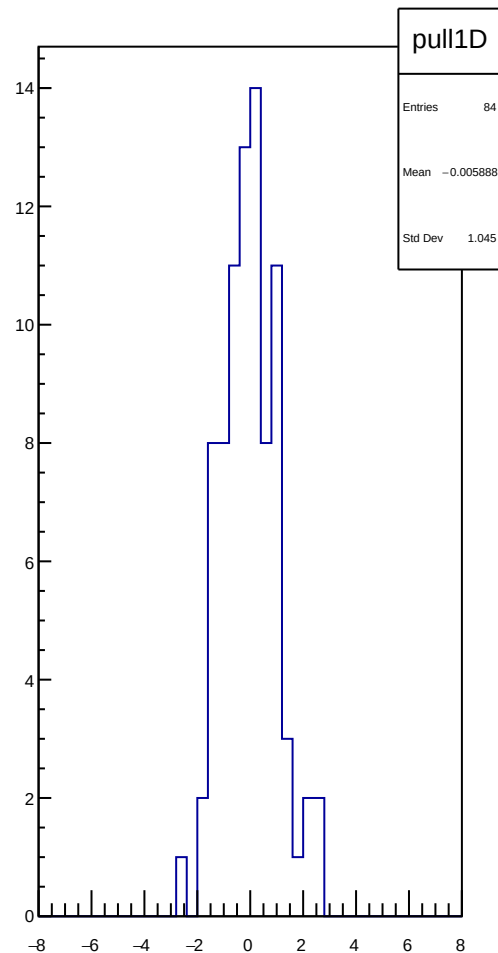
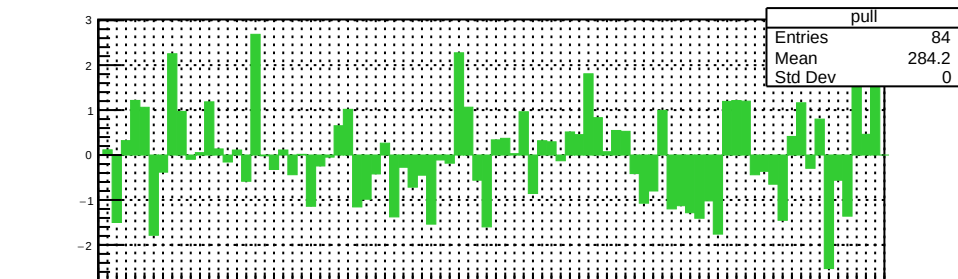
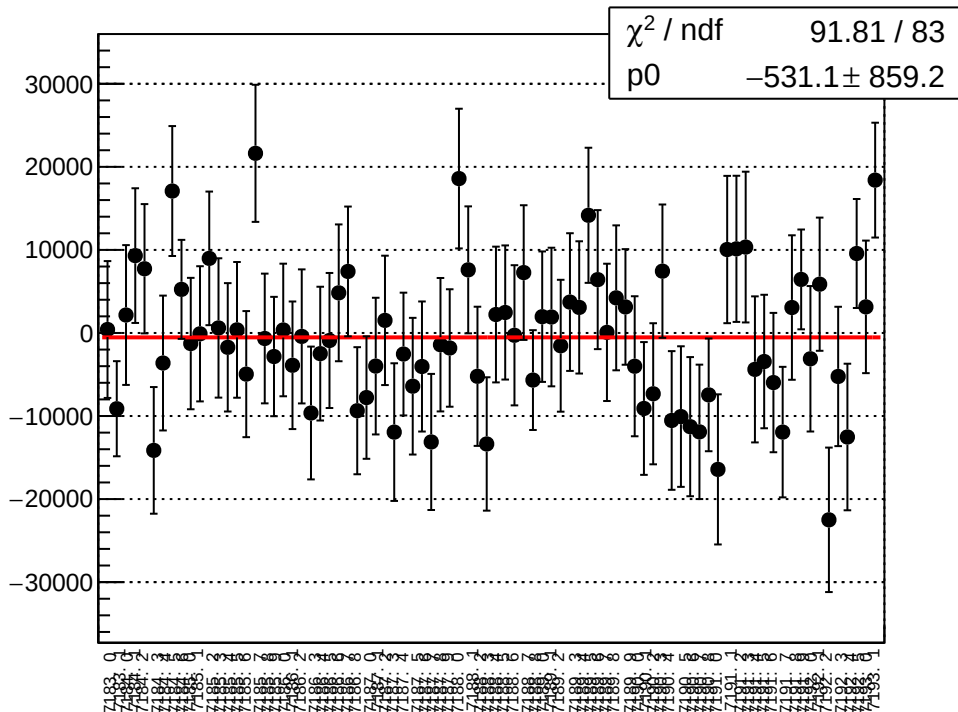
eigen_dit_asym_at2_dd_mean vs run



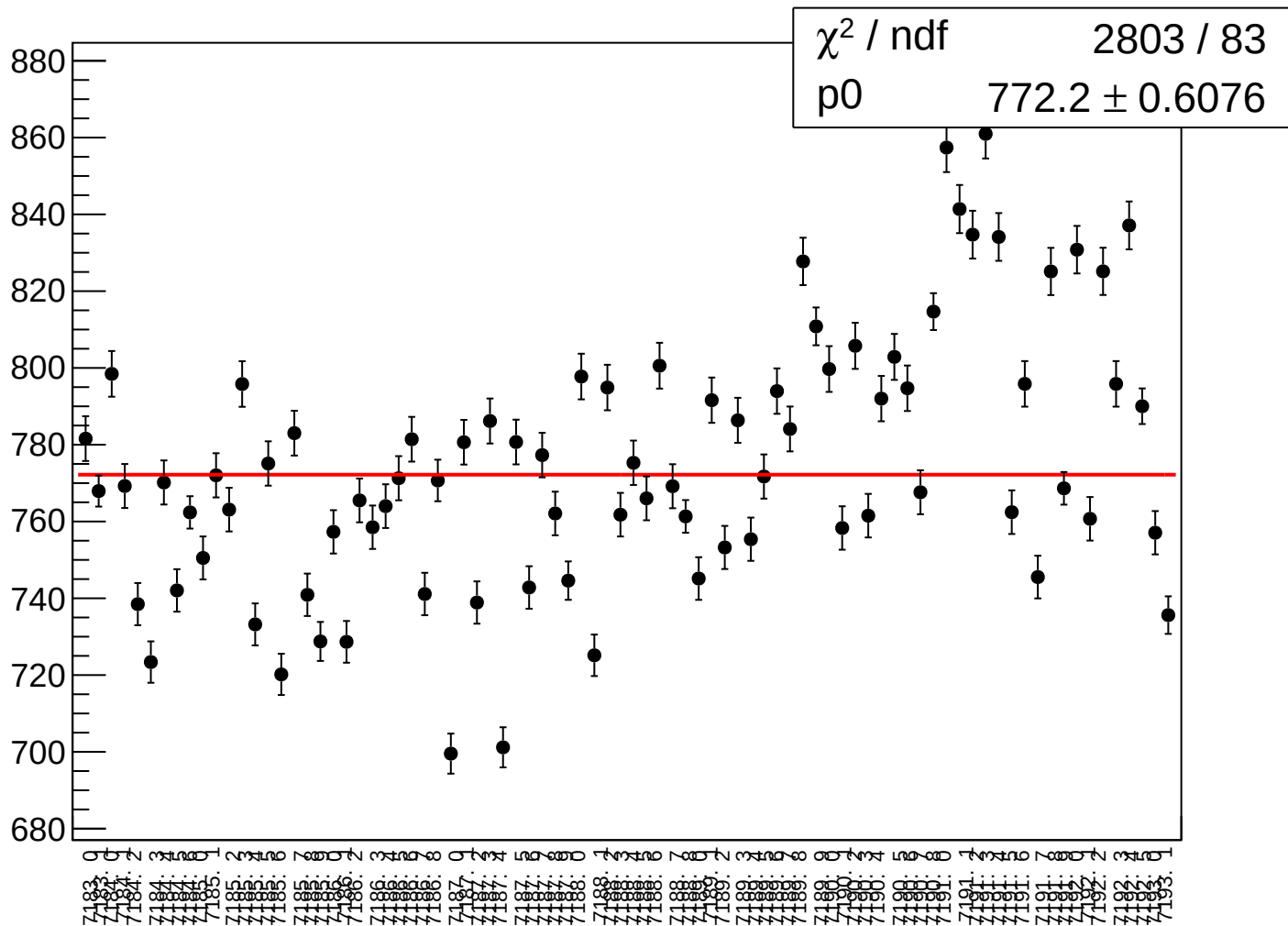
eigen_dit_asym_at2_dd_rms vs run



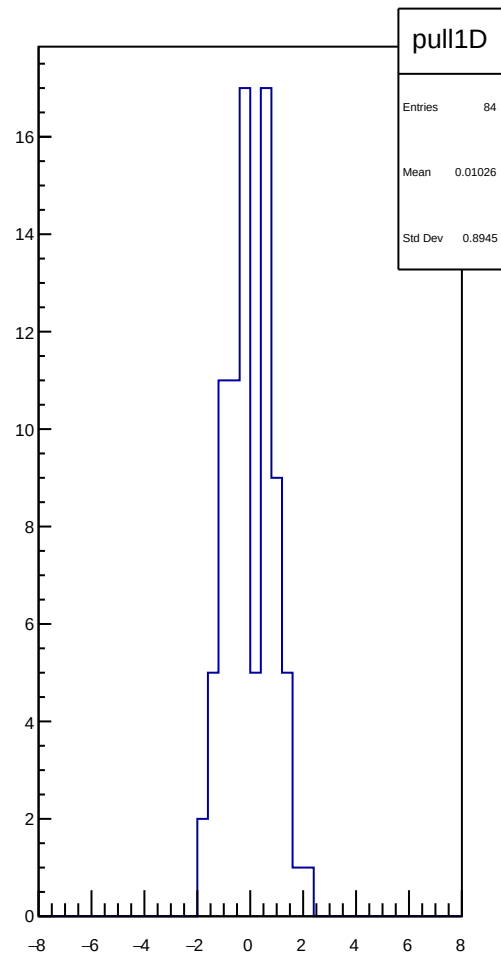
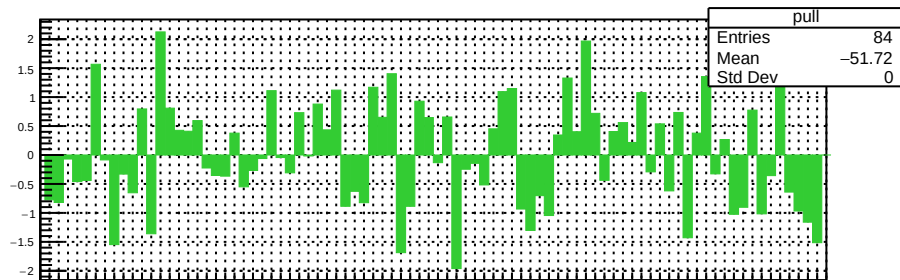
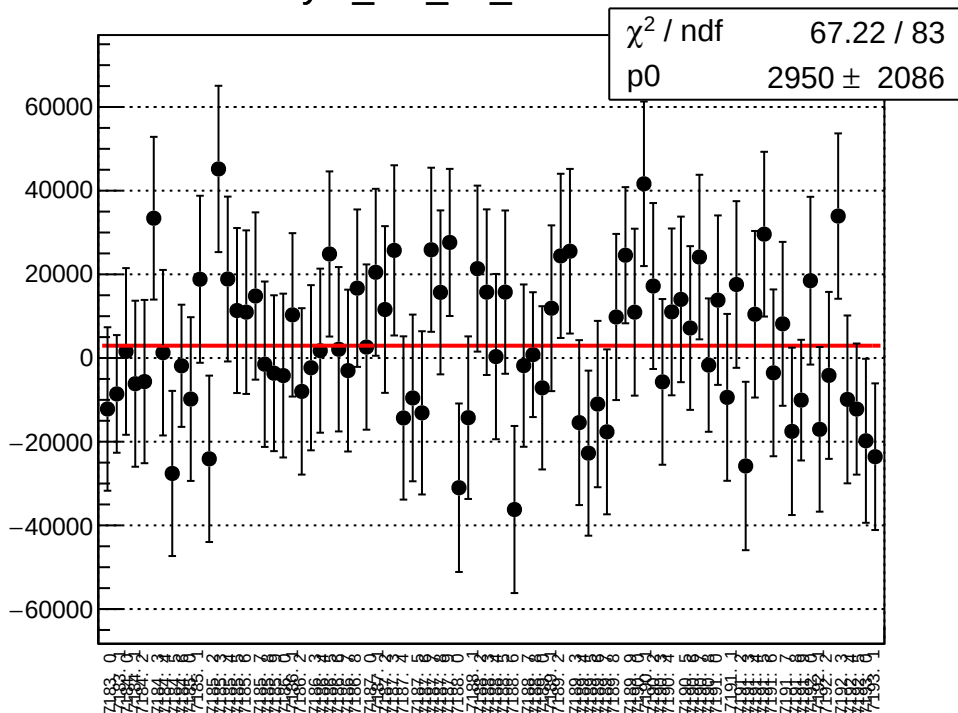
asym_at2_dd_eigen_dit_correction_mean vs run



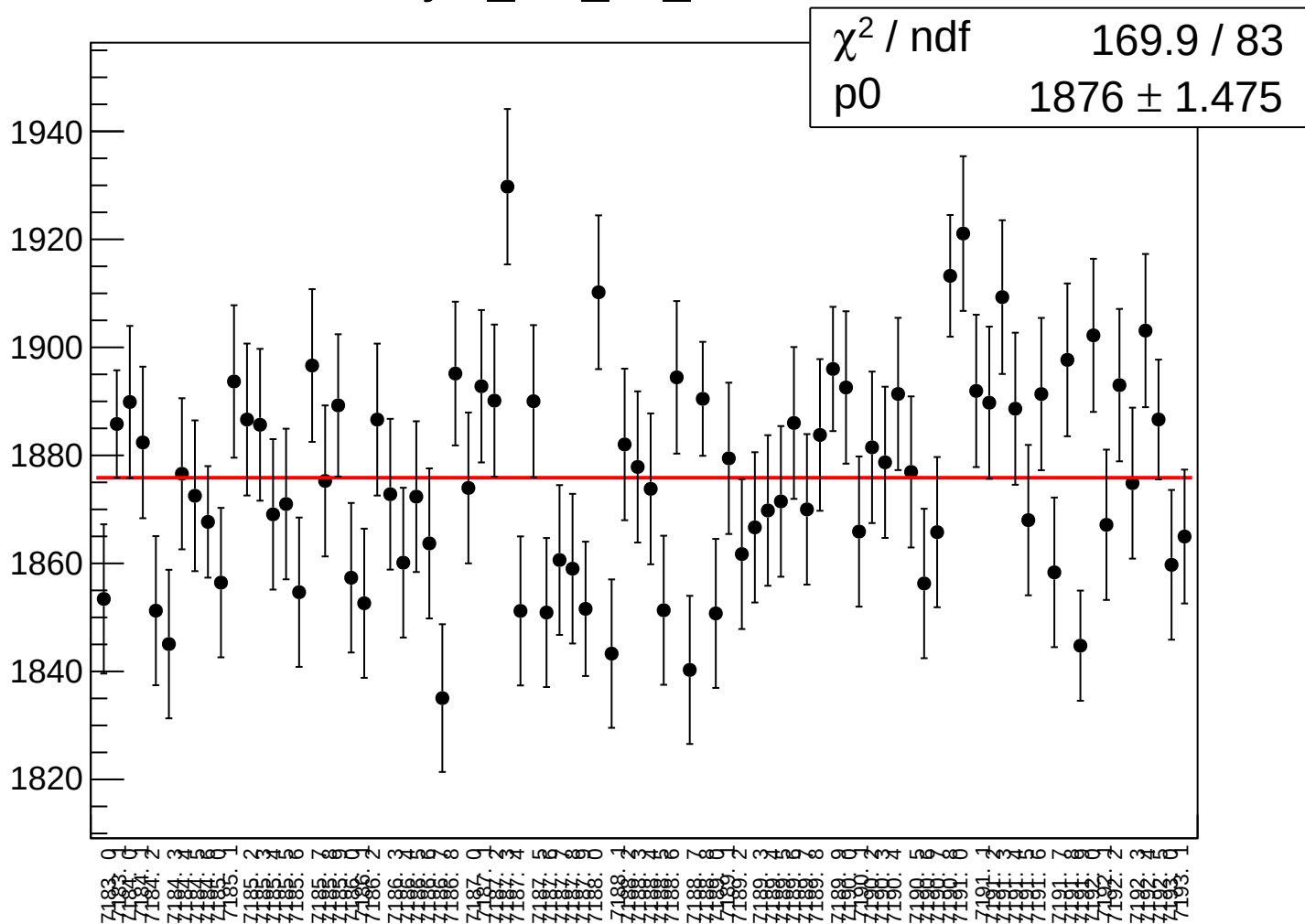
asym_at2_dd_eigen_dit_correction_rms vs run



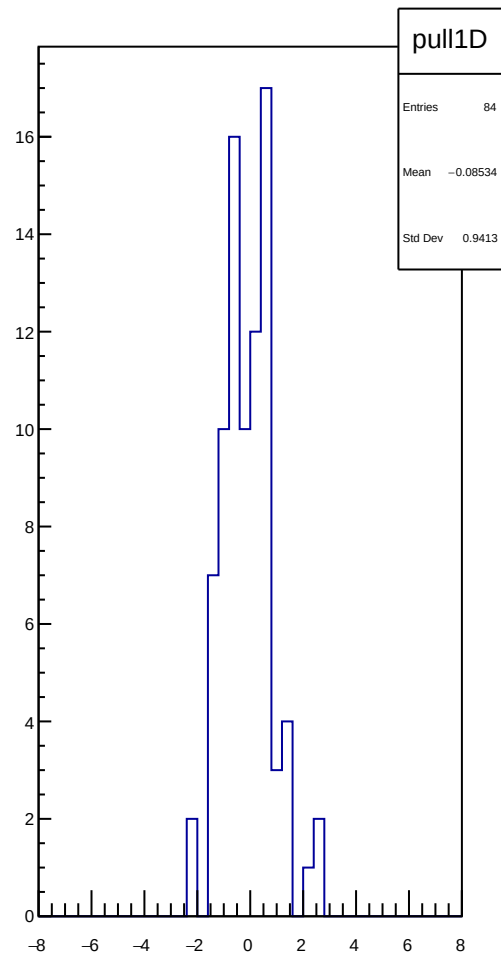
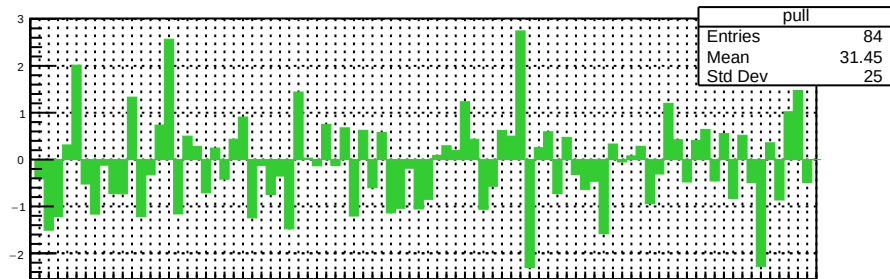
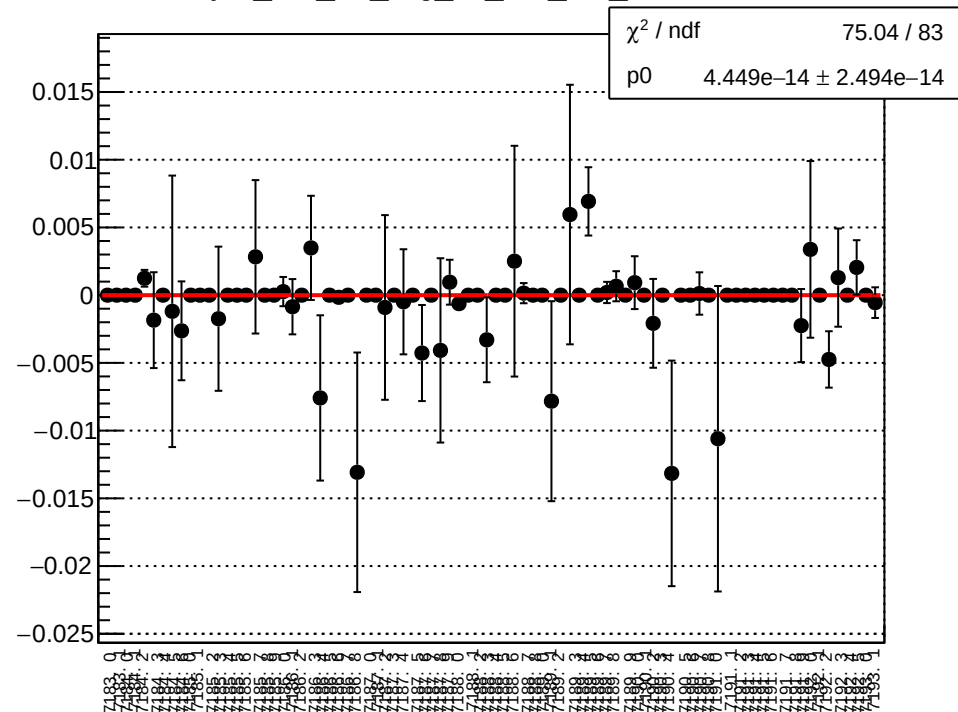
asym_at2_dd_mean vs run



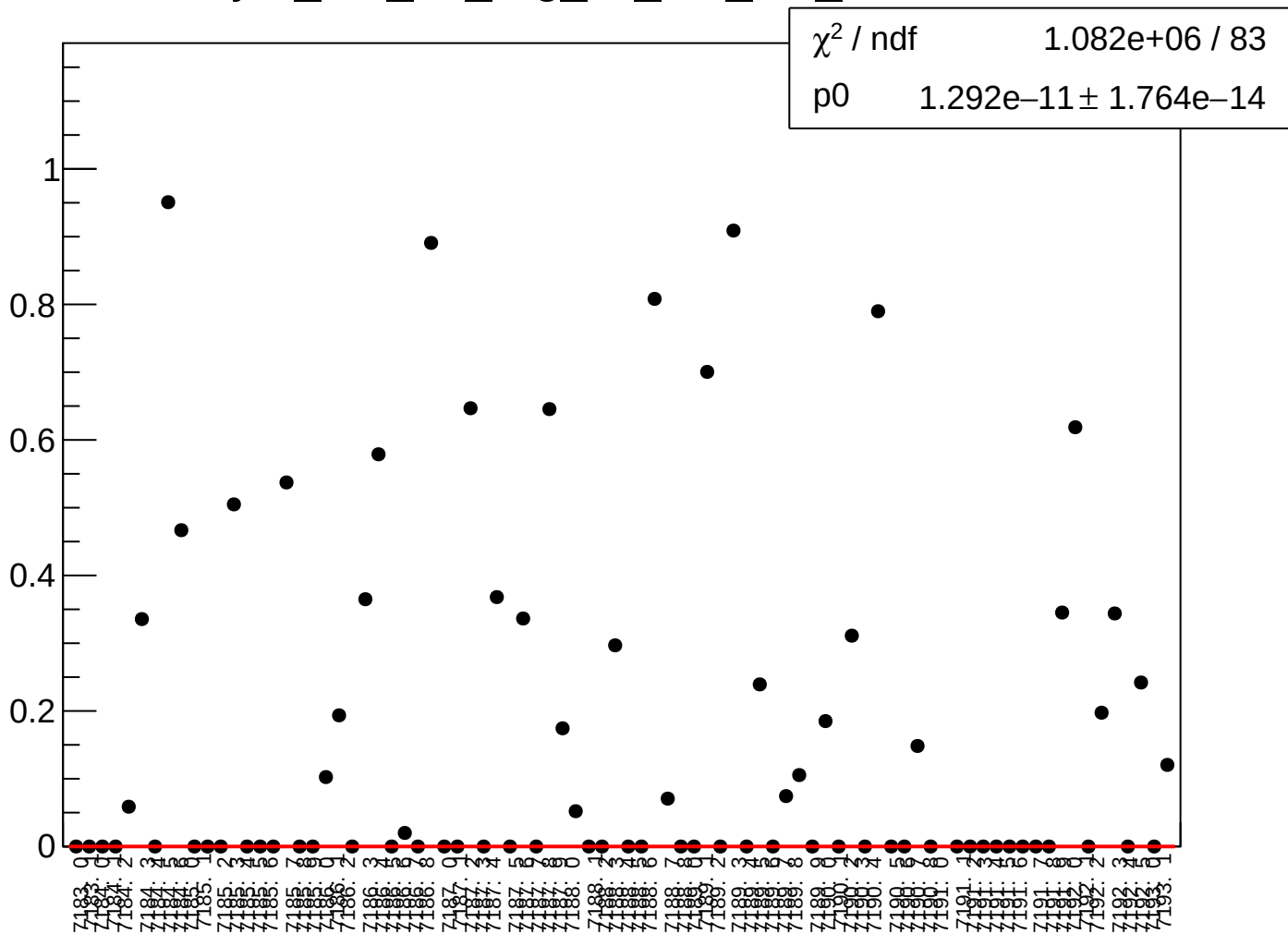
asym_at2_dd_rms vs run



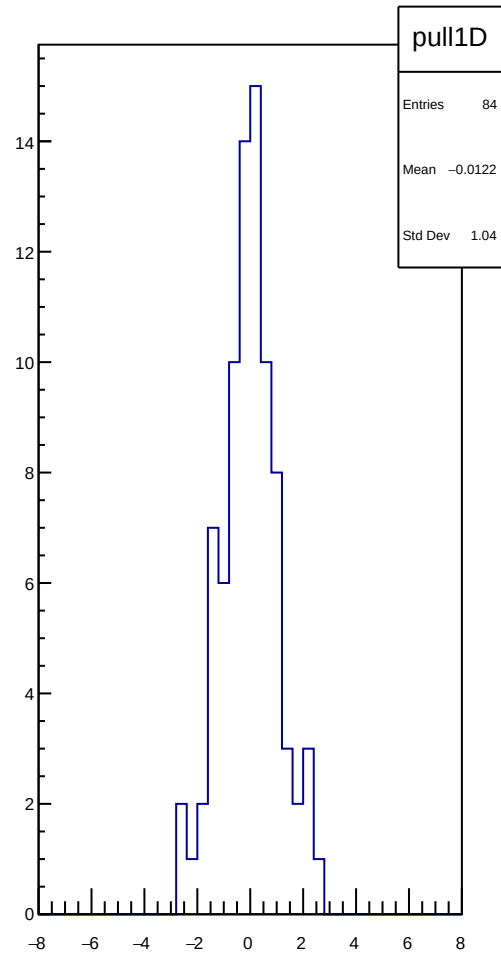
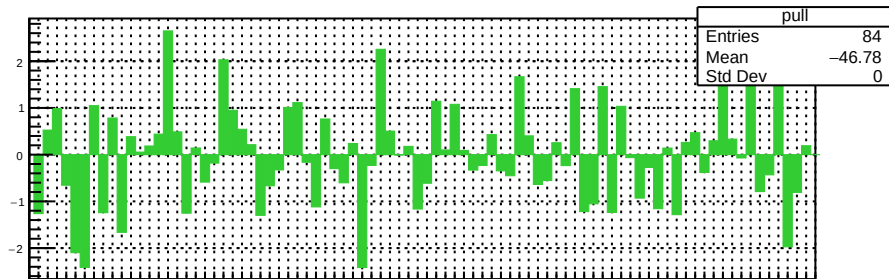
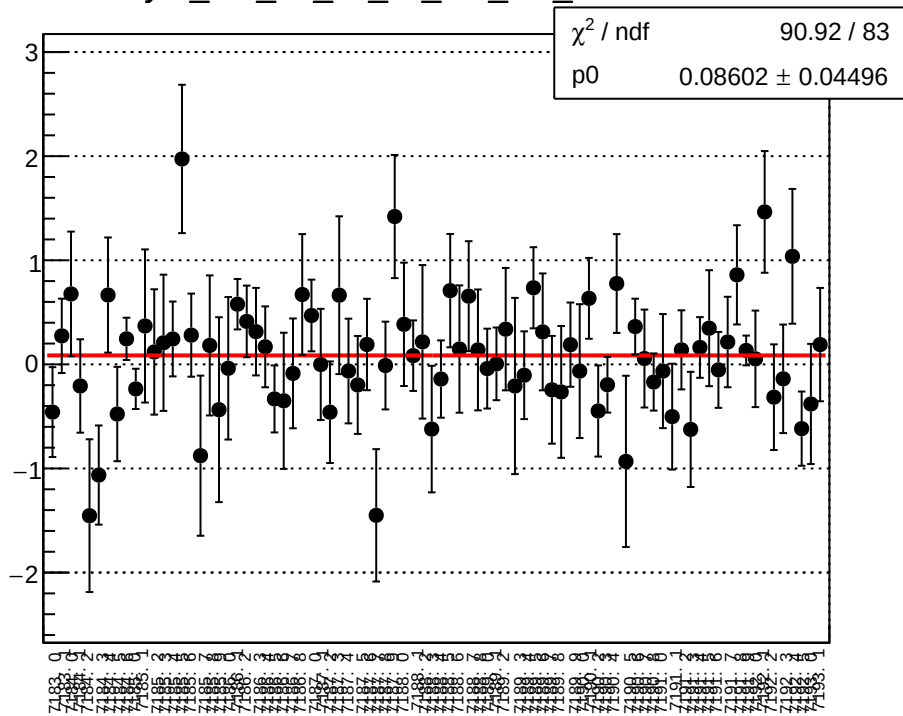
asym_at2_dd_reg_vs_cor_diff_mean vs run



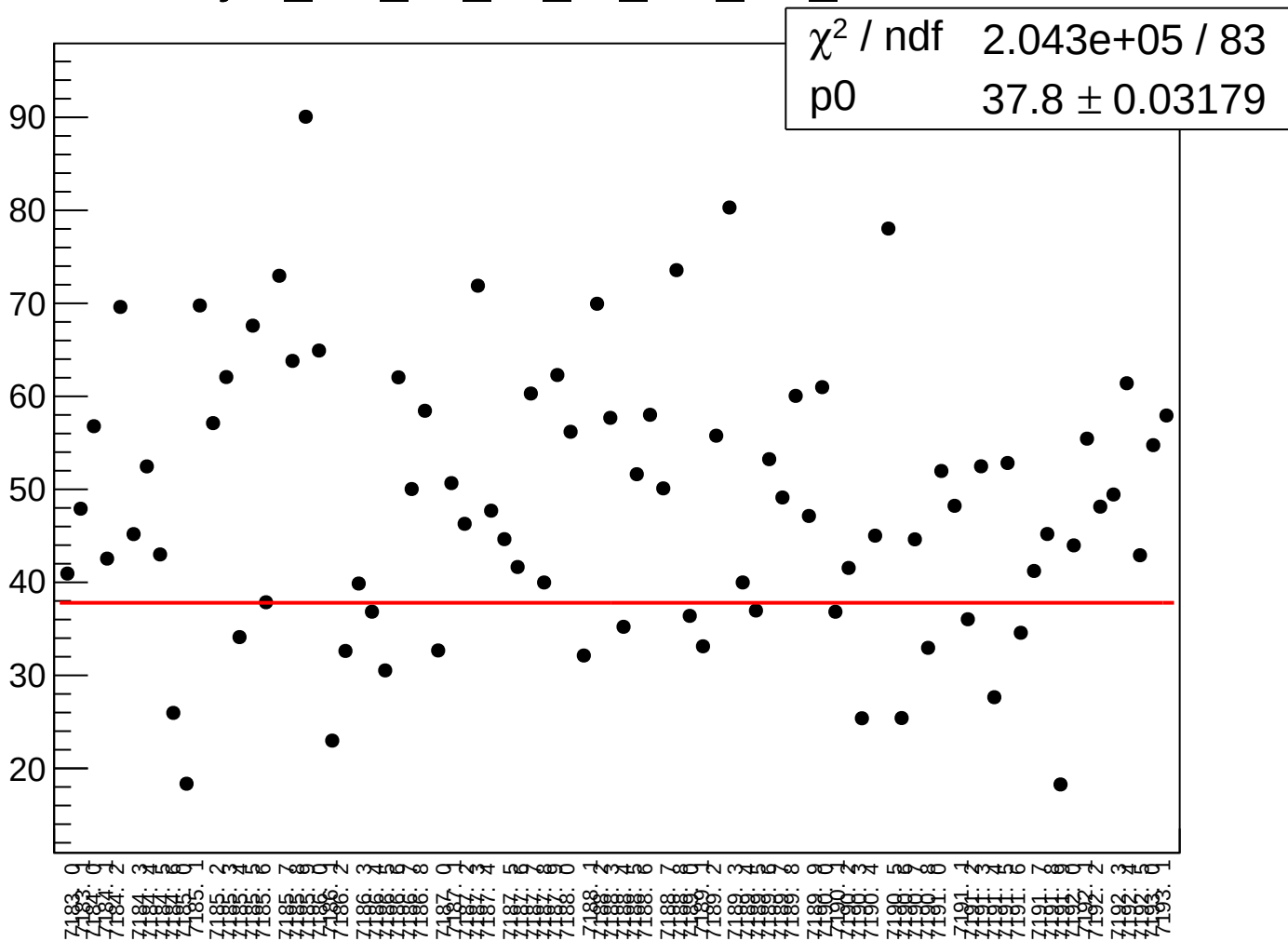
asym at2 dd reg vs cor diff rms vs run



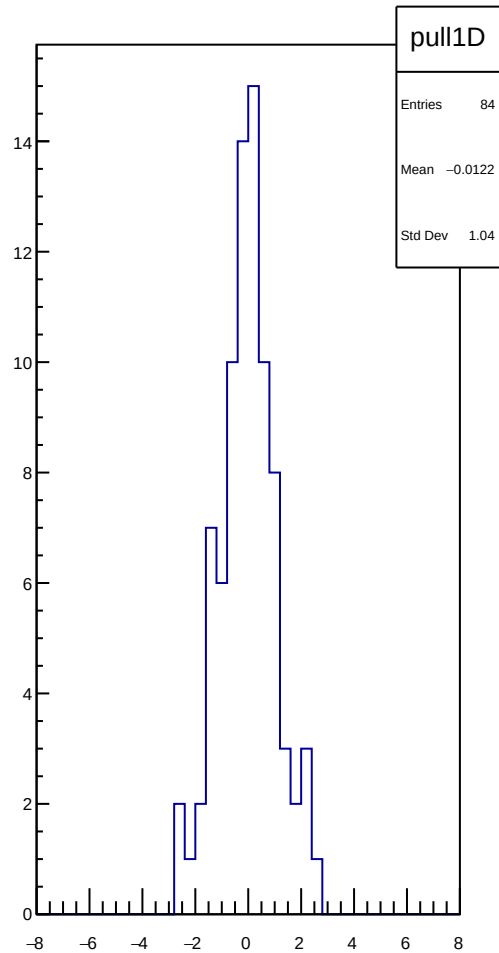
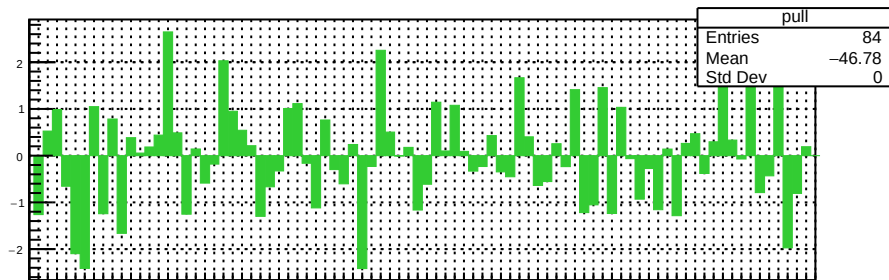
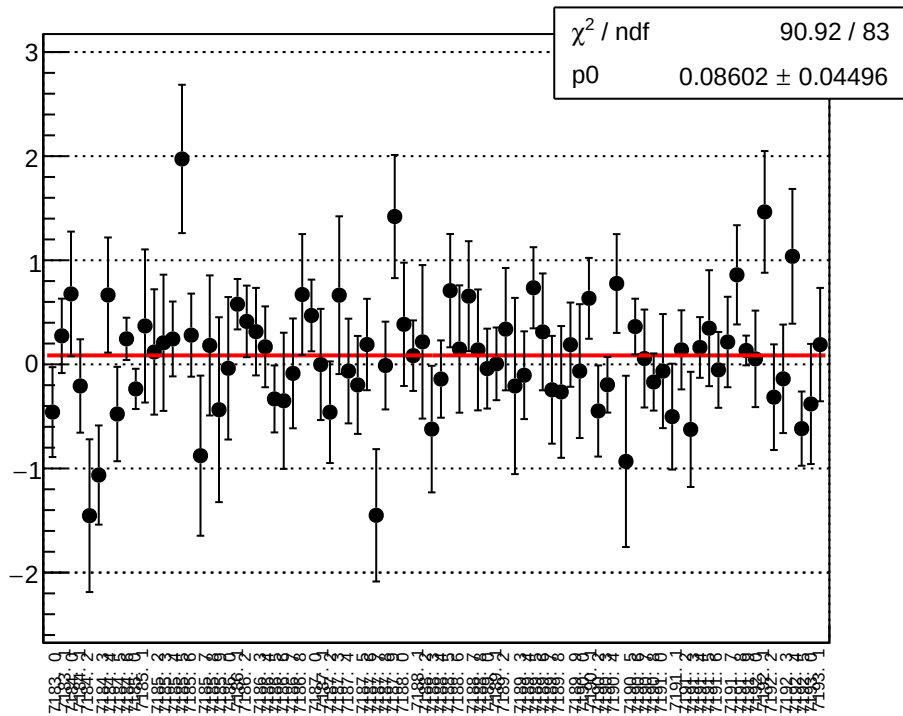
asym_at2_dd_dit_vs_cor_diff_mean vs run



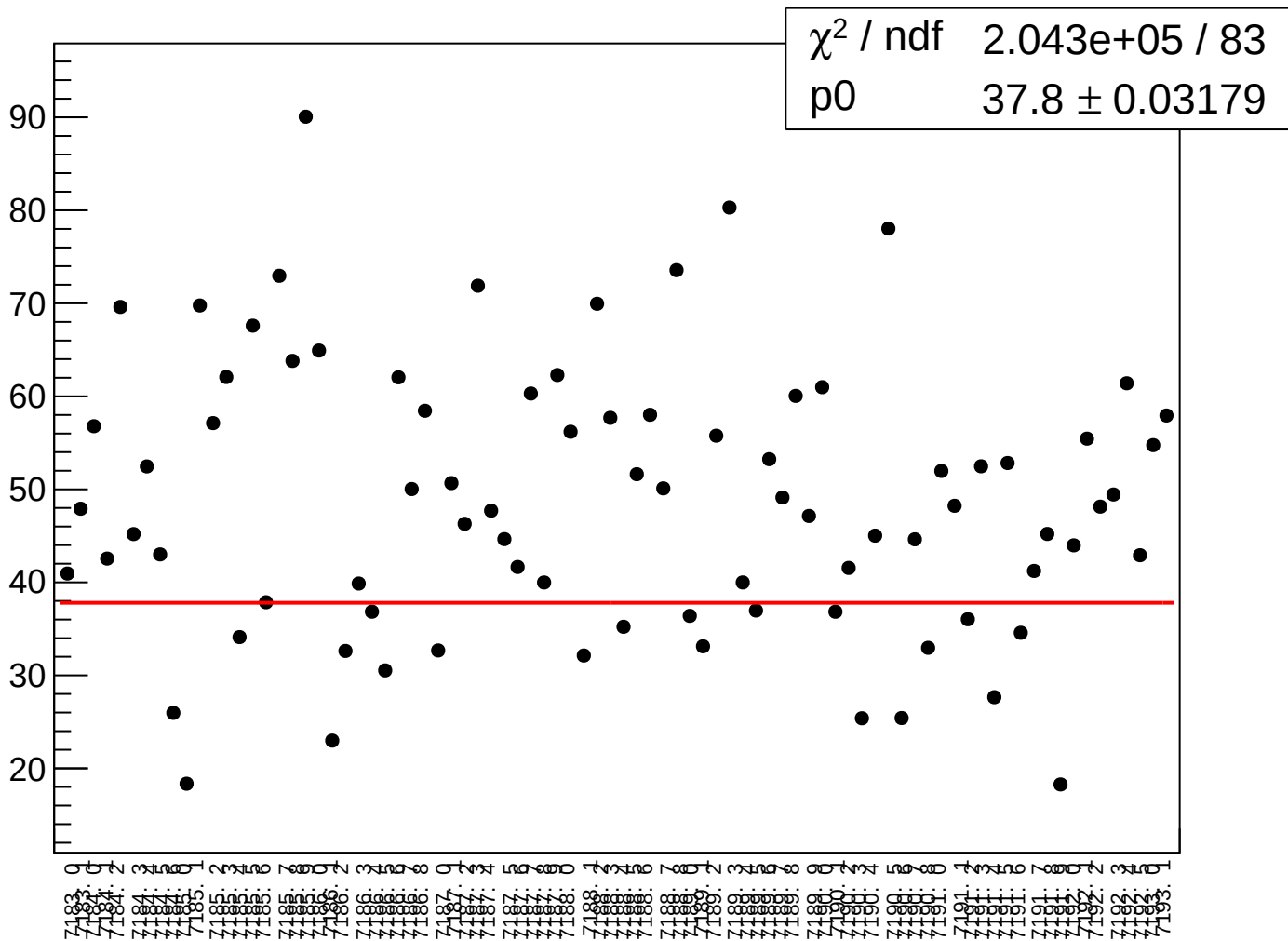
asym_at2_dd_dit_vs_cor_diff_rms vs run



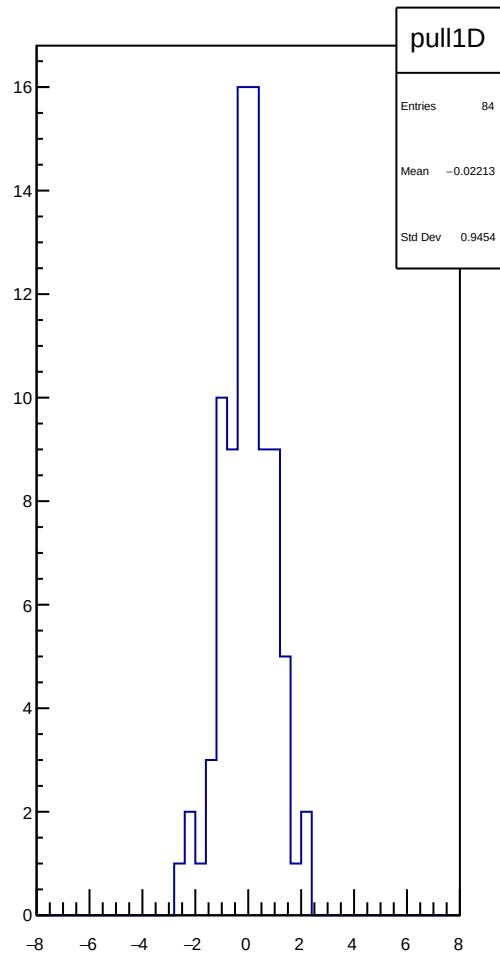
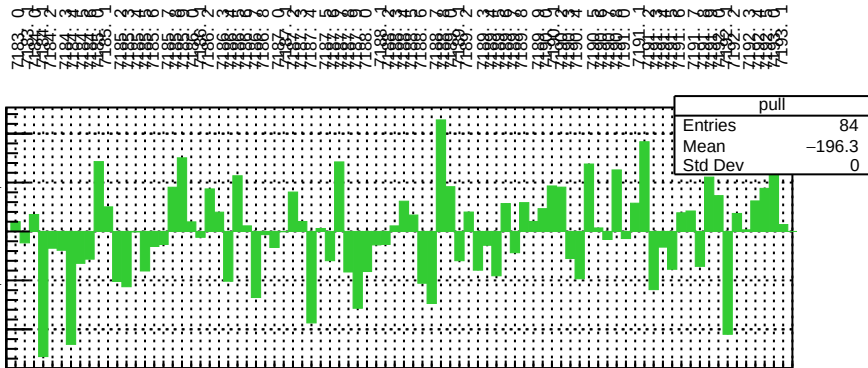
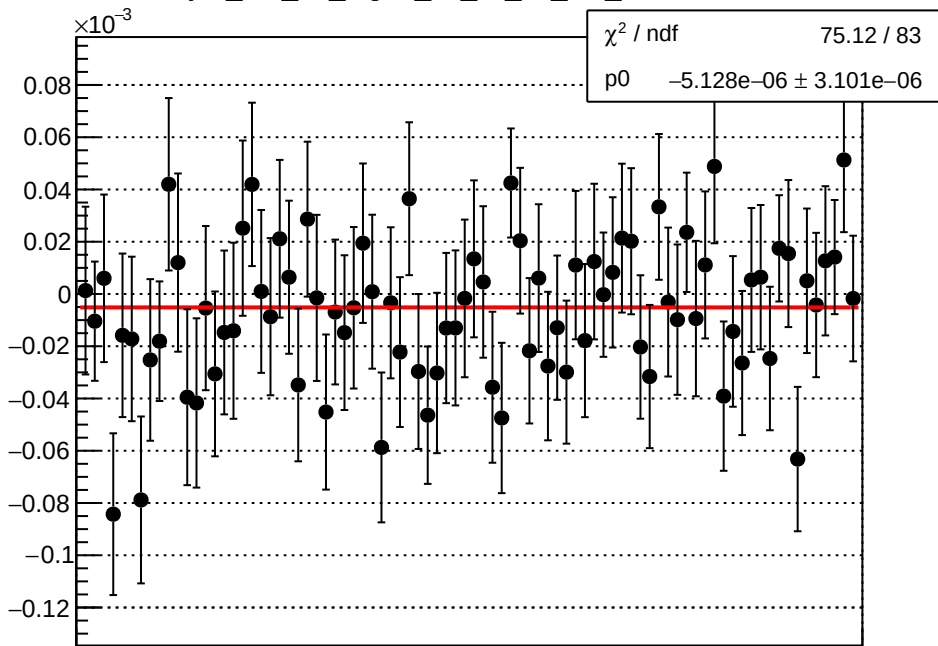
asym_at2_dd_dit_vs_eigen_cor_diff_mean vs run



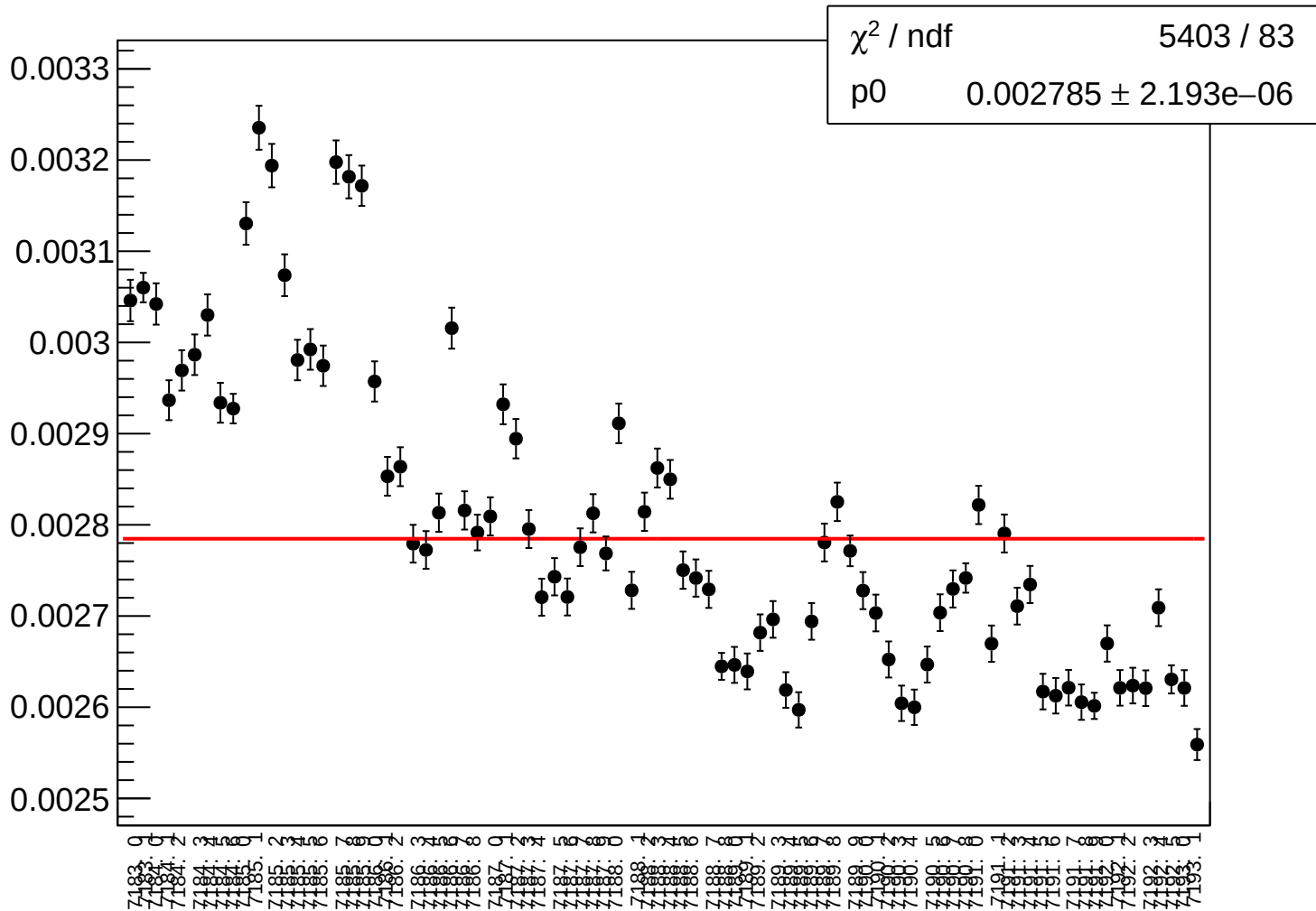
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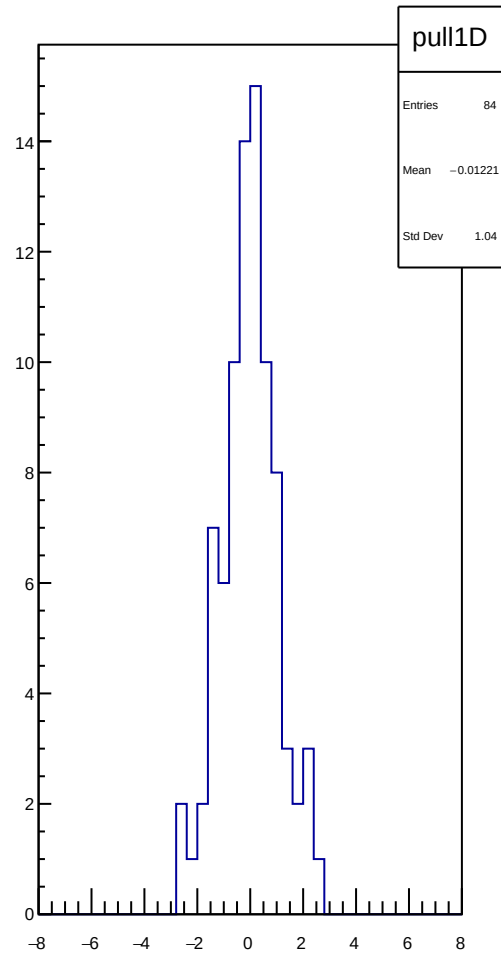
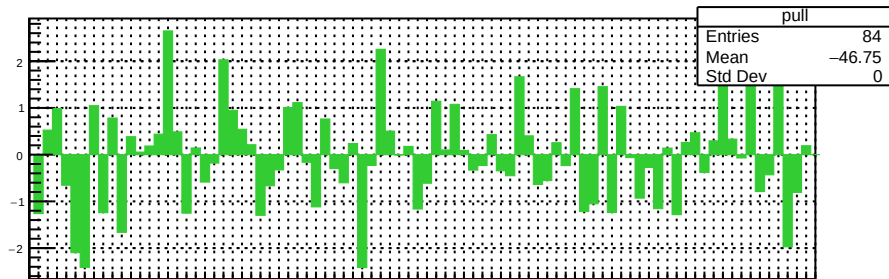
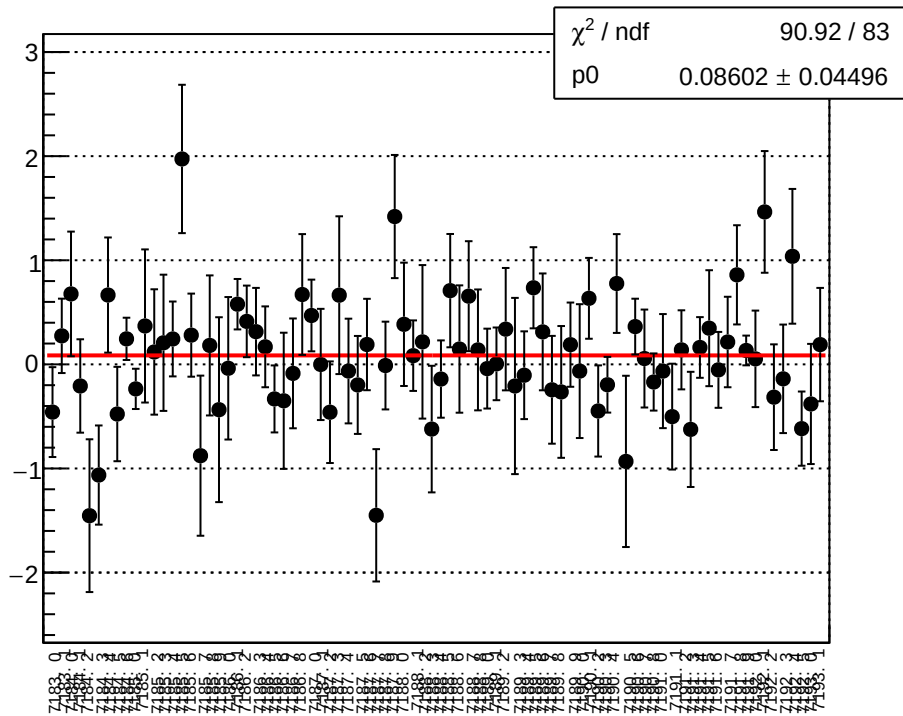
asym at2 dd eigen dit vs dit diff mean vs run



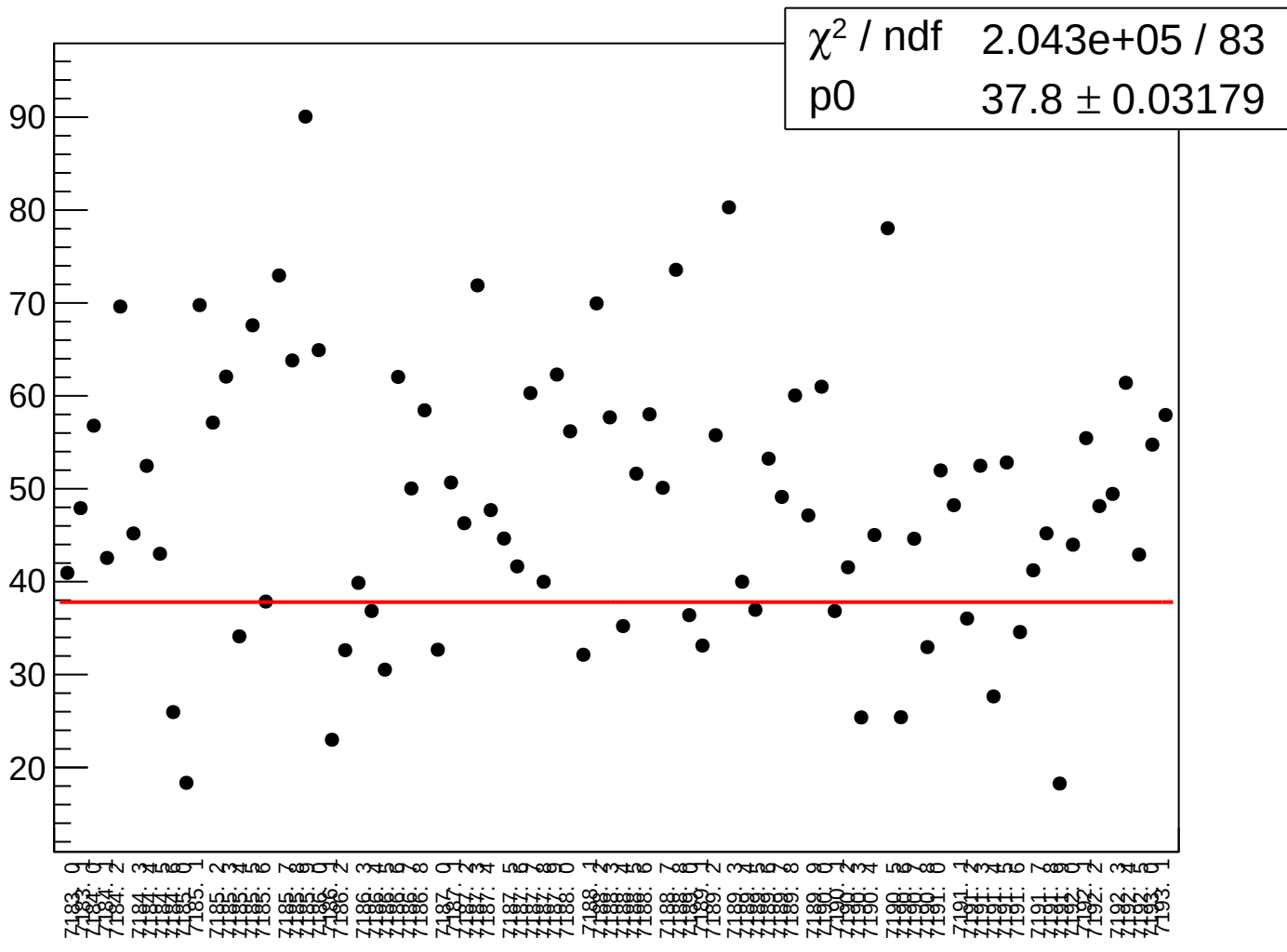
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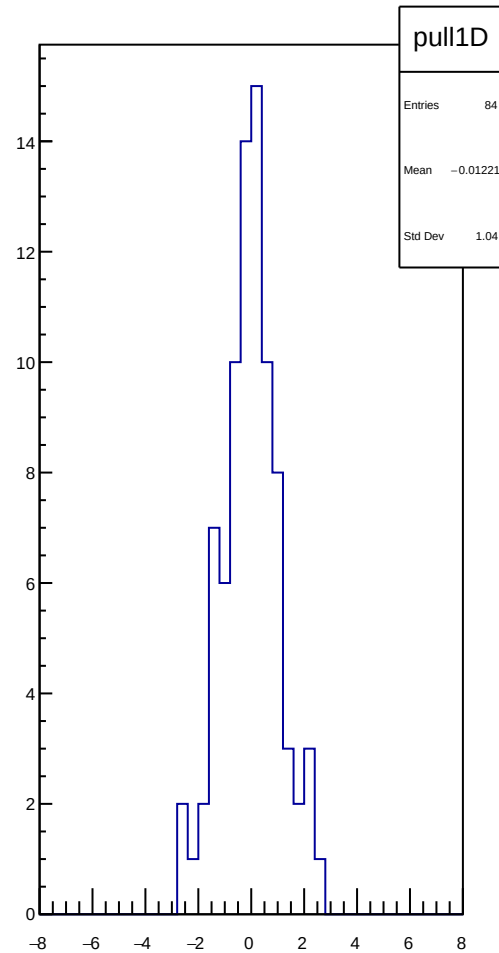
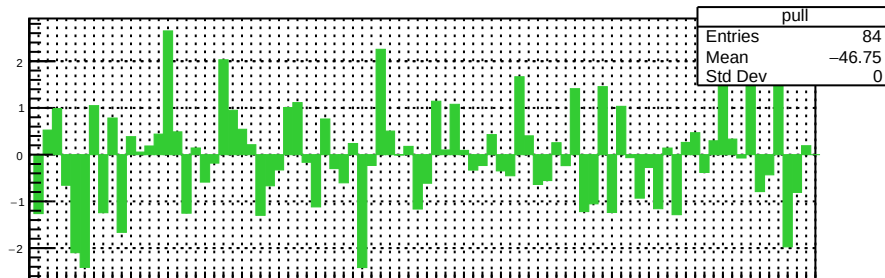
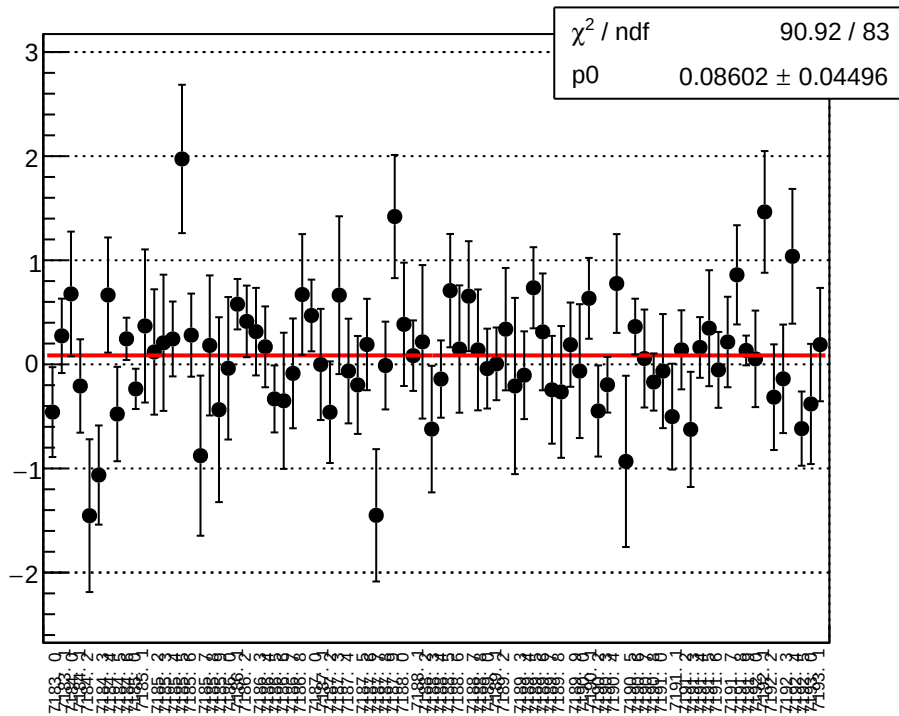
asym_at2_dd_eigen_dit_vs_cor_diff_mean vs run



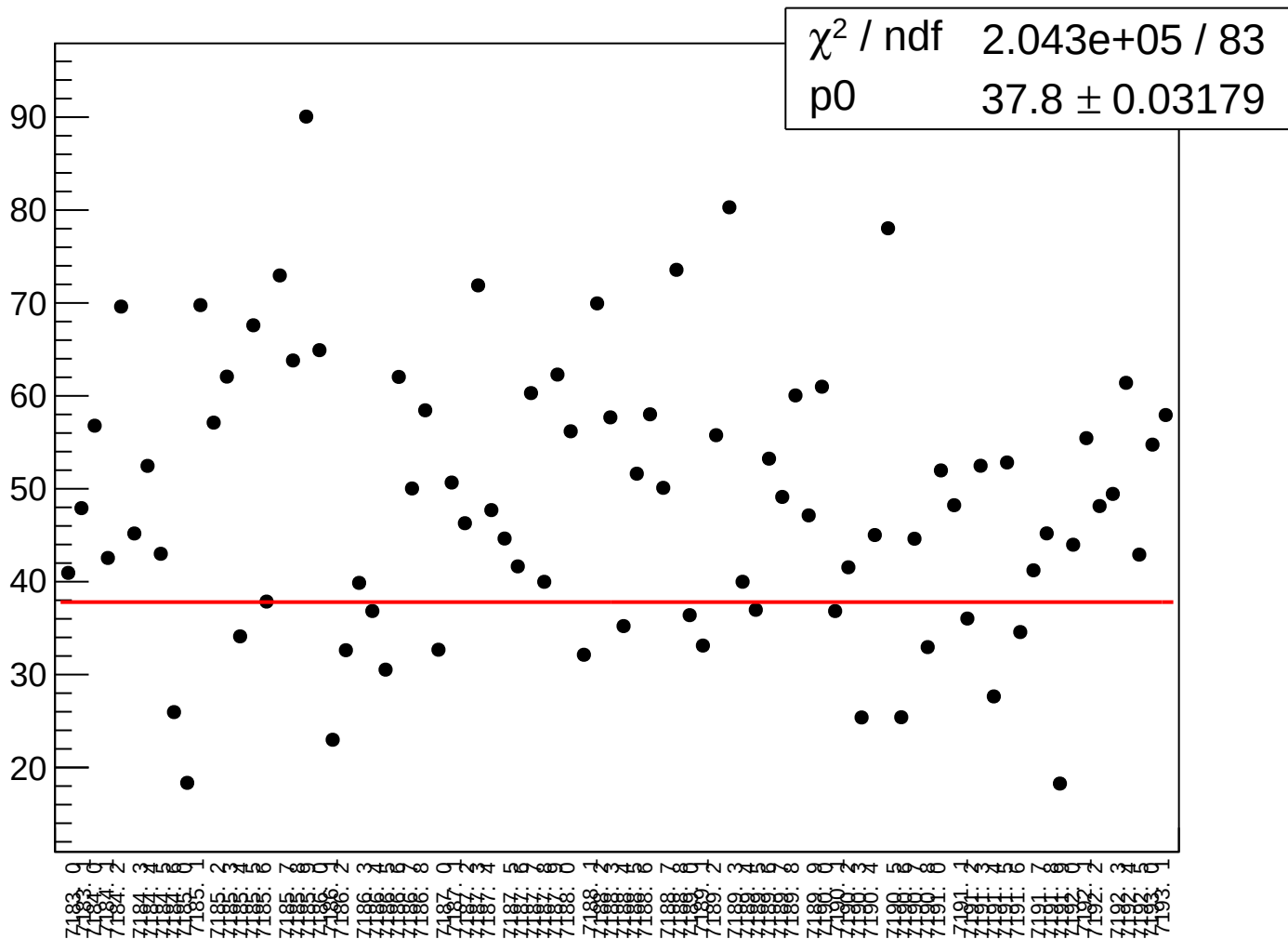
asym_at2_dd_eigen_dit_vs_cor_diff_rms vs run



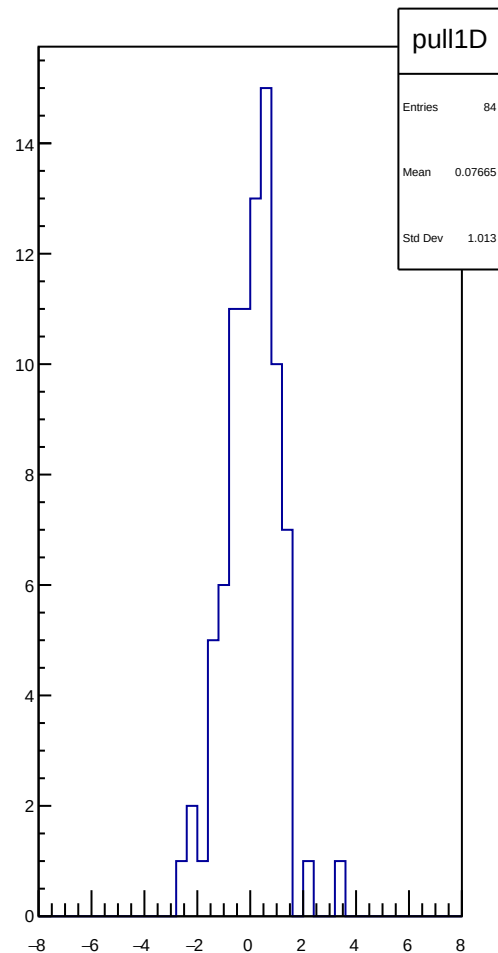
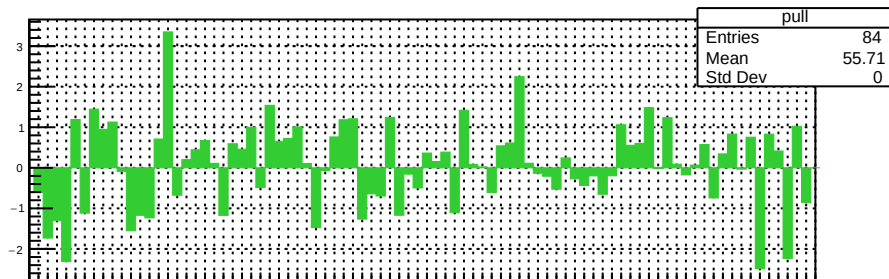
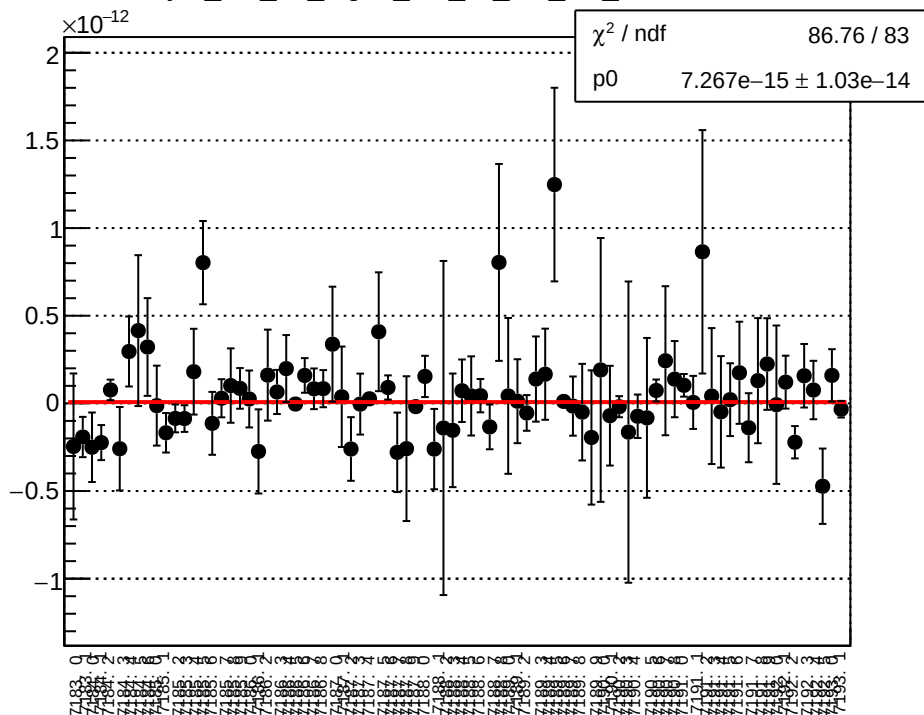
asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



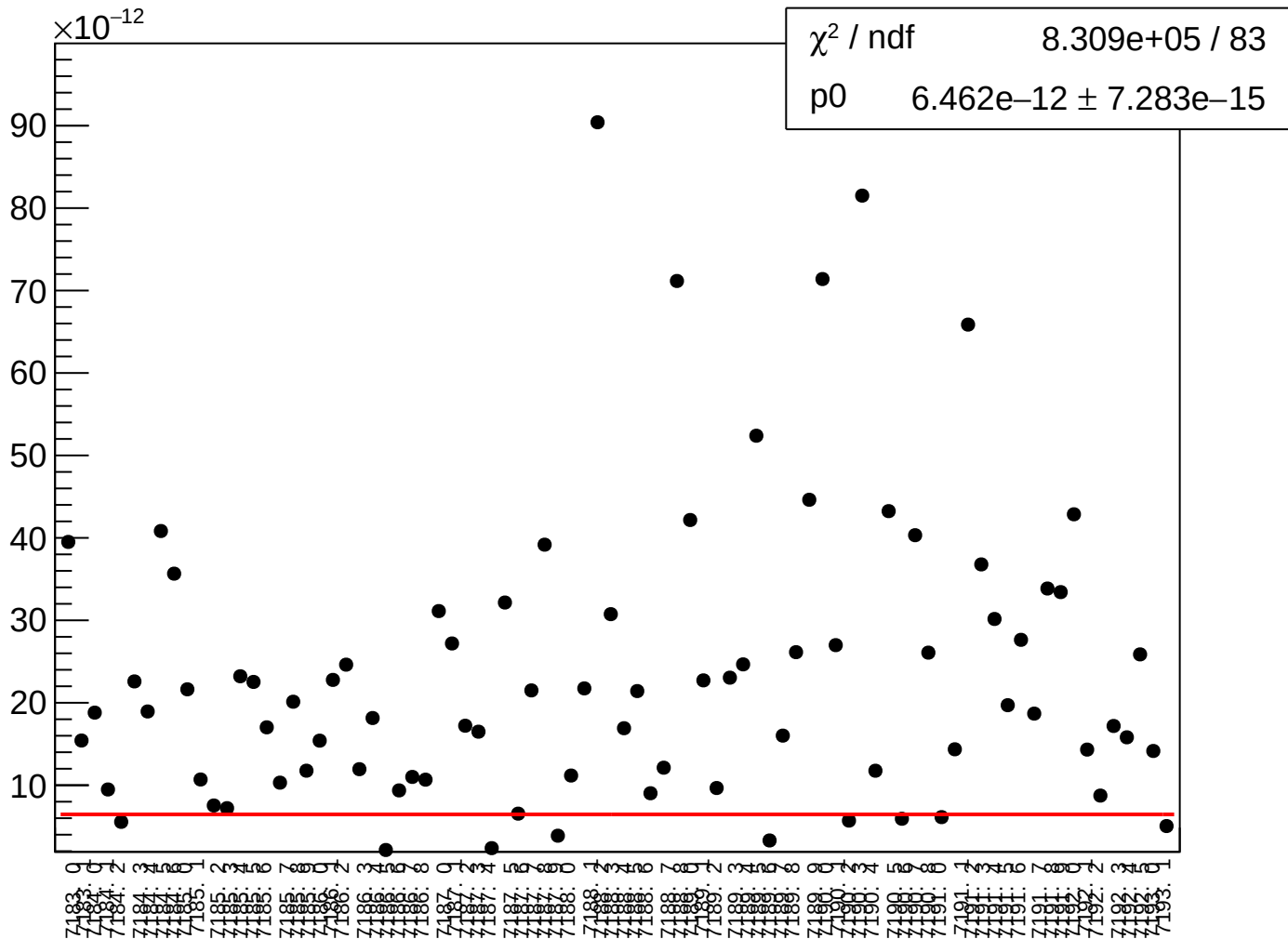
asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



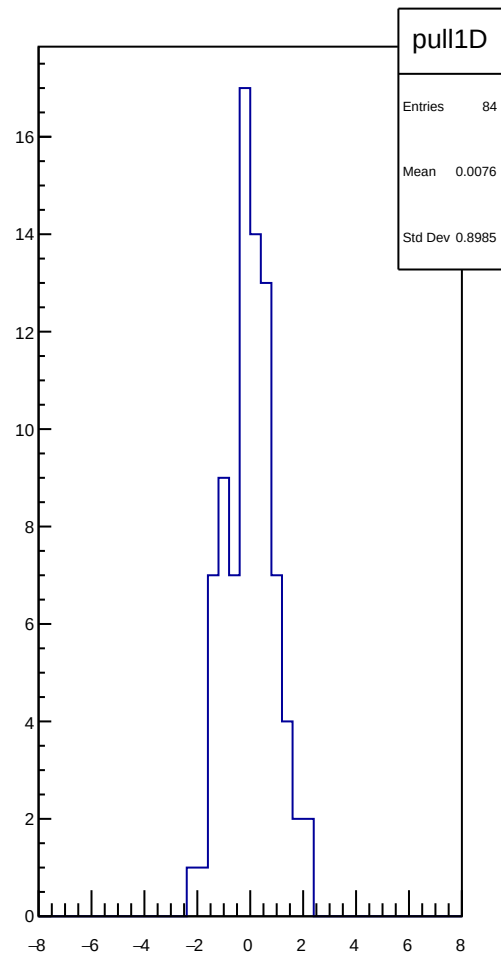
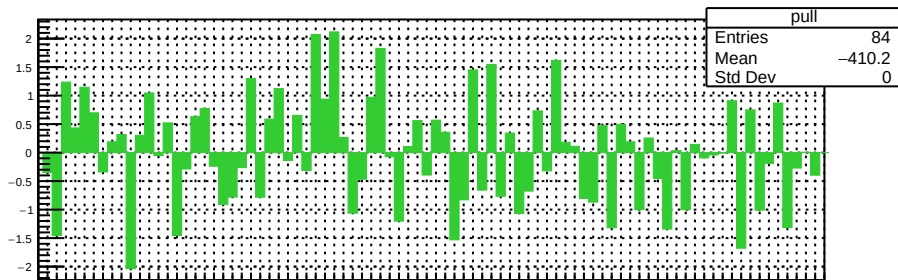
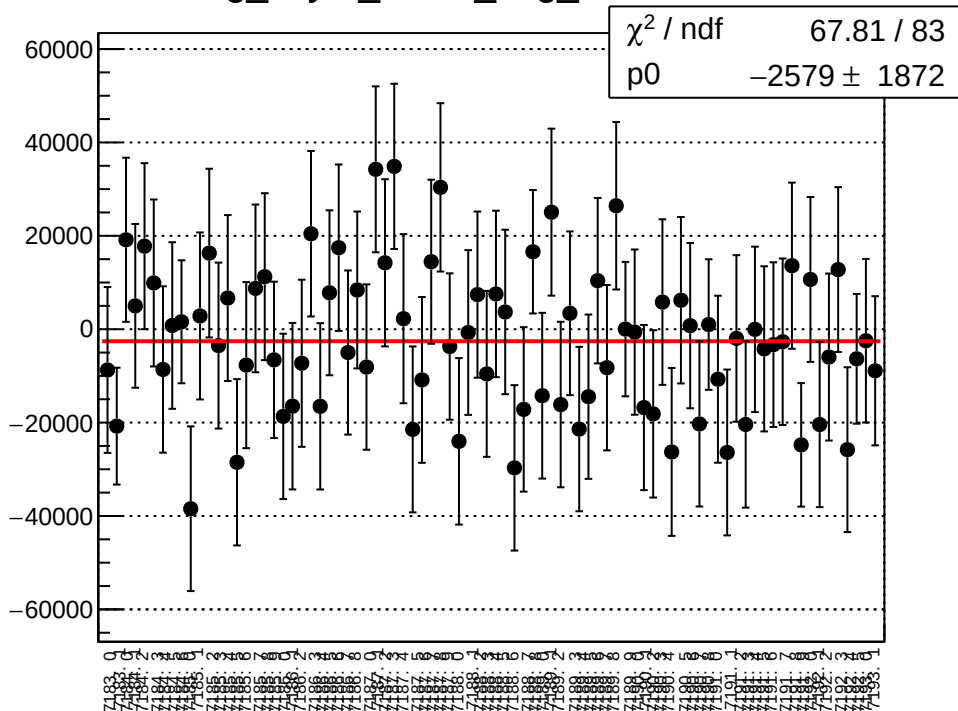
asym_at2_dd_eigen_cor_vs_cor_diff_mean vs run



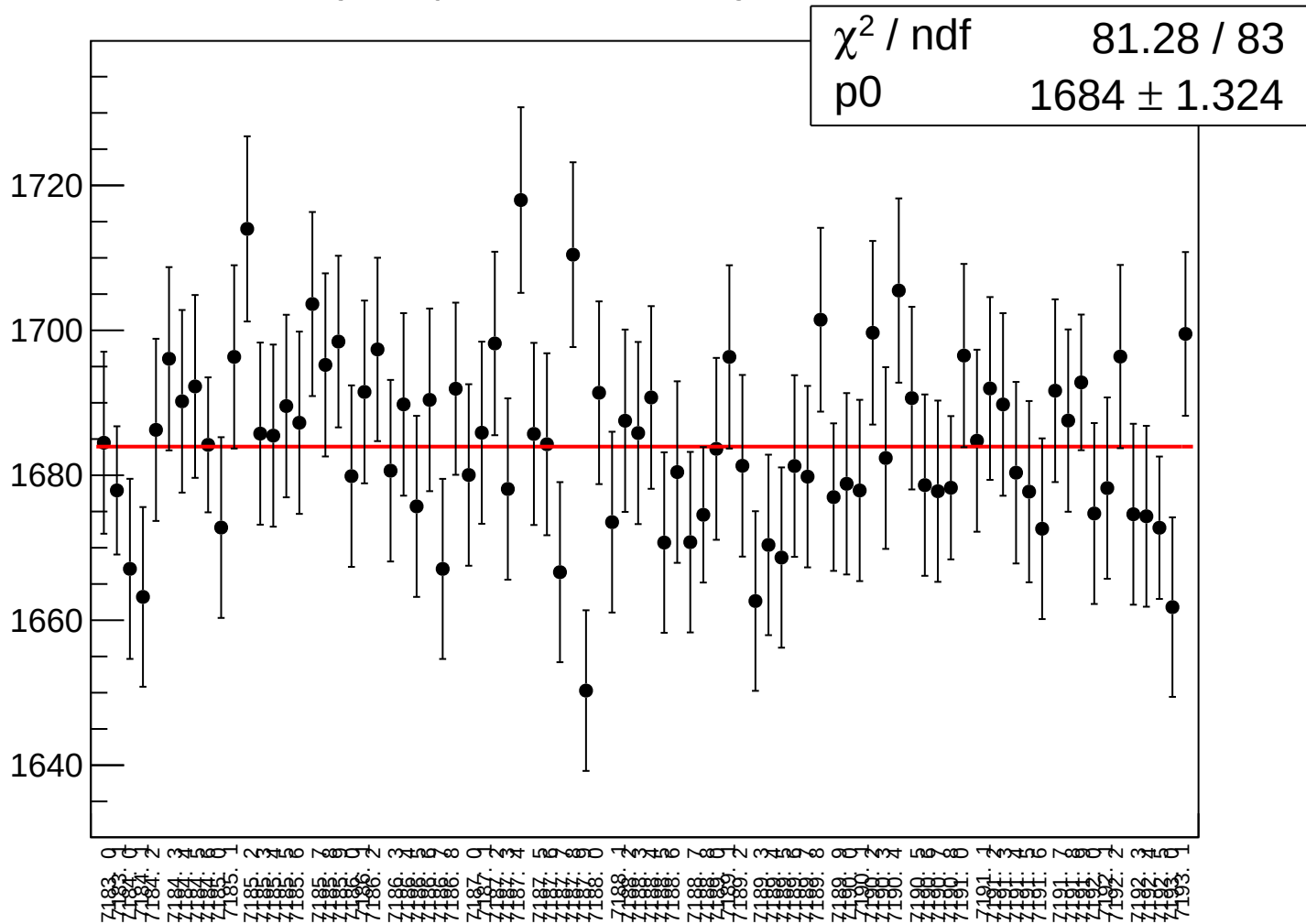
asym_at2_dd_eigen_cor_vs_cor_diff_rms vs run



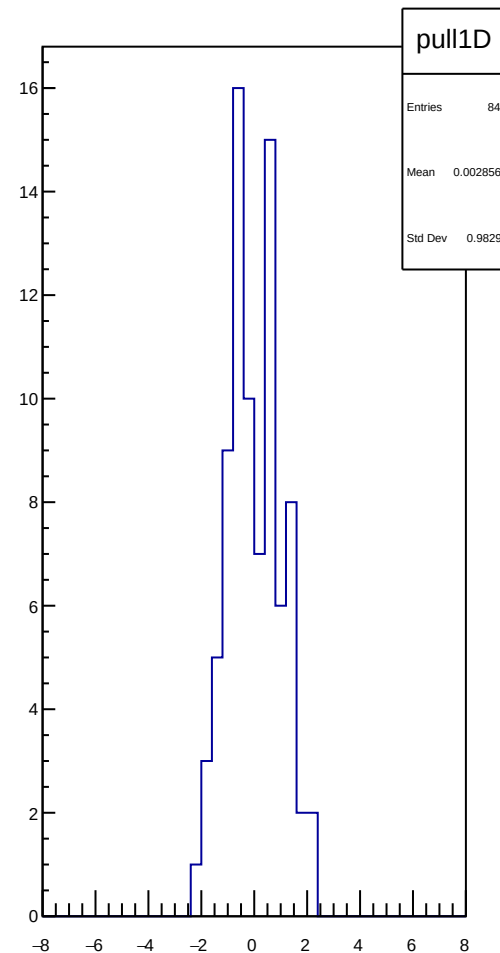
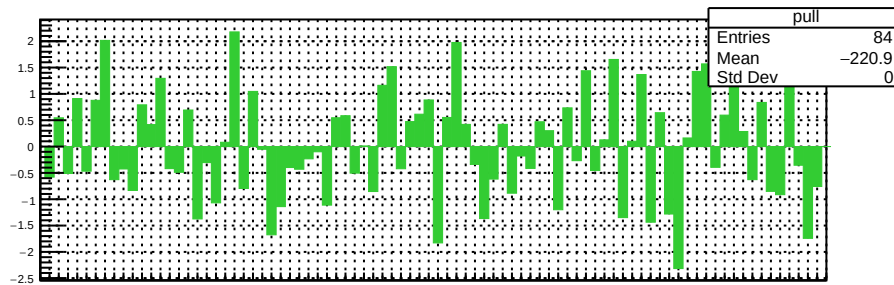
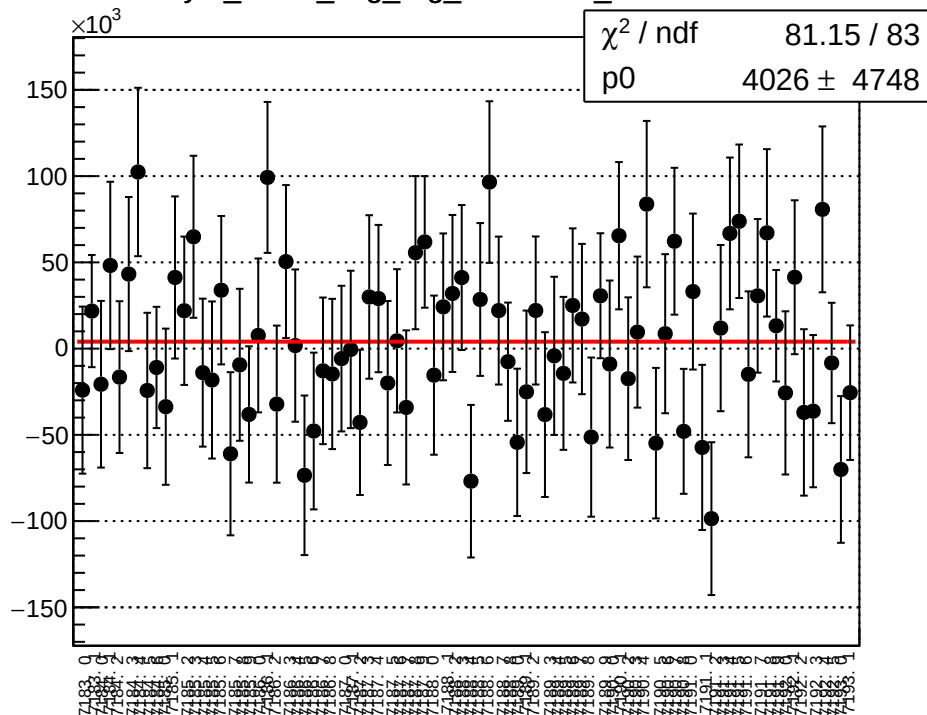
reg_asym_atl1r2_avg_mean vs run



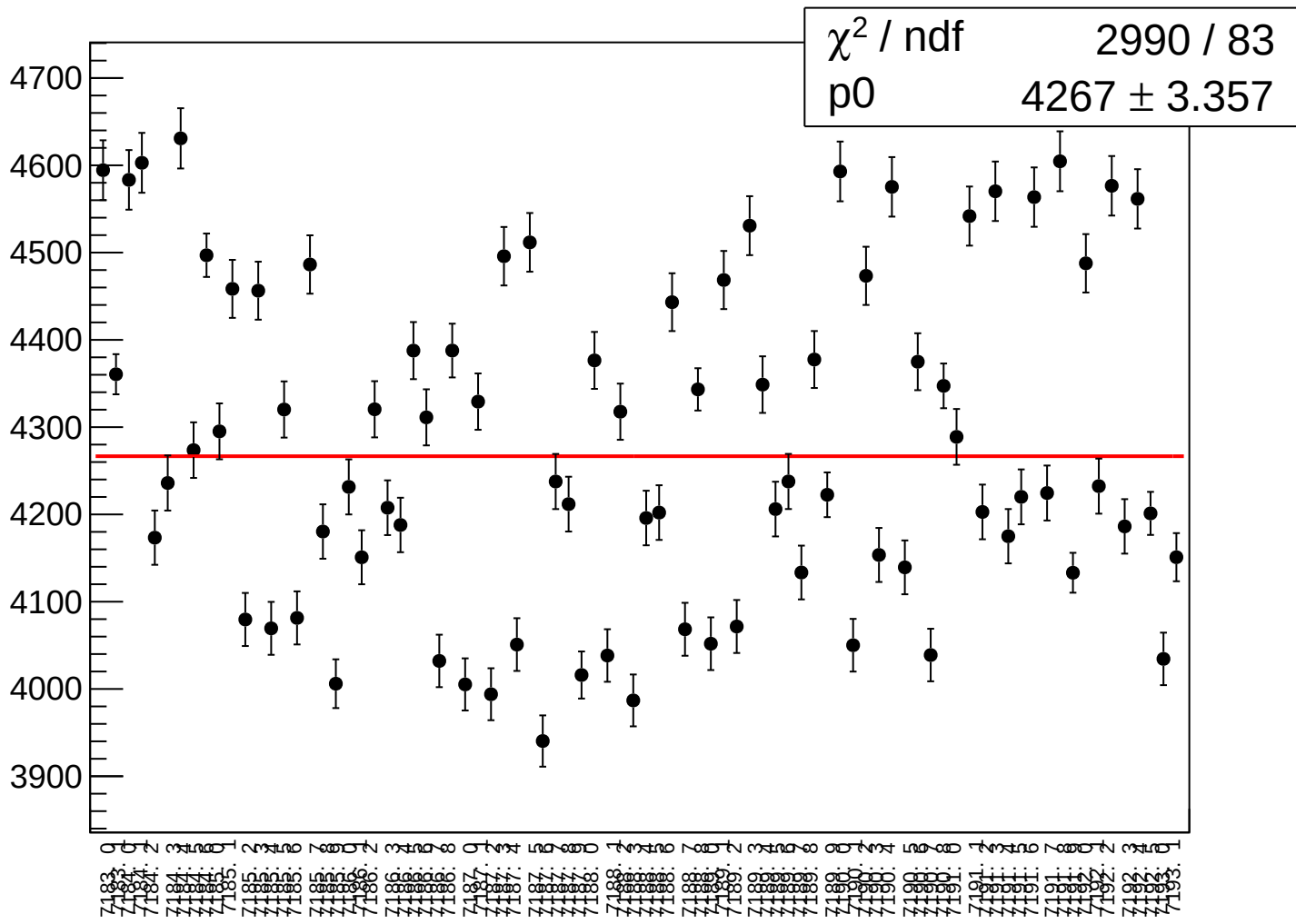
reg_asym_atl1r2_avg_rms vs run



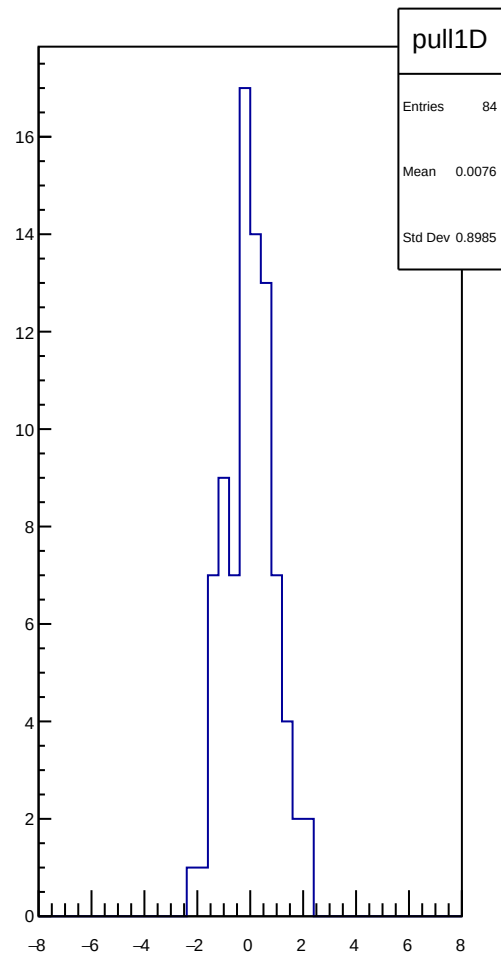
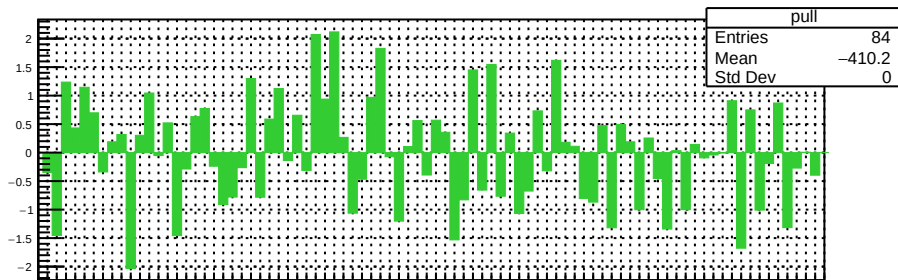
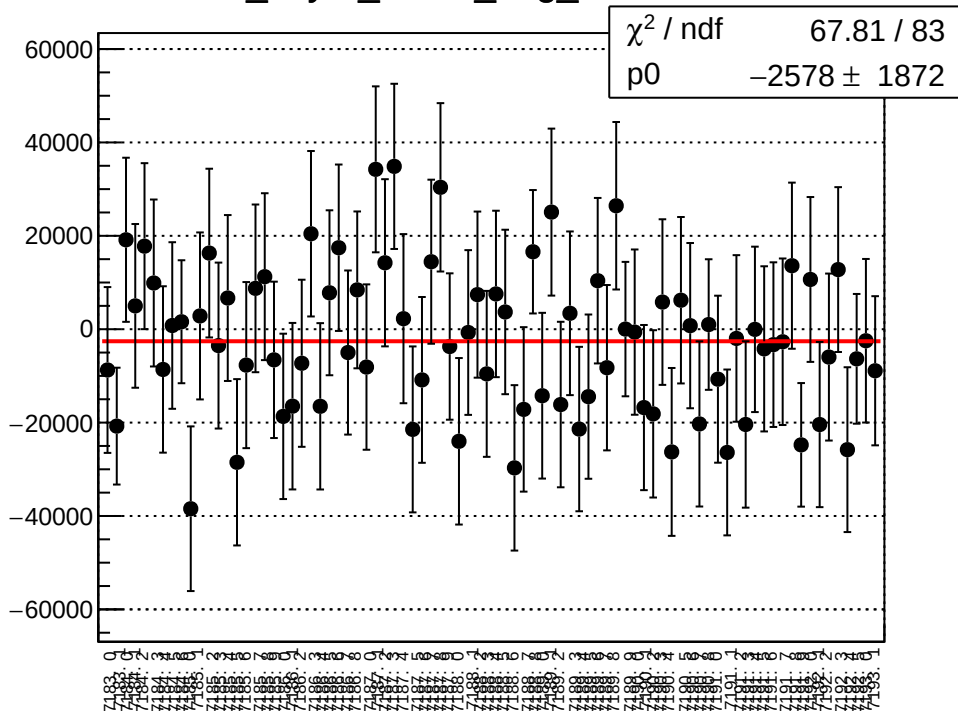
asym_atl1r2_avg_reg_correction_mean vs run



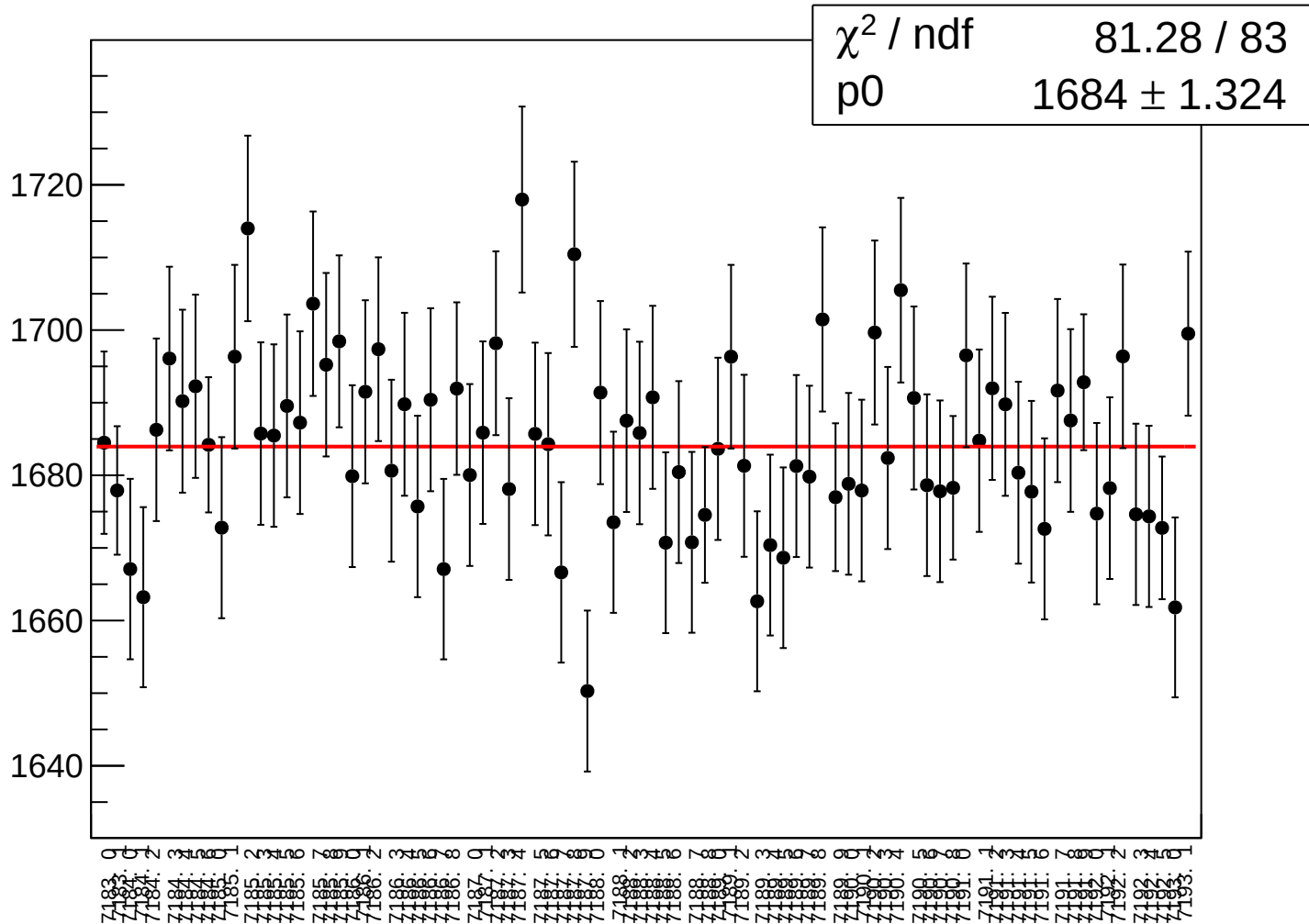
asym_atl1r2_avg_reg_correction_rms vs run



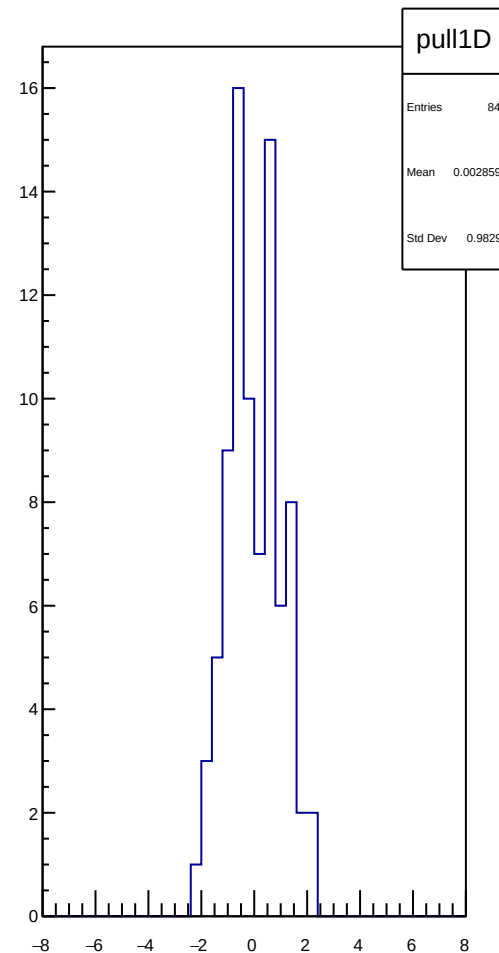
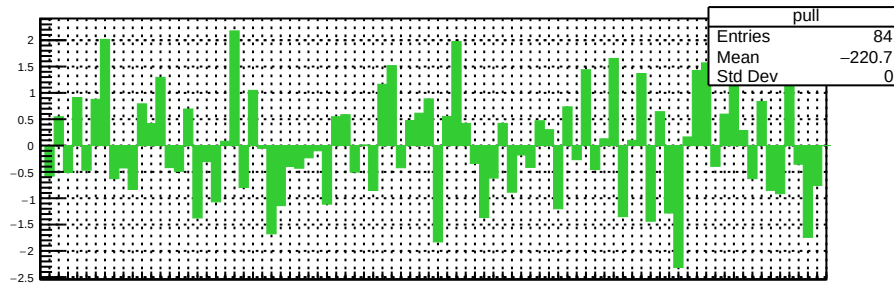
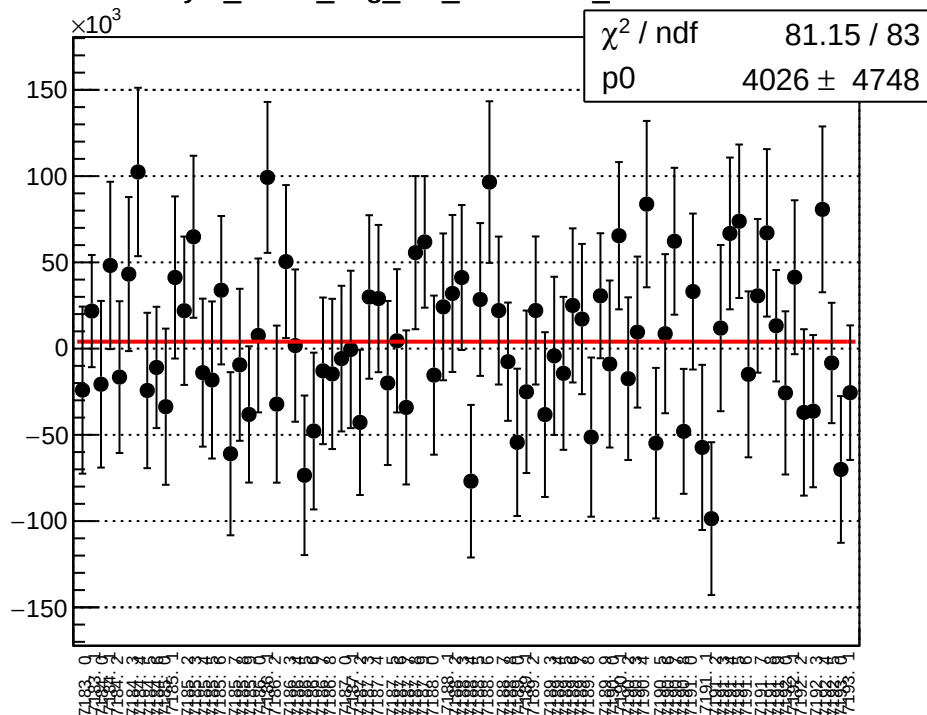
cor_asym_atl1r2_avg_mean vs run



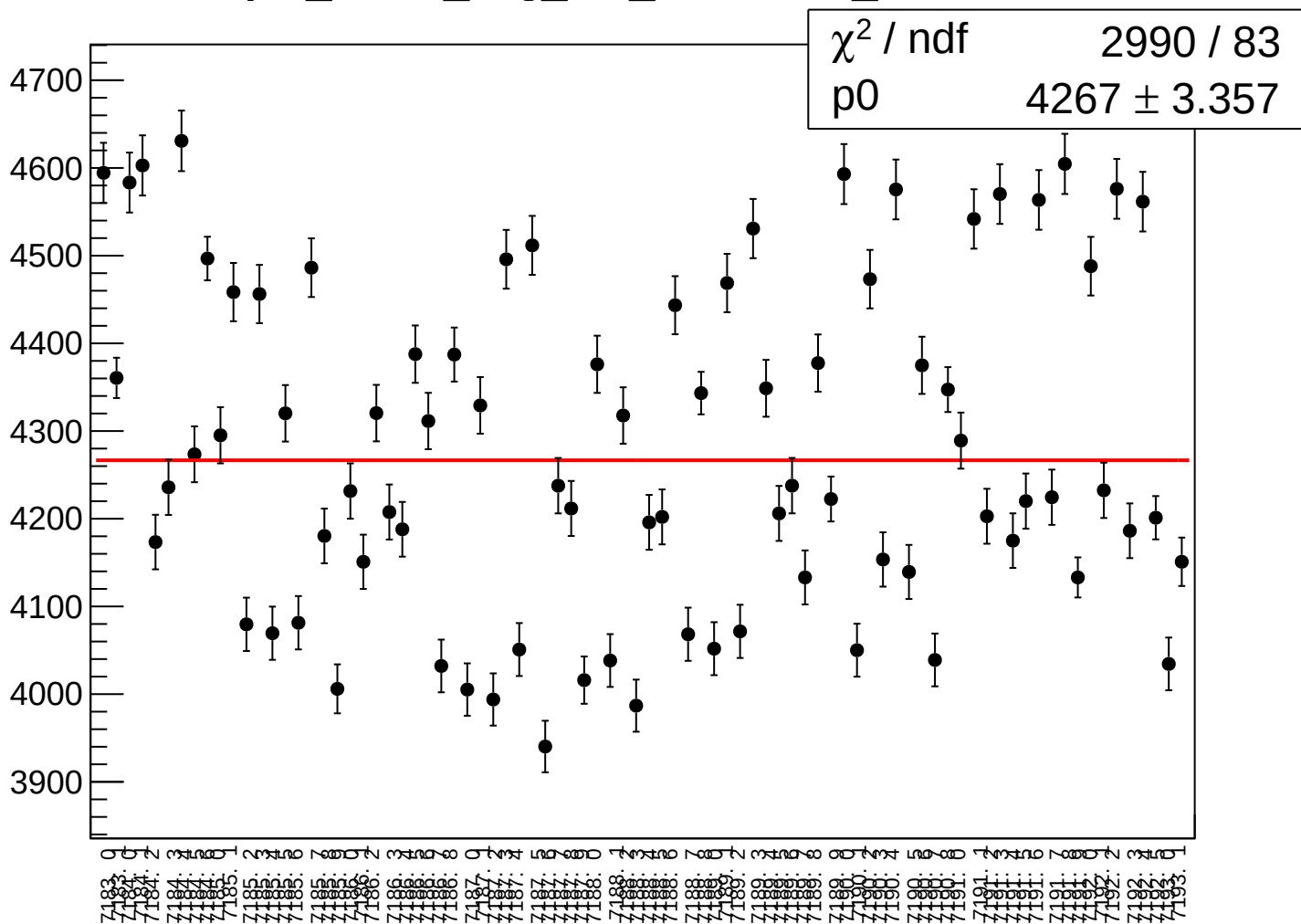
cor_asym_atl1r2_avg_rms vs run



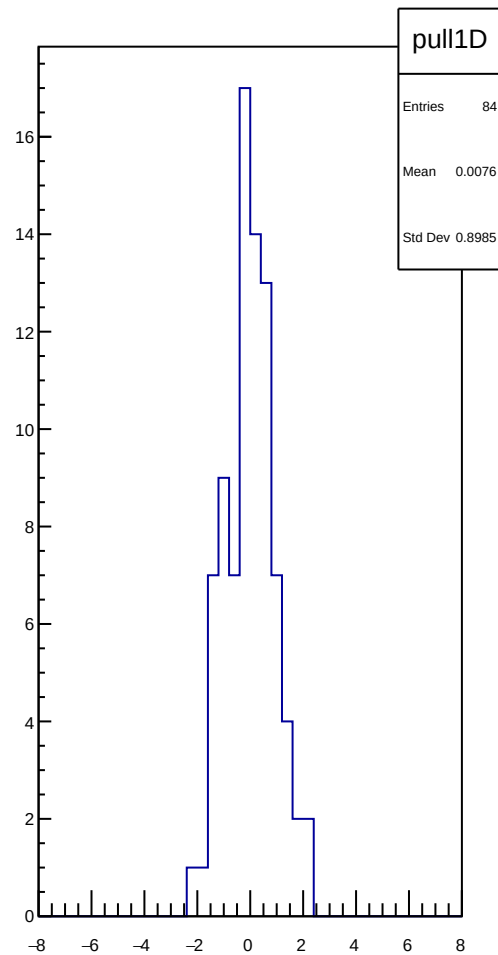
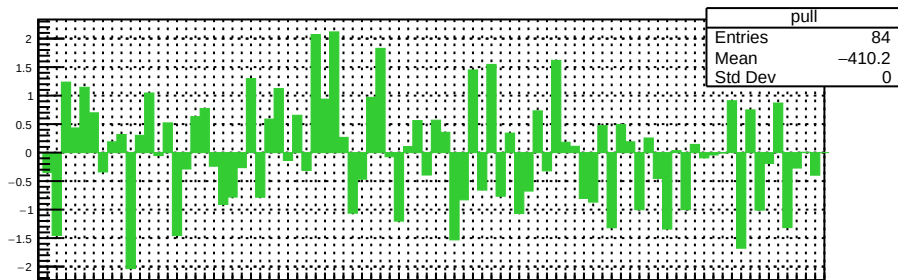
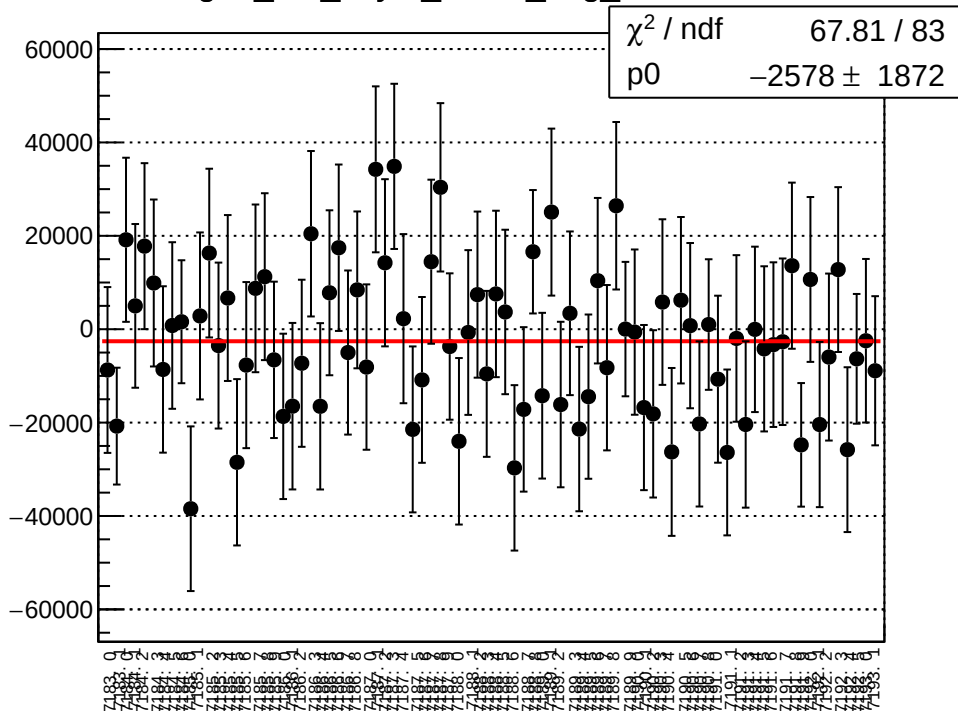
asym_atl1r2_avg_cor_correction_mean vs run



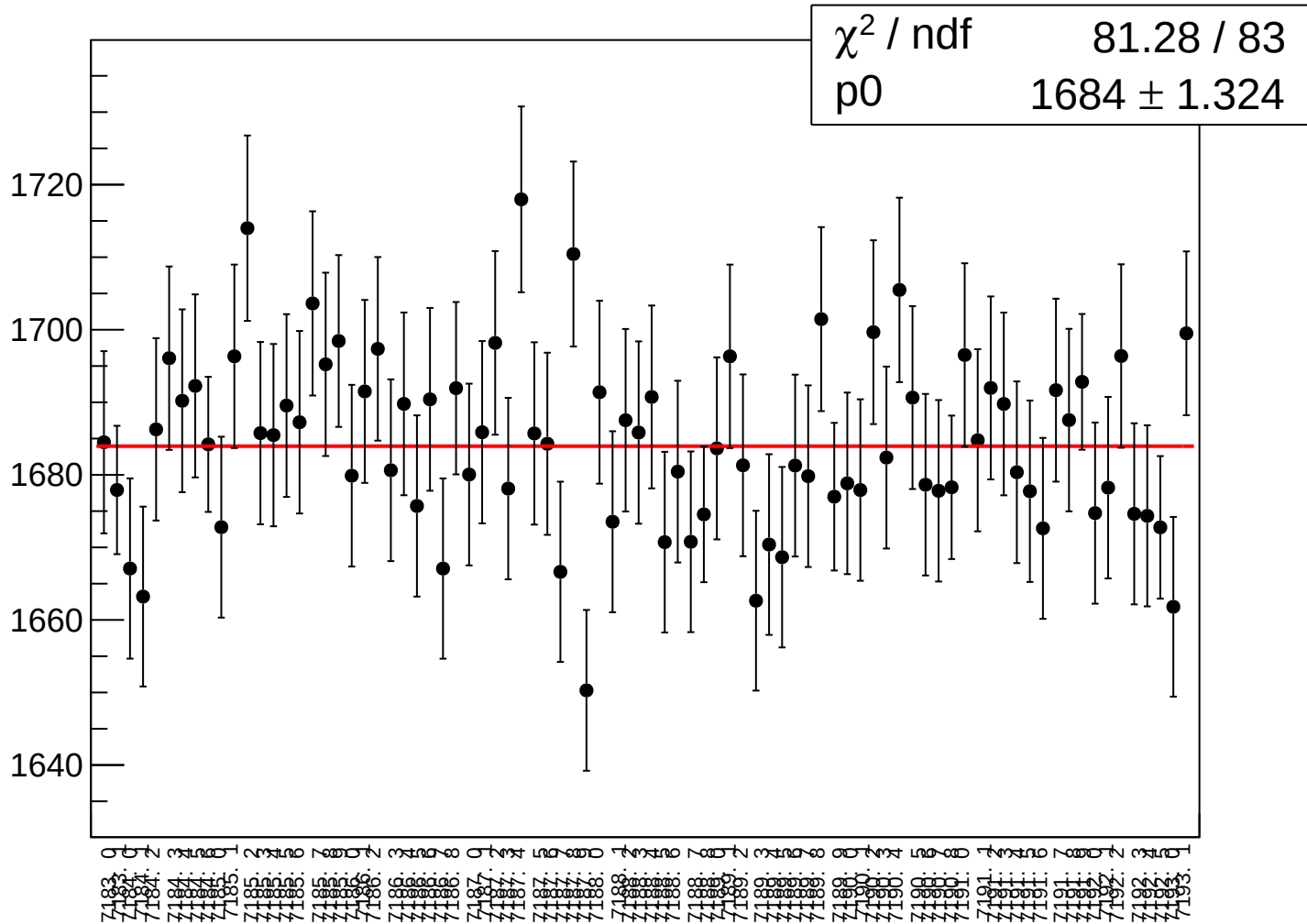
asym_atl1r2_avg_cor_correction_rms vs run



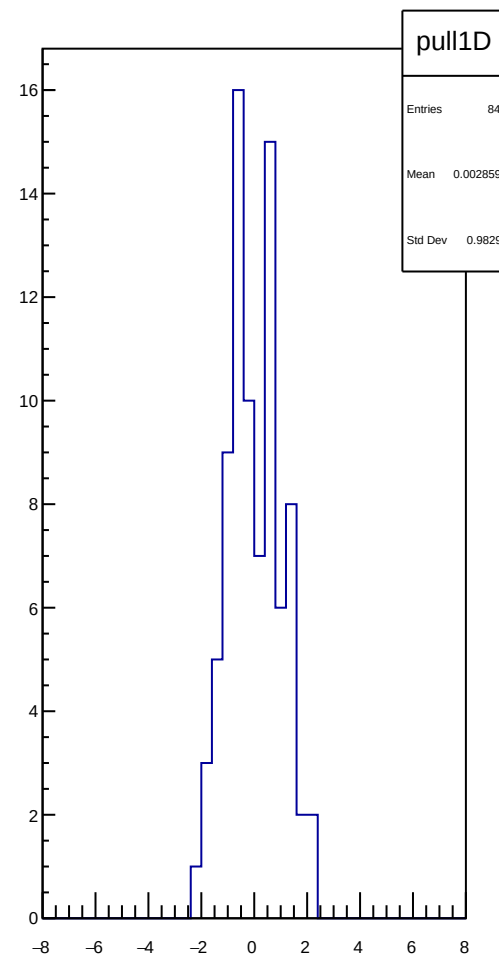
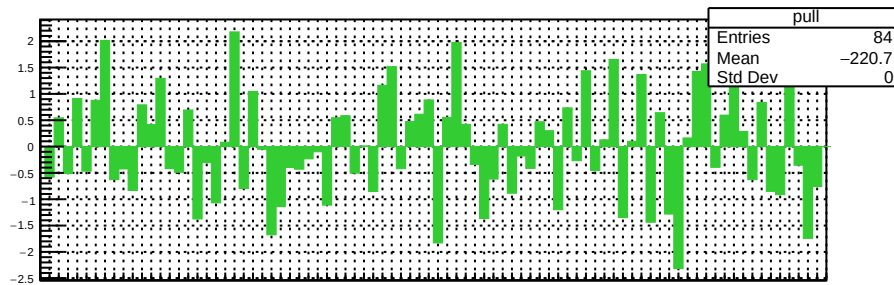
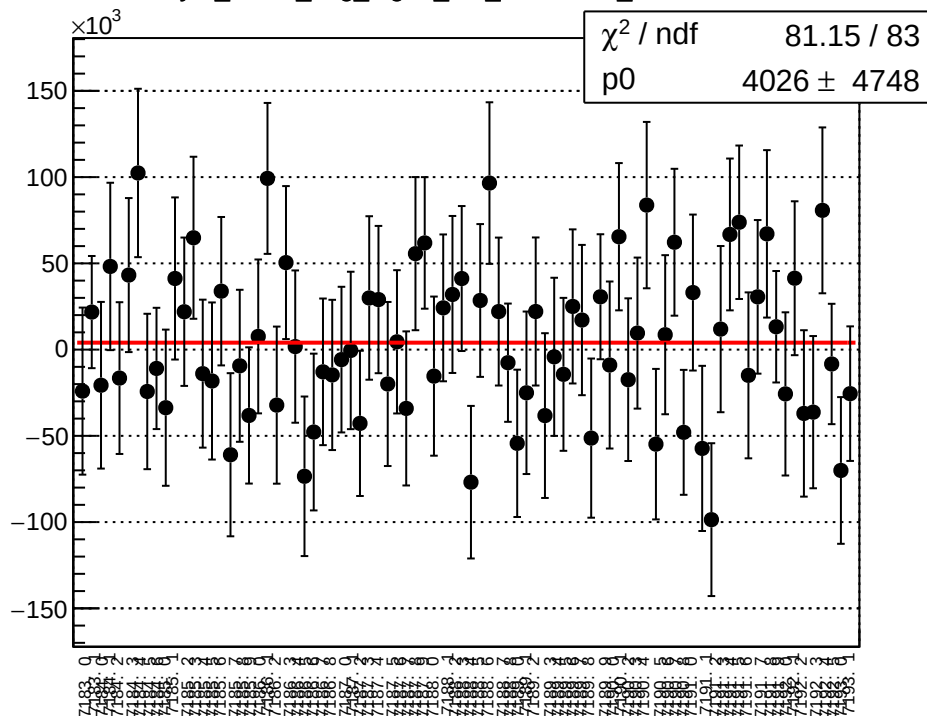
eigen_cor_asym_atl1r2_avg_mean vs run



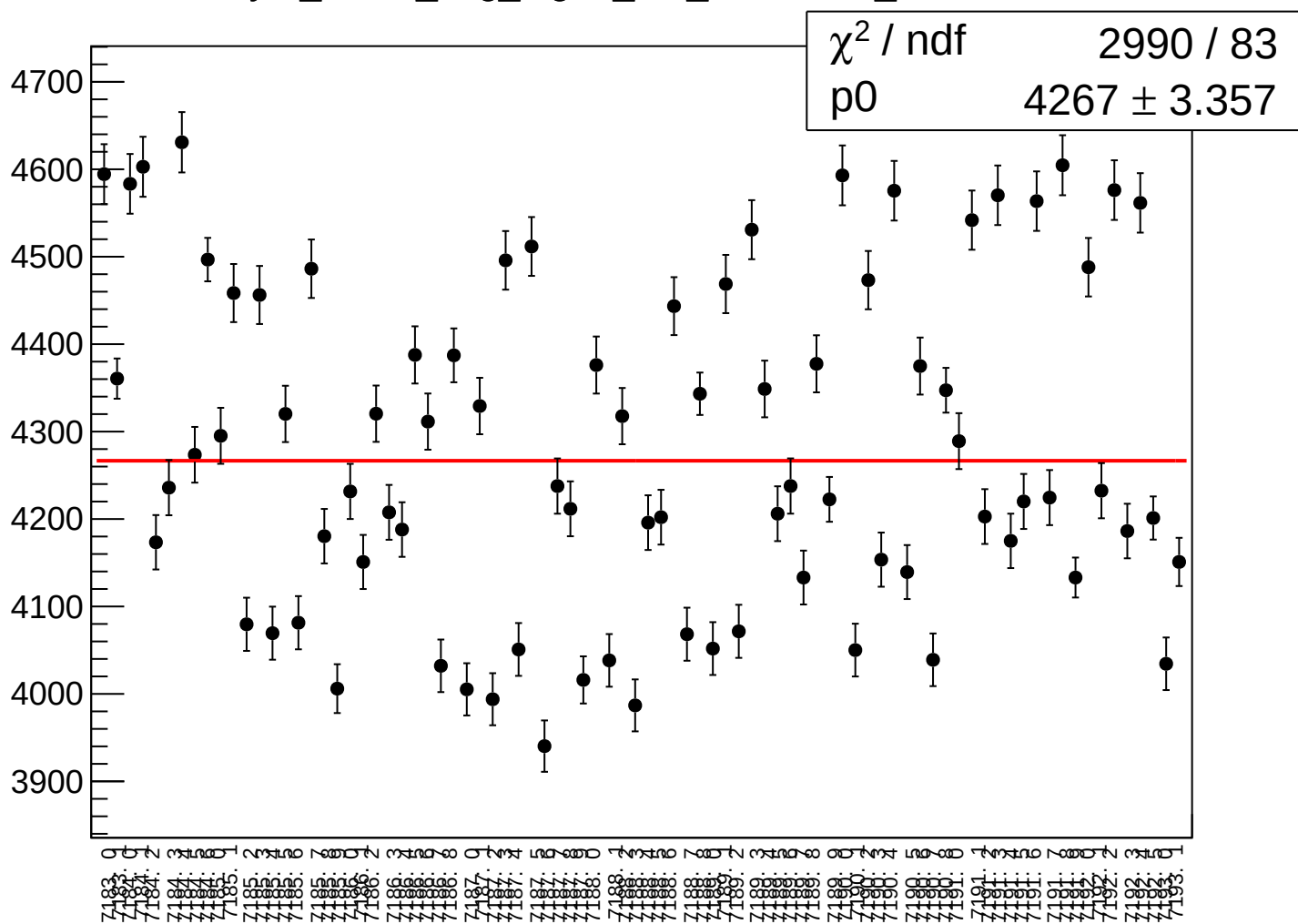
eigen_cor_asym_atl1r2_avg_rms vs run



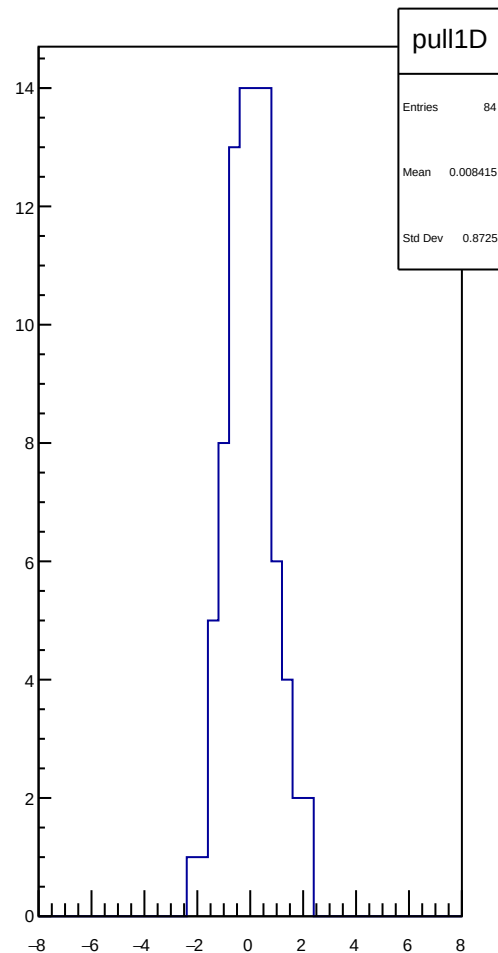
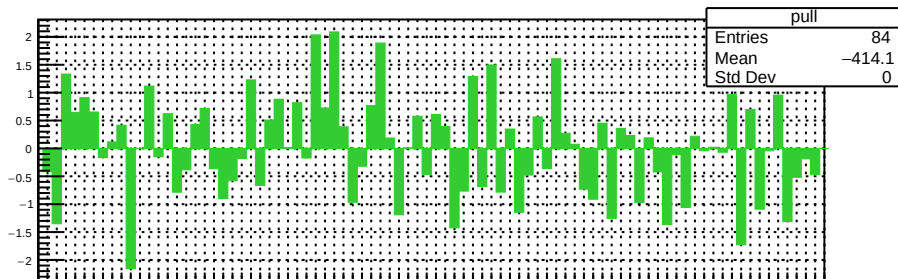
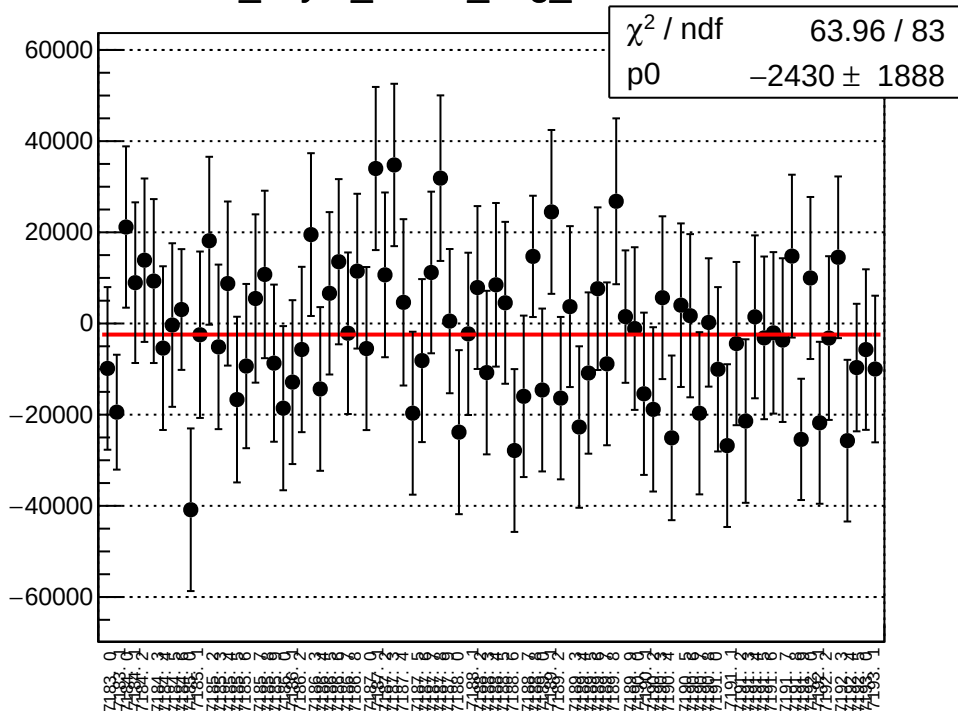
asym_atl1r2_avg_eigen_cor_correction_mean vs run



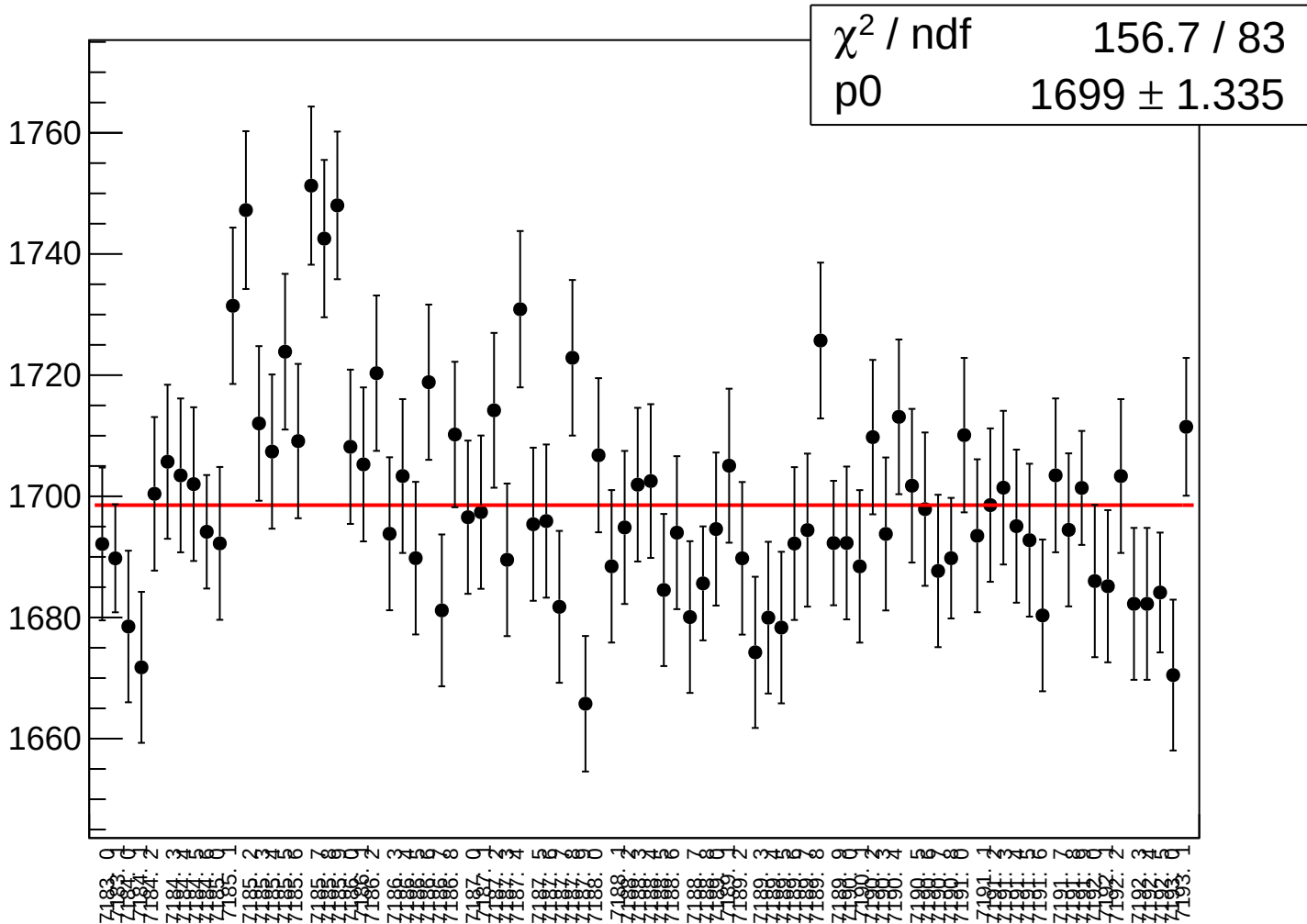
asym_atl1r2_avg_eigen_cor_correction_rms vs run



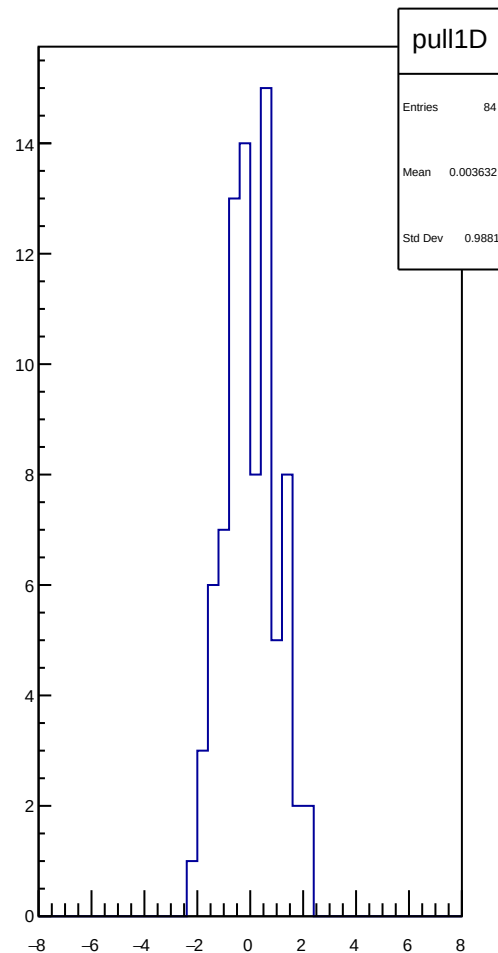
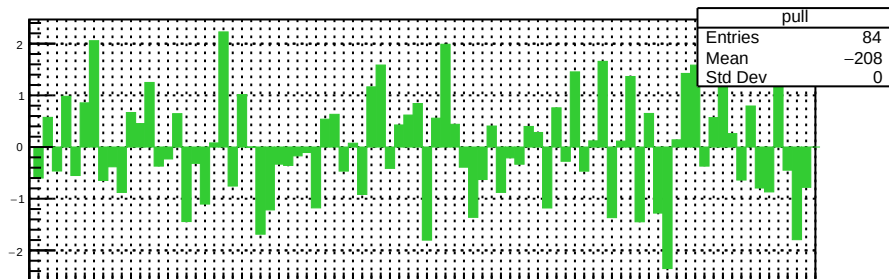
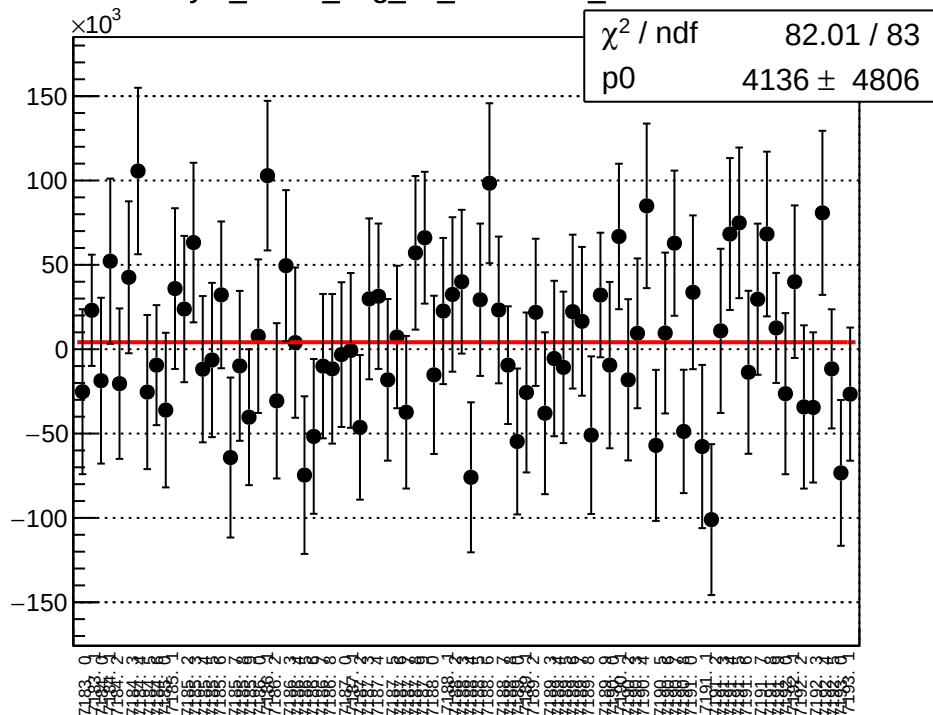
dit_asym_atl1r2_avg_mean vs run



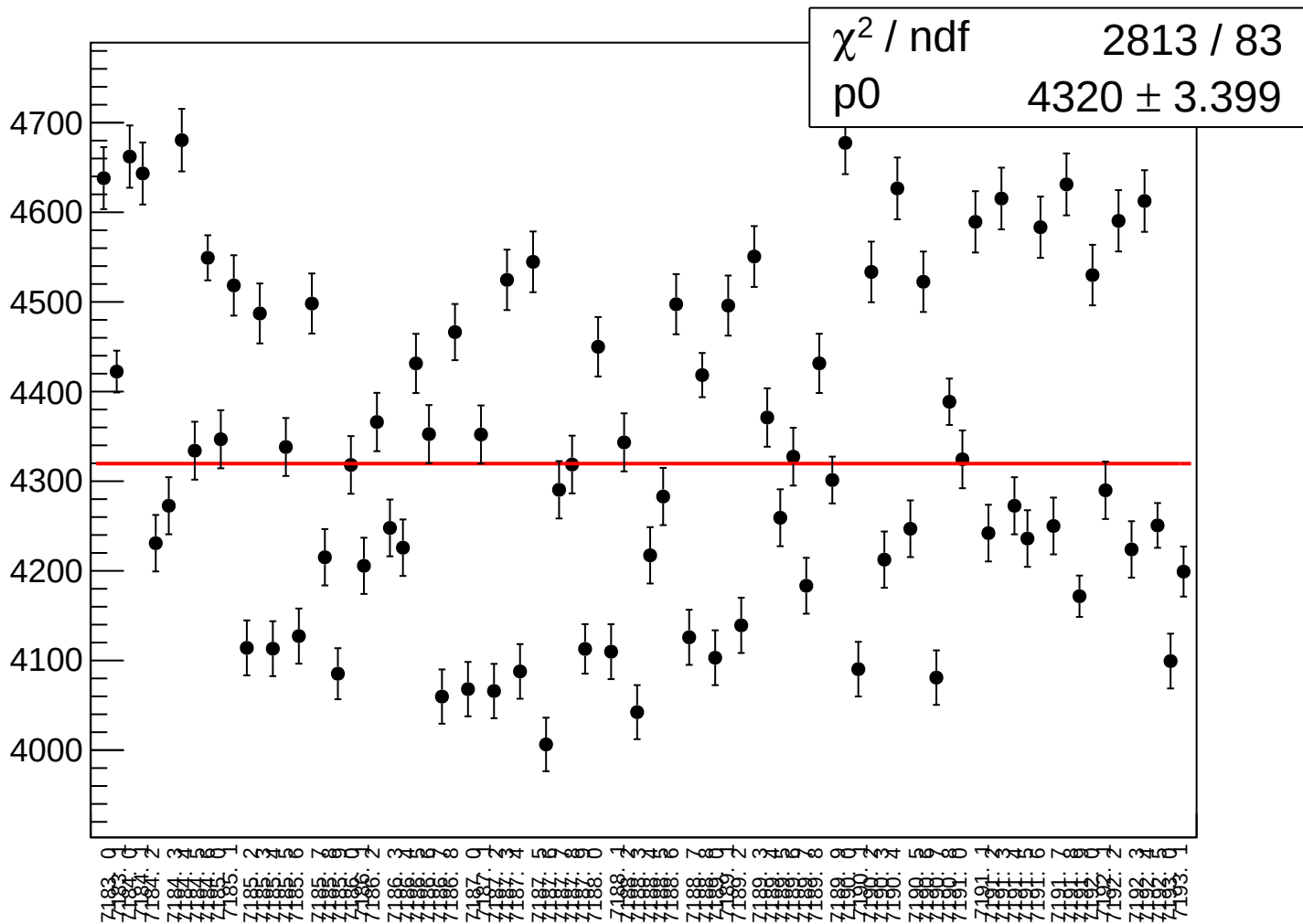
dit_asym_atl1r2_avg_rms vs run



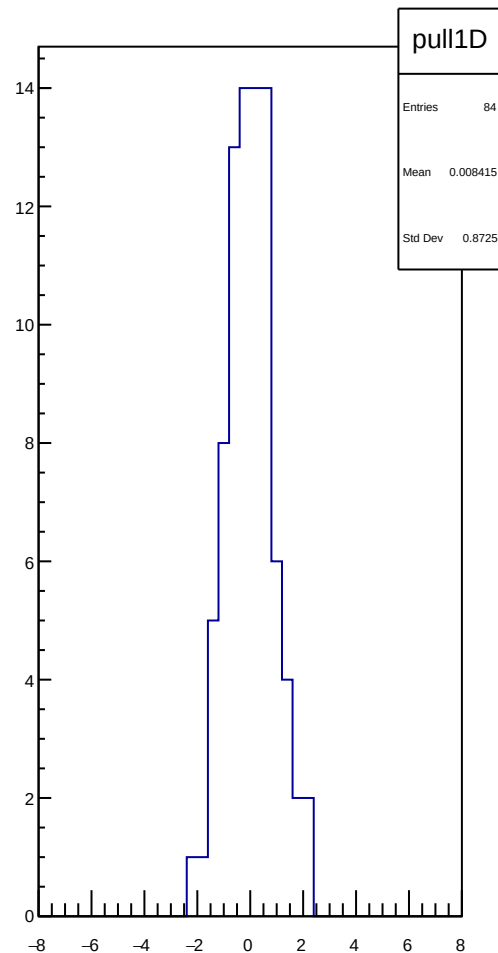
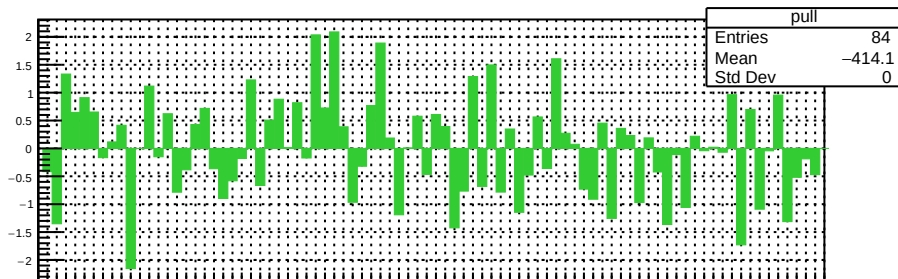
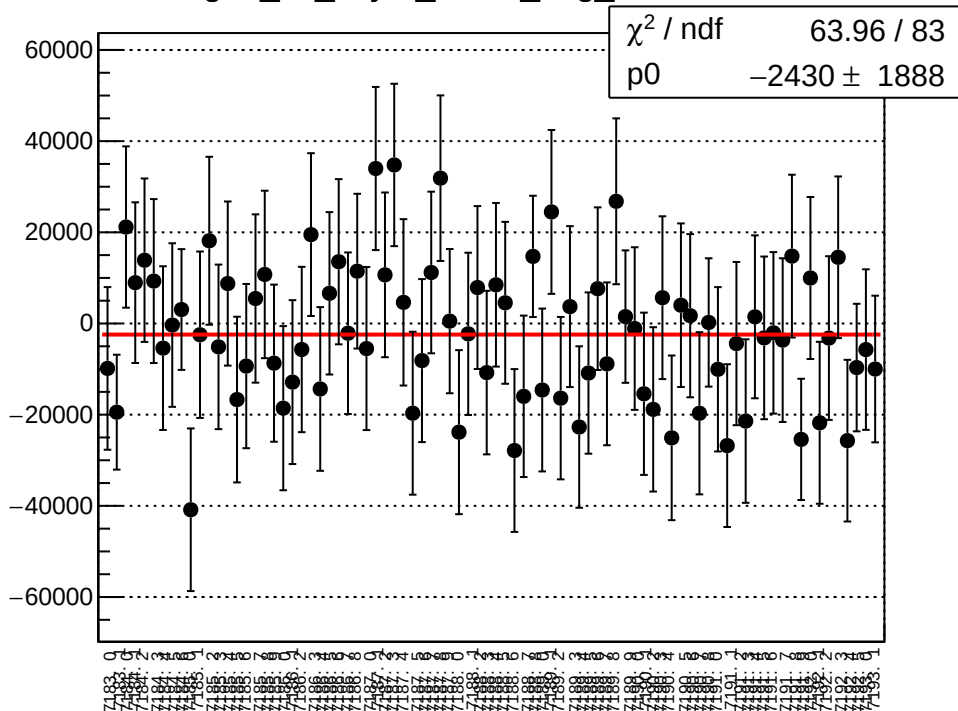
asym_atl1r2_avg_dit_correction_mean vs run



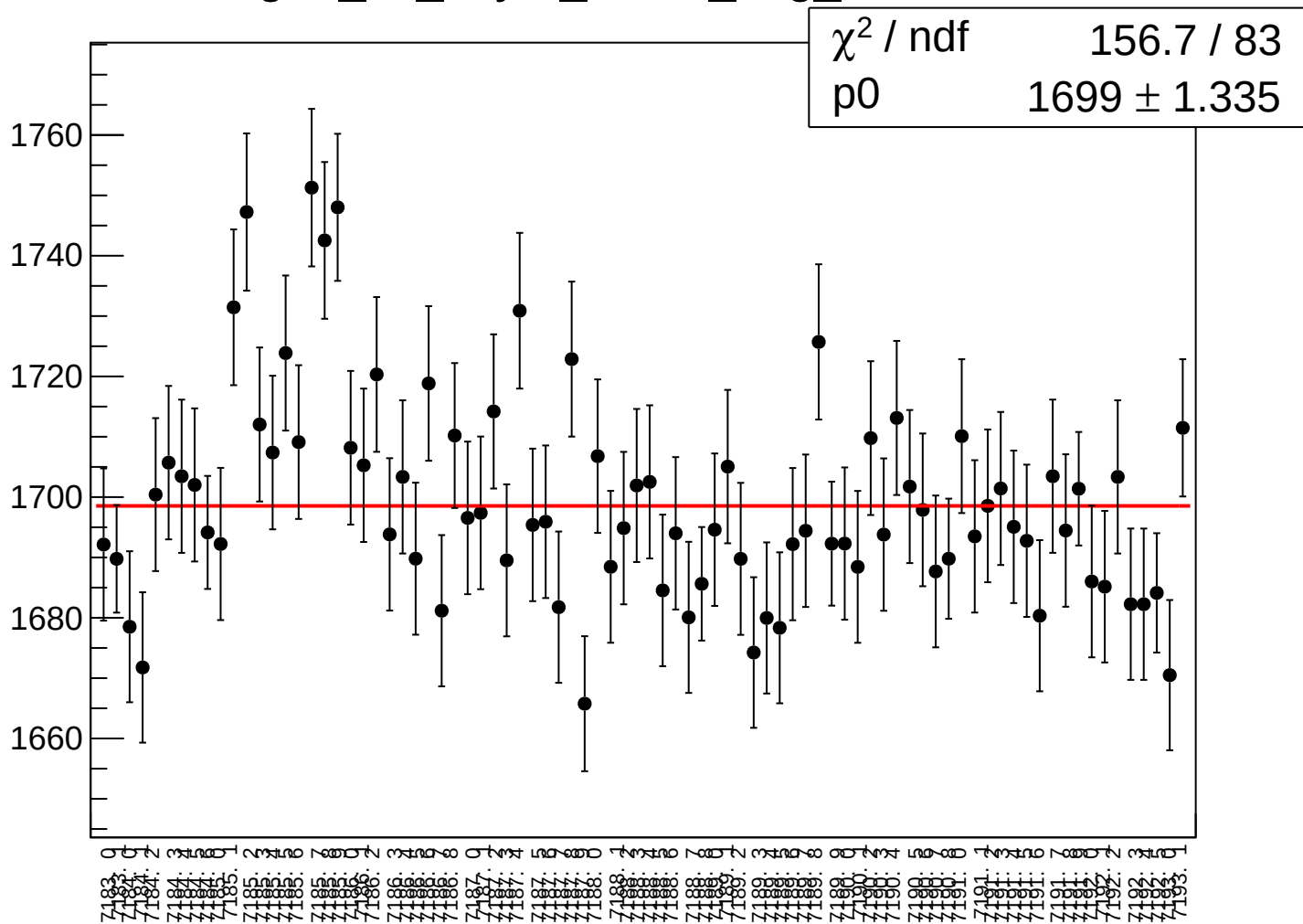
asym_atl1r2_avg_dit_correction_rms vs run



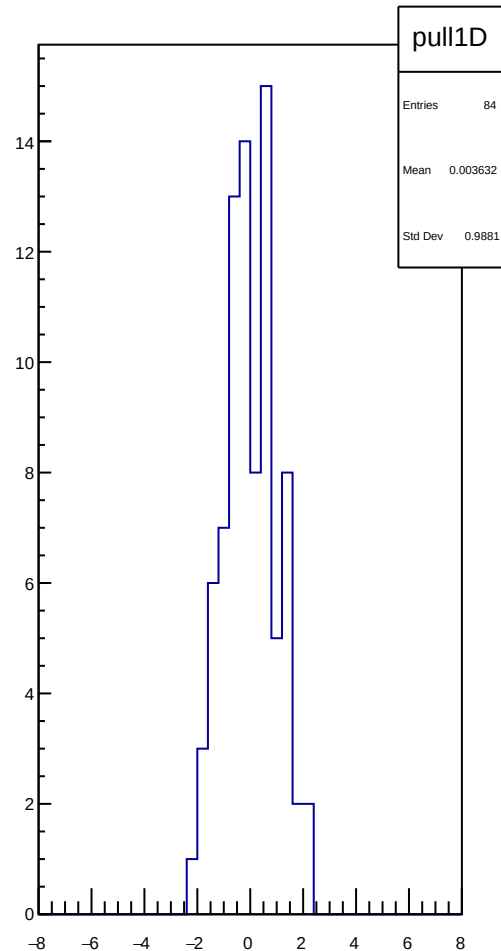
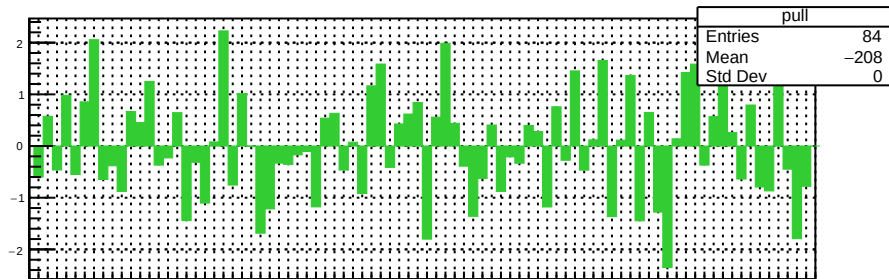
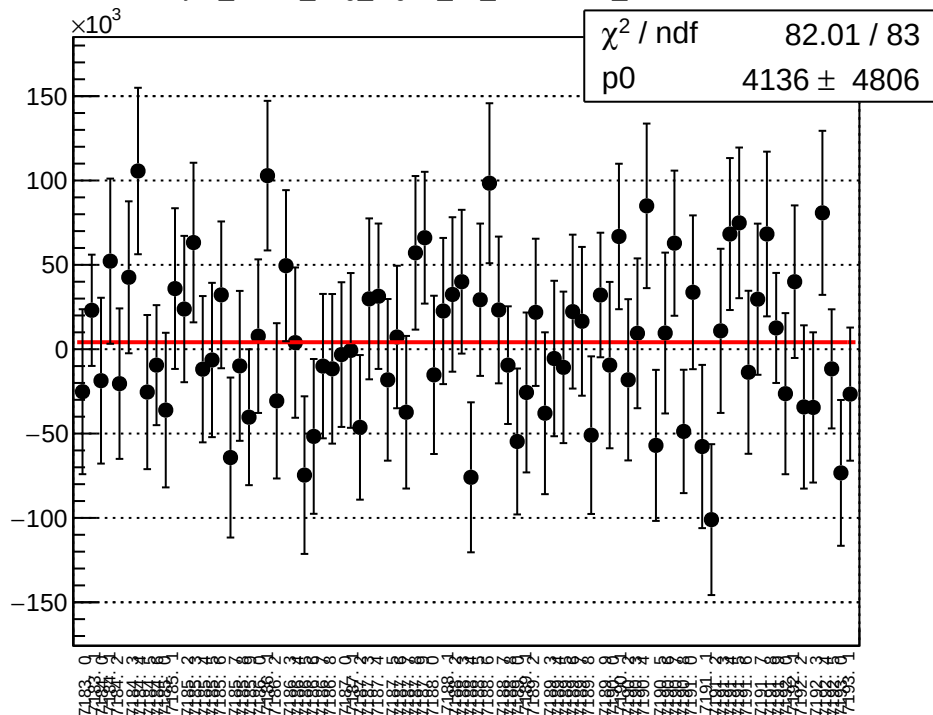
eigen_dit_asym_atl1r2_avg_mean vs run



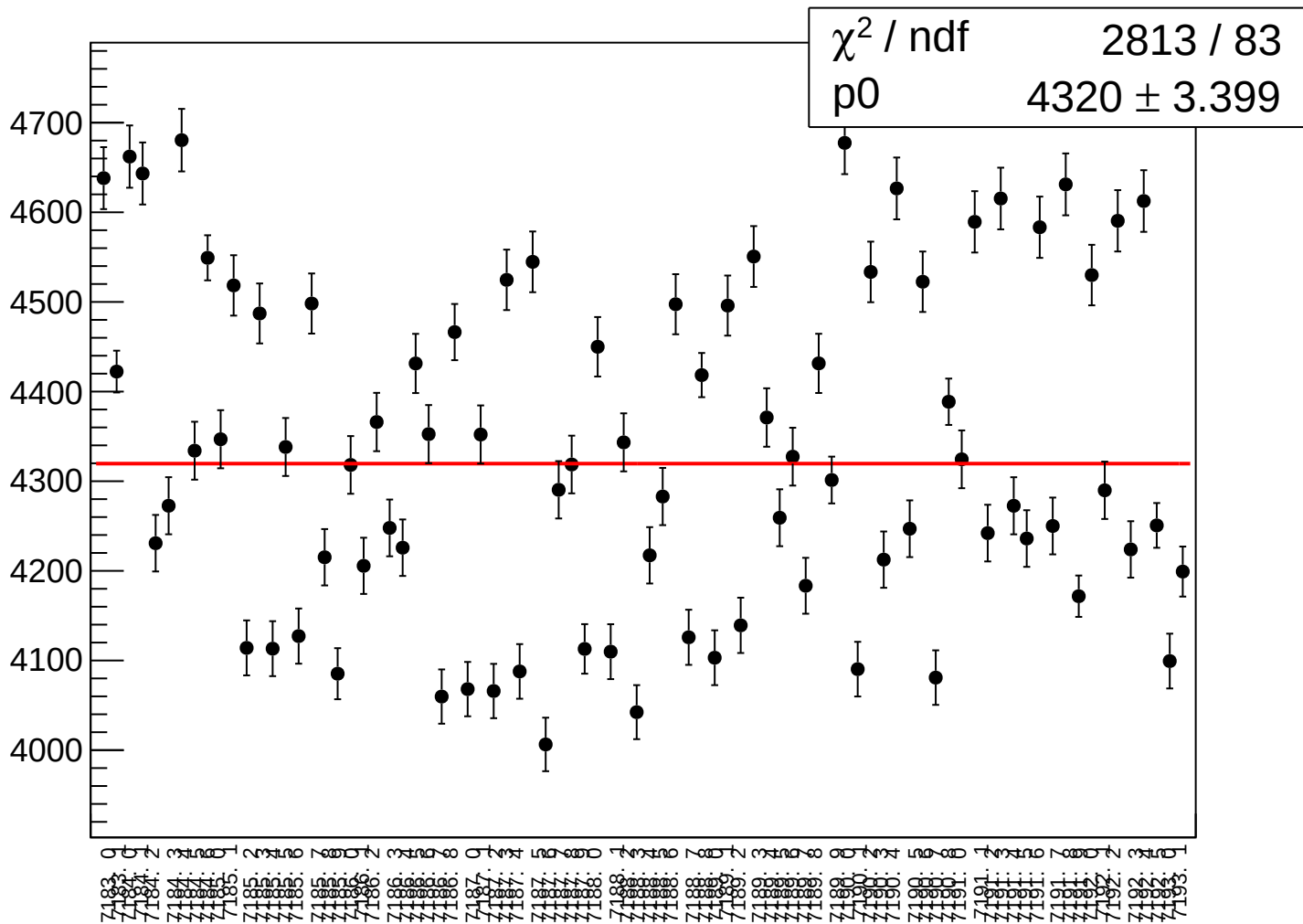
eigen_dit_asym_atl1r2_avg_rms vs run



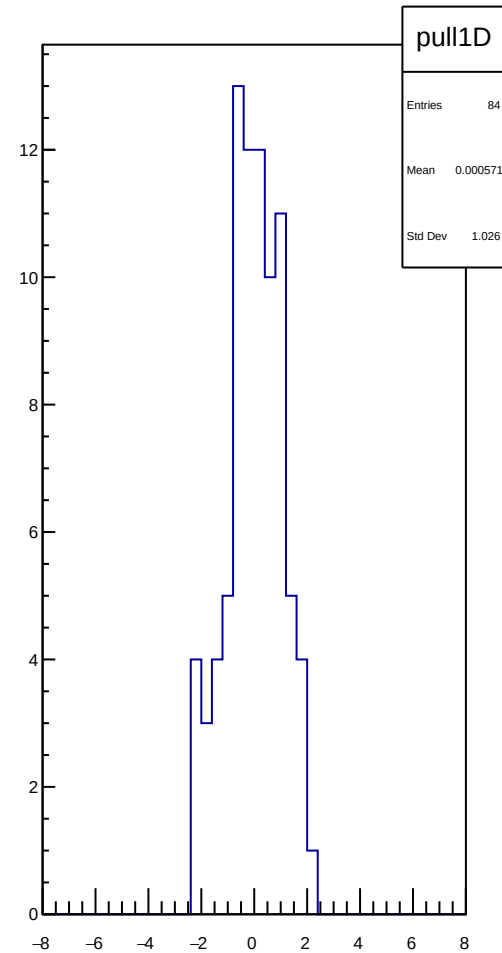
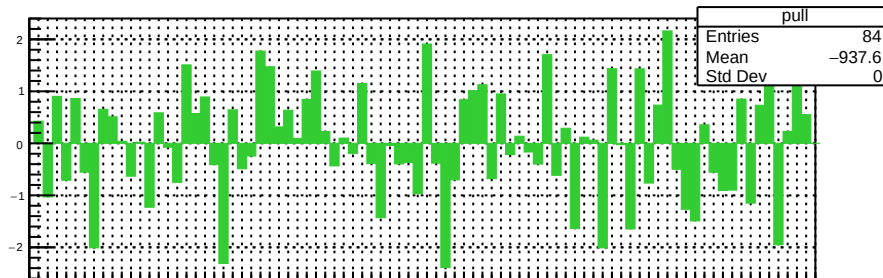
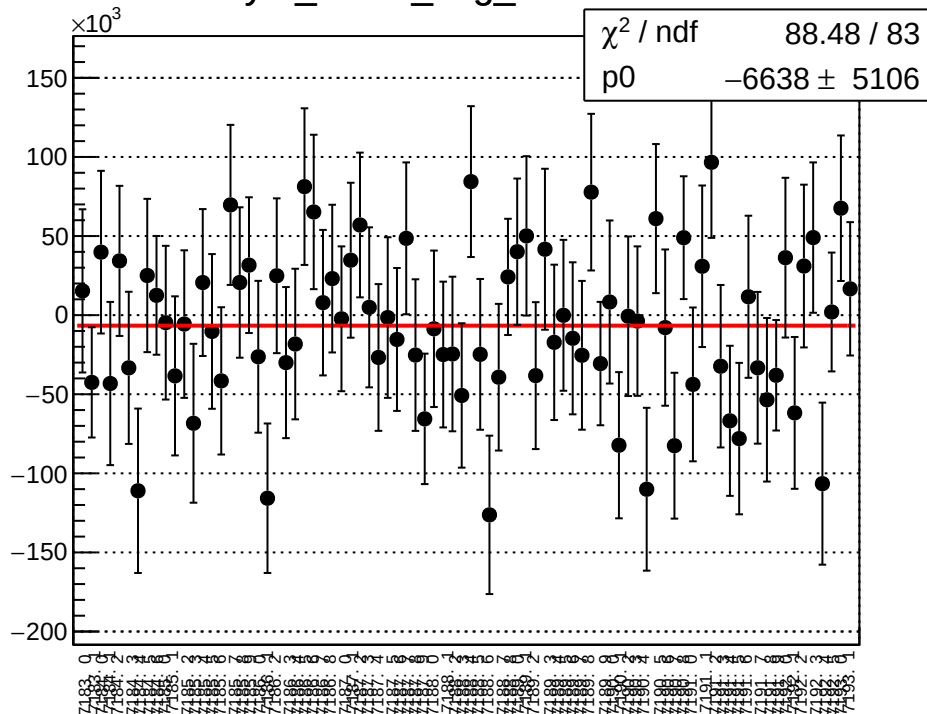
asym_atl1r2_avg_eigen_dit_correction_mean vs run



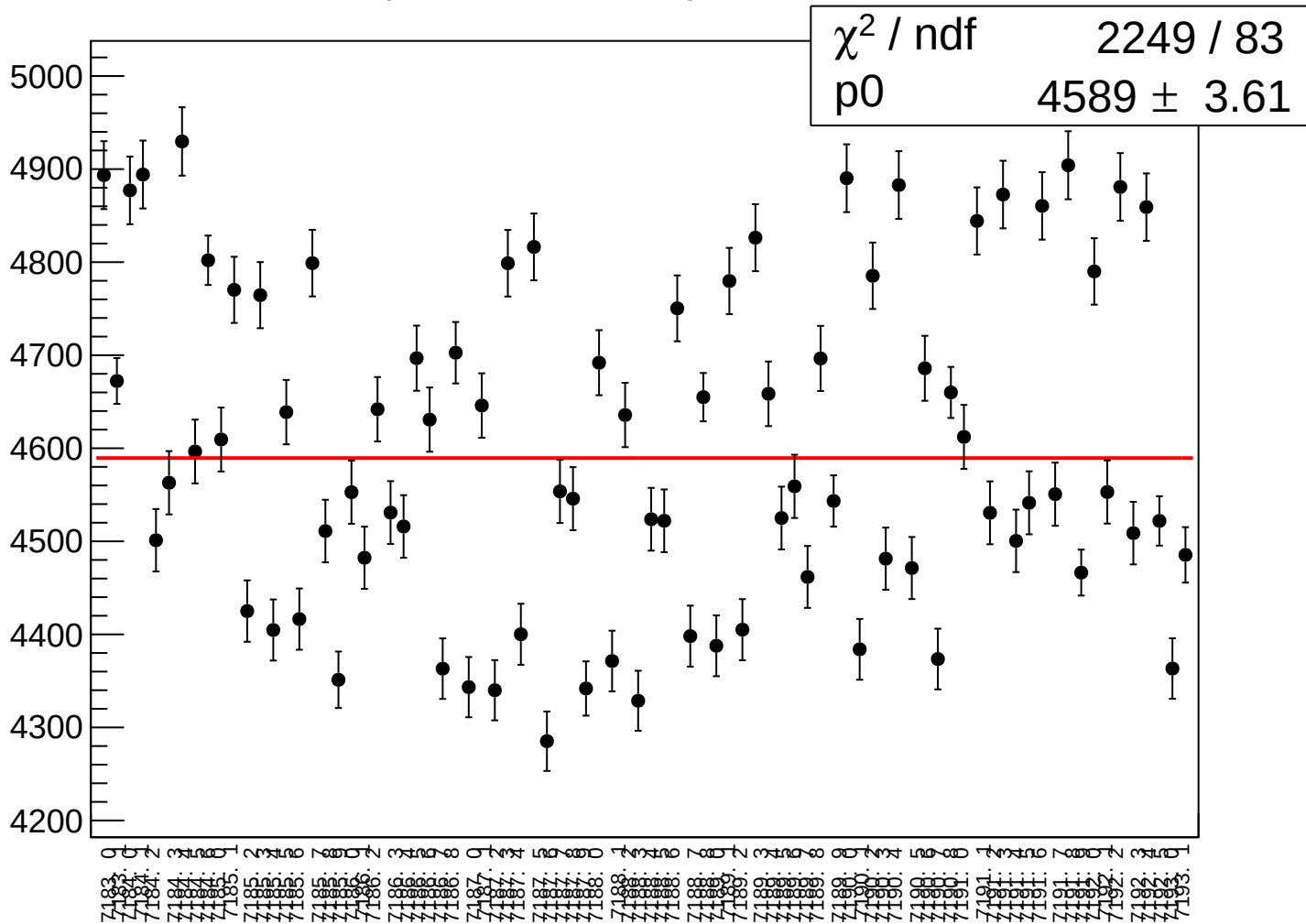
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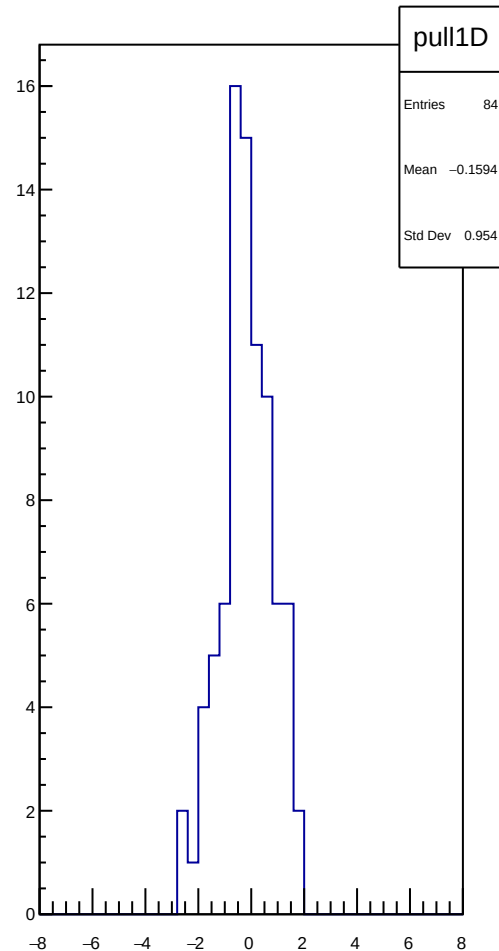
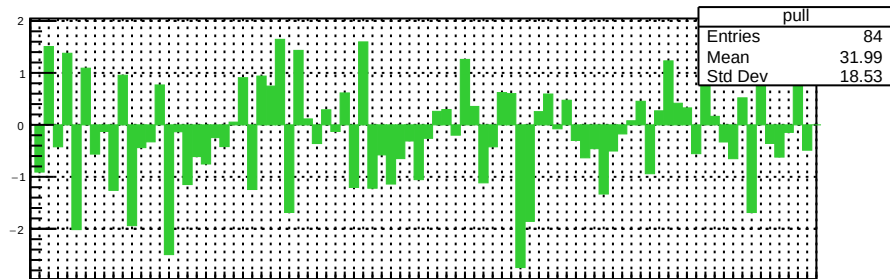
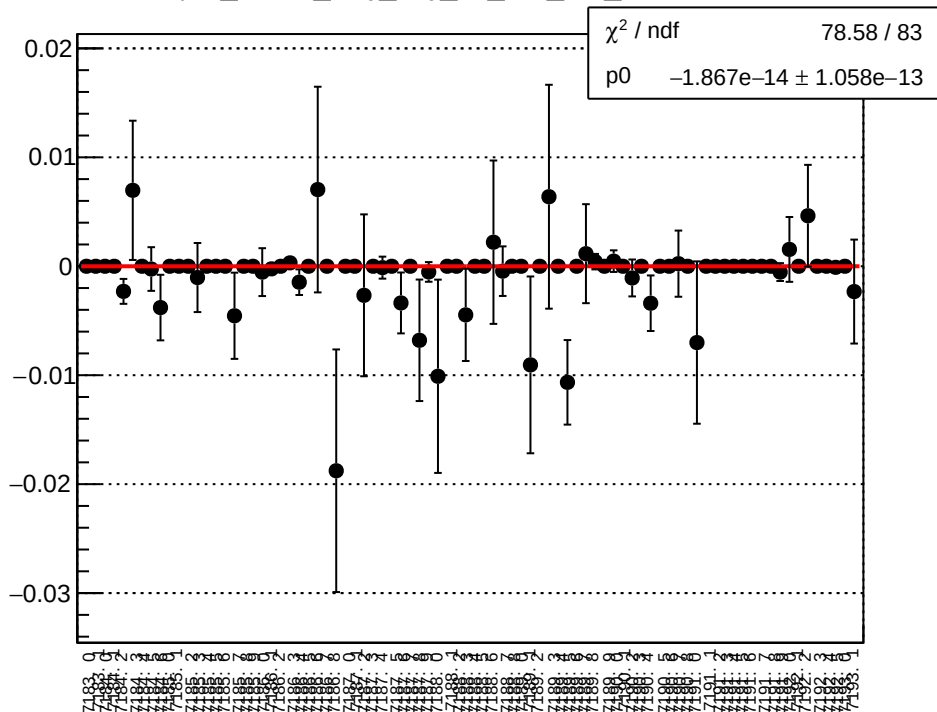
asym_atl1r2_avg_mean vs run



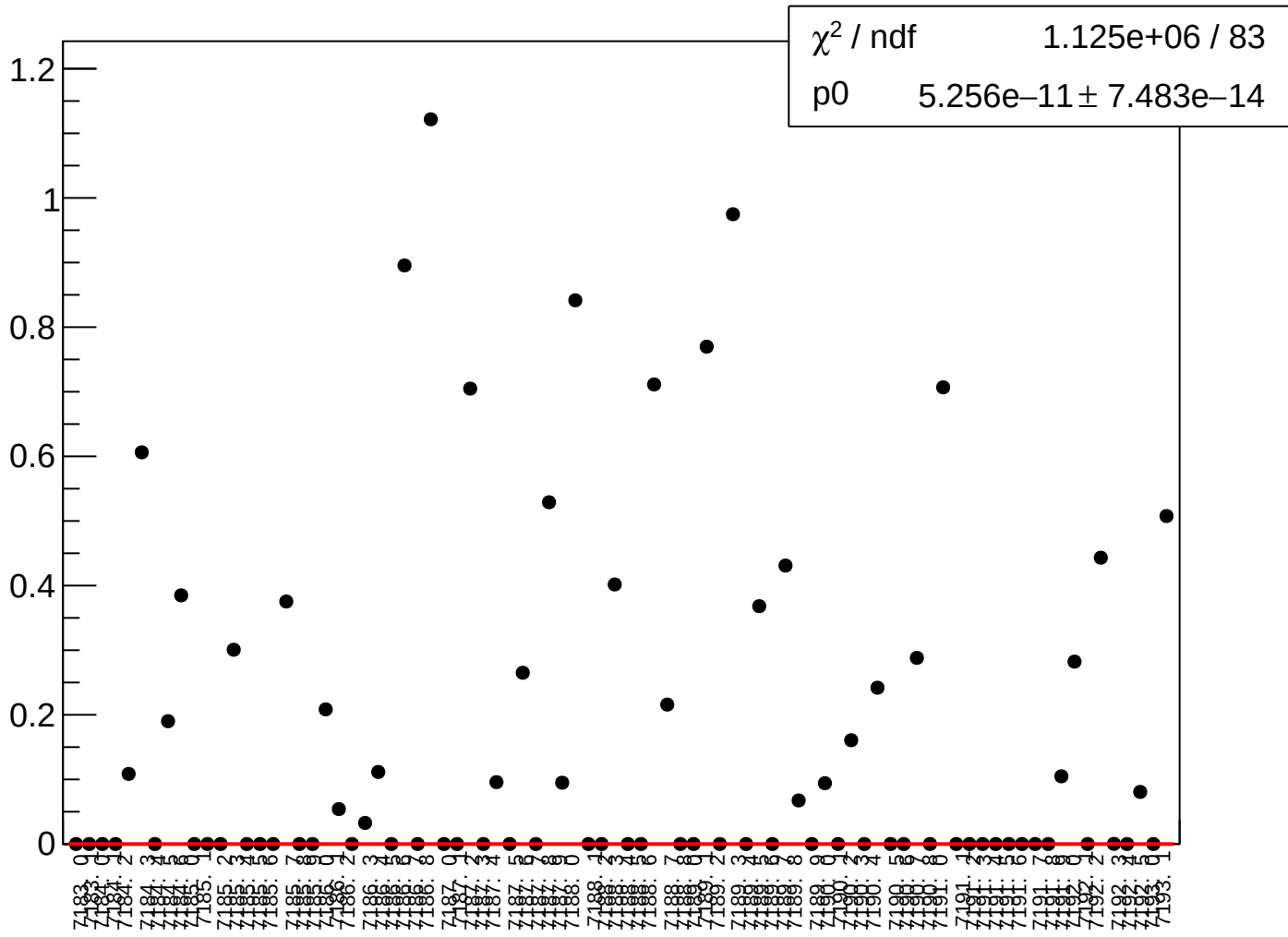
asym_atl1r2_avg_rms vs run



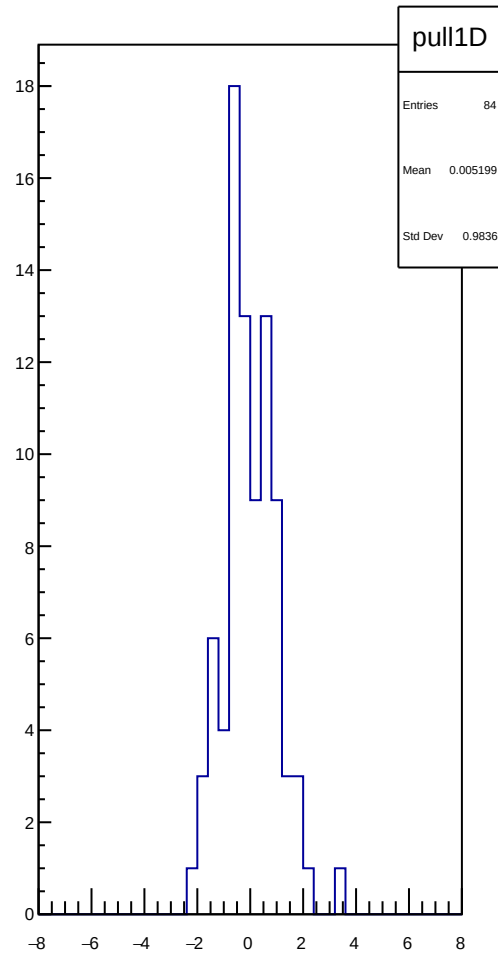
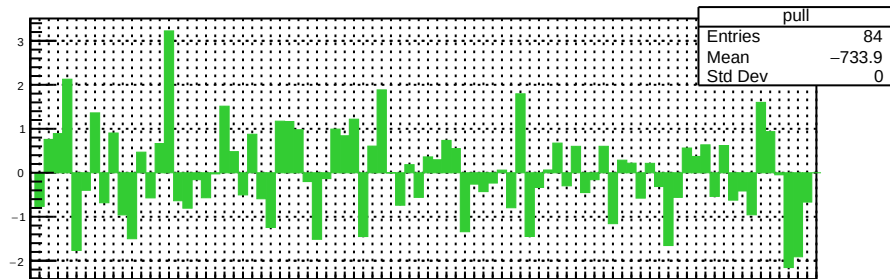
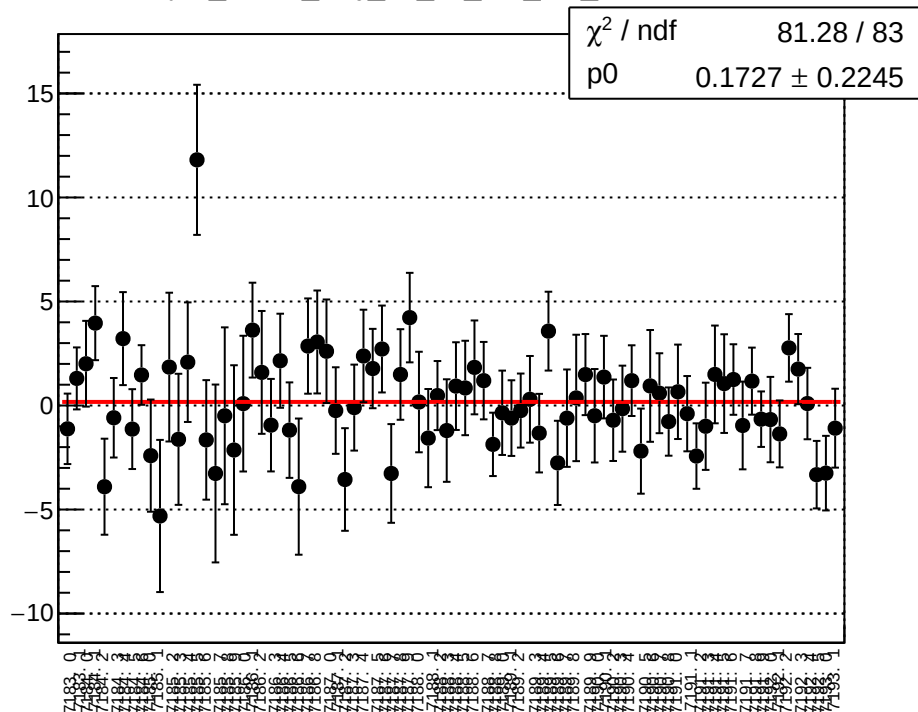
asym_atl1r2_avg_reg_vs_cor_diff_mean vs run



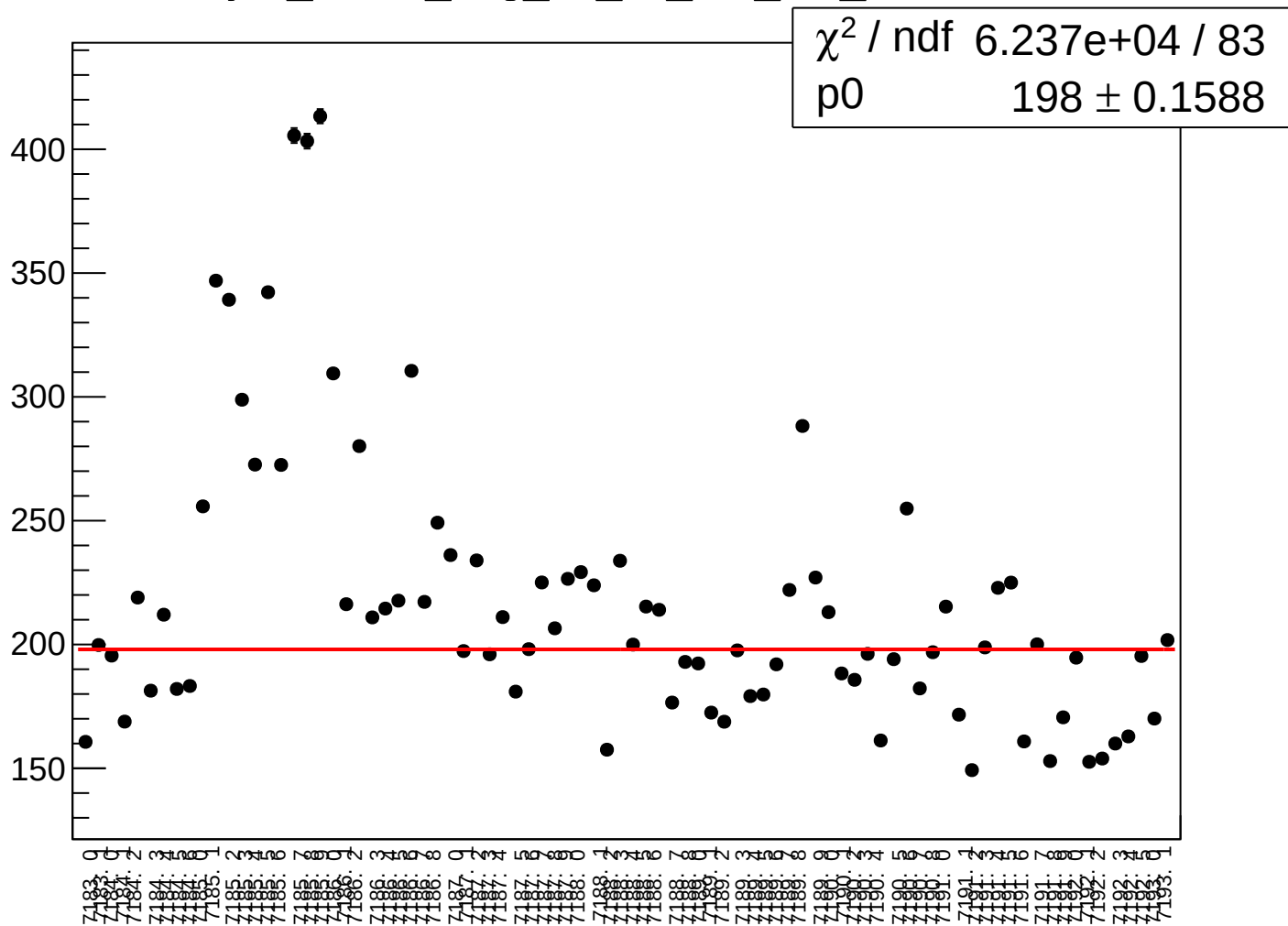
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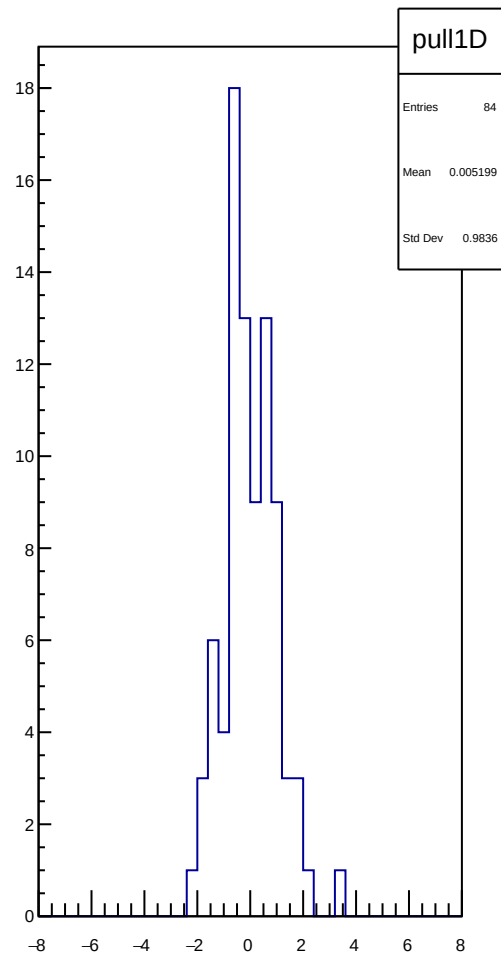
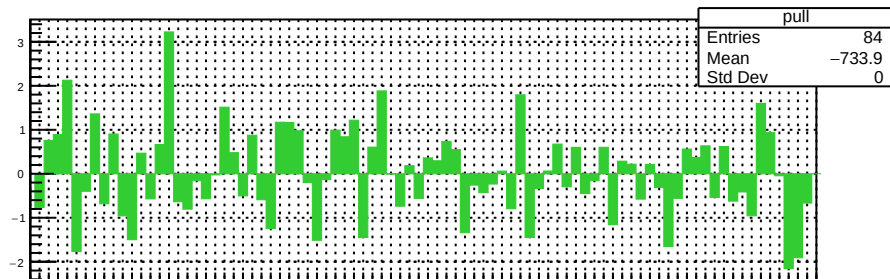
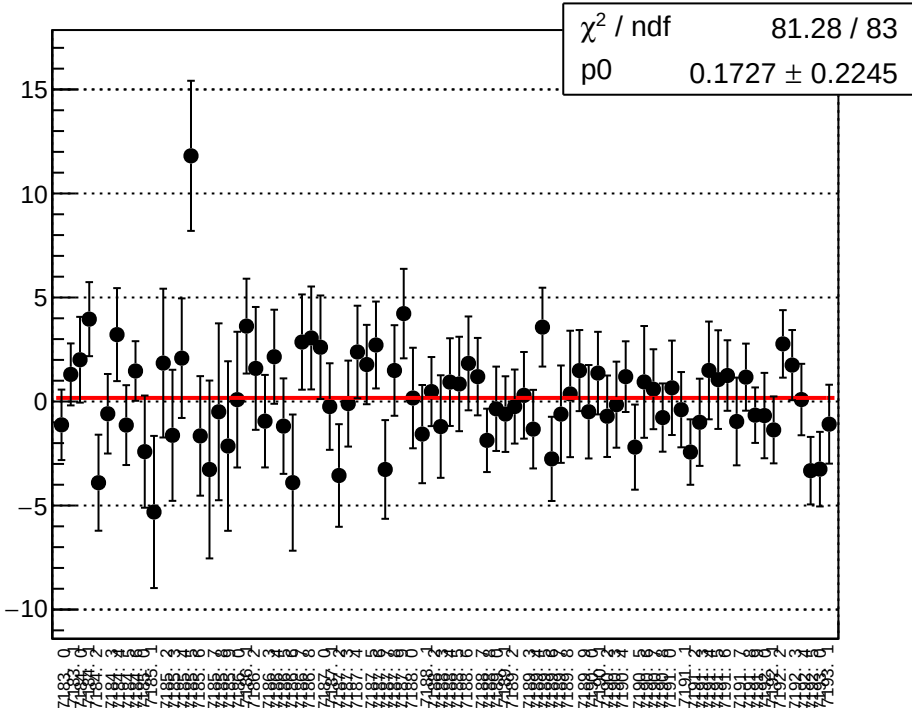
asym_atl1r2_avg_dit_vs_cor_diff_mean vs run



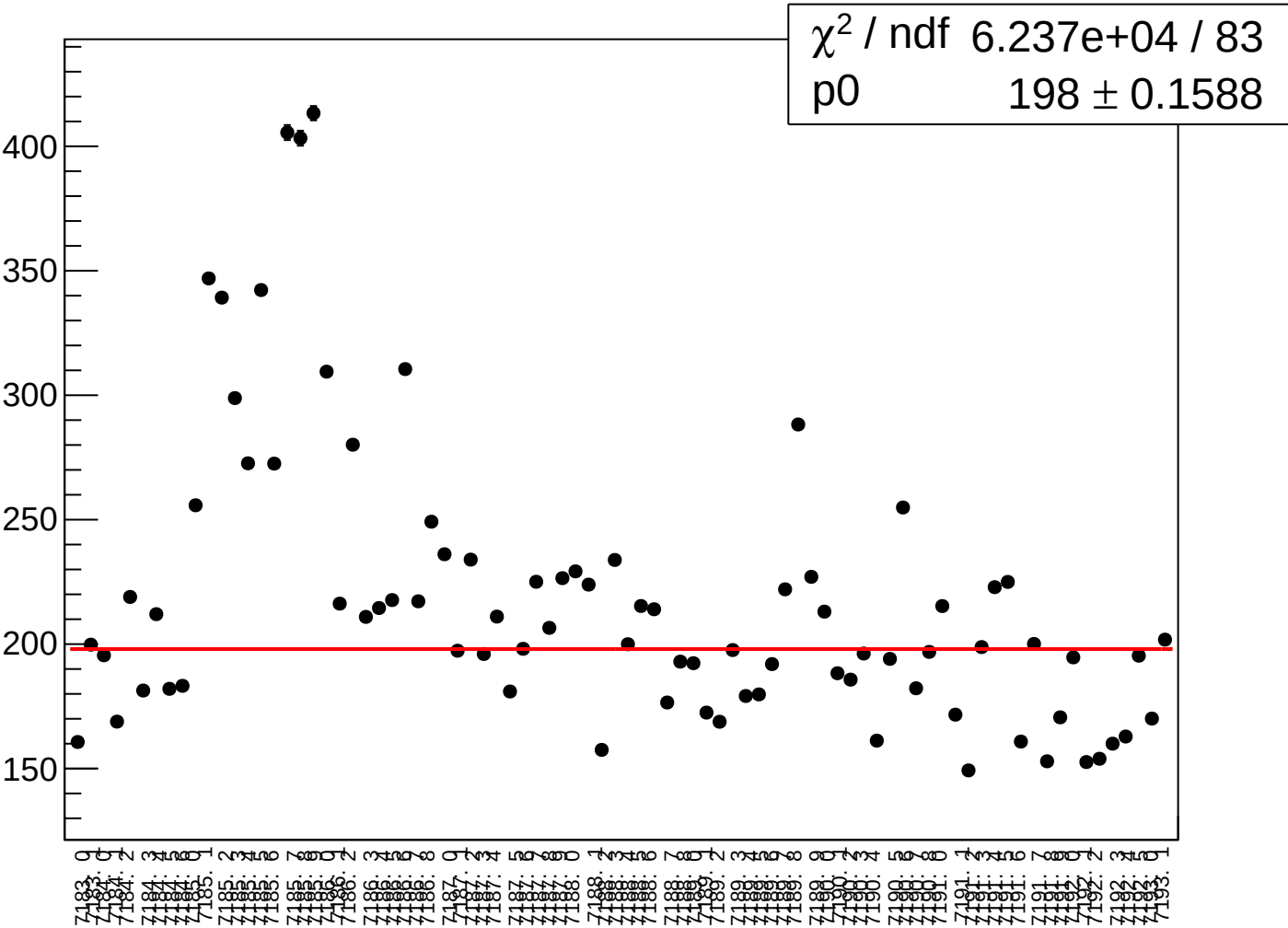
asym_atl1r2_avg_dit_vs_cor_diff_rms vs run



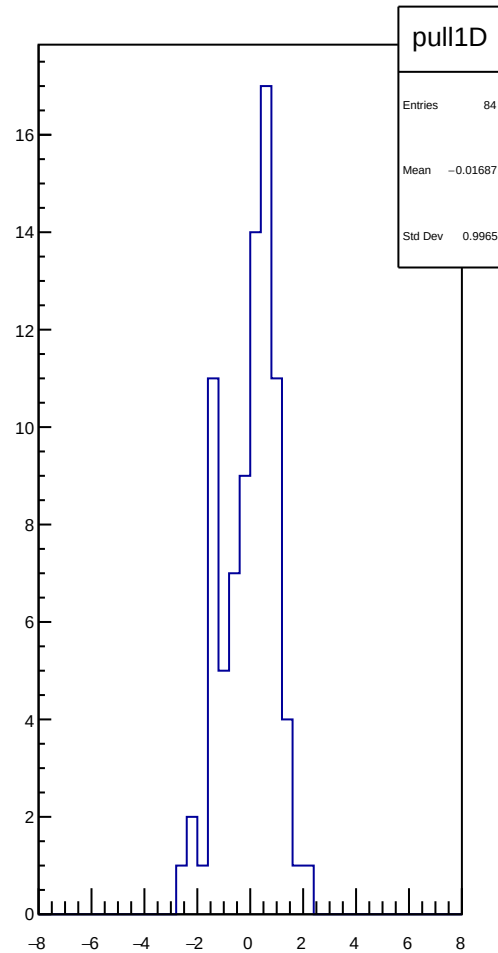
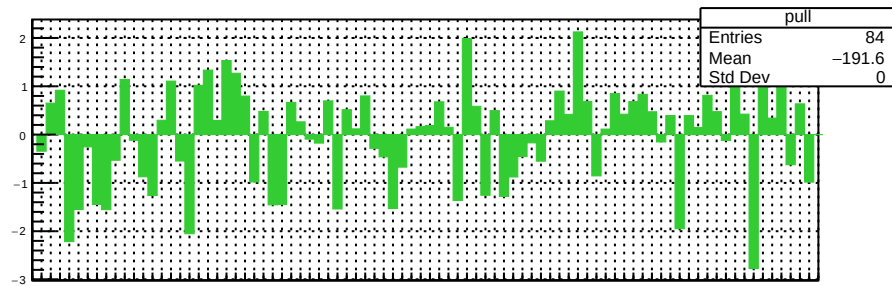
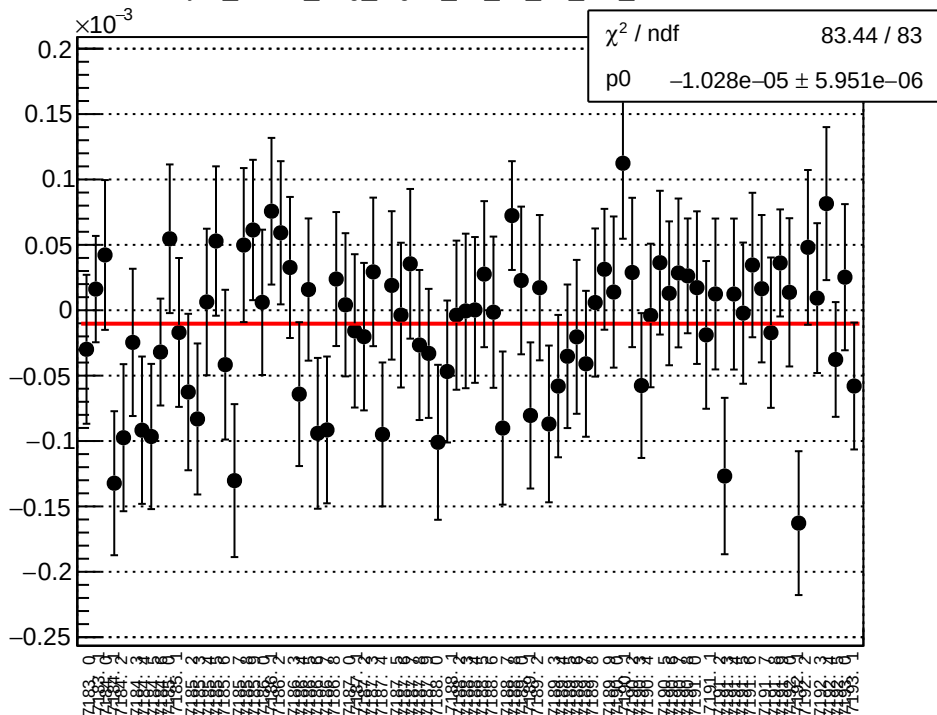
asym atl1r2 avg dit vs eigen cor diff mean vs run



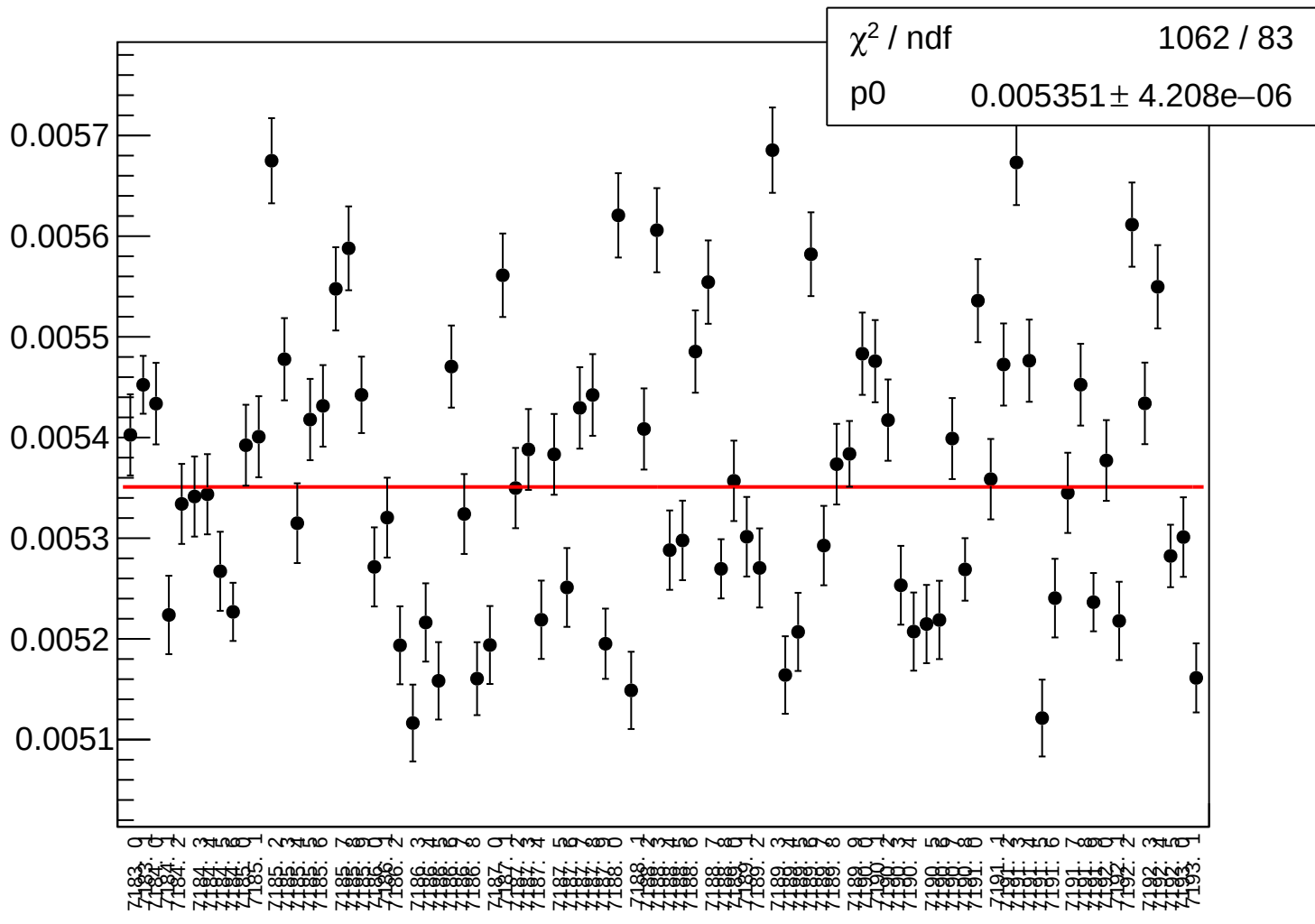
asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs run



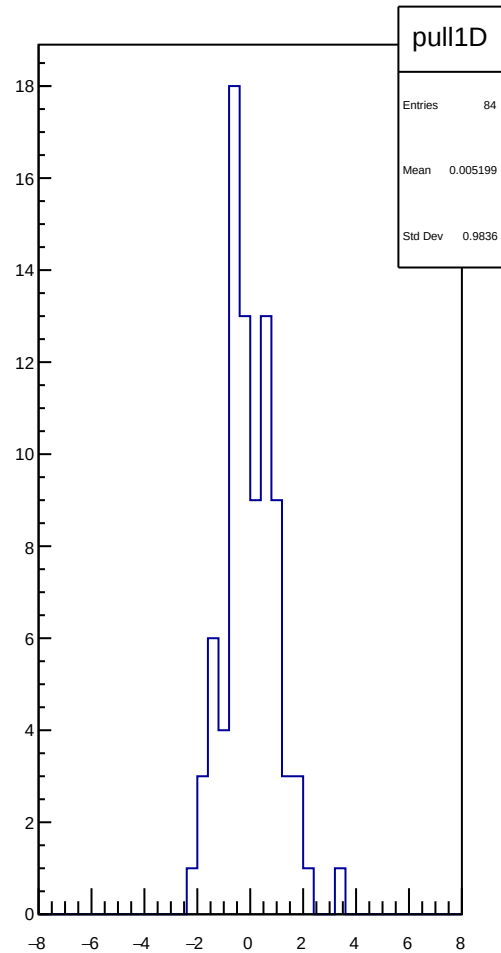
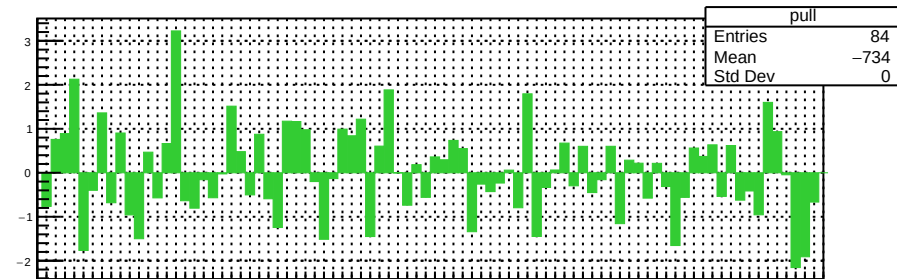
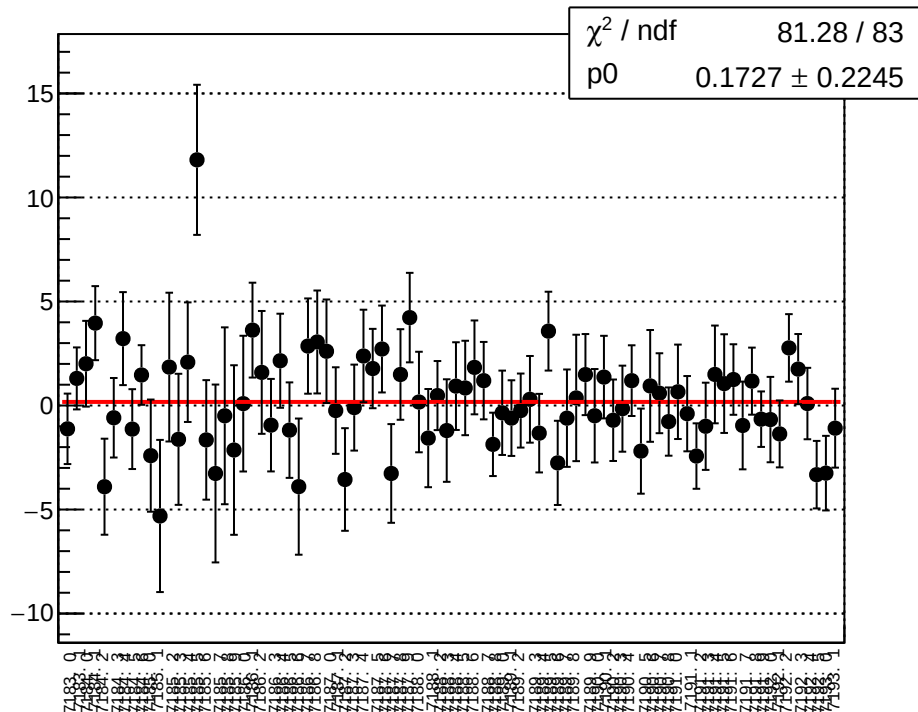
asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs run



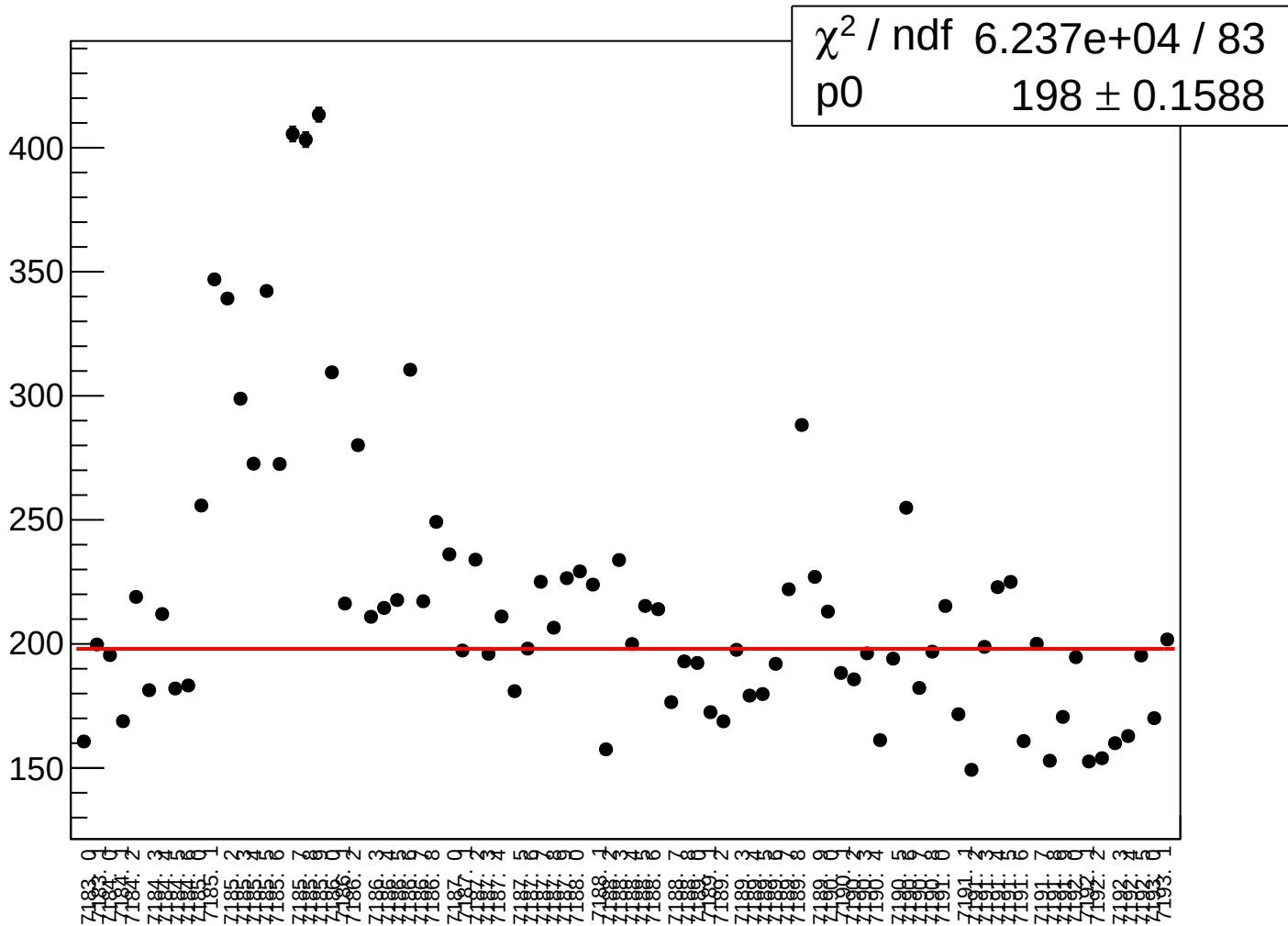
asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs run



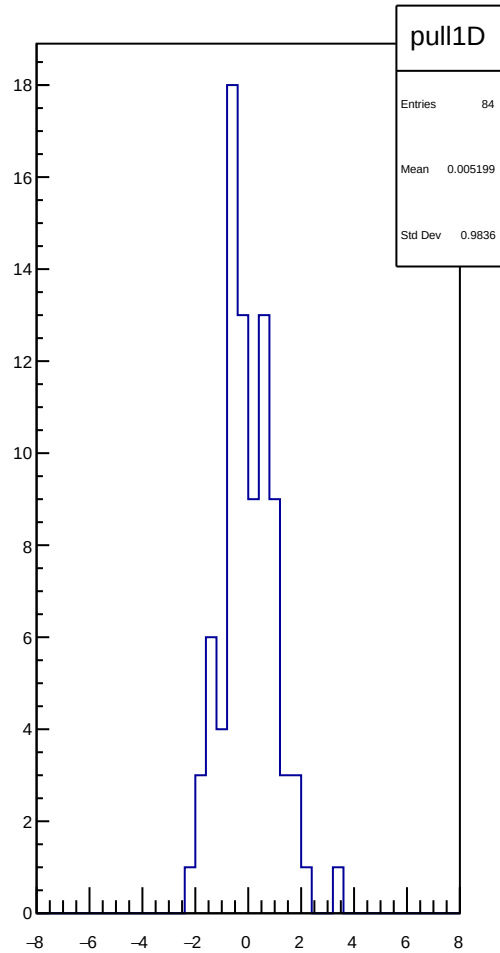
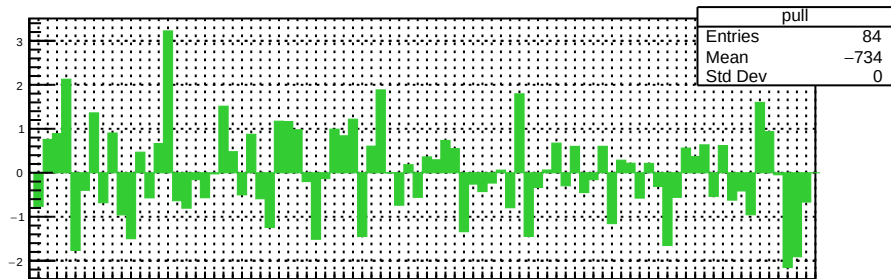
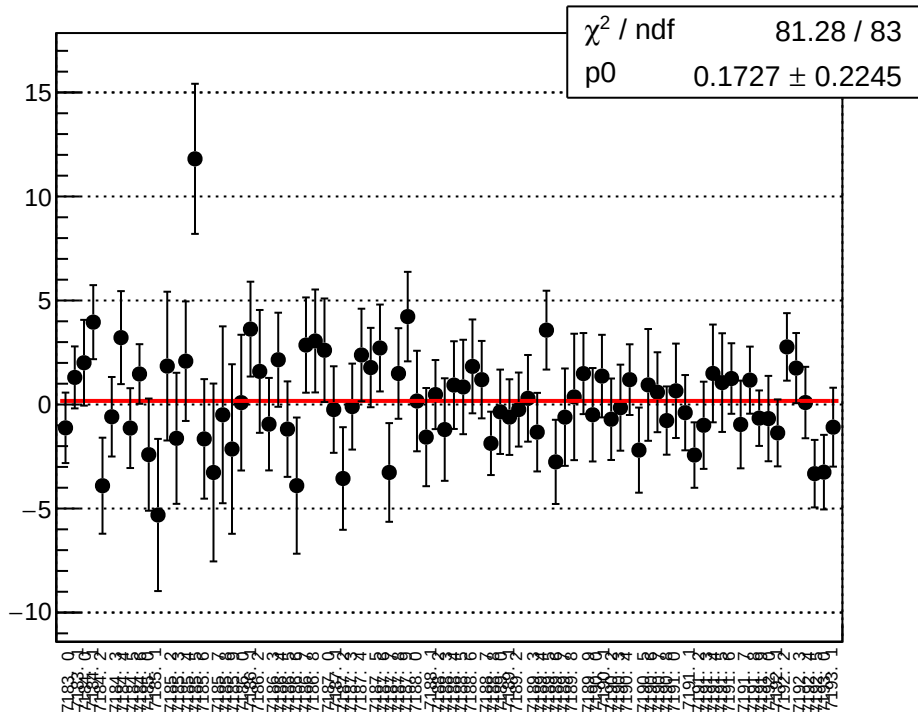
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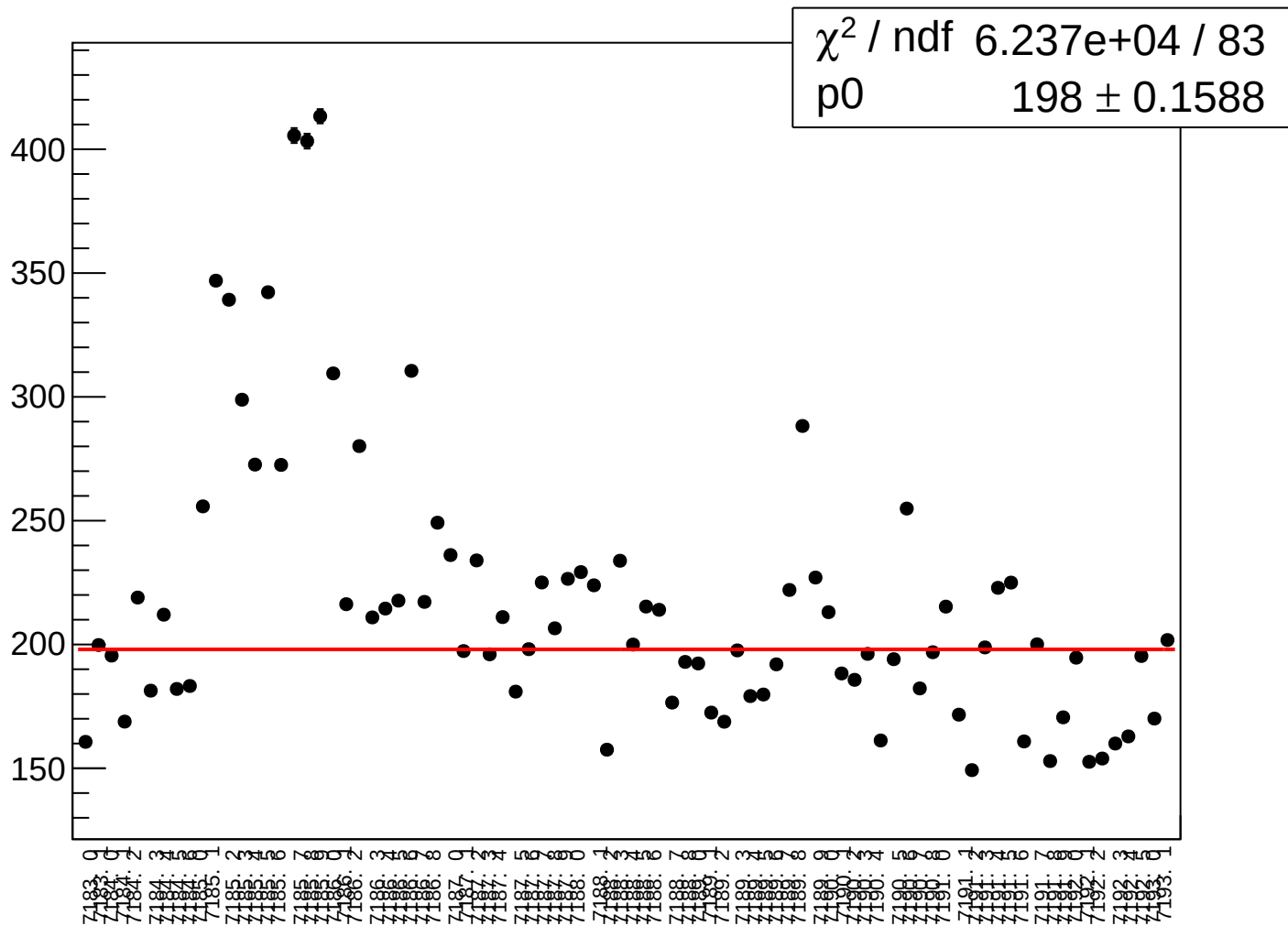
asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs run



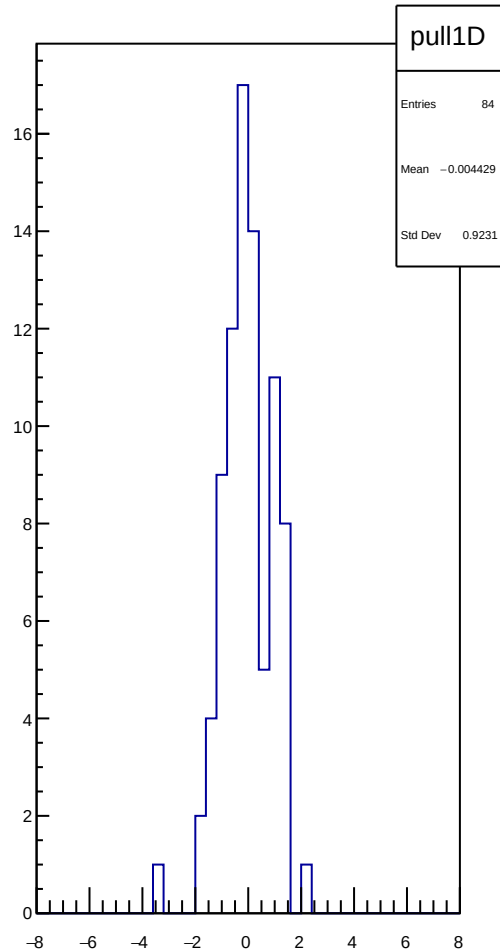
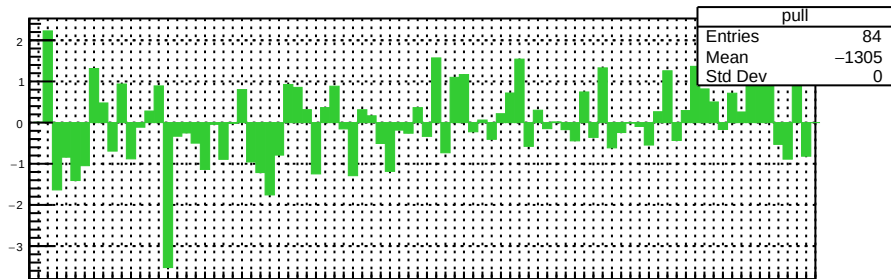
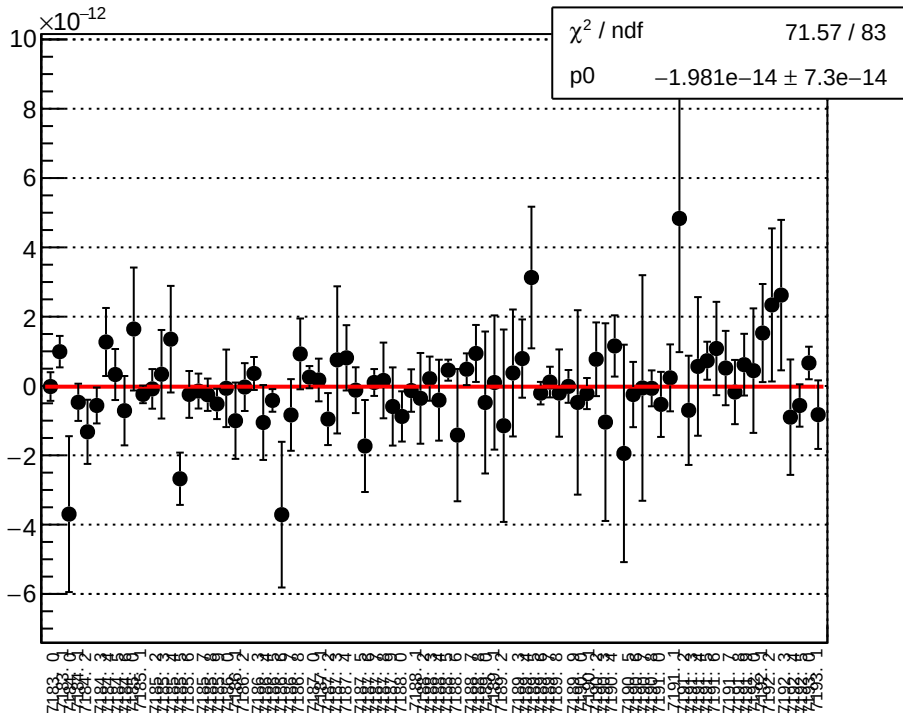
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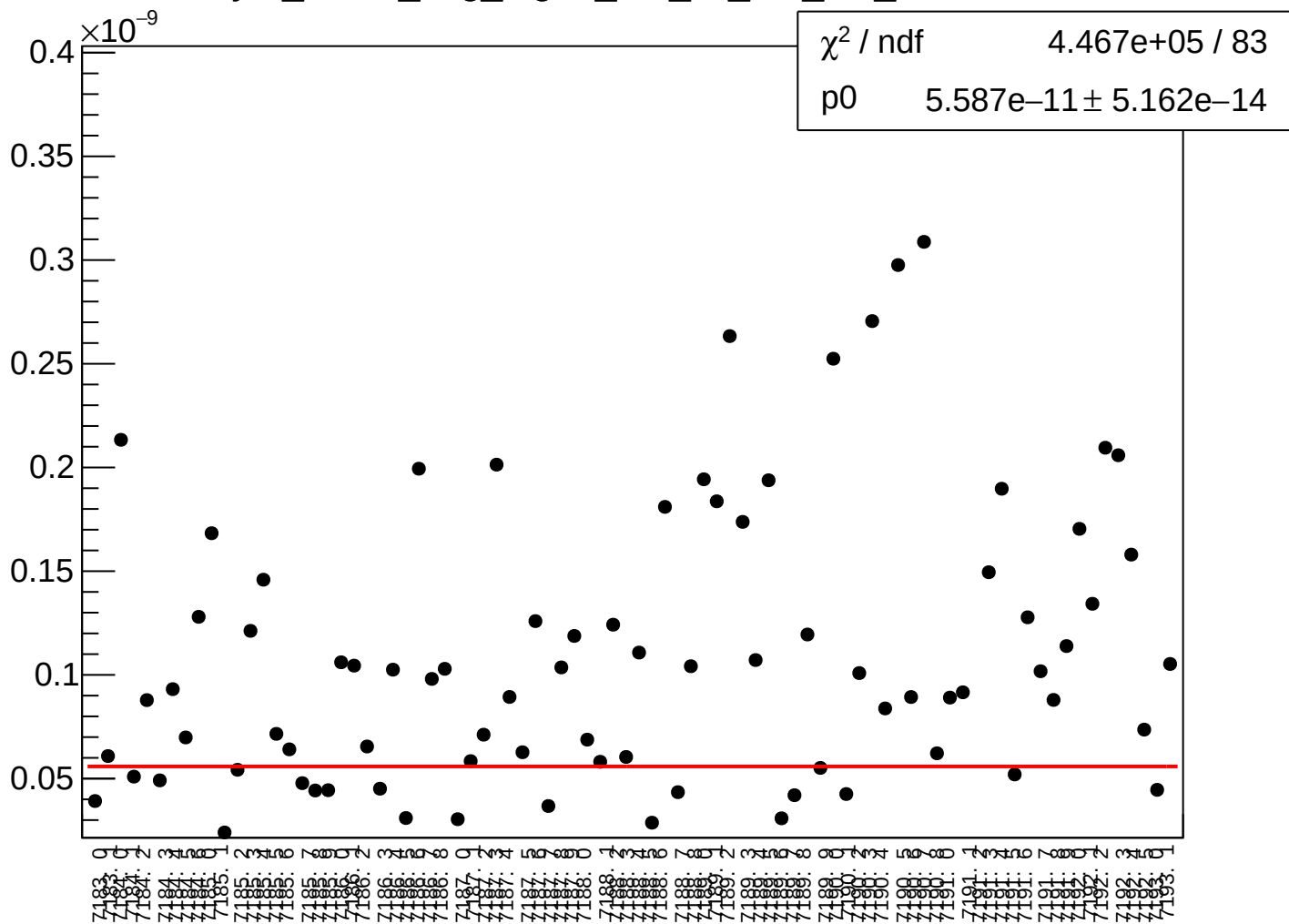
asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



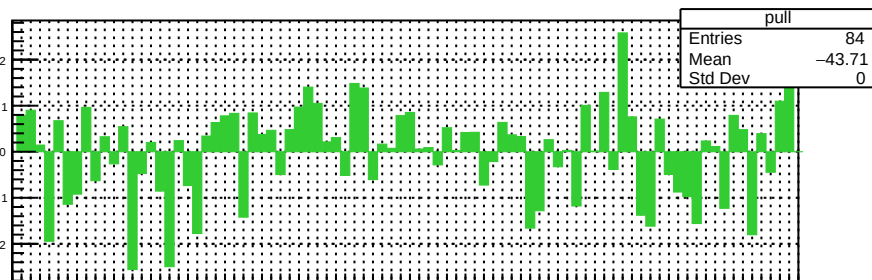
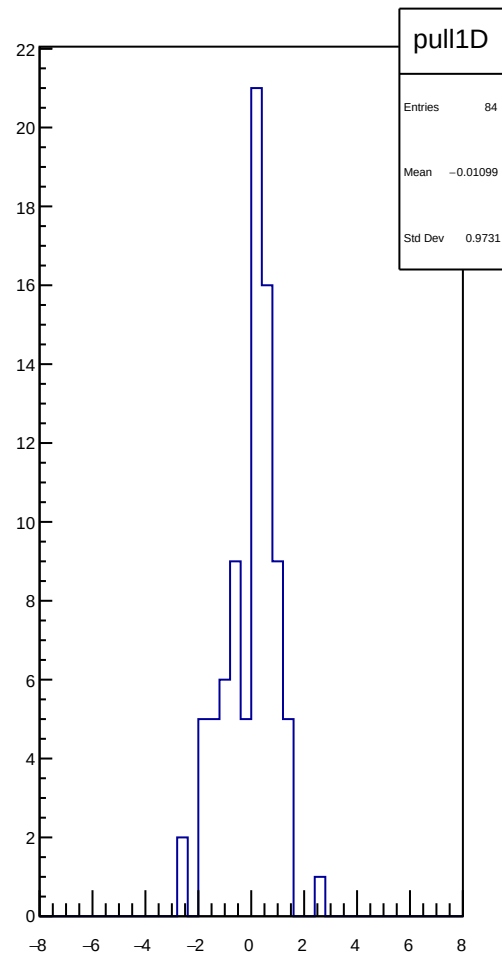
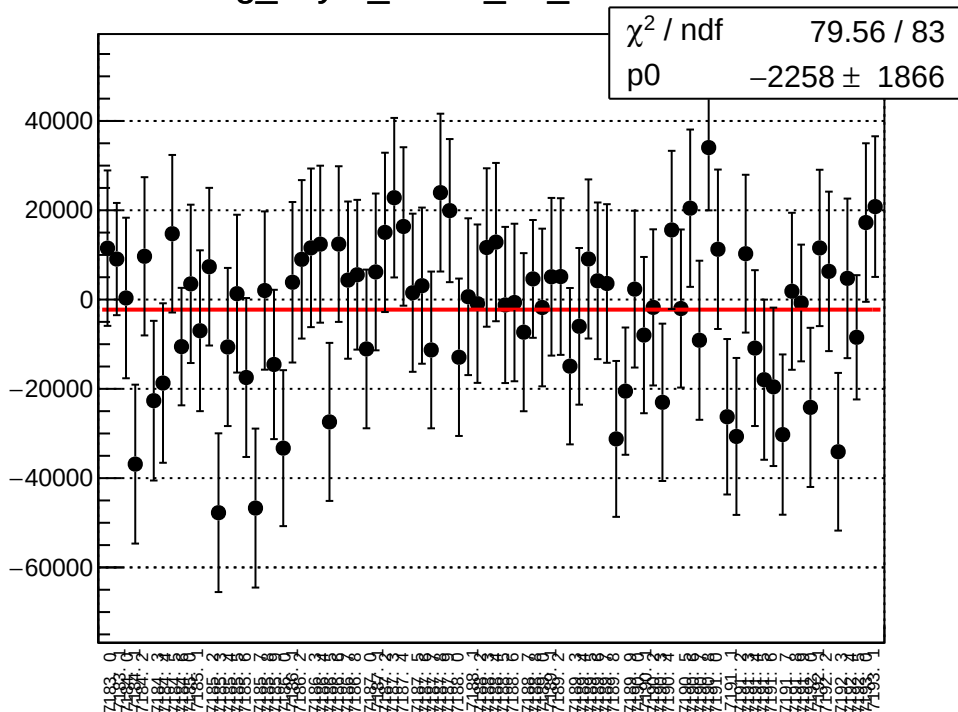
asym atl1r2 avg eigen cor vs cor diff mean vs run



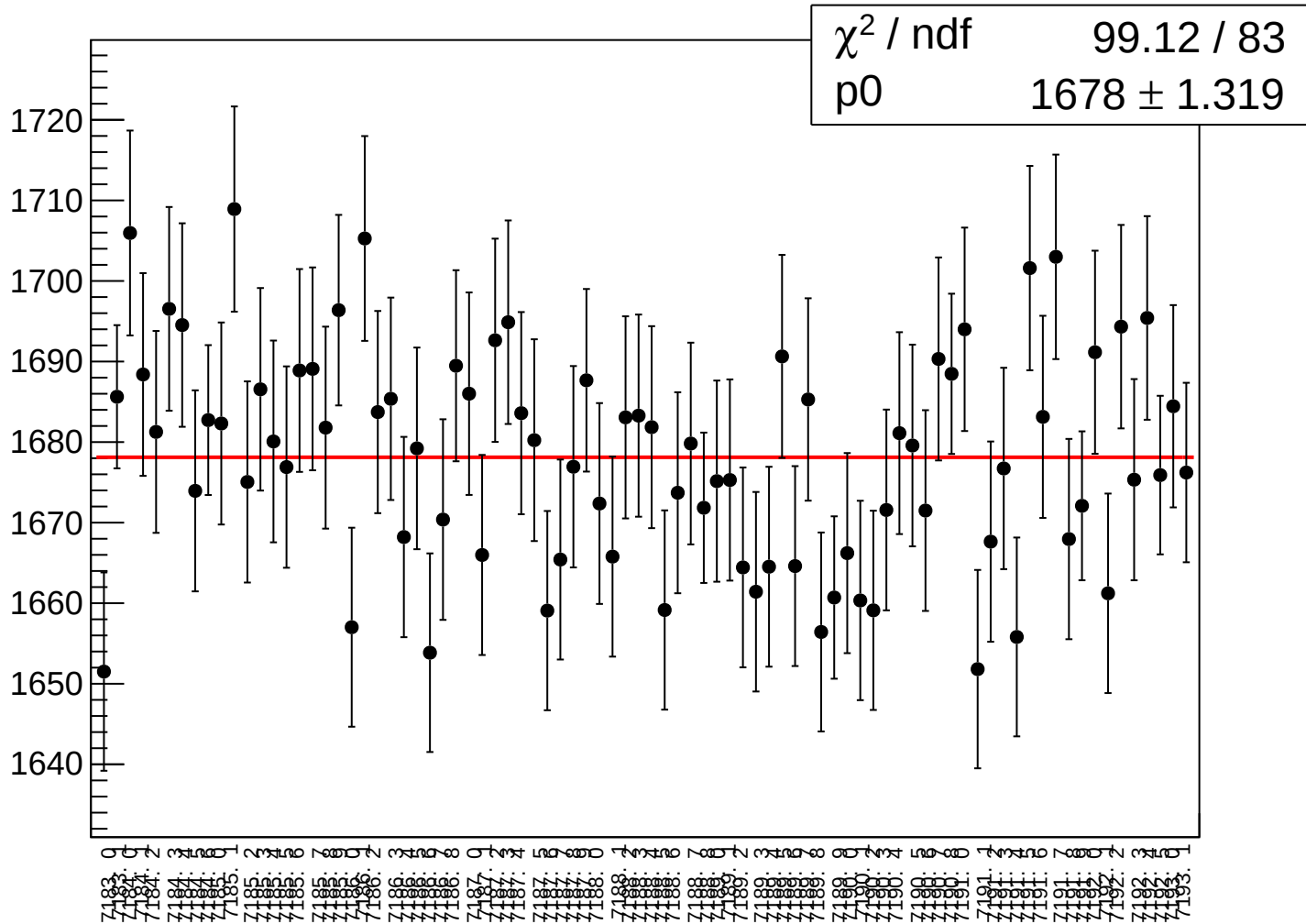
asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs run



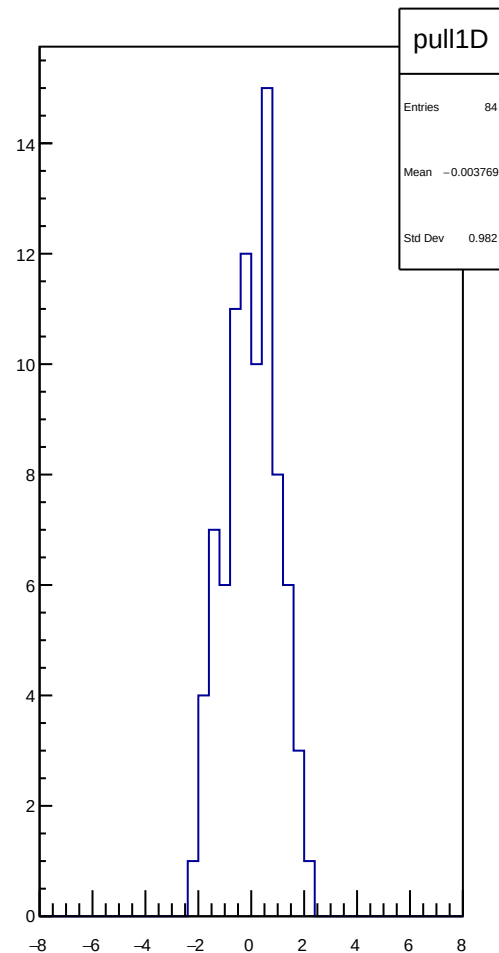
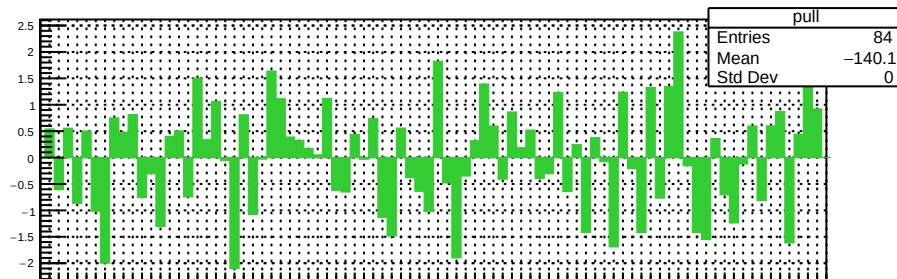
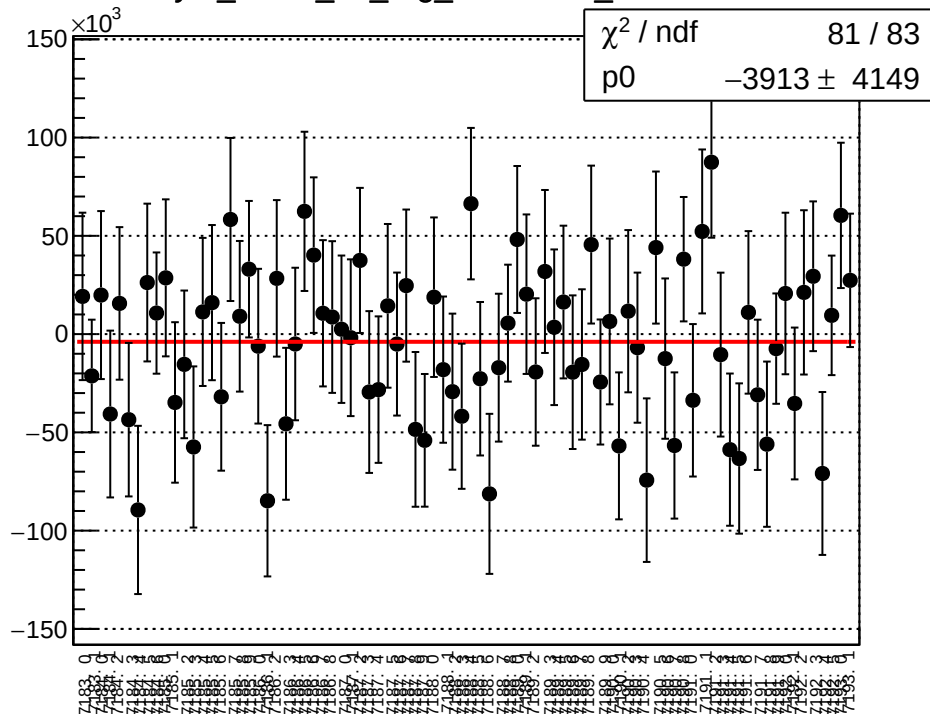
reg_asym_atl1r2_dd_mean vs run



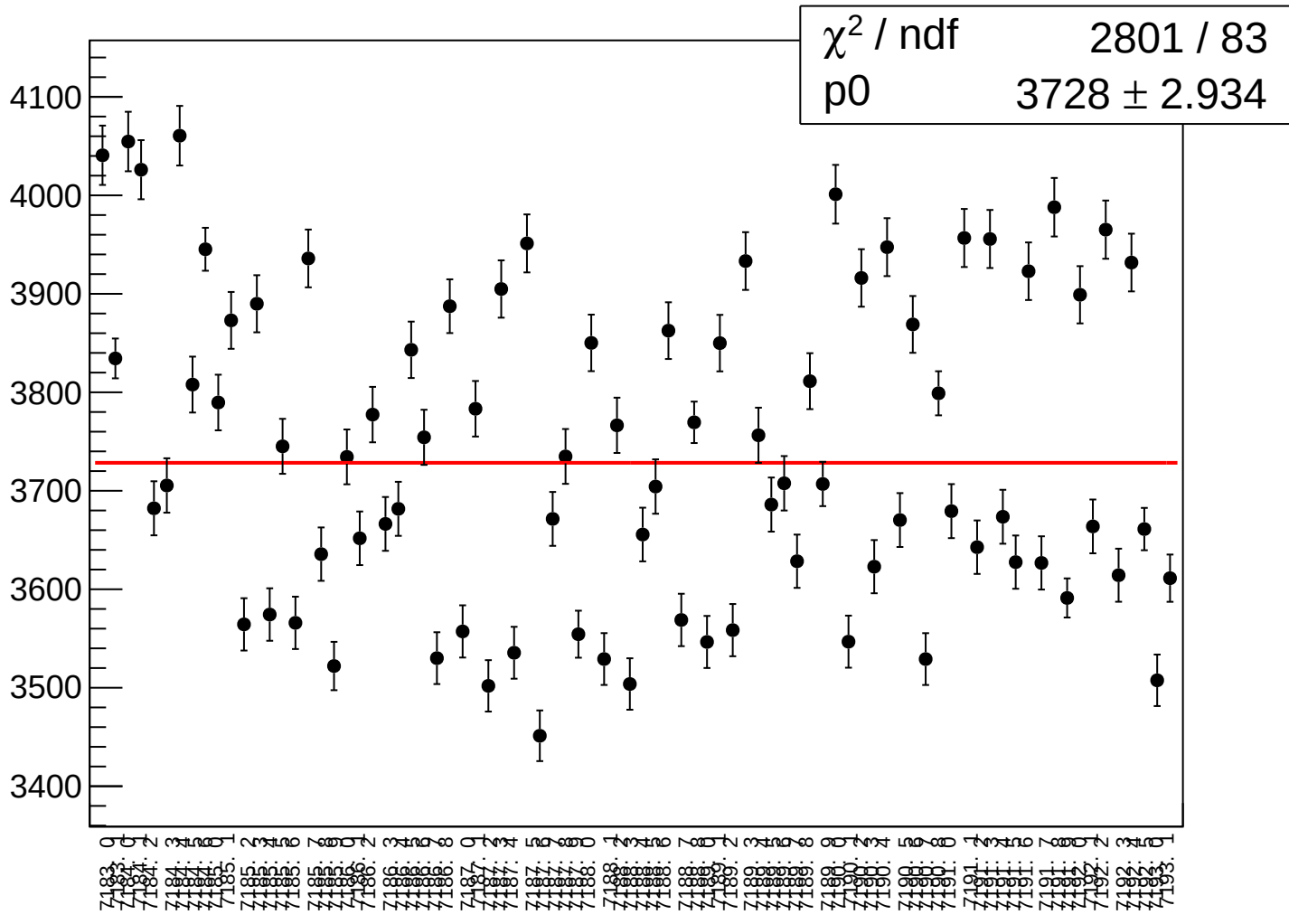
reg_asym_atl1r2_dd_rms vs run



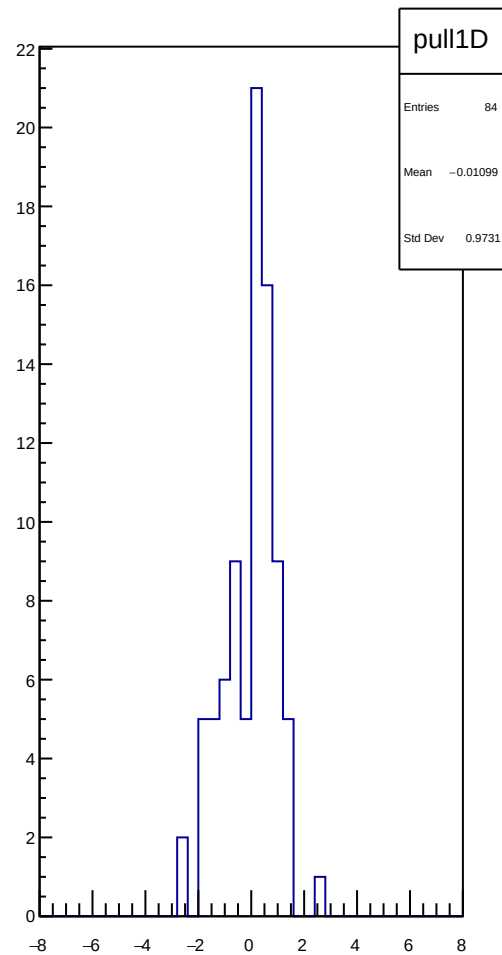
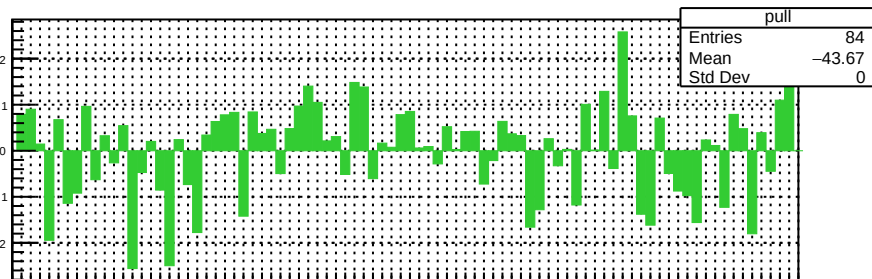
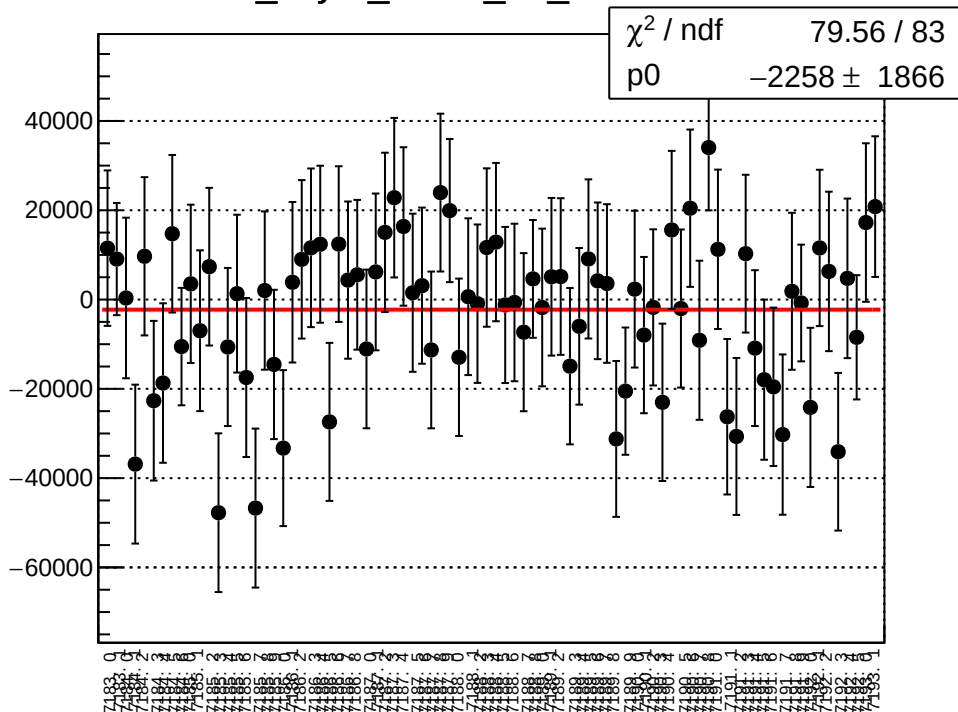
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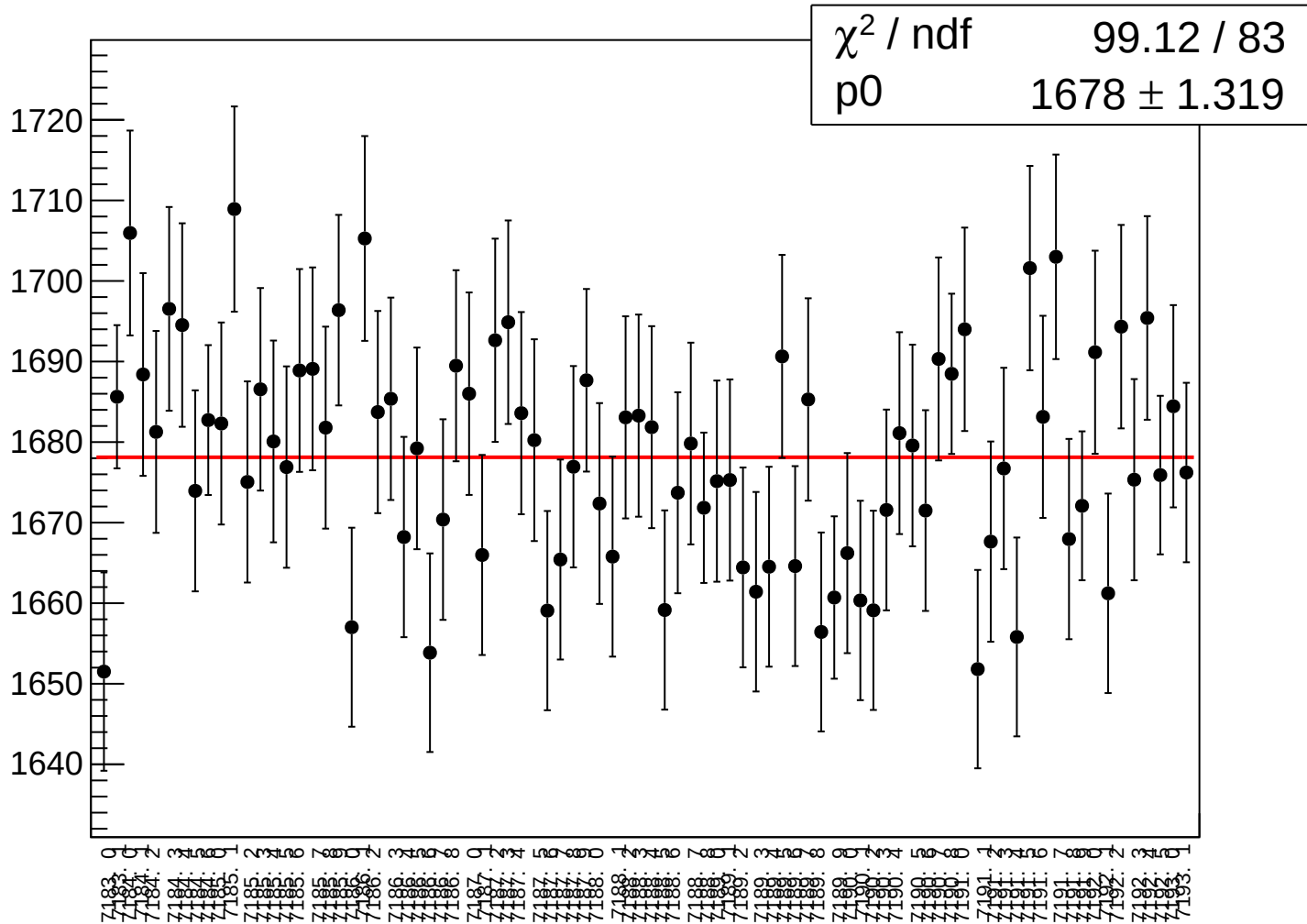
asym_atl1r2_dd_reg_correction_rms vs run



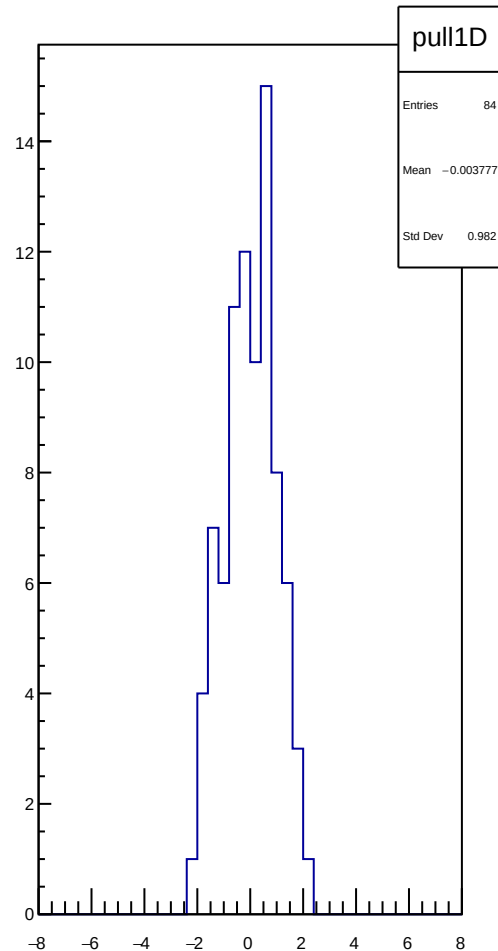
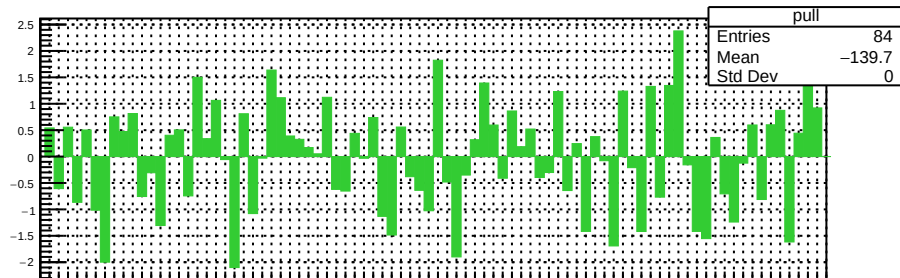
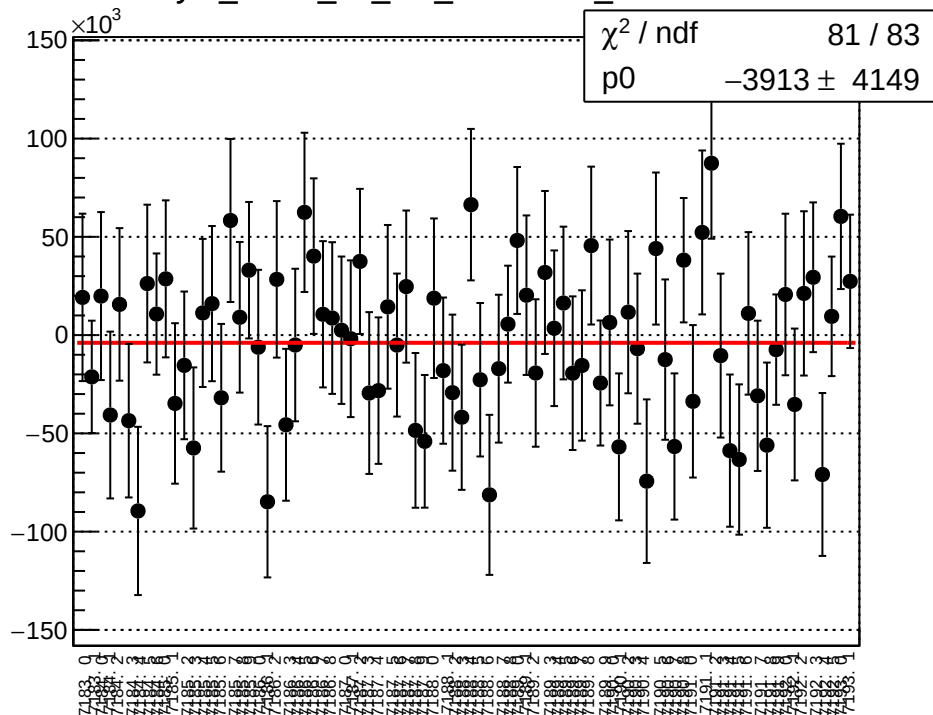
cor_asym_atl1r2_dd_mean vs run



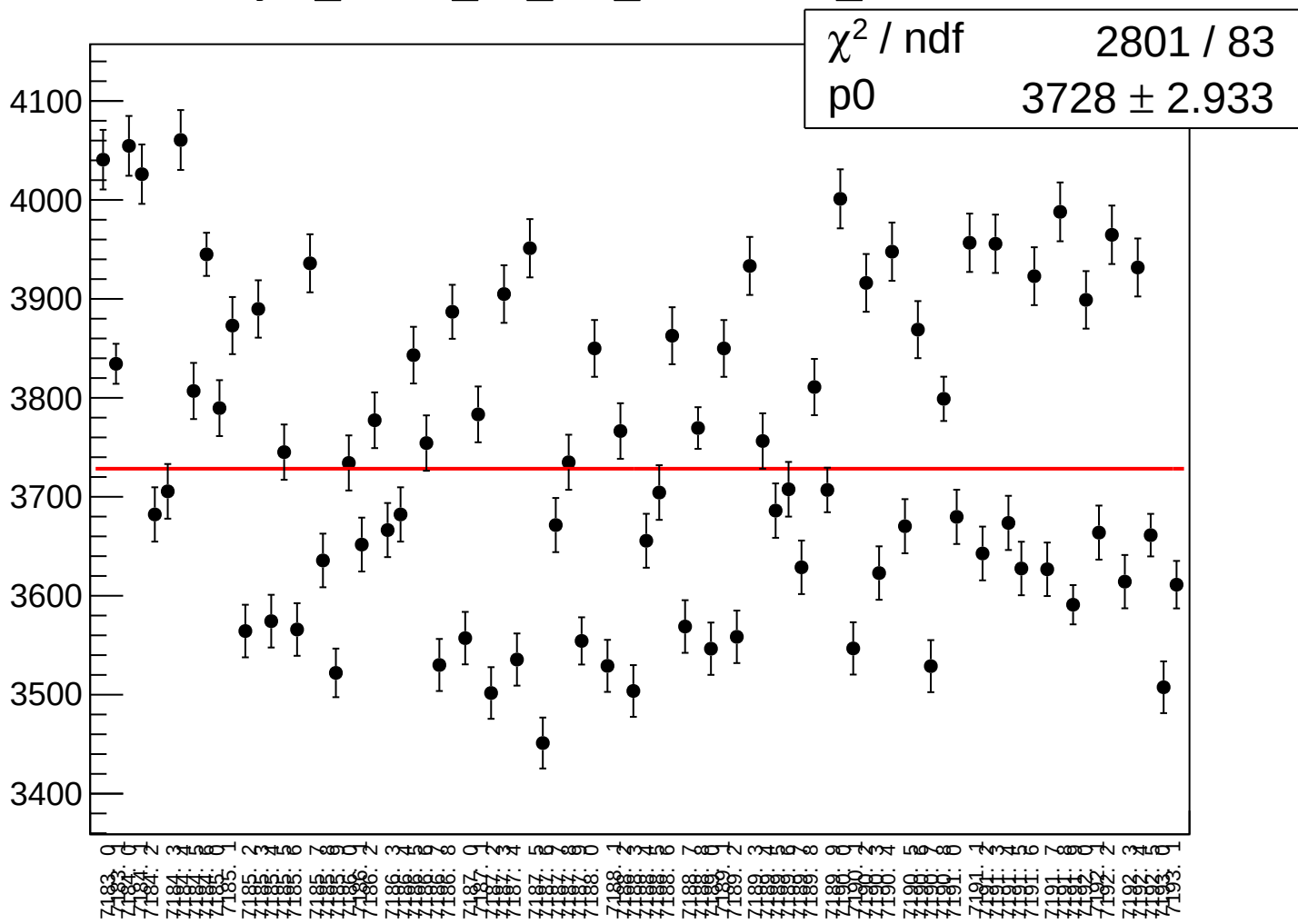
cor_asym_atl1r2_dd_rms vs run



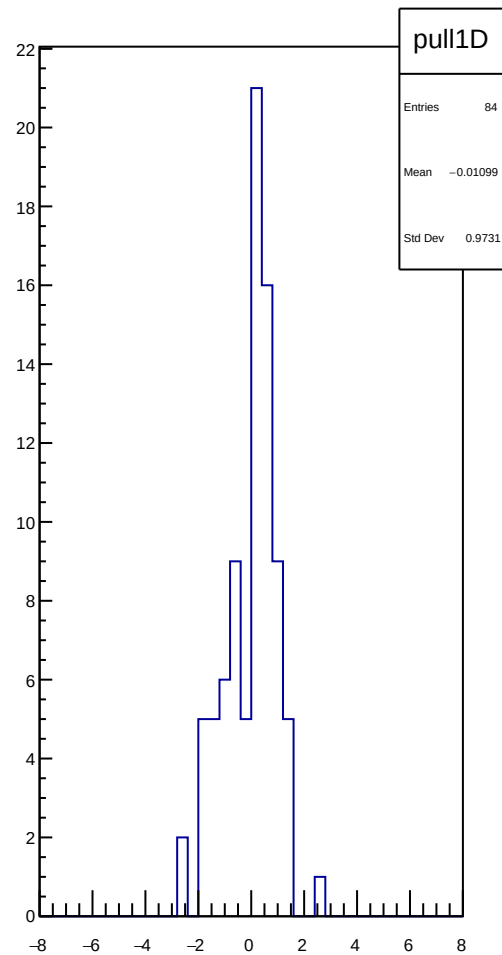
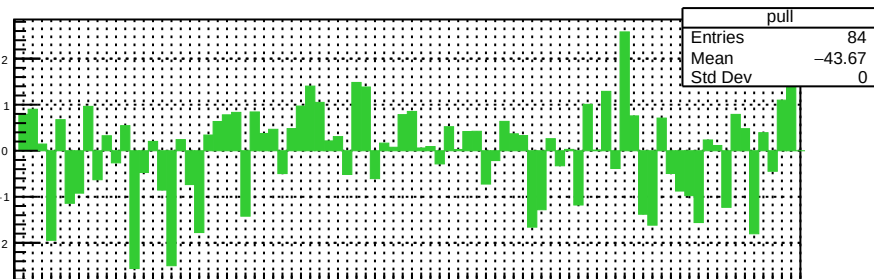
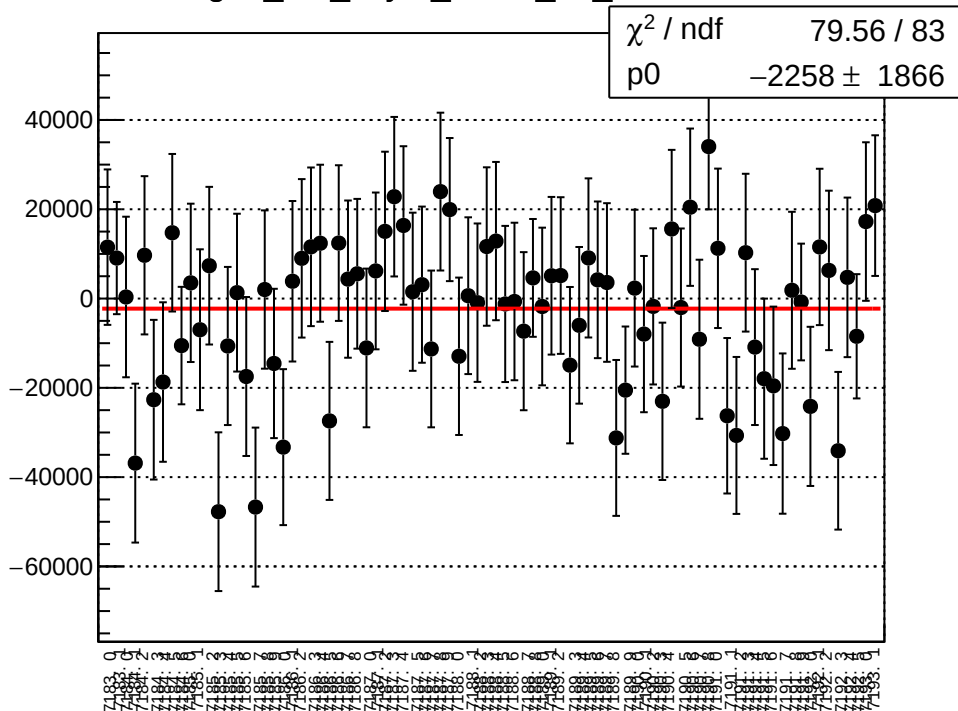
asym_atl1r2_dd_cor_correction_mean vs run



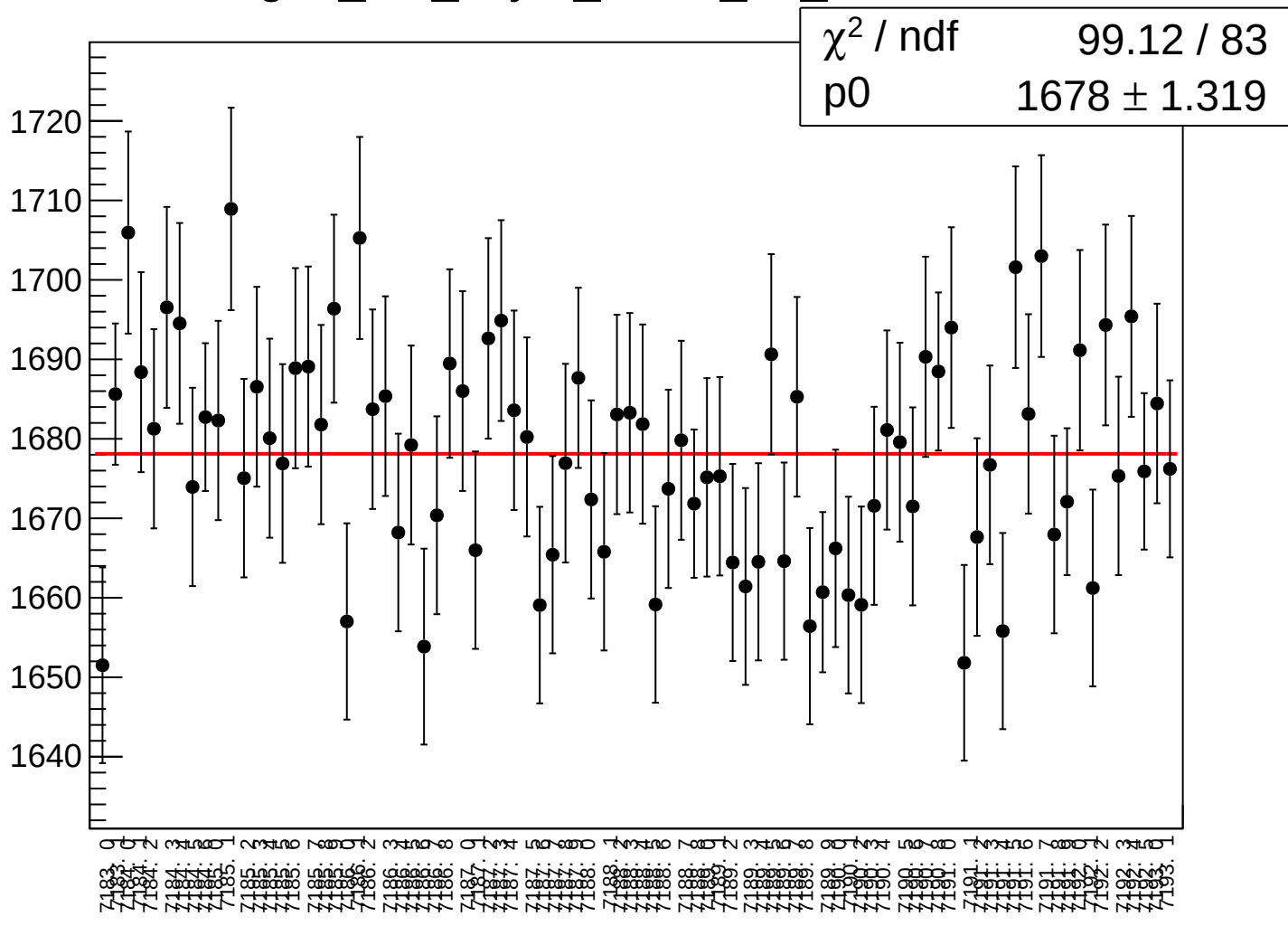
asym_atl1r2_dd_cor_correction_rms vs run



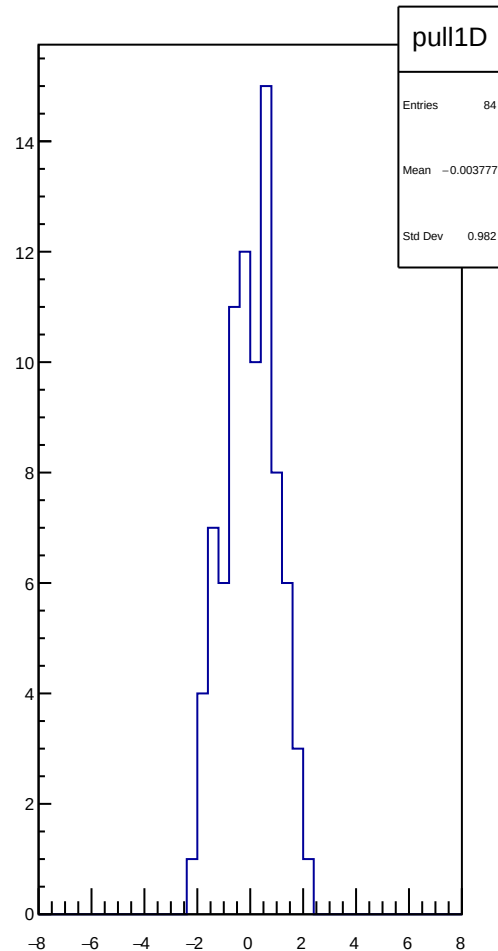
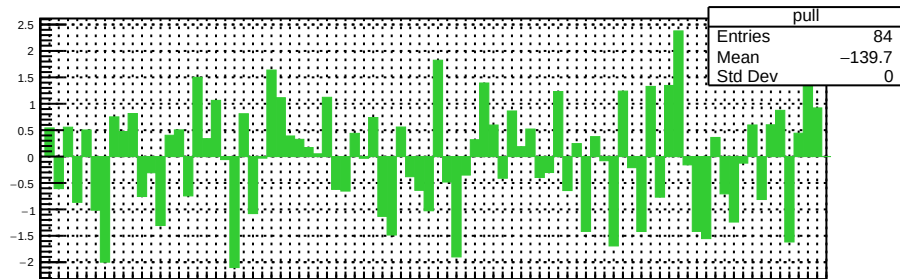
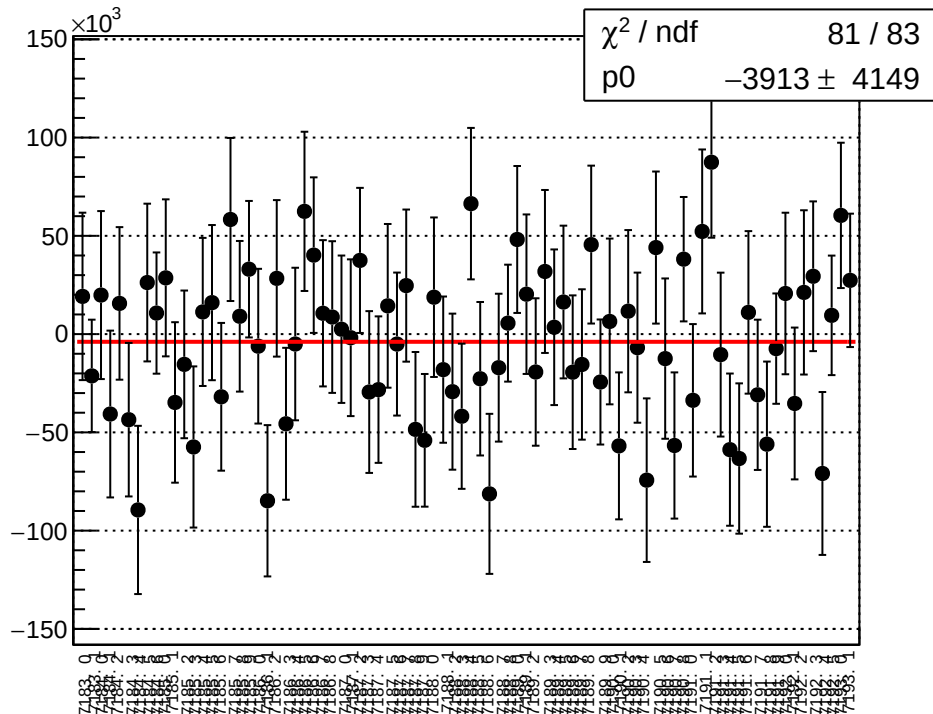
eigen_cor_asym_atl1r2_dd_mean vs run



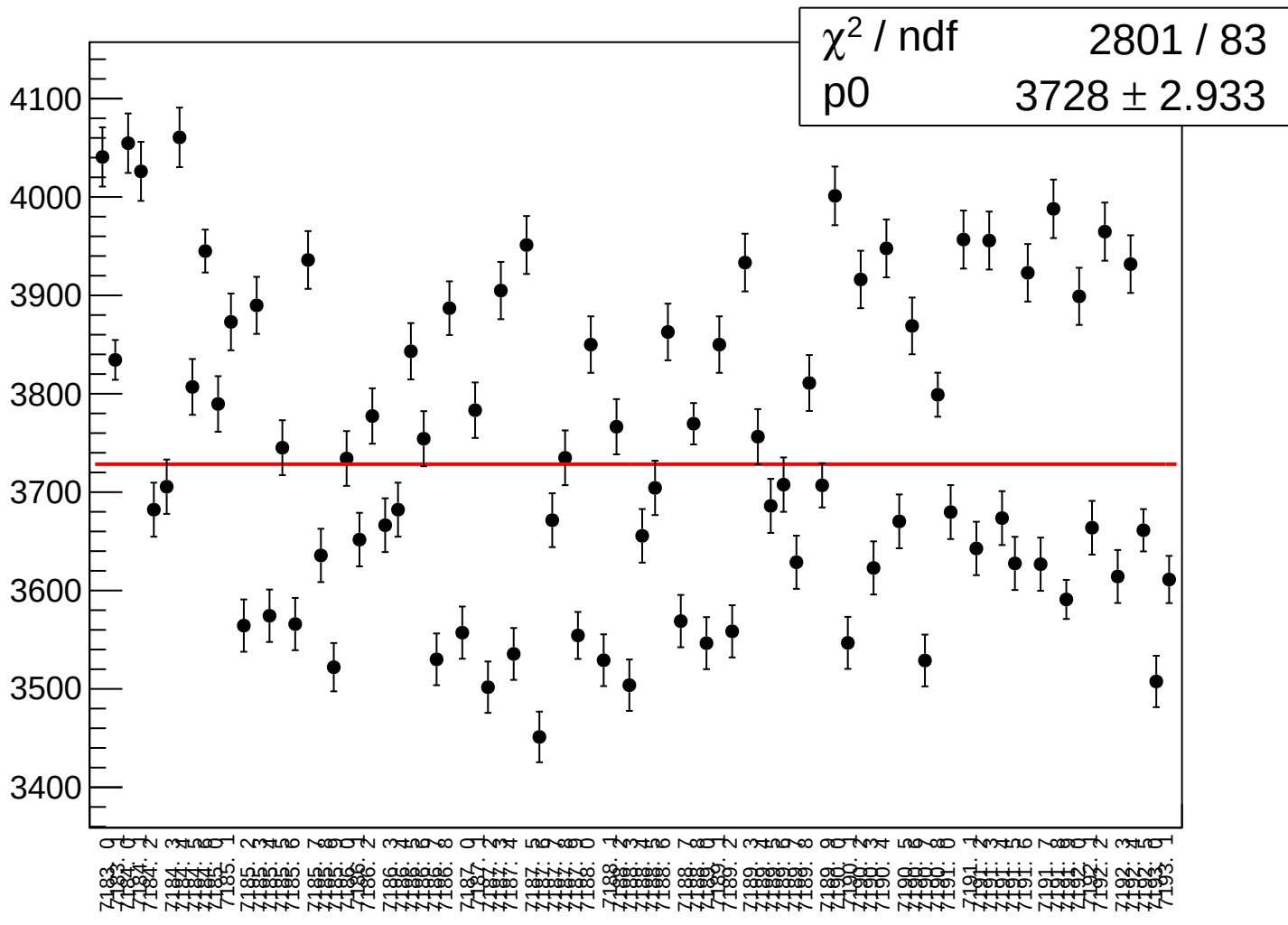
eigen_cor_asym_atl1r2_dd_rms vs run



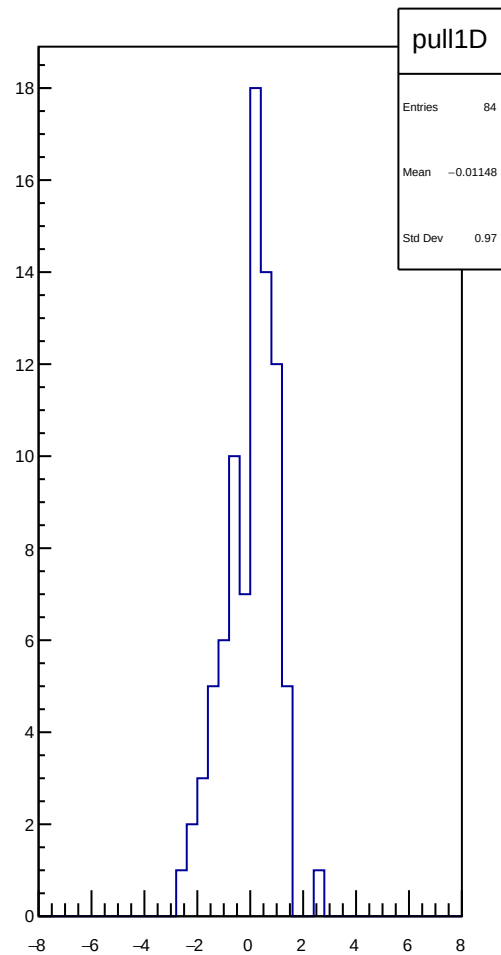
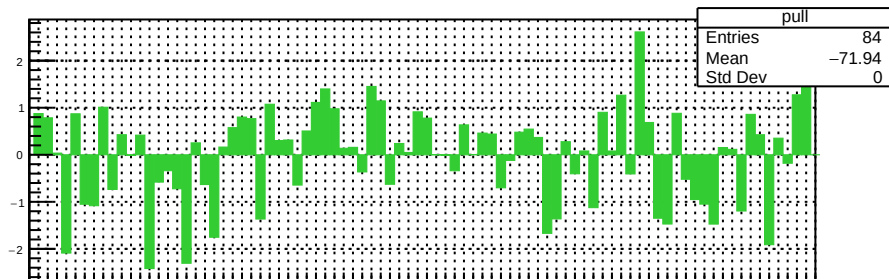
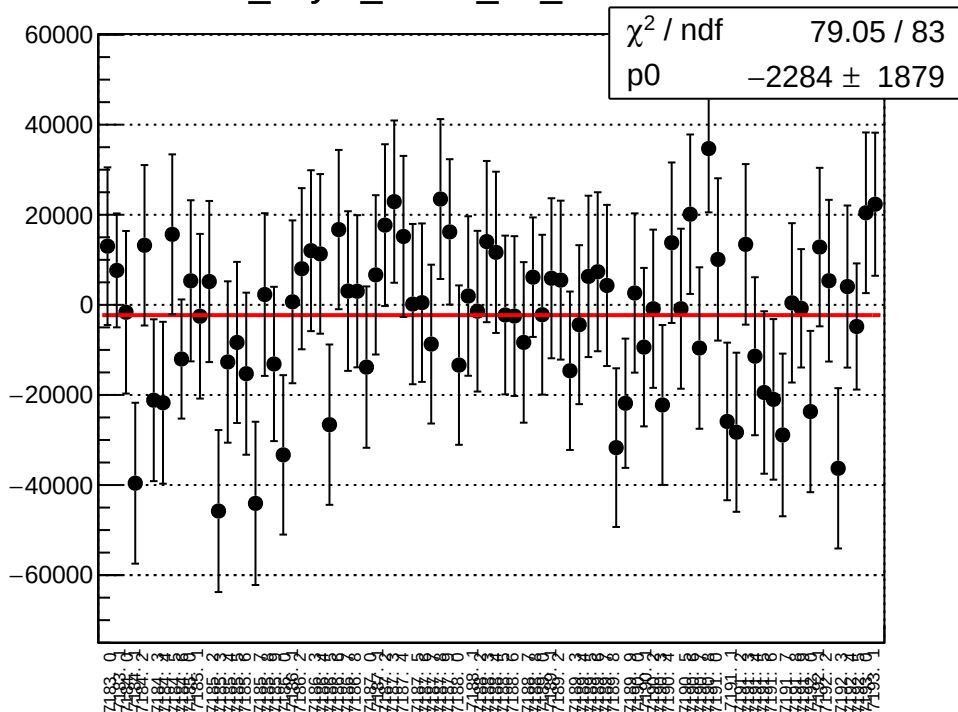
asym_atl1r2_dd_eigen_cor_correction_mean vs run



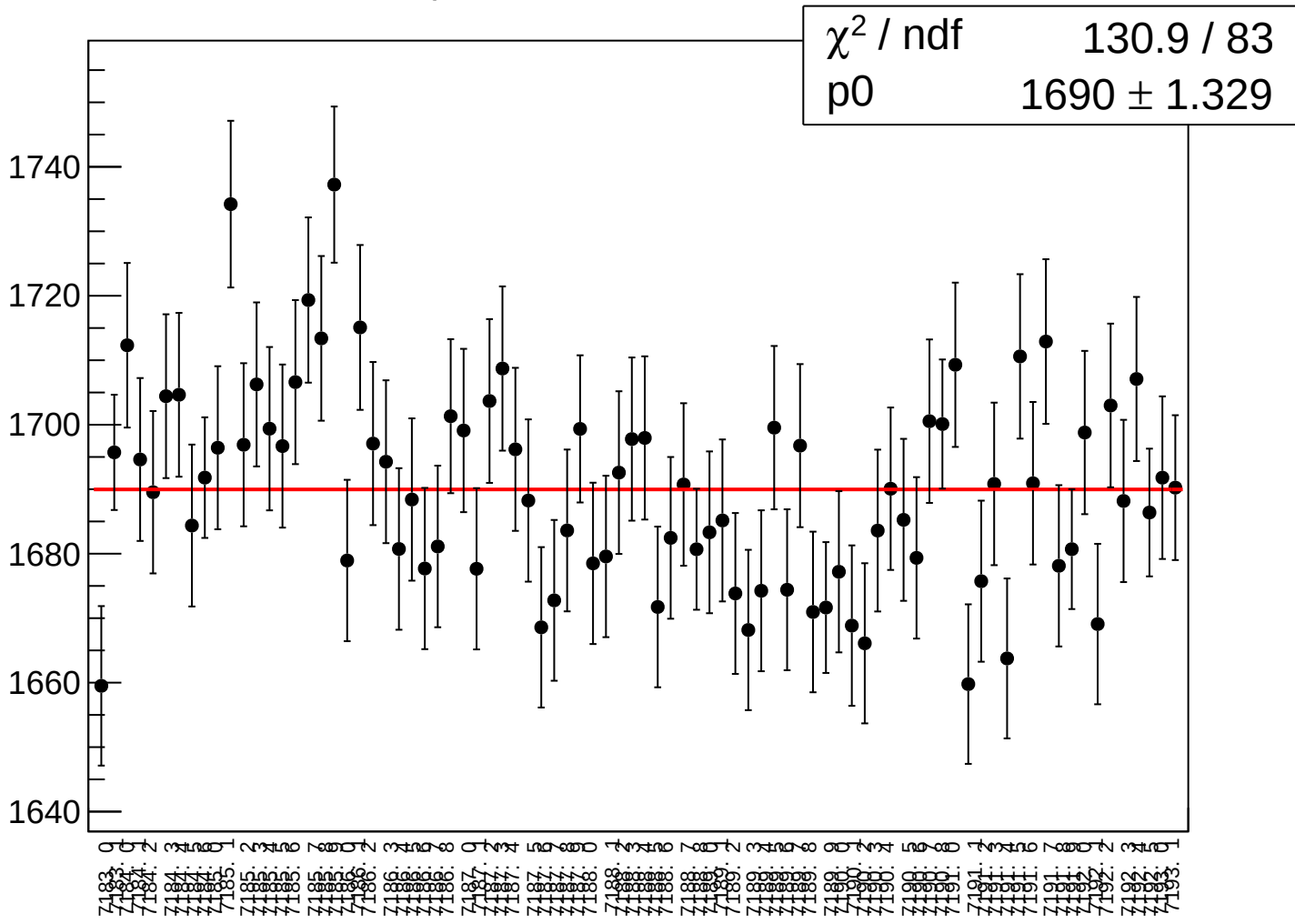
asym_atl1r2_dd_eigen_cor_correction_rms vs run



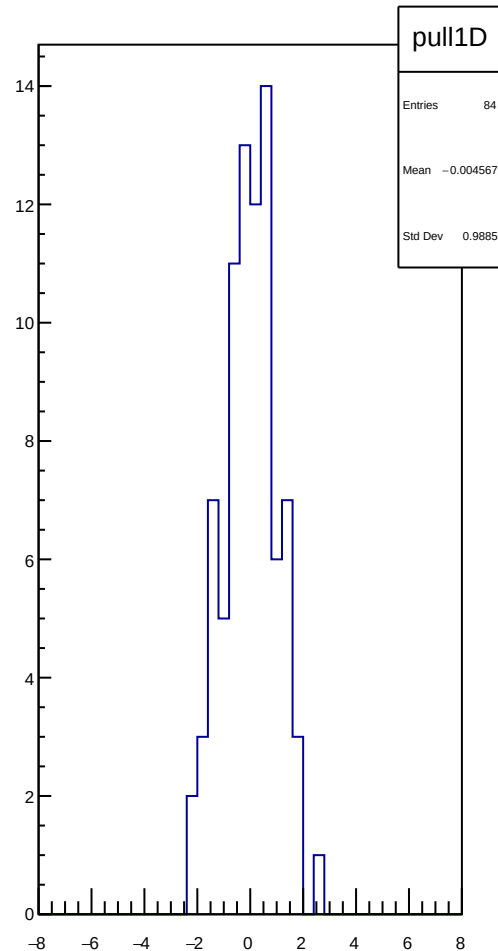
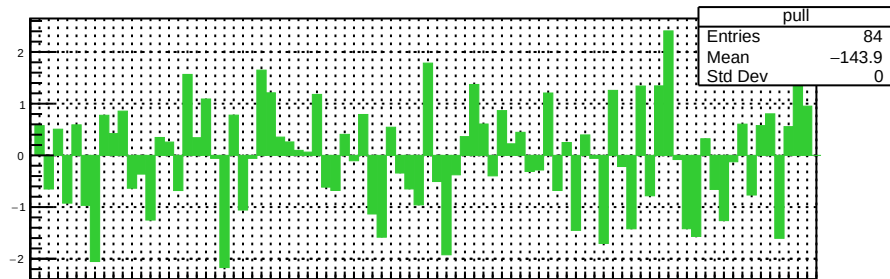
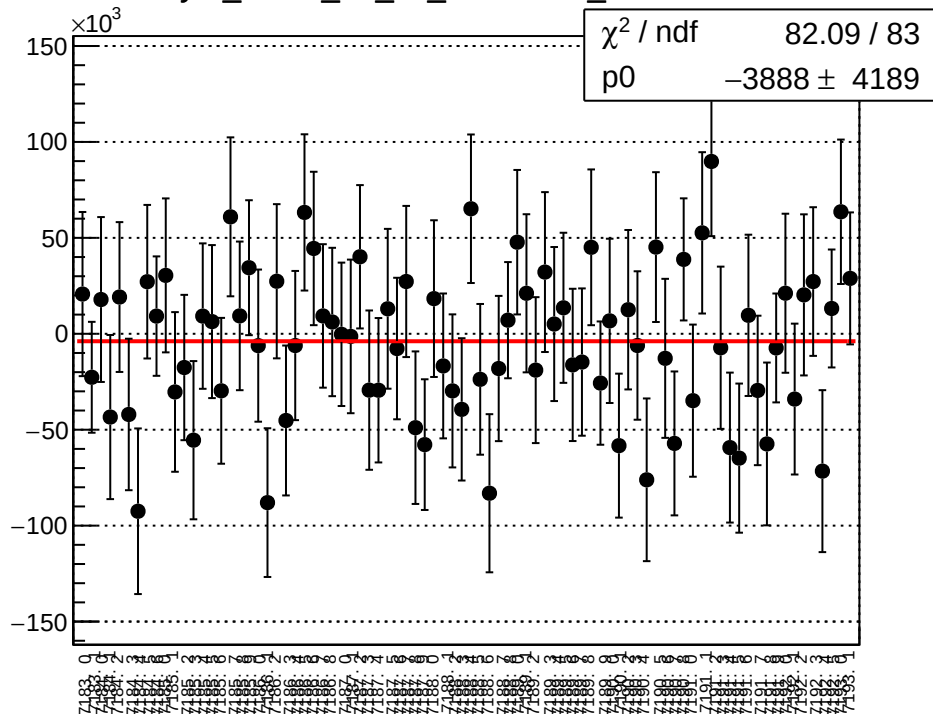
dit_asym_atl1r2_dd_mean vs run



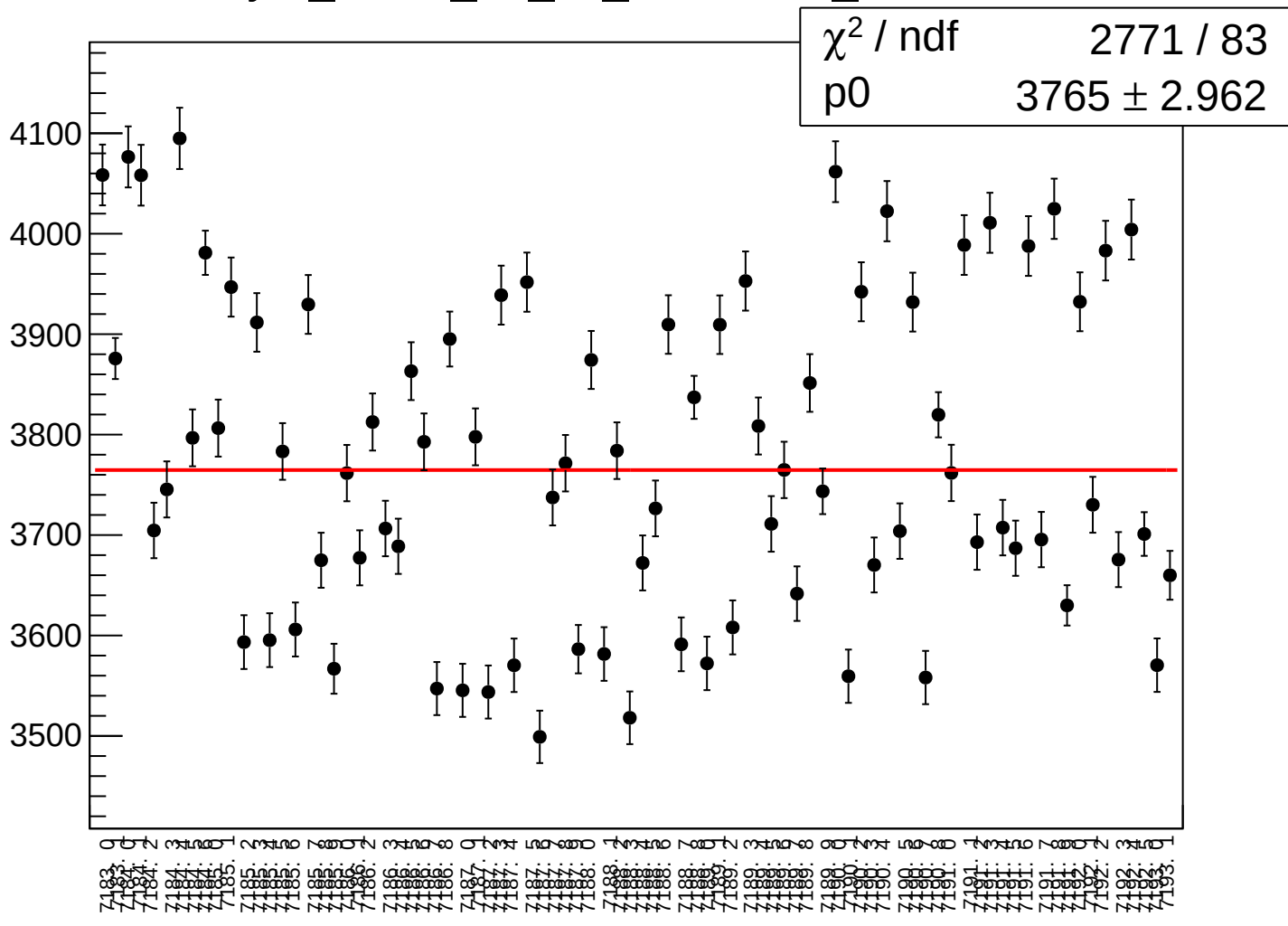
dit_asym_atl1r2_dd_rms vs run



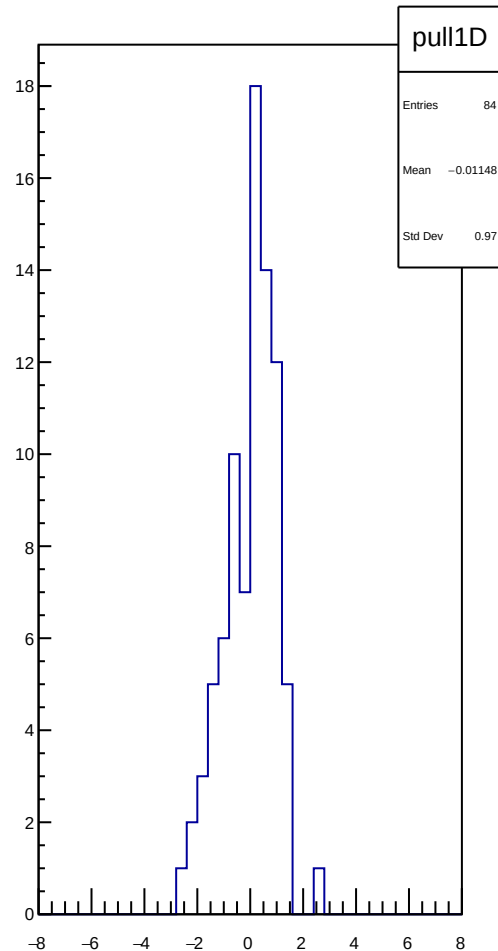
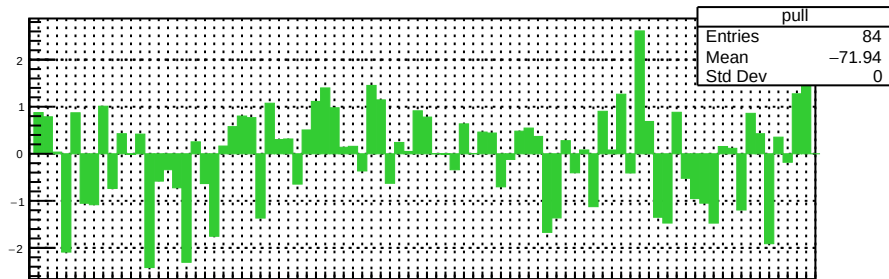
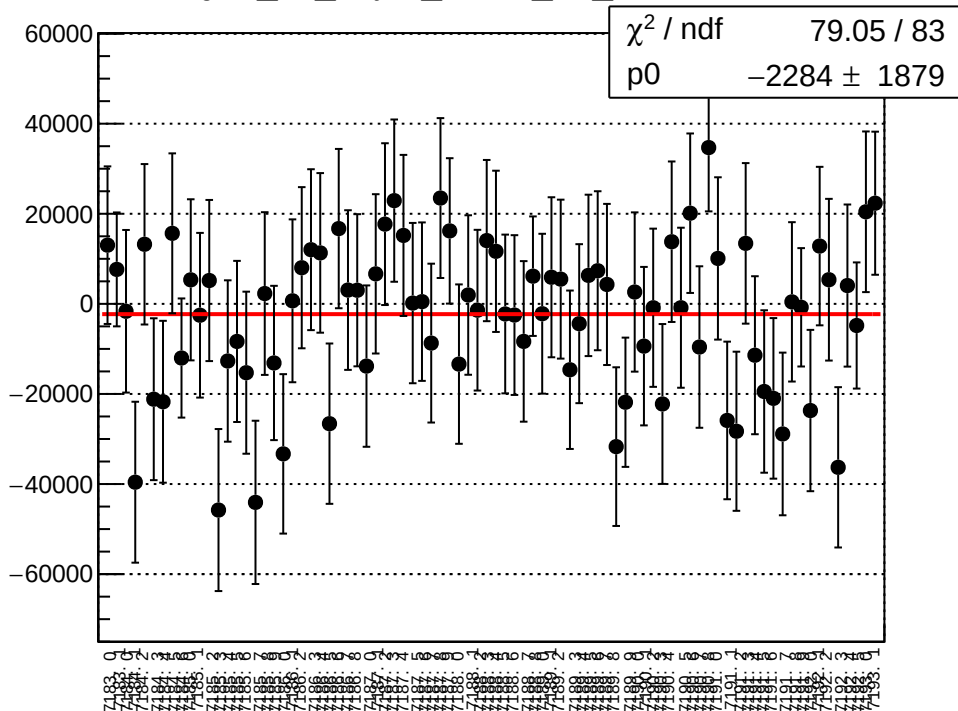
asym_atl1r2_dd_dit_correction_mean vs run



asym_atl1r2_dd_dit_correction_rms vs run



eigen_dit_asym_atl1r2_dd_mean vs run



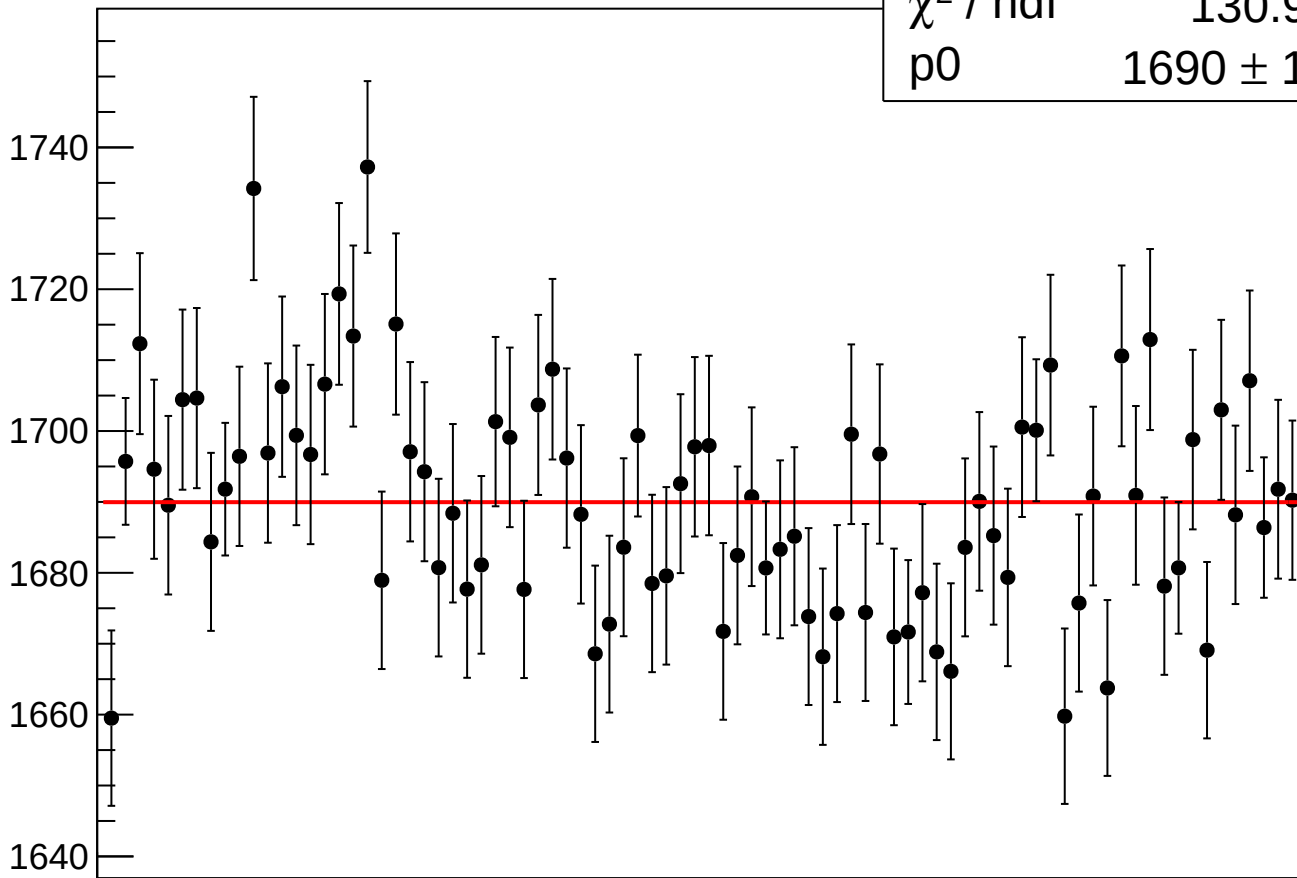
eigen_dit_asym_atl1r2_dd_rms vs run

χ^2 / ndf

130.9 / 83

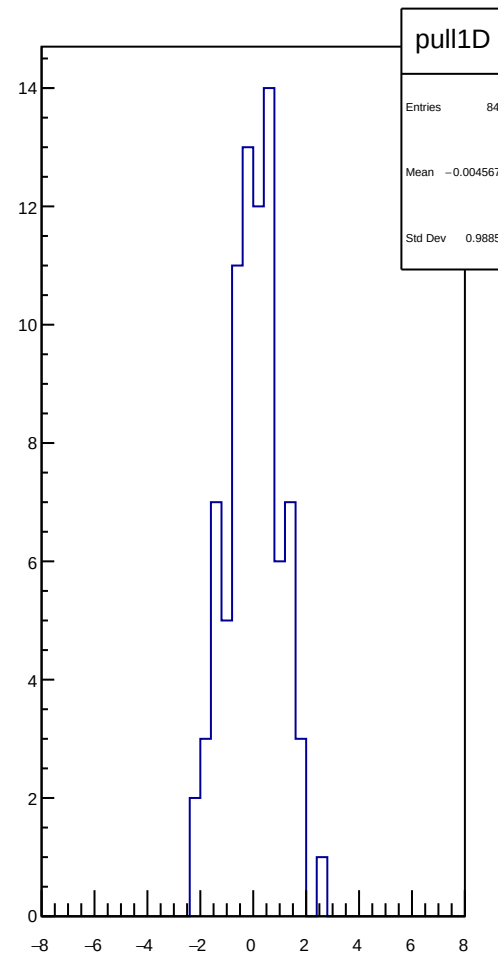
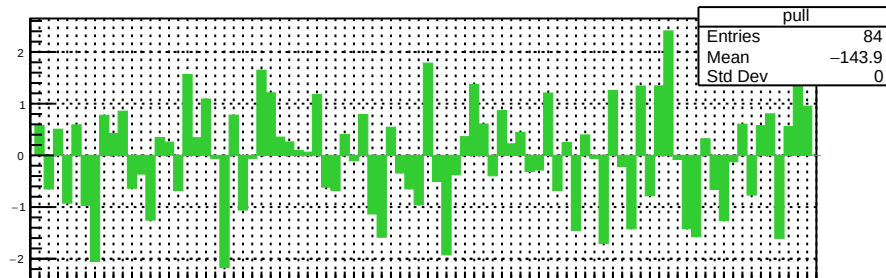
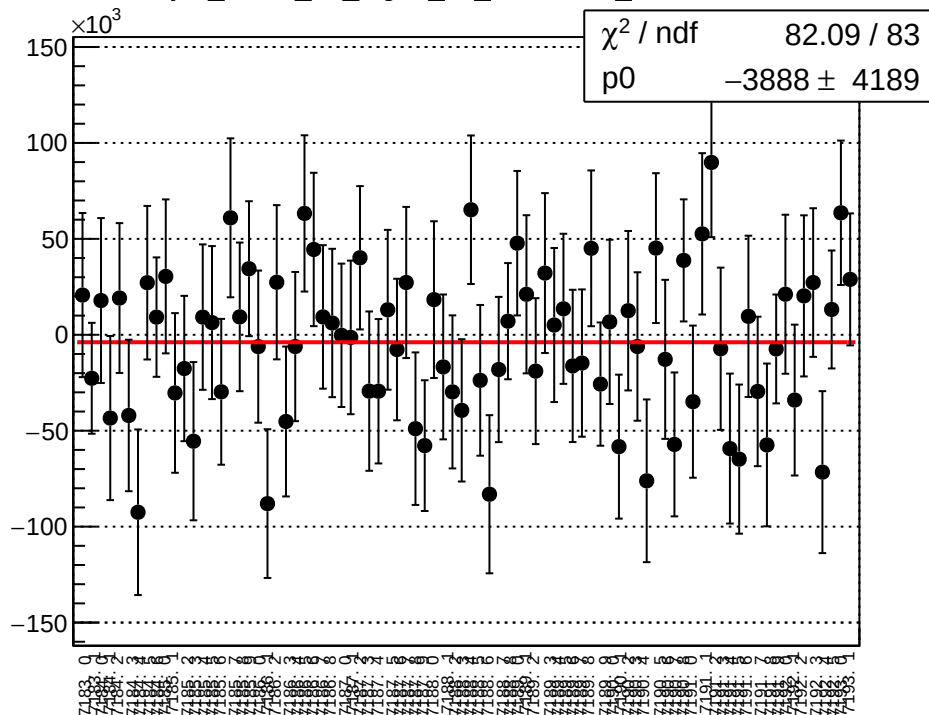
p0

1690 ± 1.329

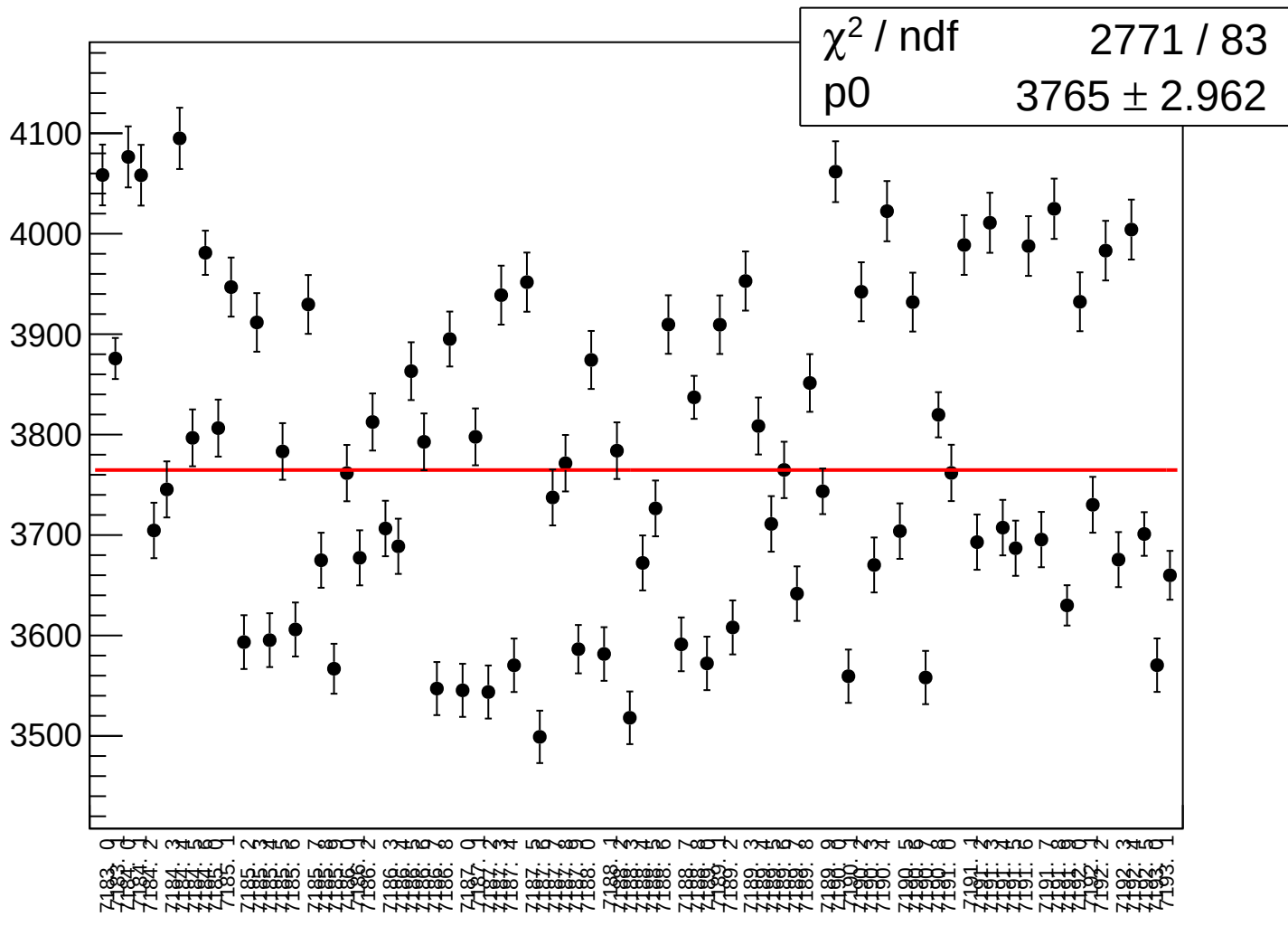


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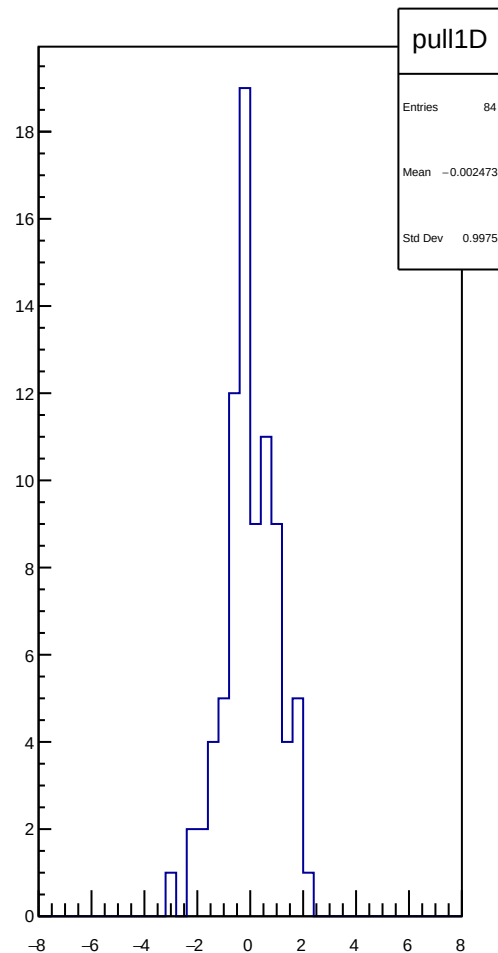
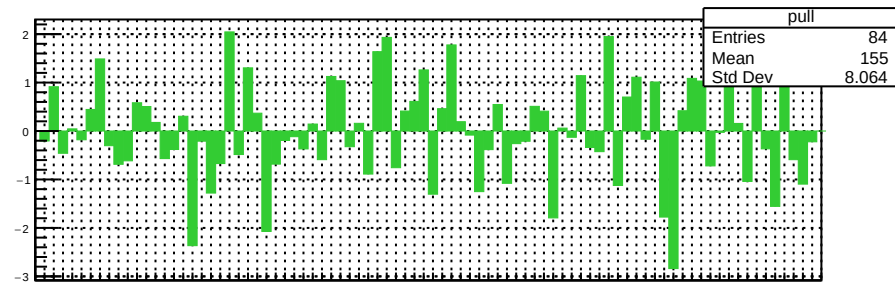
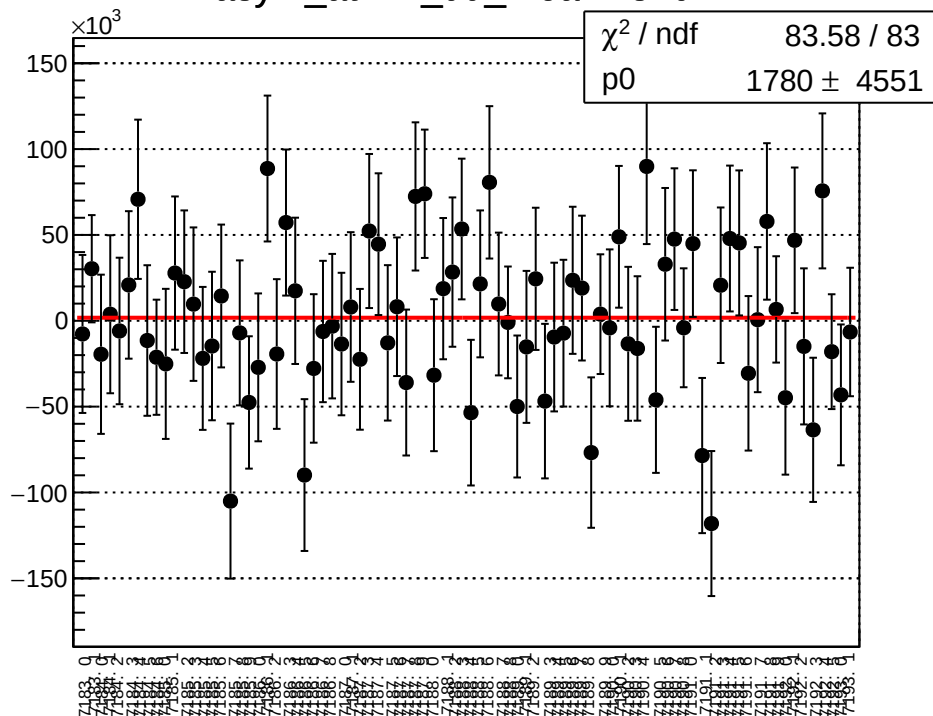
asym_atl1r2_dd_eigen_dit_correction_mean vs run



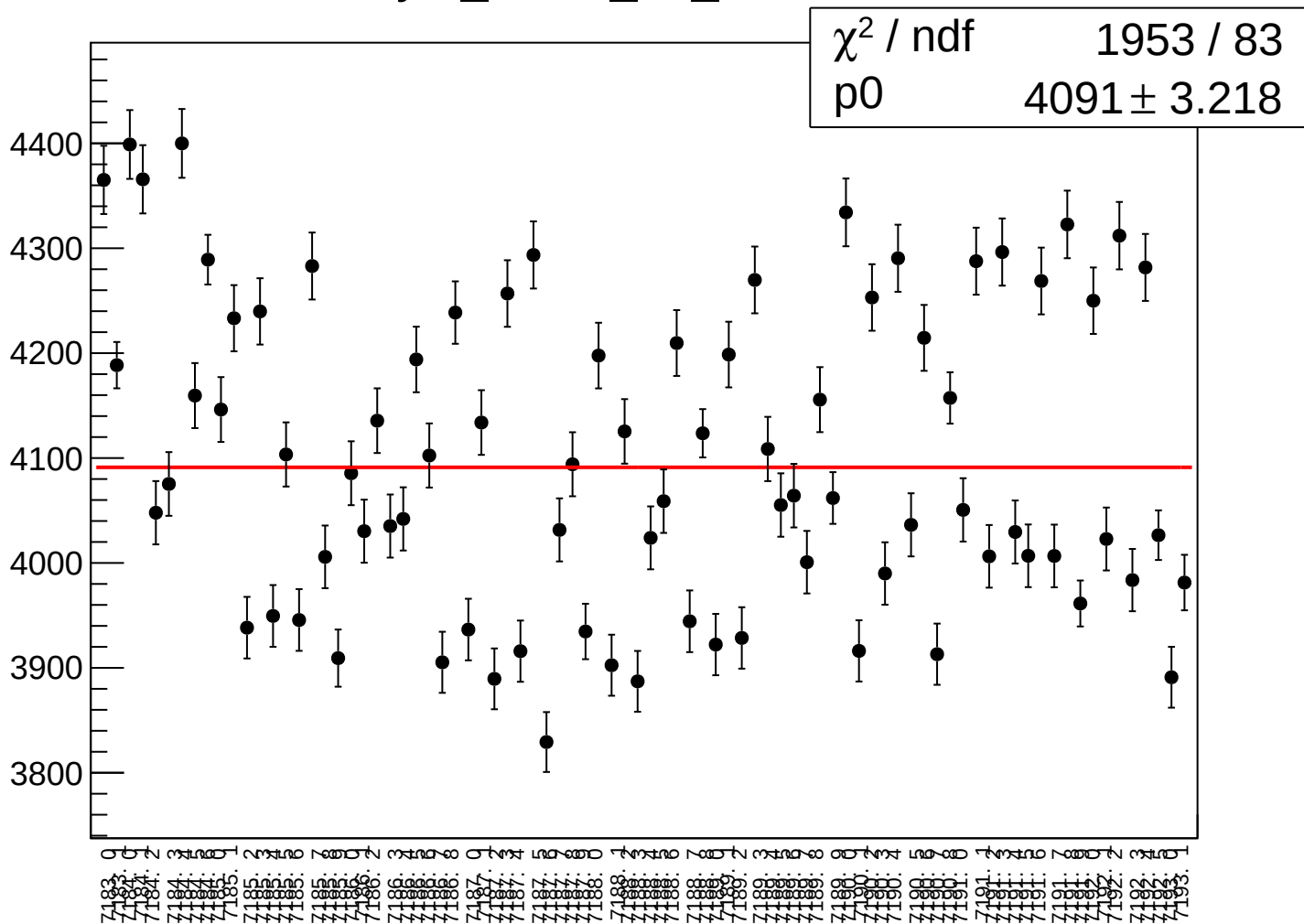
asym_atl1r2_dd_eigen_dit_correction_rms vs run



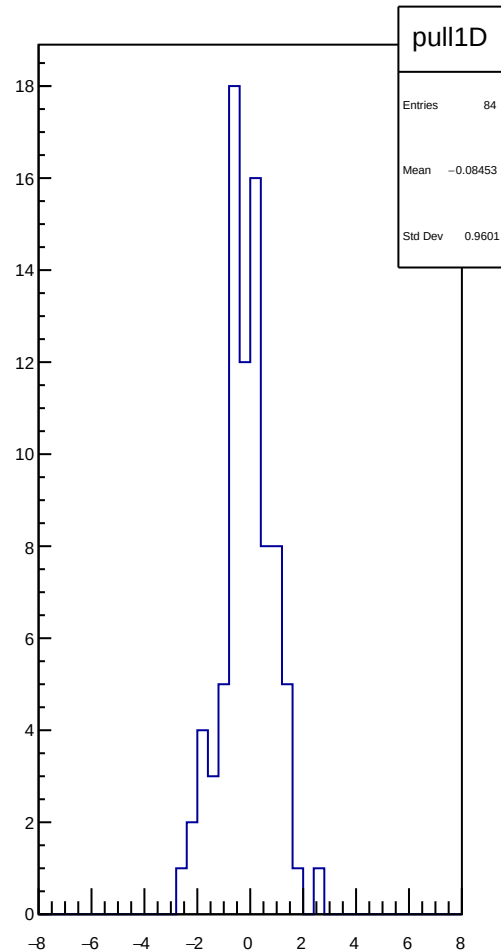
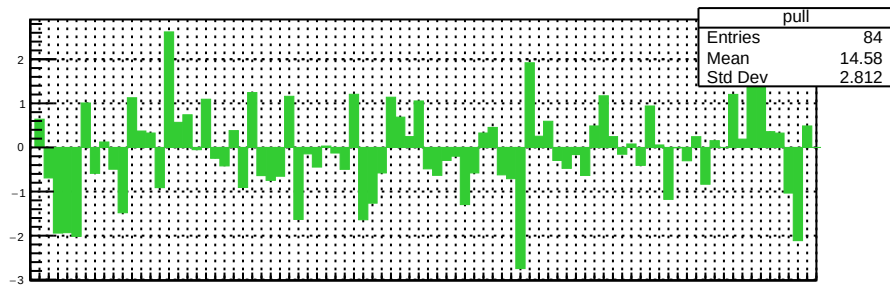
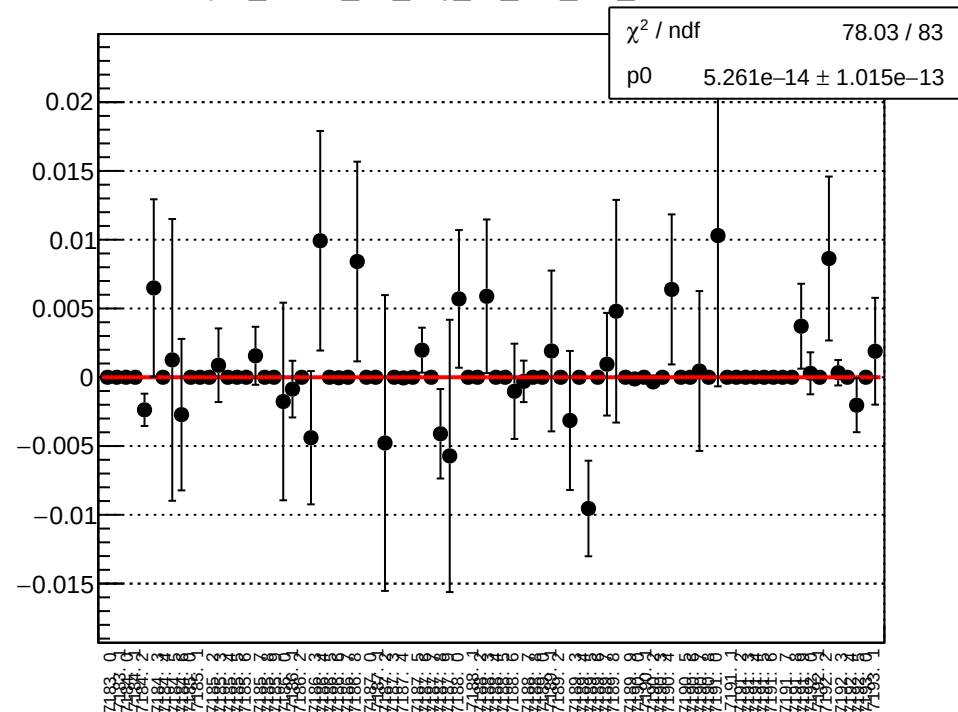
asym_atl1r2_dd_mean vs run



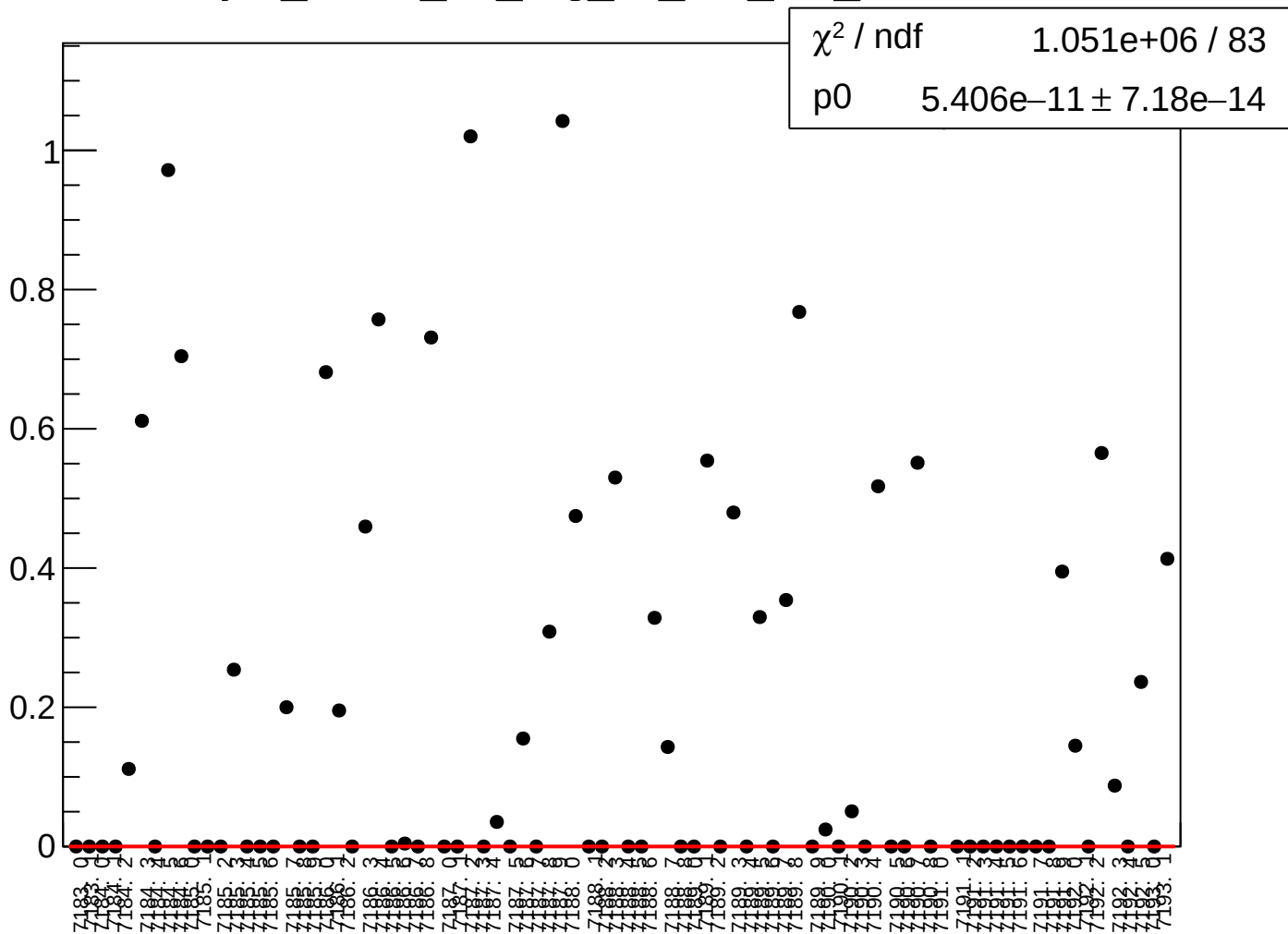
asym_atl1r2_dd_rms vs run



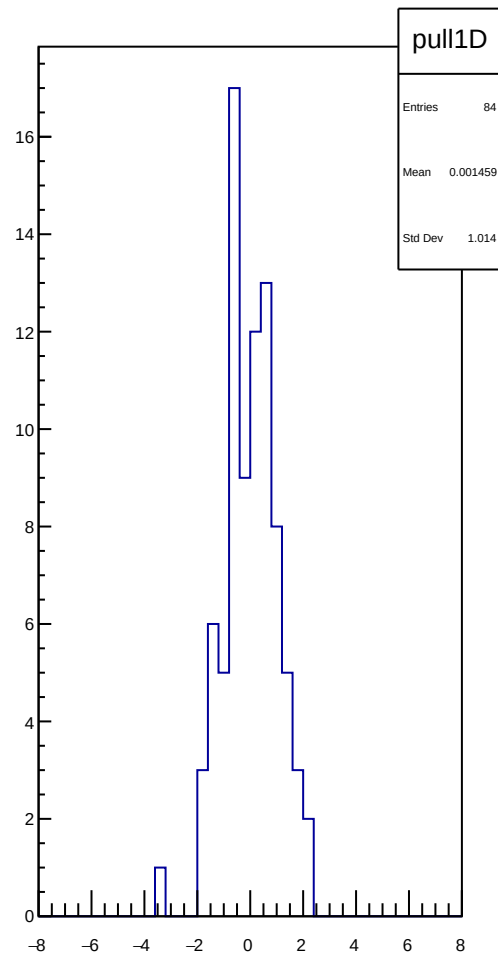
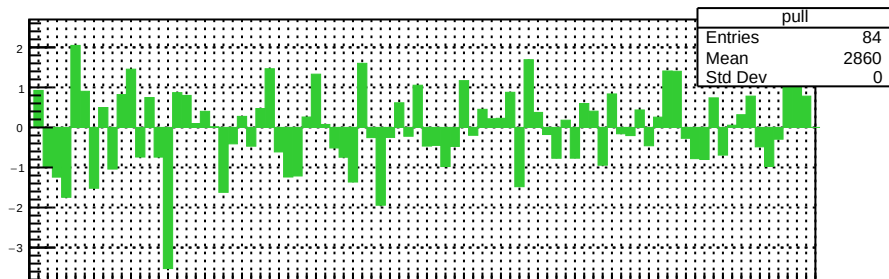
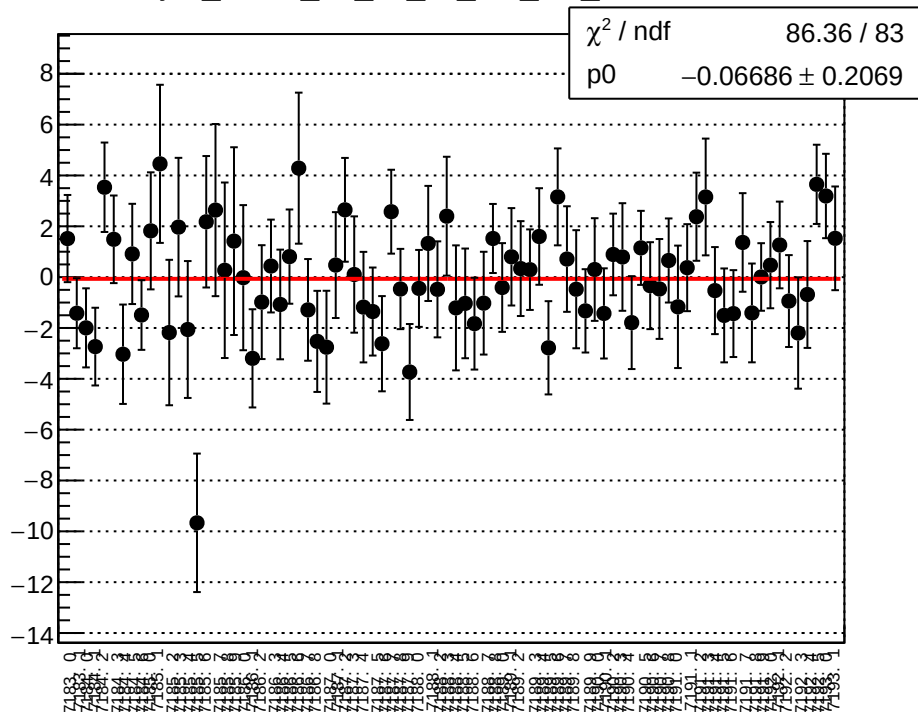
asym_atl1r2_dd_reg_vs_cor_diff_mean vs run



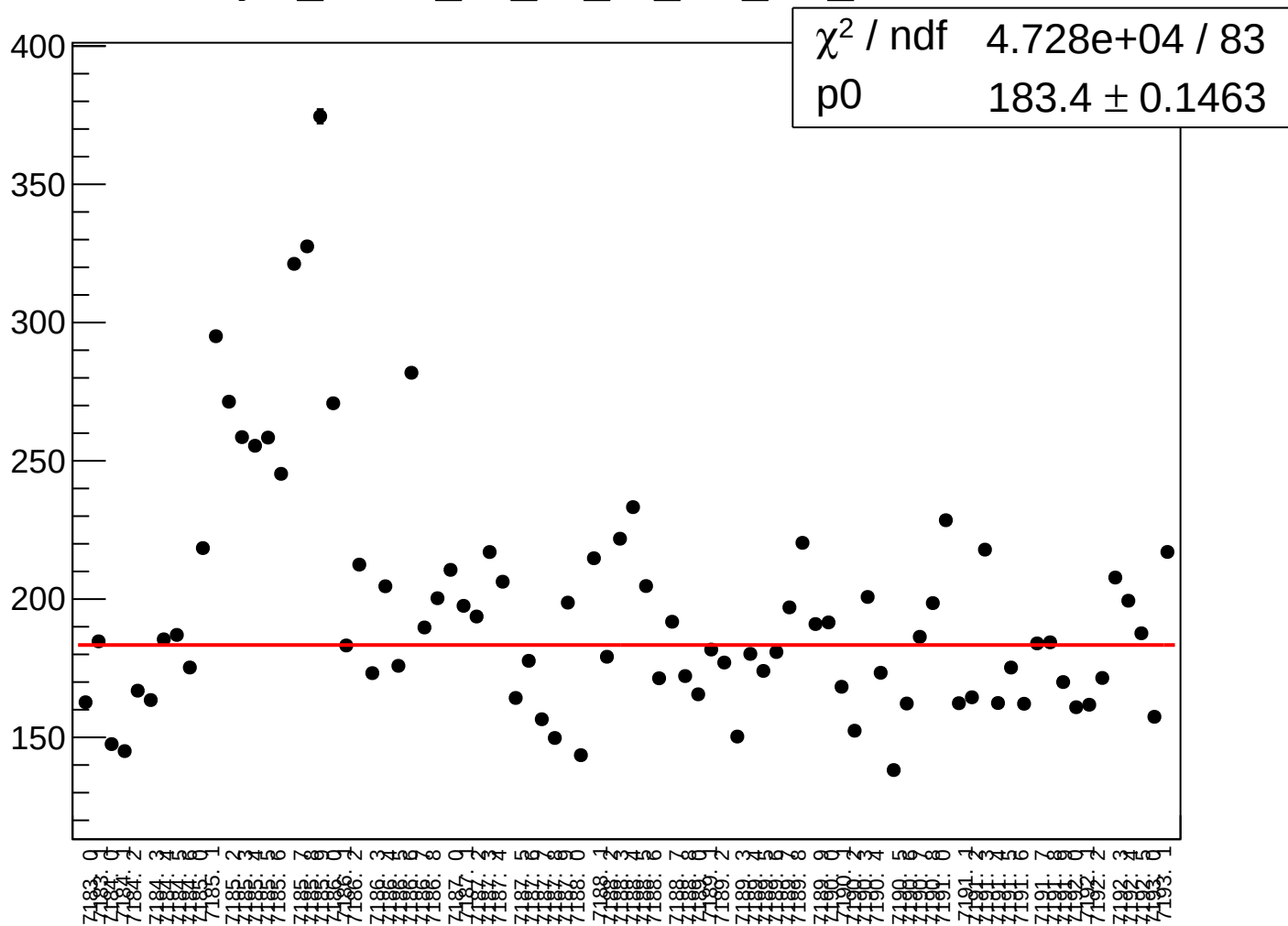
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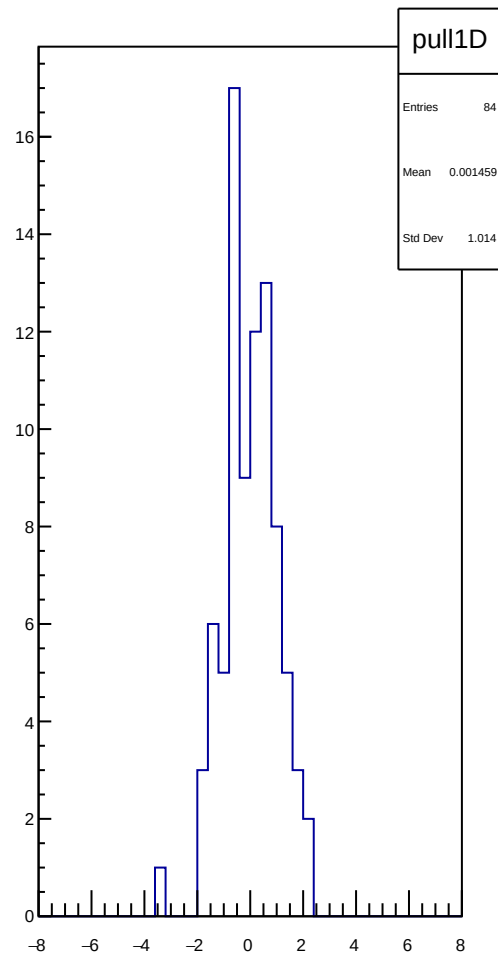
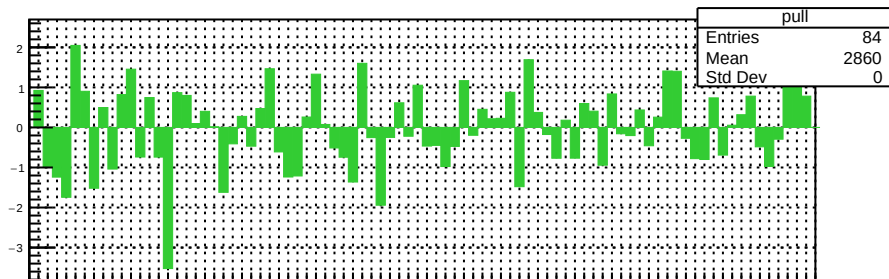
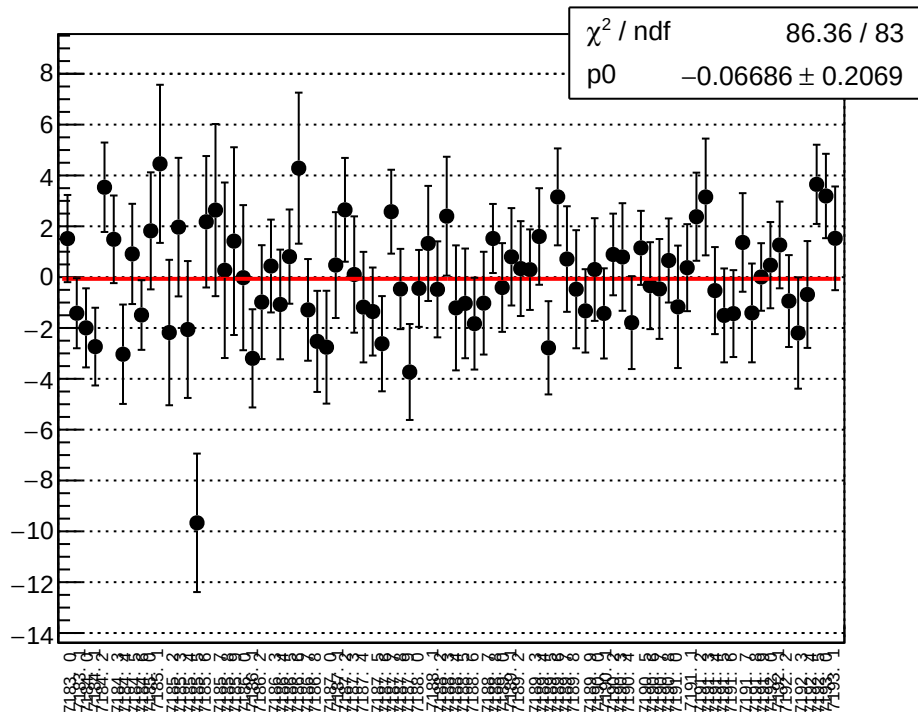
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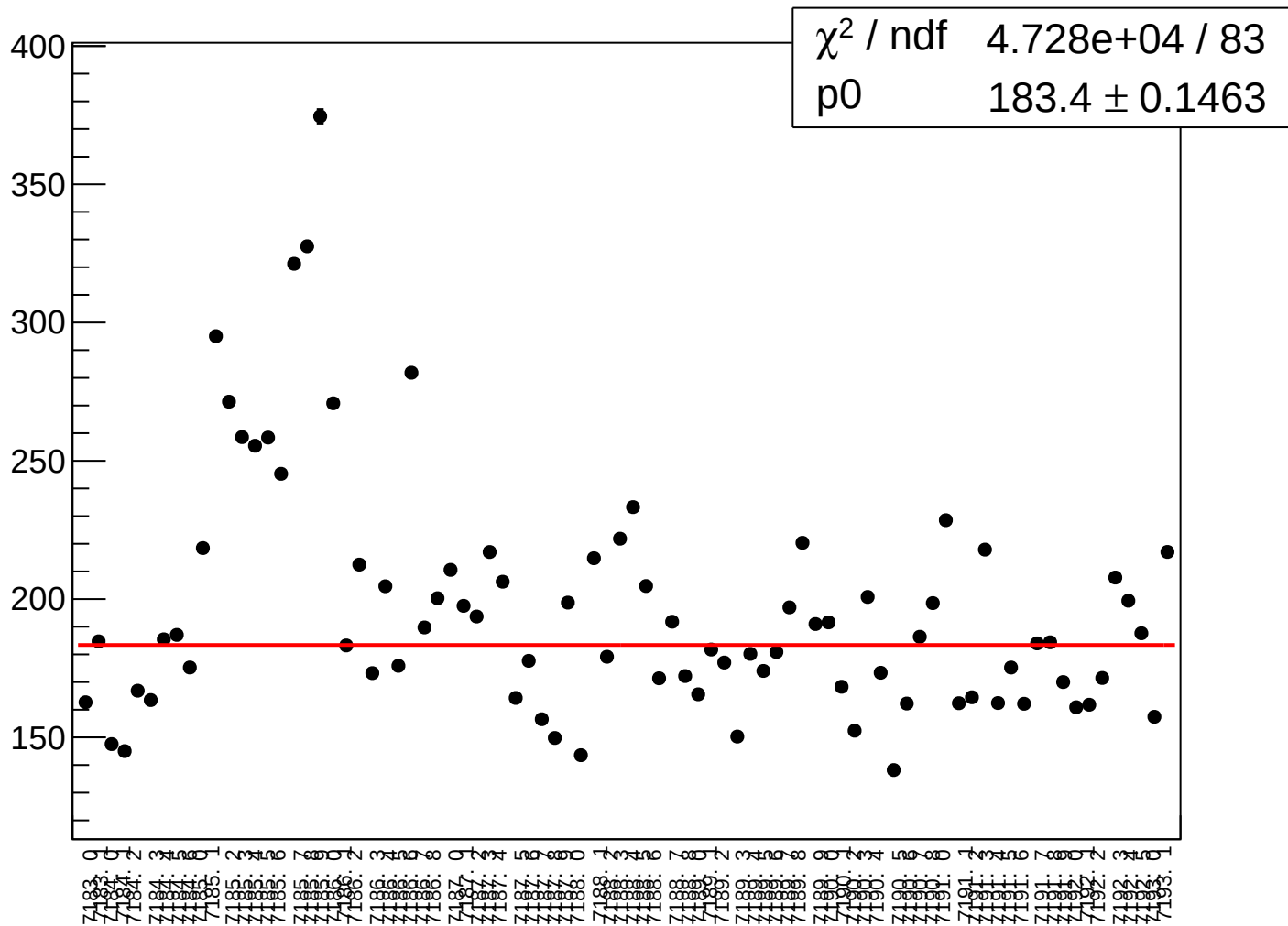
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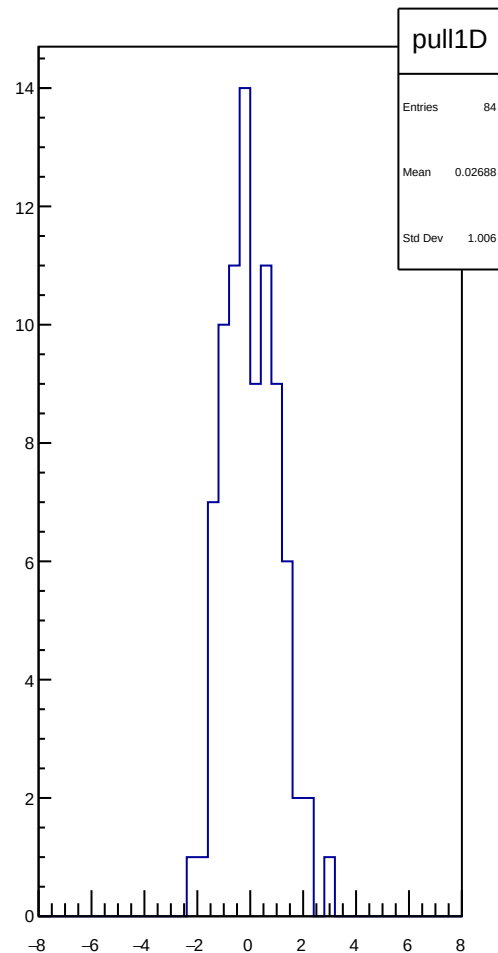
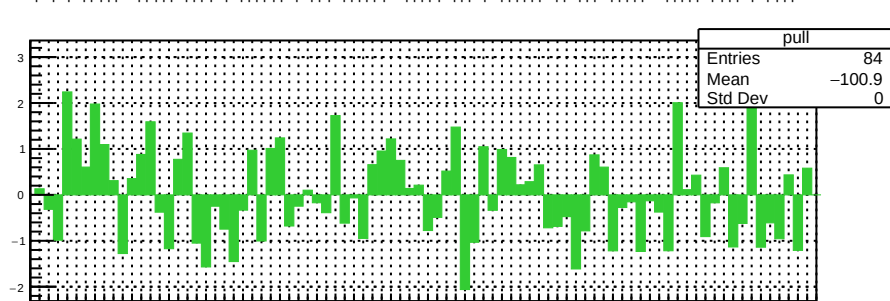
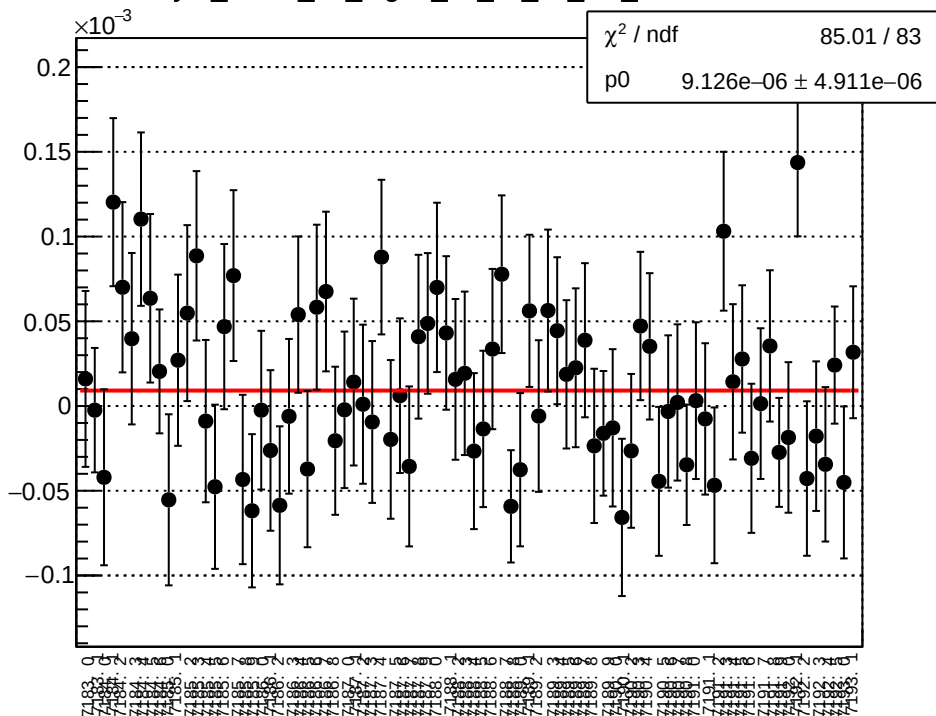
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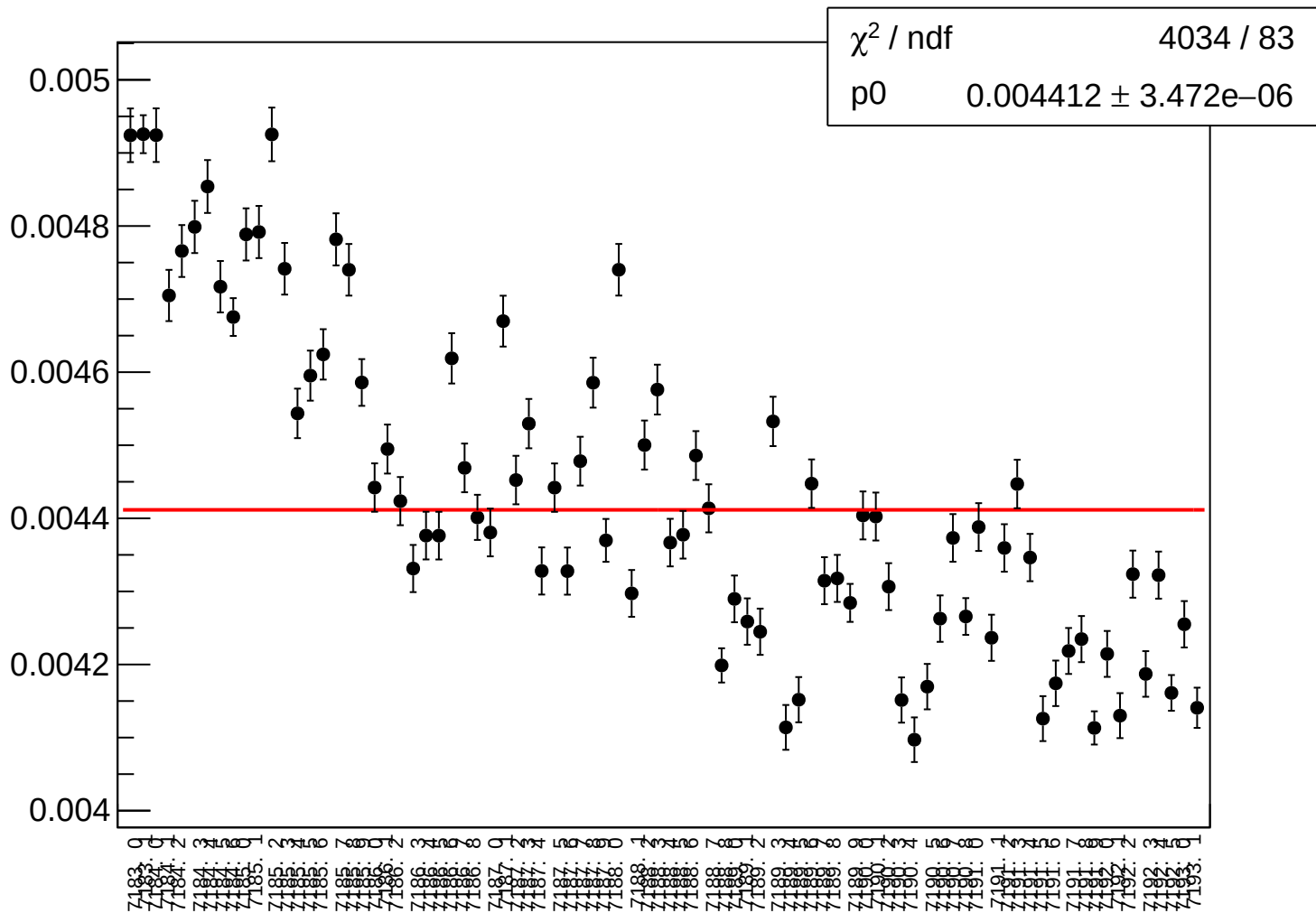
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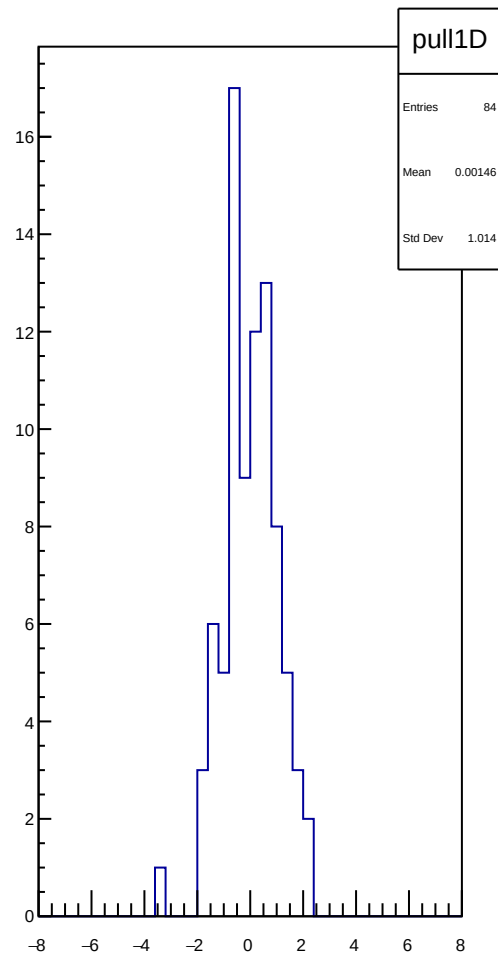
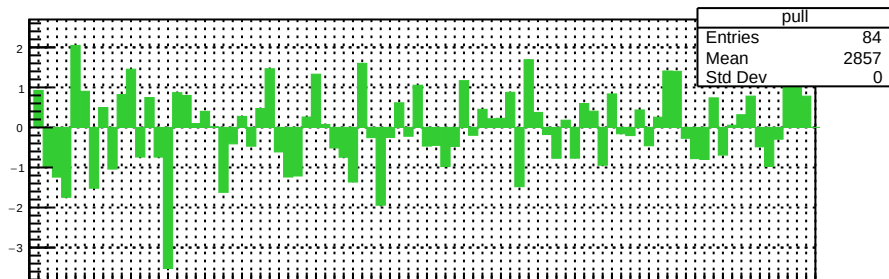
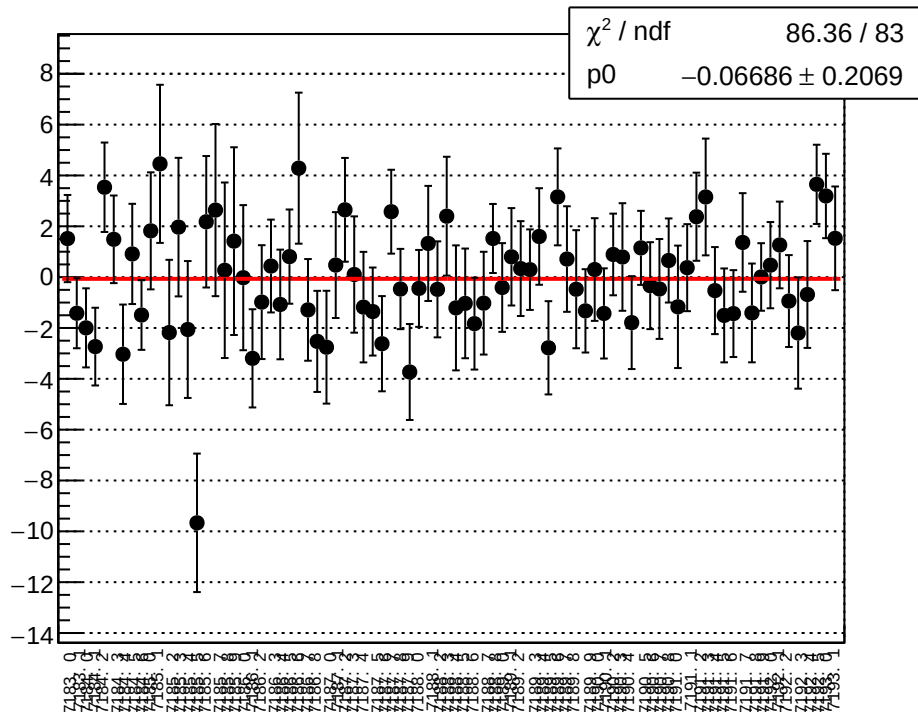
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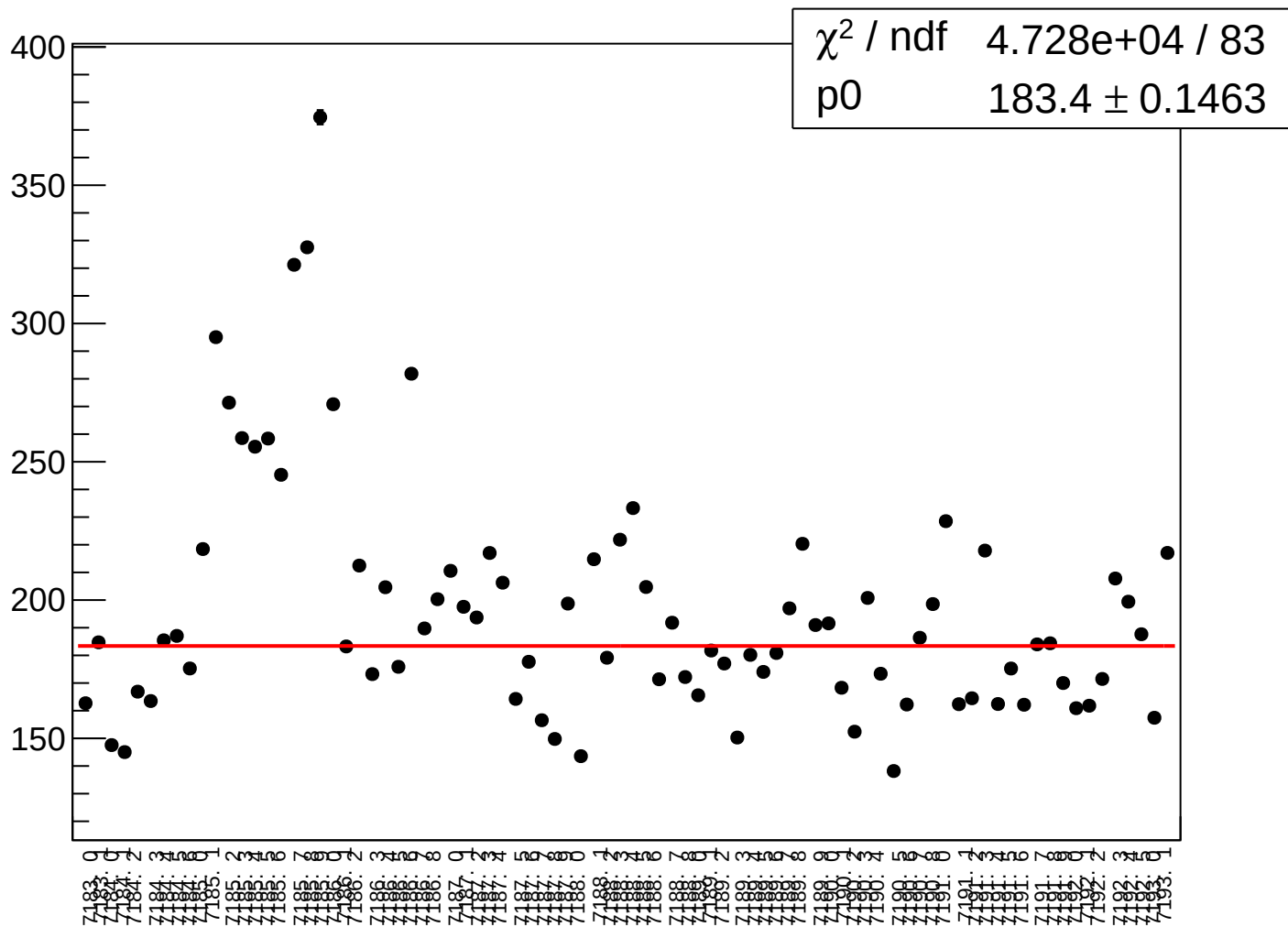
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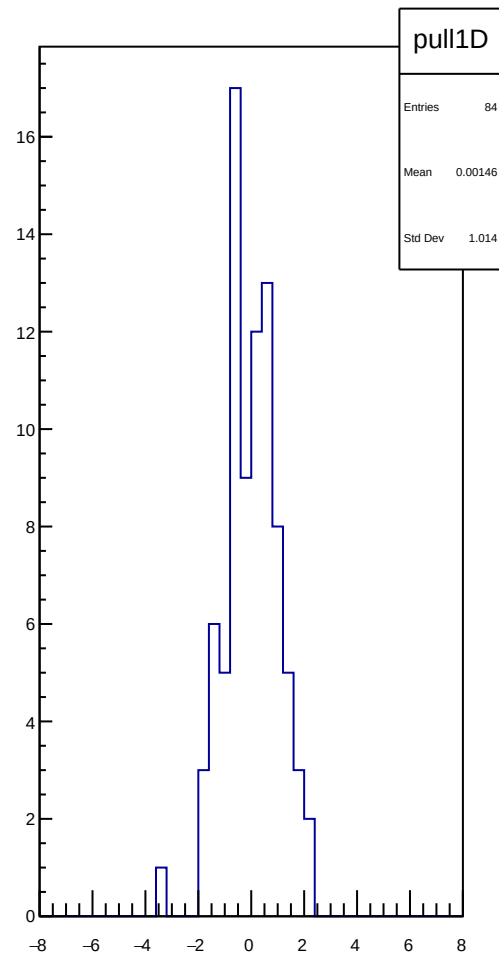
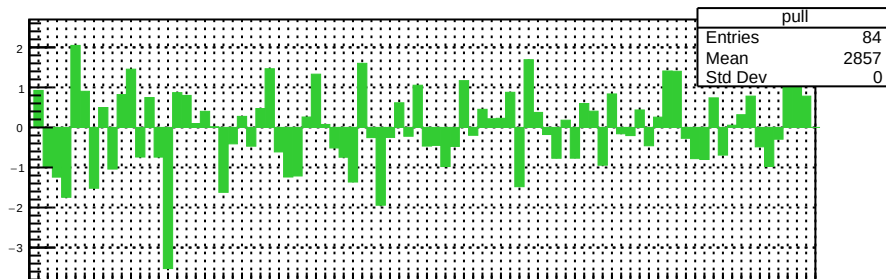
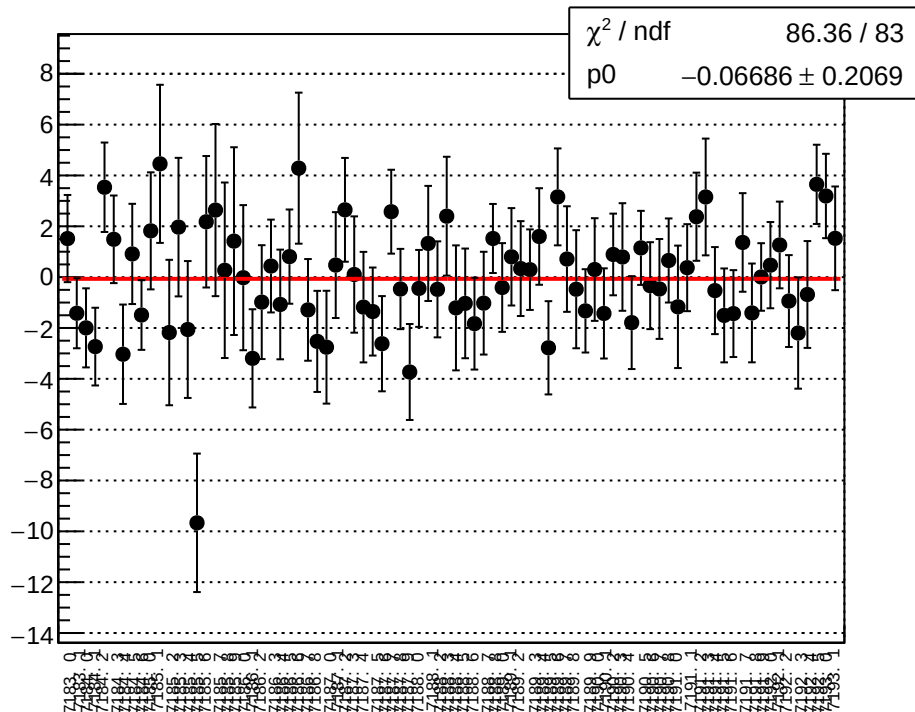
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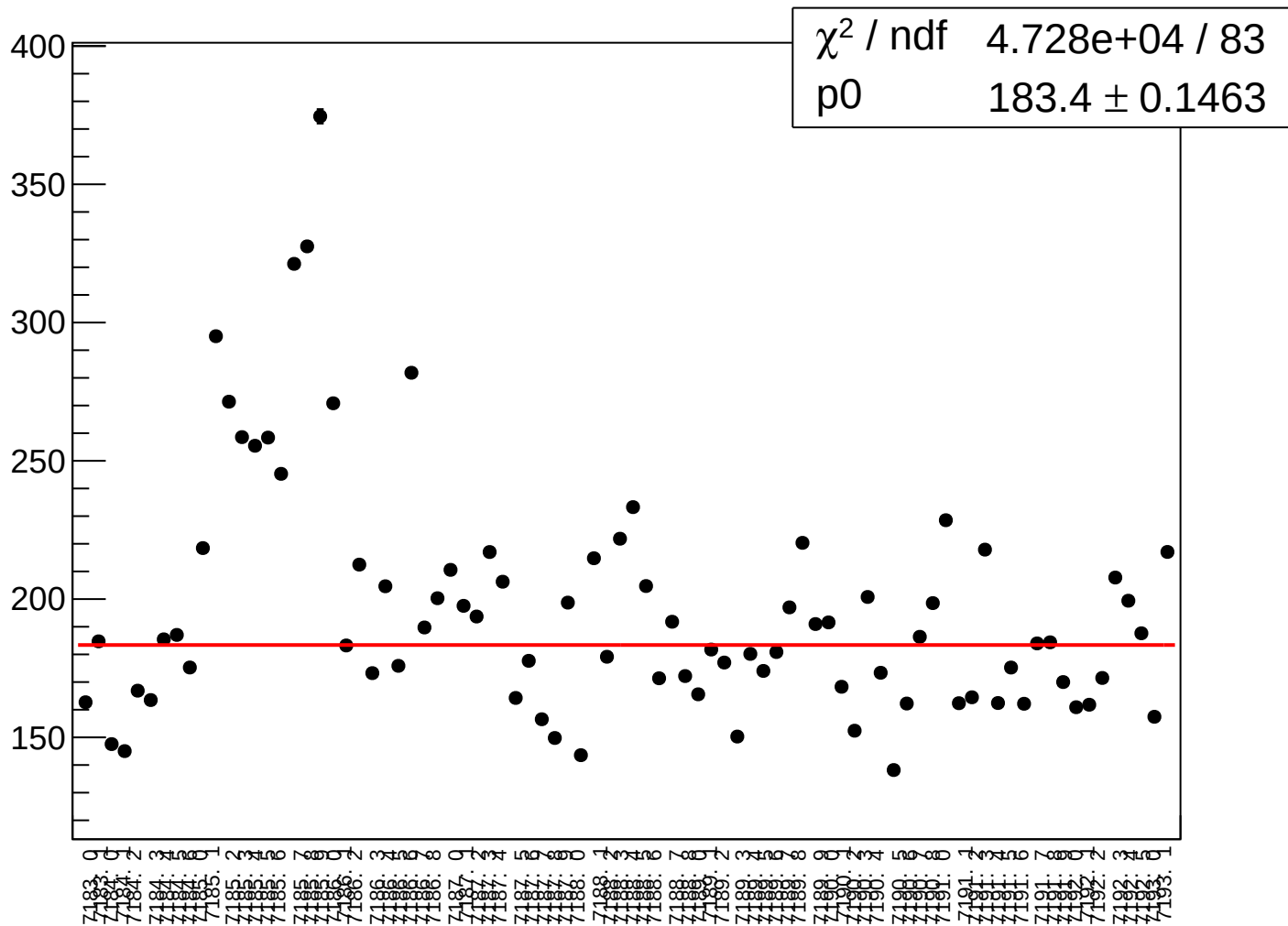
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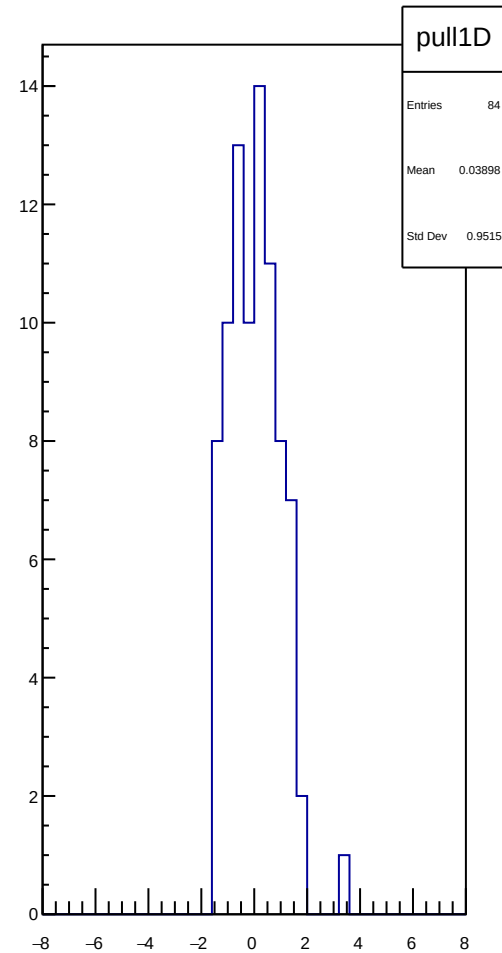
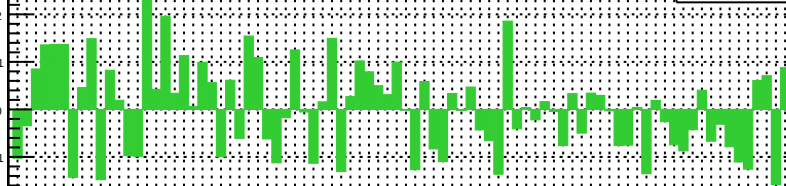
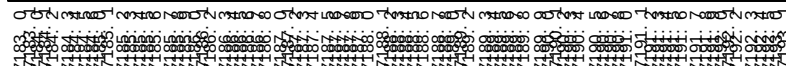


asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs run

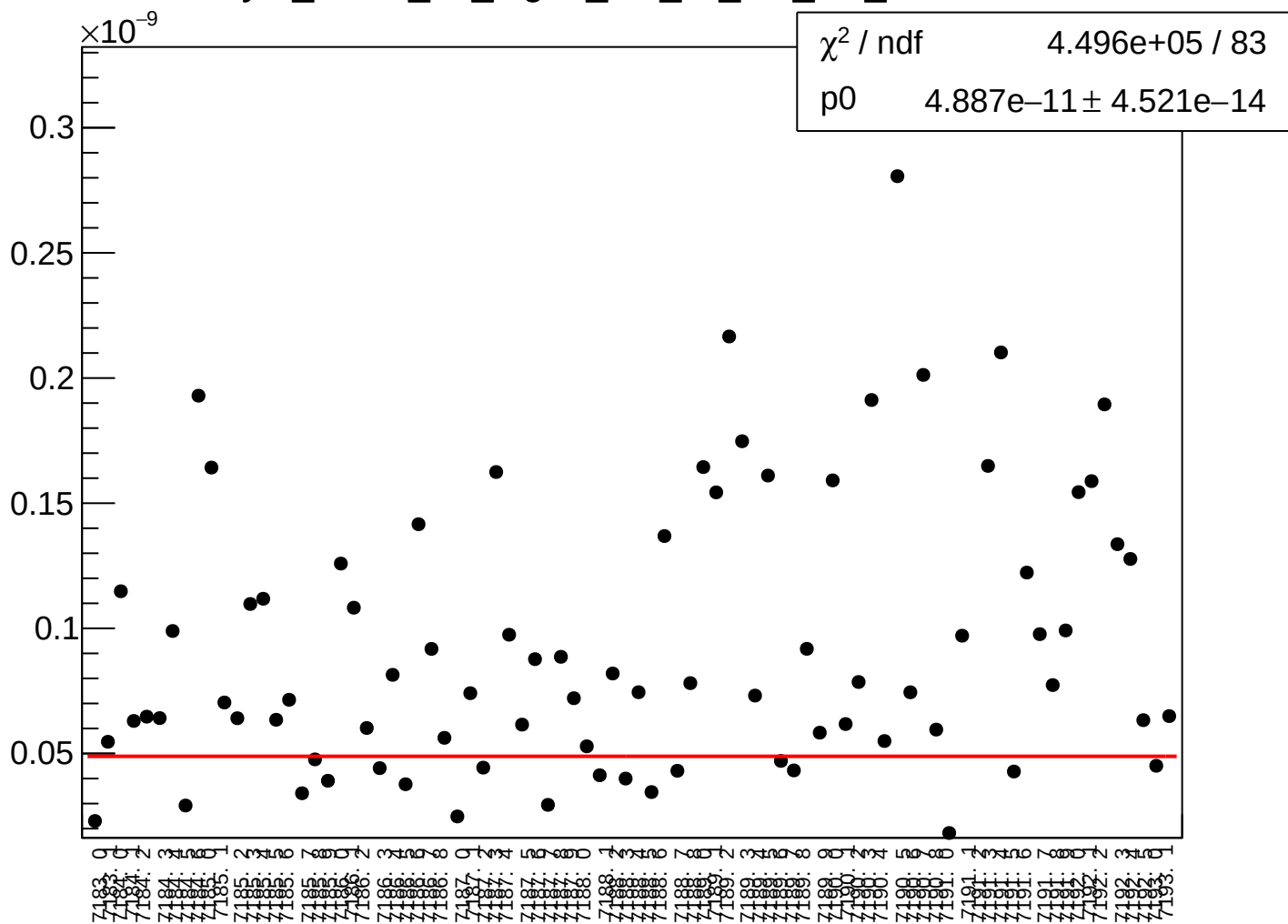


asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs run

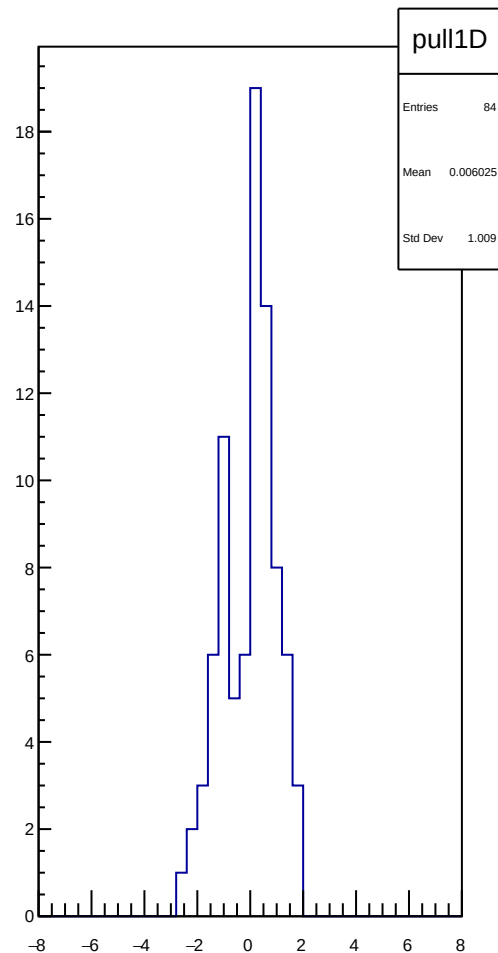
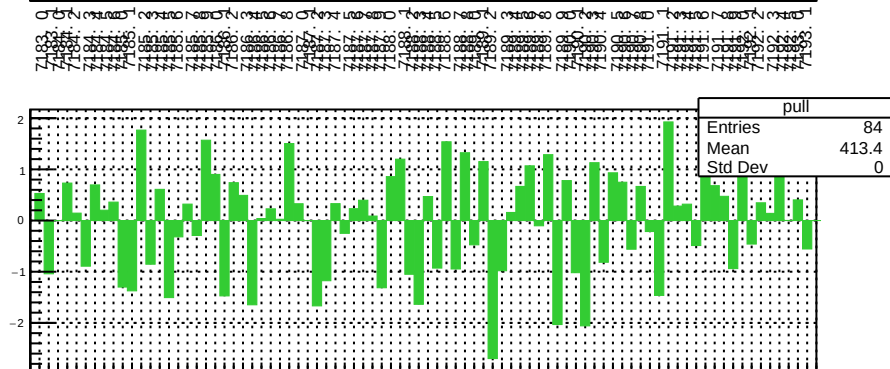
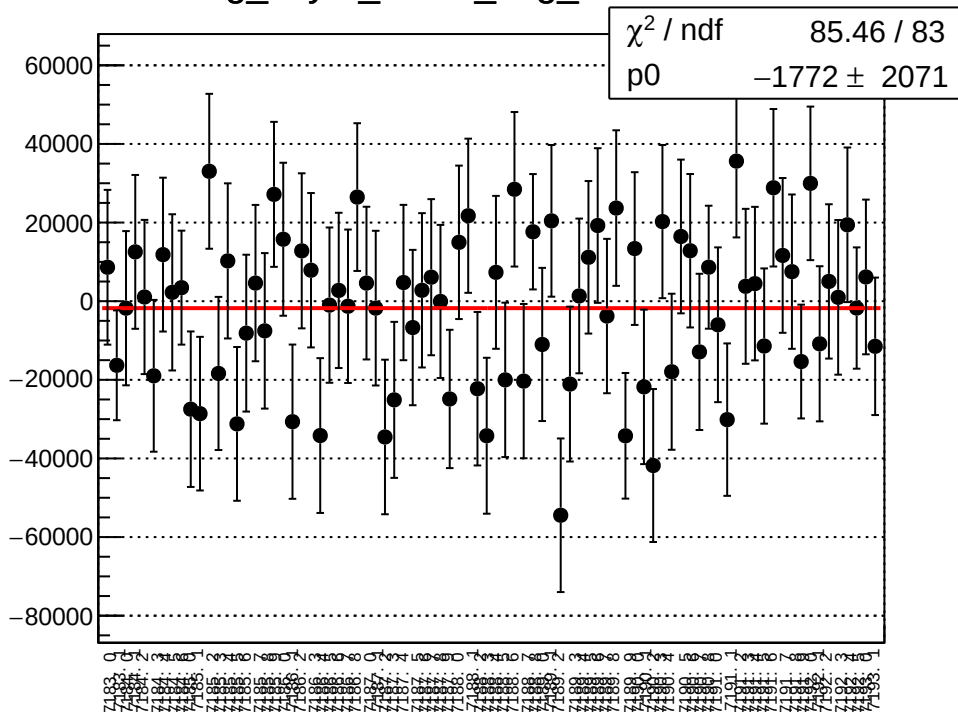


$\times 10^{-12}$ 

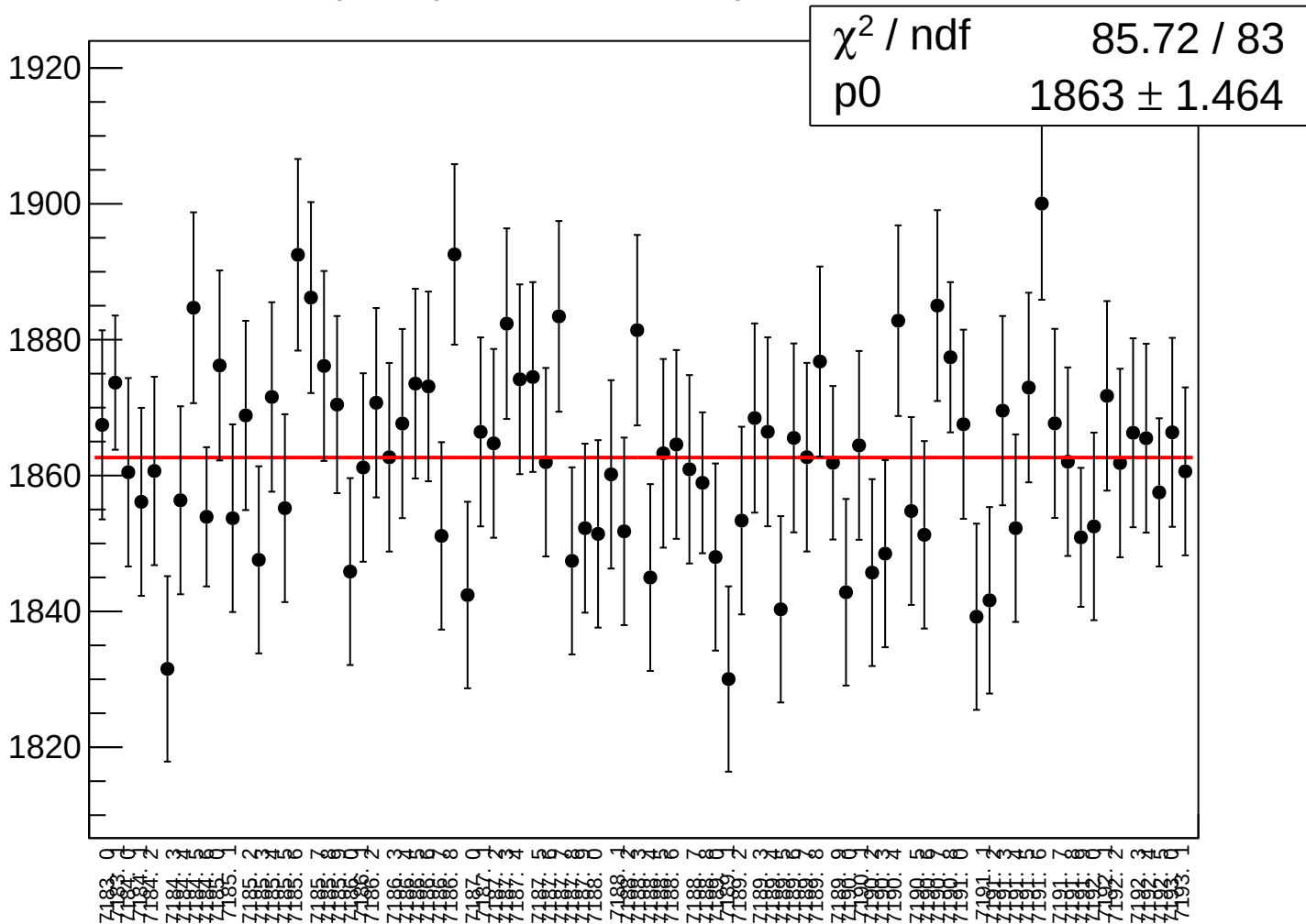
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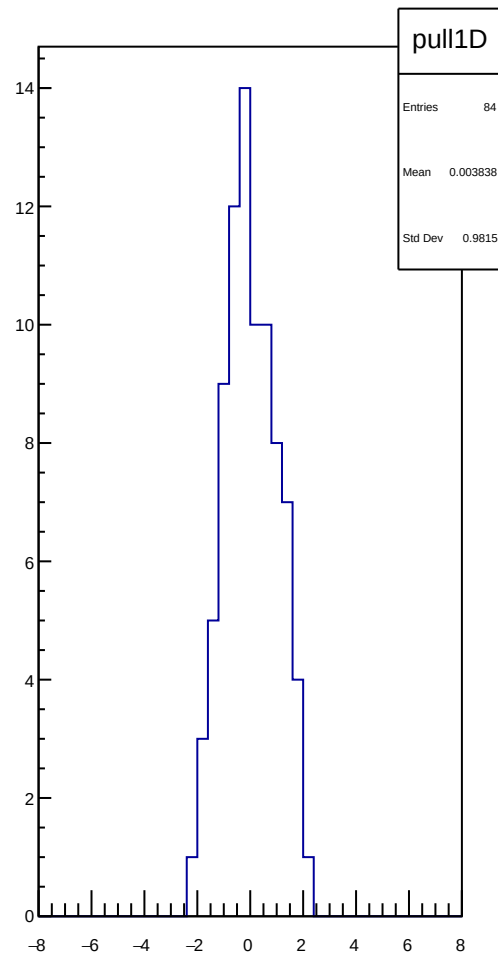
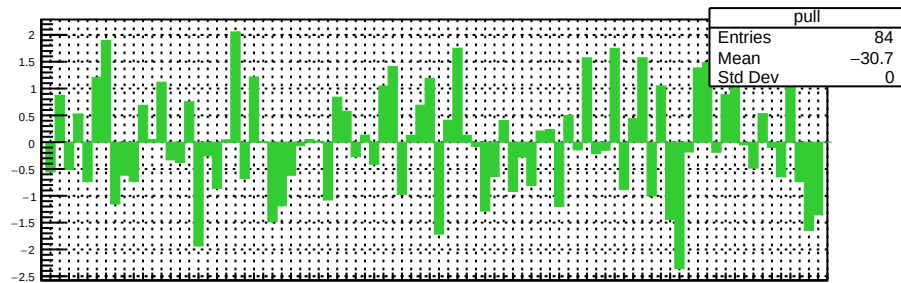
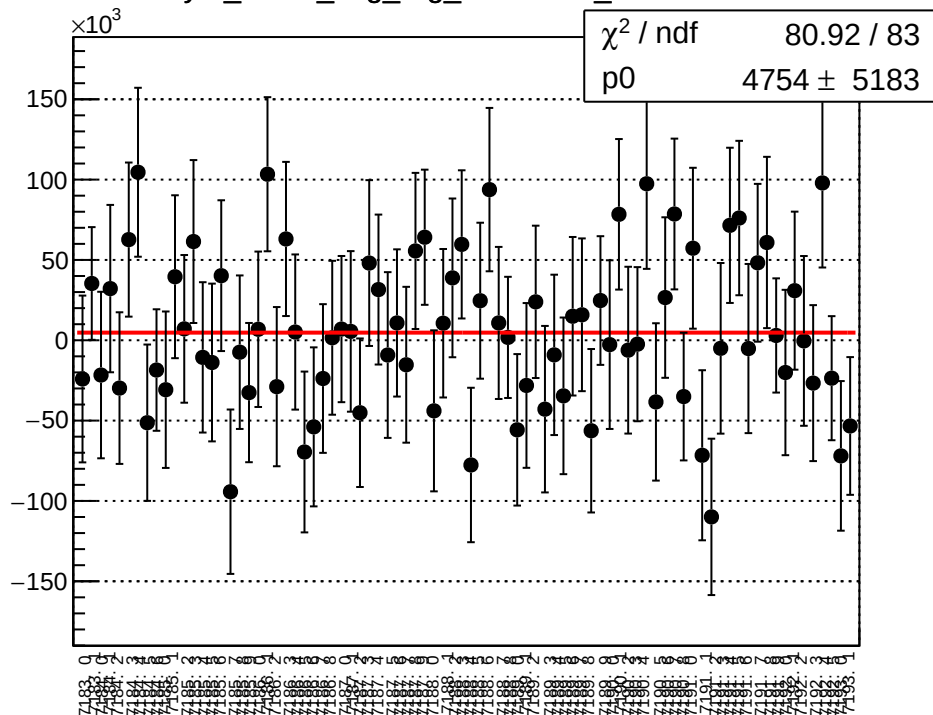
reg_asym_atr1l2_avg_mean vs run



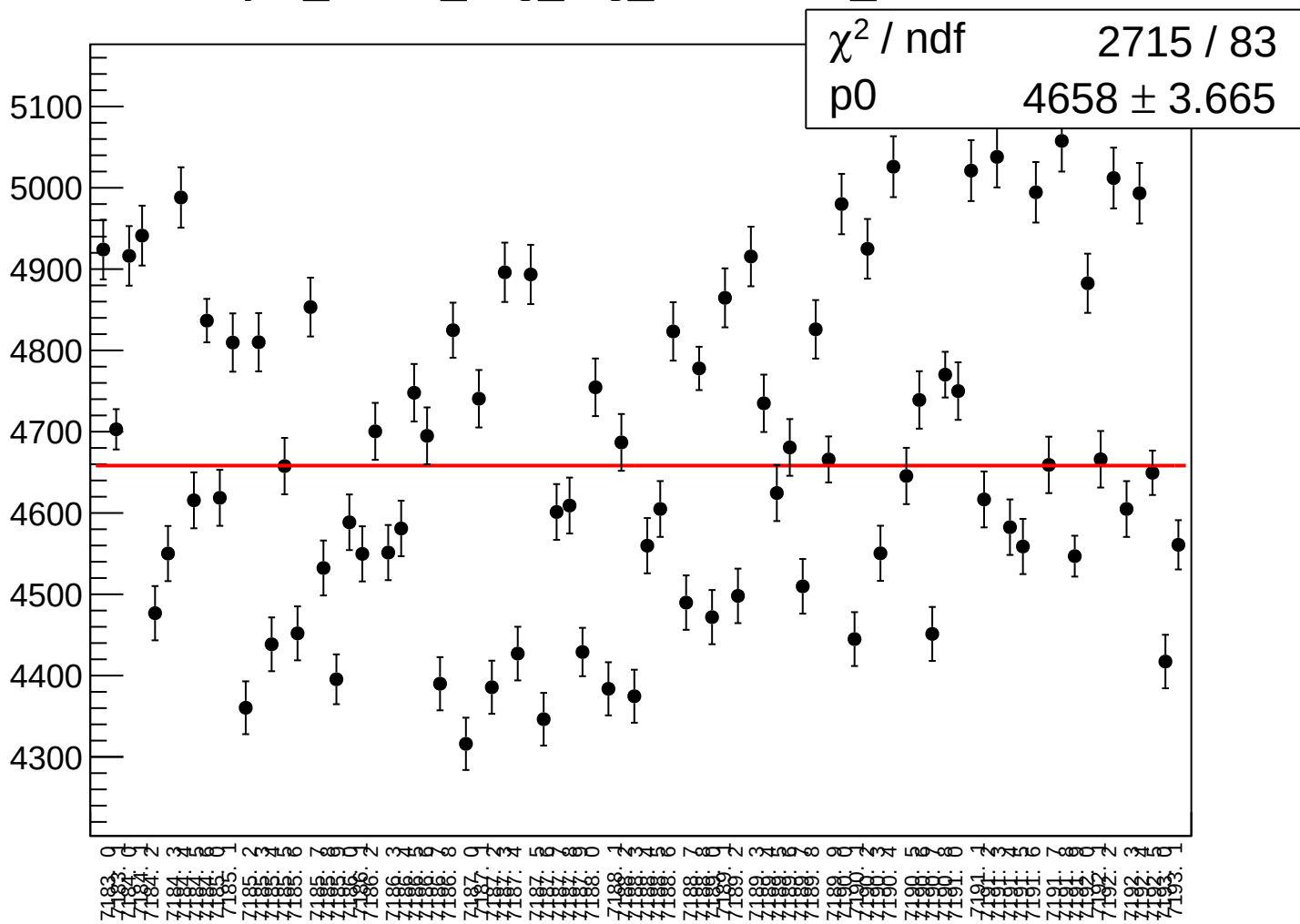
reg_asym_atr1l2_avg_rms vs run



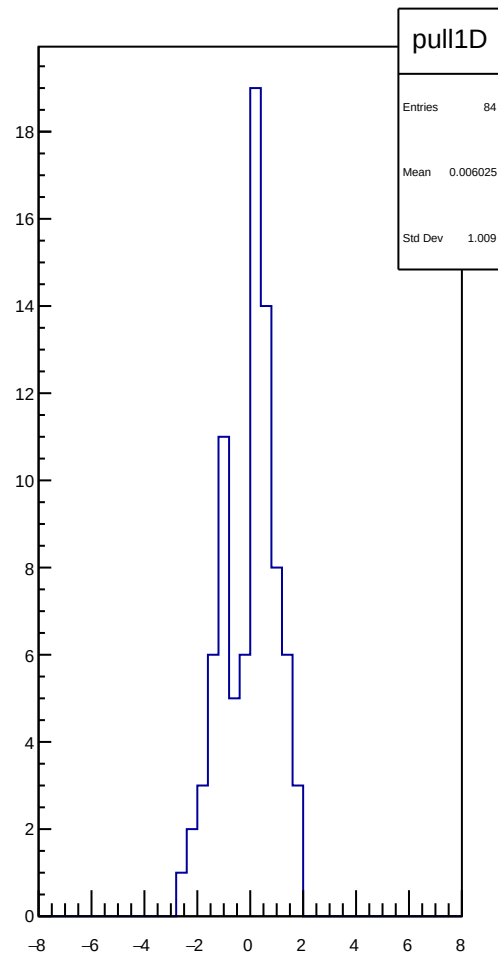
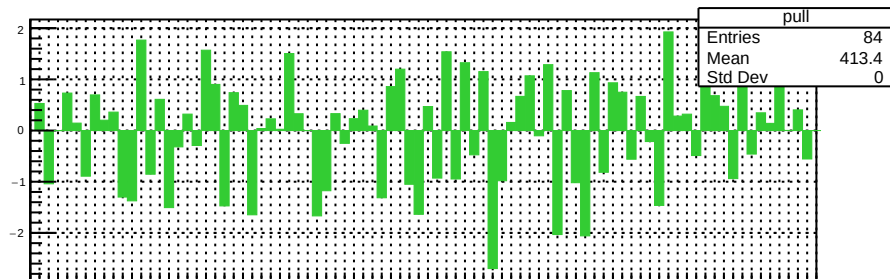
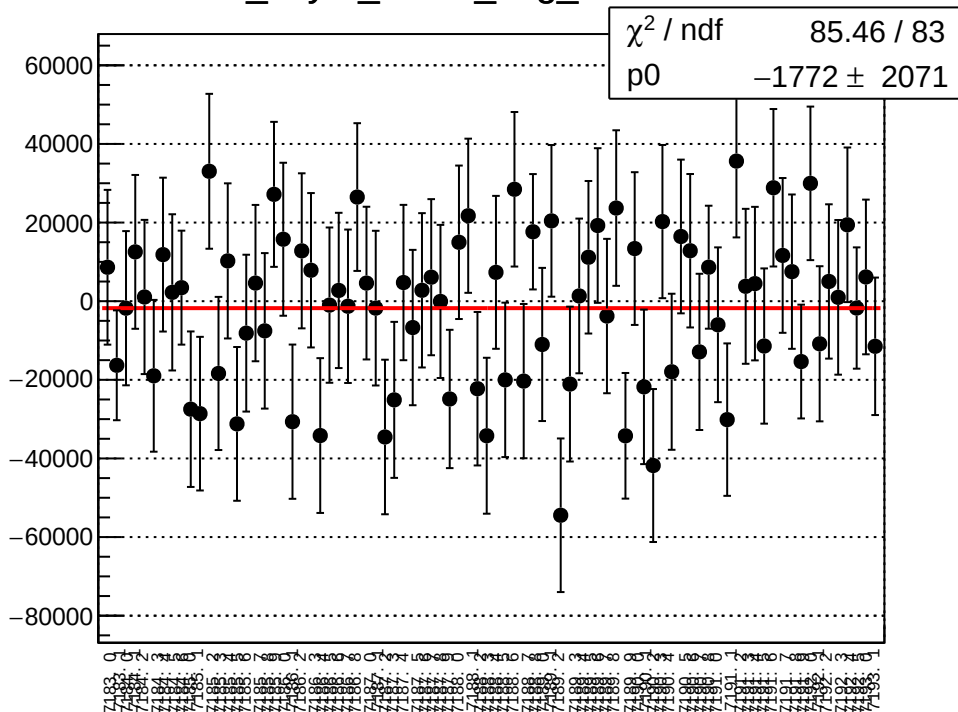
asym_atr12_avg_reg_correction_mean vs run



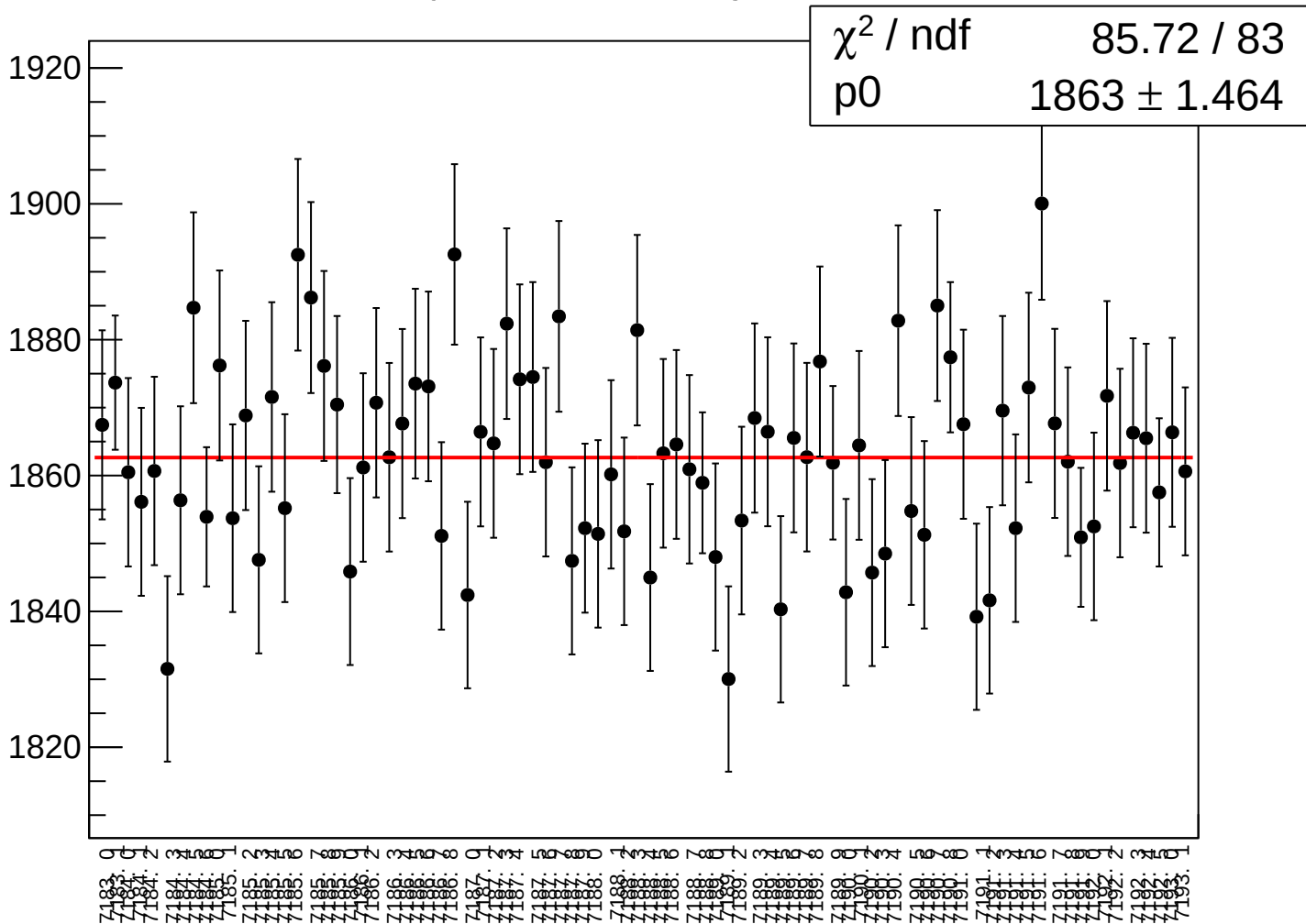
asym_atr1l2_avg_reg_correction_rms vs run



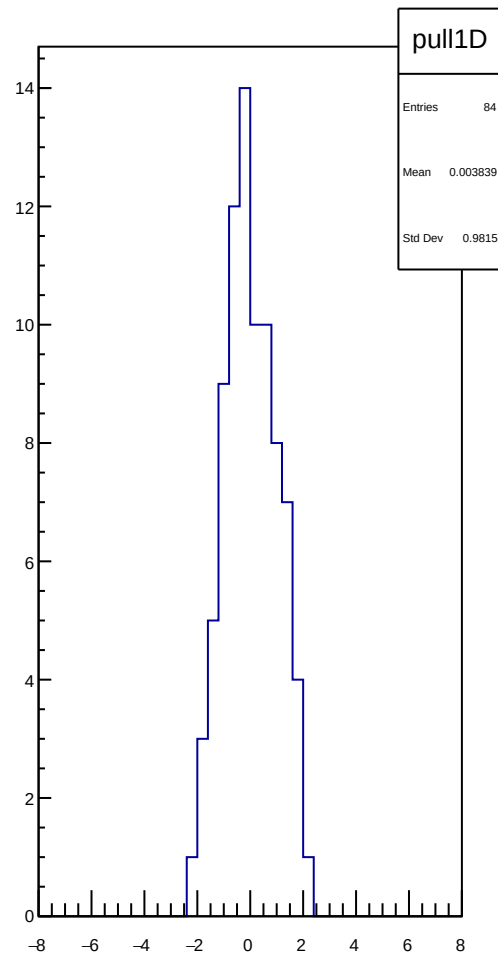
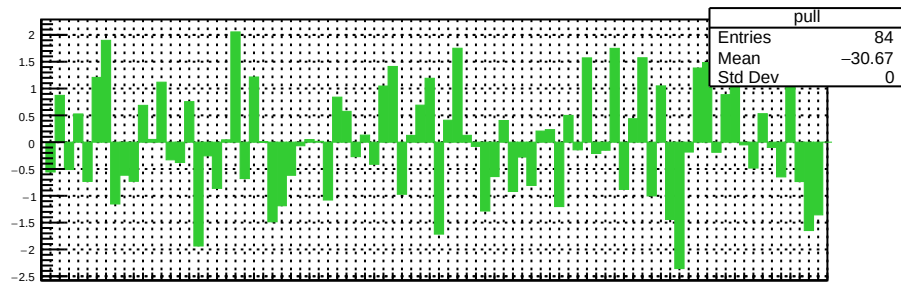
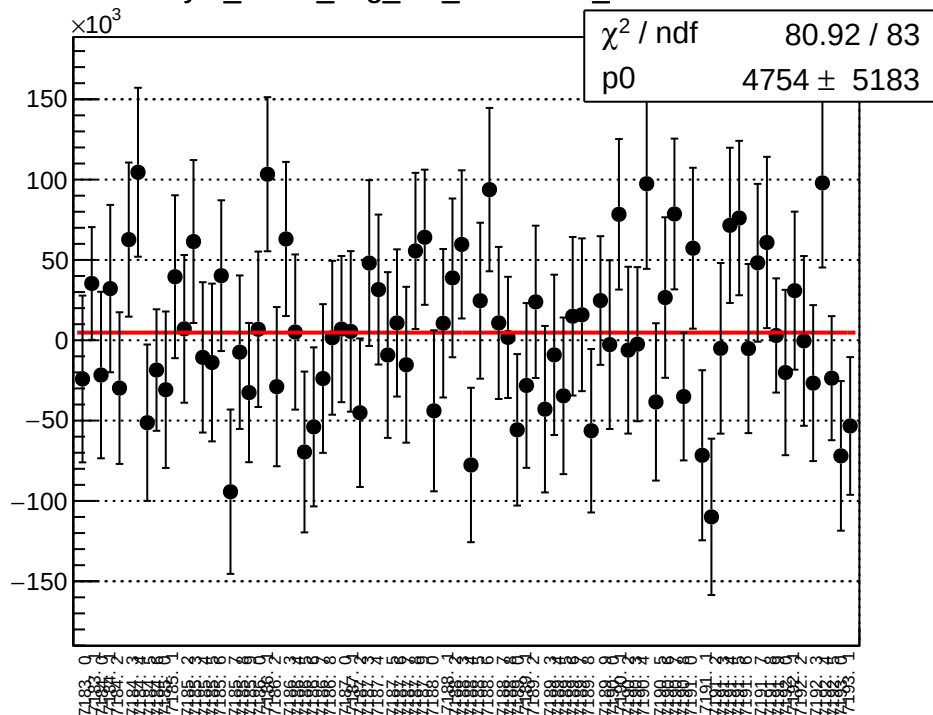
cor_asym_atr1l2_avg_mean vs run



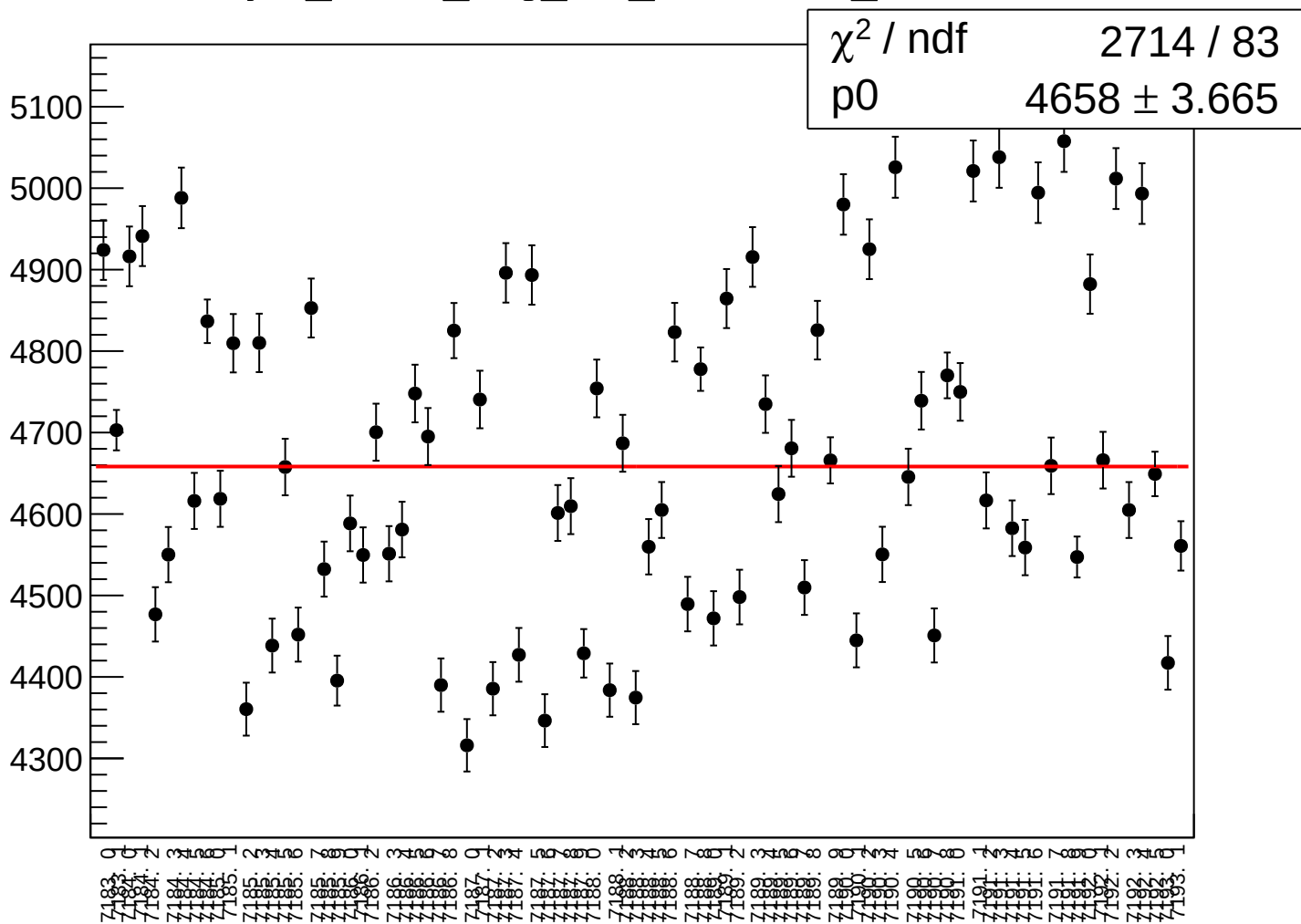
cor_asym_atr1l2_avg_rms vs run



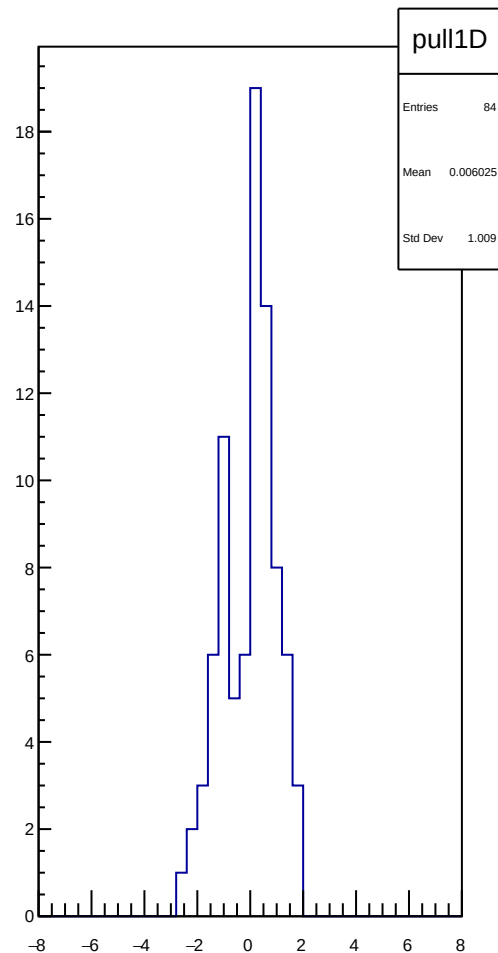
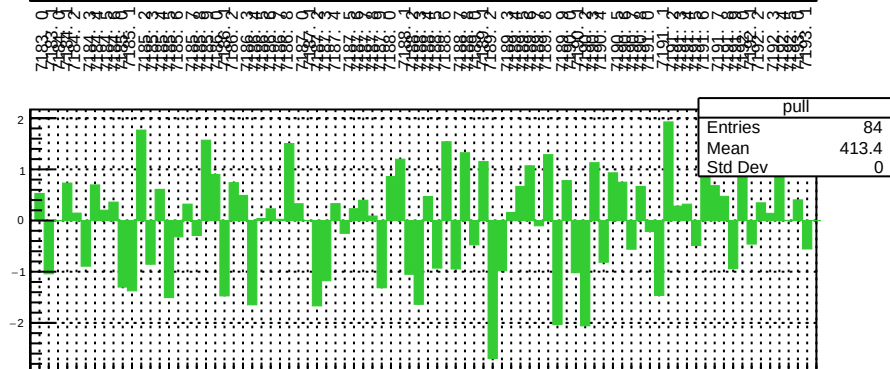
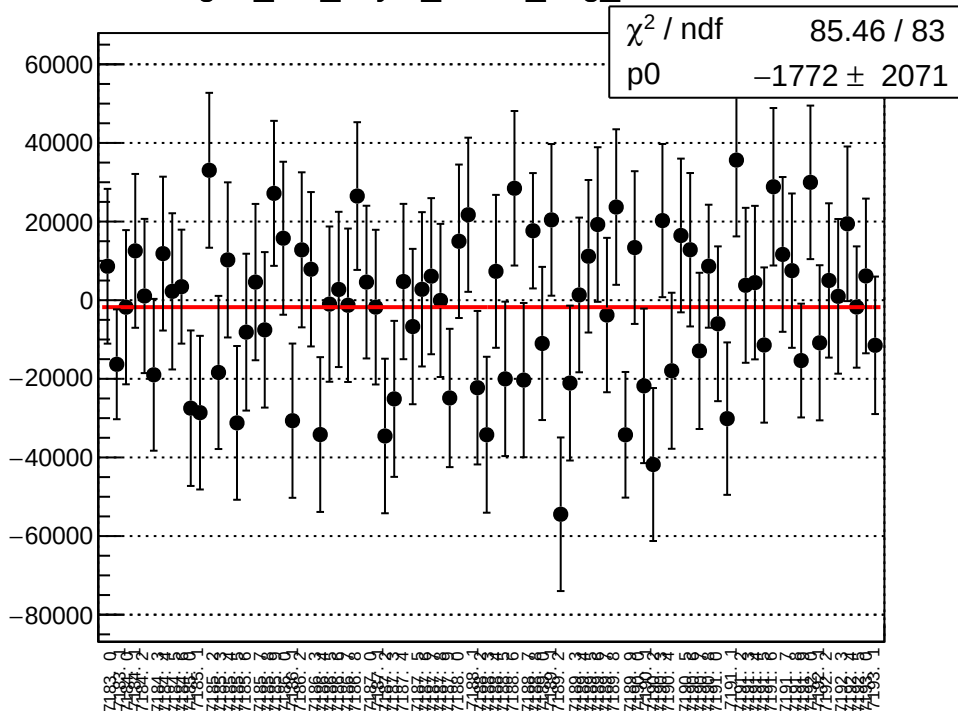
asym_atr1l2_avg_cor_correction_mean vs run



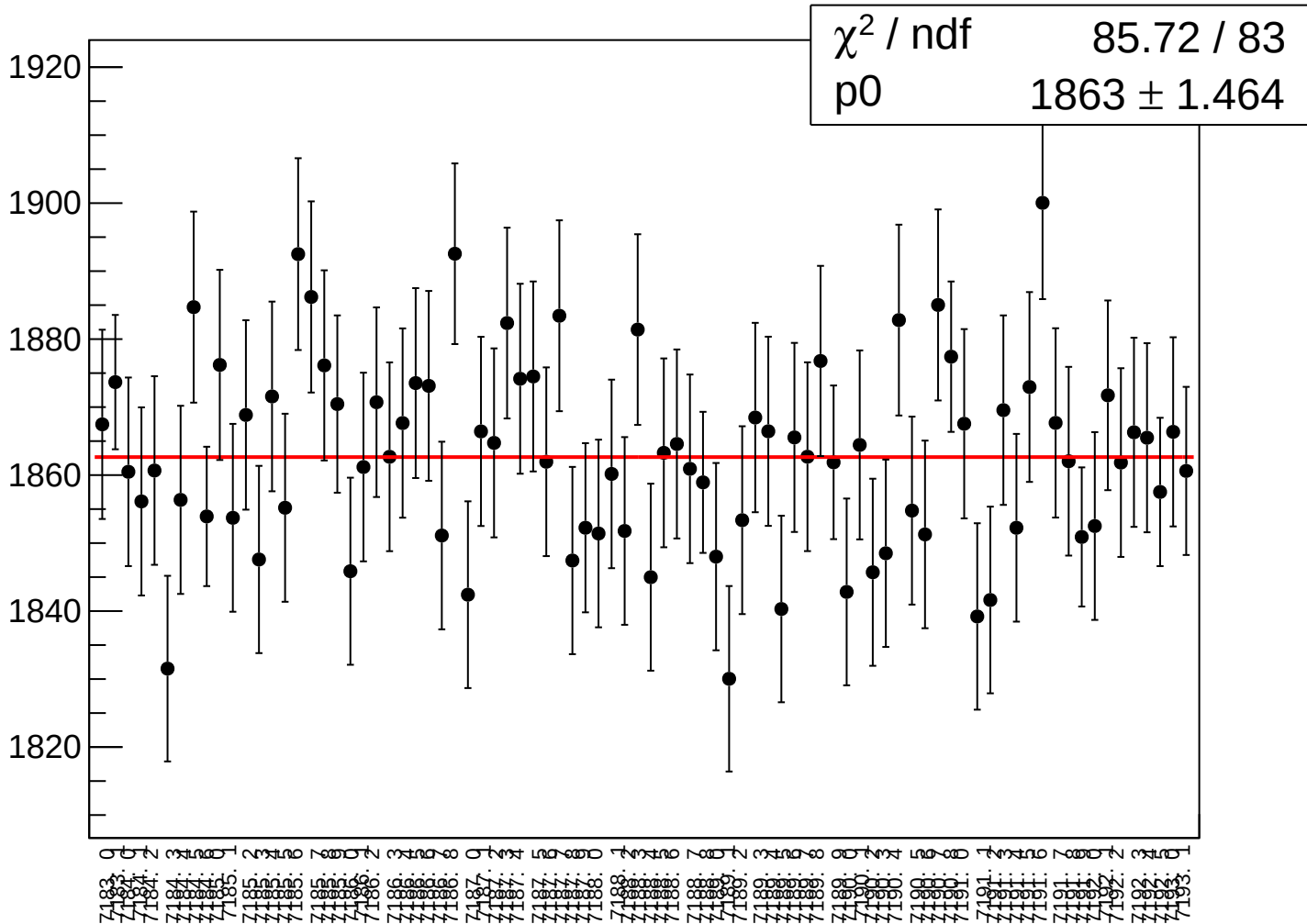
asym_atr1l2_avg_cor_correction_rms vs run



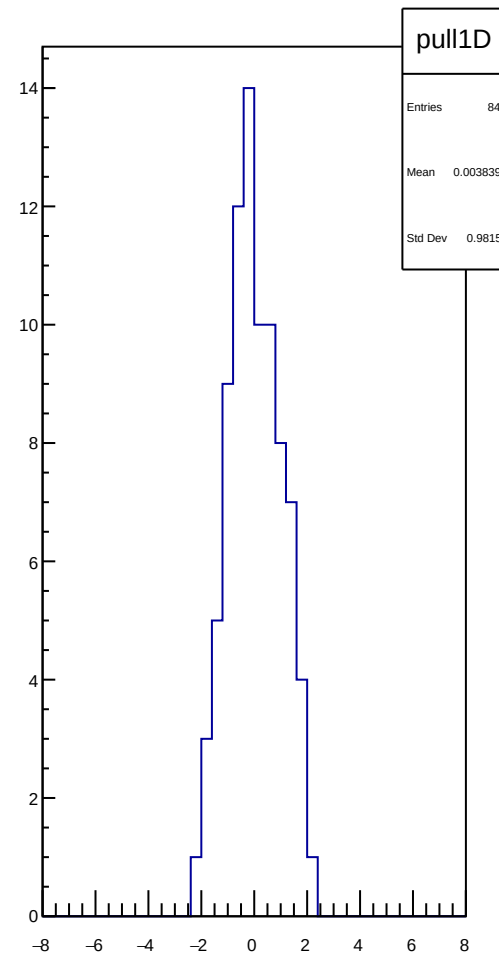
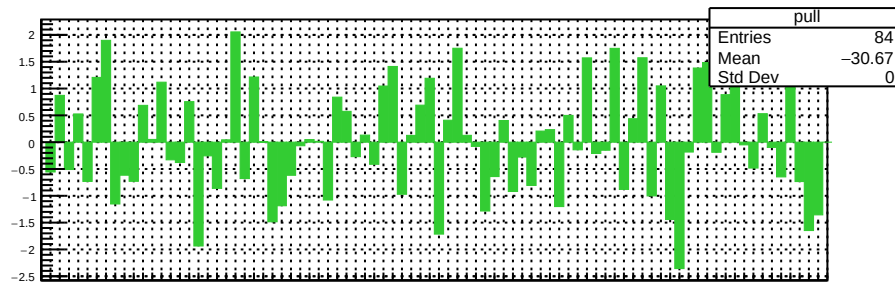
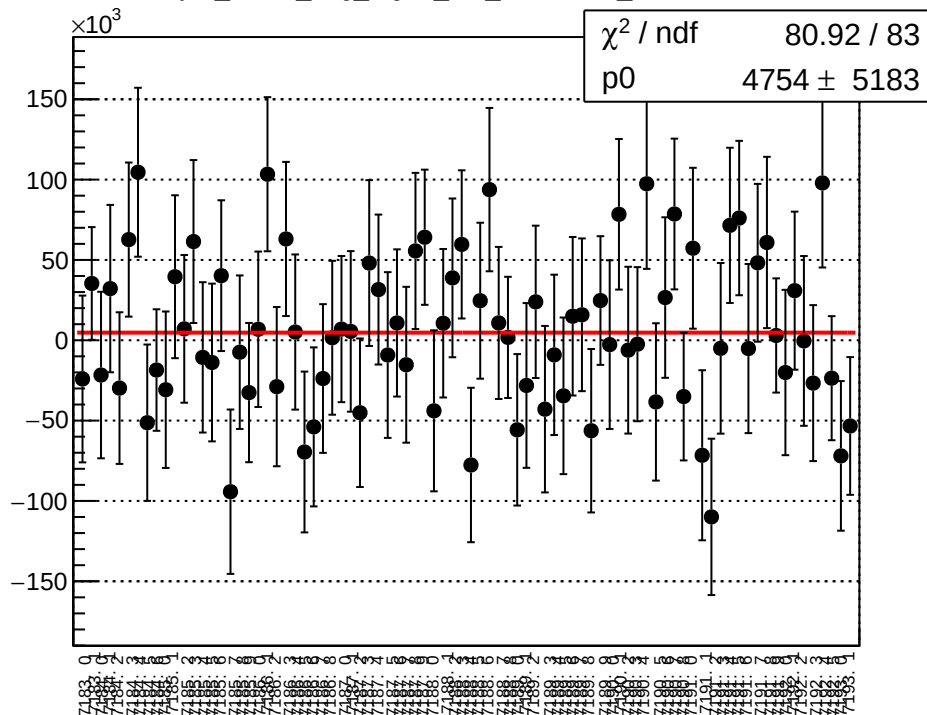
eigen_cor_asym_atr1l2_avg_mean vs run



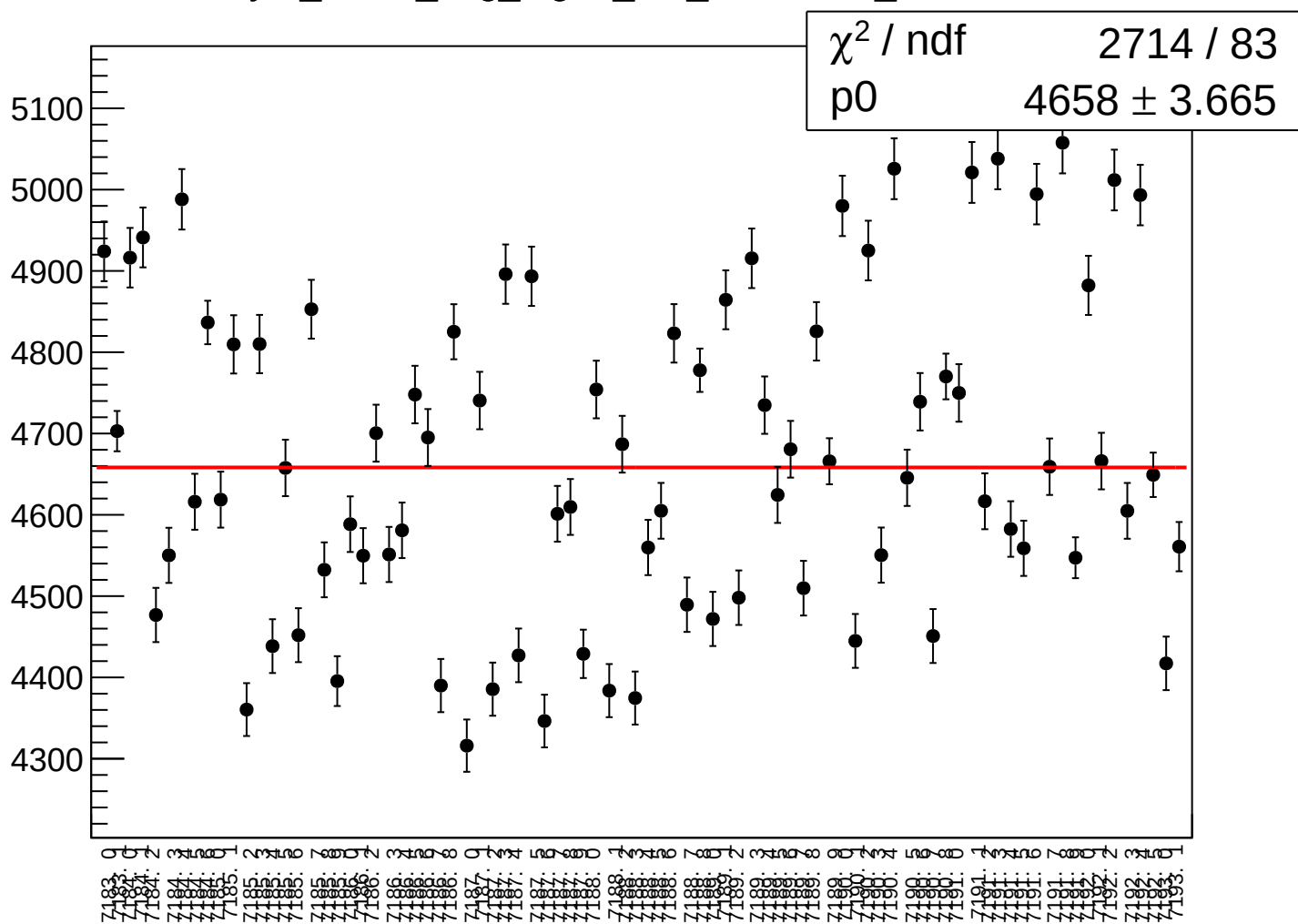
eigen_cor_asym_atr1l2_avg_rms vs run



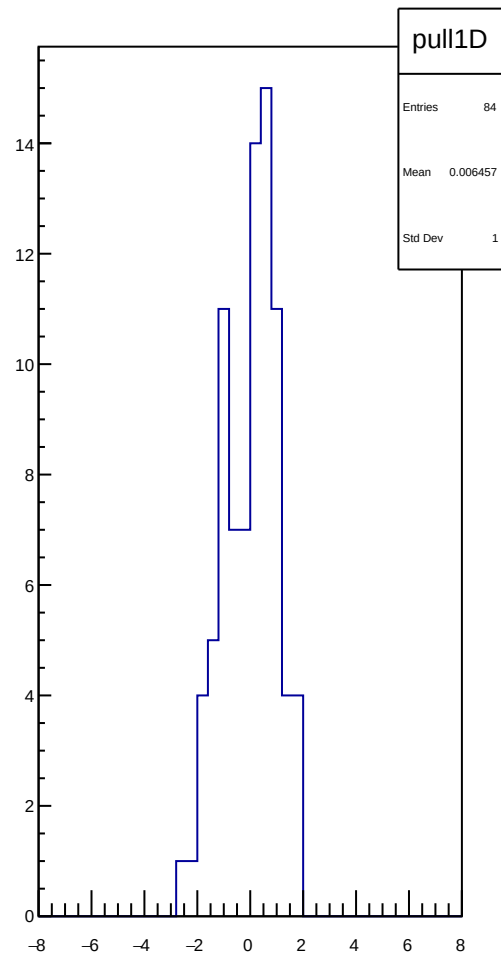
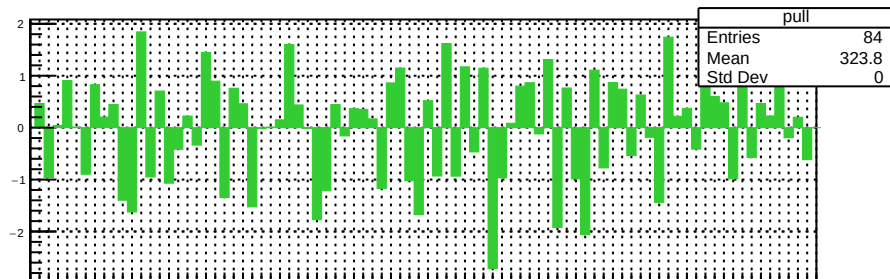
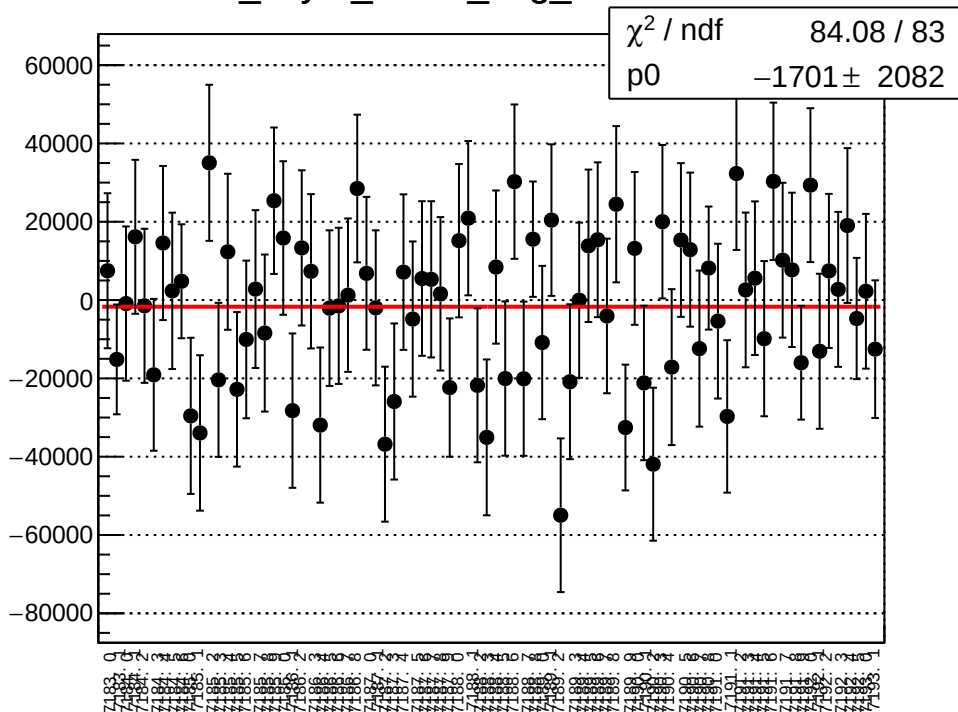
asym_atr1l2_avg_eigen_cor_correction_mean vs run



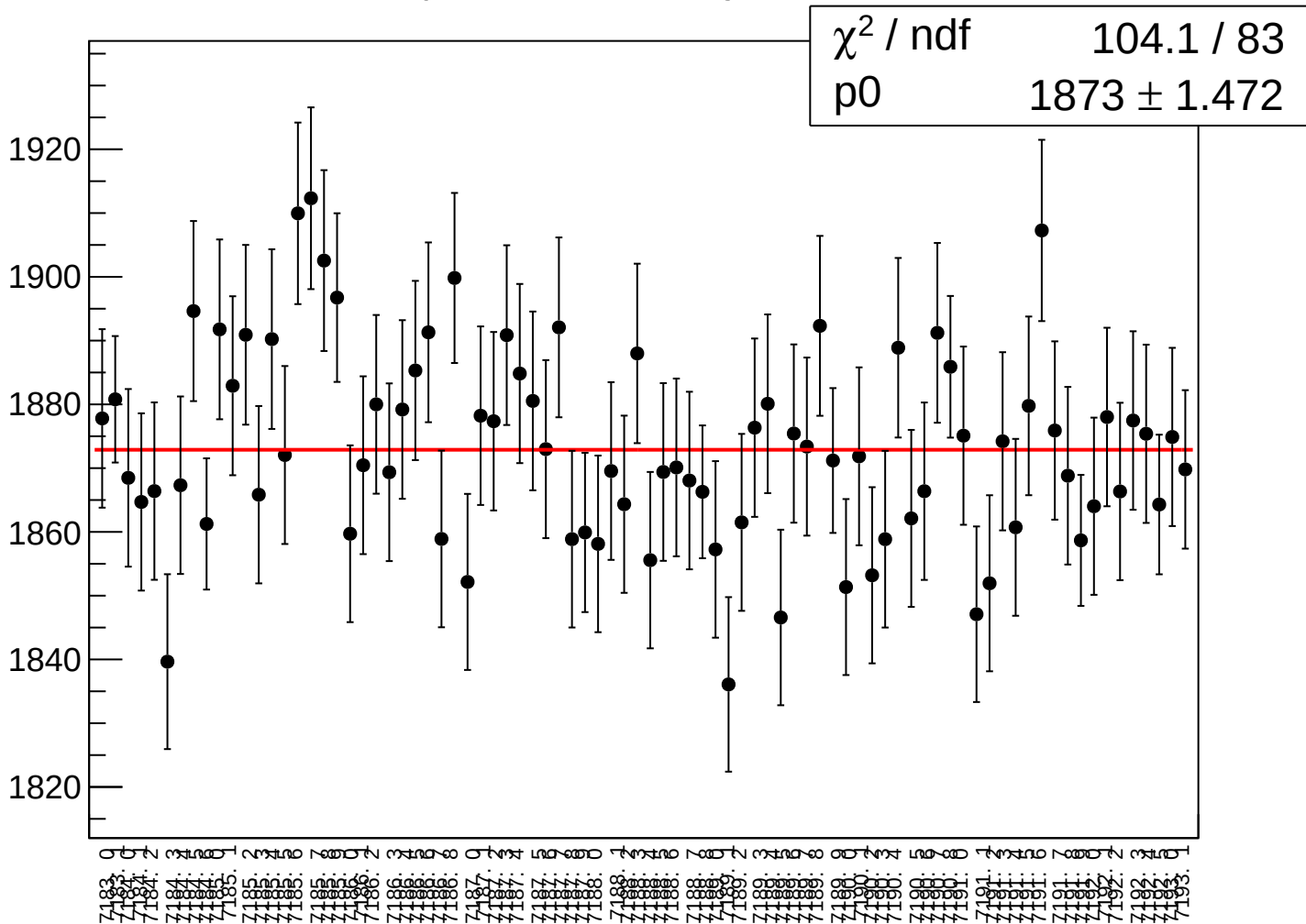
asym_atr1l2_avg_eigen_cor_correction_rms vs run



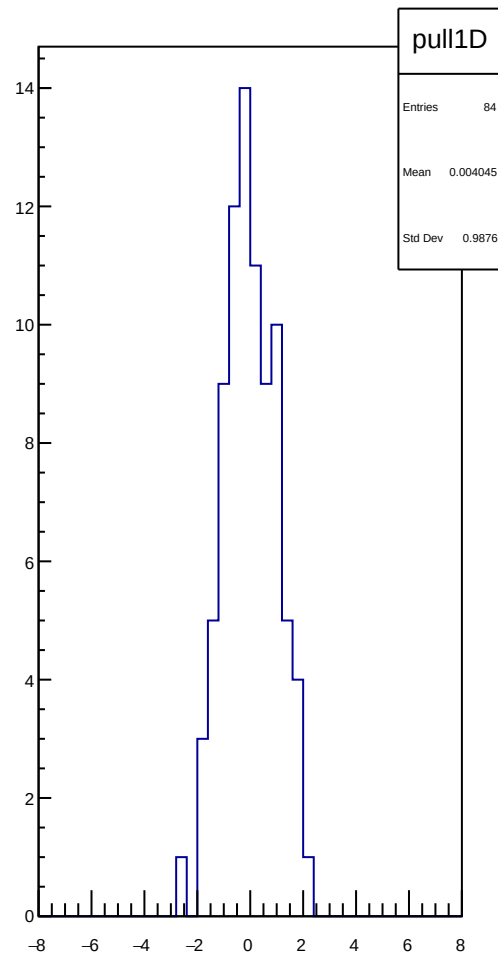
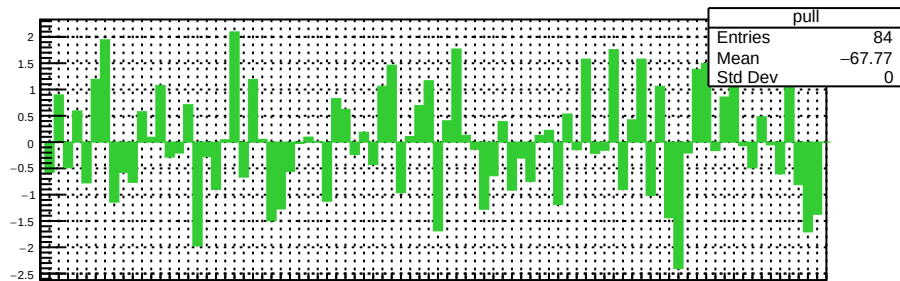
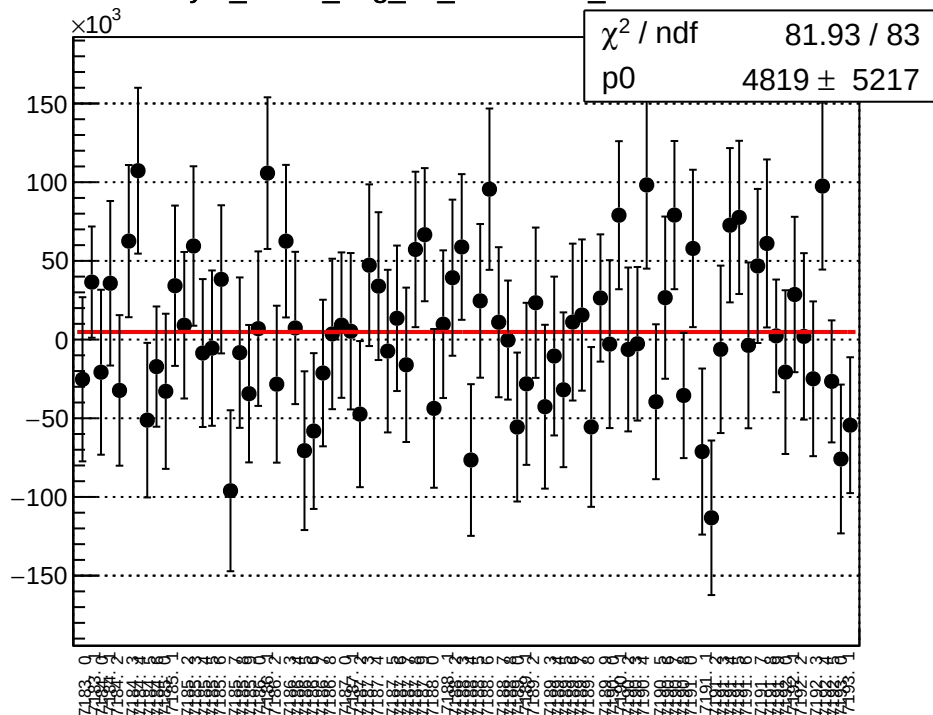
dit_asym_atr1l2_avg_mean vs run



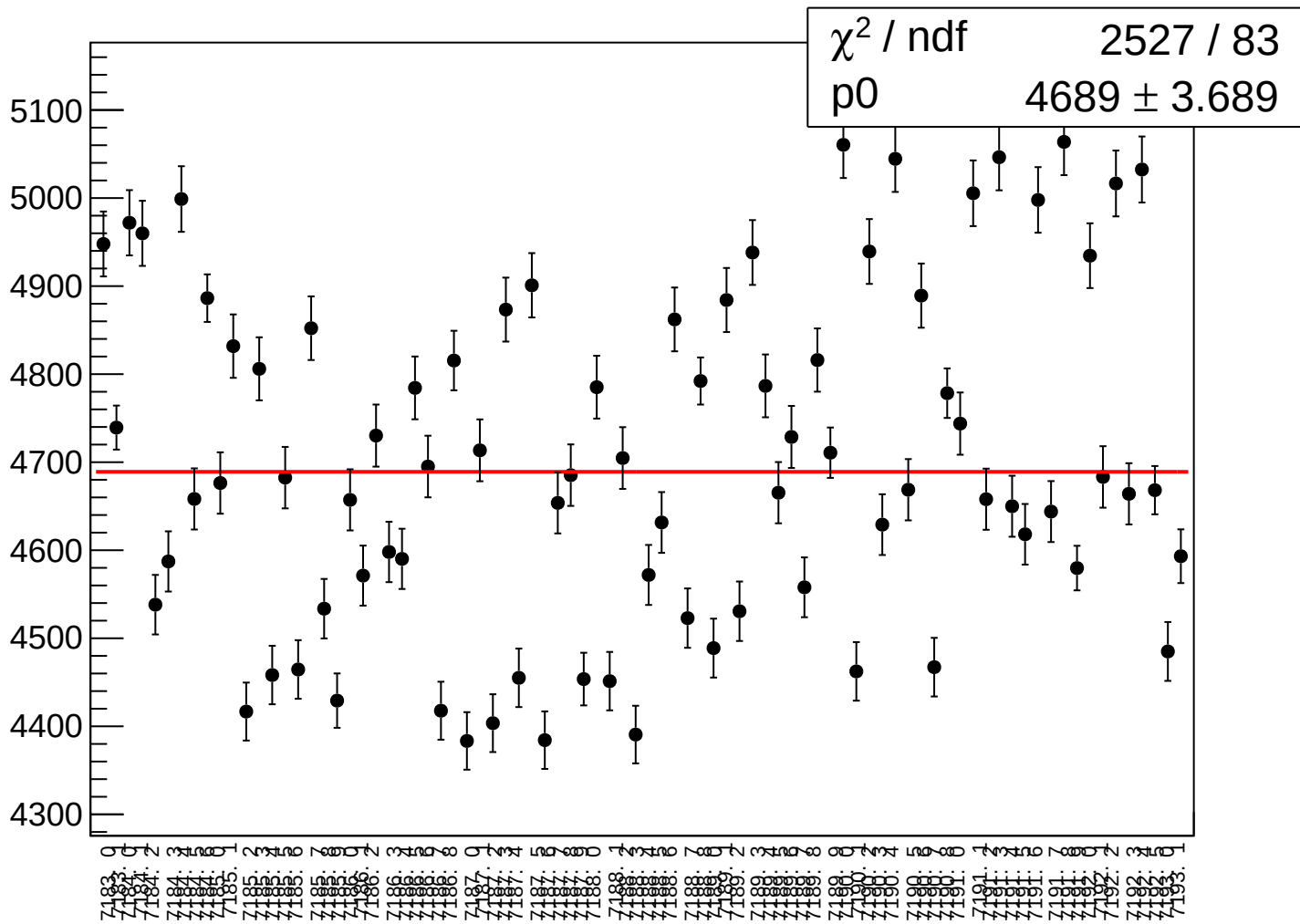
dit_asym_atr1l2_avg_rms vs run



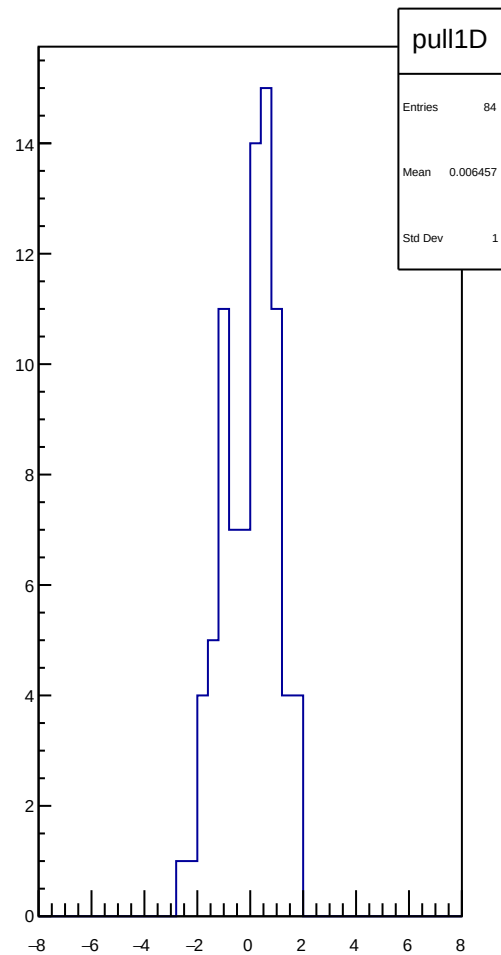
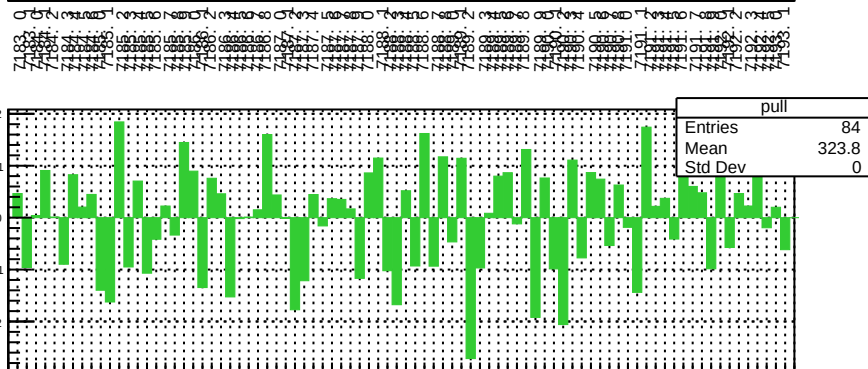
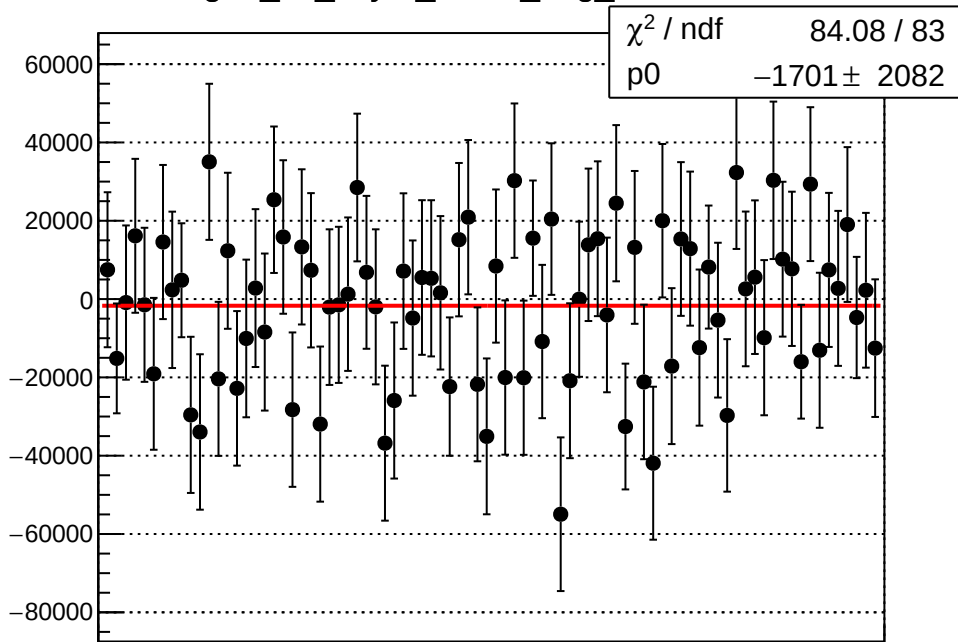
asym_atr1l2_avg_dit_correction_mean vs run



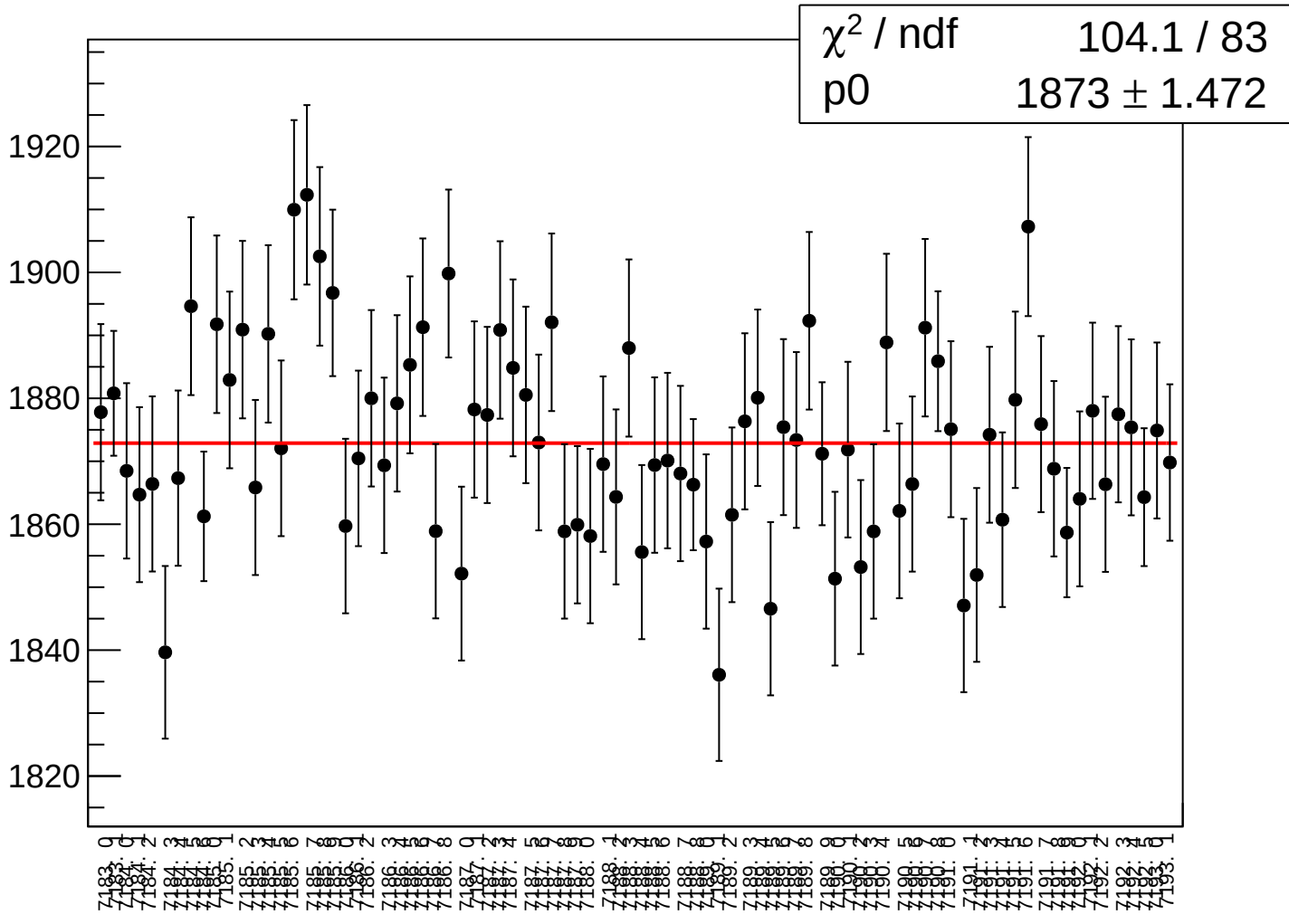
asym_atr1l2_avg_dit_correction_rms vs run



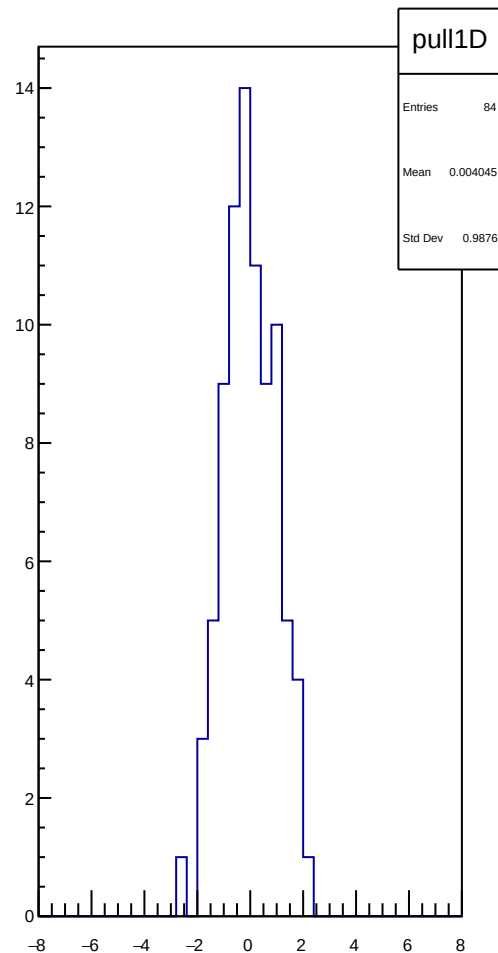
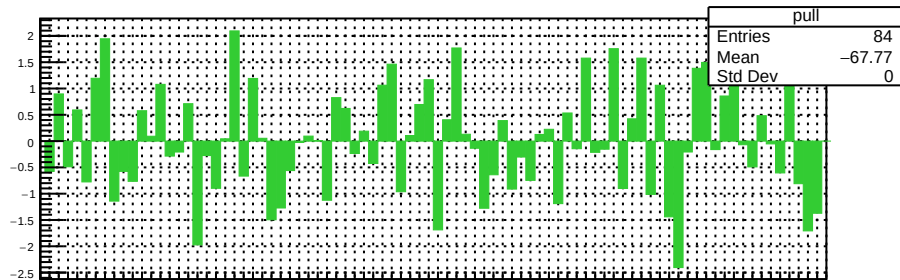
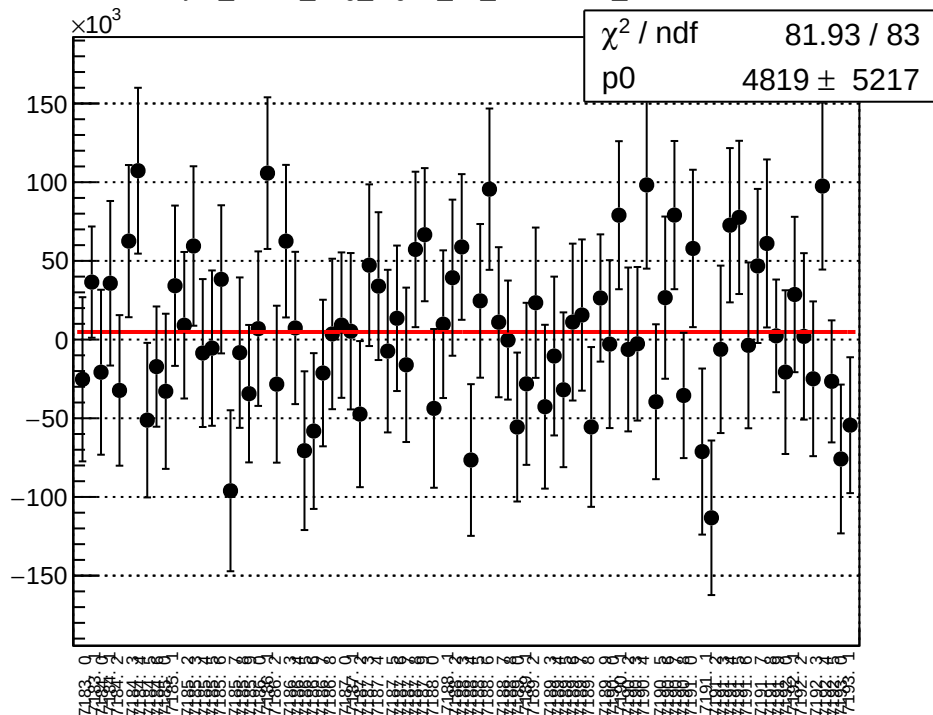
eigen_dit_asym_atr1l2_avg_mean vs run



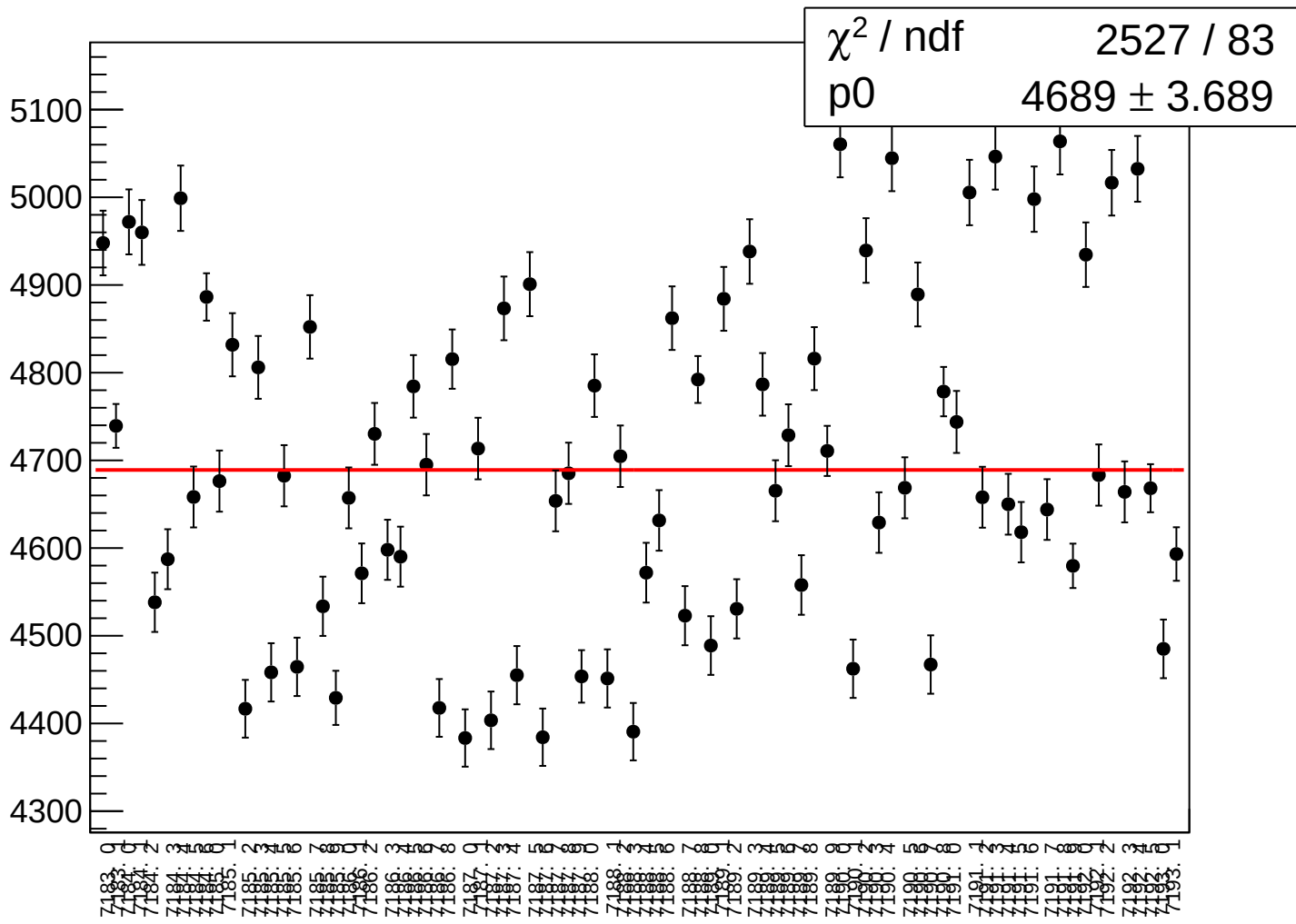
eigen_dit_asym_atr1l2_avg_rms vs run



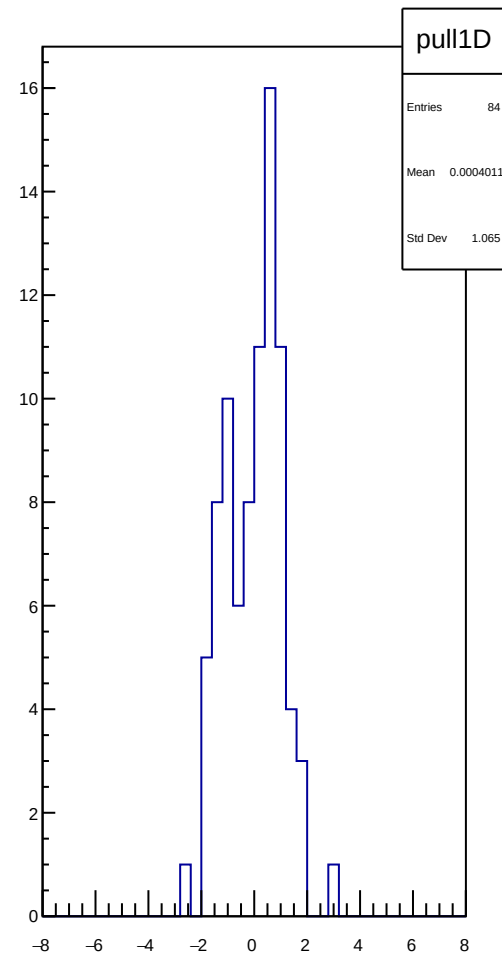
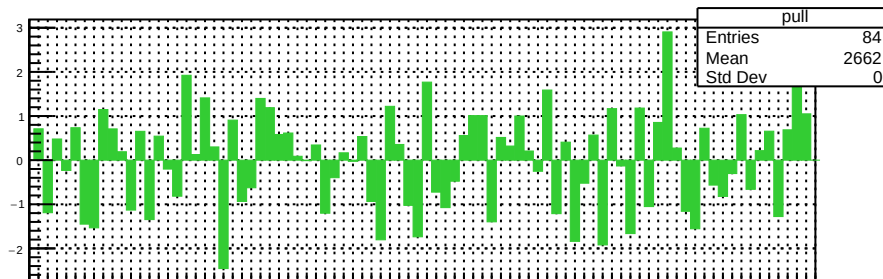
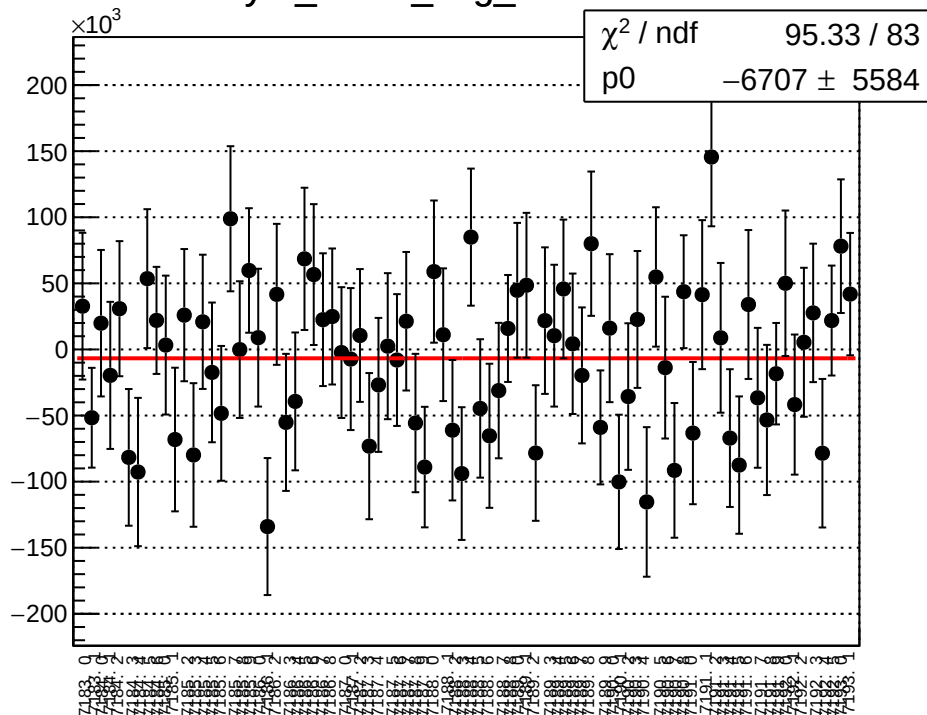
asym_atr1l2_avg_eigen_dit_correction_mean vs run



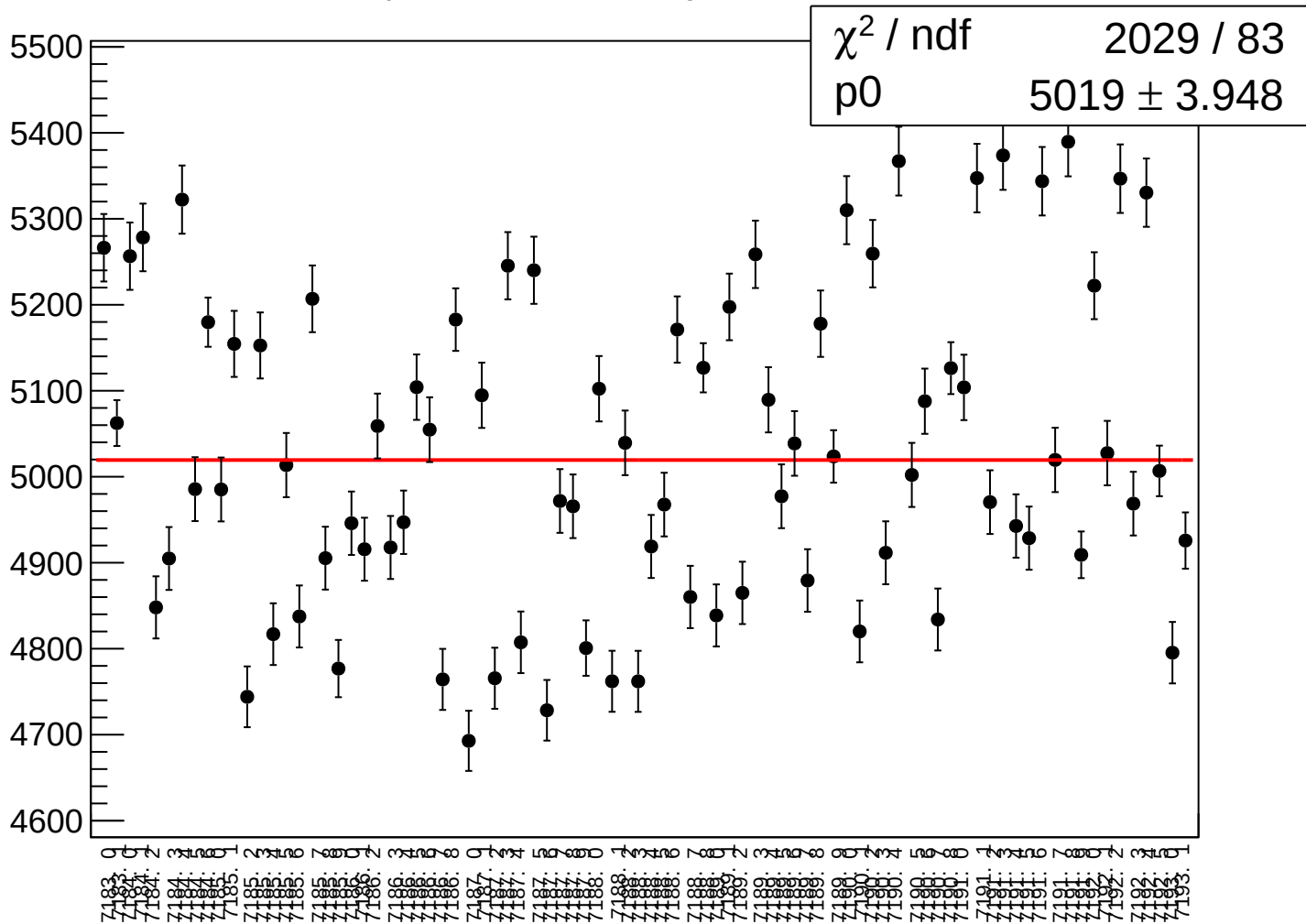
asym_atr1l2_avg_eigen_dit_correction_rms vs run



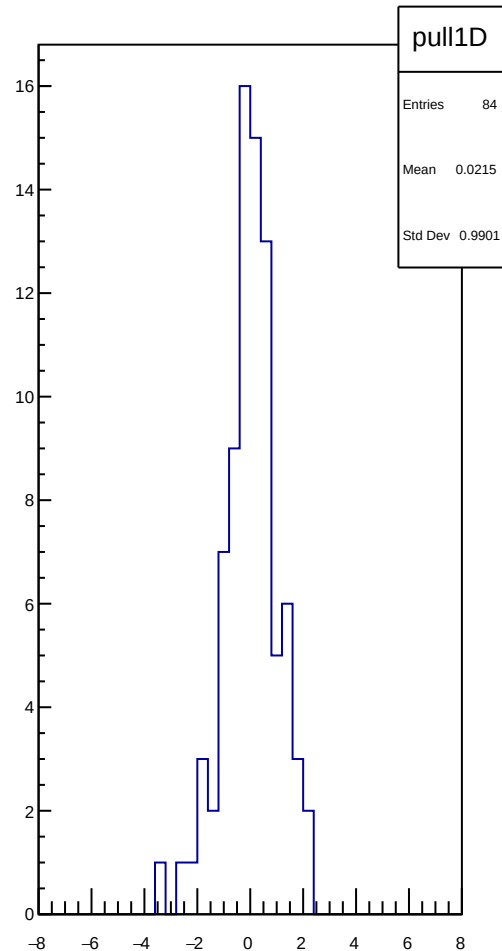
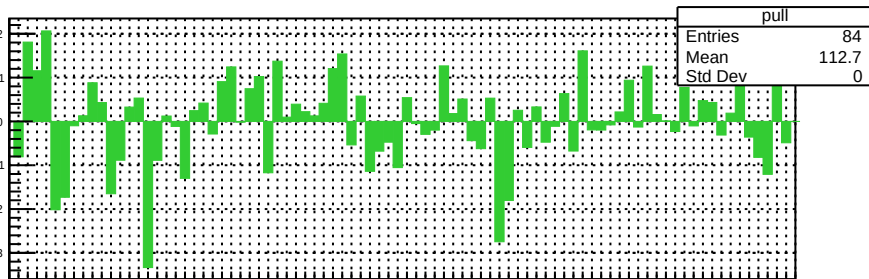
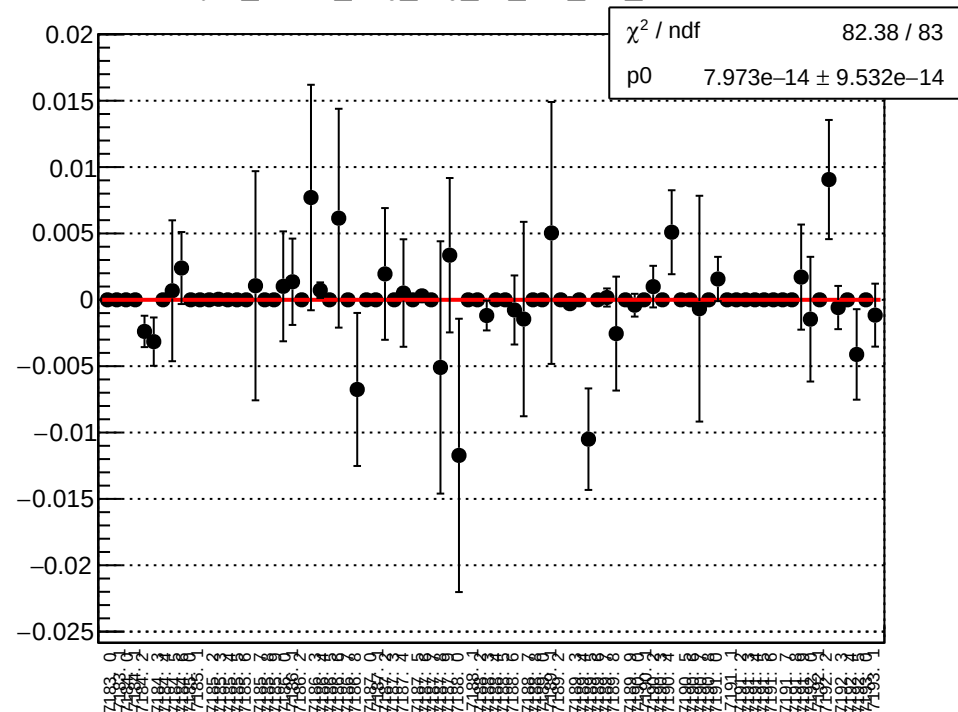
asym_atr1l2_avg_mean vs run



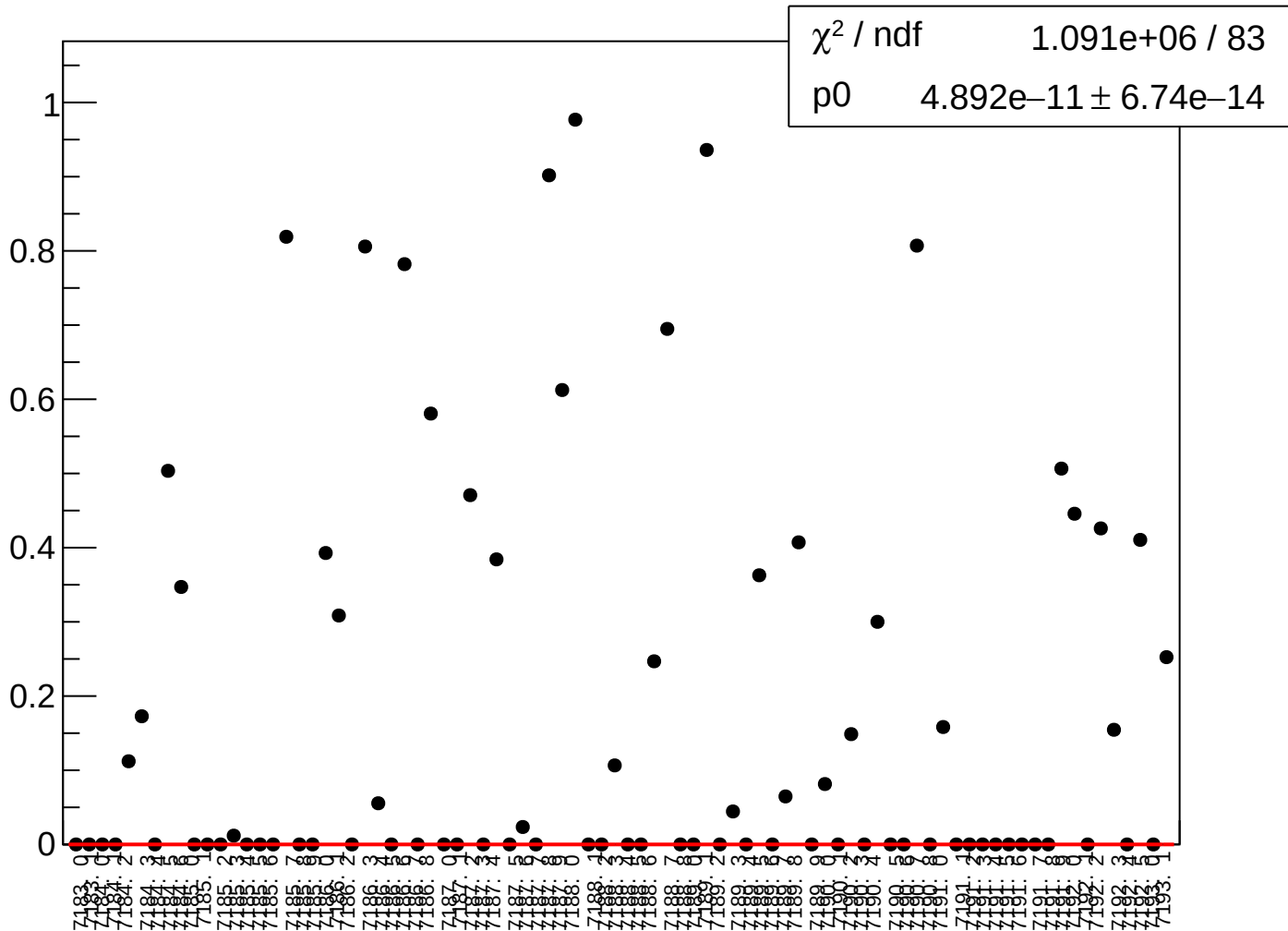
asym_atr1l2_avg_rms vs run



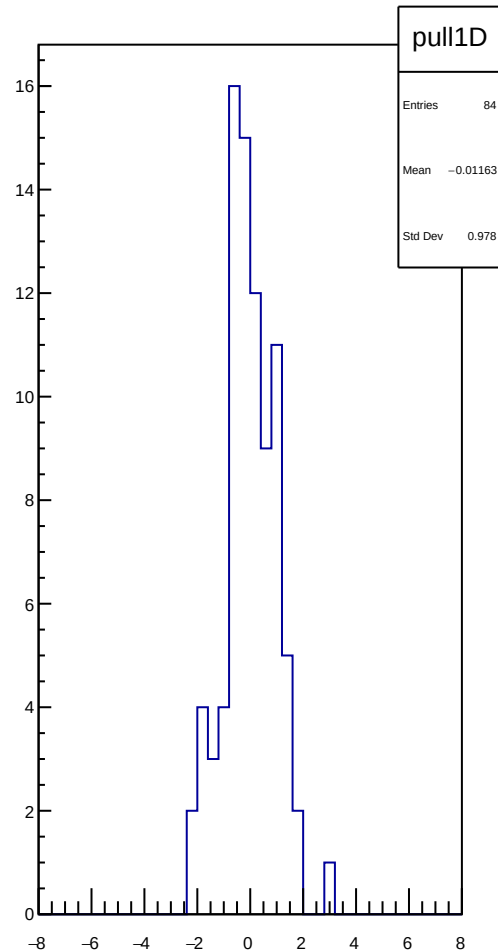
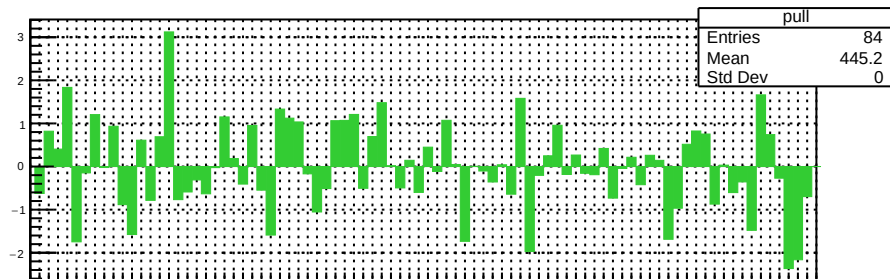
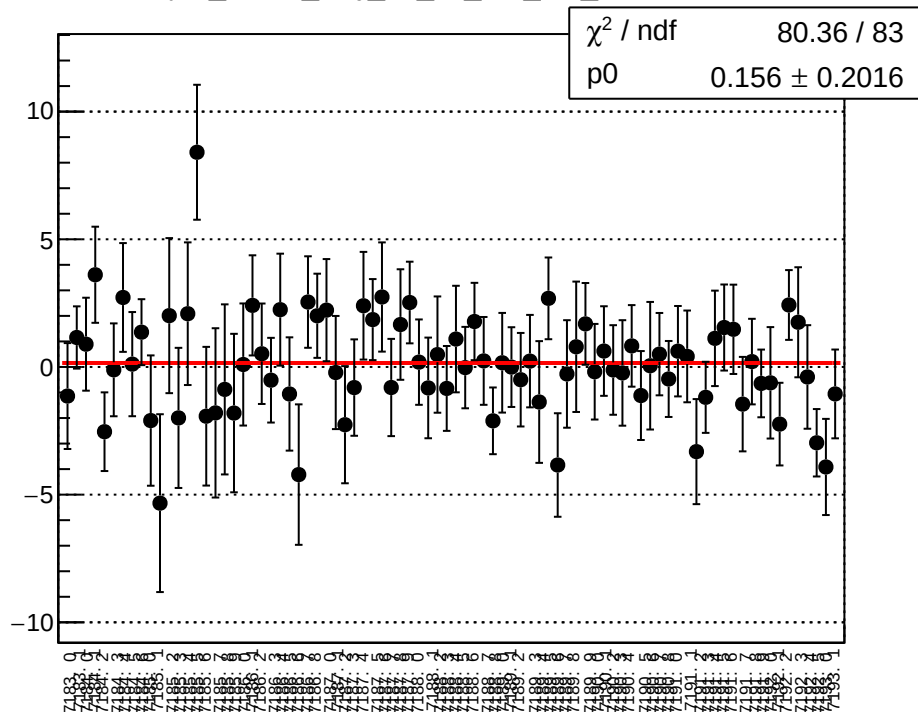
asym_atr1l2_avg_reg_vs_cor_diff_mean vs run



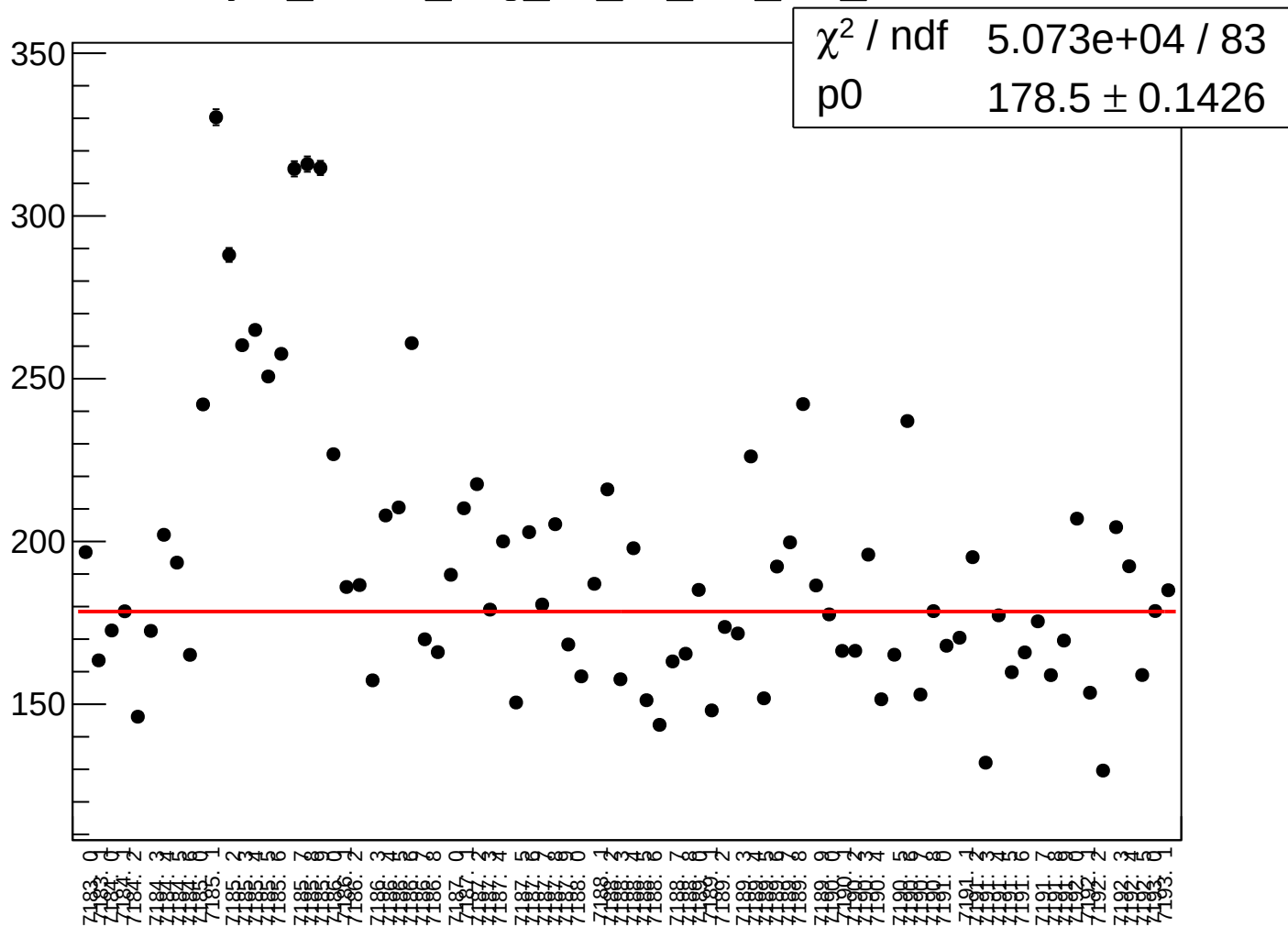
asym_atr1l2_avg_reg_vs_cor_diff_rms vs run



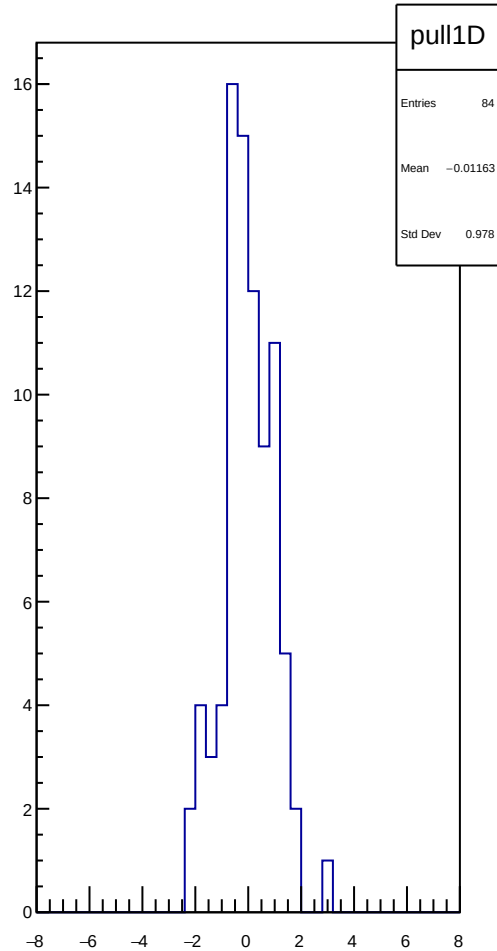
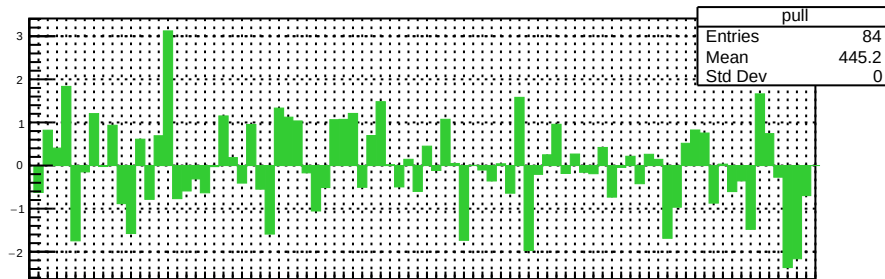
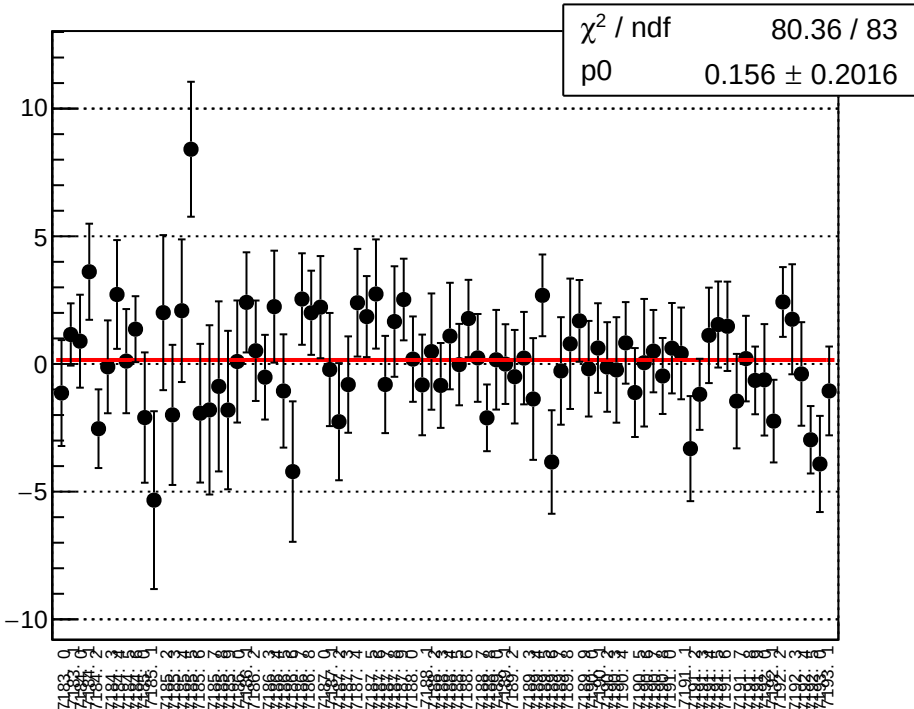
asym_atr1l2_avg_dit_vs_cor_diff_mean vs run



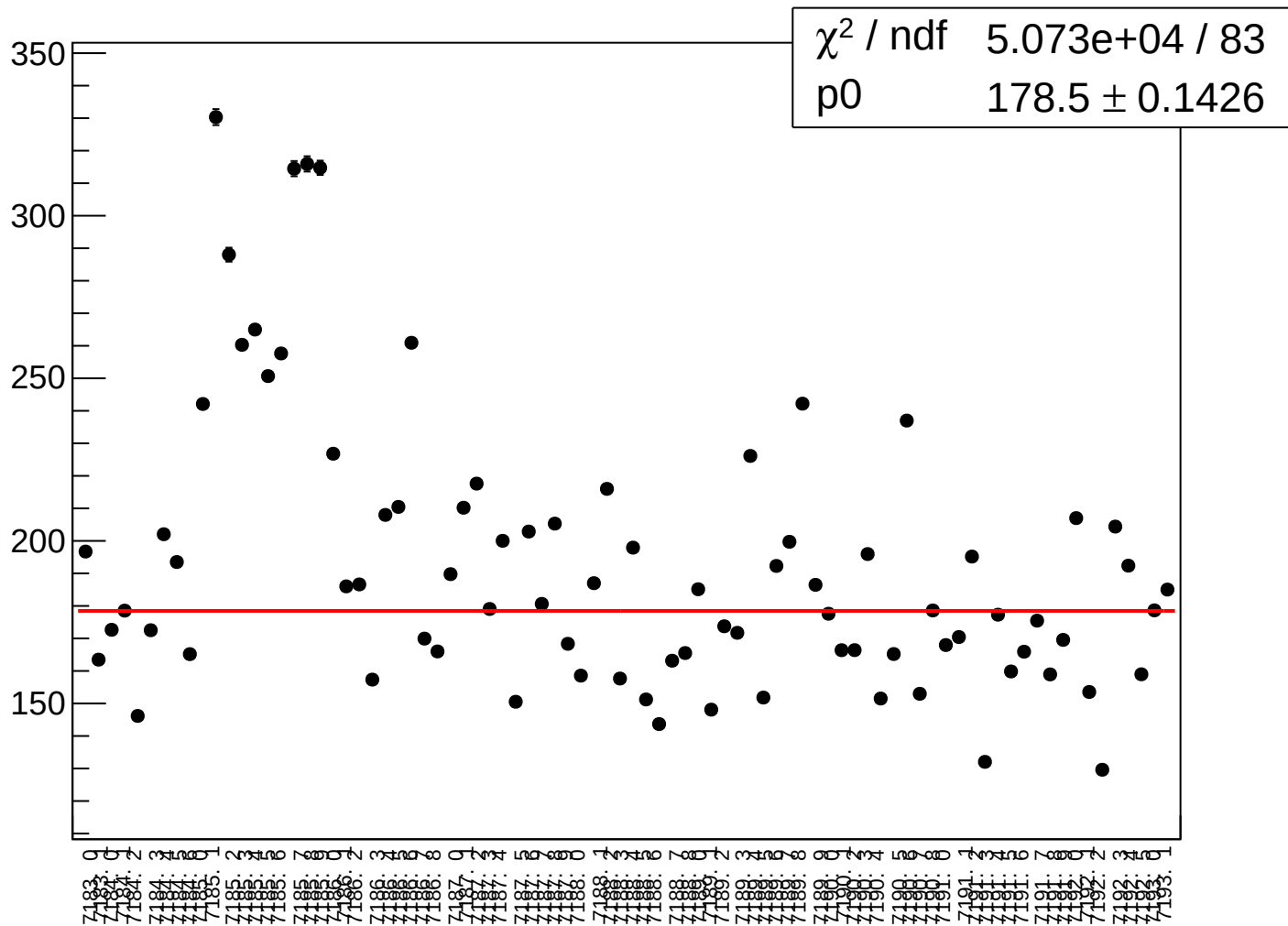
asym_atr1l2_avg_dit_vs_cor_diff_rms vs run



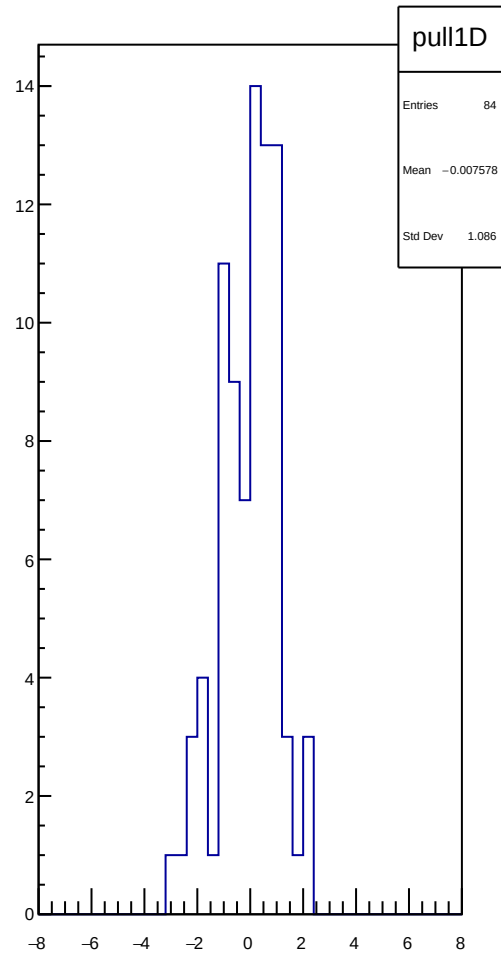
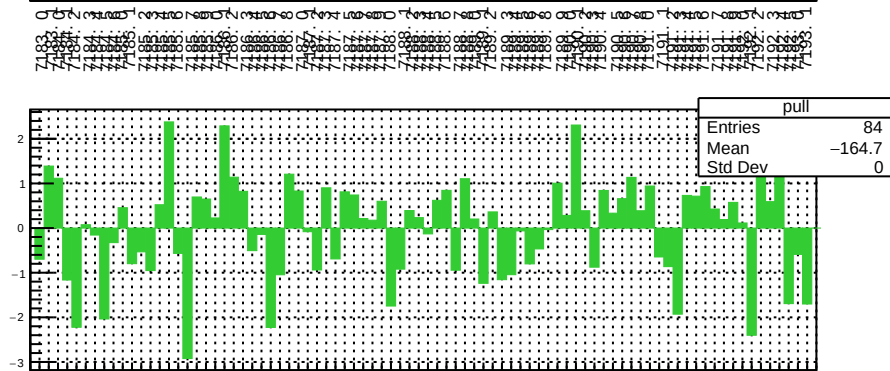
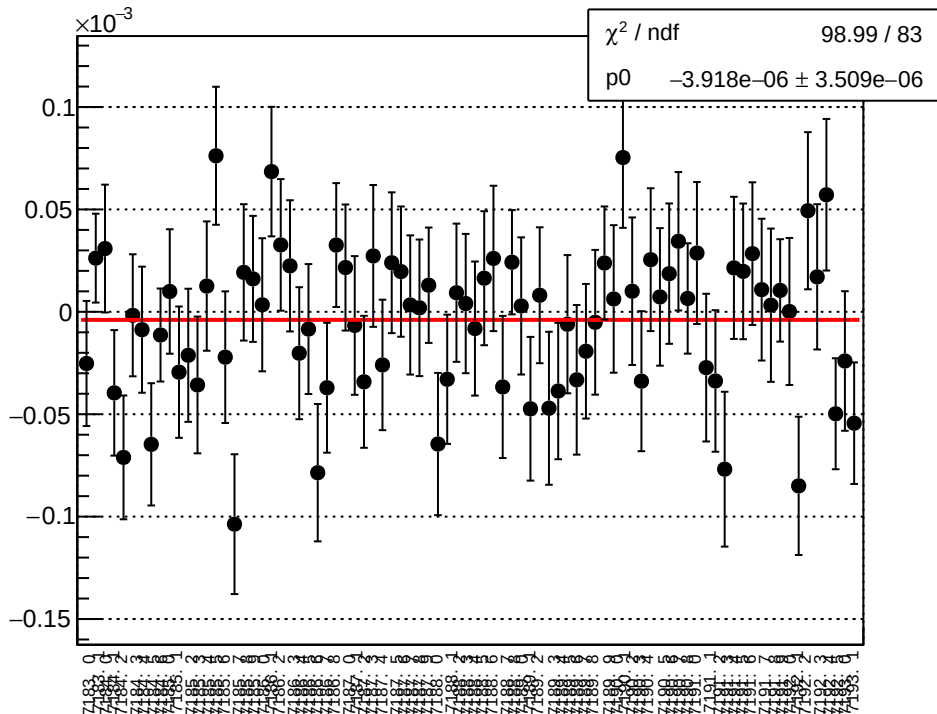
asym atr1|2 avg dit vs eigen cor diff mean vs run



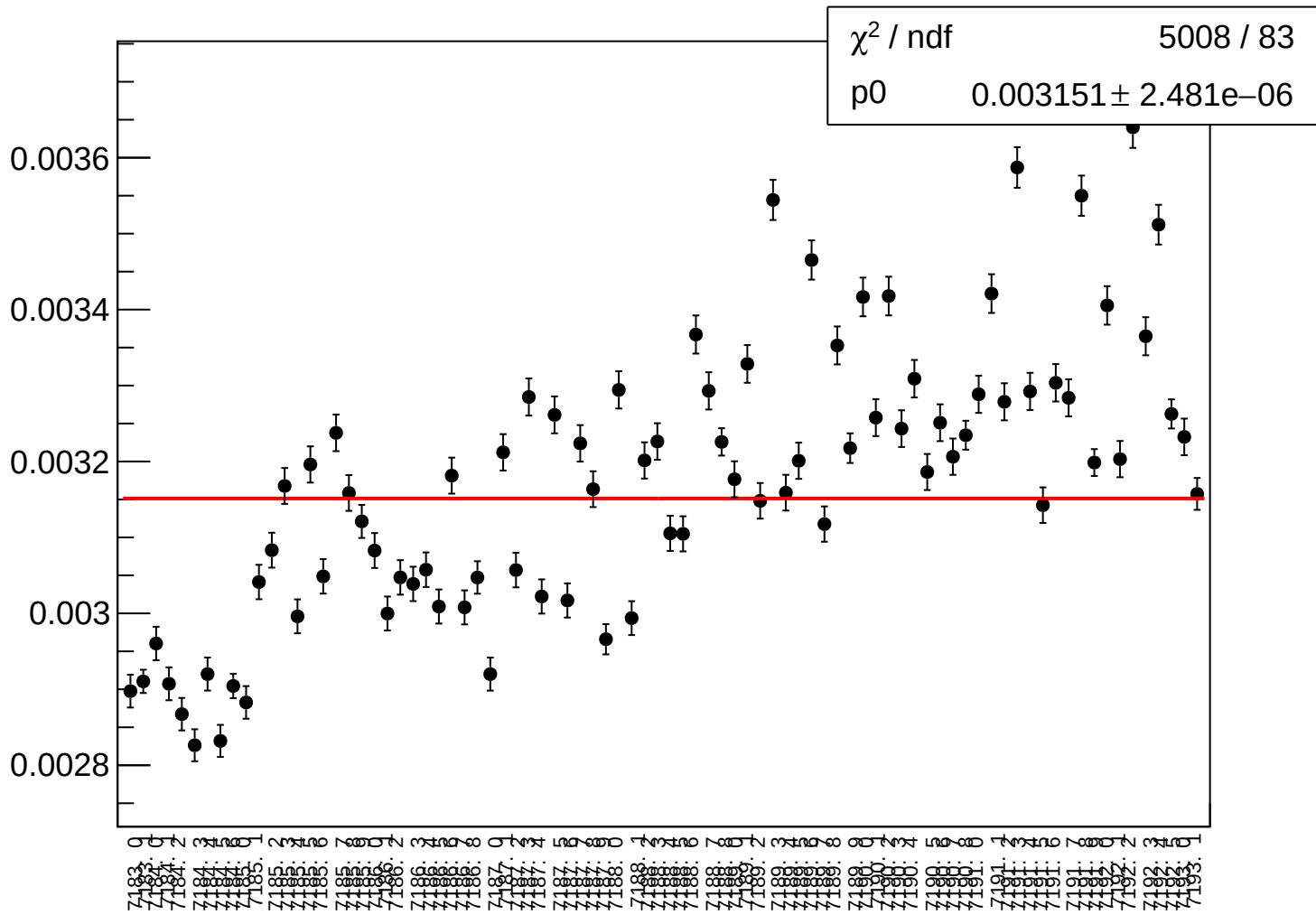
asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs run



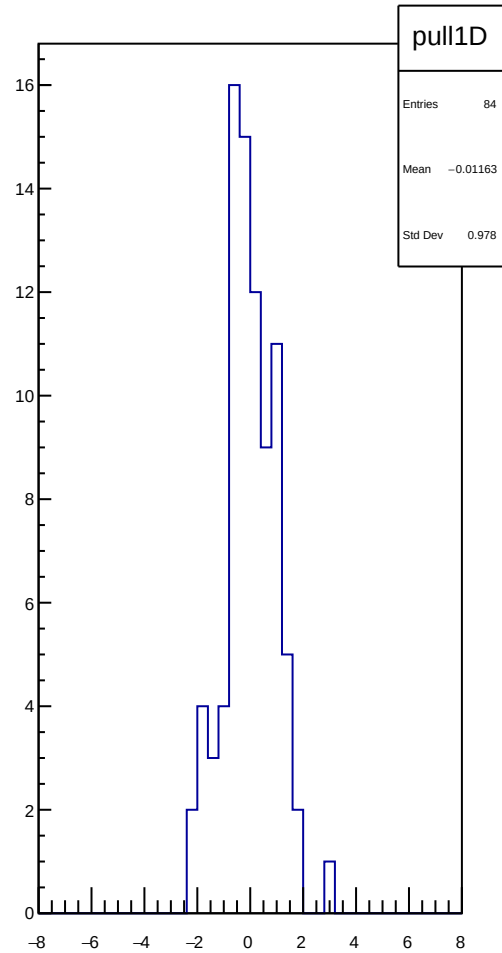
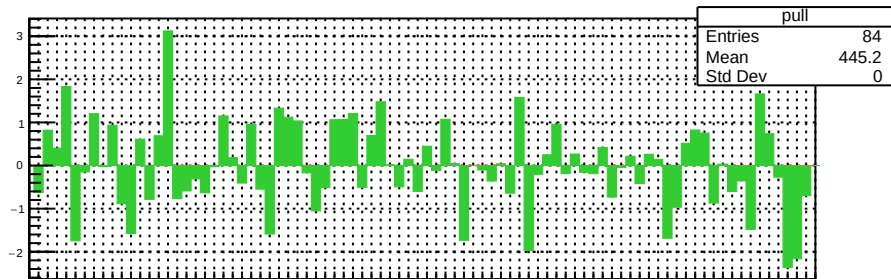
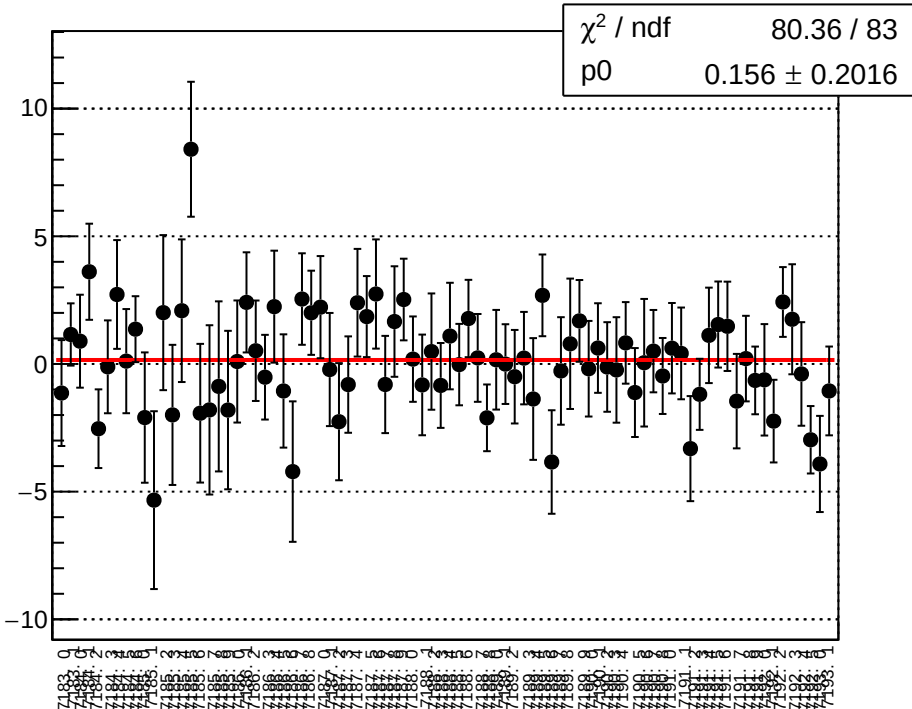
asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs run



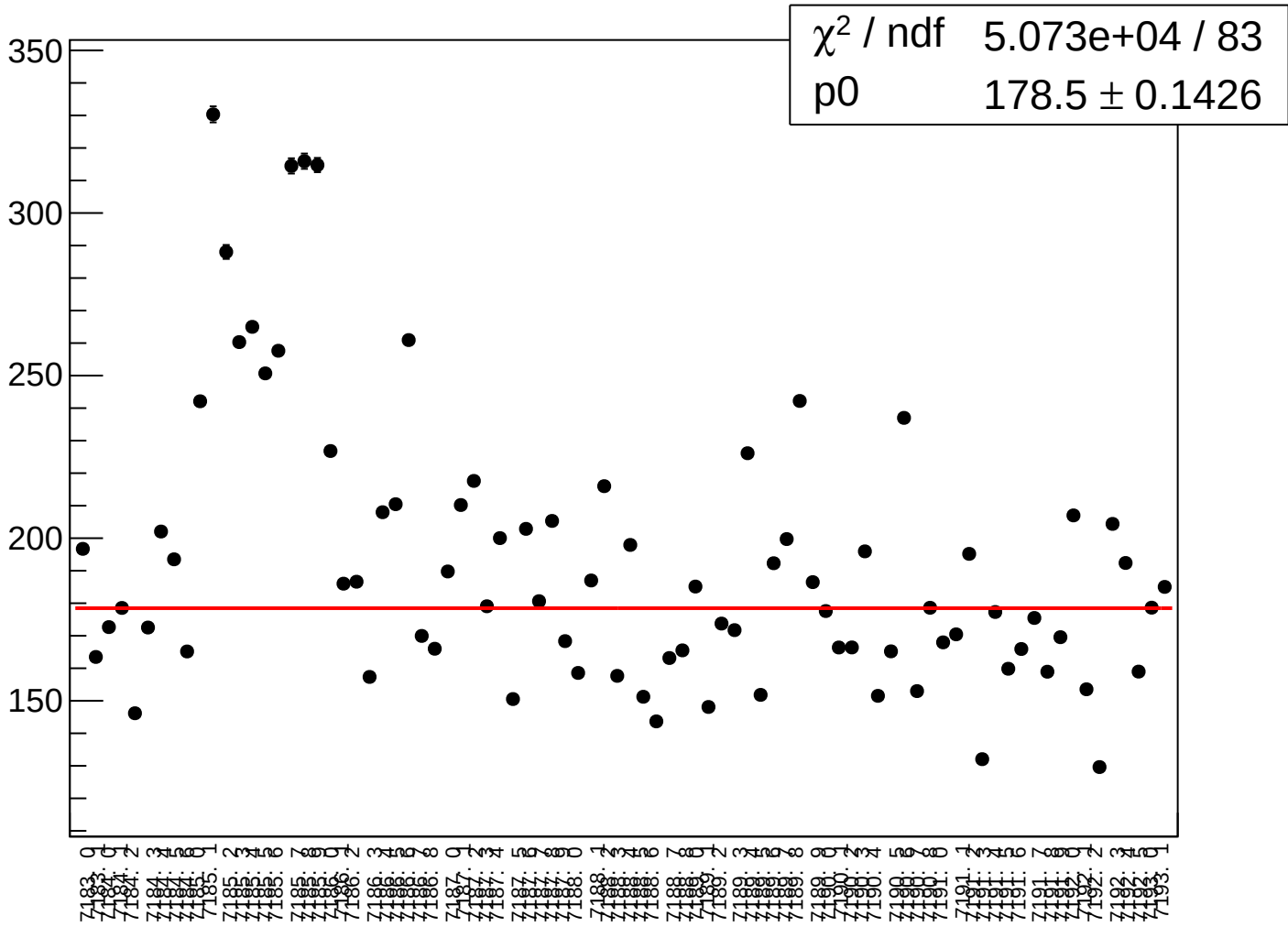
asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs run



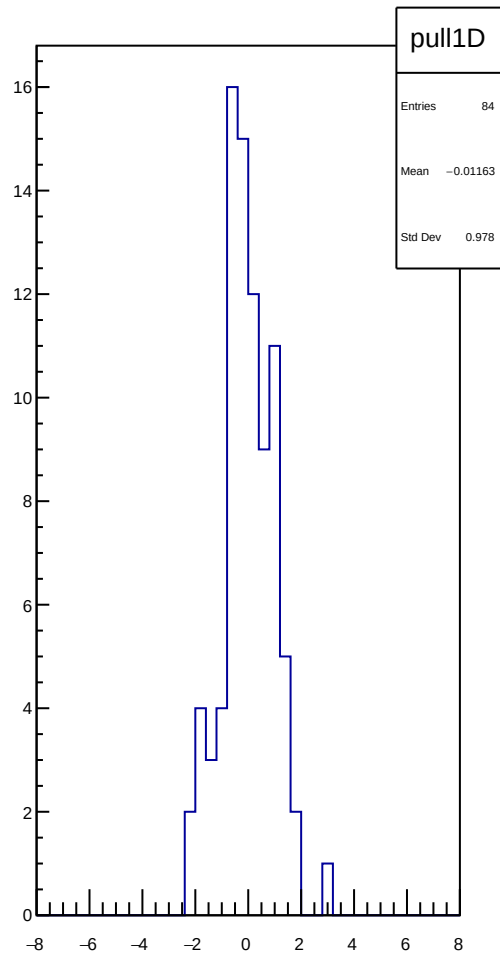
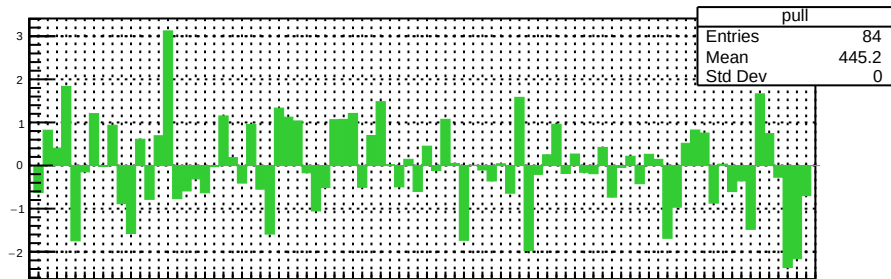
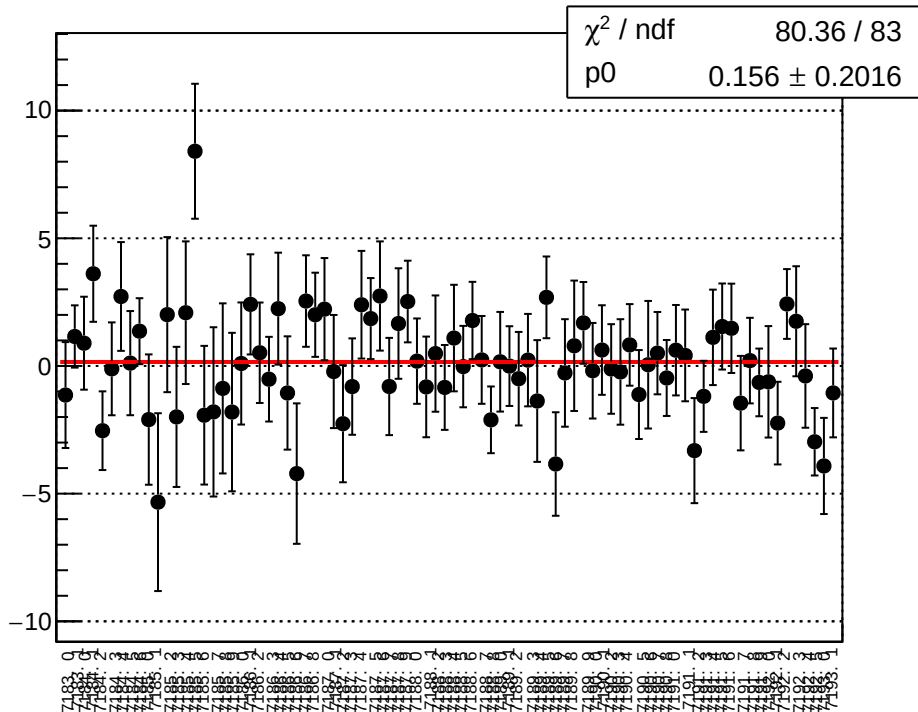
asym atr1|2 avg eigen dit vs cor diff mean vs run



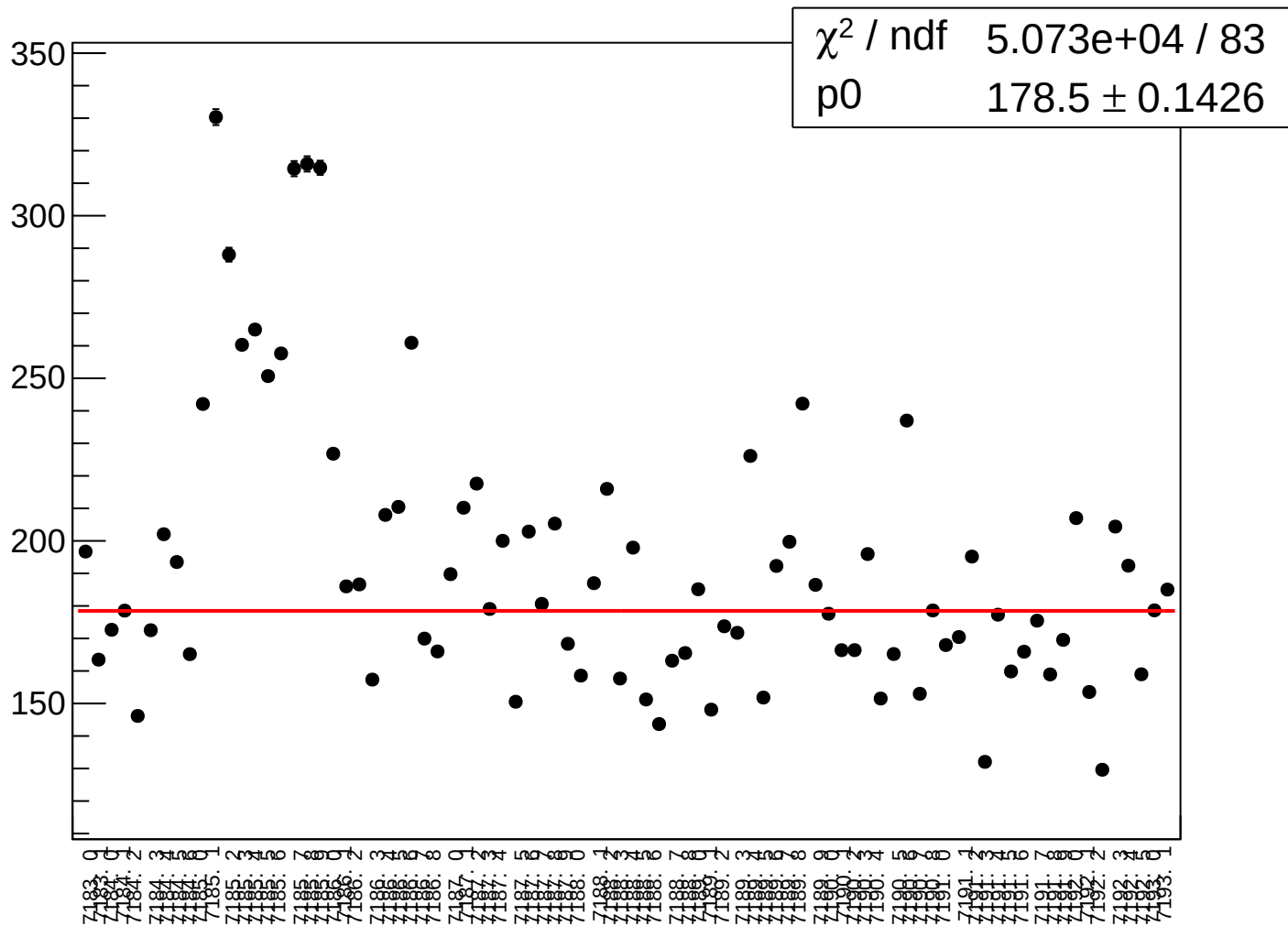
asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs run



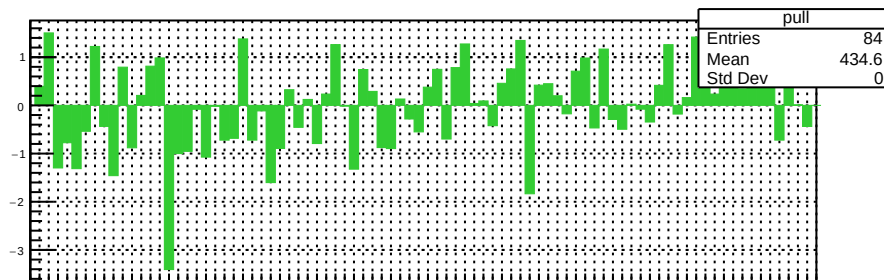
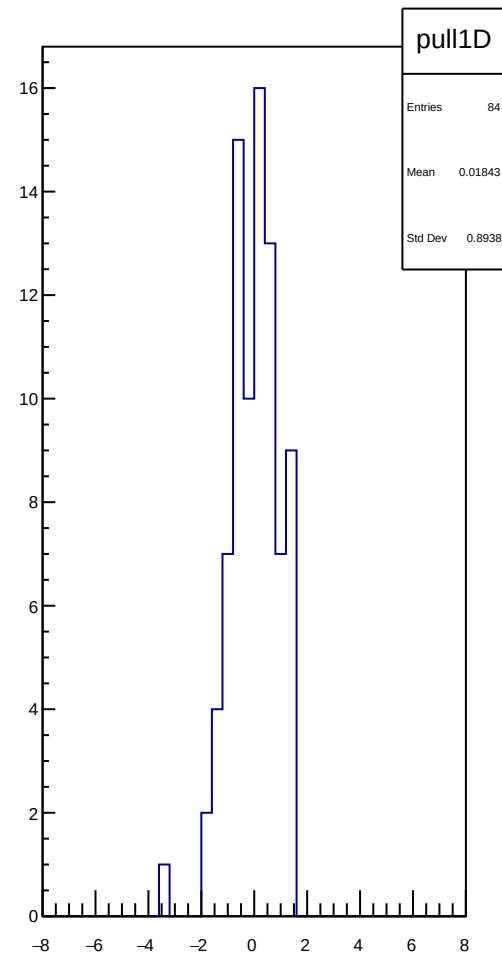
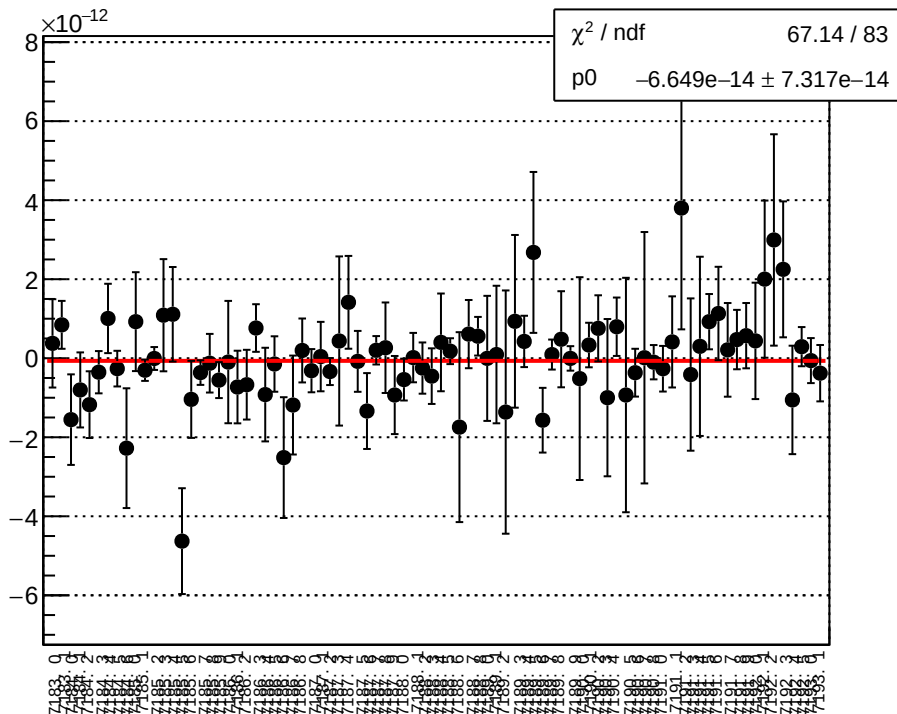
asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



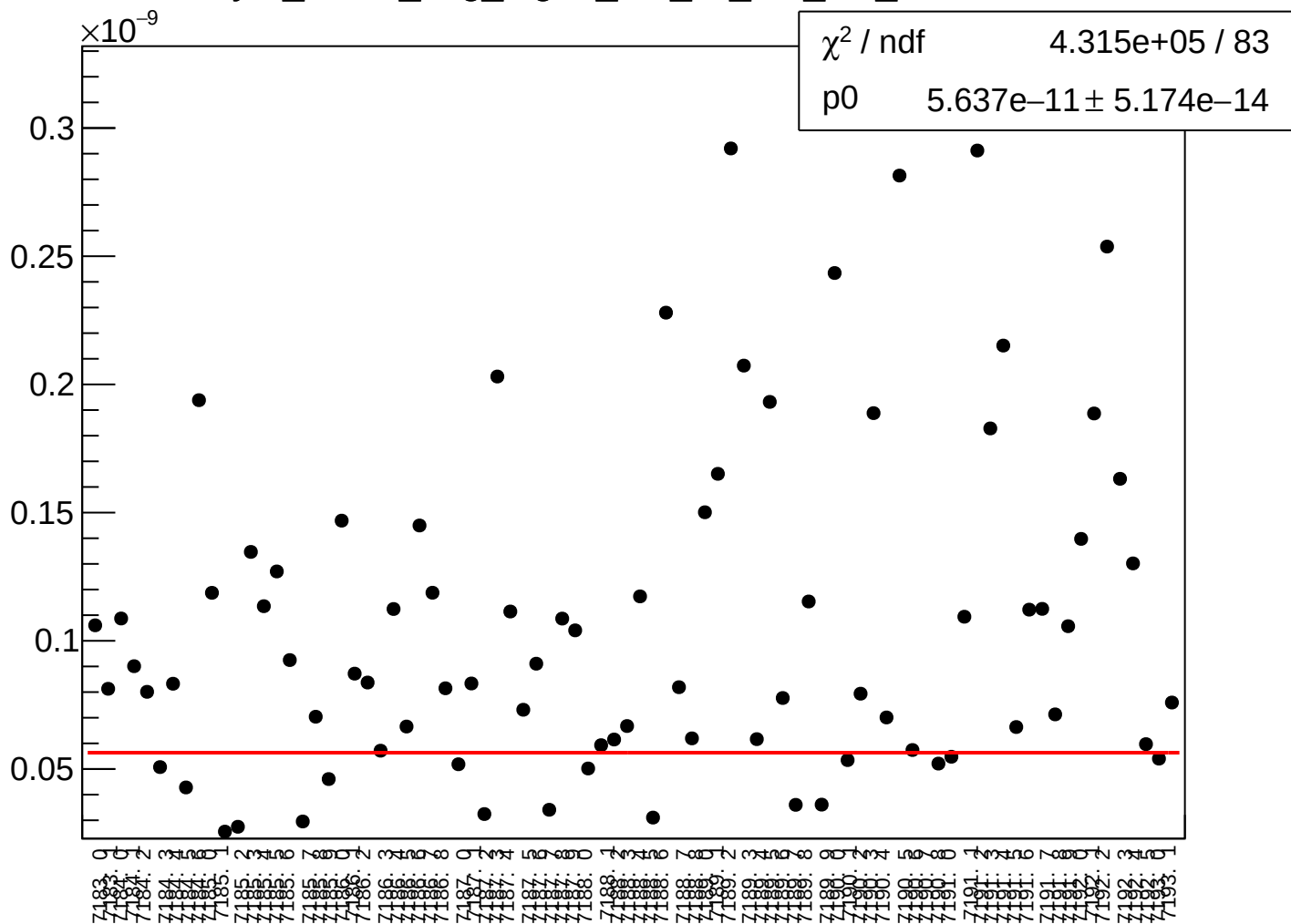
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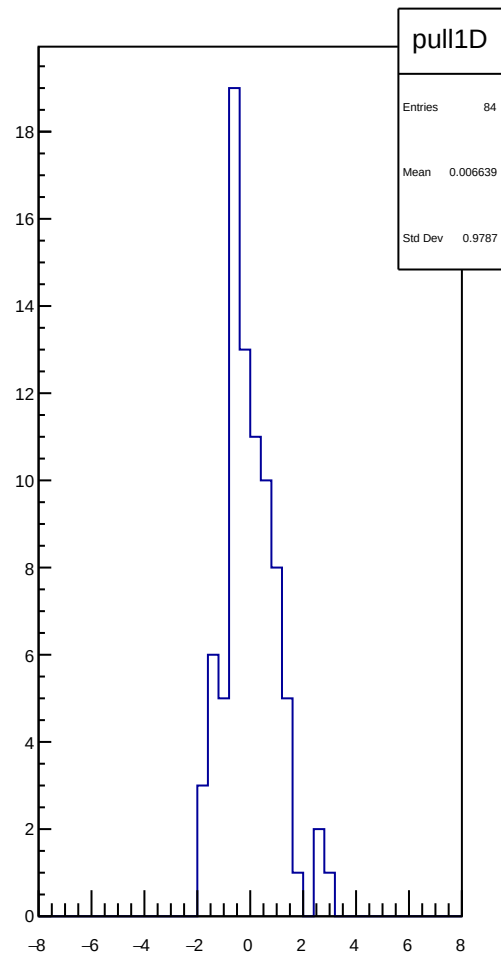
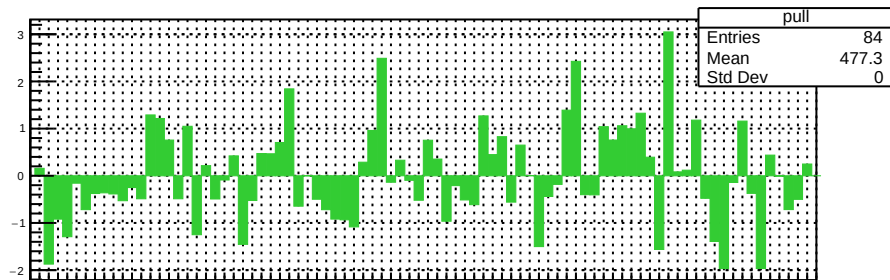
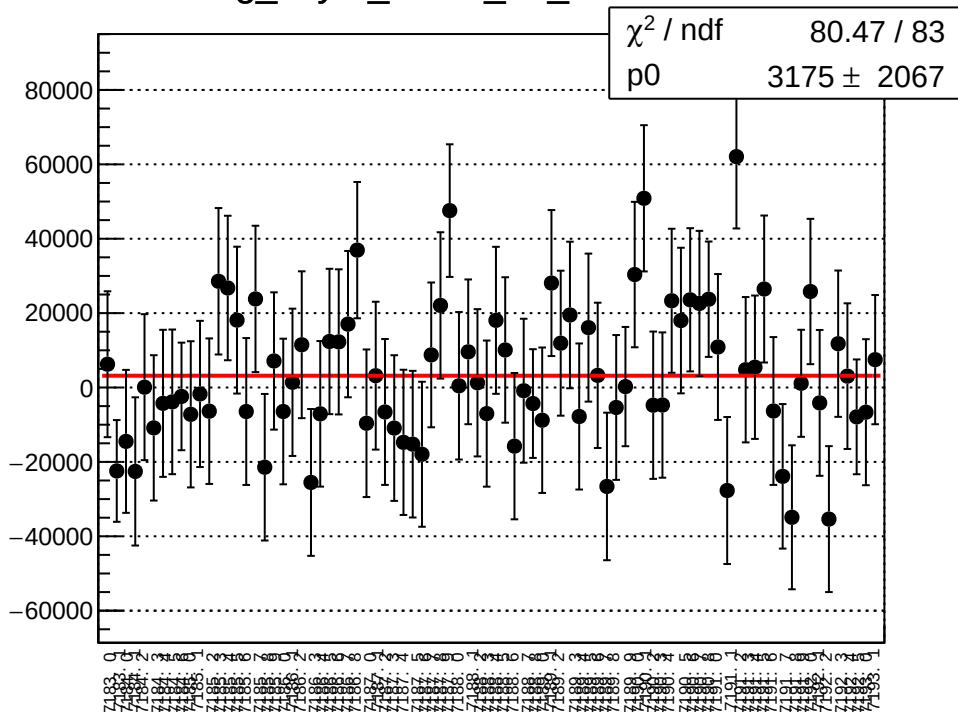
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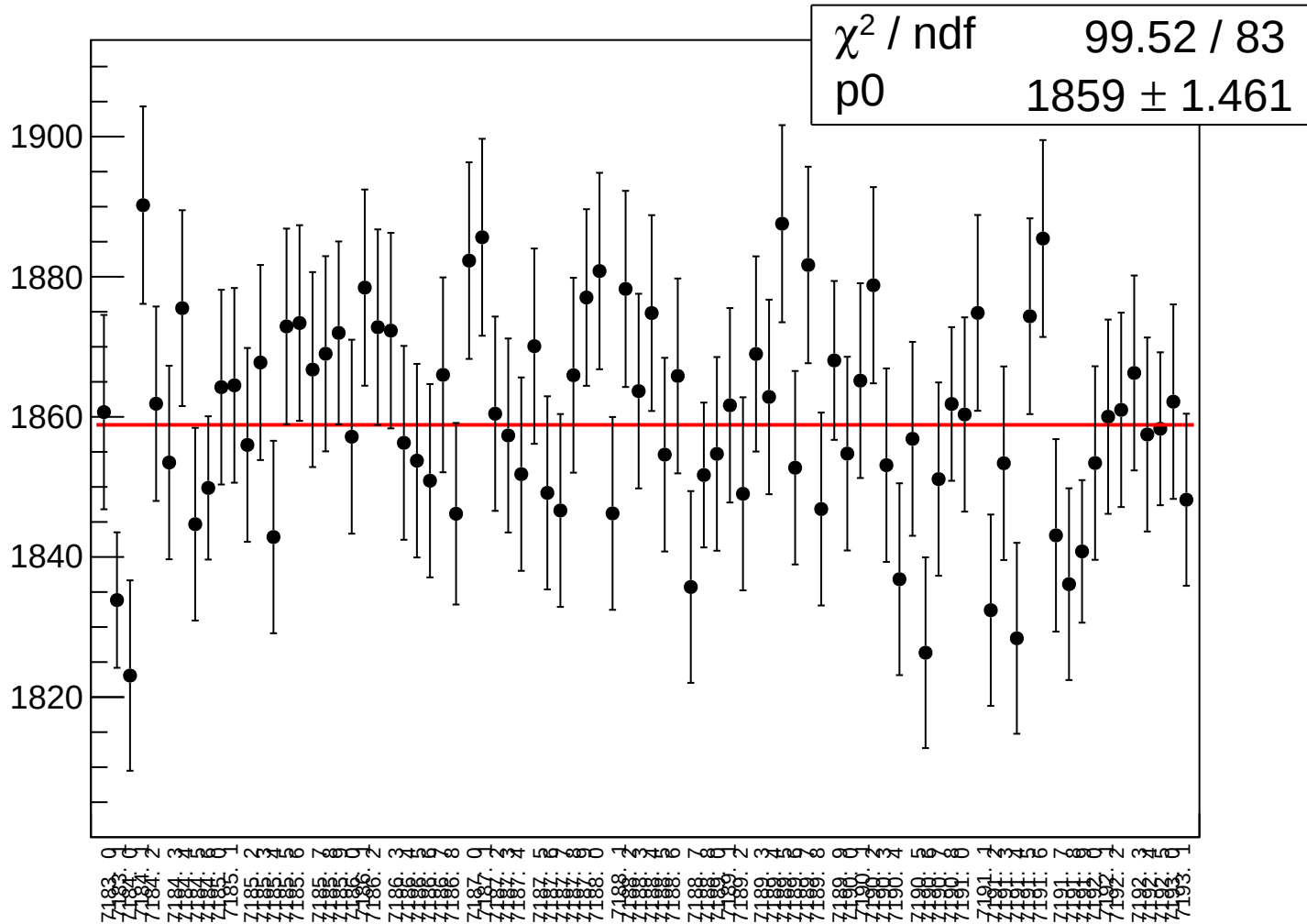
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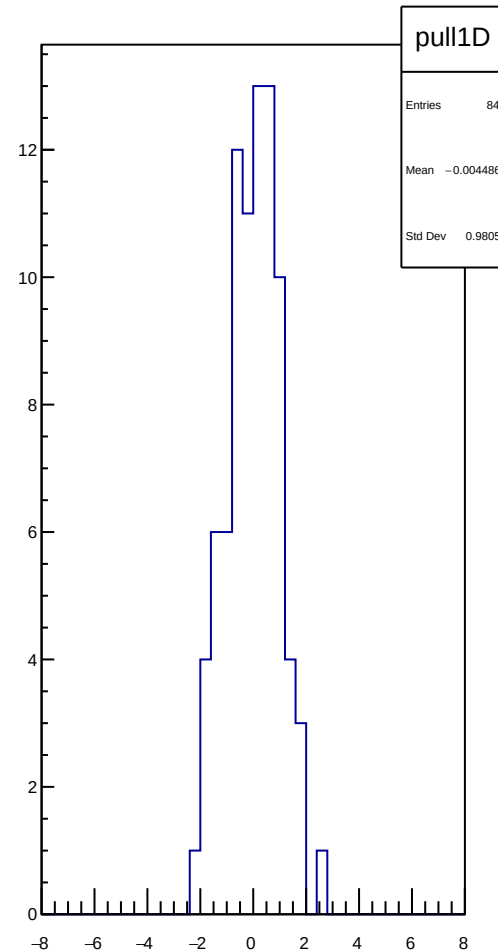
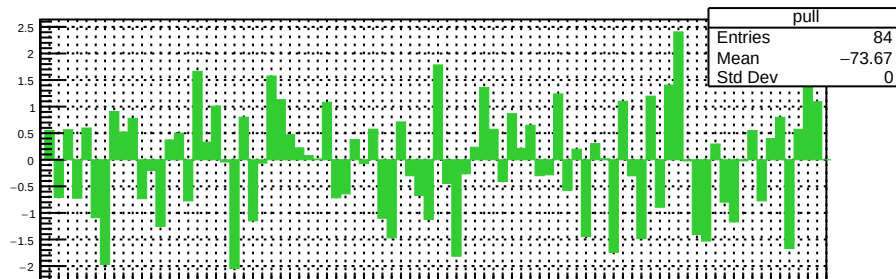
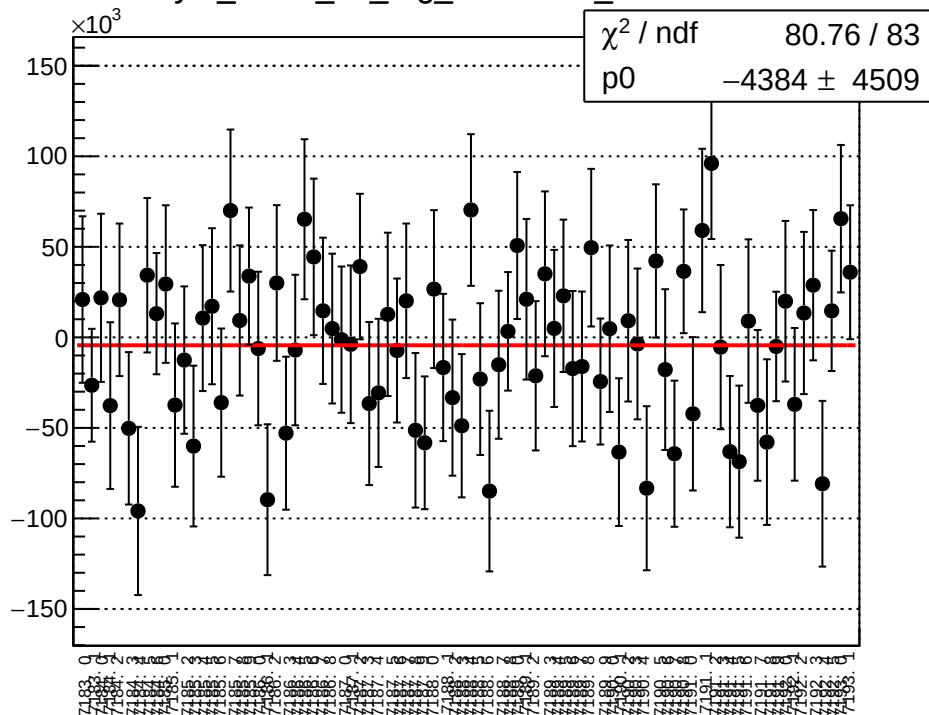
reg_asym_atr1l2_dd_mean vs run



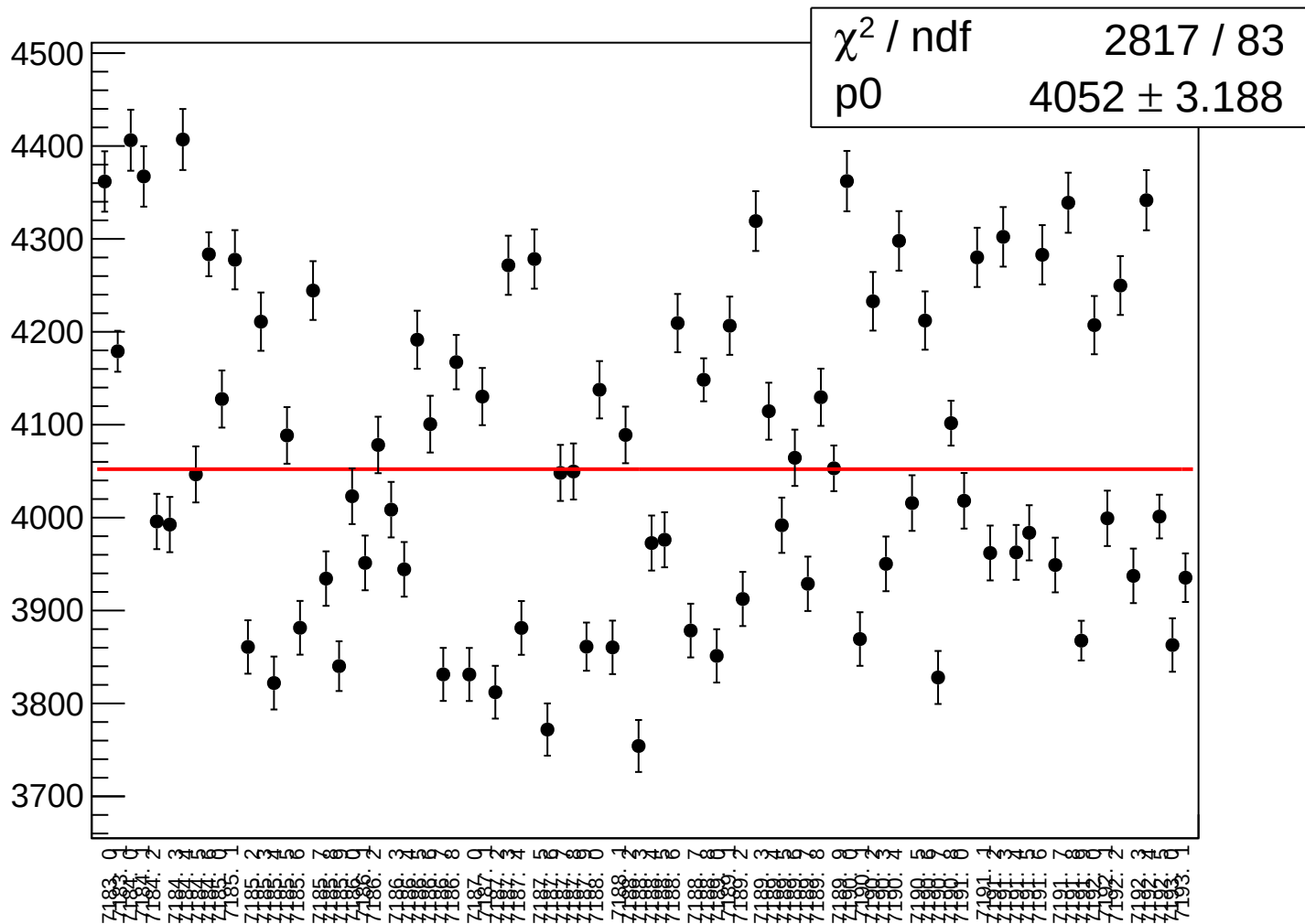
reg_asym_atr1l2_dd_rms vs run



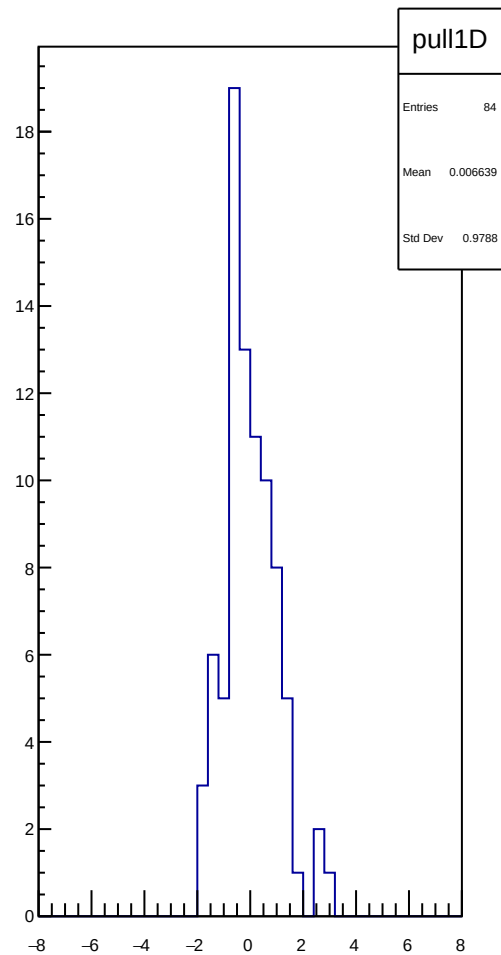
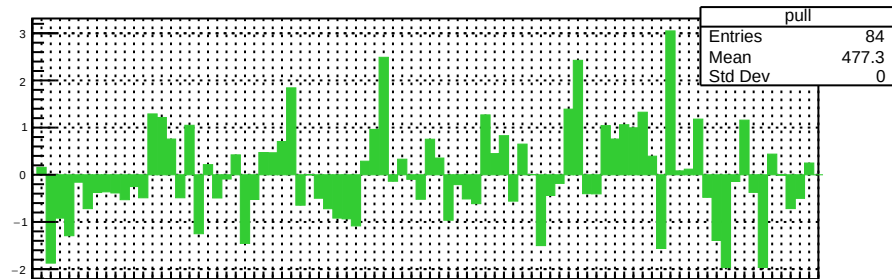
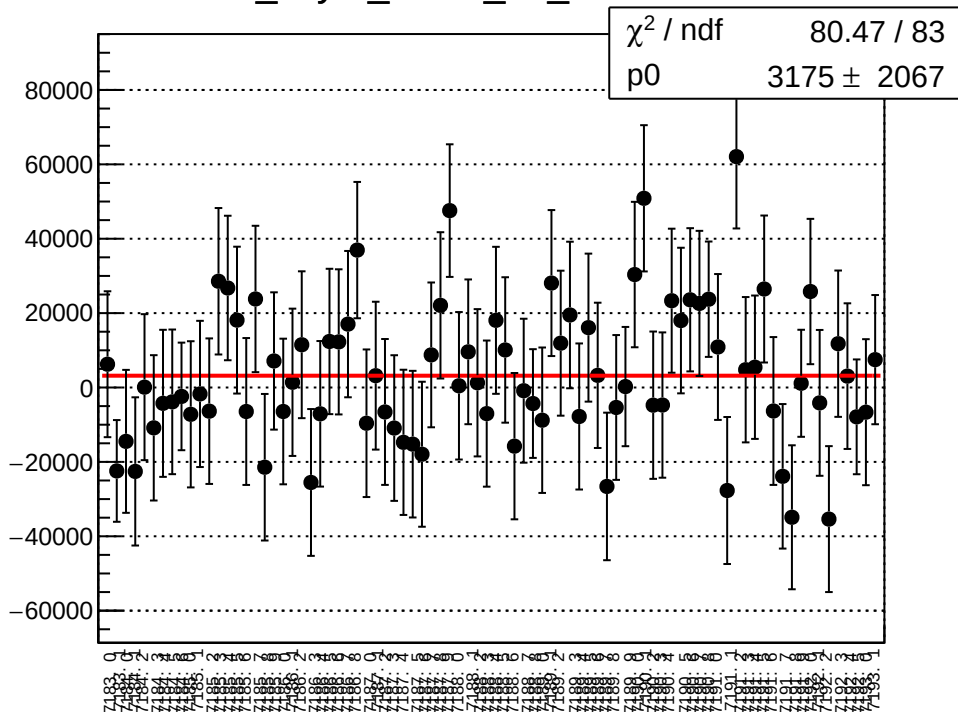
asym_atr1l2_dd_reg_correction_mean vs run



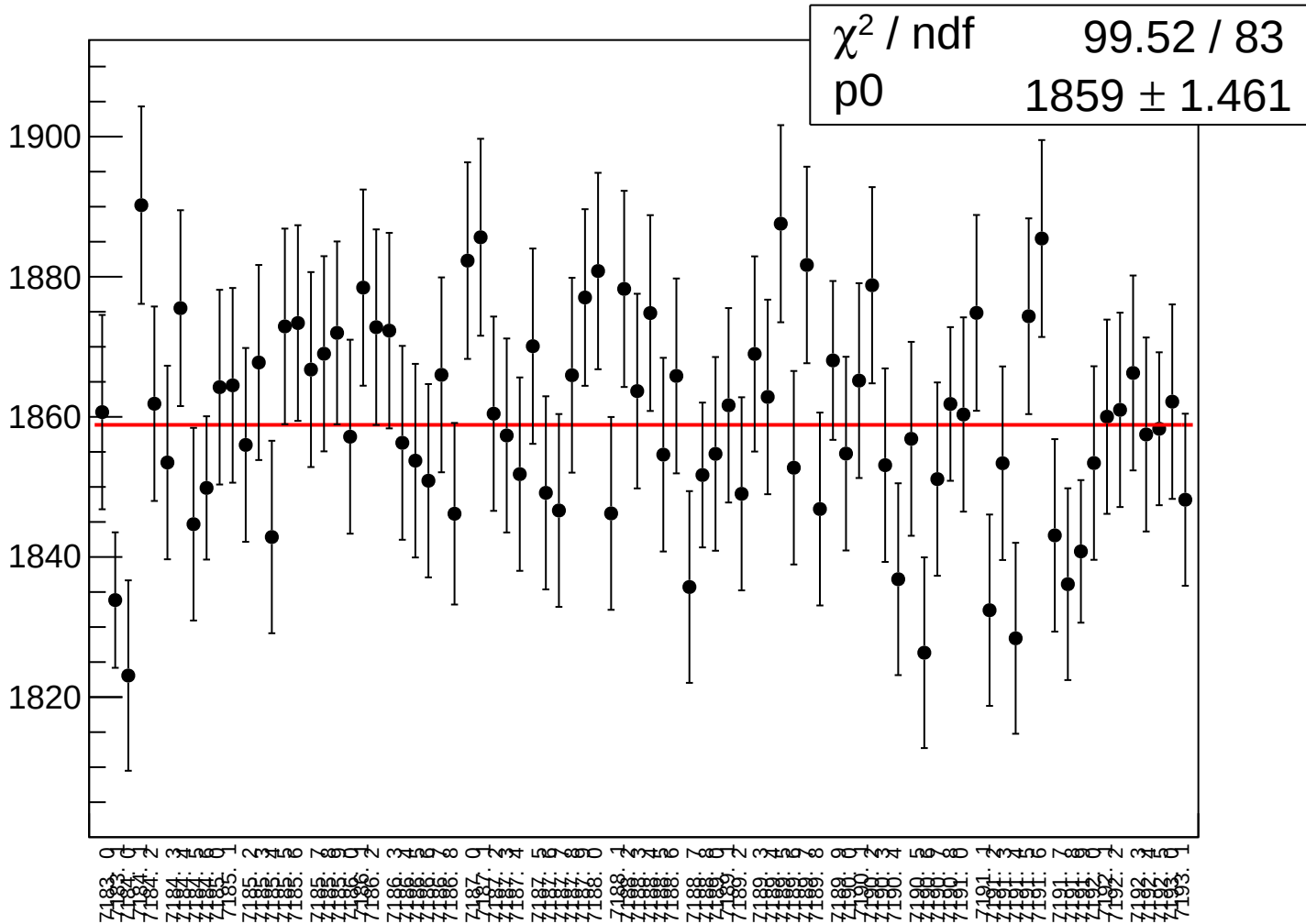
asym_atr1l2_dd_reg_correction_rms vs run



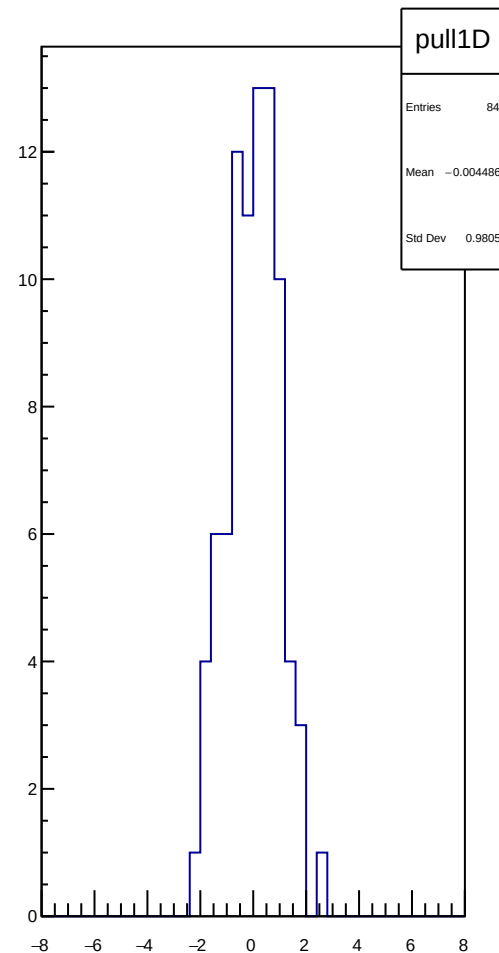
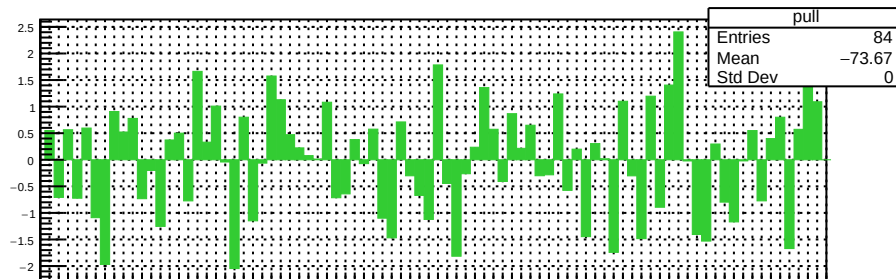
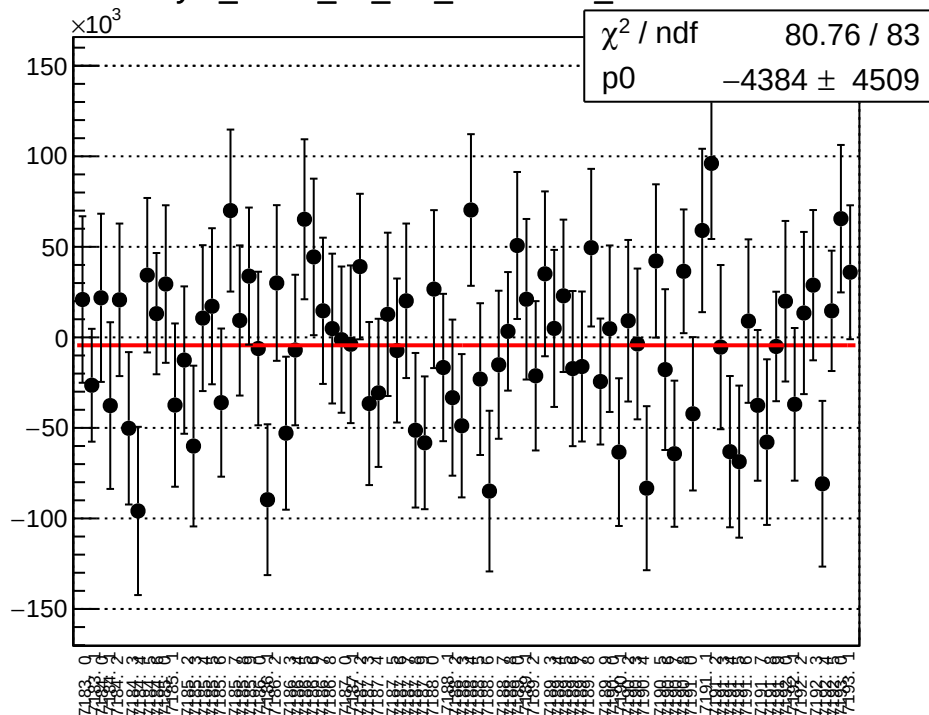
cor_asym_atr1l2_dd_mean vs run



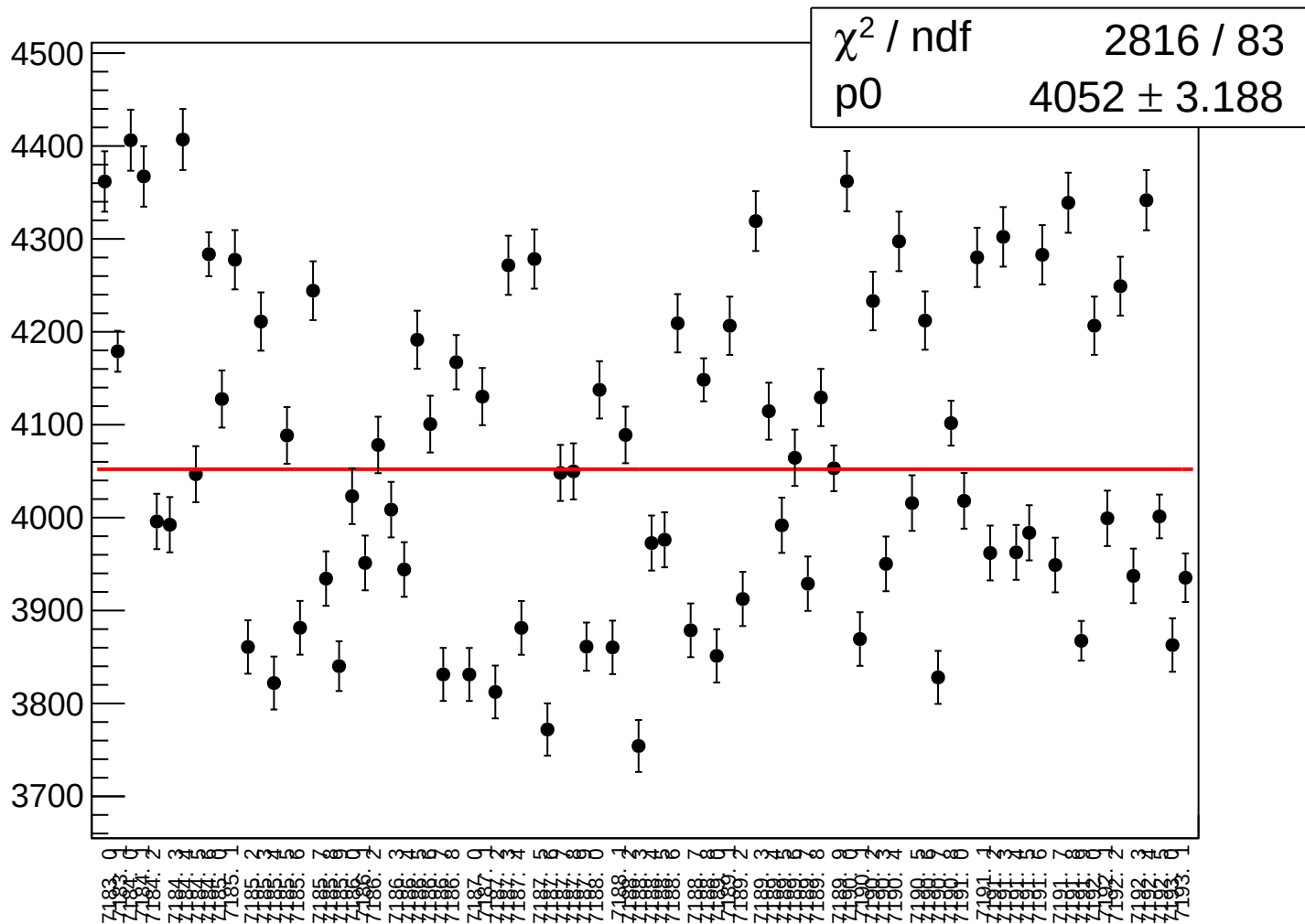
cor_asym_atr1l2_dd_rms vs run



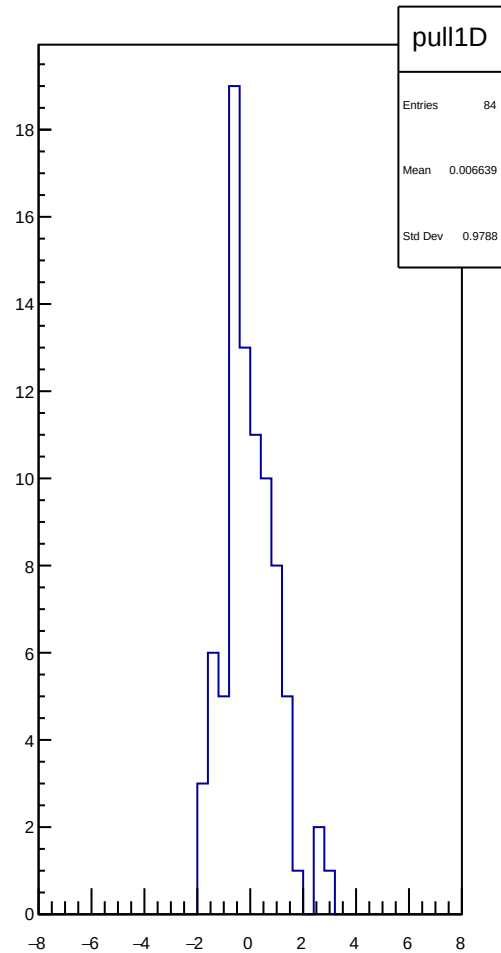
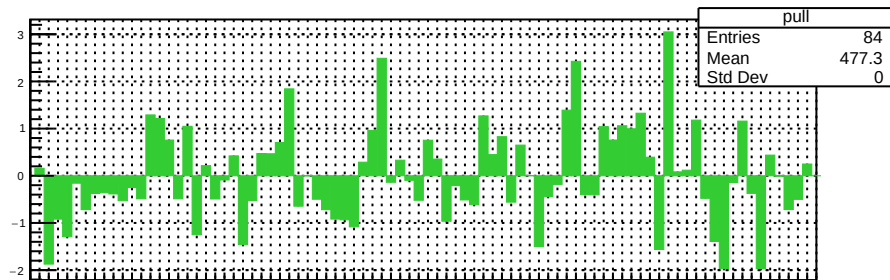
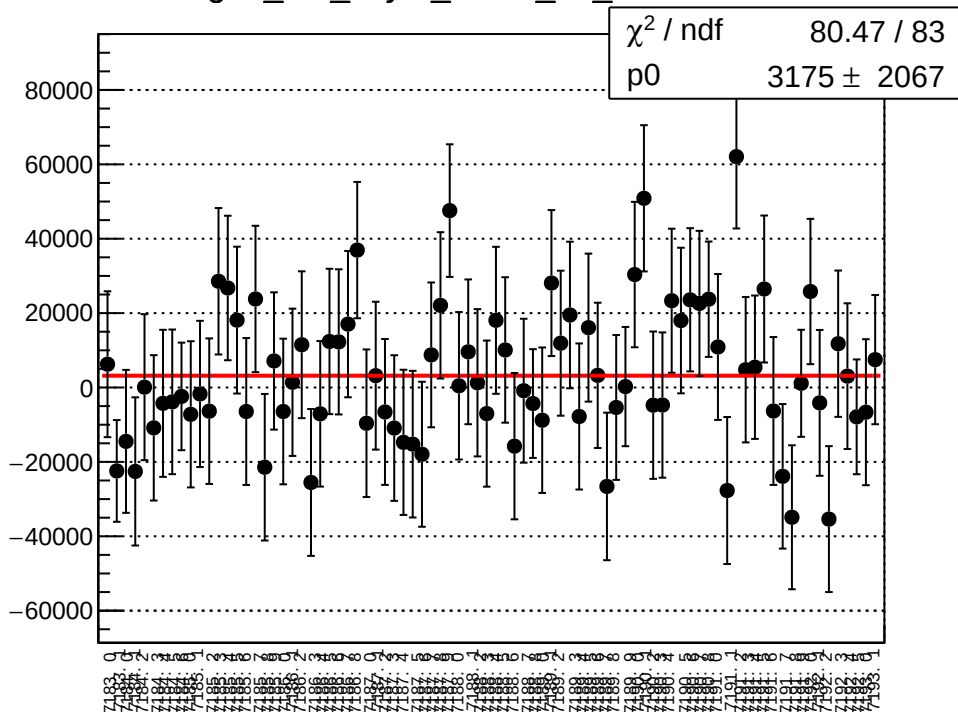
asym_atr1l2_dd_cor_correction_mean vs run



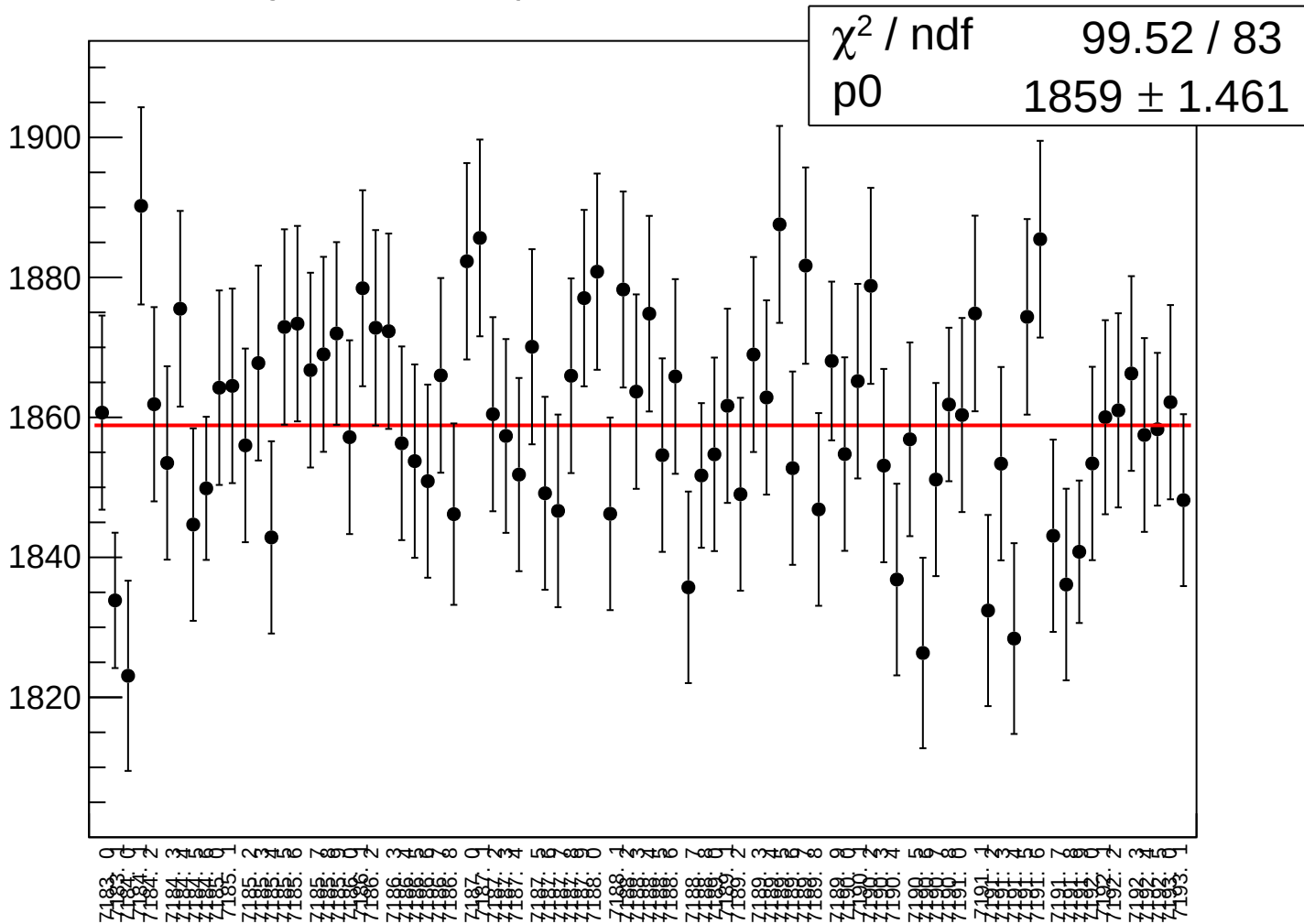
asym_atr1l2_dd_cor_correction_rms vs run



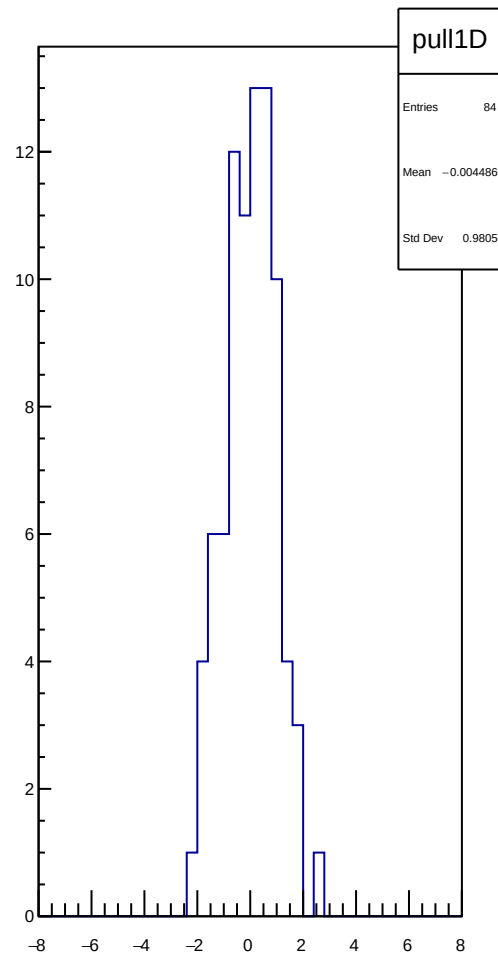
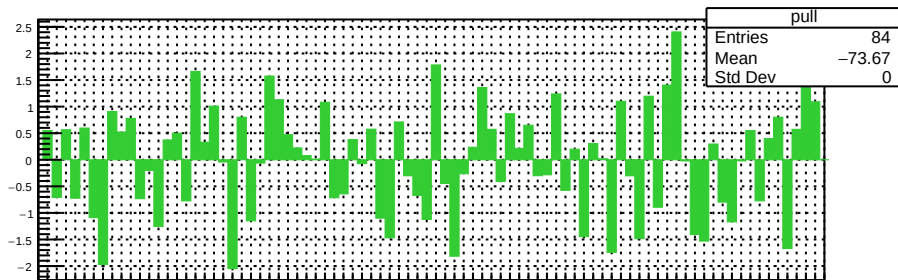
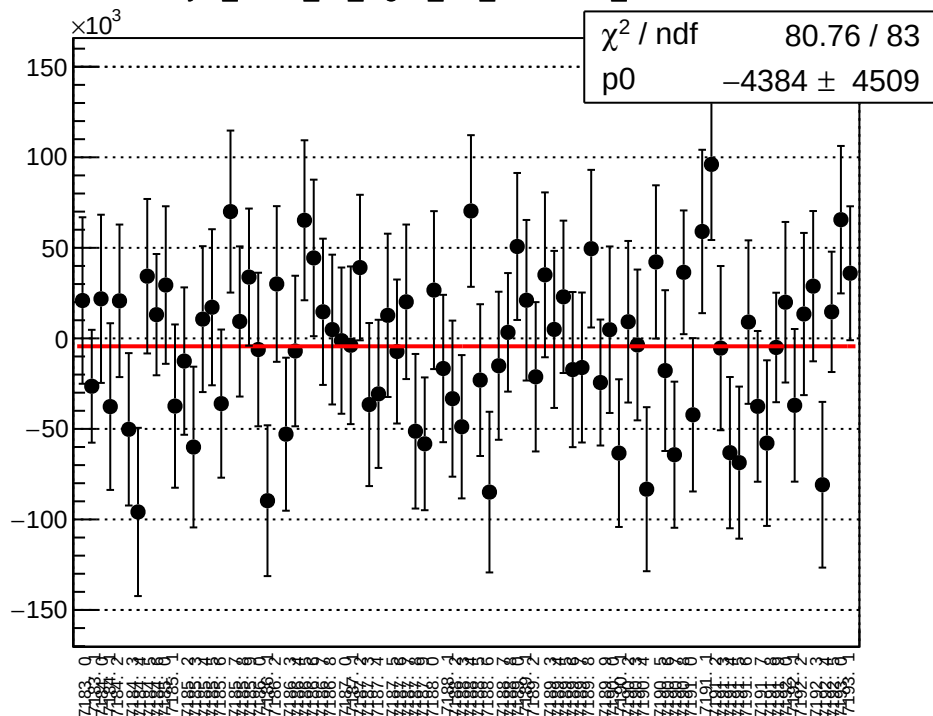
eigen_cor_asym_atr1l2_dd_mean vs run



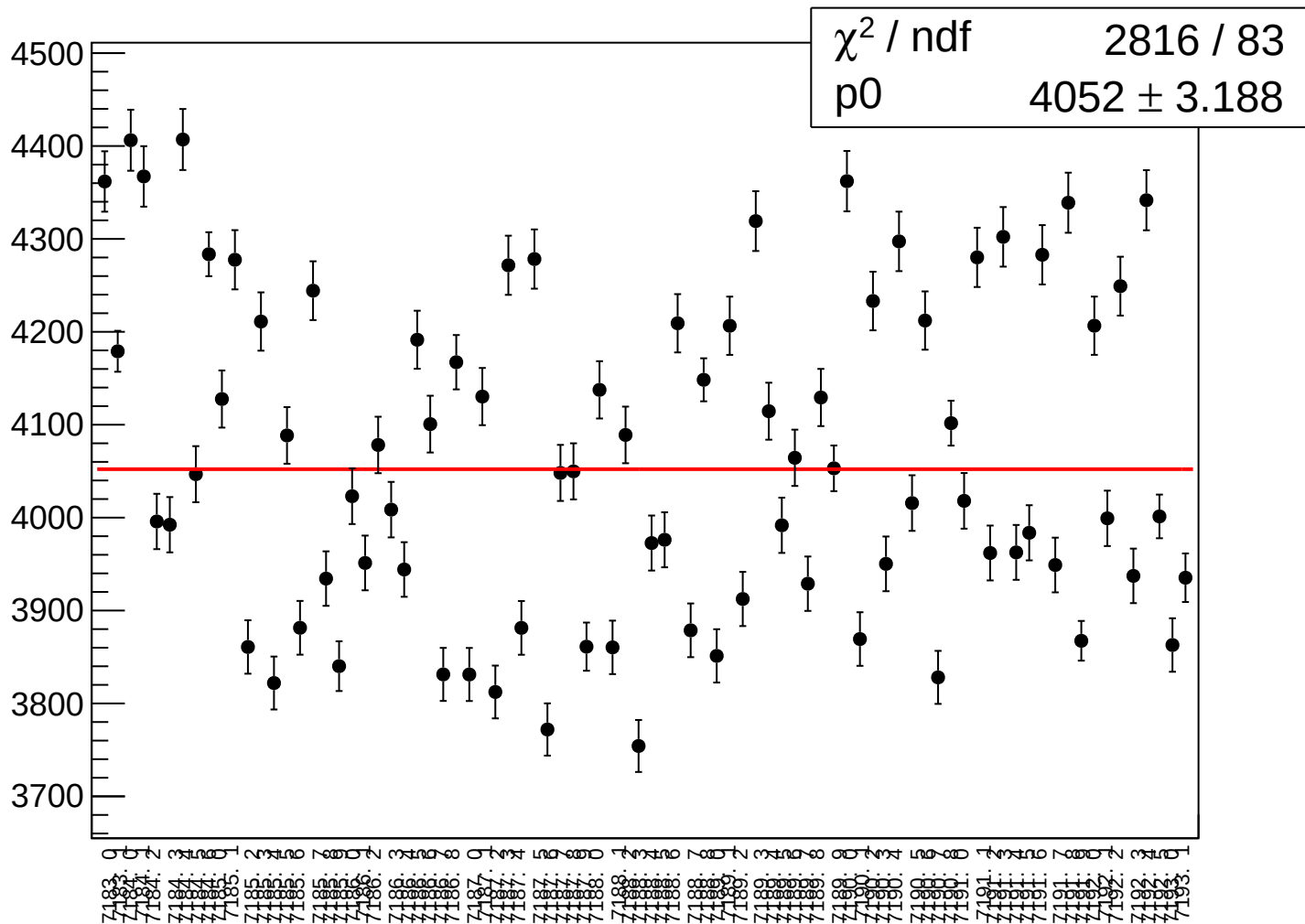
eigen_cor_asym_atr1l2_dd_rms vs run



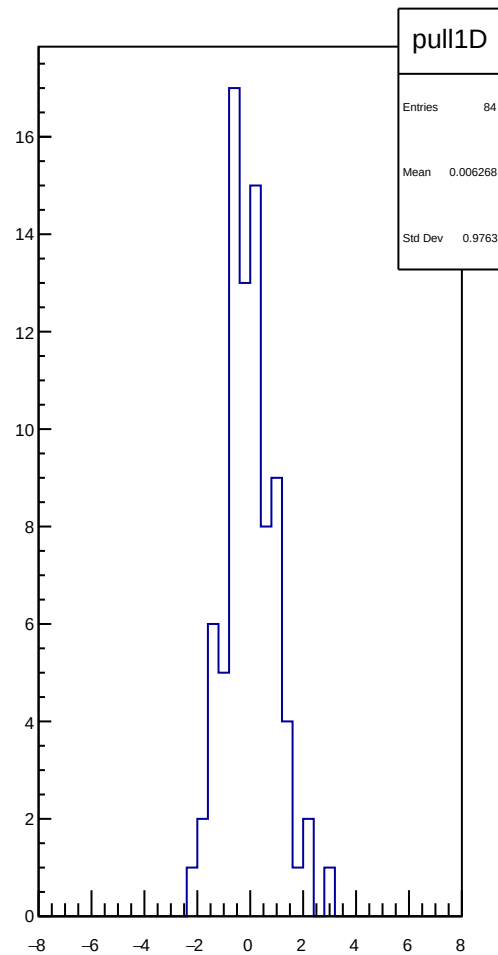
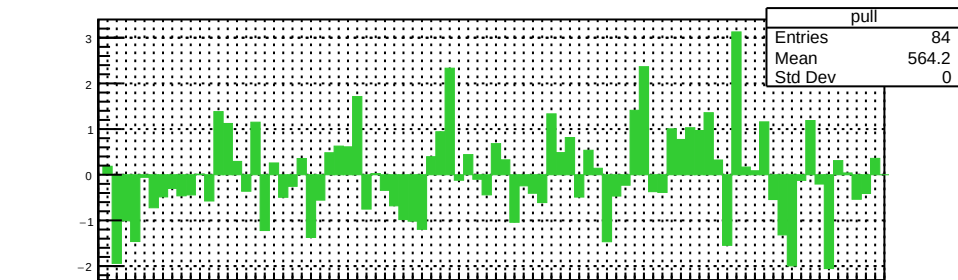
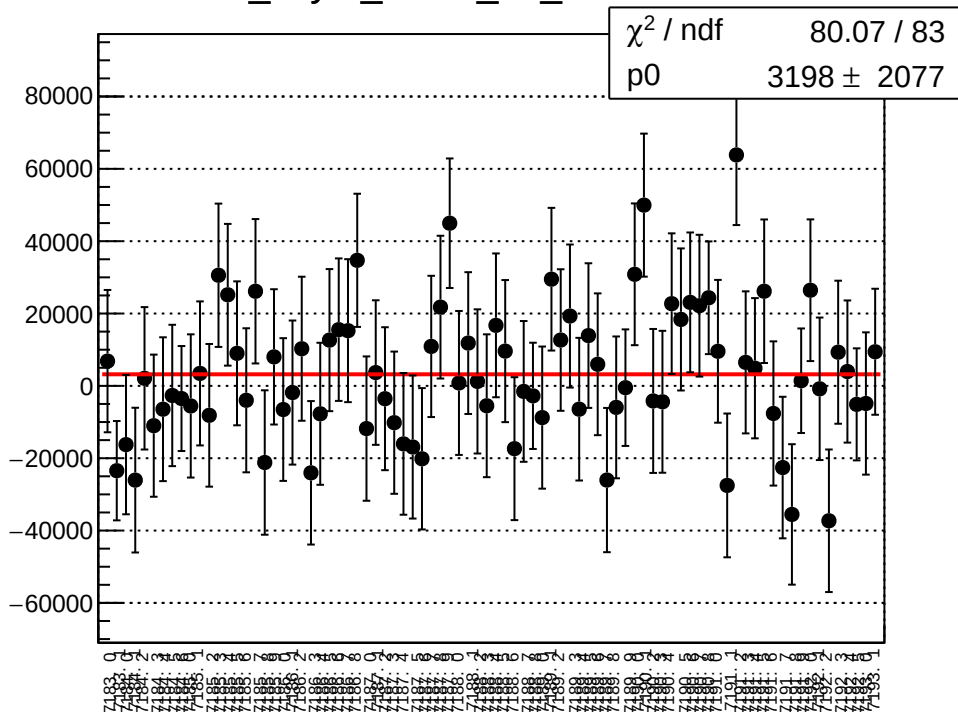
asym_atr1l2_dd_eigen_cor_correction_mean vs run



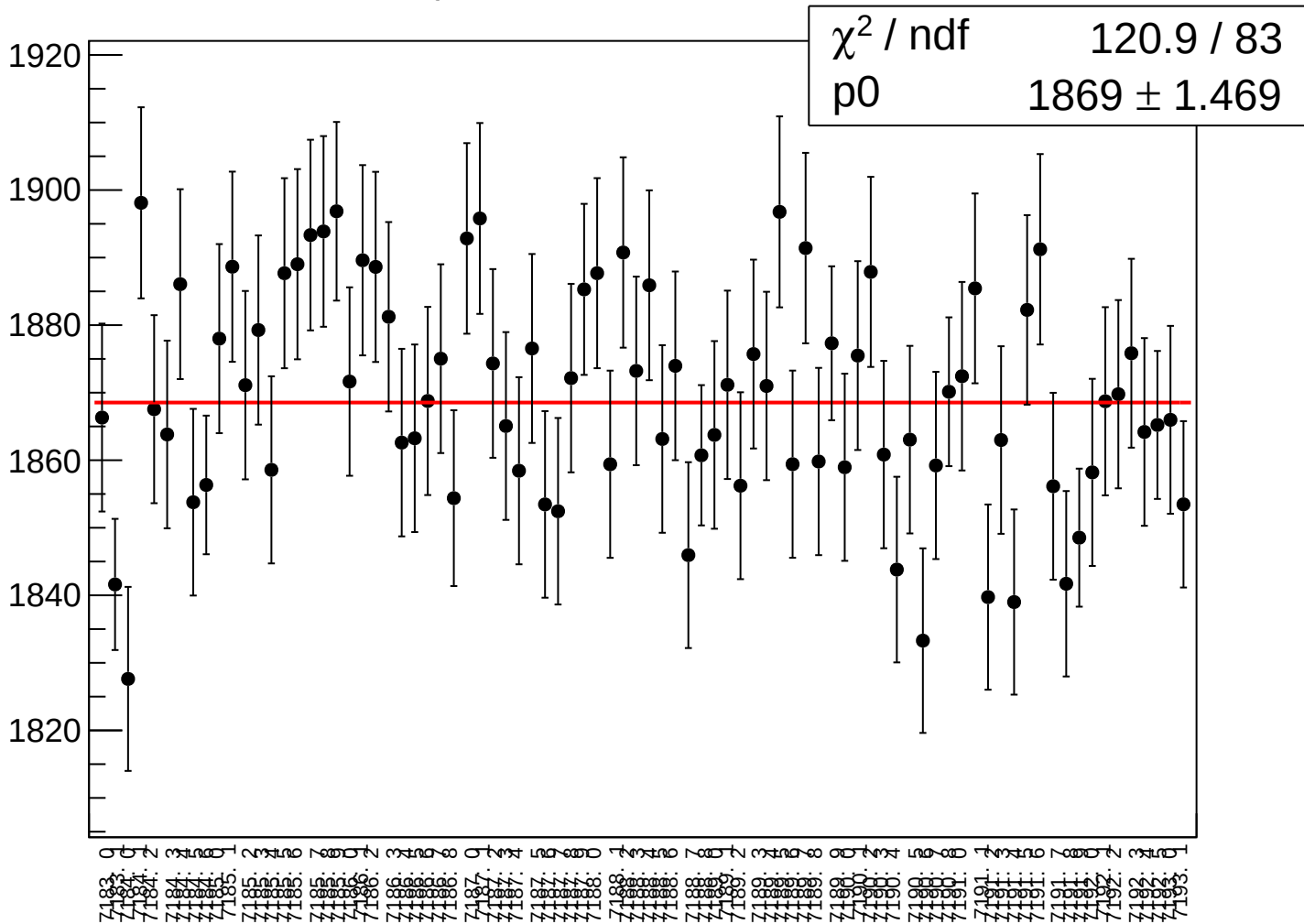
asym_atr1l2_dd_eigen_cor_correction_rms vs run



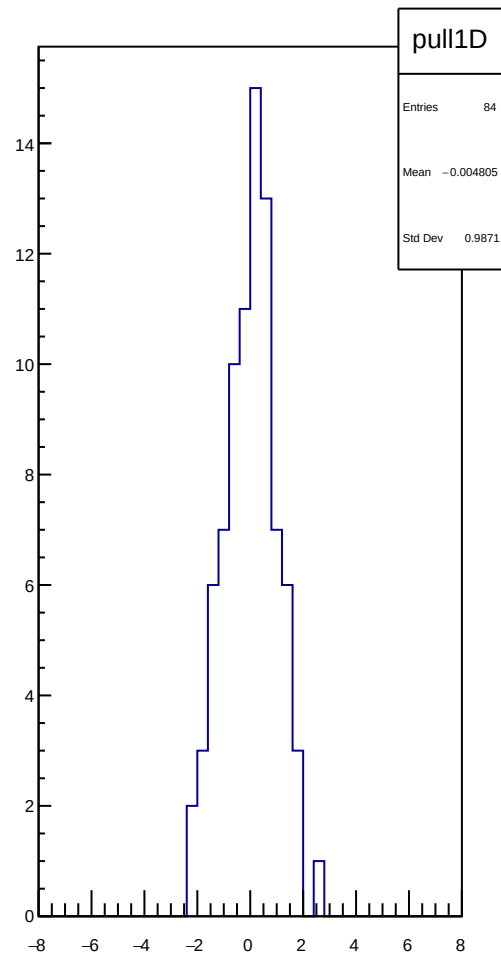
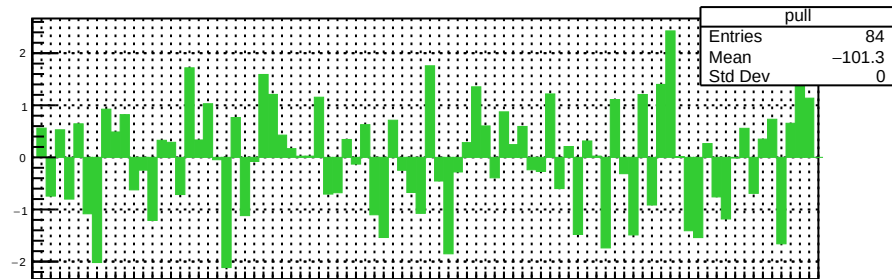
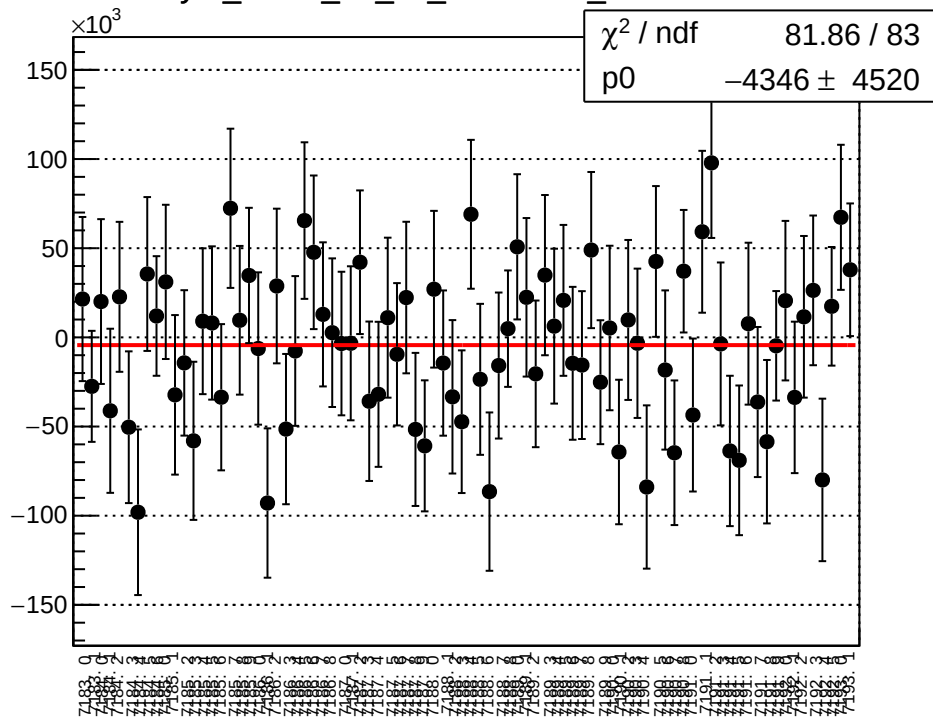
dit_asym_atr1l2_dd_mean vs run



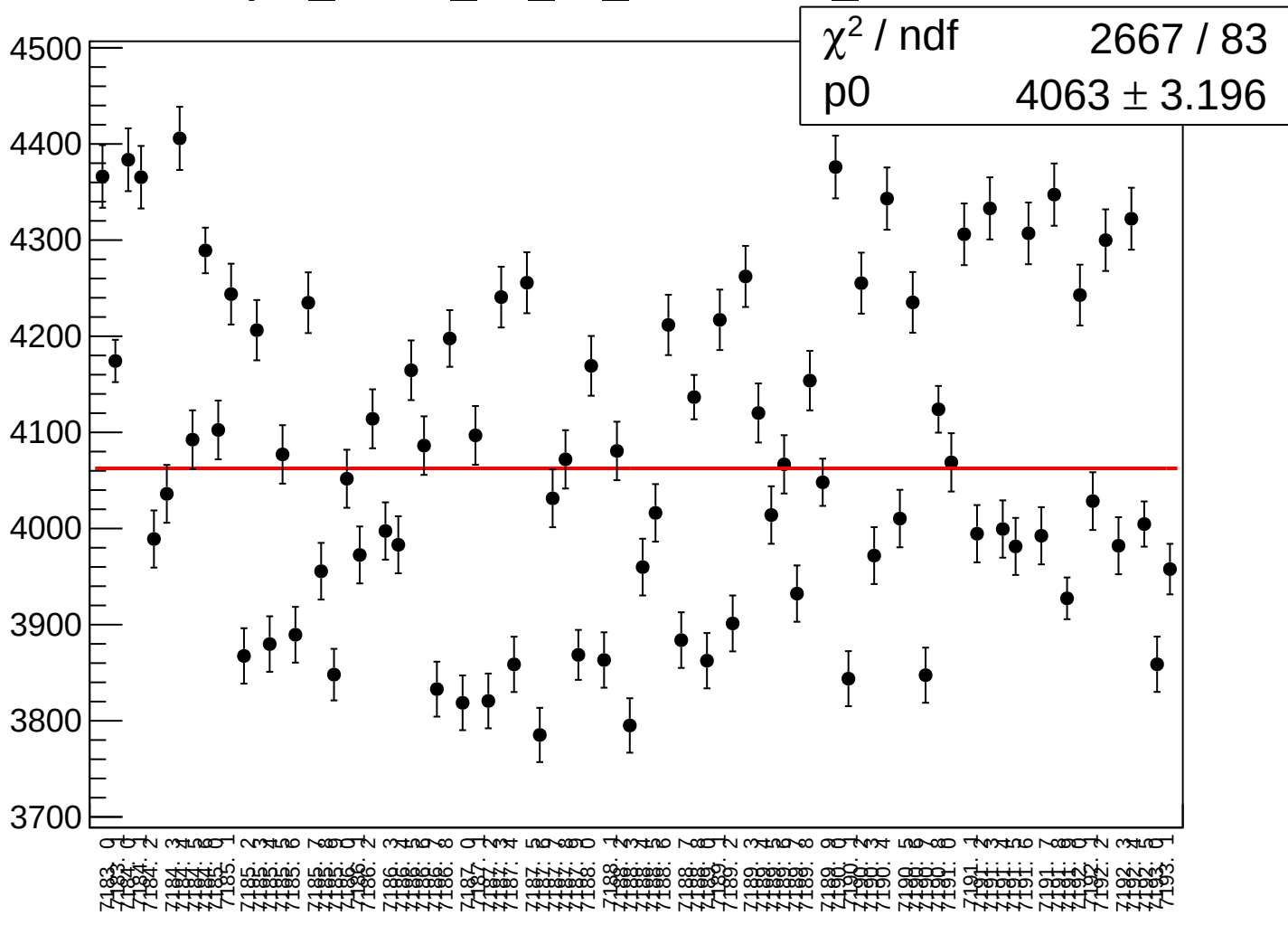
dit_asym_atr1l2_dd_rms vs run



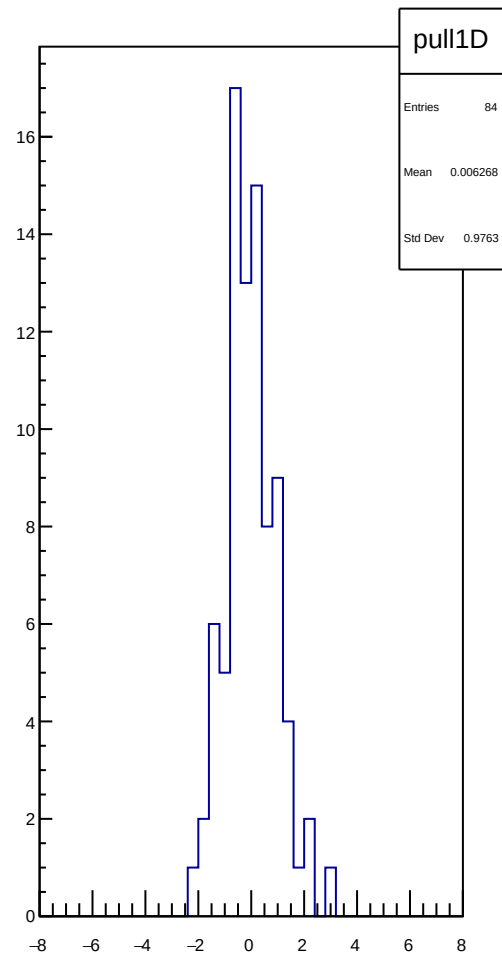
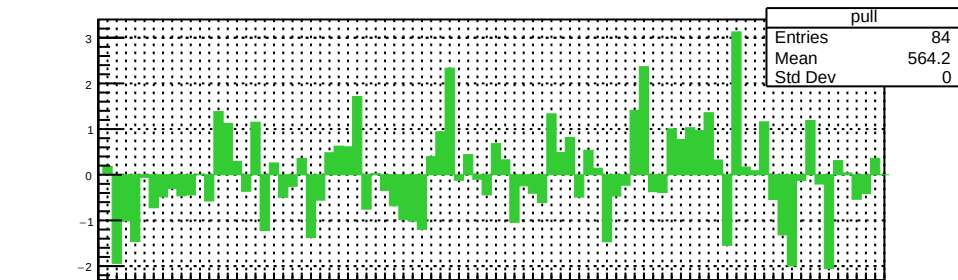
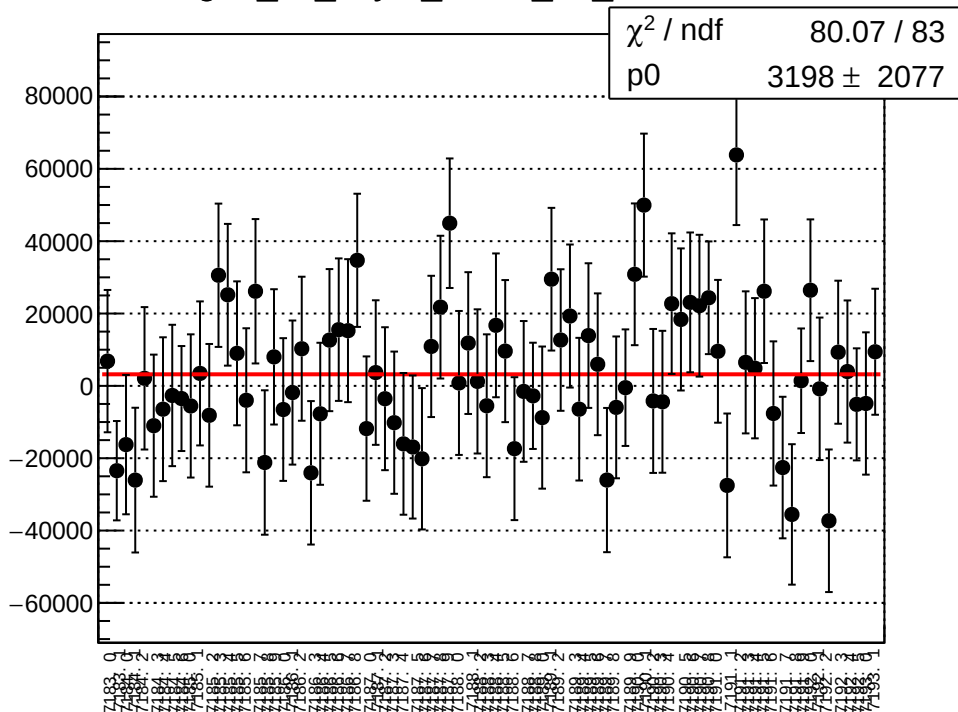
asym_atr1l2_dd_dit_correction_mean vs run



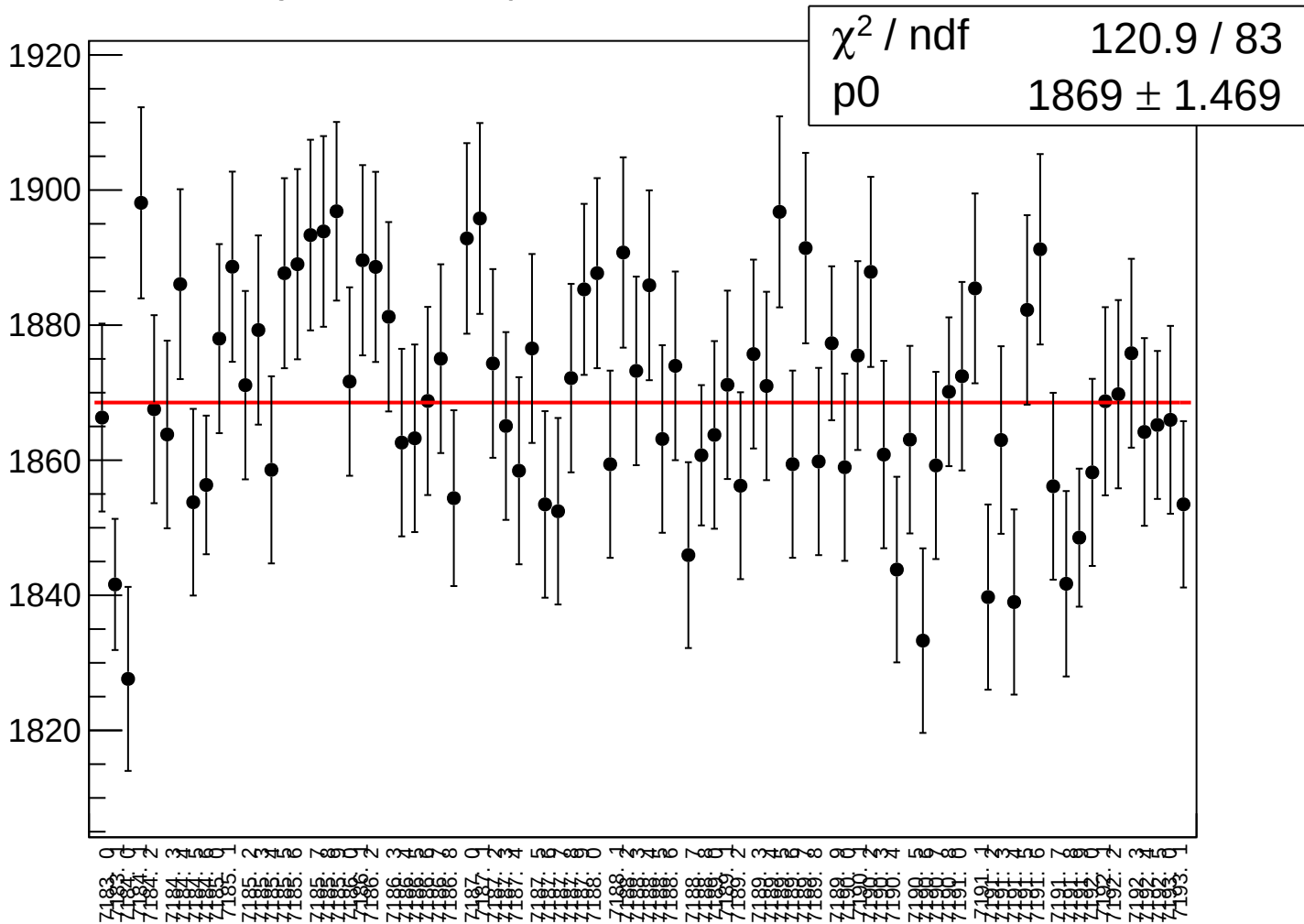
asym_atr1l2_dd_dit_correction_rms vs run



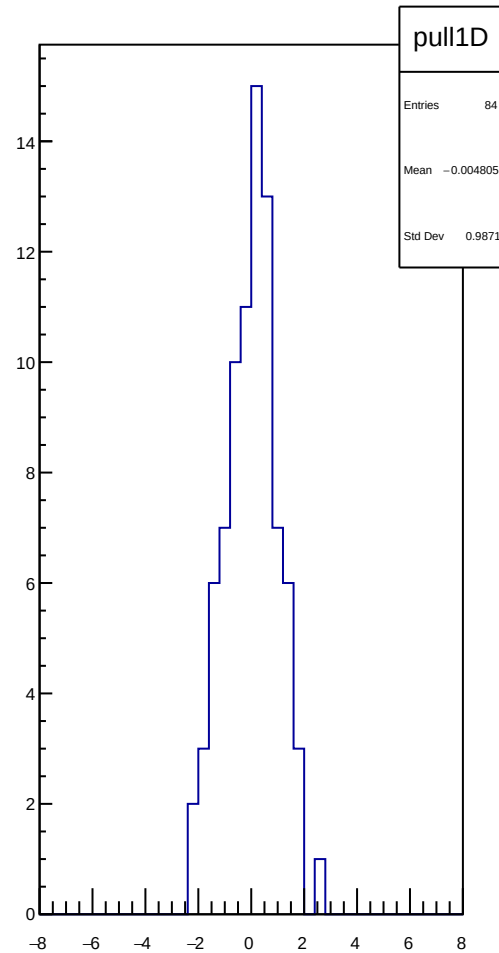
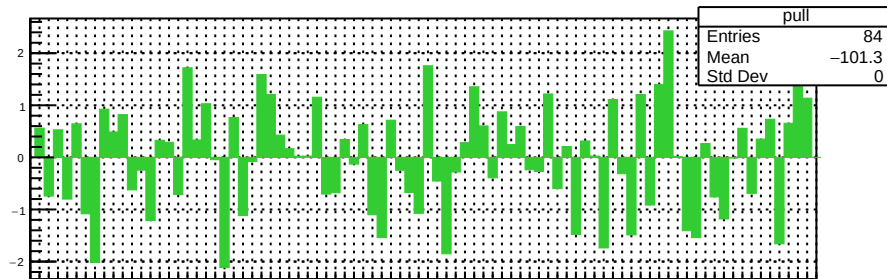
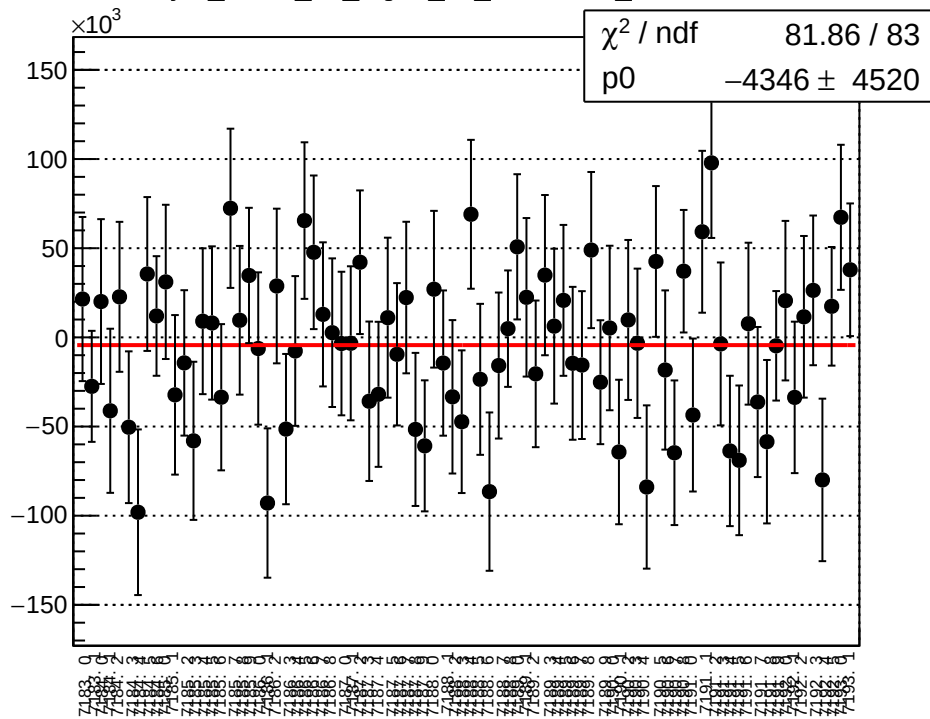
eigen_dit_asym_atr1l2_dd_mean vs run



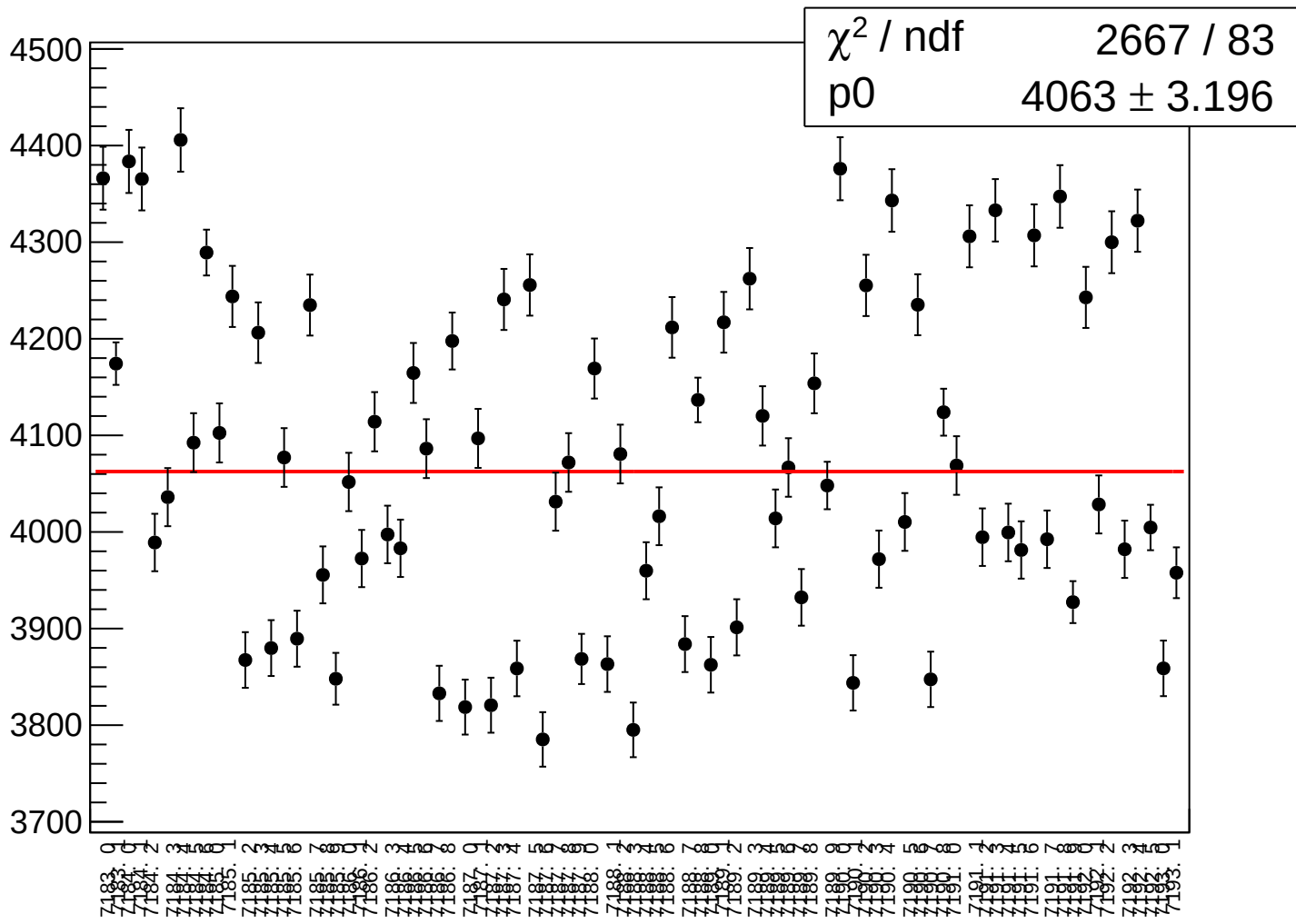
eigen_dit_asym_atr1l2_dd_rms vs run



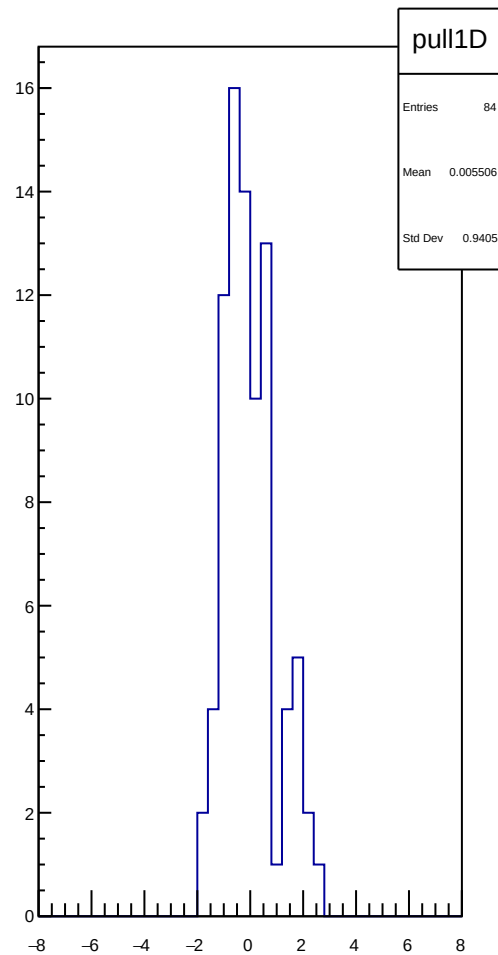
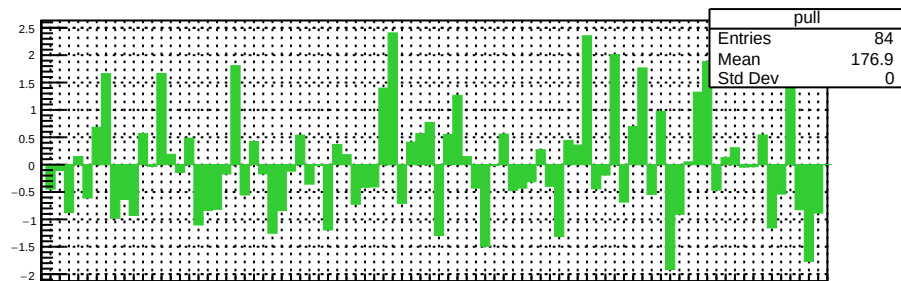
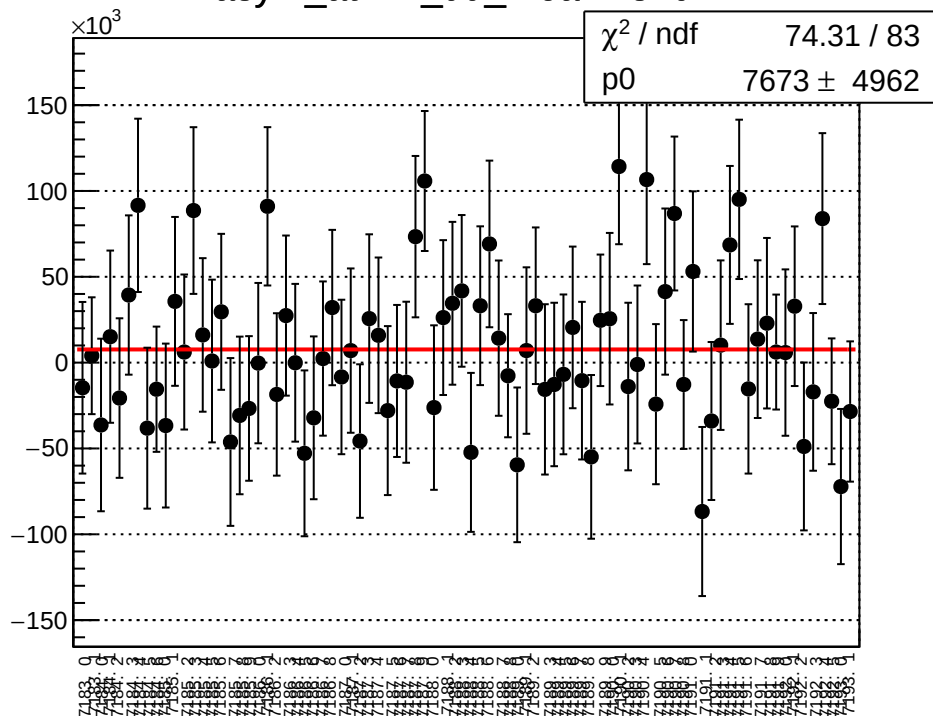
asym_atr1l2_dd_eigen_dit_correction_mean vs run



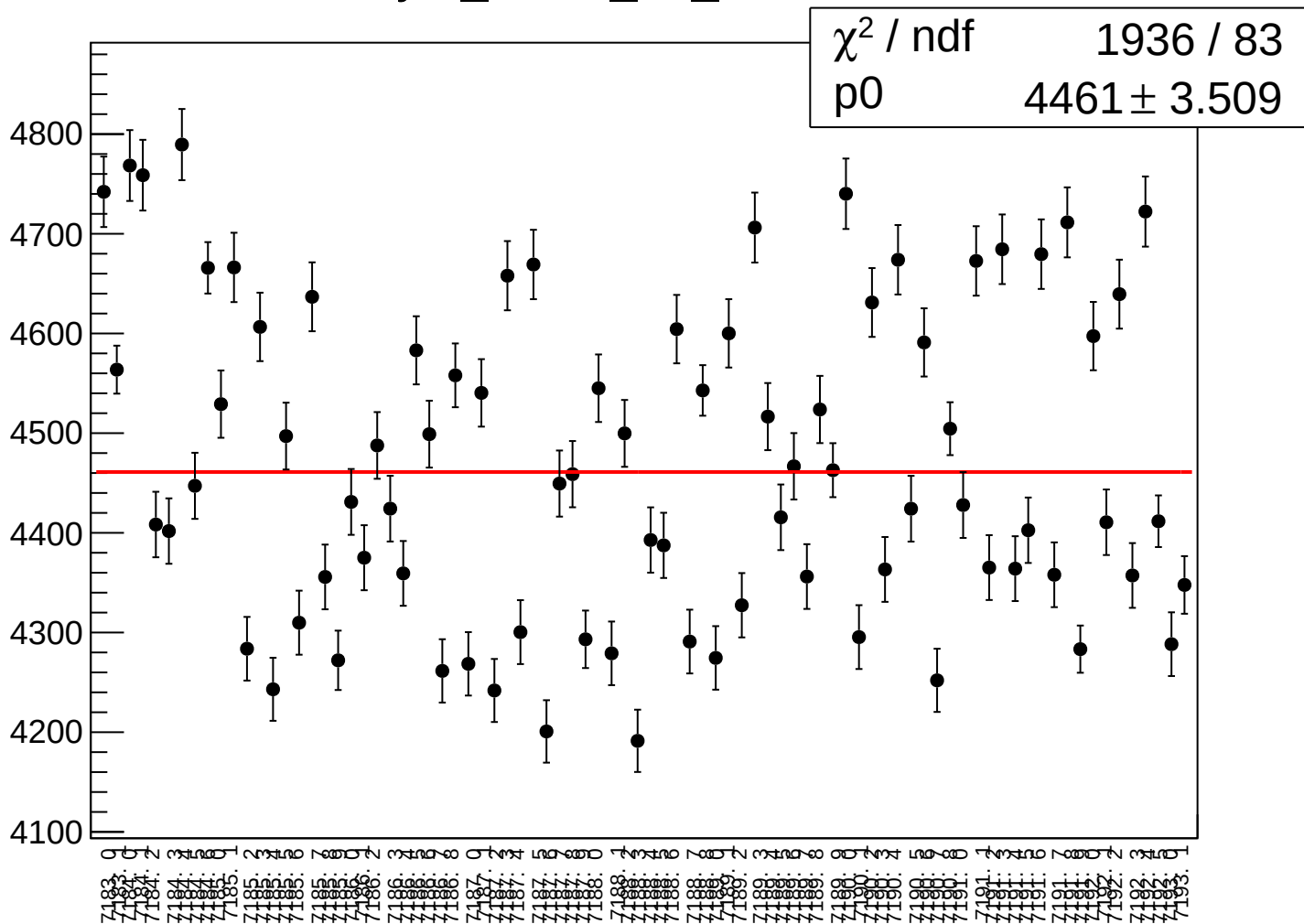
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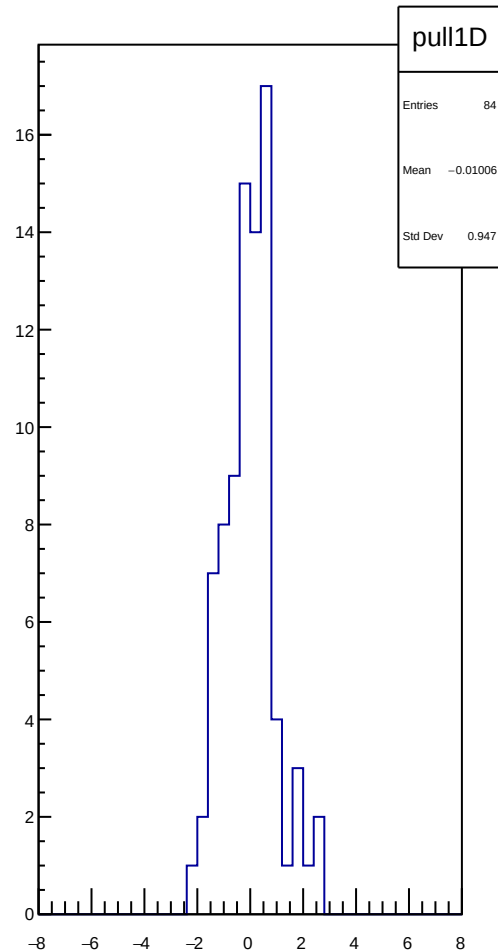
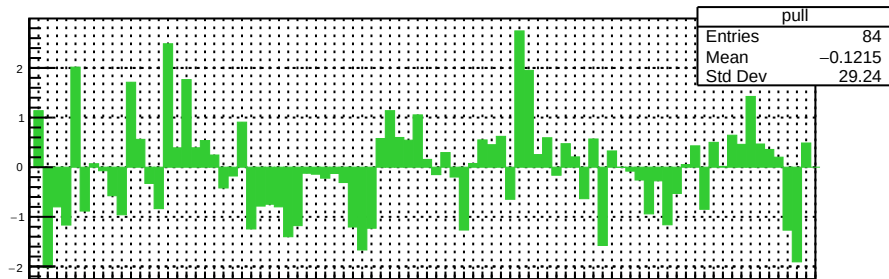
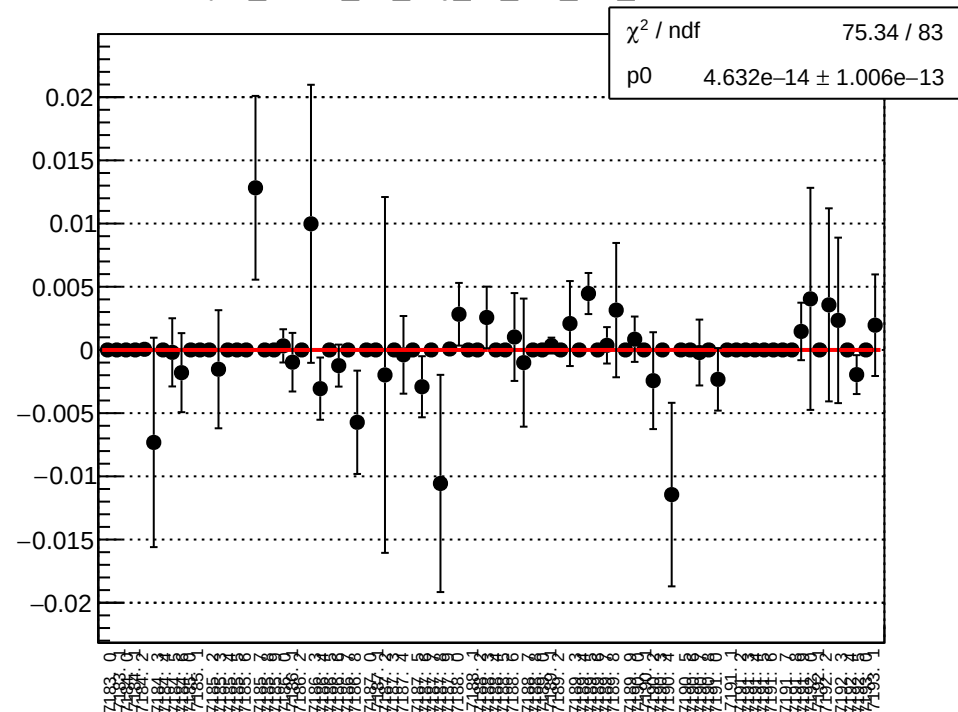
asym_atr1l2_dd_mean vs run



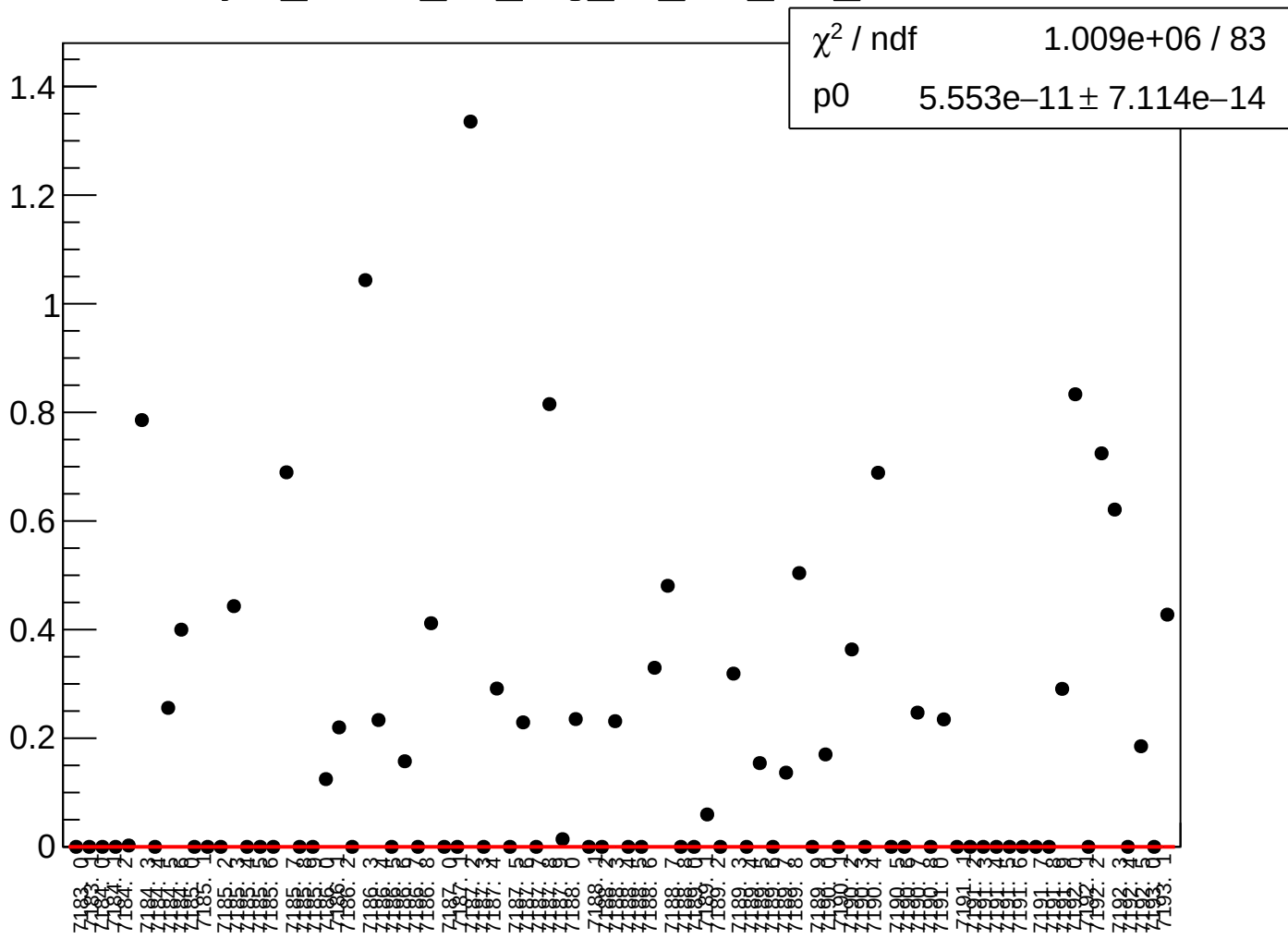
asym_atr1l2_dd_rms vs run



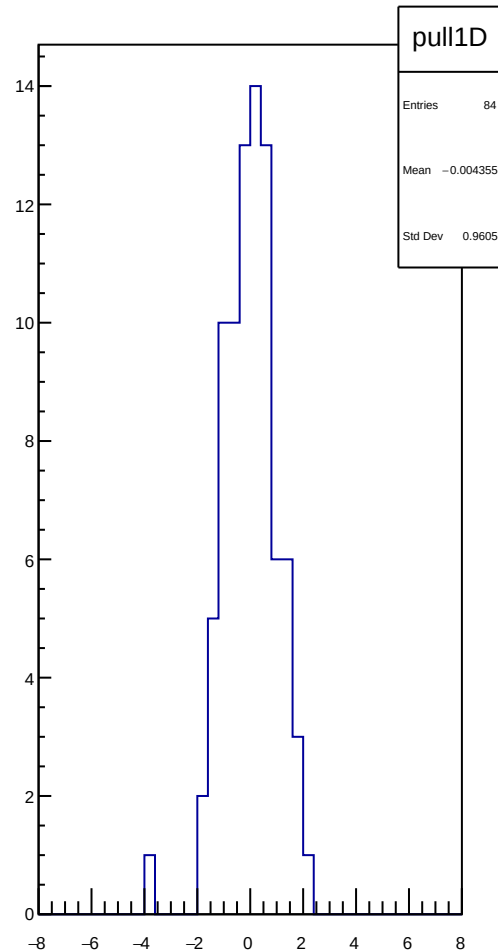
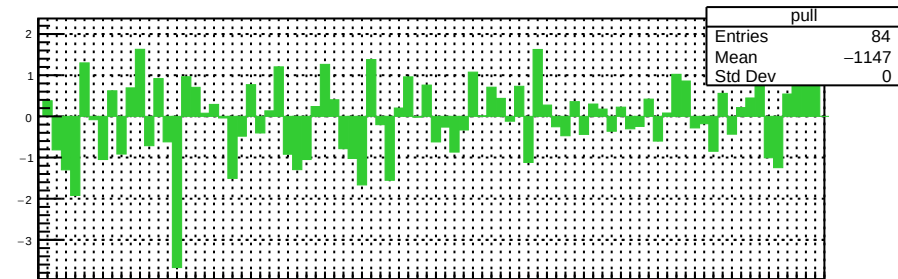
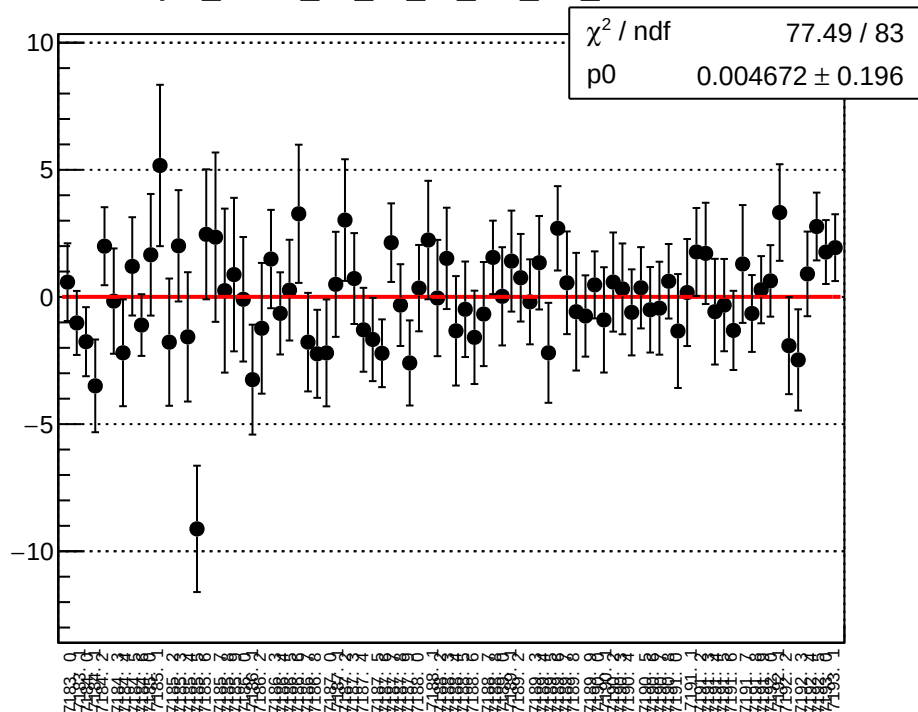
asym_atr1l2_dd_reg_vs_cor_diff_mean vs run



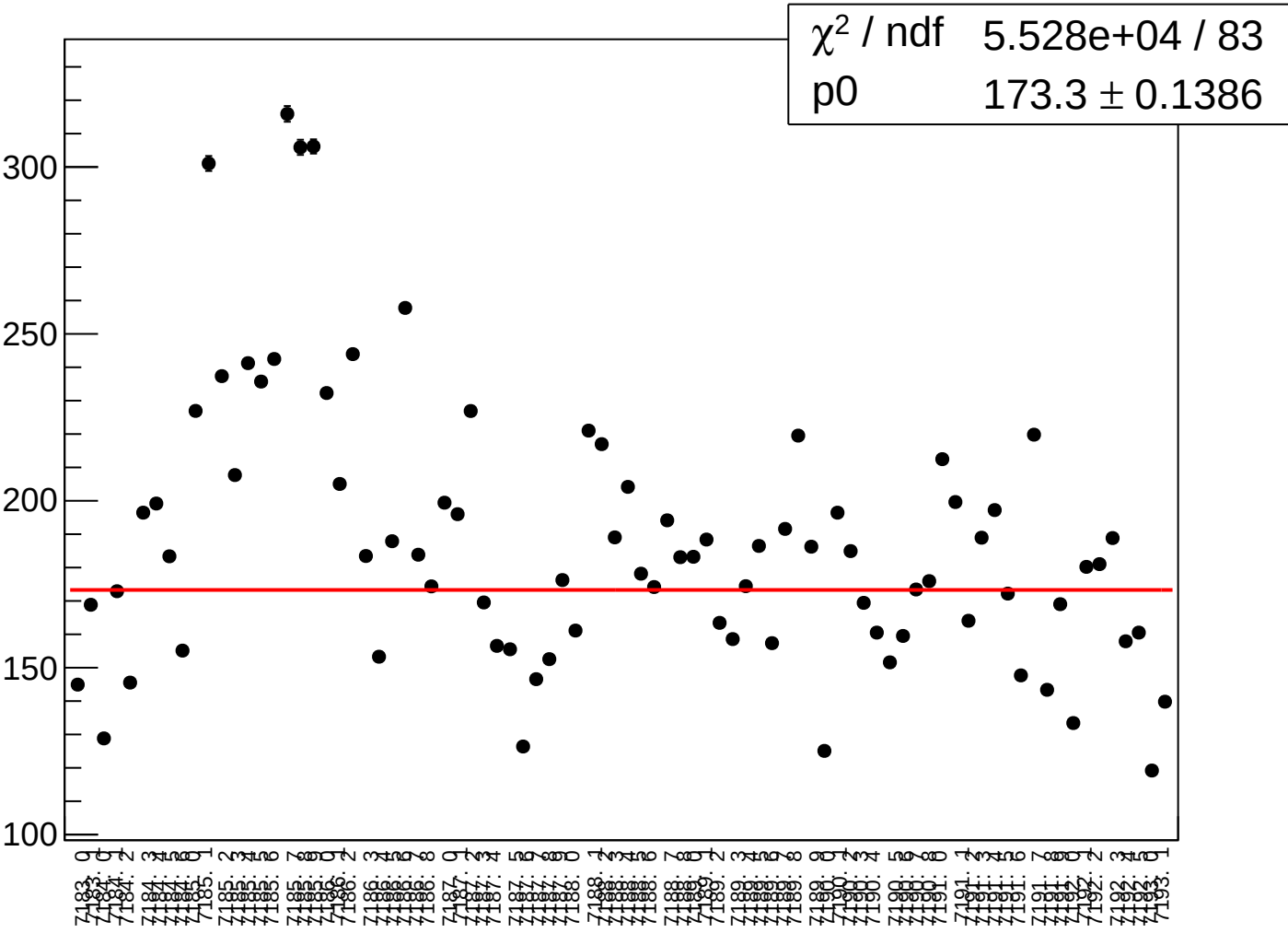
asym atr1l2 dd reg vs cor diff rms vs run



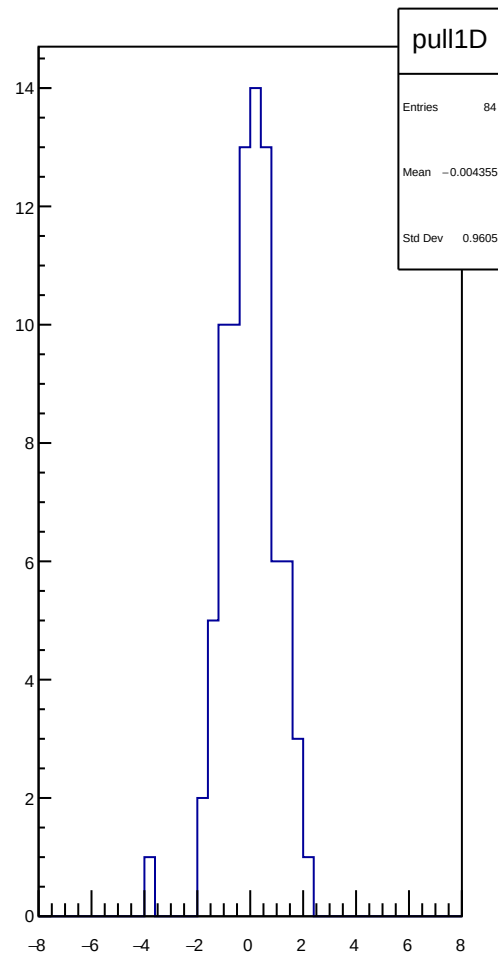
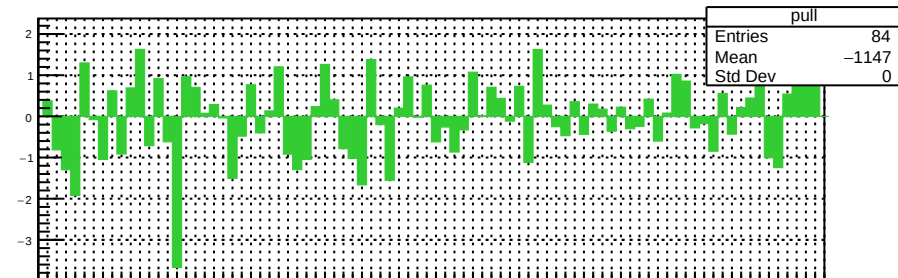
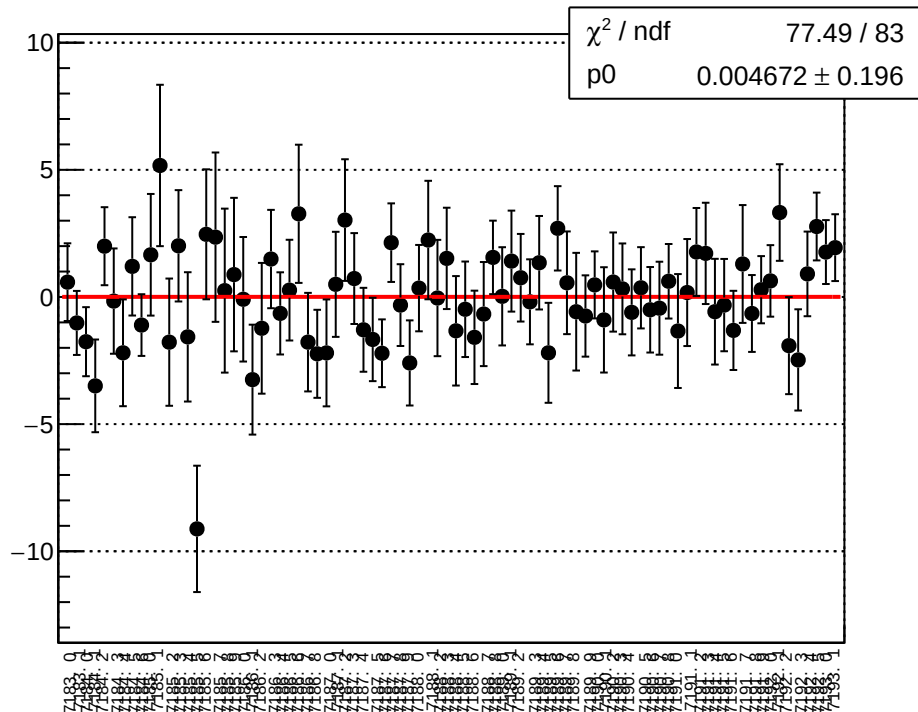
asym_atr1l2_dd_dit_vs_cor_diff_mean vs run



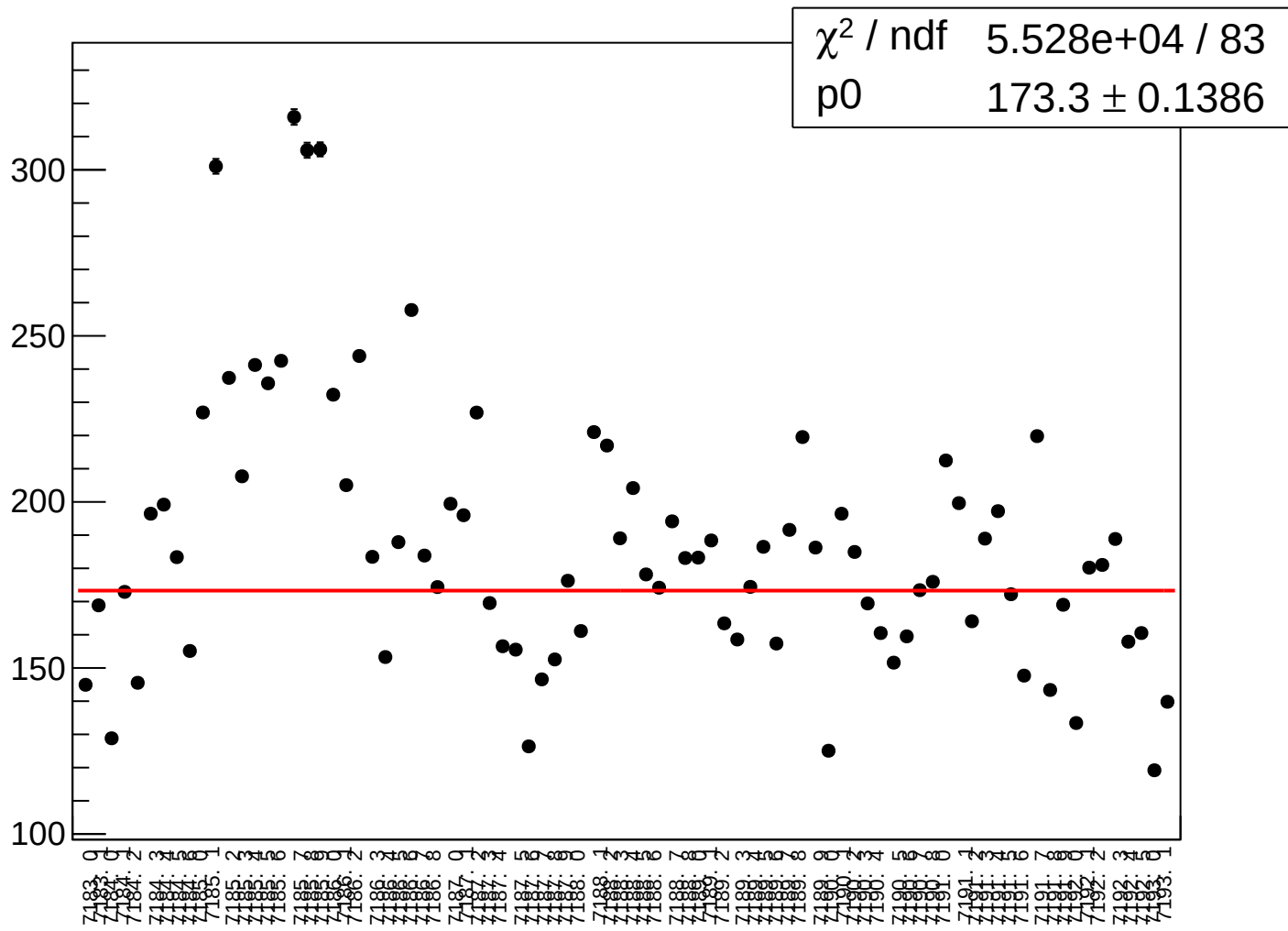
asym_atr1l2_dd_dit_vs_cor_diff_rms vs run



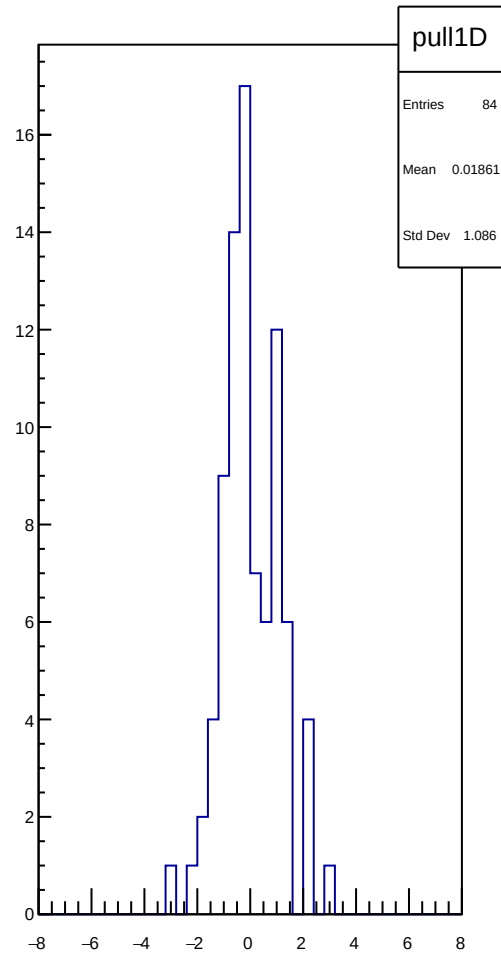
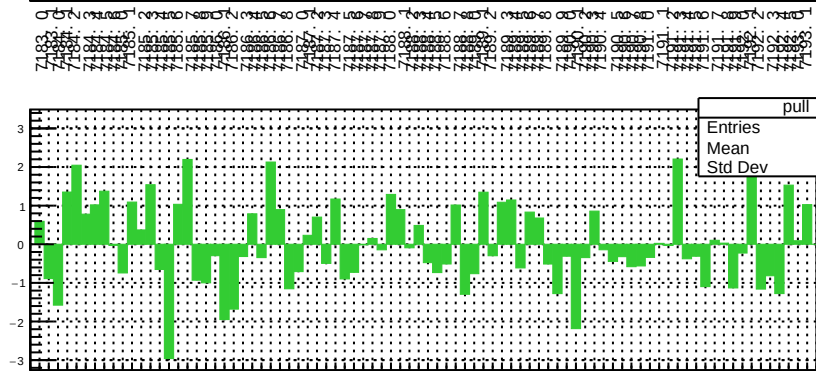
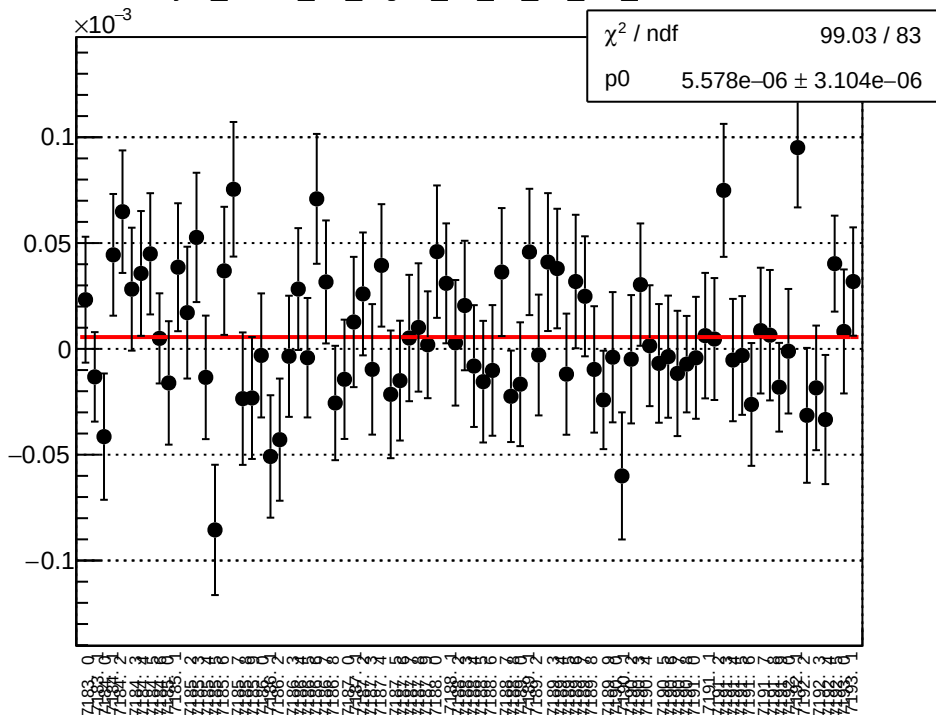
asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs run



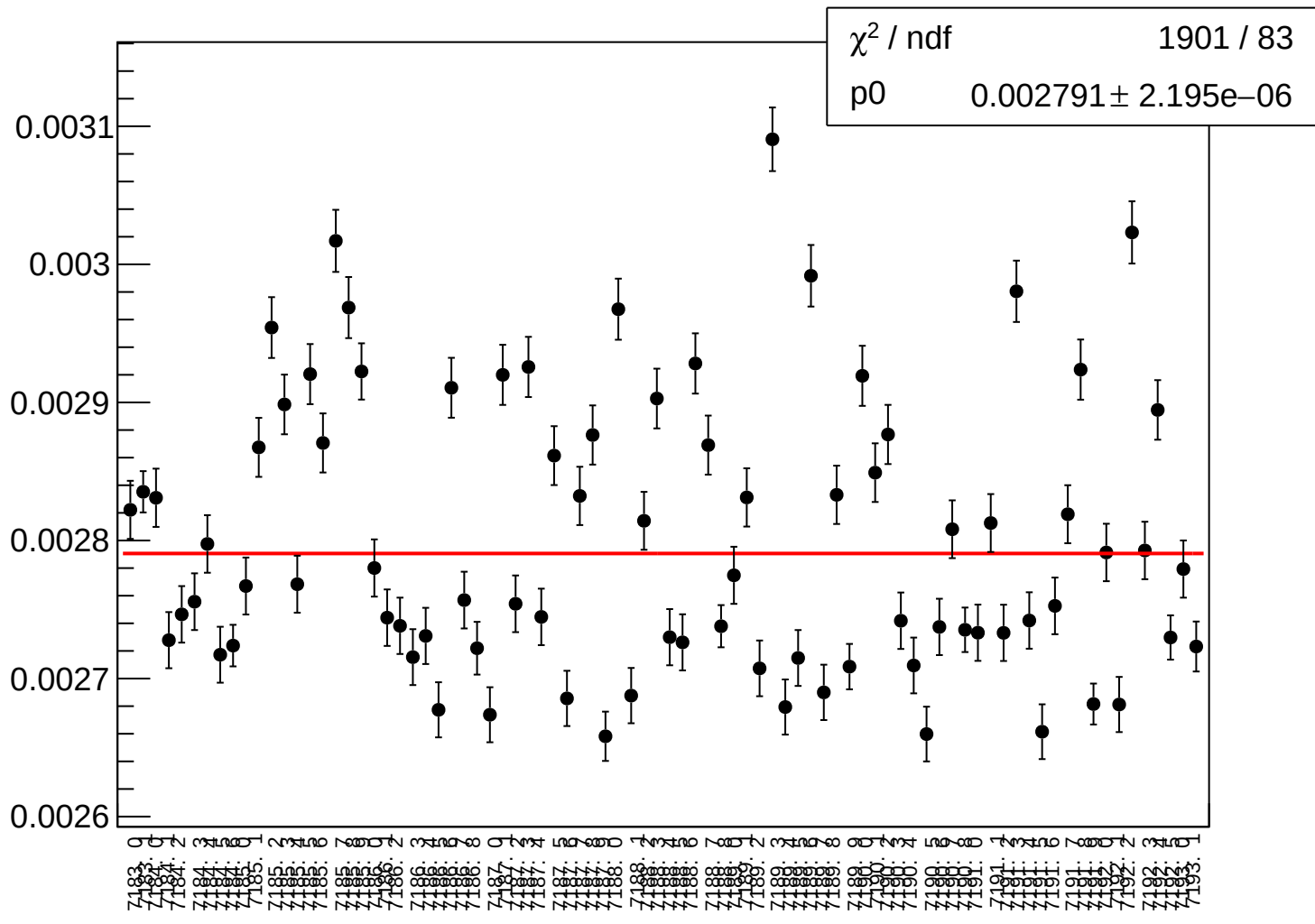
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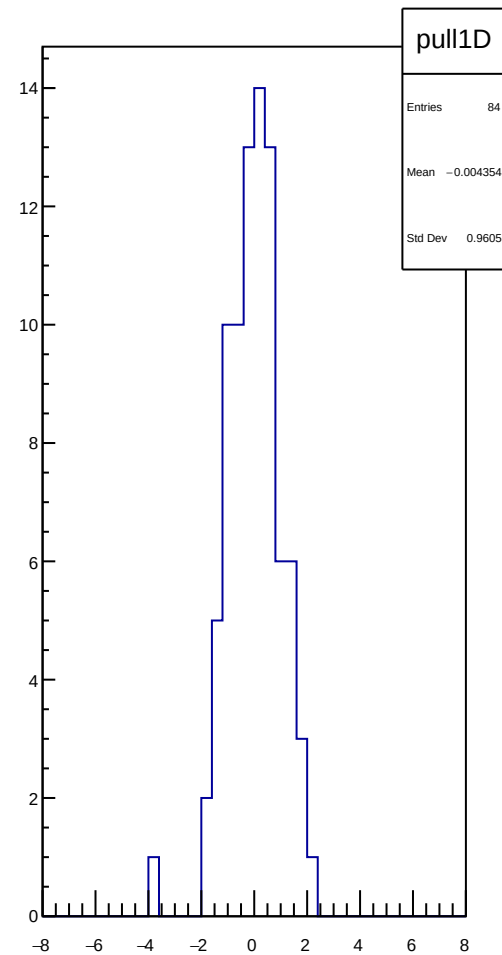
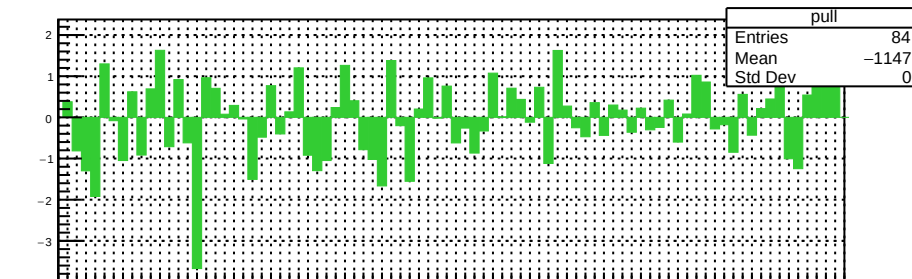
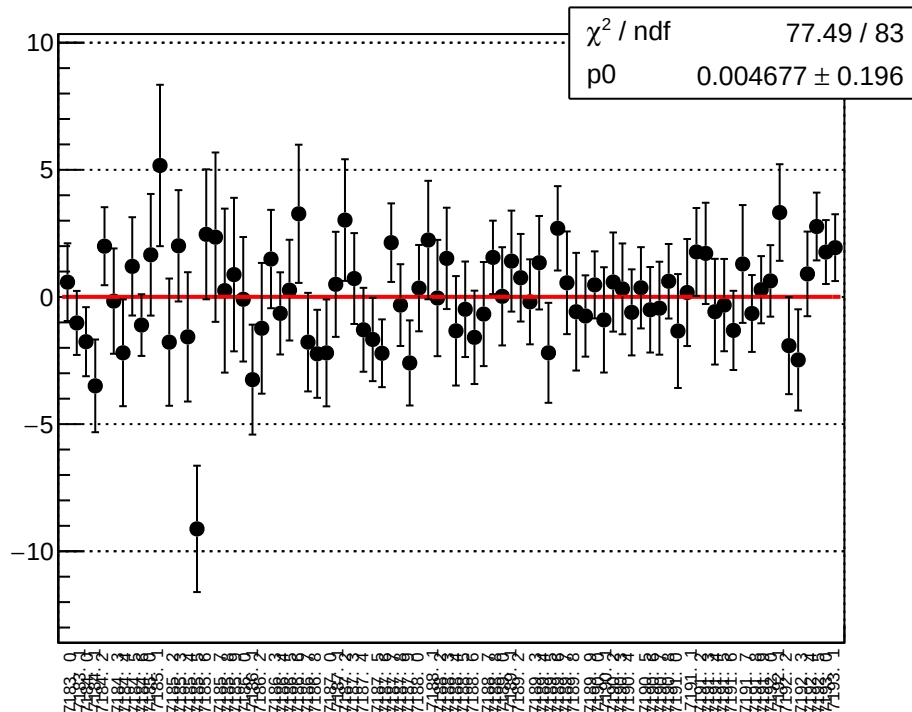
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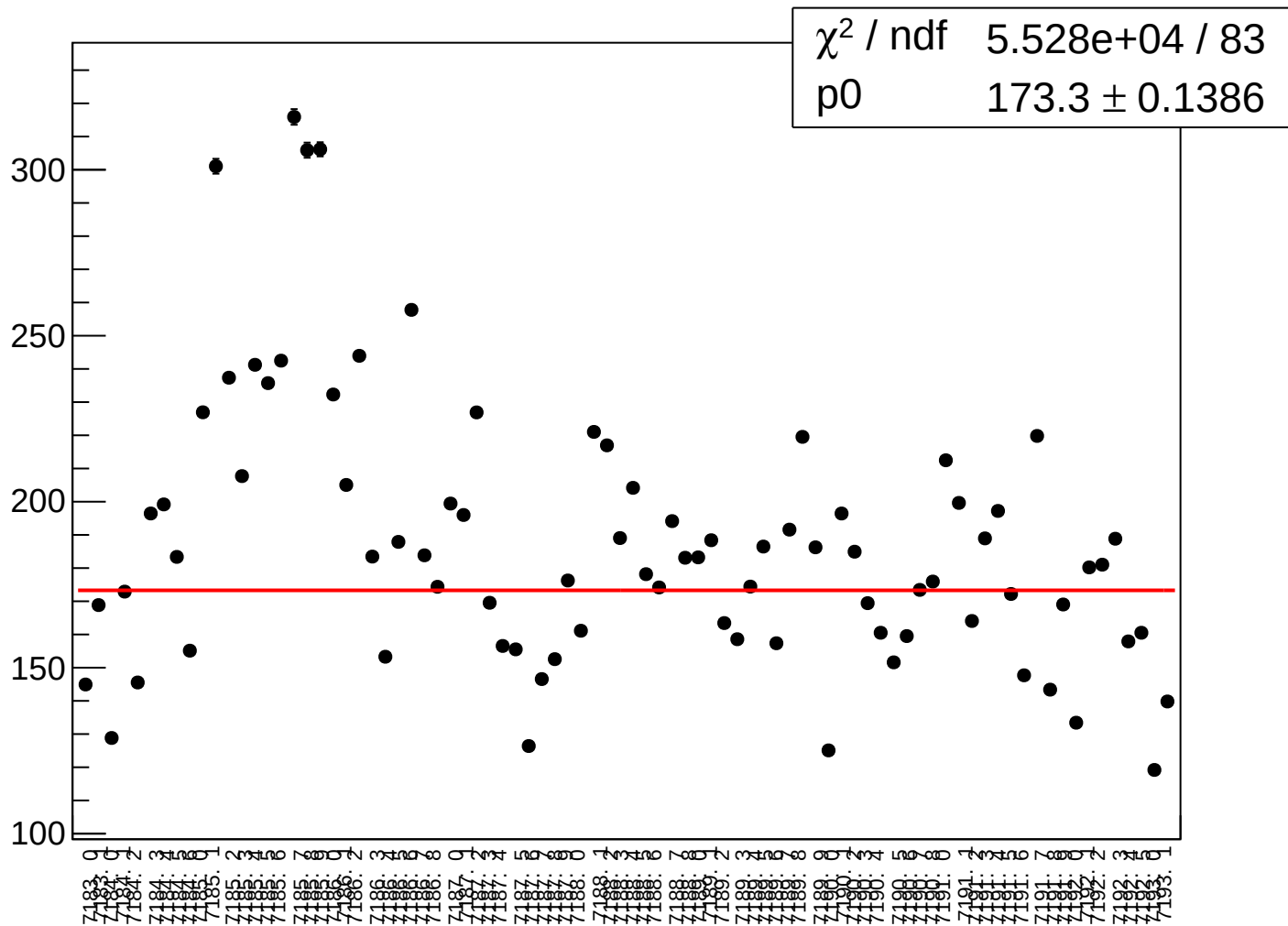
asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs run



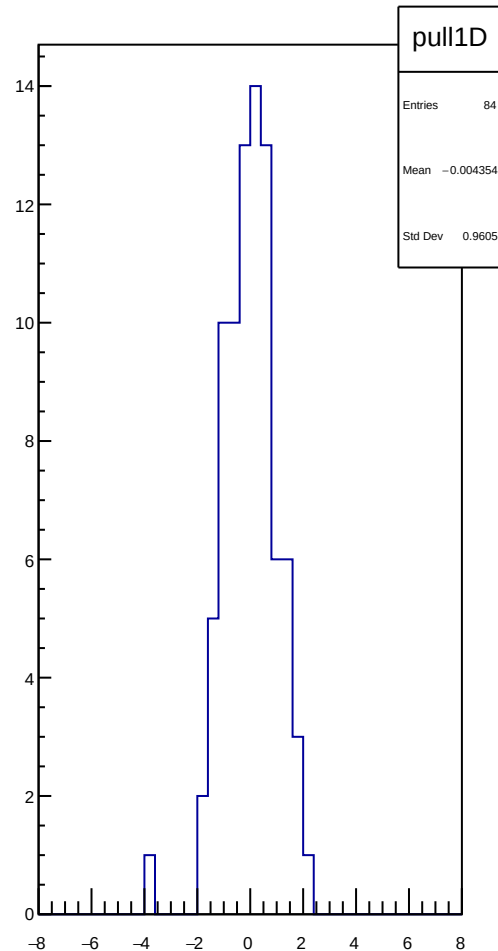
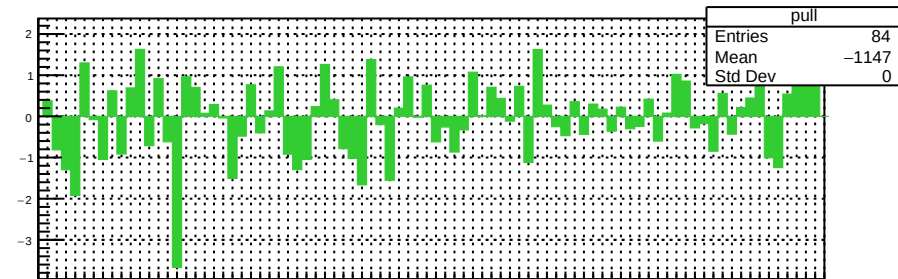
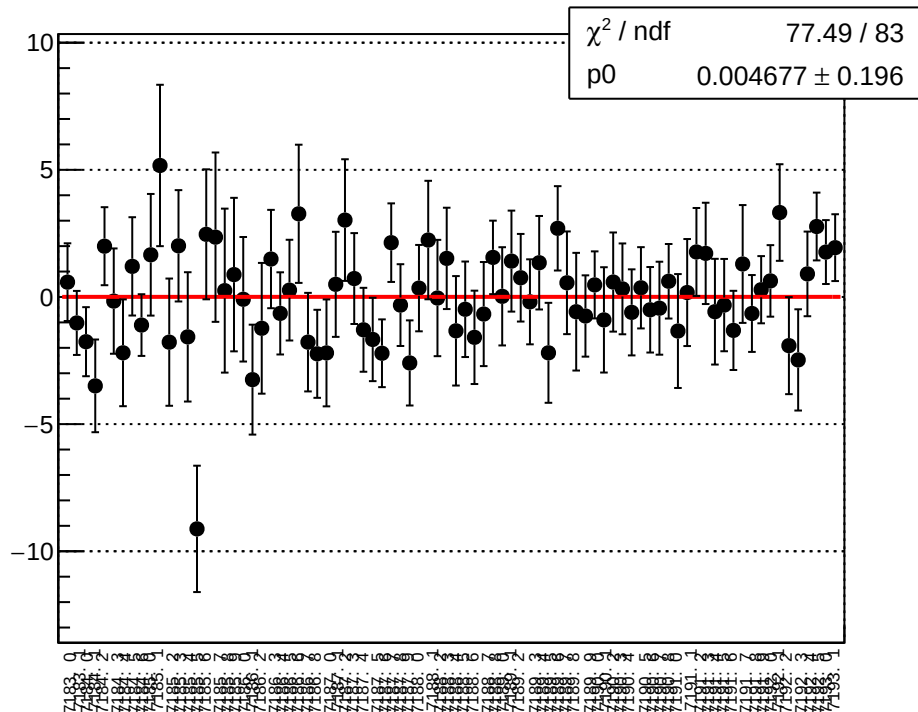
asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs run



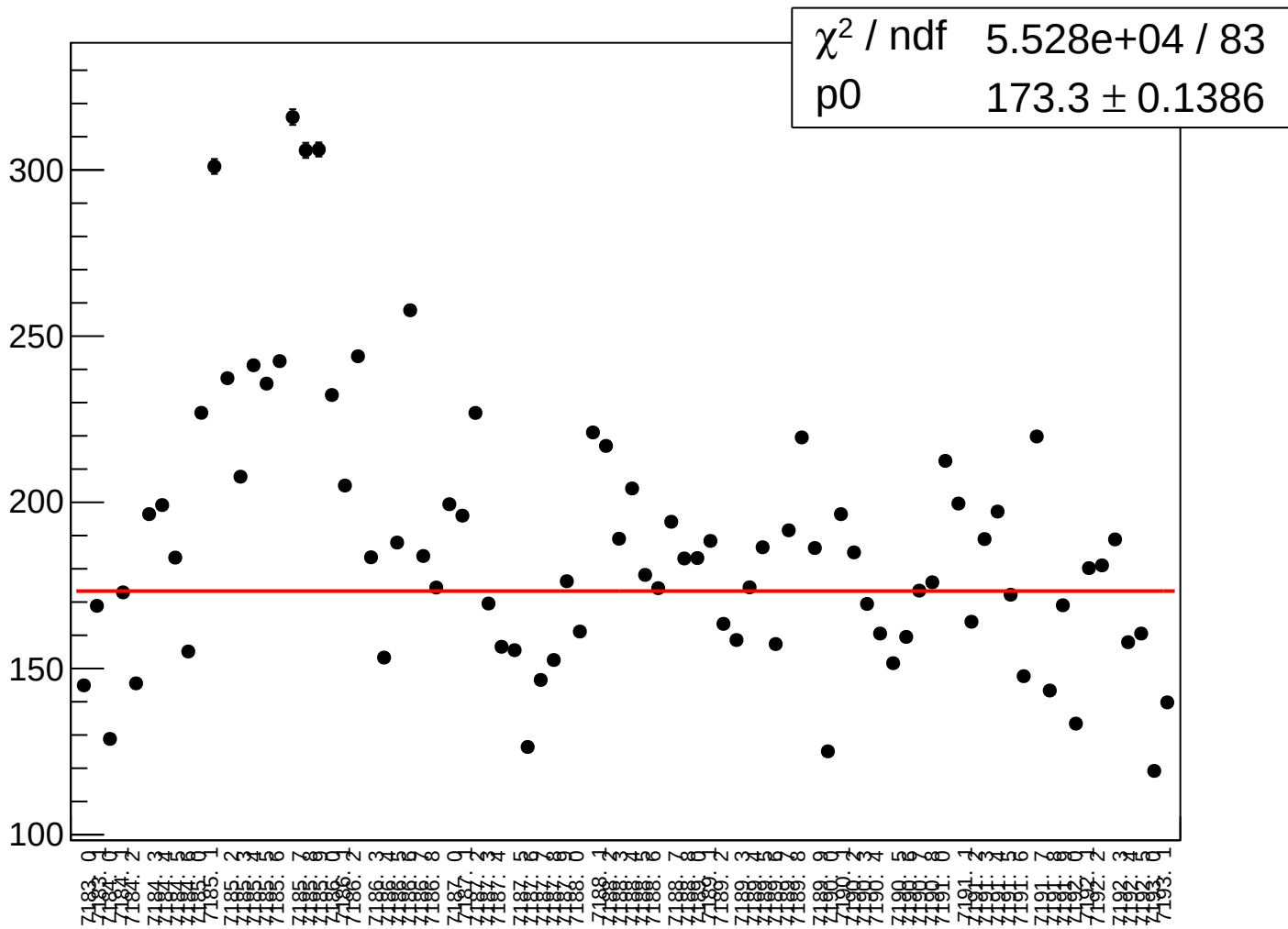
asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs run



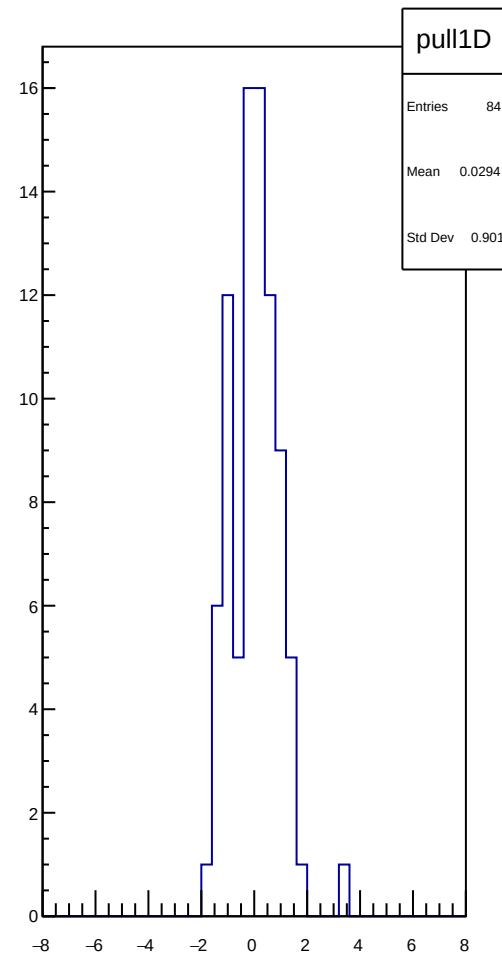
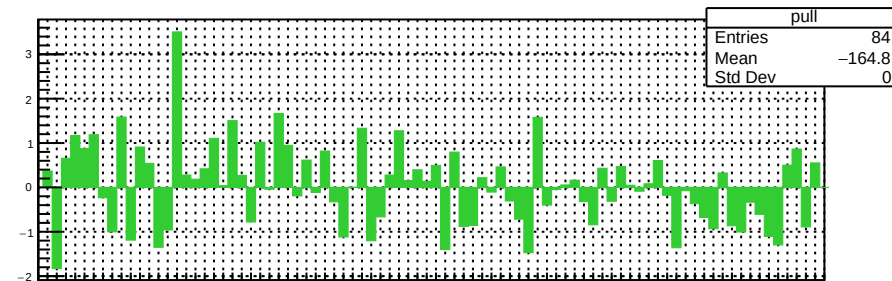
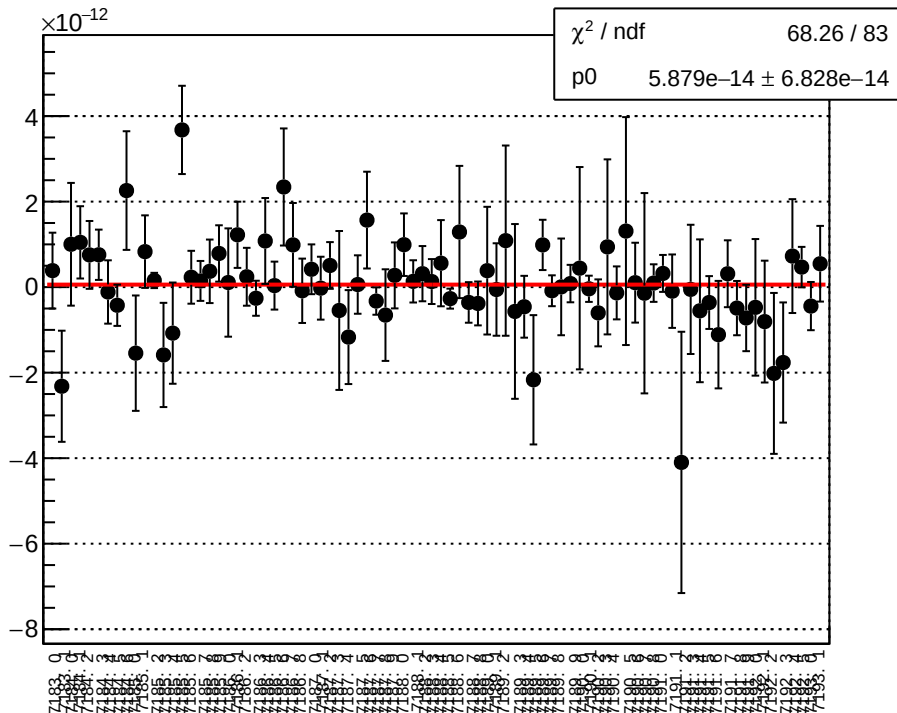
asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



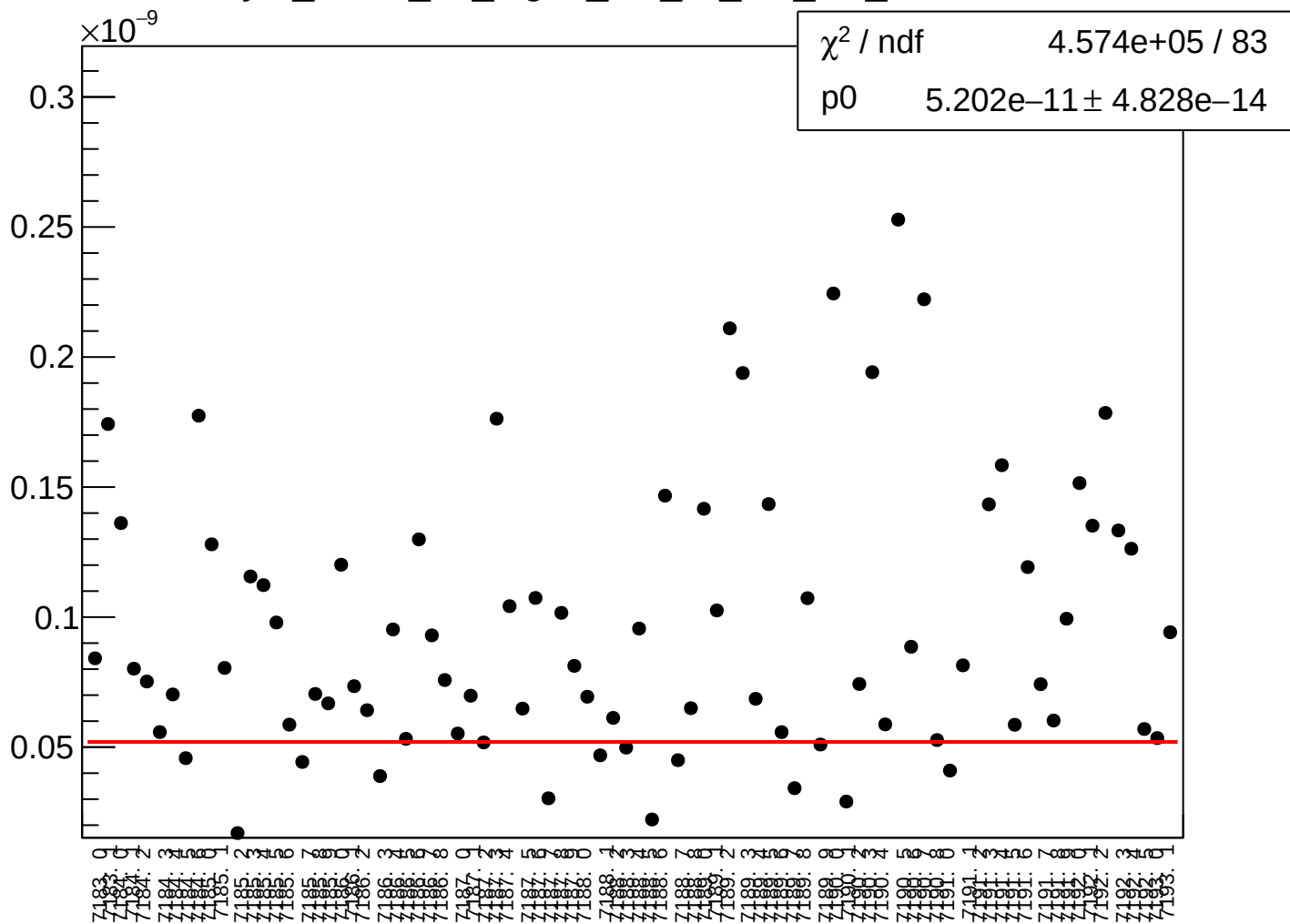
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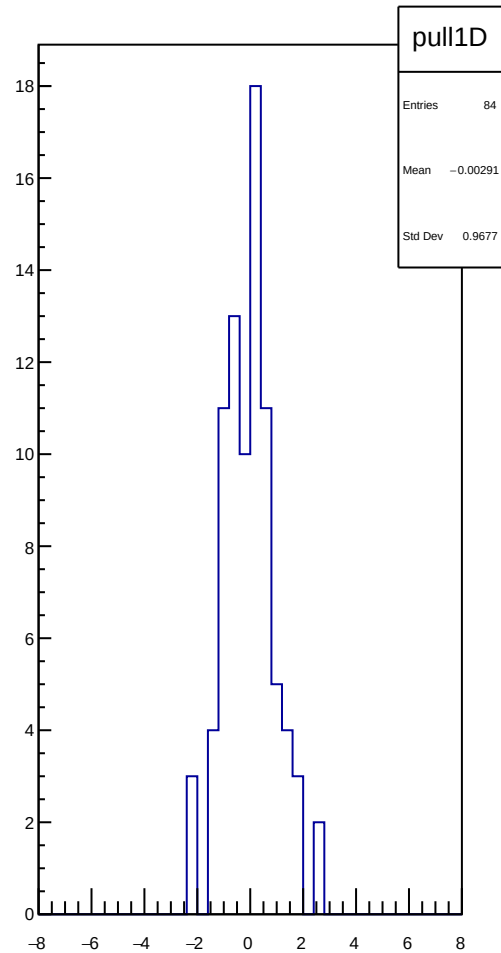
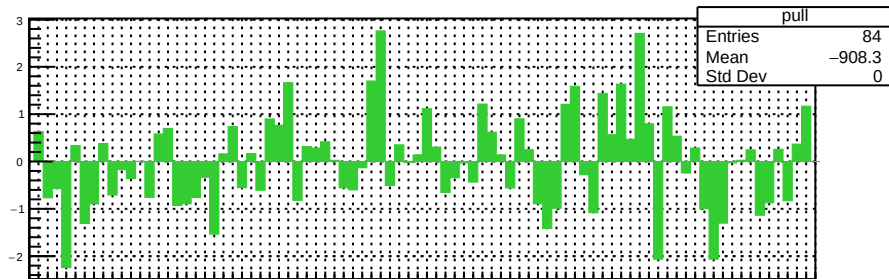
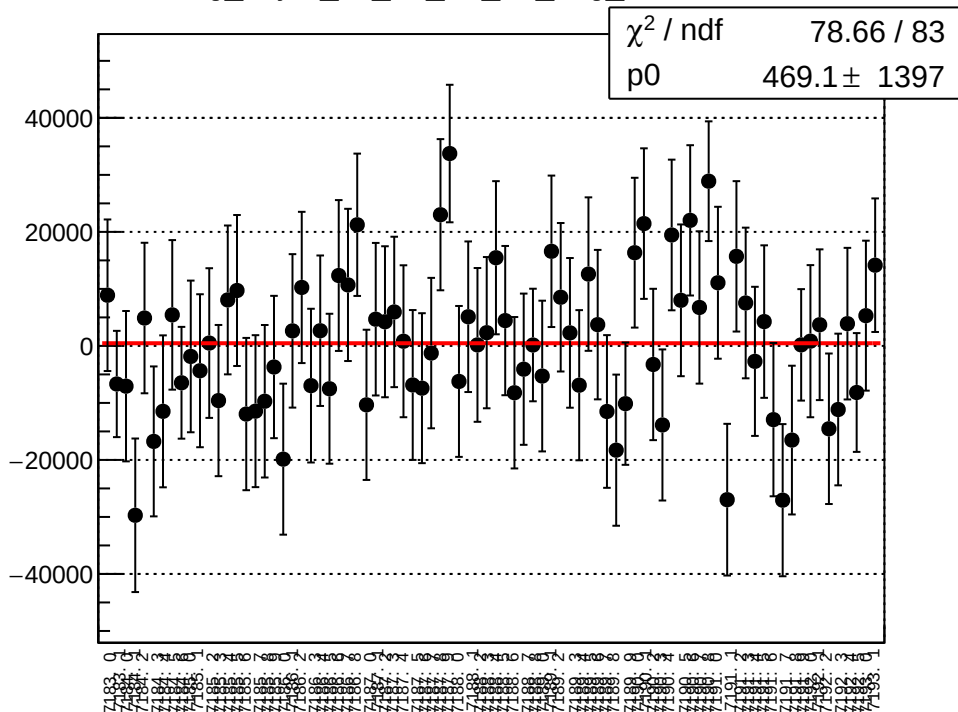
asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs run



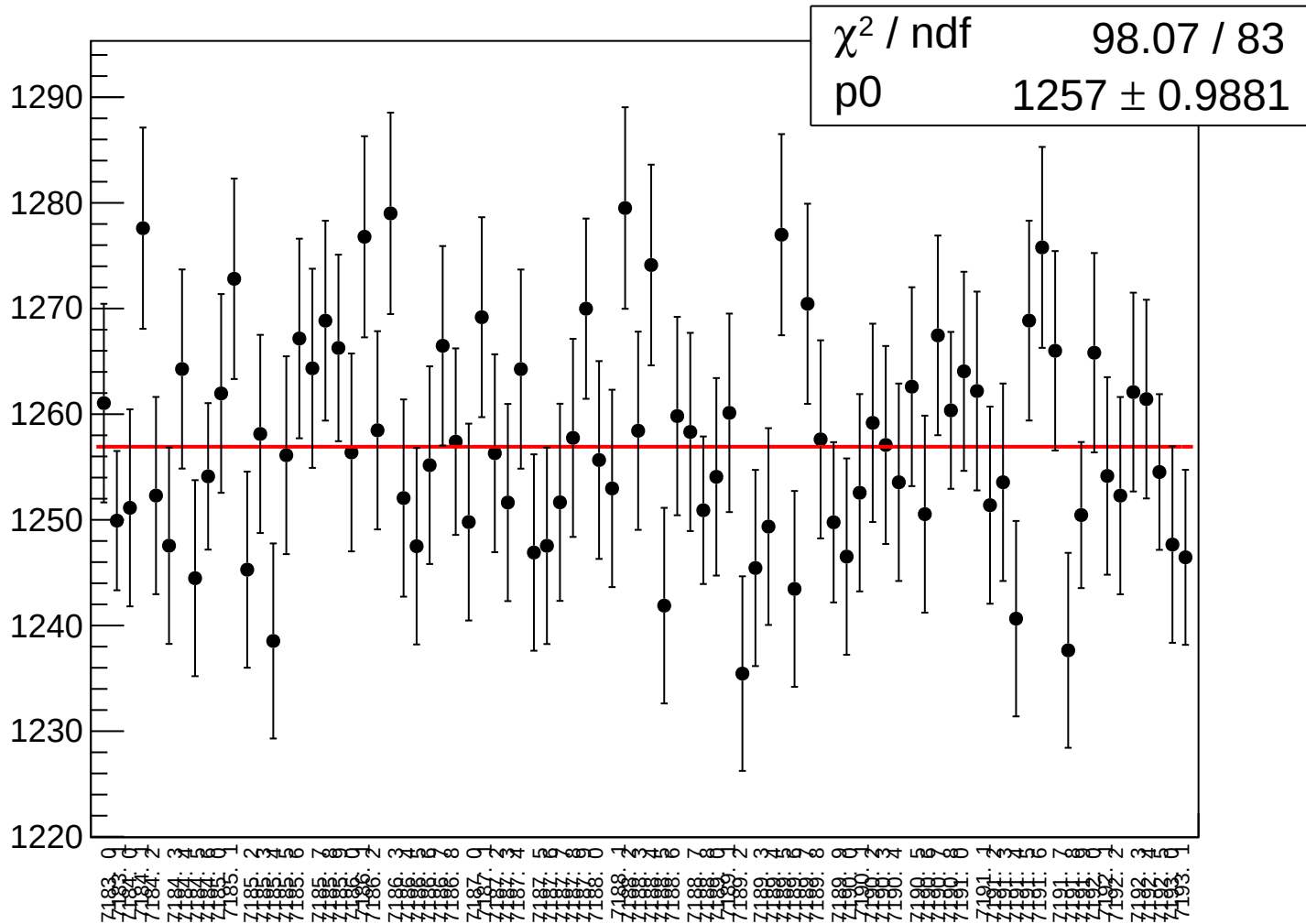
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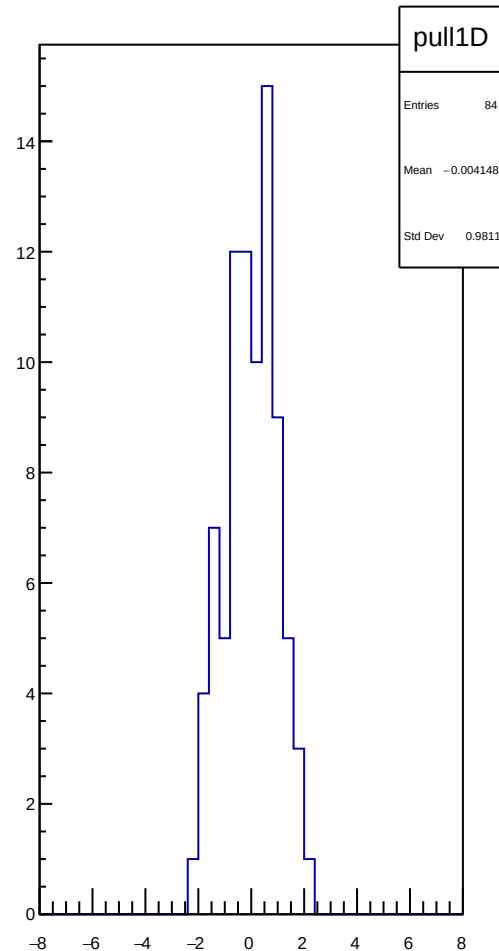
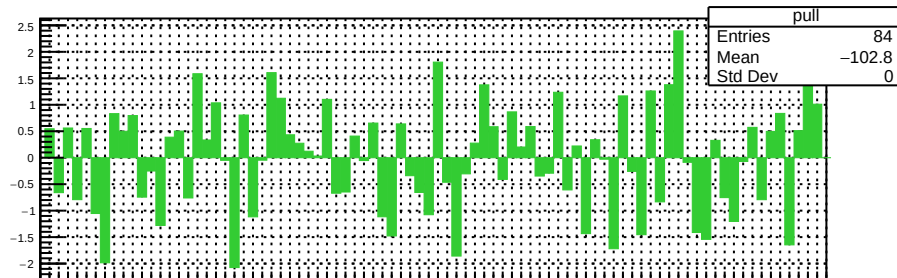
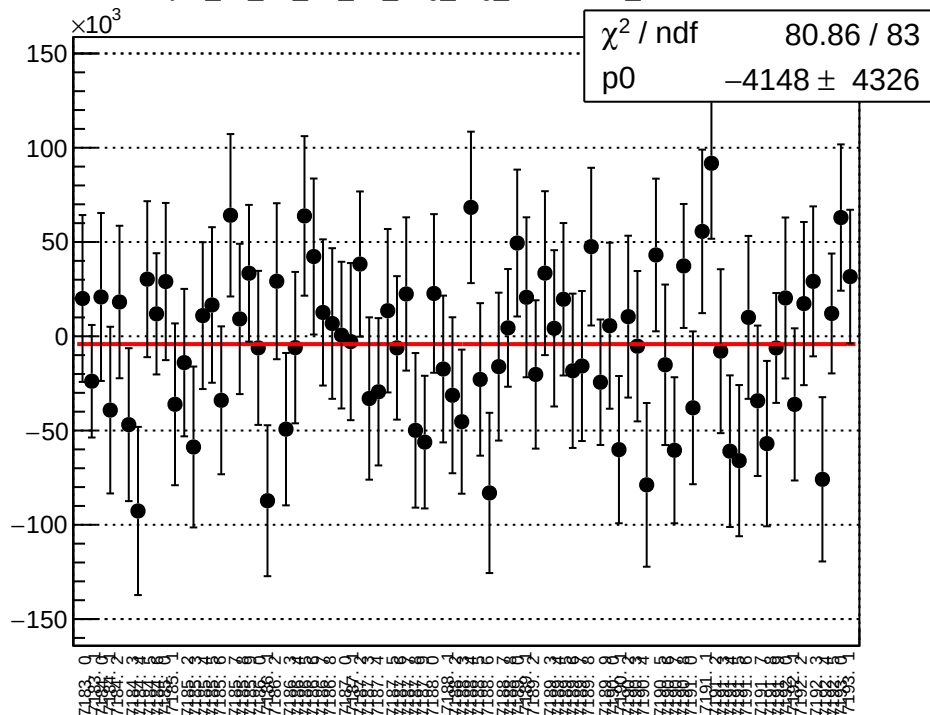
reg_asym_atl_dd_atr_dd_avg_mean vs run



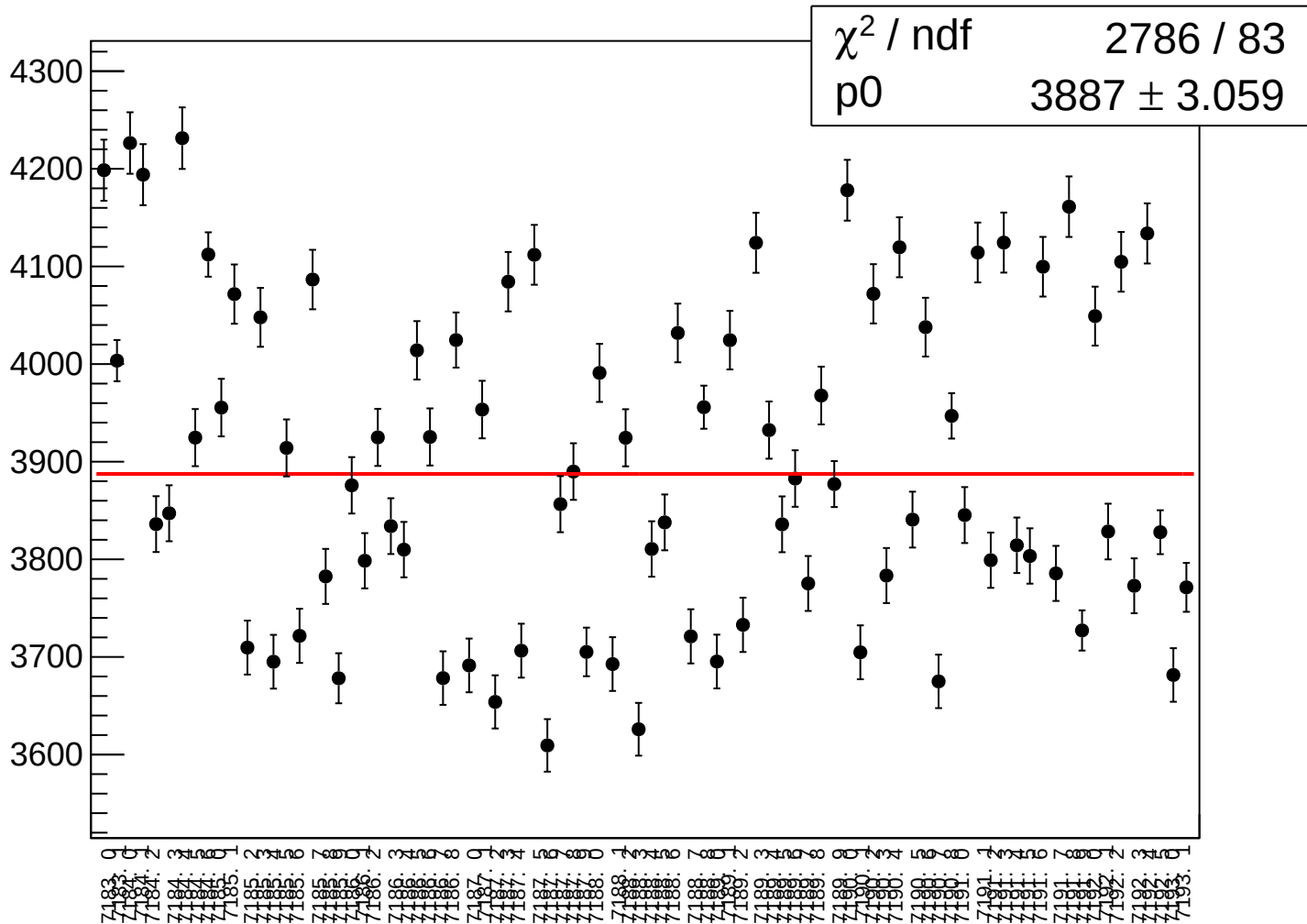
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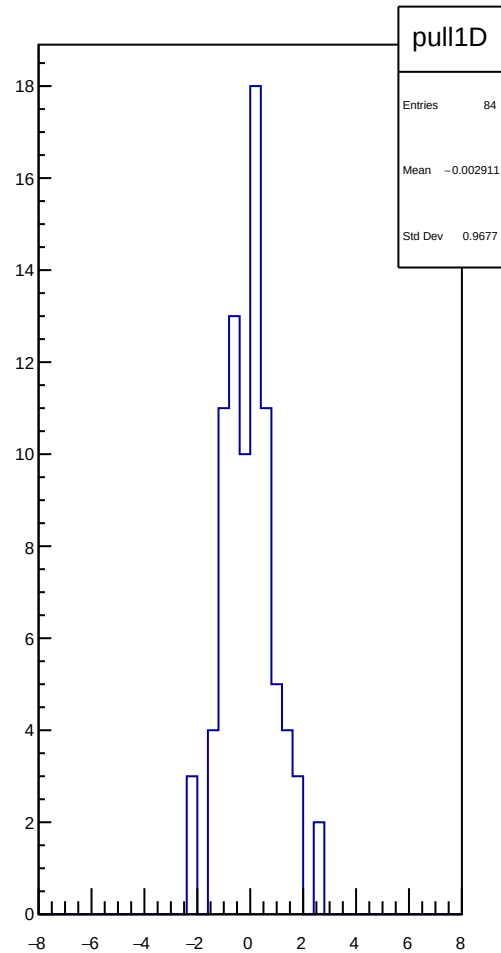
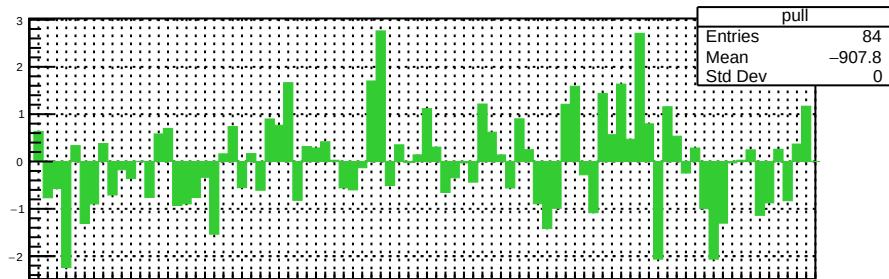
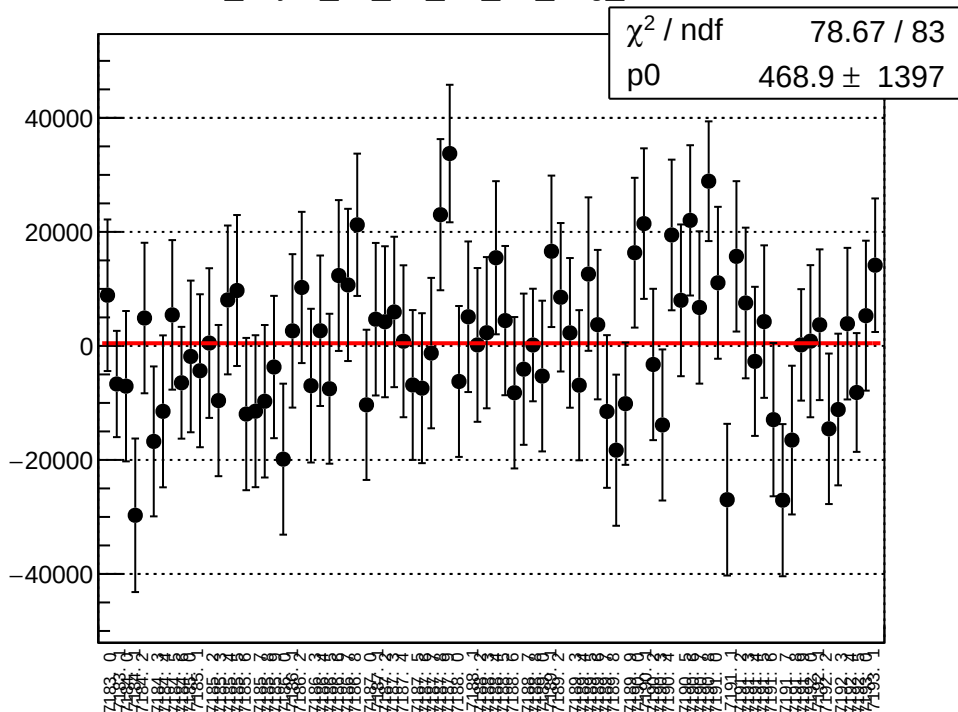
asym_atl_dd_atr_dd_avg_reg_correction_mean vs run



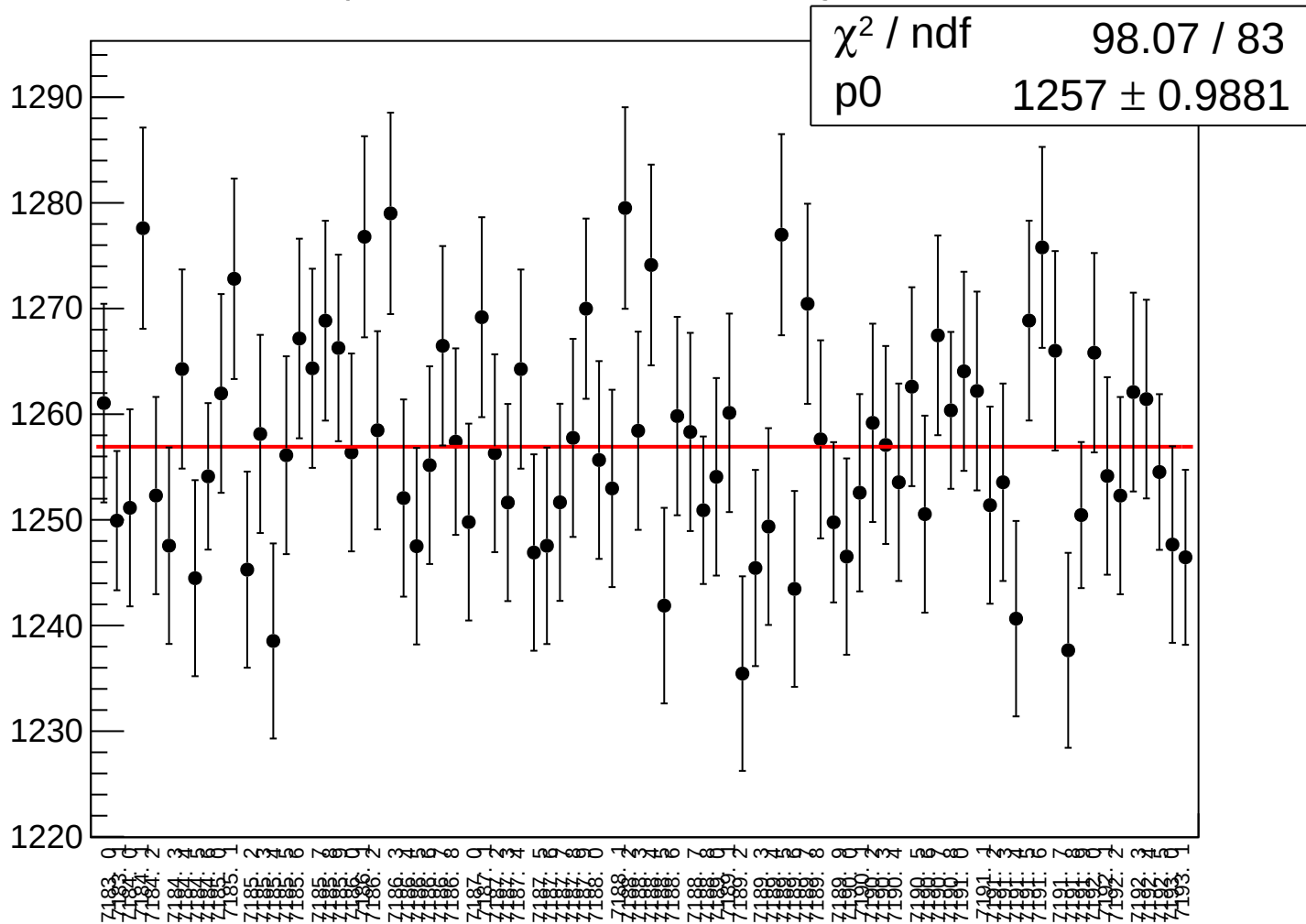
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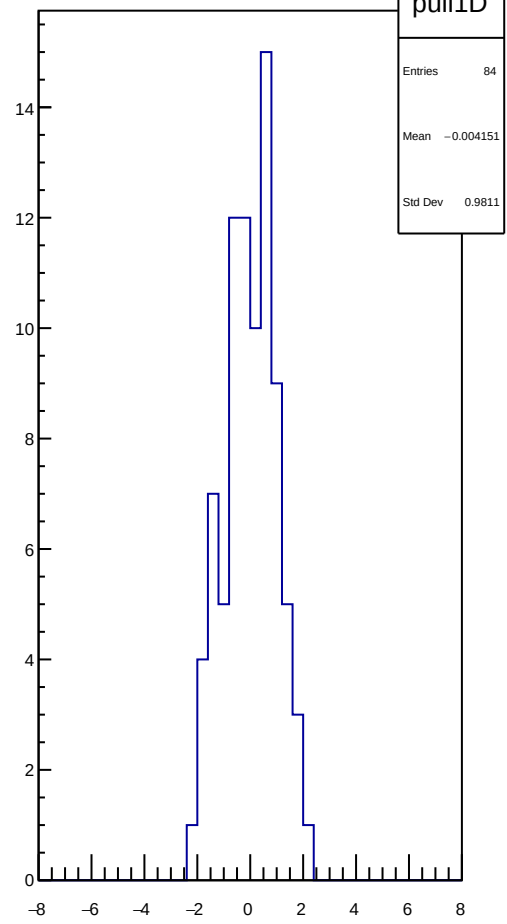
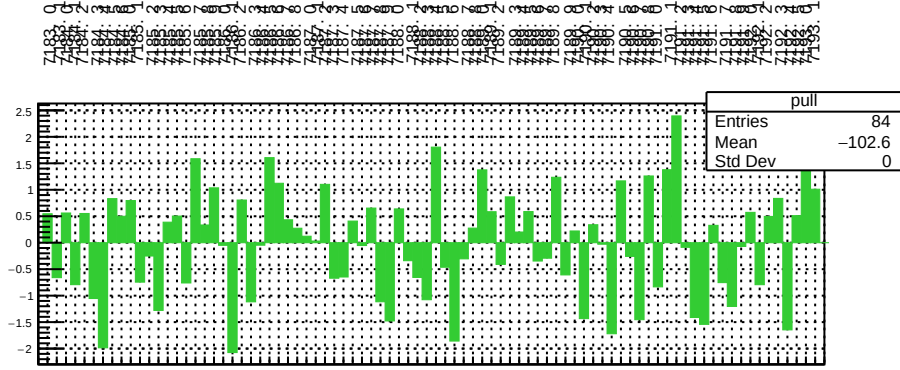
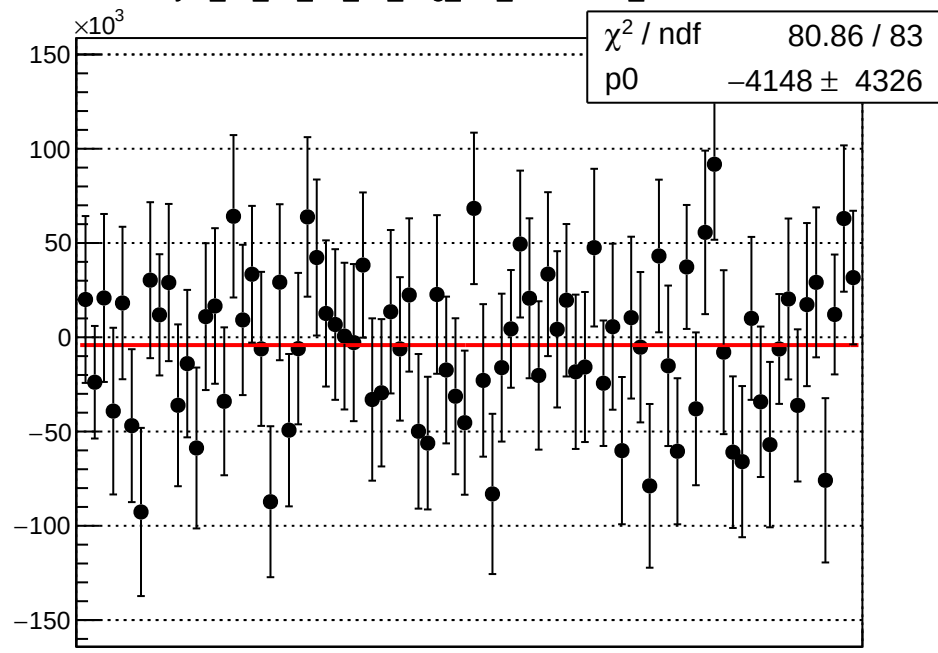
cor_asym_atl_dd_atr_dd_avg_mean vs run



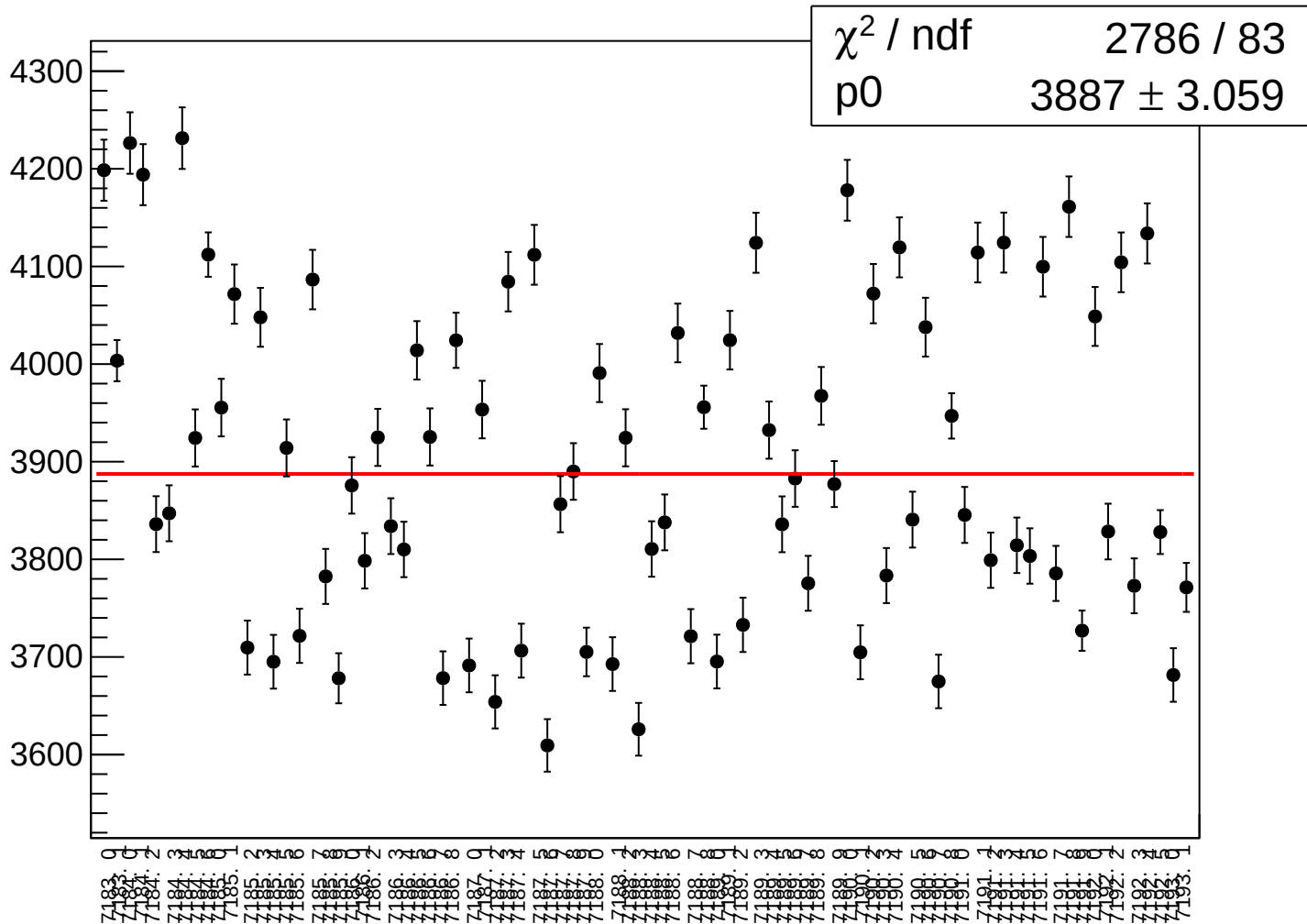
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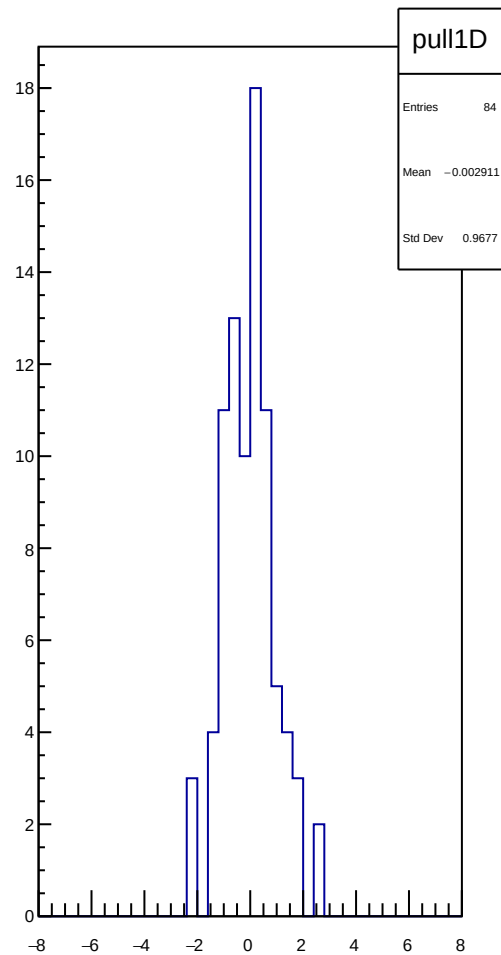
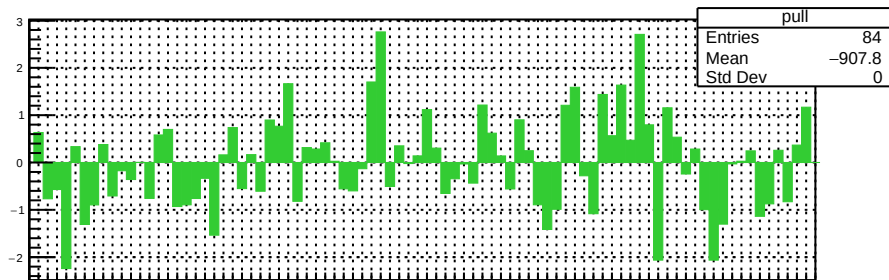
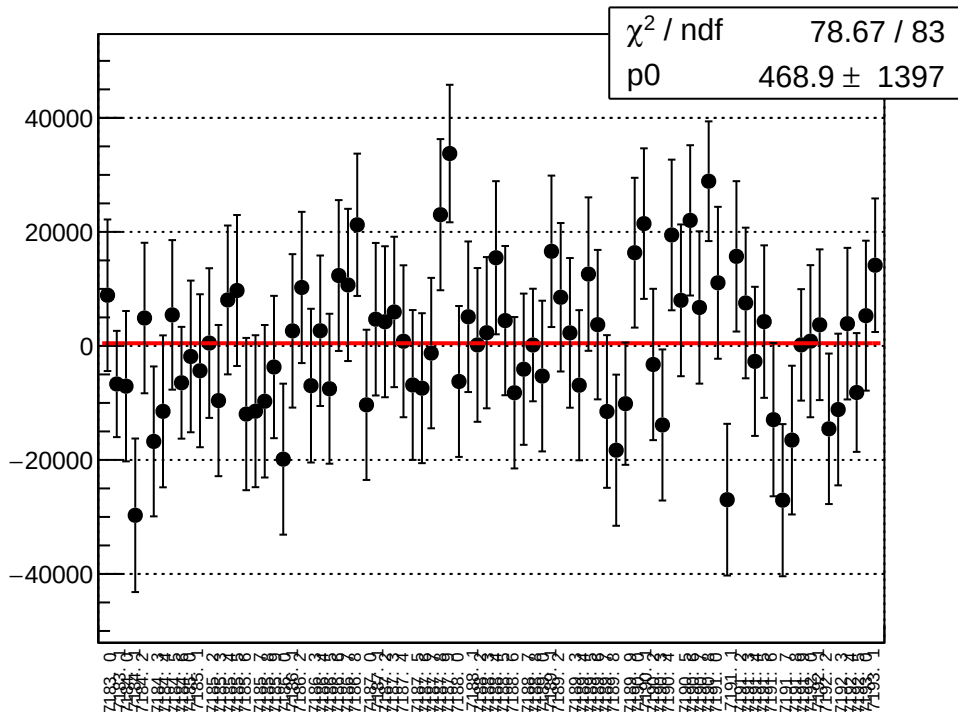
asym_atl_dd_atr_dd_avg_cor_correction_mean vs run



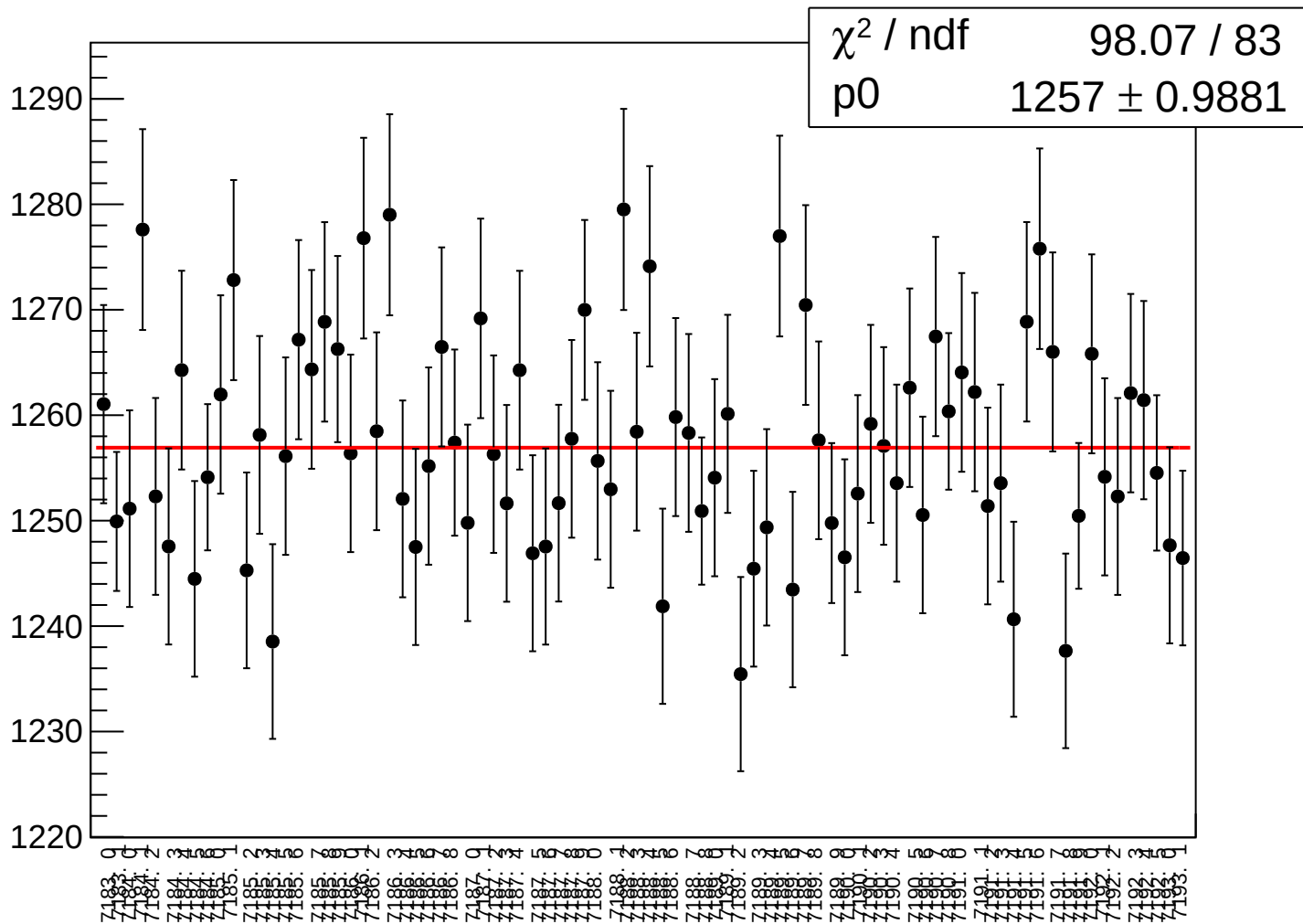
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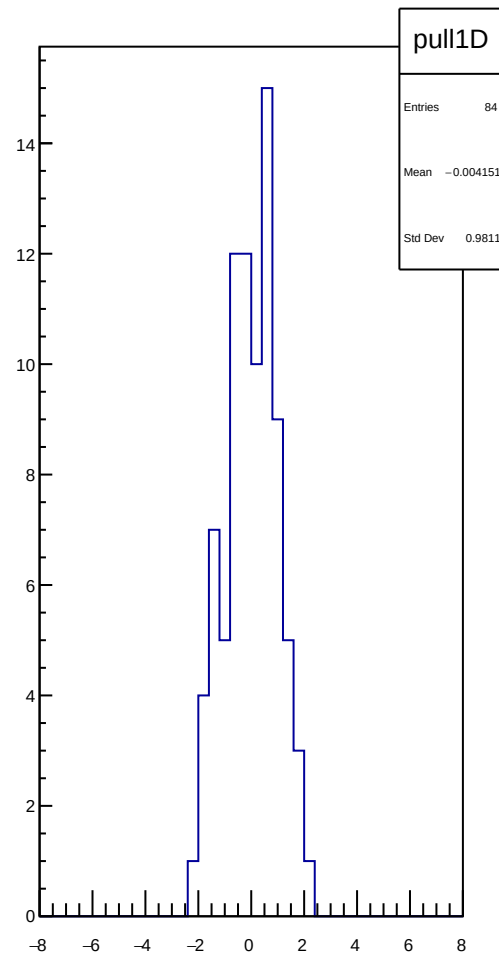
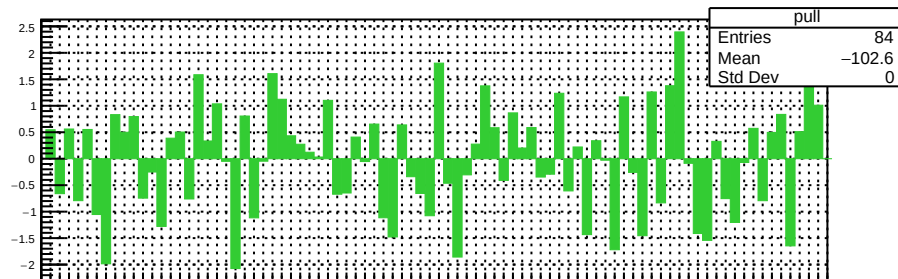
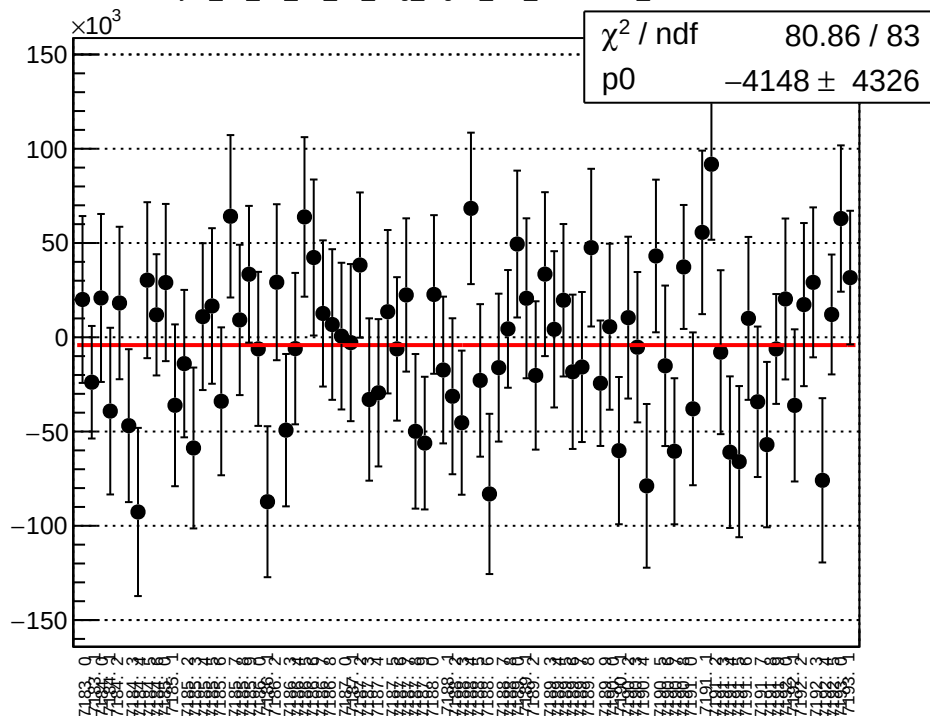
eigen_cor_asym_atl_dd_atr_dd_avg_mean vs run



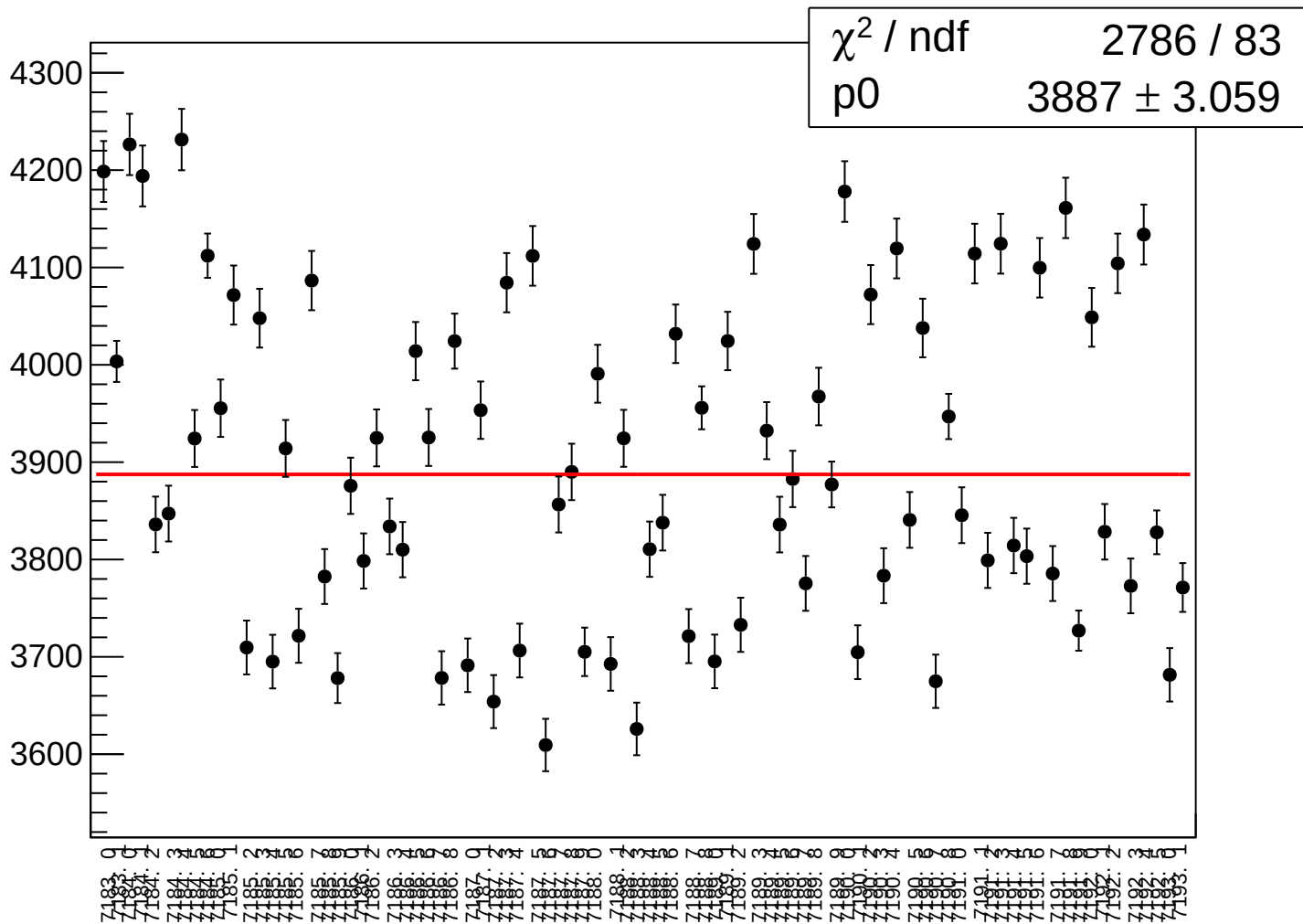
eigen_cor_asym_atl_dd_atr_dd_avg_rms vs run



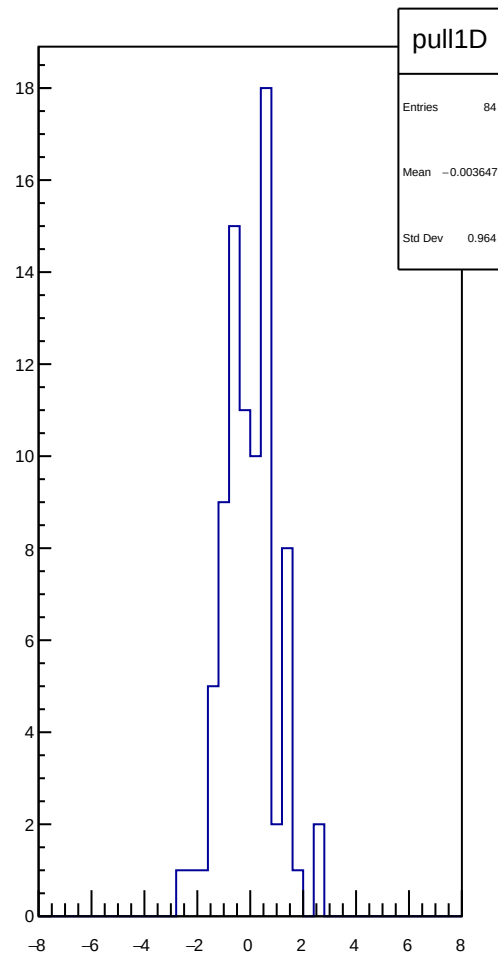
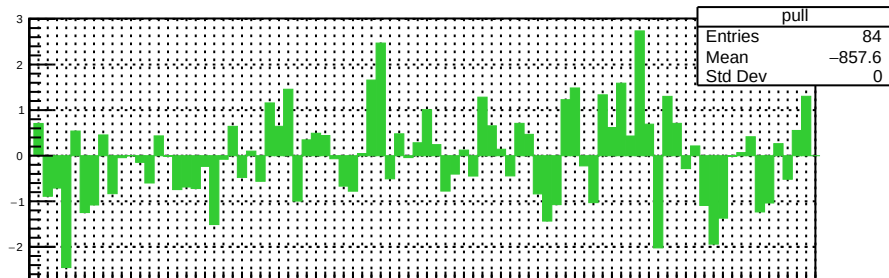
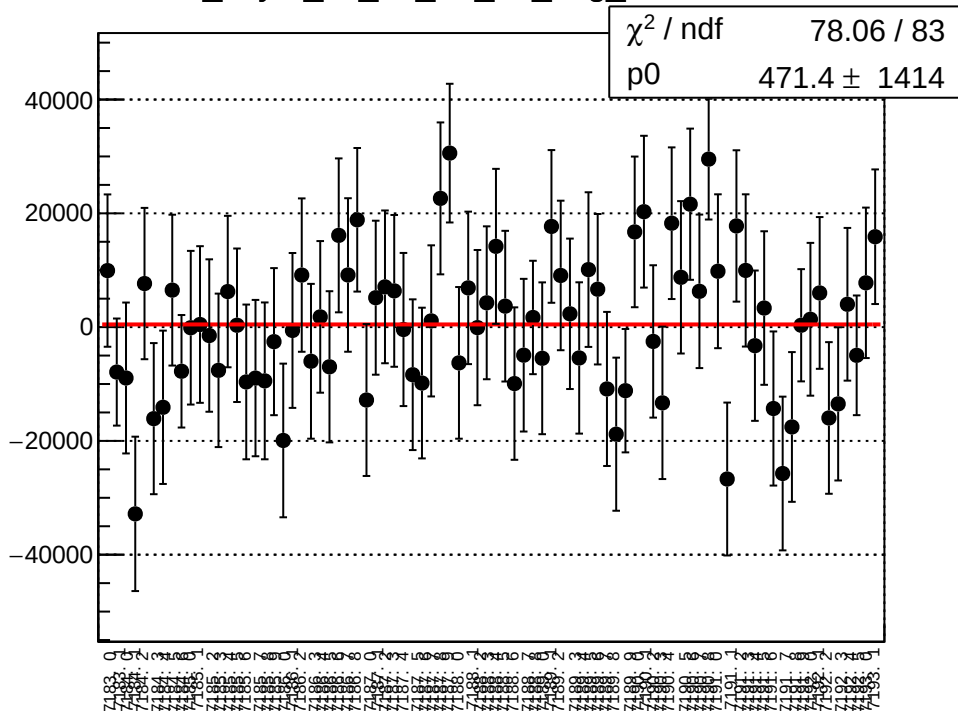
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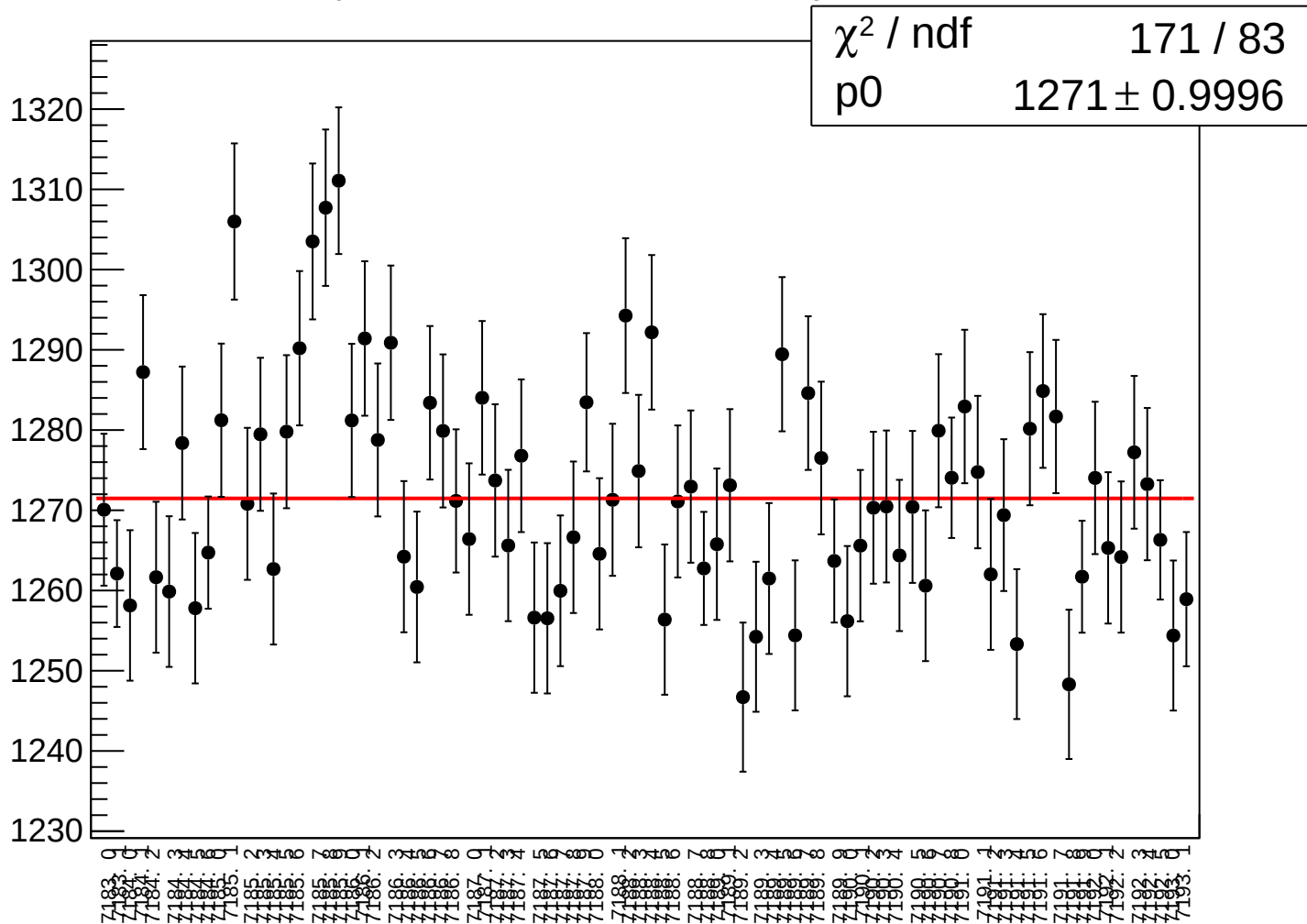
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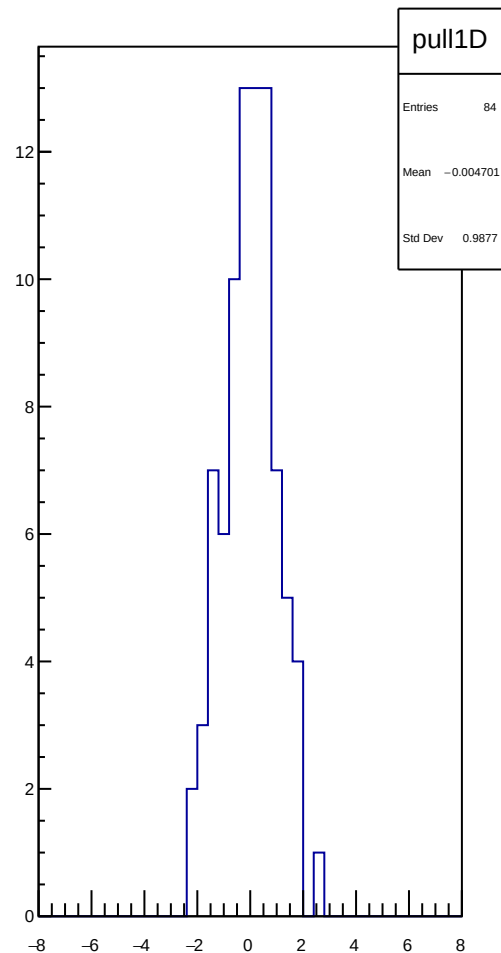
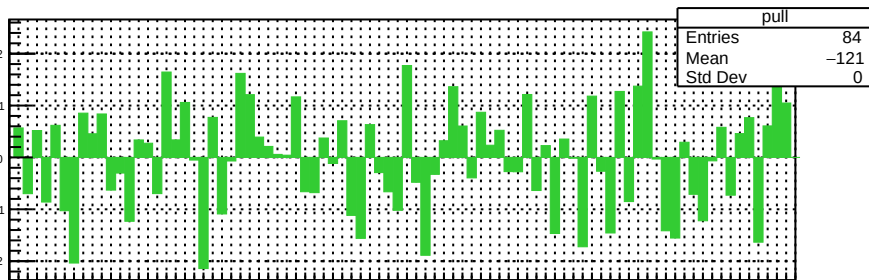
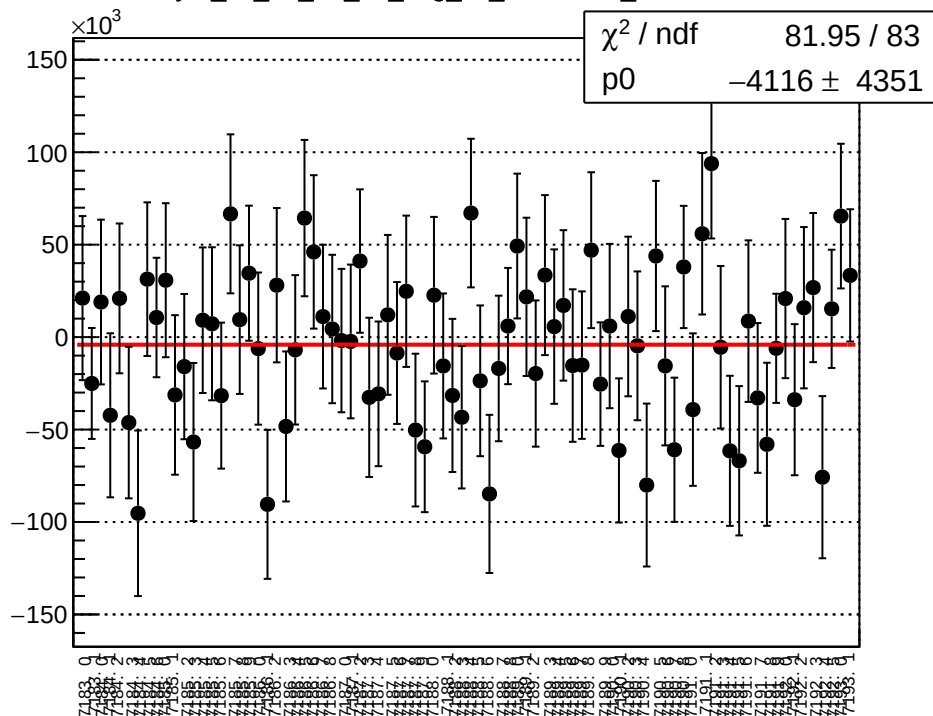
dit_asym_atl_dd_atr_dd_avg_mean vs run



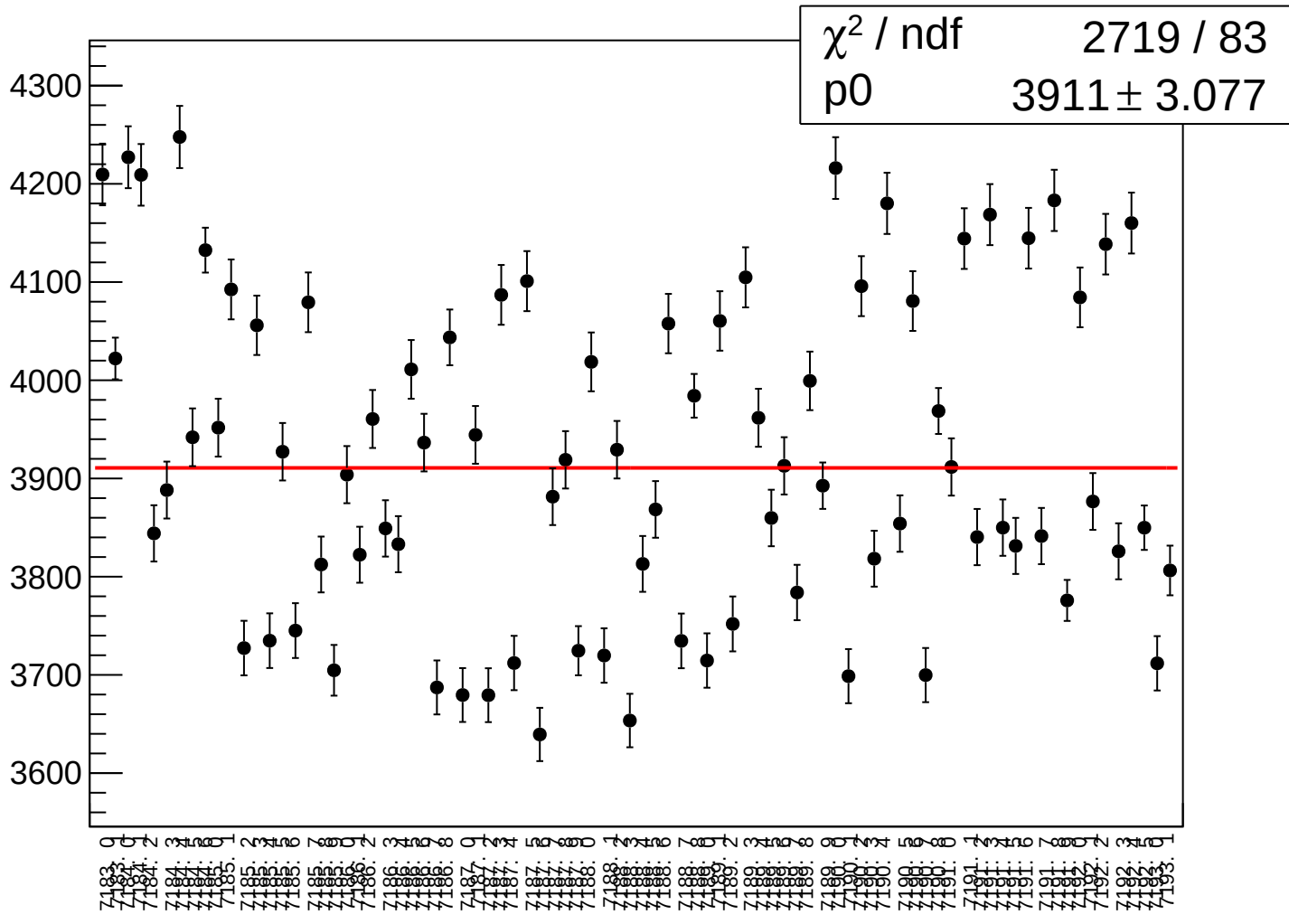
dit_asym_atl_dd_atr_dd_avg_rms vs run



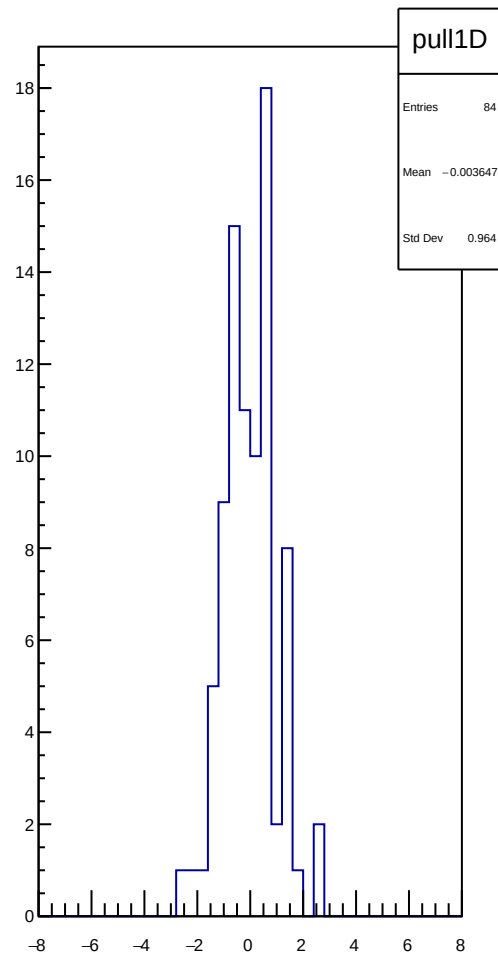
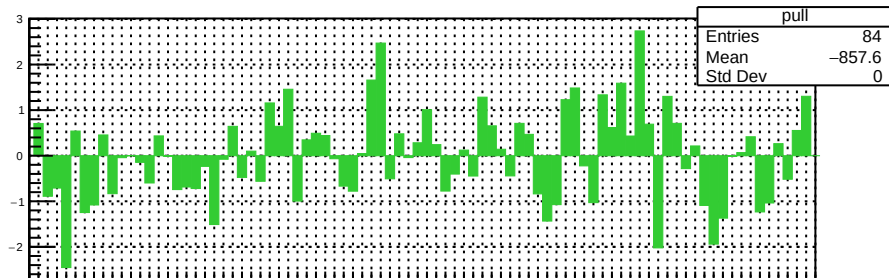
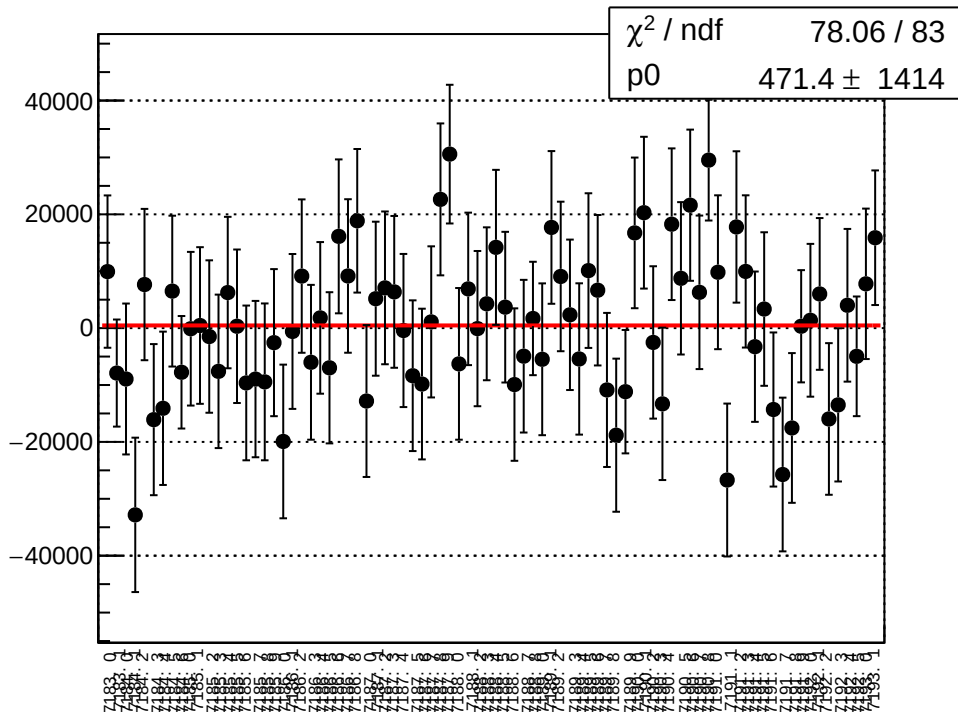
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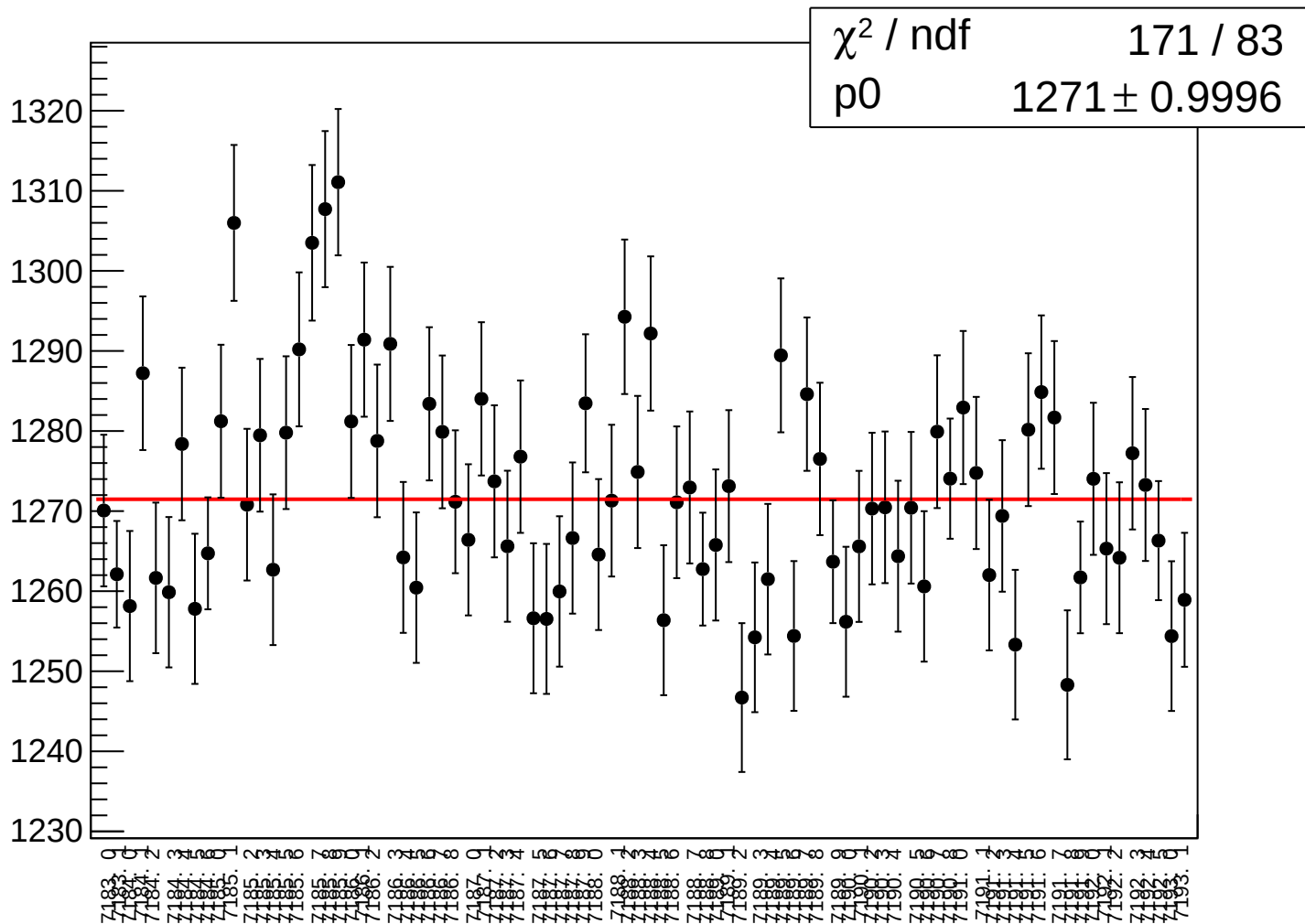
asym_atl_dd_atr_dd_avg_dit_correction_rms vs run



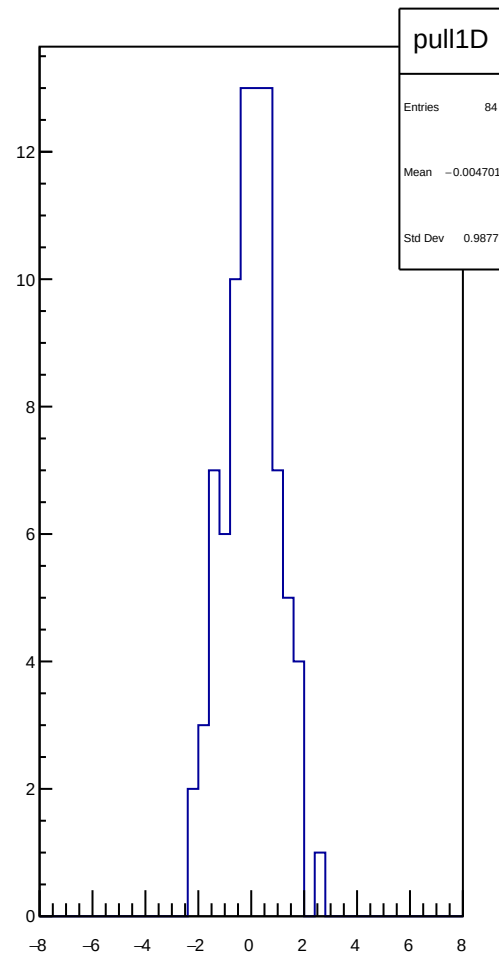
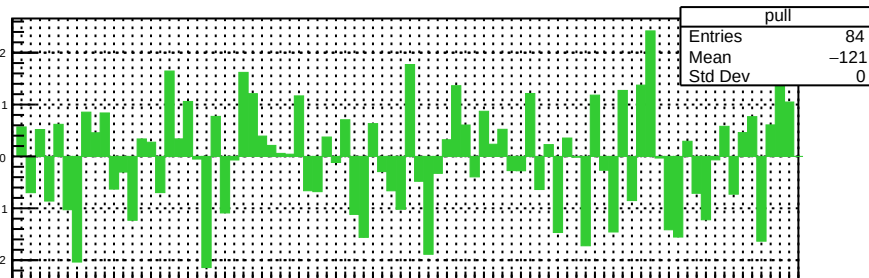
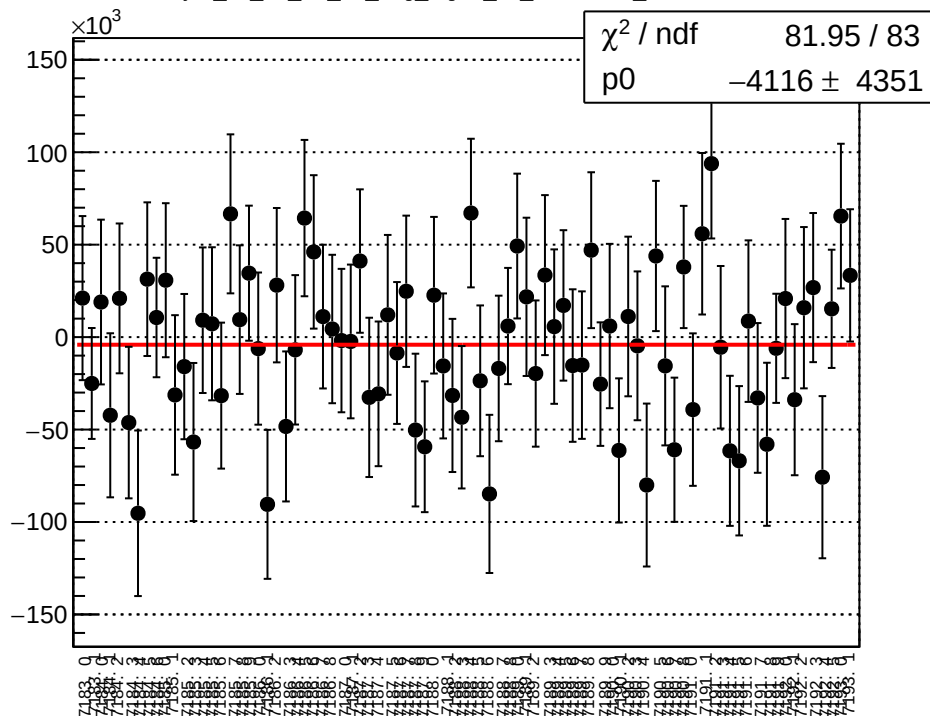
eigen_dit_asym_atl_dd_atr_dd_avg_mean vs run



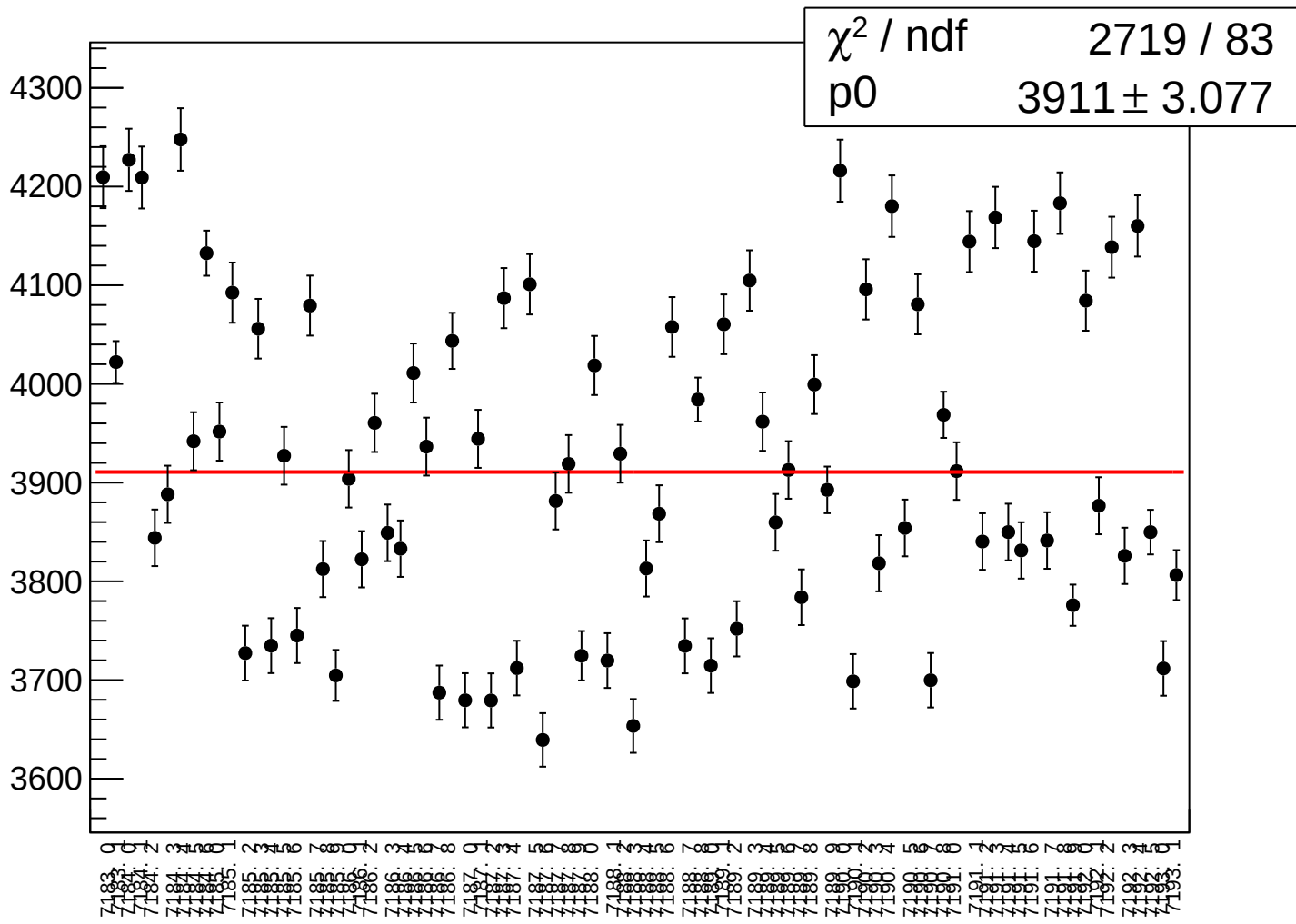
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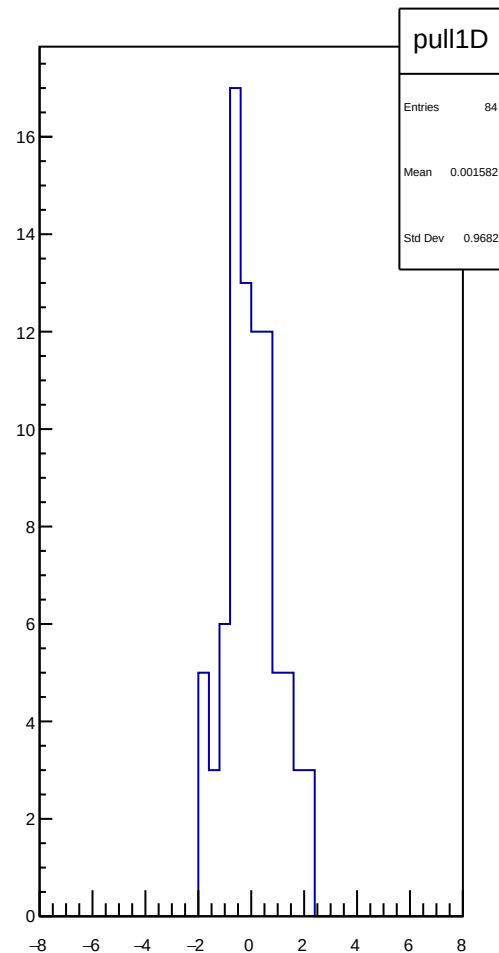
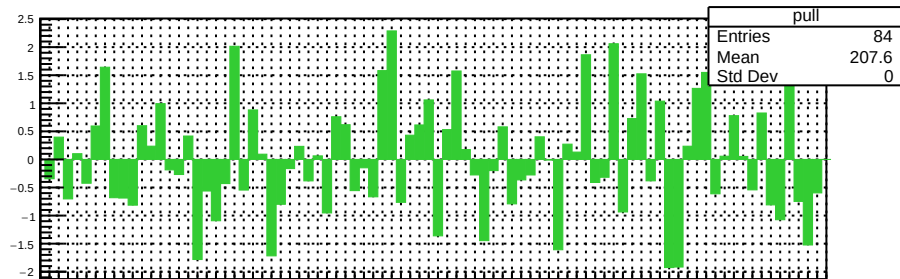
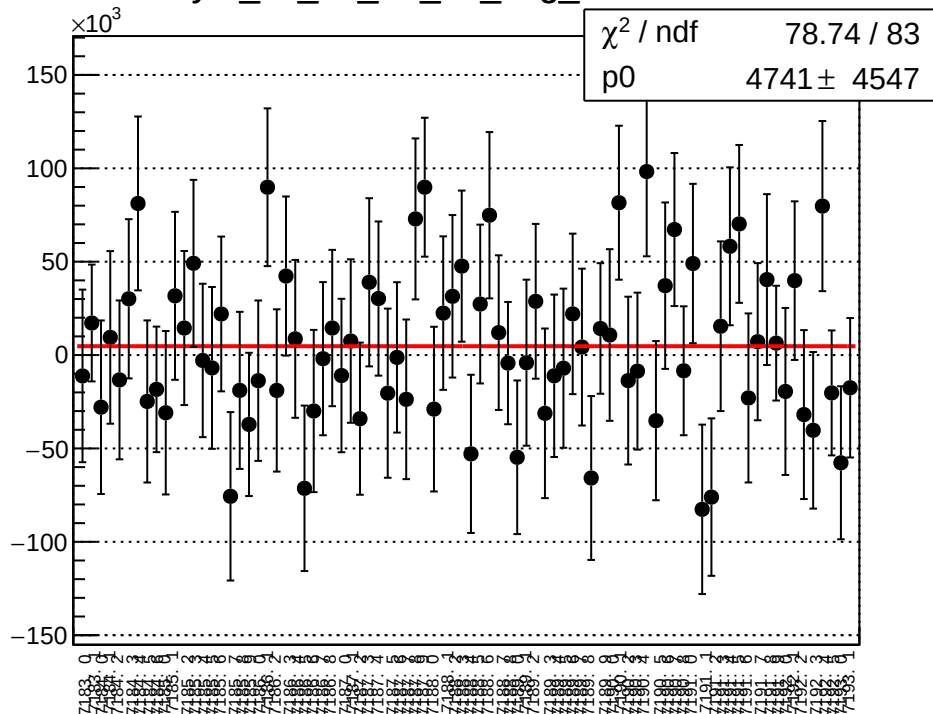
asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs run



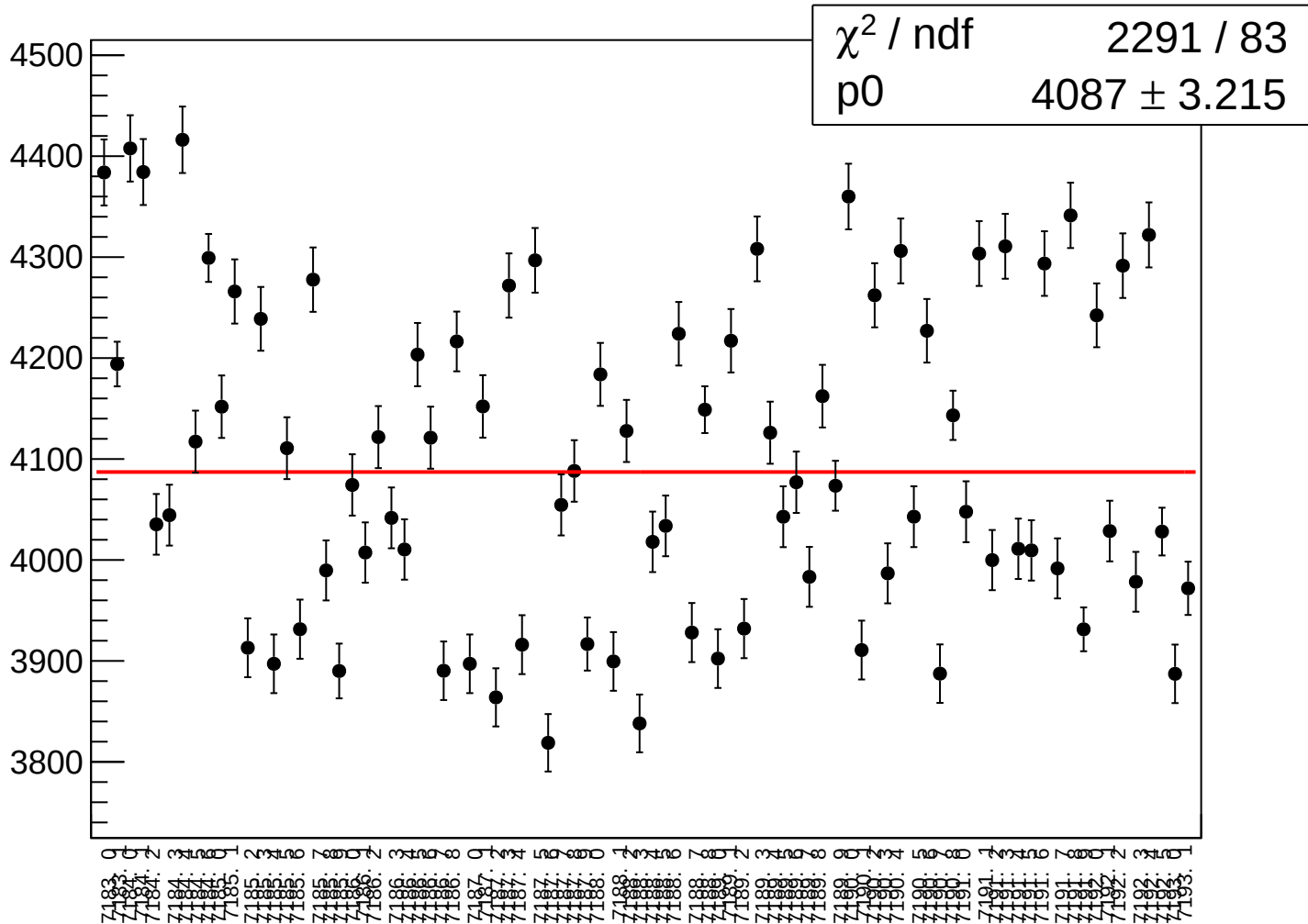
asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs run



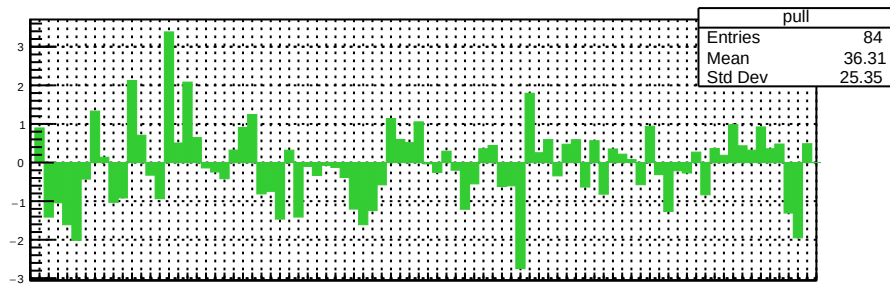
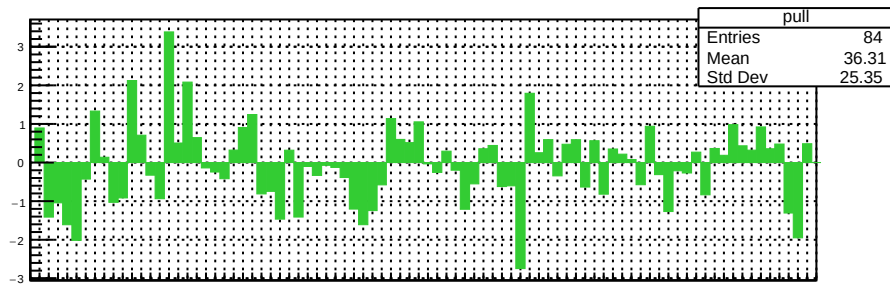
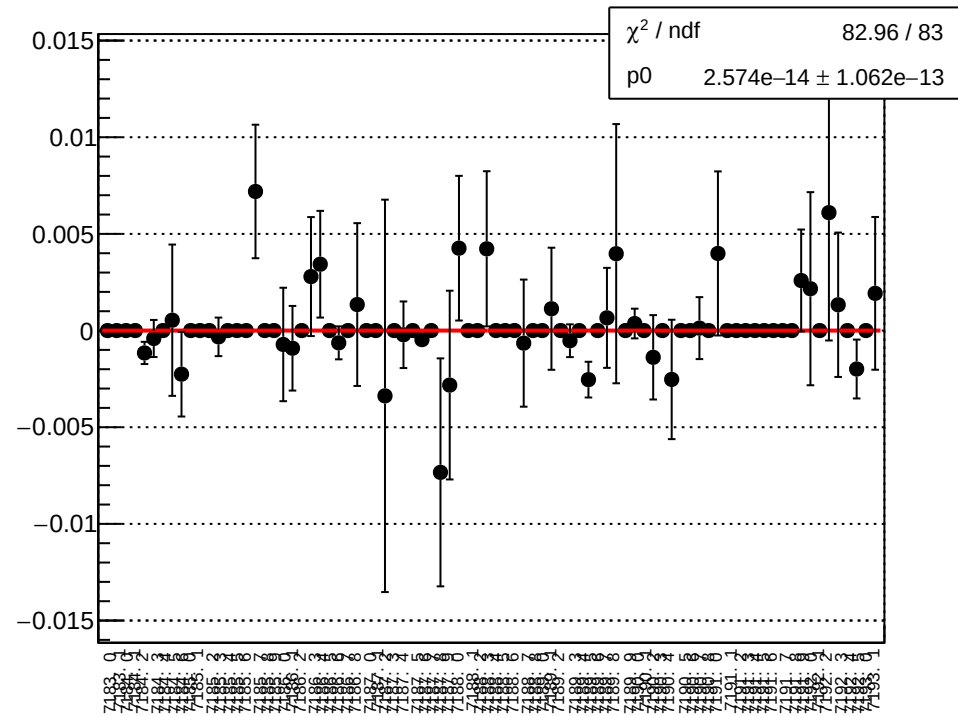
asym_atl_dd_atr_dd_avg_mean vs run



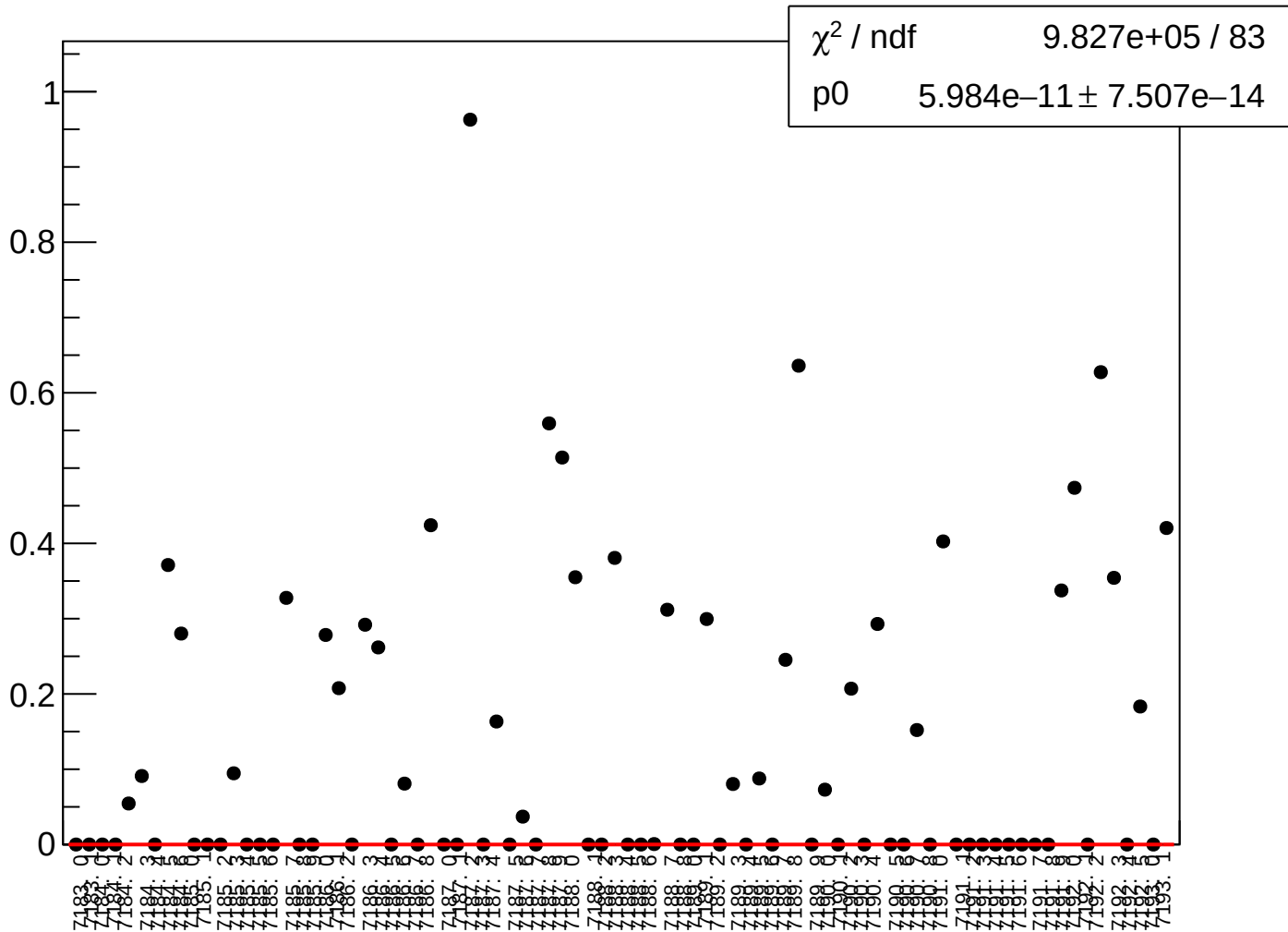
asym_atl_dd_atr_dd_avg_rms vs run



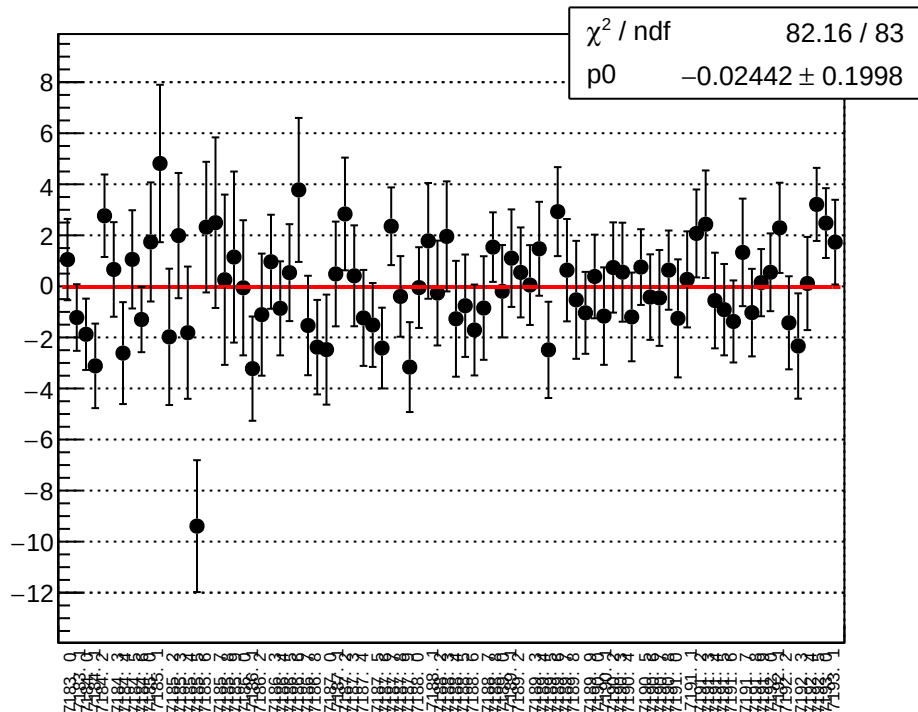
asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs run



asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs run



asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs run



χ^2 / ndf

82.16 / 83

p0

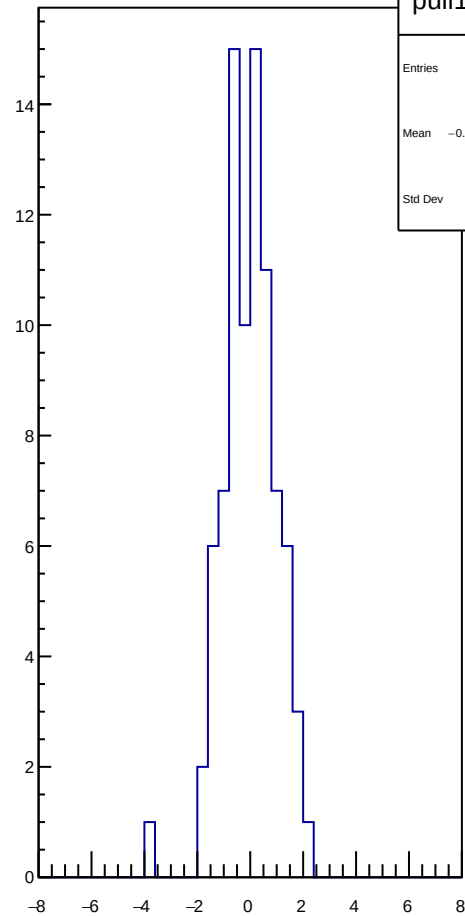
-0.02442 ± 0.1998

pull1D

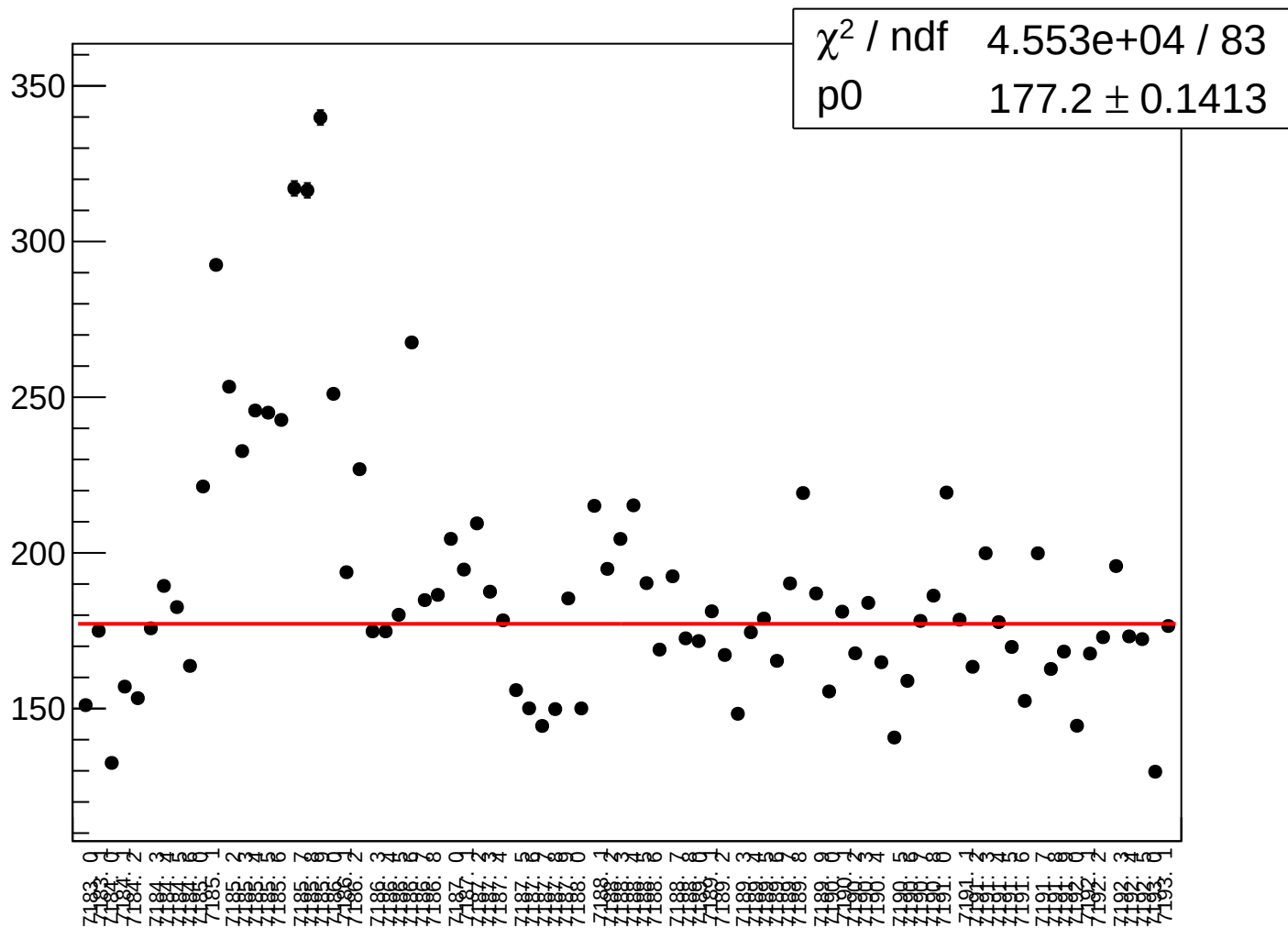
Entries 84

Mean -0.00323

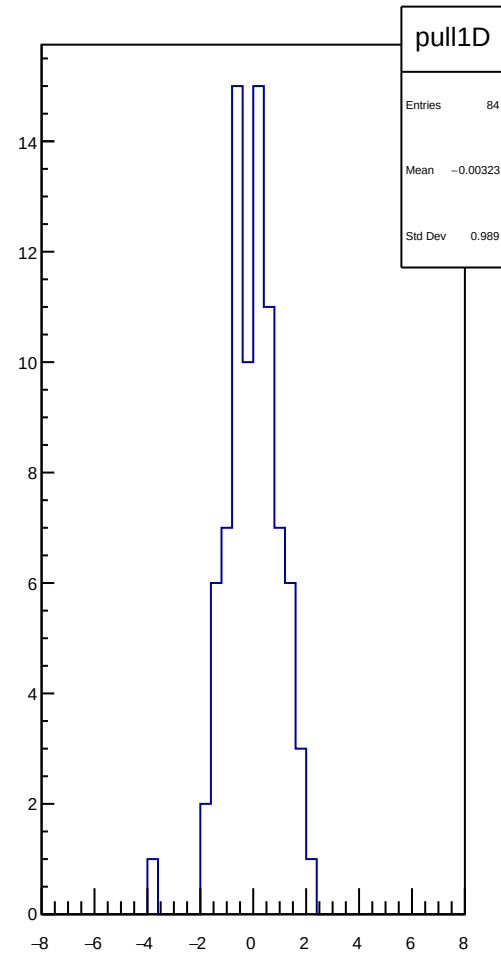
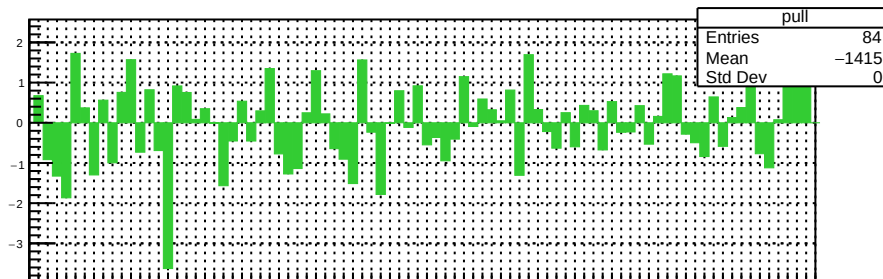
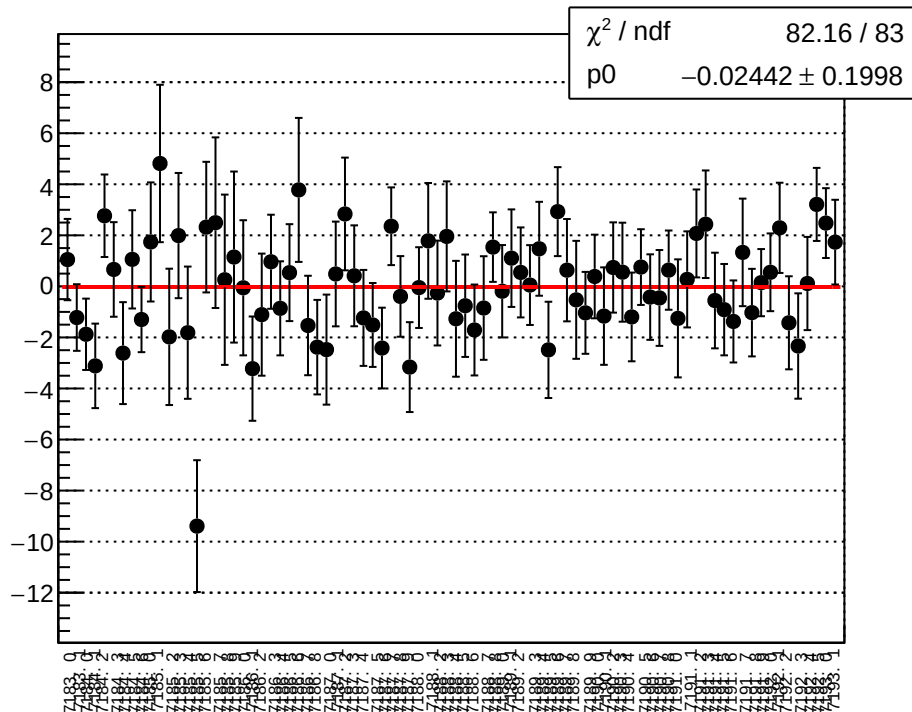
Std Dev 0.989



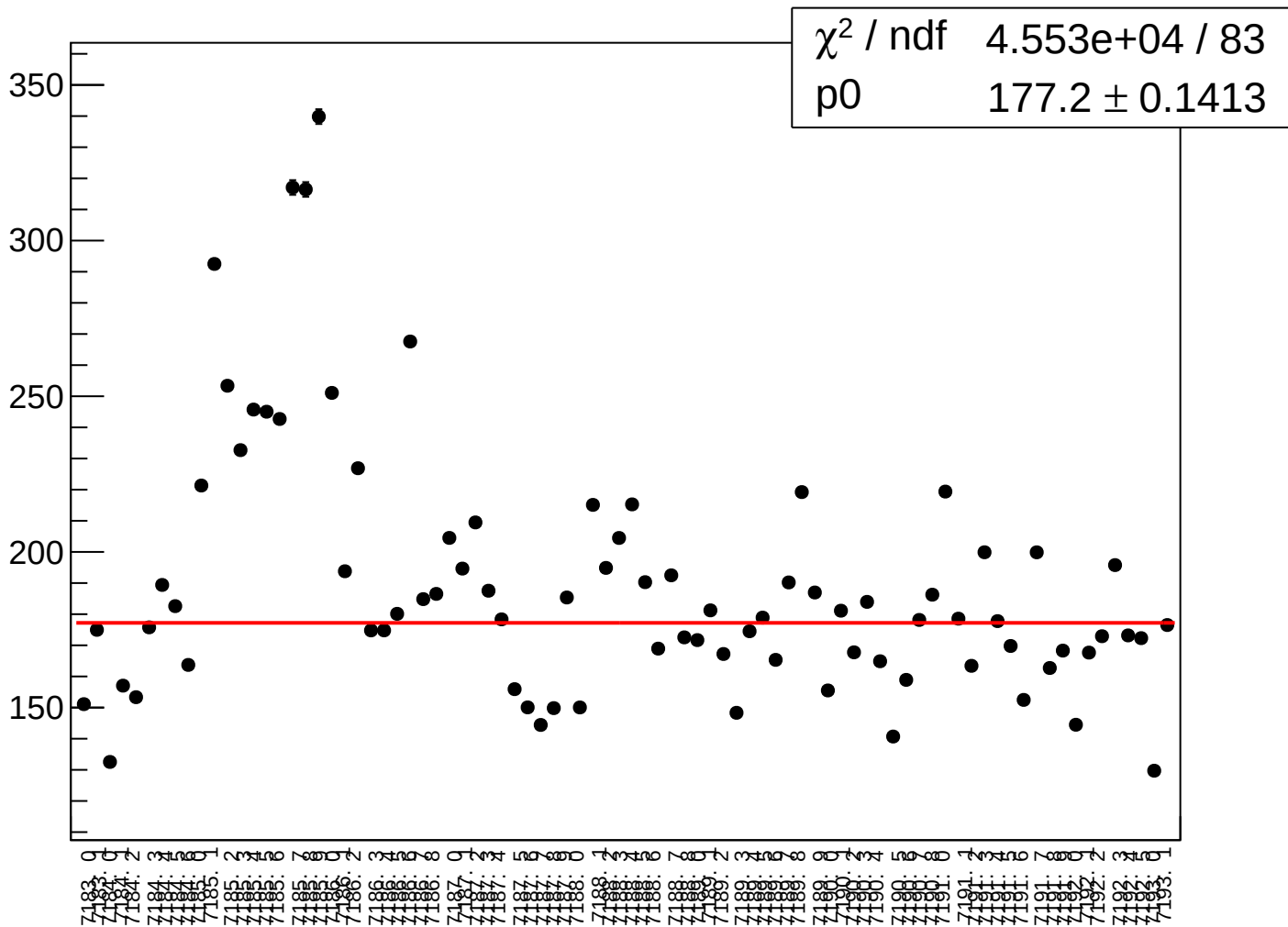
asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs run



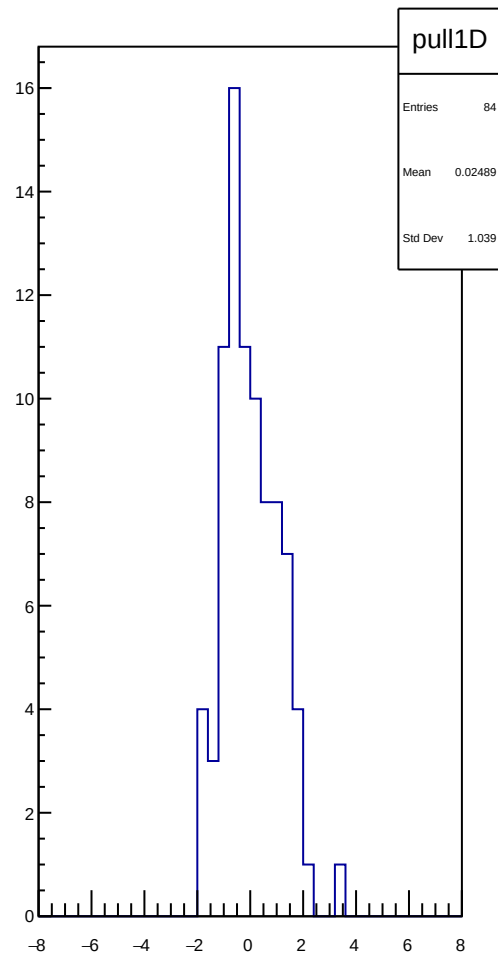
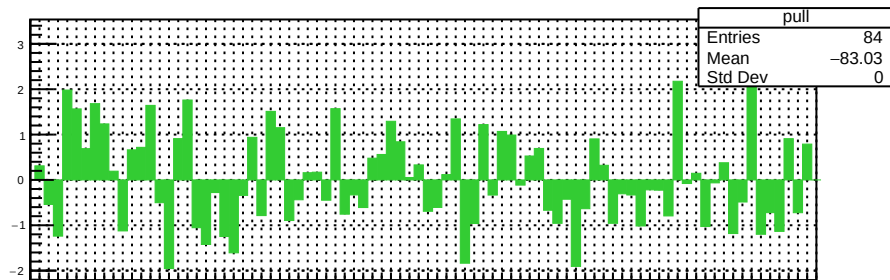
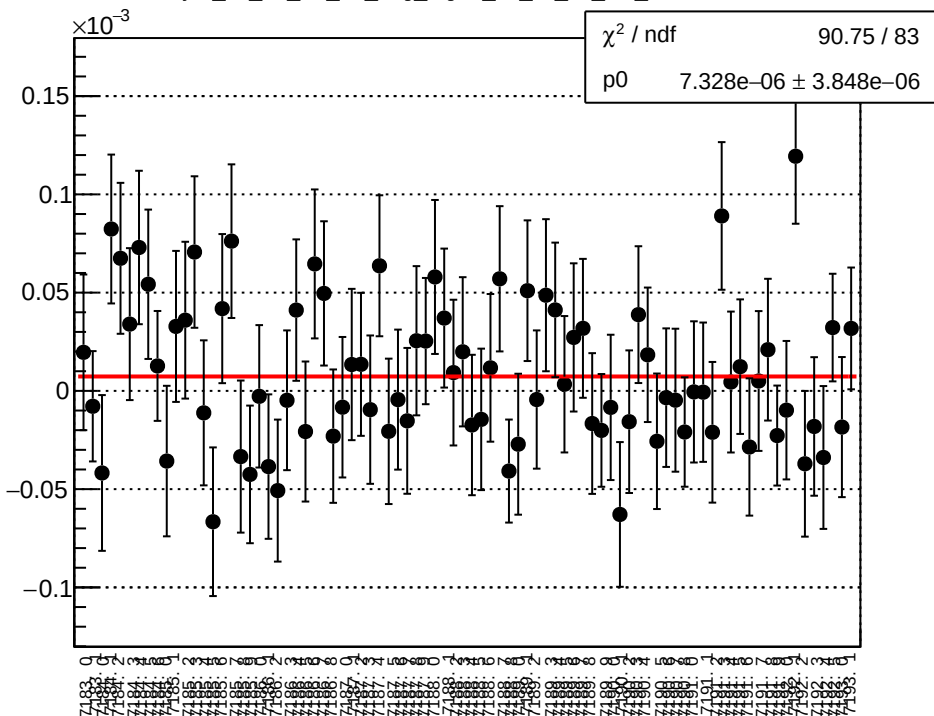
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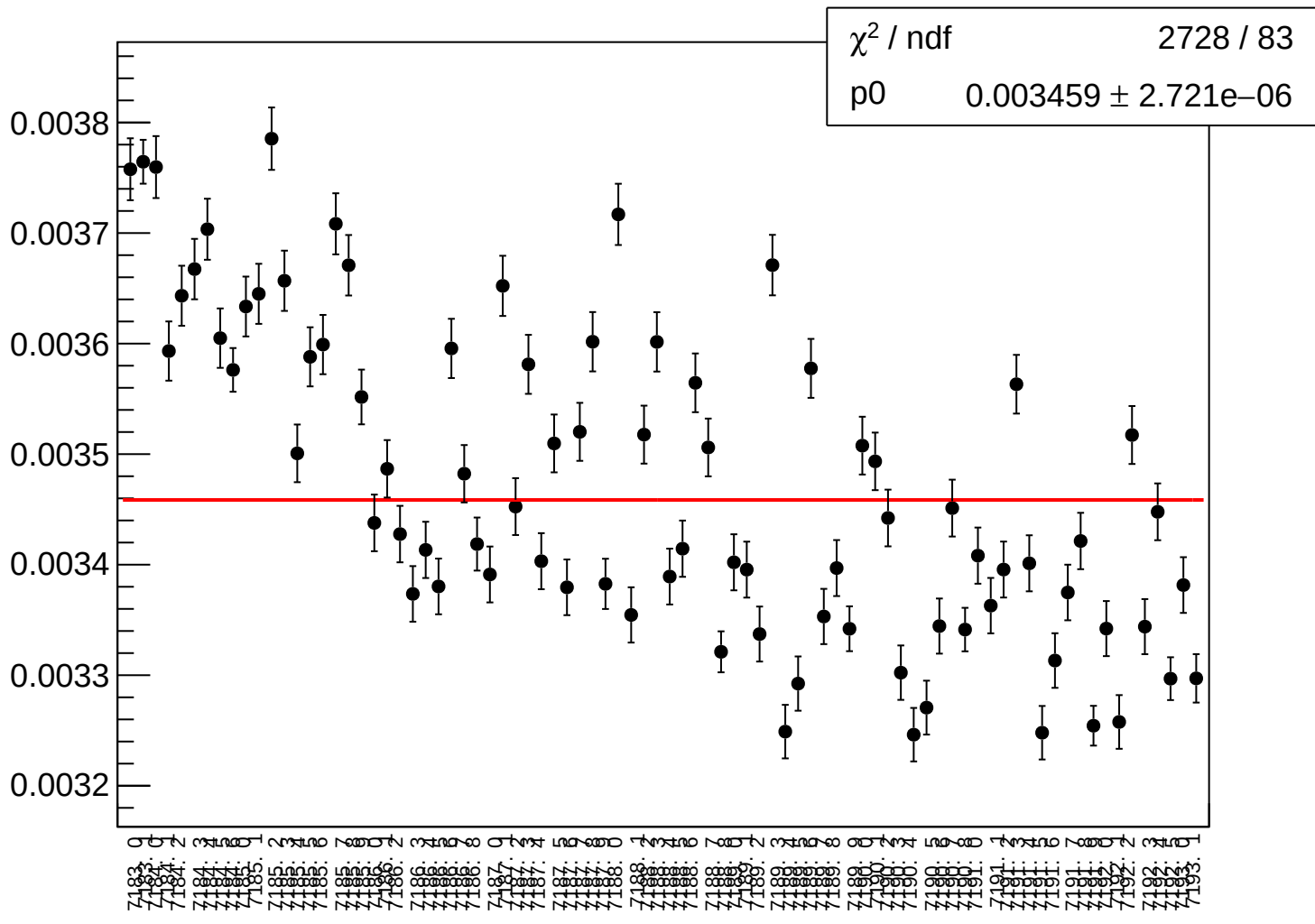
asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs run



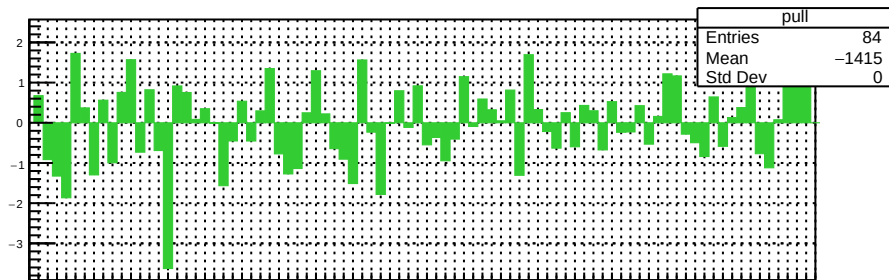
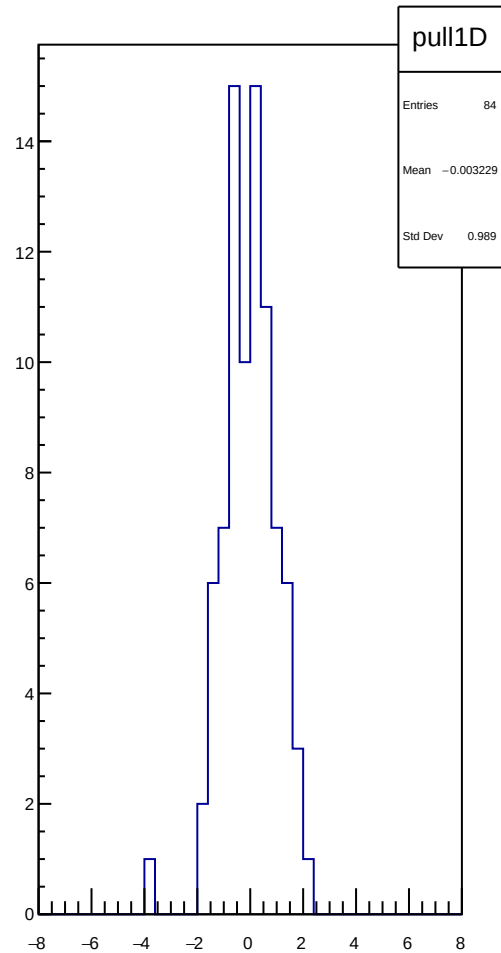
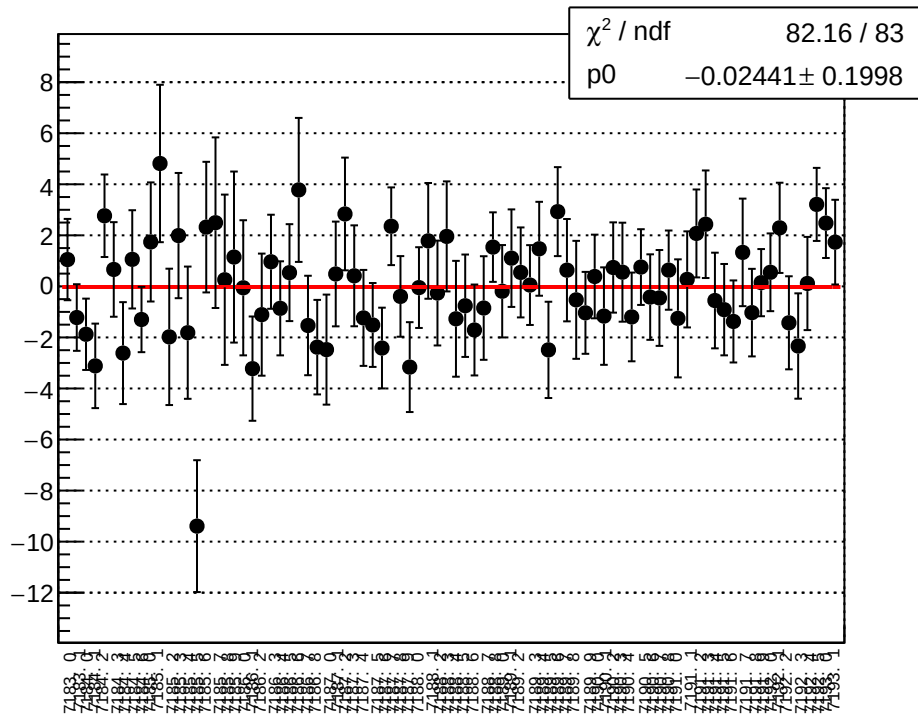
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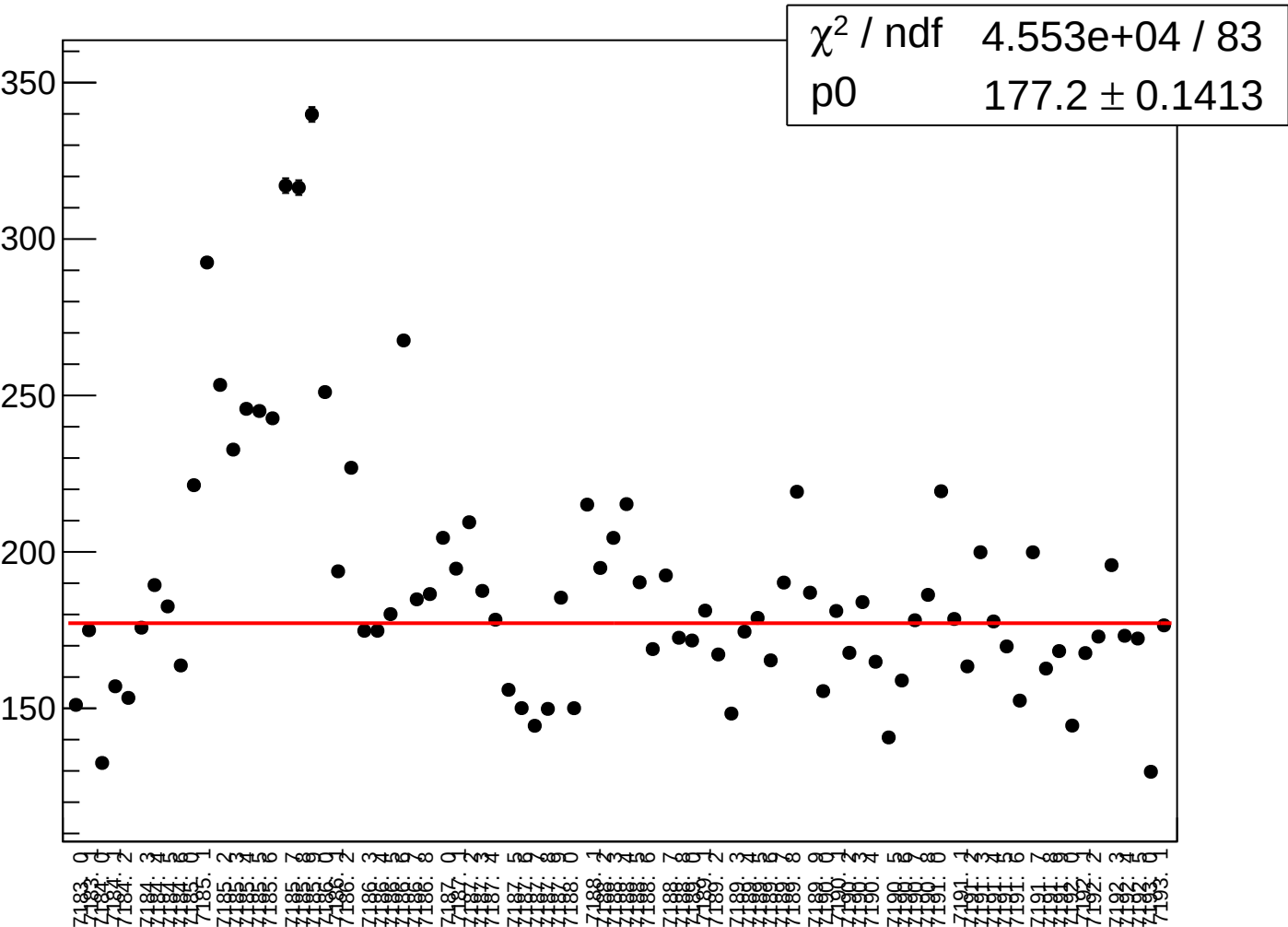
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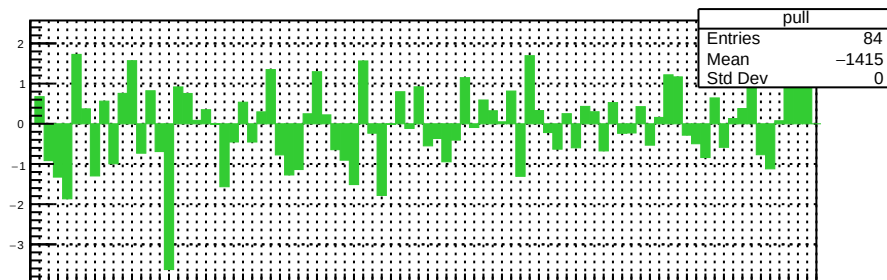
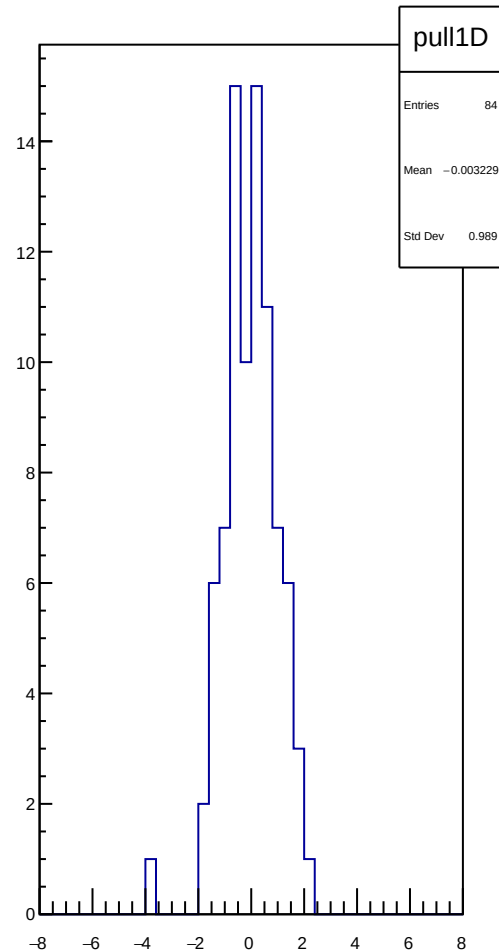
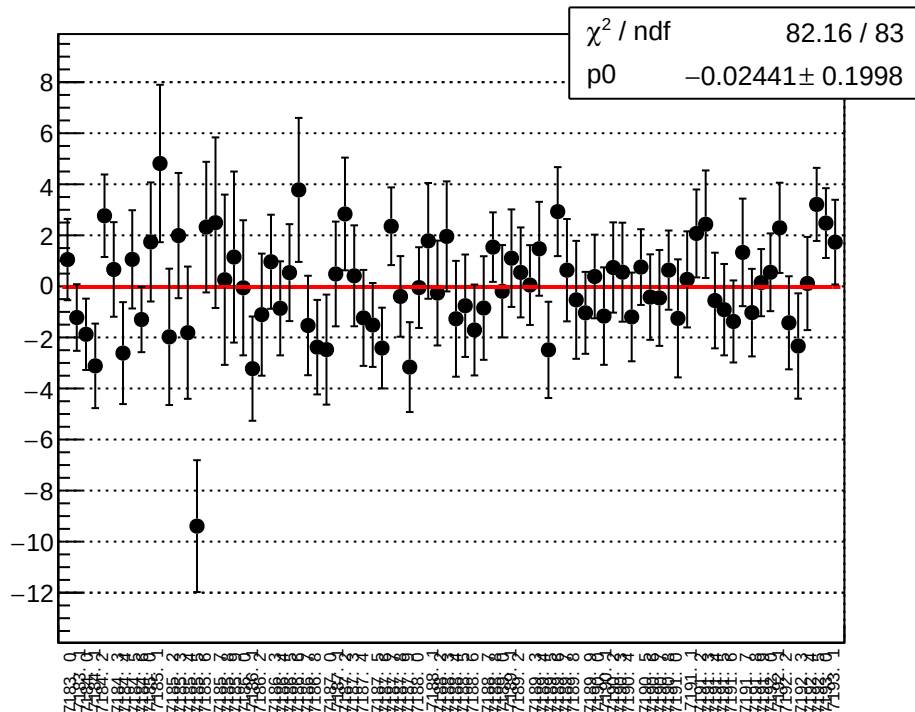
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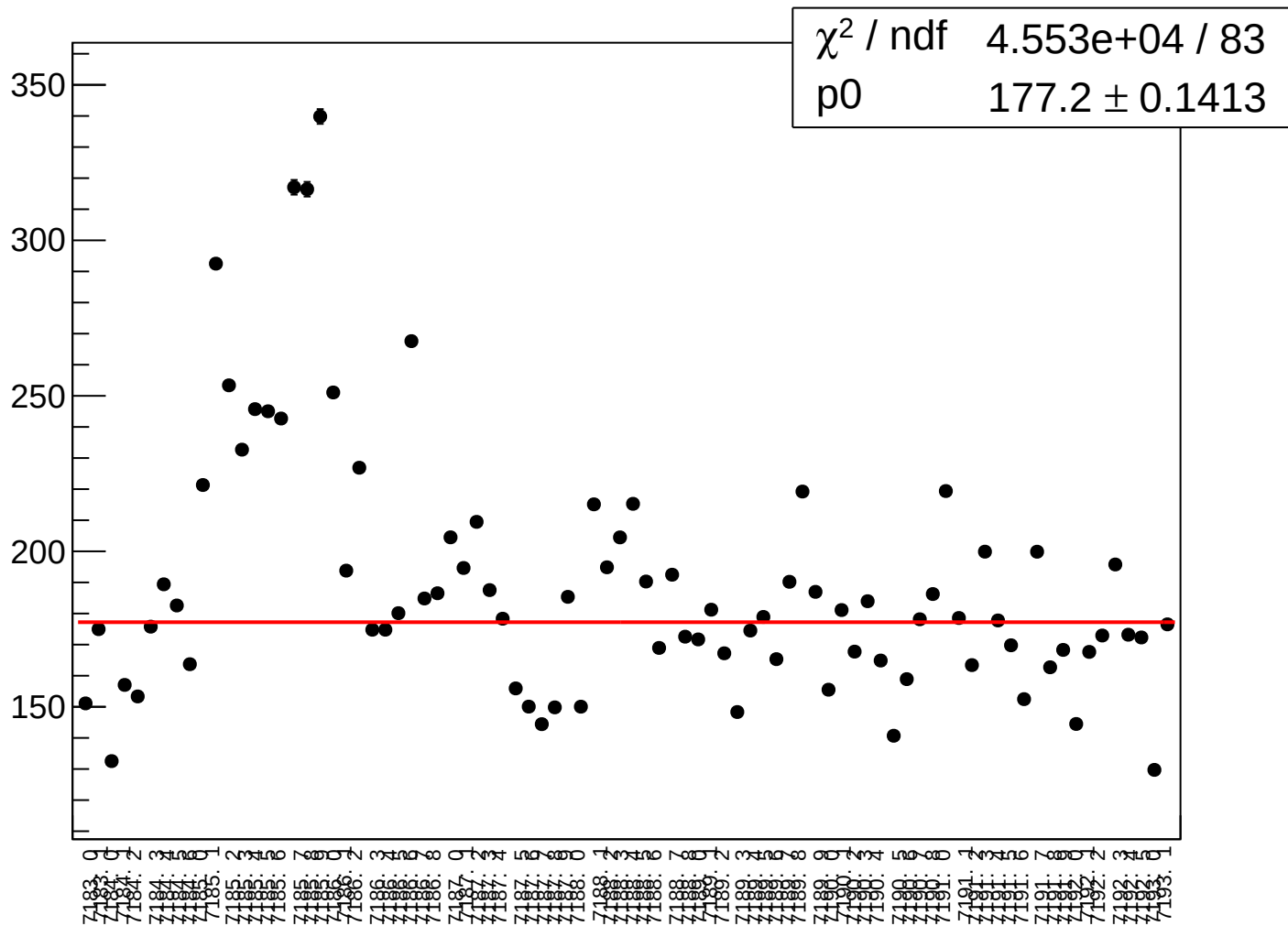
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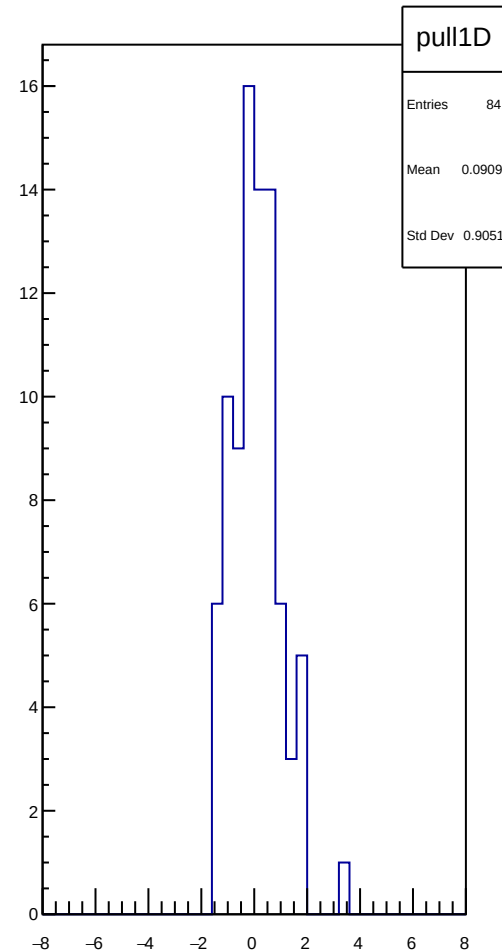
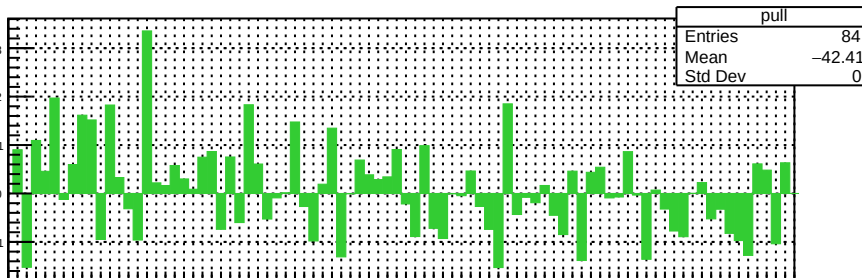
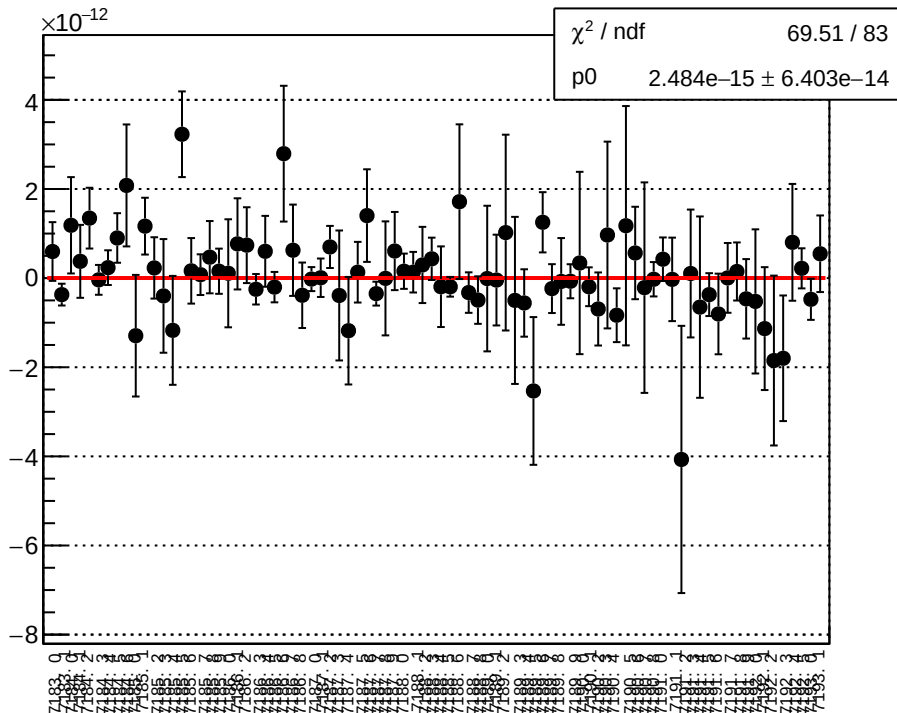
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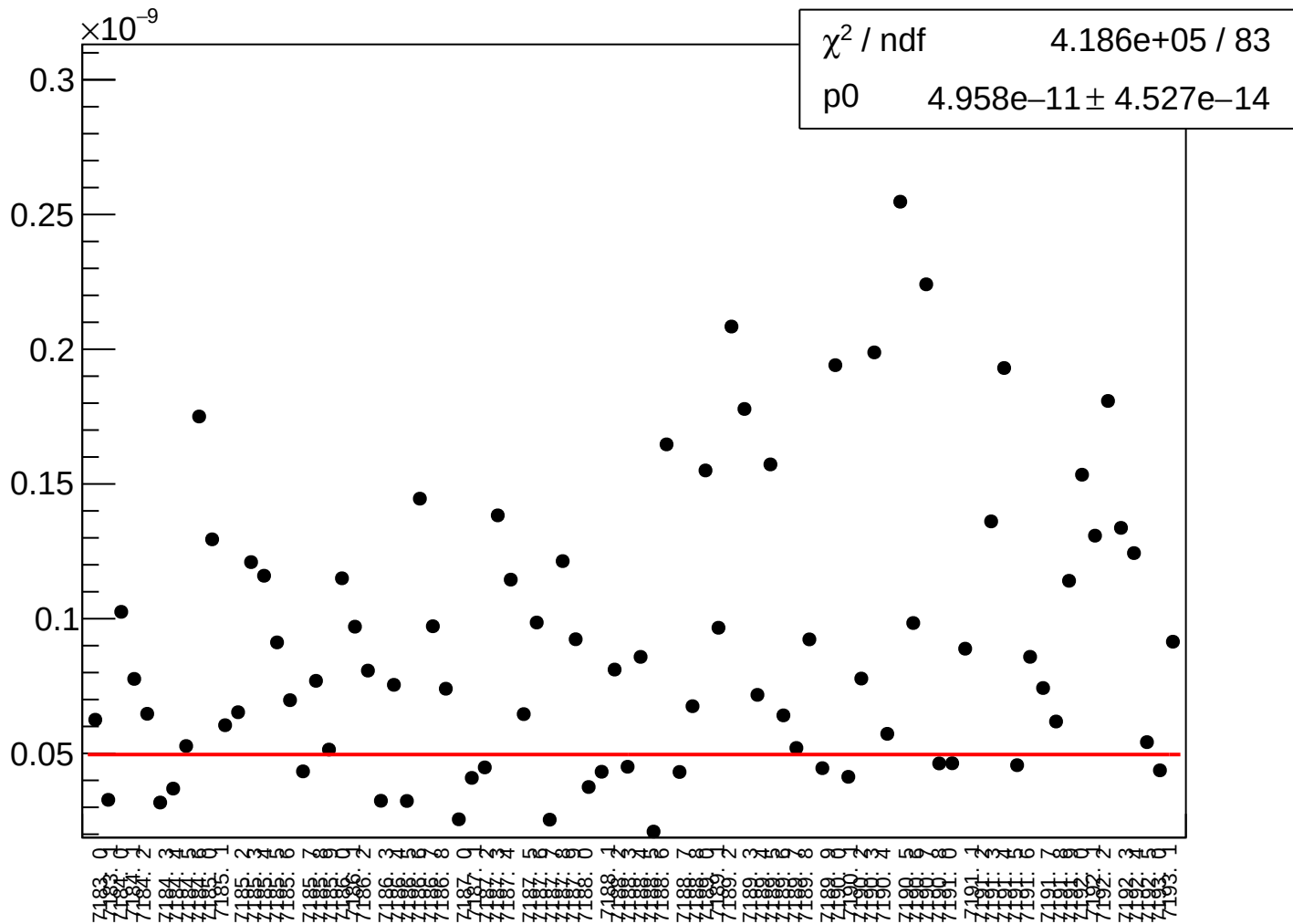
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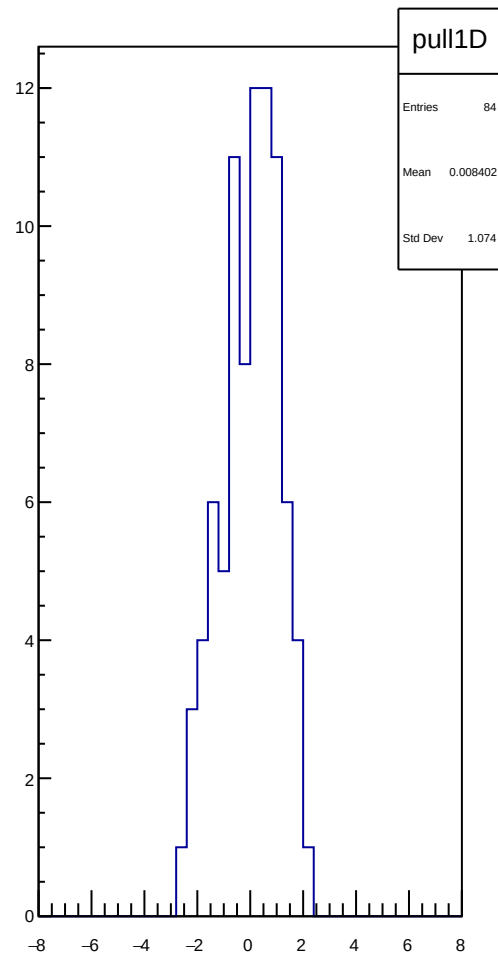
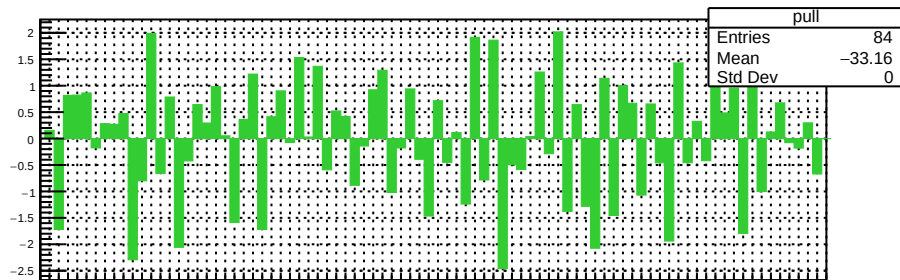
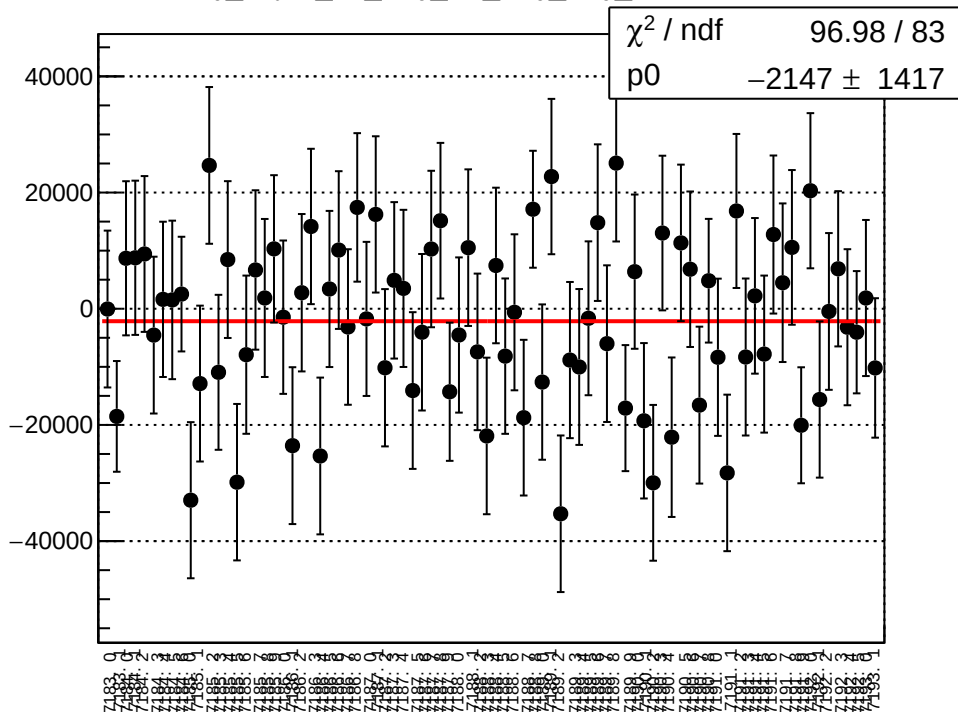
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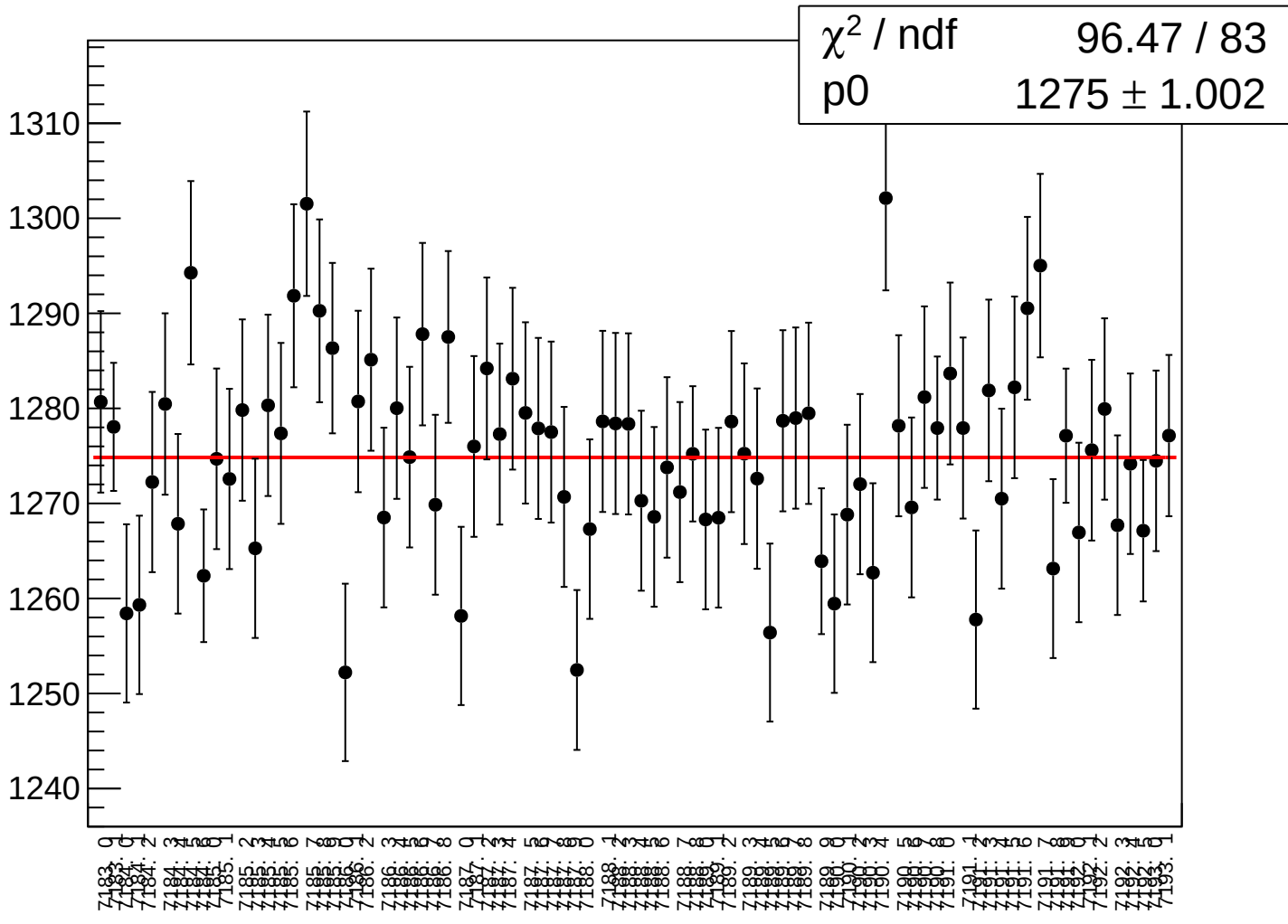
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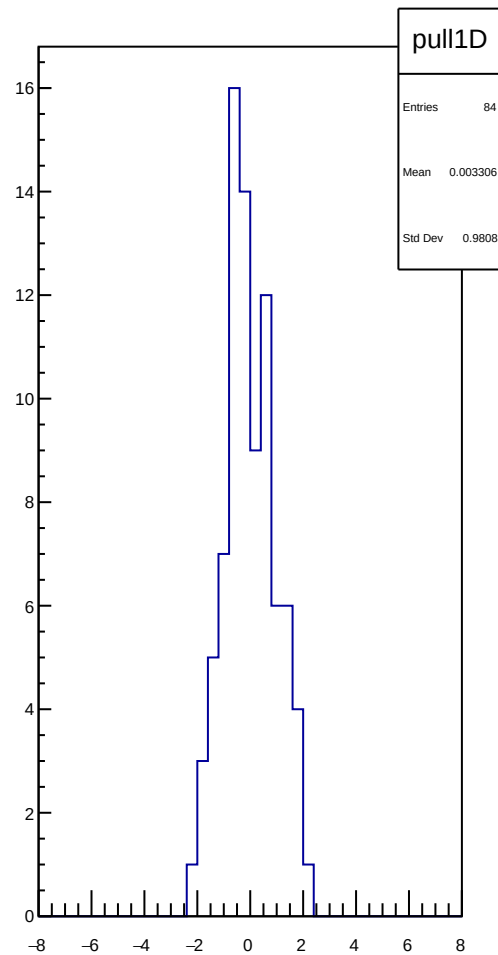
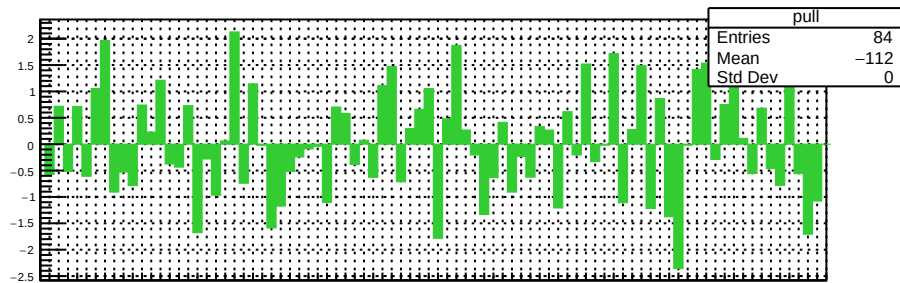
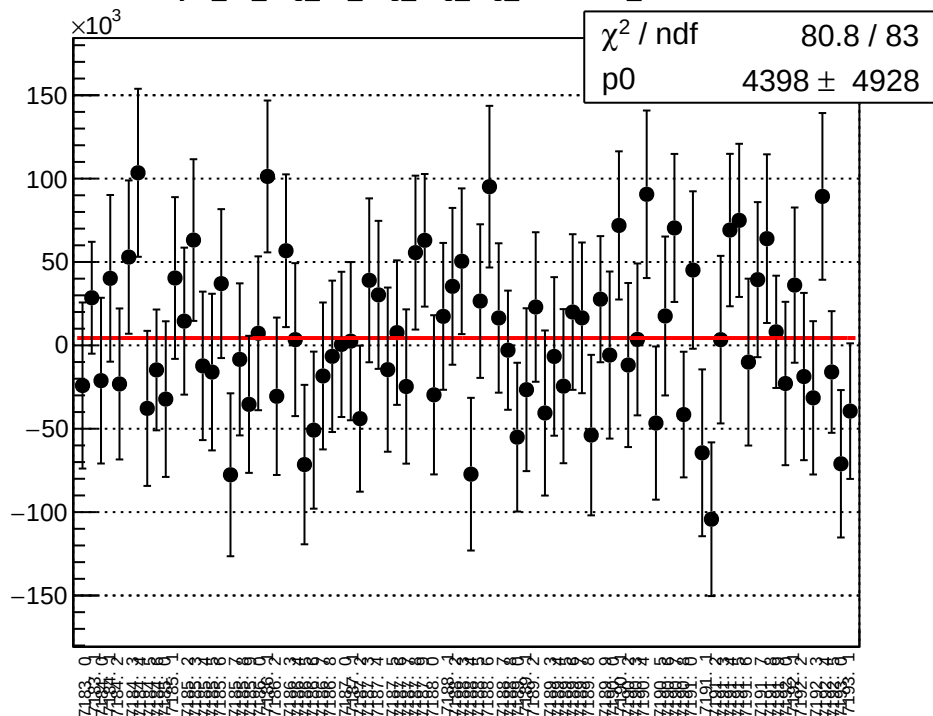
reg_asym_atl_avg_atr_avg_avg_mean vs run



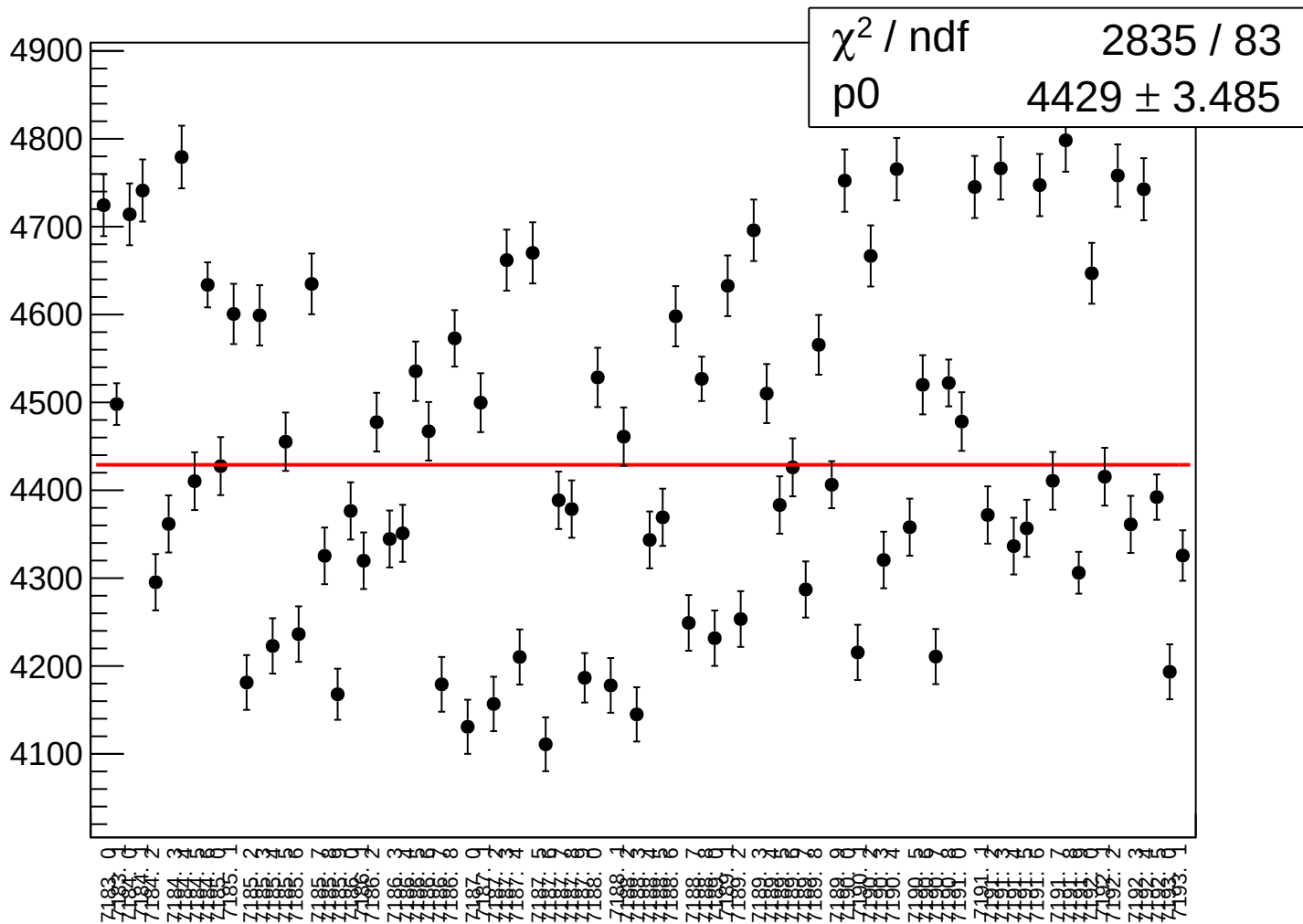
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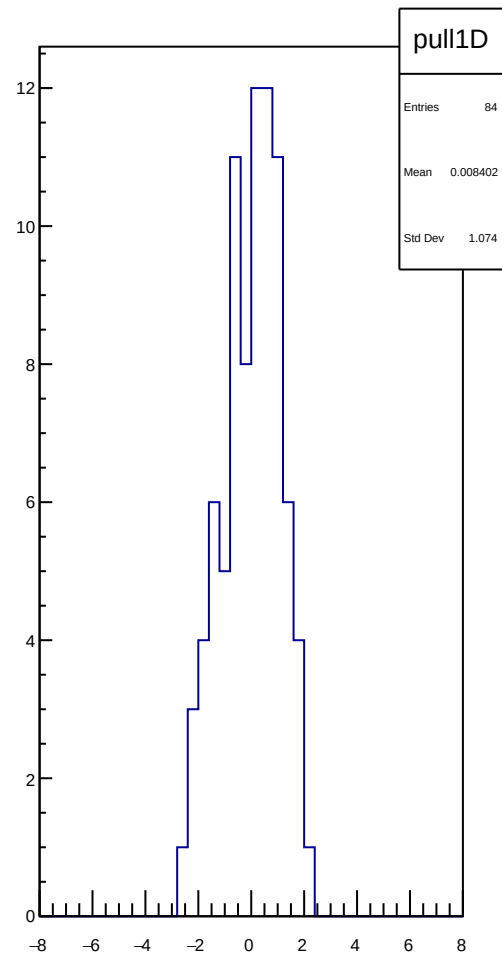
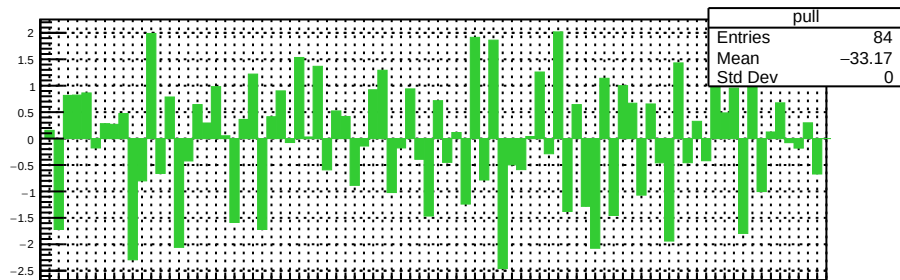
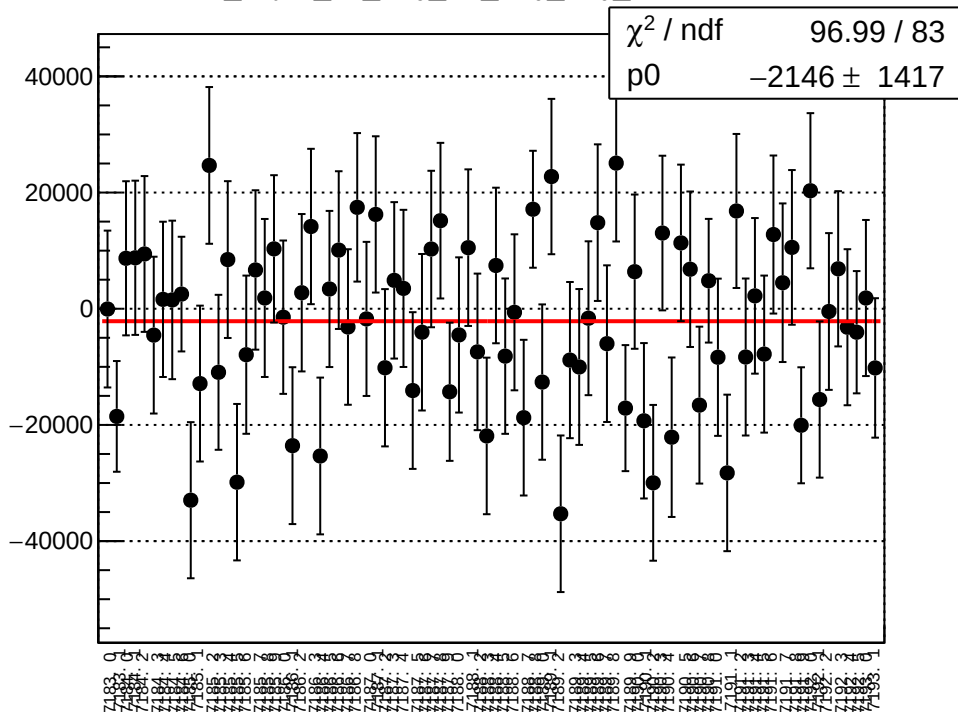
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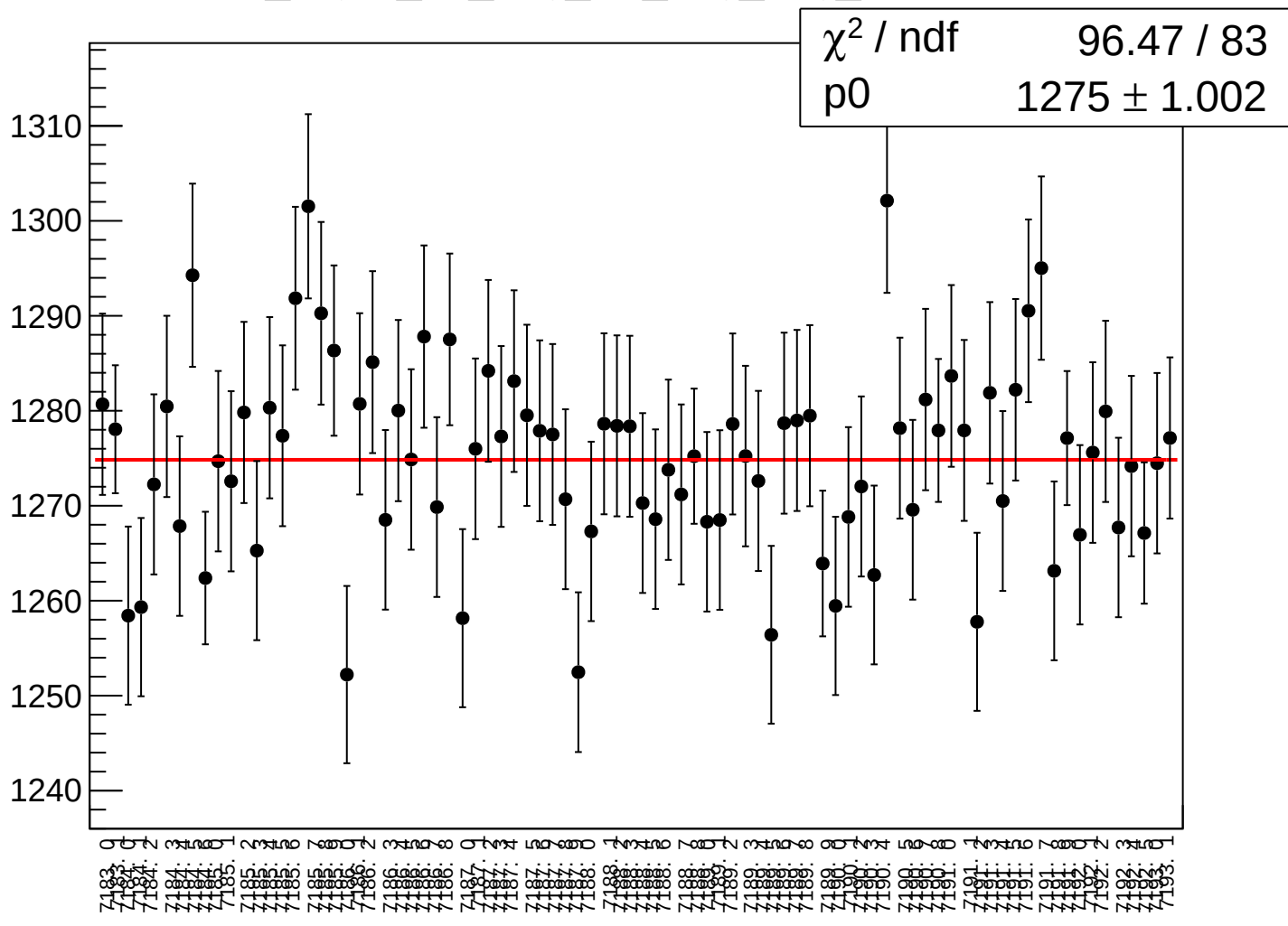
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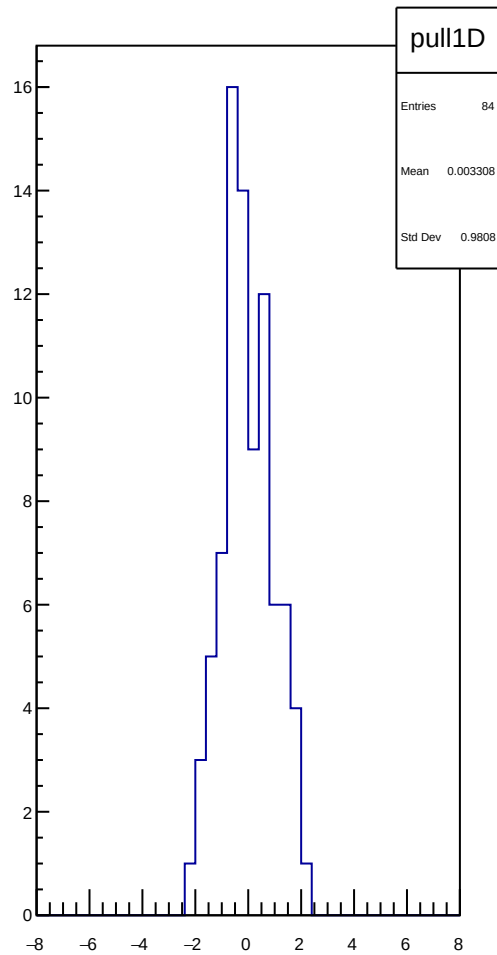
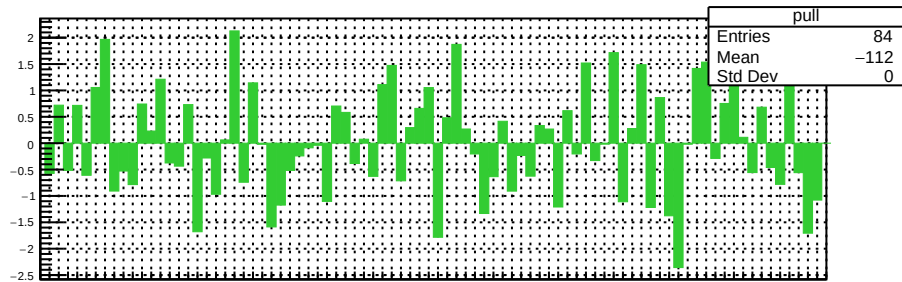
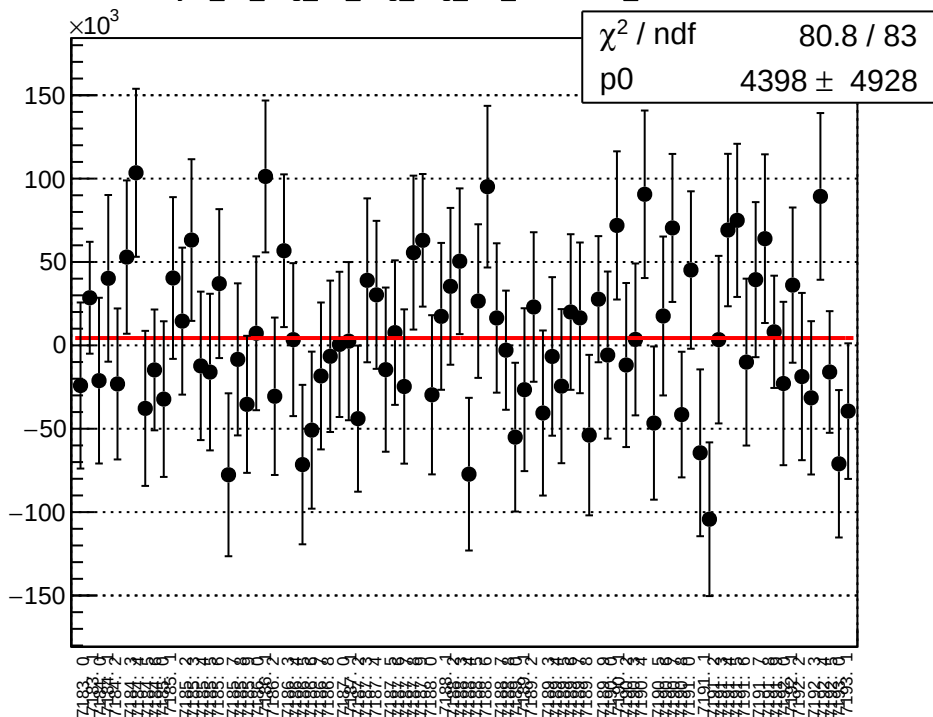
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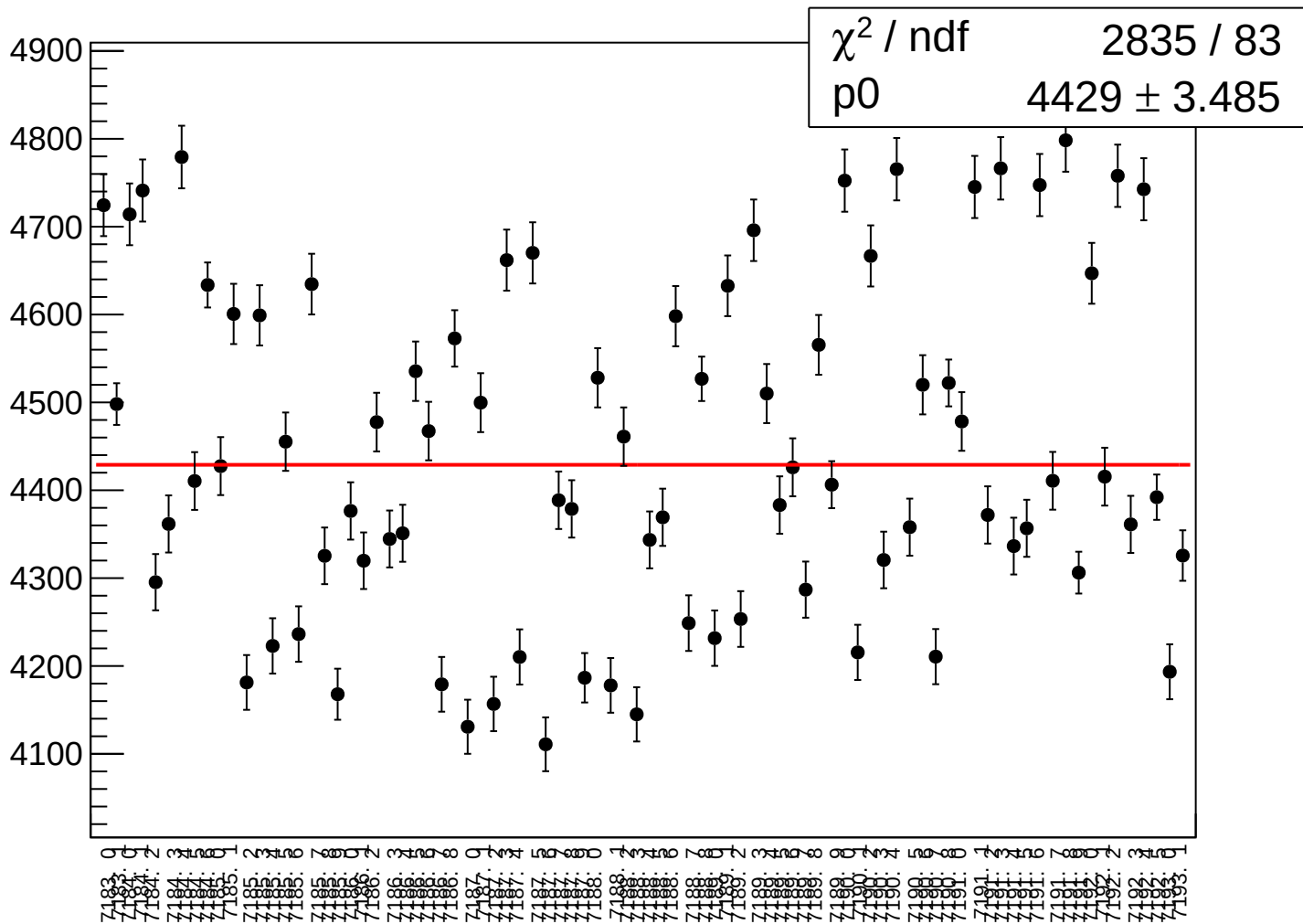
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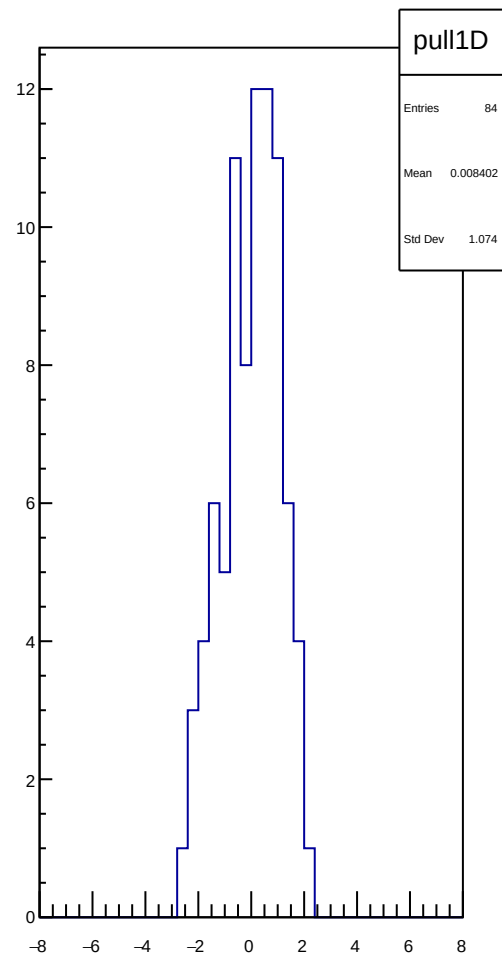
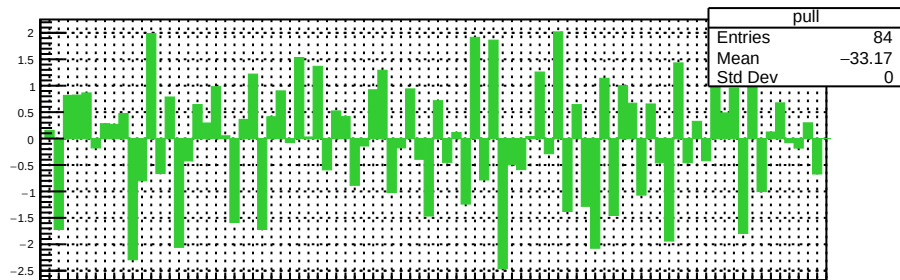
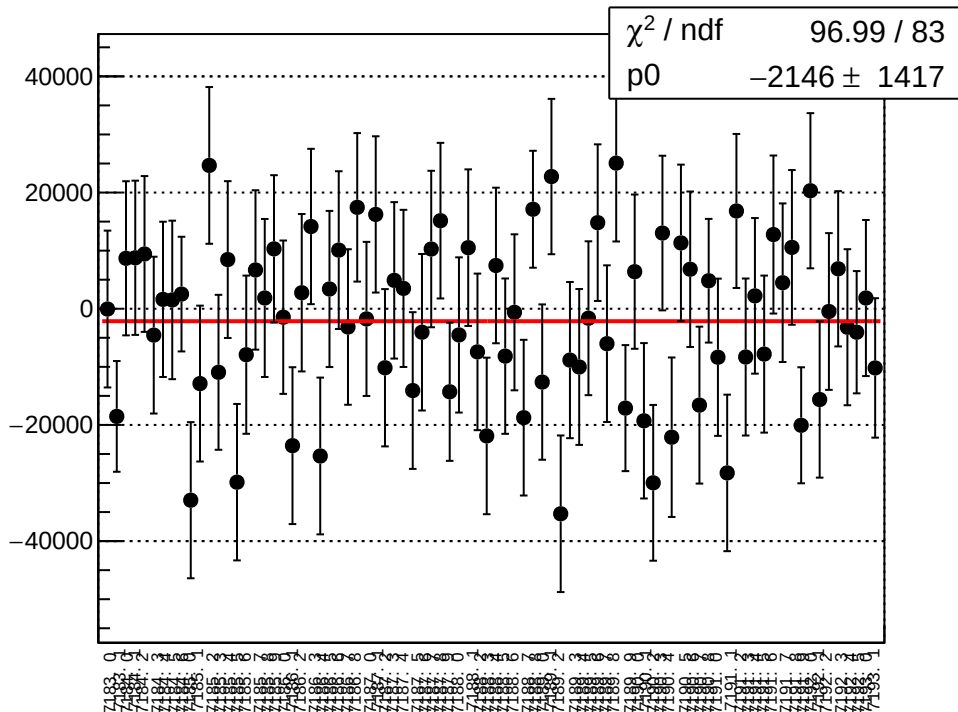
asym atl avg atr avg avg_cor correction_mean vs run



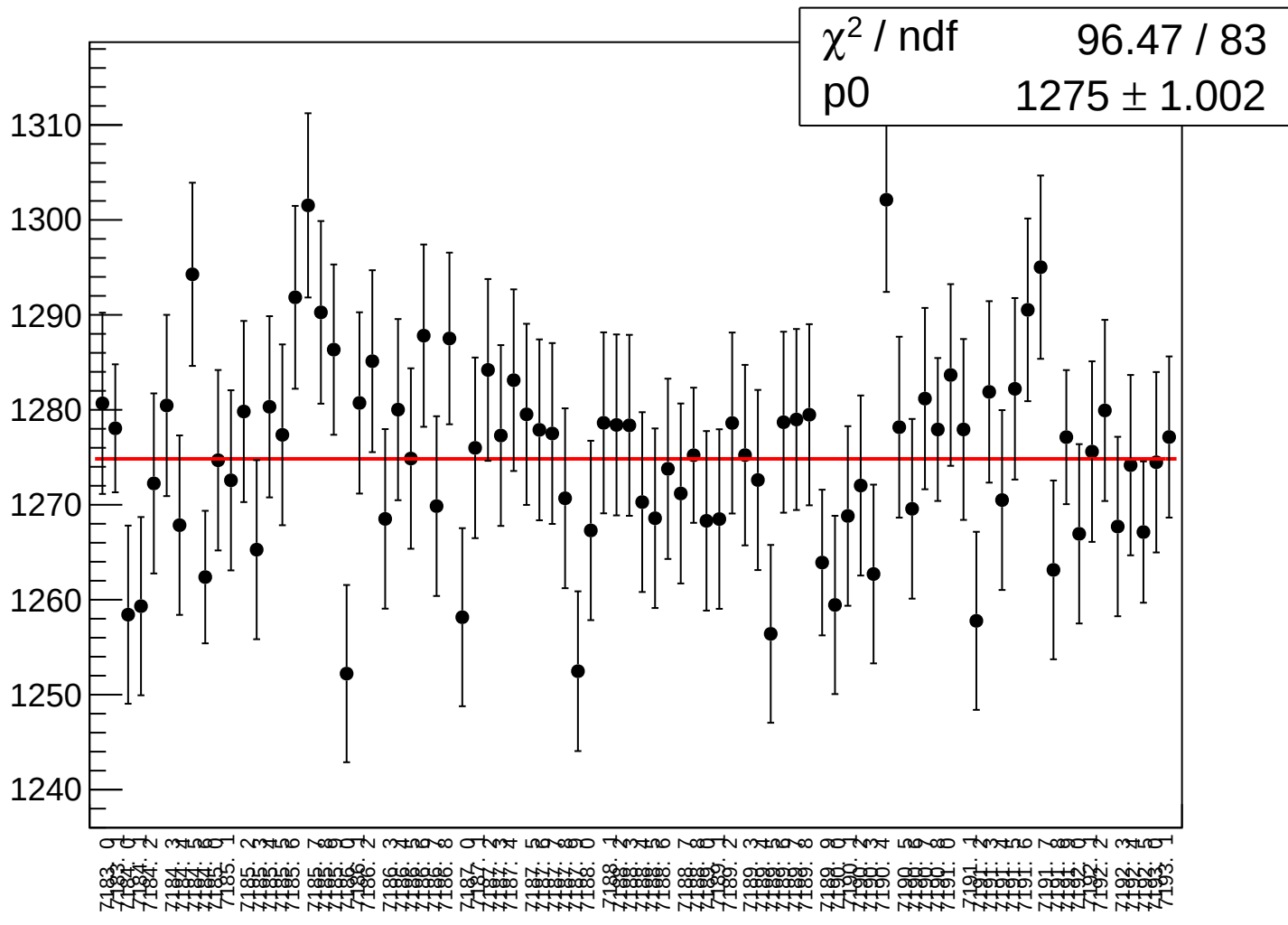
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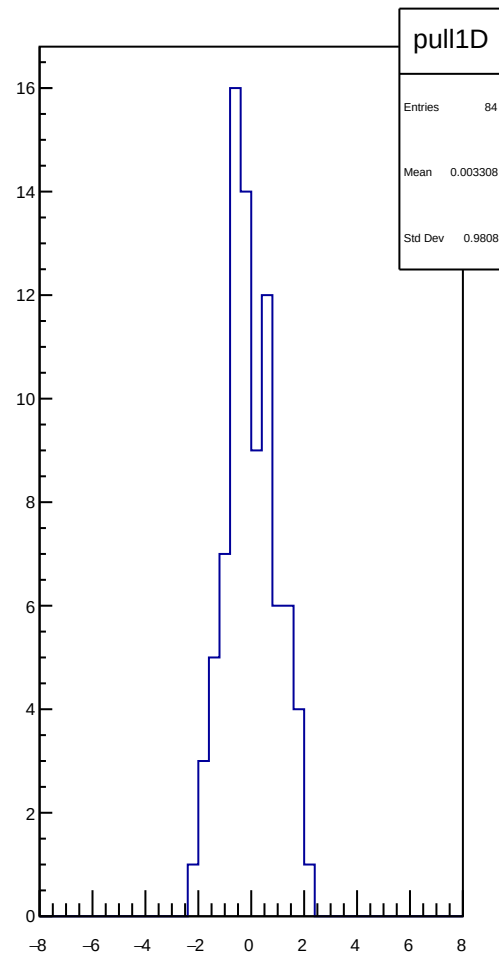
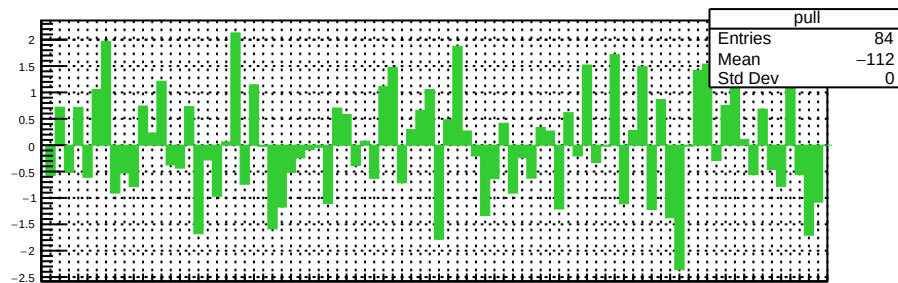
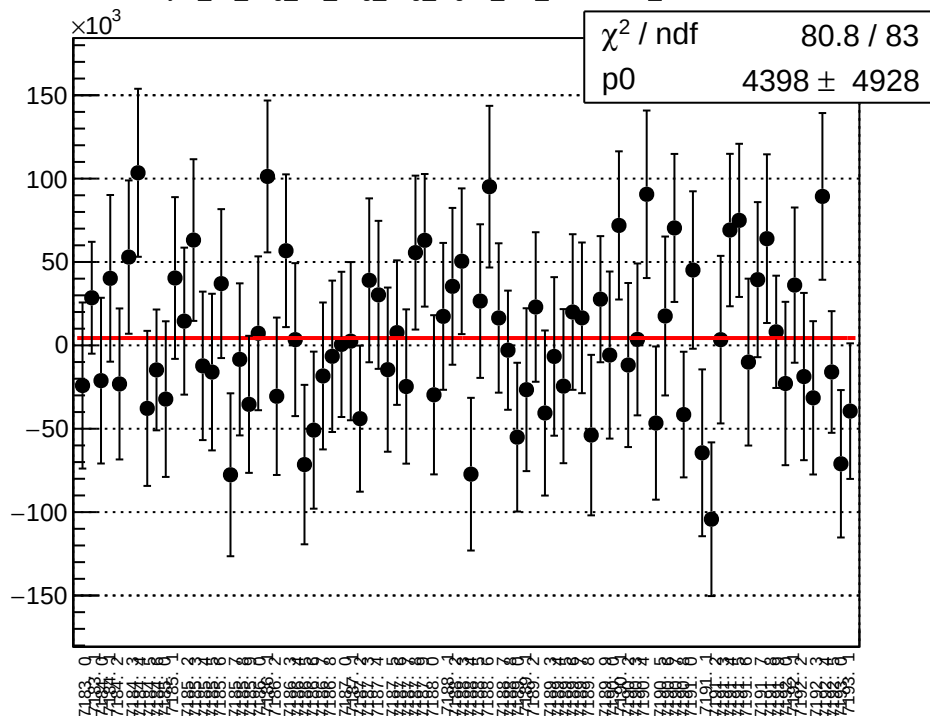
eigen_cor_asym_atl_avg_atr_avg_avg_mean vs run



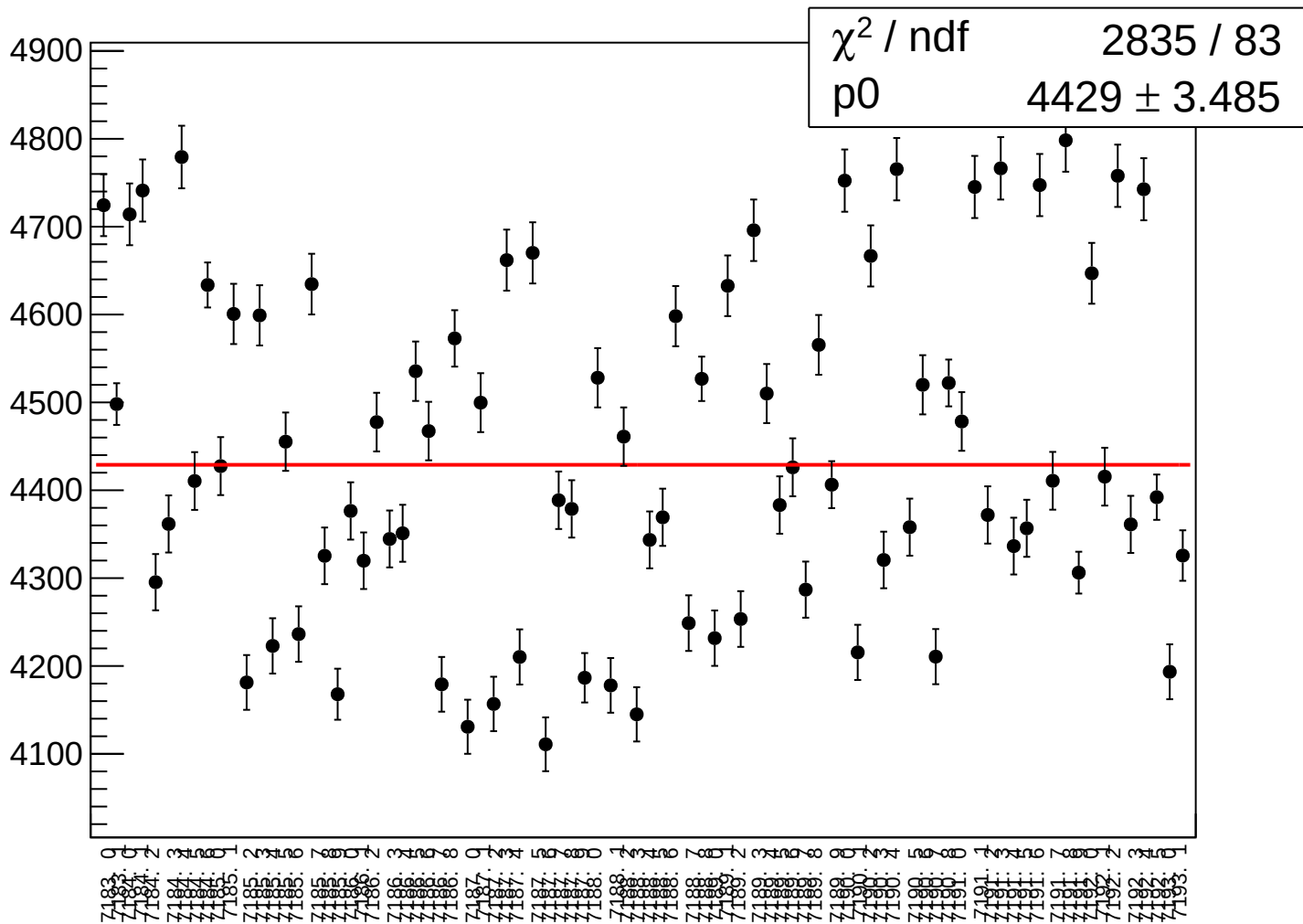
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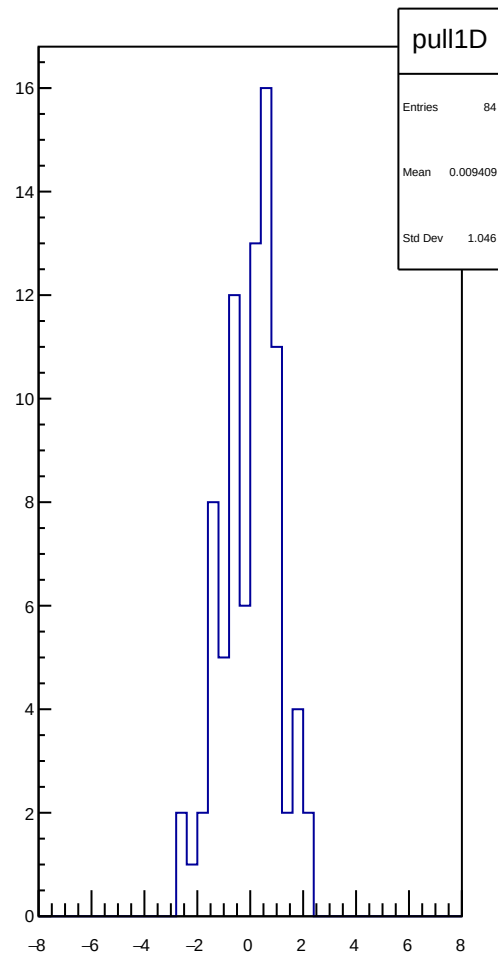
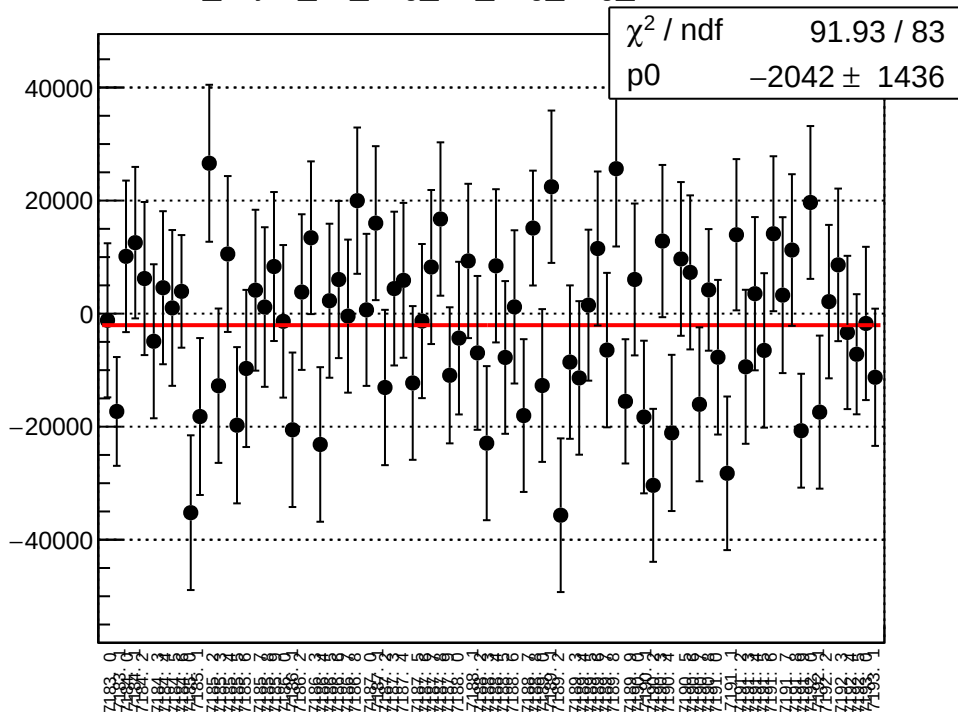
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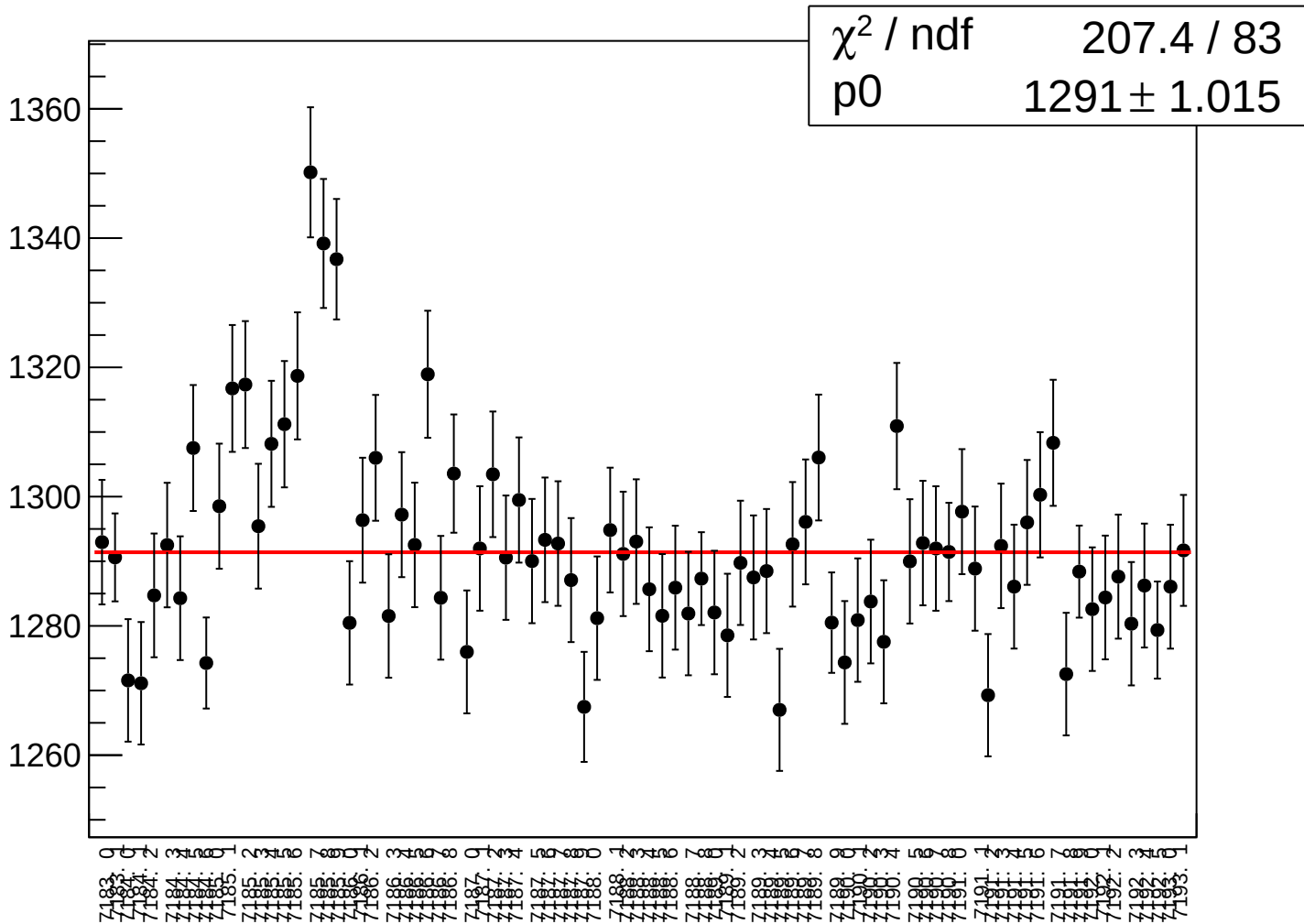
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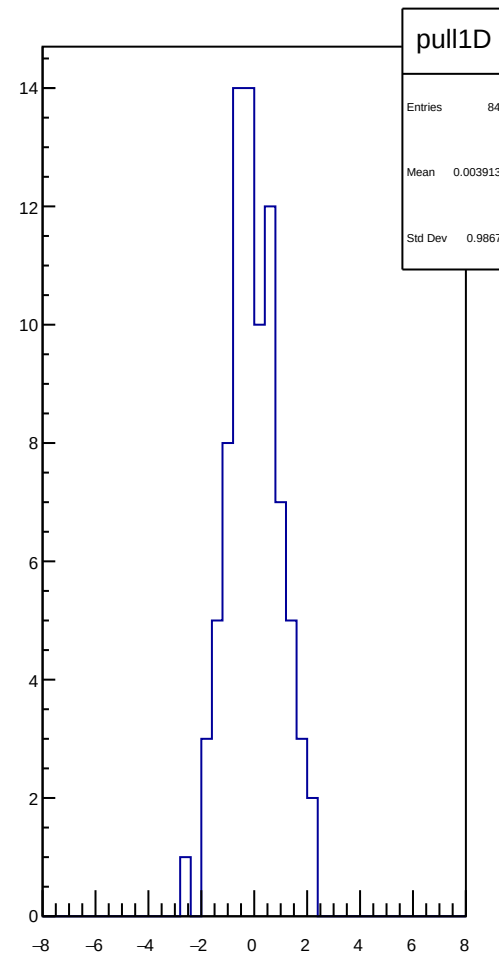
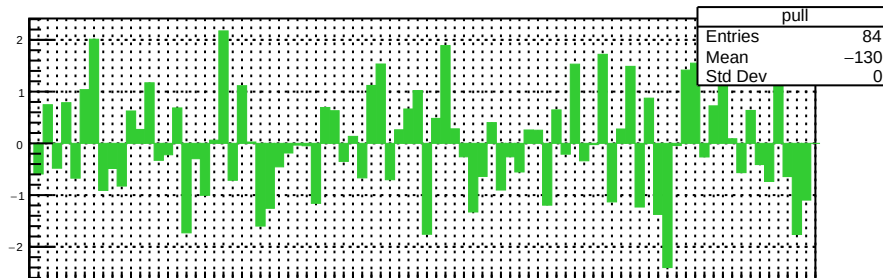
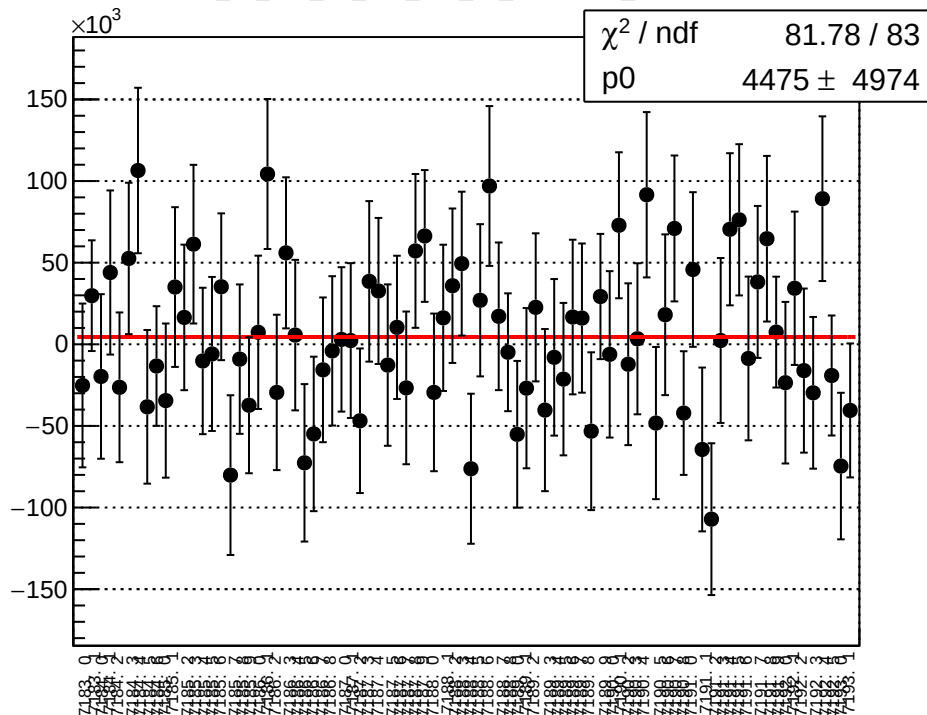
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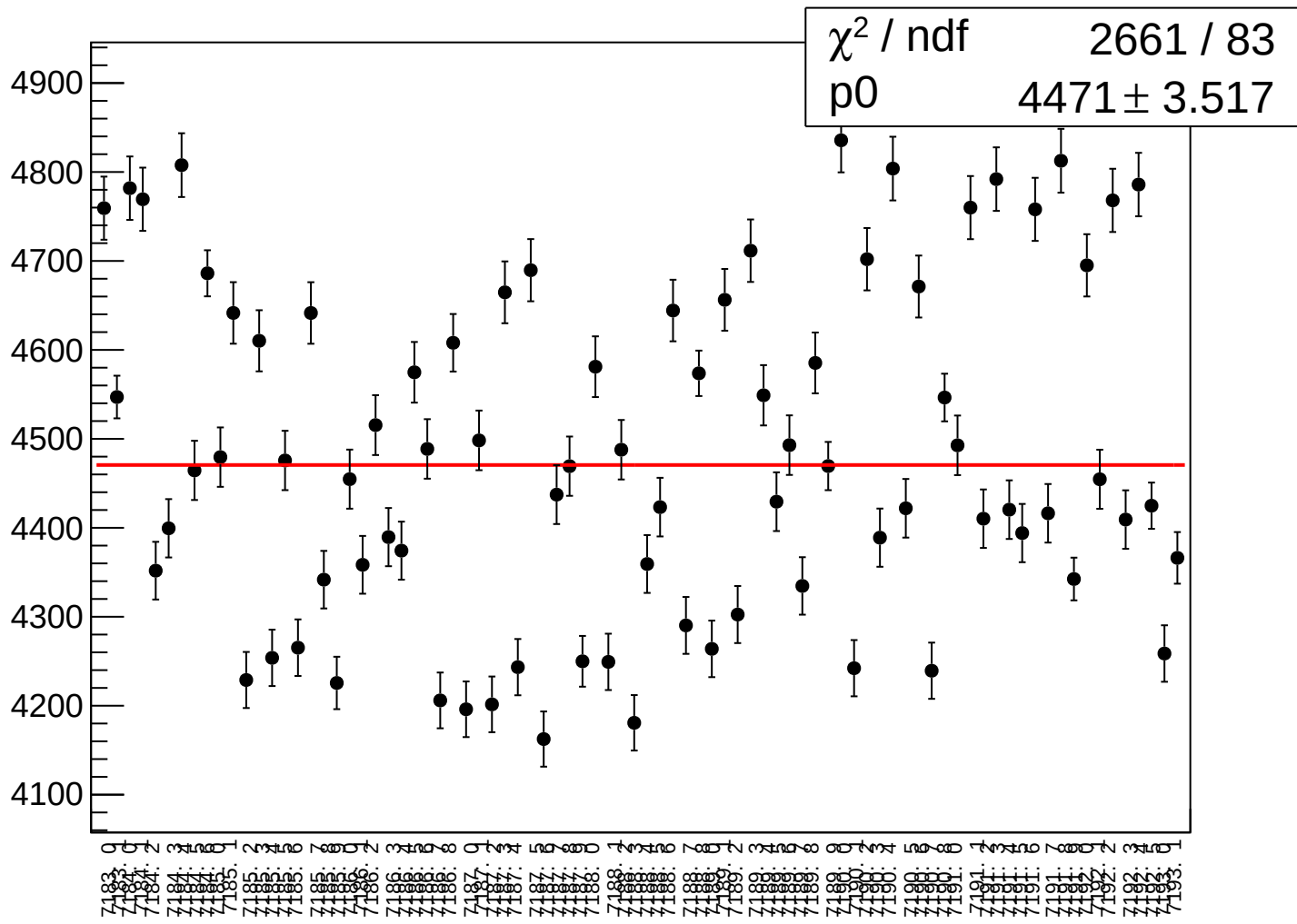
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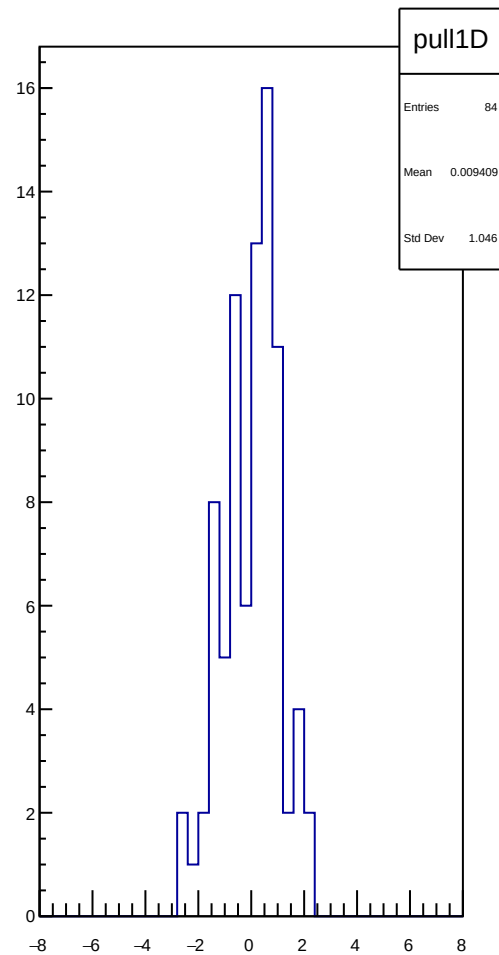
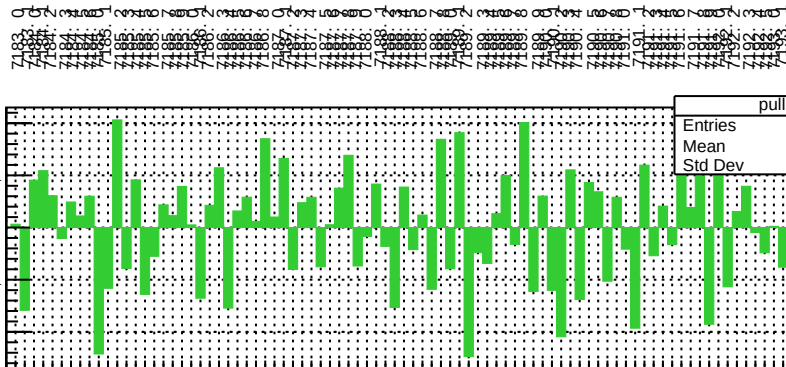
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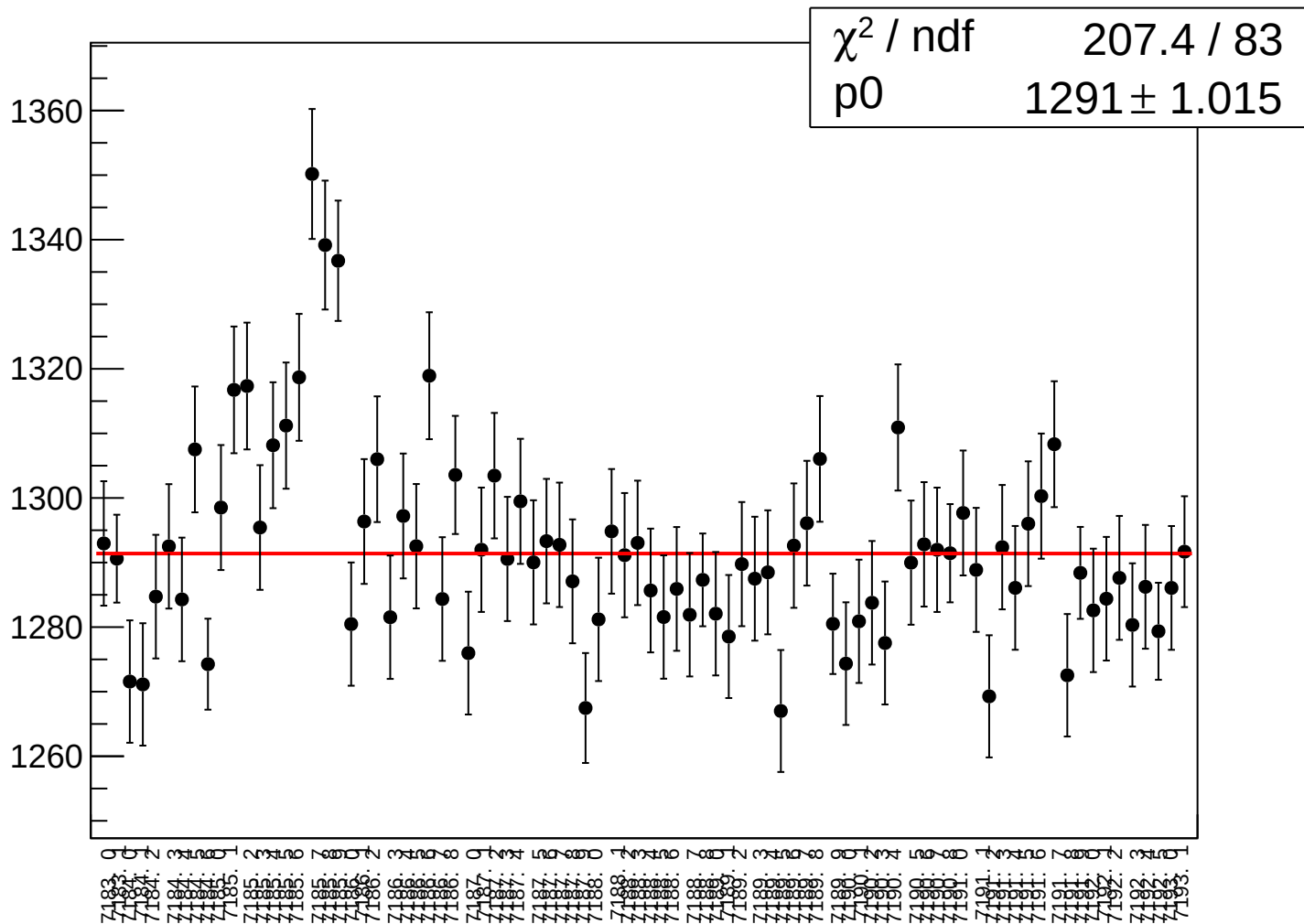
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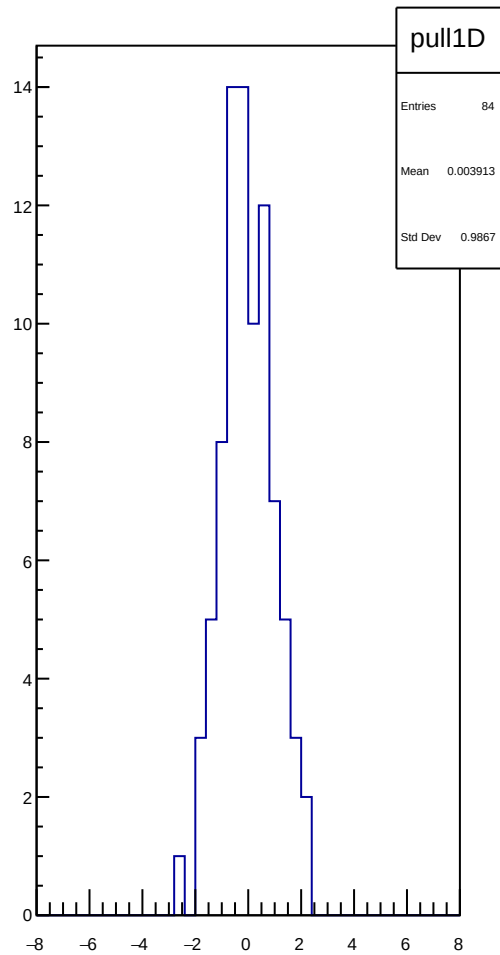
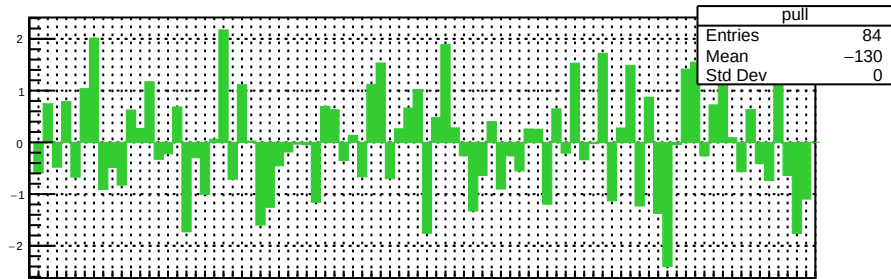
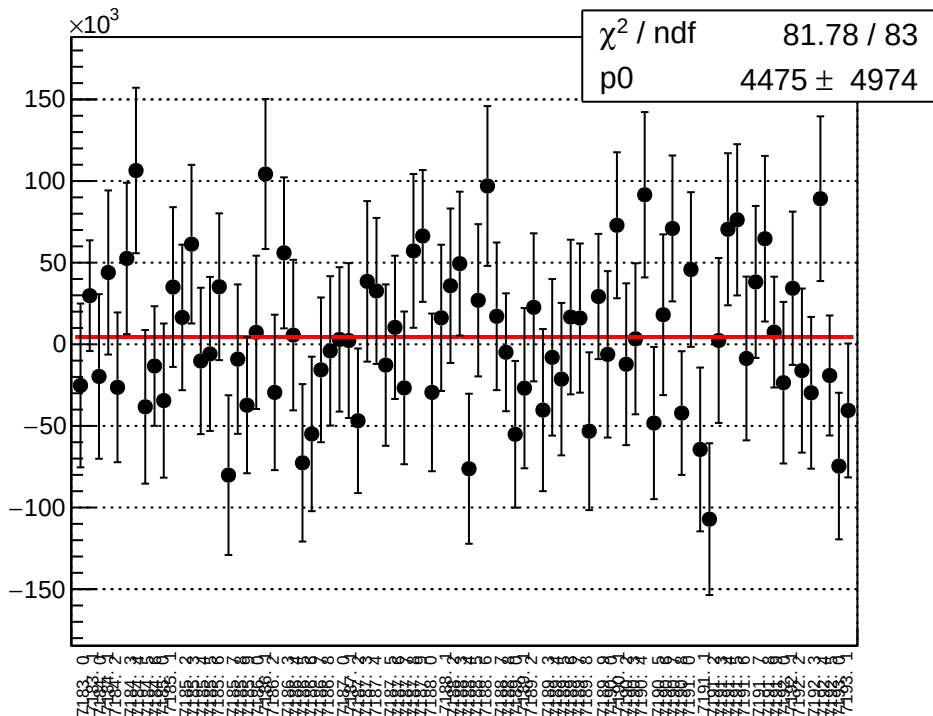
χ^2 / ndf 91.93
p0 -2042 ± 20



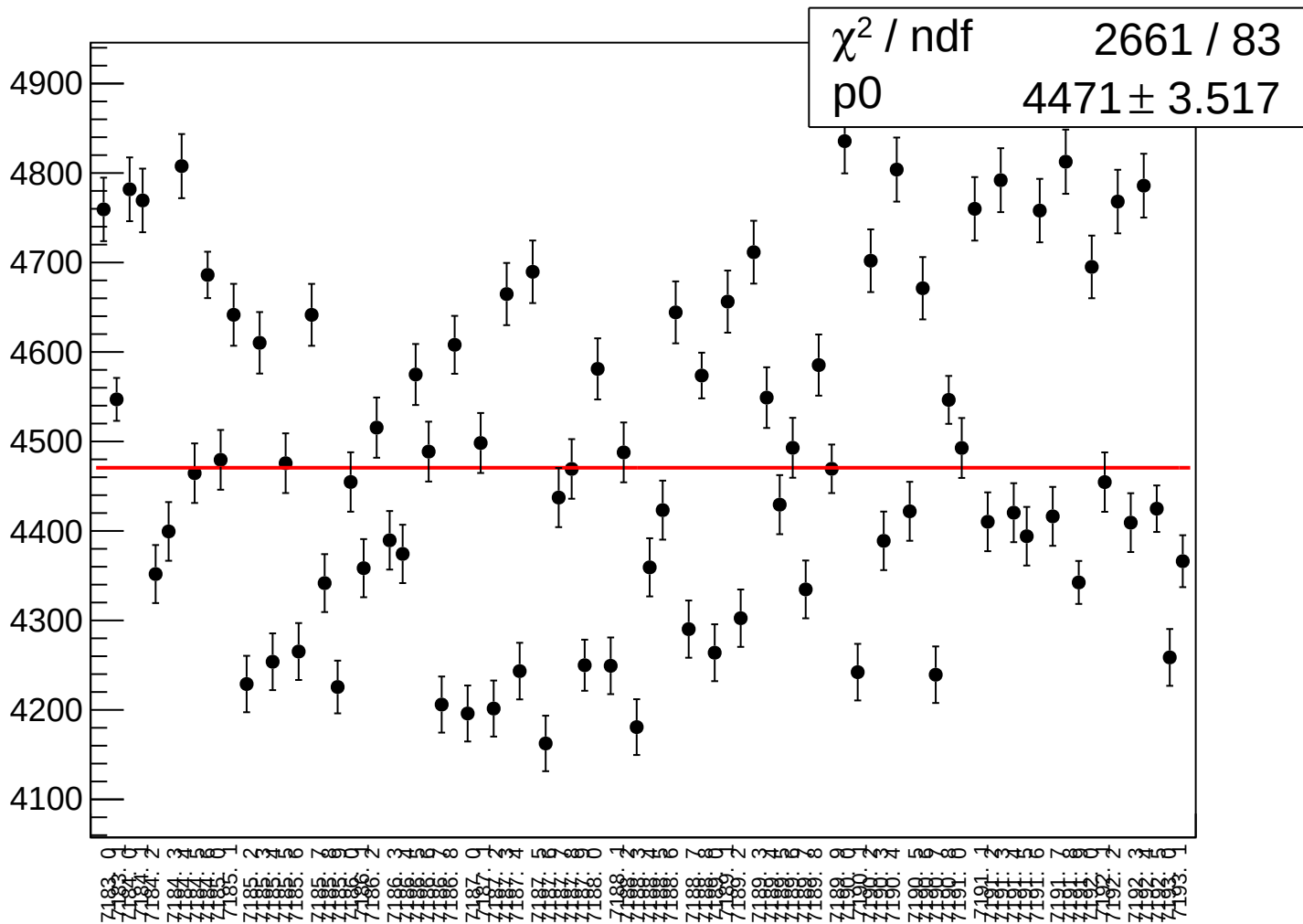
eigen_dit_asym_atl_avg_atr_avg_avg_rms vs run



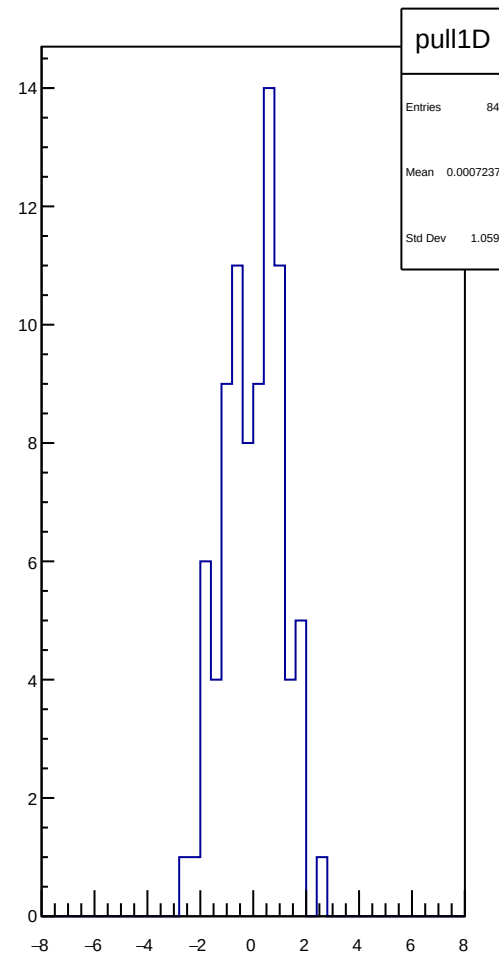
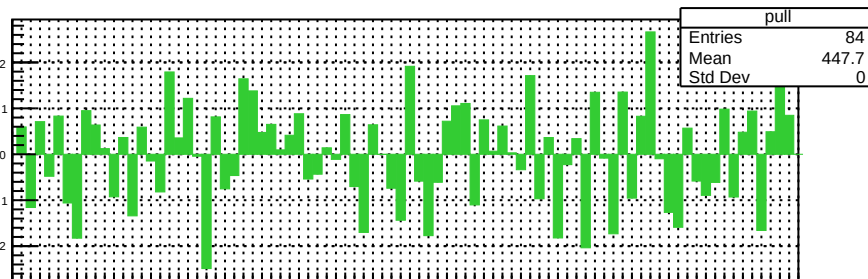
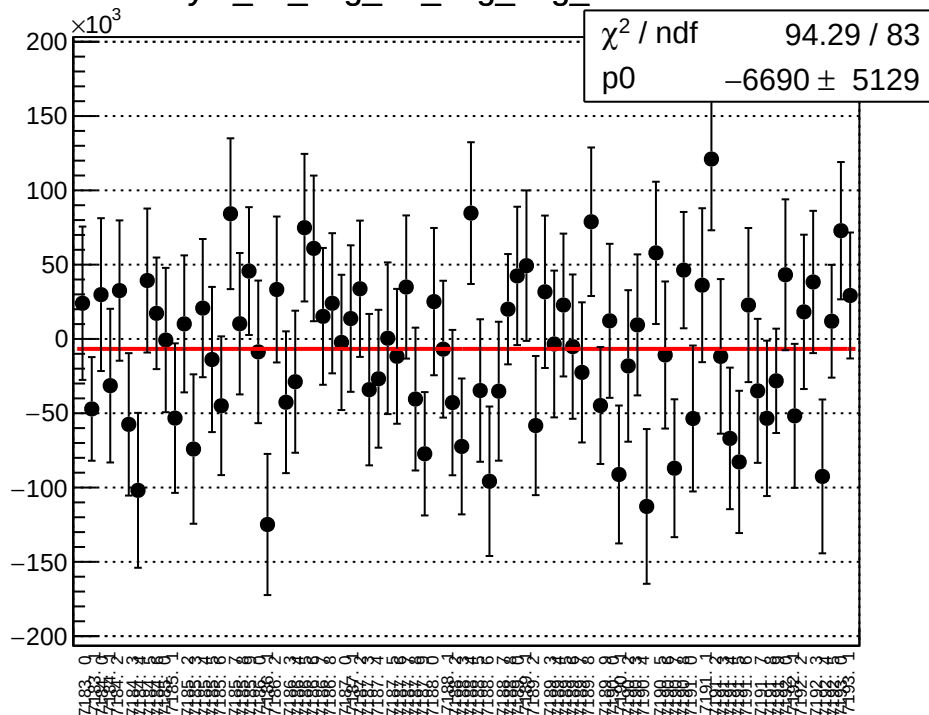
asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs run



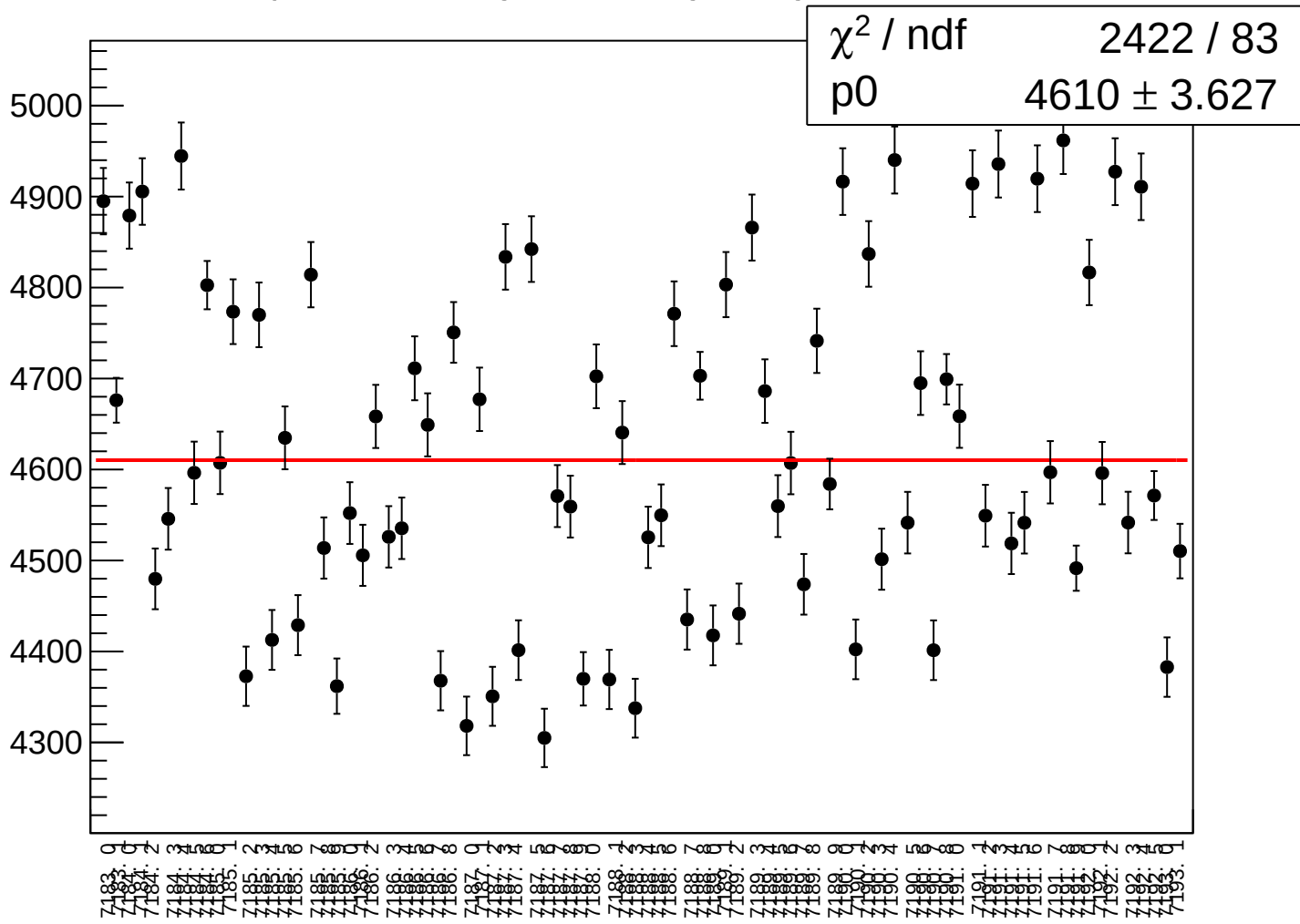
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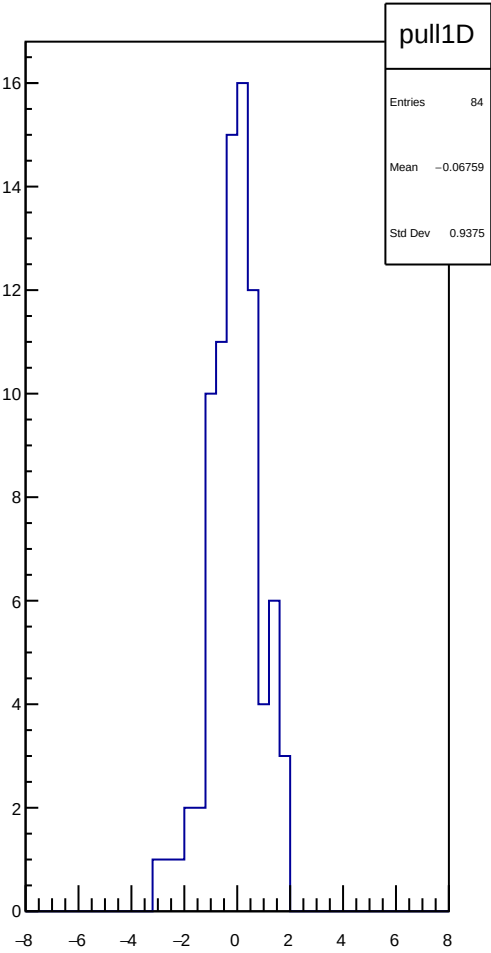
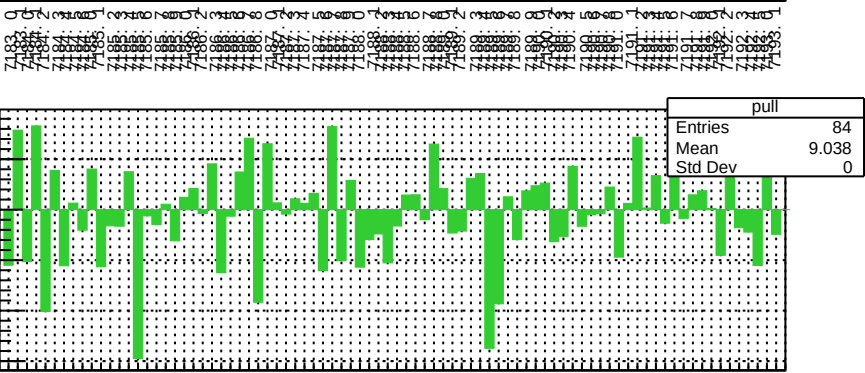
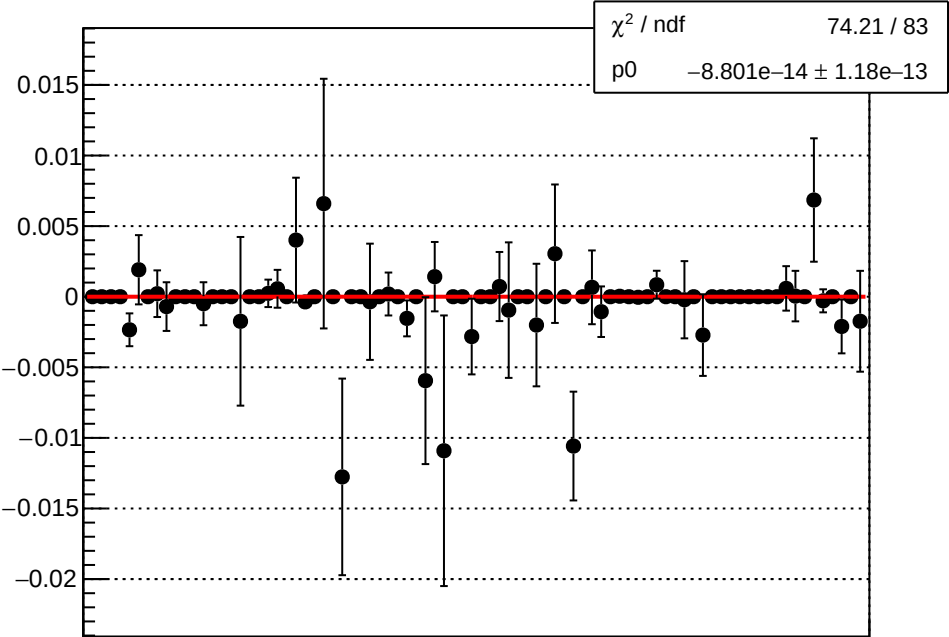
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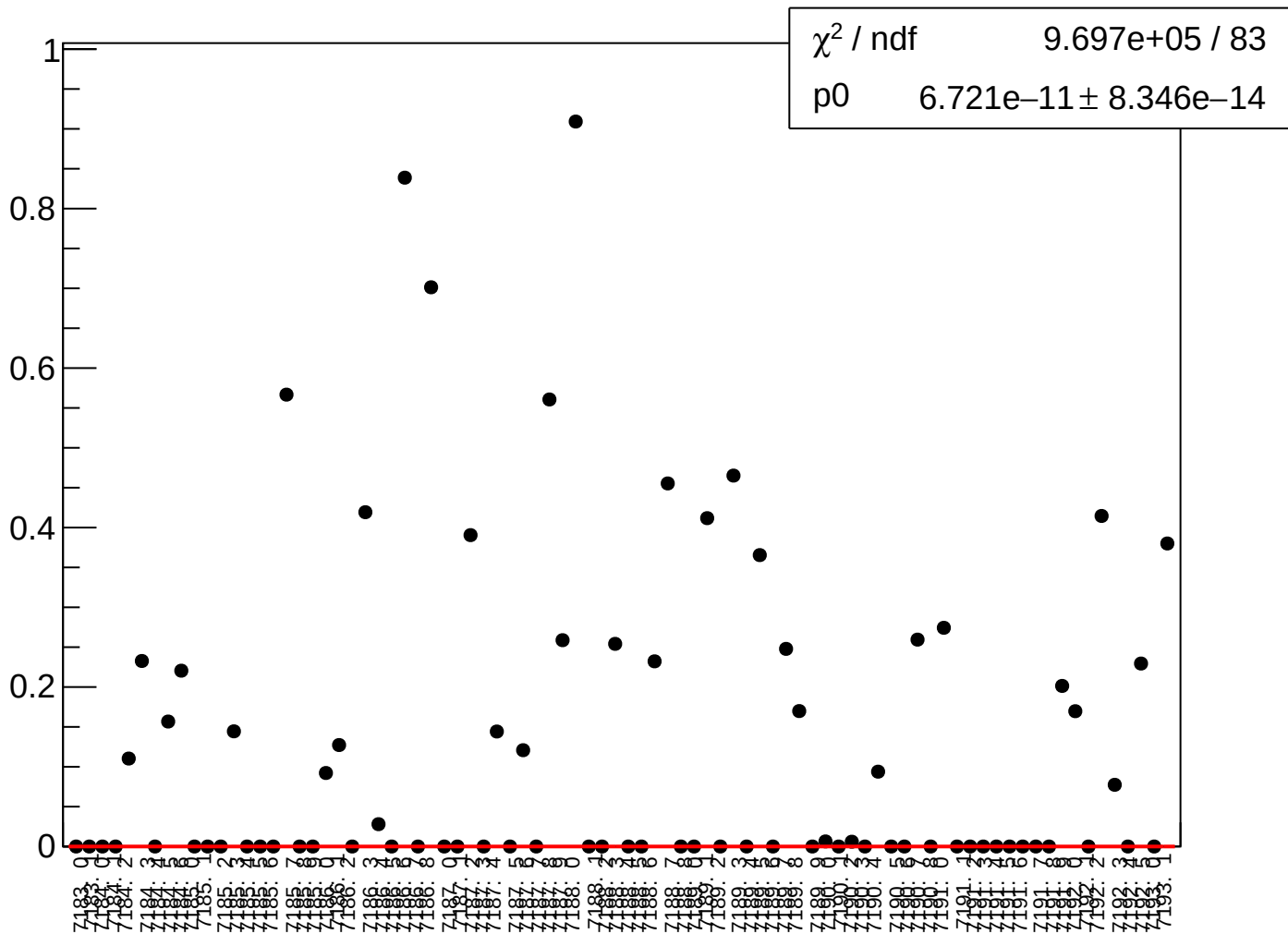
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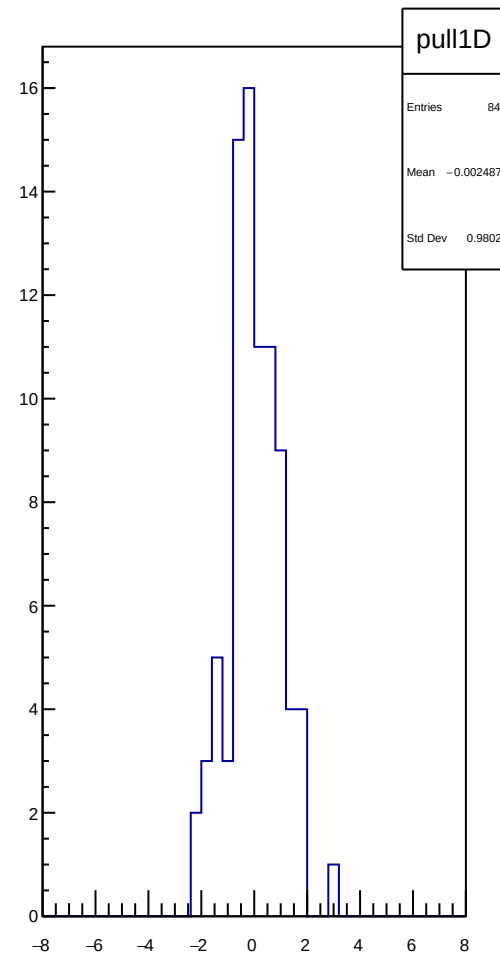
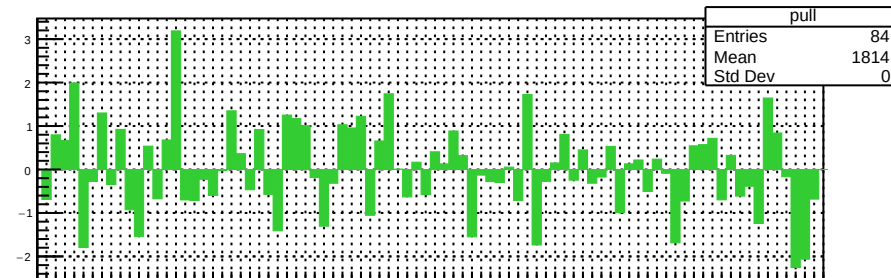
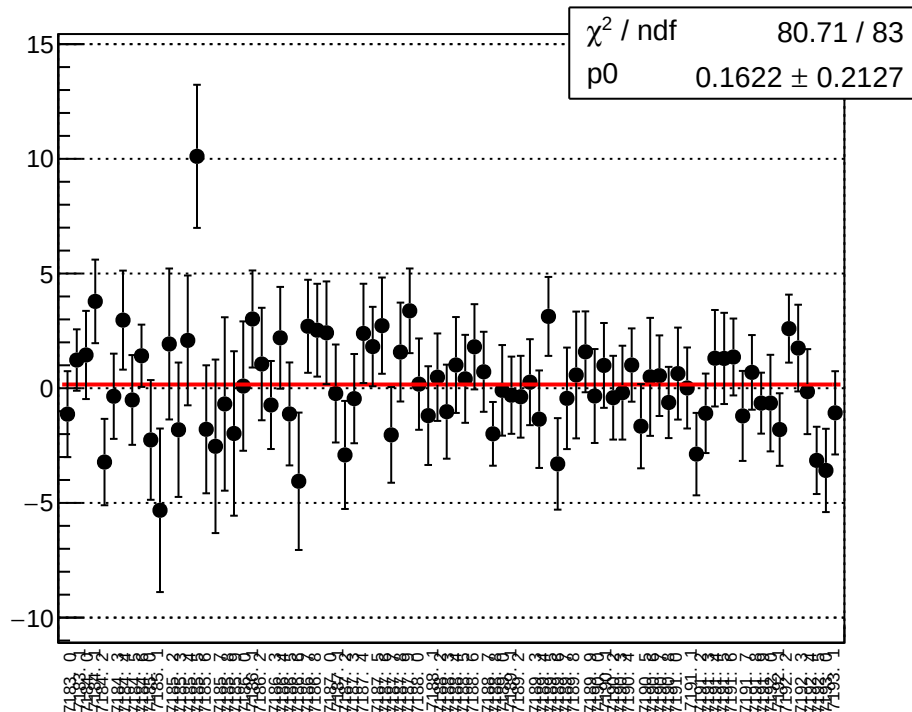
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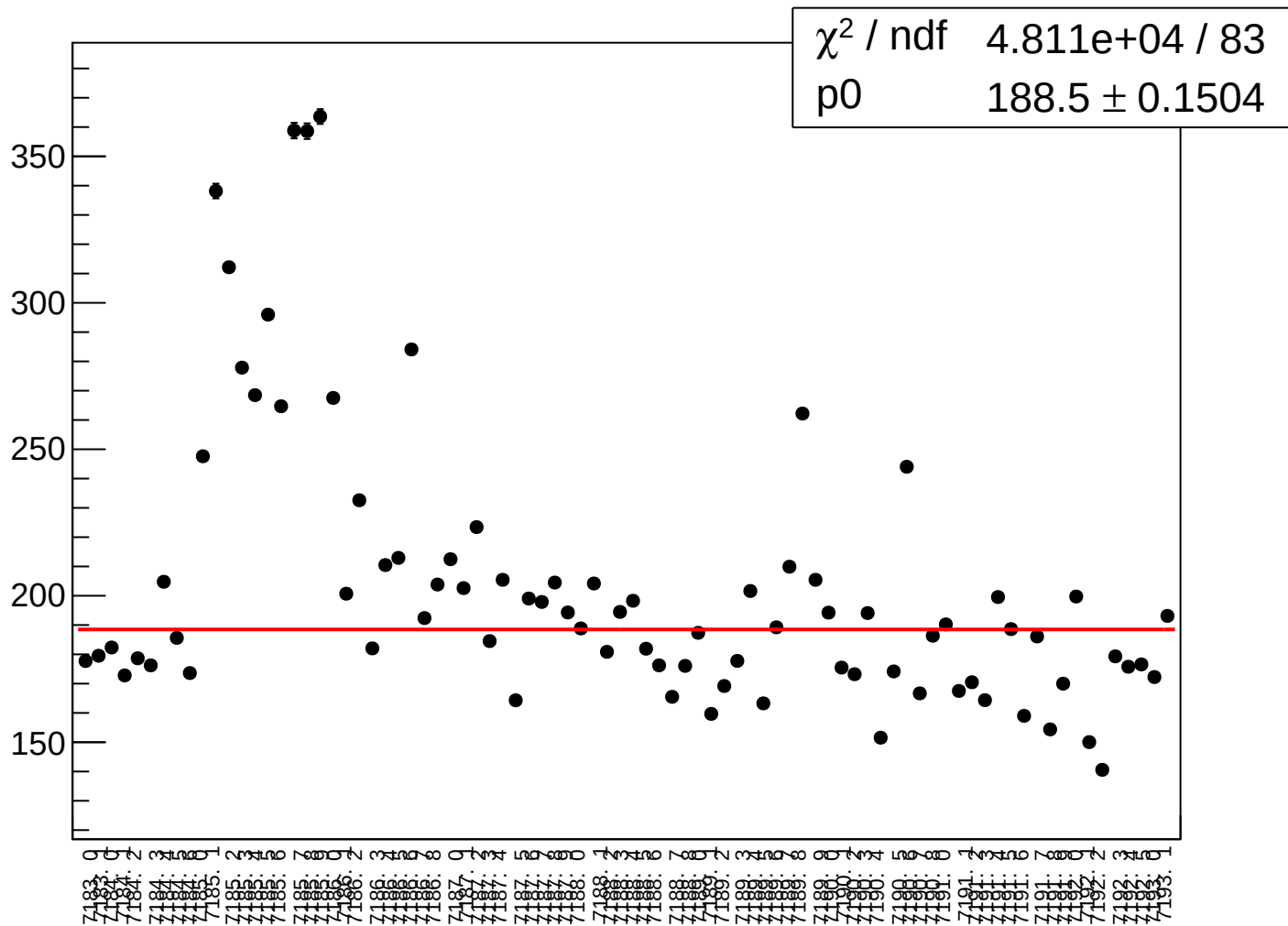
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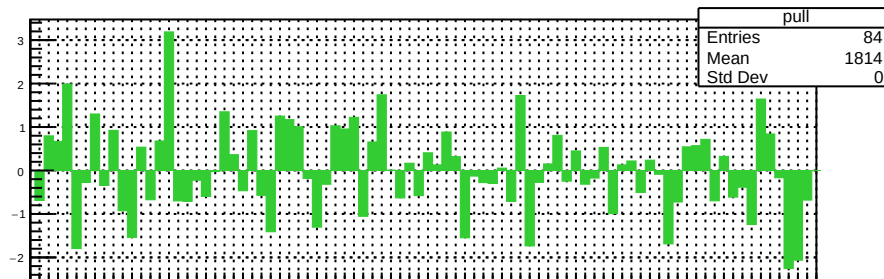
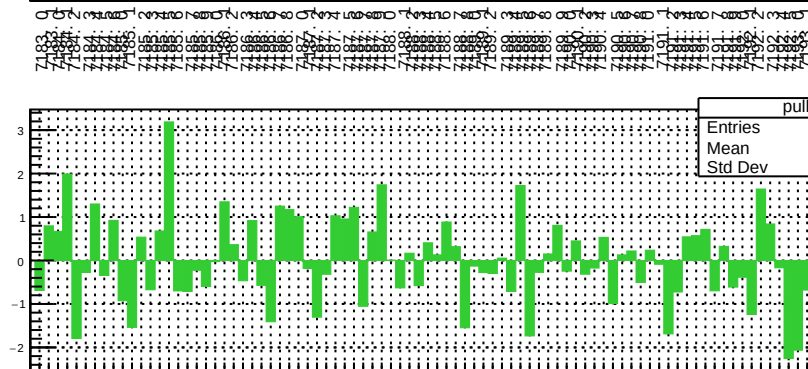
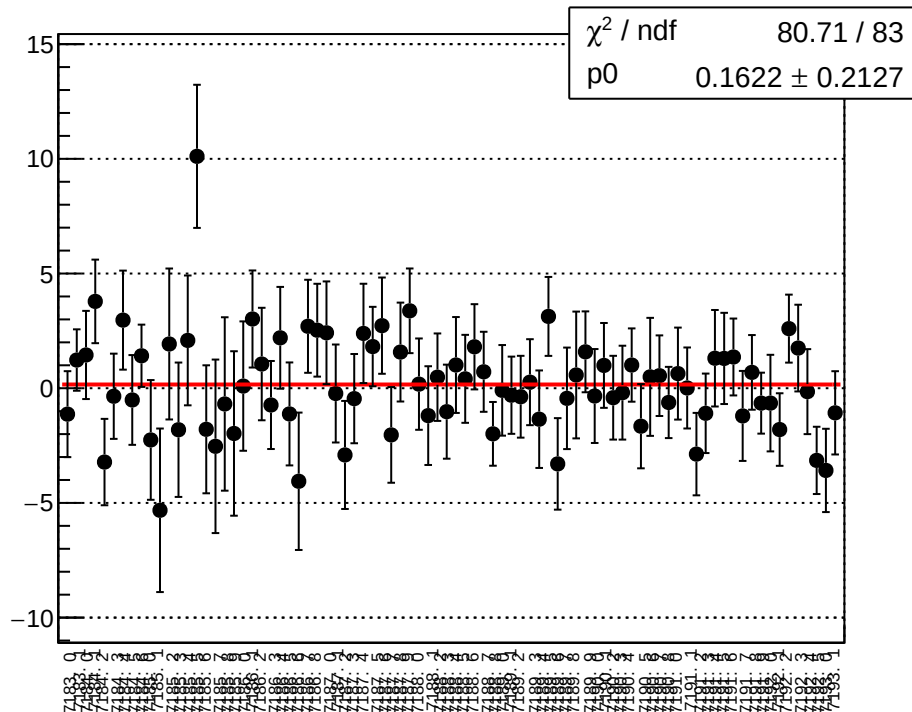
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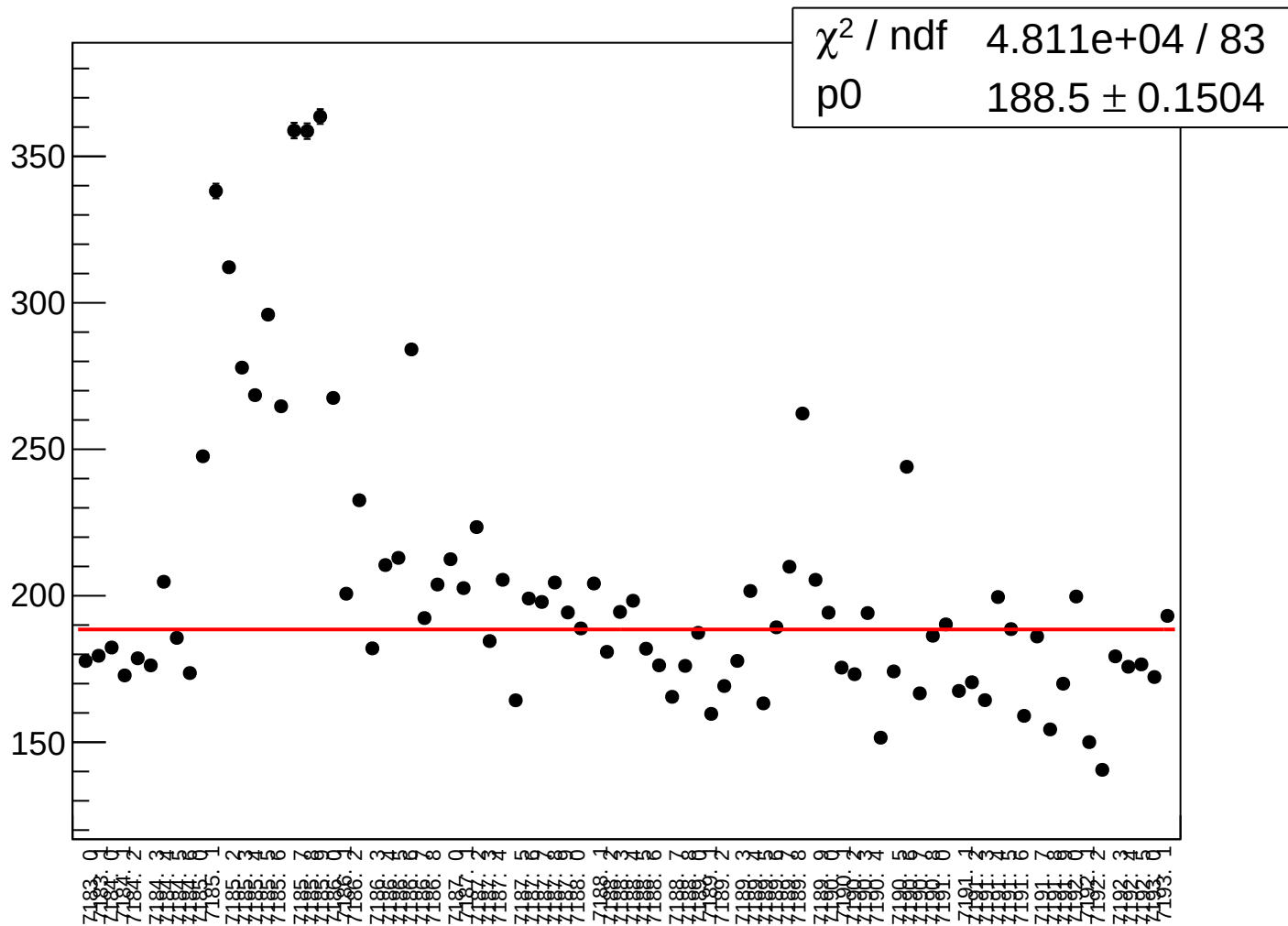
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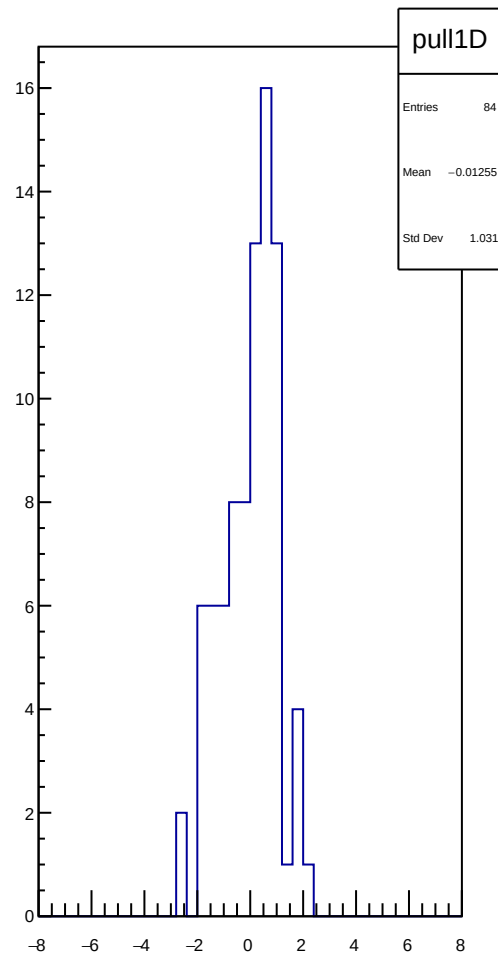
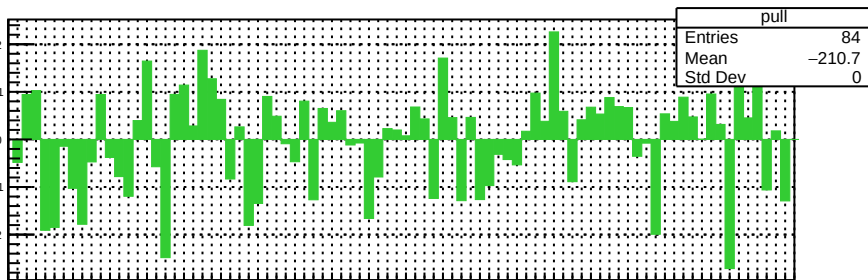
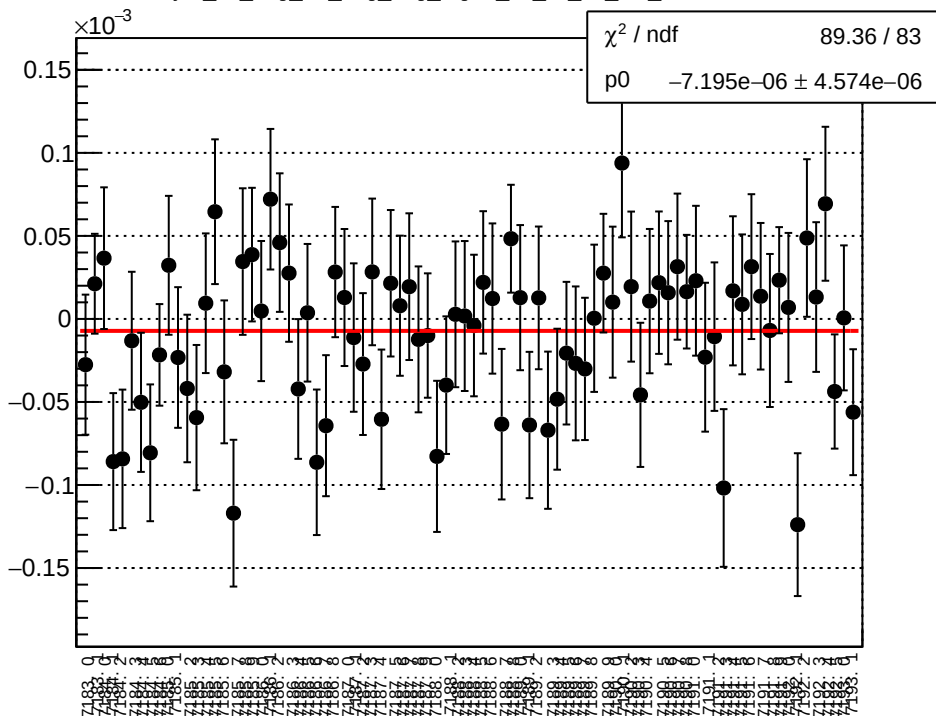
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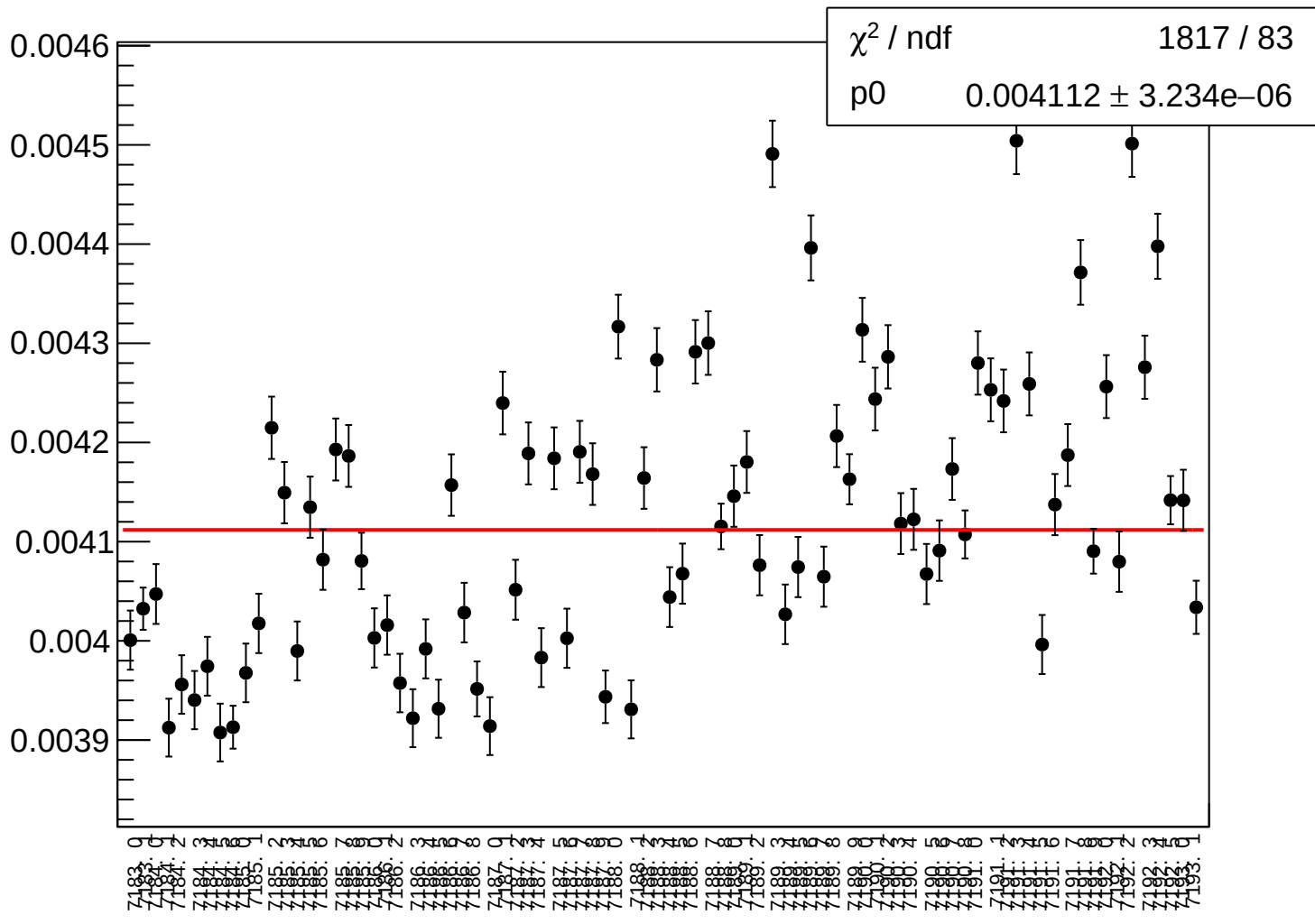
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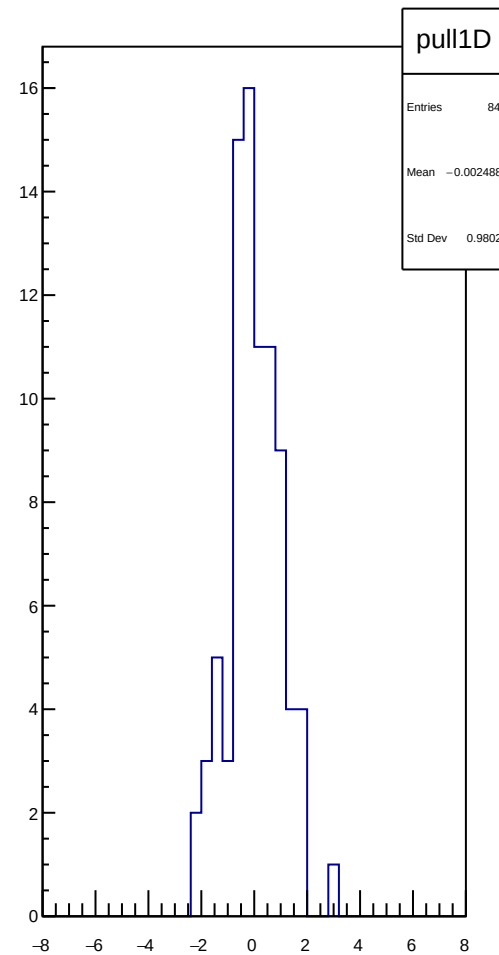
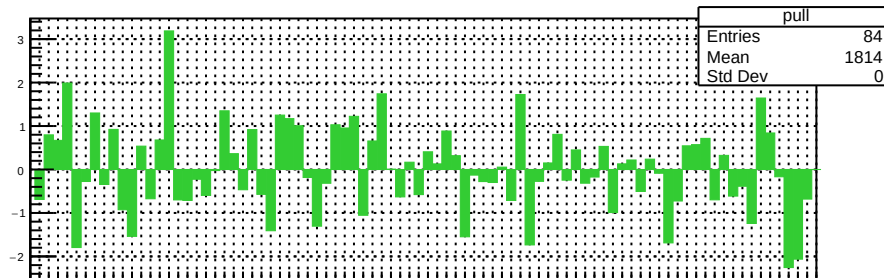
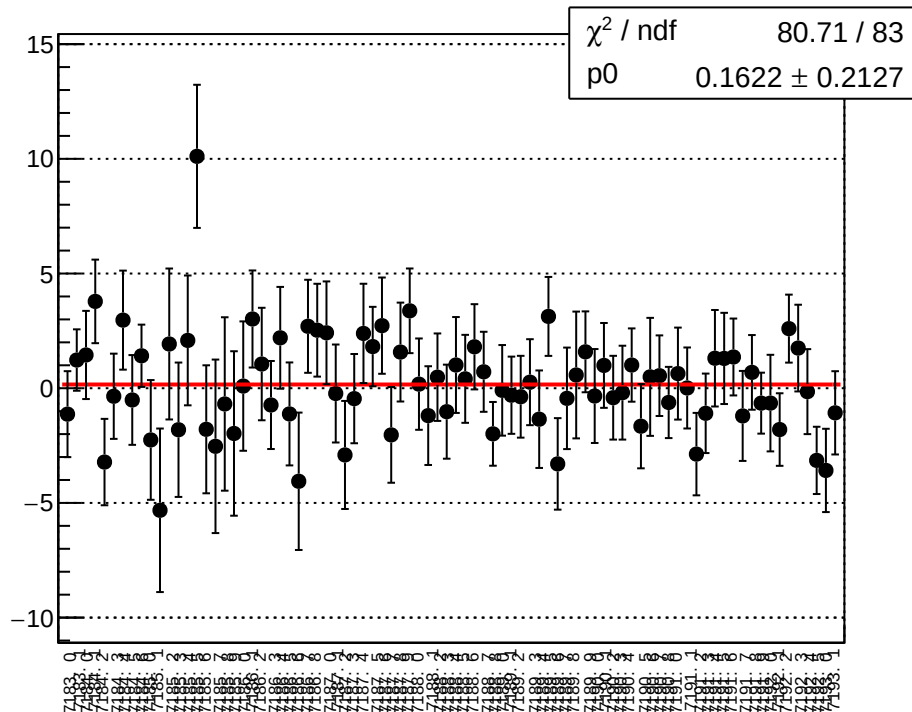
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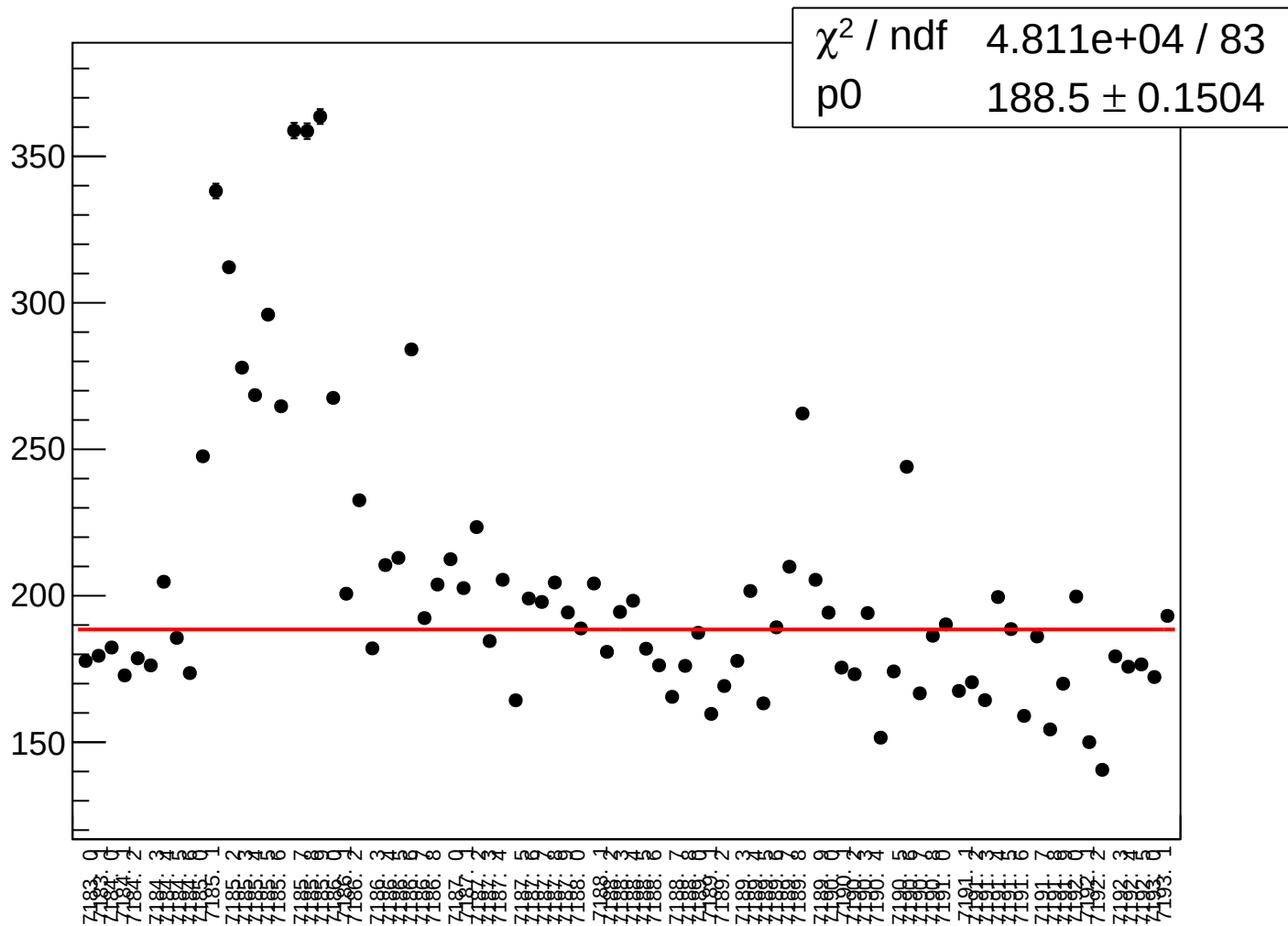
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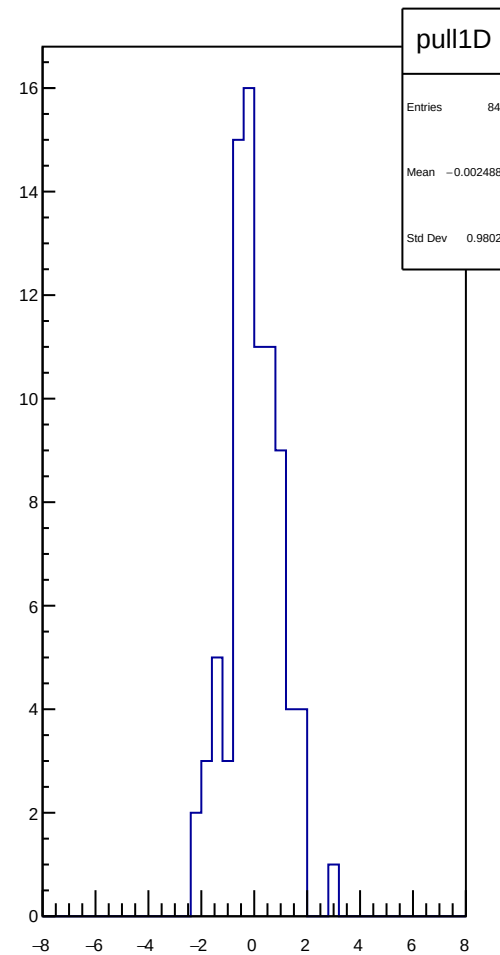
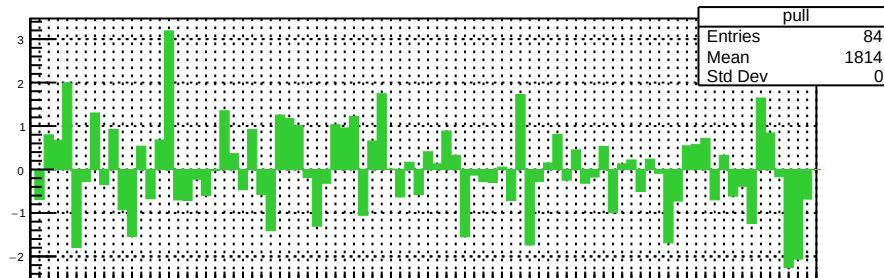
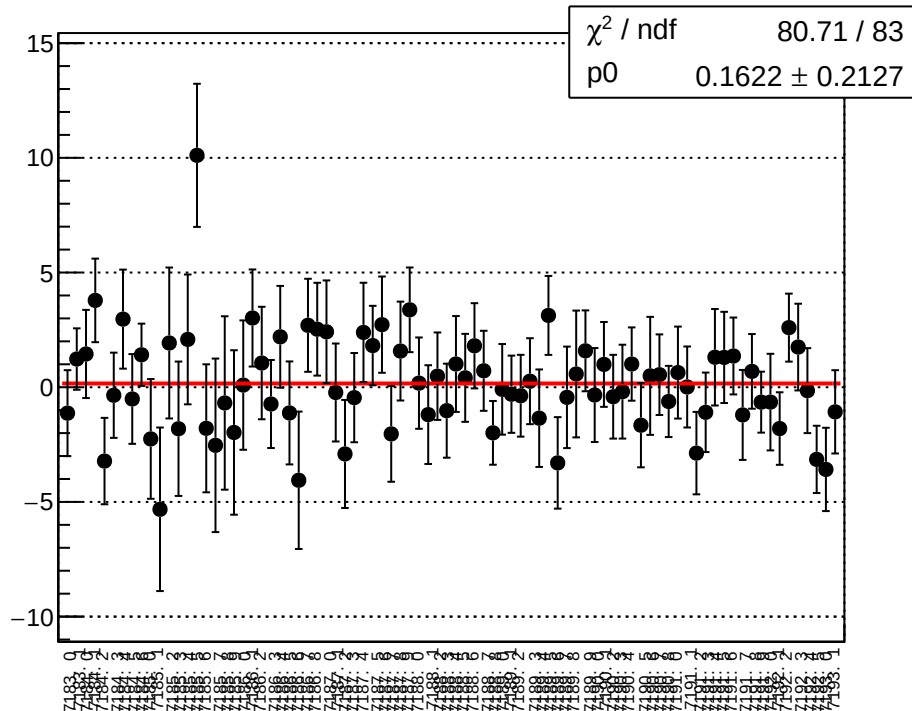
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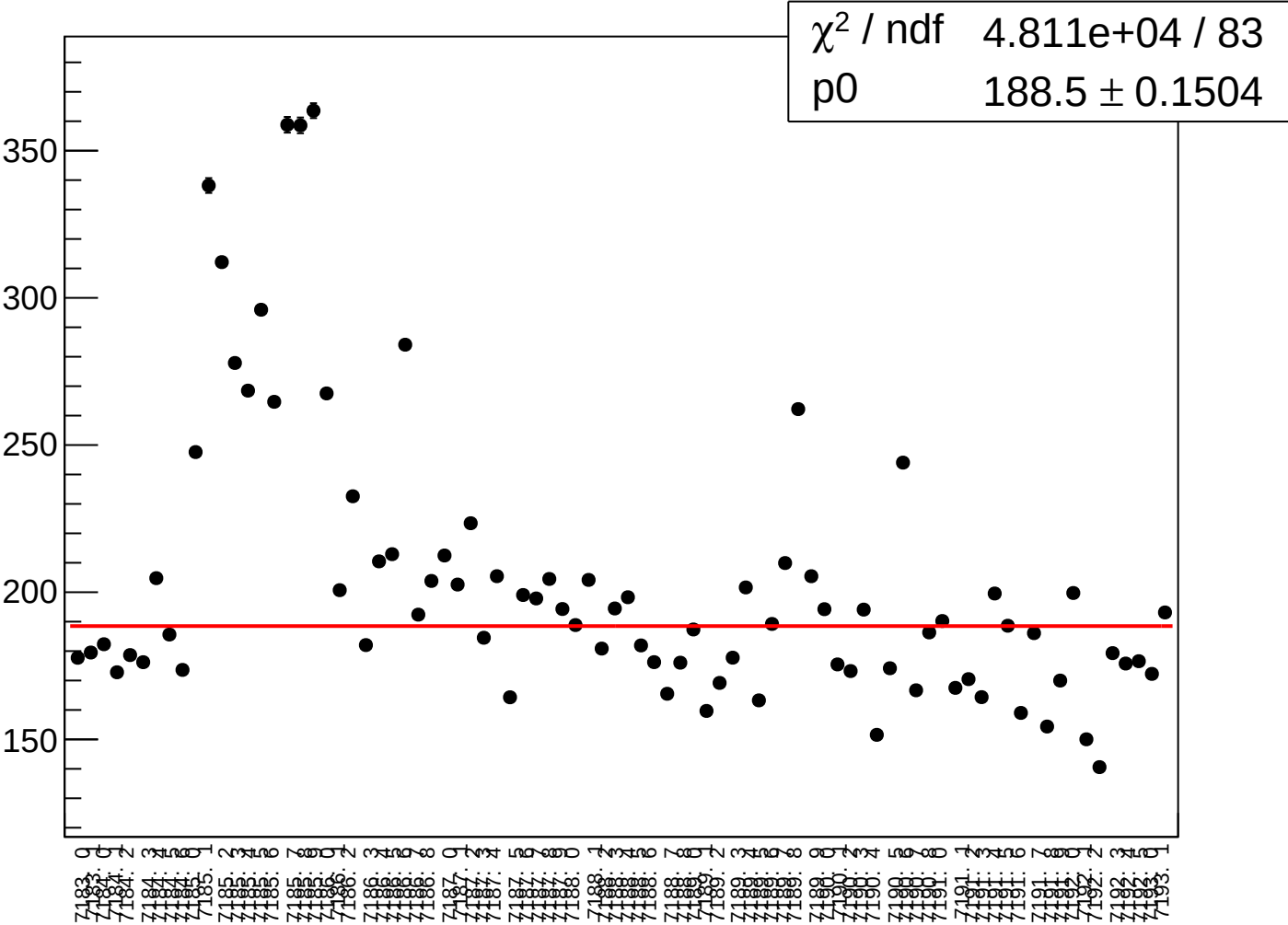
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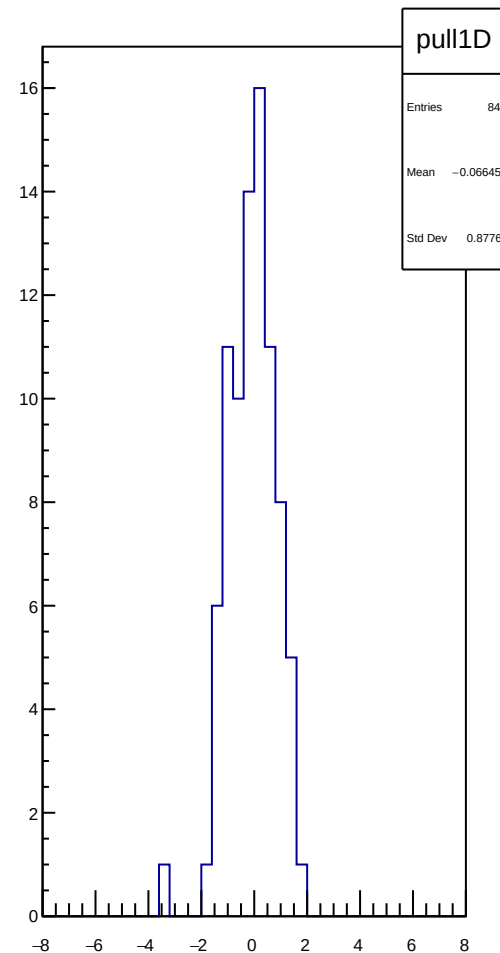
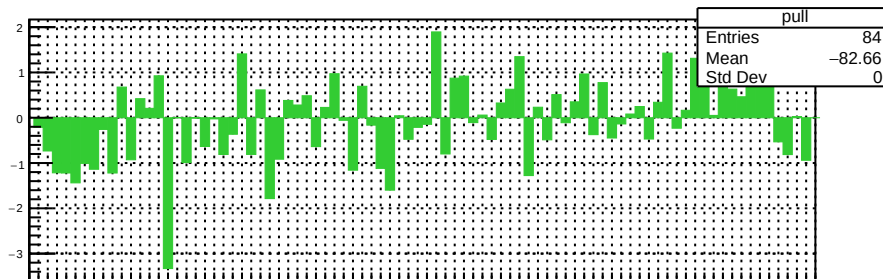
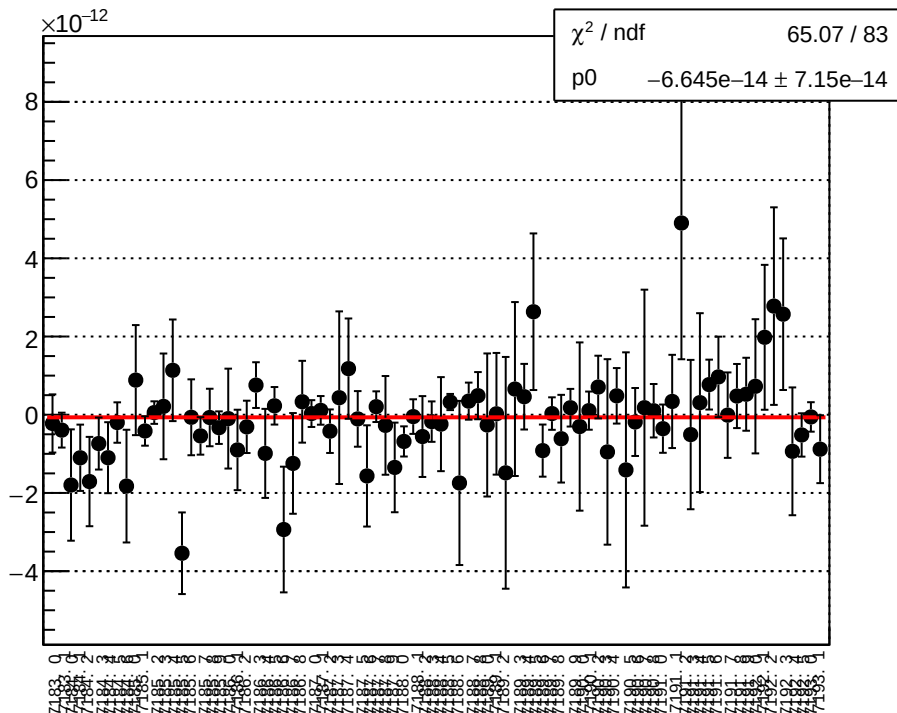
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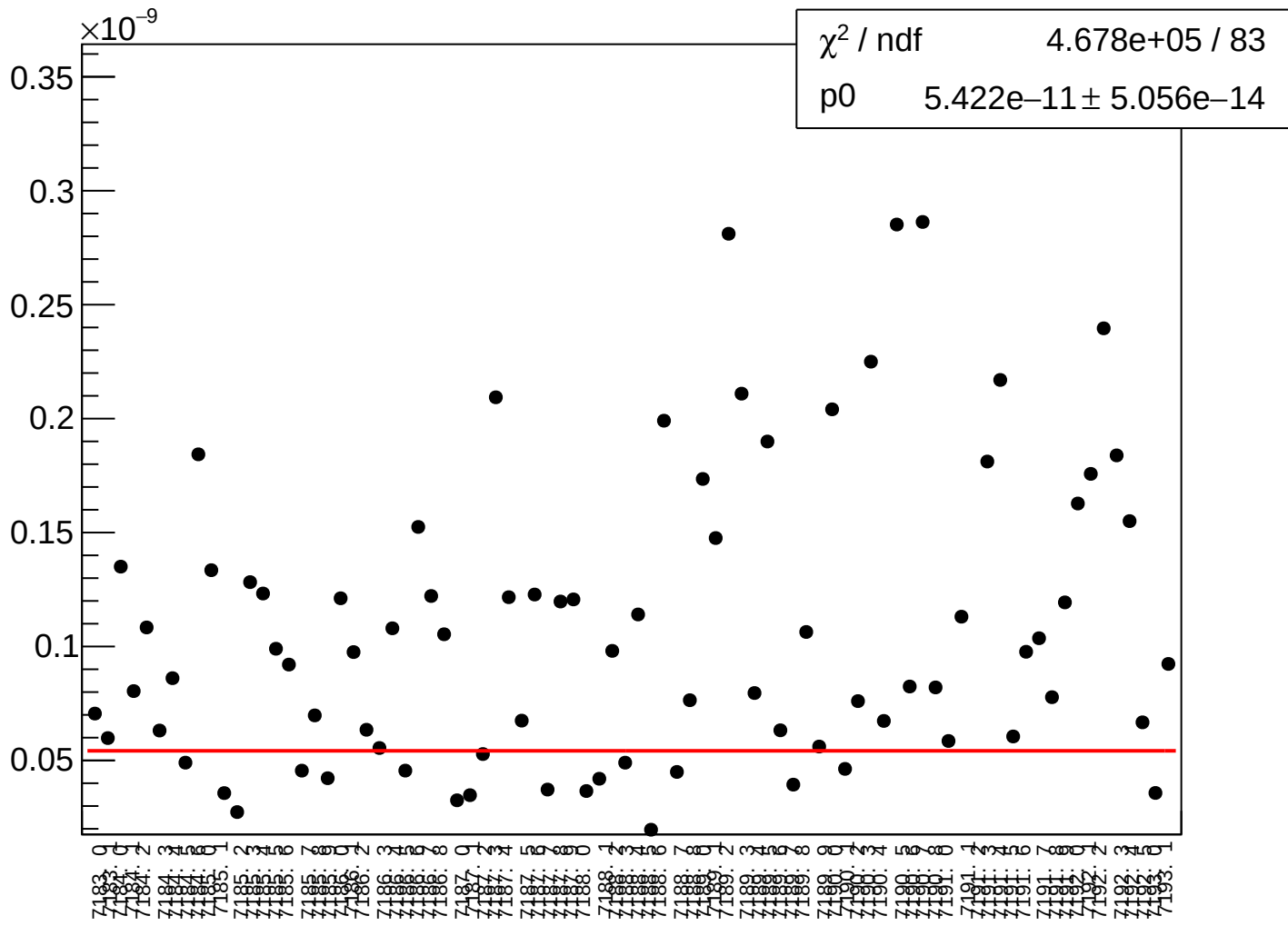
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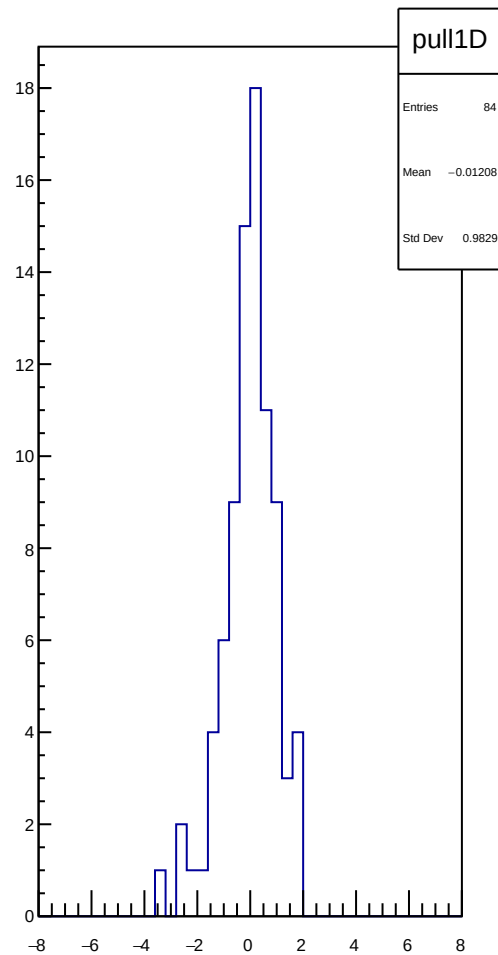
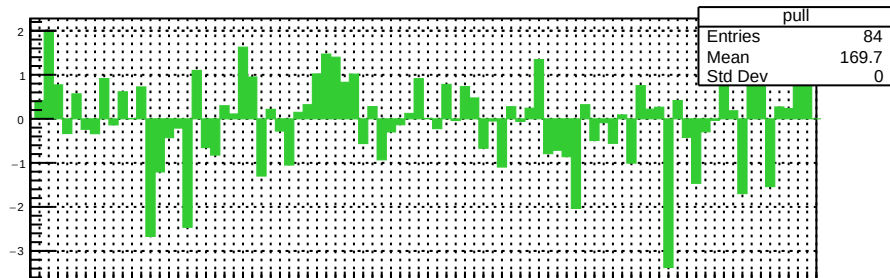
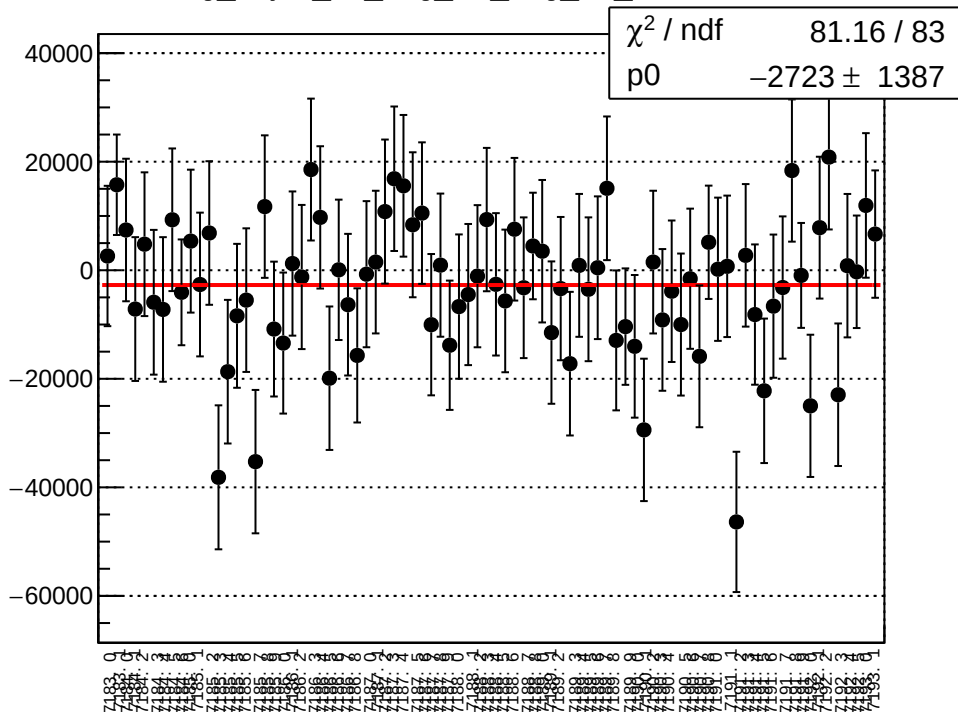
asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs run



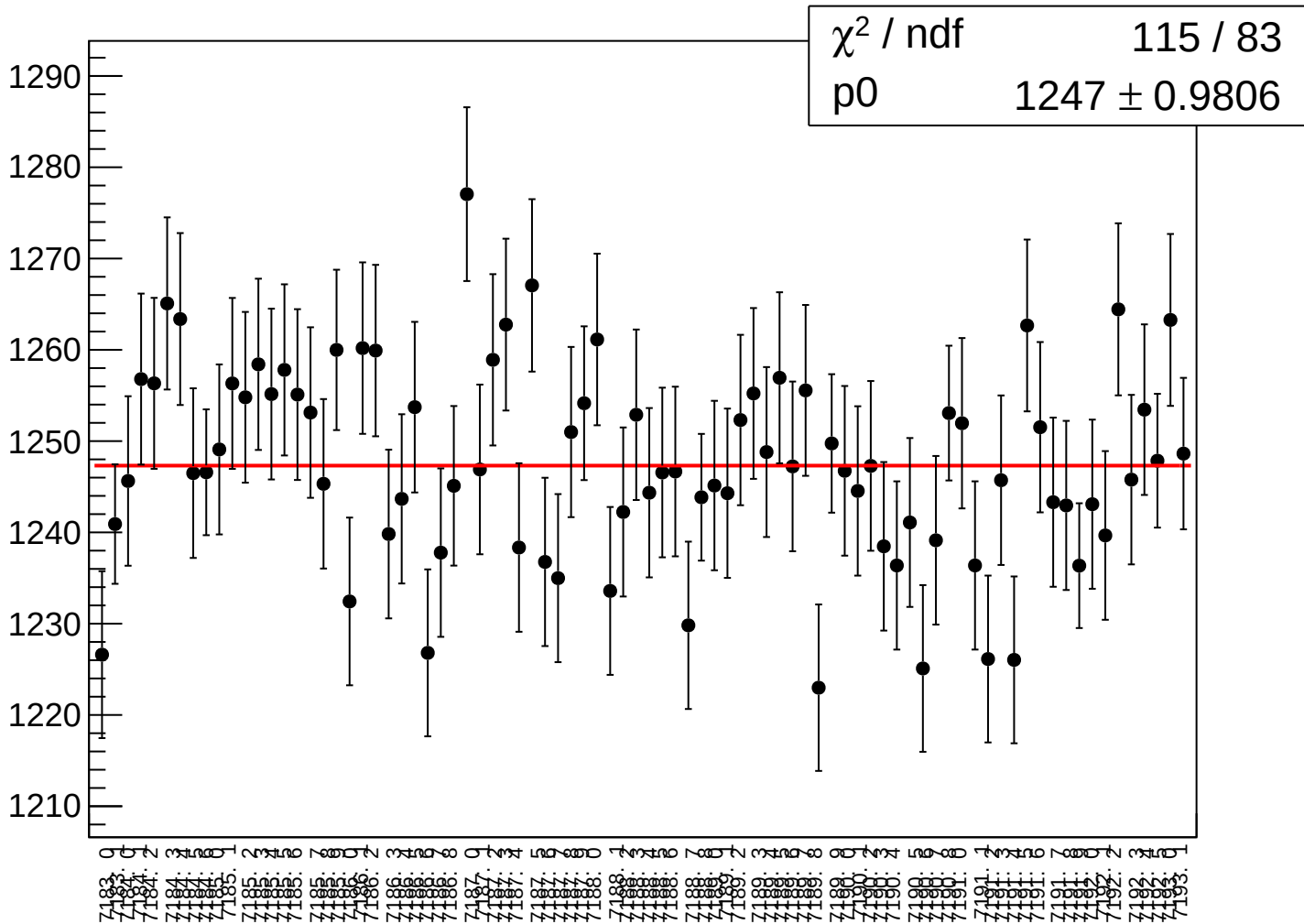
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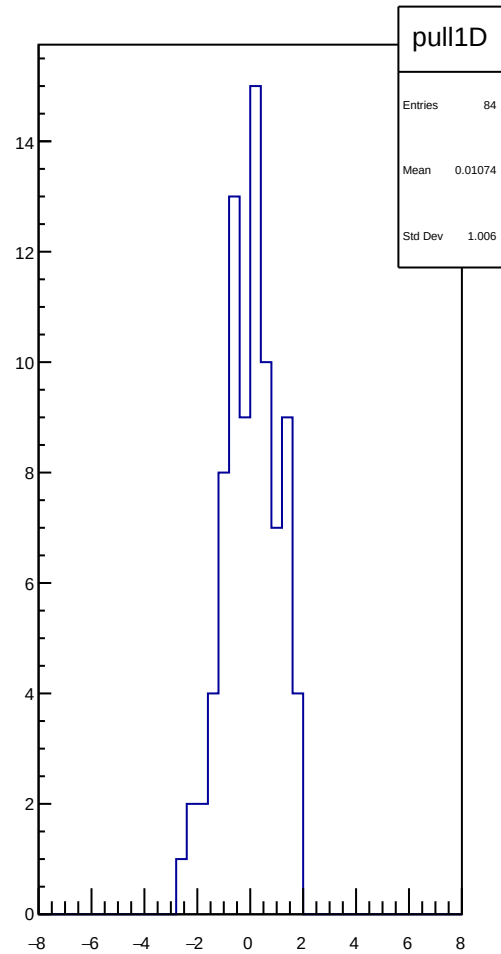
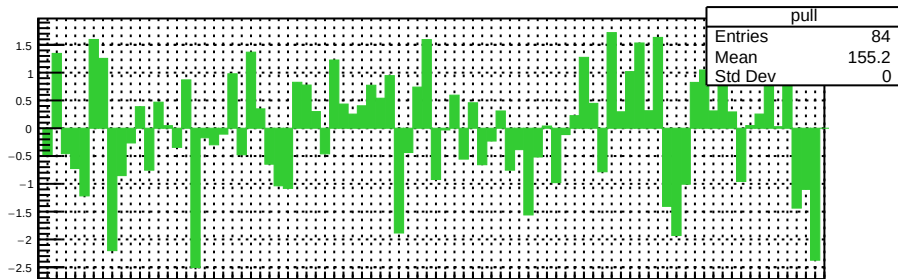
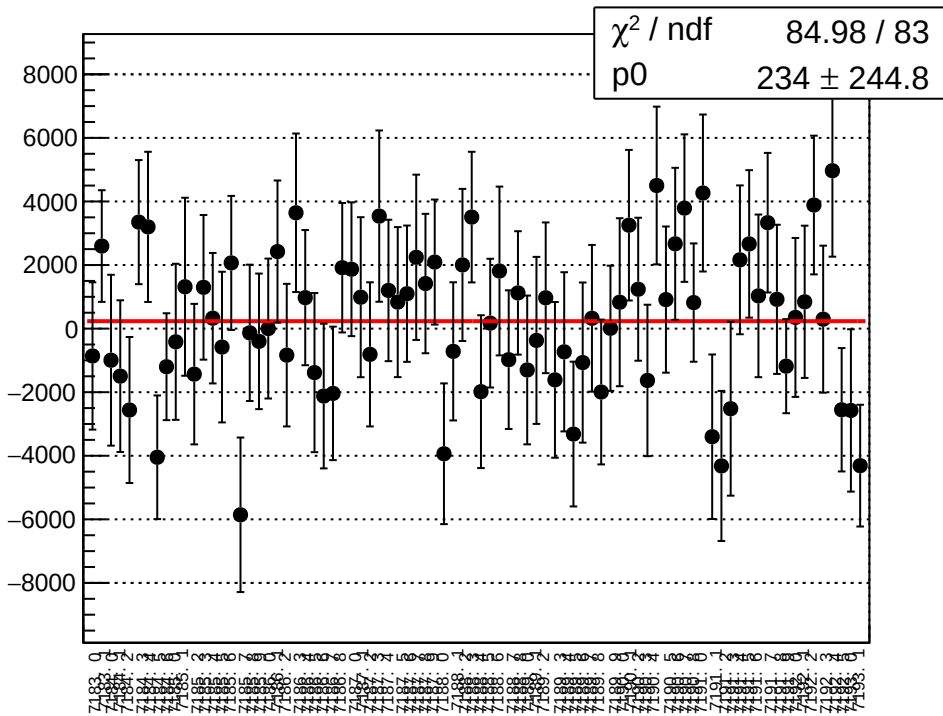
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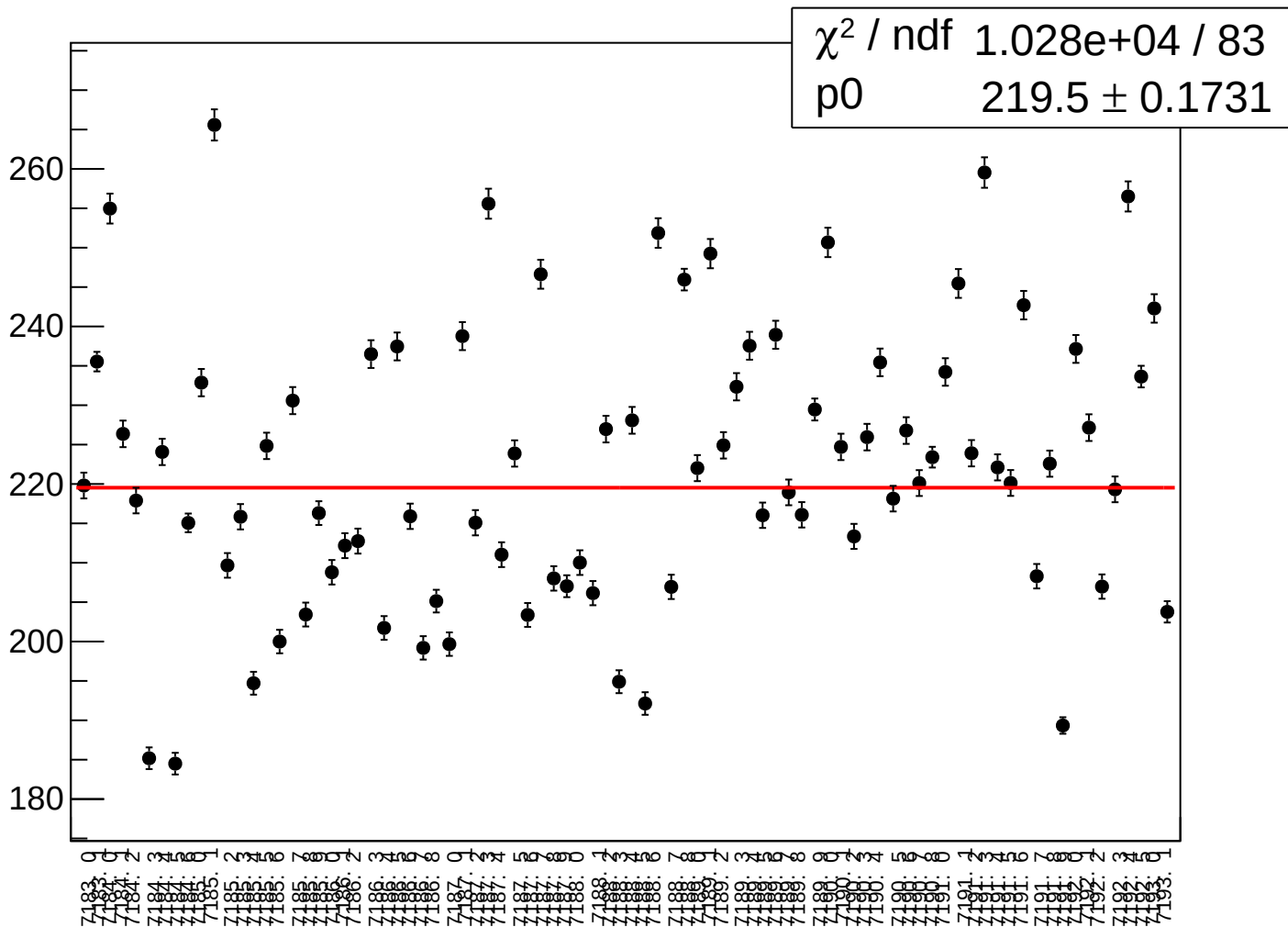
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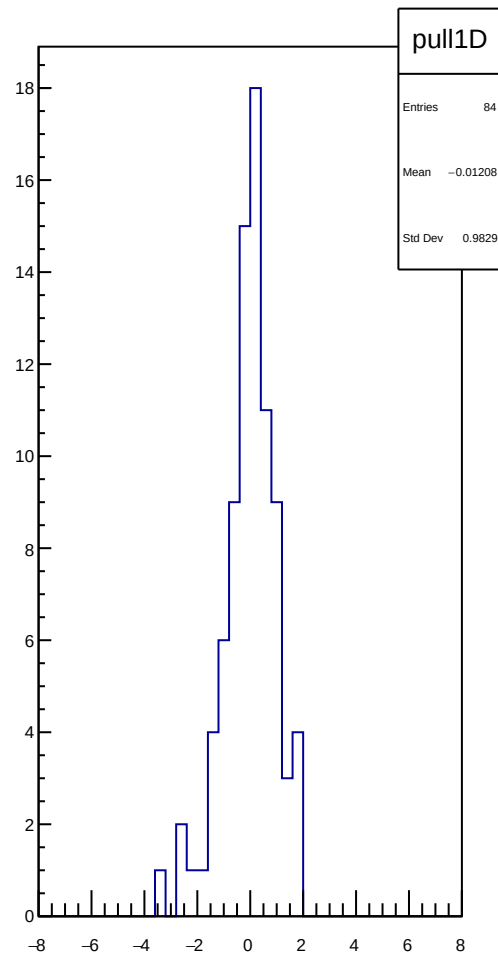
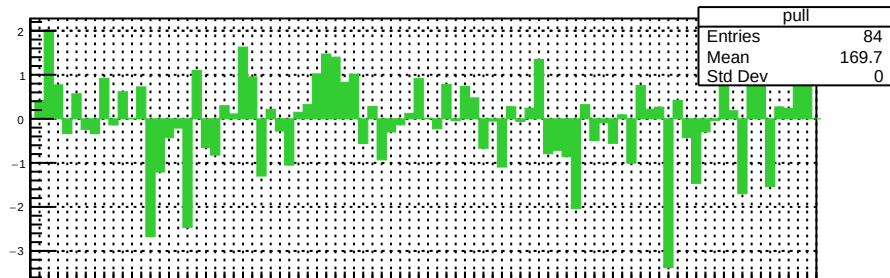
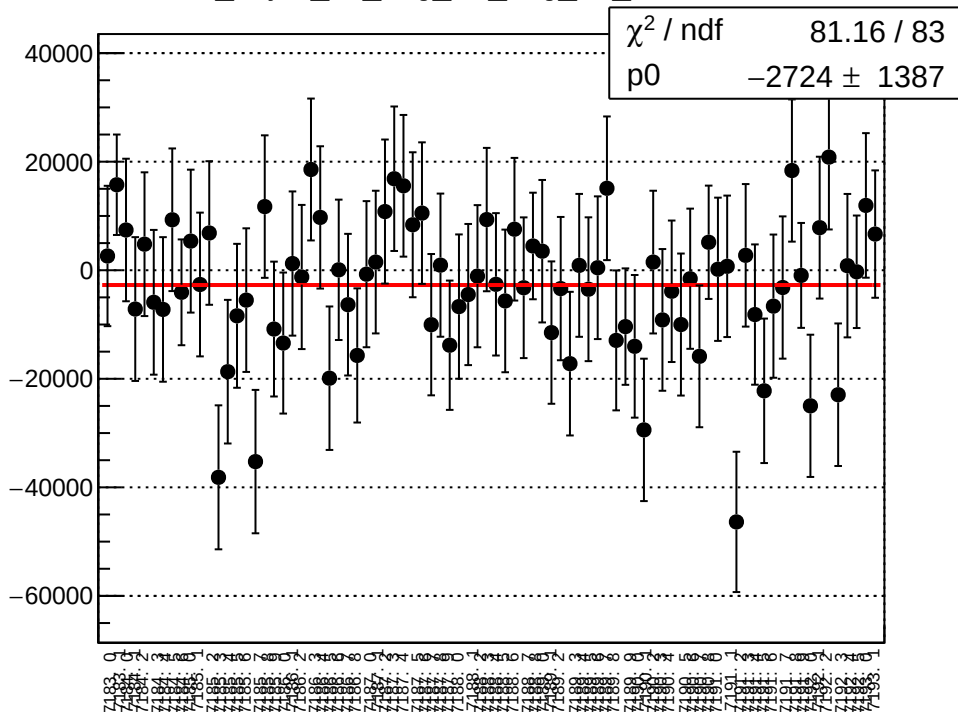
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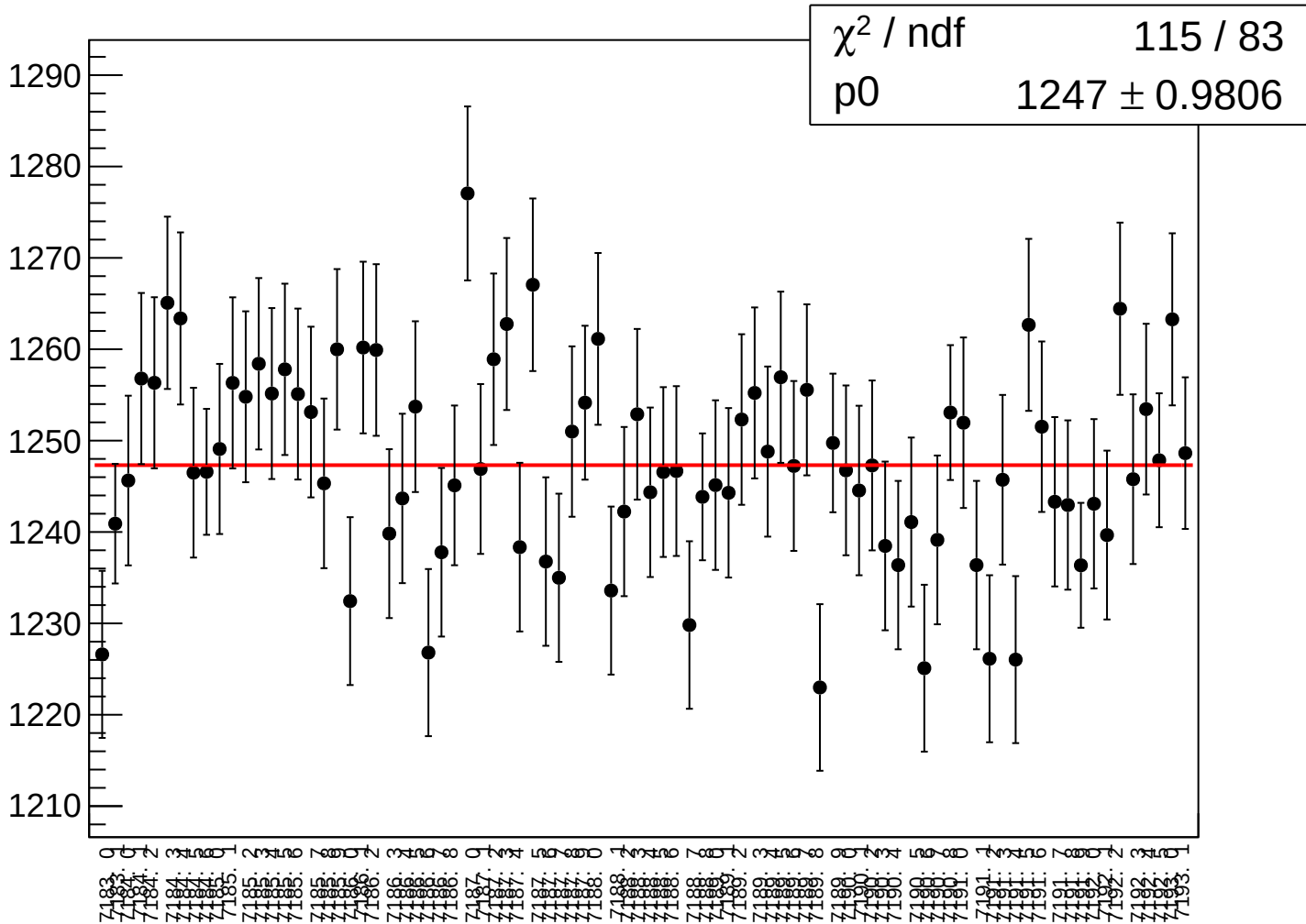
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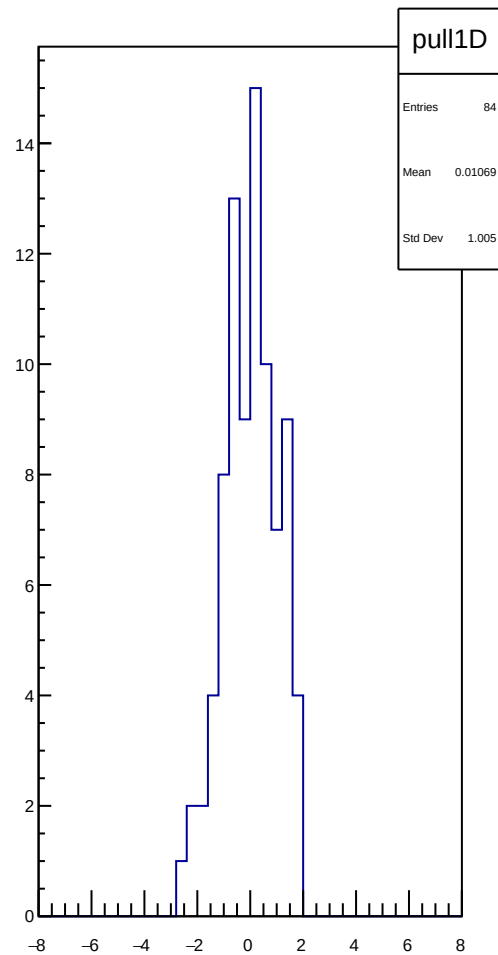
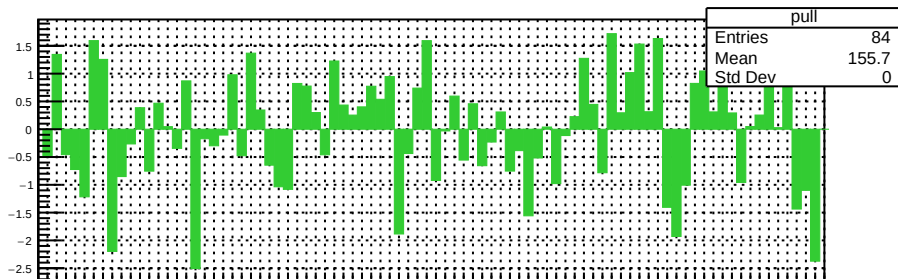
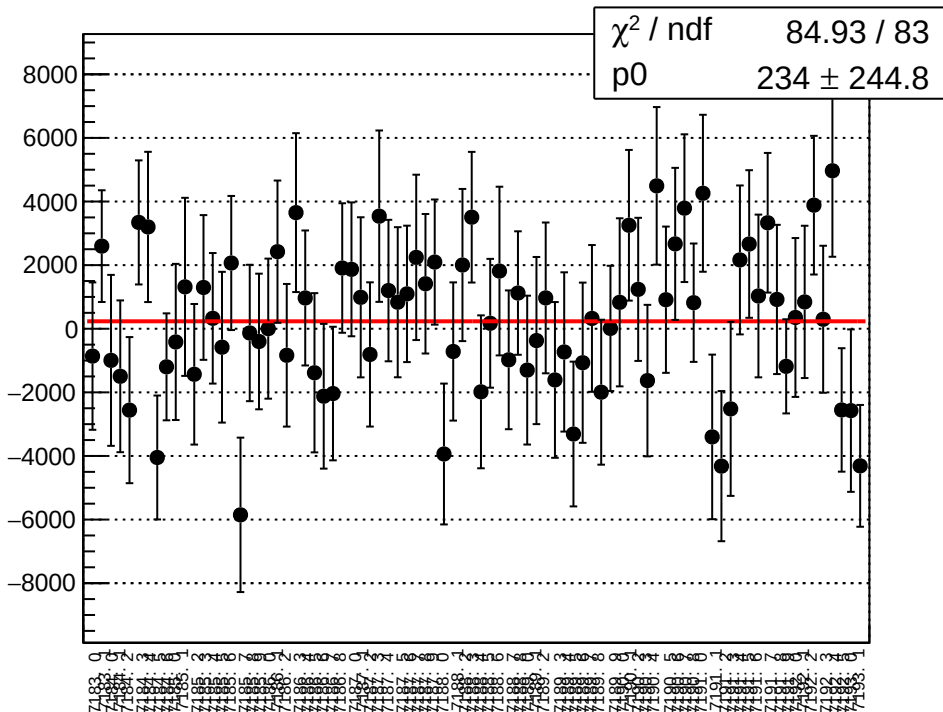
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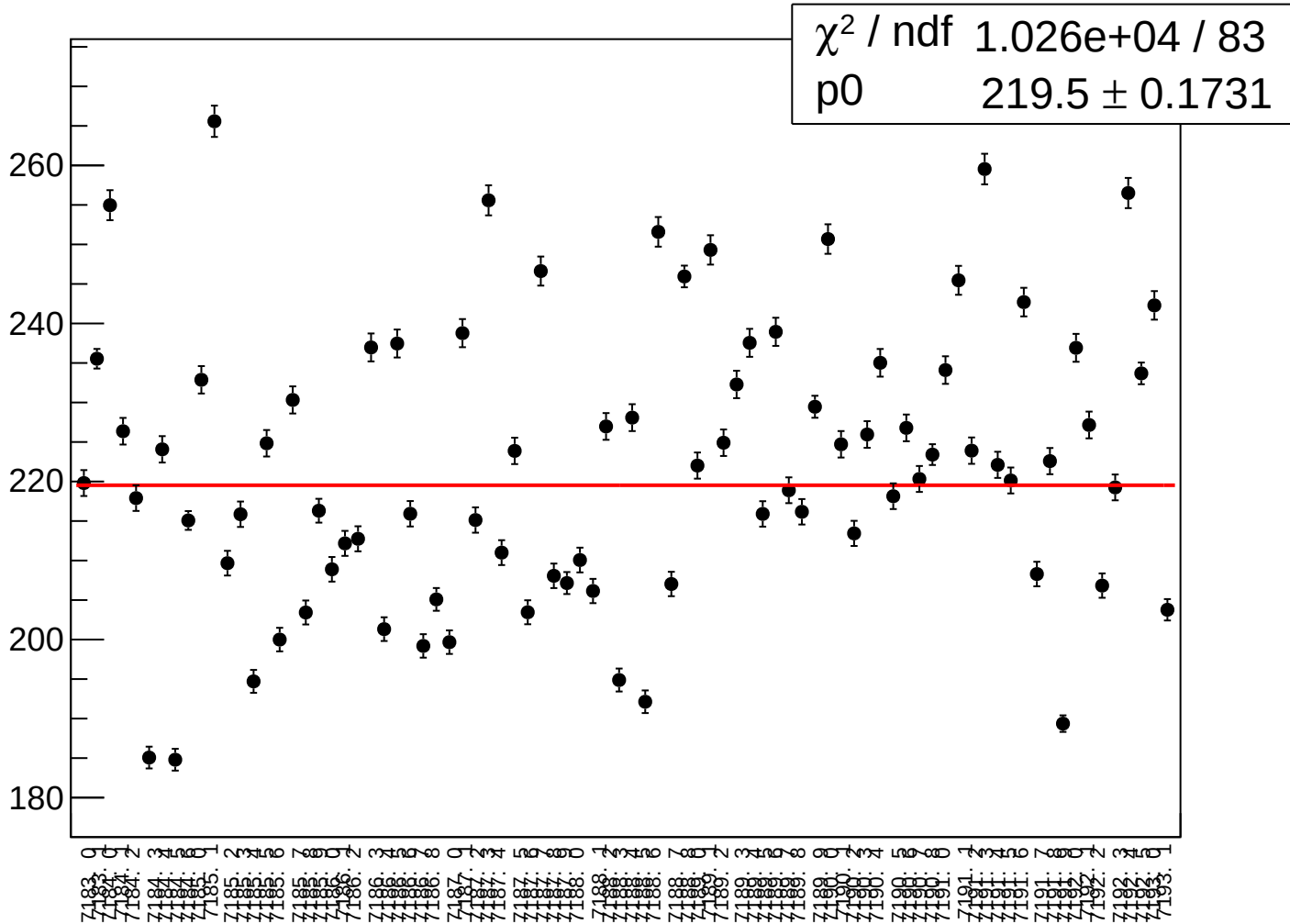
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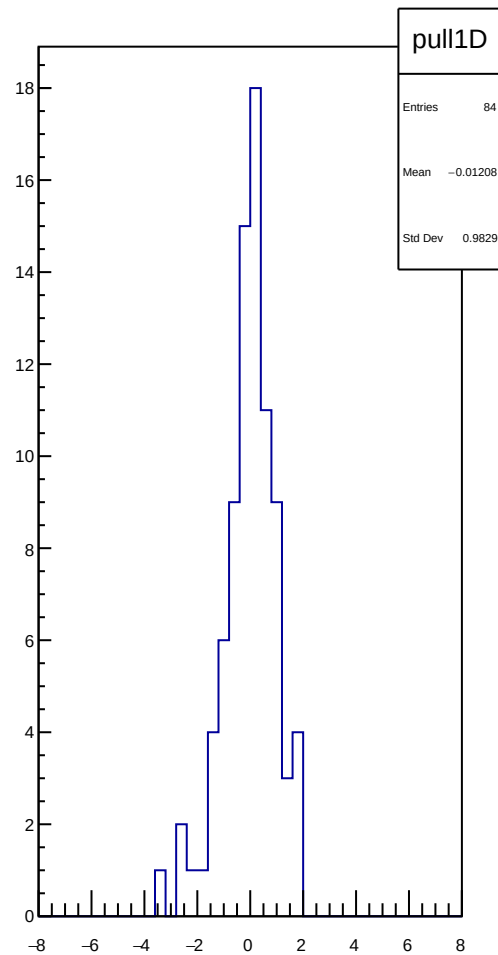
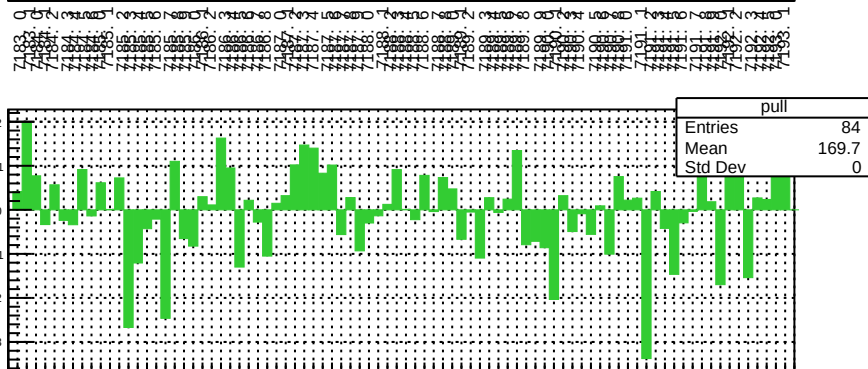
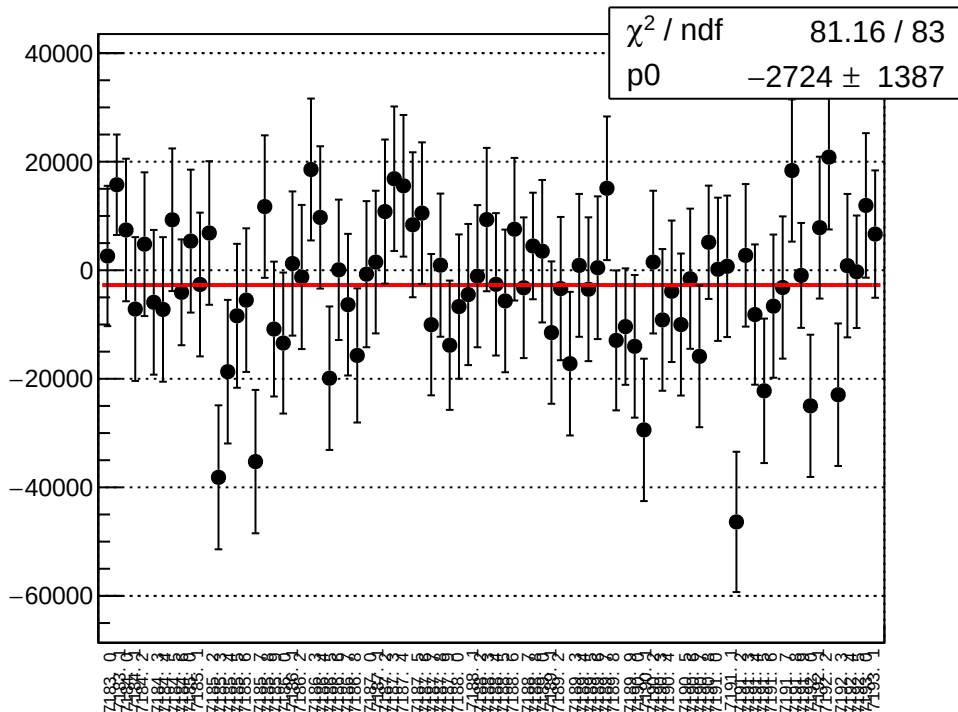
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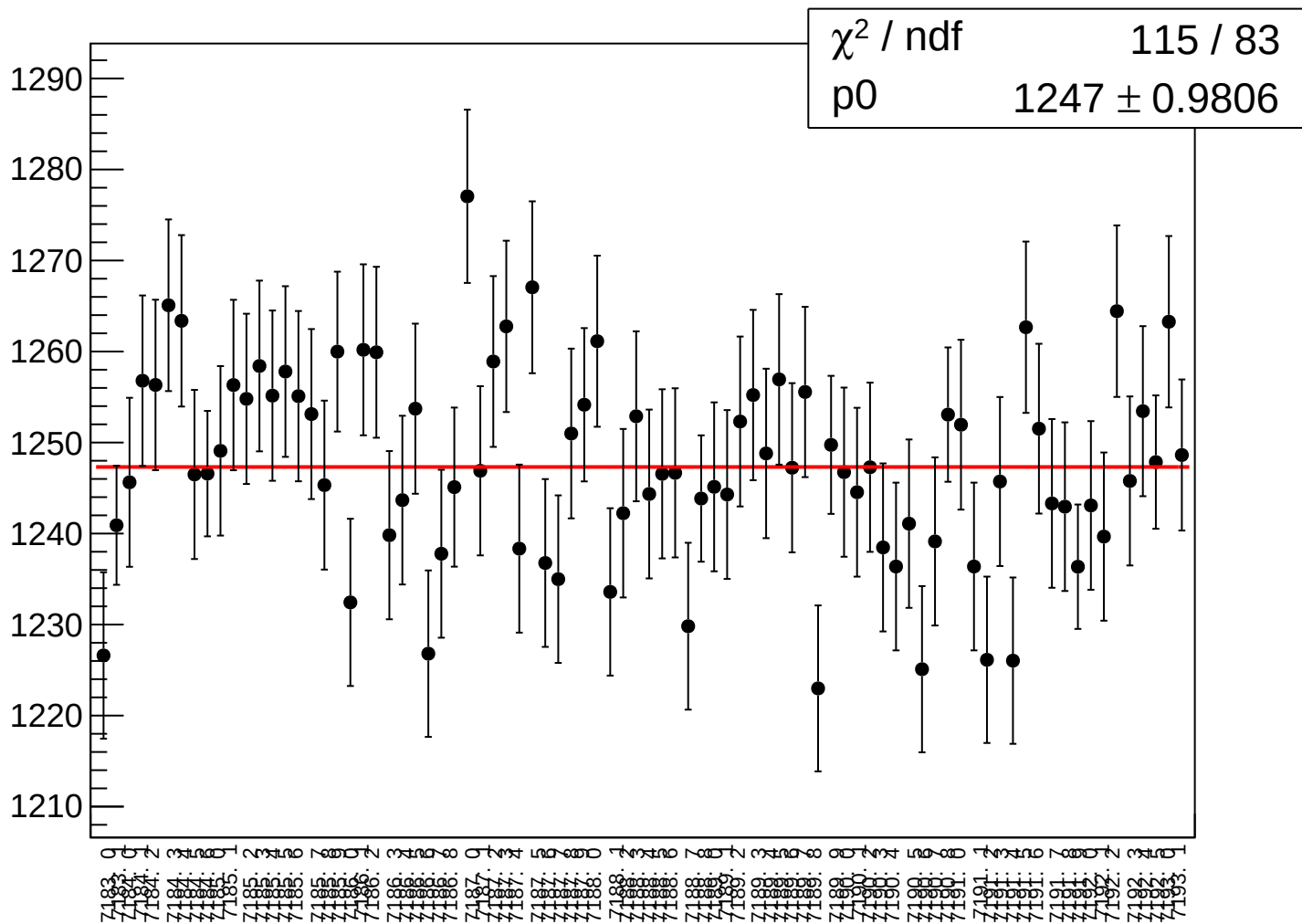
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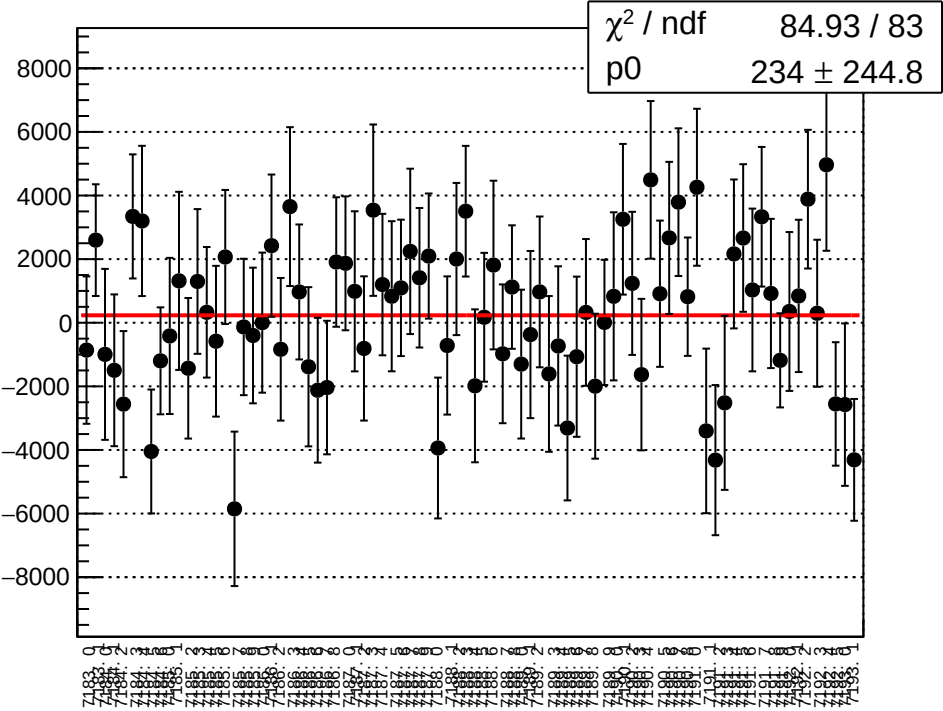
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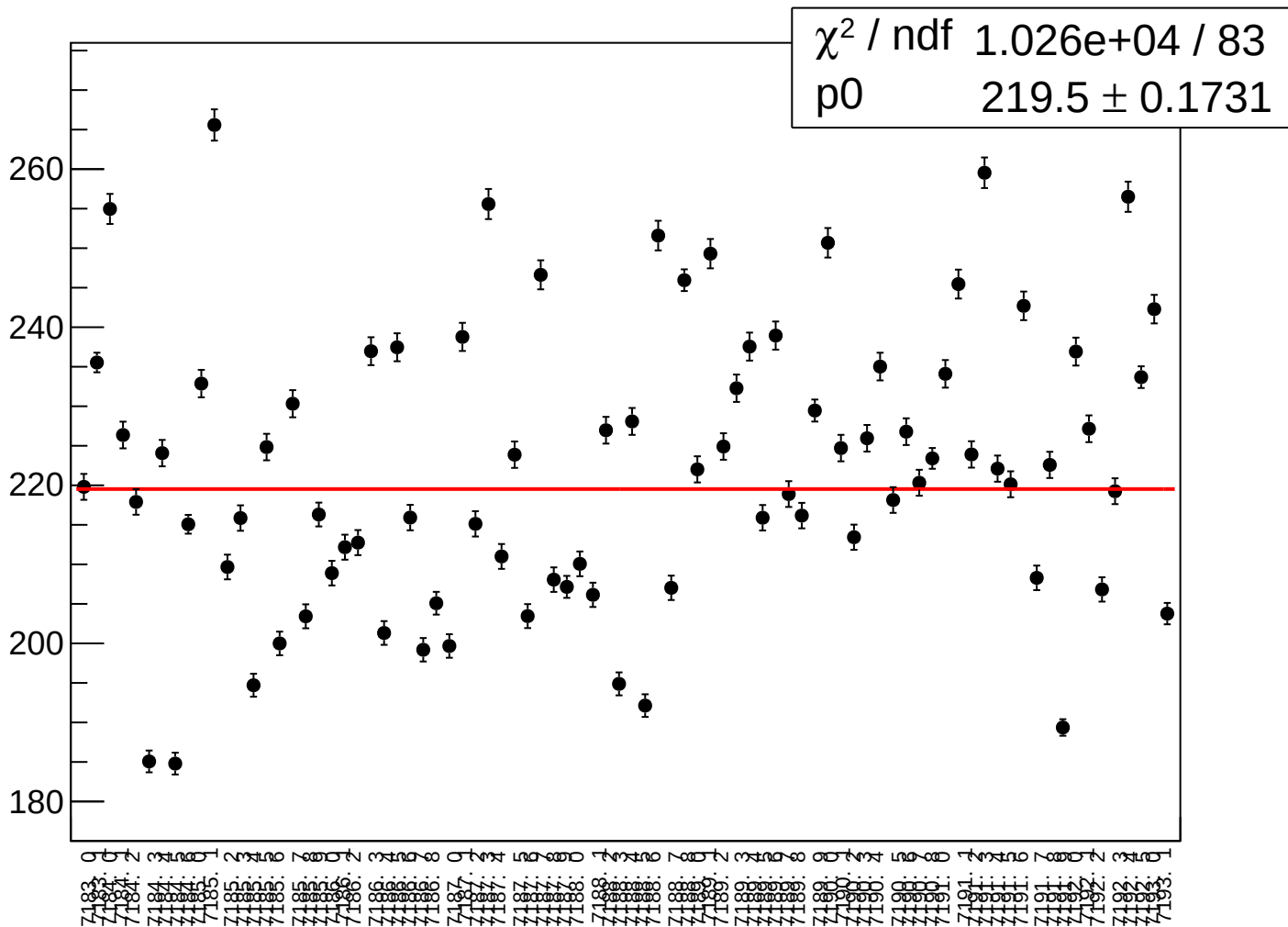
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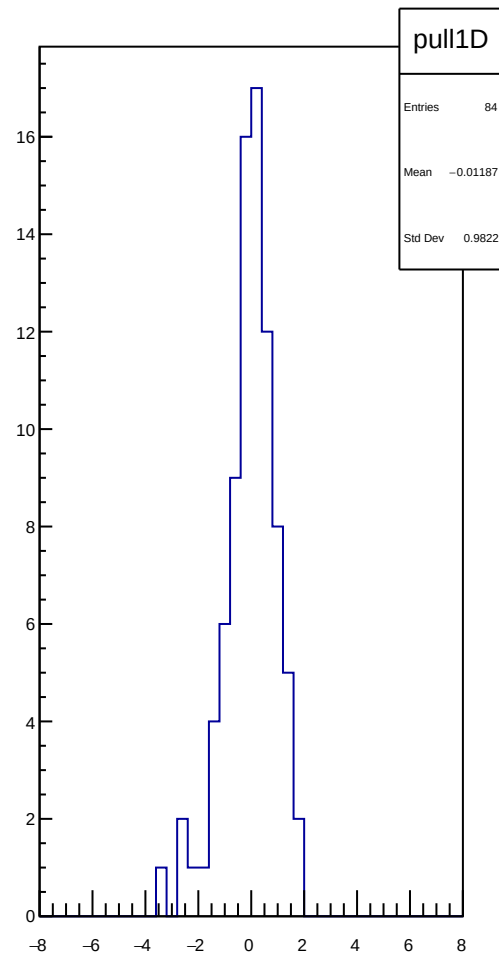
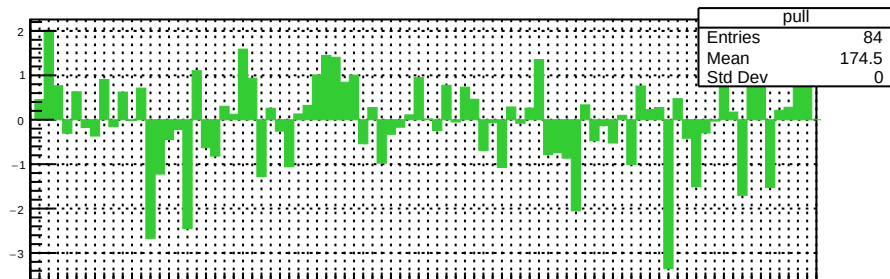
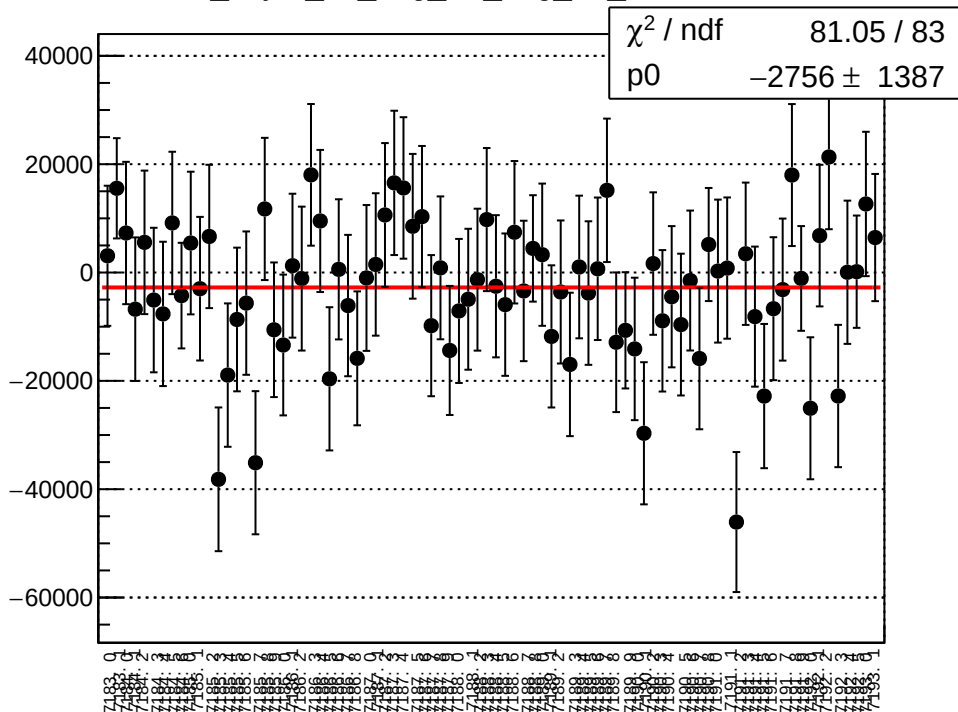
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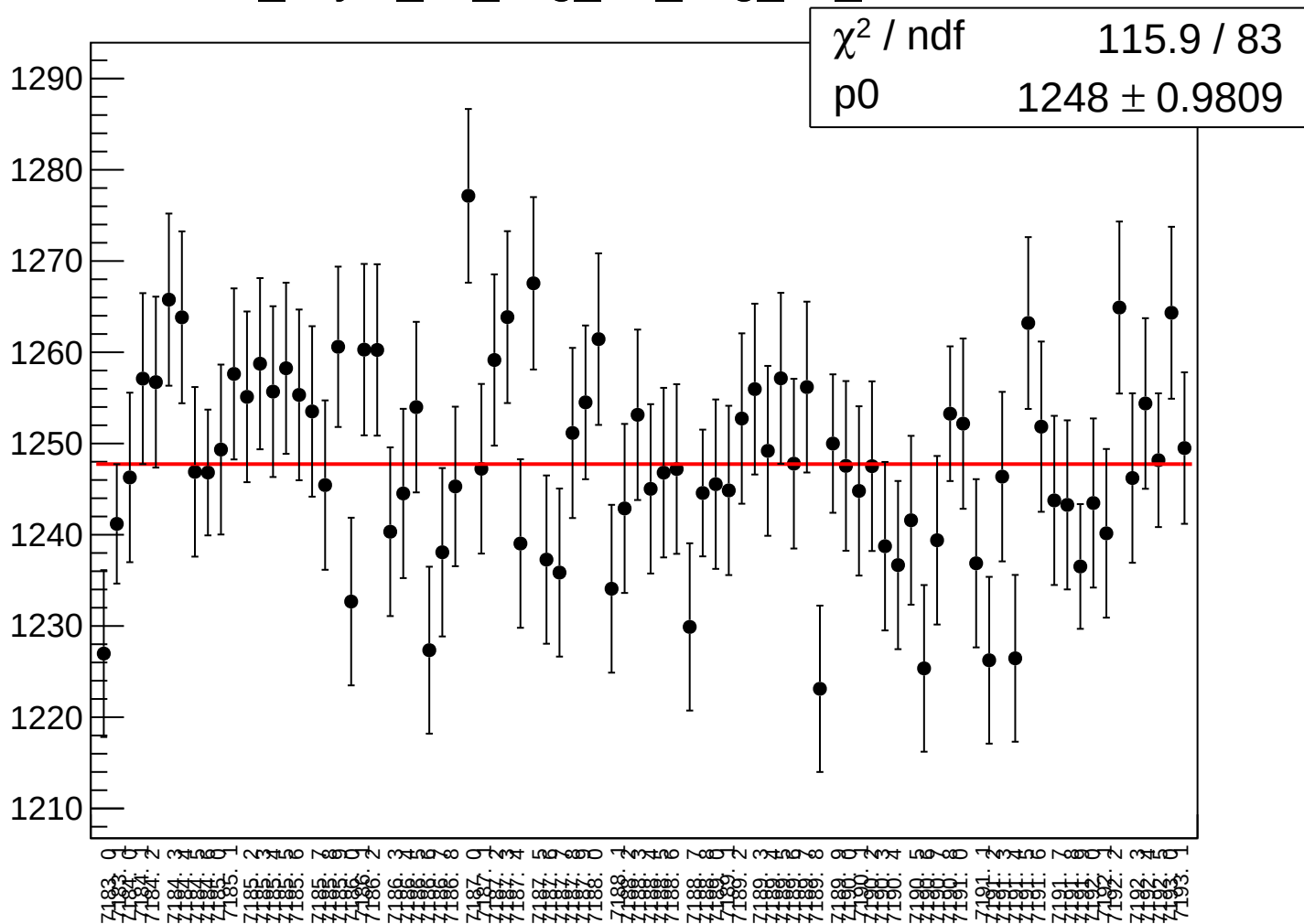
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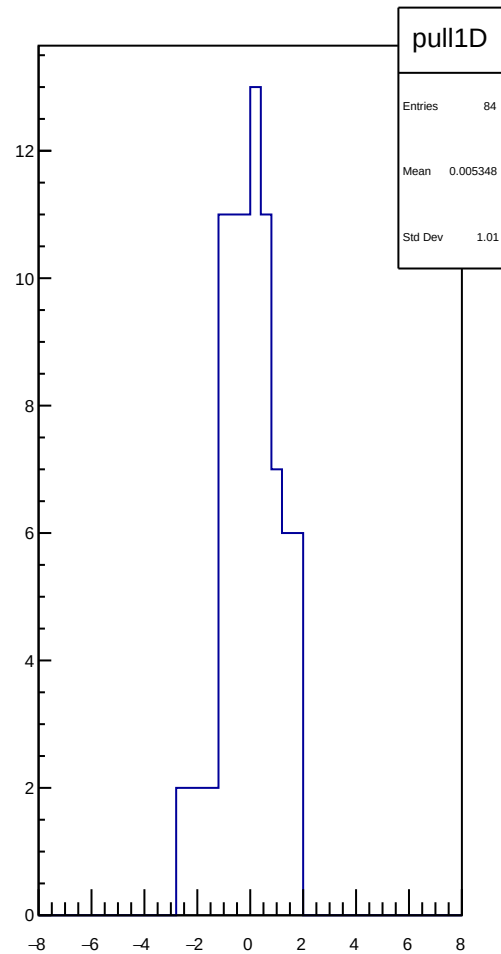
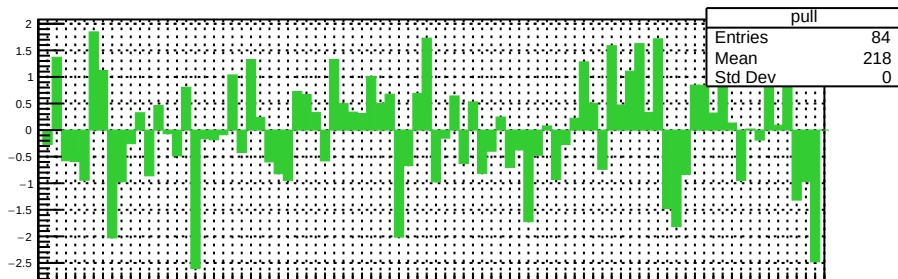
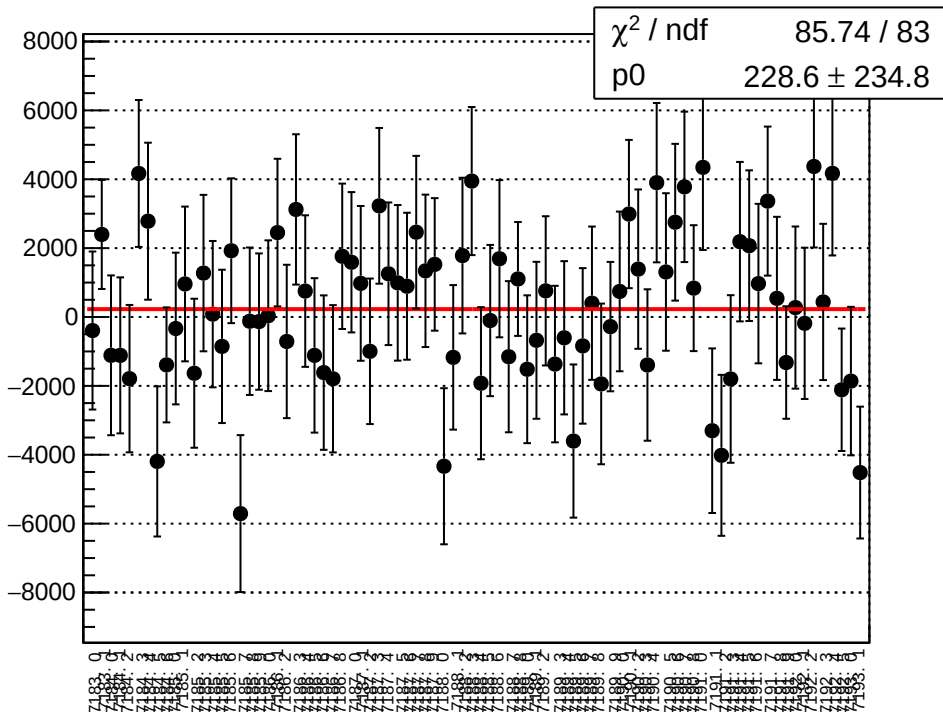
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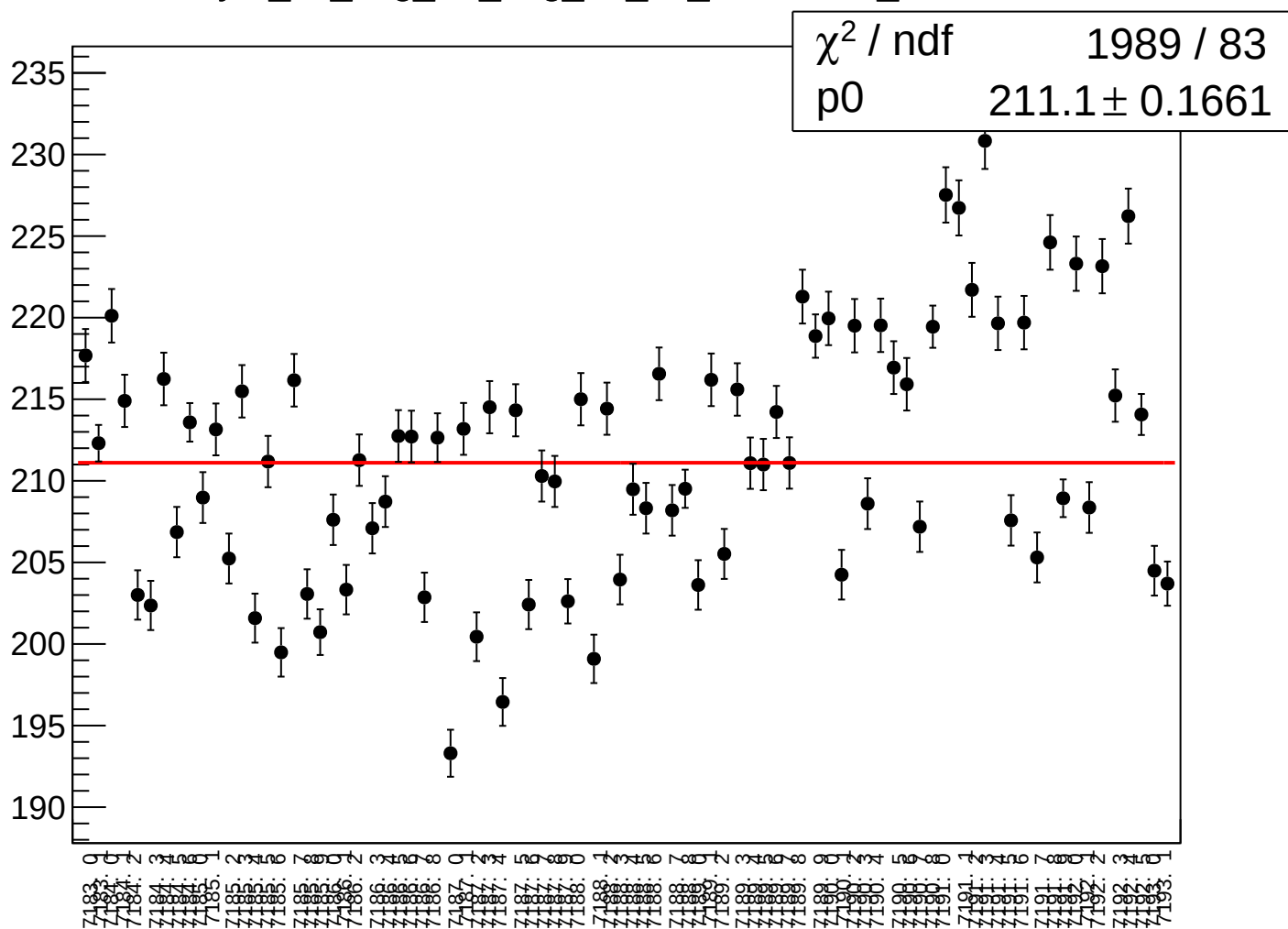
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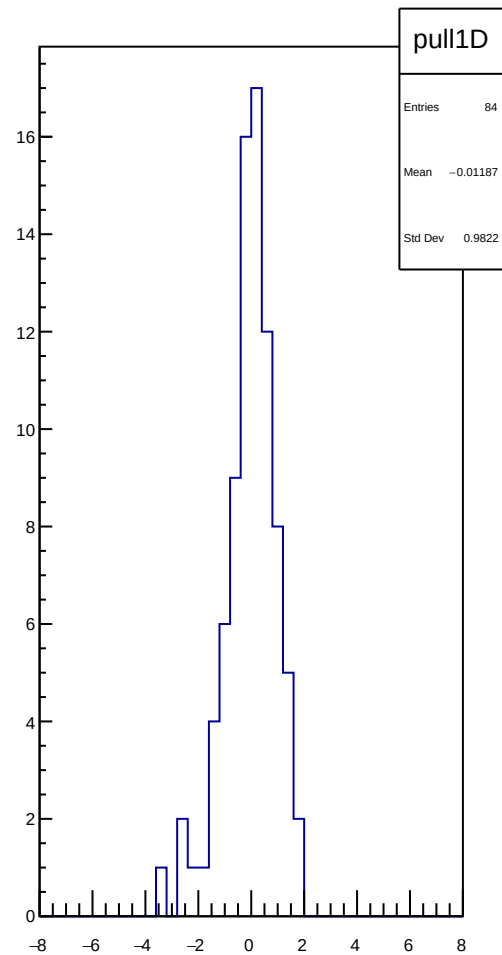
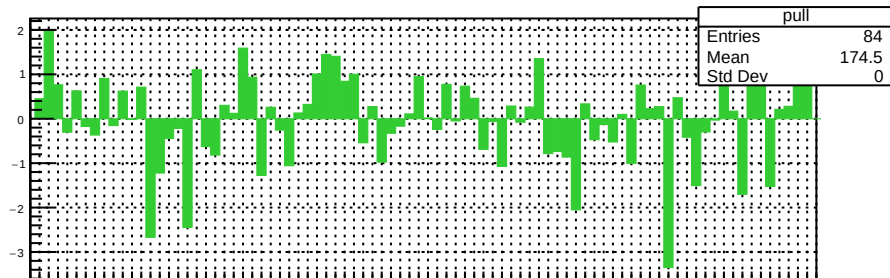
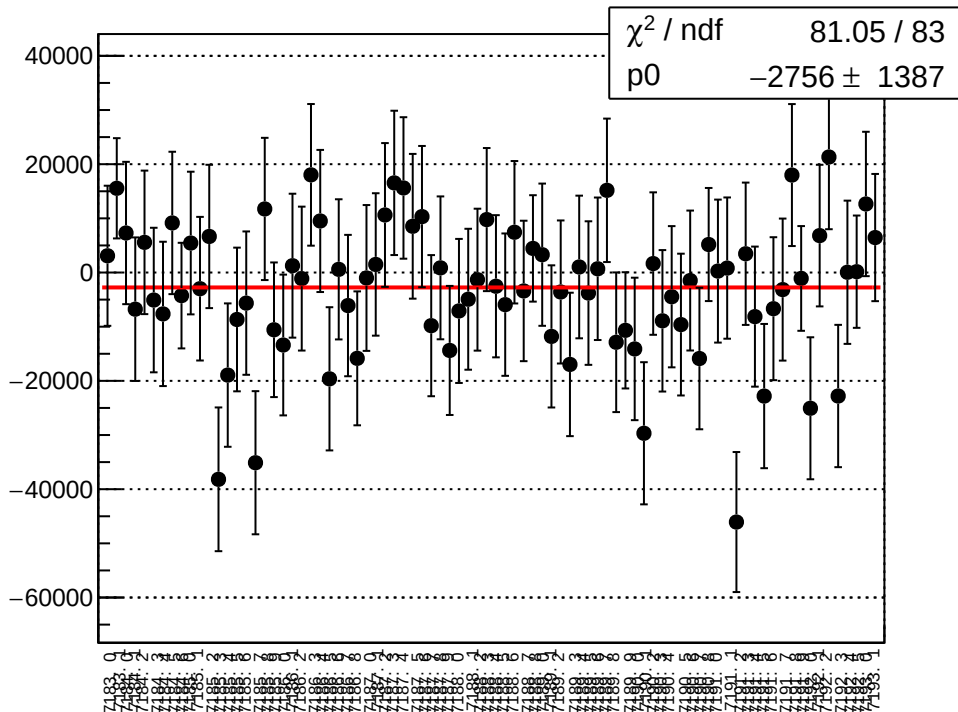
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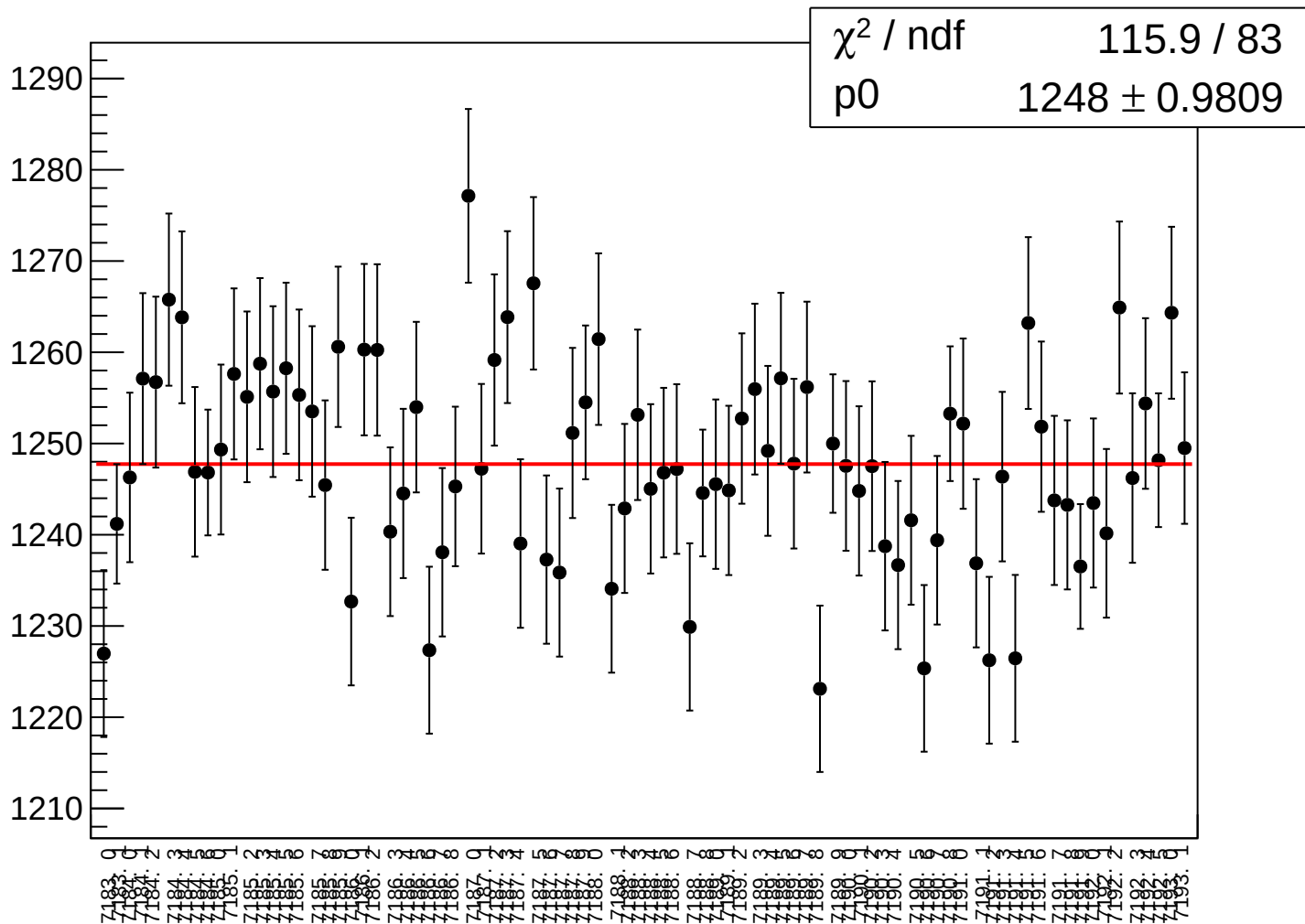
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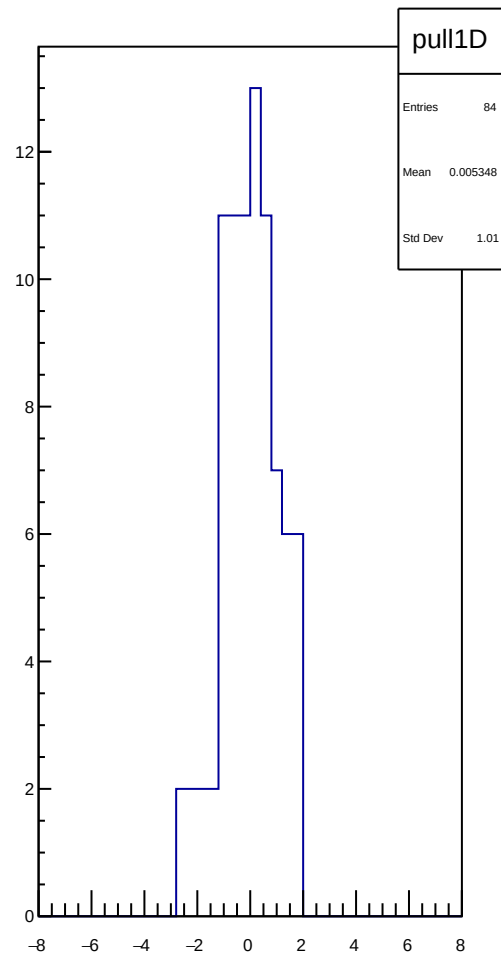
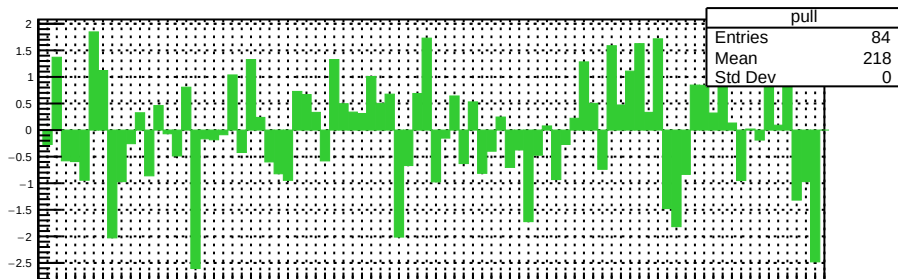
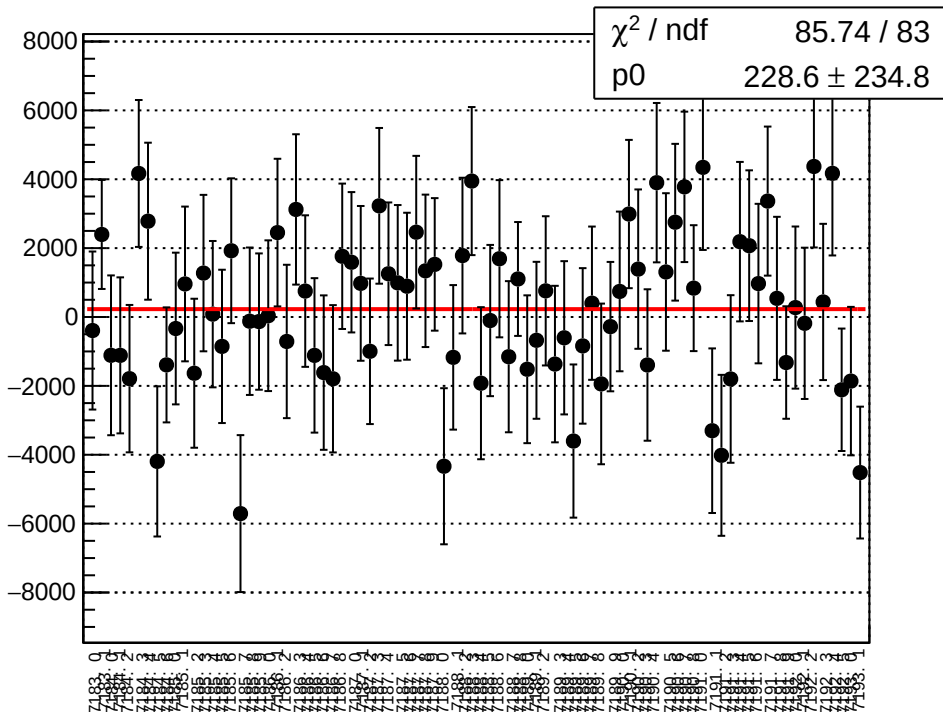
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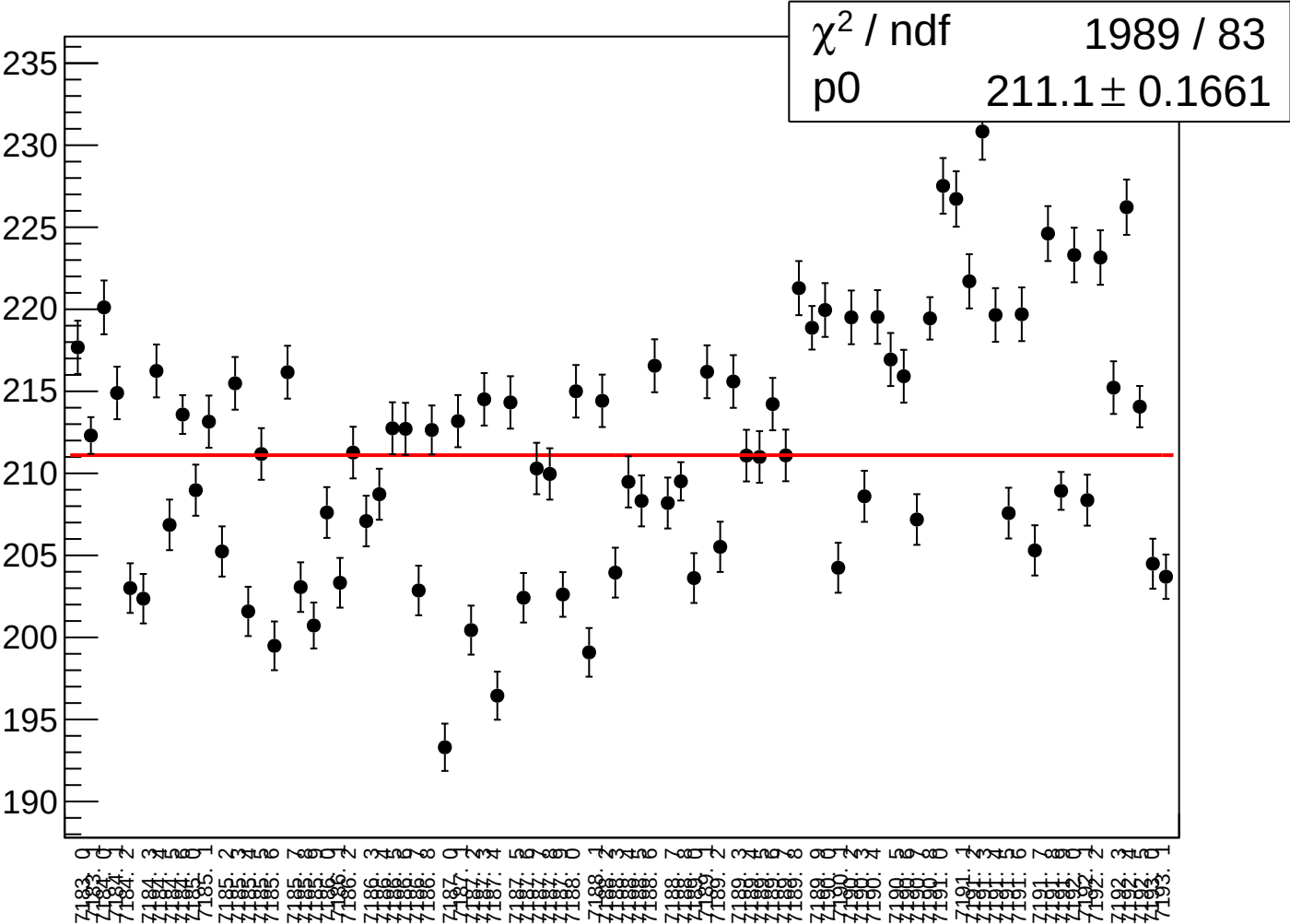
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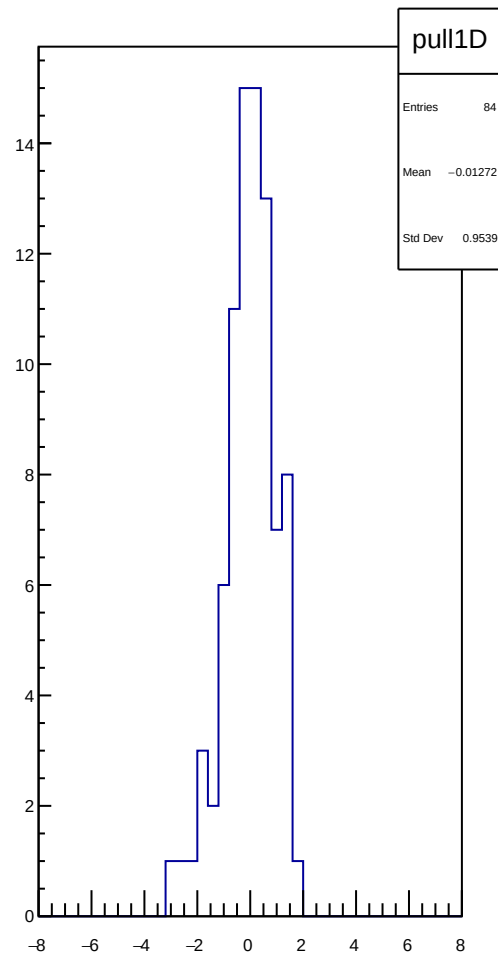
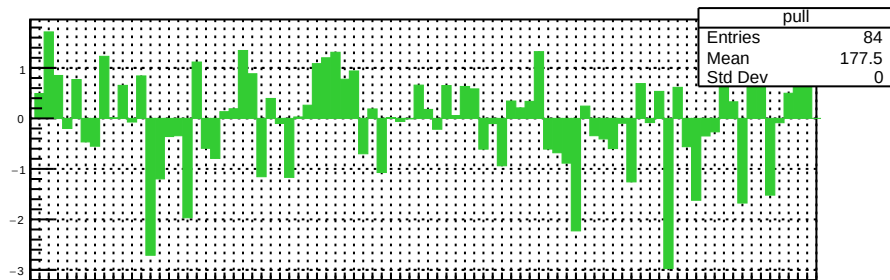
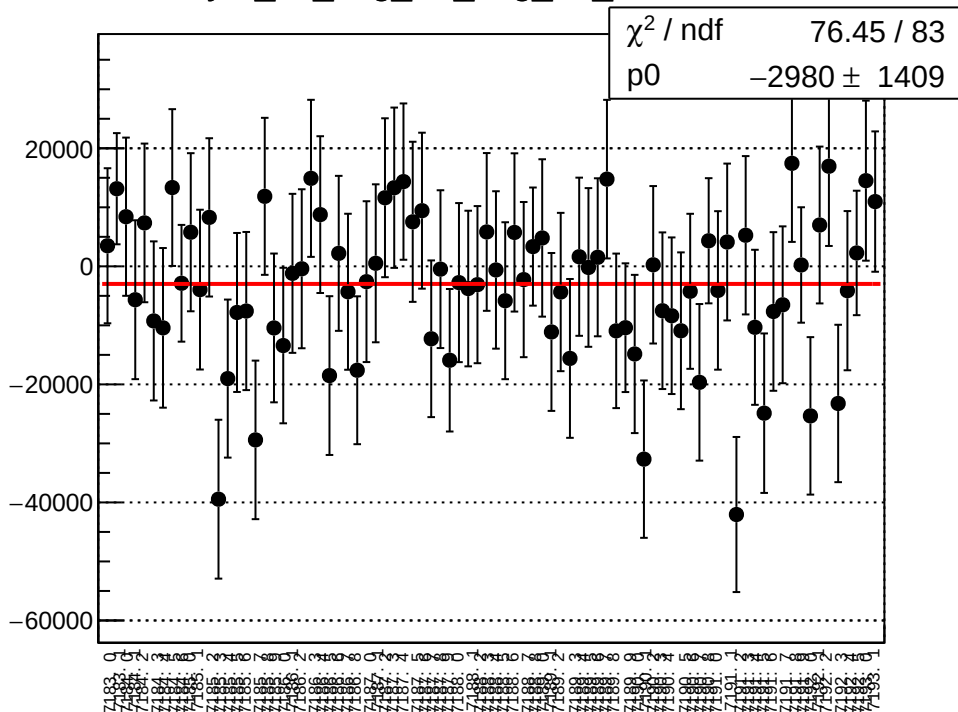
asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs run



asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs run



asym_atl_avg_atr_avg_dd_mean vs run



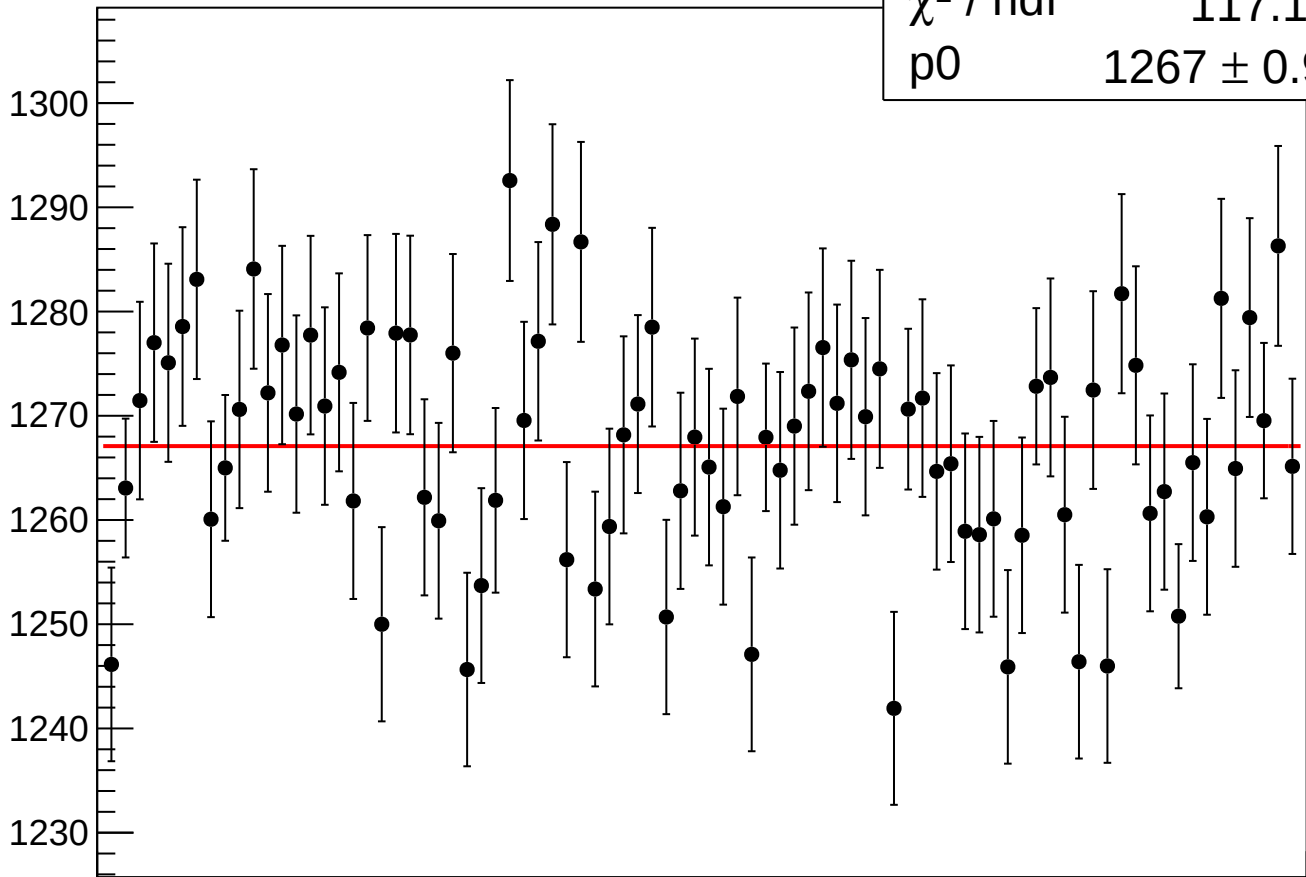
asym_atl_avg_atr_avg_dd_rms vs run

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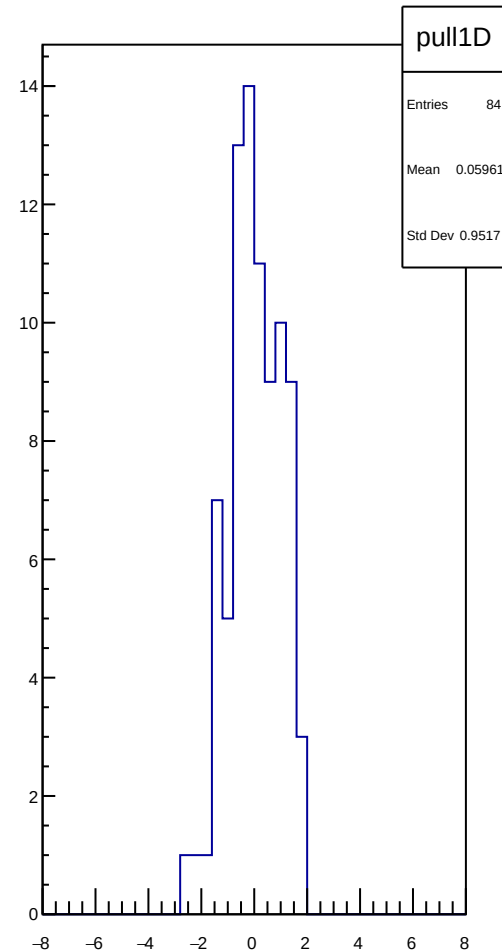
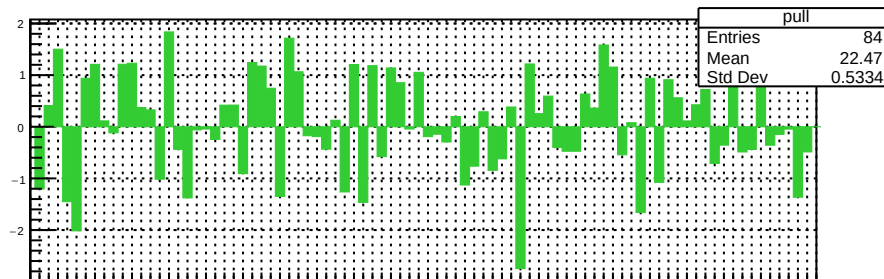
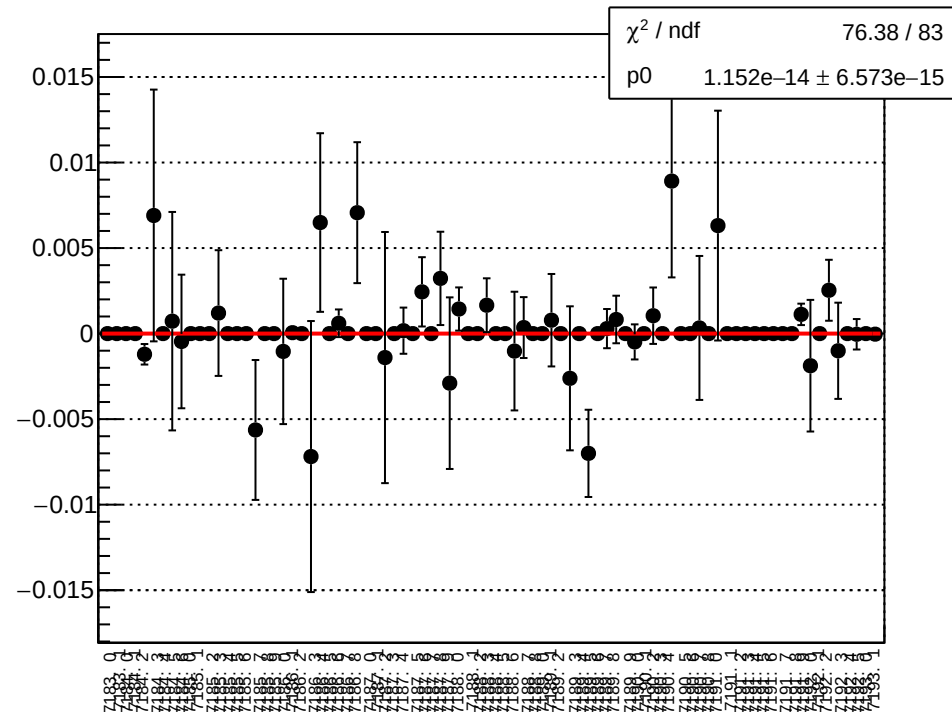
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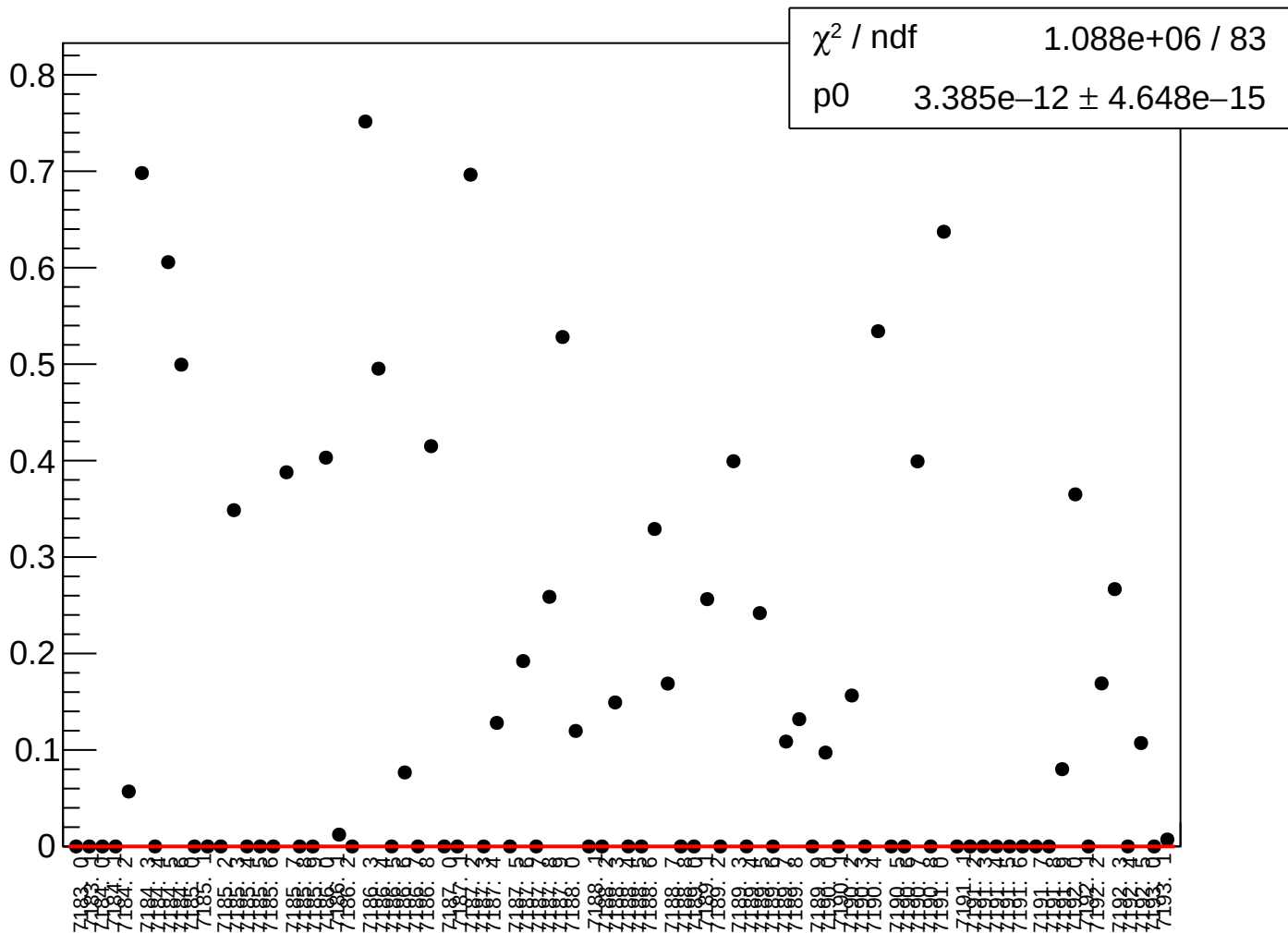
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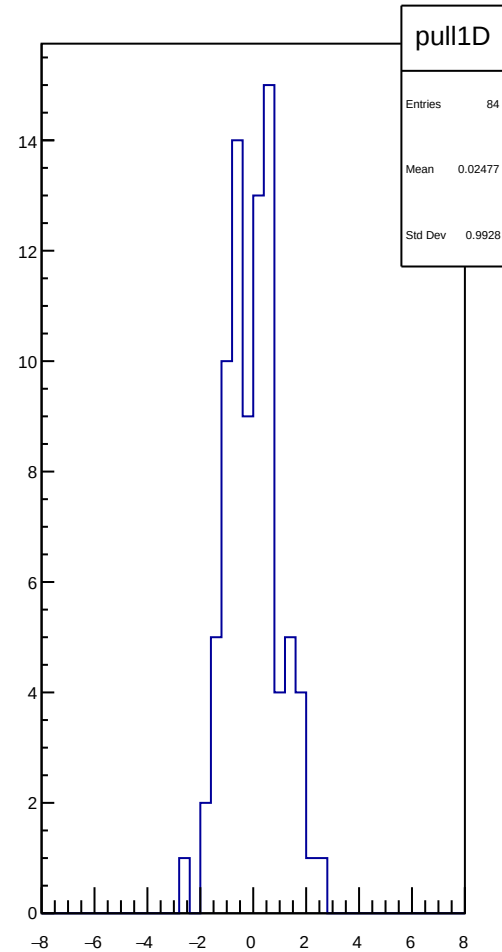
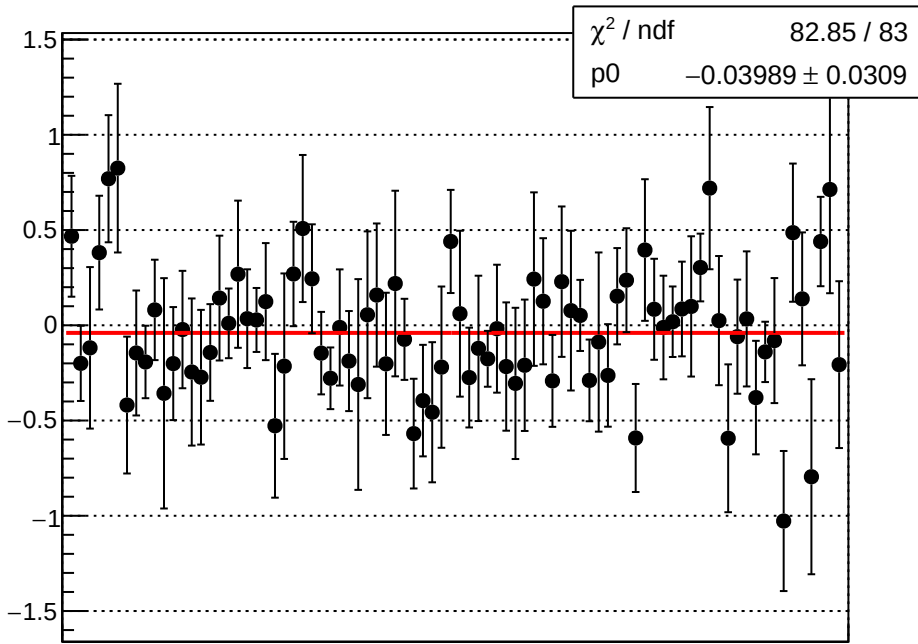
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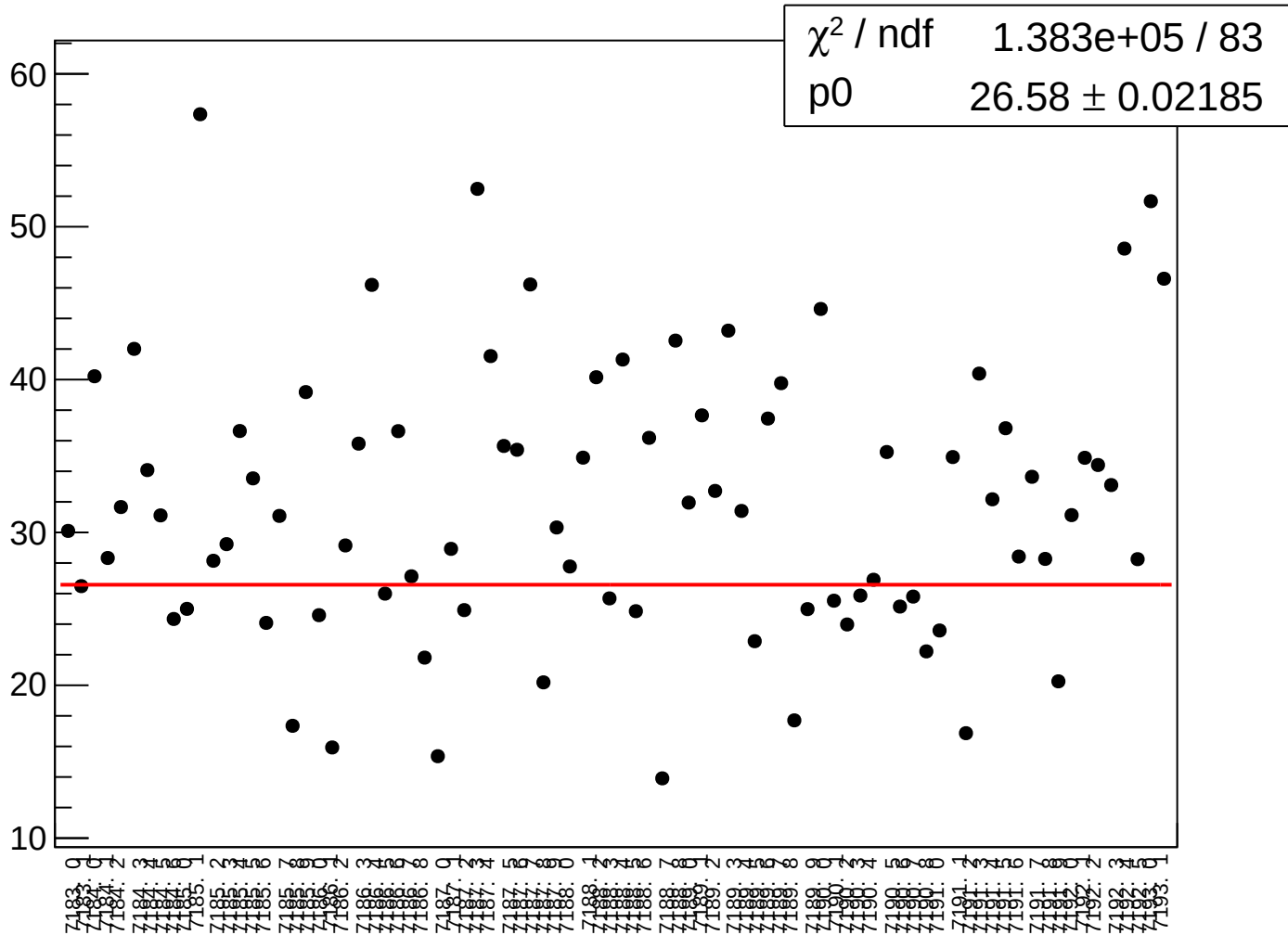
asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs run



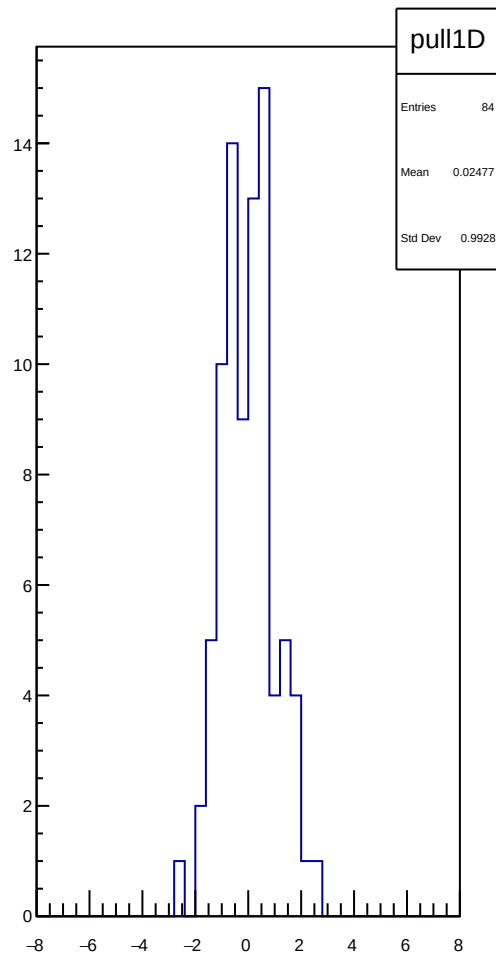
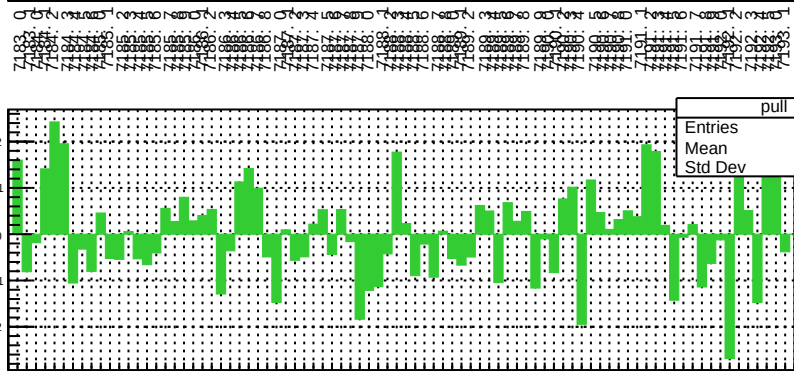
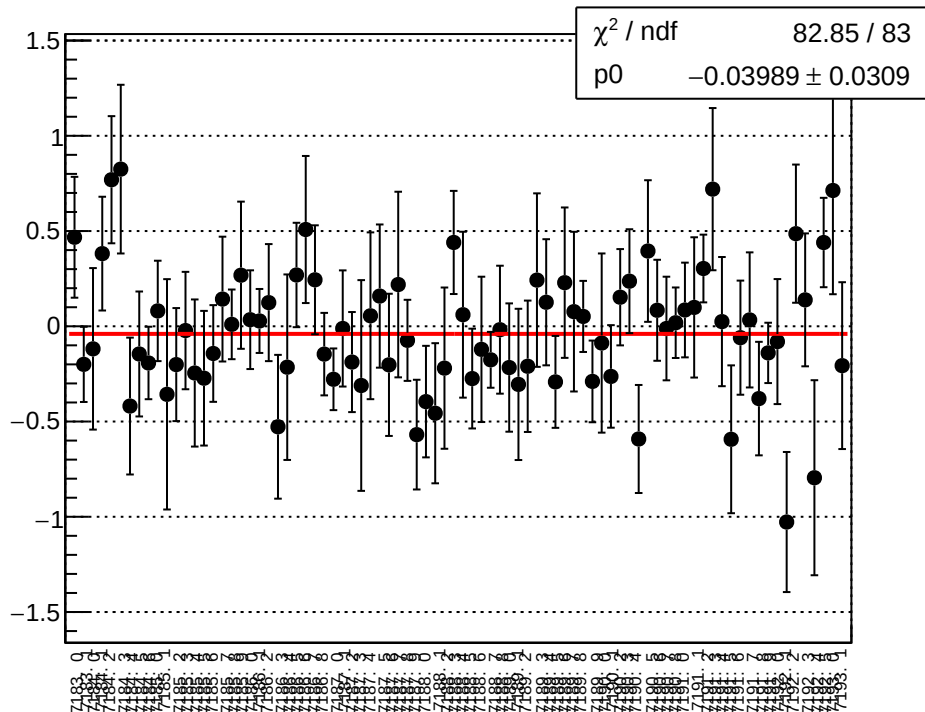
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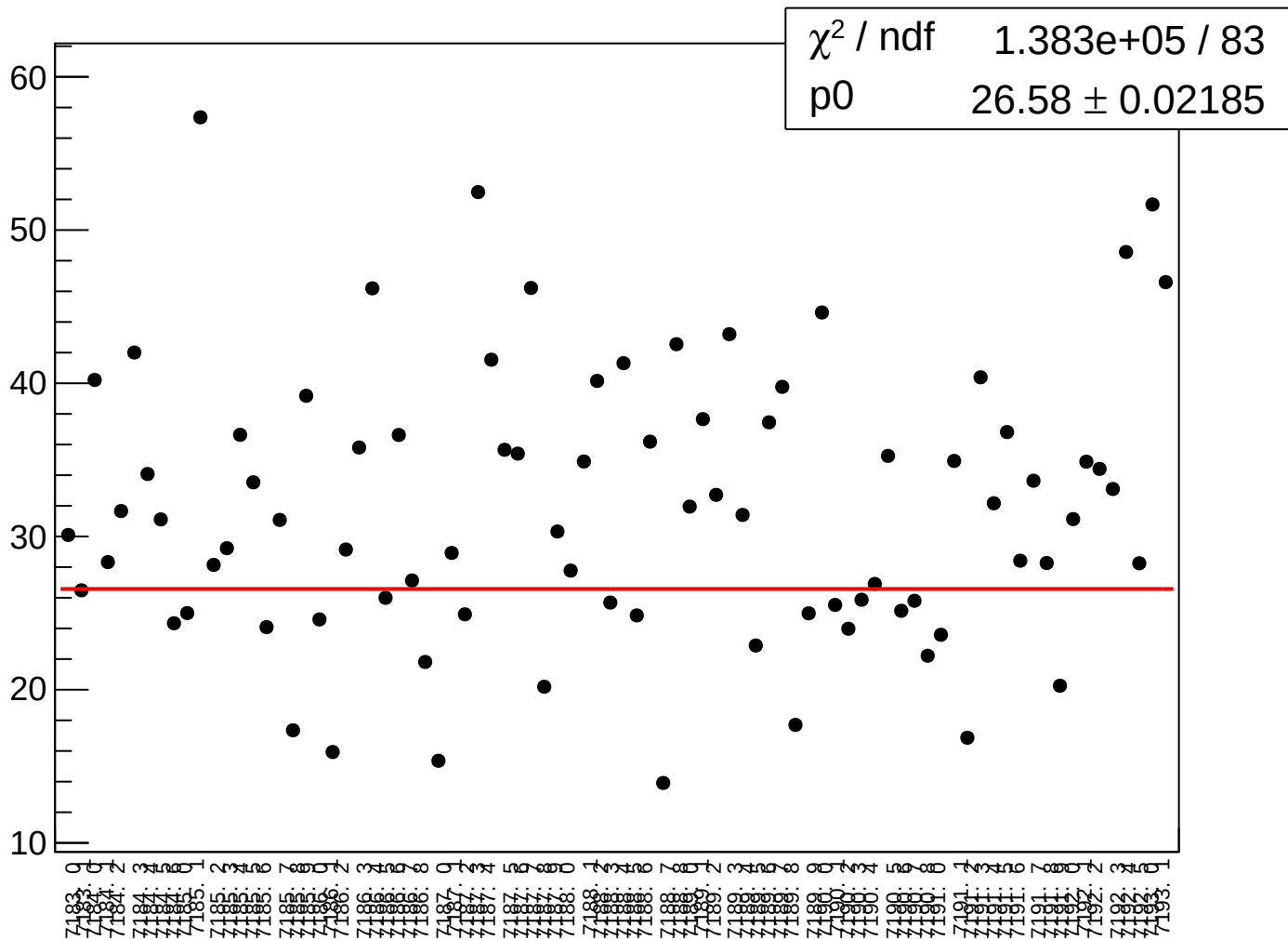
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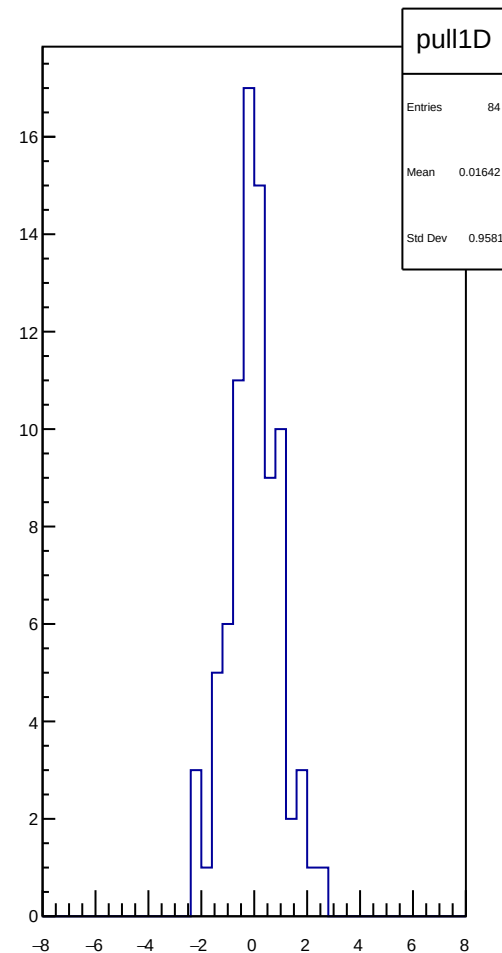
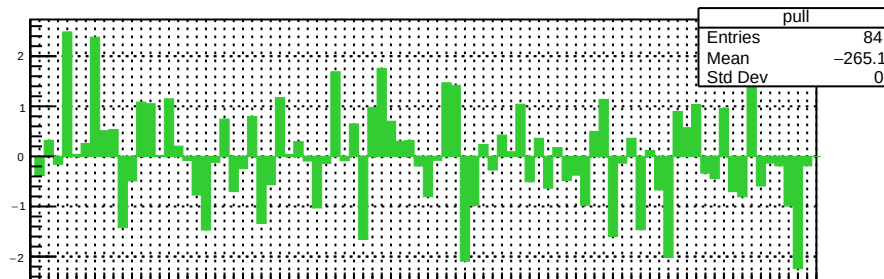
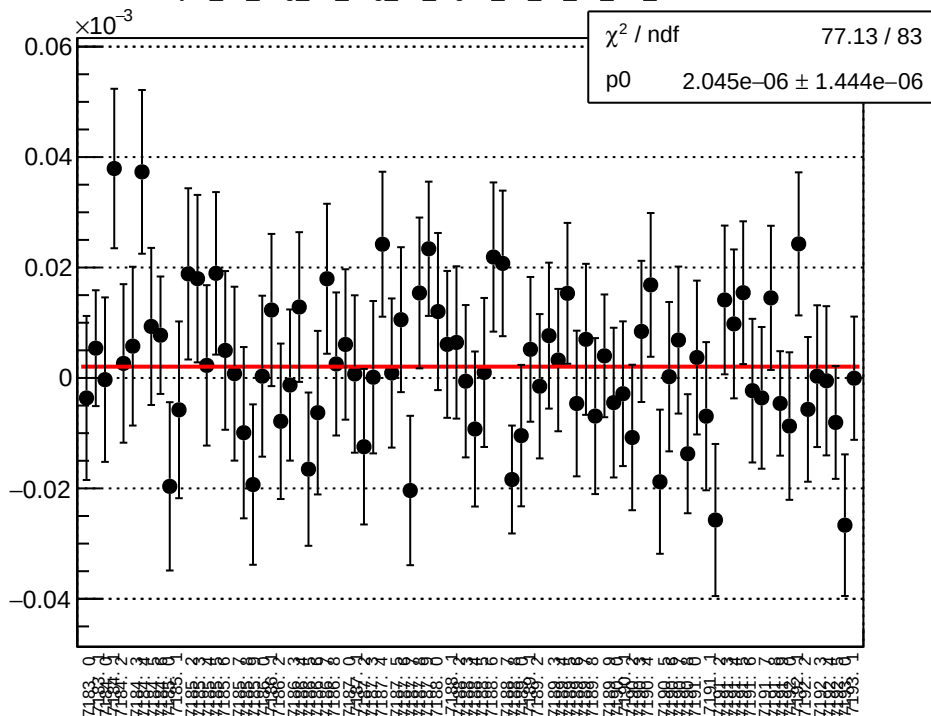
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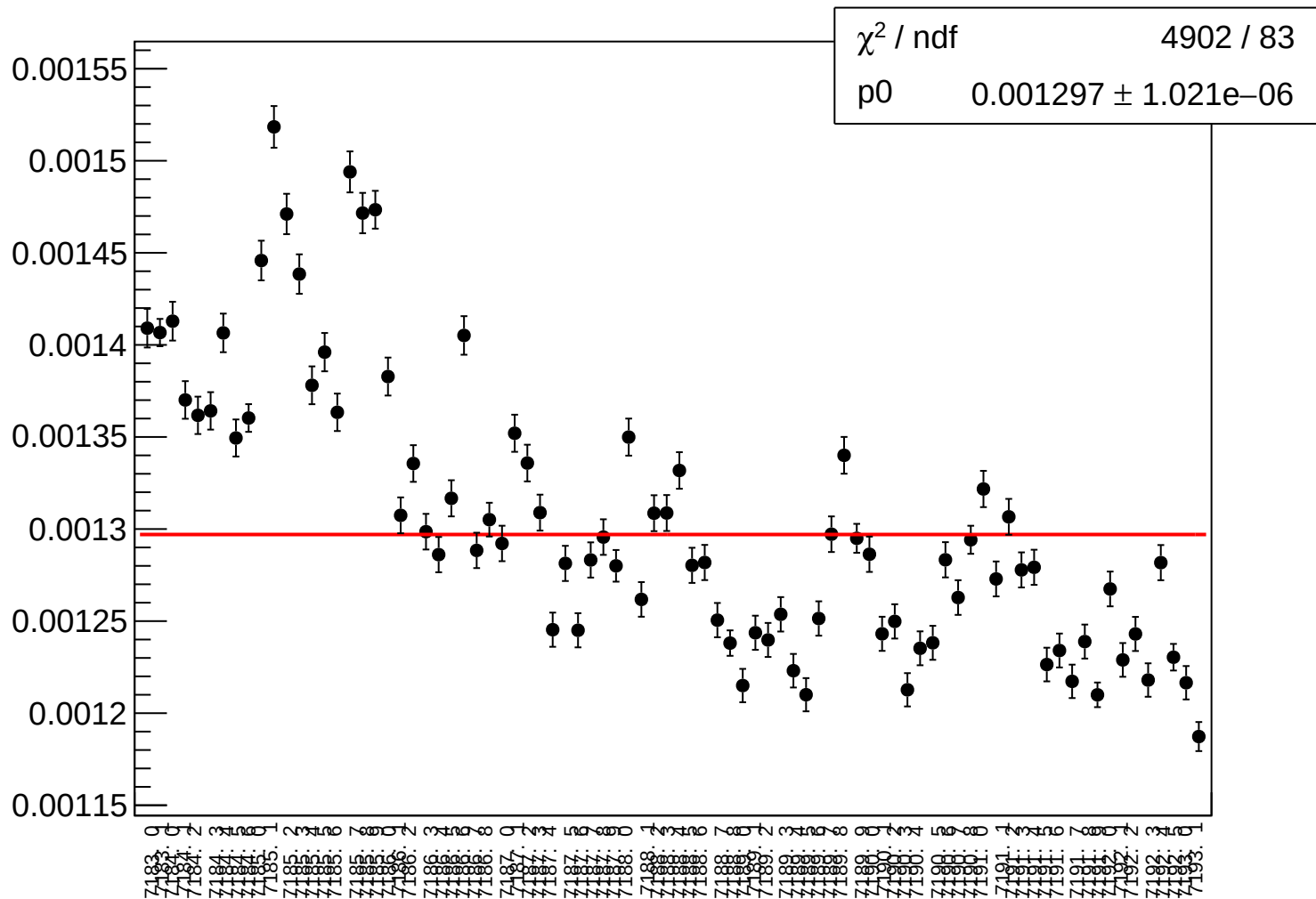
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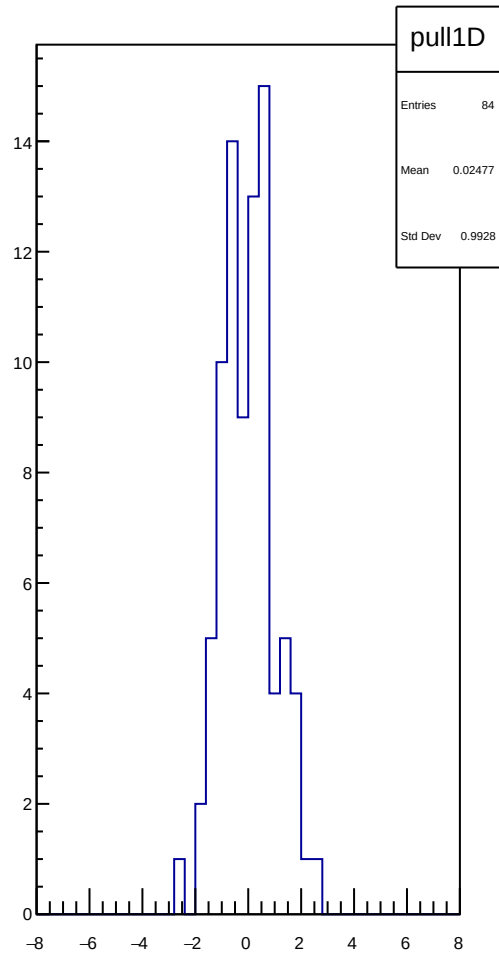
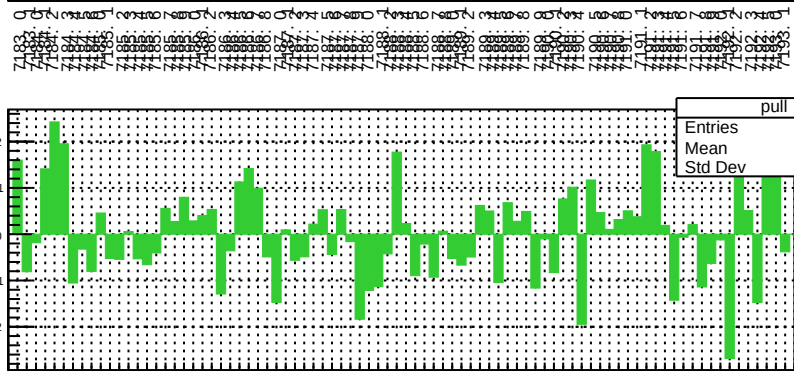
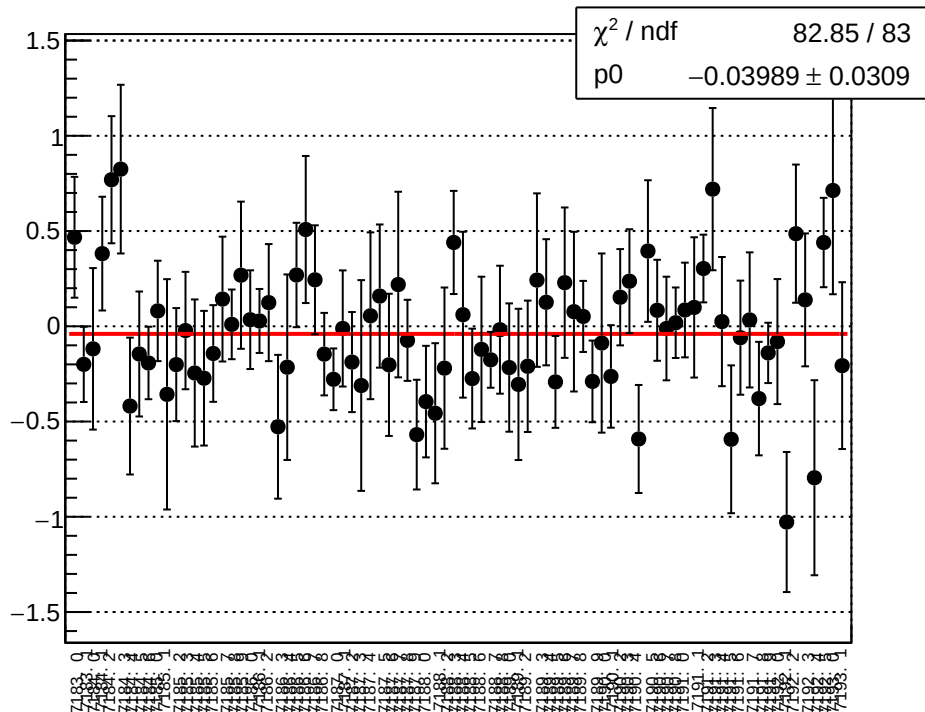
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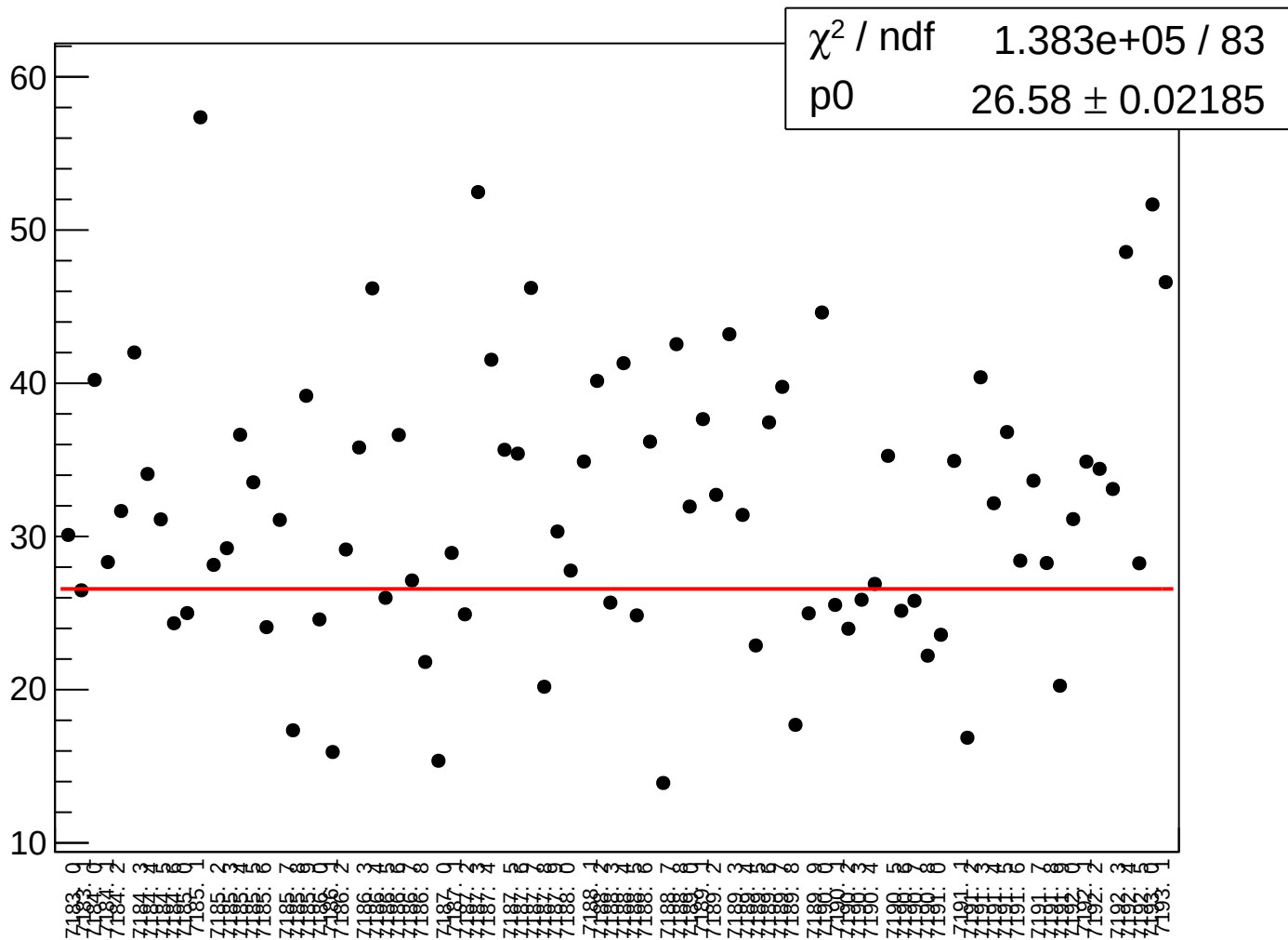
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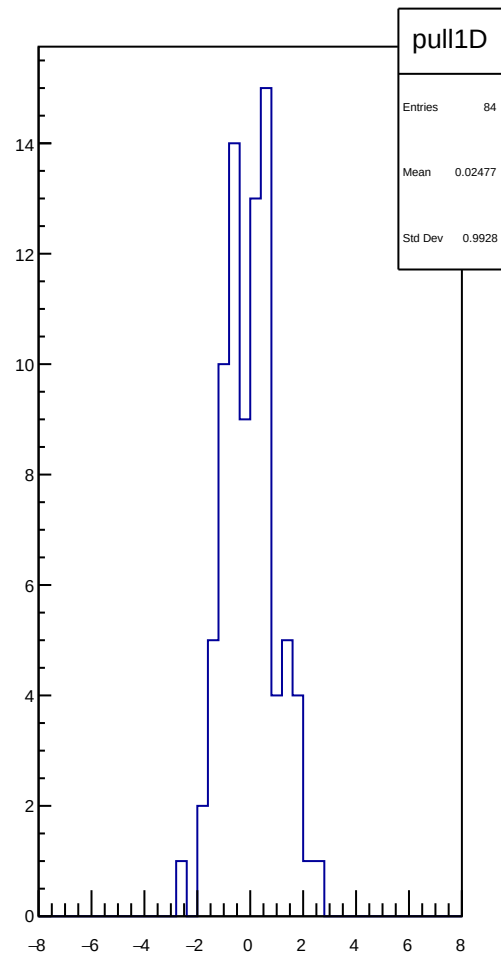
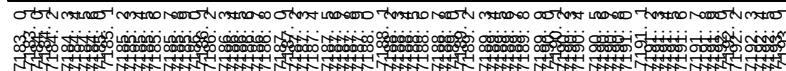
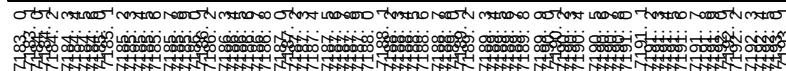


asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs run

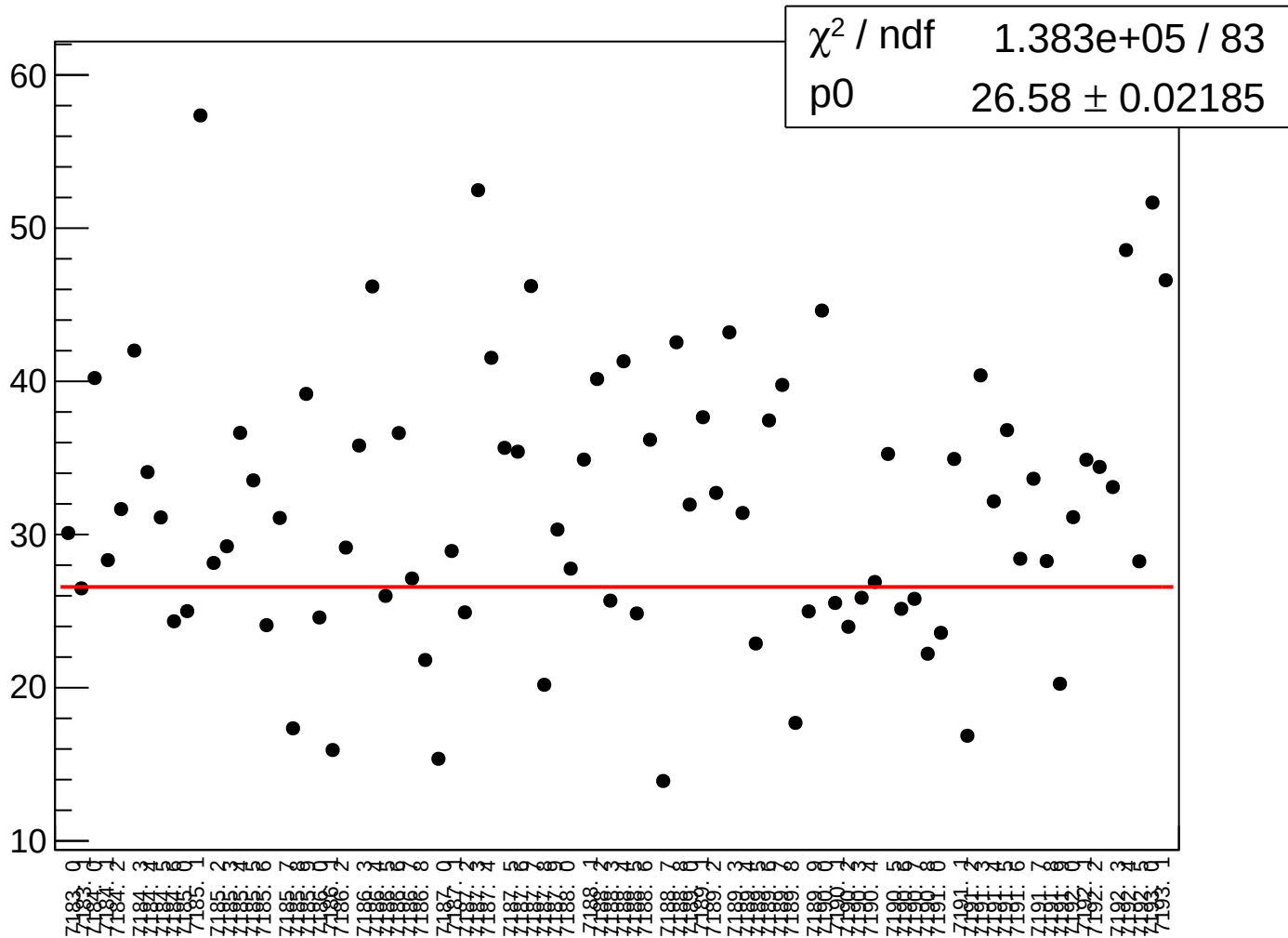


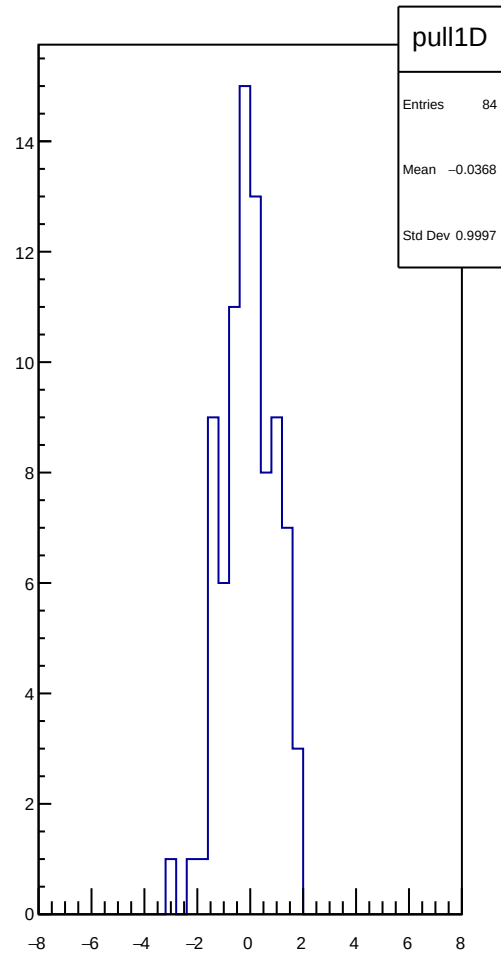
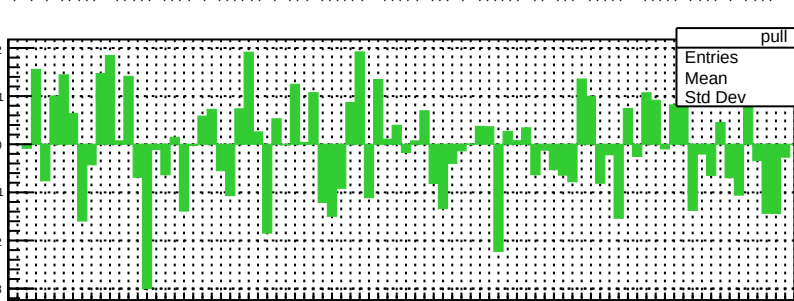
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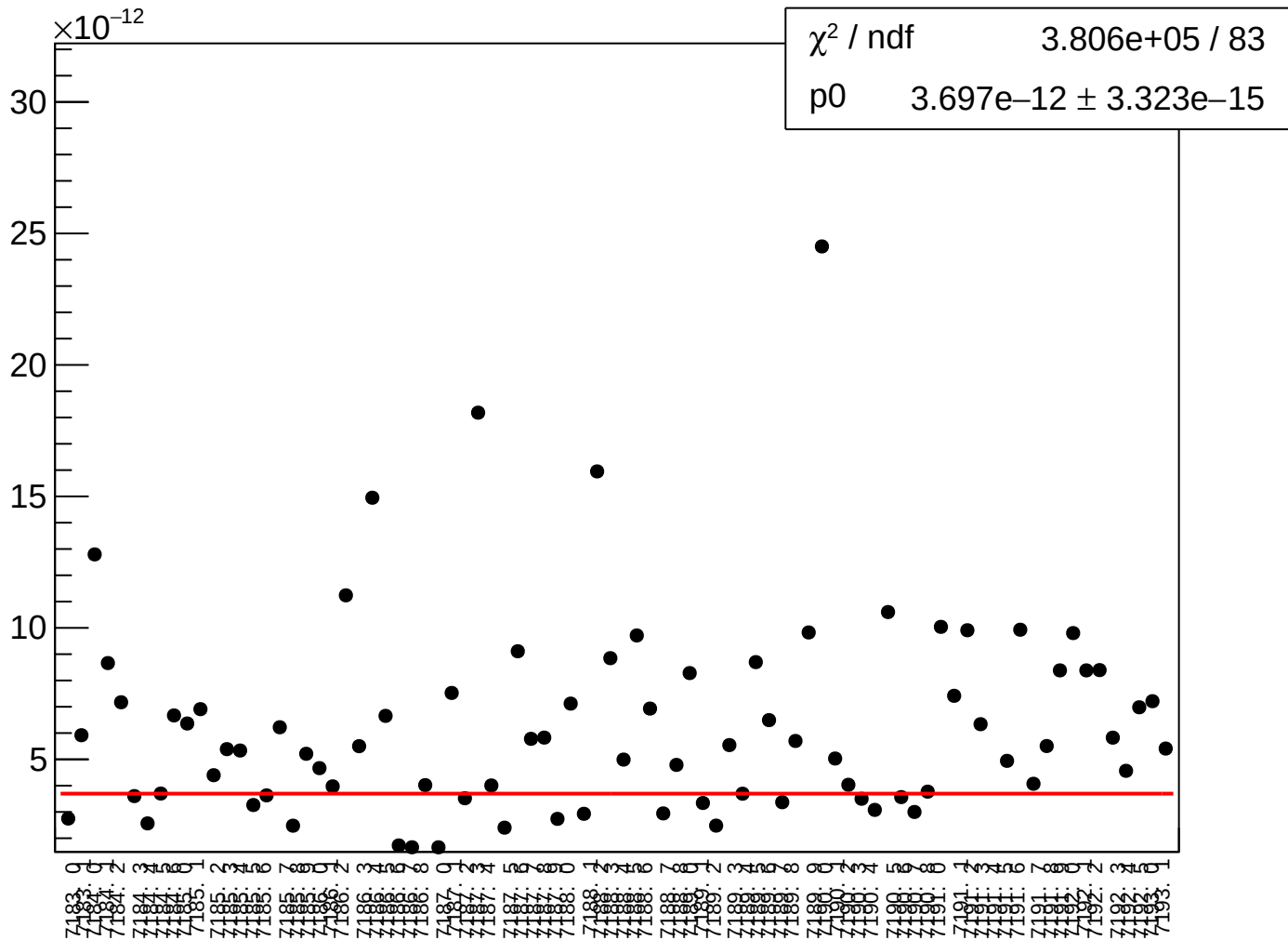
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asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs run

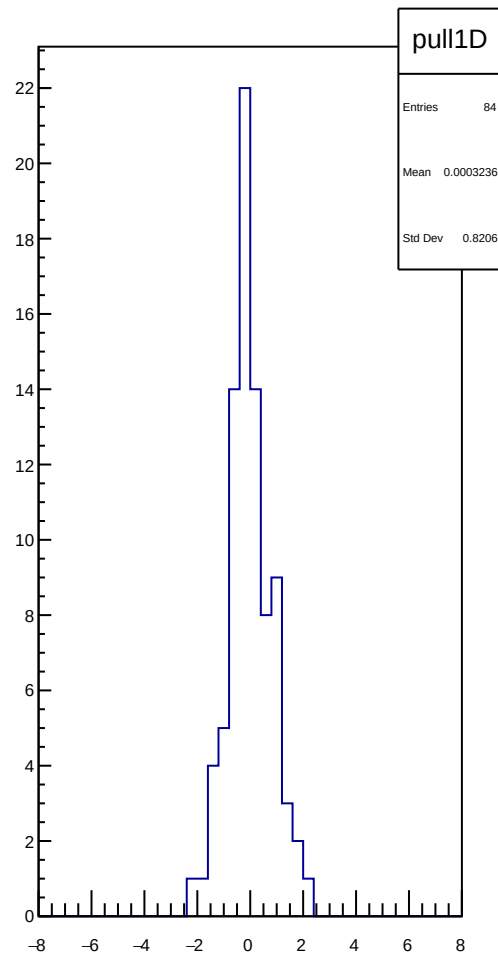
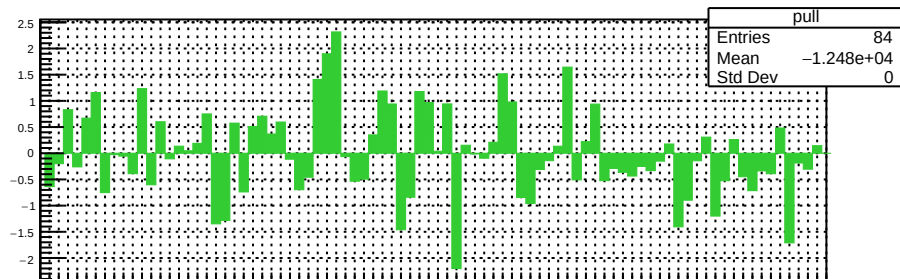
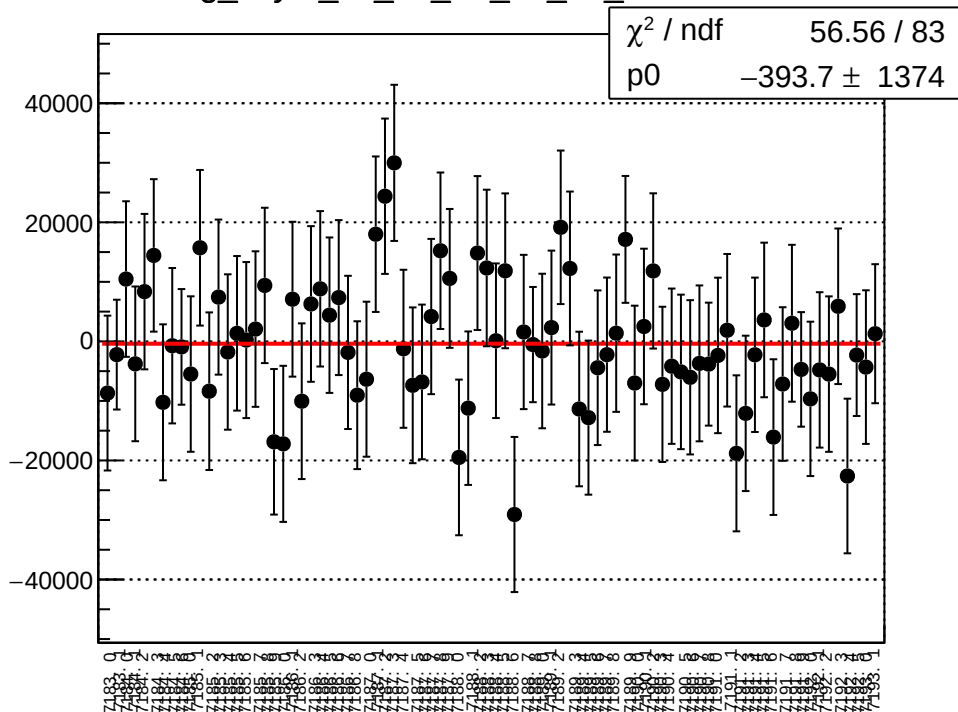




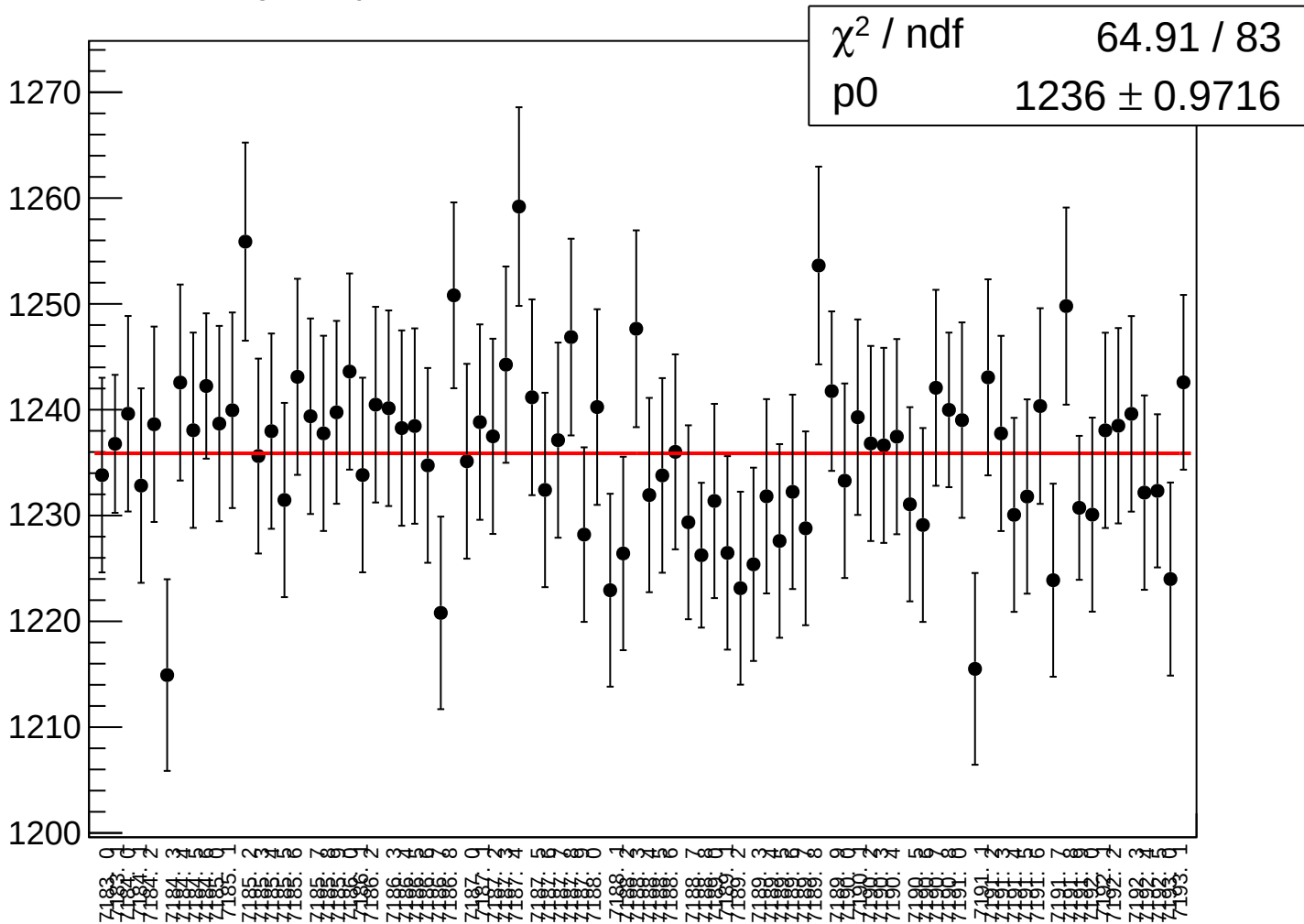
asym atl avg atr avg dd eigen cor vs cor diff rms vs run



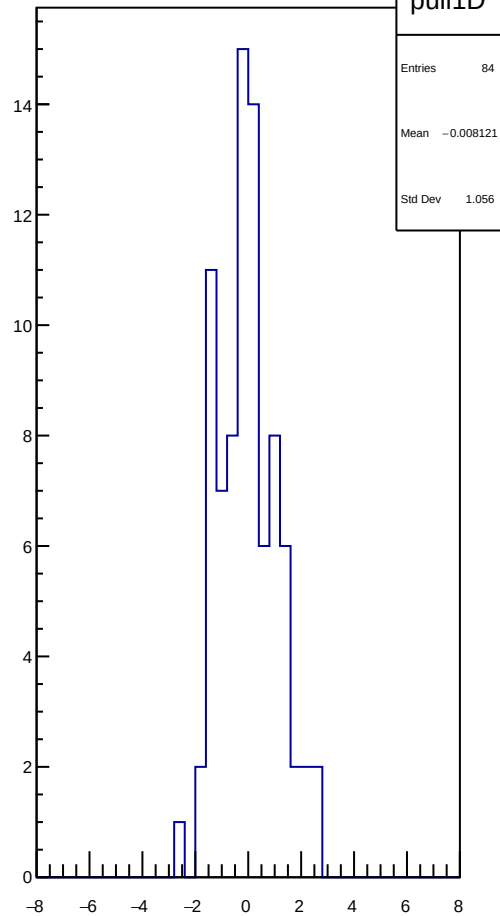
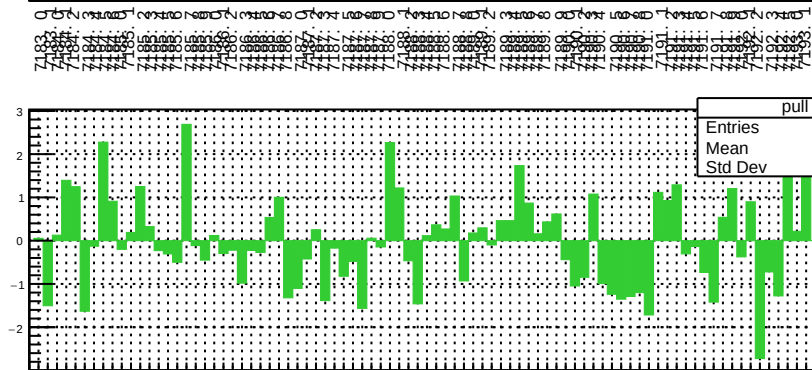
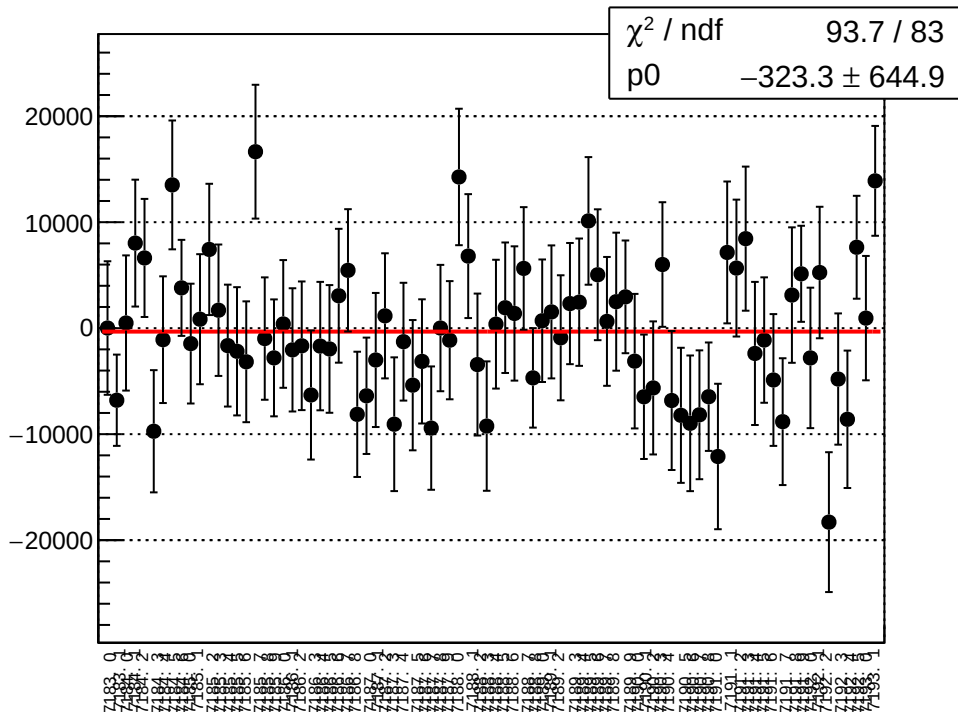
reg_asym_atl_dd_atr_dd_dd_mean vs run



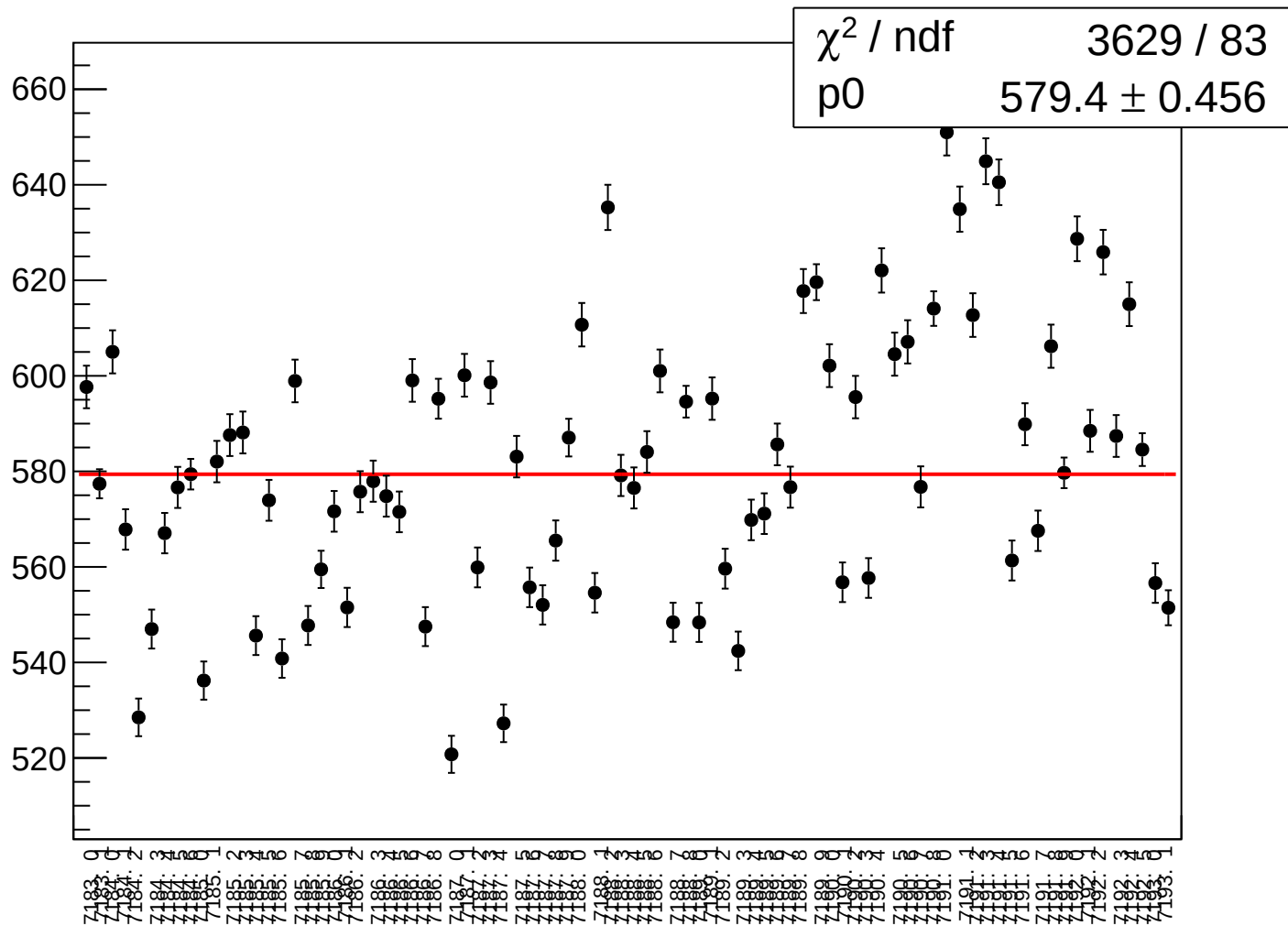
reg_asym_atl_dd_atr_dd_dd_rms vs run



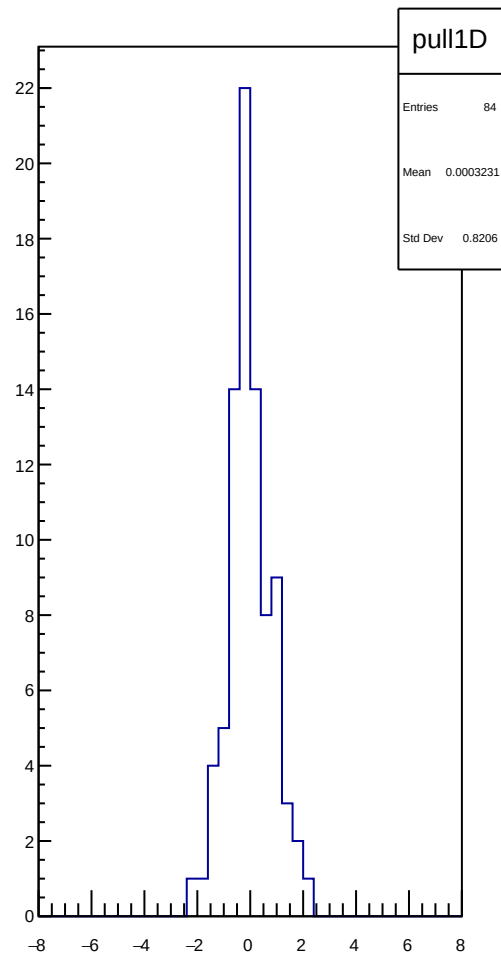
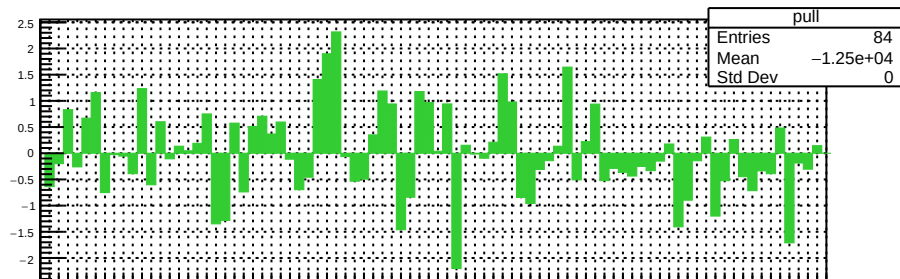
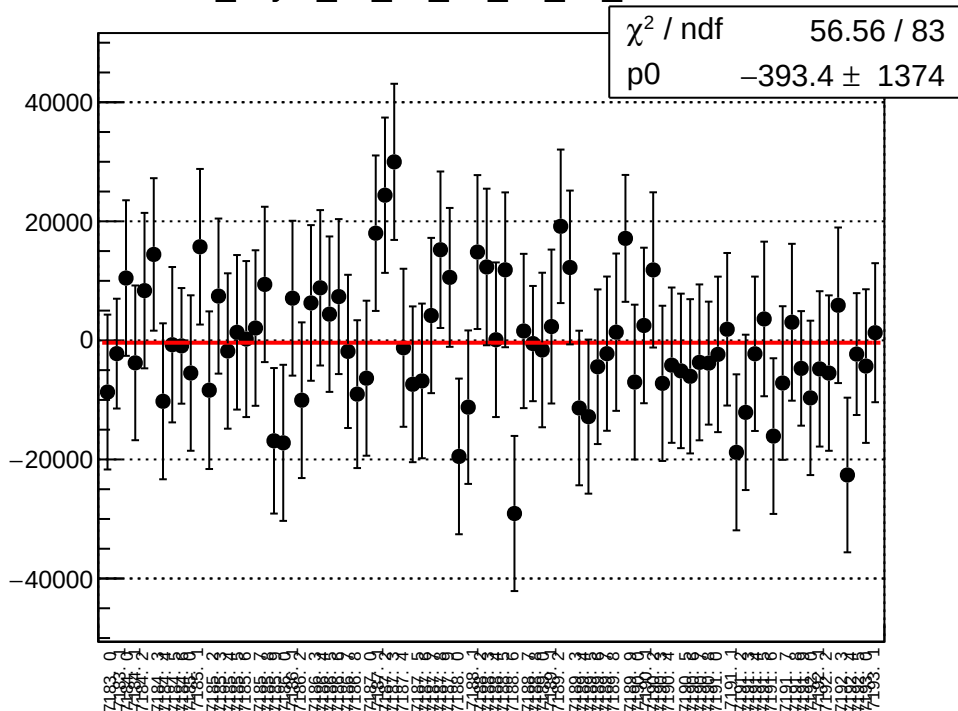
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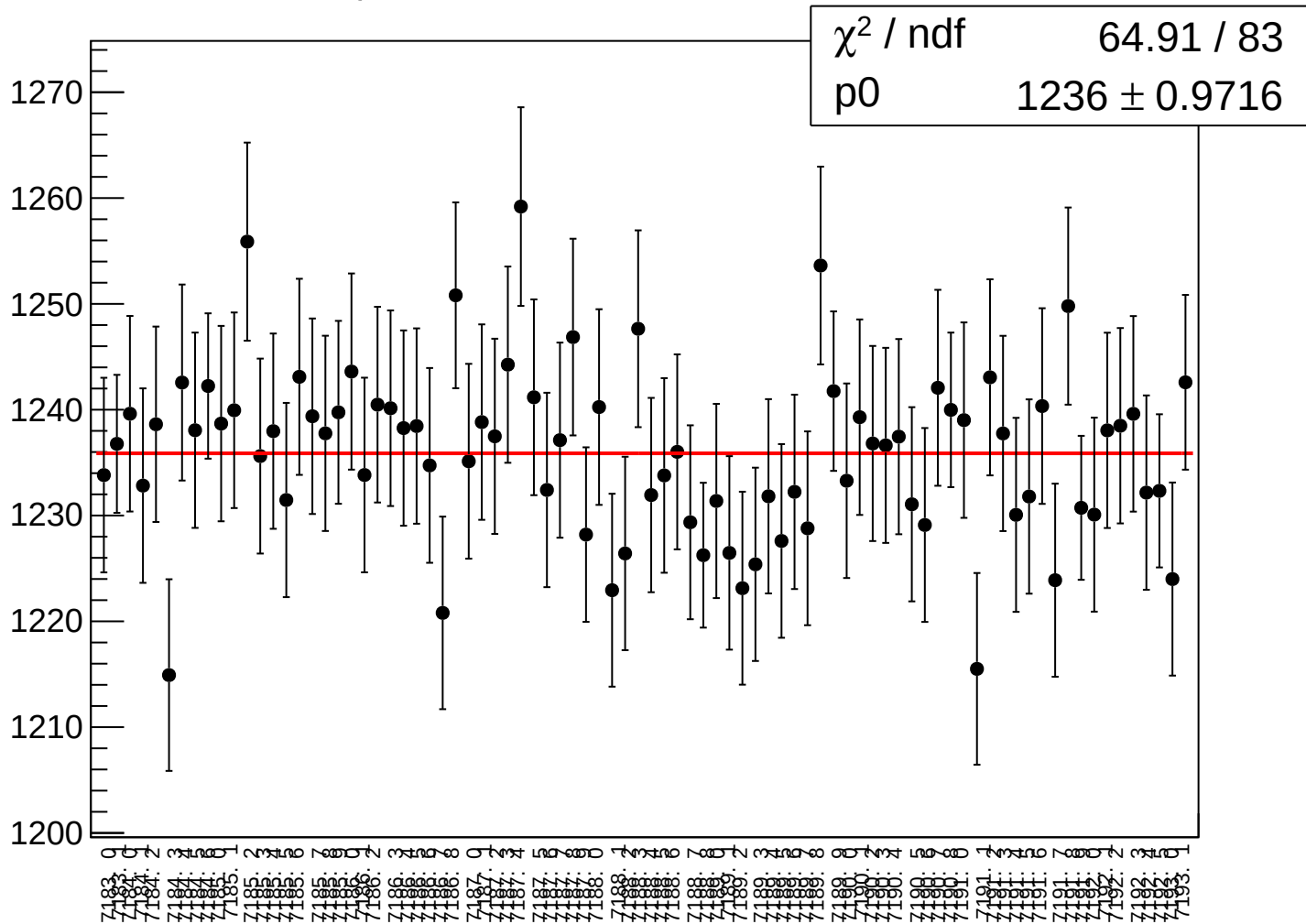
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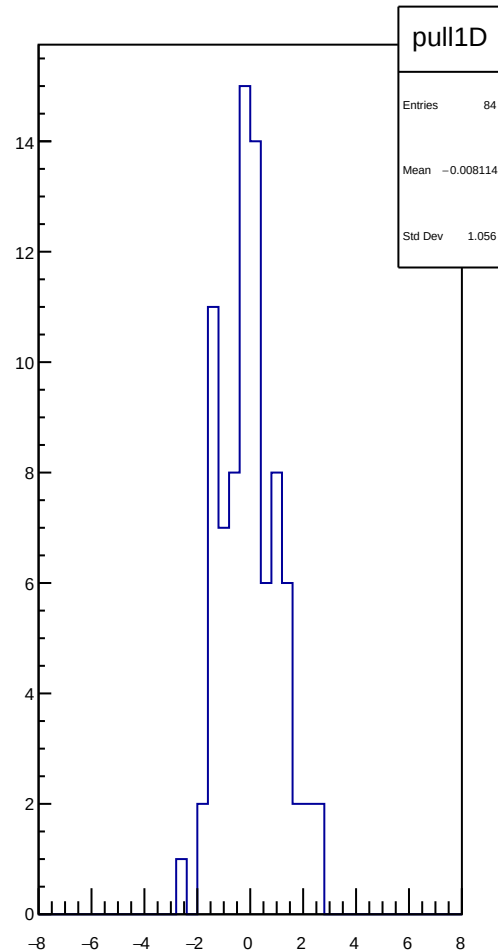
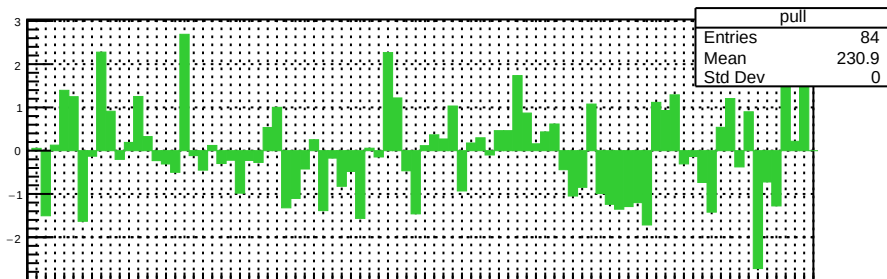
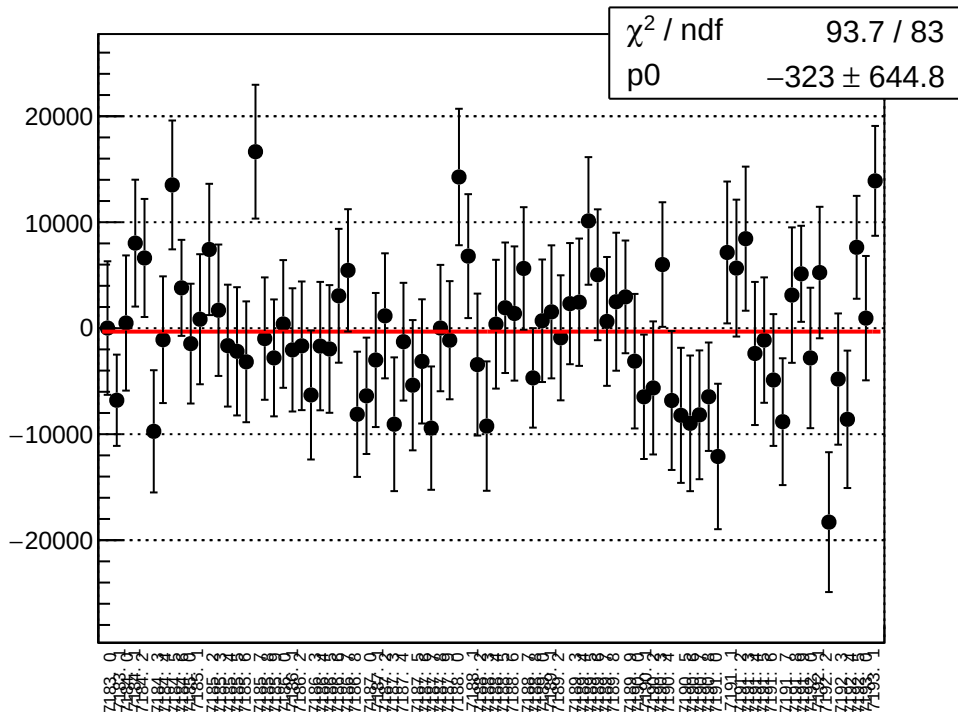
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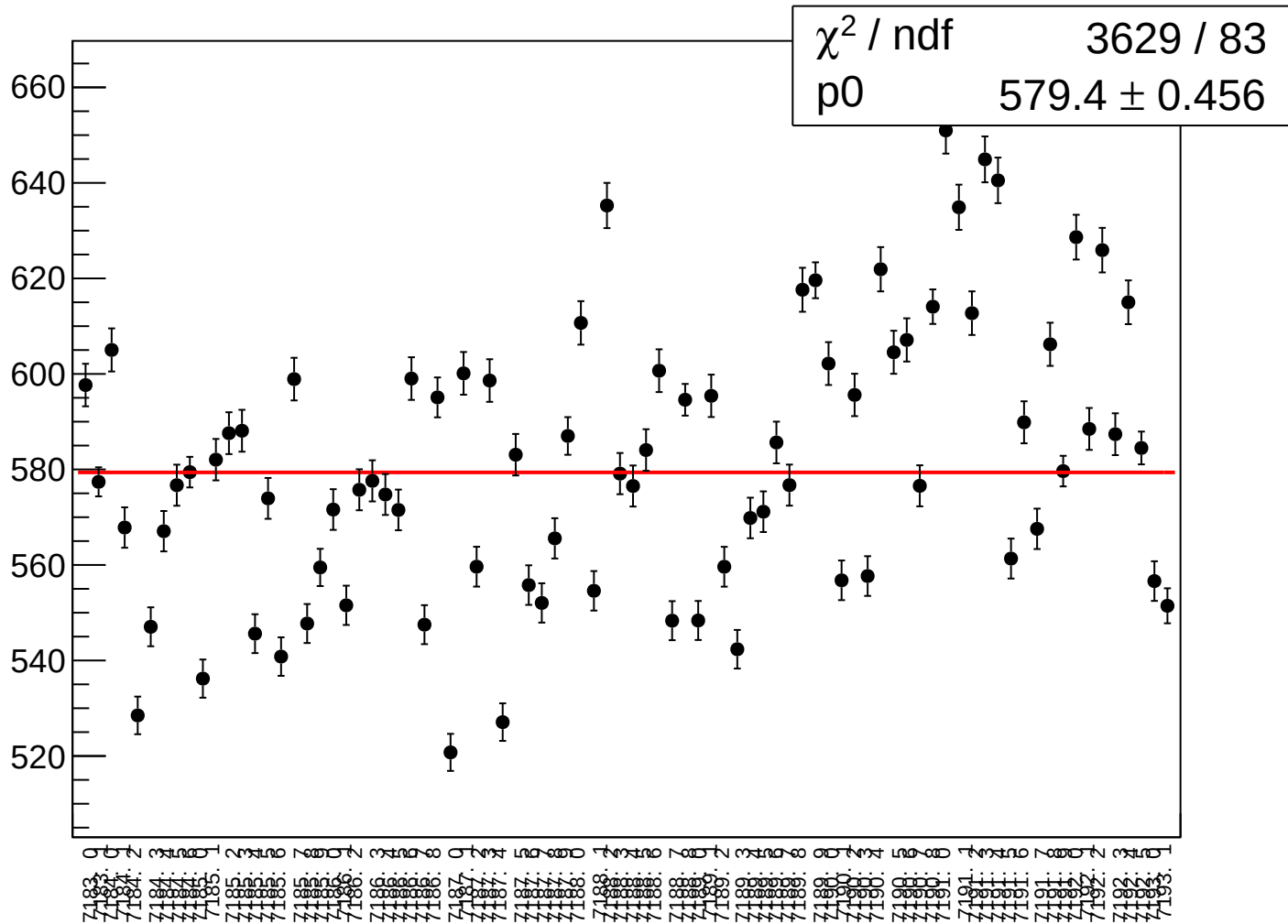
cor_asym_atl_dd_atr_dd_dd_rms vs run



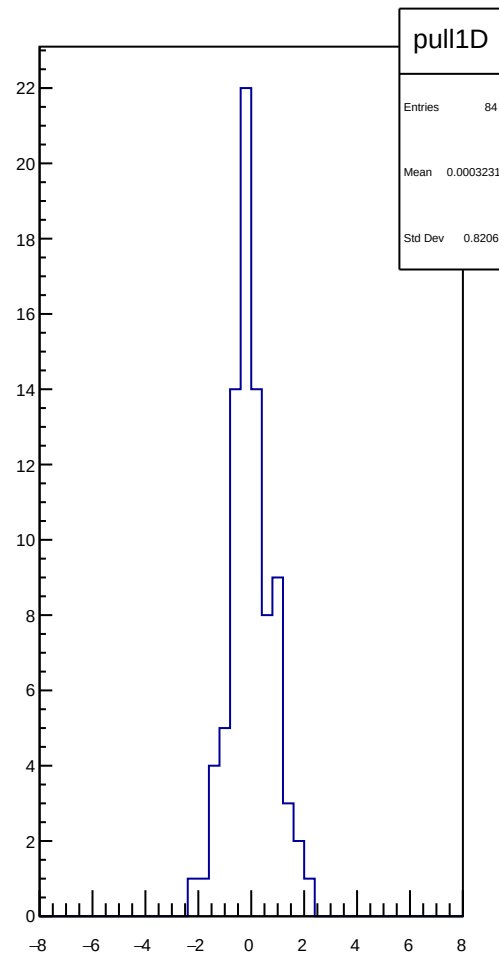
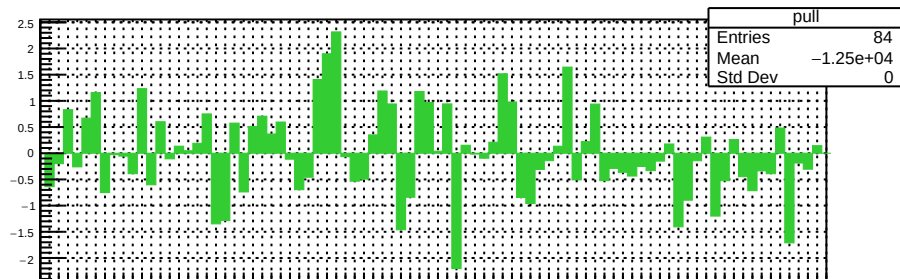
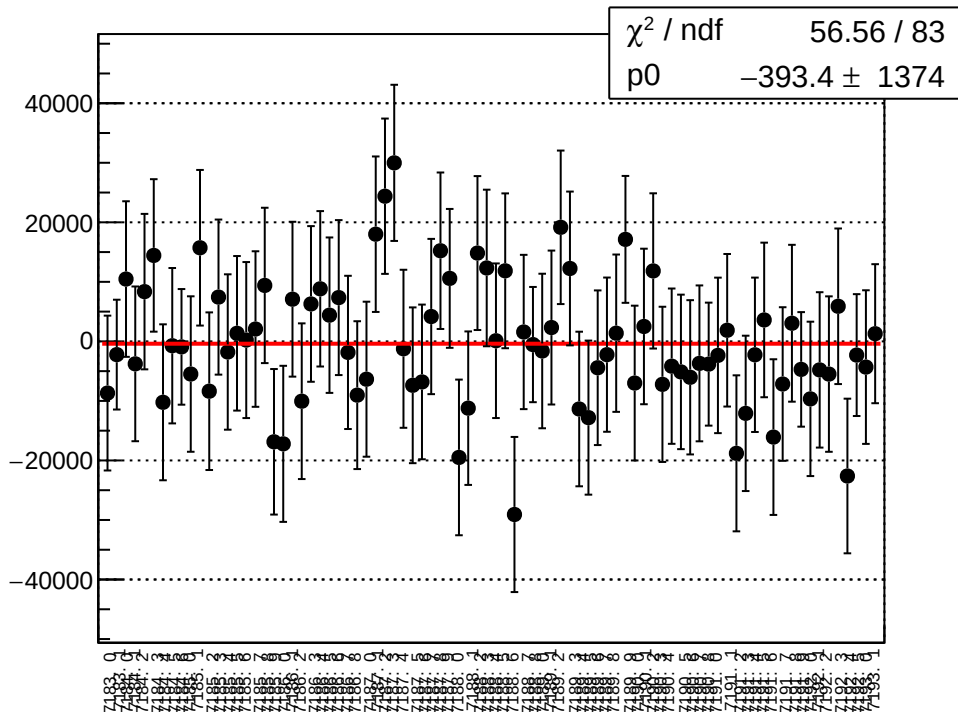
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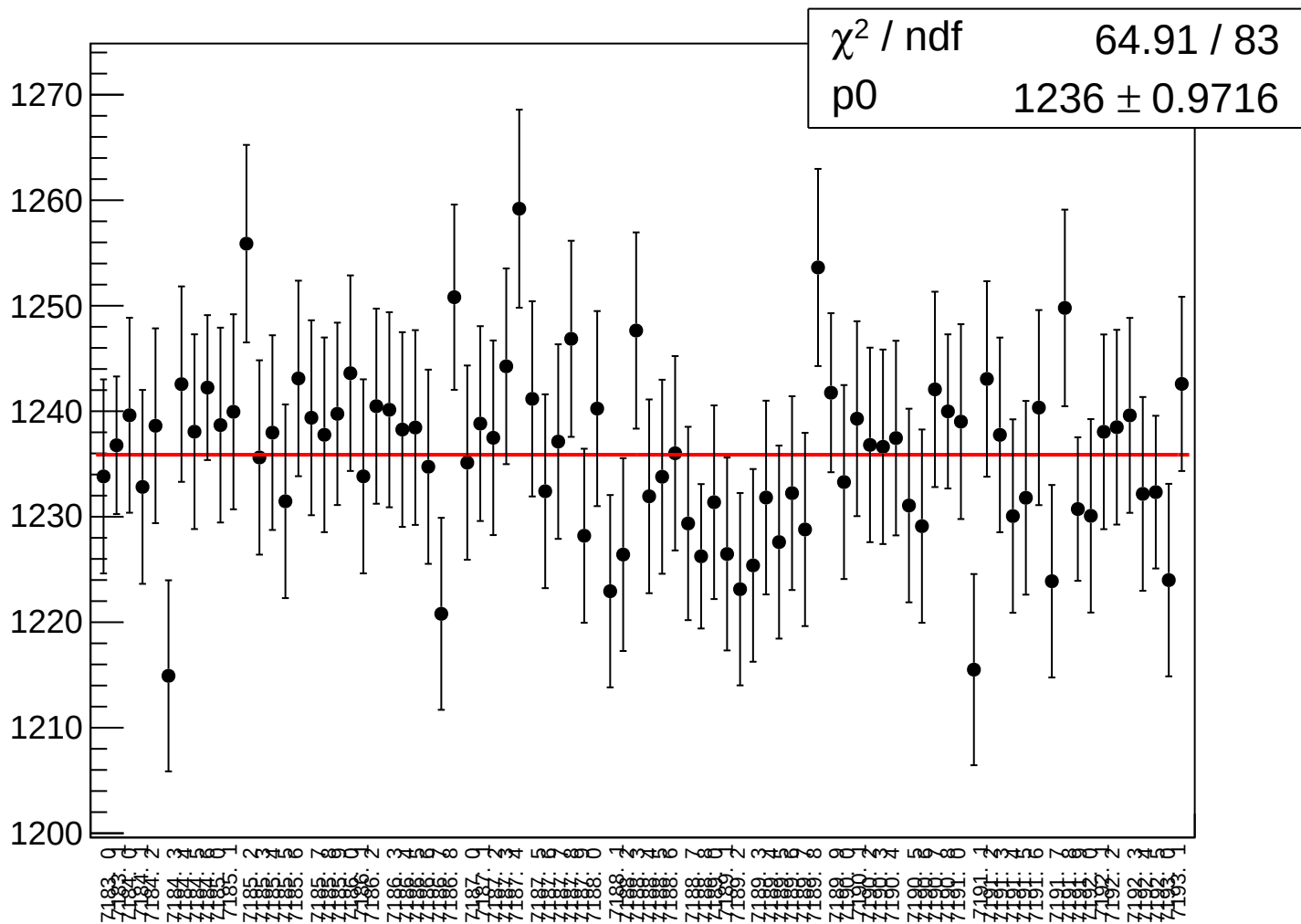
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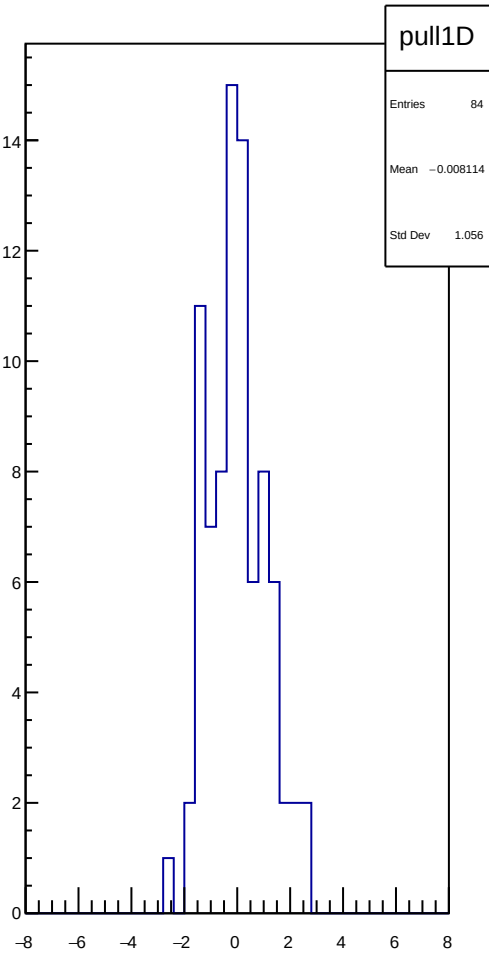
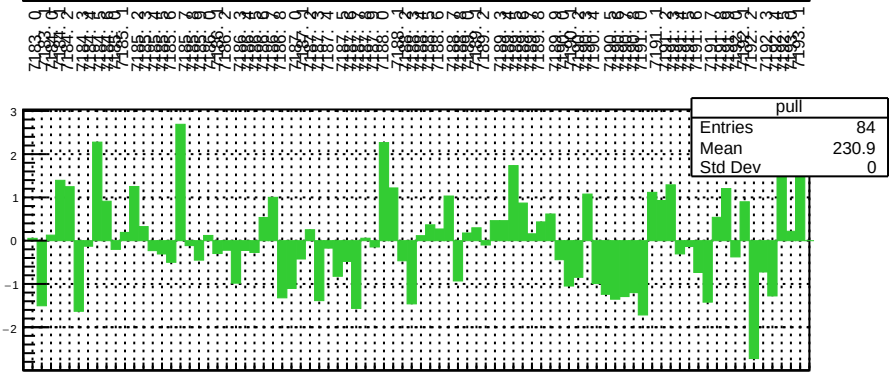
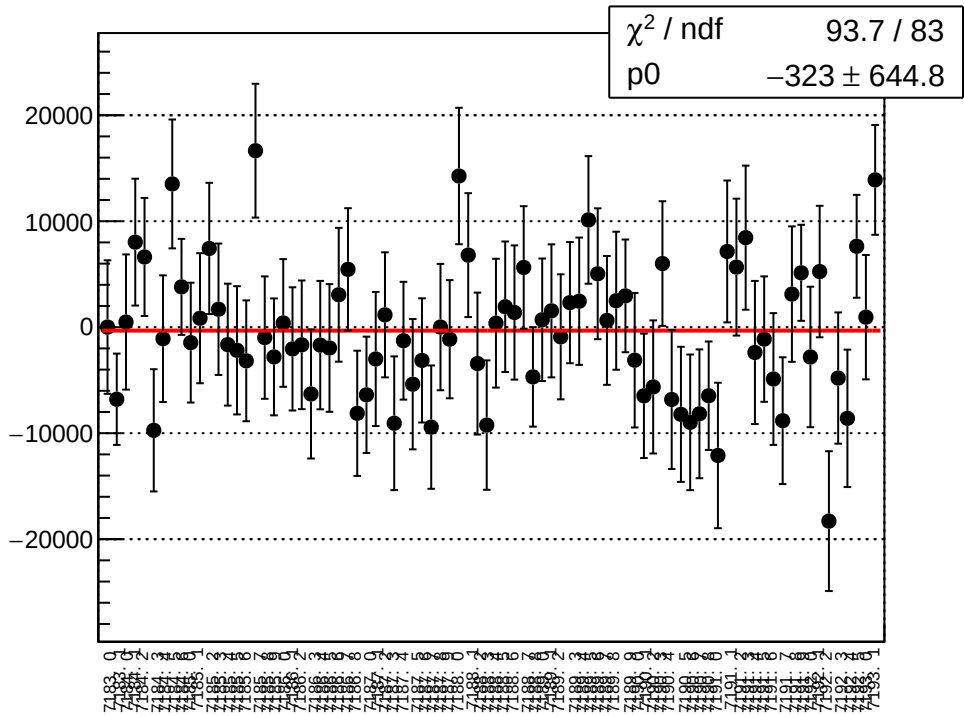
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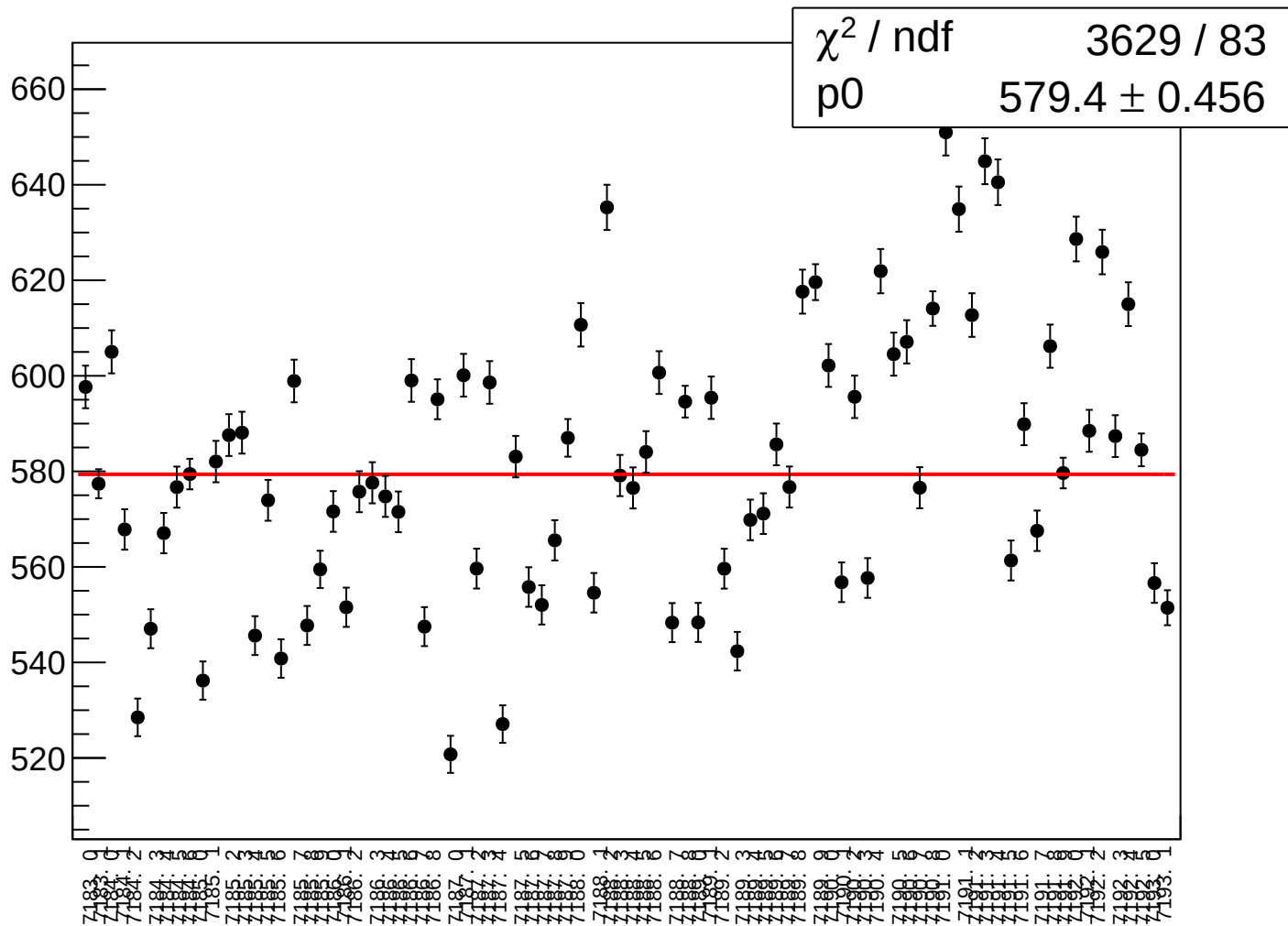
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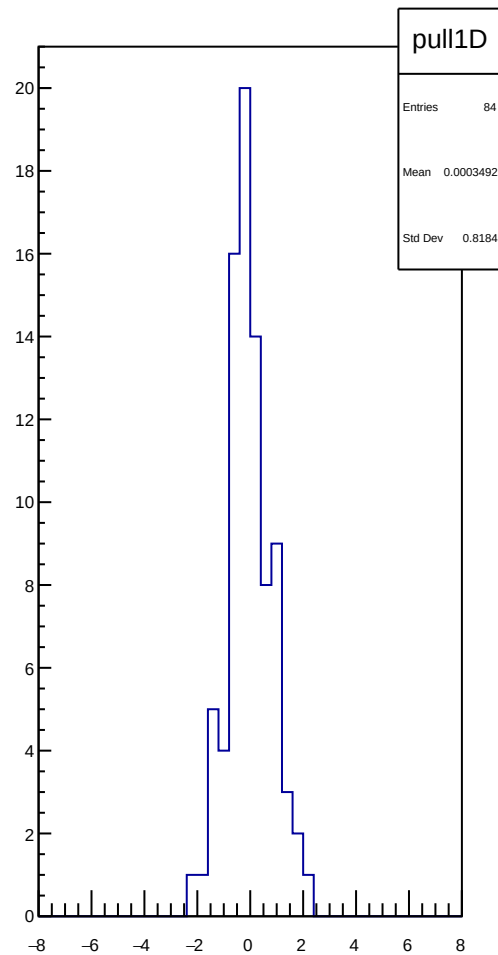
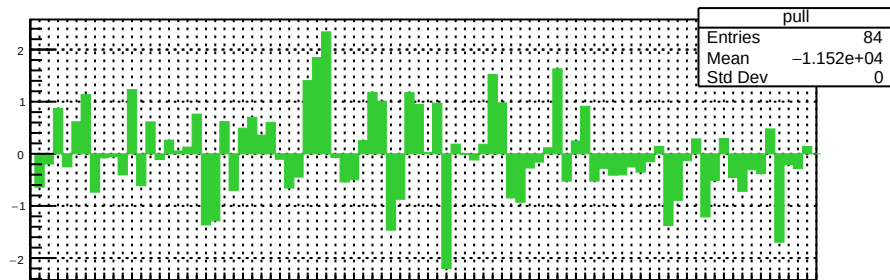
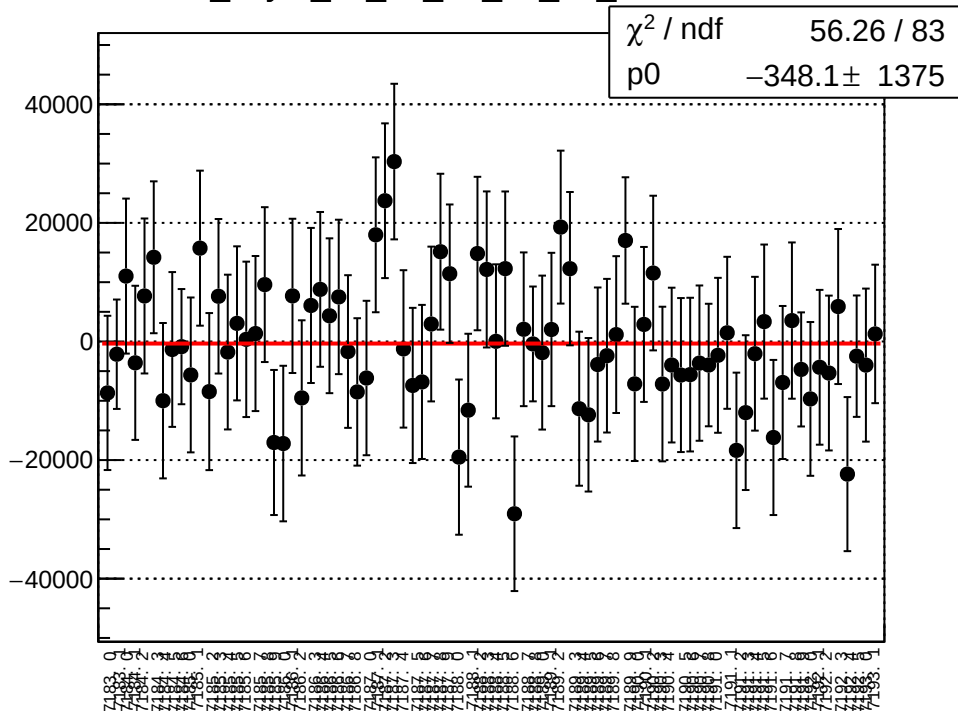
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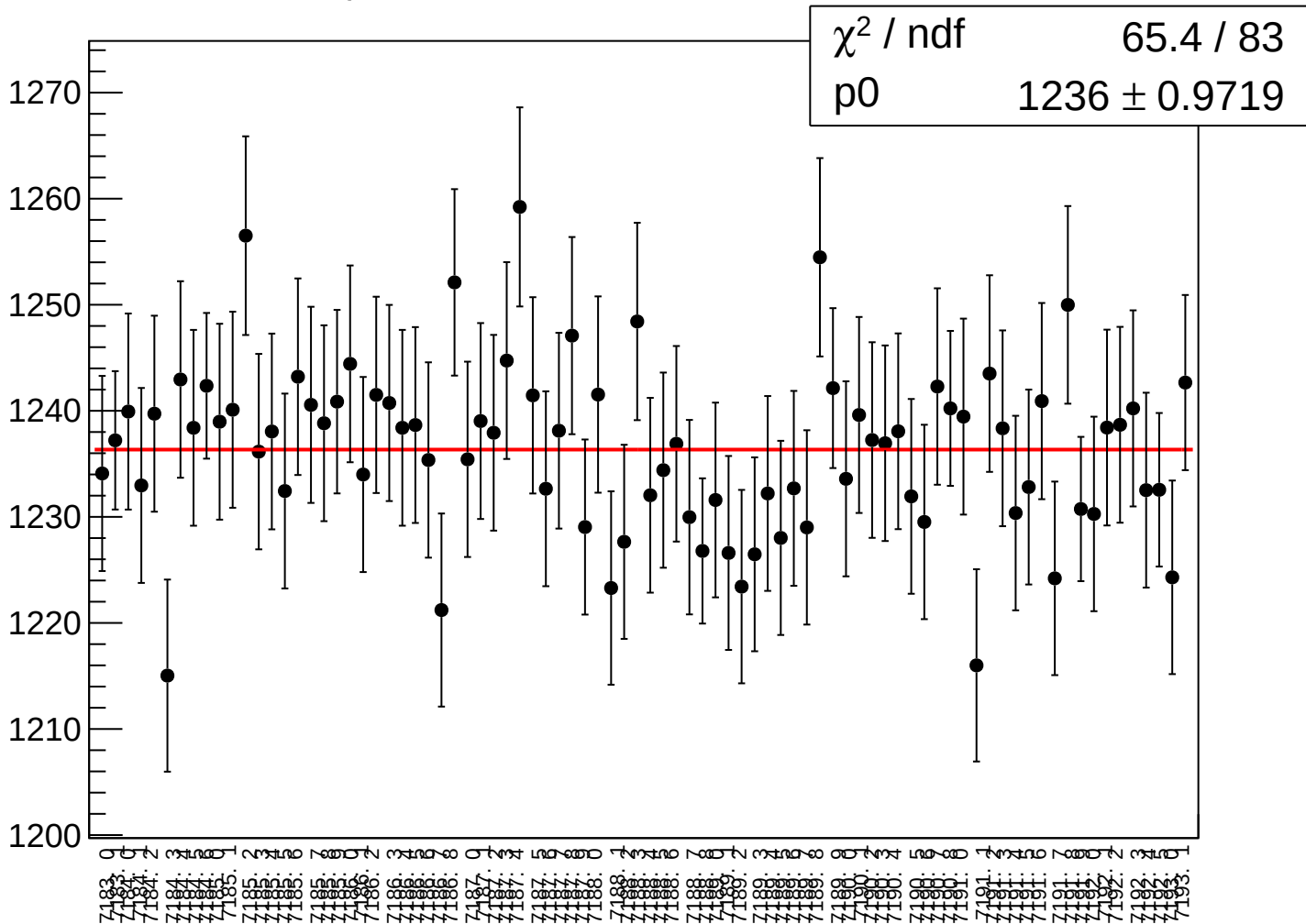
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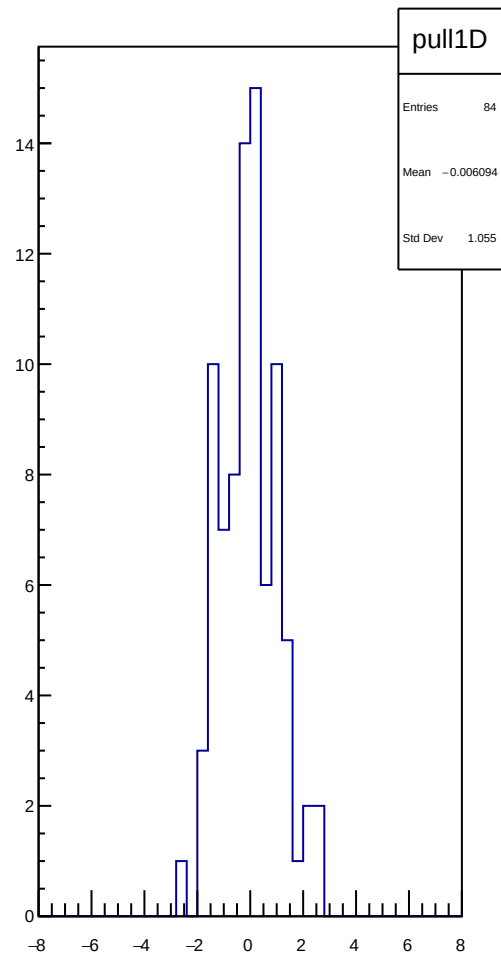
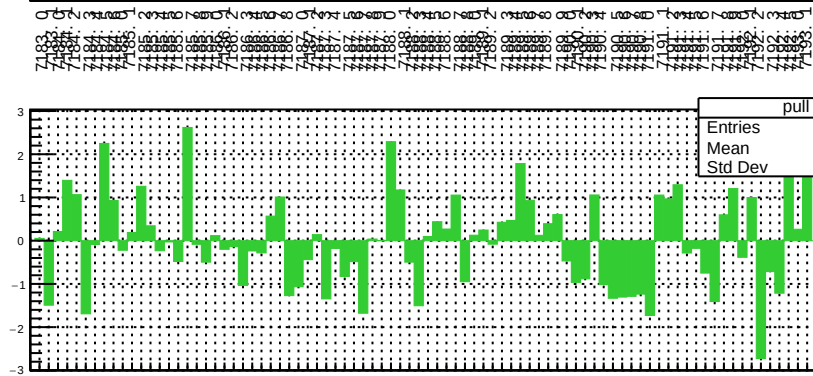
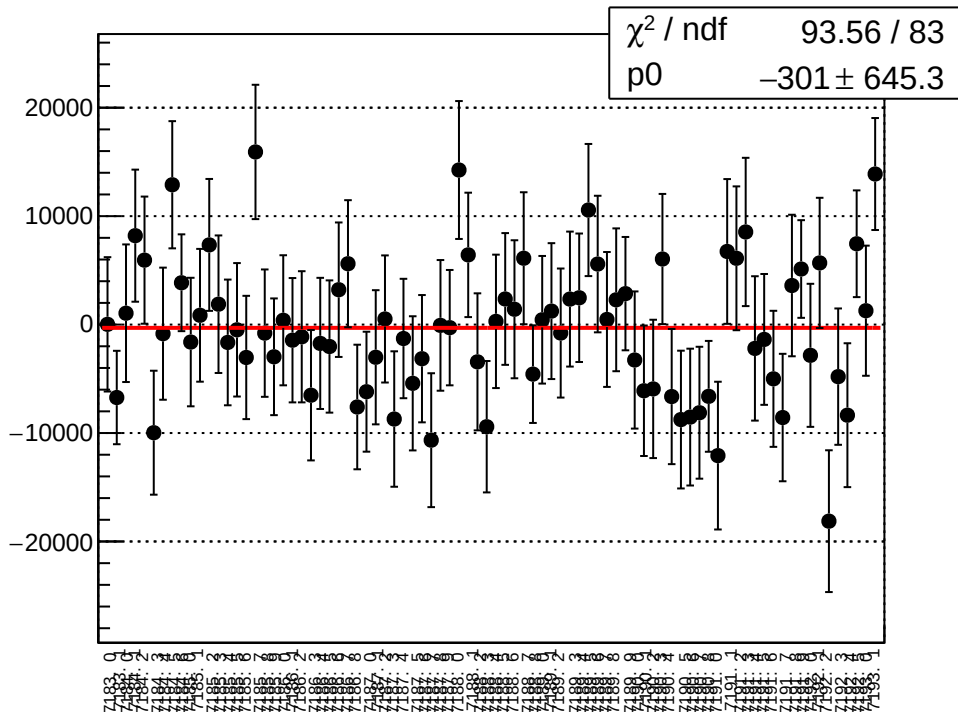
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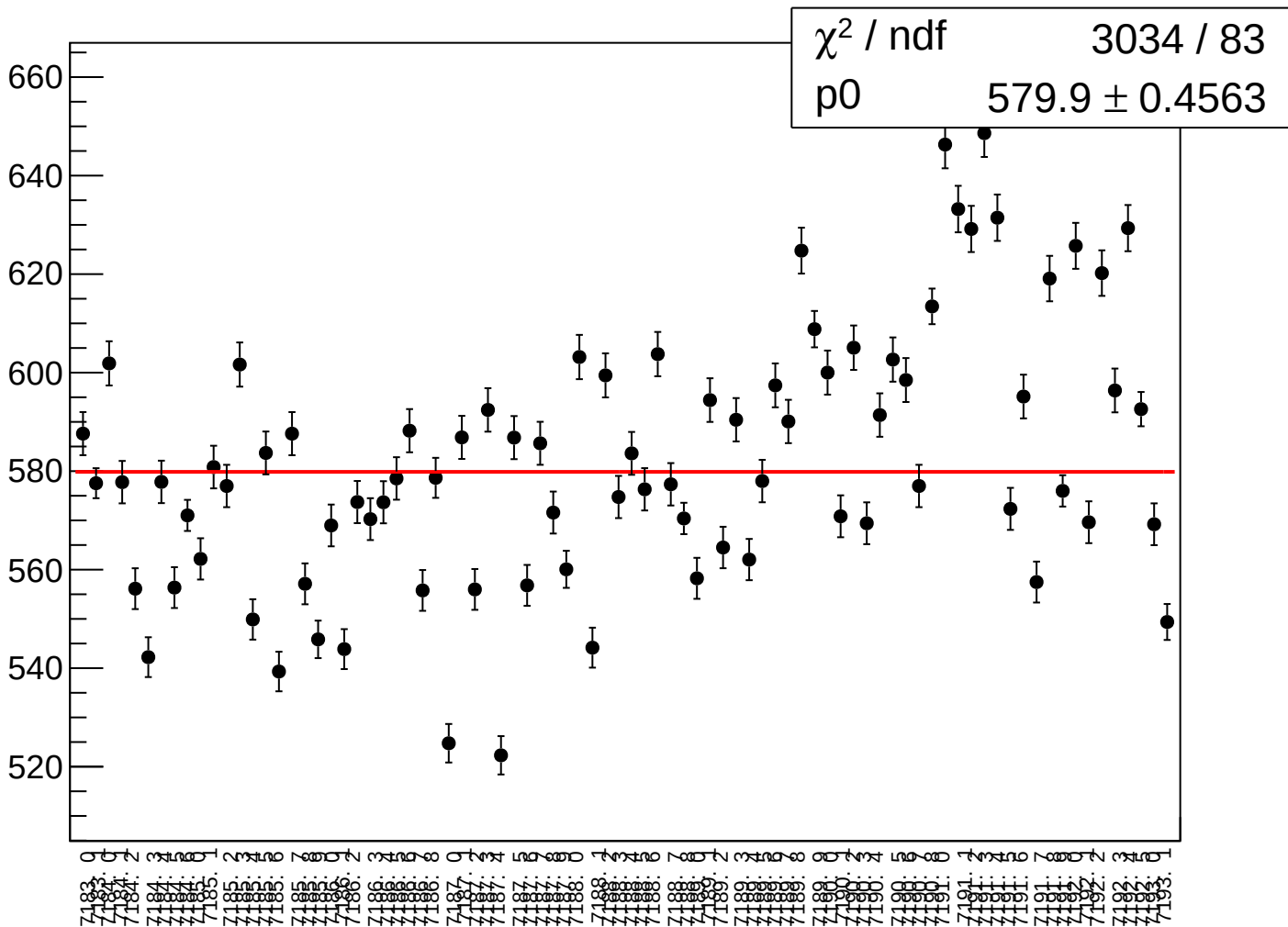
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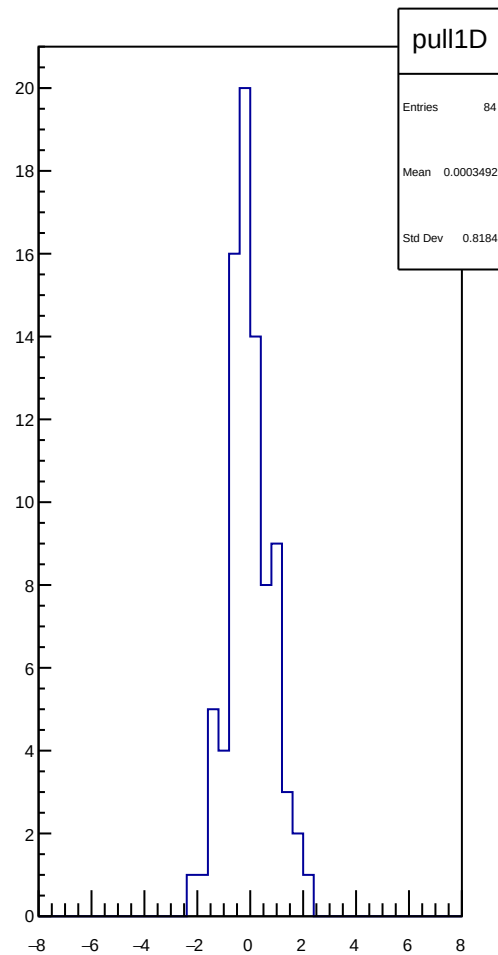
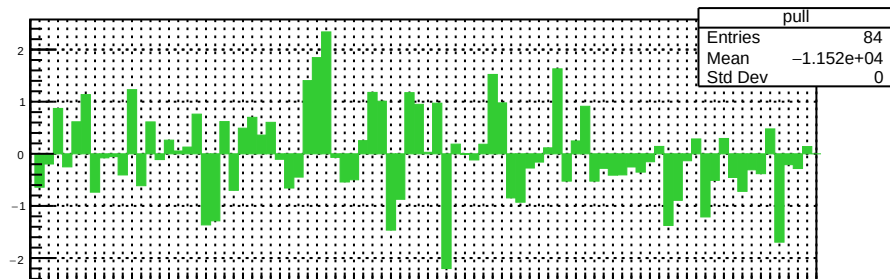
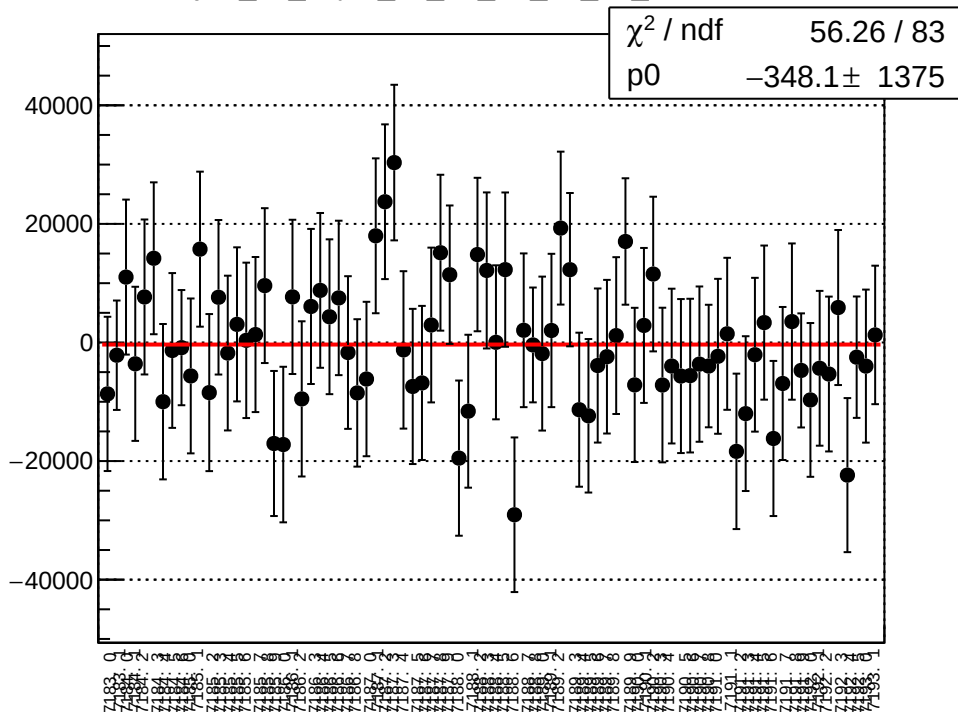
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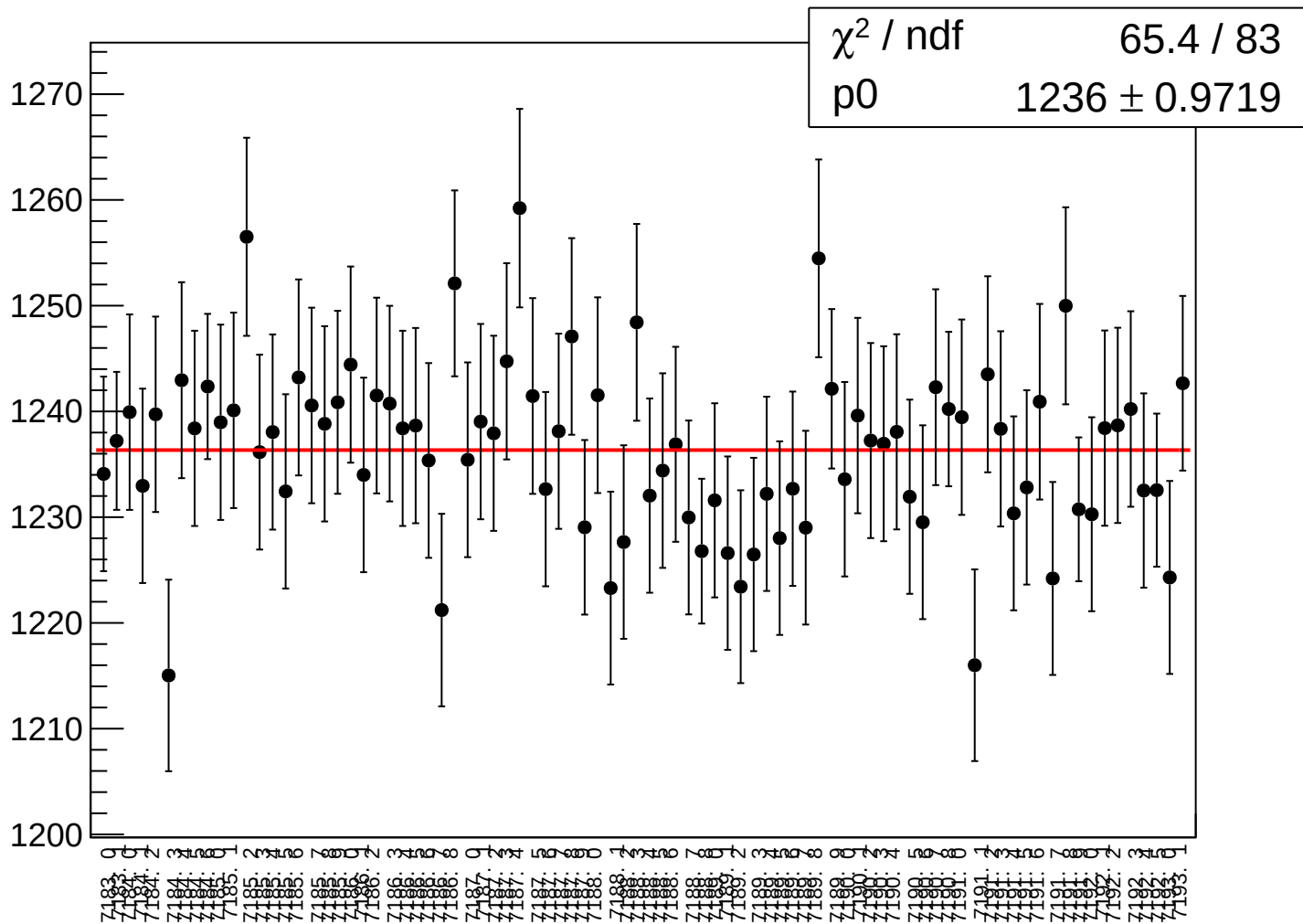
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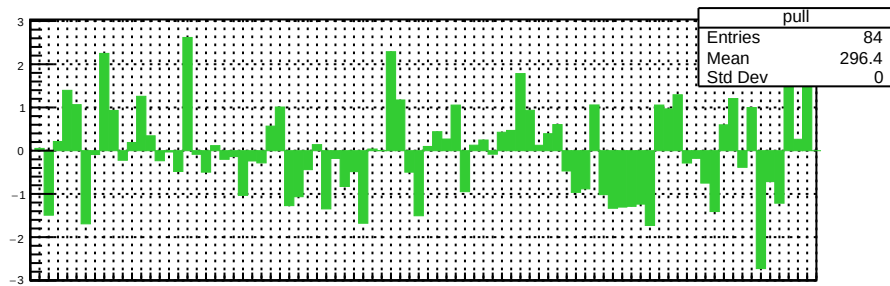
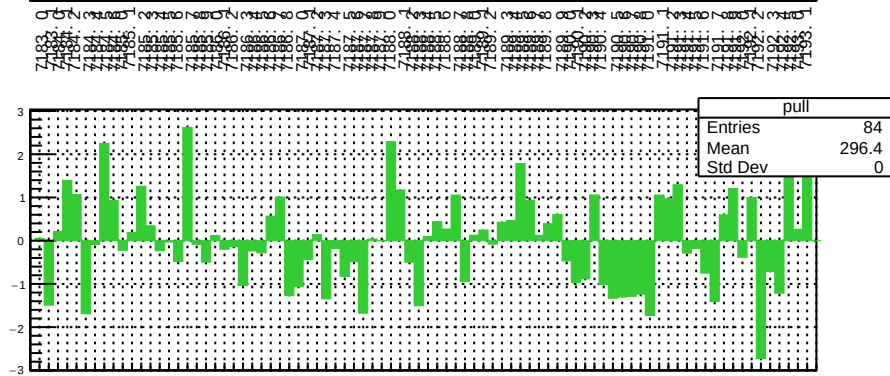
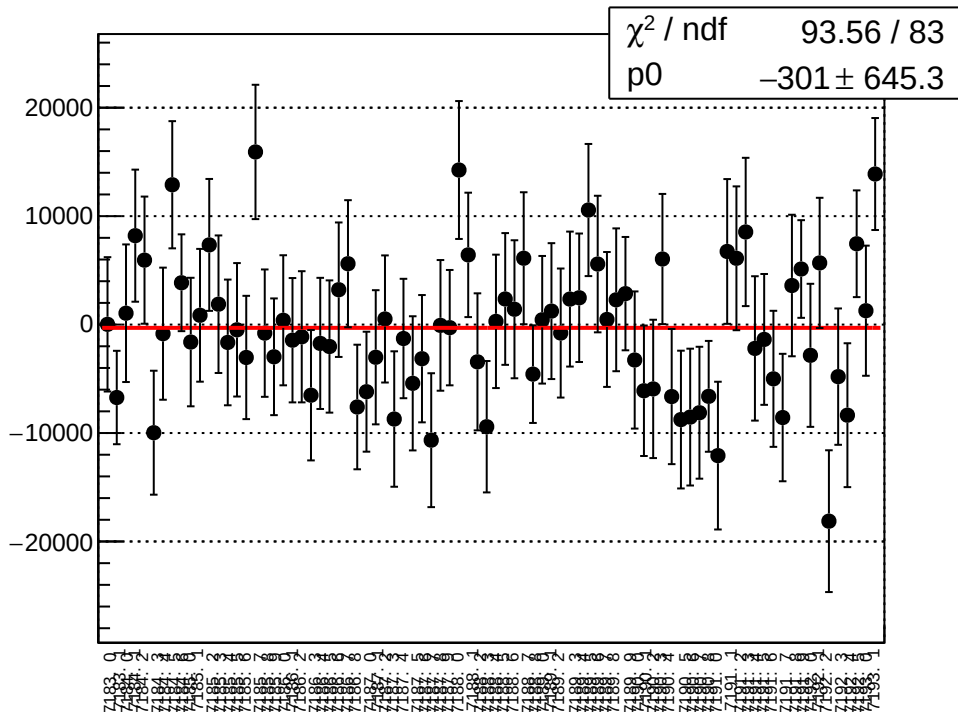
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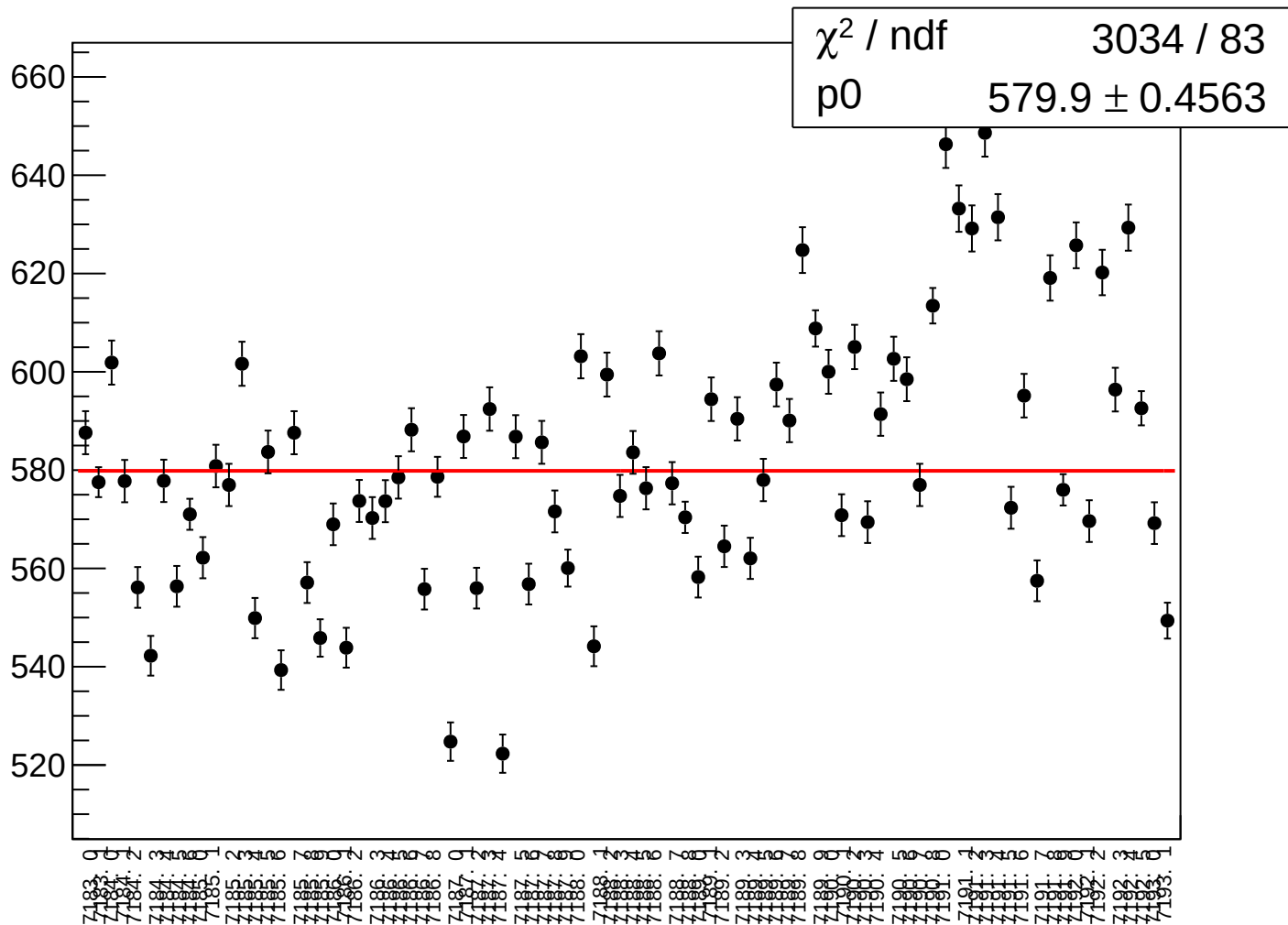
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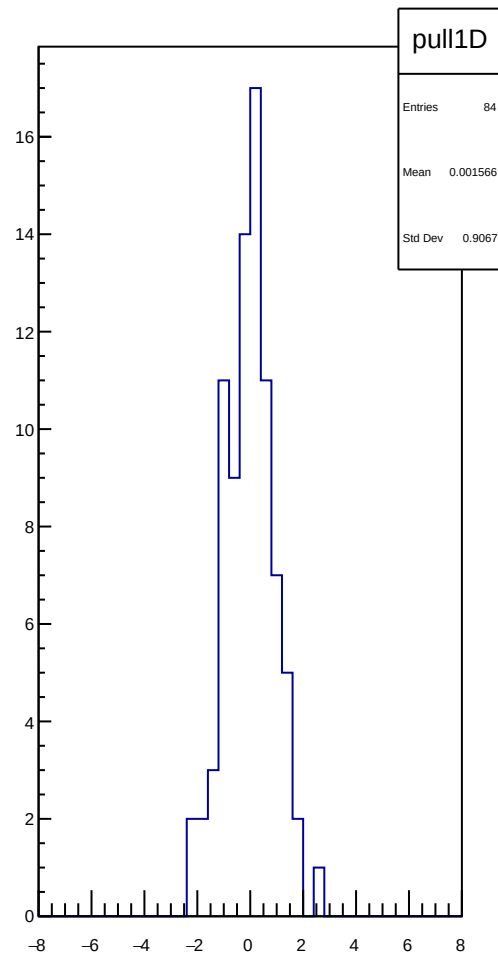
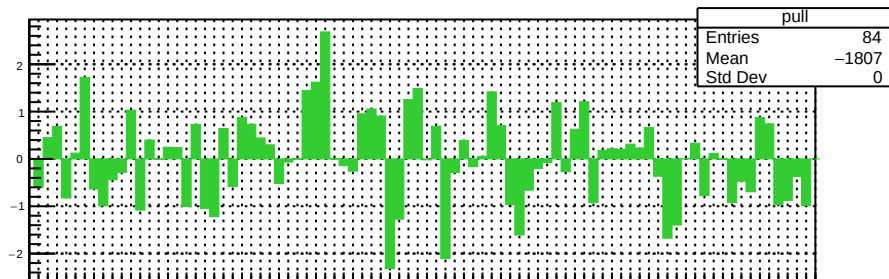
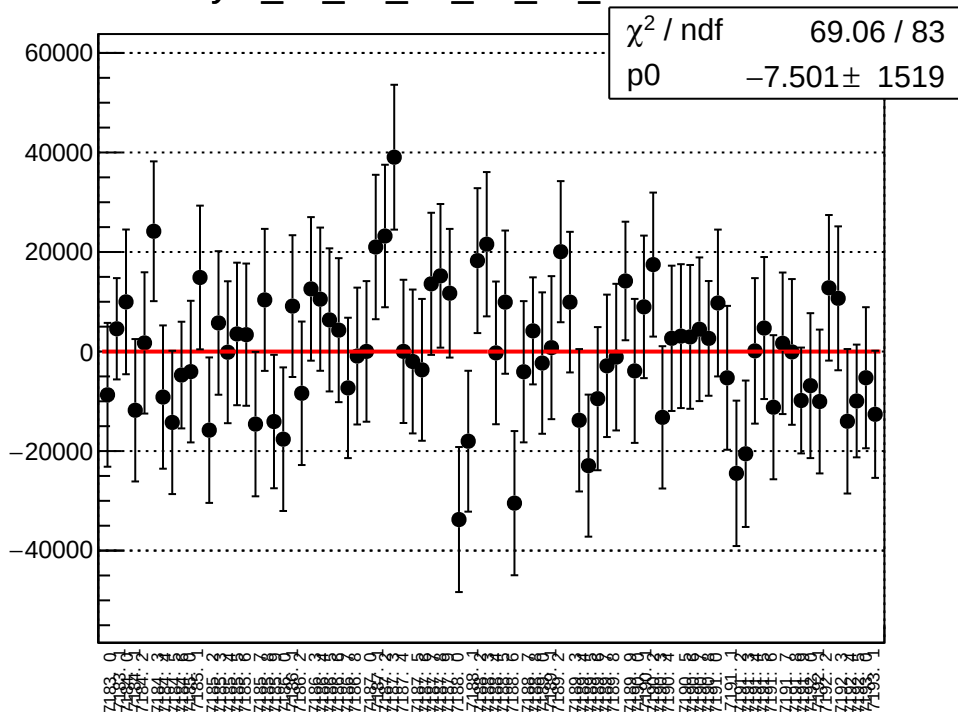
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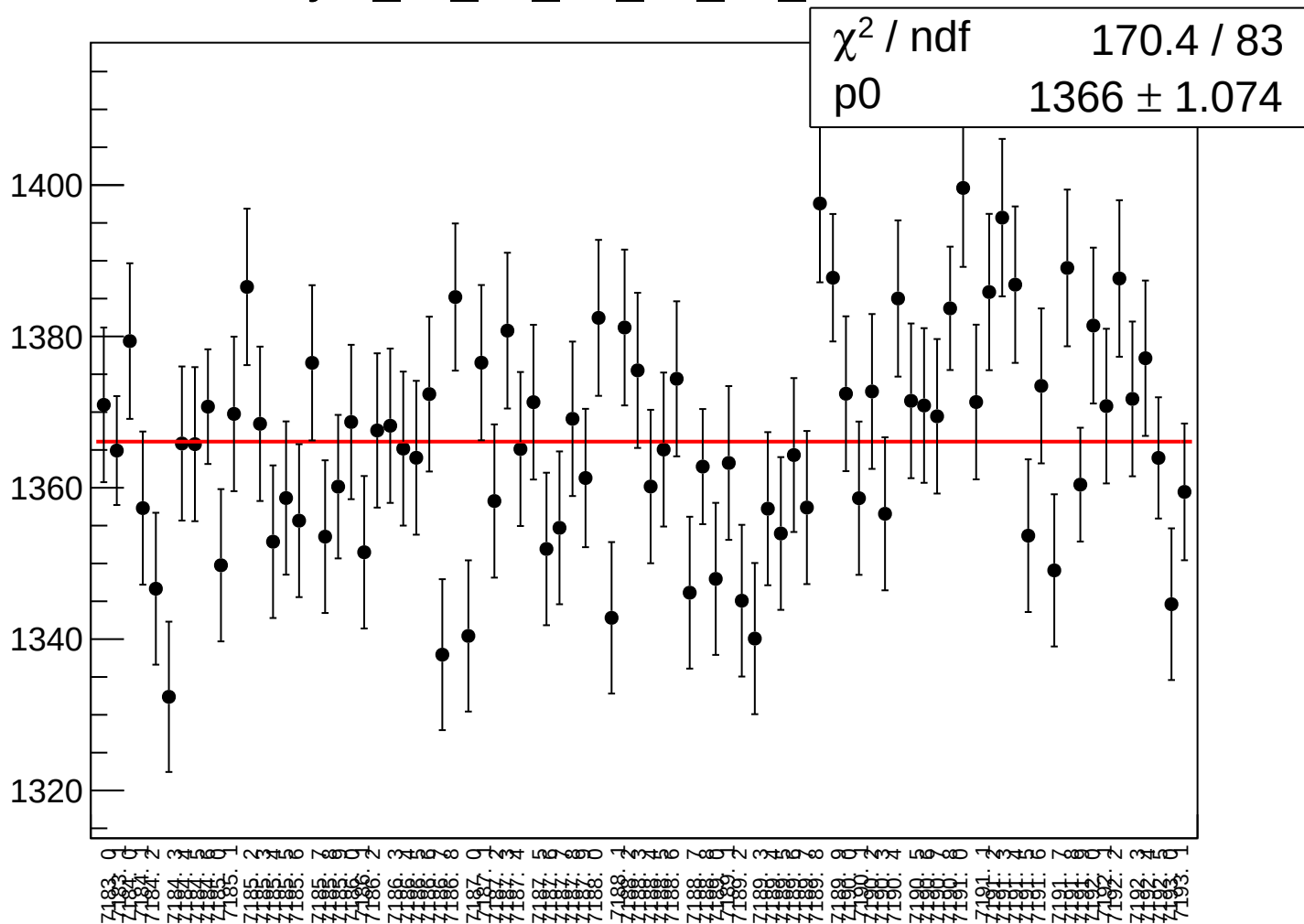
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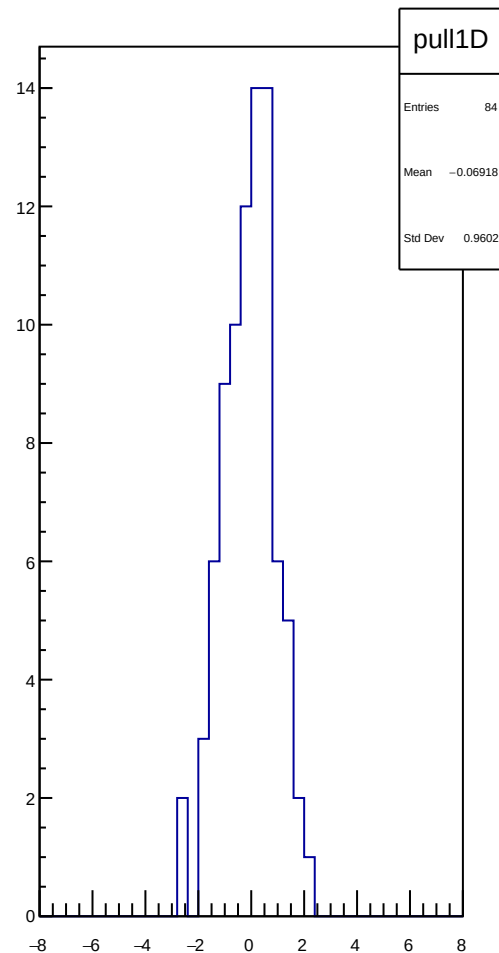
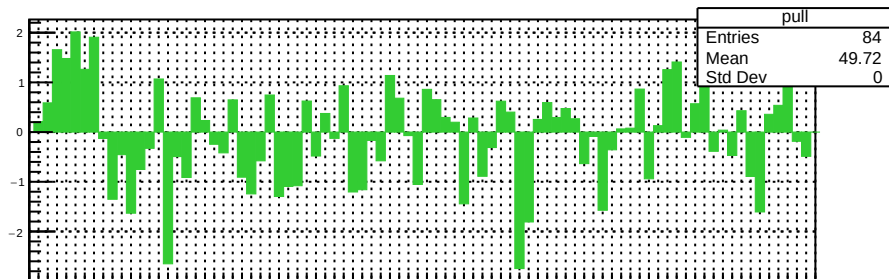
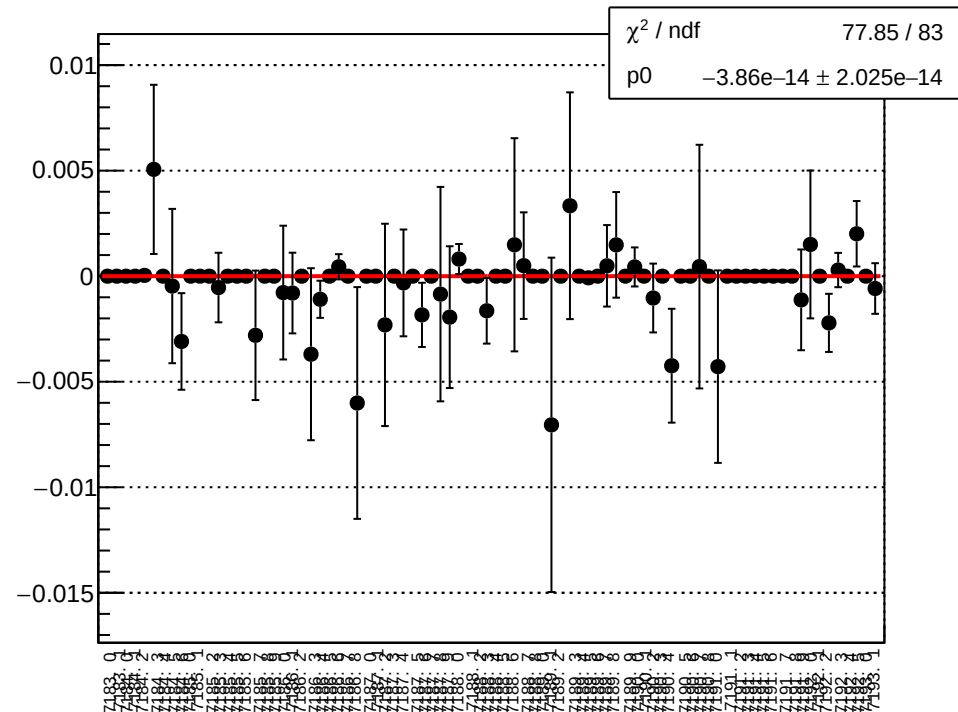
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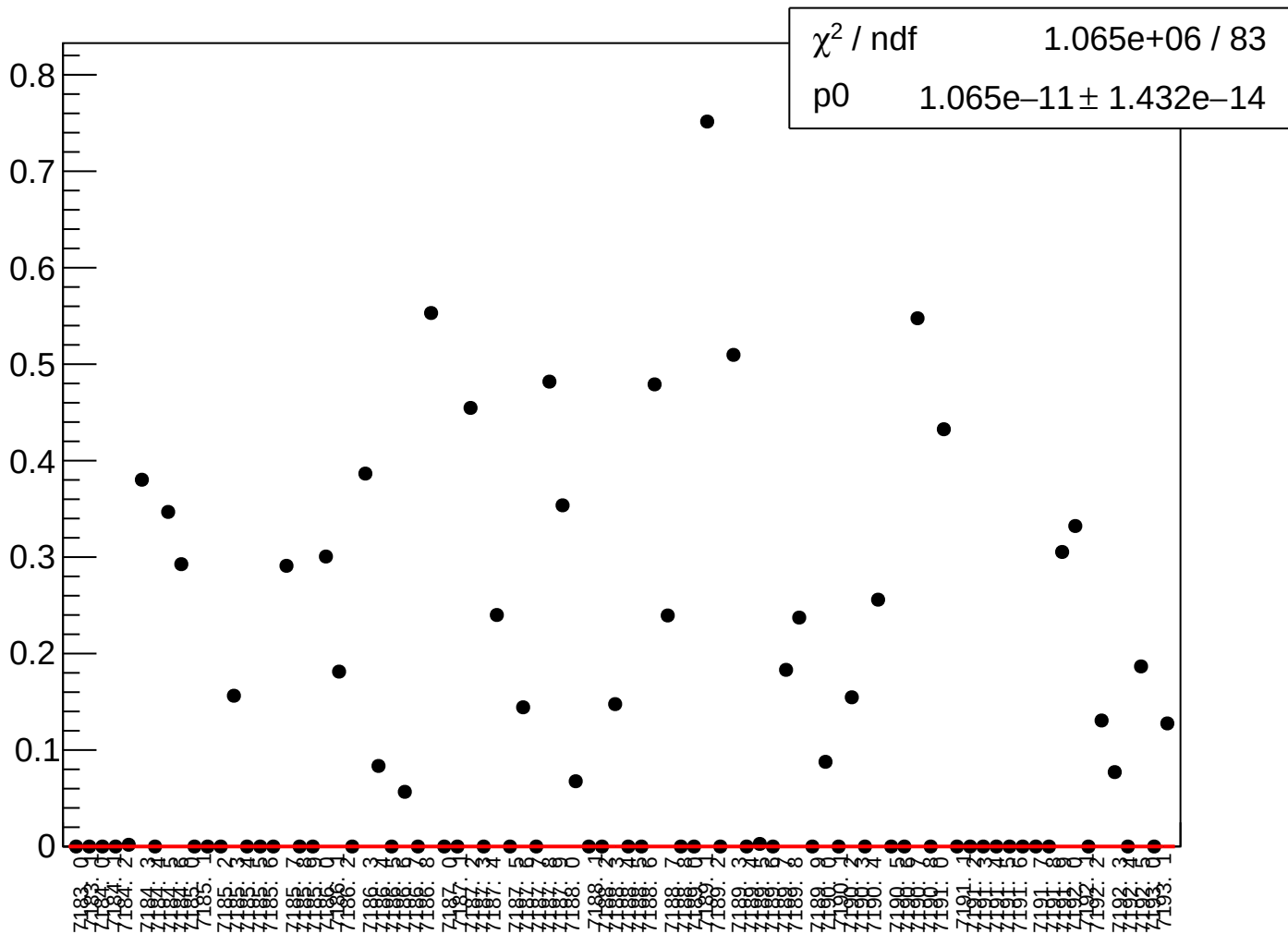
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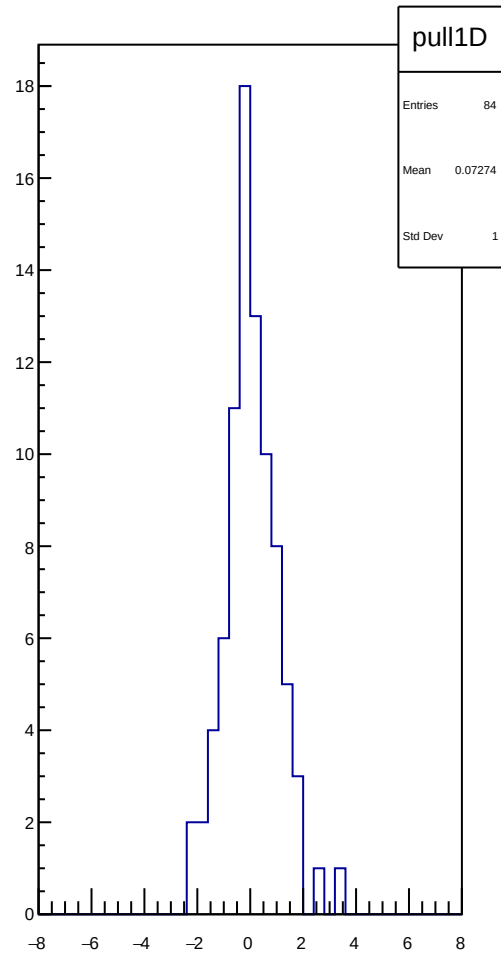
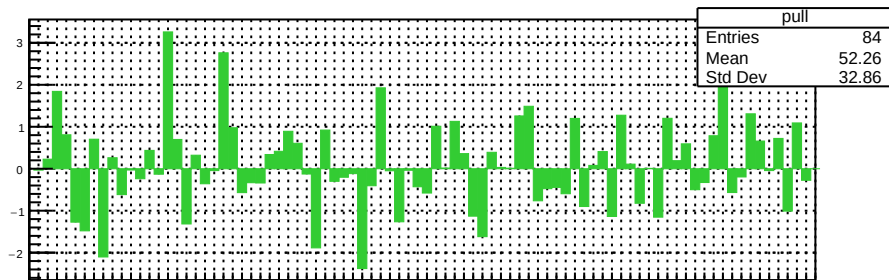
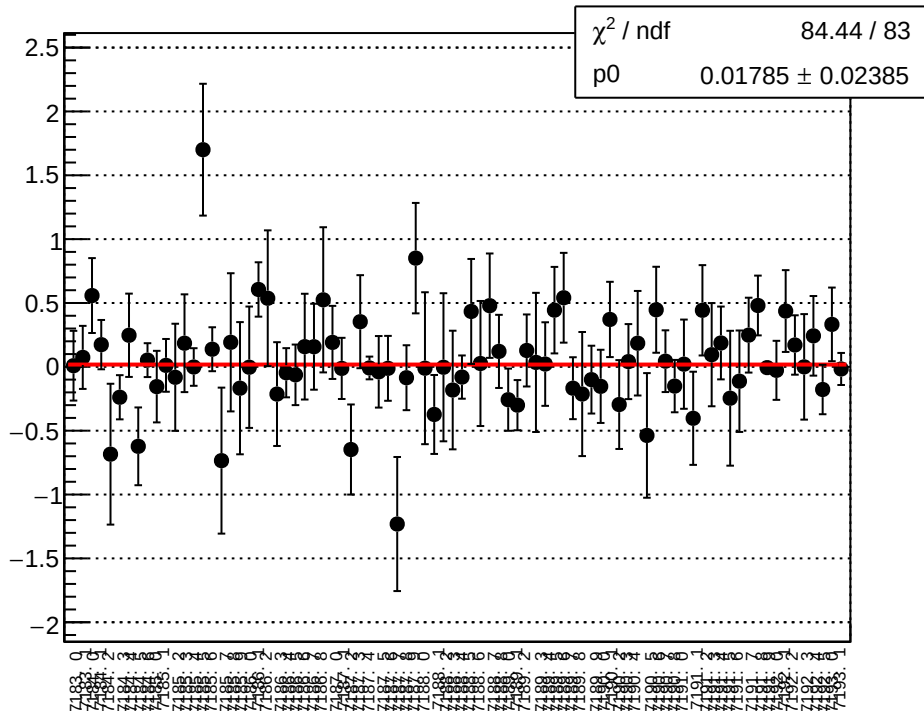
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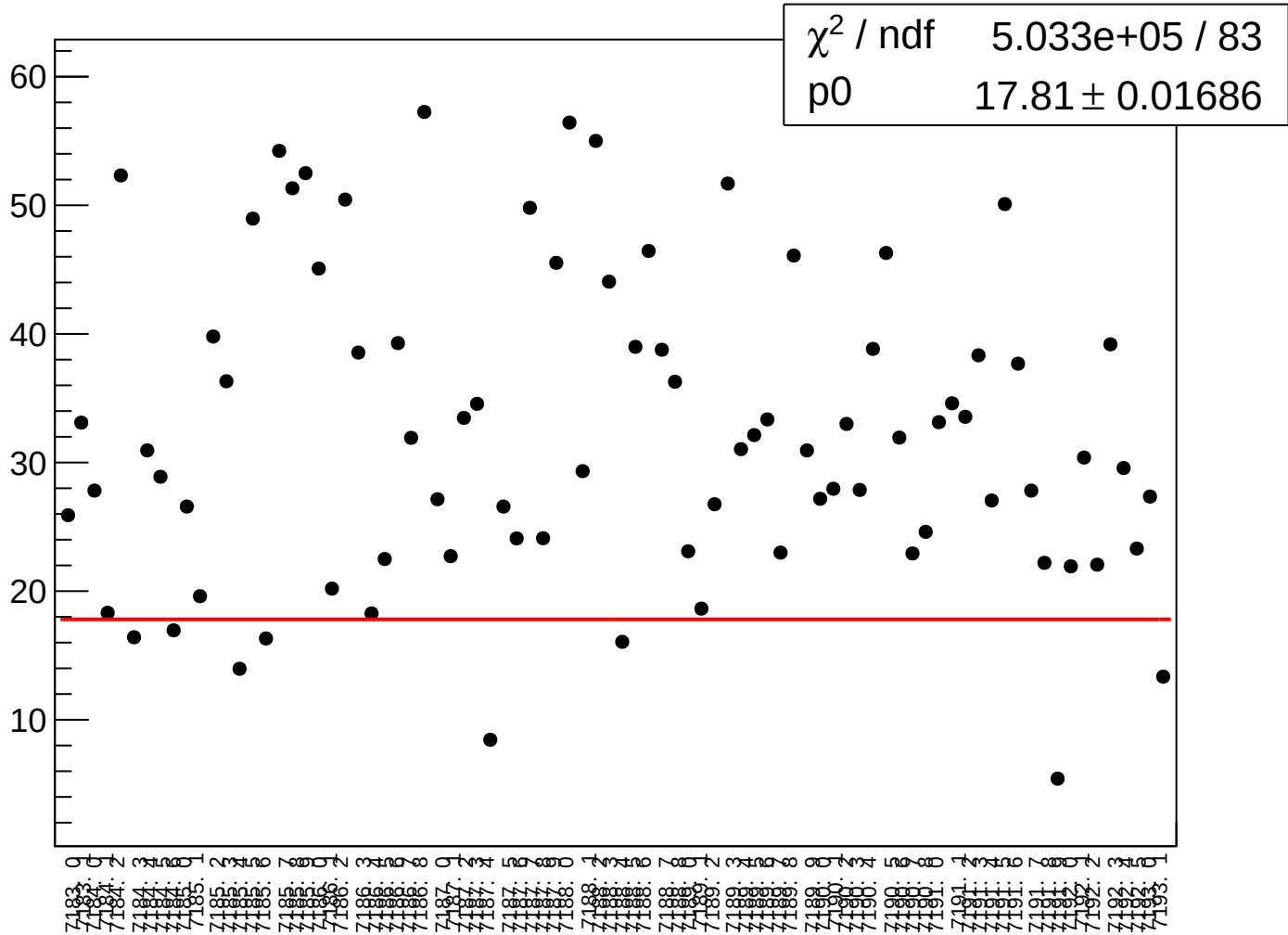
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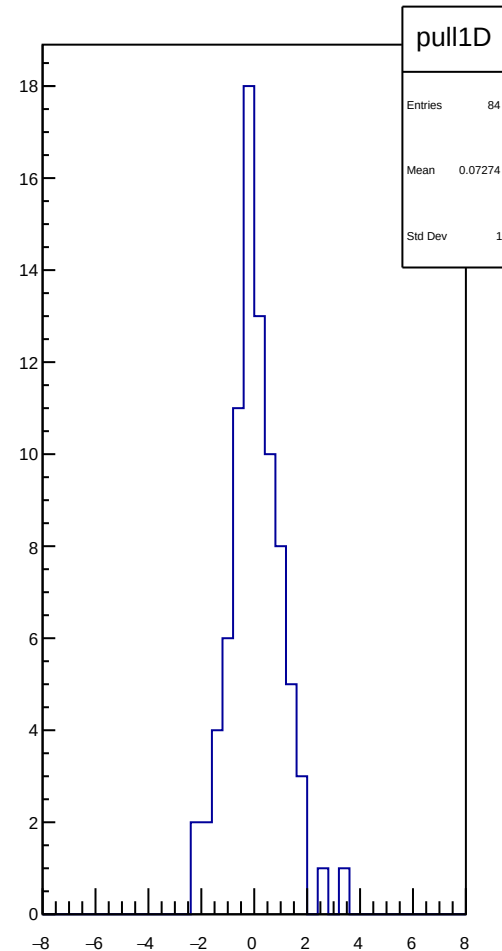
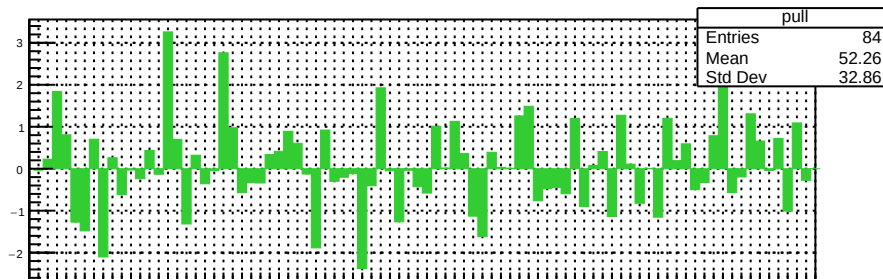
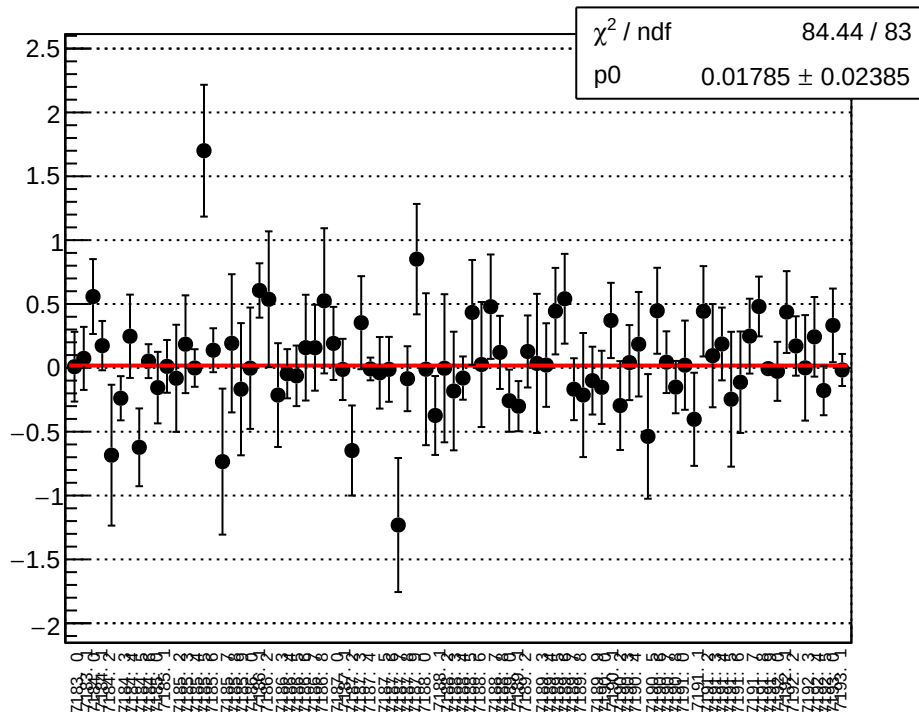
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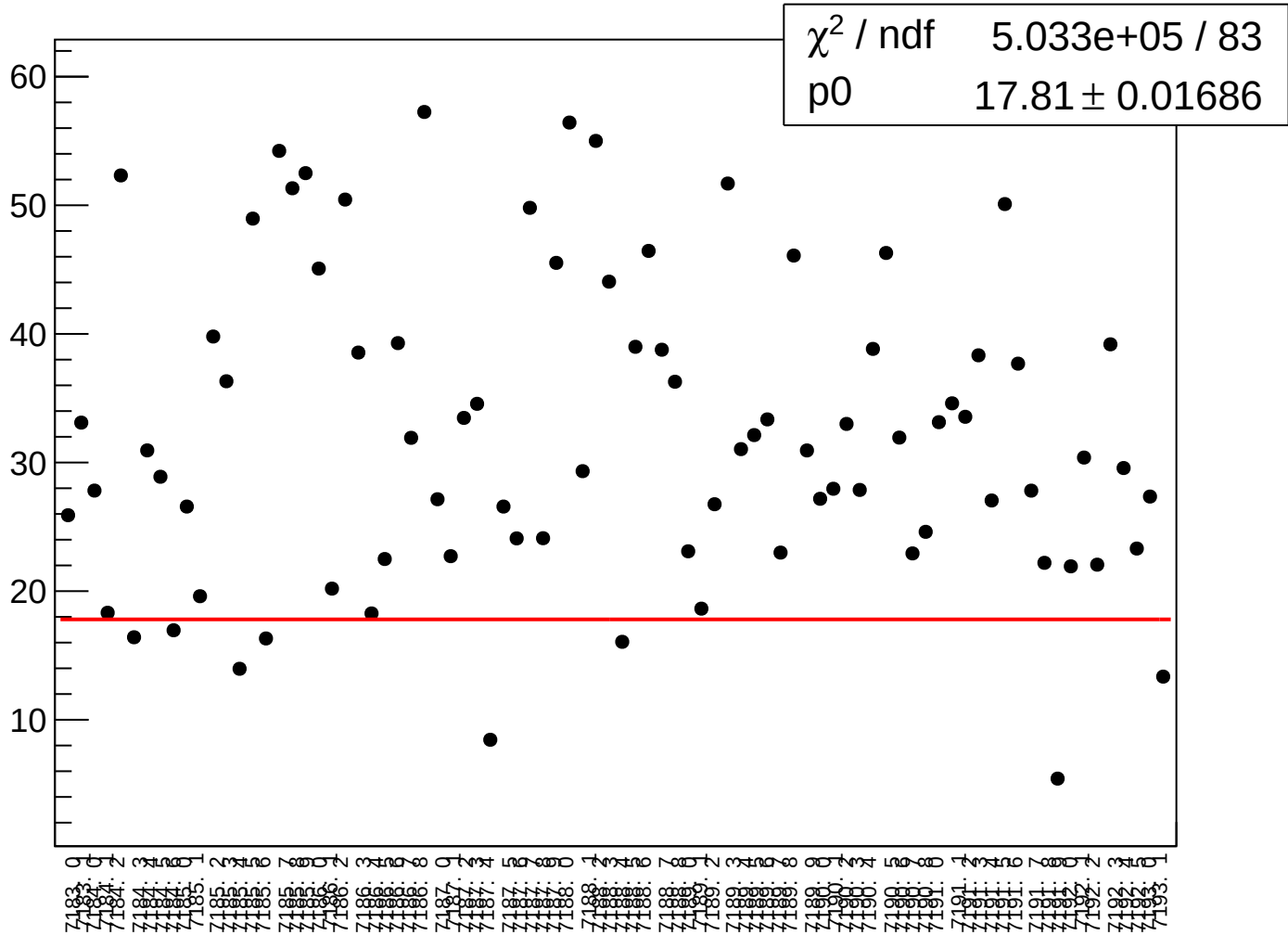
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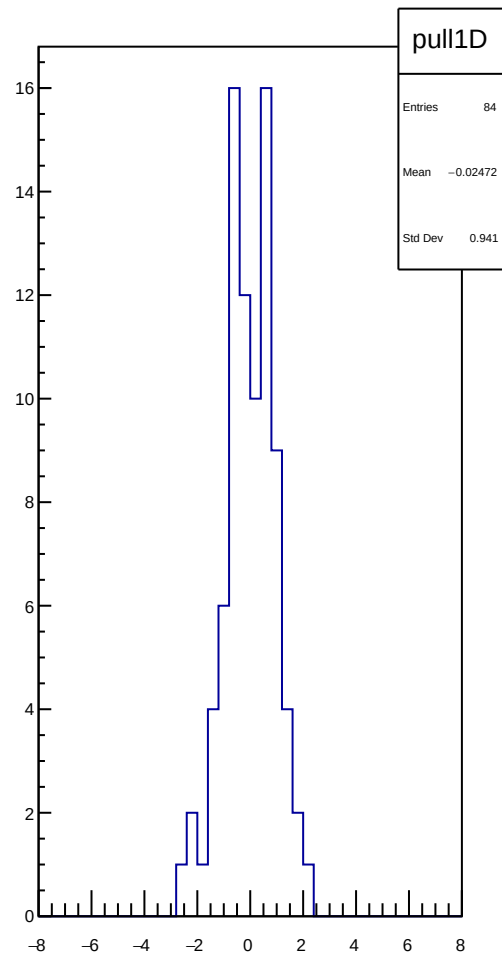
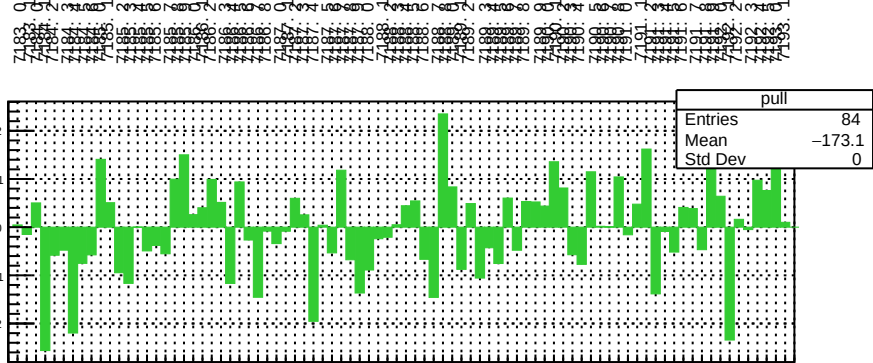
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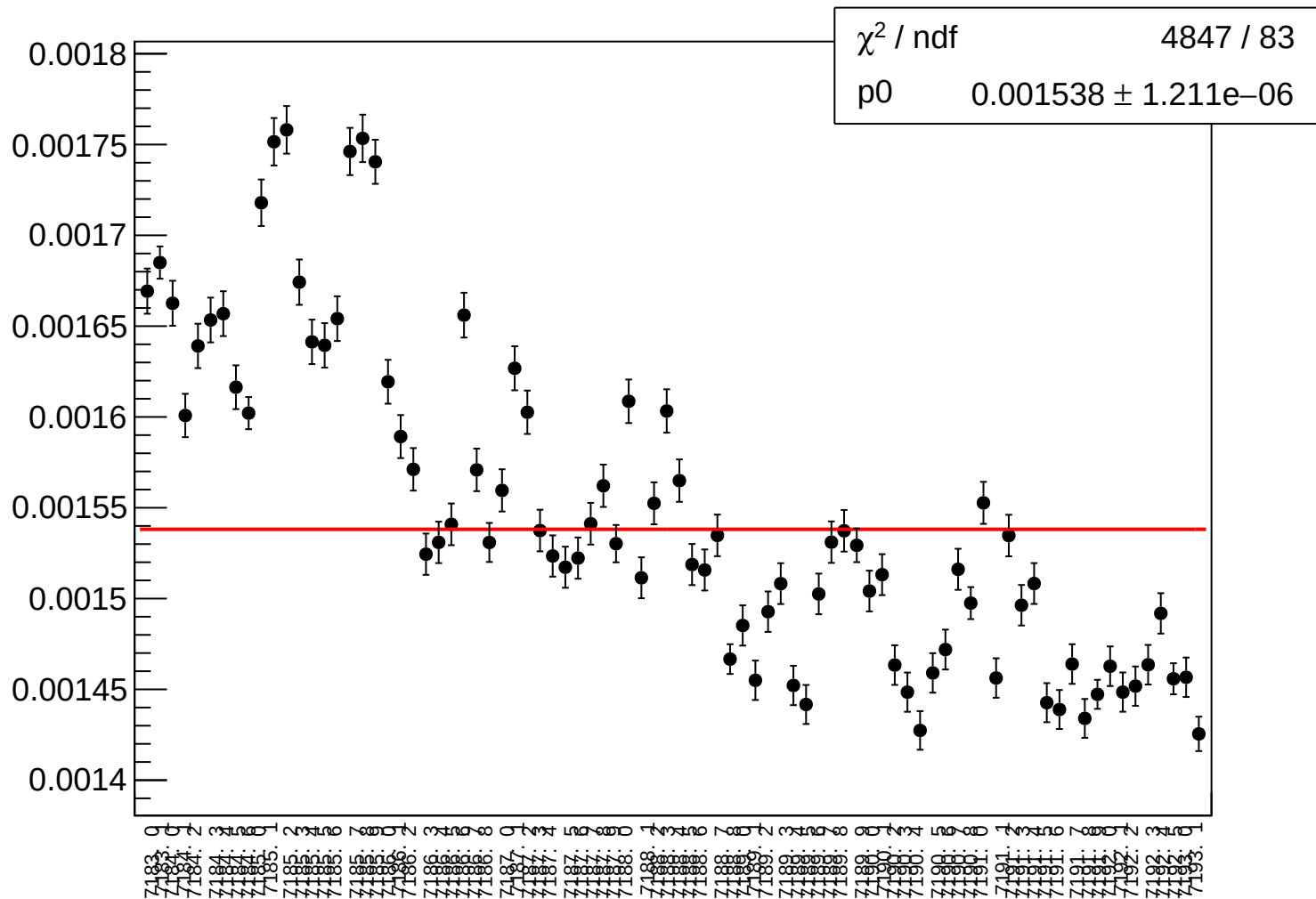
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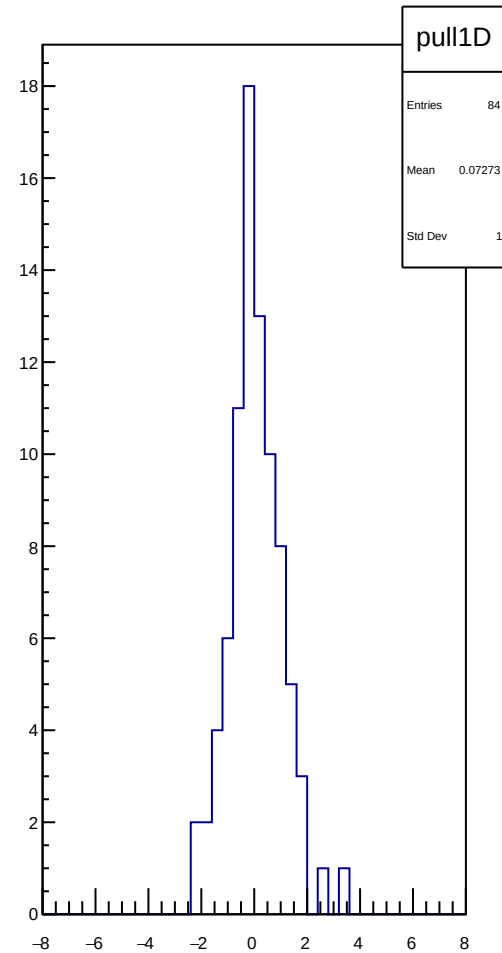
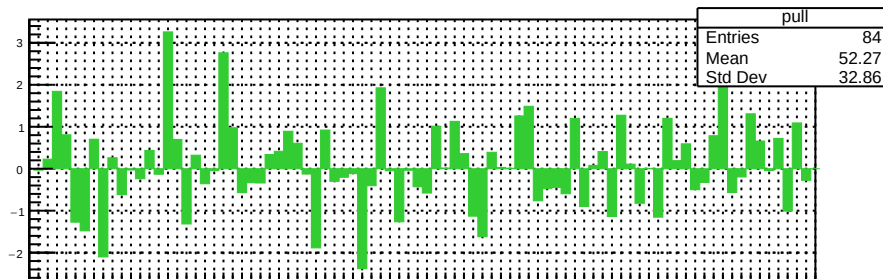
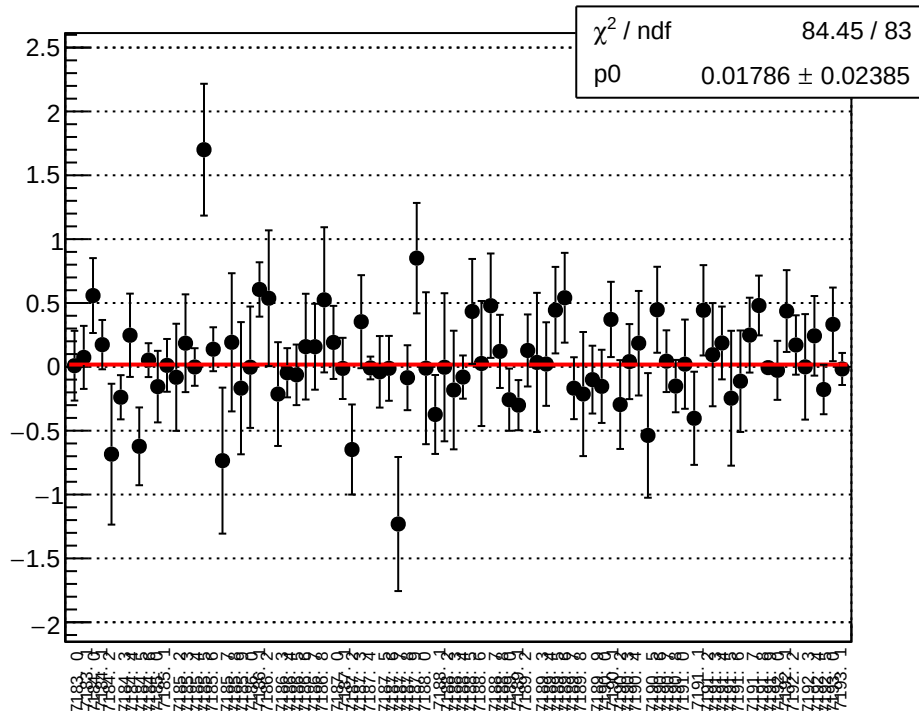
χ^2 / ndf 74.43 / 83
 p_0 $-3.126\text{e-}06 \pm 1.713\text{e-}06$



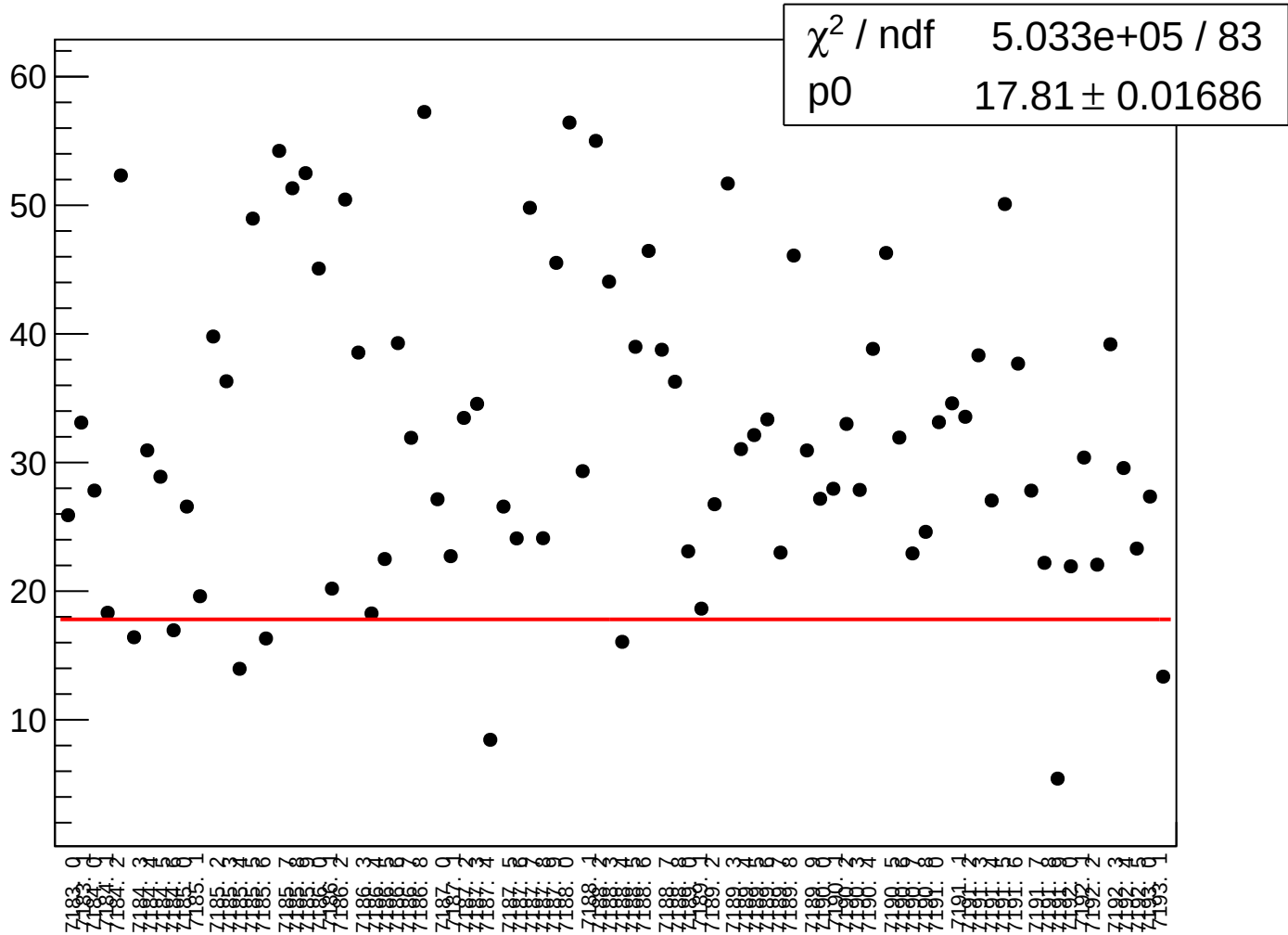
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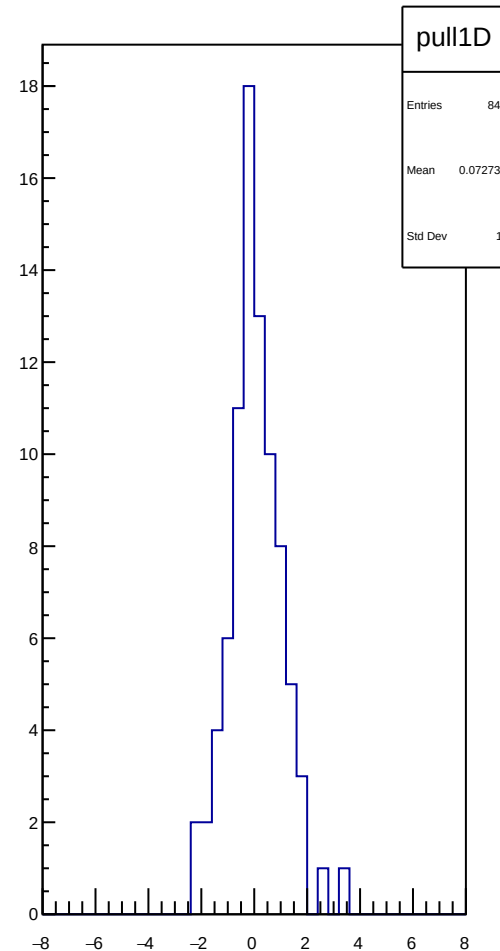
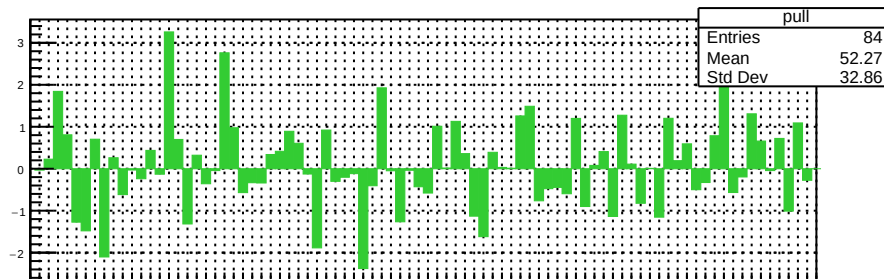
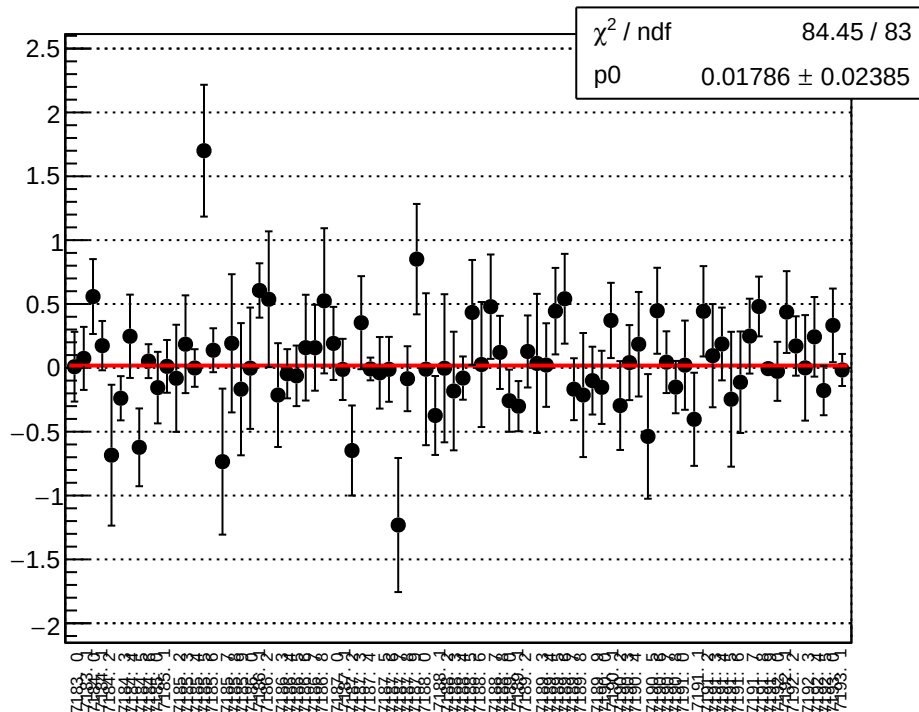
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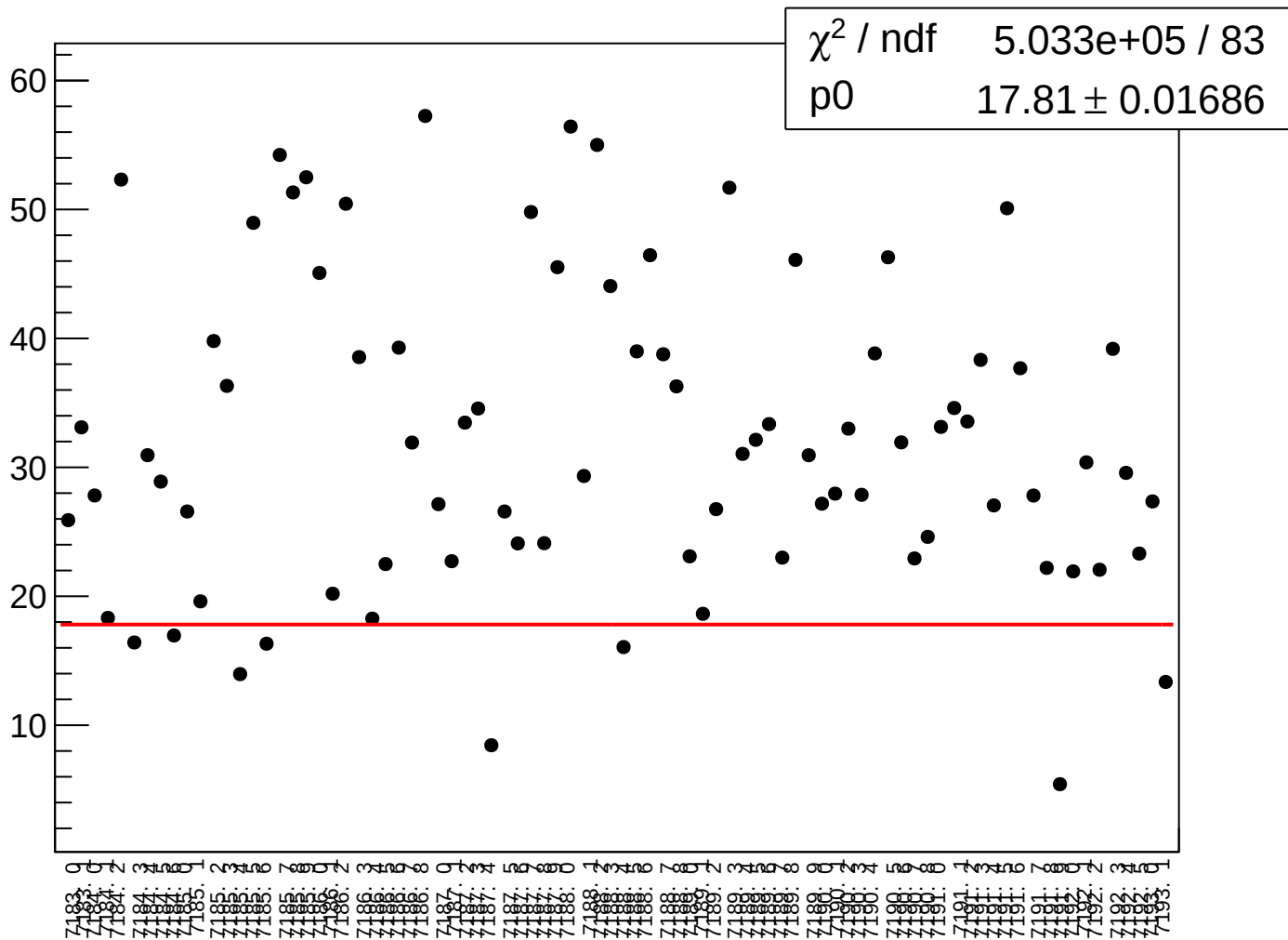
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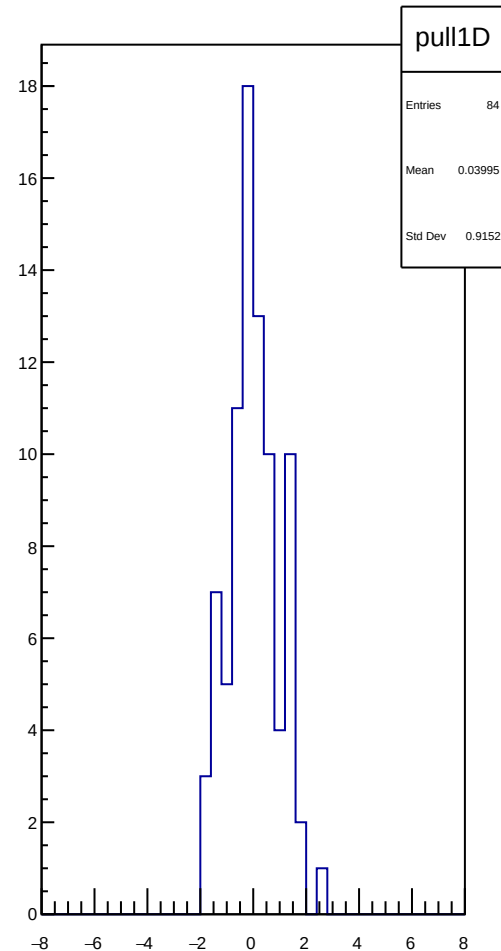
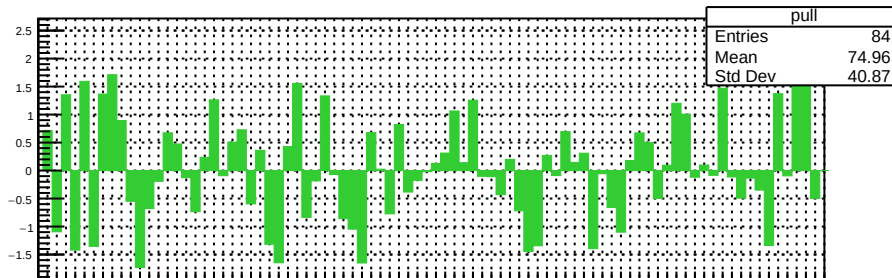
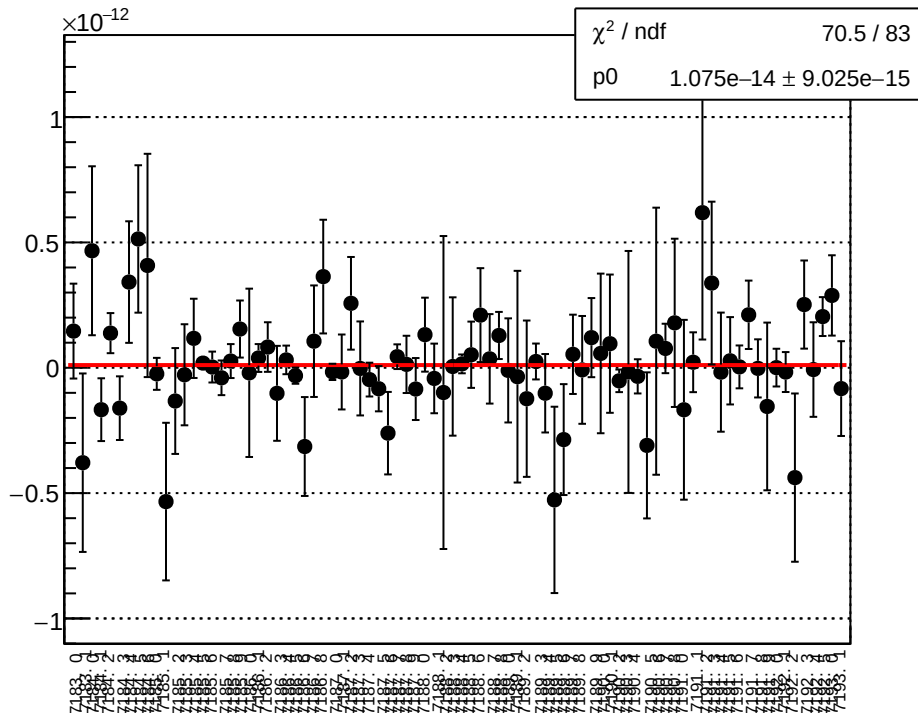
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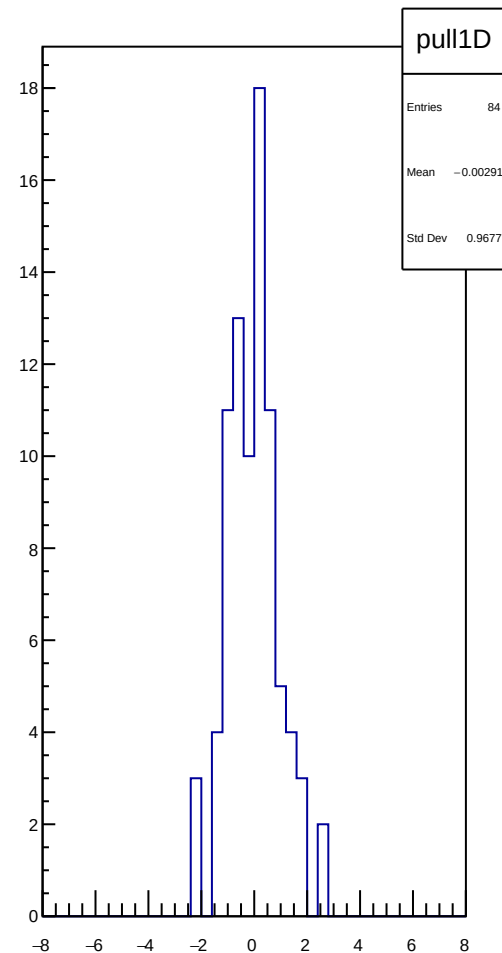
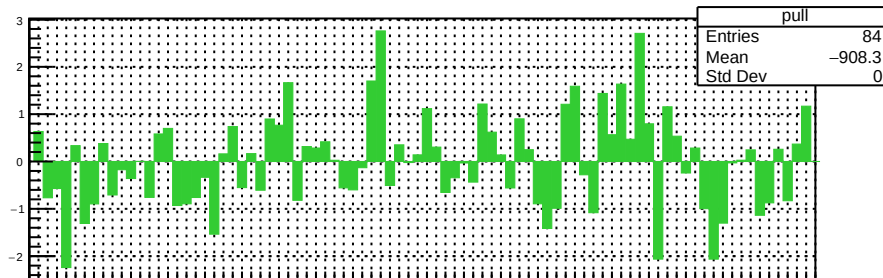
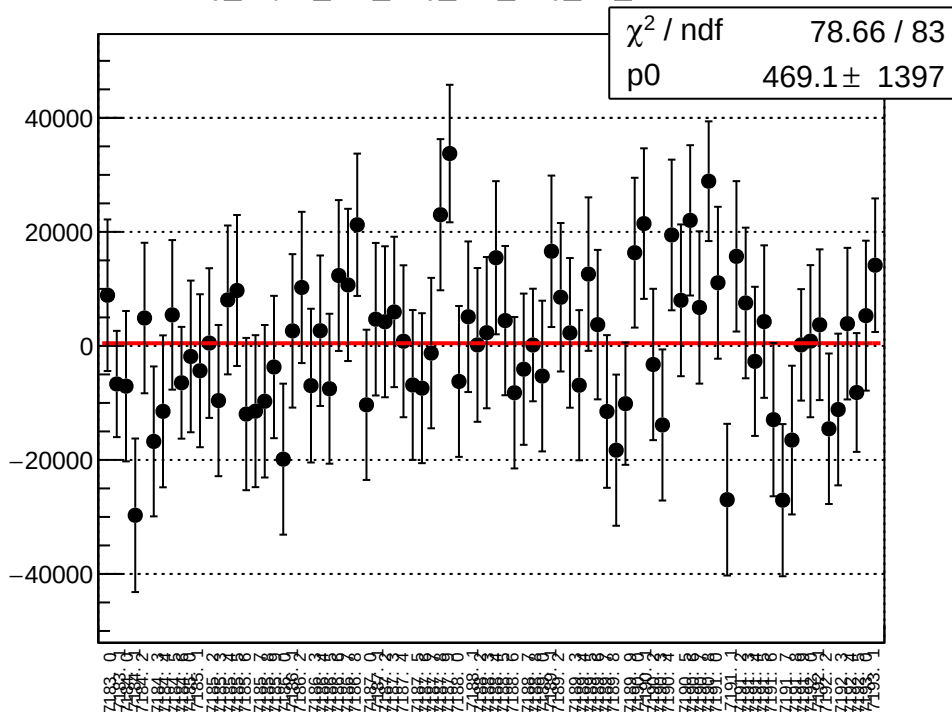
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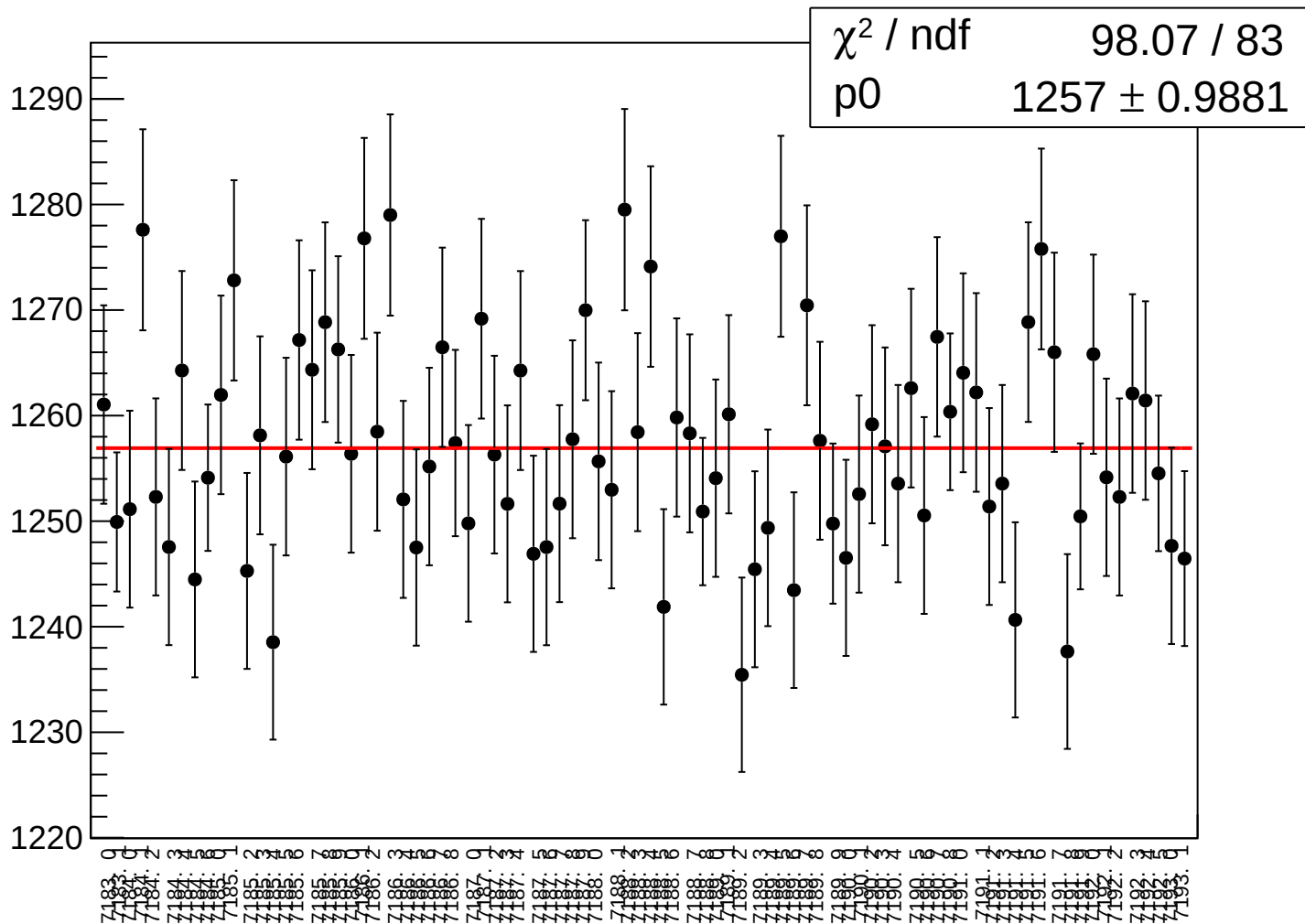
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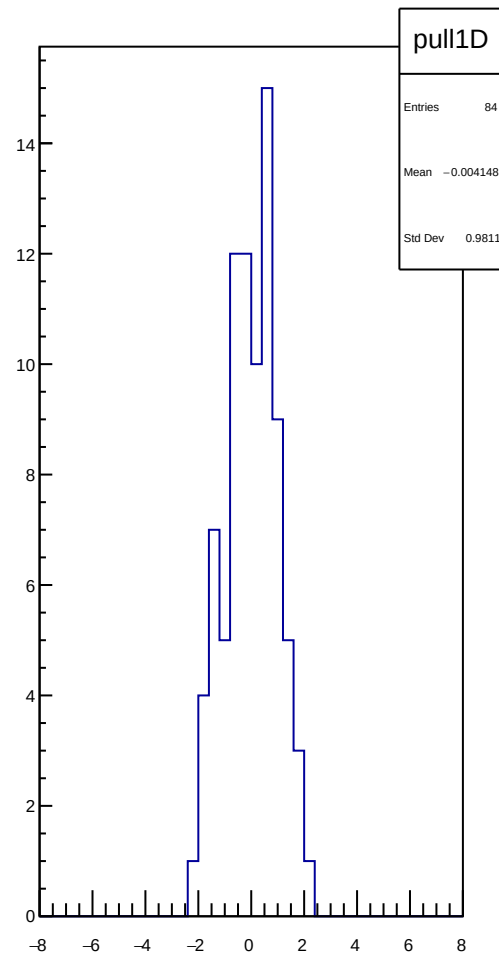
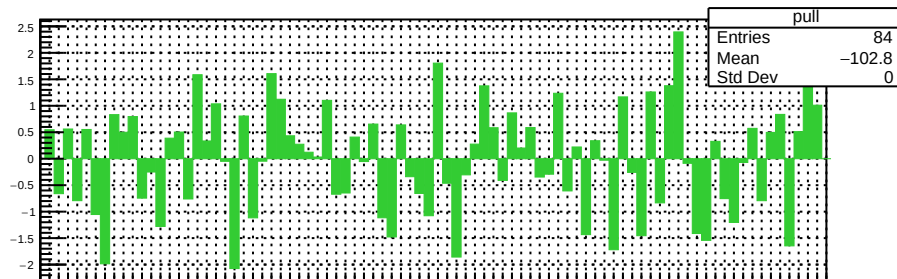
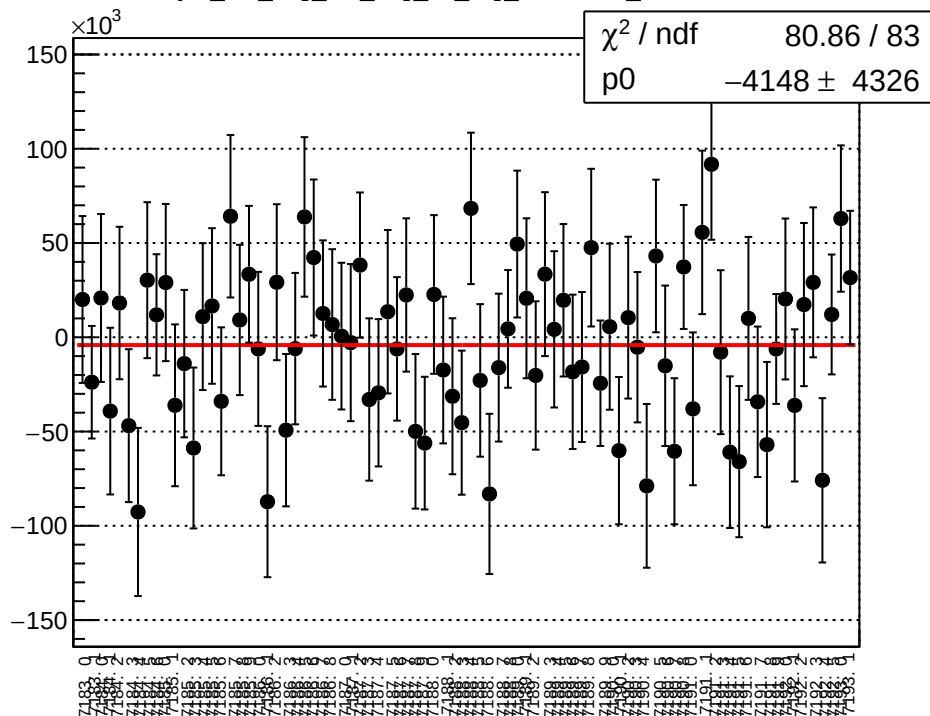
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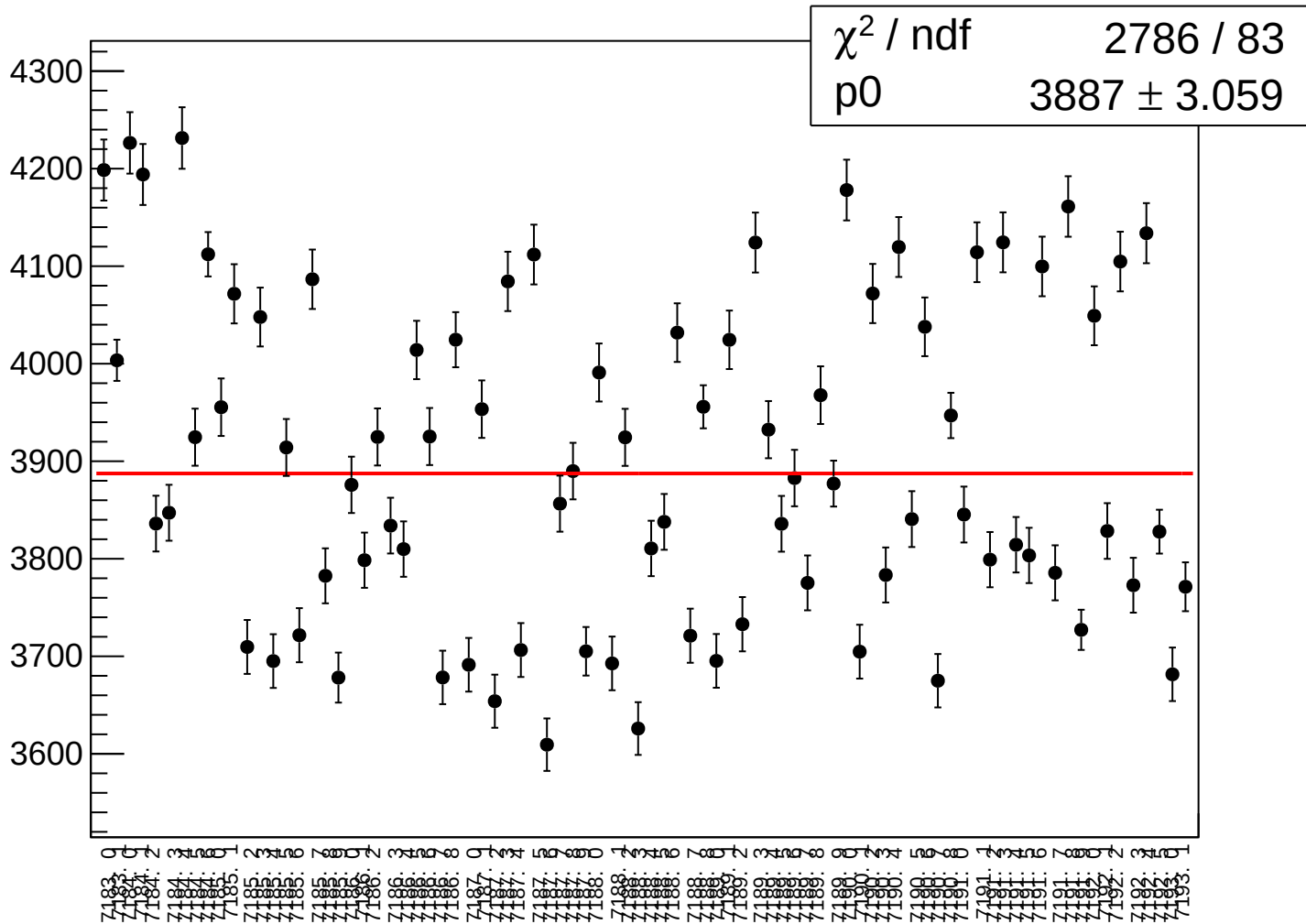
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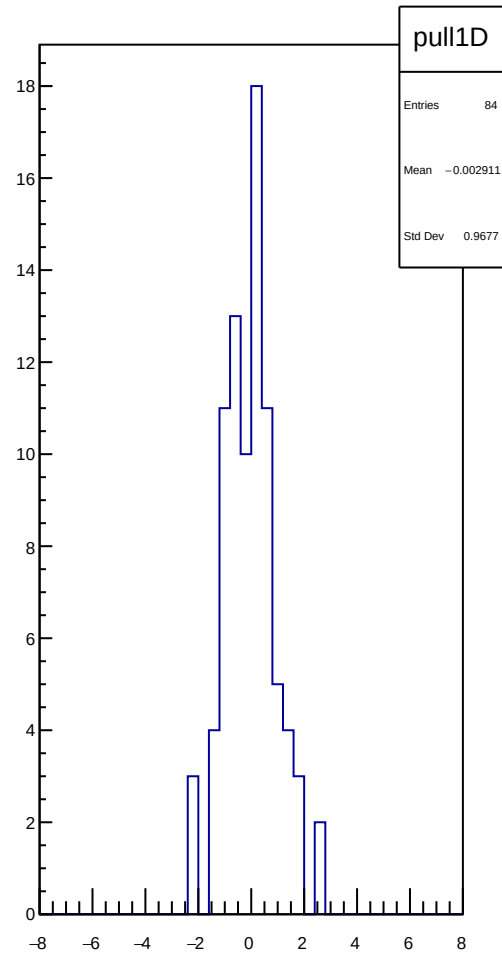
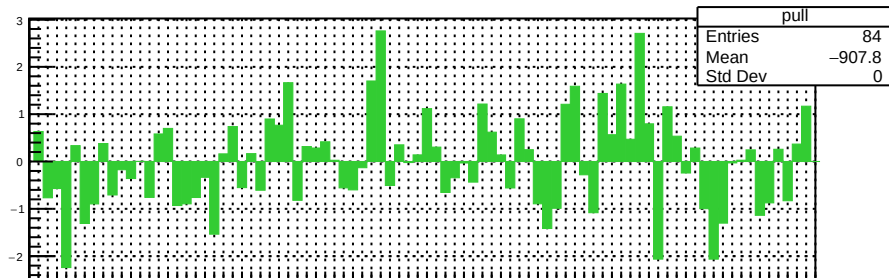
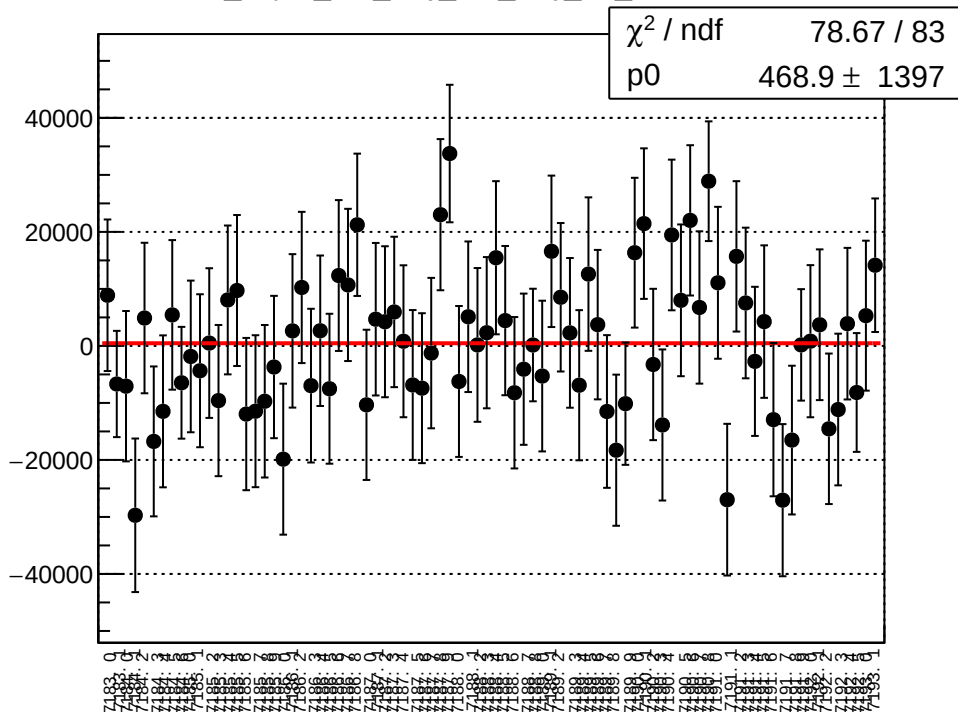
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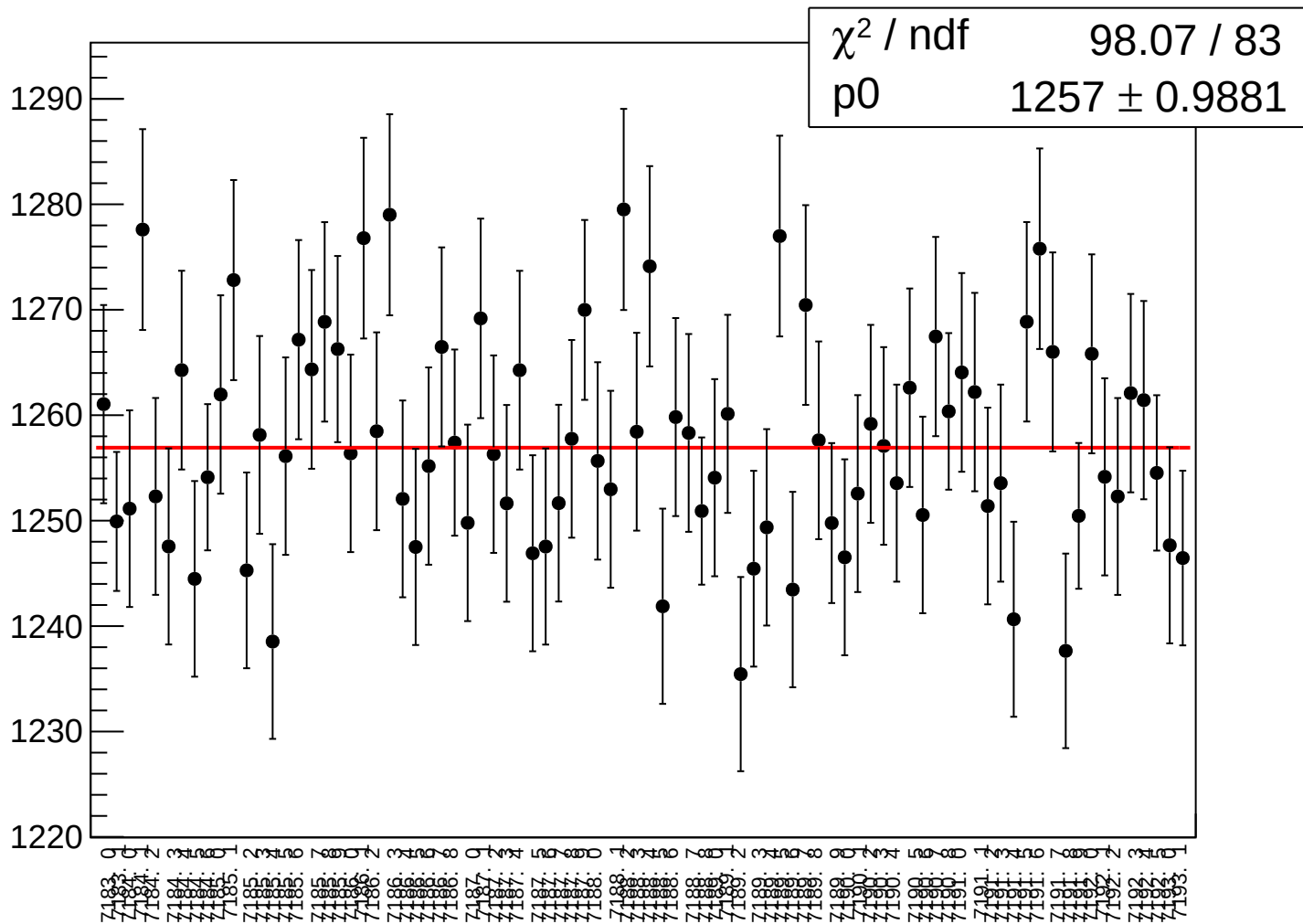
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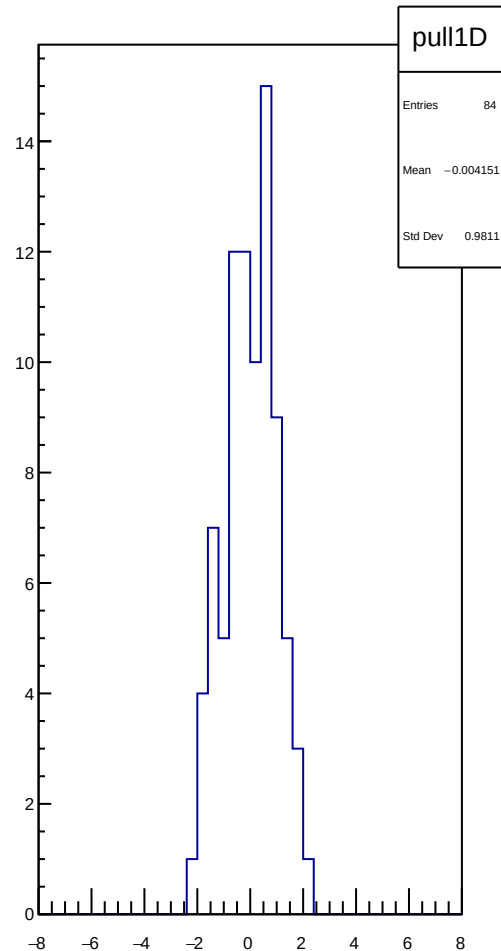
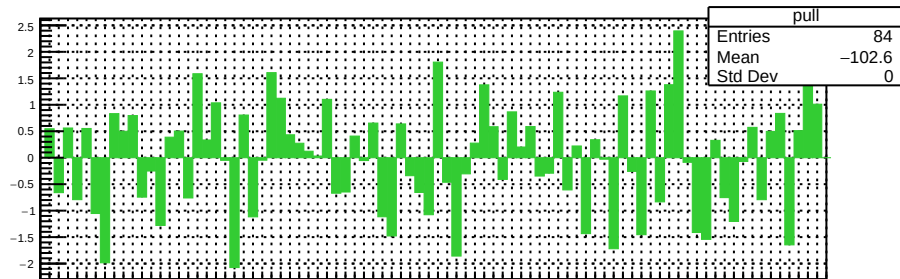
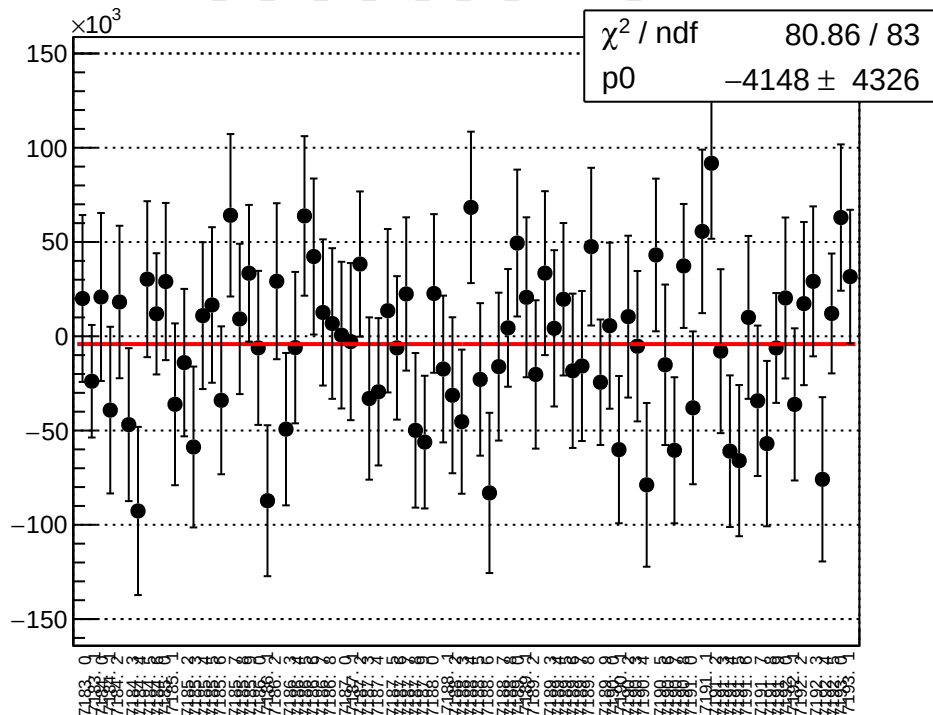
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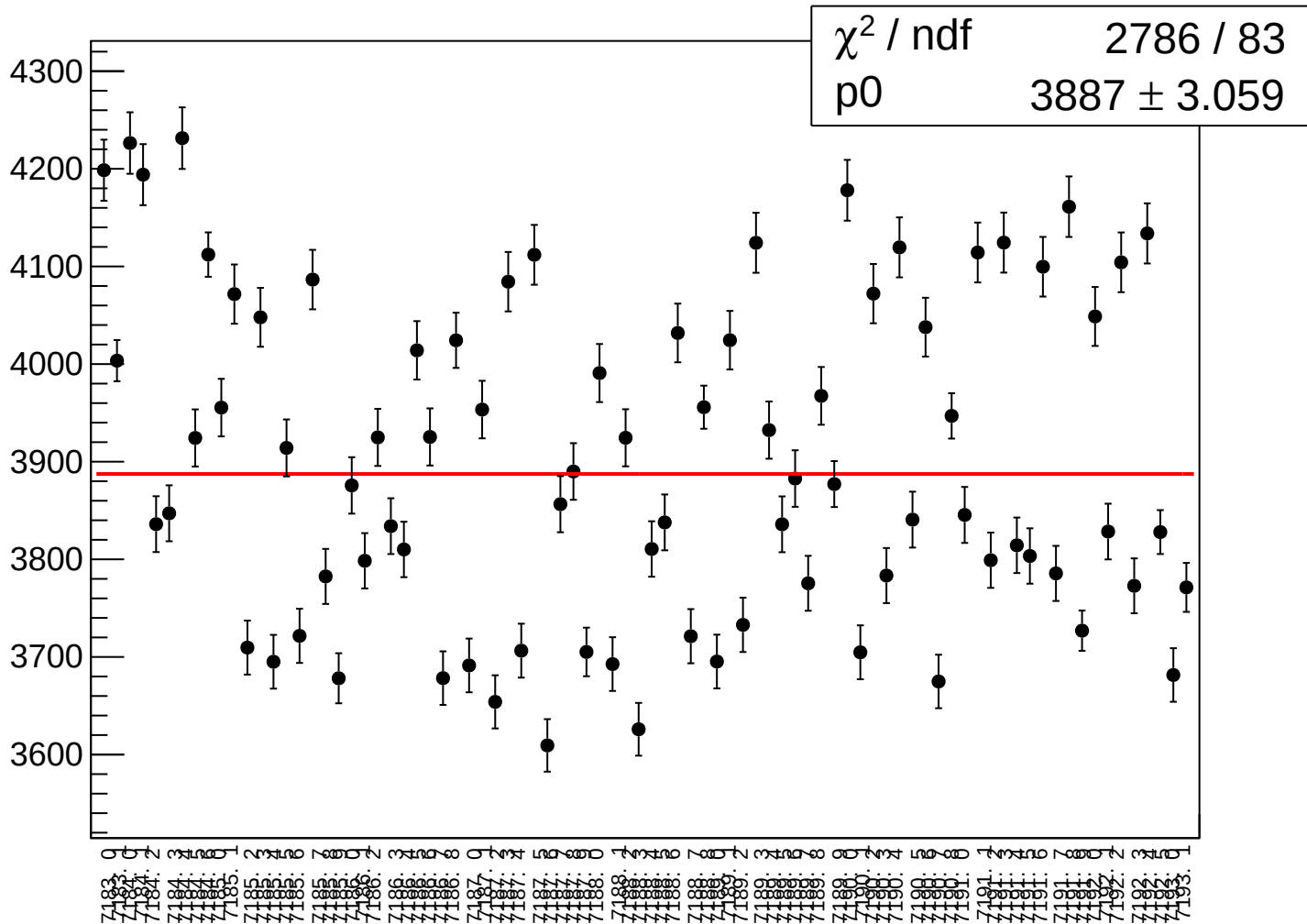
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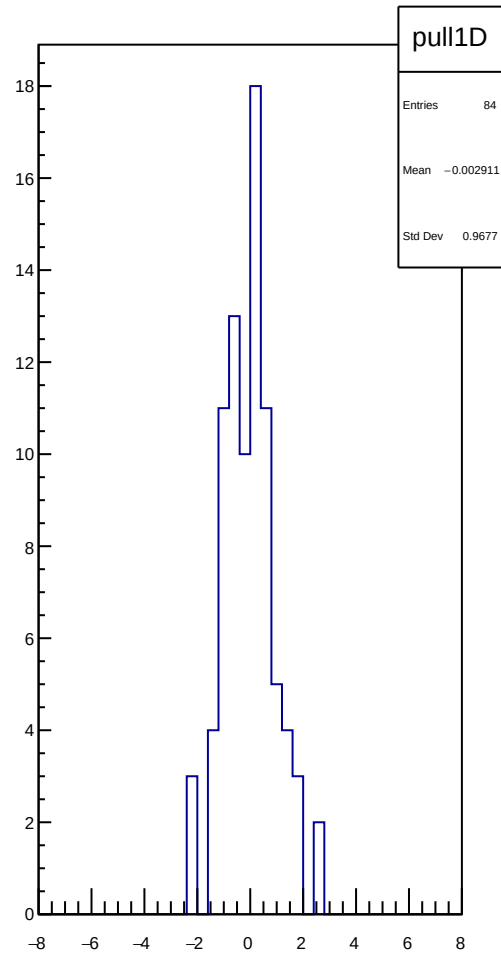
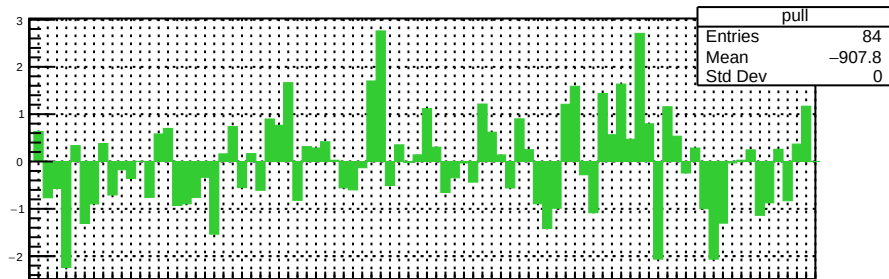
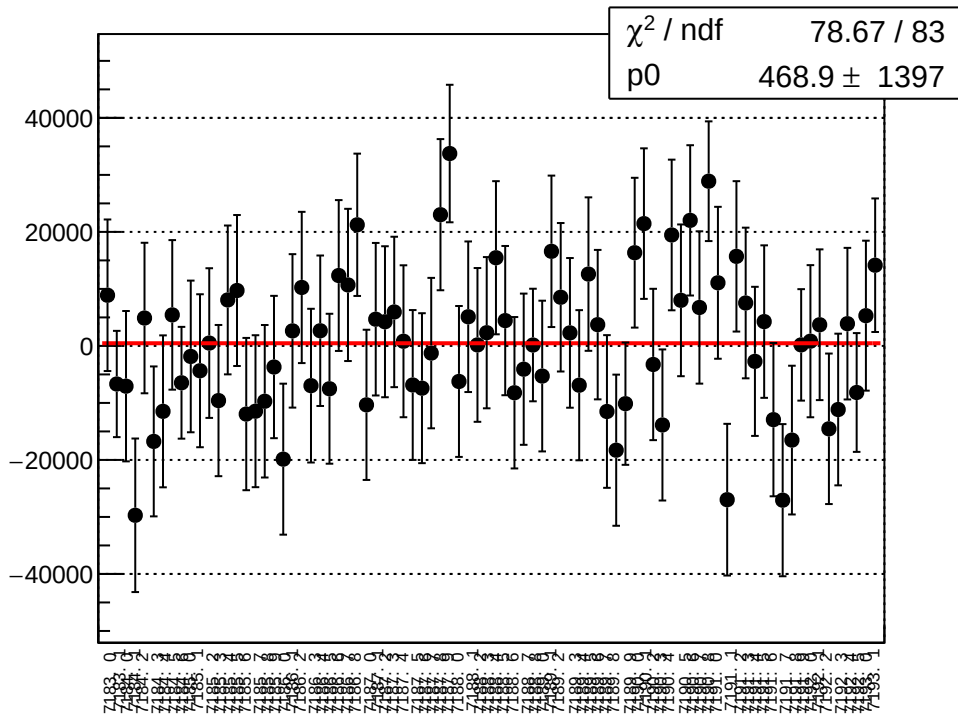
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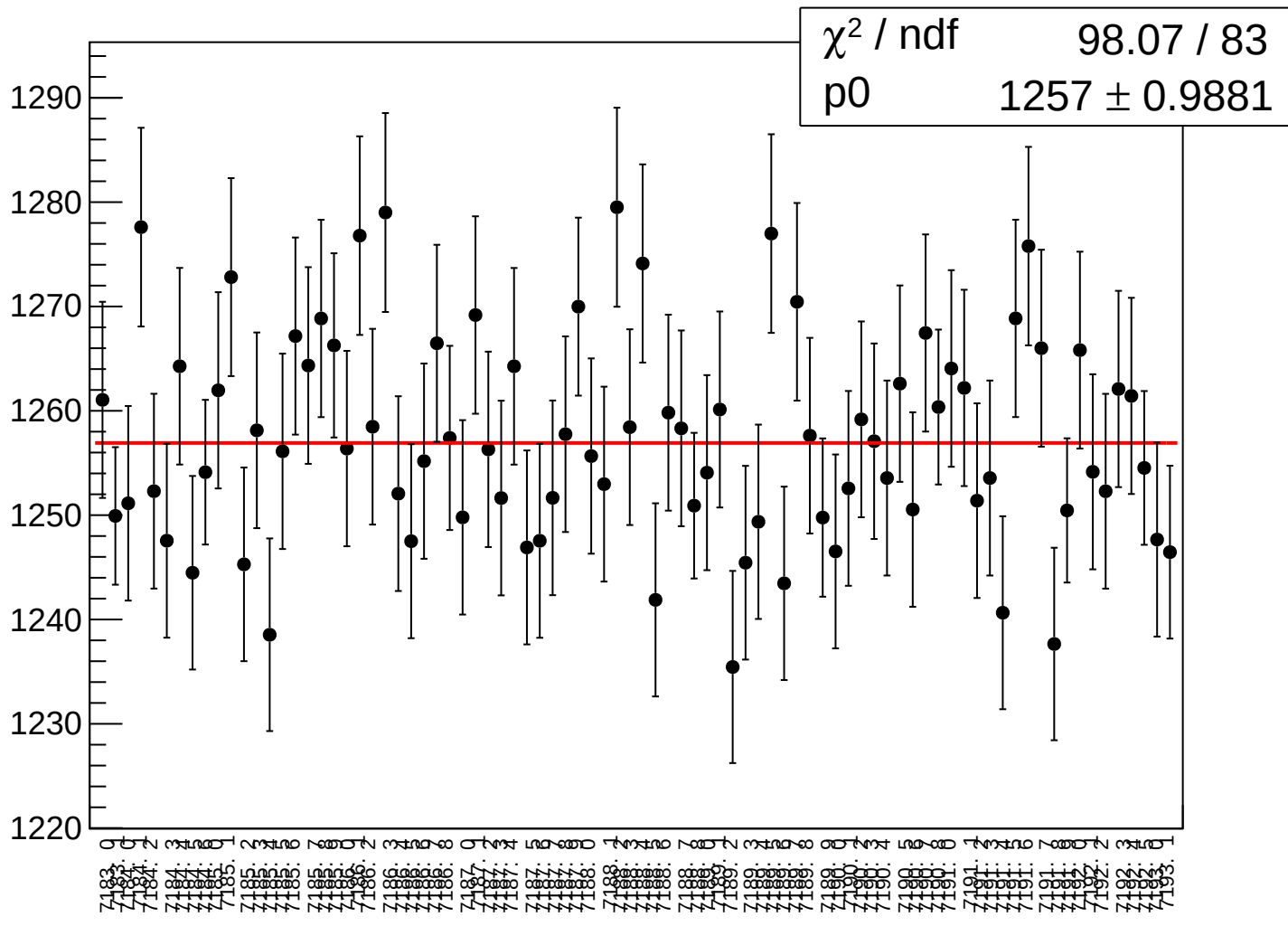
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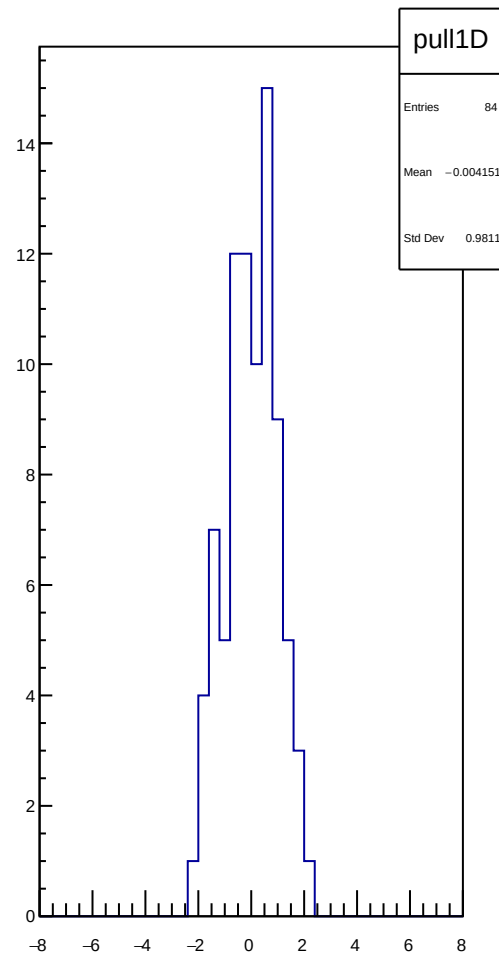
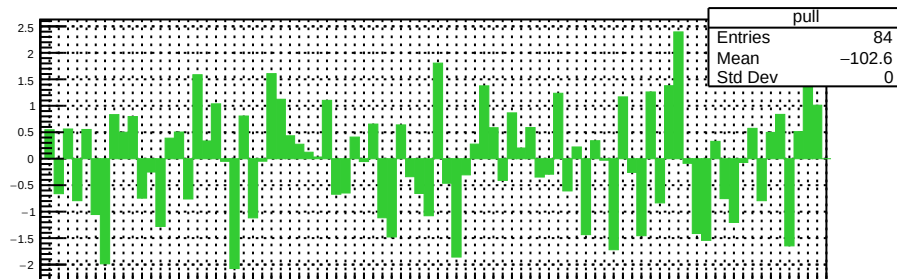
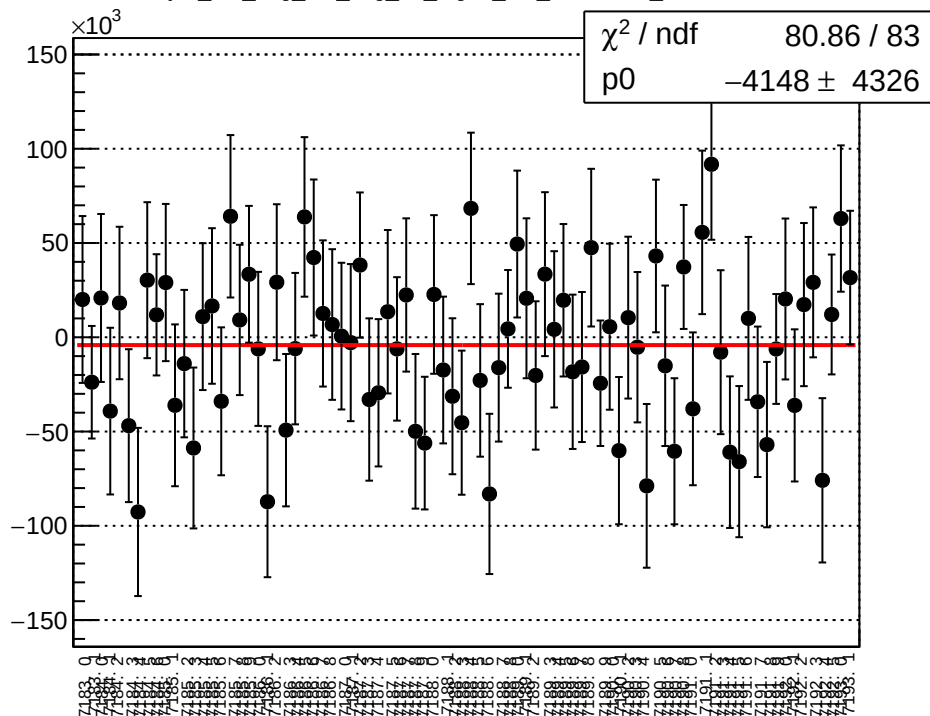
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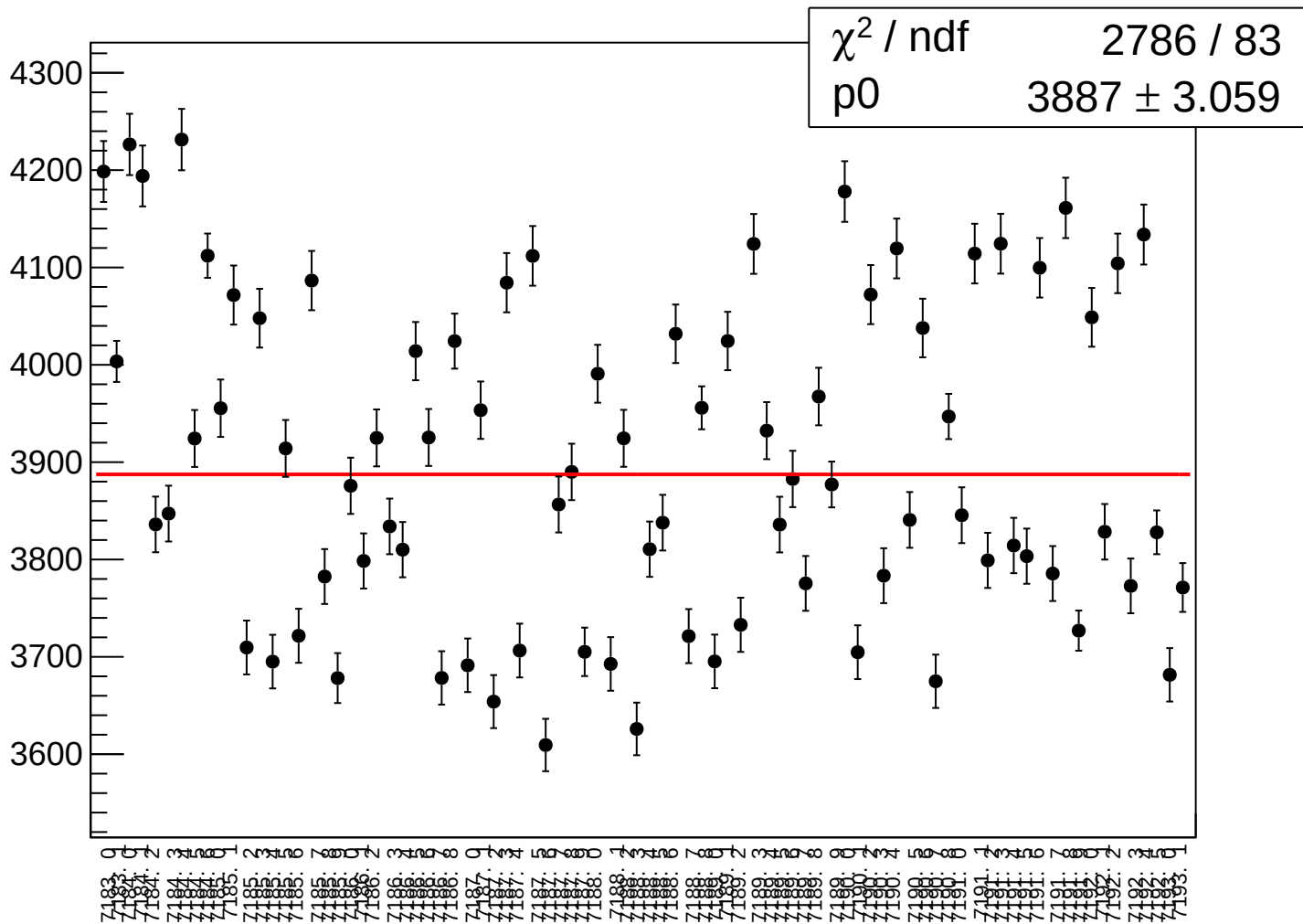
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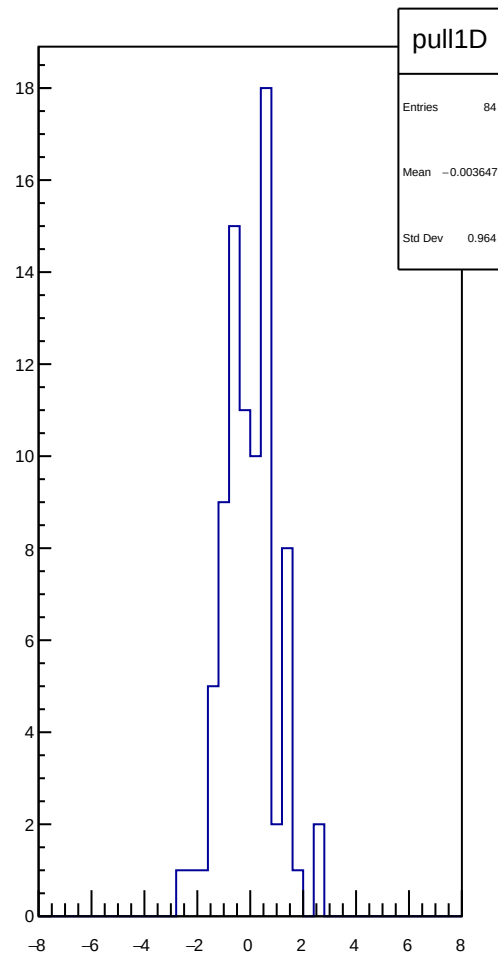
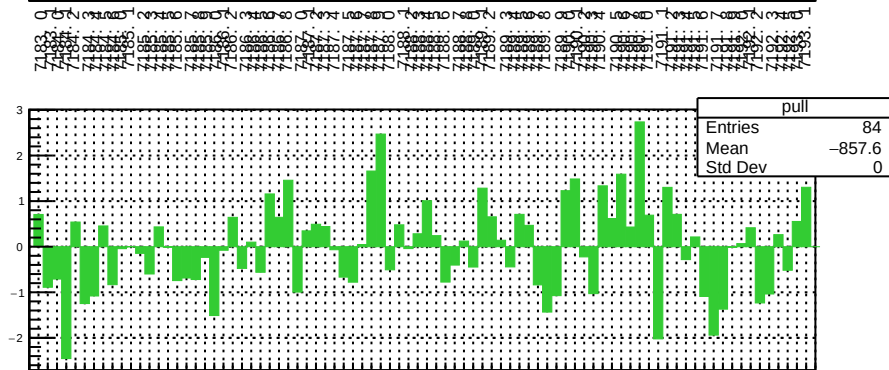
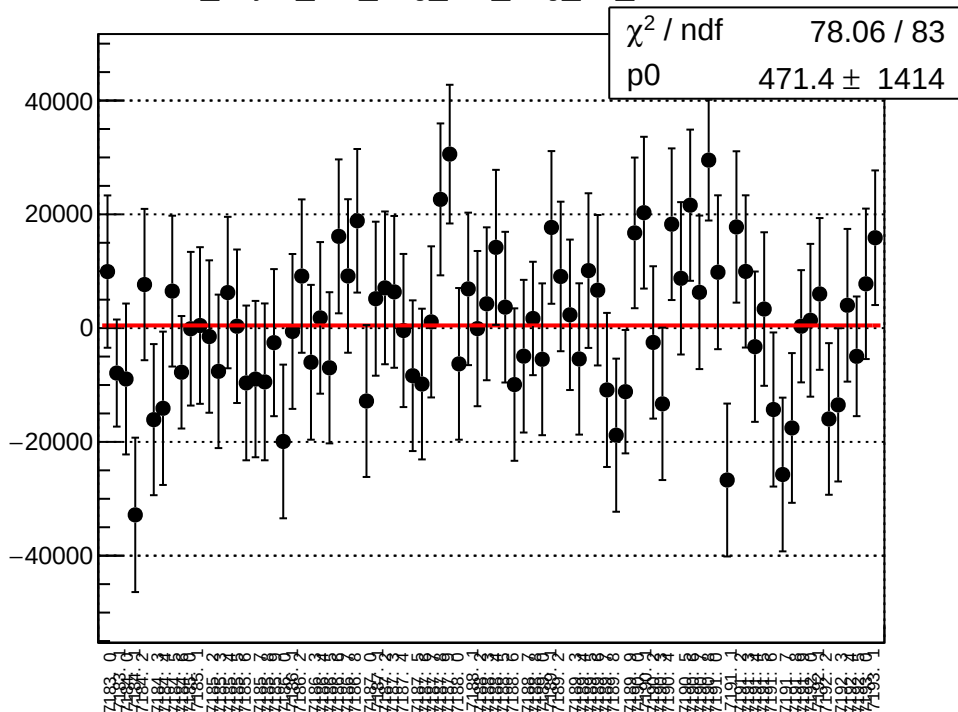
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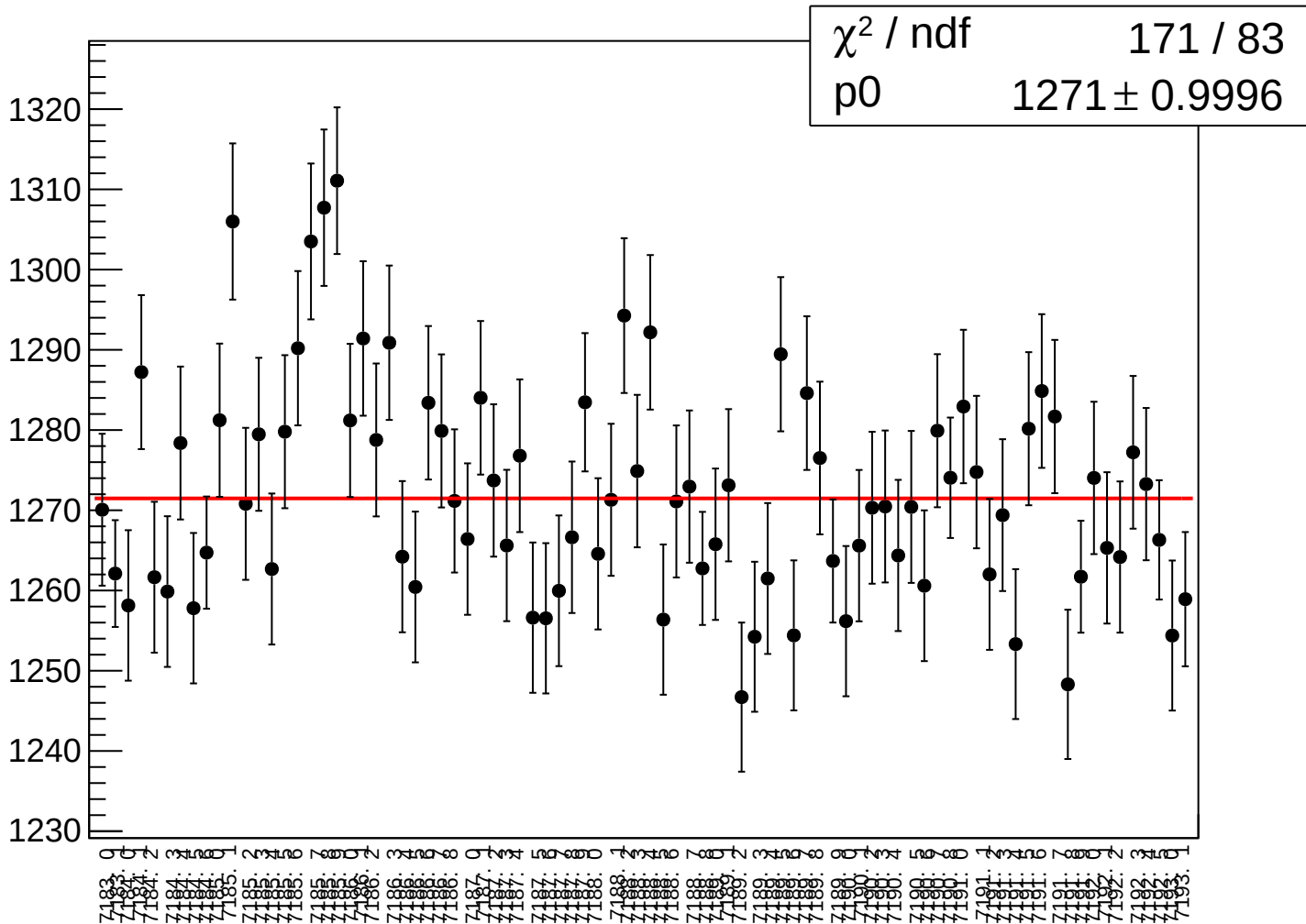
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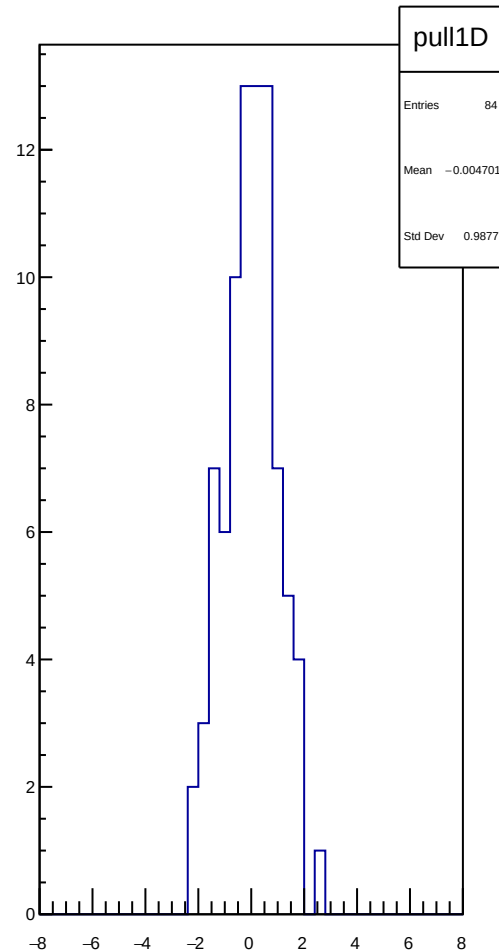
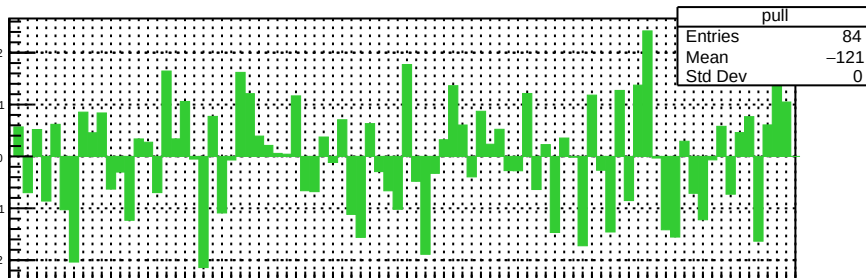
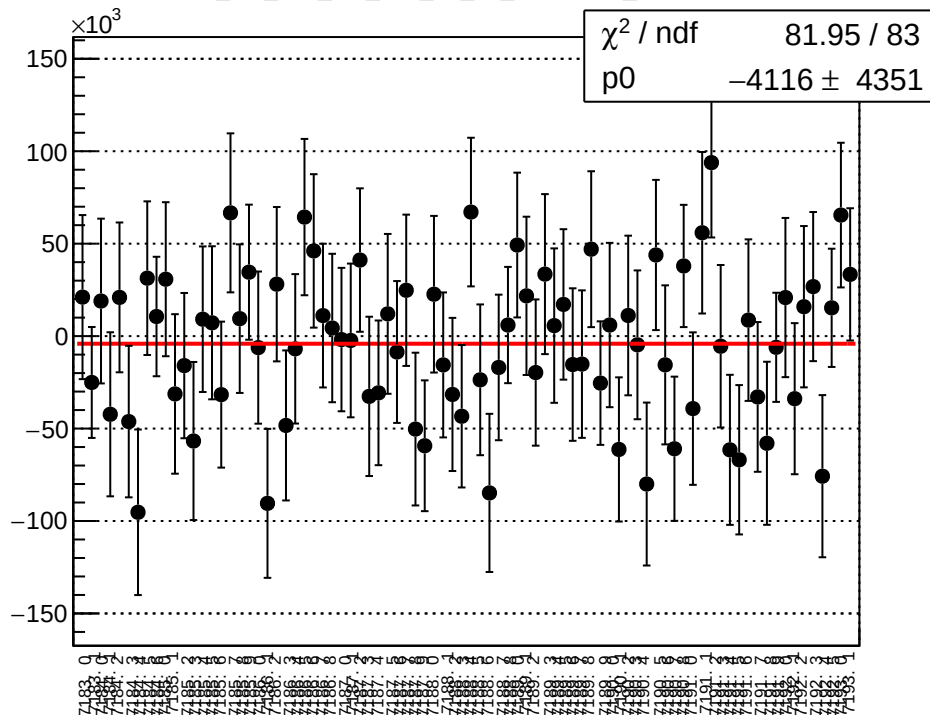
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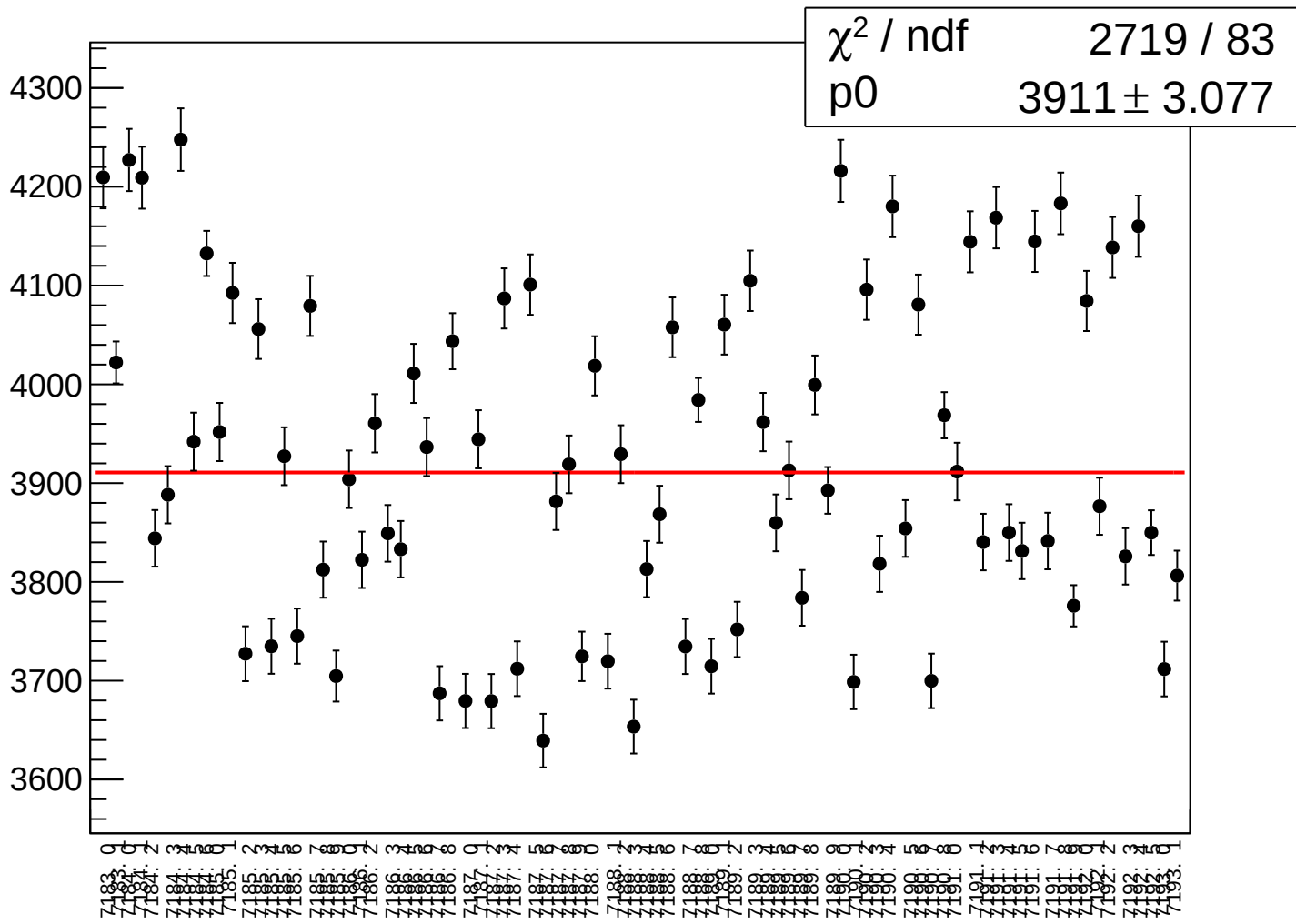
dit_asym_at1_avg_at2_avg_dd_rms vs run



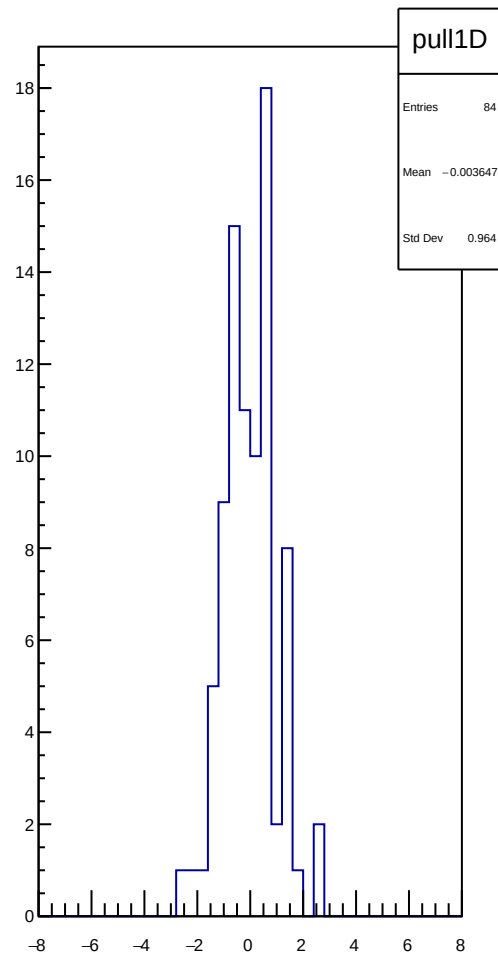
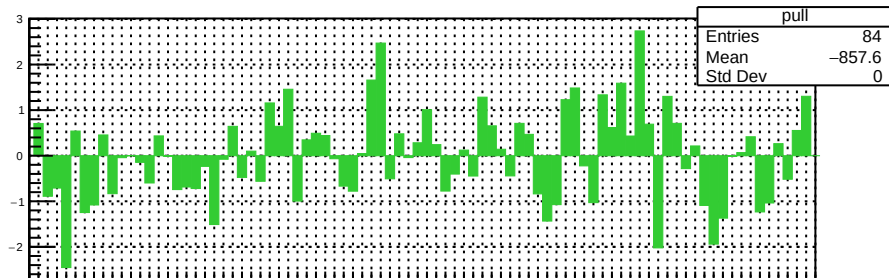
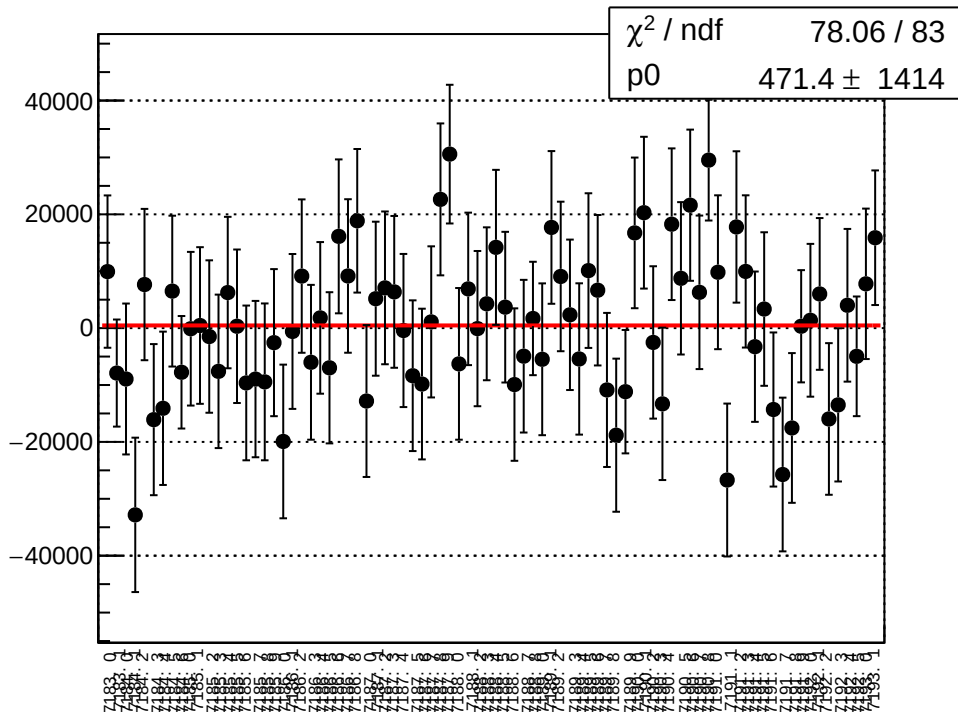
asym_at1_avg_at2_avg_dd_dit_correction_mean vs run



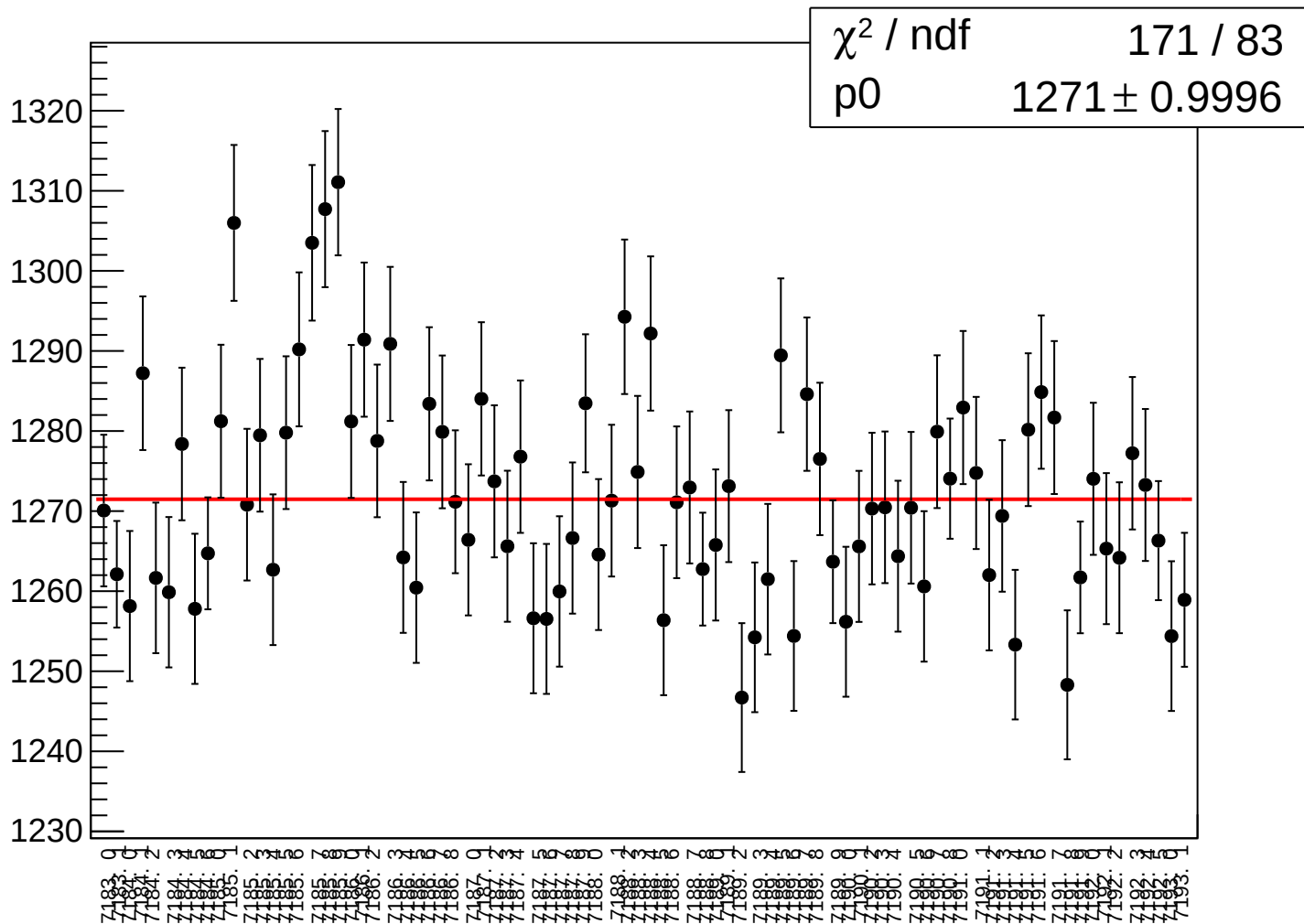
asym_at1_avg_at2_avg_dd_dit_correction_rms vs run



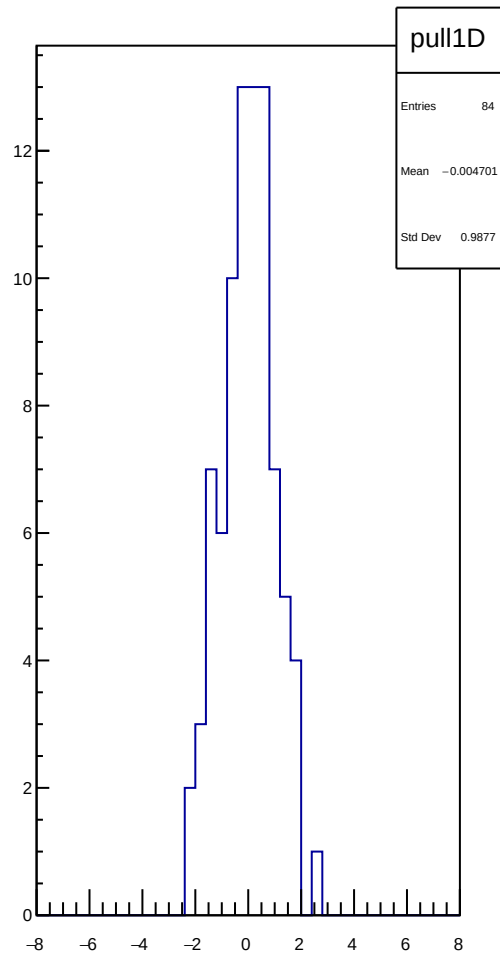
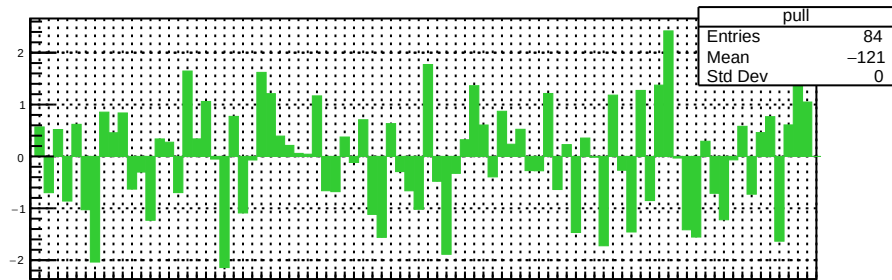
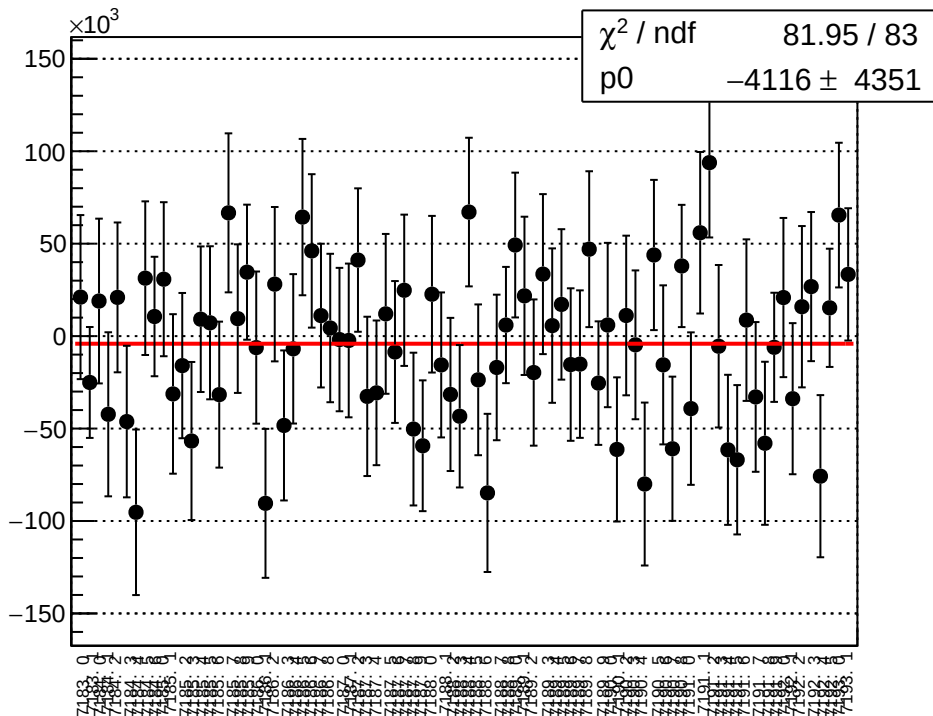
eigen_dit_asym_at1_avg_at2_avg_dd_mean vs run



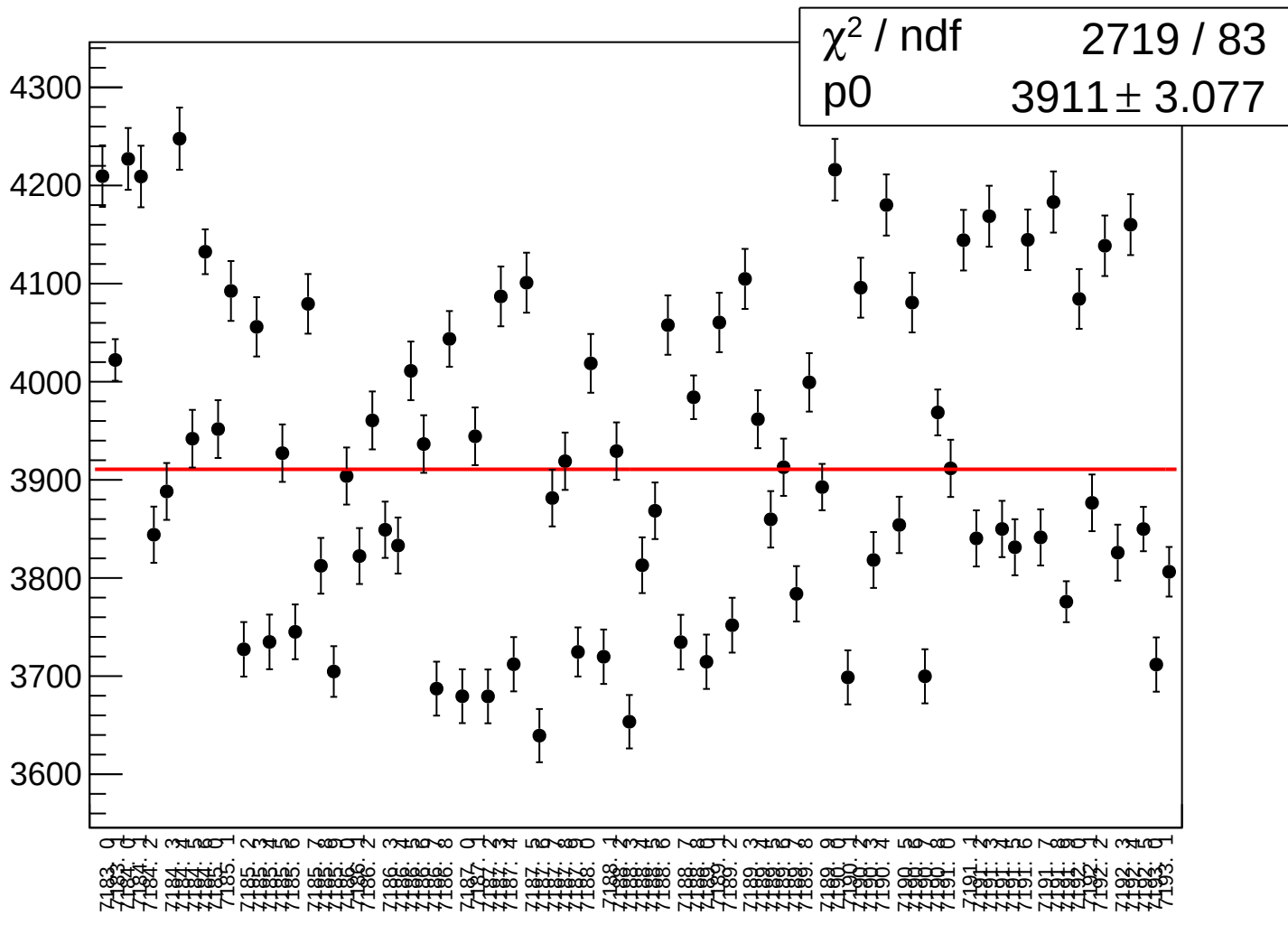
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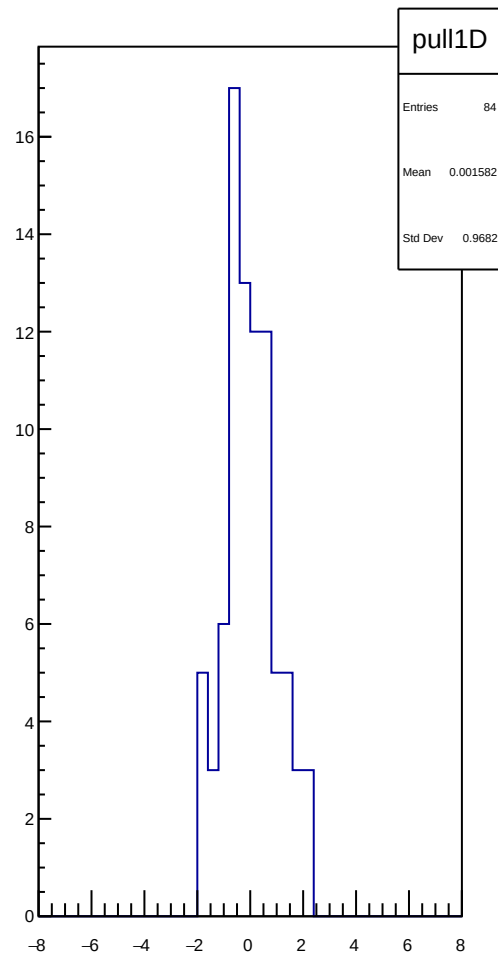
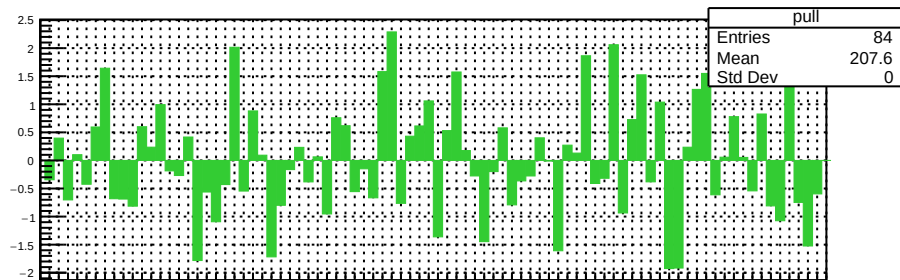
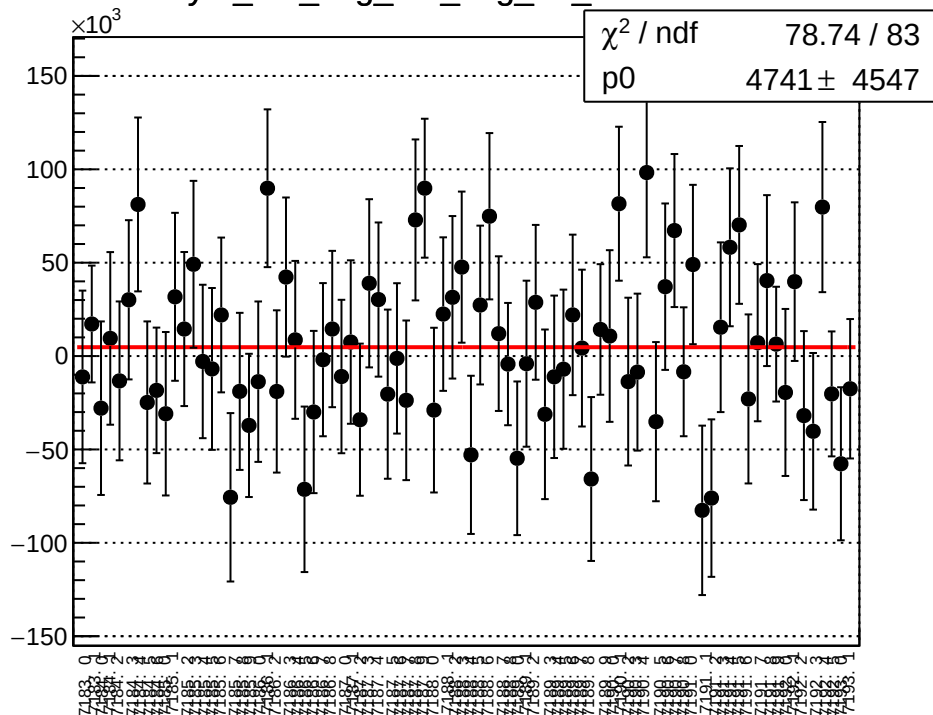
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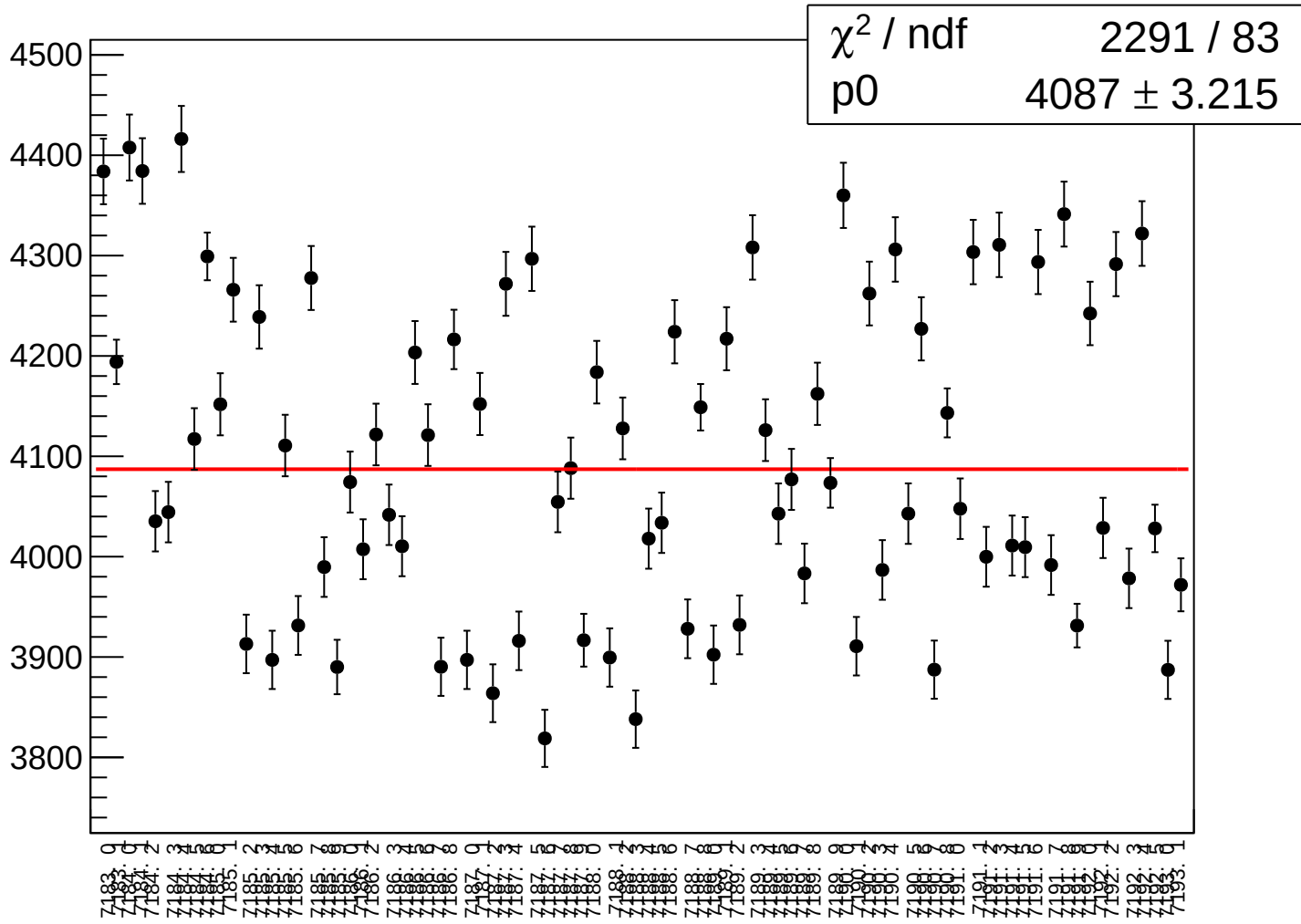
asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs run



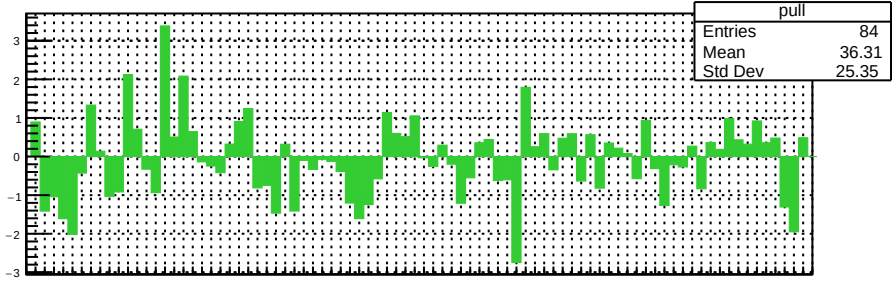
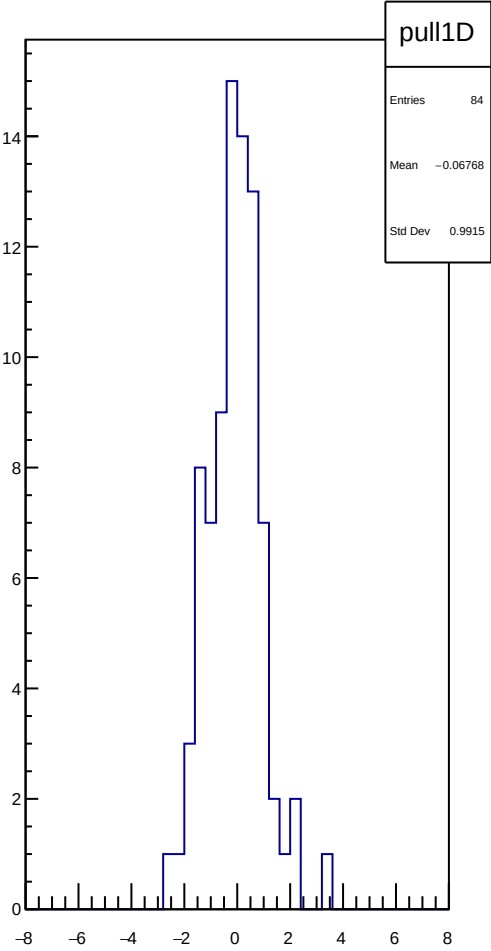
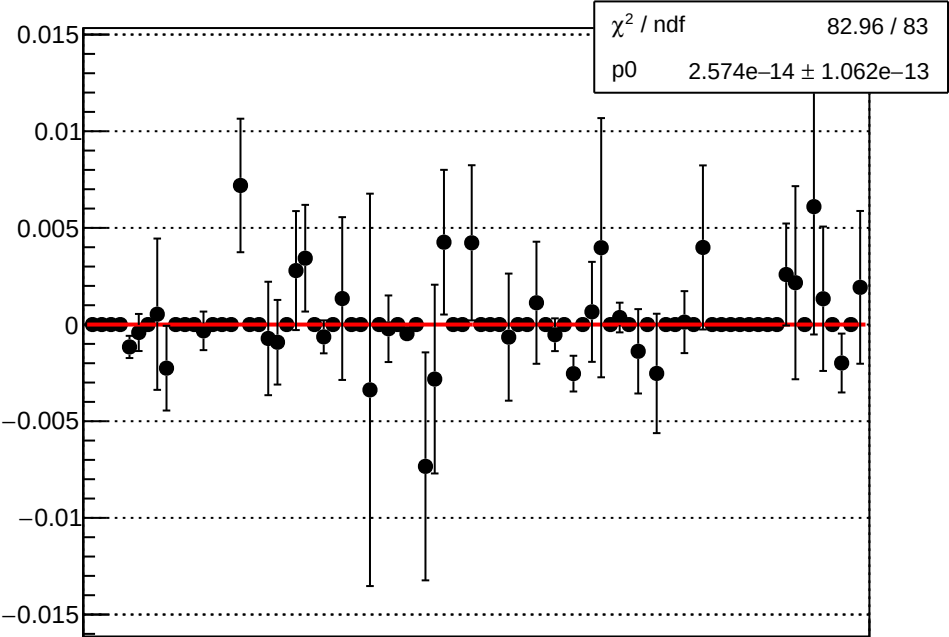
asym_at1_avg_at2_avg_dd_mean vs run



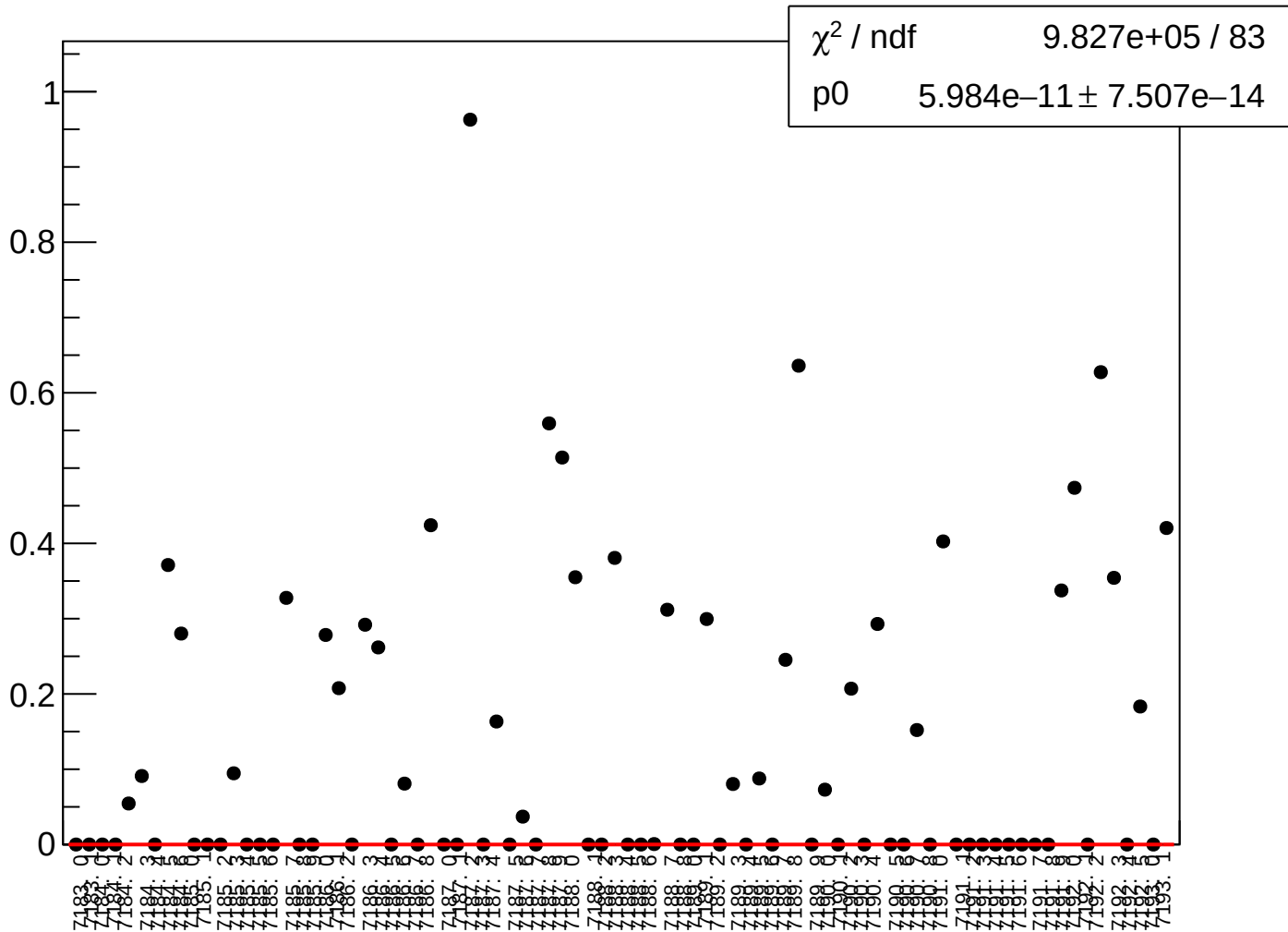
asym_at1_avg_at2_avg_dd_rms vs run



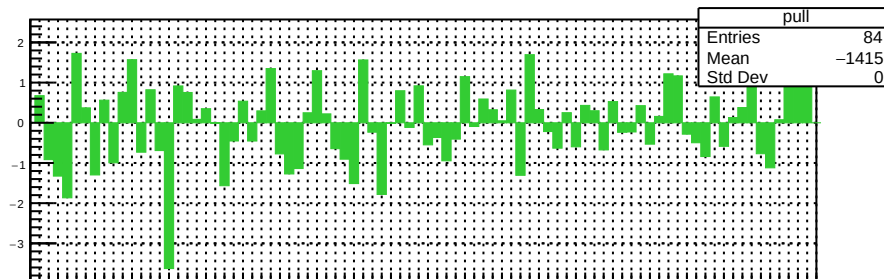
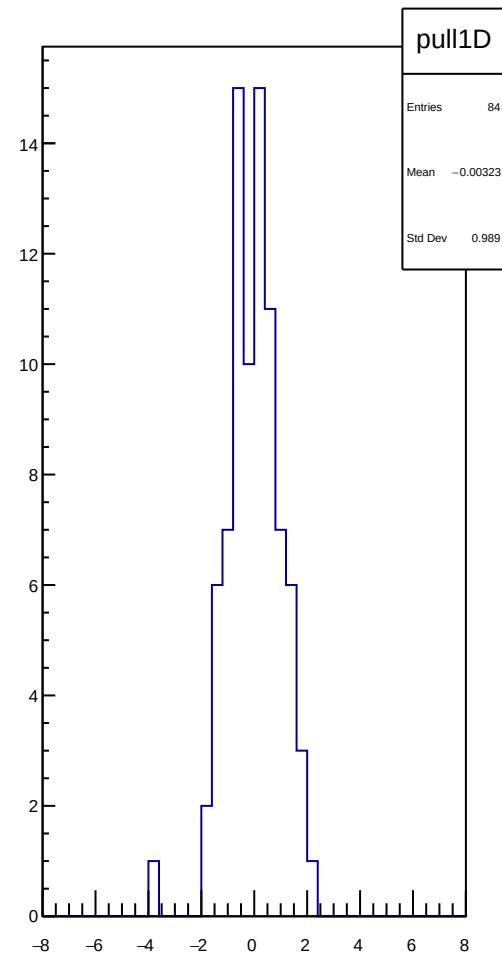
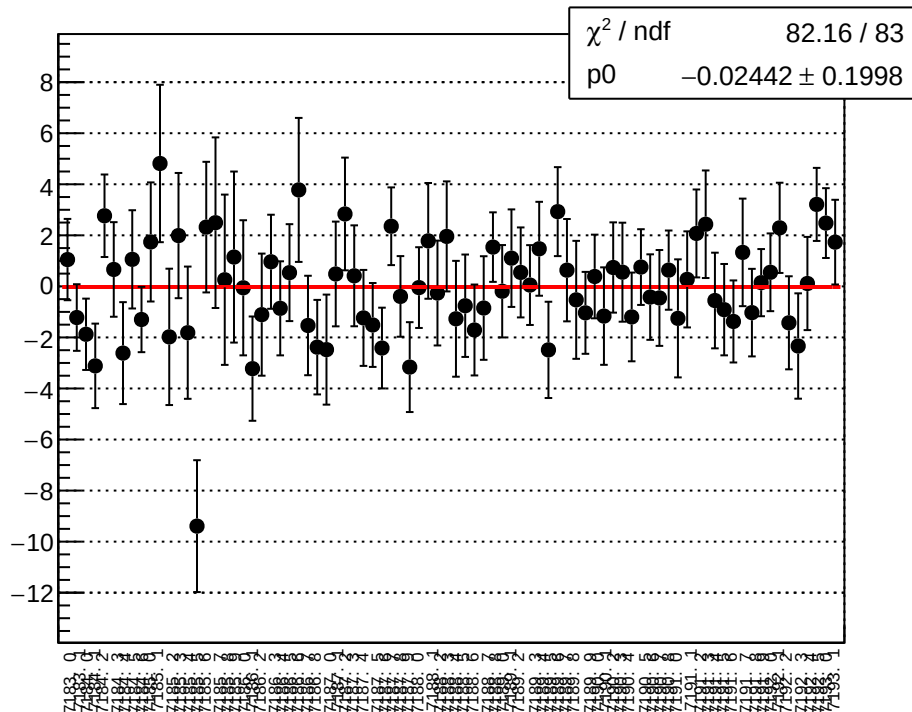
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs run



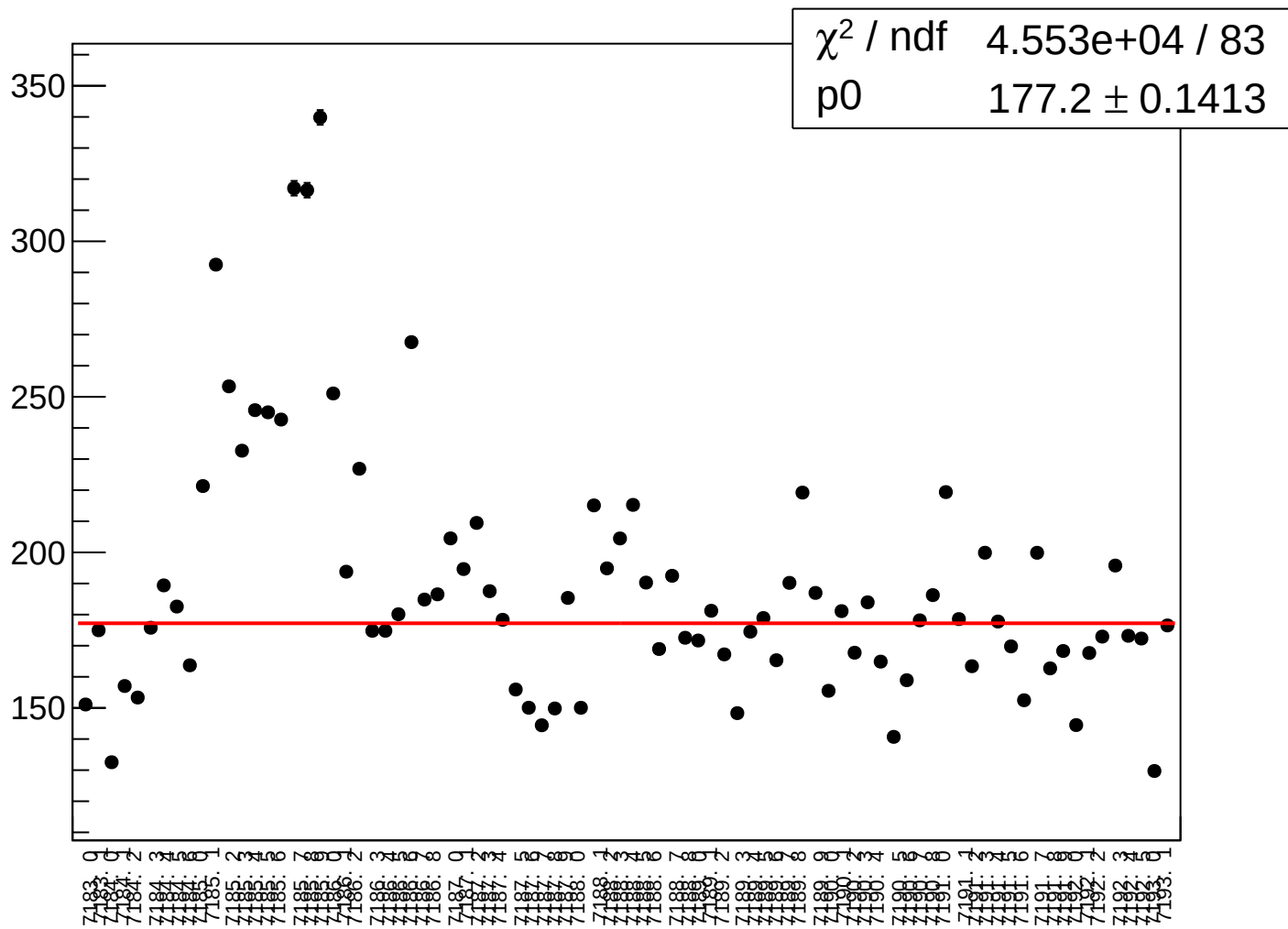
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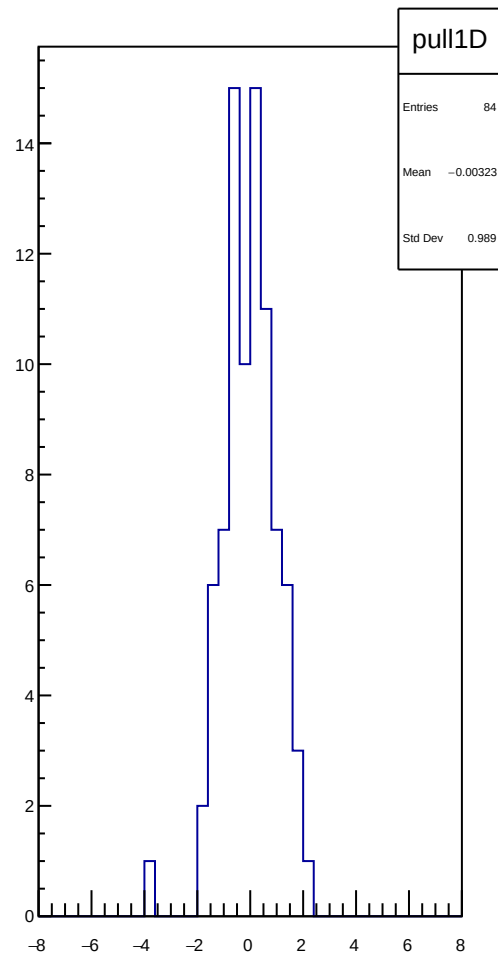
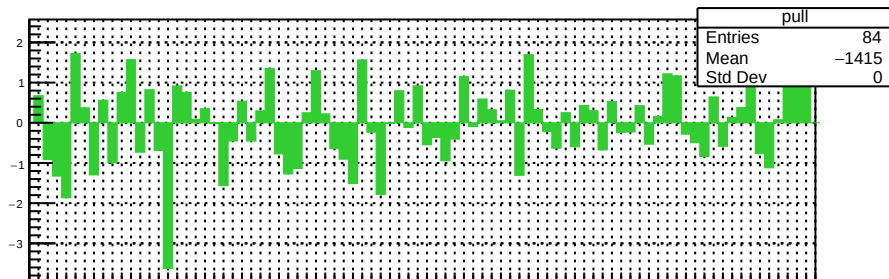
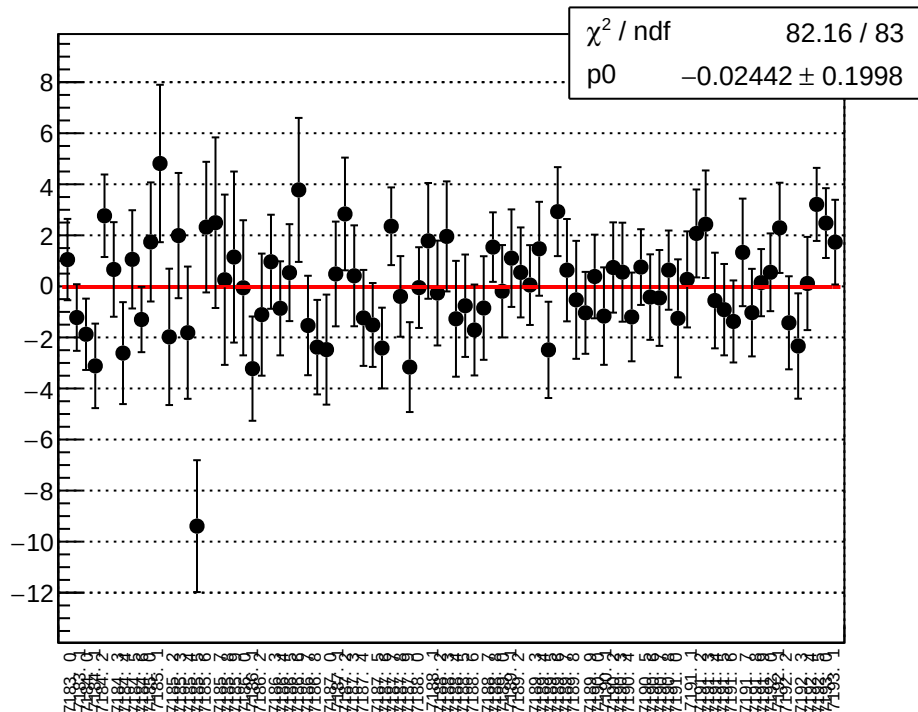
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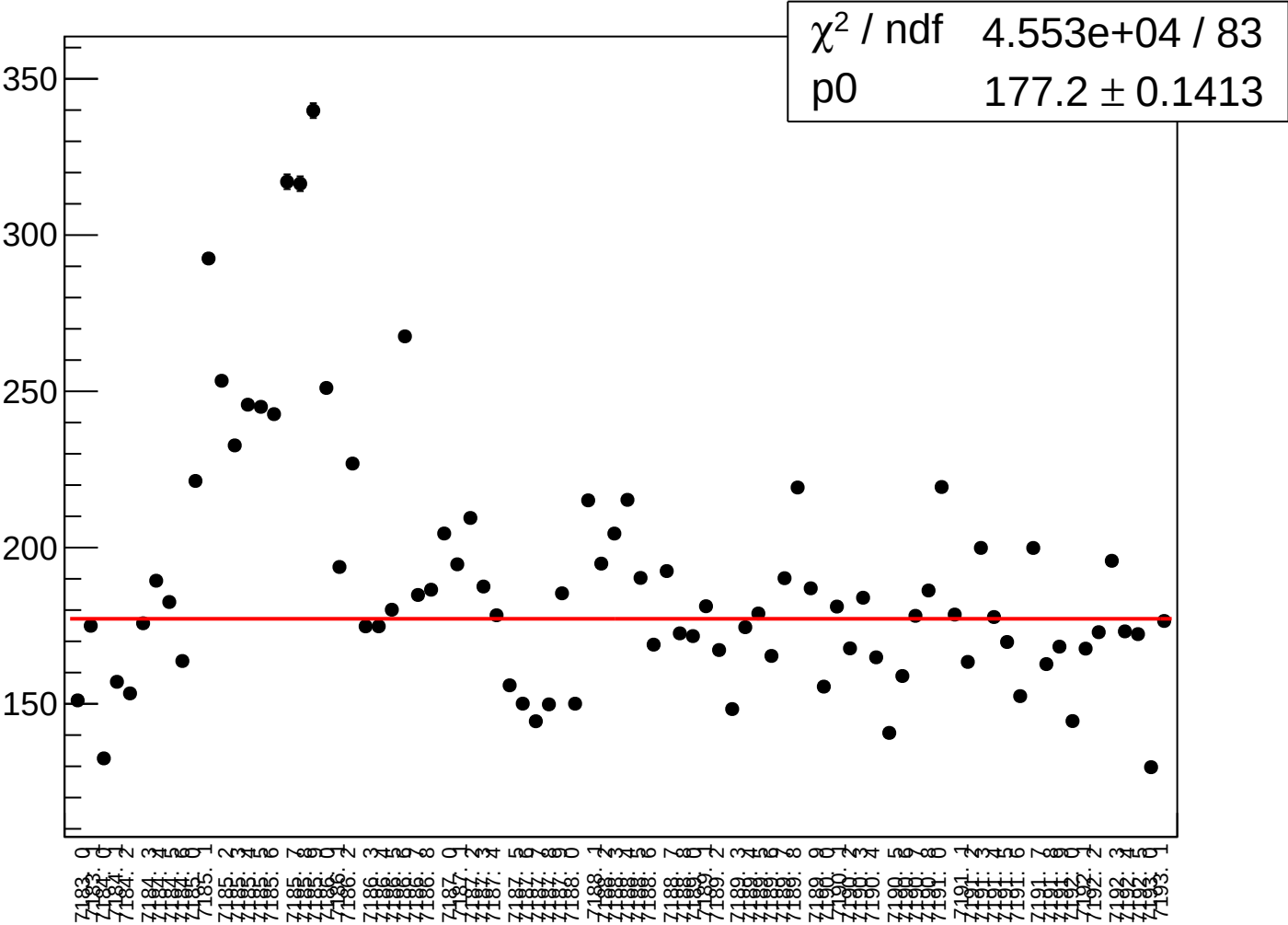
asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs run



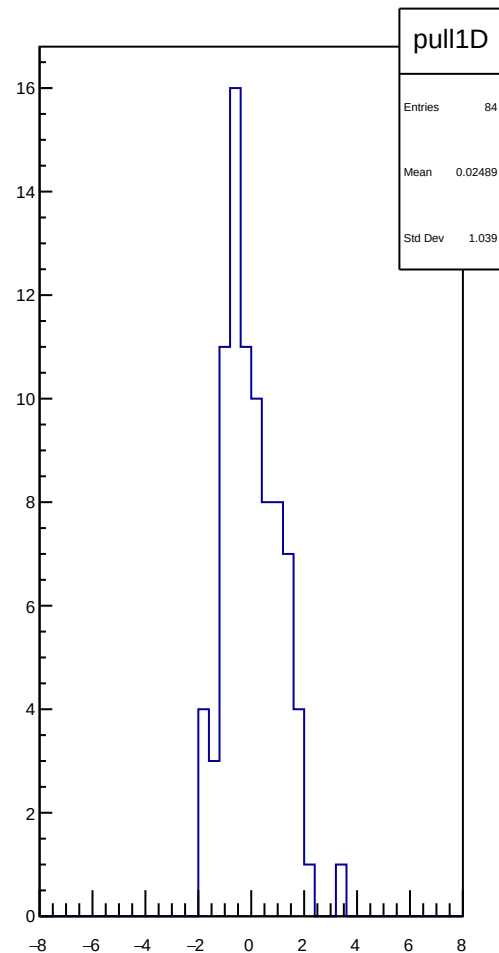
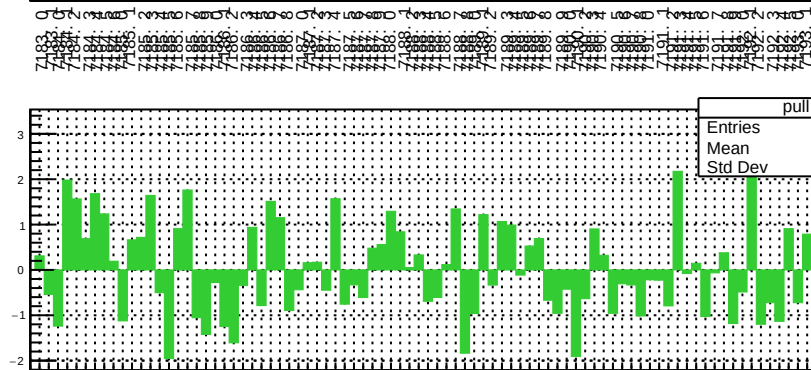
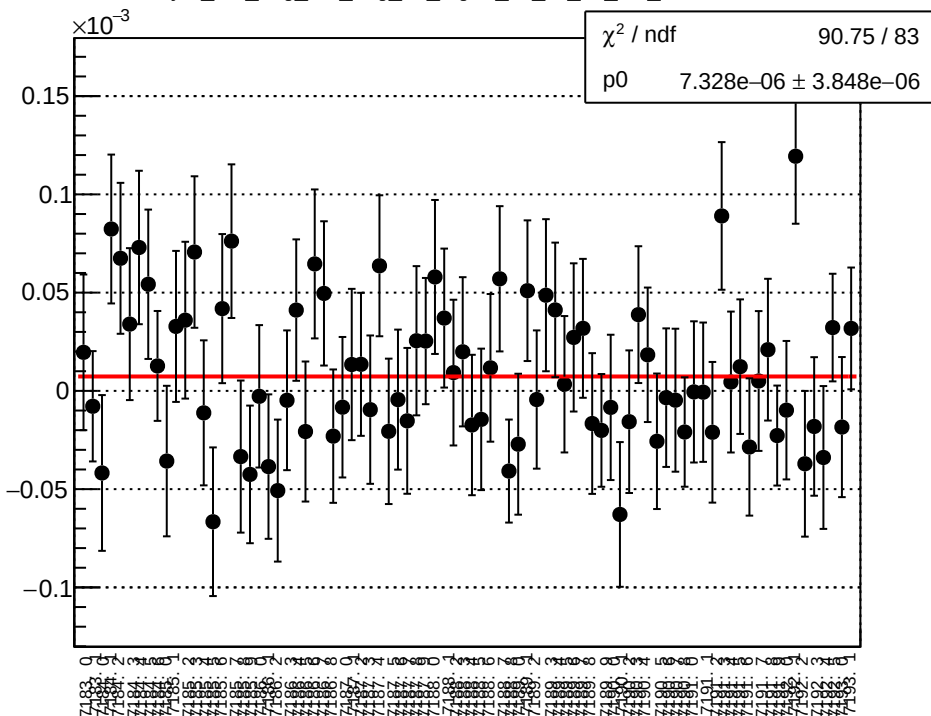
asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs run



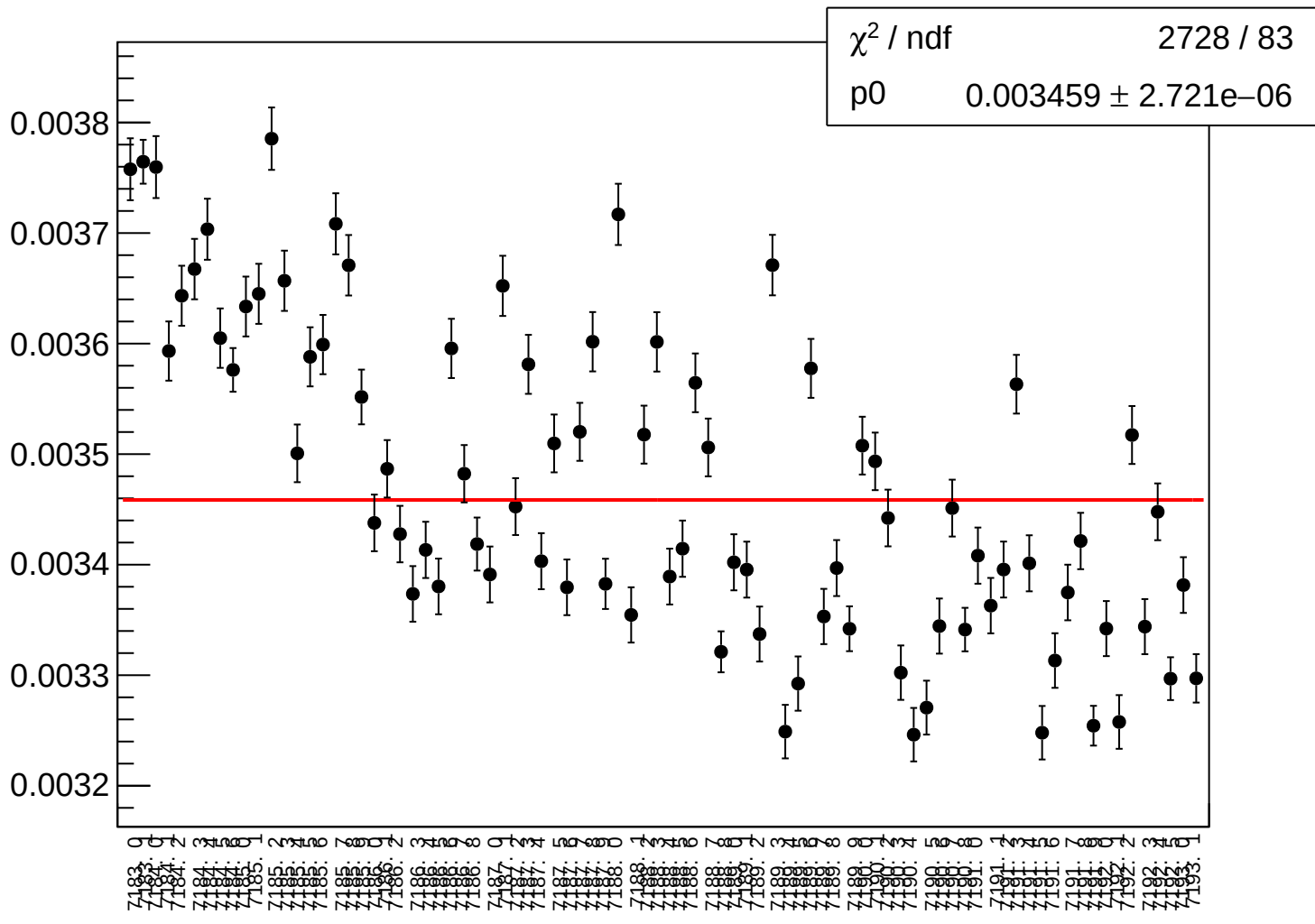
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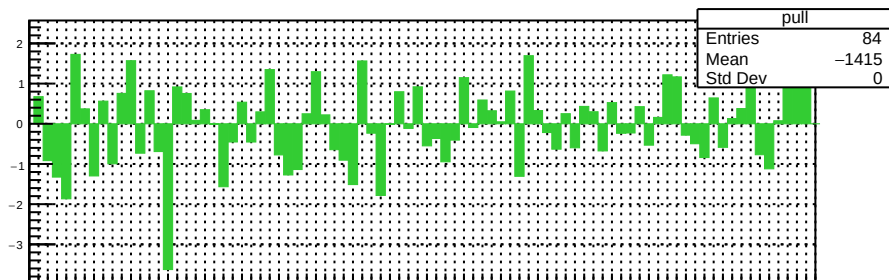
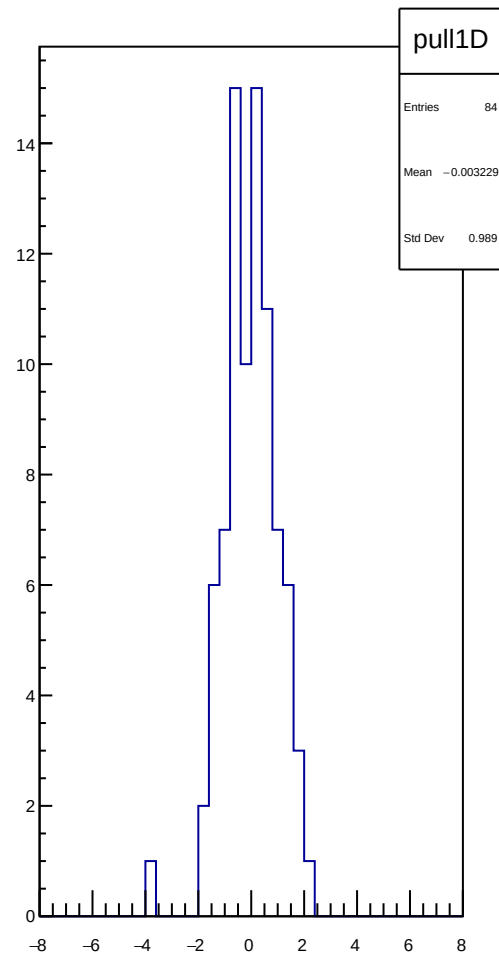
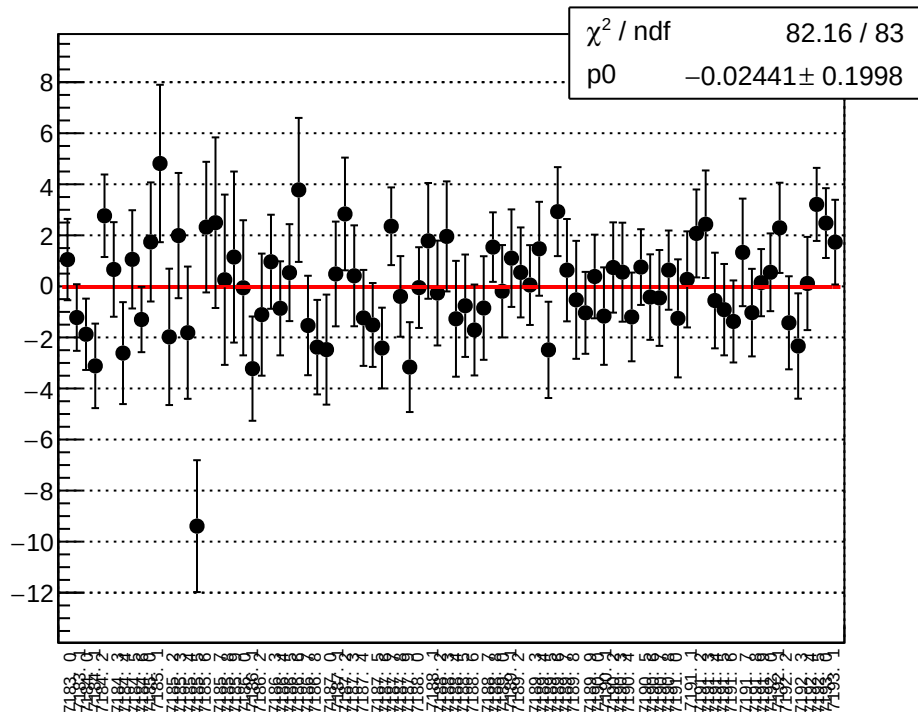
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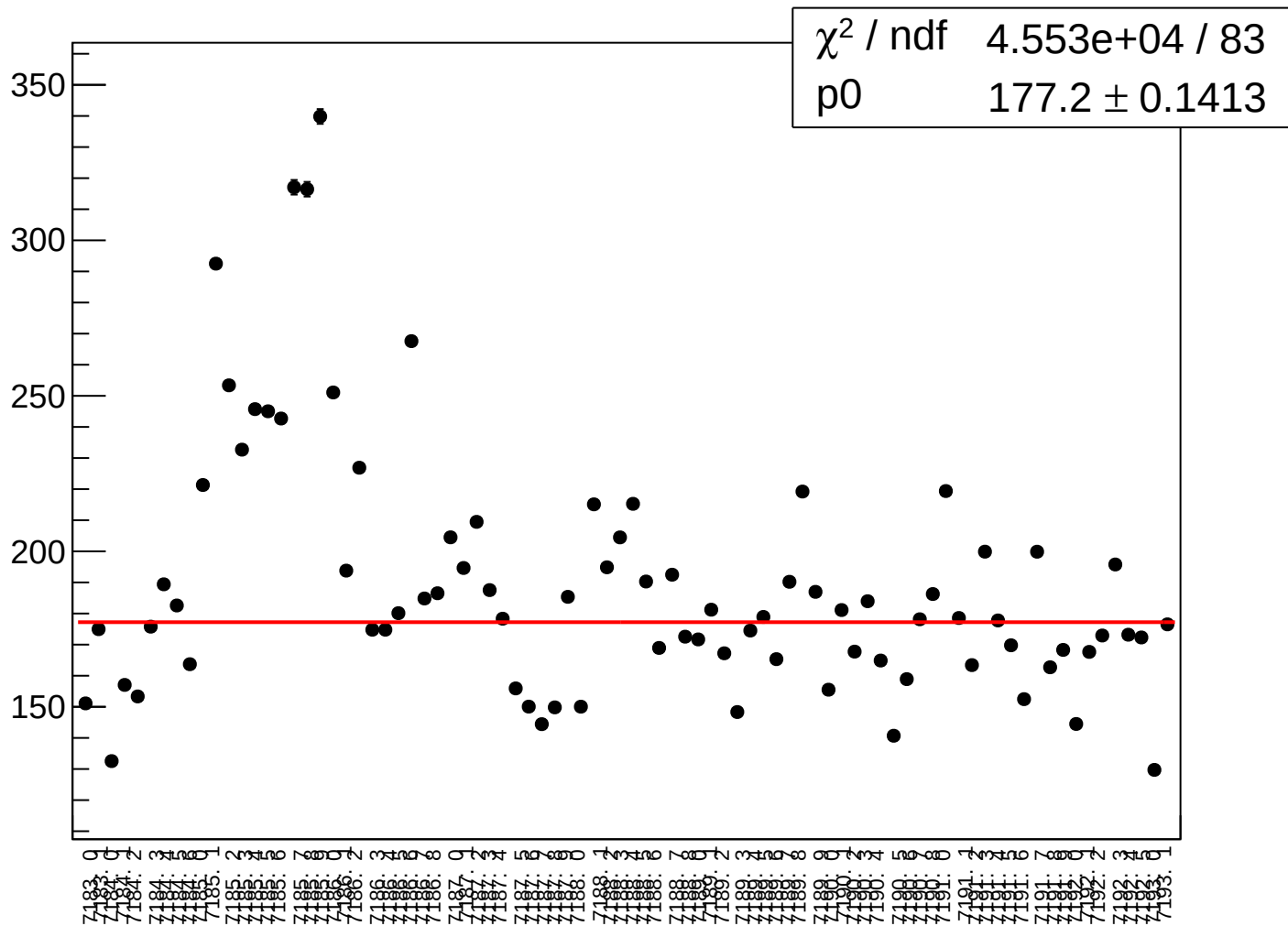
asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs run



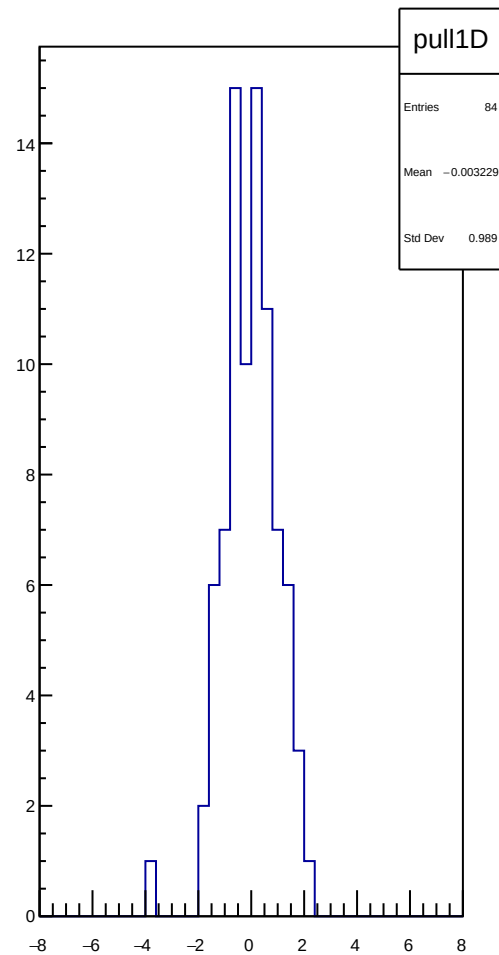
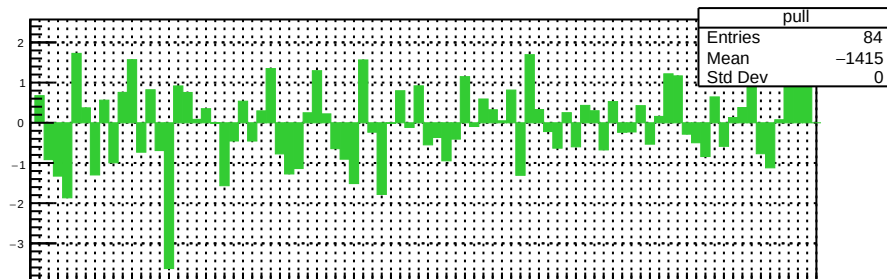
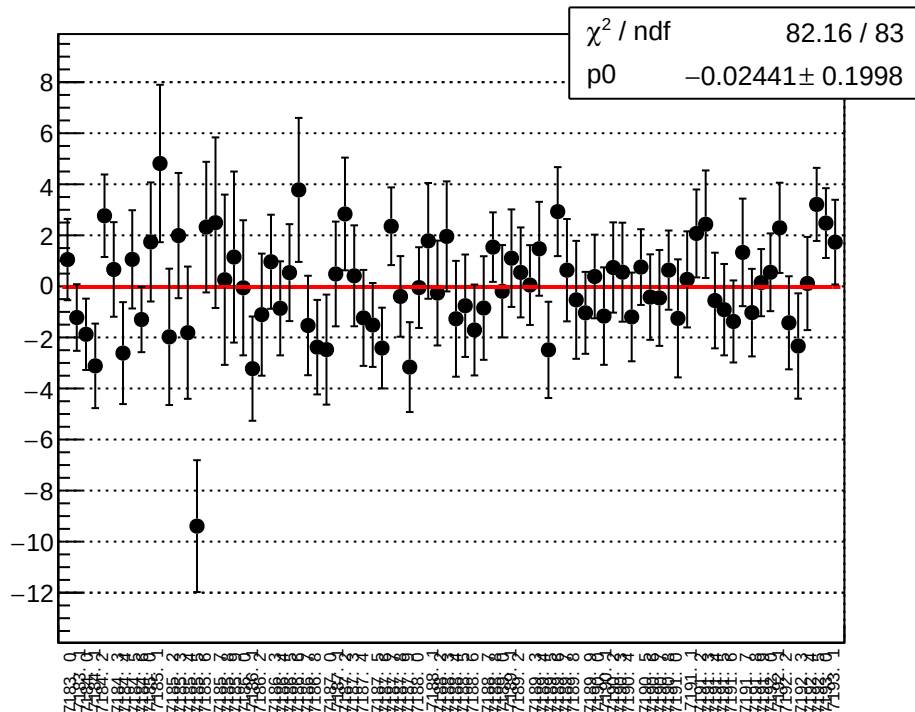
asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs run



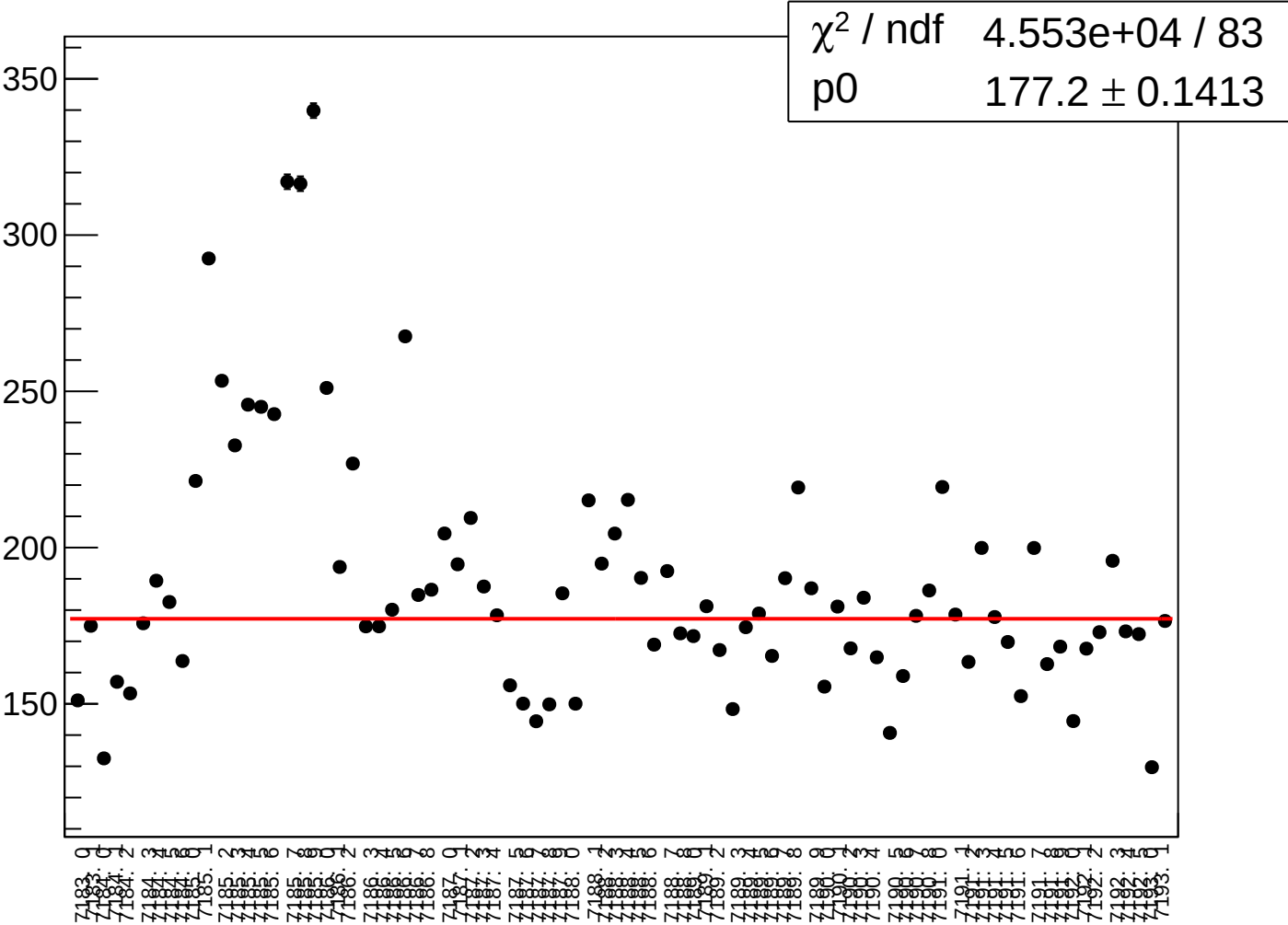
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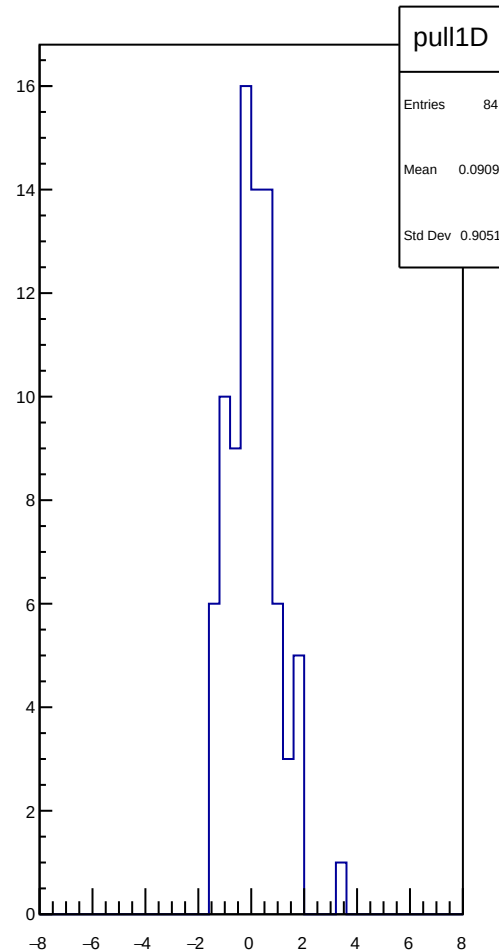
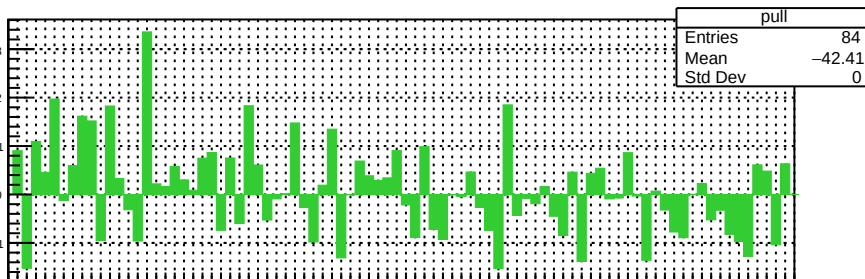
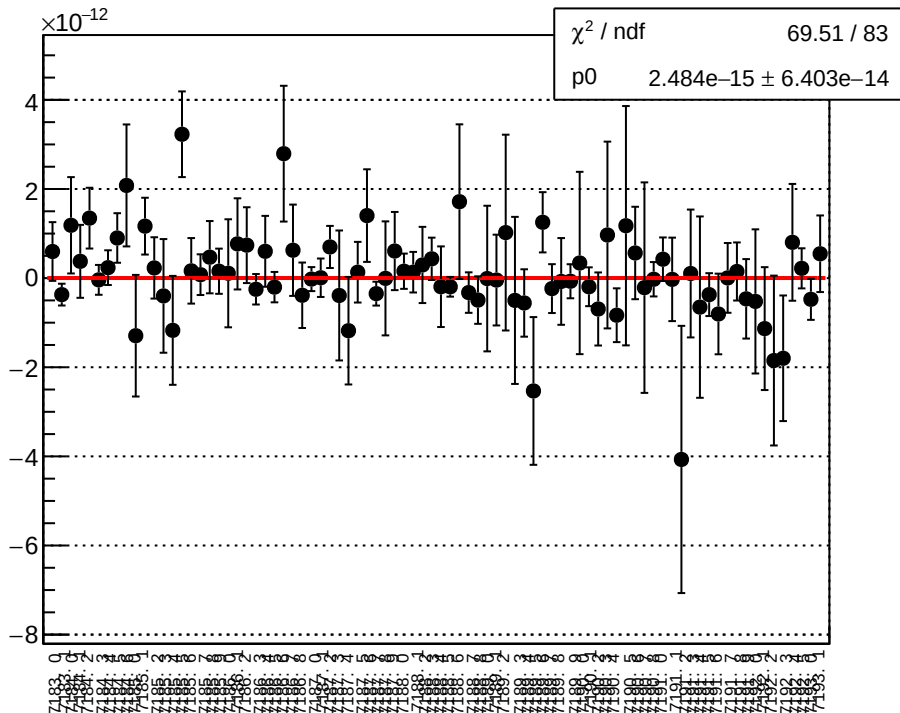
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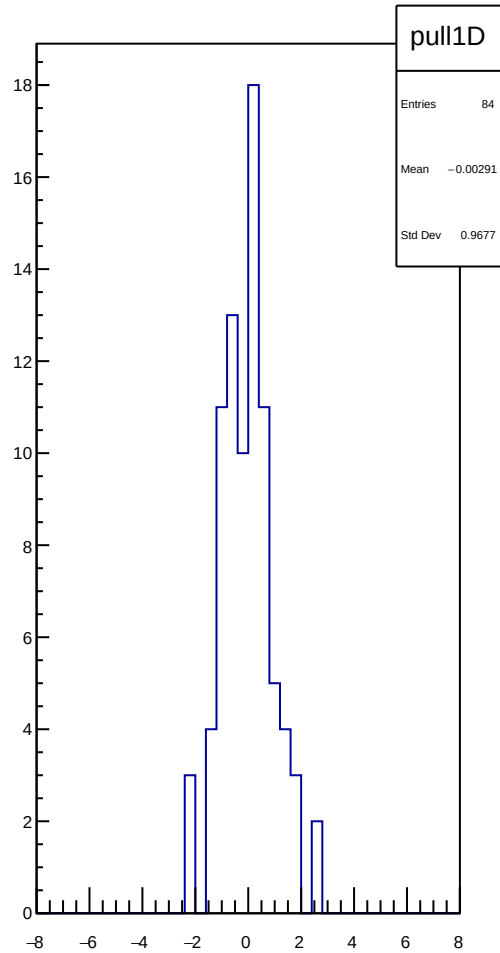
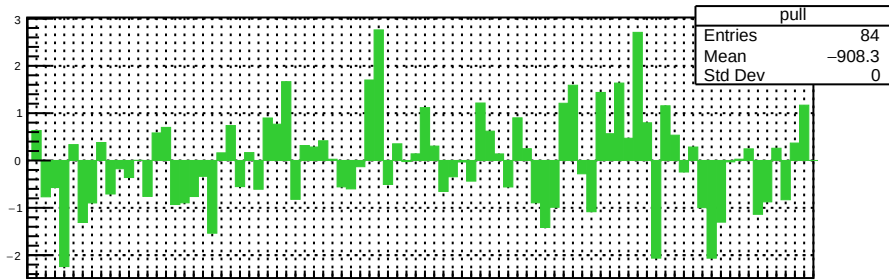
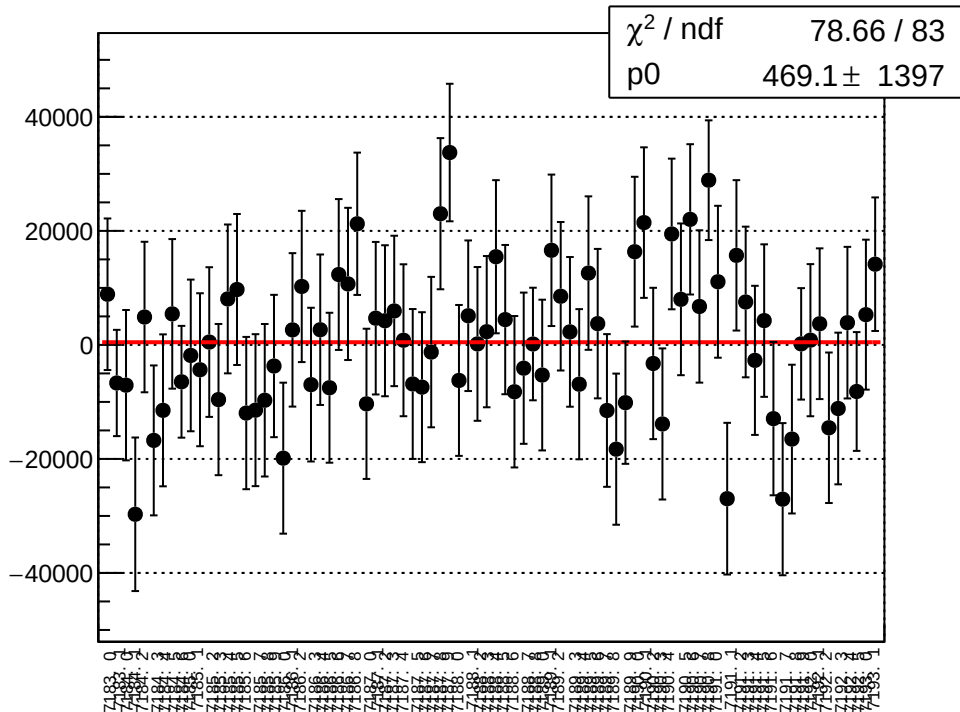
asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



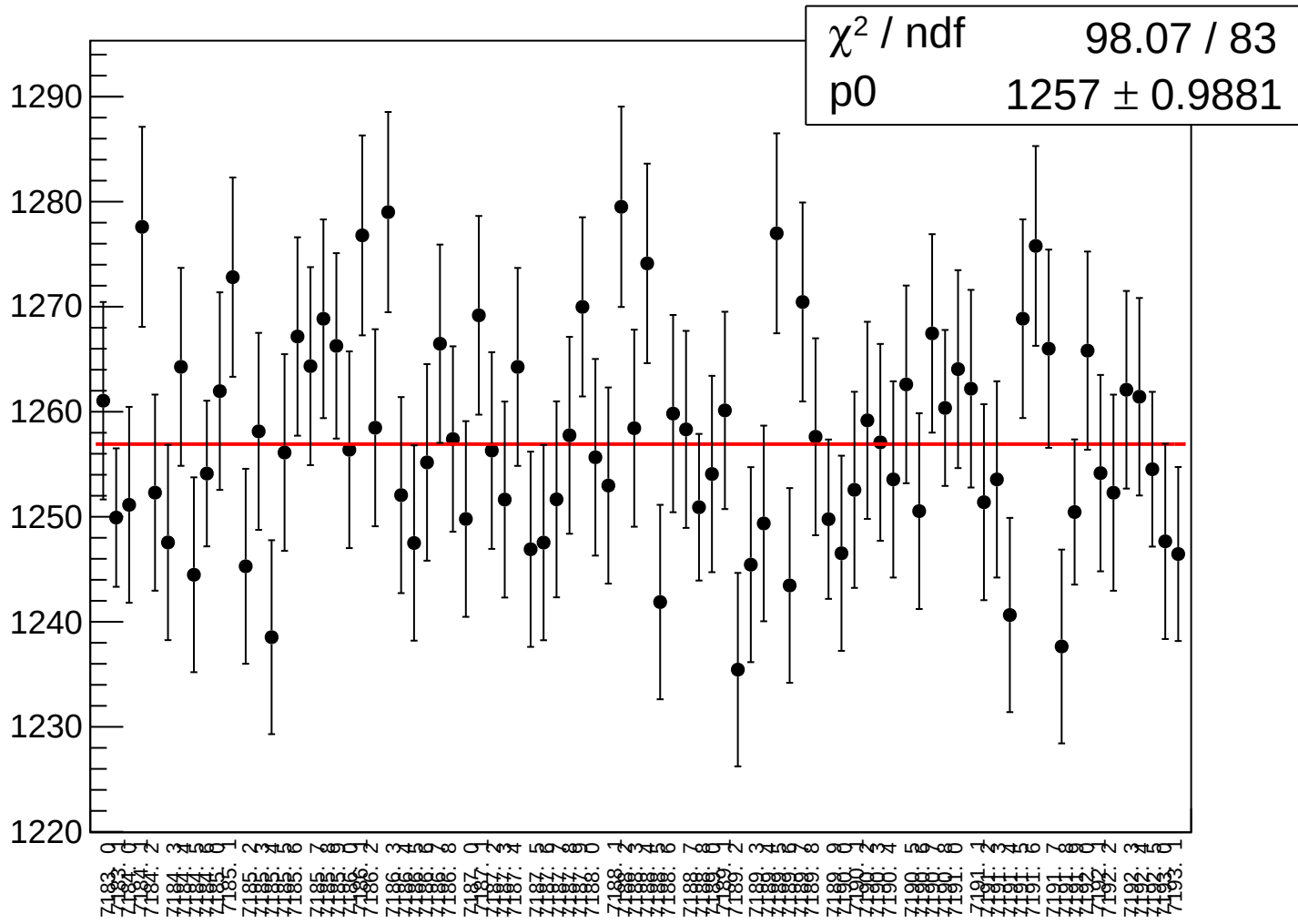
asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs run



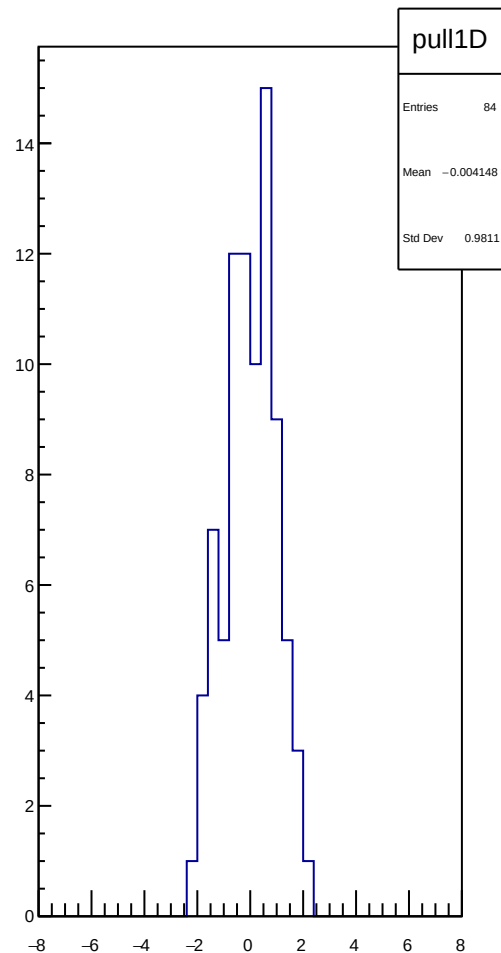
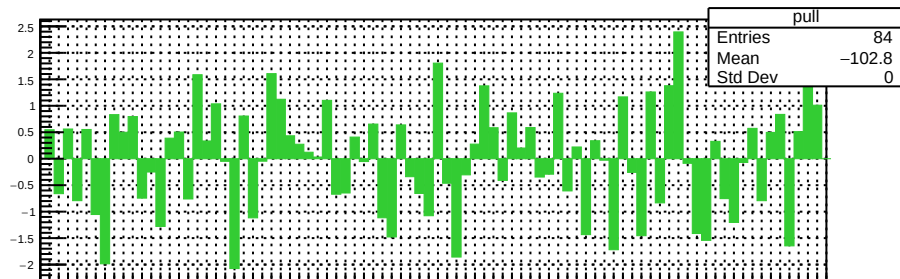
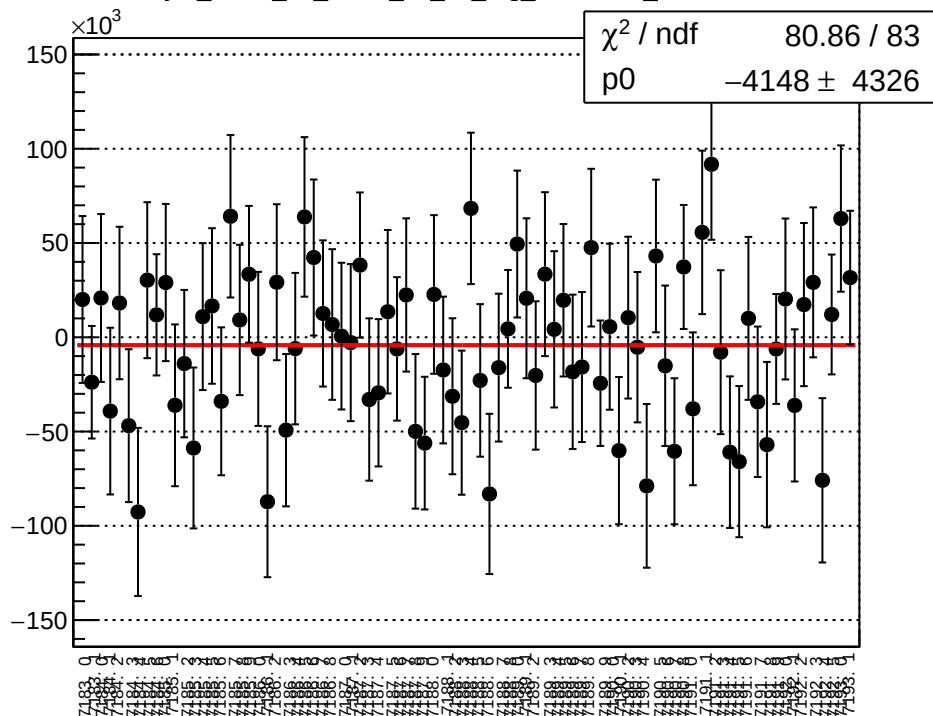
reg asym atl1r2 dd atl2r1 dd dd mean vs run



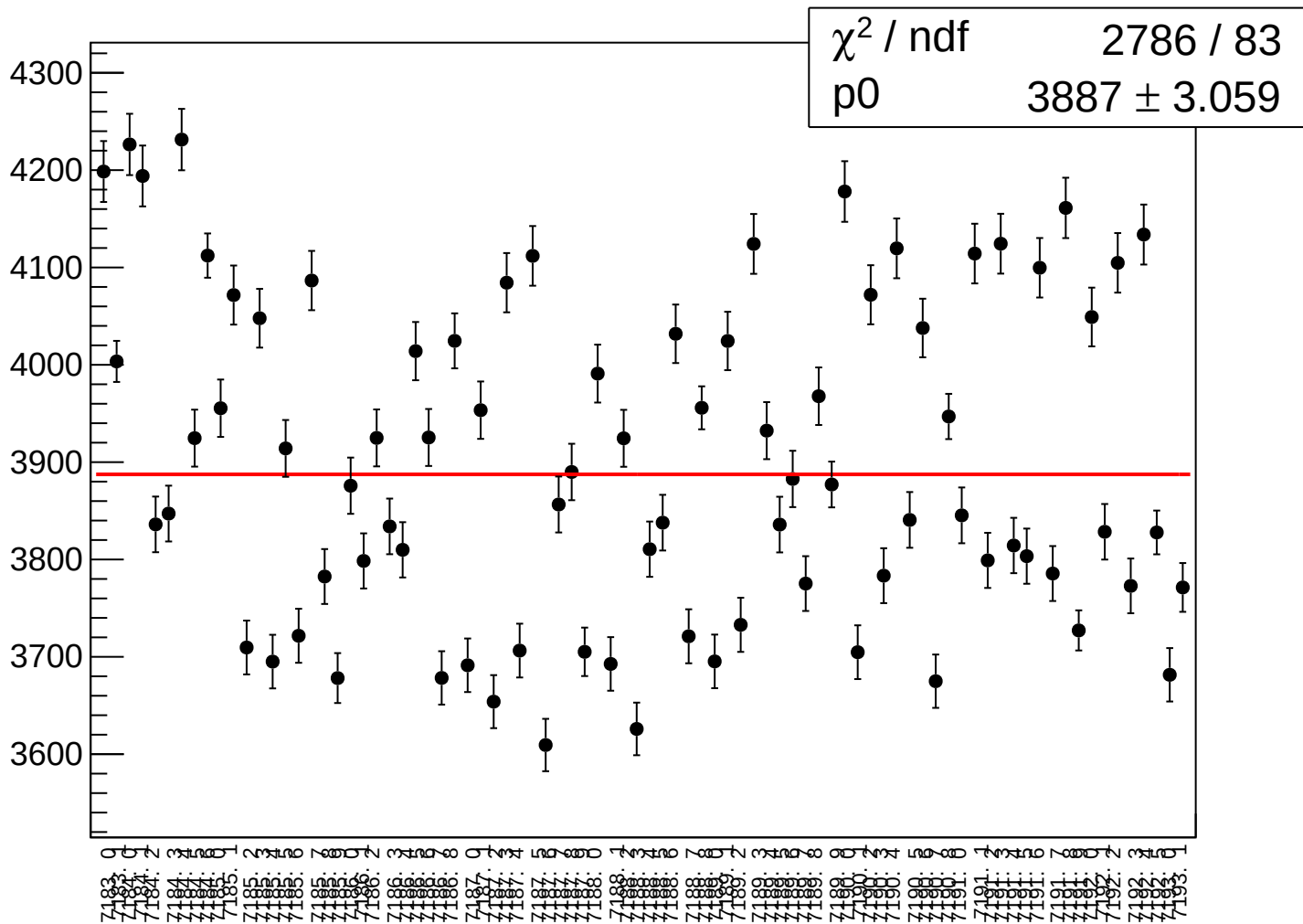
reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs run



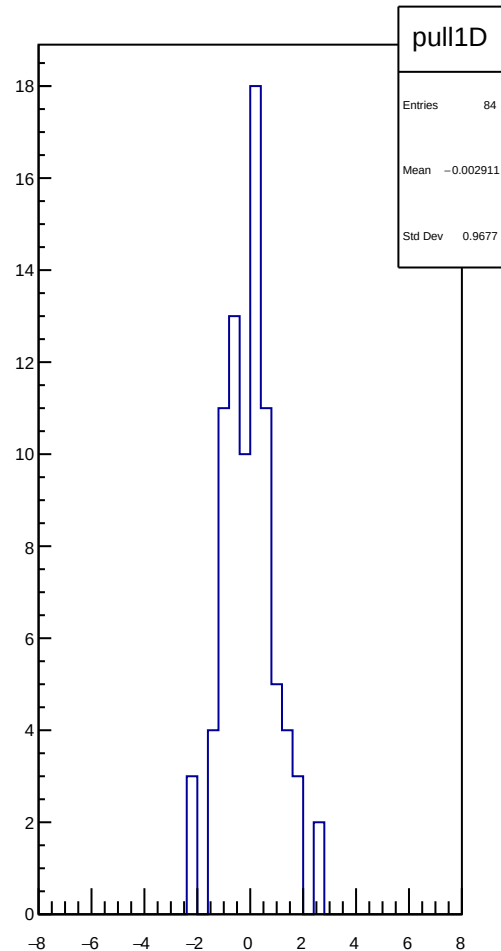
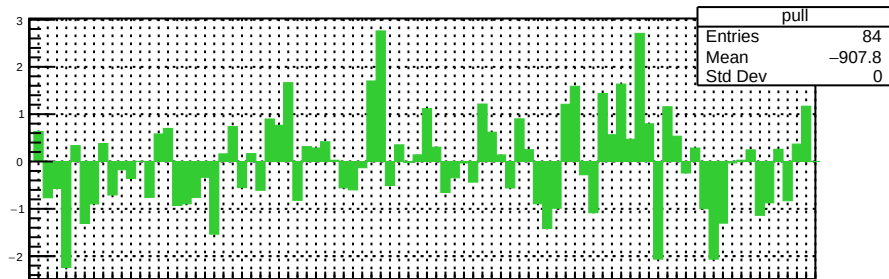
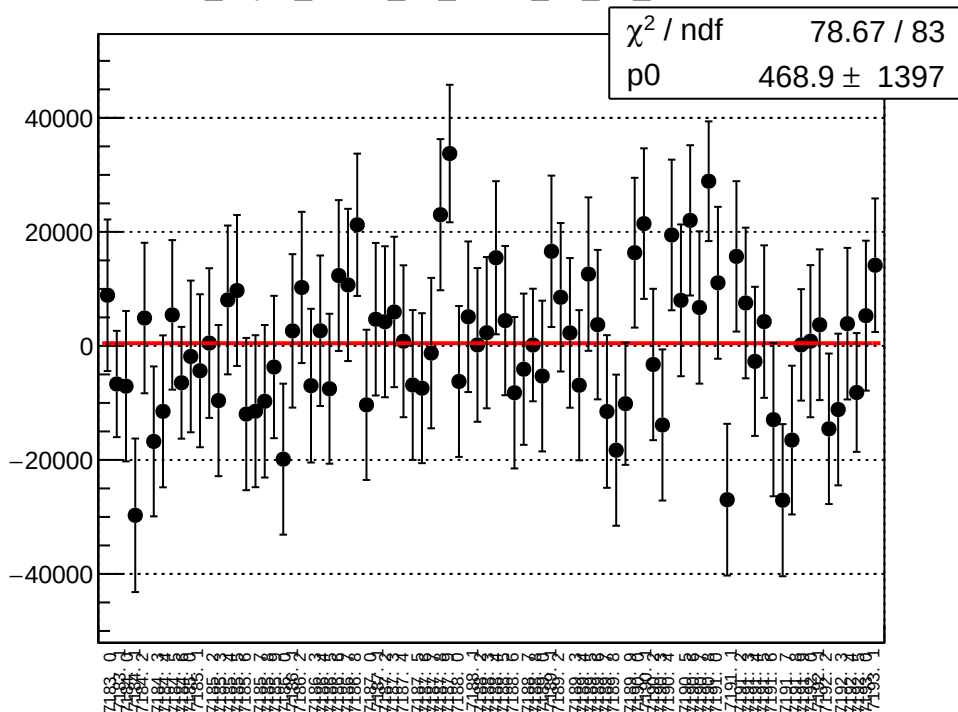
asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs run



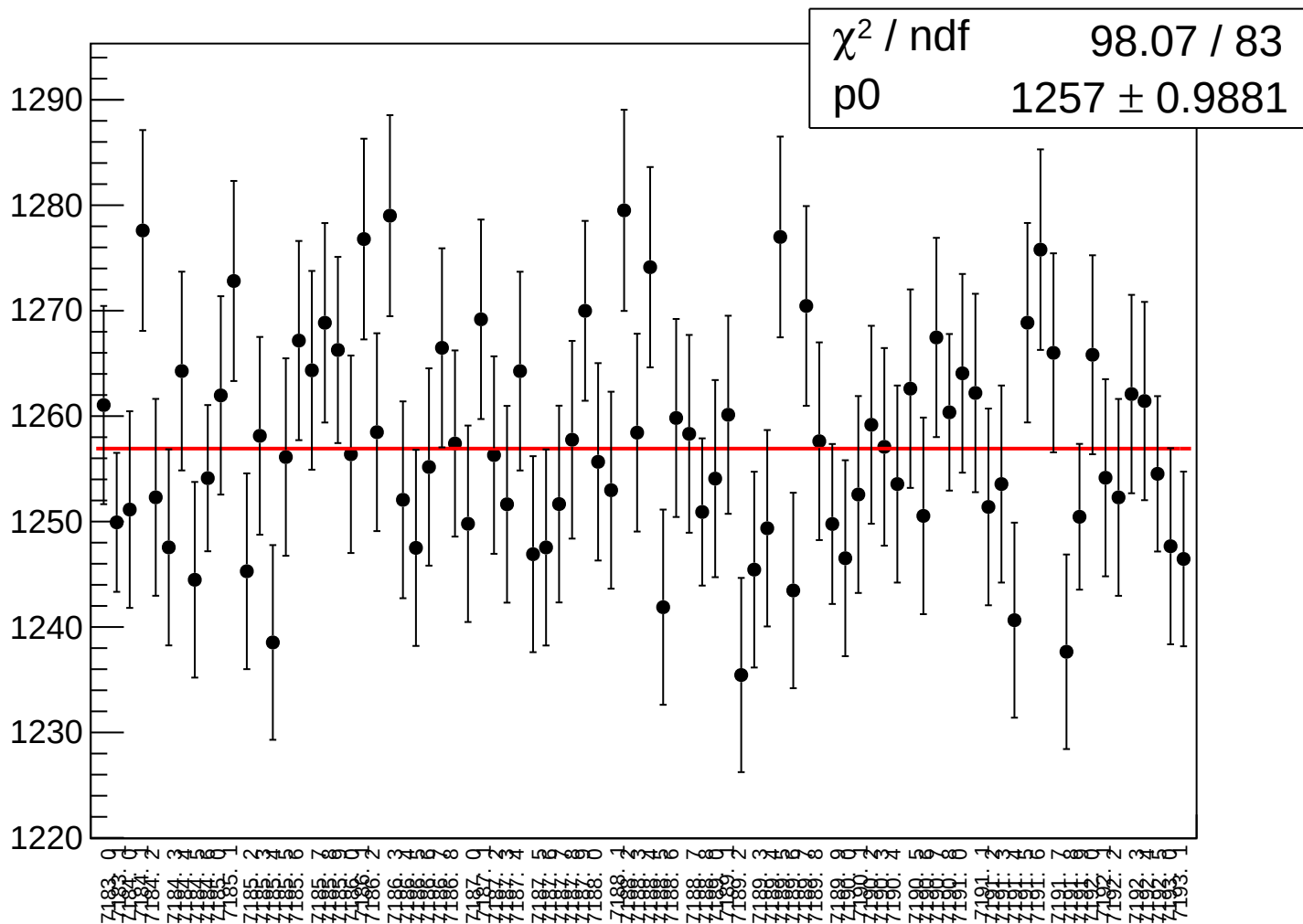
asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs run



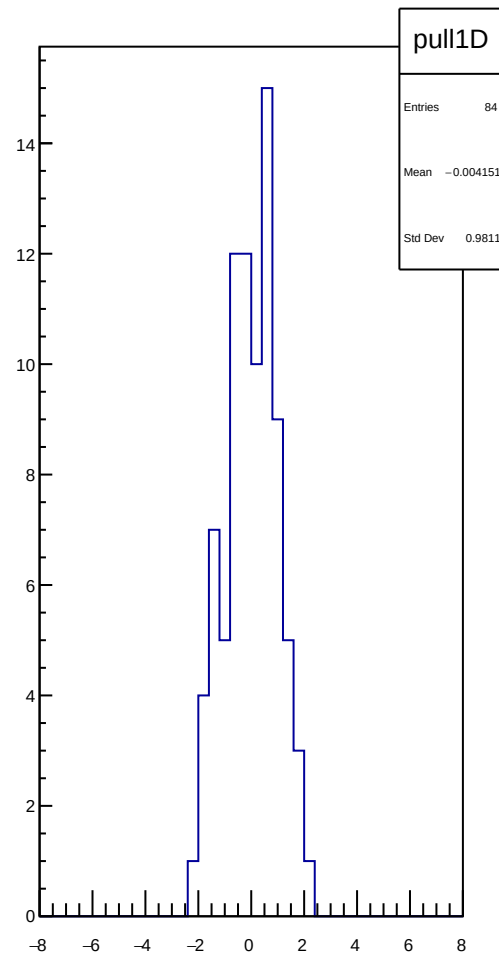
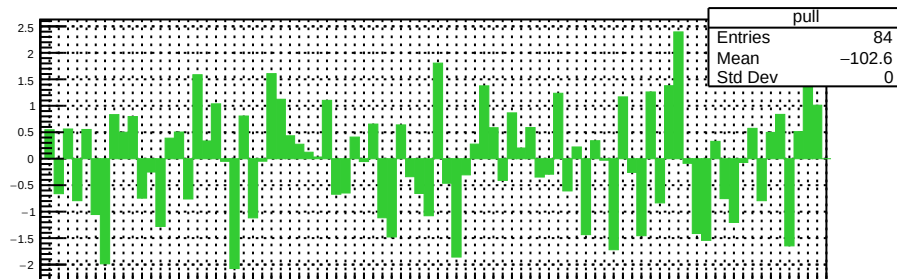
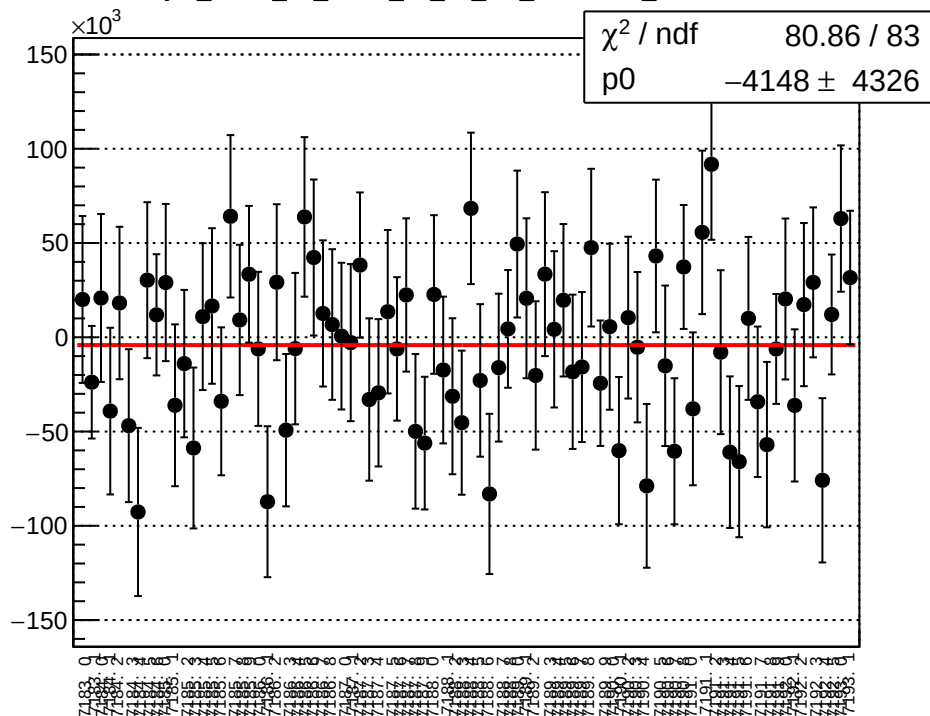
cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



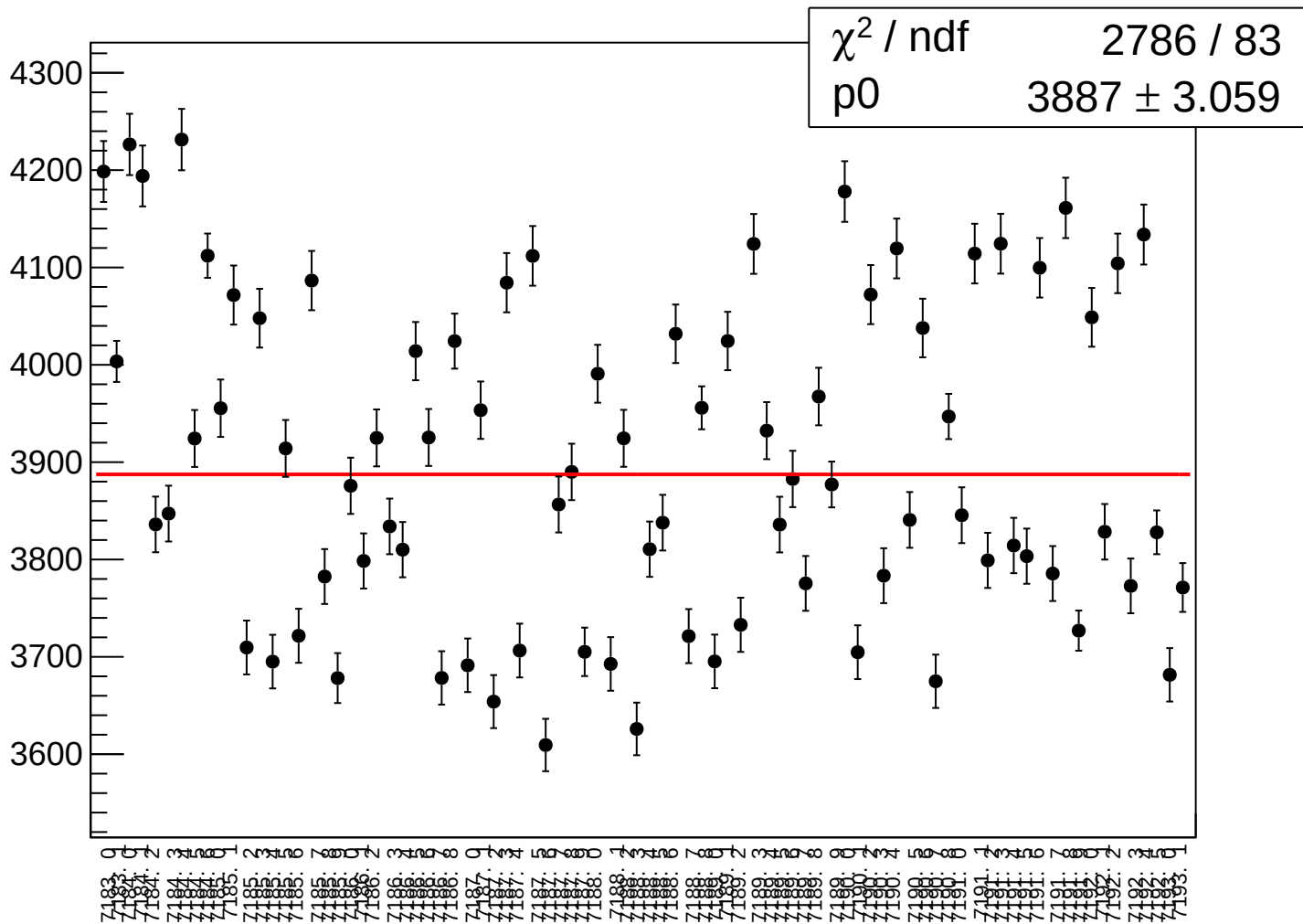
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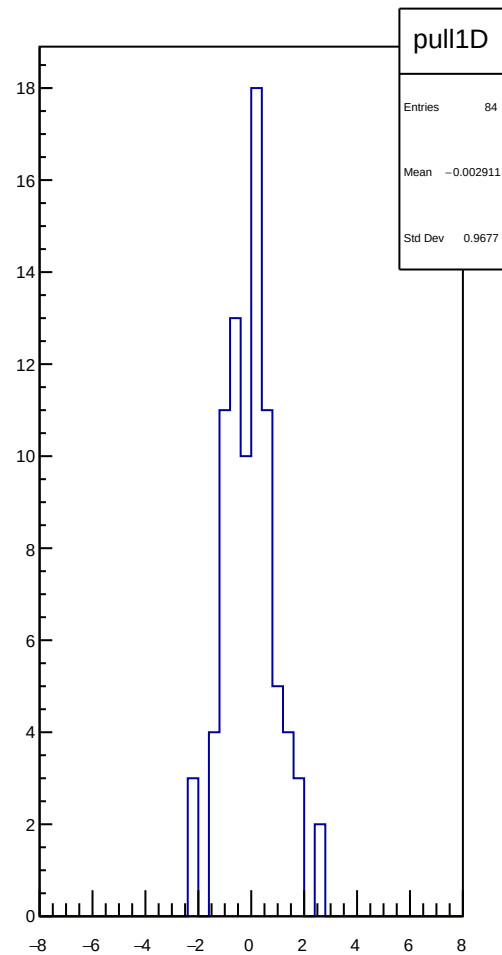
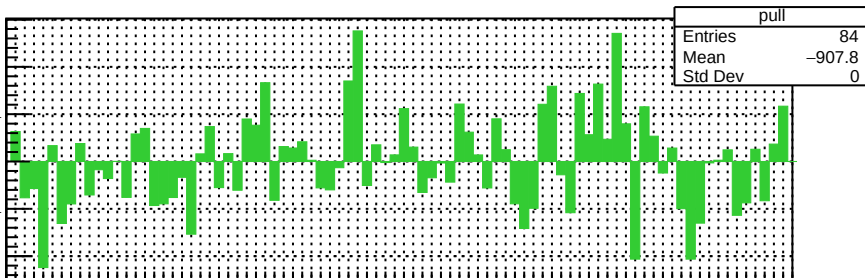
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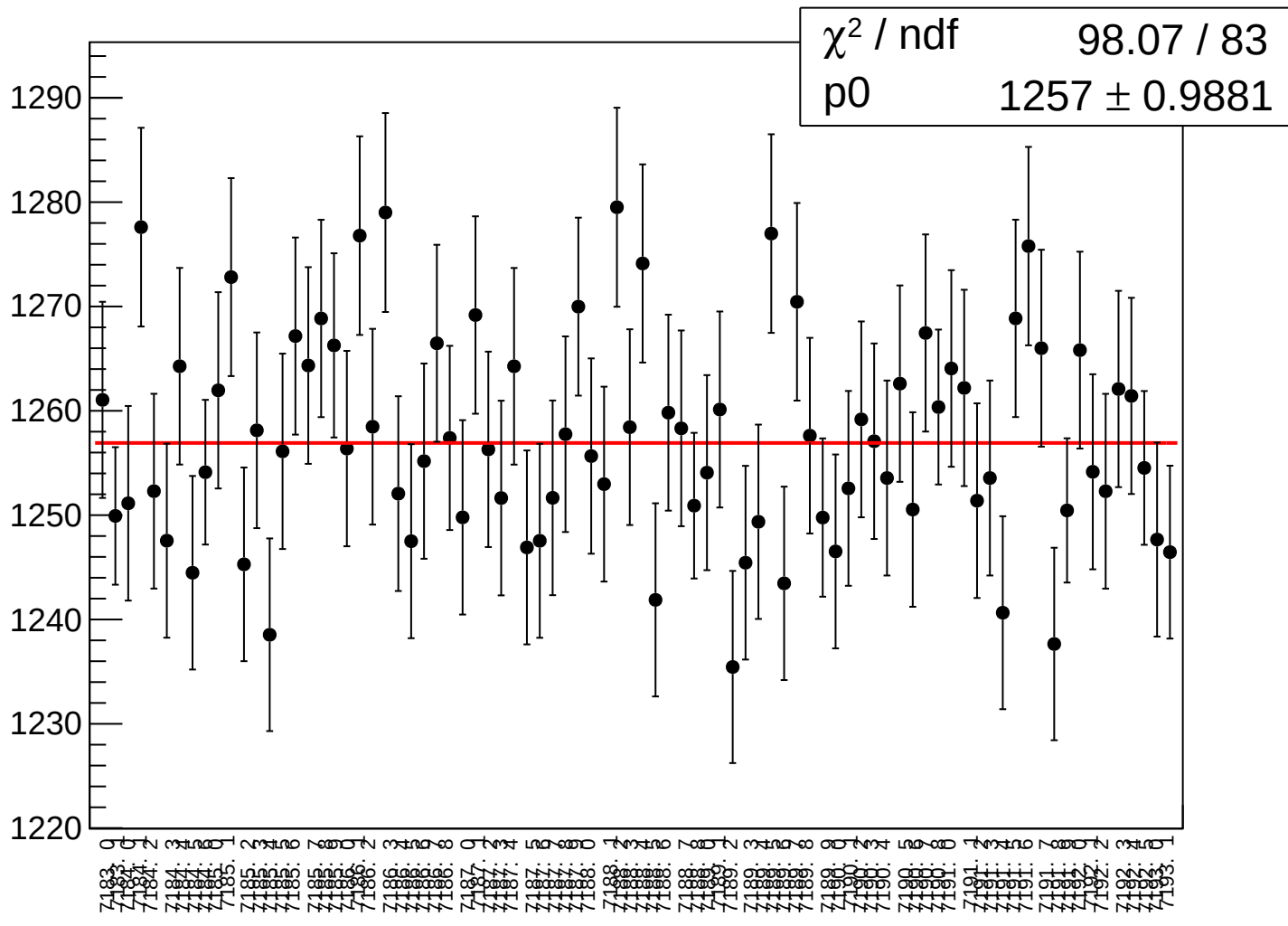
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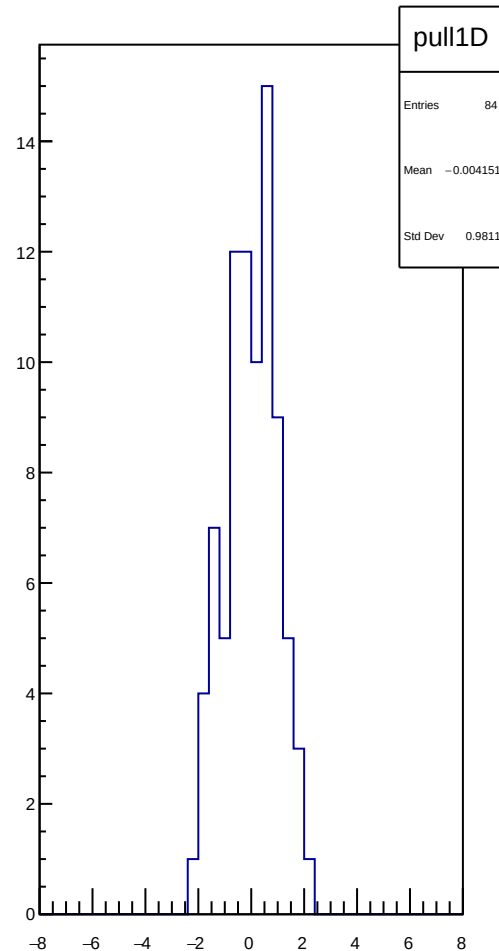
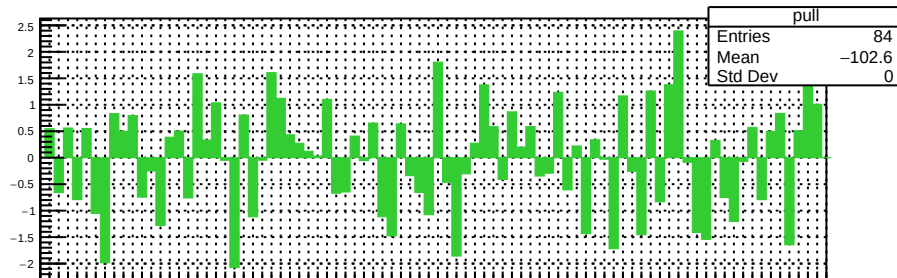
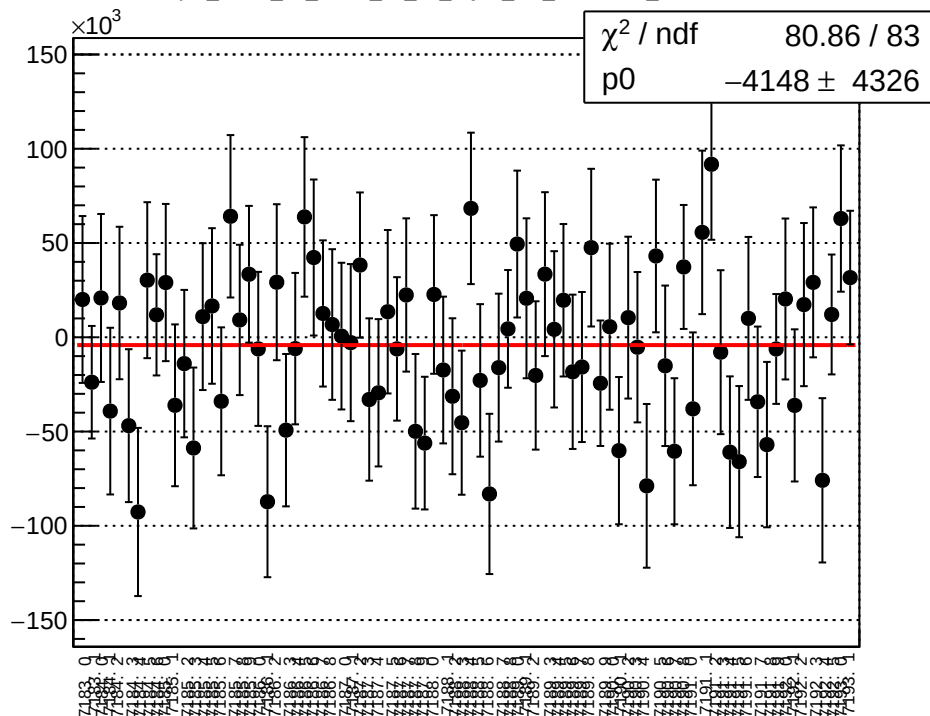
χ^2 / ndf 78.67 / 83
 p_0 468.9 $\pm$ 1397



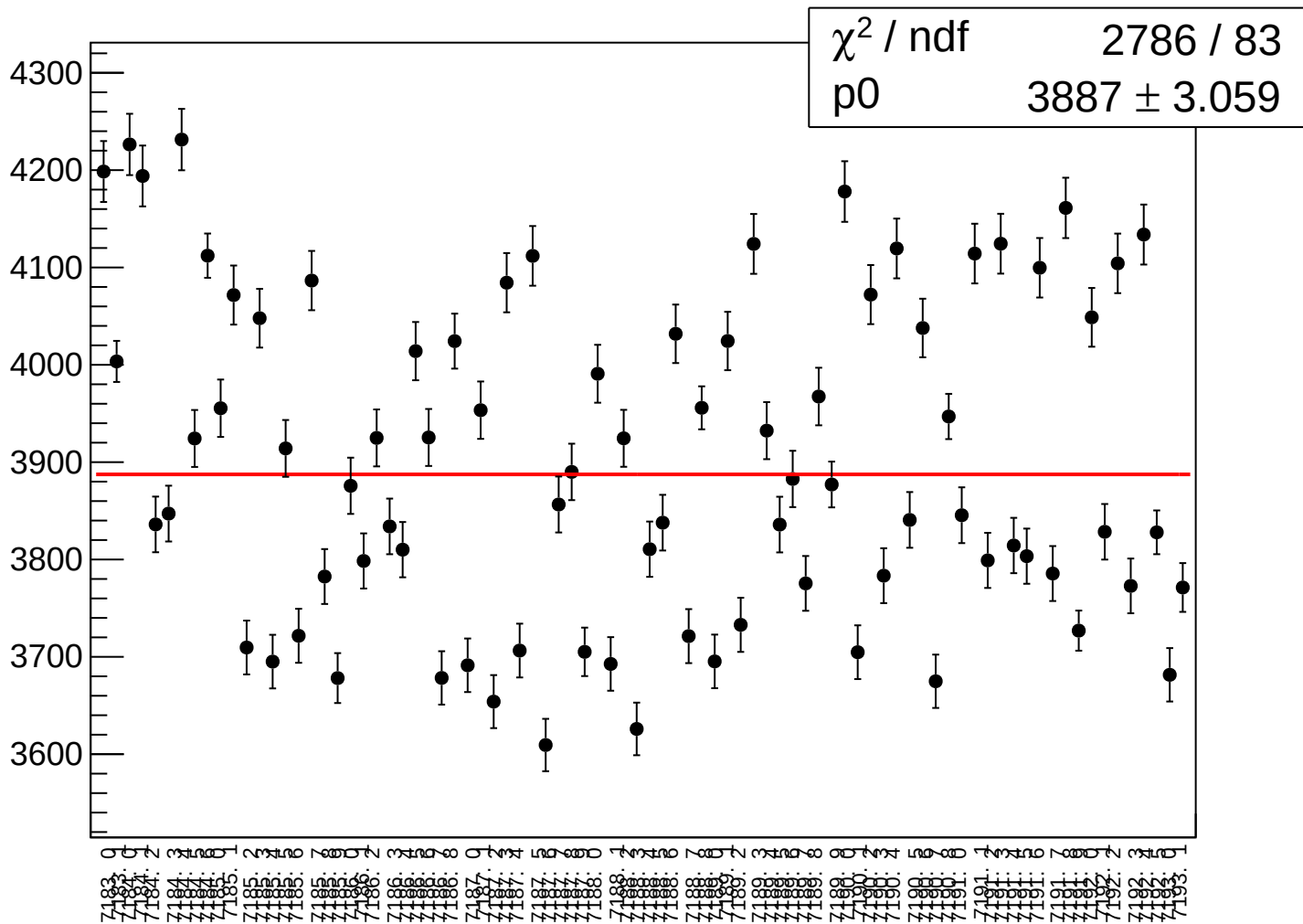
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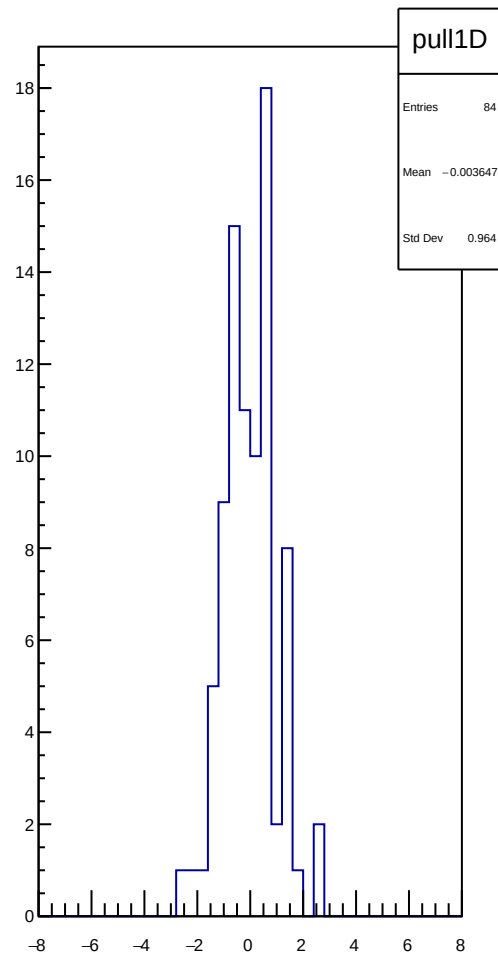
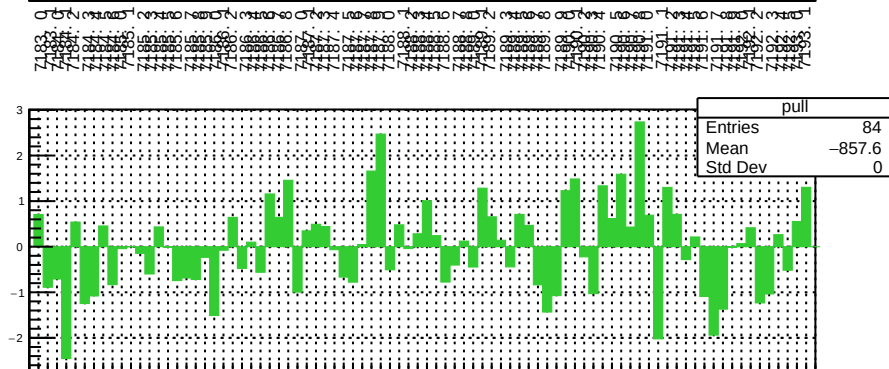
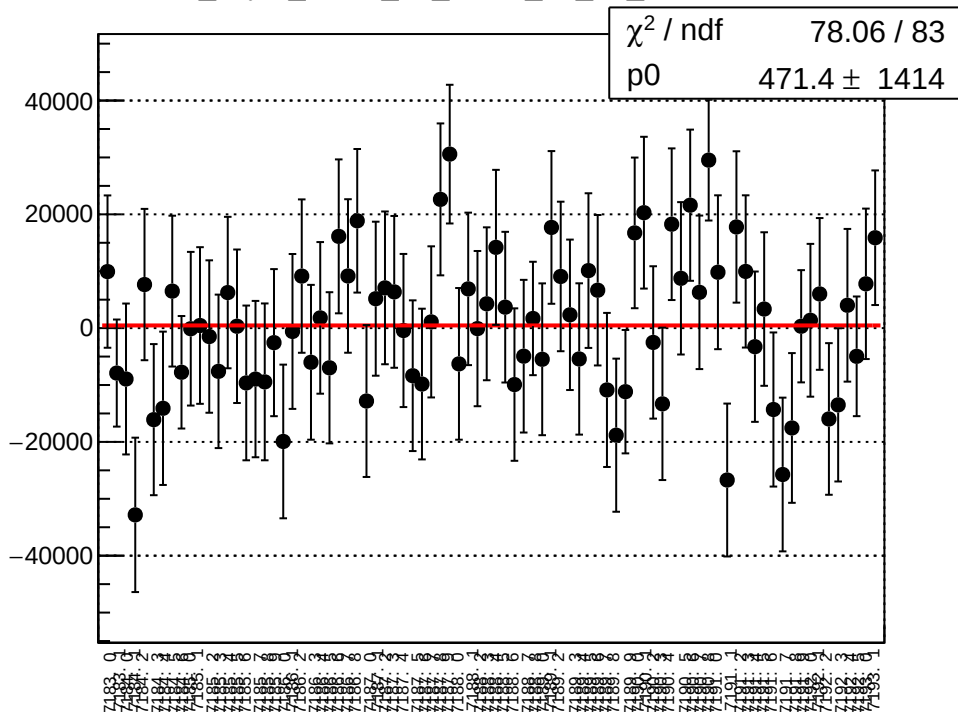
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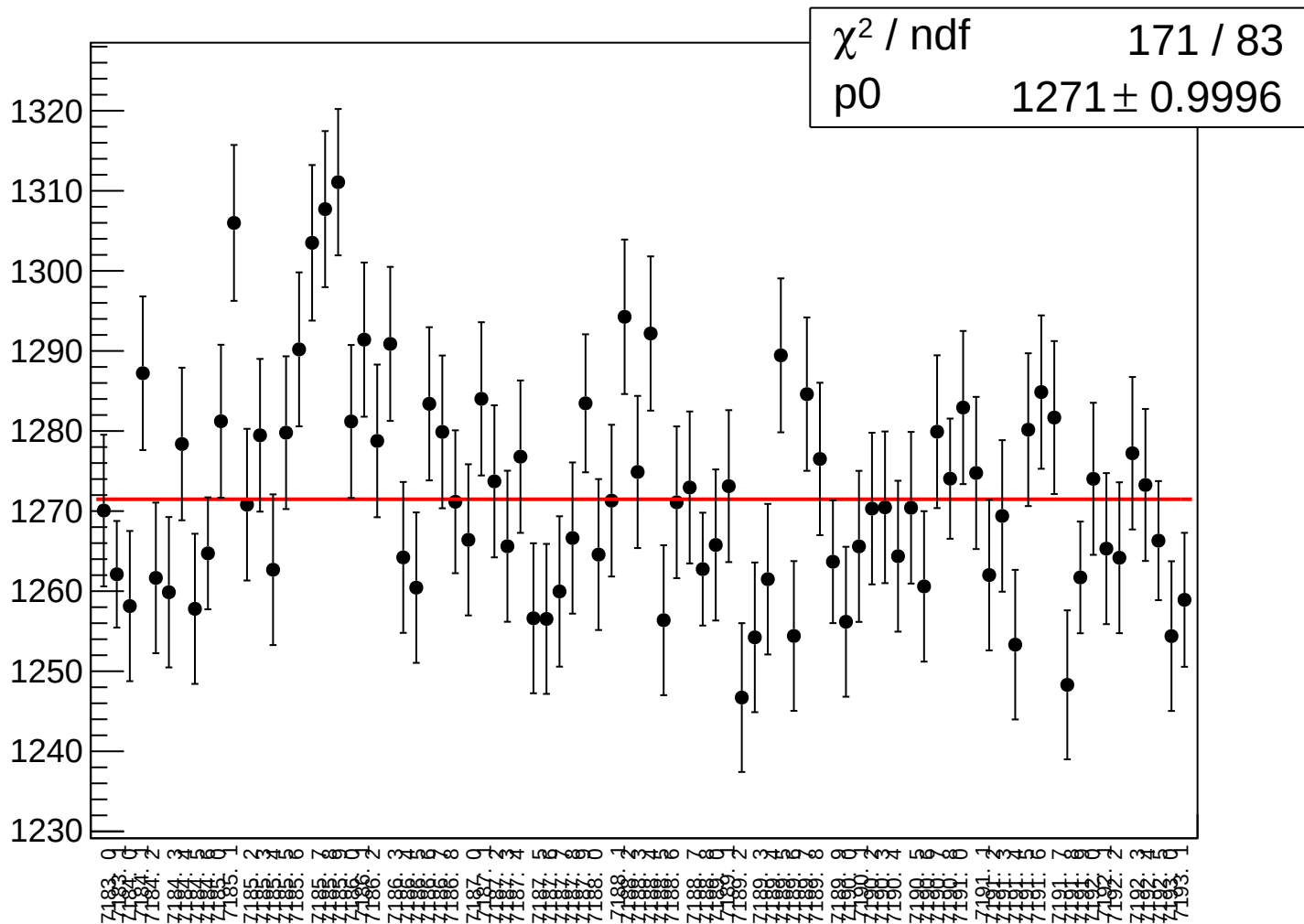
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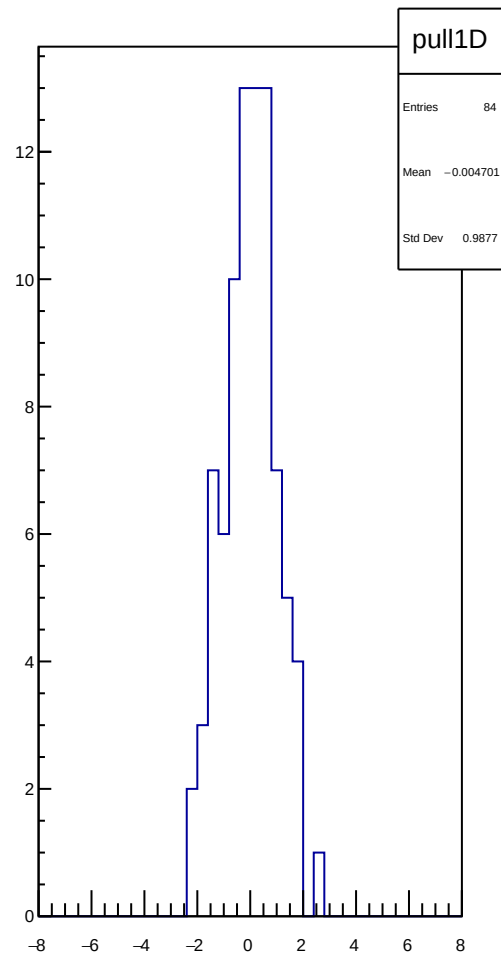
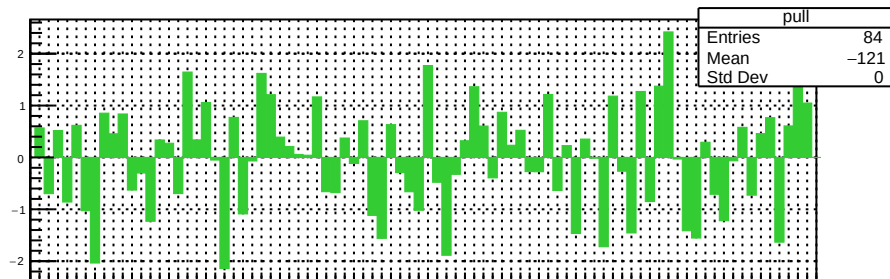
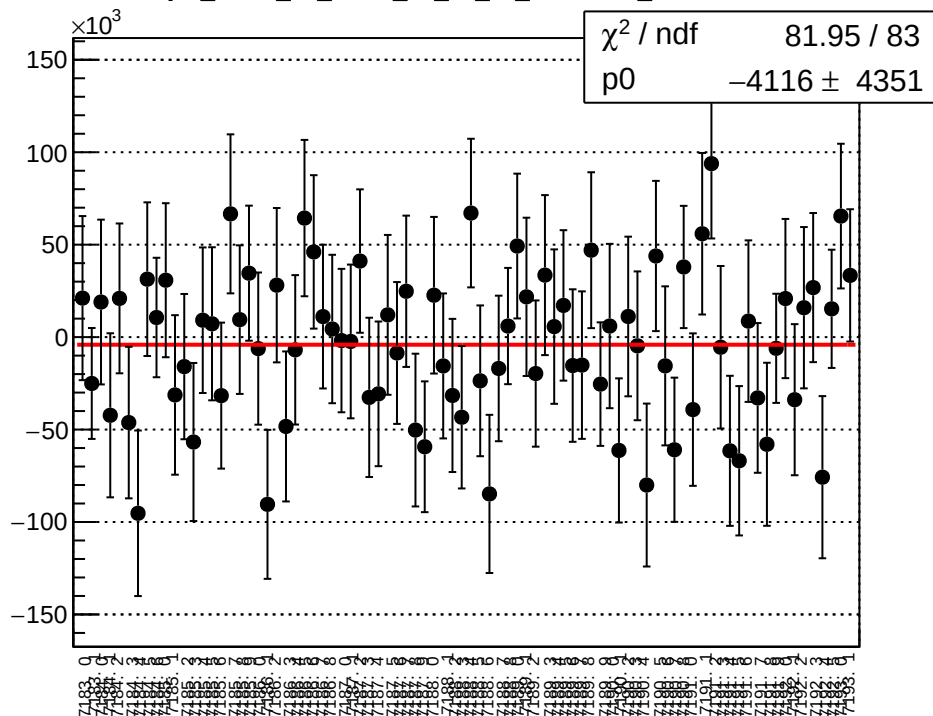
dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



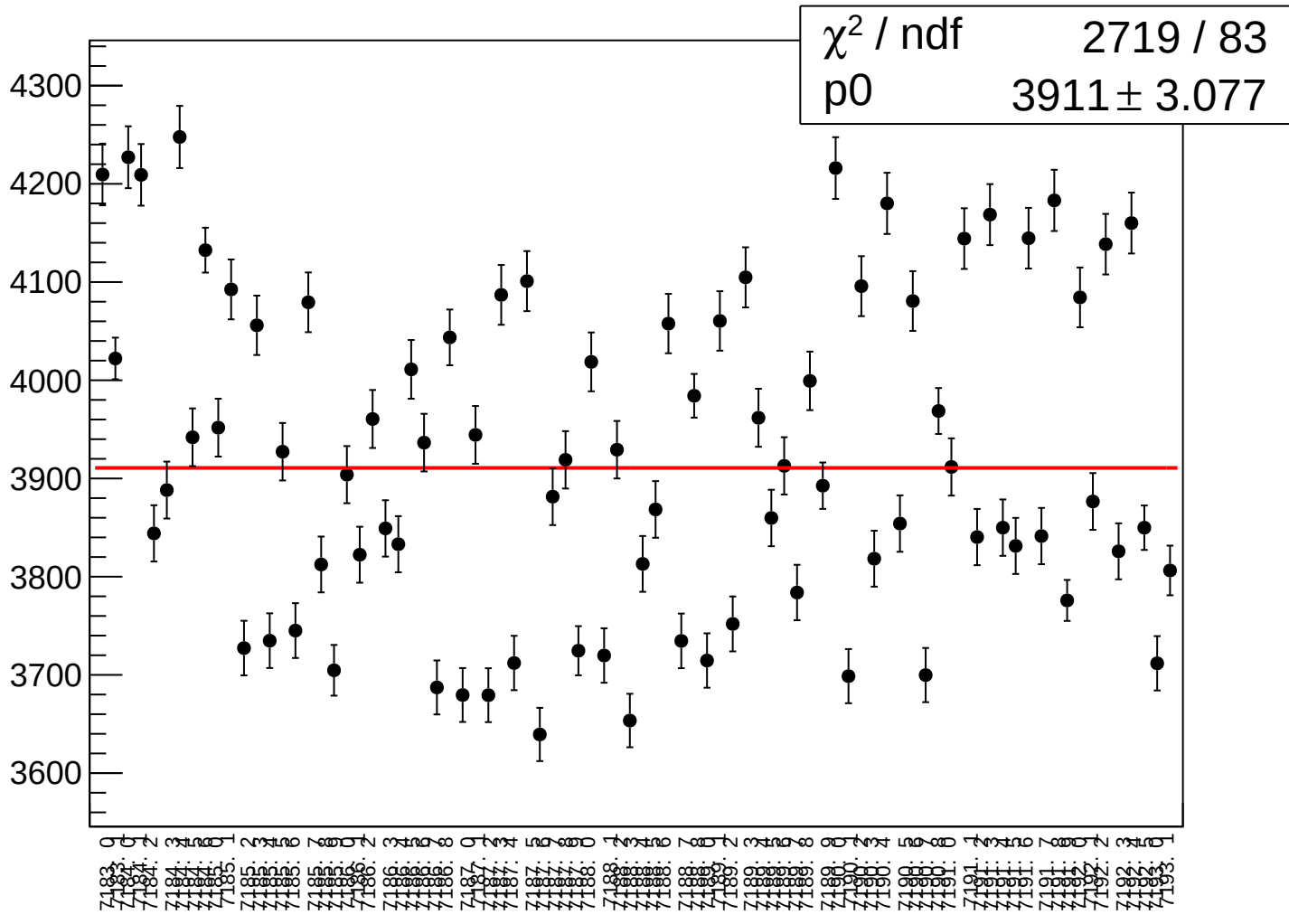
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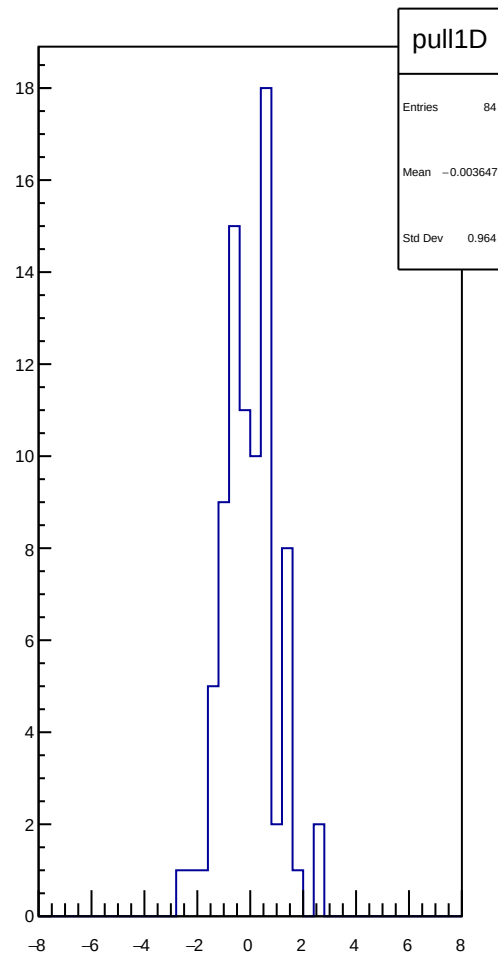
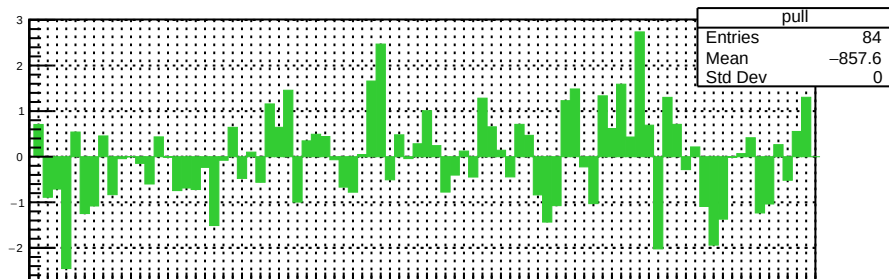
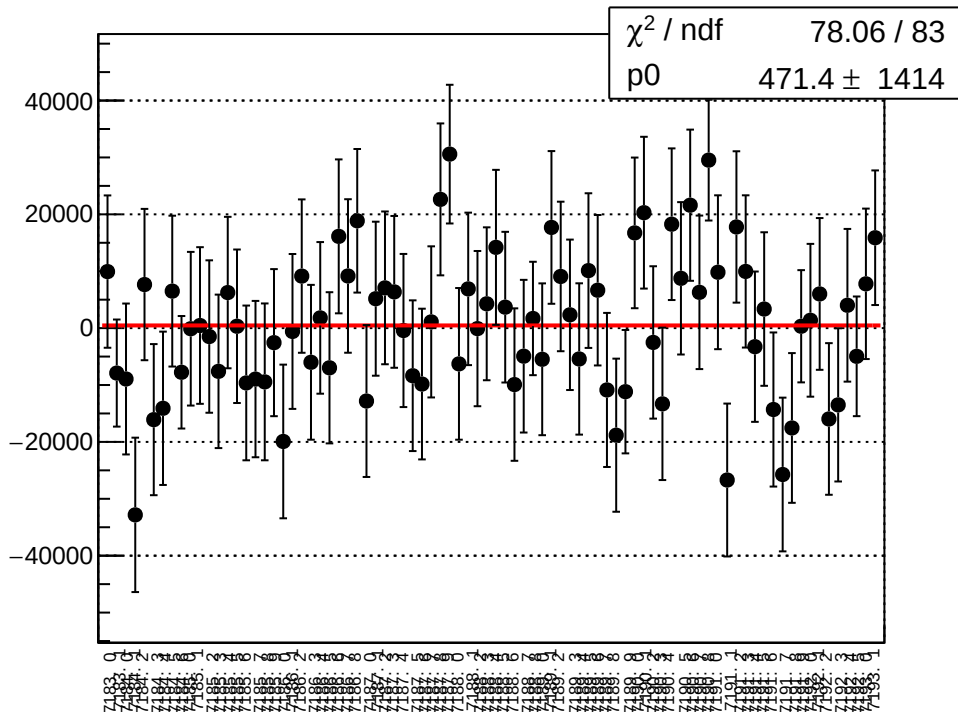
asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs run



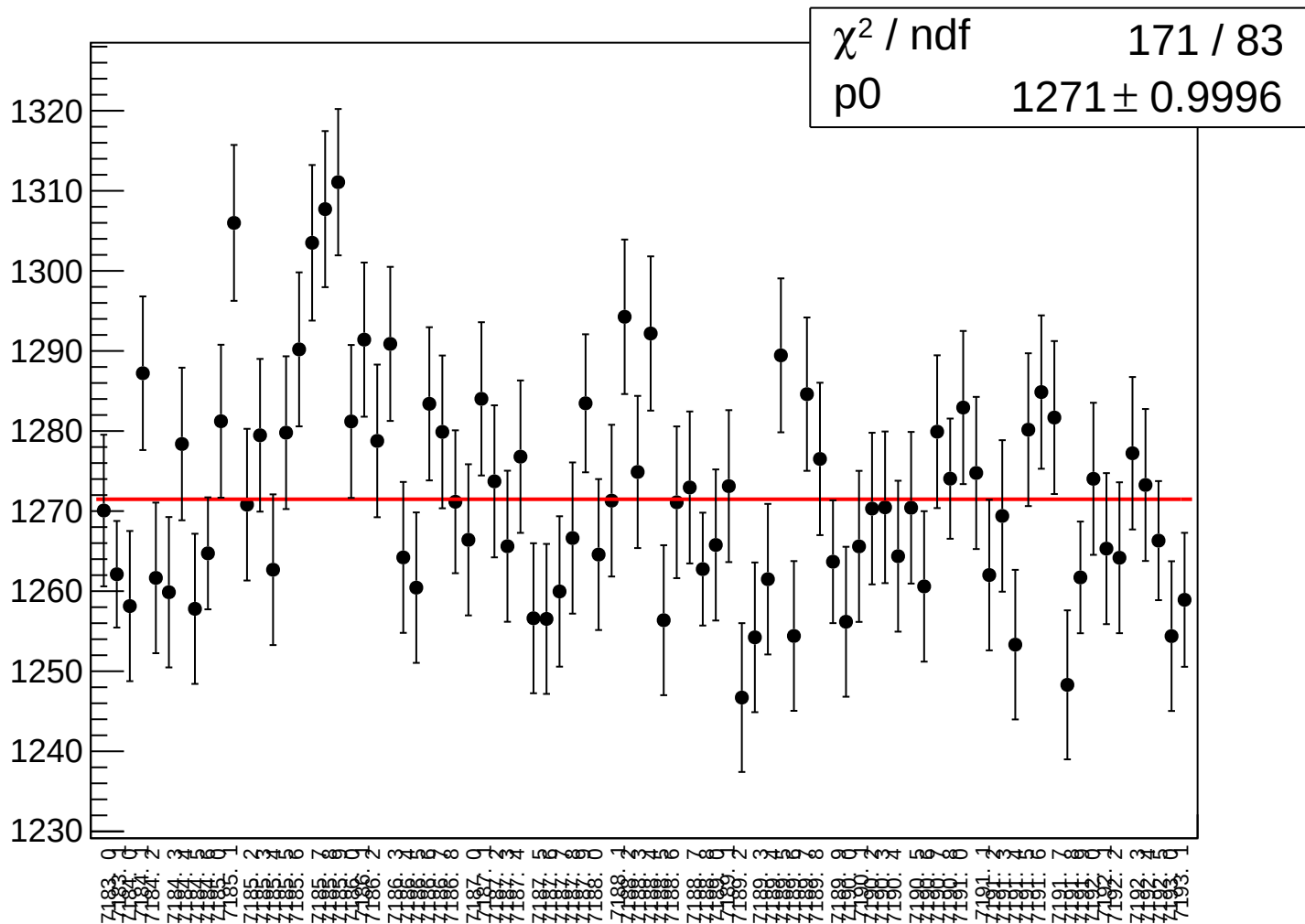
asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs run



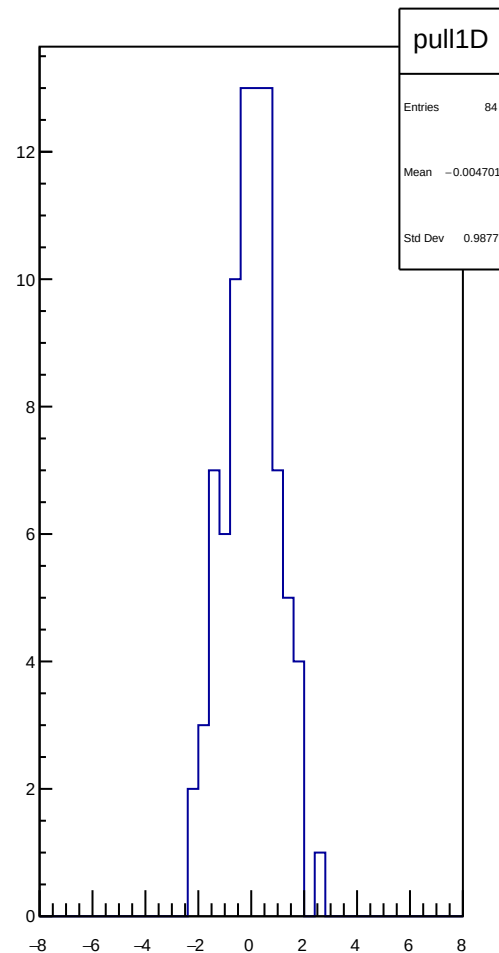
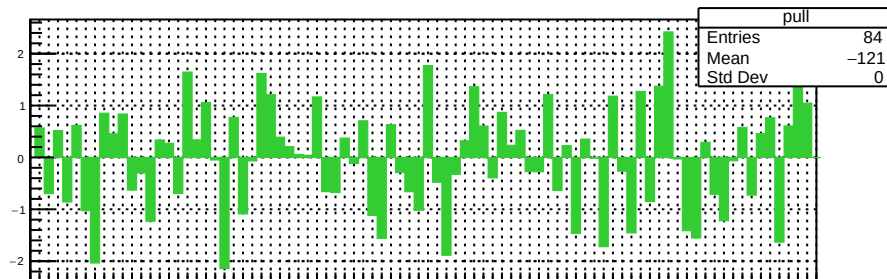
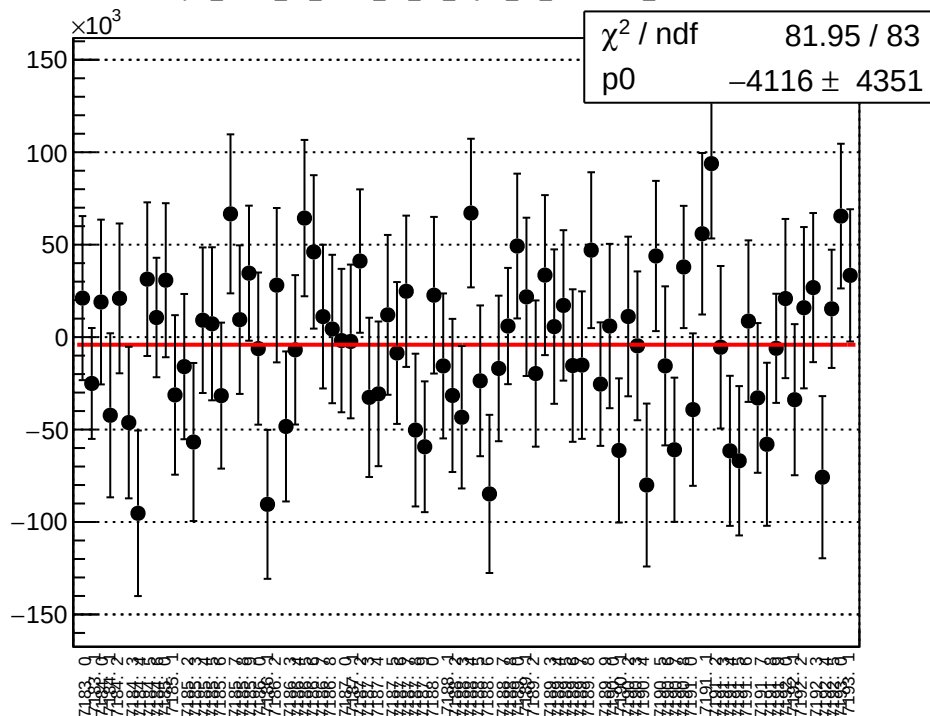
eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs run



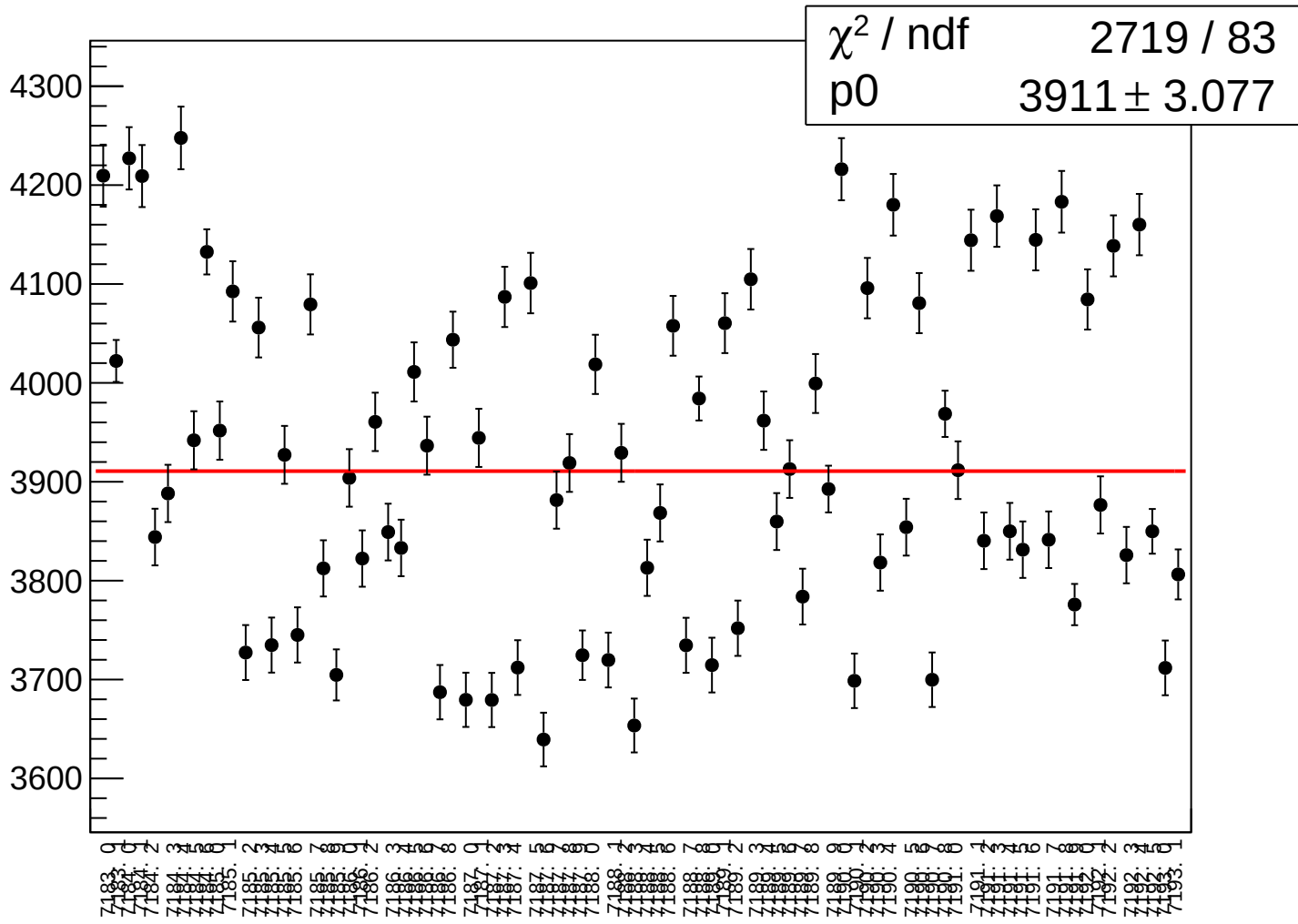
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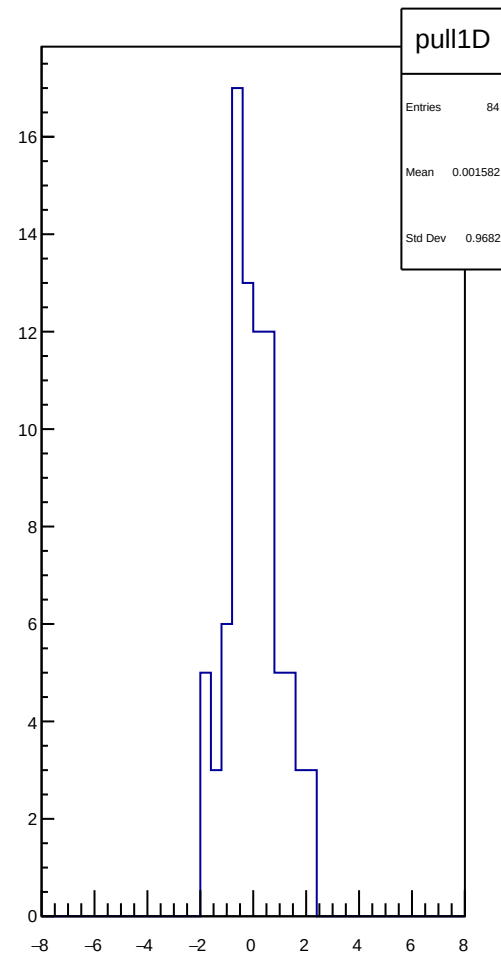
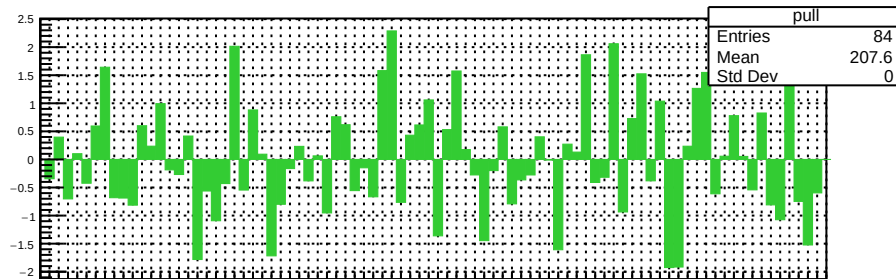
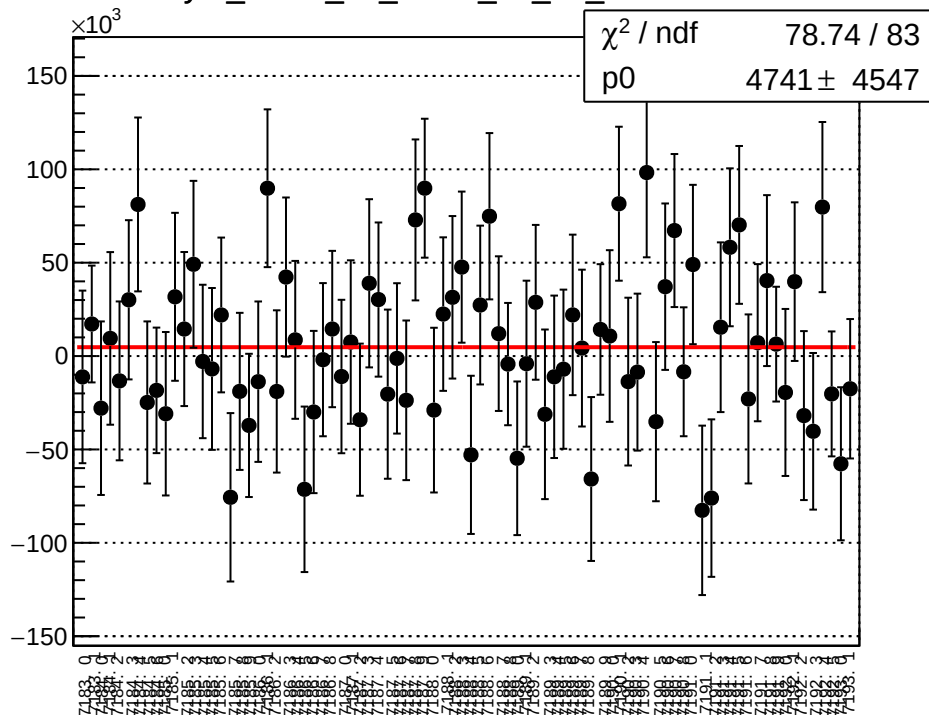
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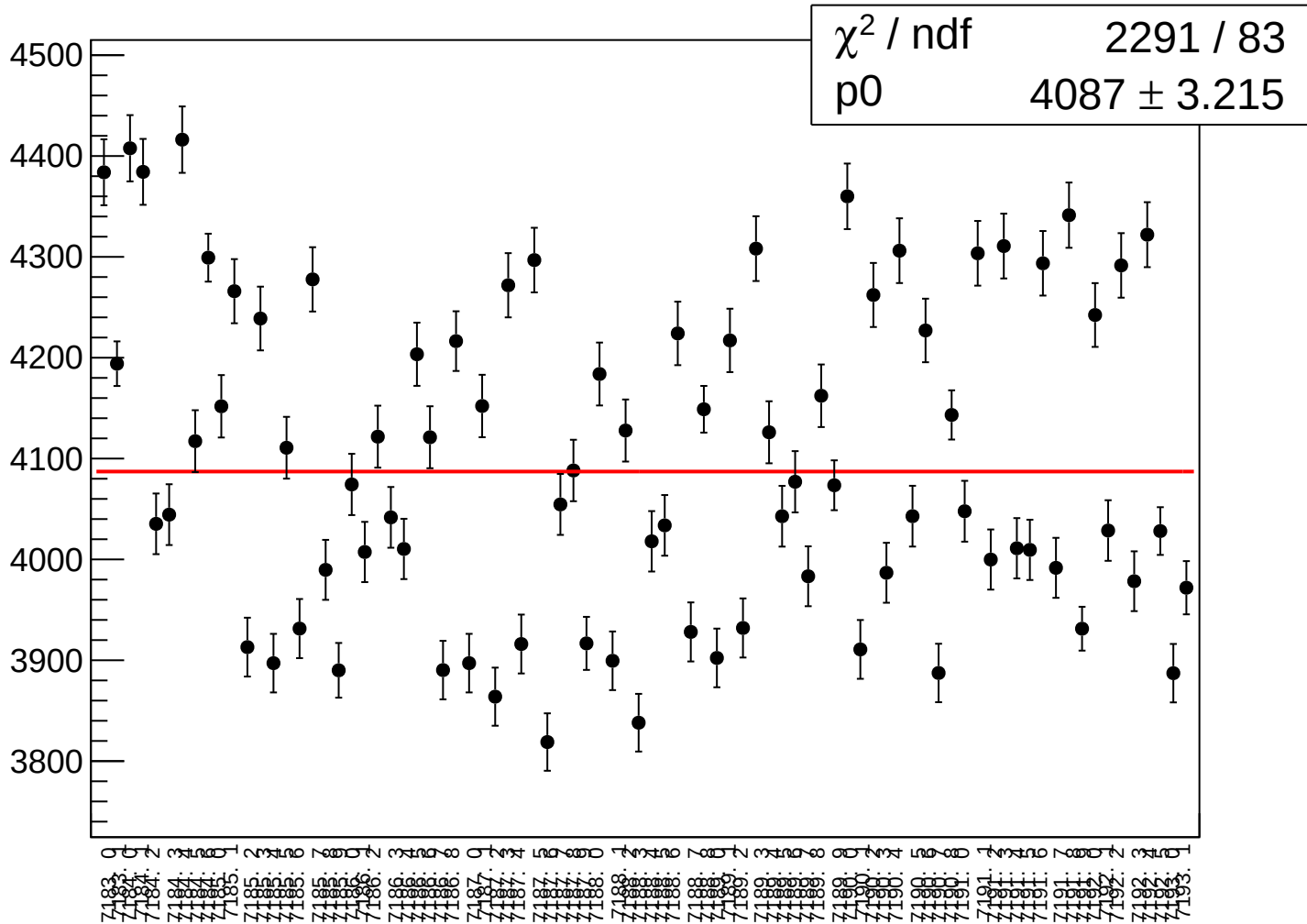
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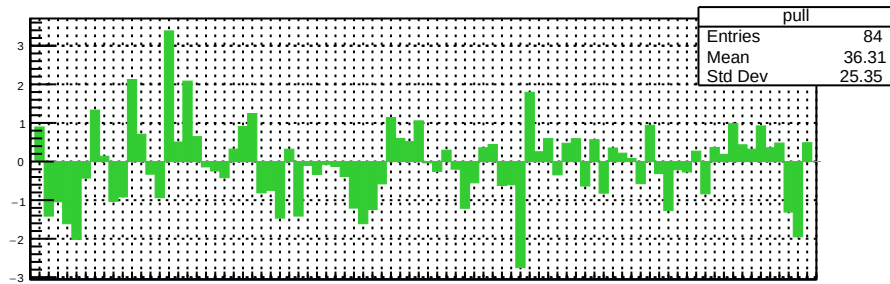
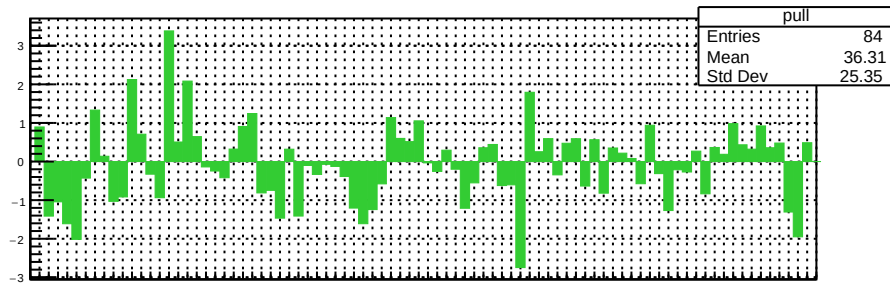
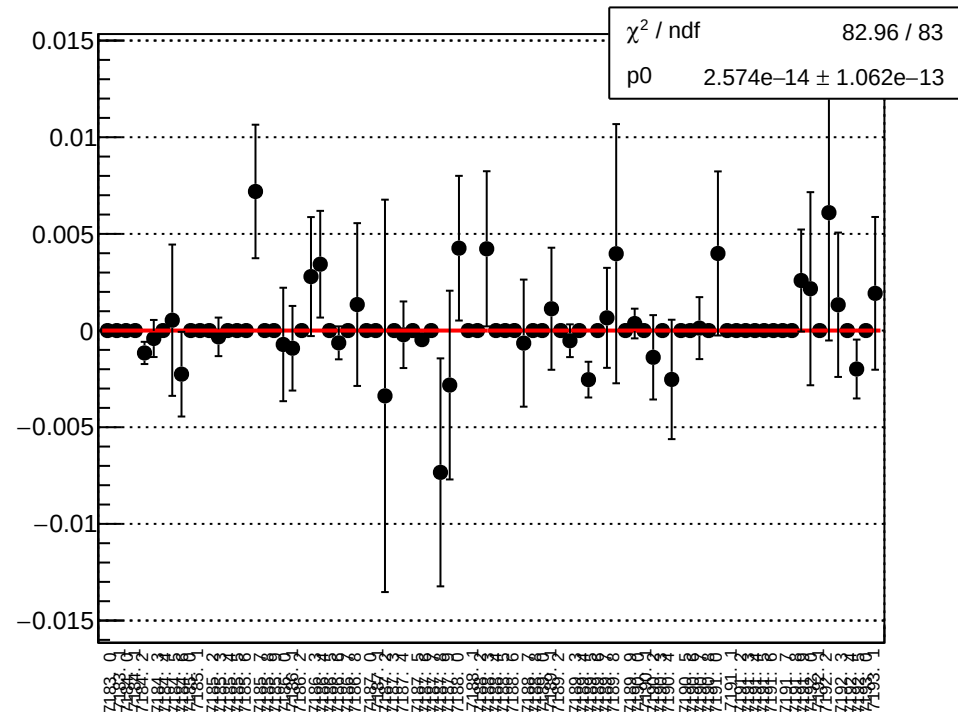
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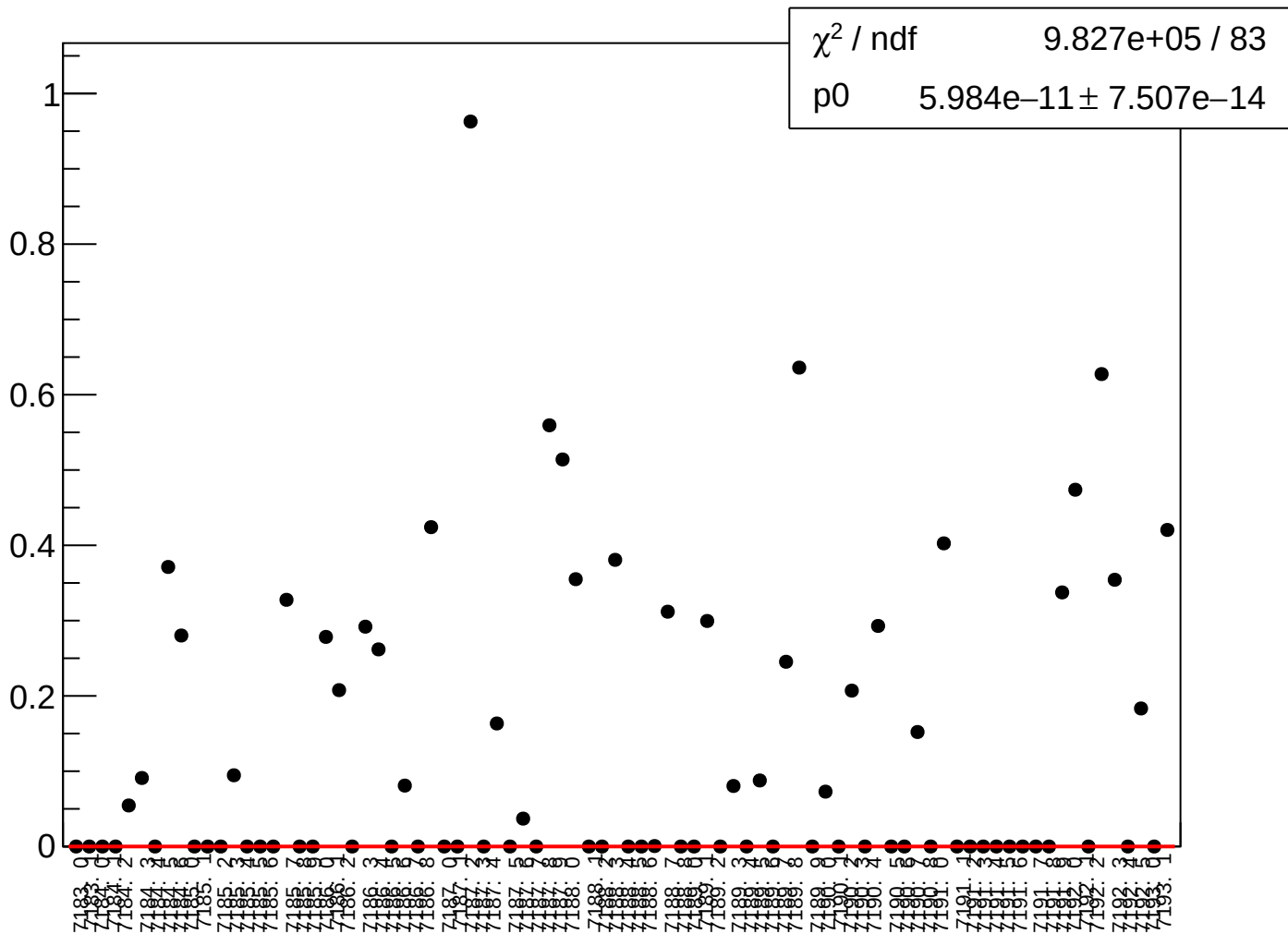
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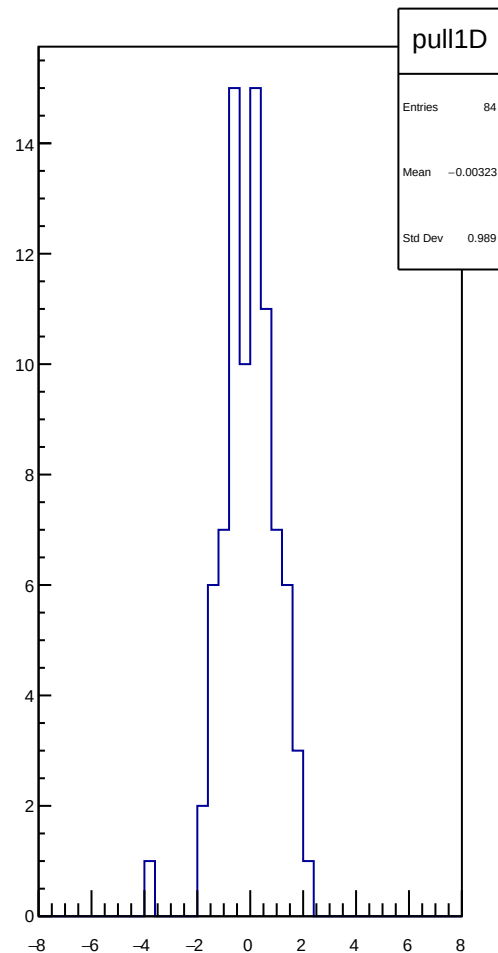
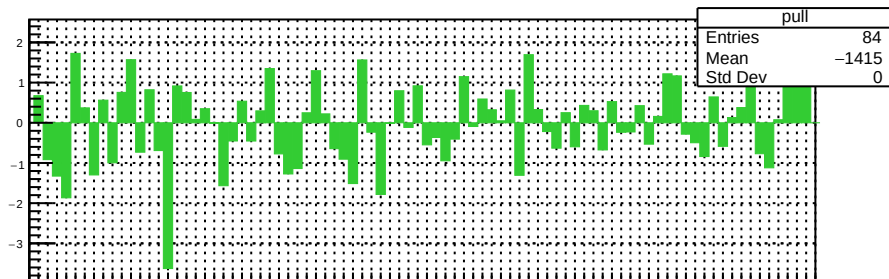
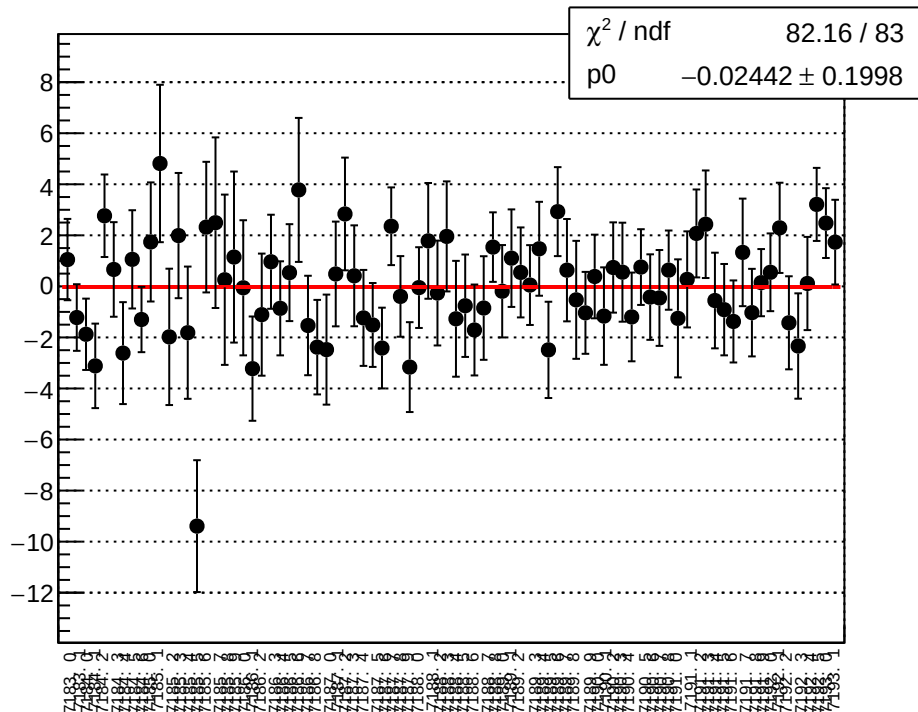
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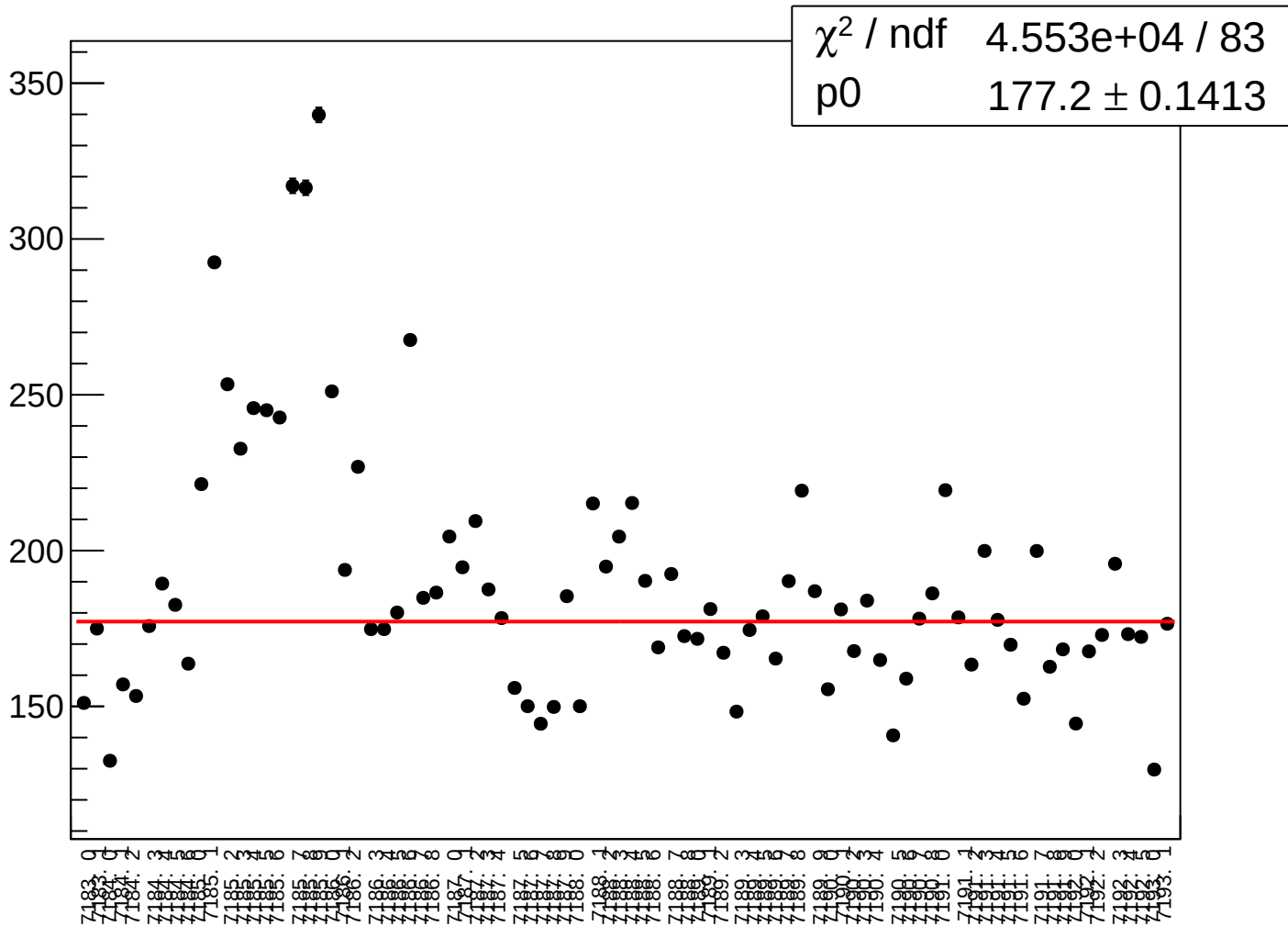
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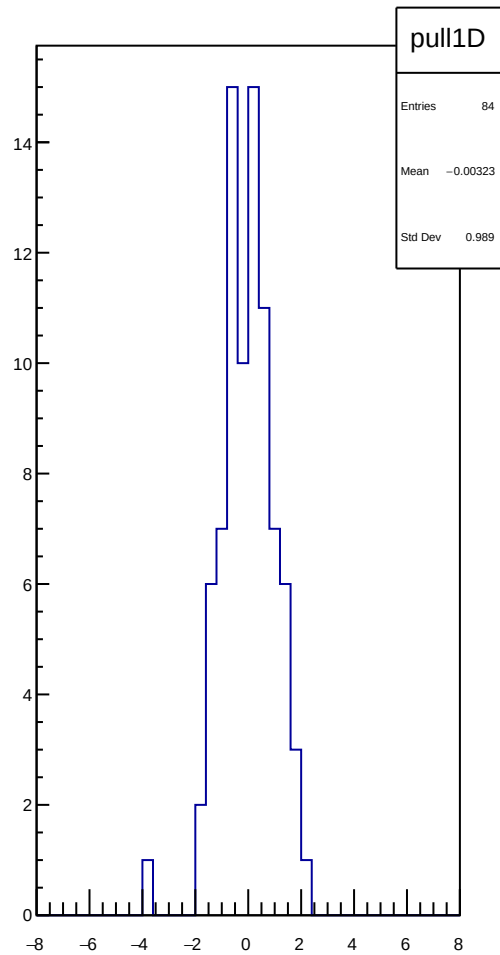
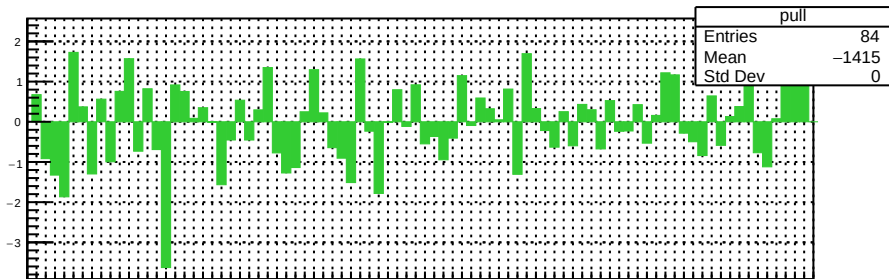
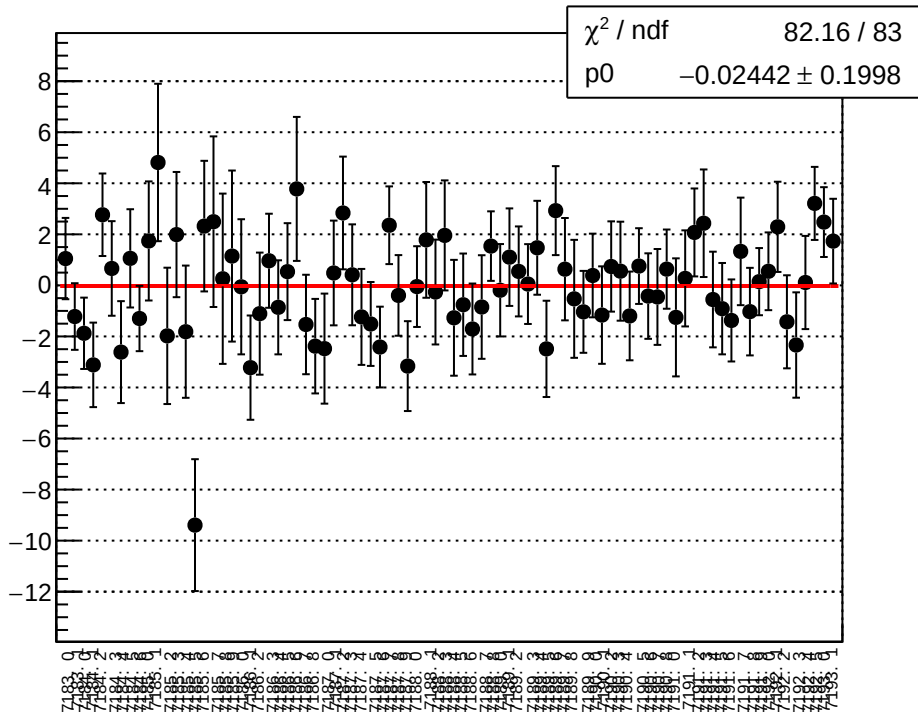
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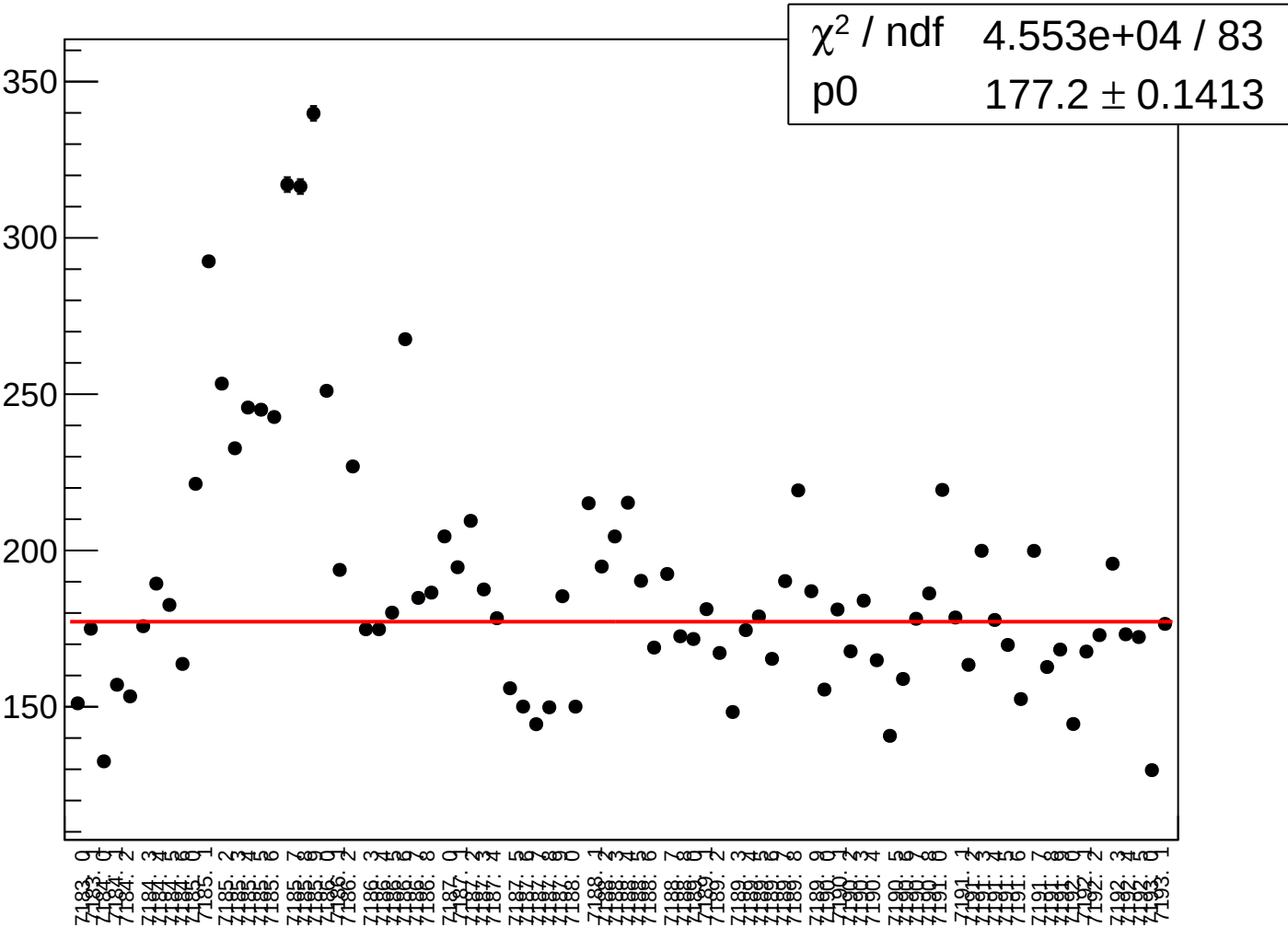
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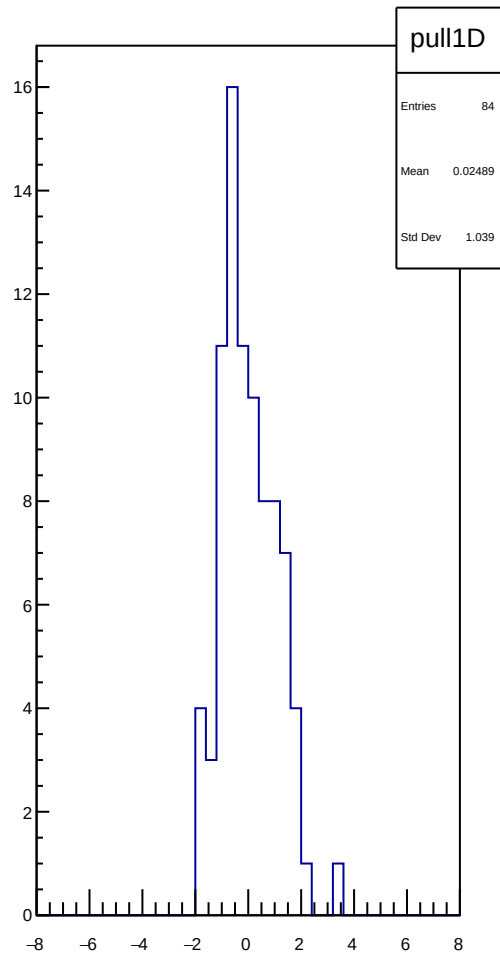
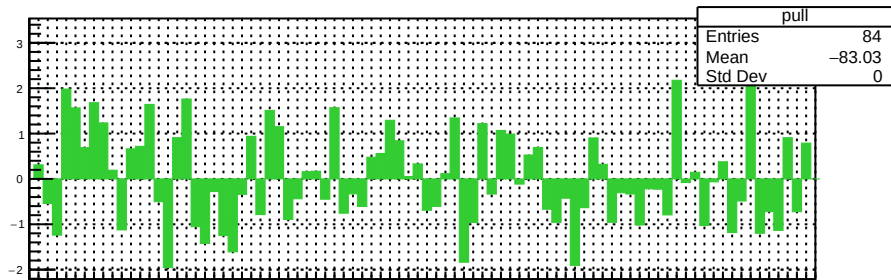
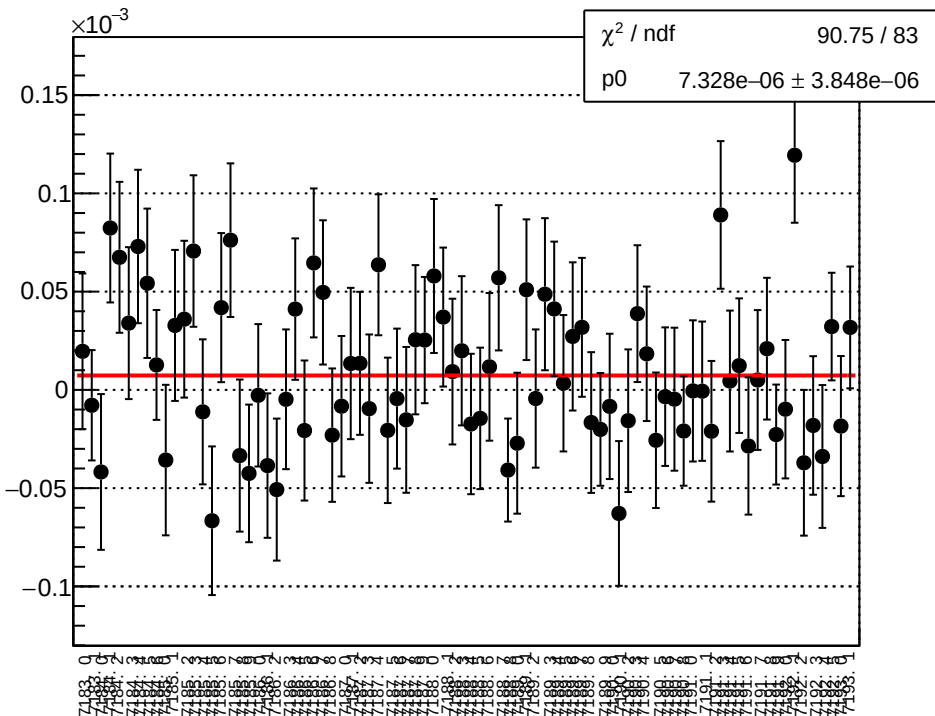
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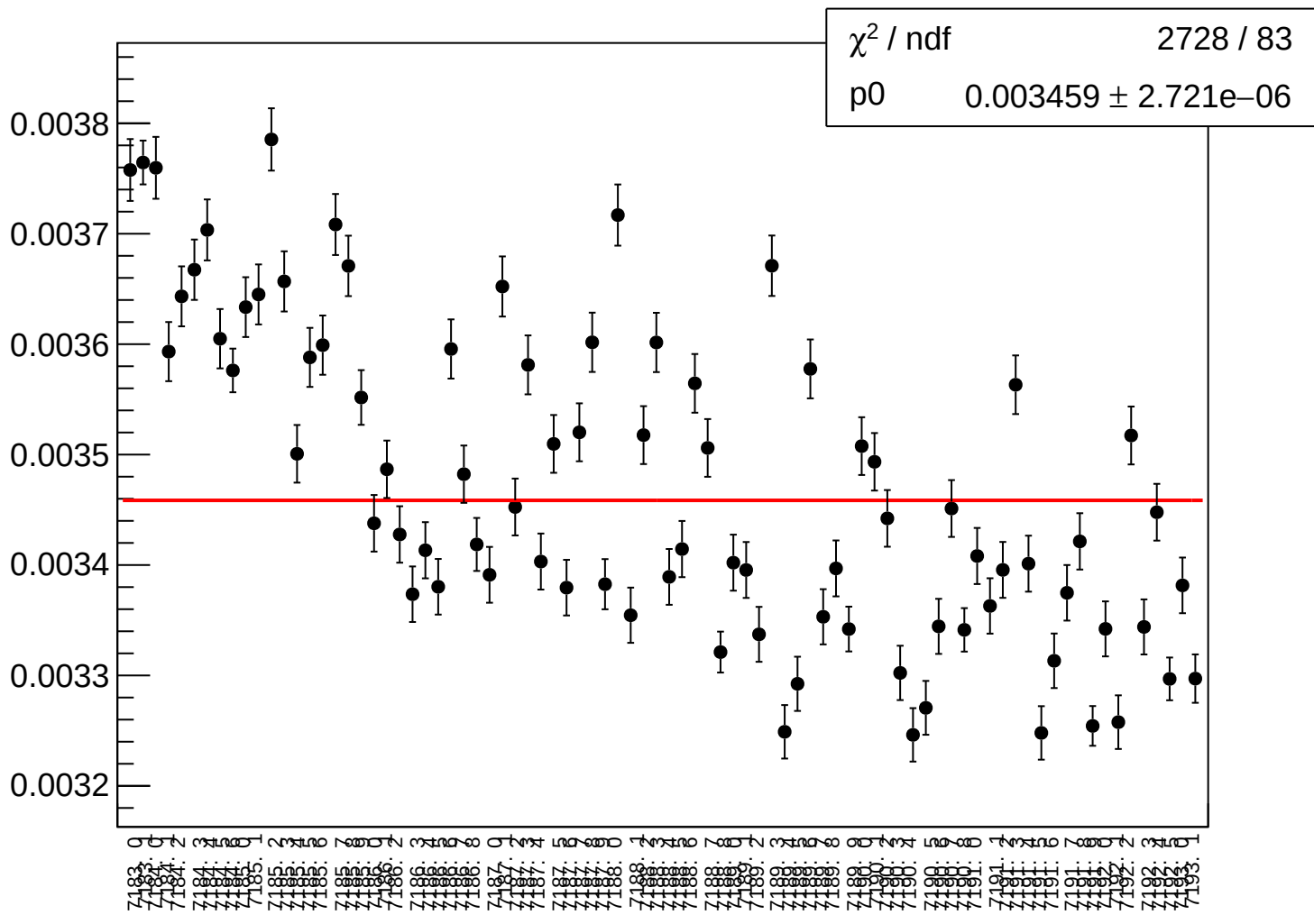
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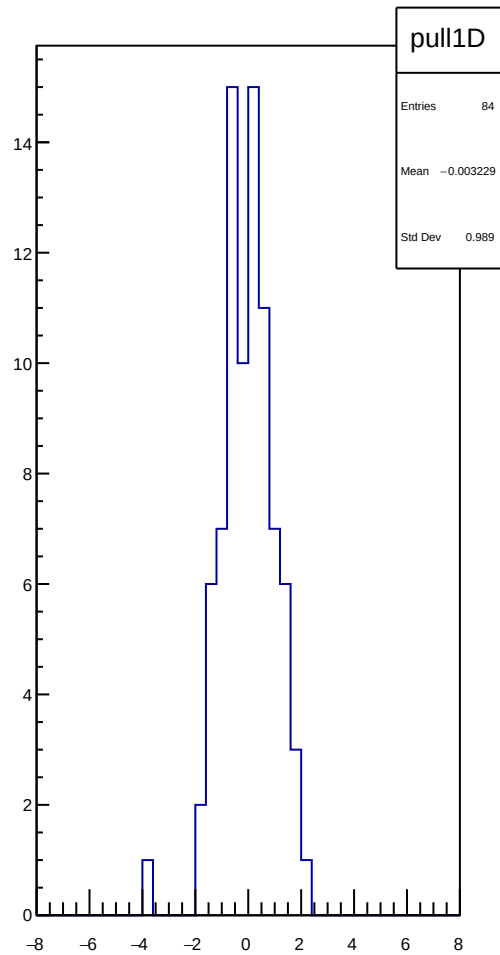
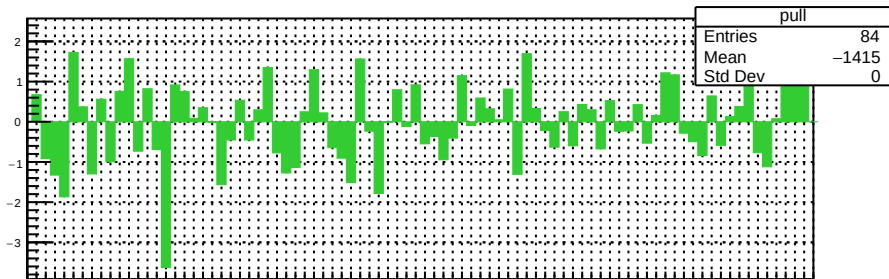
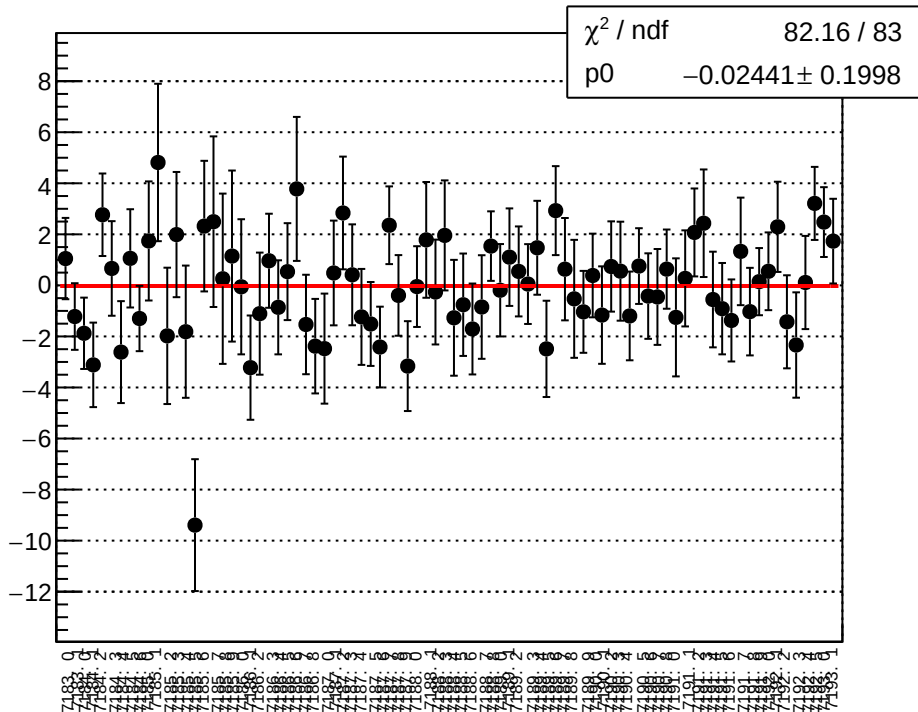
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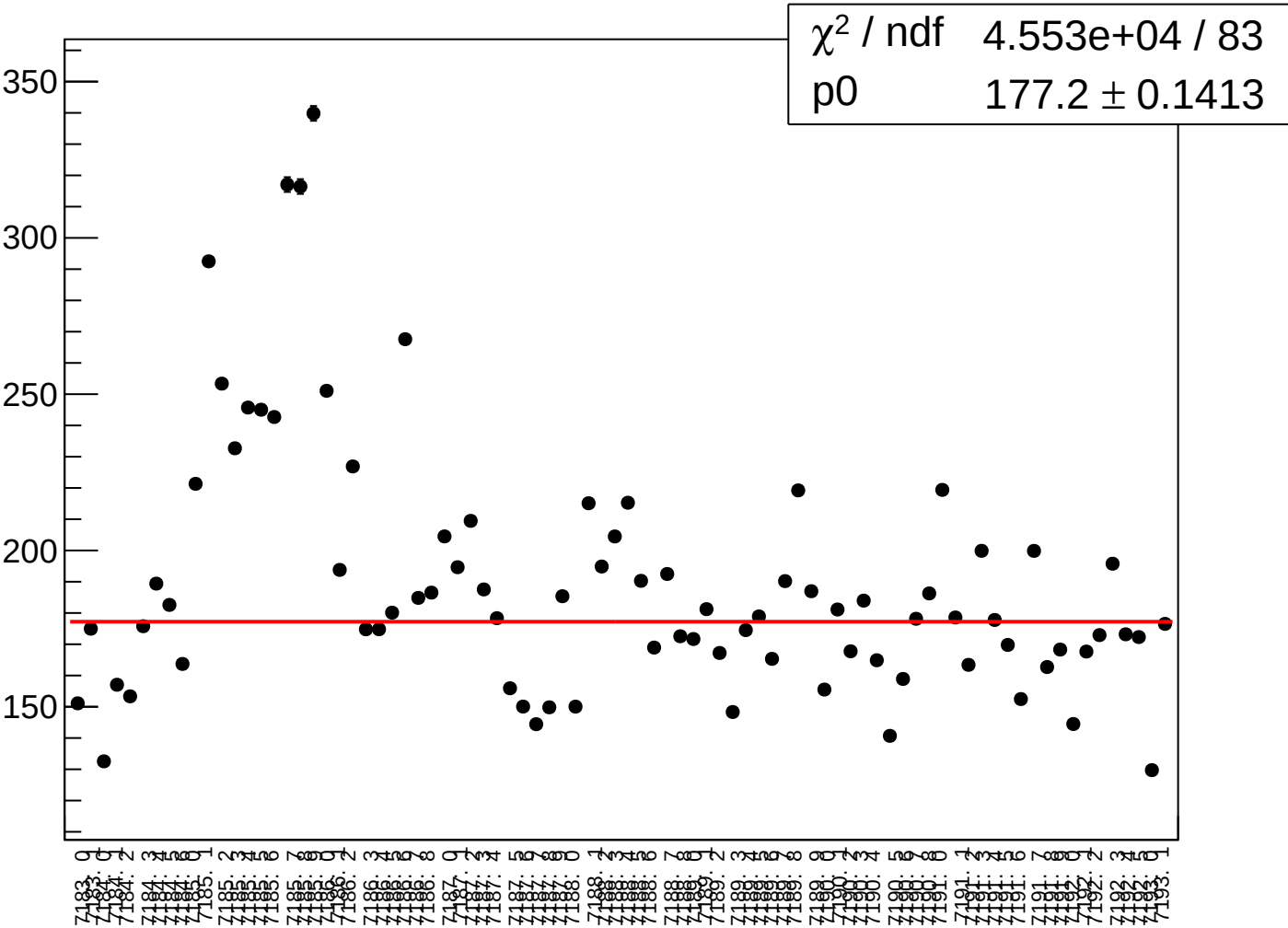
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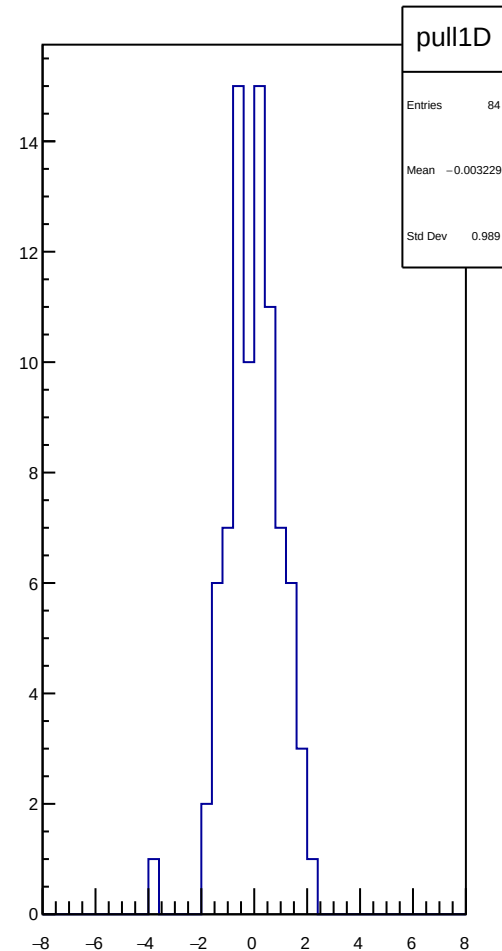
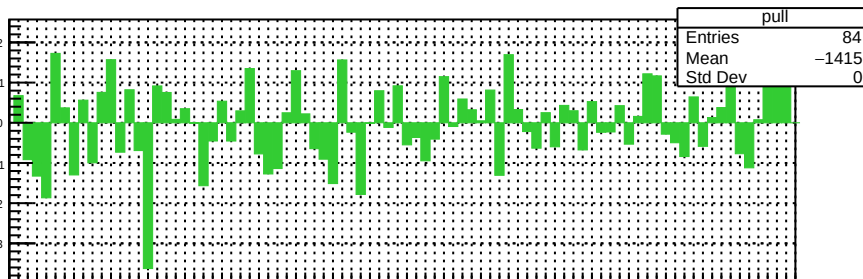
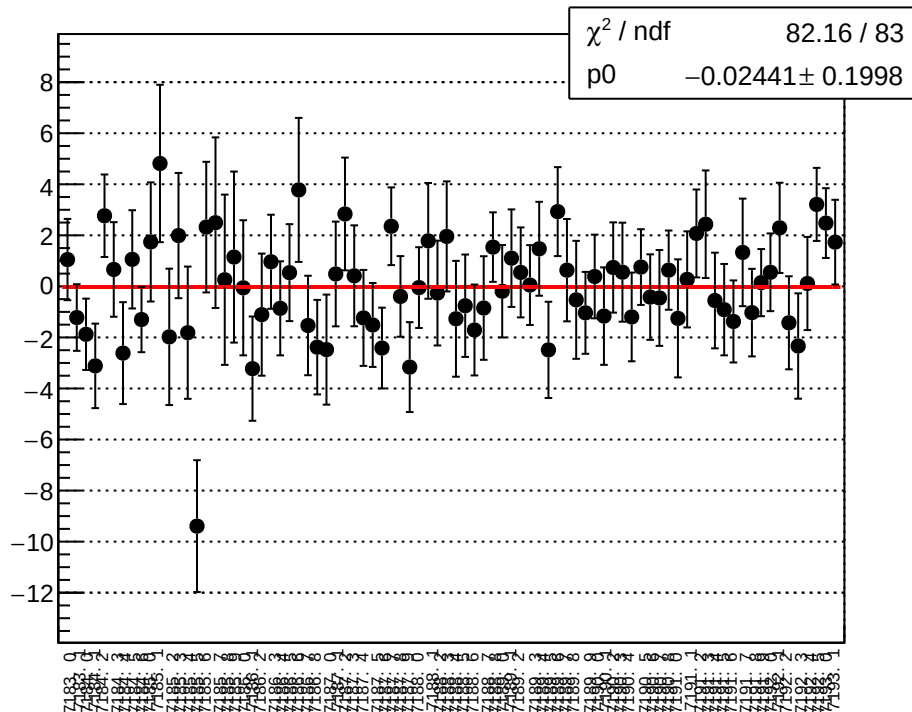
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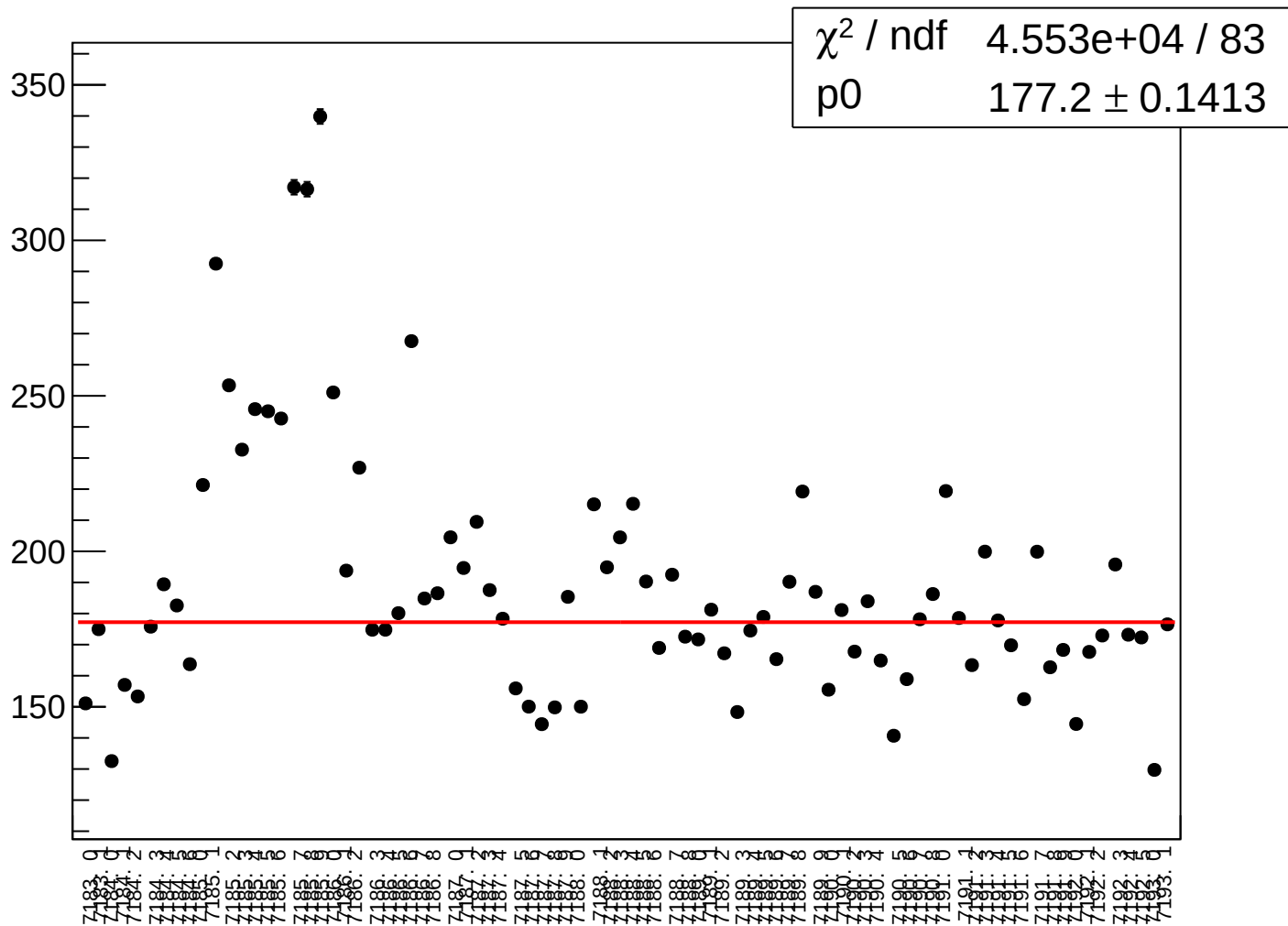
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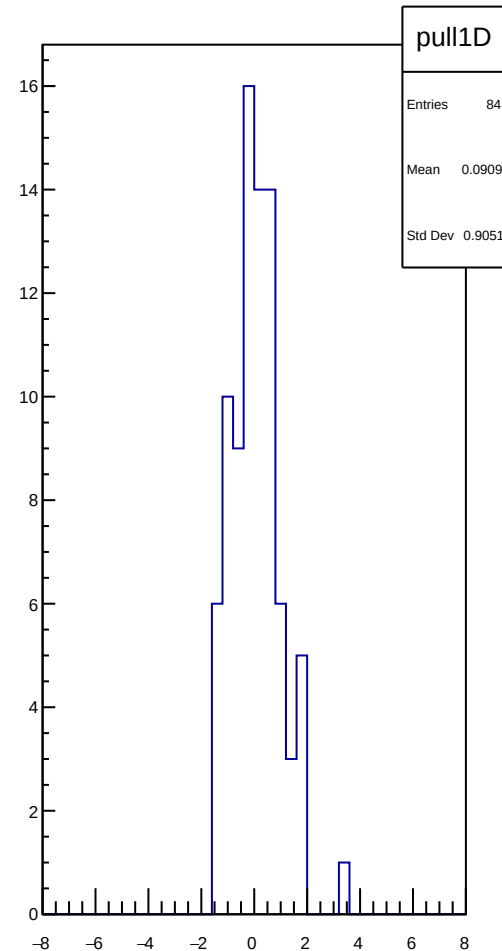
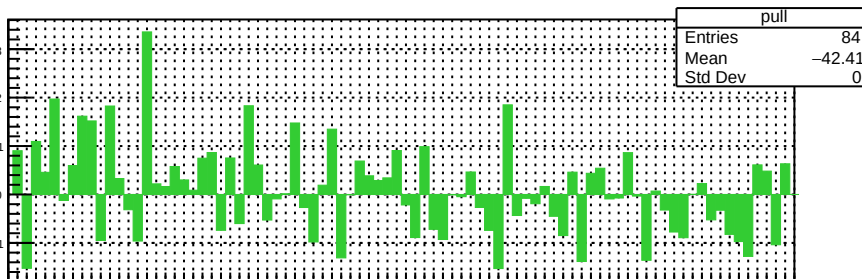
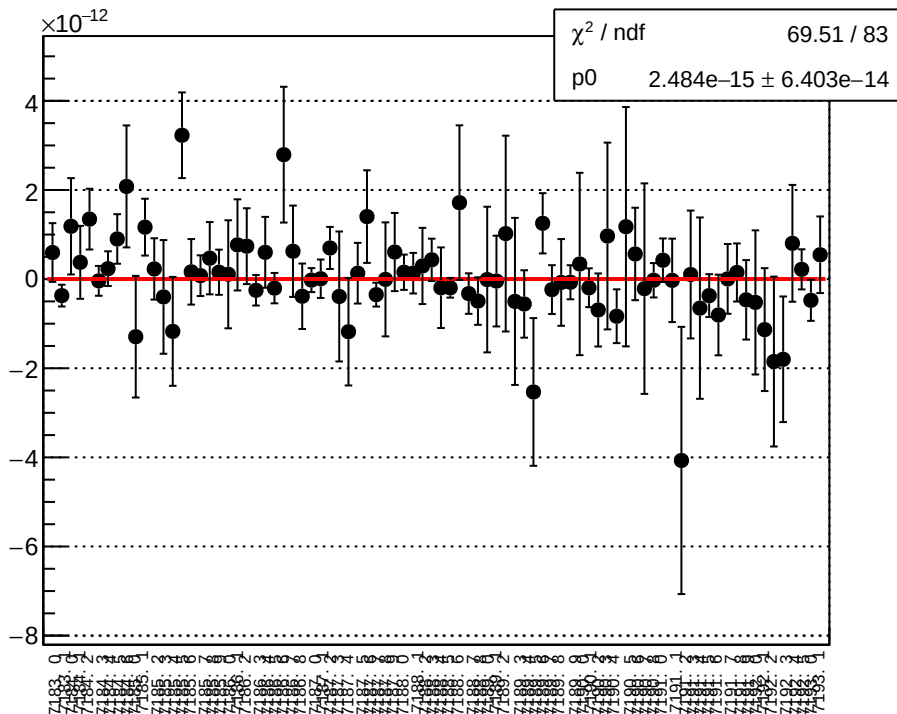
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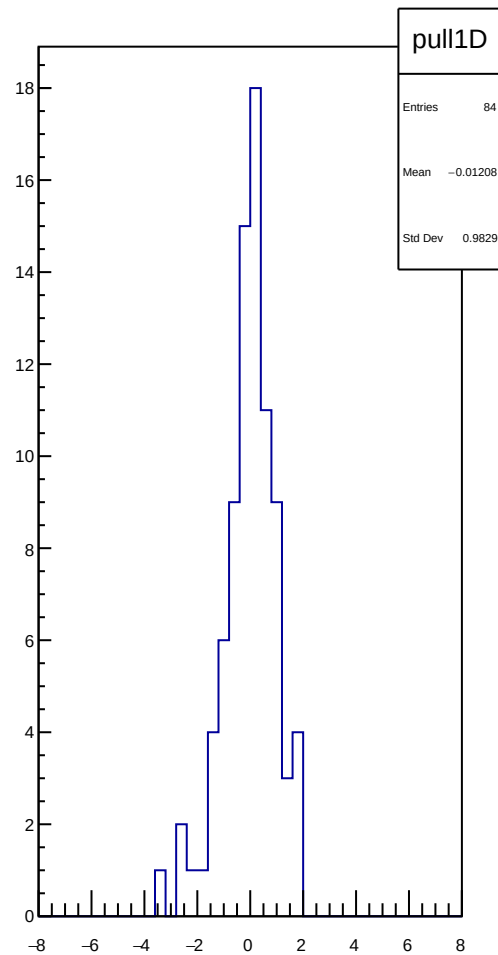
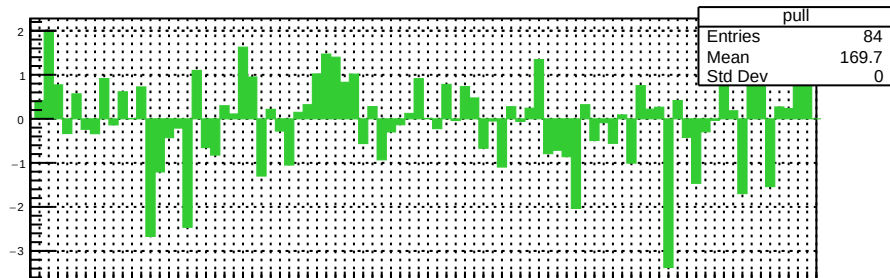
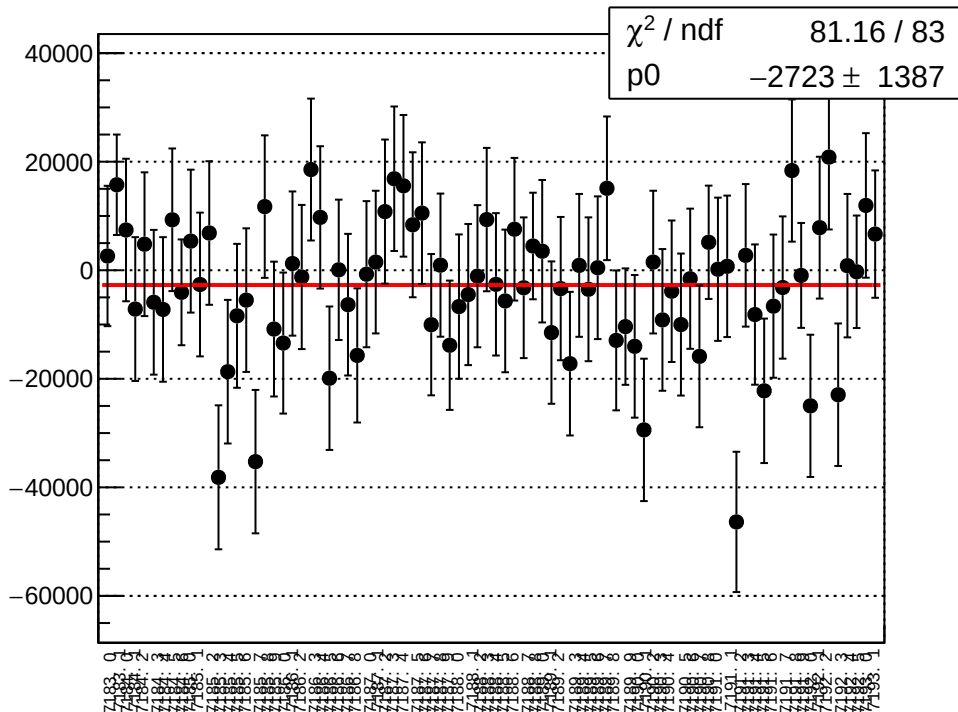
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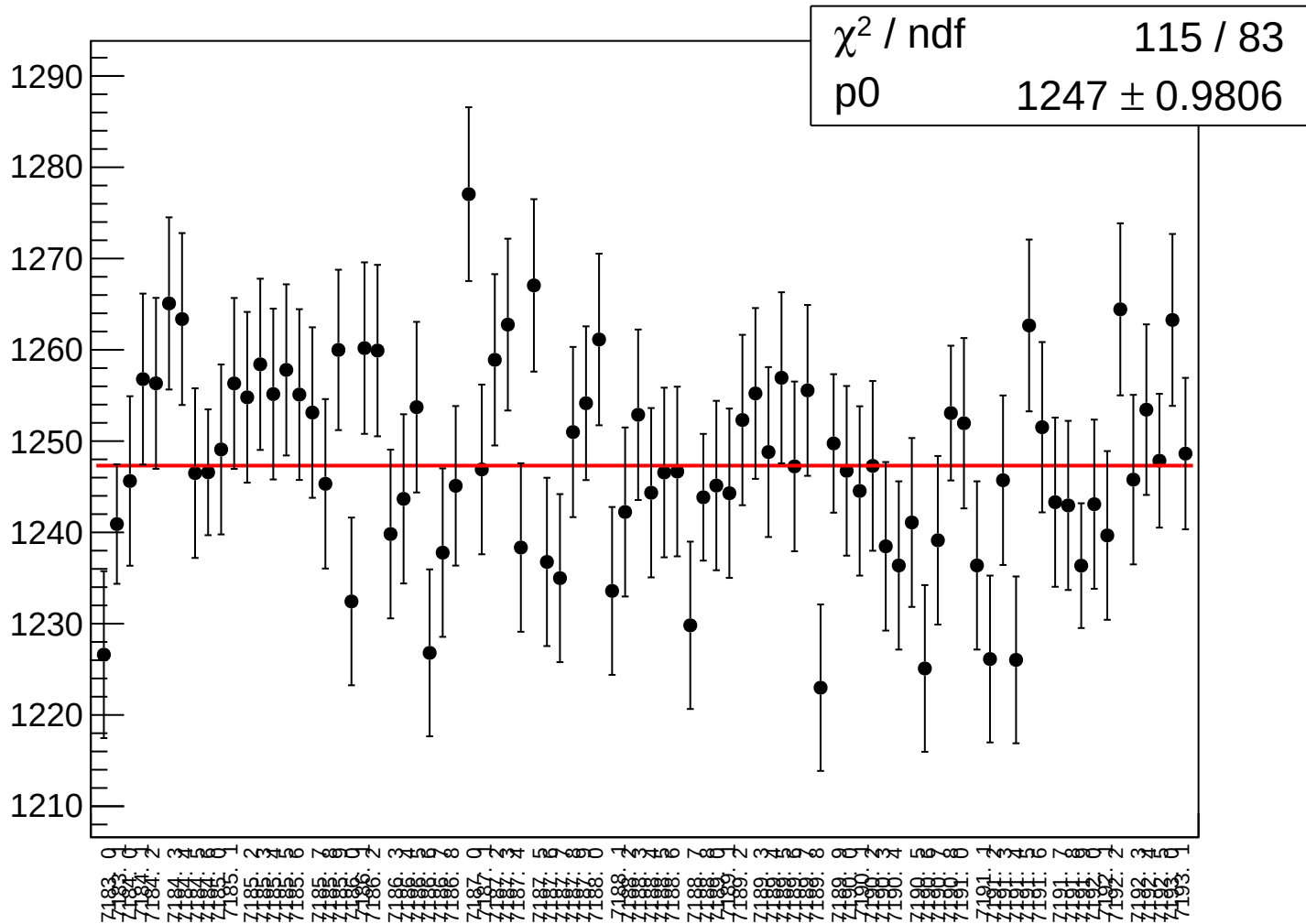
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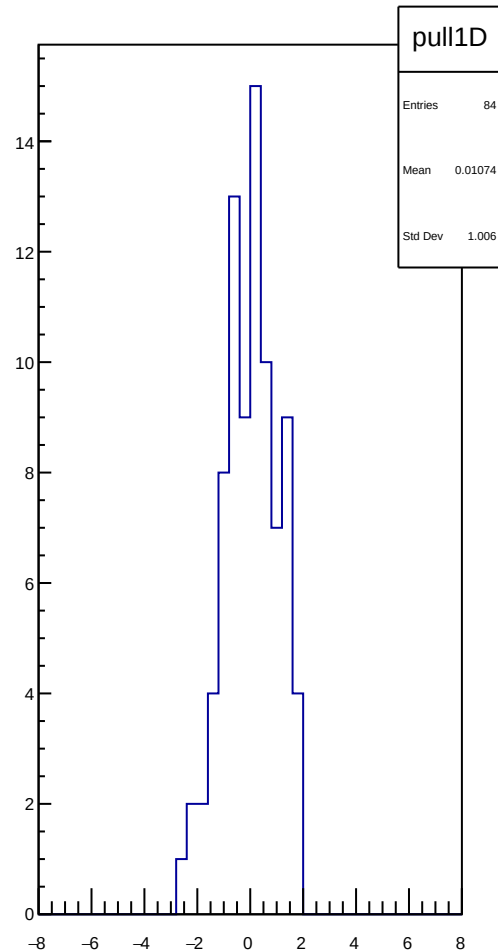
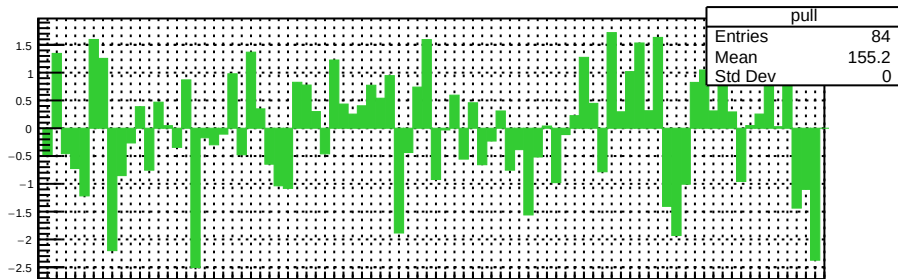
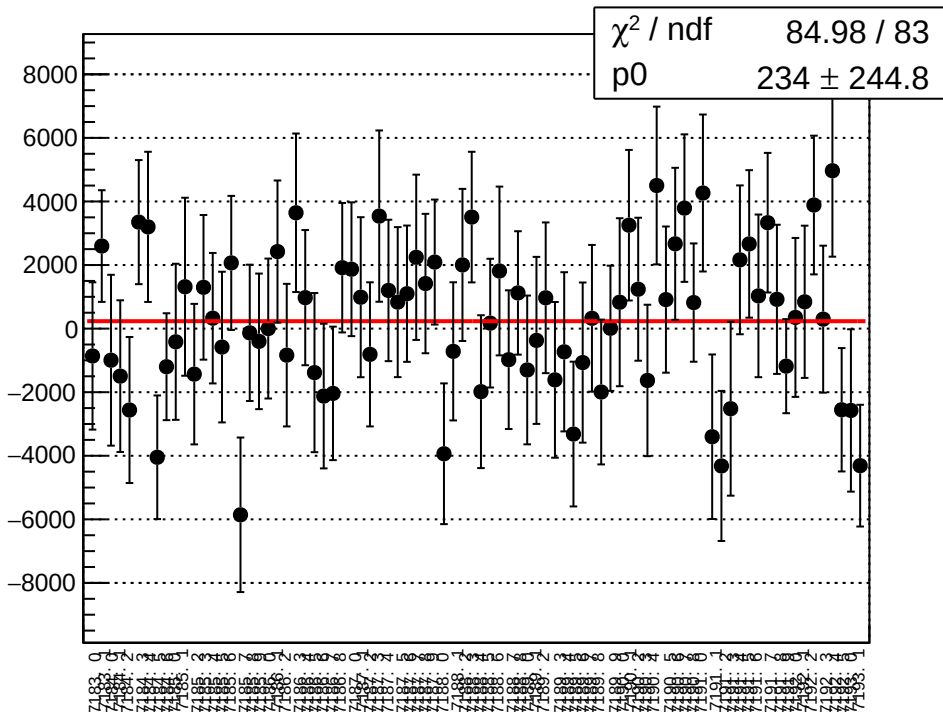
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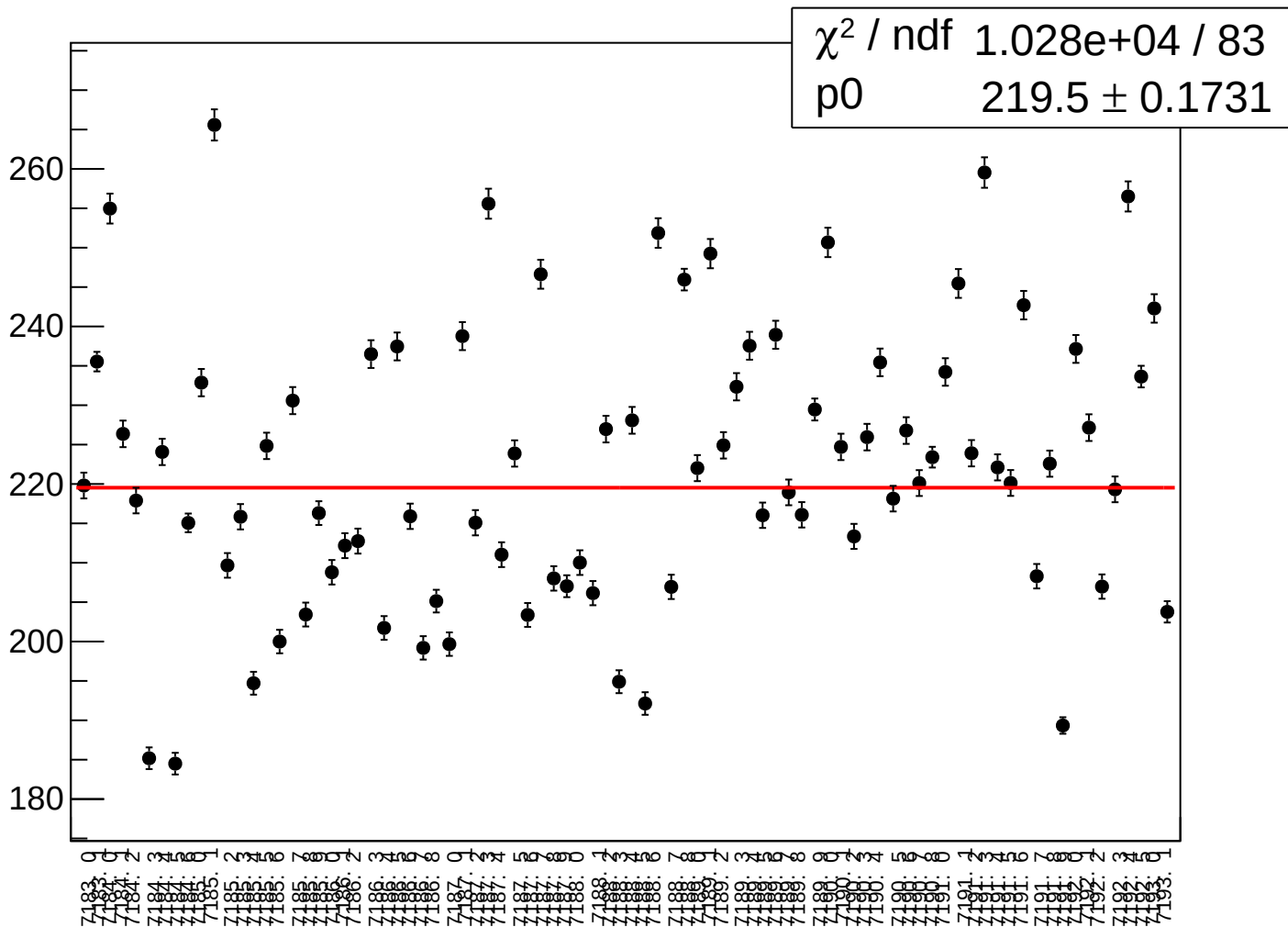
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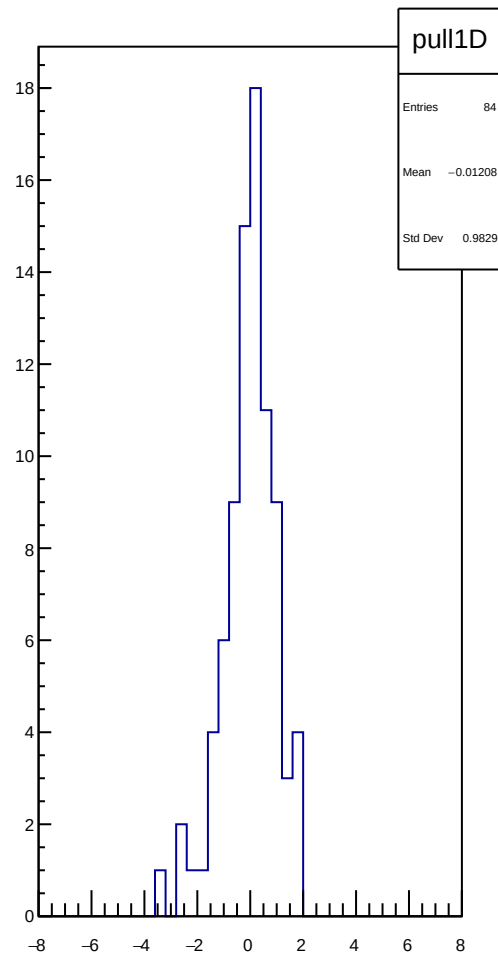
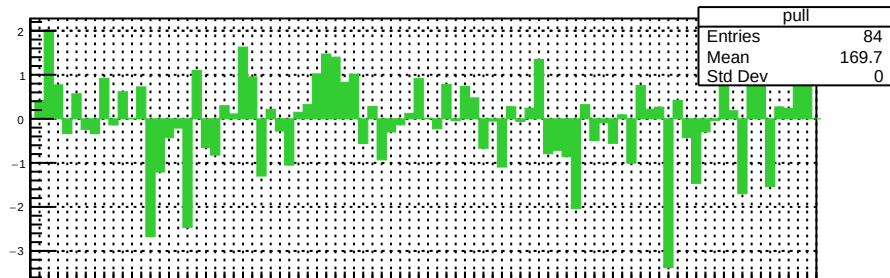
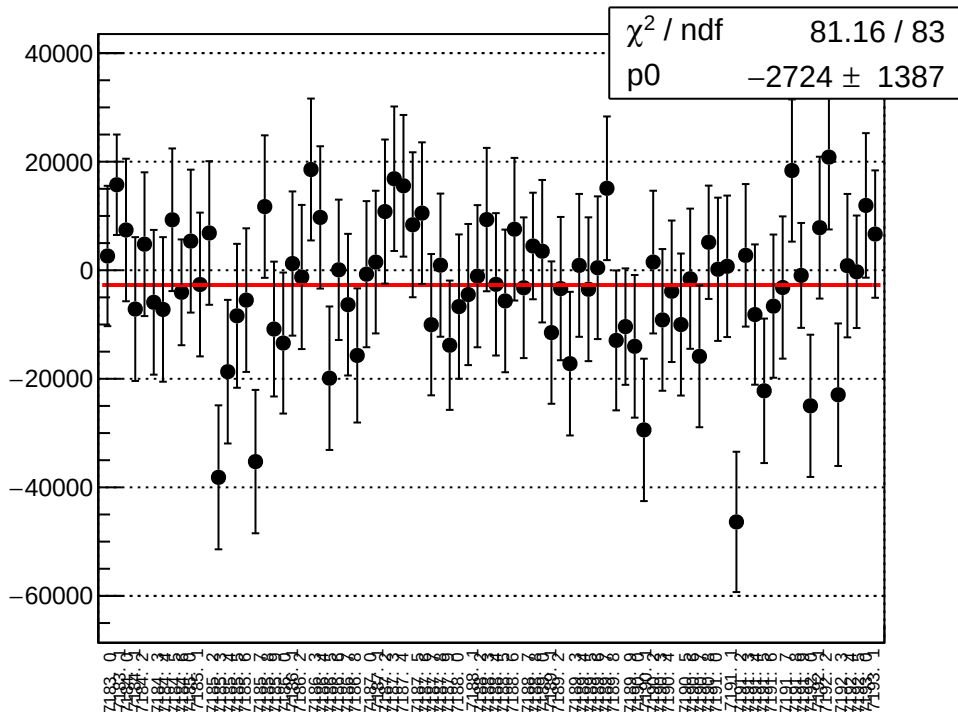
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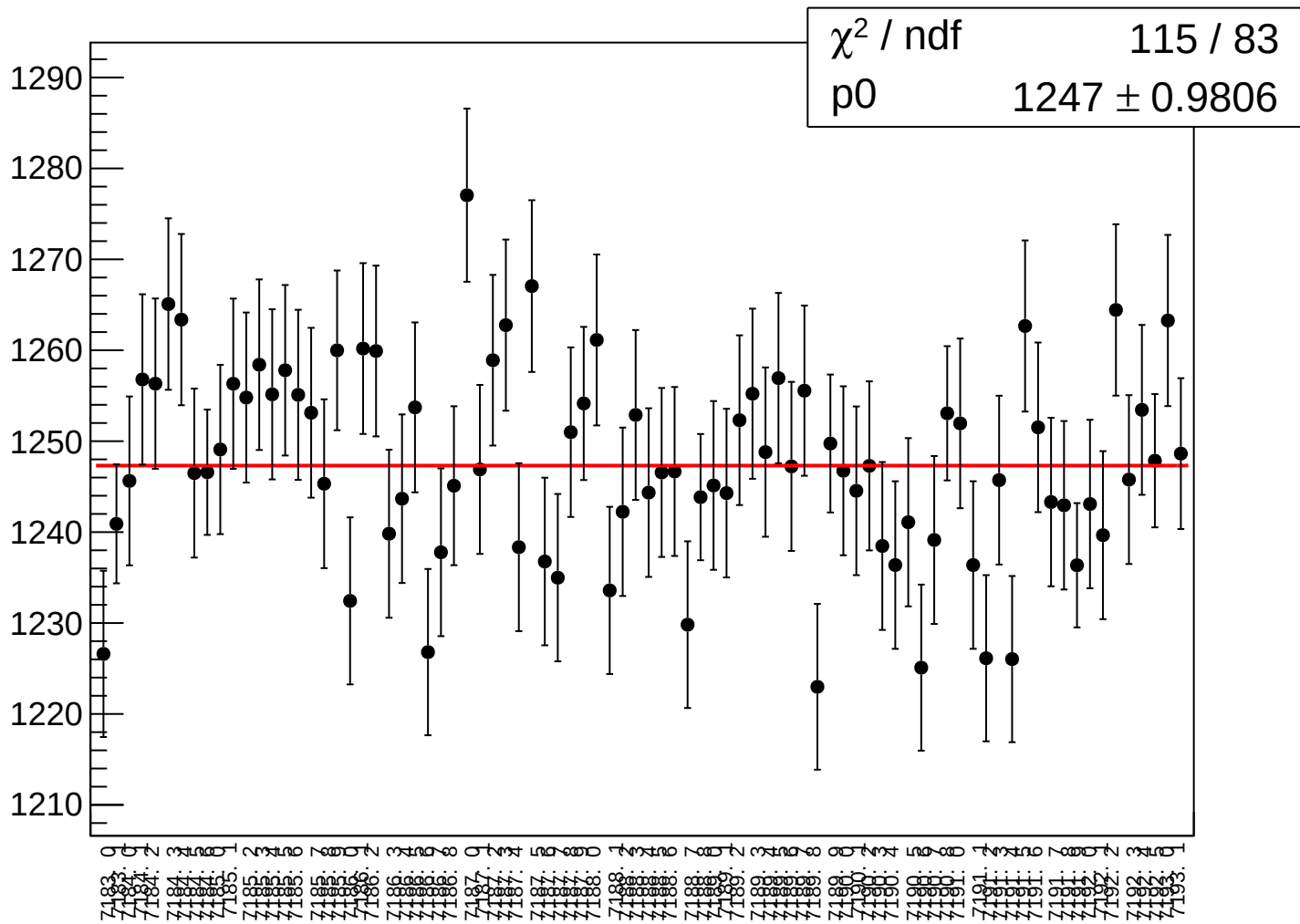
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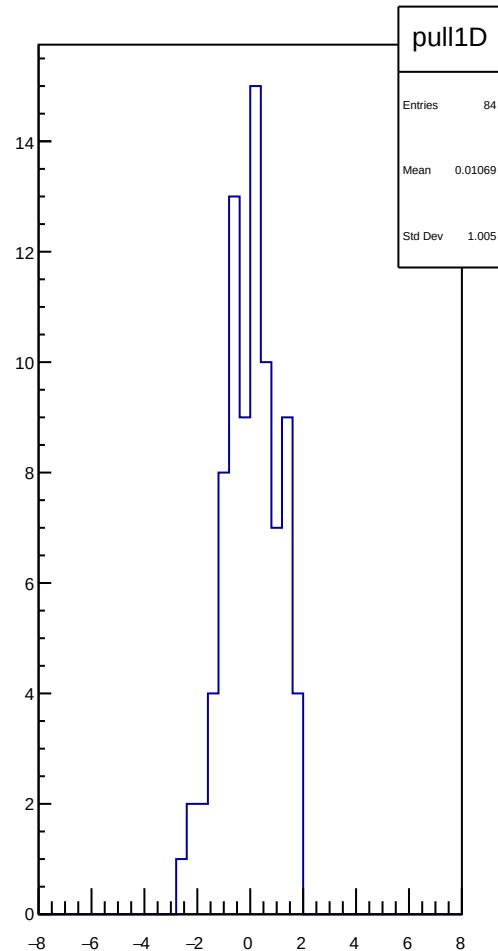
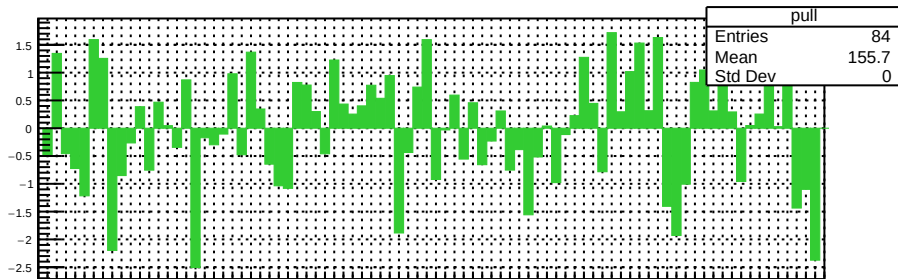
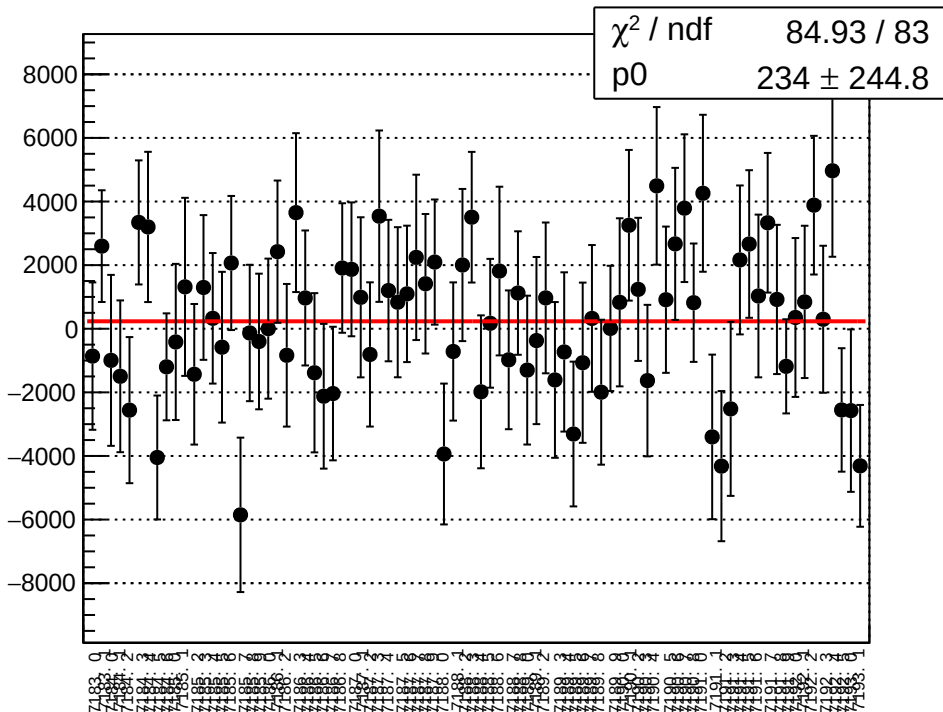
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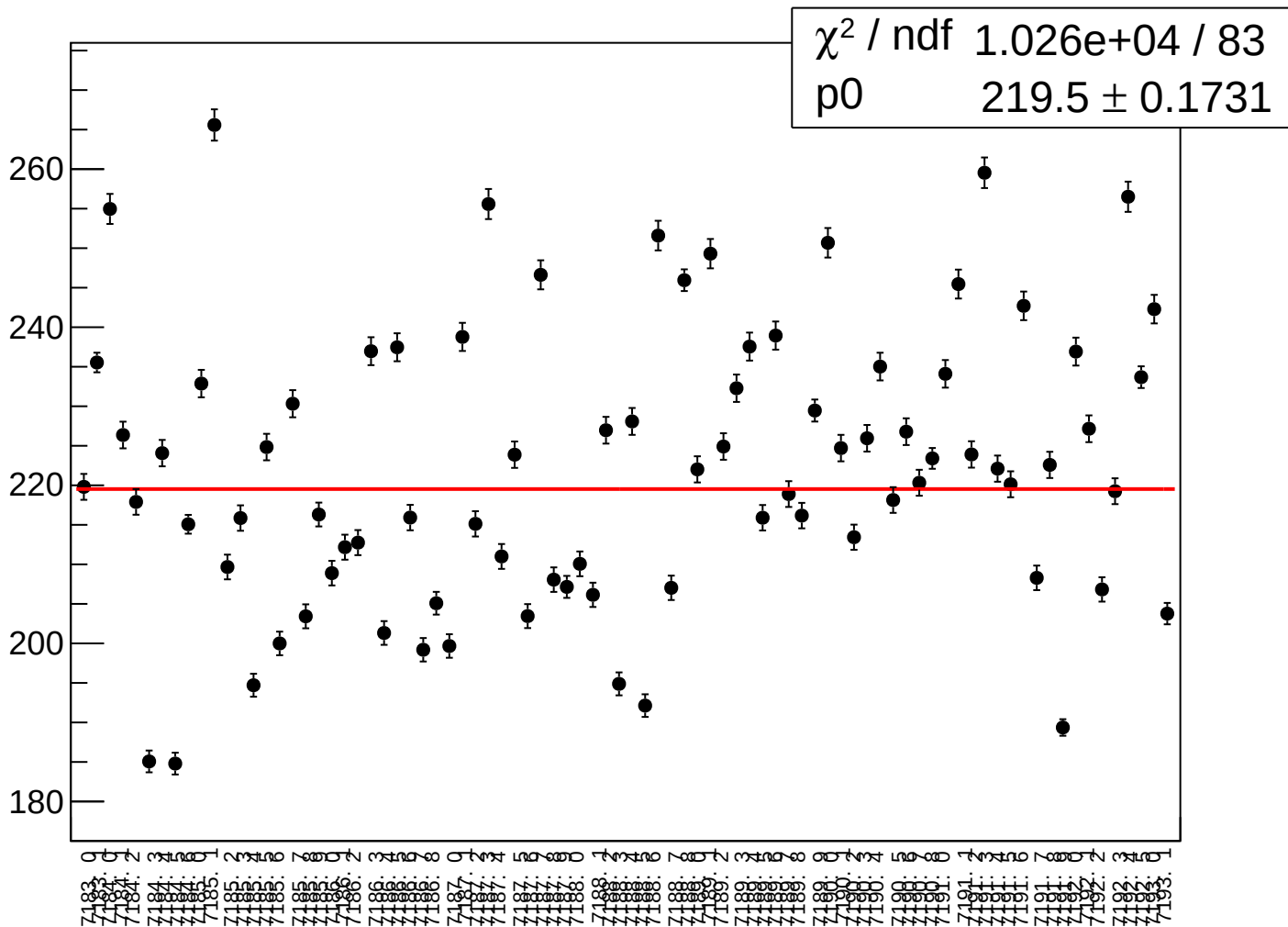
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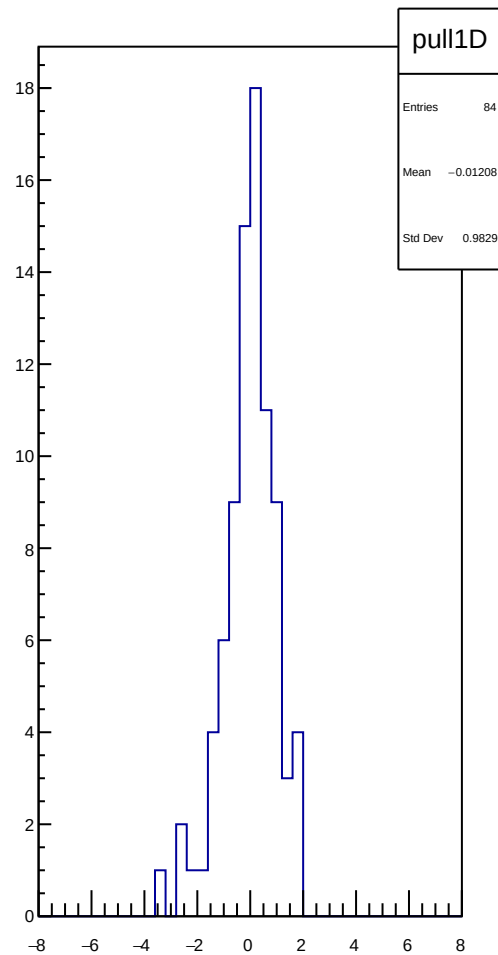
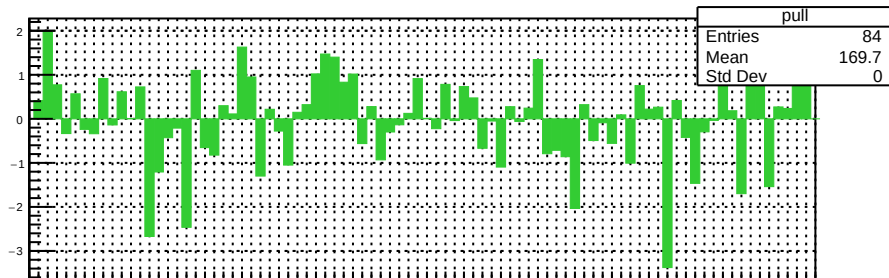
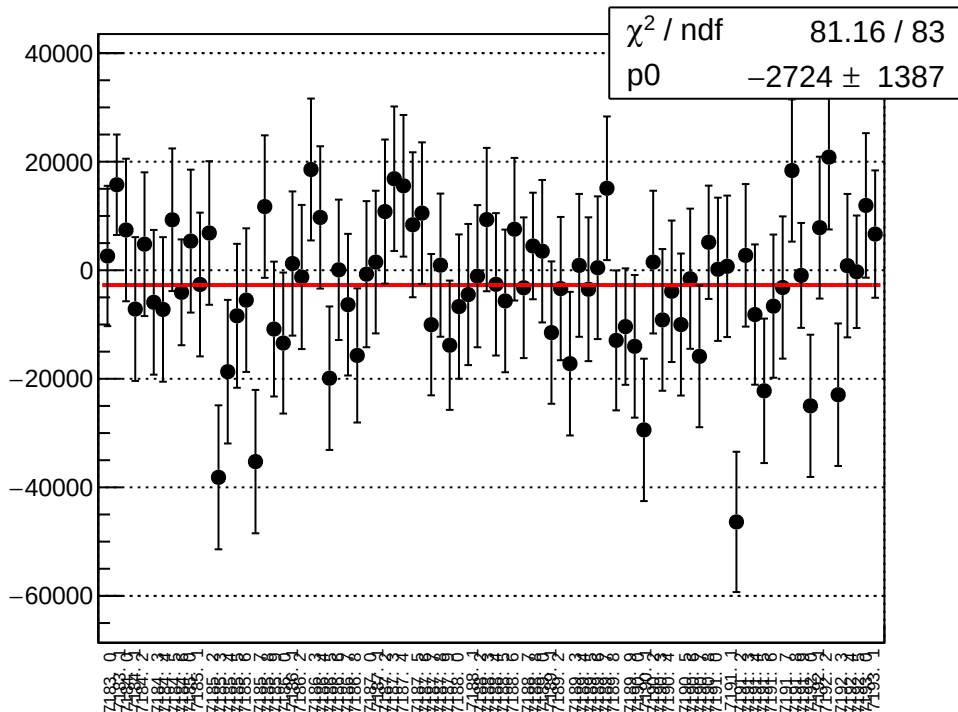
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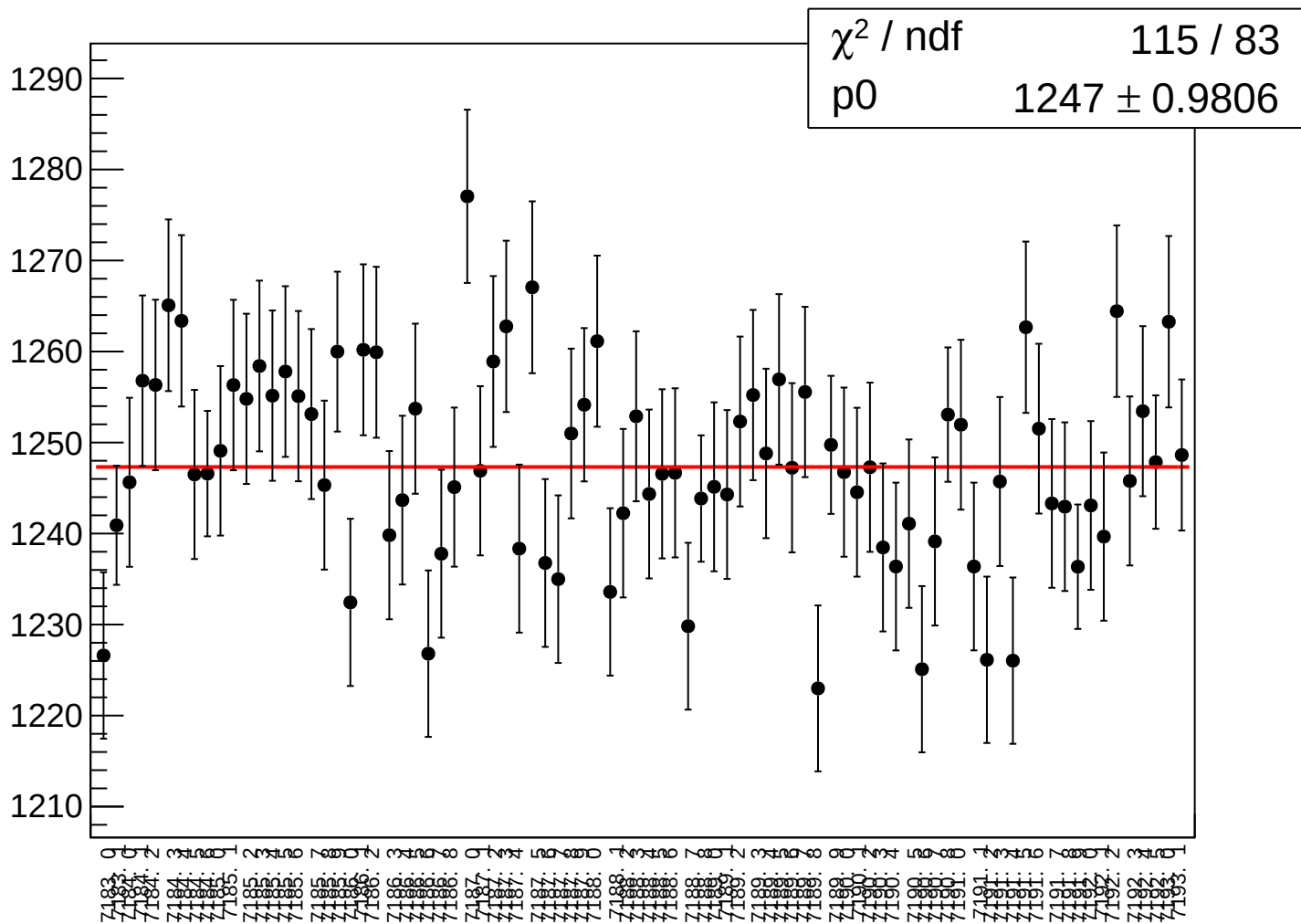
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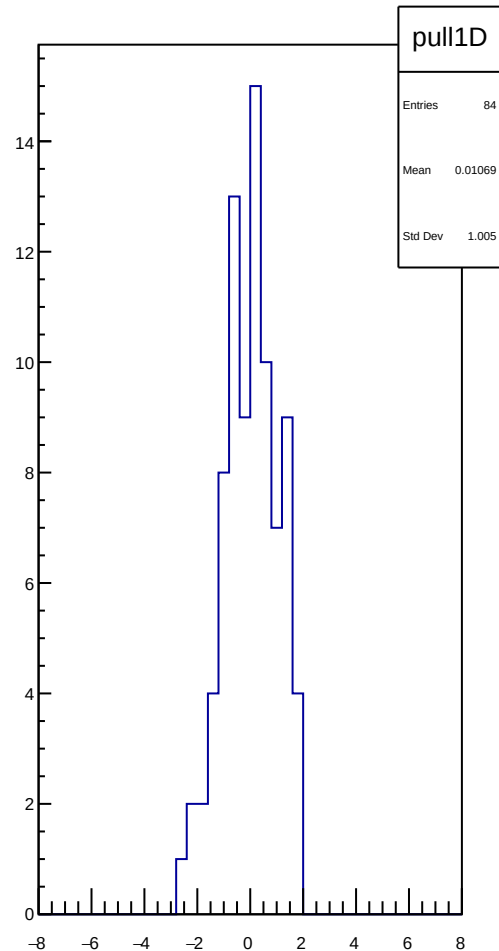
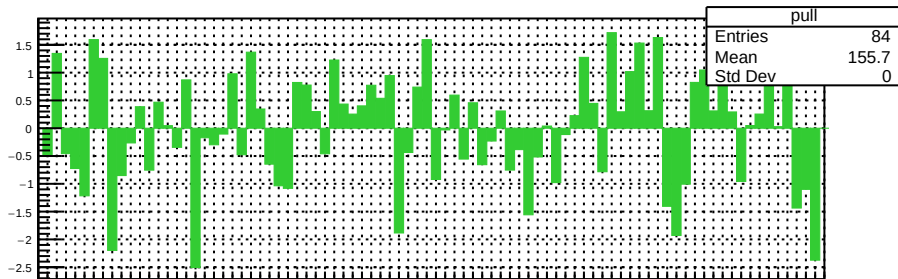
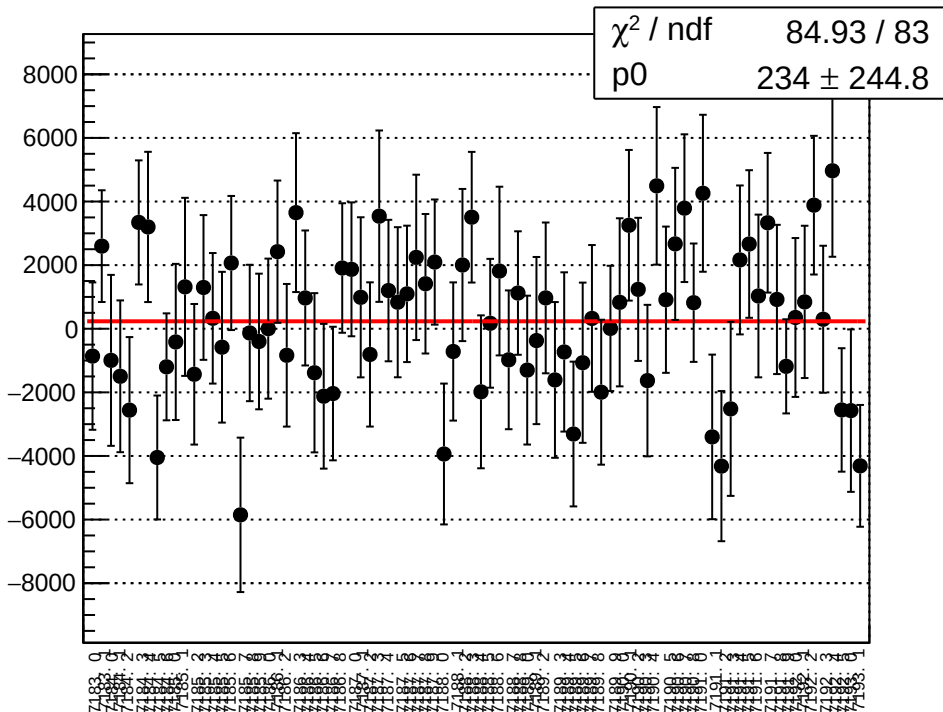
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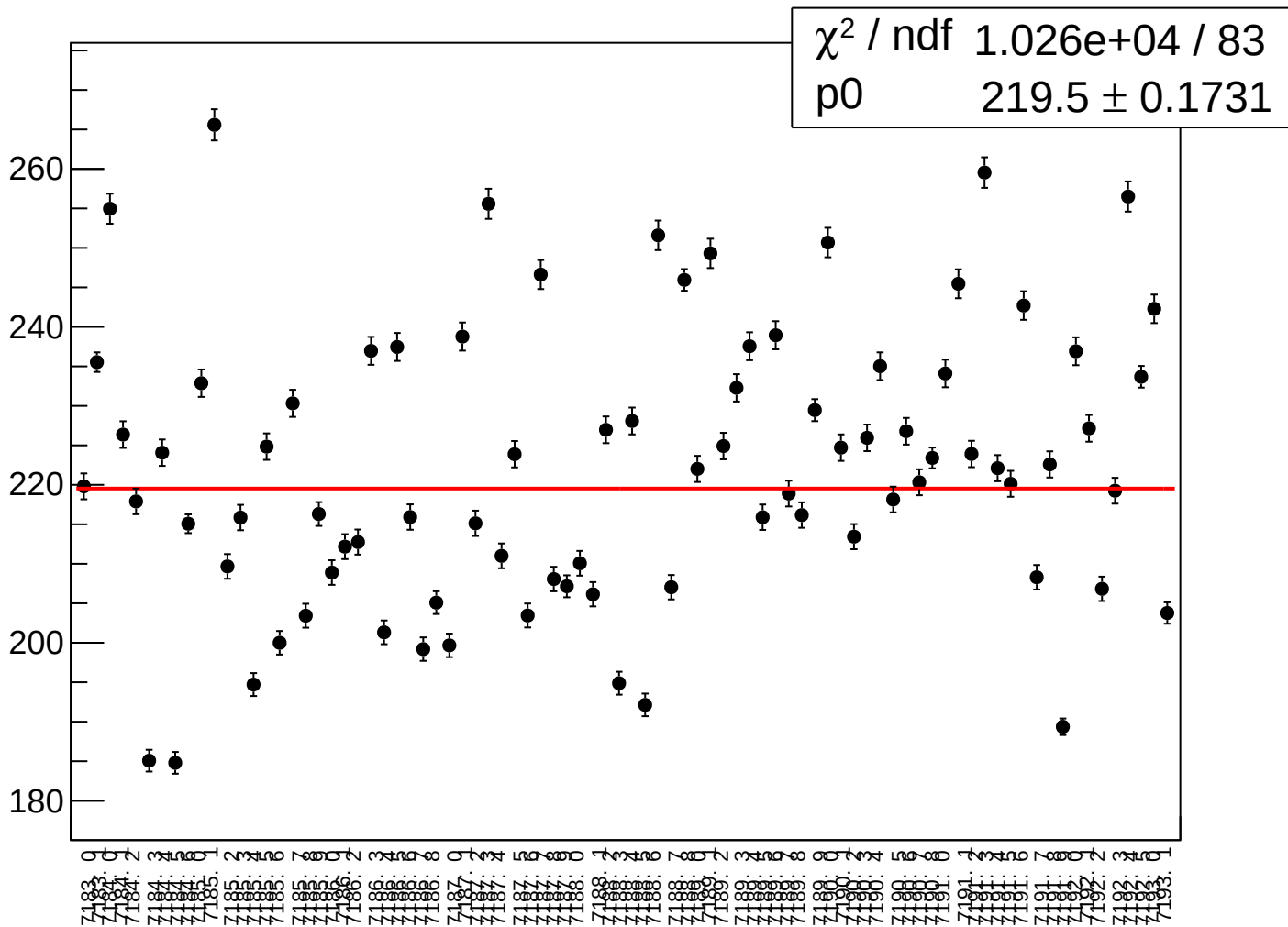
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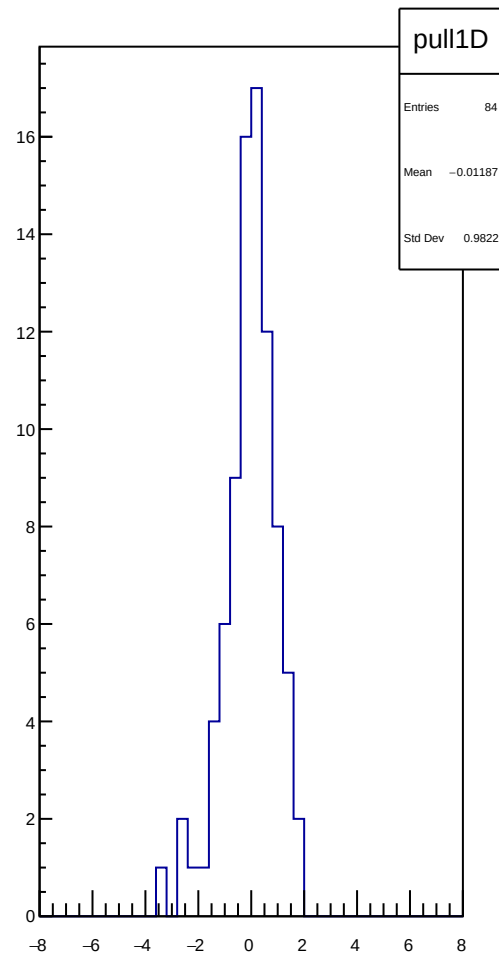
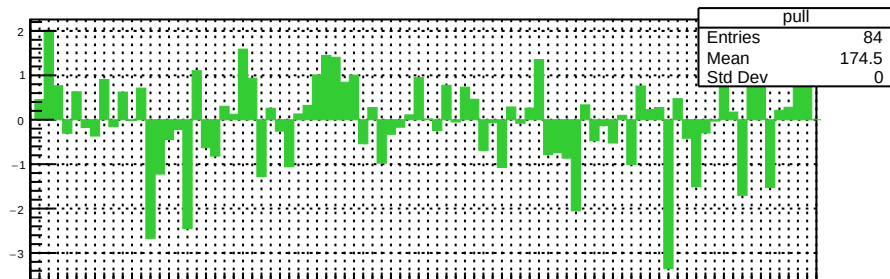
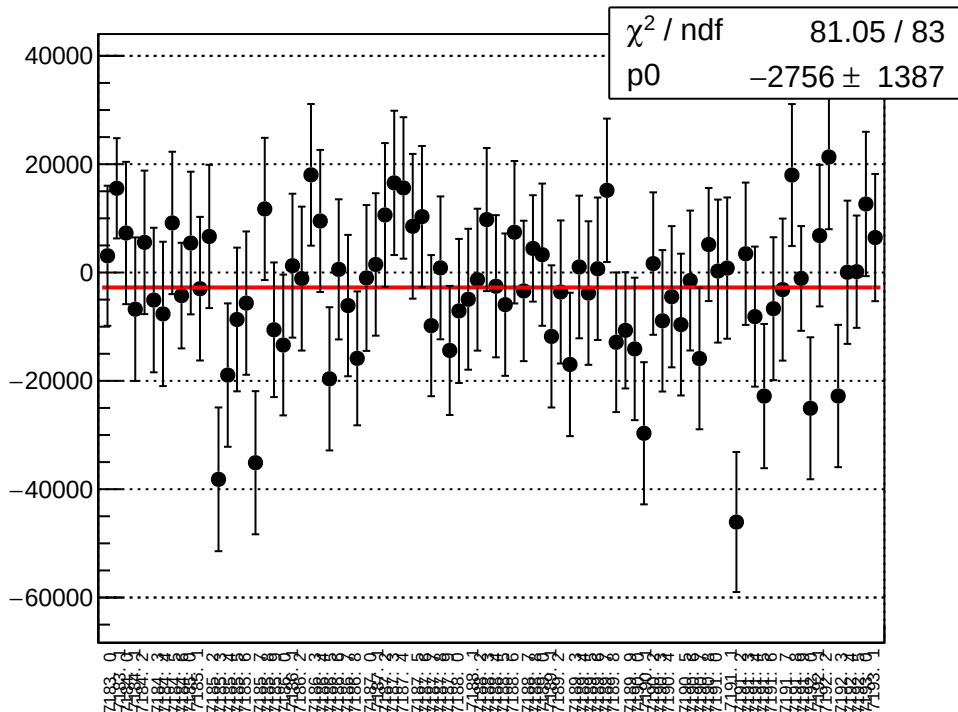
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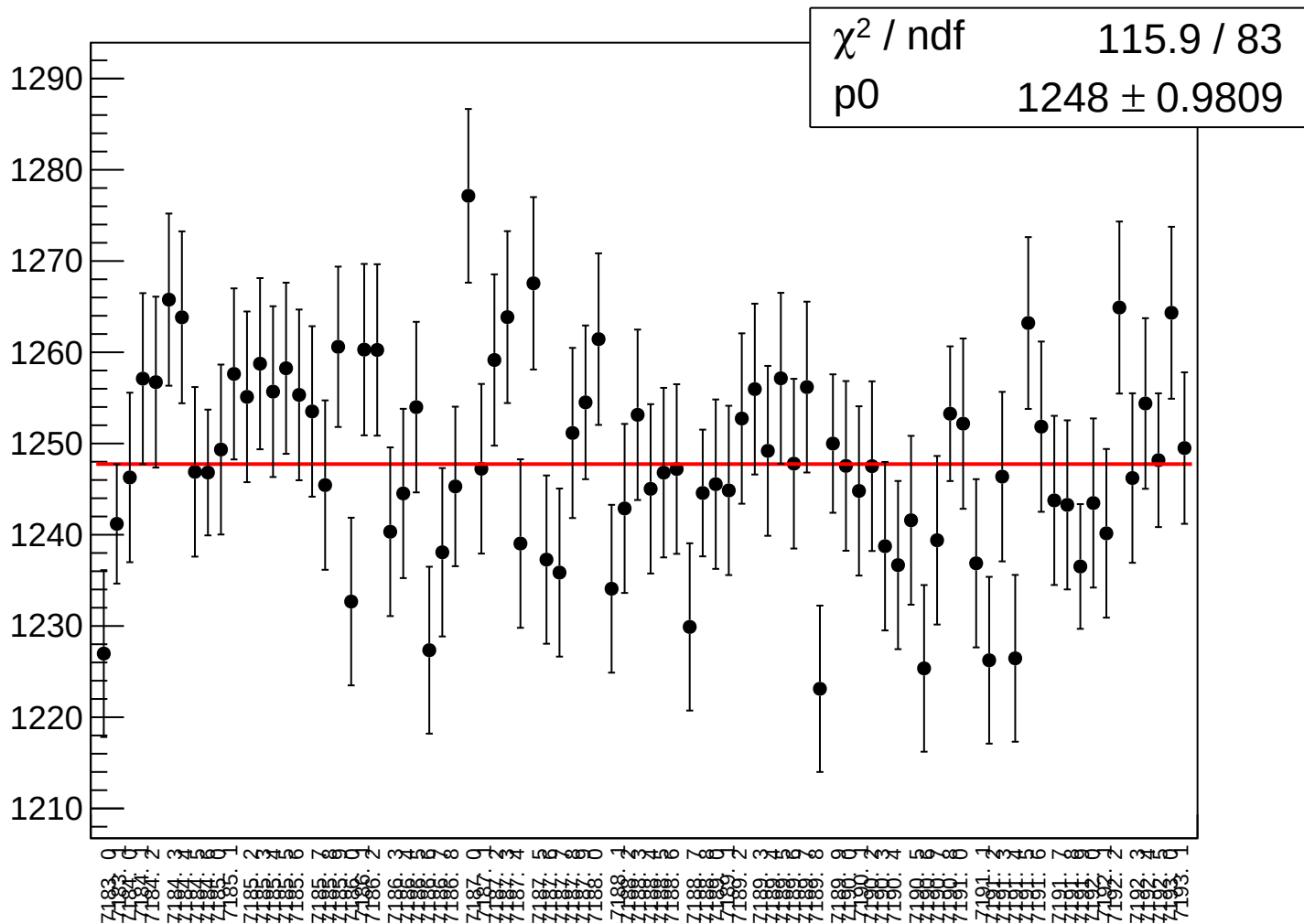
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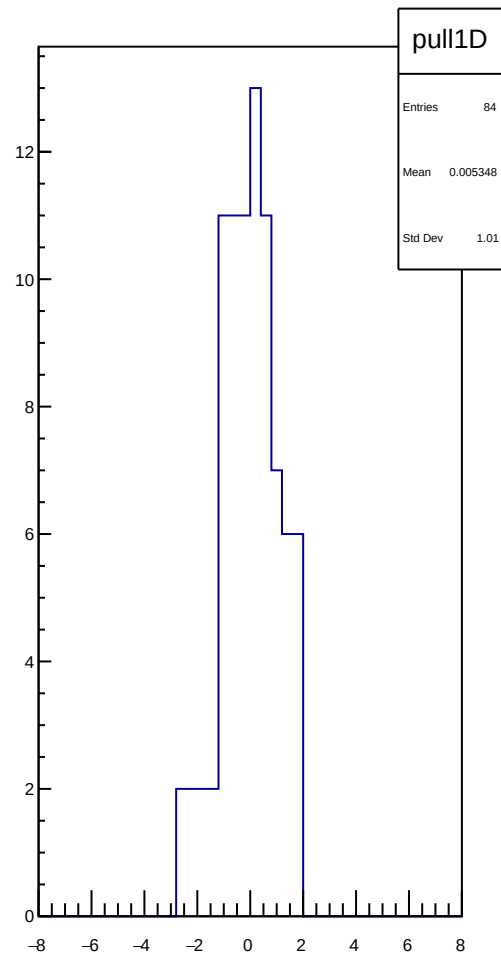
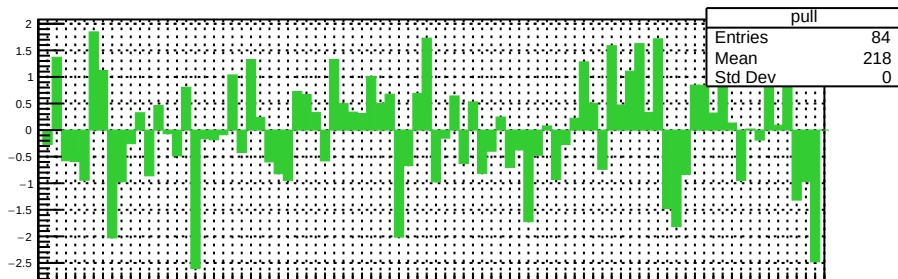
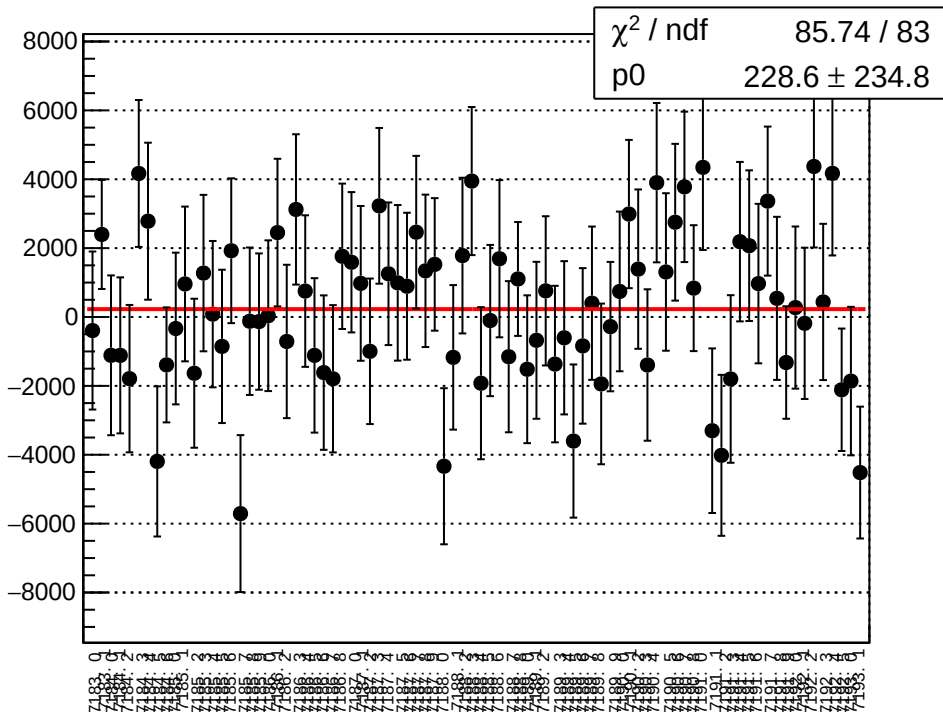
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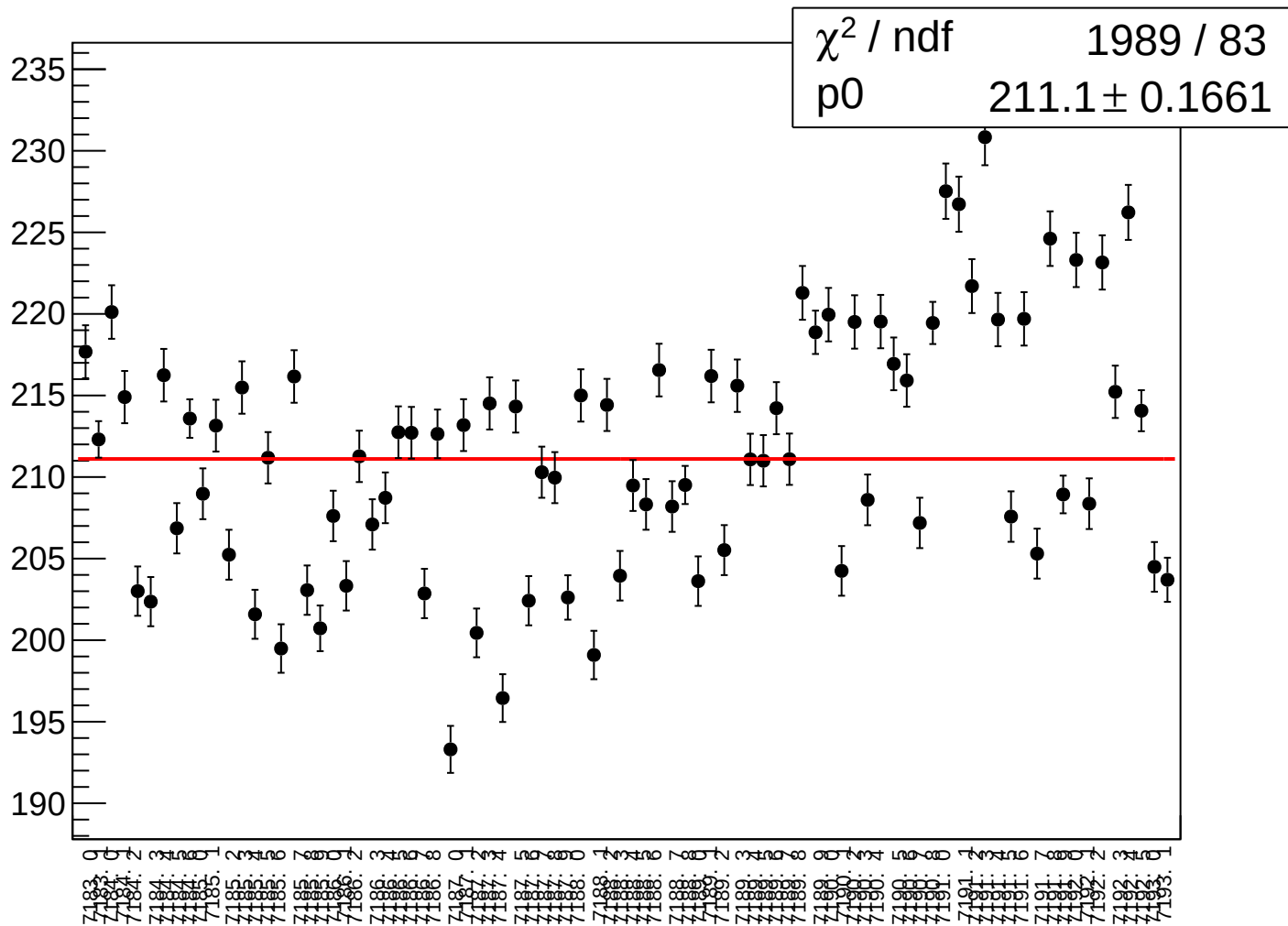
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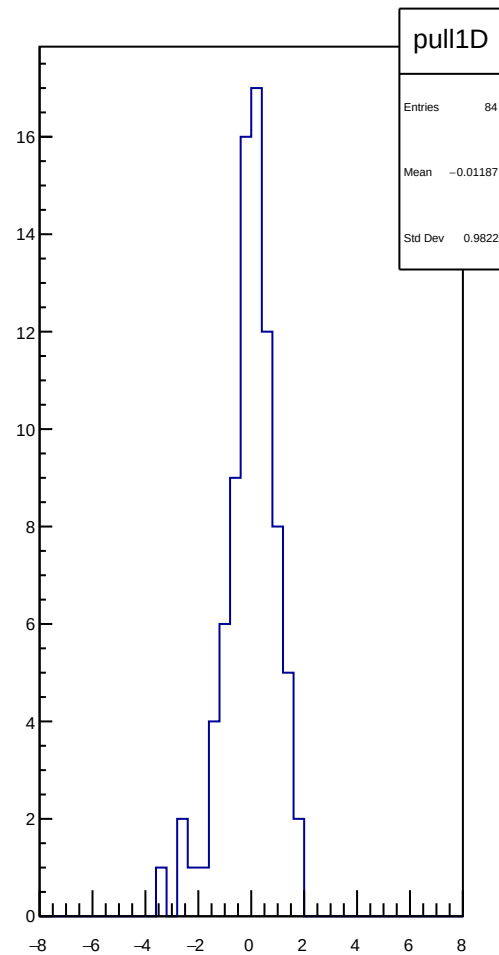
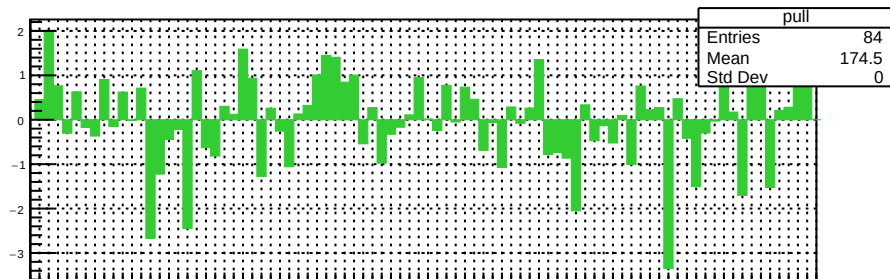
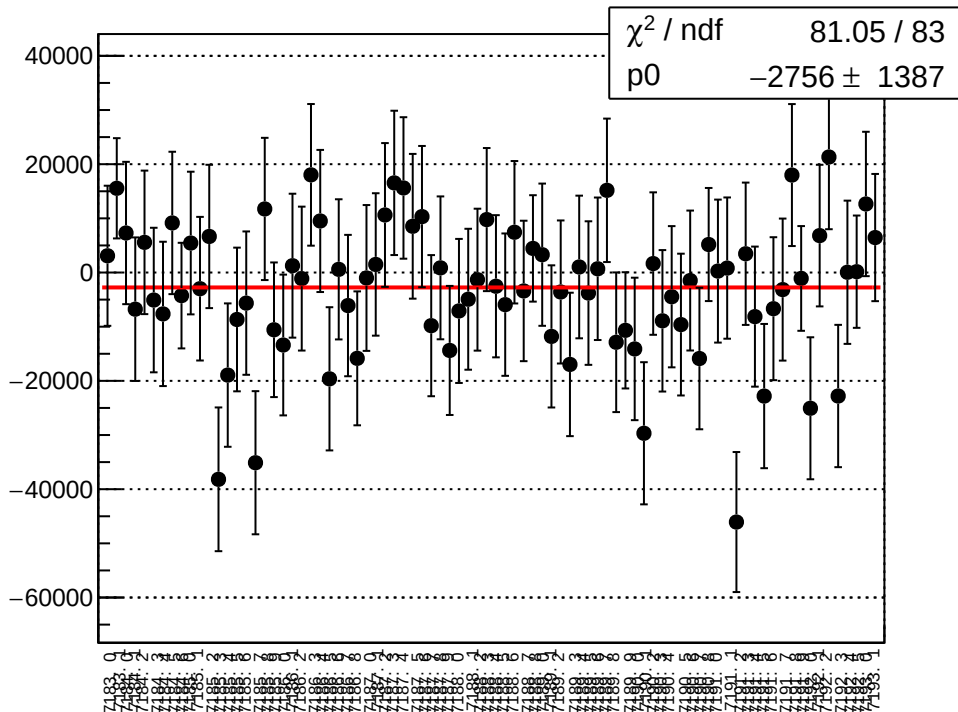
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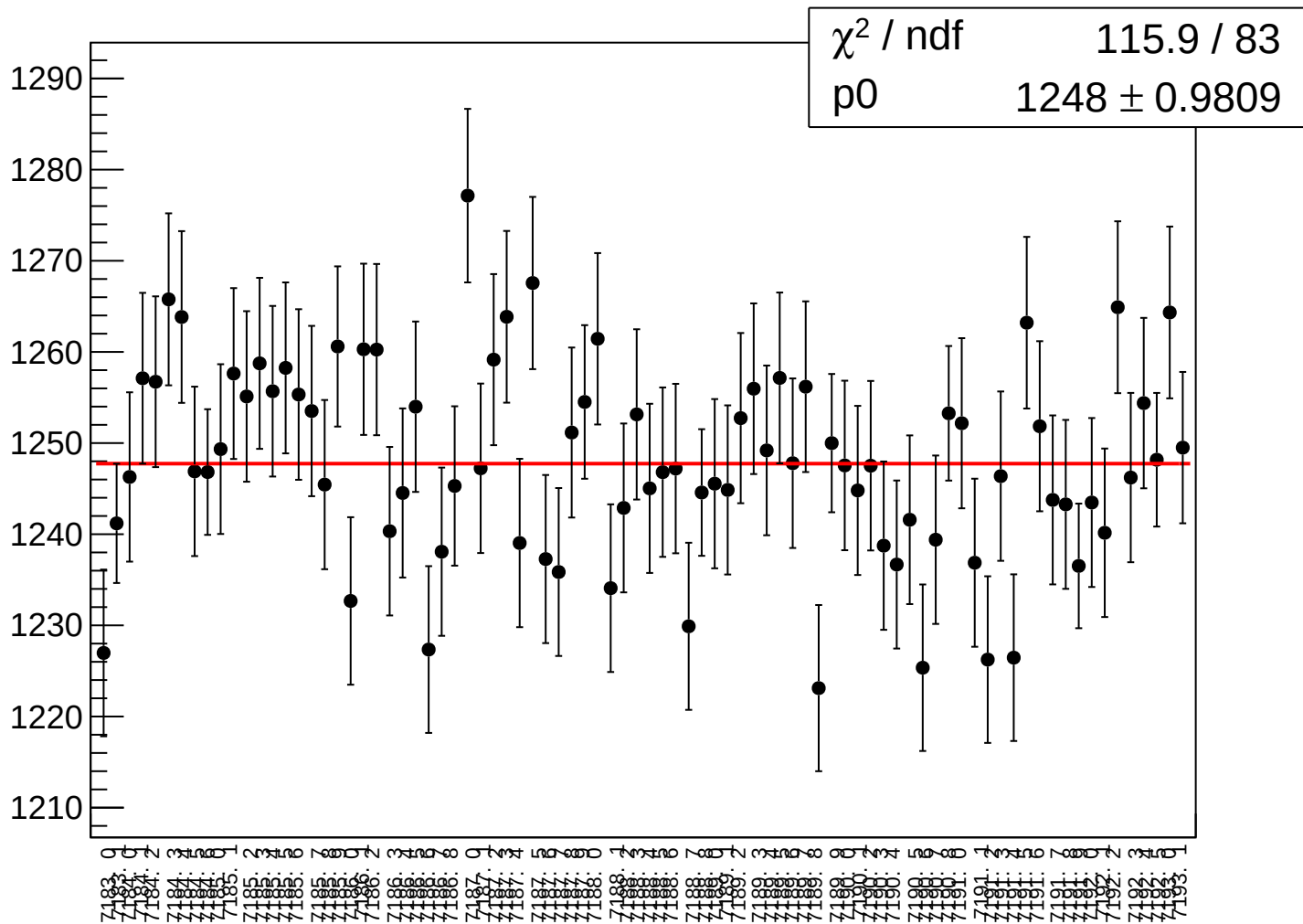
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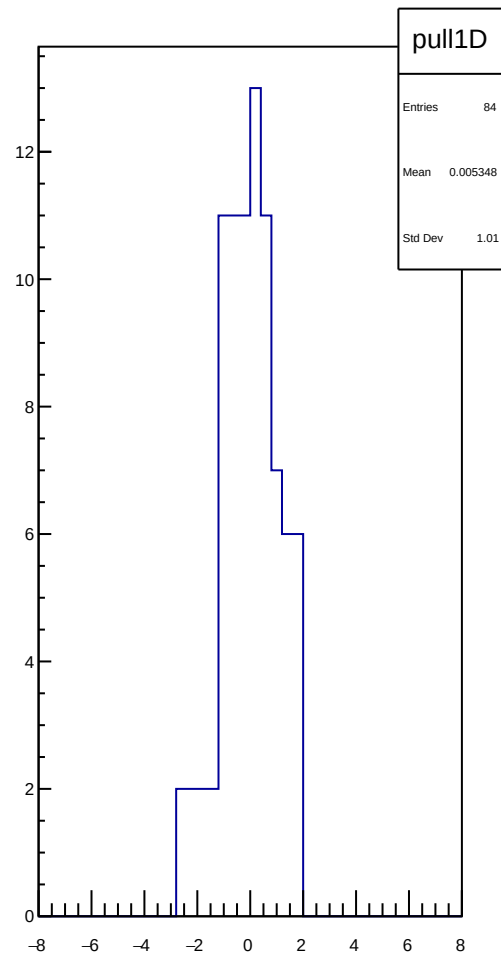
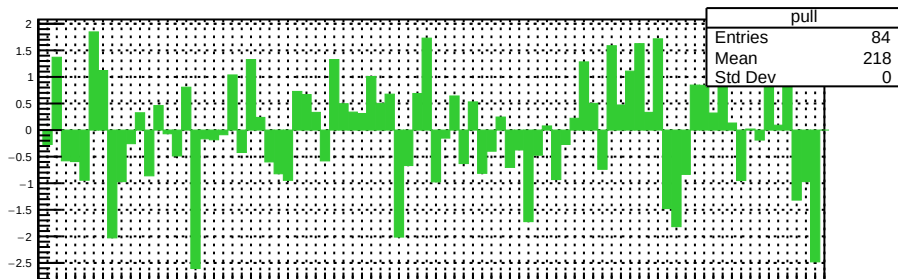
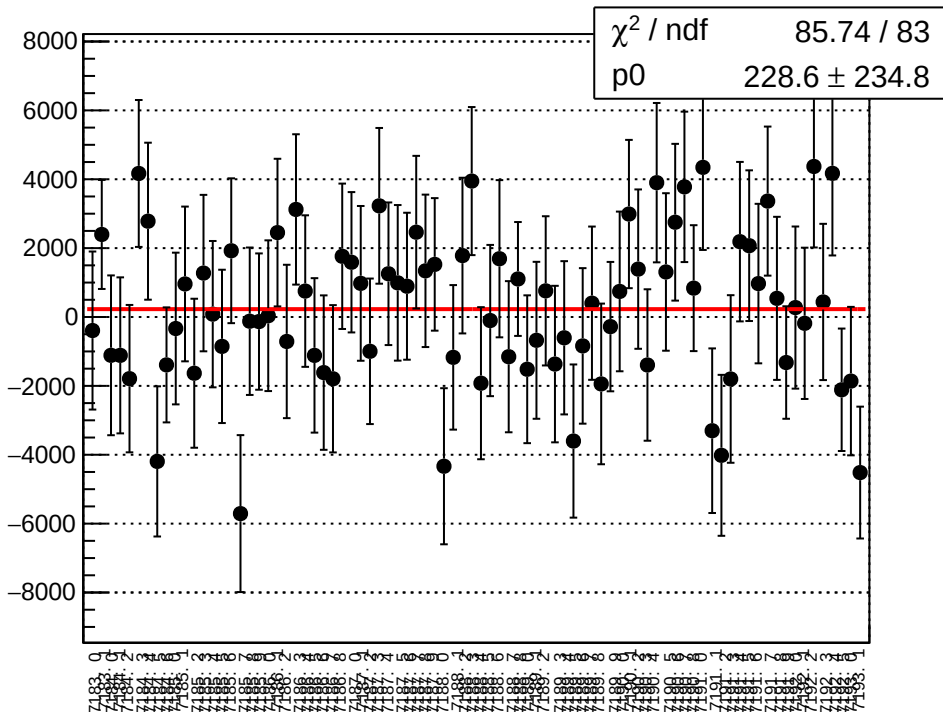
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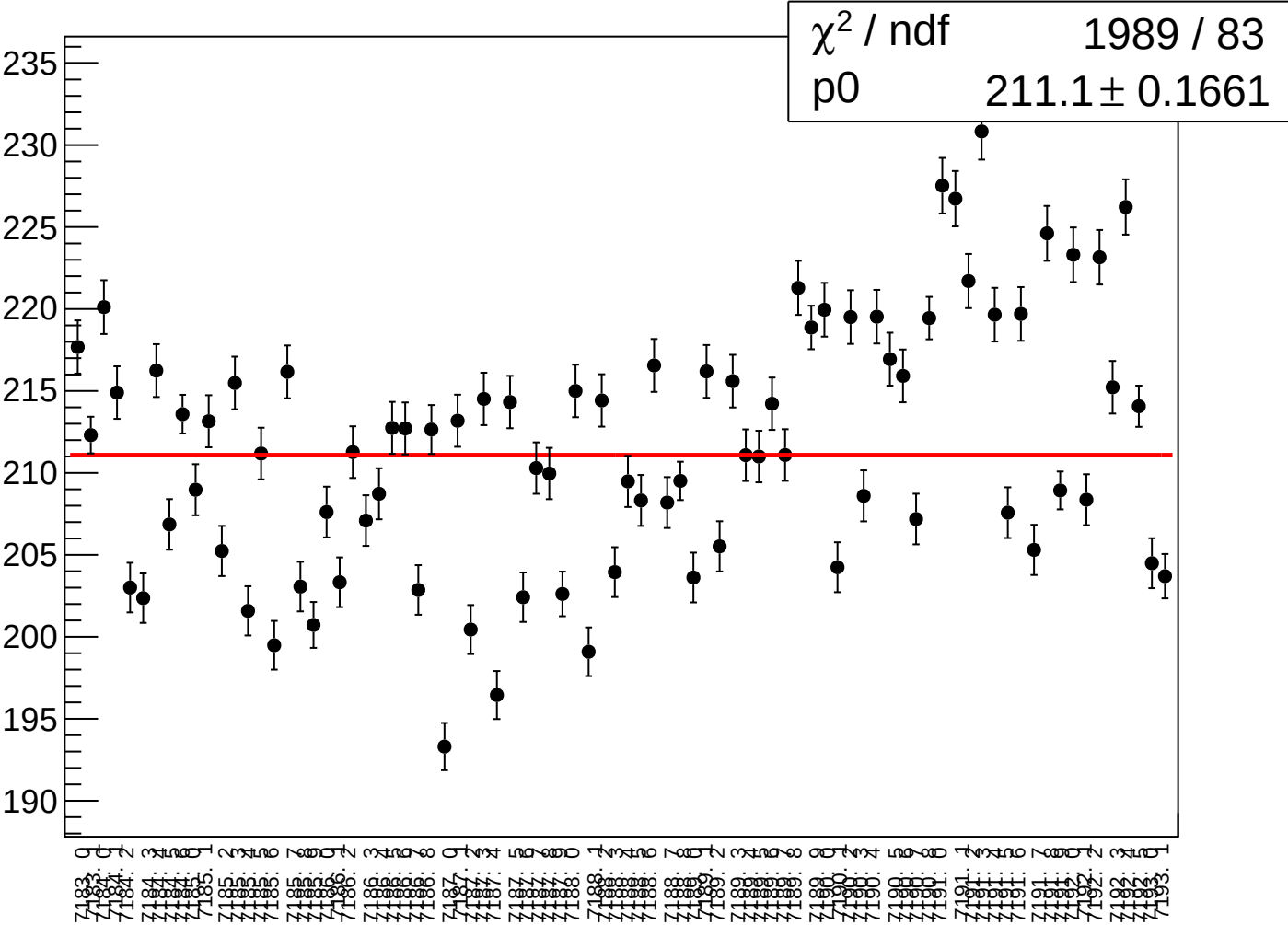
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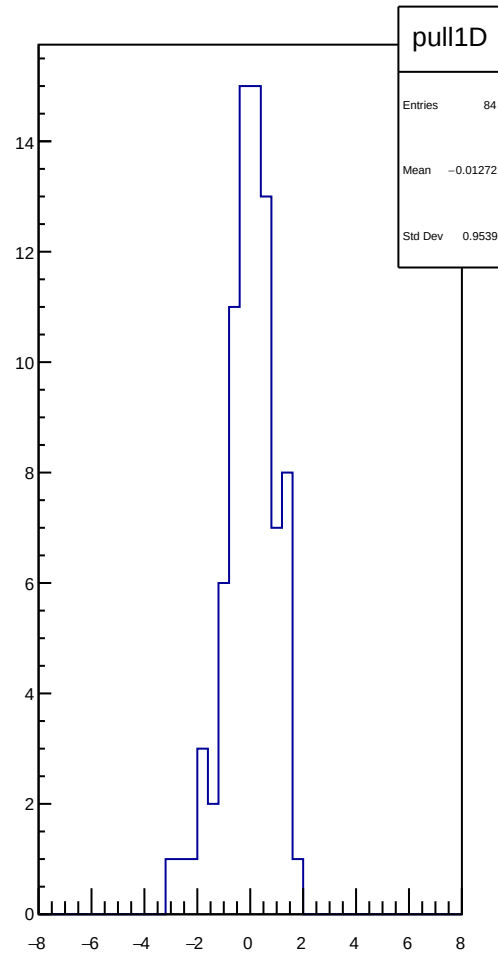
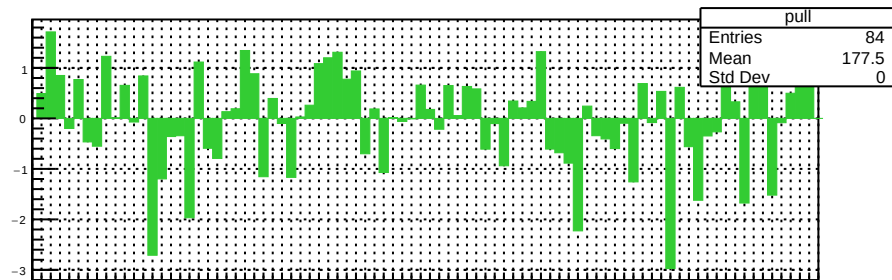
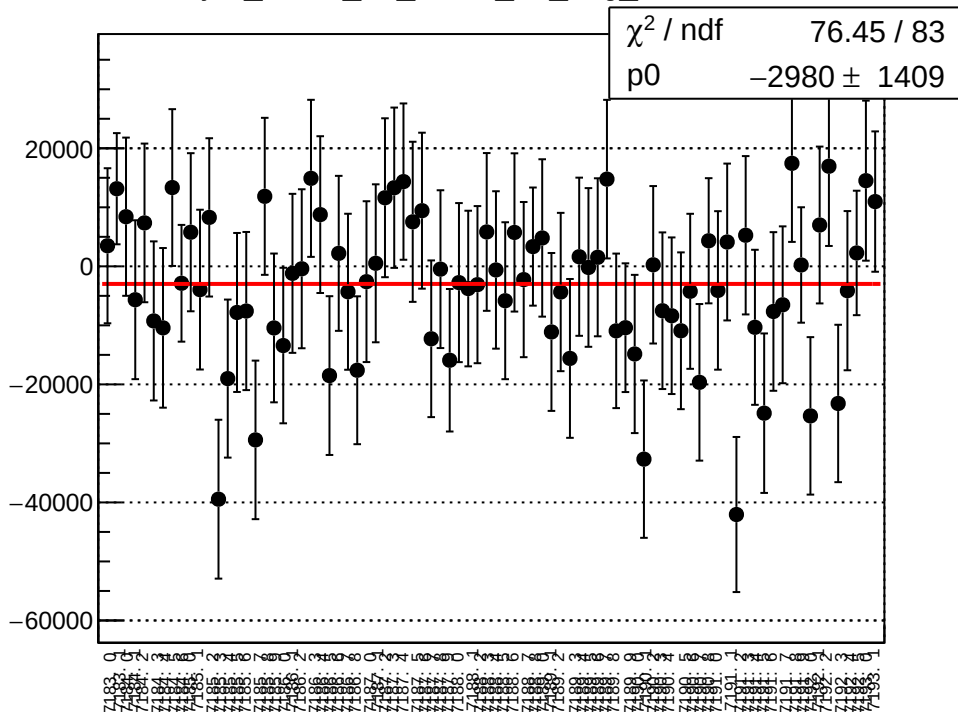
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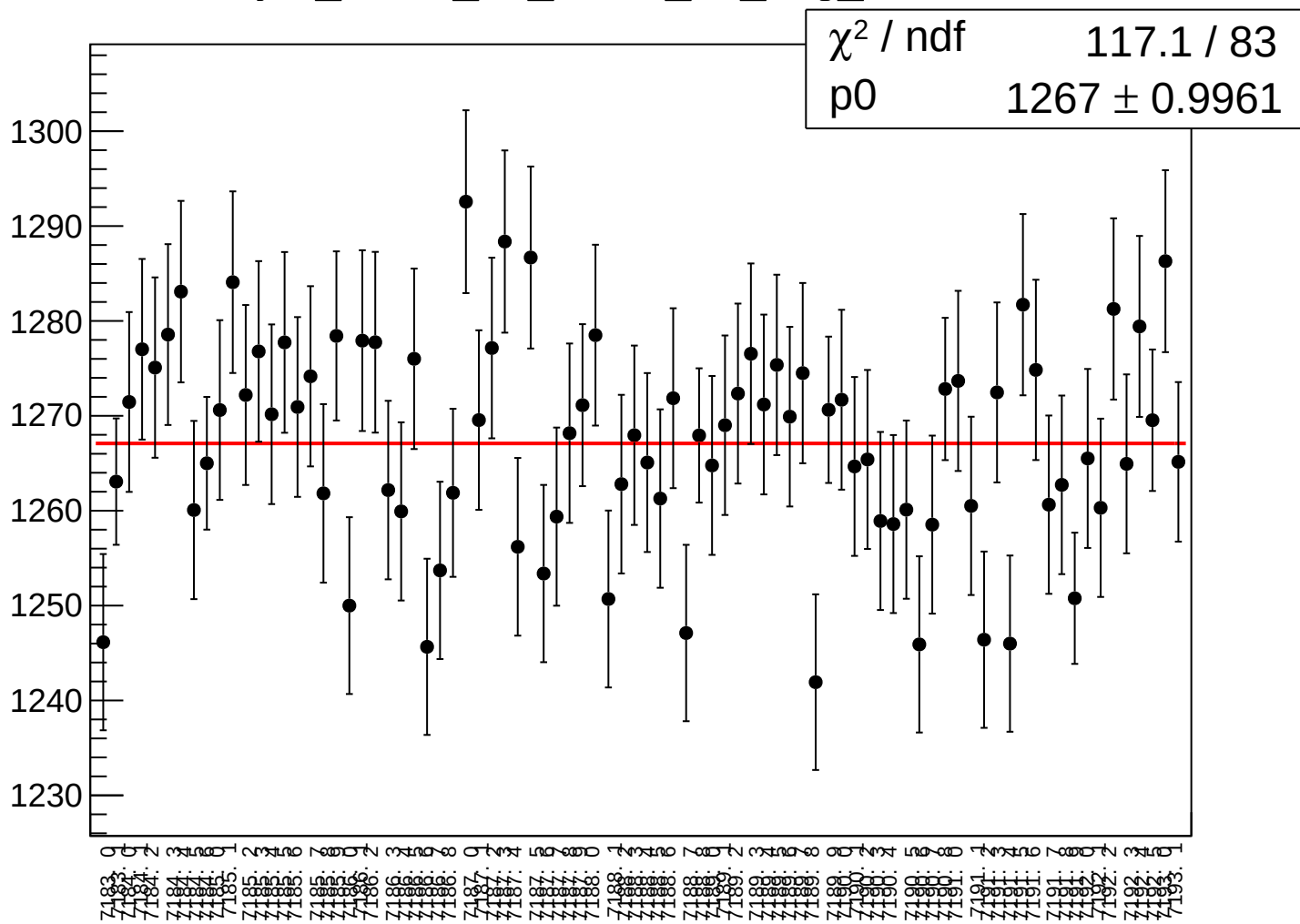
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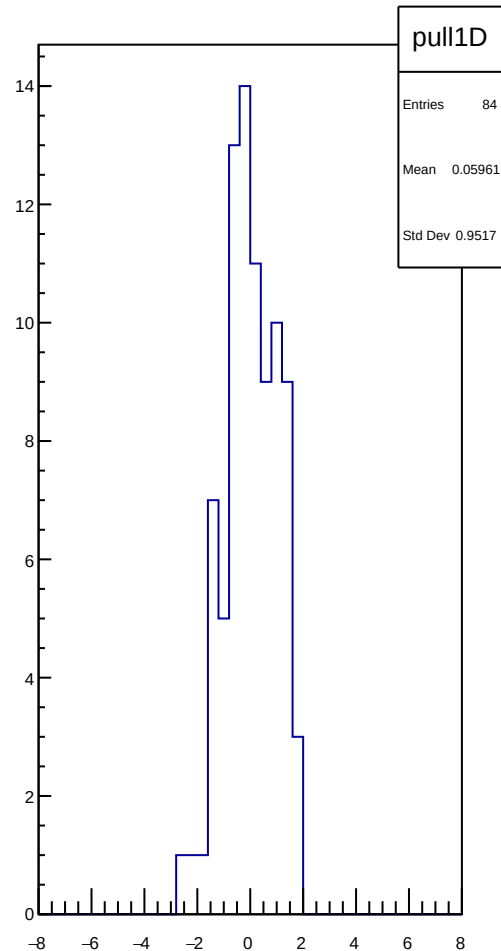
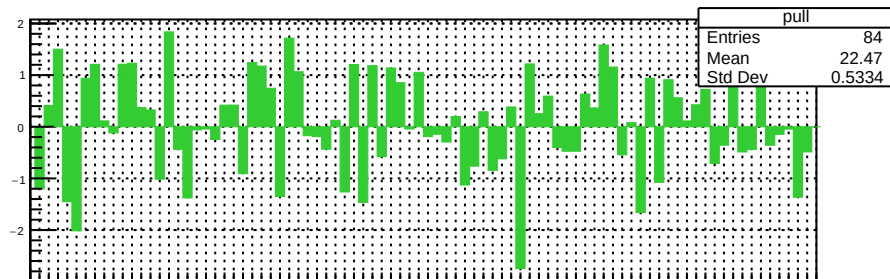
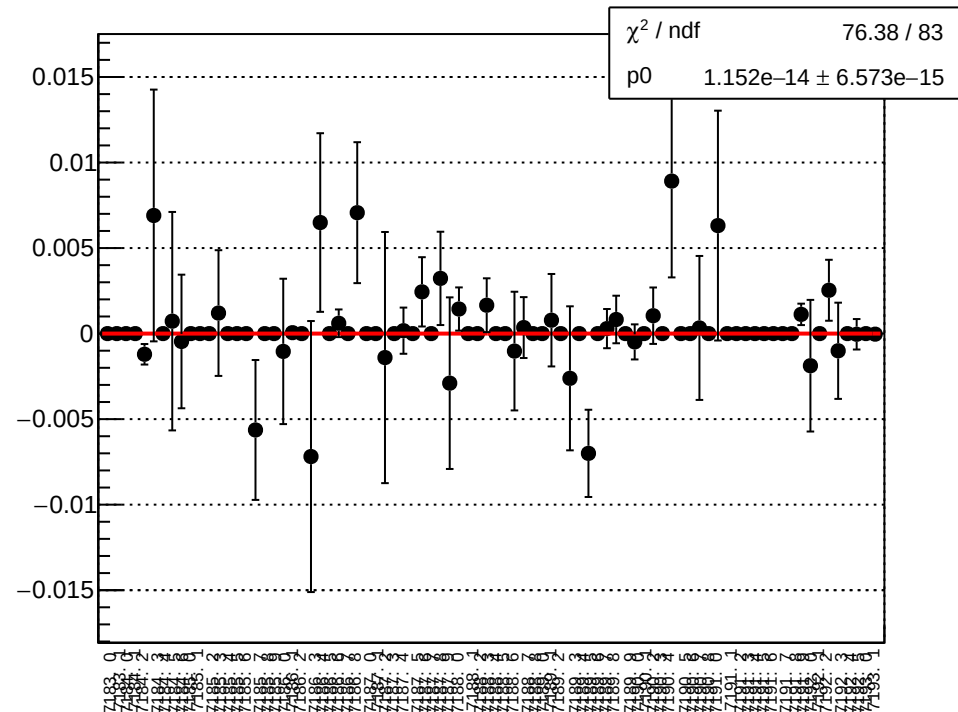
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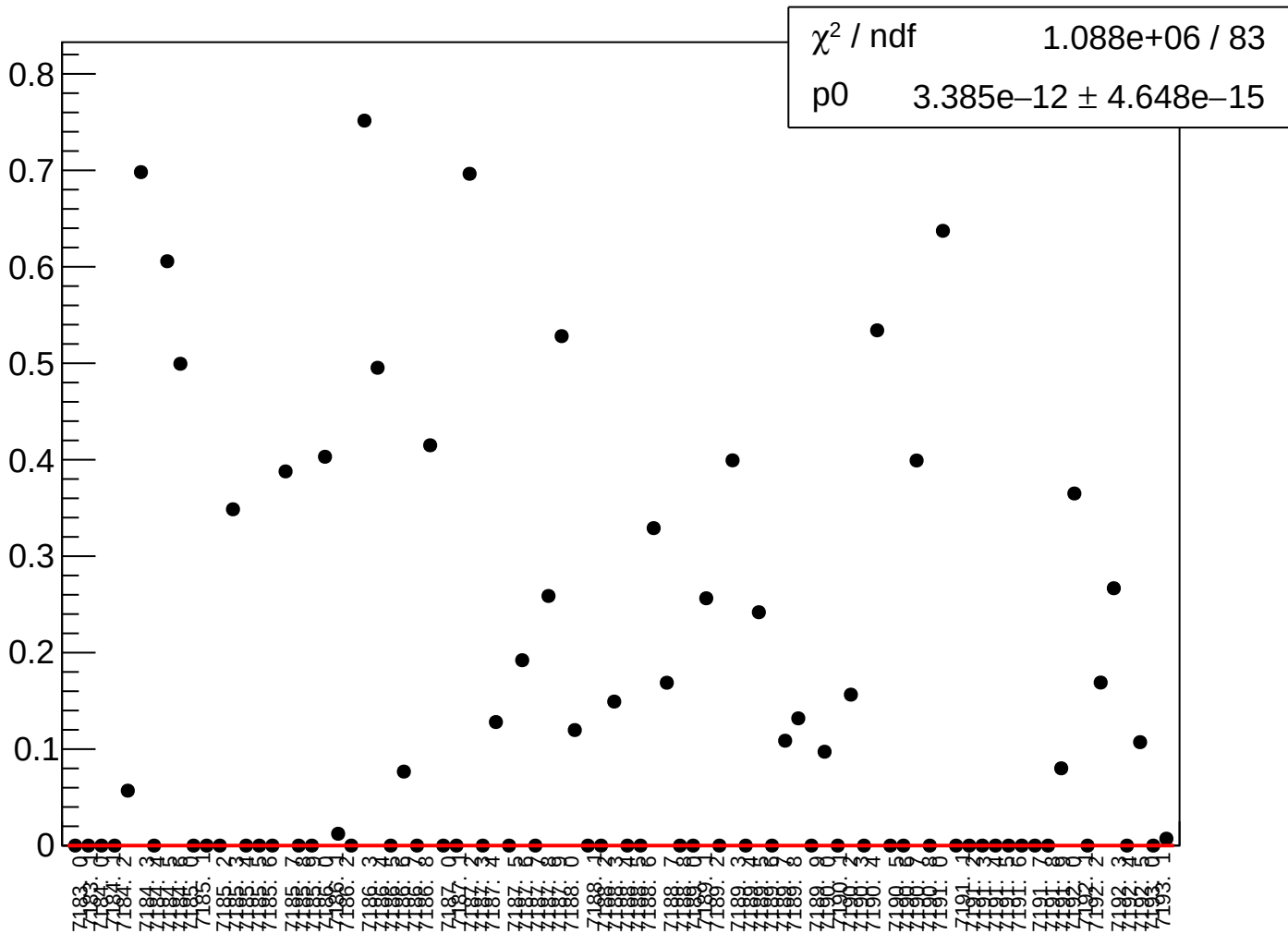
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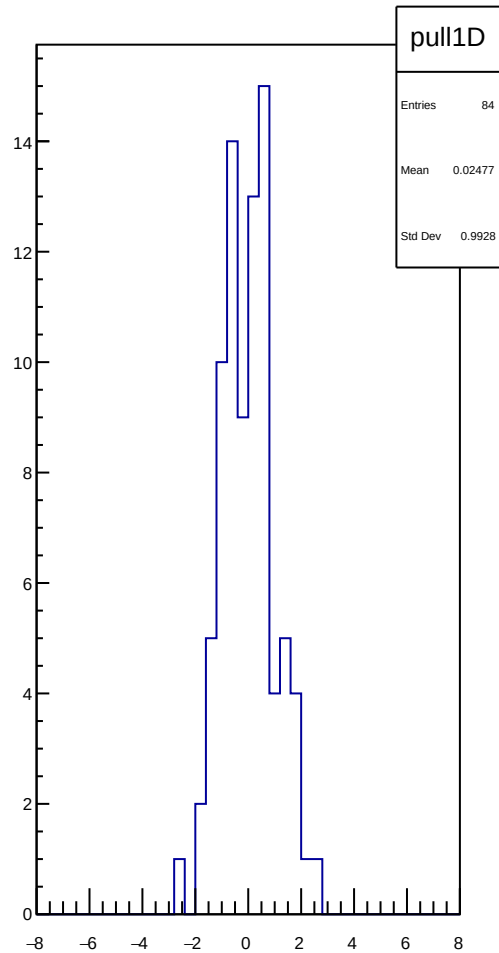
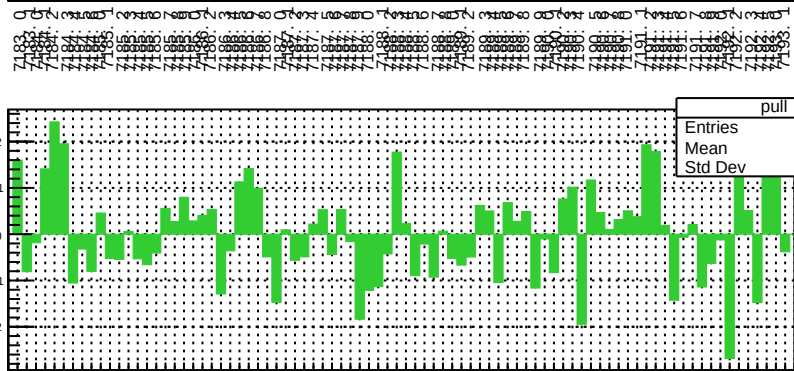
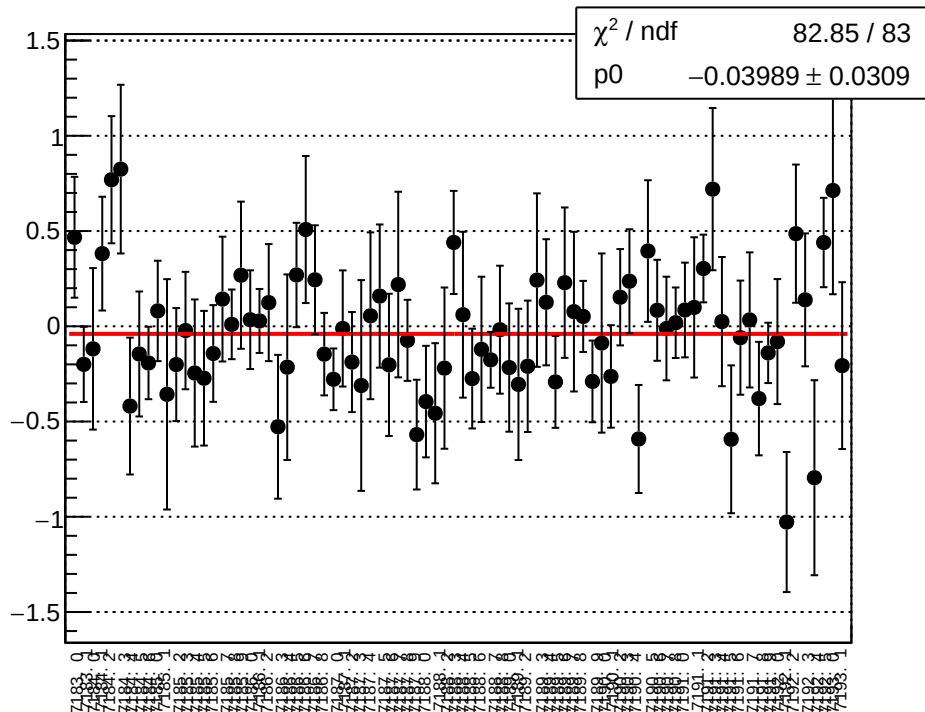
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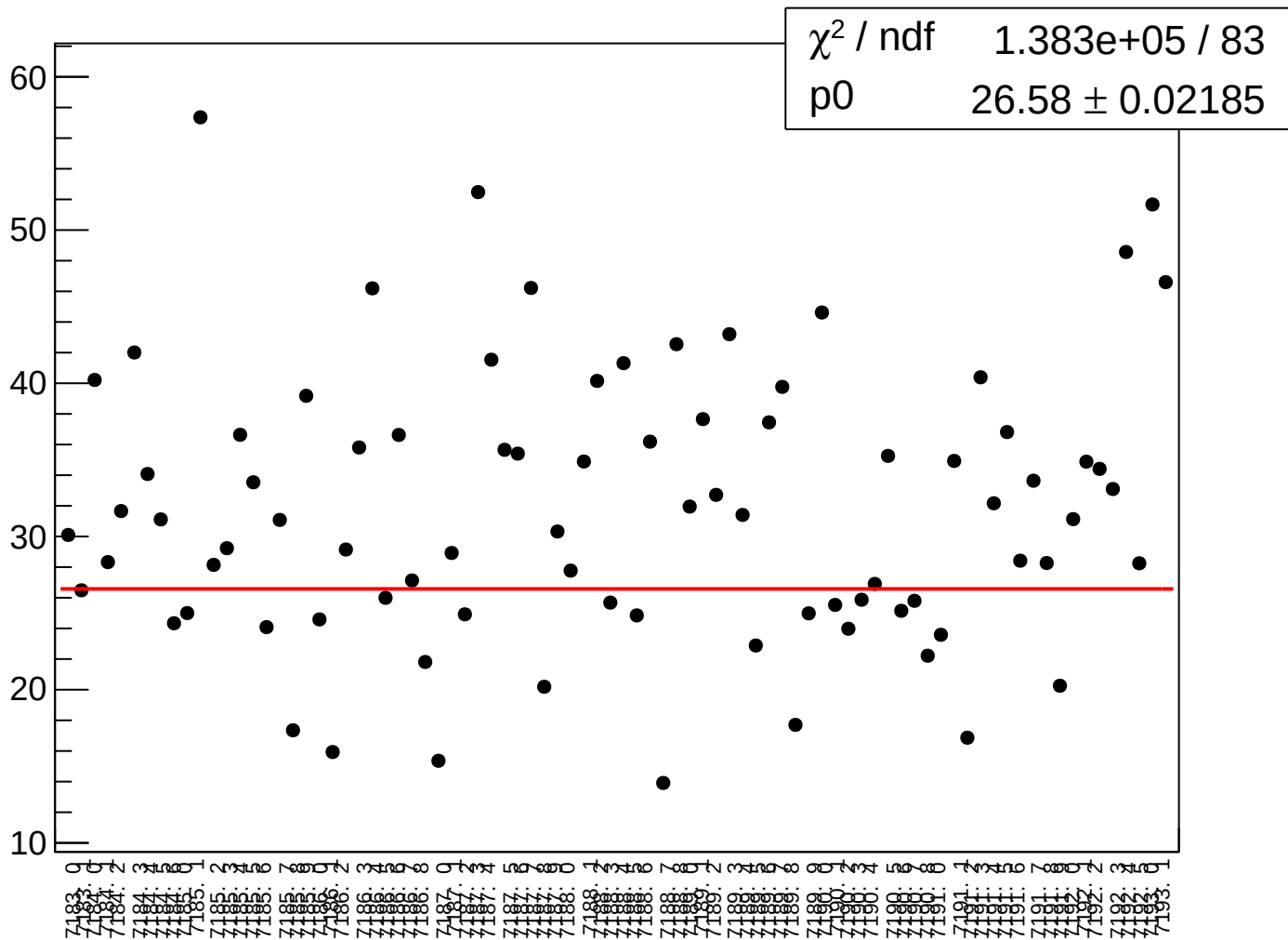
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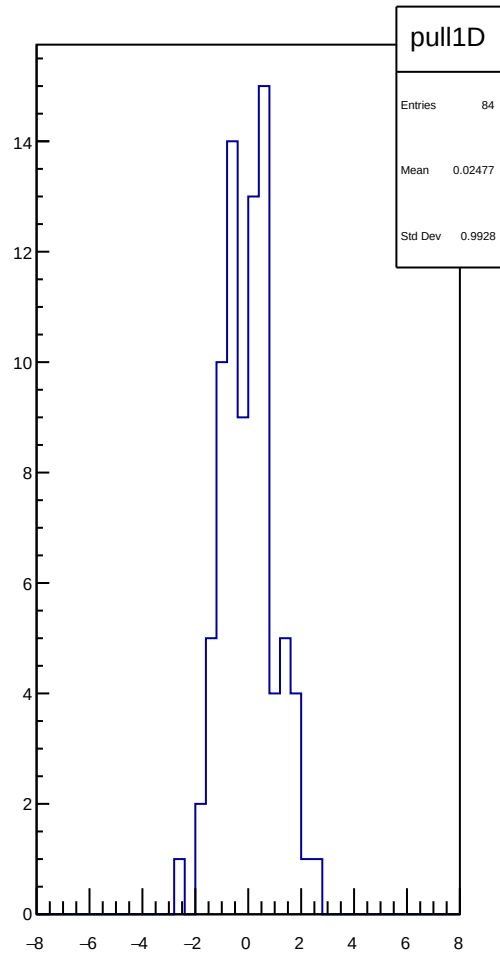
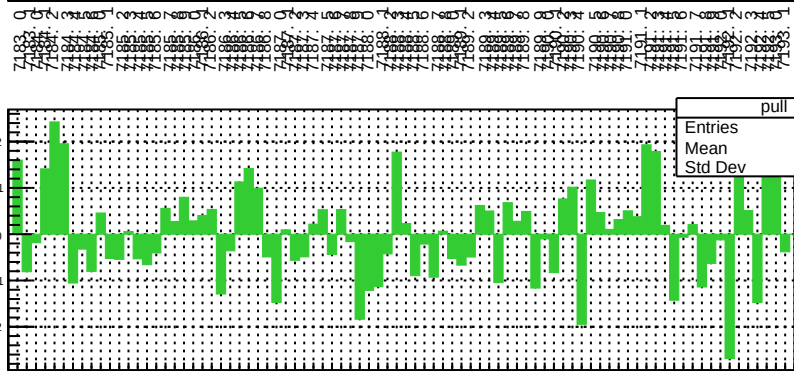
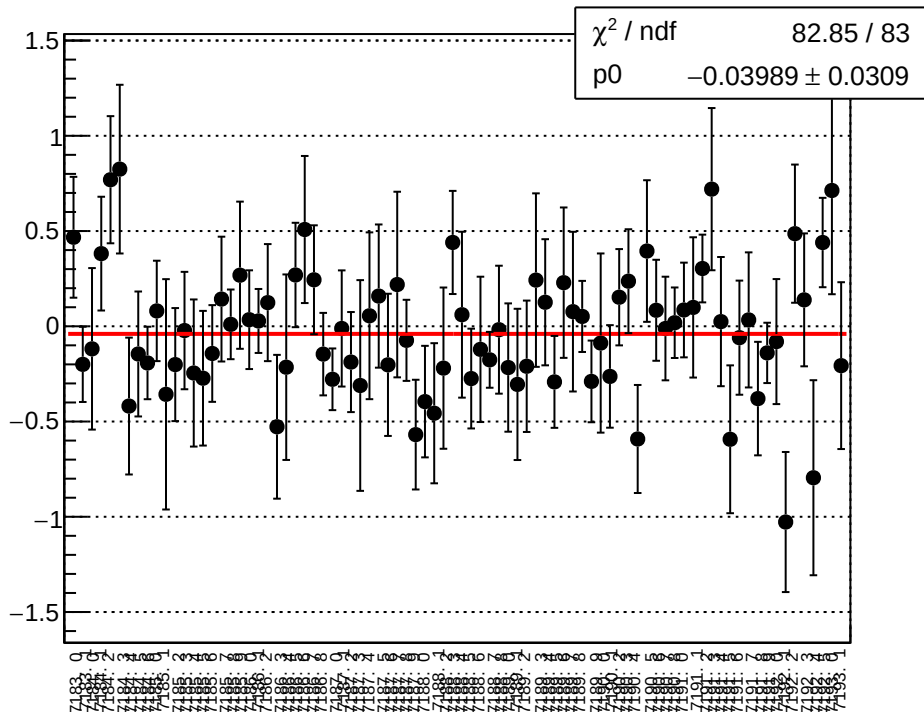
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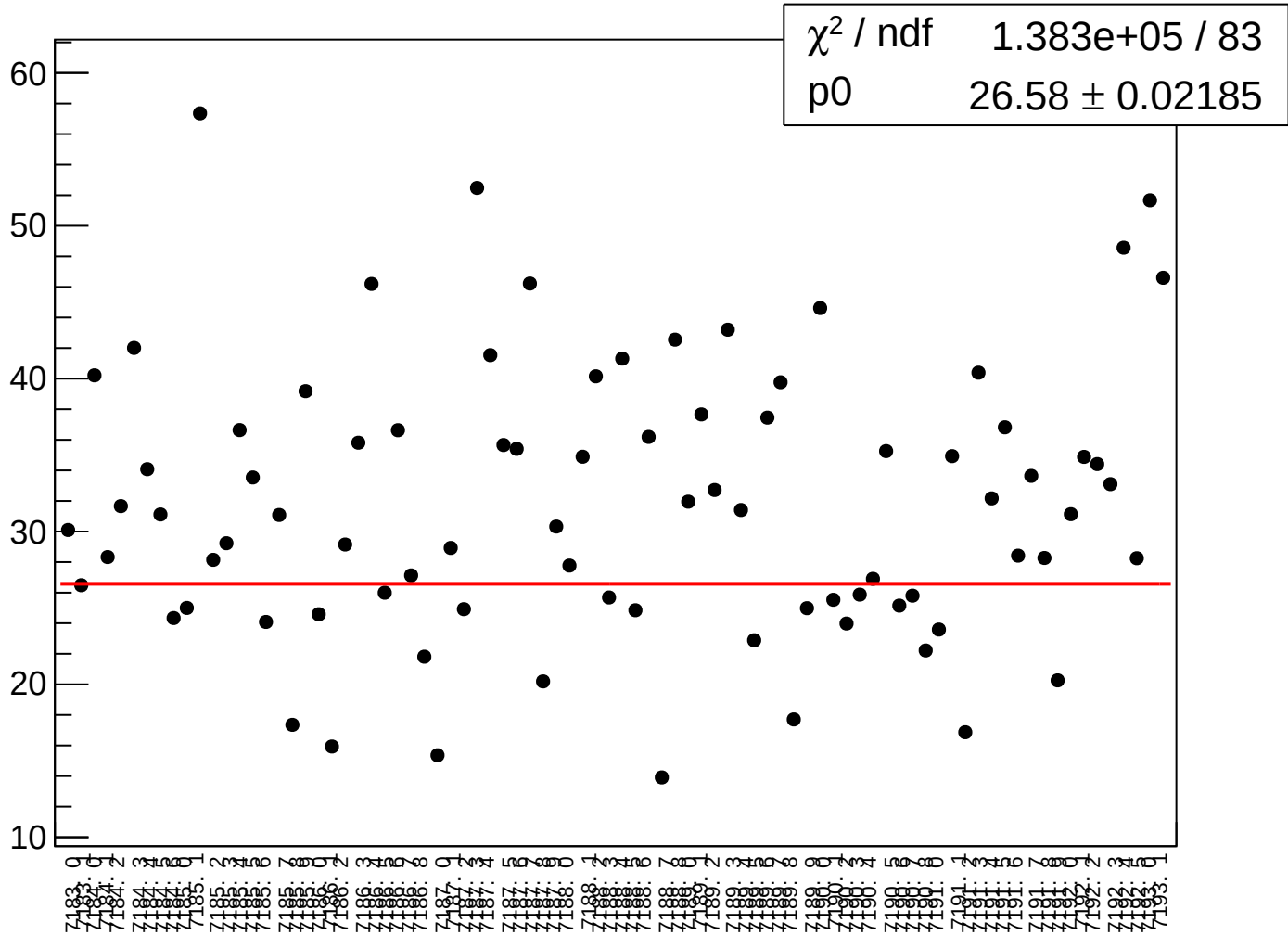
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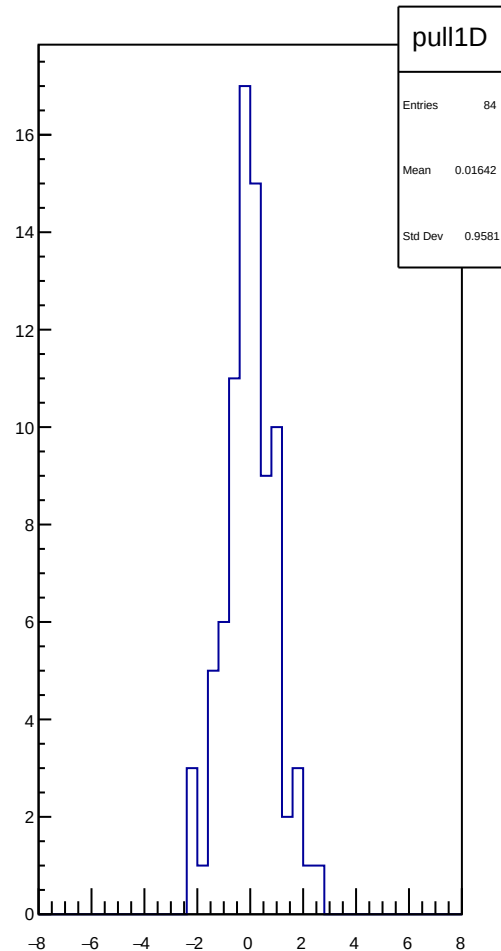
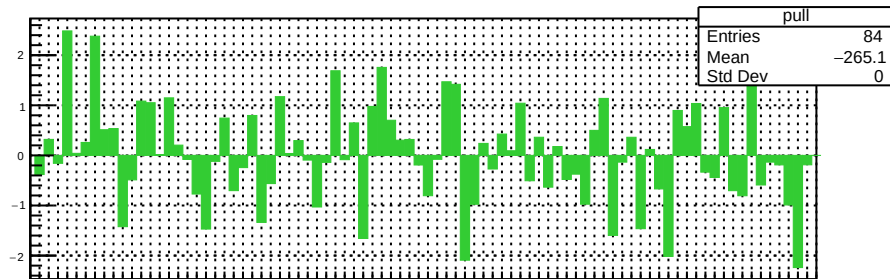
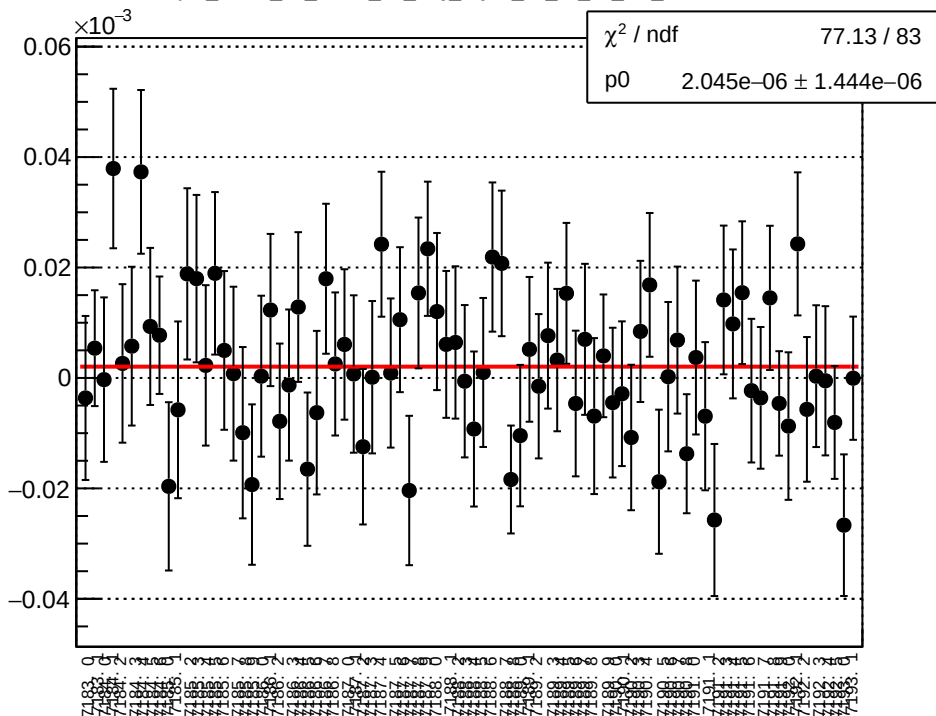
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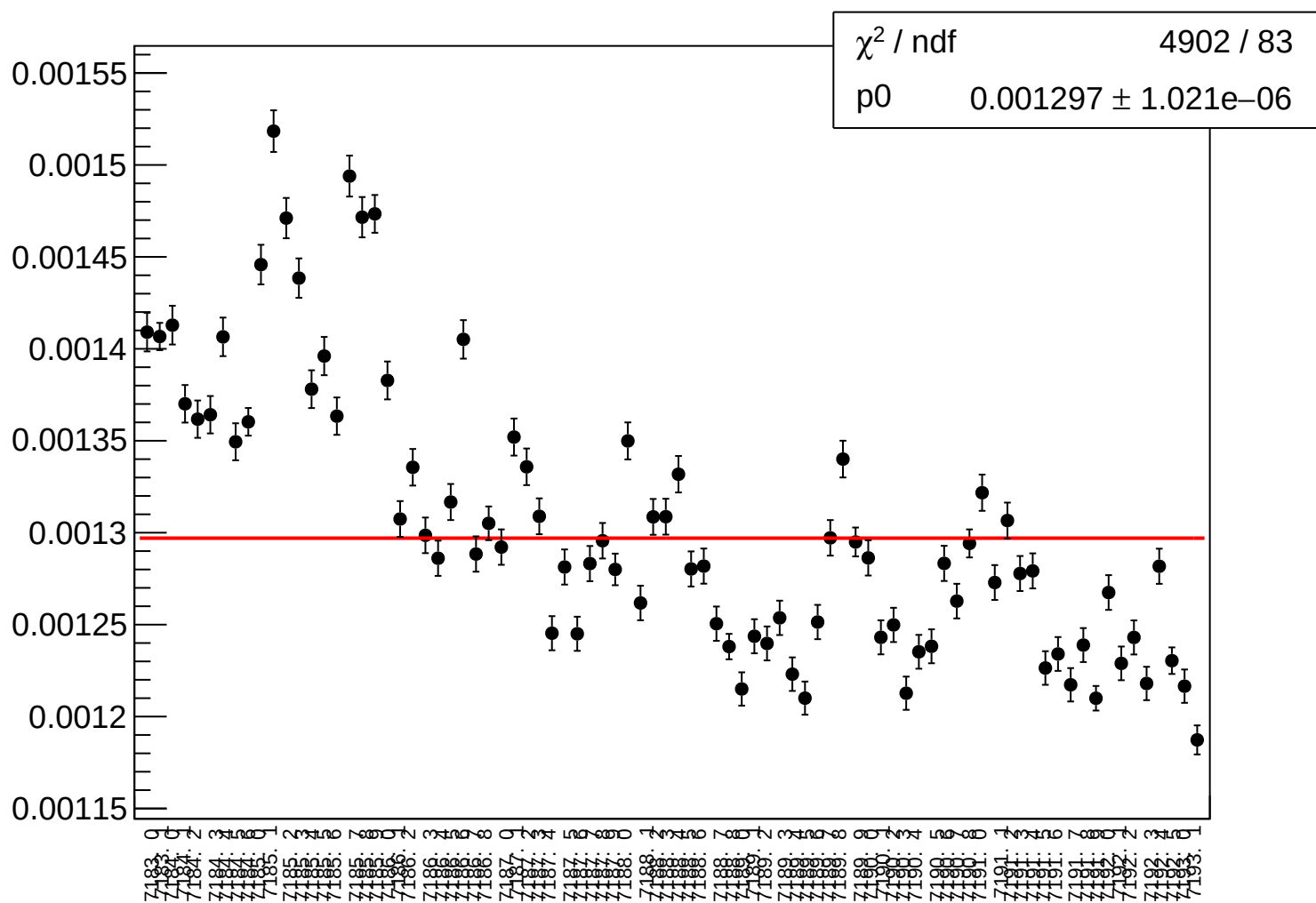
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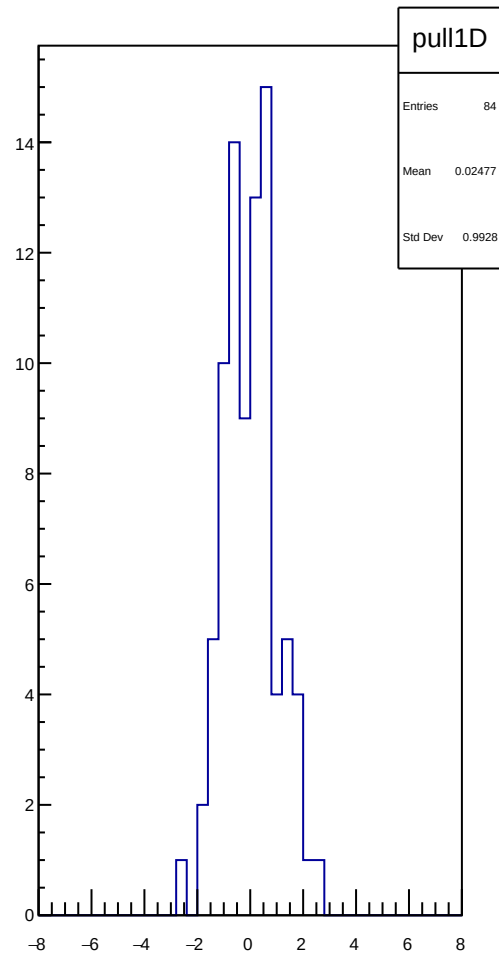
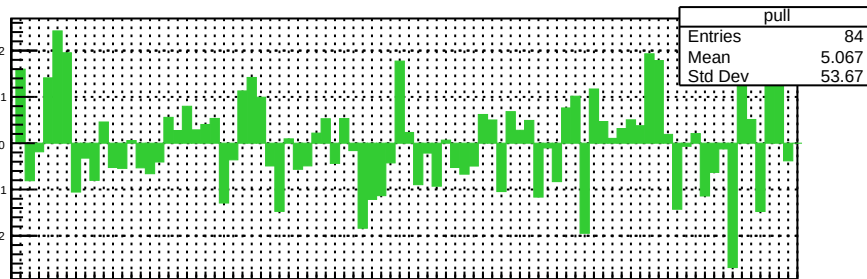
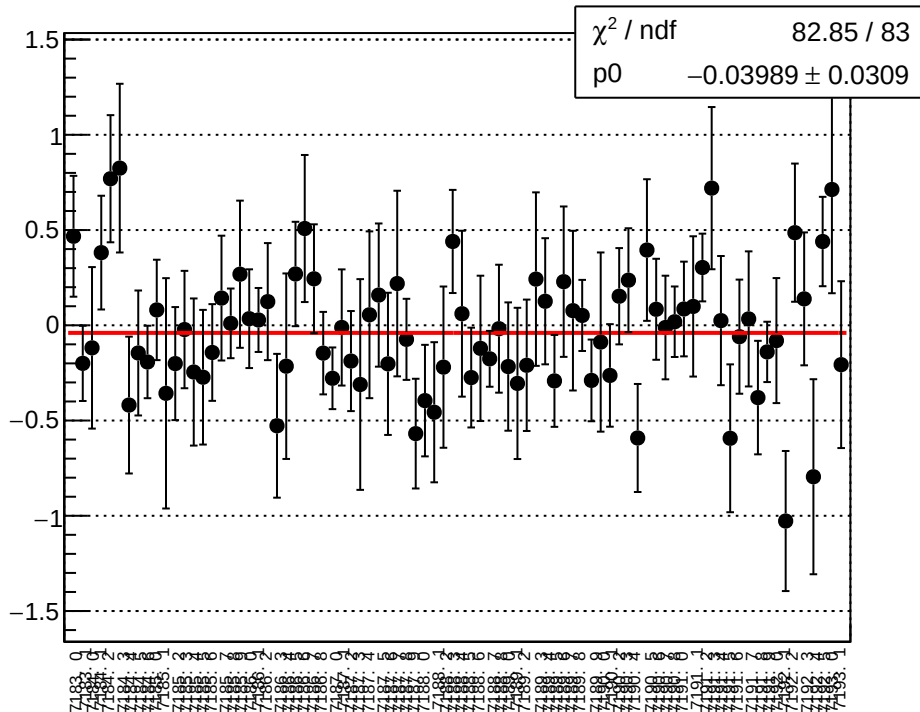
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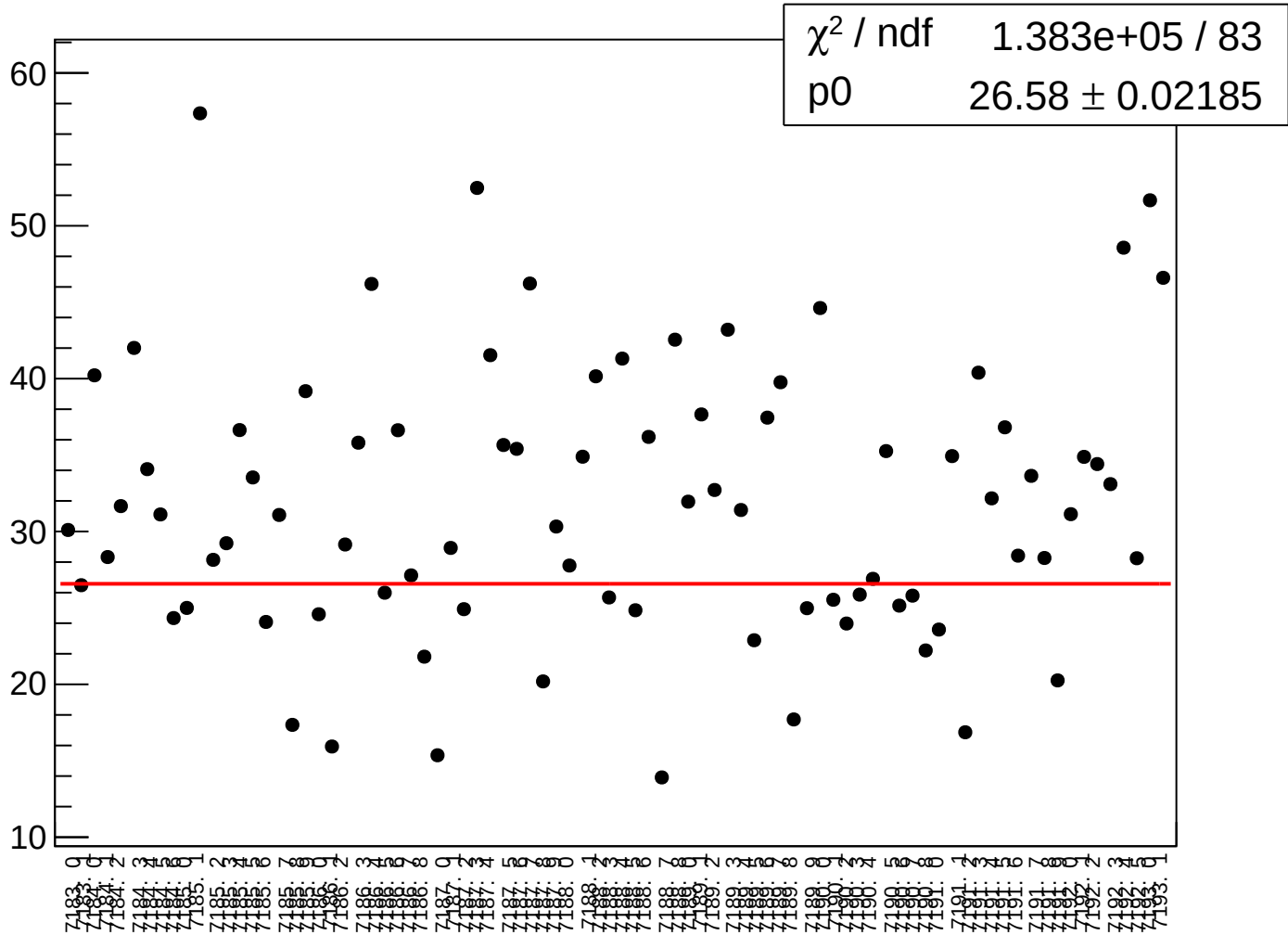
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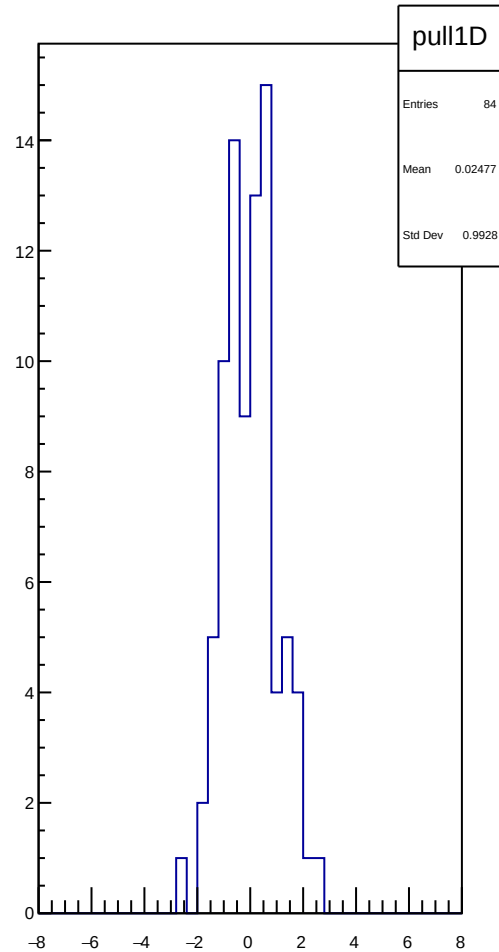
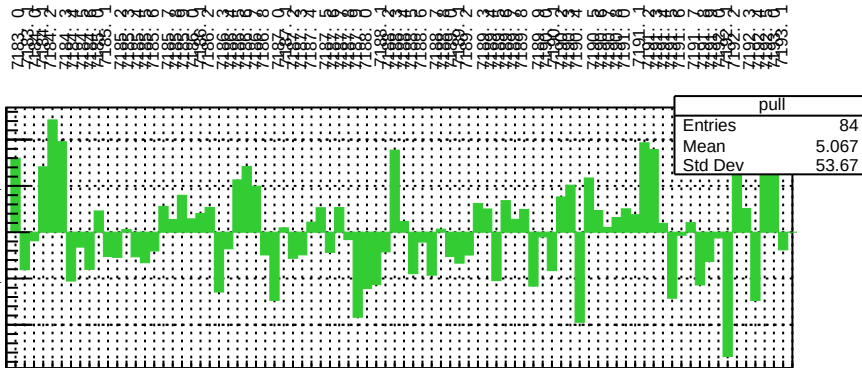
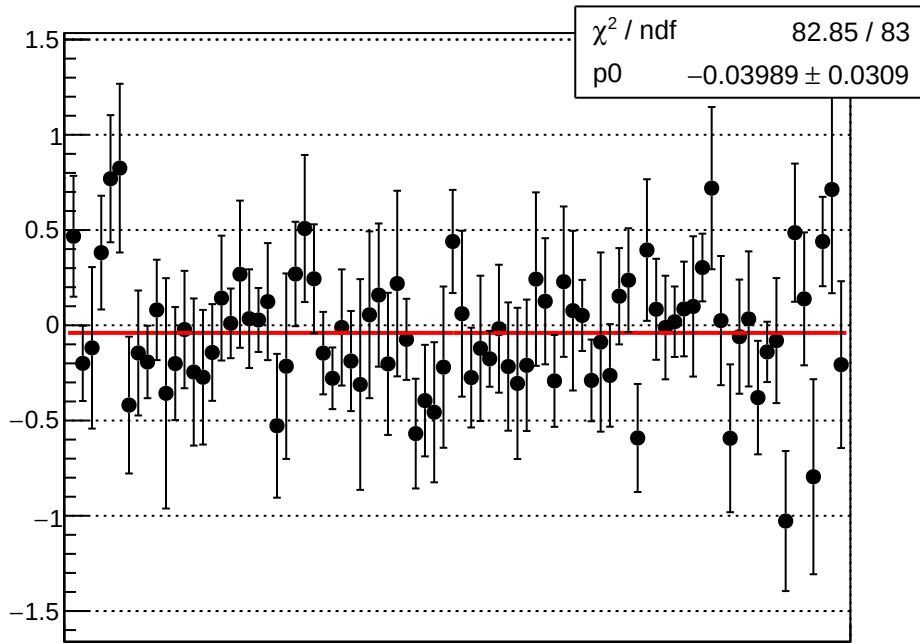
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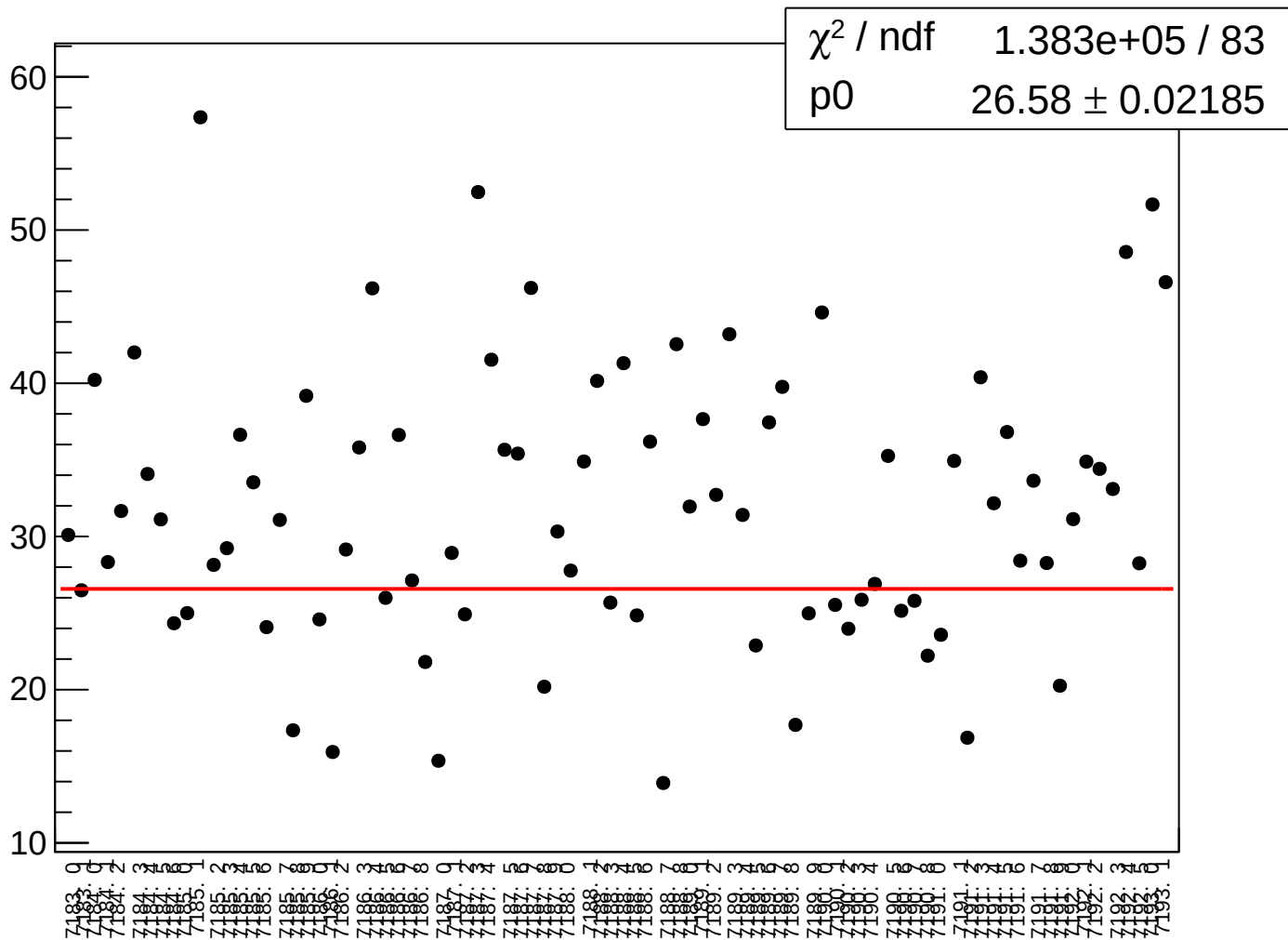
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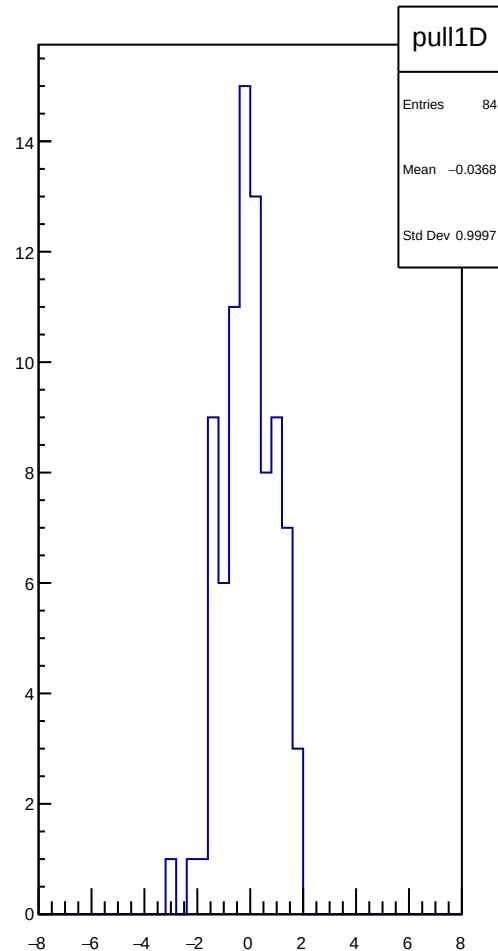
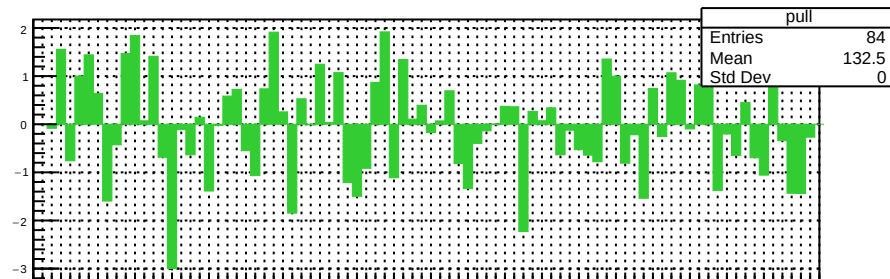
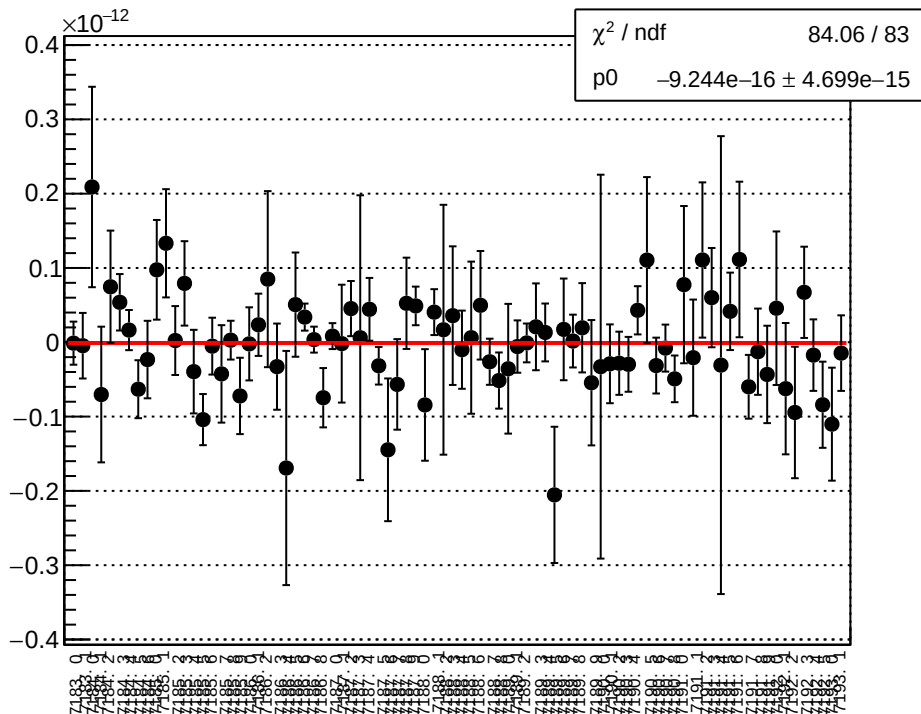
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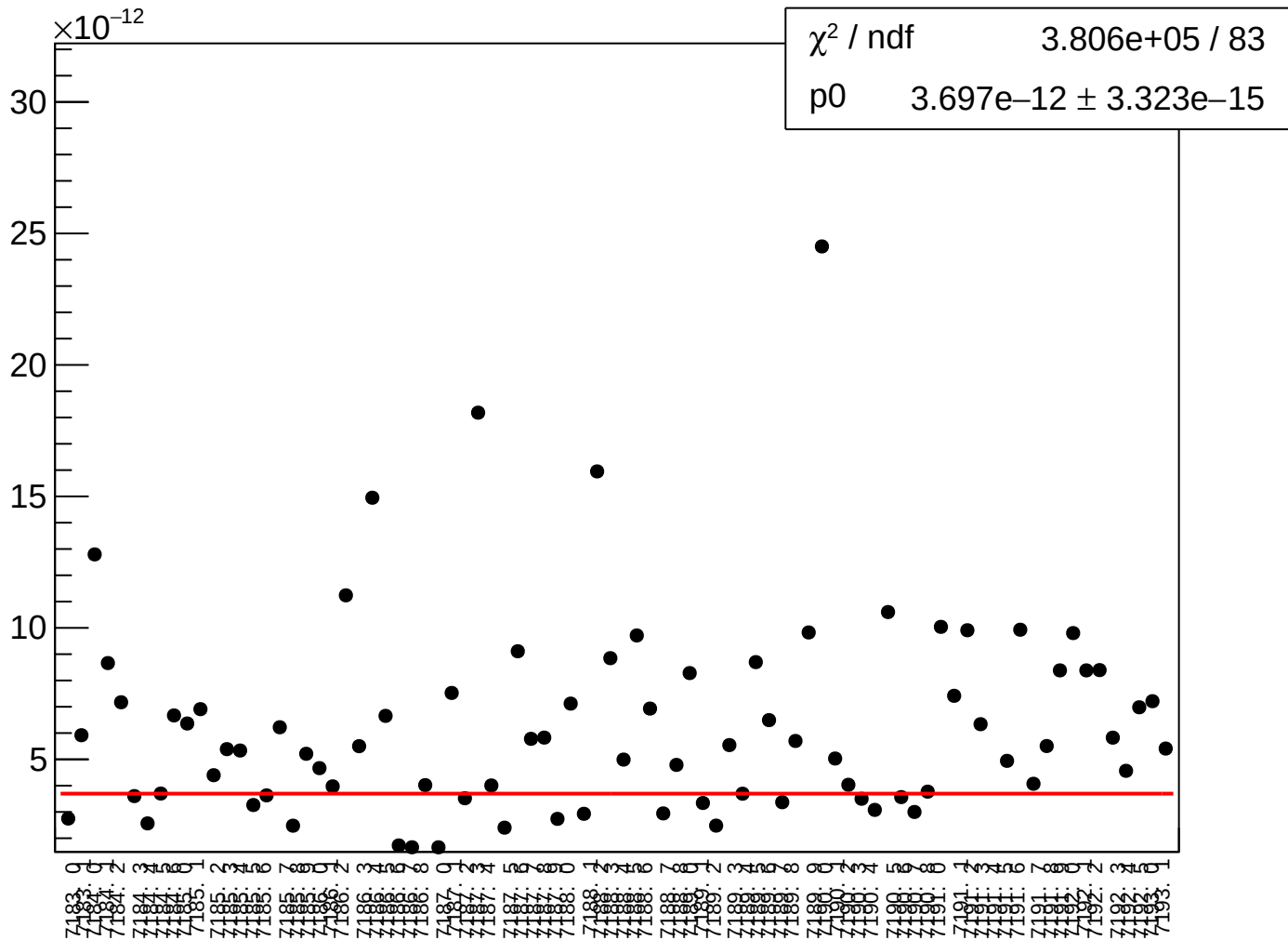
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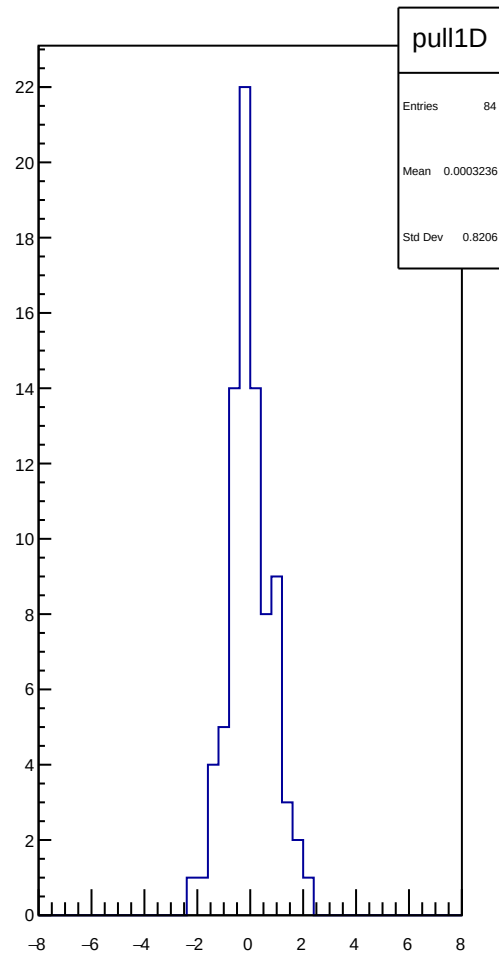
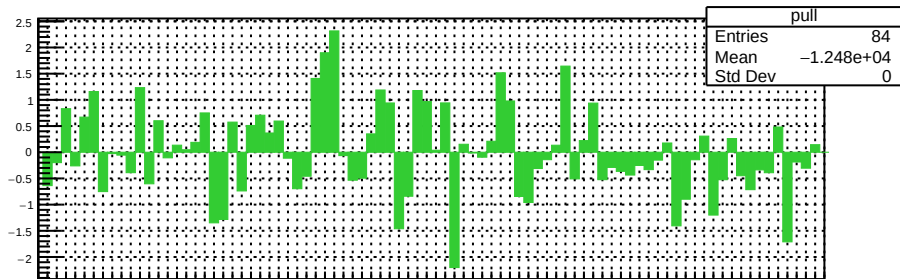
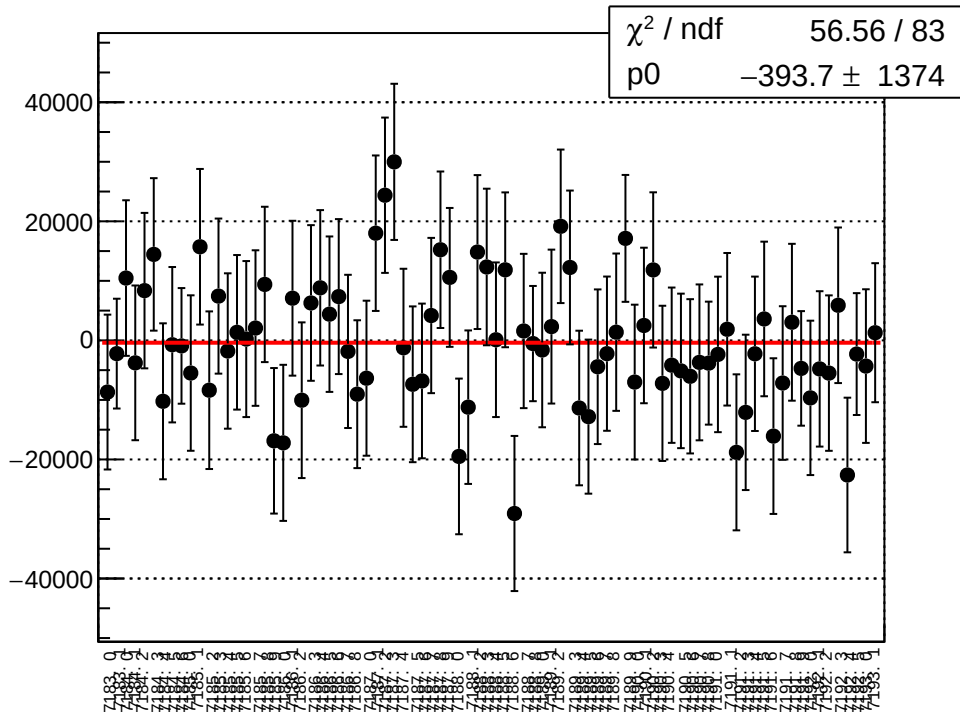
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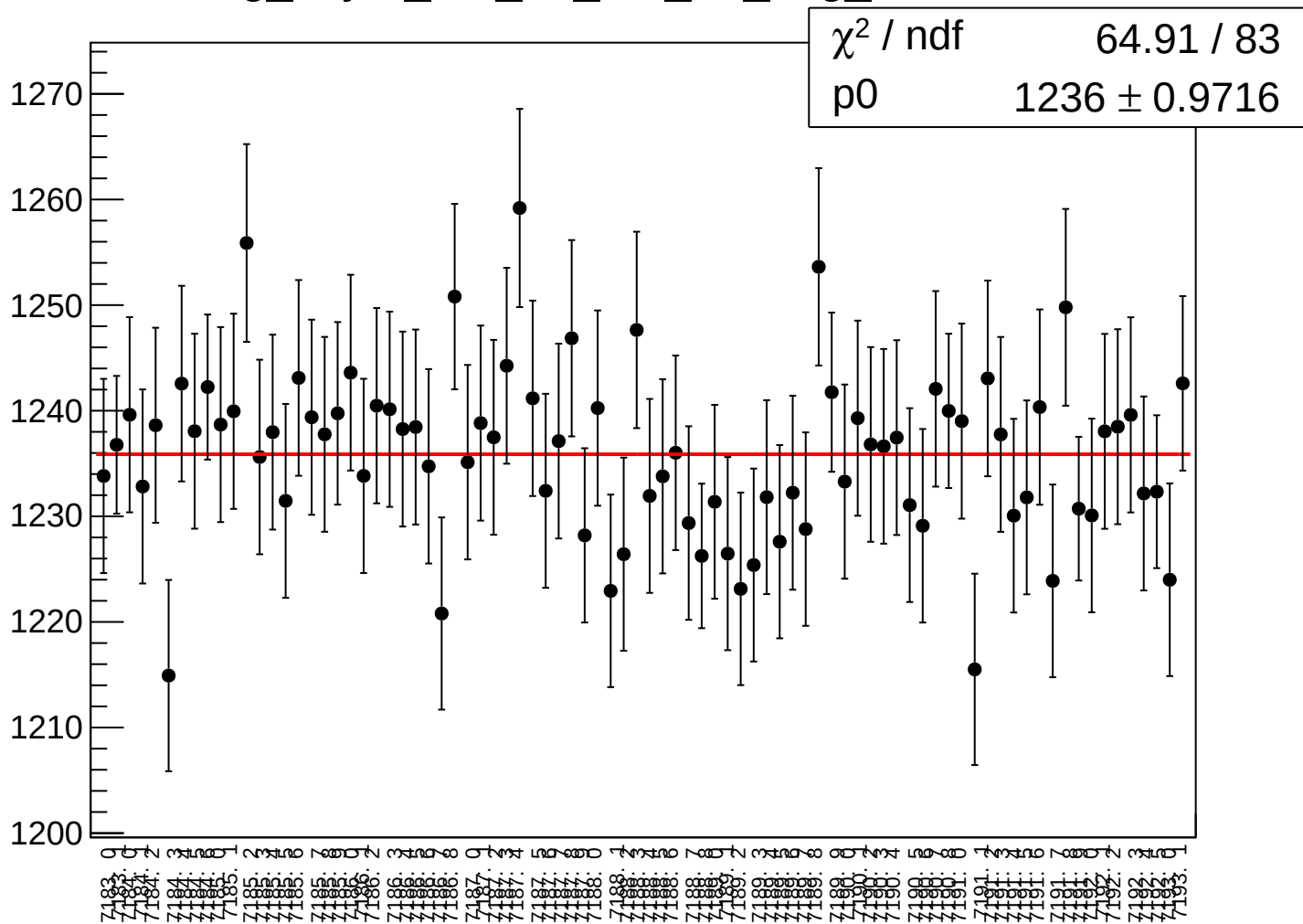
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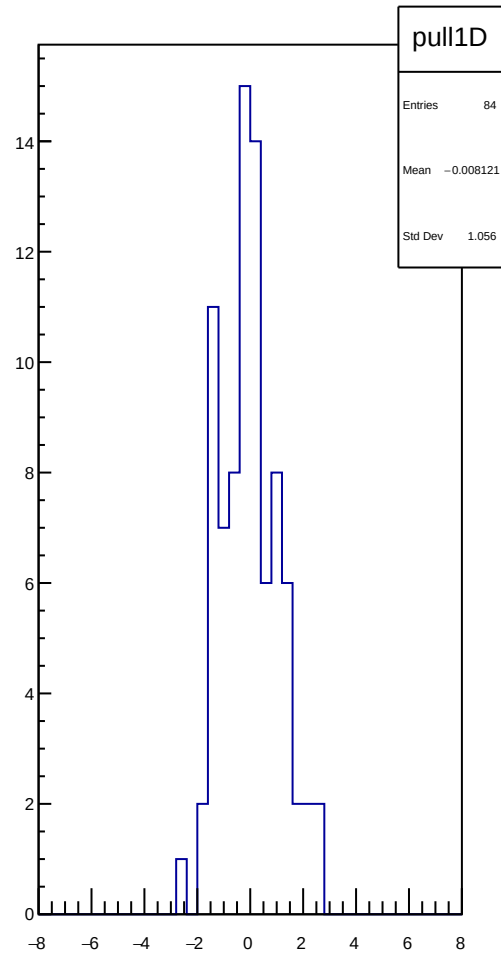
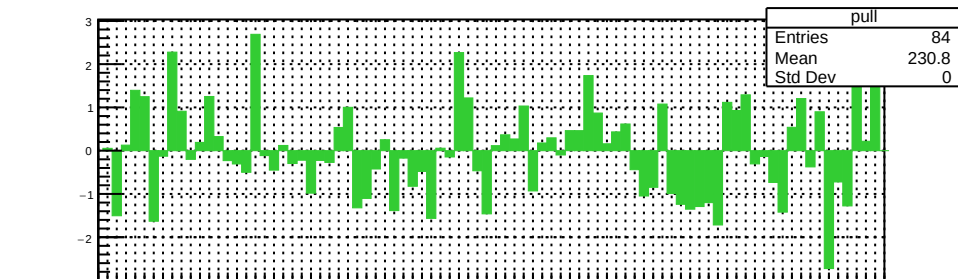
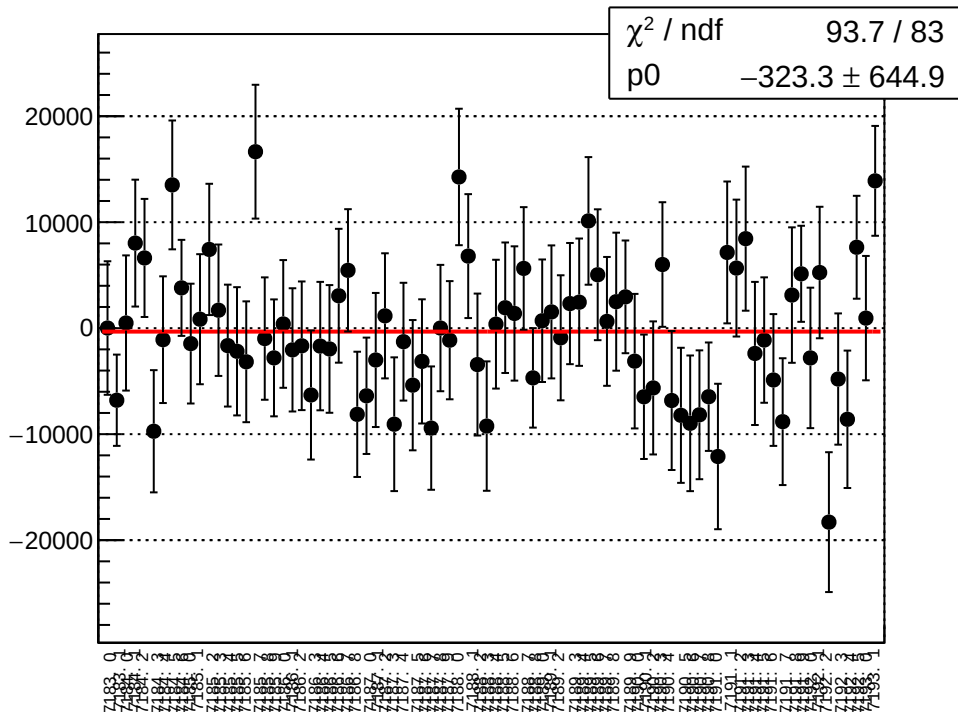
reg_asym_at1_dd_at2_dd_avg_mean vs run



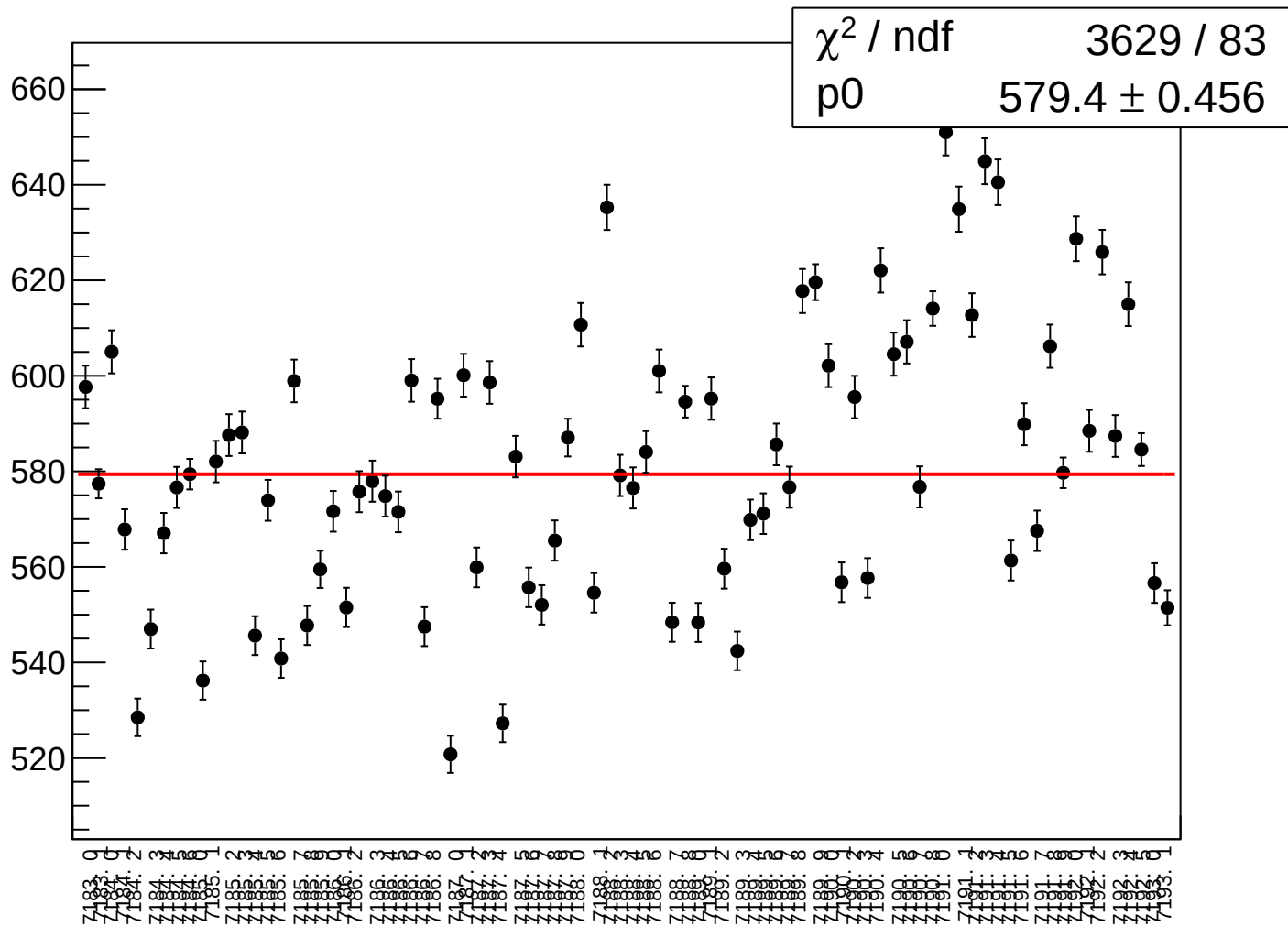
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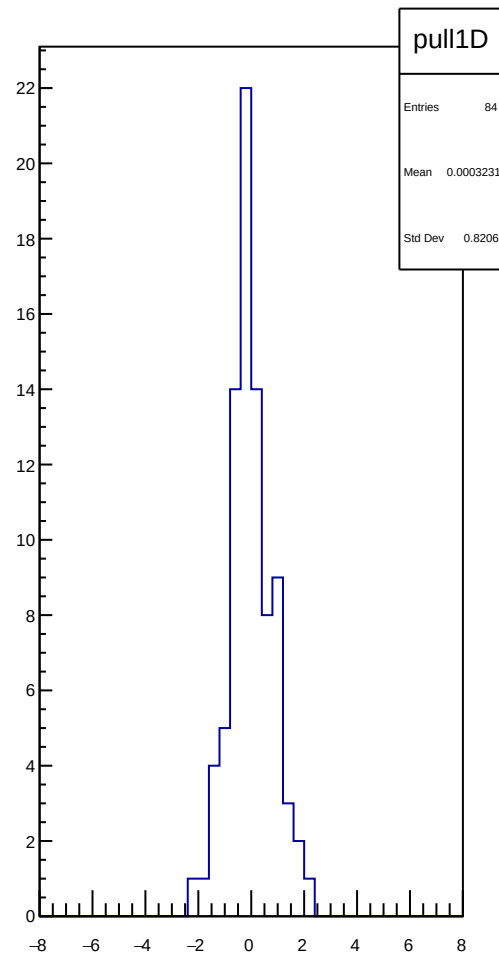
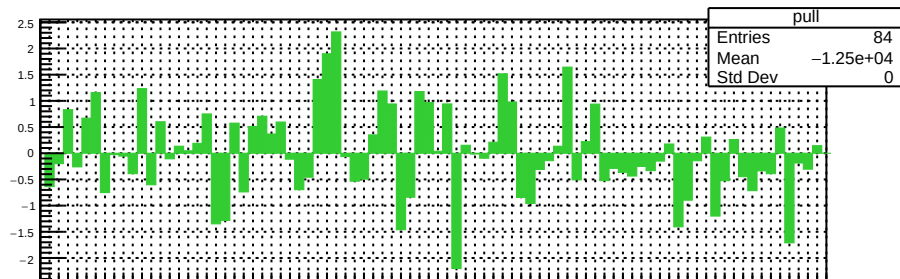
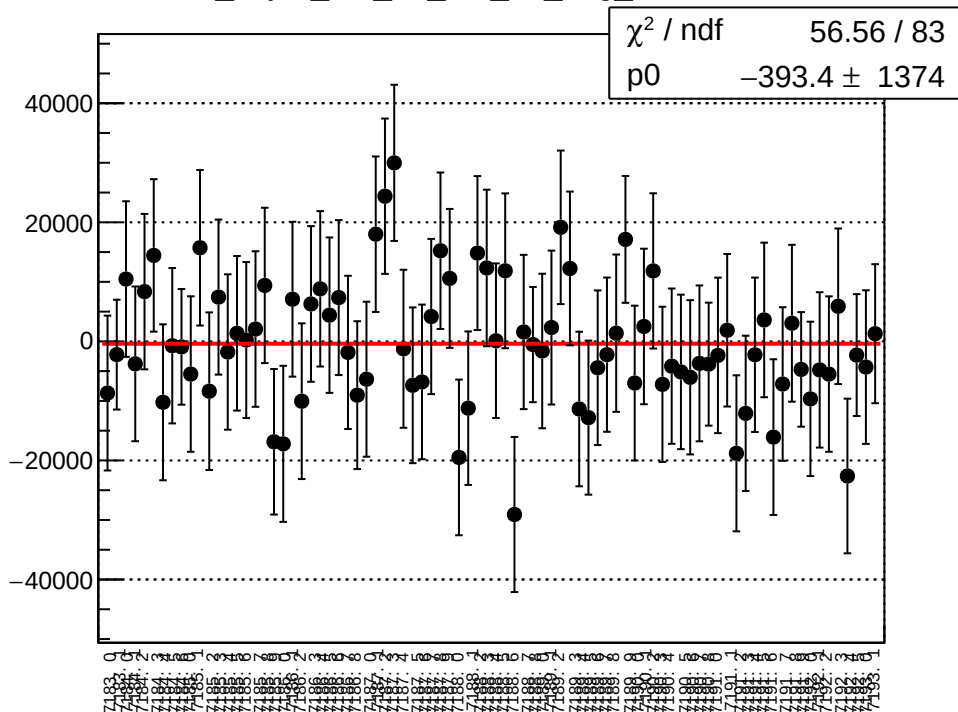
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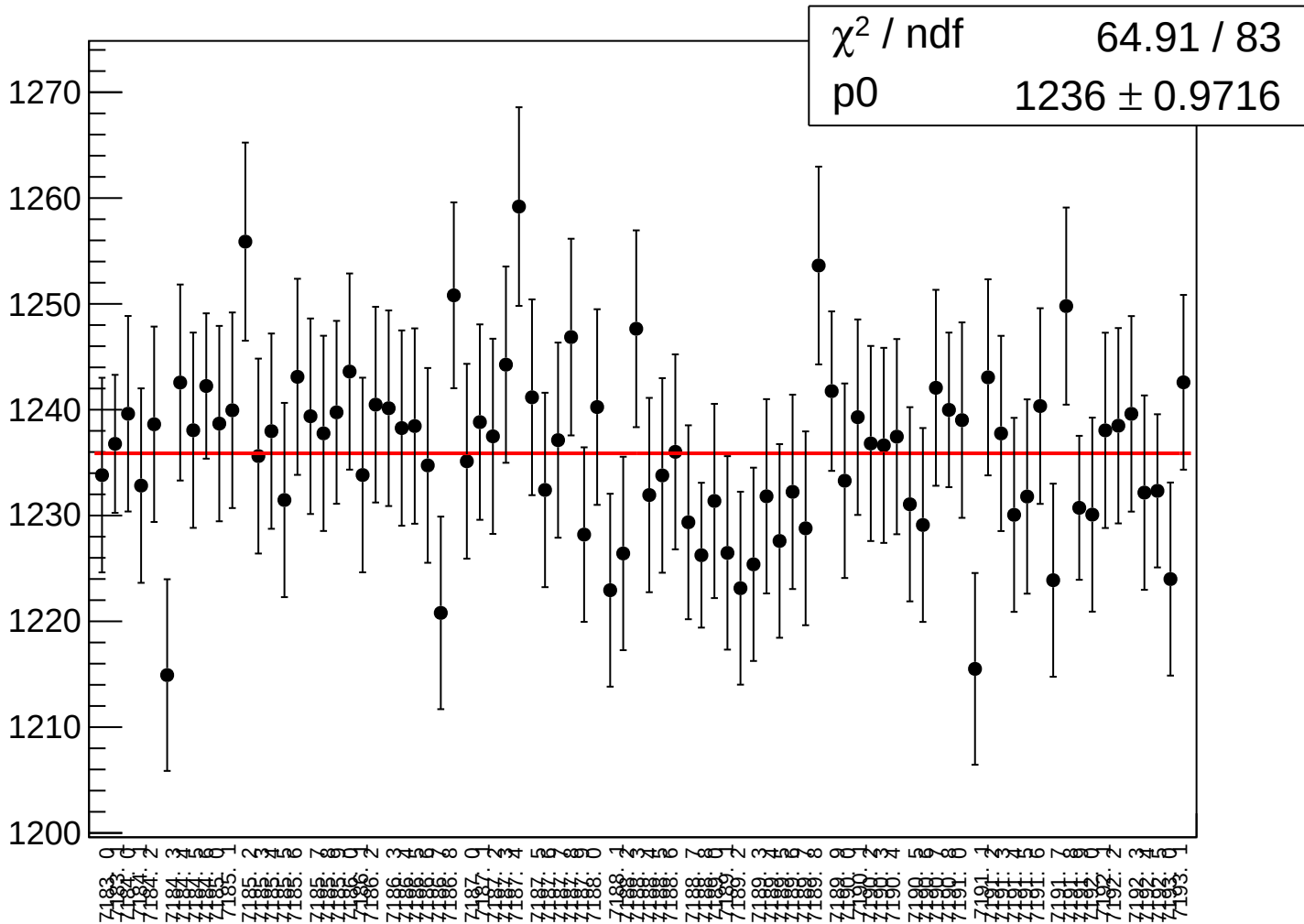
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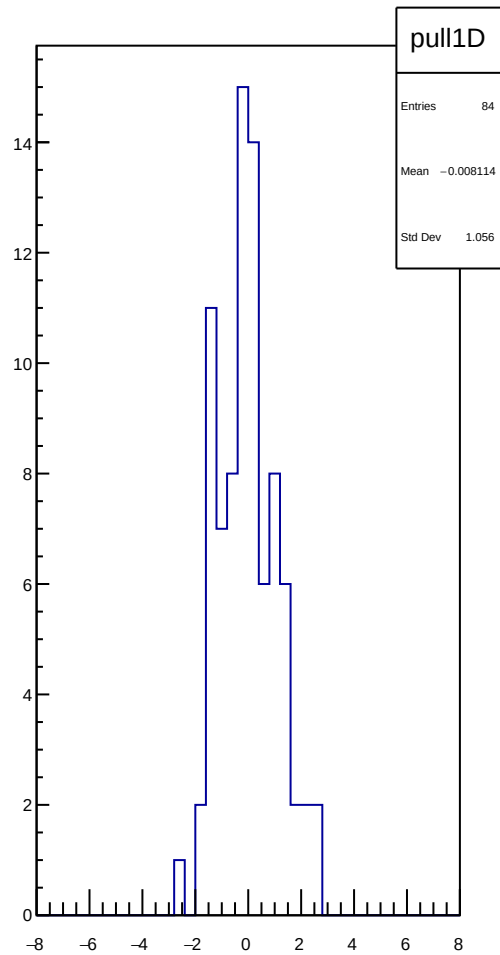
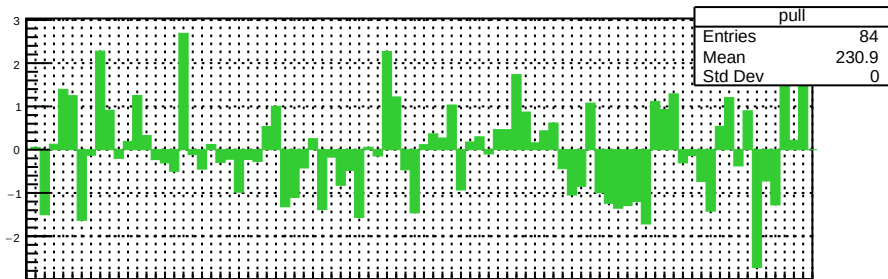
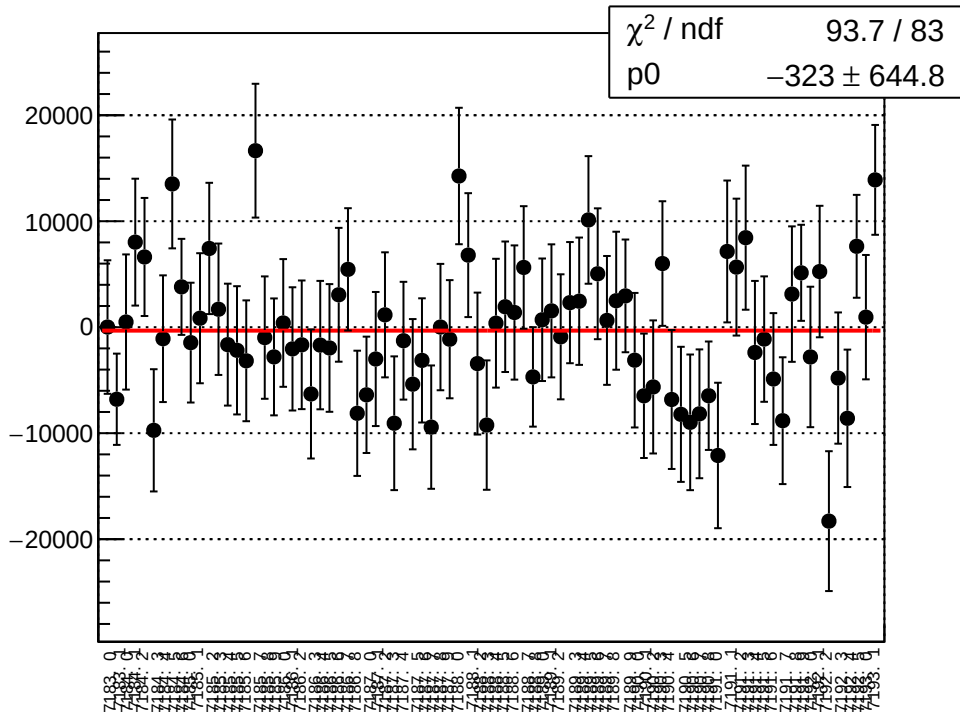
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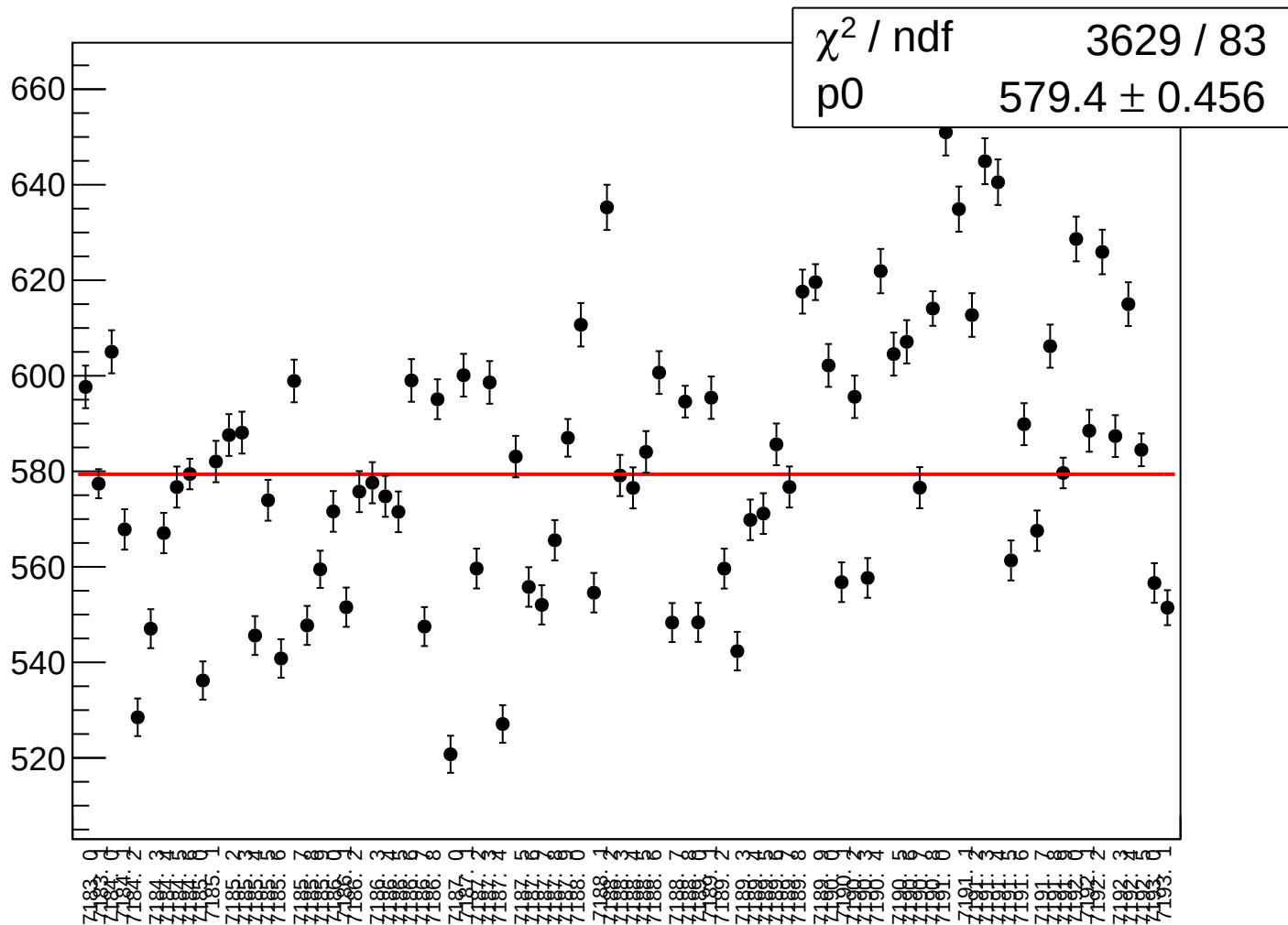
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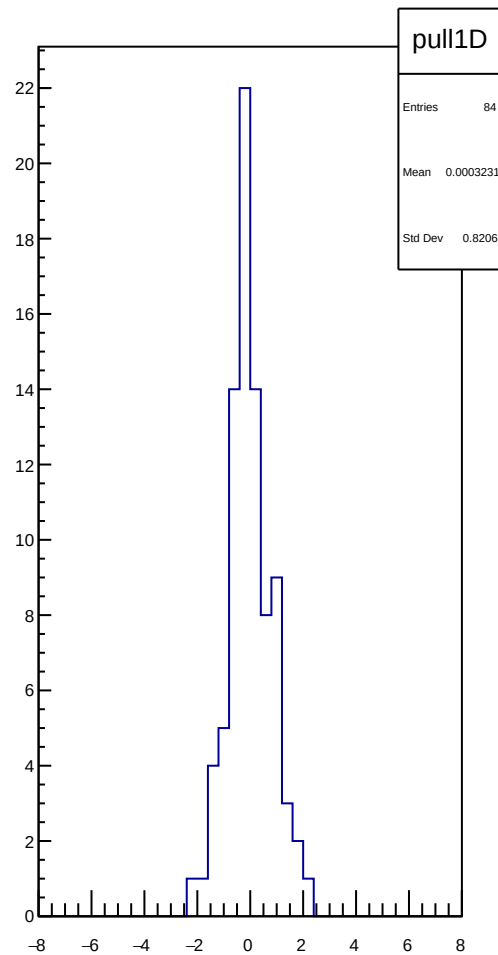
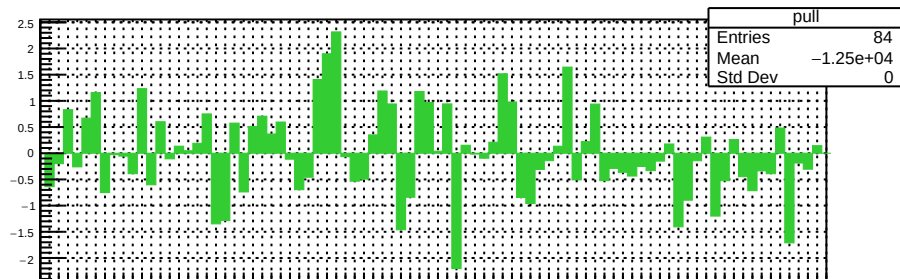
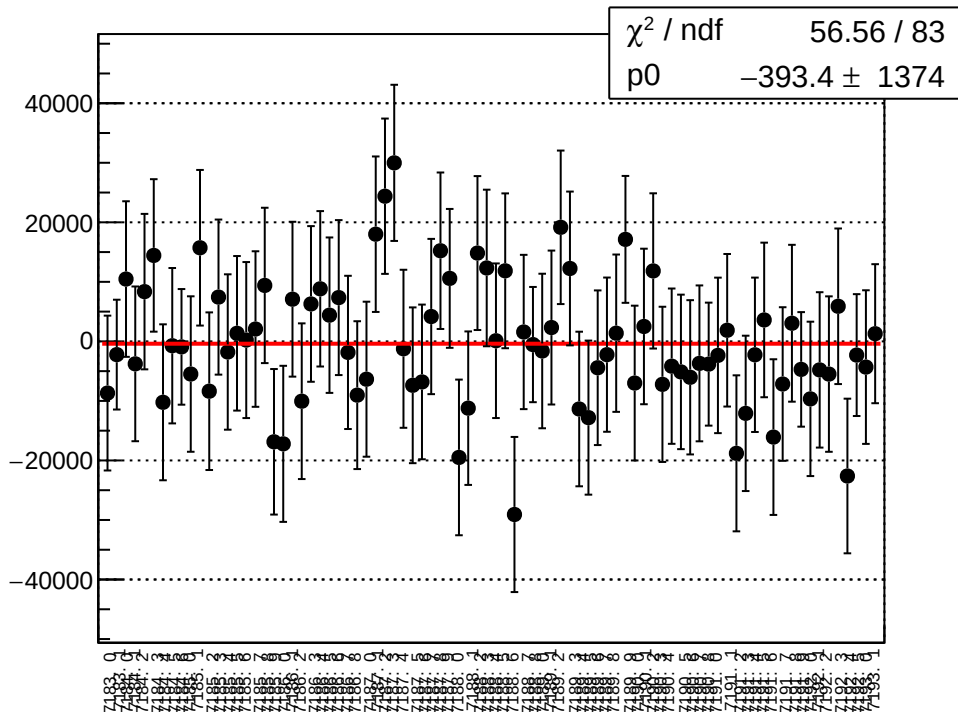
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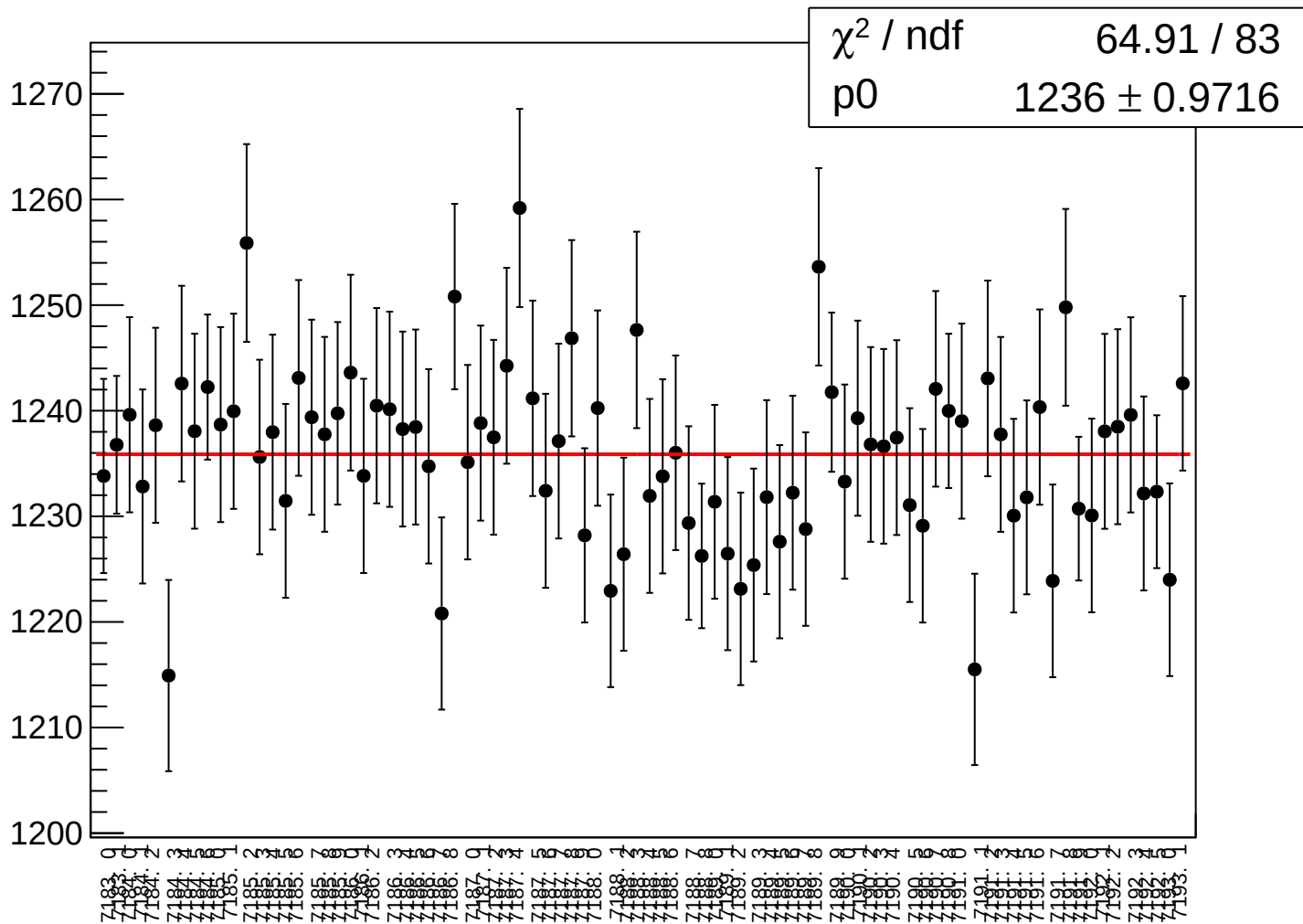
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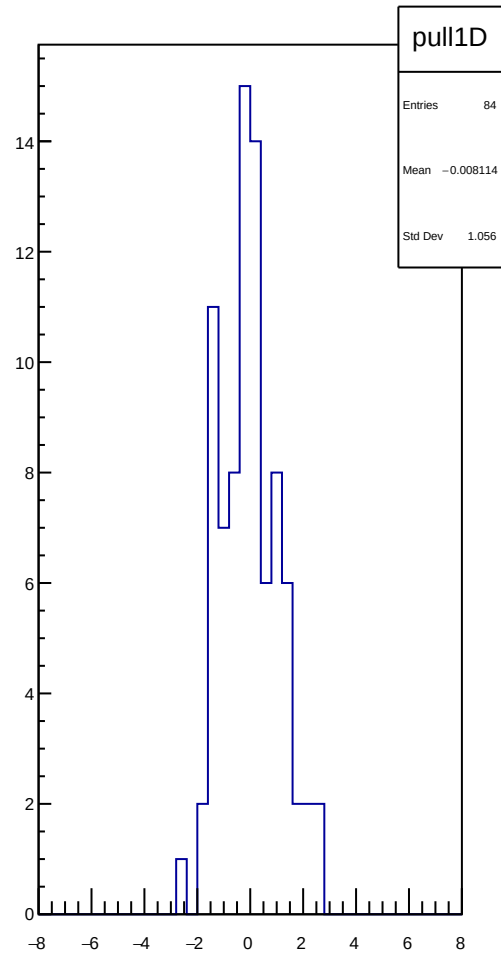
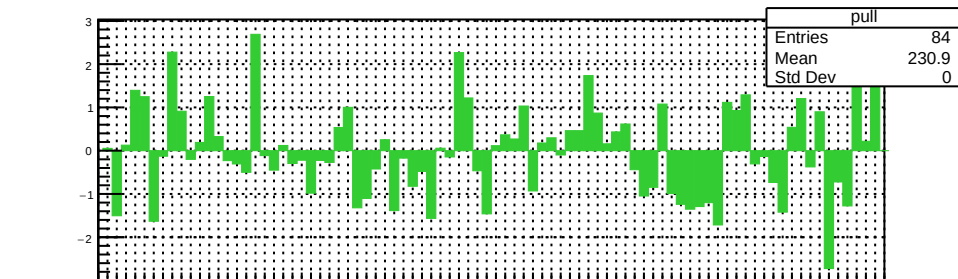
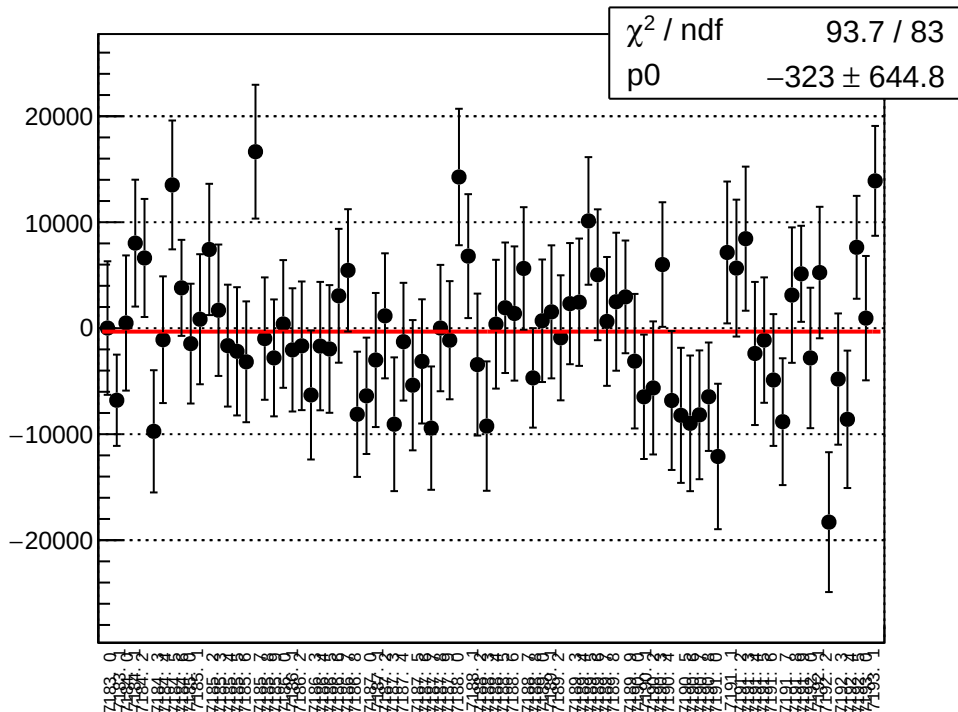
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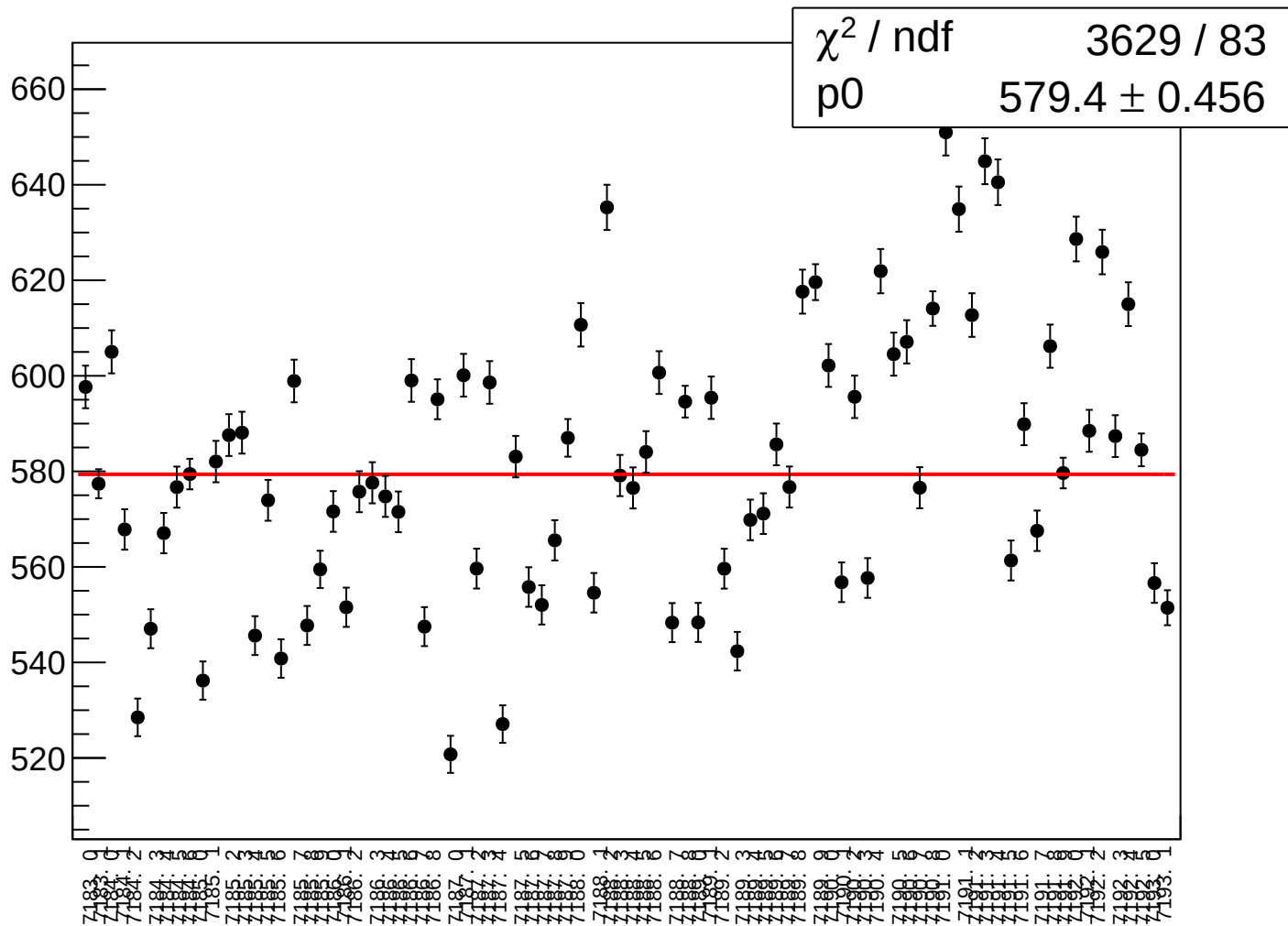
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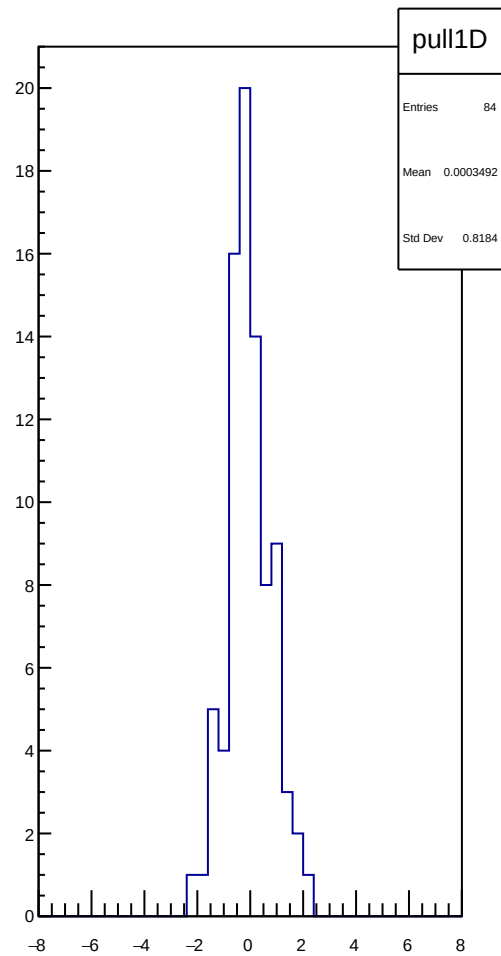
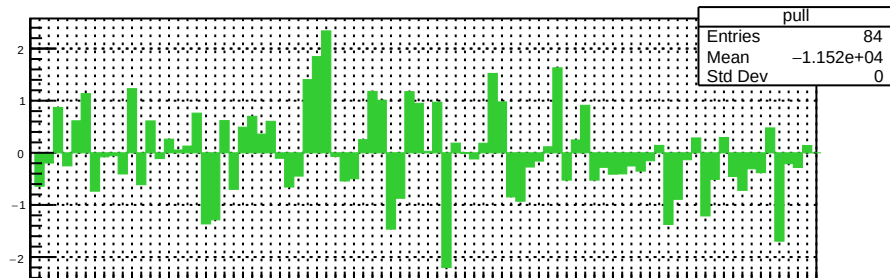
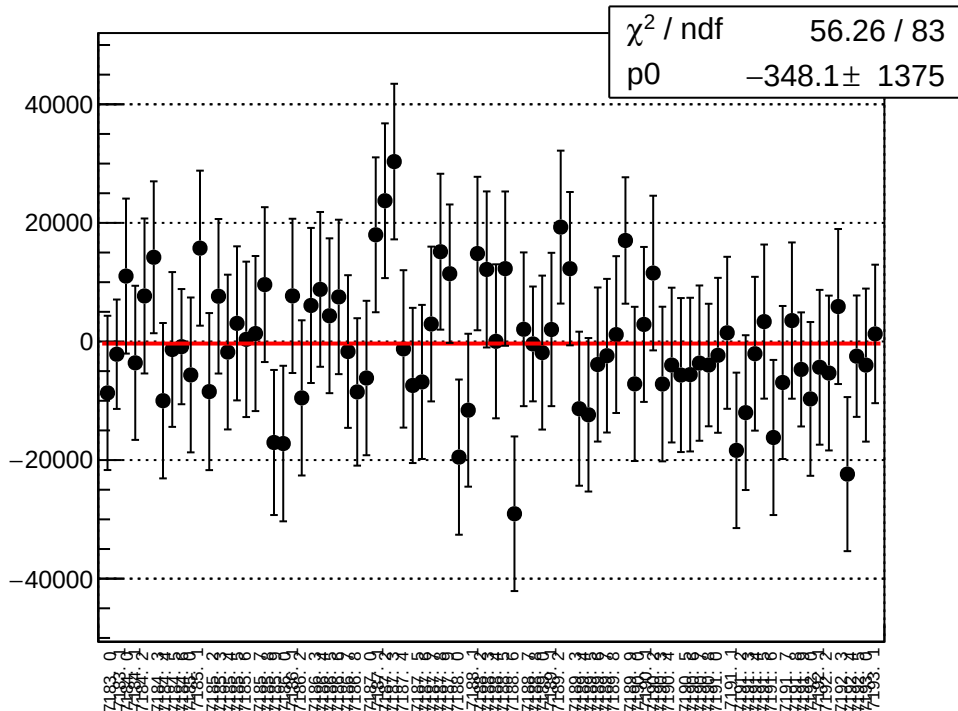
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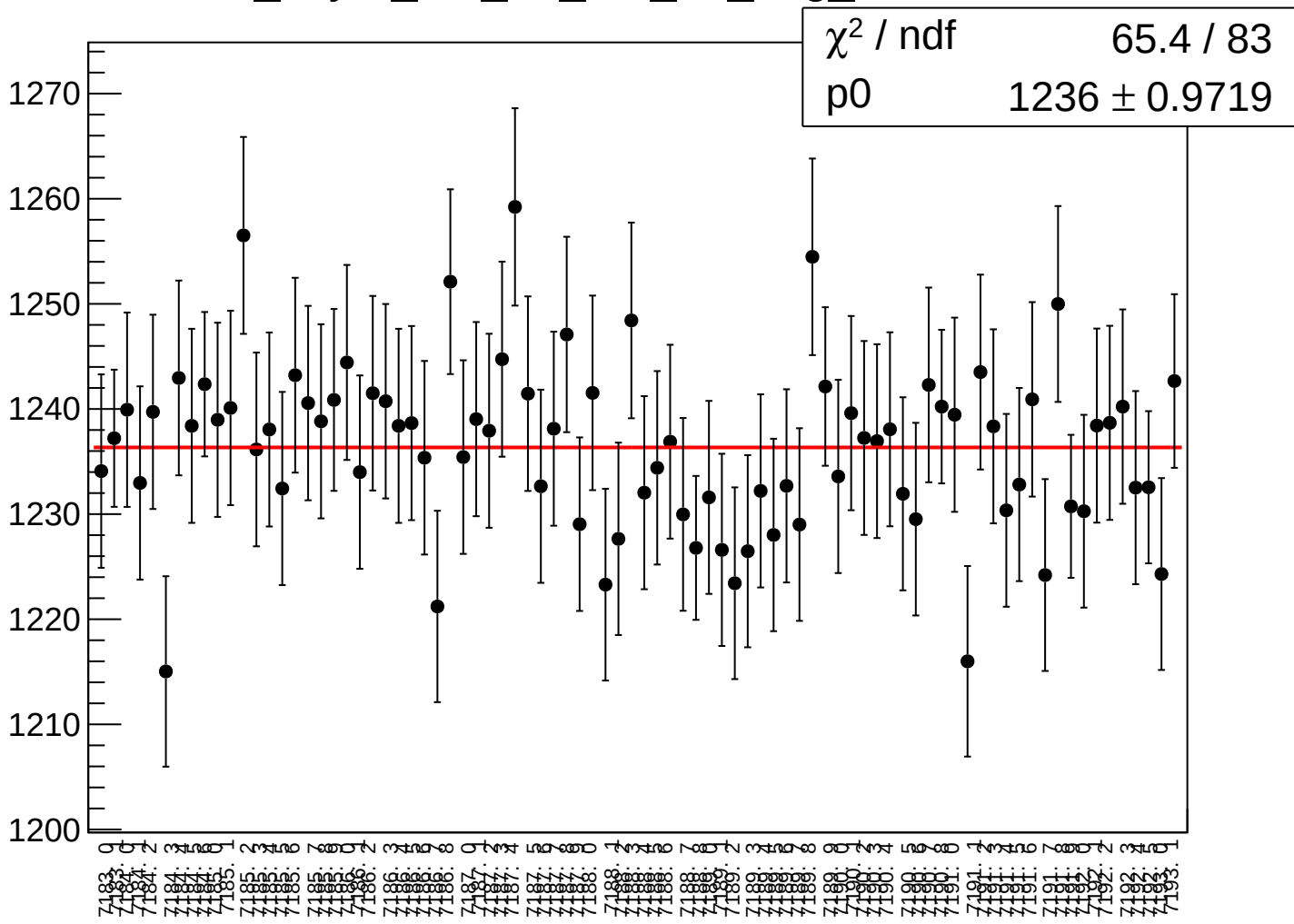
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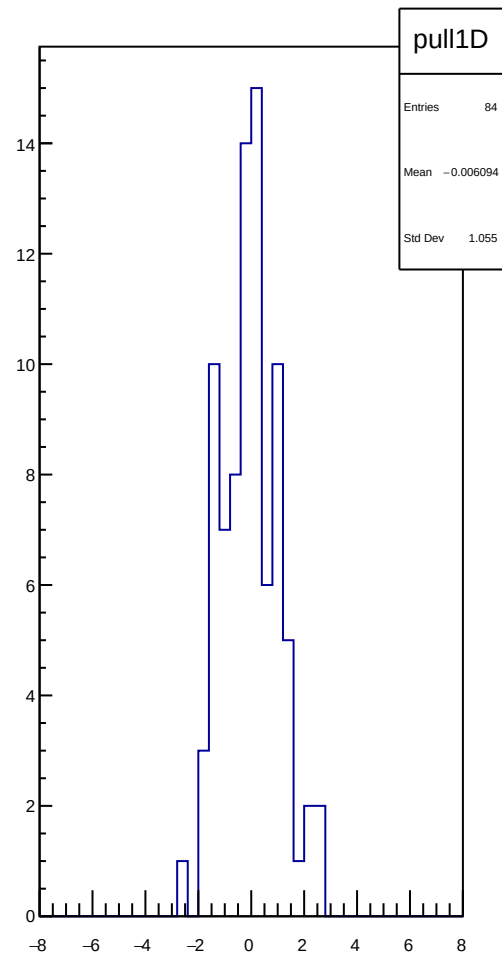
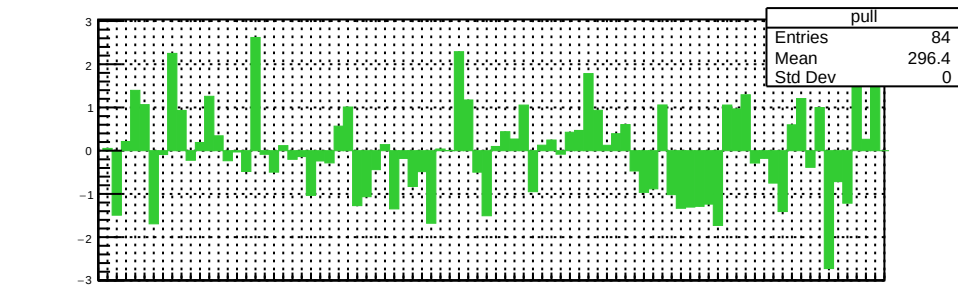
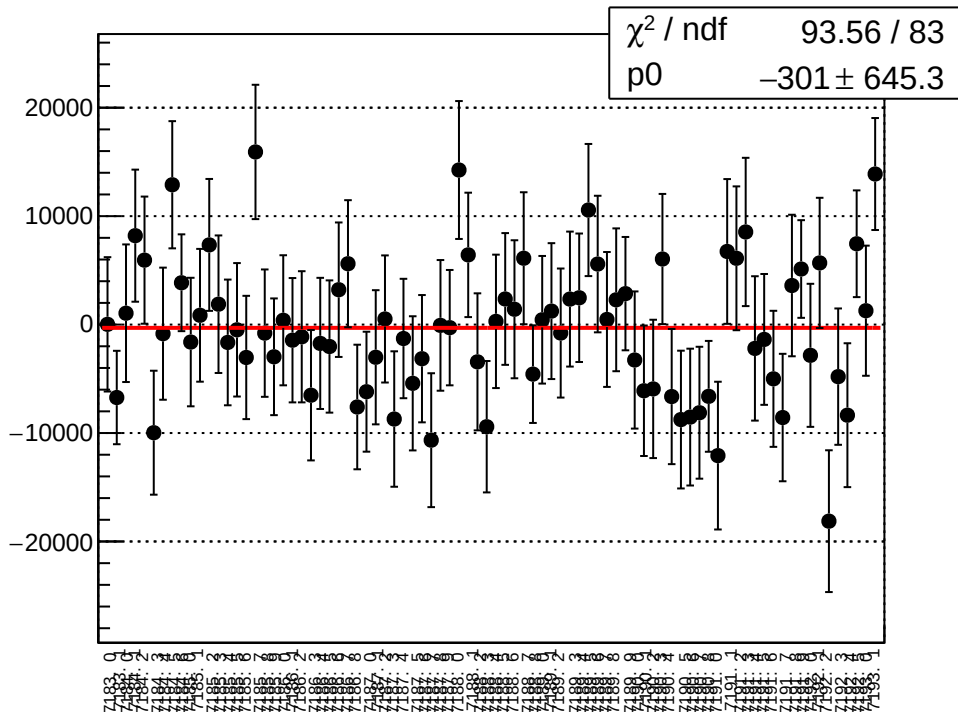
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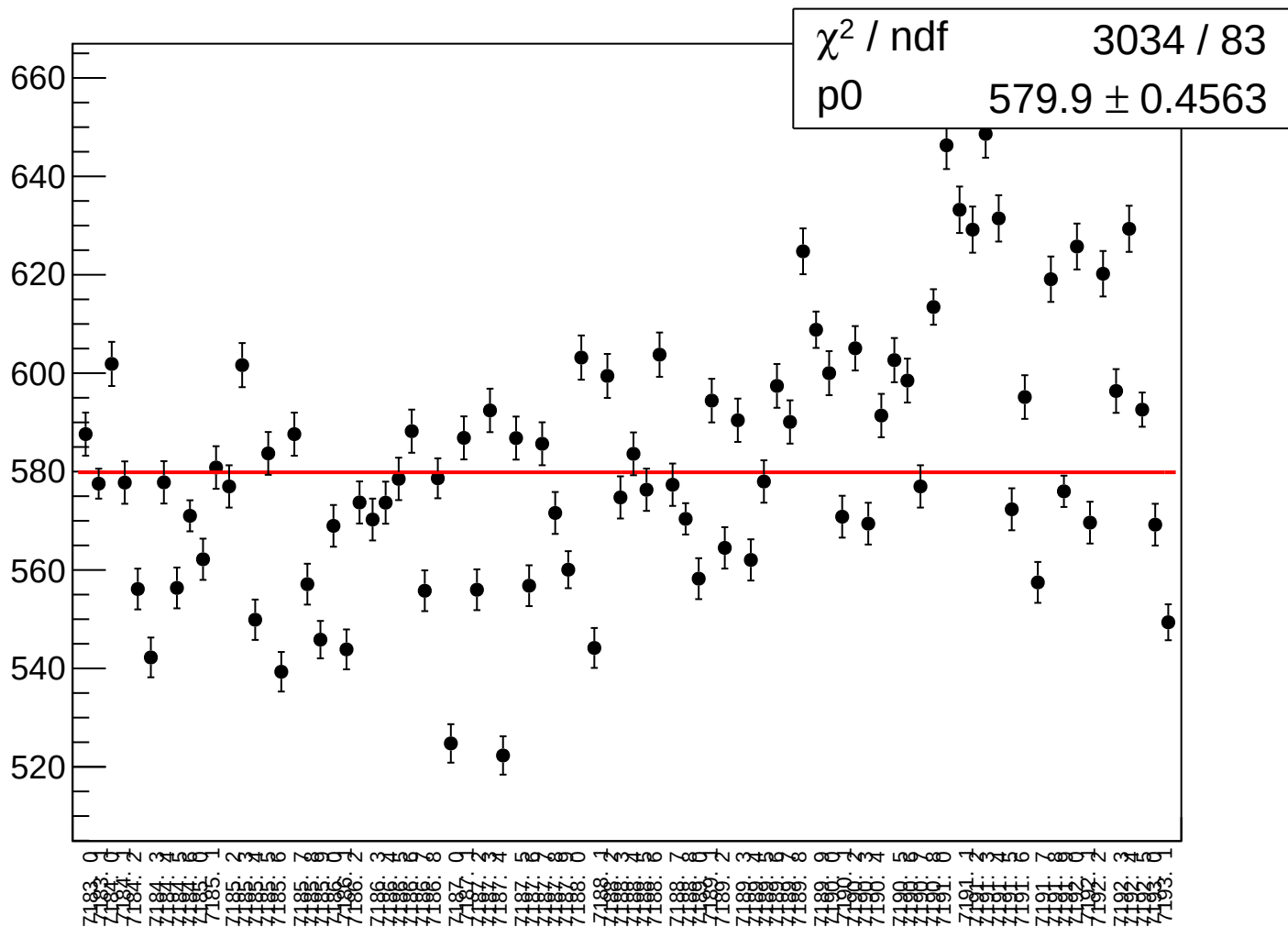
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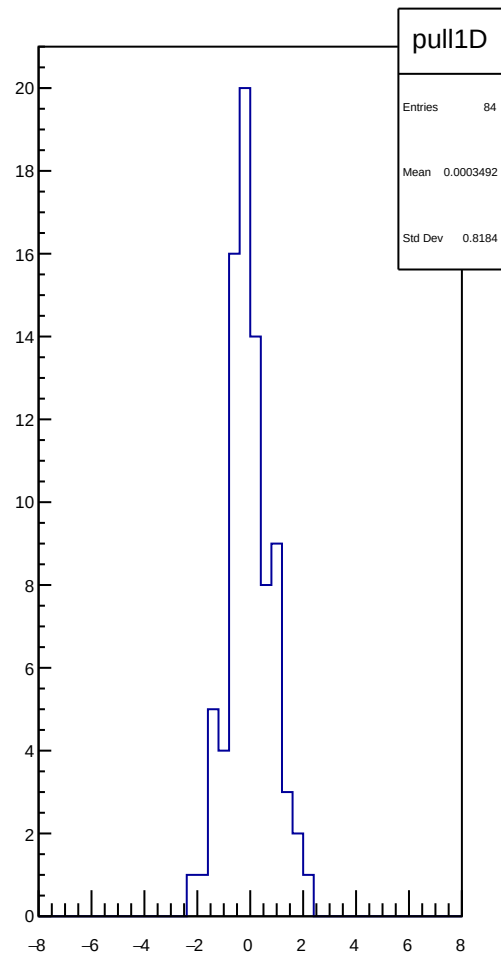
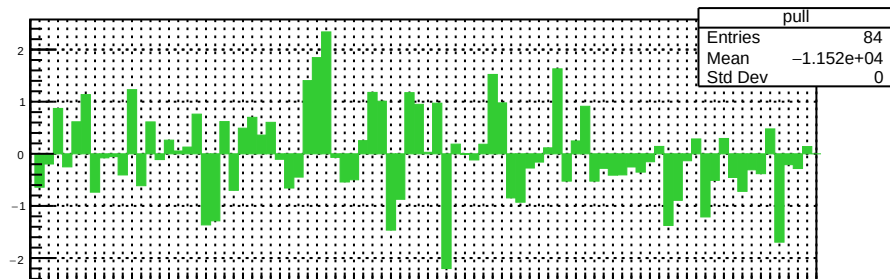
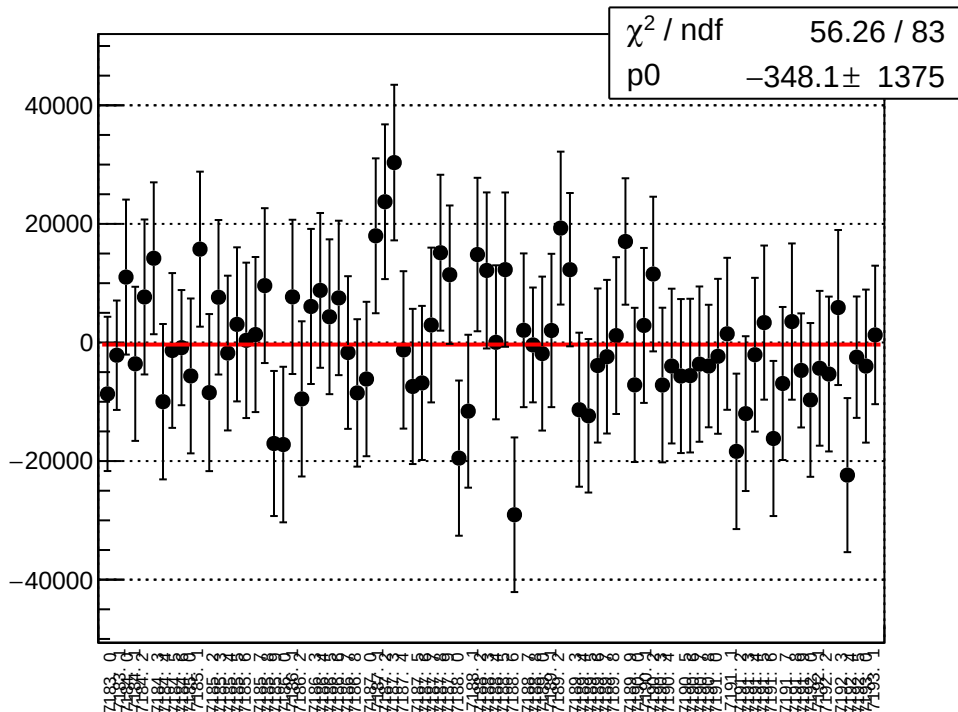
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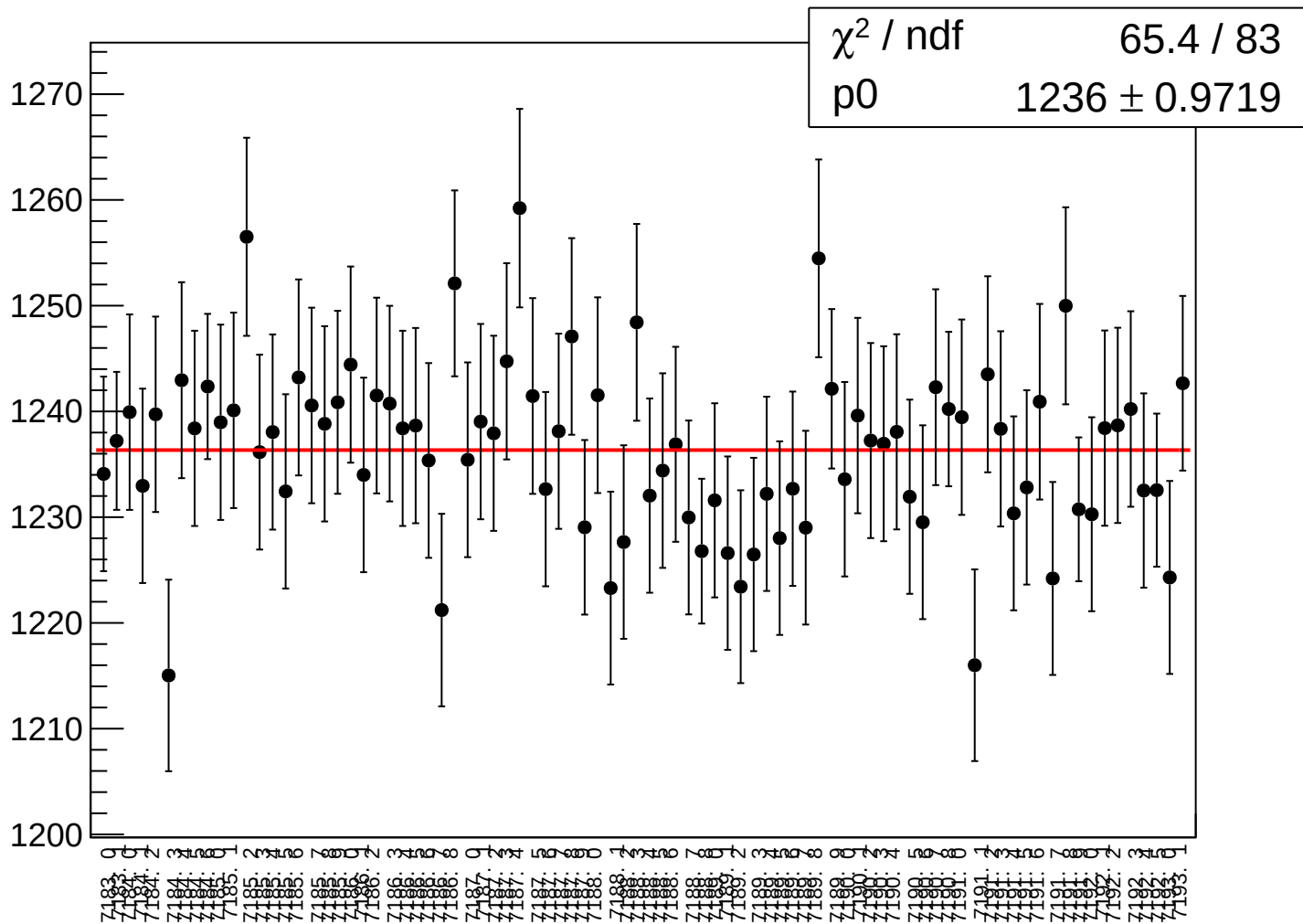
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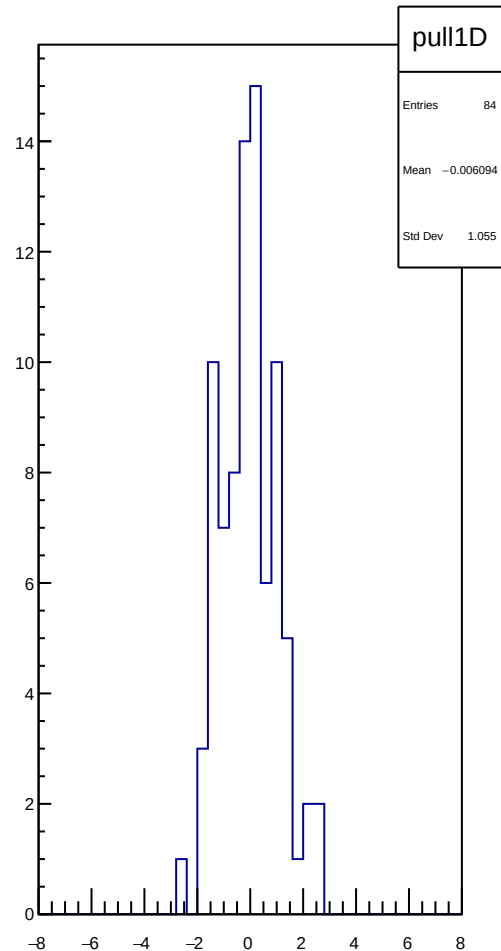
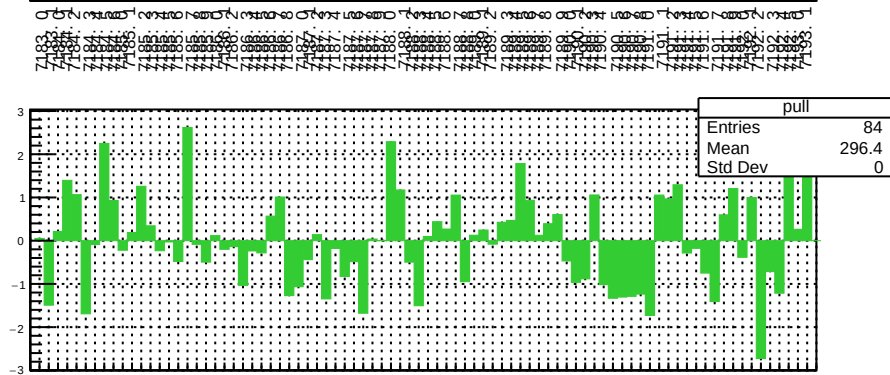
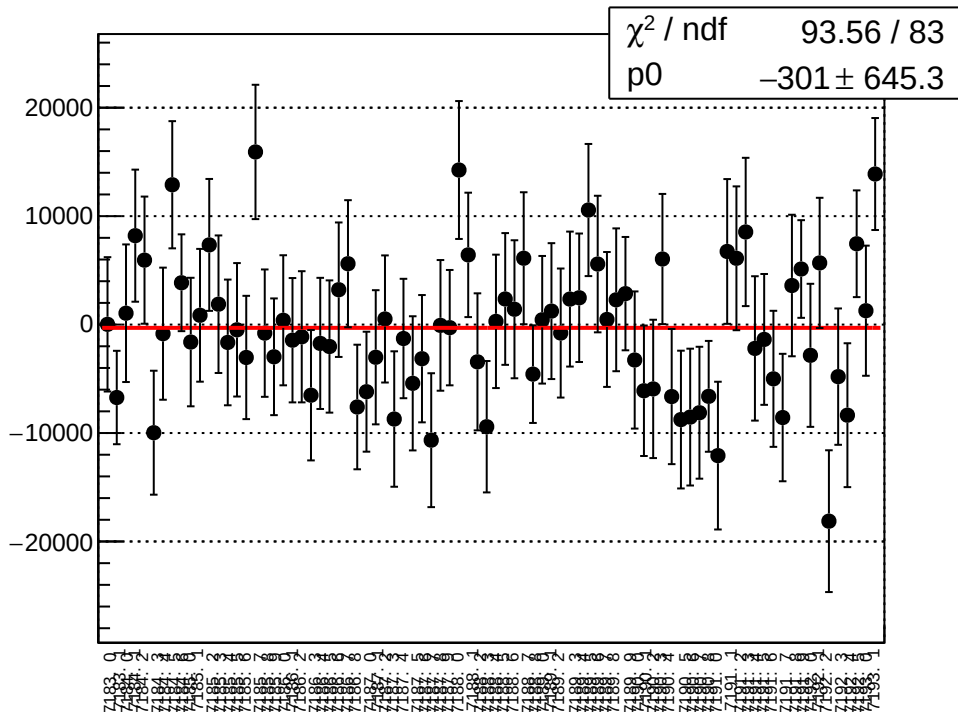
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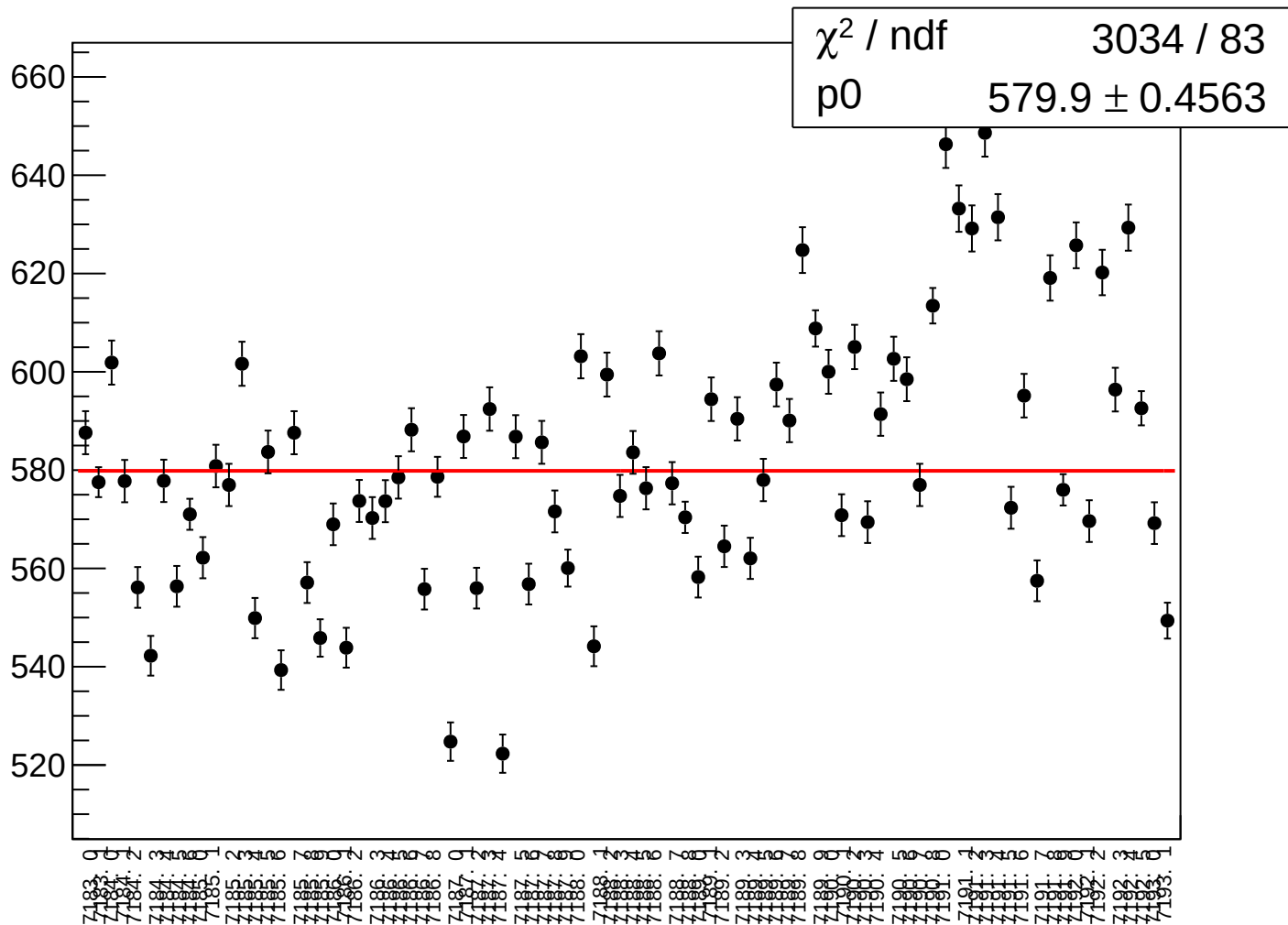
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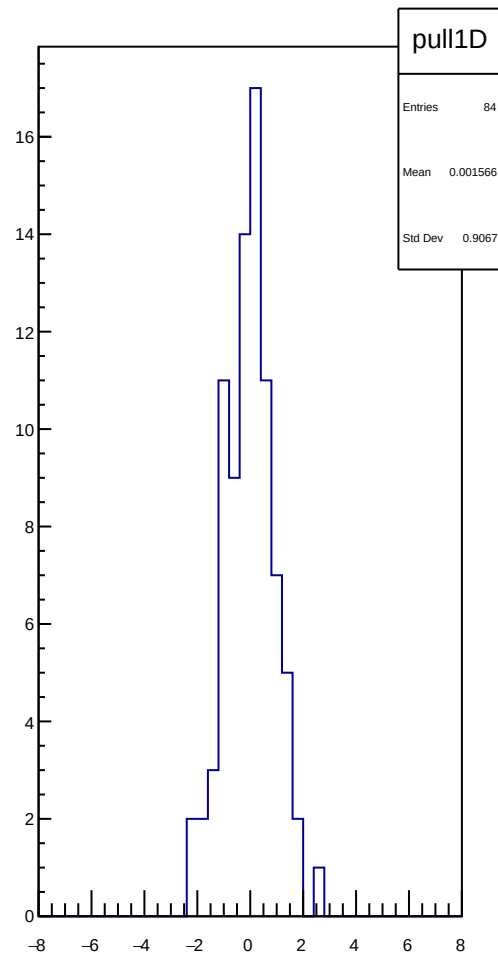
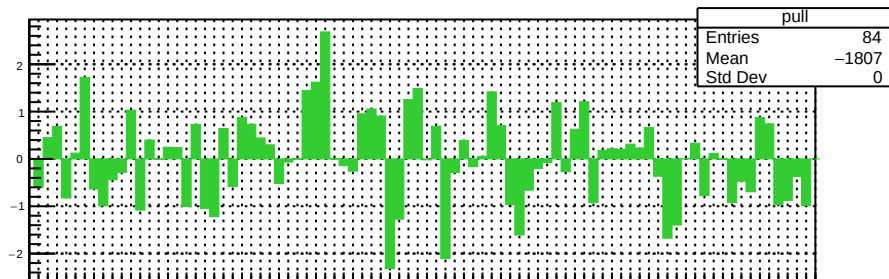
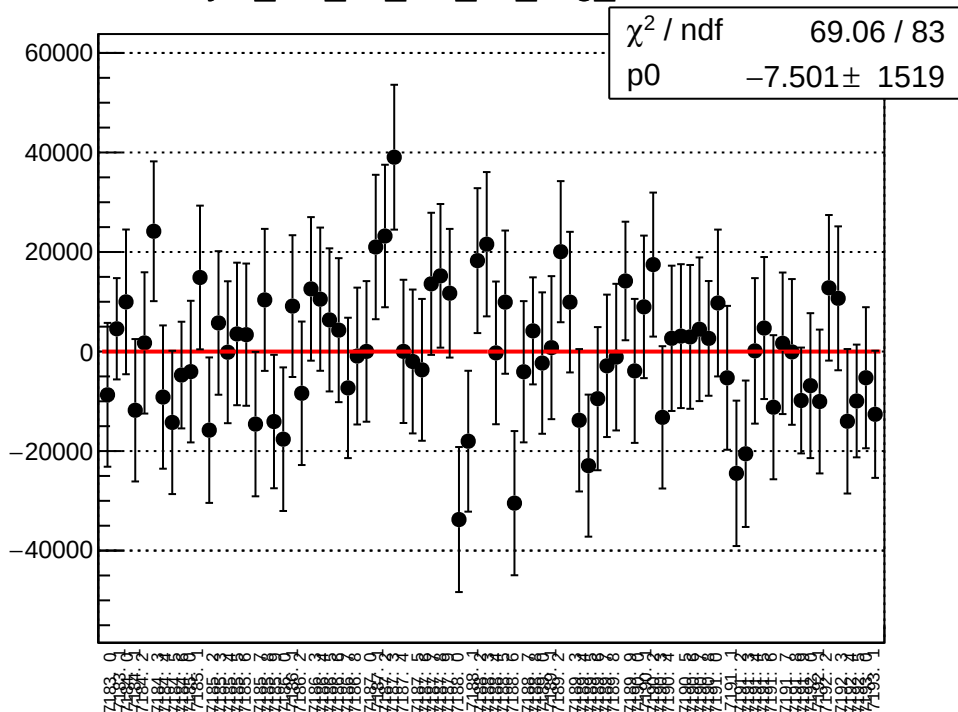
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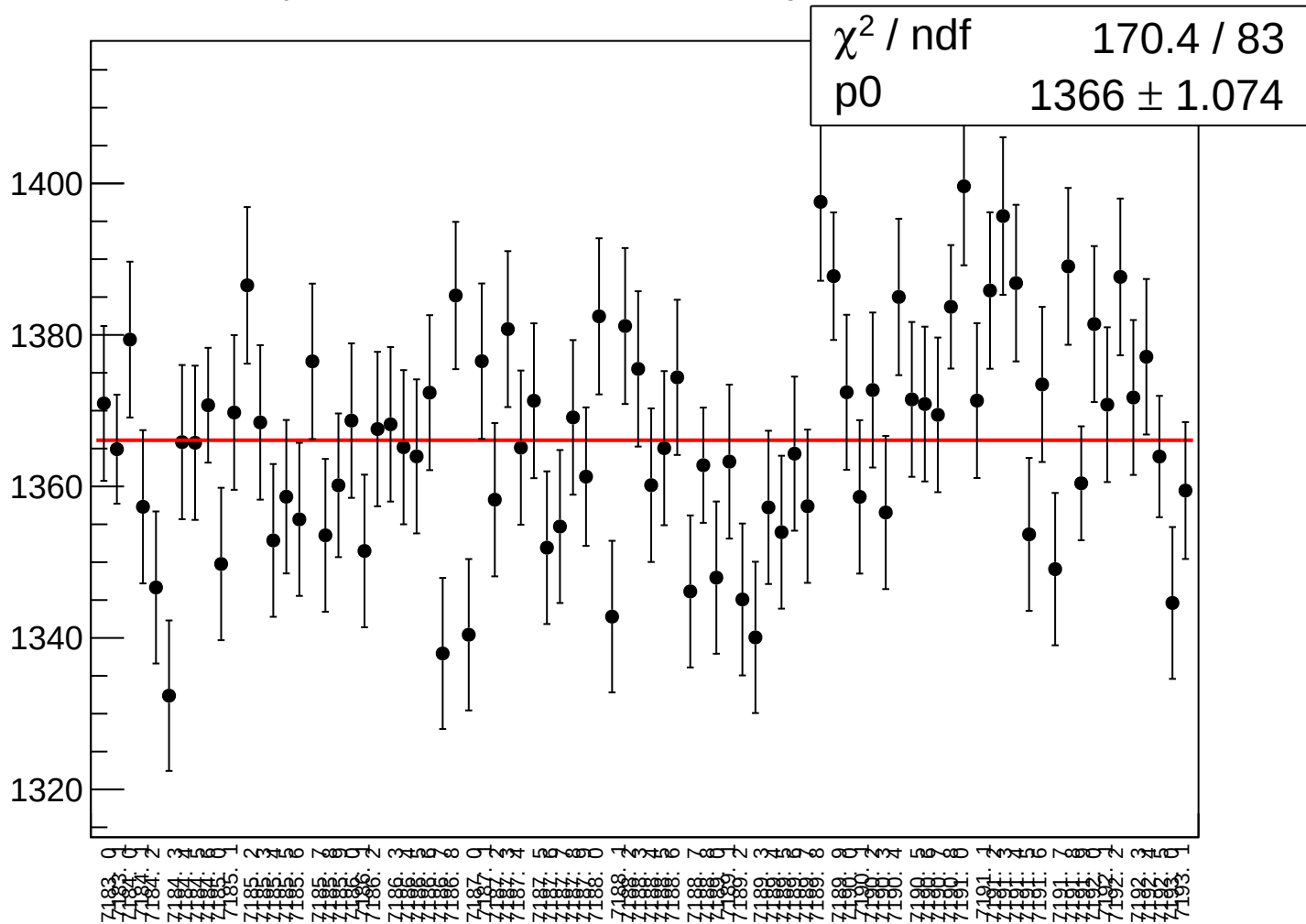
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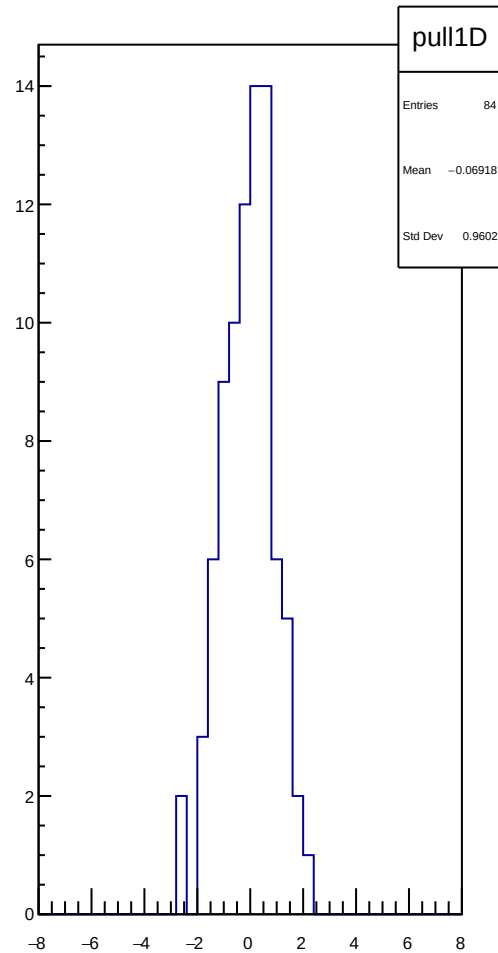
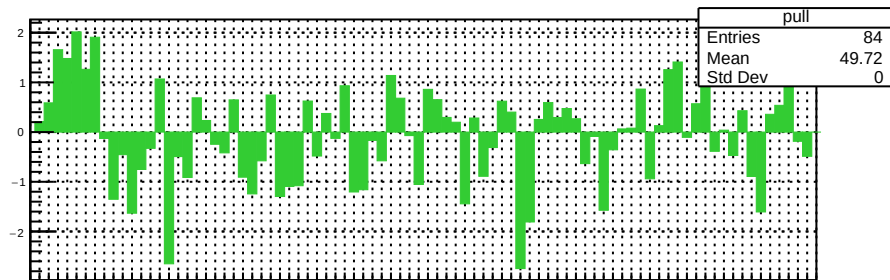
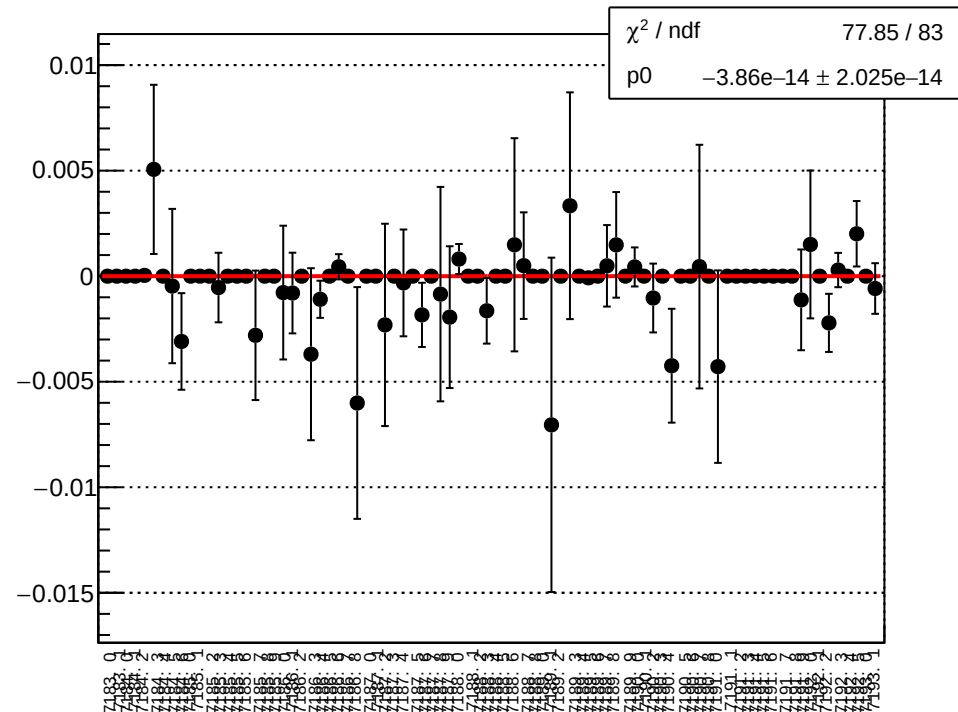
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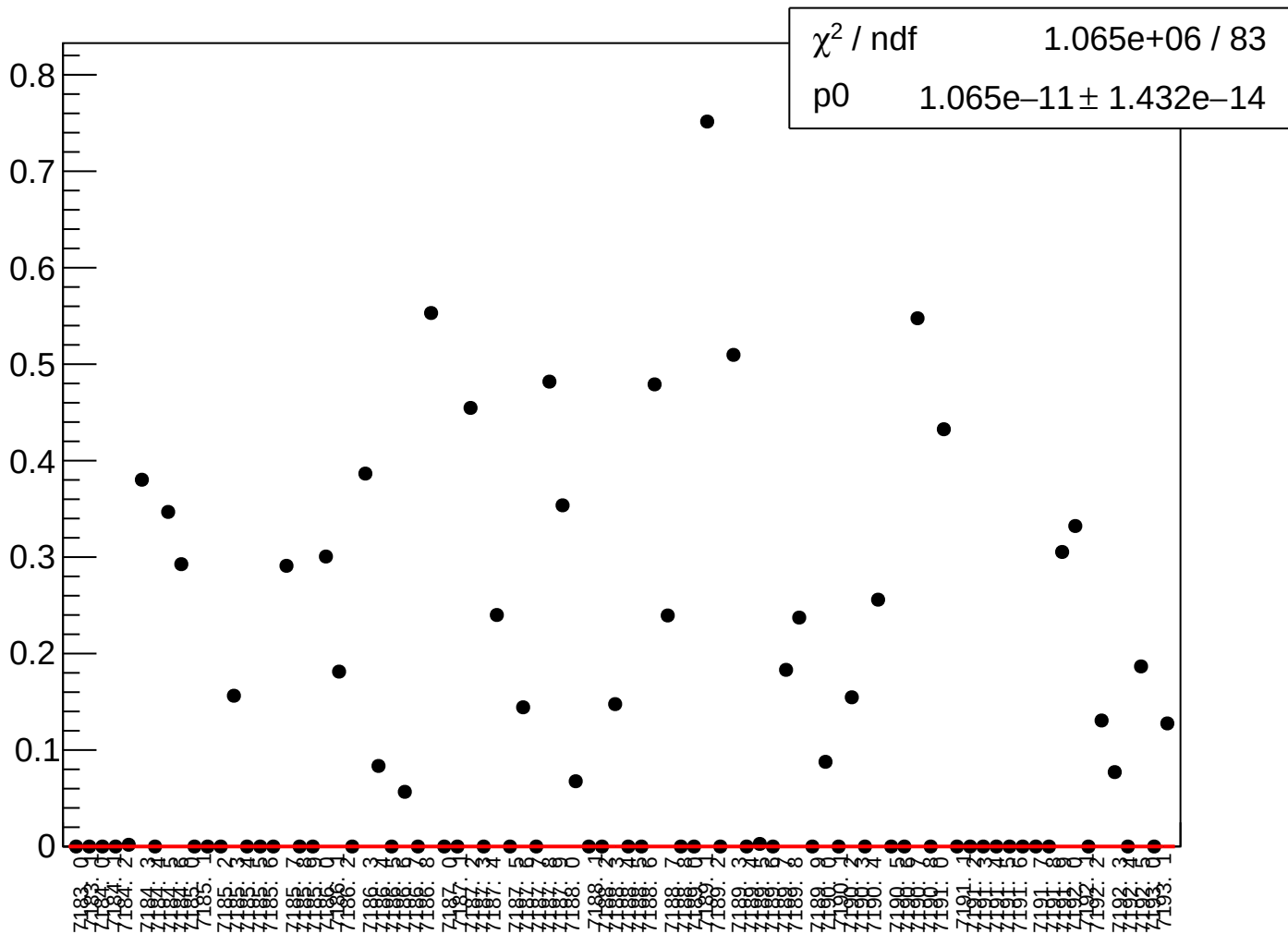
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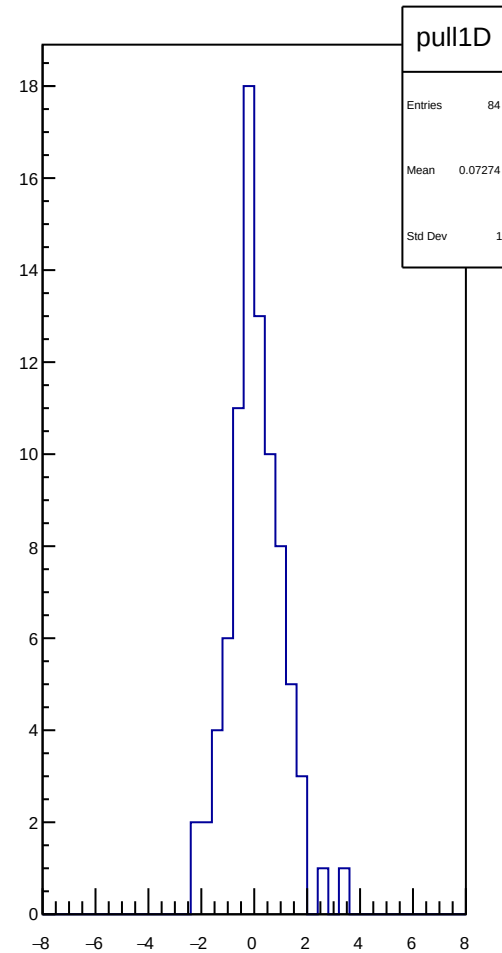
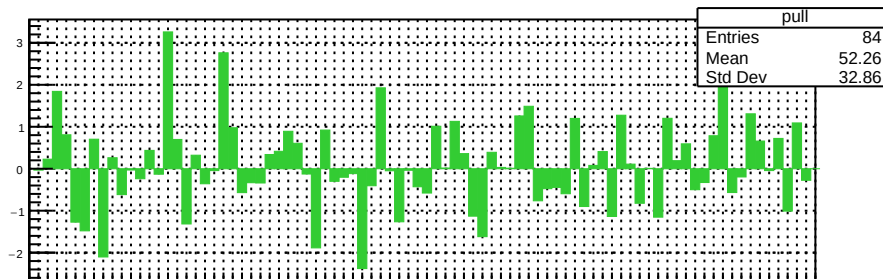
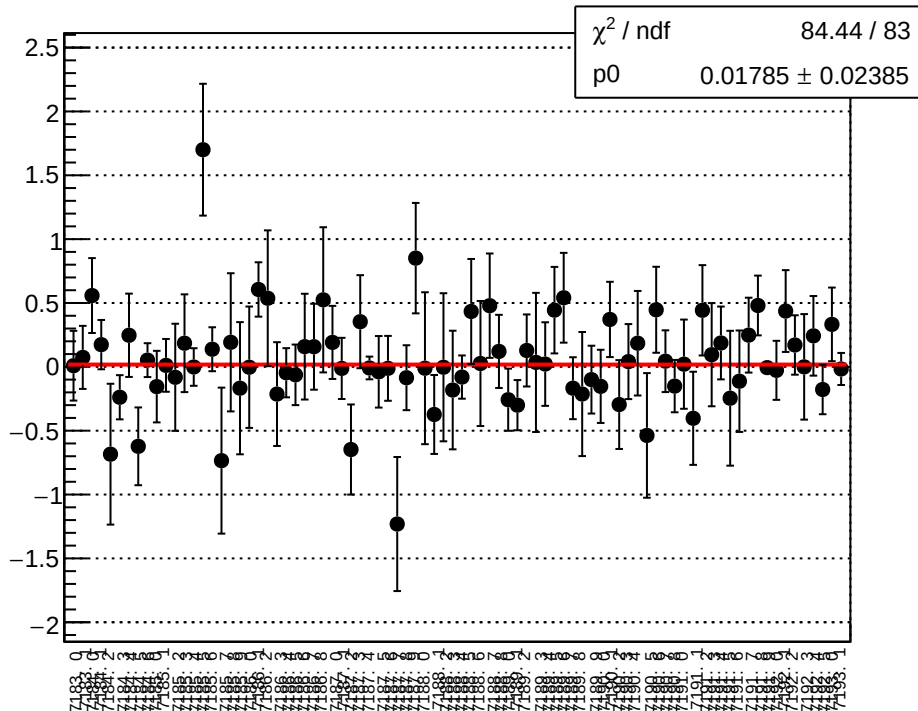
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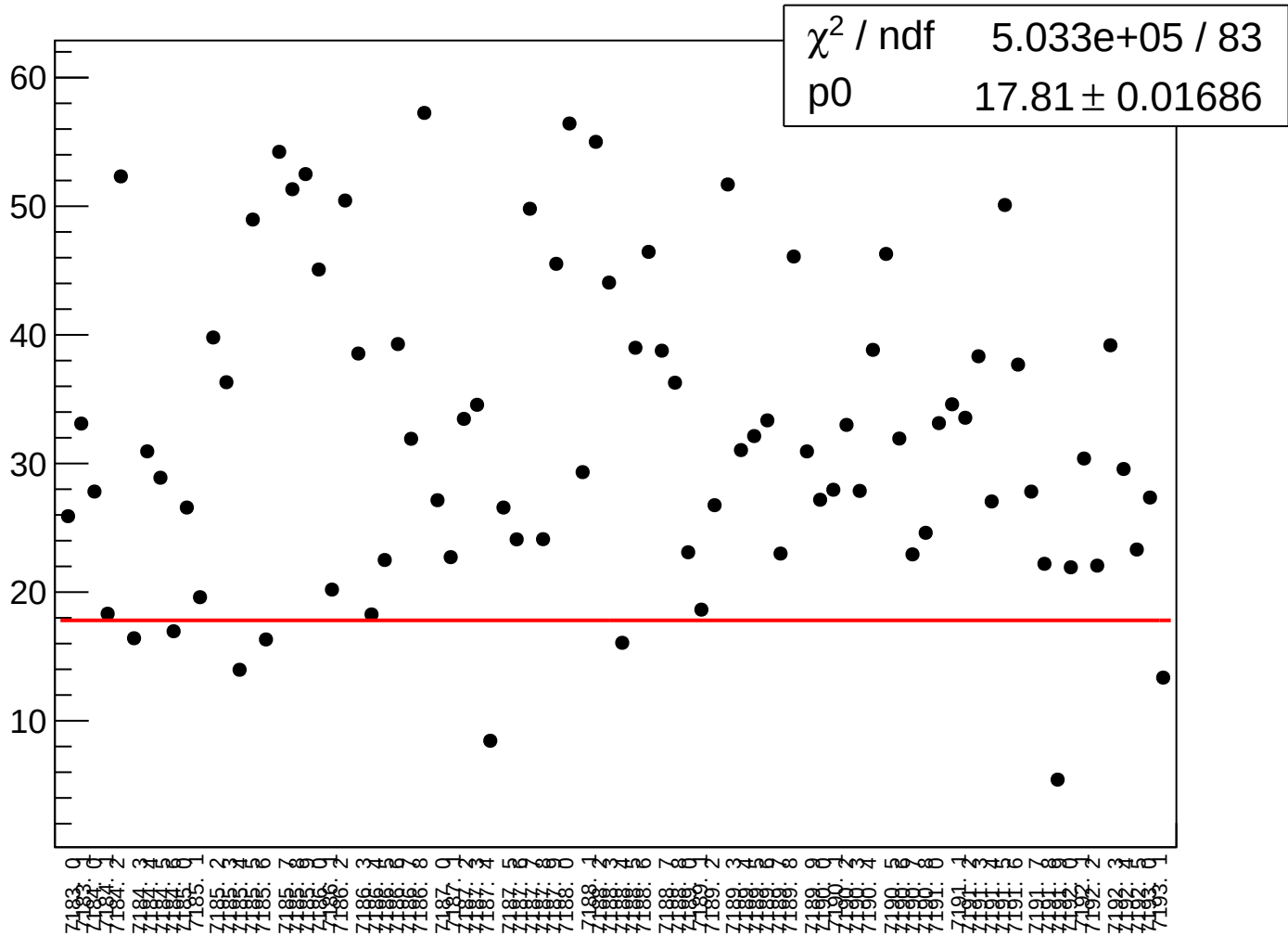
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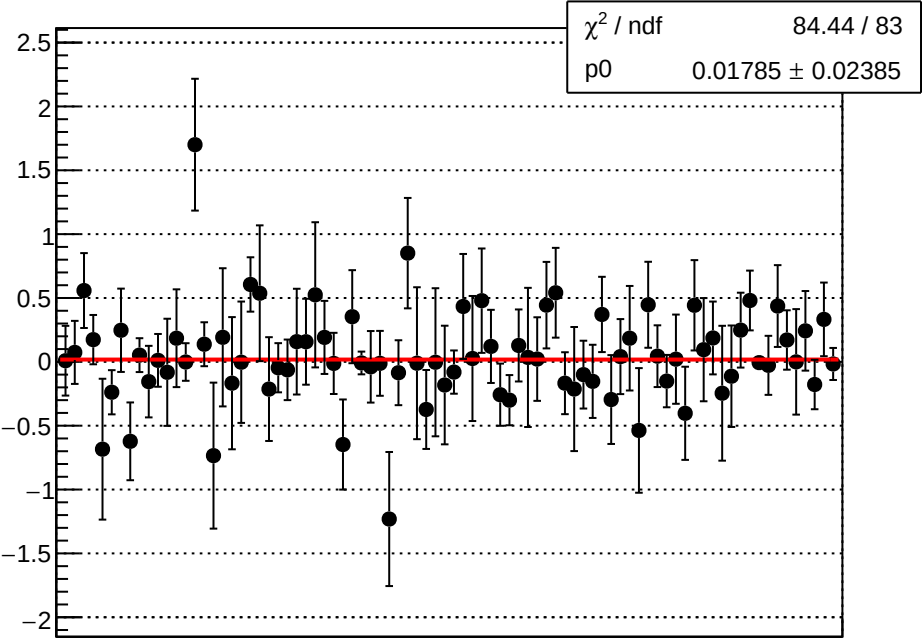
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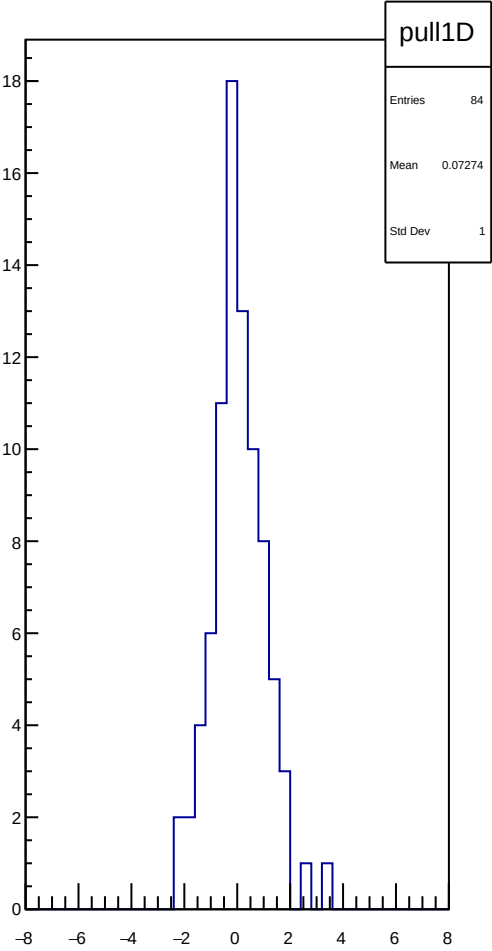
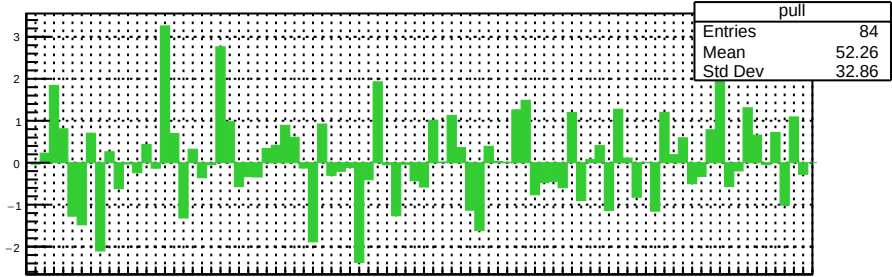
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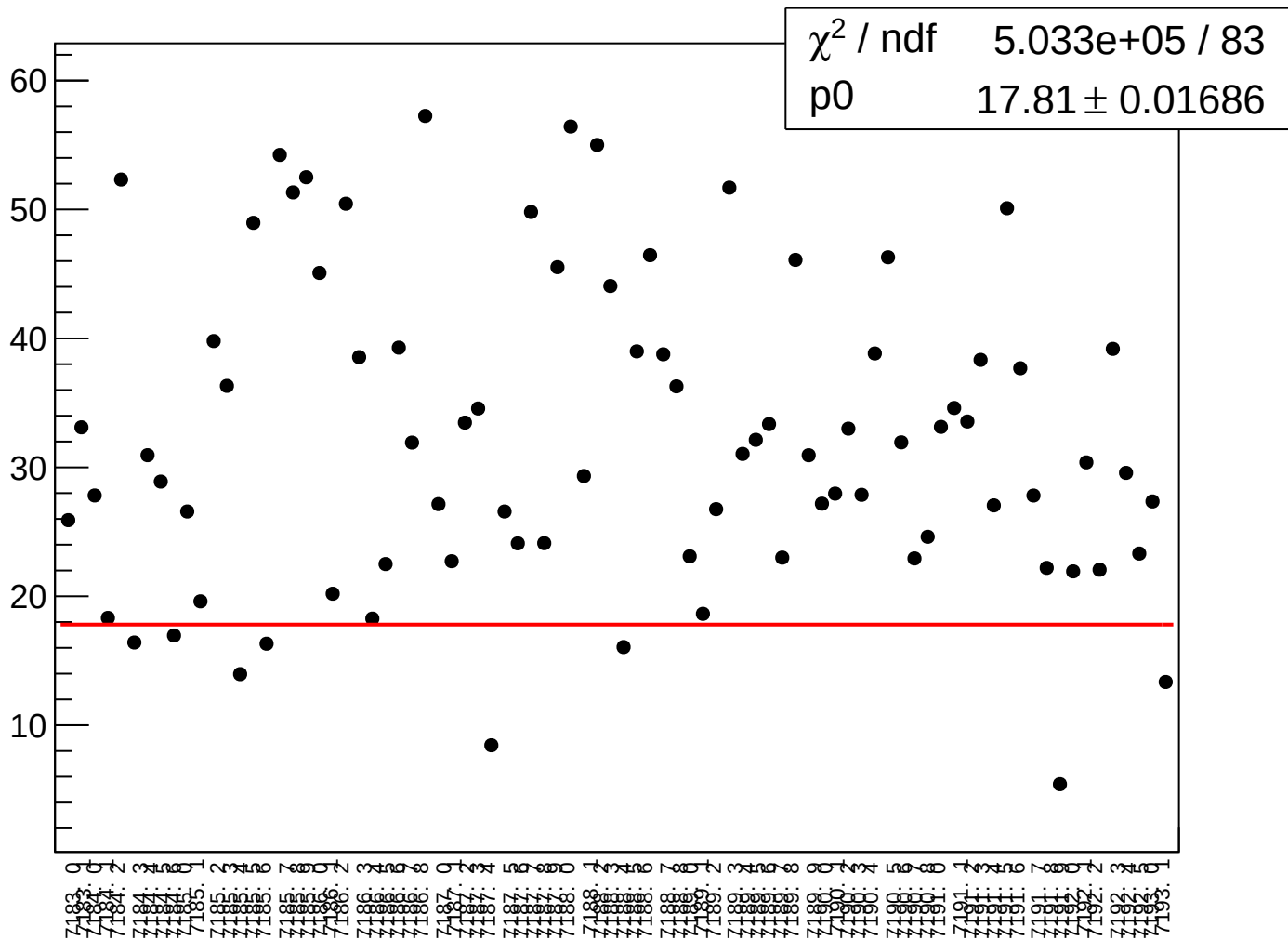
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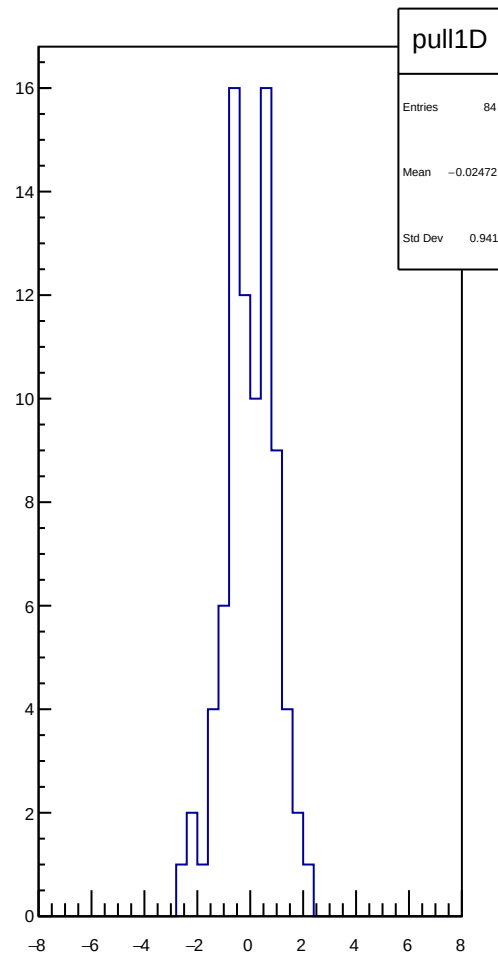
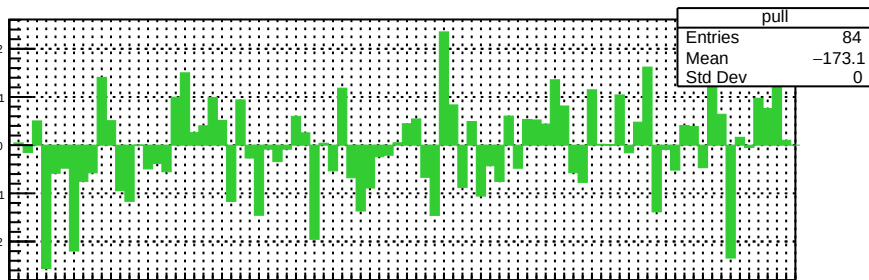
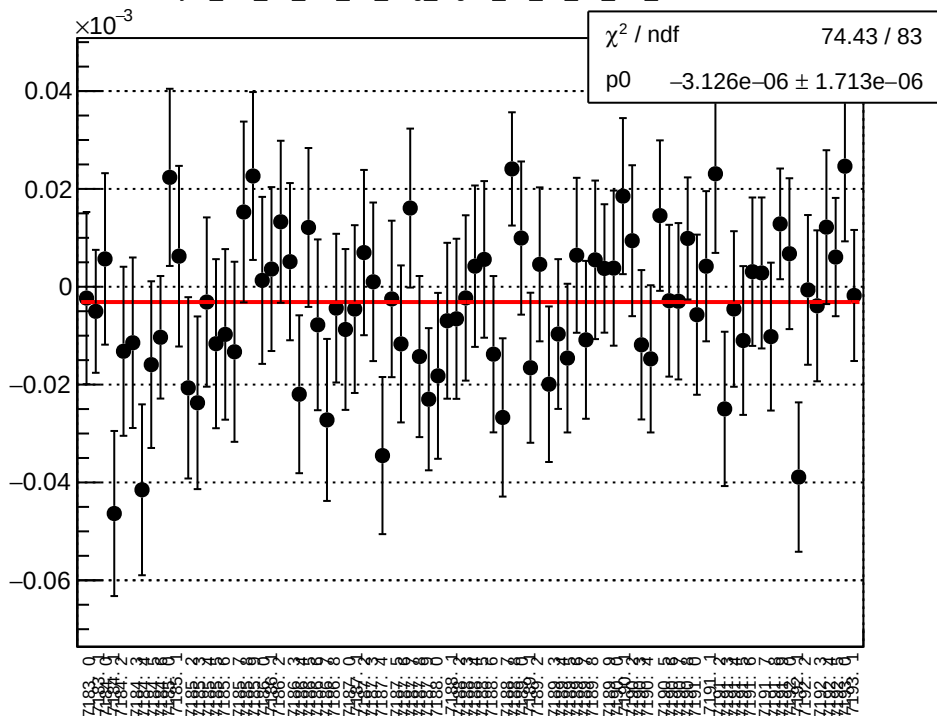
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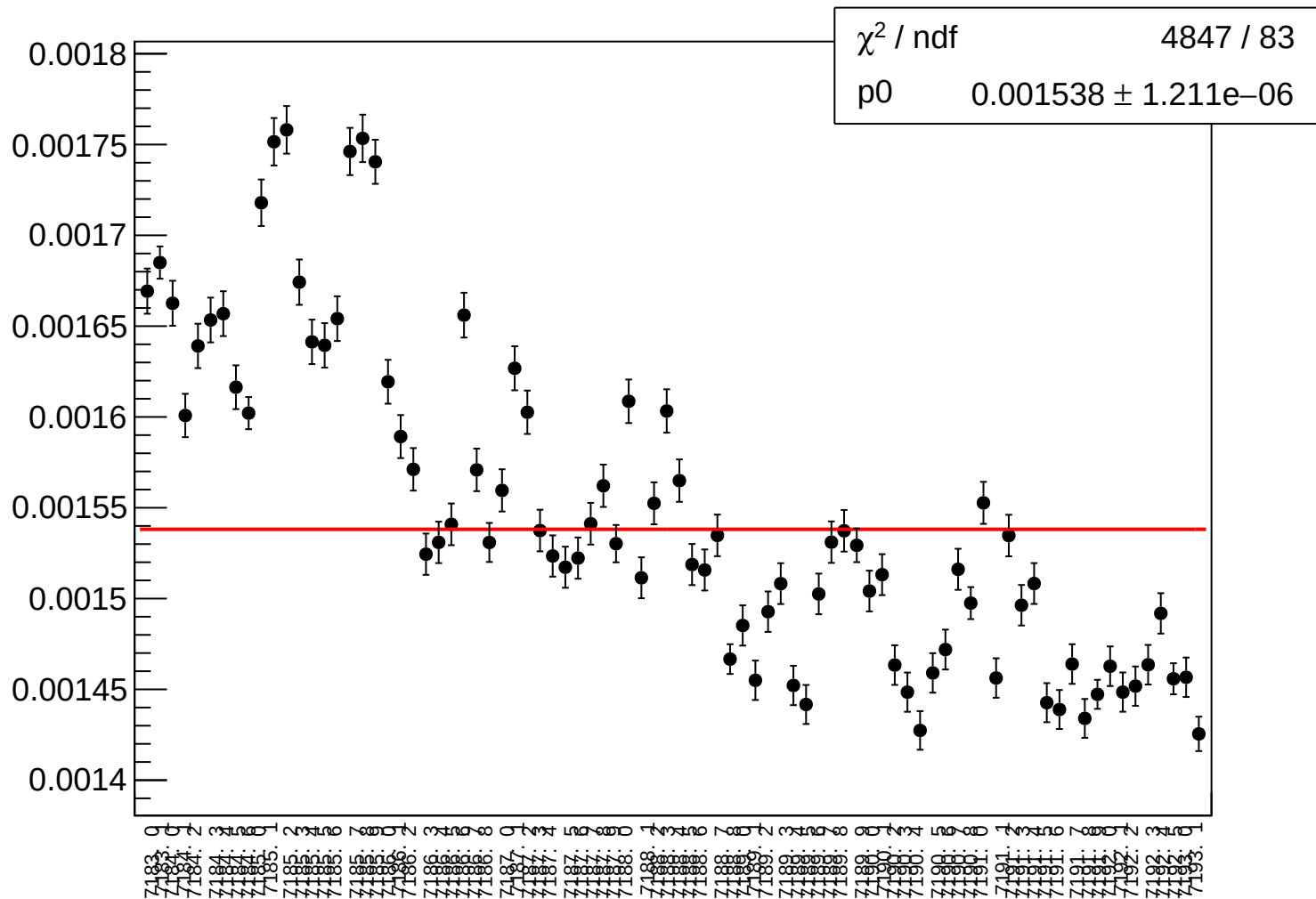
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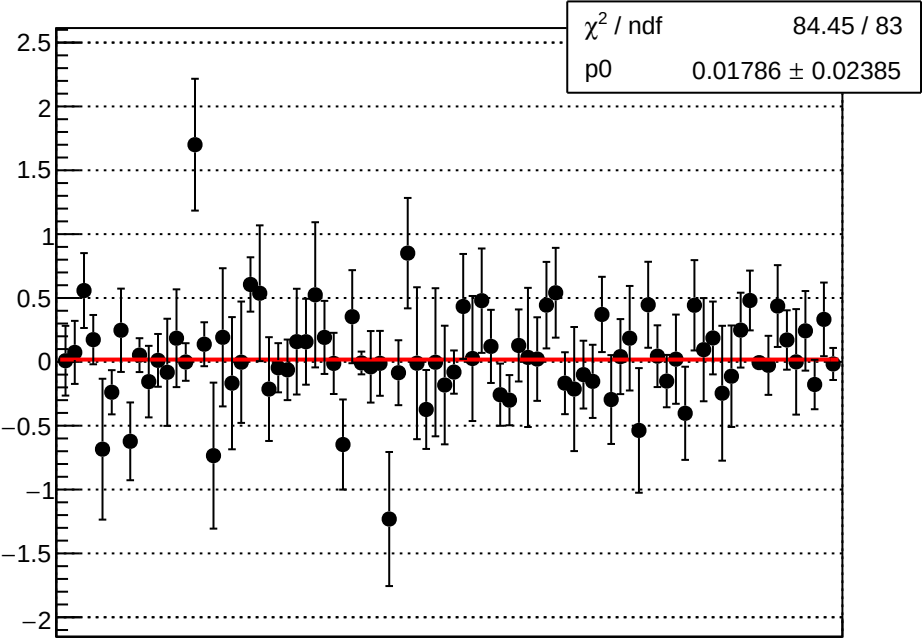
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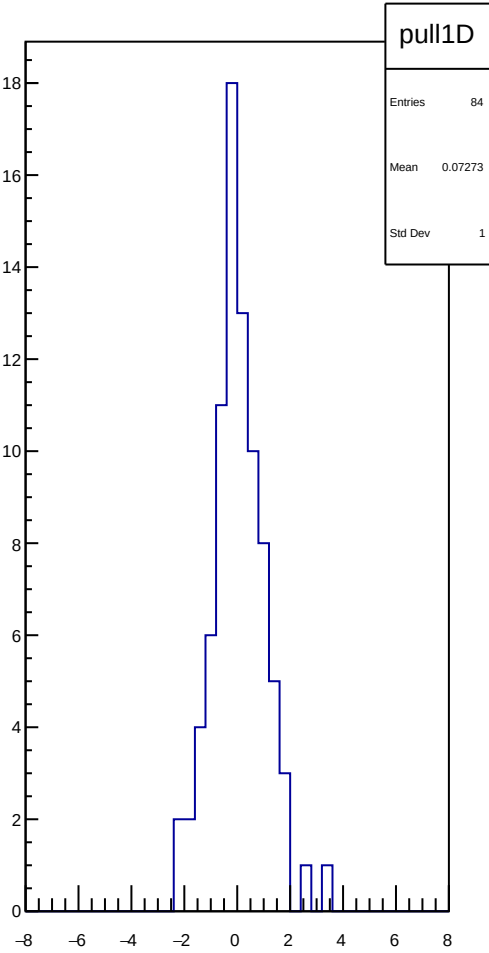
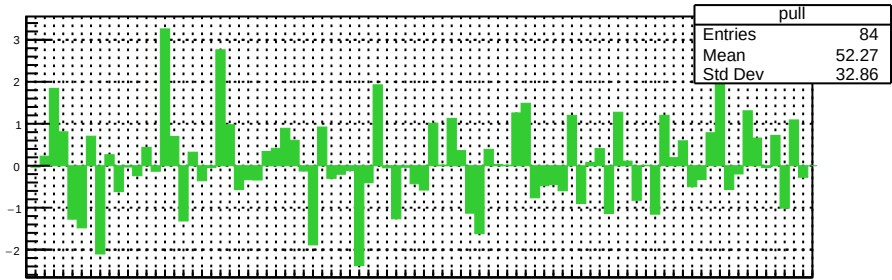
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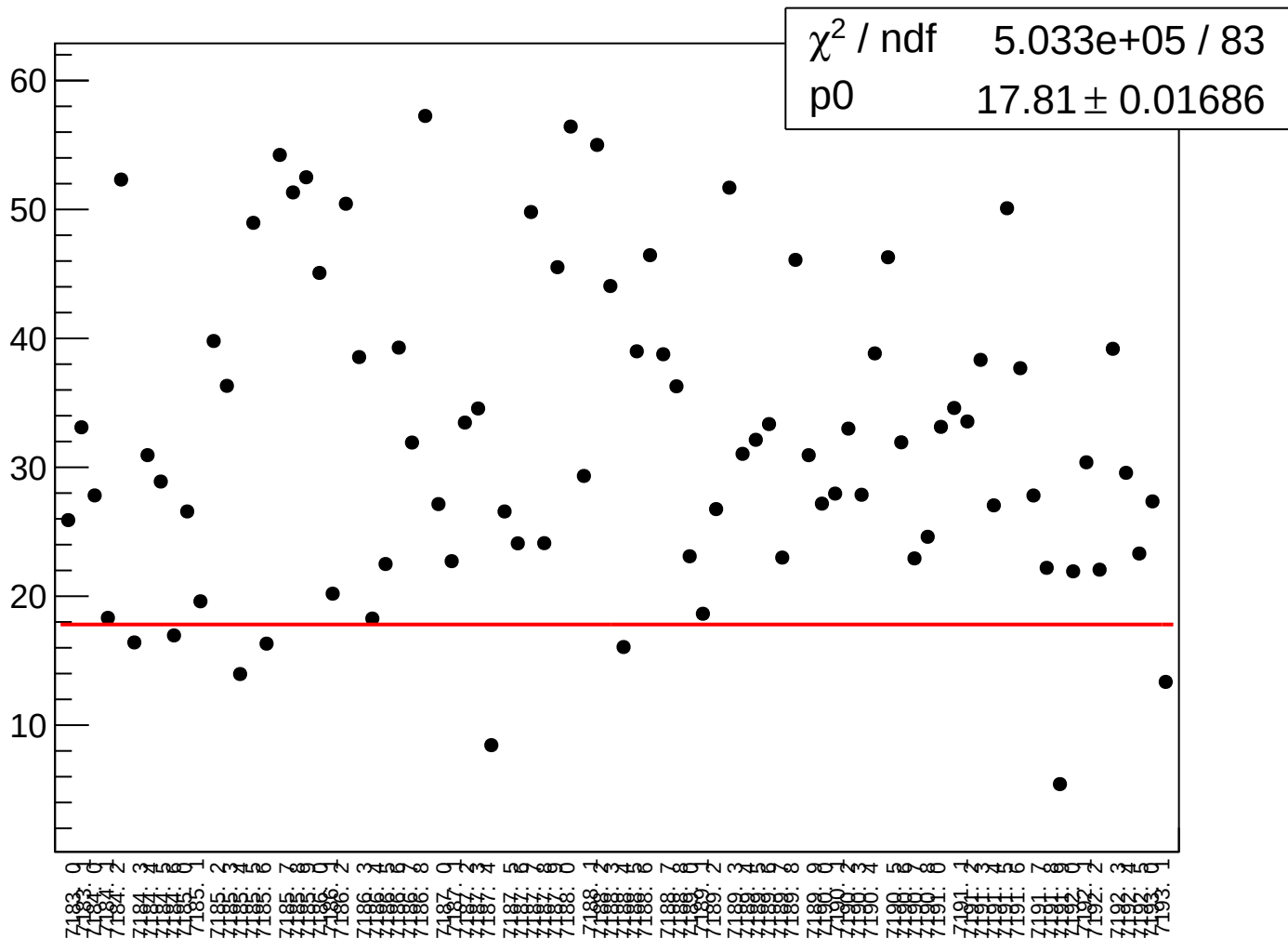
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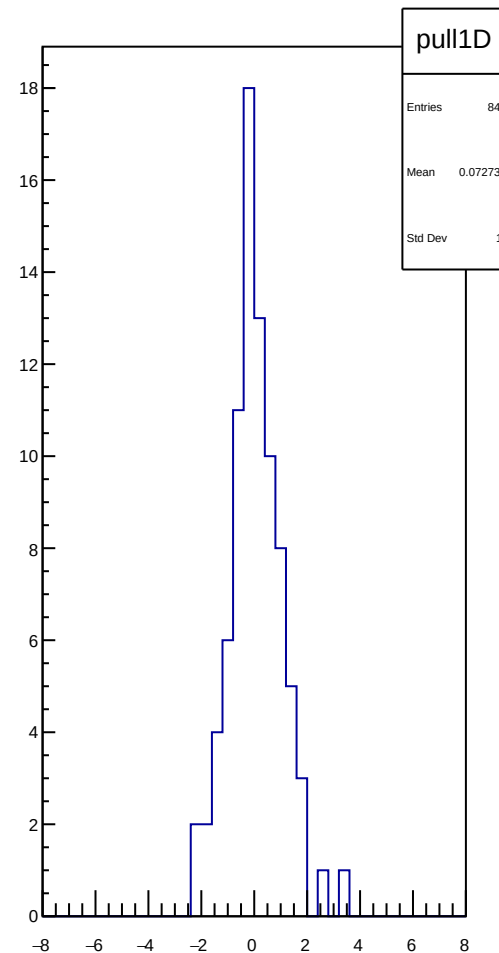
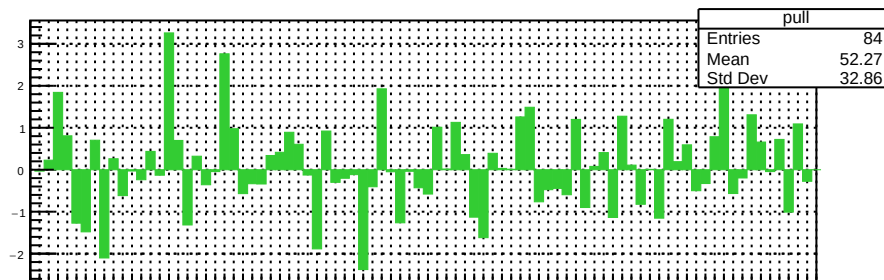
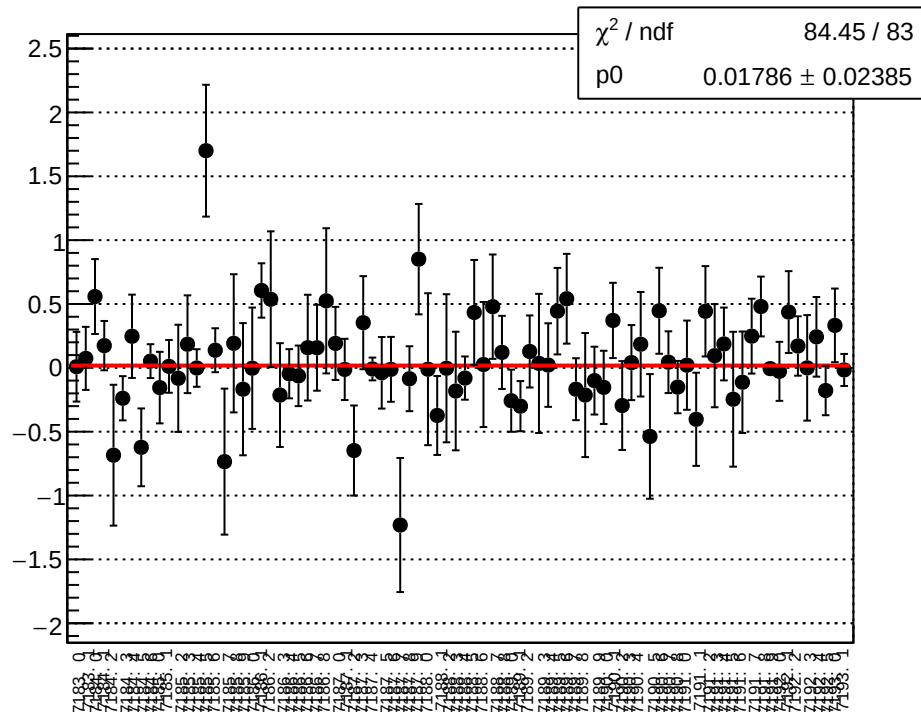
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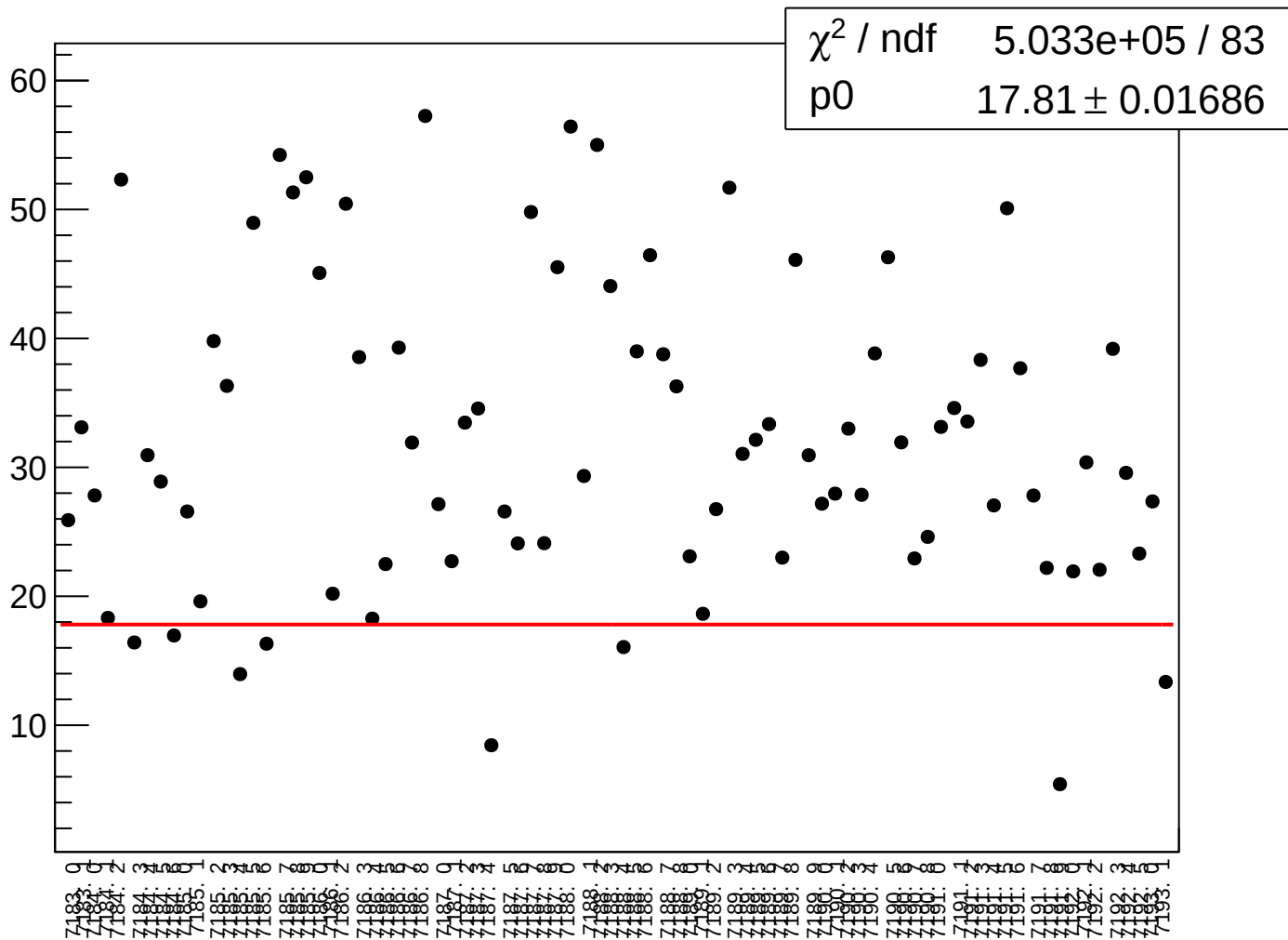
asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs run



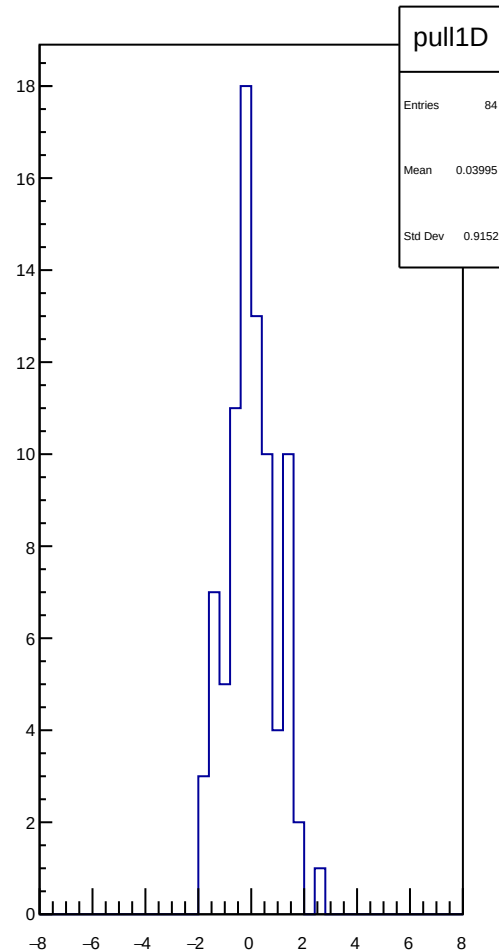
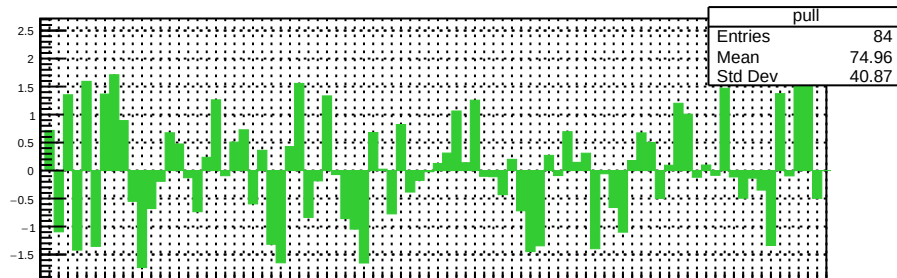
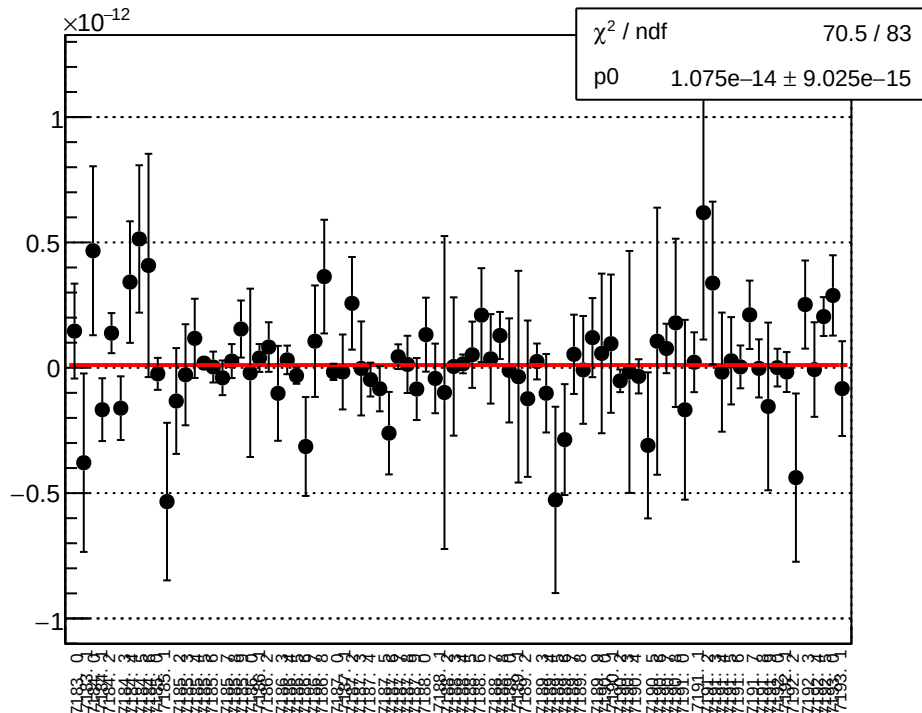
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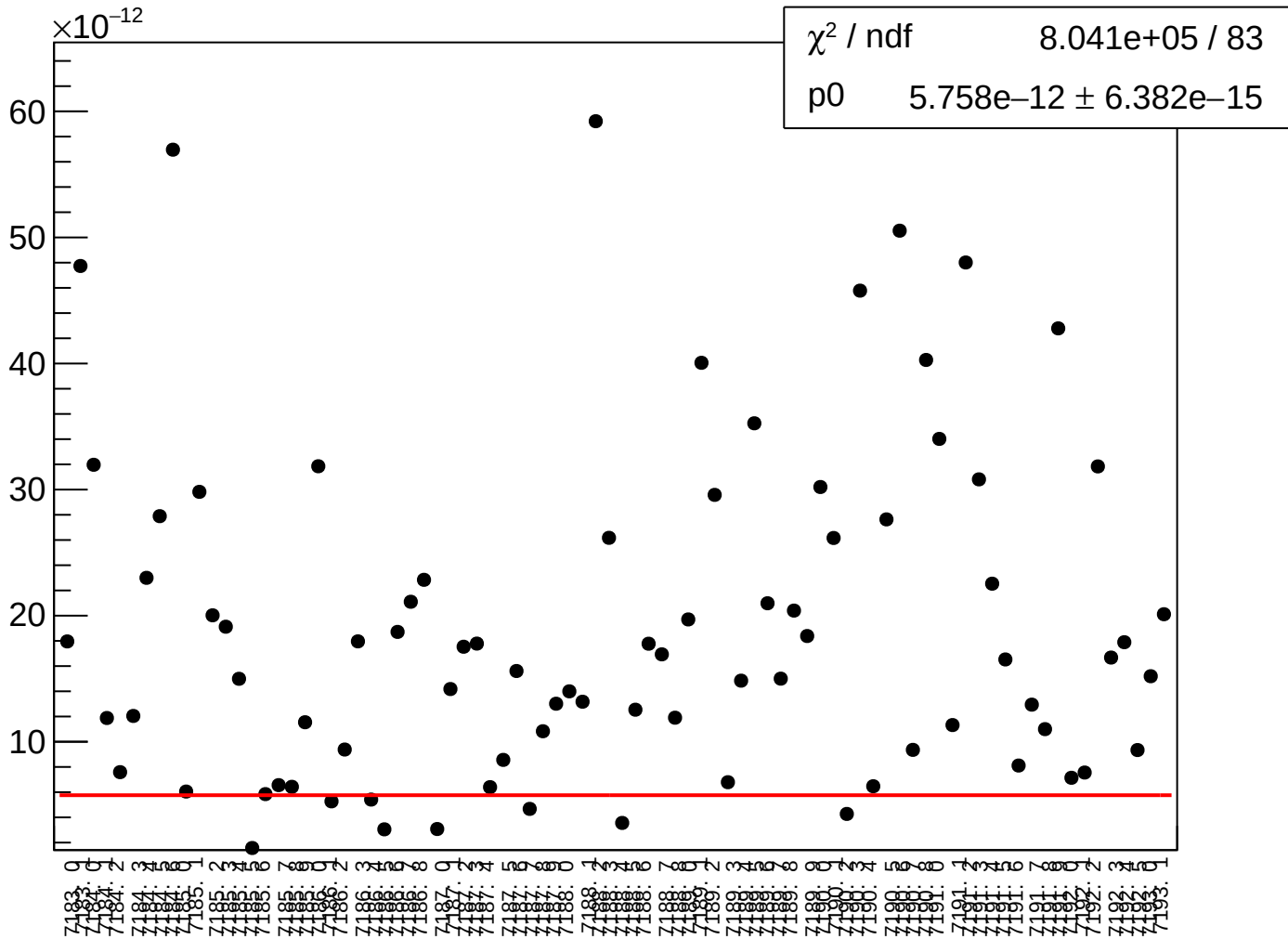
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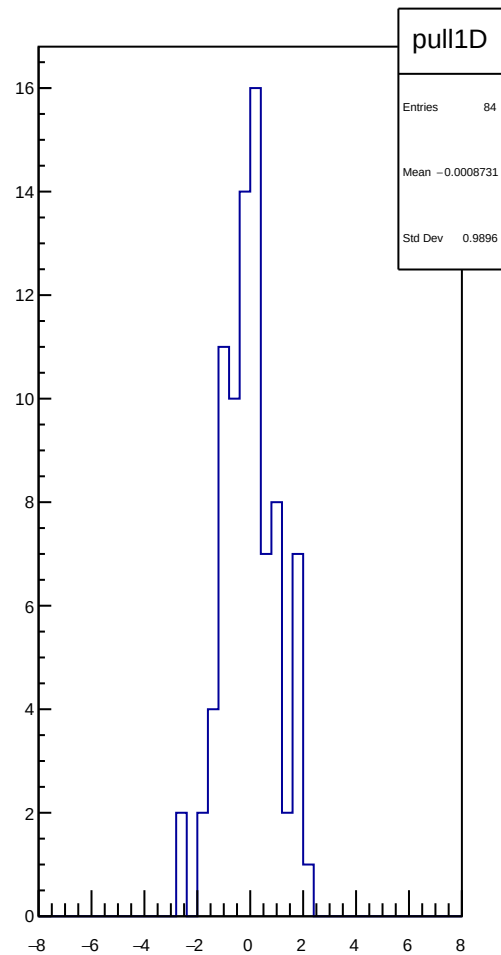
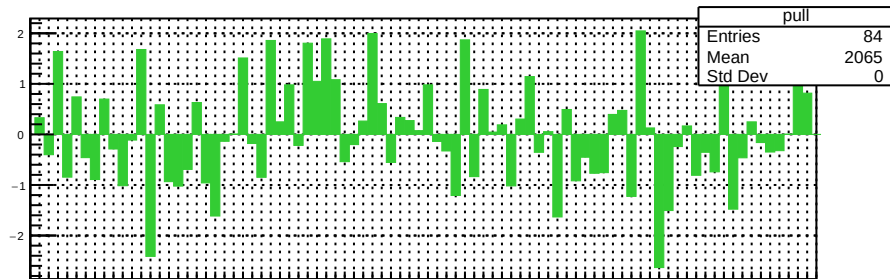
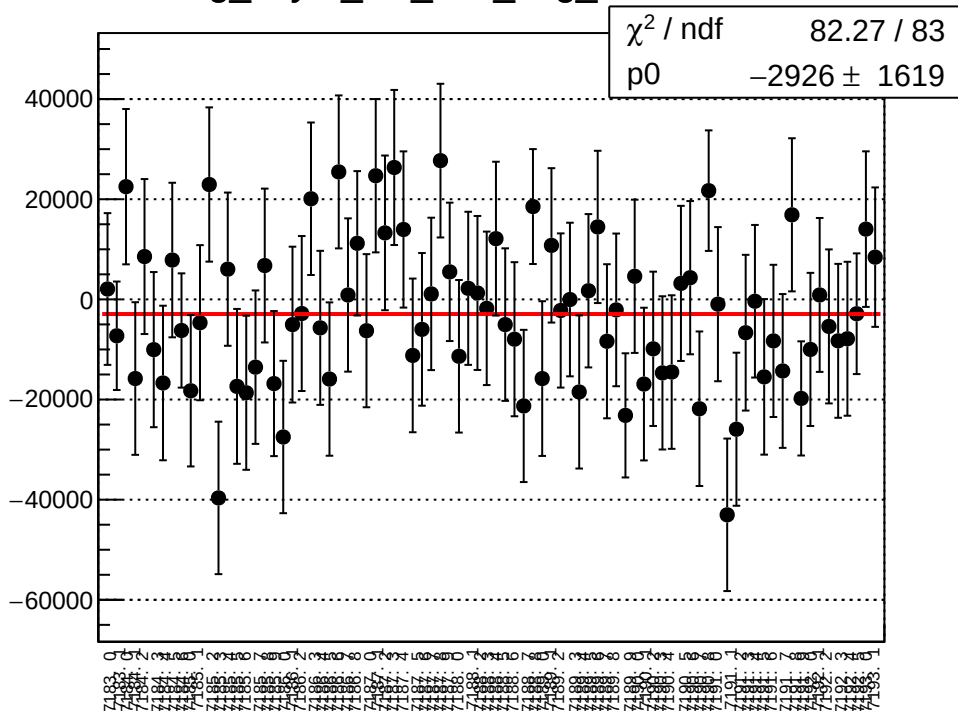
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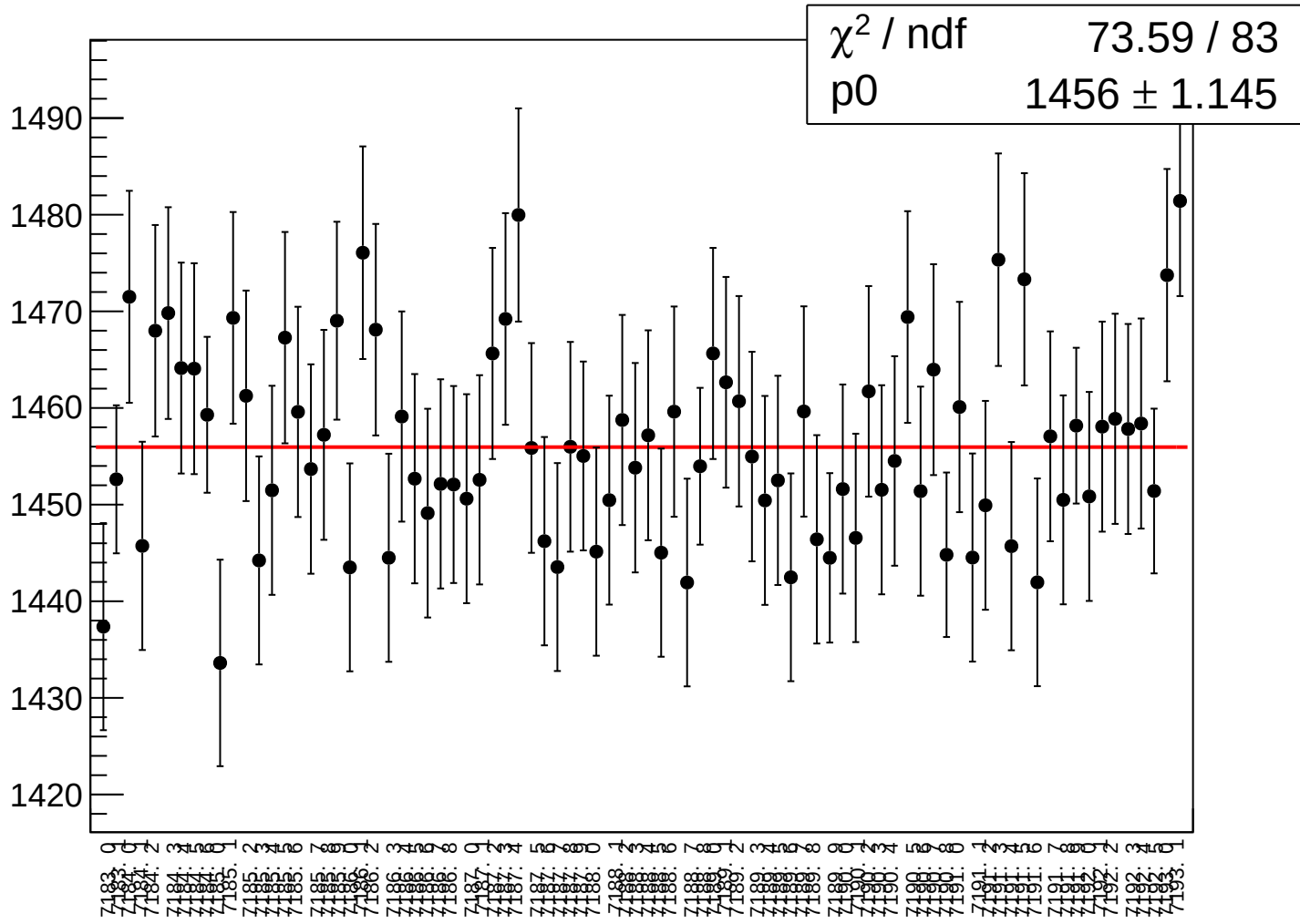
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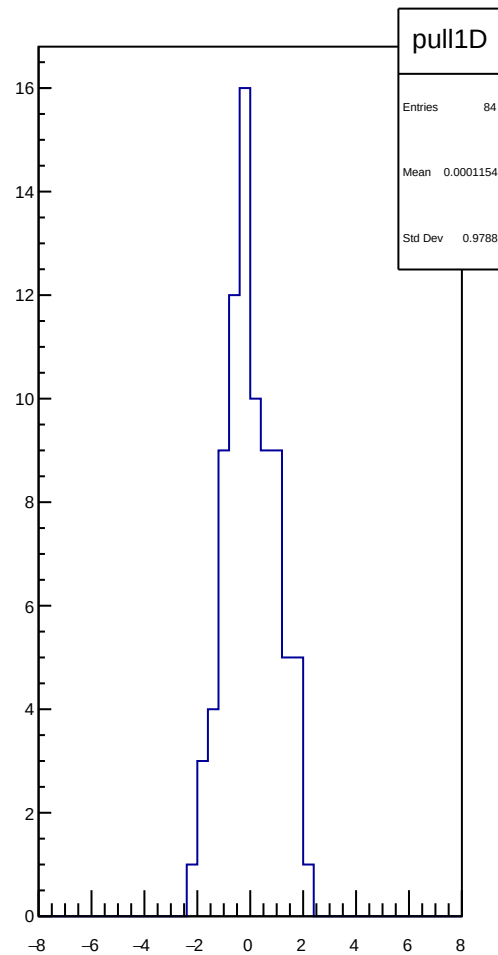
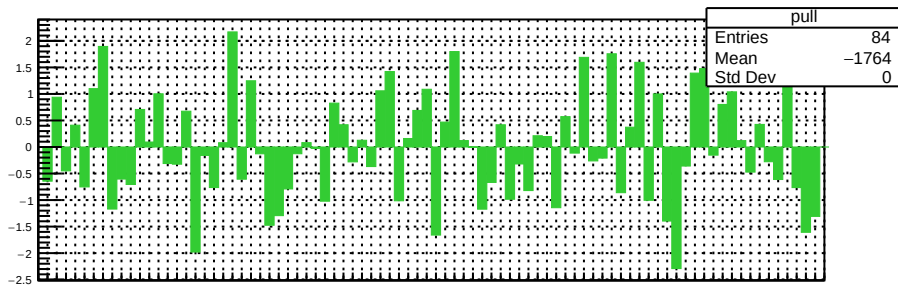
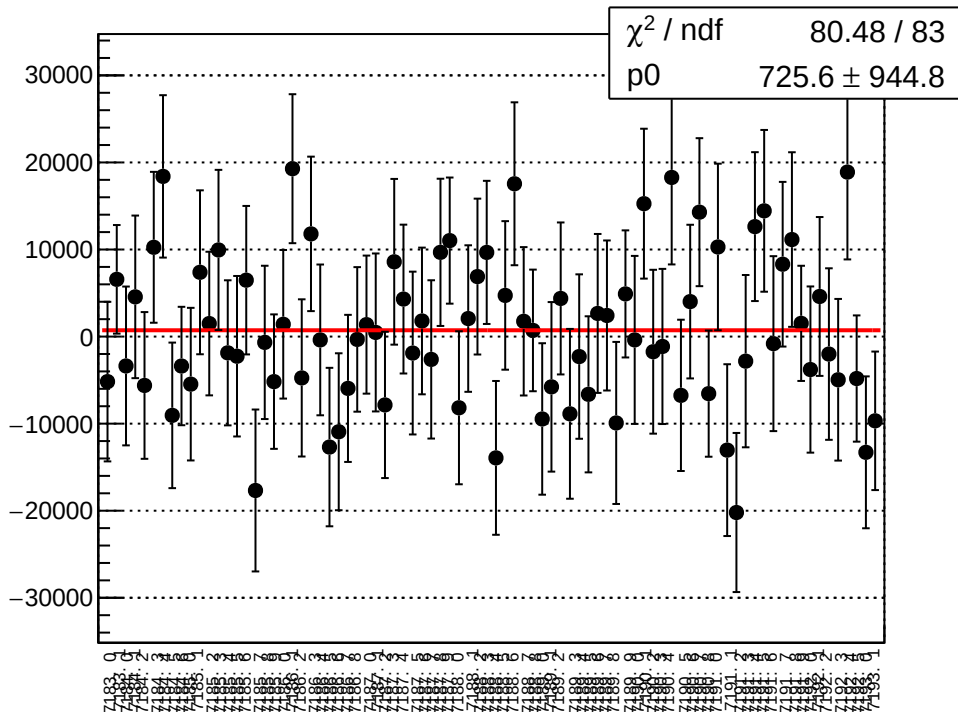
reg_asym_usl_atl1_avg_mean vs run



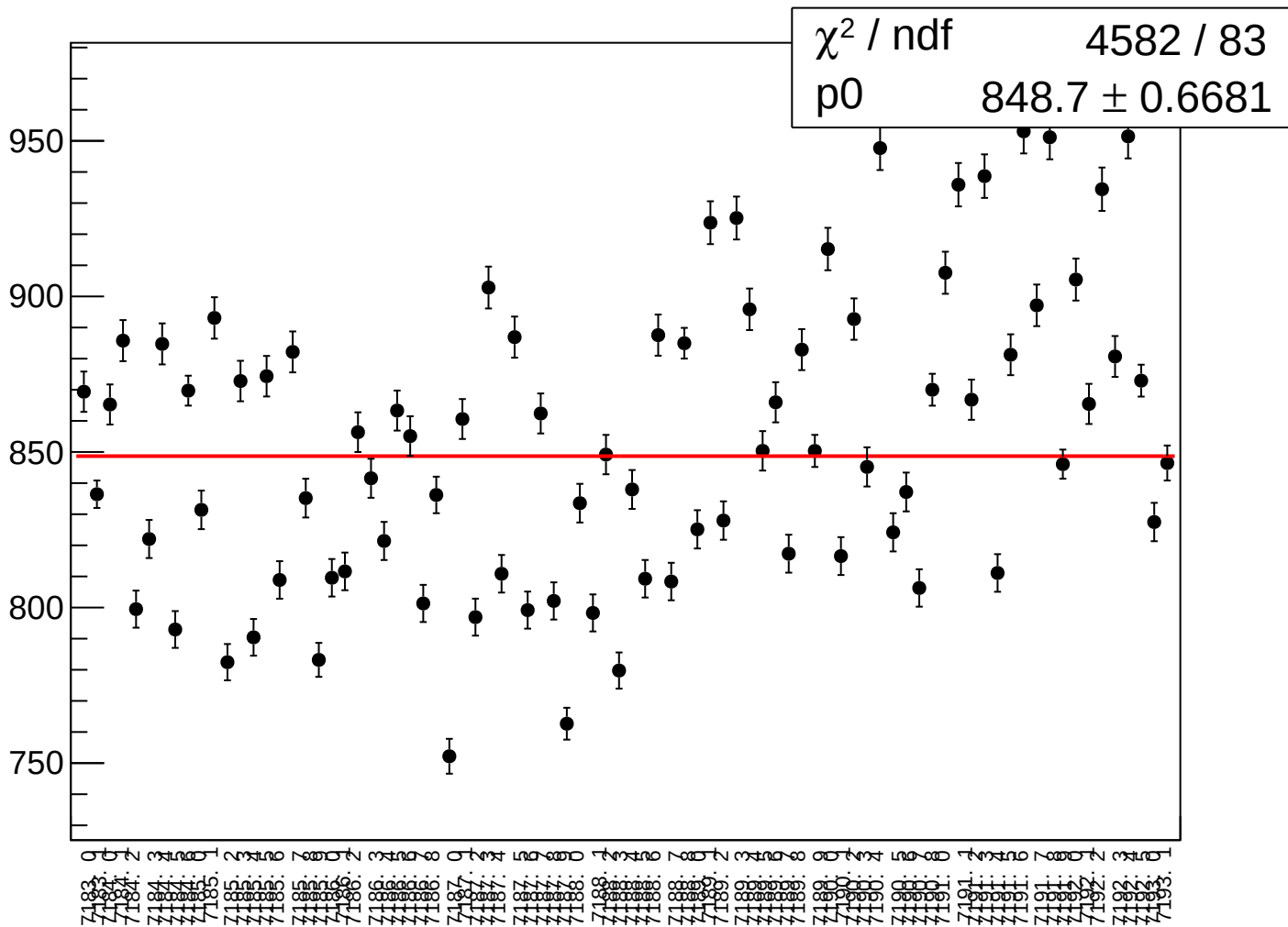
reg_asym_usl_atl1_avg_rms vs run



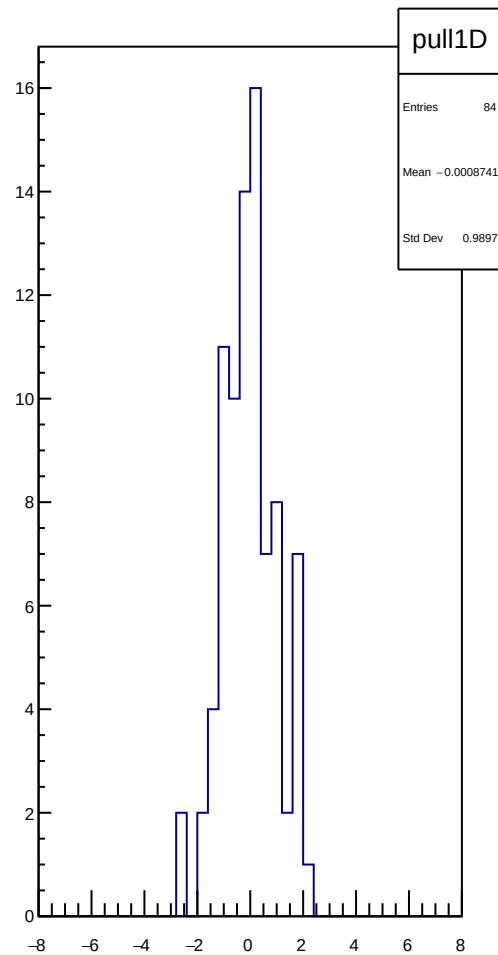
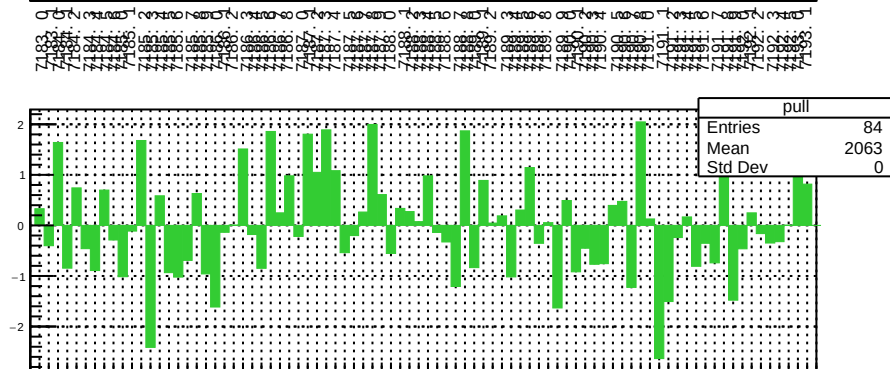
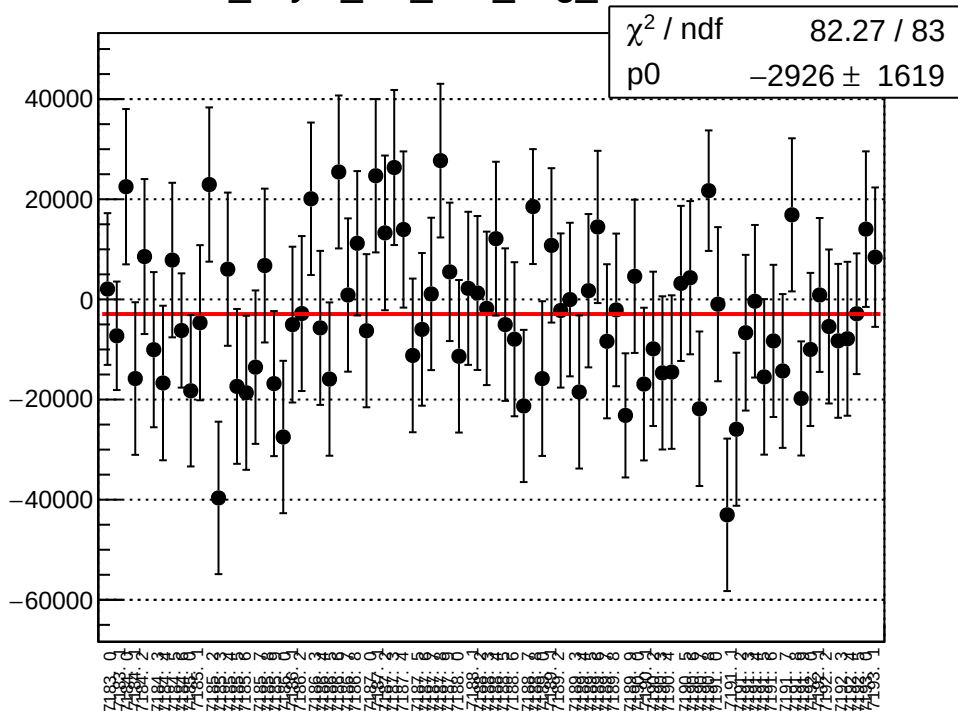
asym_usl_atl1_avg_reg_correction_mean vs run



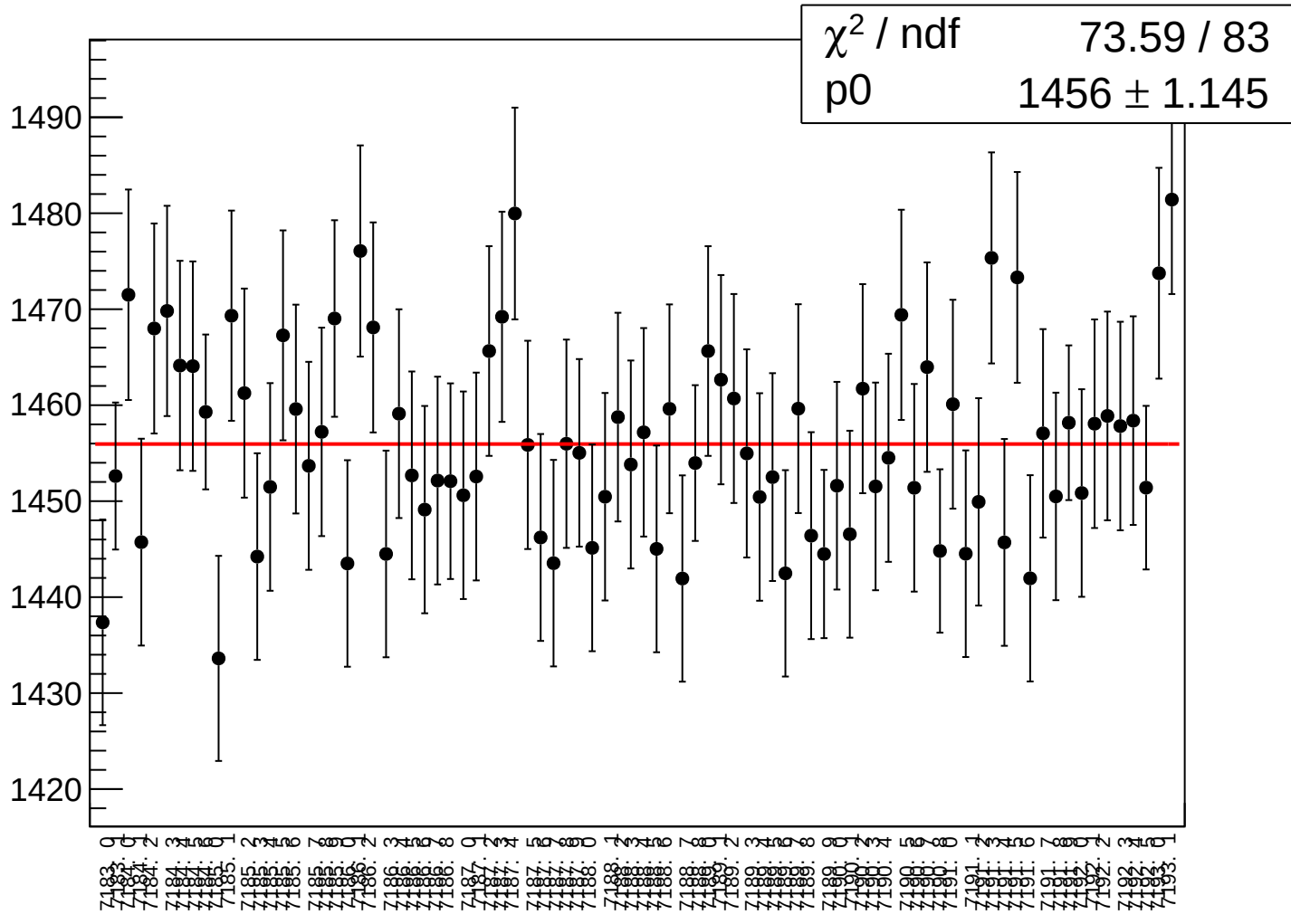
asym_usl_atl1_avg_reg_correction_rms vs run



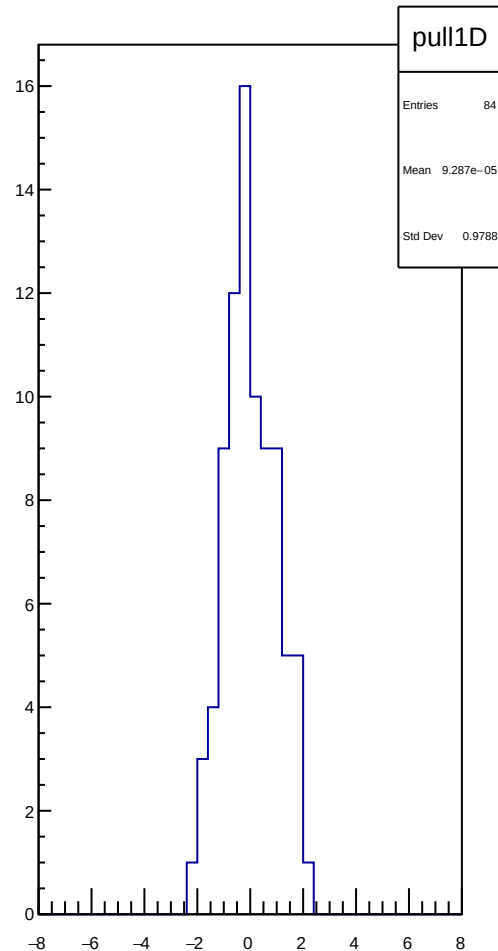
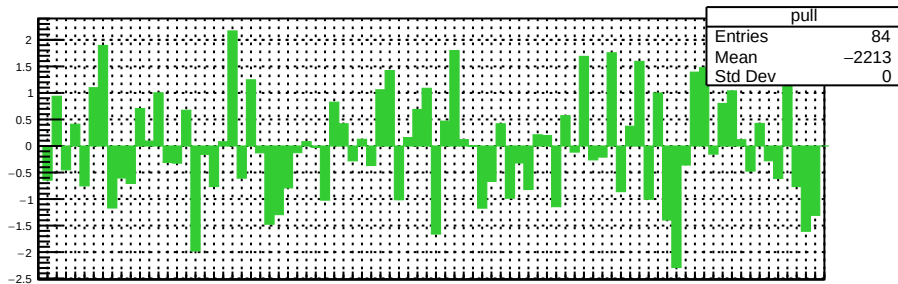
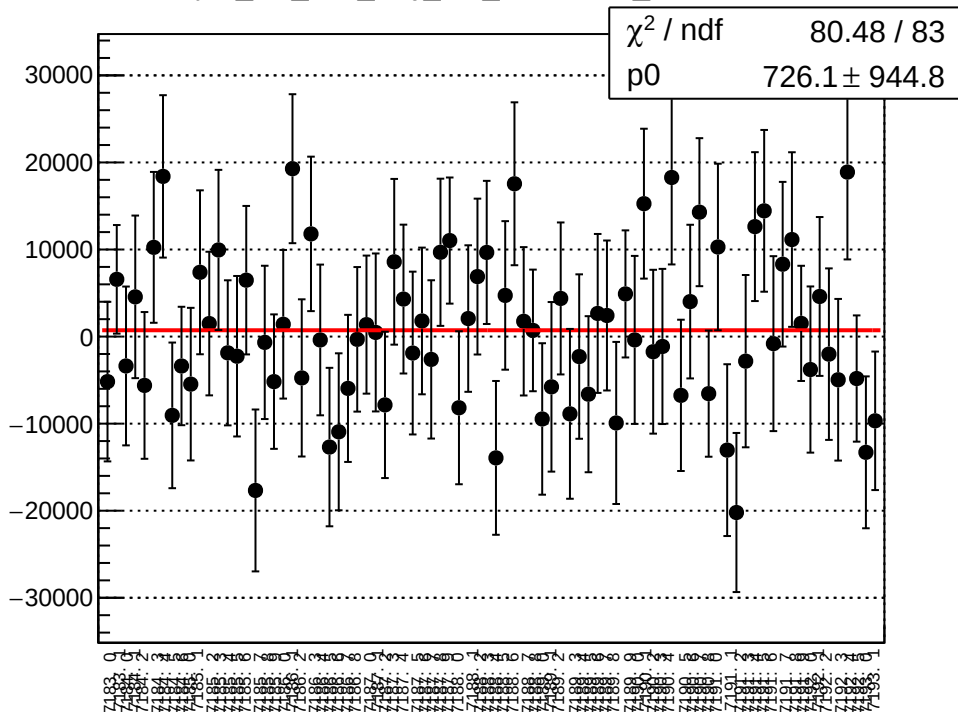
cor_asym_usl_atl1_avg_mean vs run



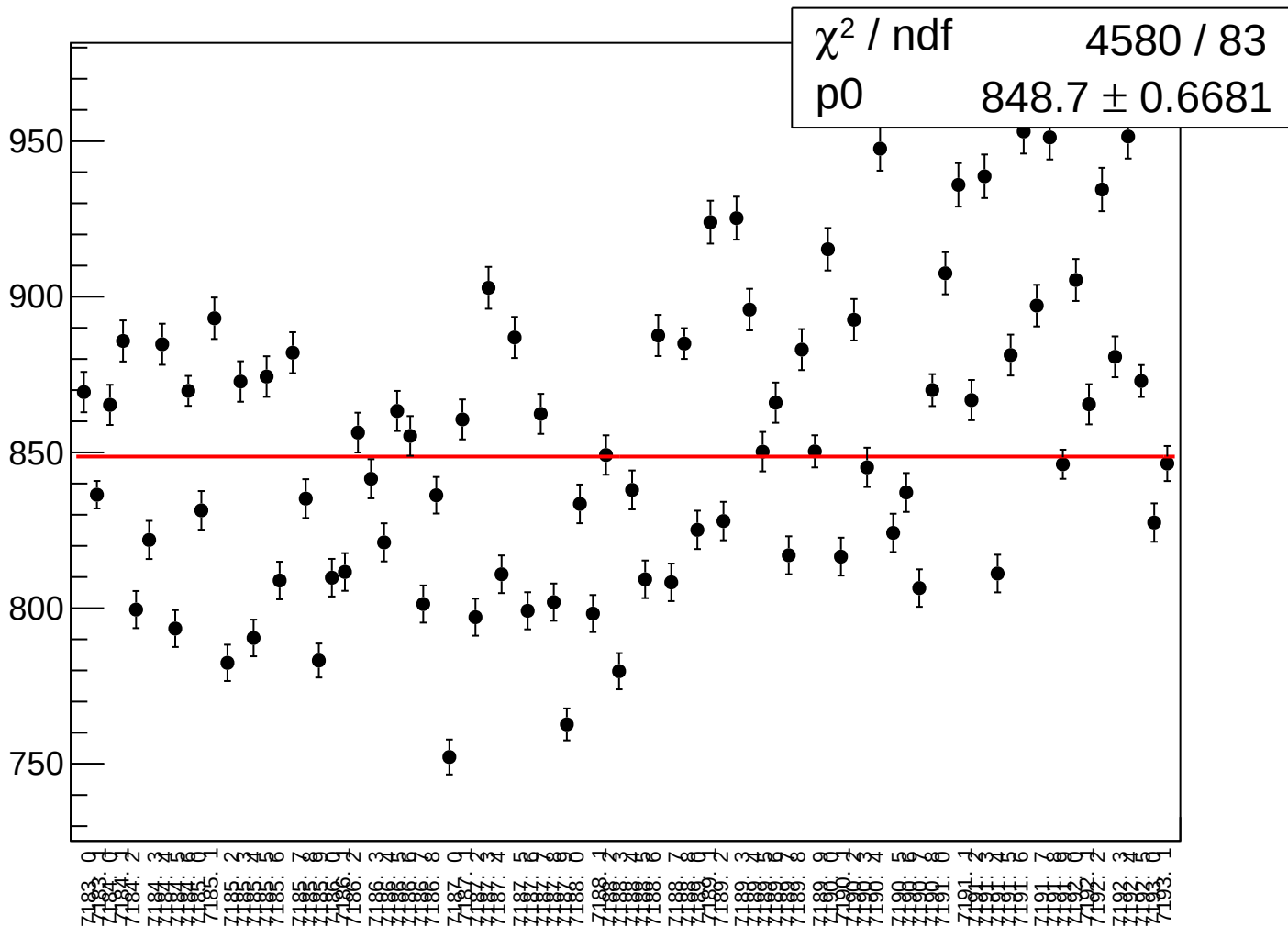
cor_asym_usl_atl1_avg_rms vs run



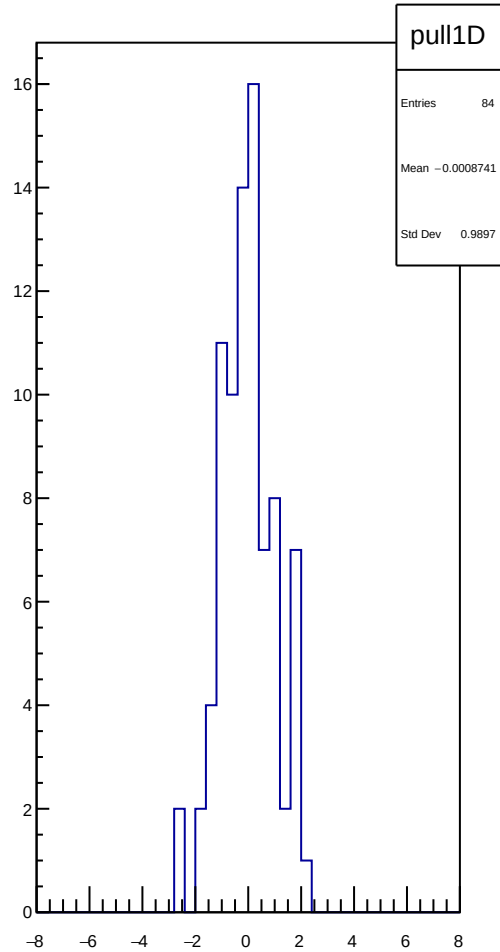
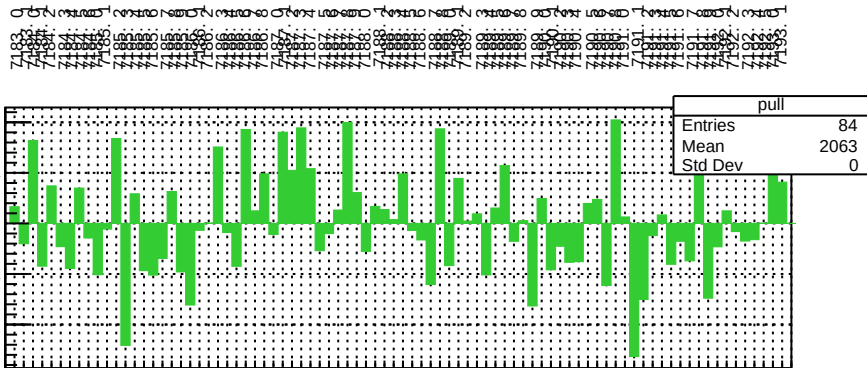
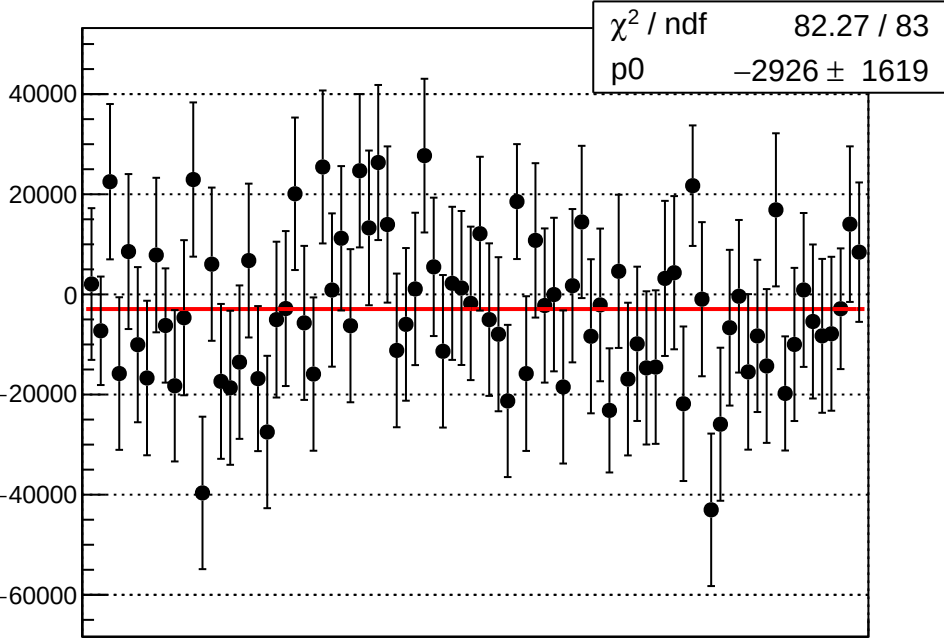
asym_usl_atl1_avg_cor_correction_mean vs run



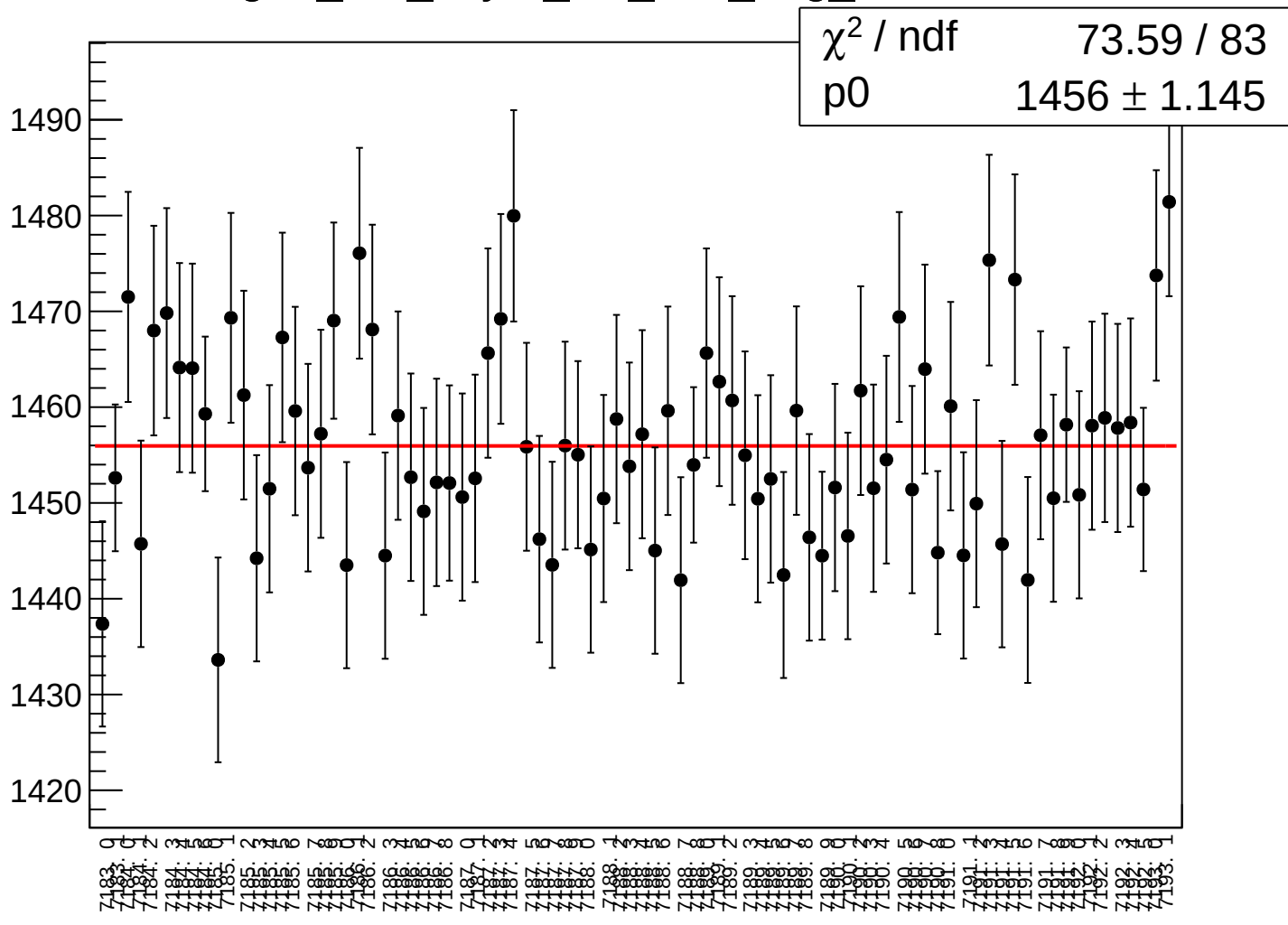
asym_usl_atl1_avg_cor_correction_rms vs run



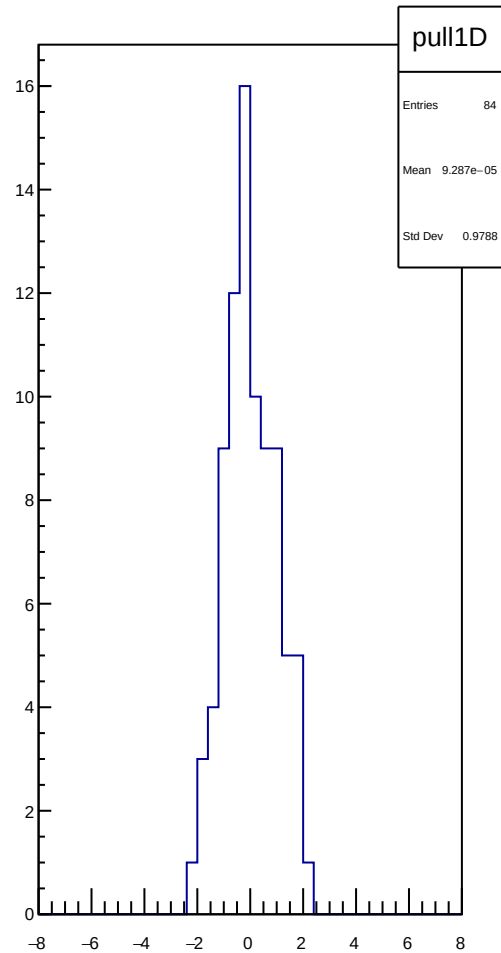
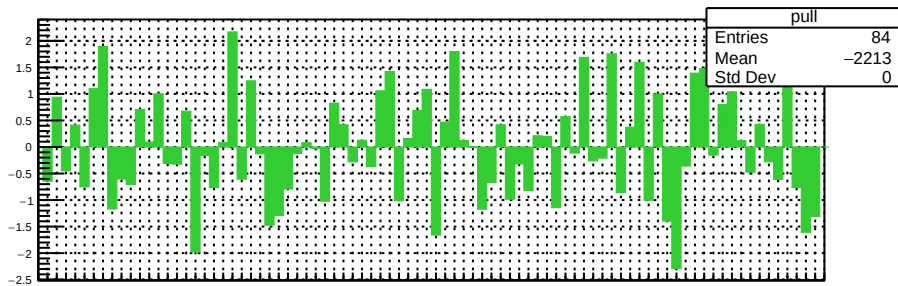
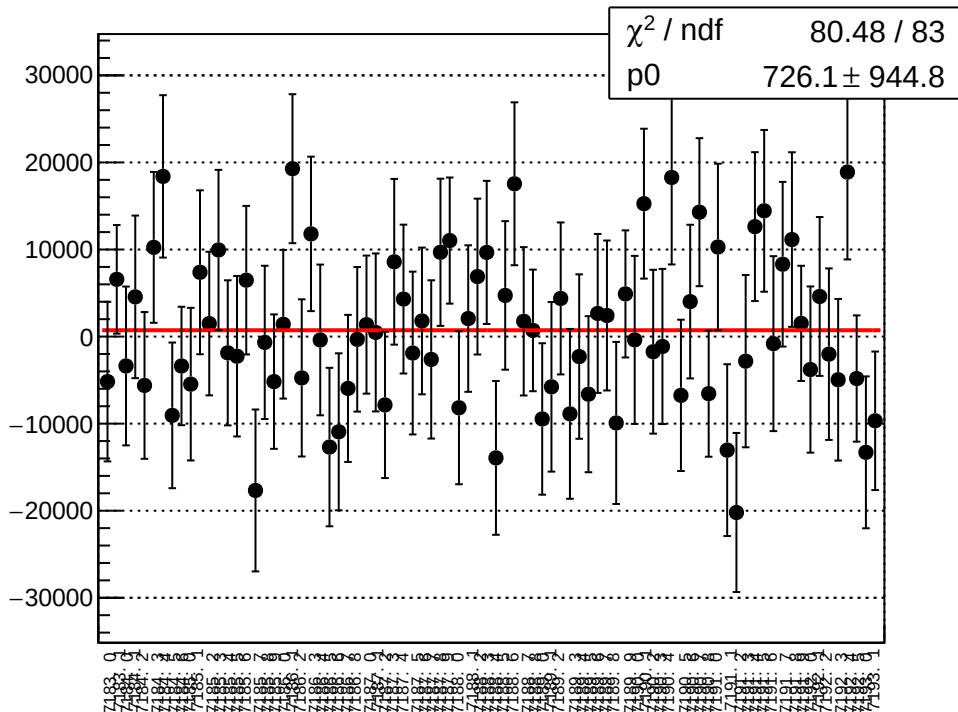
eigen_cor_asym_usl_atl1_avg_mean vs run



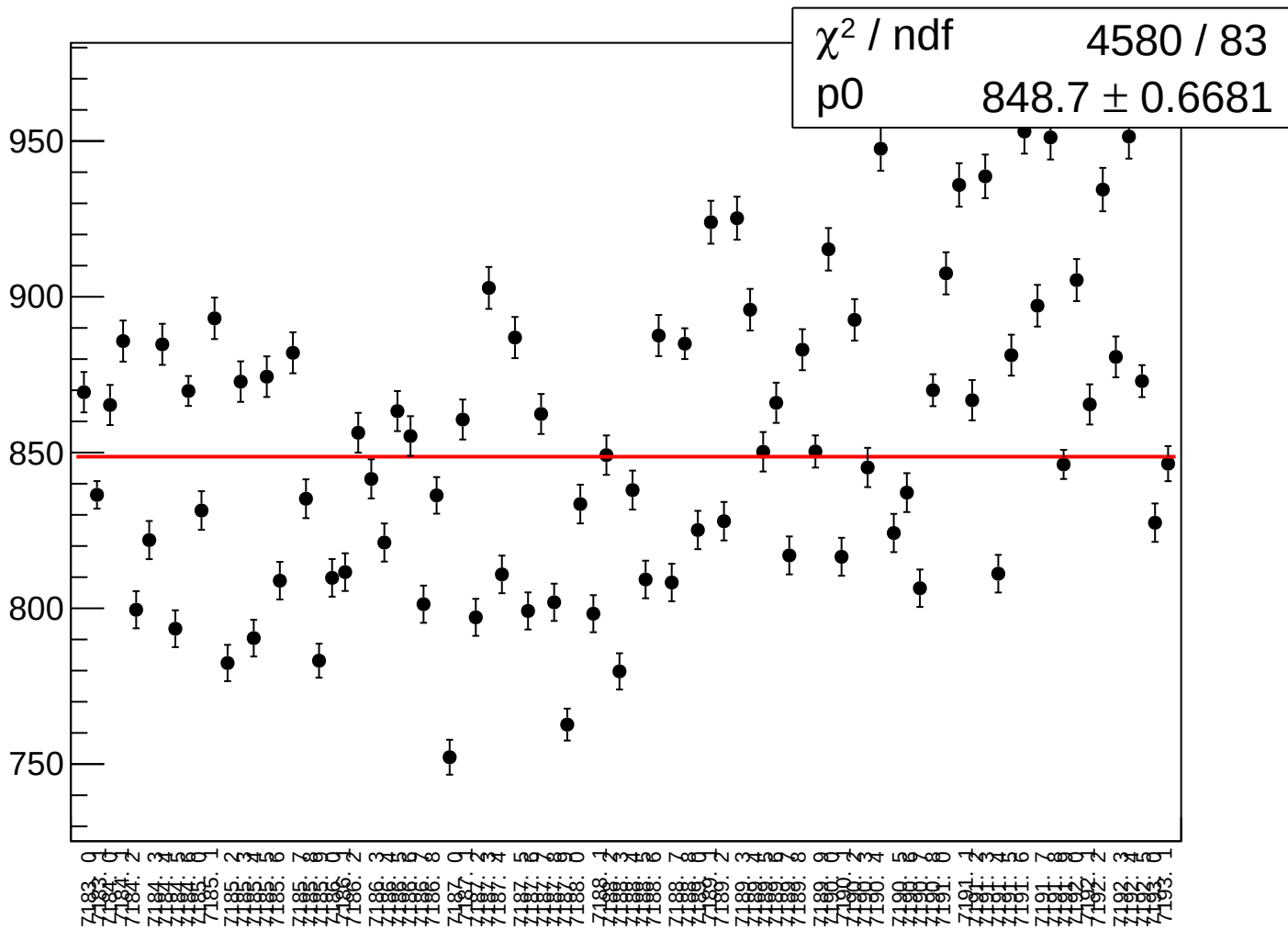
eigen_cor_asym_usl_atl1_avg_rms vs run



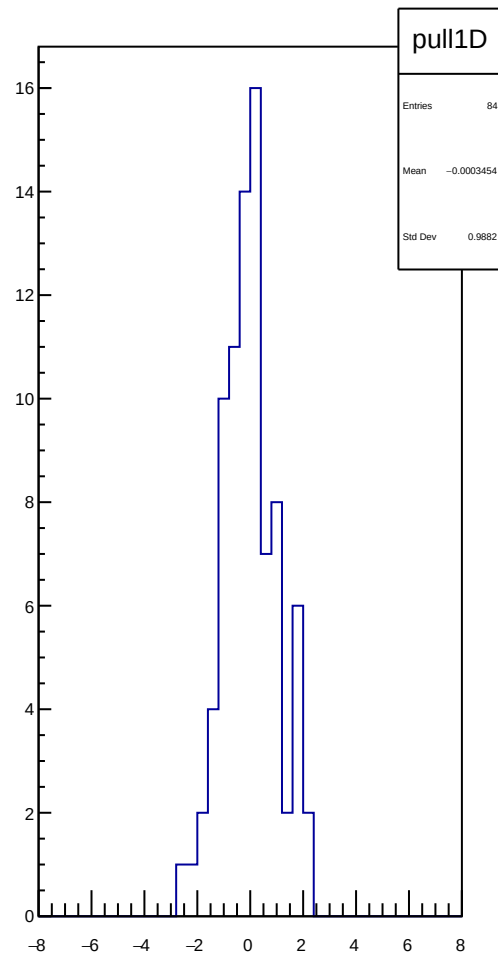
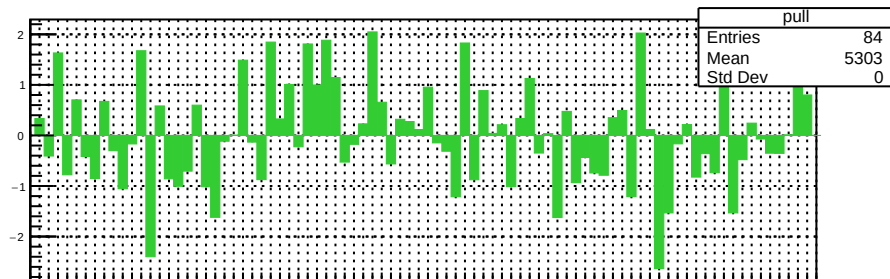
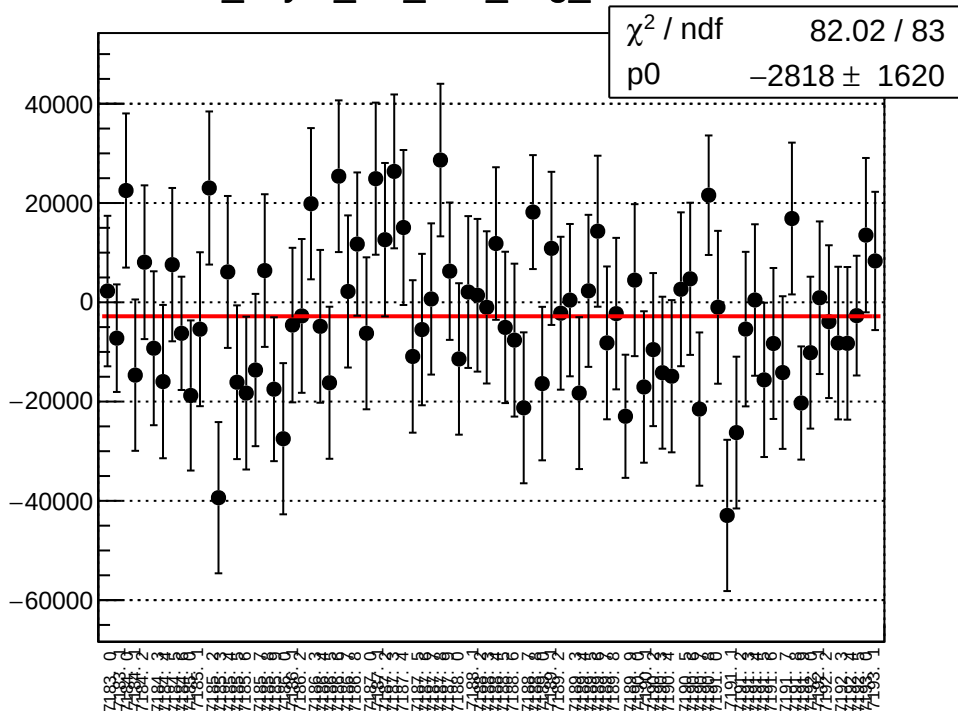
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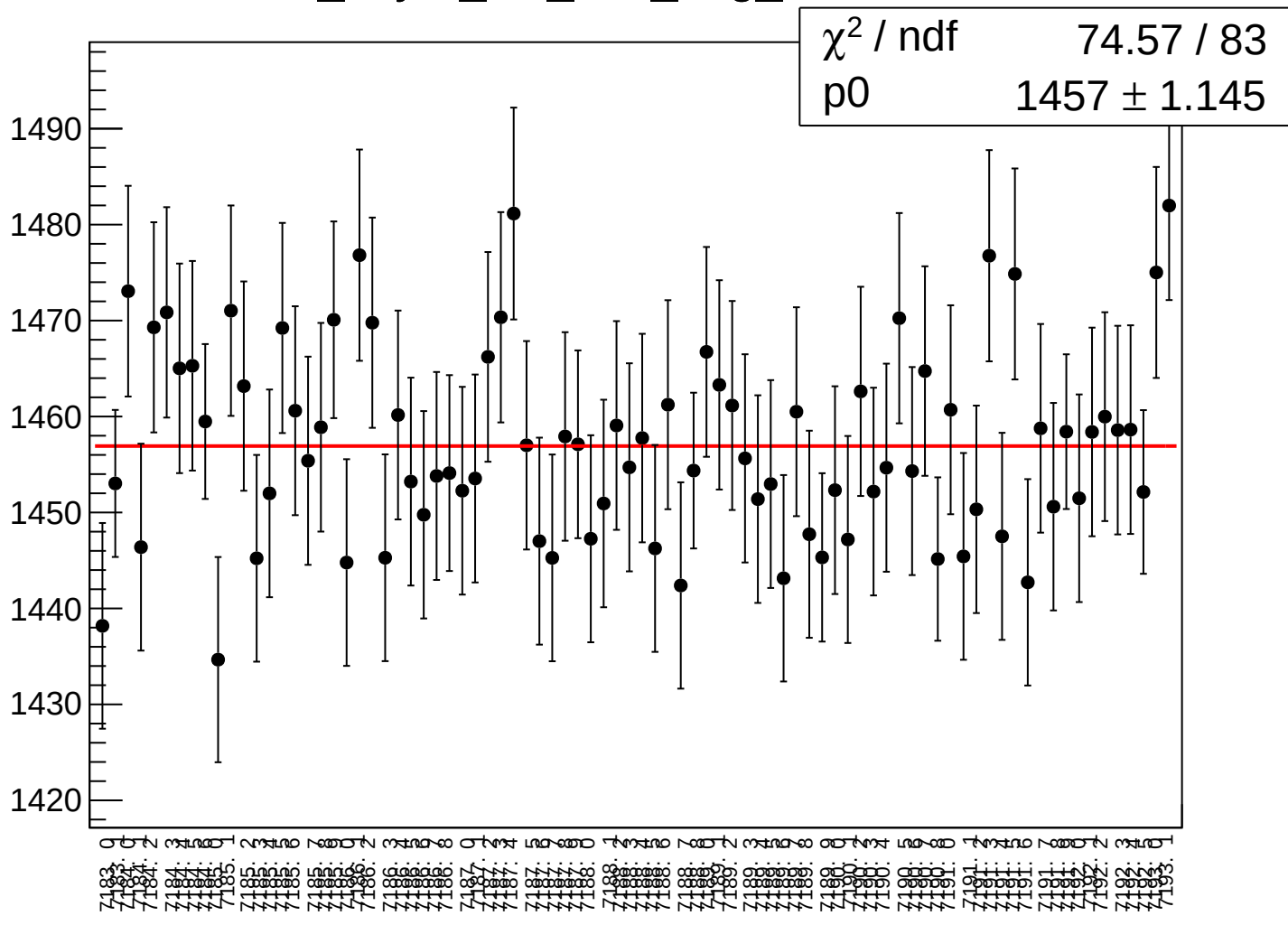
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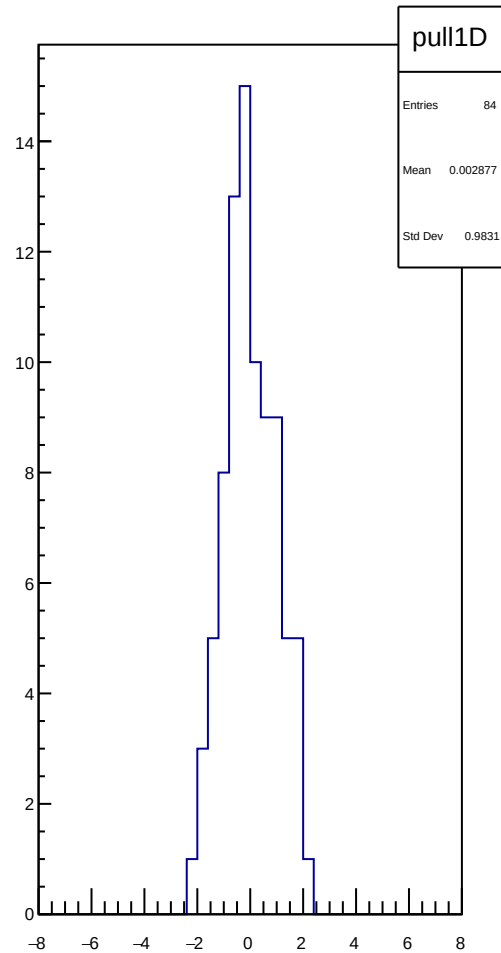
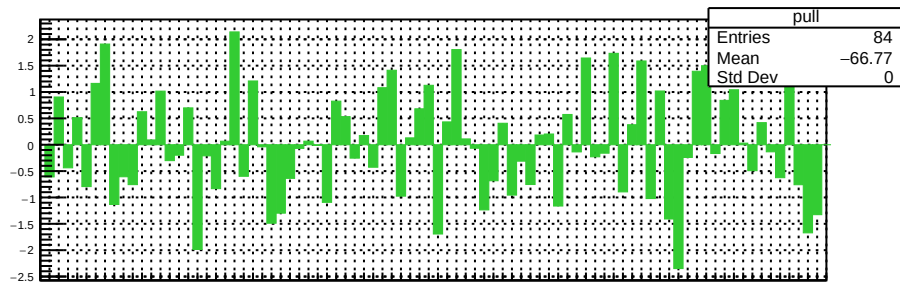
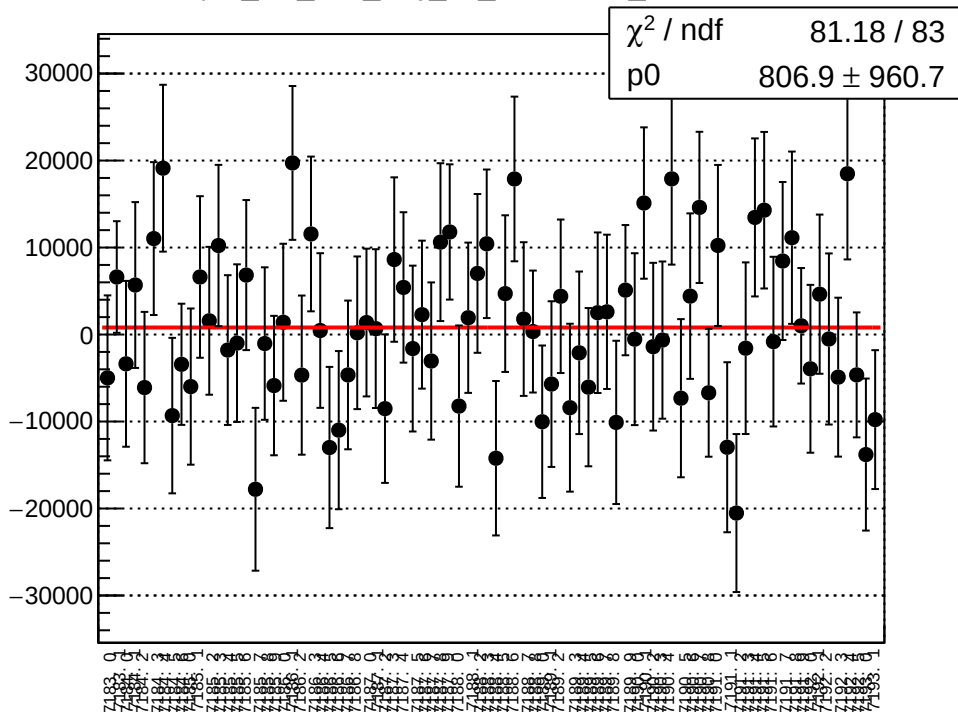
dit_asym_usl_atl1_avg_mean vs run



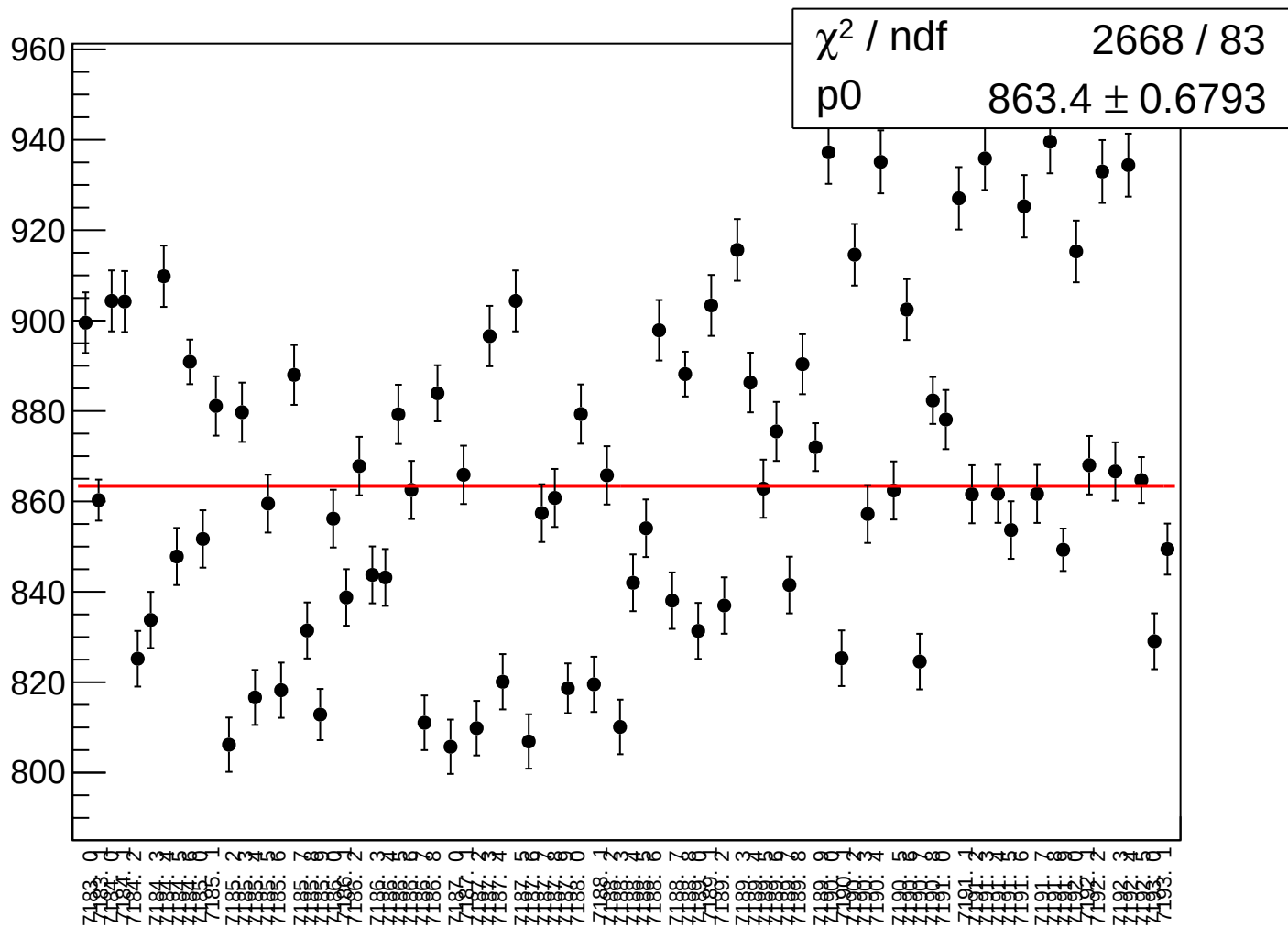
dit_asym_usl_atl1_avg_rms vs run



asym_usl_atl1_avg_dit_correction_mean vs run

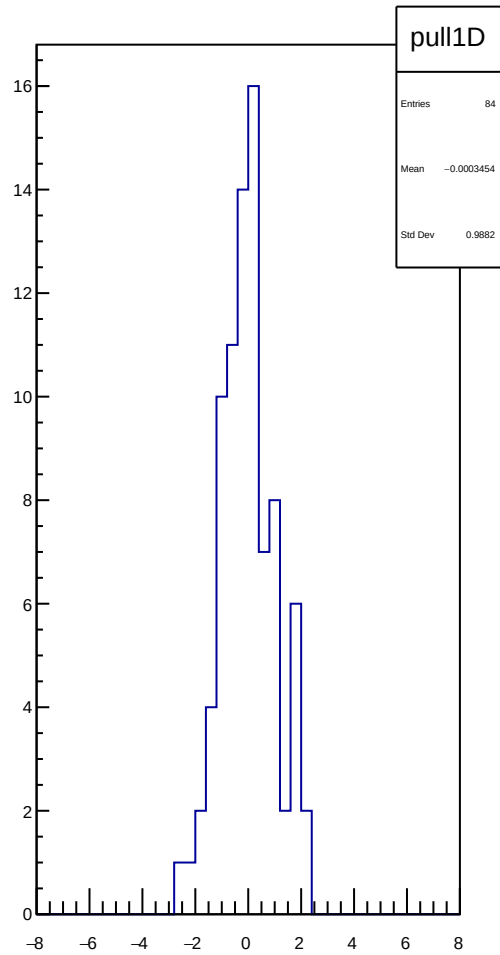


asym_usl_atl1_avg_dit_correction_rms vs run

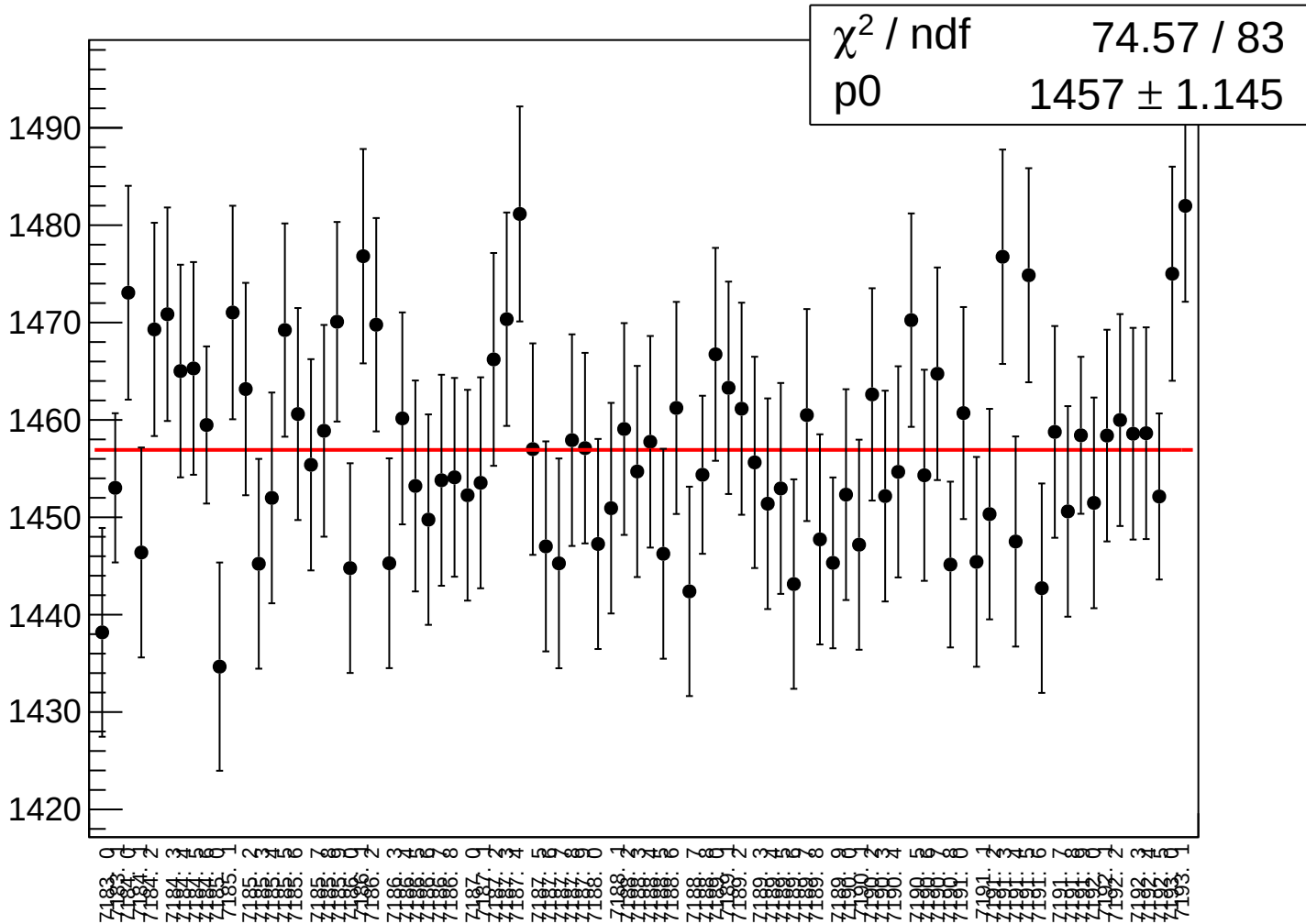


The plot shows the invariant mass spectrum for the decay $B^0 \rightarrow \pi^0 \pi^+ \pi^-$. The x-axis represents the invariant mass in GeV/c^2 , ranging from 0.4 to 1.2. The y-axis represents the event count, ranging from 0 to 100. The data points are shown as black circles with vertical error bars. A solid red line indicates the total fit, which is a sum of several components: a signal peak (dotted red line), a B^0 background (dashed red line), a π^0 background (dotted black line), and a comb background (dashed black line). The fit parameters are displayed in the top right corner:

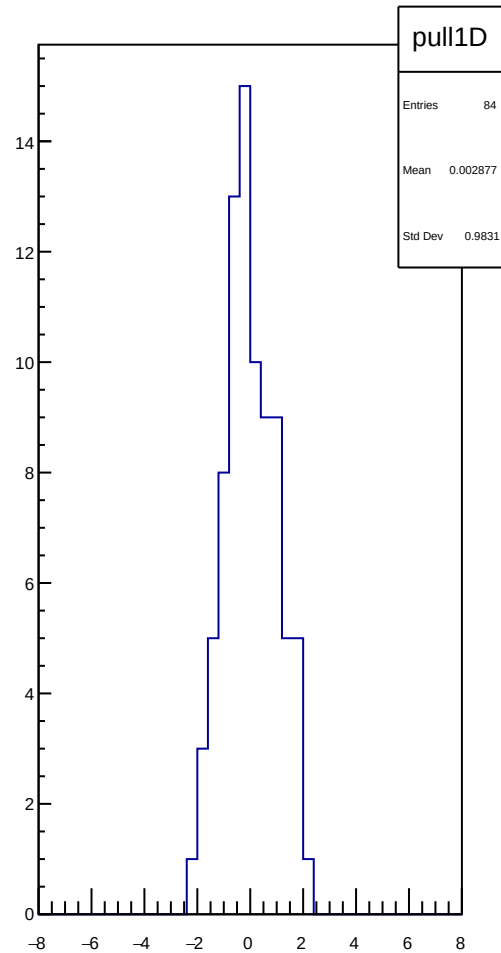
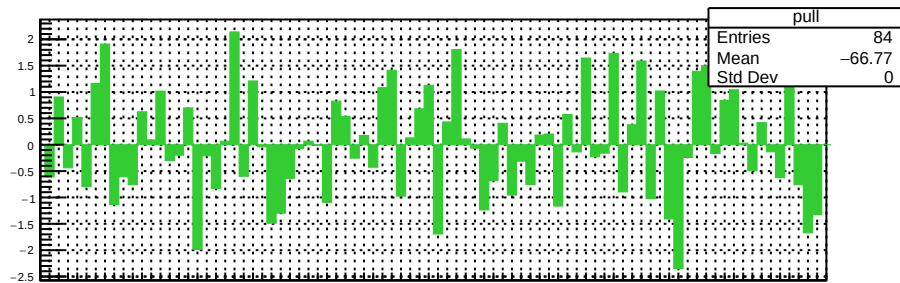
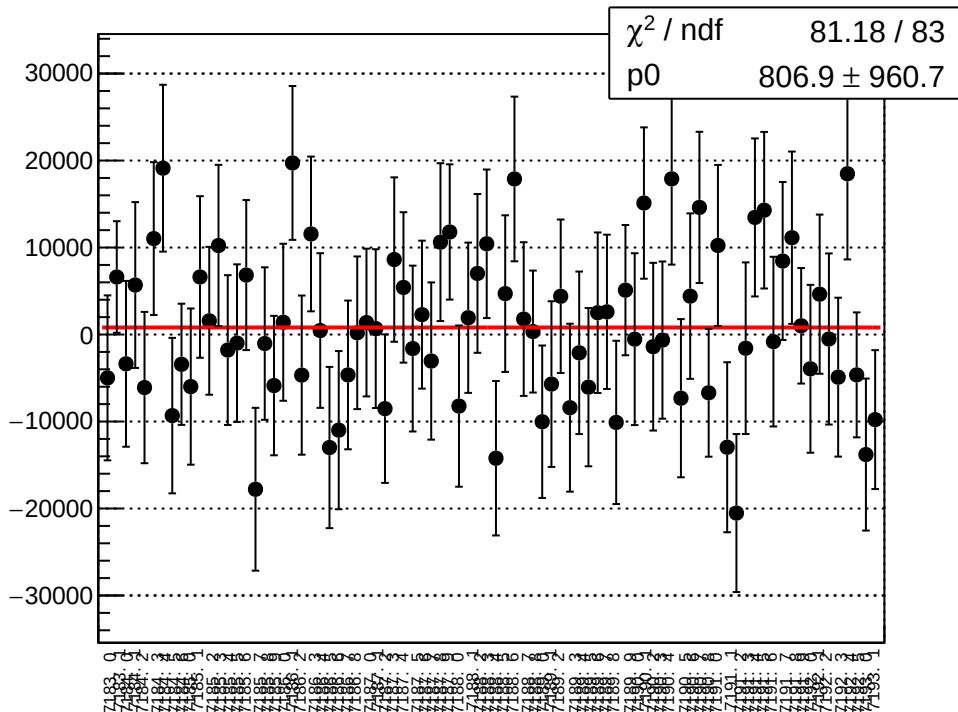
χ^2 / ndf	82.02 / 83
p_0	-2818 ± 1620



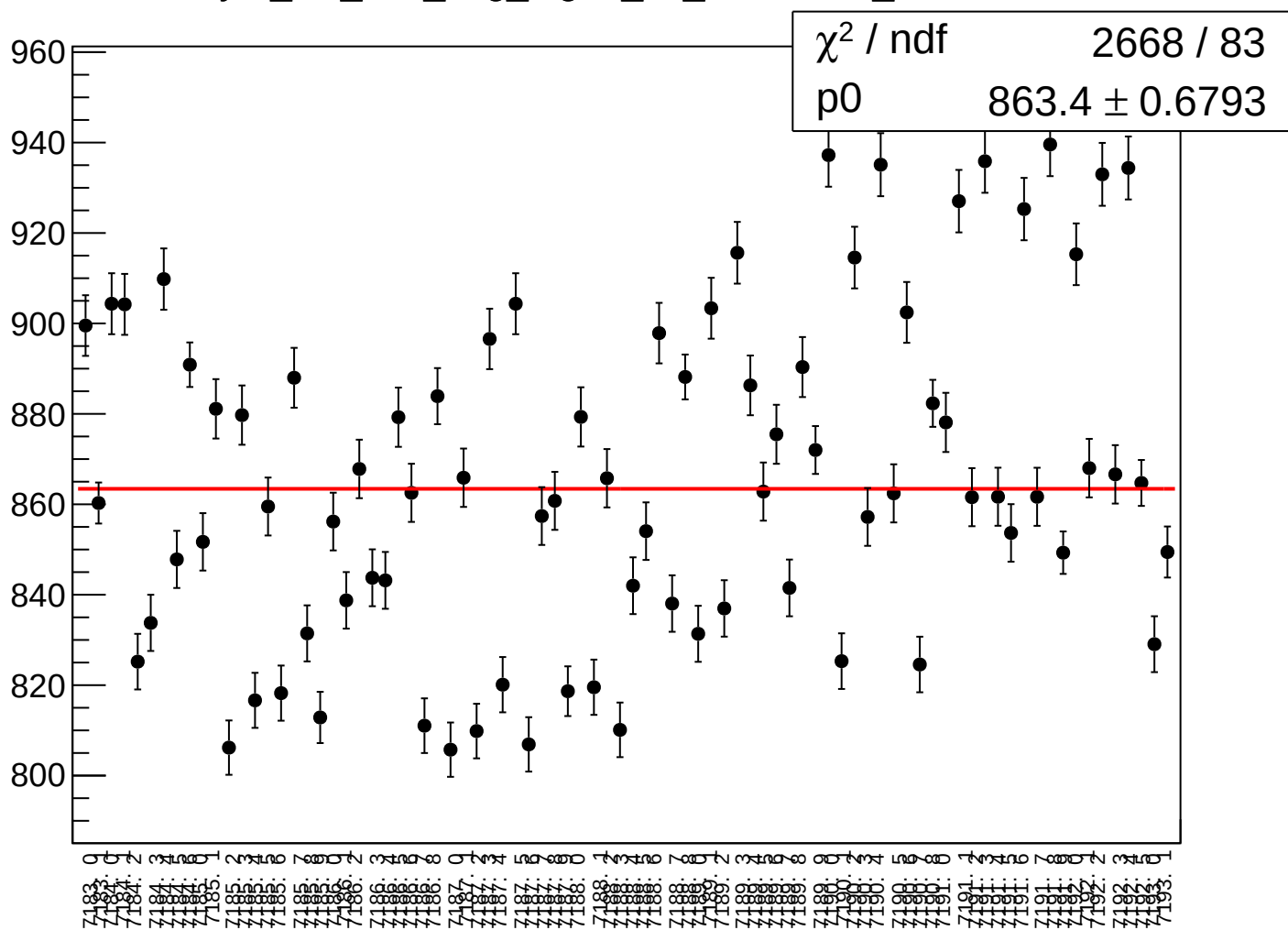
eigen_dit_asym_usl_atl1_avg_rms vs run



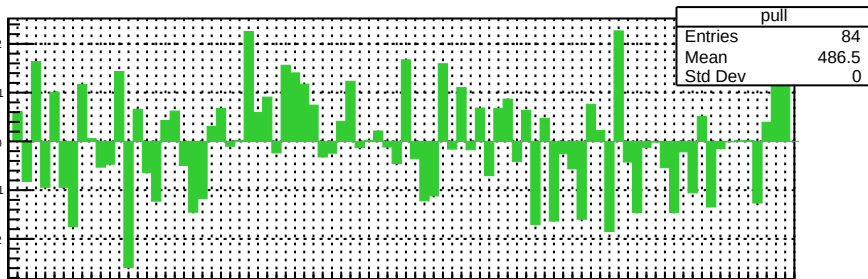
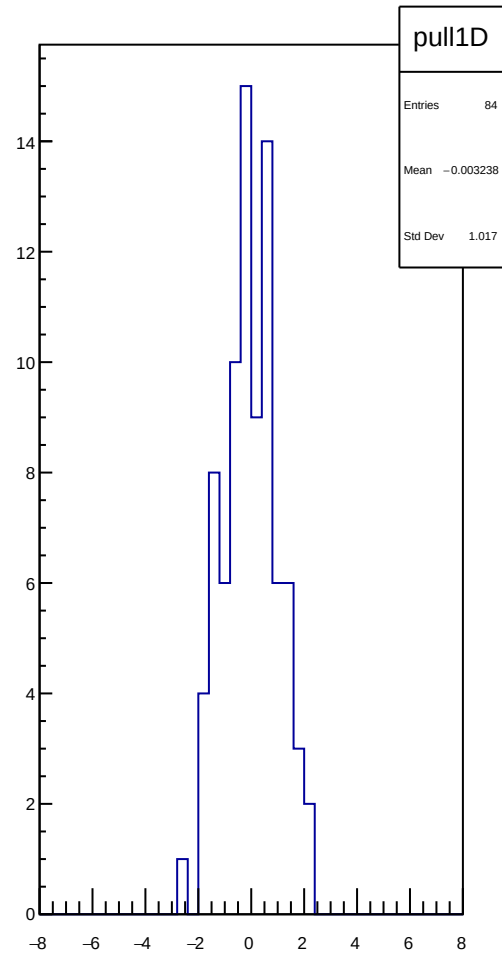
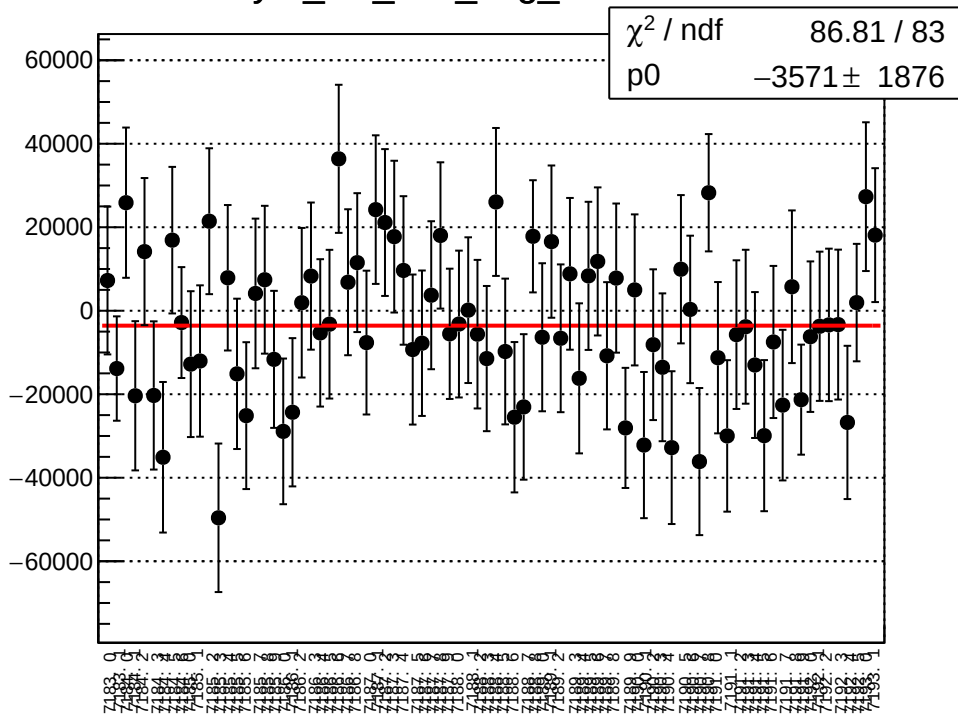
asym_usl_atl1_avg_eigen_dit_correction_mean vs run



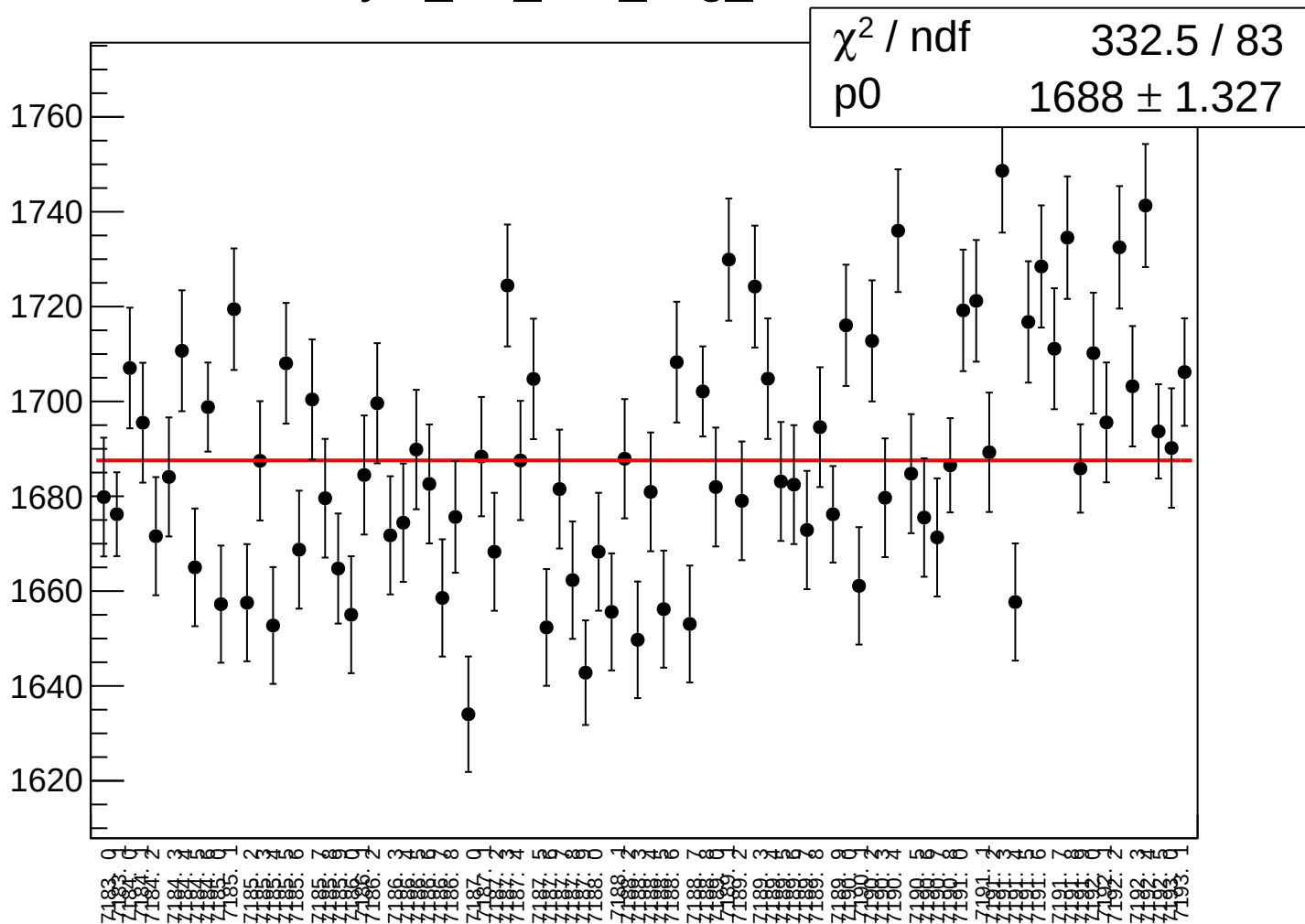
asym_usl_atl1_avg_eigen_dit_correction_rms vs run



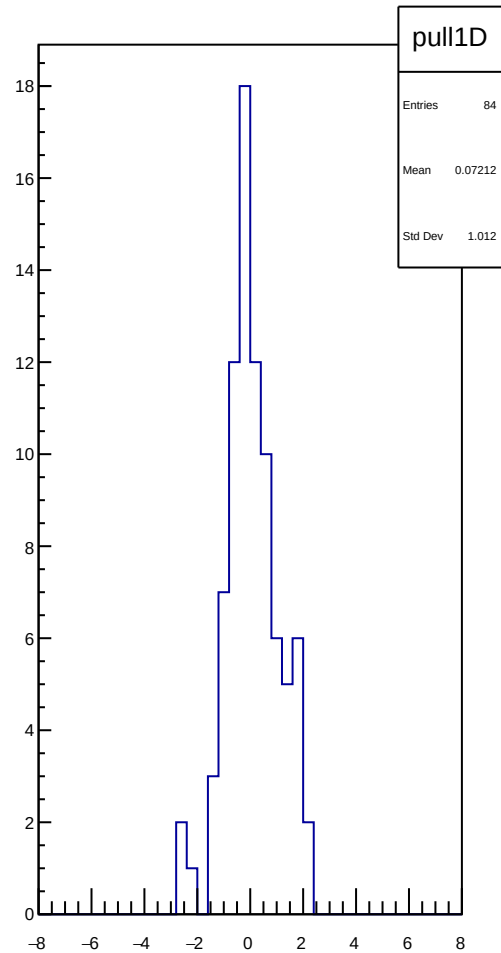
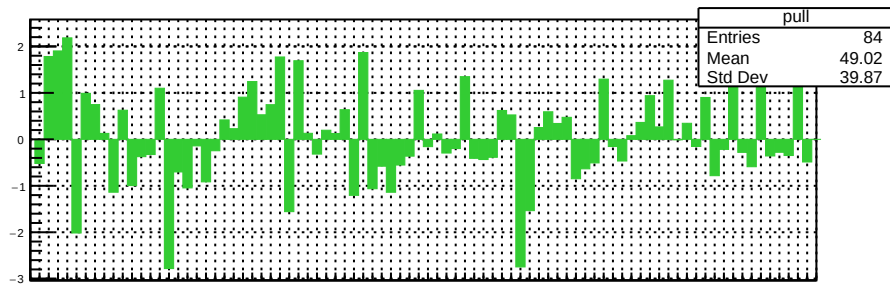
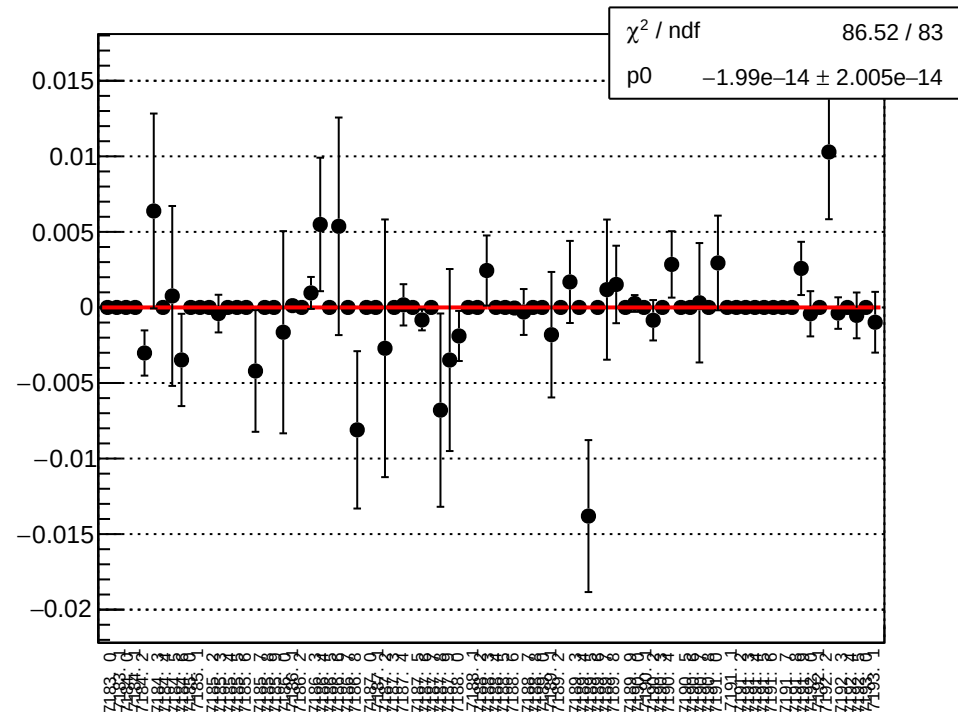
asym_usl_atl1_avg_mean vs run



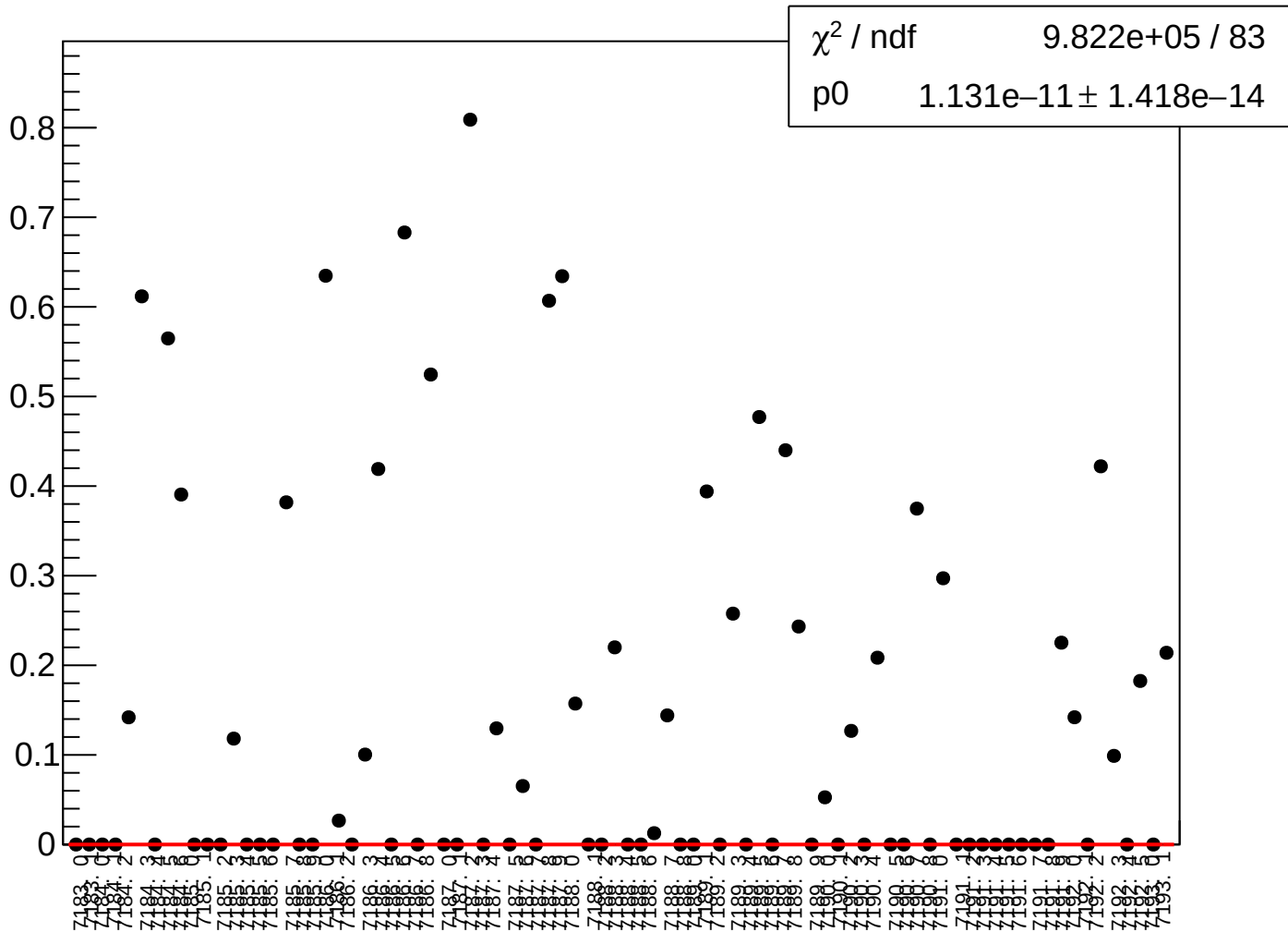
asym_usl_atl1_avg_rms vs run



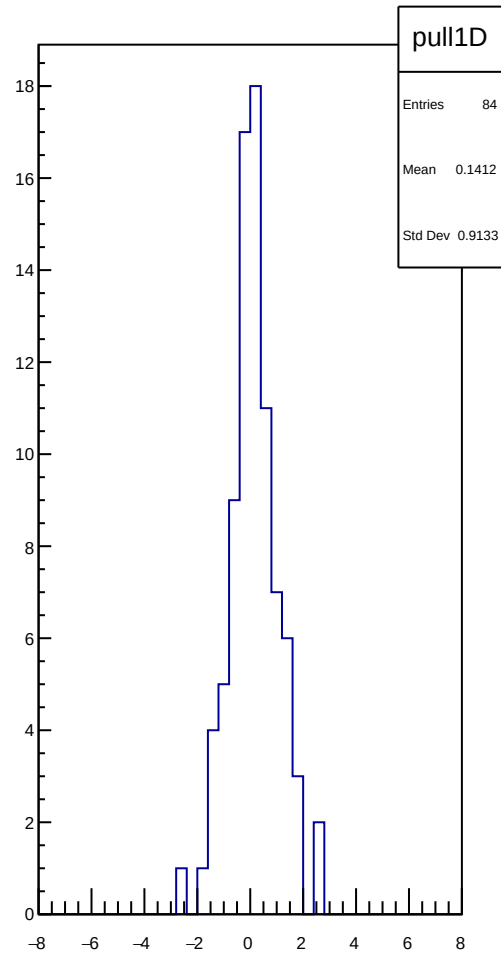
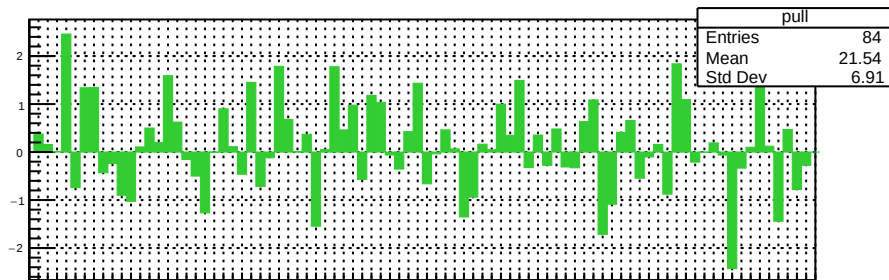
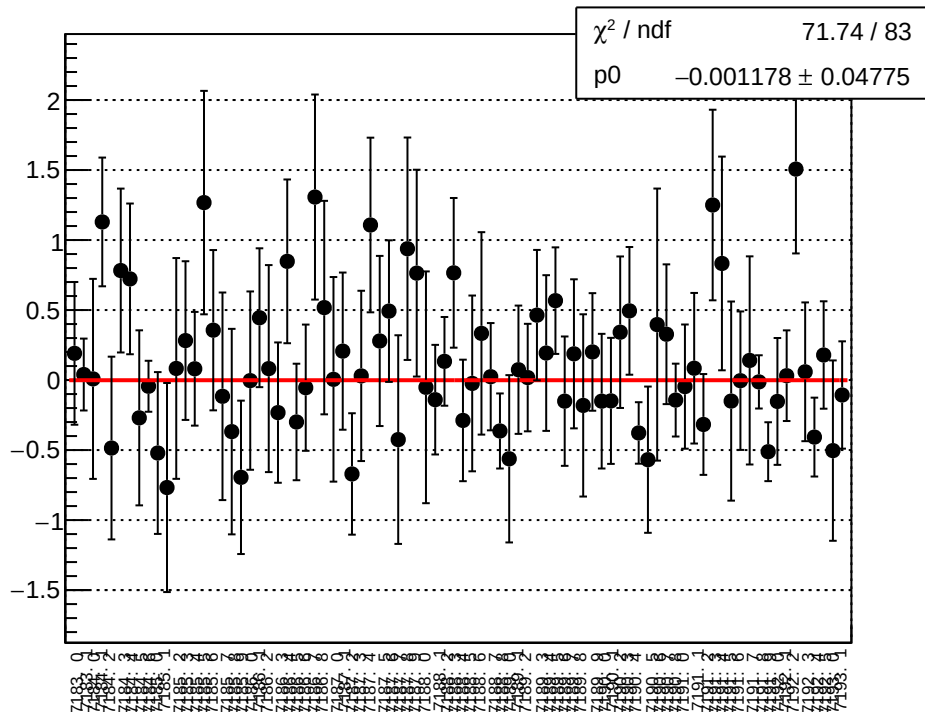
asym_usl_atl1_avg_reg_vs_cor_diff_mean vs run



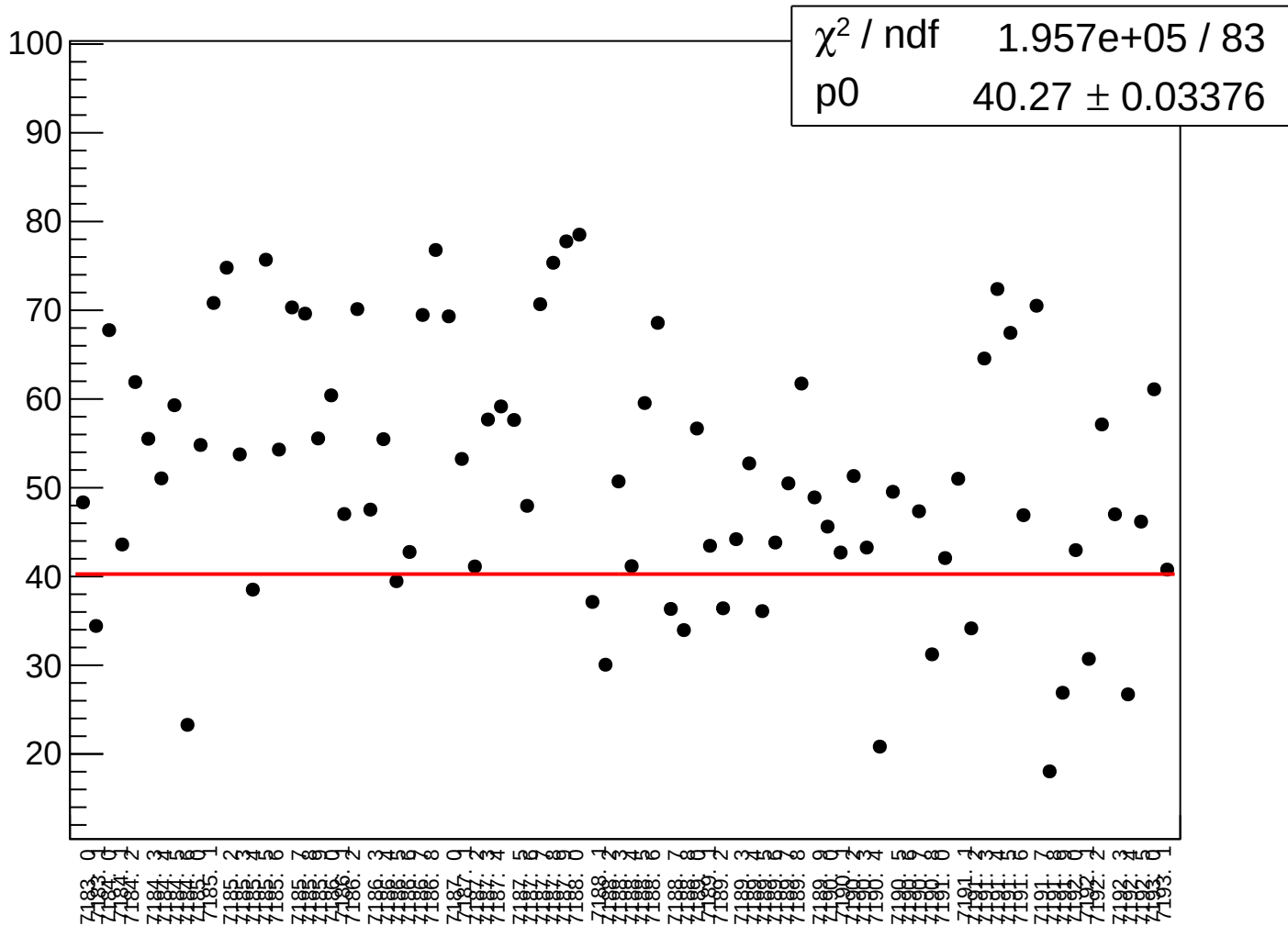
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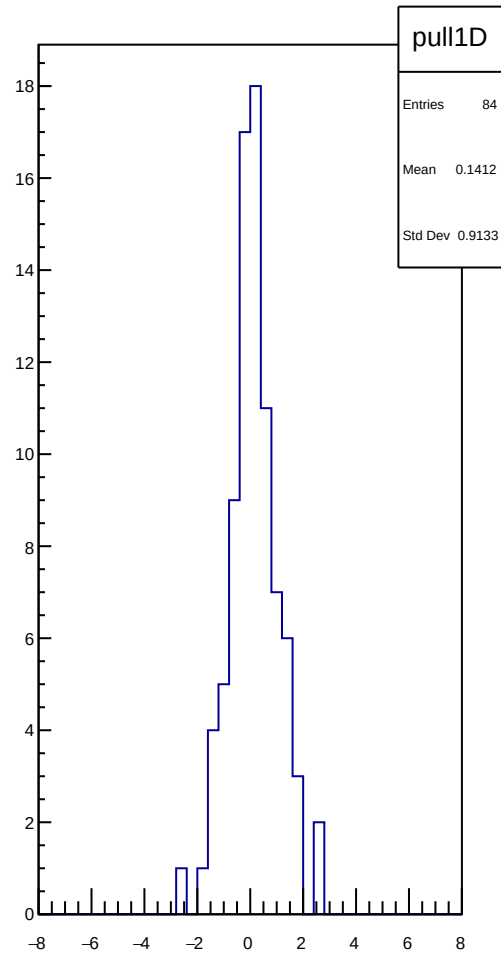
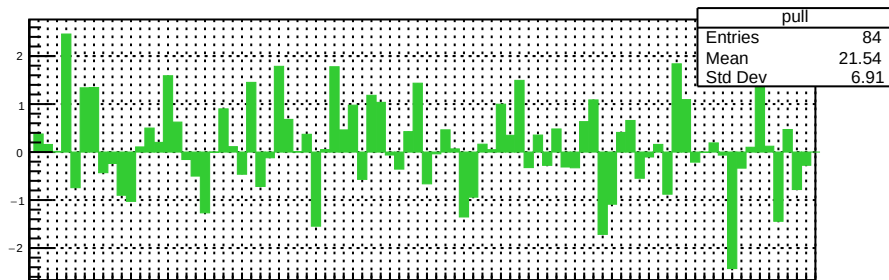
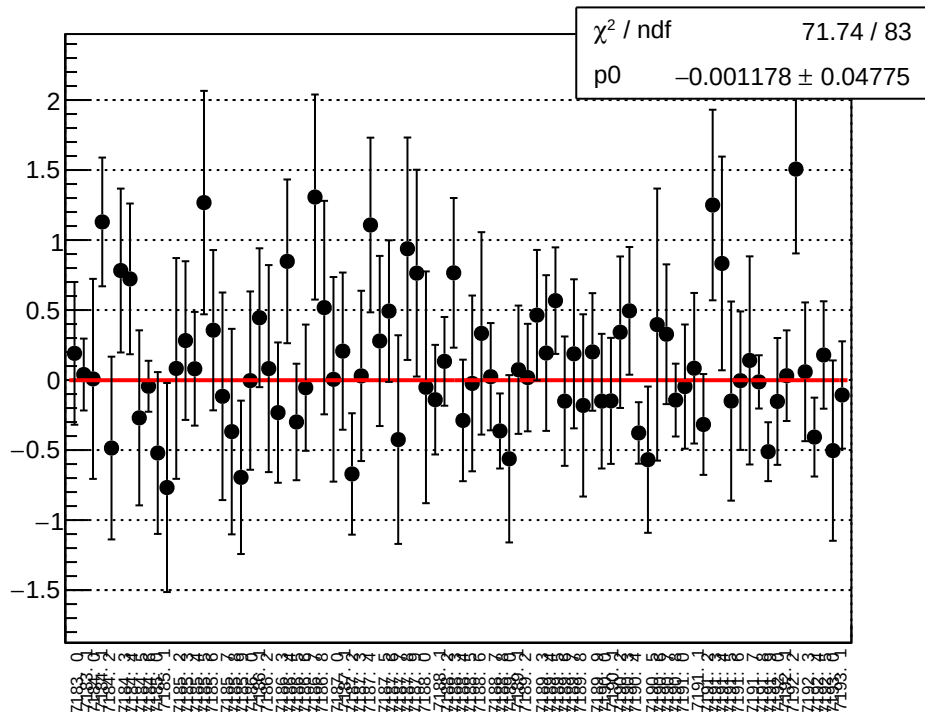
asym_usl_atl1_avg_dit_vs_cor_diff_mean vs run



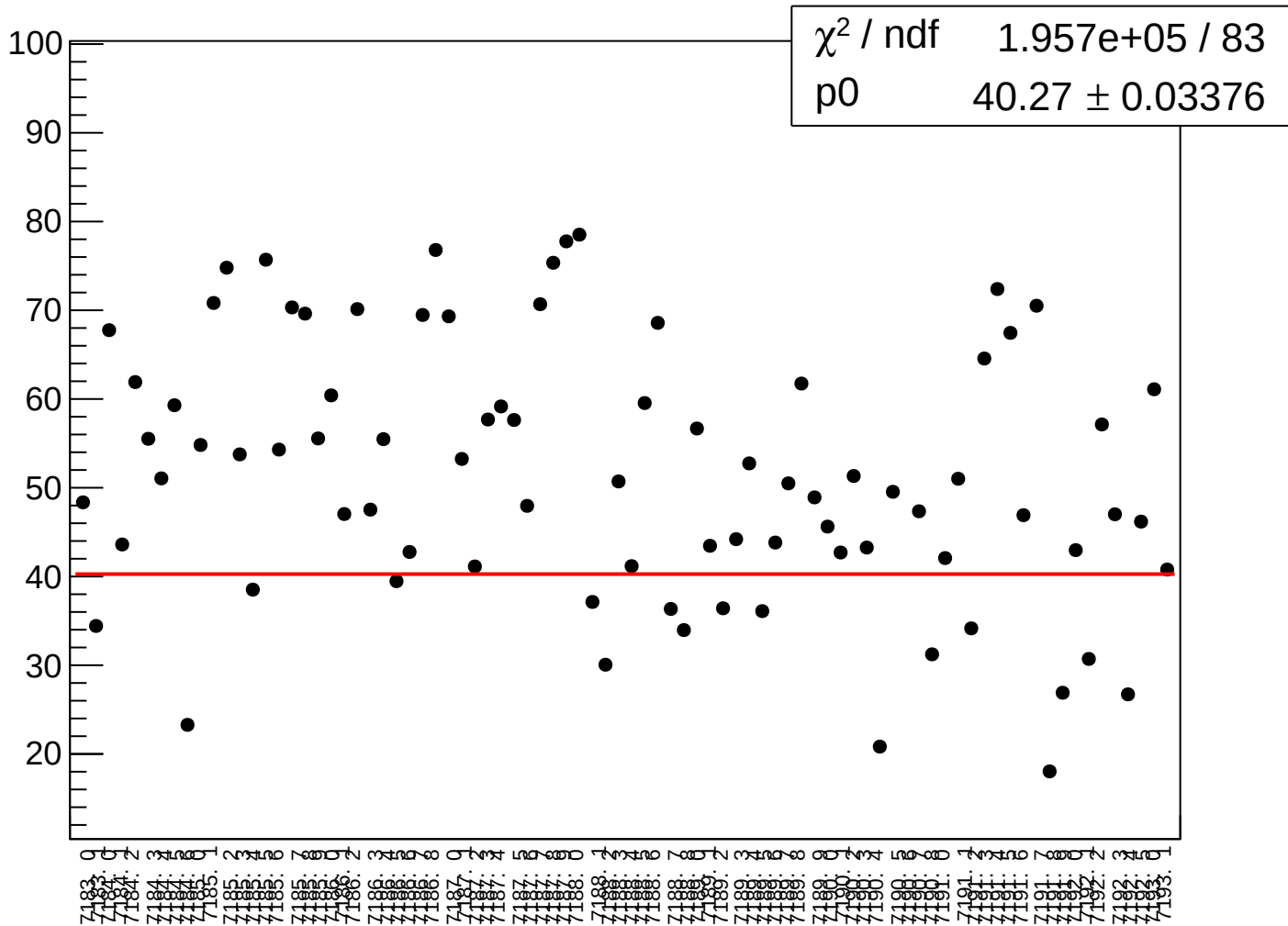
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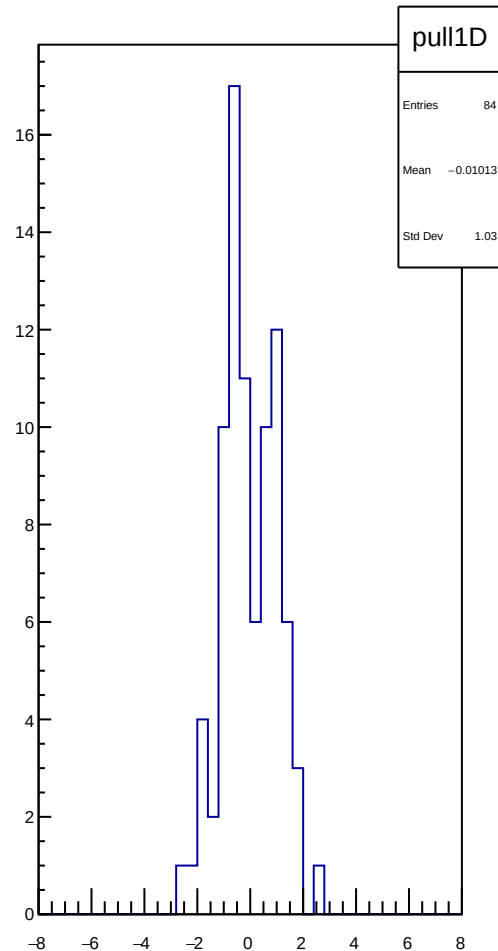
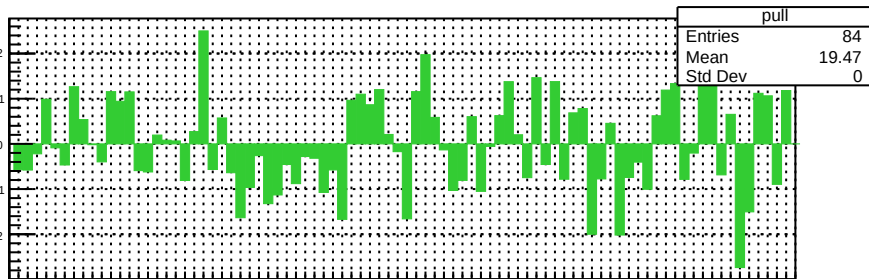
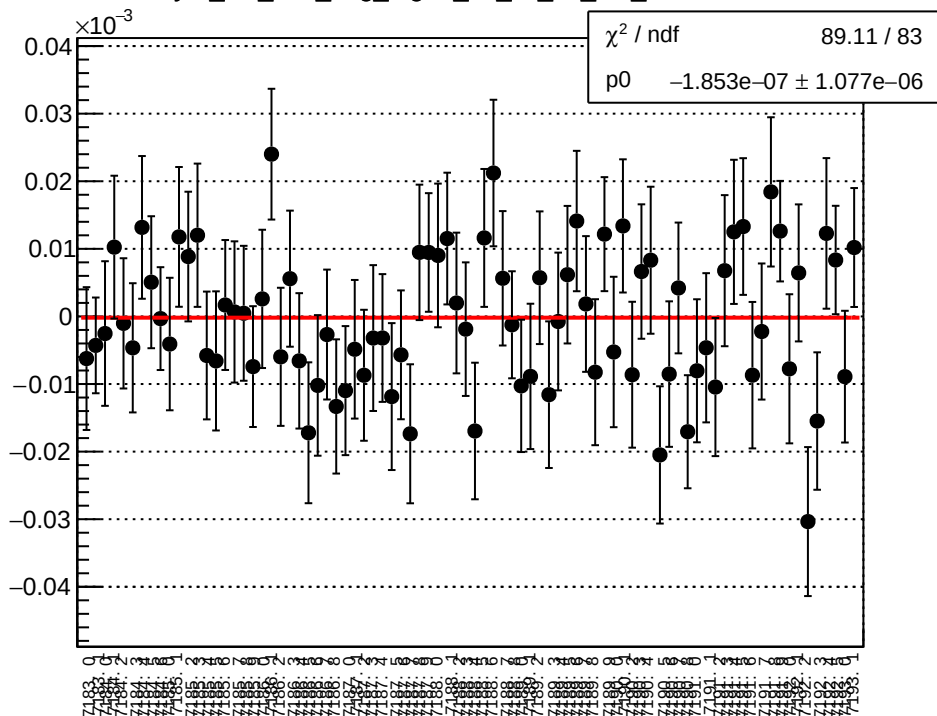
asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs run



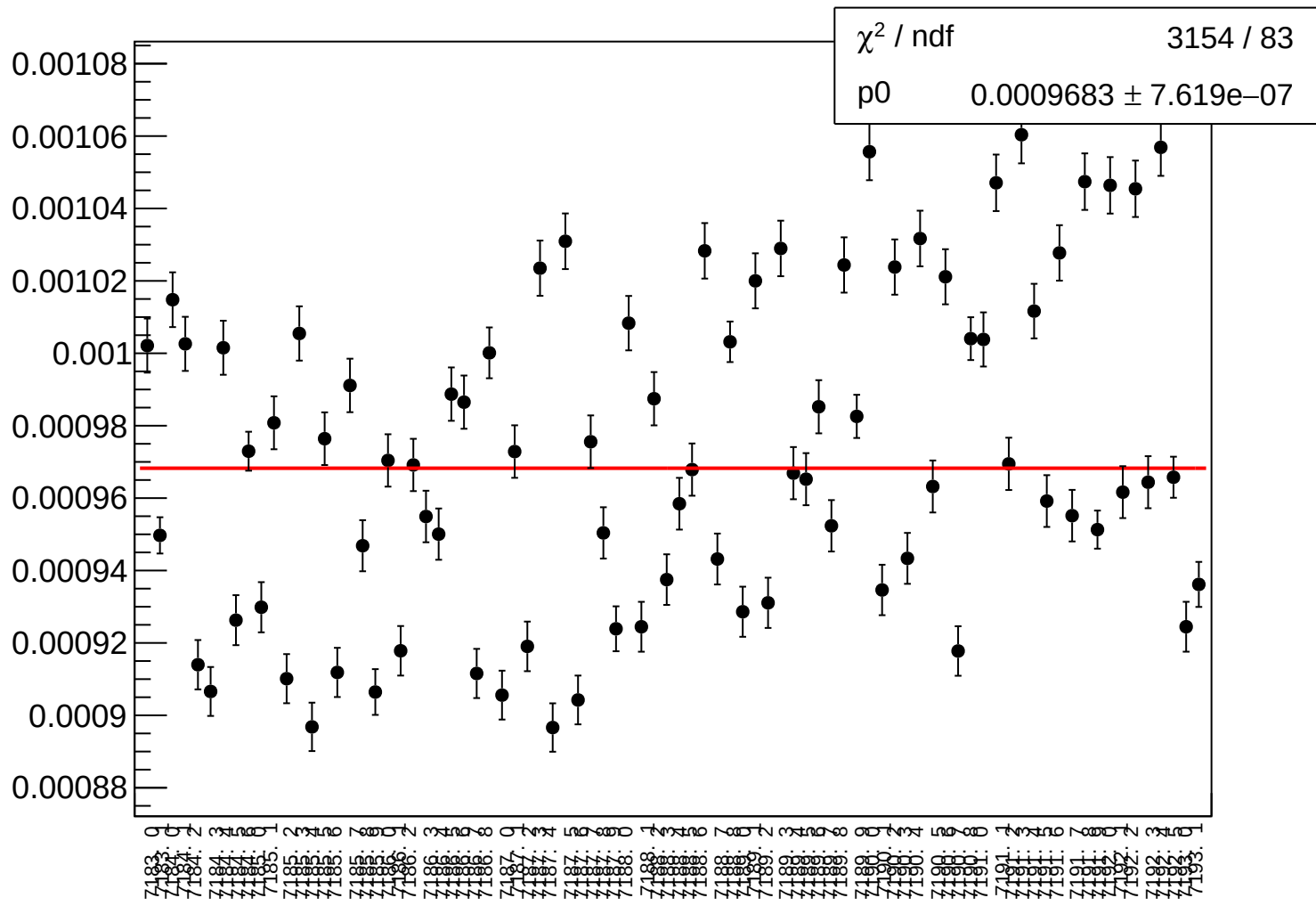
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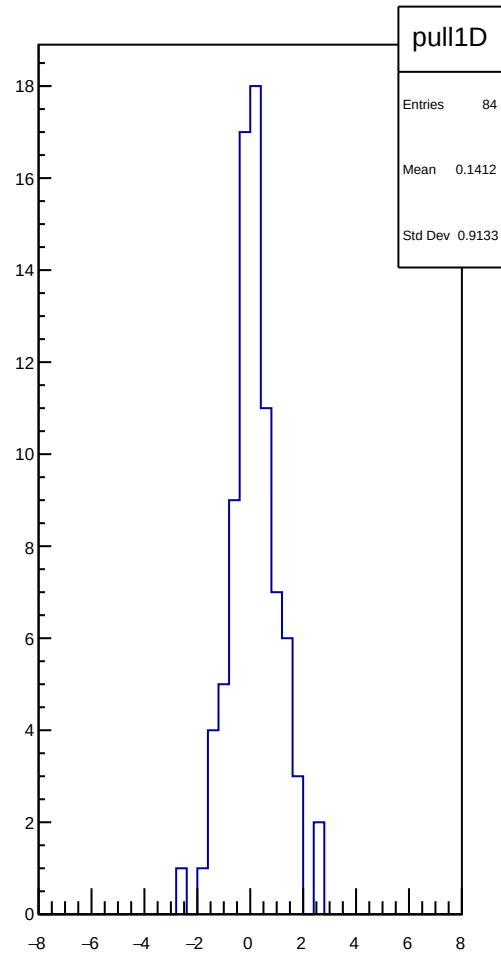
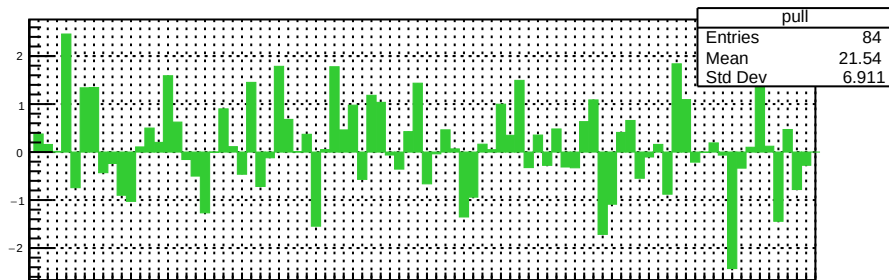
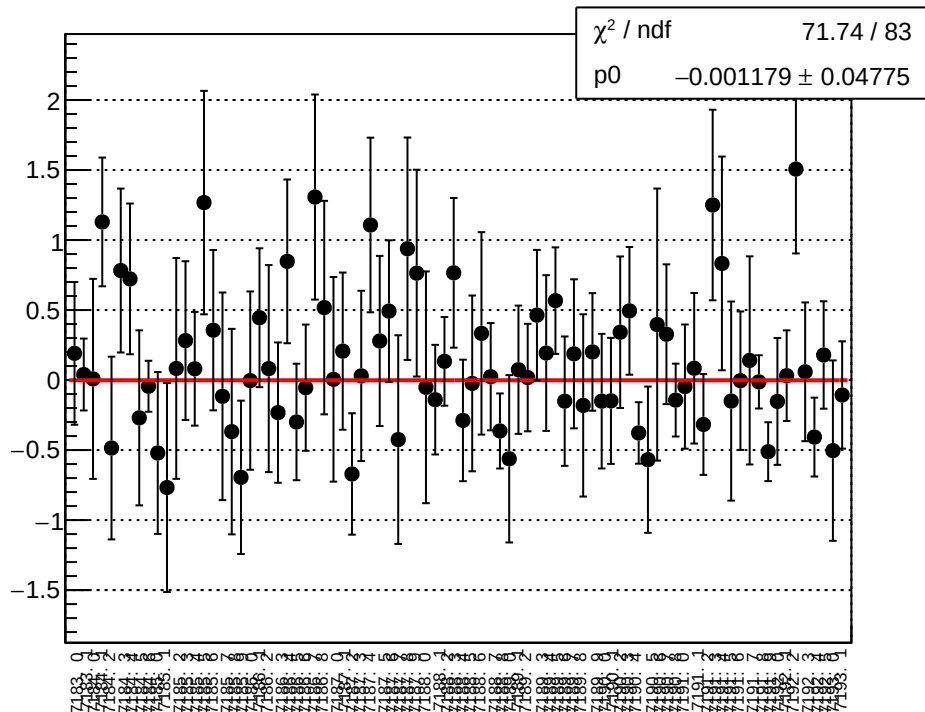
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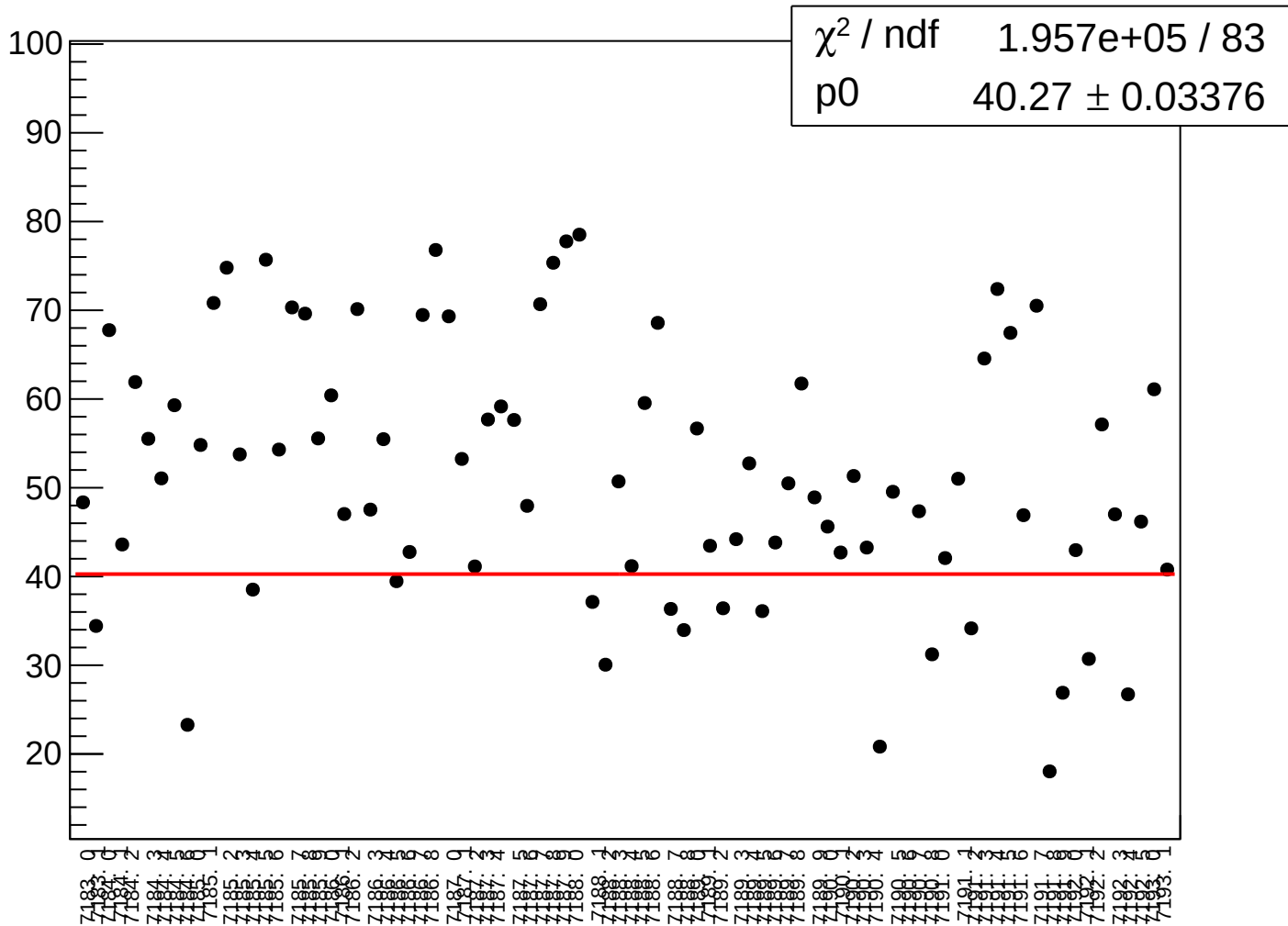
asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs run



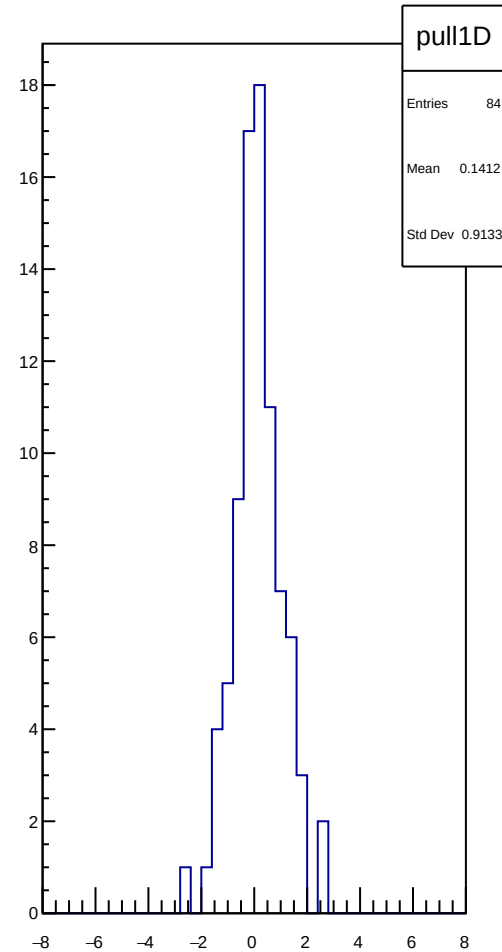
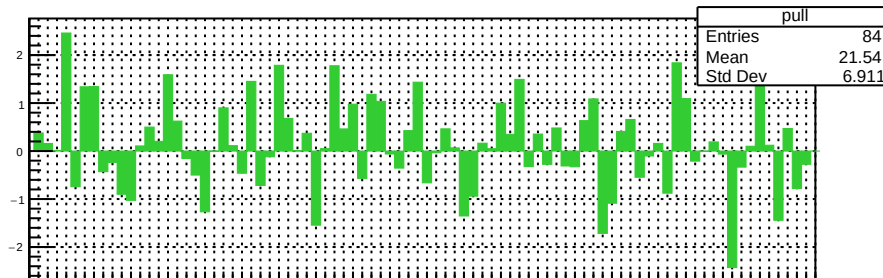
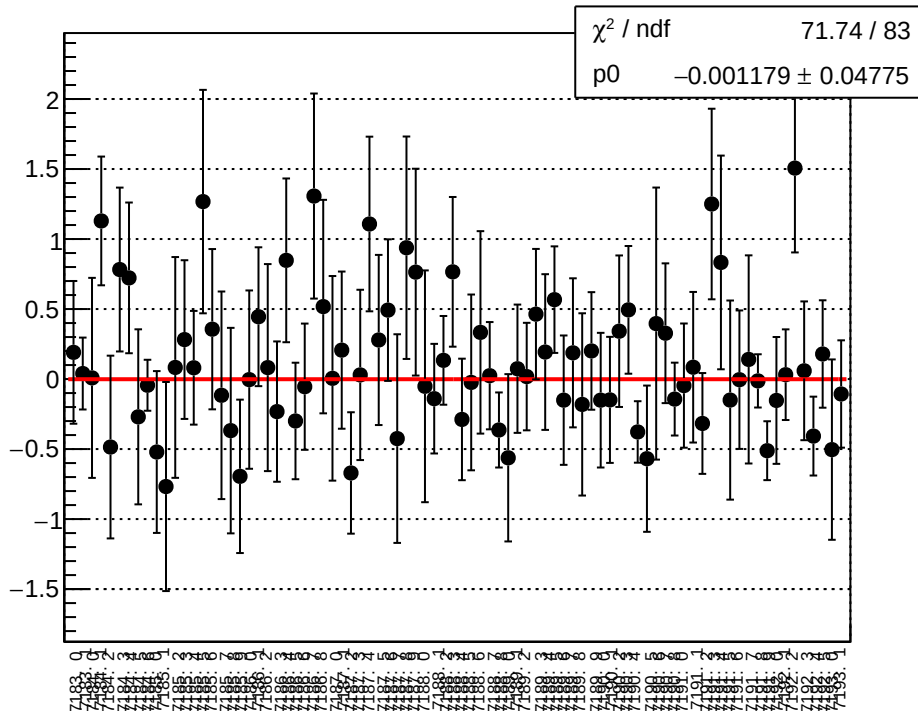
asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs run



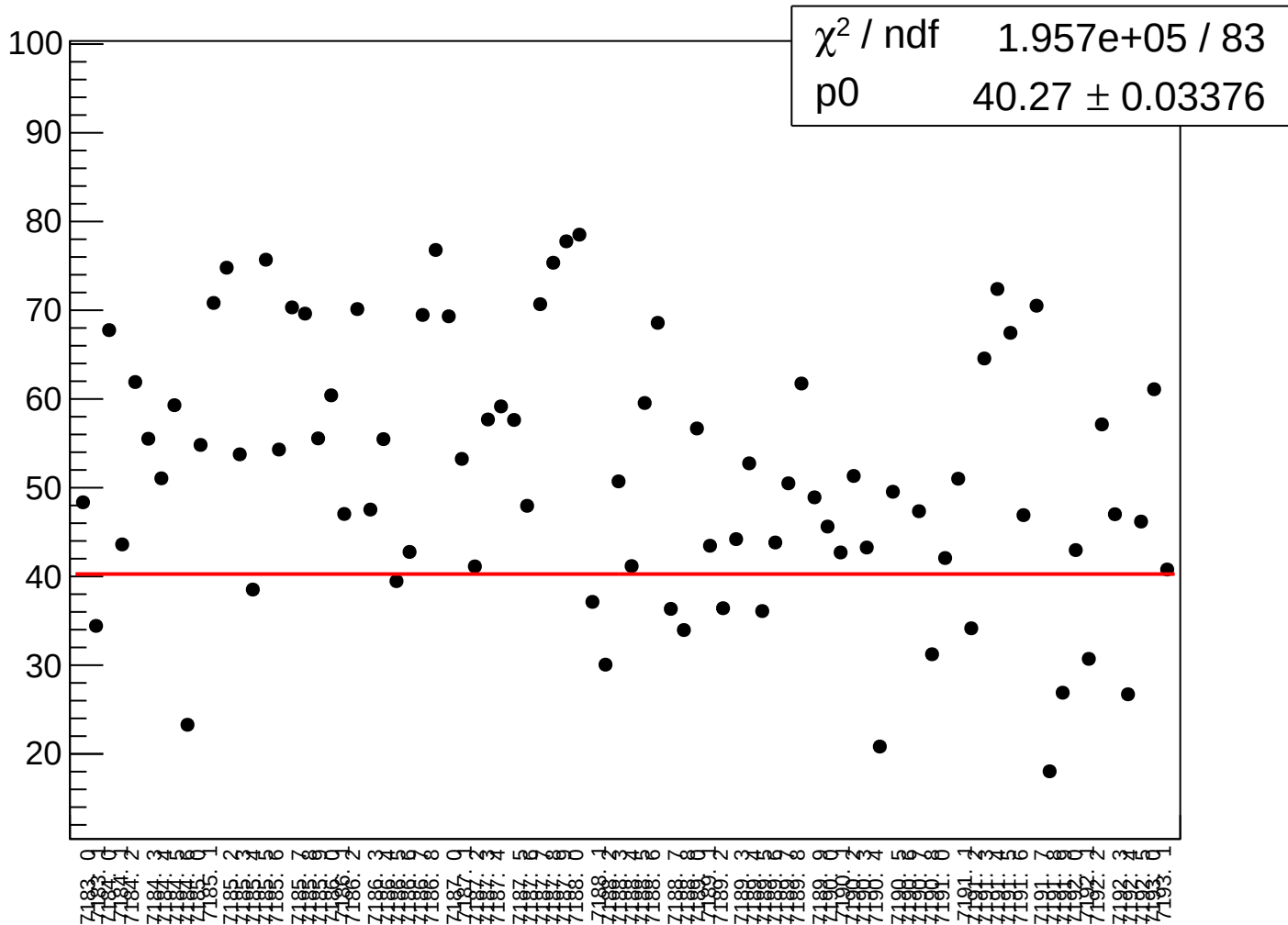
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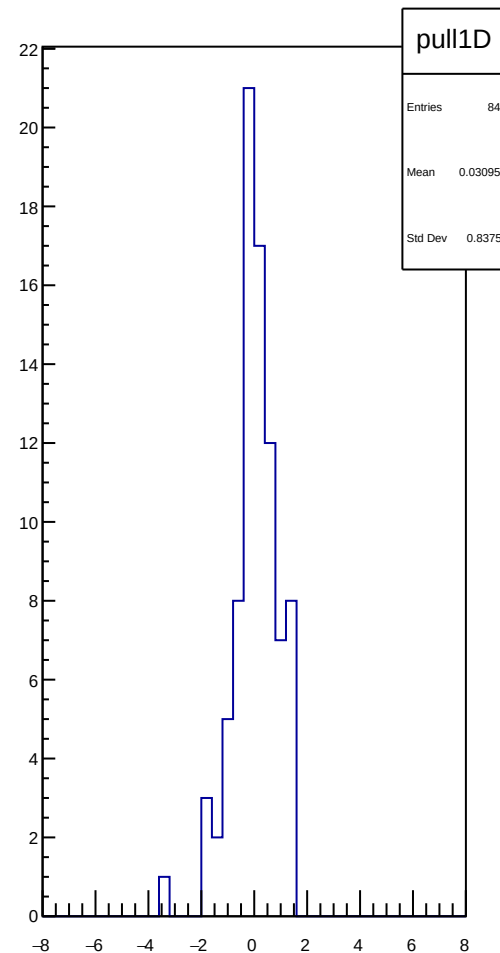
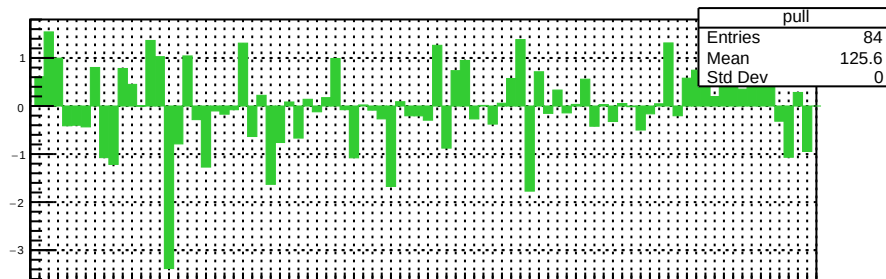
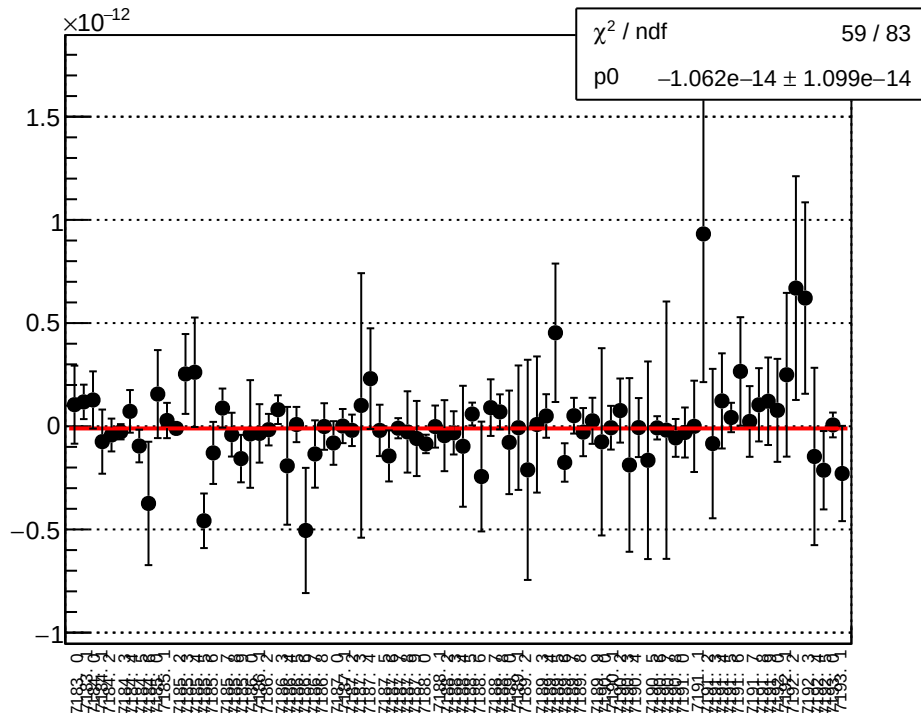
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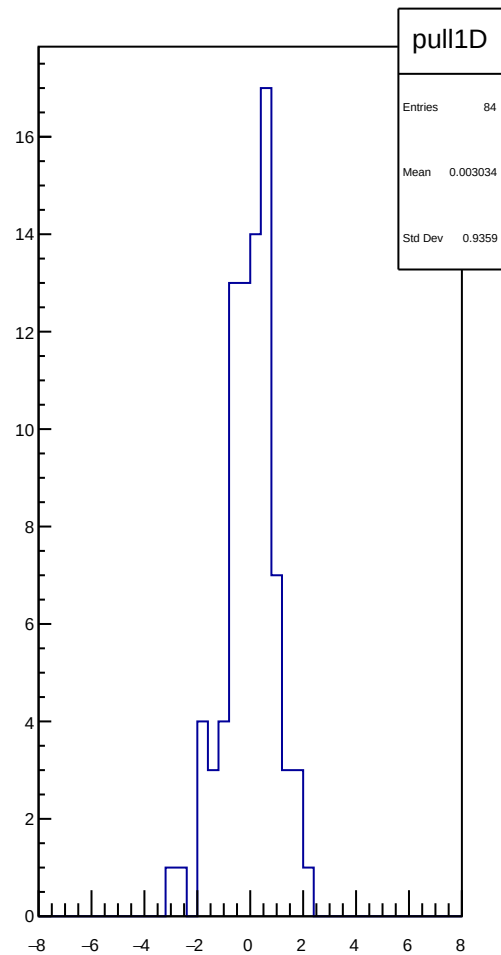
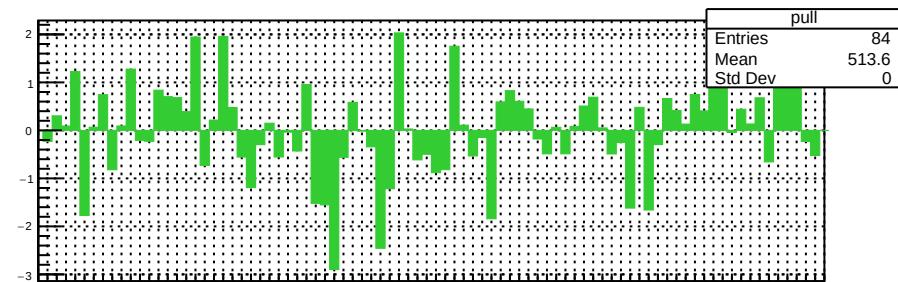
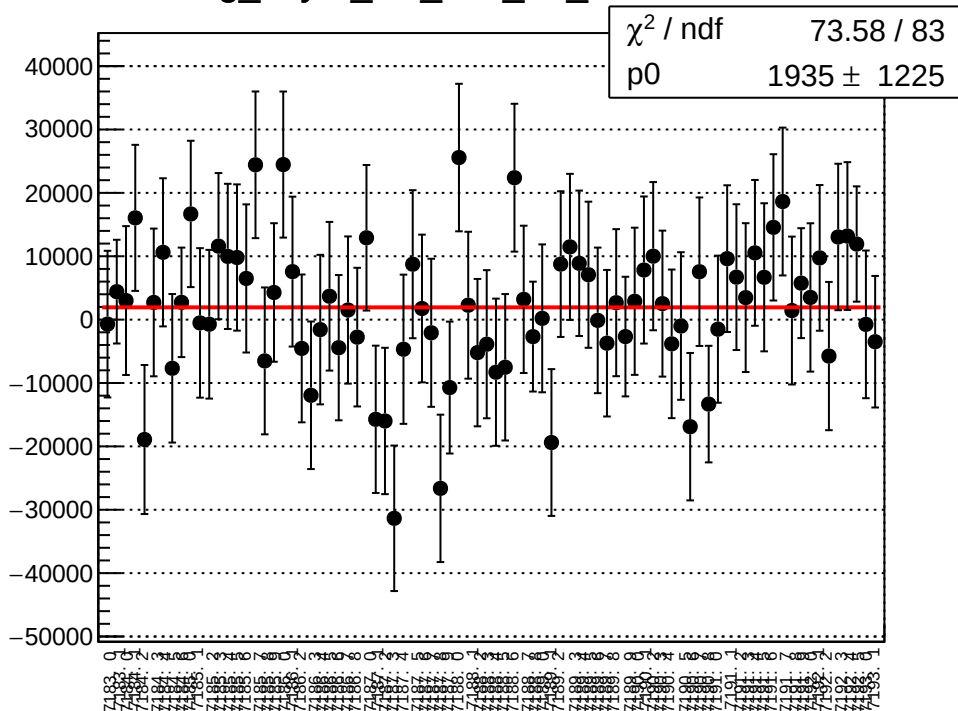
asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



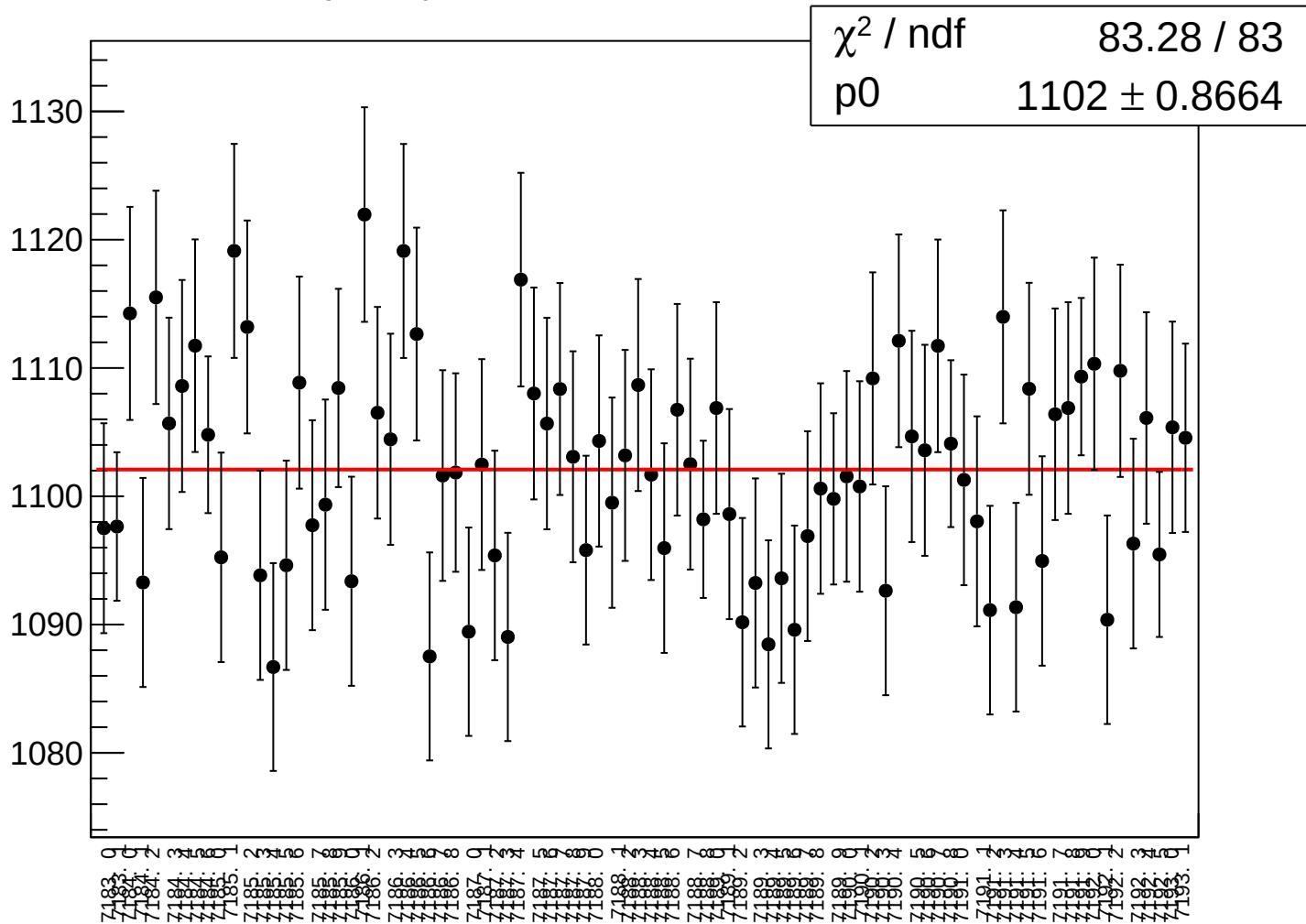
asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs run



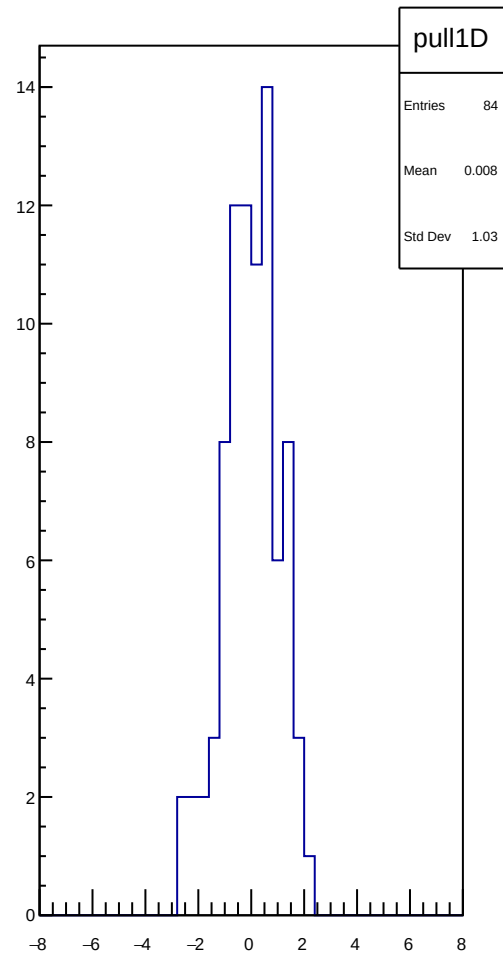
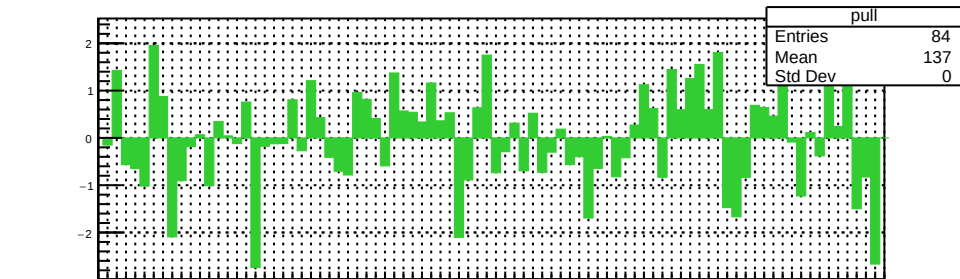
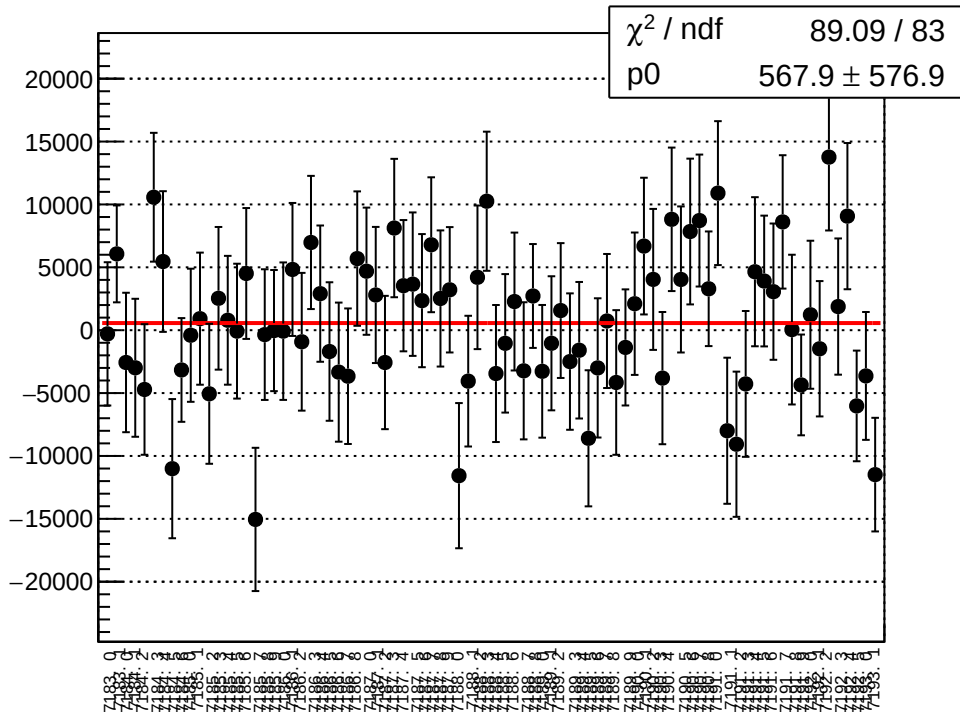
reg_asym_usl_atl1_dd_mean vs run



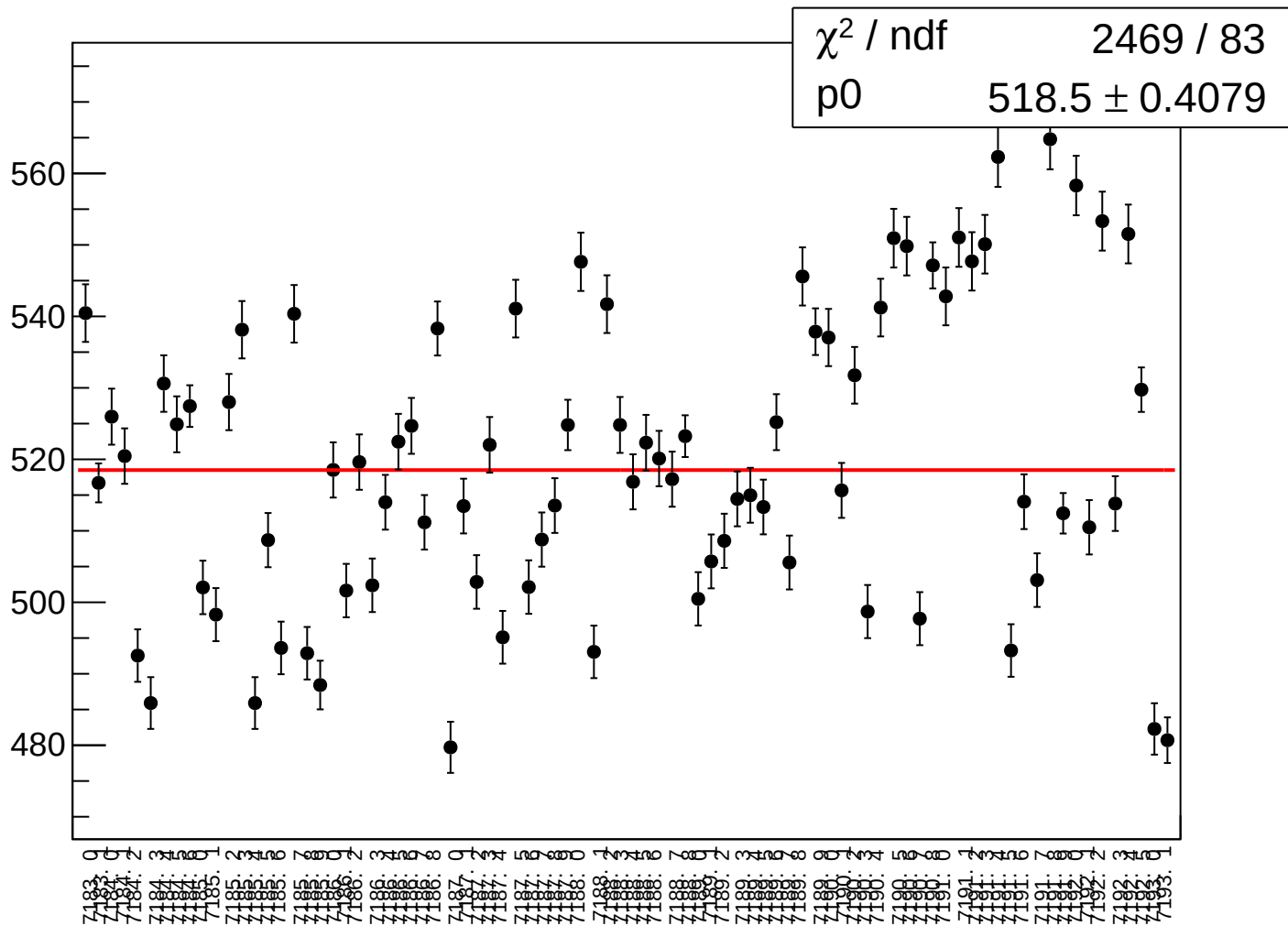
reg_asym_usl_atl1_dd_rms vs run



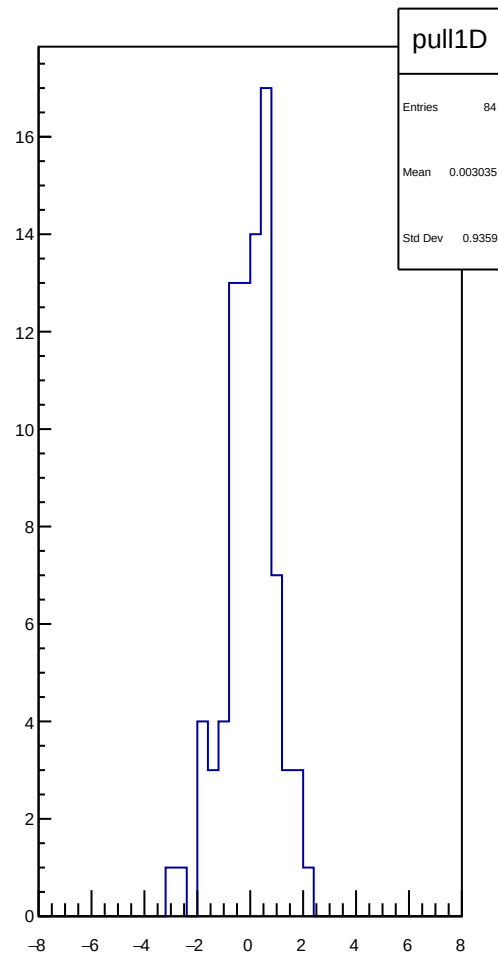
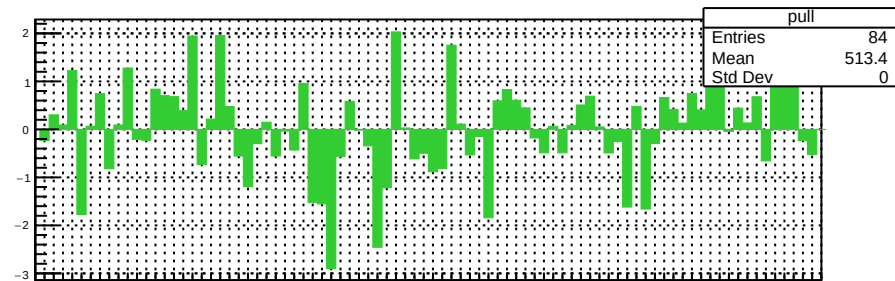
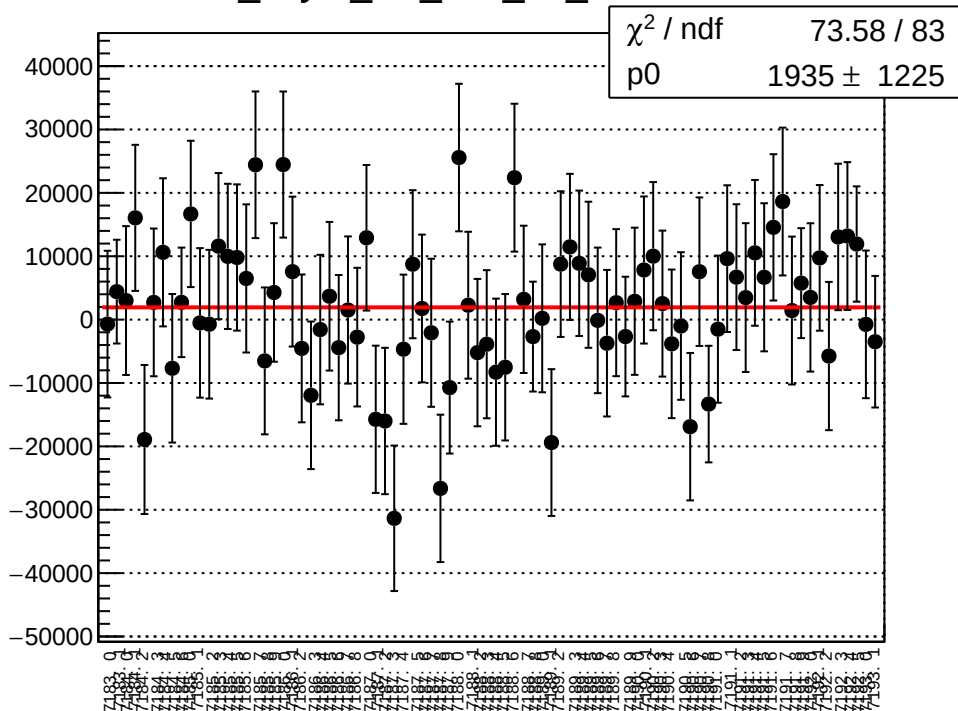
asym_usl_atl1_dd_reg_correction_mean vs run



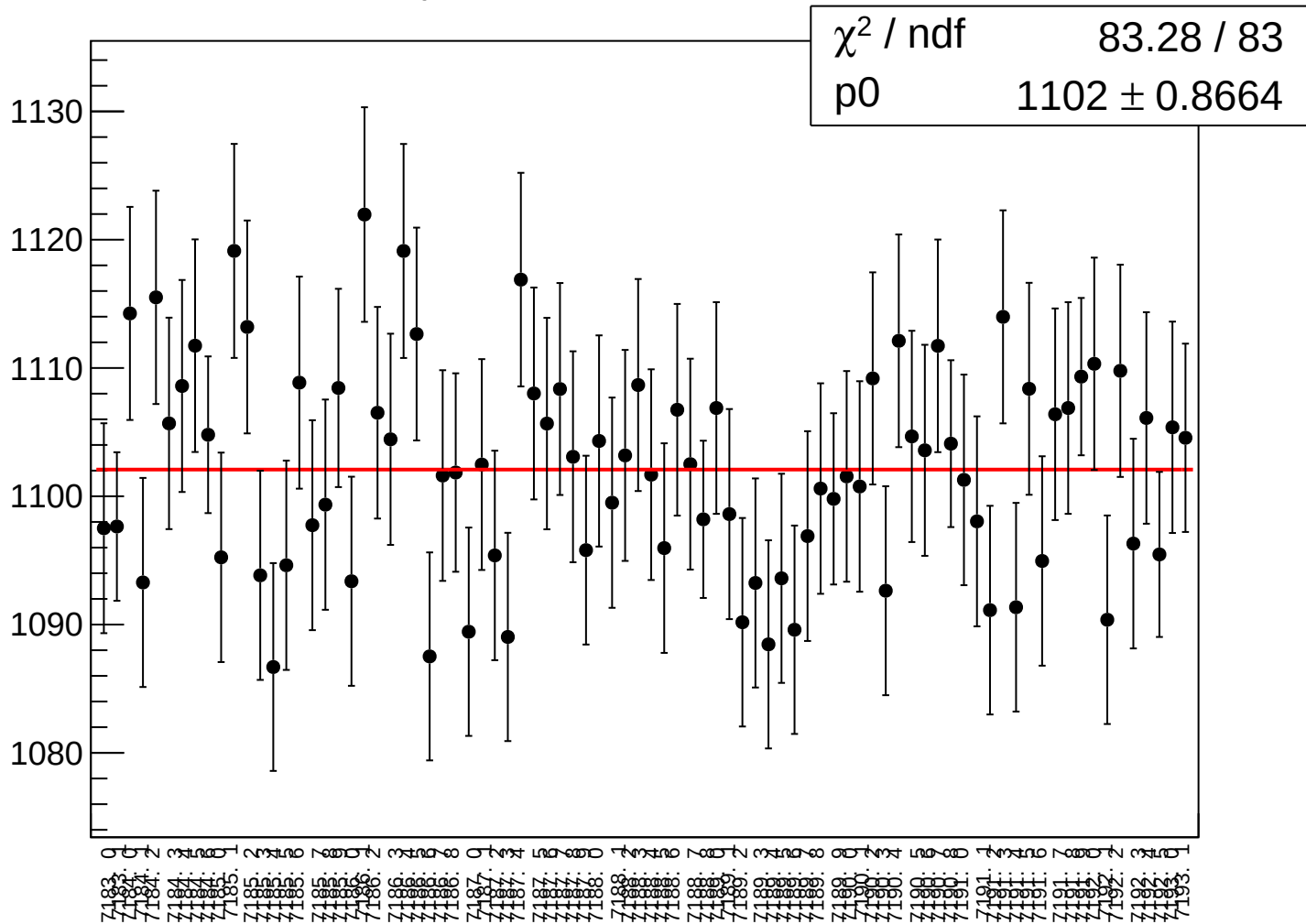
asym_usl_atl1_dd_reg_correction_rms vs run



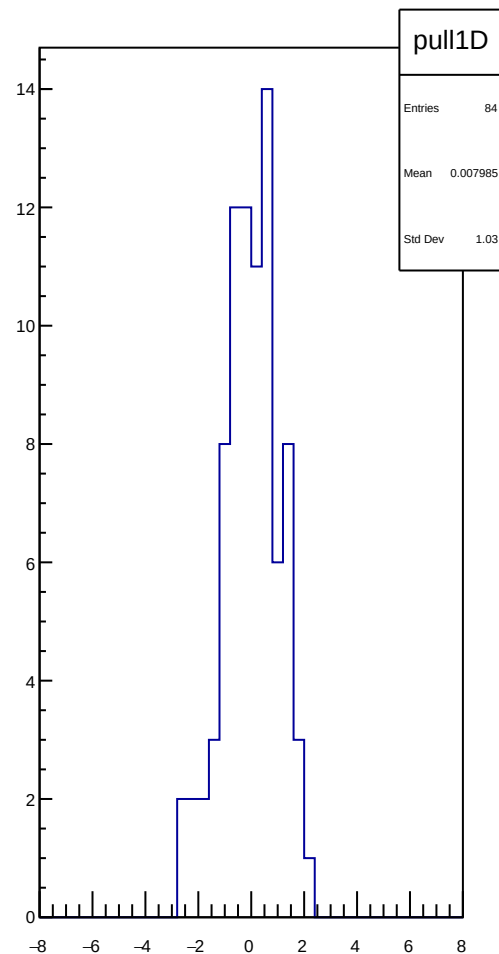
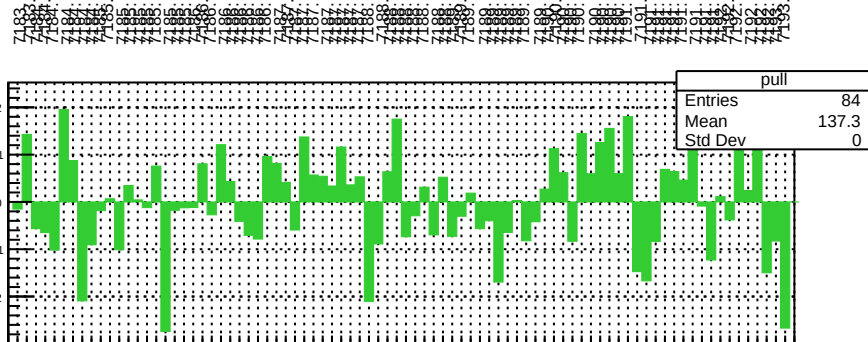
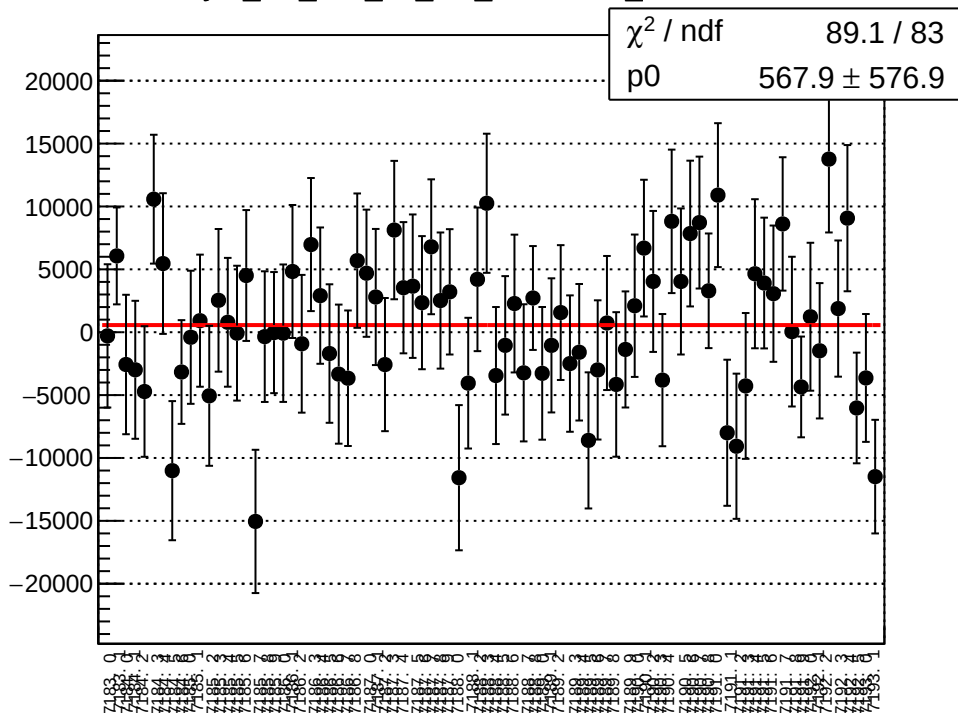
cor_asym_usl_atl1_dd_mean vs run



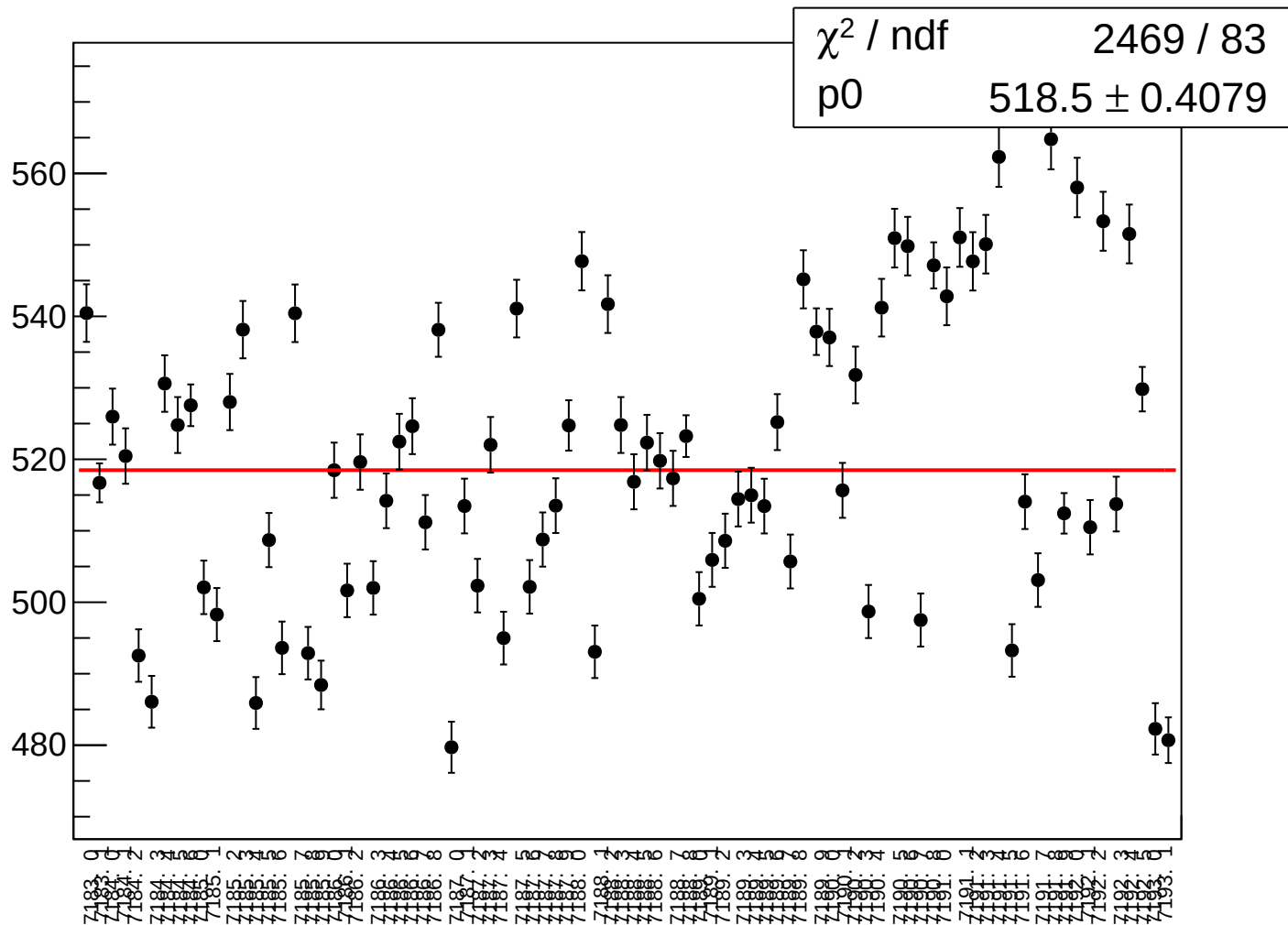
cor_asym_usl_atl1_dd_rms vs run



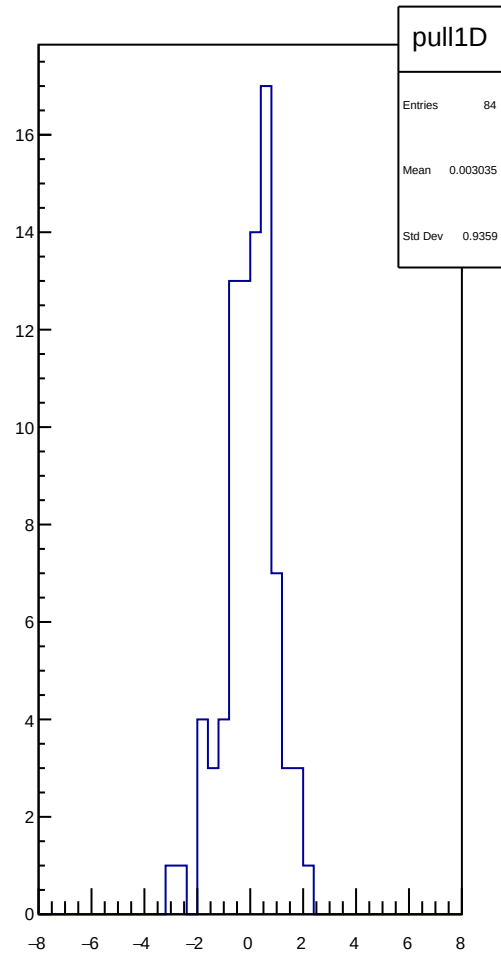
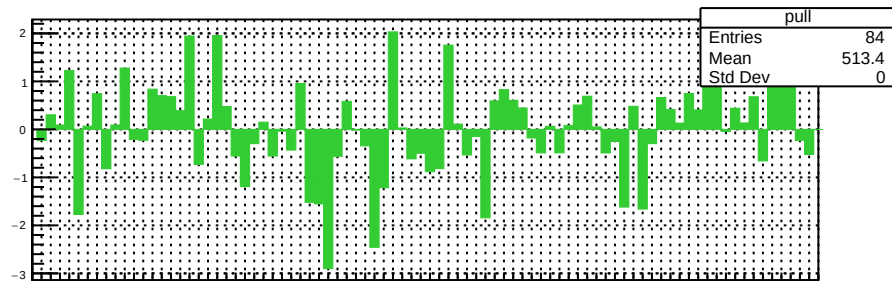
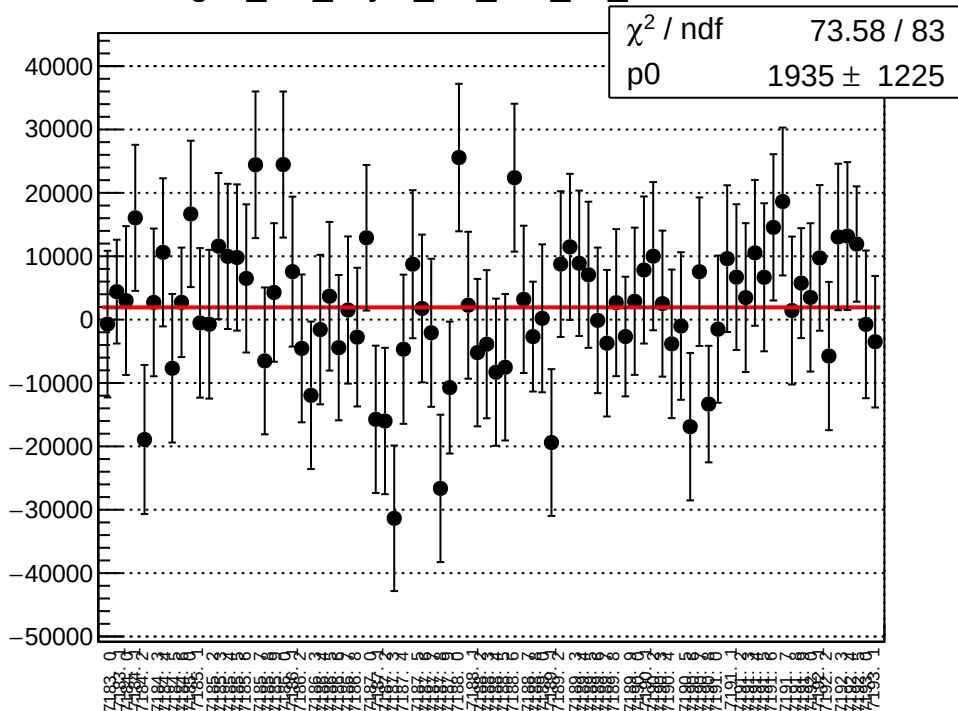
asym_usl_atl1_dd_cor_correction_mean vs run



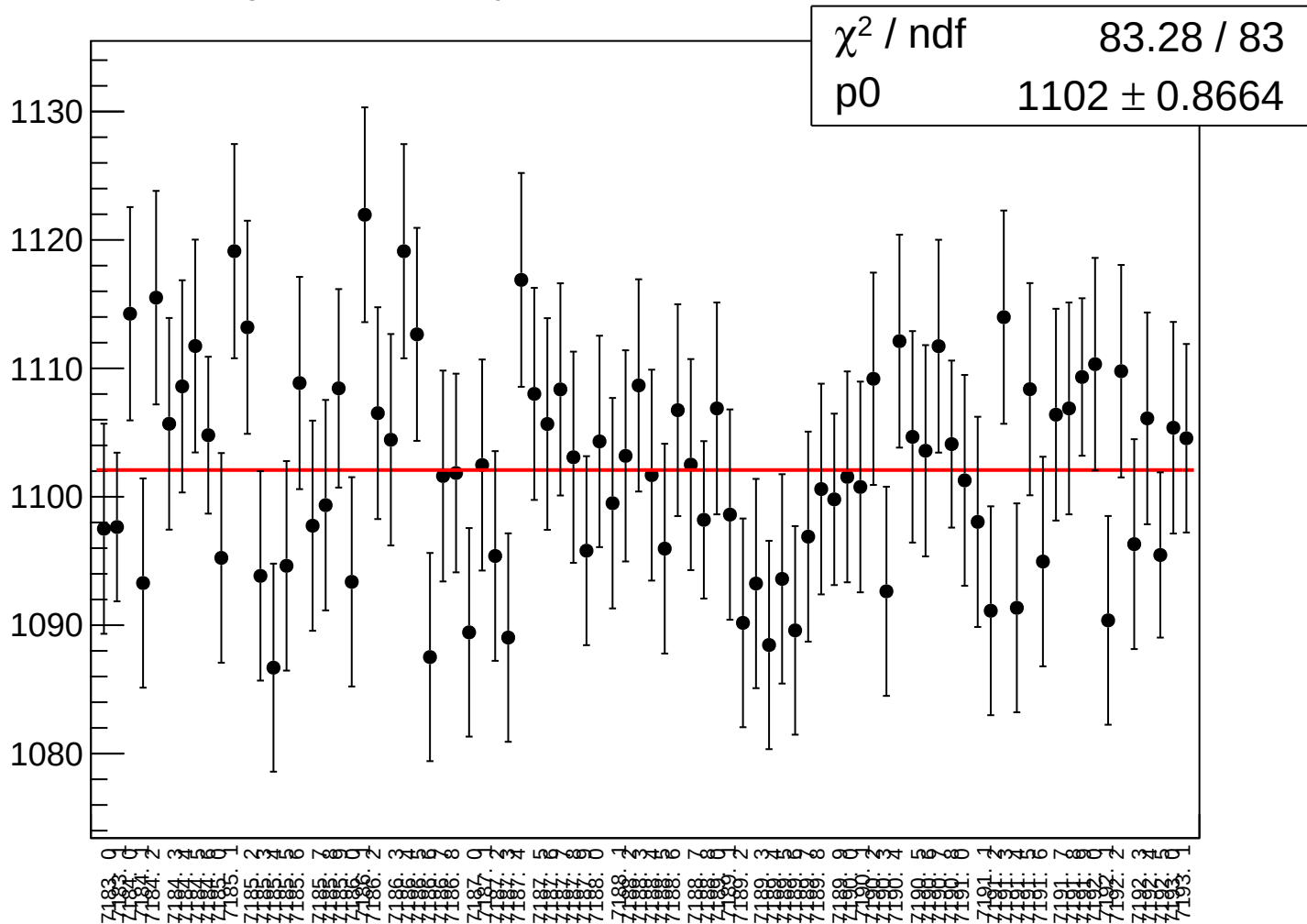
asym_usl_atl1_dd_cor_correction_rms vs run



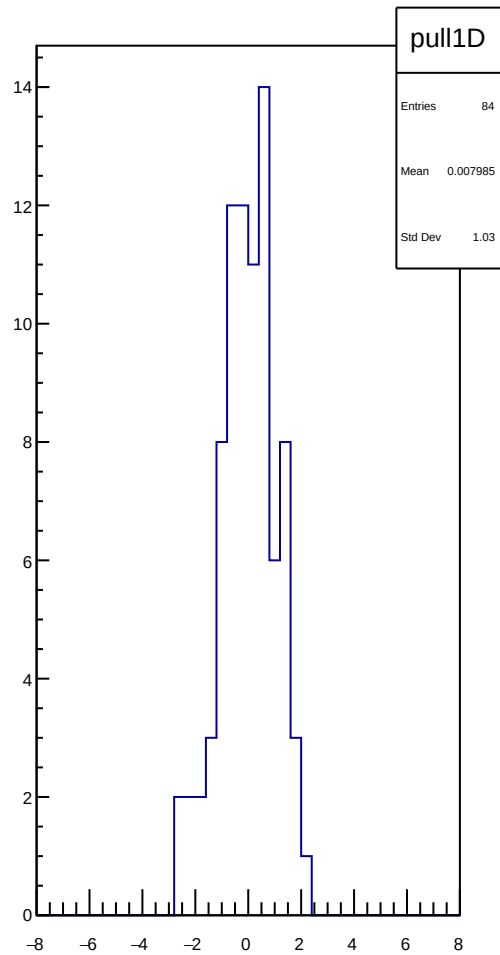
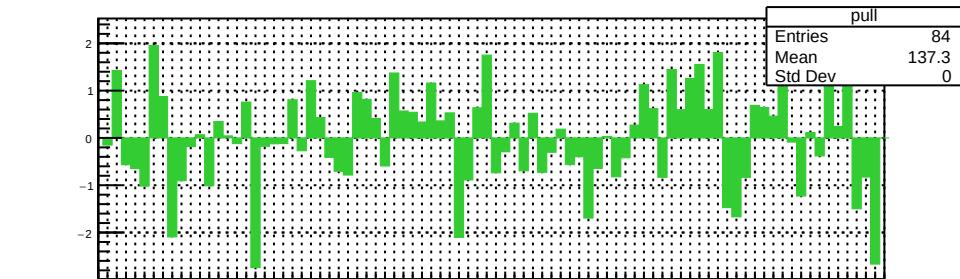
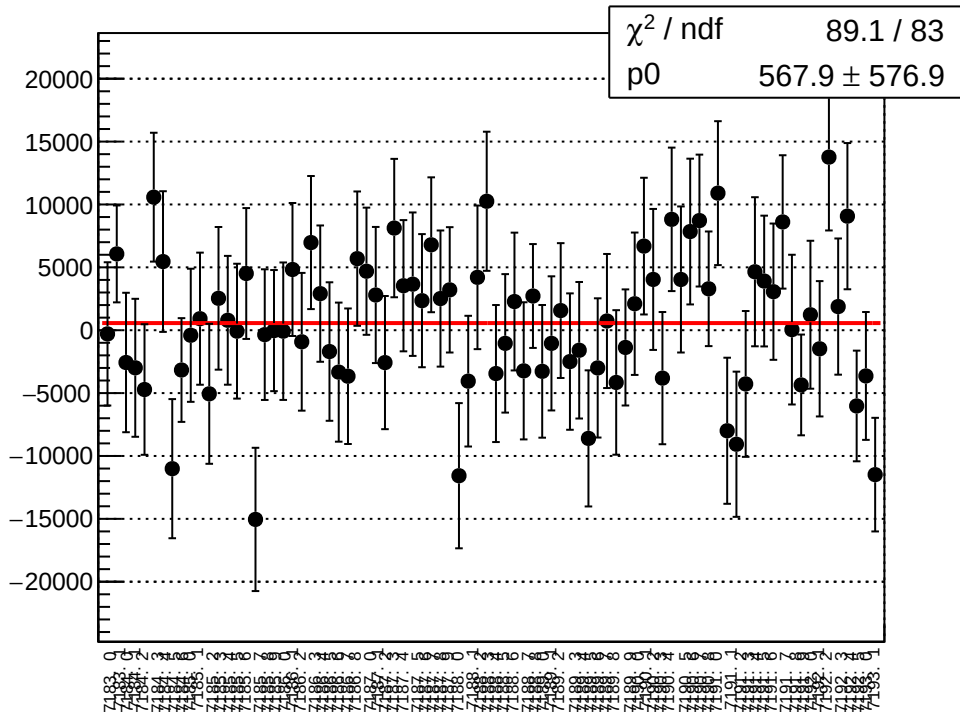
eigen_cor_asym_usl_atl1_dd_mean vs run



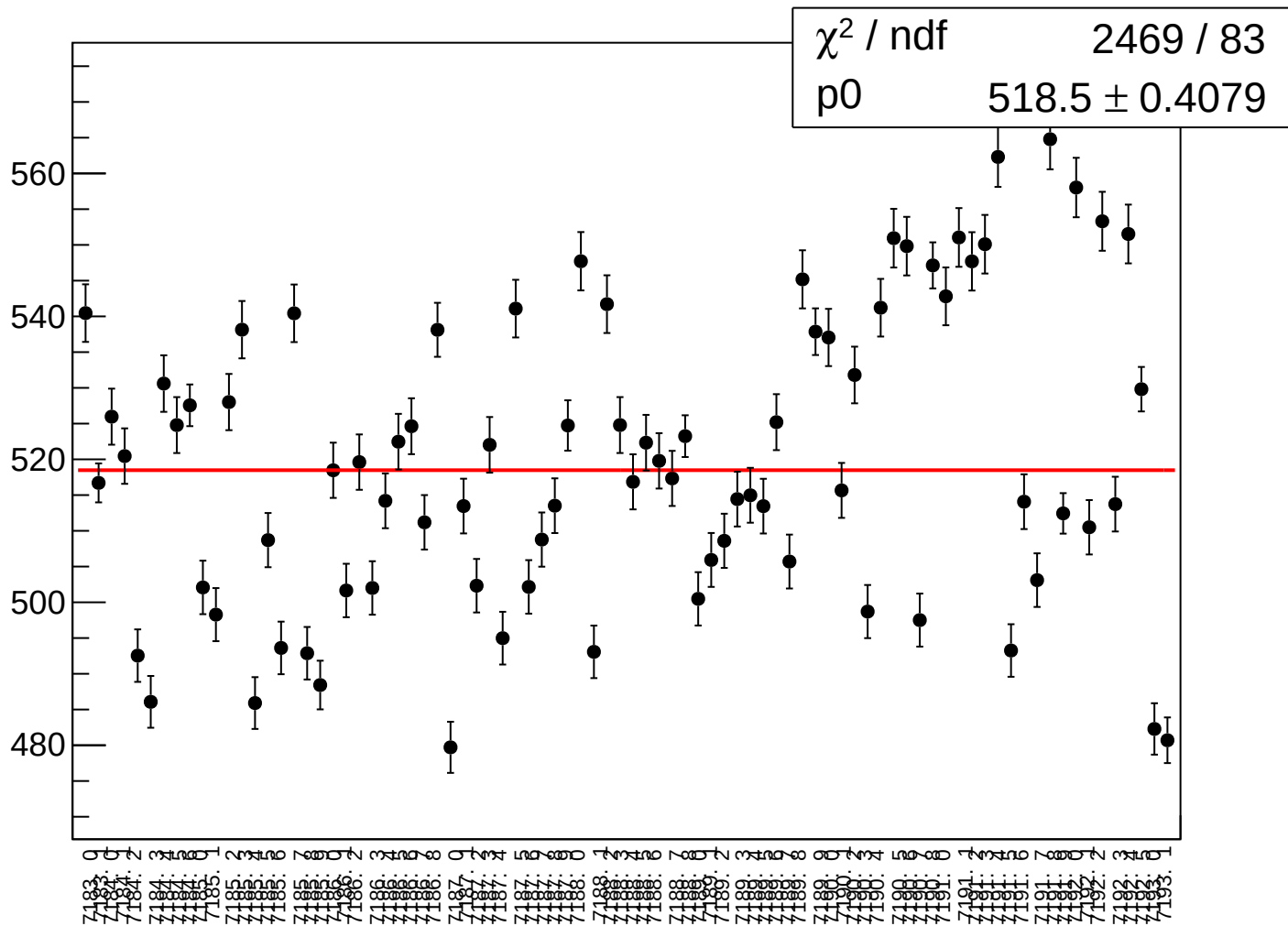
eigen_cor_asym_usl_atl1_dd_rms vs run



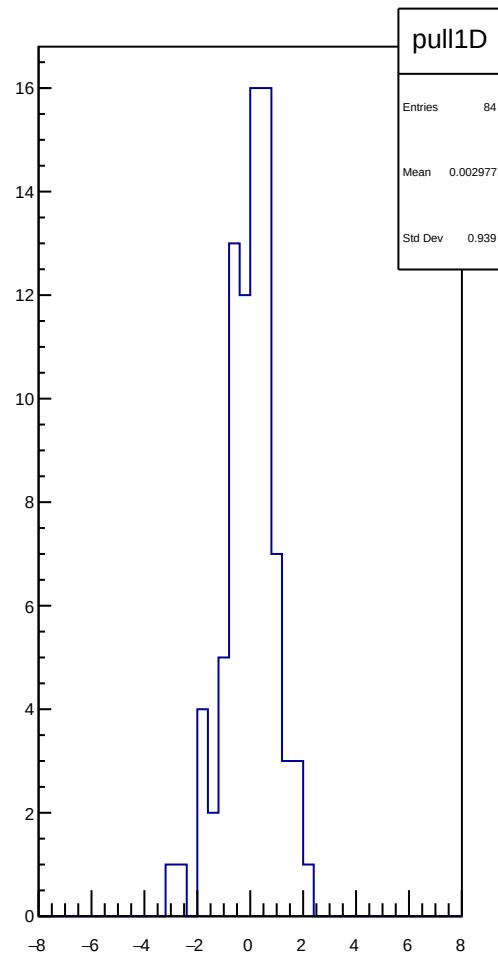
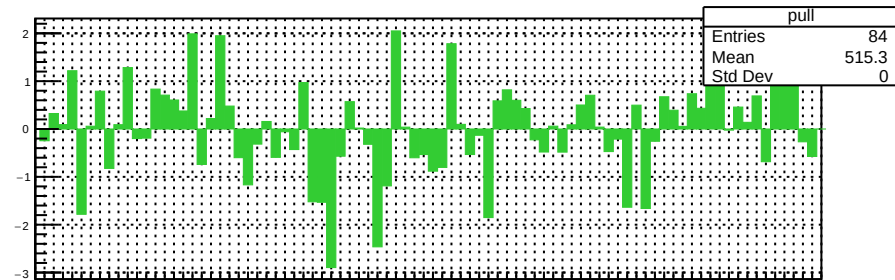
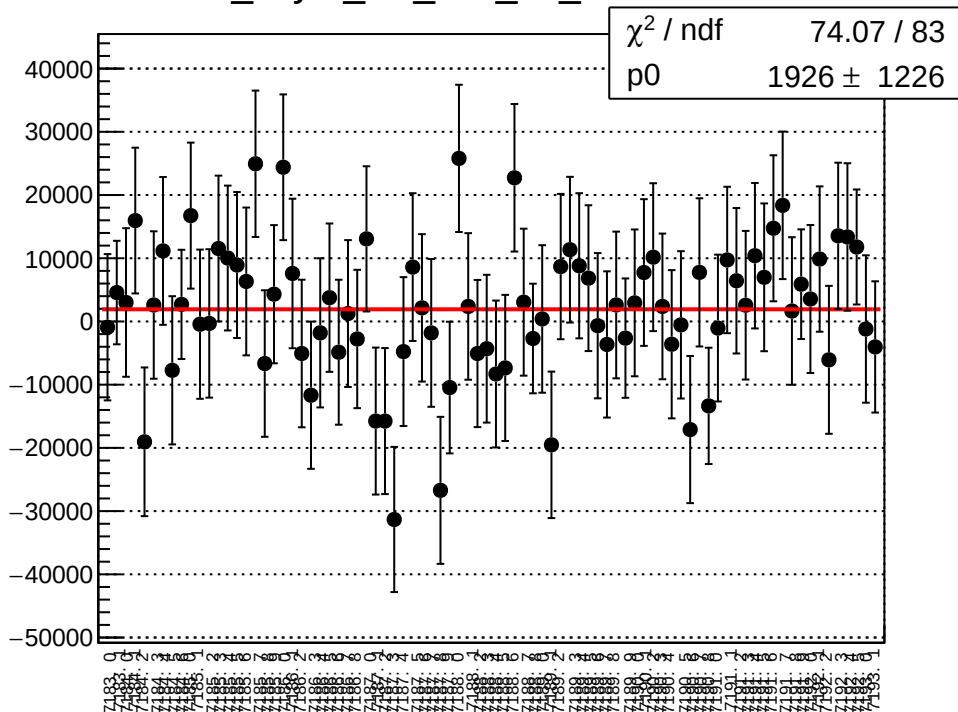
asym_usl_atl1_dd_eigen_cor_correction_mean vs run



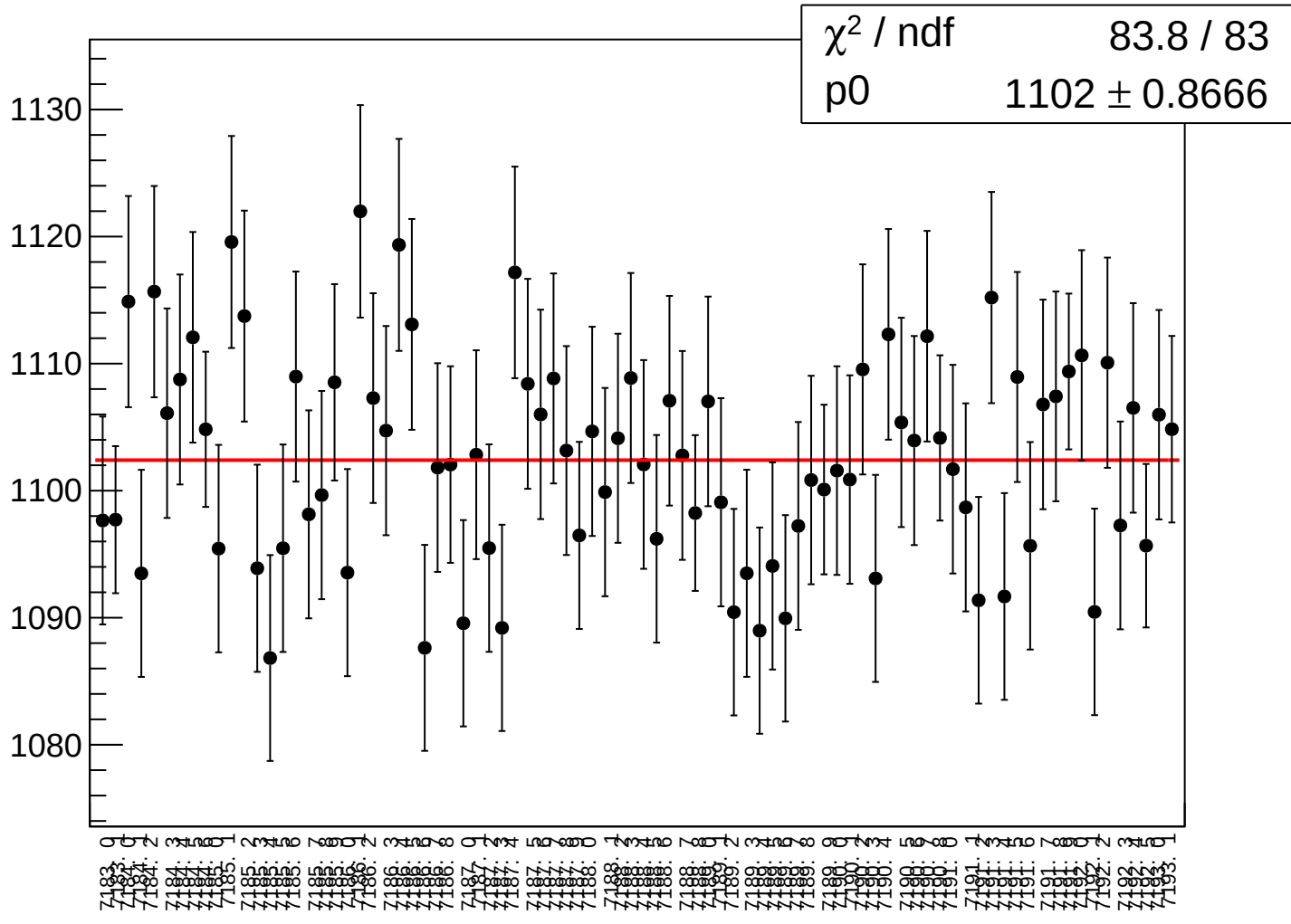
asym_usl_atl1_dd_eigen_cor_correction_rms vs run



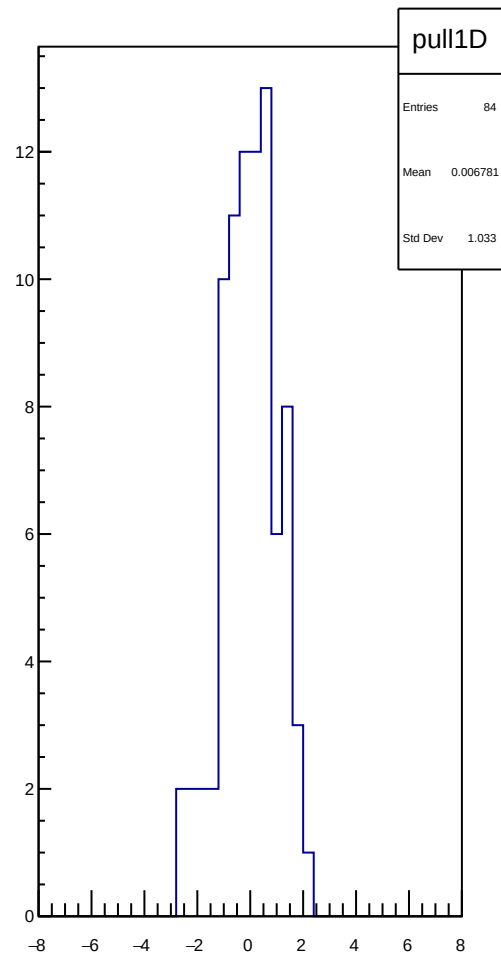
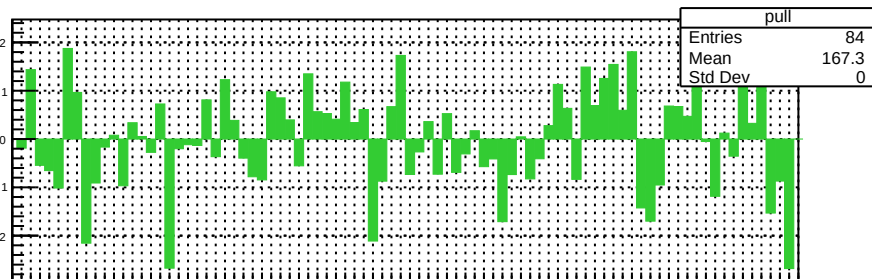
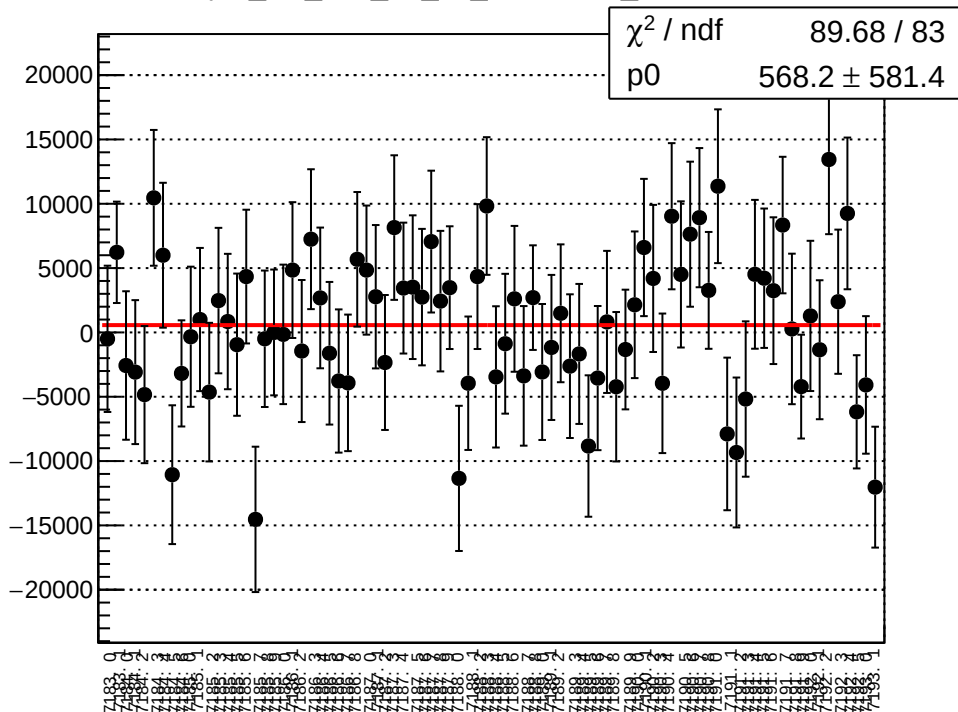
dit_asym_usl_atl1_dd_mean vs run



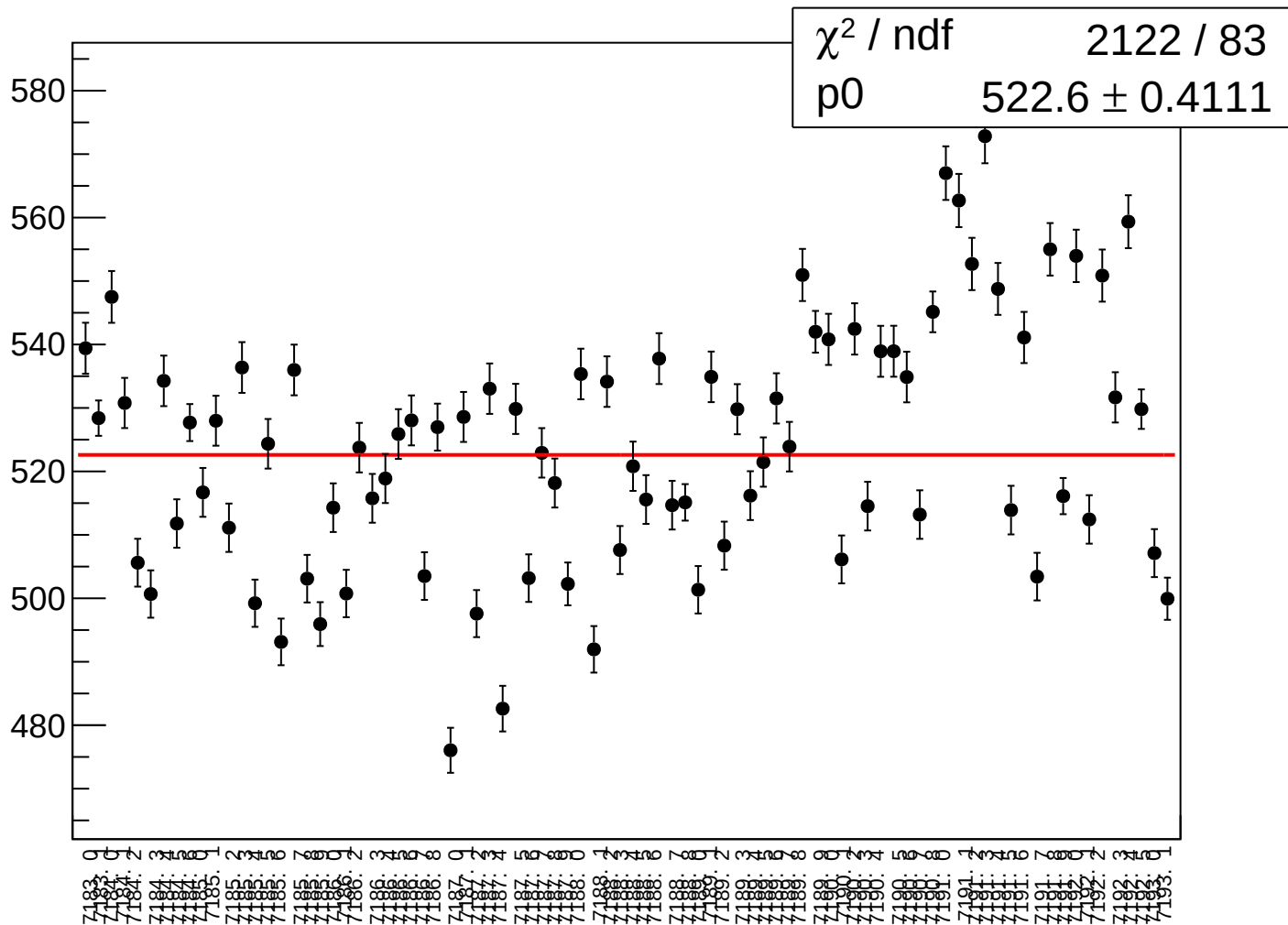
dit_asym_usl_atl1_dd_rms vs run



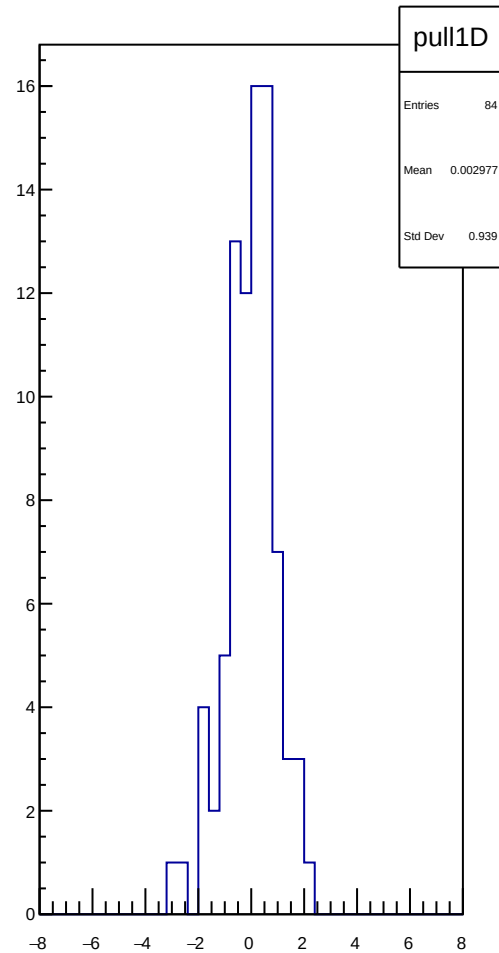
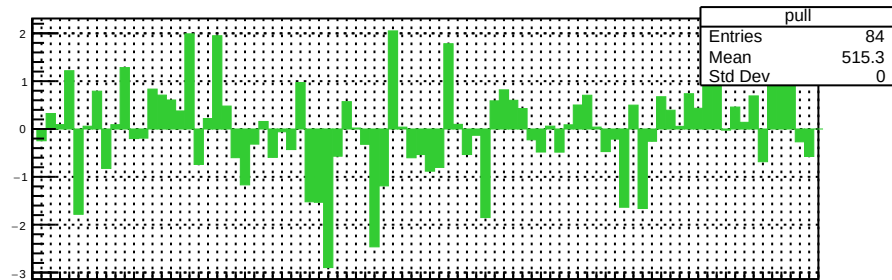
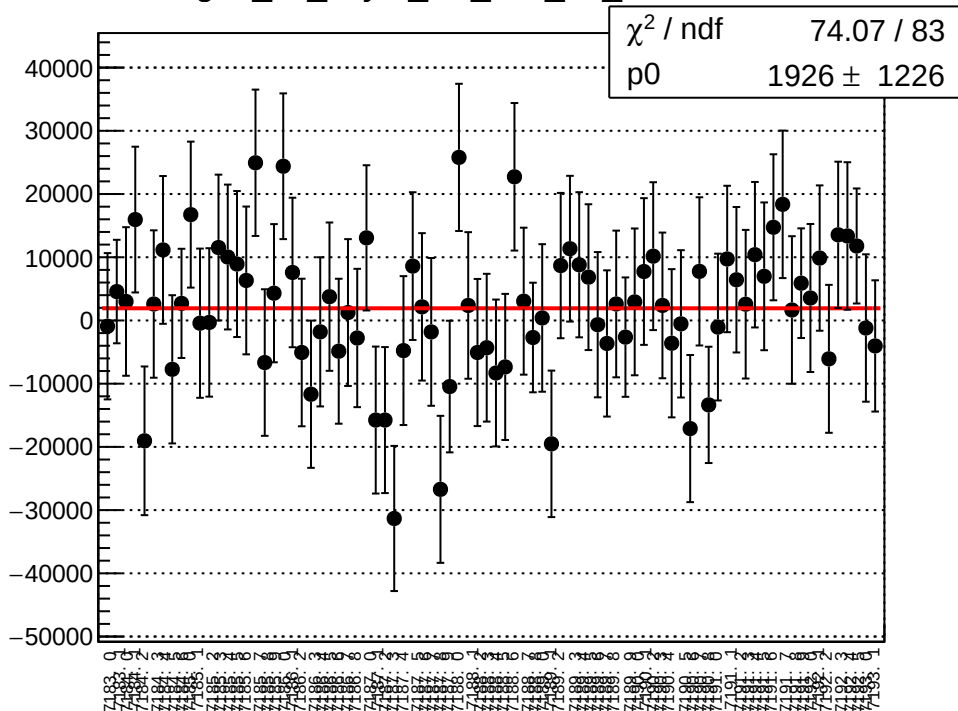
asym_usl_atl1_dd_dit_correction_mean vs run



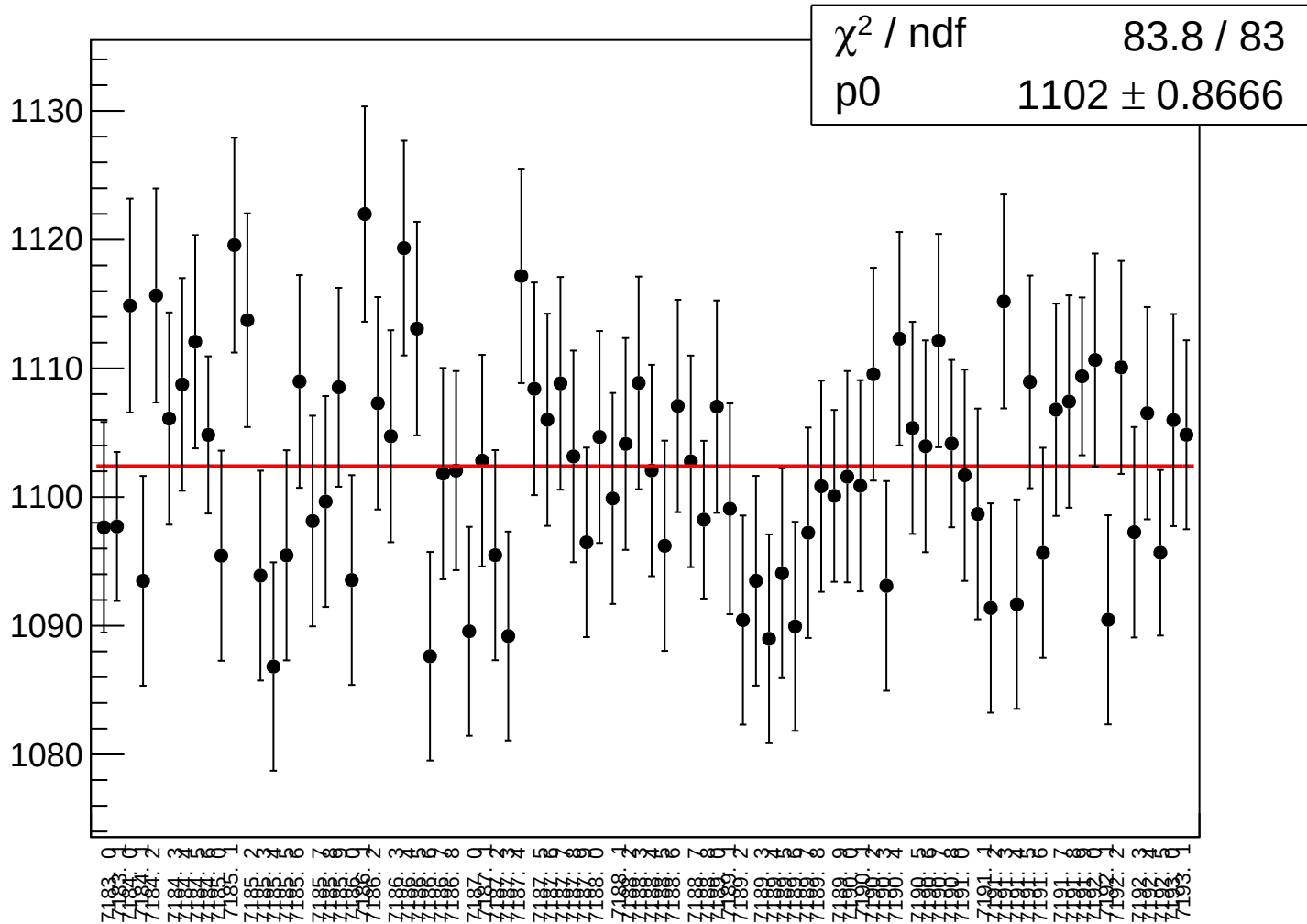
asym_usl_atl1_dd_dit_correction_rms vs run



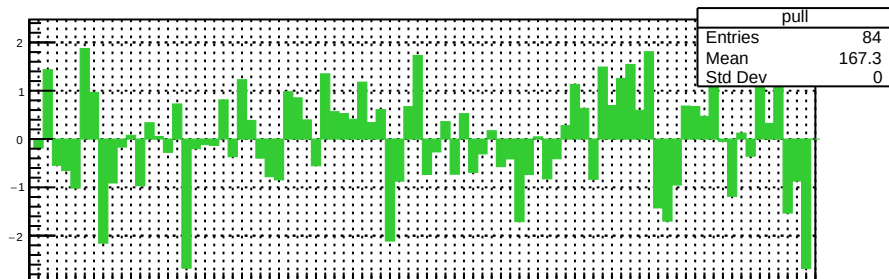
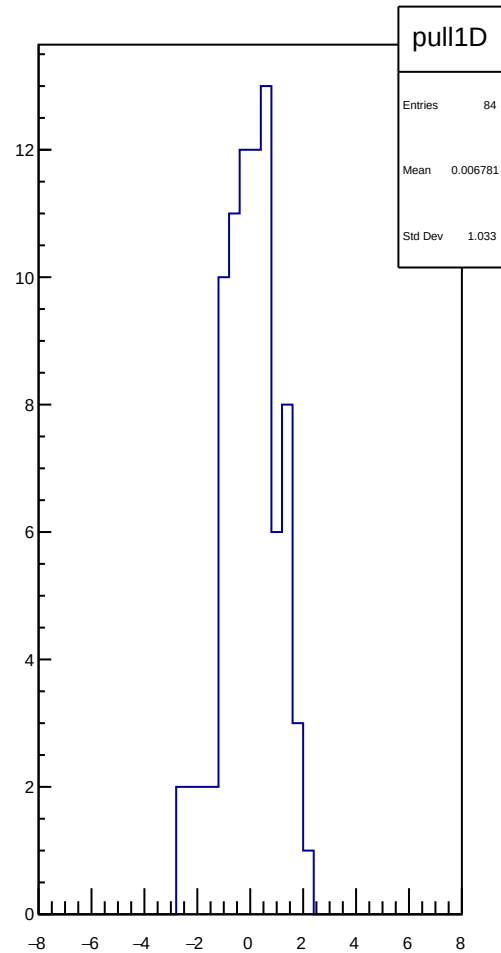
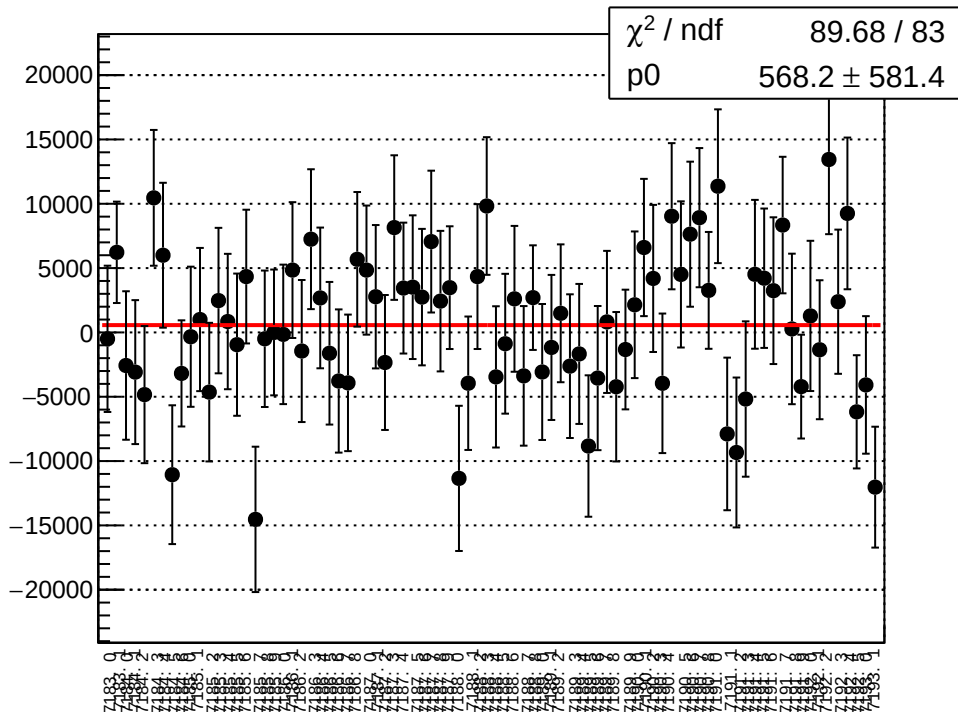
eigen_dit_asym_usl_atl1_dd_mean vs run



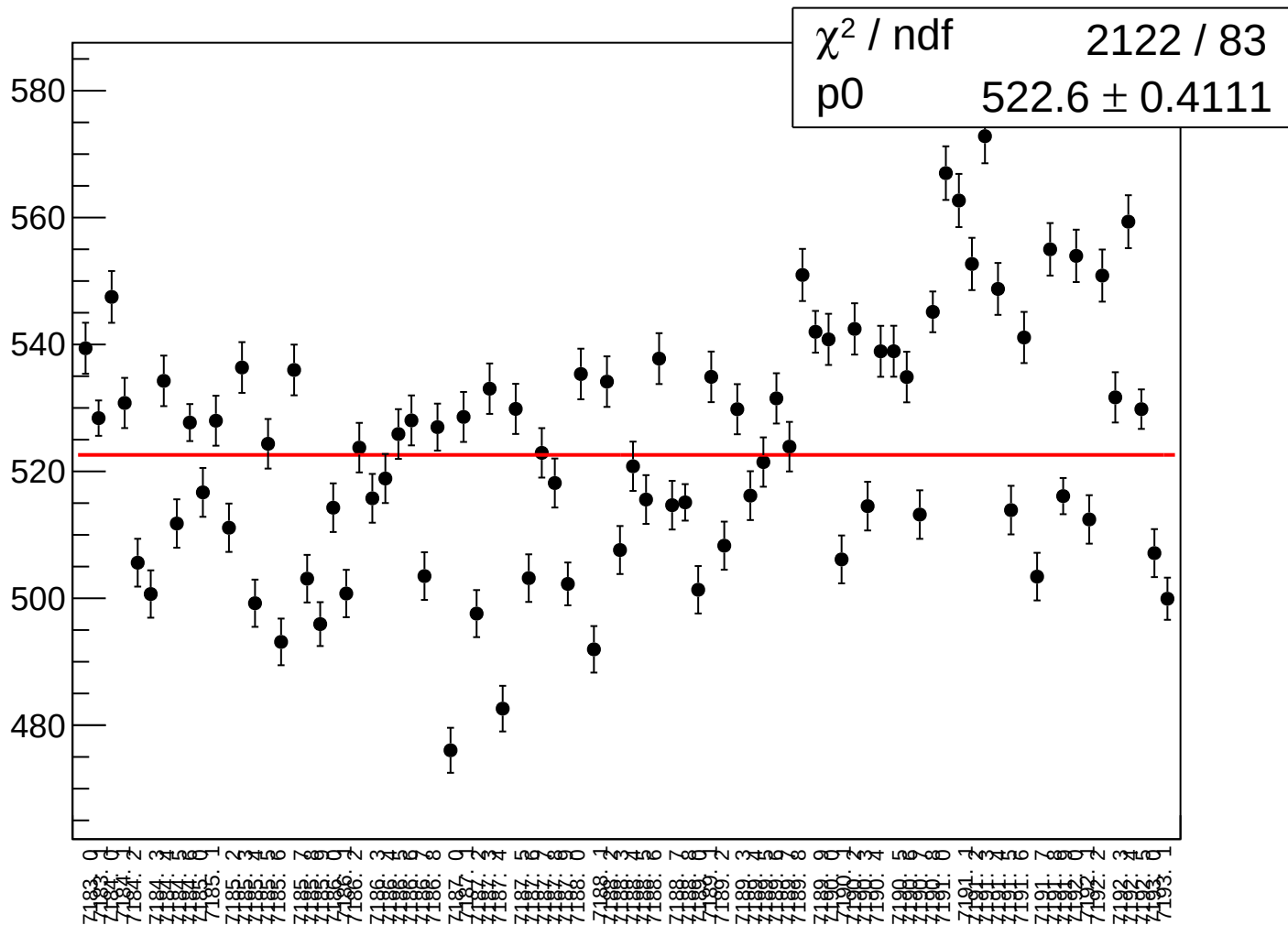
eigen_dit_asym_usl_atl1_dd_rms vs run



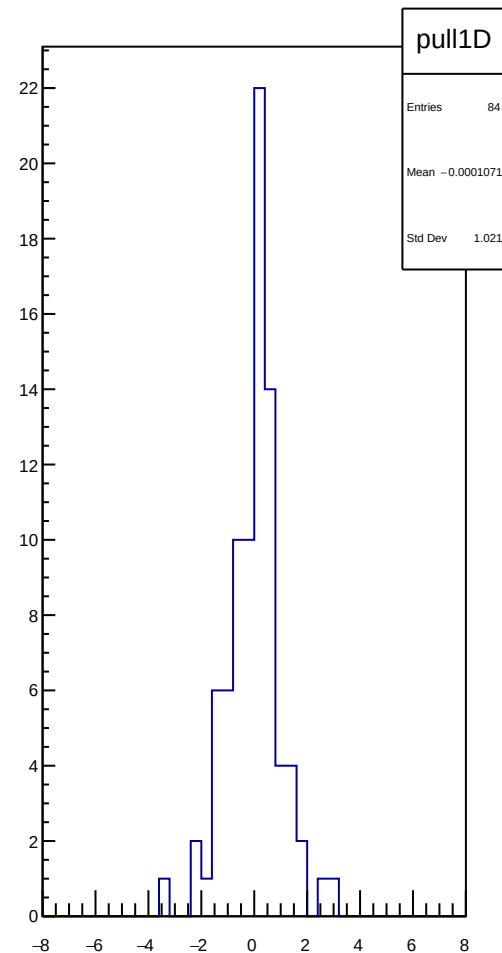
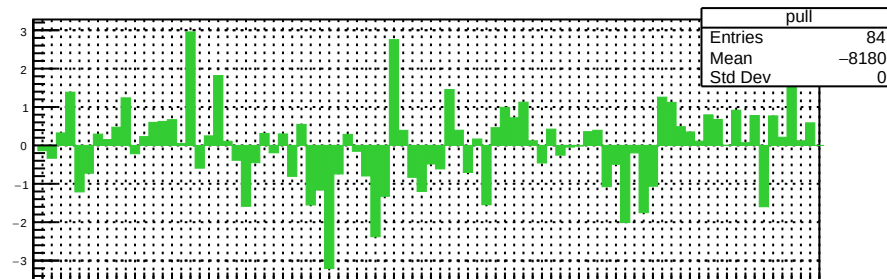
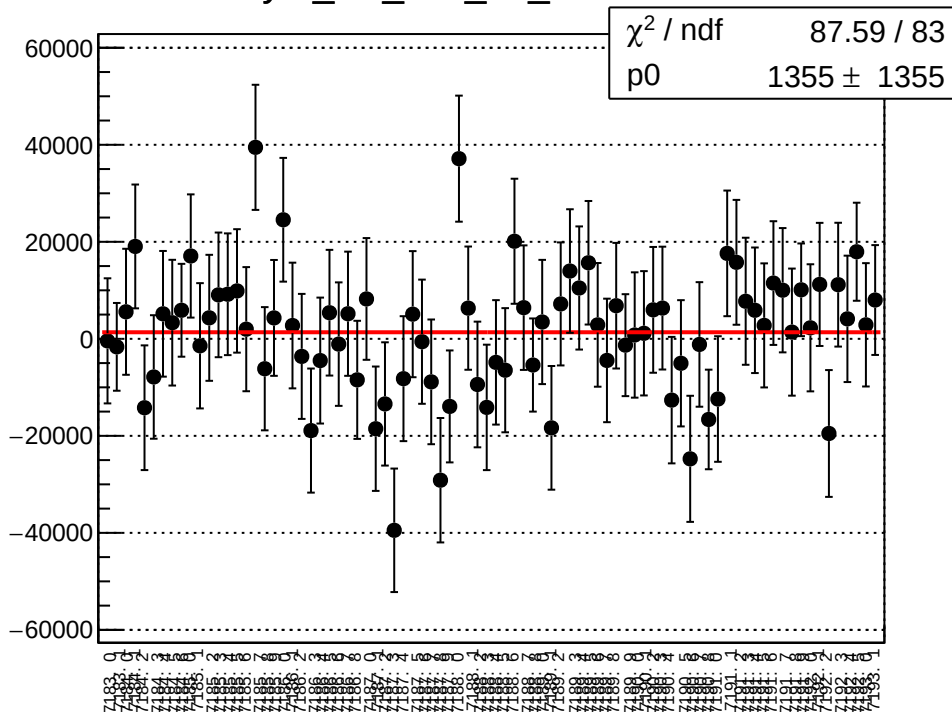
asym_usl_atl1_dd_eigen_dit_correction_mean vs run



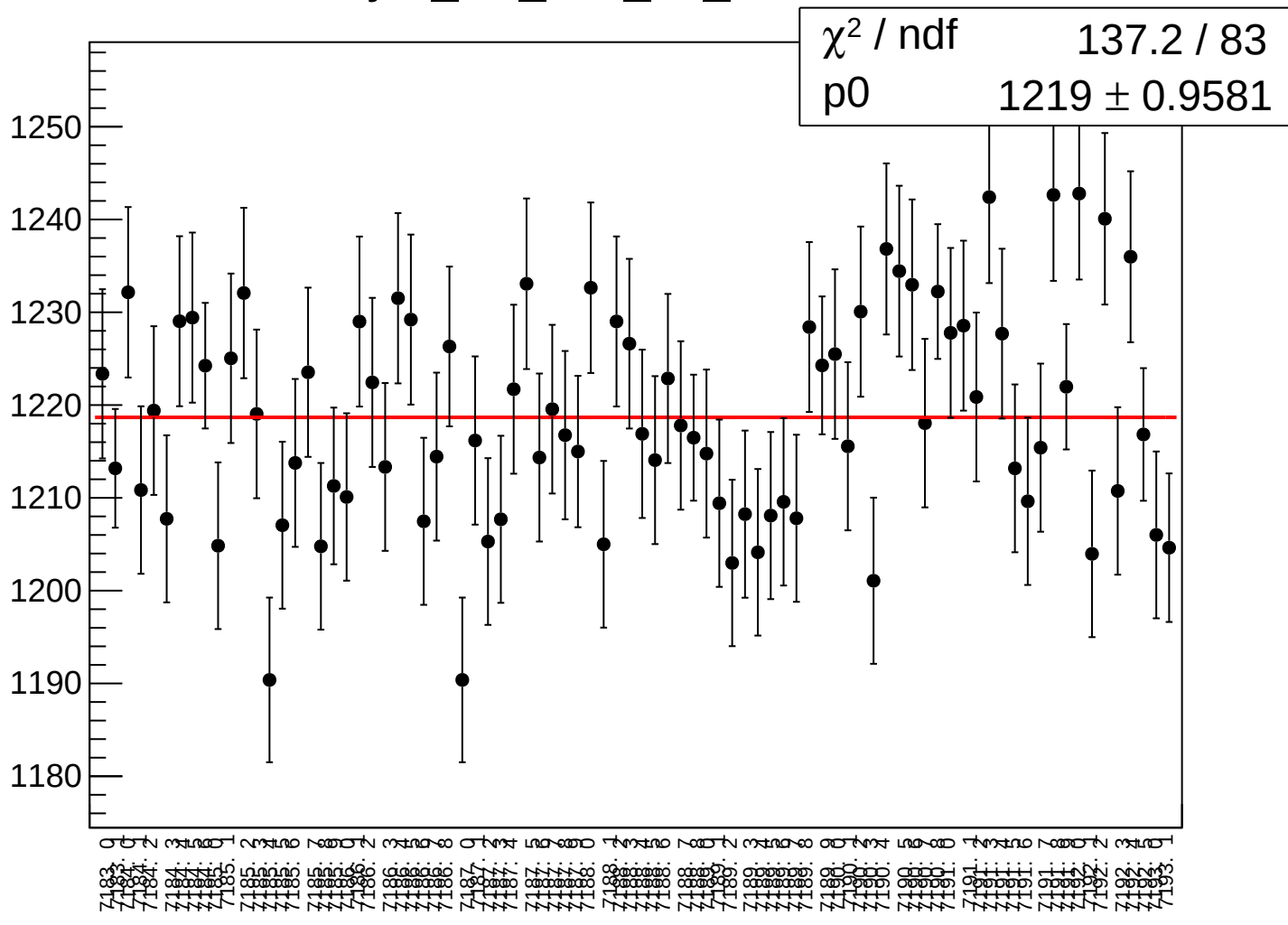
asym_usl_atl1_dd_eigen_dit_correction_rms vs run



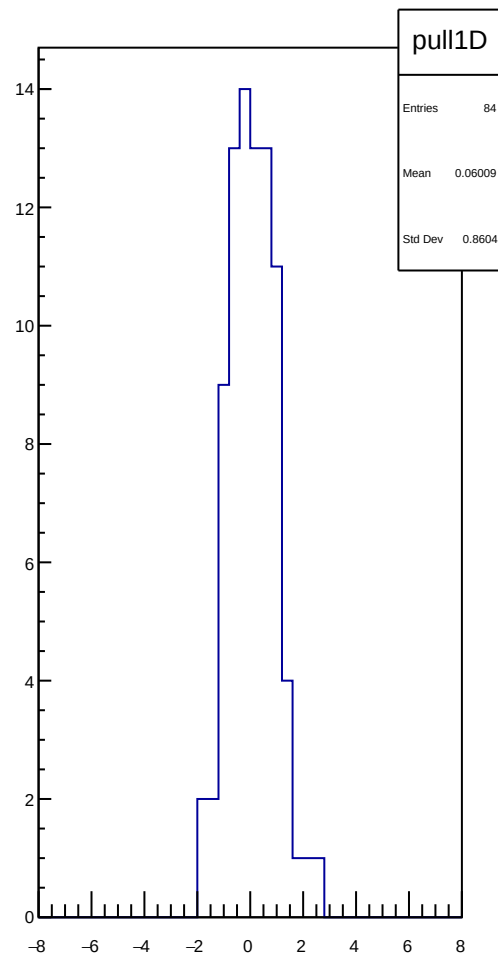
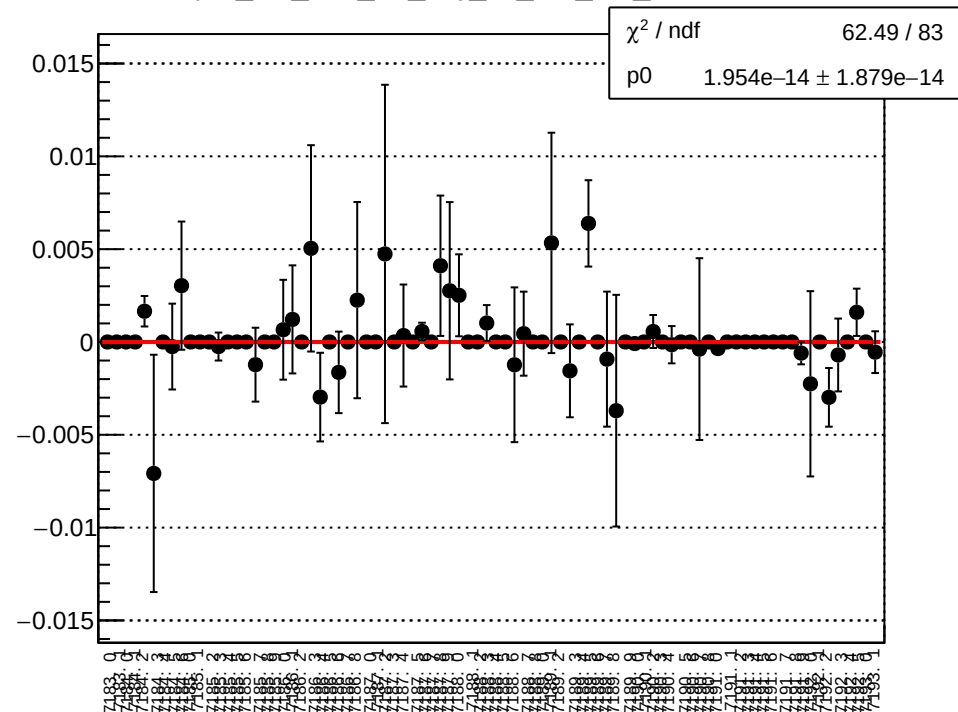
asym_usl_atl1_dd_mean vs run



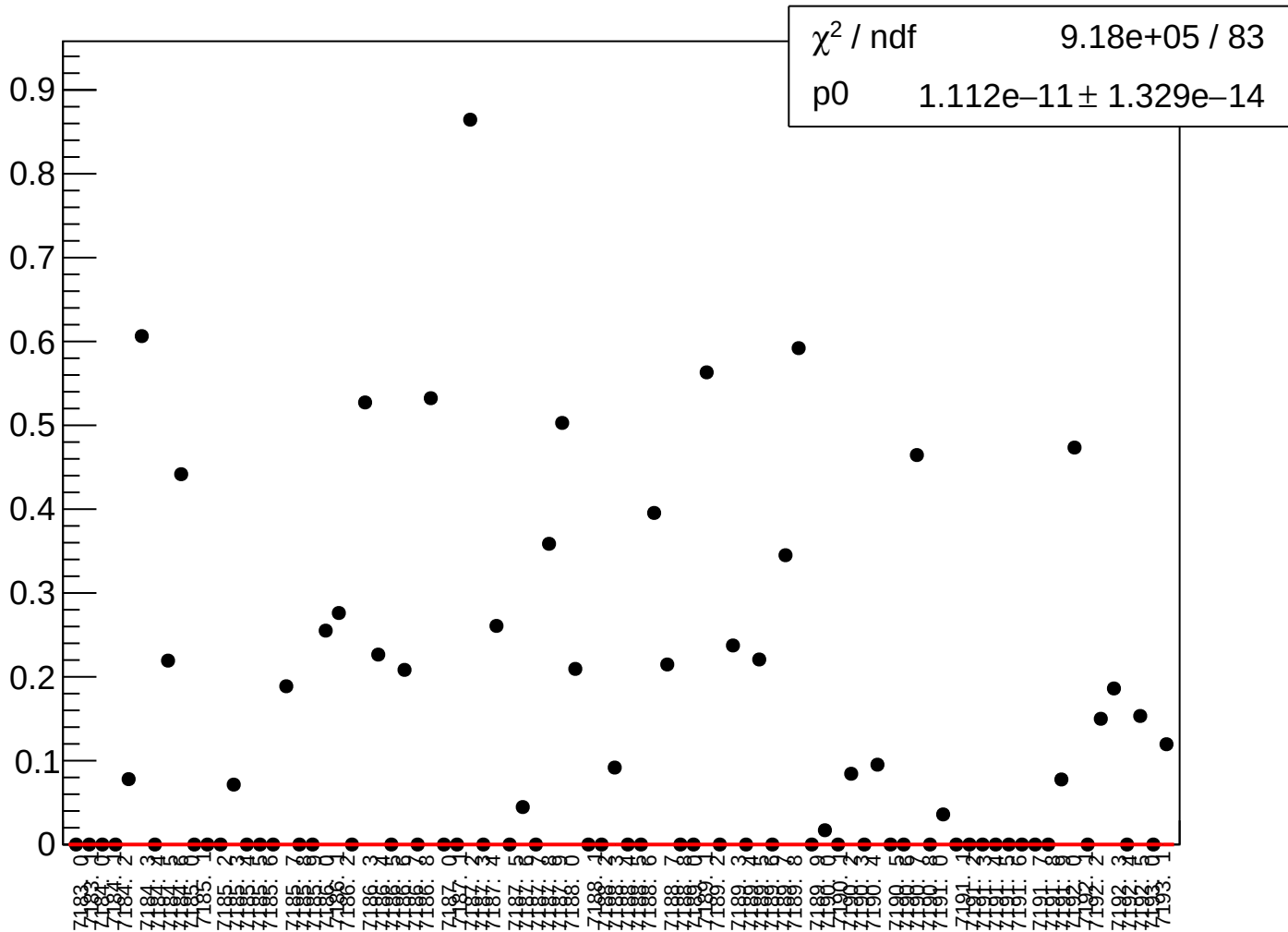
asym_usl_atl1_dd_rms vs run



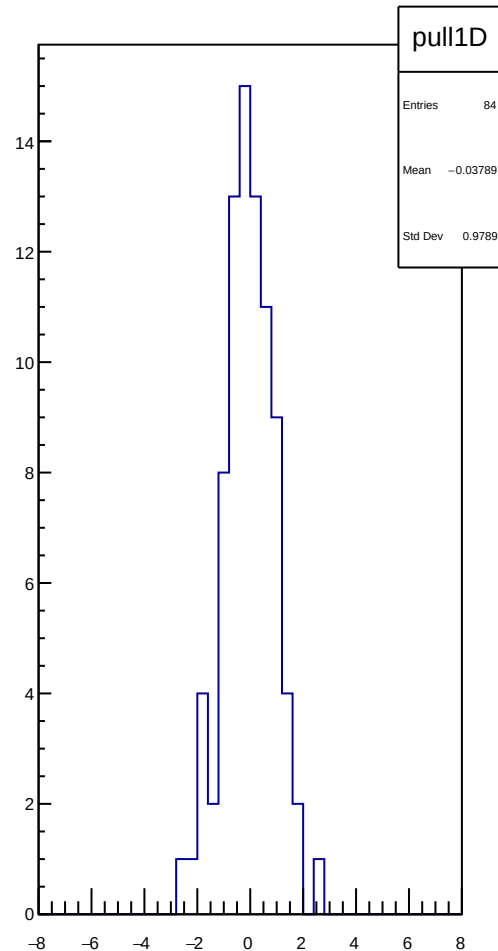
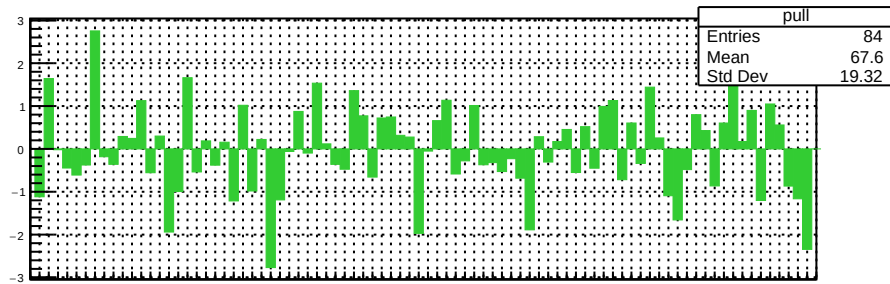
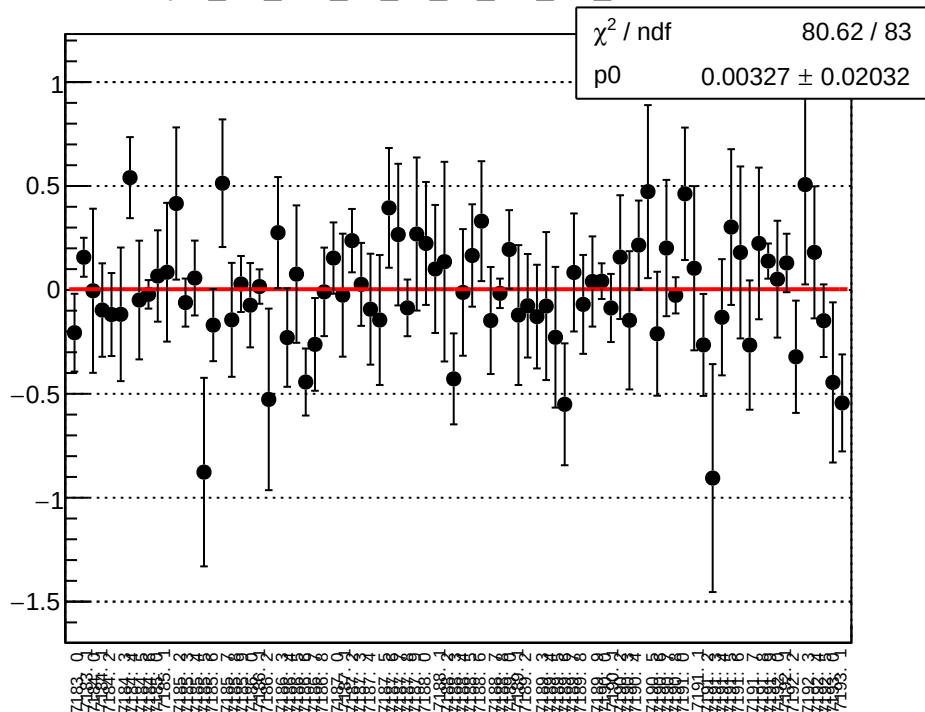
asym_usl_atl1_dd_reg_vs_cor_diff_mean vs run



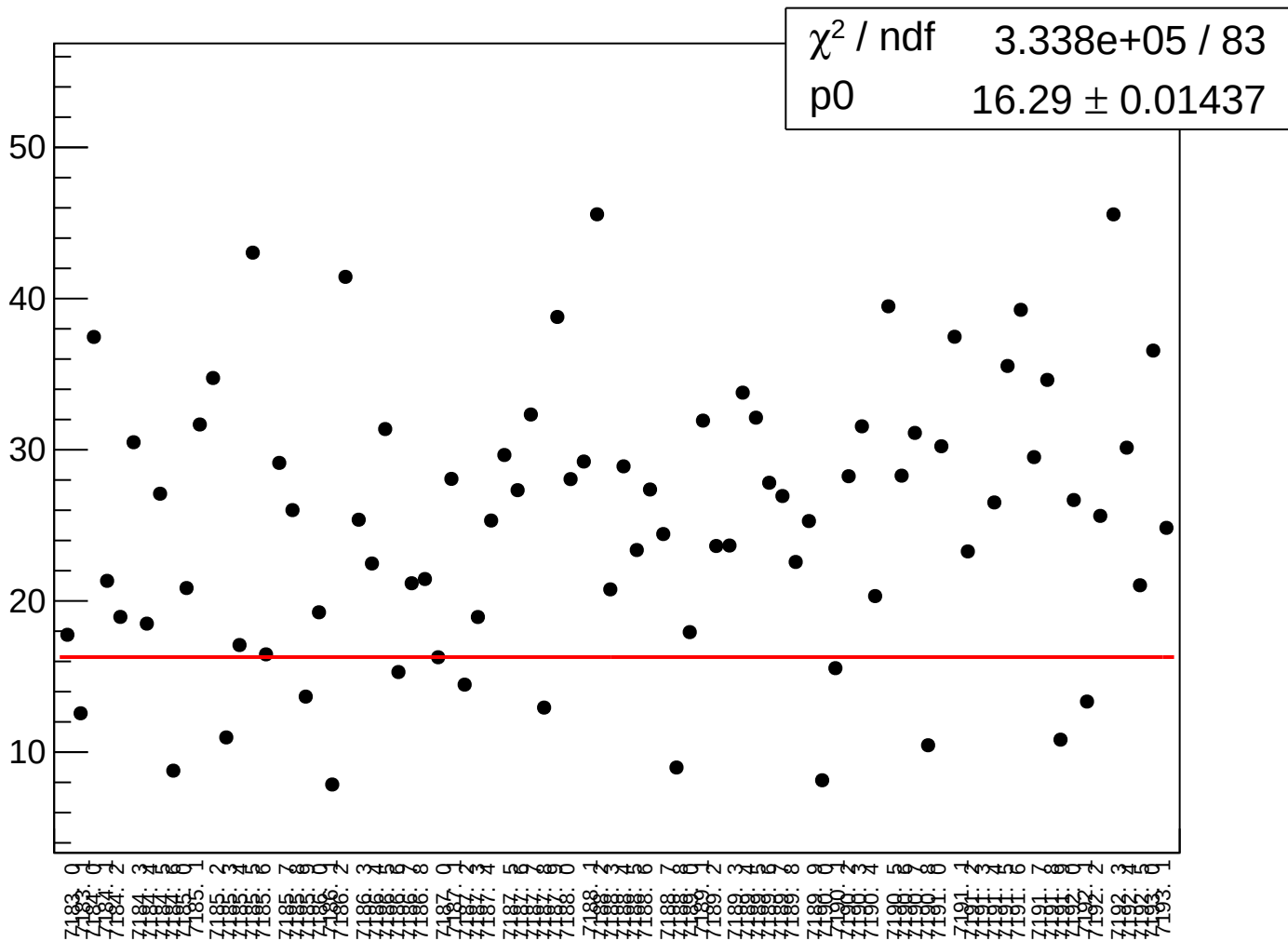
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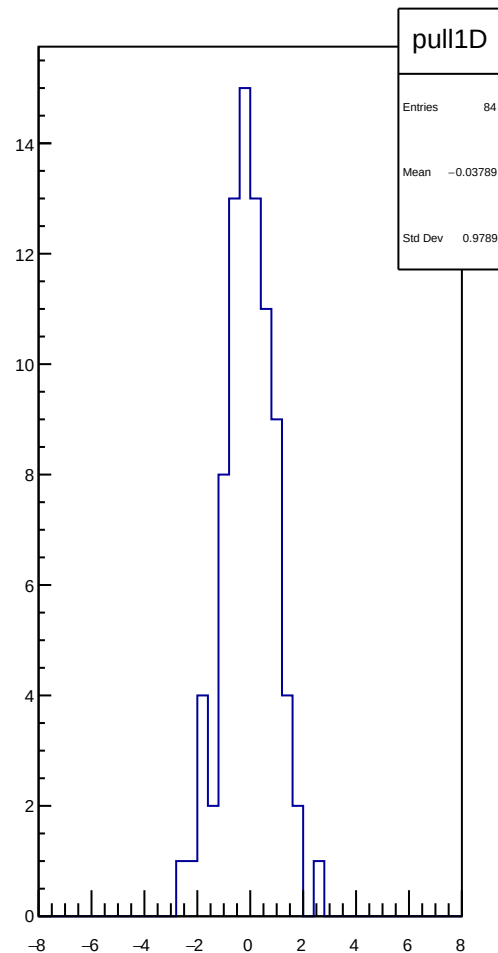
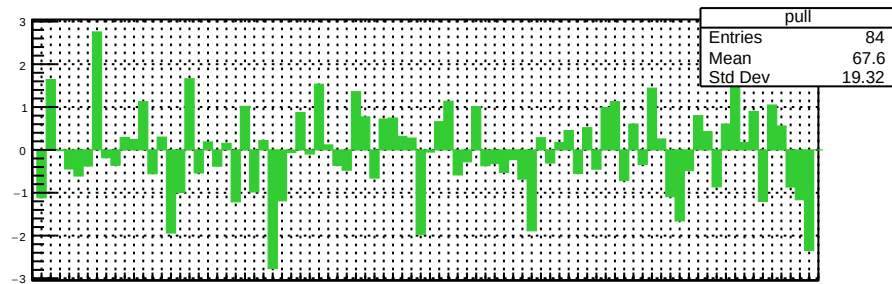
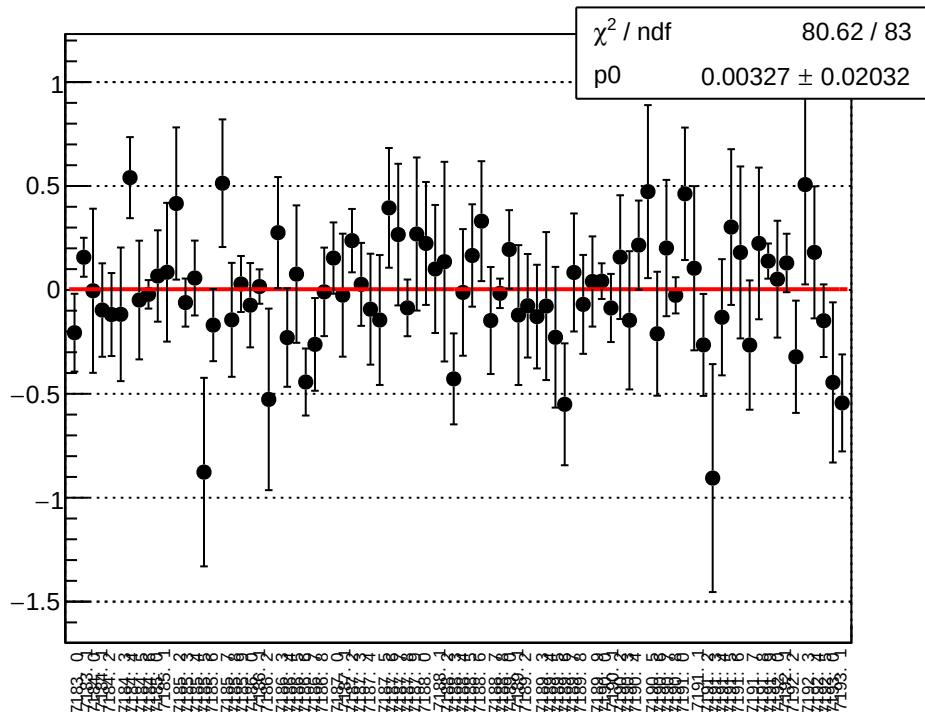
asym_usl_atl1_dd_dit_vs_cor_diff_mean vs run



asym_usl_atl1_dd_dit_vs_cor_diff_rms vs run

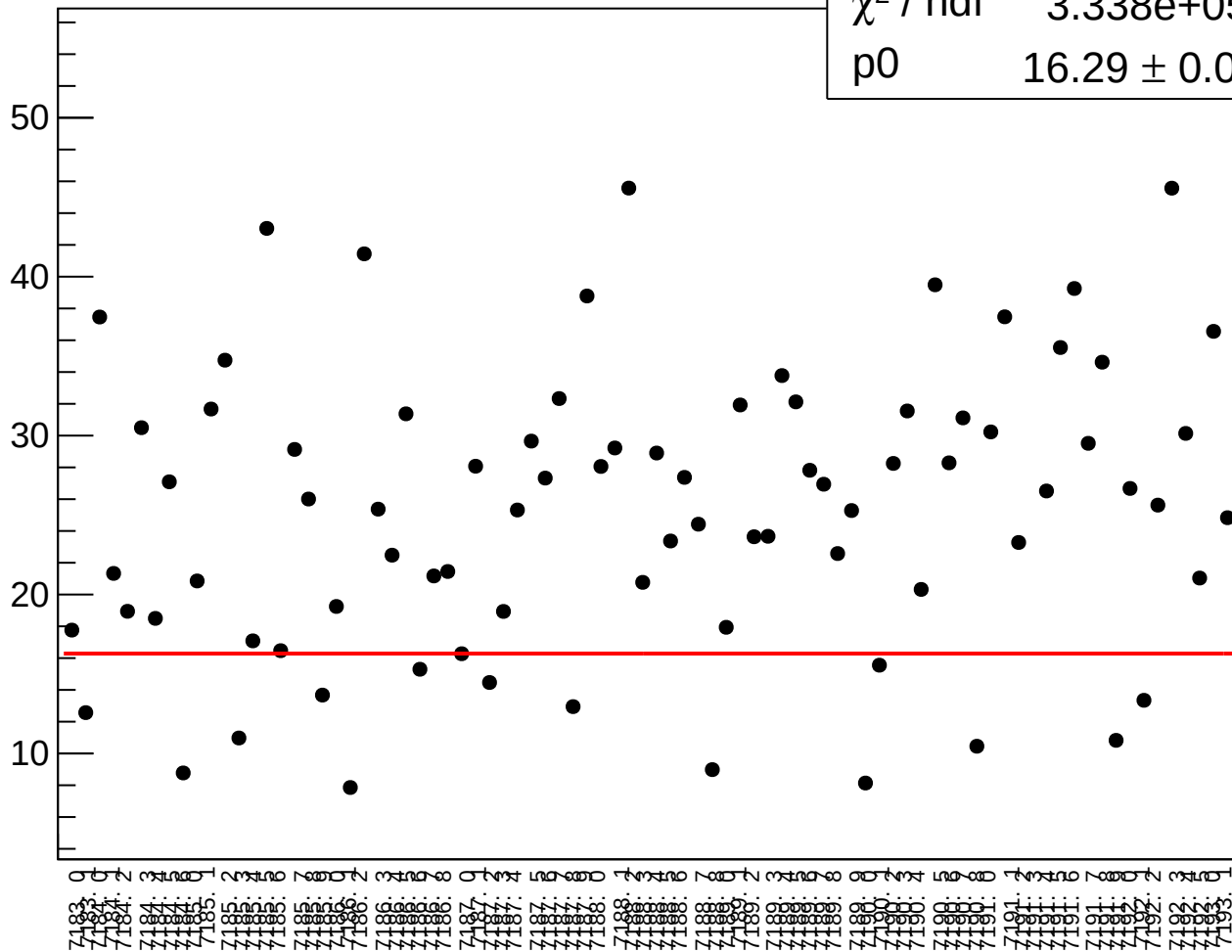


asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs run

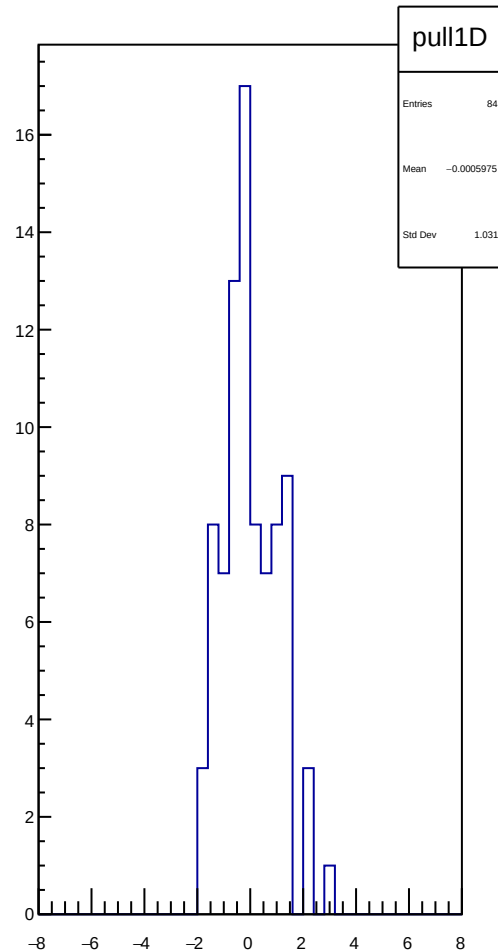
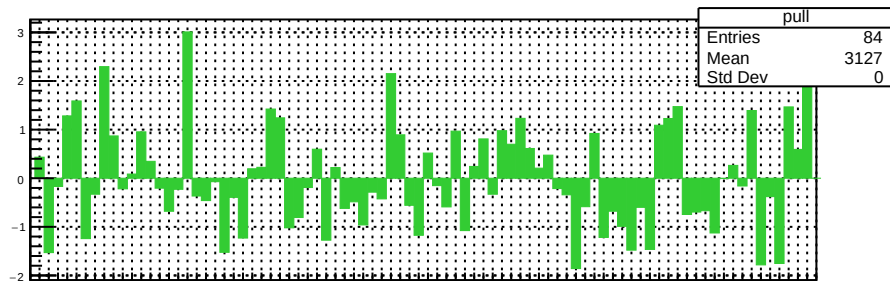
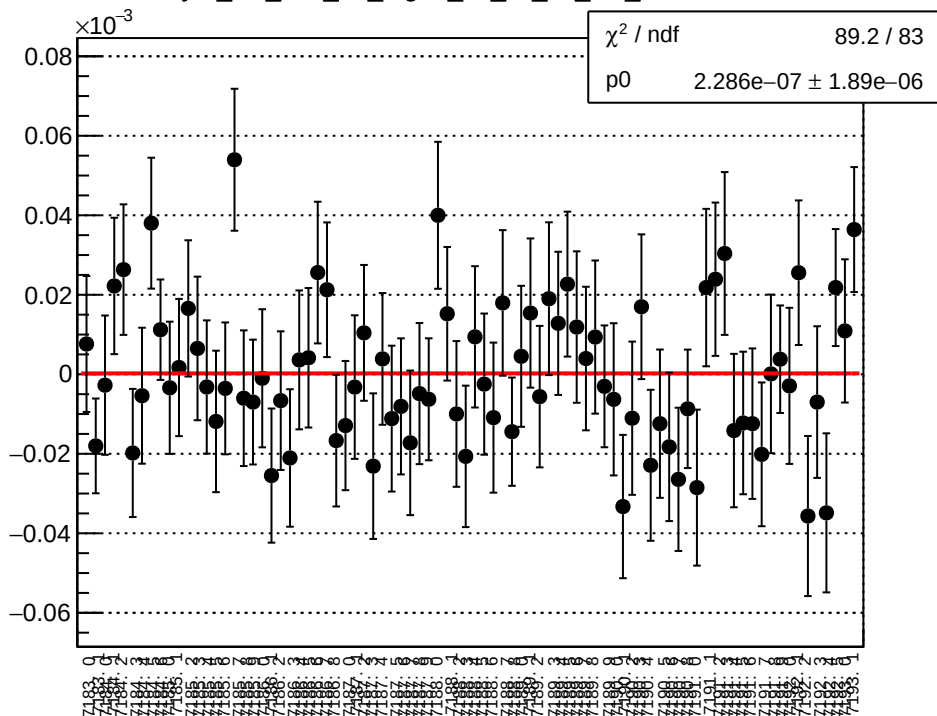


asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs run

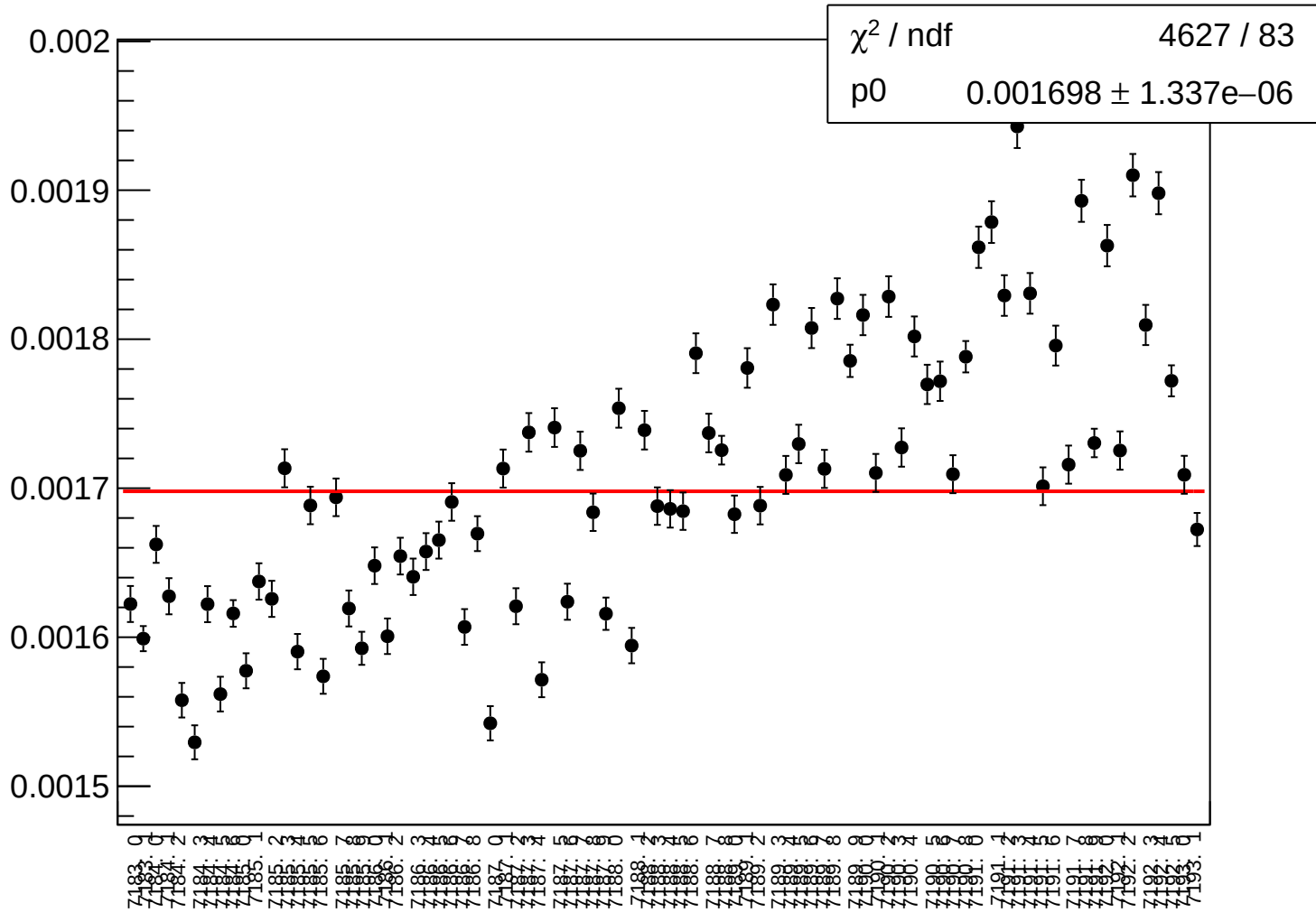
χ^2 / ndf 3.338e+05 / 83
p0 16.29 $\pm$ 0.01437



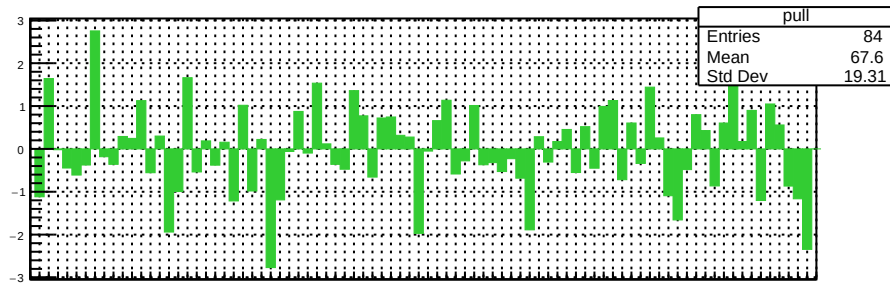
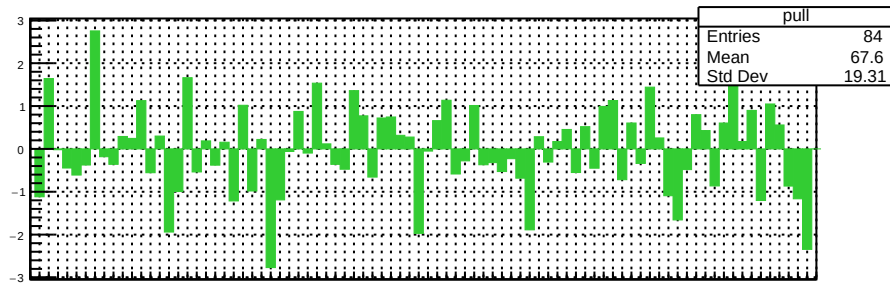
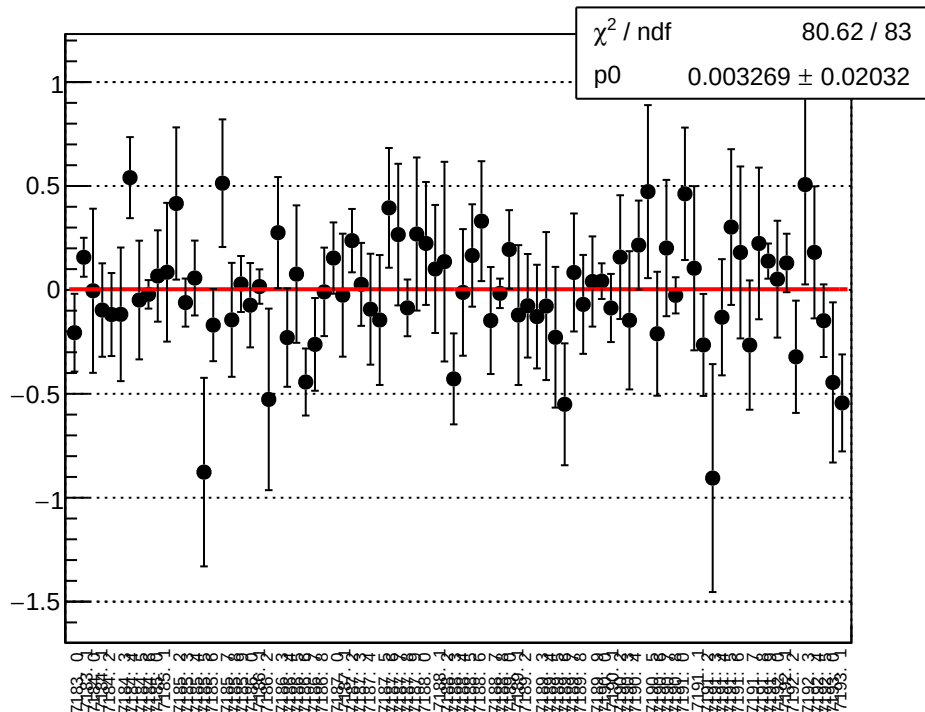
asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs run



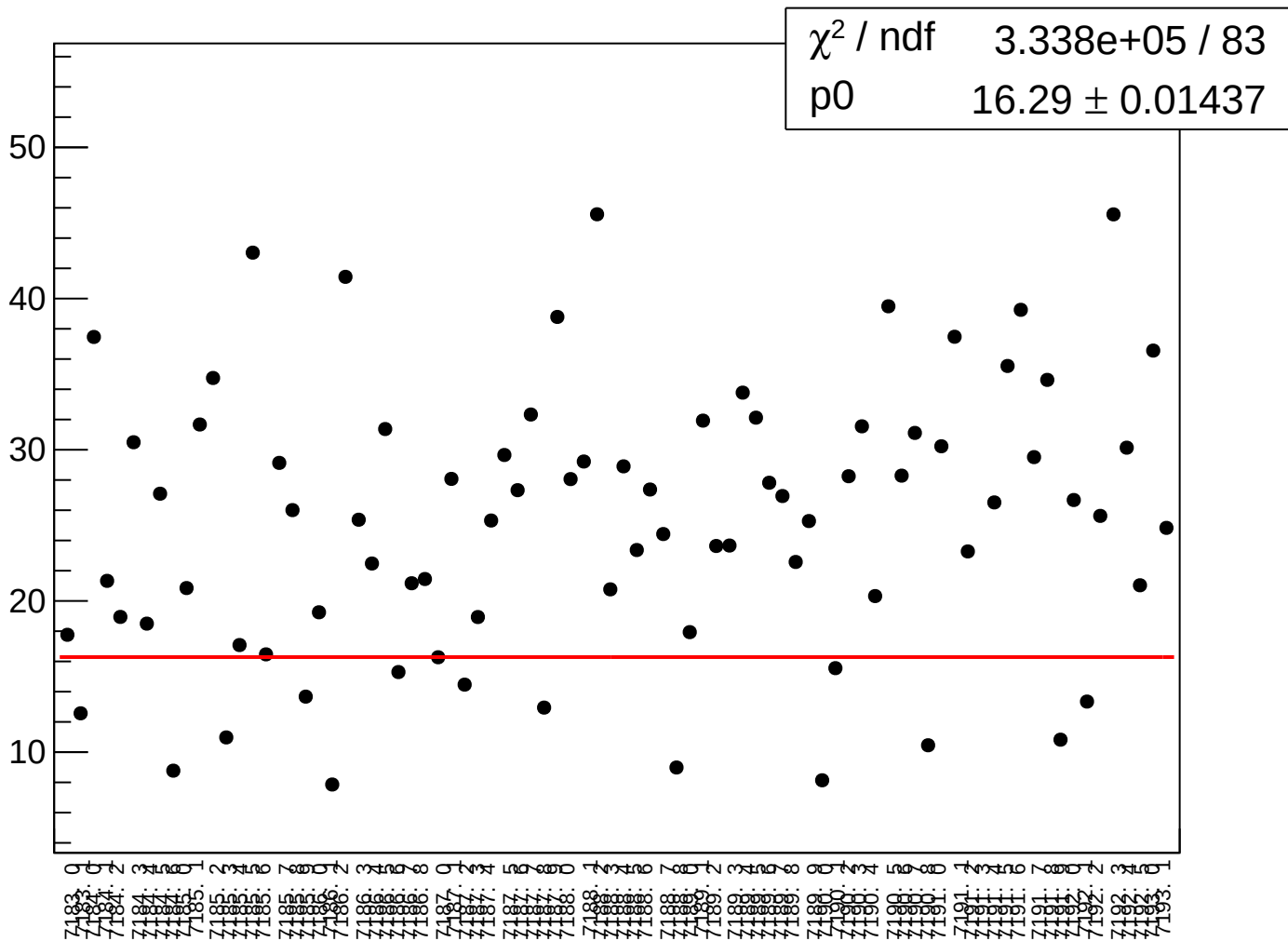
asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs run



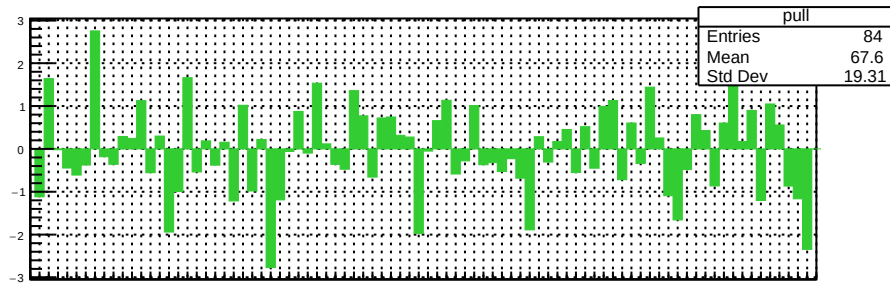
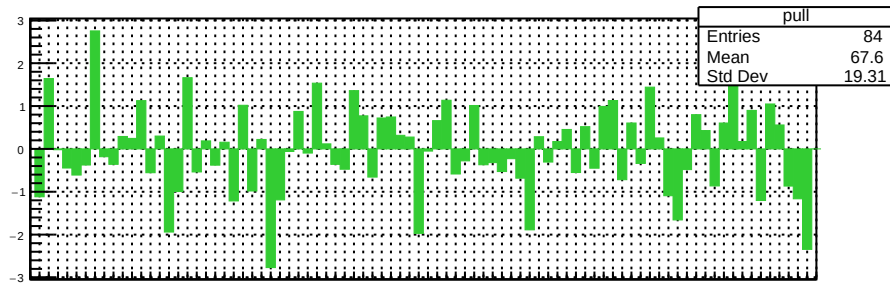
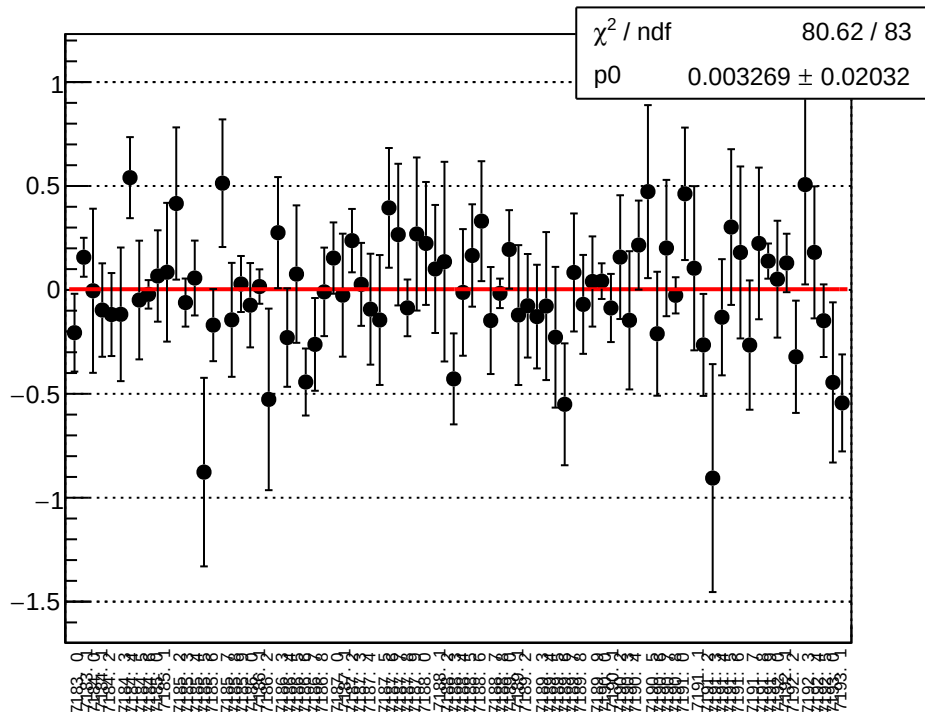
asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs run



asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs run

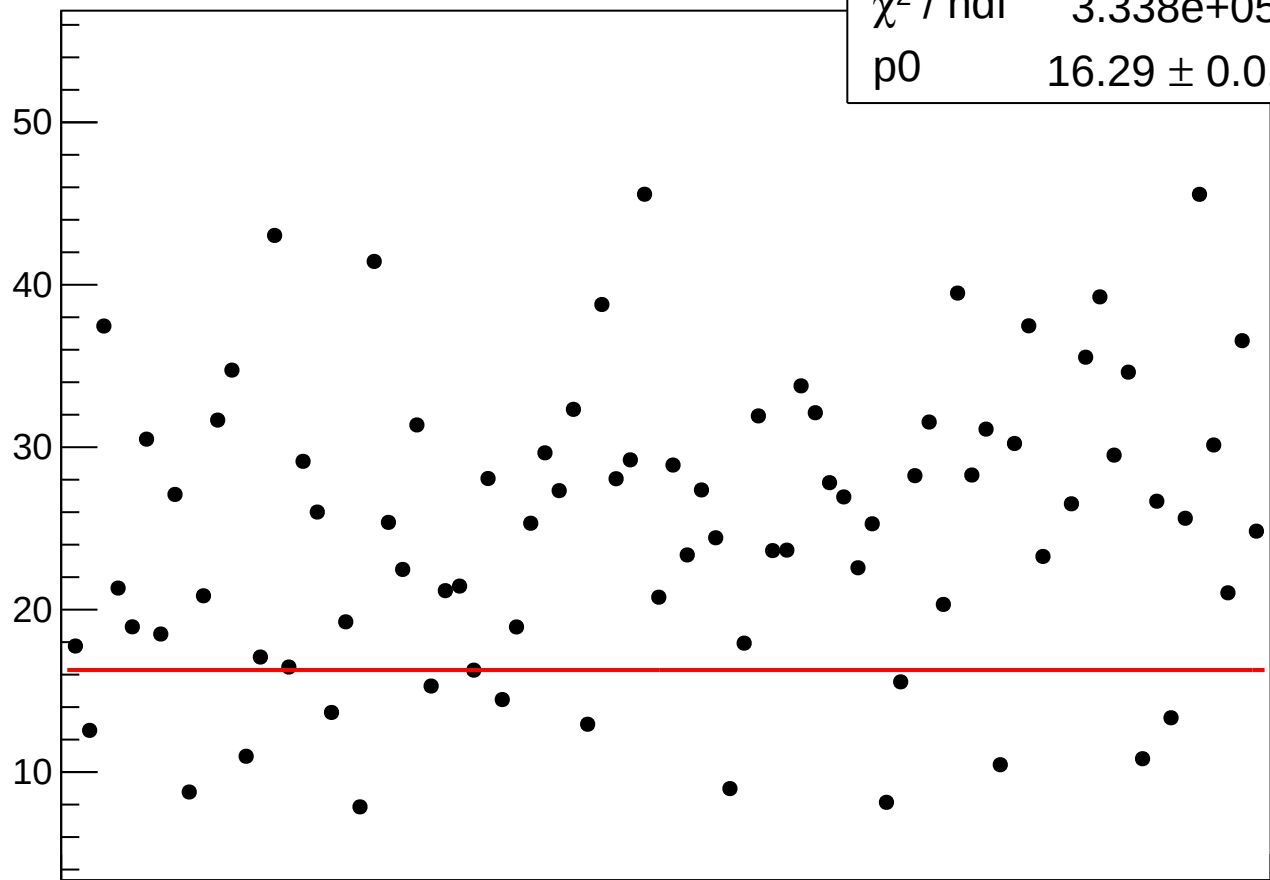


asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



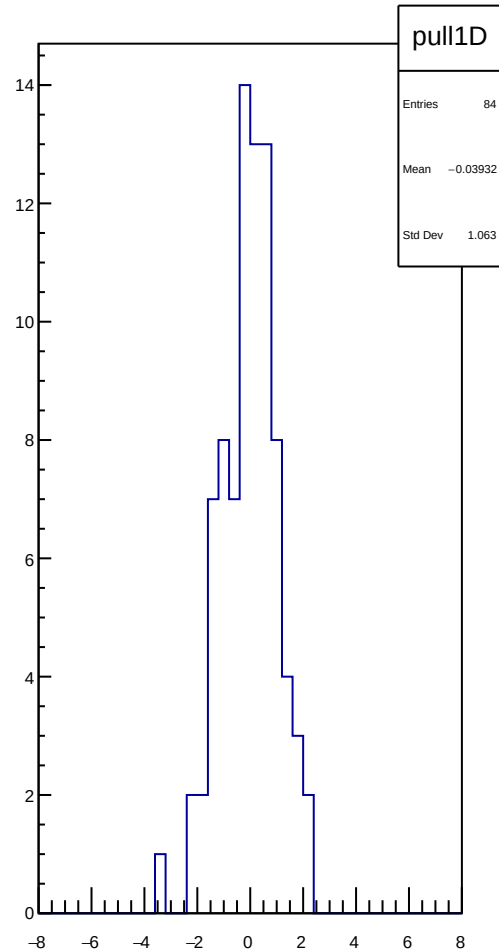
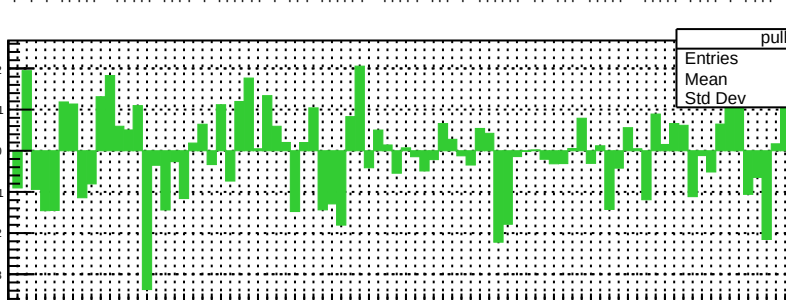
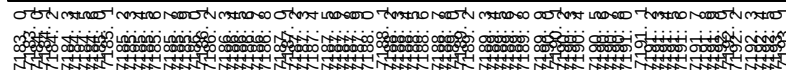
asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs run

χ^2 / ndf	3.338e+05 / 83
p0	16.29 ± 0.01437

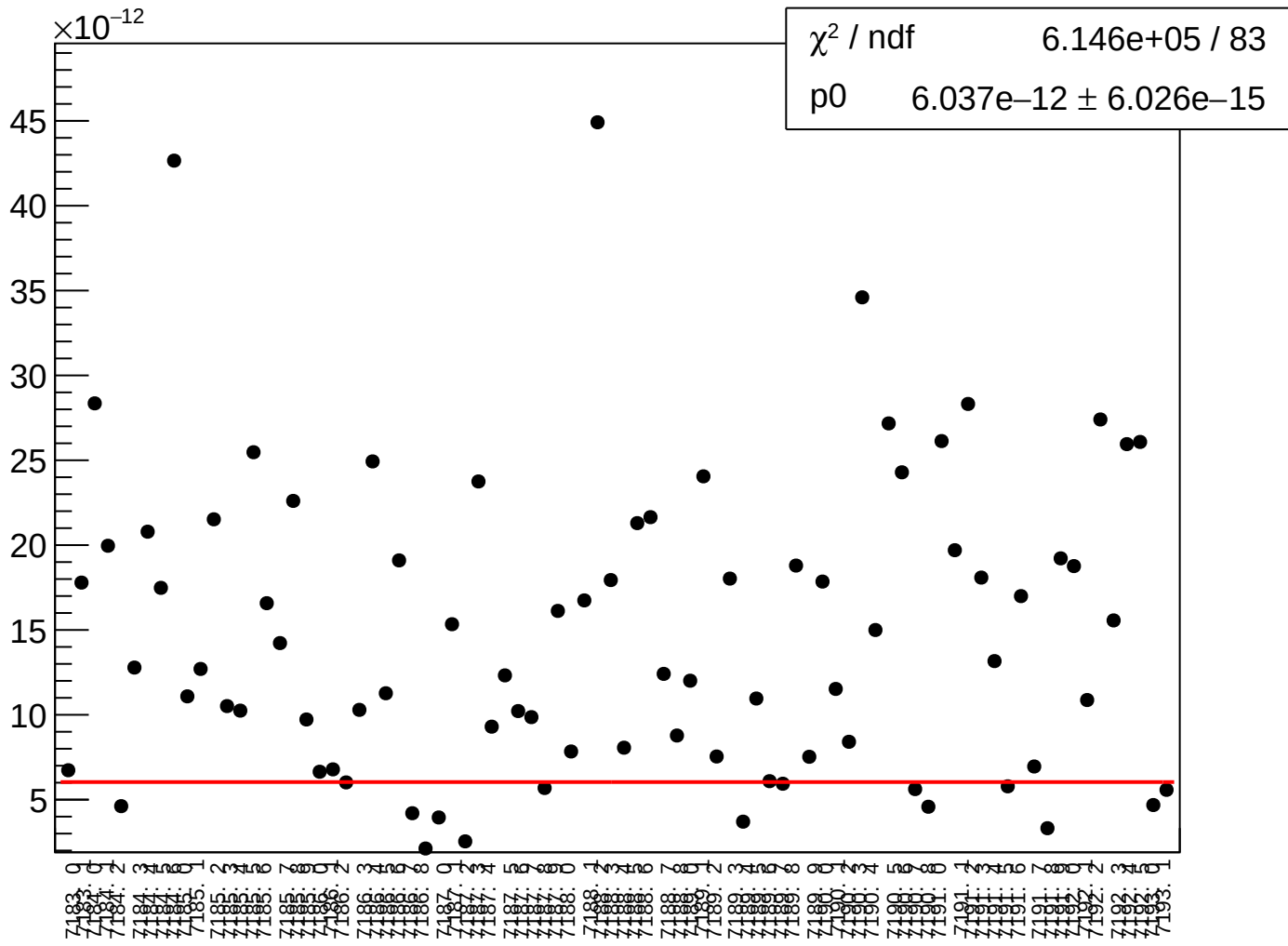


7183 7184 7185 7186 7187 7188 7189 7190 7191 7192 7193

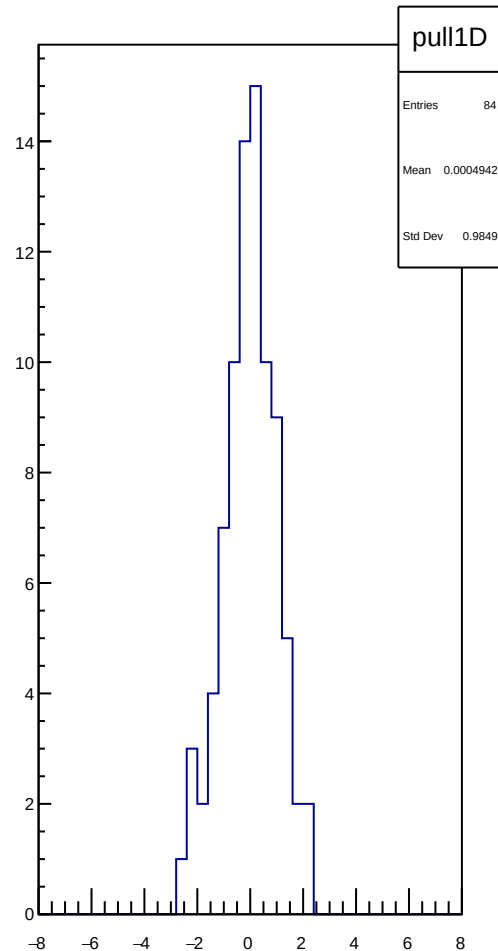
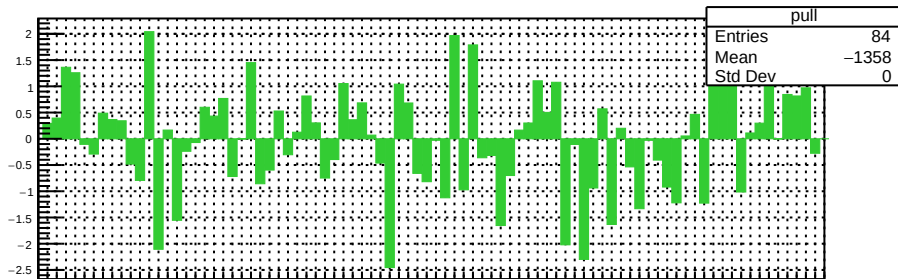
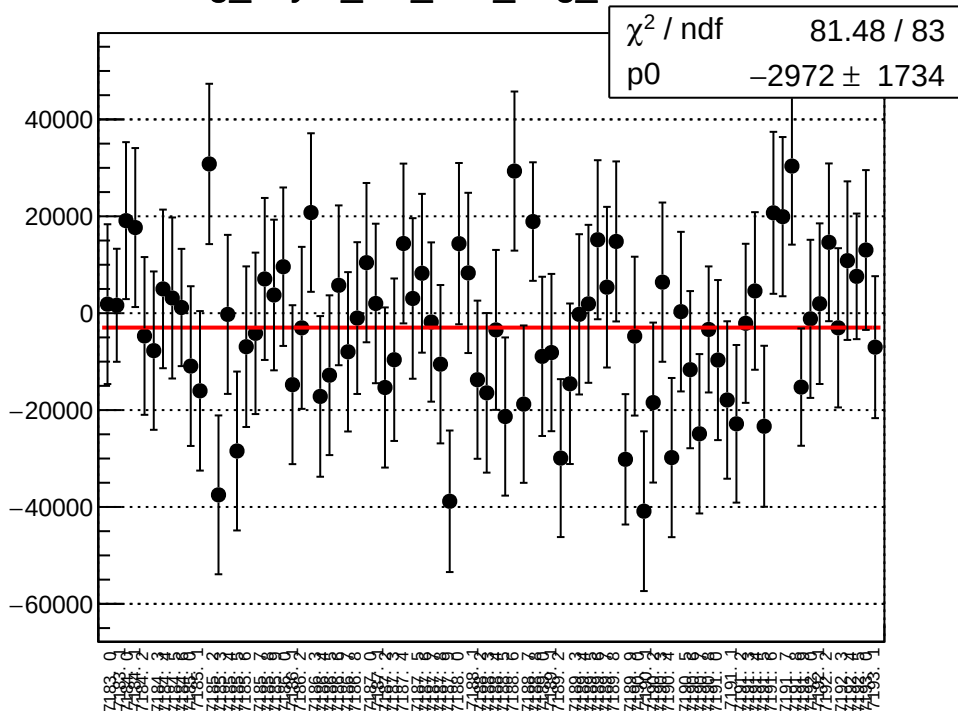
χ^2 / ndf 94.4
 p_0 $-9.766\text{e-}15 \pm 8.52$



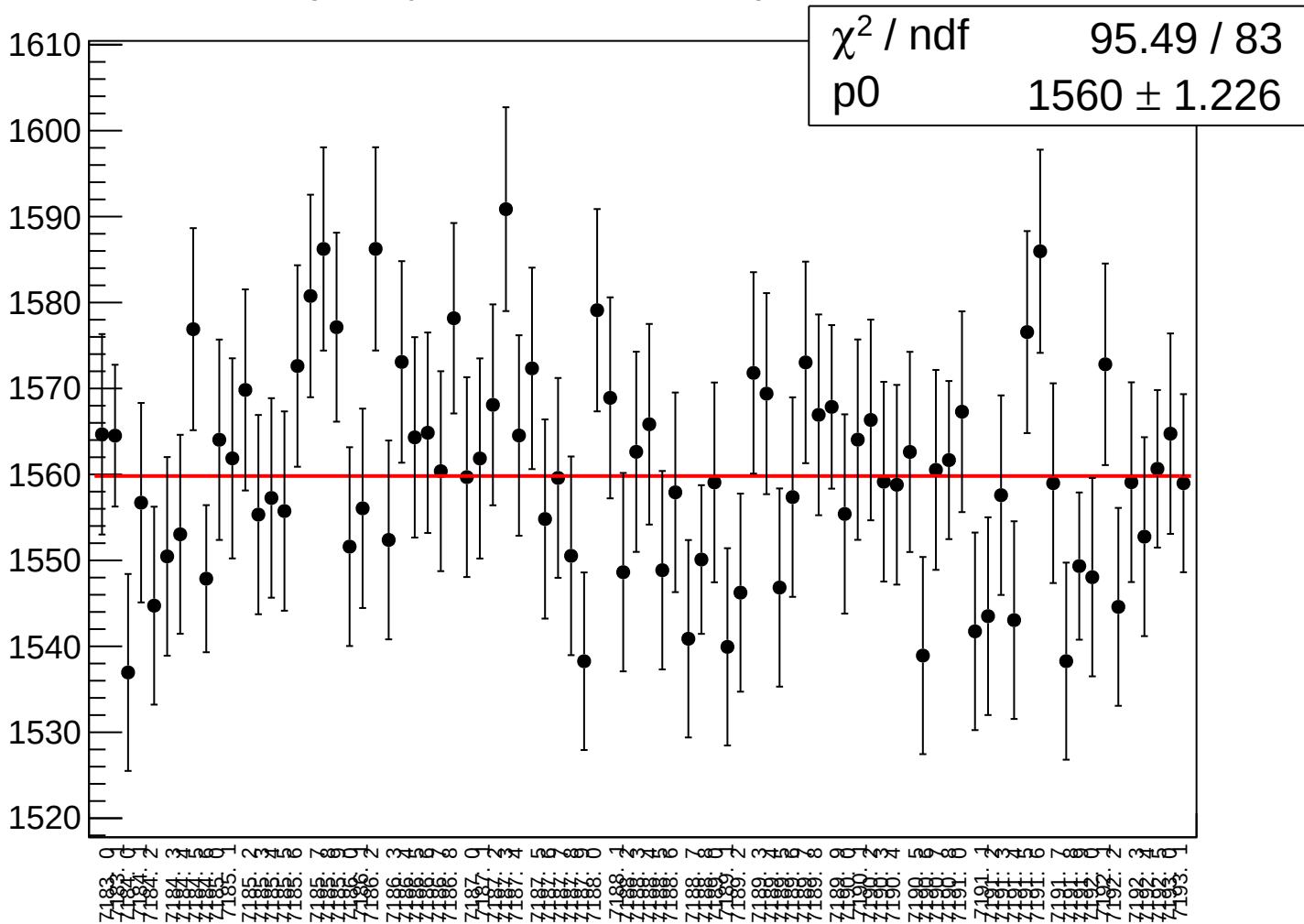
asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs run



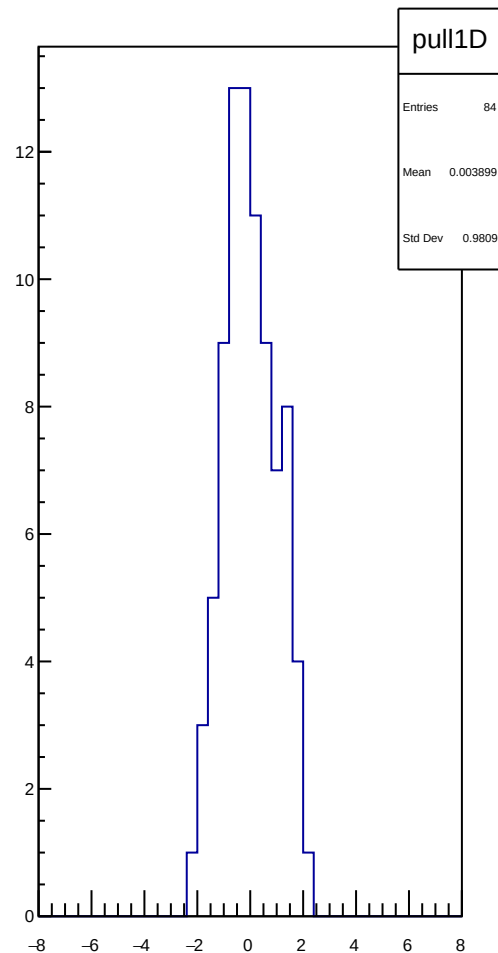
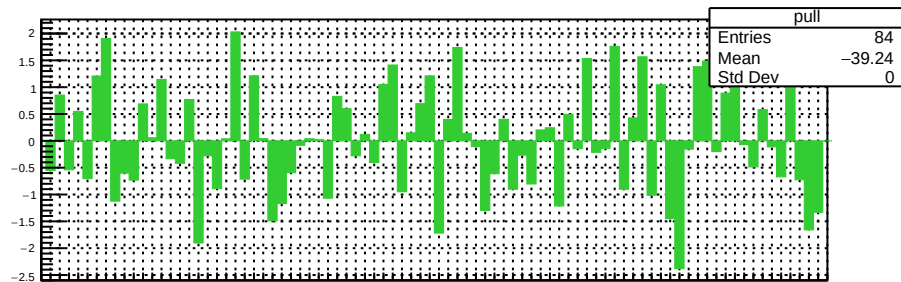
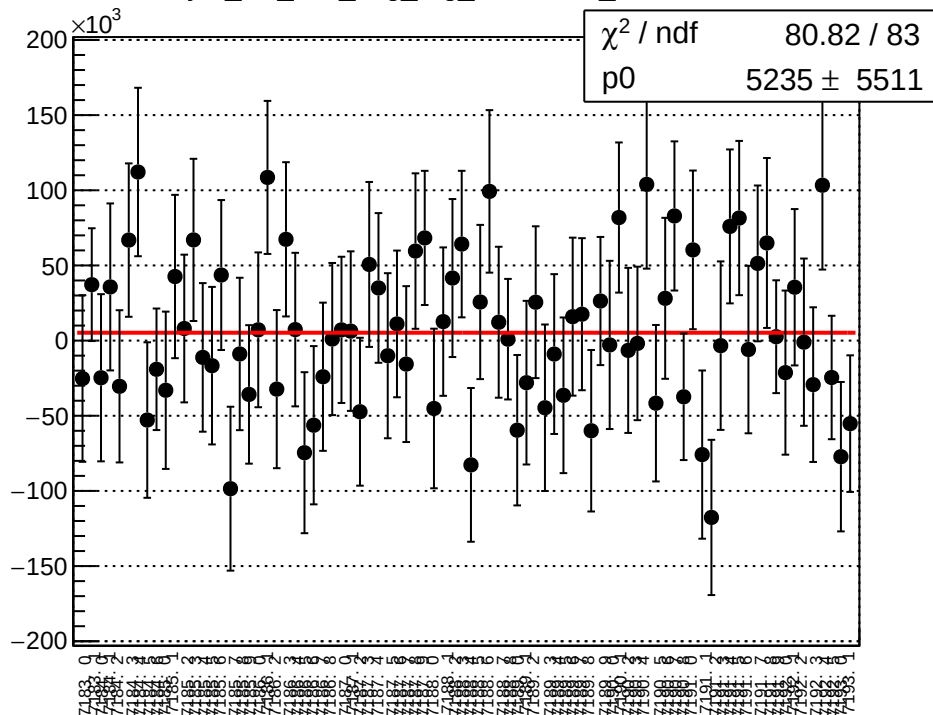
reg_asym_usl_atl2_avg_mean vs run



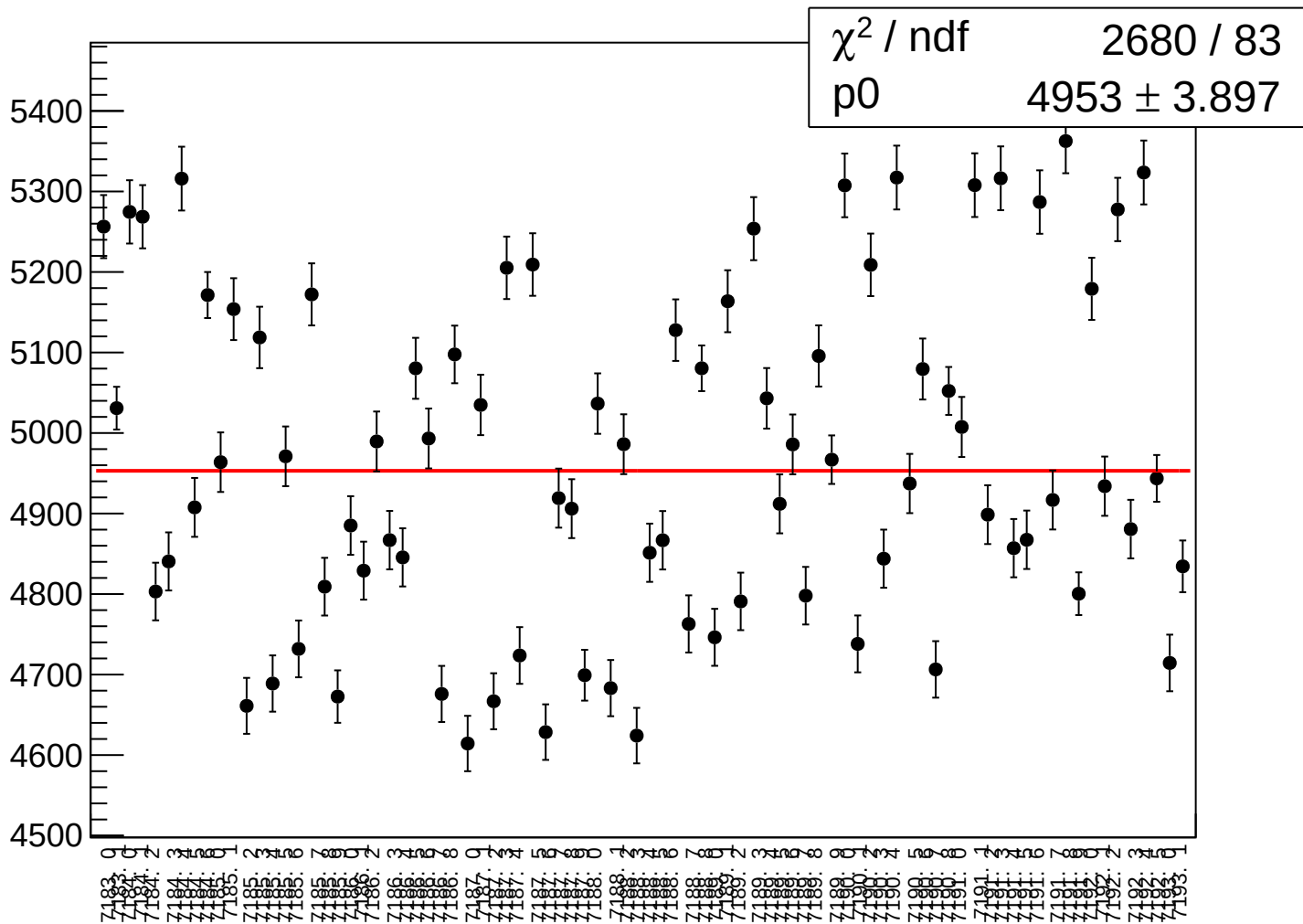
reg_asym_usl_atl2_avg_rms vs run



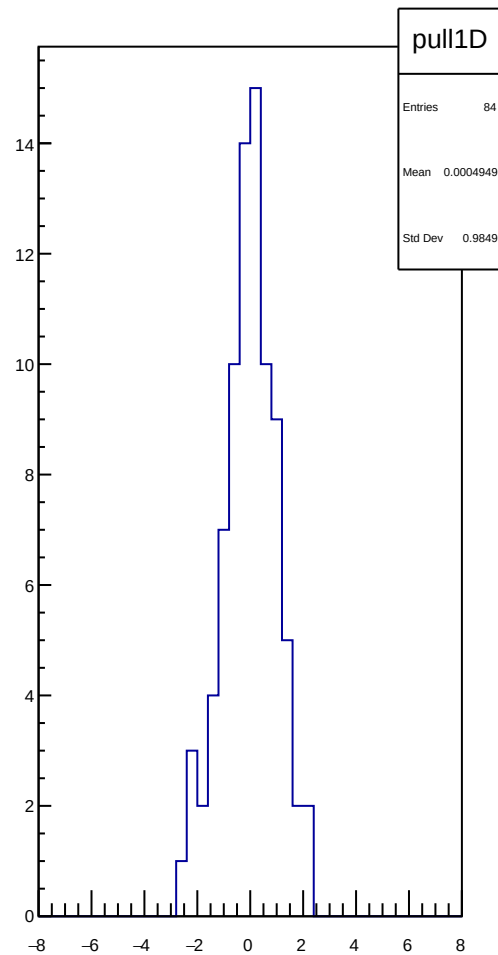
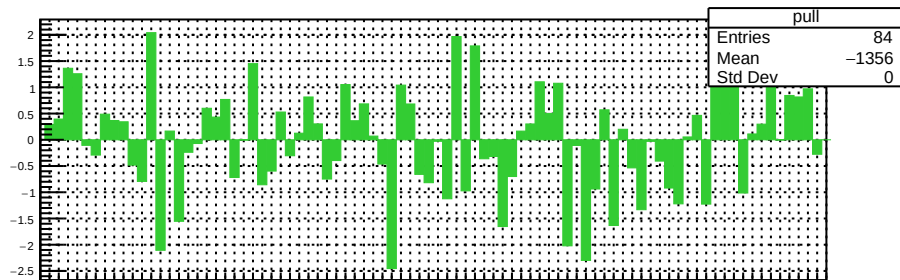
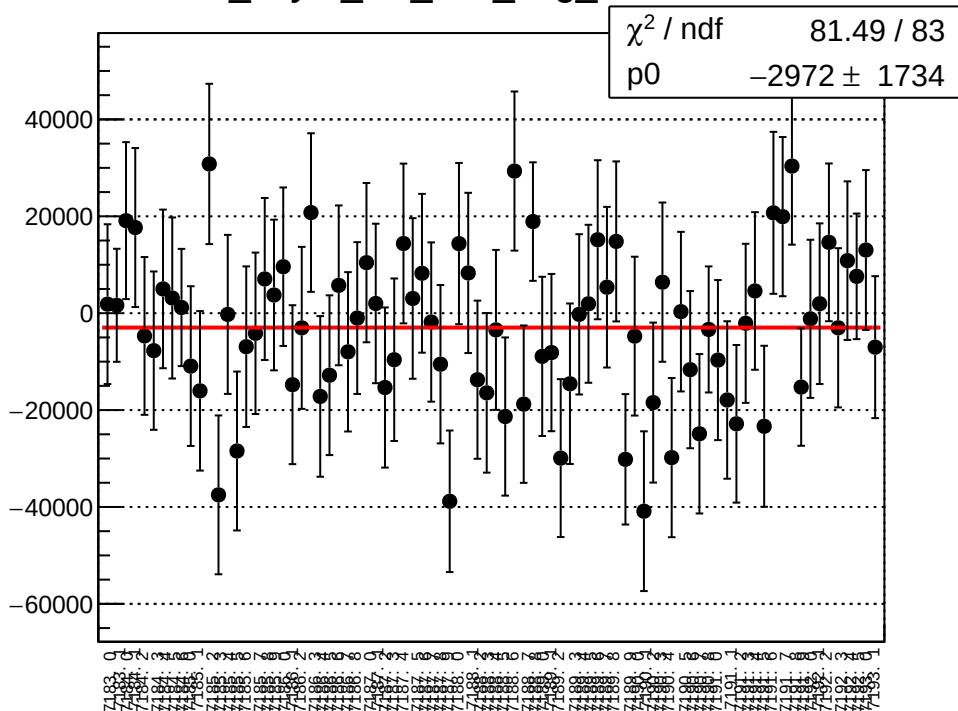
asym_usl_atl2_avg_reg_correction_mean vs run



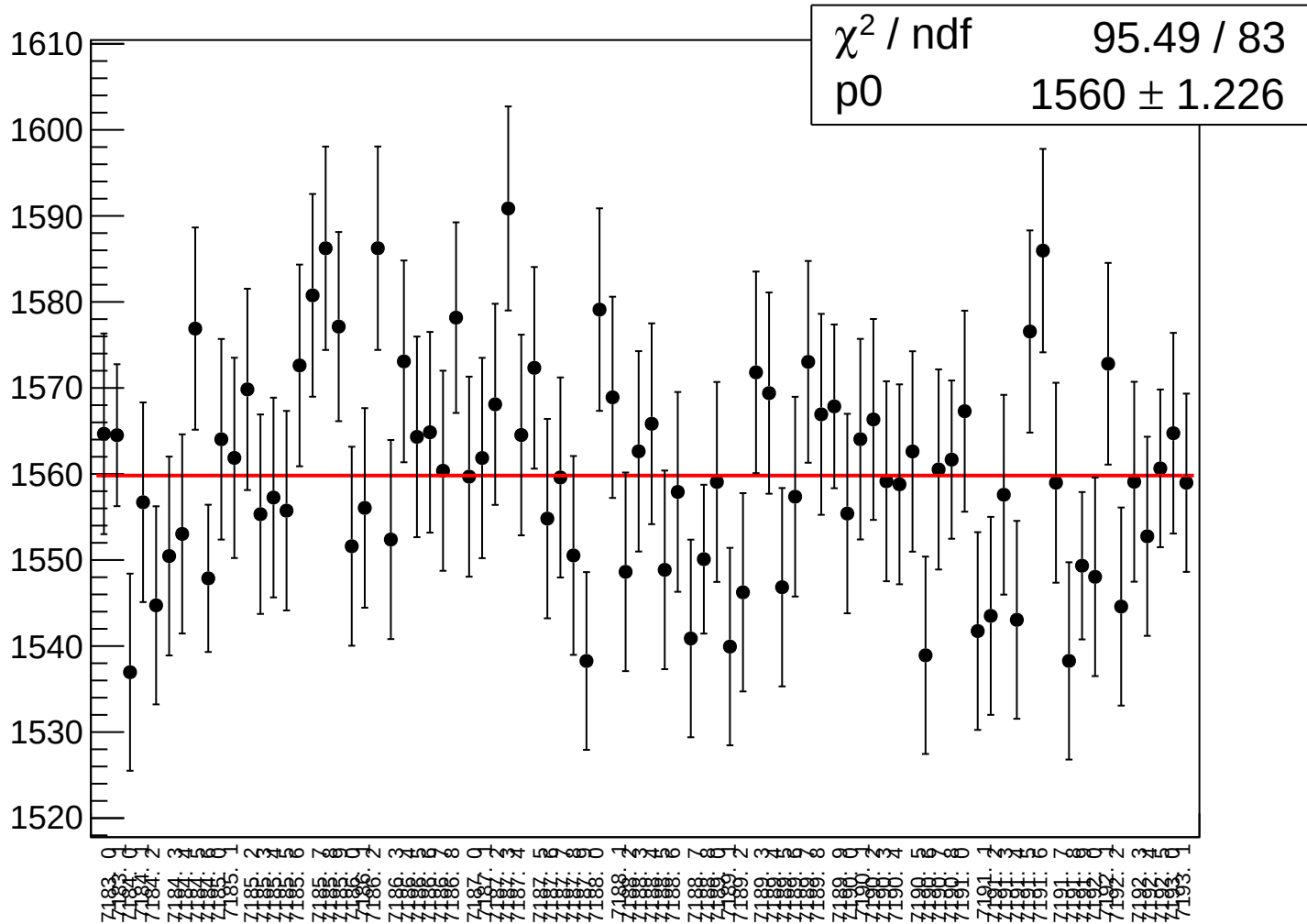
asym_usl_atl2_avg_reg_correction_rms vs run



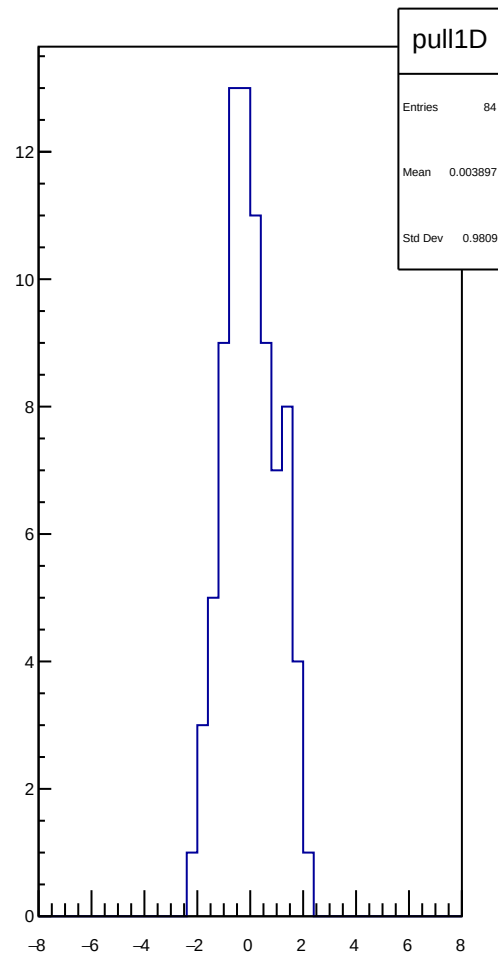
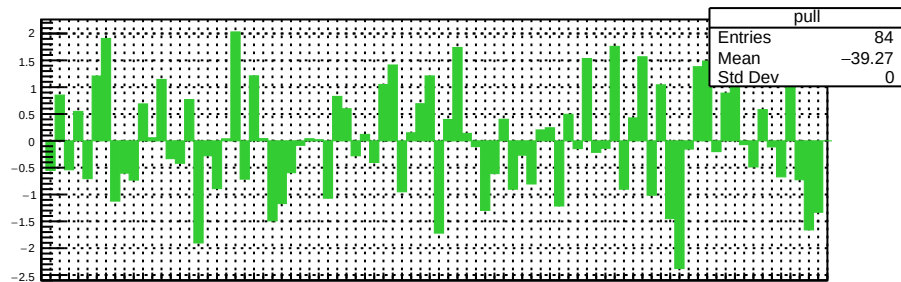
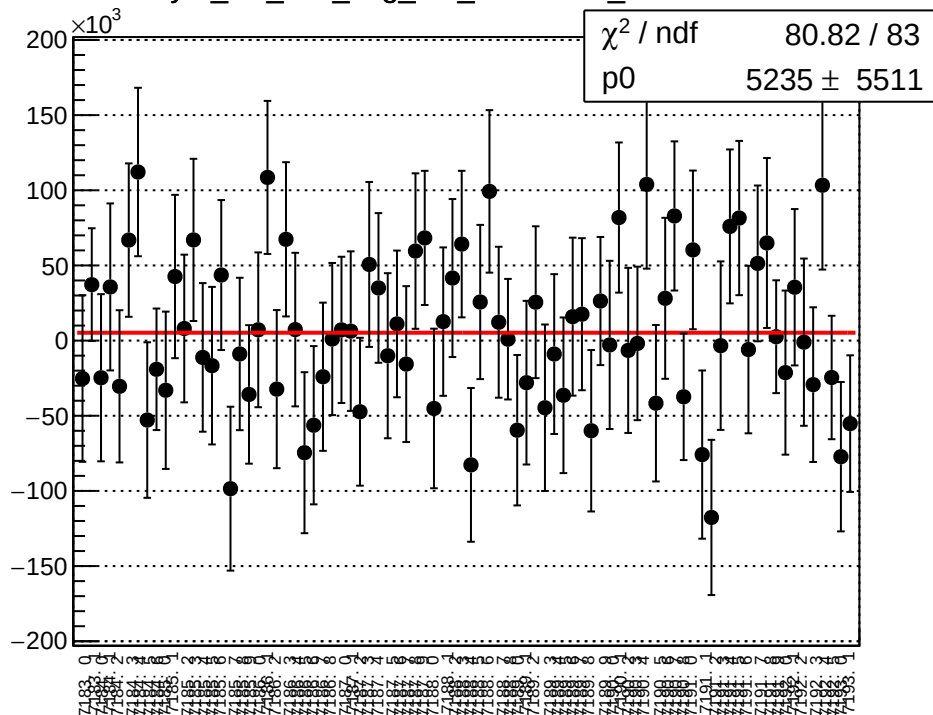
cor_asym_usl_atl2_avg_mean vs run



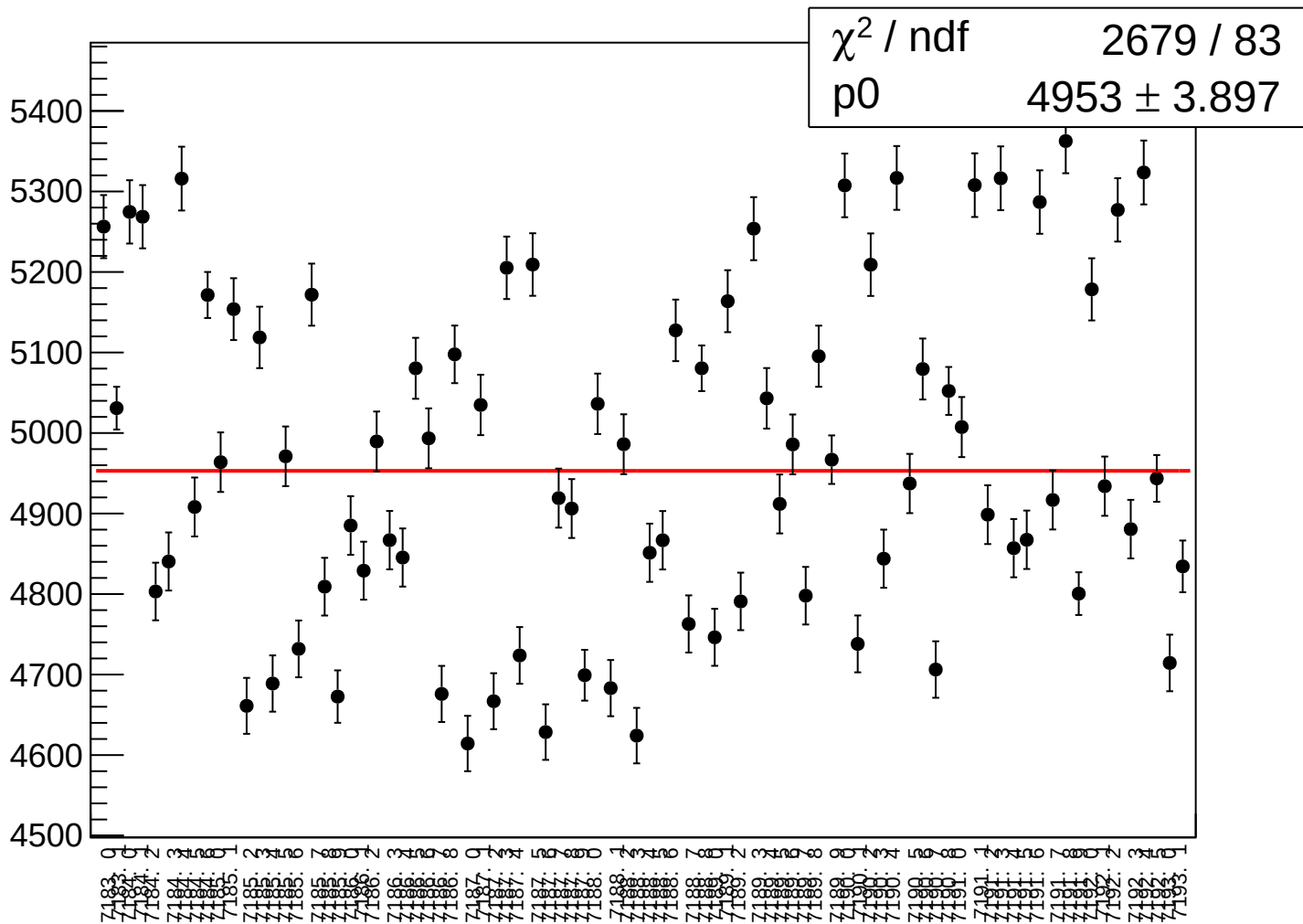
cor_asym_usl_atl2_avg_rms vs run



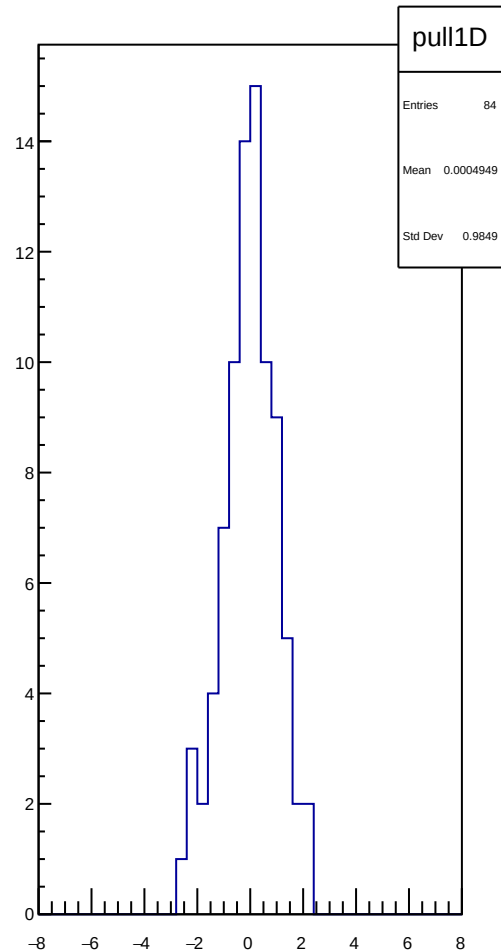
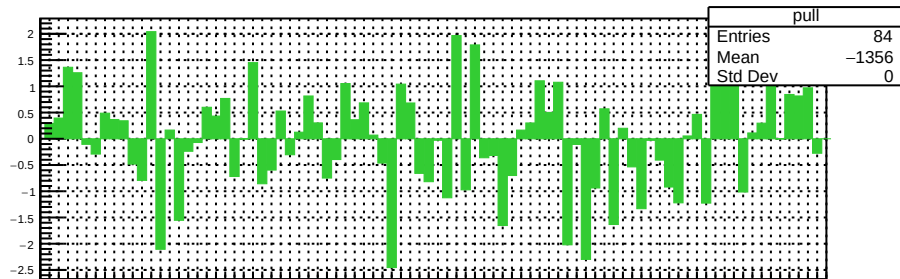
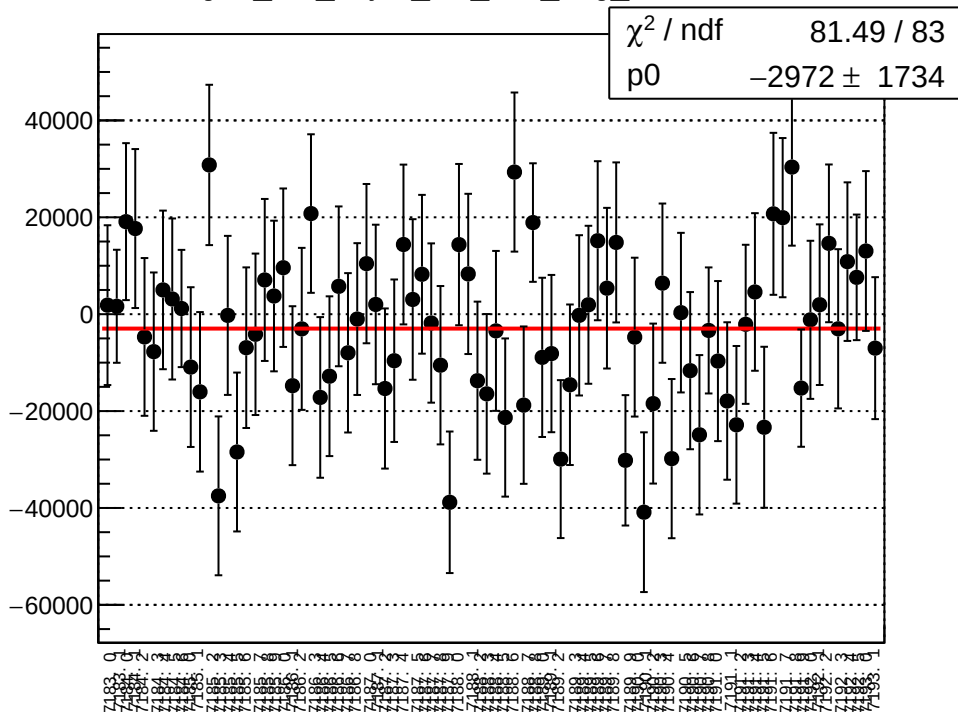
asym_usl_atl2_avg_cor_correction_mean vs run



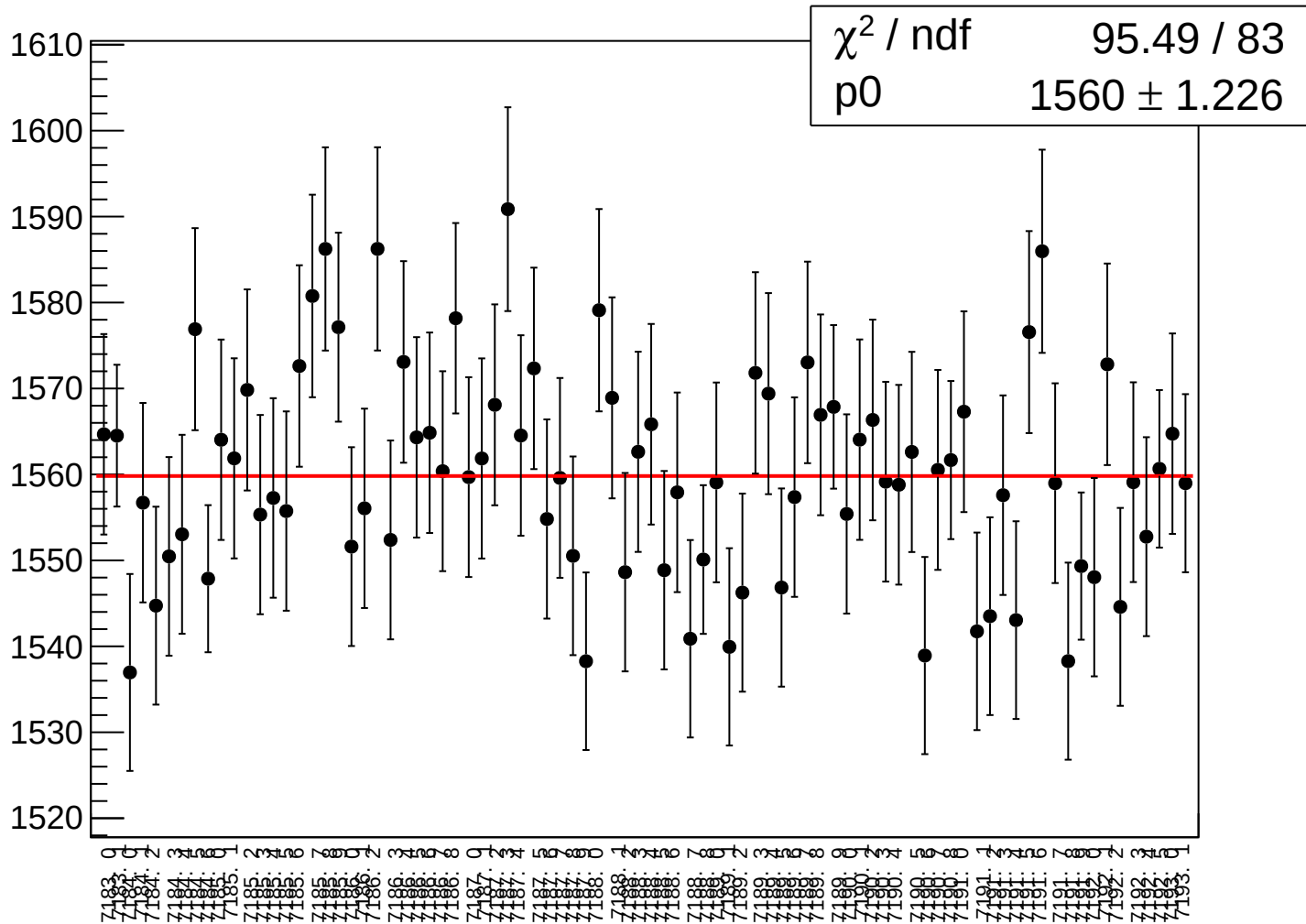
asym_usl_atl2_avg_cor_correction_rms vs run



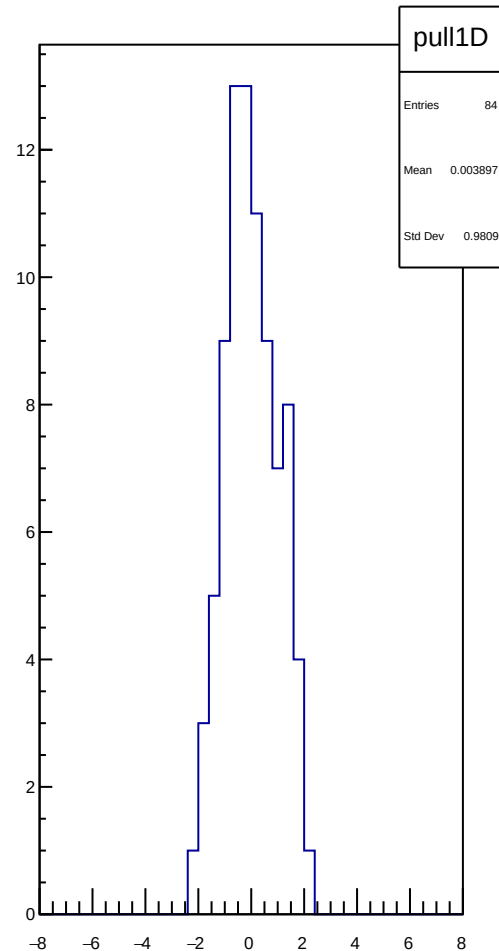
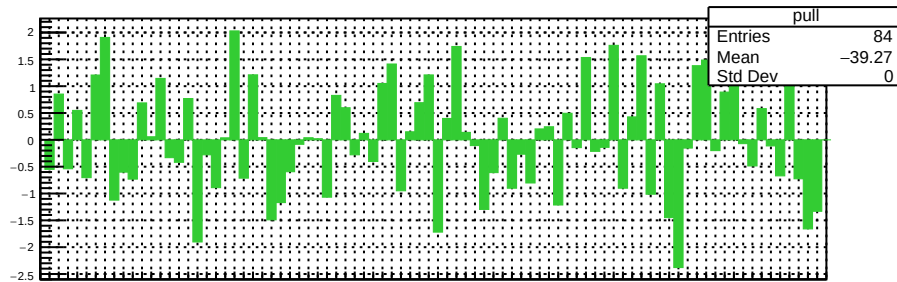
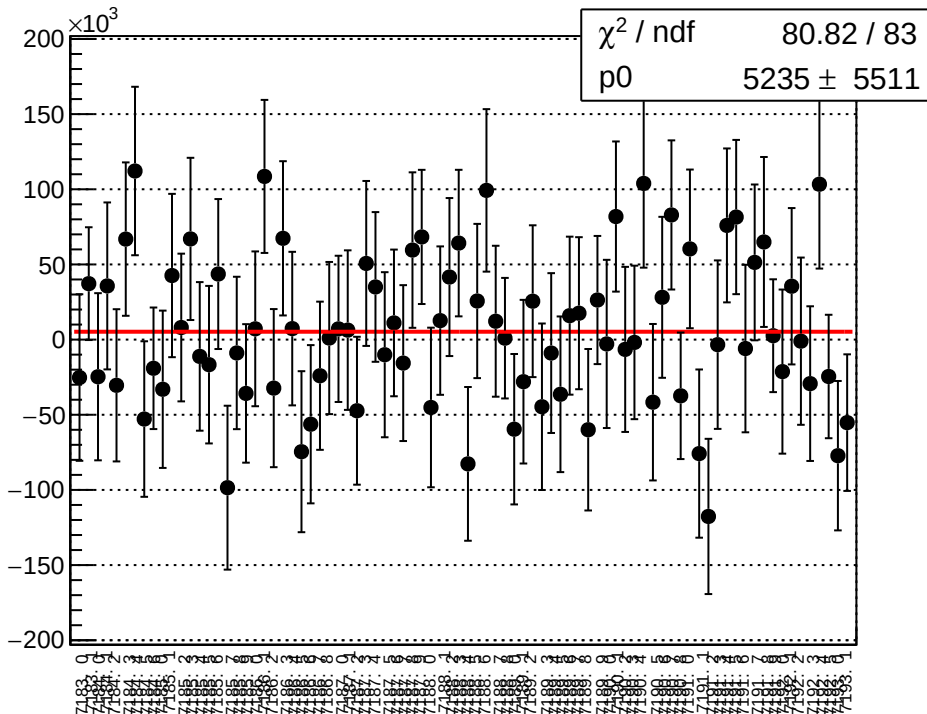
eigen_cor_asym_usl_atl2_avg_mean vs run



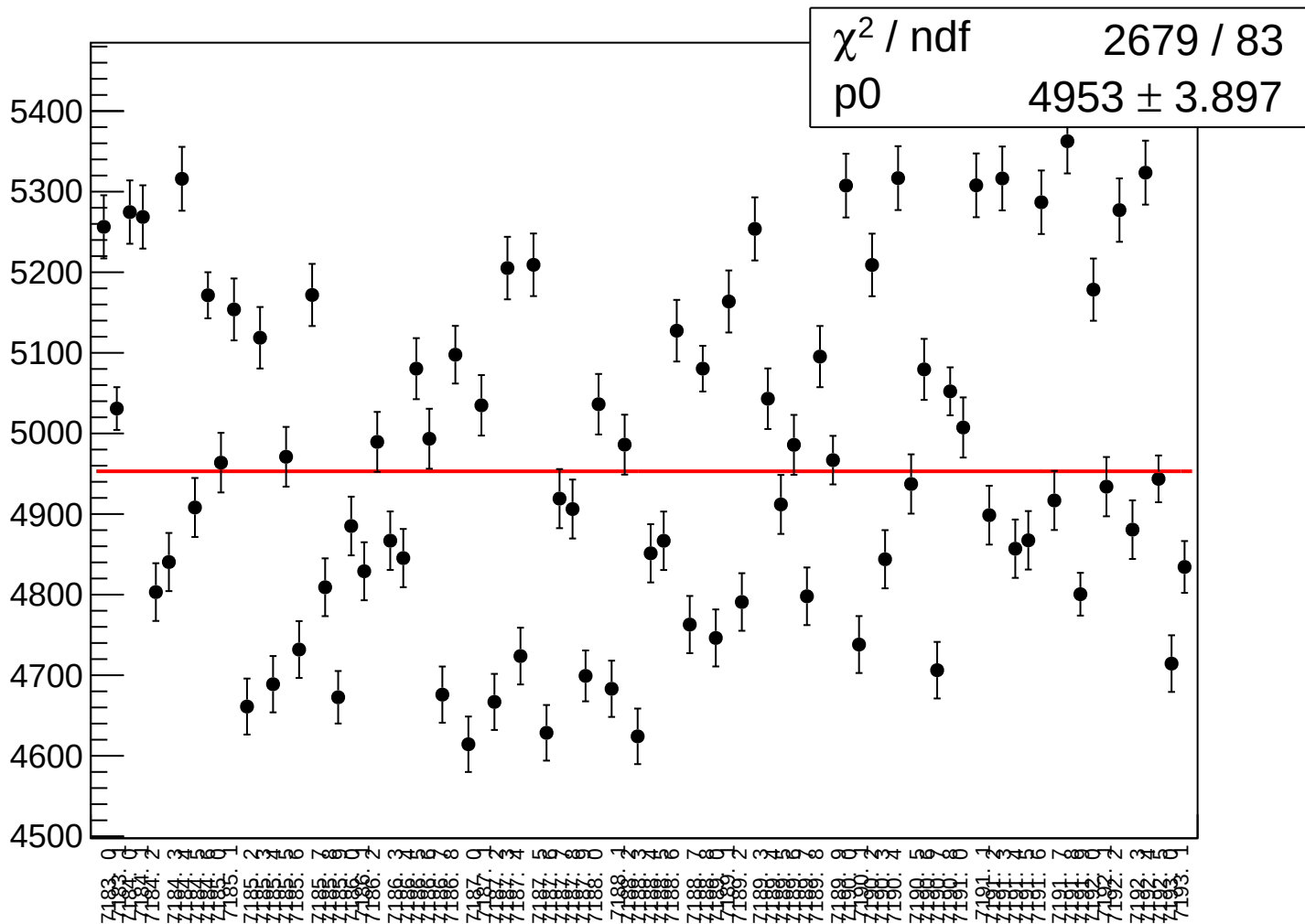
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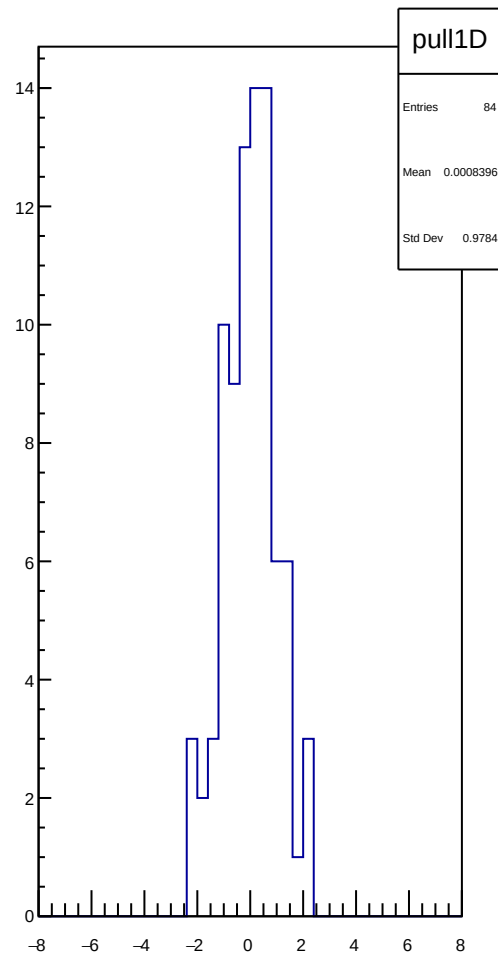
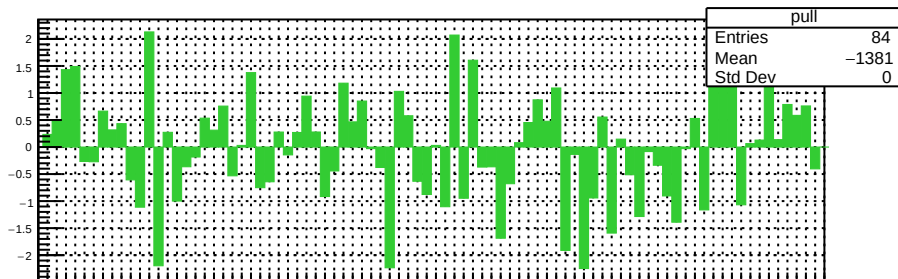
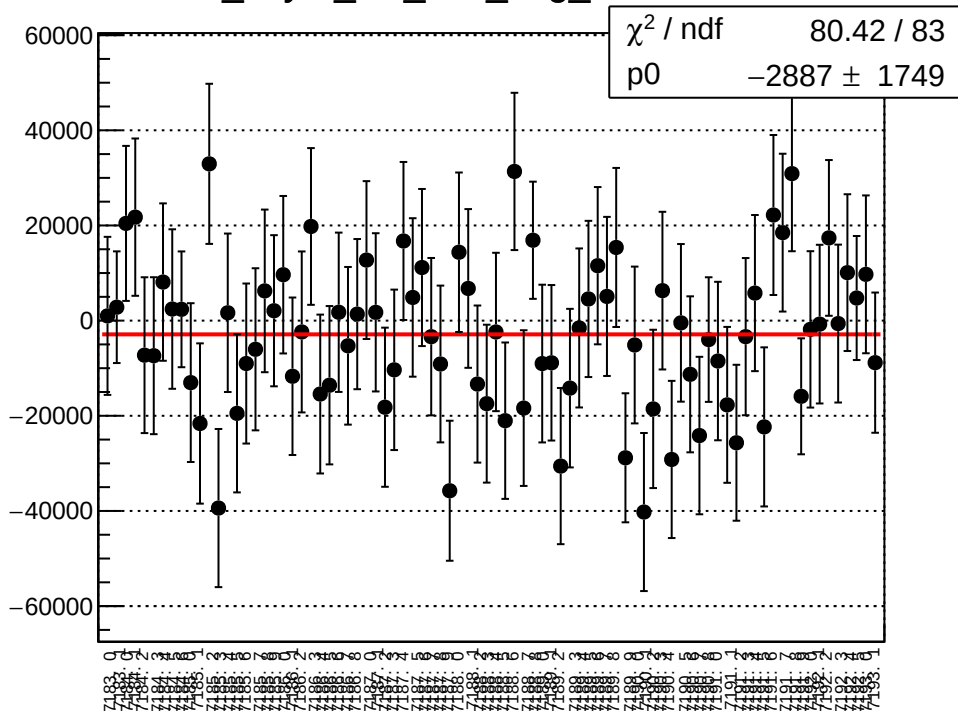
asym_usl_atl2_avg_eigen_cor_correction_mean vs run



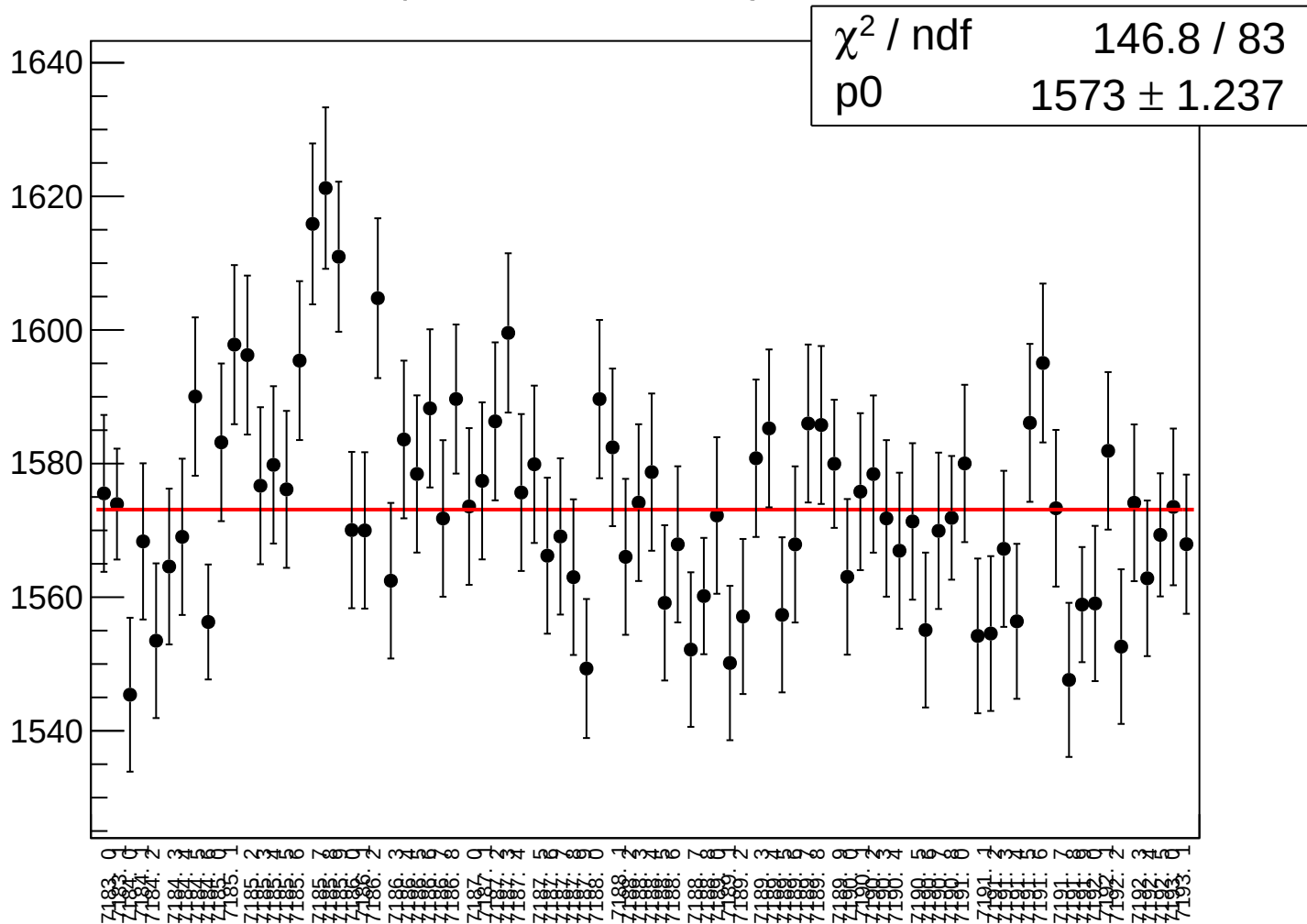
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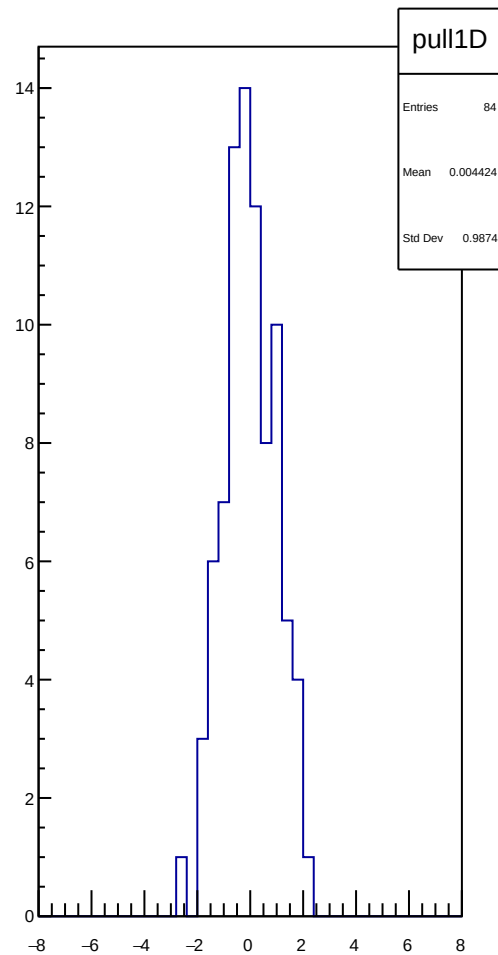
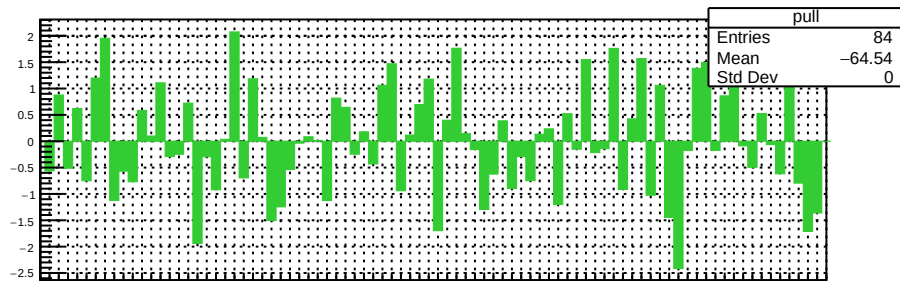
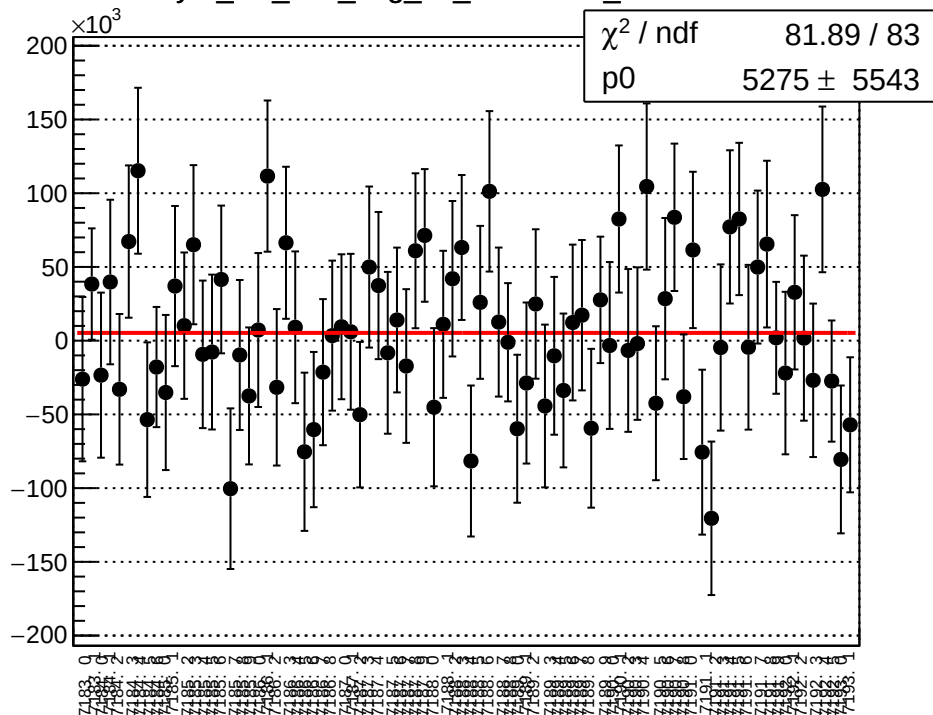
dit_asym_usl_atl2_avg_mean vs run



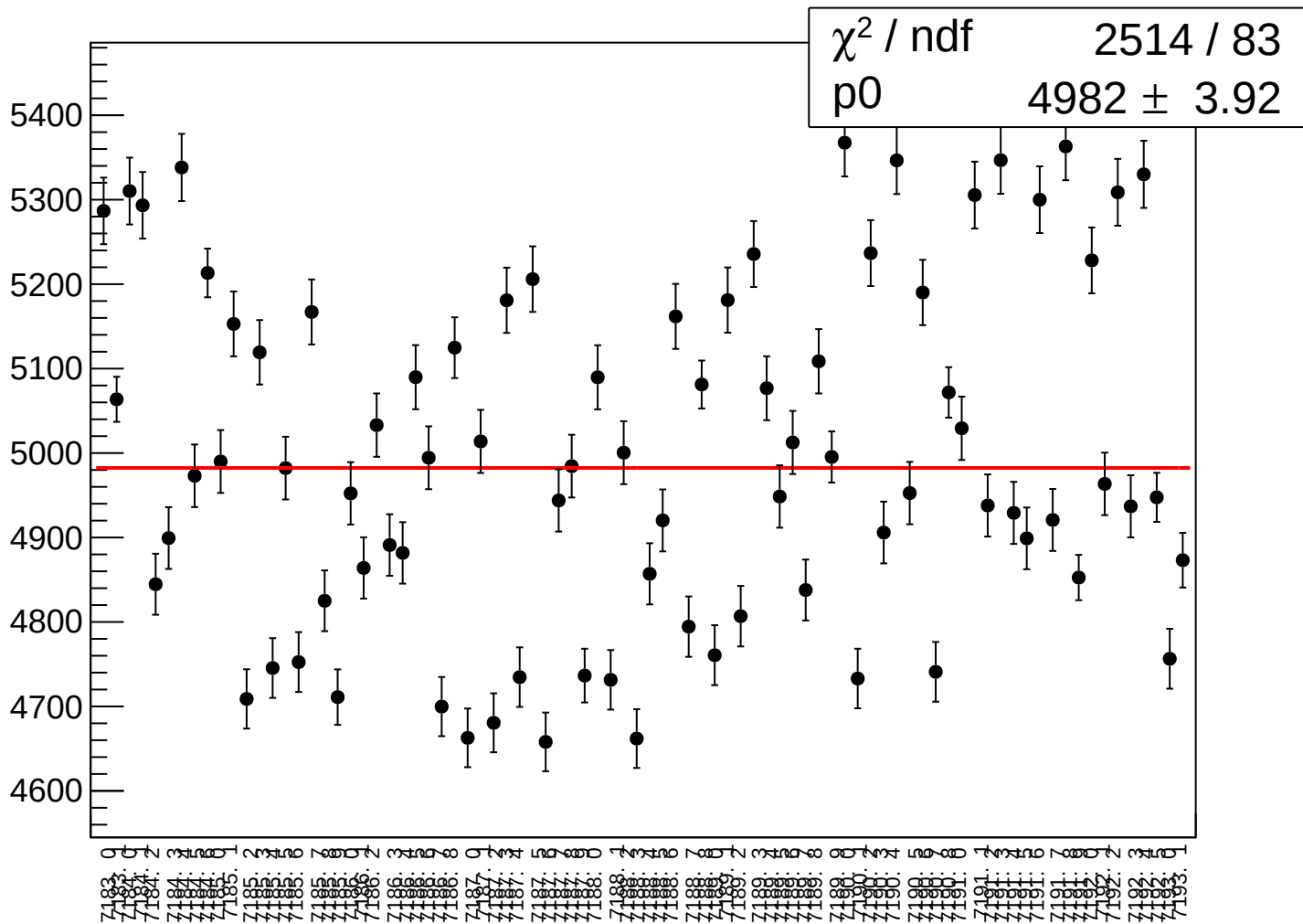
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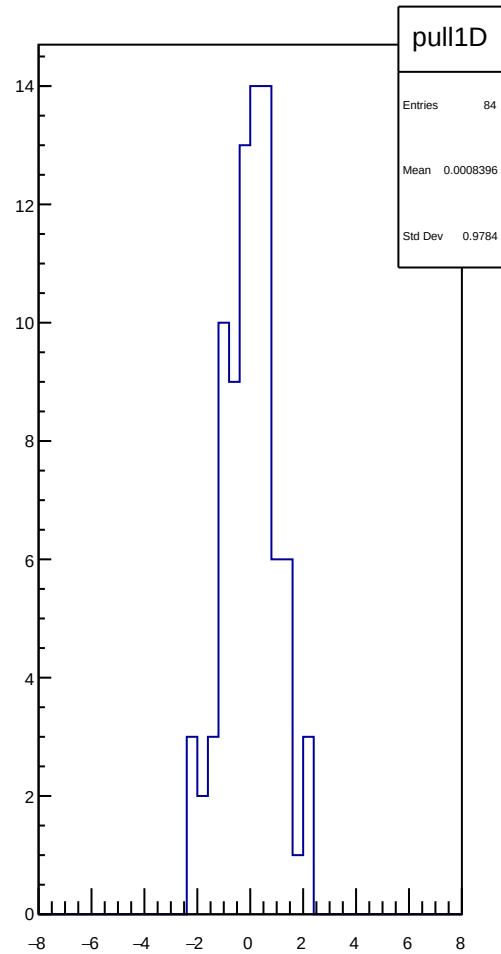
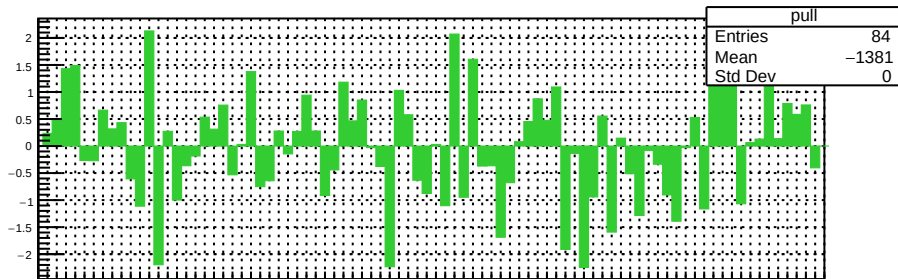
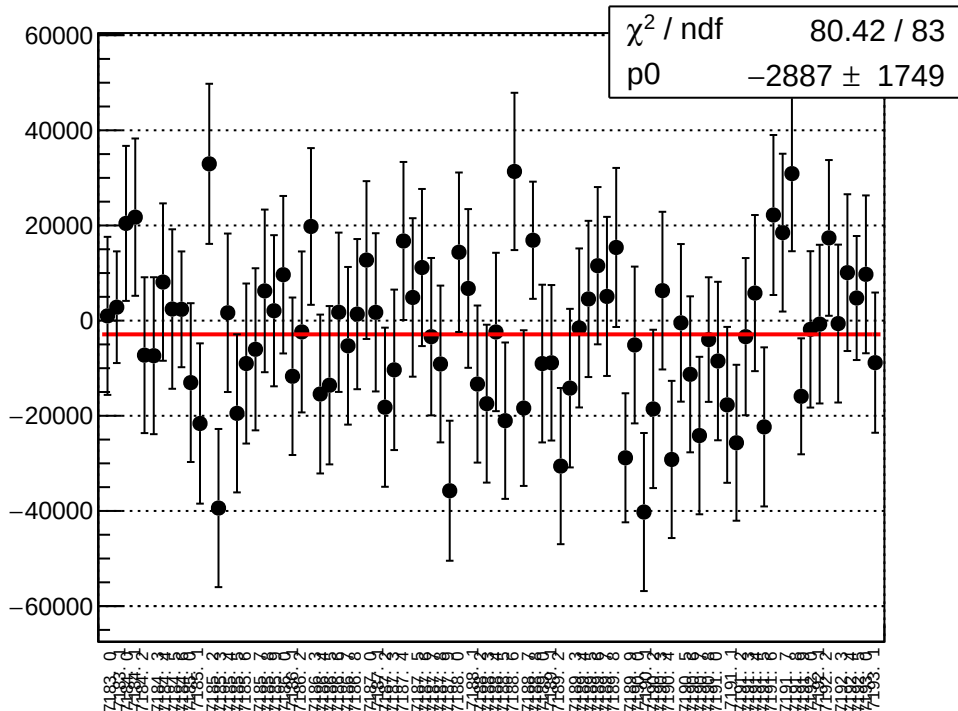
asym_usl_atl2_avg_dit_correction_mean vs run



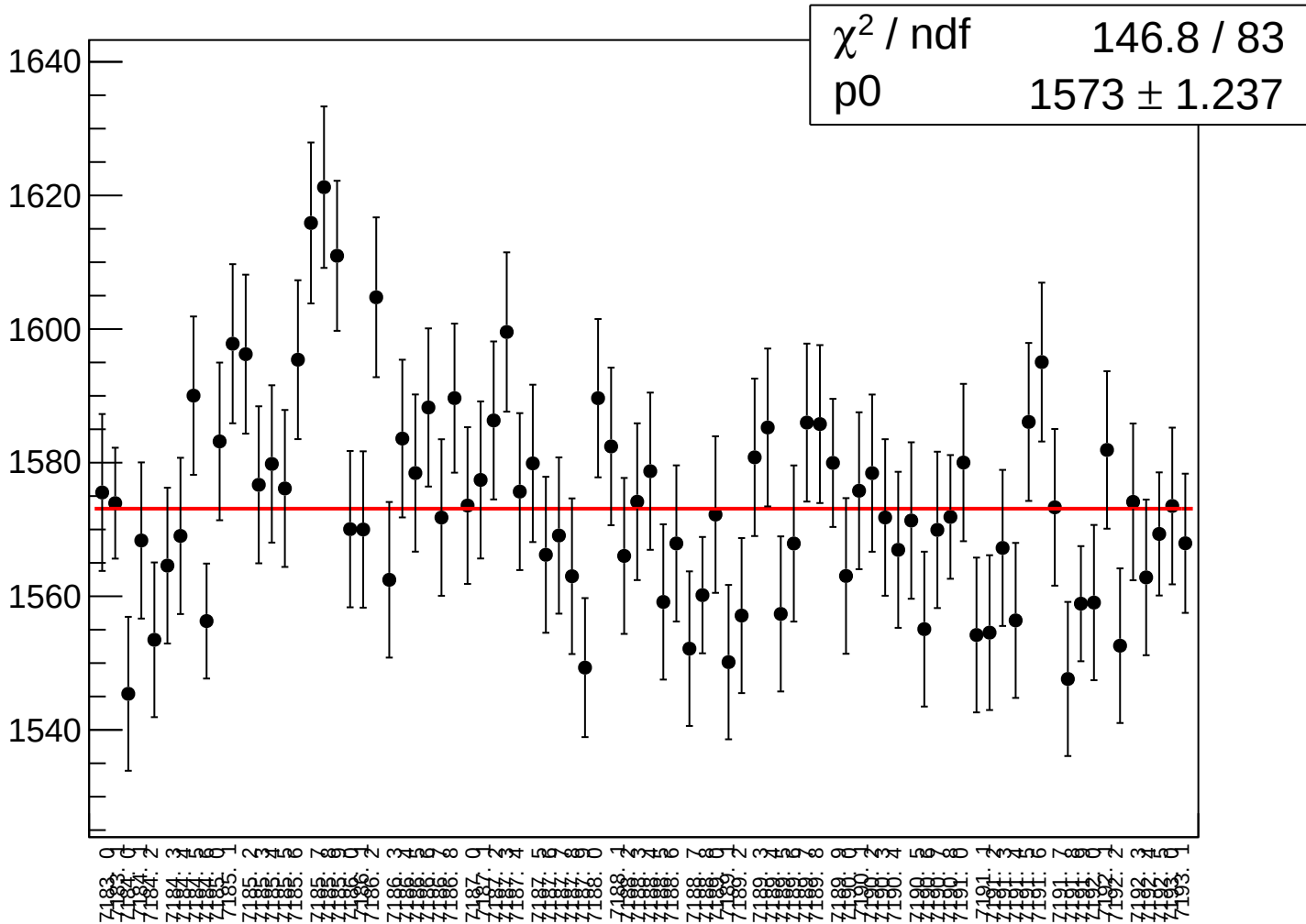
asym_usl_atl2_avg_dit_correction_rms vs run



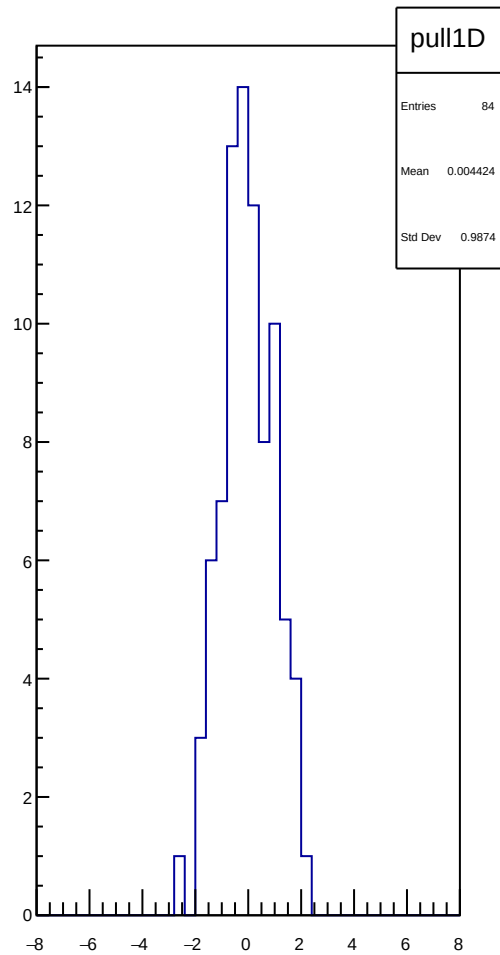
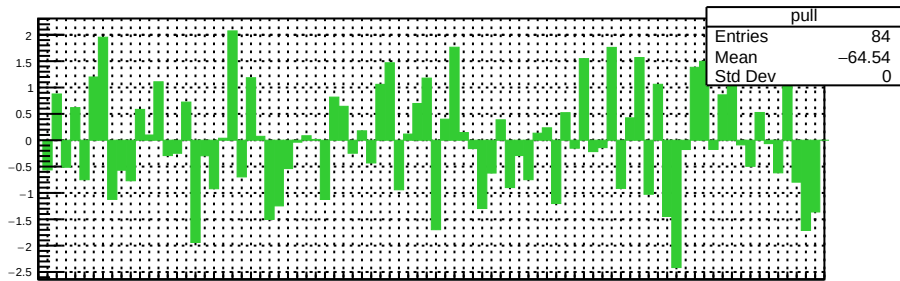
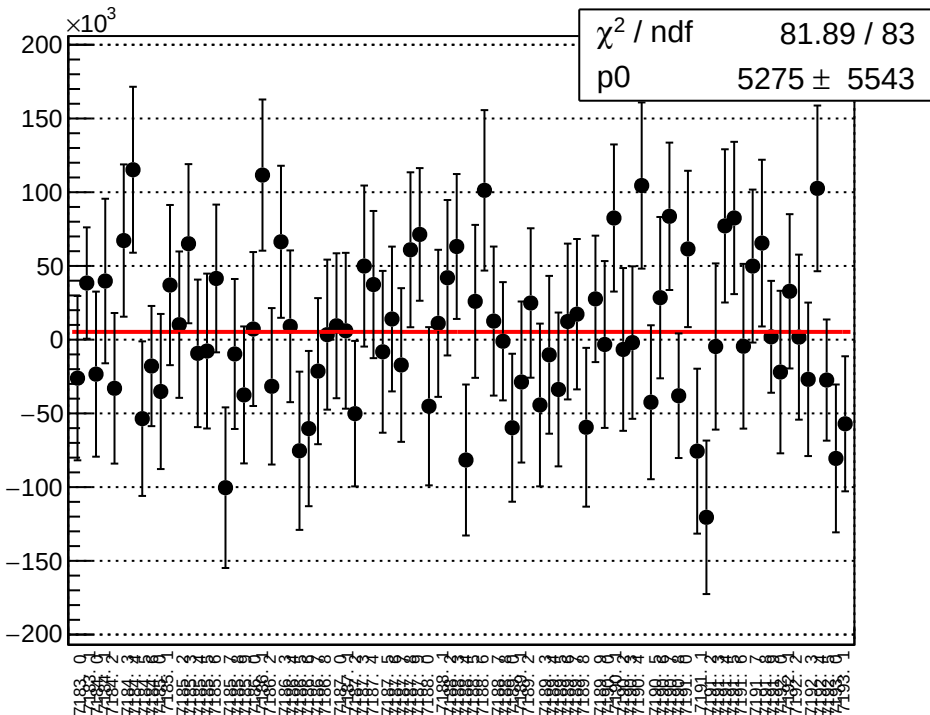
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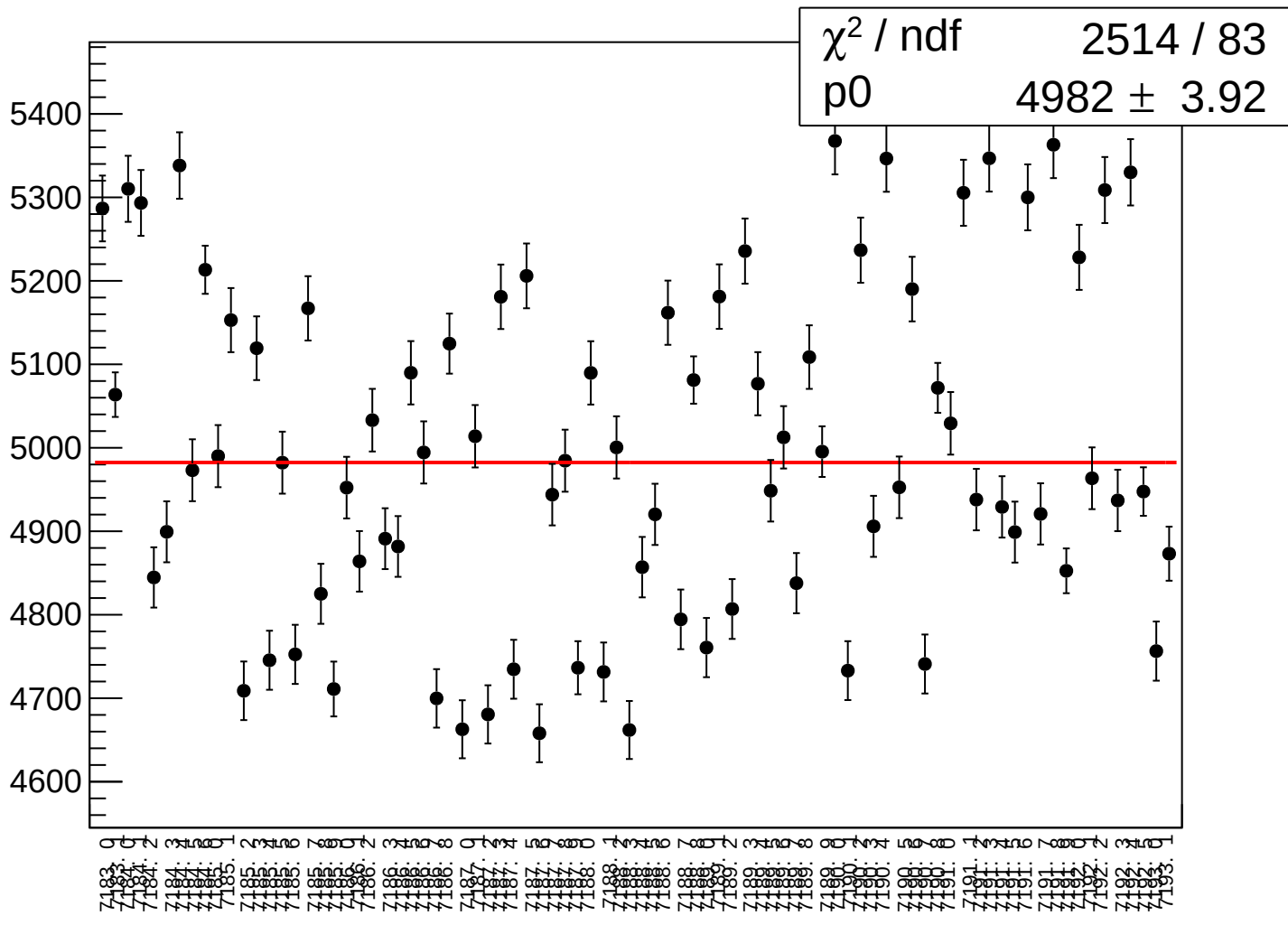
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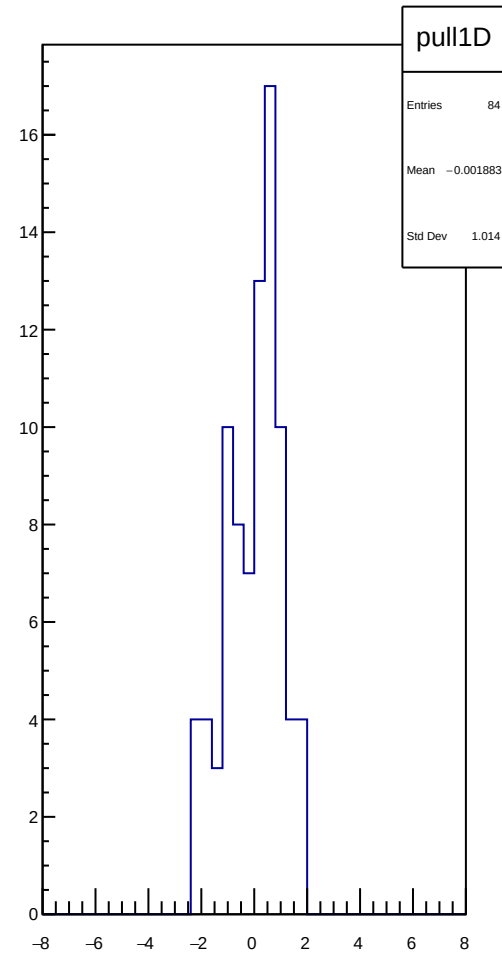
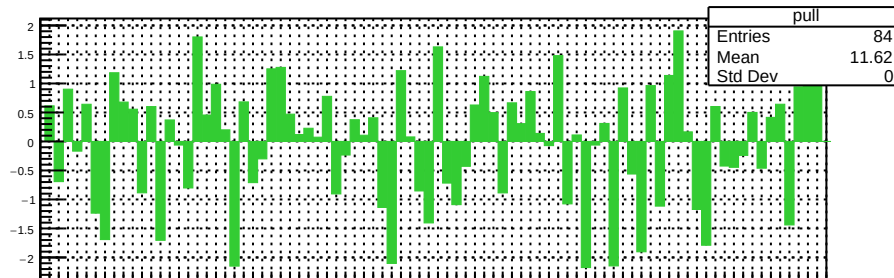
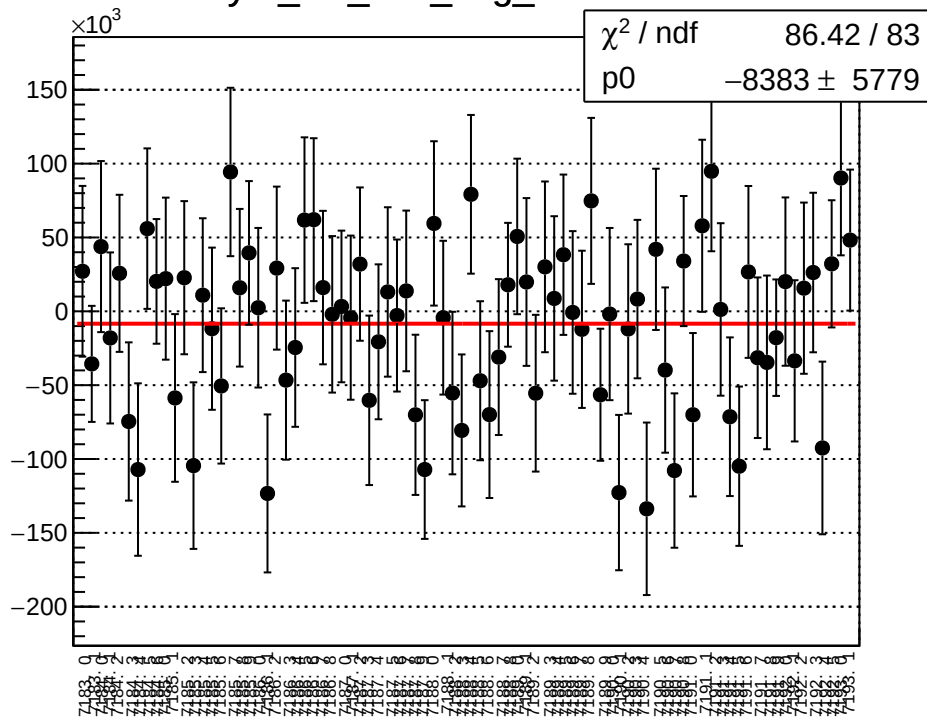
asym usl atl2 avg eigen dit correction mean vs run



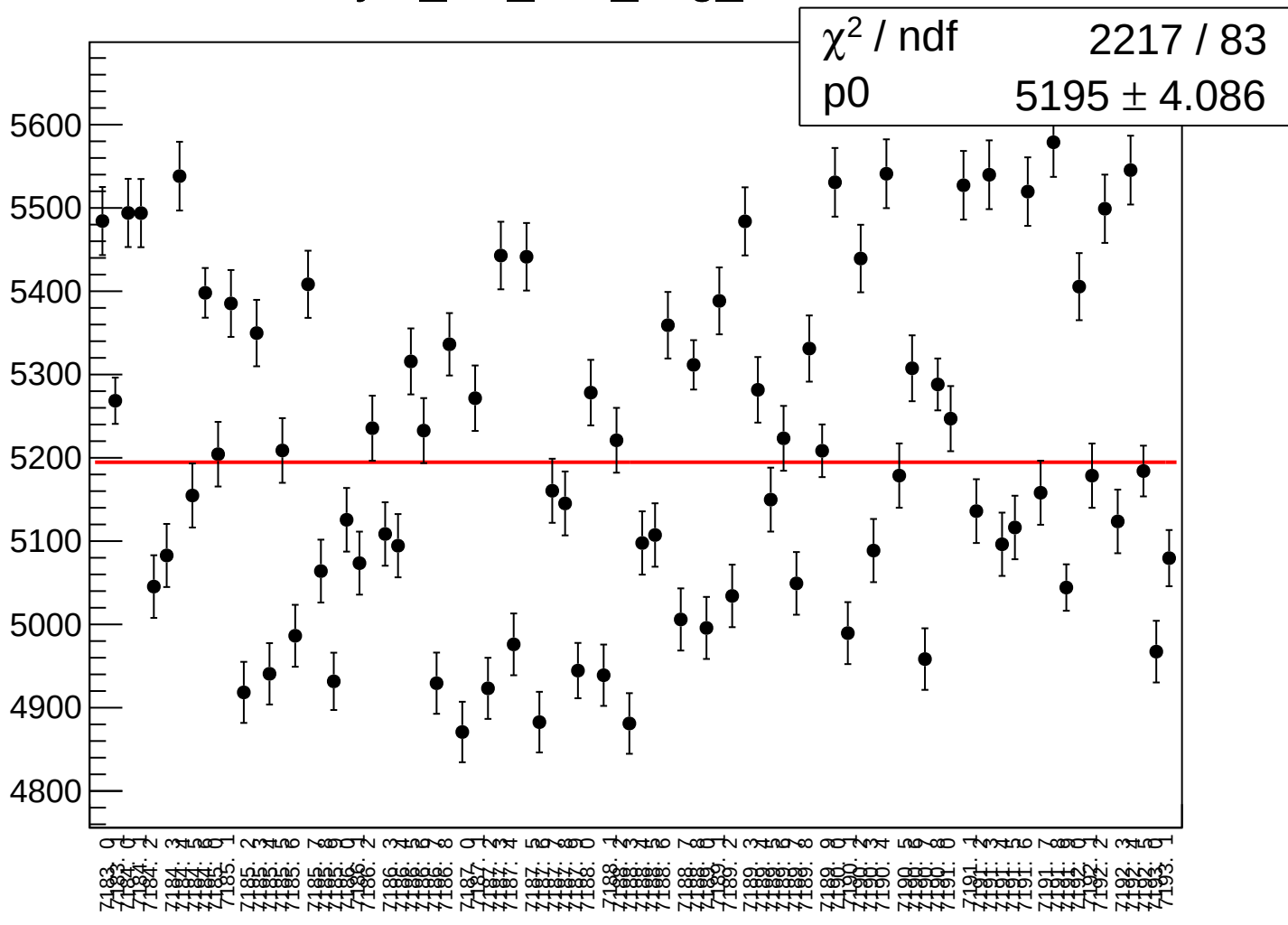
asym_usl_atl2_avg_eigen_dit_correction_rms vs run



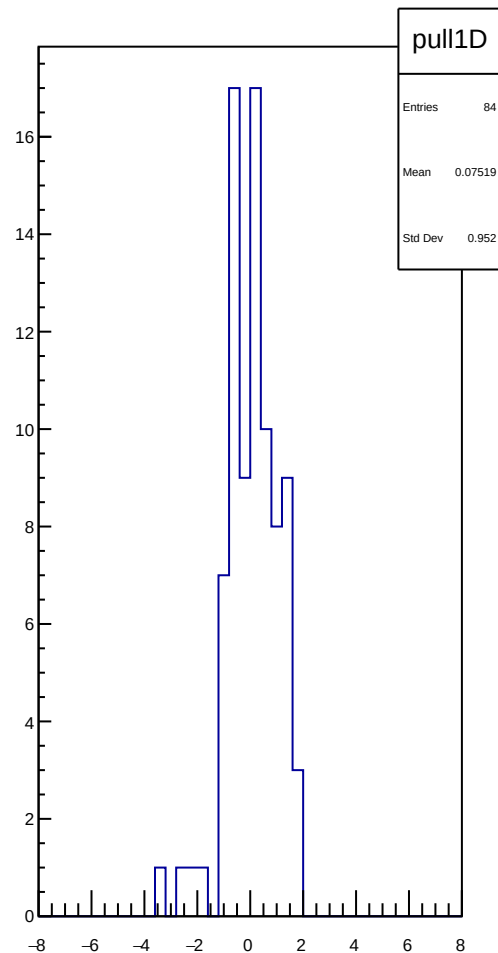
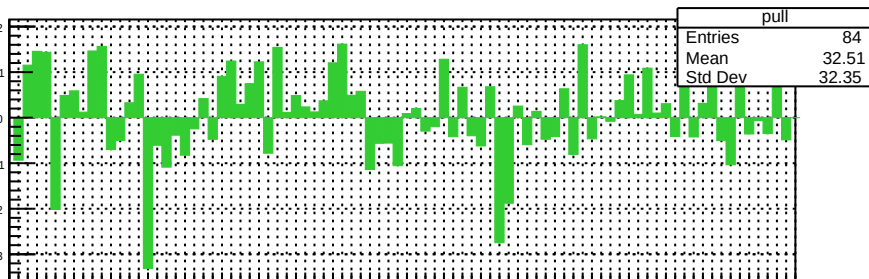
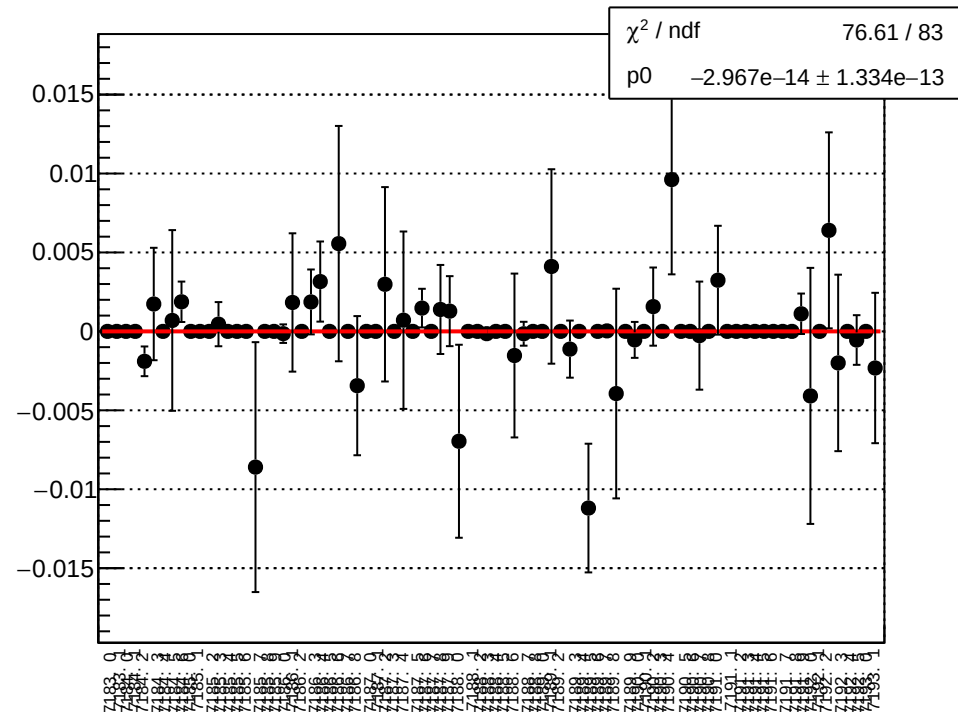
asym_usl_atl2_avg_mean vs run



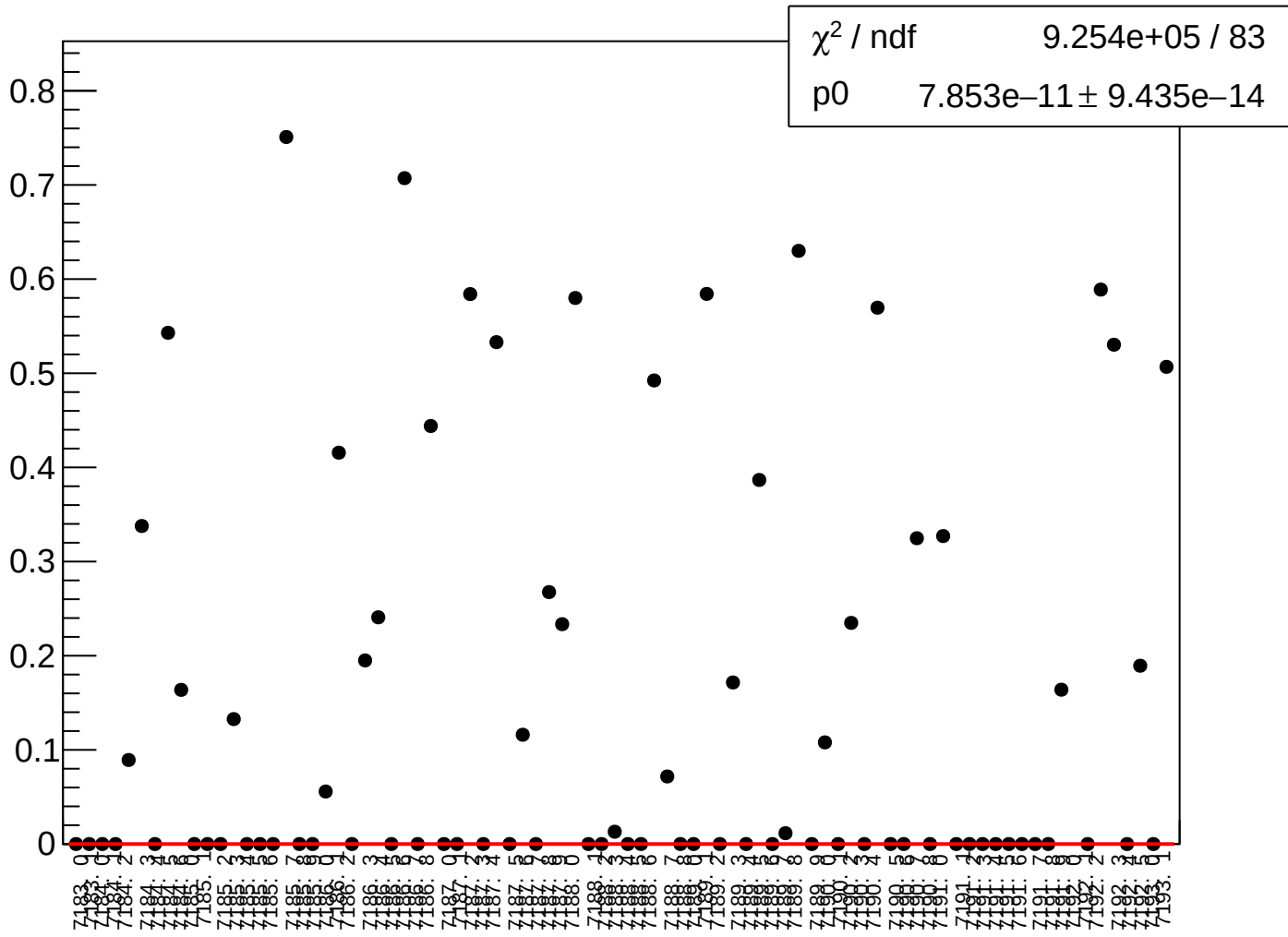
asym_usl_atl2_avg_rms vs run



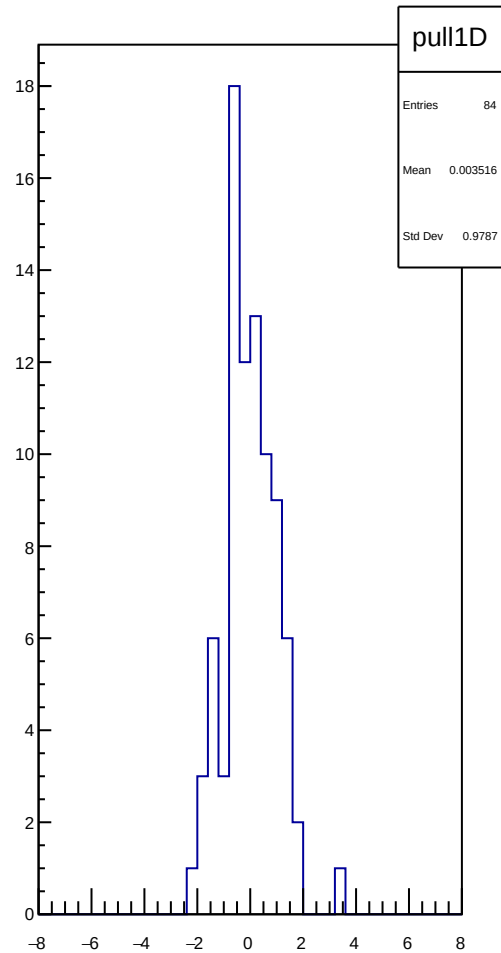
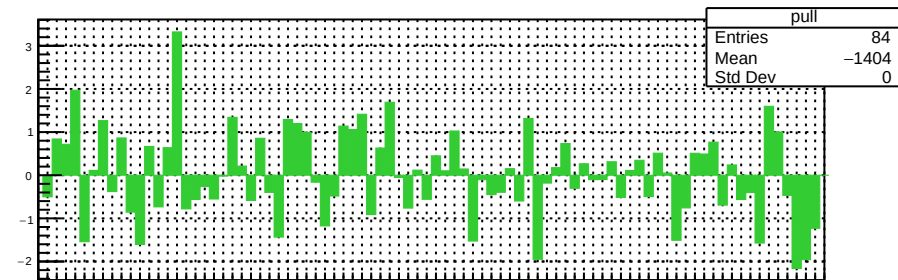
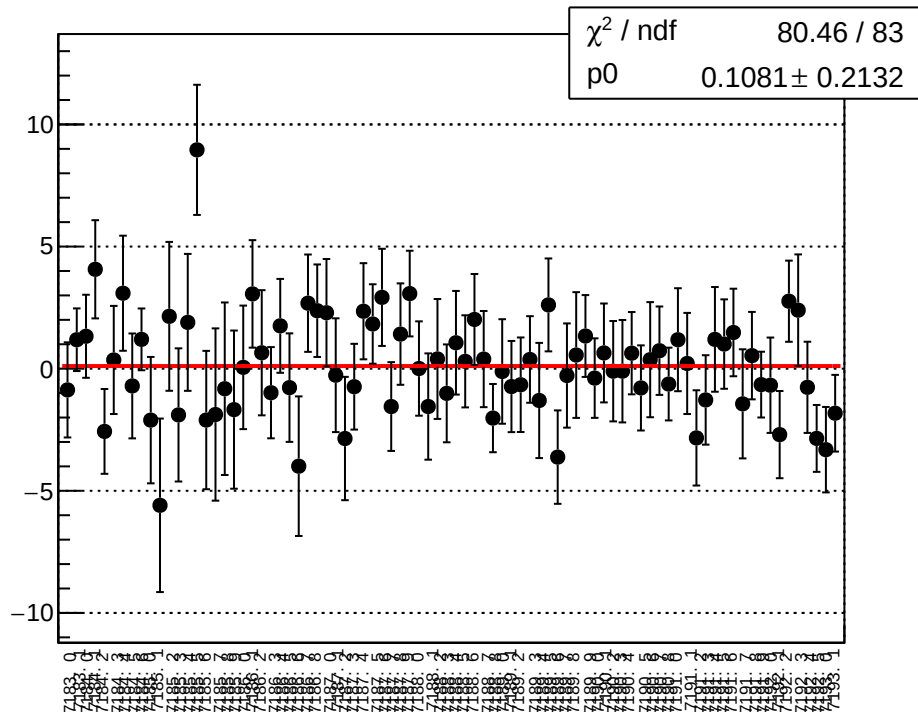
asym_usl_atl2_avg_reg_vs_cor_diff_mean vs run



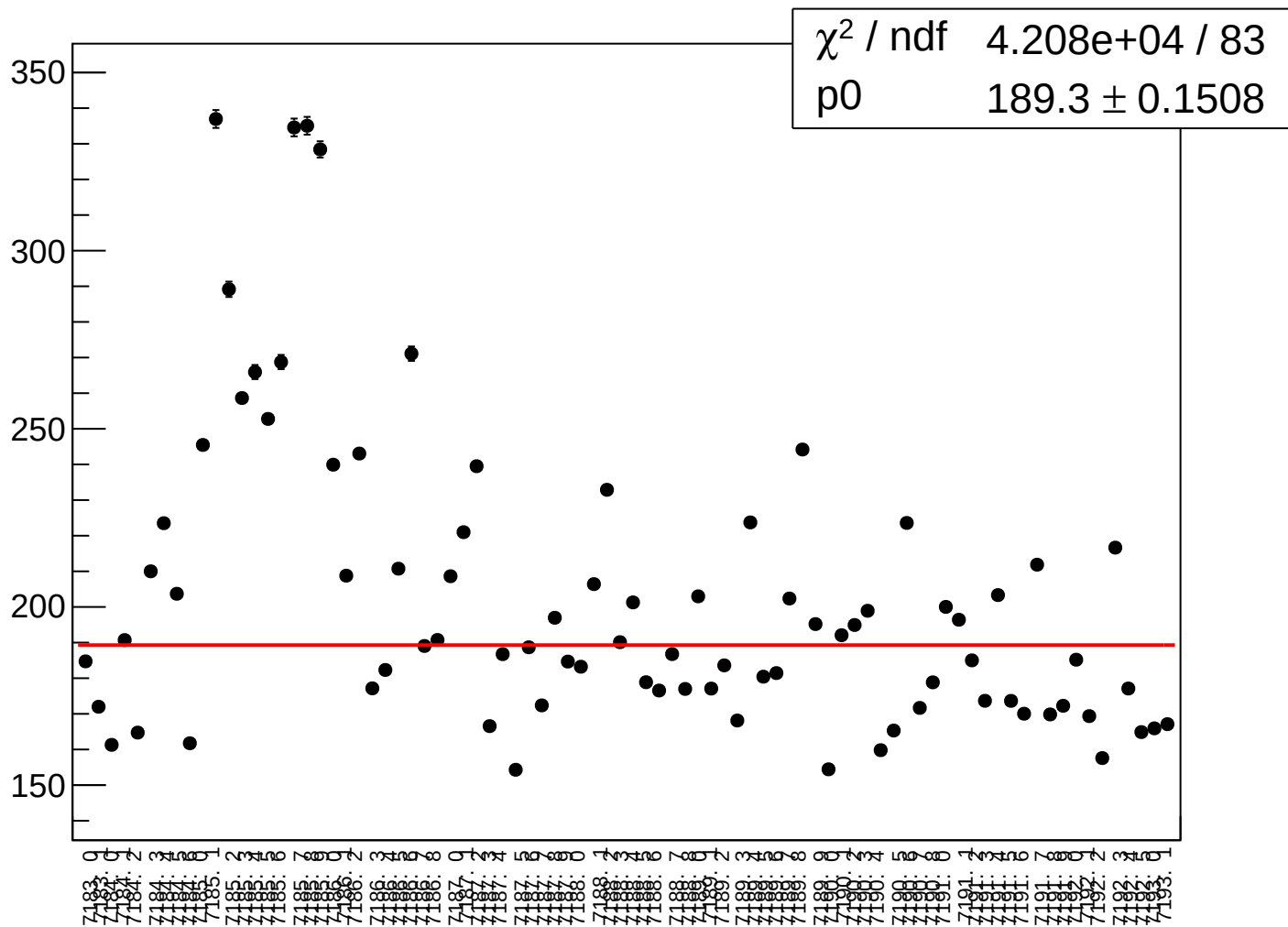
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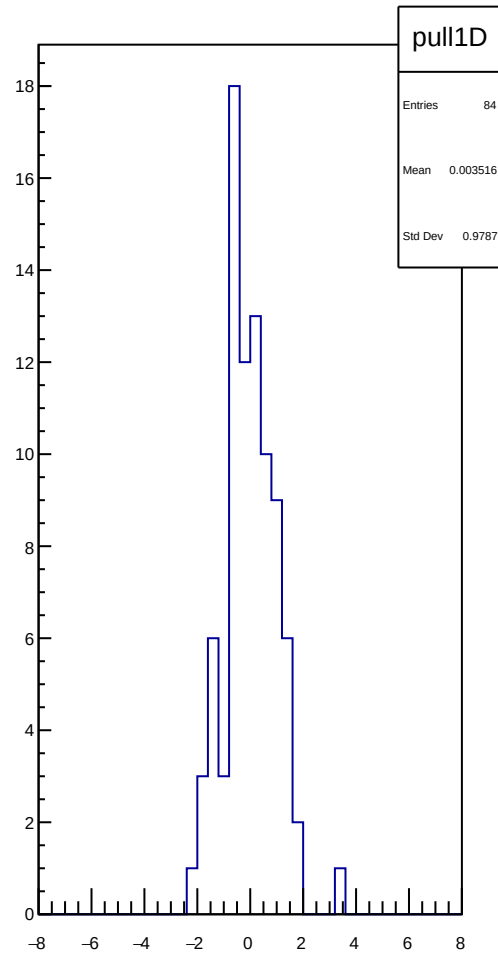
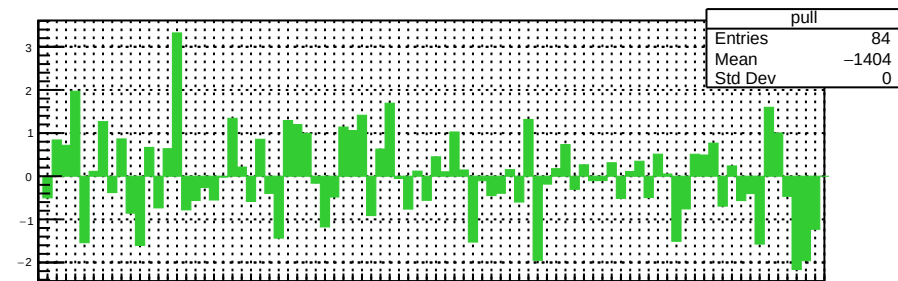
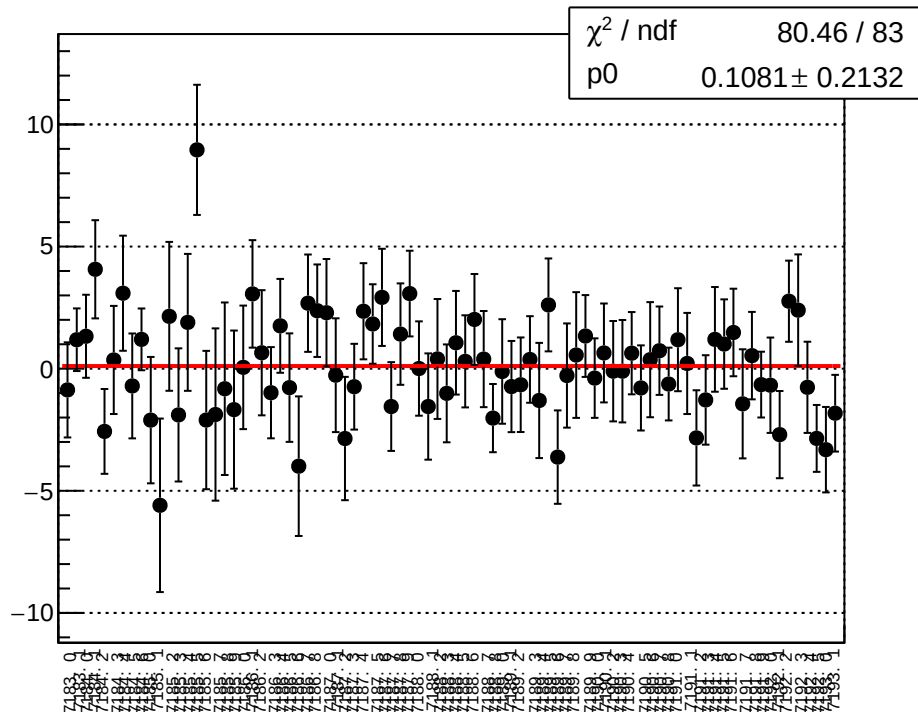
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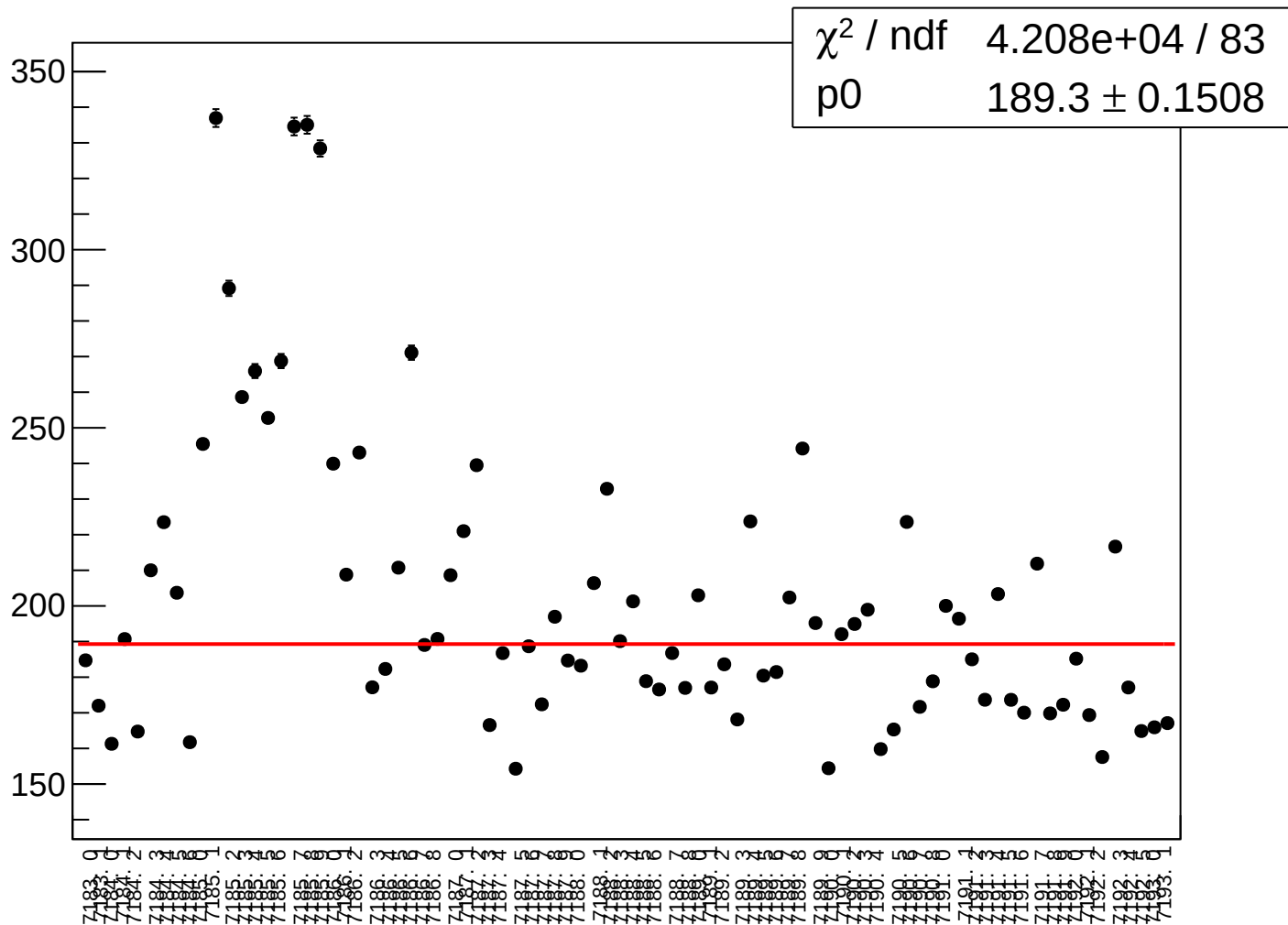
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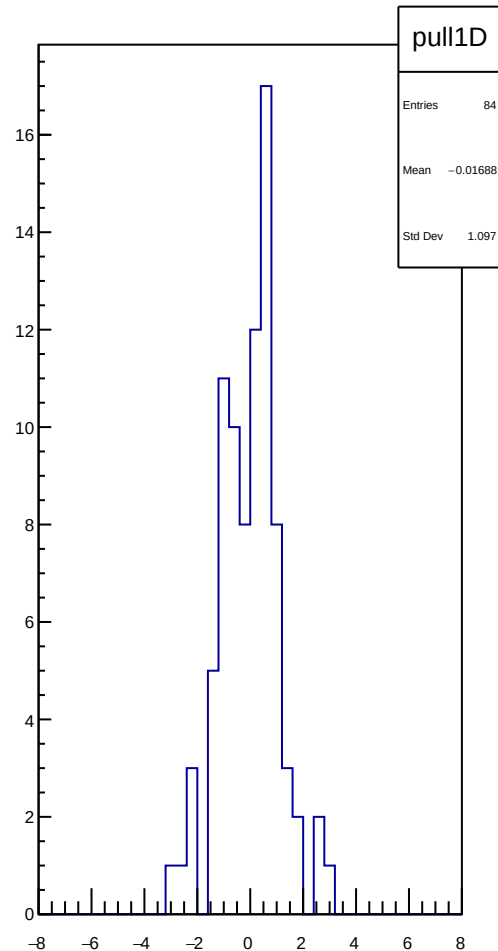
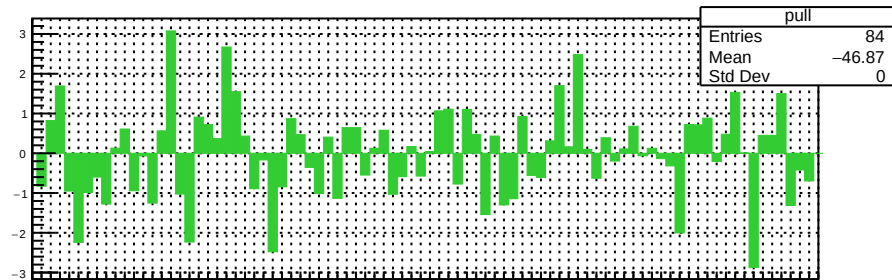
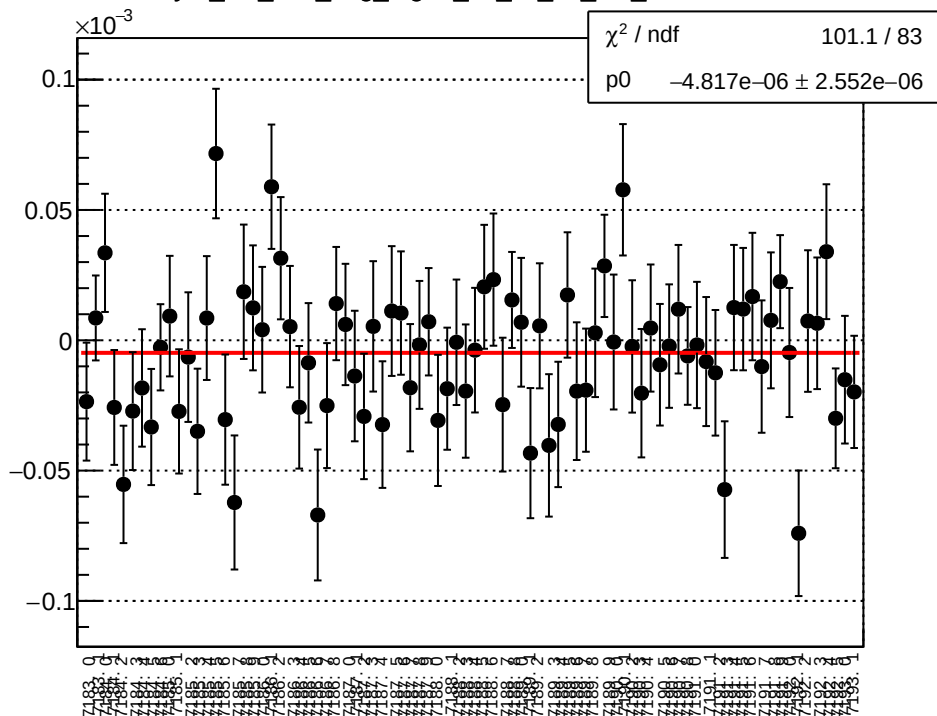
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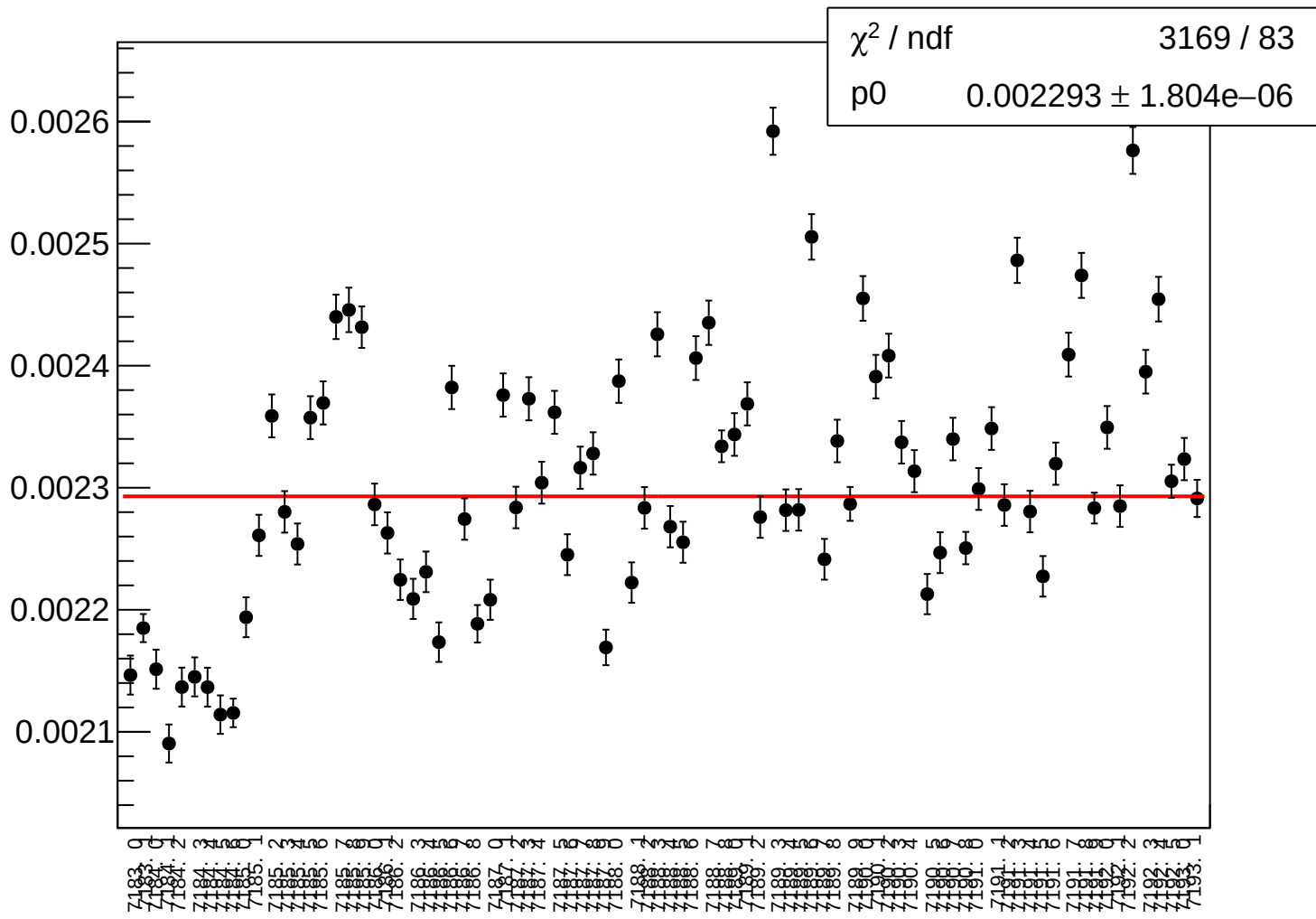
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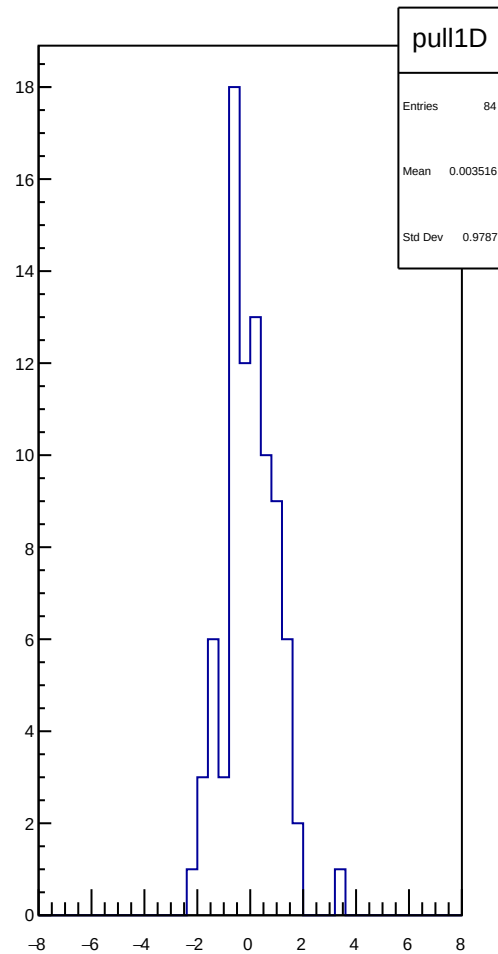
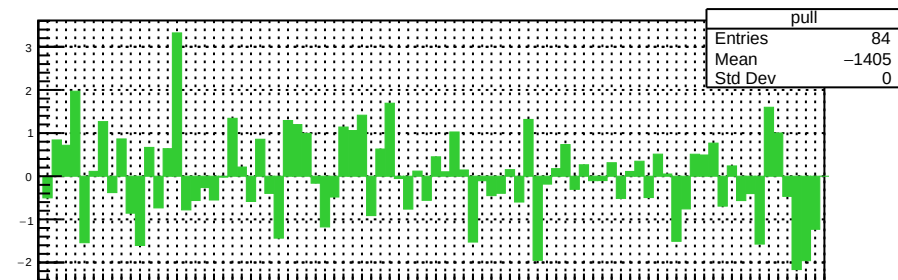
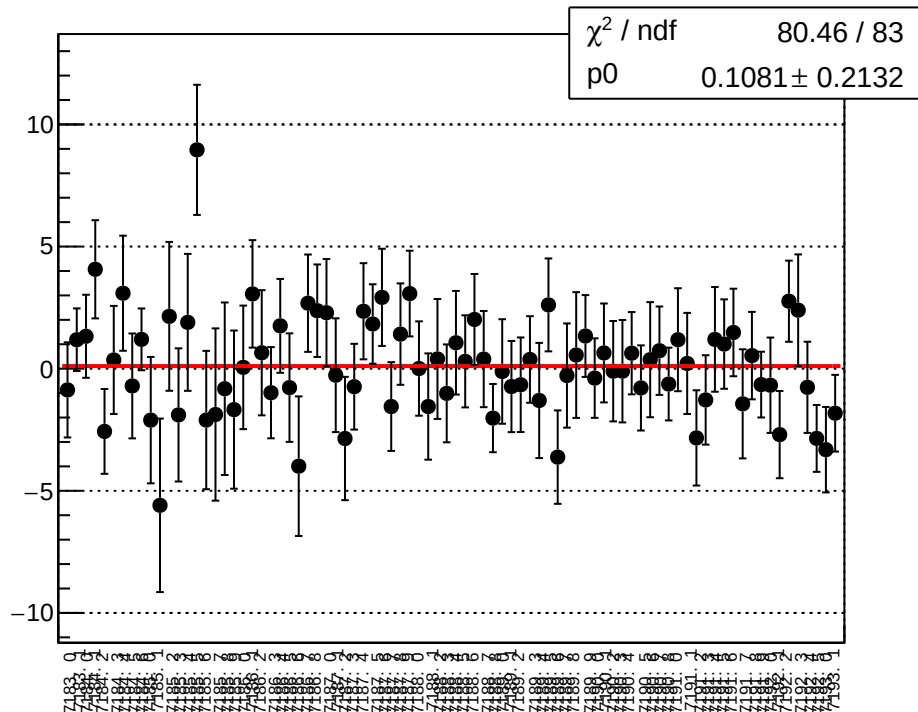
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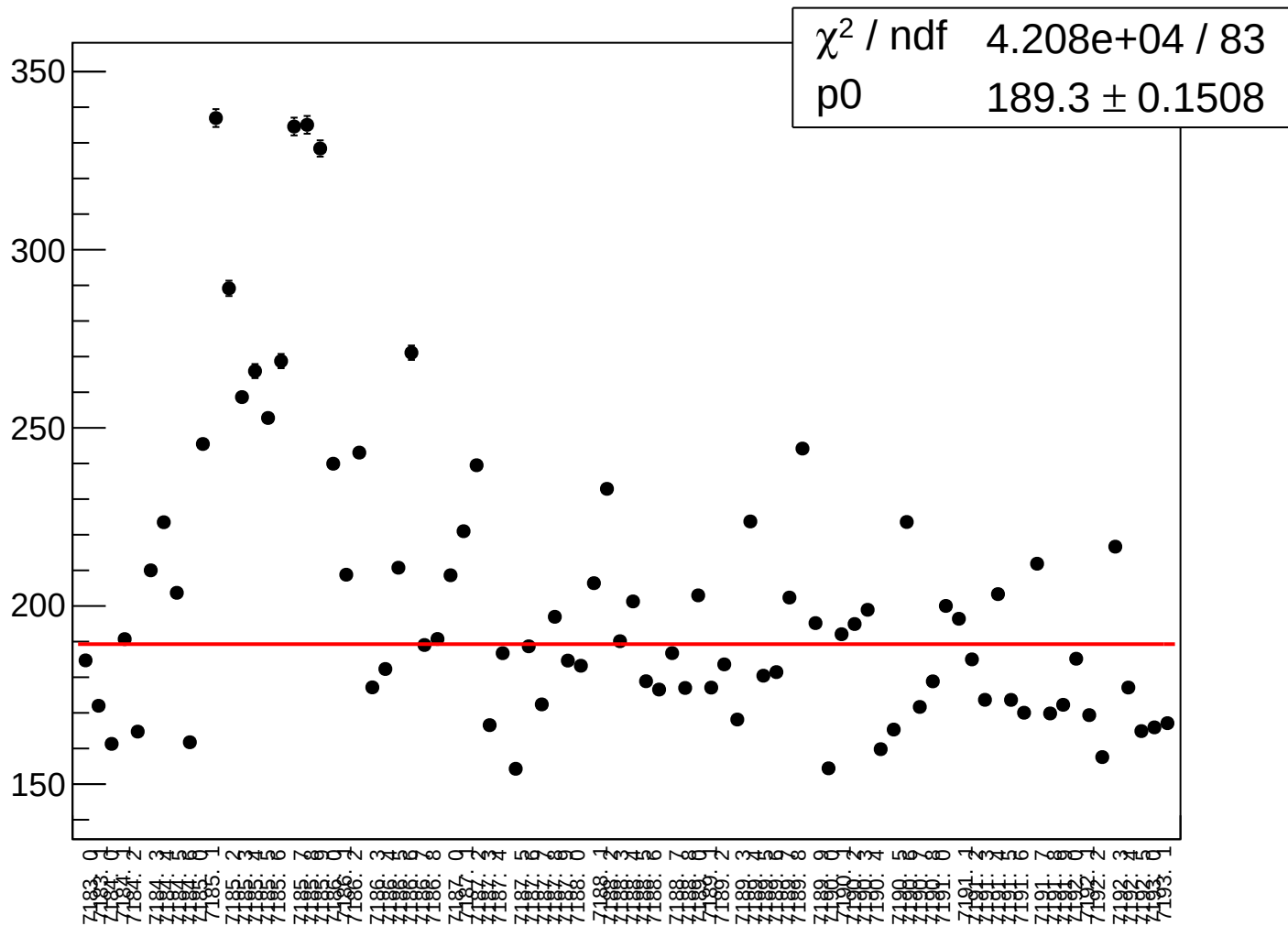
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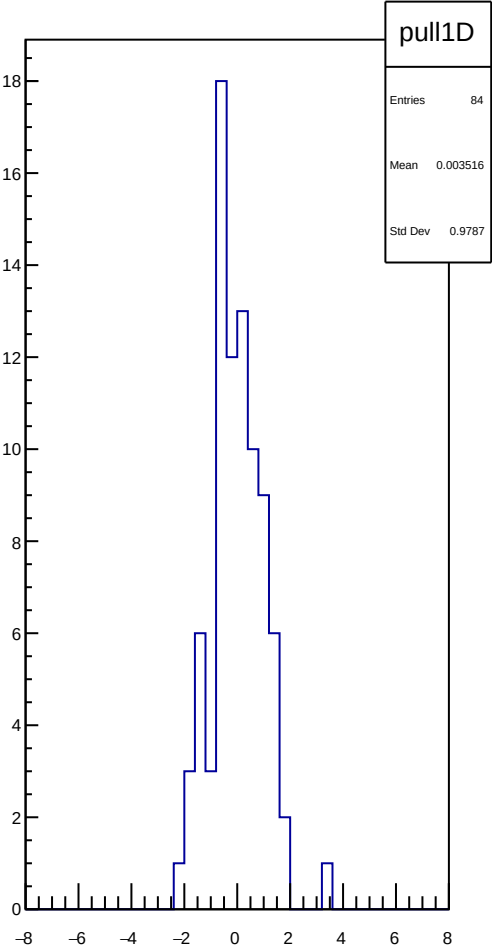
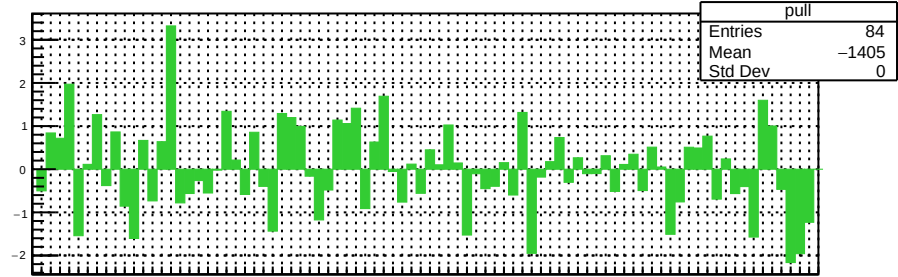
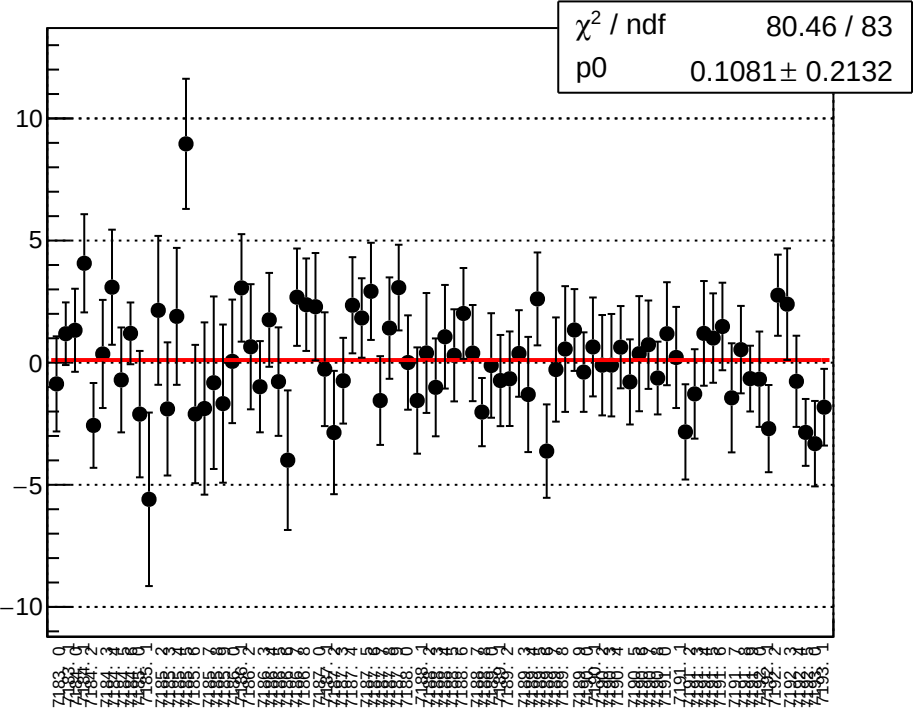
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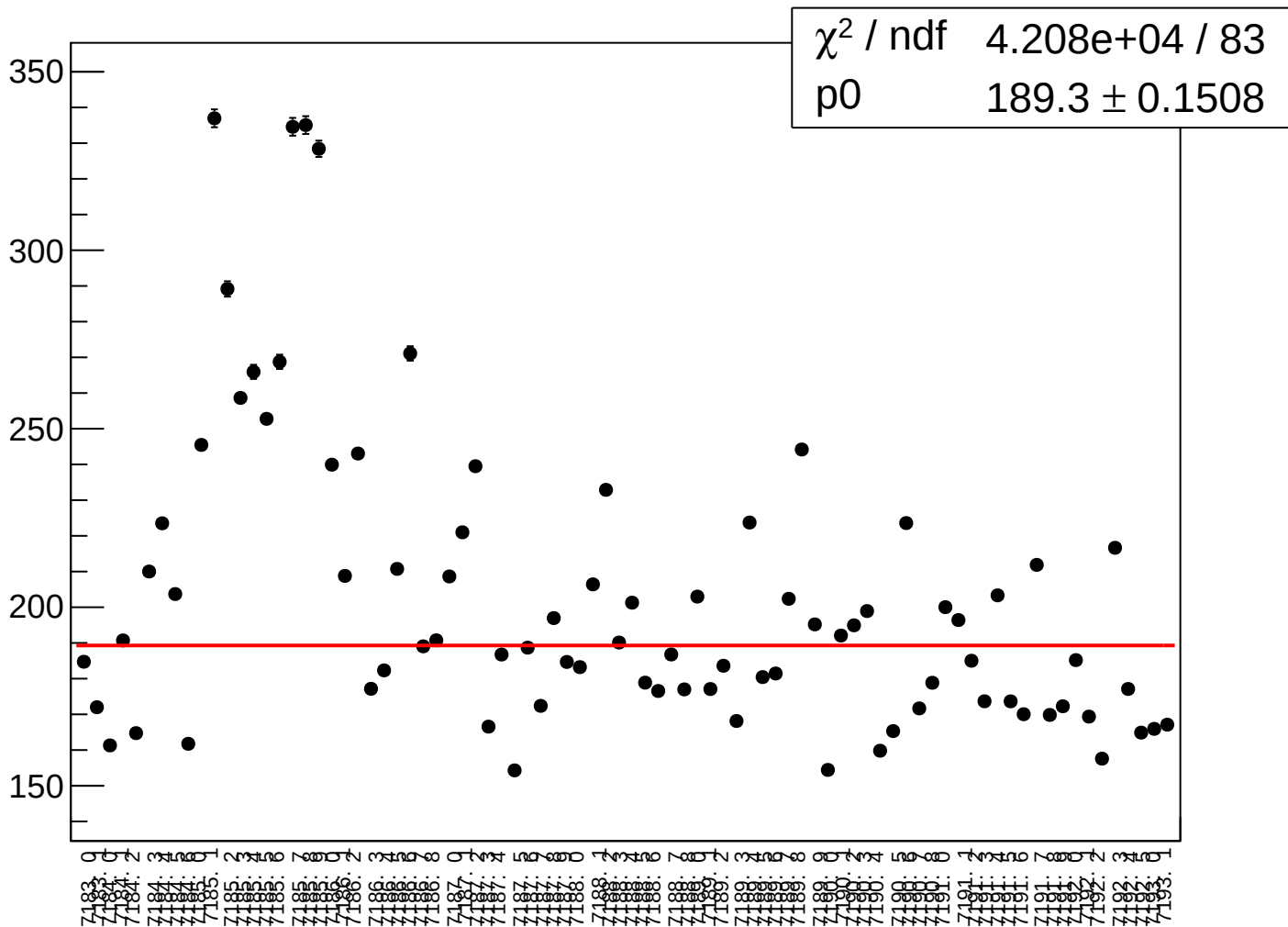
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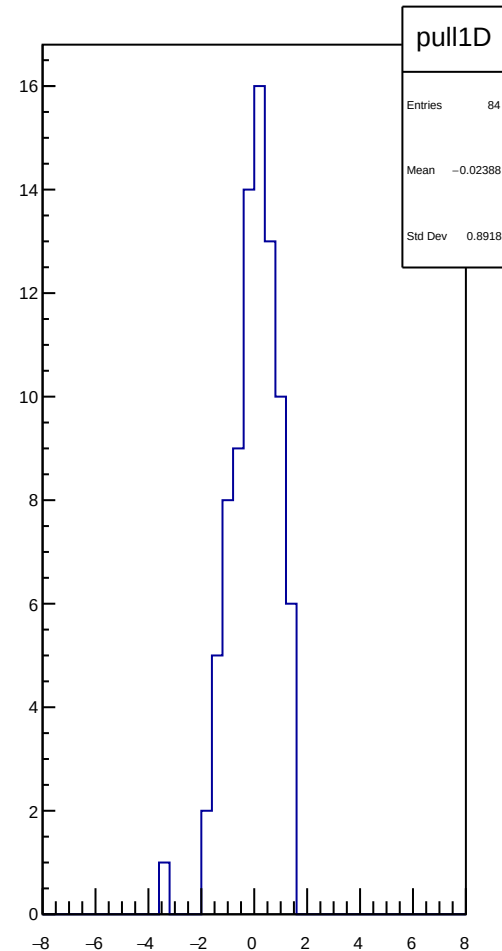
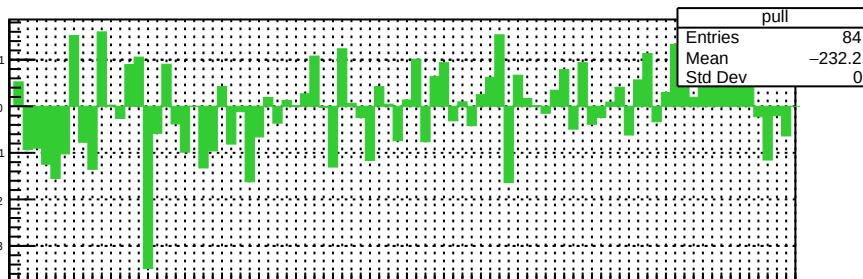
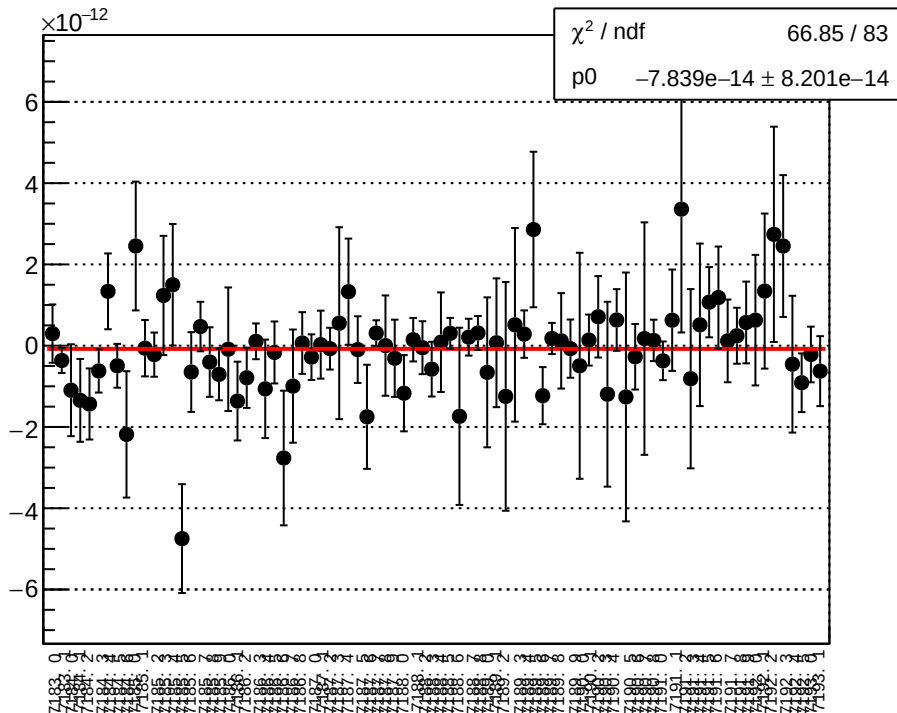
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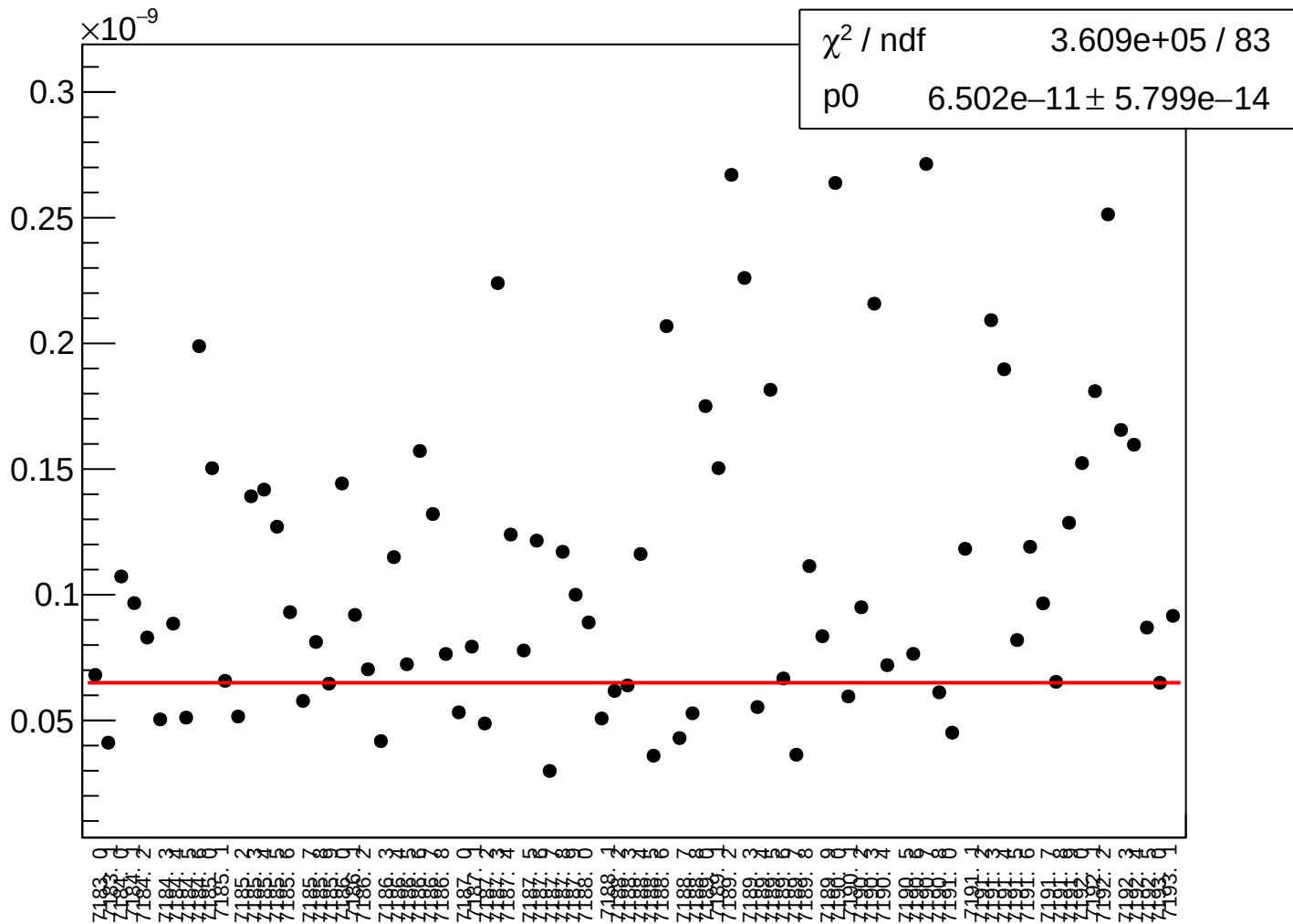
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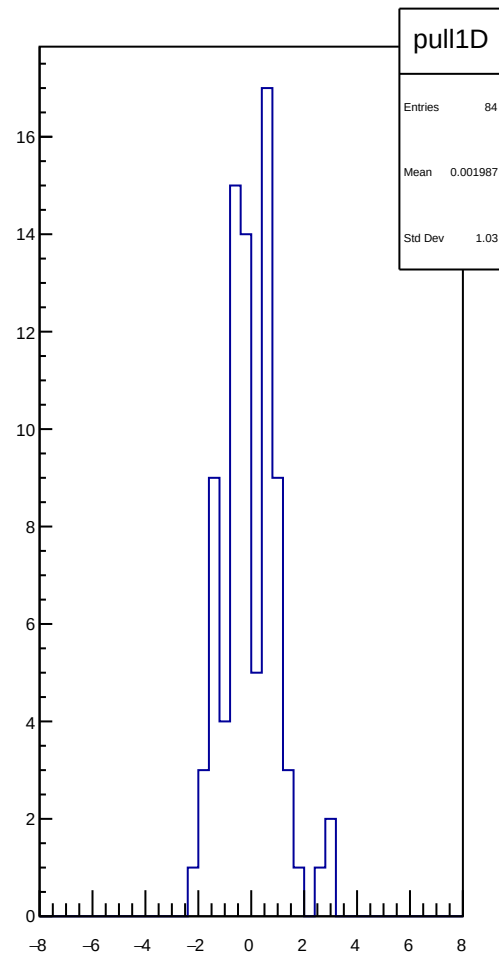
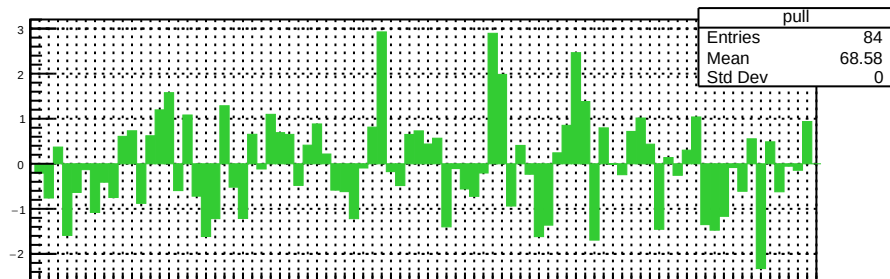
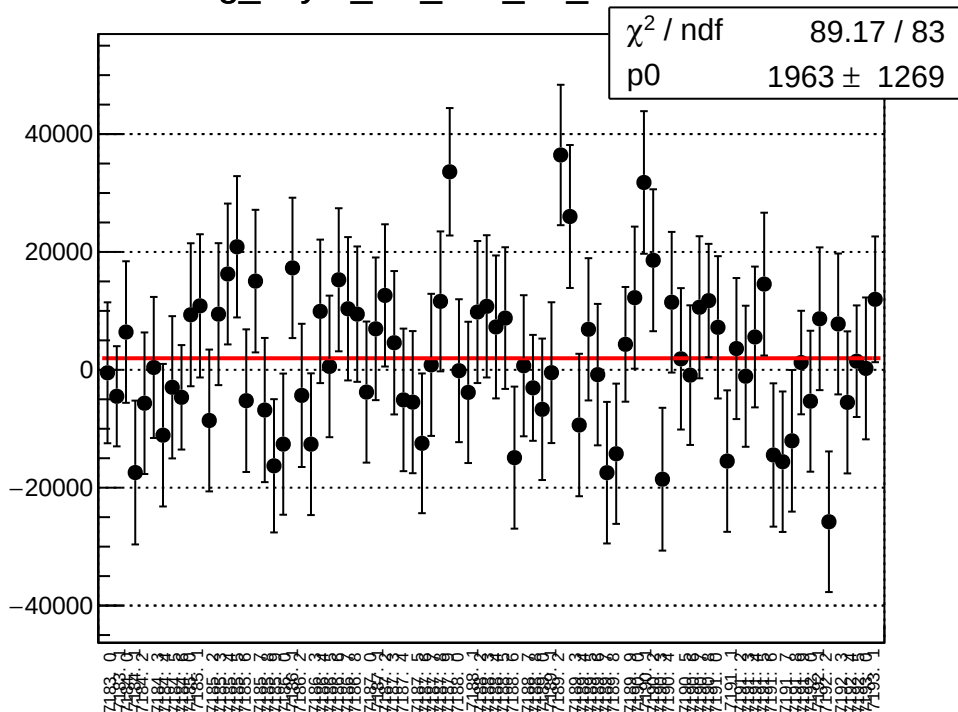
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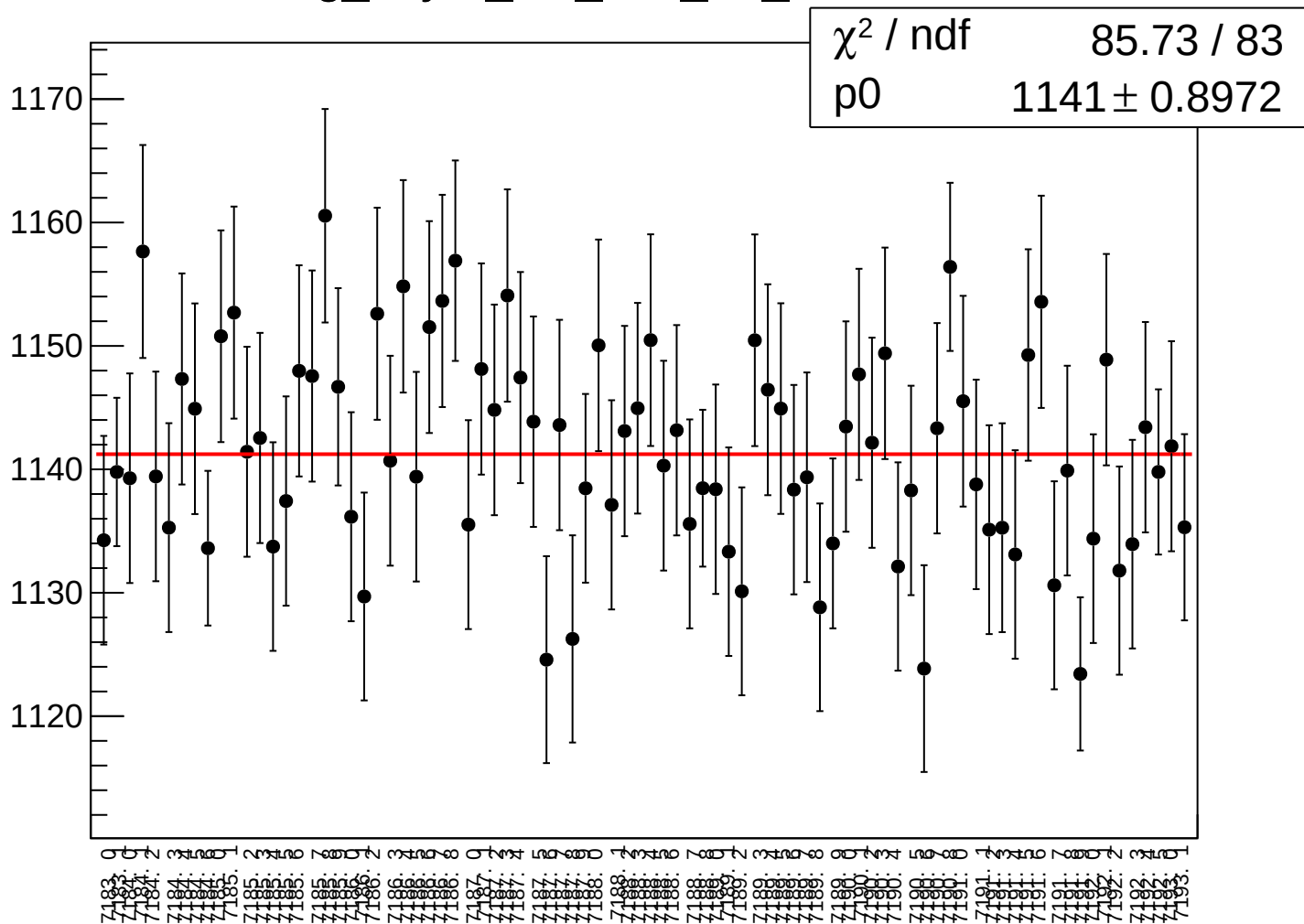
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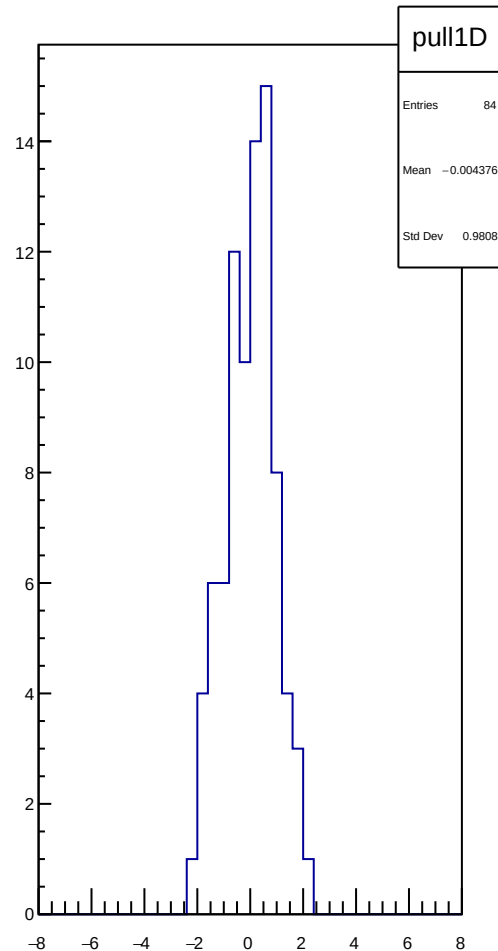
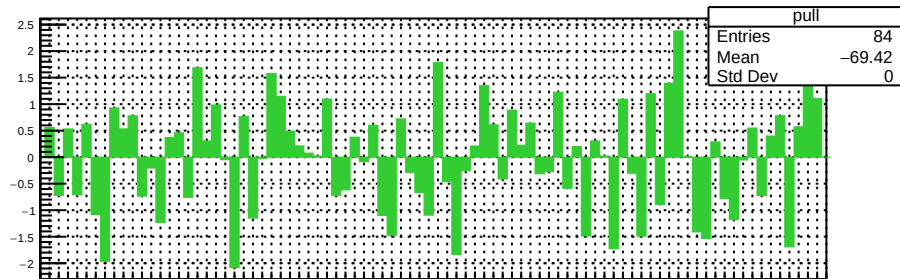
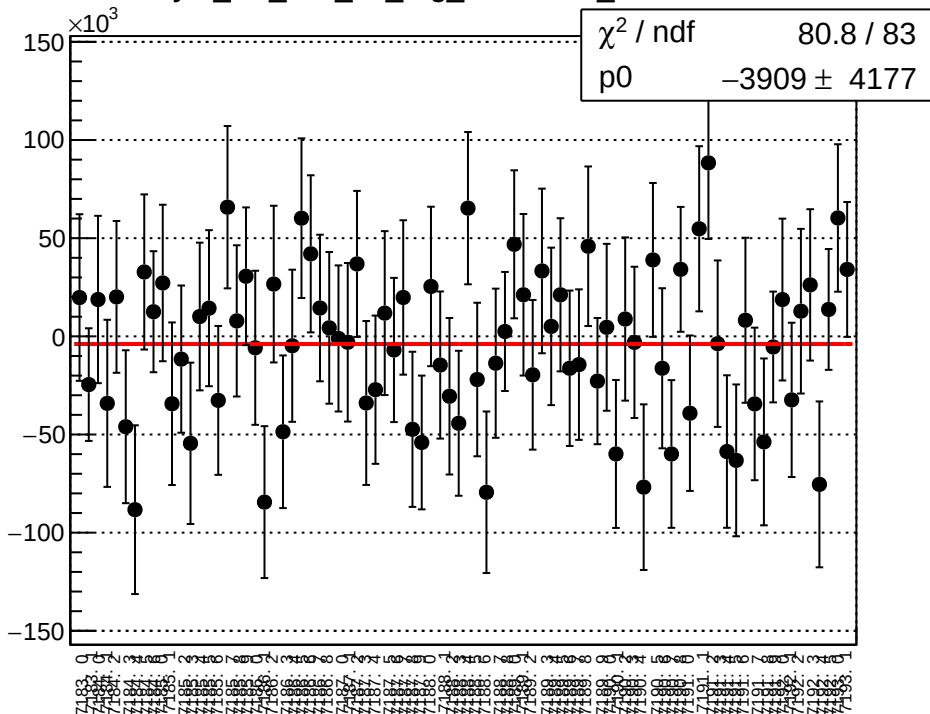
reg_asym_usl_atl2_dd_mean vs run



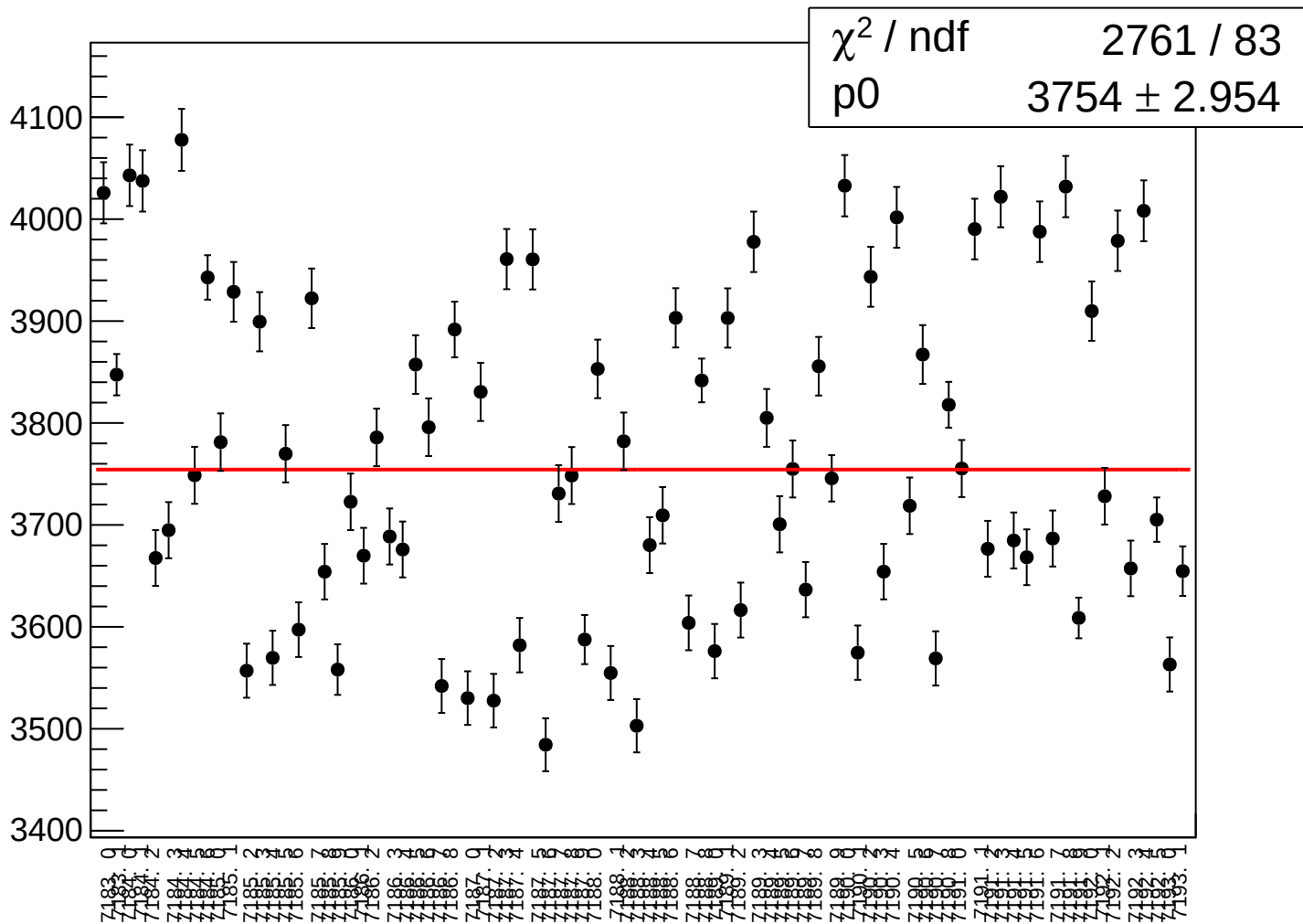
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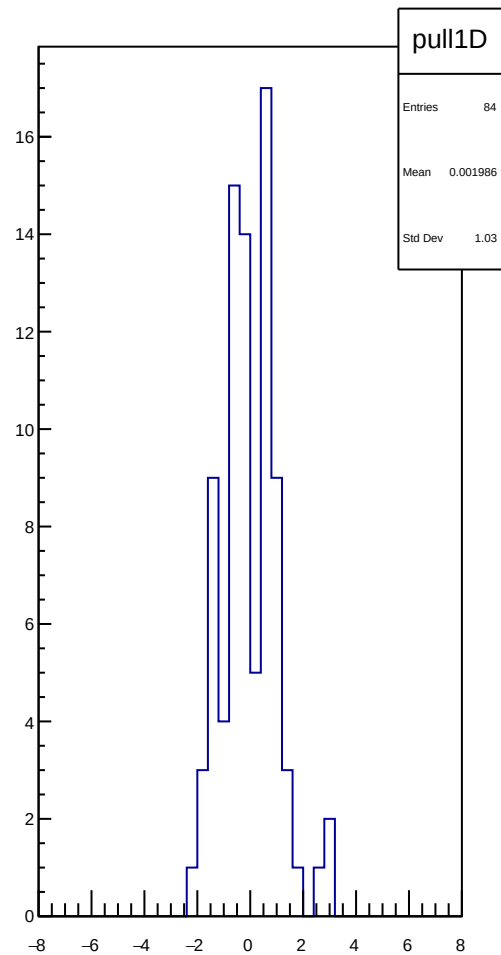
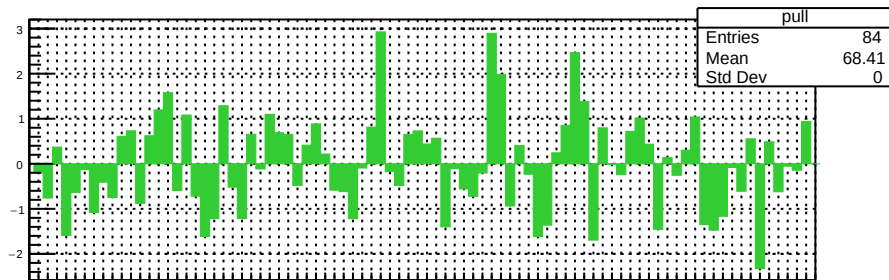
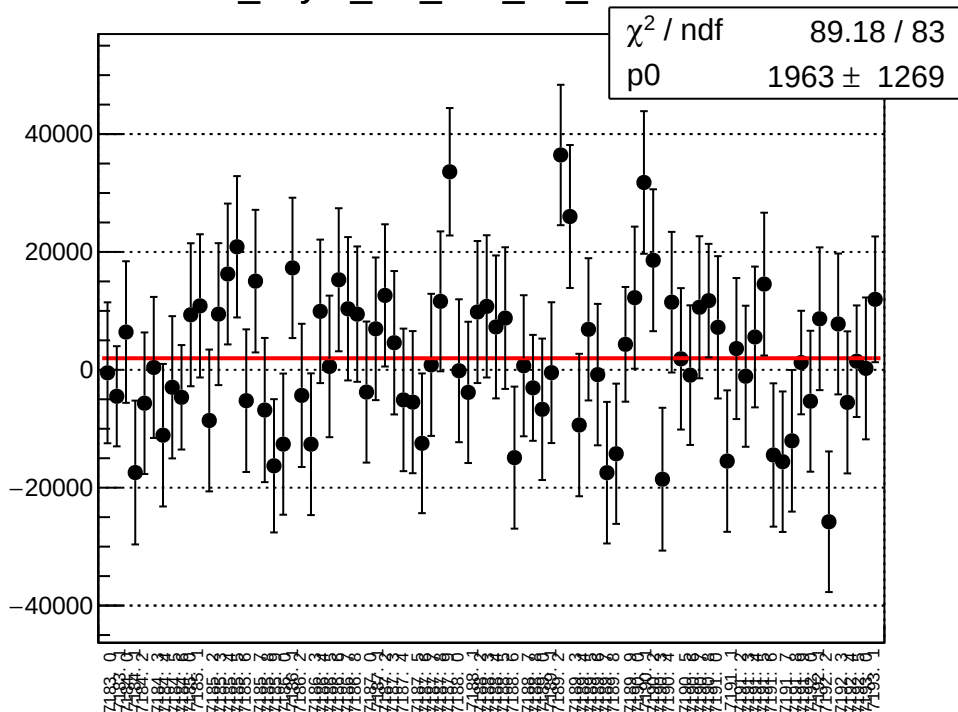
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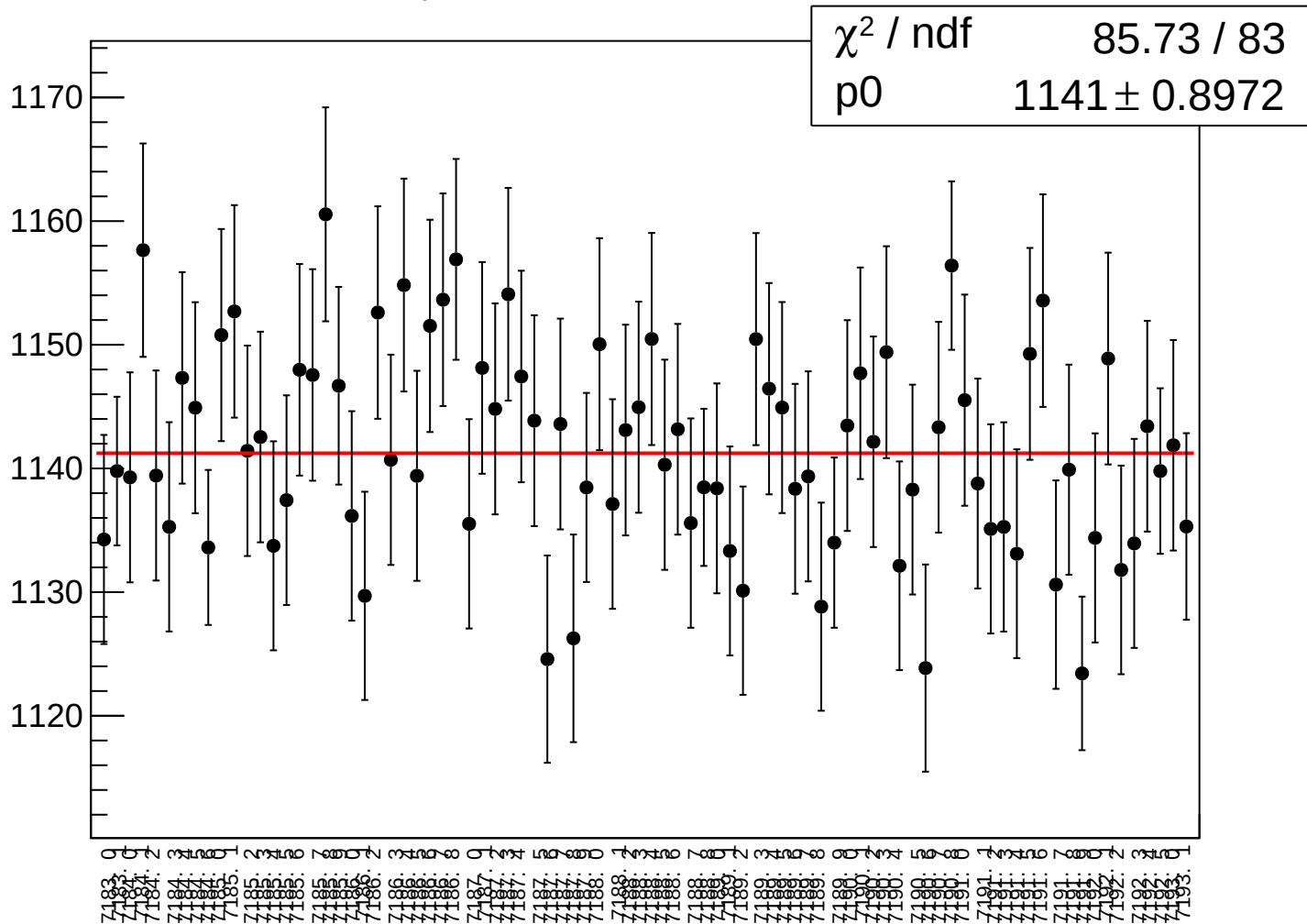
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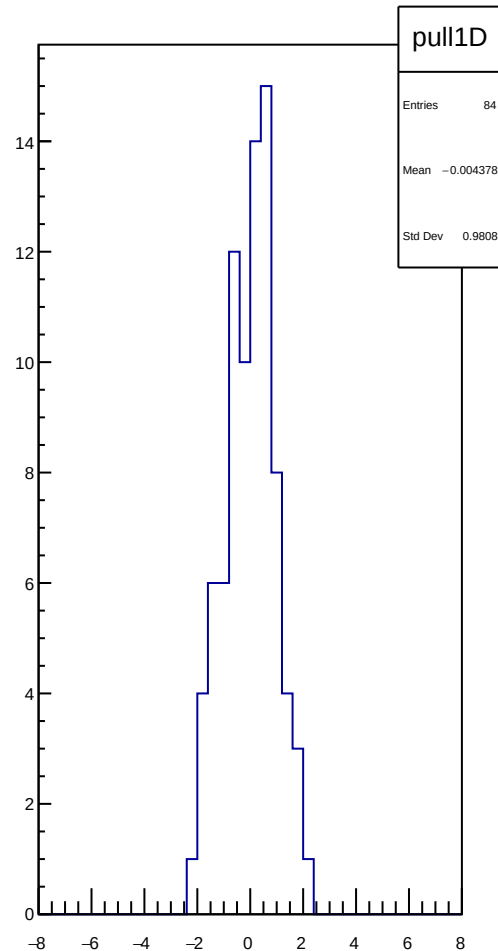
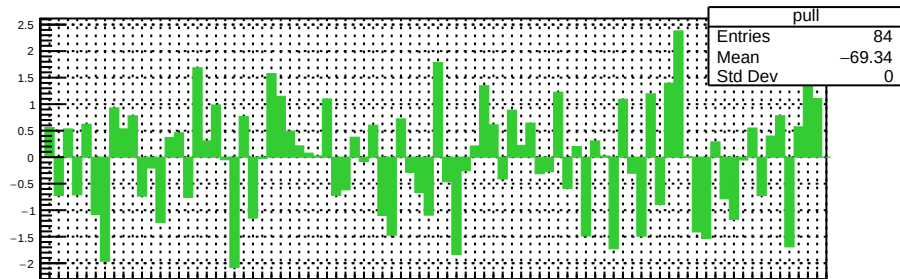
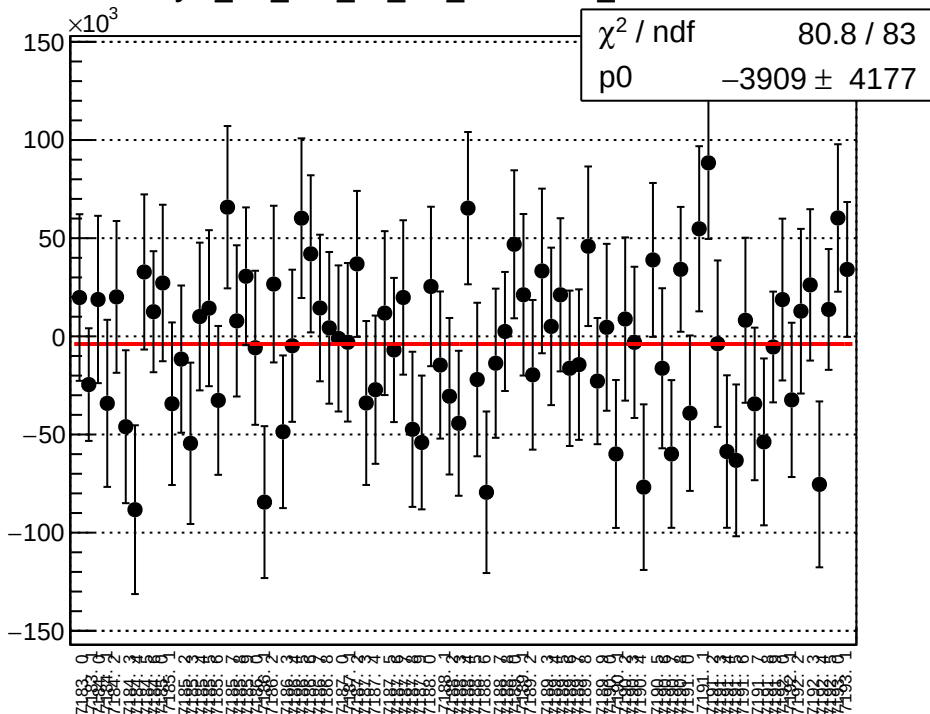
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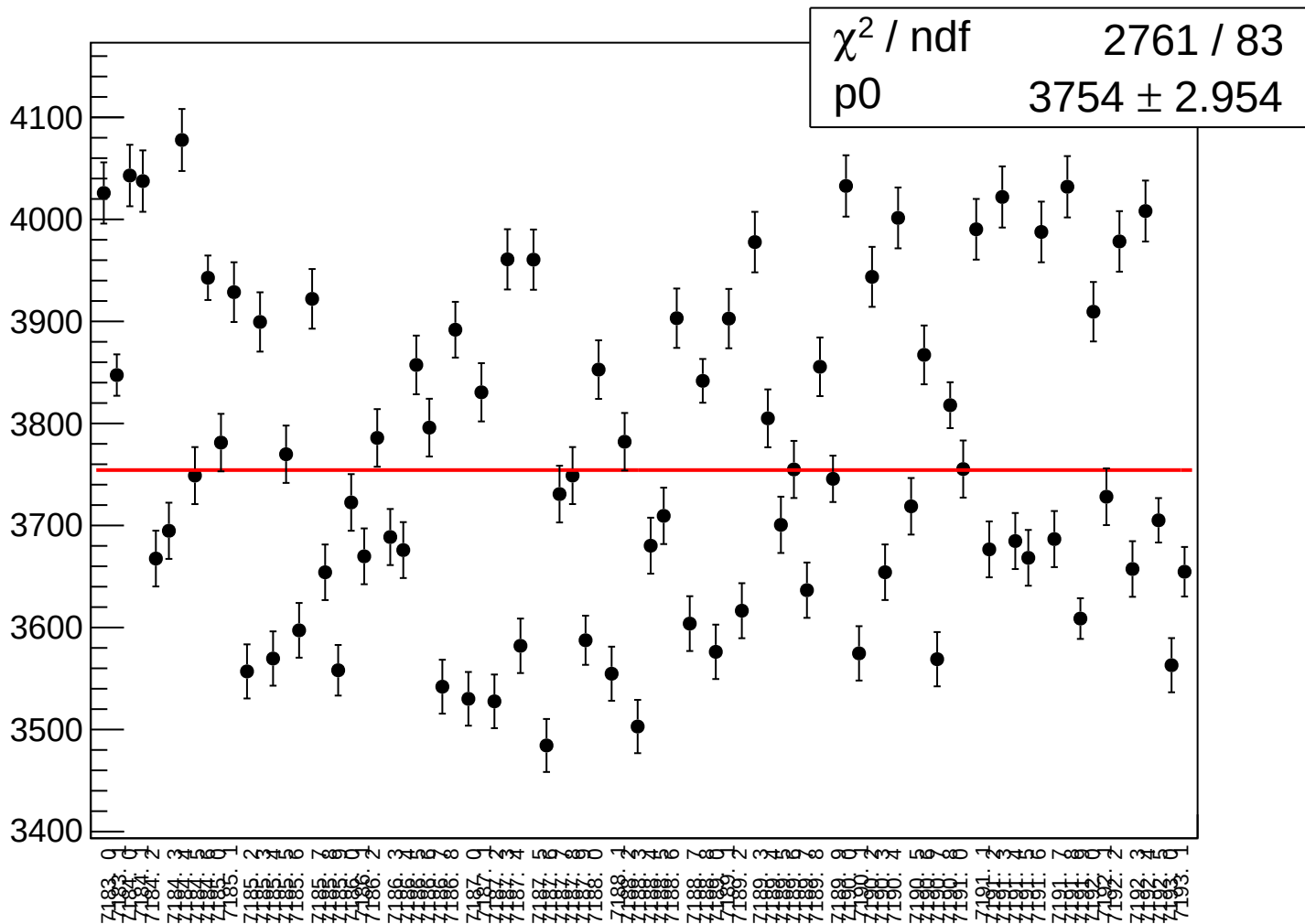
cor_asym_usl_atl2_dd_rms vs run



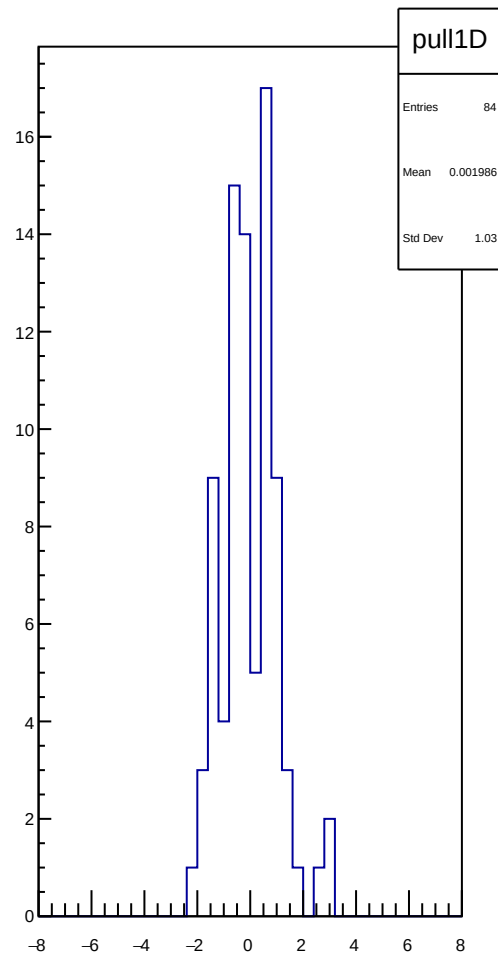
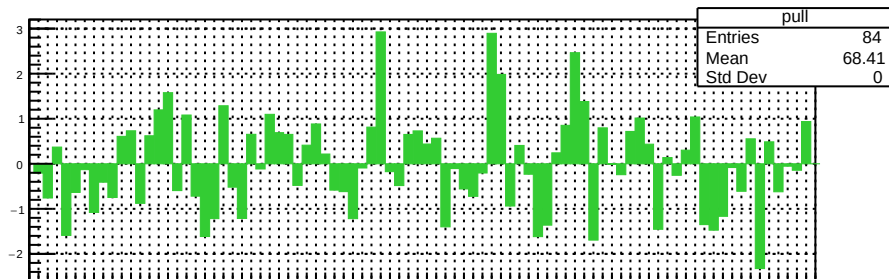
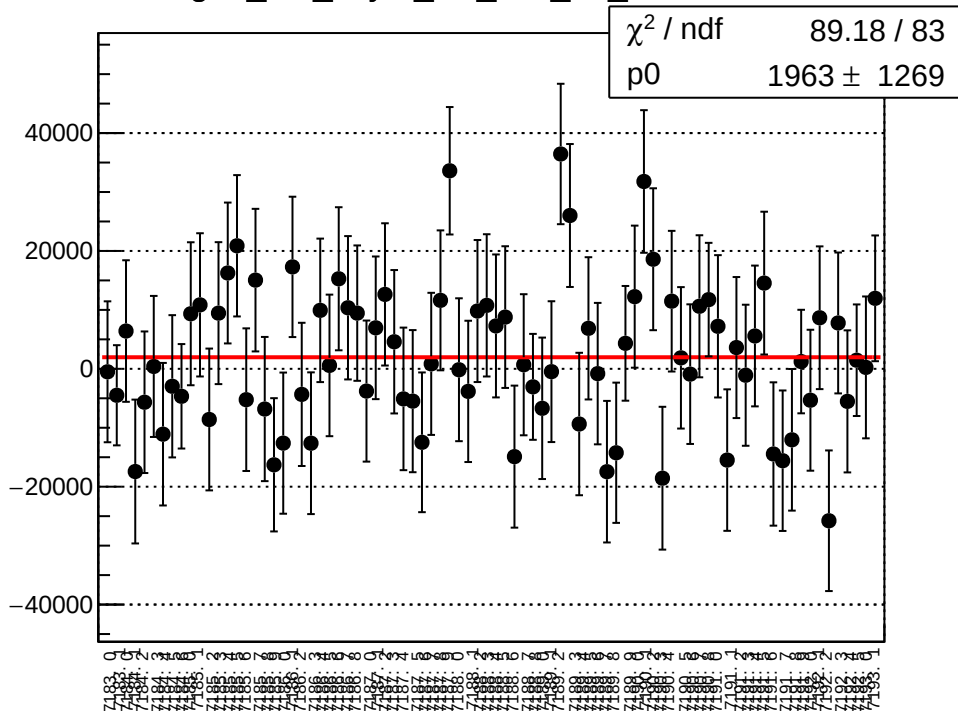
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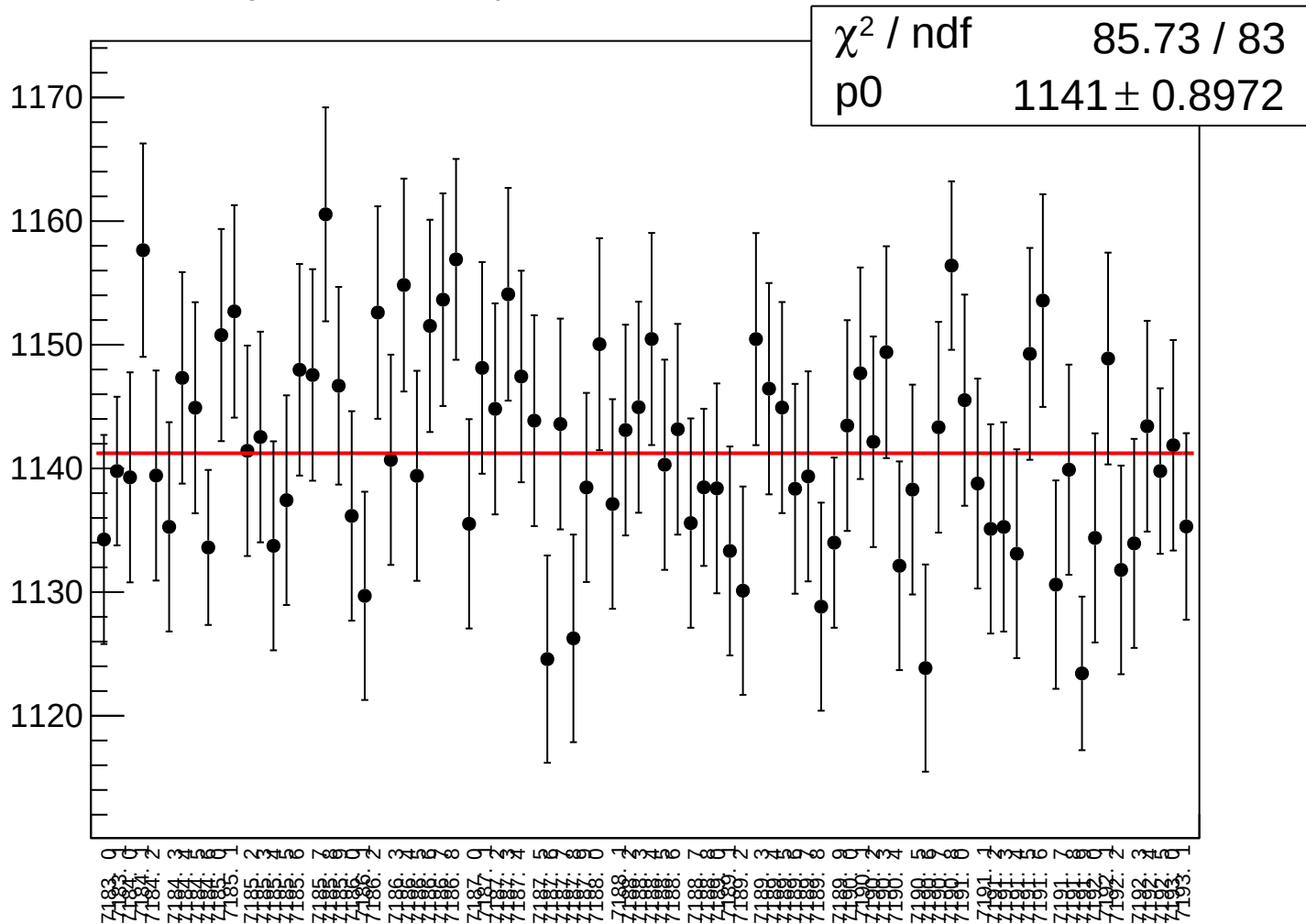
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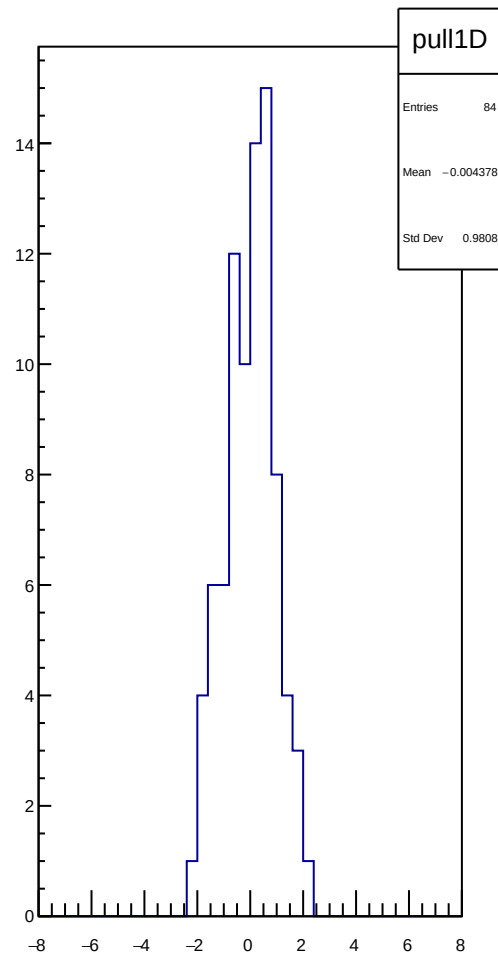
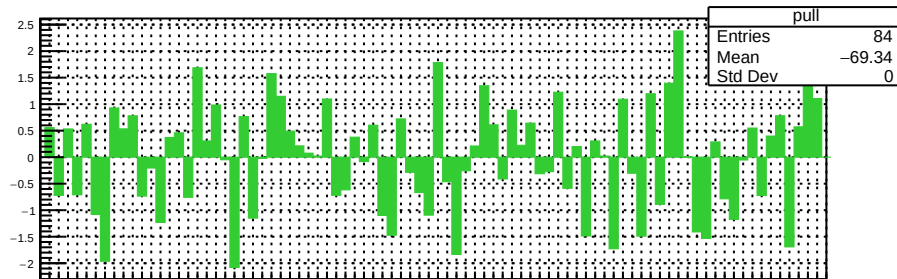
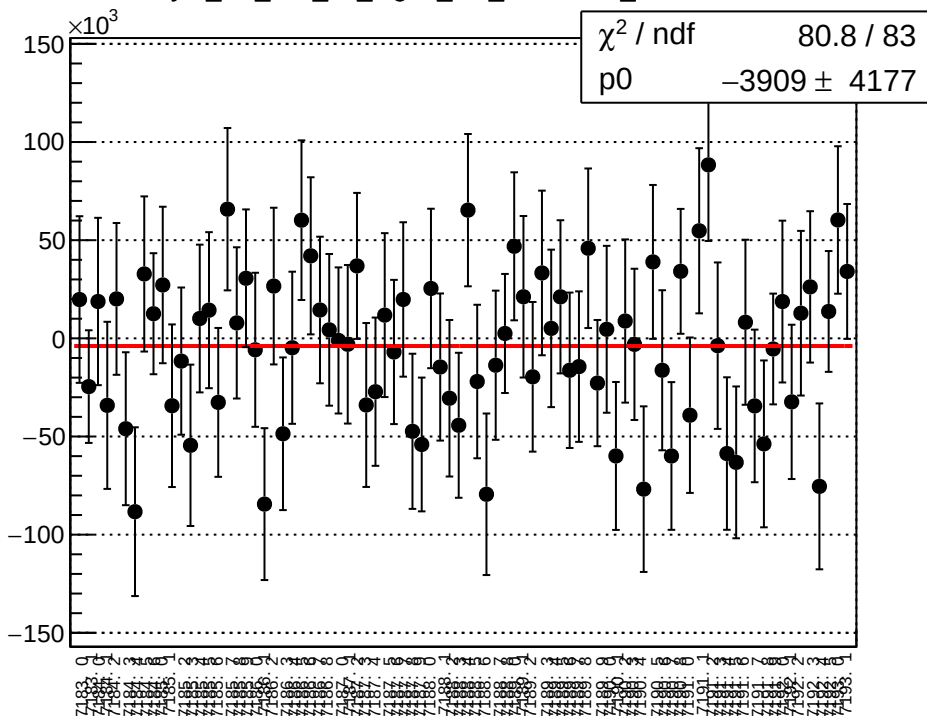
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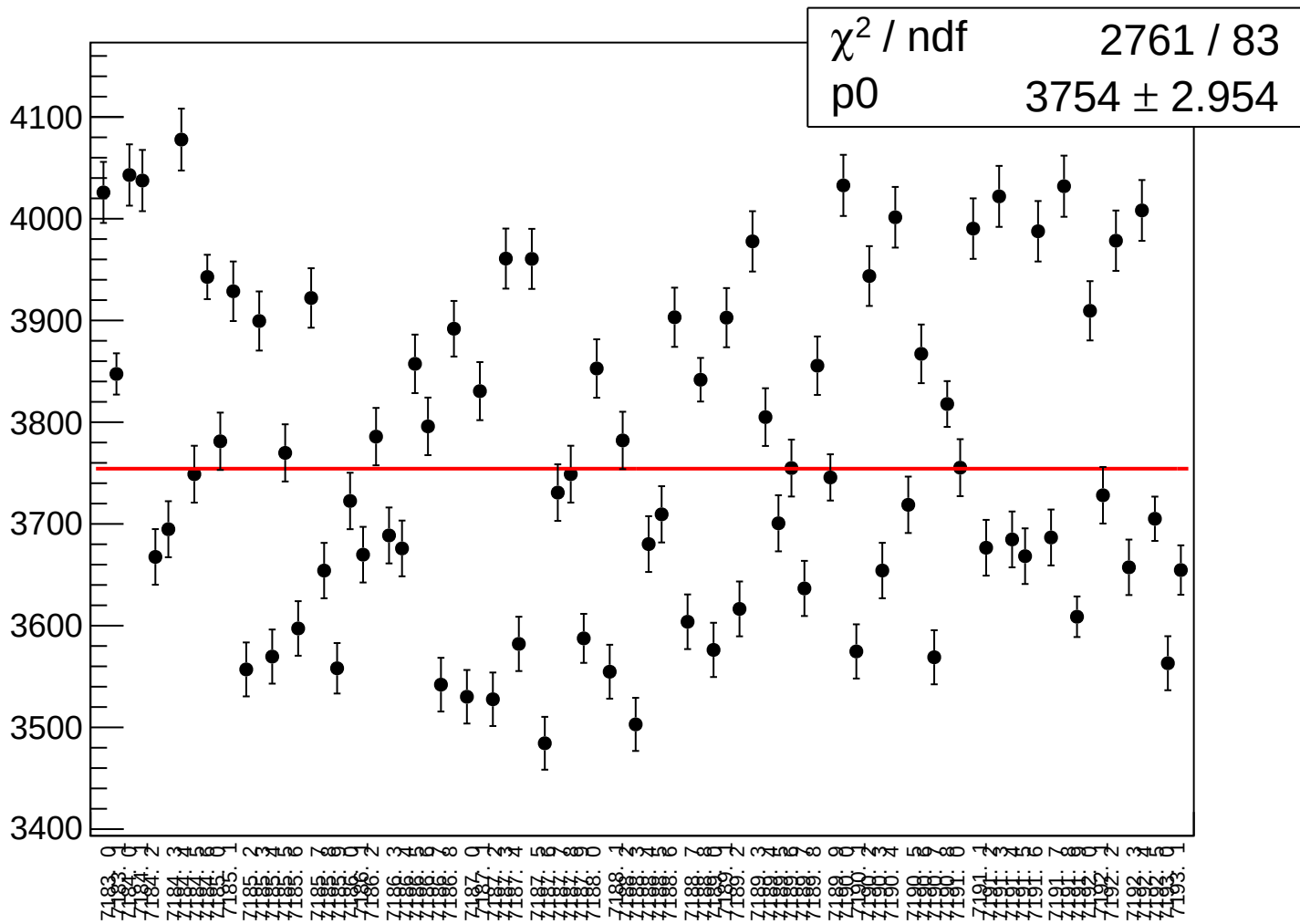
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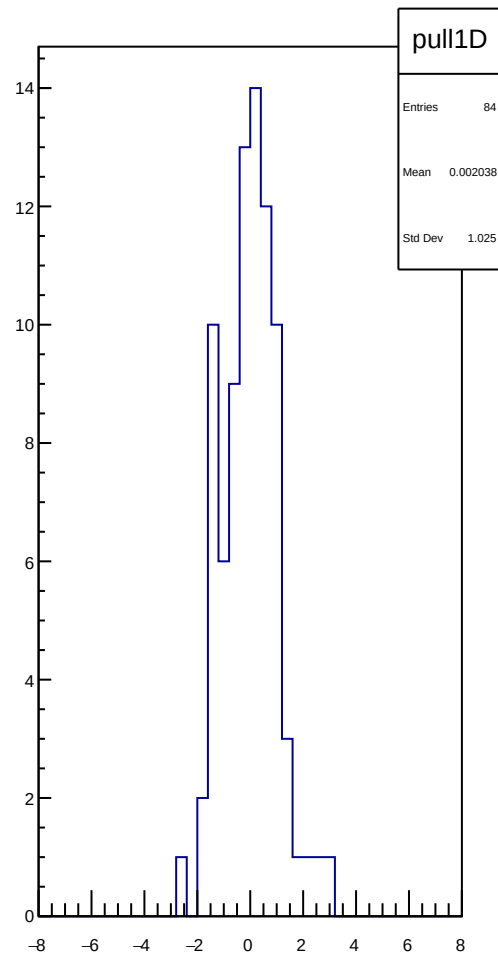
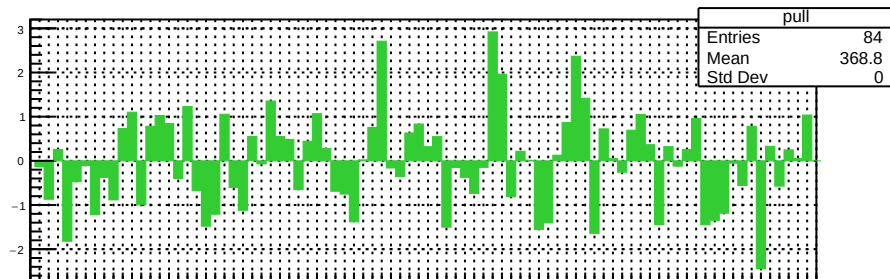
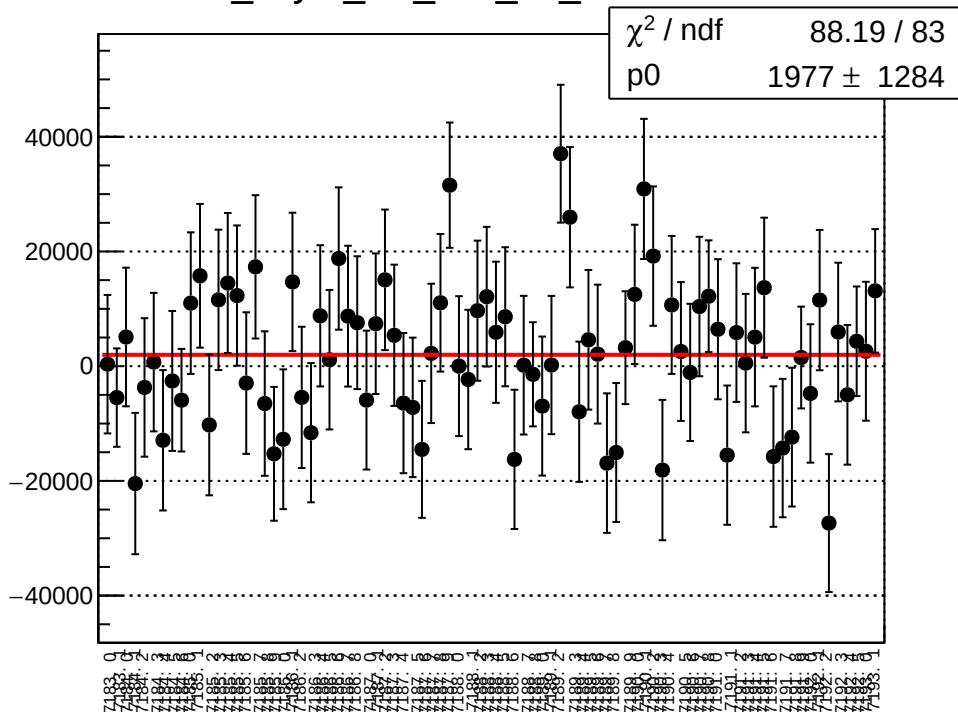
asym_usl_atl2_dd_eigen_cor_correction_mean vs run



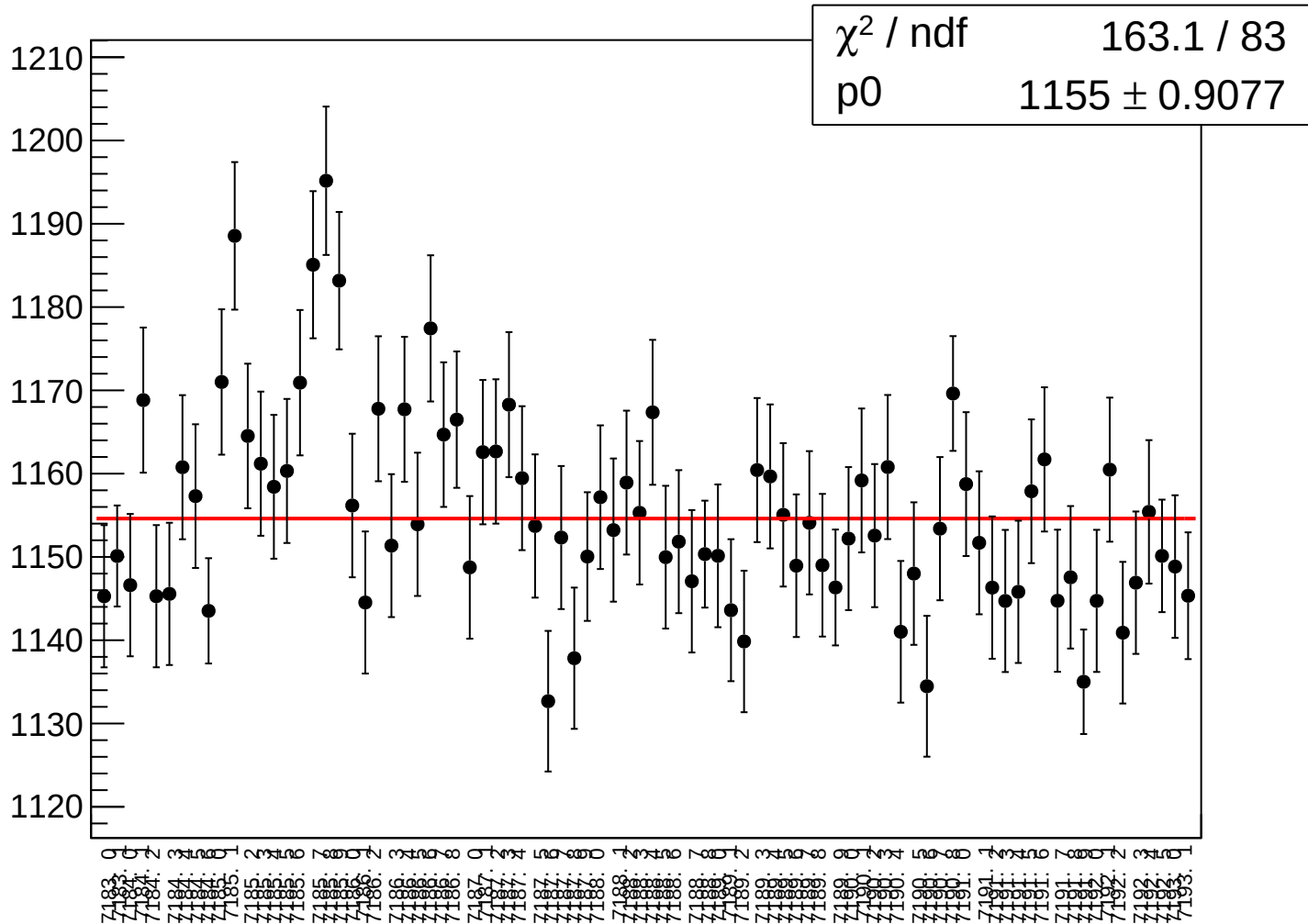
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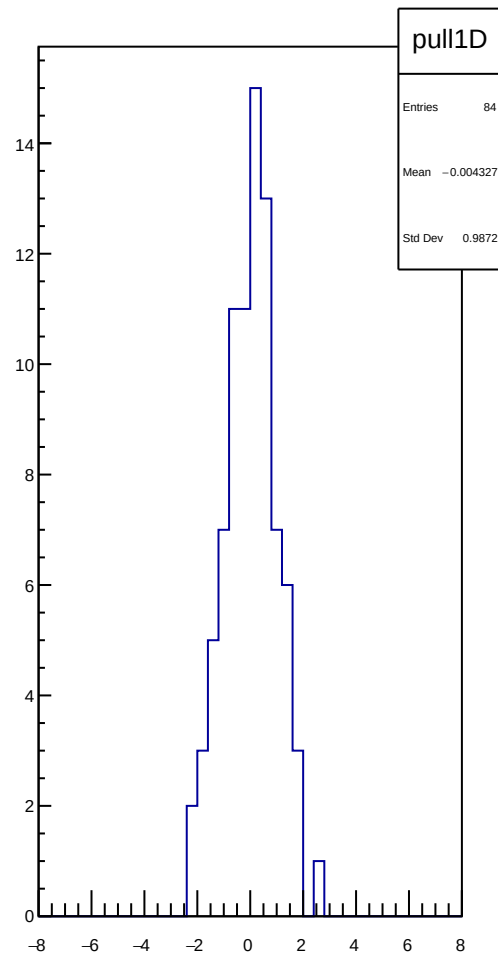
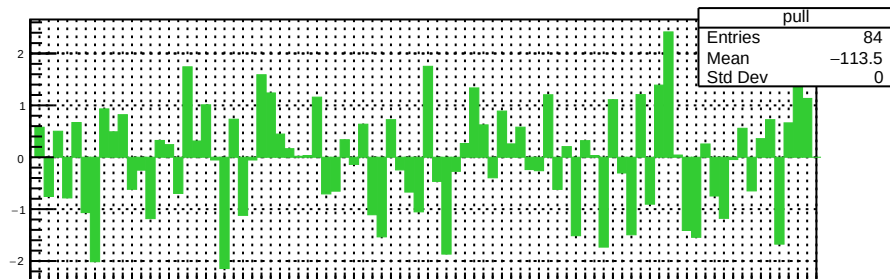
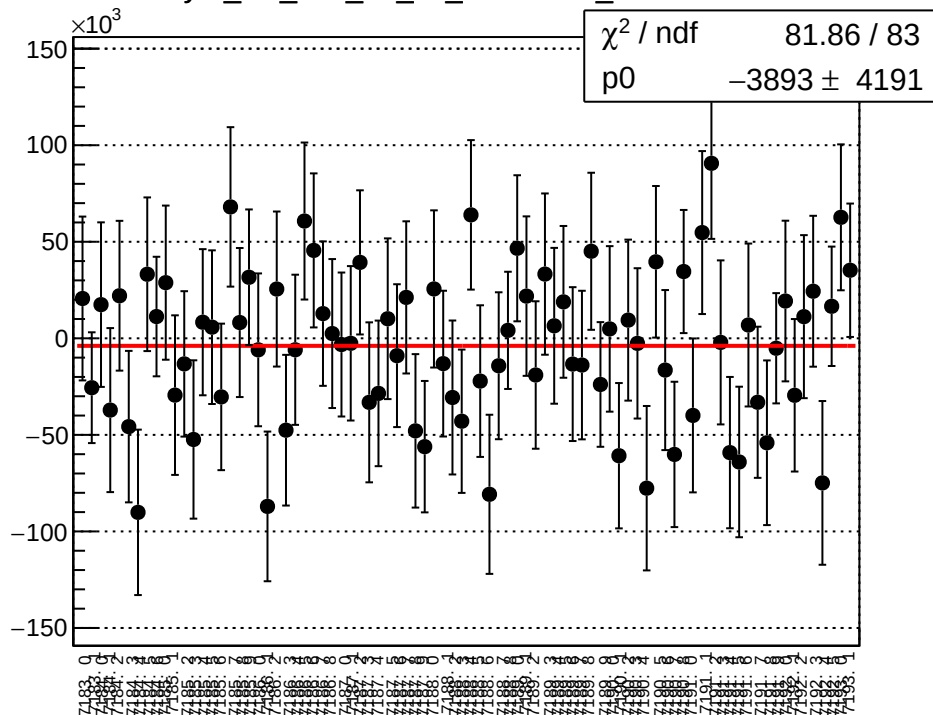
dit_asym_usl_atl2_dd_mean vs run



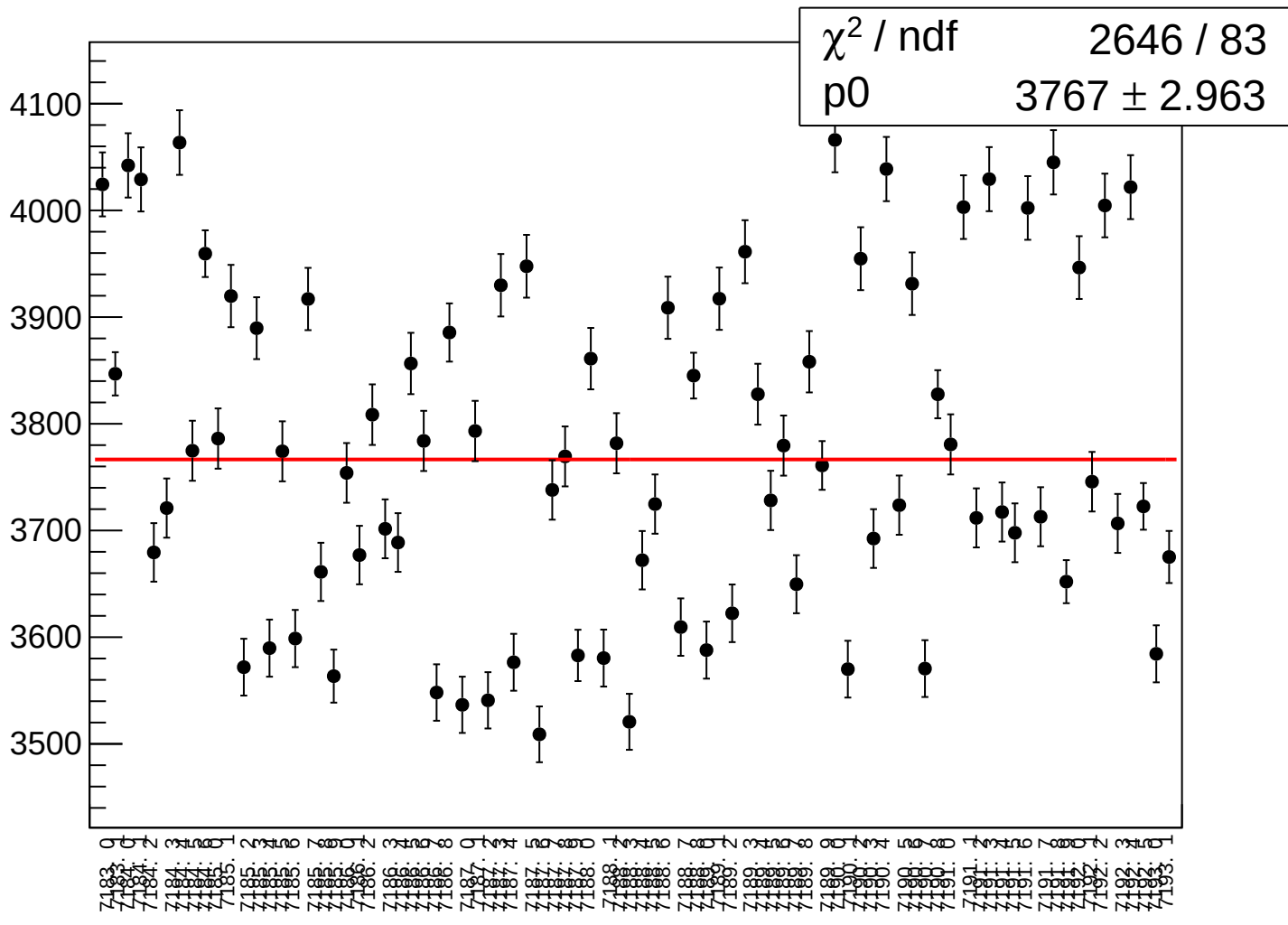
dit_asym_usl_atl2_dd_rms vs run



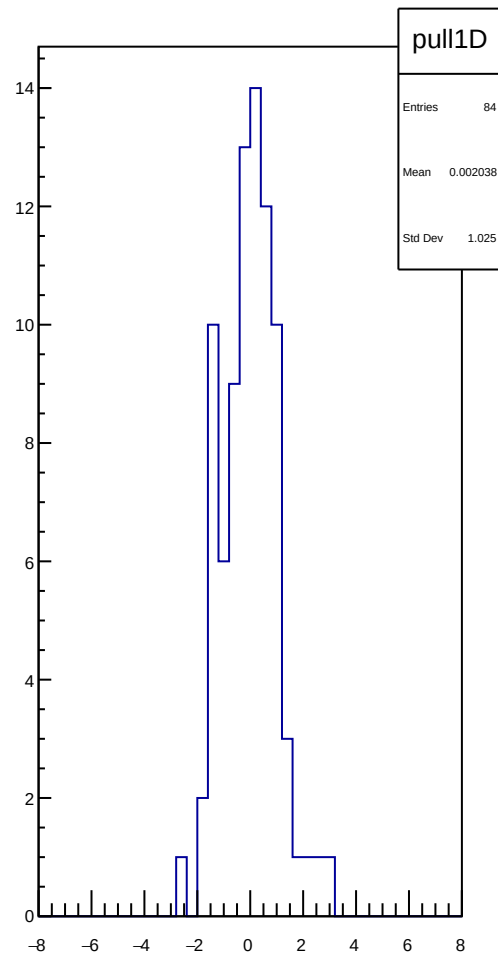
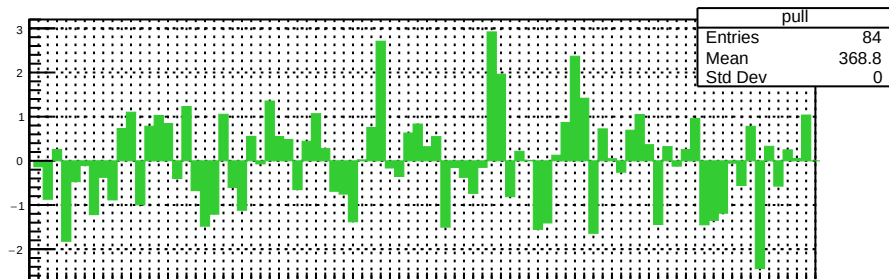
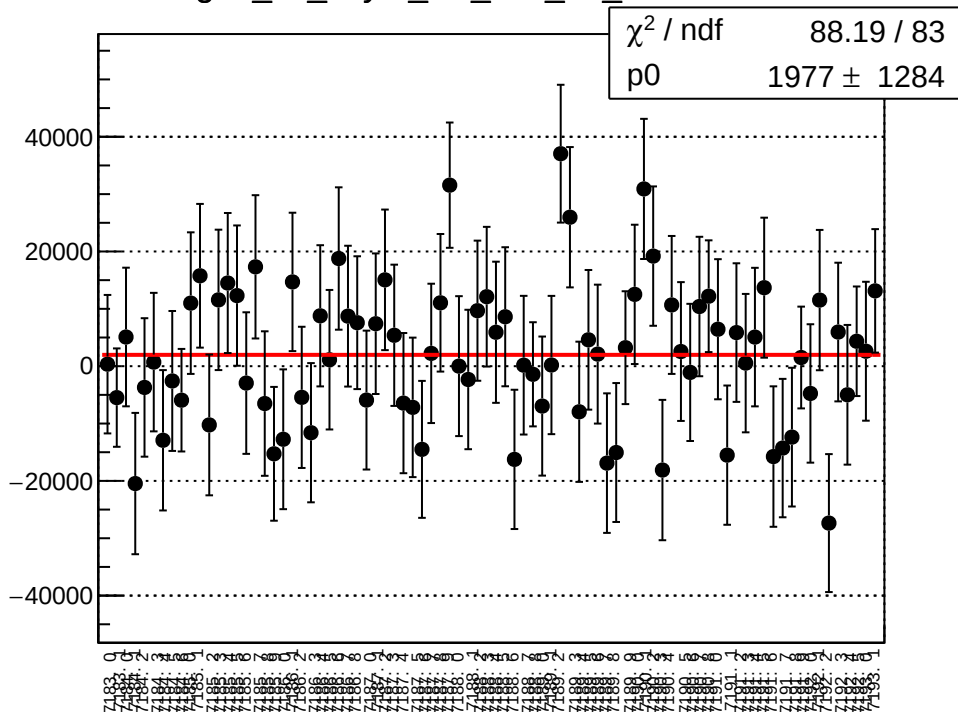
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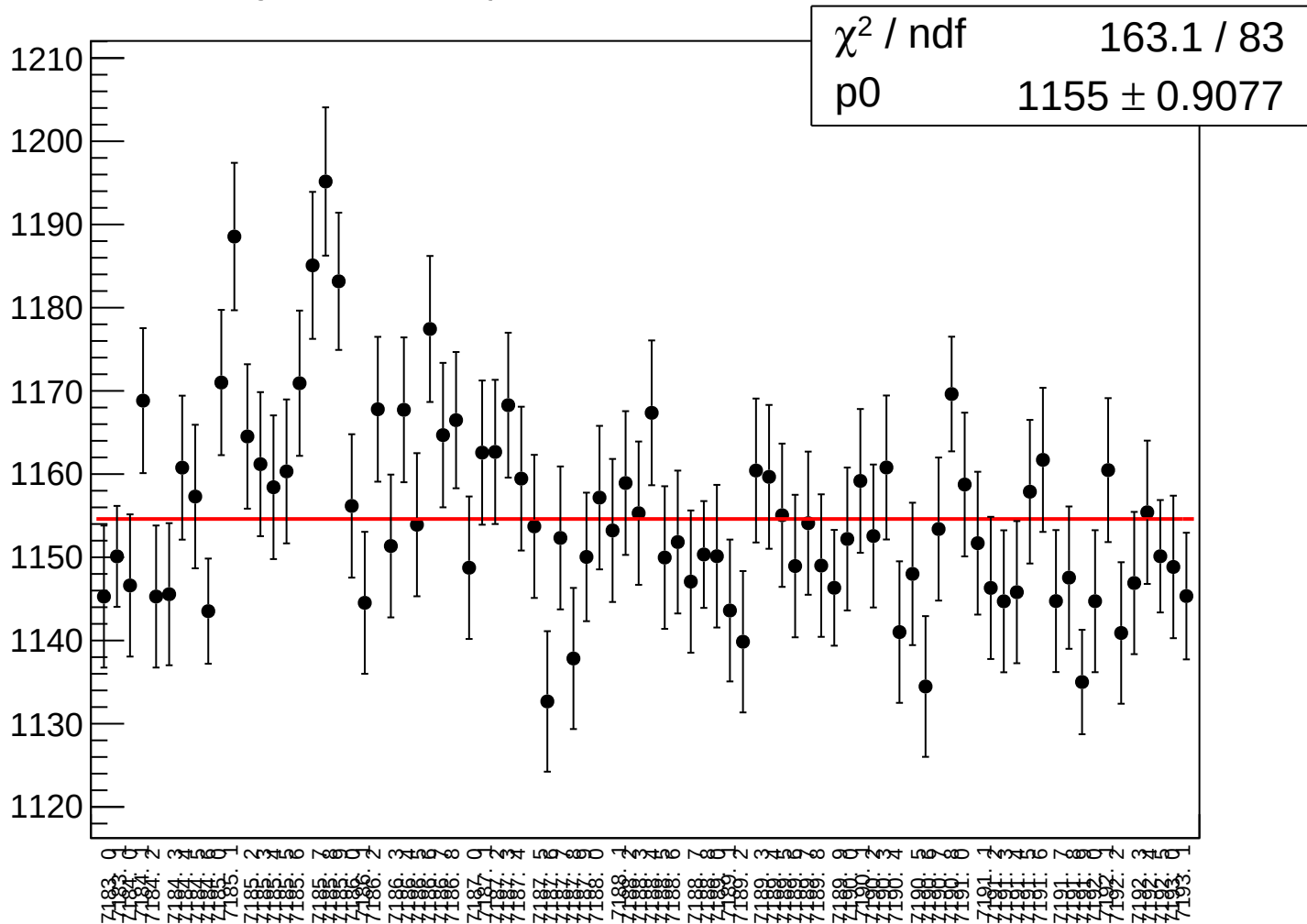
asym_usl_atl2_dd_dit_correction_rms vs run



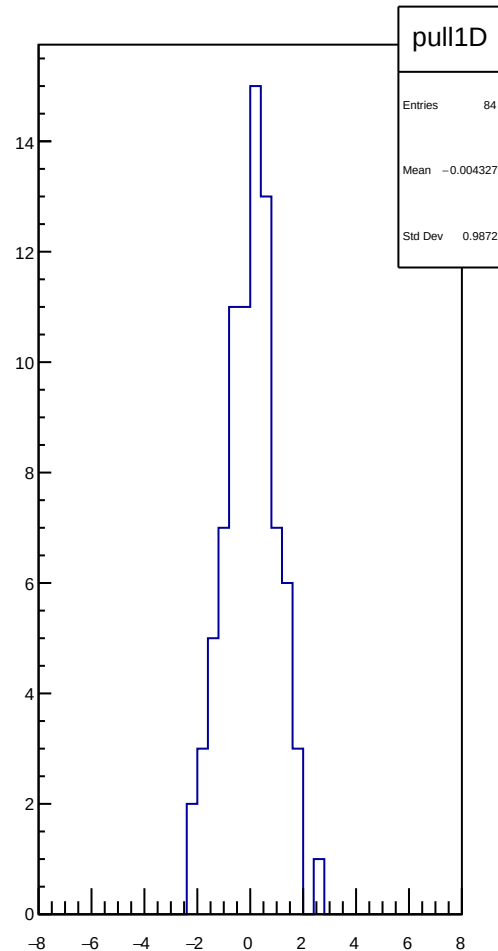
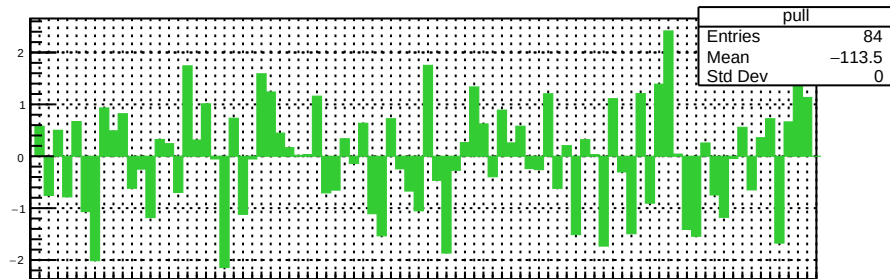
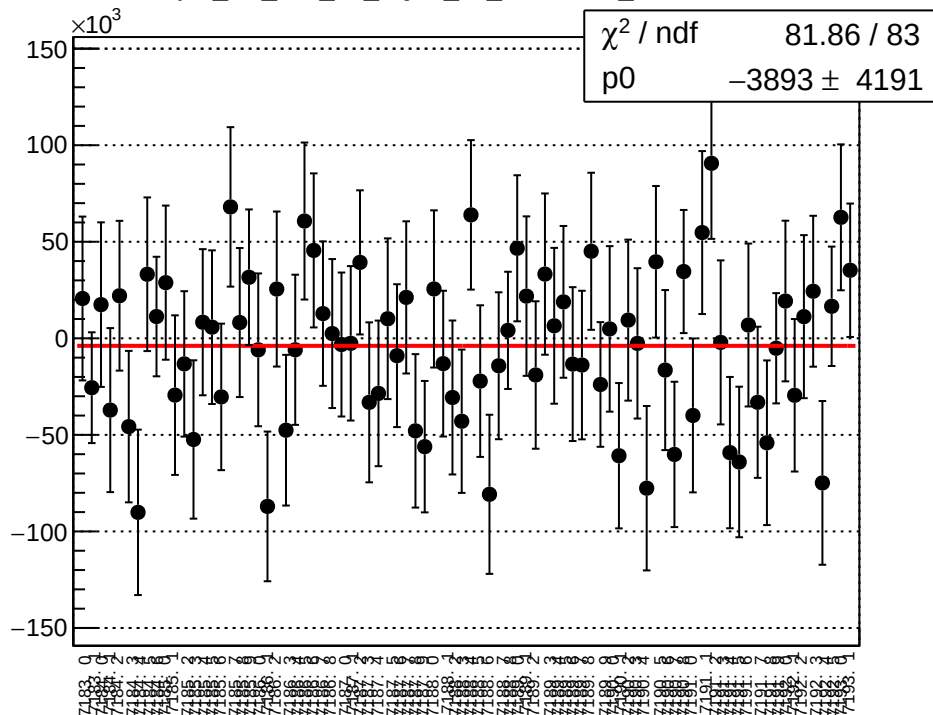
eigen_dit_asym_usl_atl2_dd_mean vs run



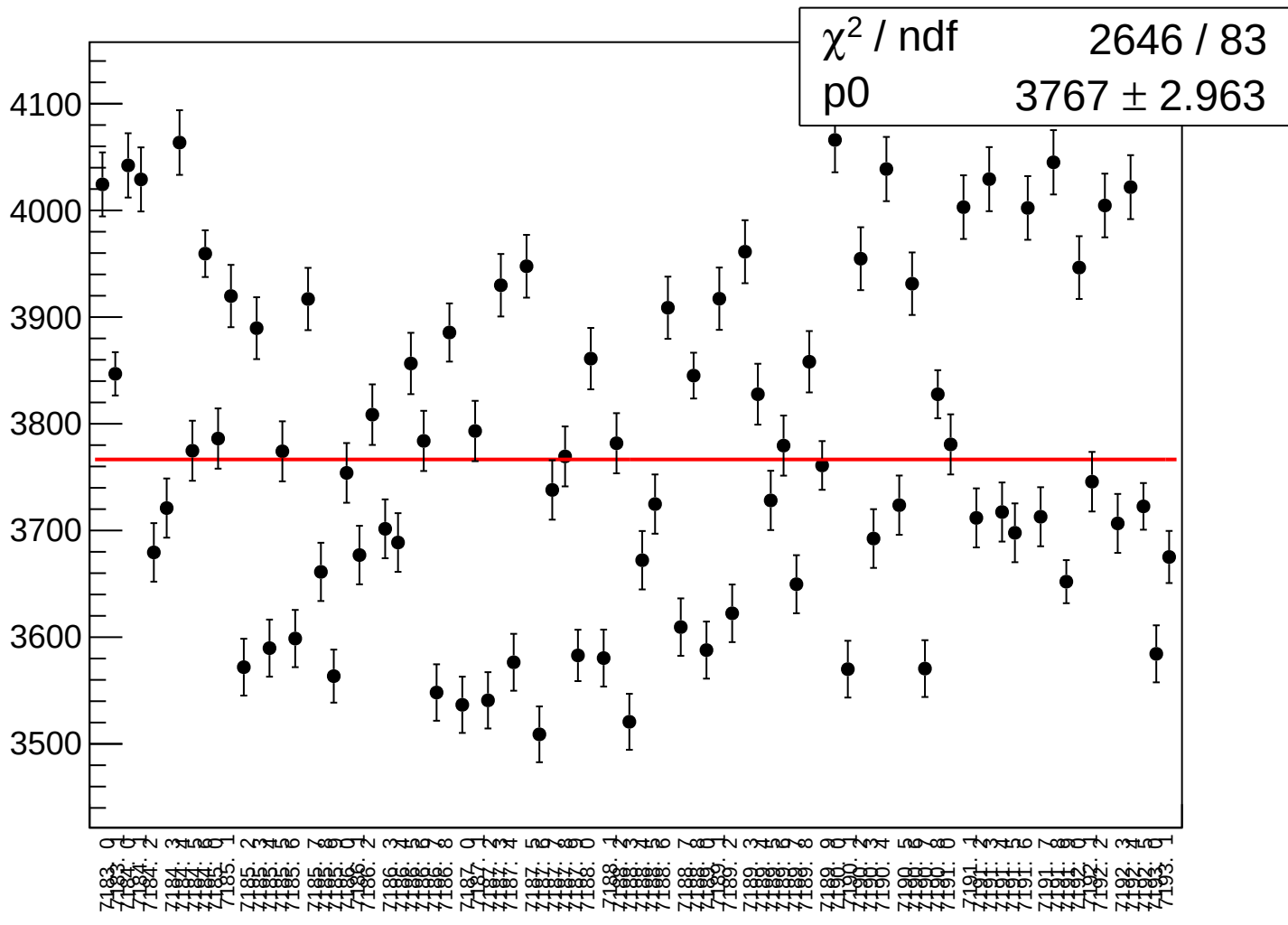
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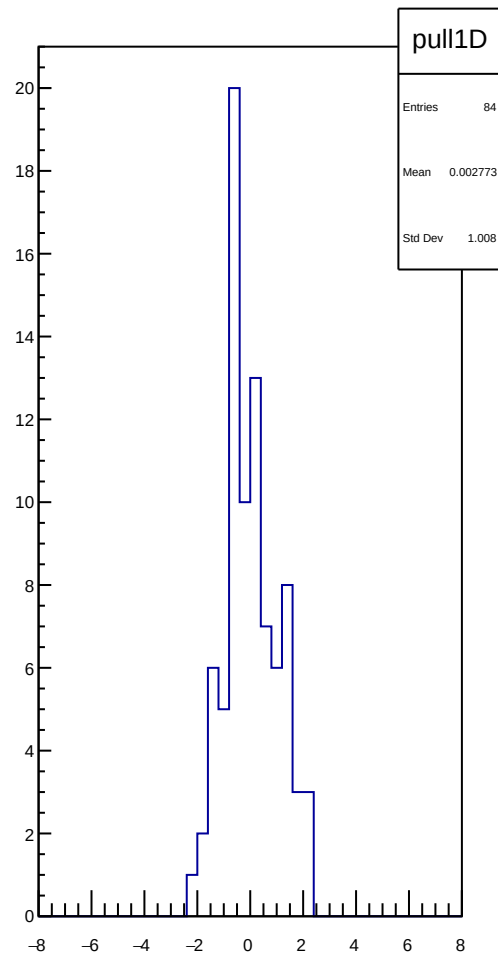
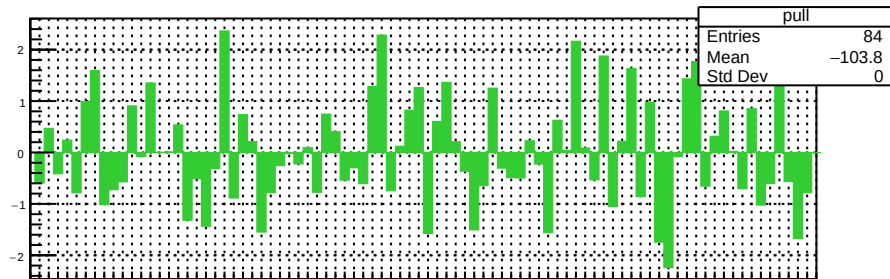
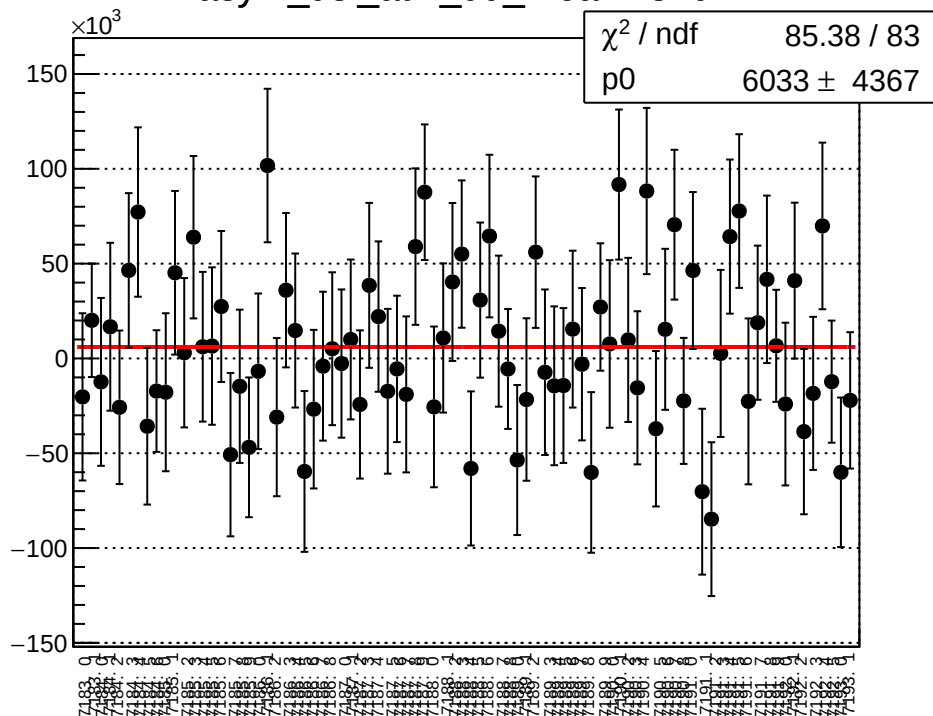
asym_usl_atl2_dd_eigen_dit_correction_mean vs run



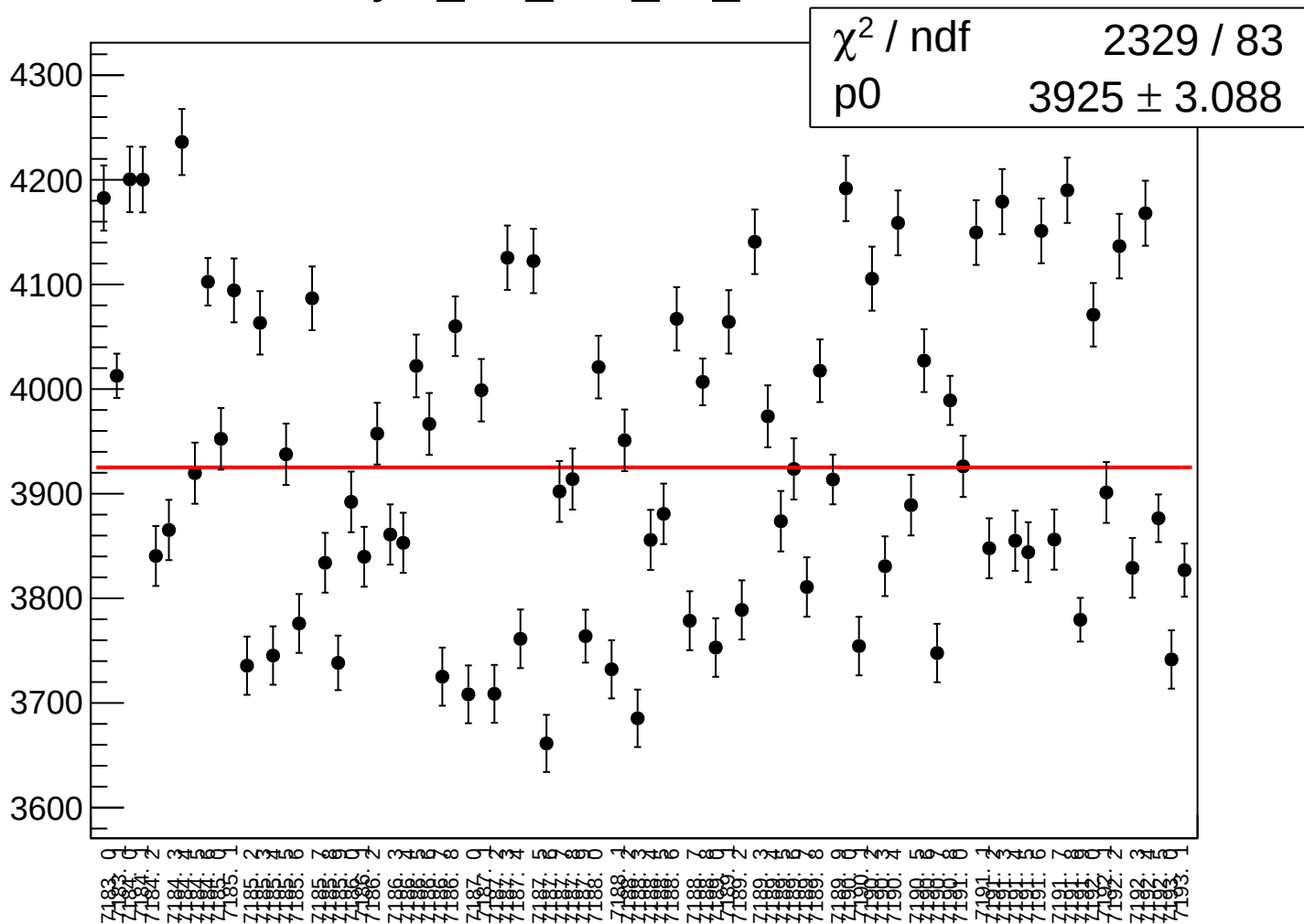
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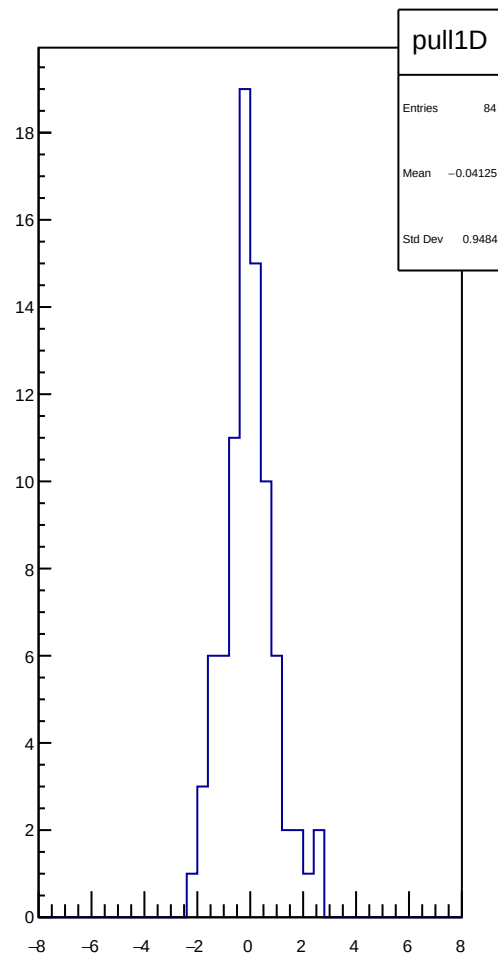
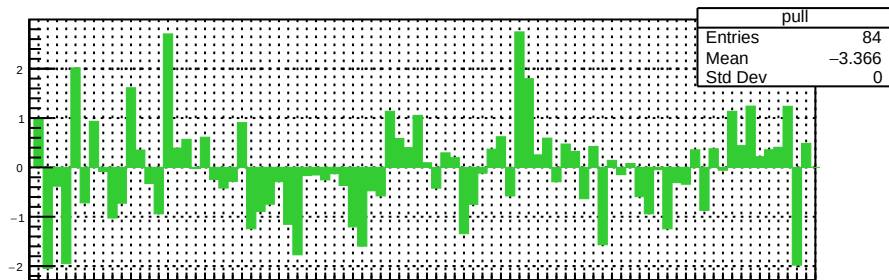
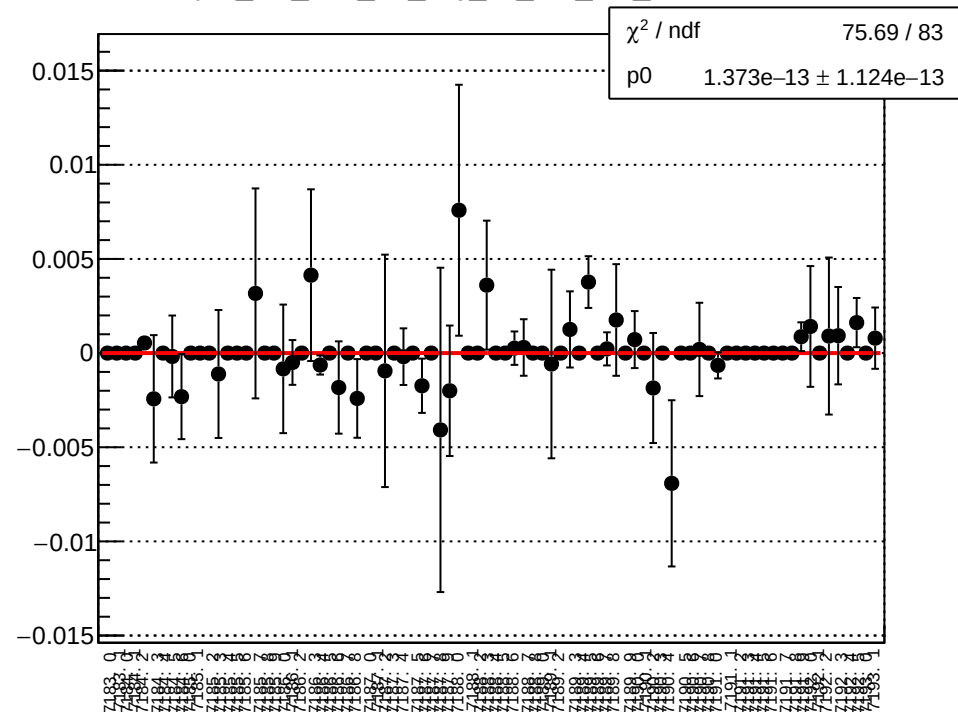
asym_usl_atl2_dd_mean vs run



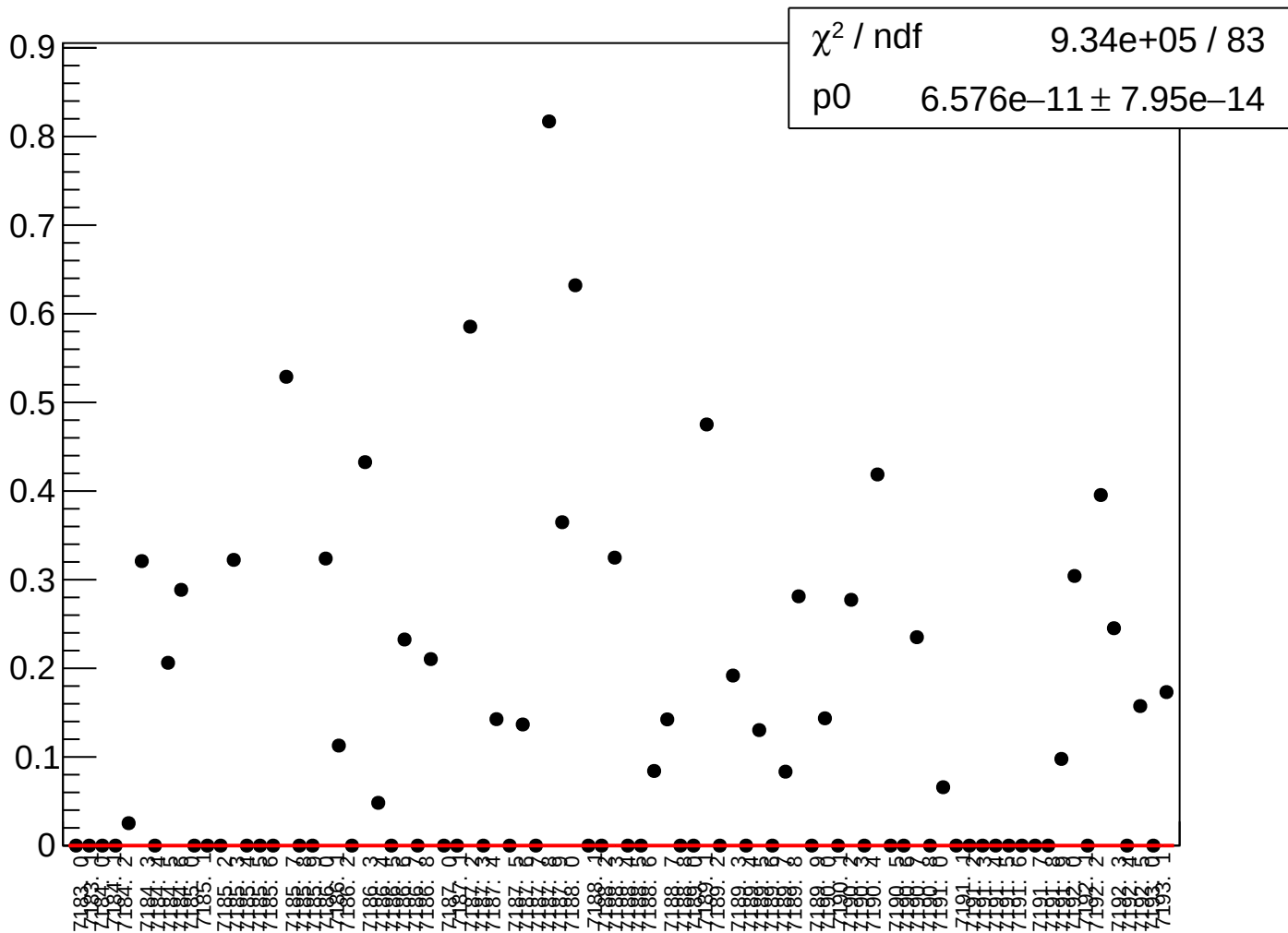
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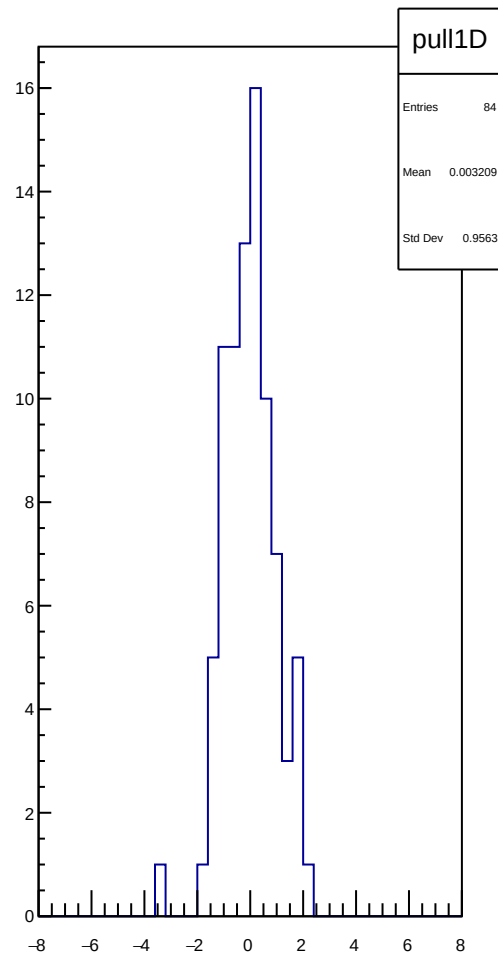
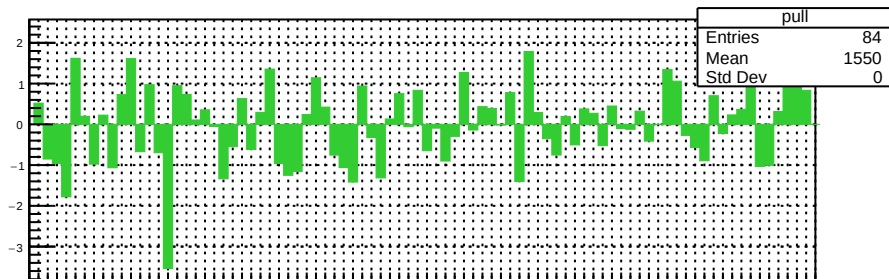
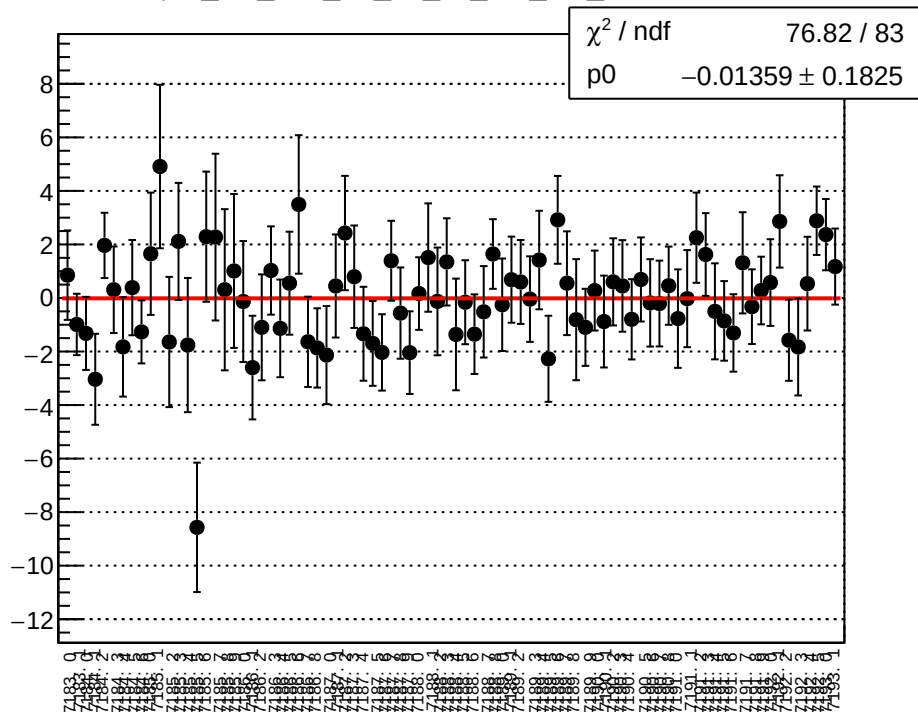
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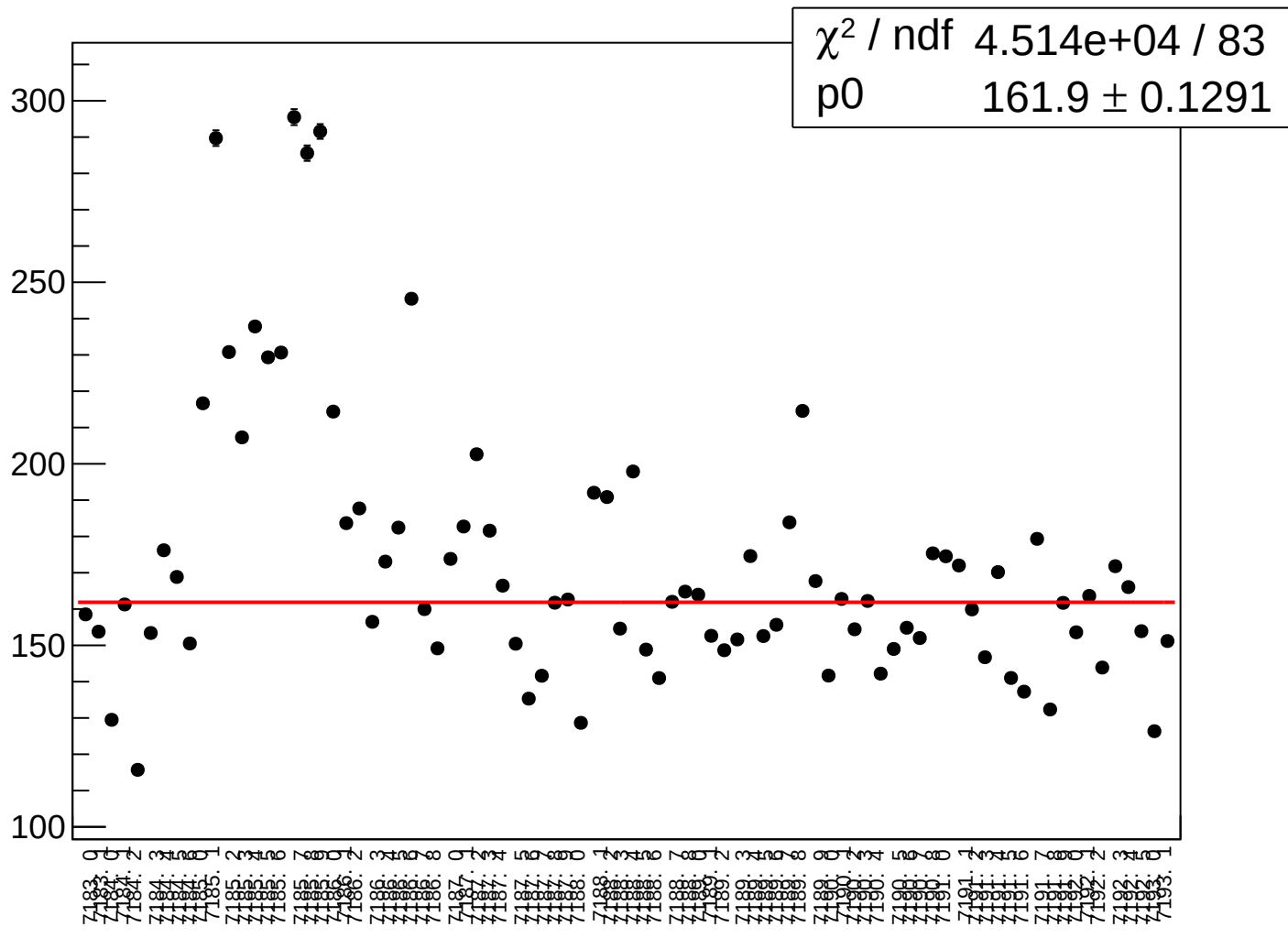
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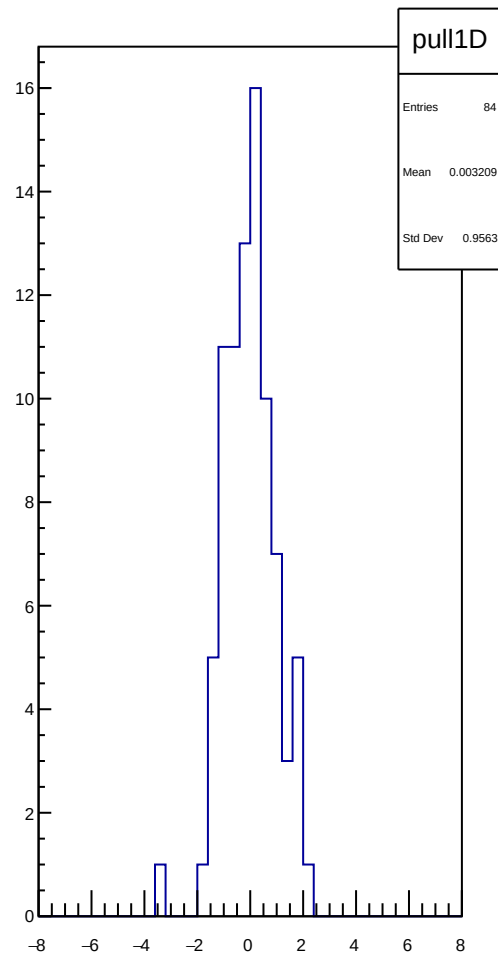
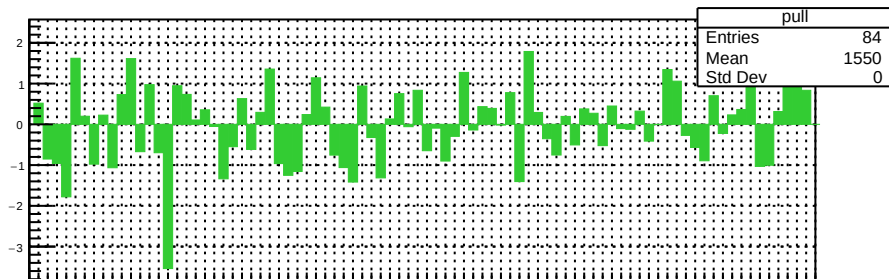
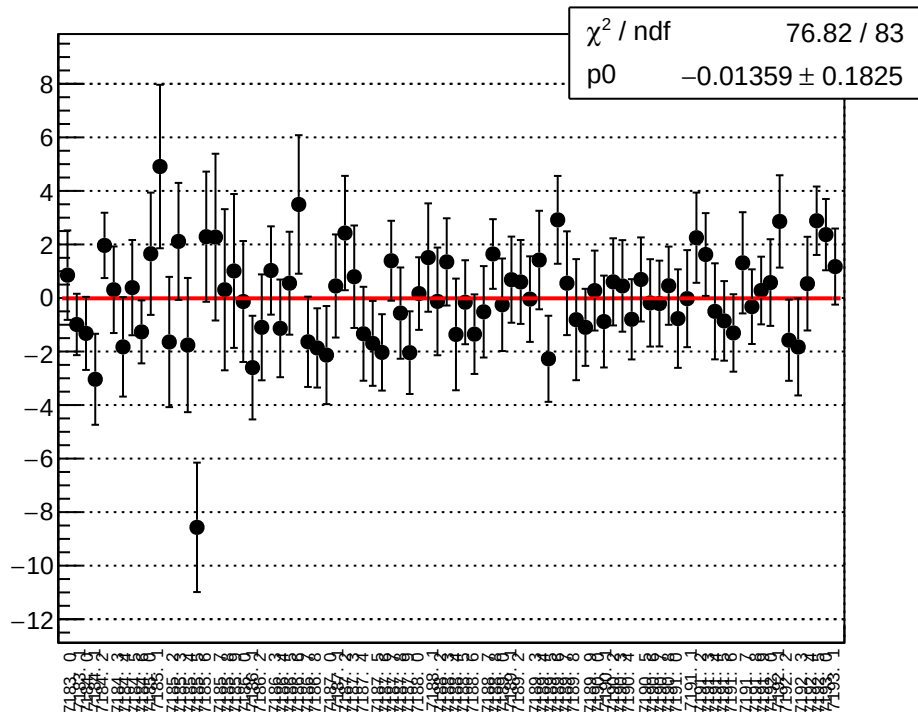
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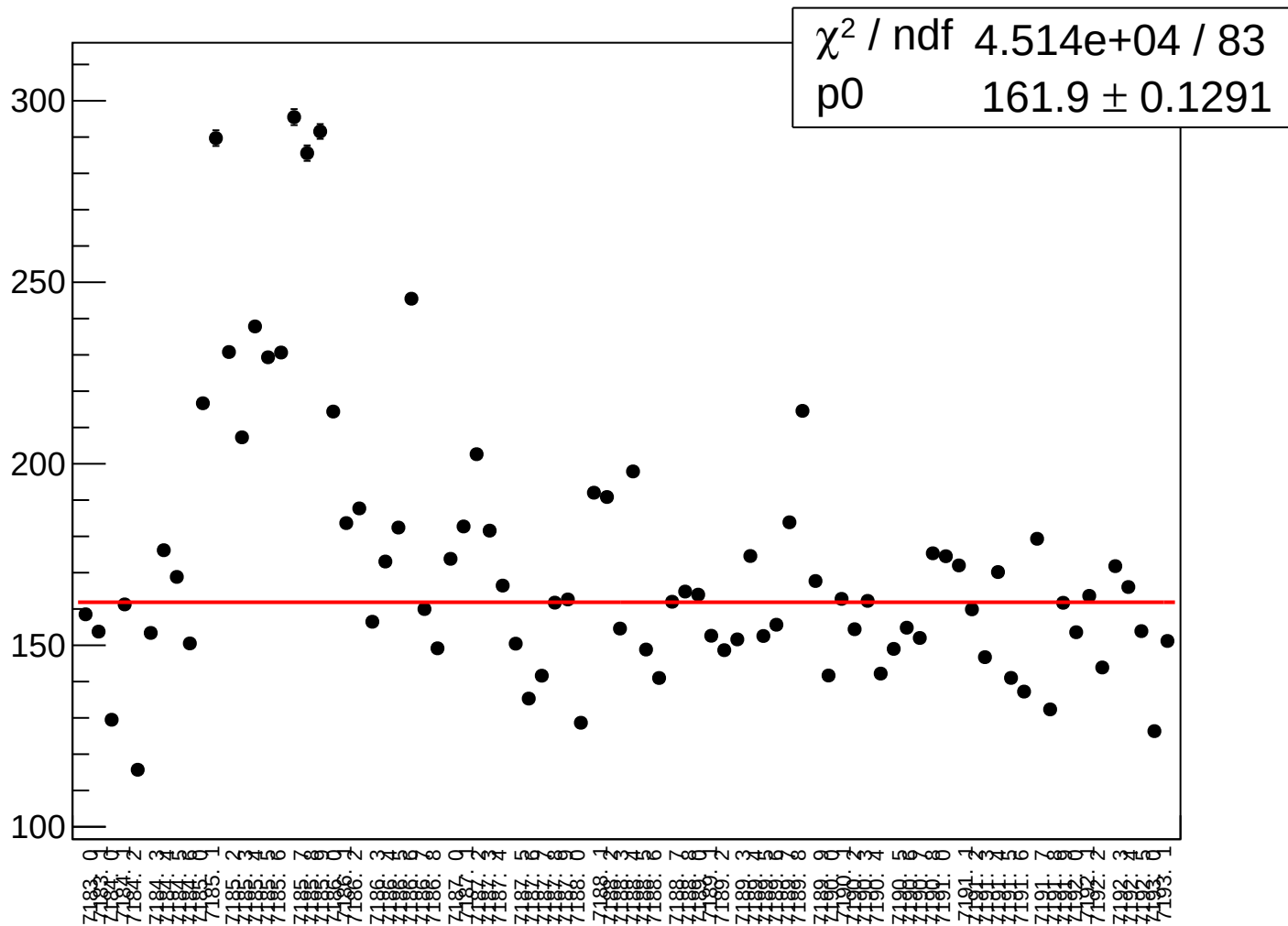
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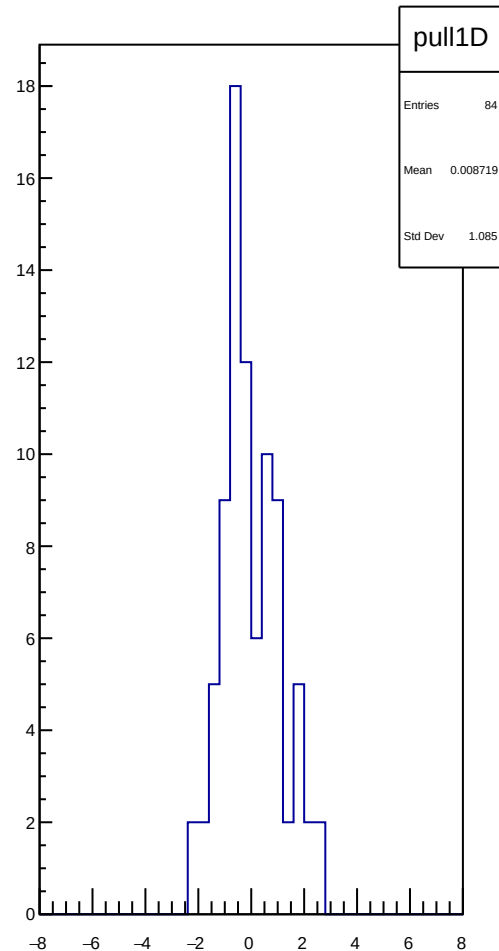
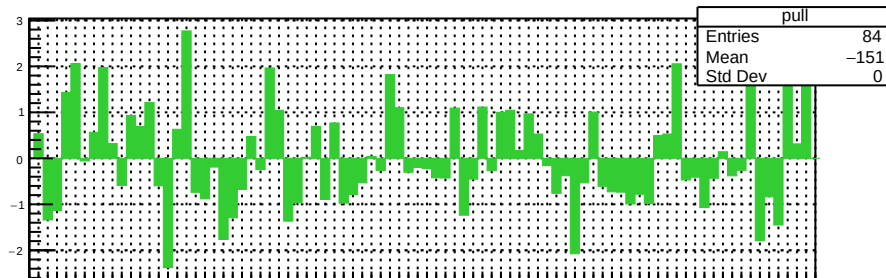
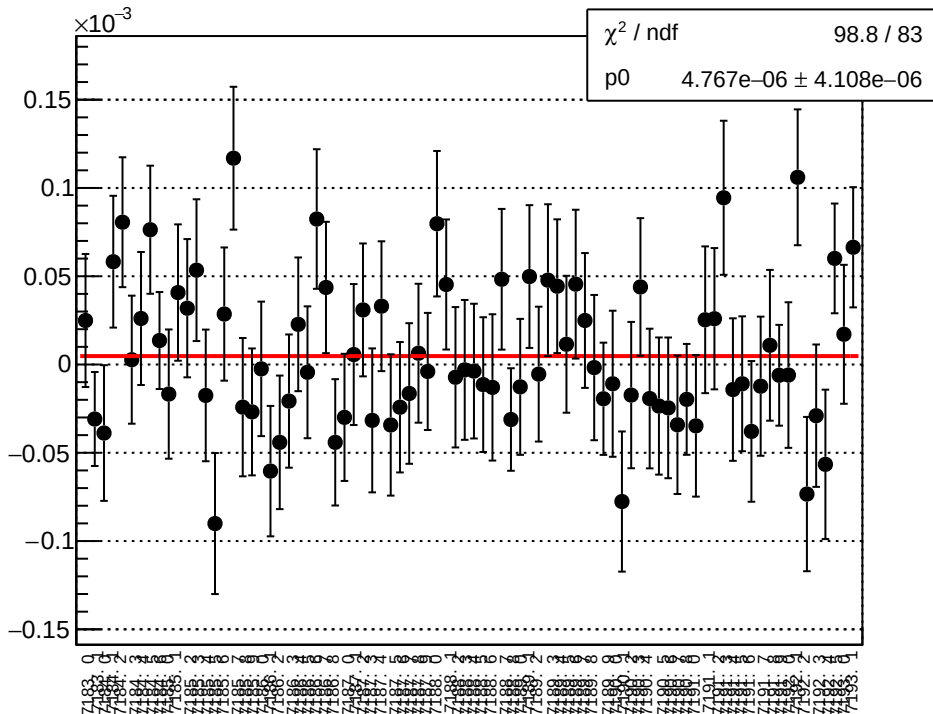
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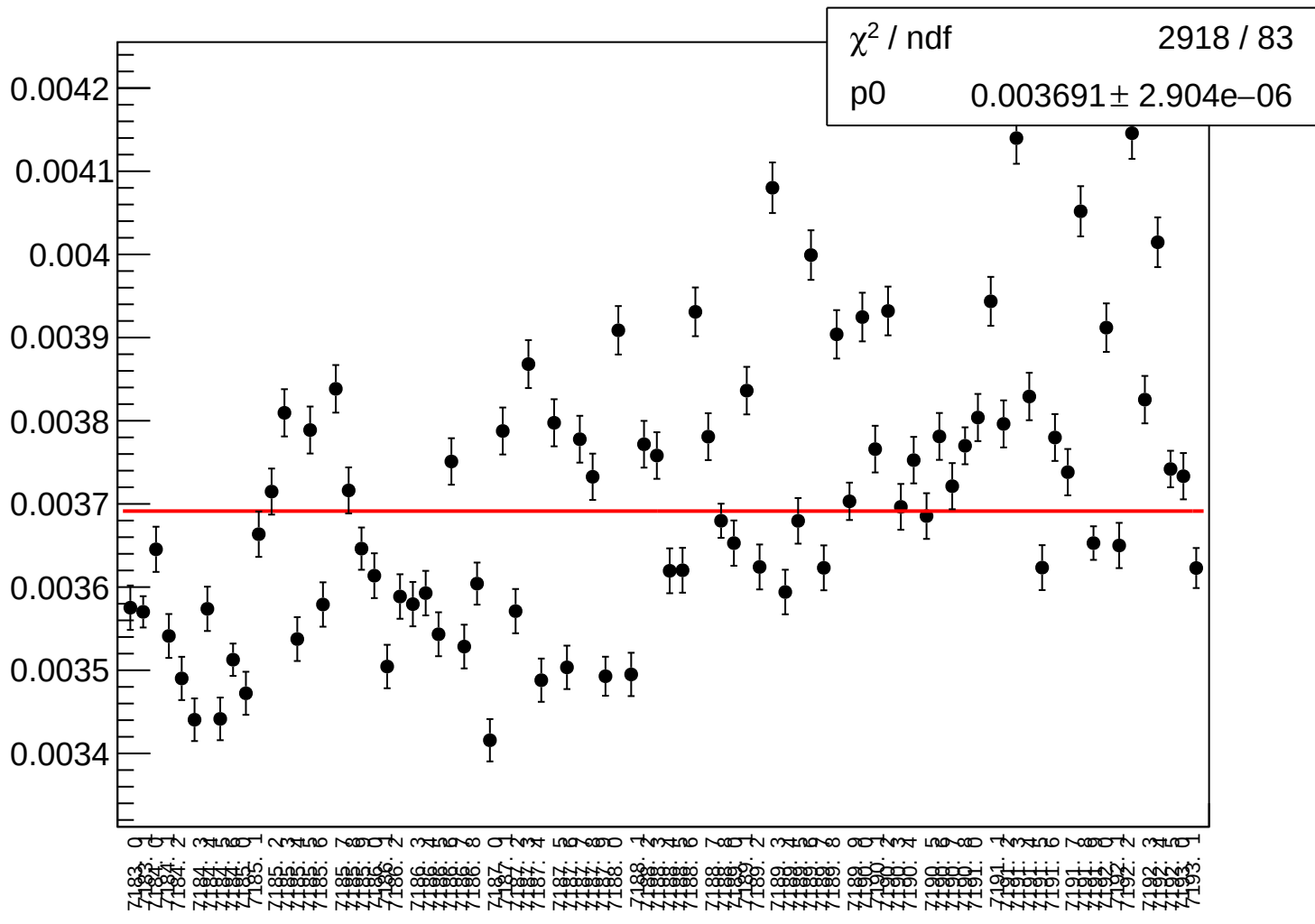
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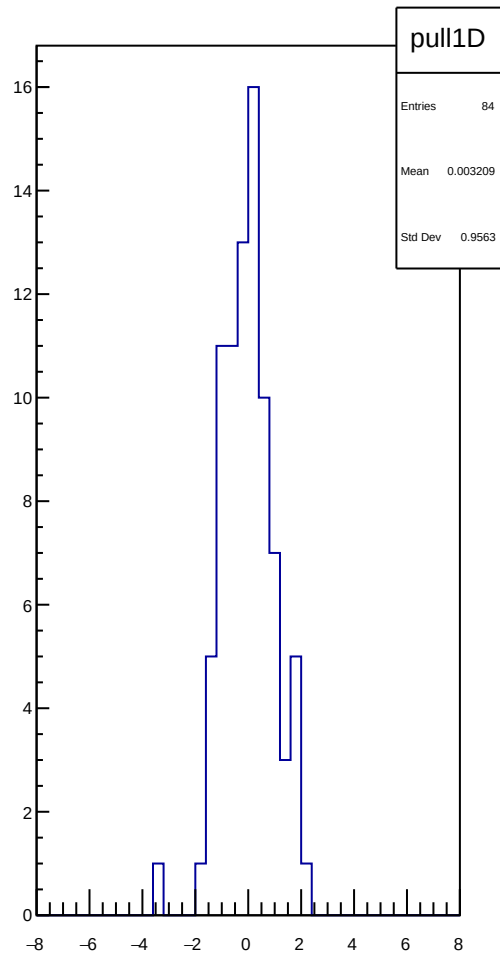
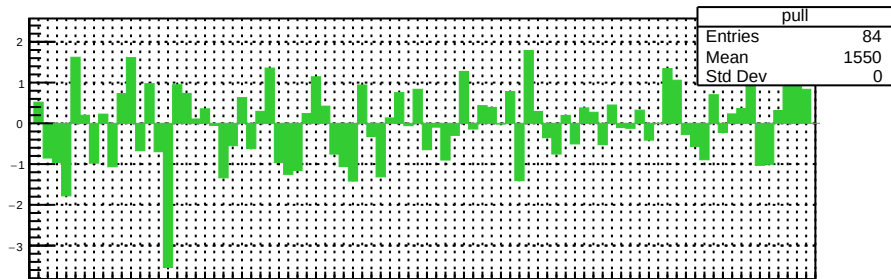
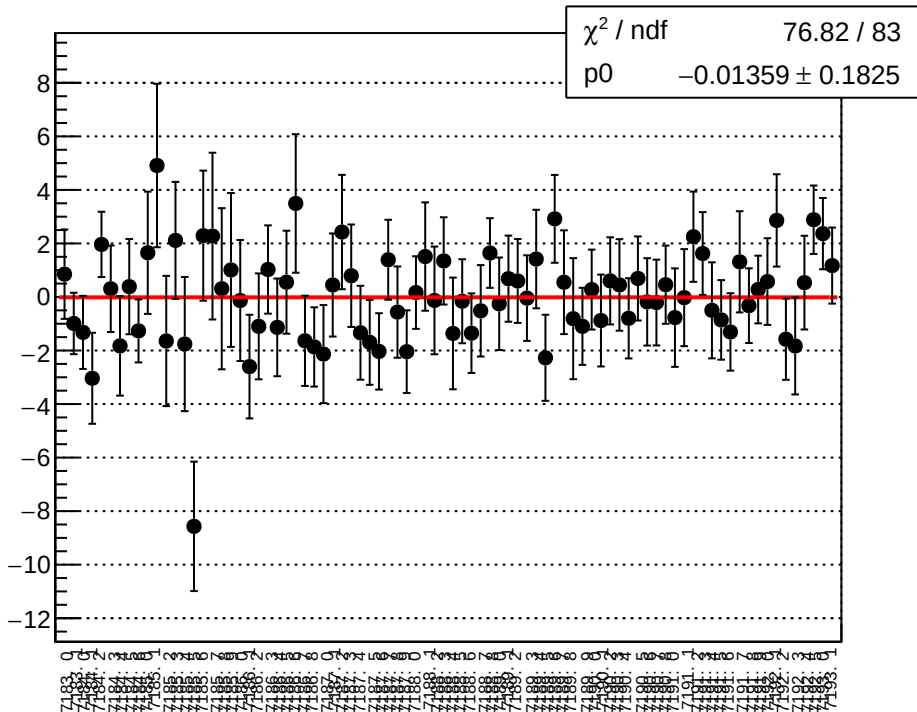
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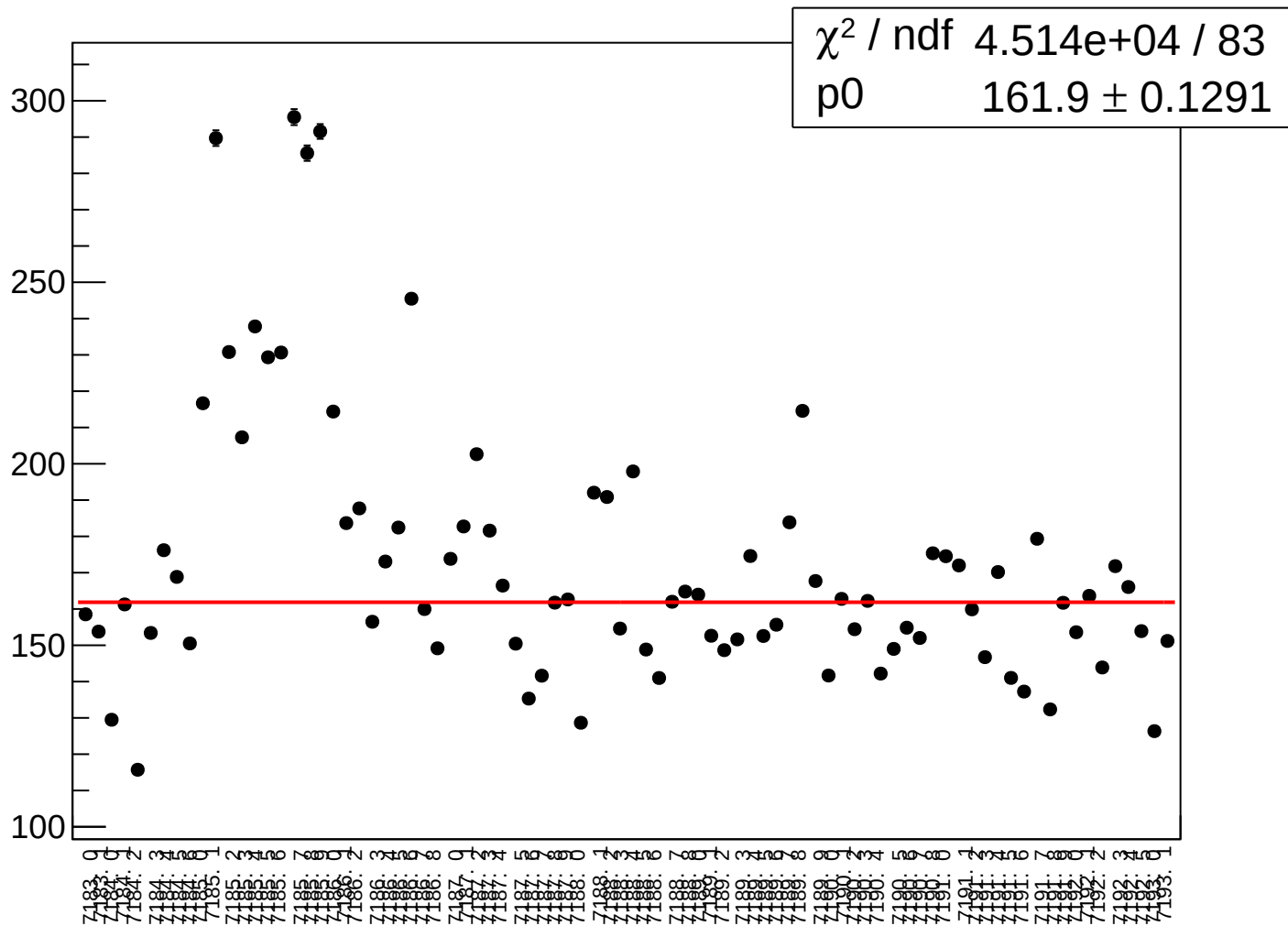
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs run



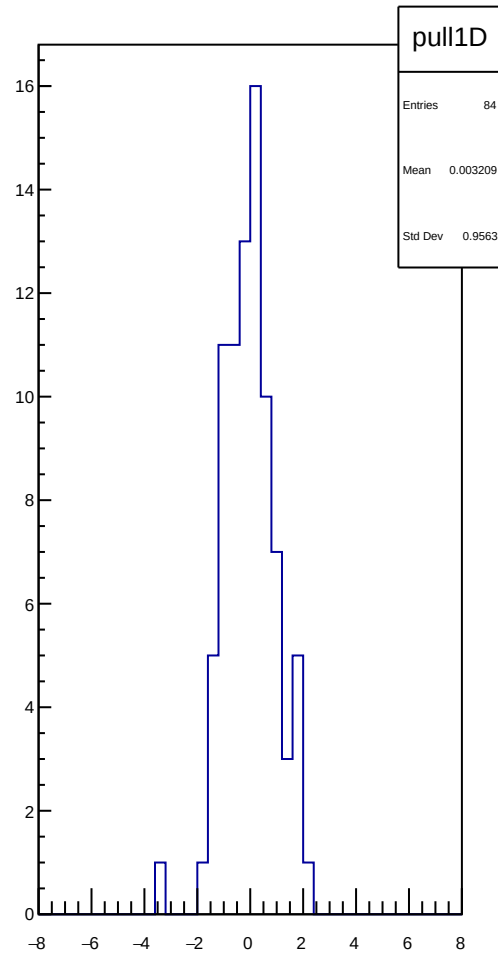
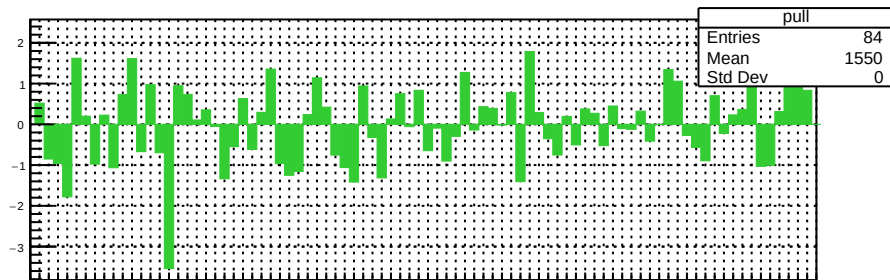
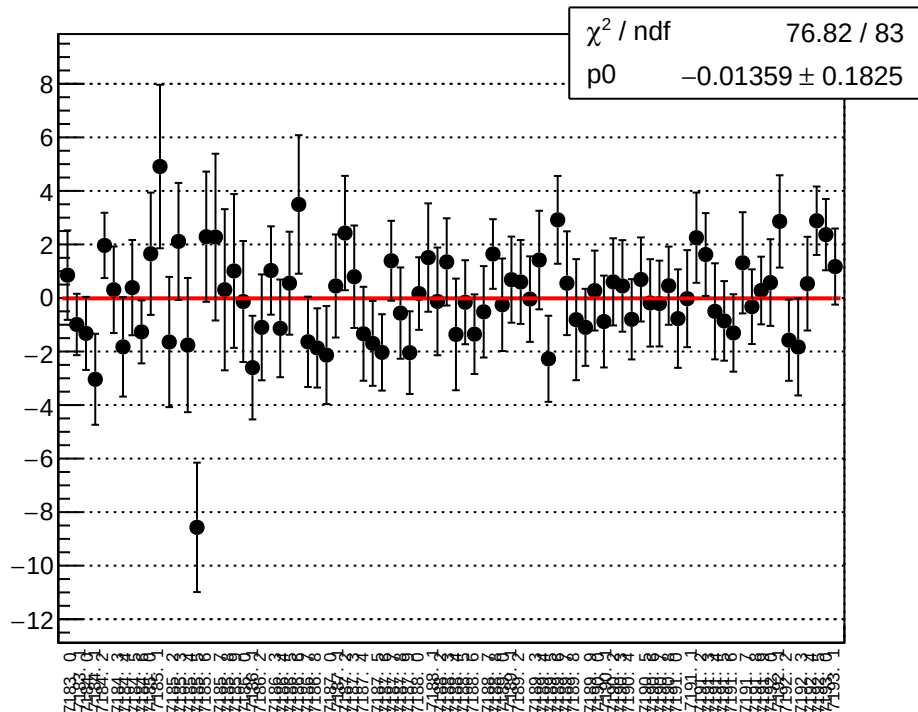
asym usl atl2 dd eigen dit vs cor diff mean vs run



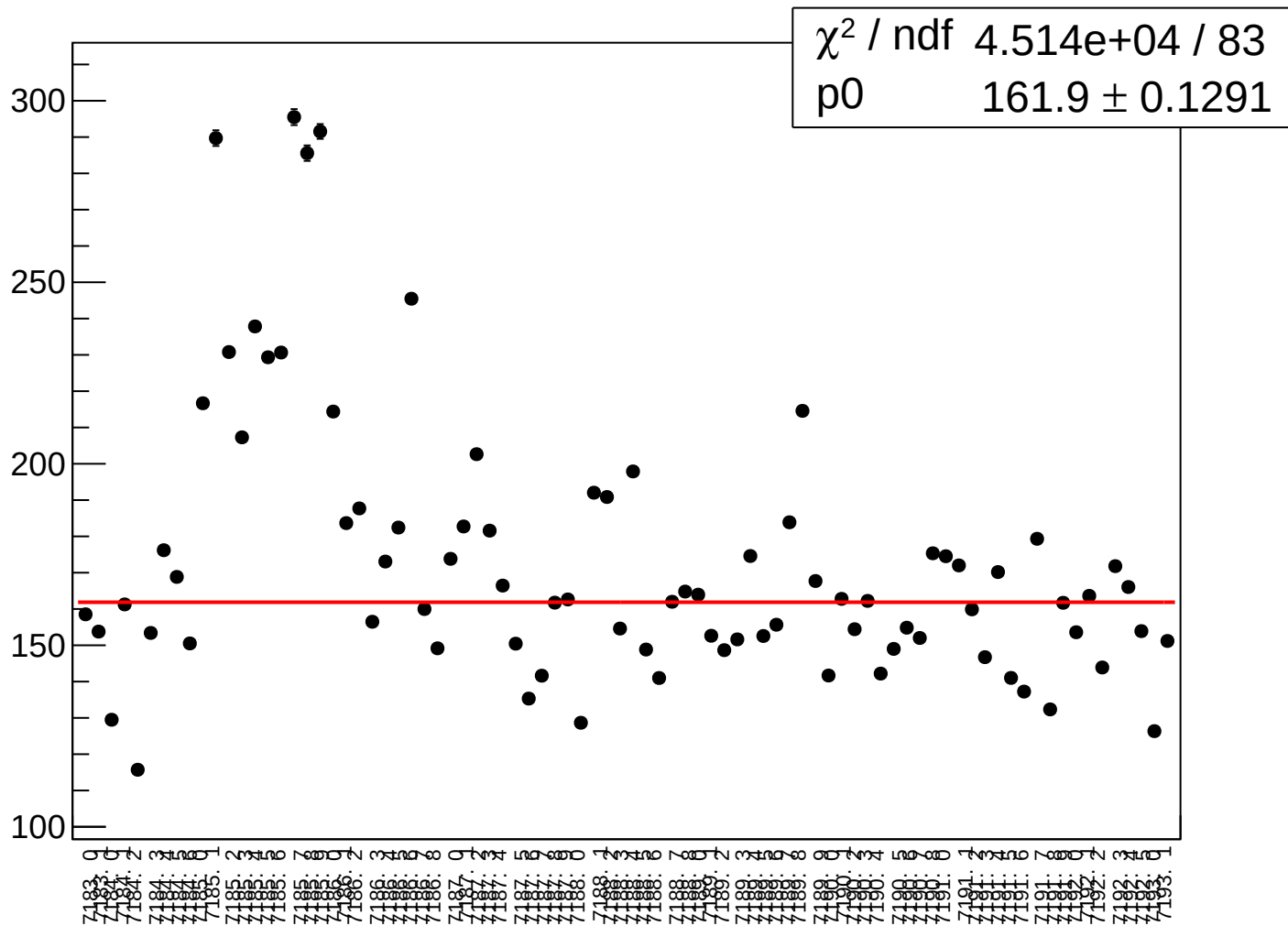
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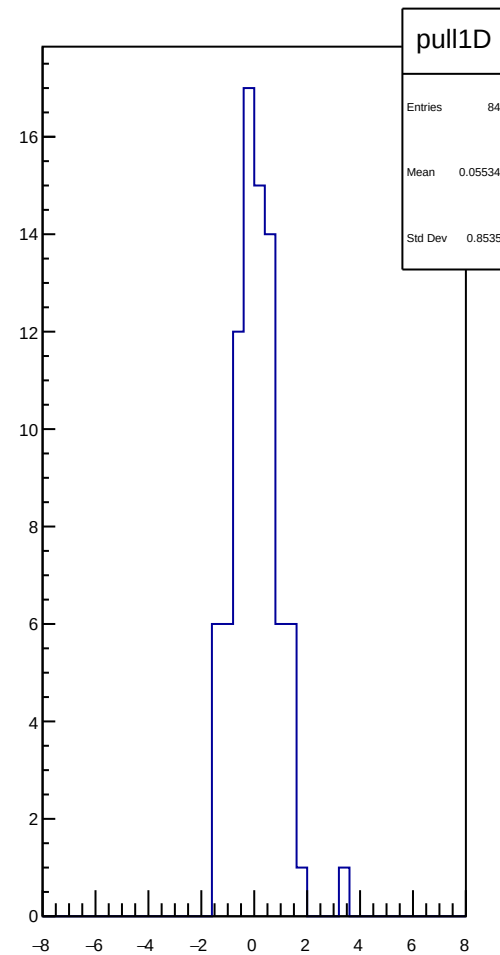
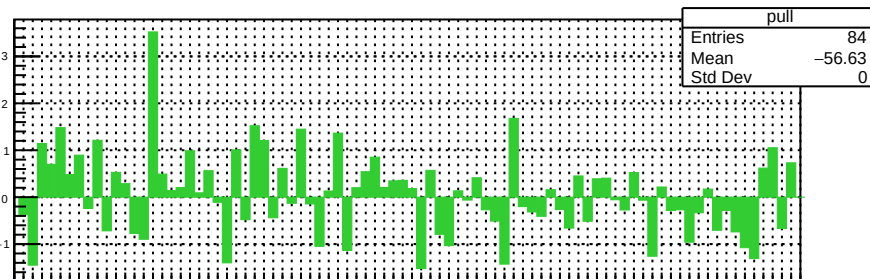
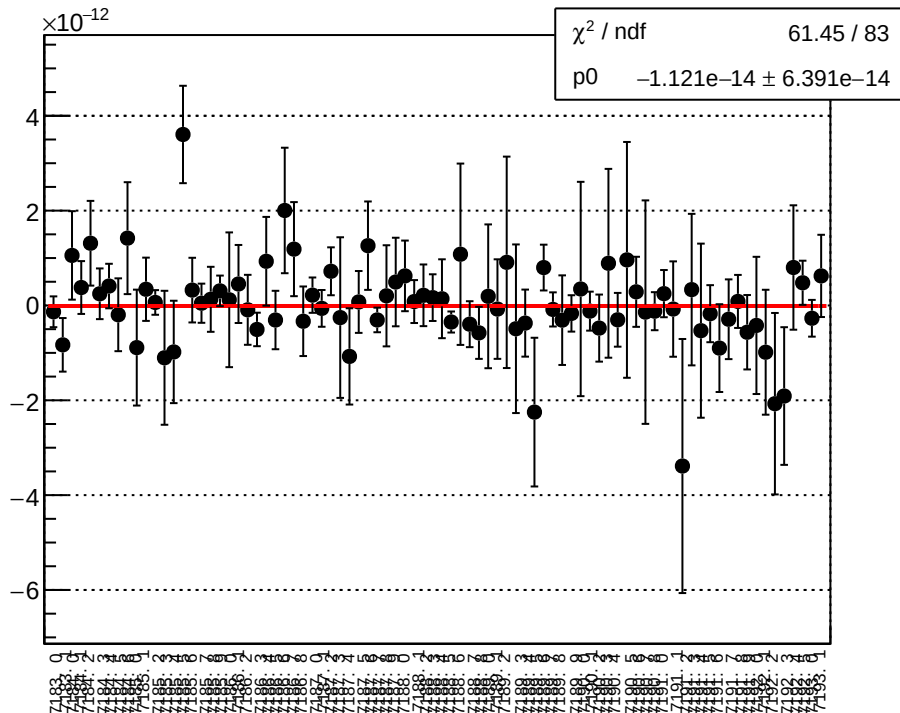
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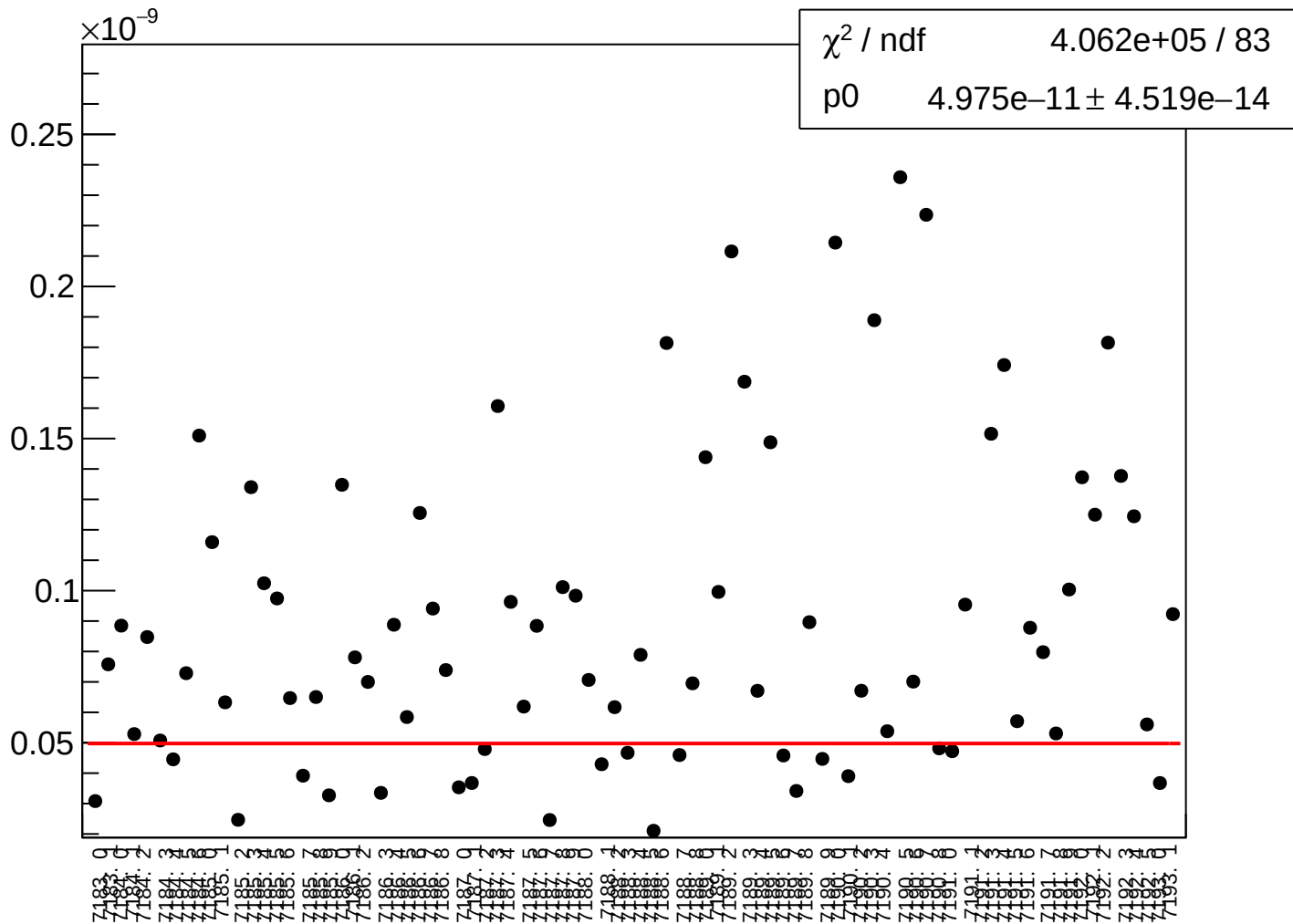
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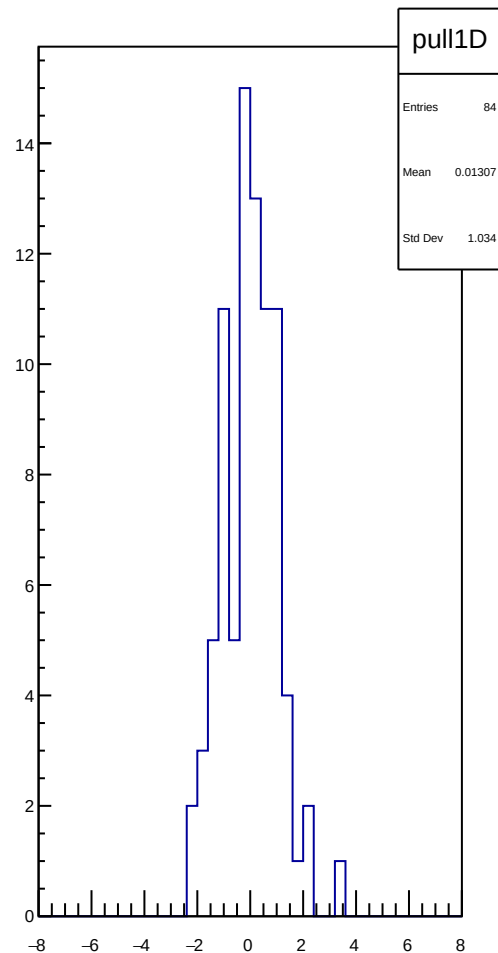
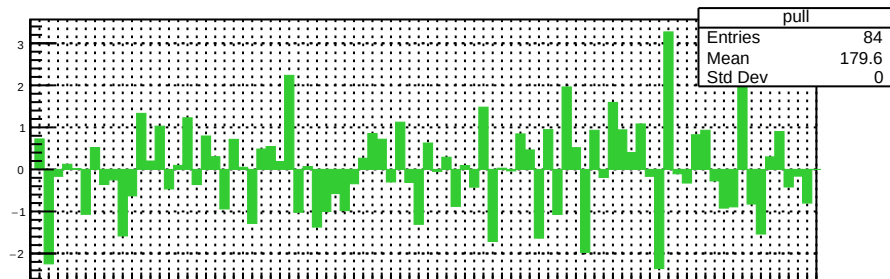
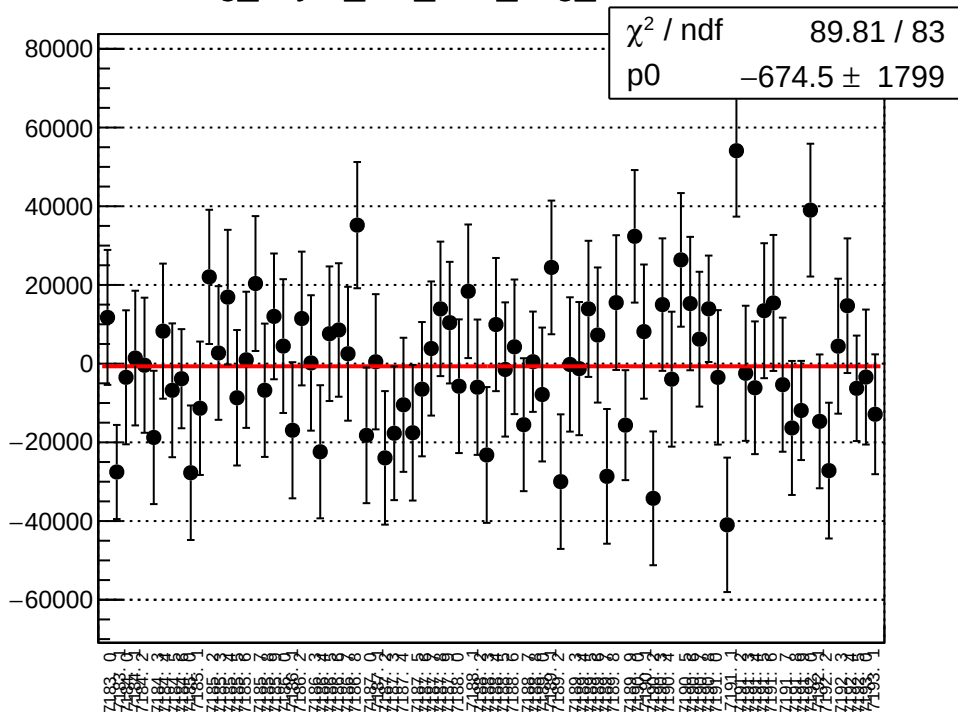
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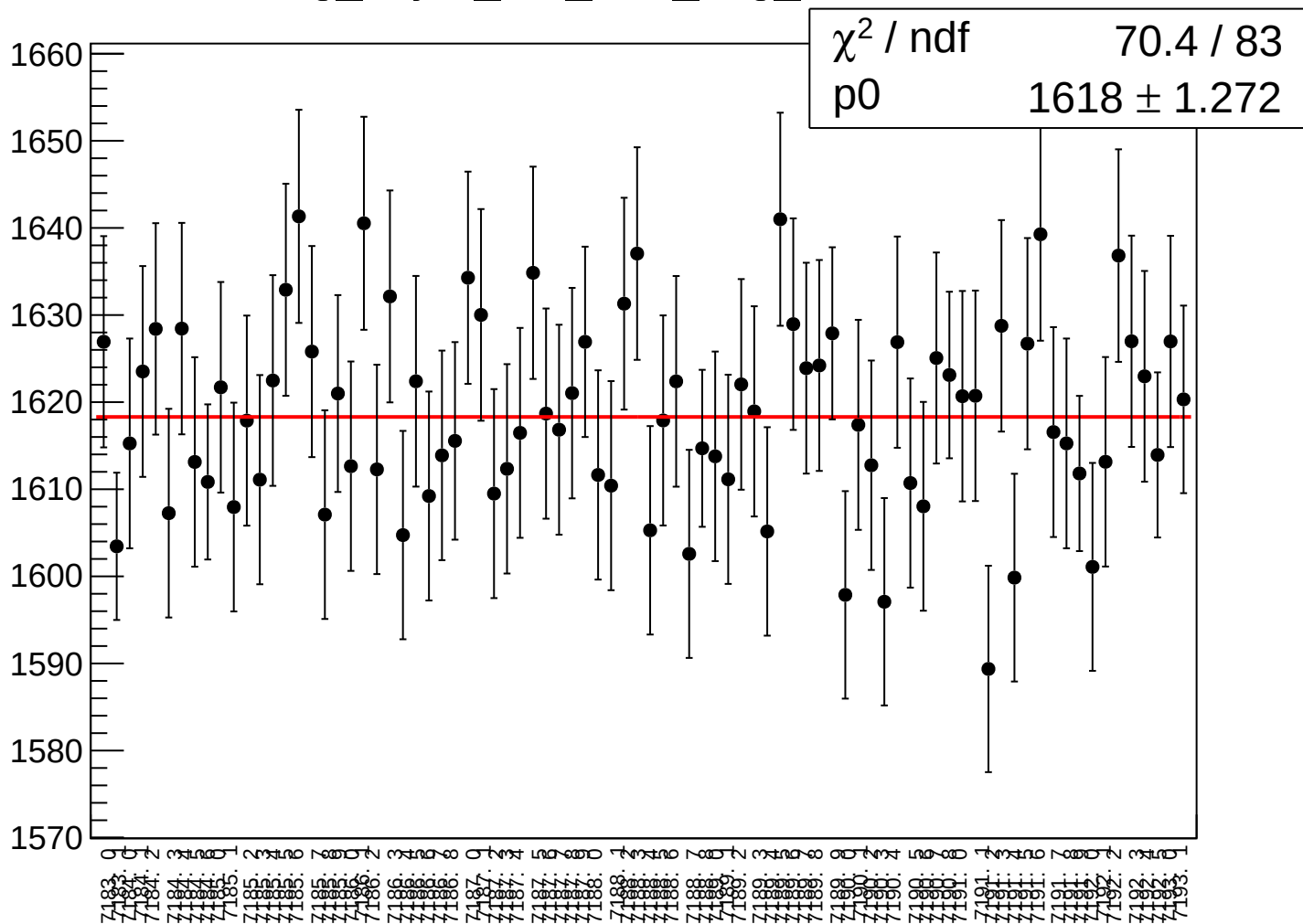
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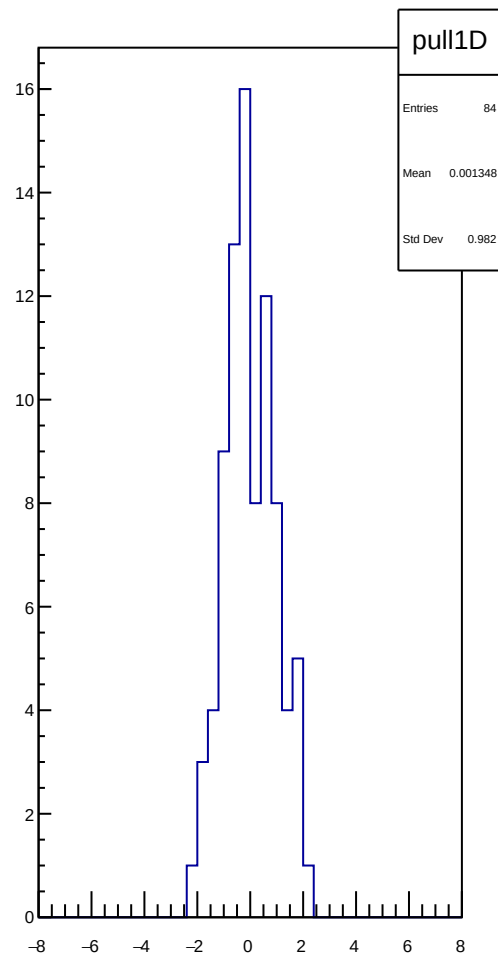
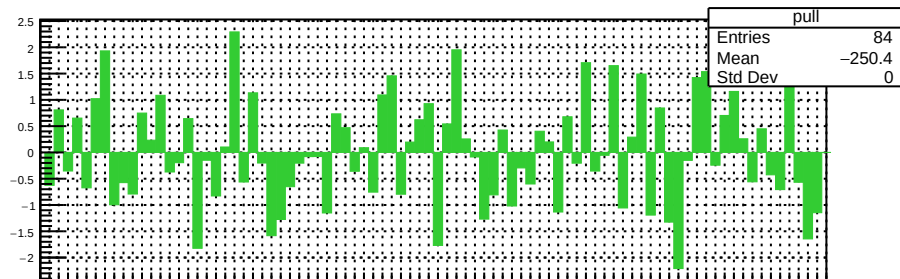
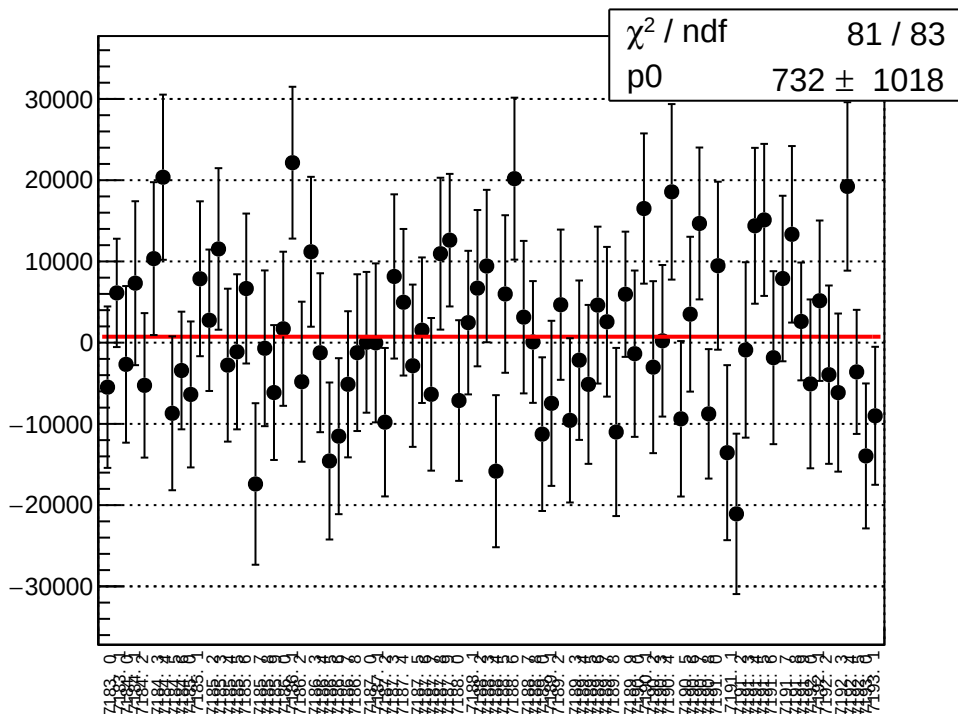
reg_asym_usr_atr1_avg_mean vs run



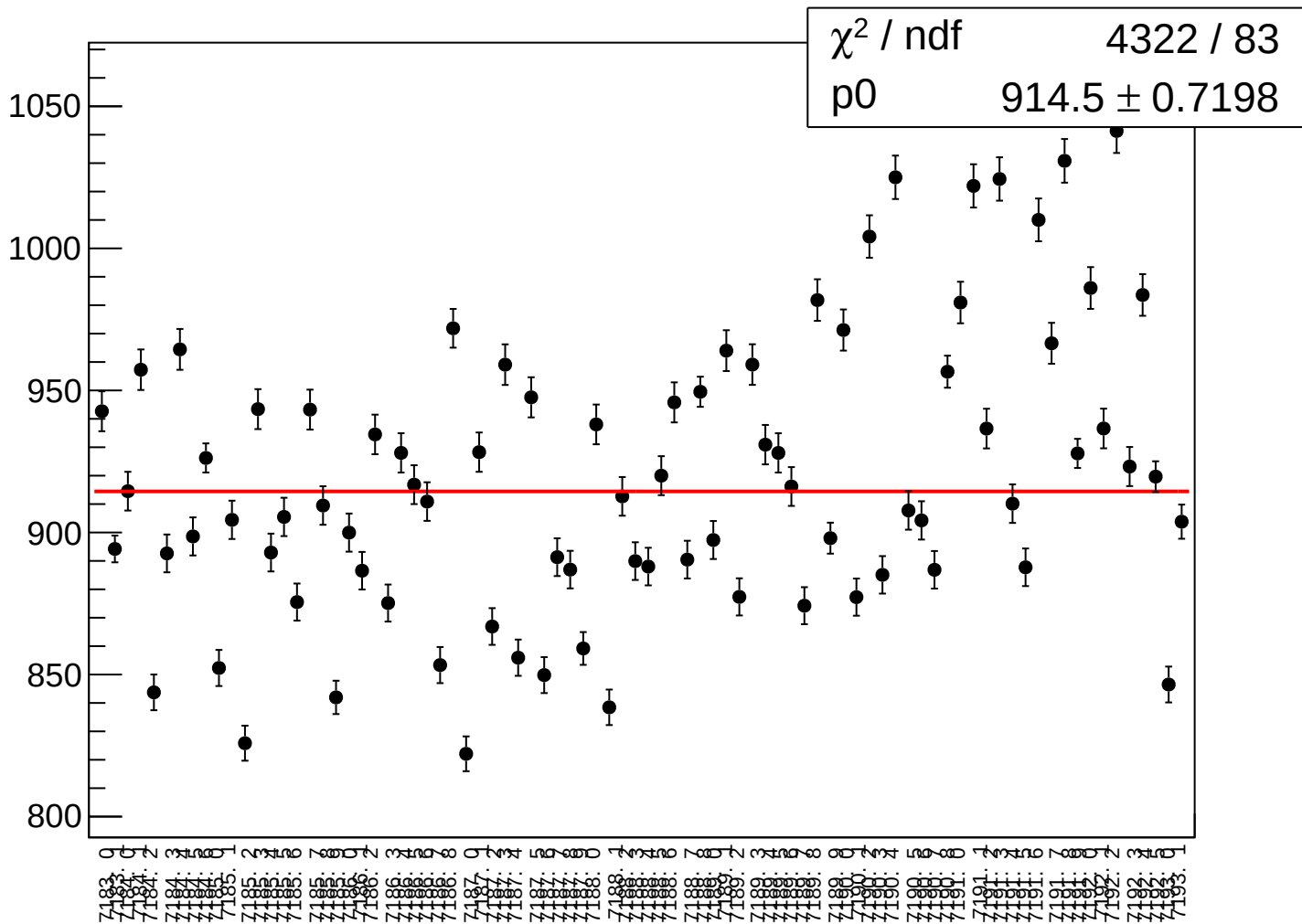
reg_asym_usr_atr1_avg_rms vs run



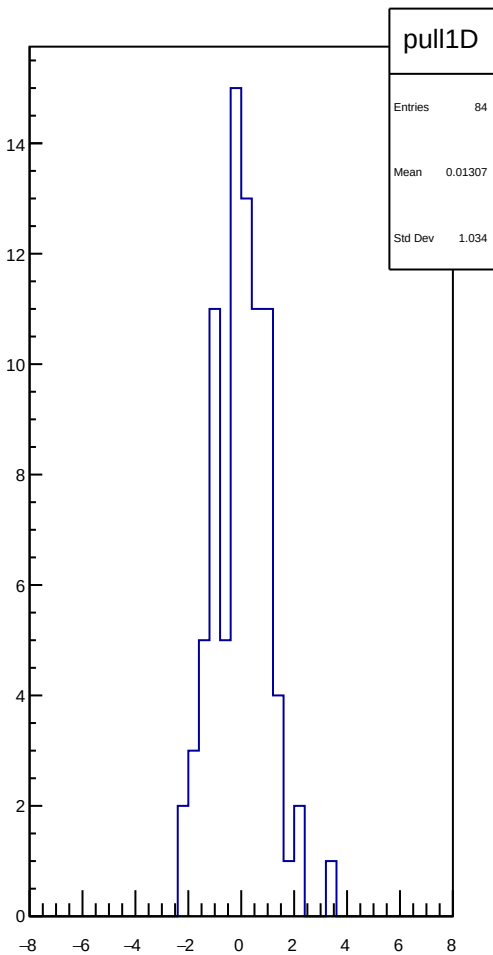
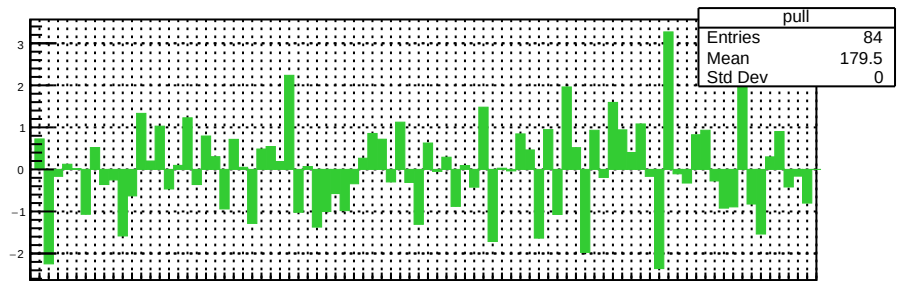
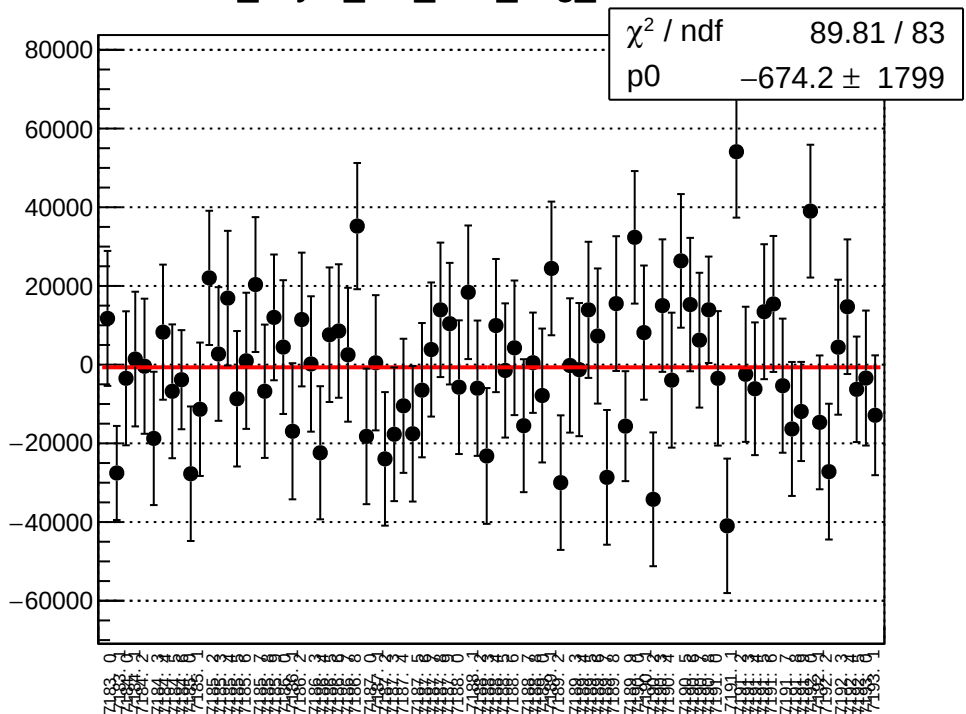
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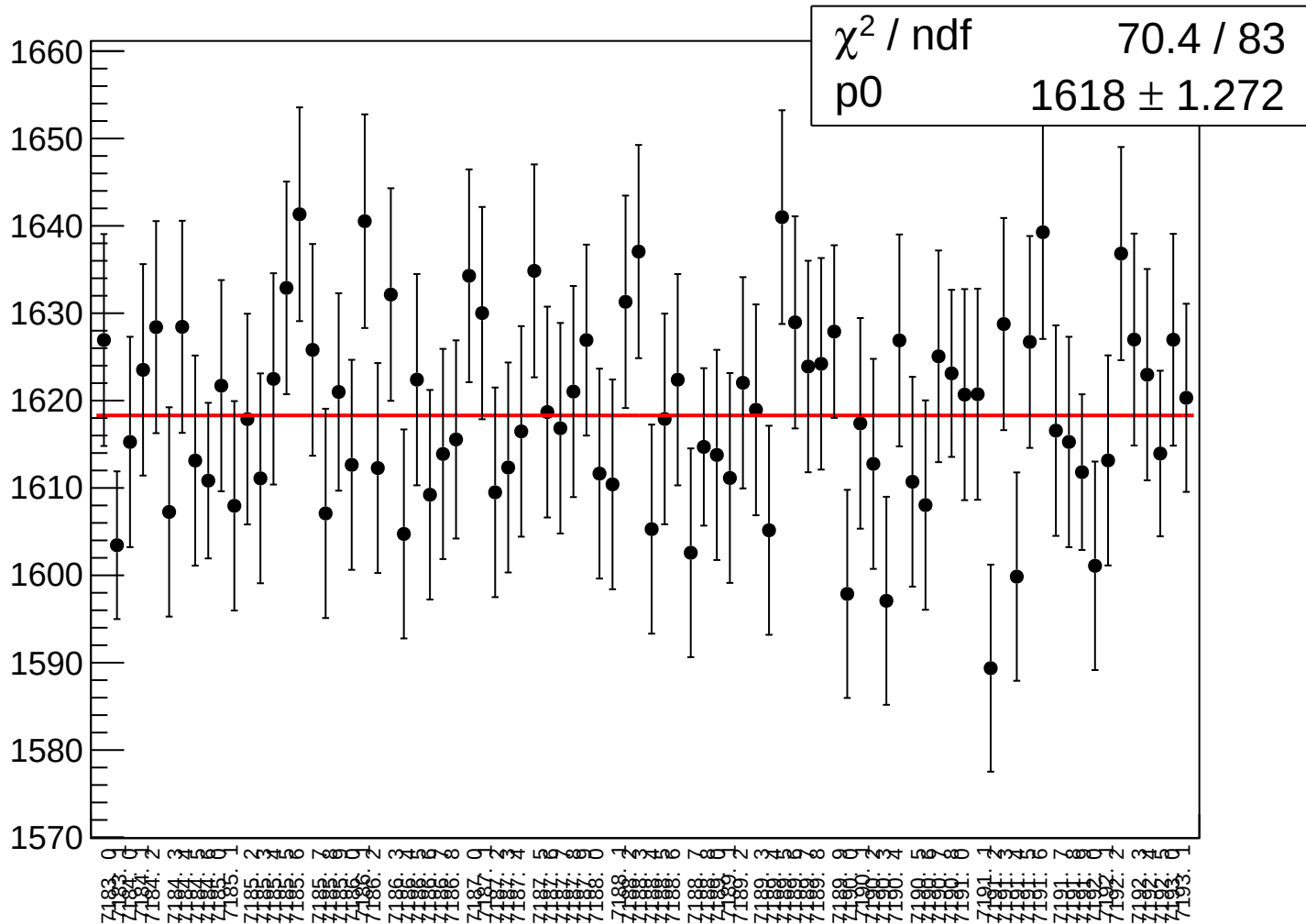
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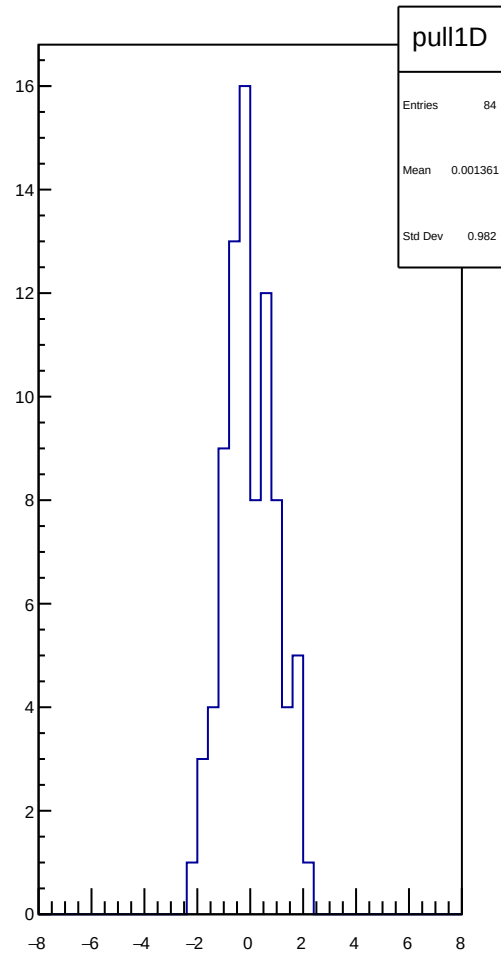
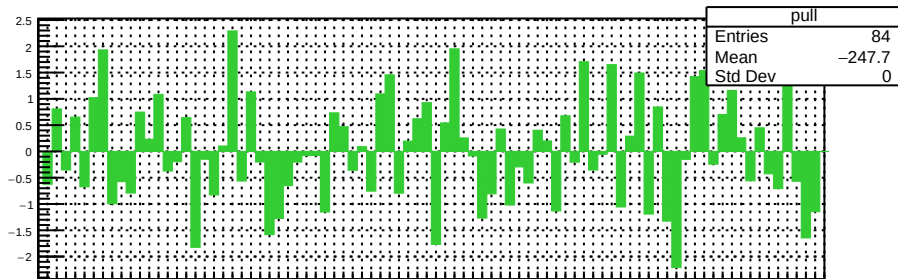
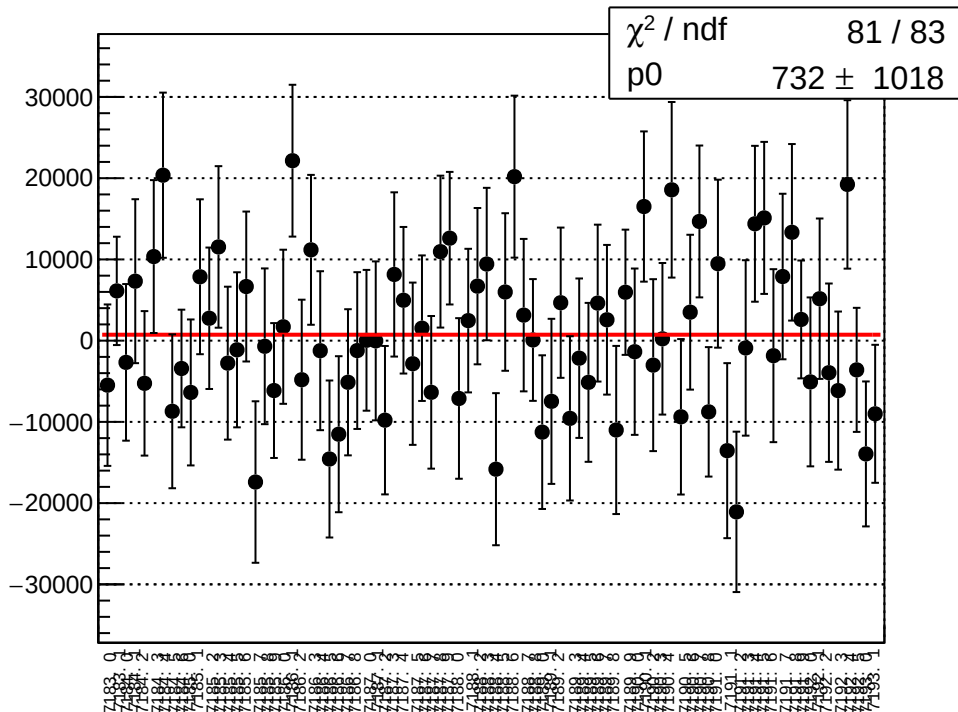
cor_asym_usr_atr1_avg_mean vs run



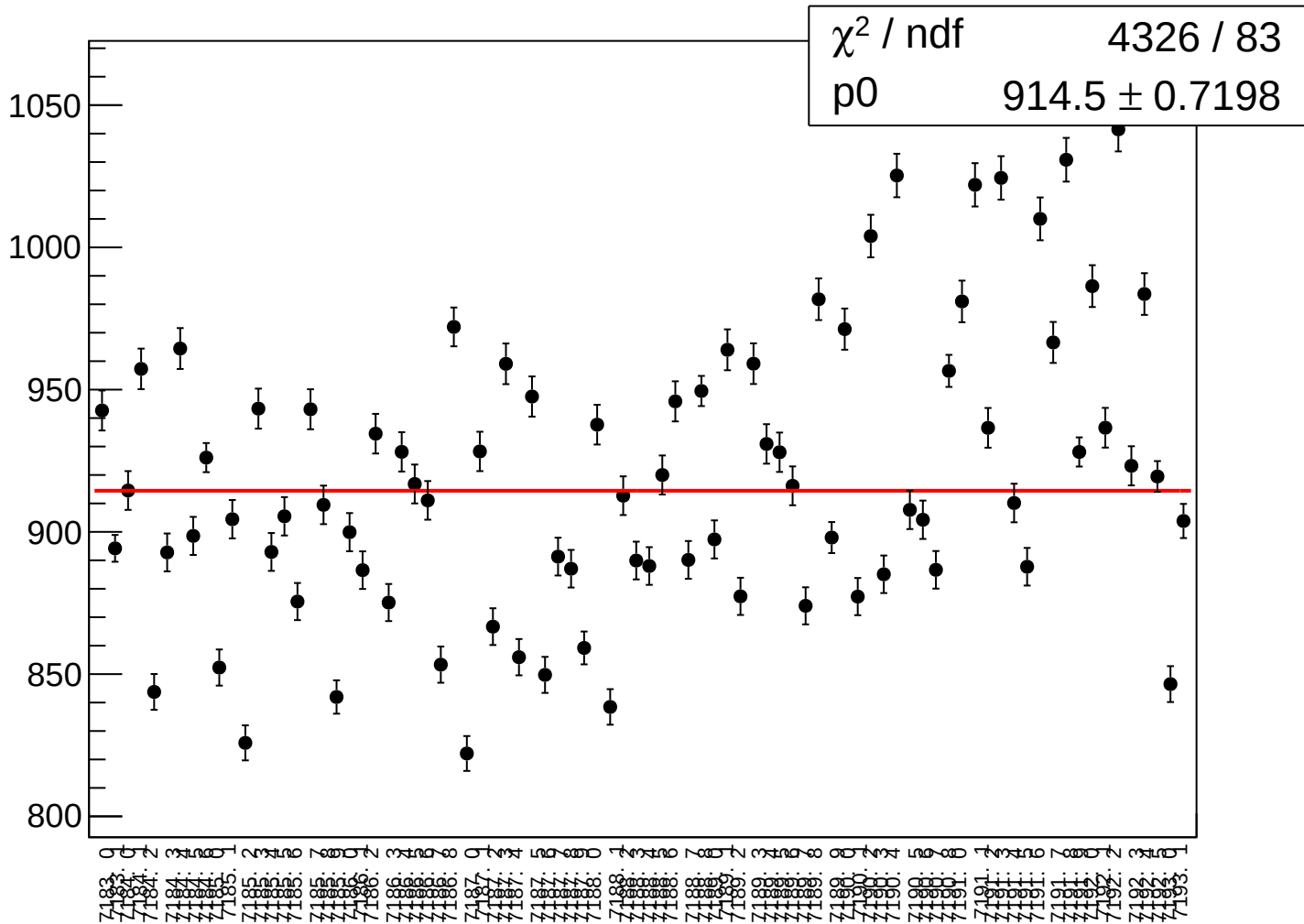
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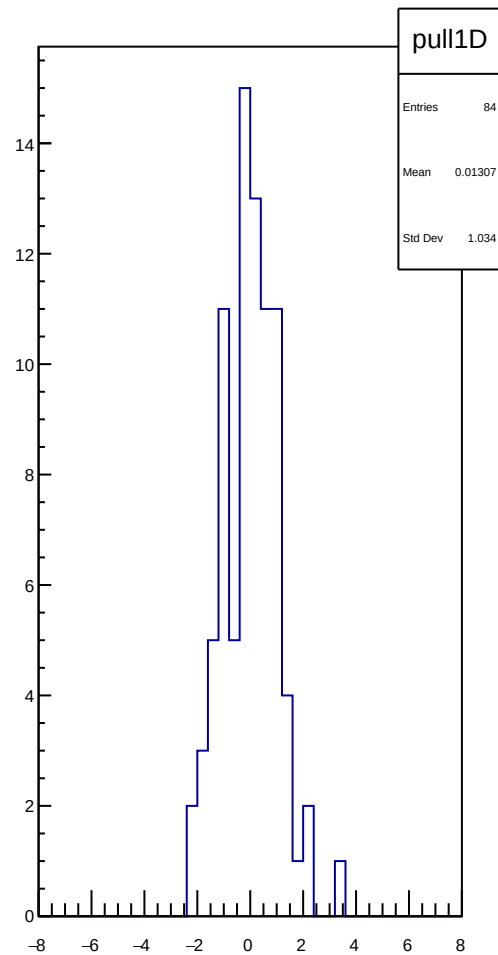
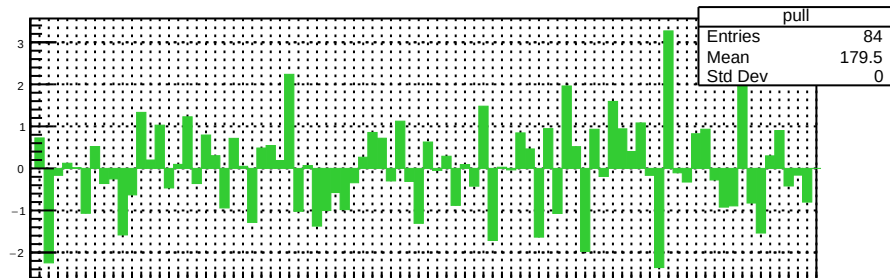
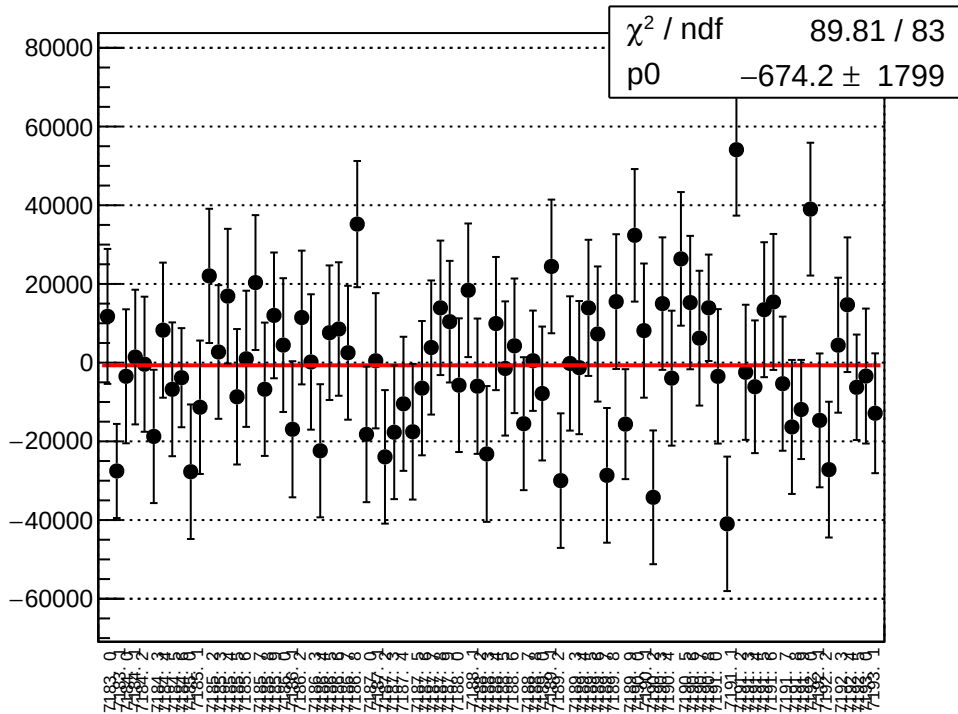
asym_usr_atr1_avg_cor_correction_mean vs run



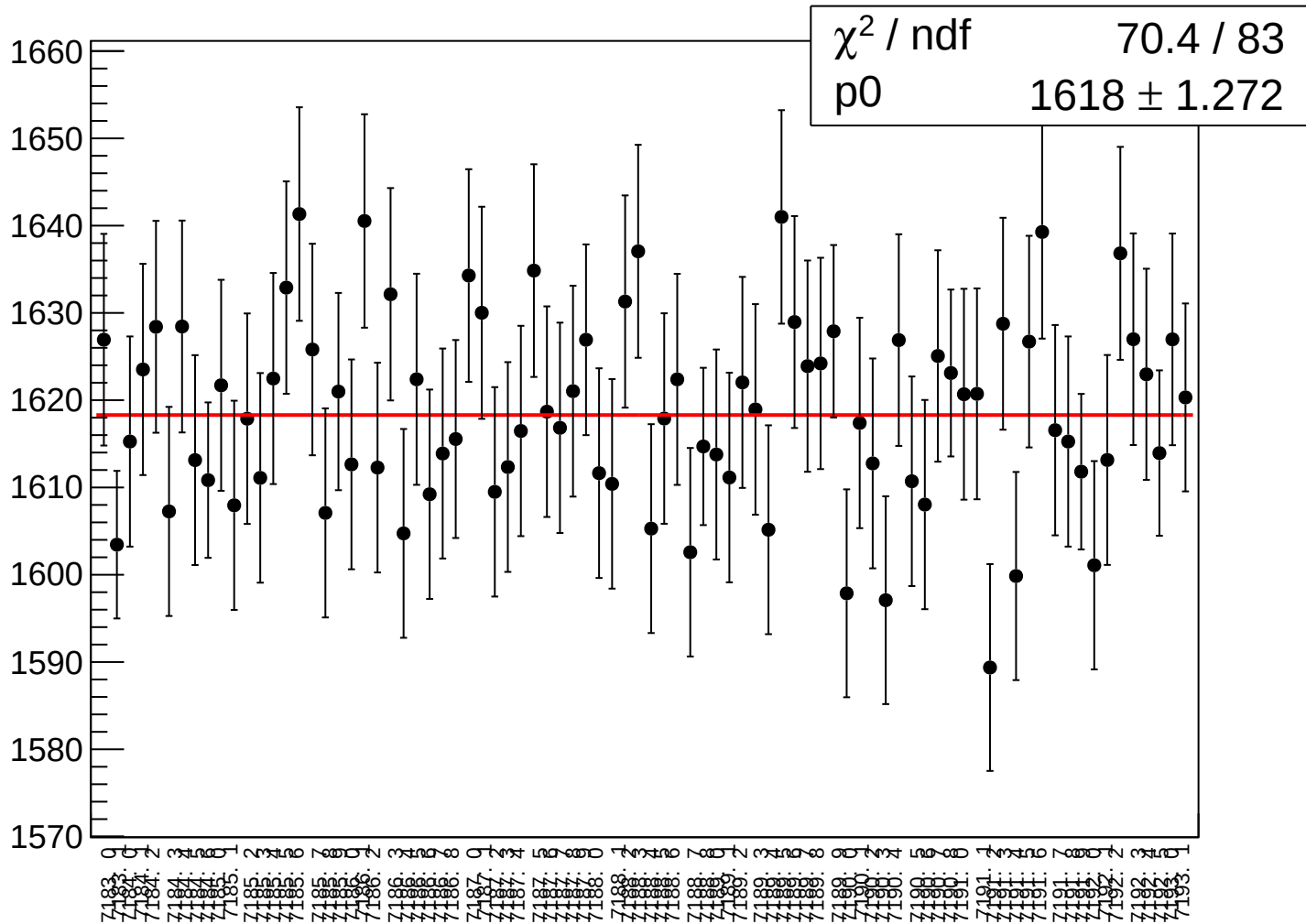
asym_usr_atr1_avg_cor_correction_rms vs run



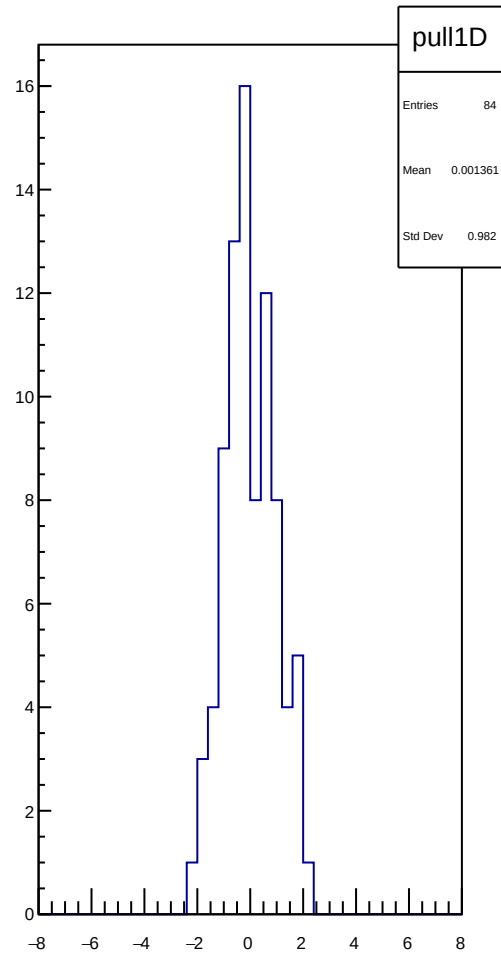
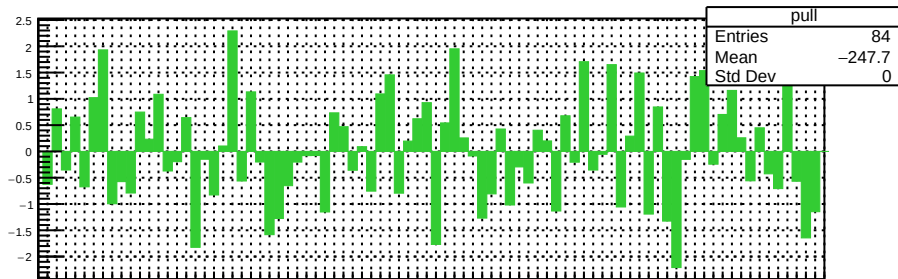
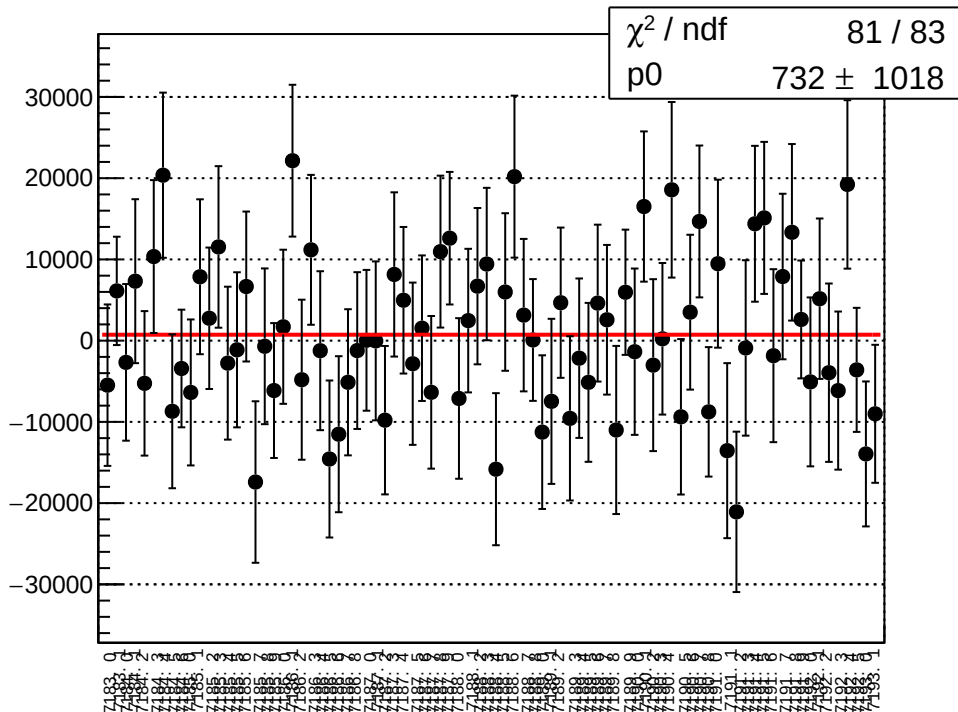
eigen_cor_asym_usr_atr1_avg_mean vs run



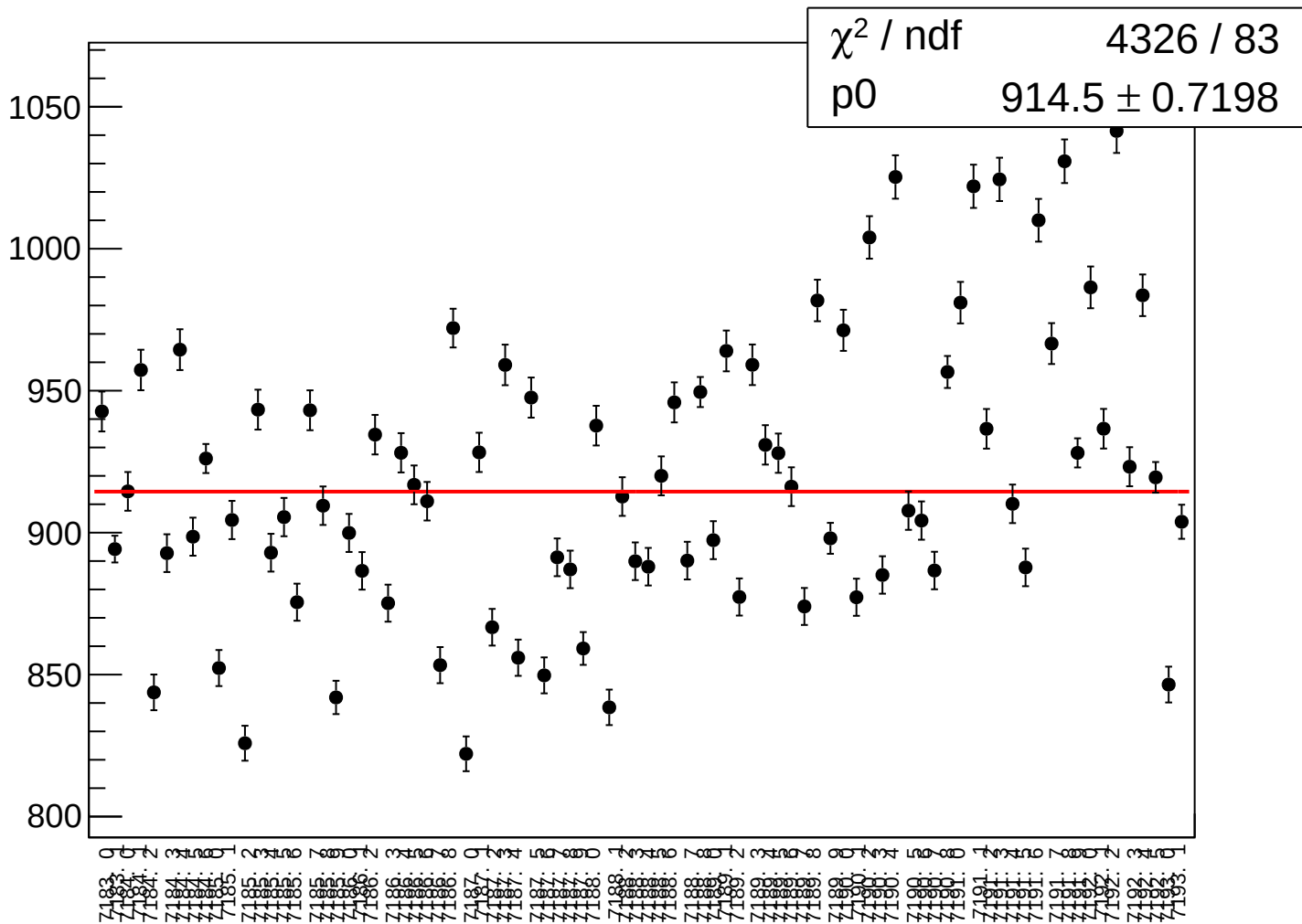
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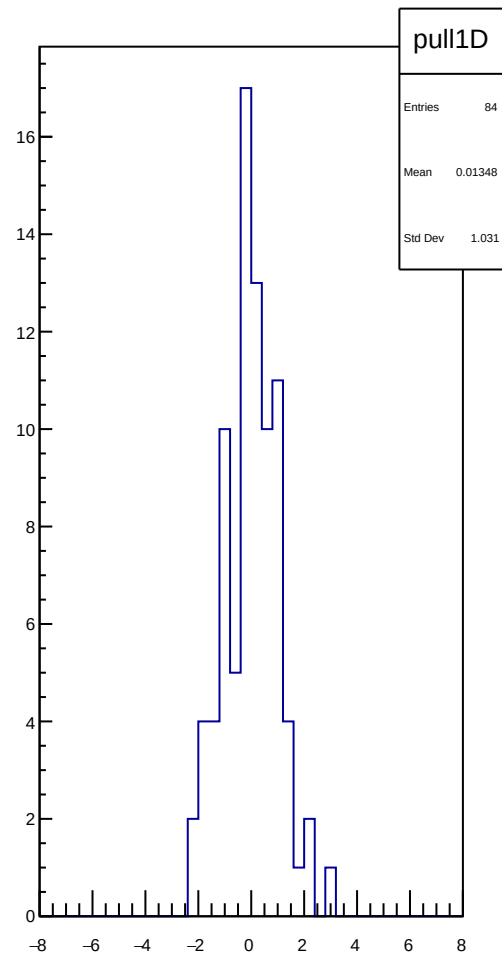
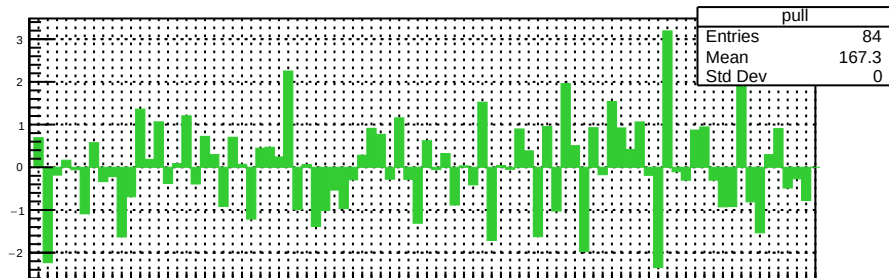
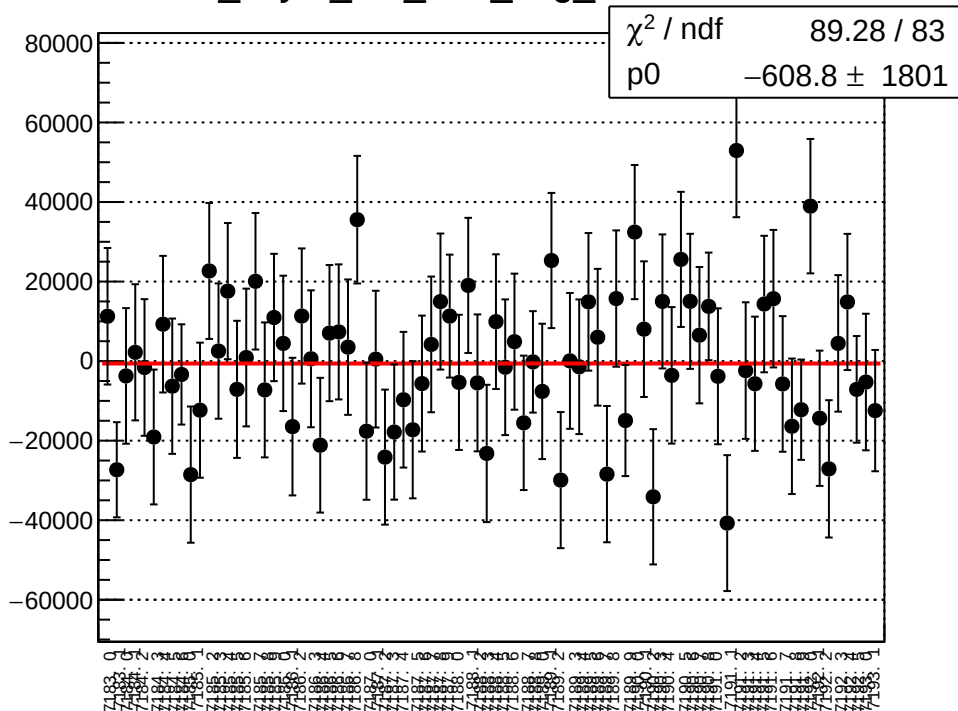
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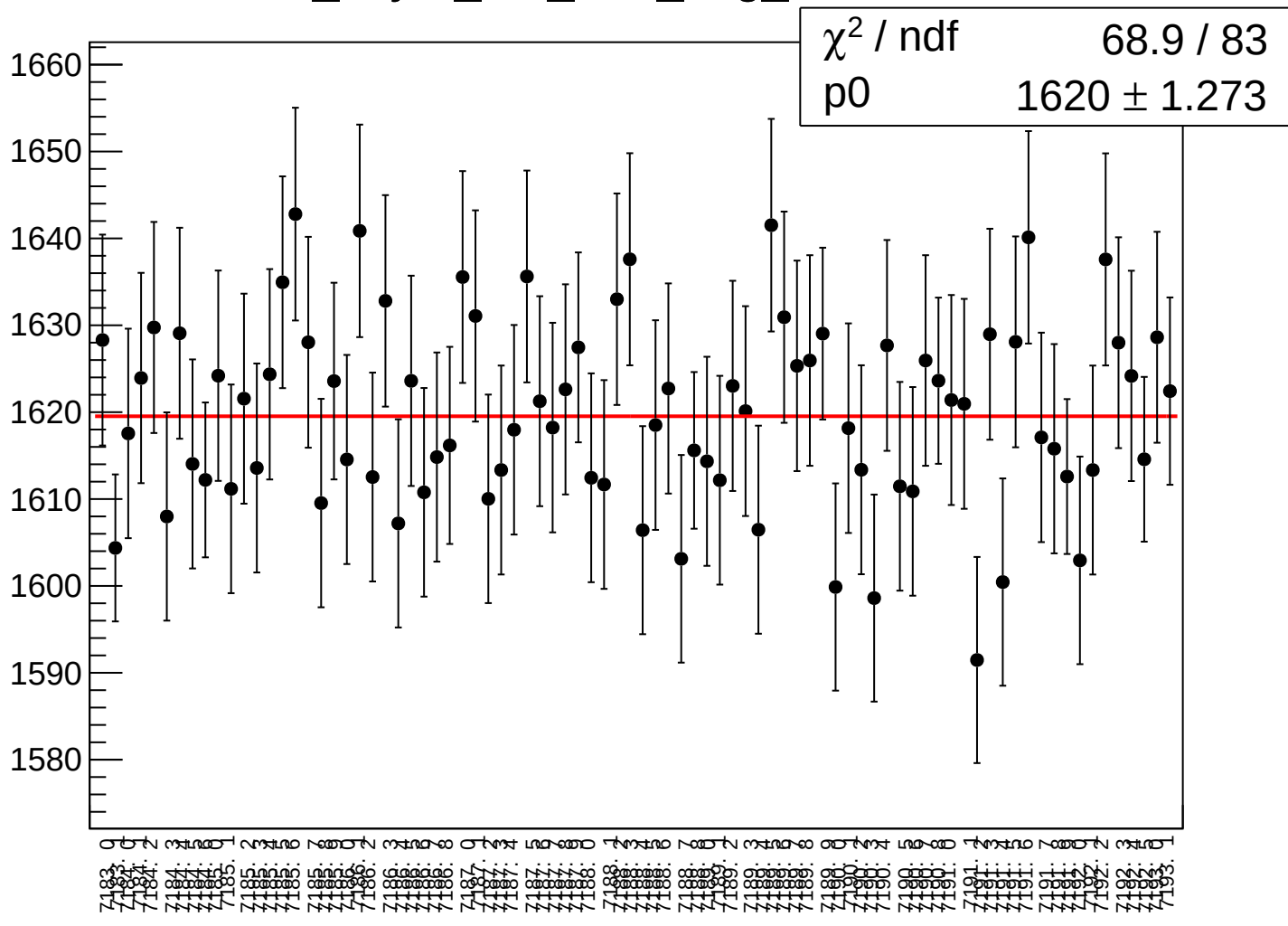
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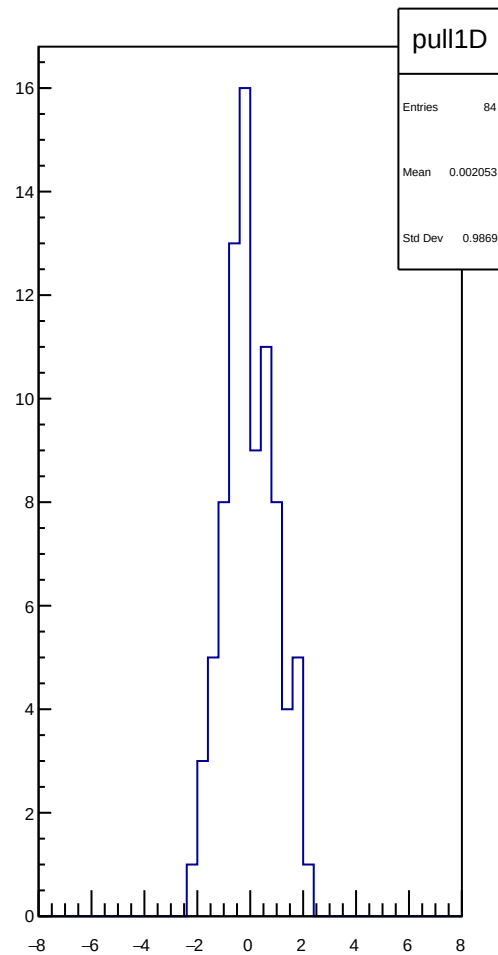
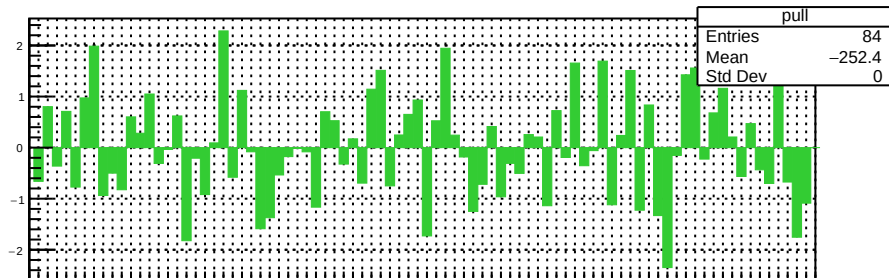
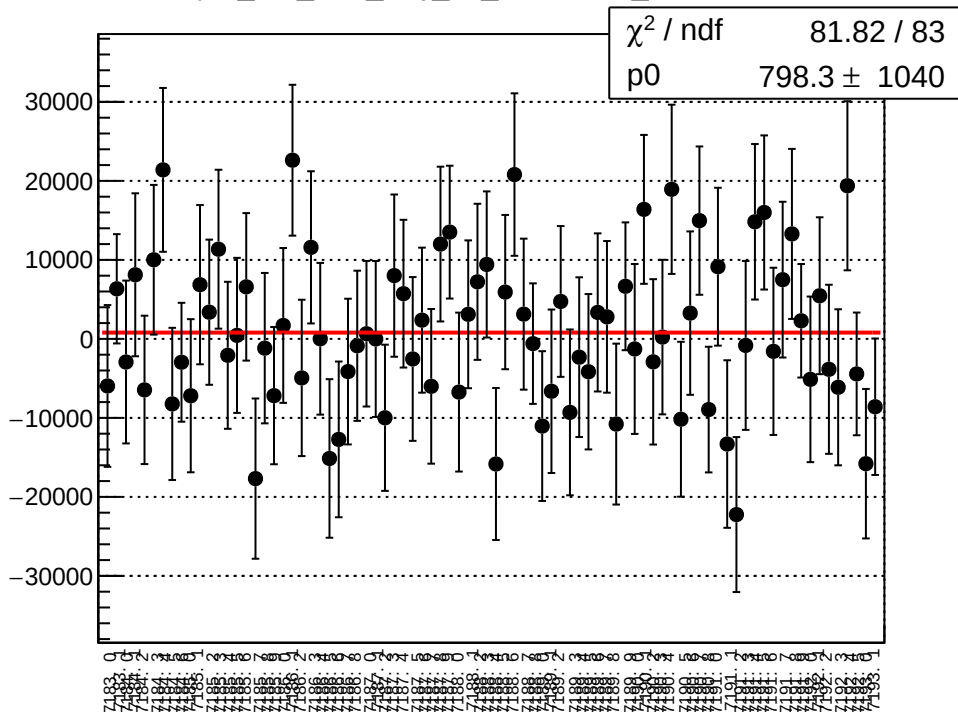
dit_asym_usr_atr1_avg_mean vs run



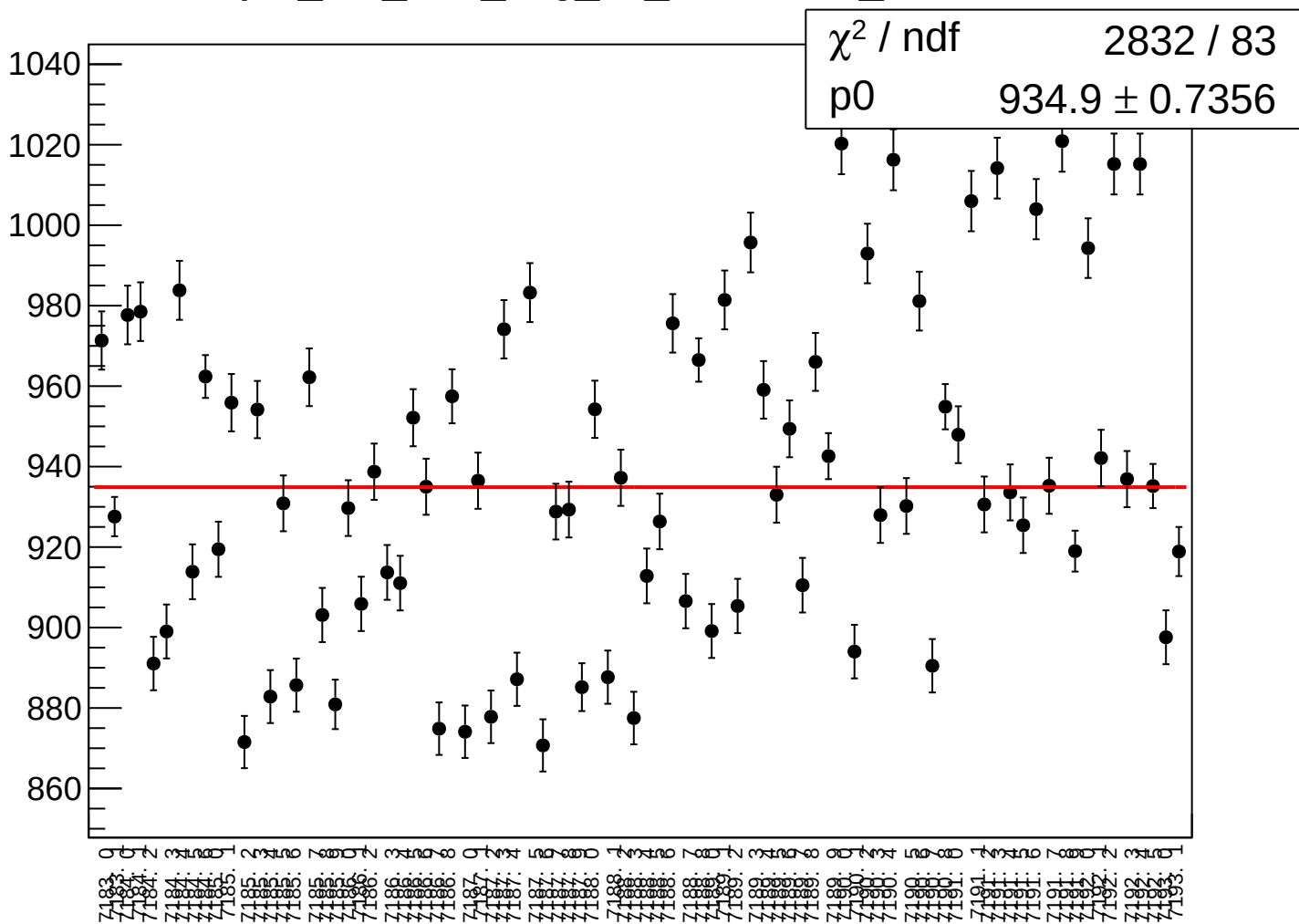
dit_asym_usr_atr1_avg_rms vs run



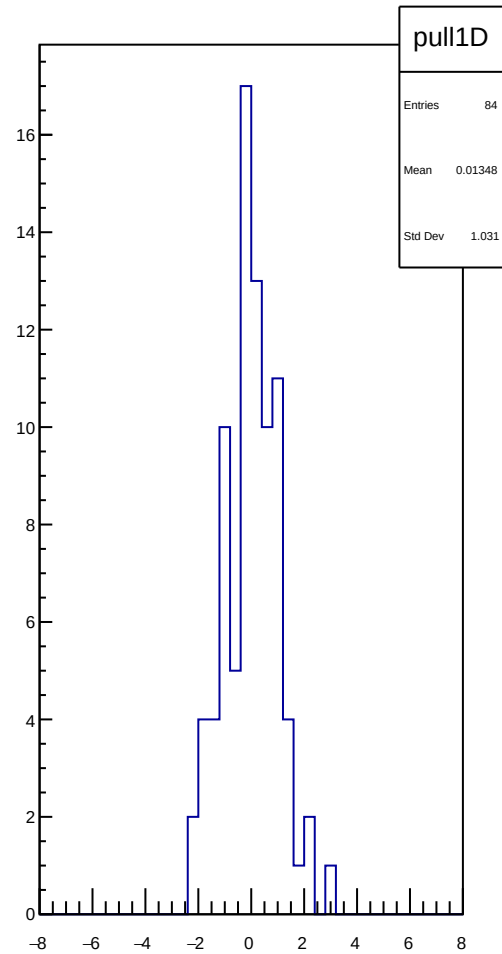
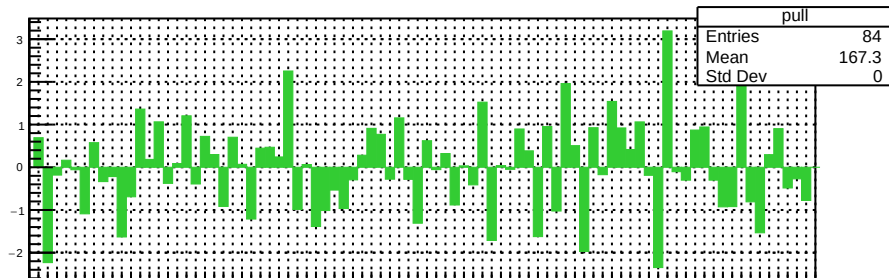
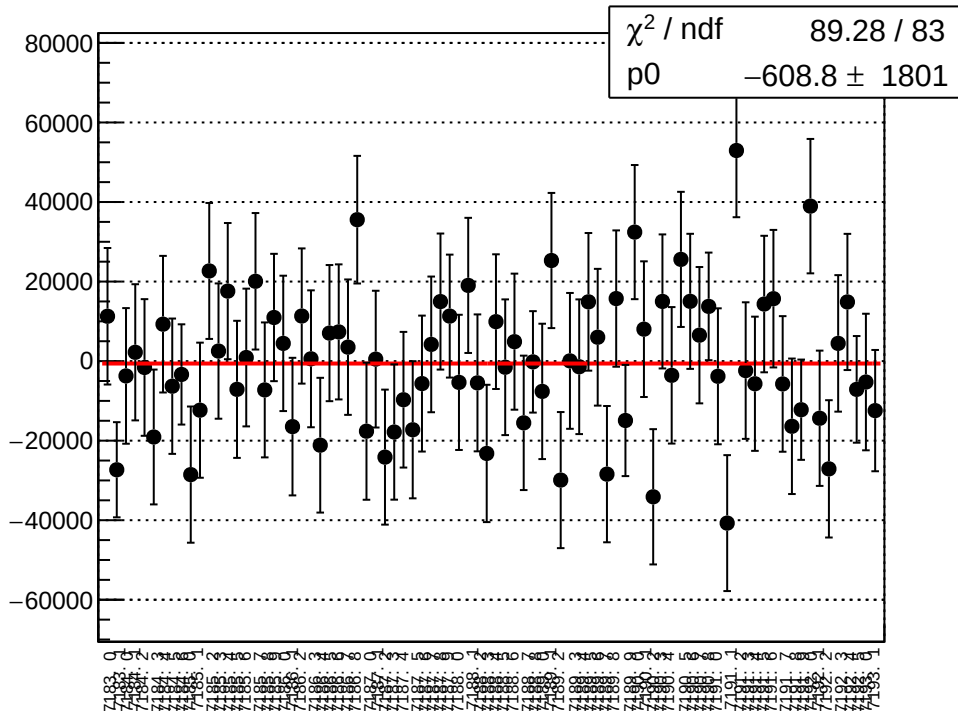
asym_usr_atr1_avg_dit_correction_mean vs run



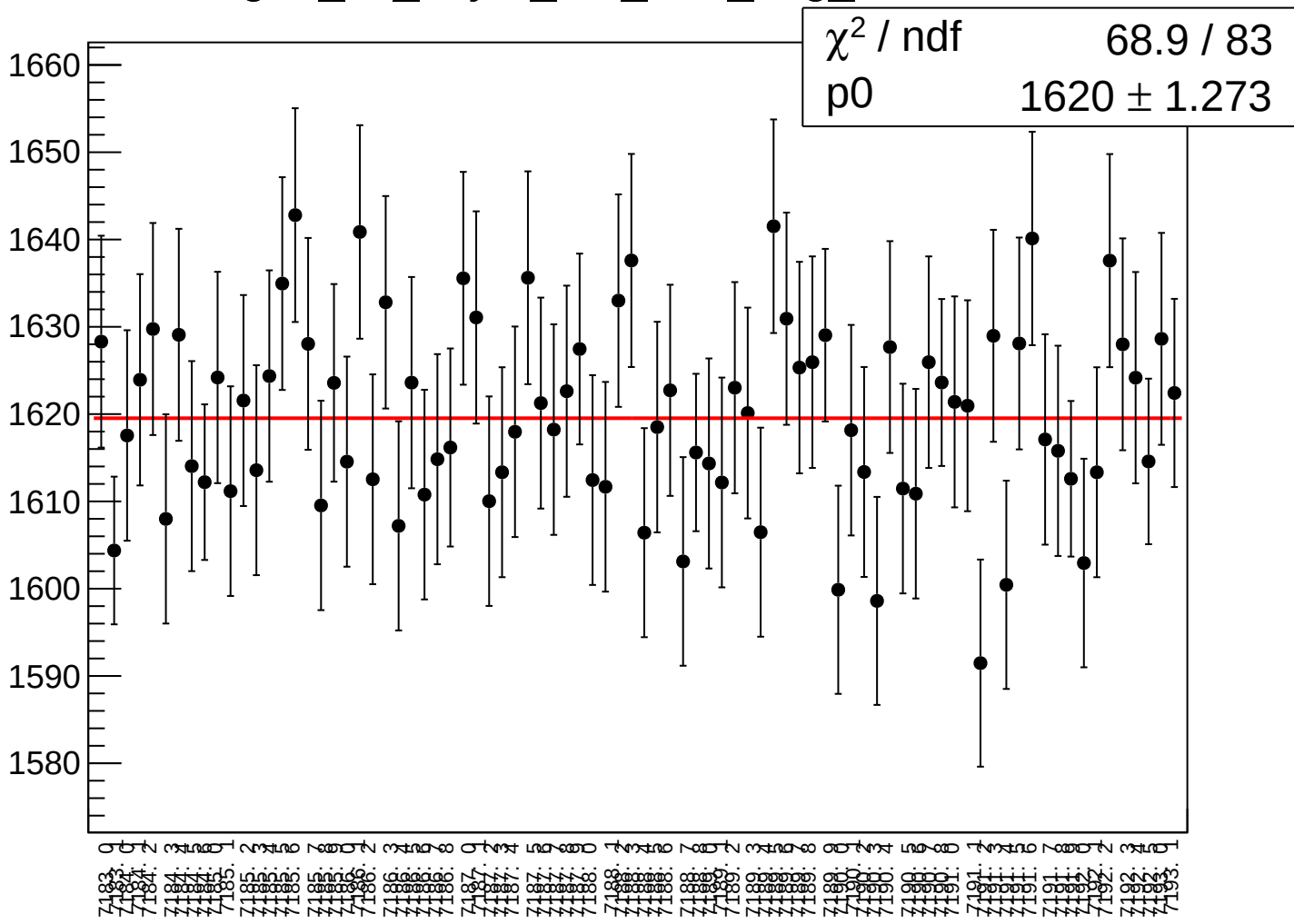
asym_usr_atr1_avg_dit_correction_rms vs run



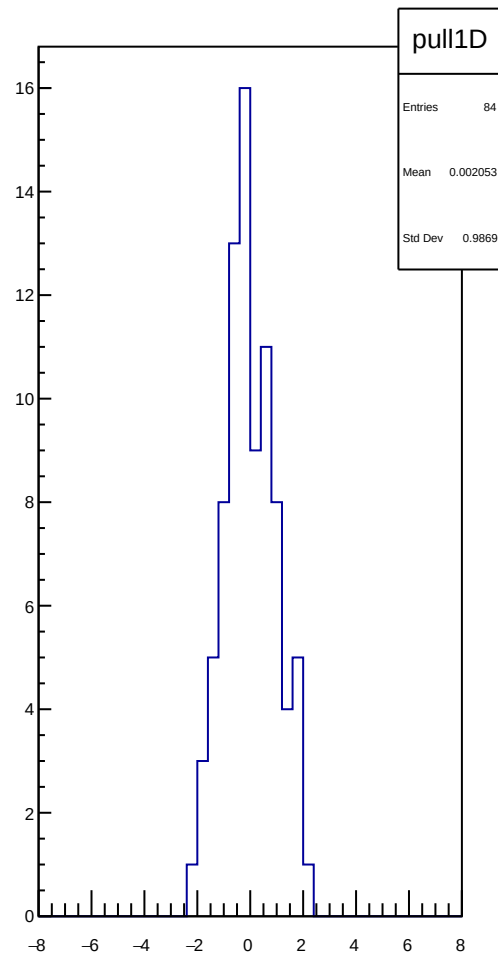
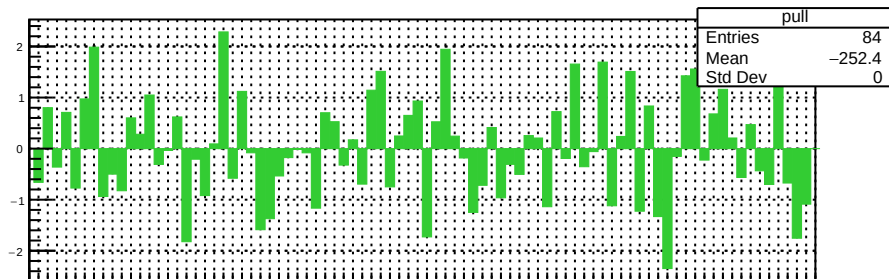
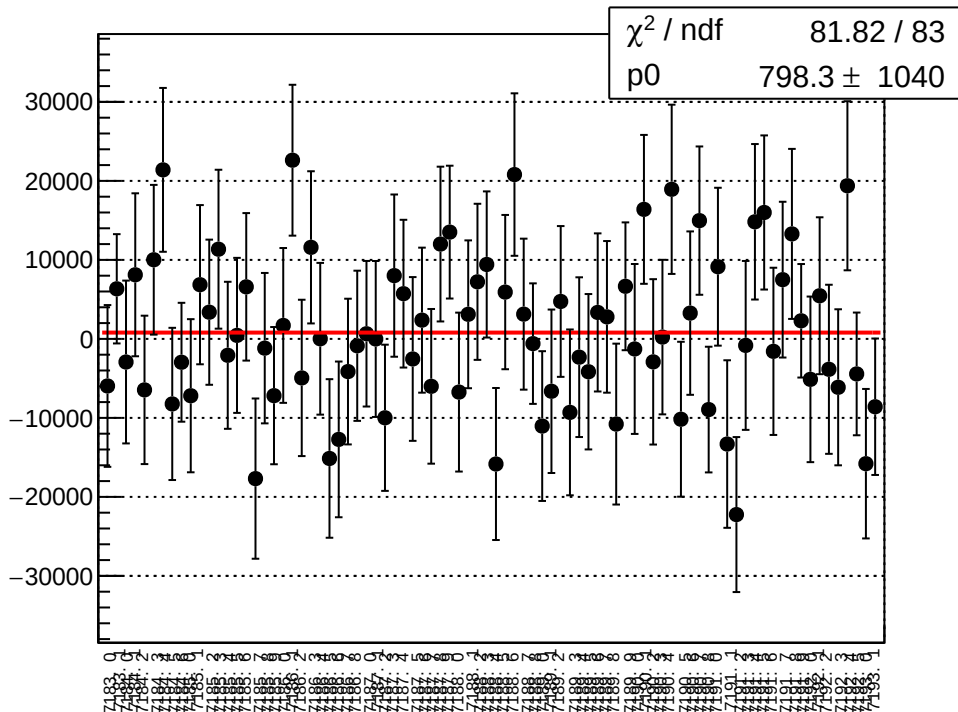
eigen_dit_asym_usr_atr1_avg_mean vs run



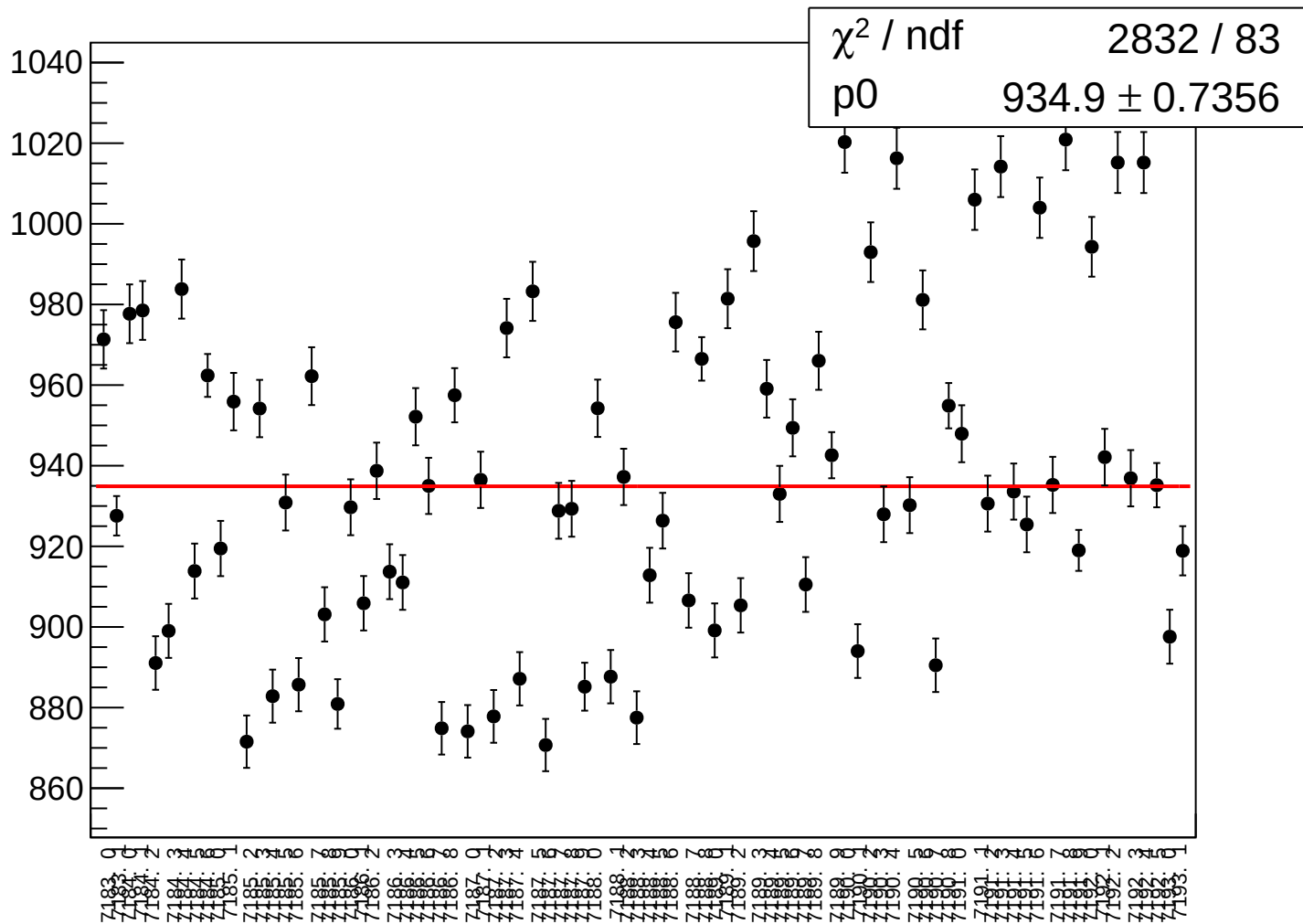
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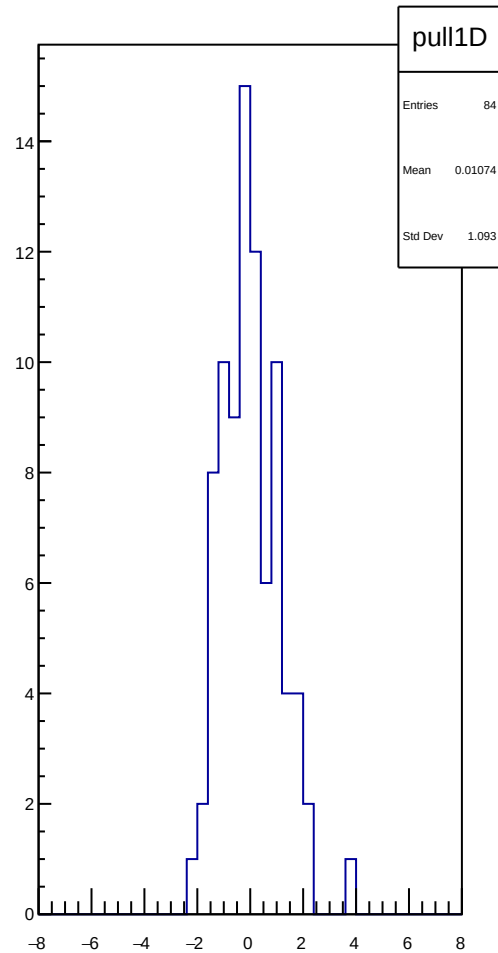
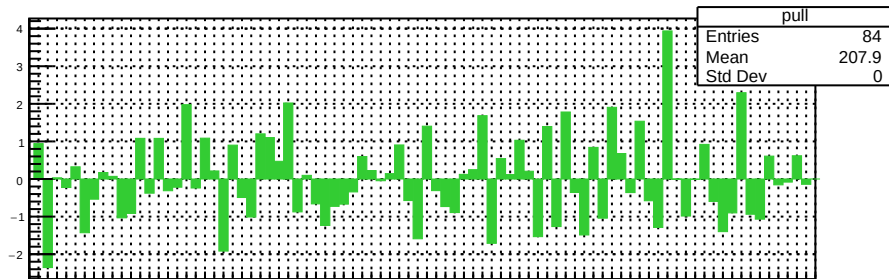
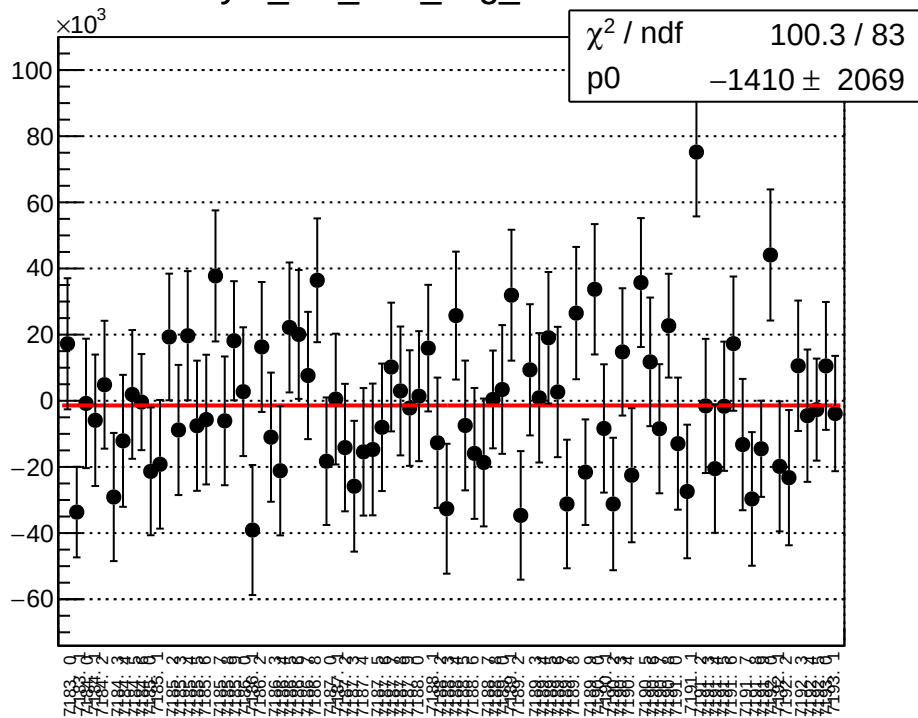
asym_usr_atr1_avg_eigen_dit_correction_mean vs run



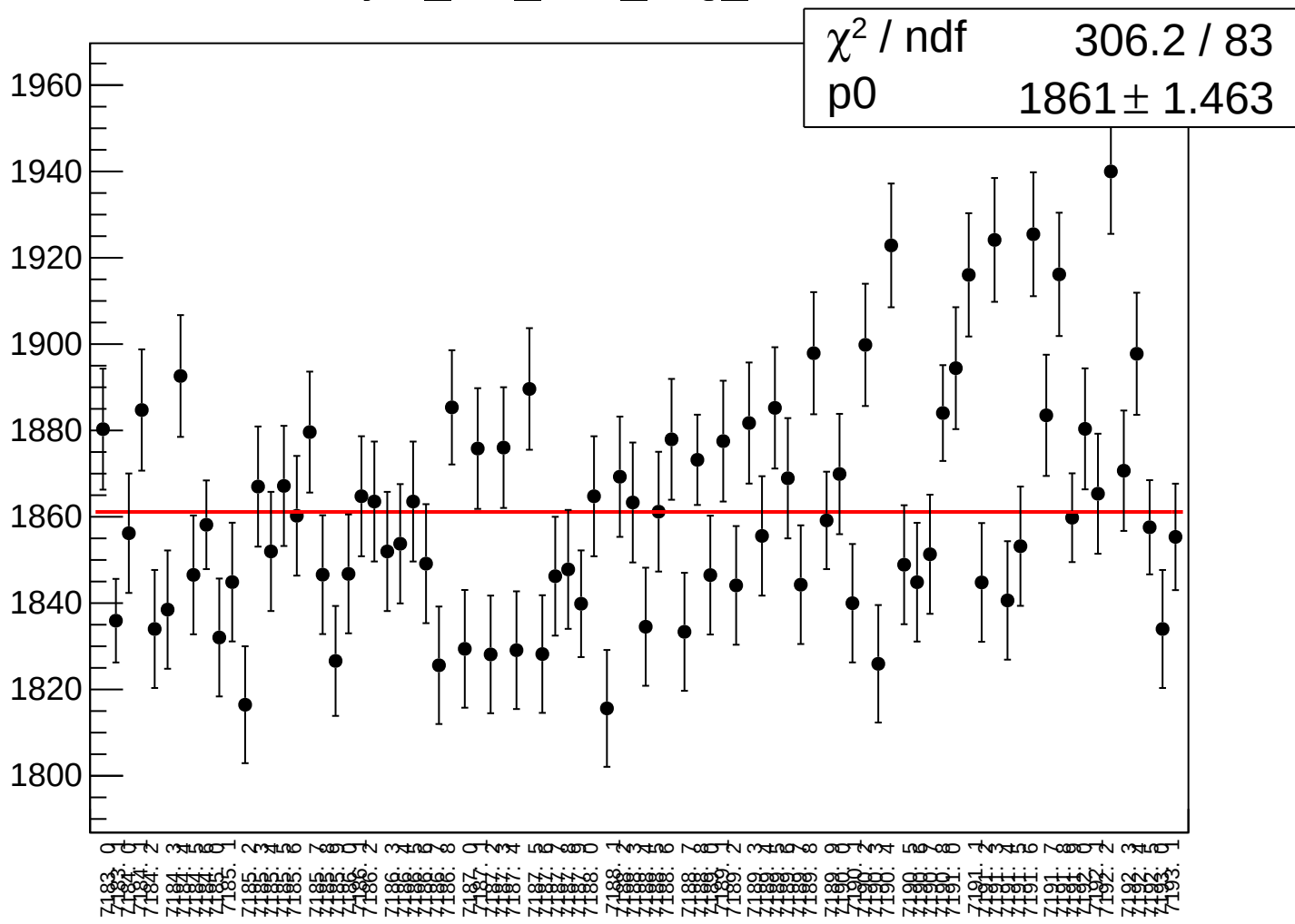
asym_usr_atr1_avg_eigen_dit_correction_rms vs run



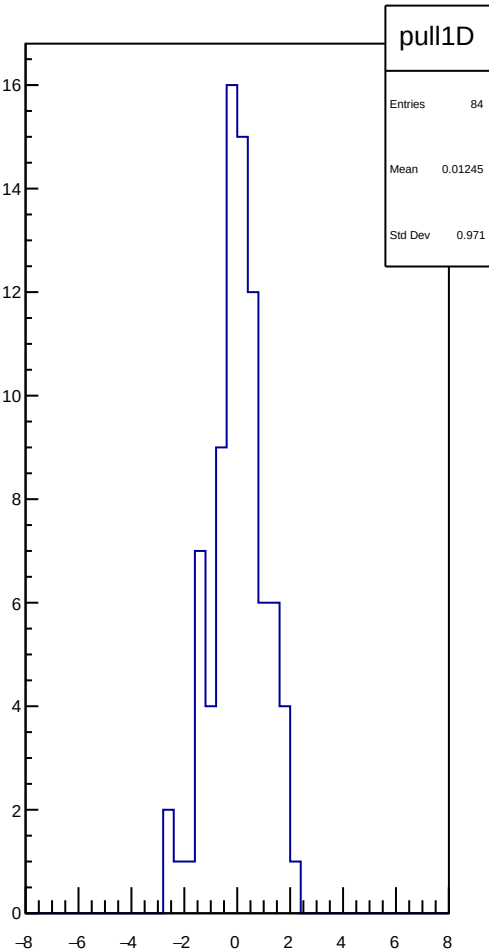
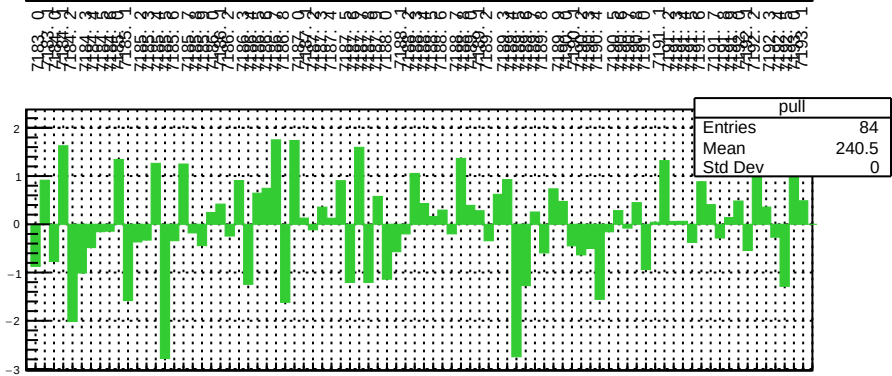
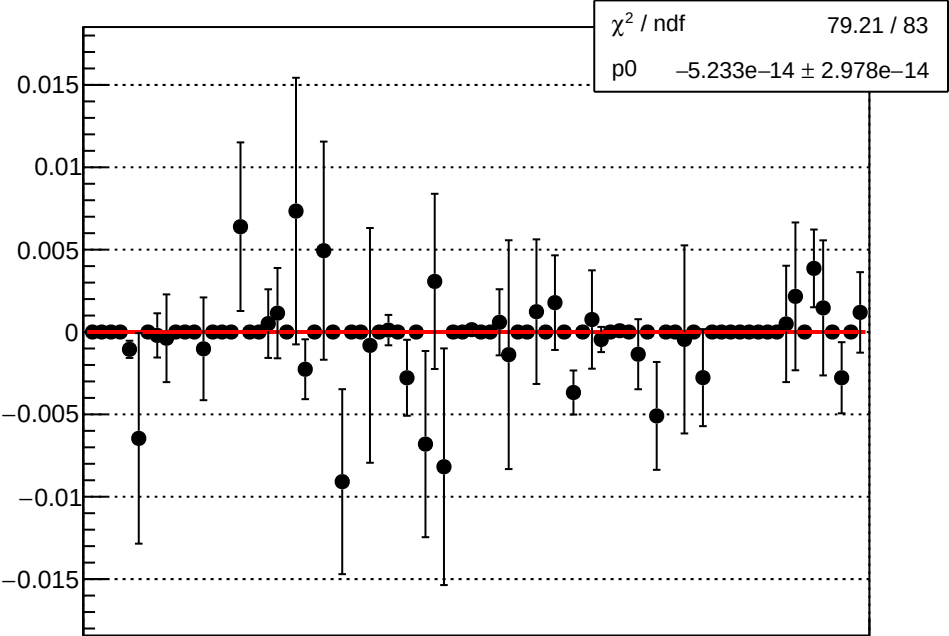
asym_usr_atr1_avg_mean vs run



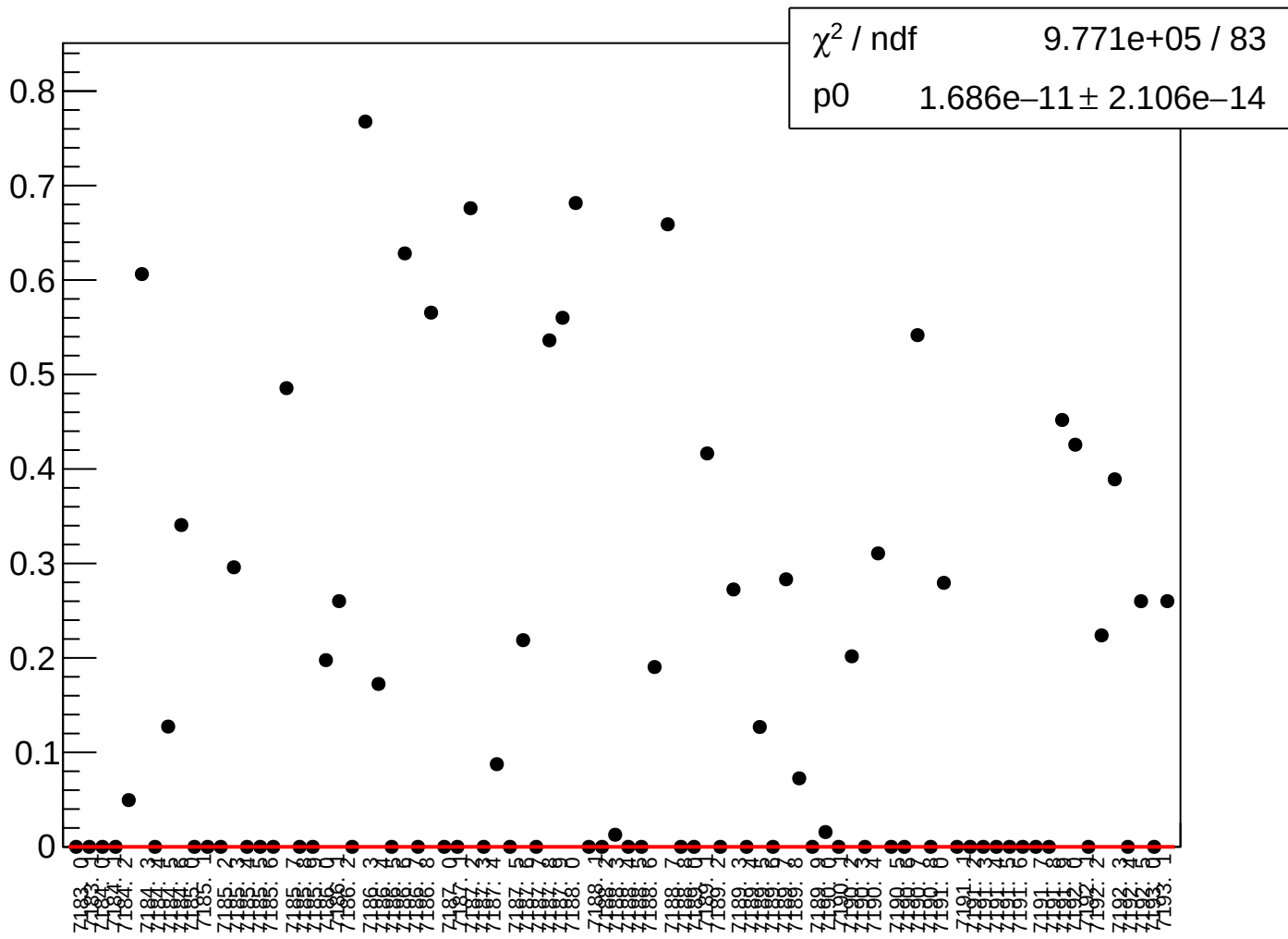
asym_usr_atr1_avg_rms vs run



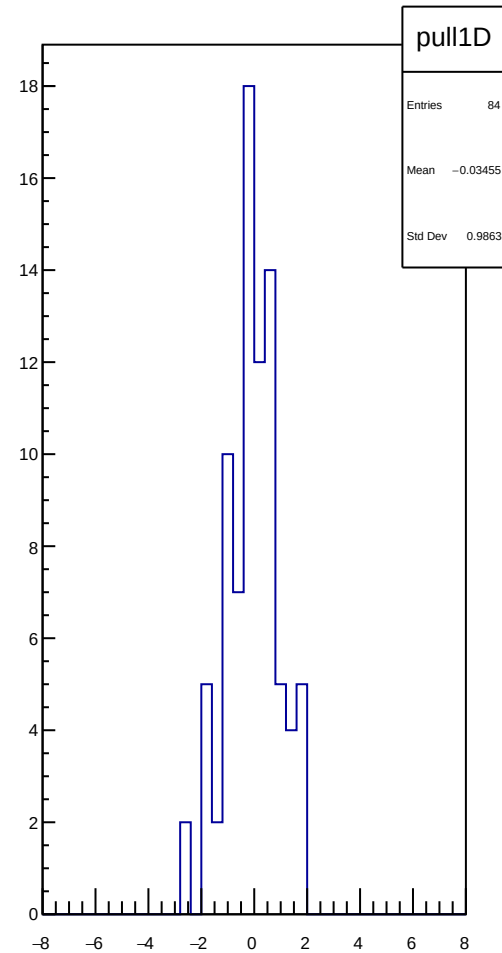
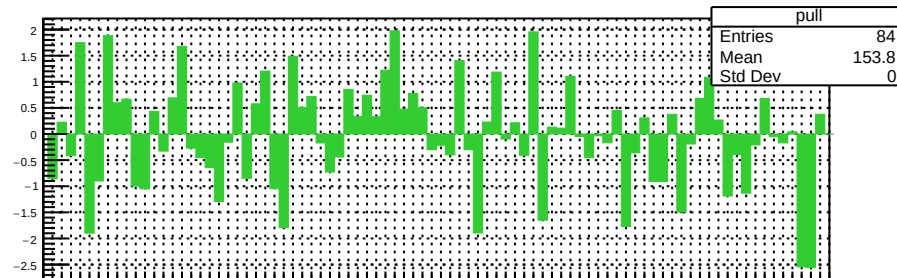
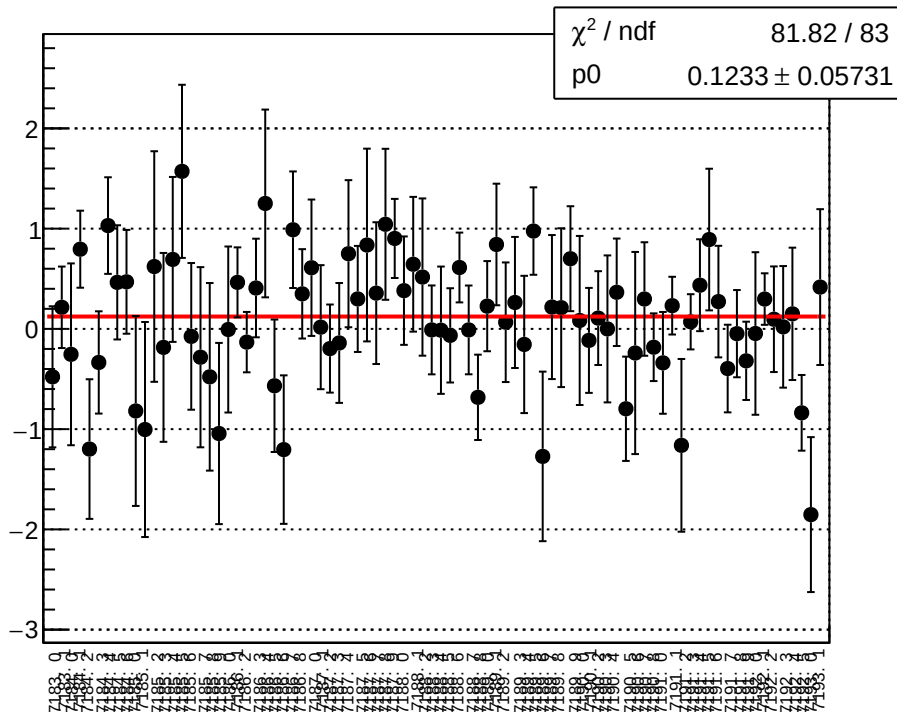
asym_usr_atr1_avg_reg_vs_cor_diff_mean vs run



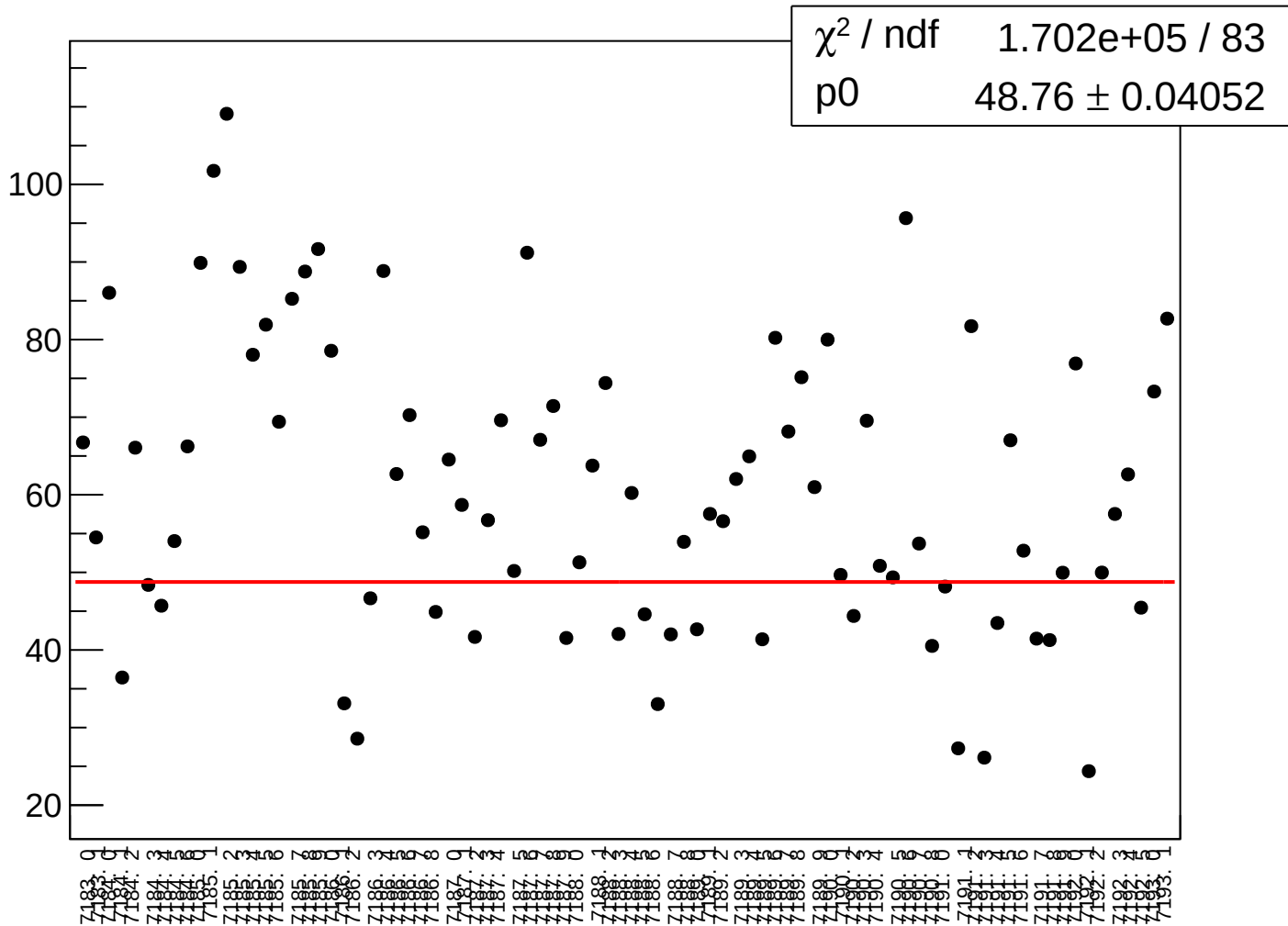
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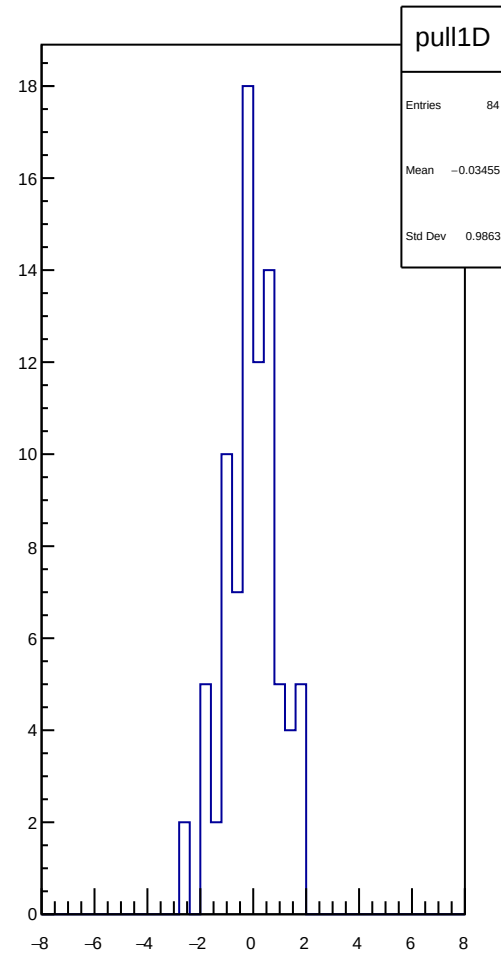
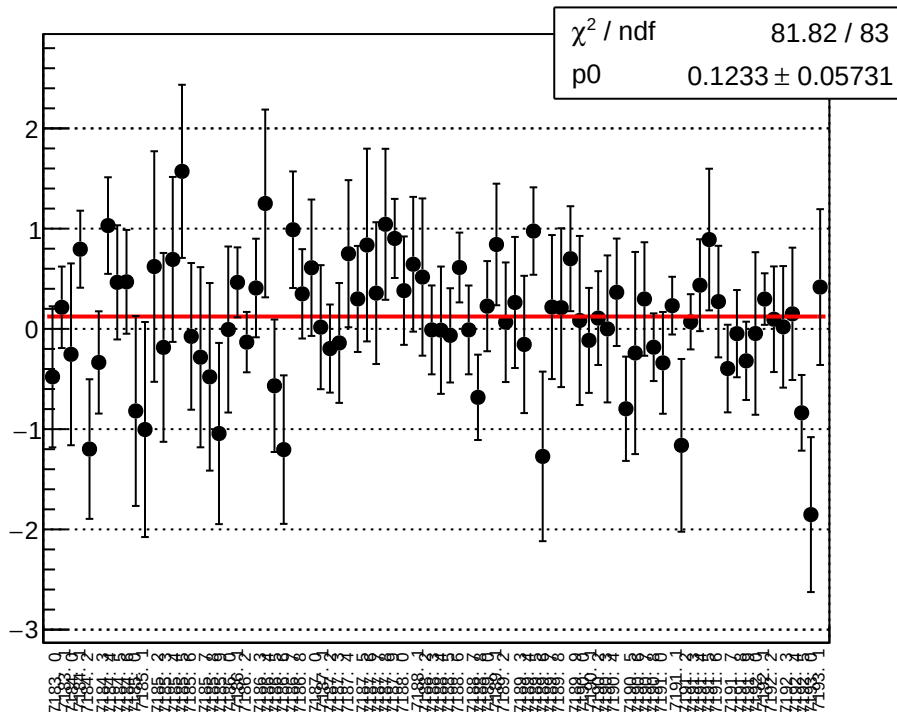
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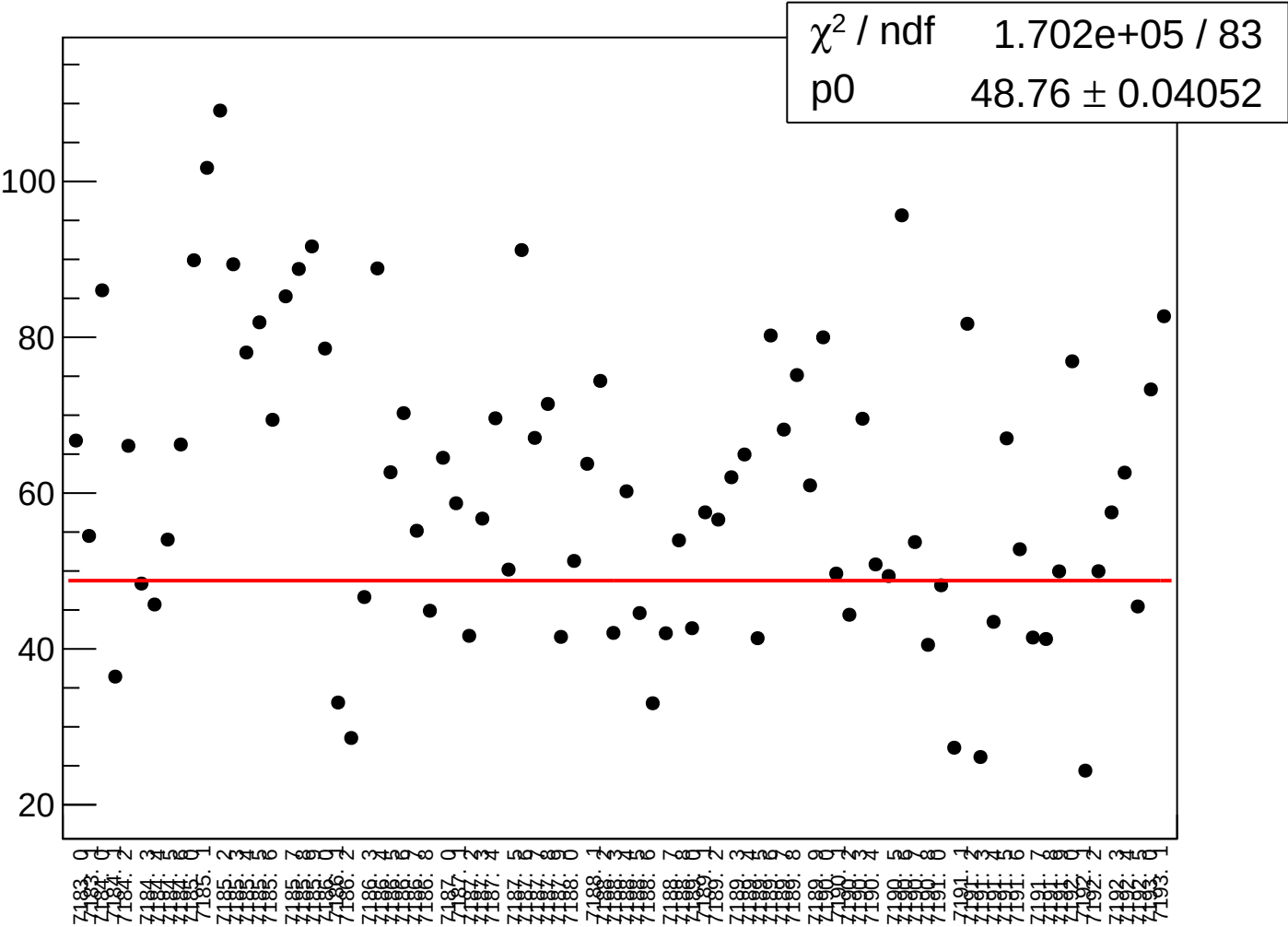
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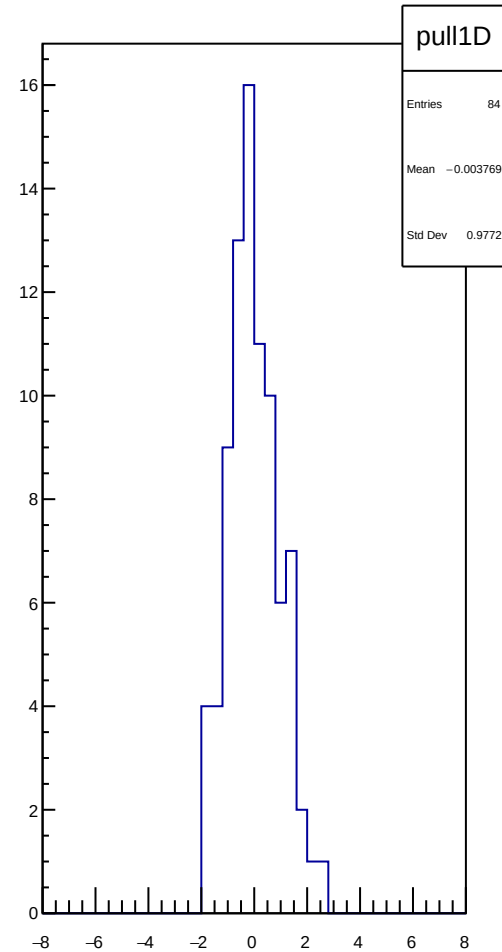
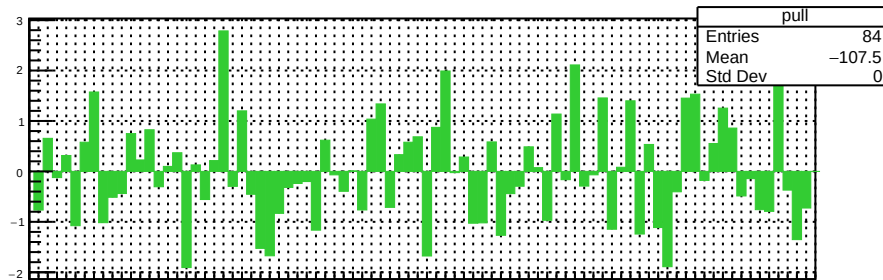
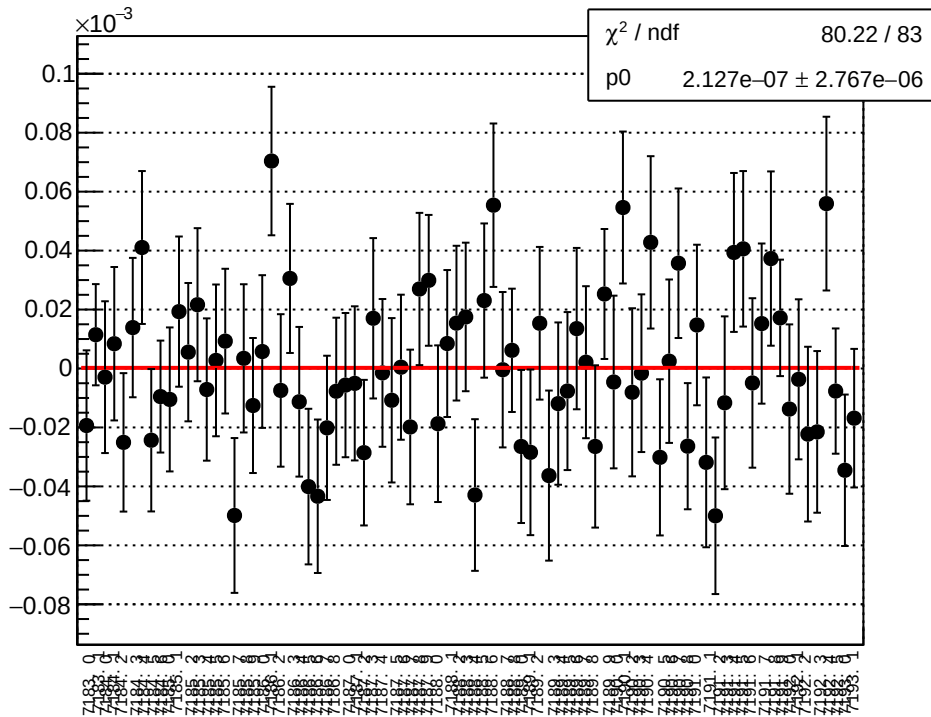
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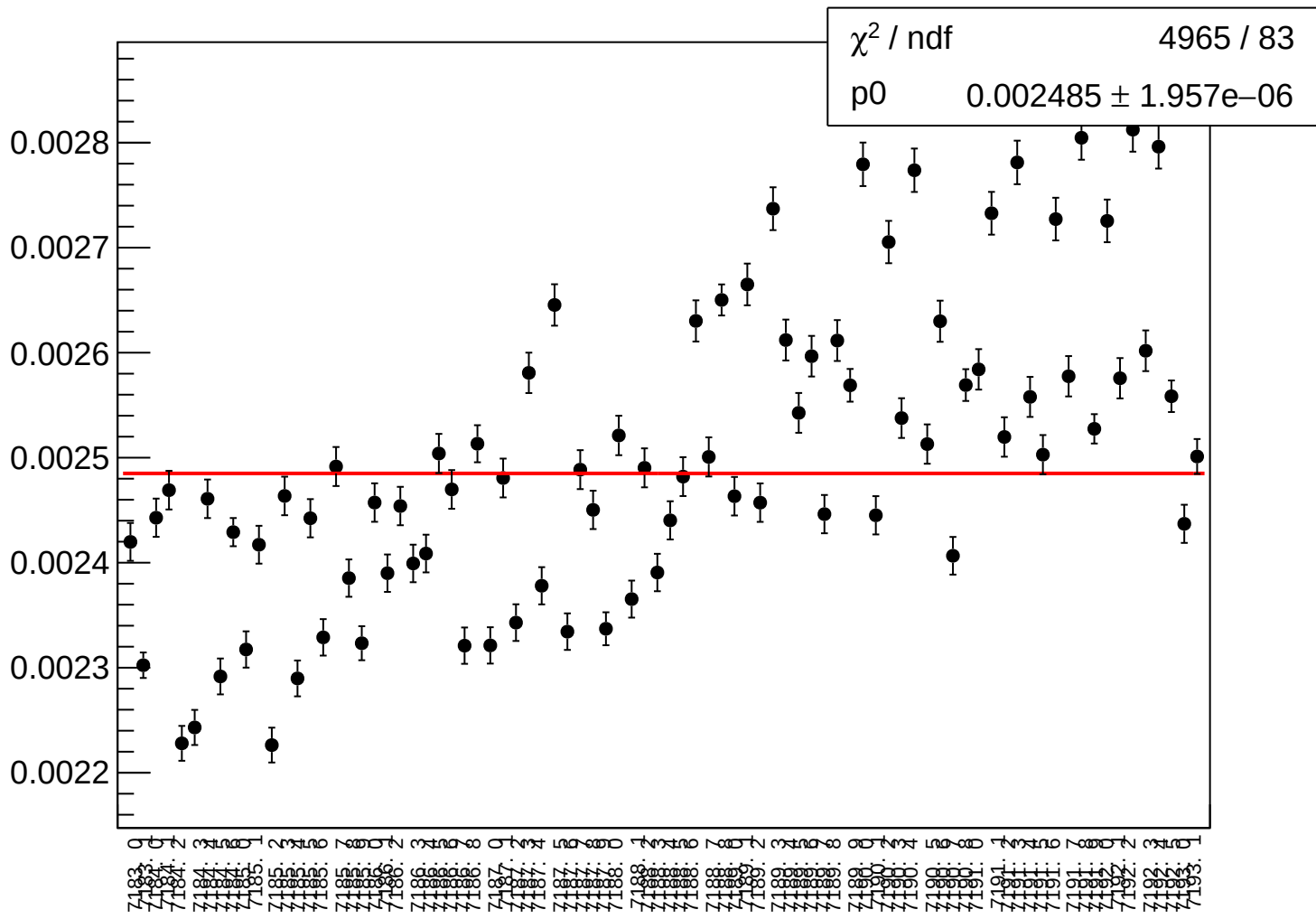
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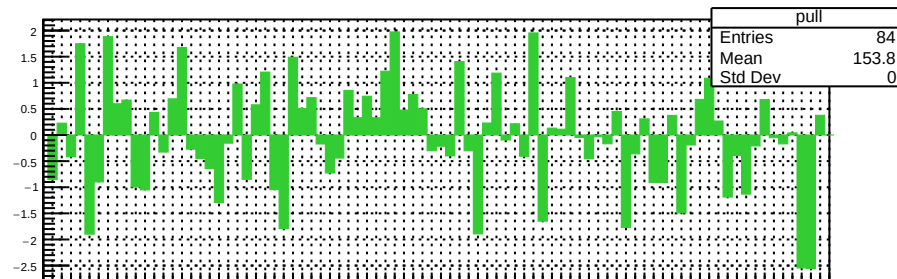
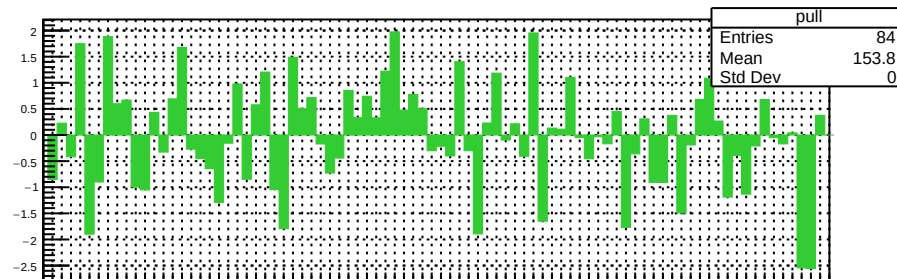
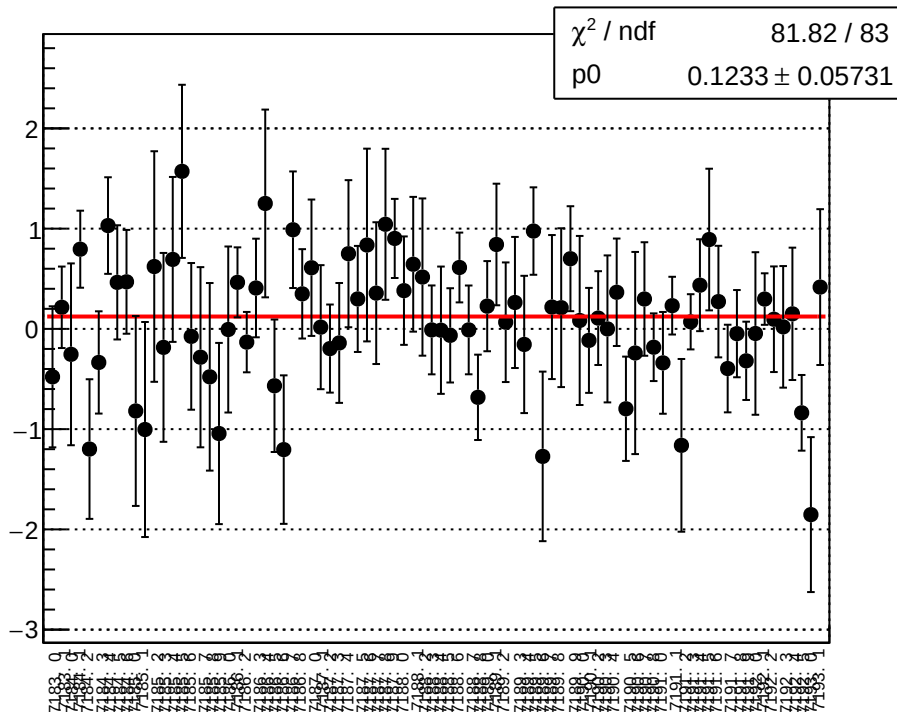
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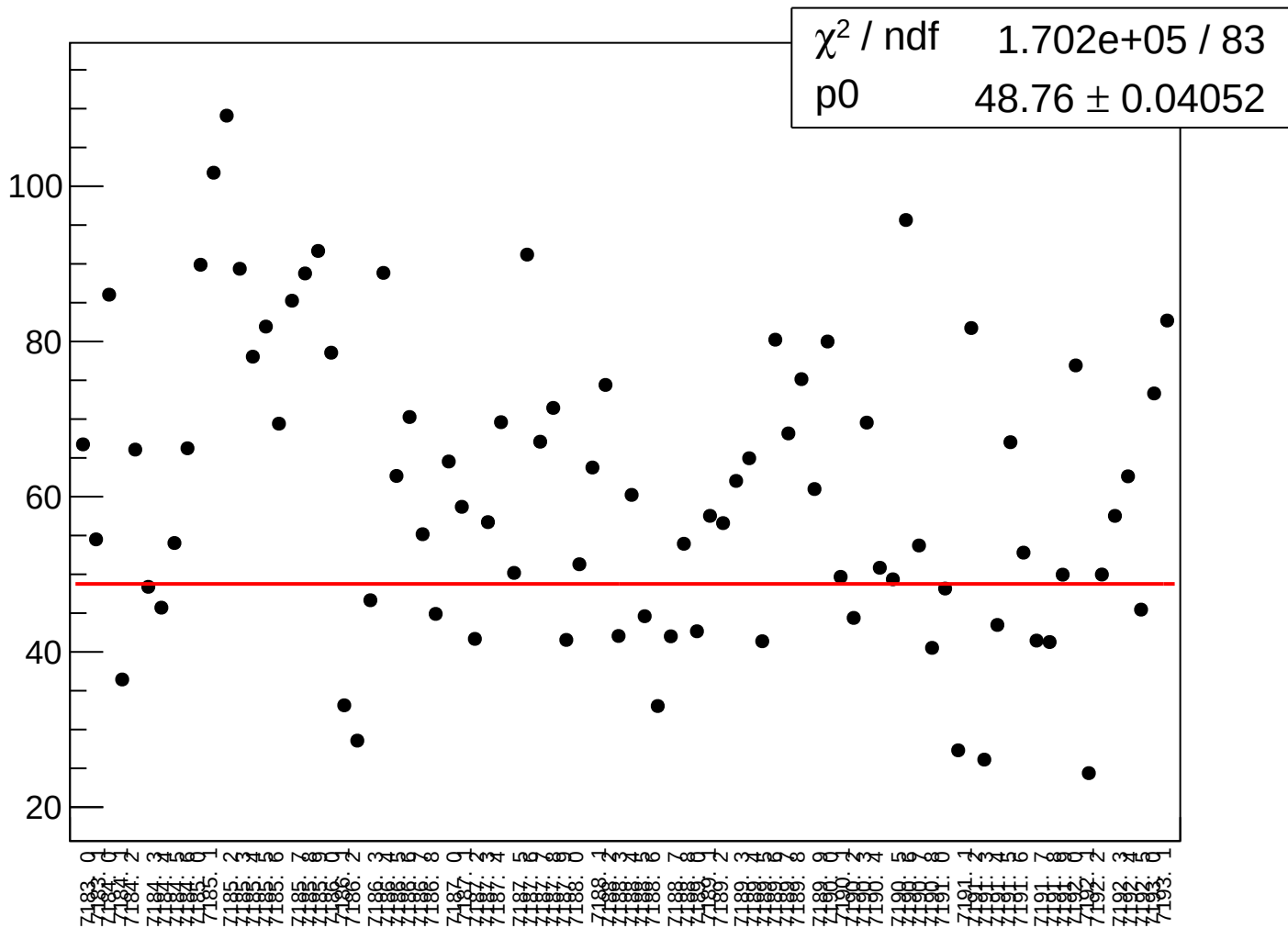
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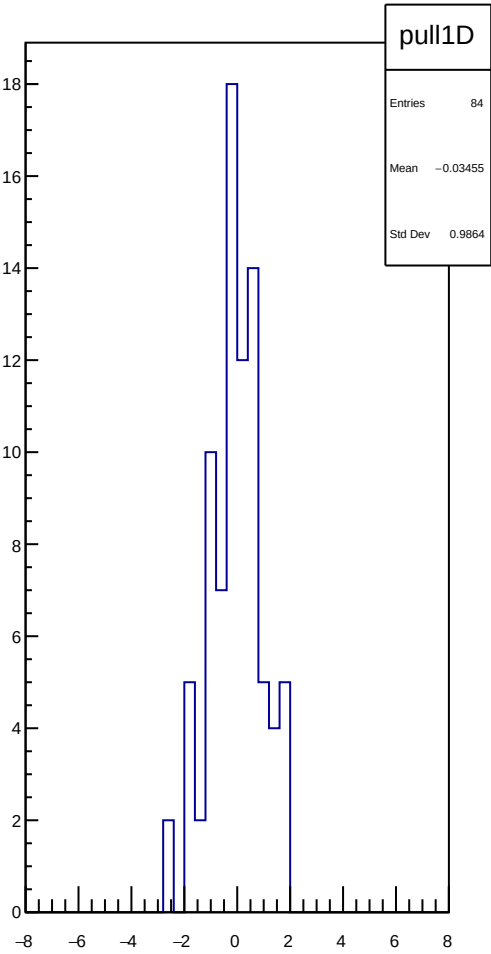
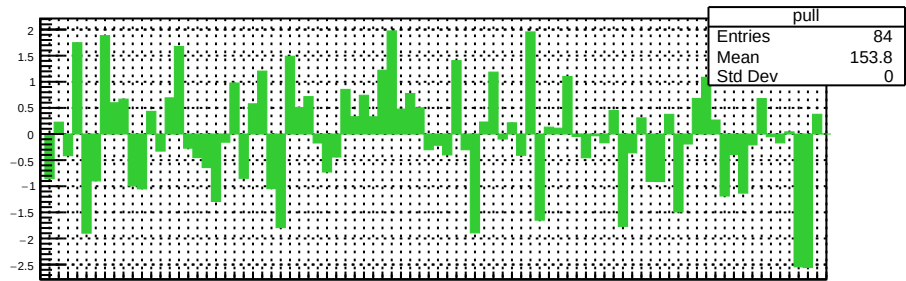
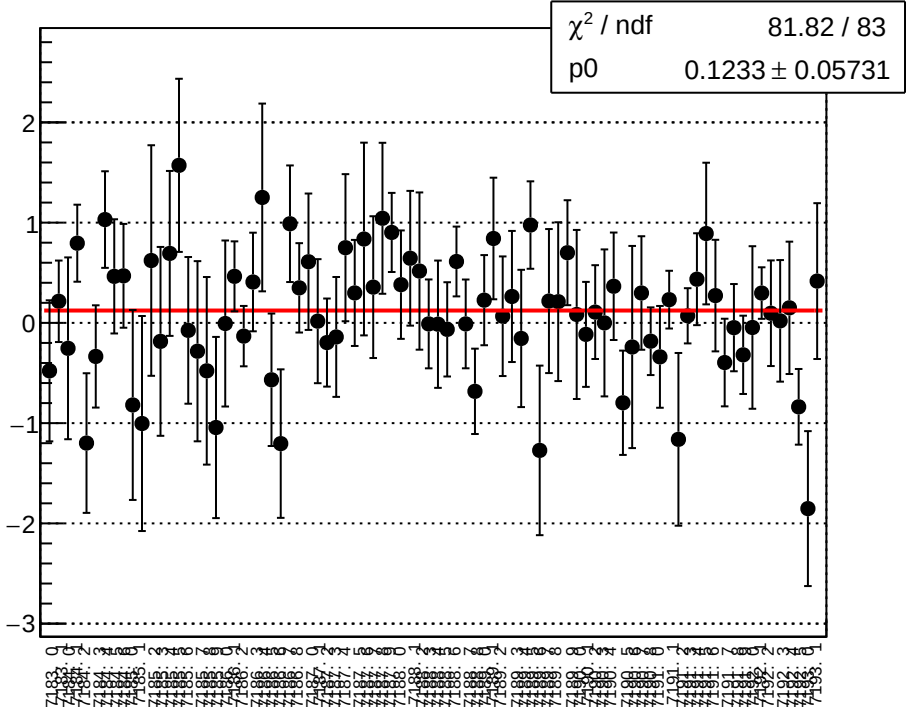
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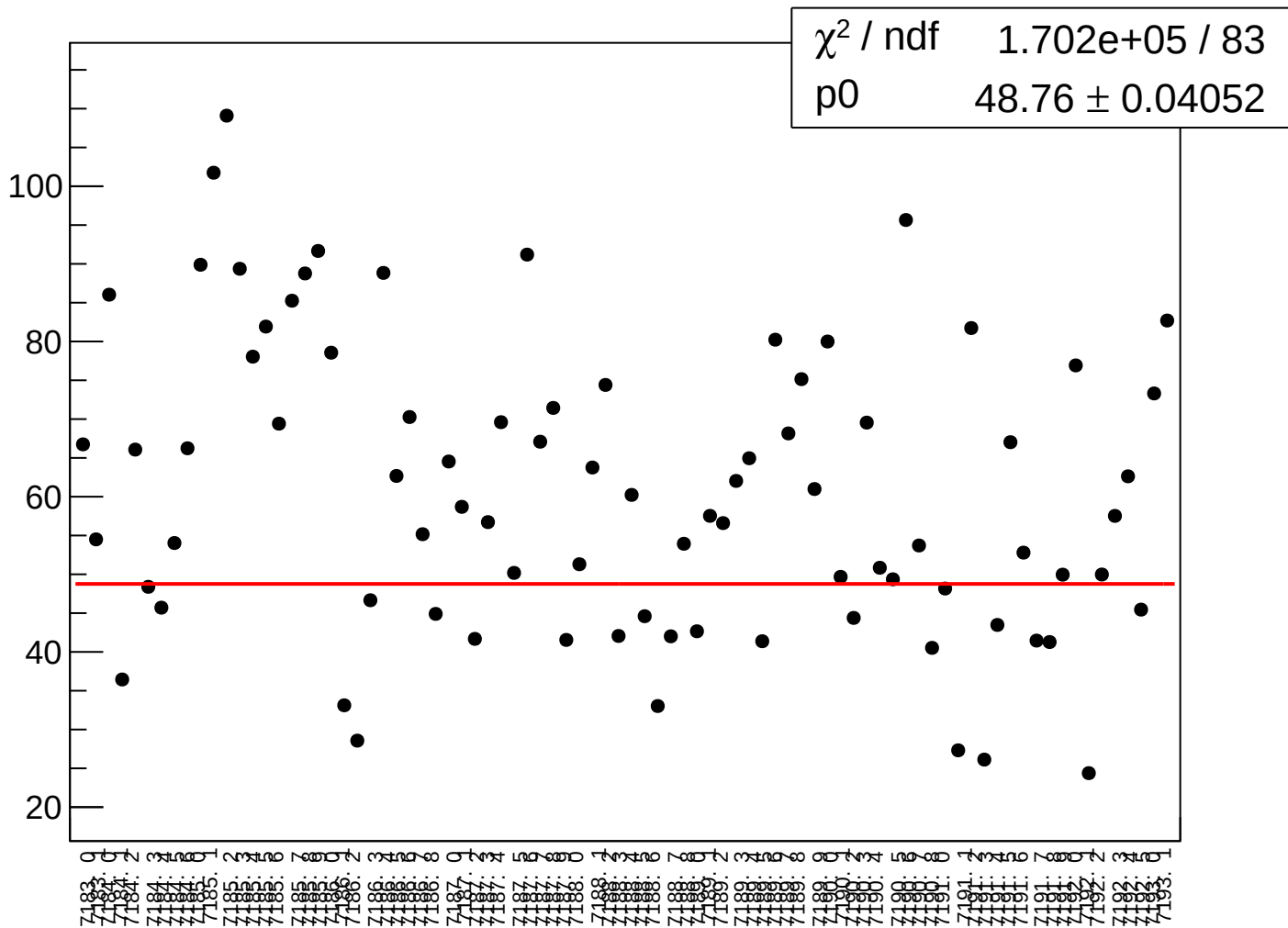
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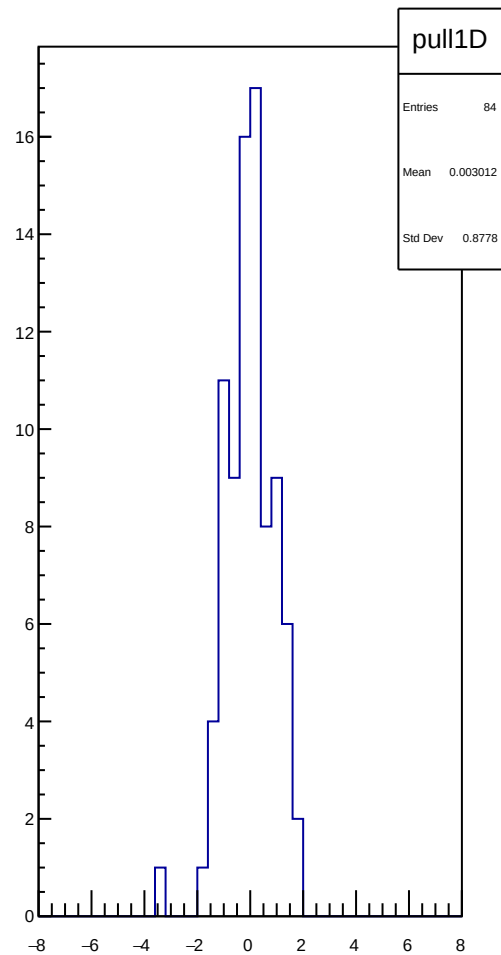
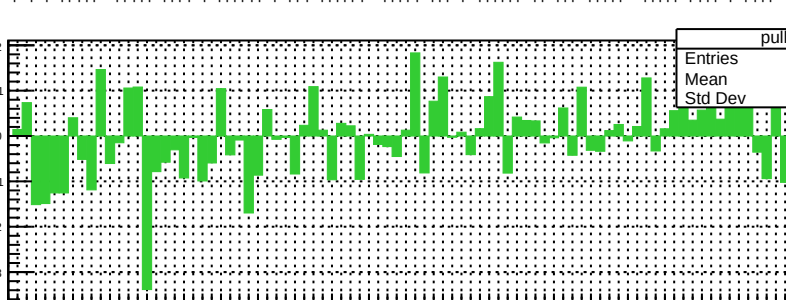
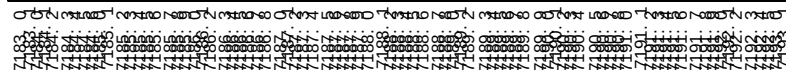


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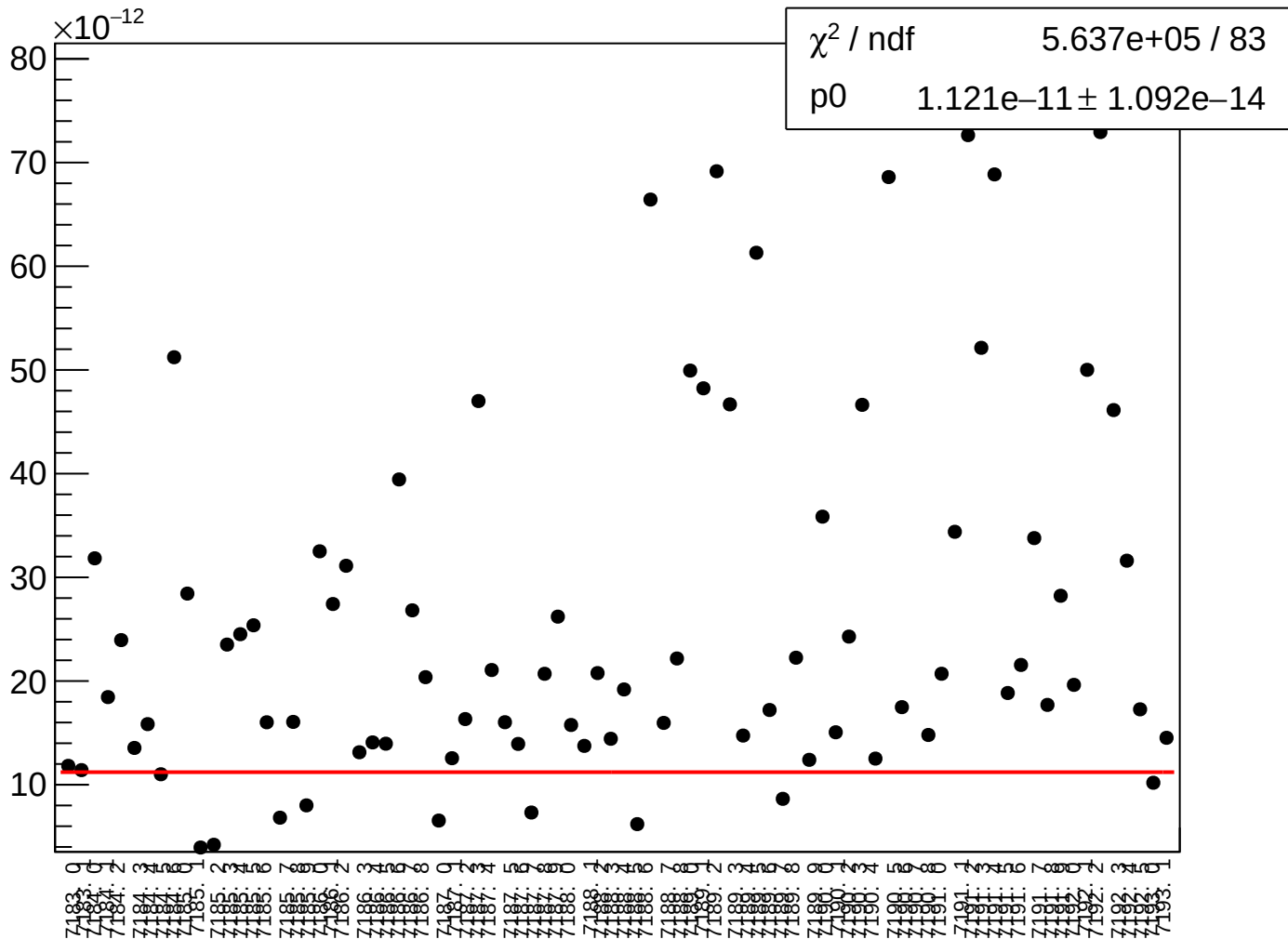


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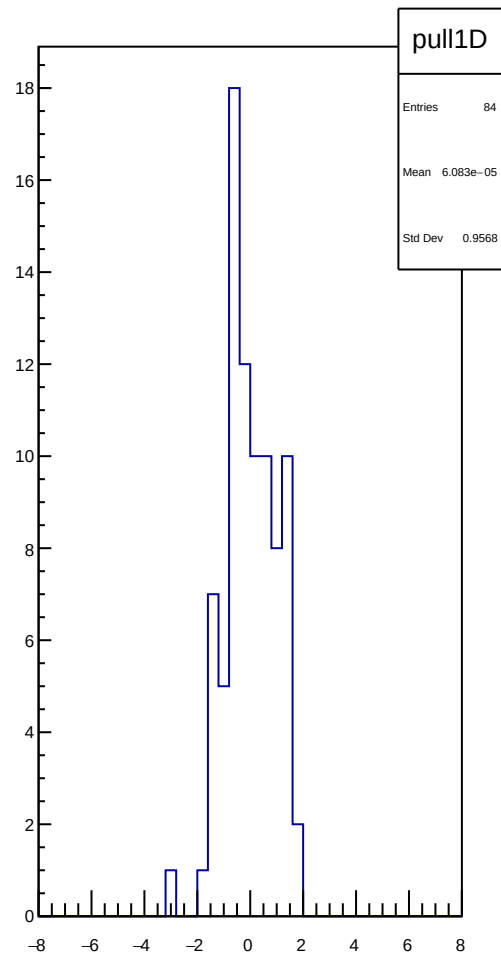
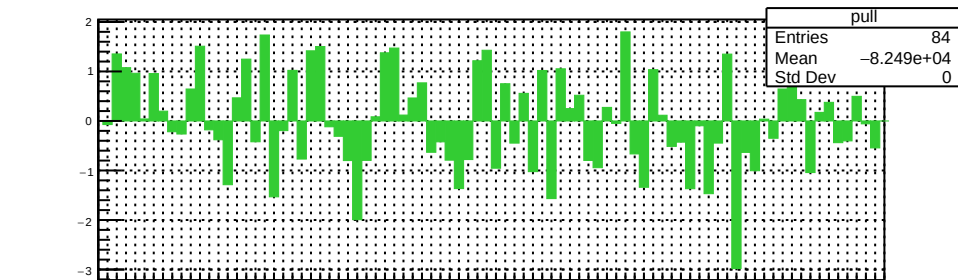
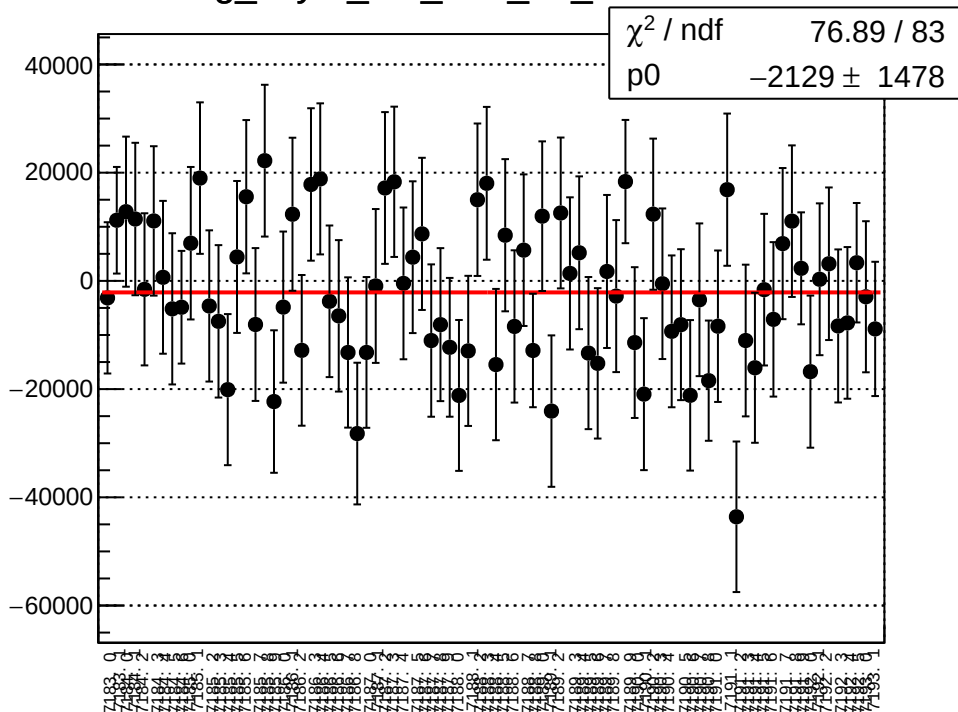




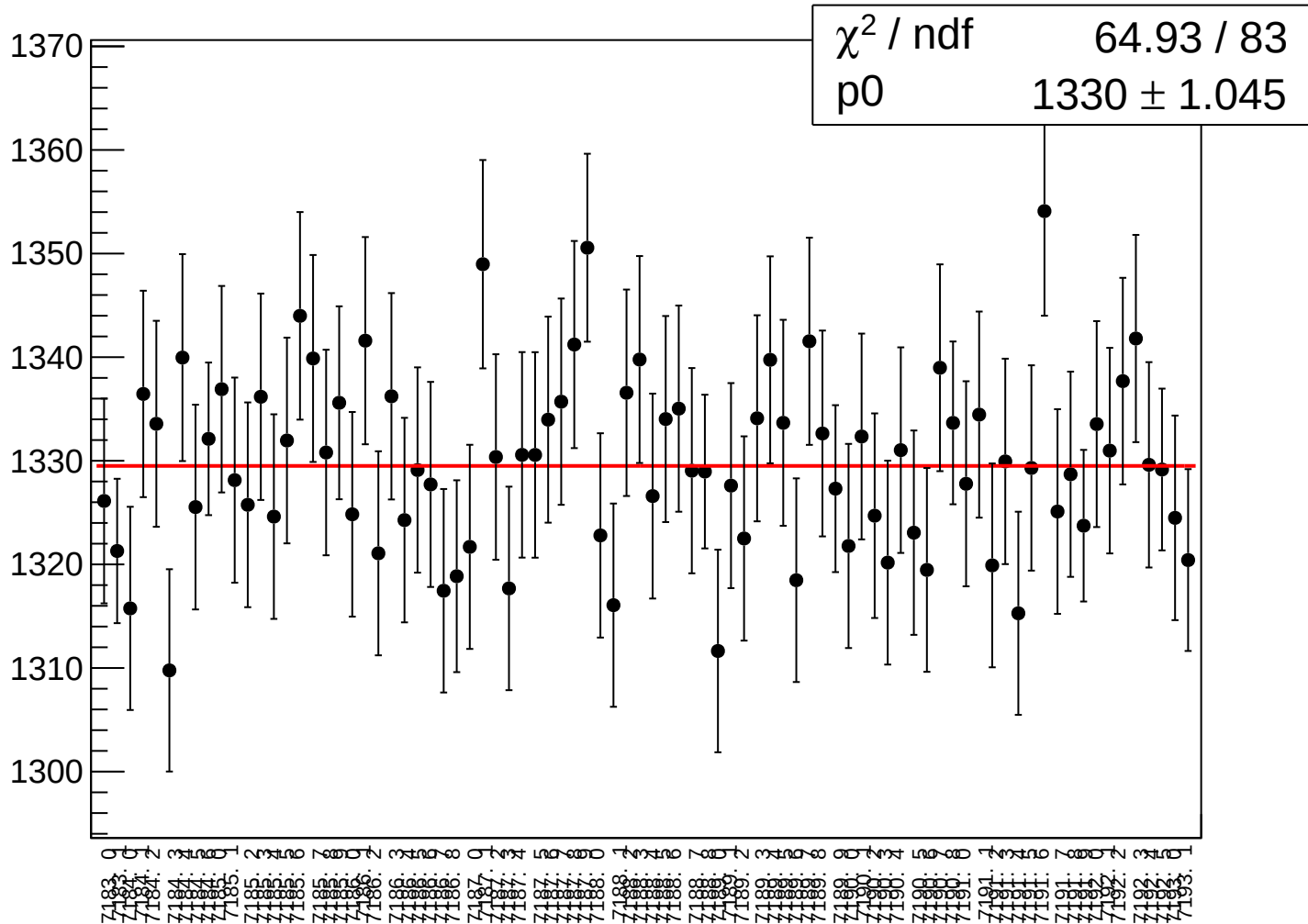
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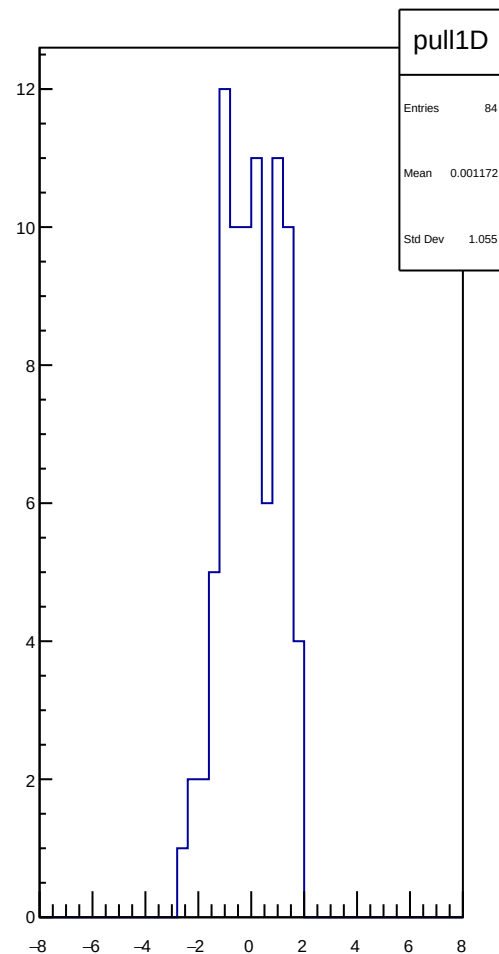
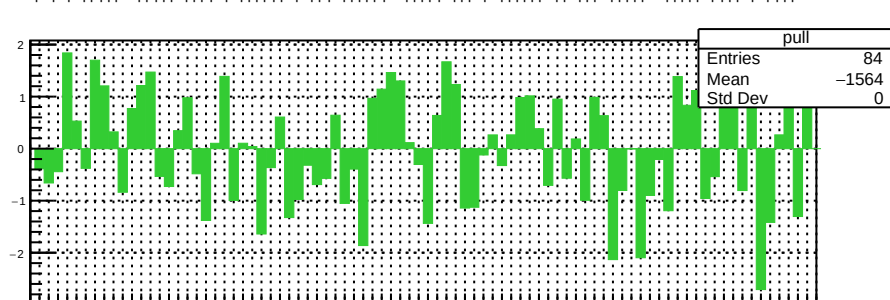
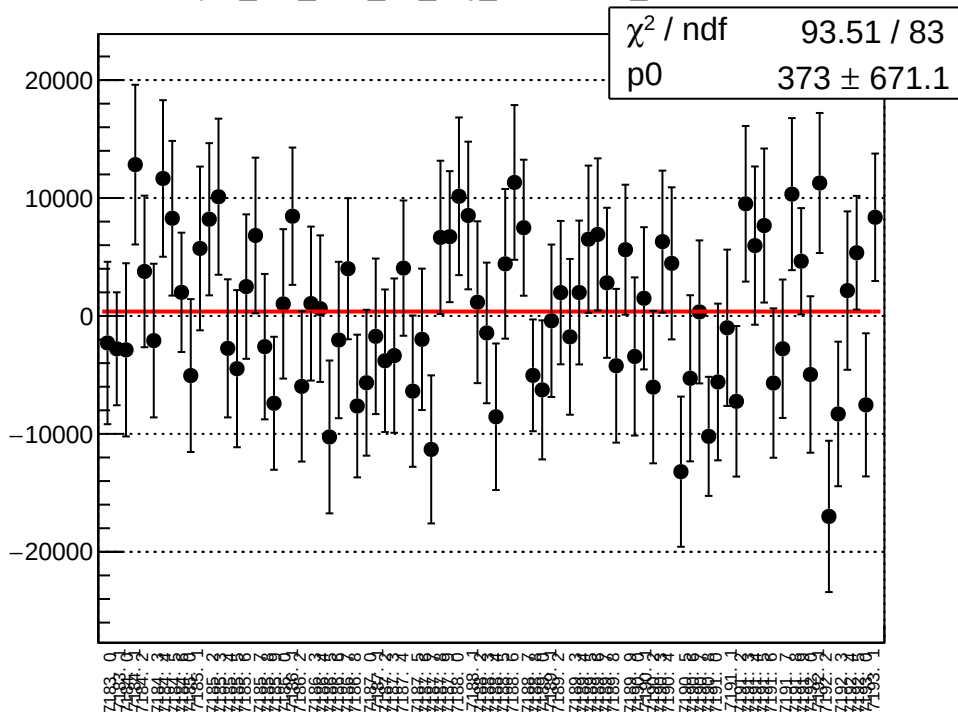
reg_asym_usr_atr1_dd_mean vs run



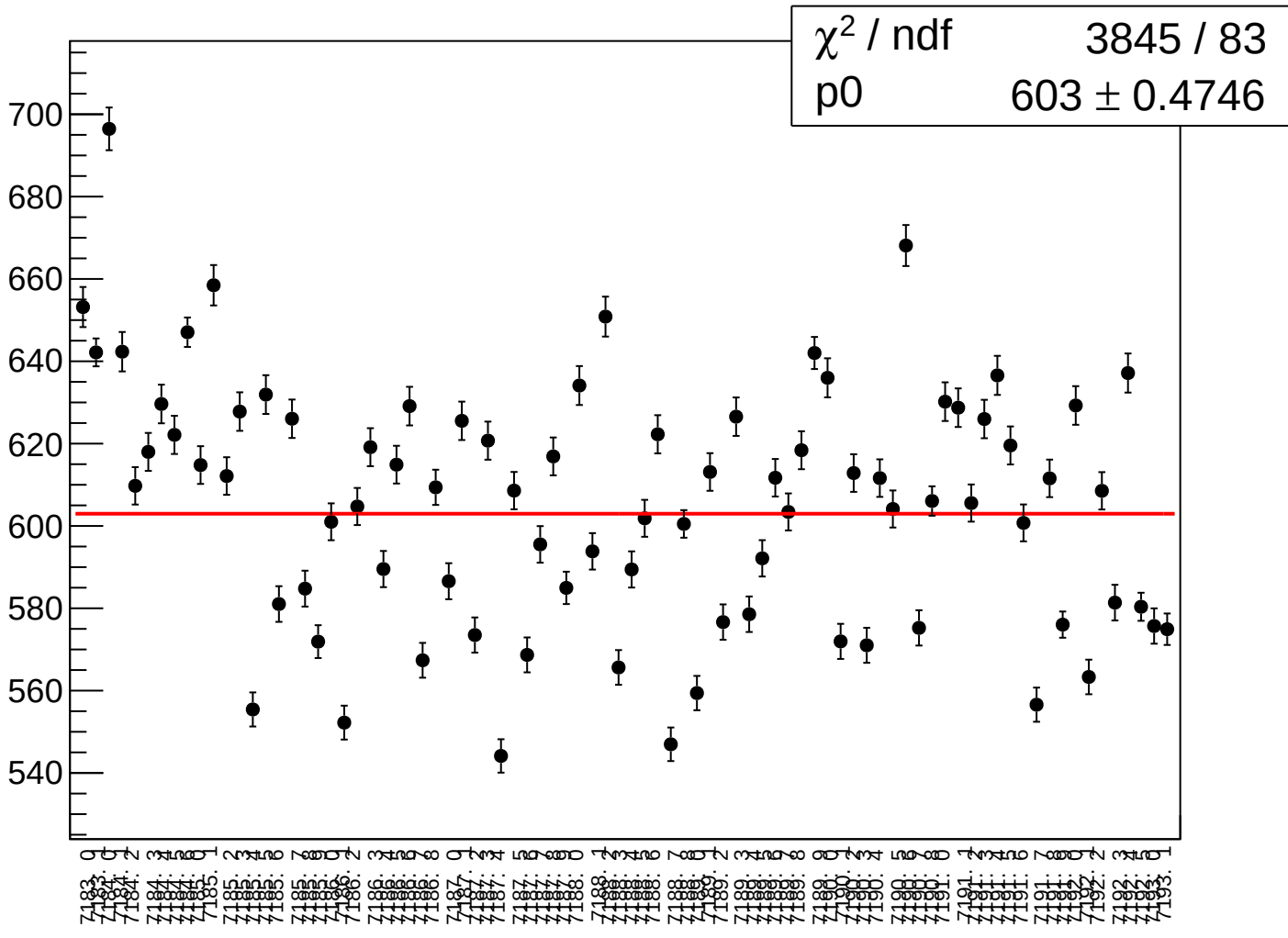
reg_asym_usr_atr1_dd_rms vs run



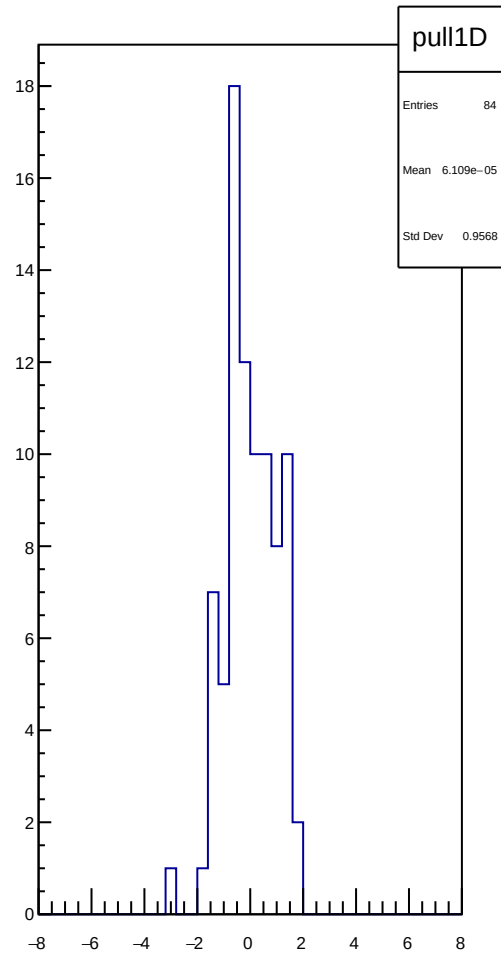
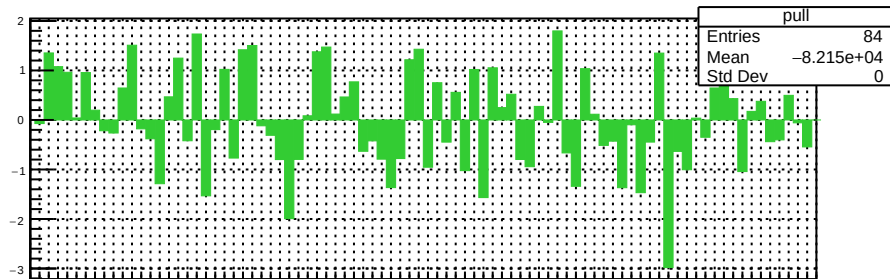
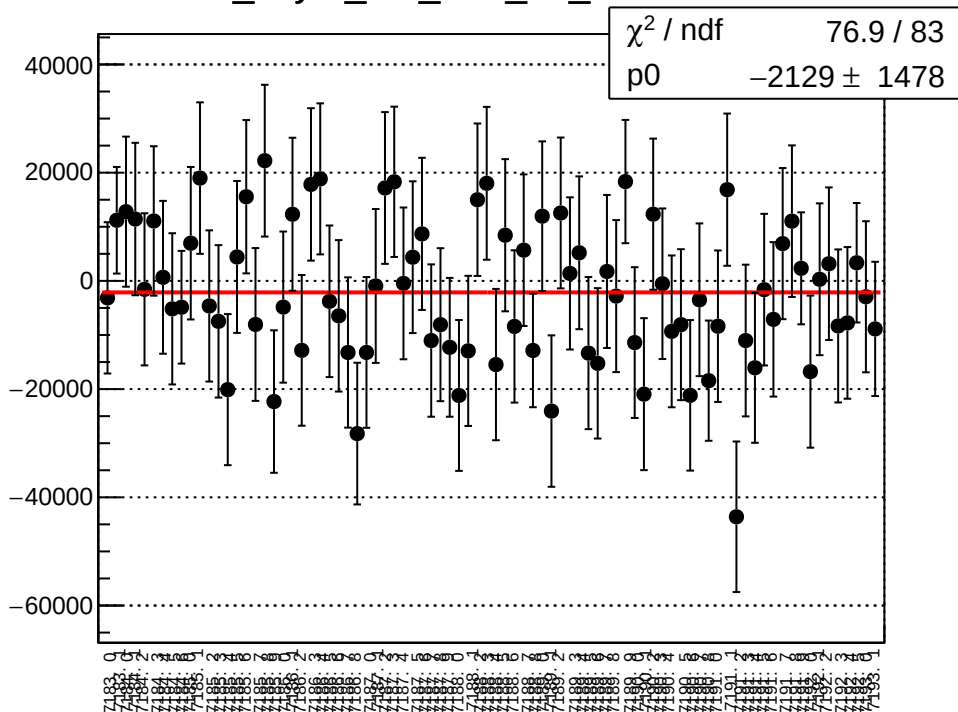
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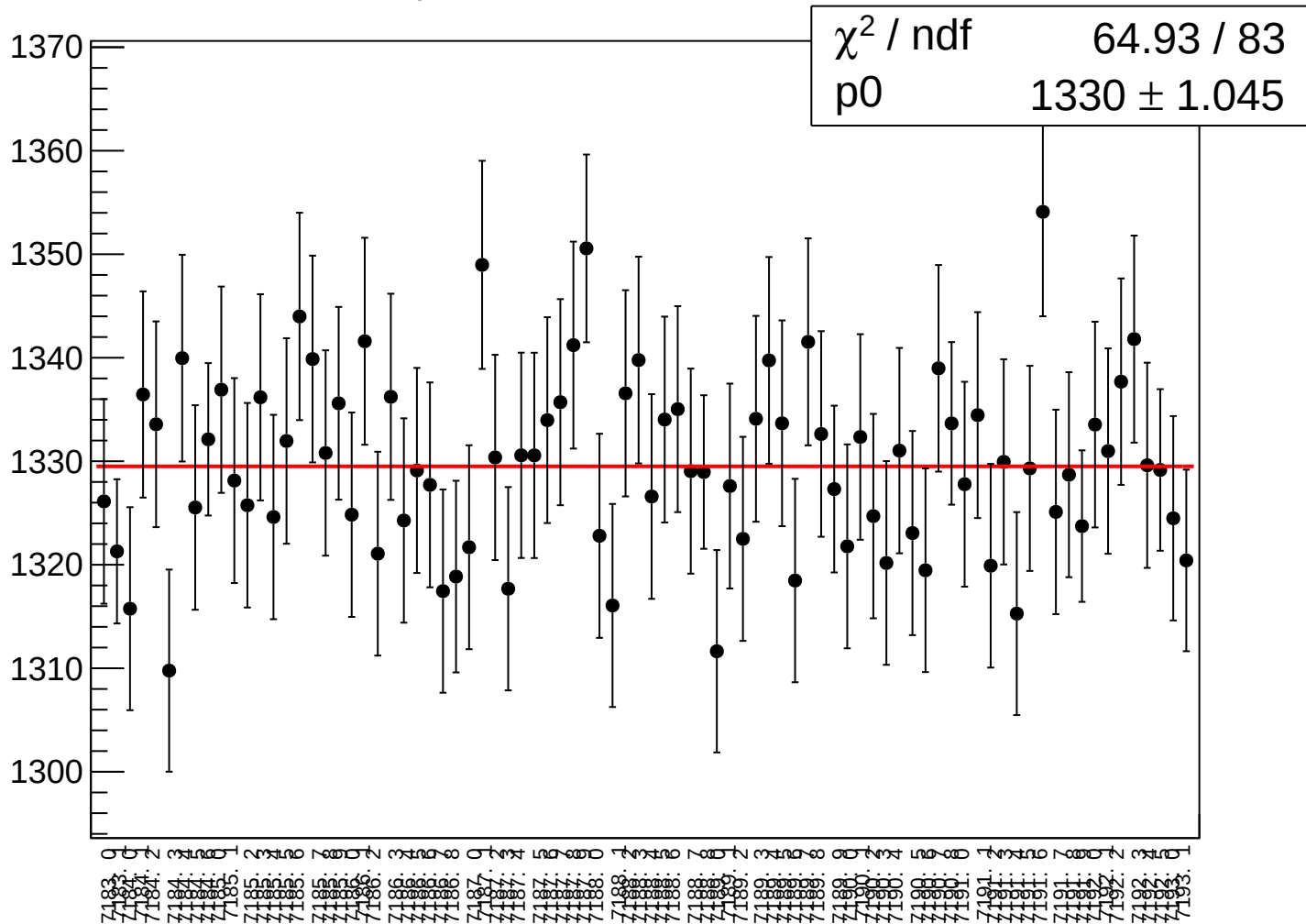
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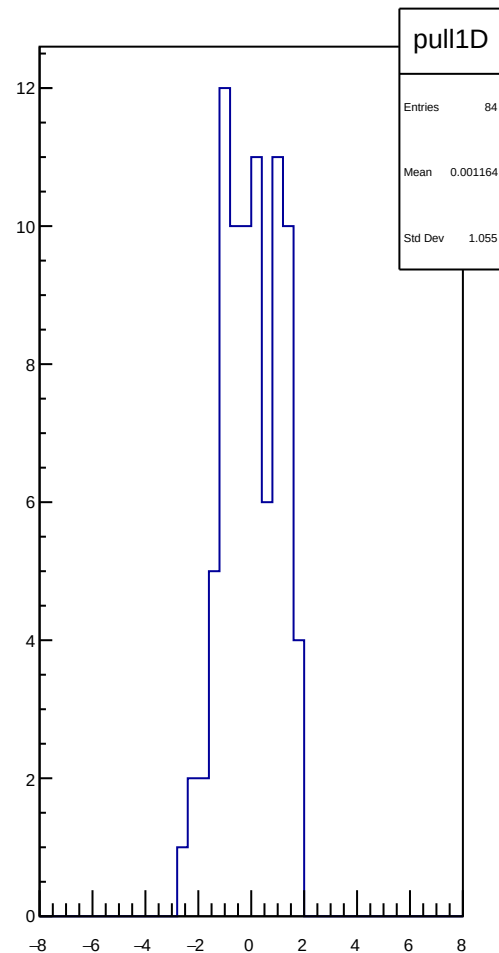
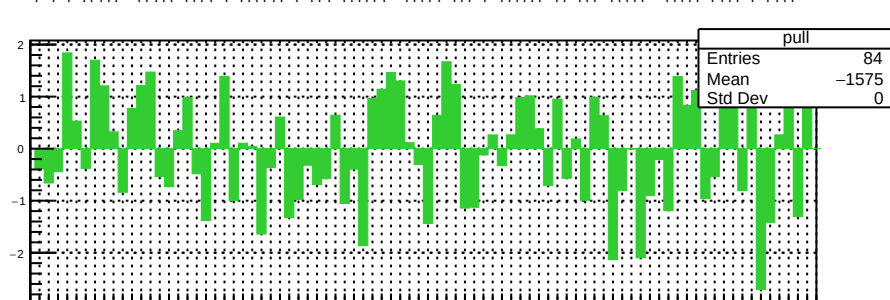
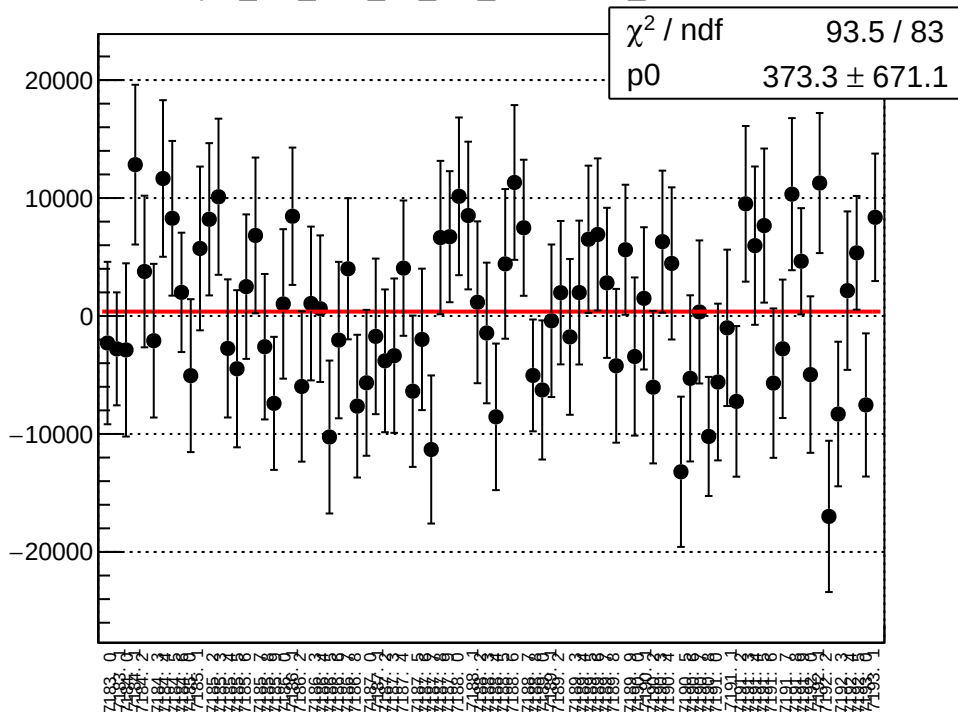
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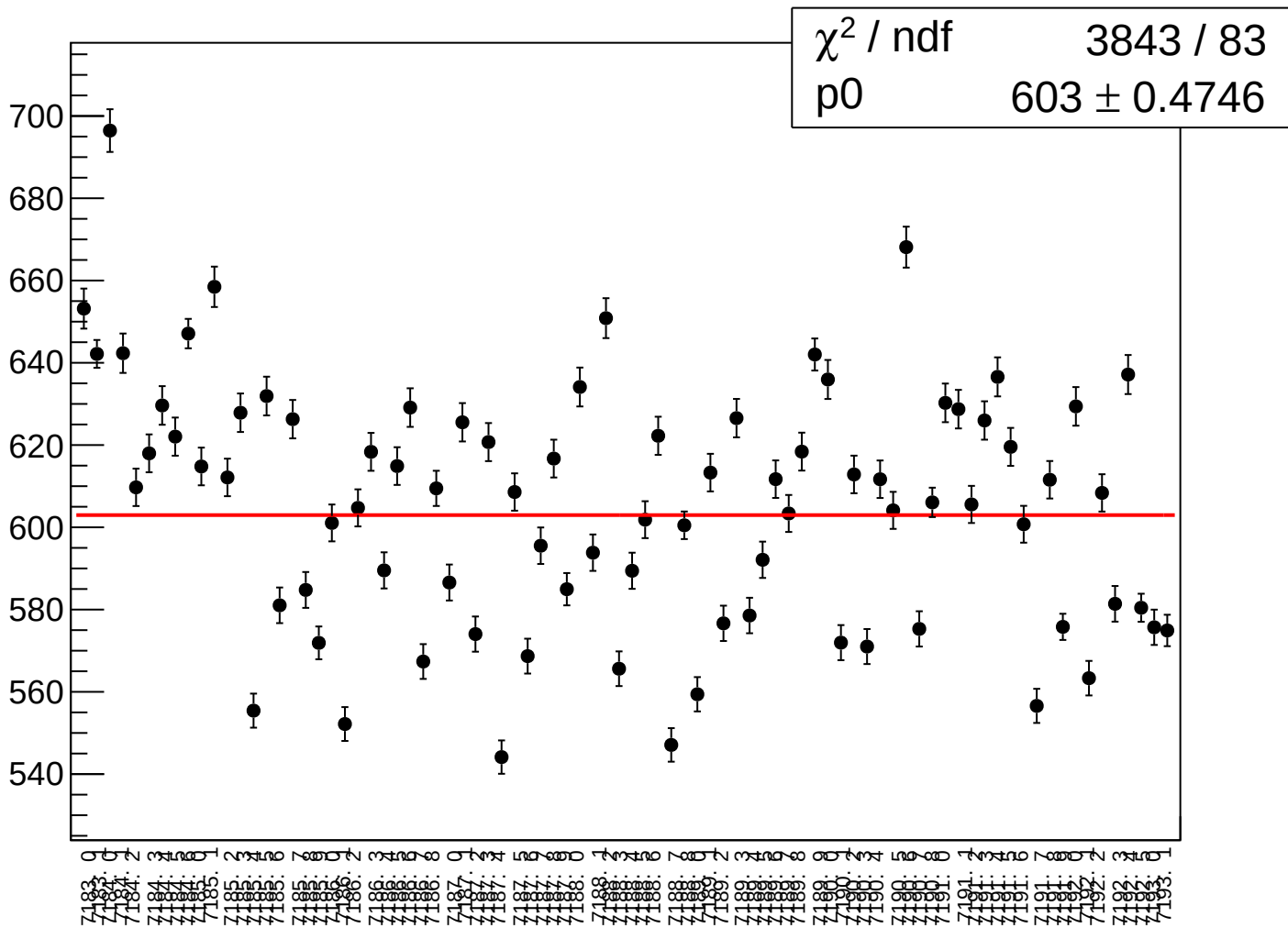
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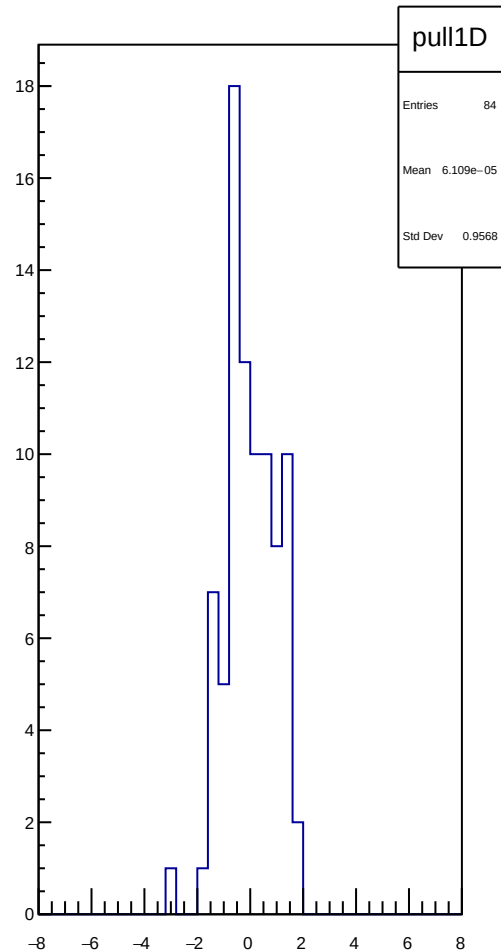
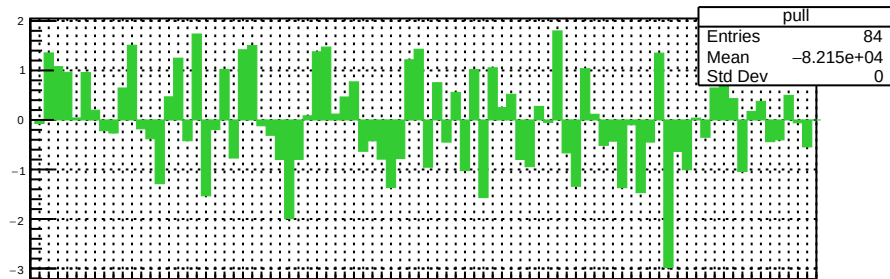
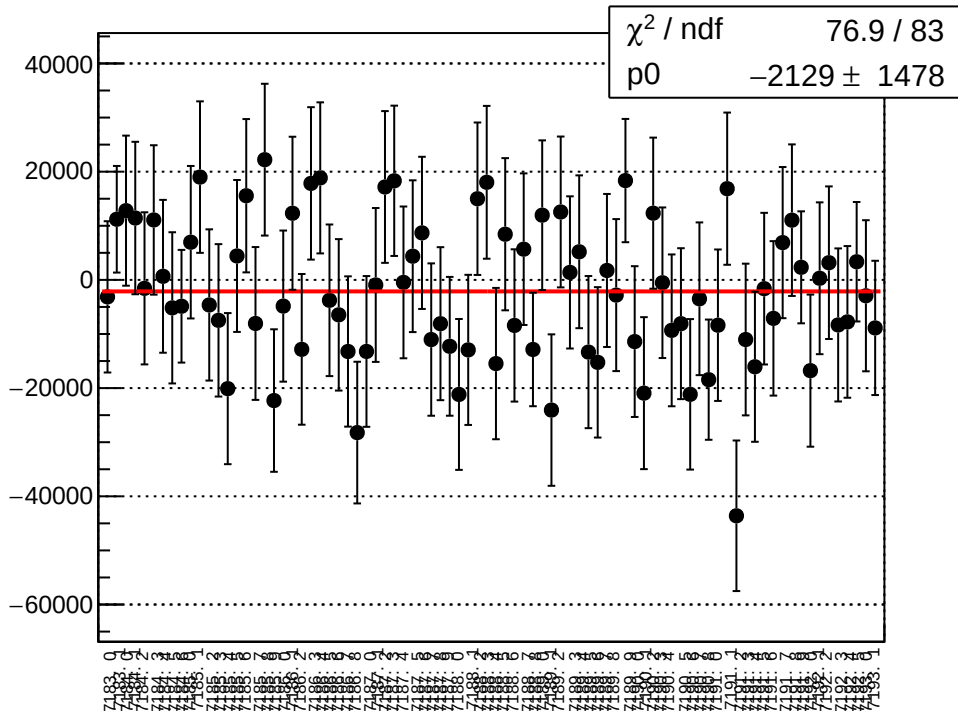
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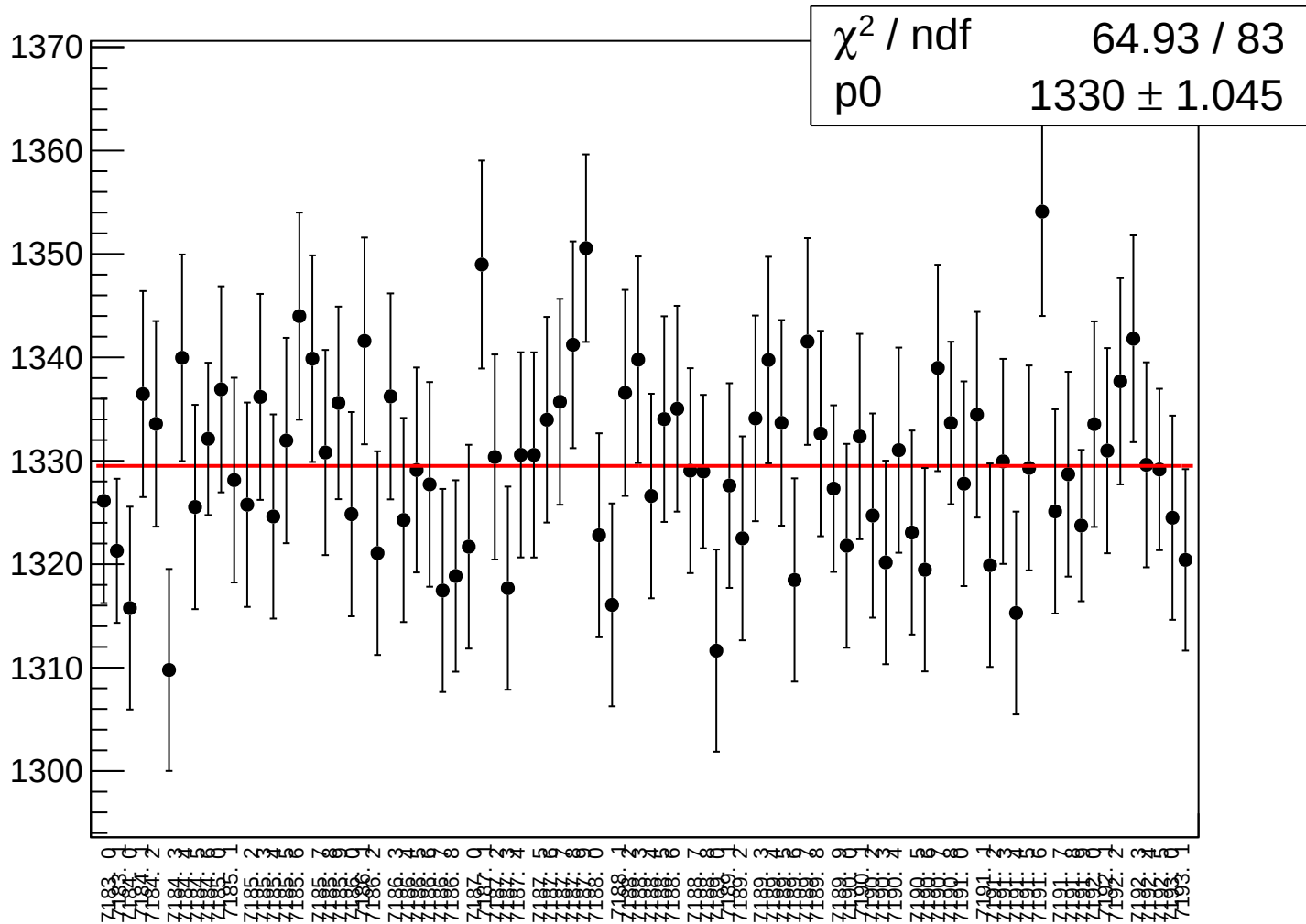
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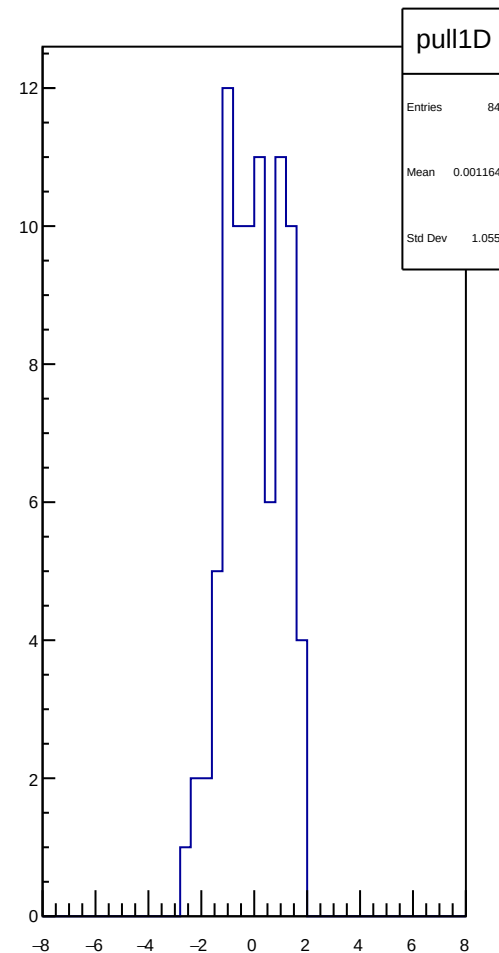
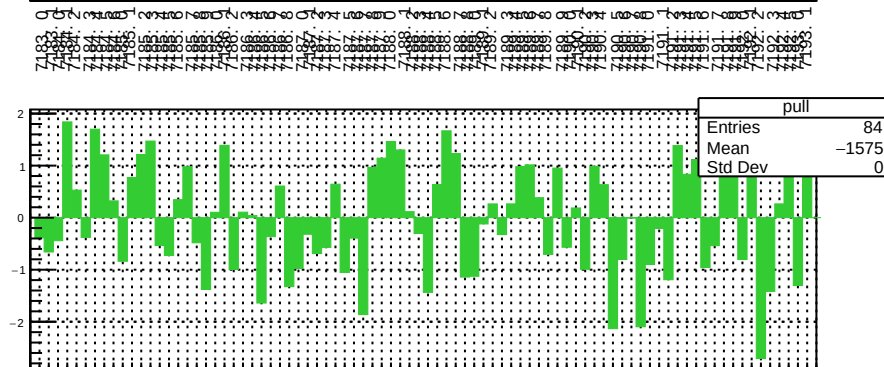
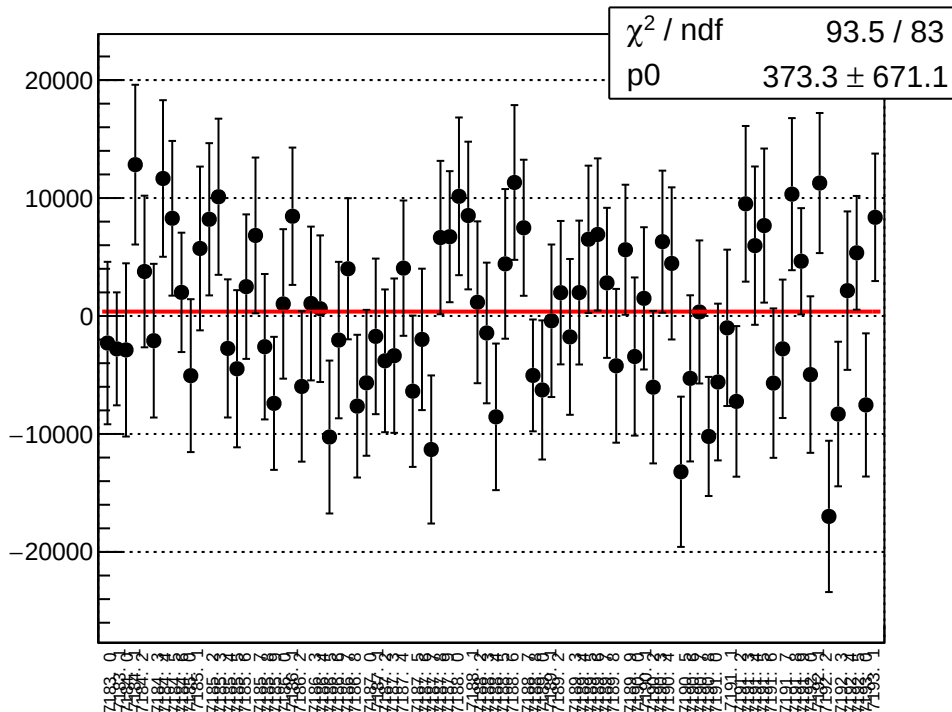
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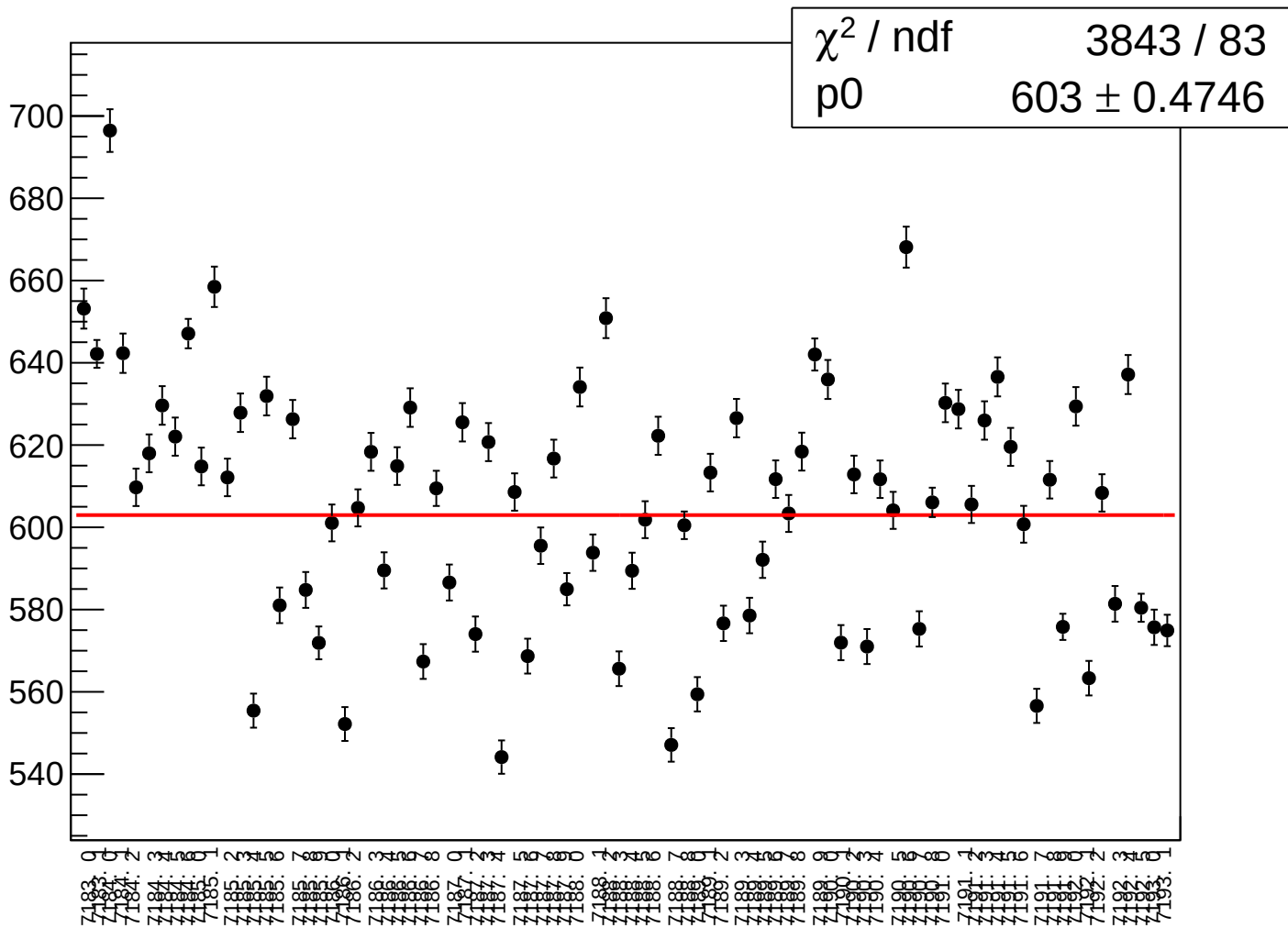
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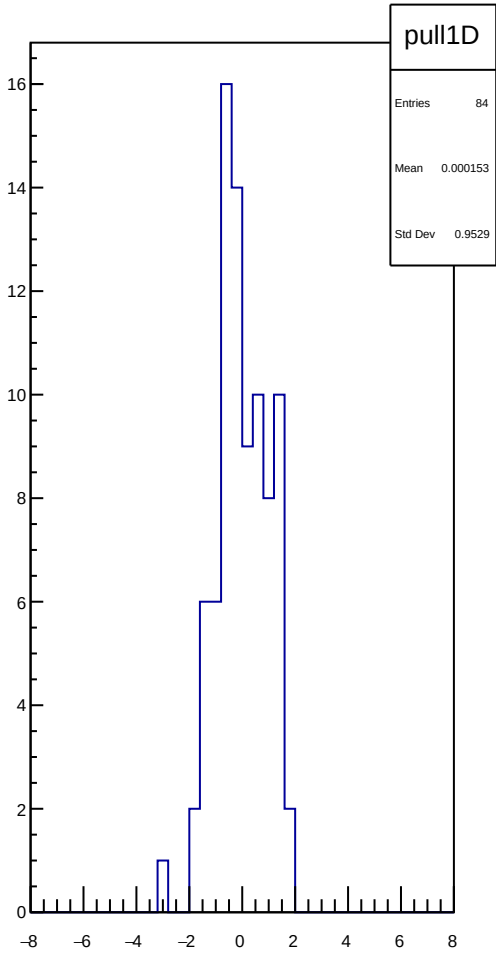
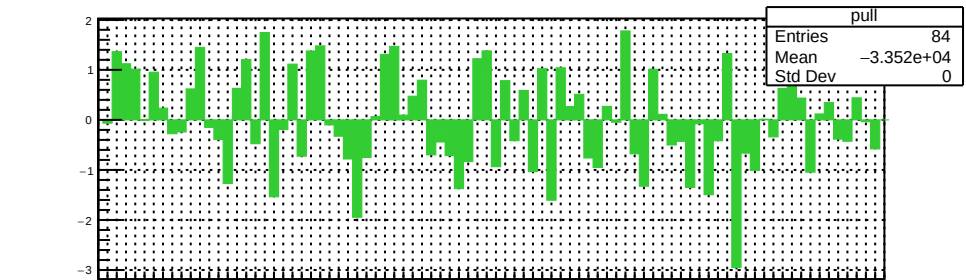
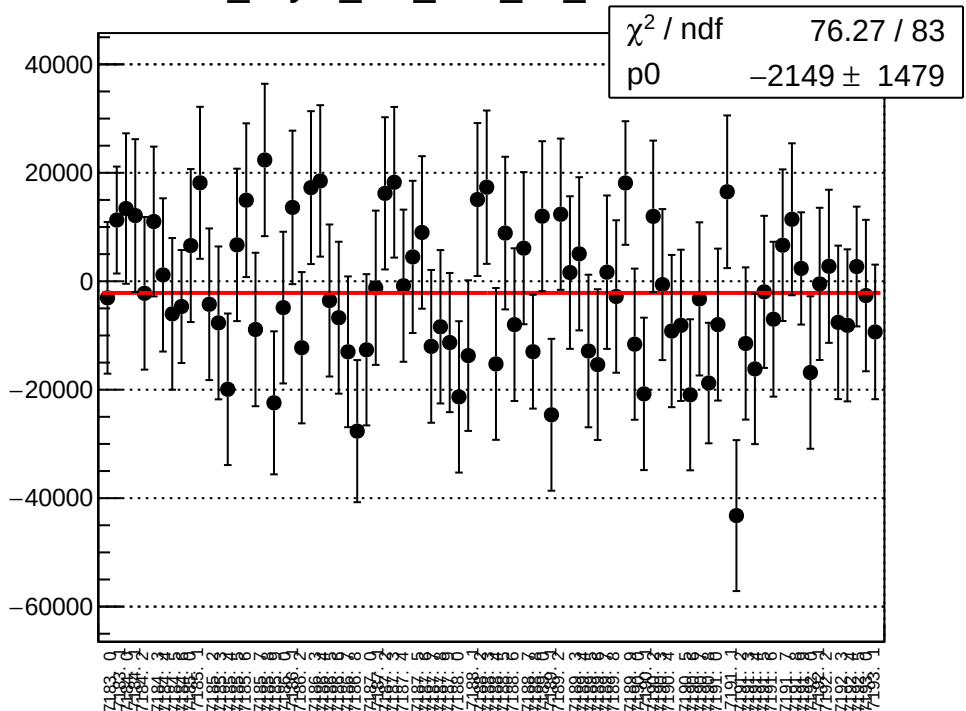
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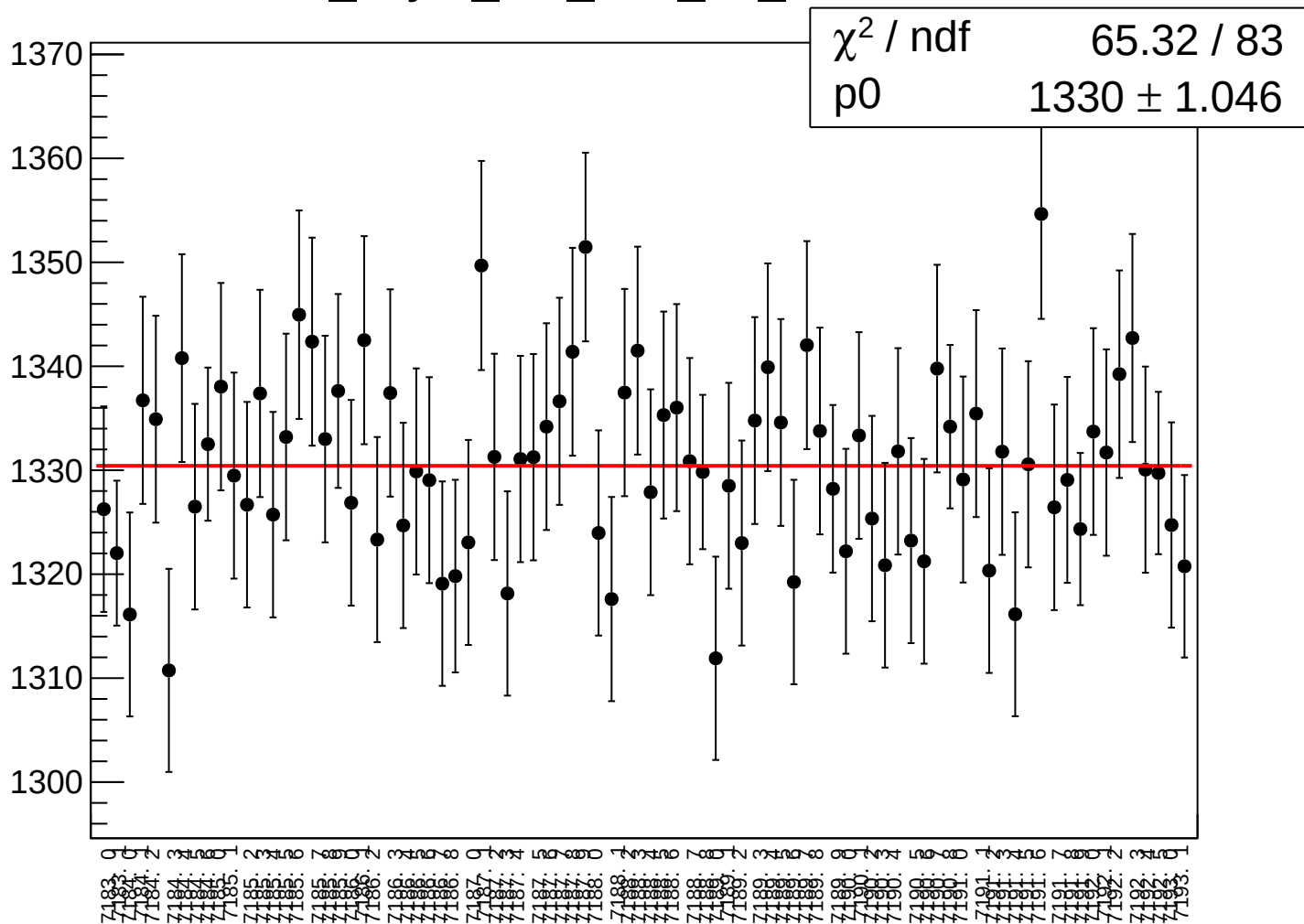
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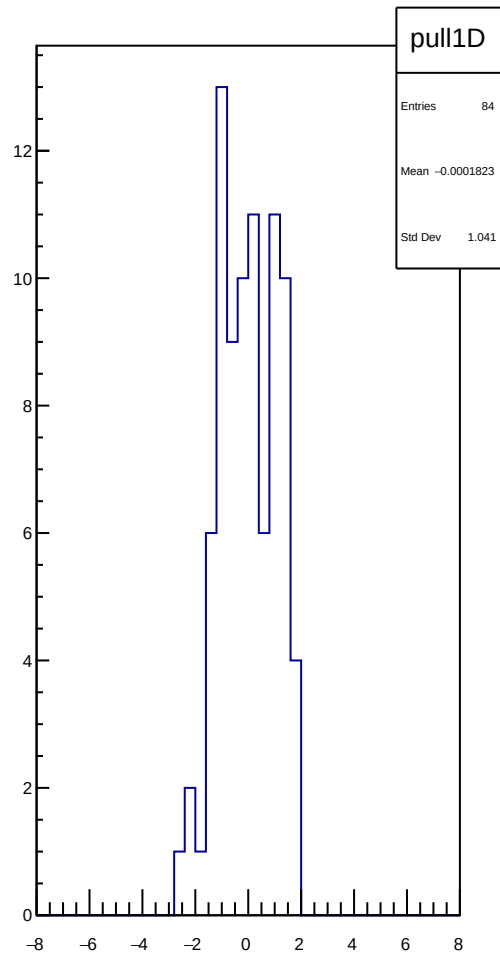
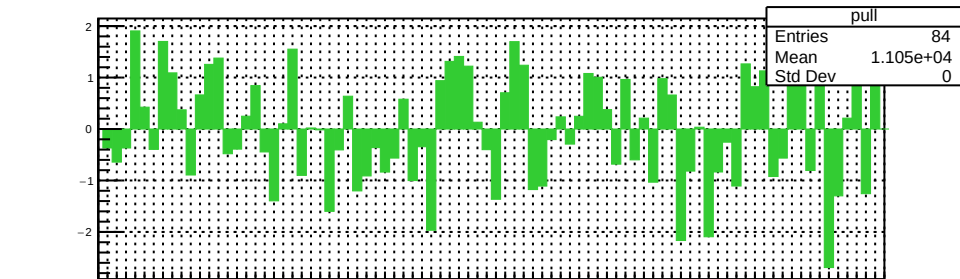
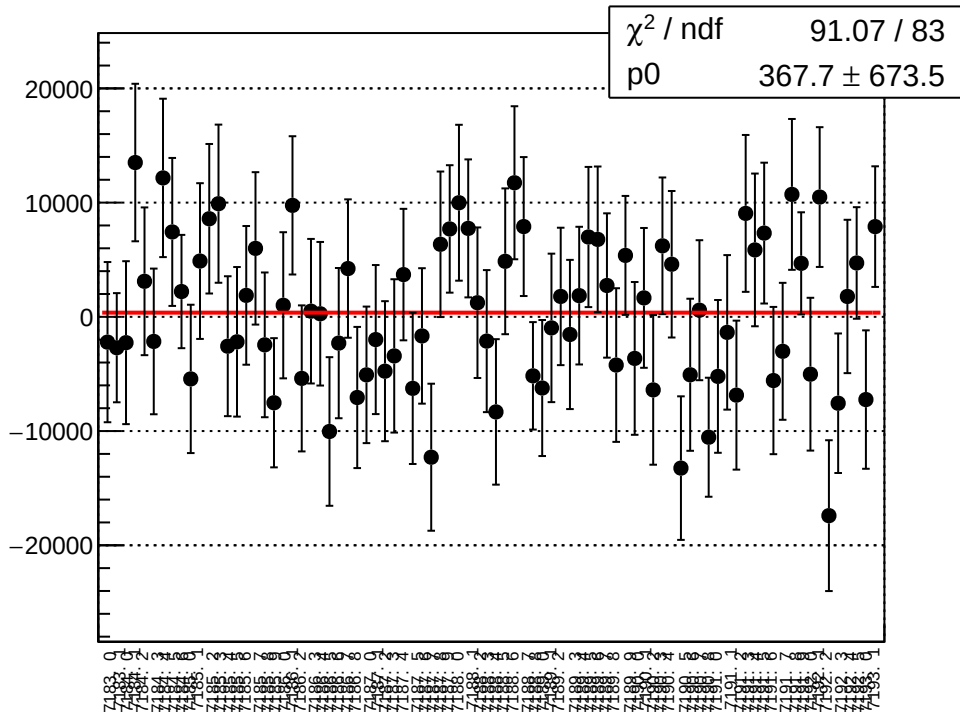
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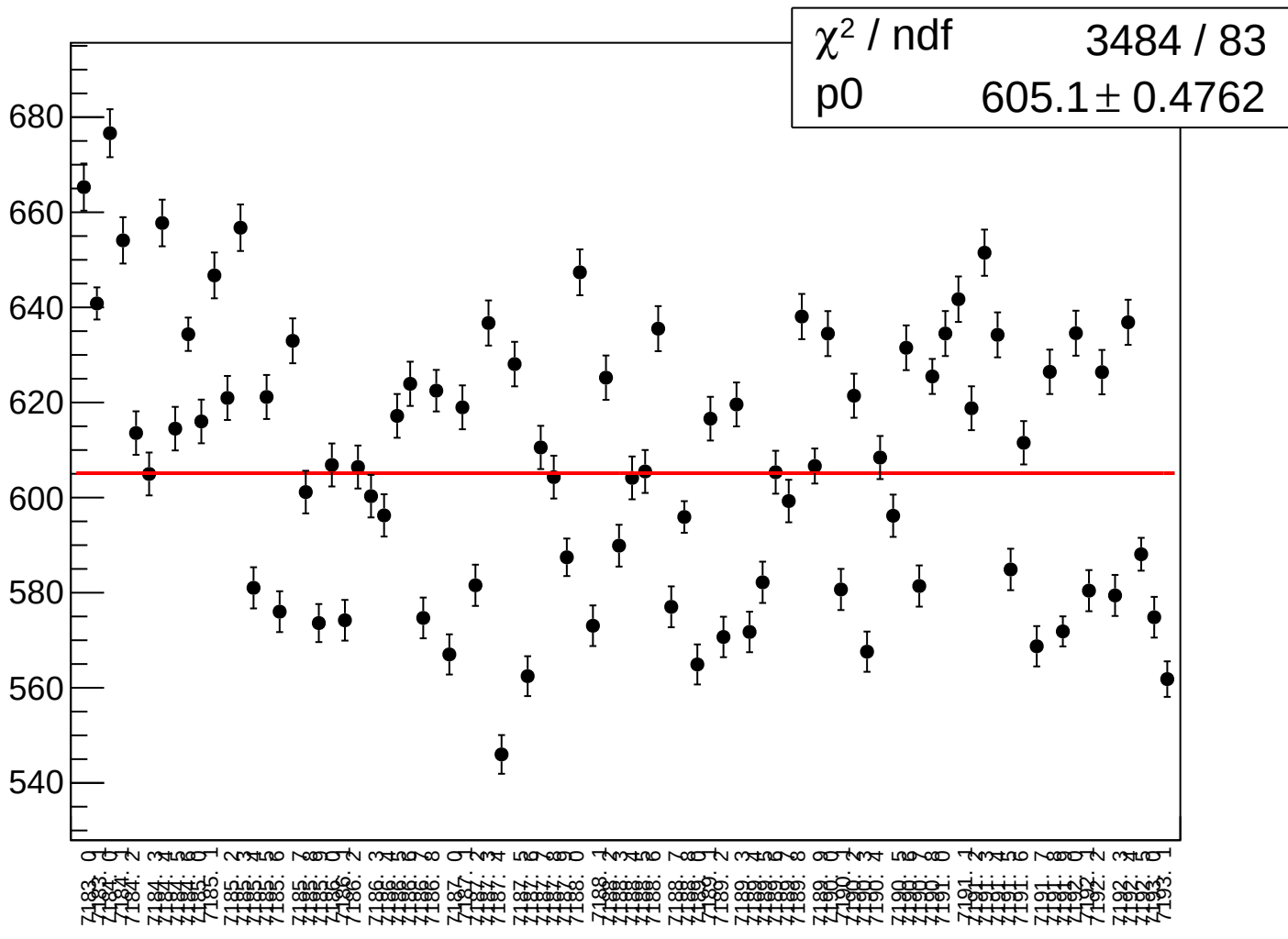
dit_asym_usr_atr1_dd_rms vs run



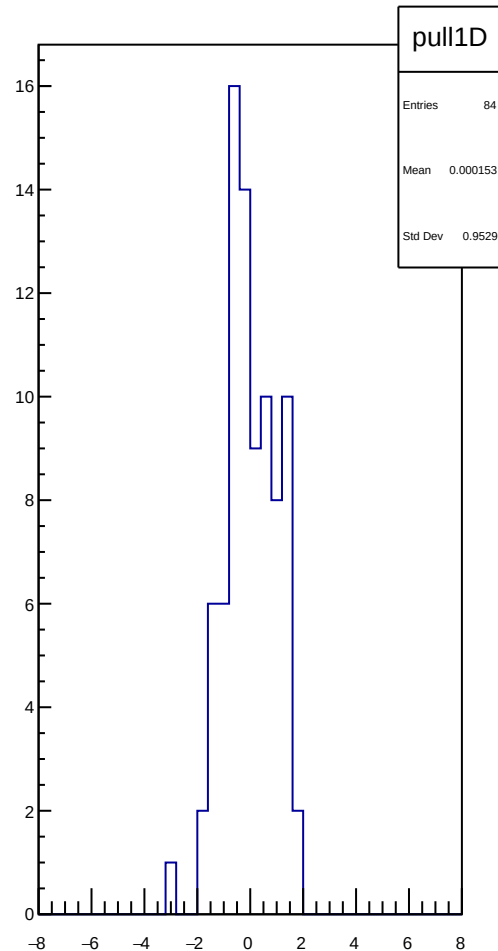
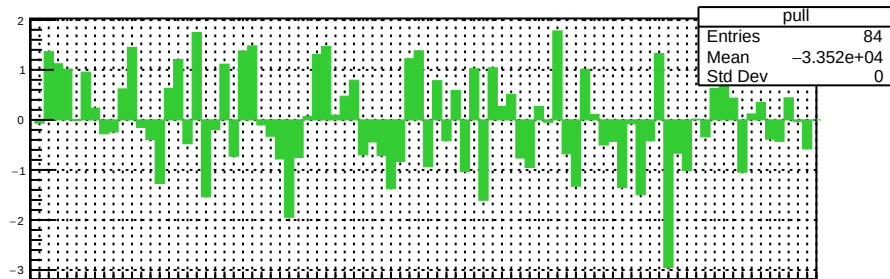
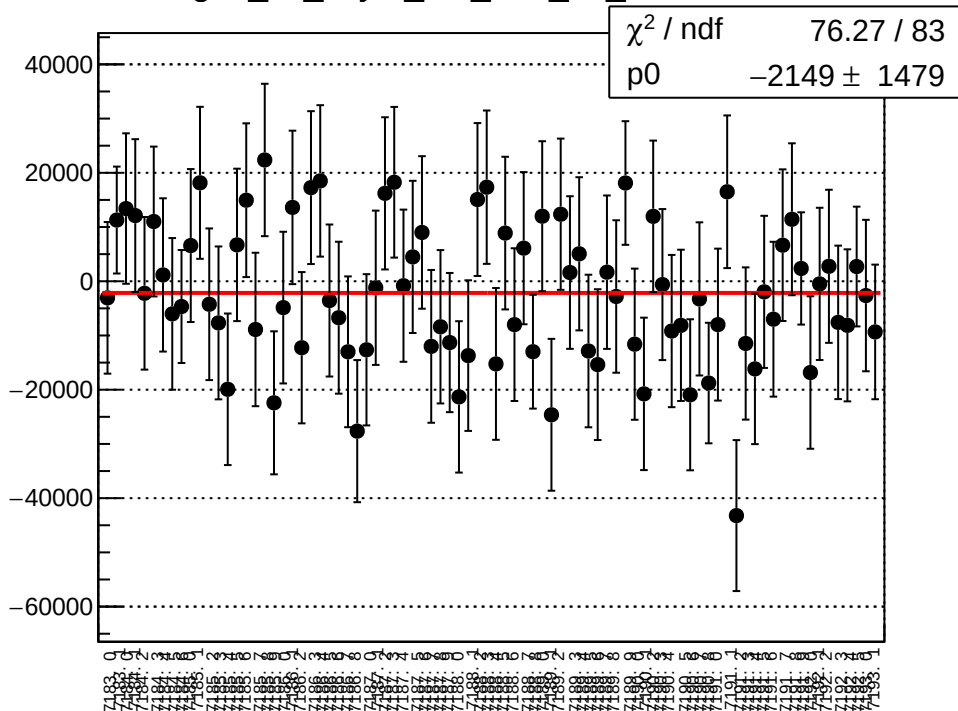
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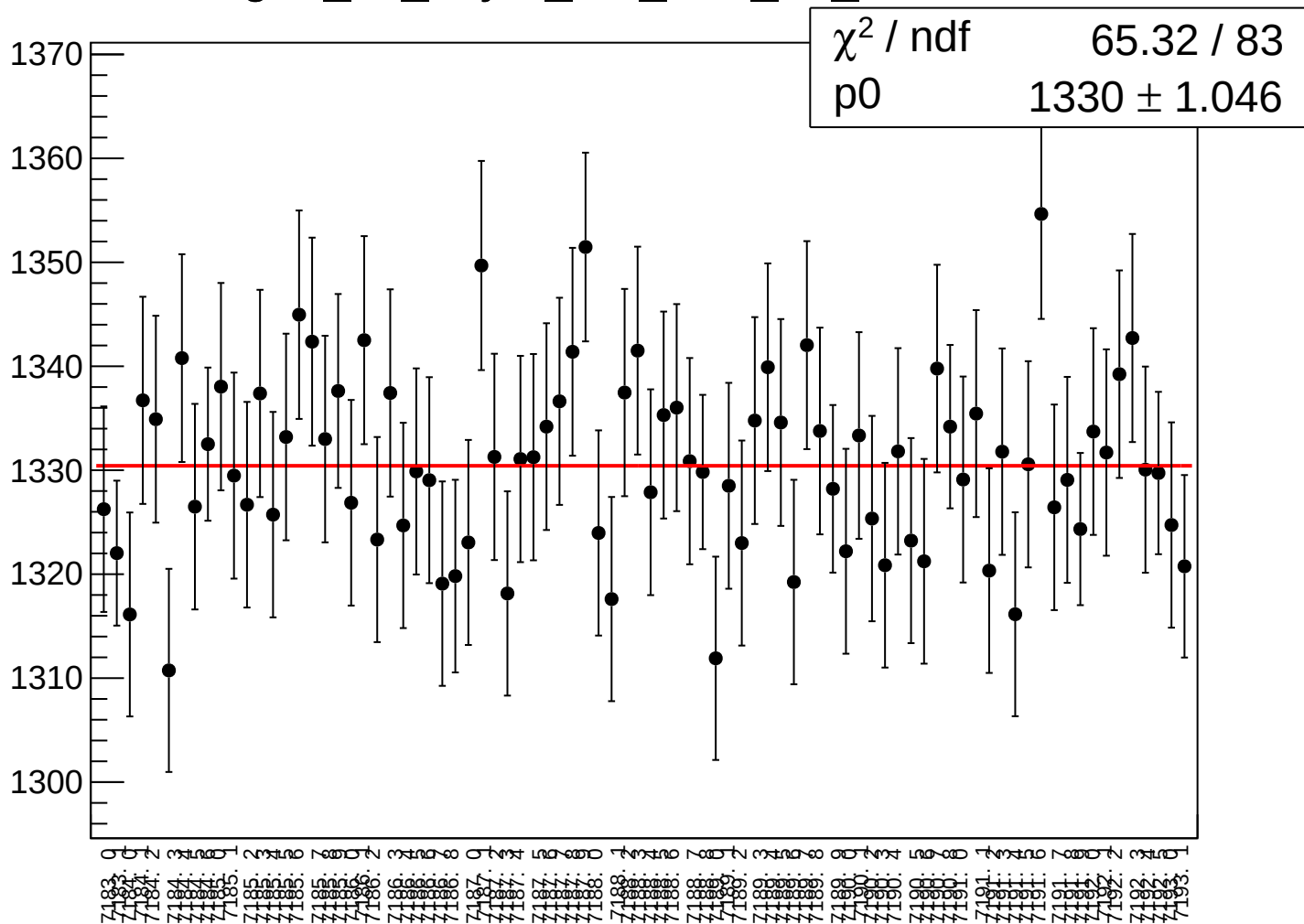
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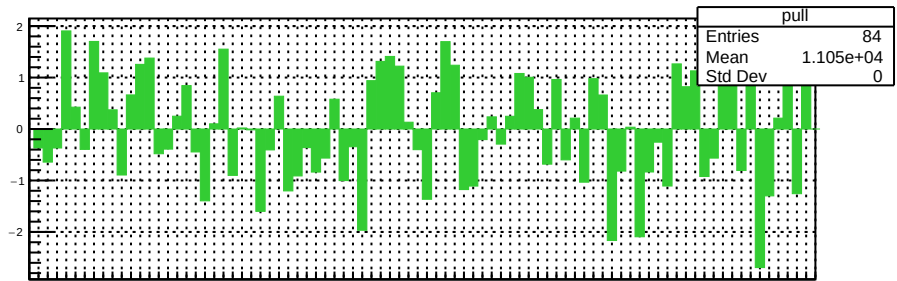
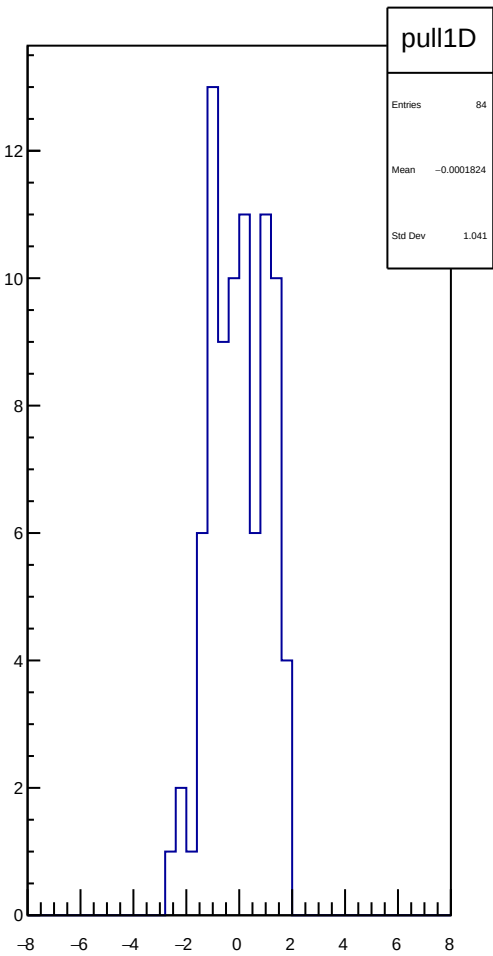
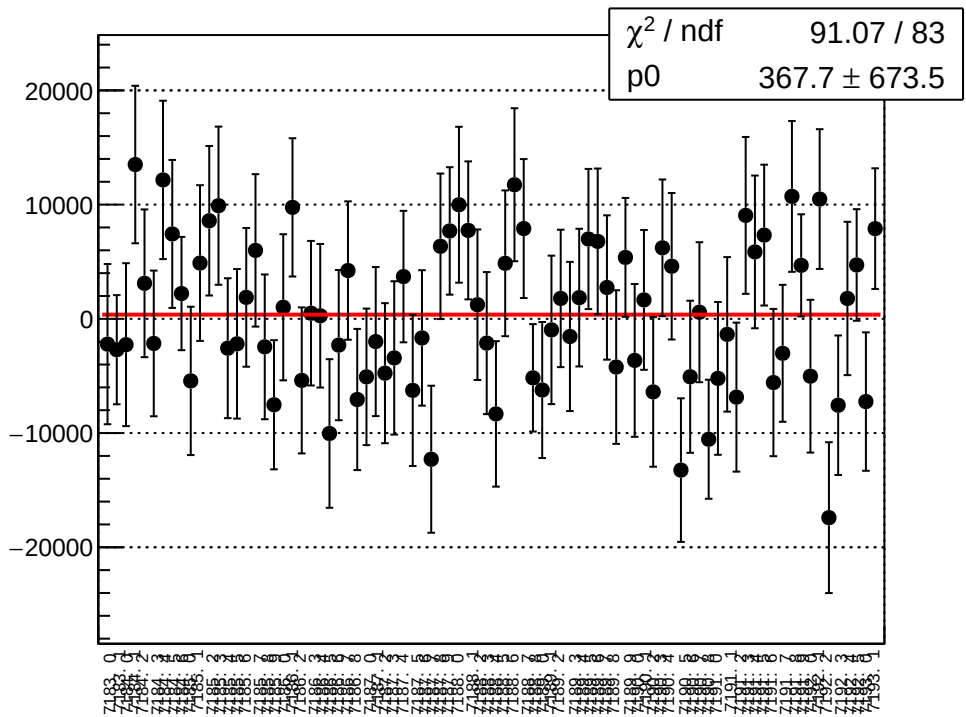
eigen_dit_asym_usr_atr1_dd_mean vs run



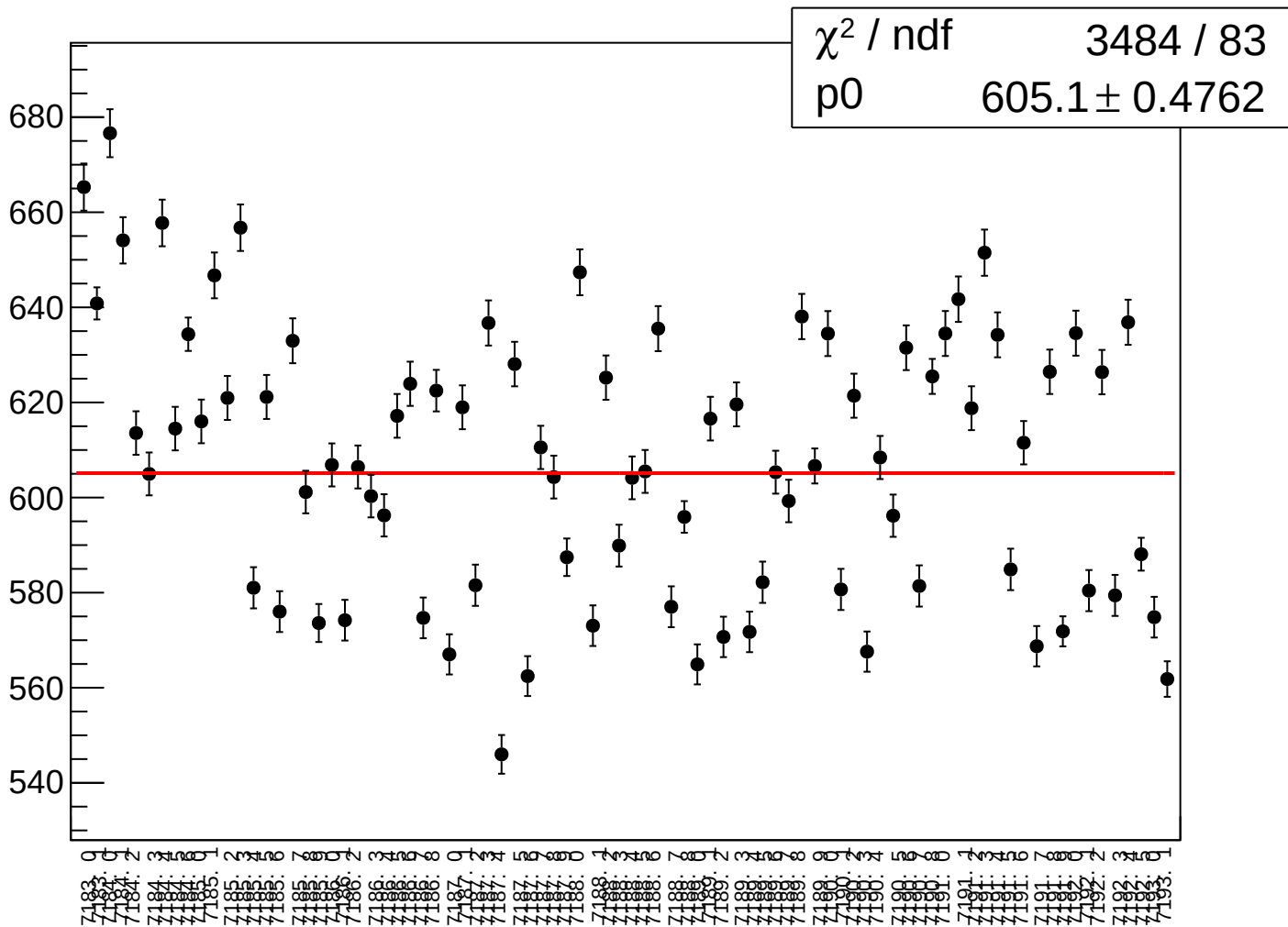
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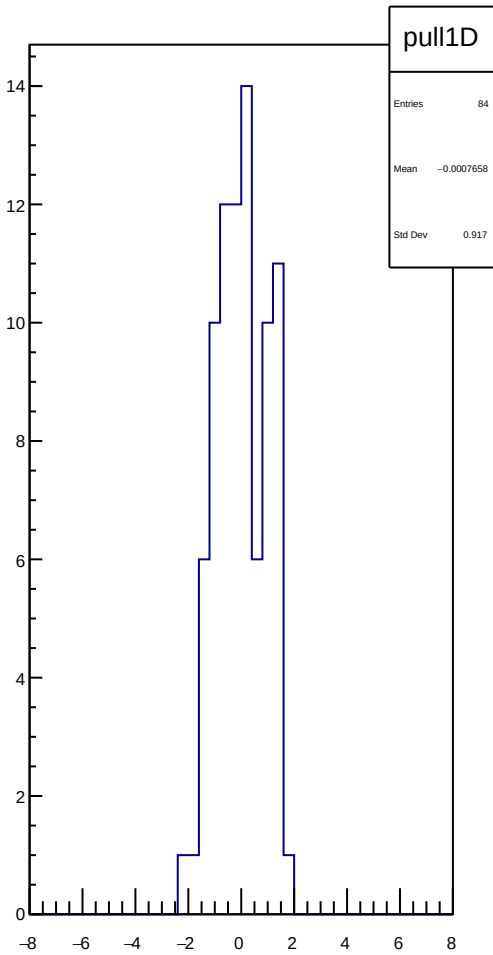
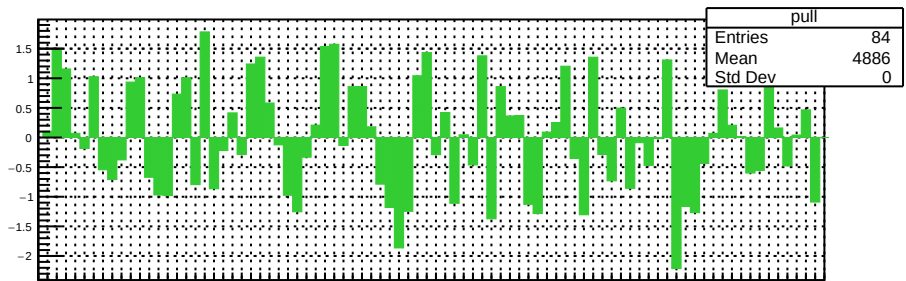
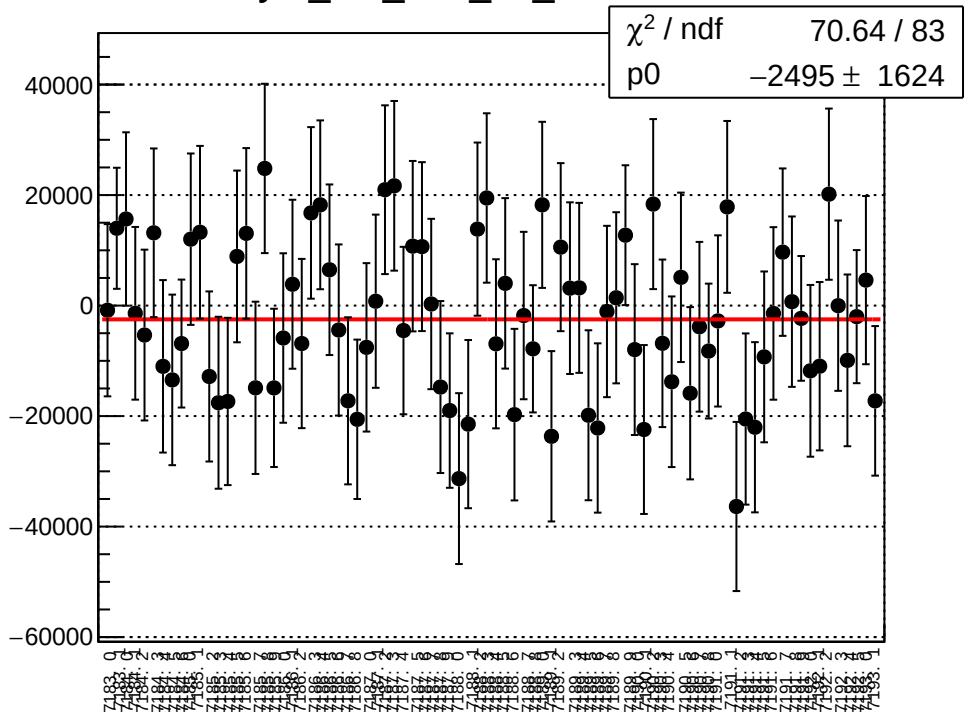
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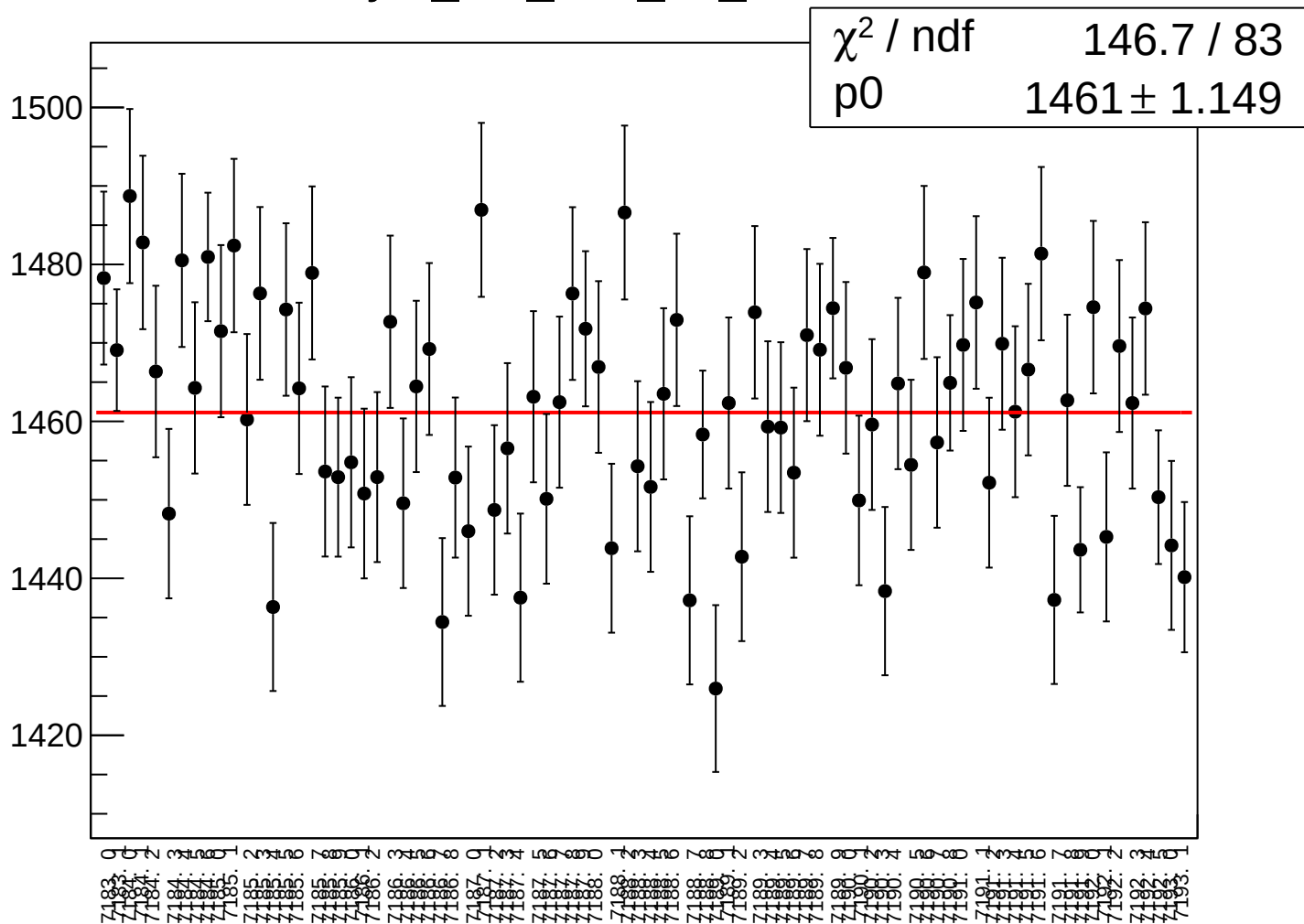
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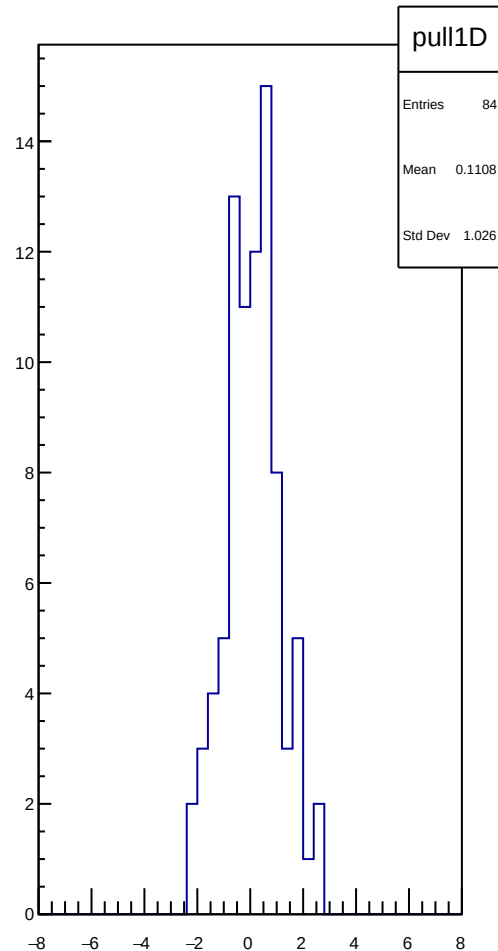
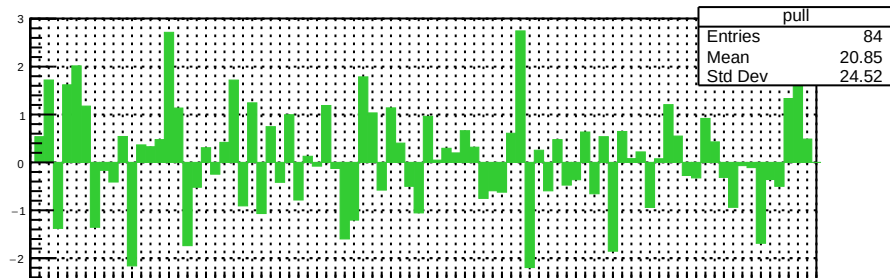
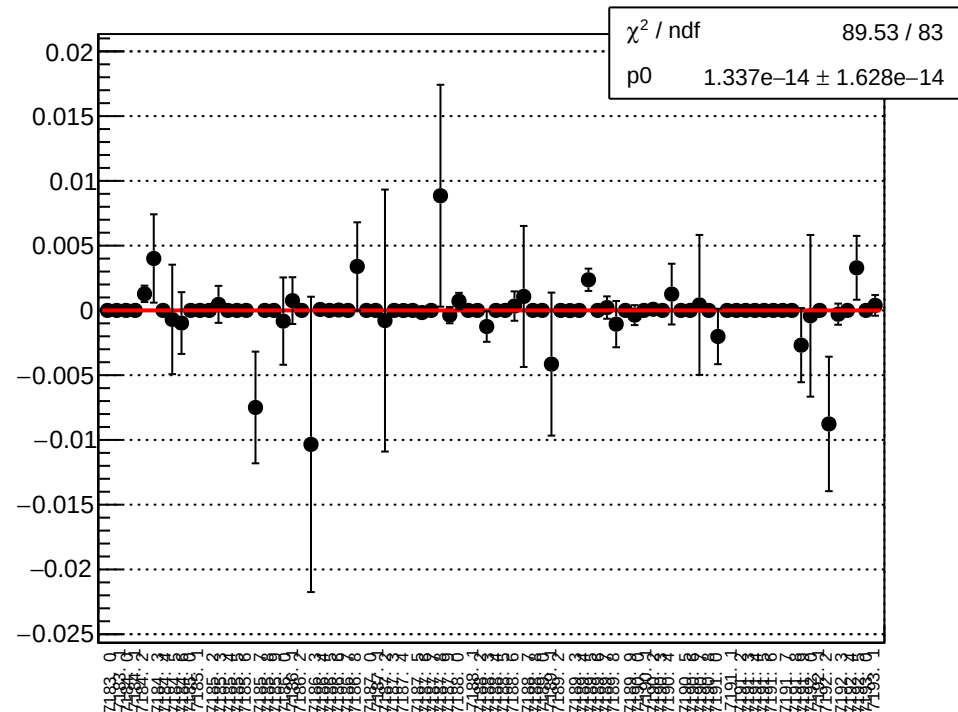
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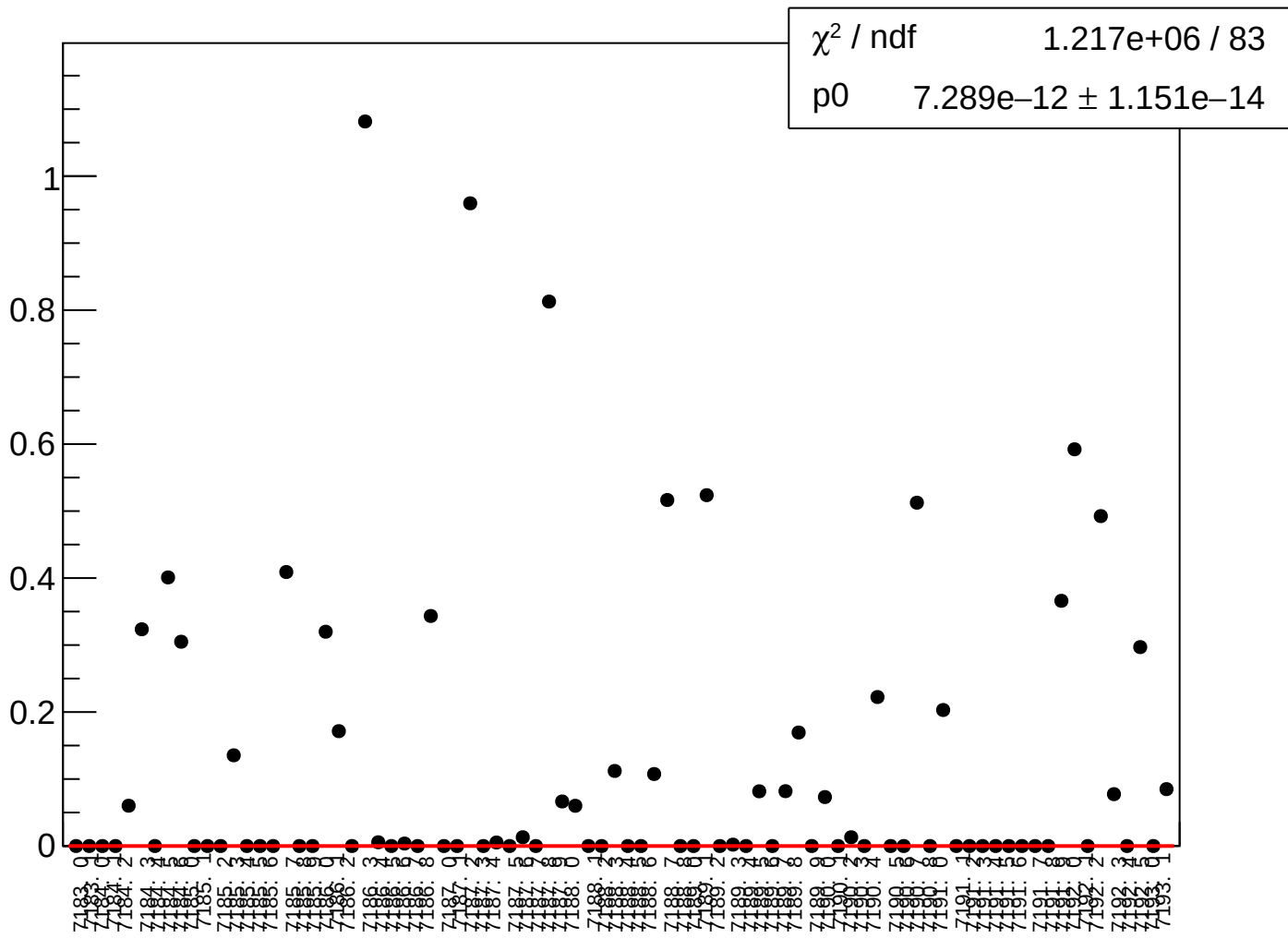
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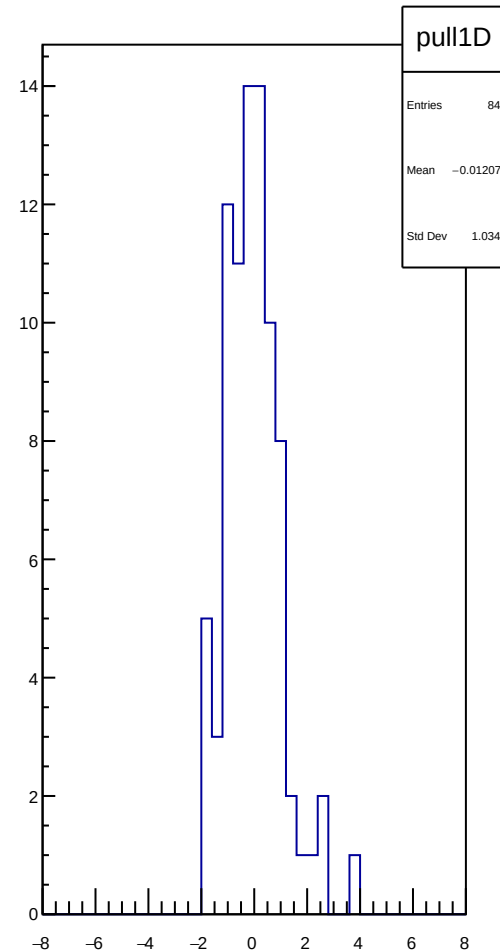
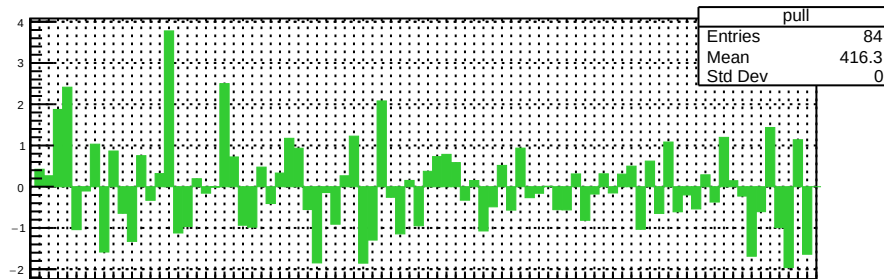
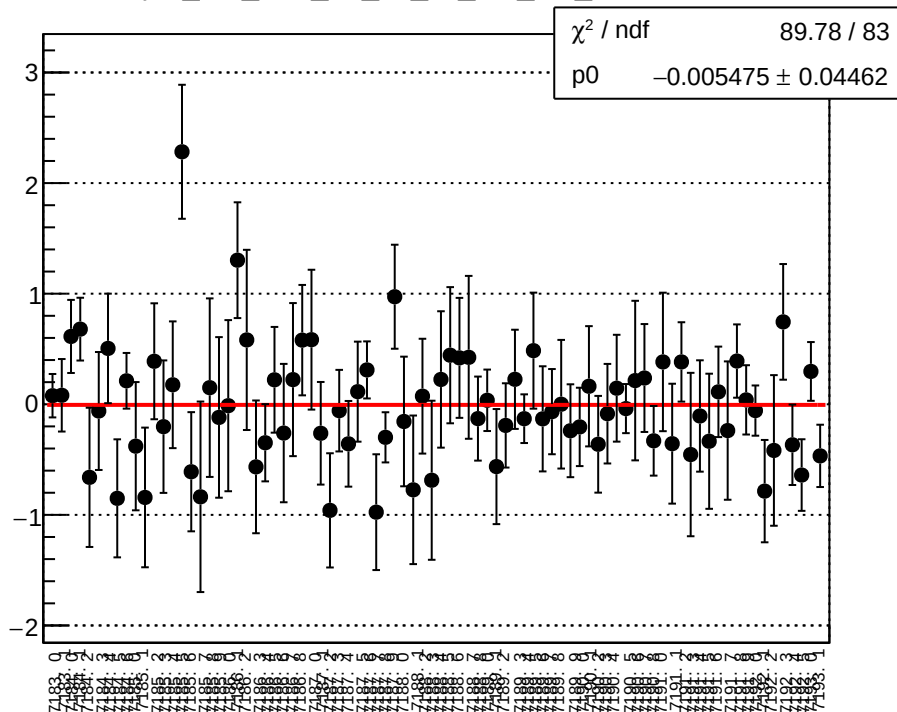
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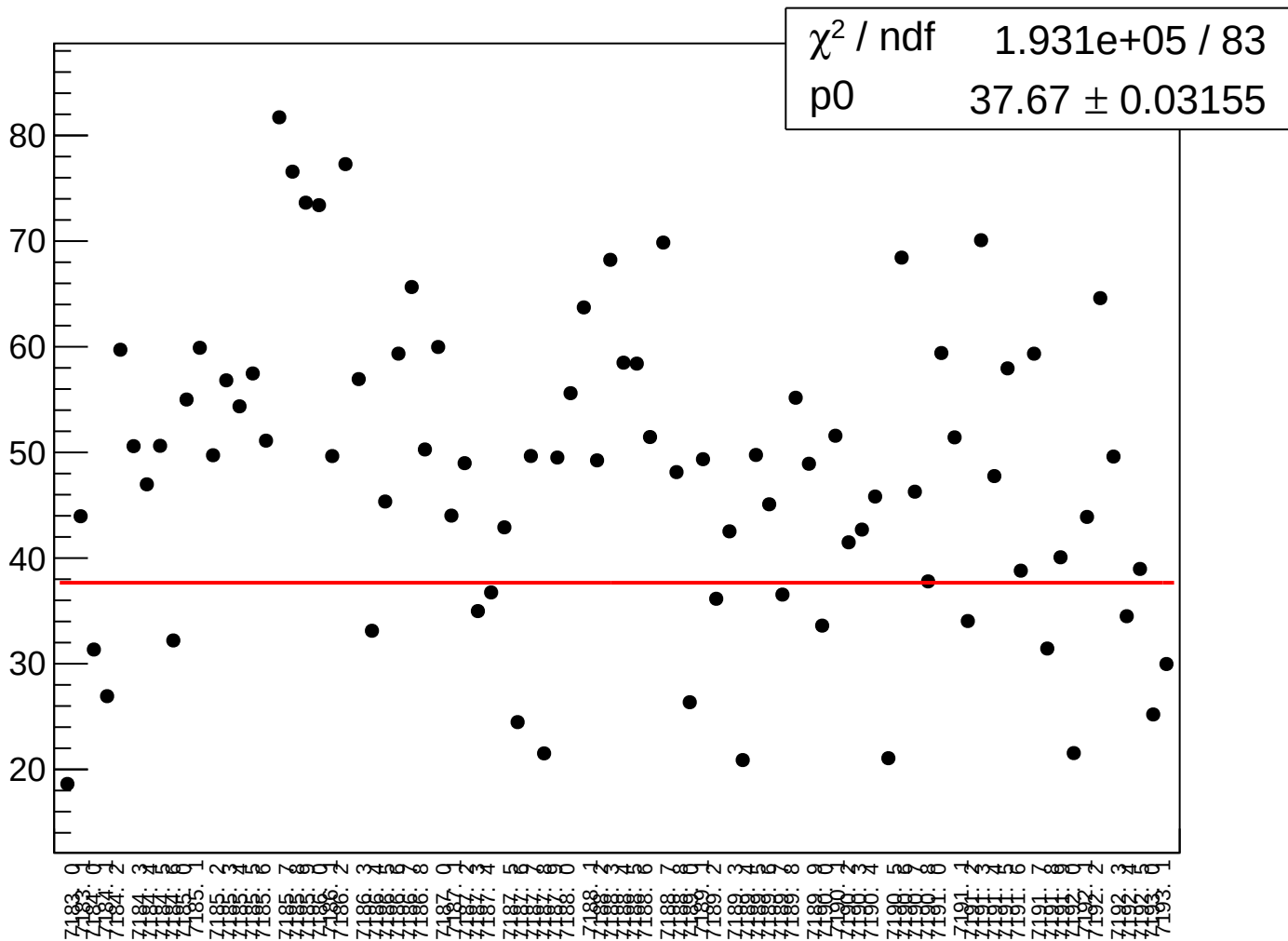
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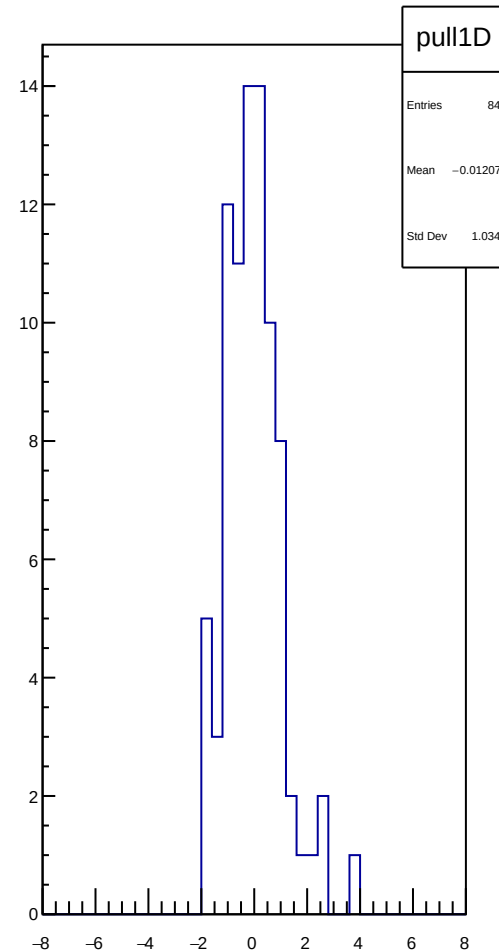
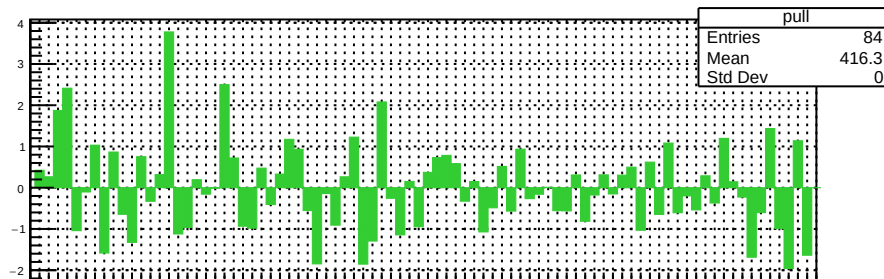
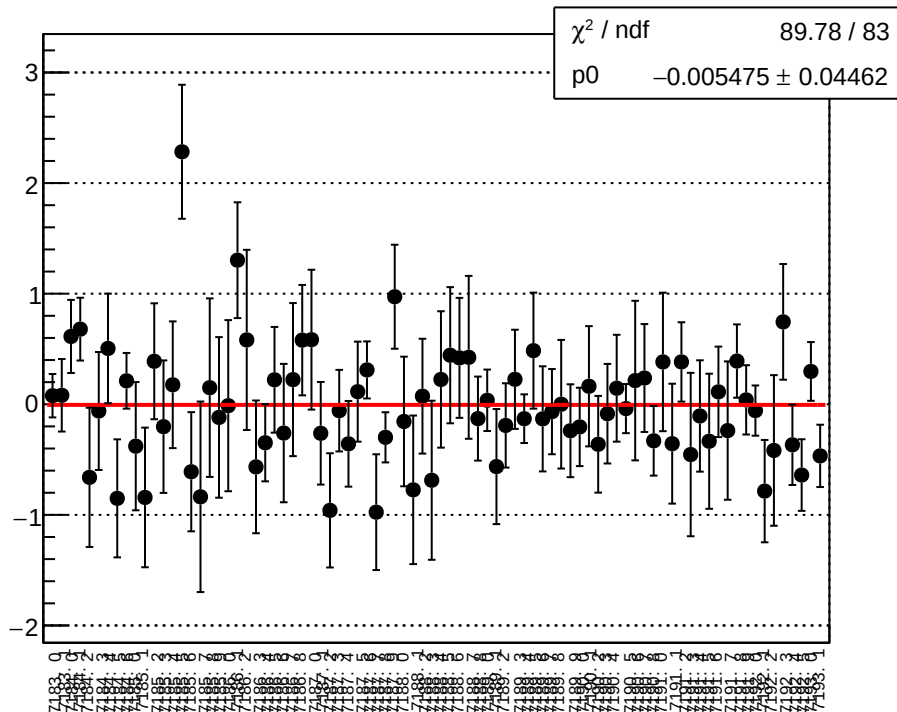
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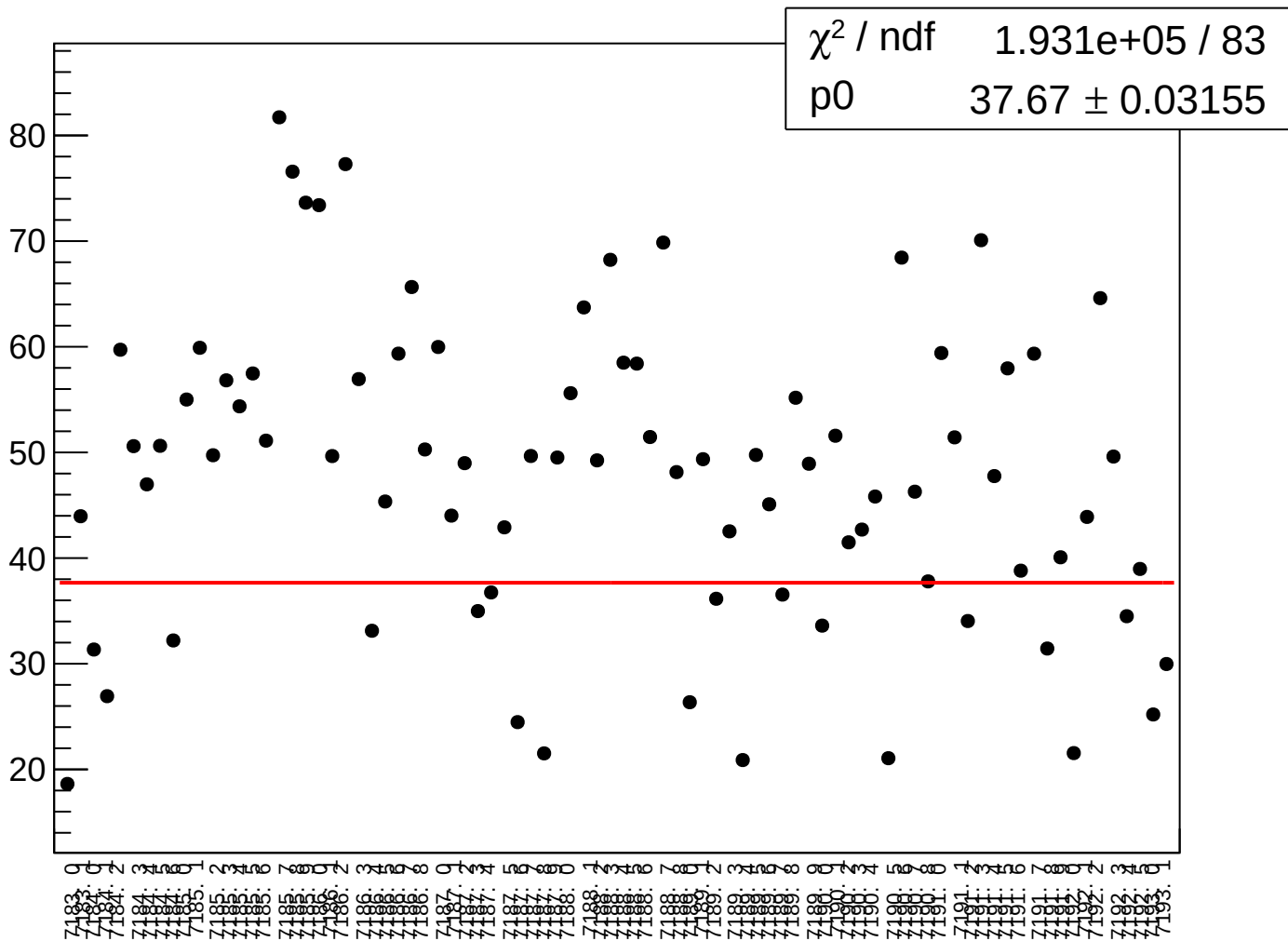
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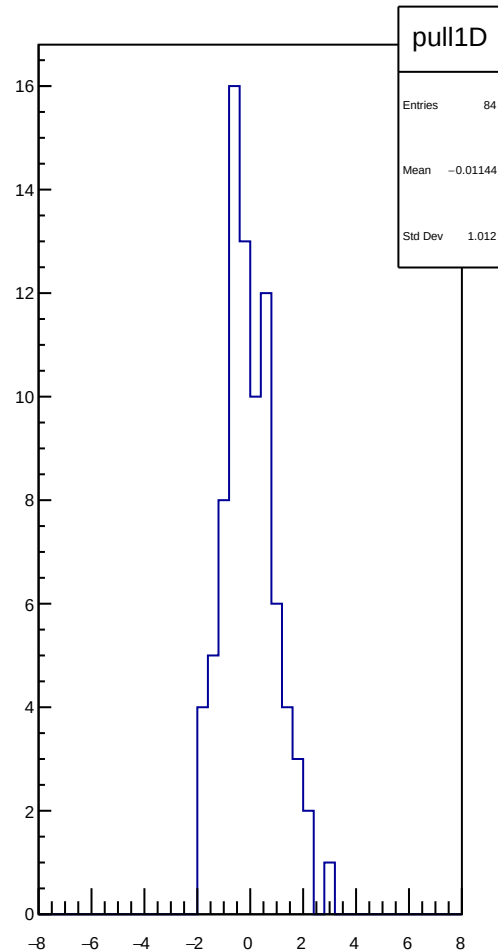
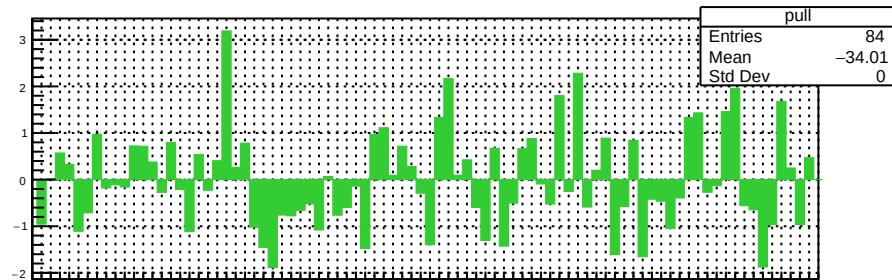
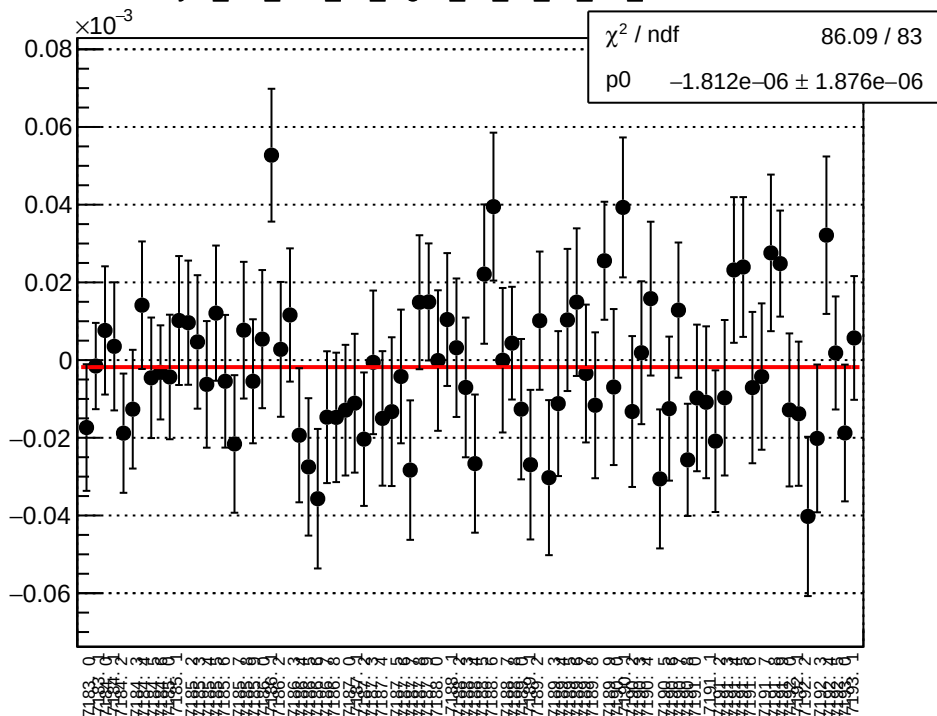
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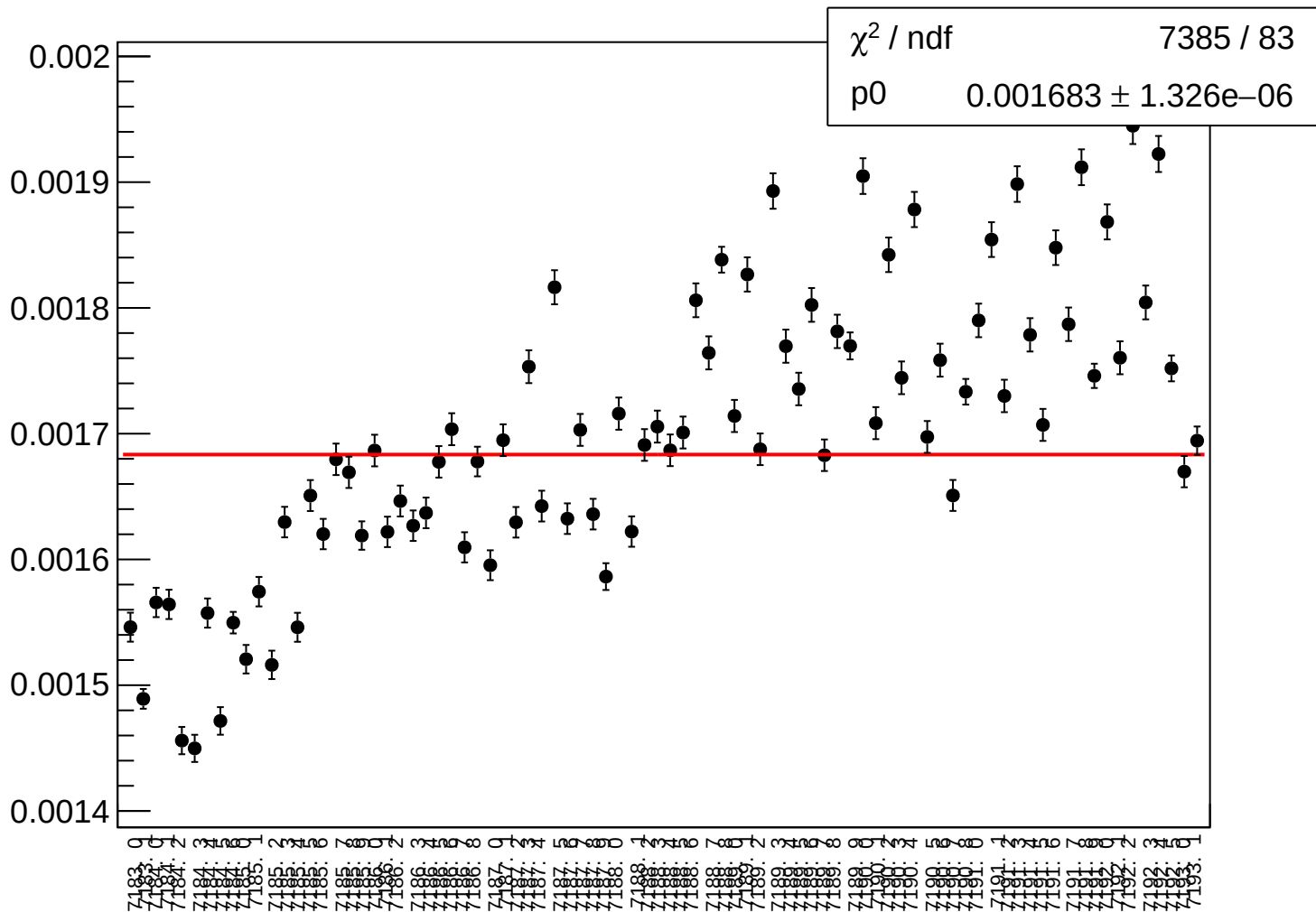
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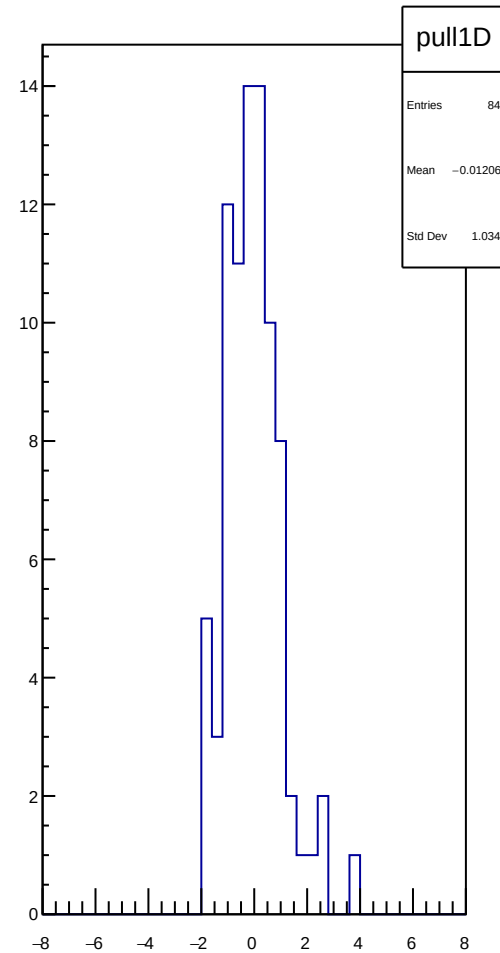
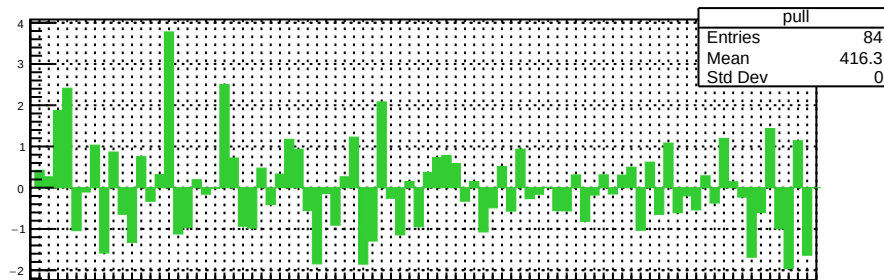
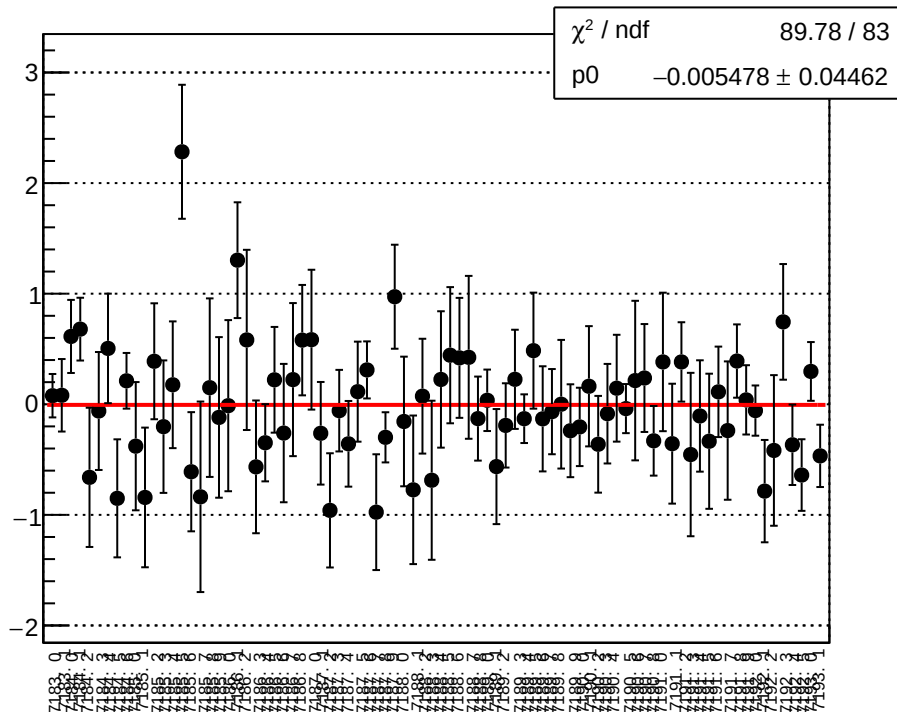
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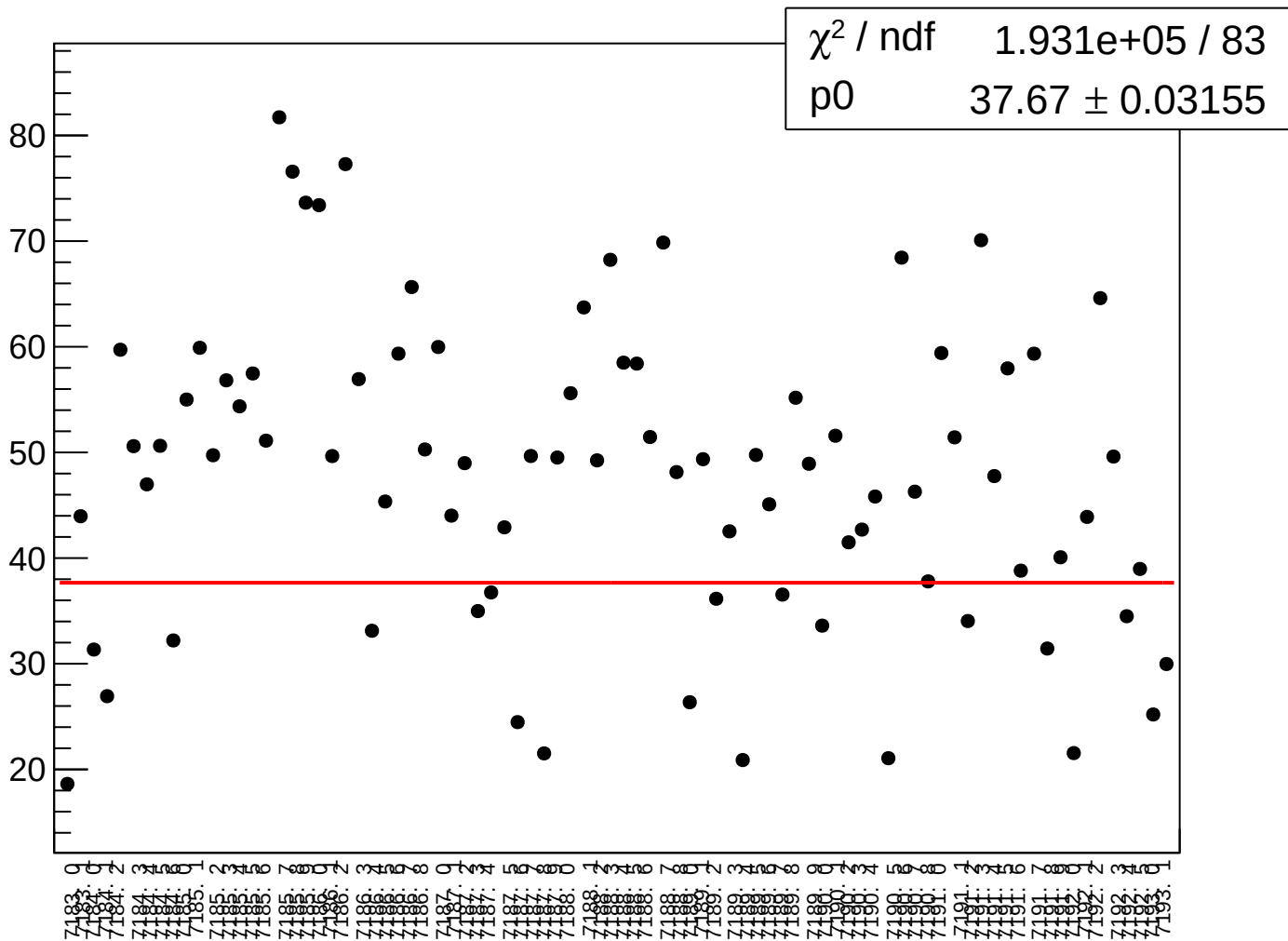
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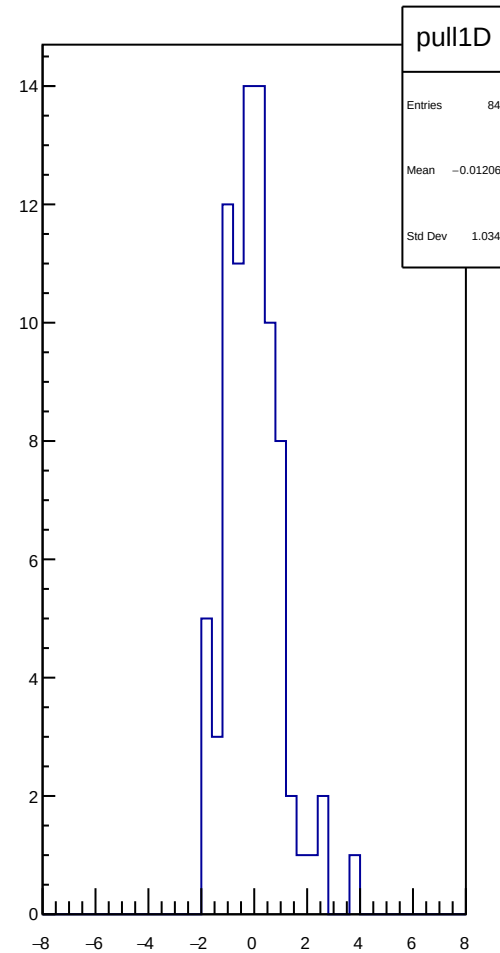
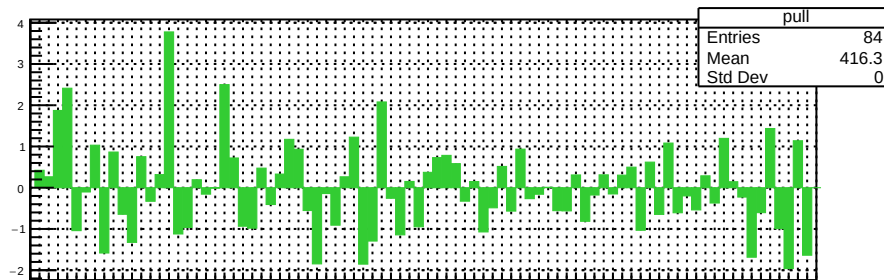
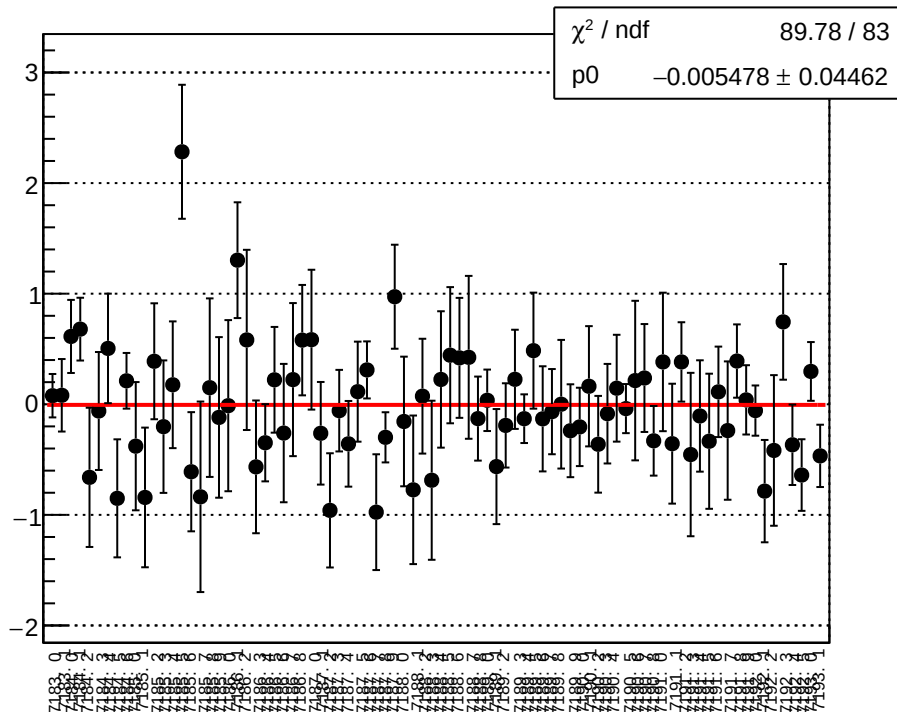
asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs run



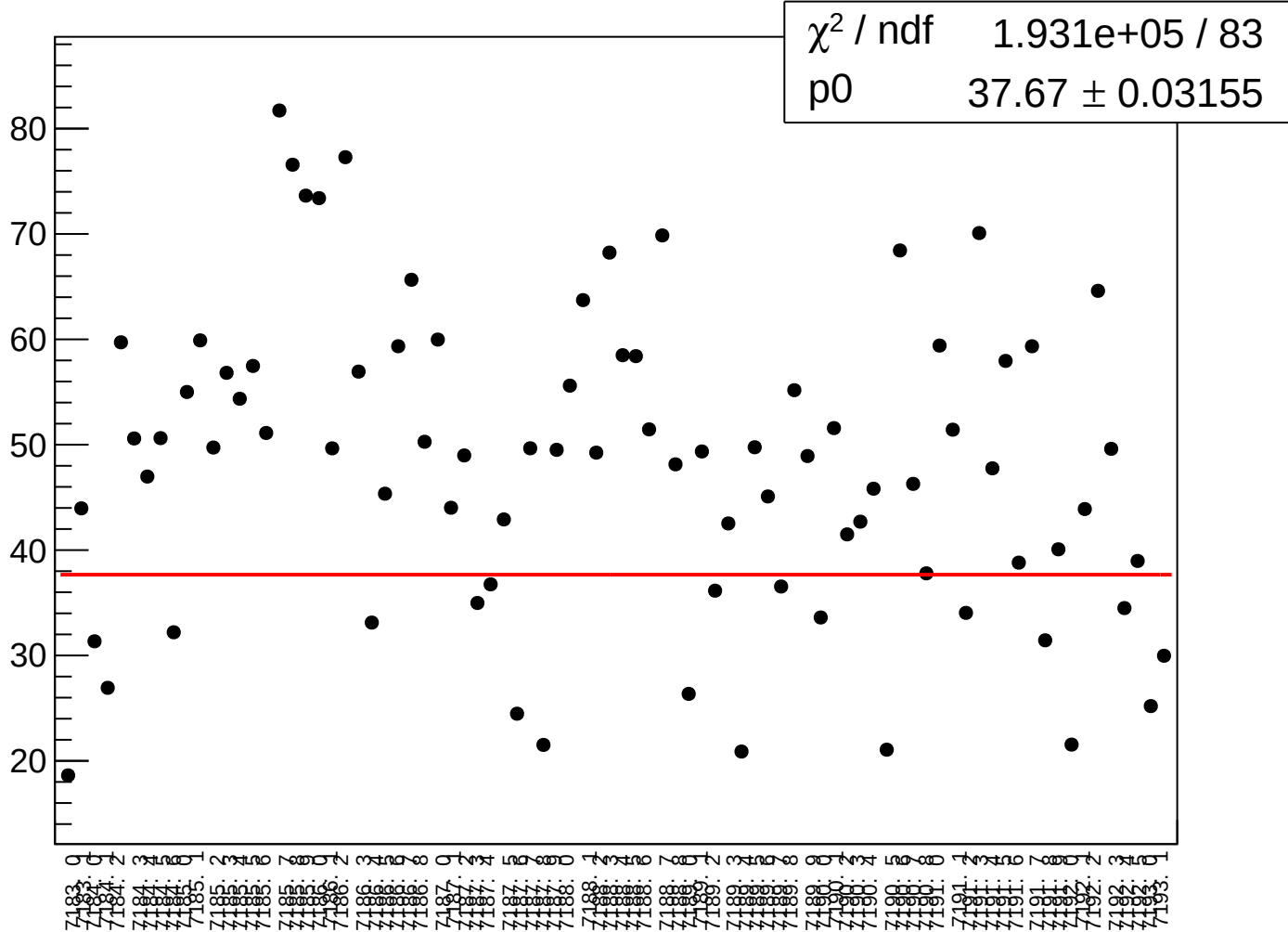
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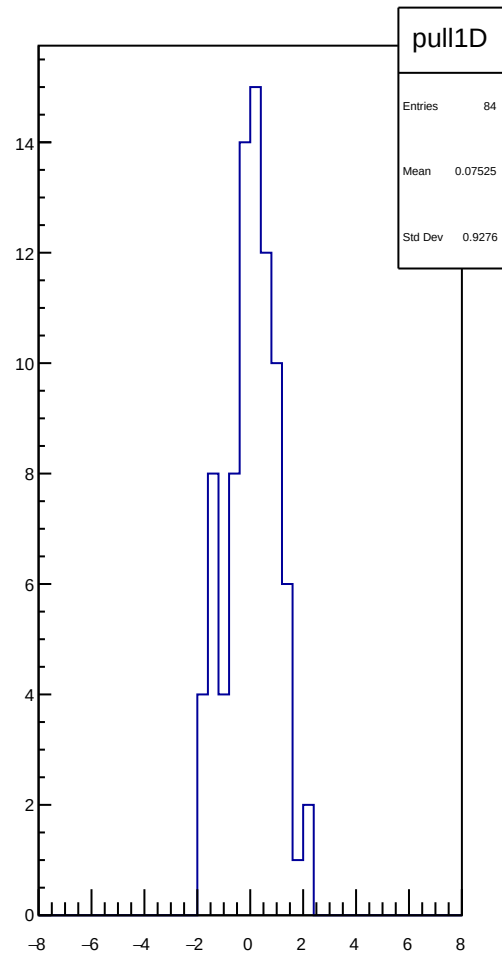
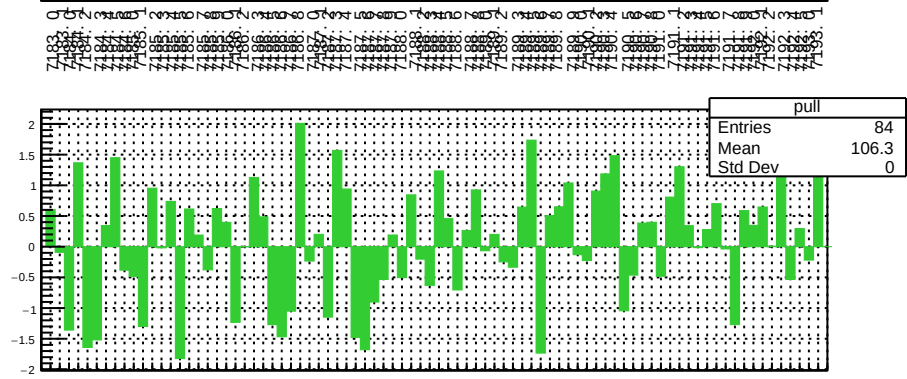
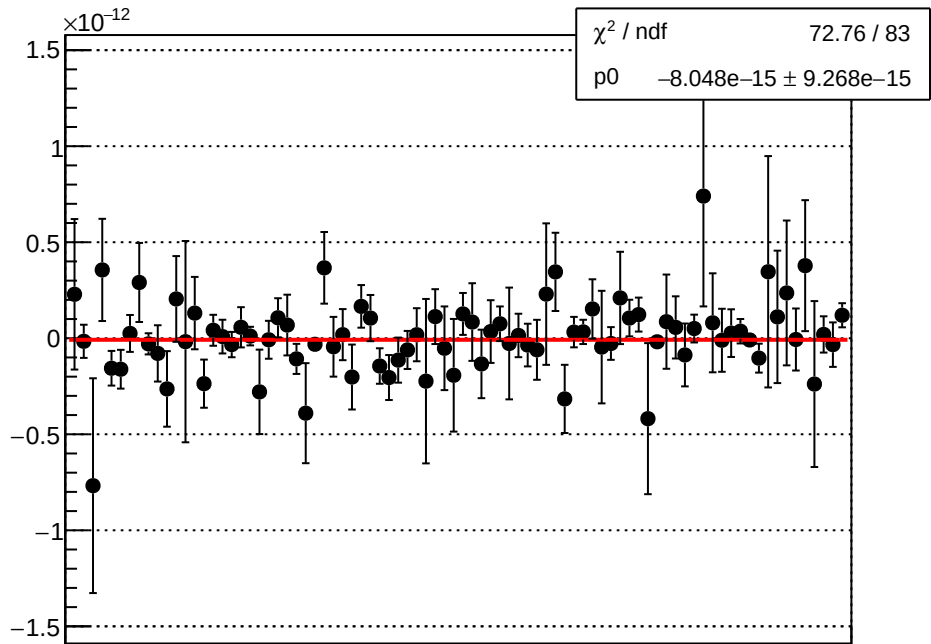
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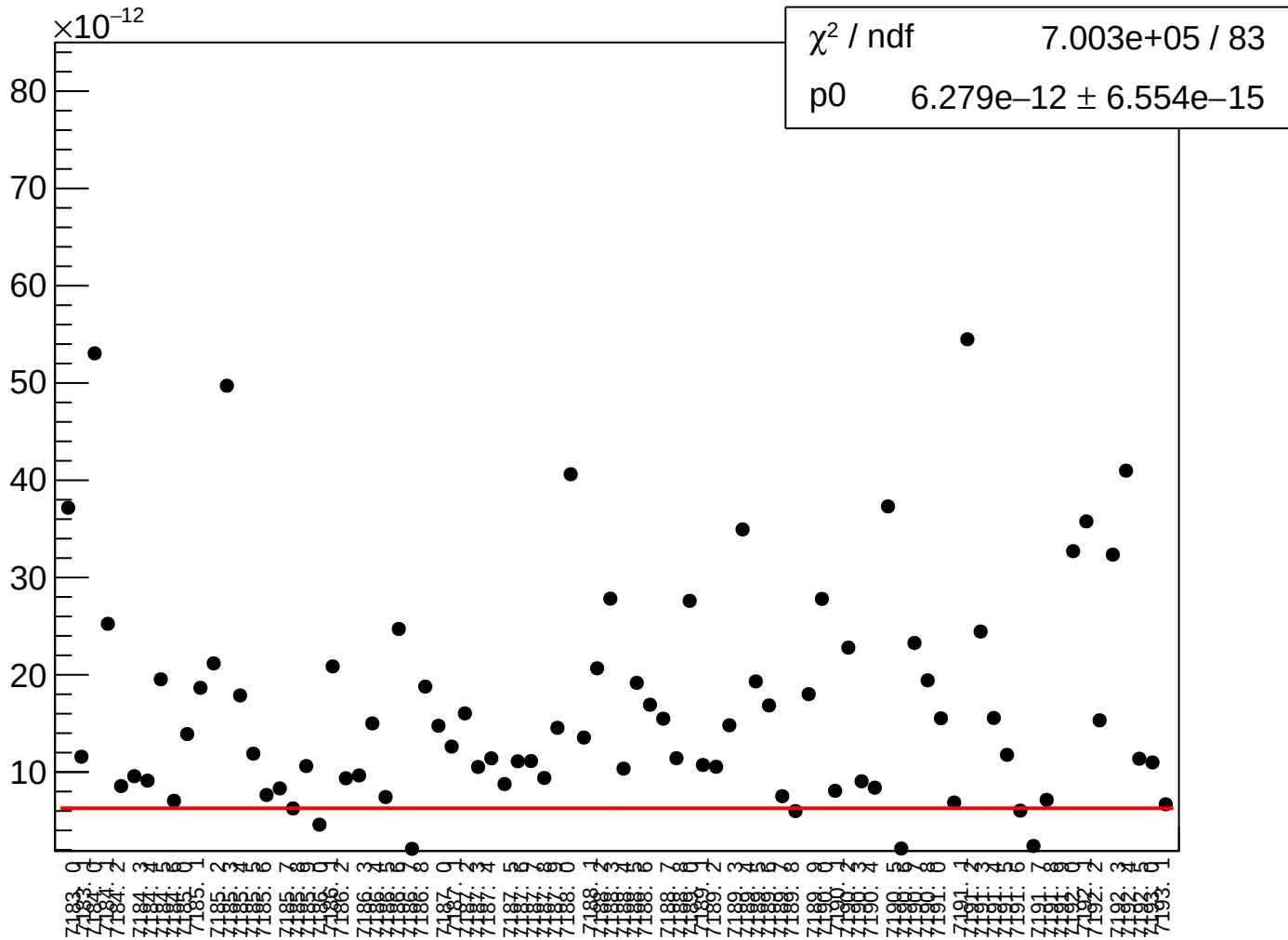
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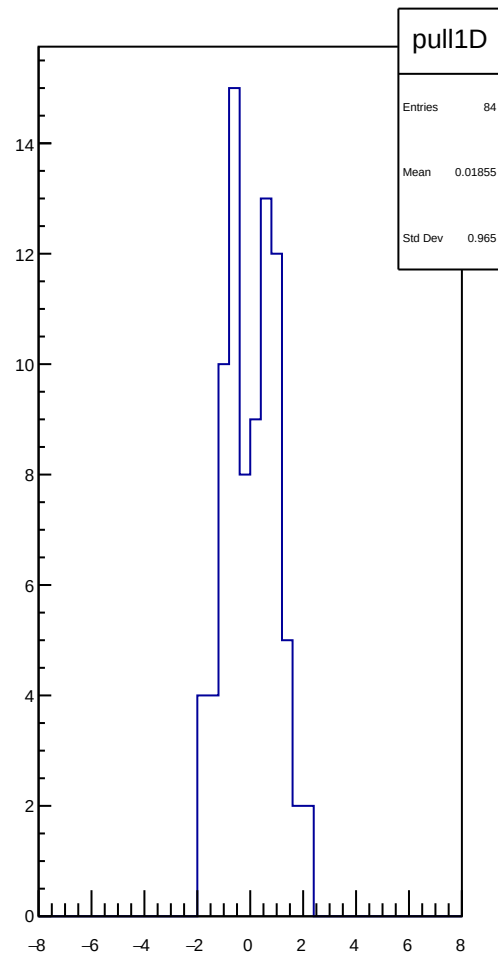
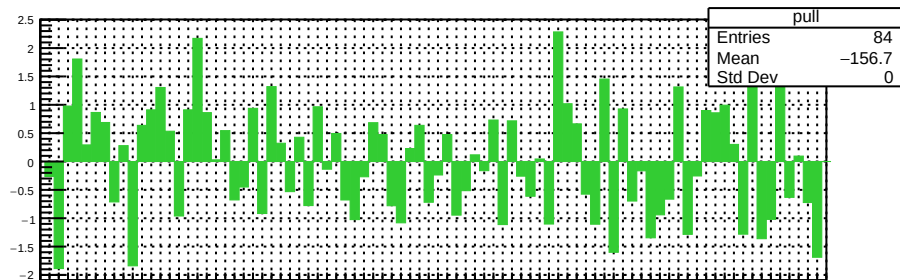
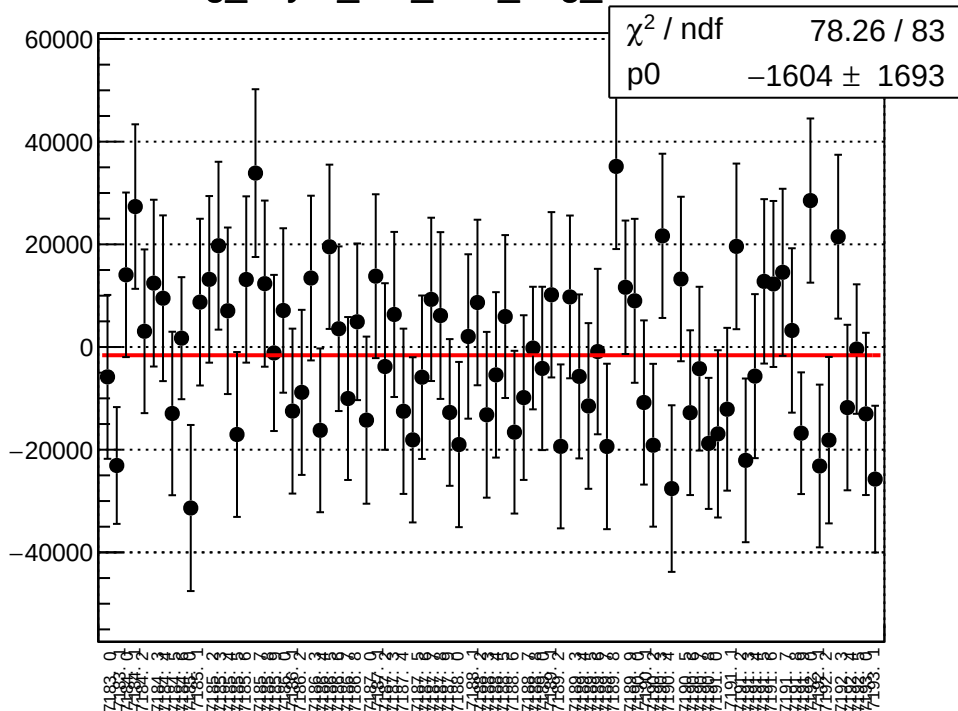
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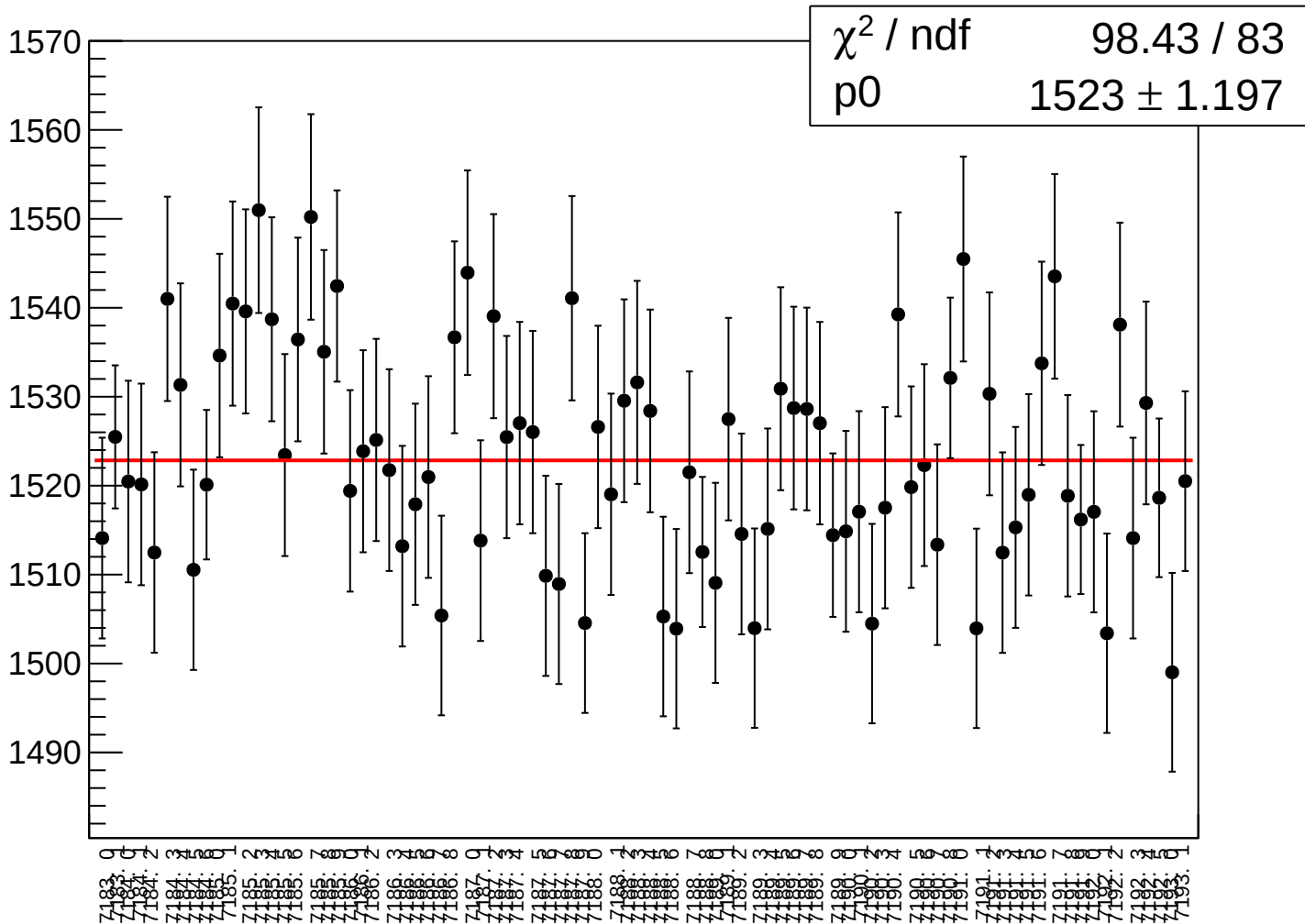
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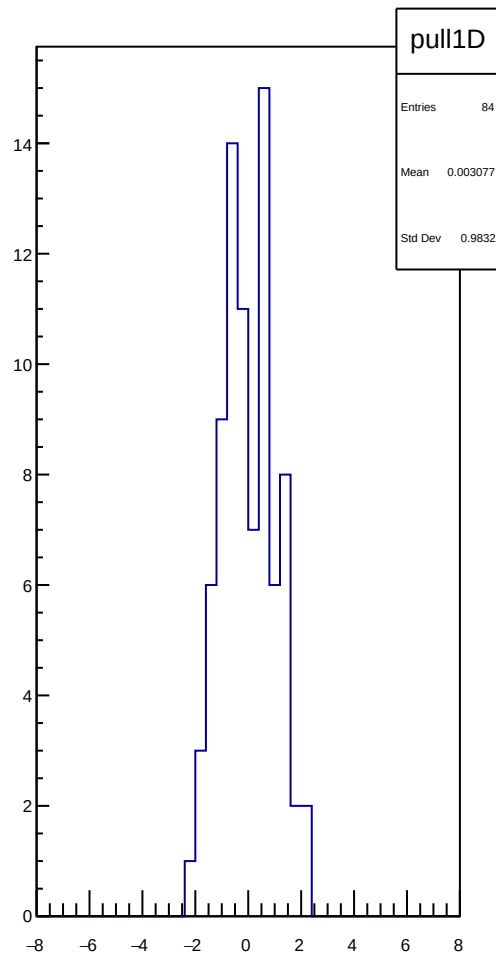
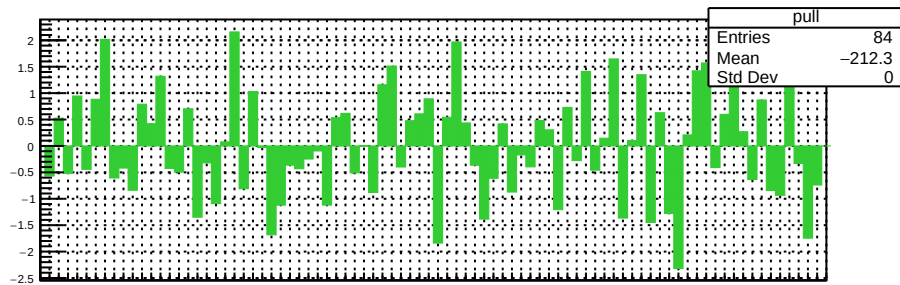
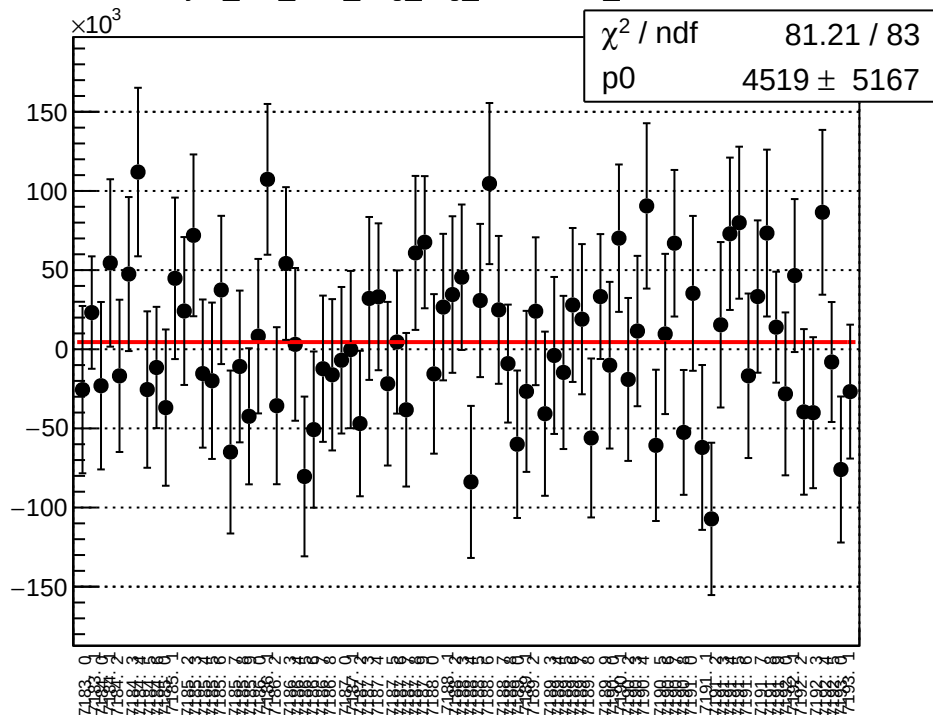
reg_asym_usr_atr2_avg_mean vs run



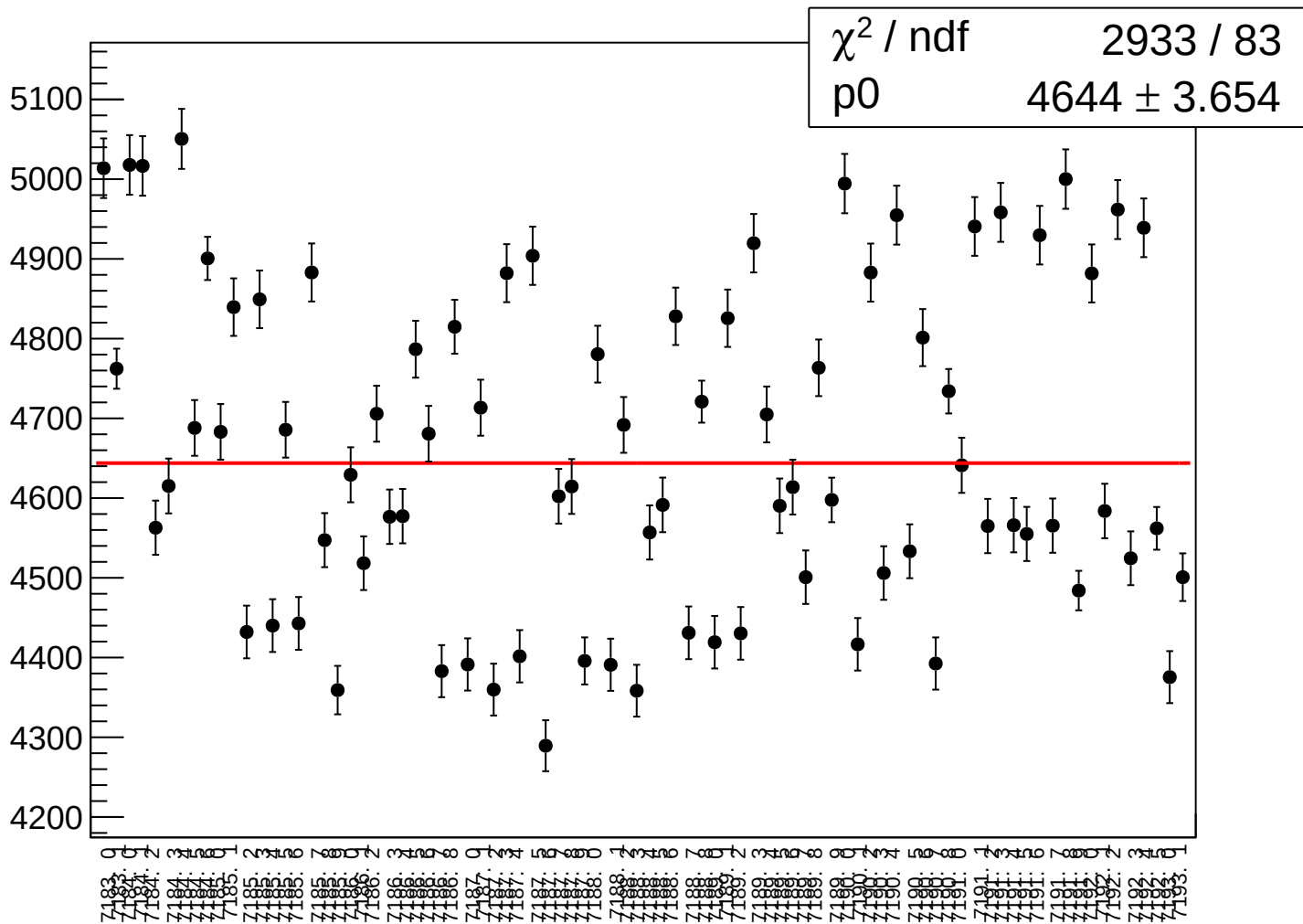
reg_asym_usr_atr2_avg_rms vs run



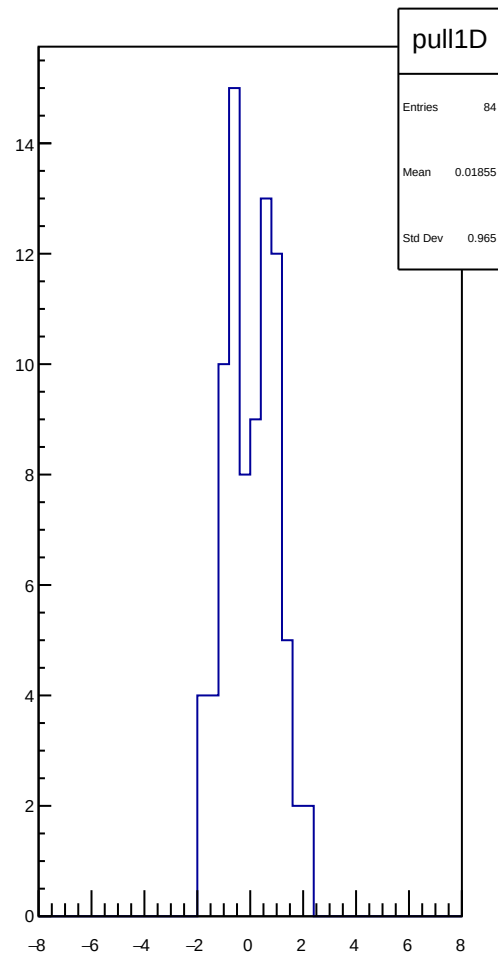
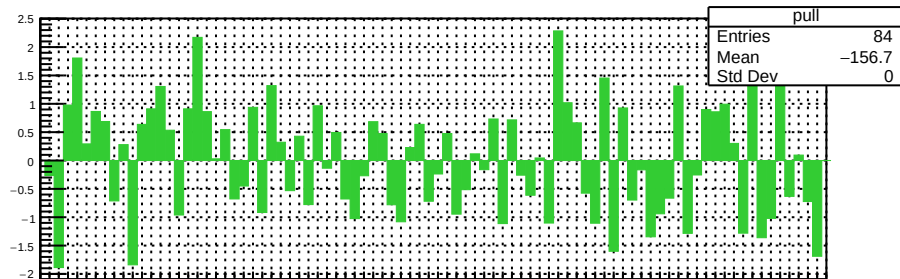
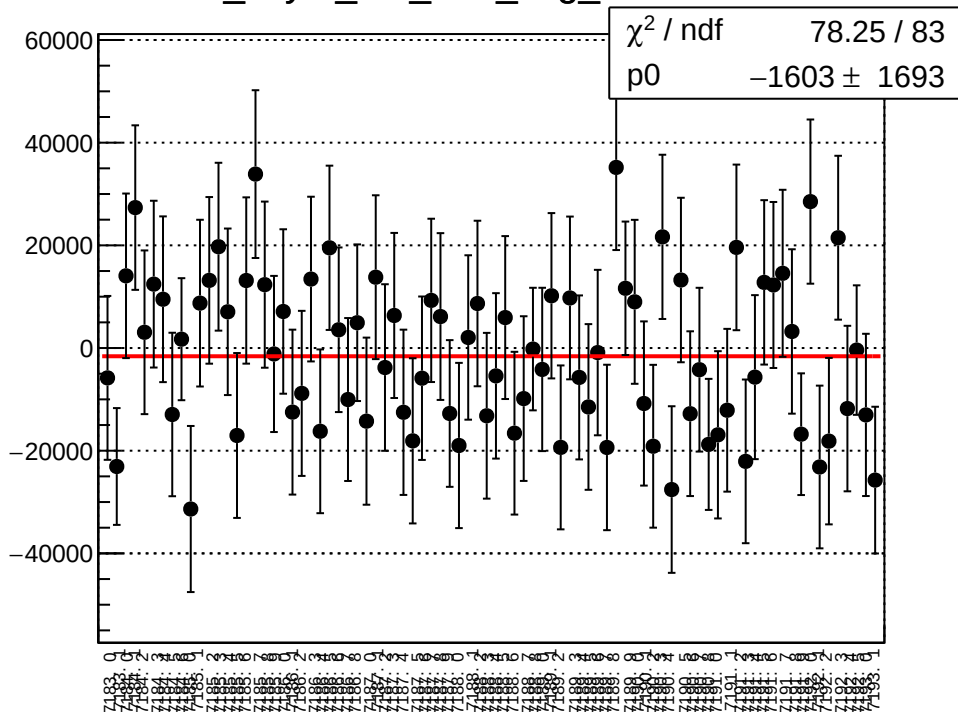
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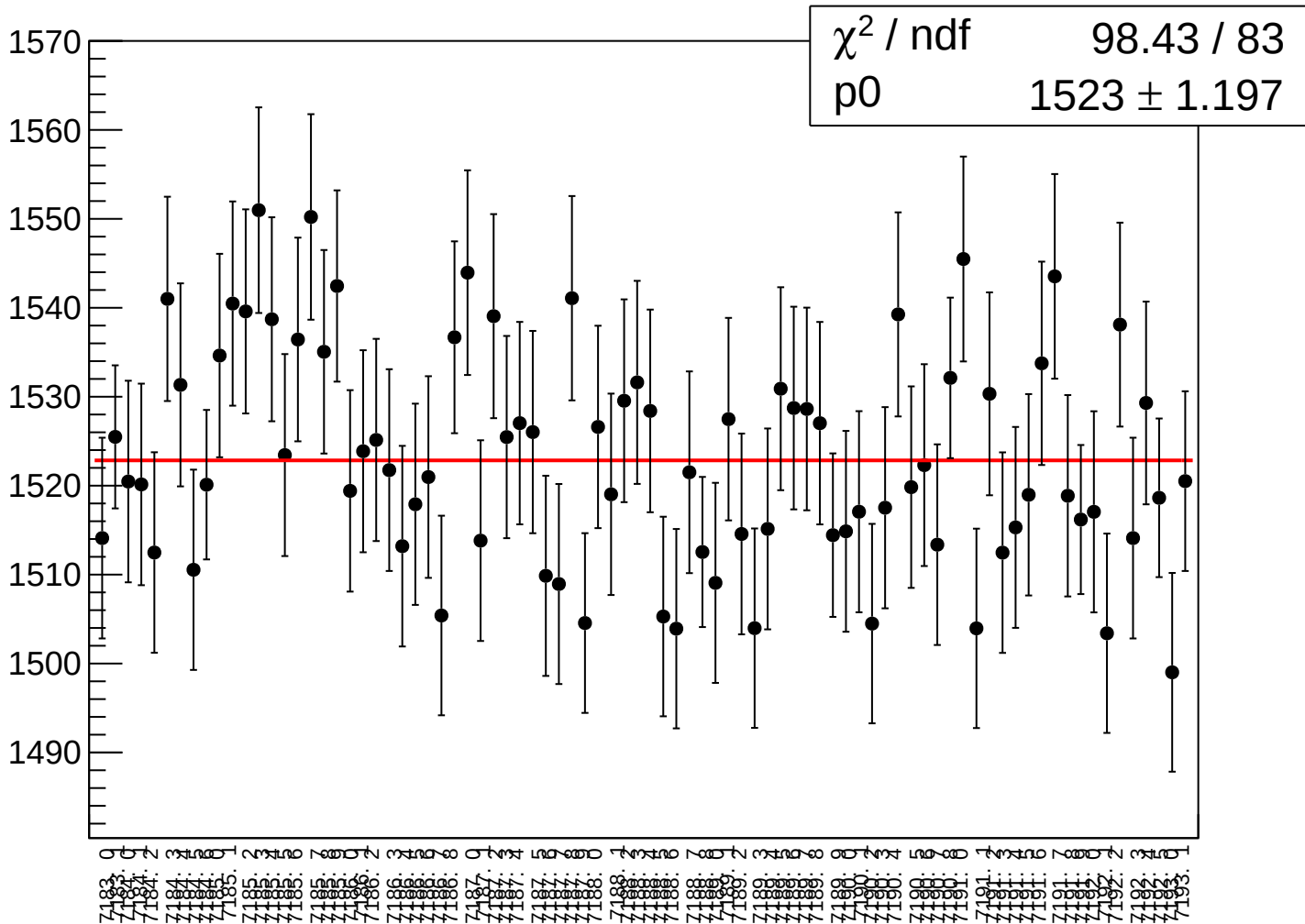
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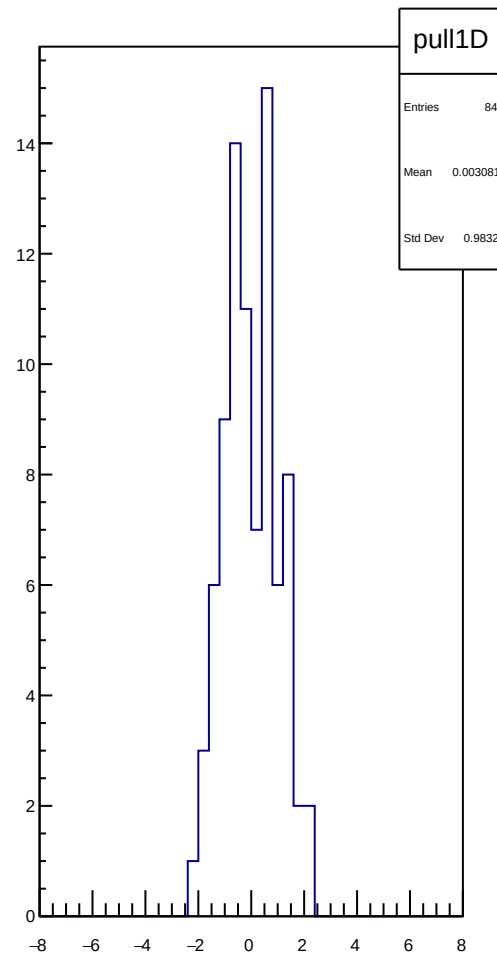
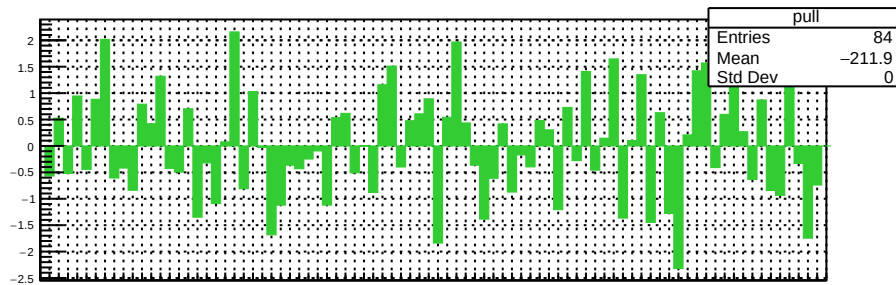
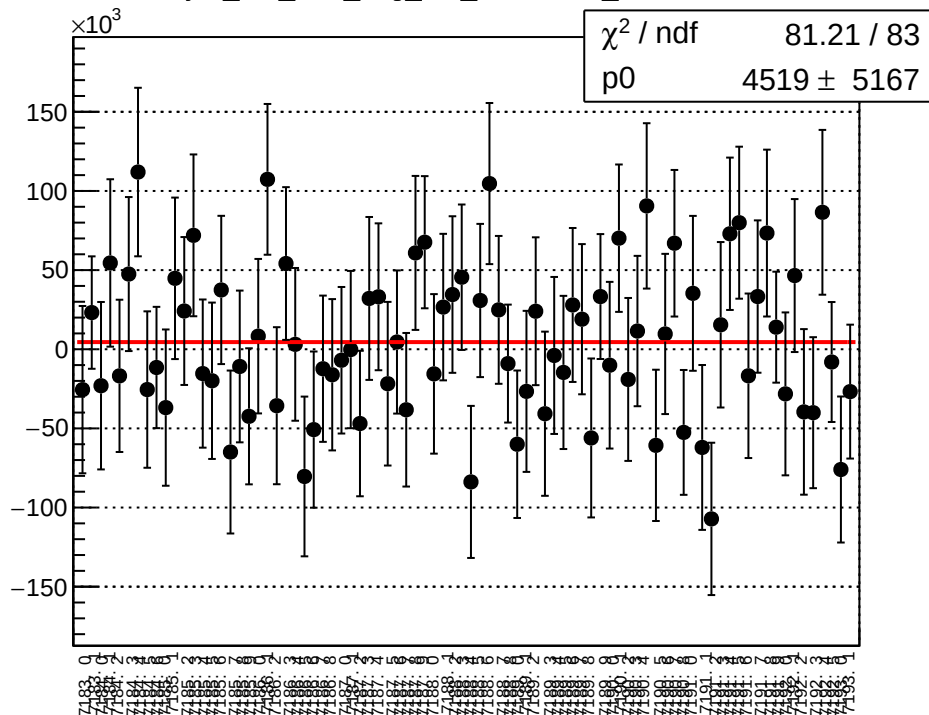
cor_asym_usr_atr2_avg_mean vs run



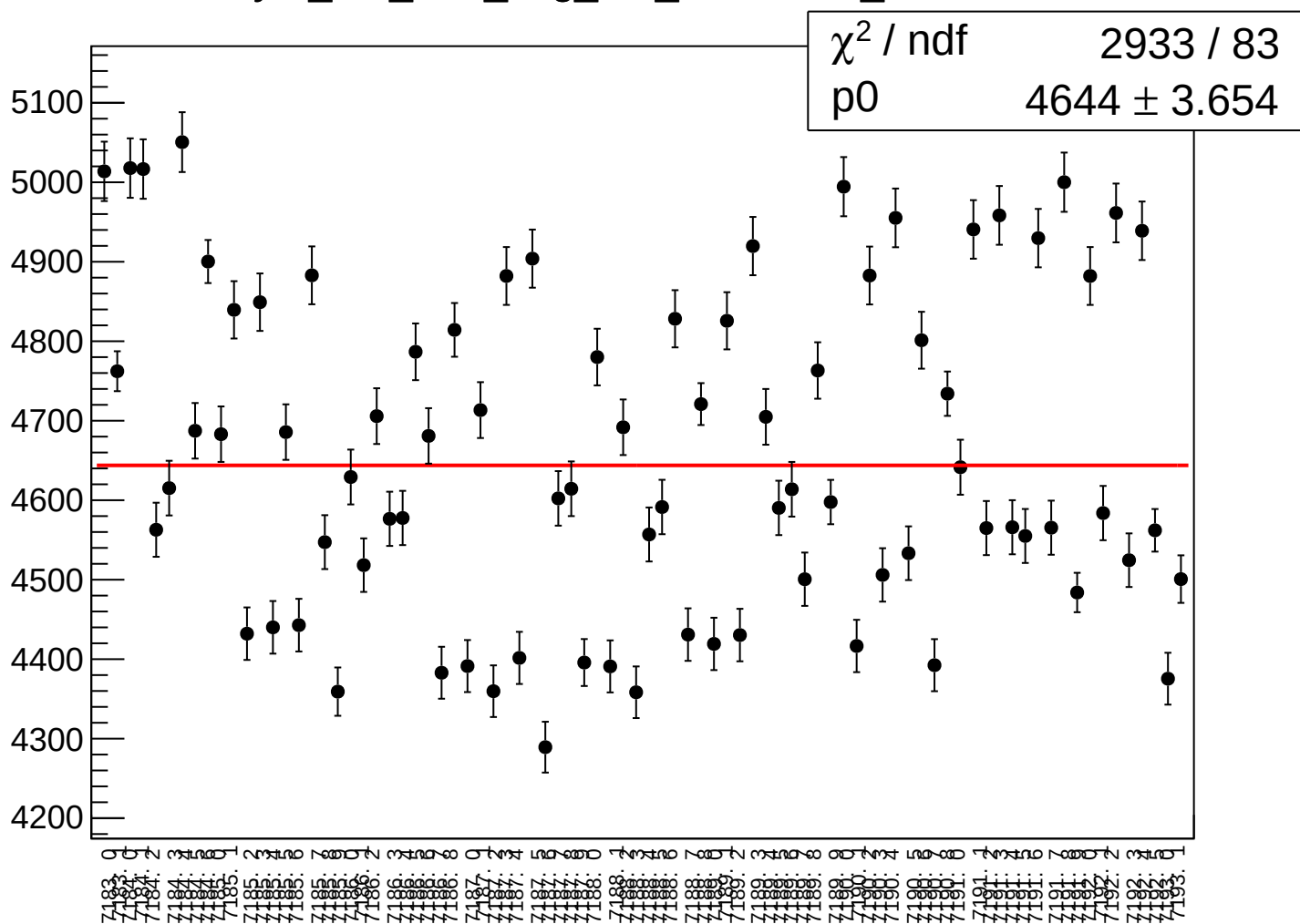
cor_asym_usr_atr2_avg_rms vs run



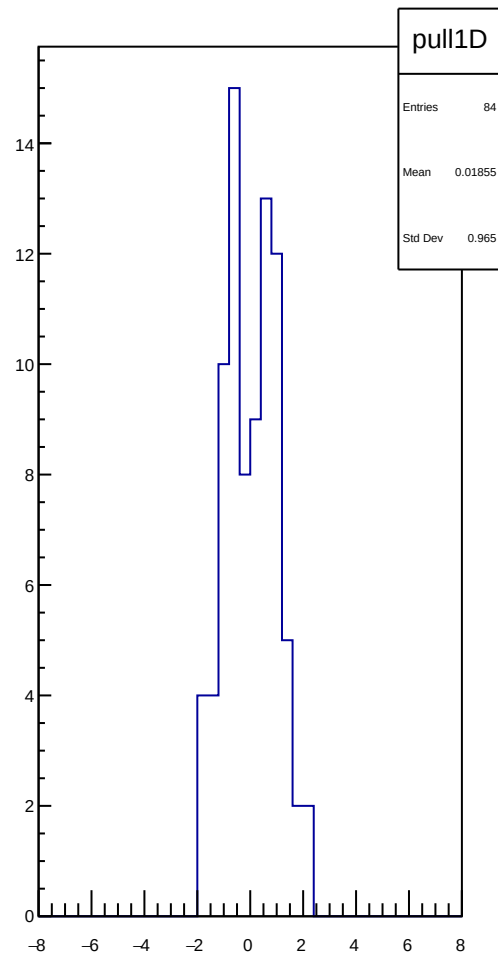
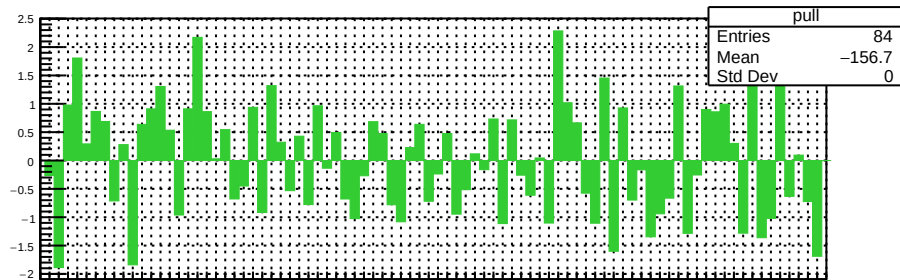
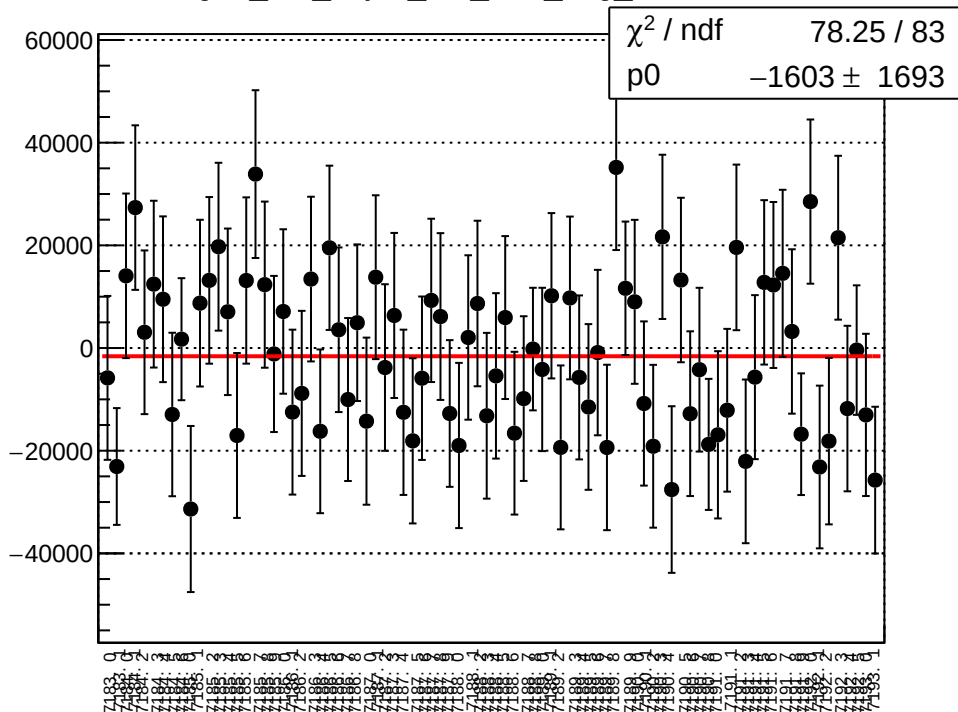
asym_usr_atr2_avg_cor_correction_mean vs run



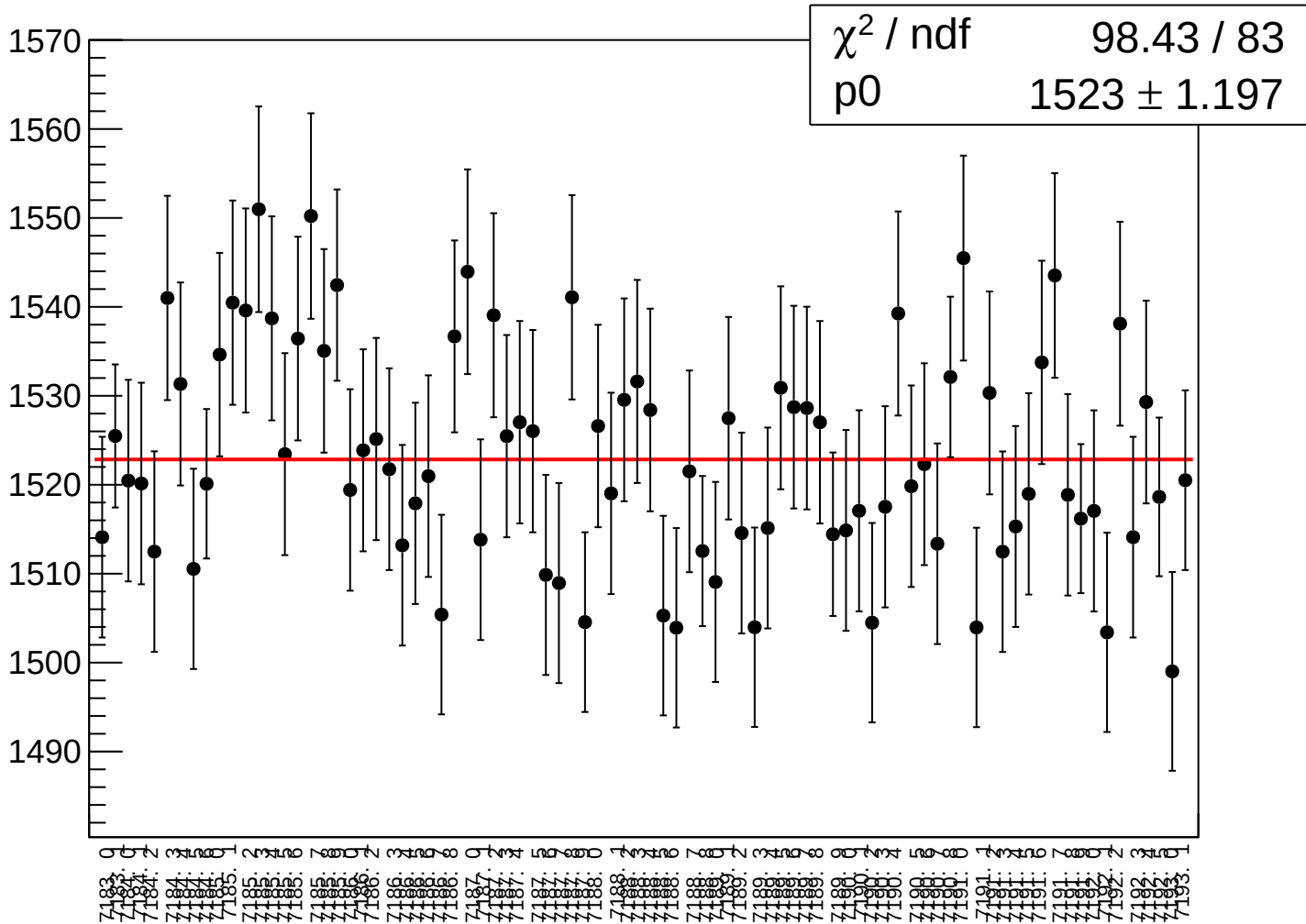
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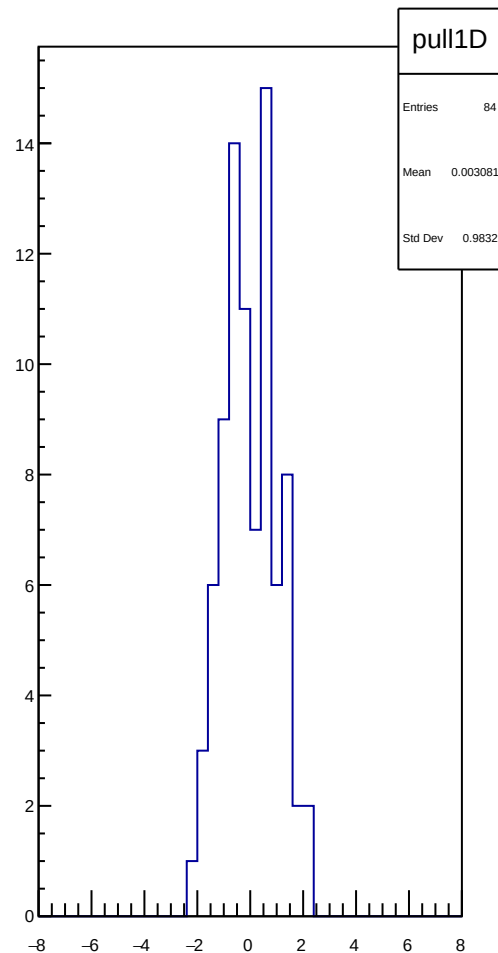
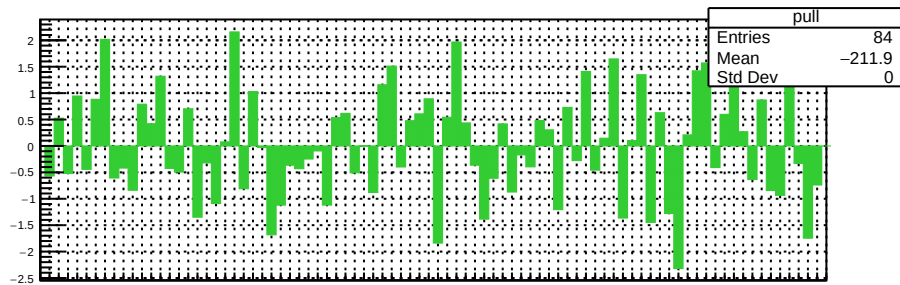
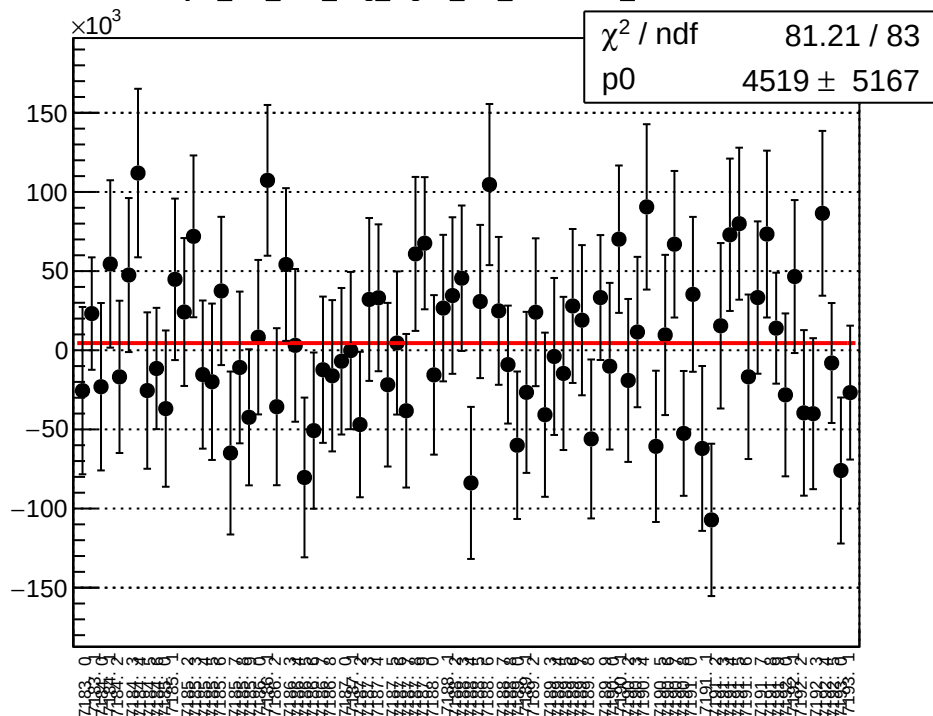
eigen_cor_asym_usr_atr2_avg_mean vs run



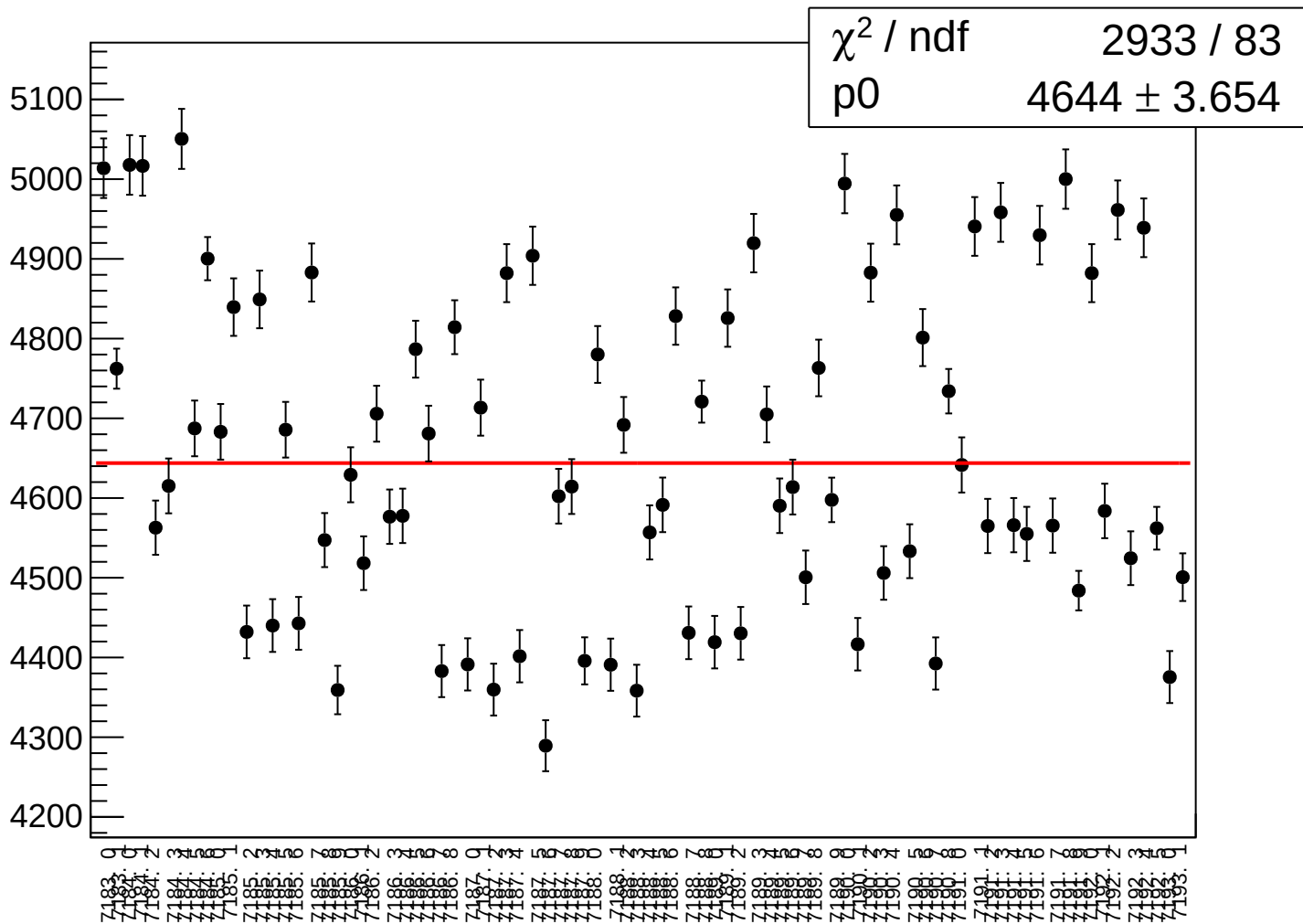
eigen_cor_asym_usr_atr2_avg_rms vs run



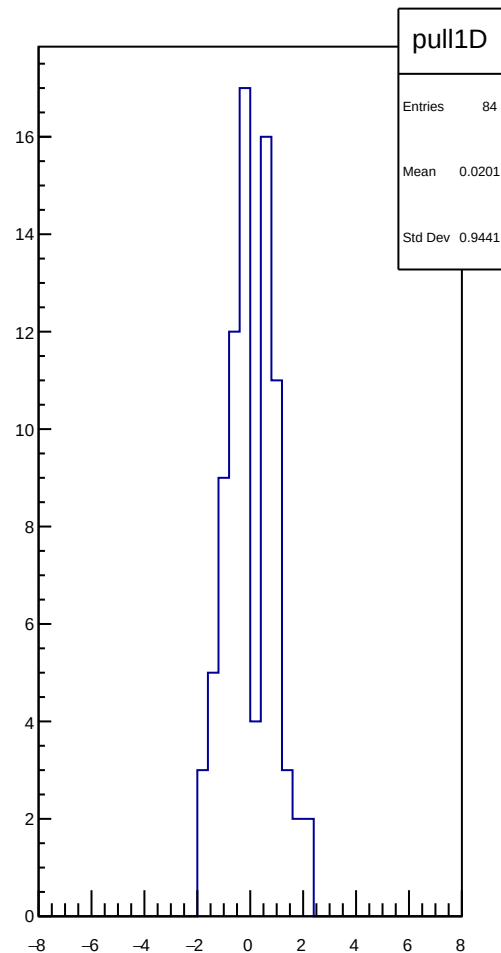
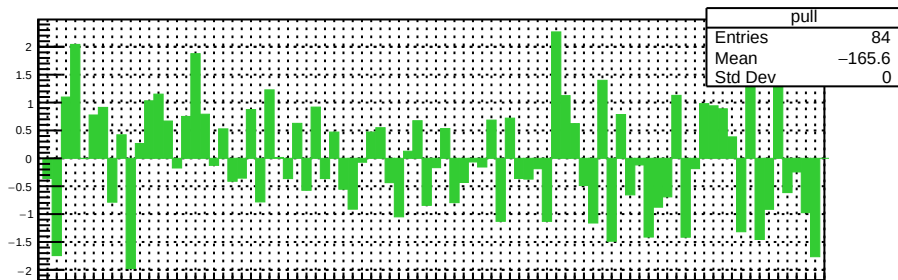
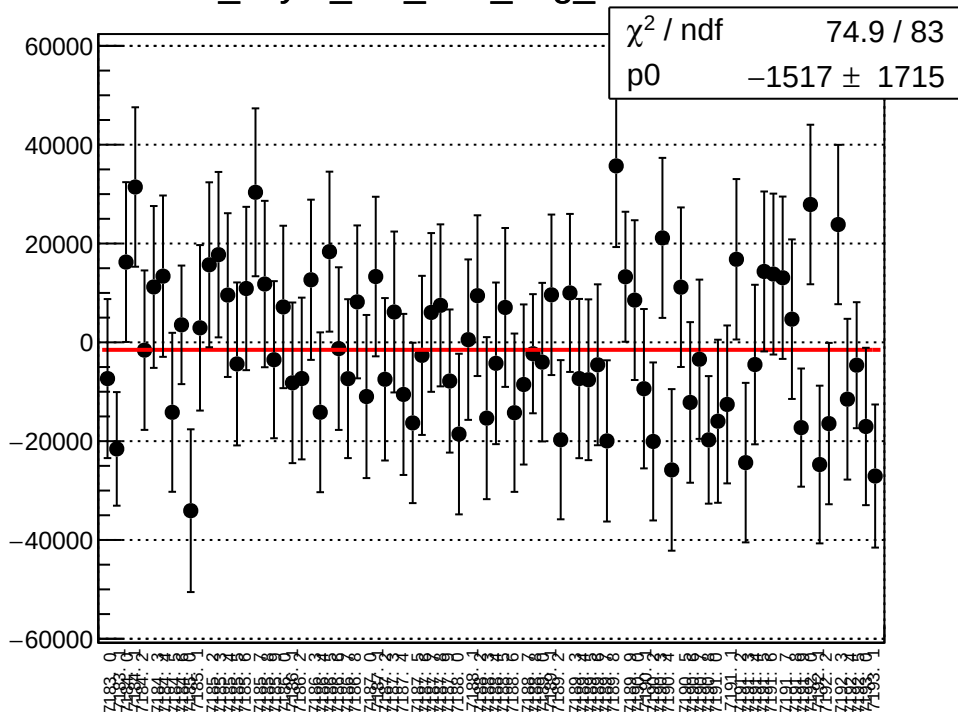
asym_usr_atr2_avg_eigen_cor_correction_mean vs run



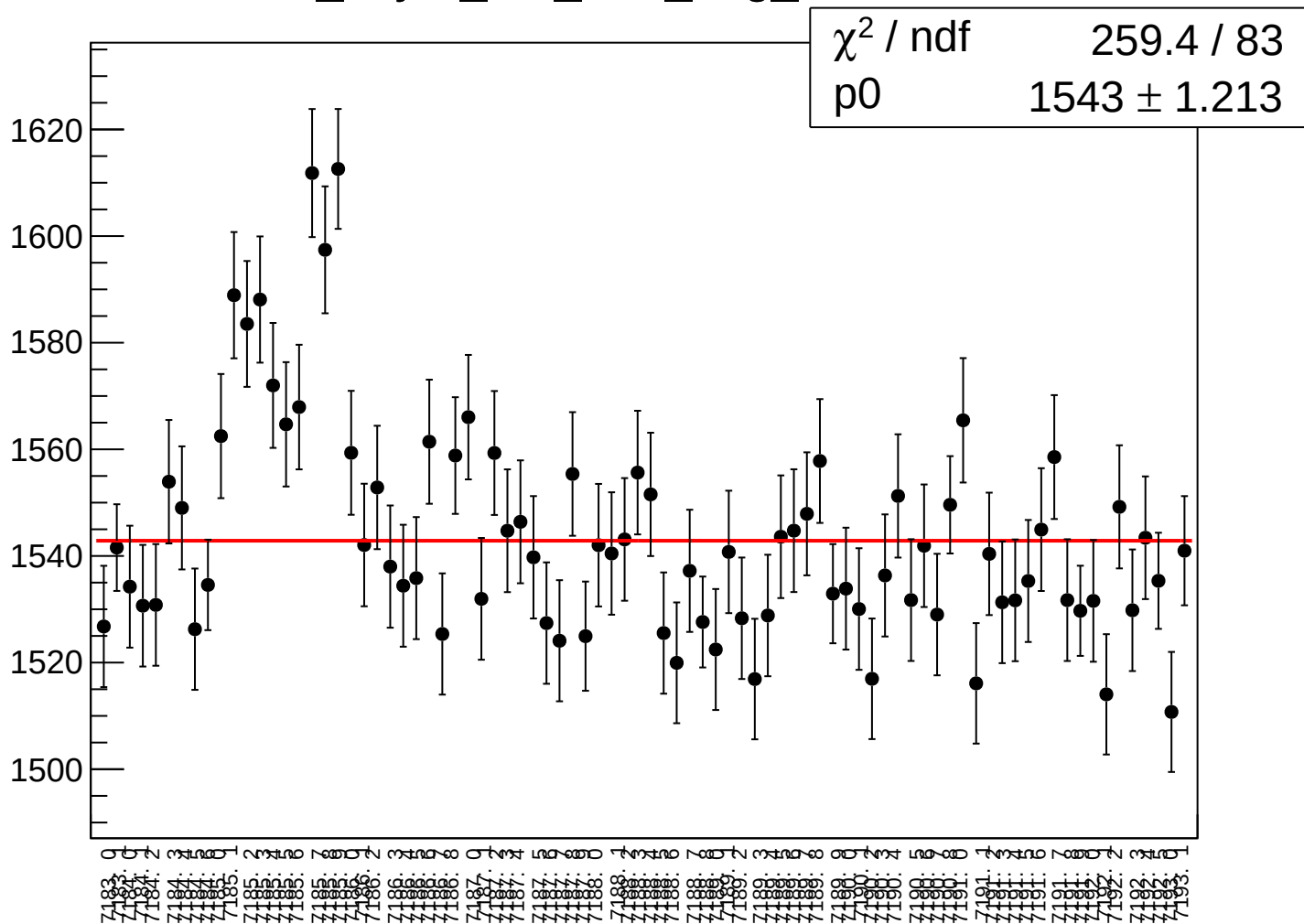
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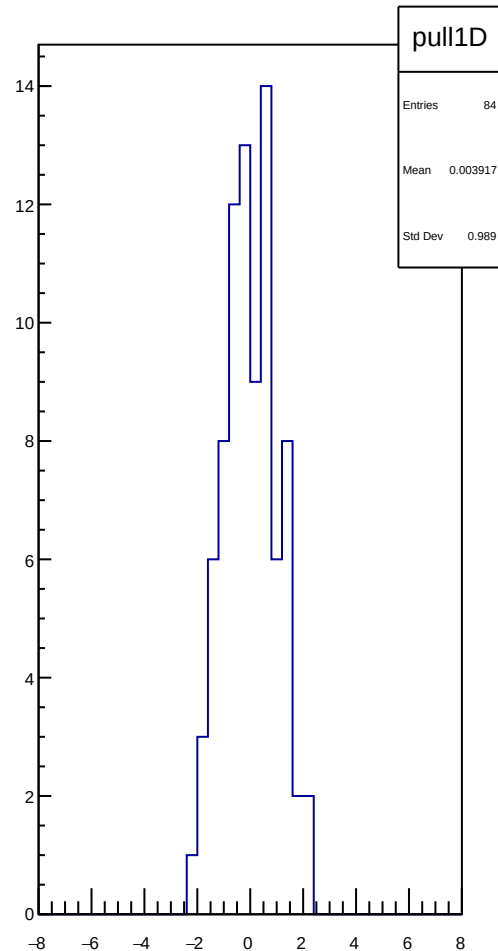
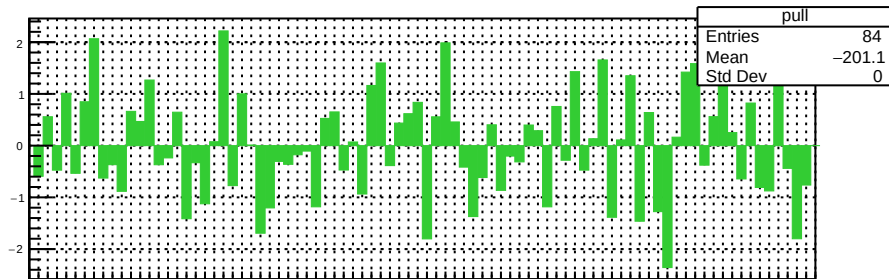
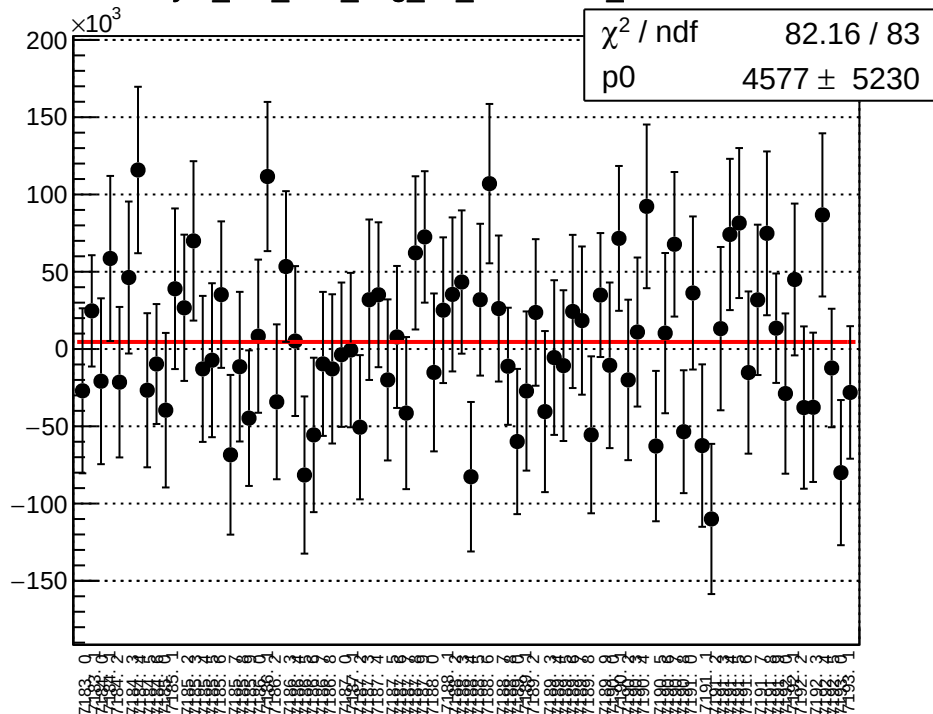
dit_asym_usr_atr2_avg_mean vs run



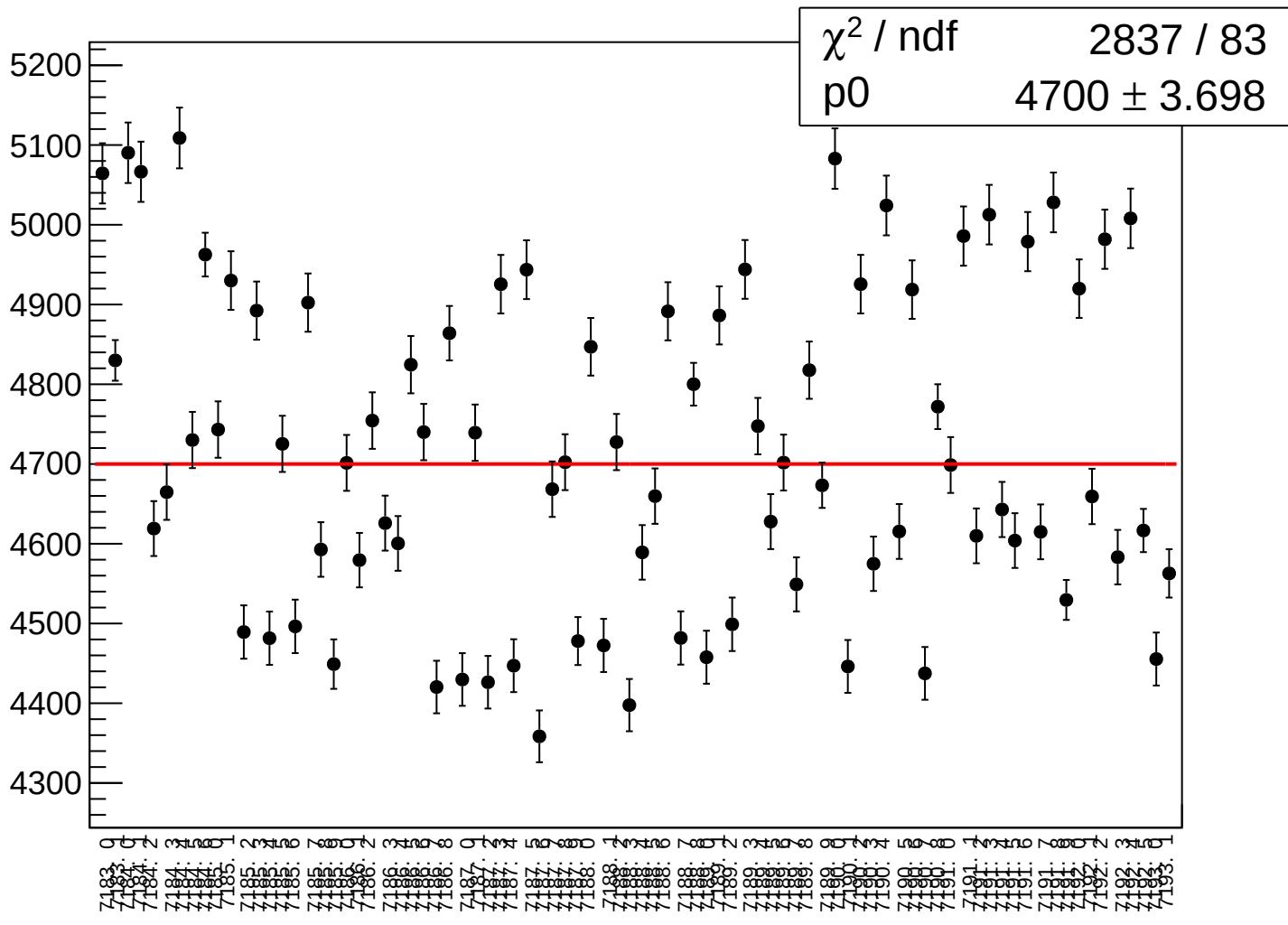
dit_asym_usr_atr2_avg_rms vs run



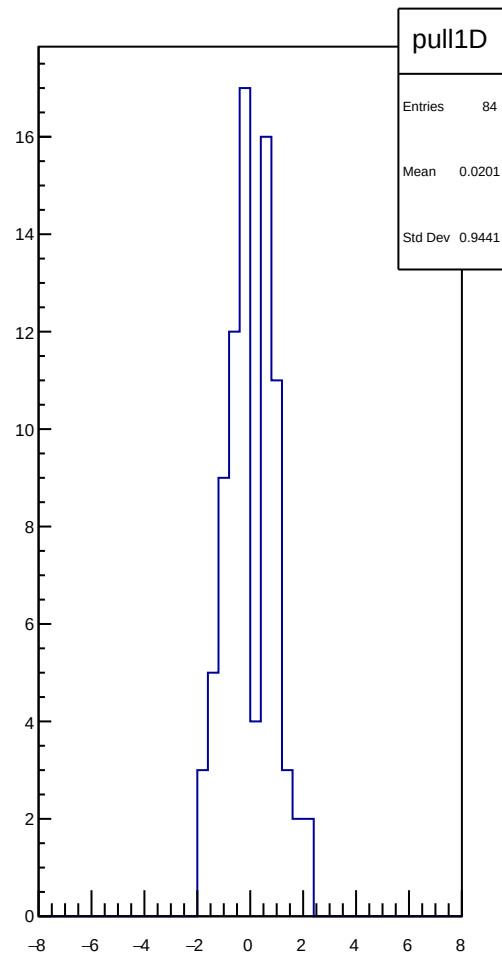
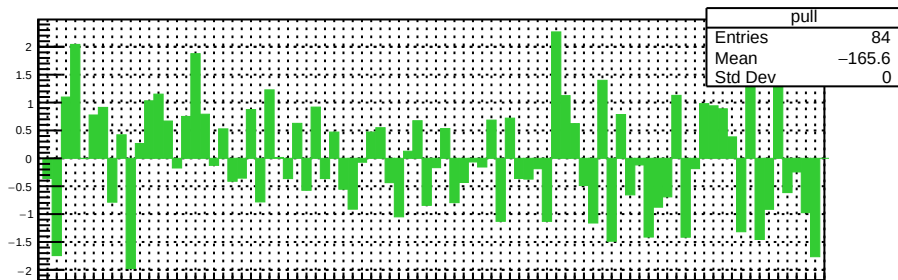
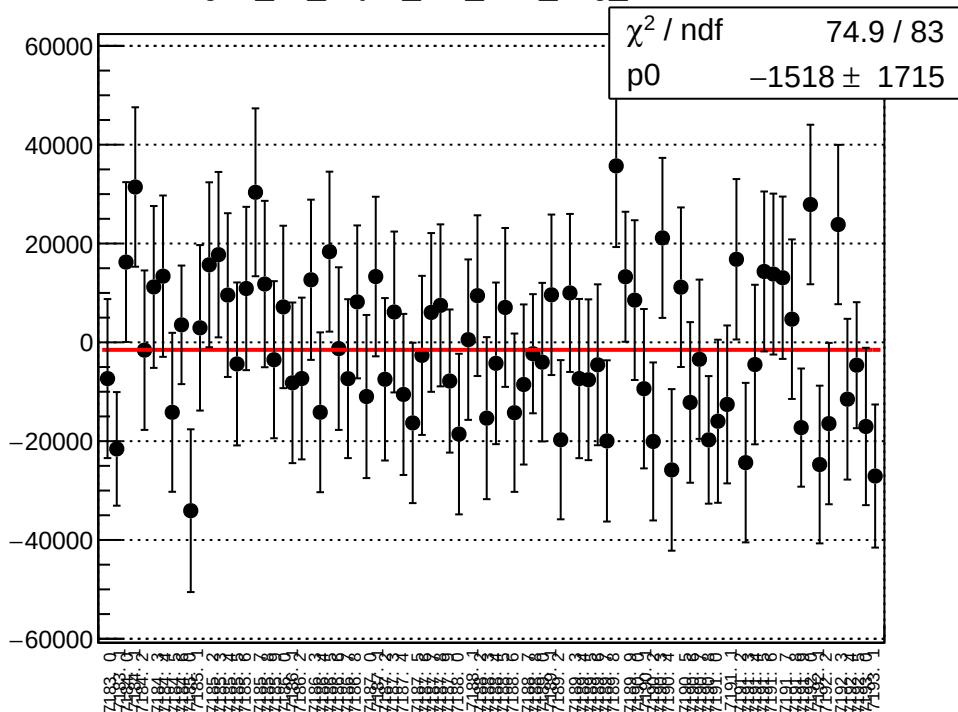
asym_usr_atr2_avg_dit_correction_mean vs run



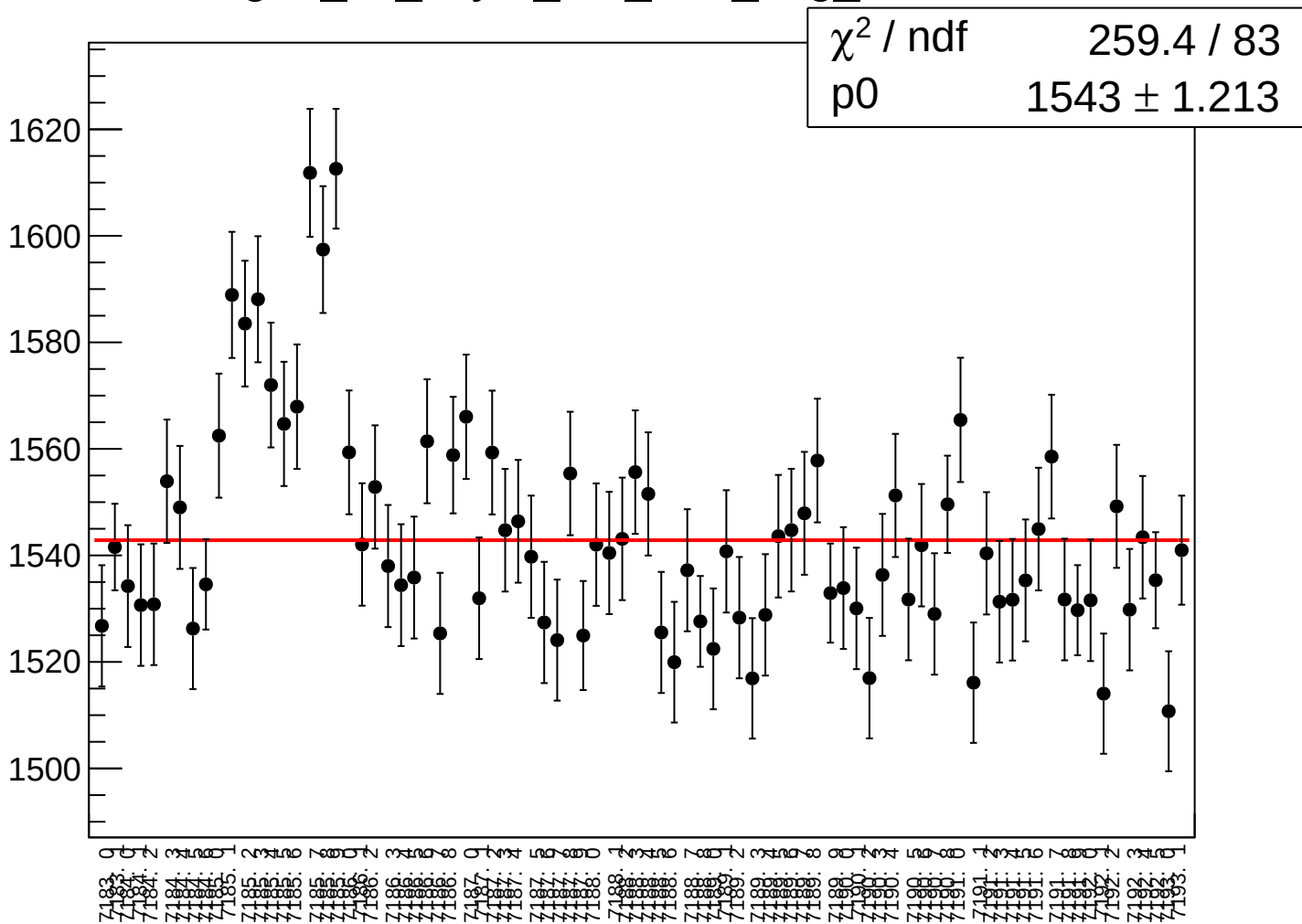
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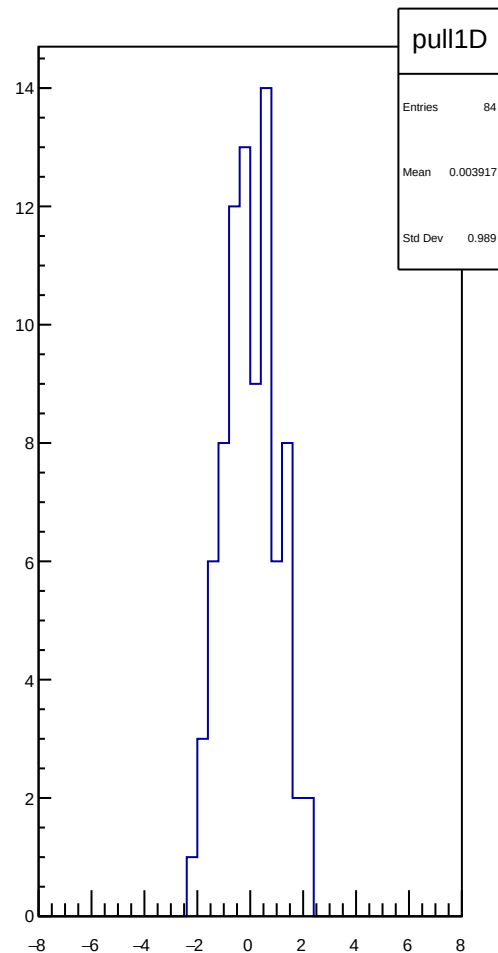
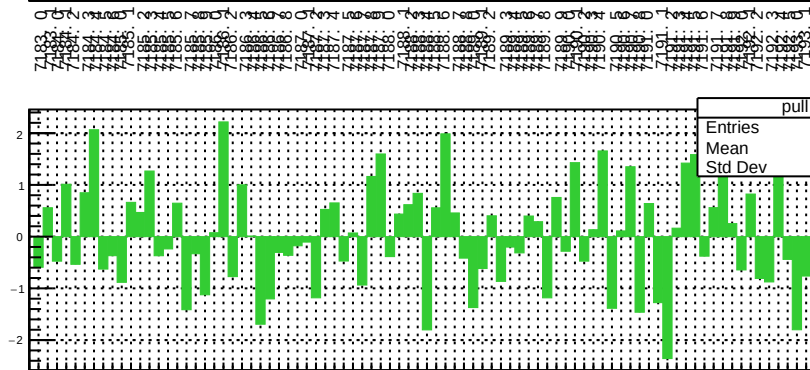
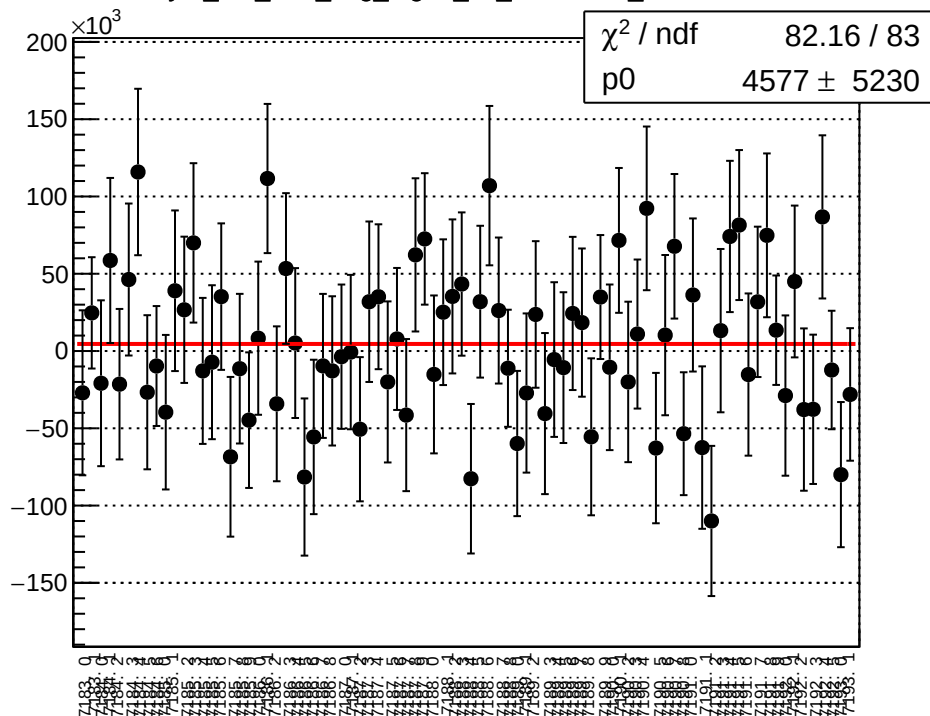
eigen_dit_asym_usr_atr2_avg_mean vs run



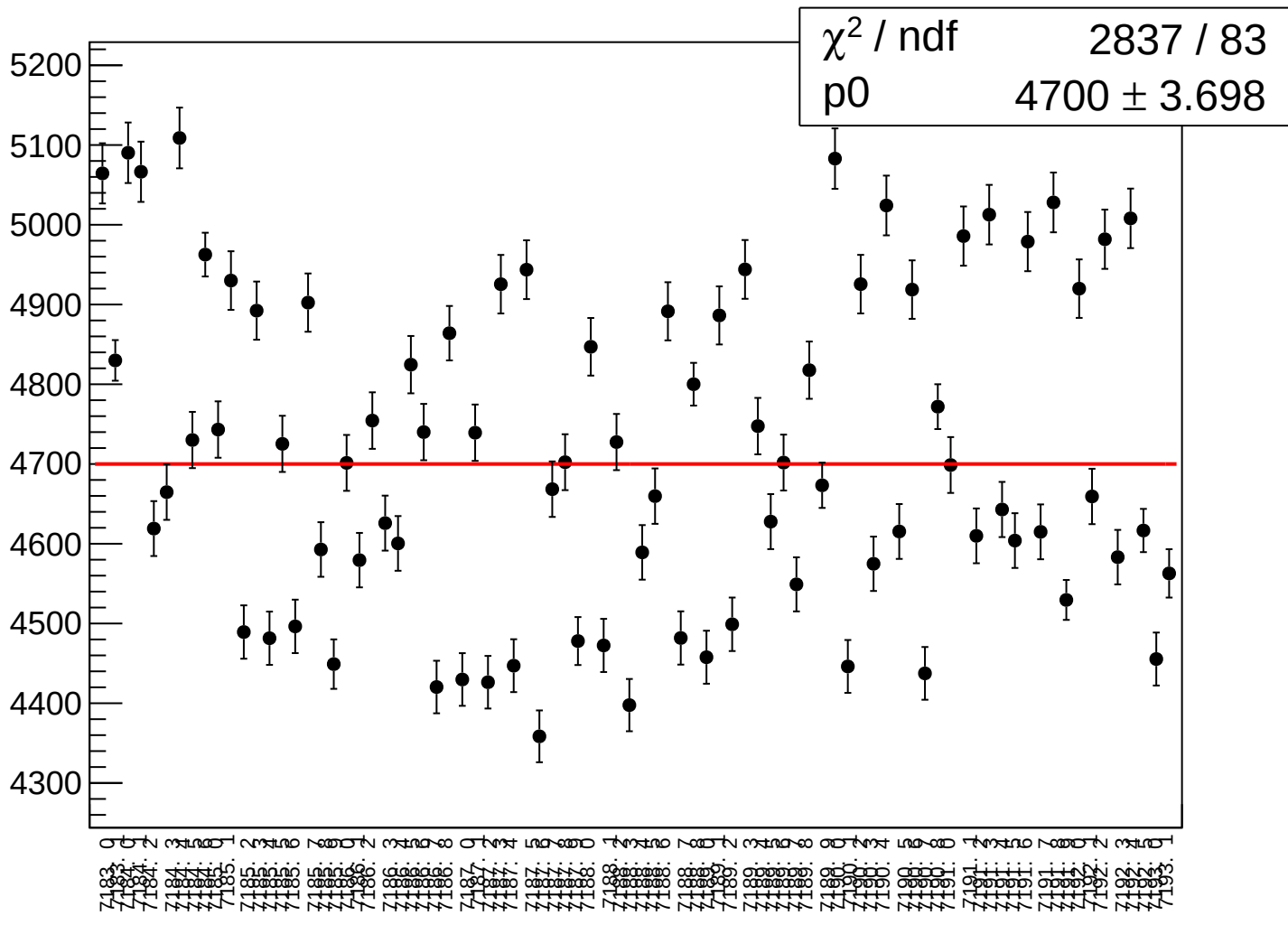
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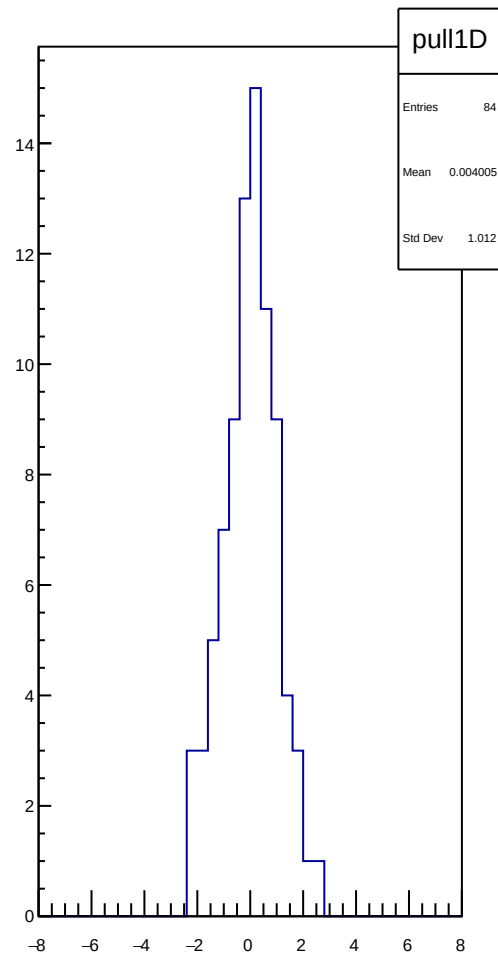
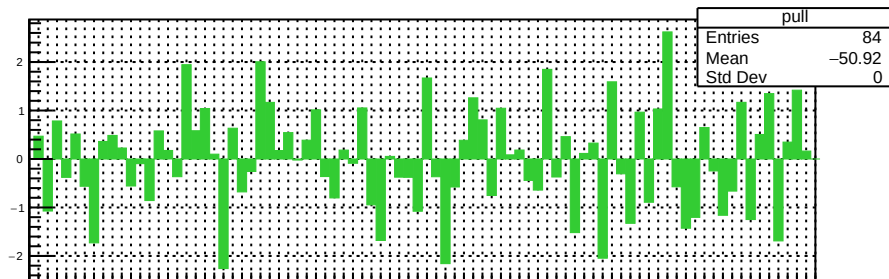
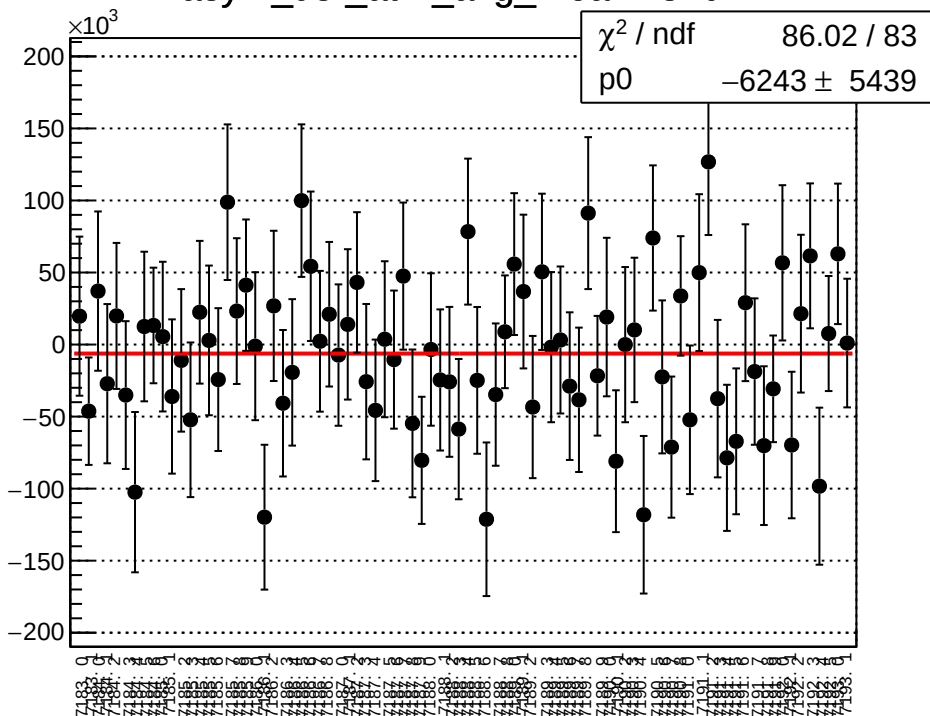
asym_usr_atr2_avg_eigen_dit_correction_mean vs run



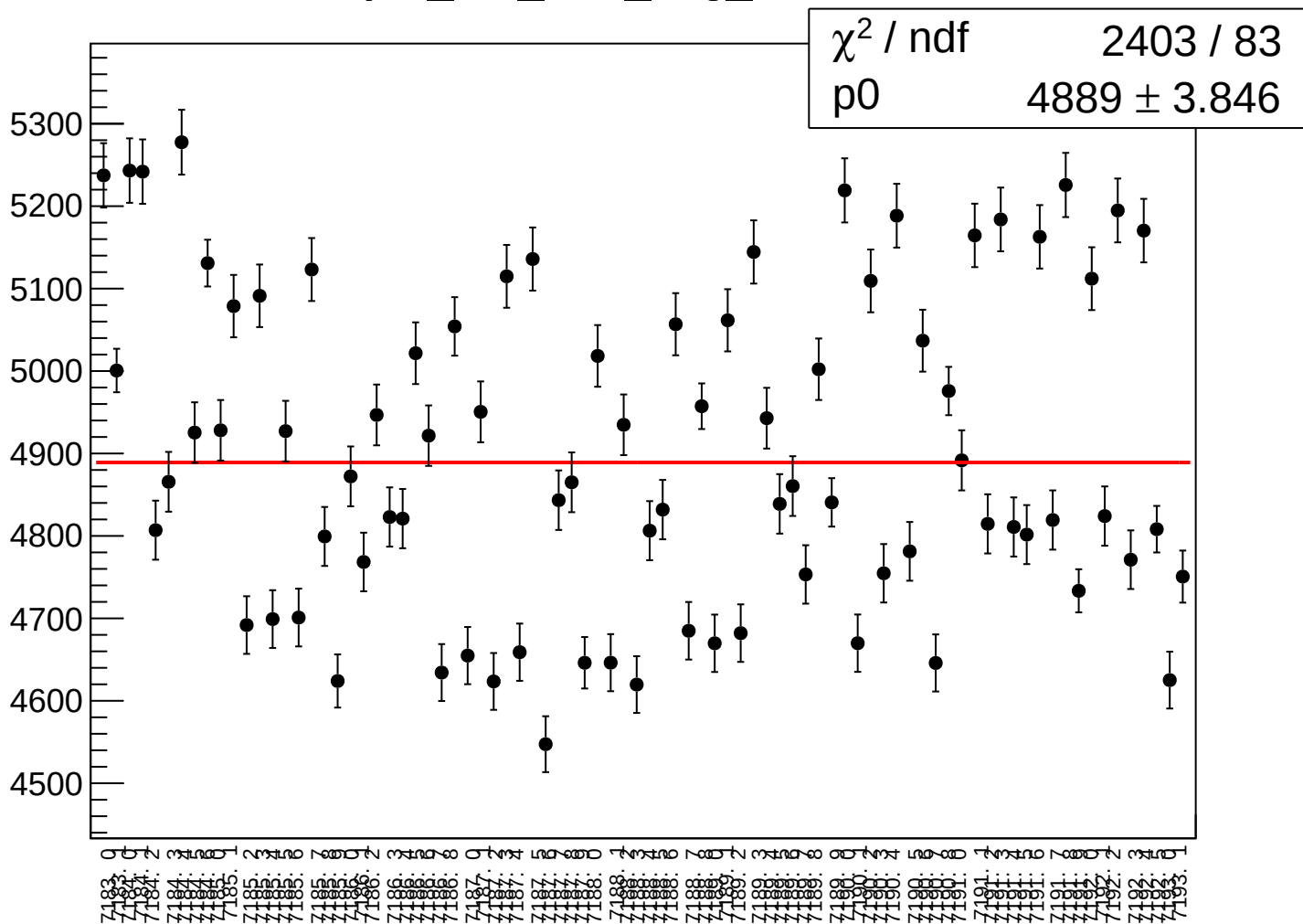
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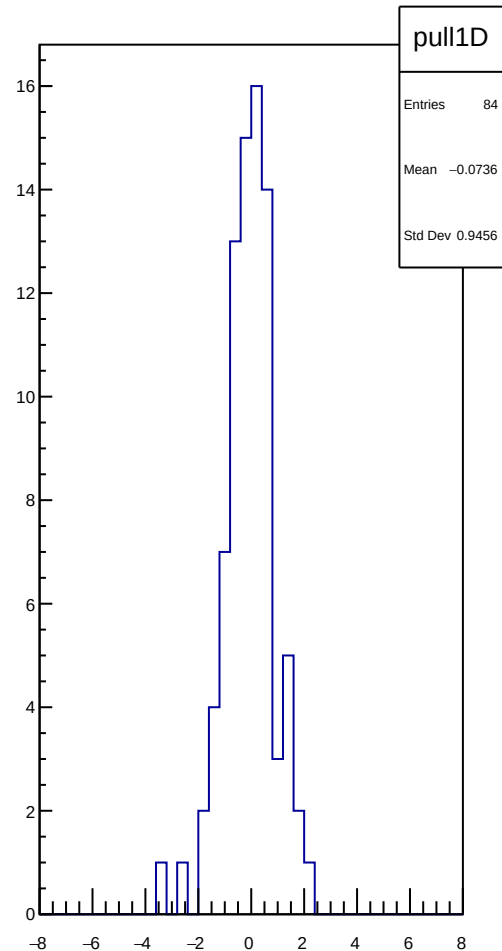
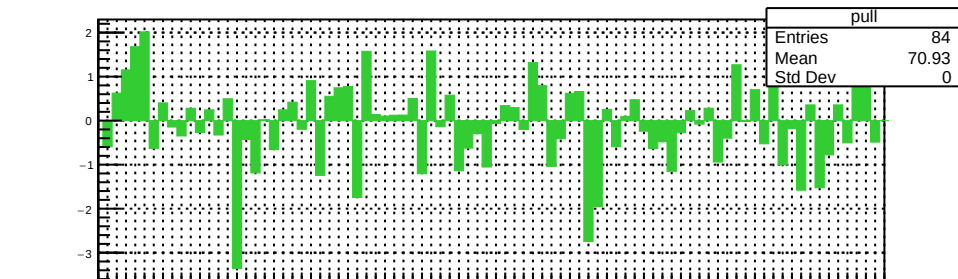
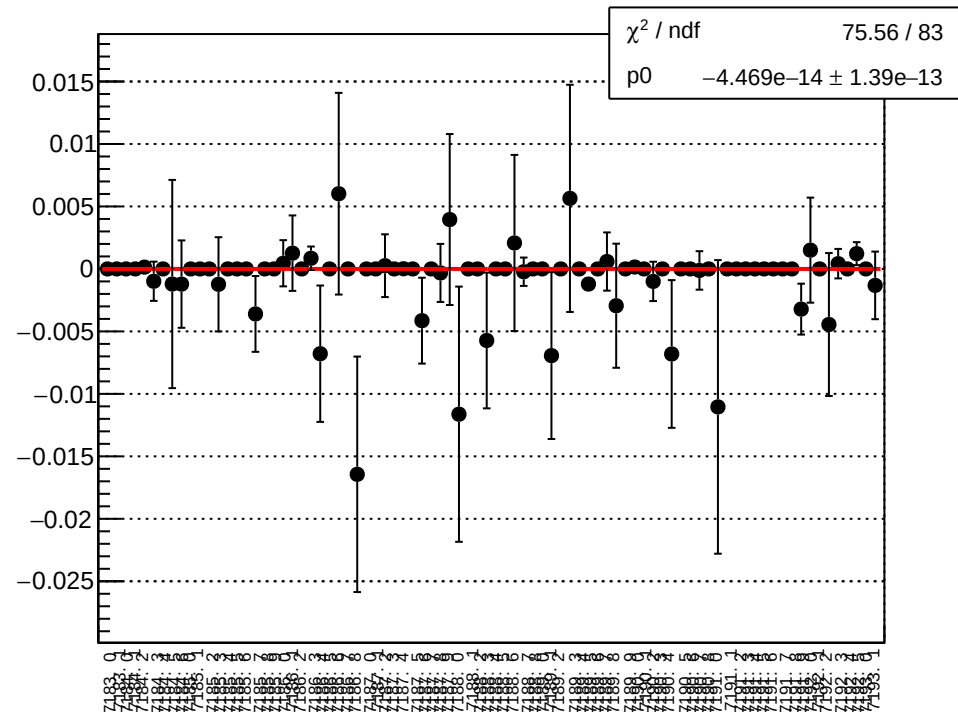
asym_usr_atr2_avg_mean vs run



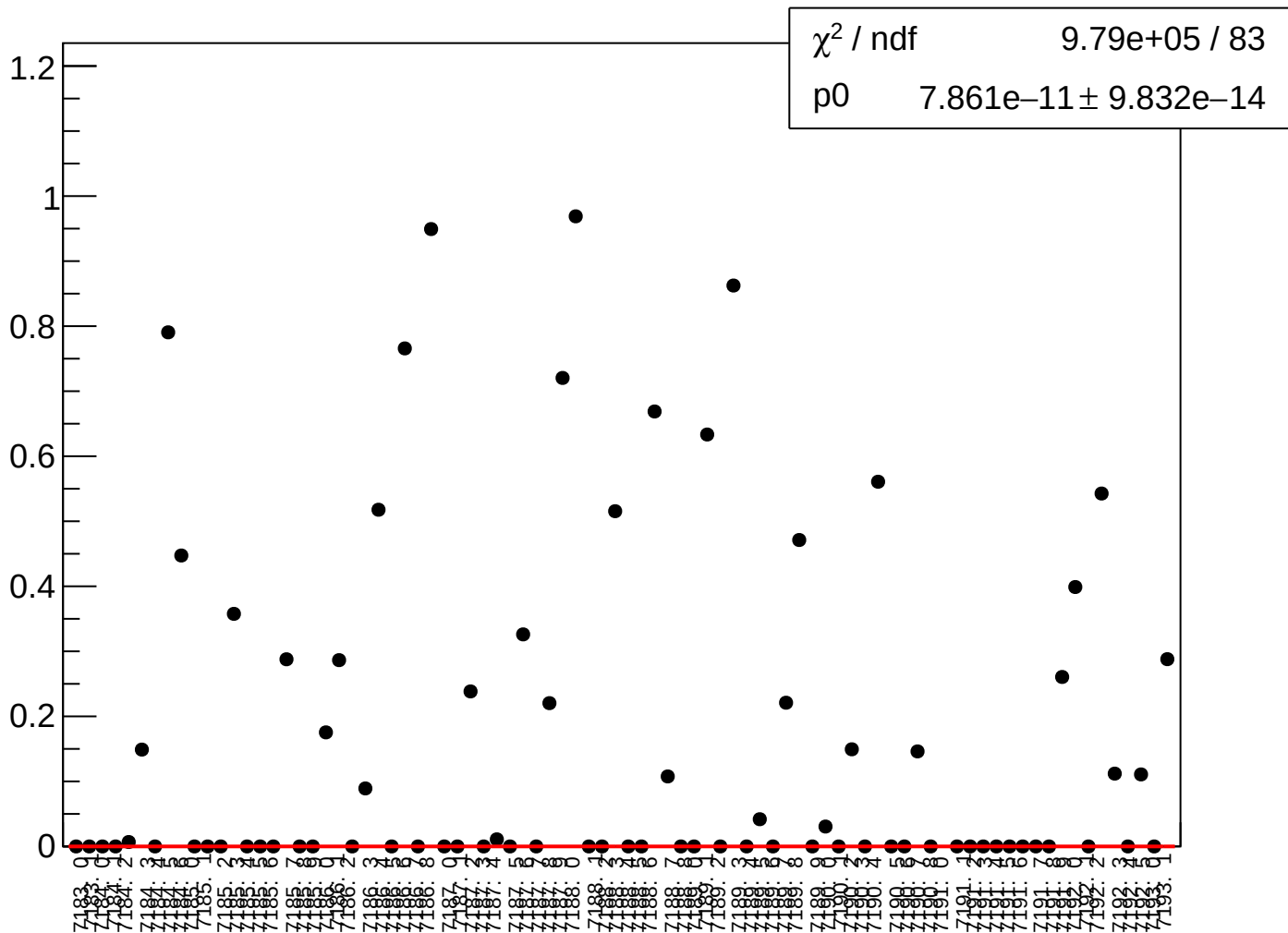
asym_usr_atr2_avg_rms vs run



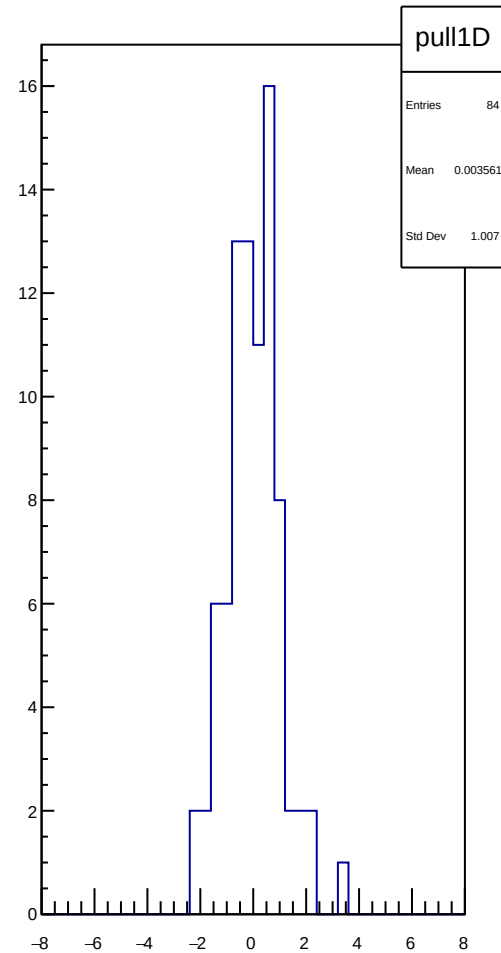
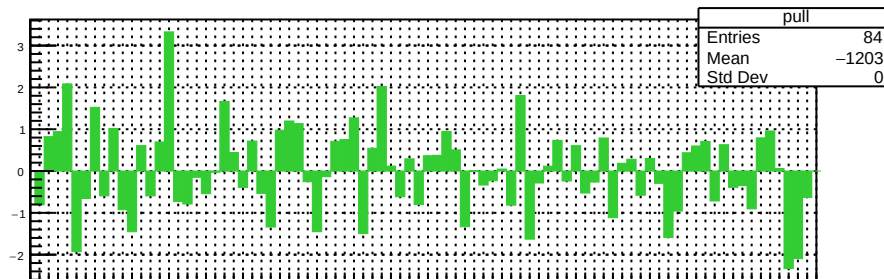
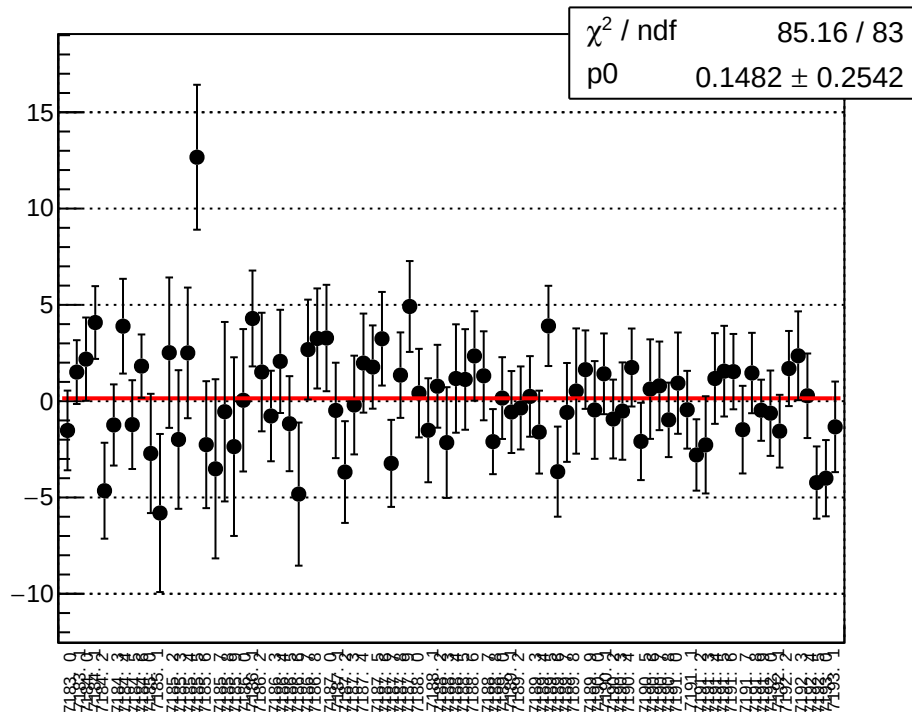
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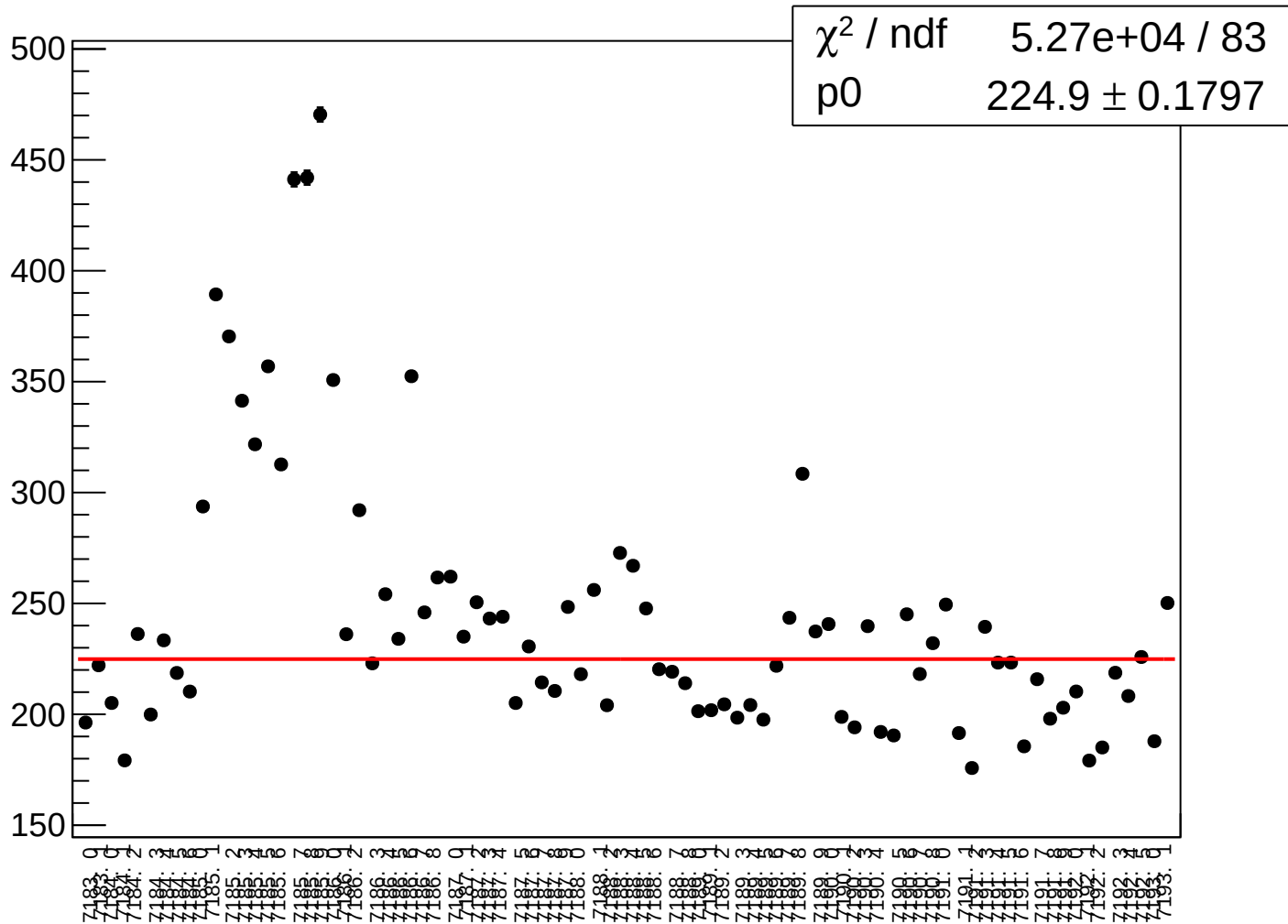
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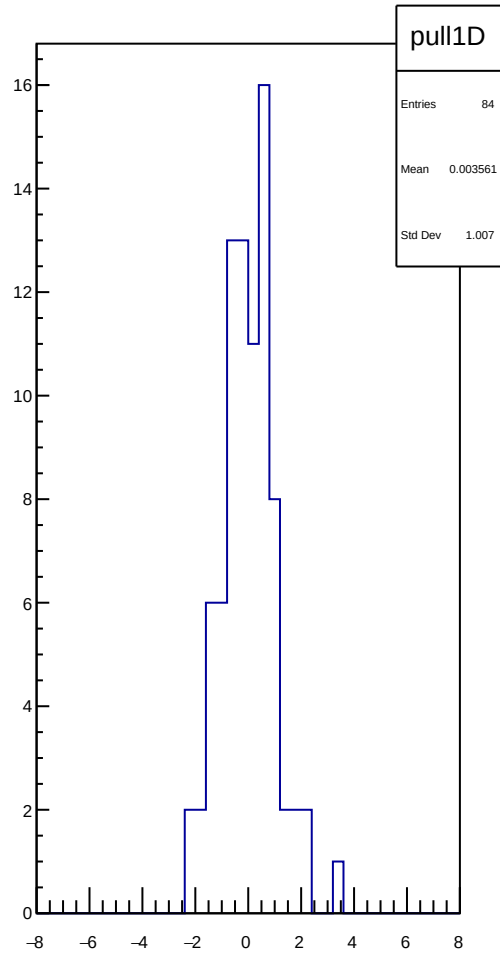
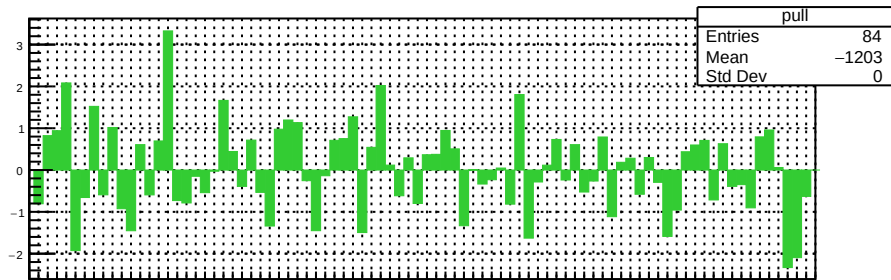
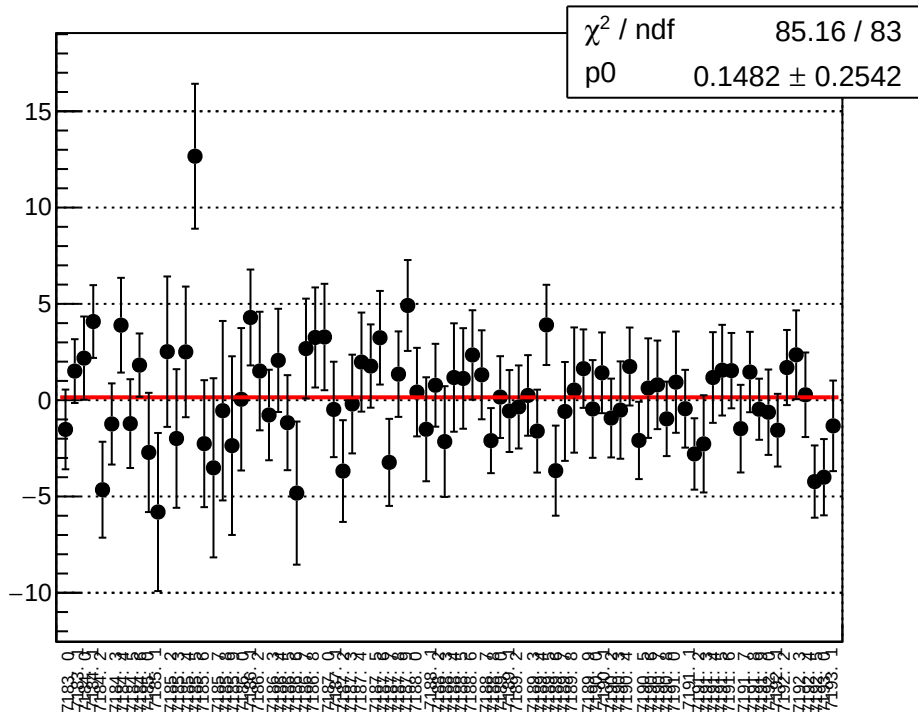
asym_usr_atr2_avg_dit_vs_cor_diff_mean vs run



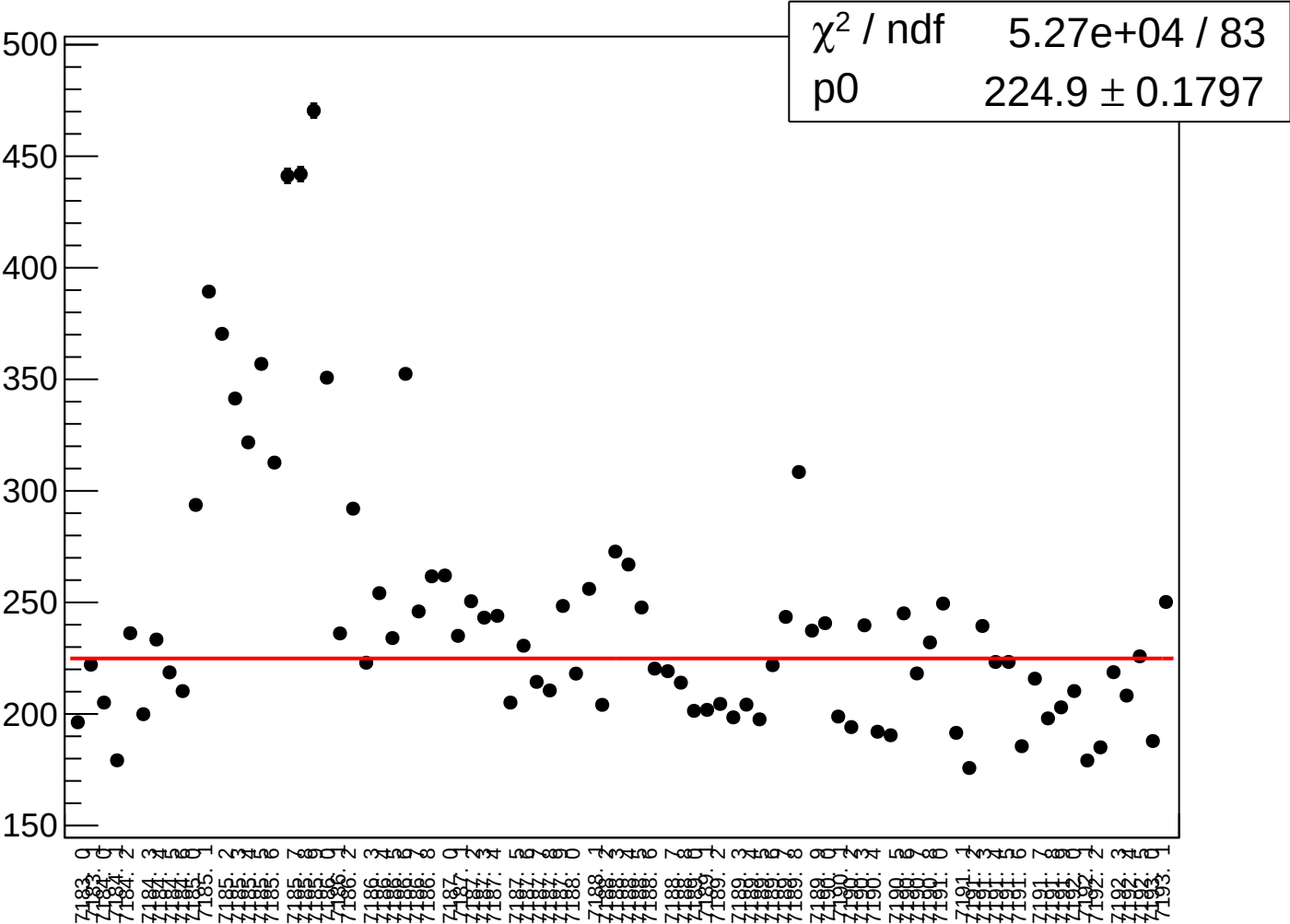
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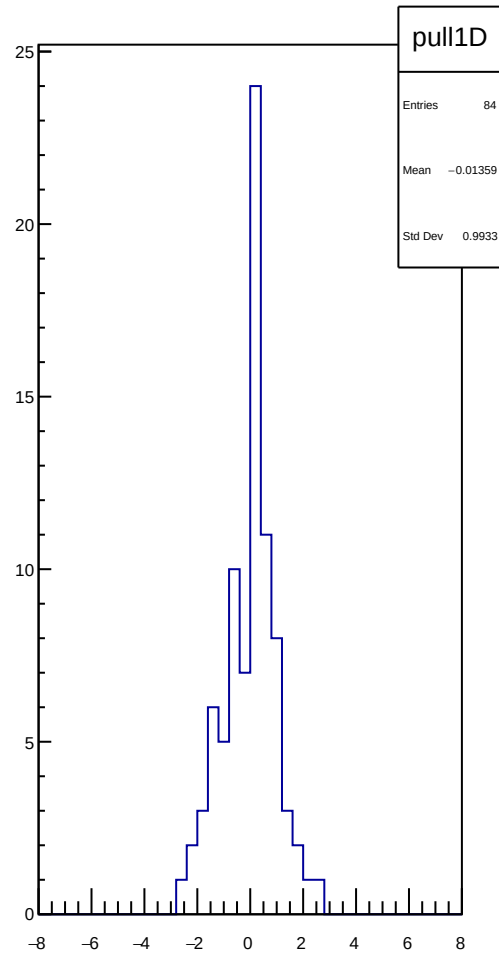
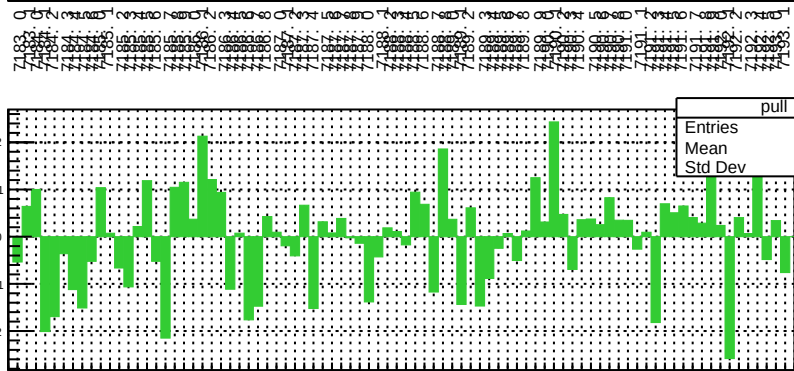
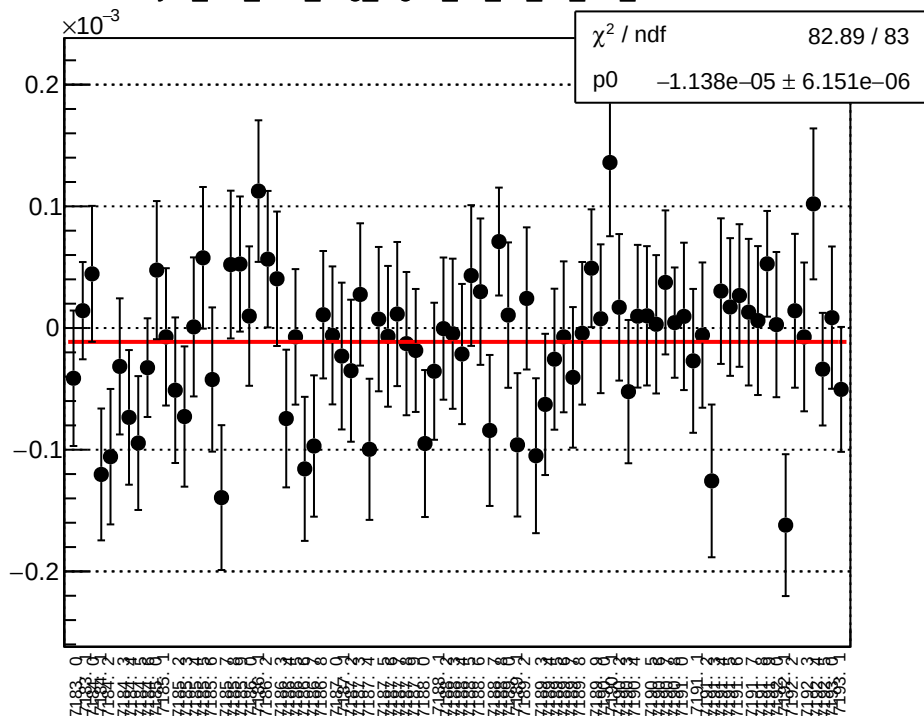
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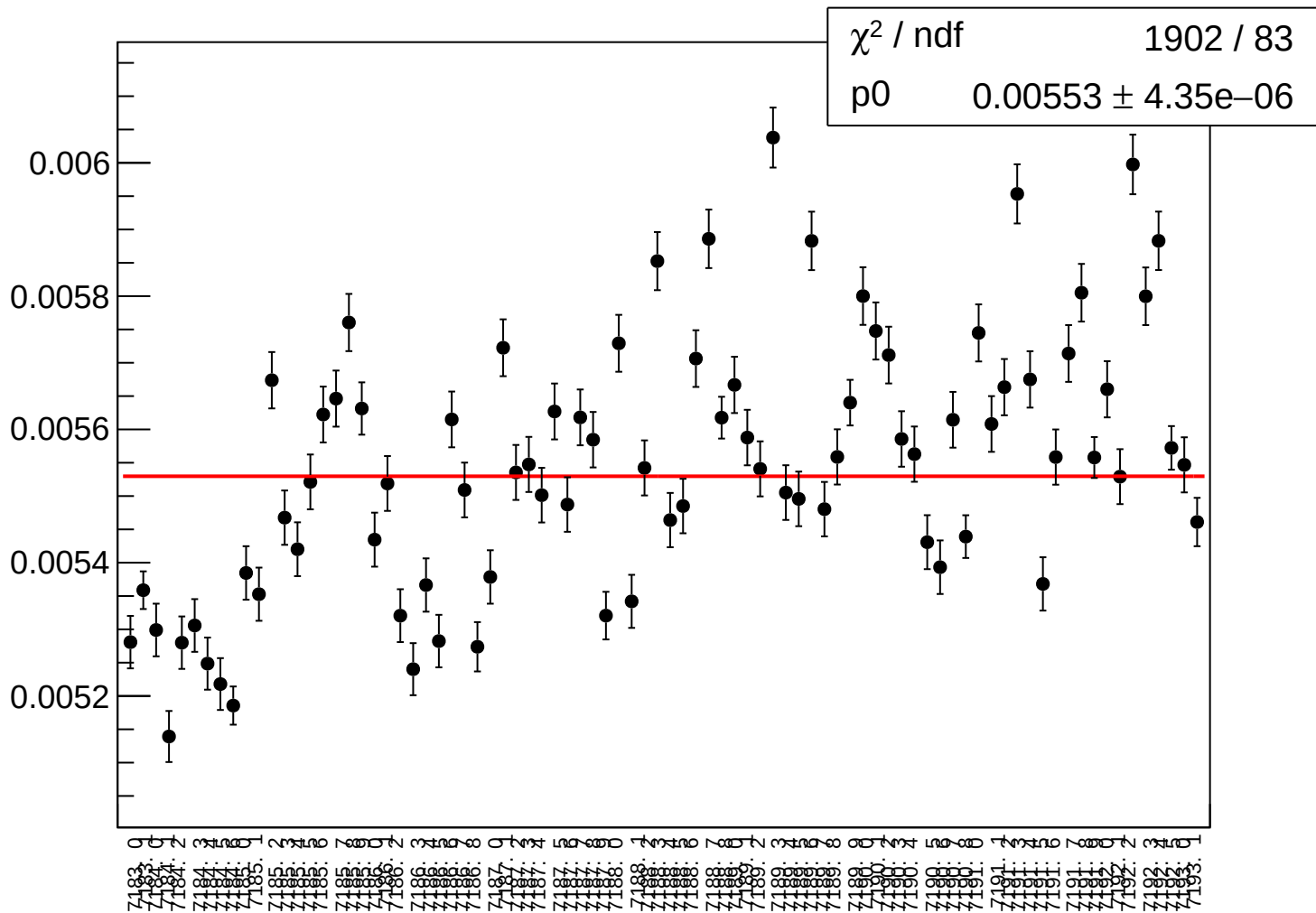
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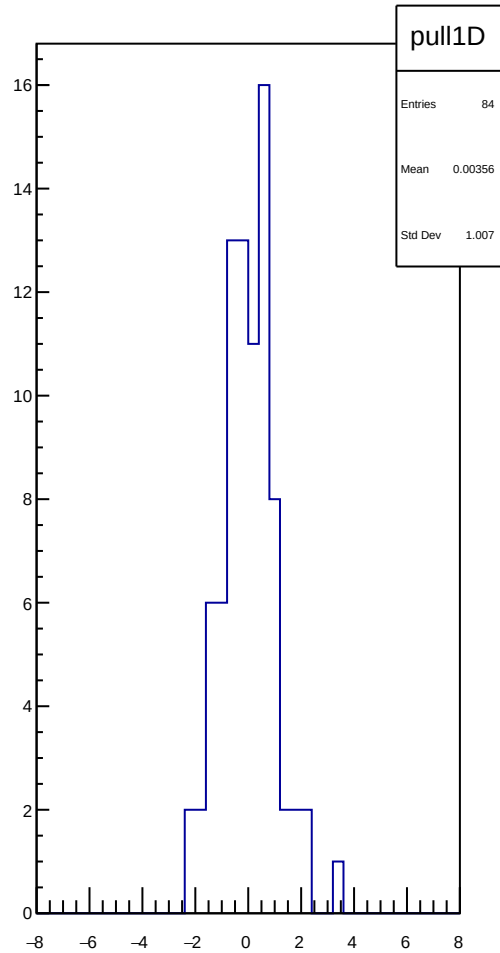
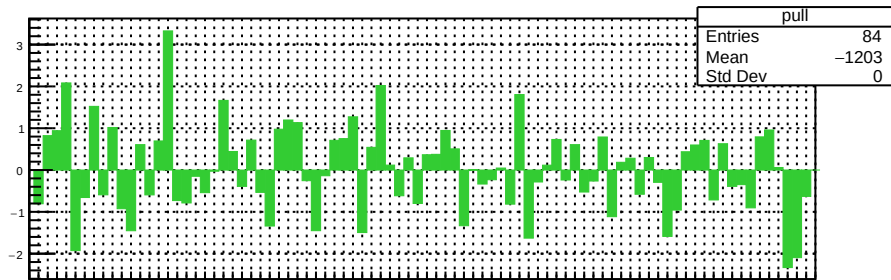
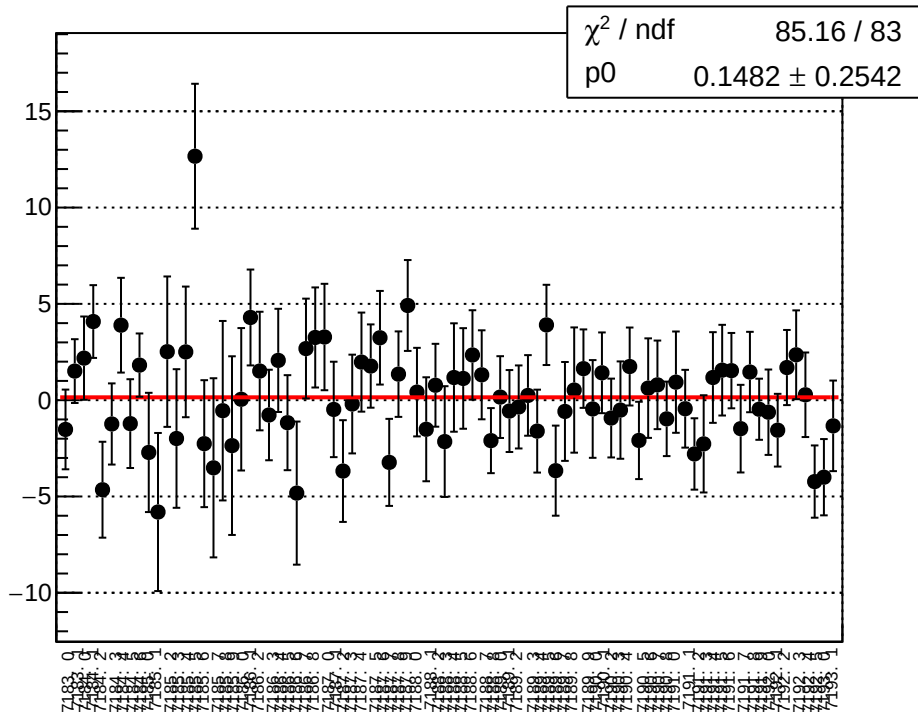
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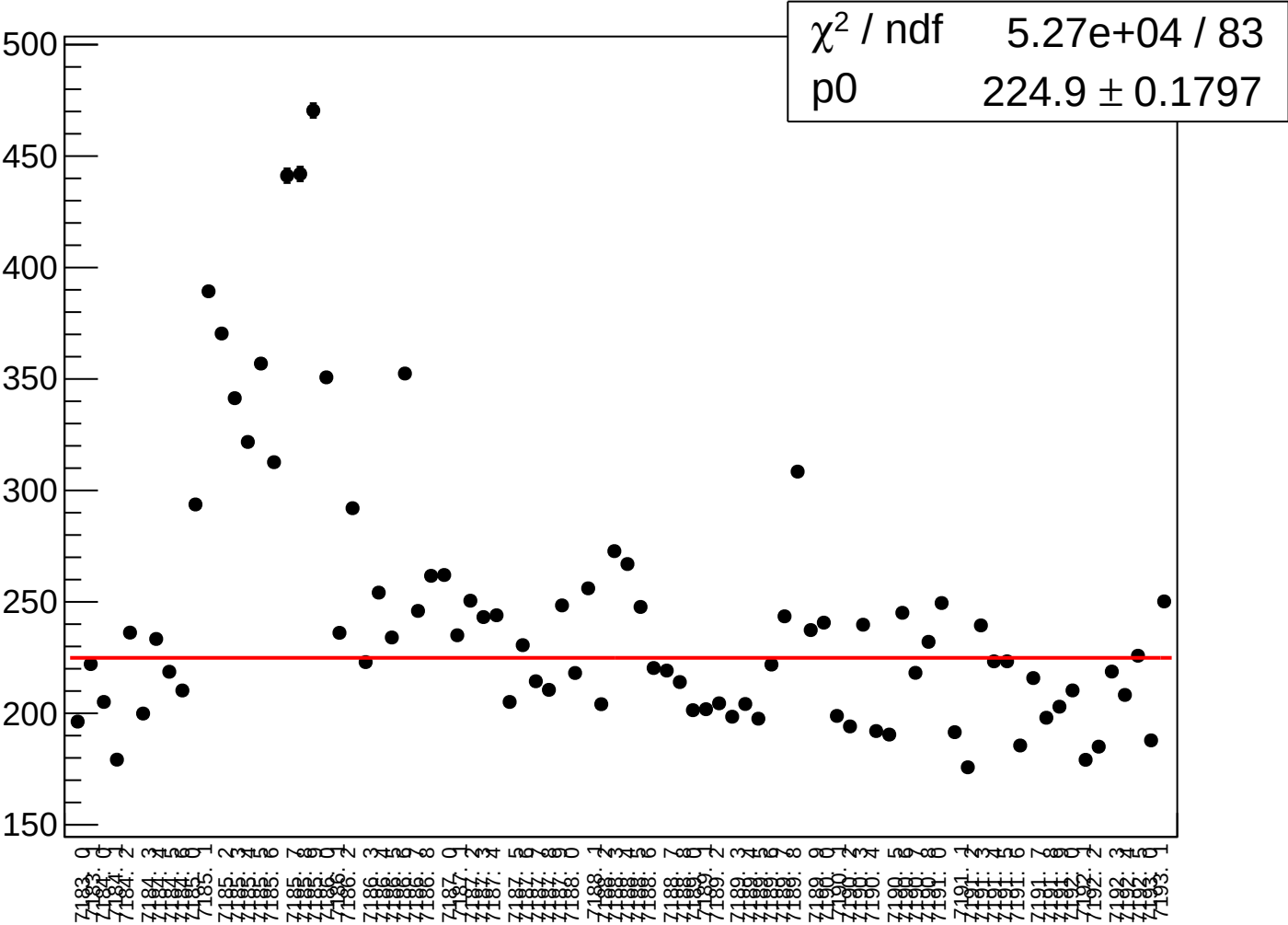
asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs run



asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs run

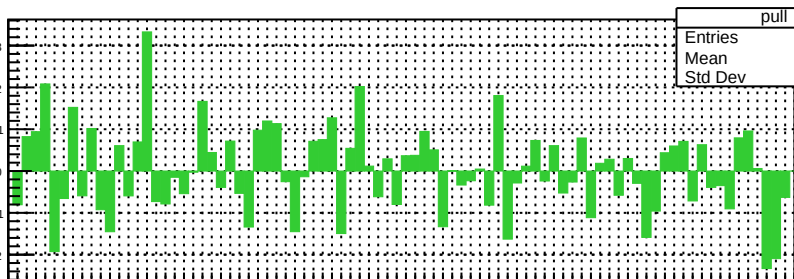
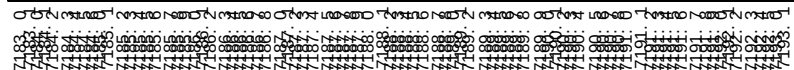


asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs run



χ^2 / ndf 85.16
 p_0 0.1482 ± 0.0014

85.16 / 83

$$0.1482 \pm 0.2542$$


pull

Entries

Mean

Std Dev

pull1D

Entries

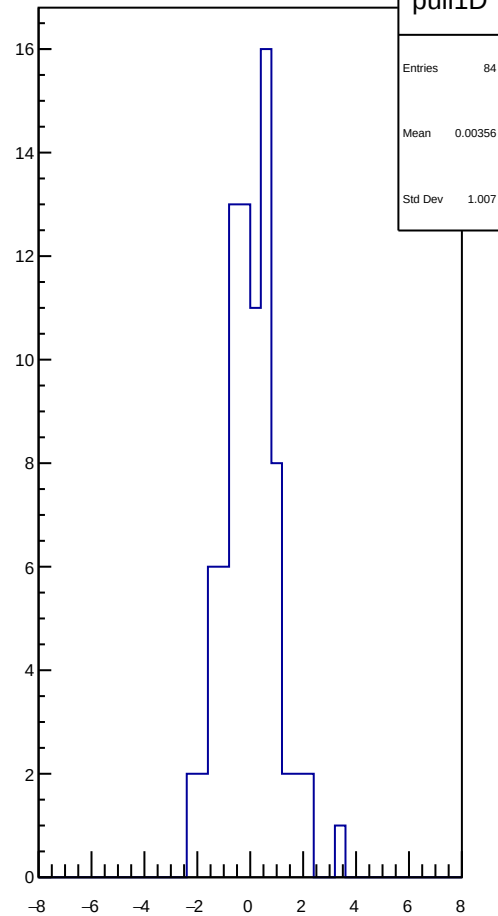
84

Mean

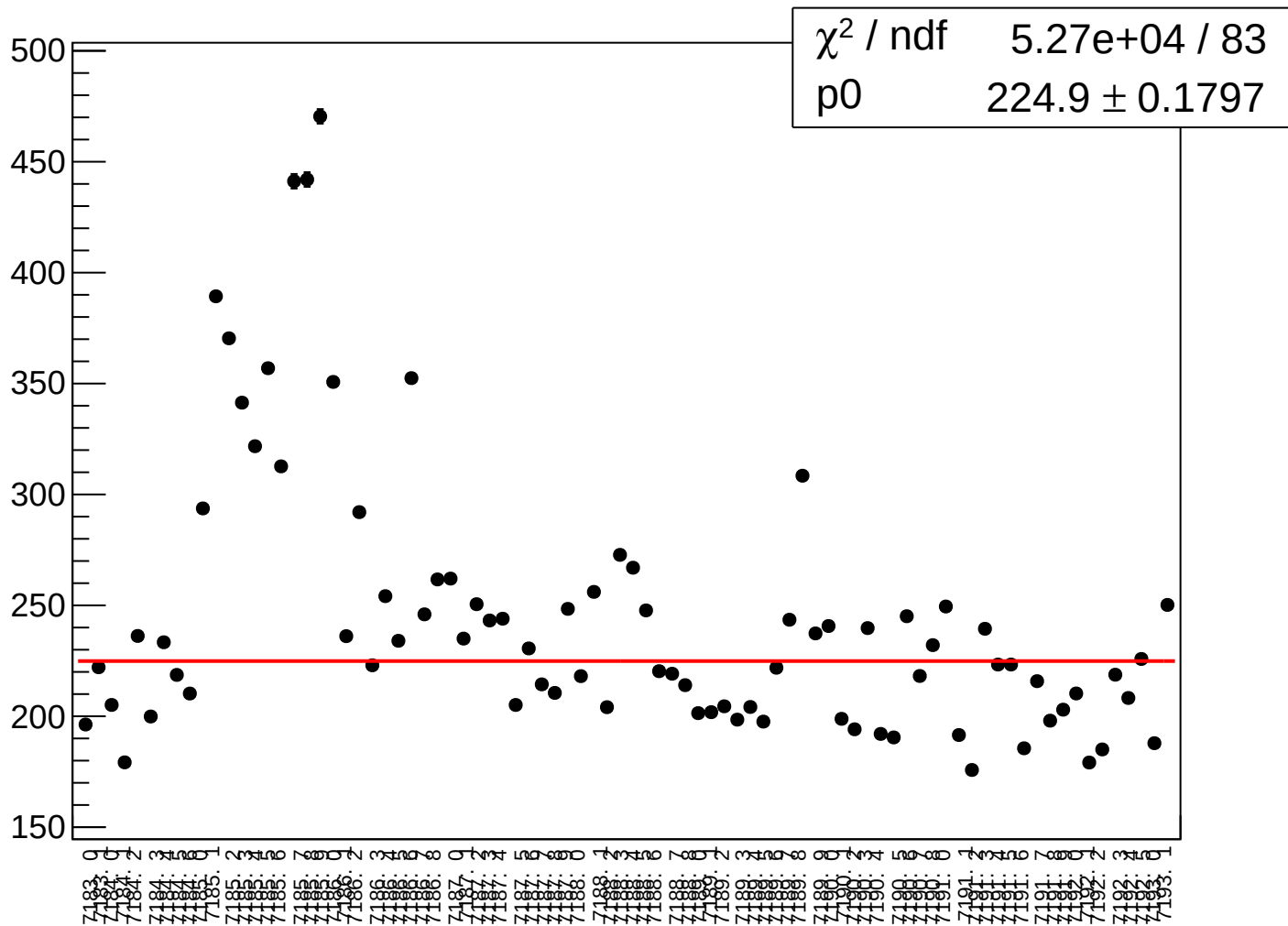
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Std Dev

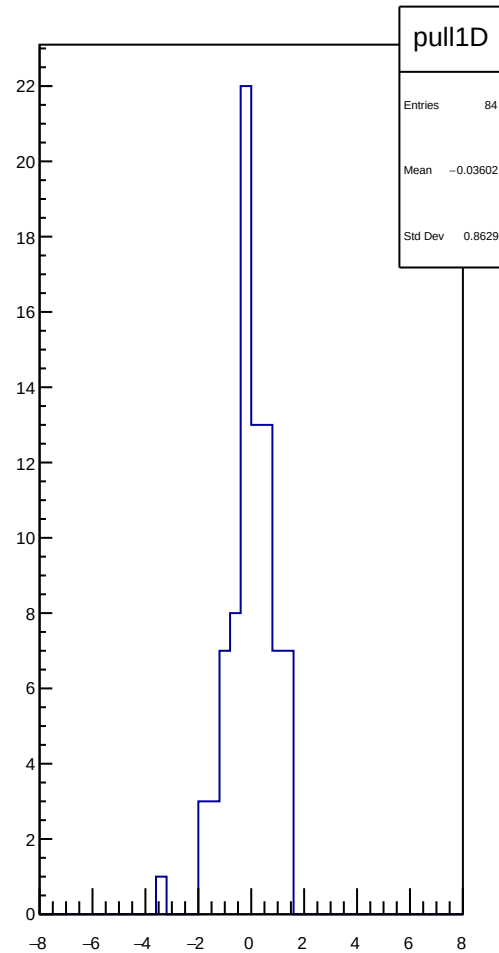
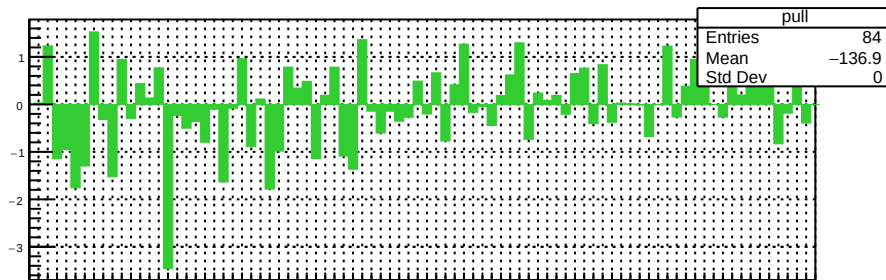
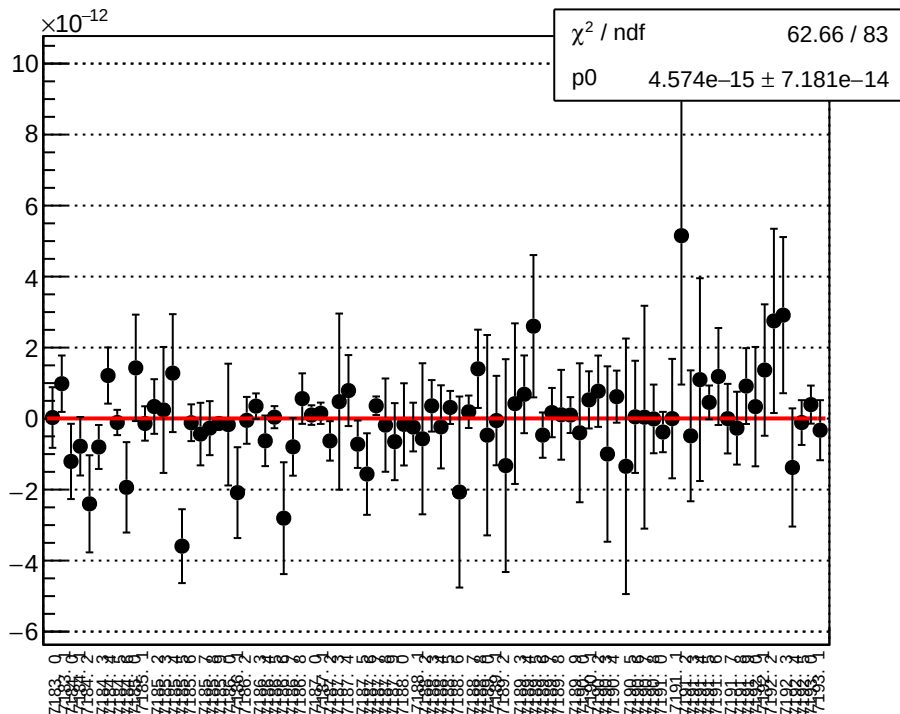
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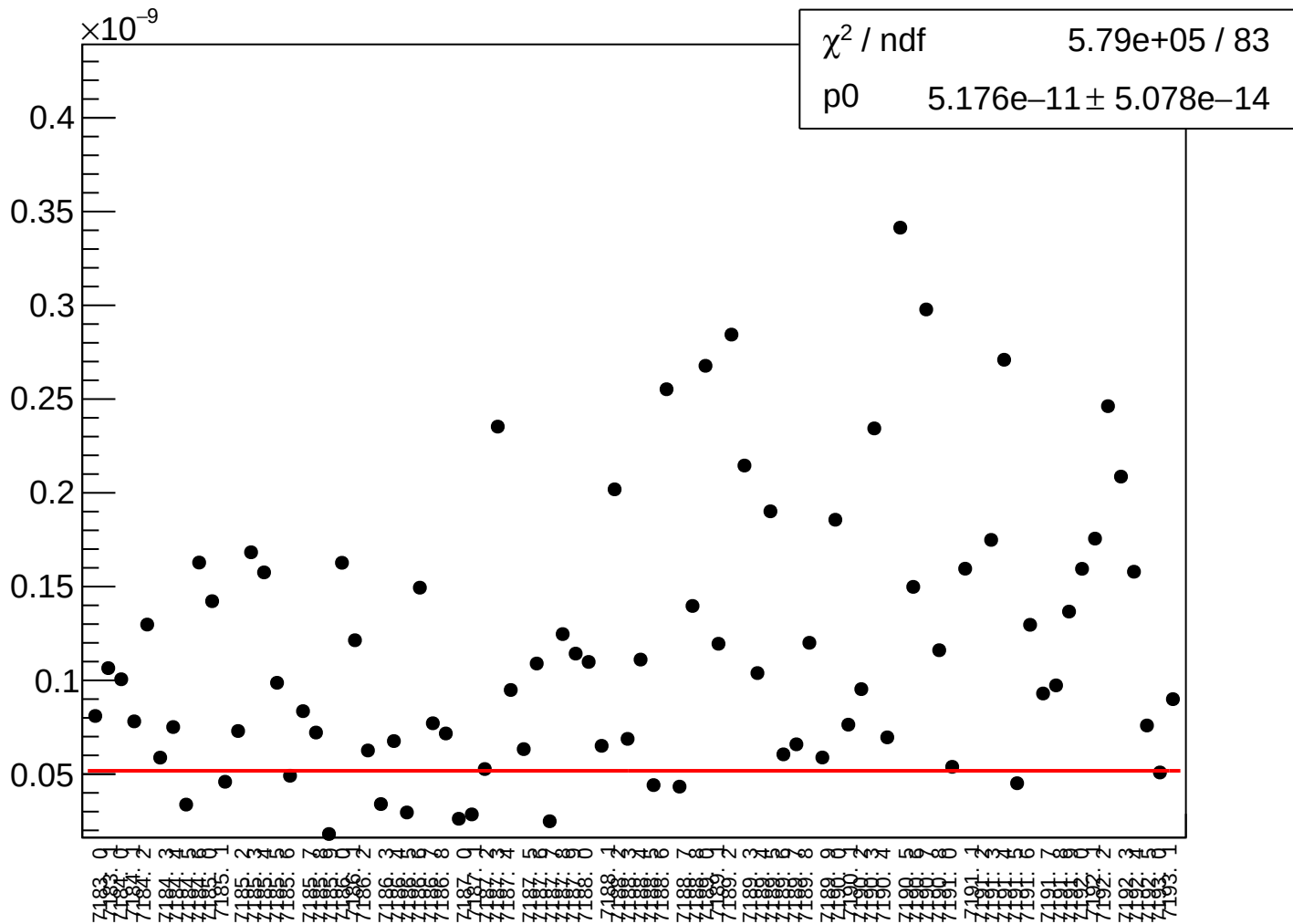
asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



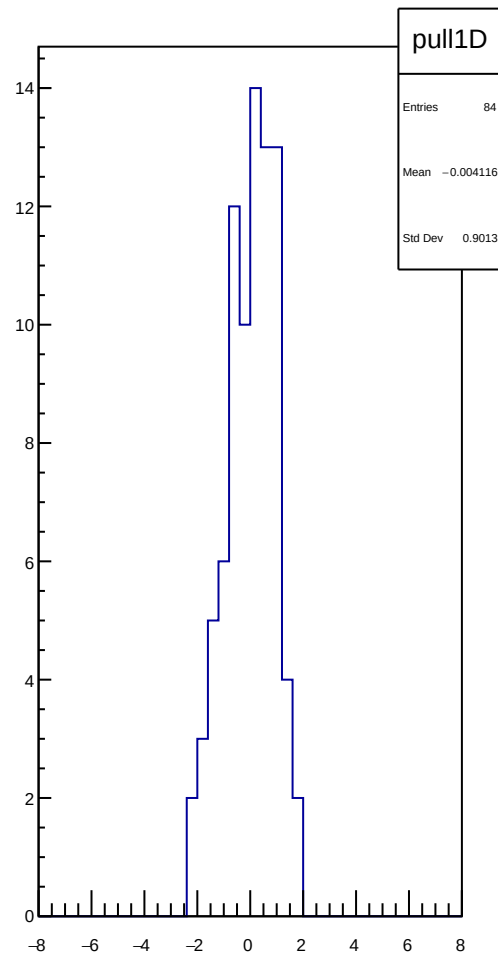
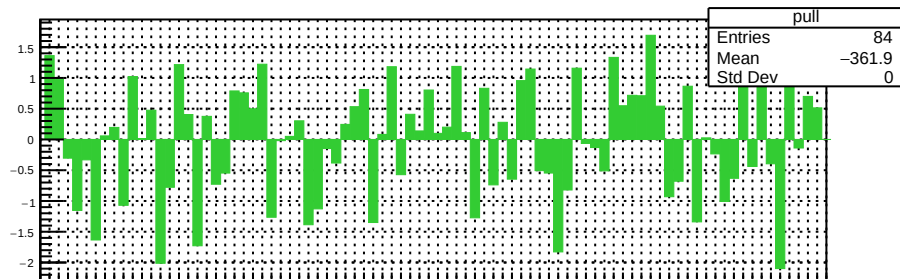
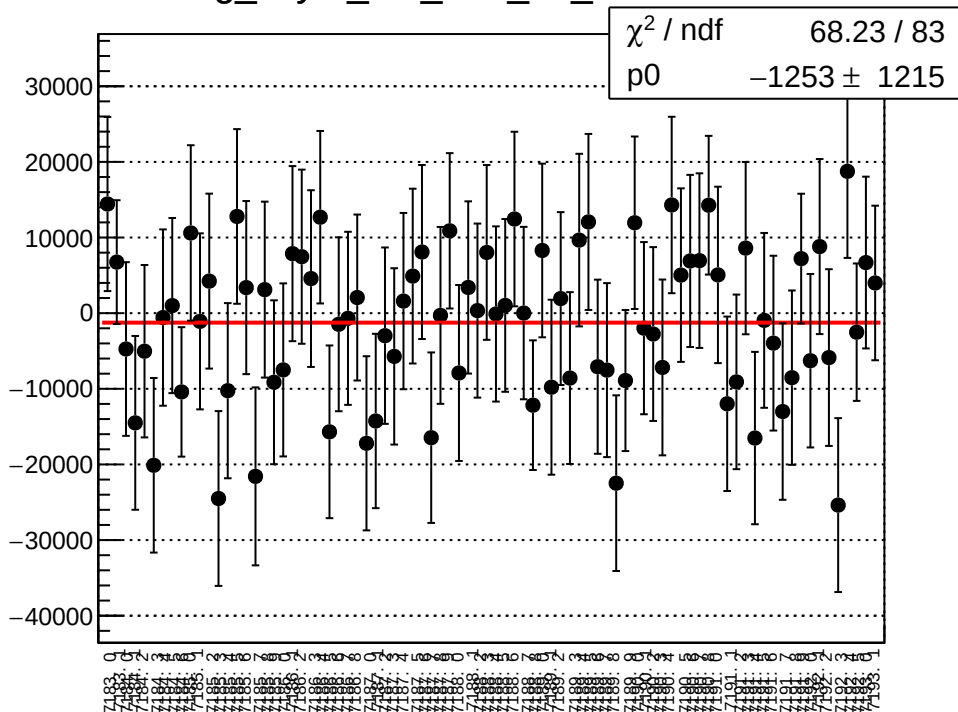
asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs run



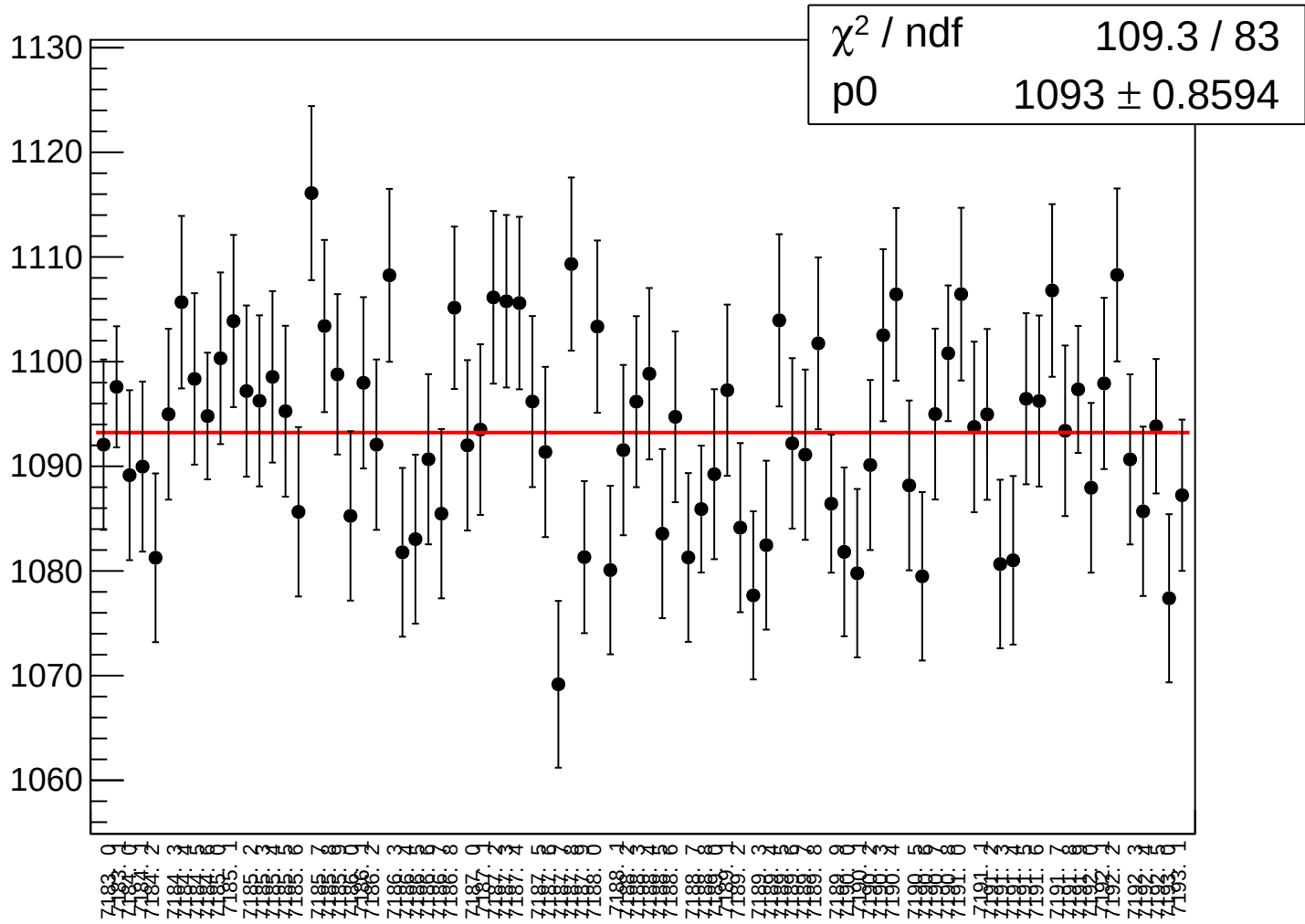
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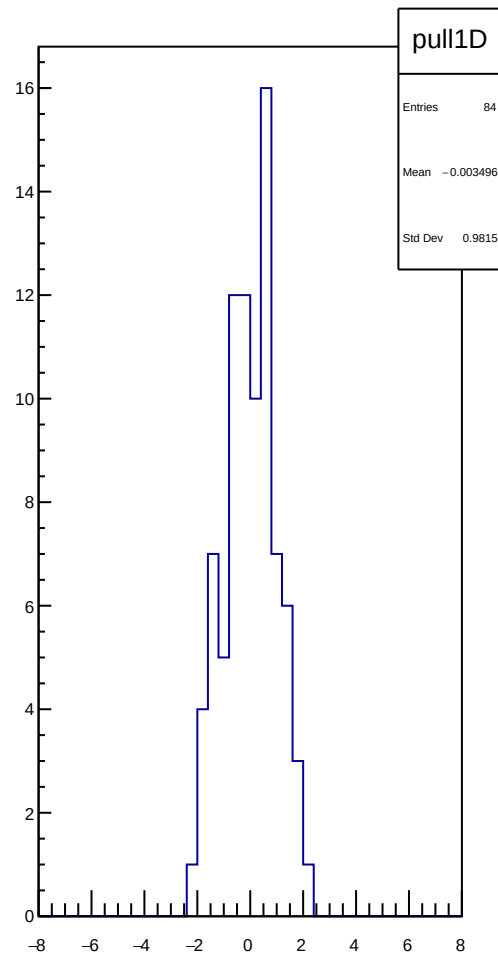
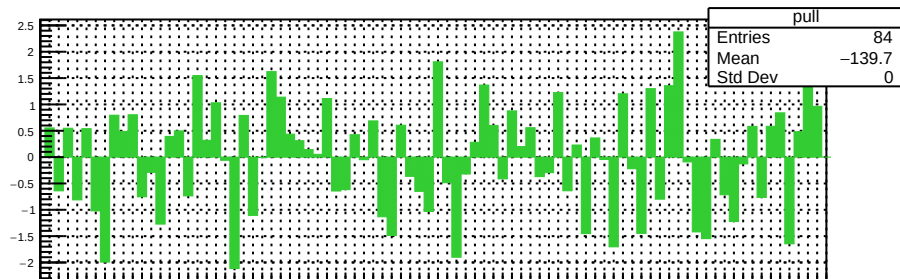
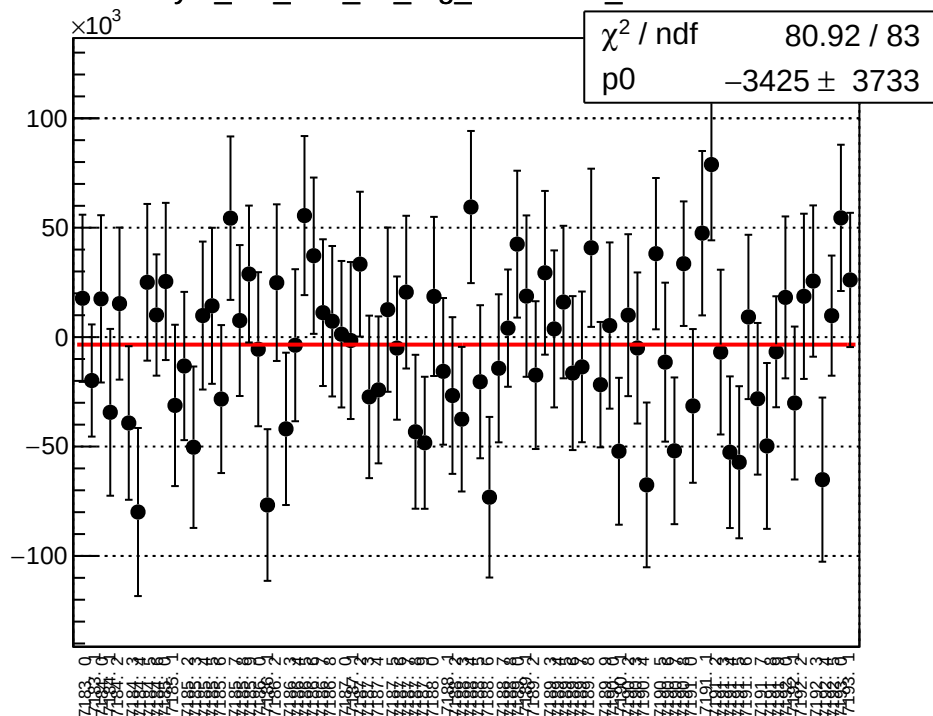
reg_asym_usr_atr2_dd_mean vs run



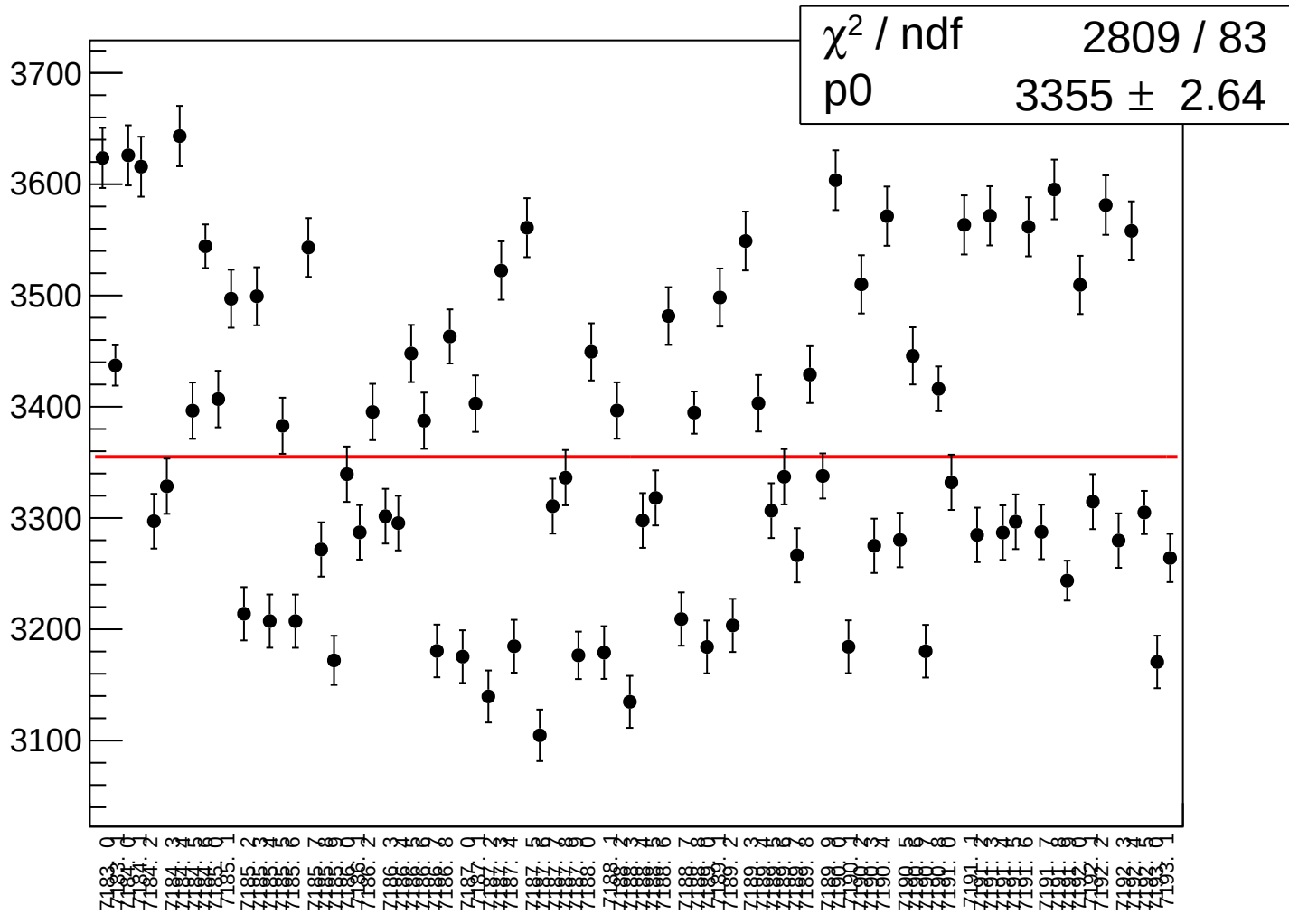
reg_asym_usr_atr2_dd_rms vs run



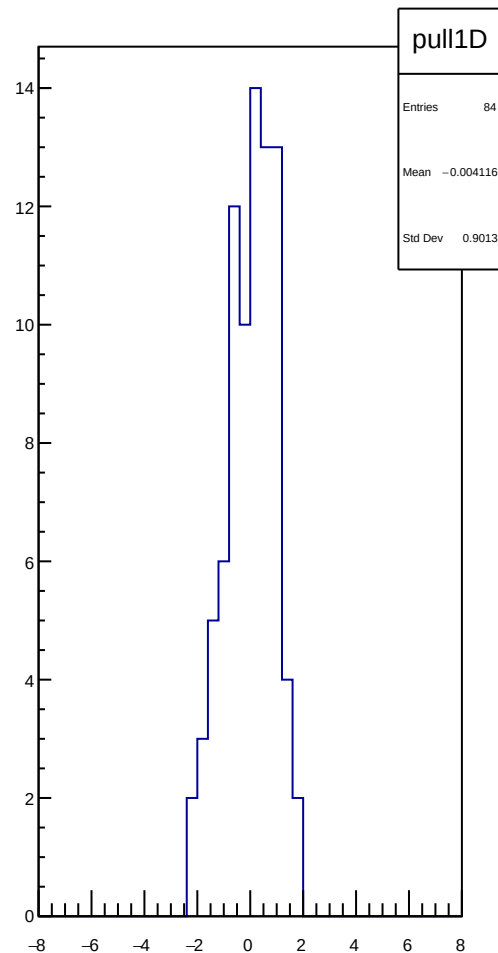
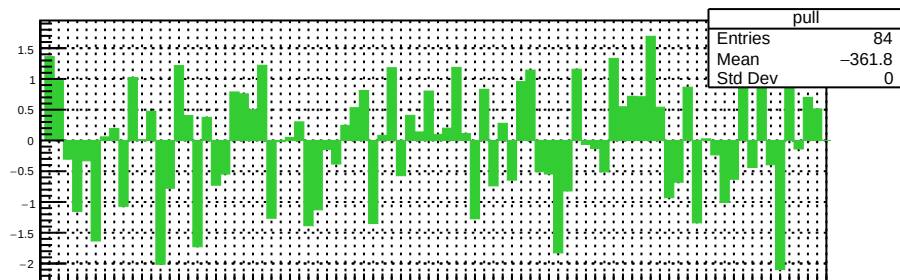
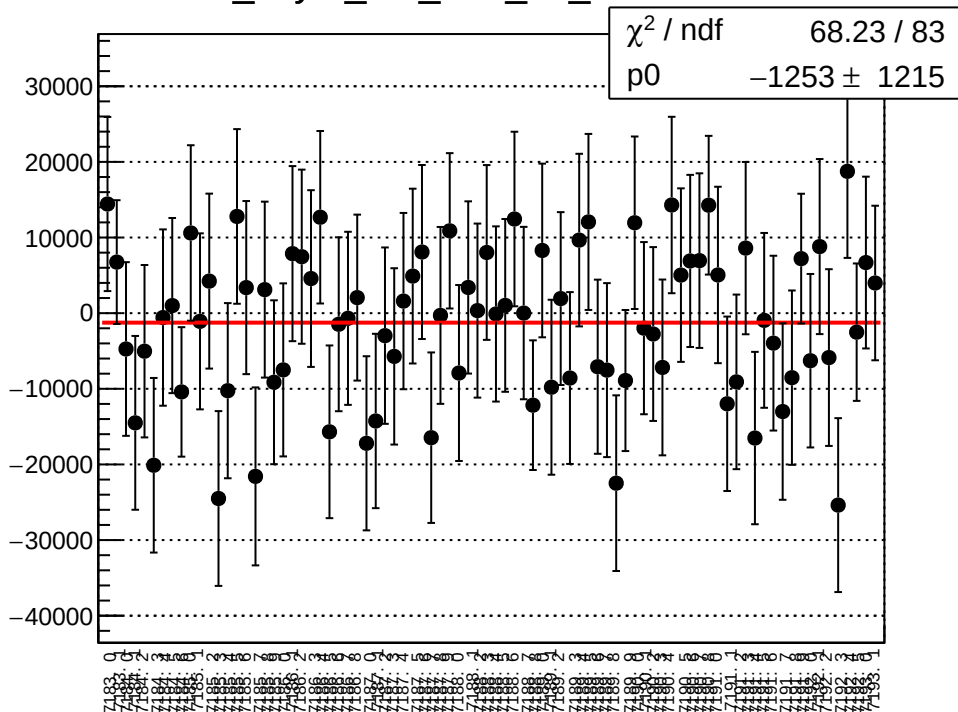
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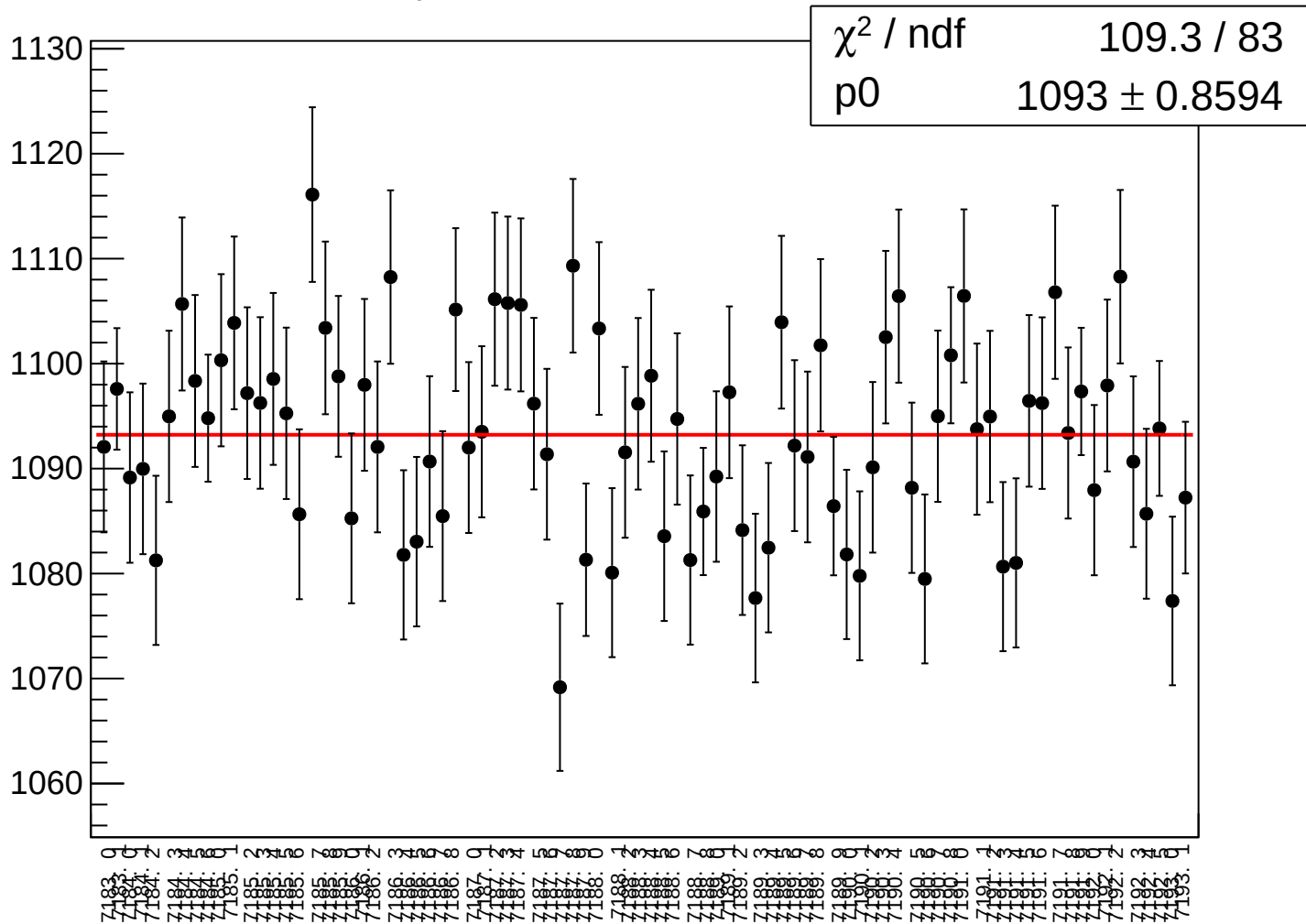
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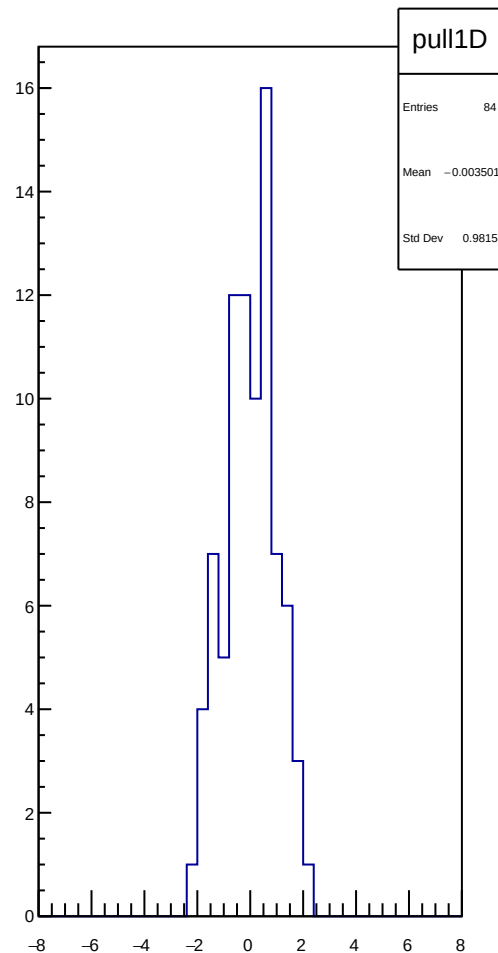
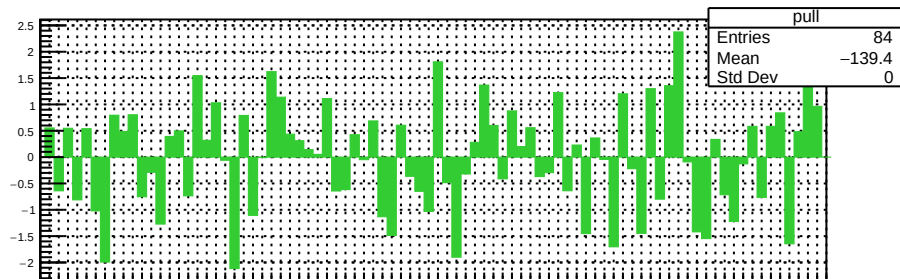
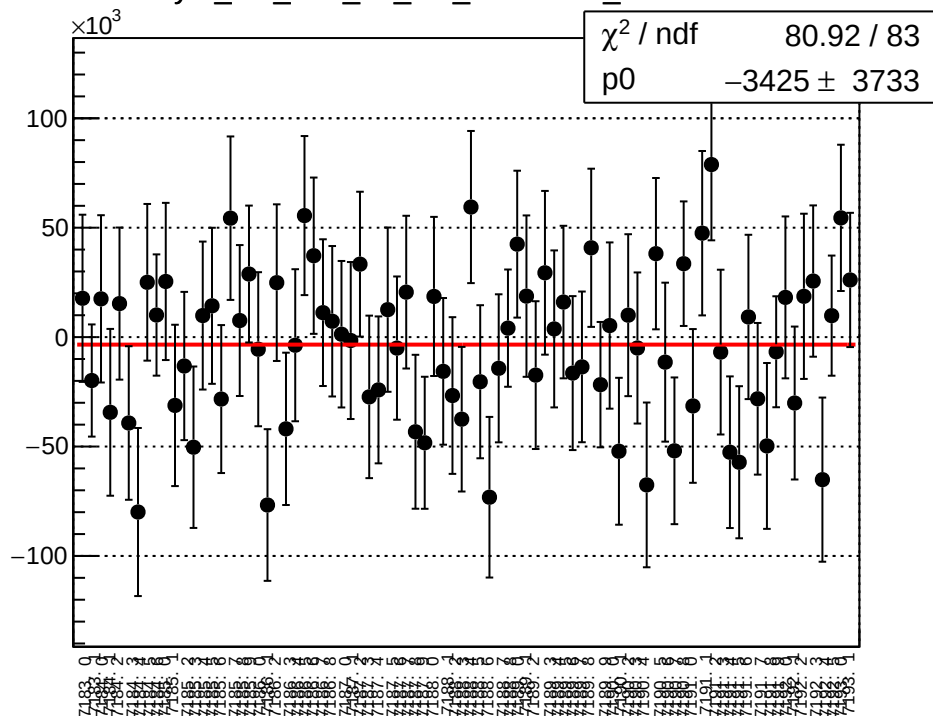
cor_asym_usr_atr2_dd_mean vs run



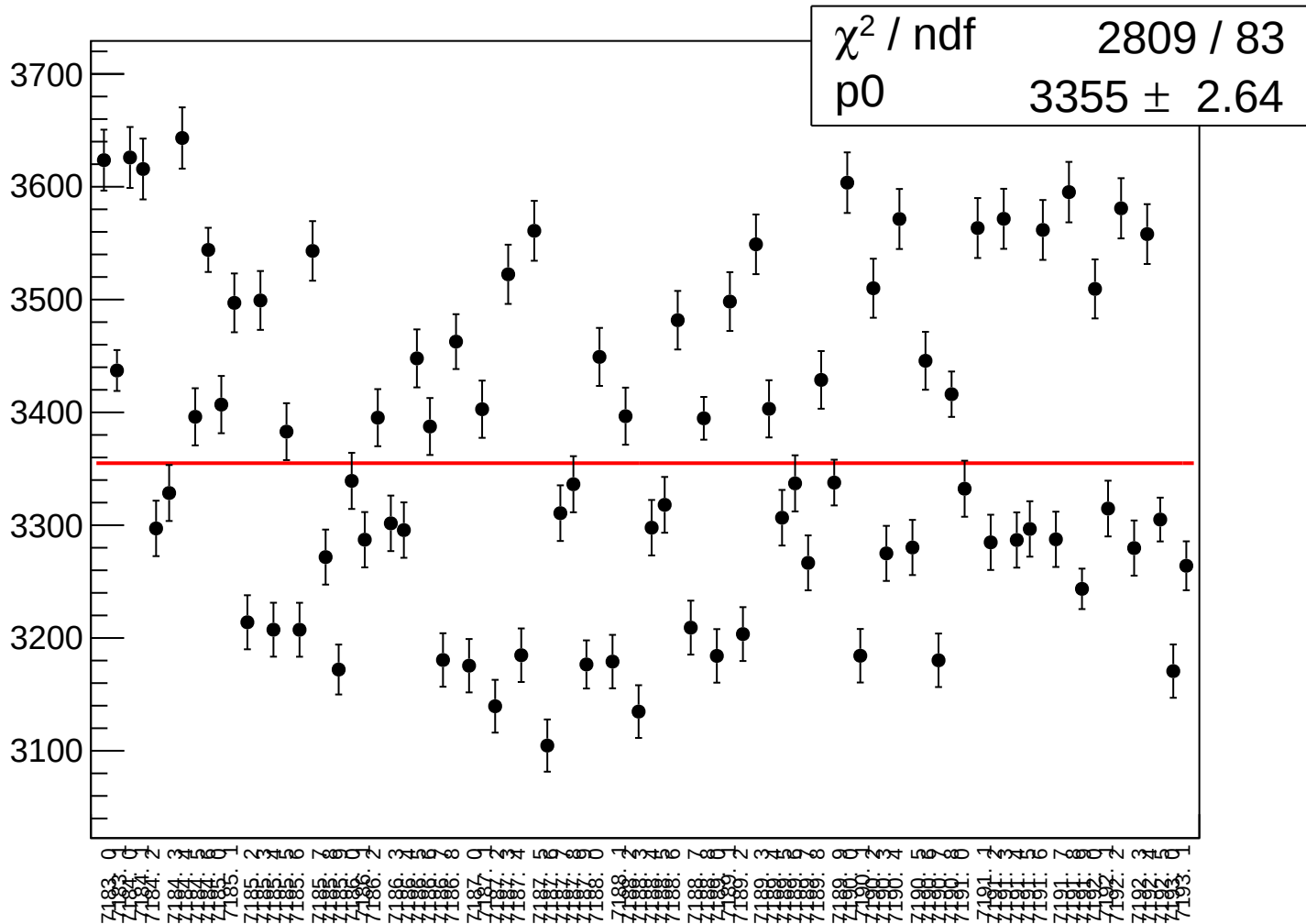
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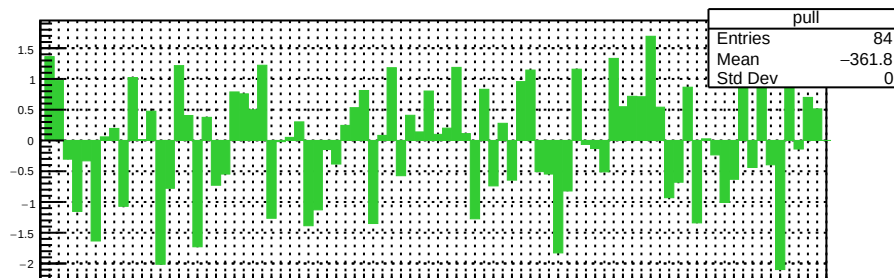
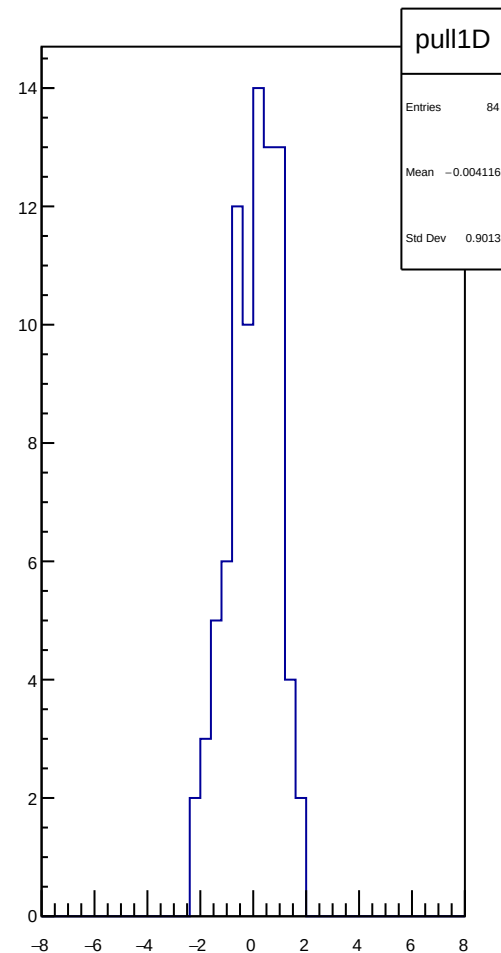
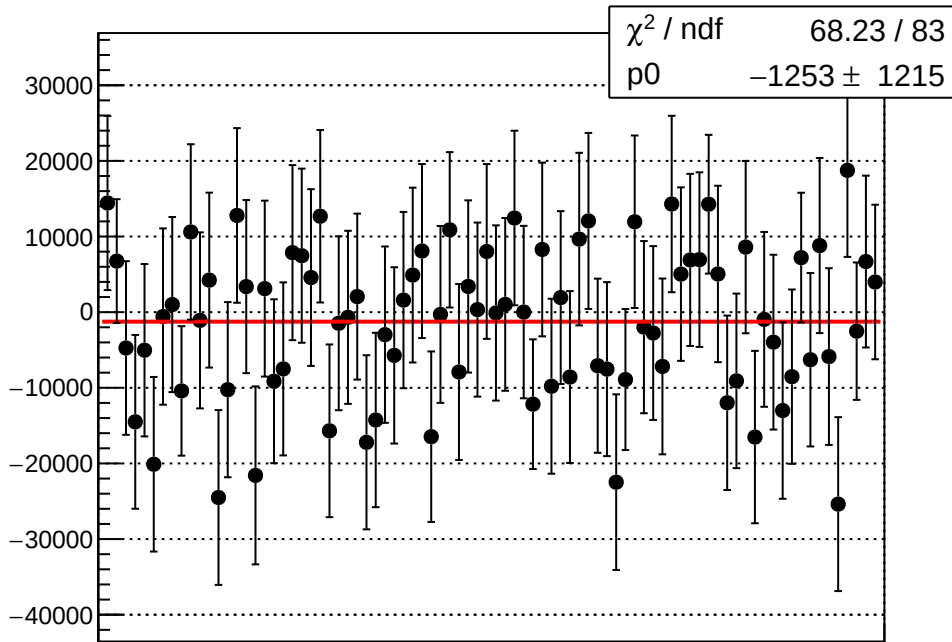
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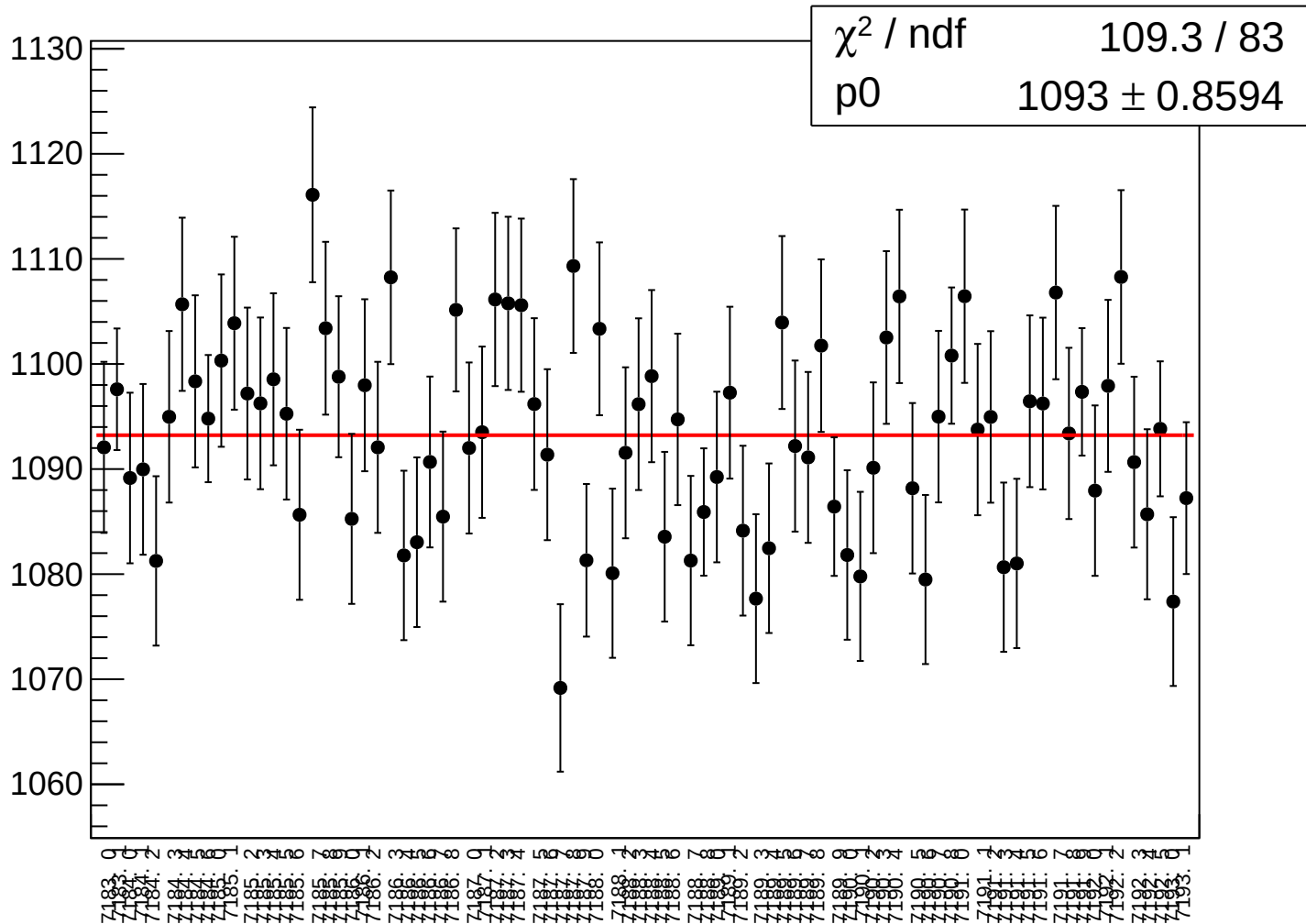
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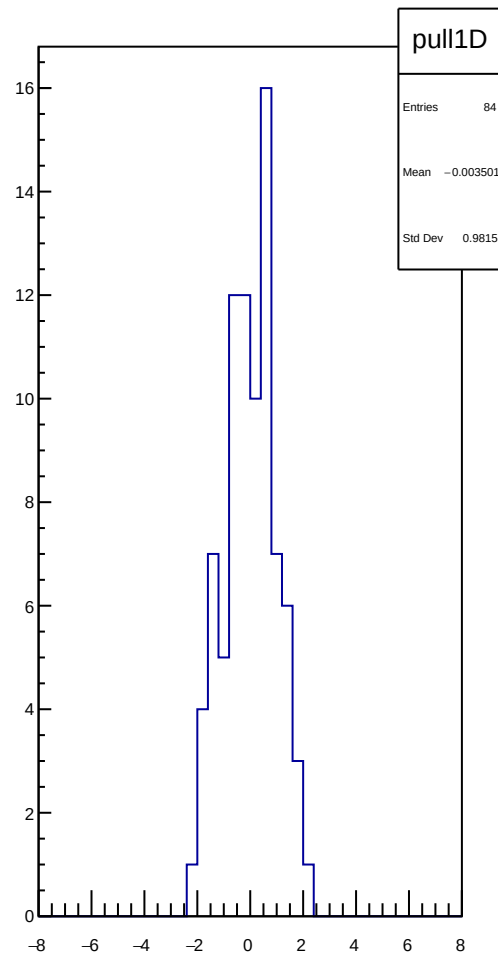
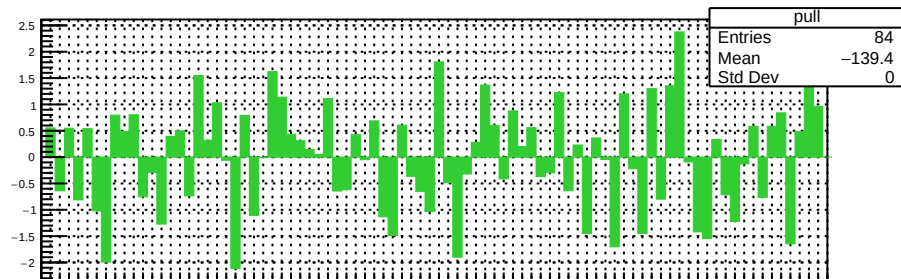
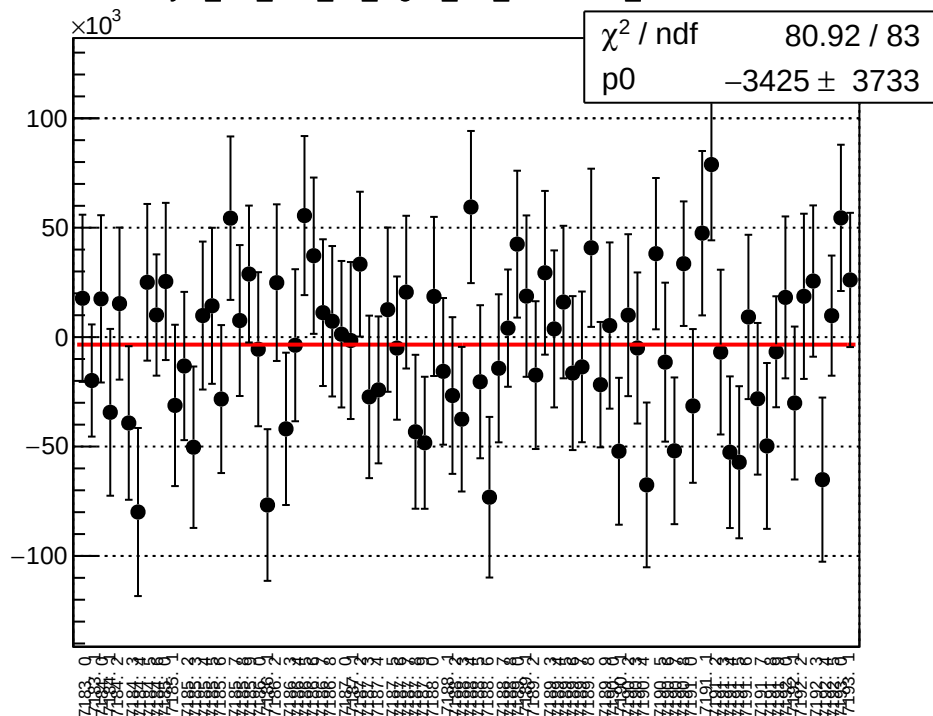
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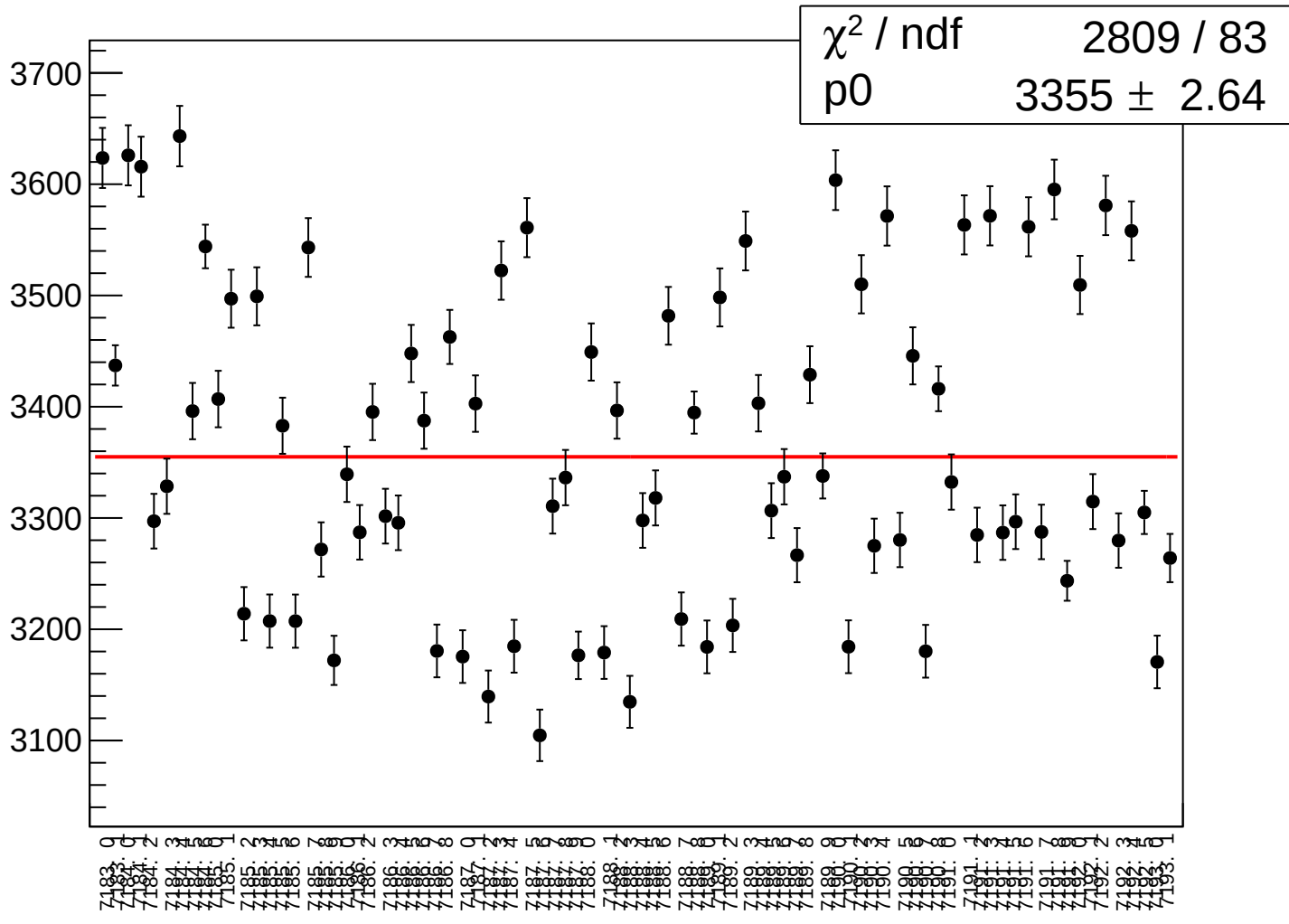
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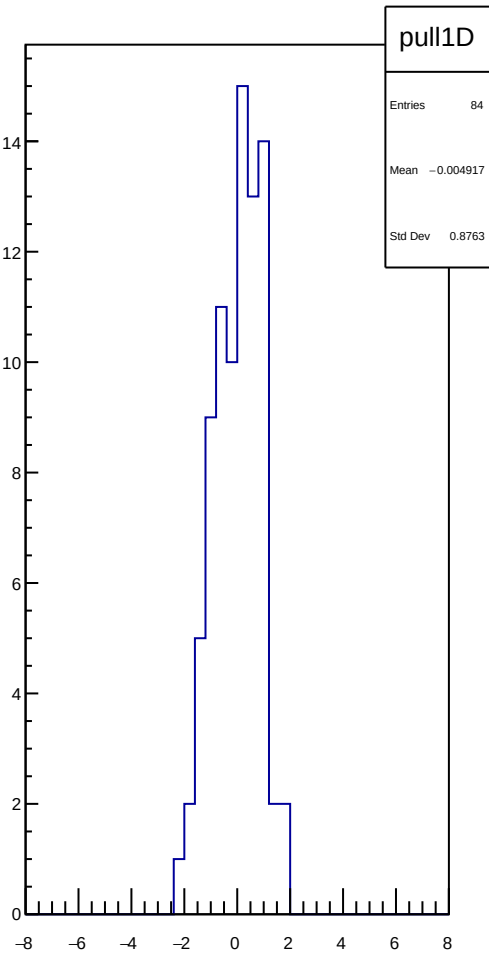
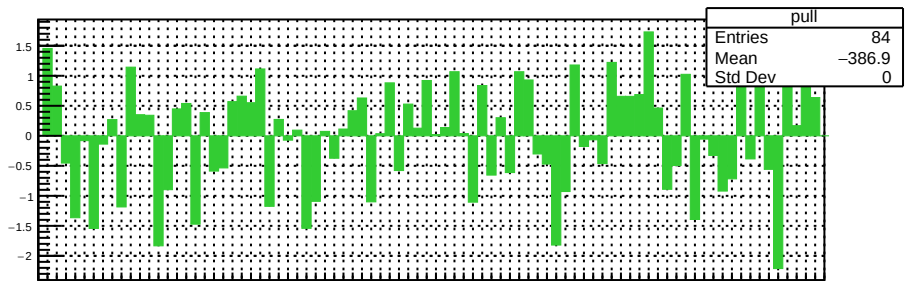
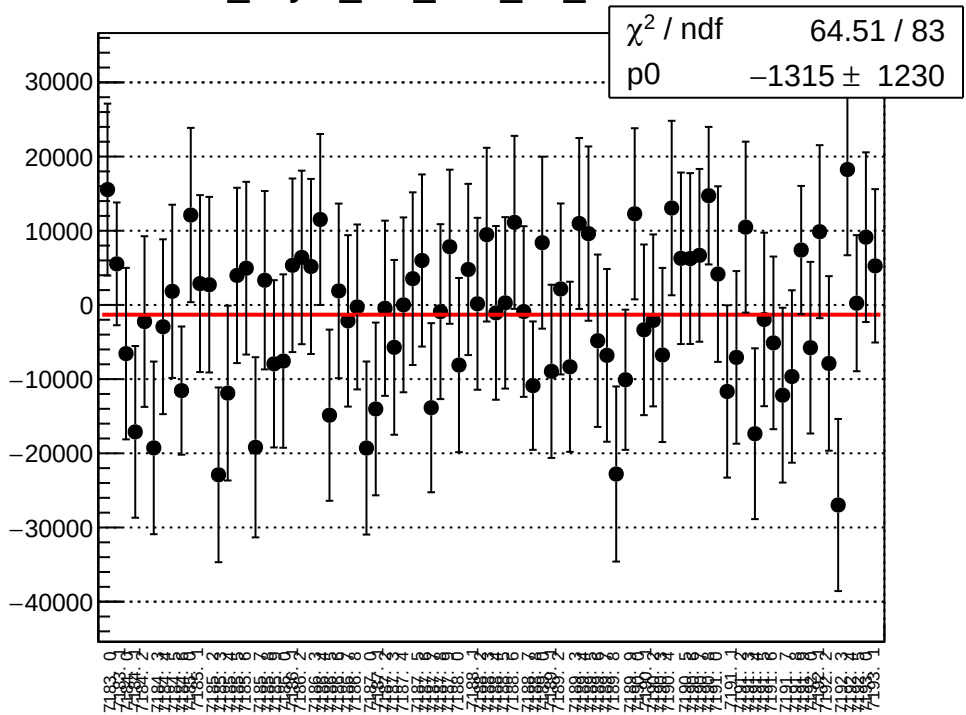
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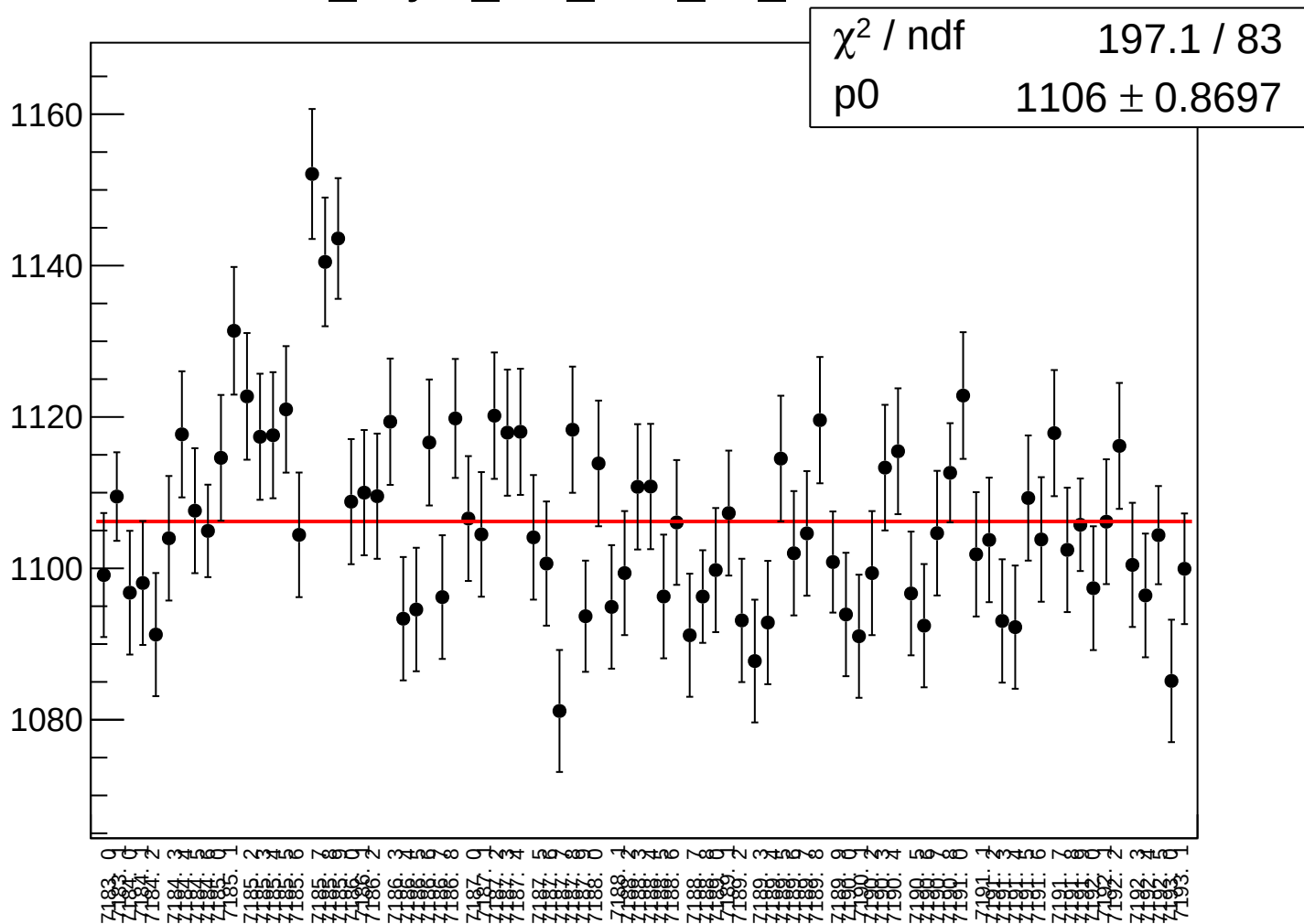
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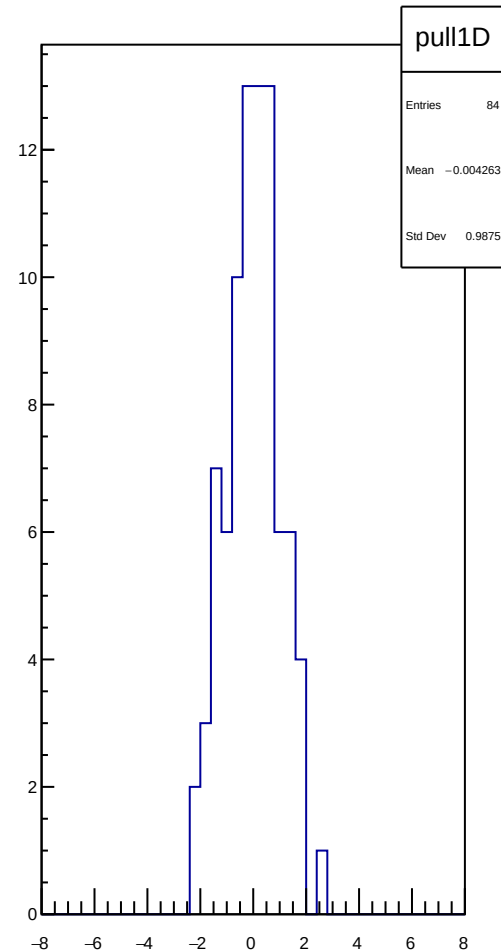
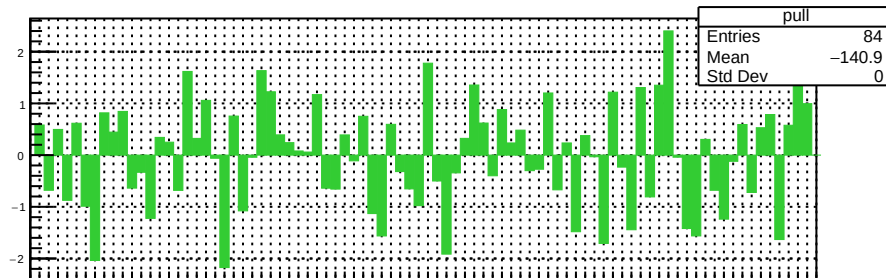
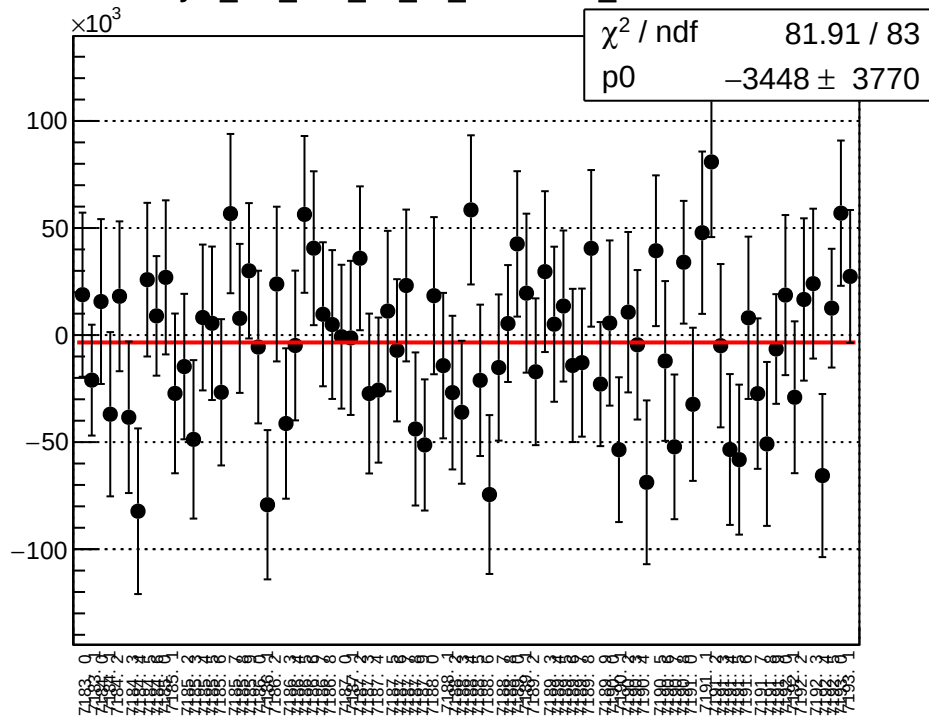
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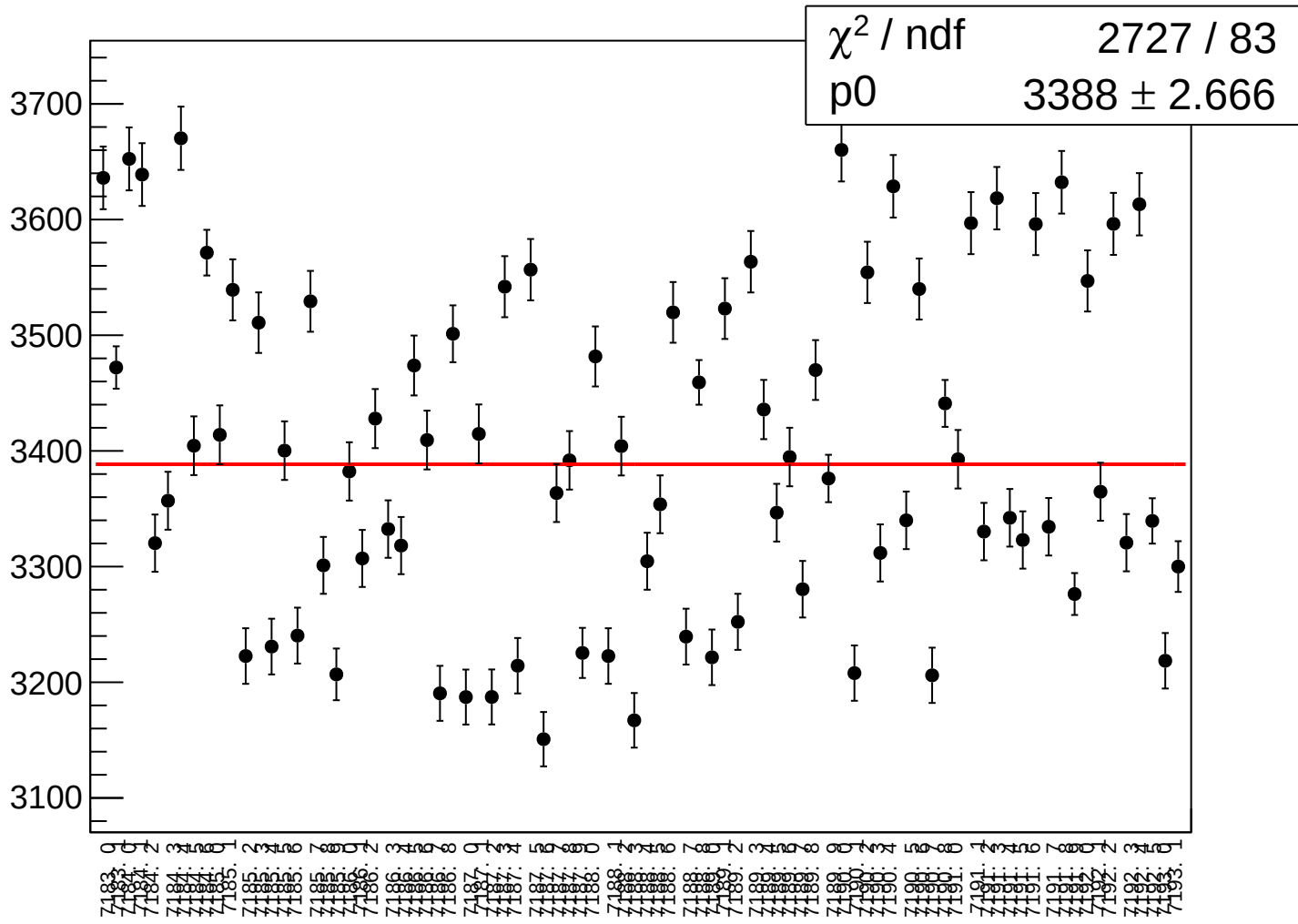
dit_asym_usr_atr2_dd_rms vs run



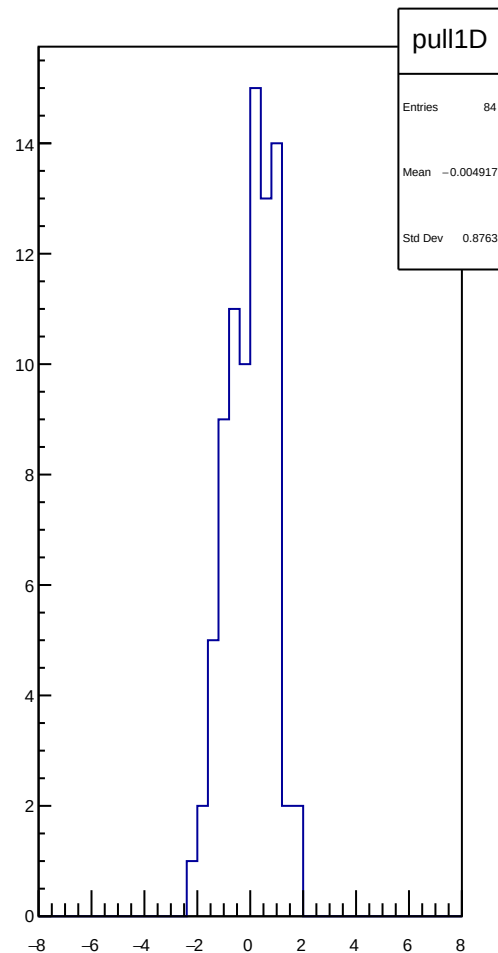
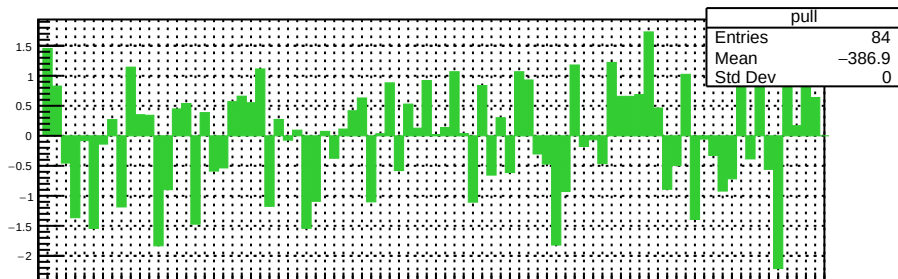
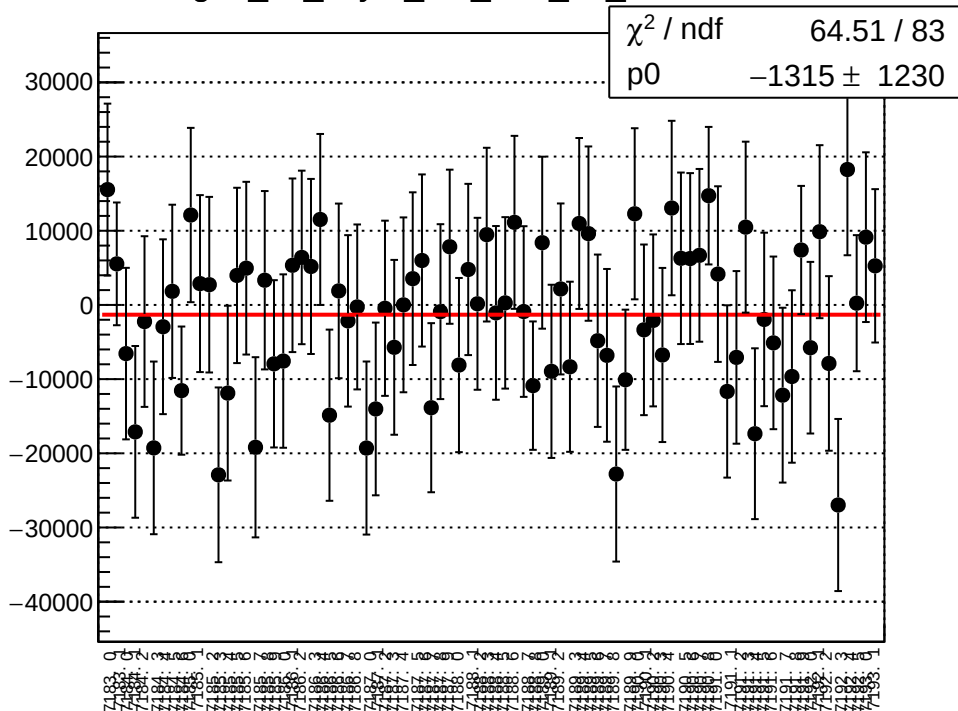
asym_usr_atr2_dd_dit_correction_mean vs run



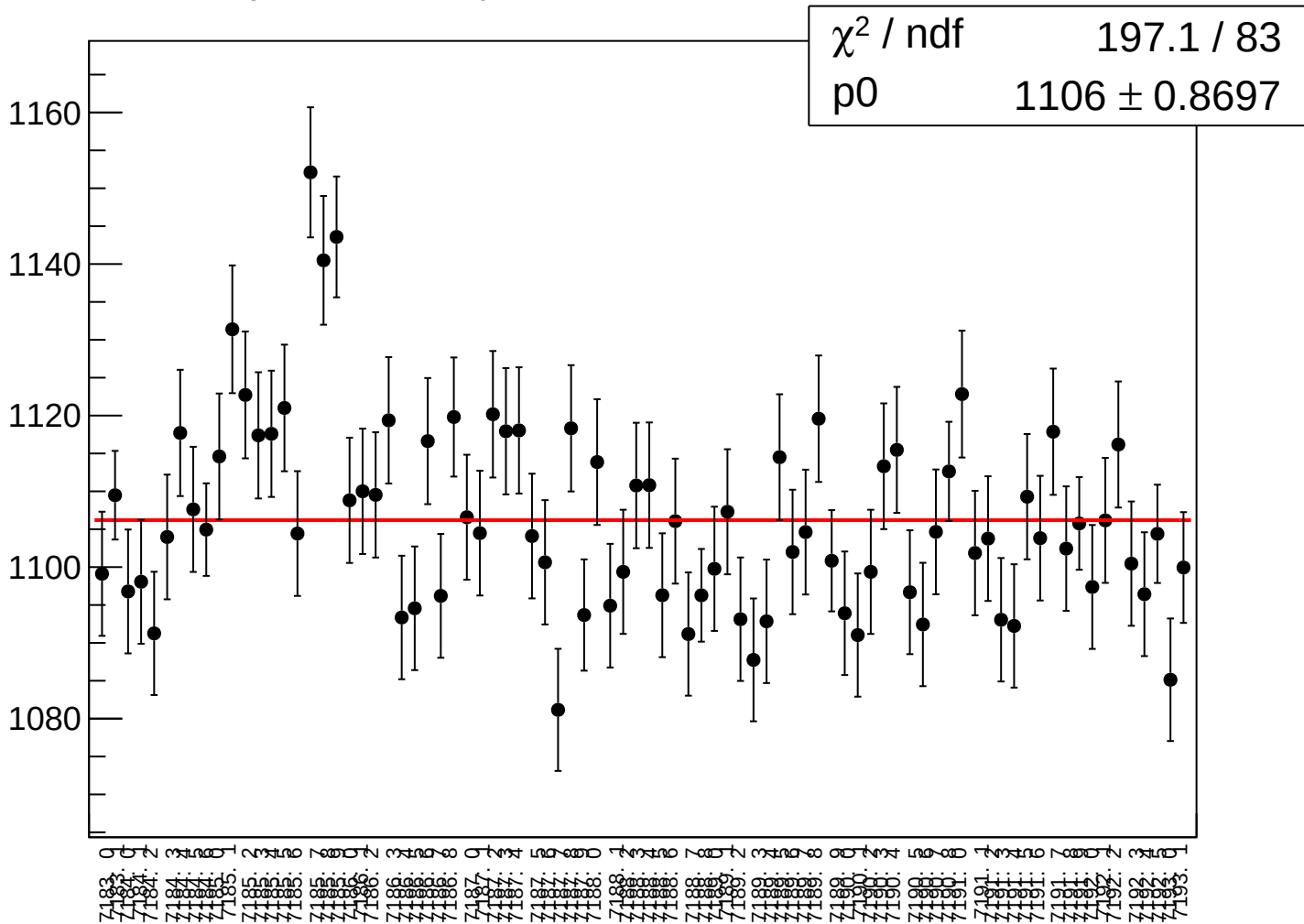
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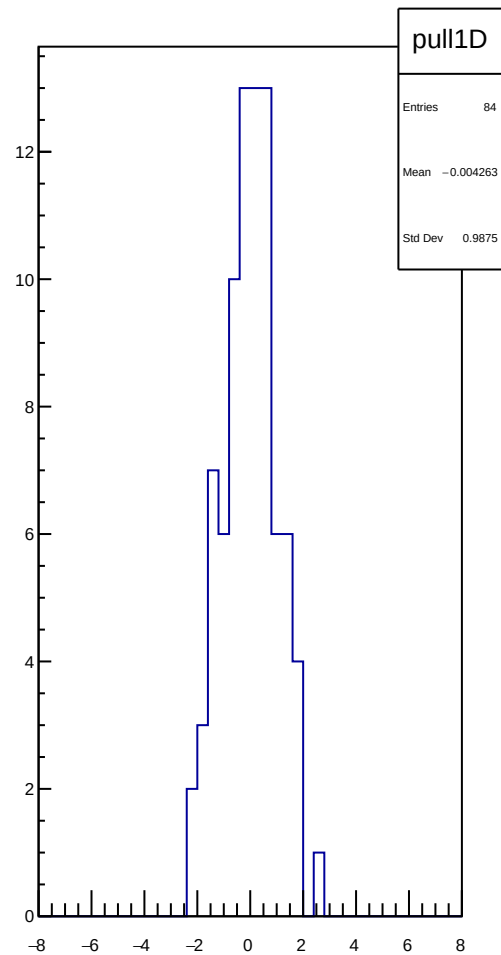
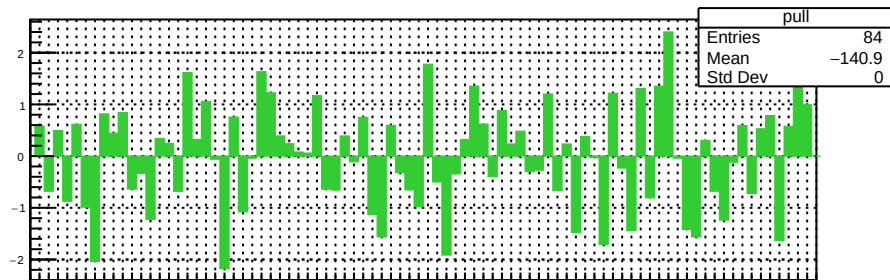
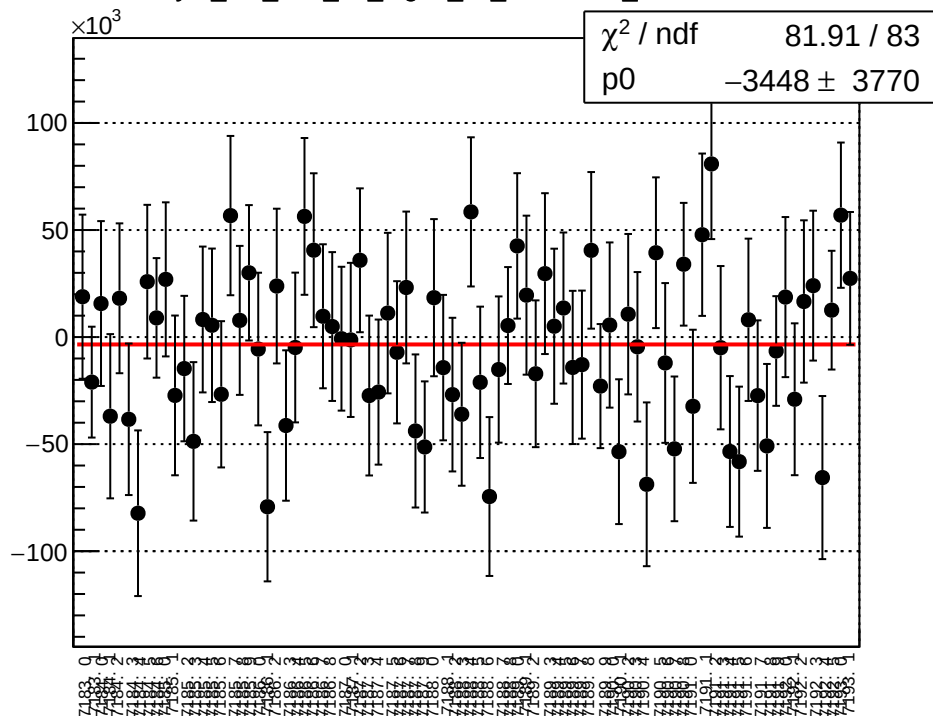
eigen_dit_asym_usr_atr2_dd_mean vs run



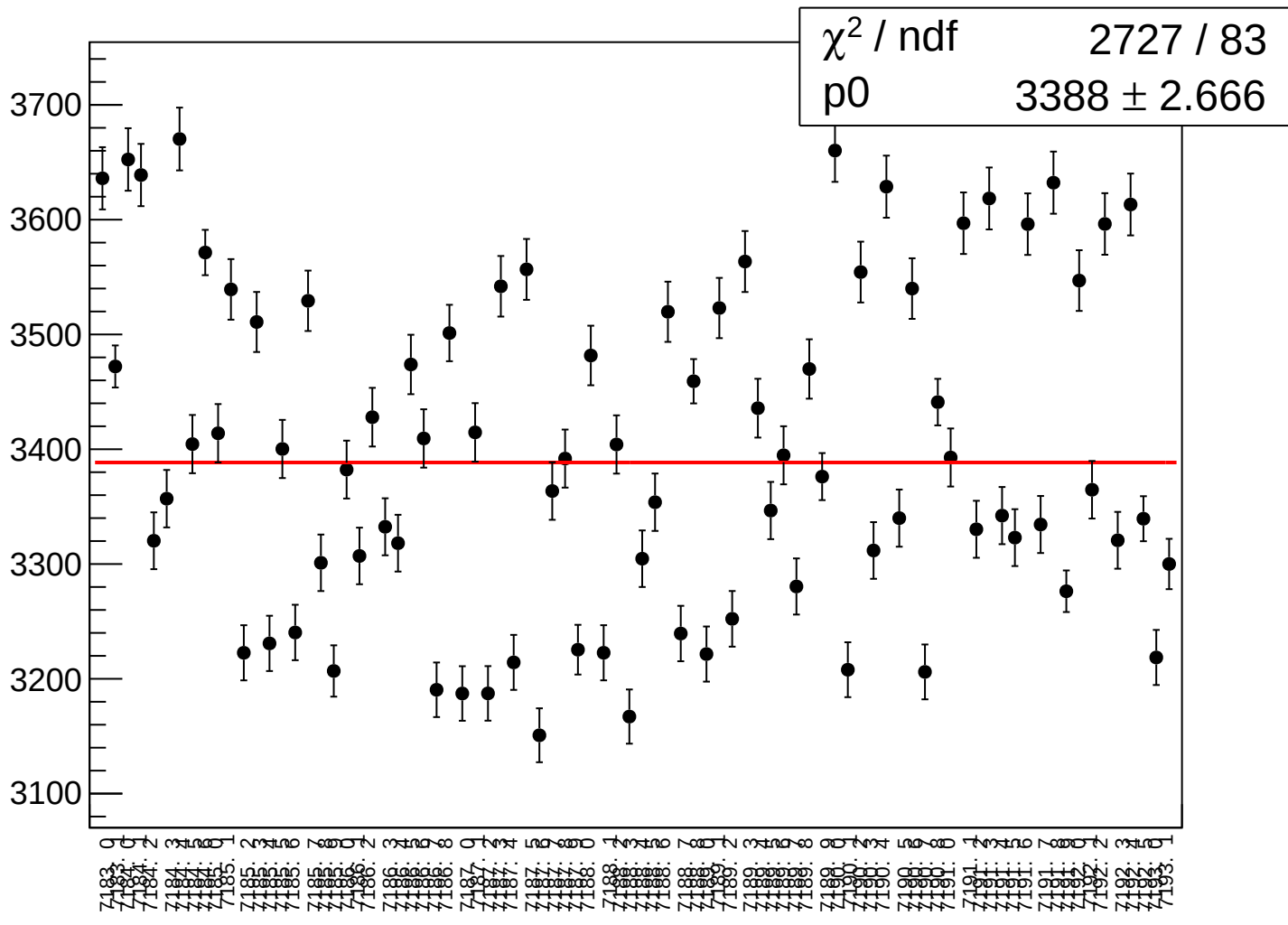
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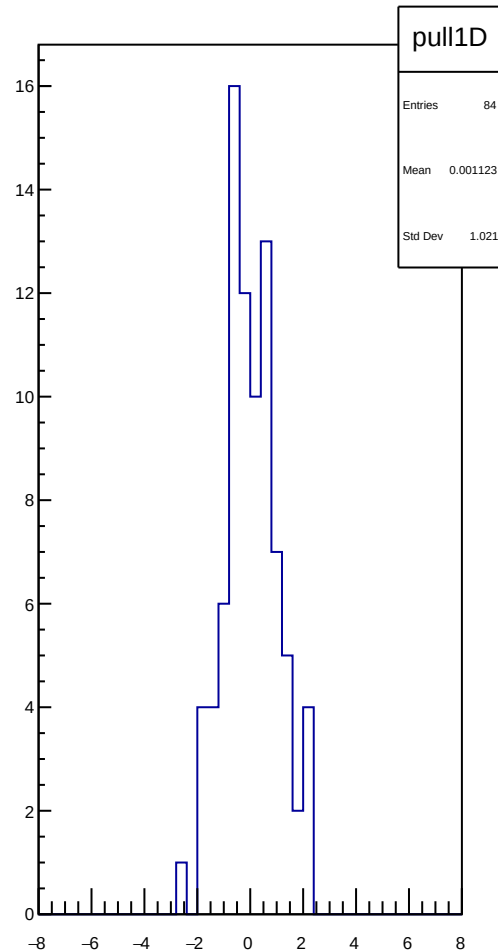
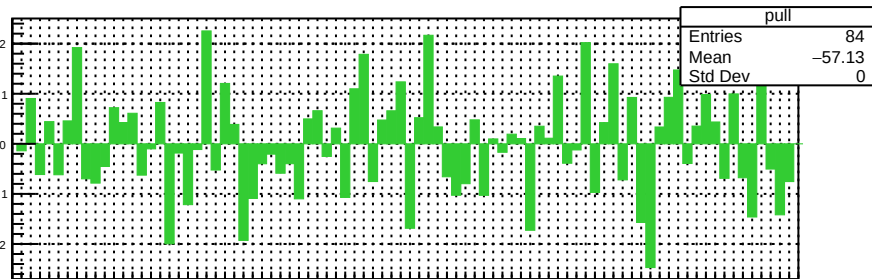
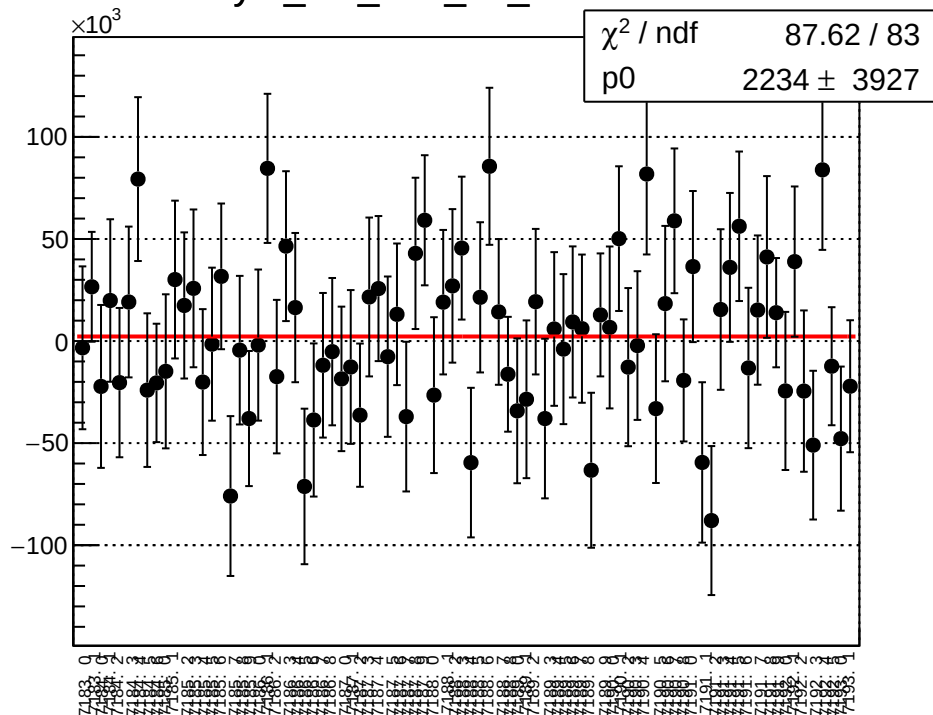
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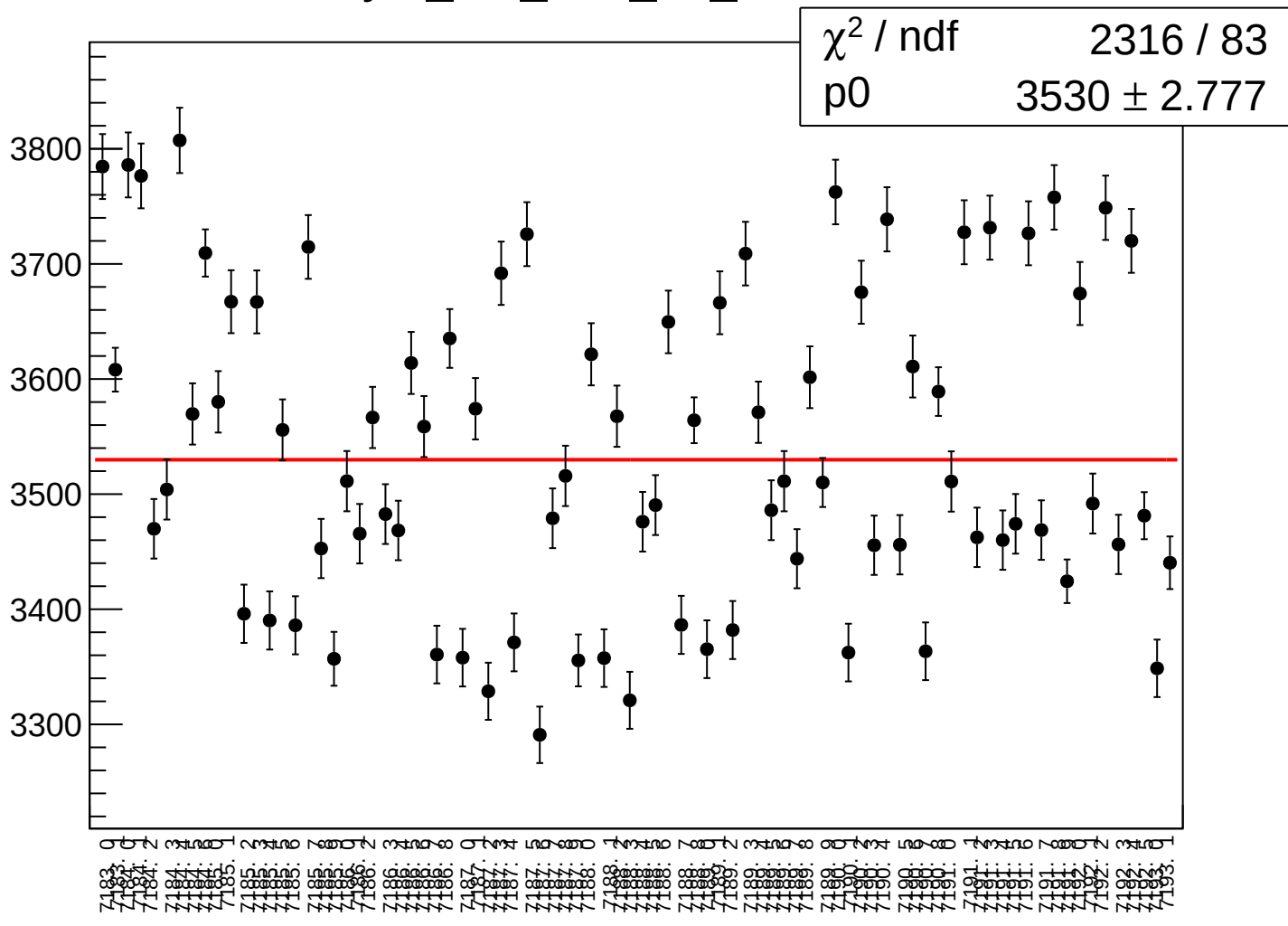
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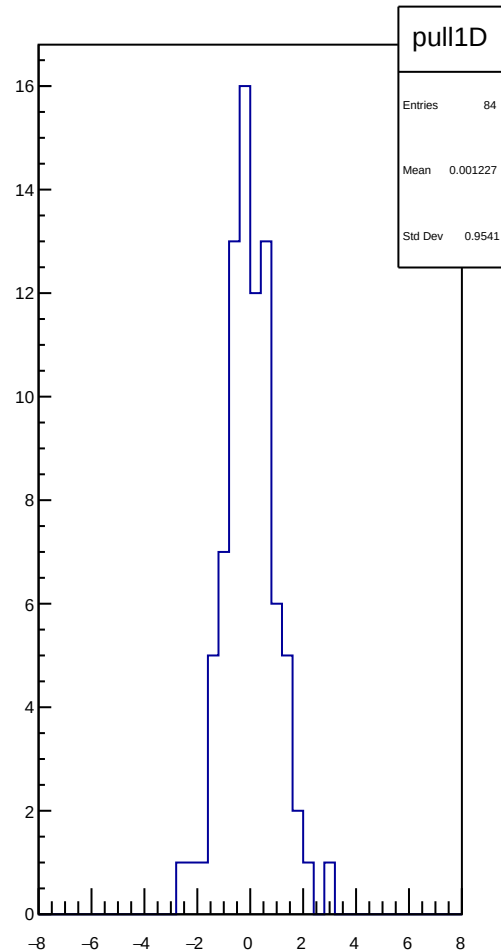
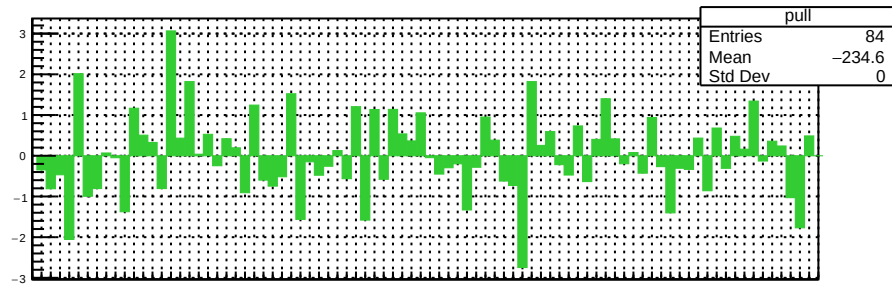
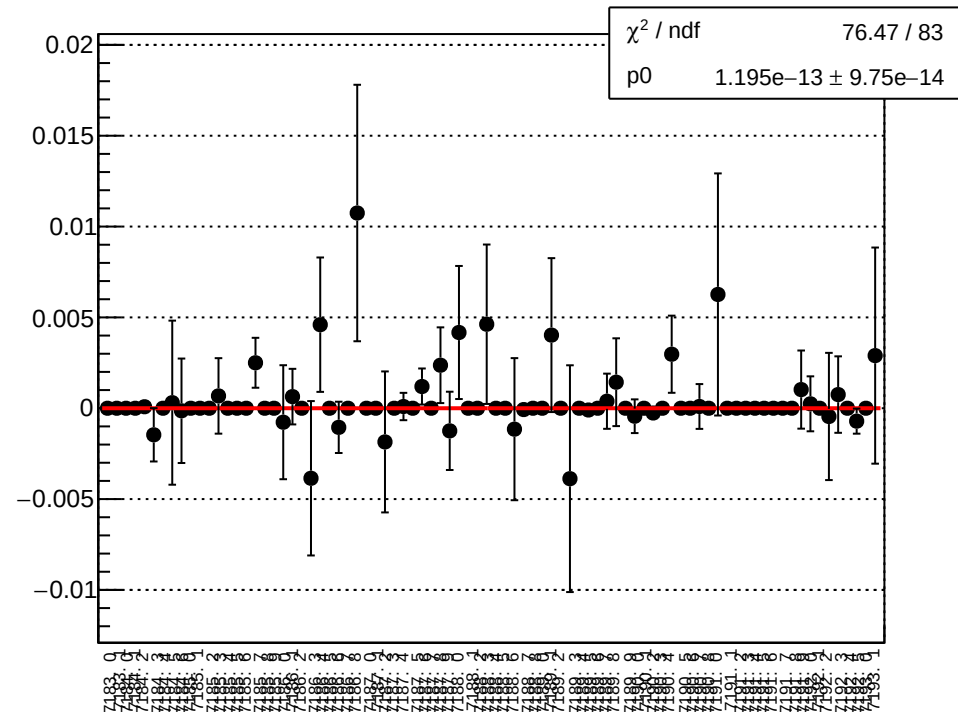
asym_usr_atr2_dd_mean vs run



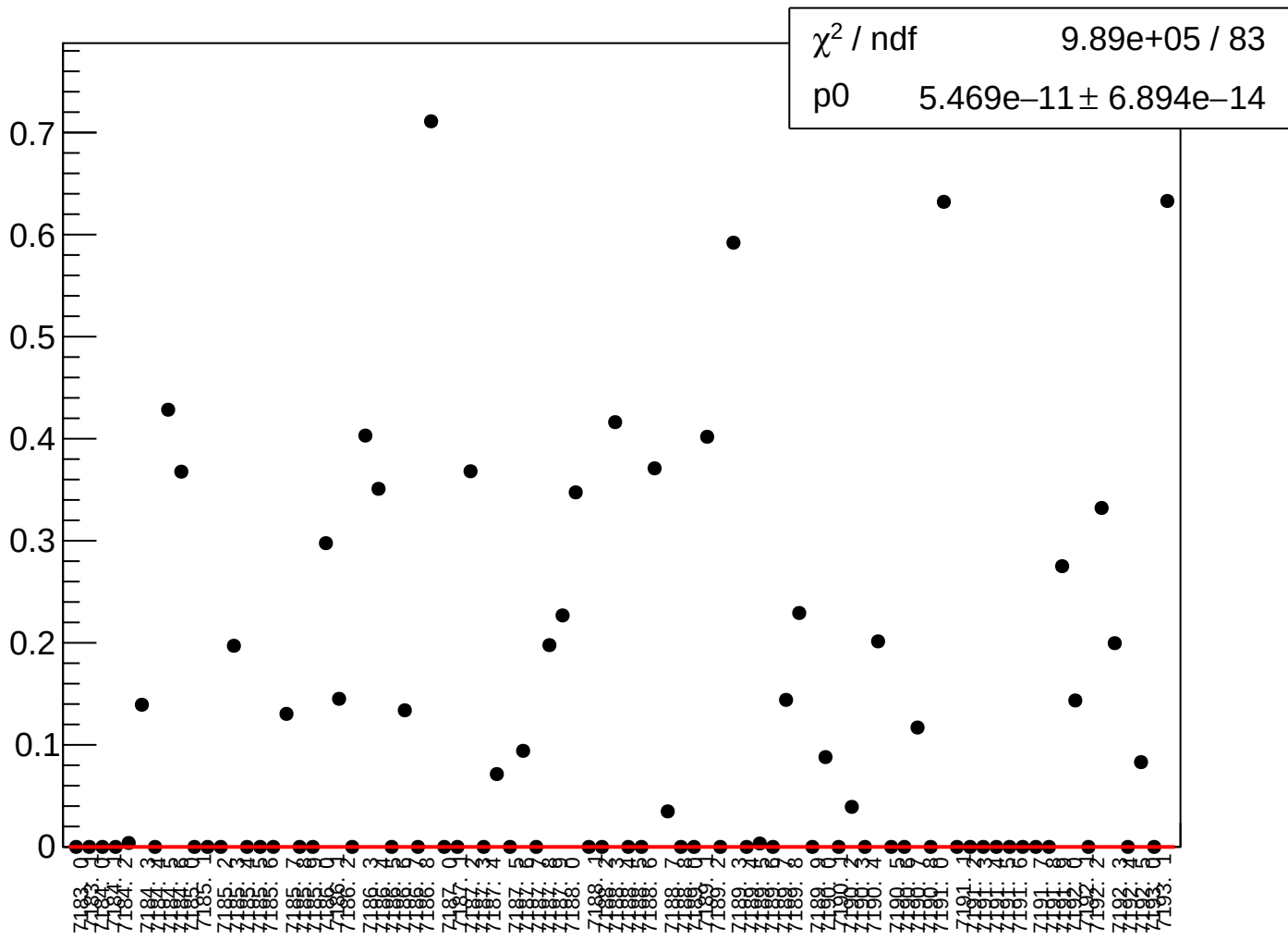
asym_usr_atr2_dd_rms vs run



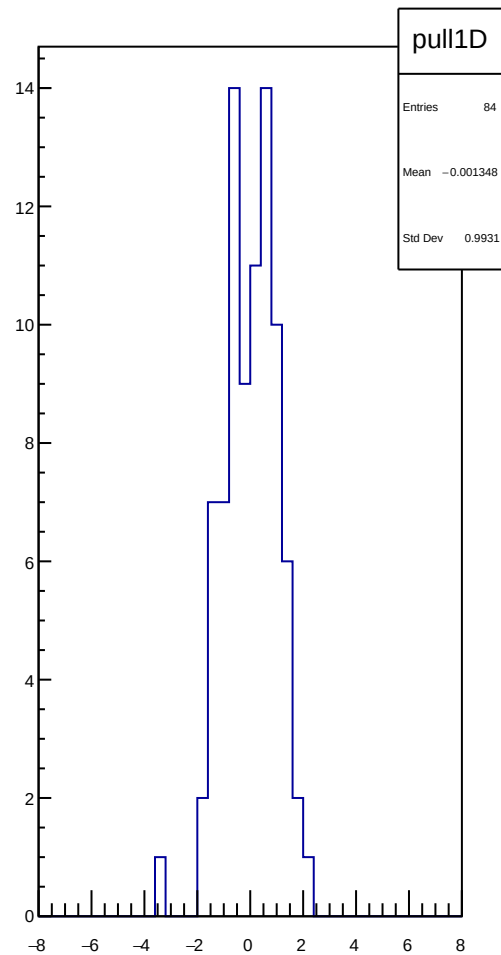
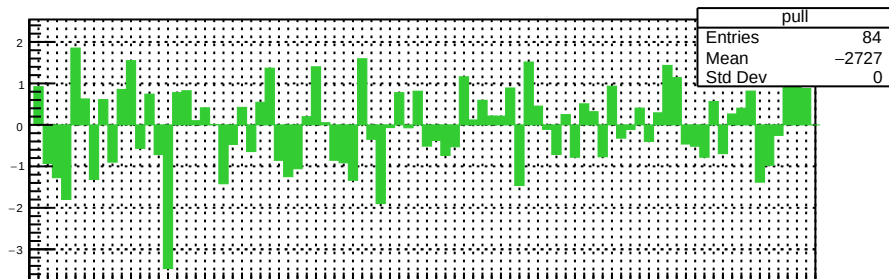
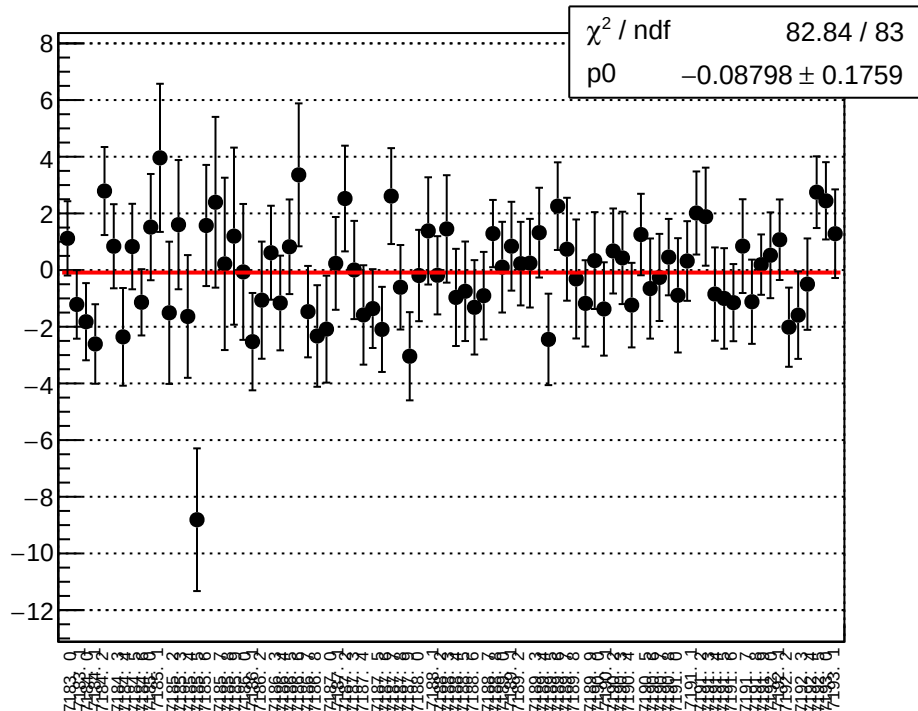
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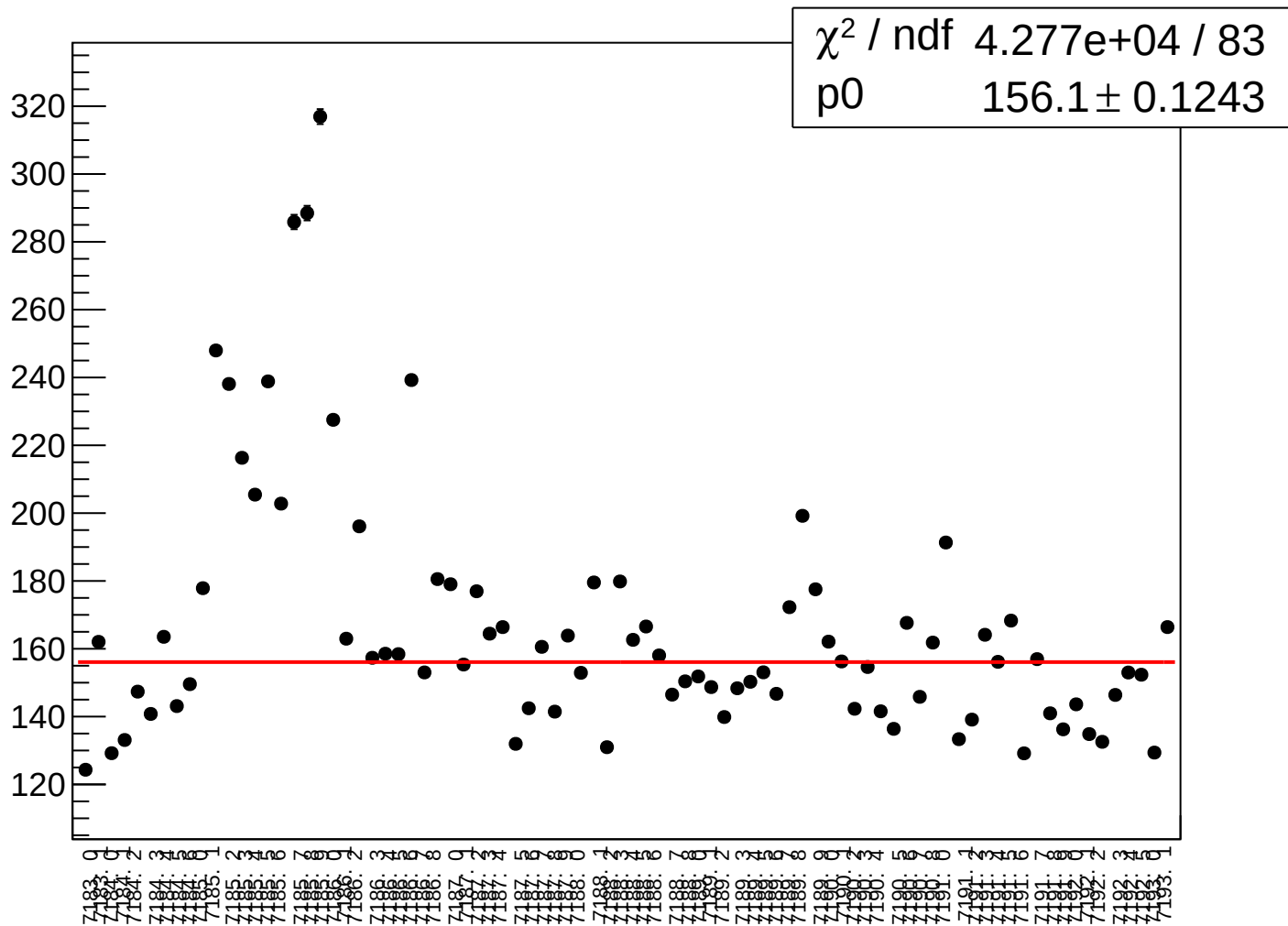
asym usr atr2 dd reg vs cor diff rms vs run



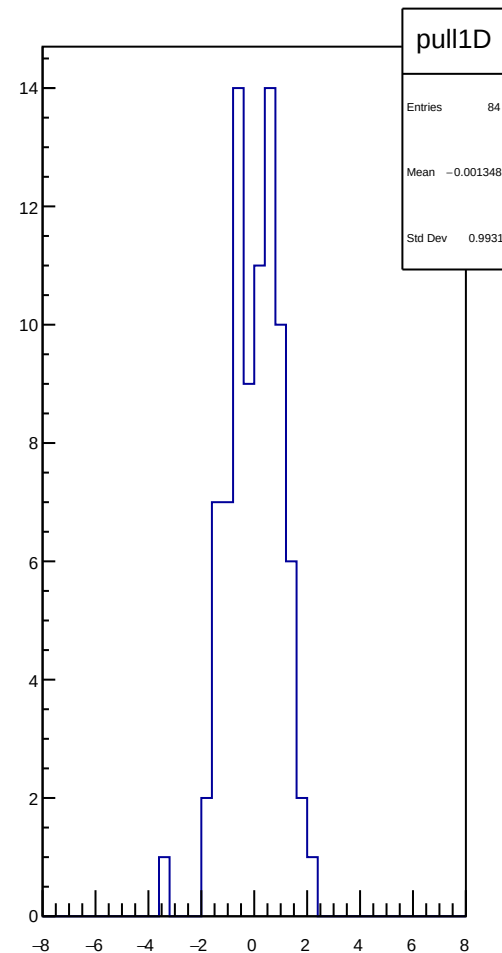
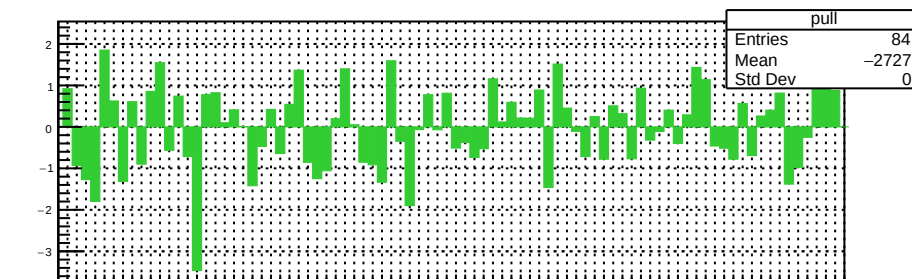
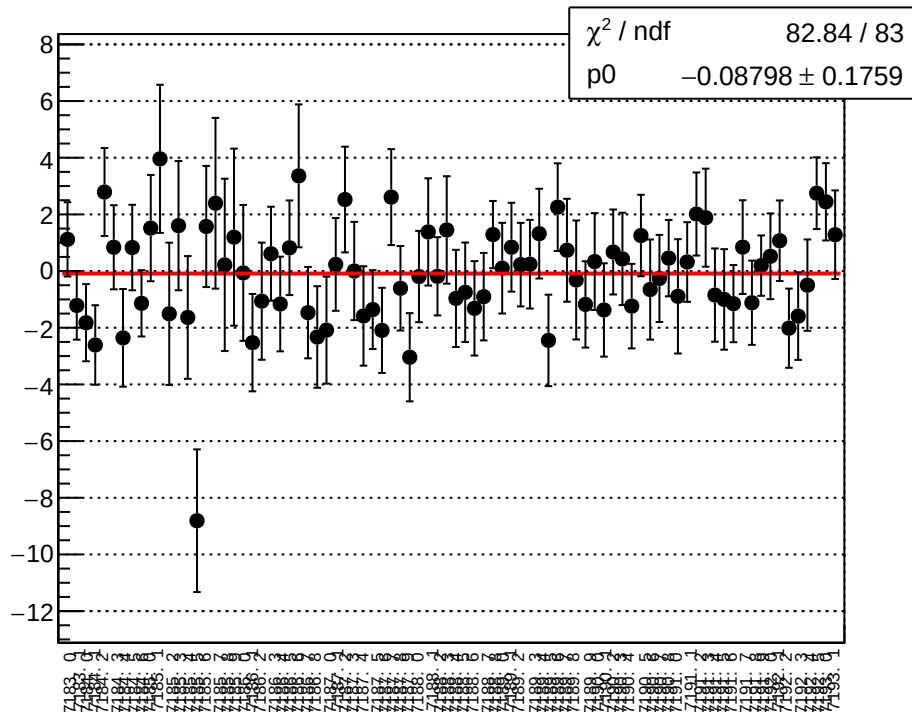
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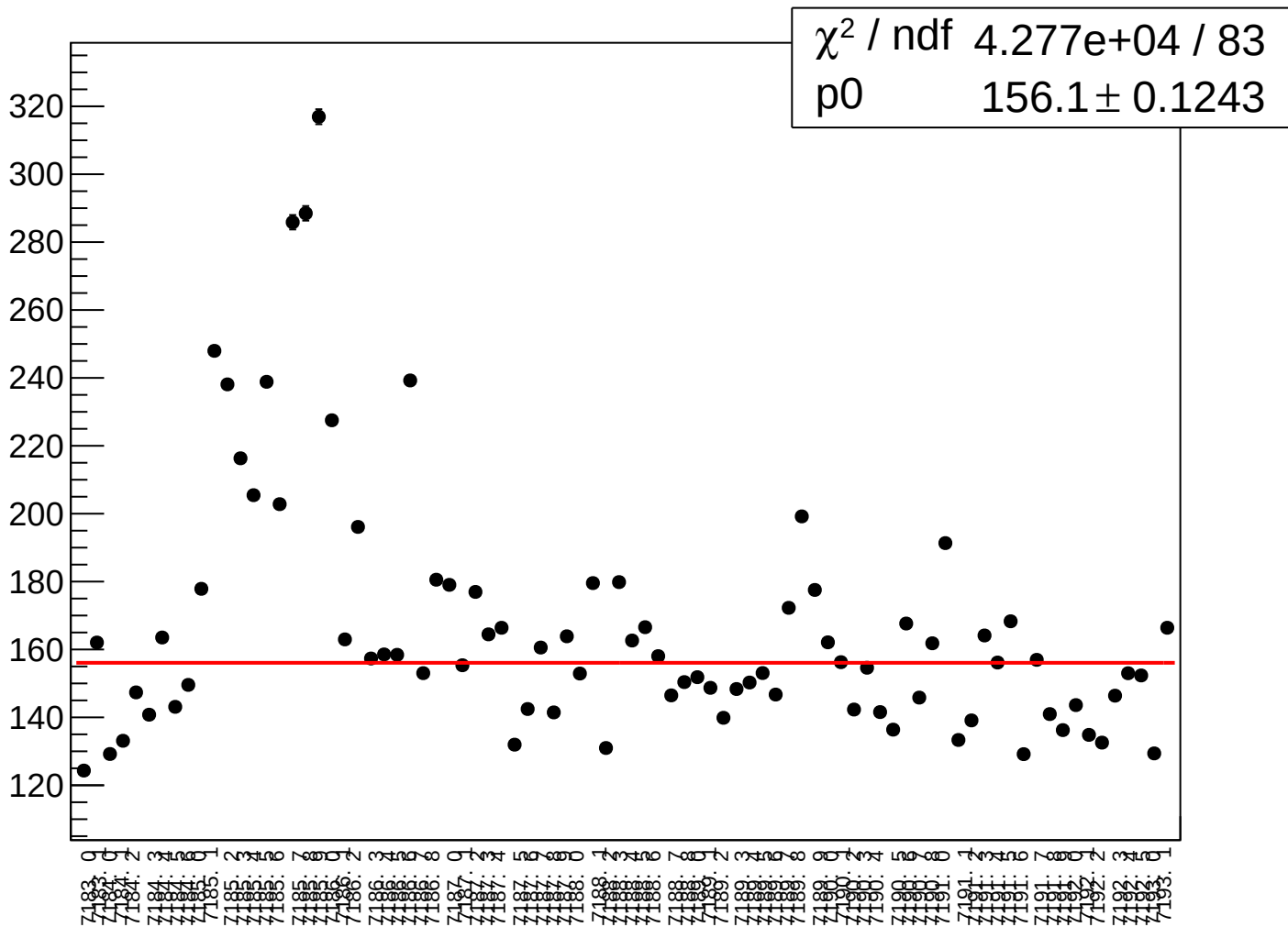
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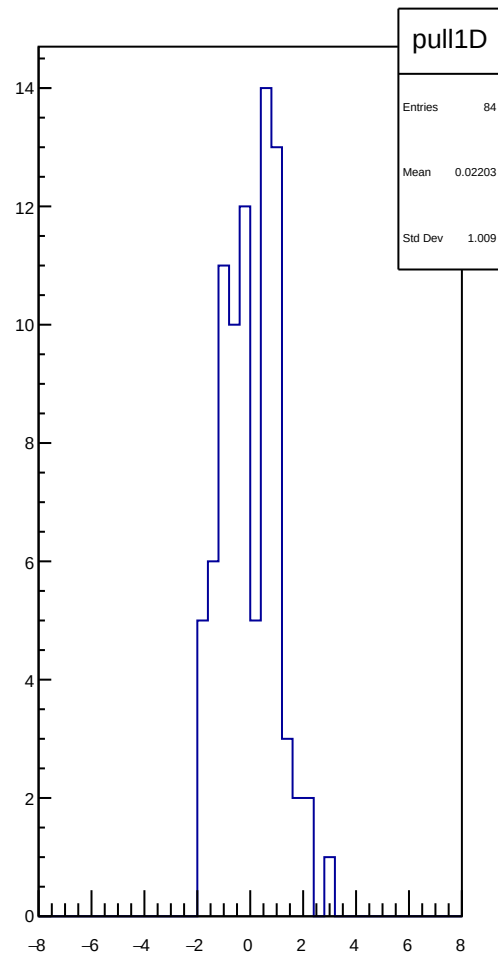
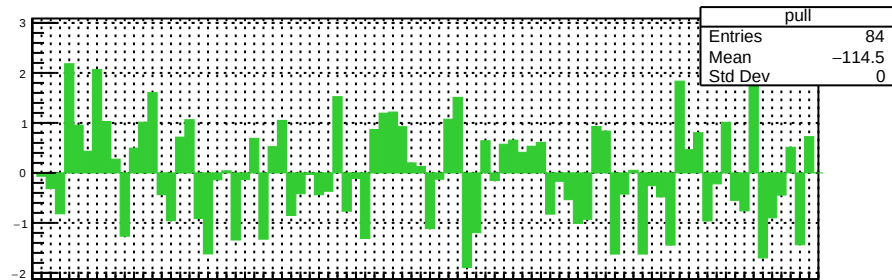
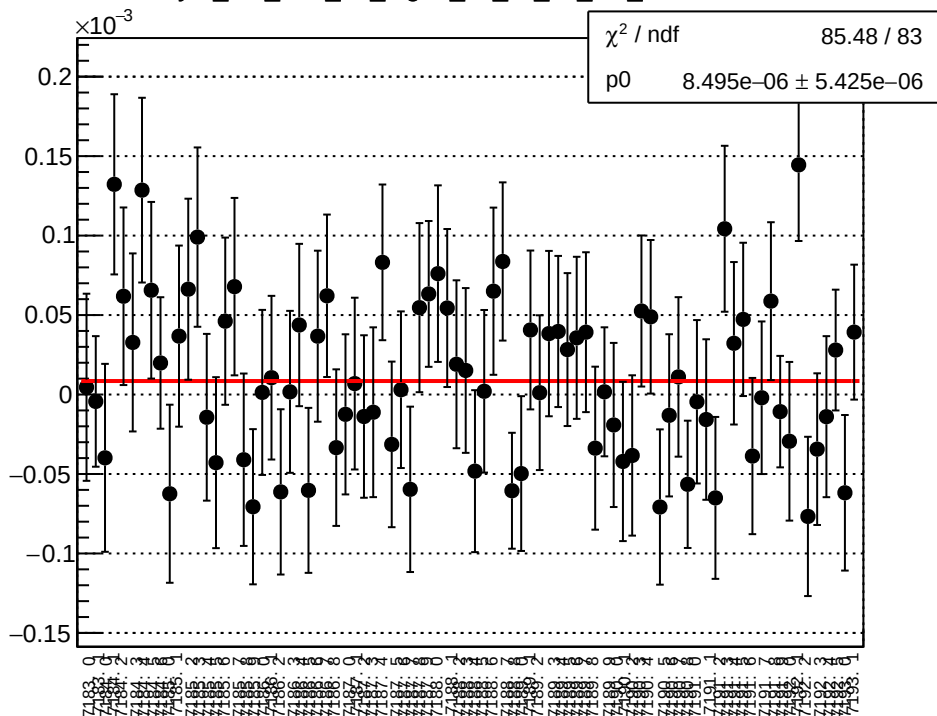
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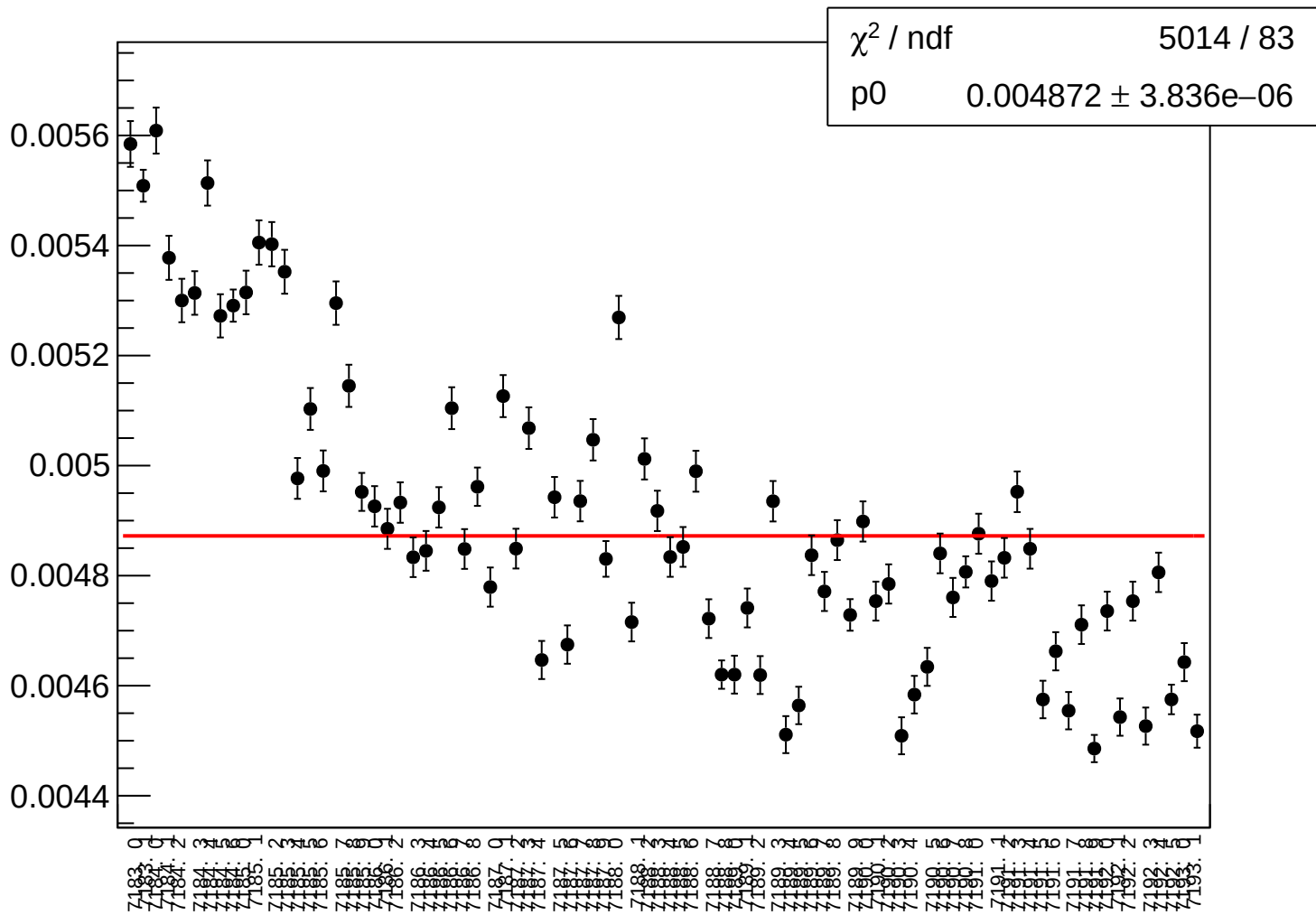
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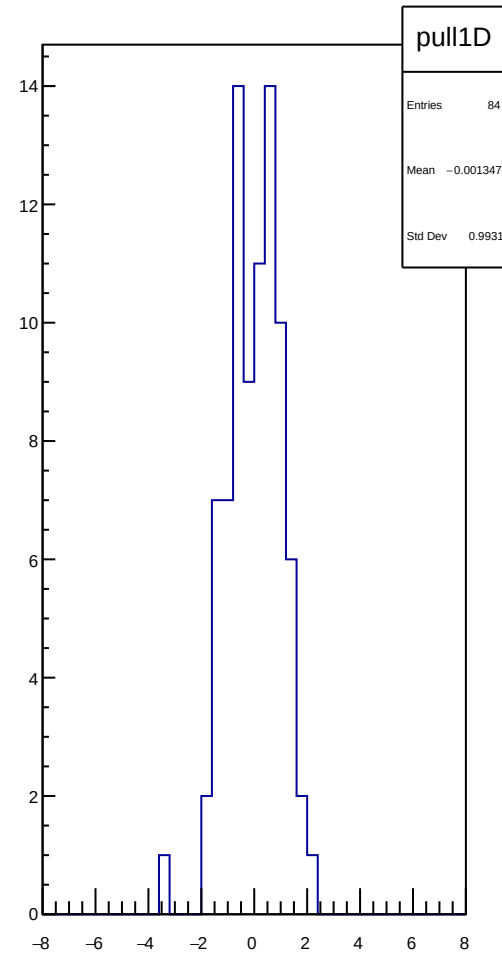
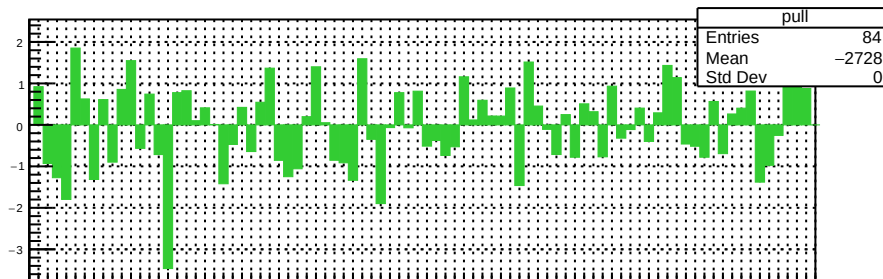
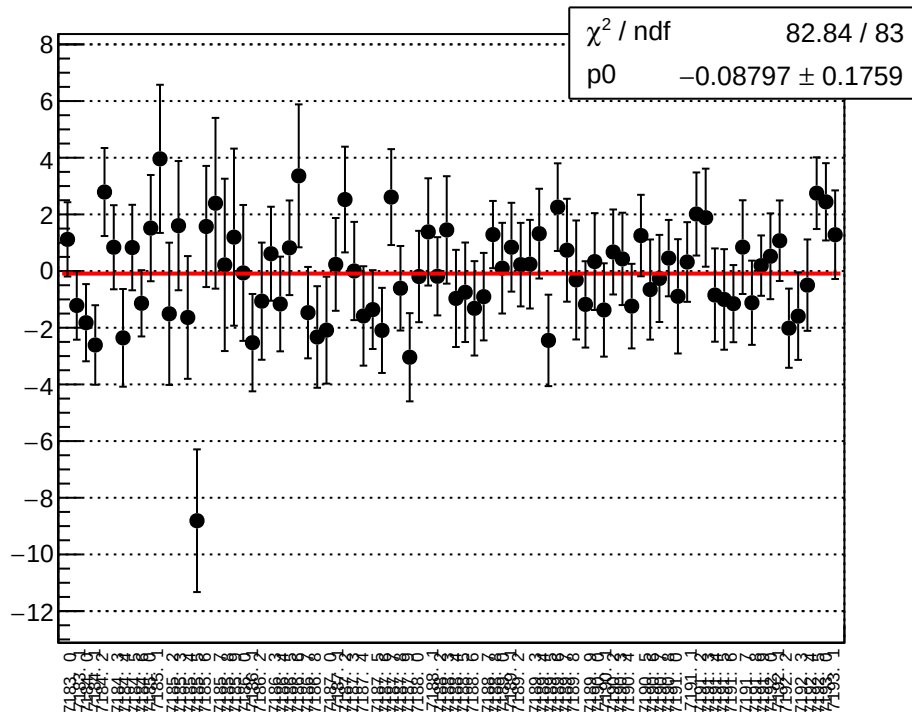
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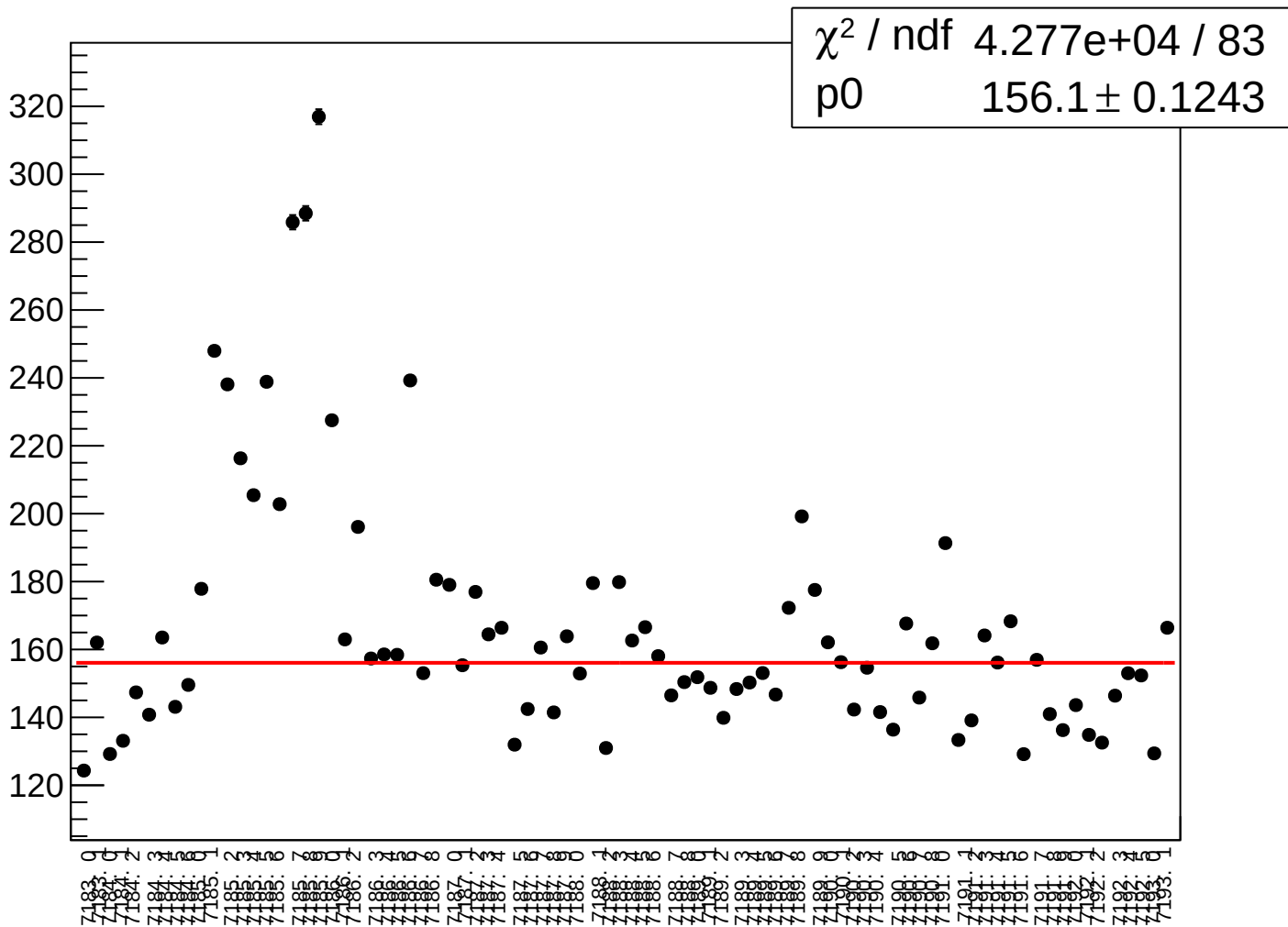
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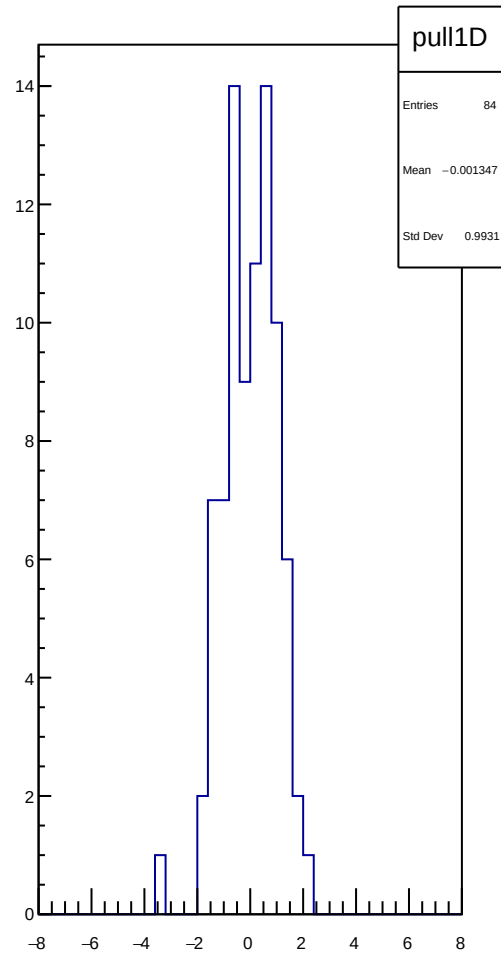
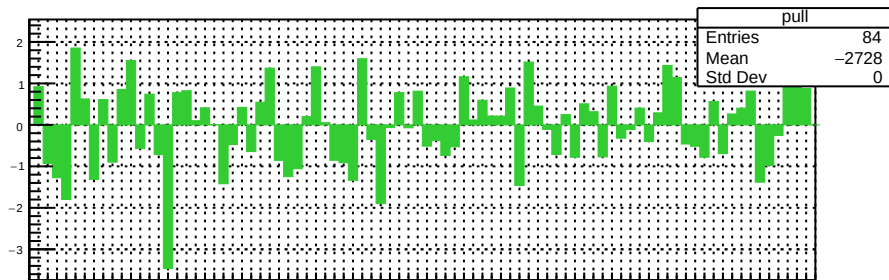
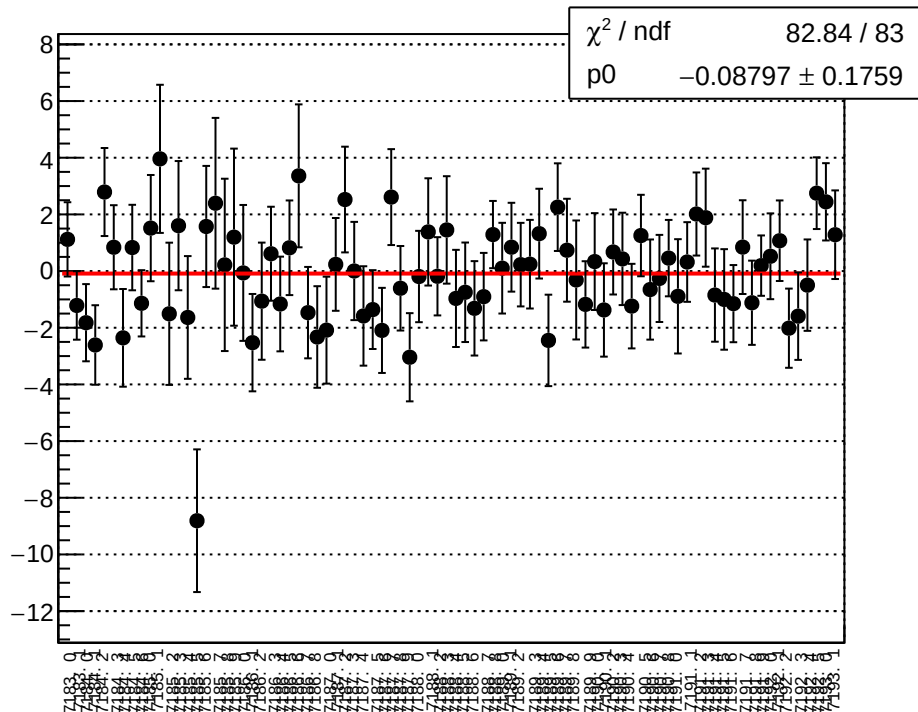
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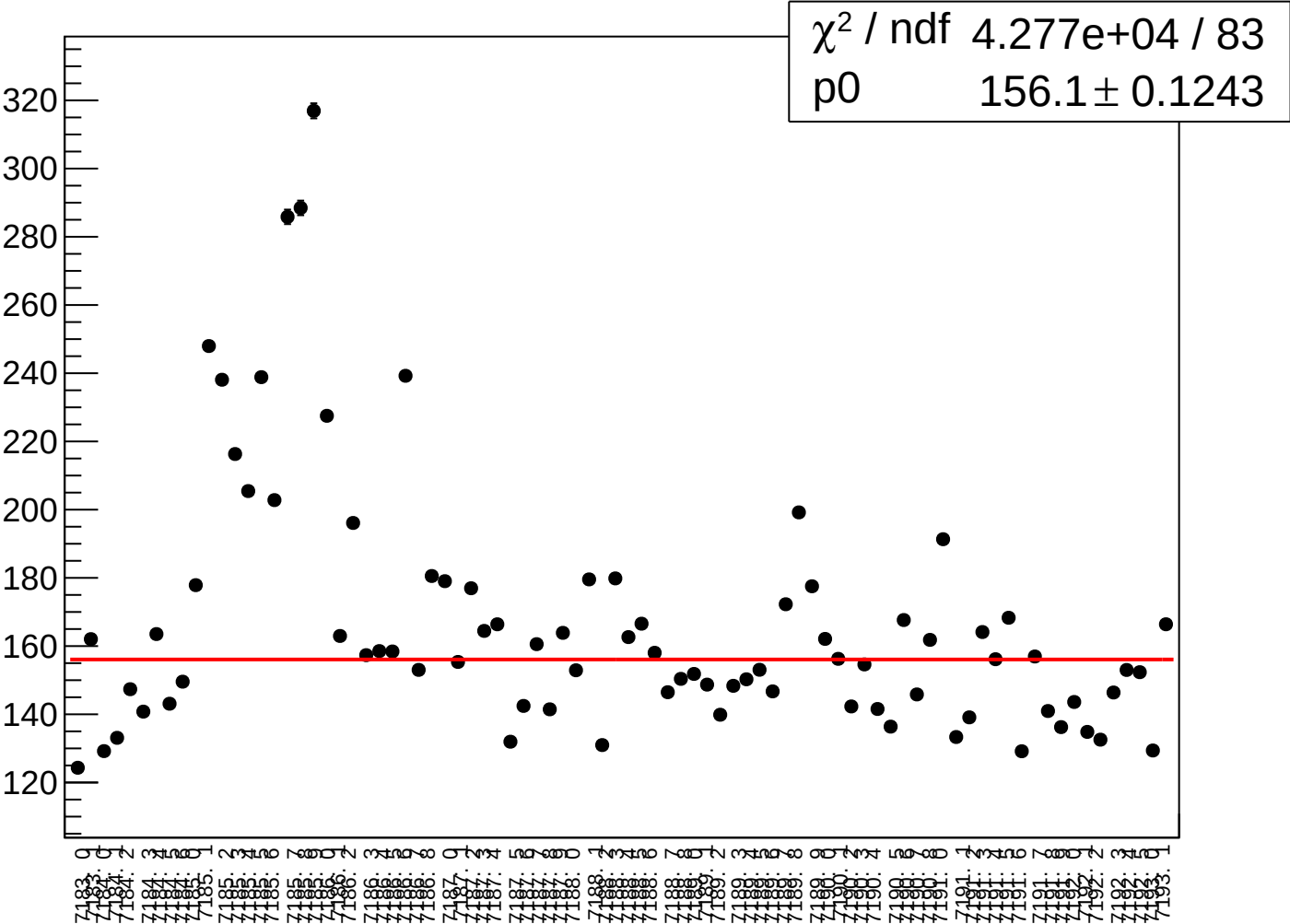
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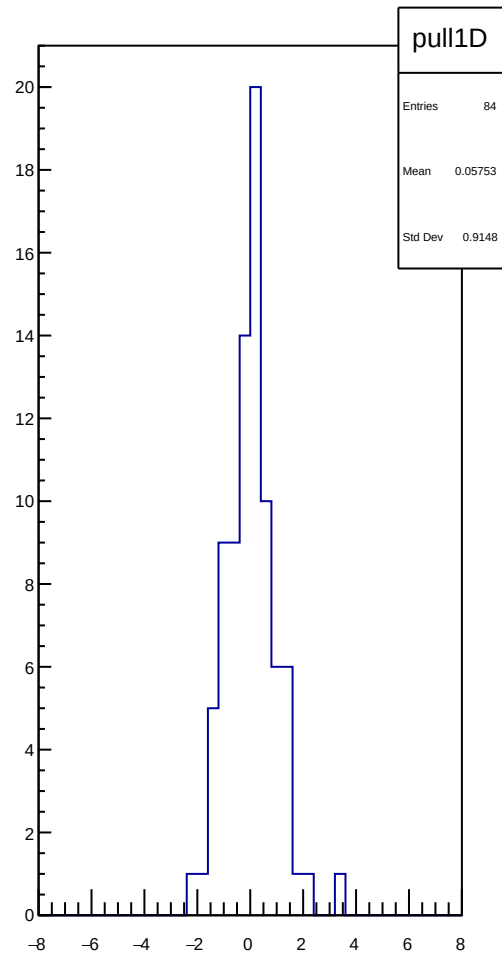
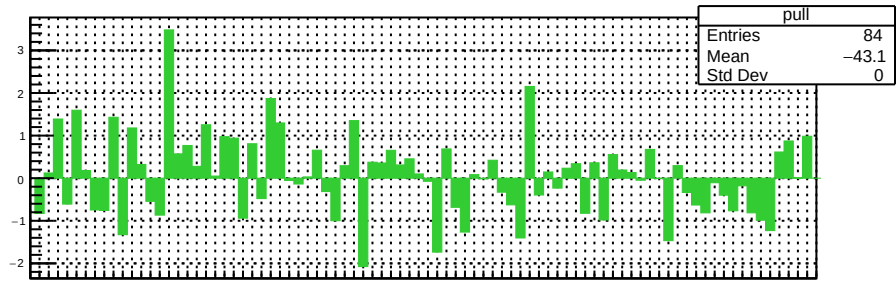
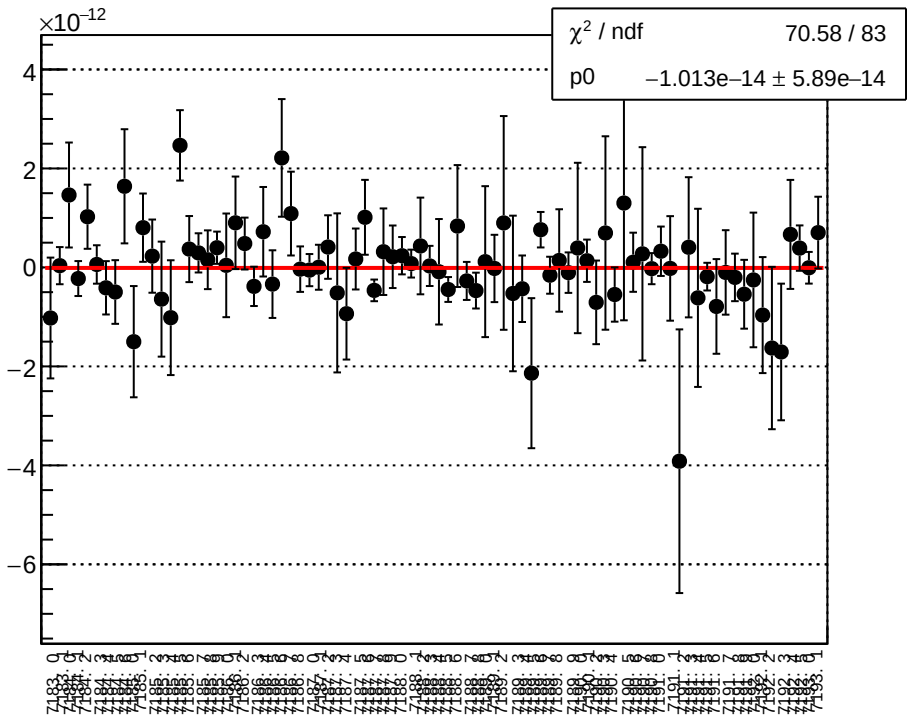
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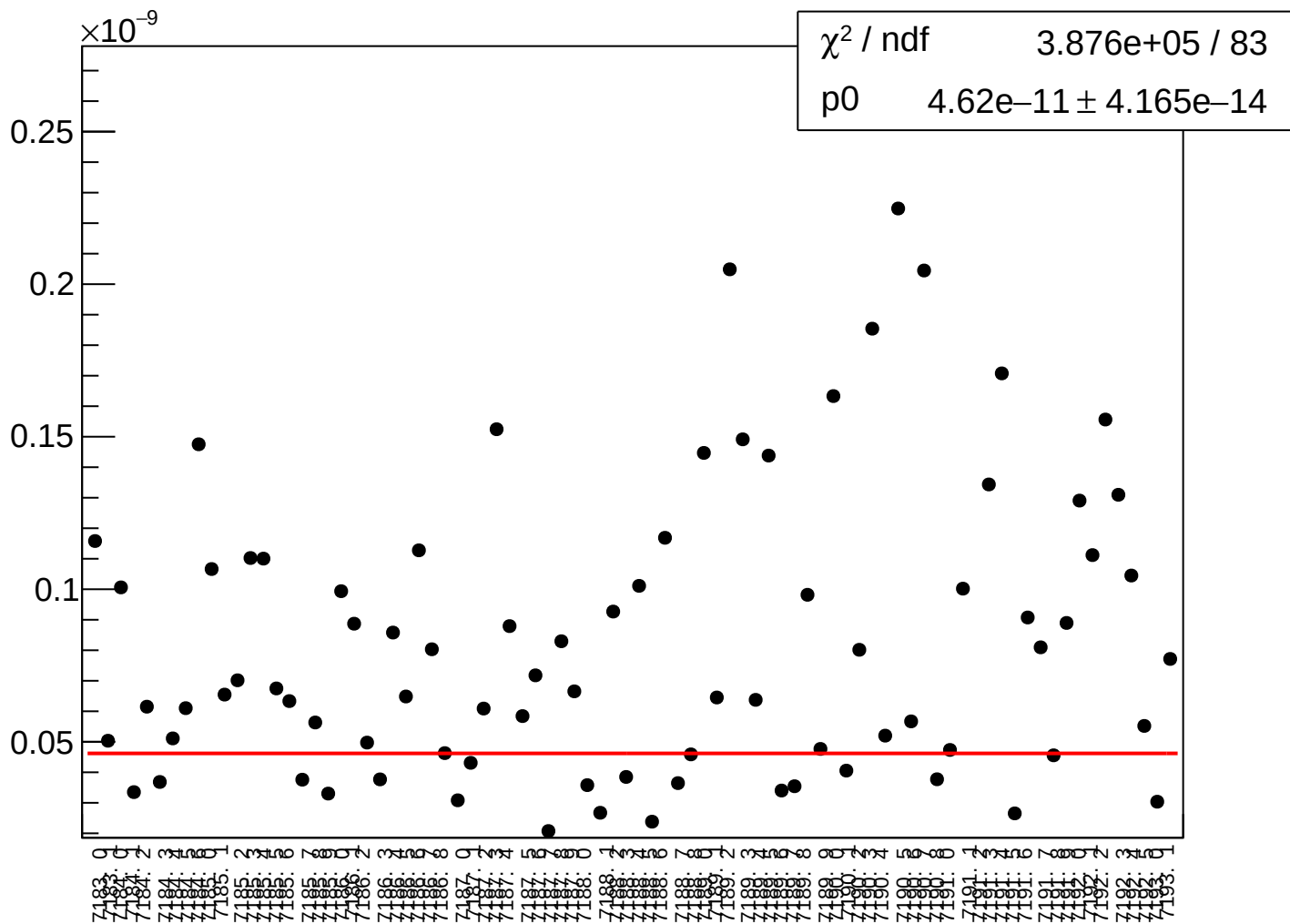
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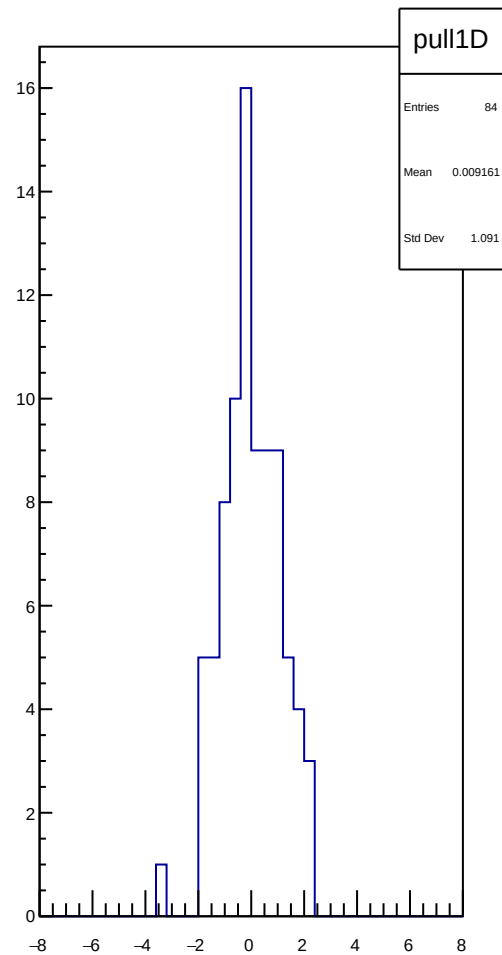
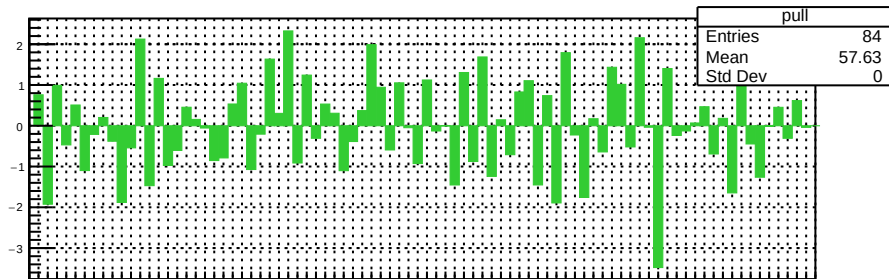
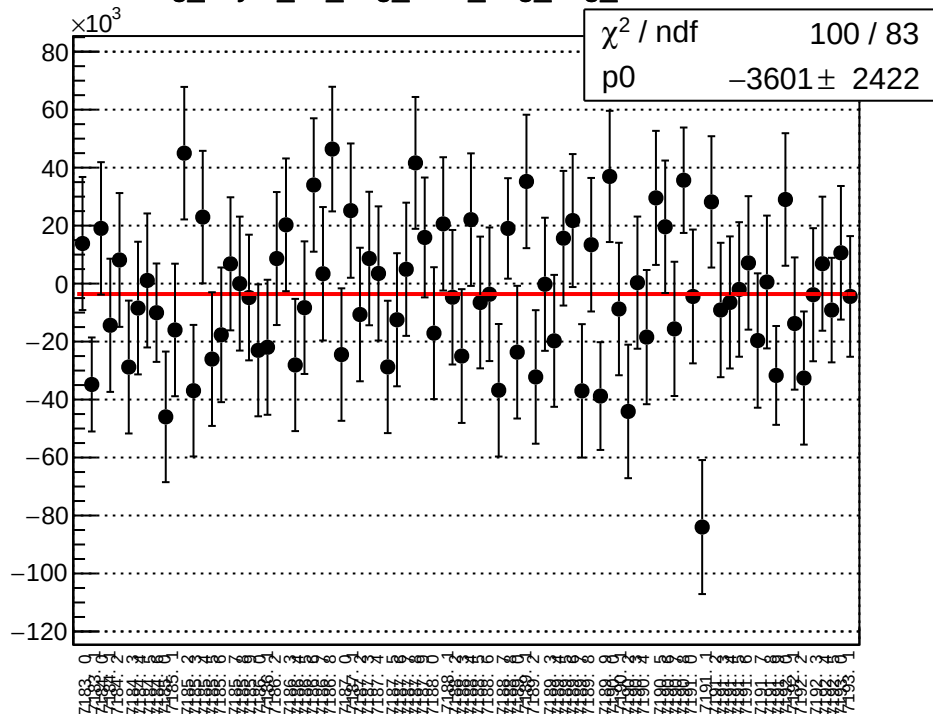
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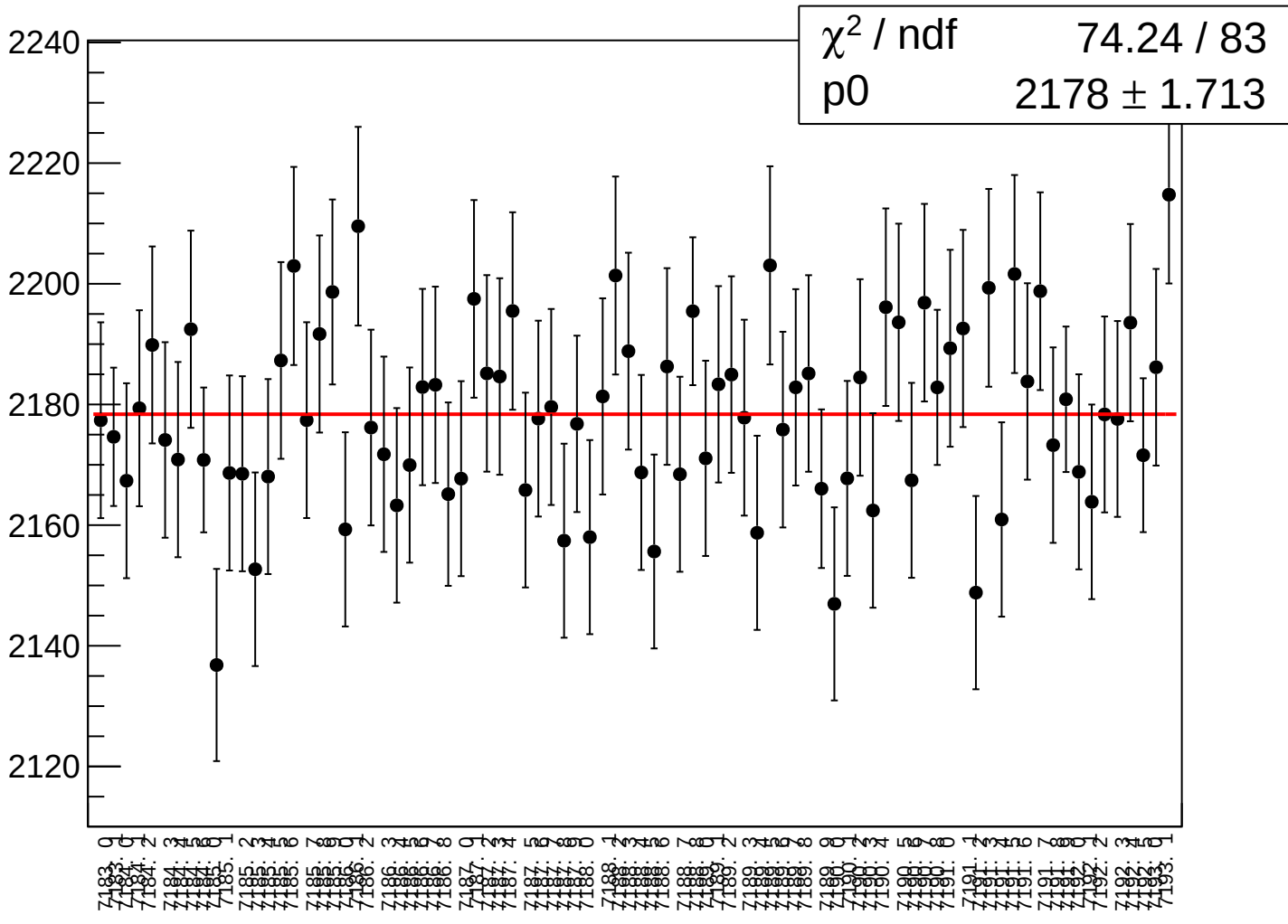
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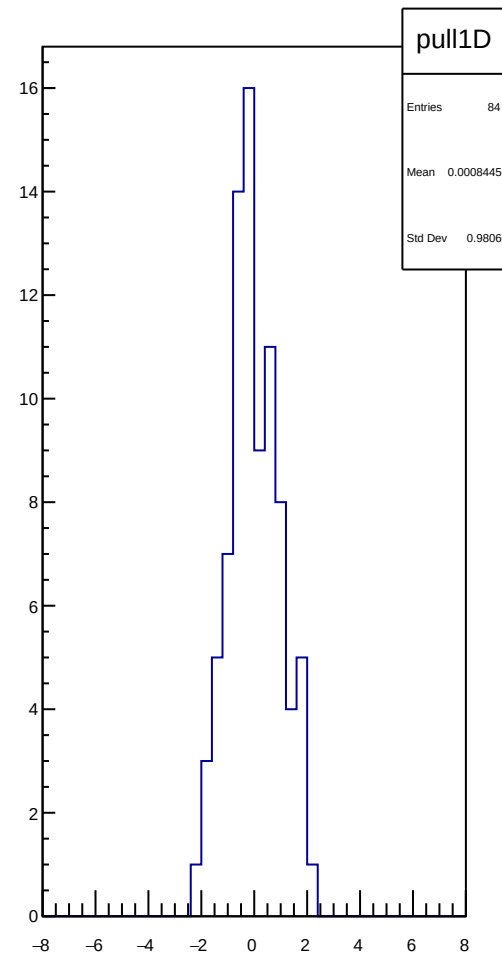
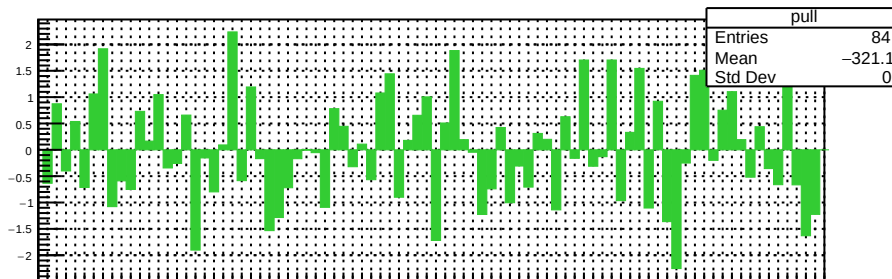
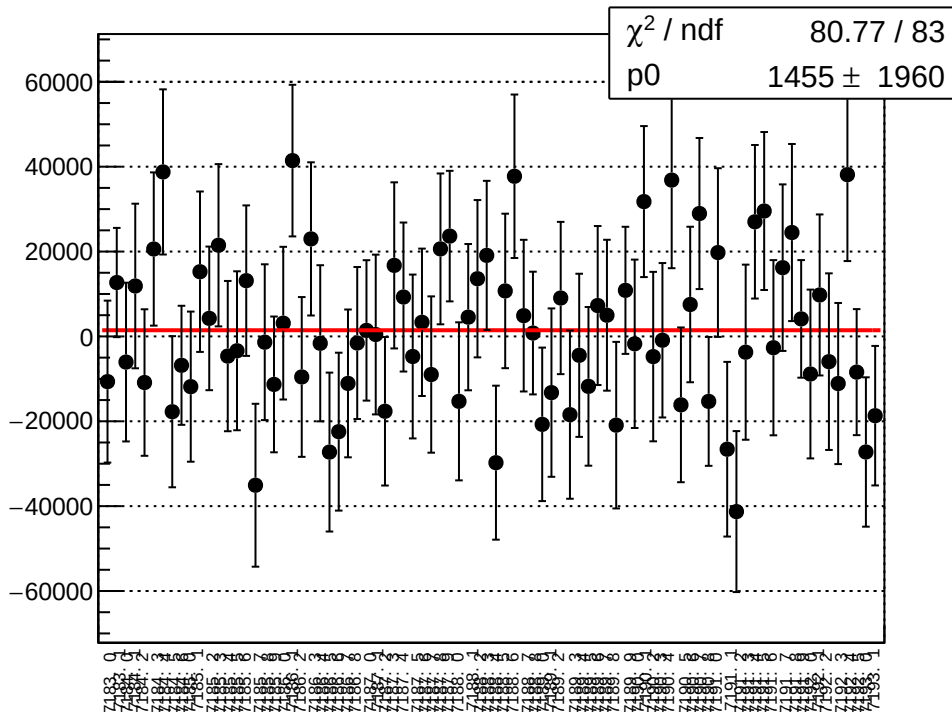
reg_asym_us_avg_at1lr_avg_avg_mean vs run



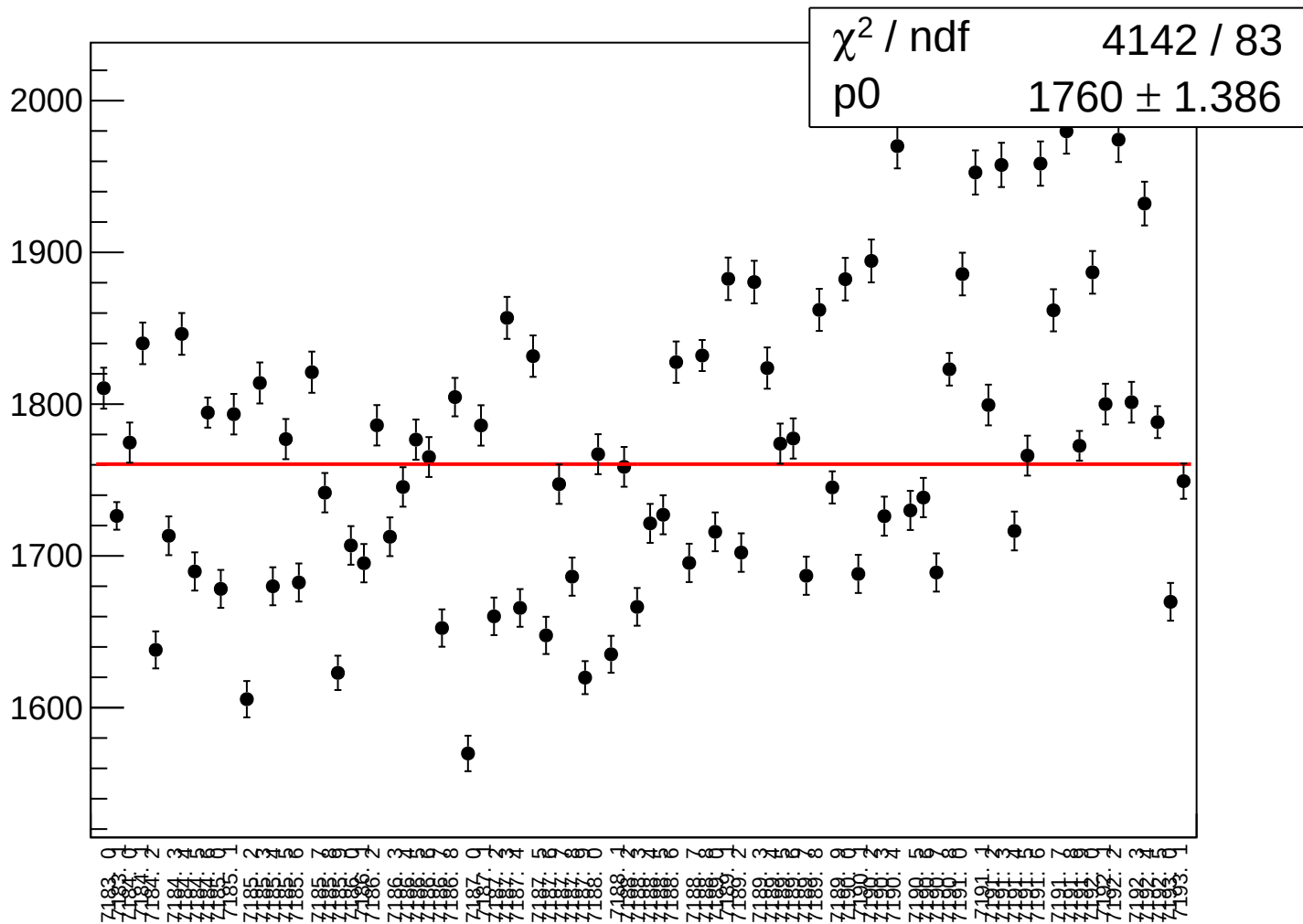
reg_asym_us_avg_at1lr_avg_avg_rms vs run



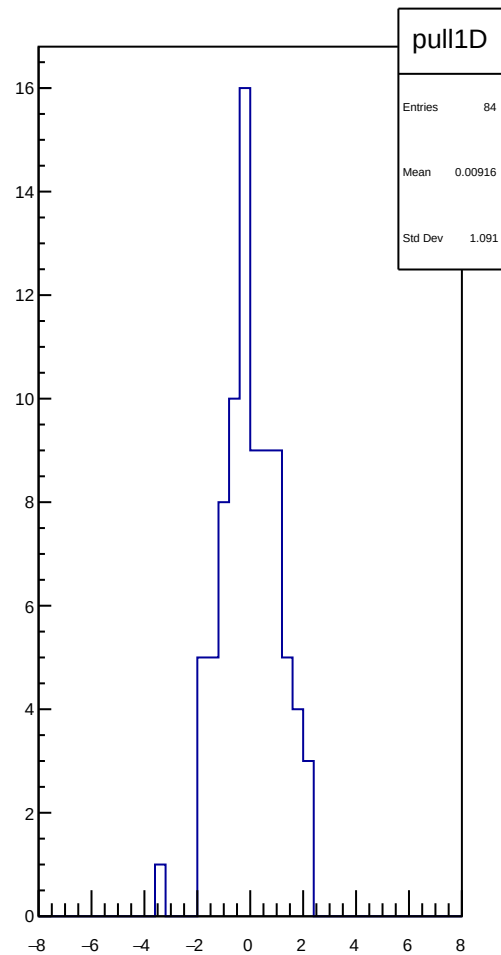
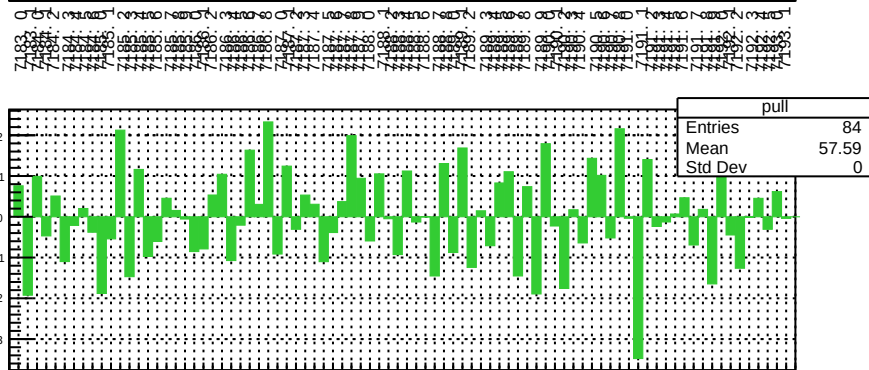
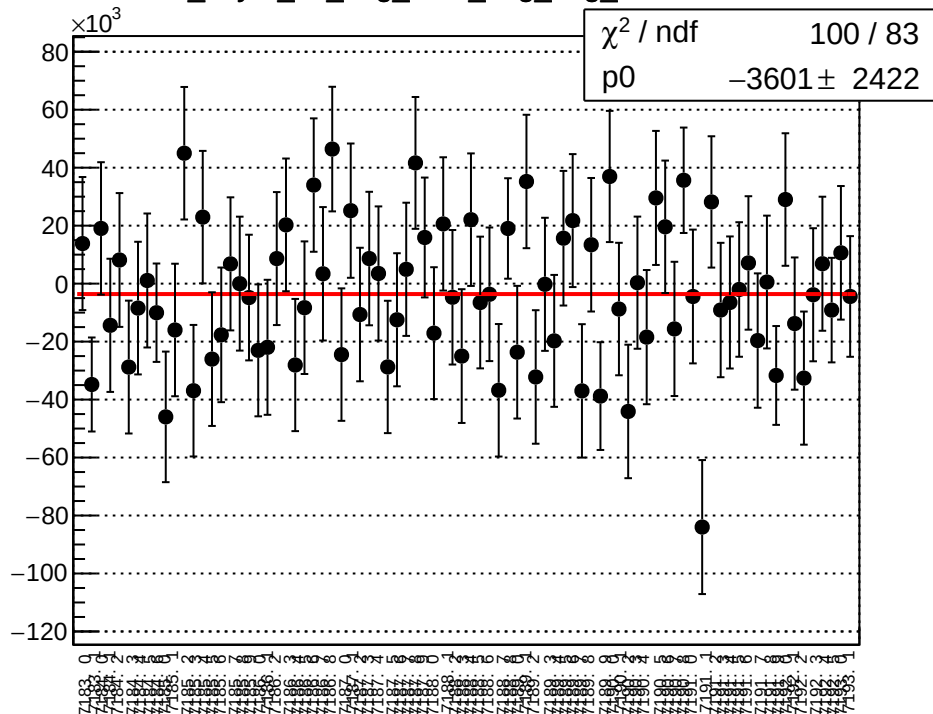
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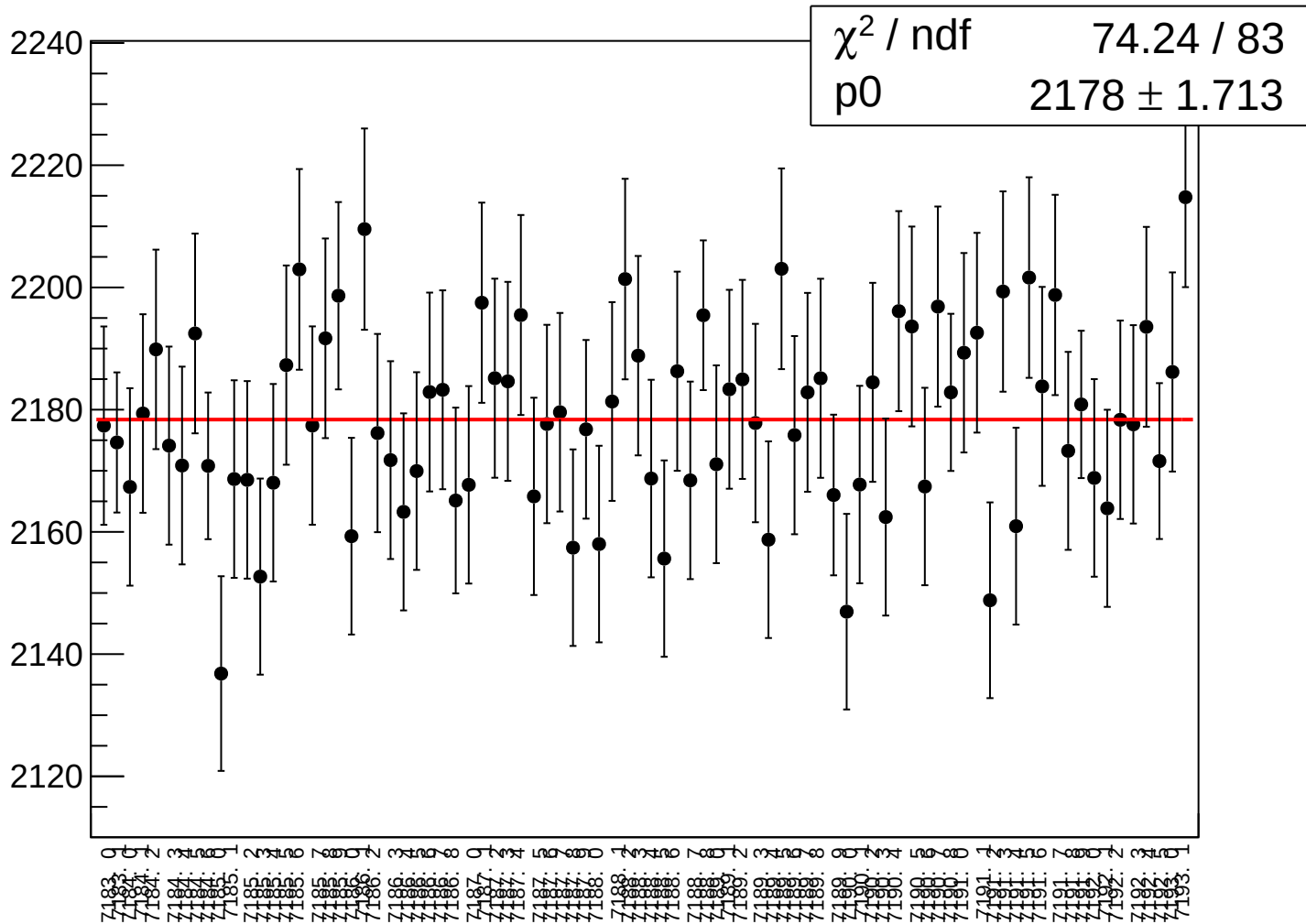
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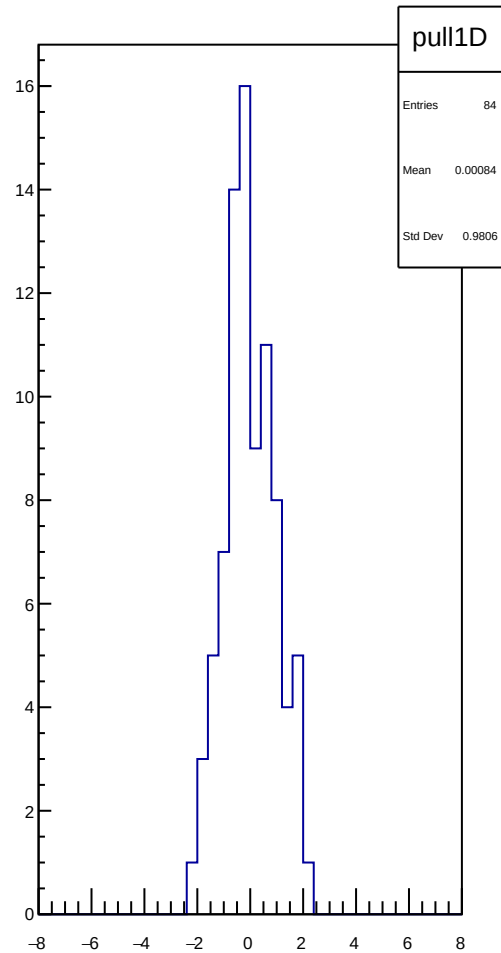
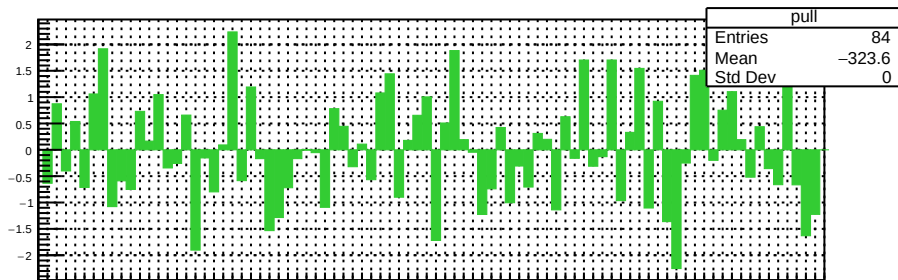
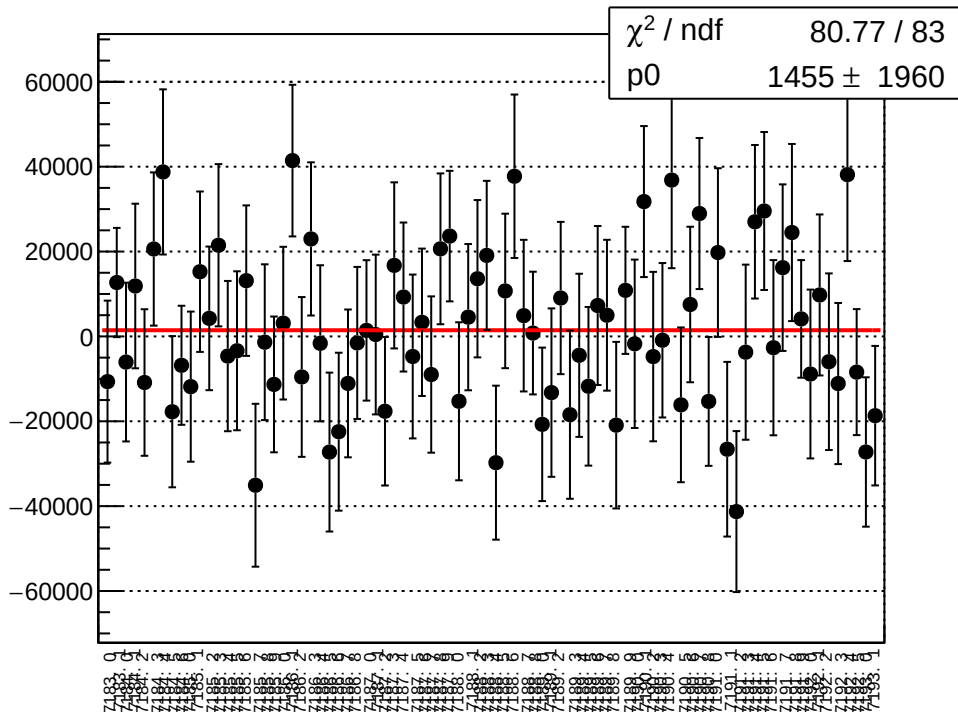
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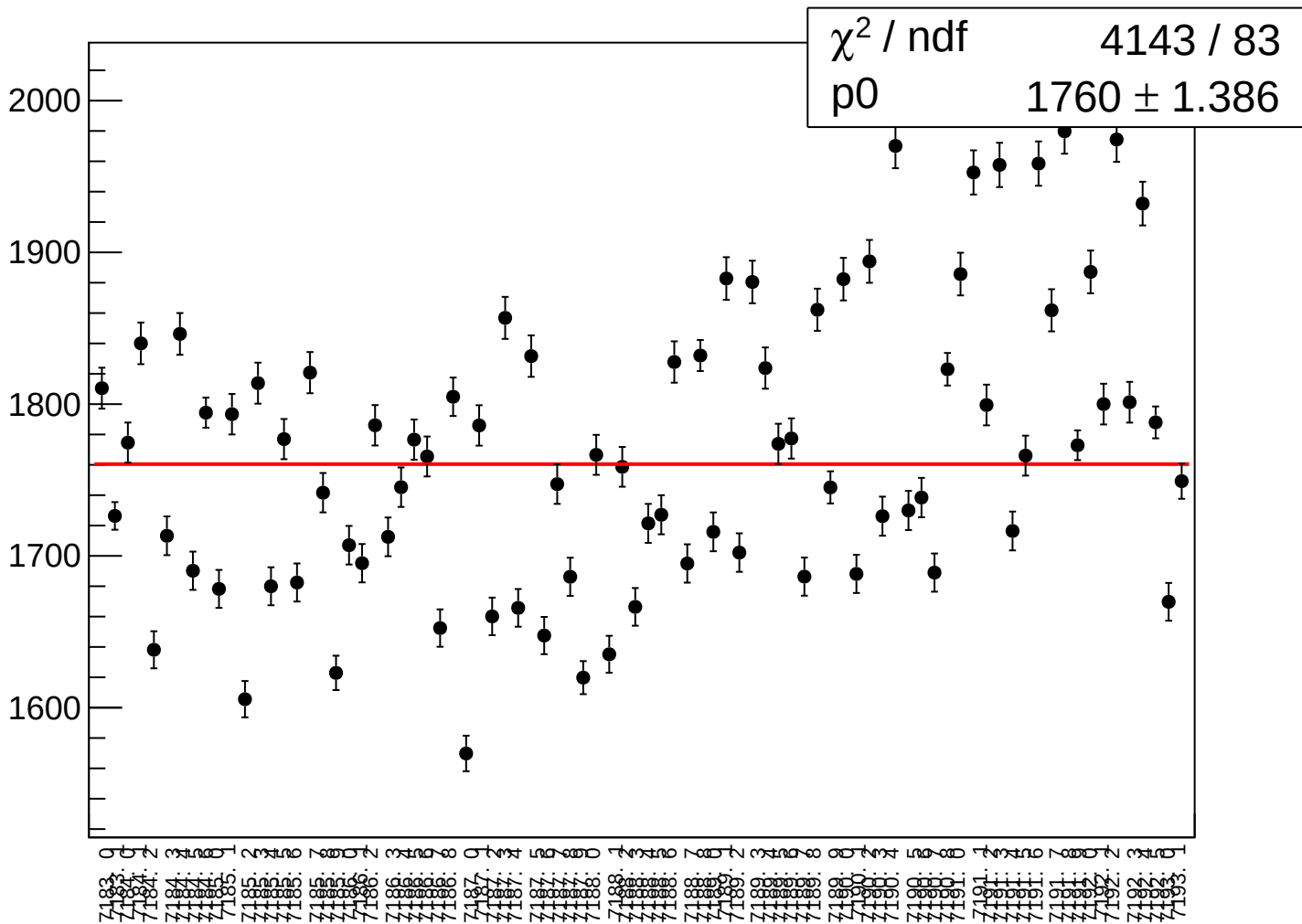
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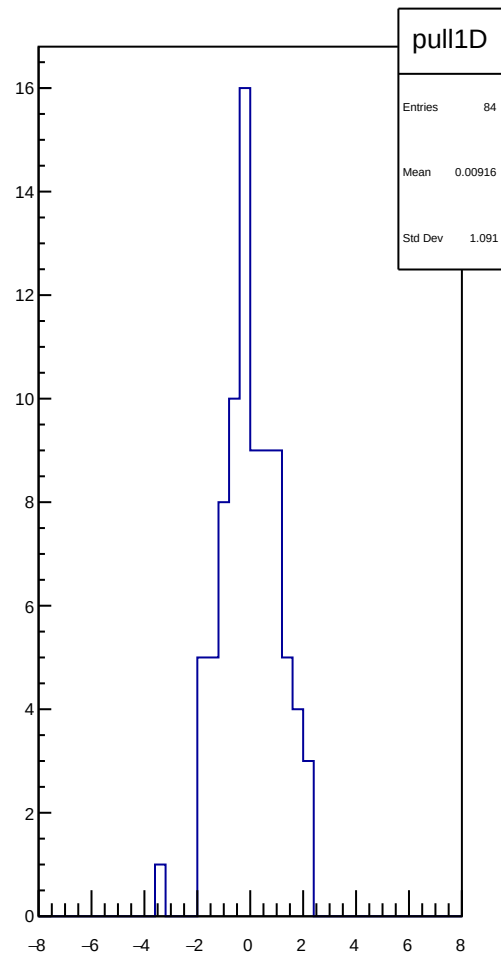
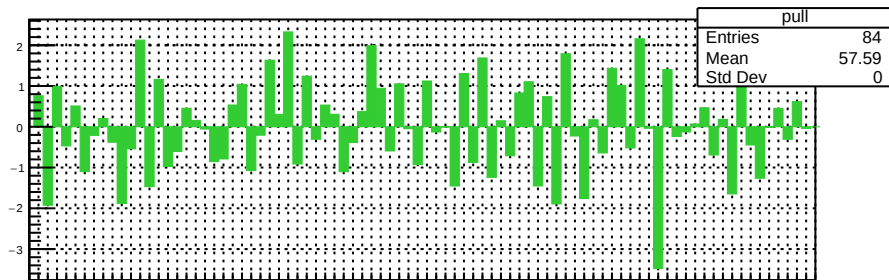
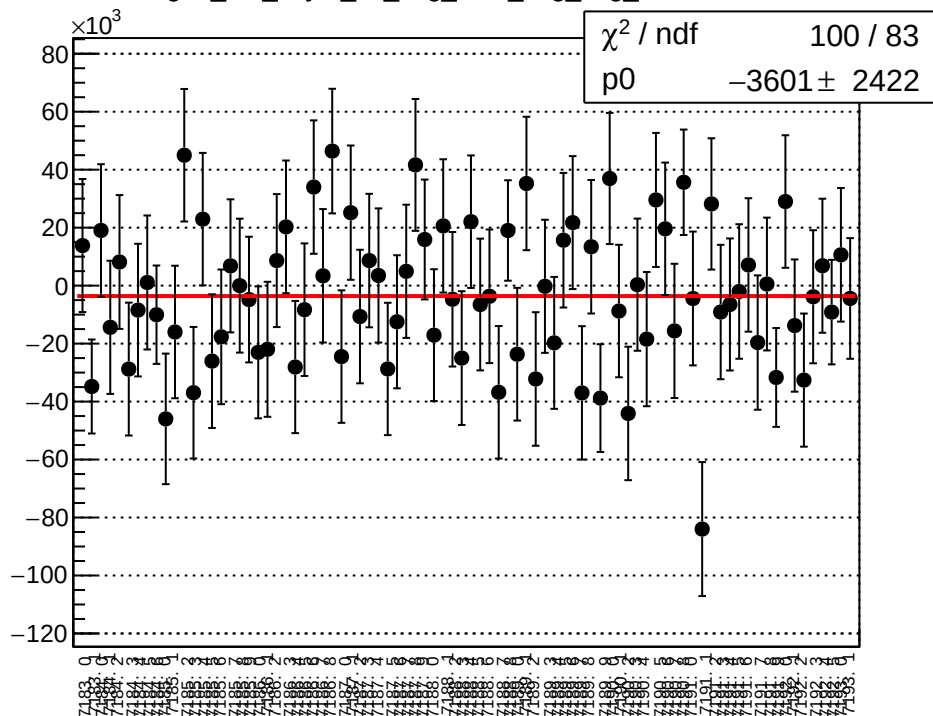
asym_us_avg_at1lr_avg_avg_cor_correction_mean vs run



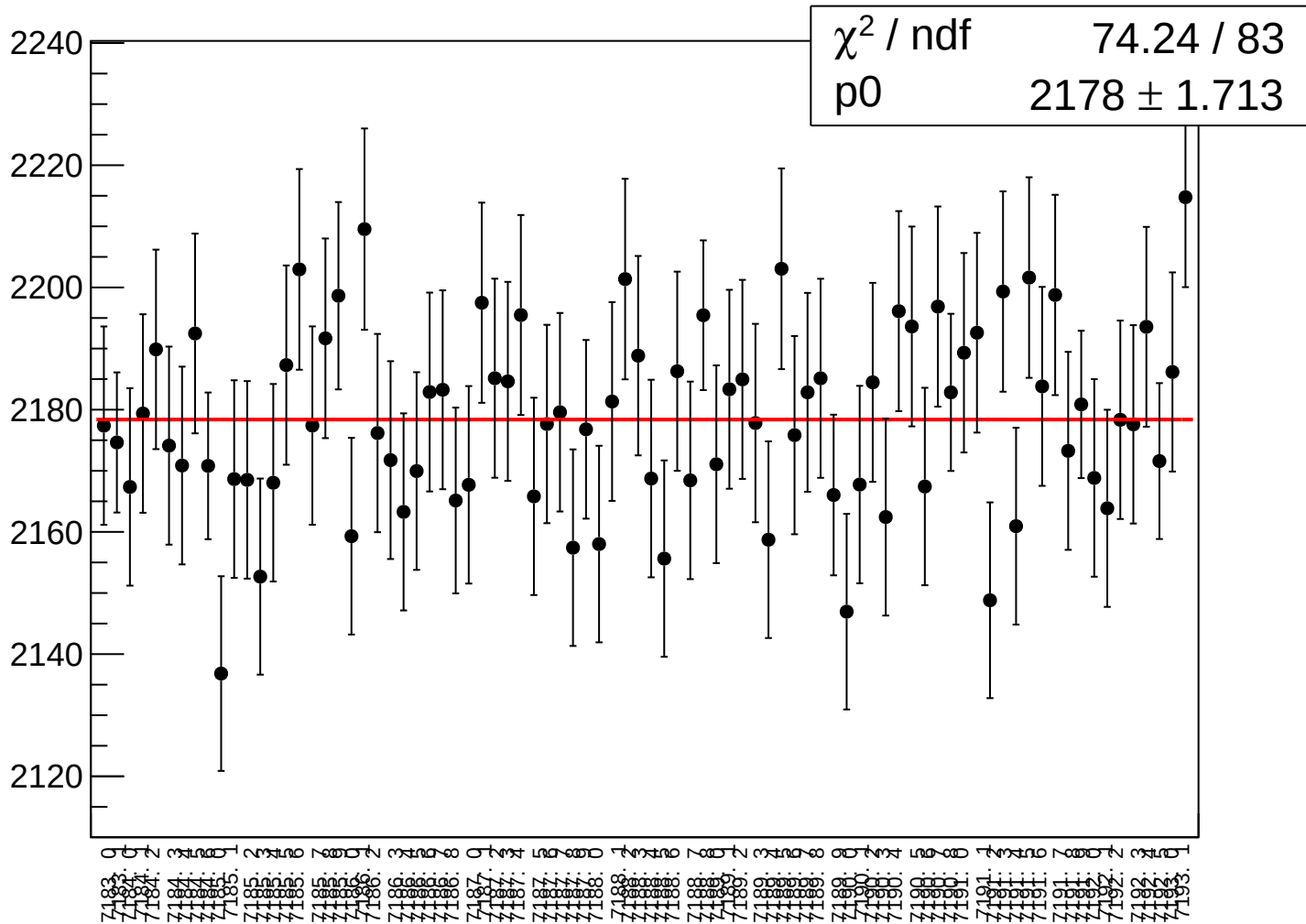
asym_us_avg_at1lr_avg_avg_cor_correction_rms vs run



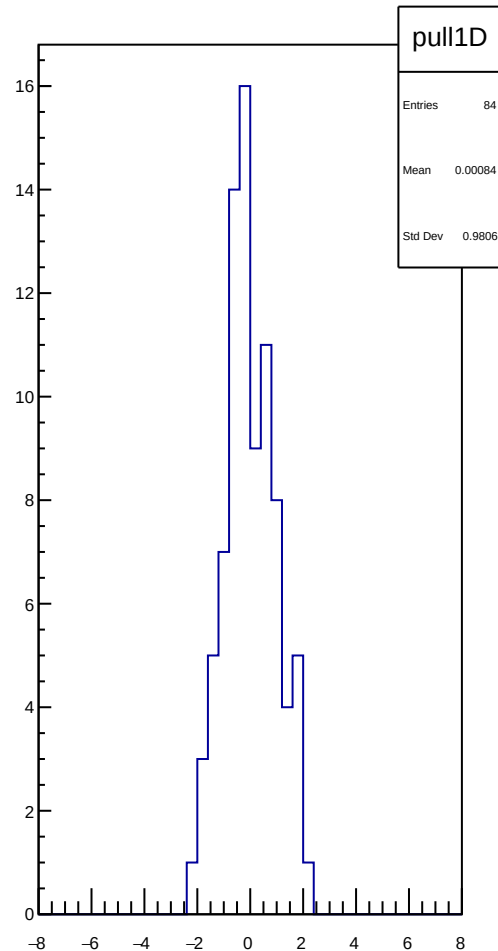
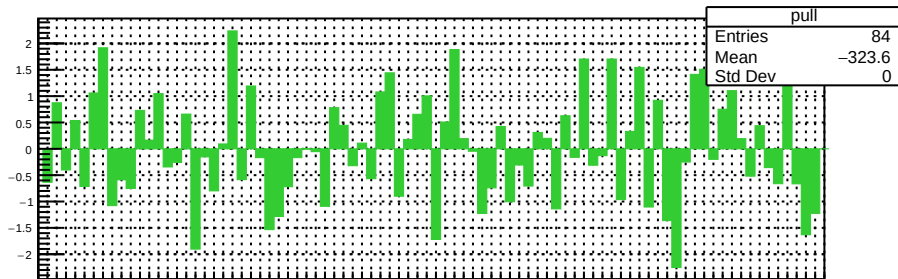
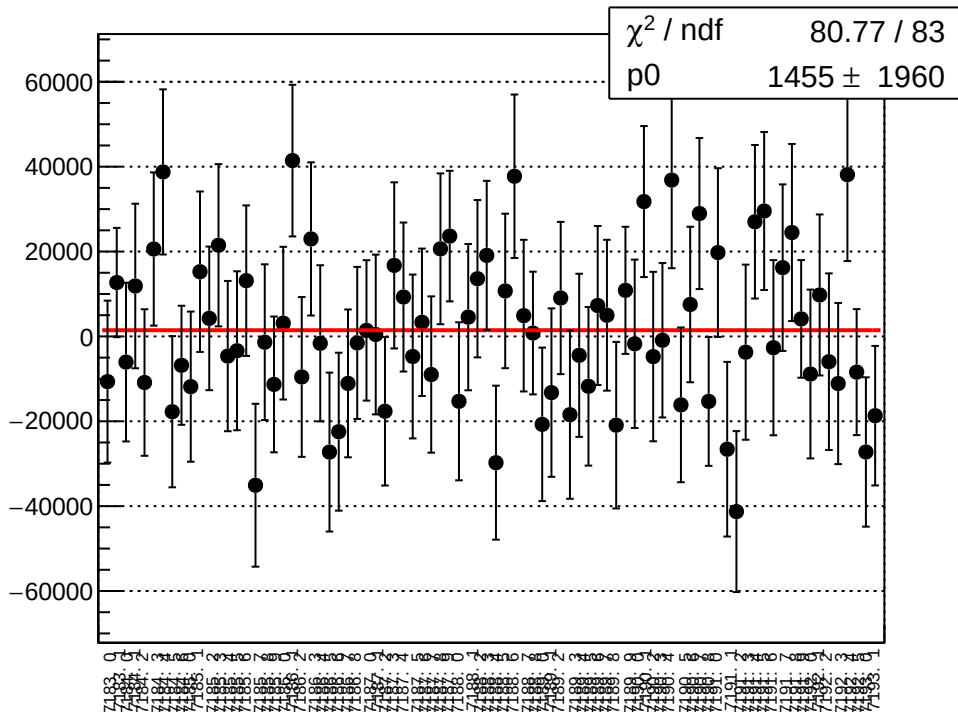
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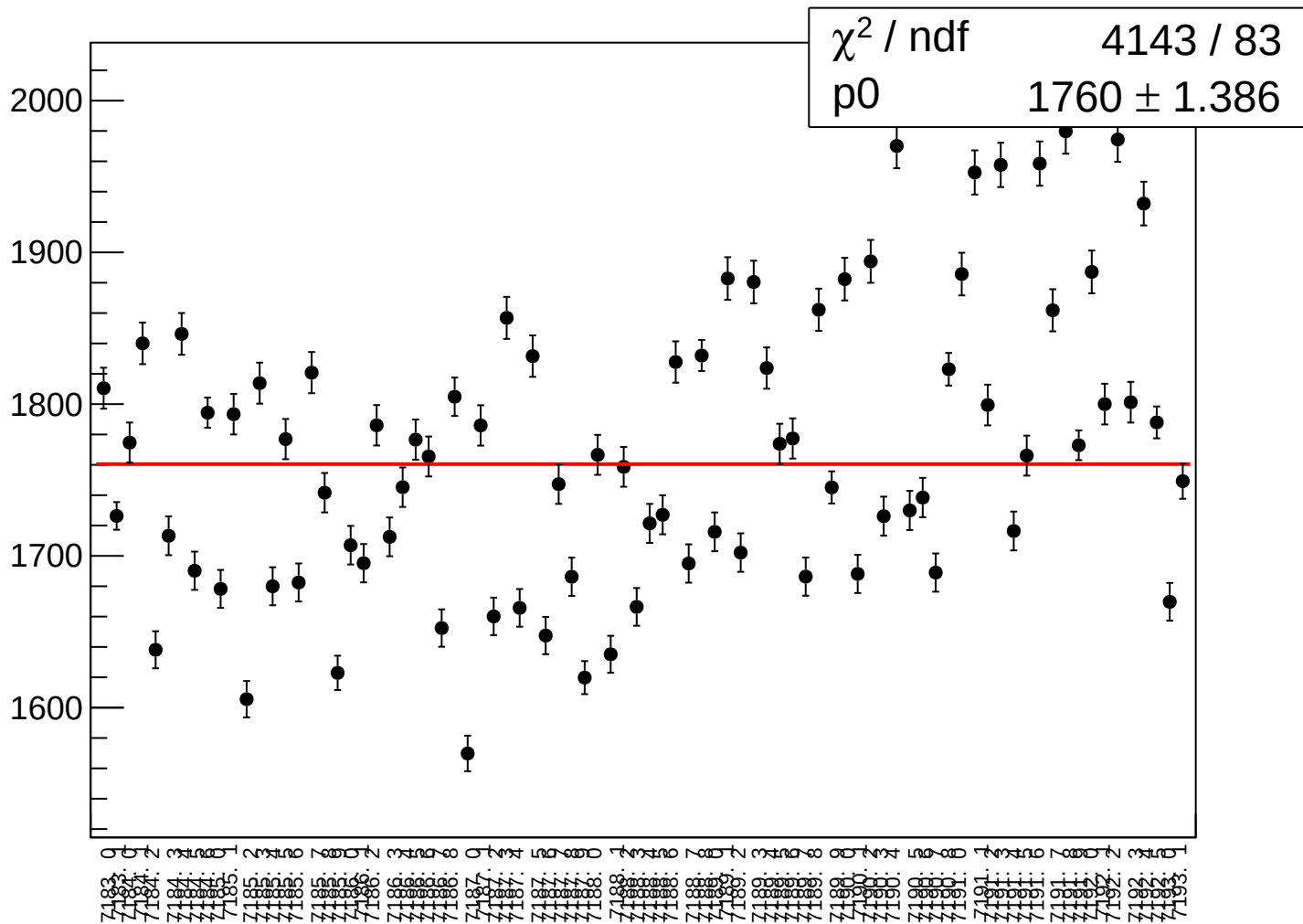
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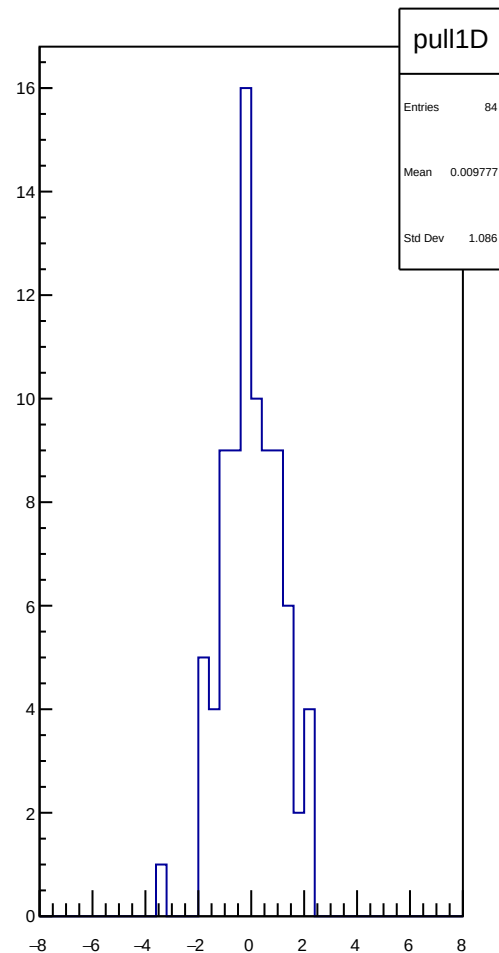
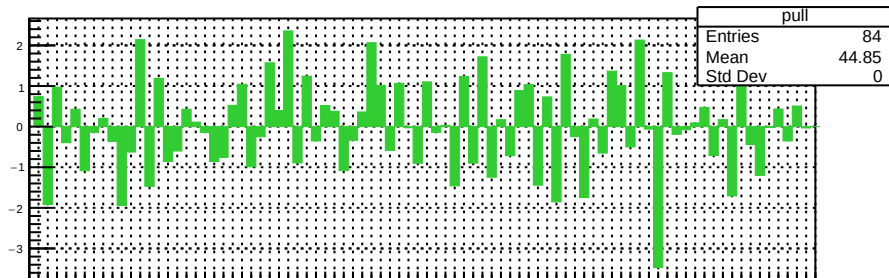
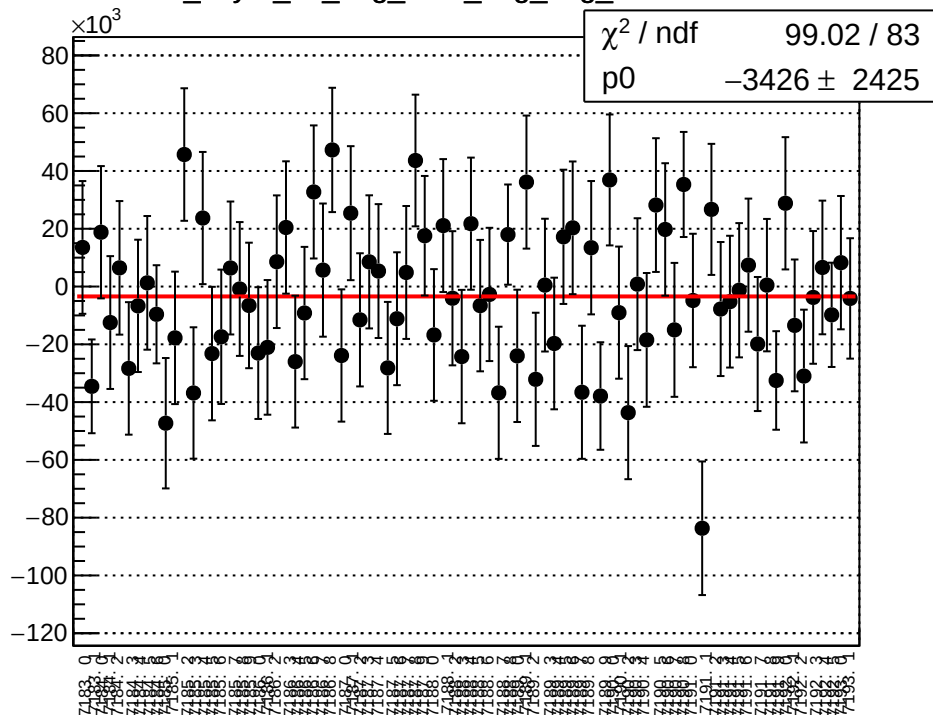
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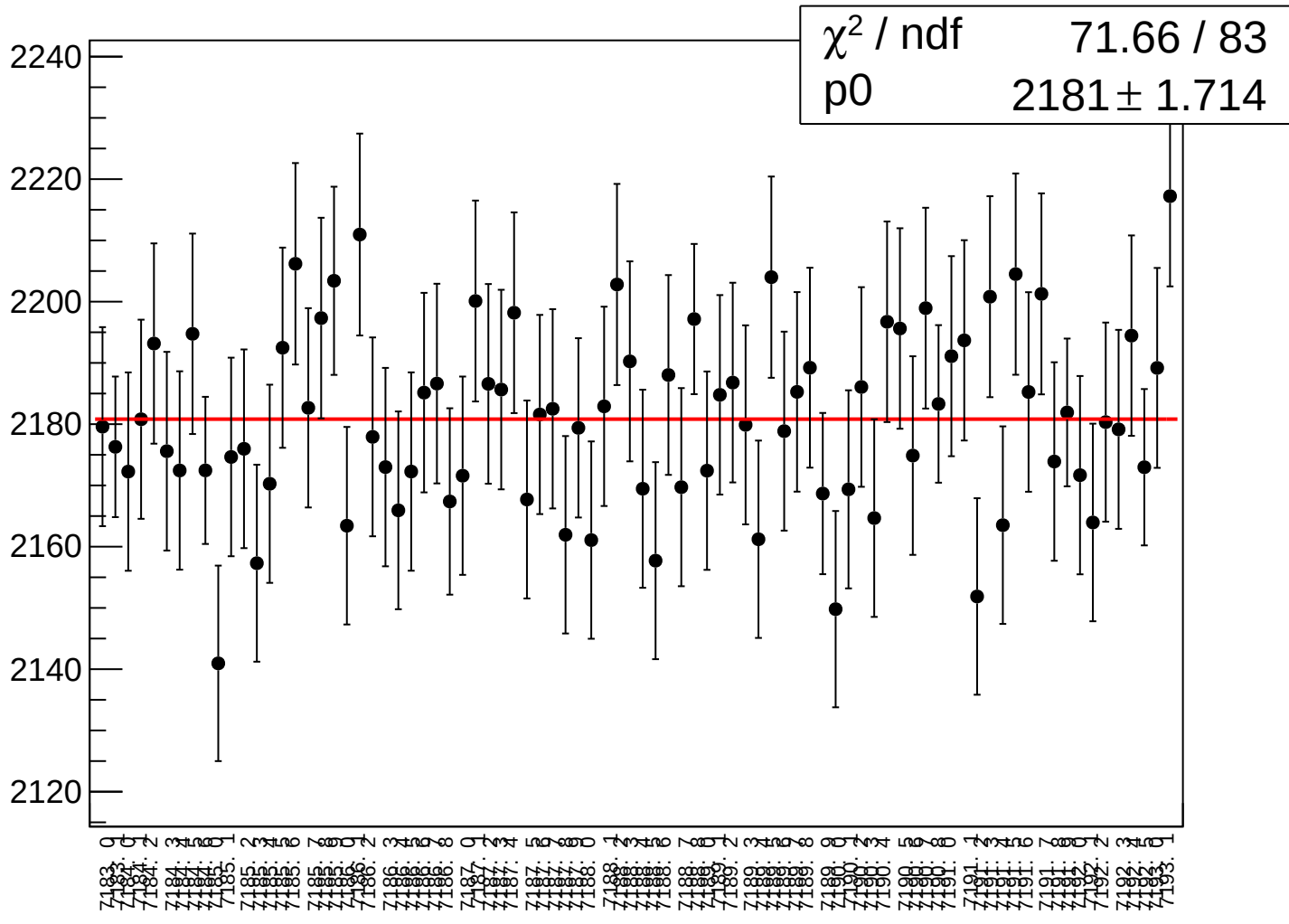
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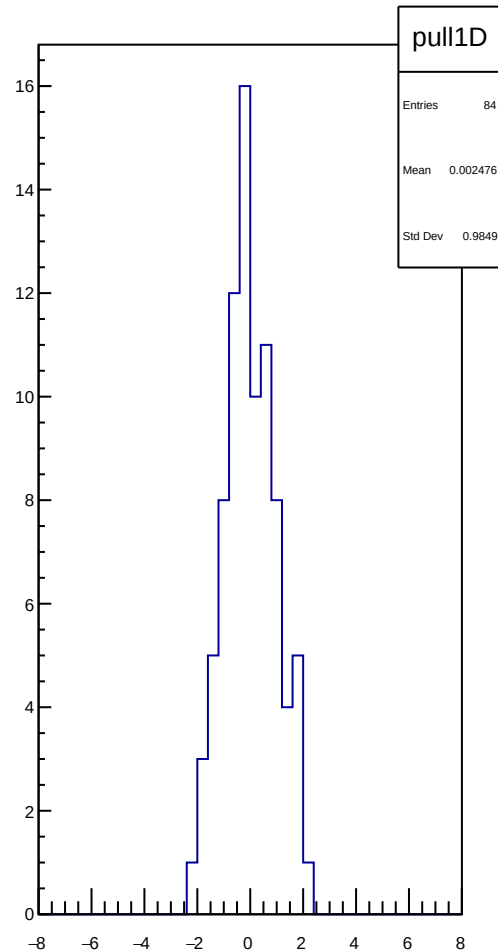
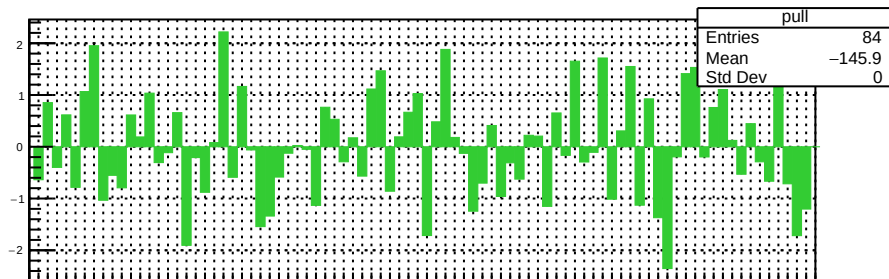
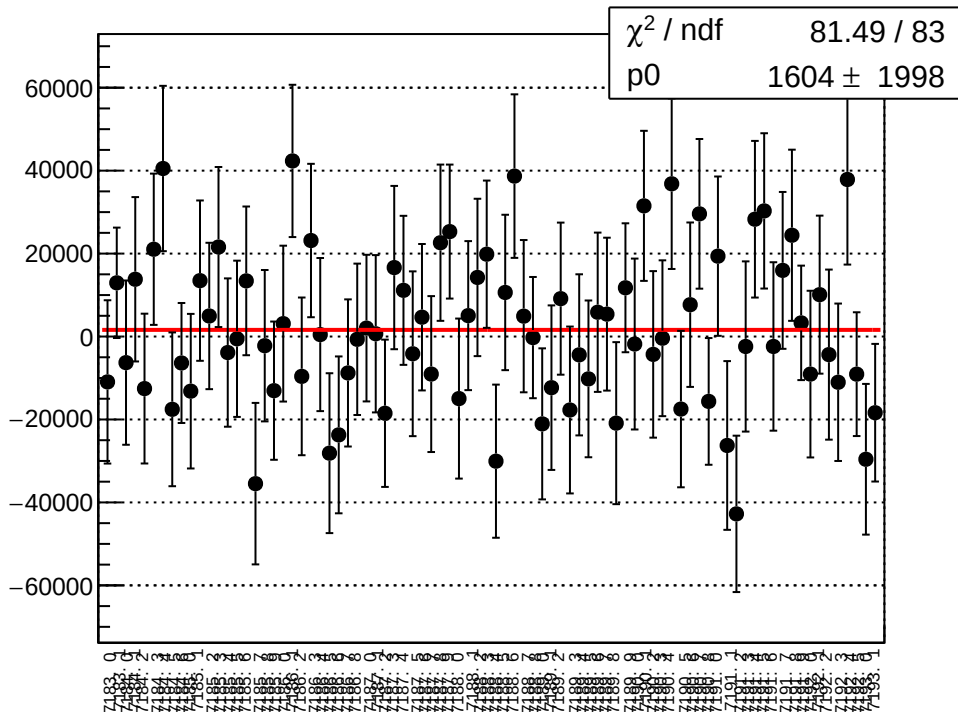
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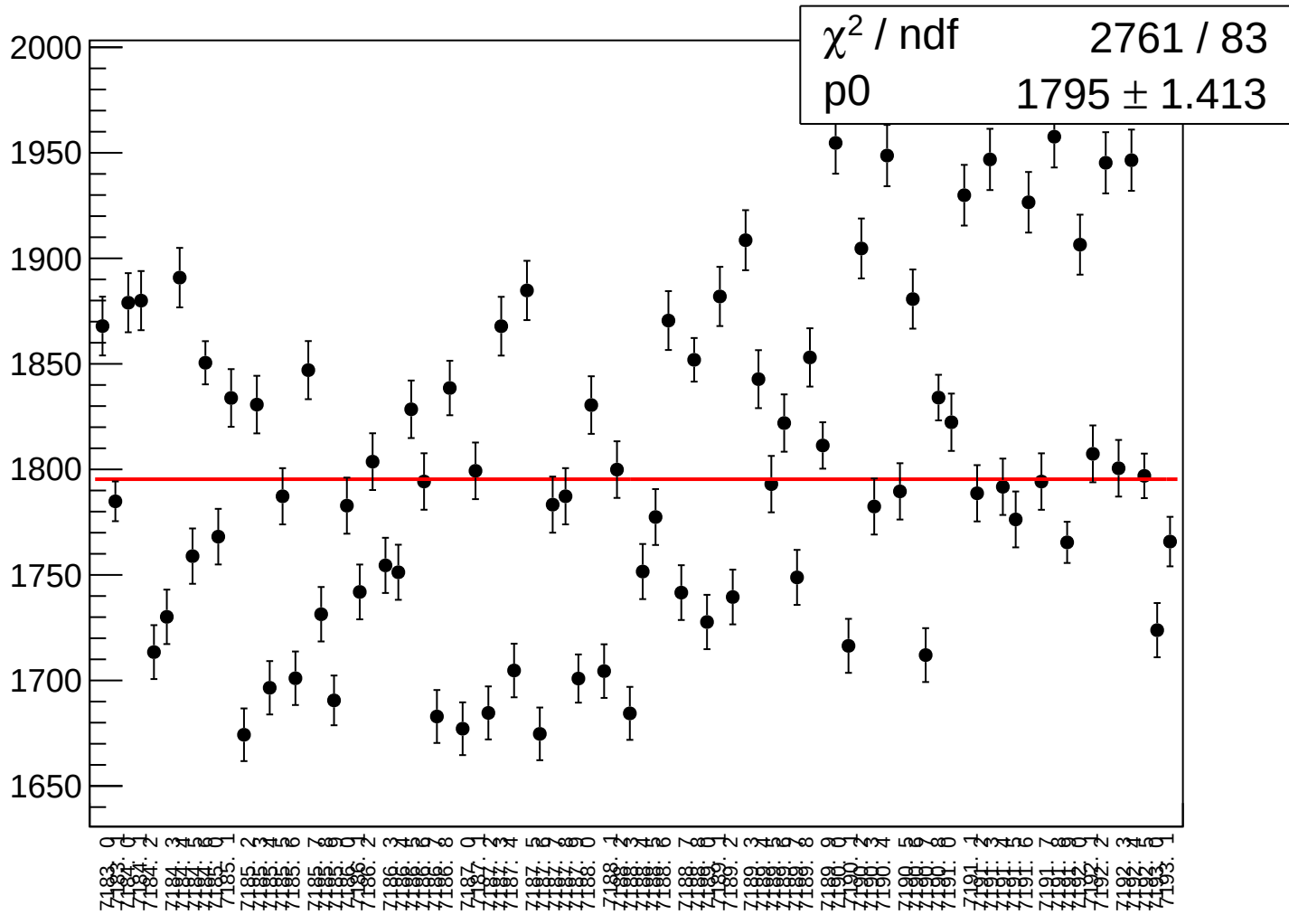
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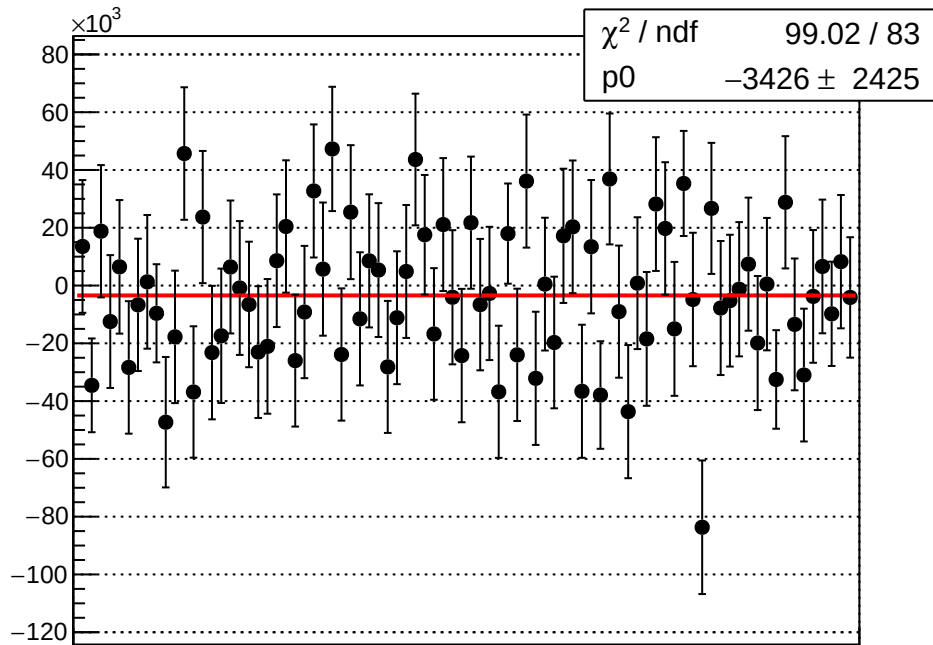
asym_us_avg_at1lr_avg_avg_dit_correction_mean vs run



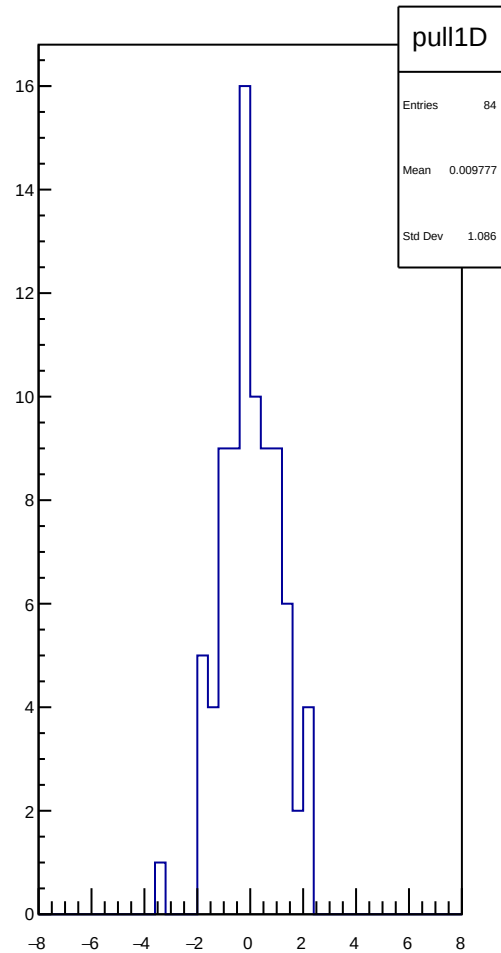
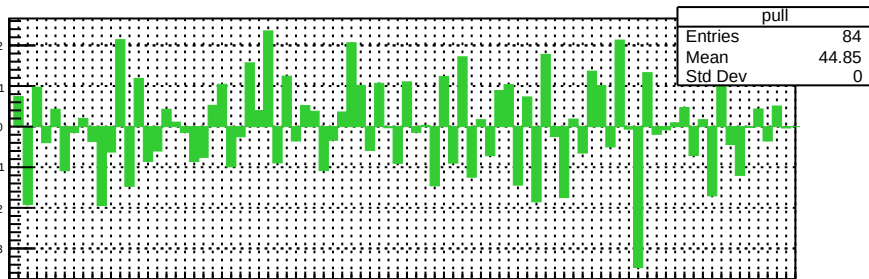
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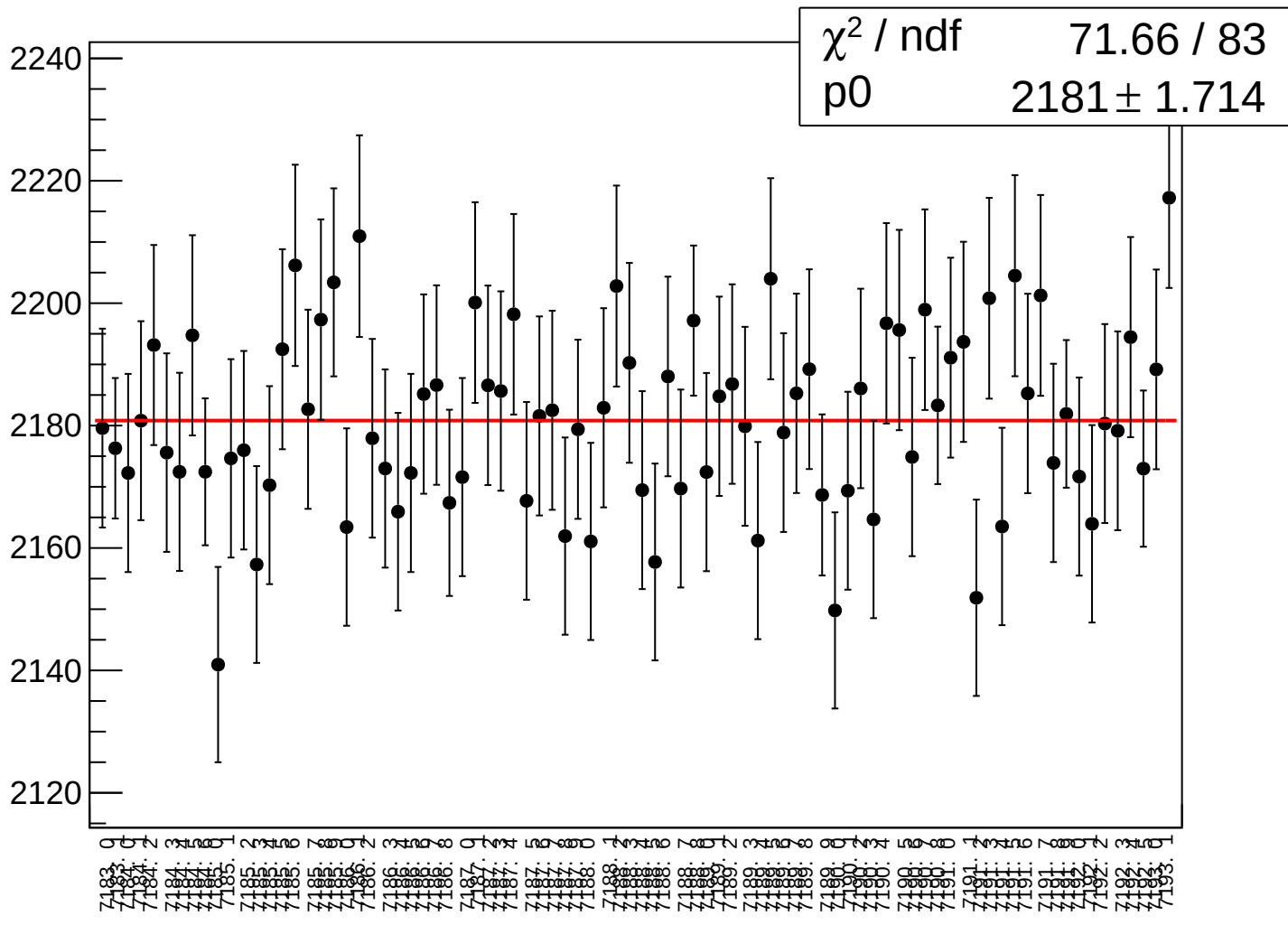
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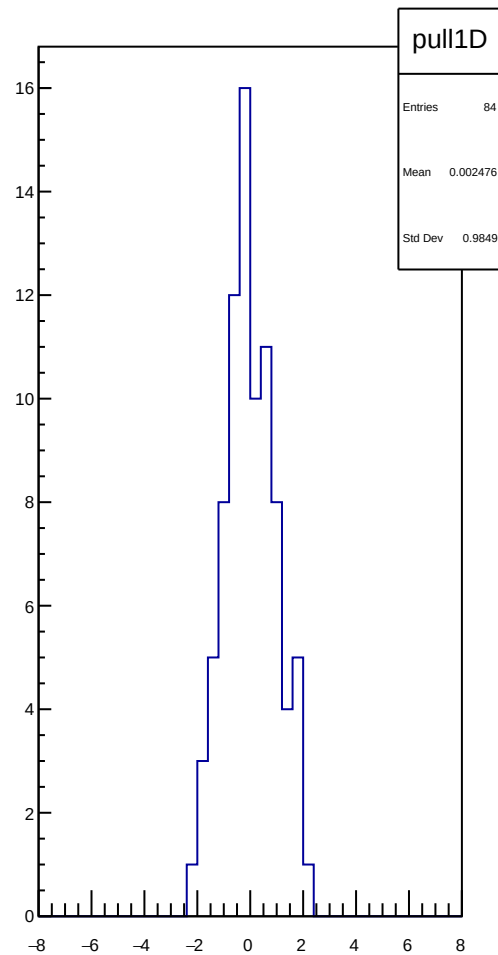
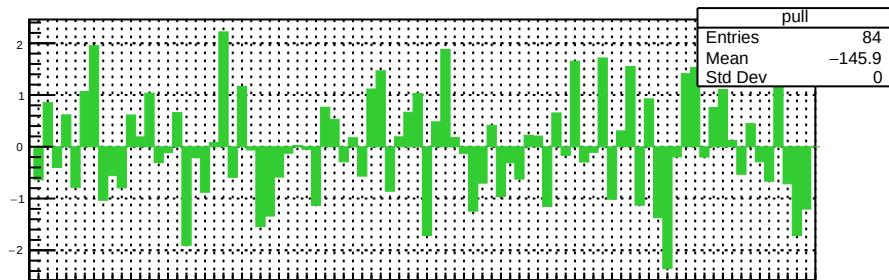
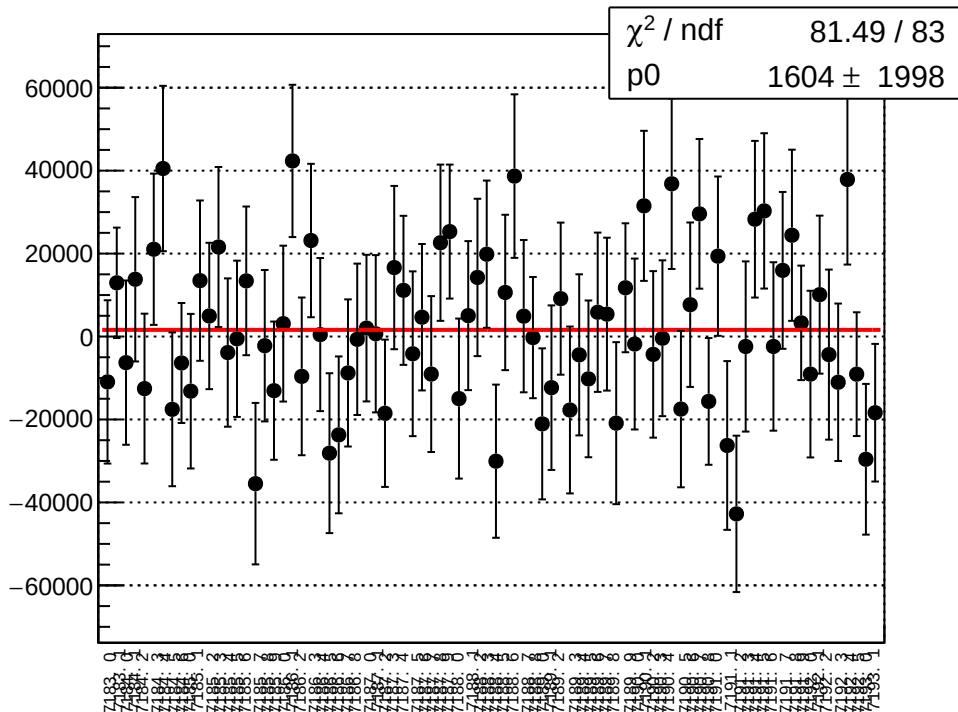
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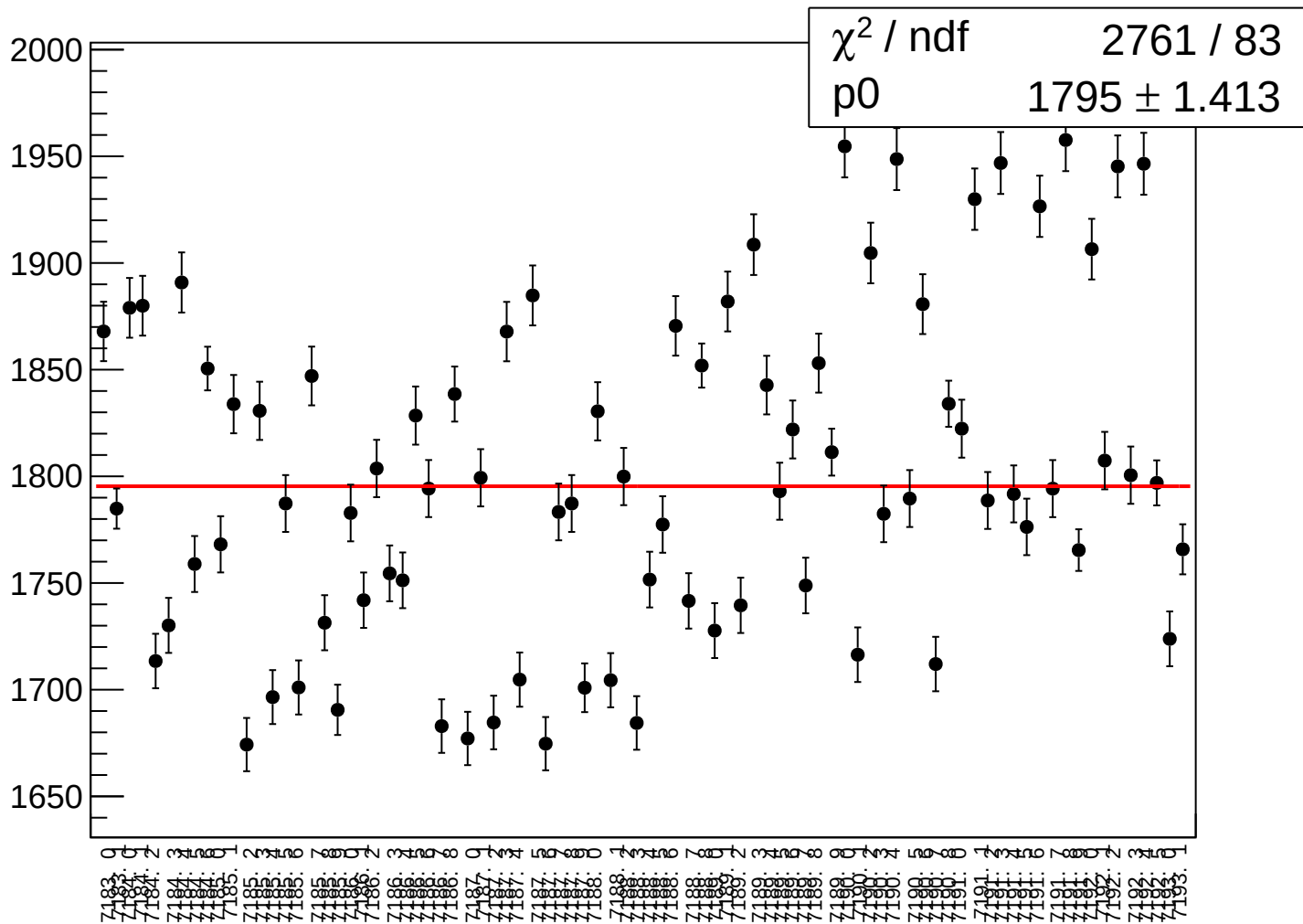
eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs run



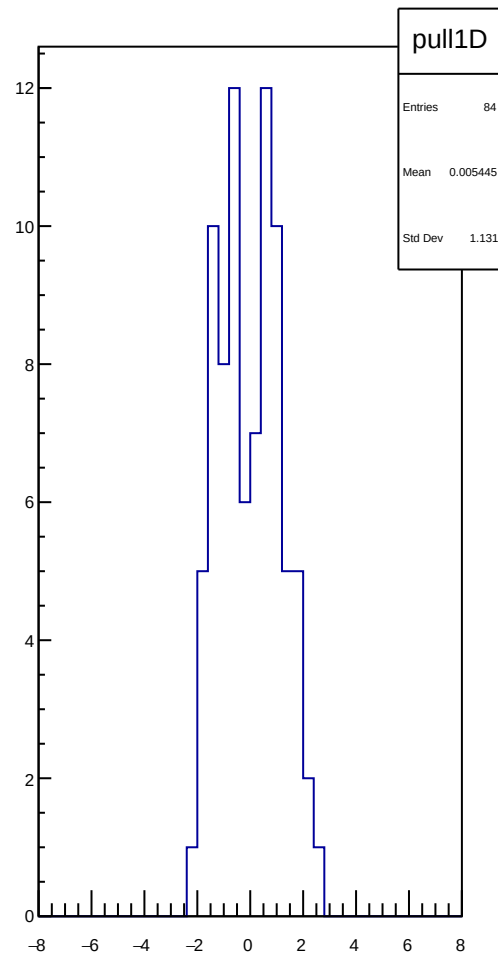
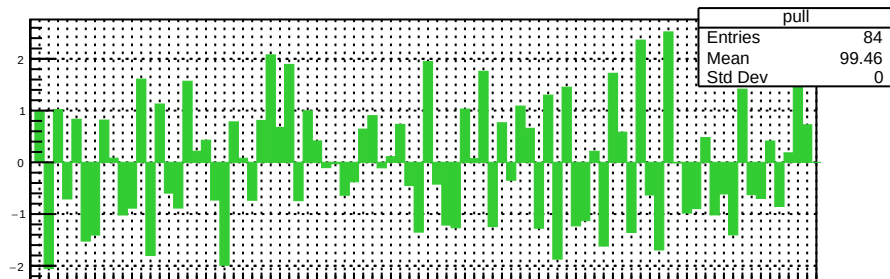
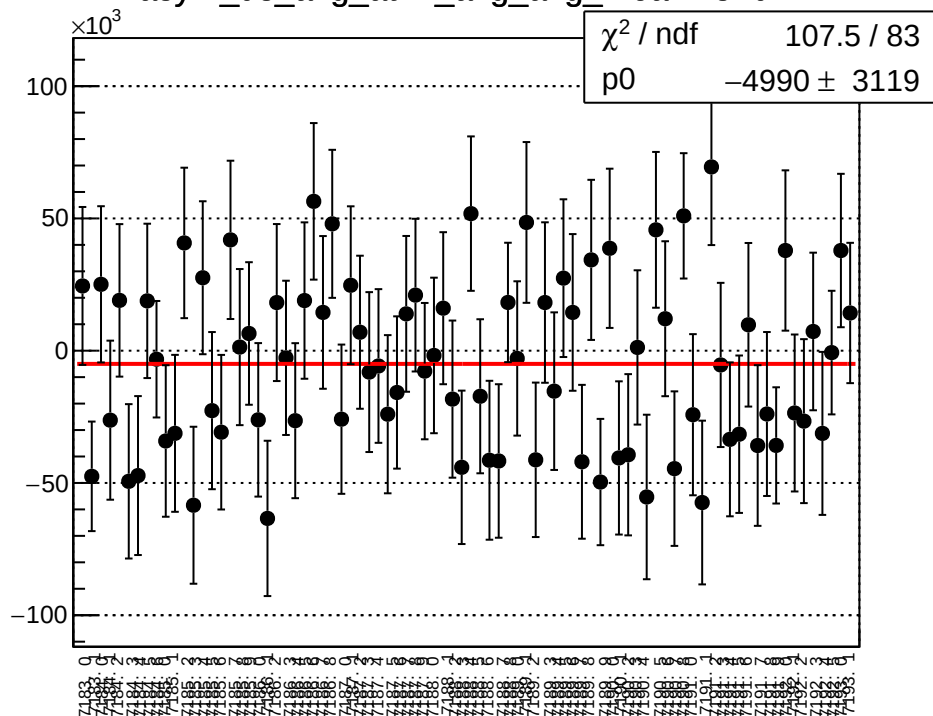
asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs run



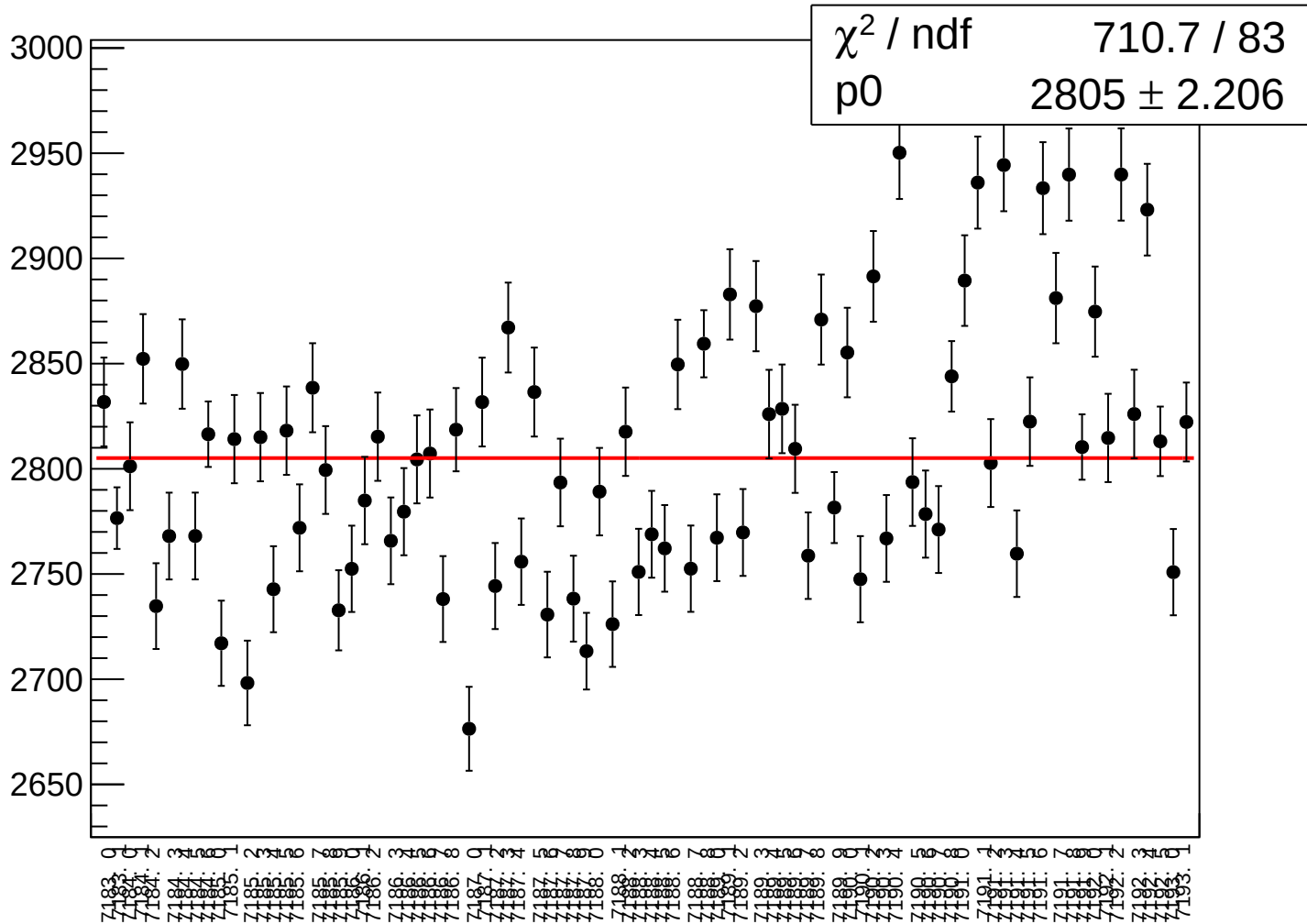
asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs run



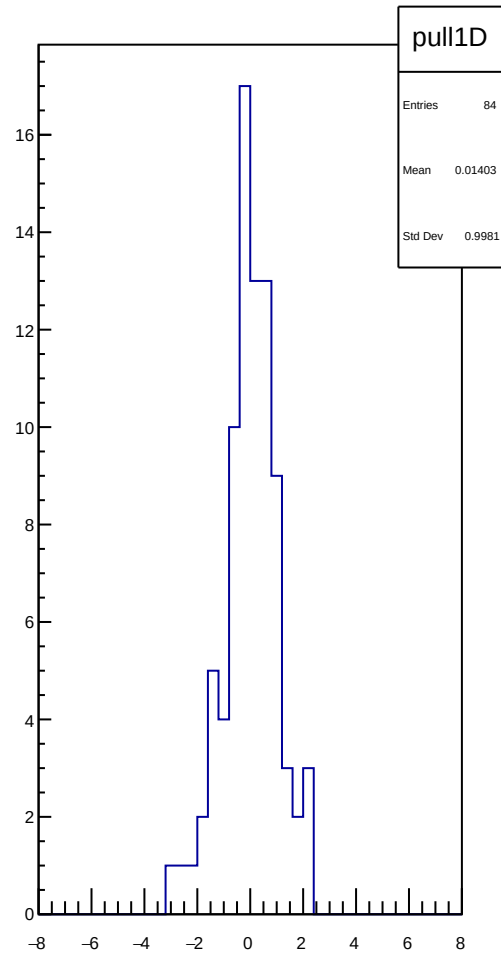
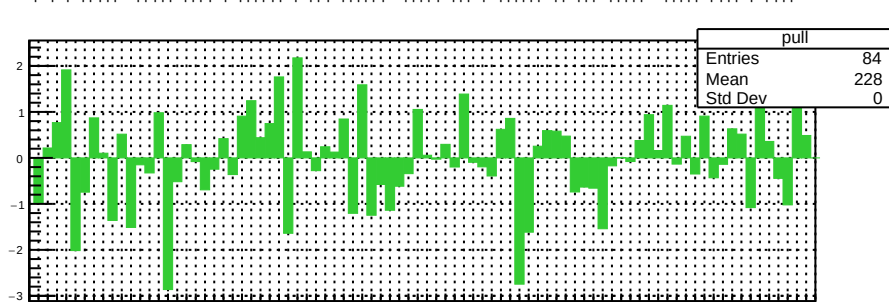
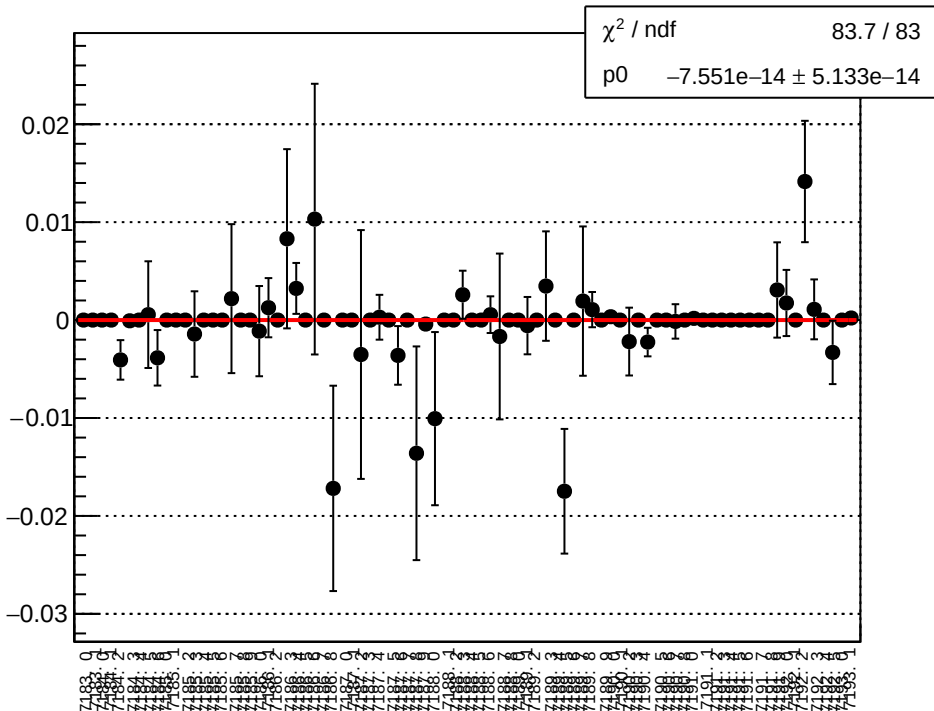
asym_us_avg_at1lr_avg_avg_mean vs run



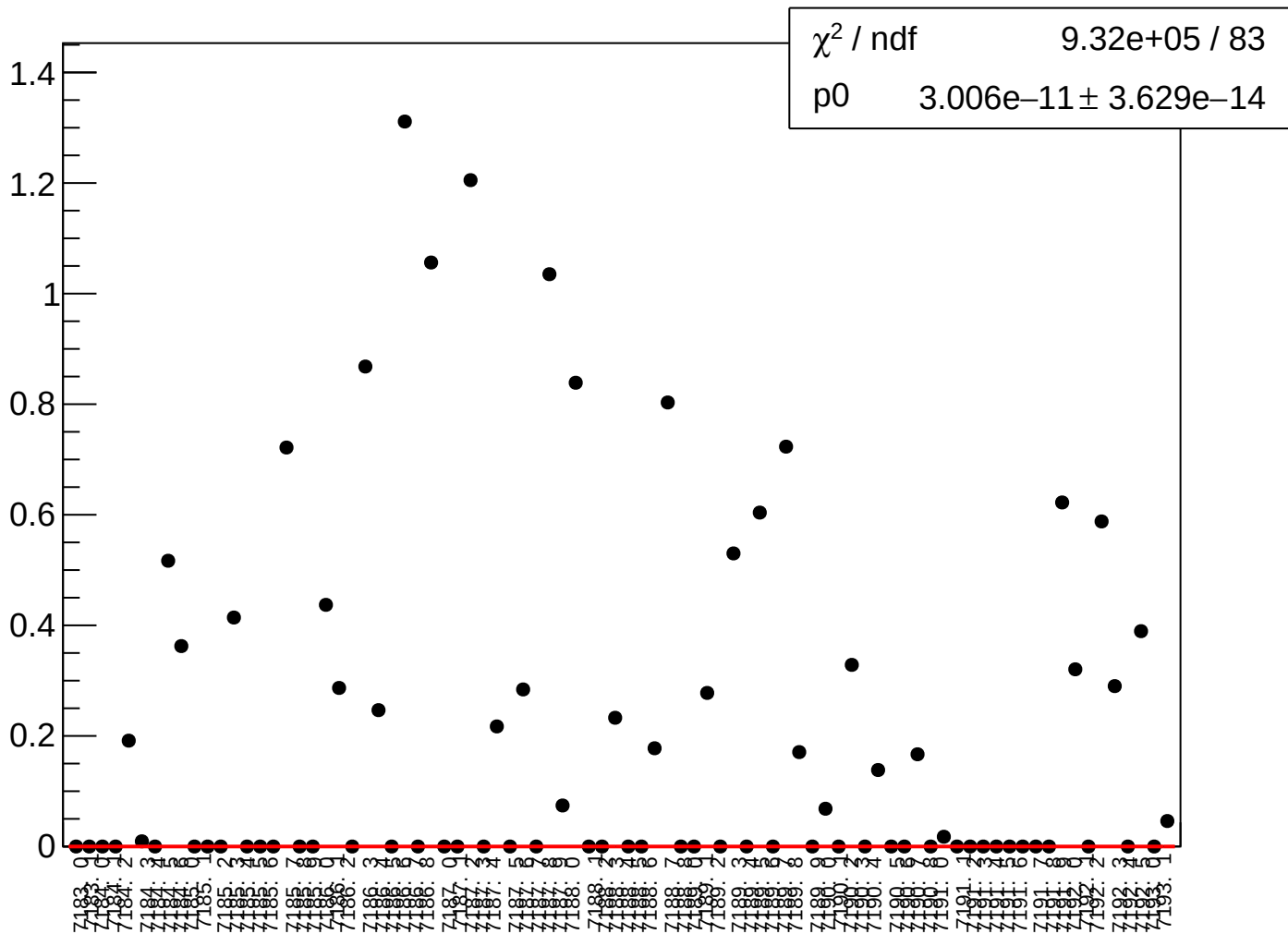
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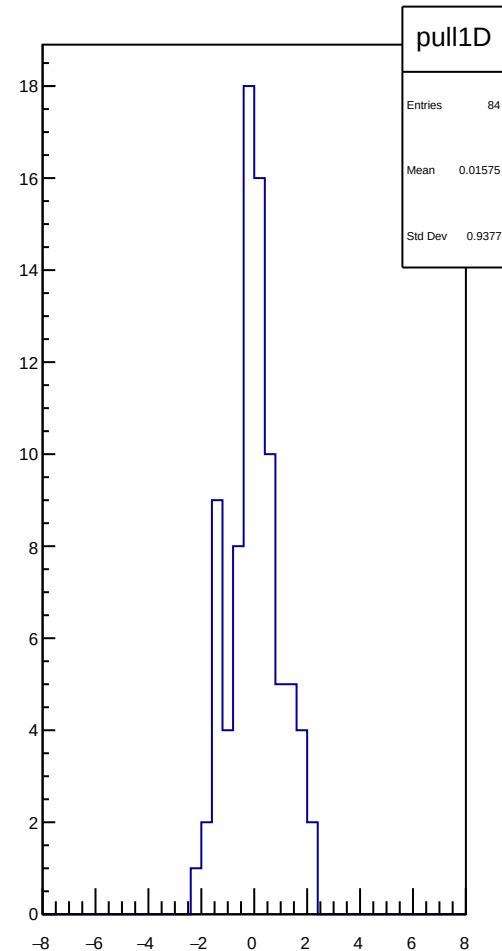
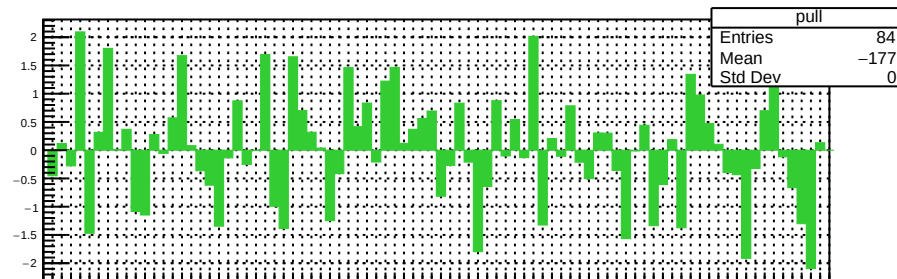
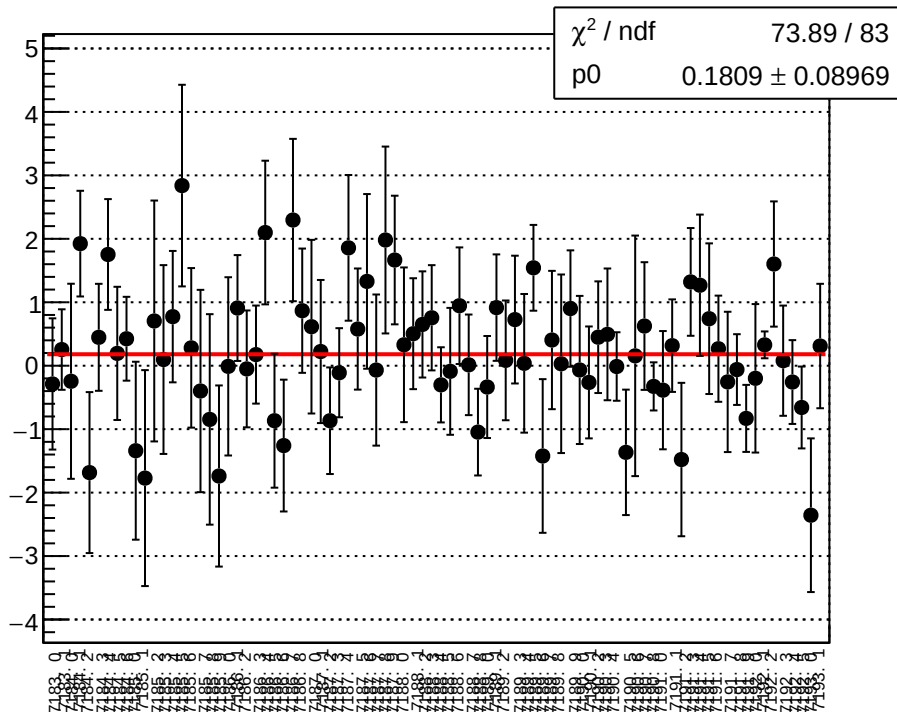
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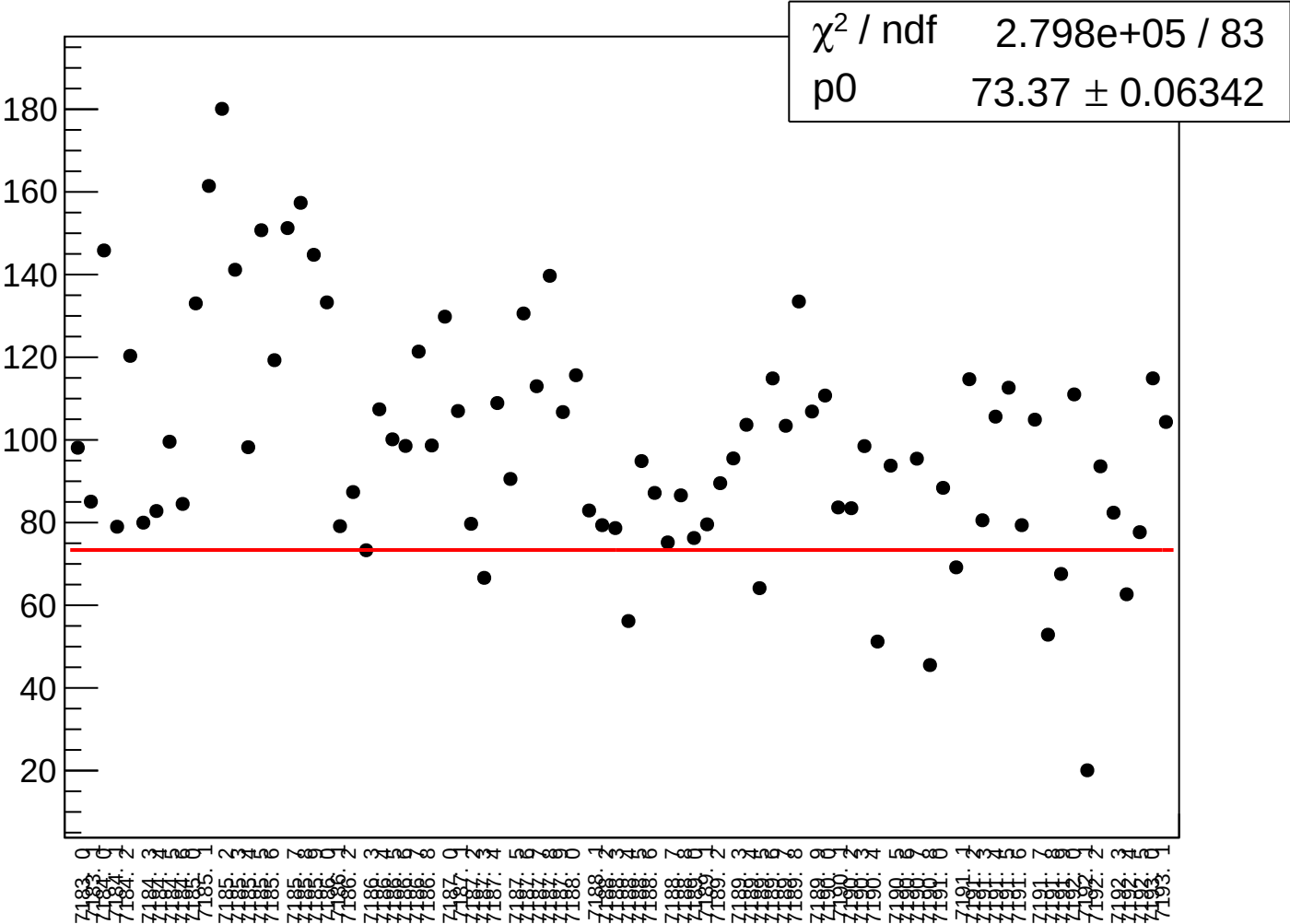
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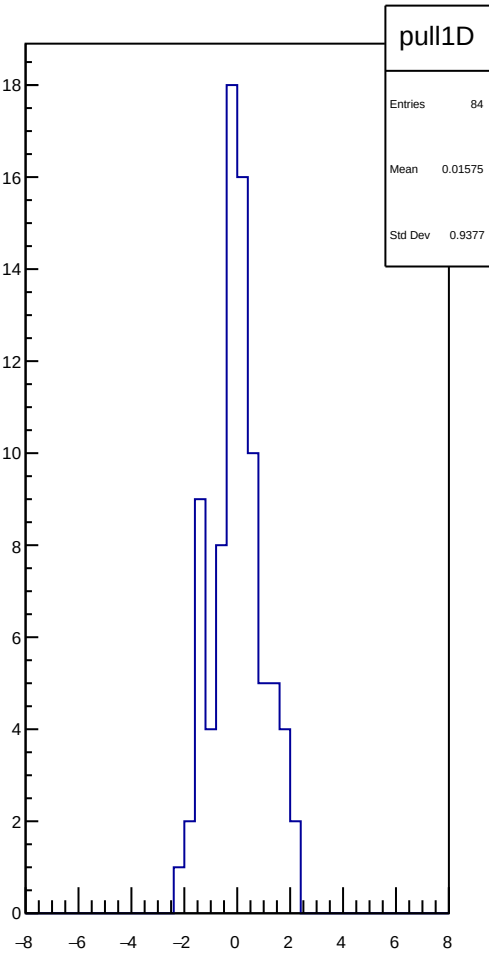
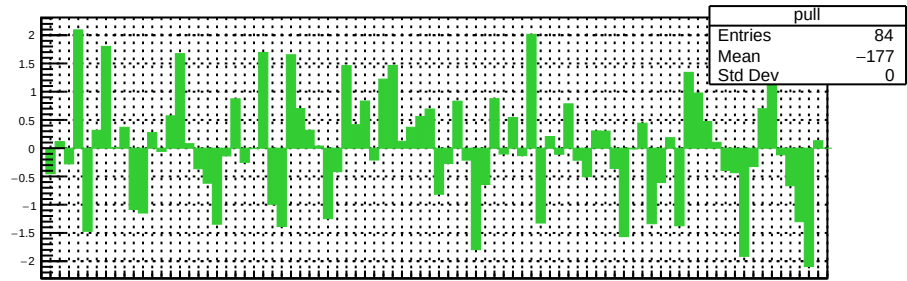
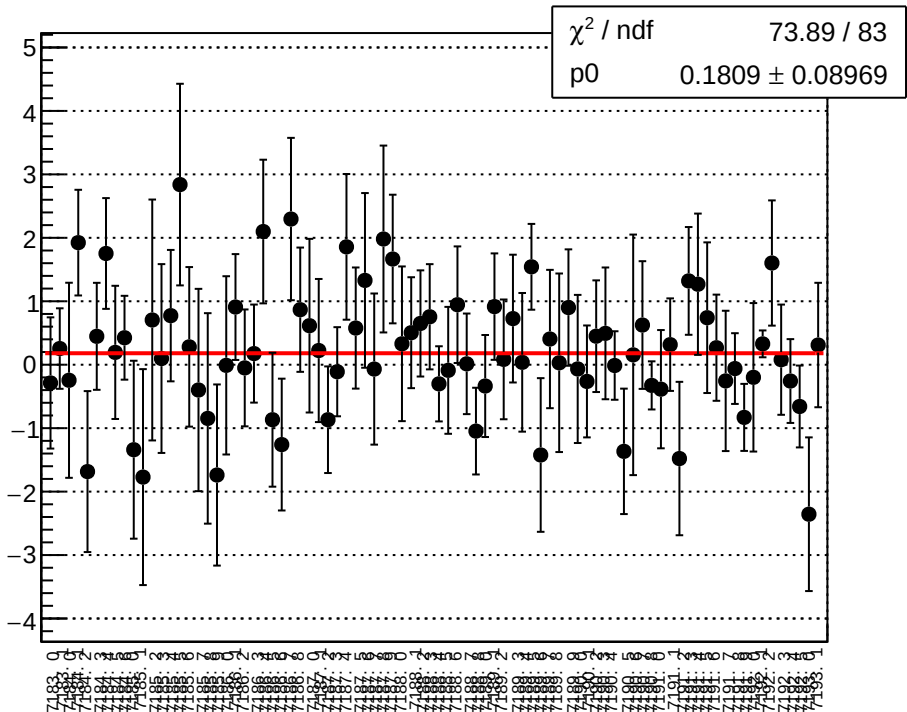
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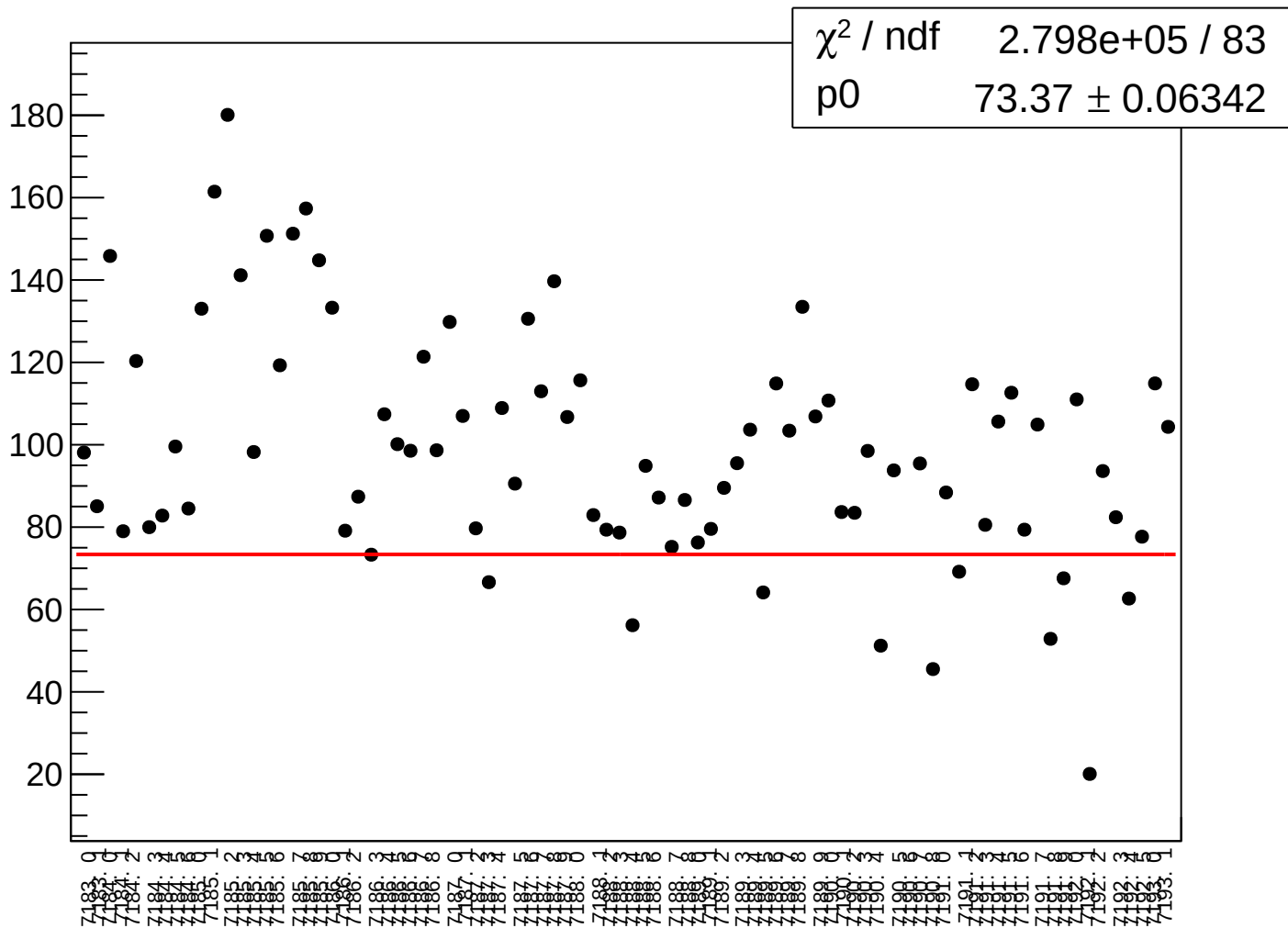
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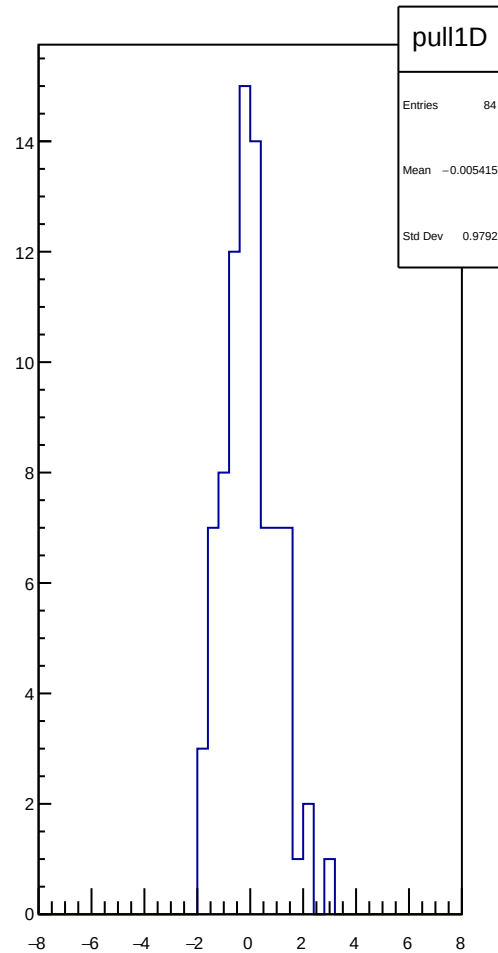
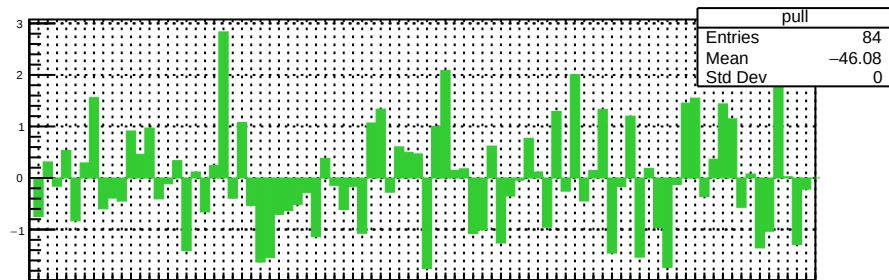
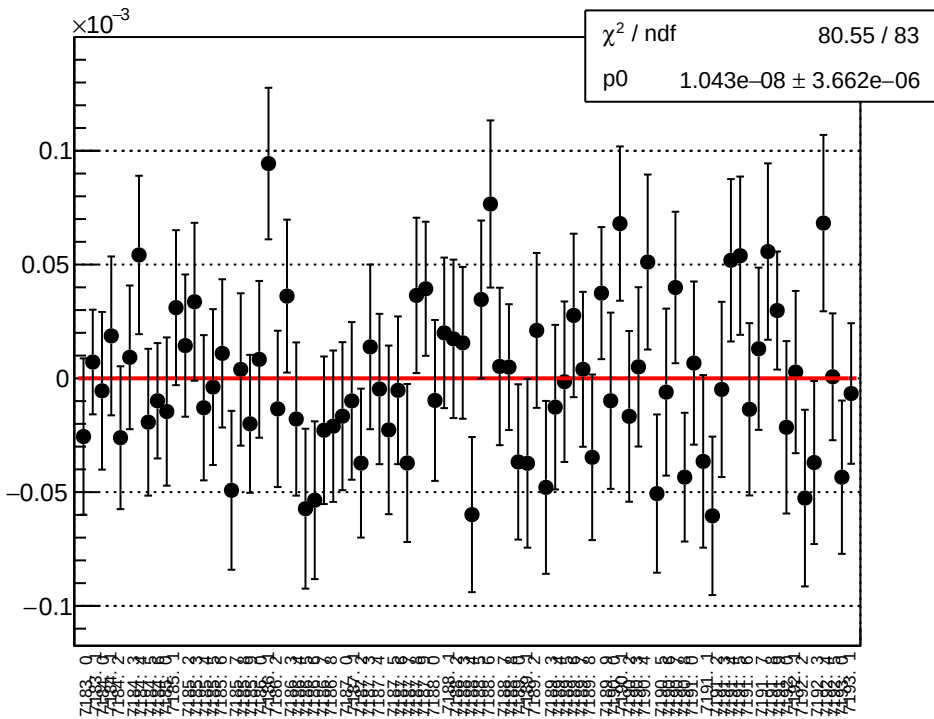
asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs run



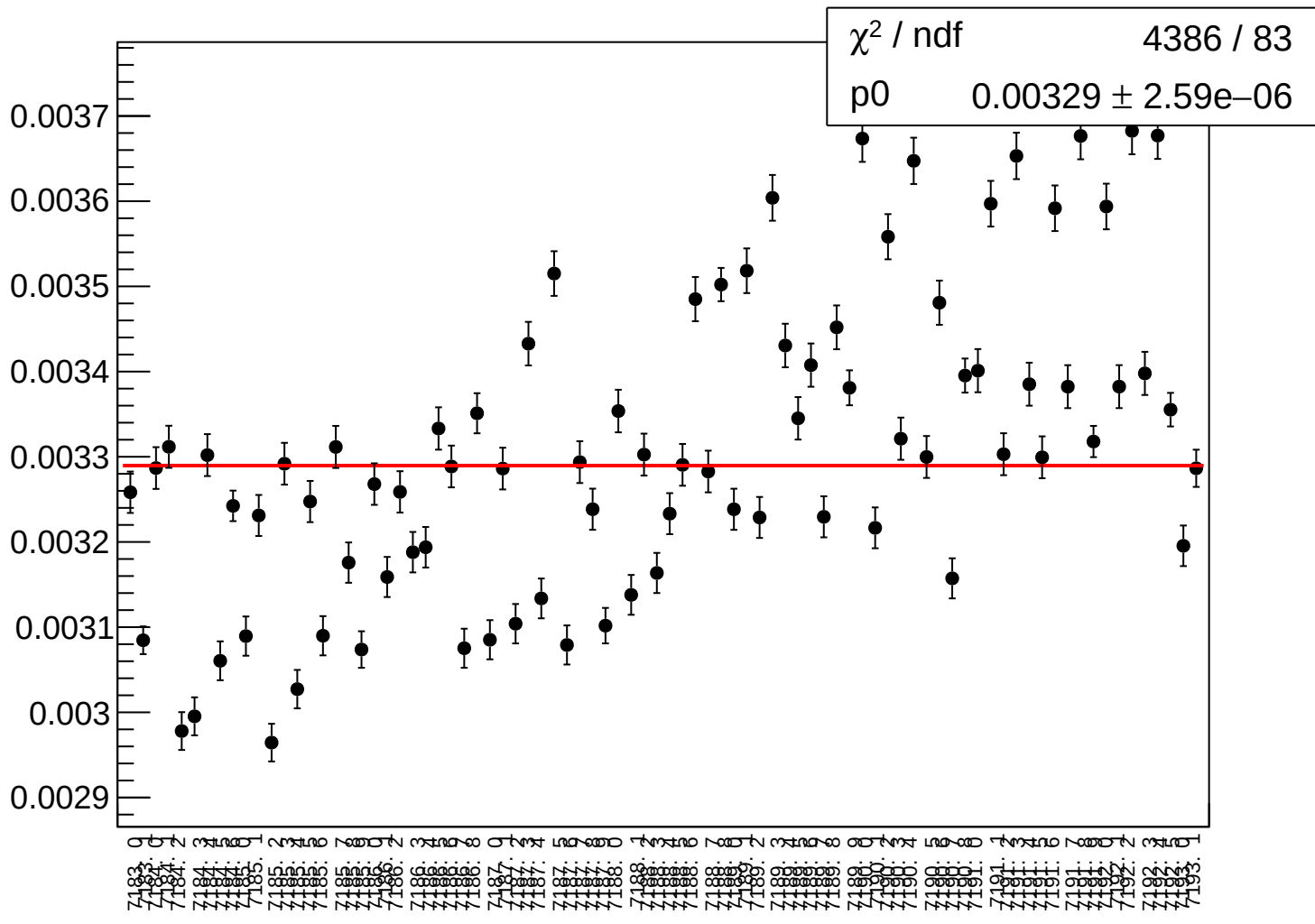
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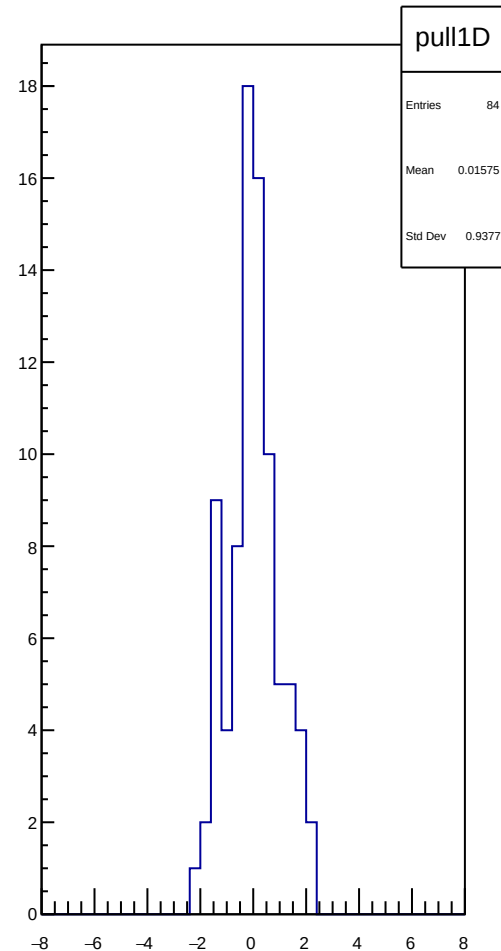
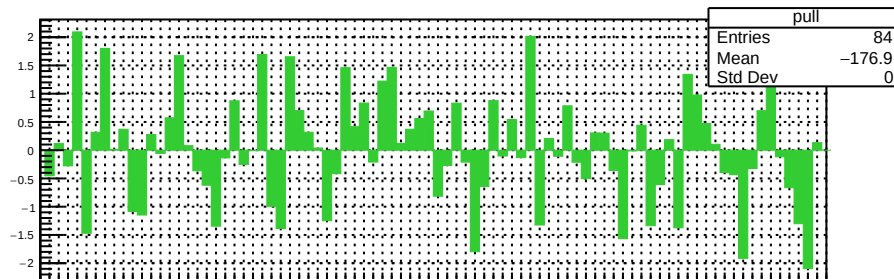
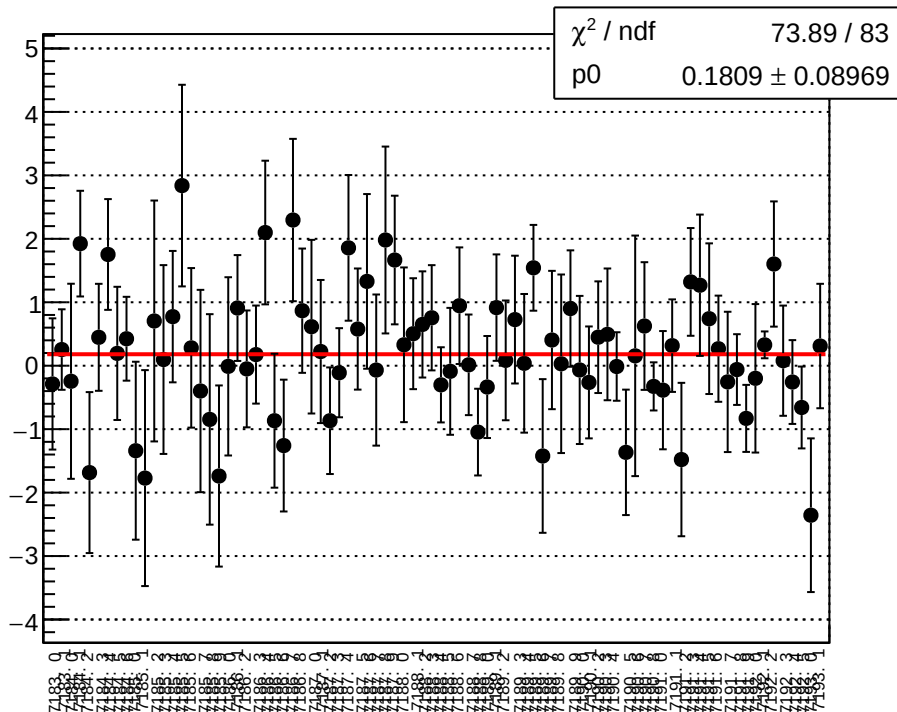
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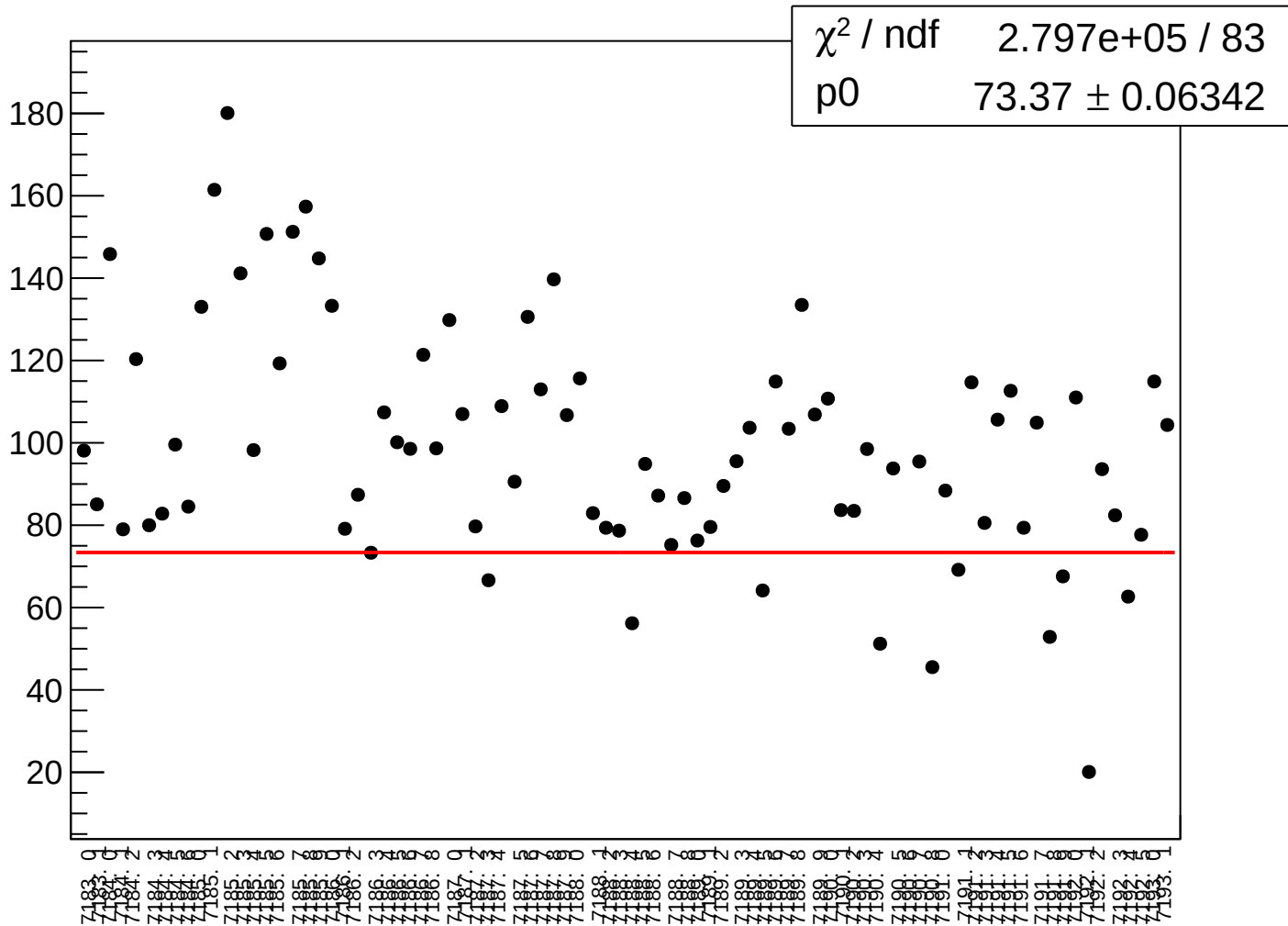
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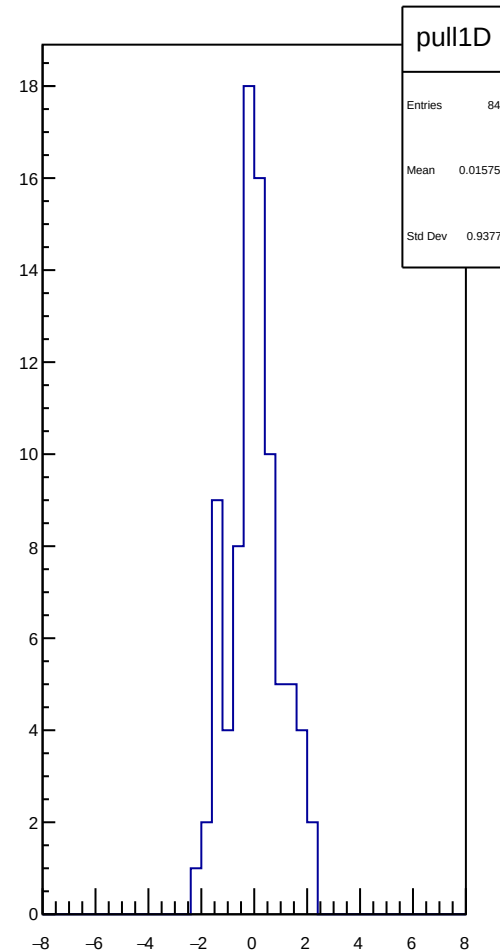
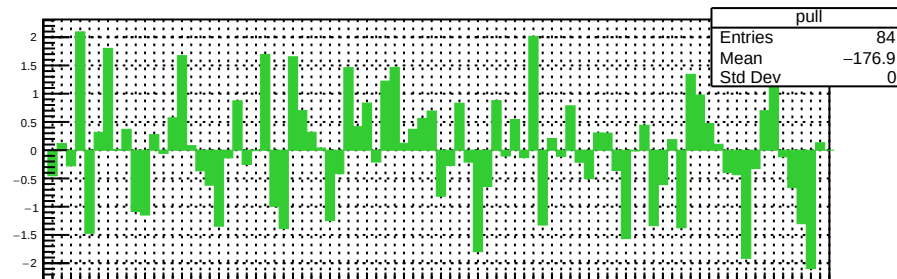
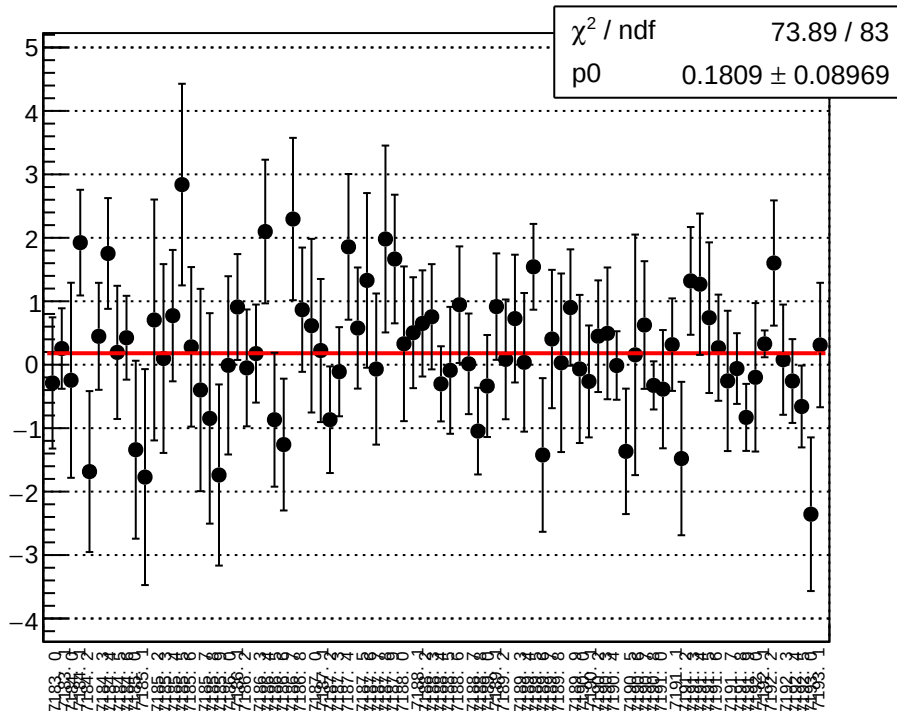
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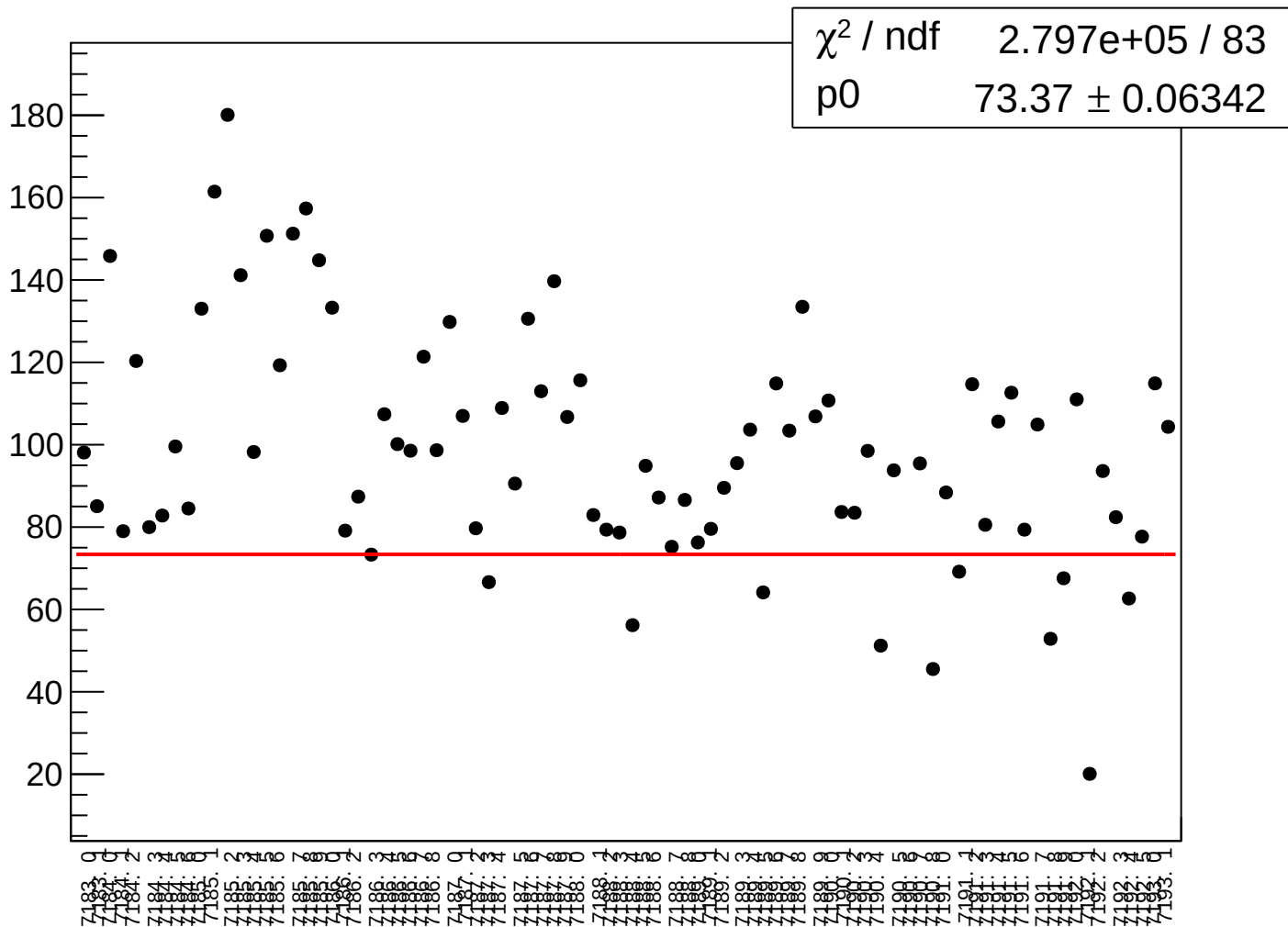
asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs run

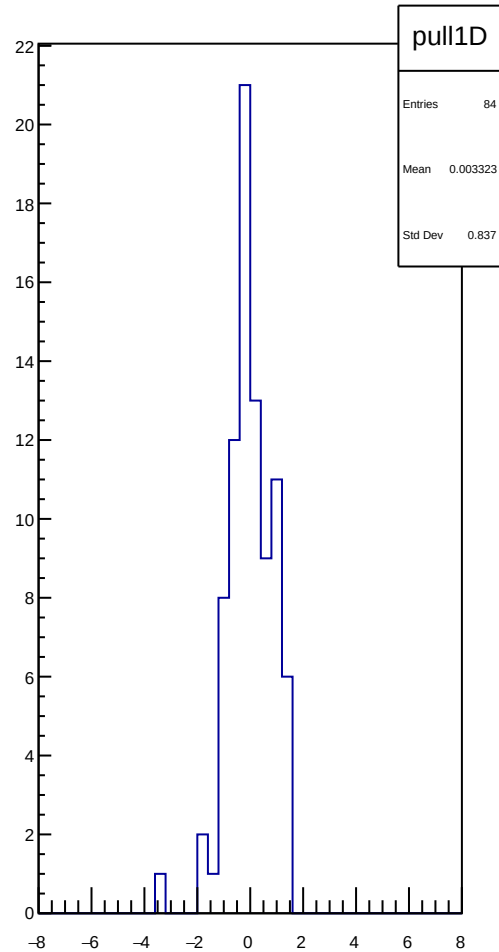
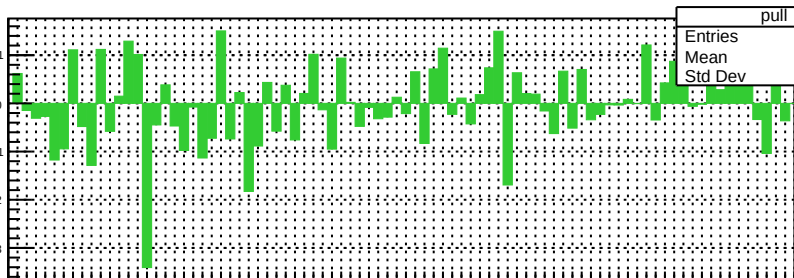
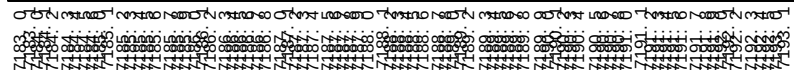


asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs run

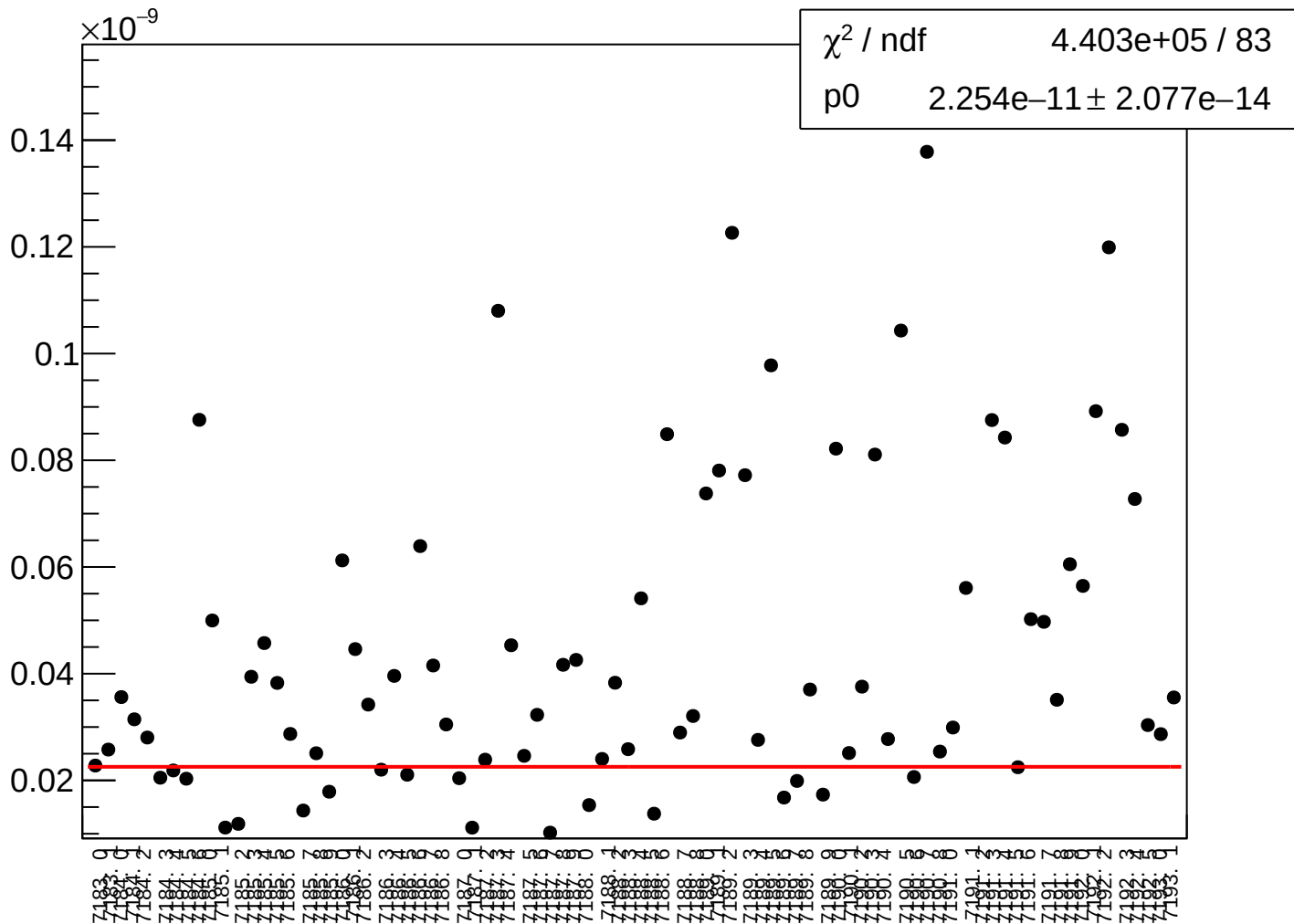


asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs run

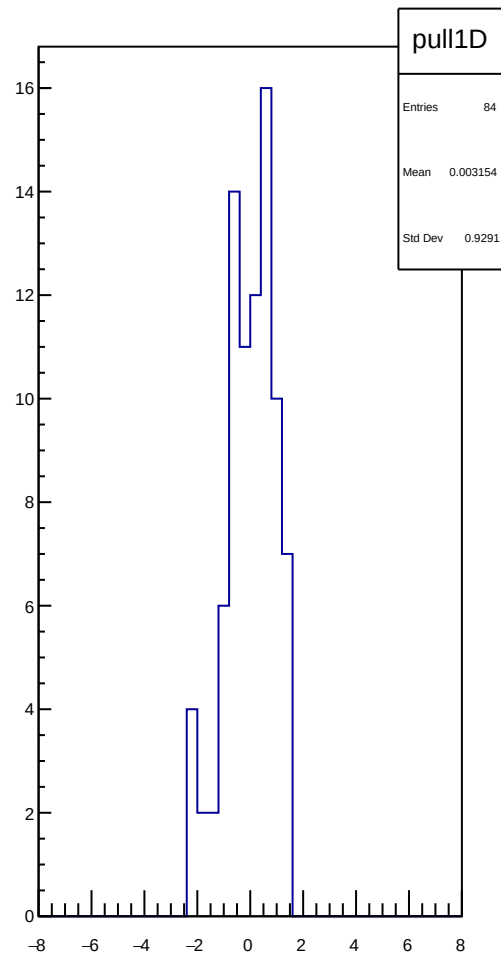
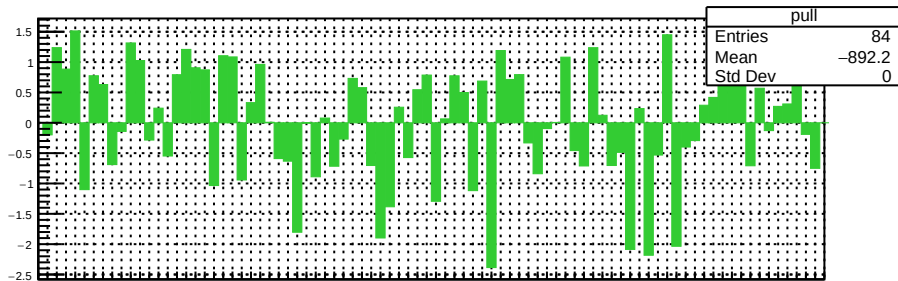
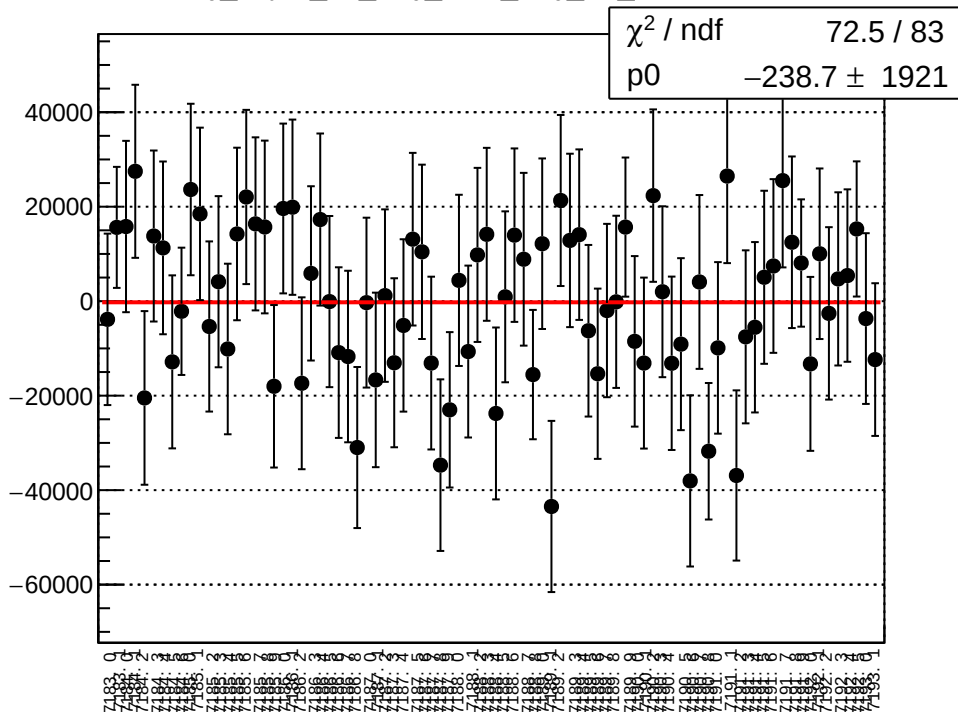




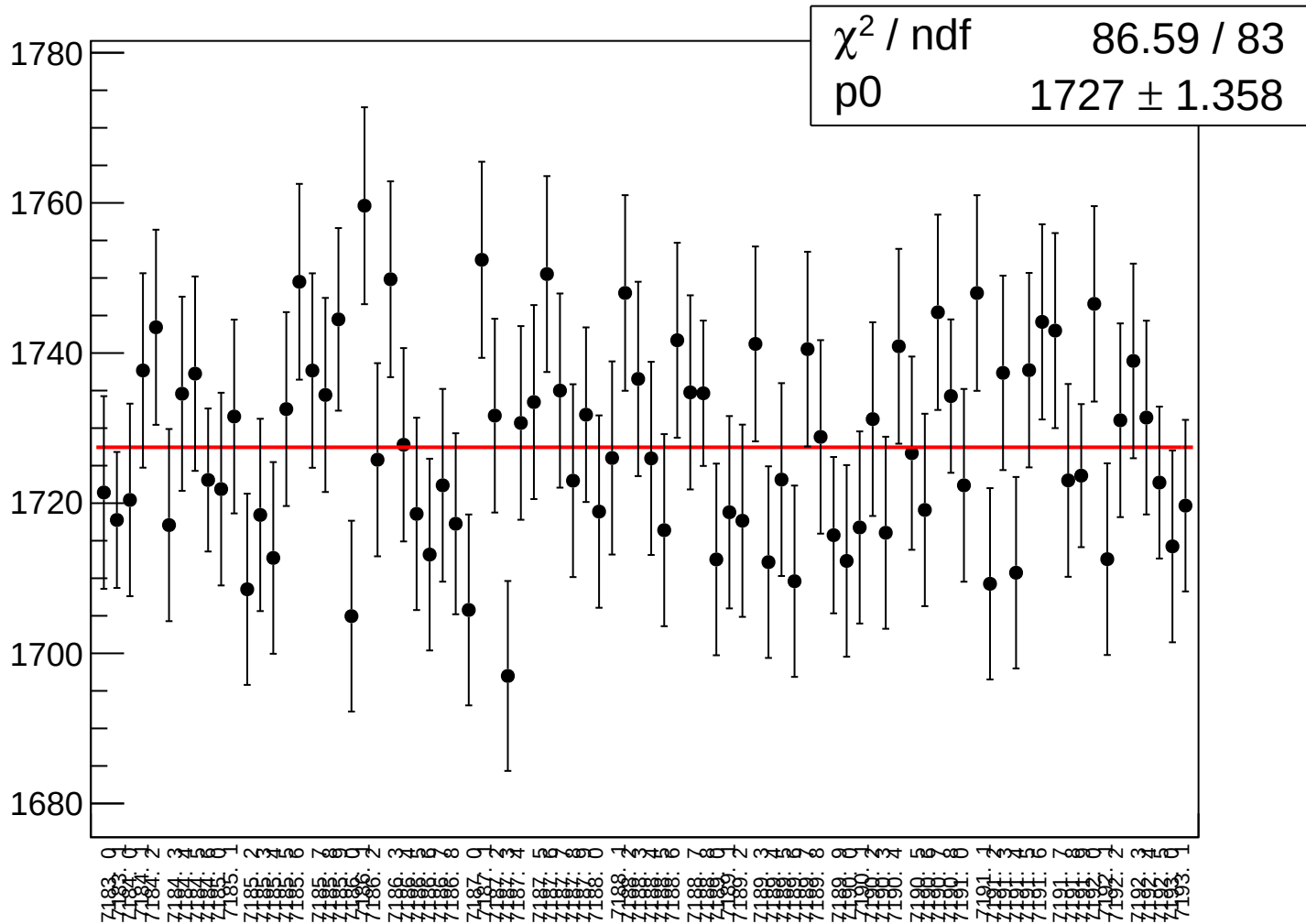
asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs run



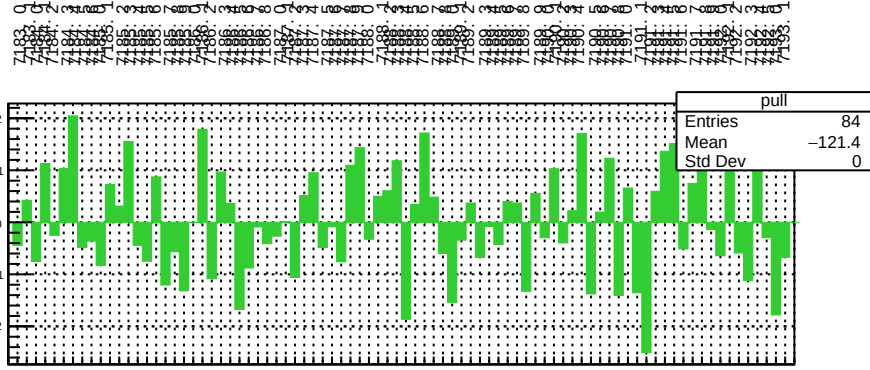
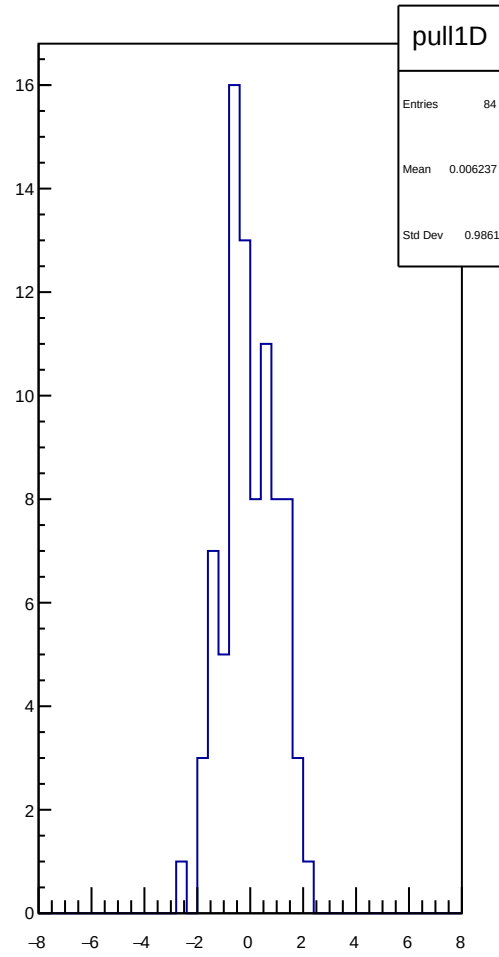
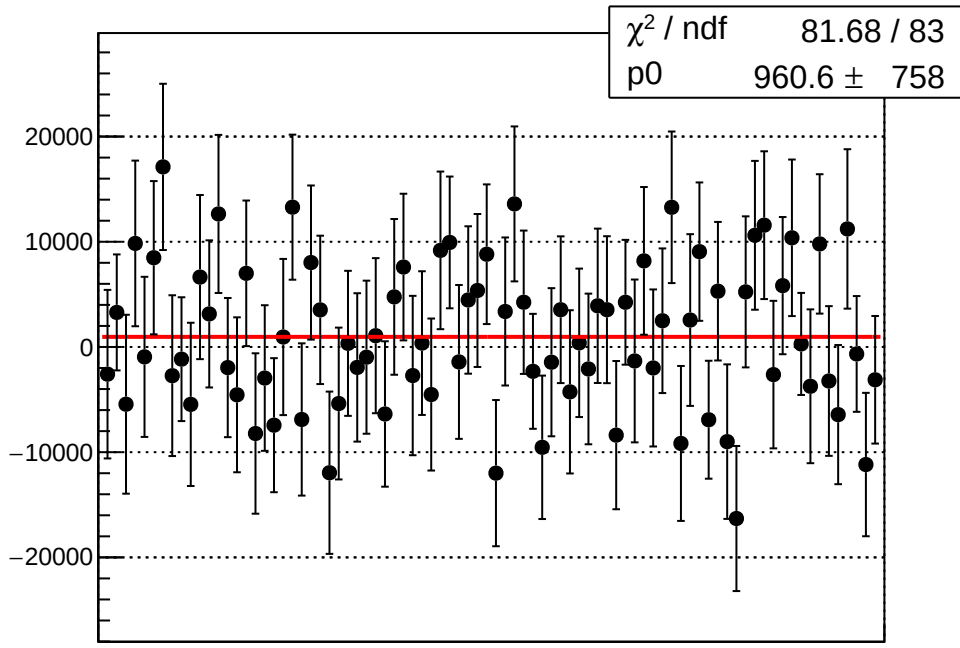
reg_asym_us_avg_at1lr_avg_dd_mean vs run



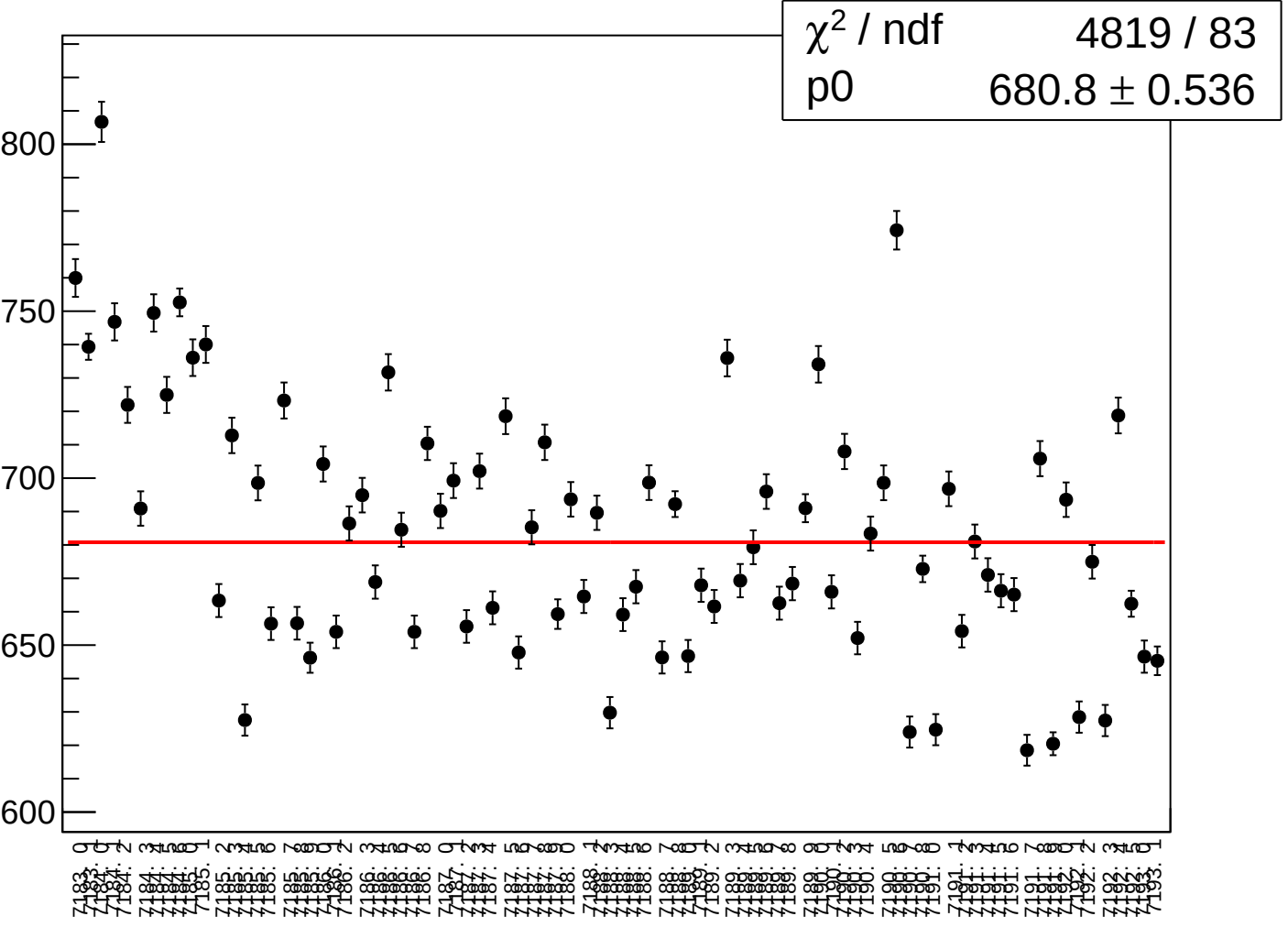
reg_asym_us_avg_at1lr_avg_dd_rms vs run



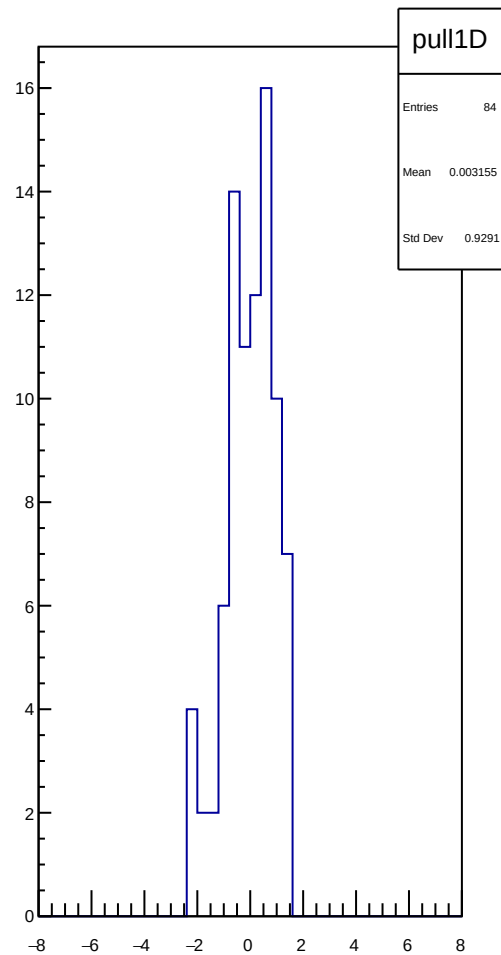
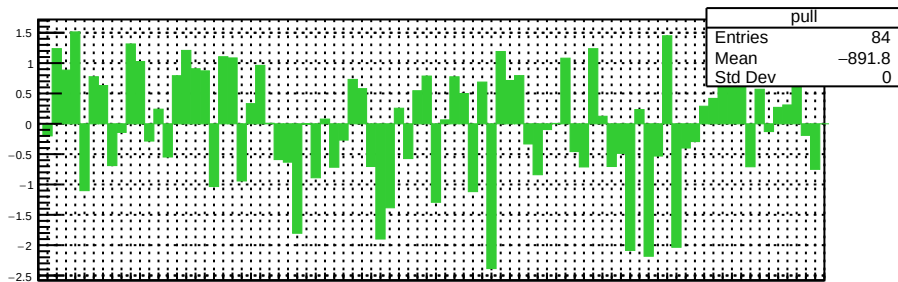
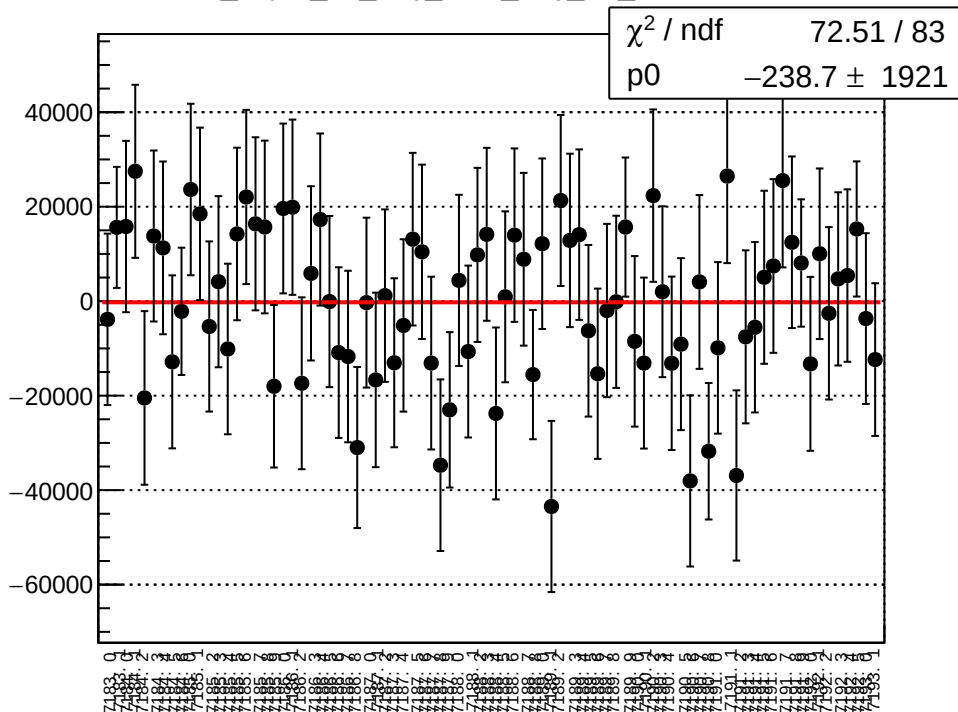
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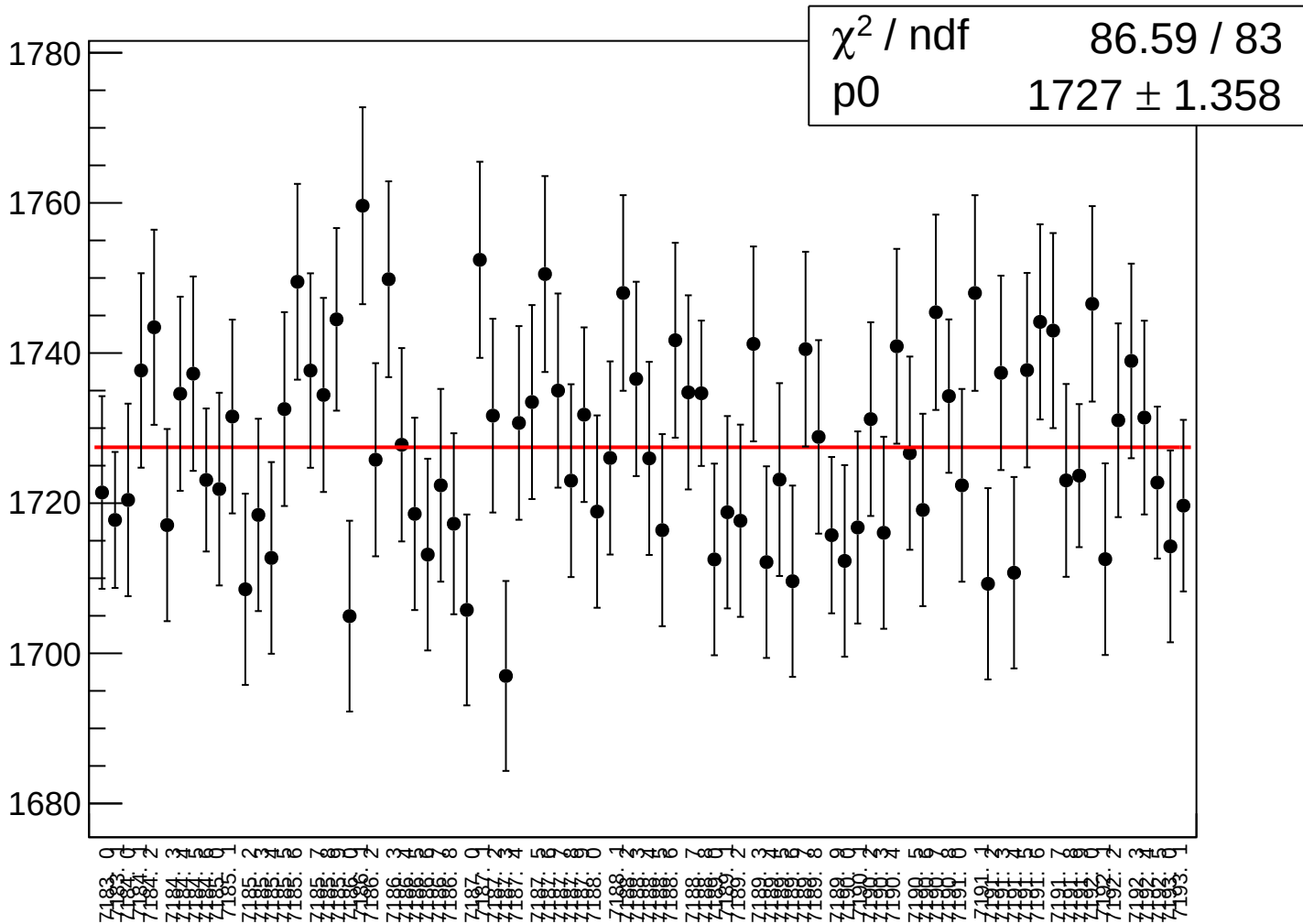
asym_us_avg_at1lr_avg_dd_reg_correction_rms vs run



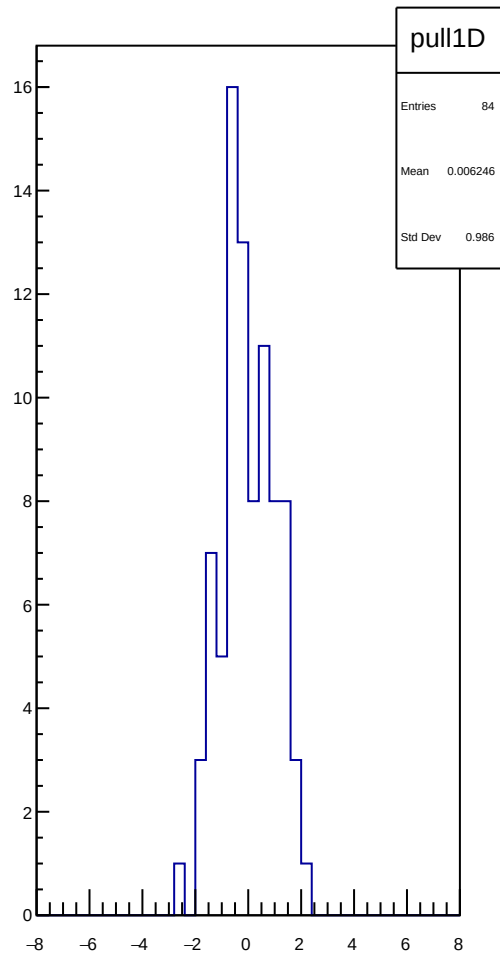
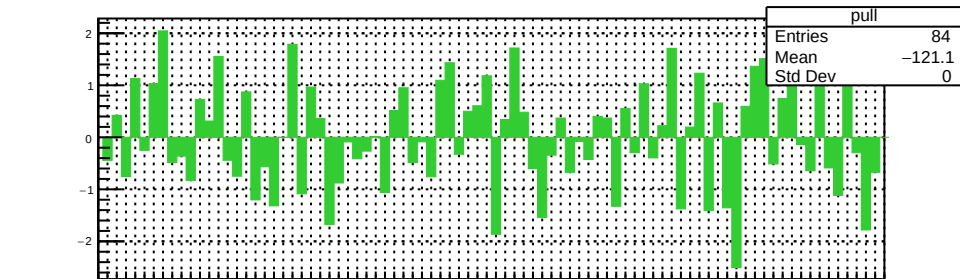
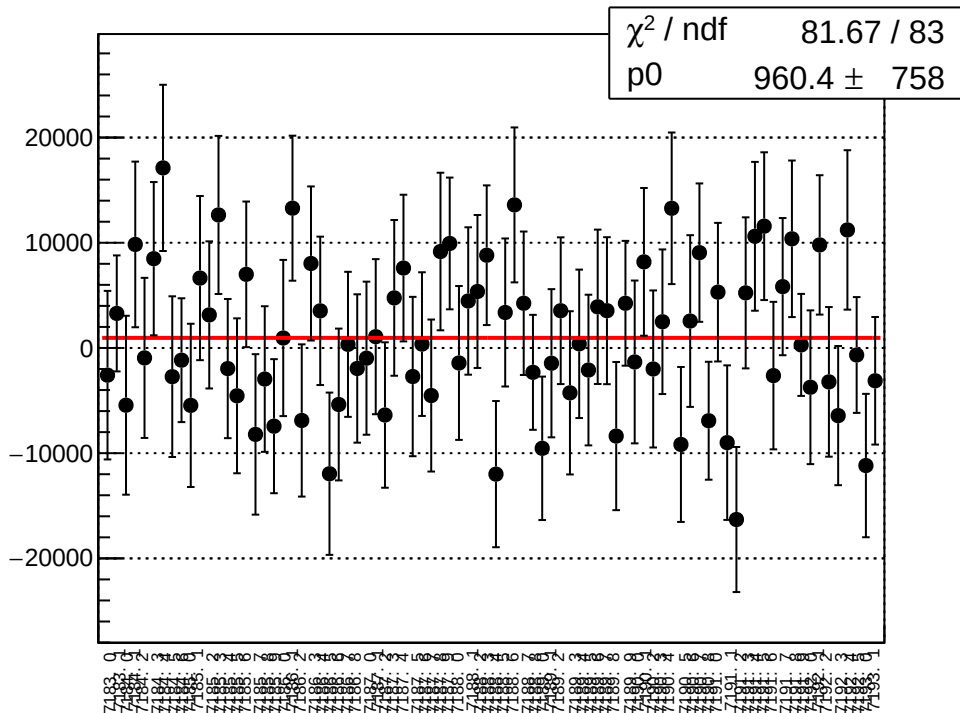
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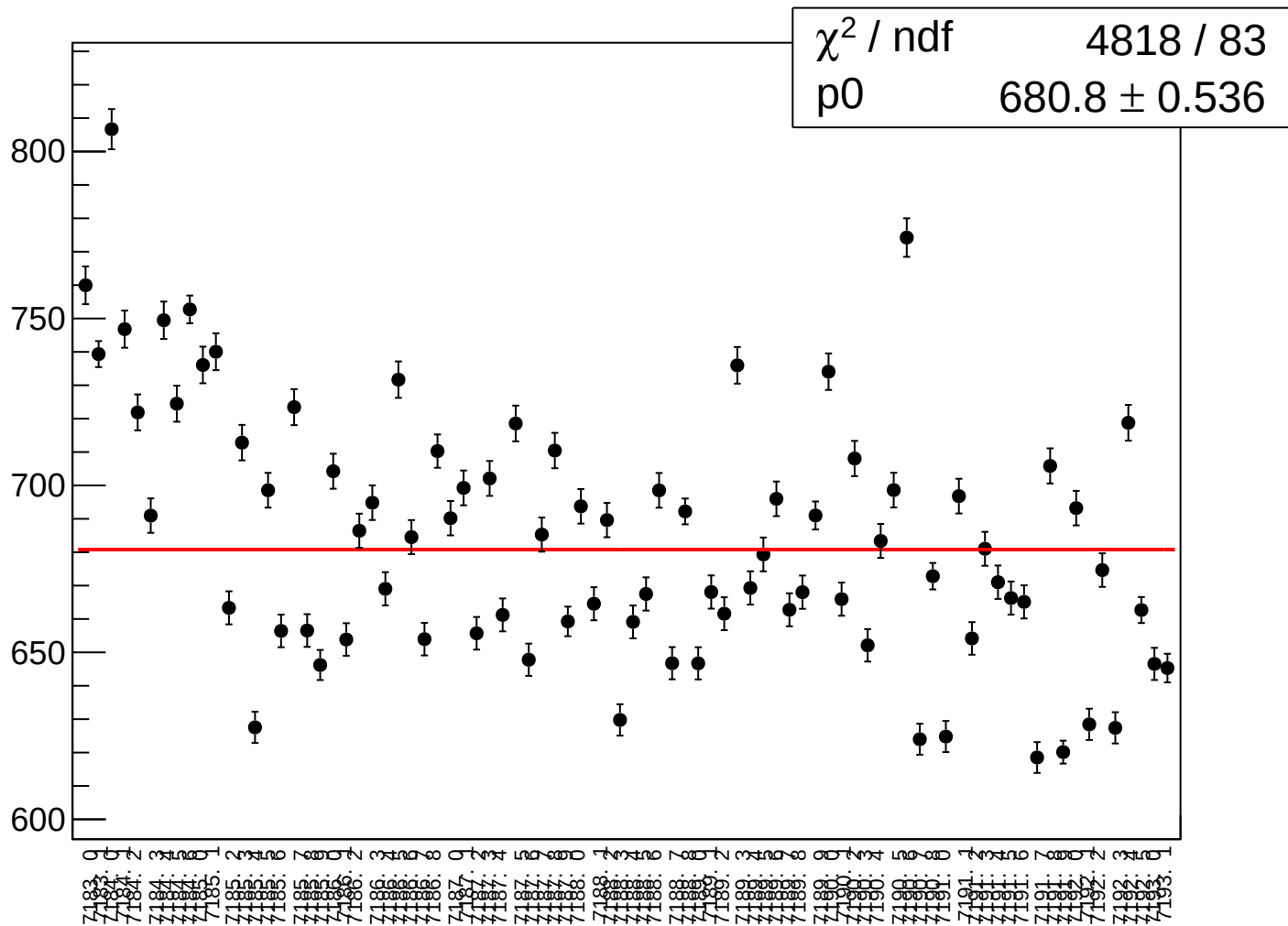
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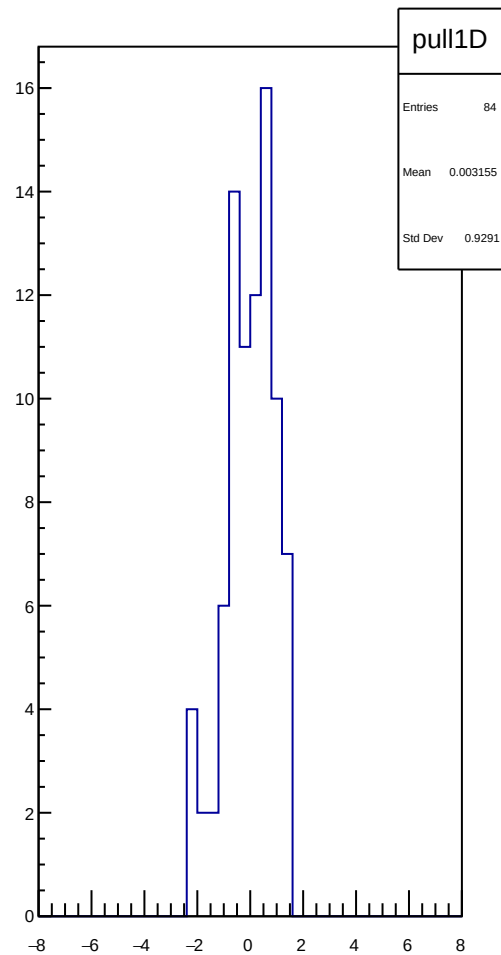
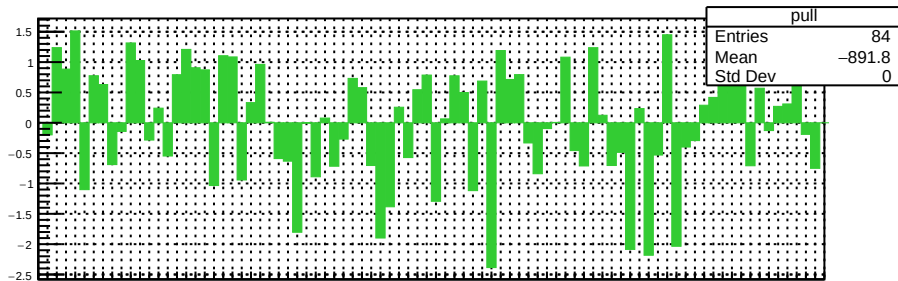
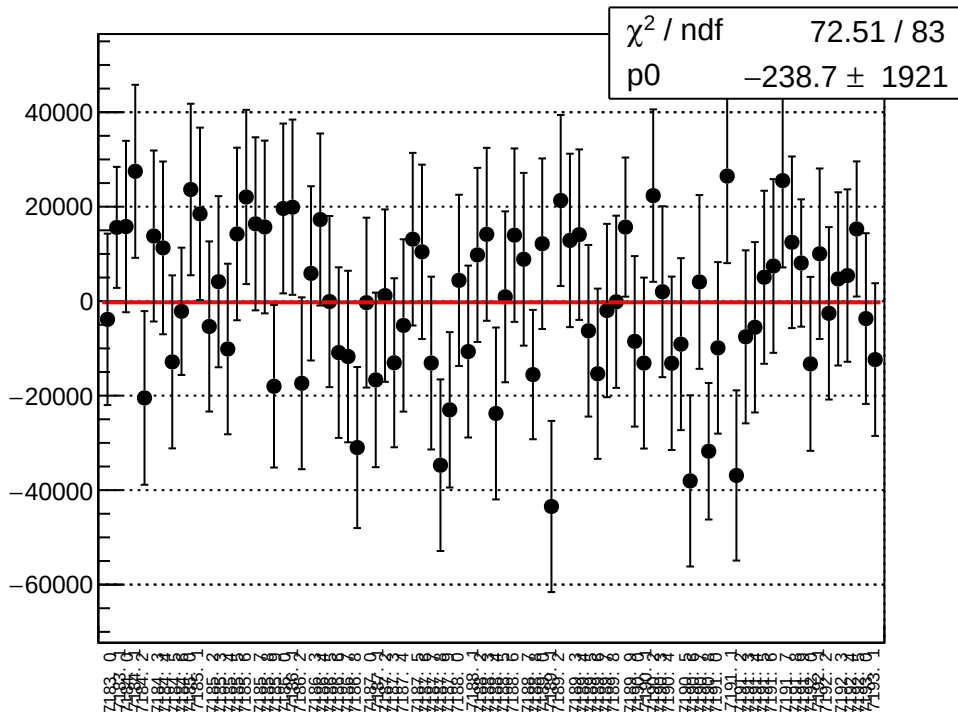
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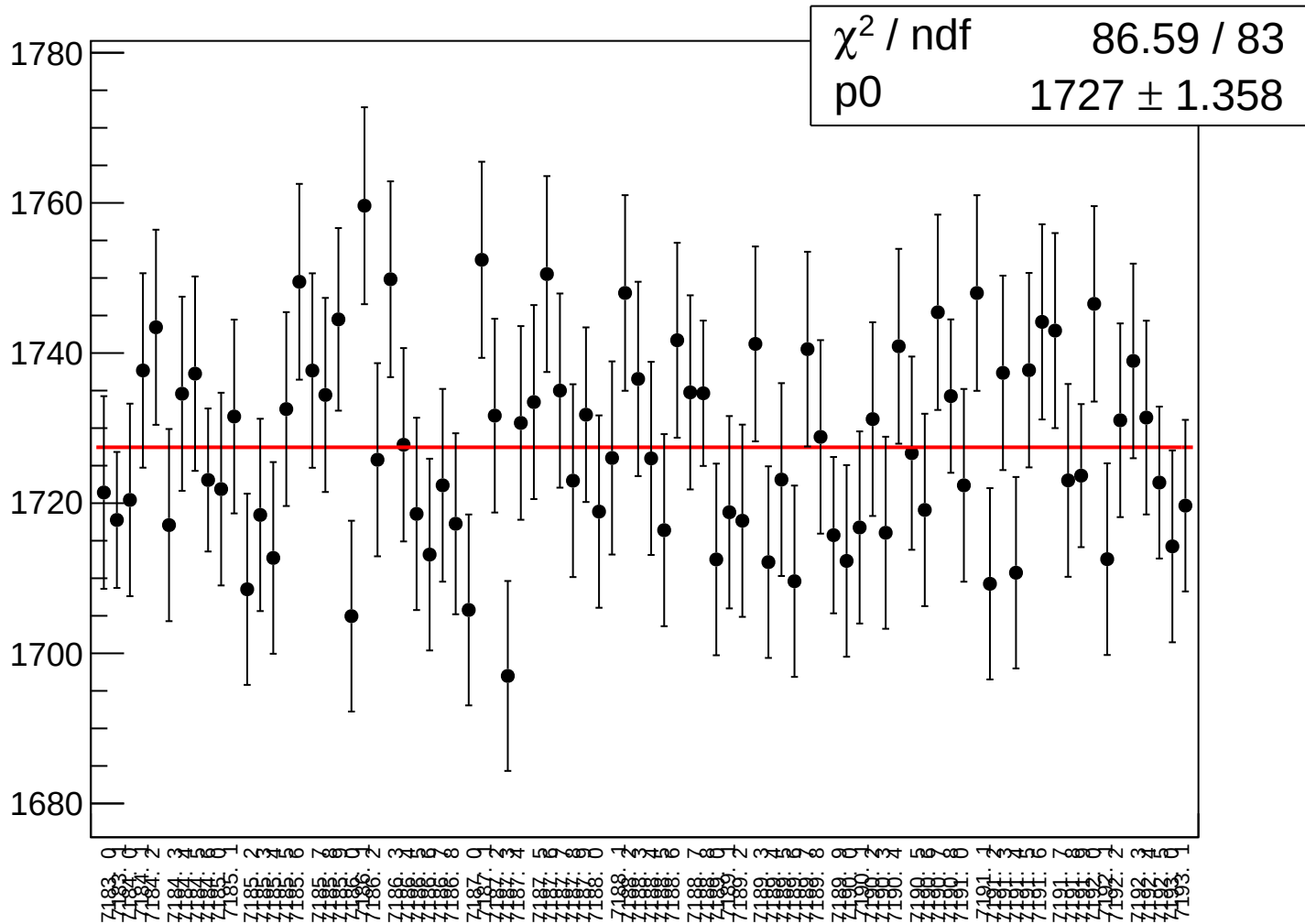
asym_us_avg_at1lr_avg_dd_cor_correction_rms vs run



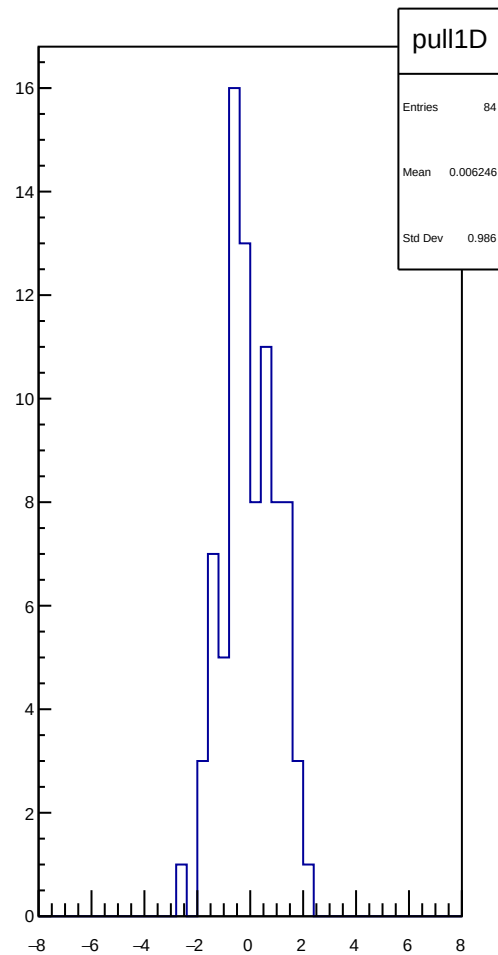
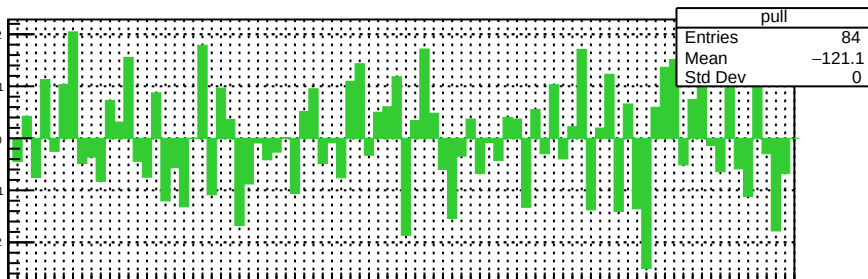
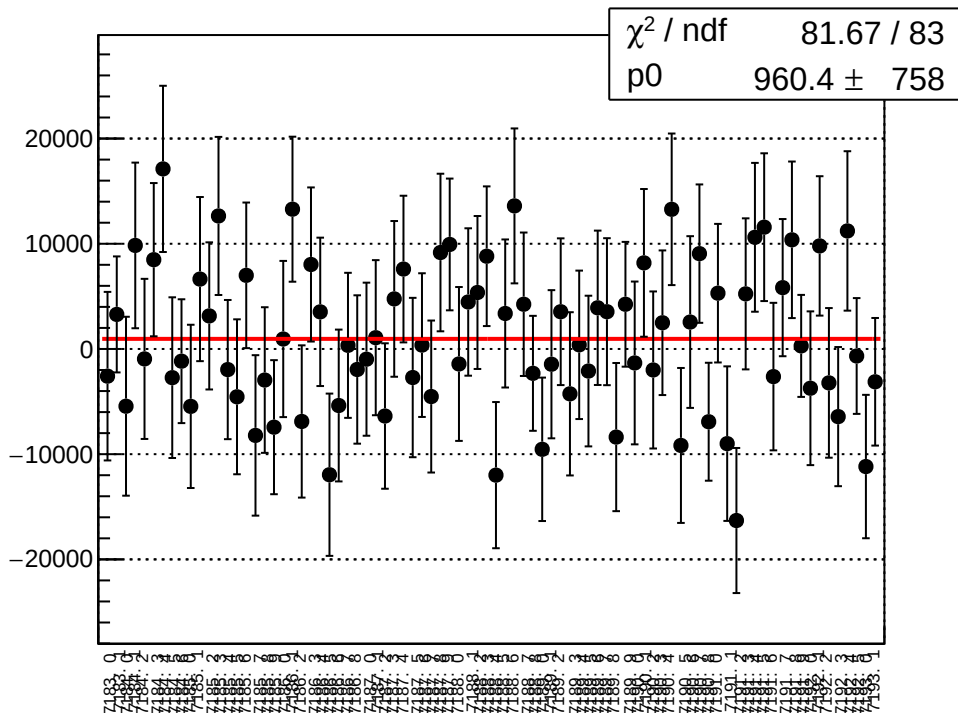
eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs run



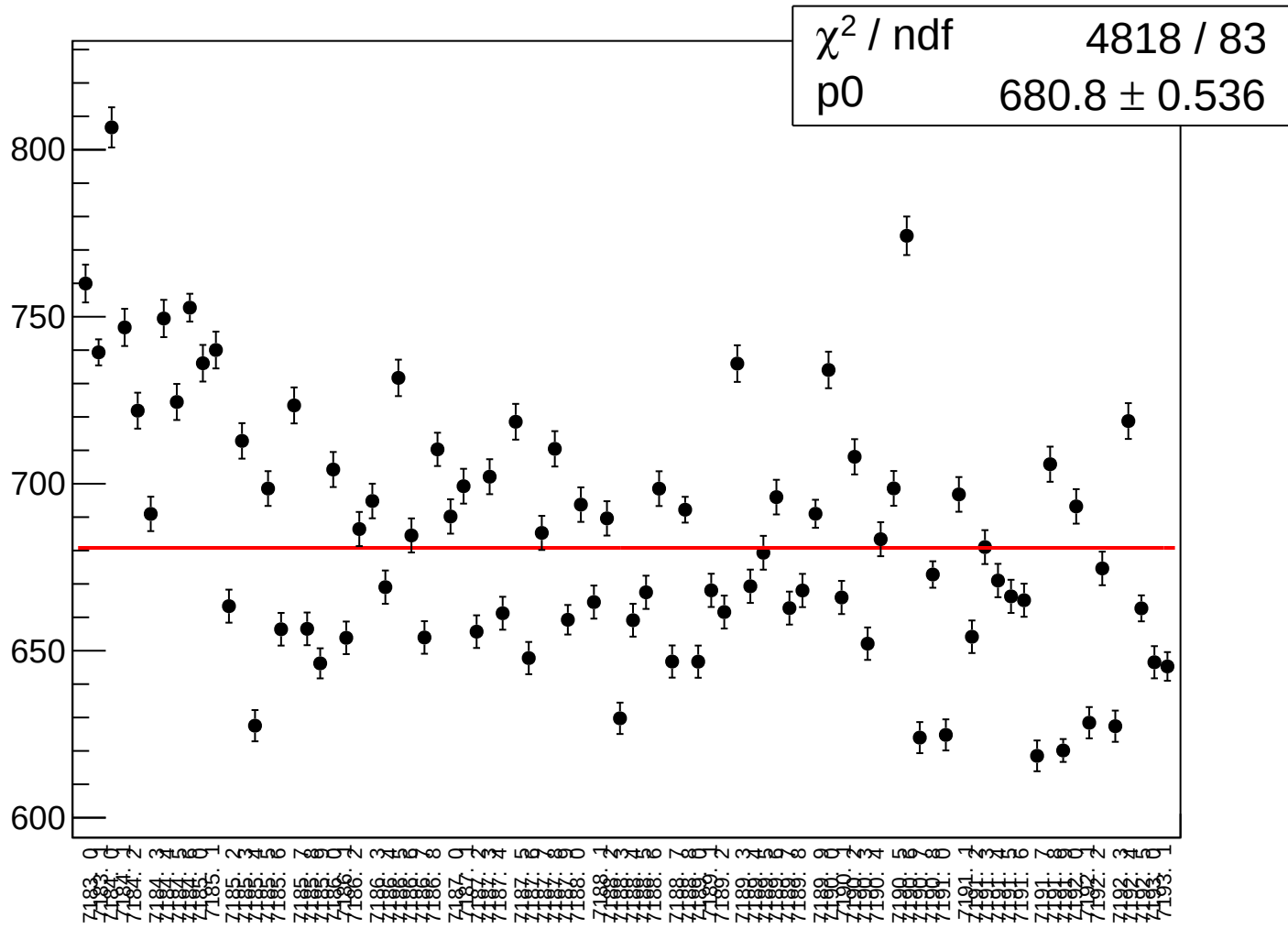
eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs run



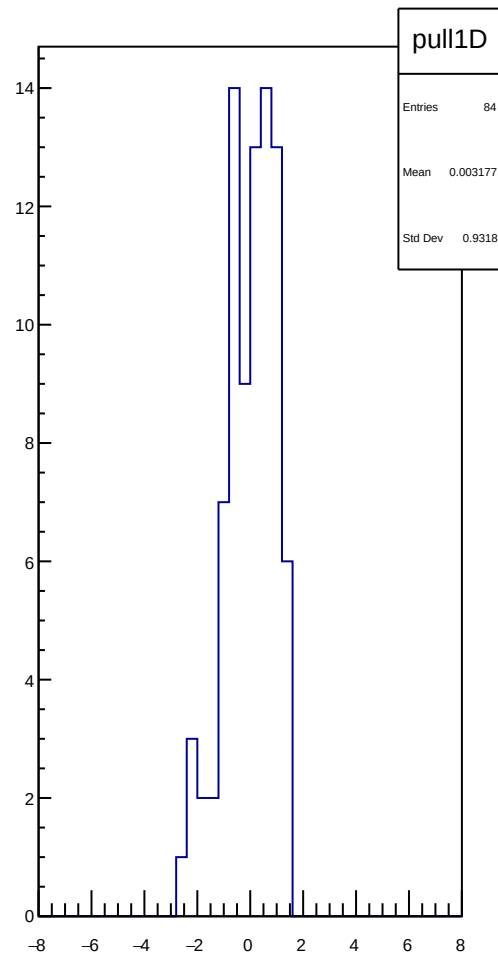
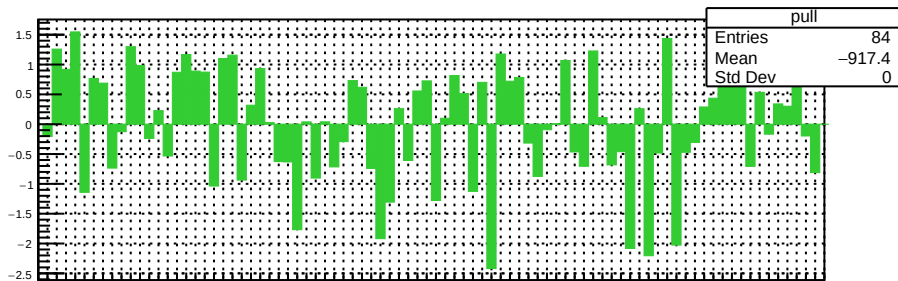
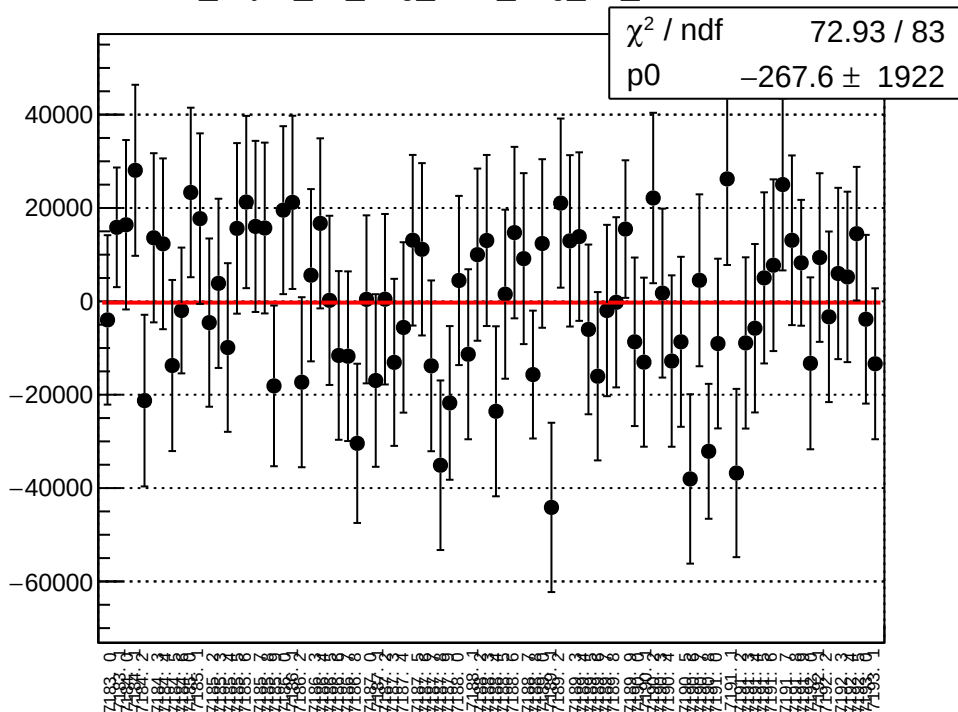
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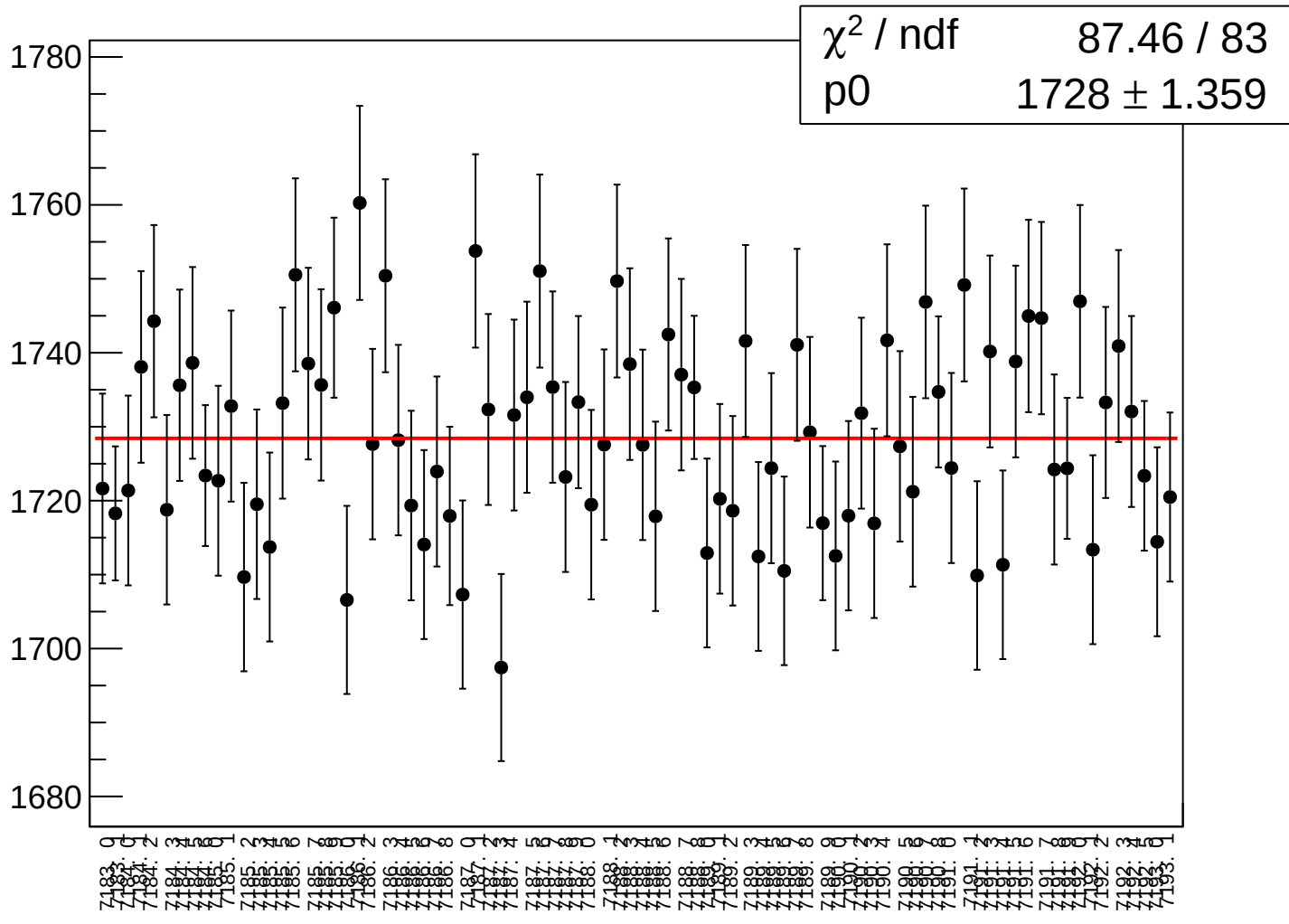
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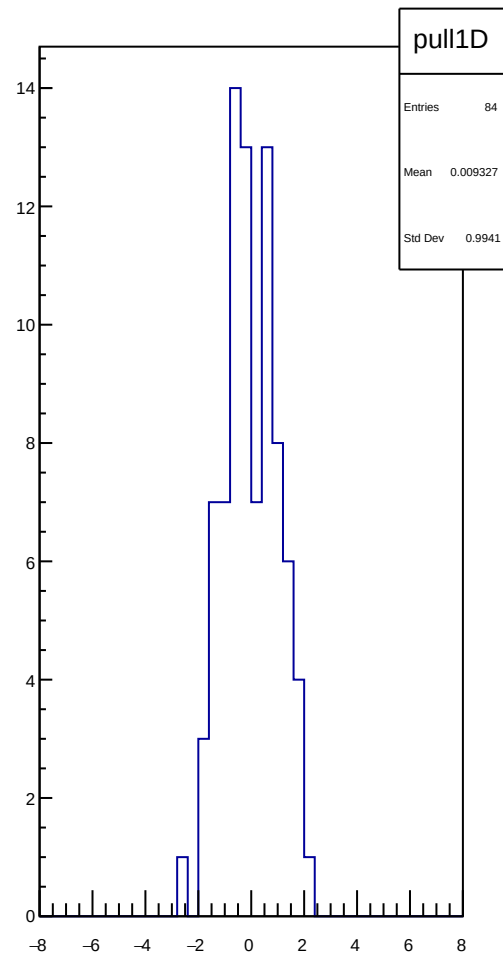
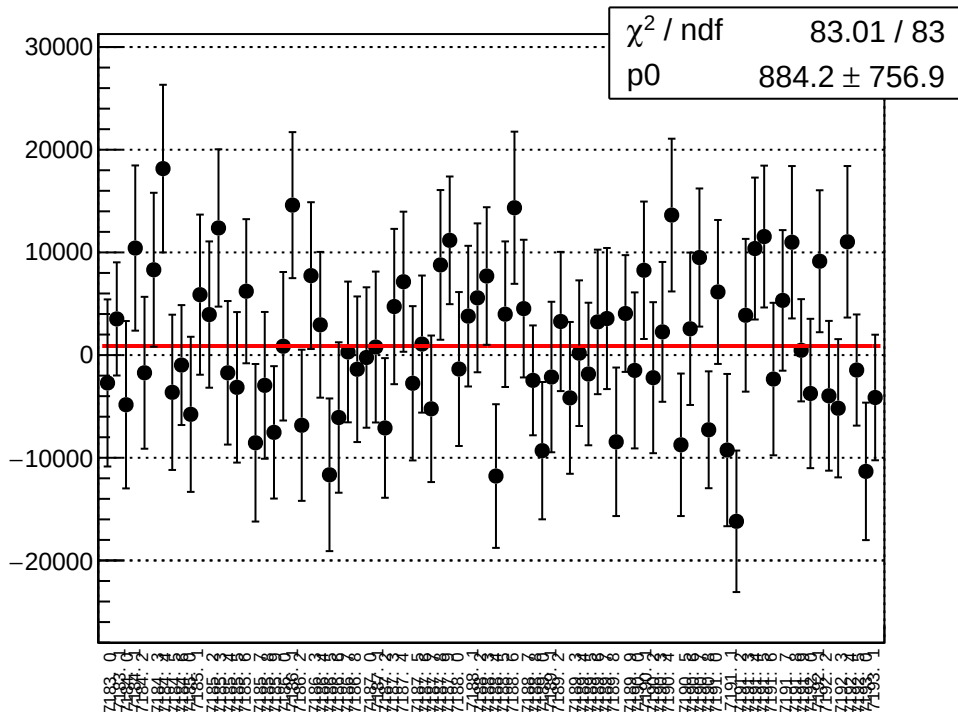
dit_asym_us_avg_at1lr_avg_dd_mean vs run



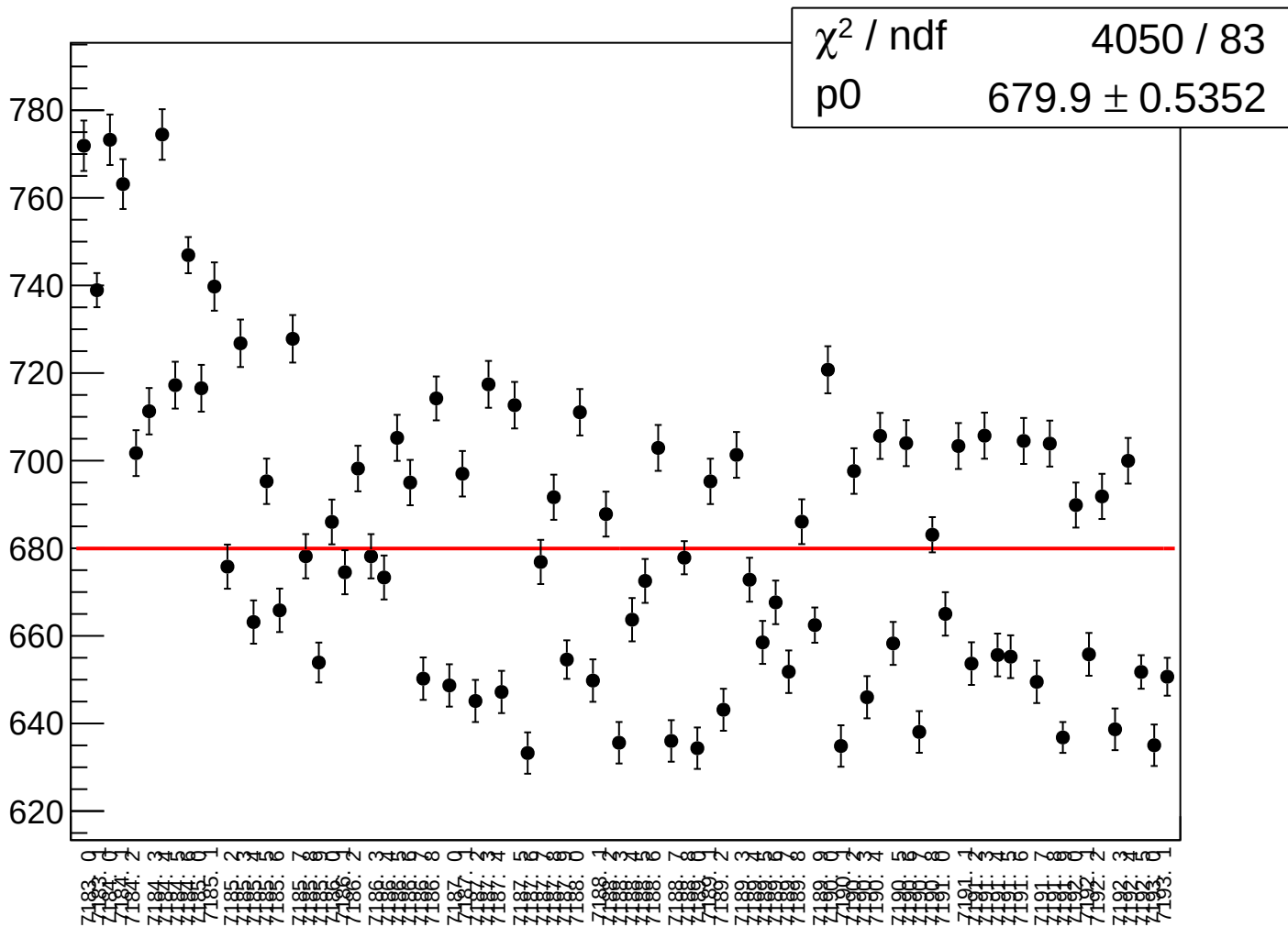
dit_asym_us_avg_at1lr_avg_dd_rms vs run



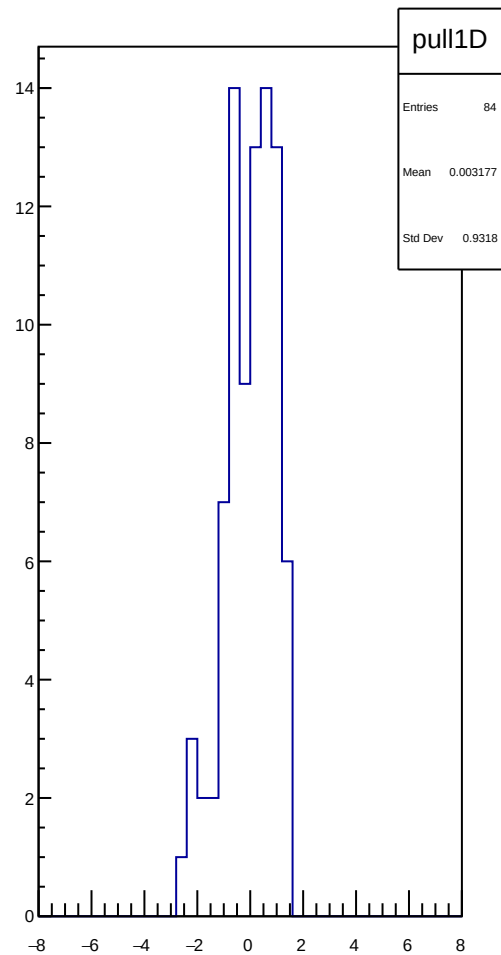
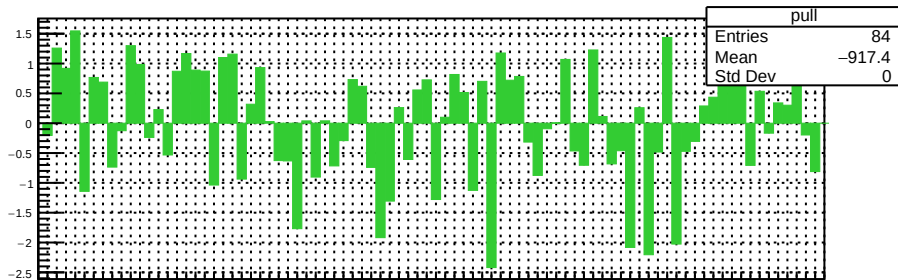
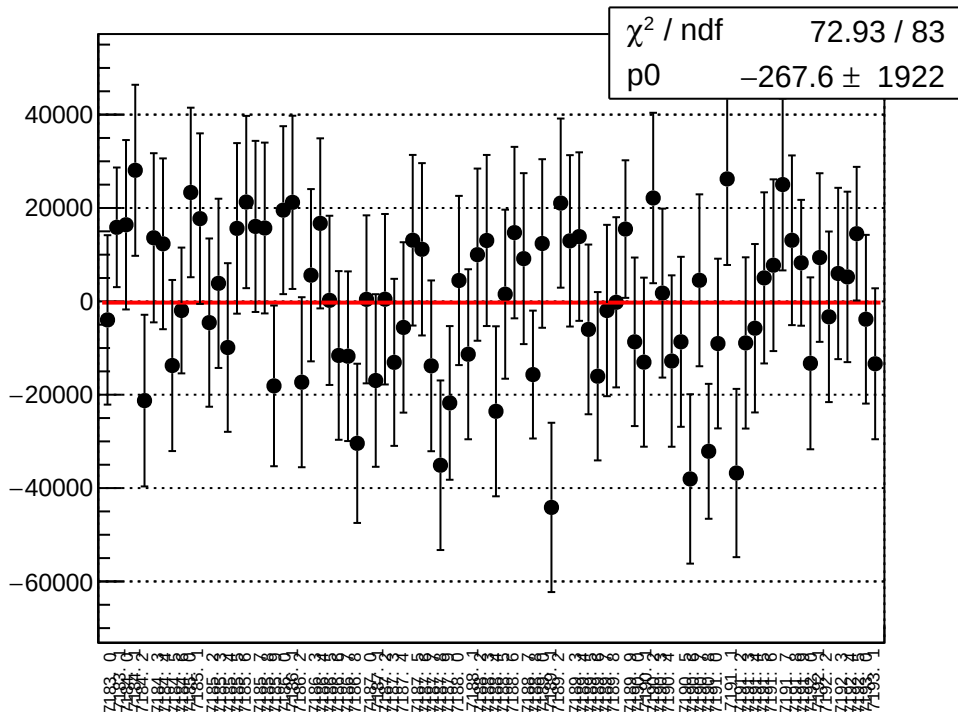
asym_us_avg_at1lr_avg_dd_dit_correction_mean vs run



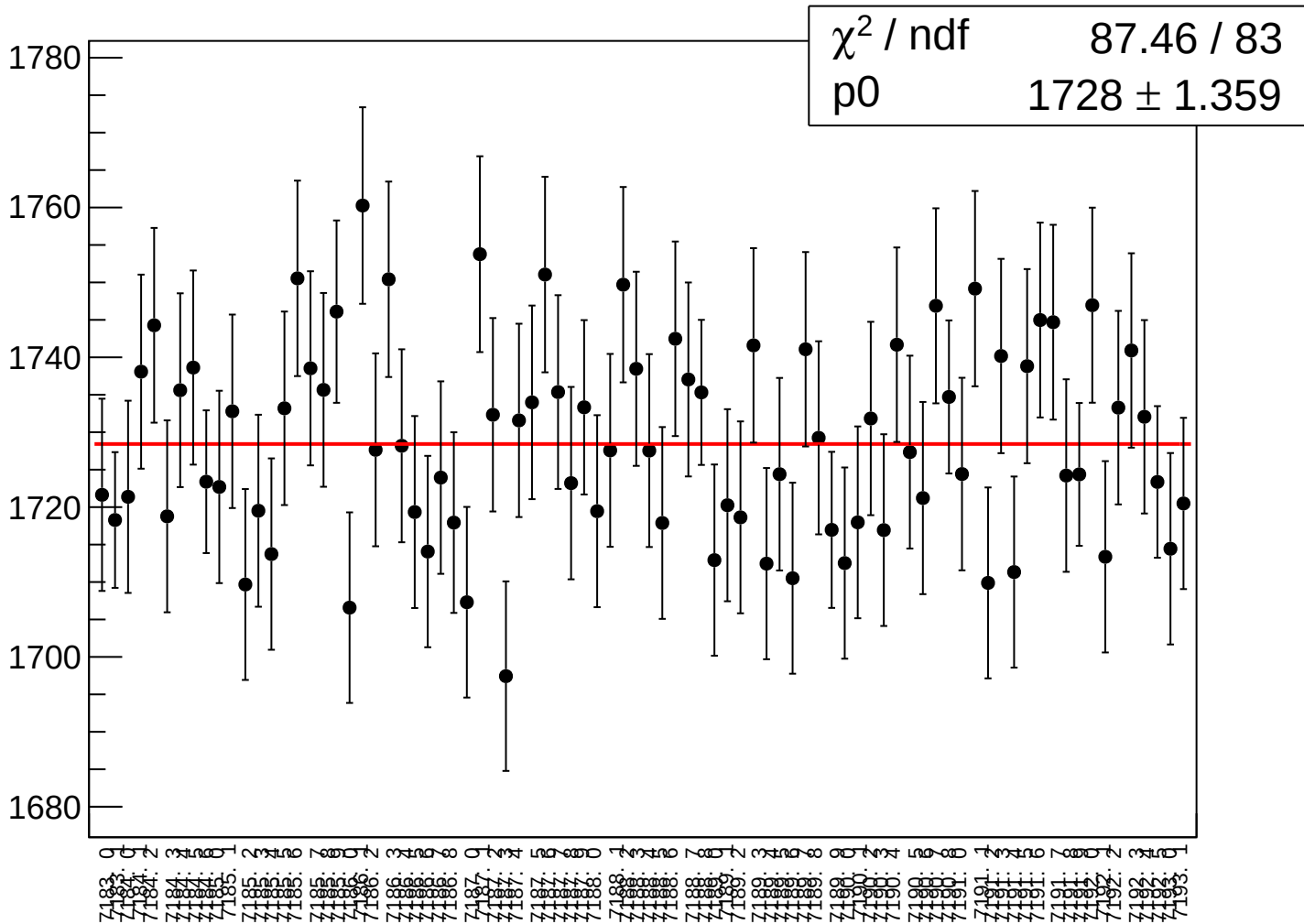
asym_us_avg_at1lr_avg_dd_dit_correction_rms vs run



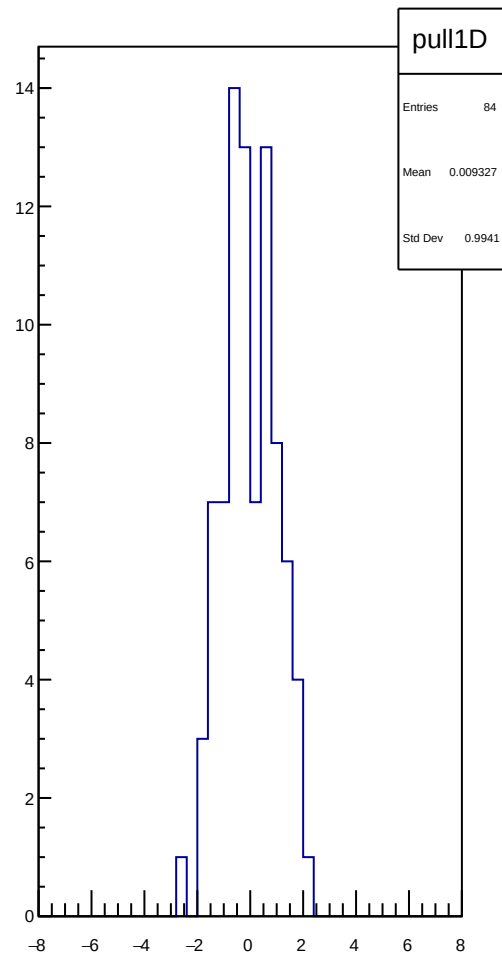
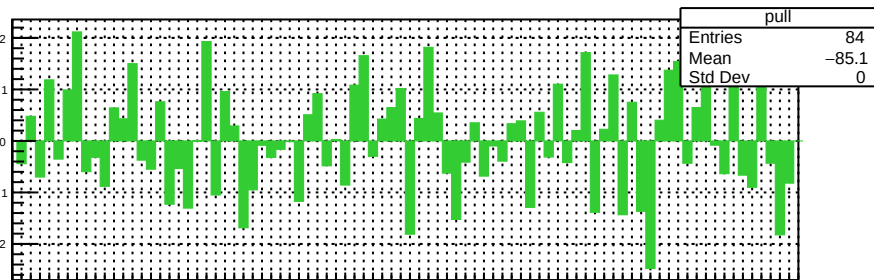
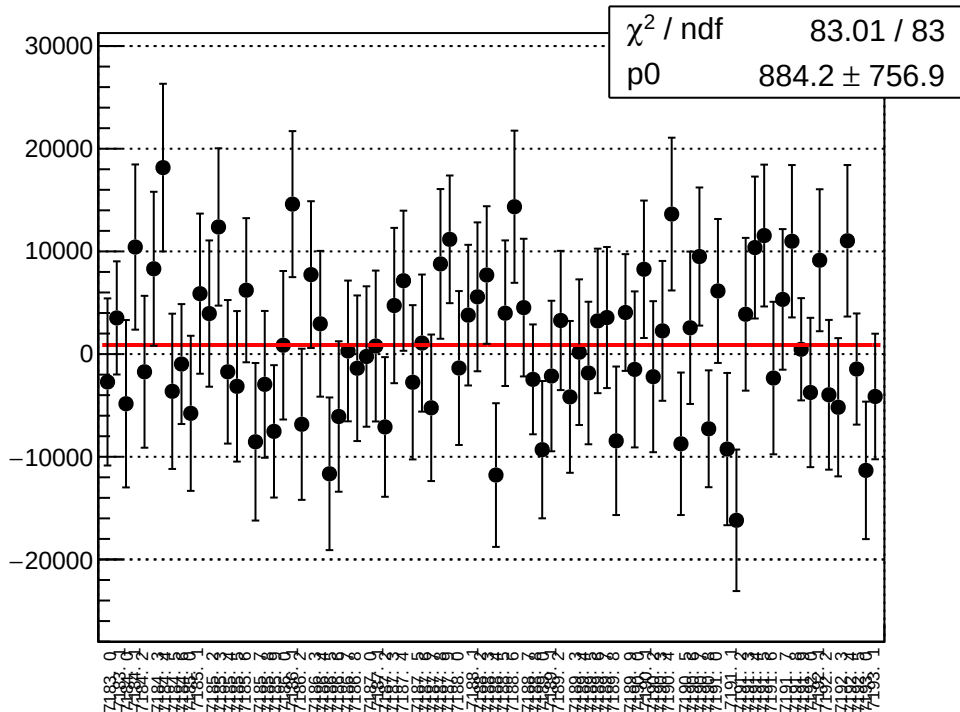
eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs run



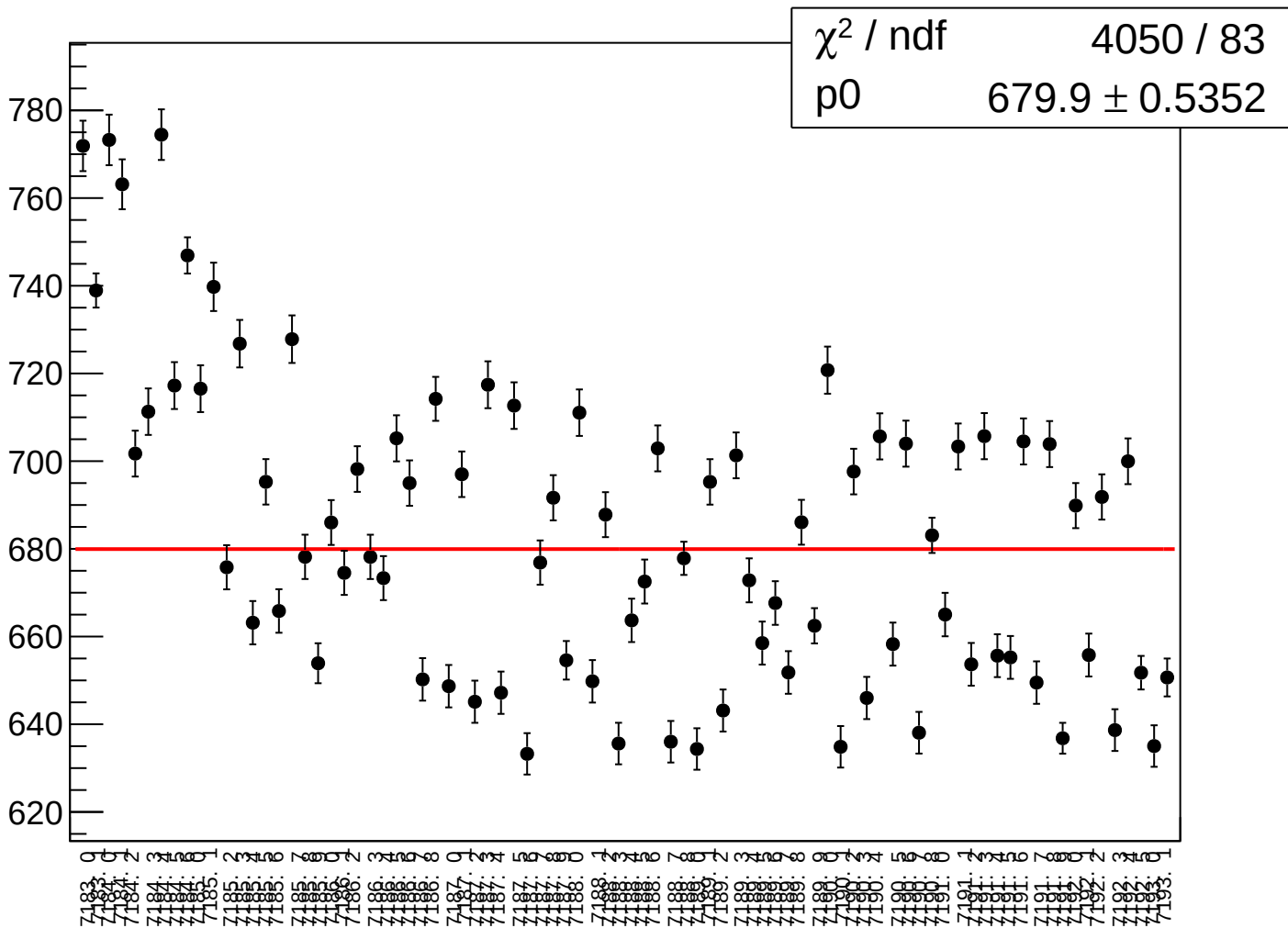
eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs run



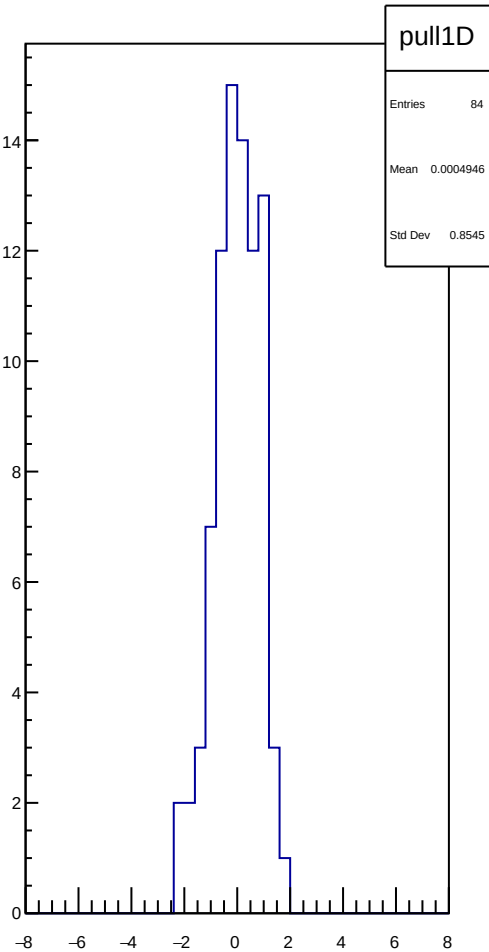
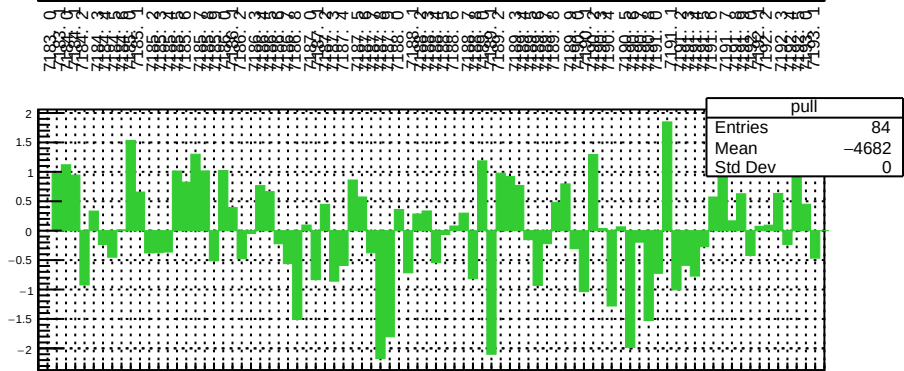
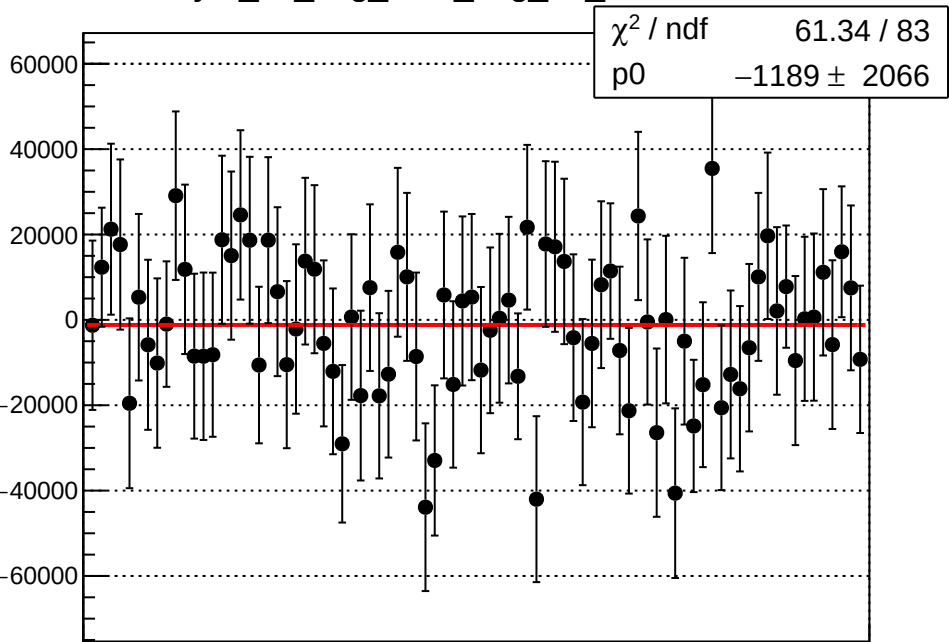
asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs run



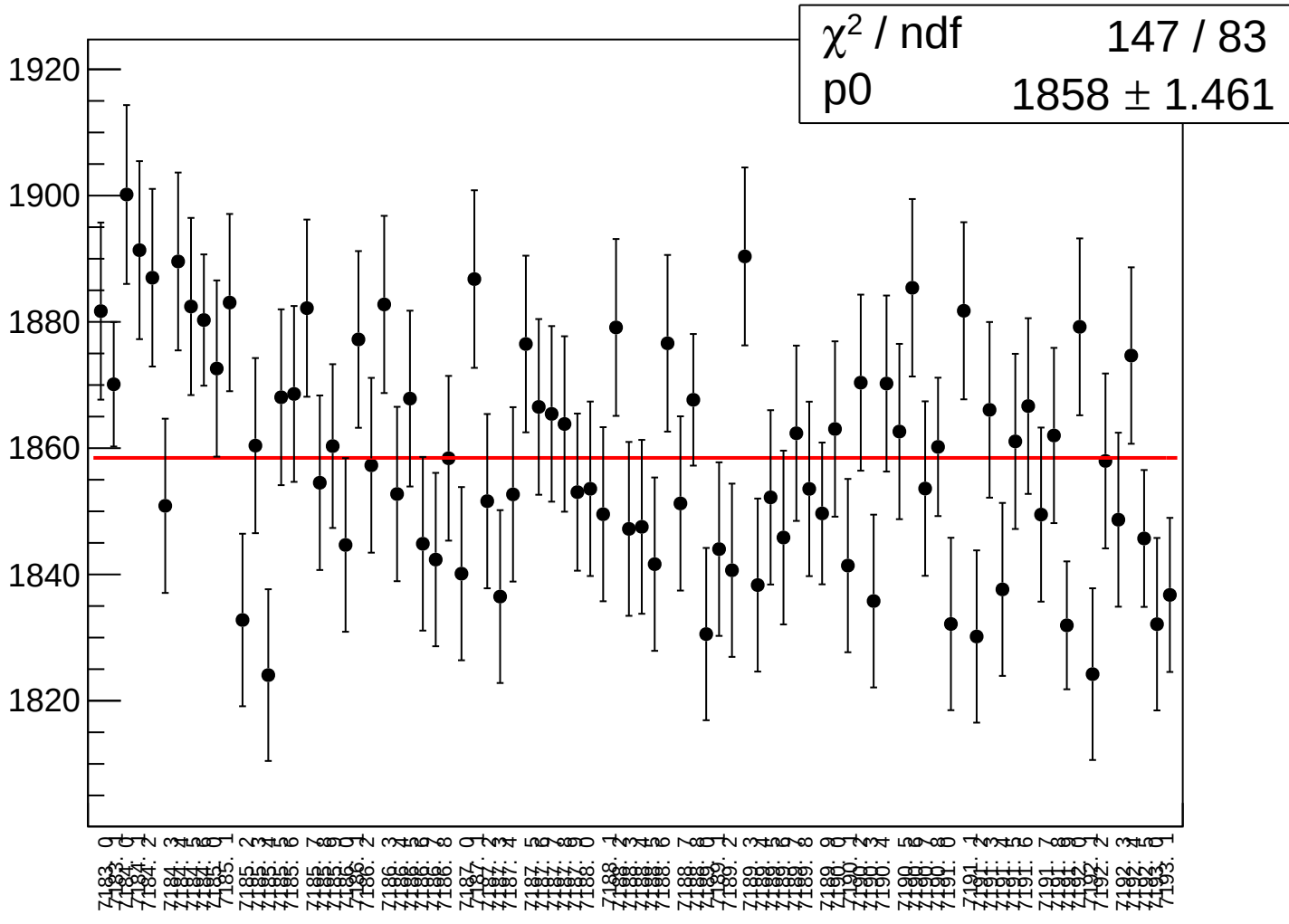
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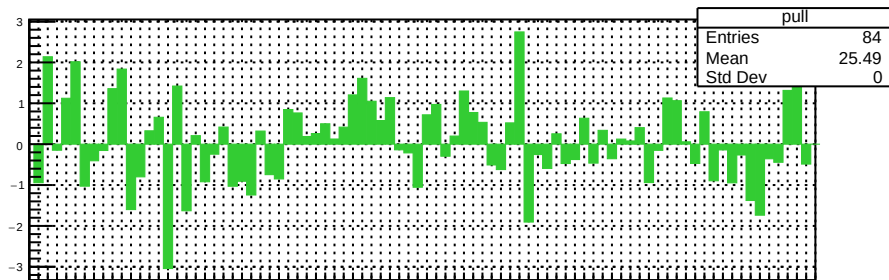
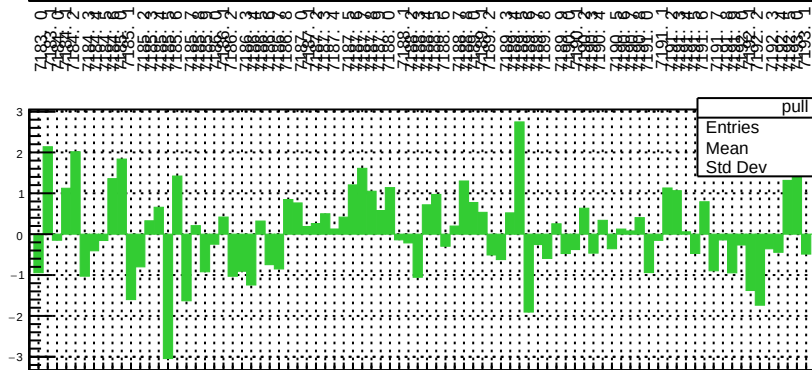
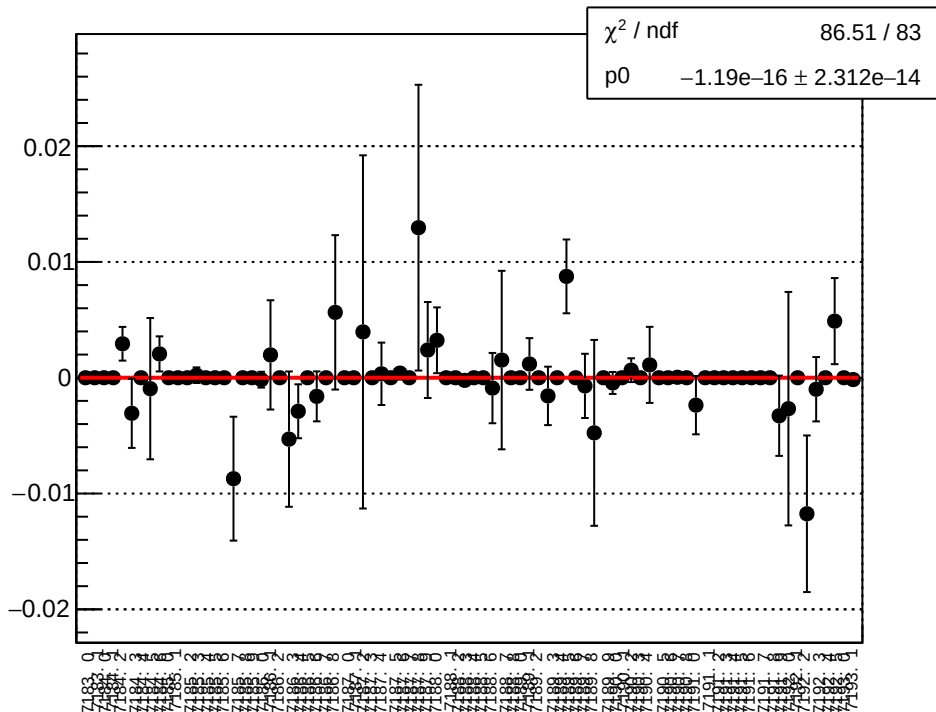
asym_us_avg_at1lr_avg_dd_mean vs run



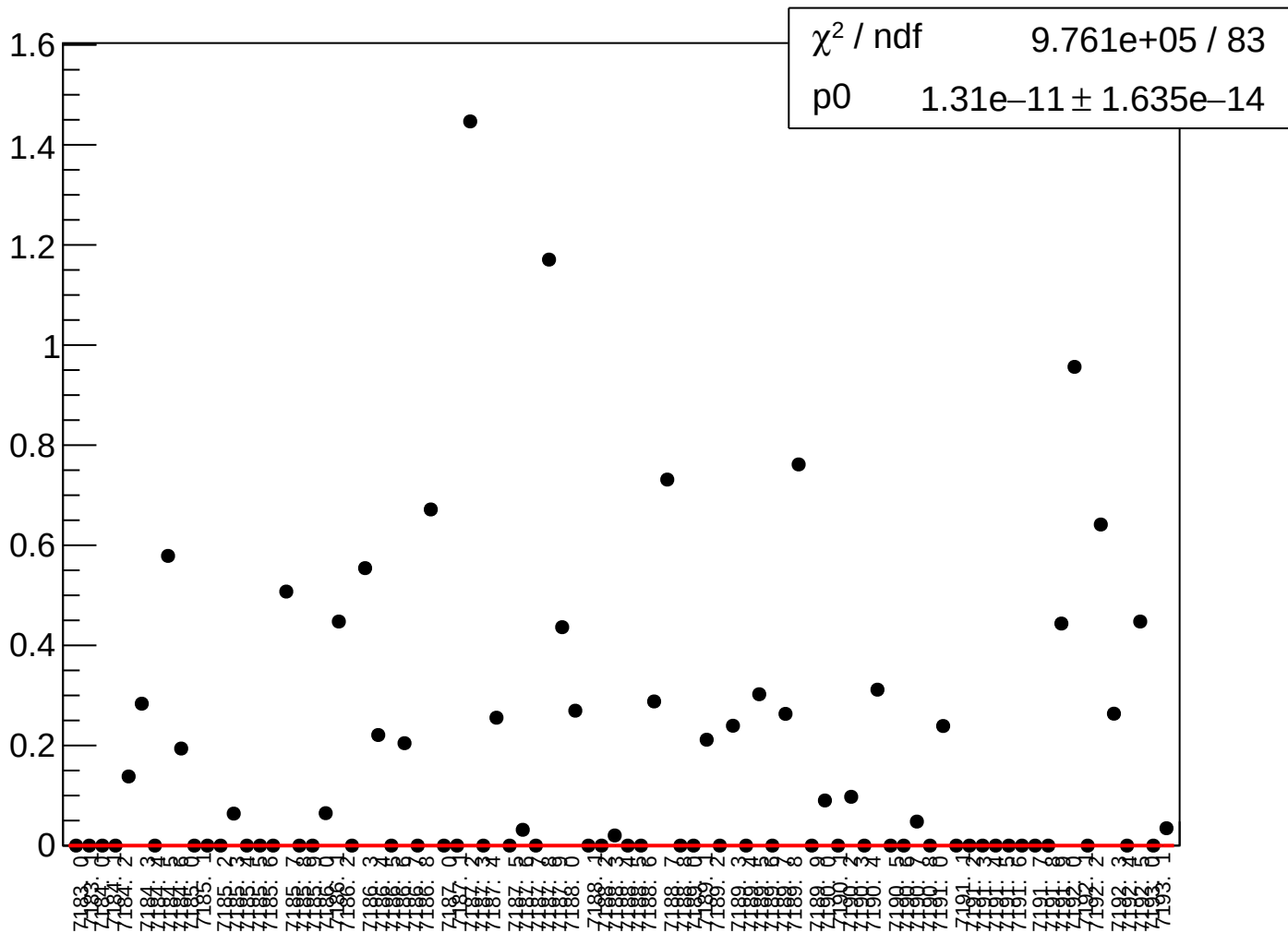
asym_us_avg_at1lr_avg_dd_rms vs run



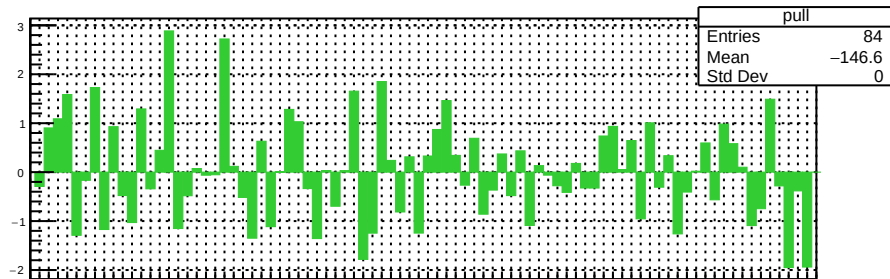
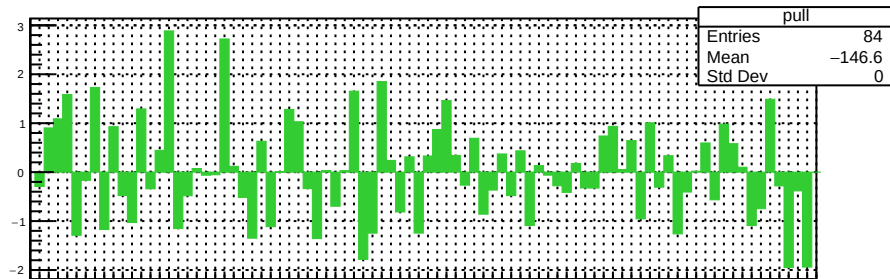
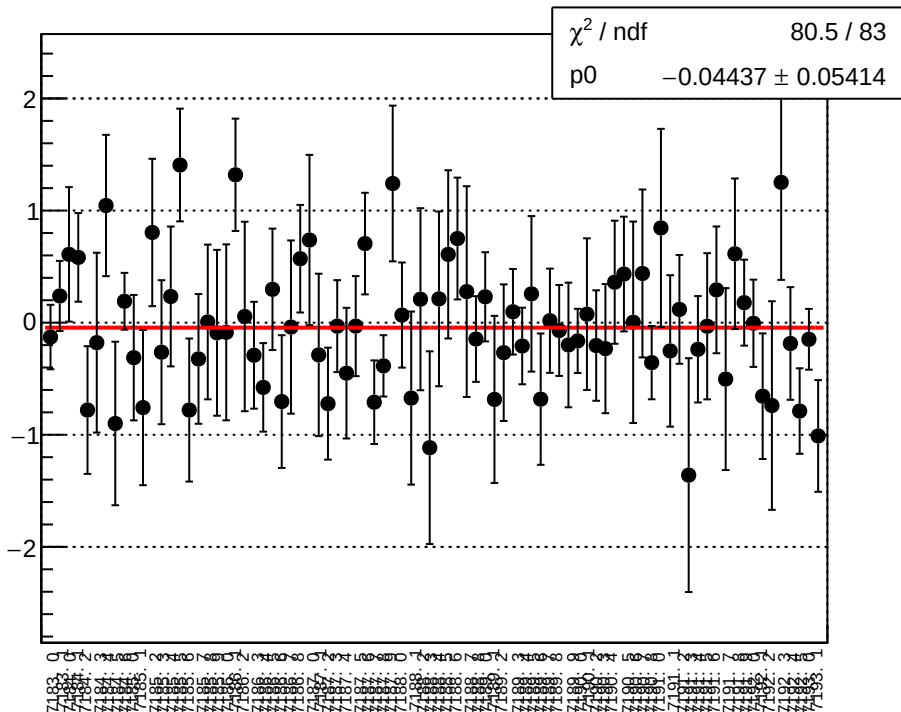
asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs run



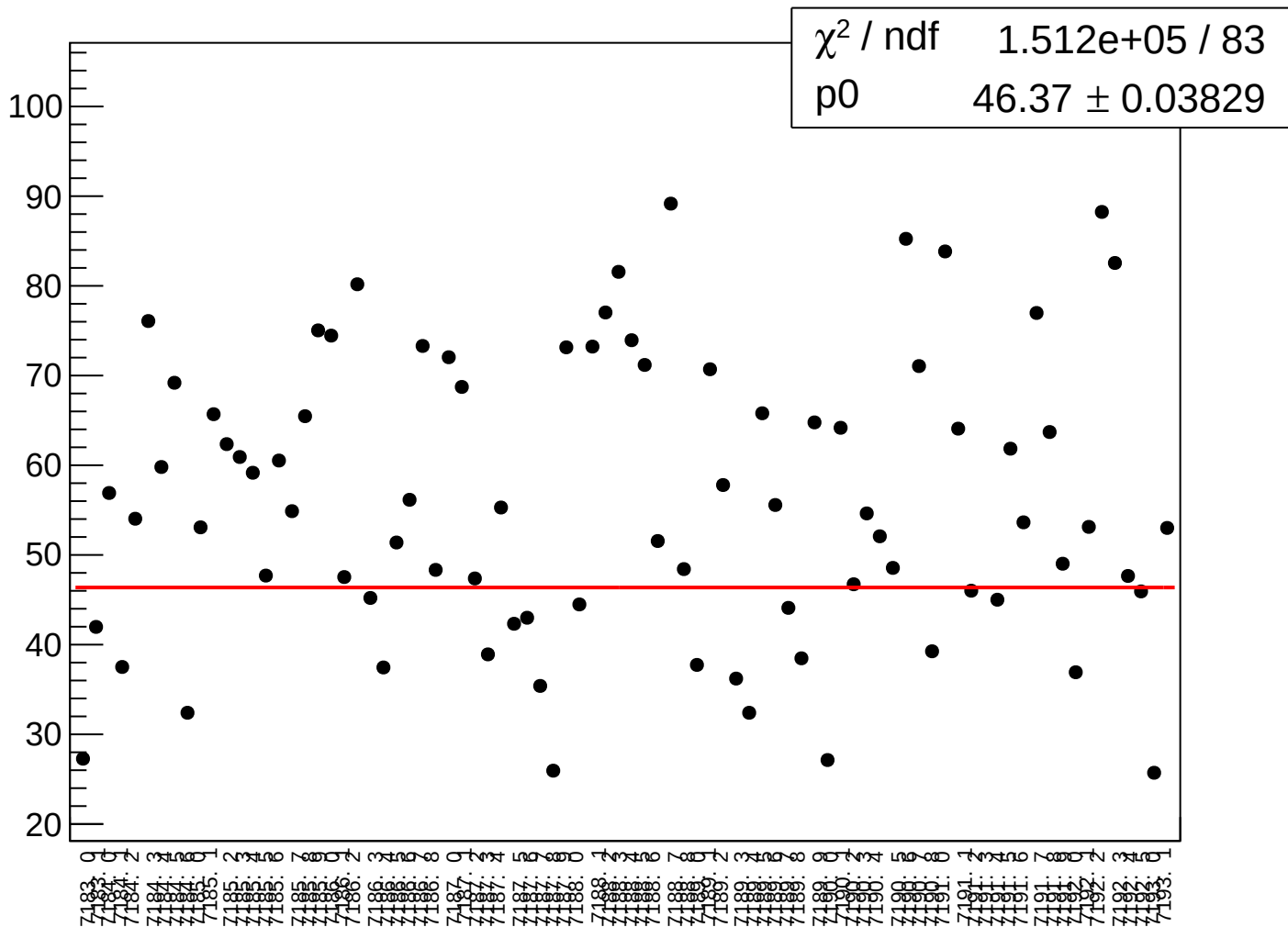
asym us avg at1lr avg dd reg vs cor diff rms vs run



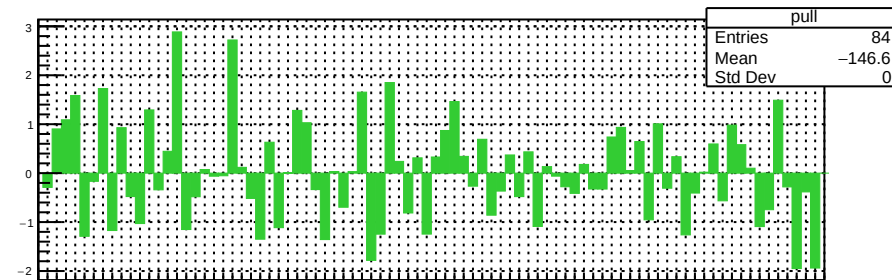
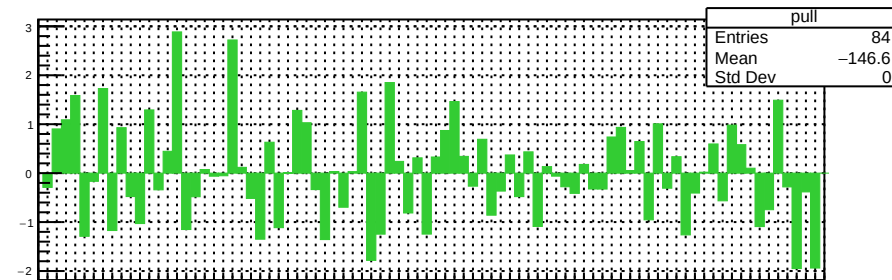
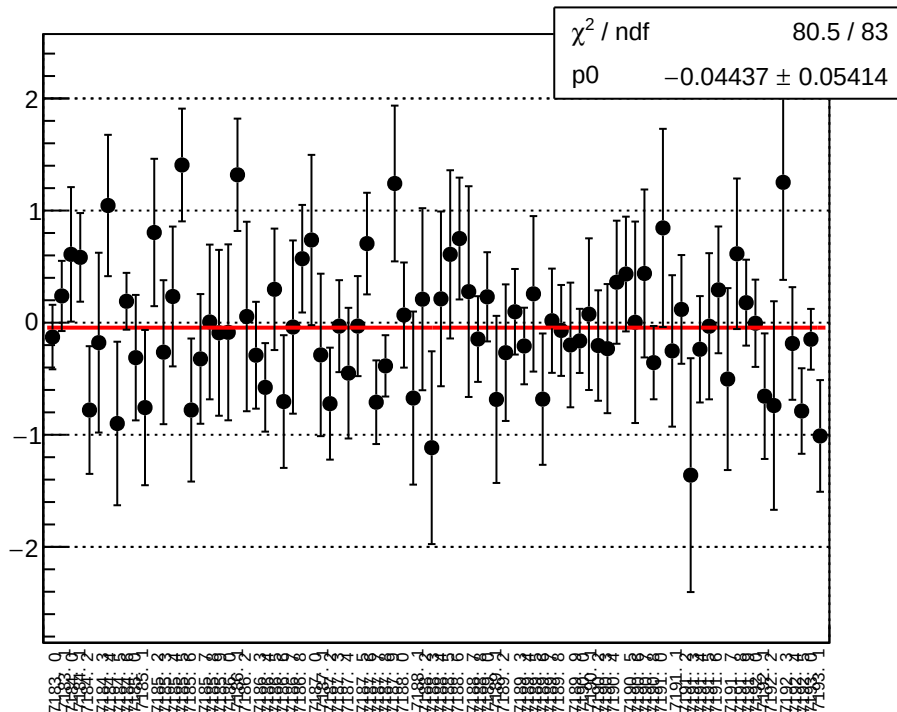
asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs run



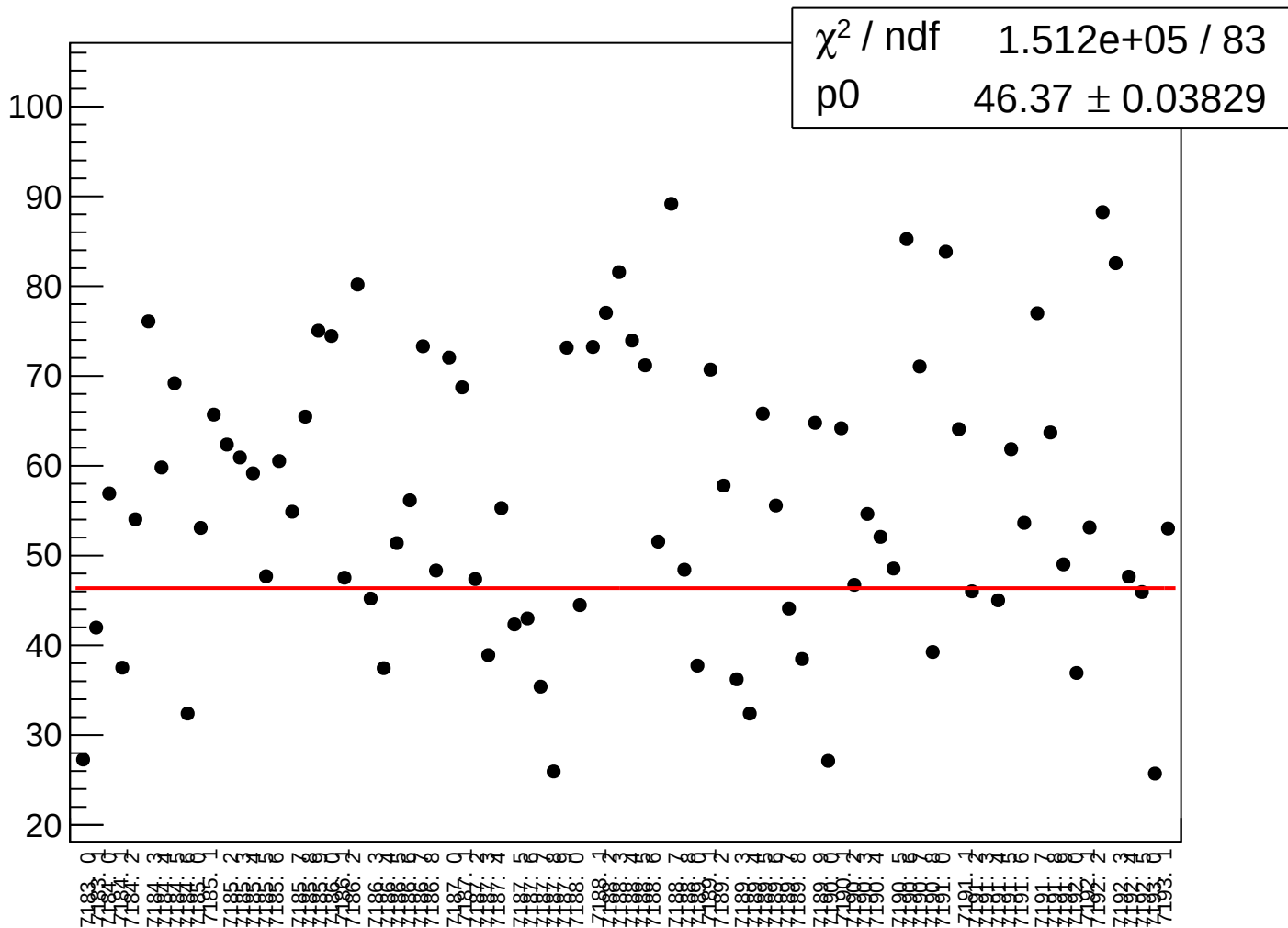
asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs run



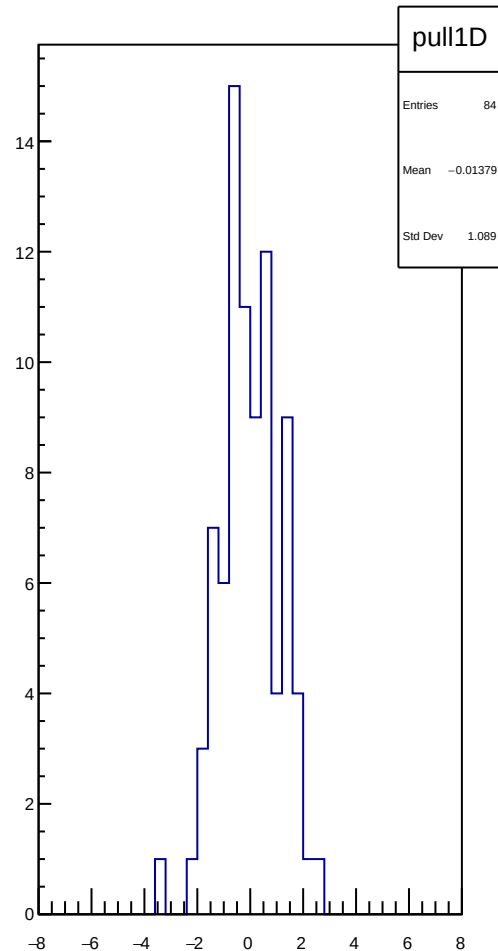
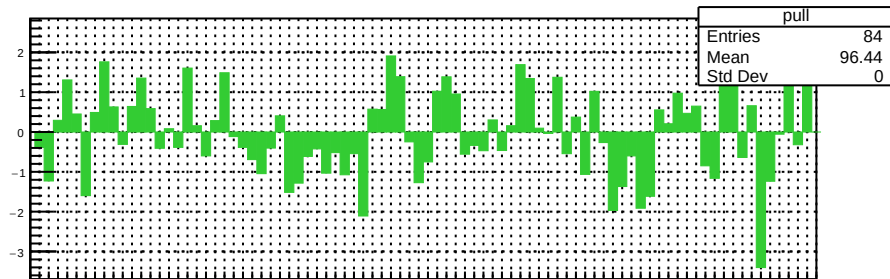
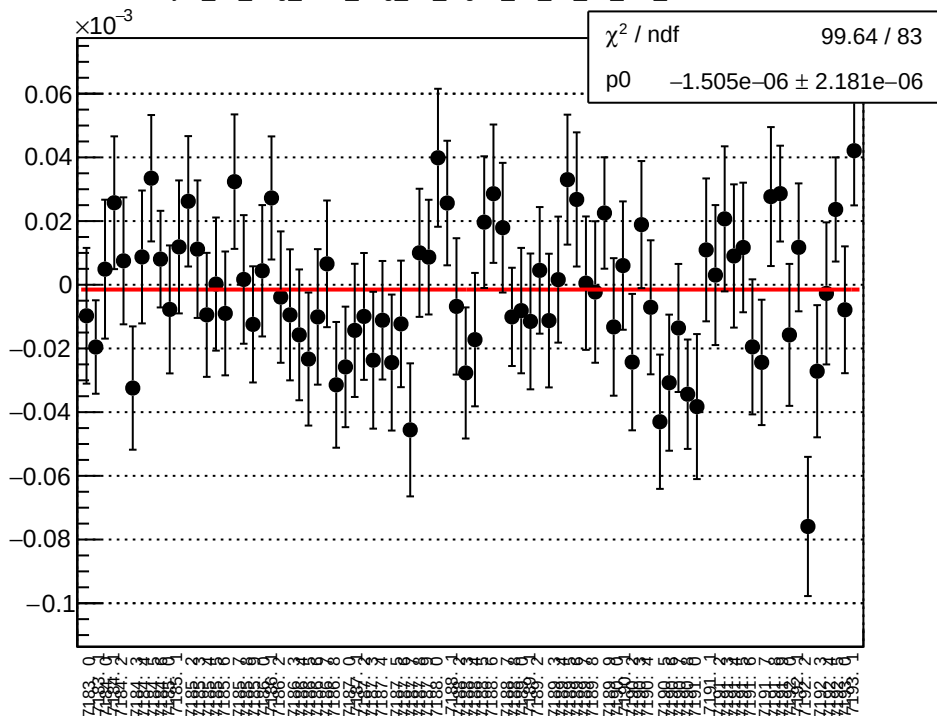
asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs run



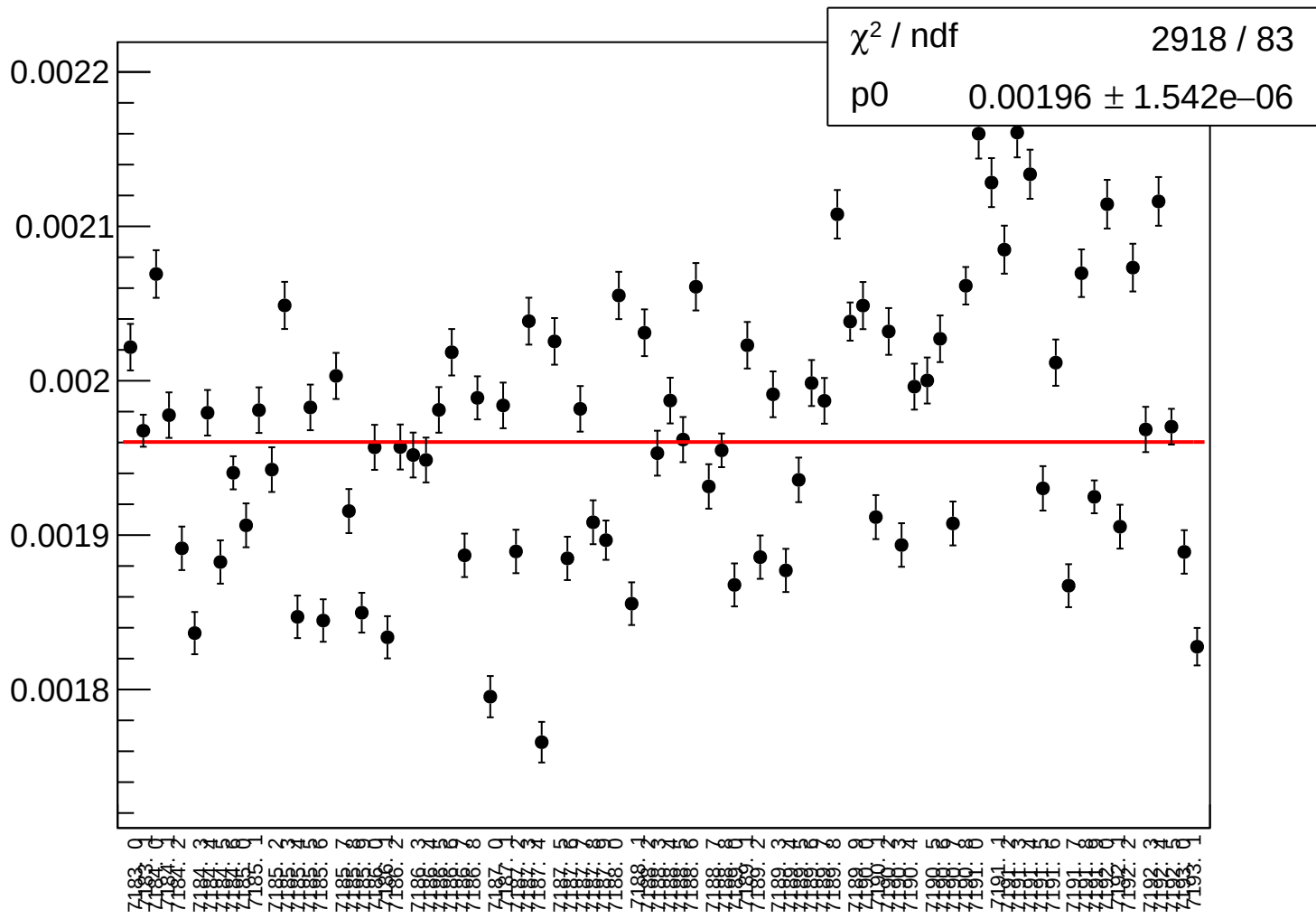
asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs run



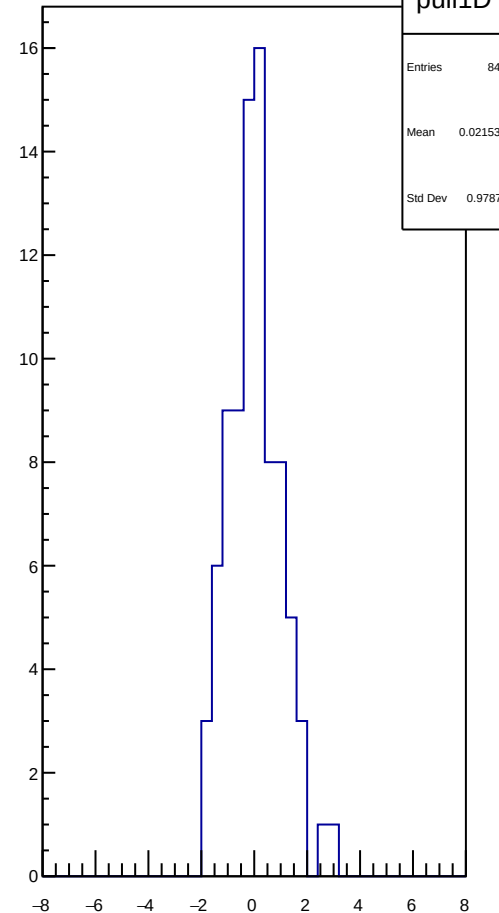
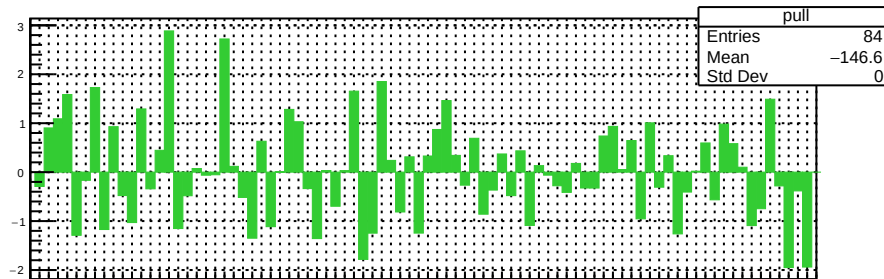
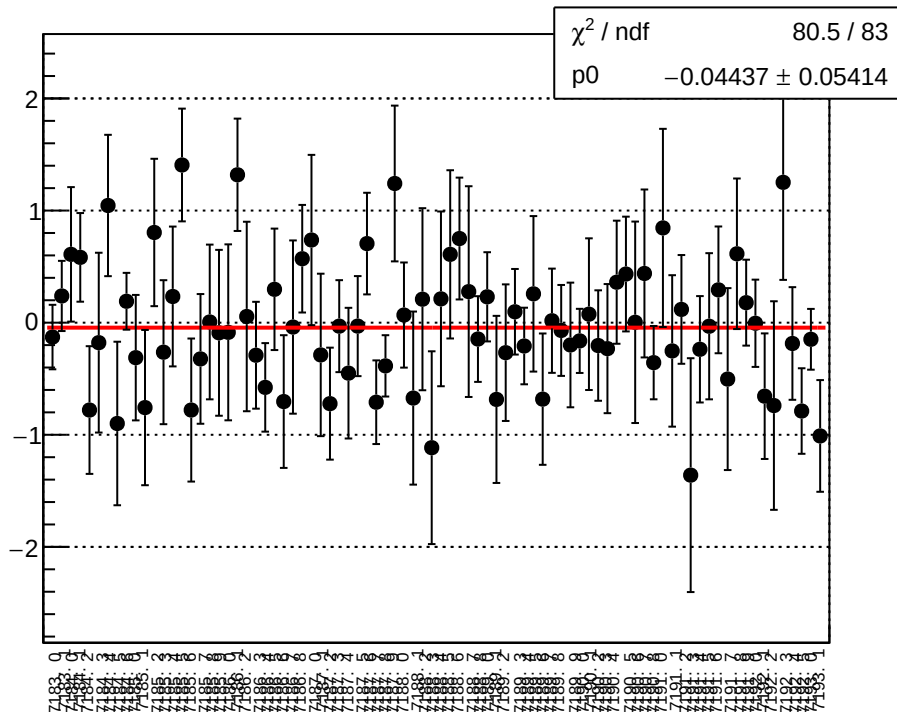
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs run



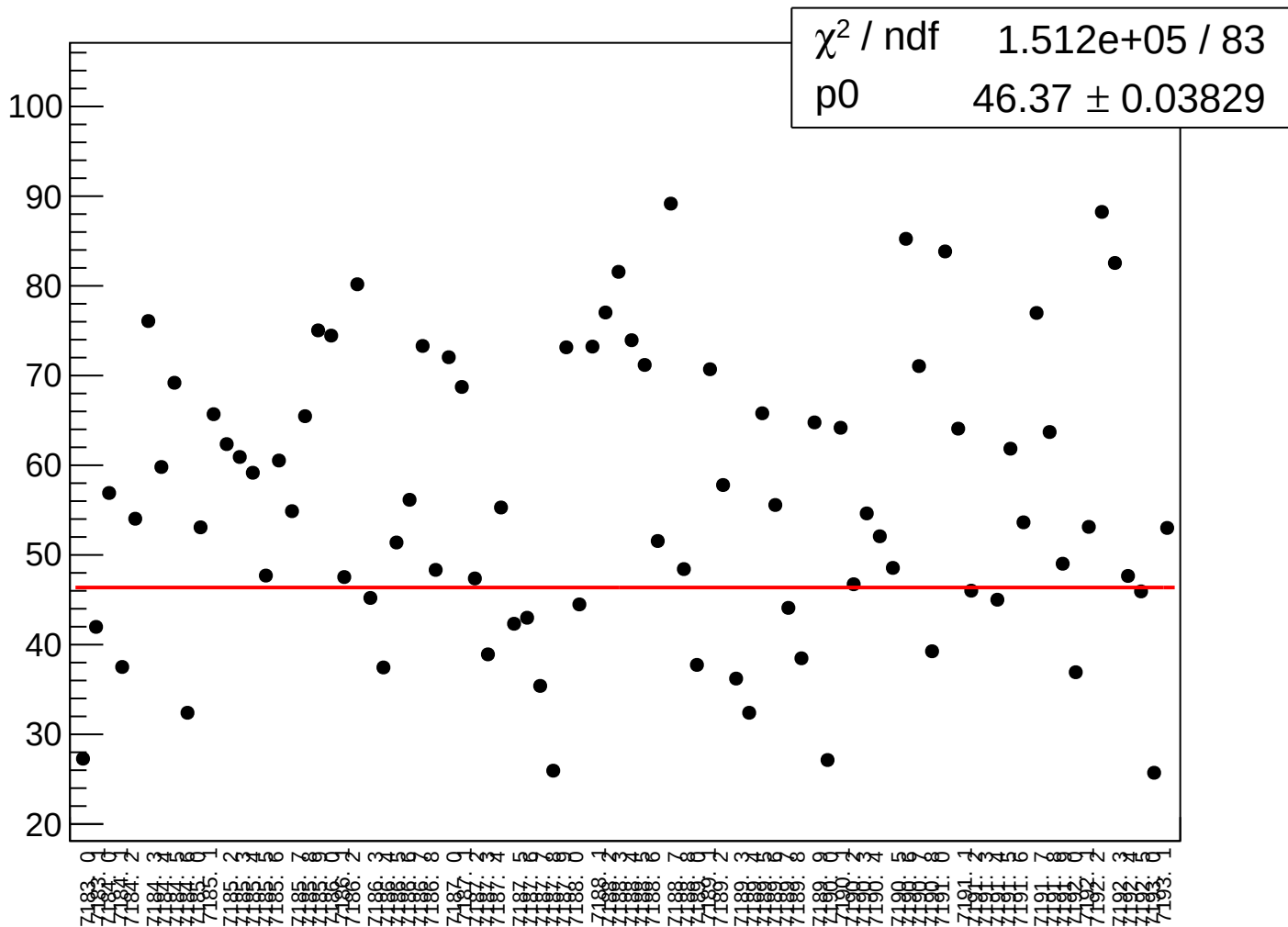
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs run



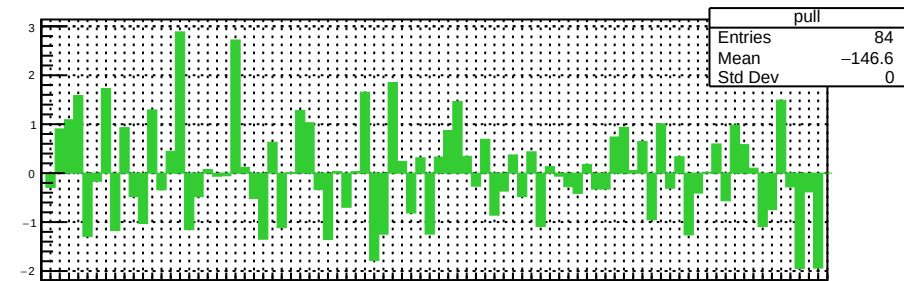
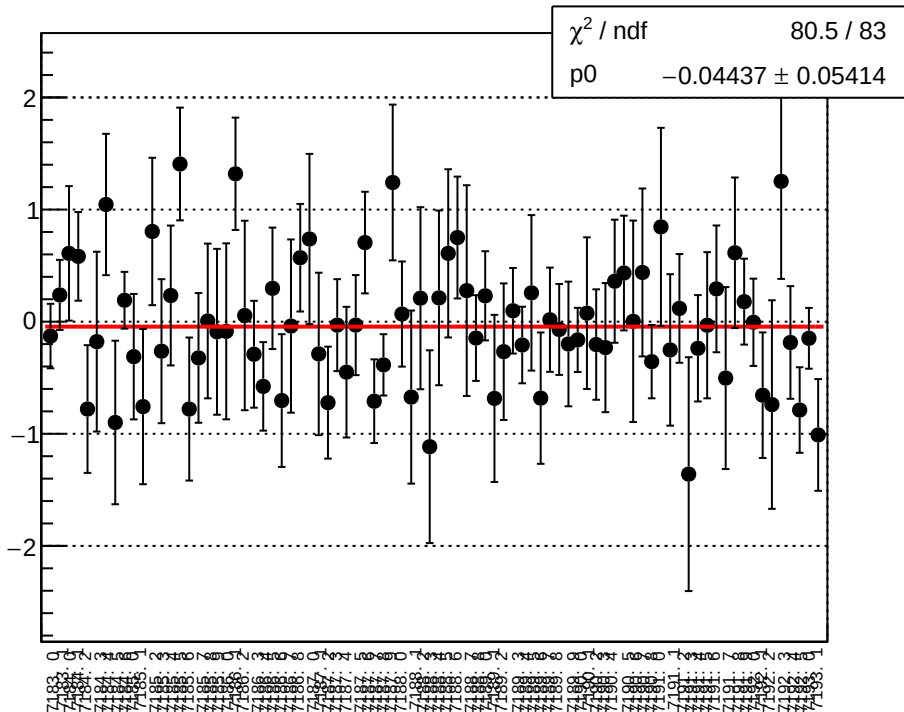
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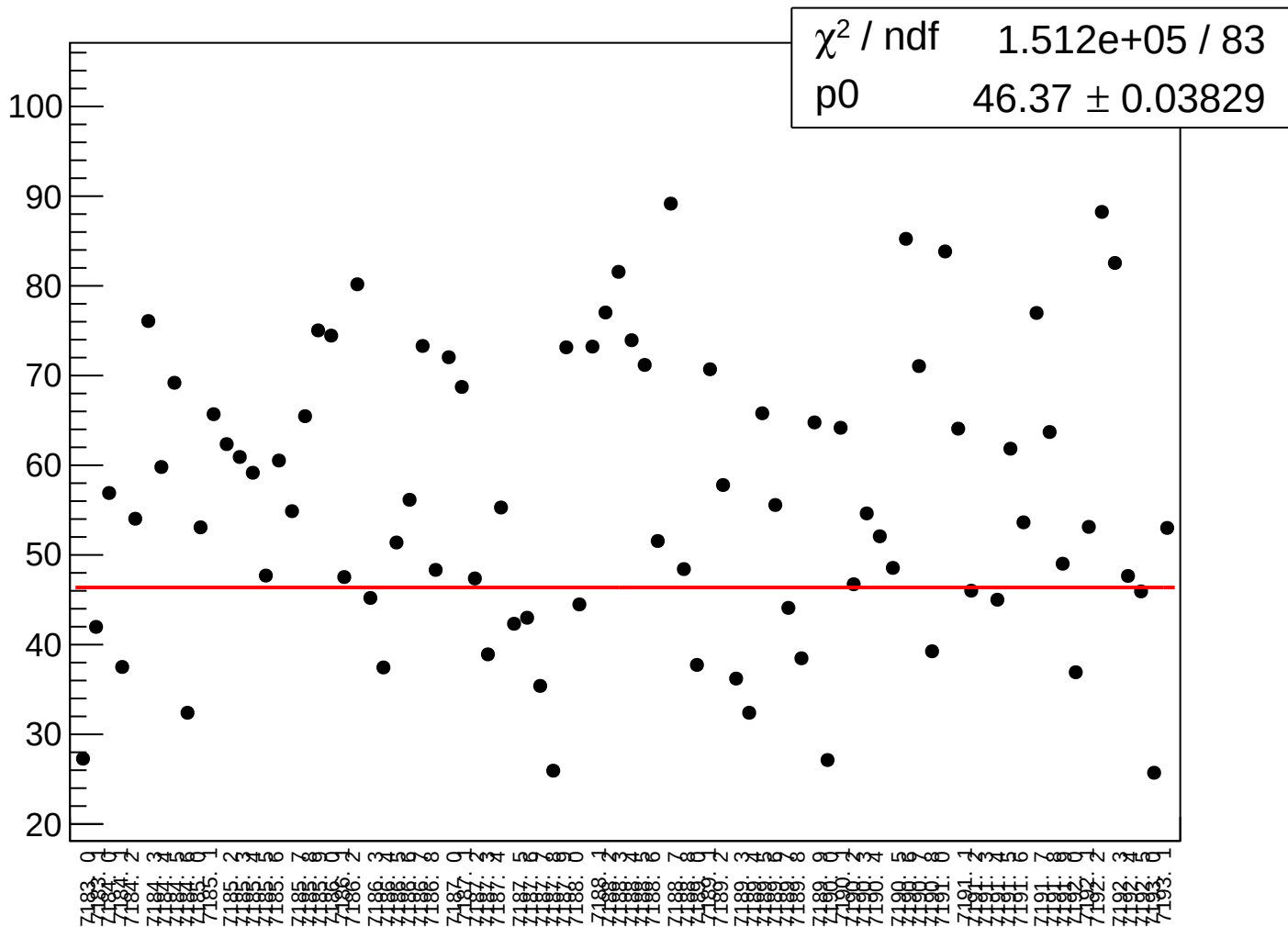
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs run



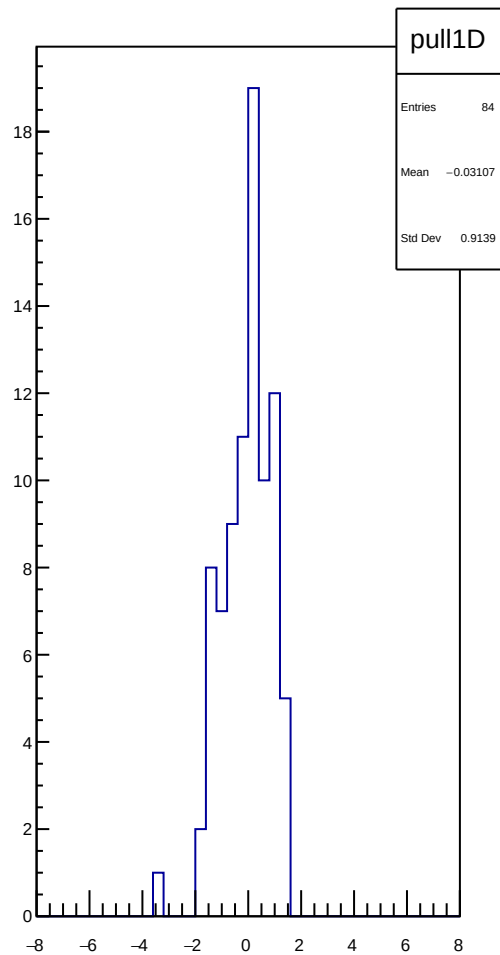
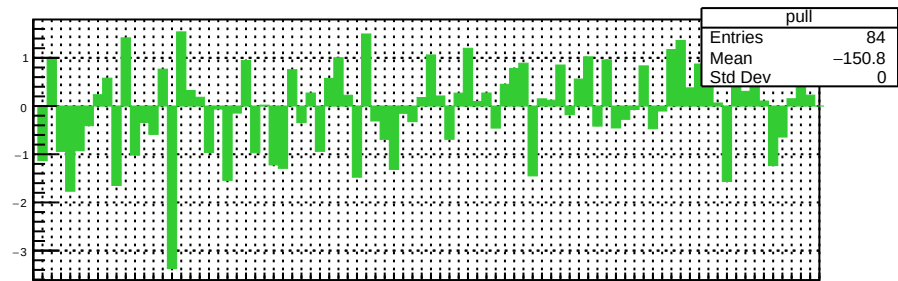
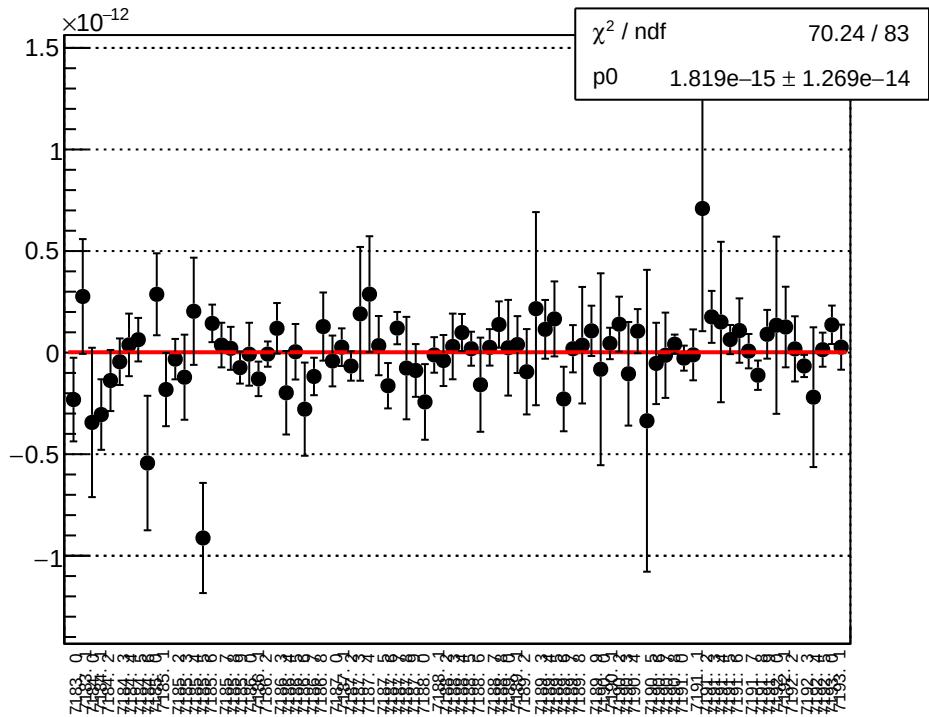
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



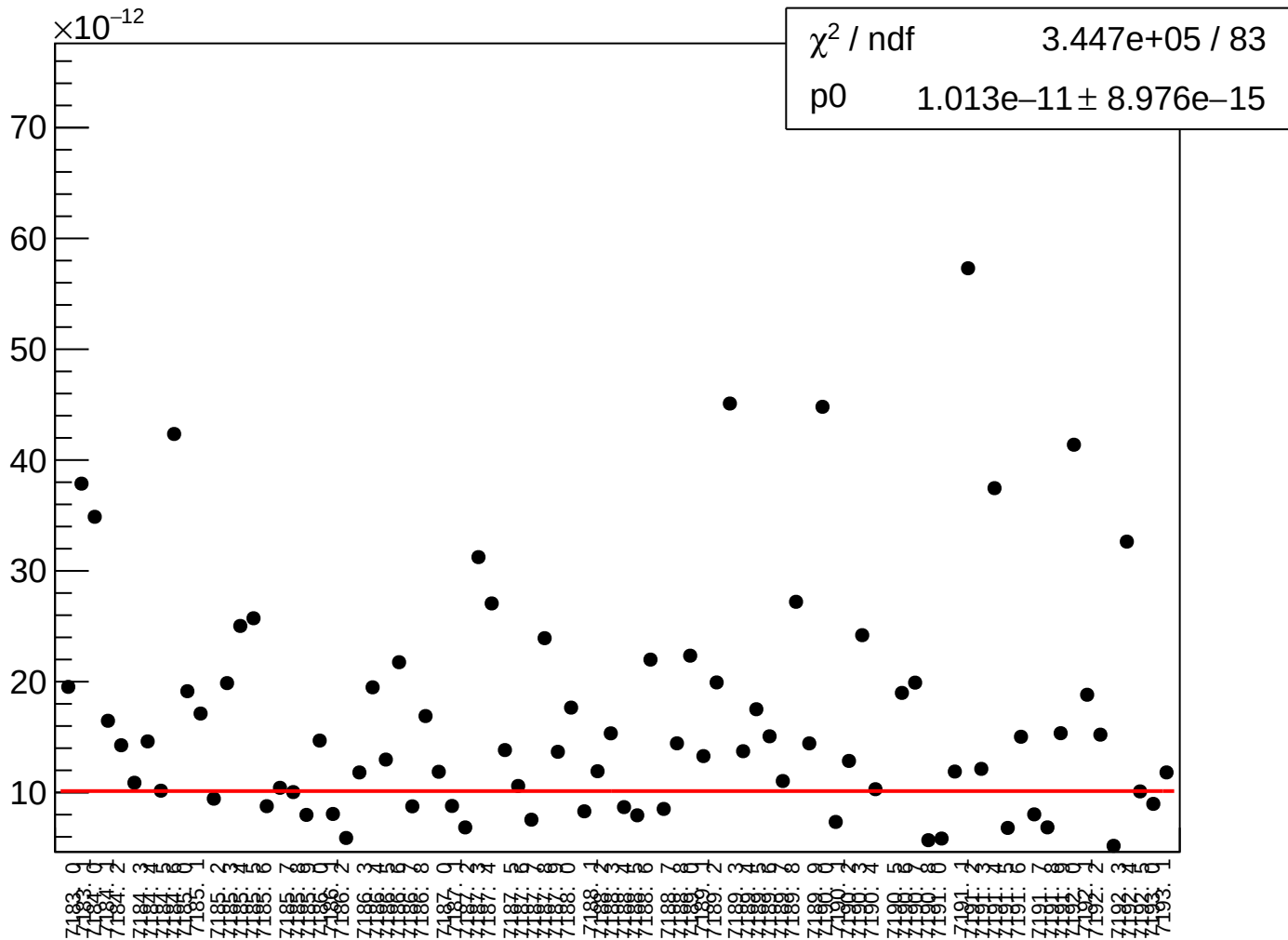
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



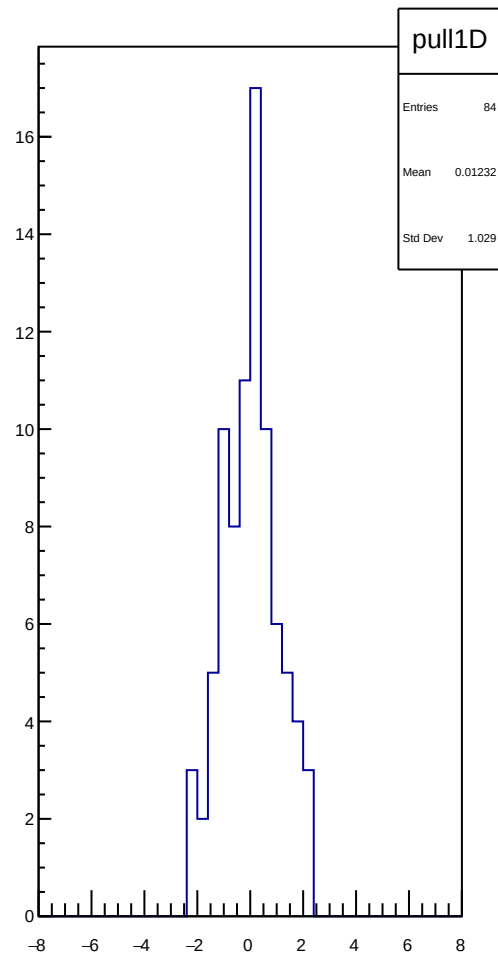
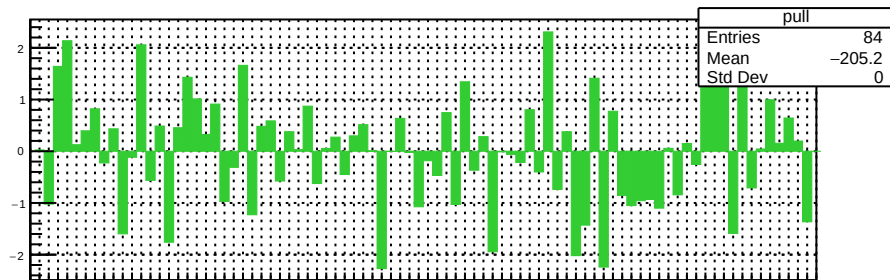
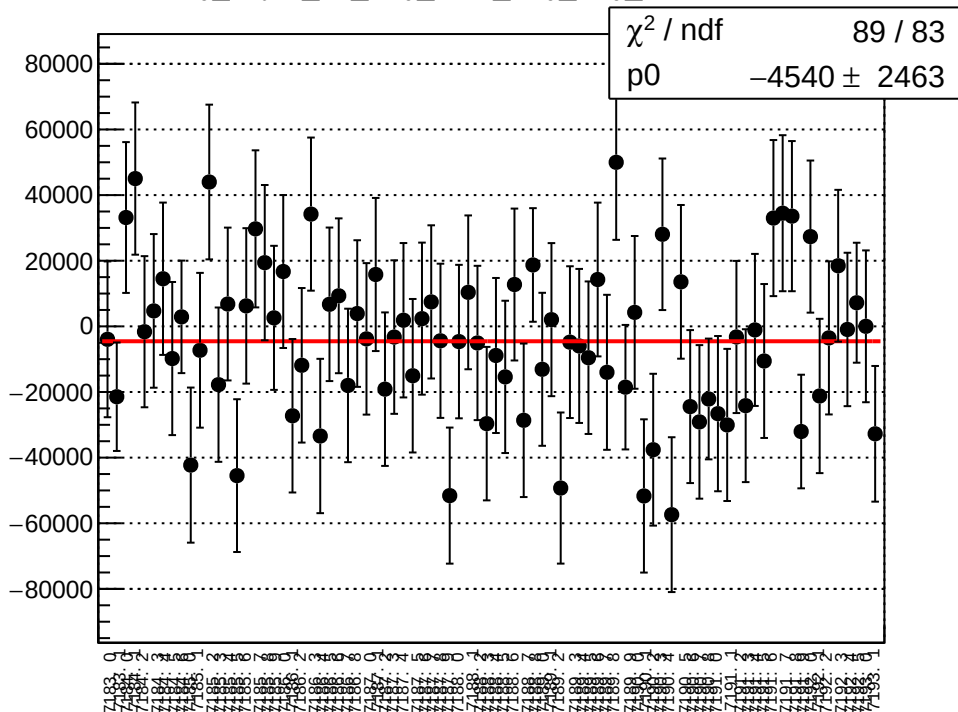
asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs run



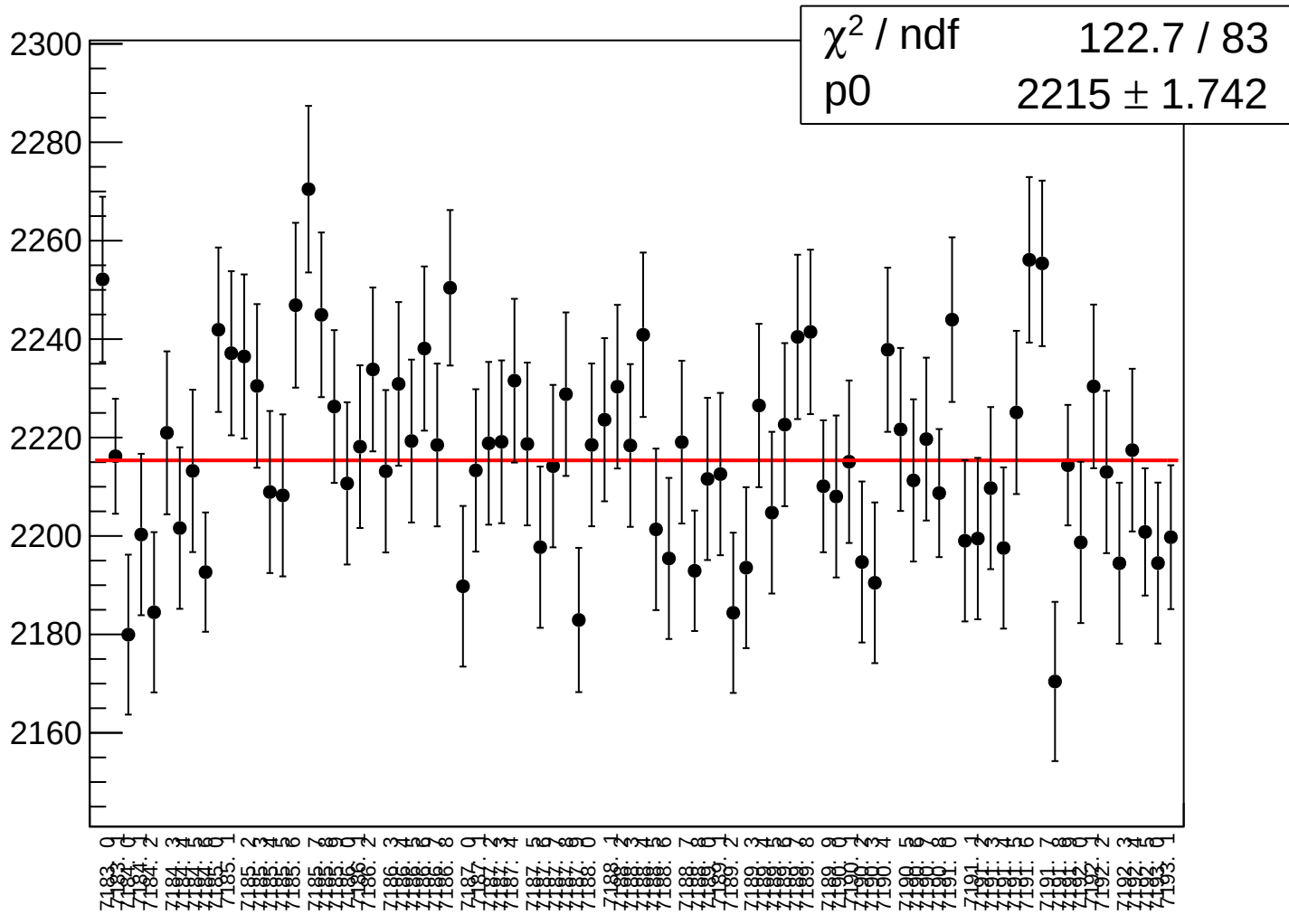
asym_us avg at1lr avg dd eigen cor vs cor diff rms vs run



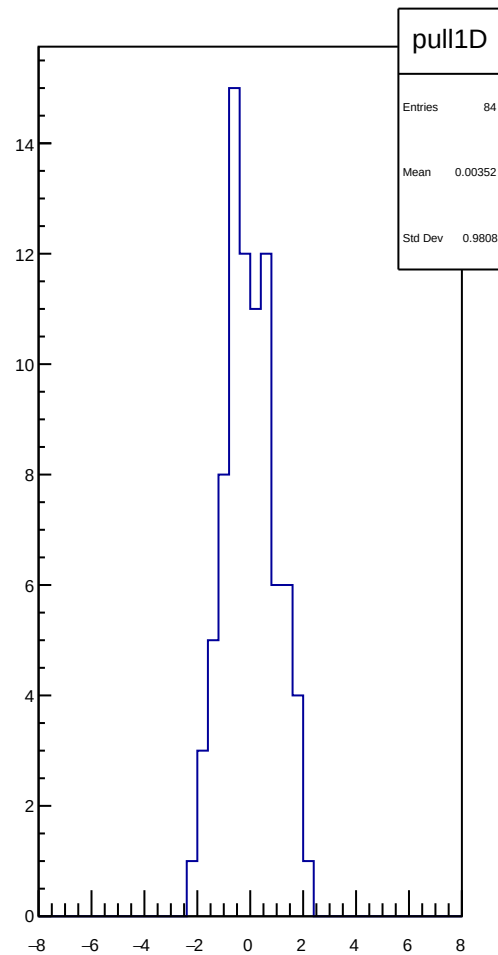
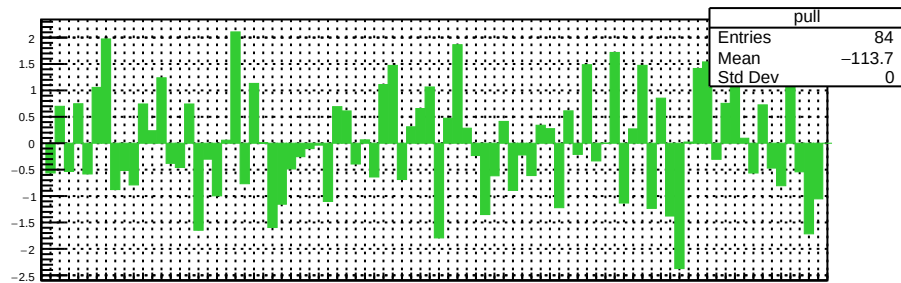
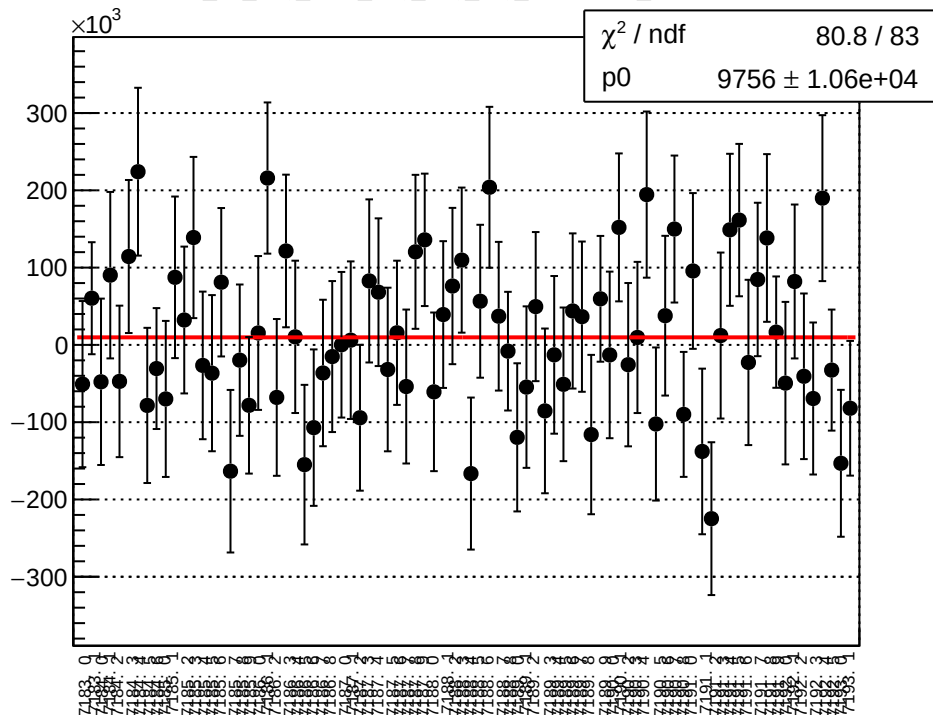
reg_asym_us_avg_at2lr_avg_avg_mean vs run



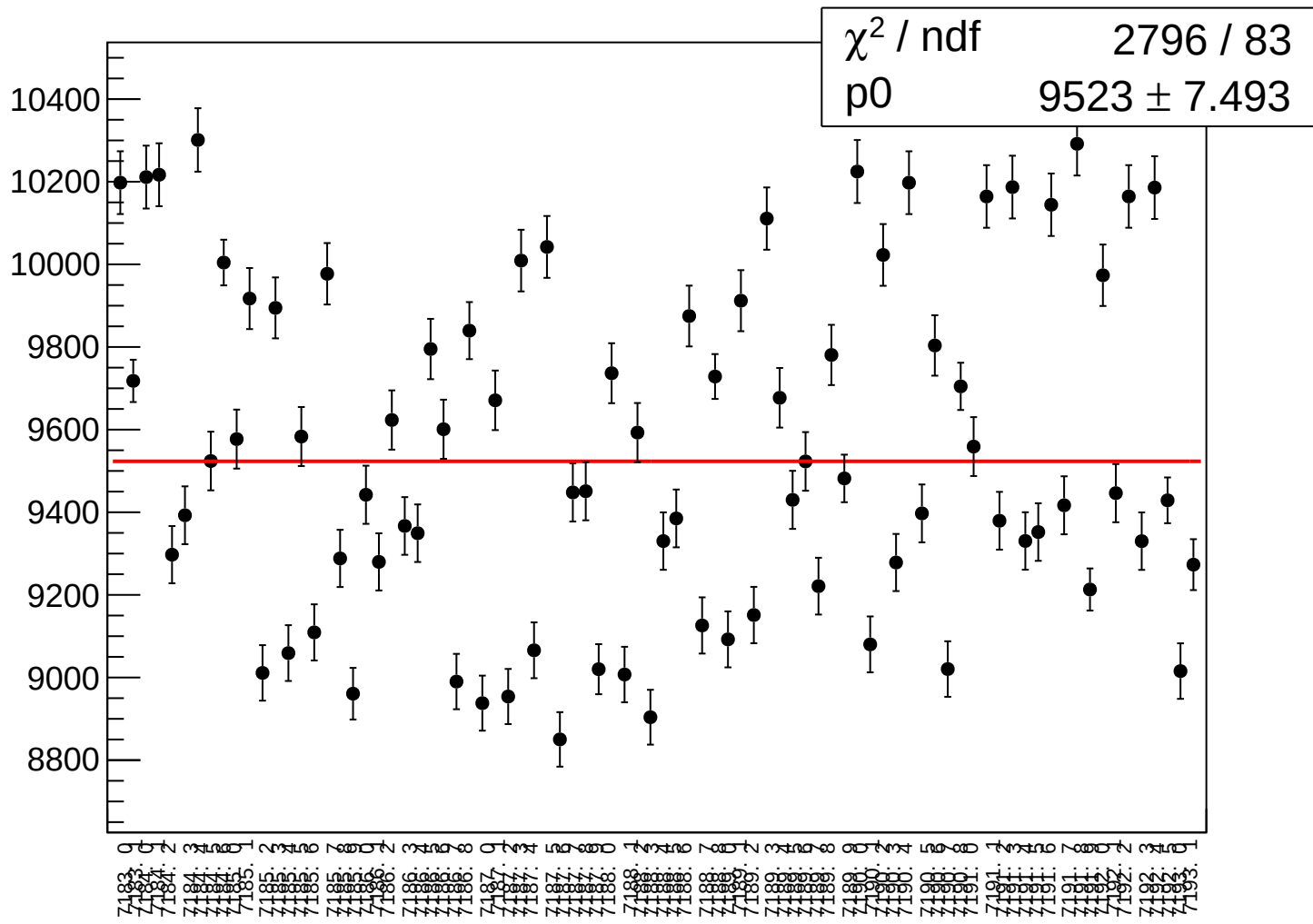
reg_asym_us_avg_at2lr_avg_avg_rms vs run



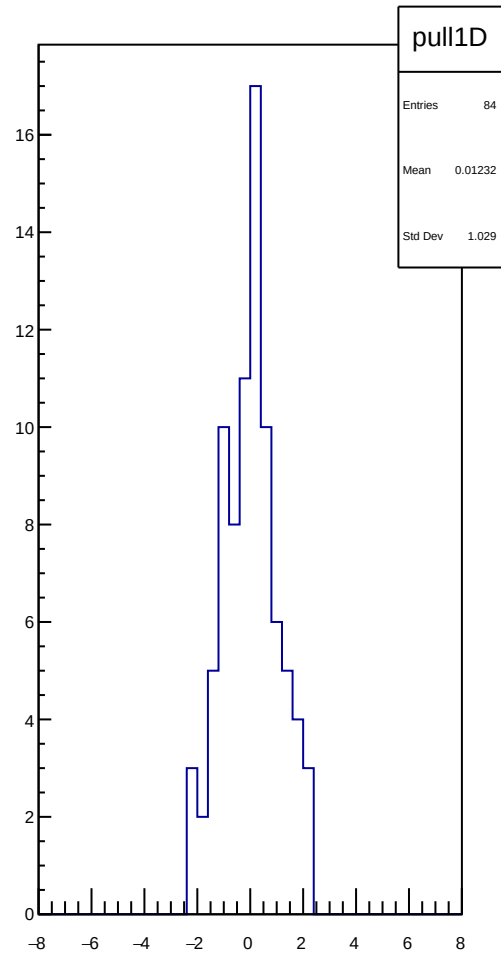
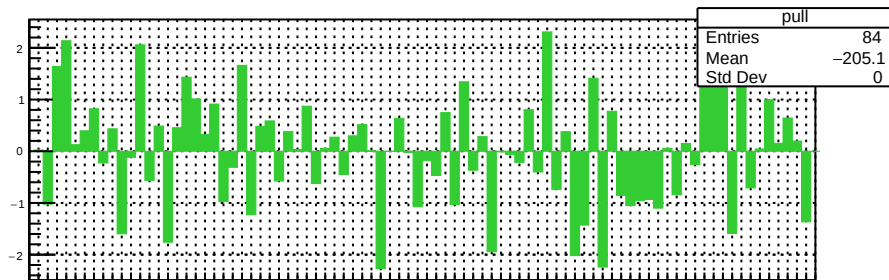
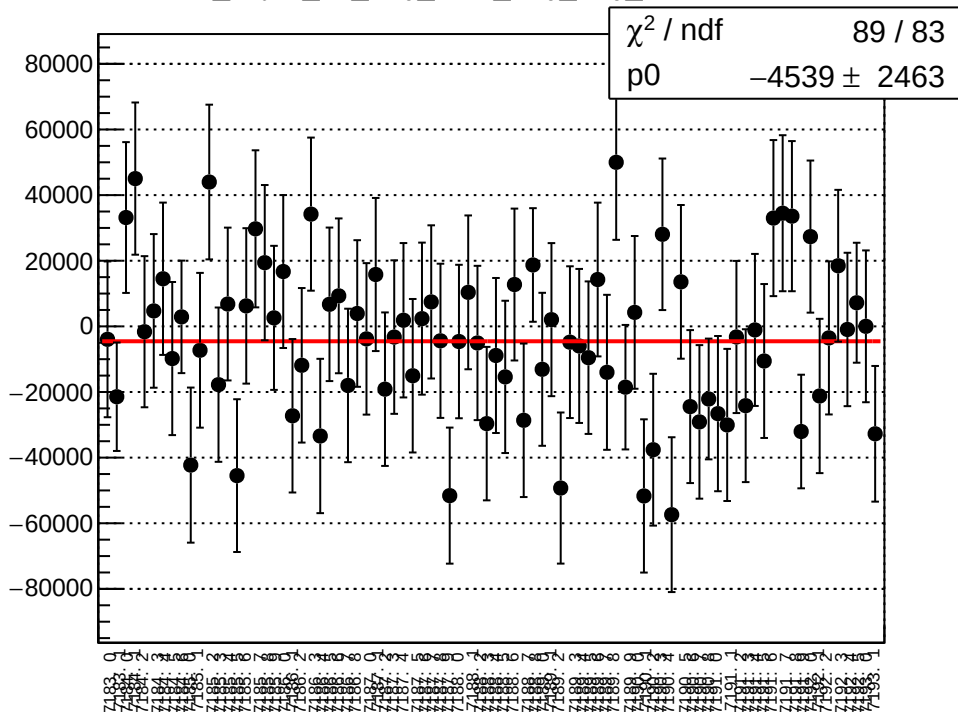
asym_us_avg_at2lr_avg_avg_reg_correction_mean vs run



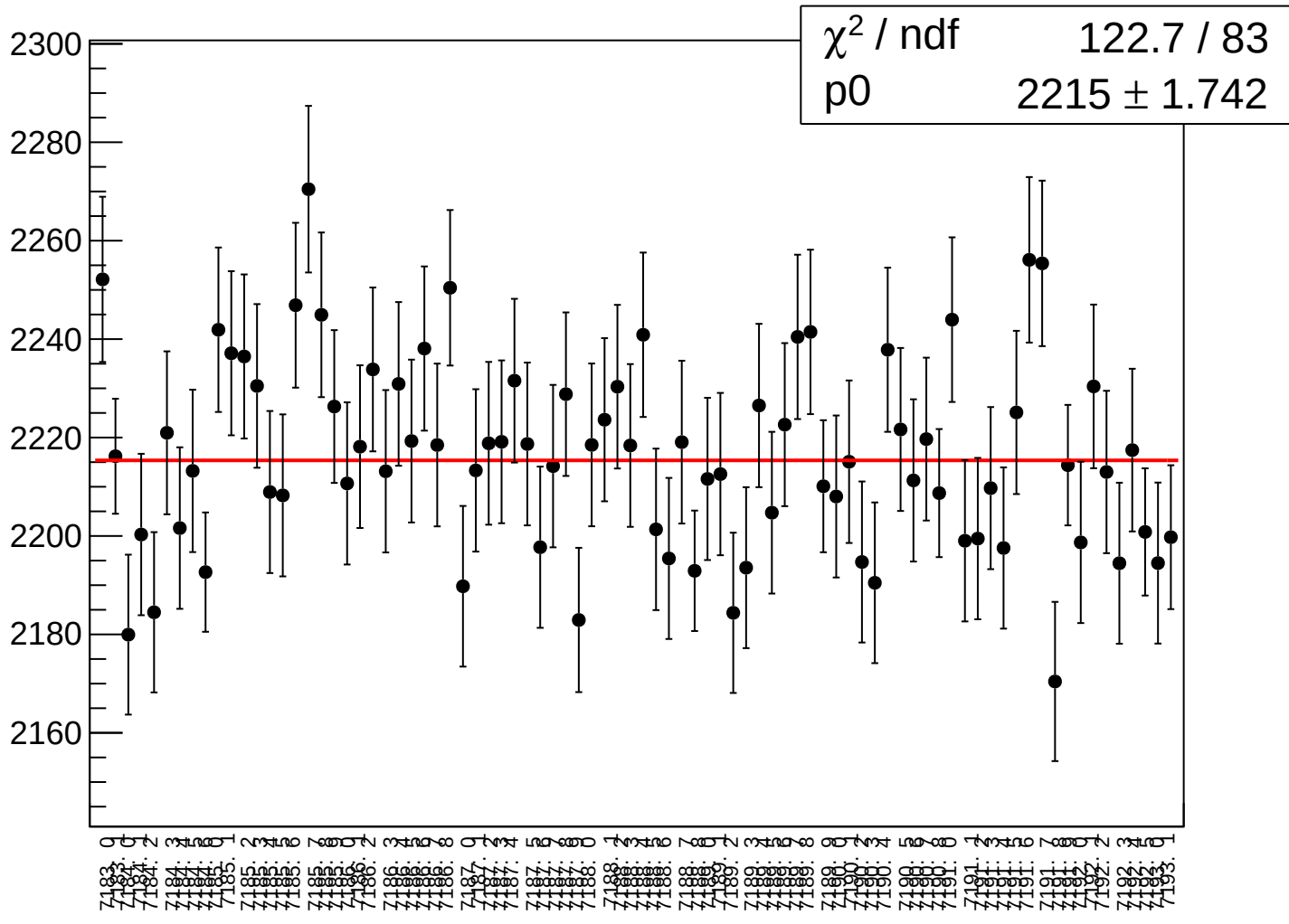
asym_us_avg_at2lr_avg_avg_reg_correction_rms vs run



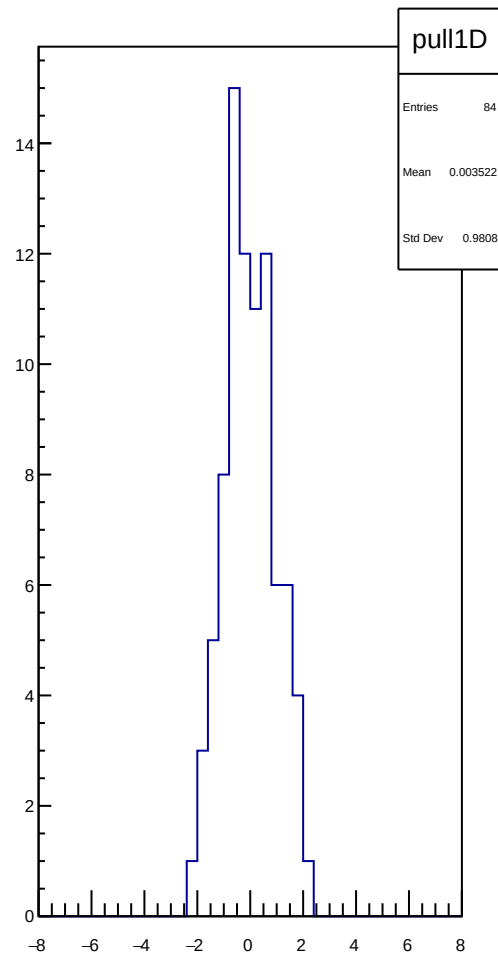
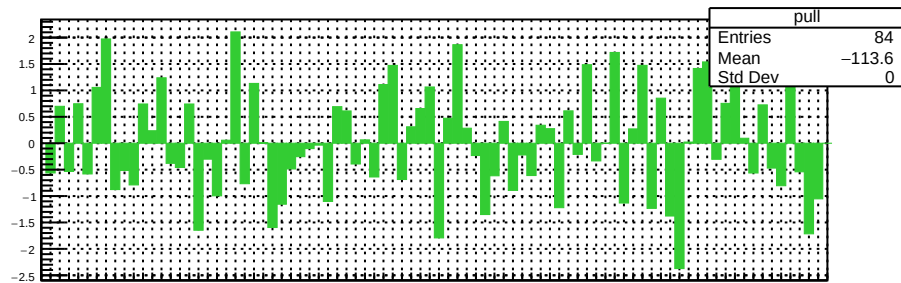
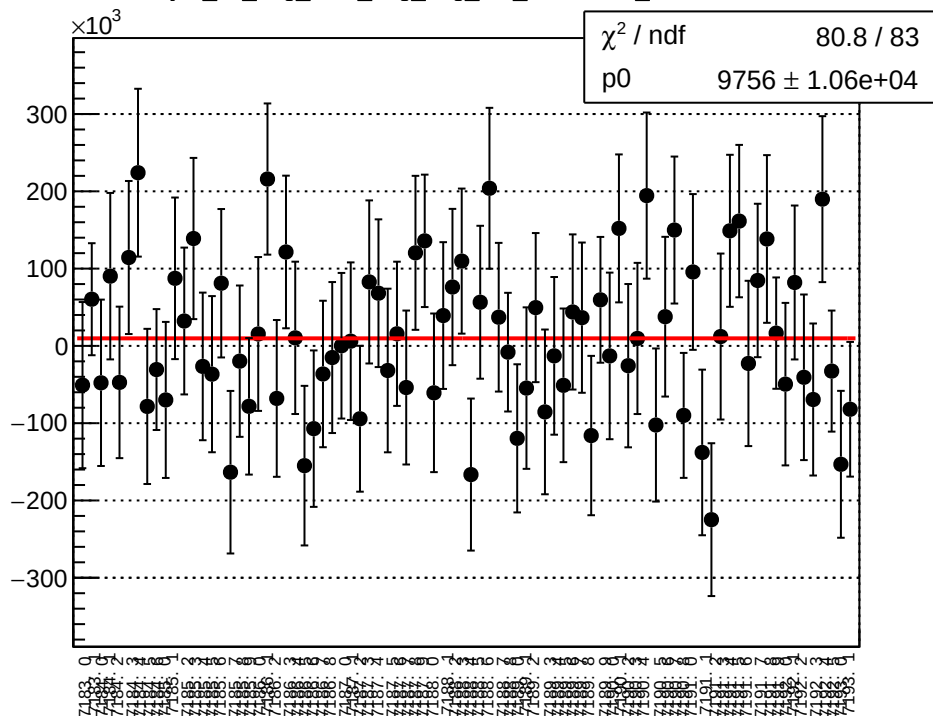
cor_asym_us_avg_at2lr_avg_avg_mean vs run



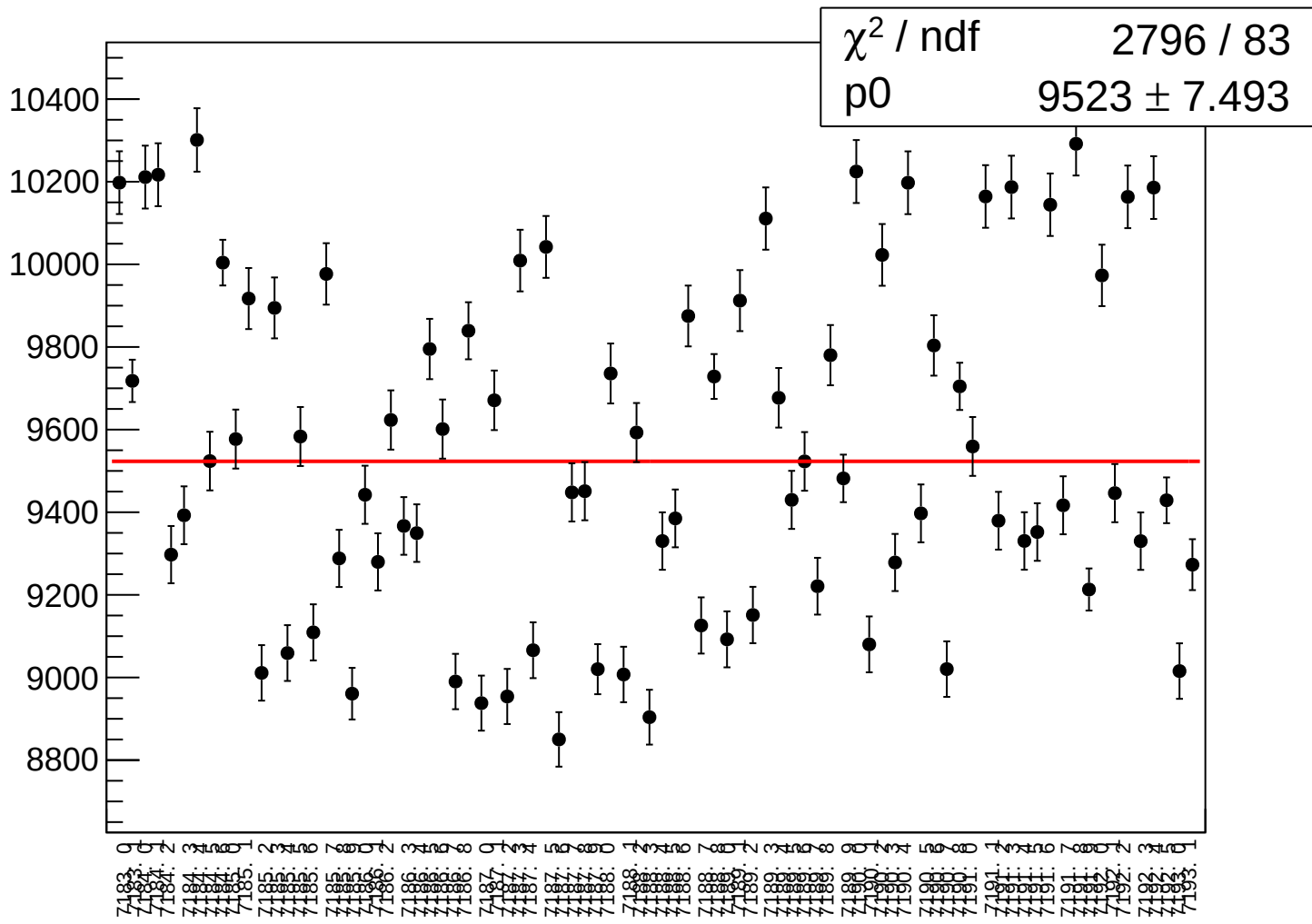
cor_asym_us_avg_at2lr_avg_avg_rms vs run



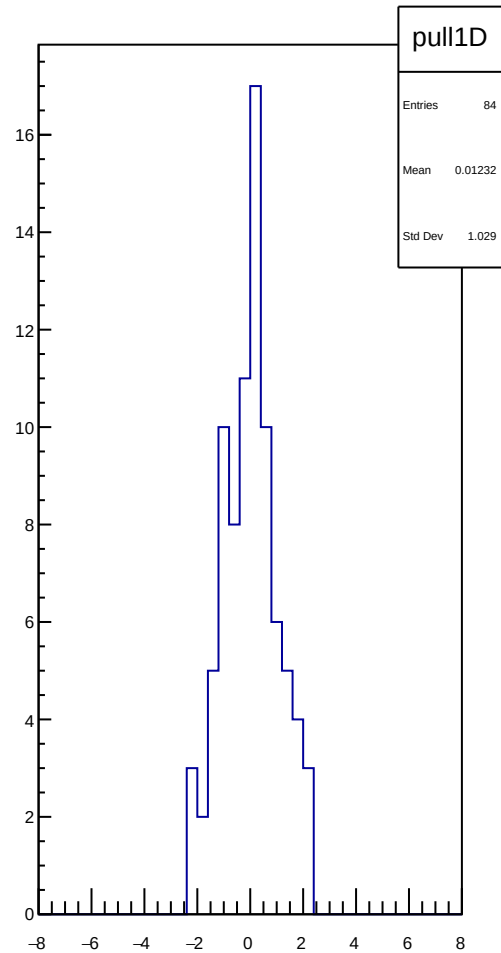
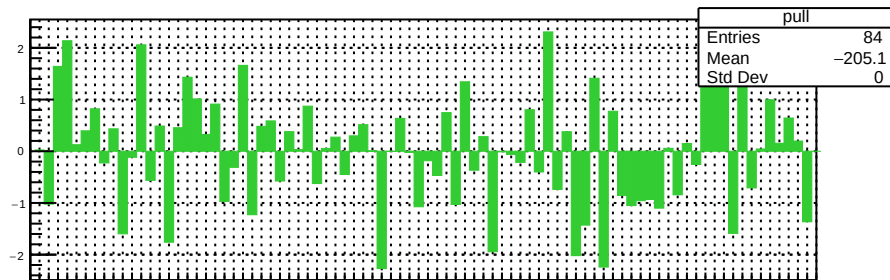
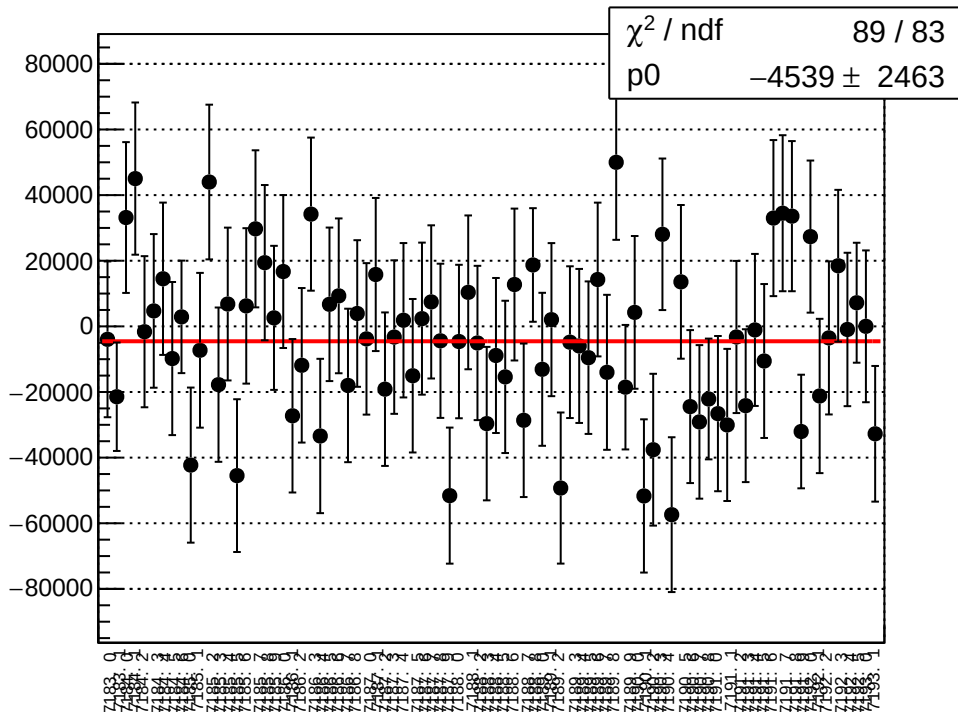
asym_us_avg_at2lr_avg_avg_cor_correction_mean vs run



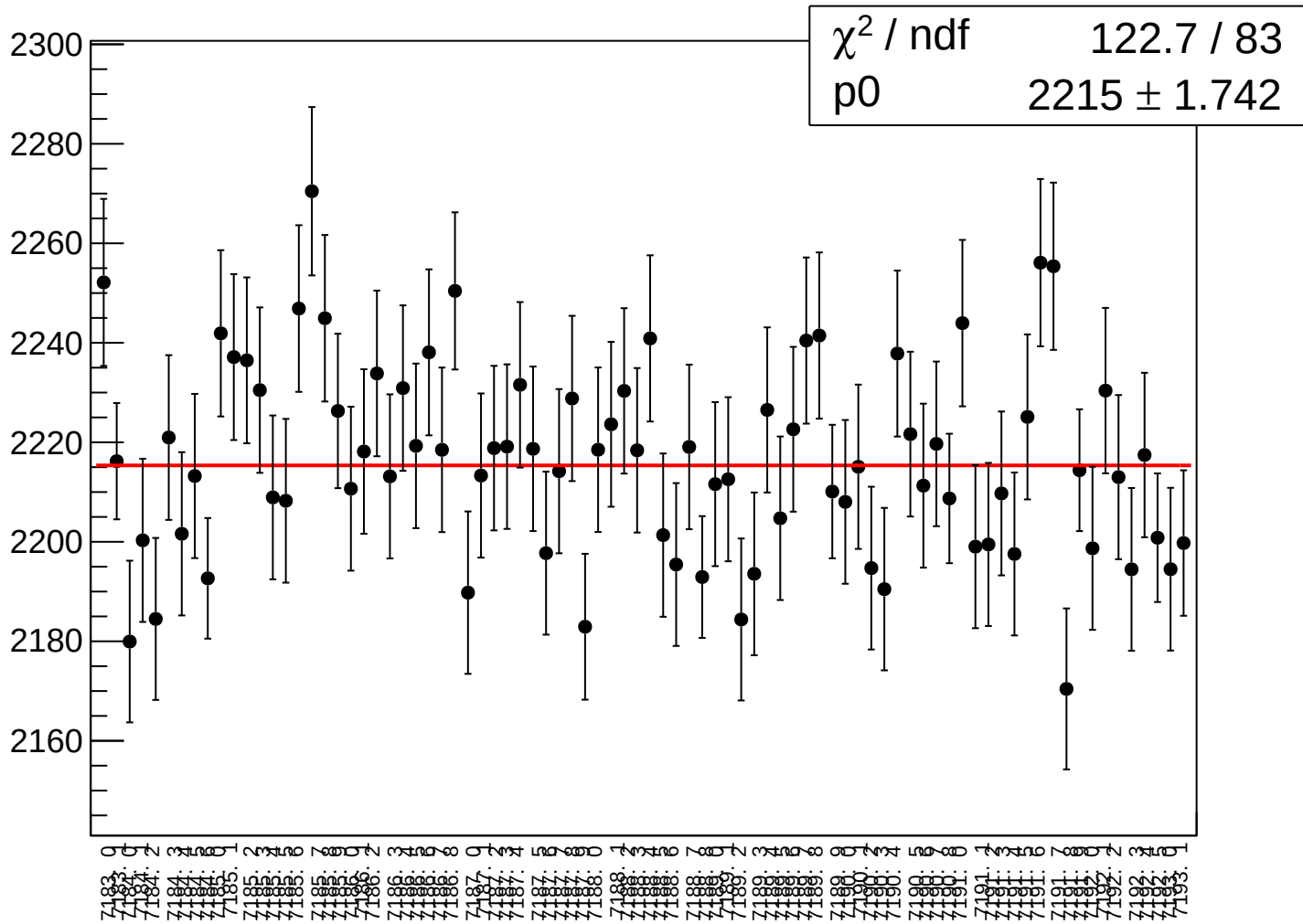
asym_us_avg_at2lr_avg_avg_cor_correction_rms vs run



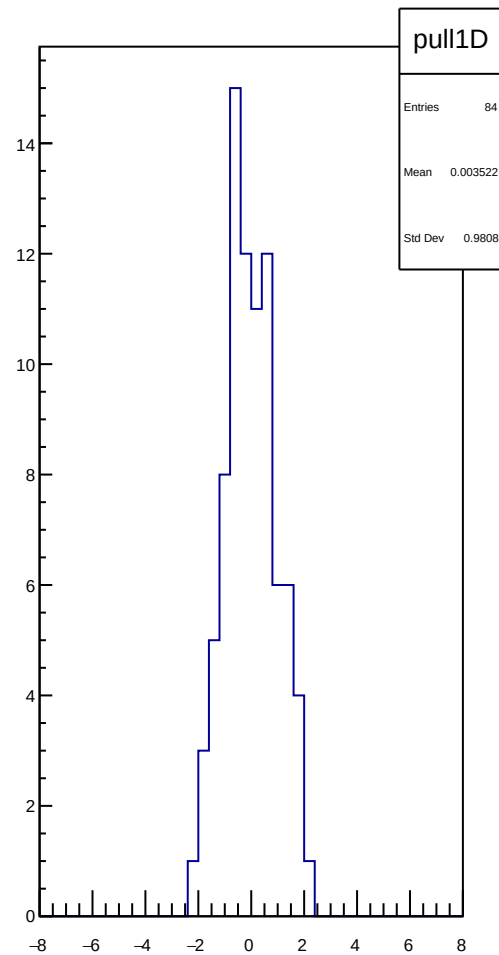
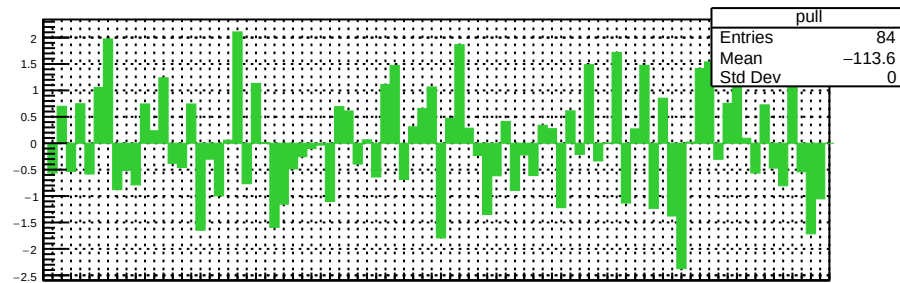
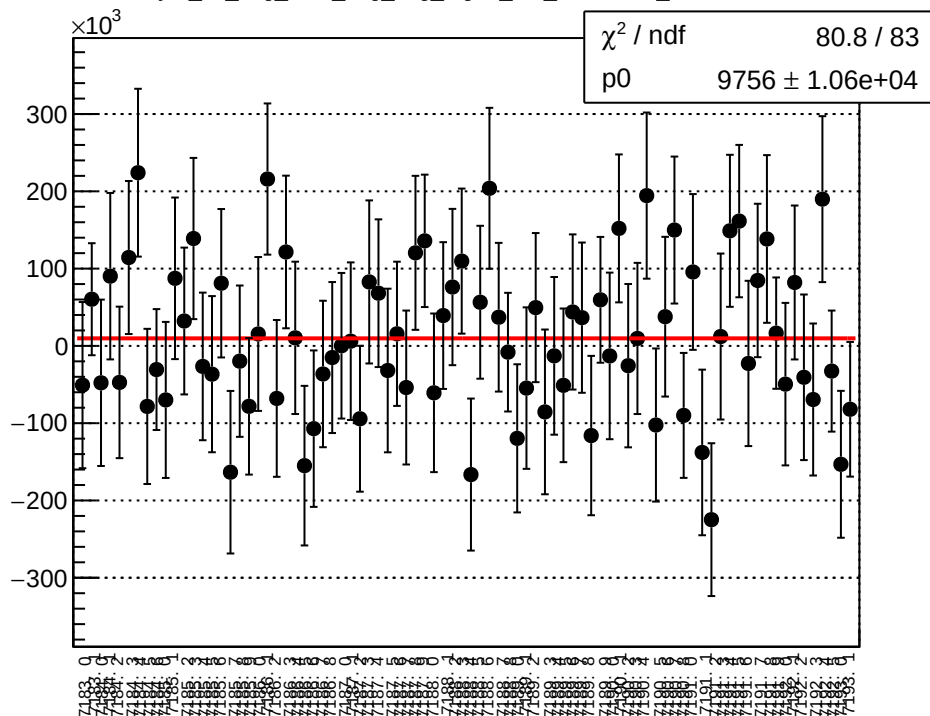
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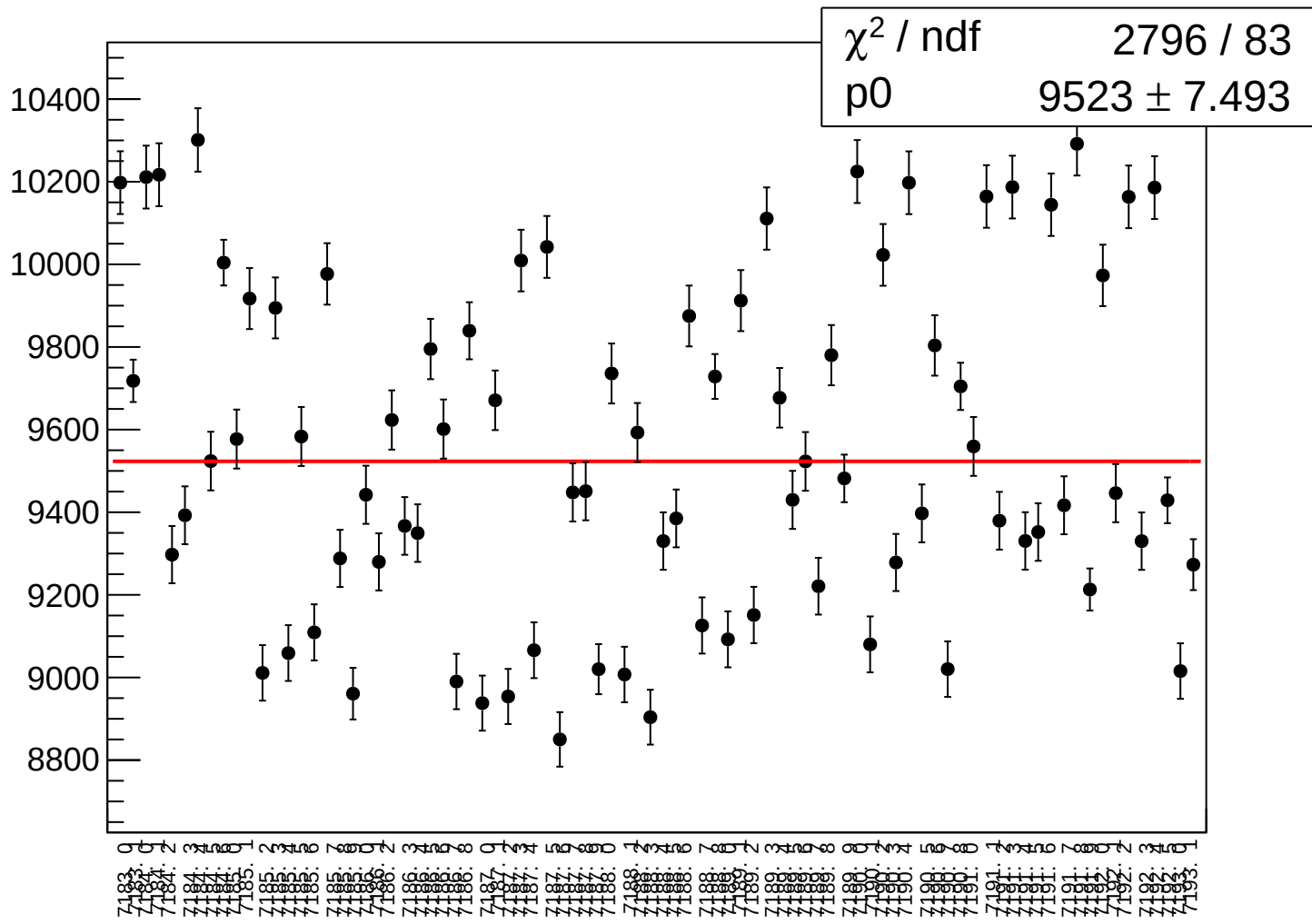
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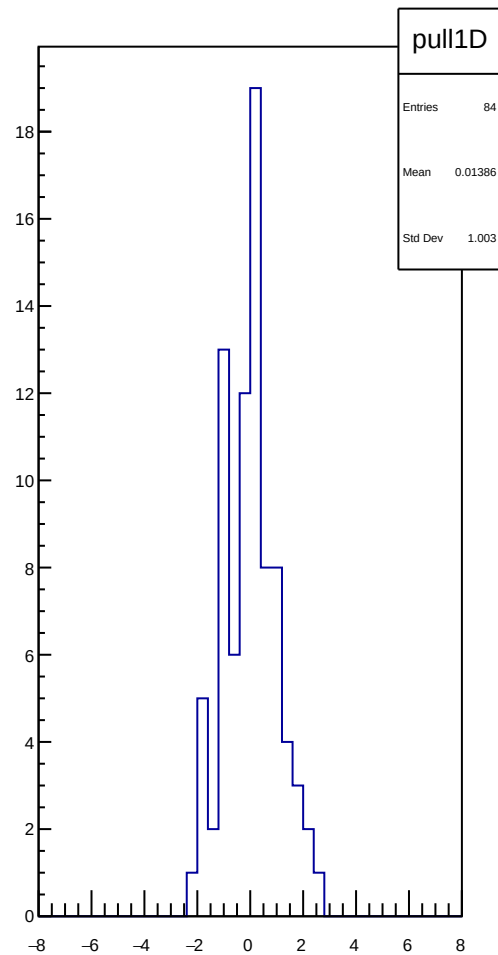
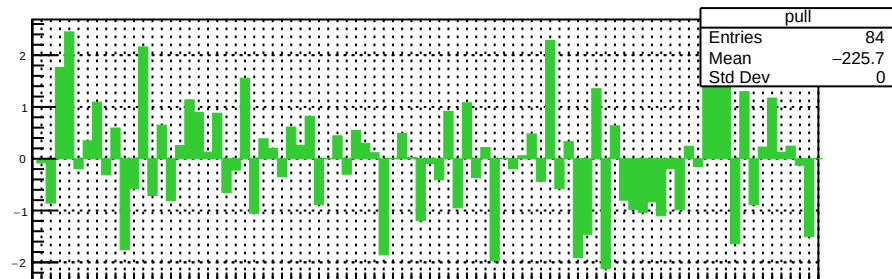
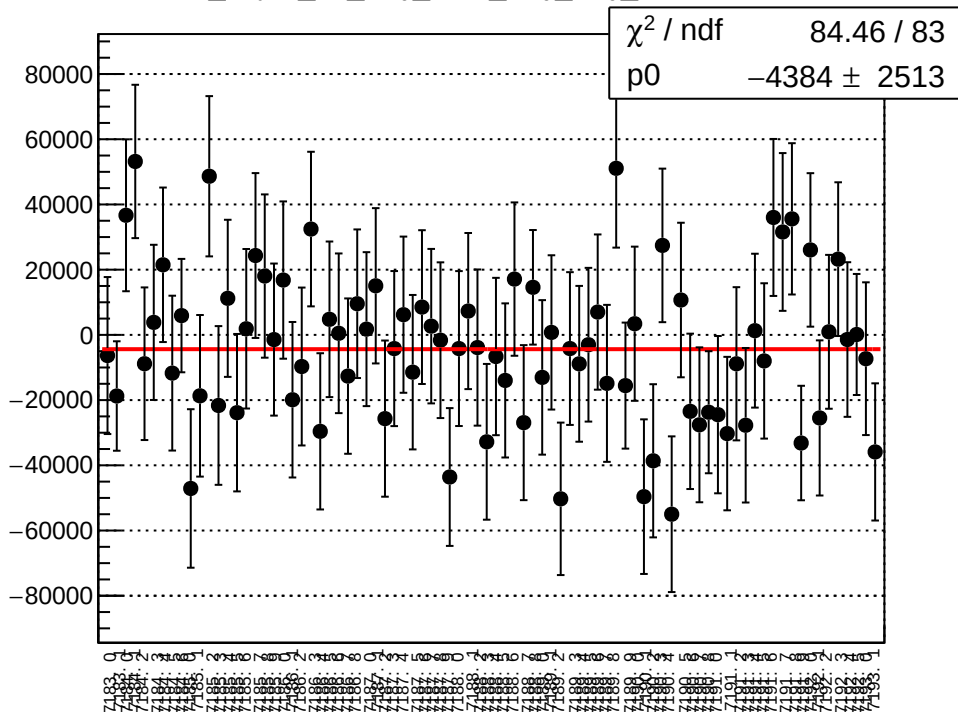
asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs run



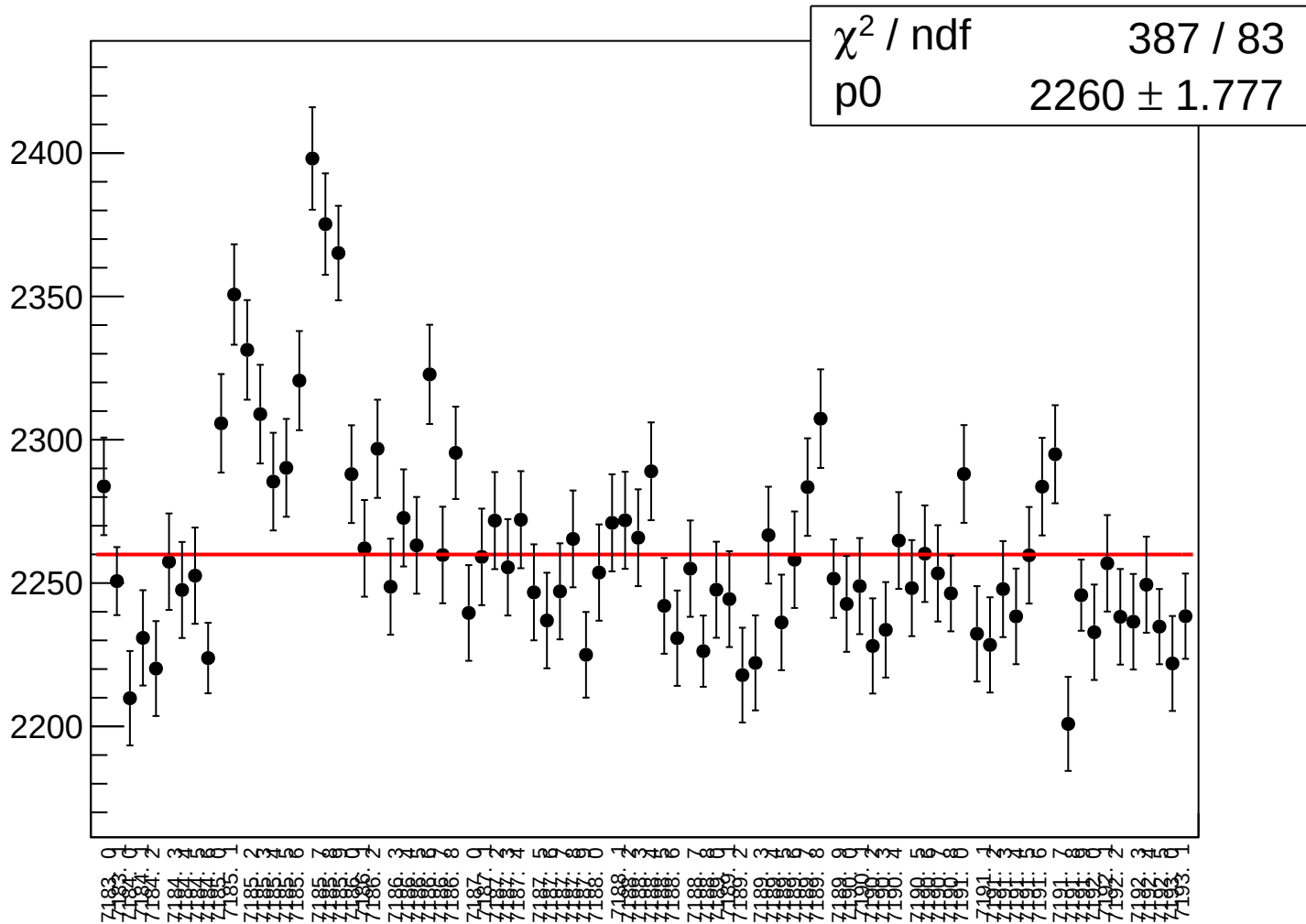
asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs run



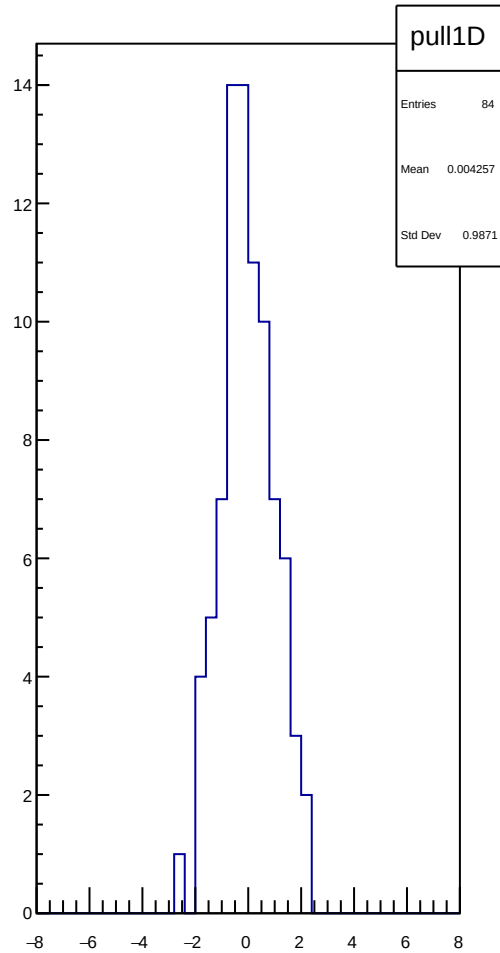
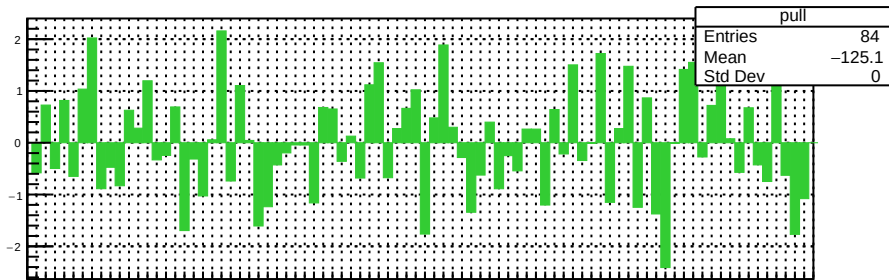
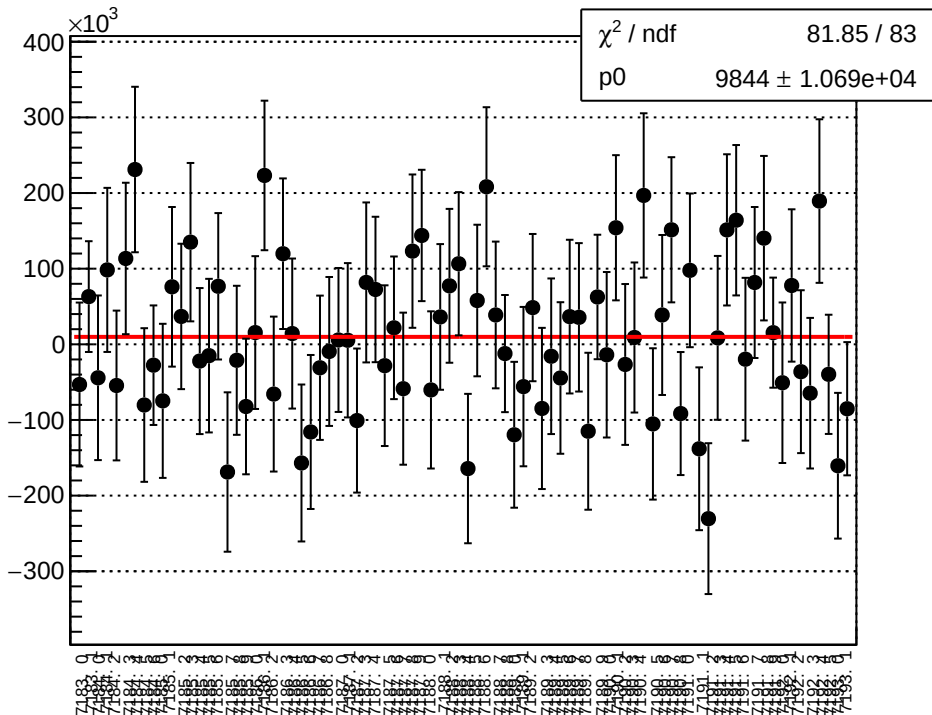
dit_asym_us_avg_at2lr_avg_avg_mean vs run



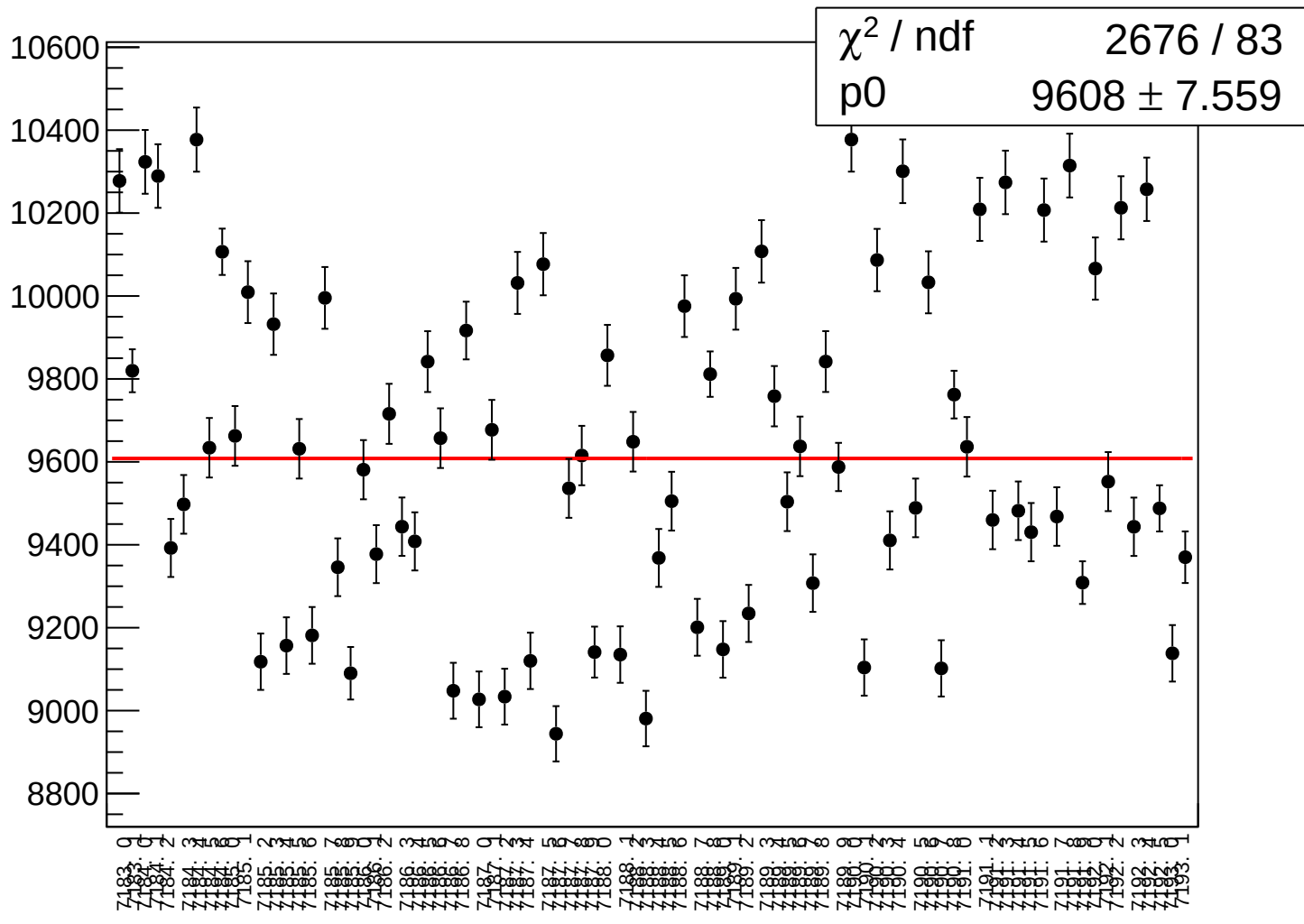
dit_asym_us_avg_at2lr_avg_avg_rms vs run



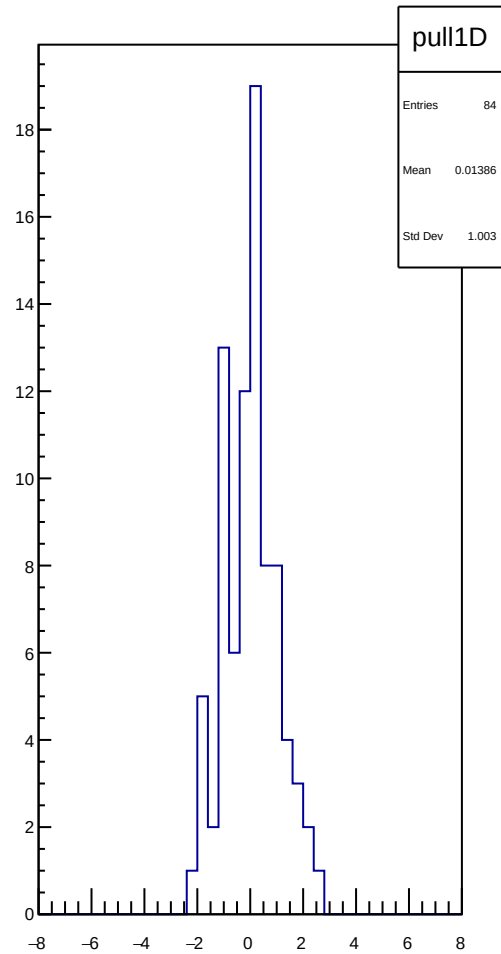
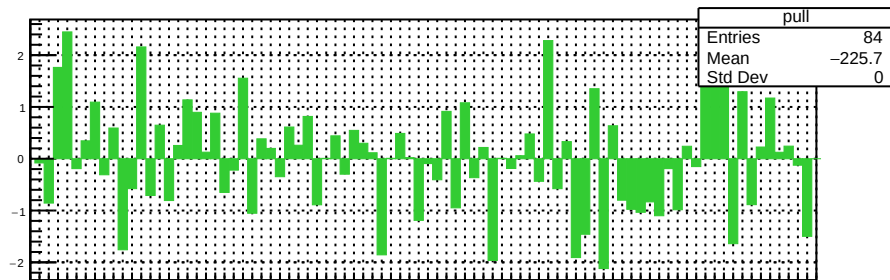
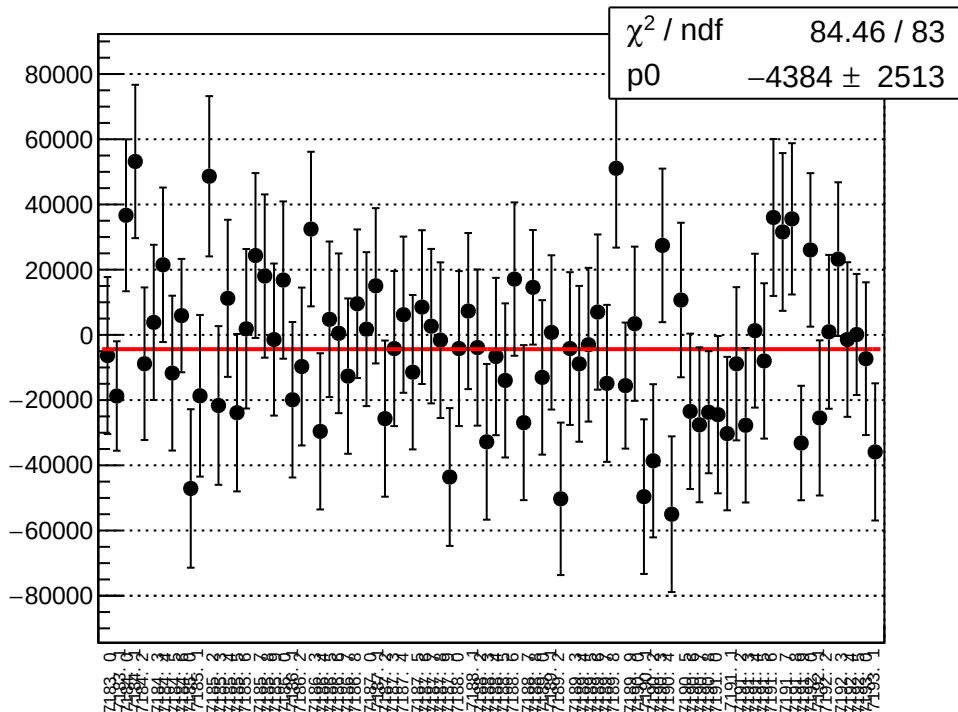
asym us avg at2lr avg avg dit correction mean vs run



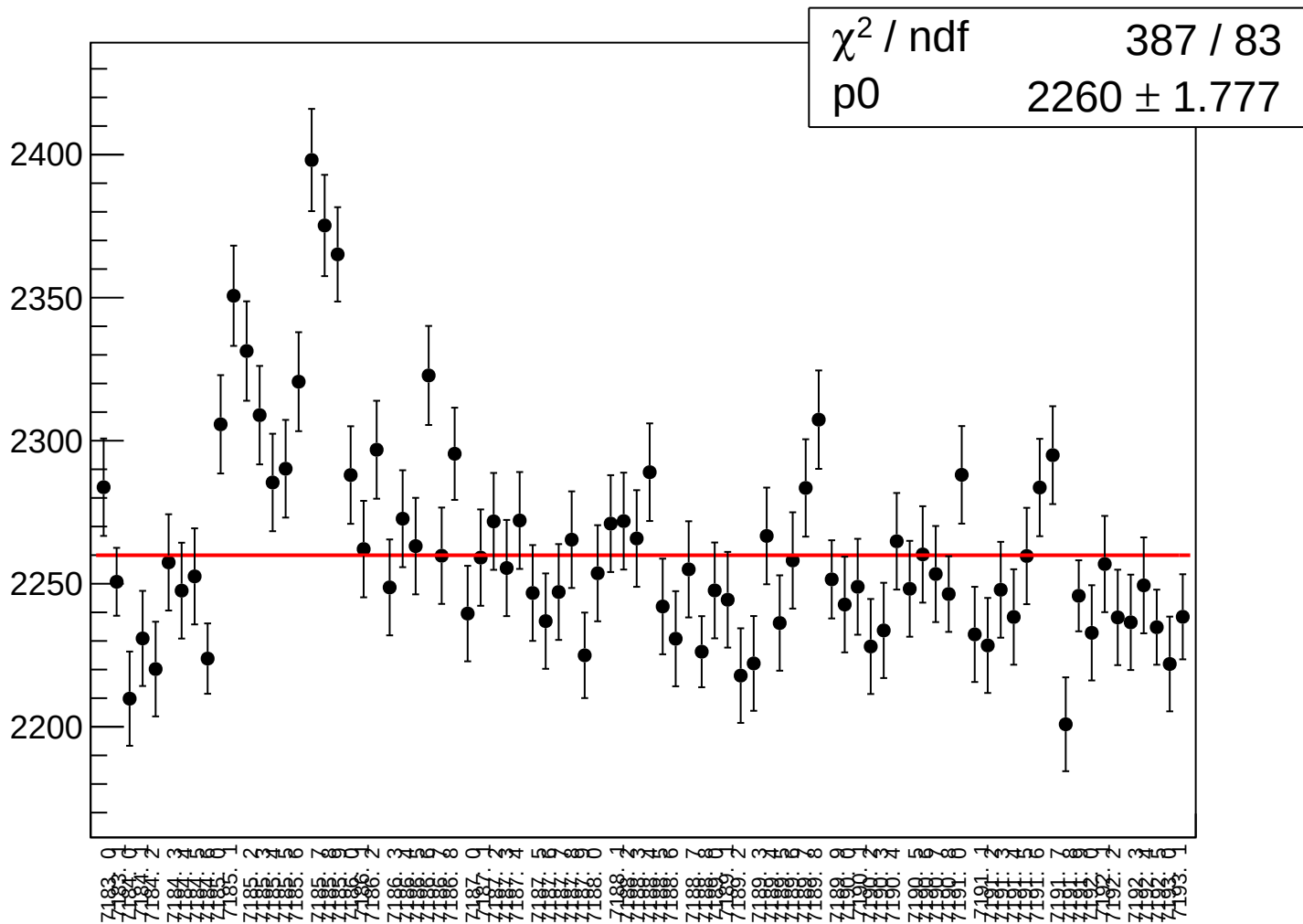
asym_us_avg_at2lr_avg_avg_dit_correction_rms vs run



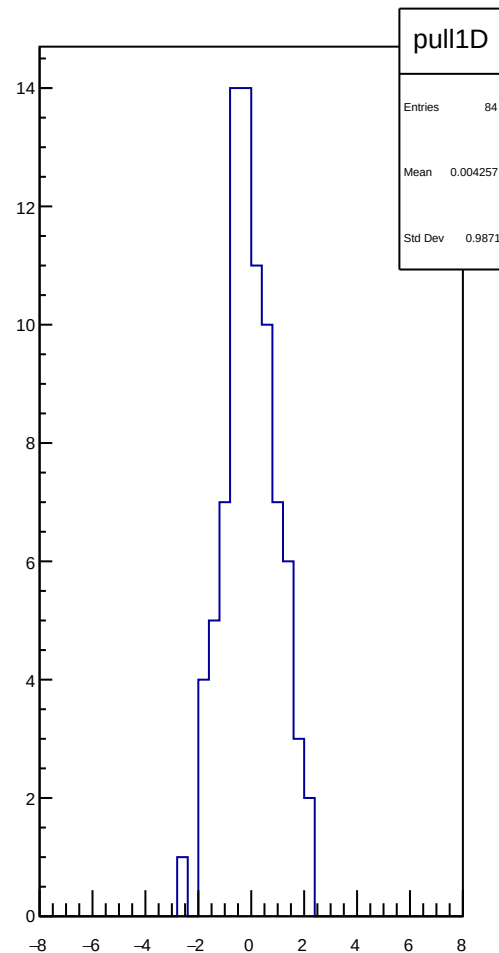
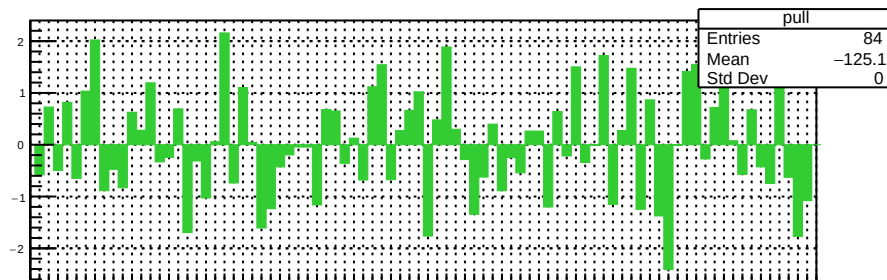
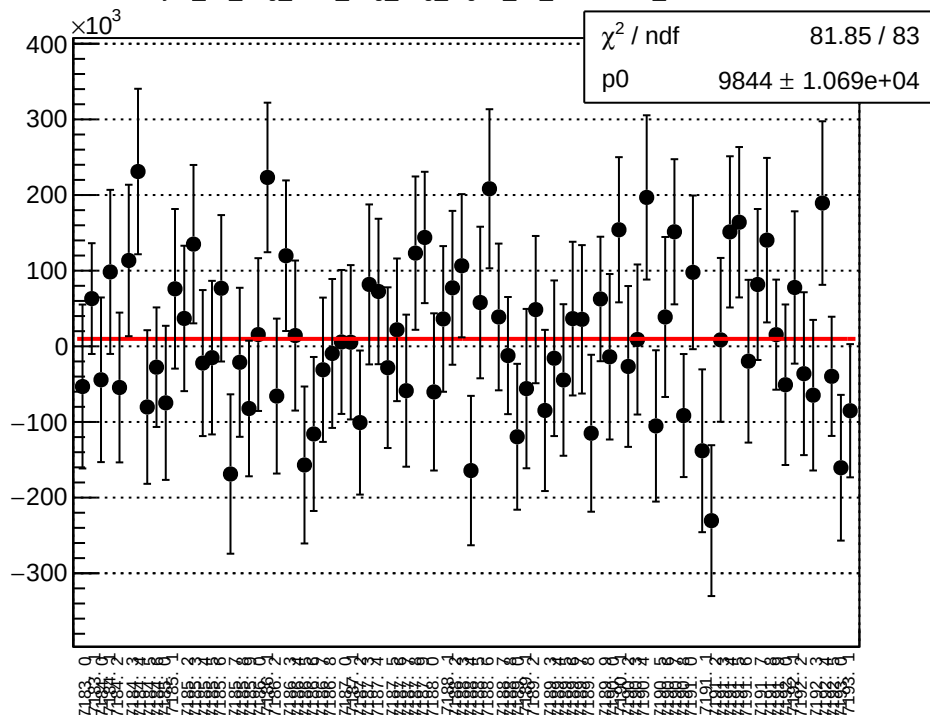
eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs run



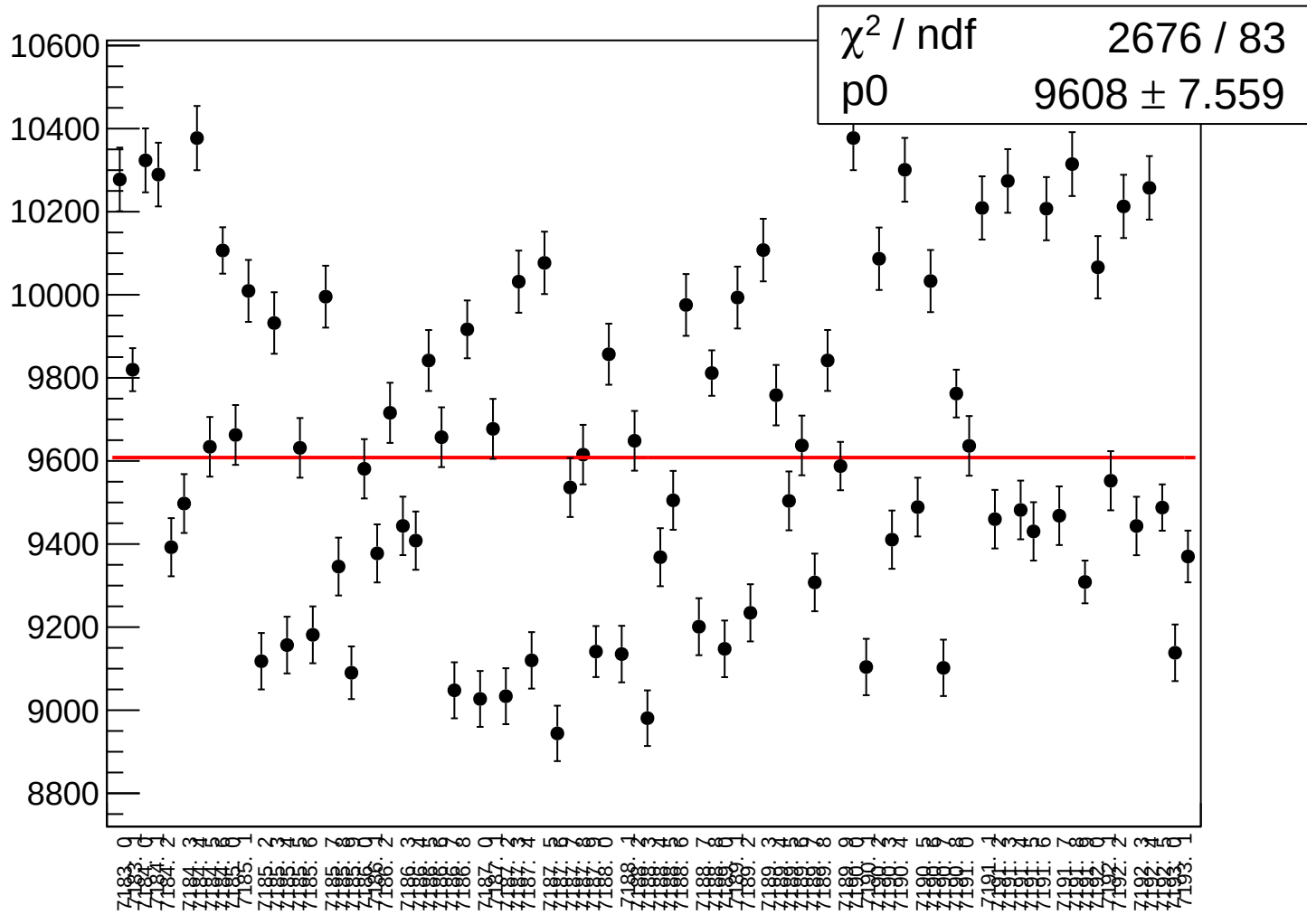
eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs run



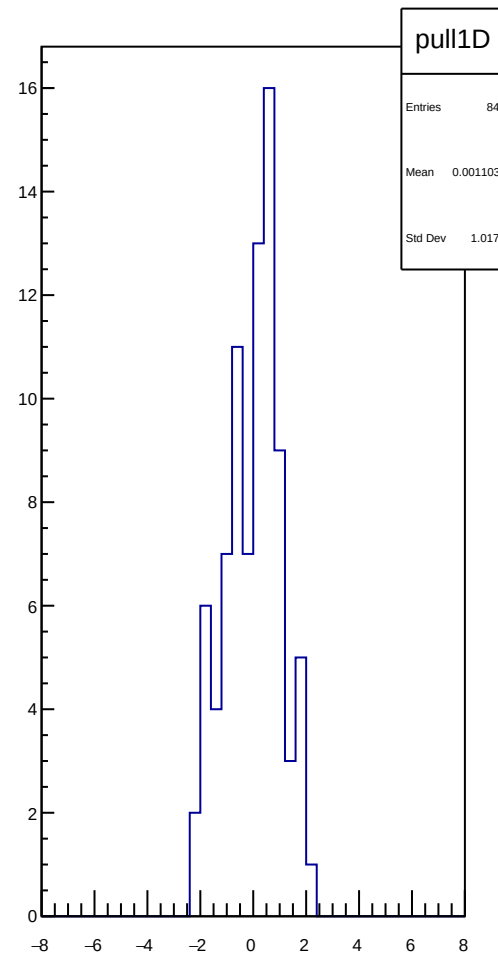
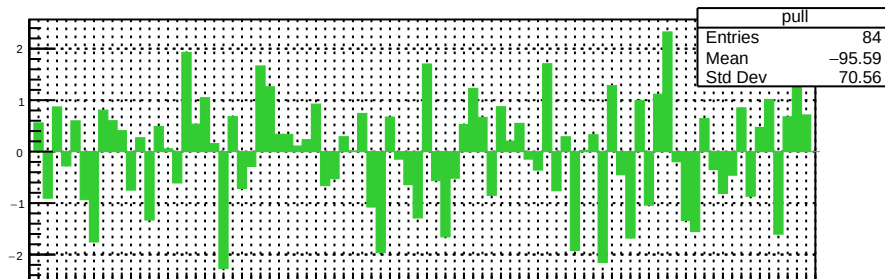
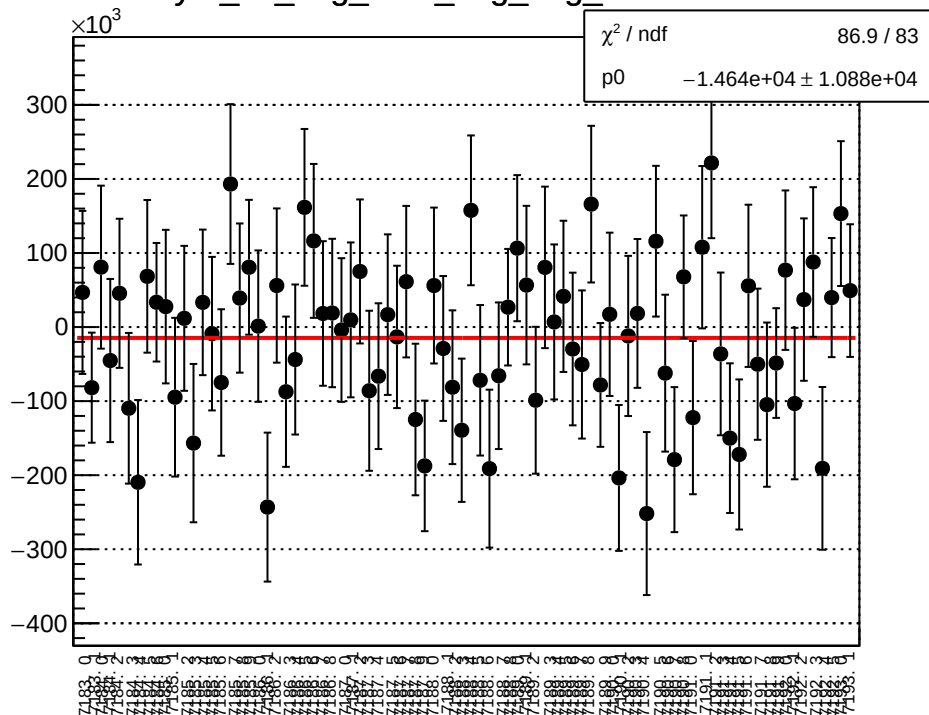
asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs run



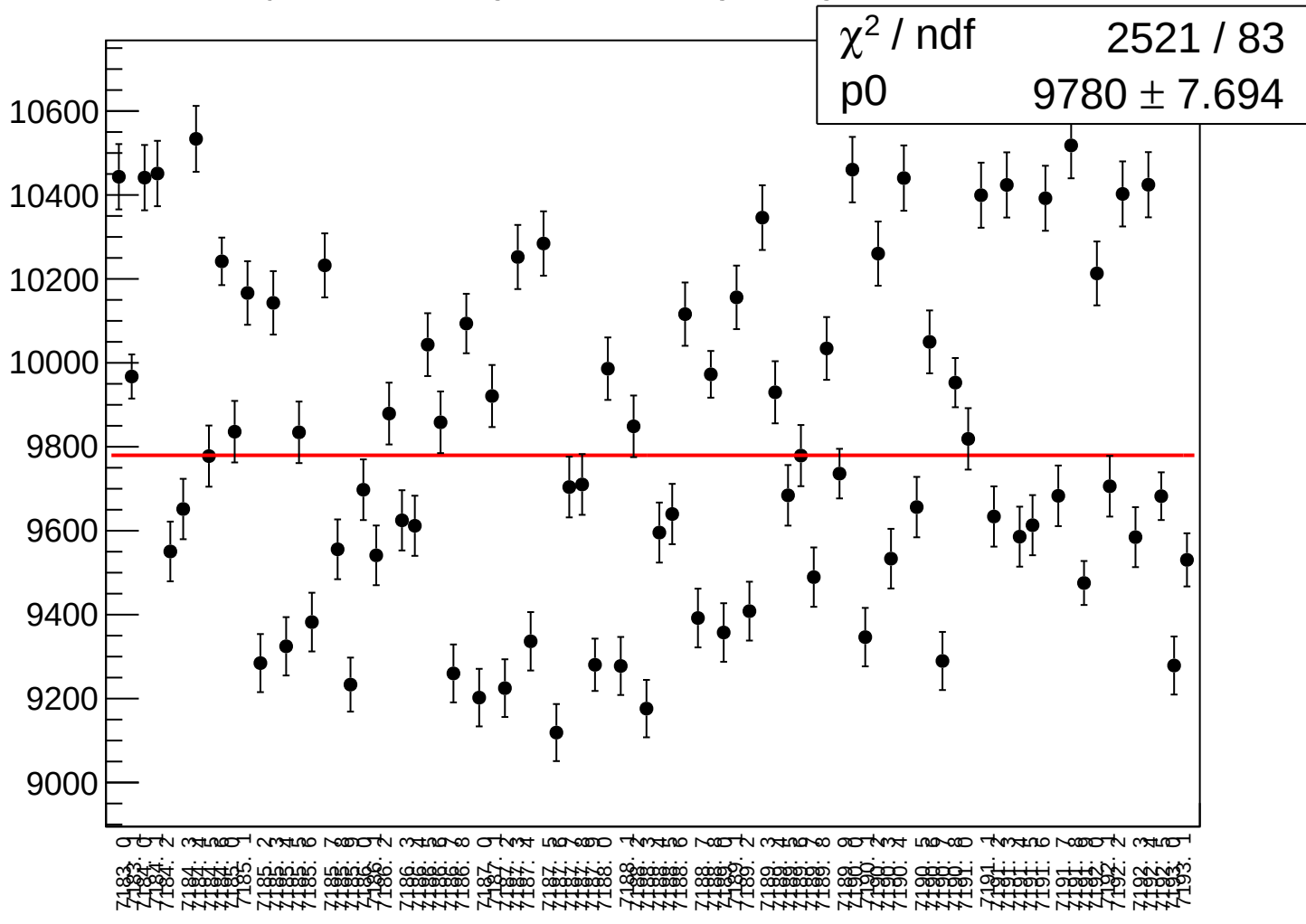
asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs run

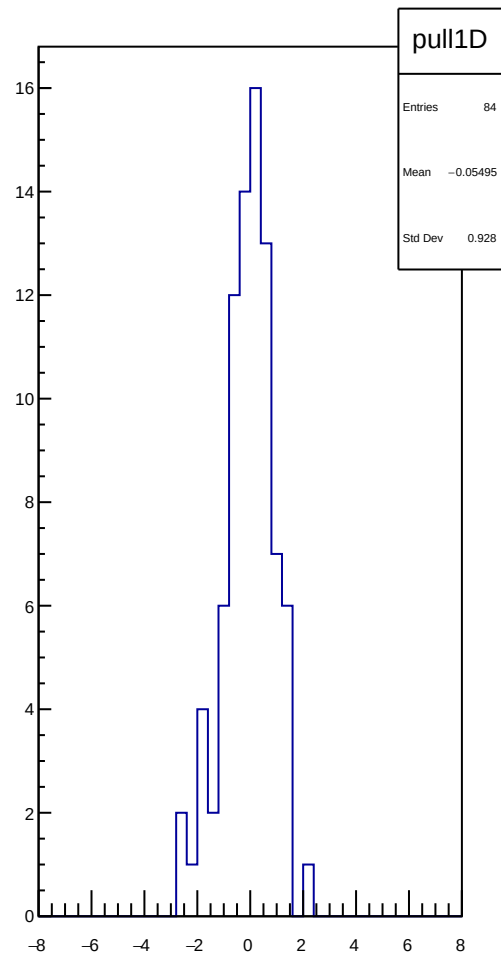
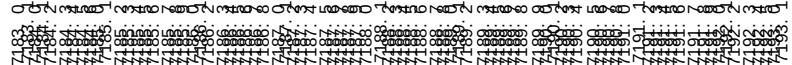
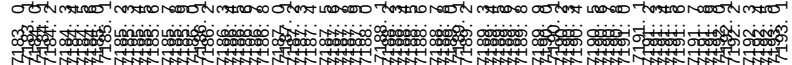


asym_us_avg_at2lr_avg_avg_mean vs run

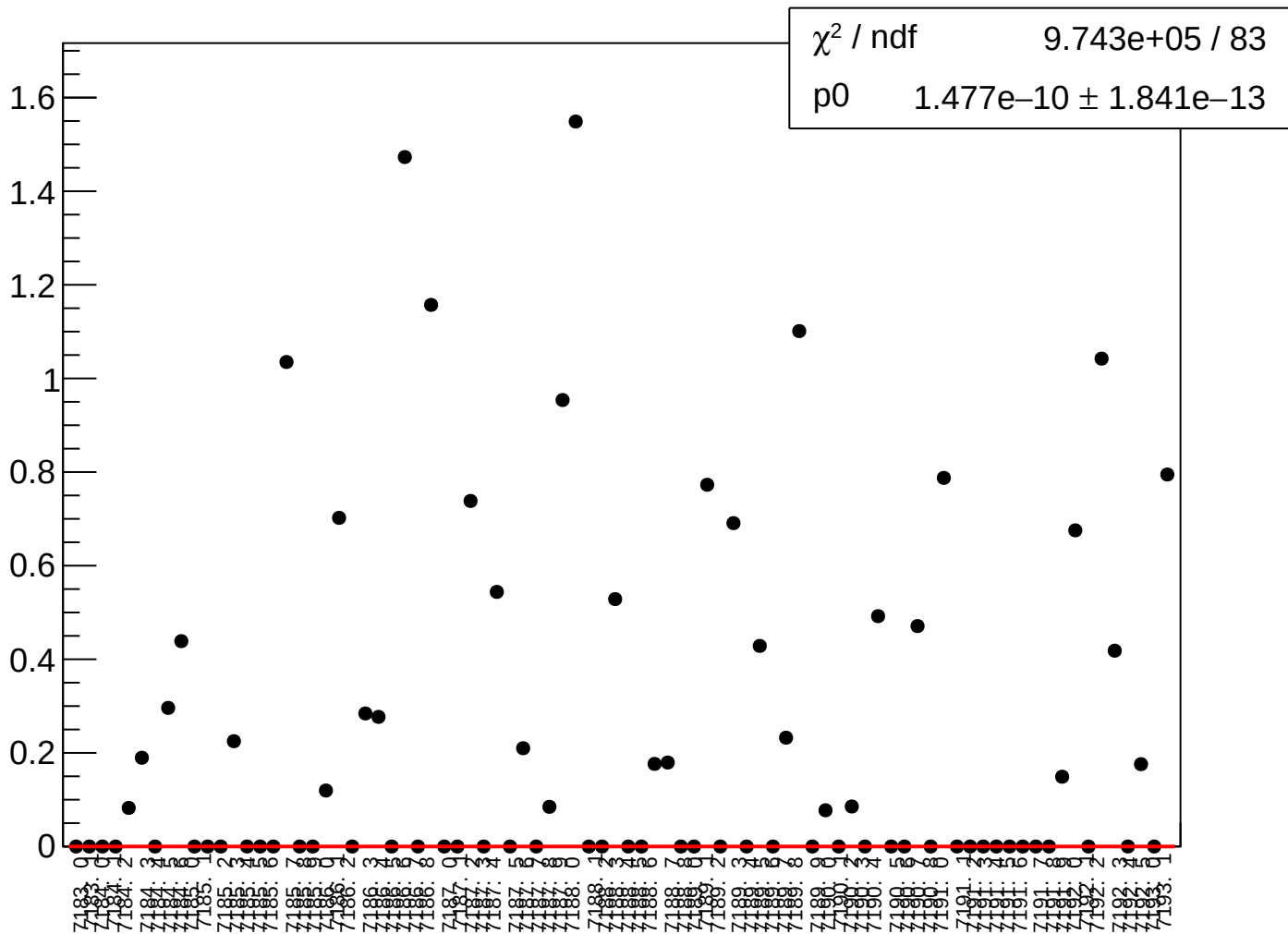


asym_us_avg_at2lr_avg_avg_rms vs run

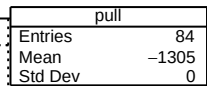
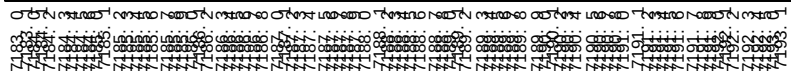


[illegible]

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs run



82.53 / 83

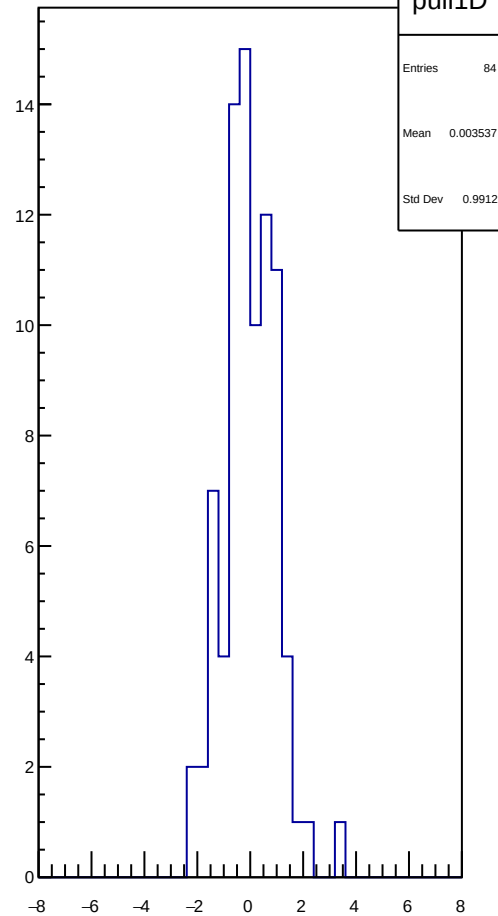
 0.2563 ± 0.466 

pull

Entries

Mean

Std Dev



pull1D

Entries

8.

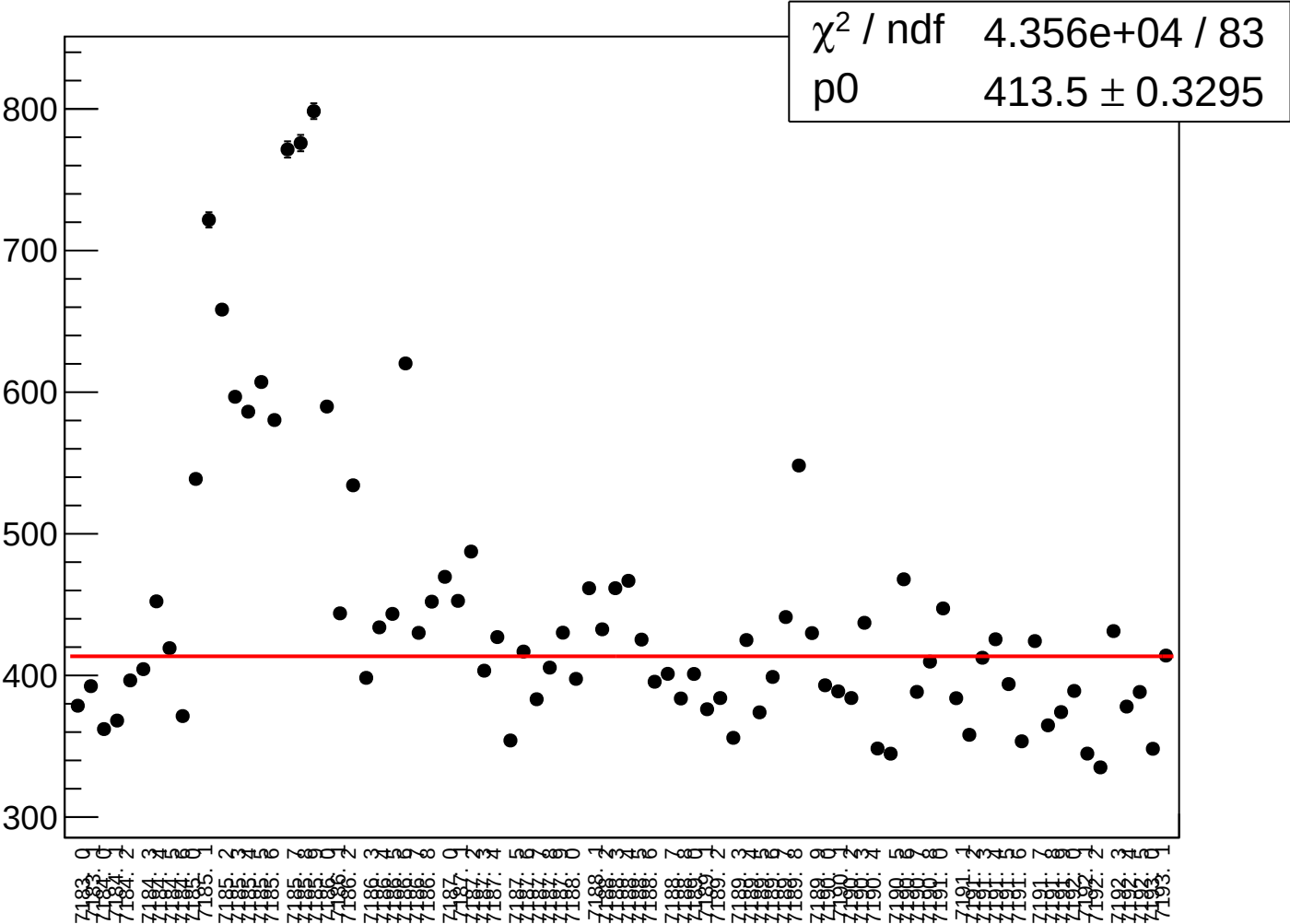
Mean

0.00353'

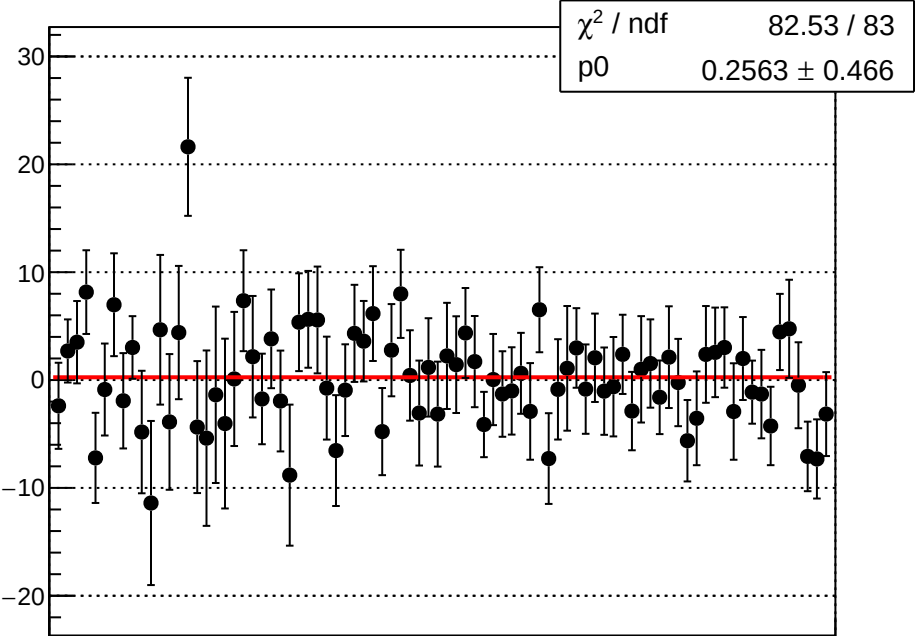
Std Dev

0.991

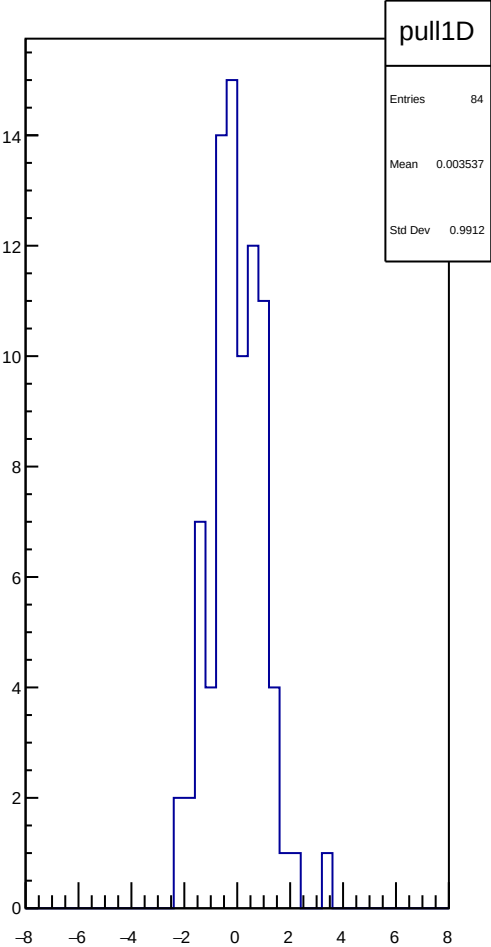
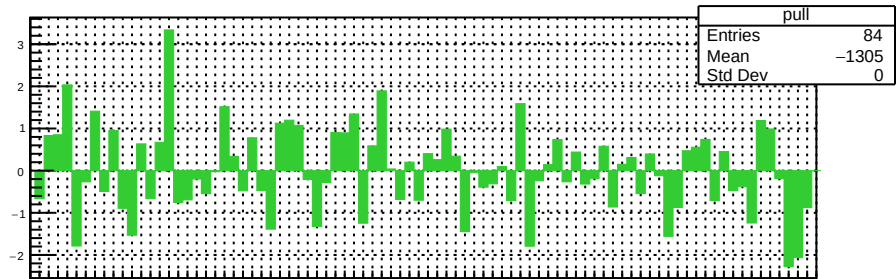
asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs run



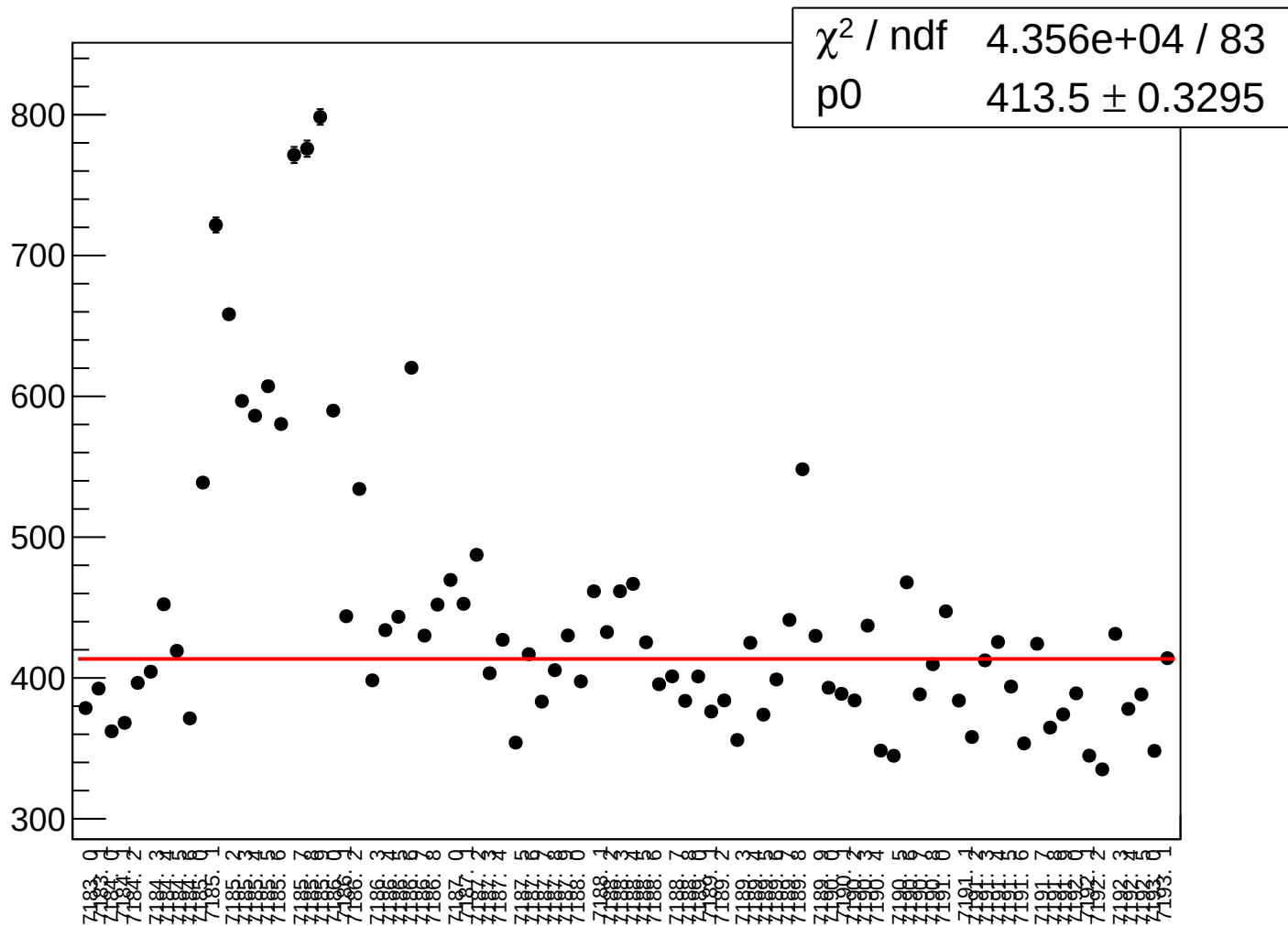
asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs run

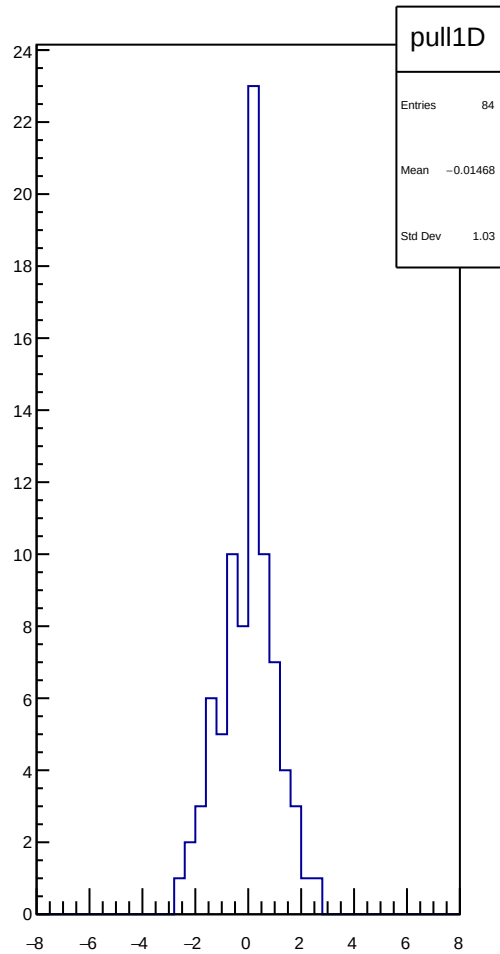


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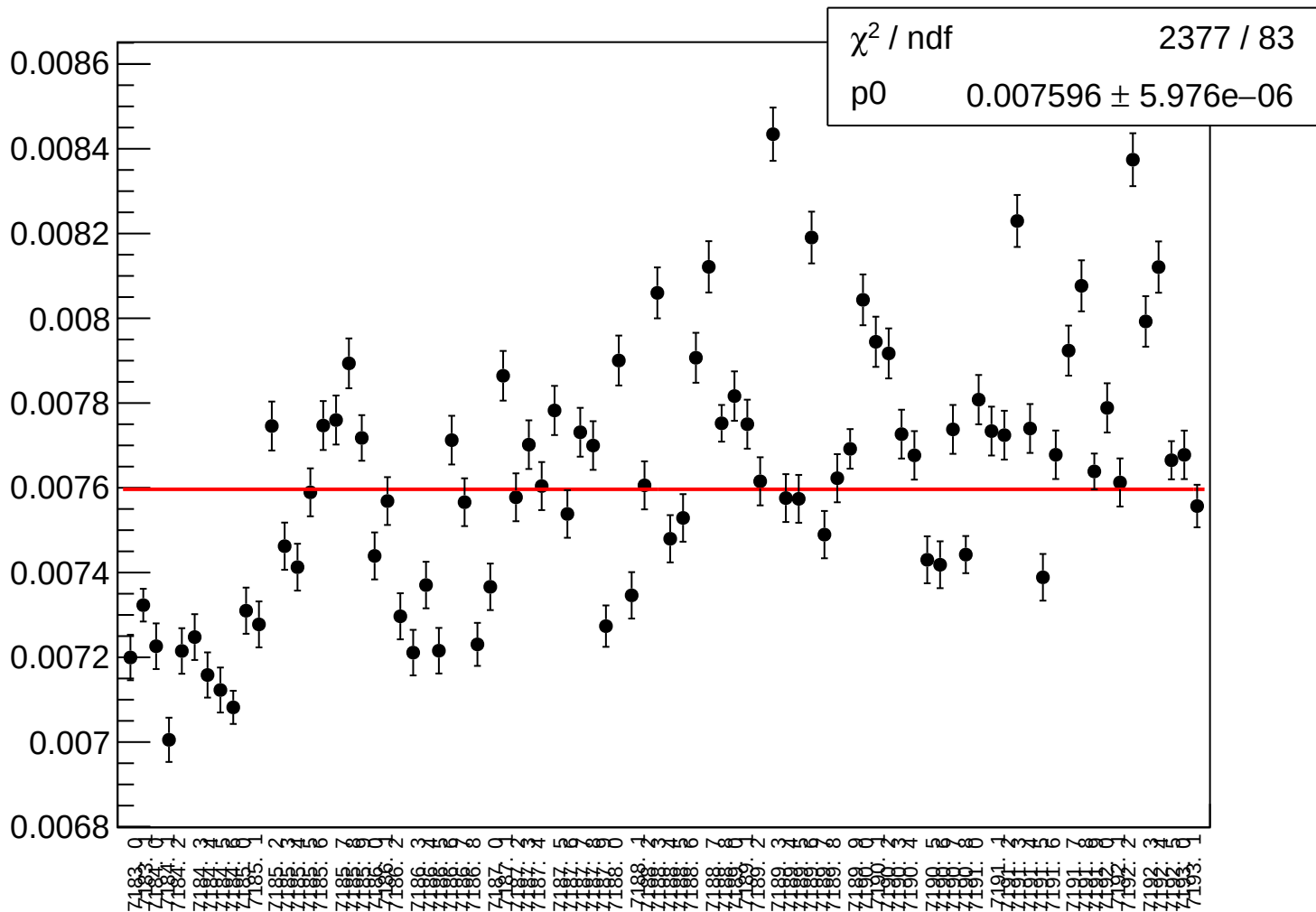


asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs run

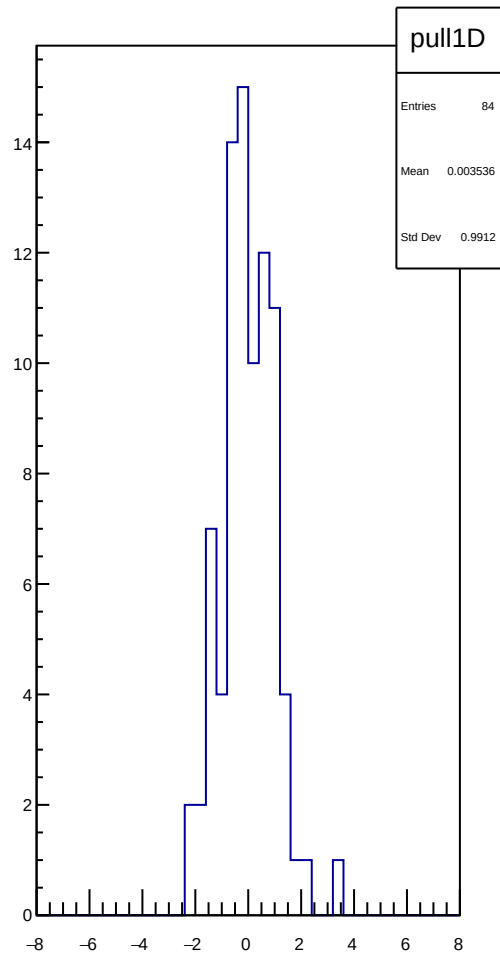
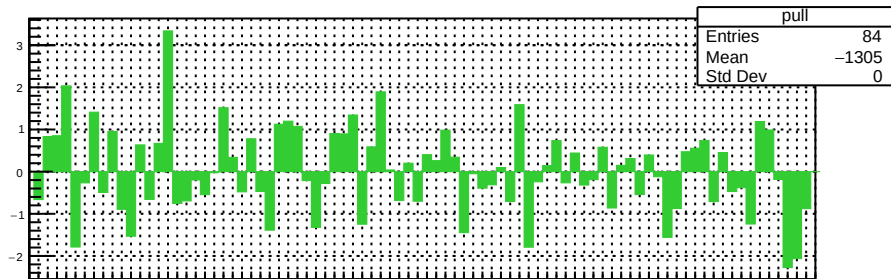
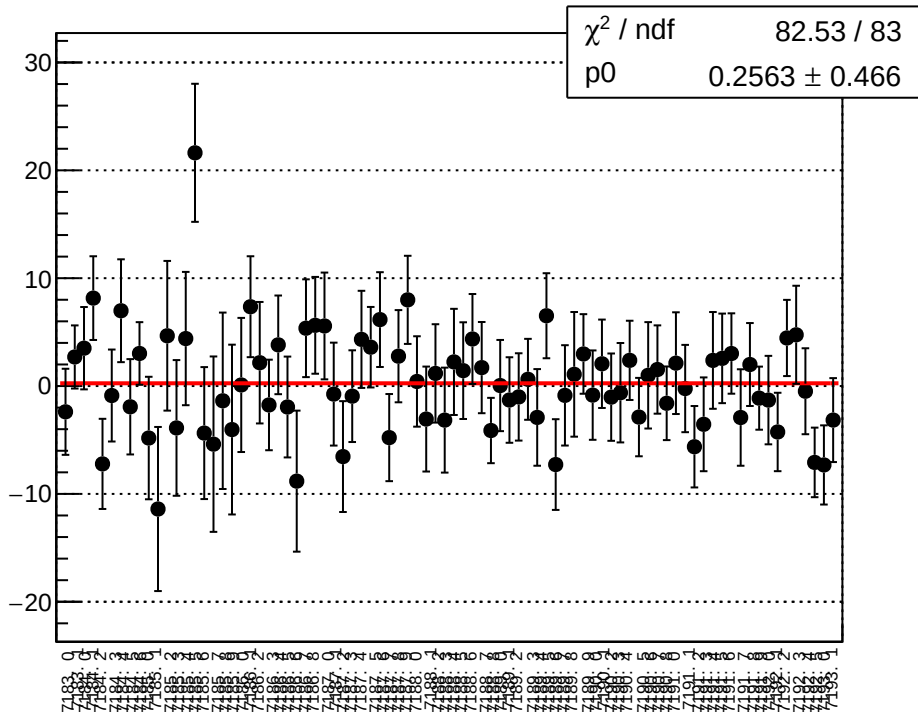




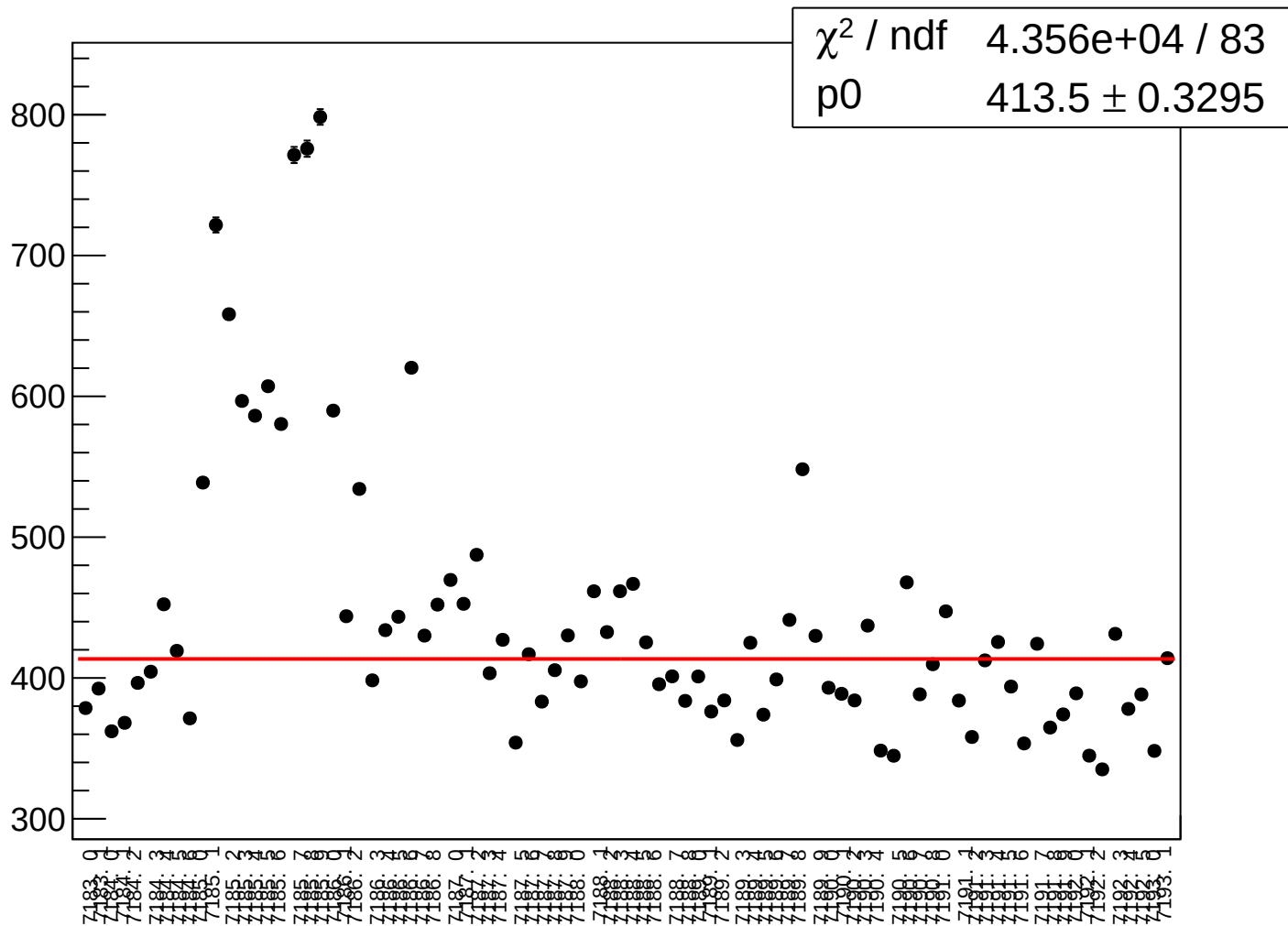
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs run



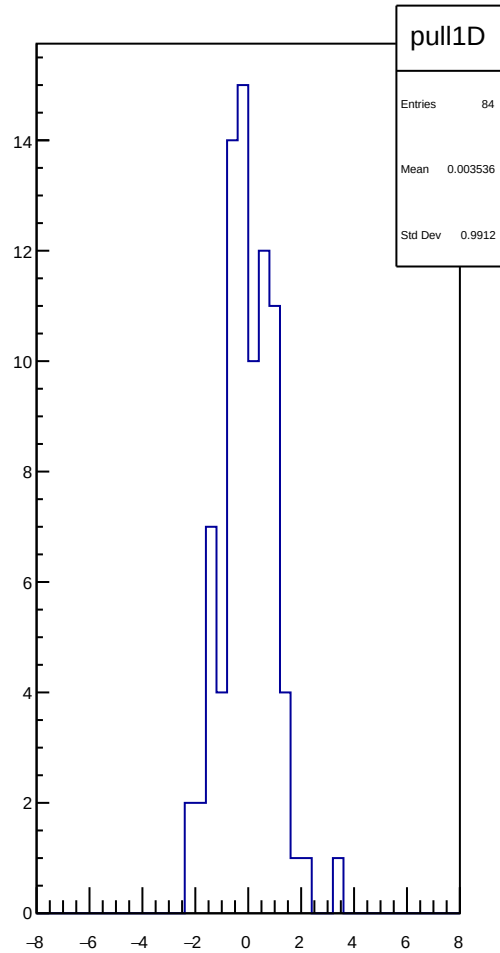
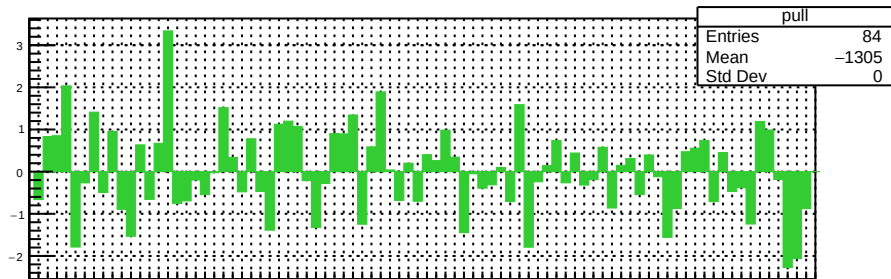
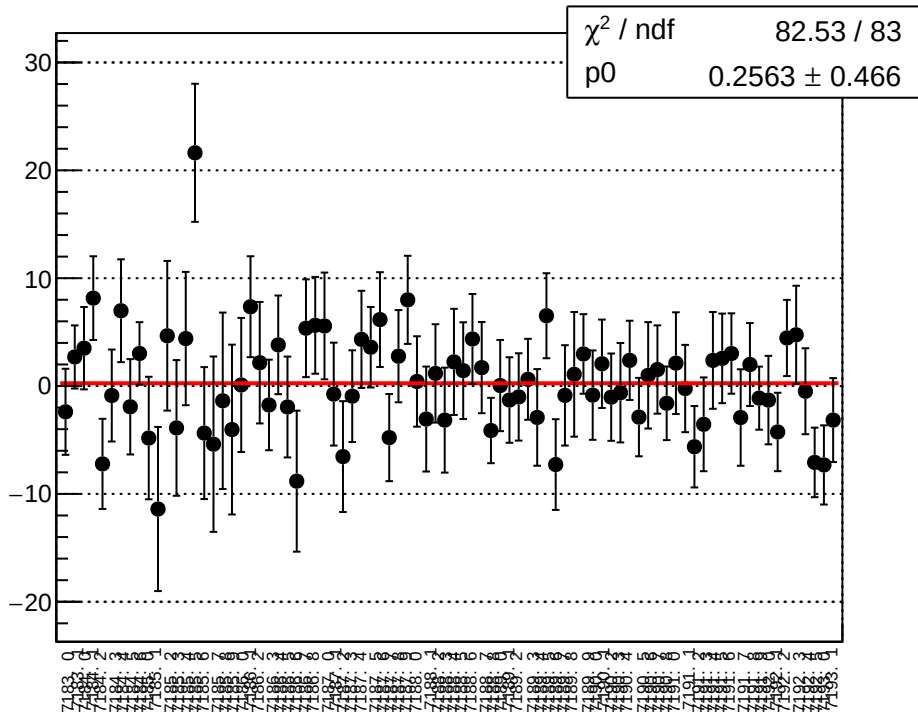
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs run



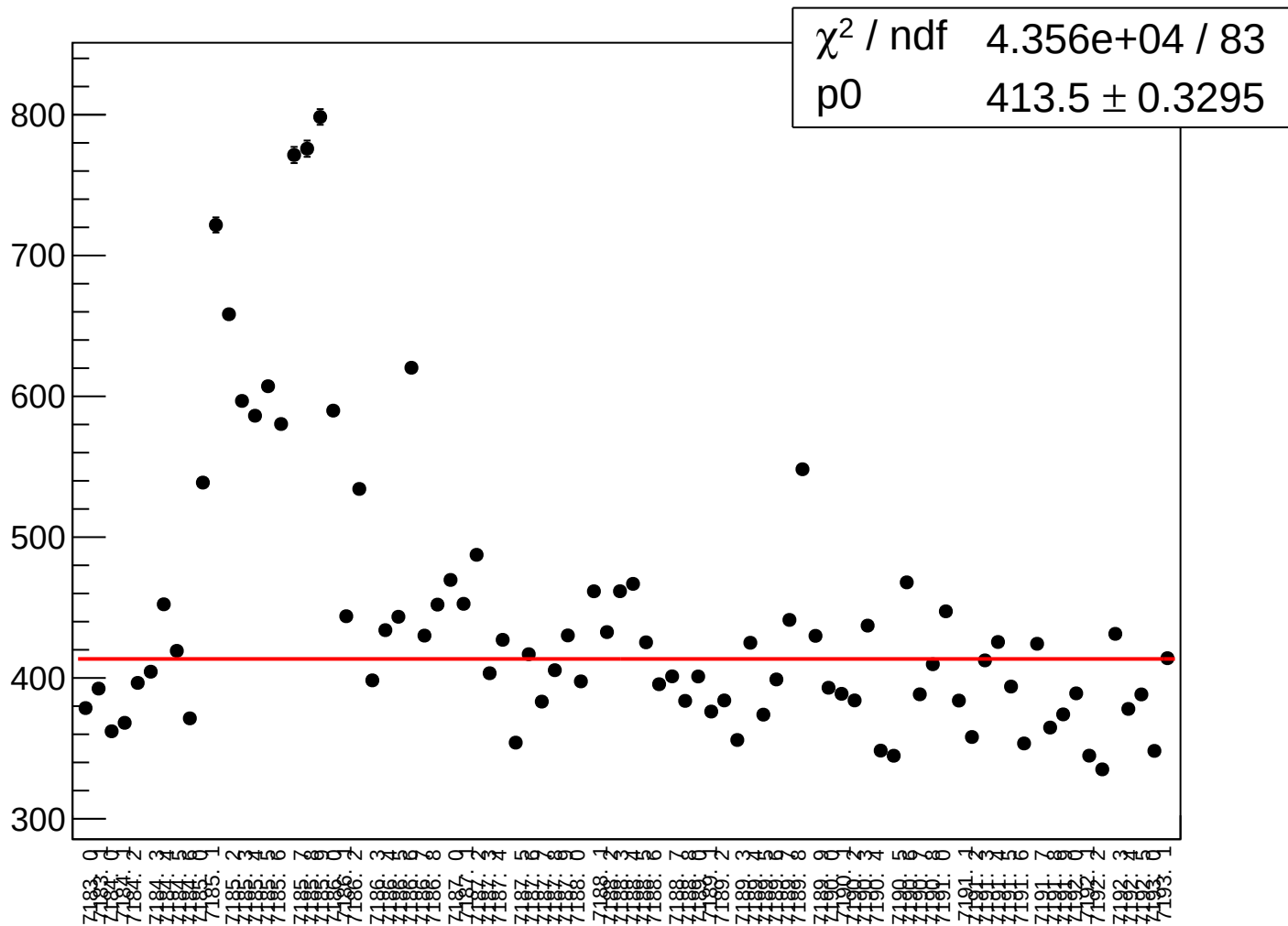
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs run



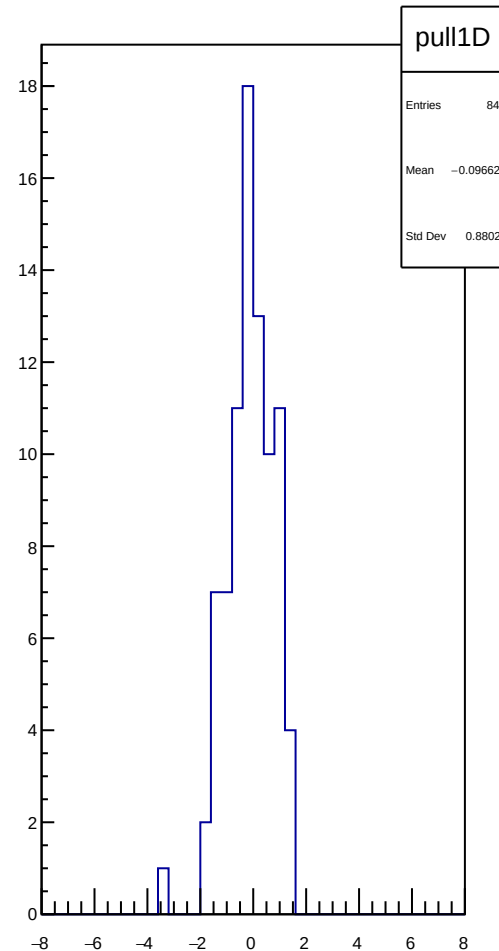
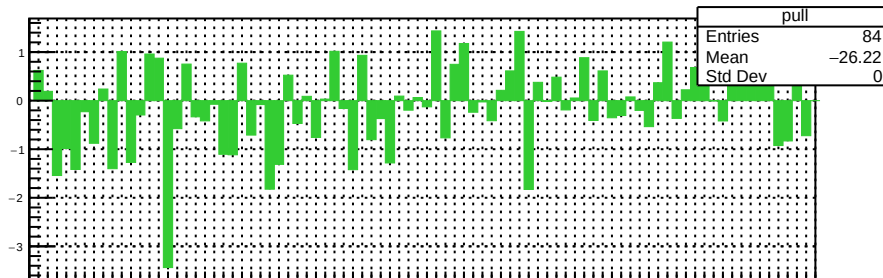
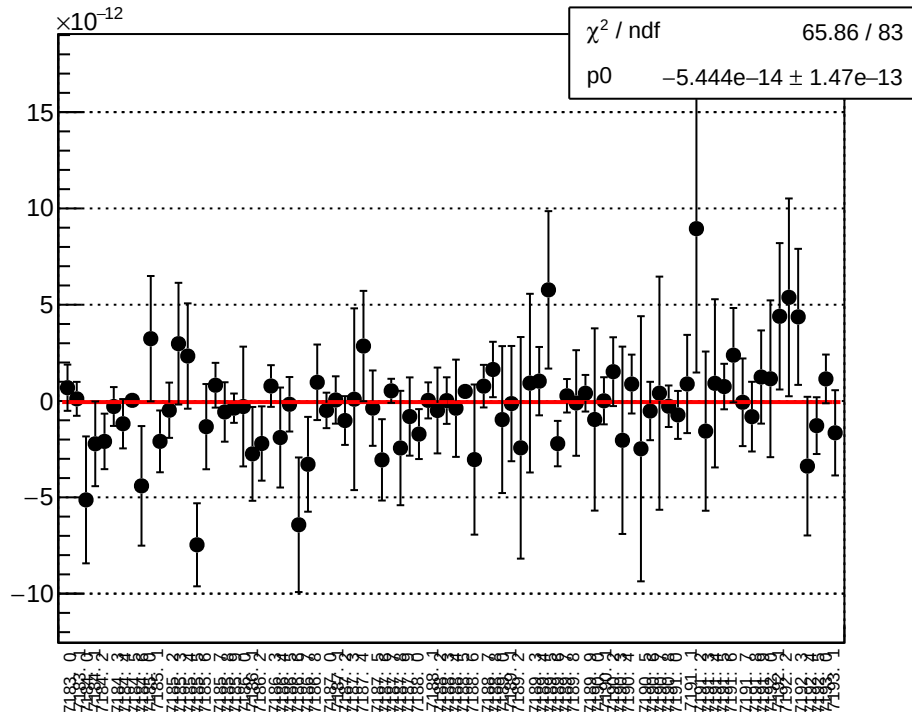
asym us avg at2lr avg avg eigen dit vs eigen cor diff mean vs run



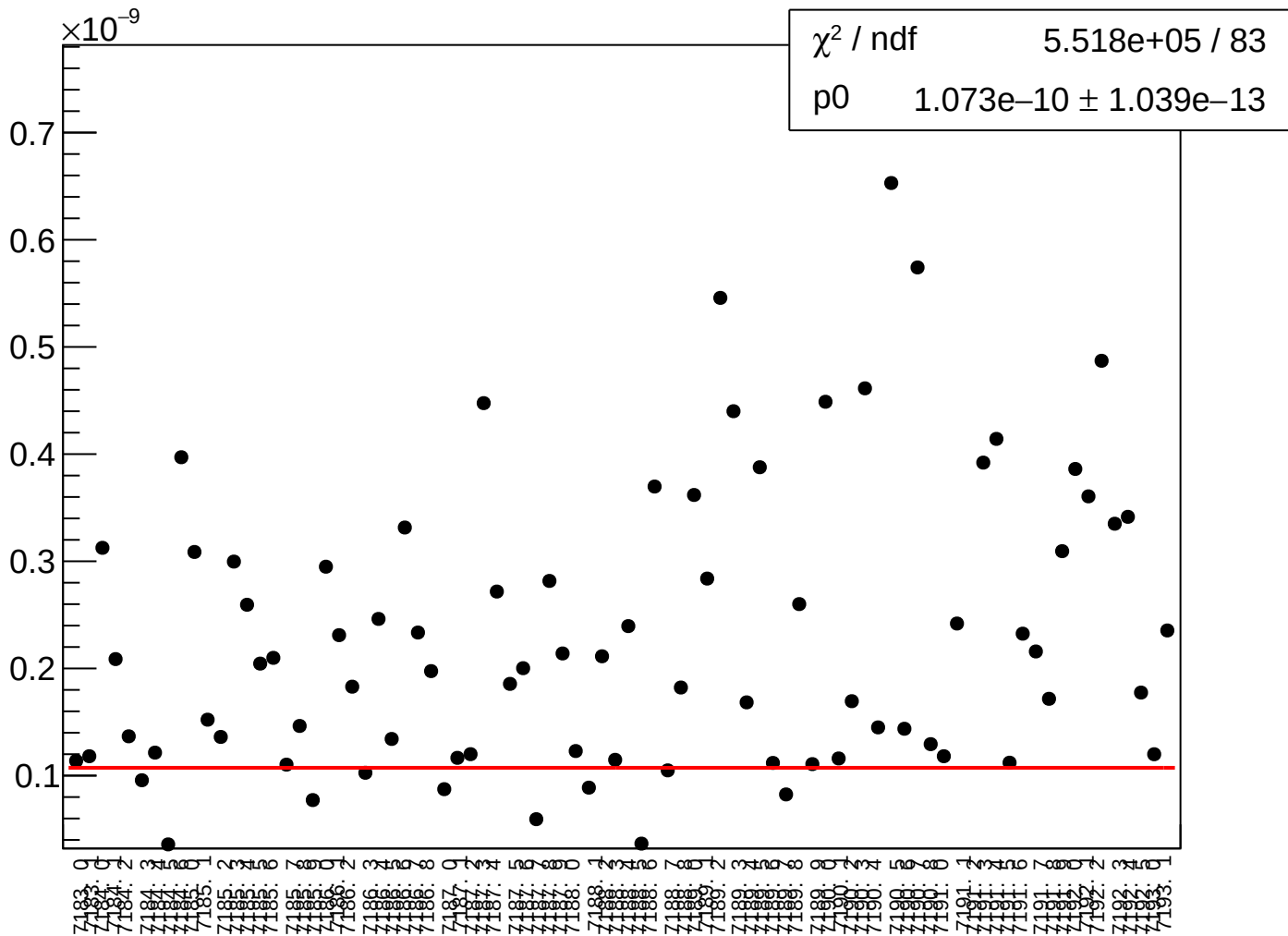
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



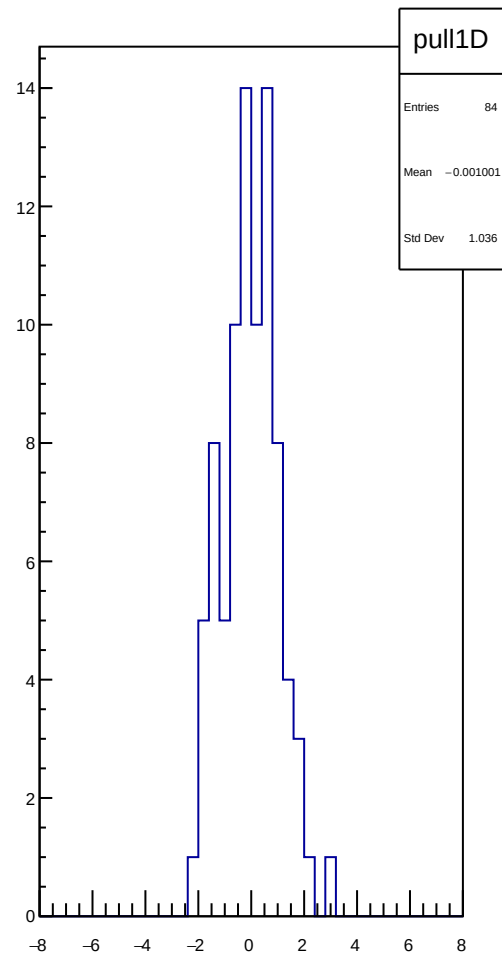
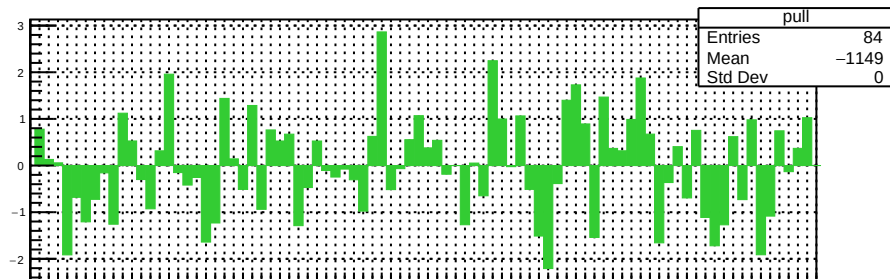
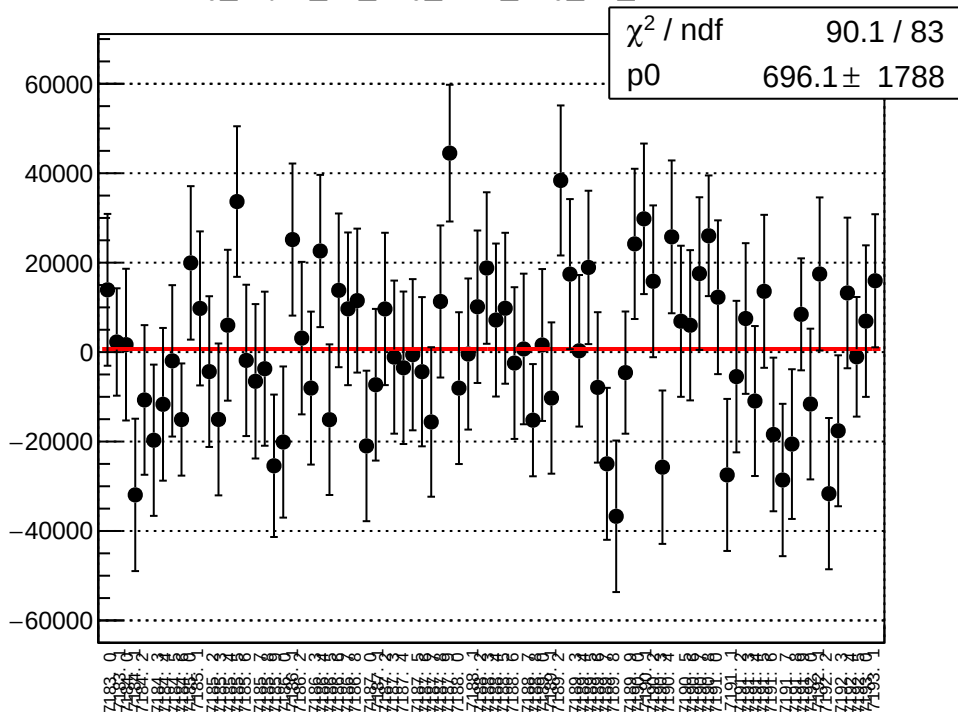
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs run



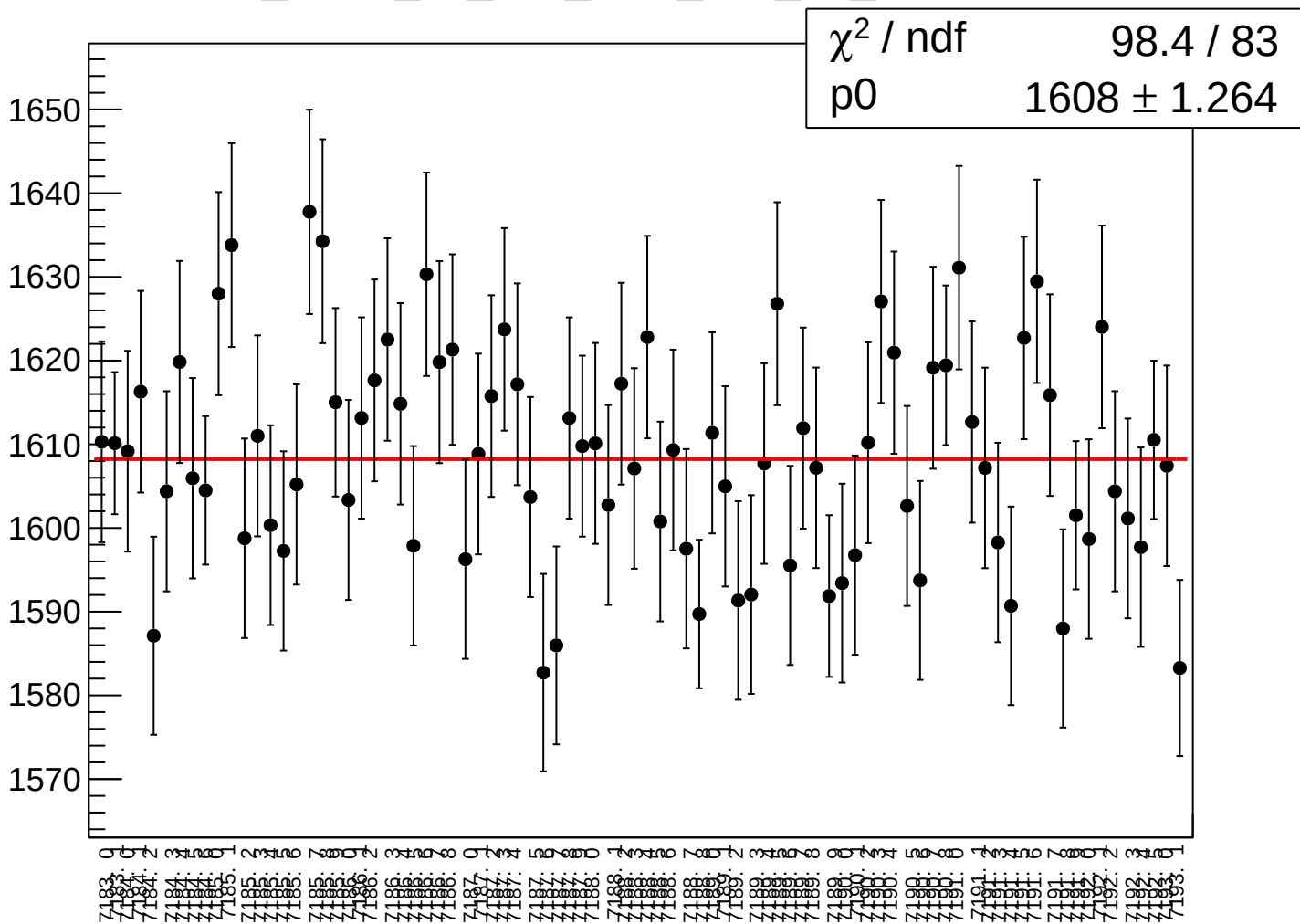
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs run



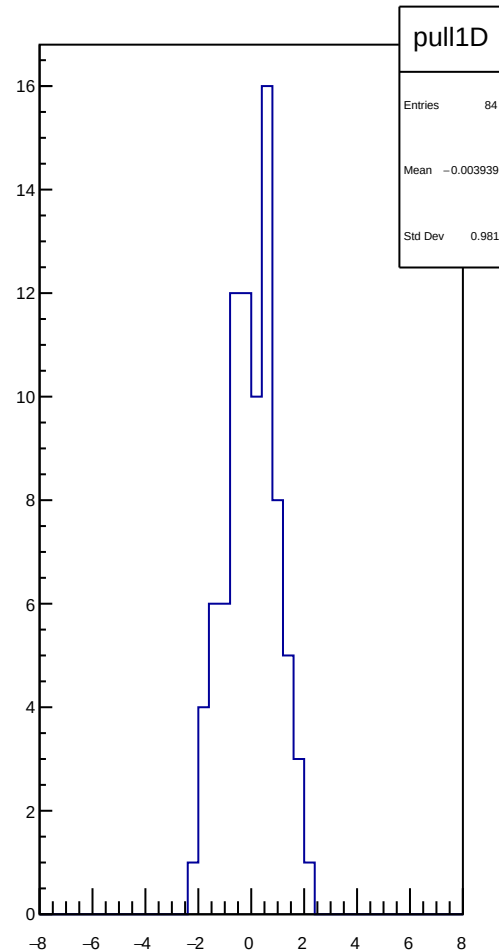
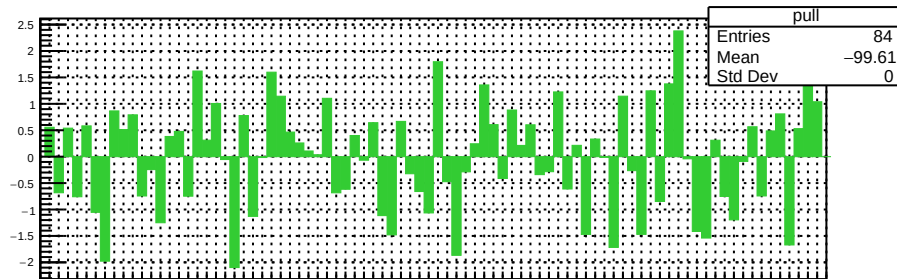
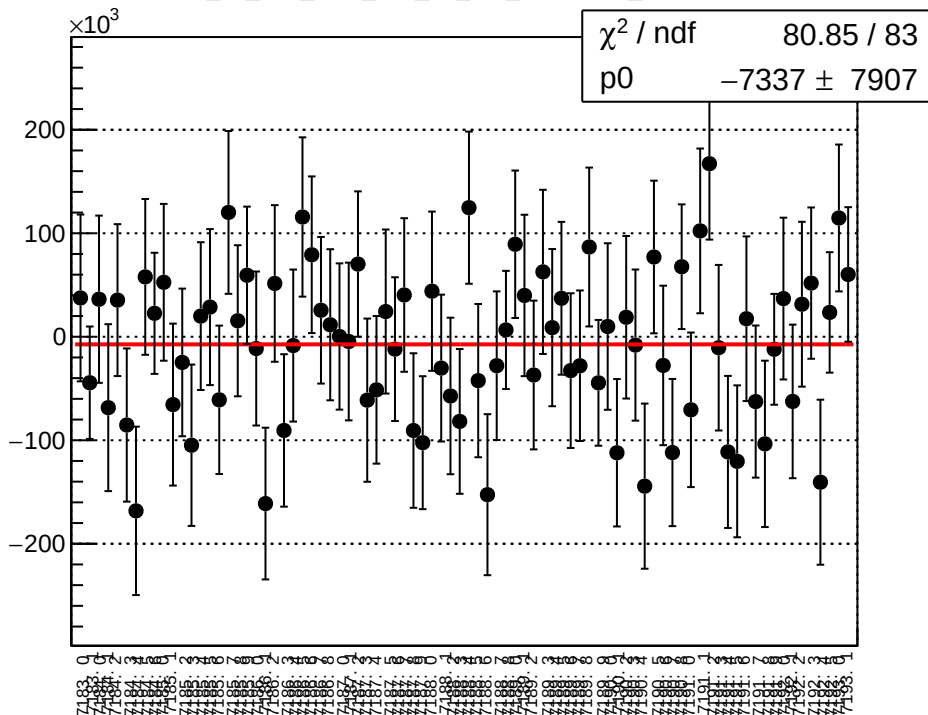
reg_asym_us_avg_at2lr_avg_dd_mean vs run



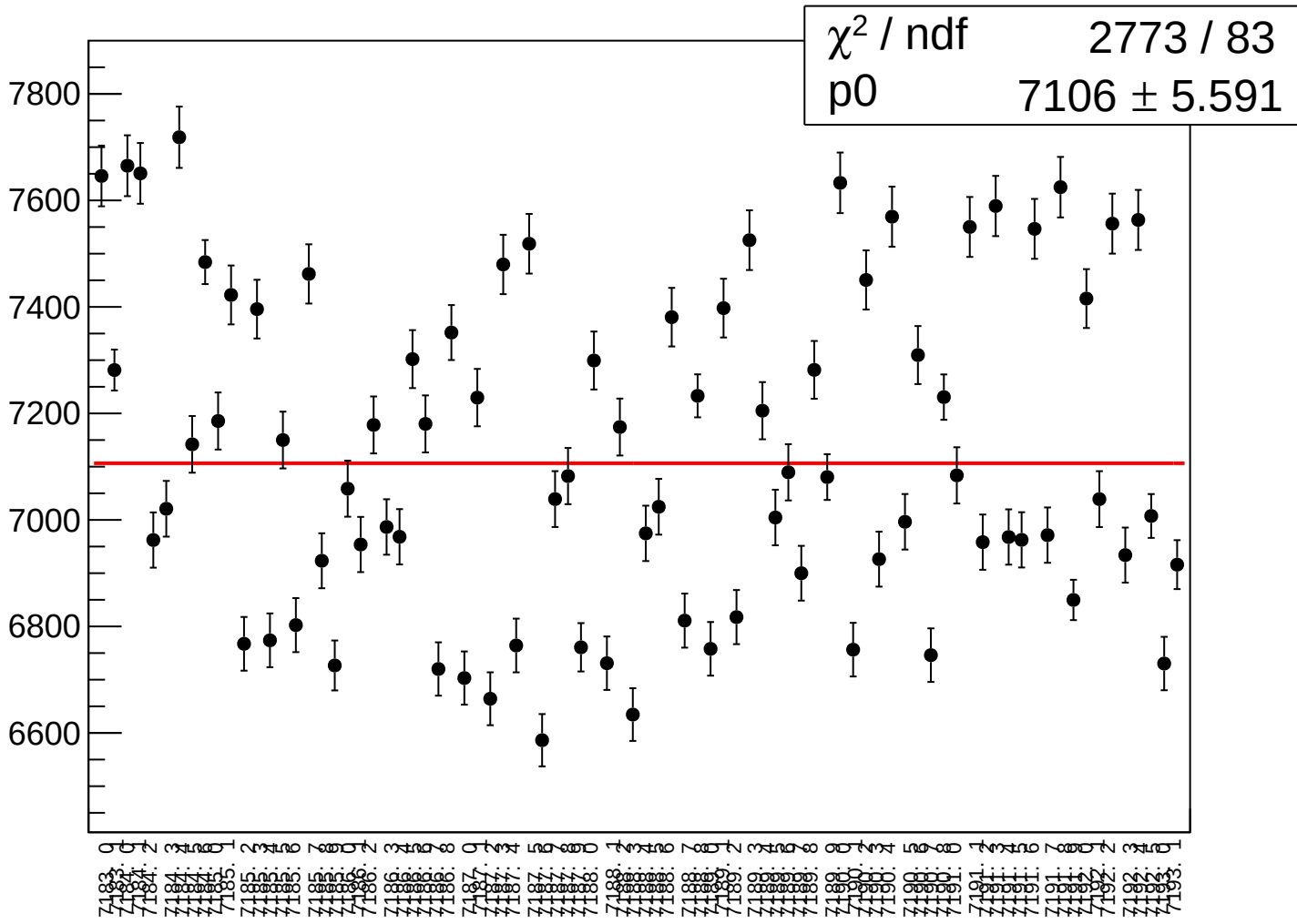
reg_asym_us_avg_at2lr_avg_dd_rms vs run



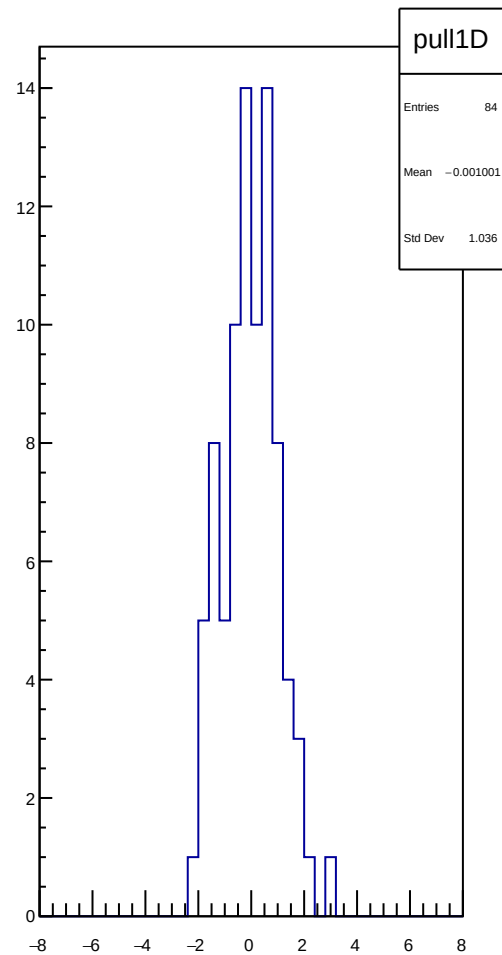
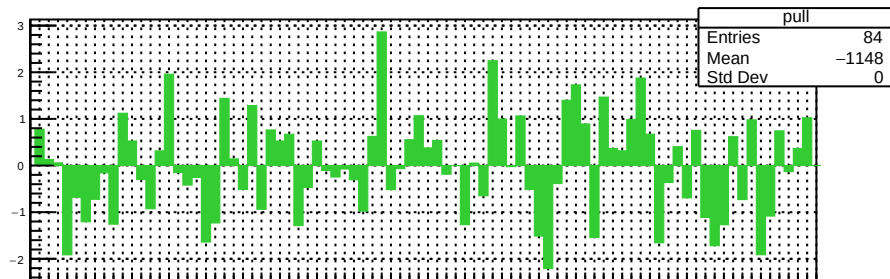
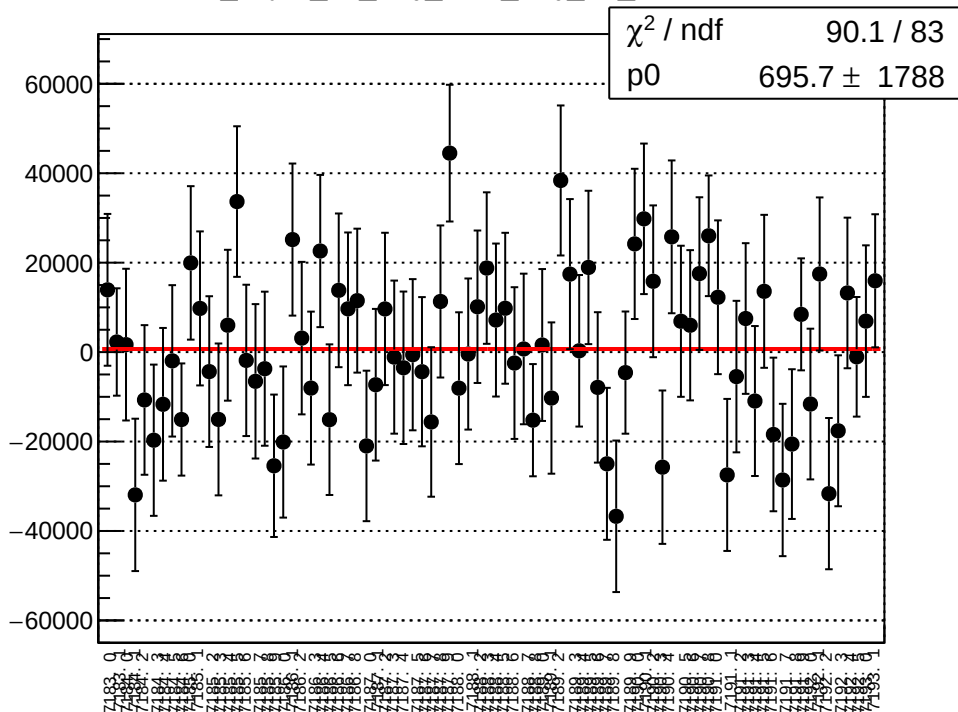
asym_us_avg_at2lr_avg_dd_reg_correction_mean vs un



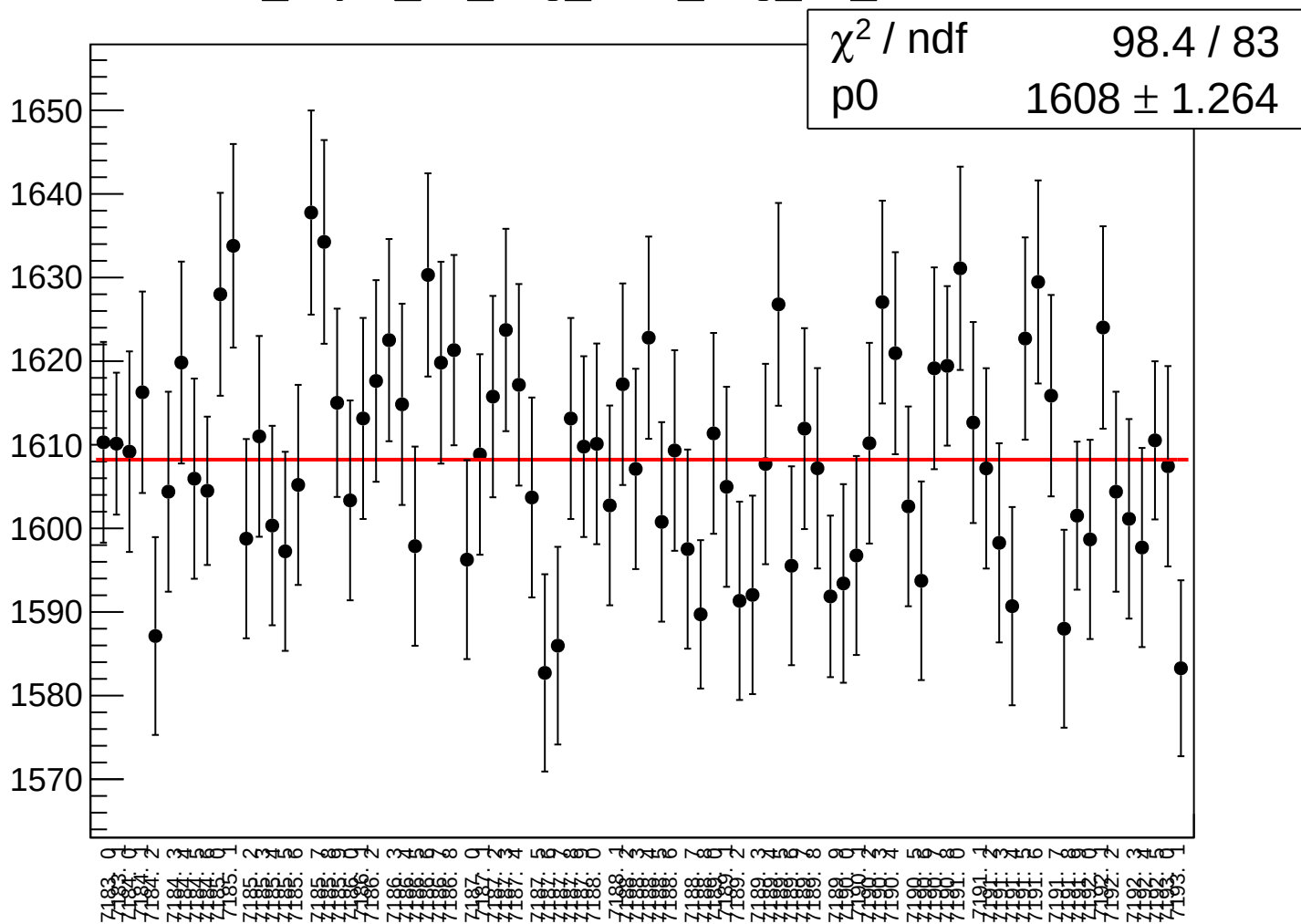
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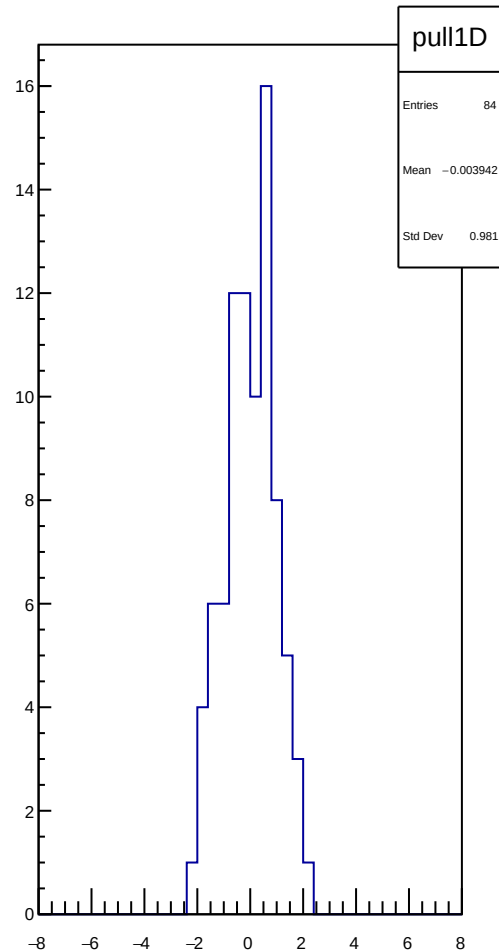
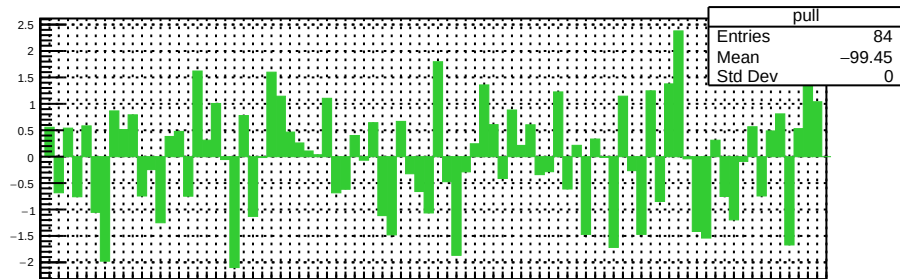
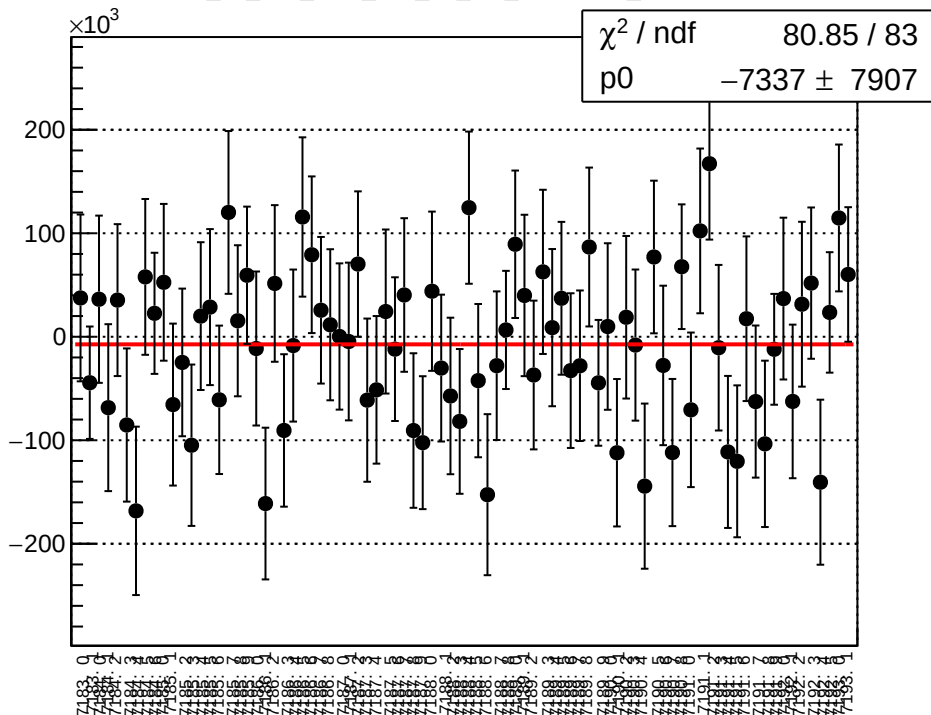
cor_asym_us_avg_at2lr_avg_dd_mean vs run



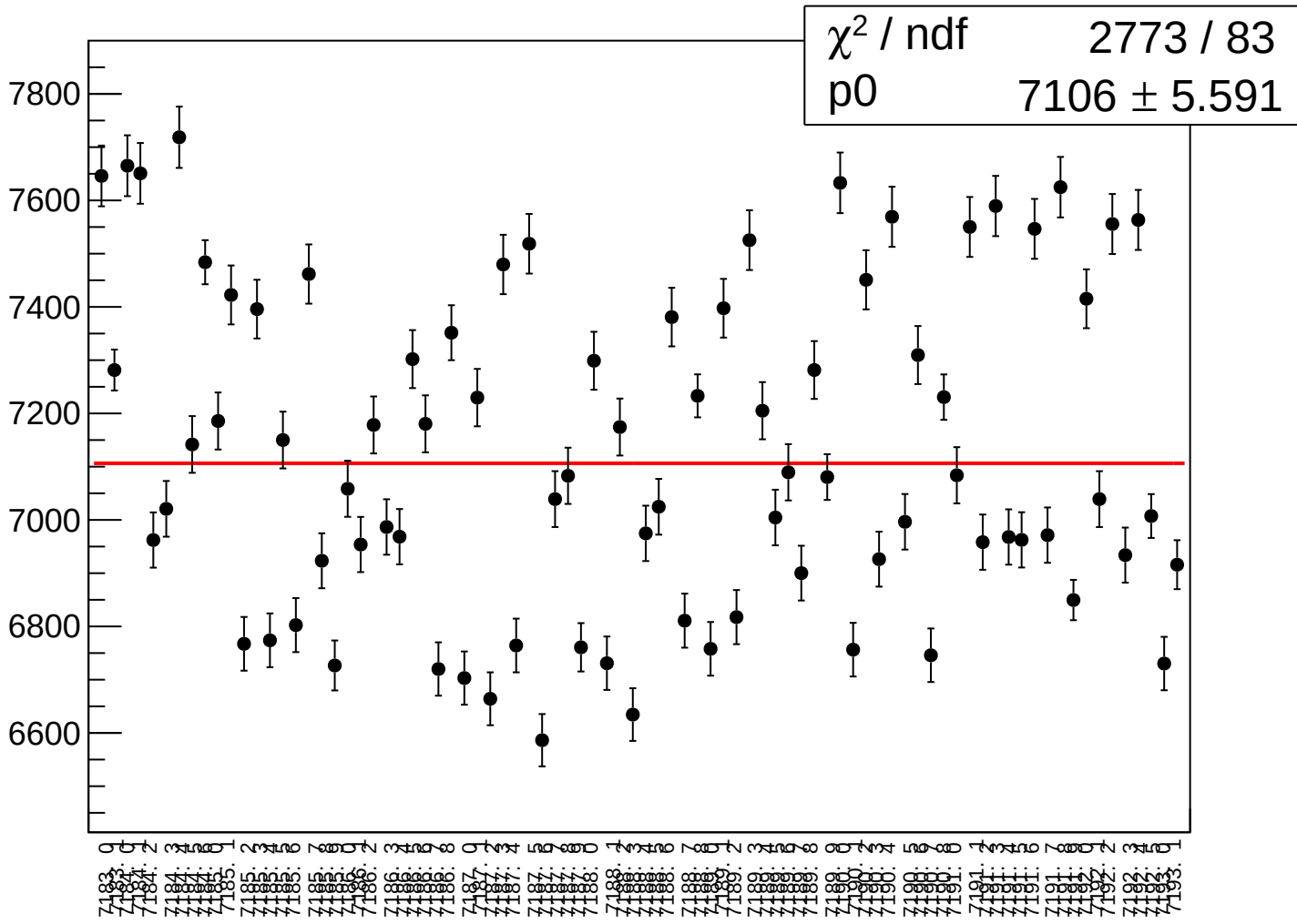
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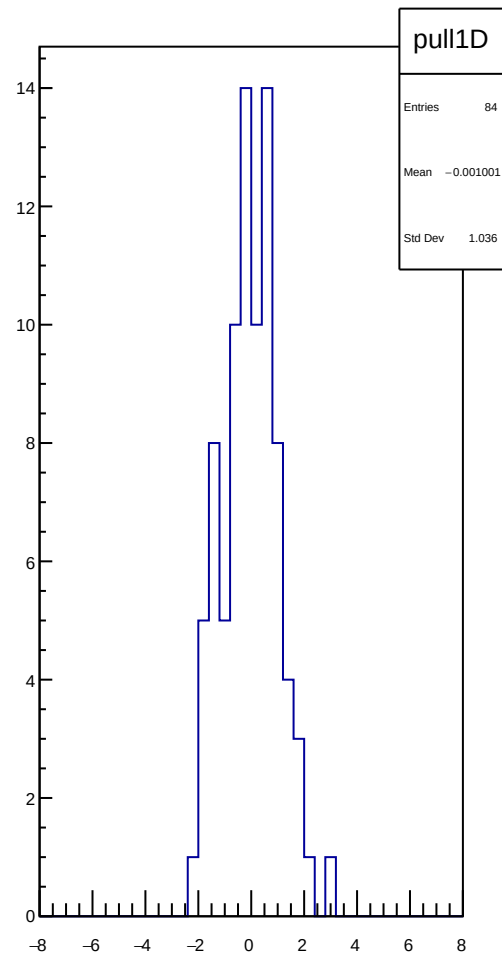
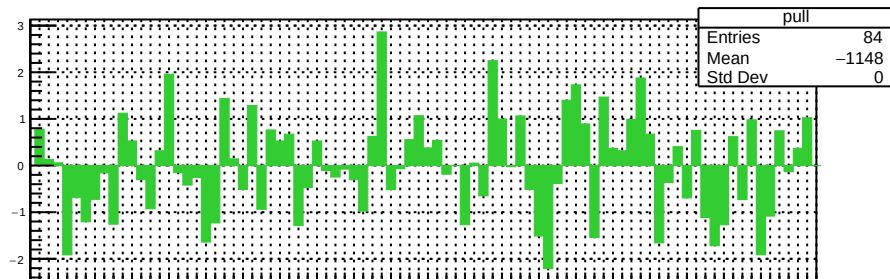
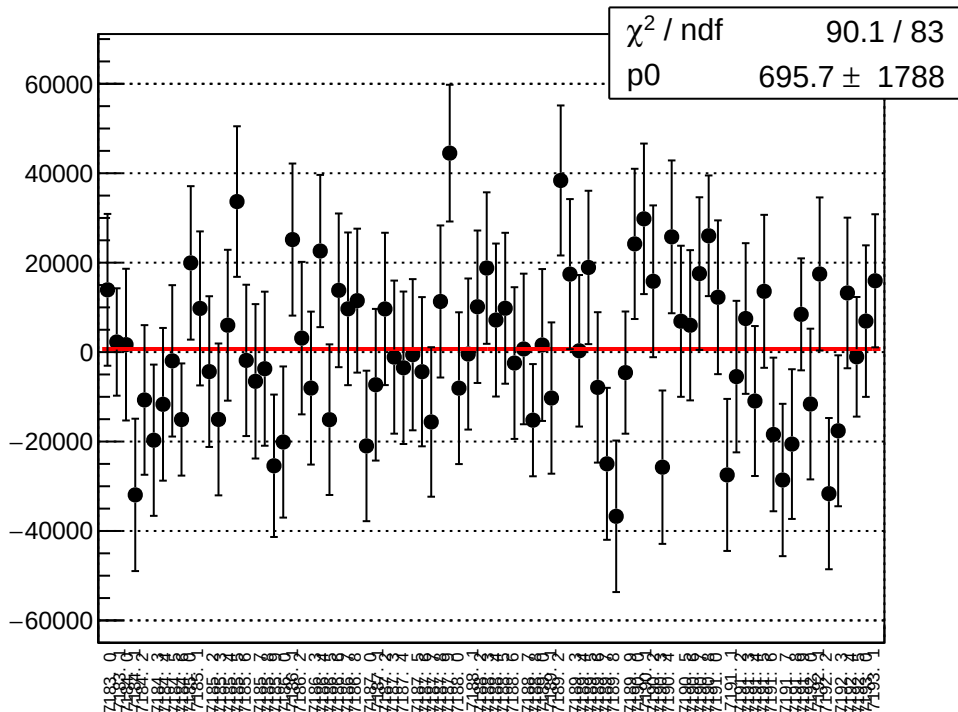
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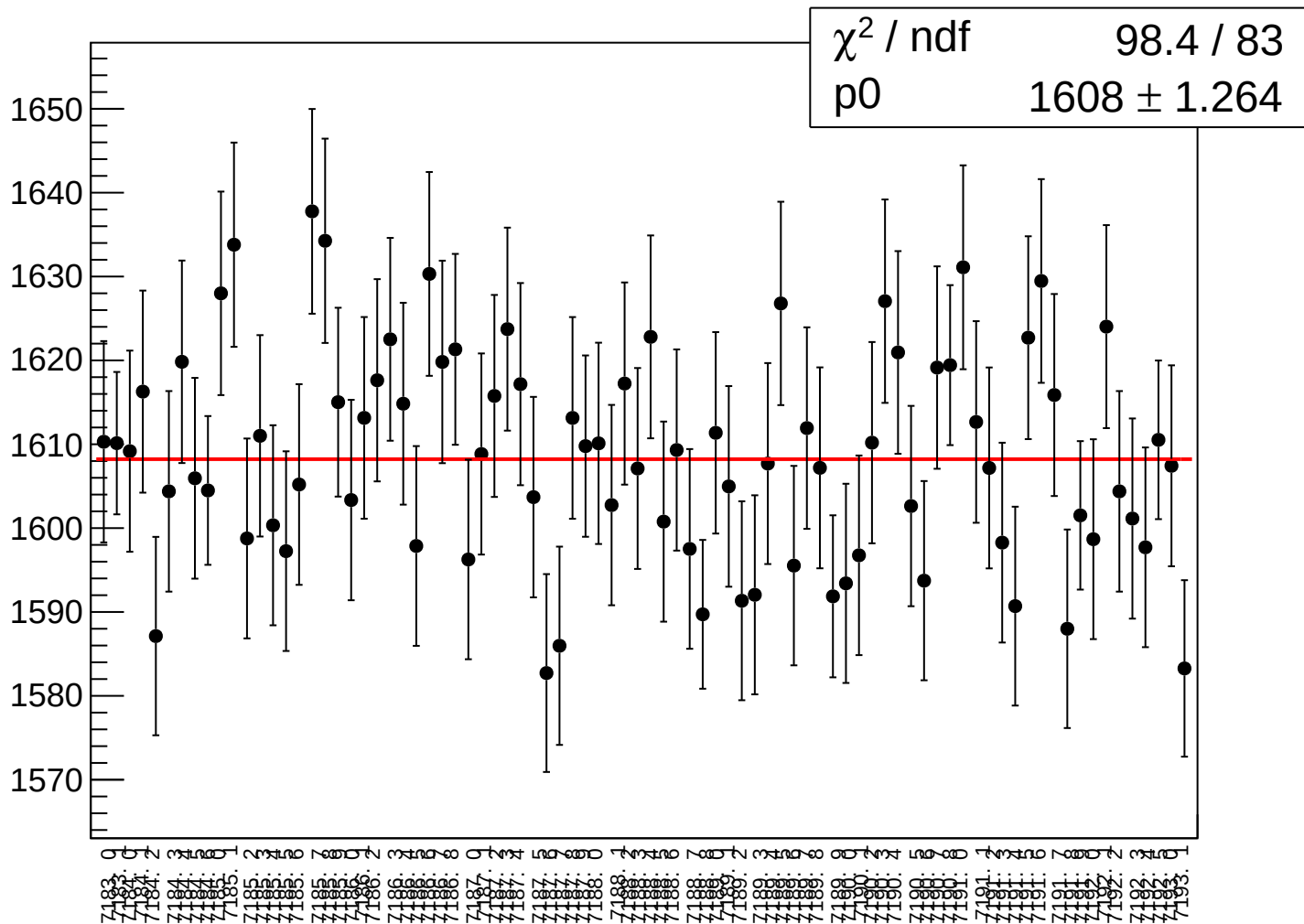
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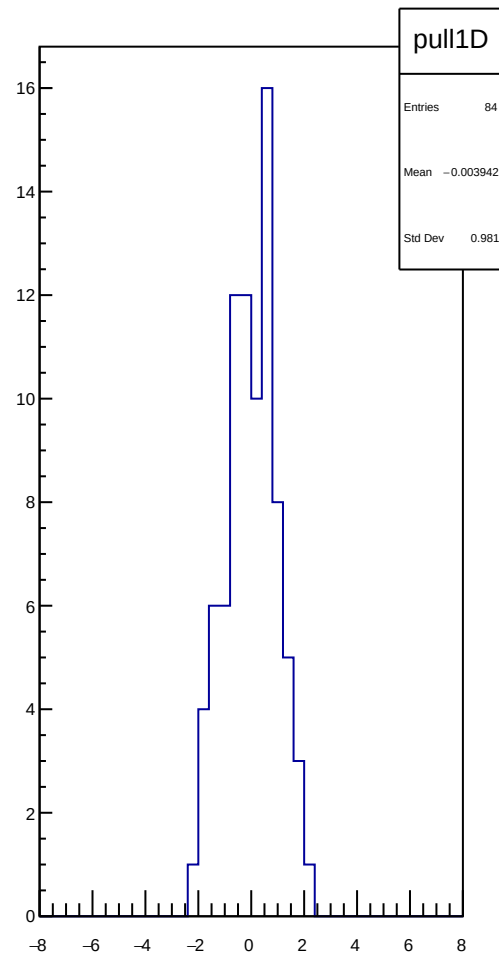
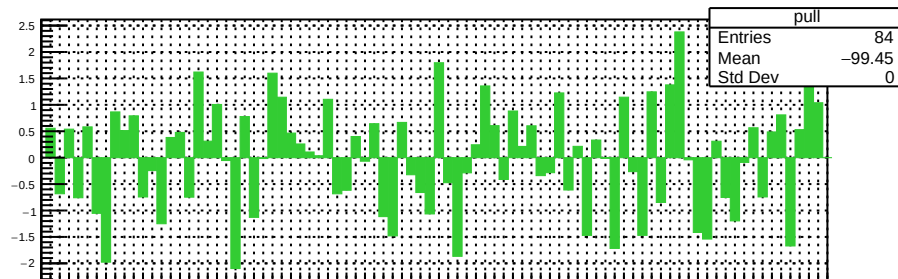
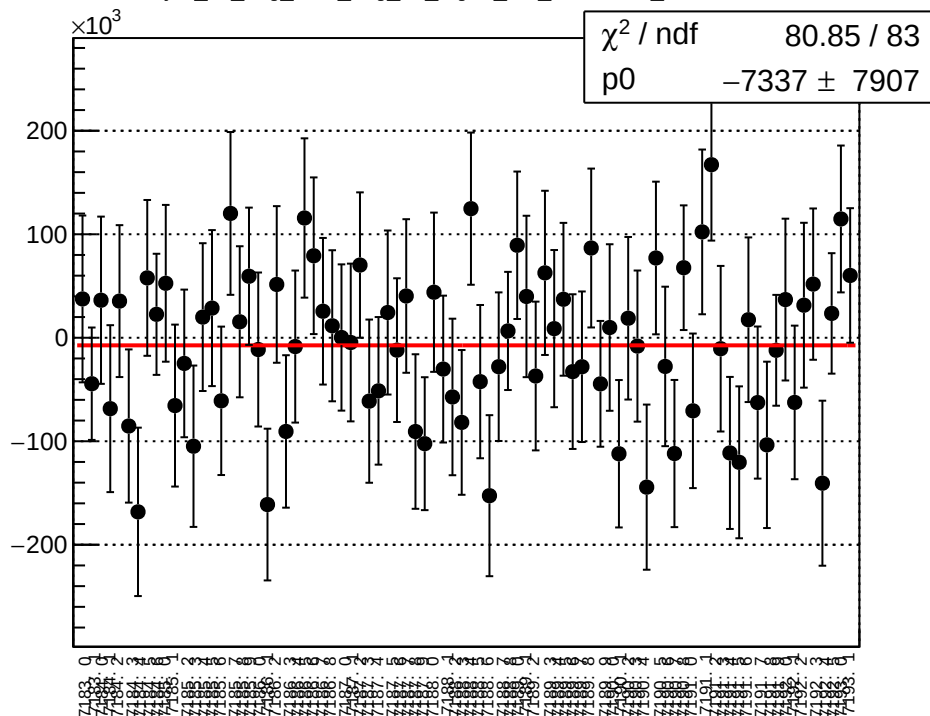
eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs run



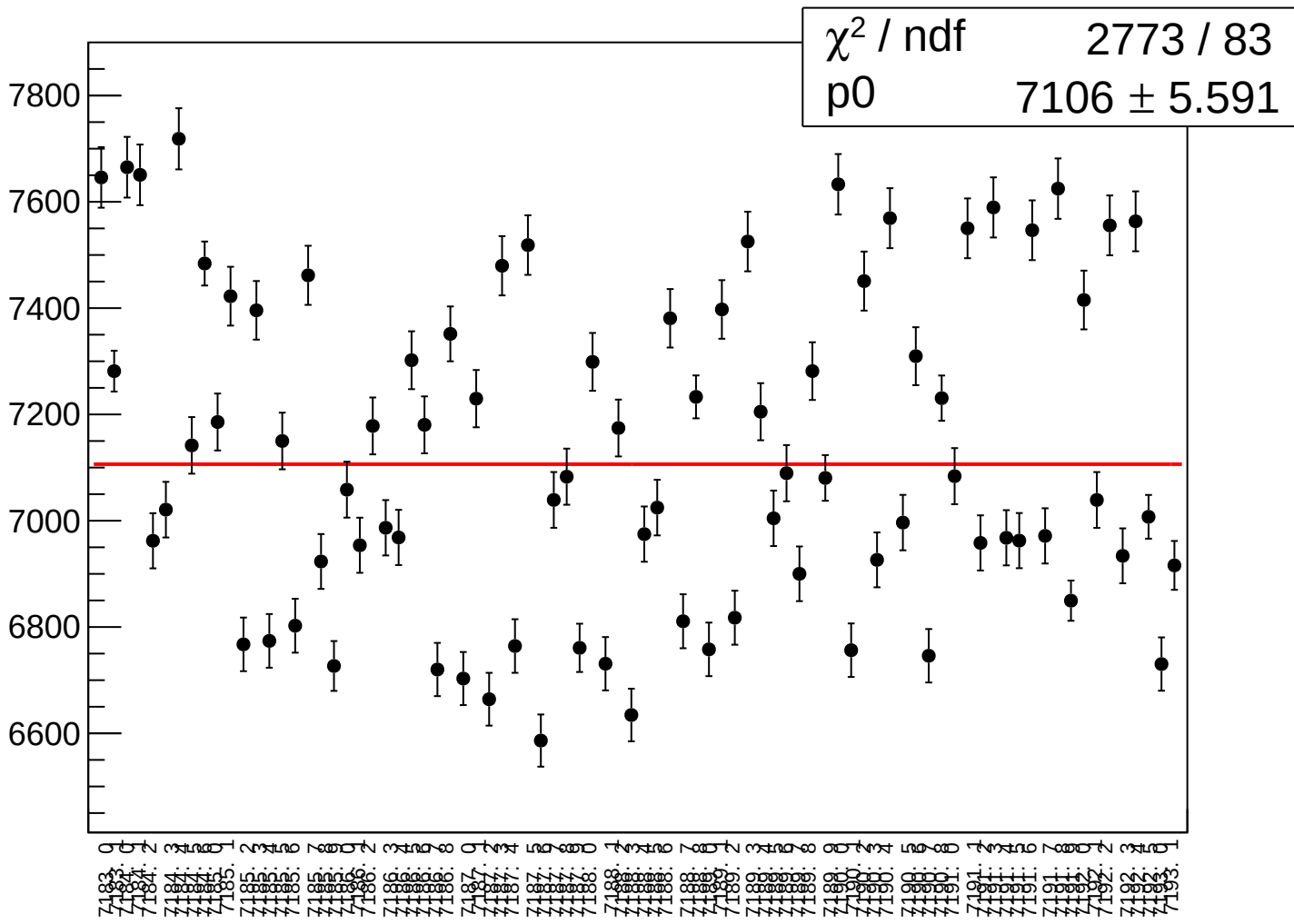
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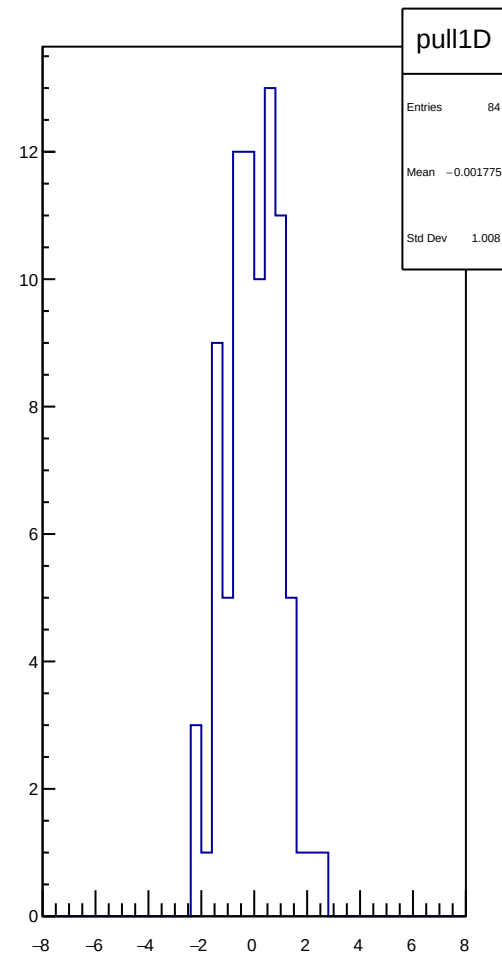
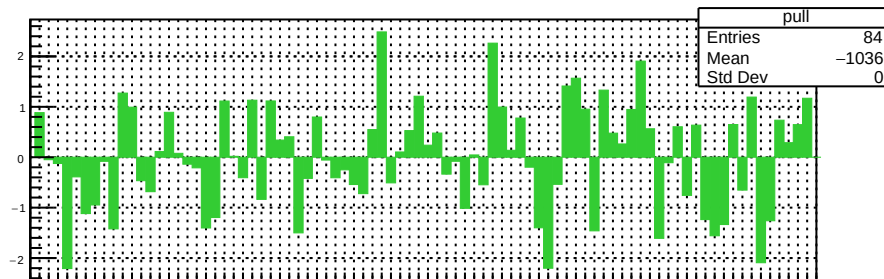
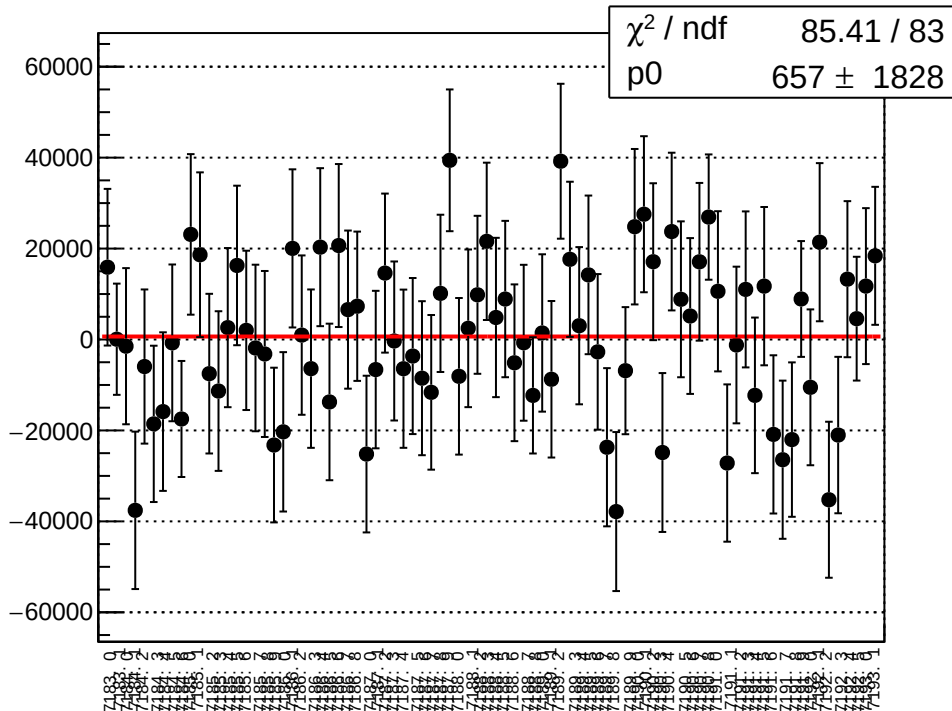
asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs run



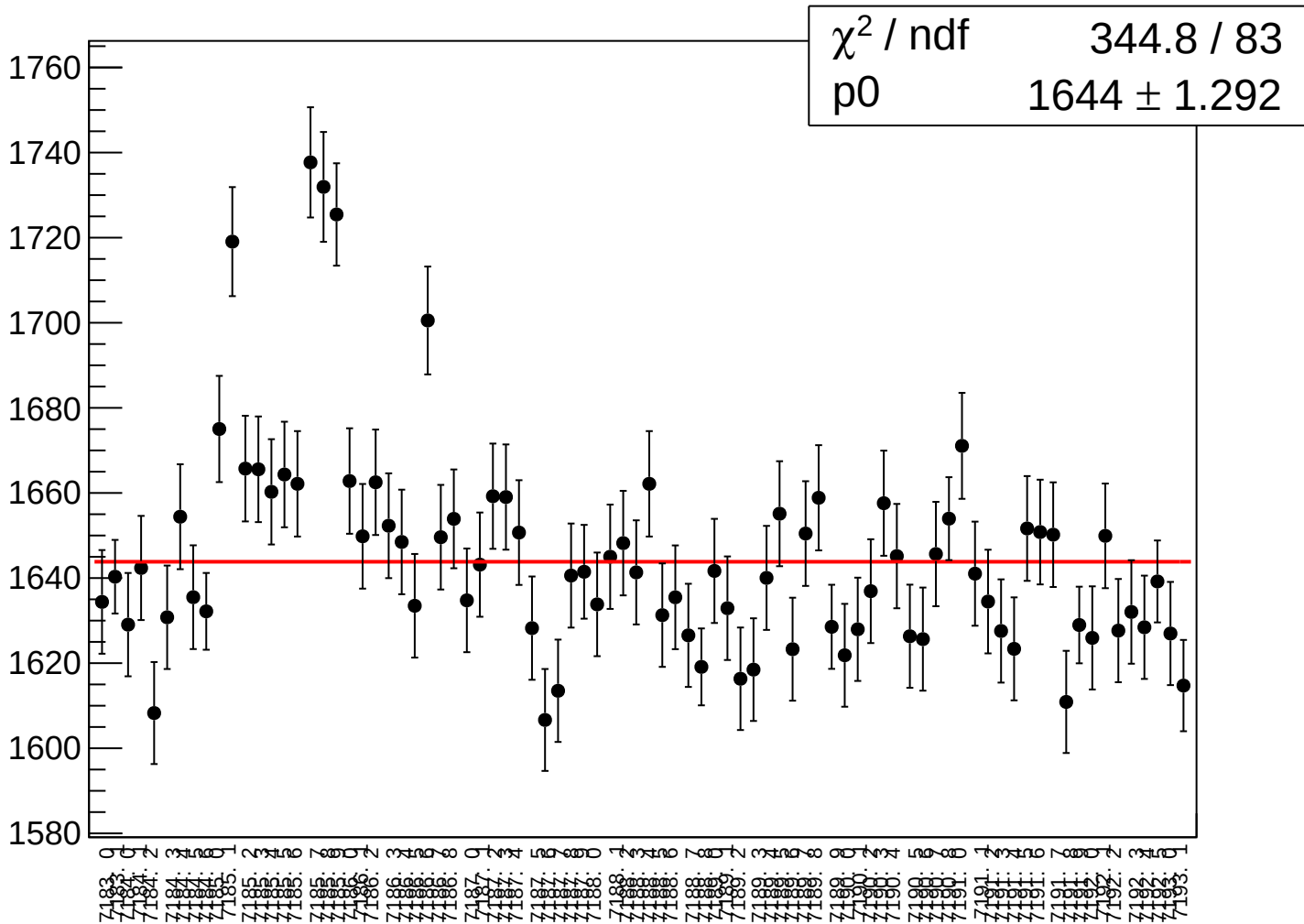
asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs run



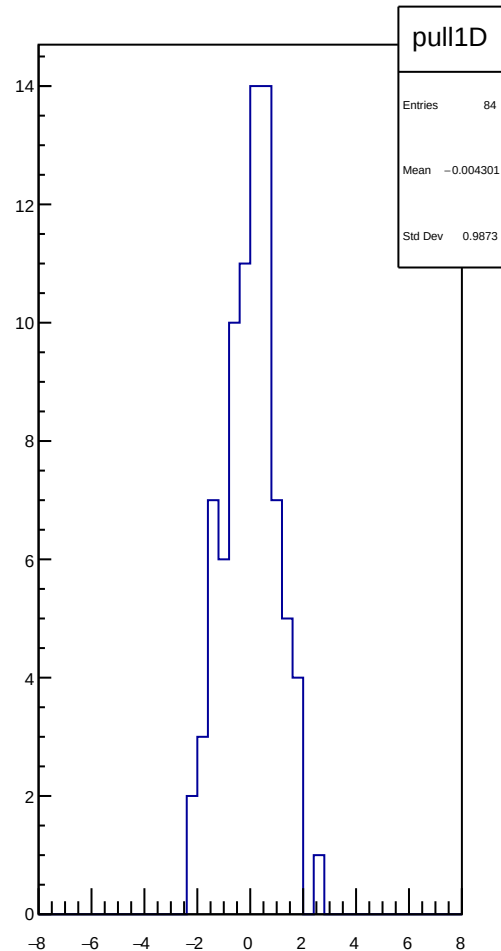
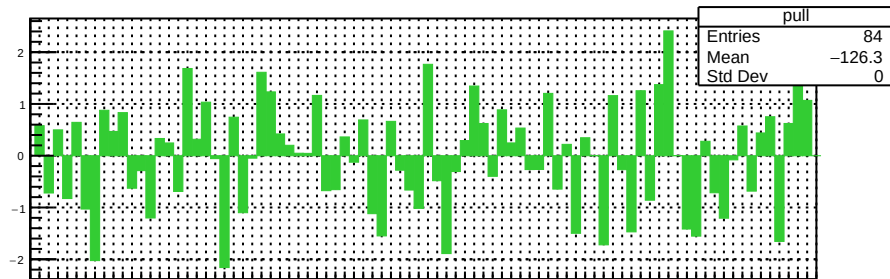
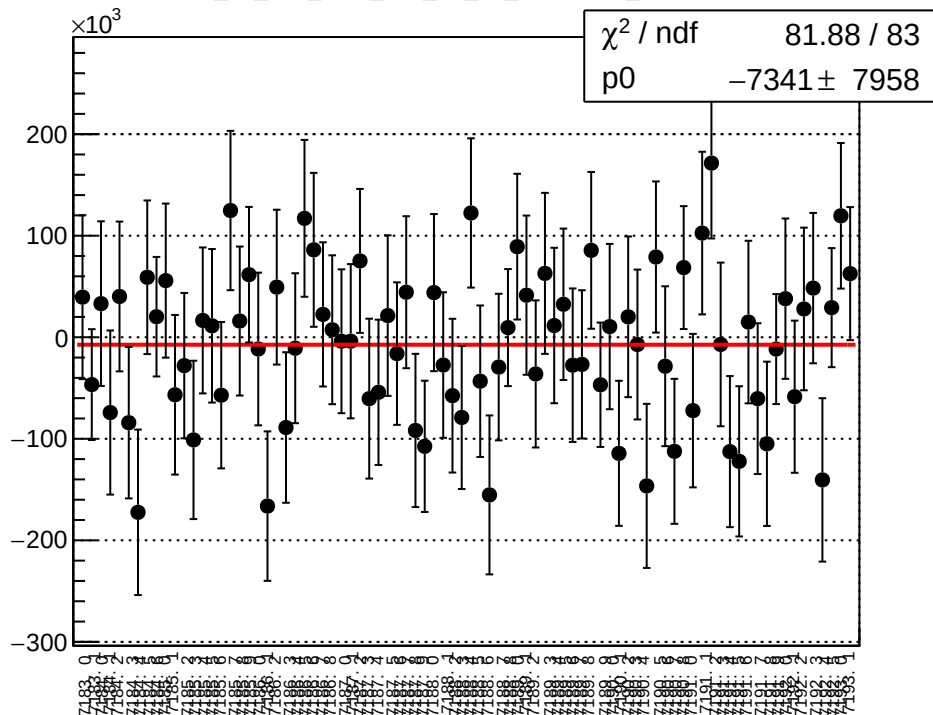
dit_asym_us_avg_at2lr_avg_dd_mean vs run



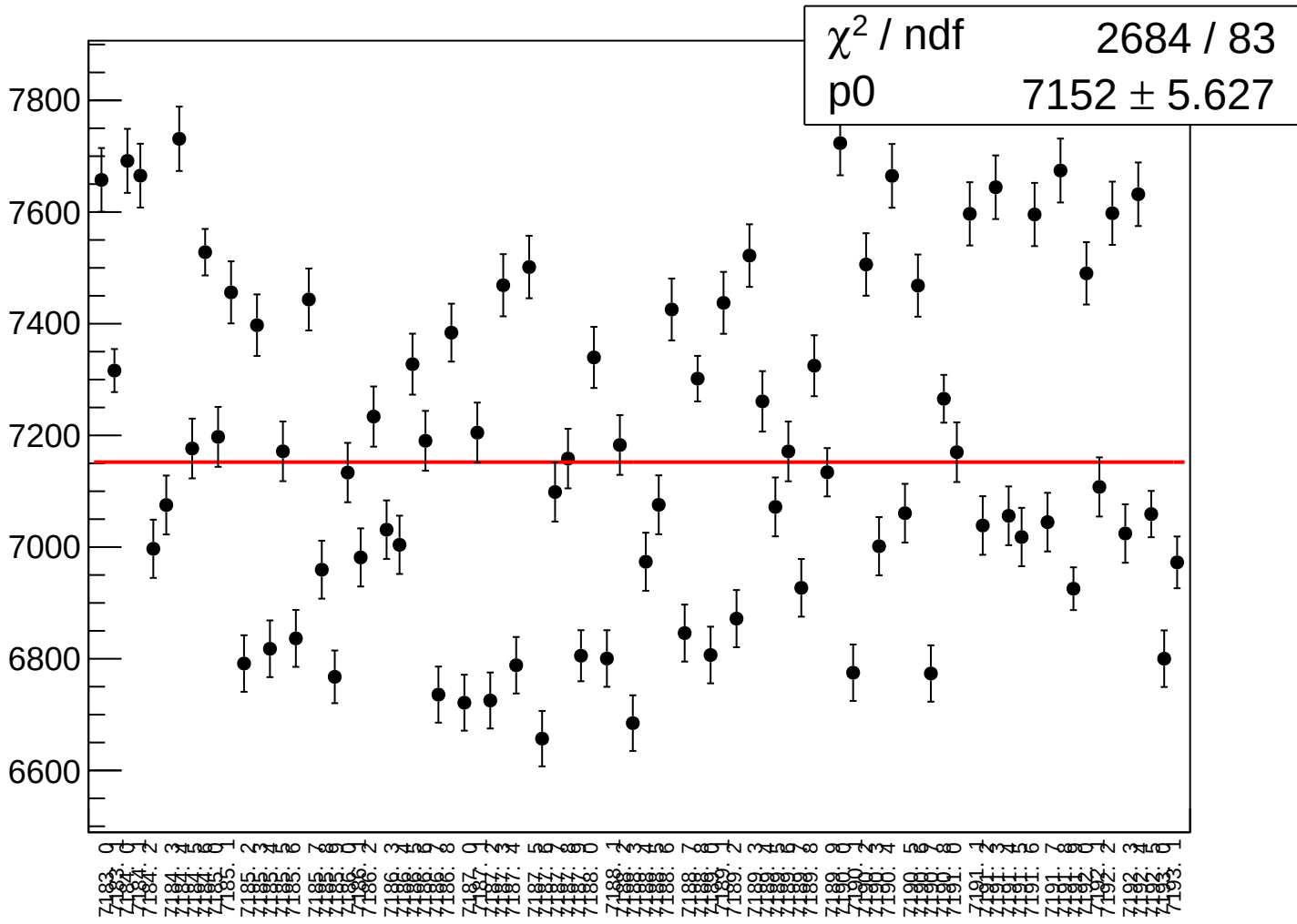
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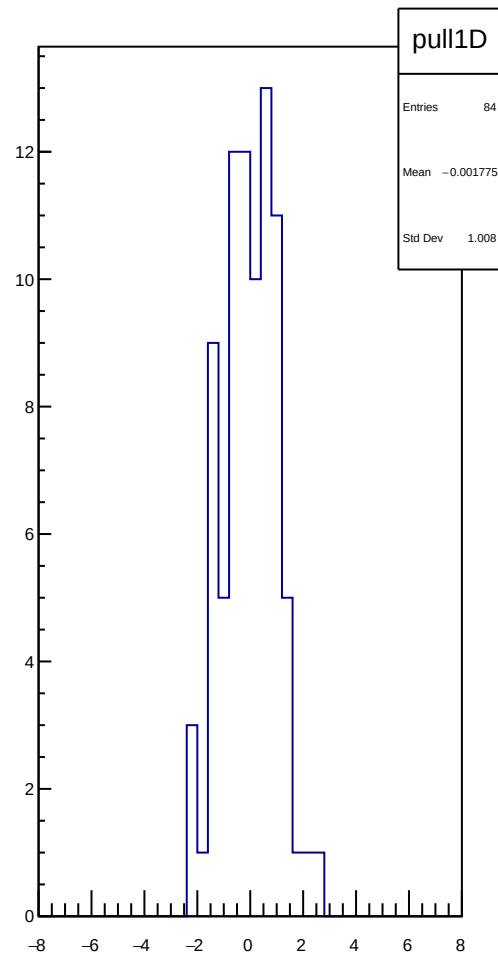
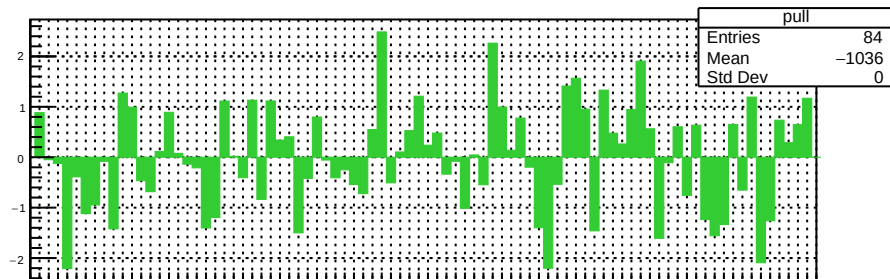
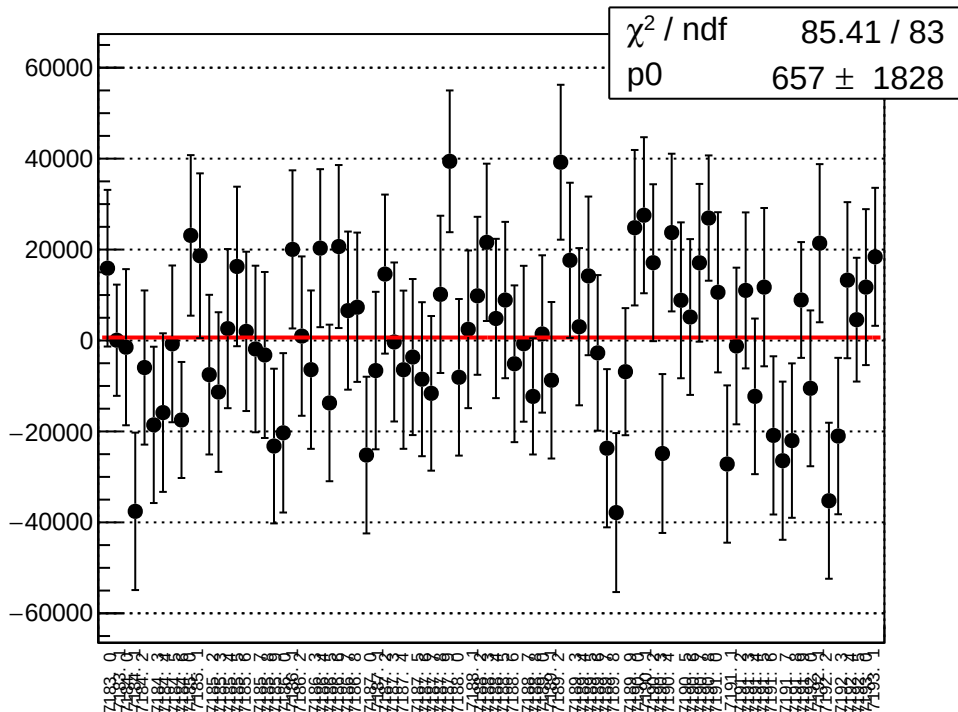
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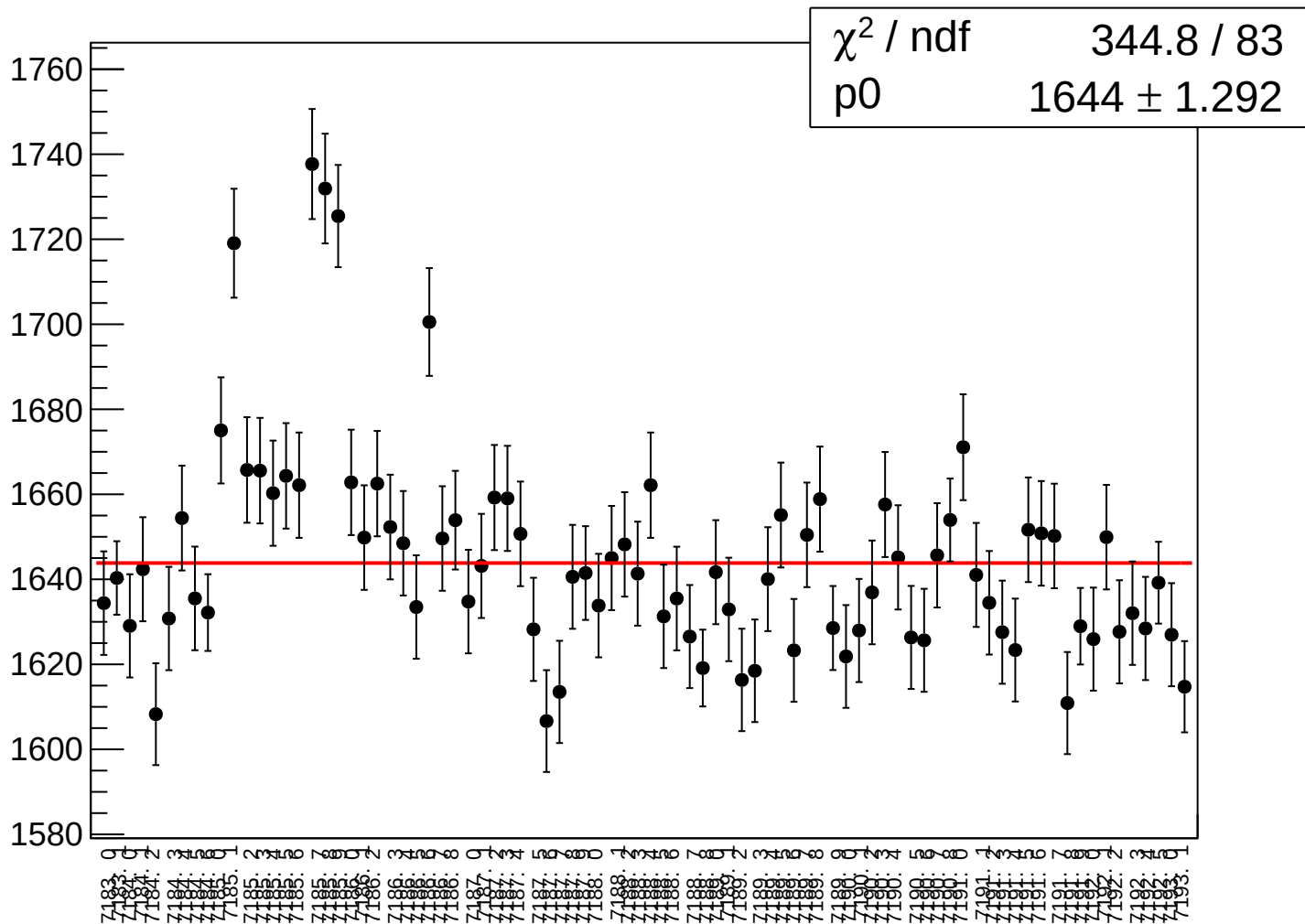
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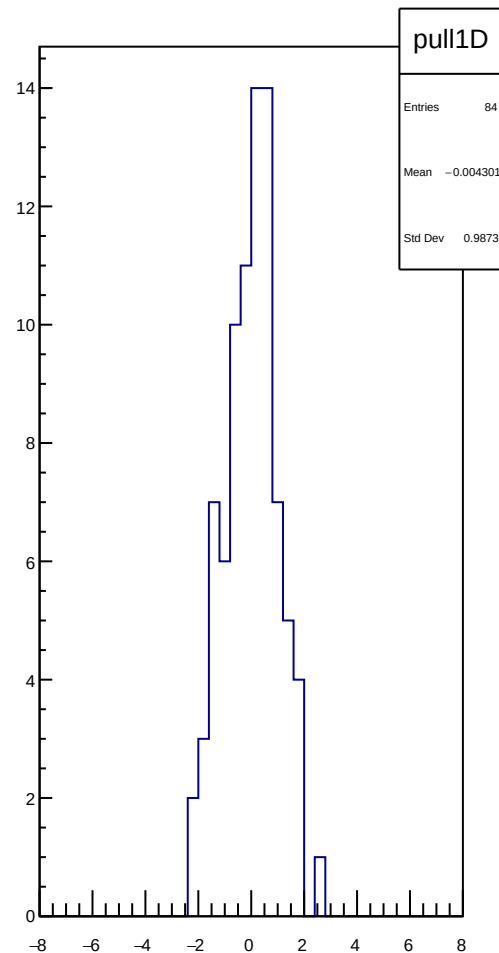
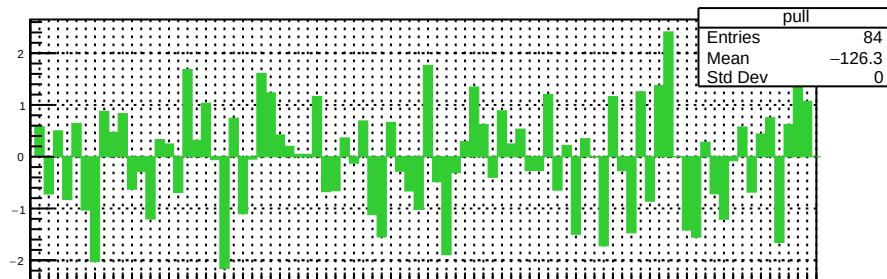
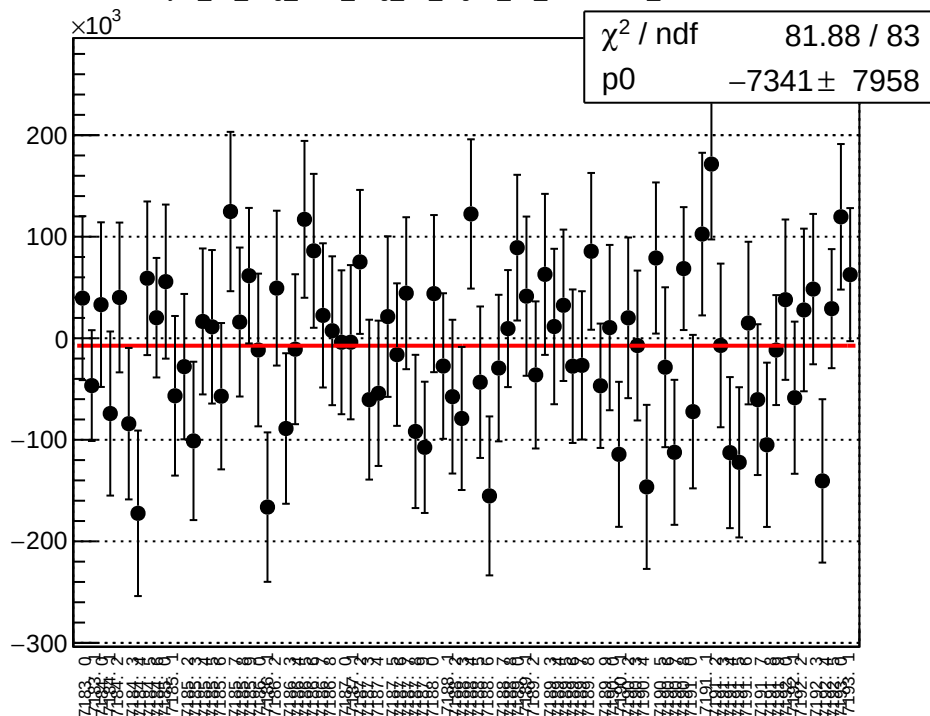
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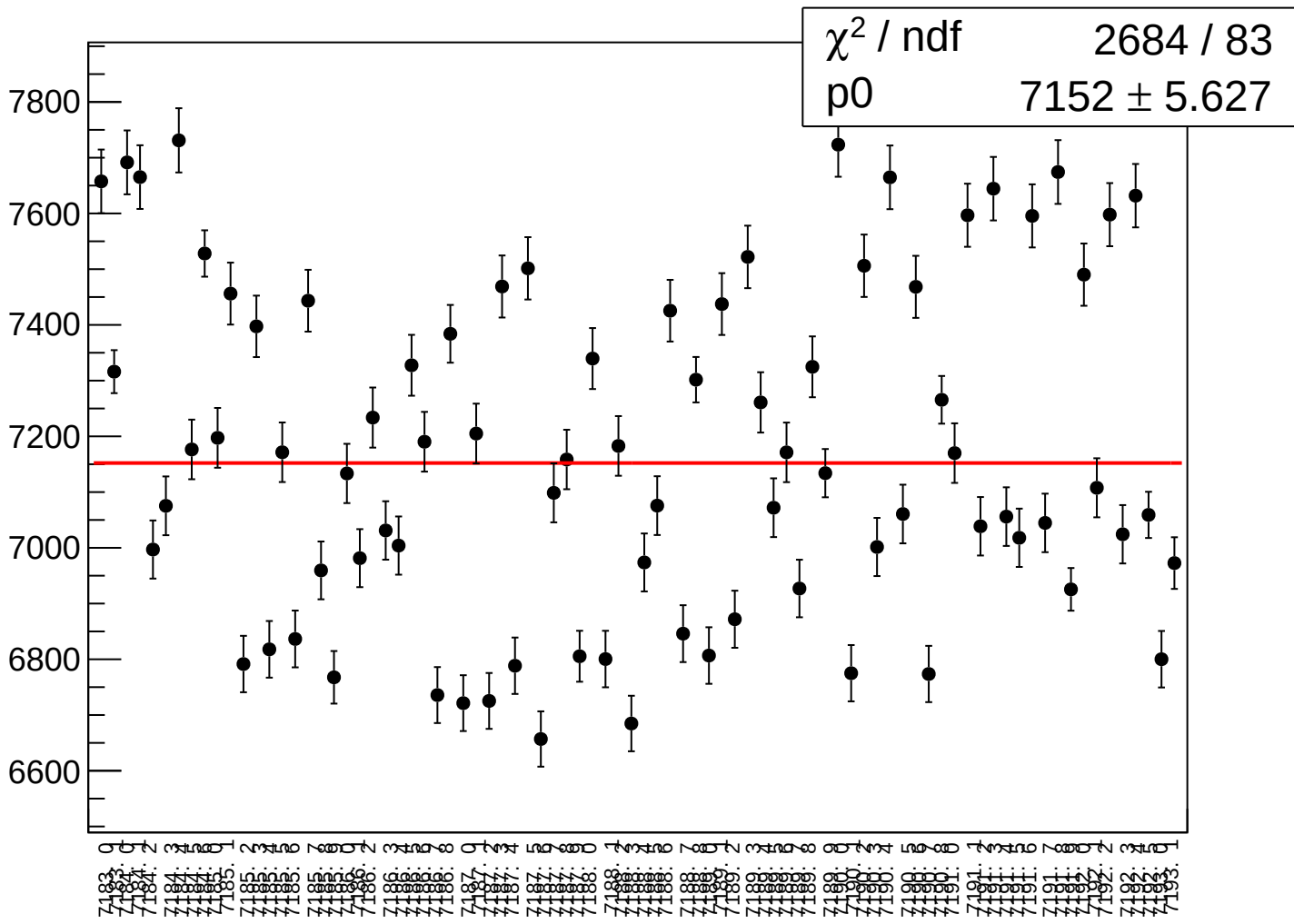
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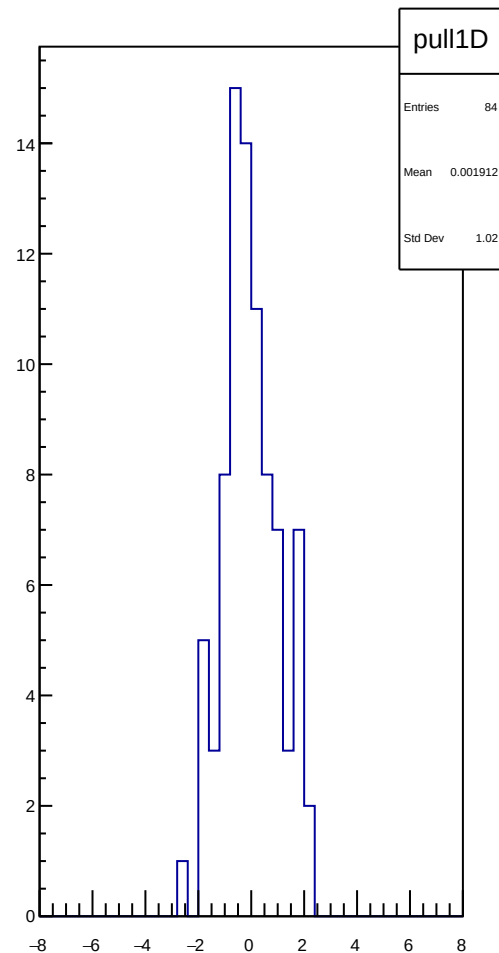
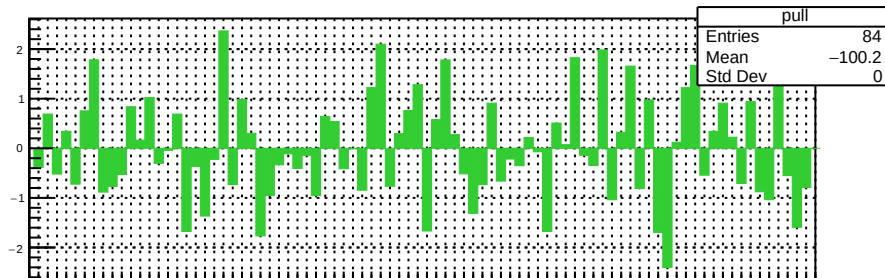
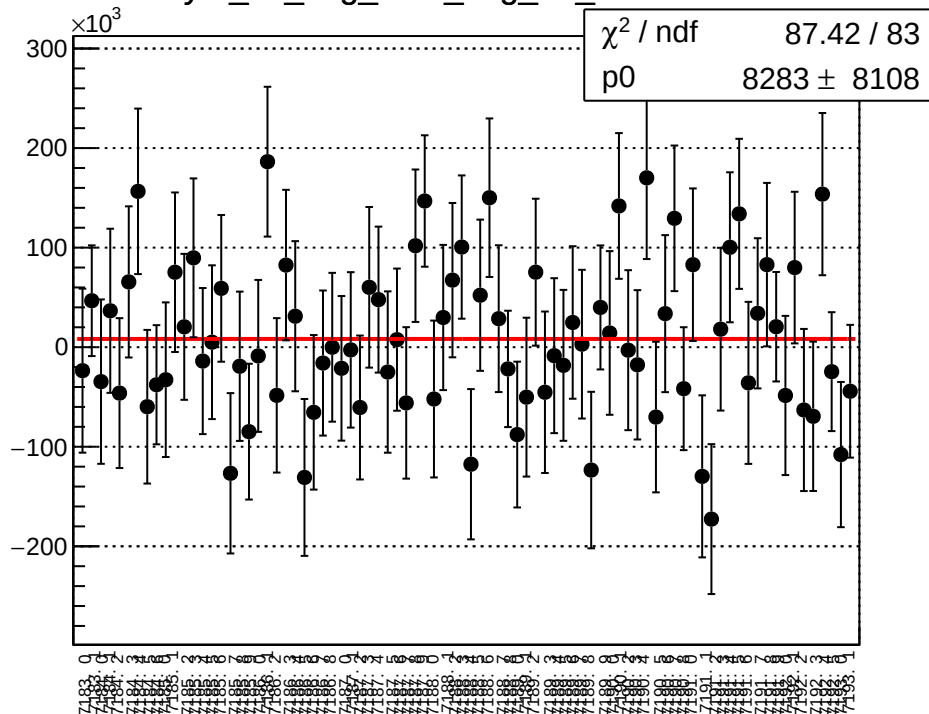
asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs run



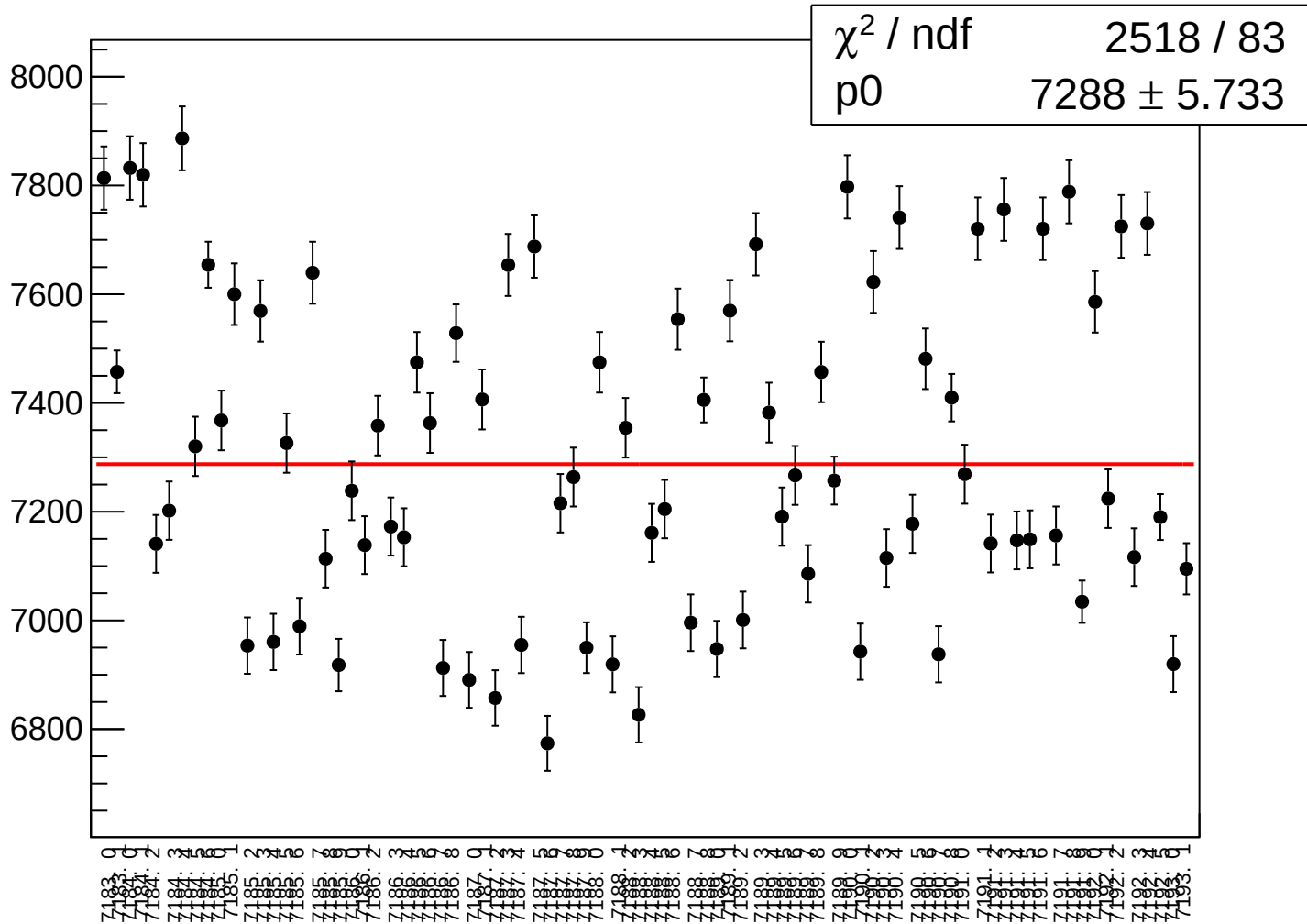
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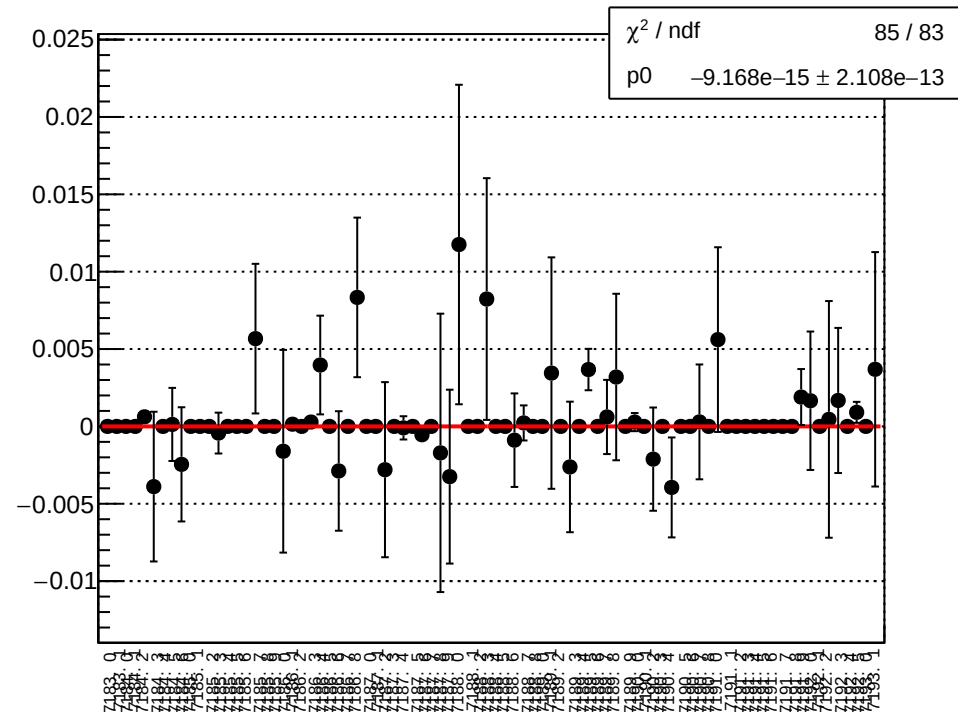
asym_us_avg_at2lr_avg_dd_mean vs run



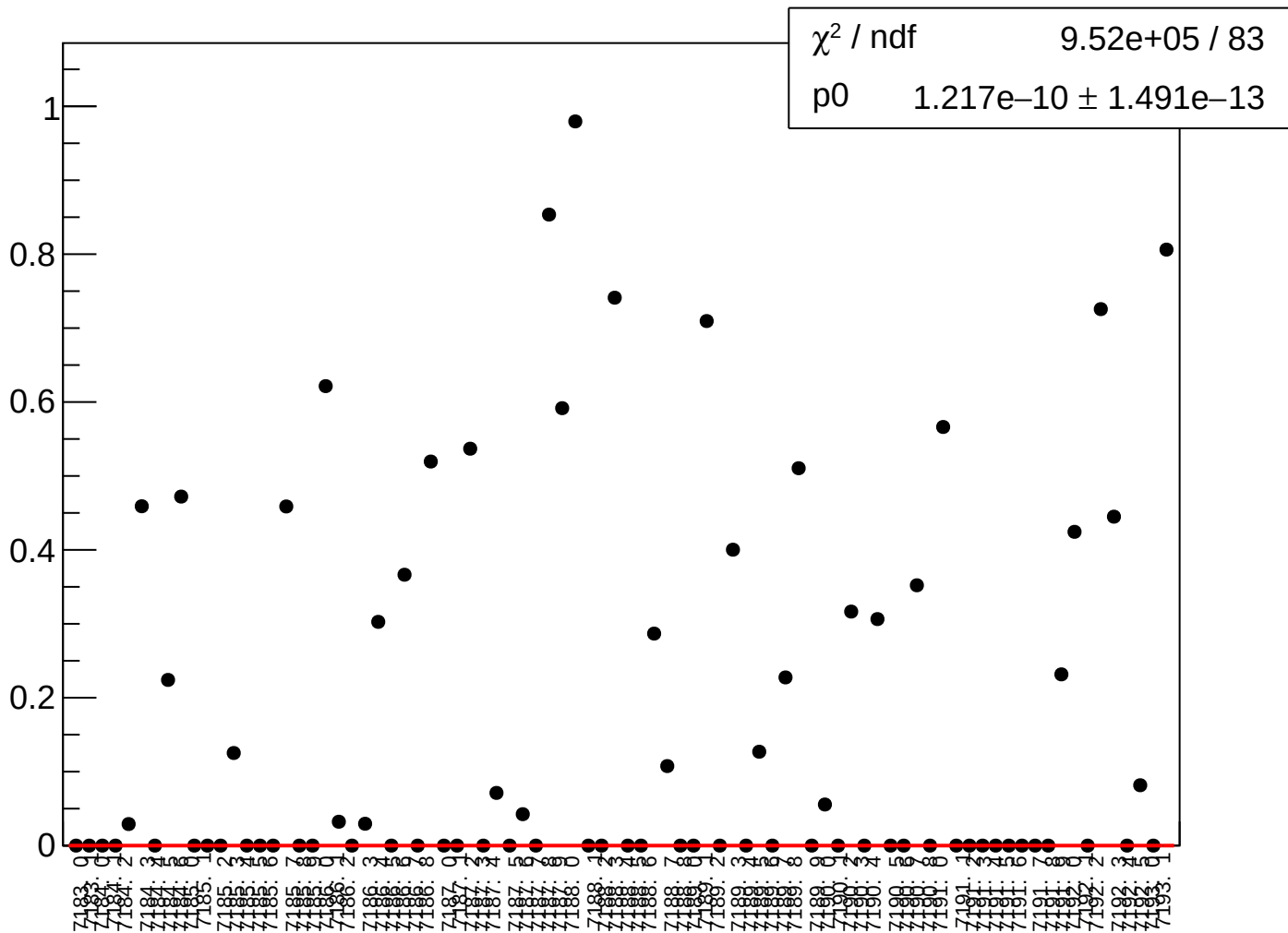
asym_us_avg_at2lr_avg_dd_rms vs run



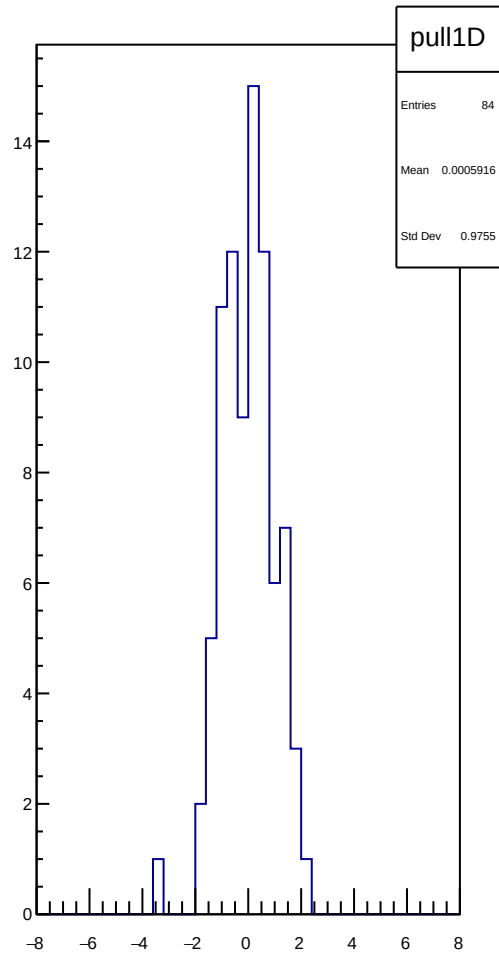
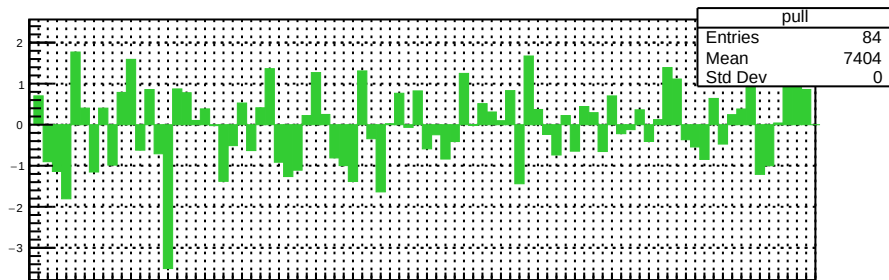
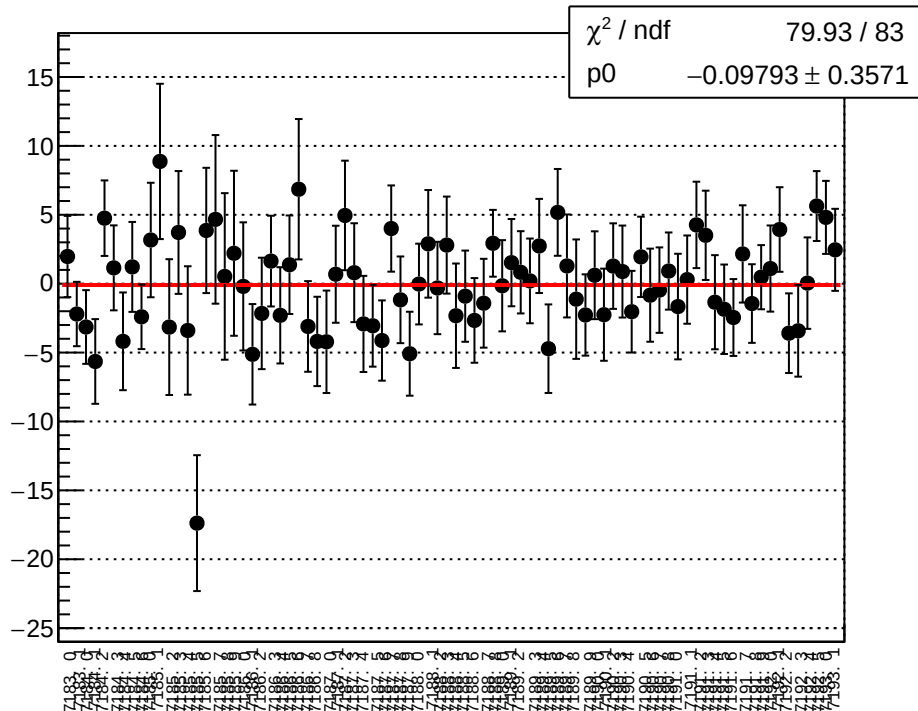
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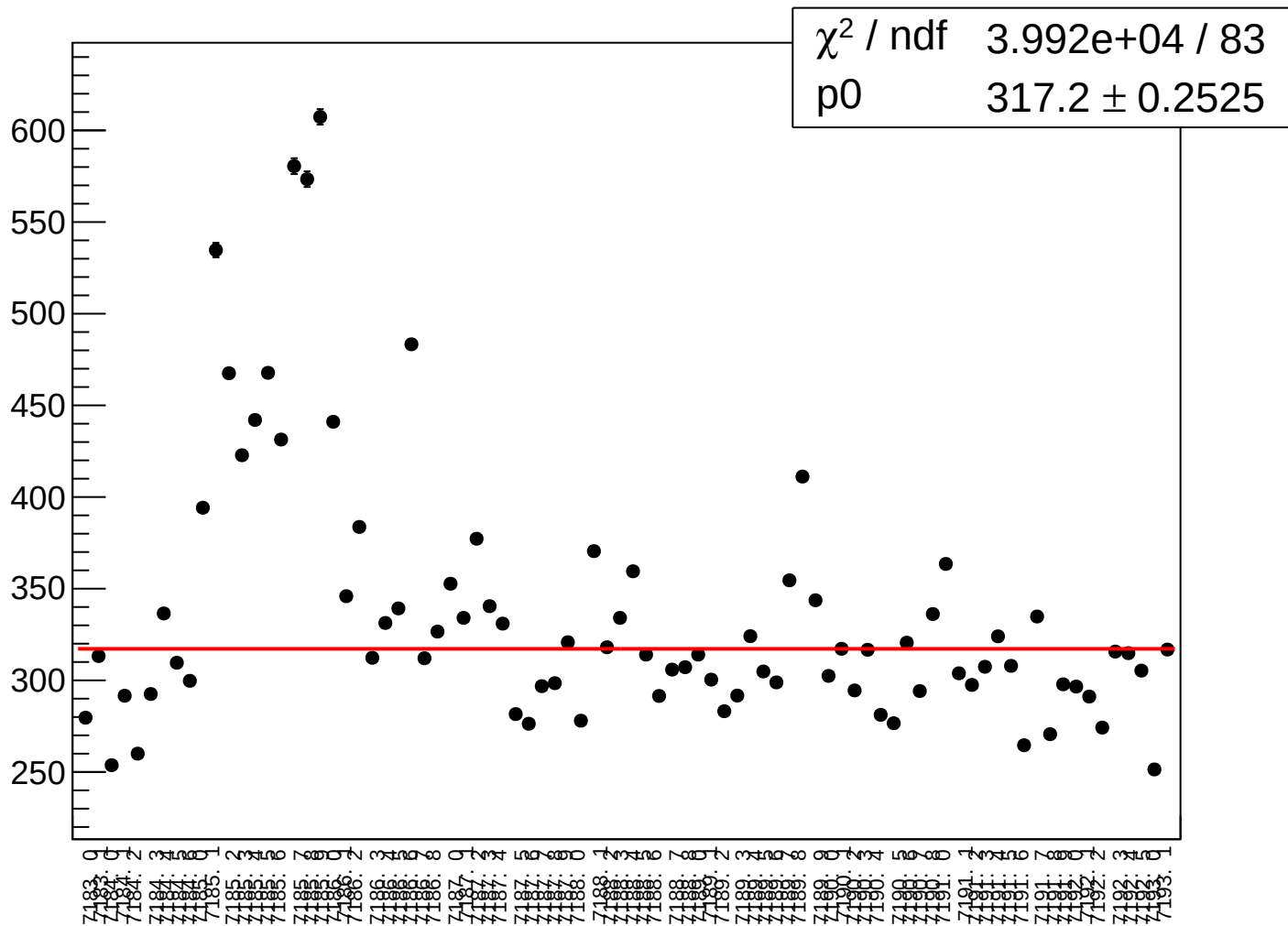
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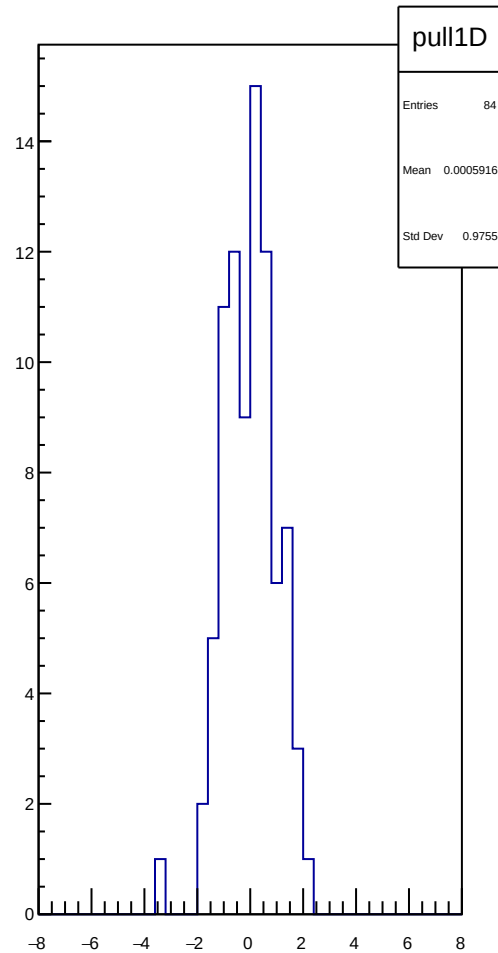
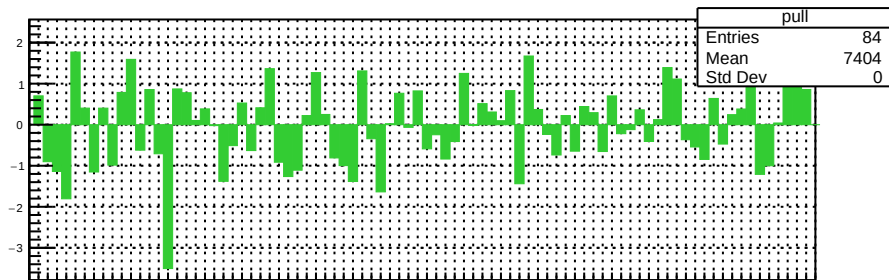
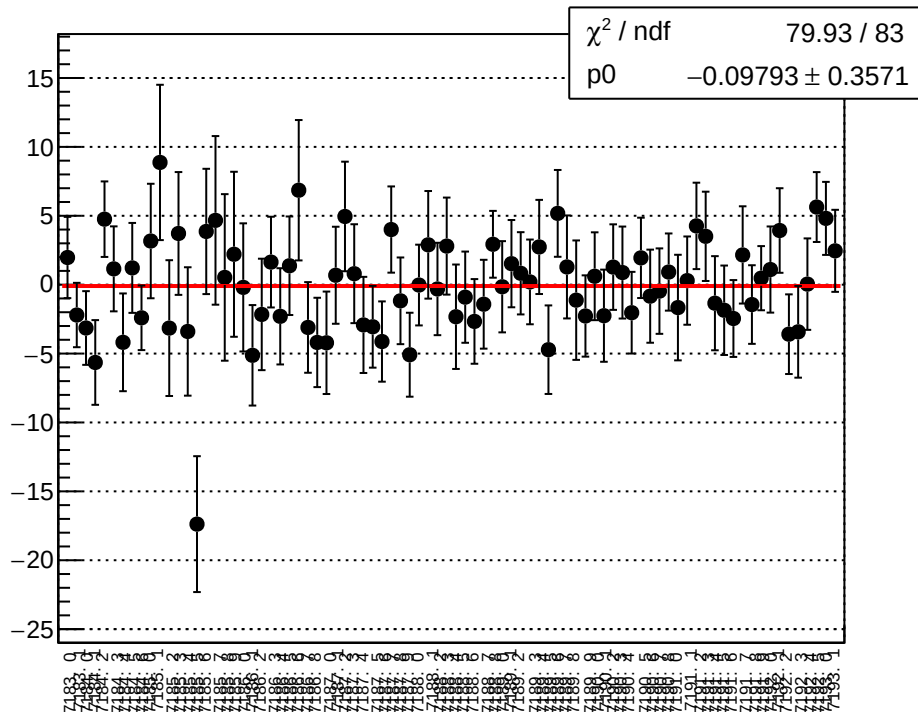
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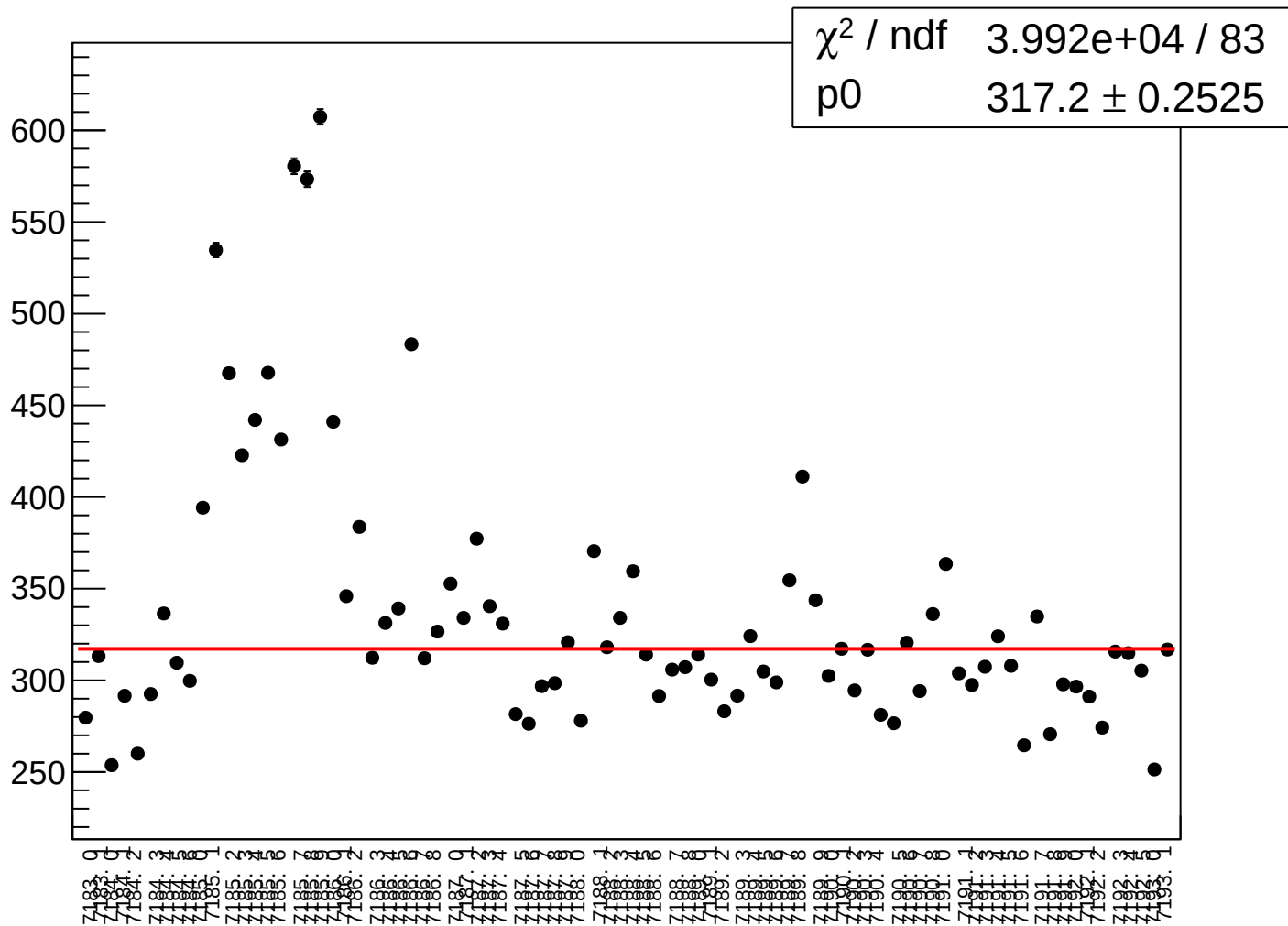
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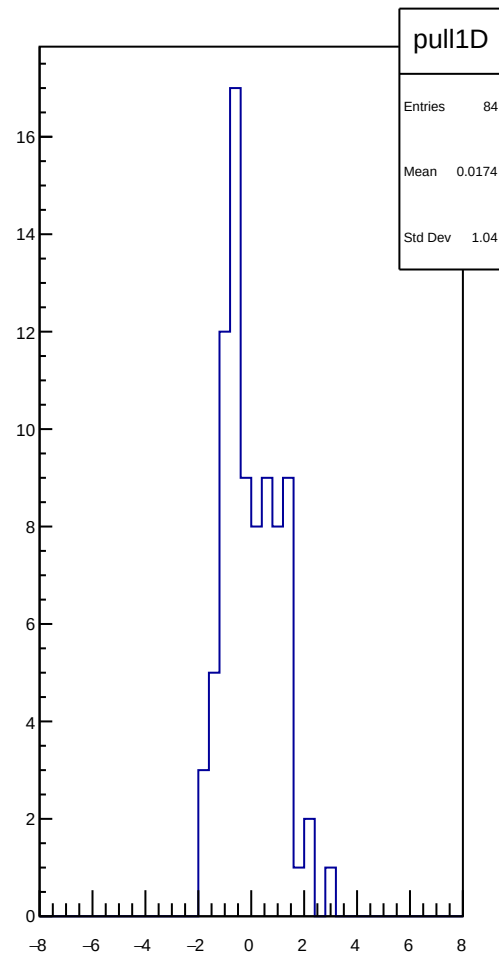
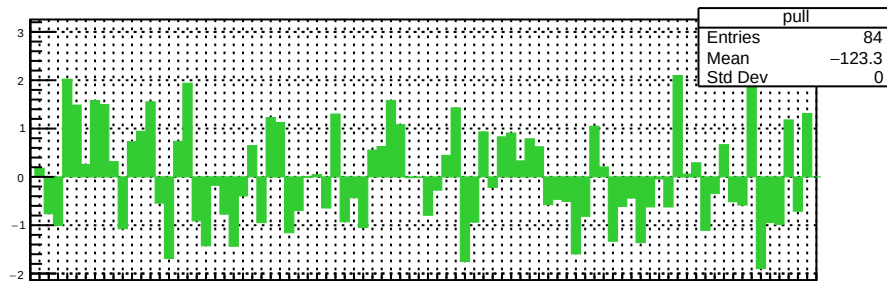
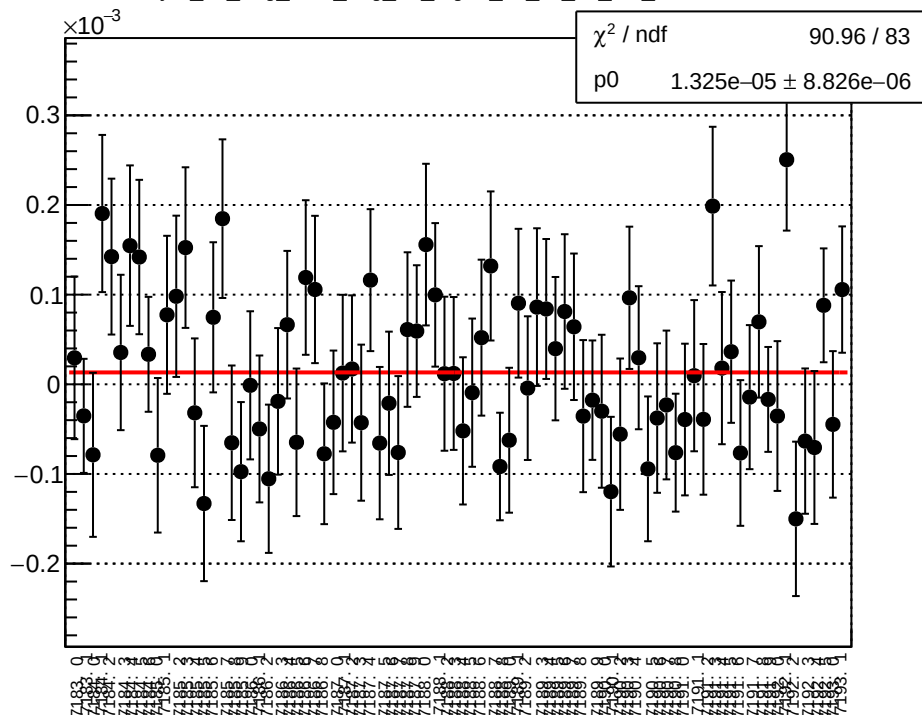
asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs run



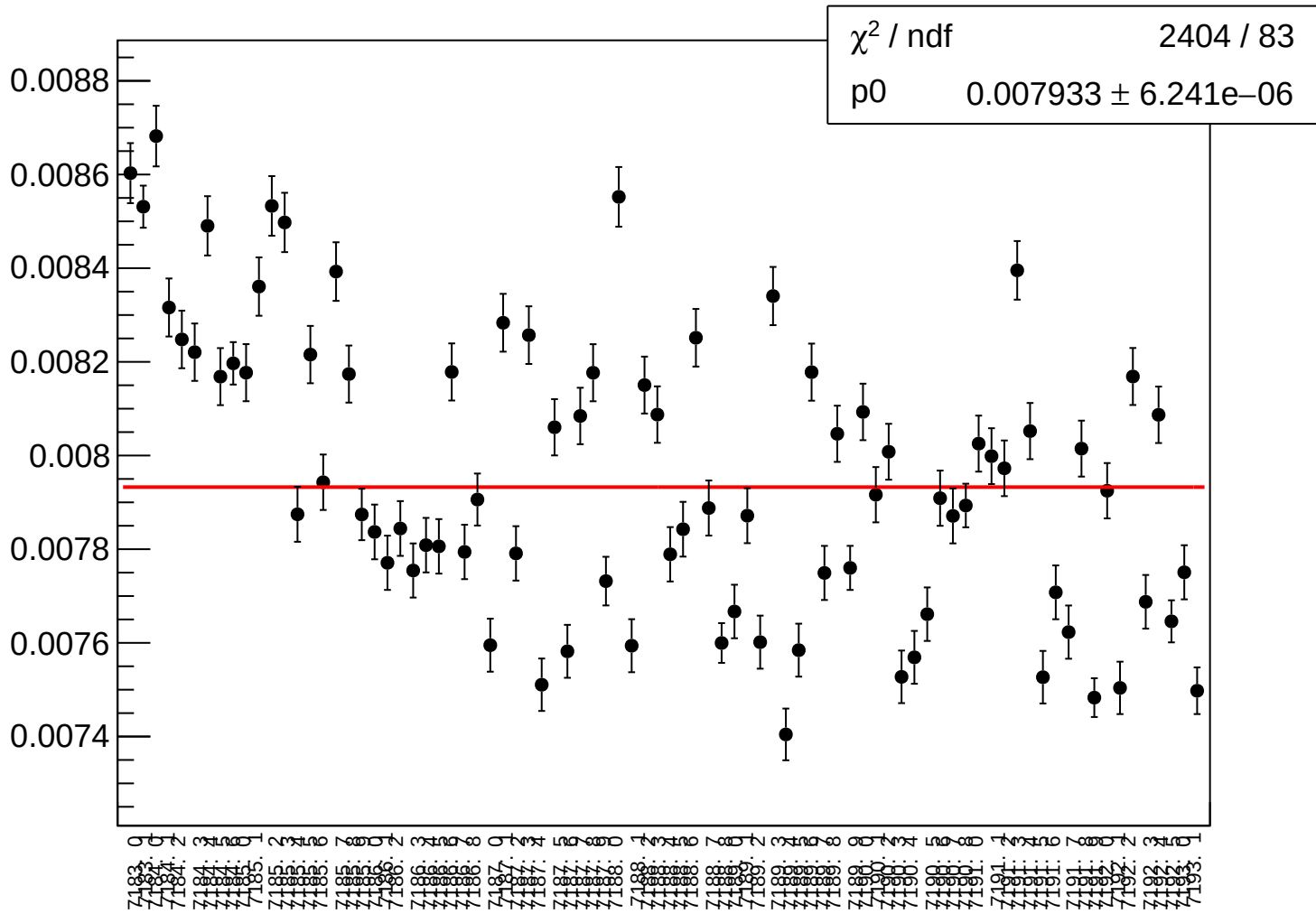
asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs run



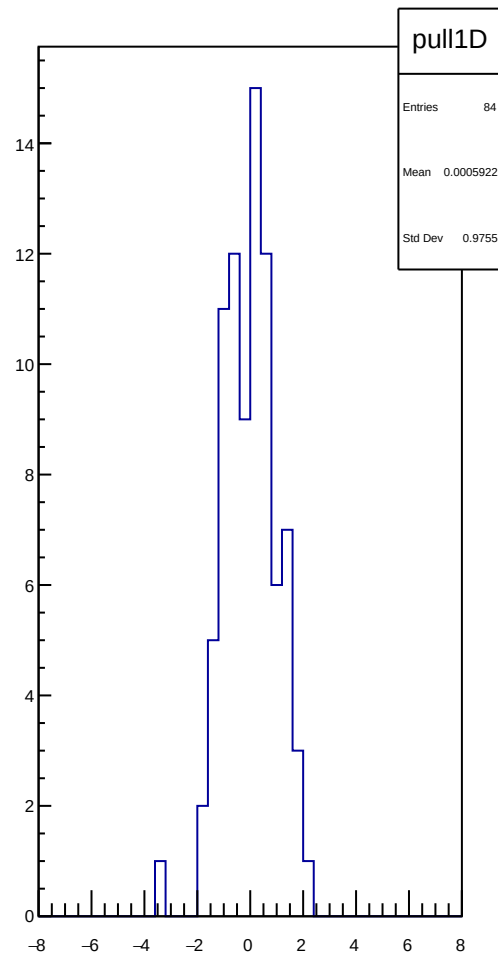
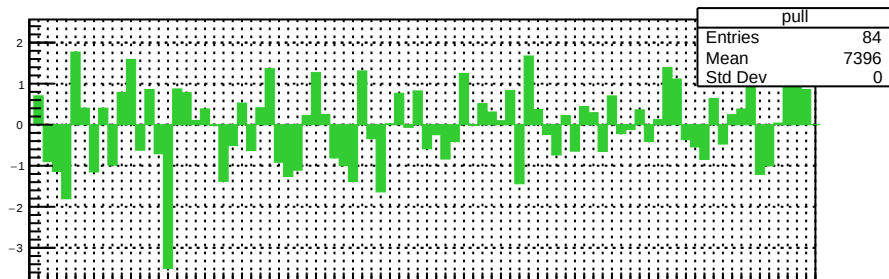
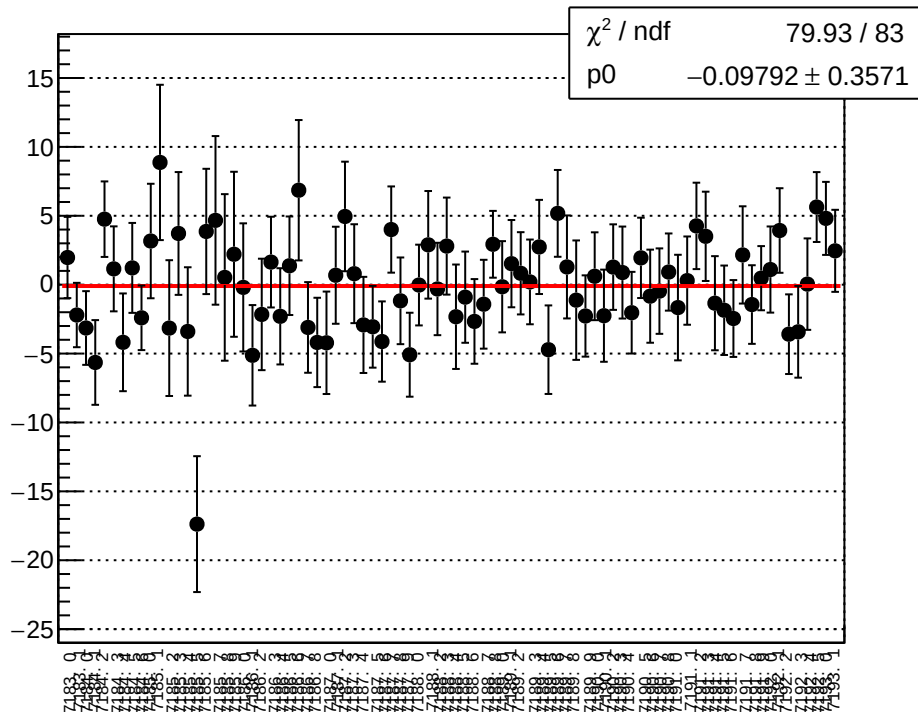
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs run



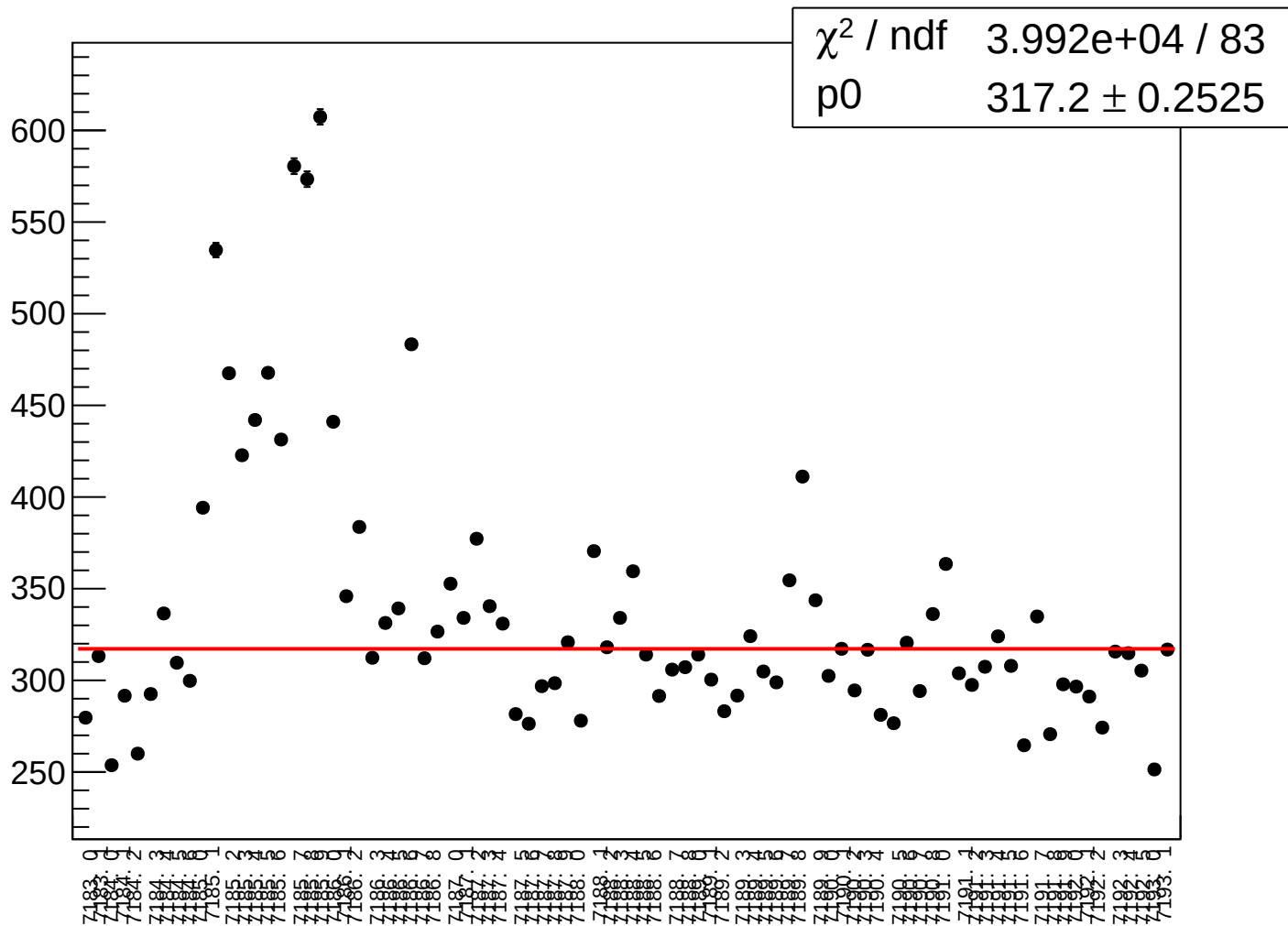
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs run



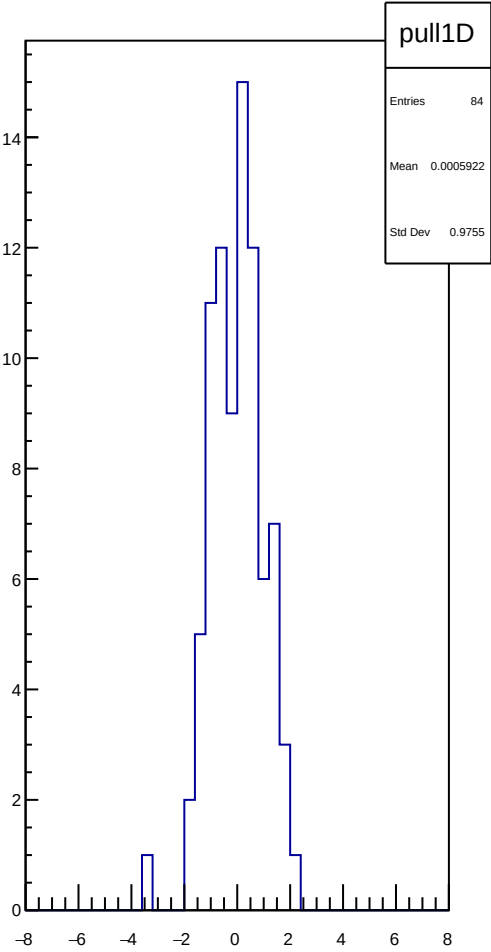
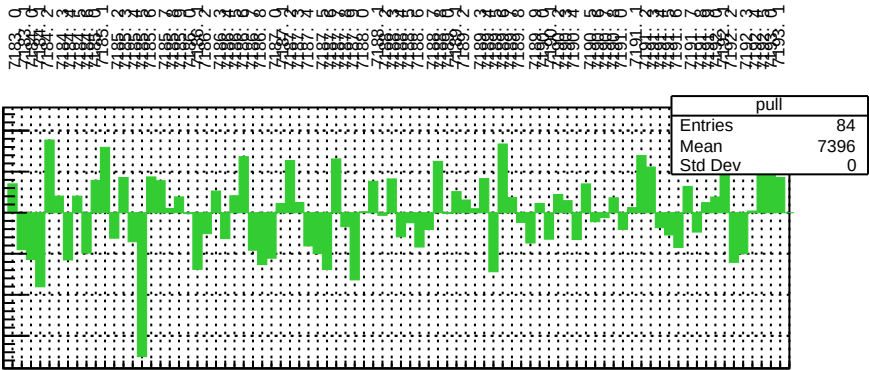
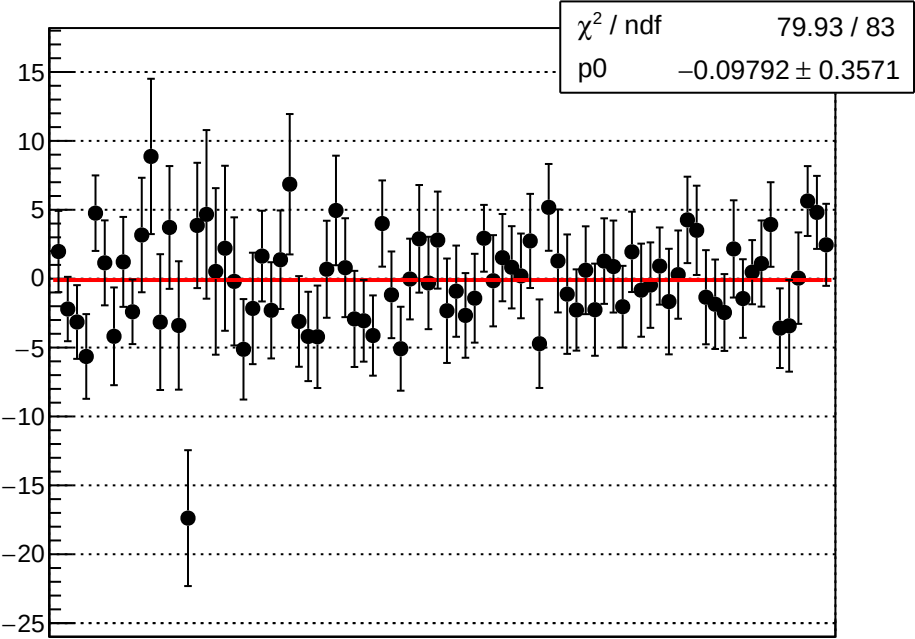
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs run



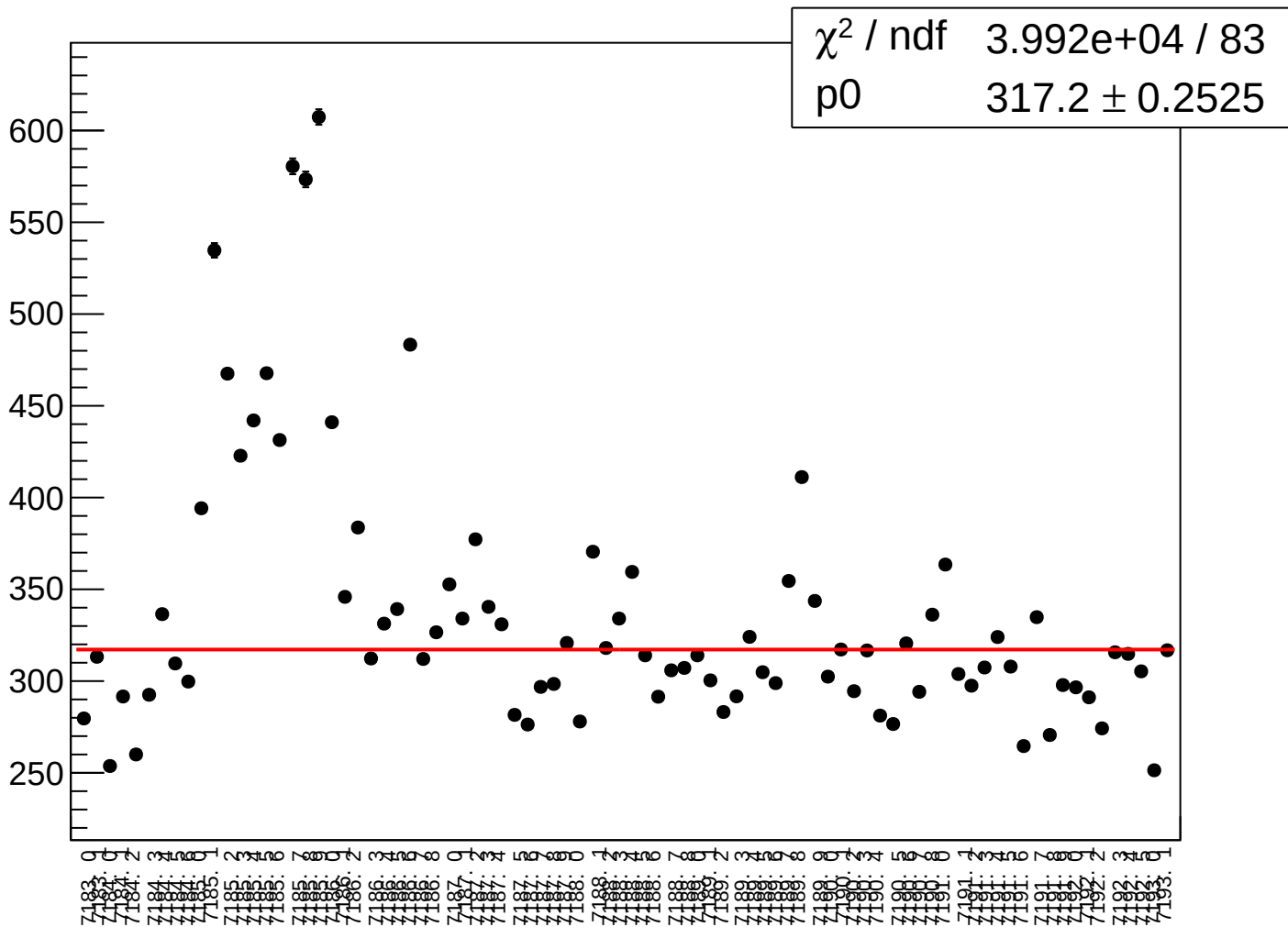
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs run



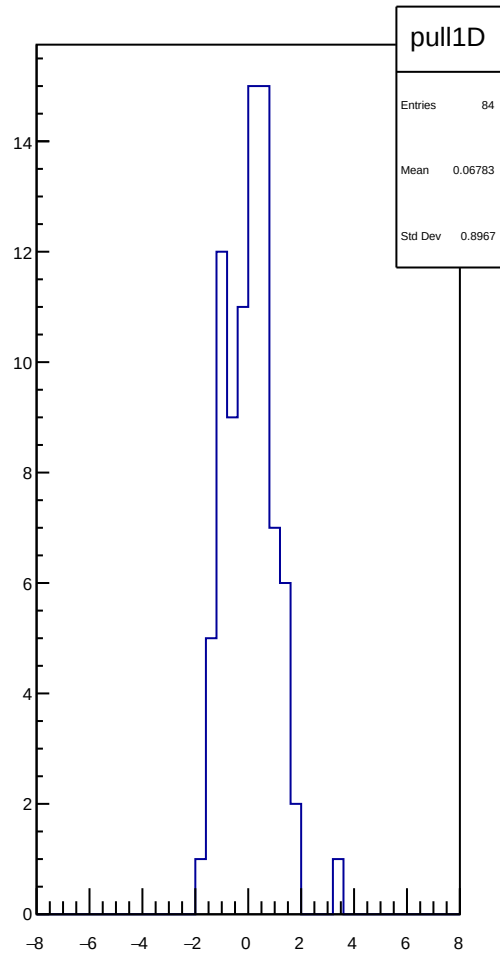
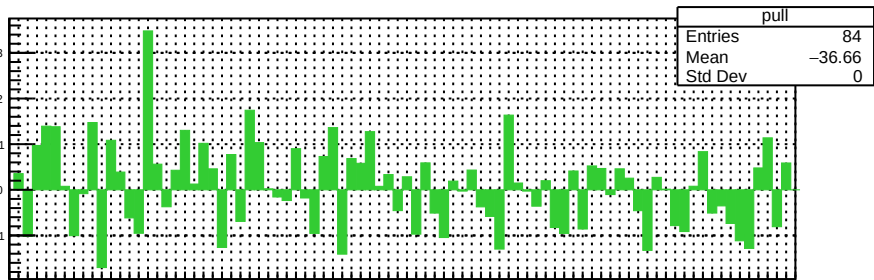
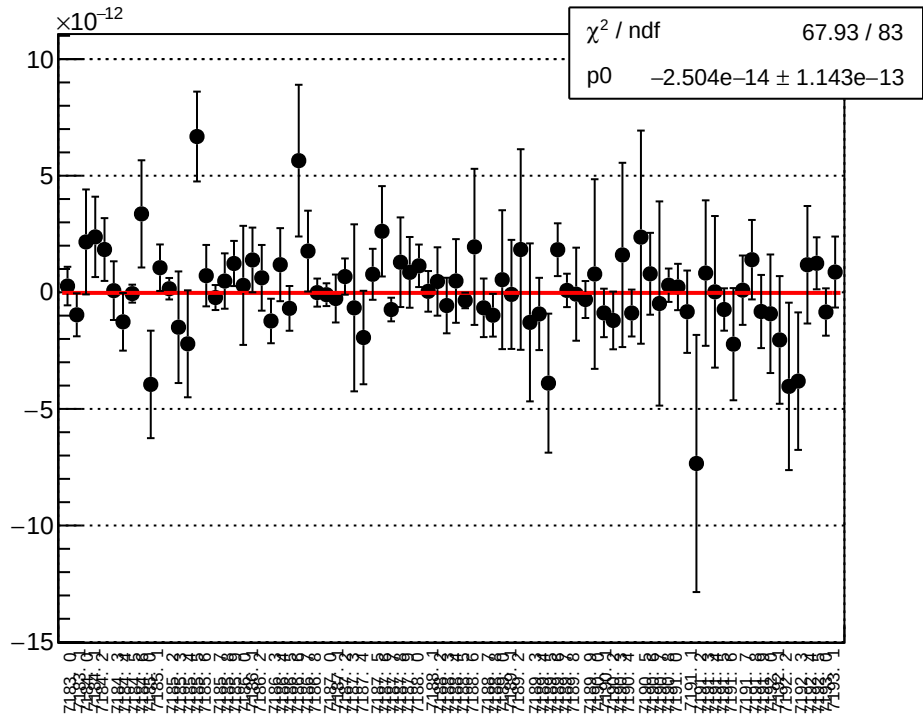
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



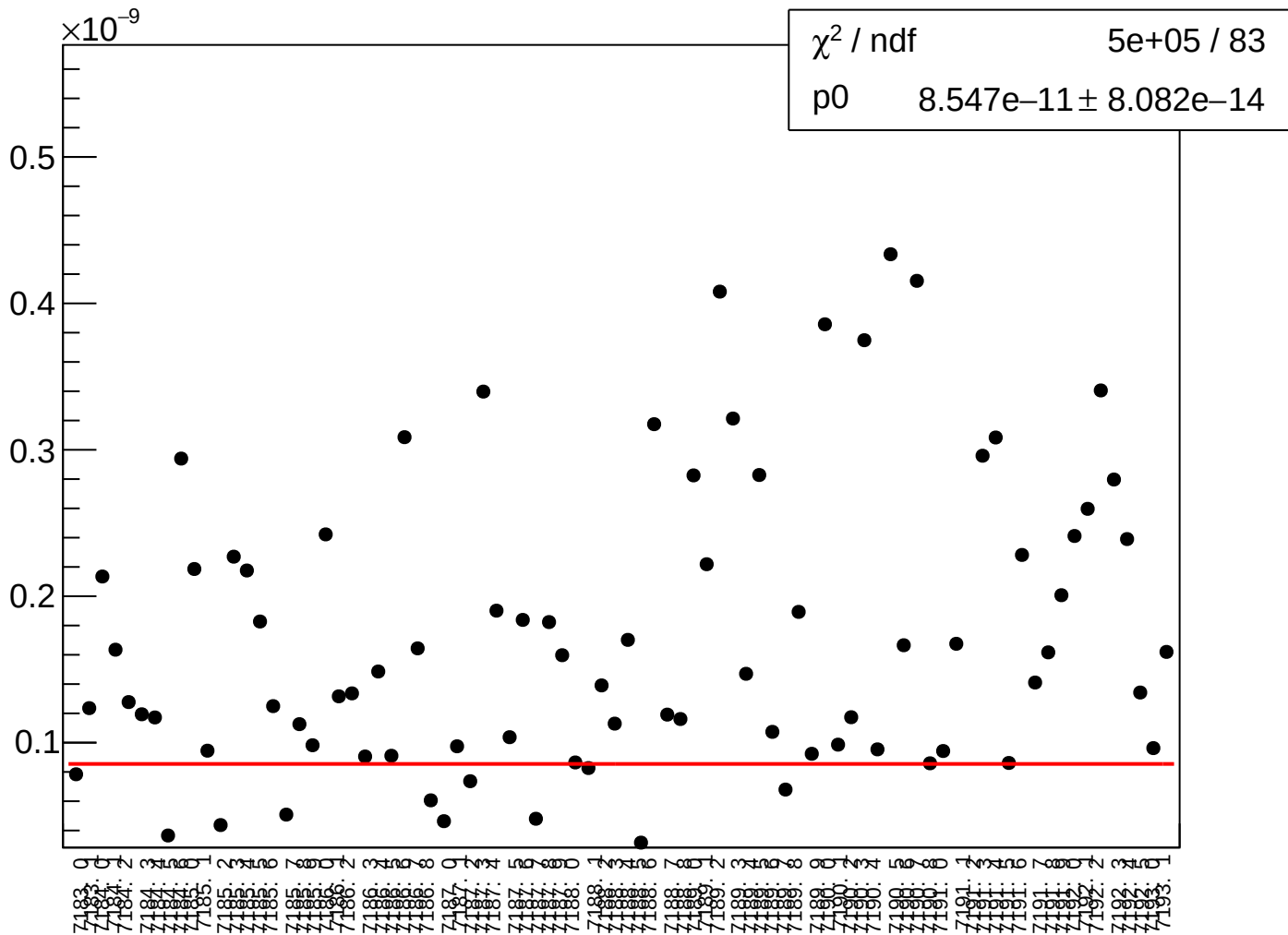
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



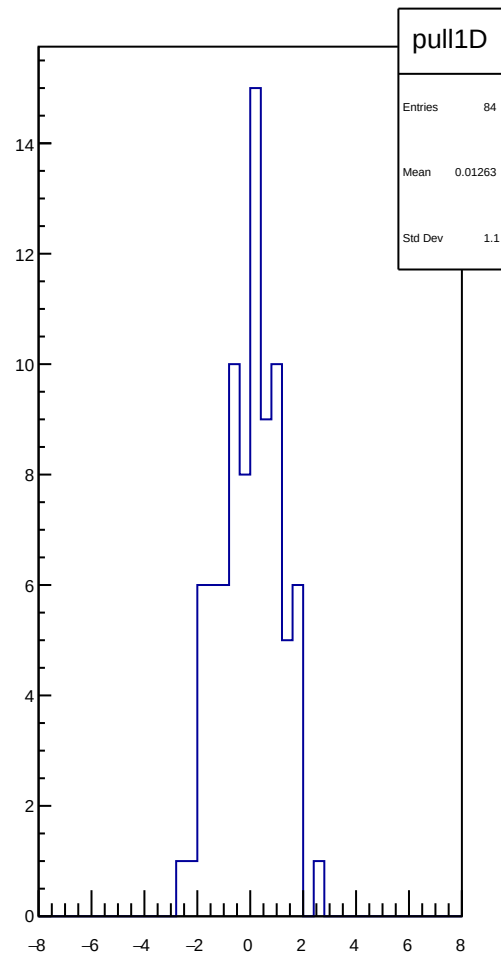
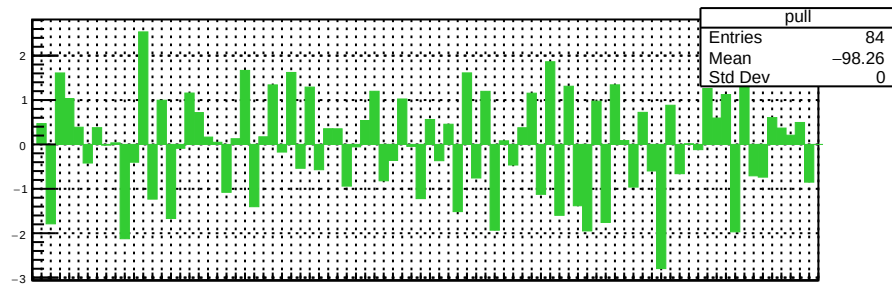
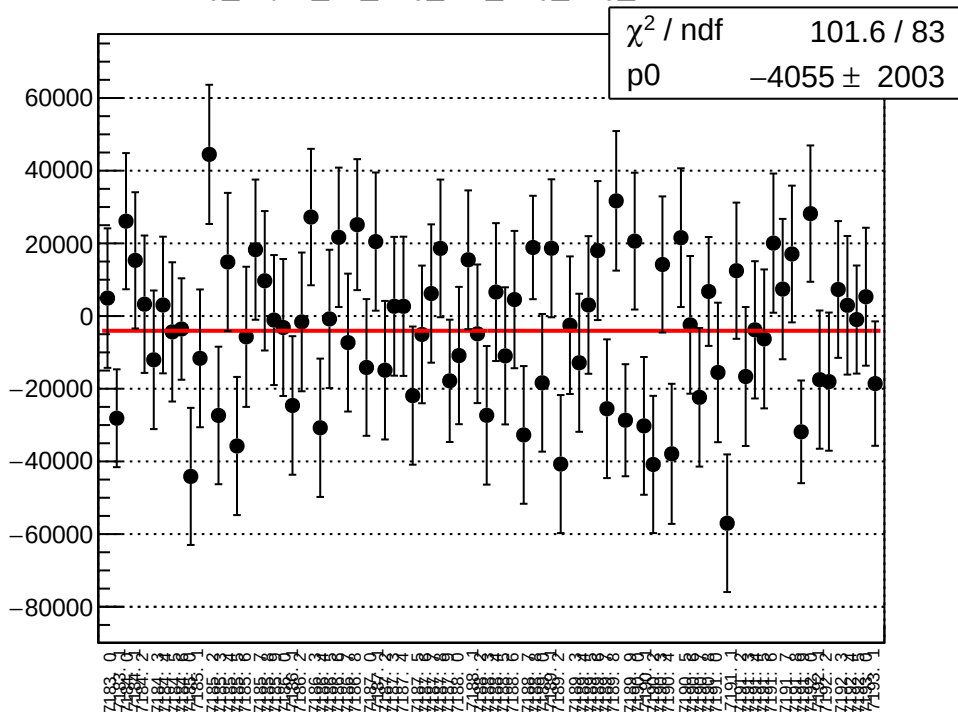
asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs run



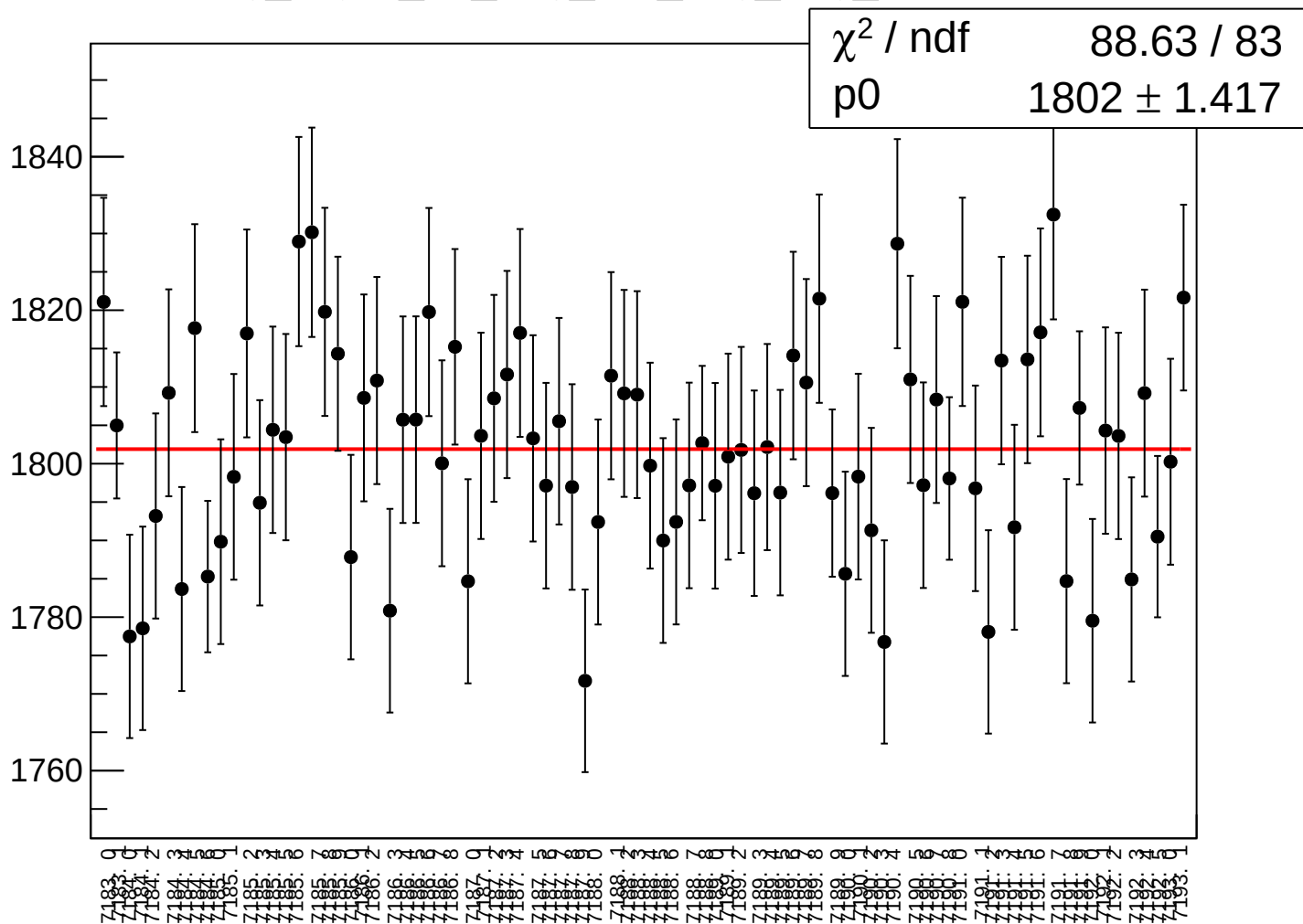
asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs run



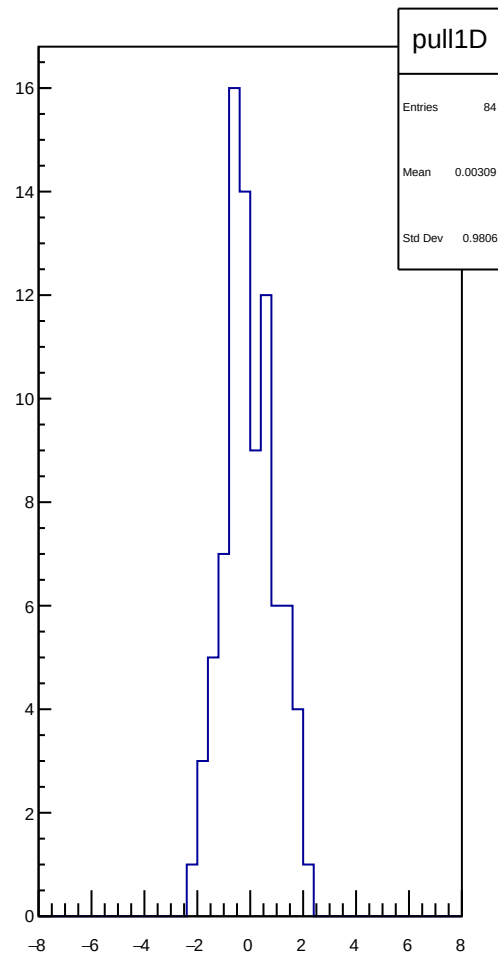
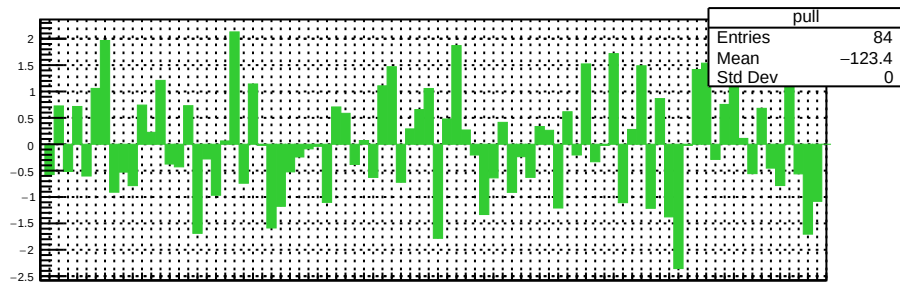
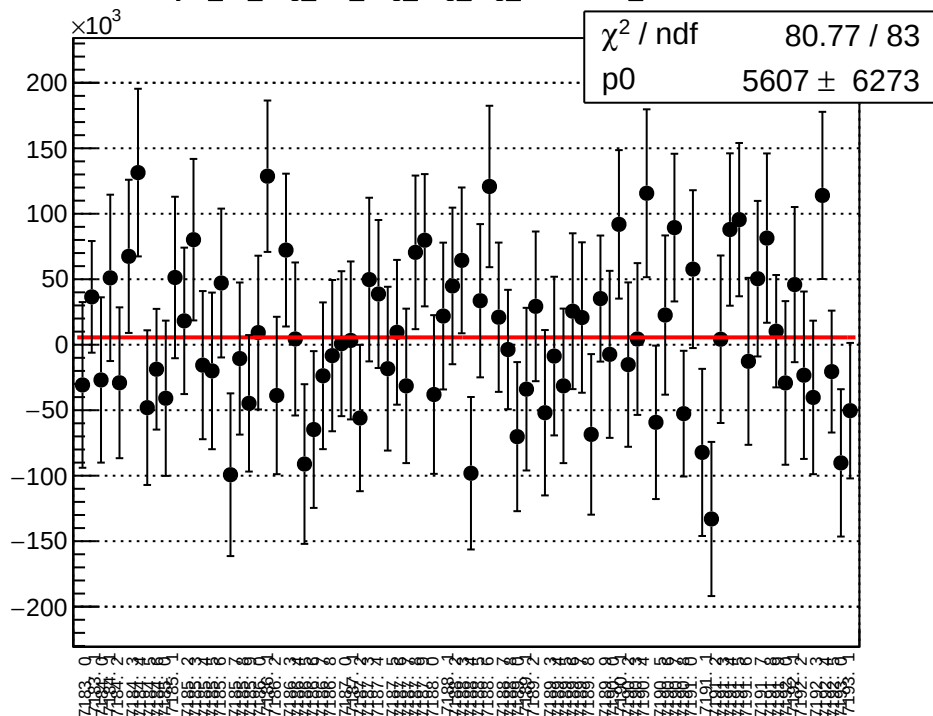
reg_asym_us_avg_atlr_avg_avg_mean vs run



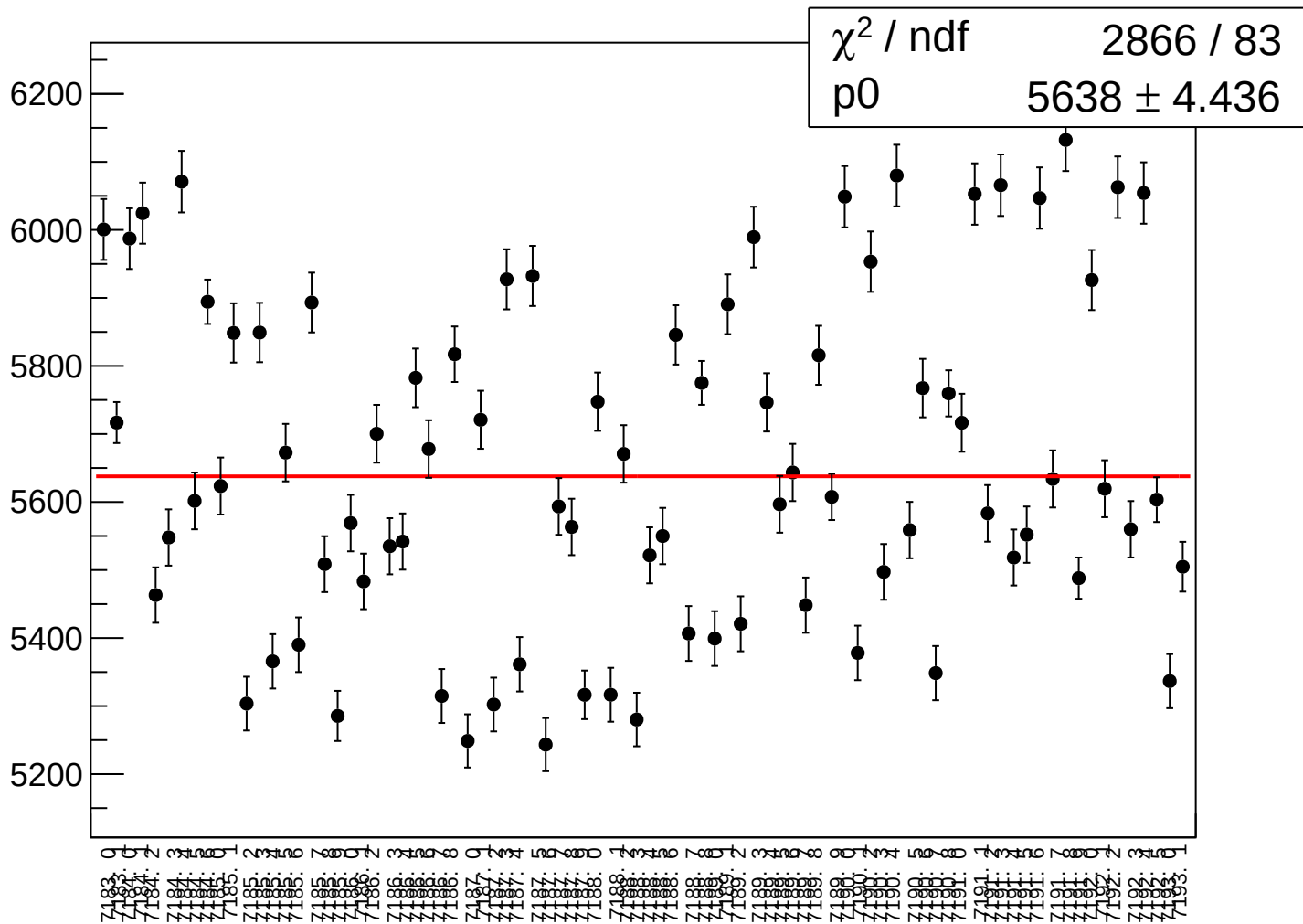
reg_asym_us_avg_atlr_avg_avg_rms vs run



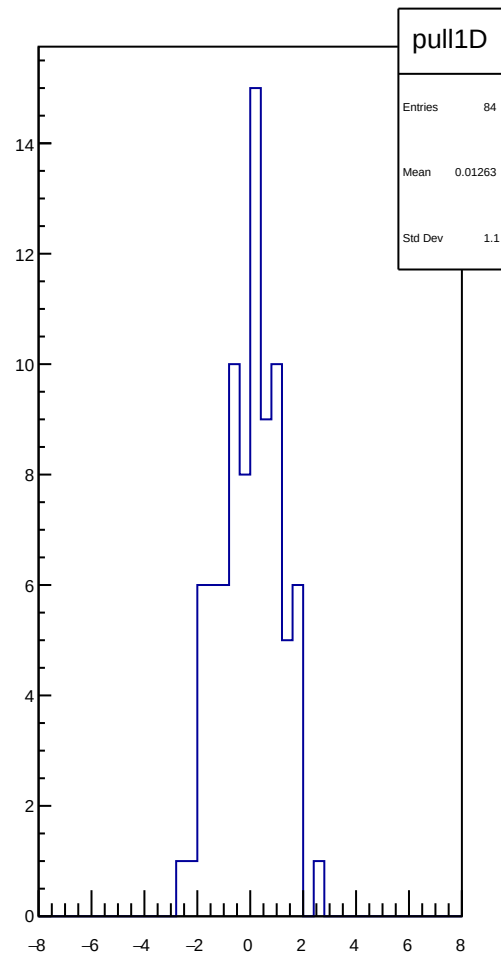
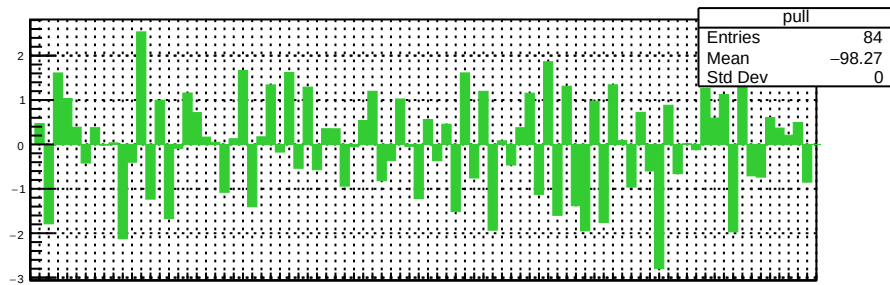
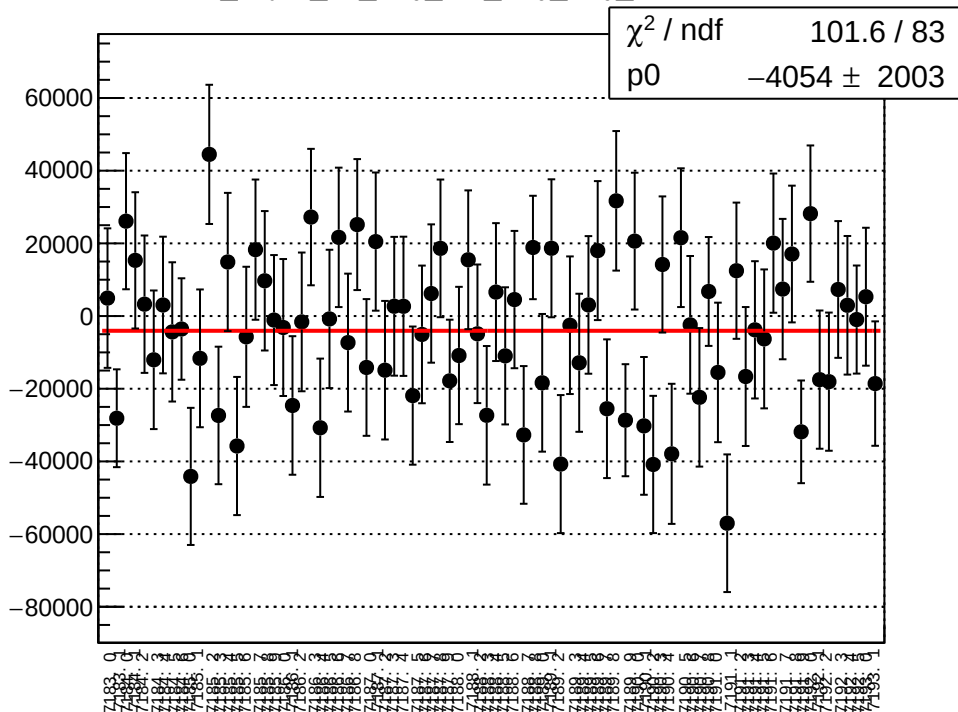
asym_us_avg_atlr_avg_avg_reg_correction_mean vs run



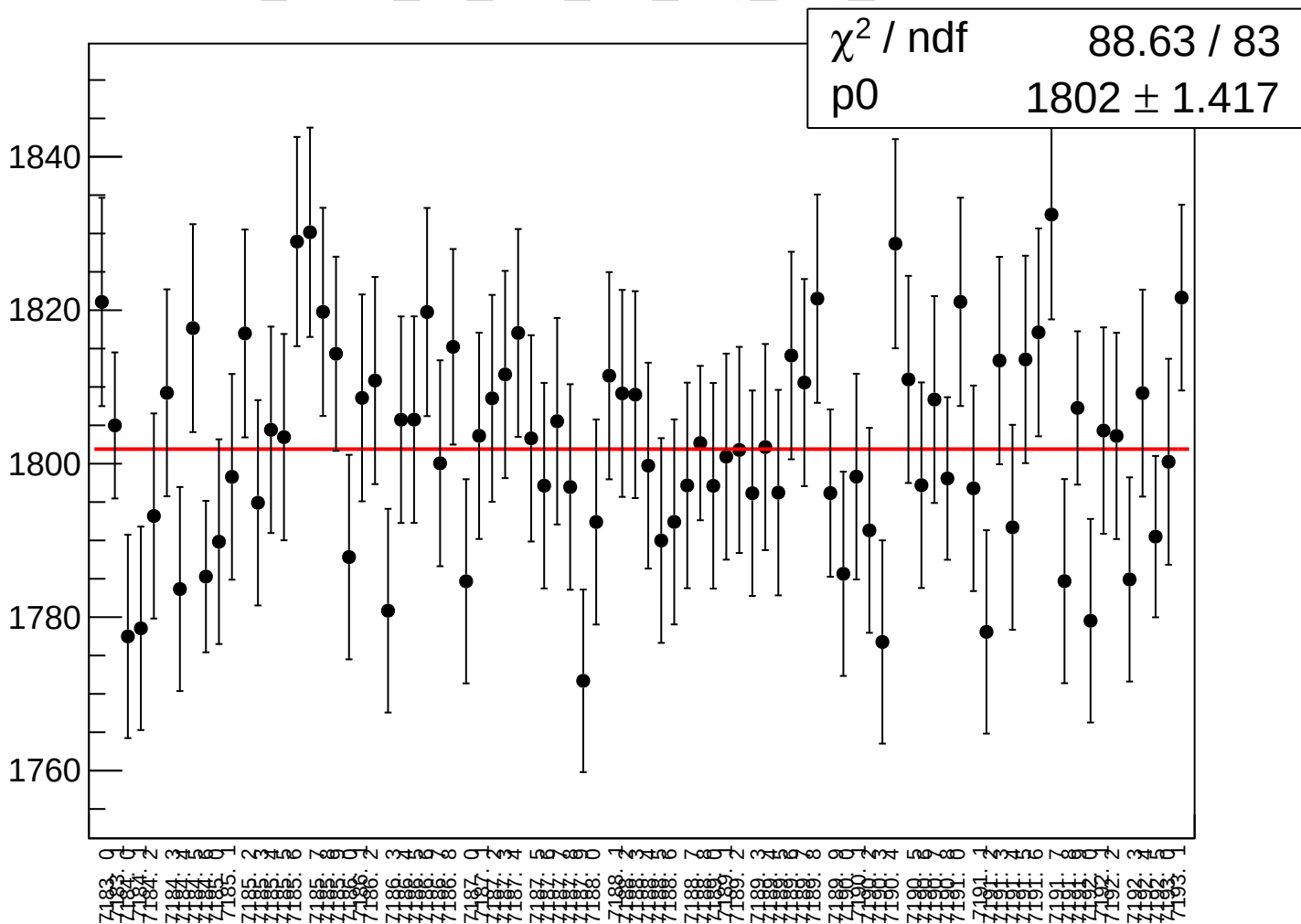
asym_us_avg_atlr_avg_avg_reg_correction_rms vs run



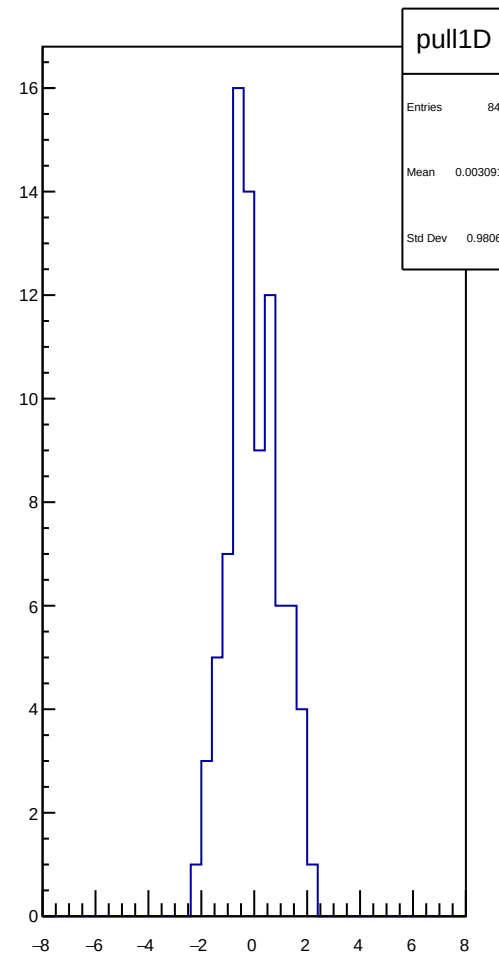
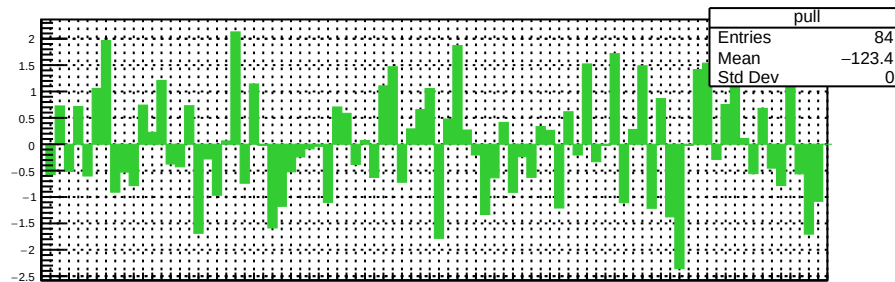
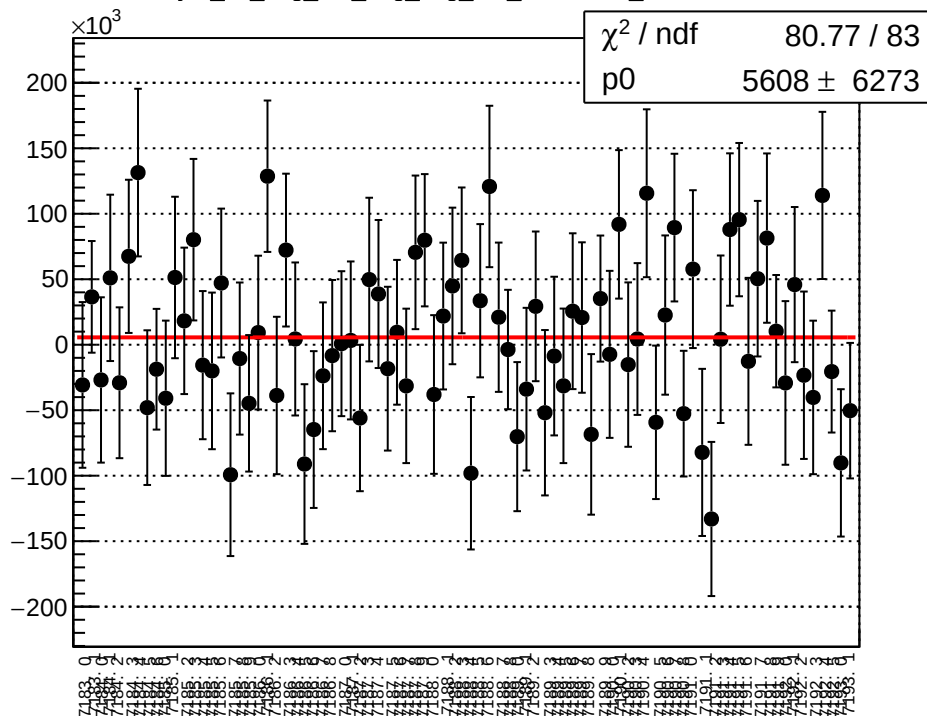
cor_asym_us_avg_atlr_avg_avg_mean vs run



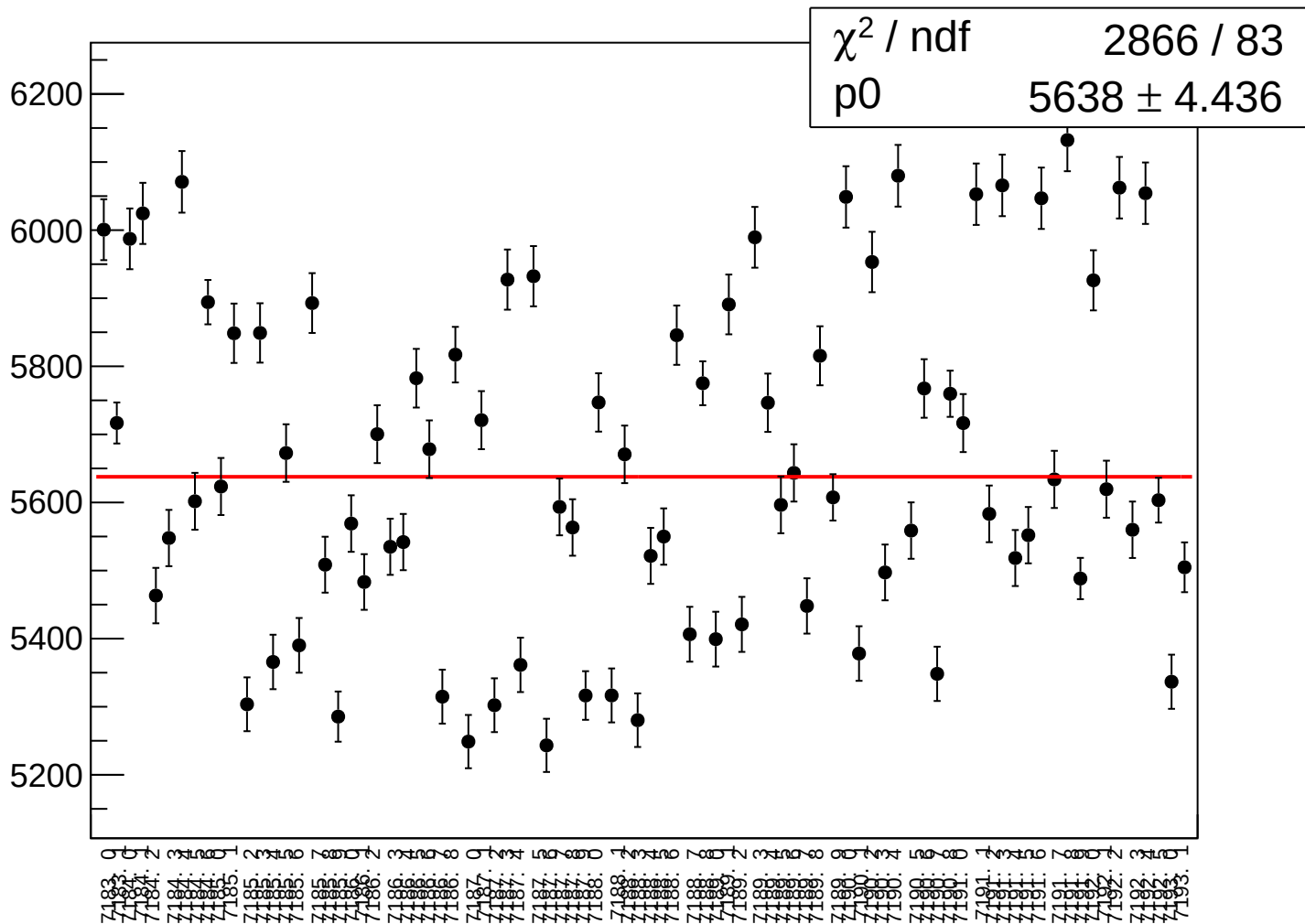
cor_asym_us_avg_atlr_avg_avg_rms vs run



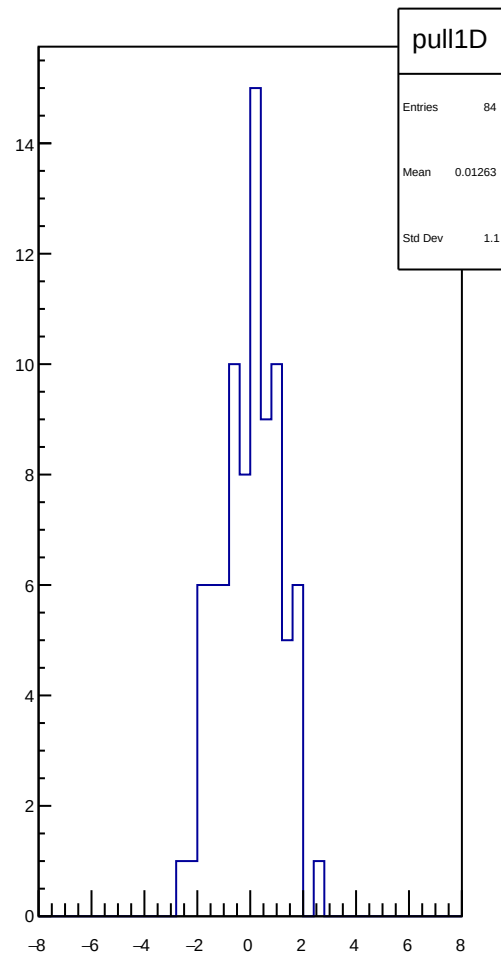
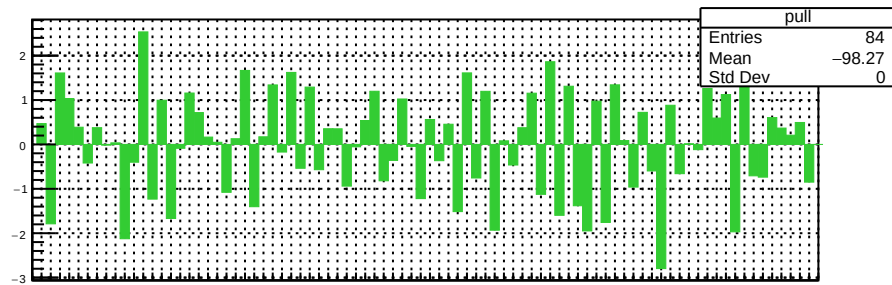
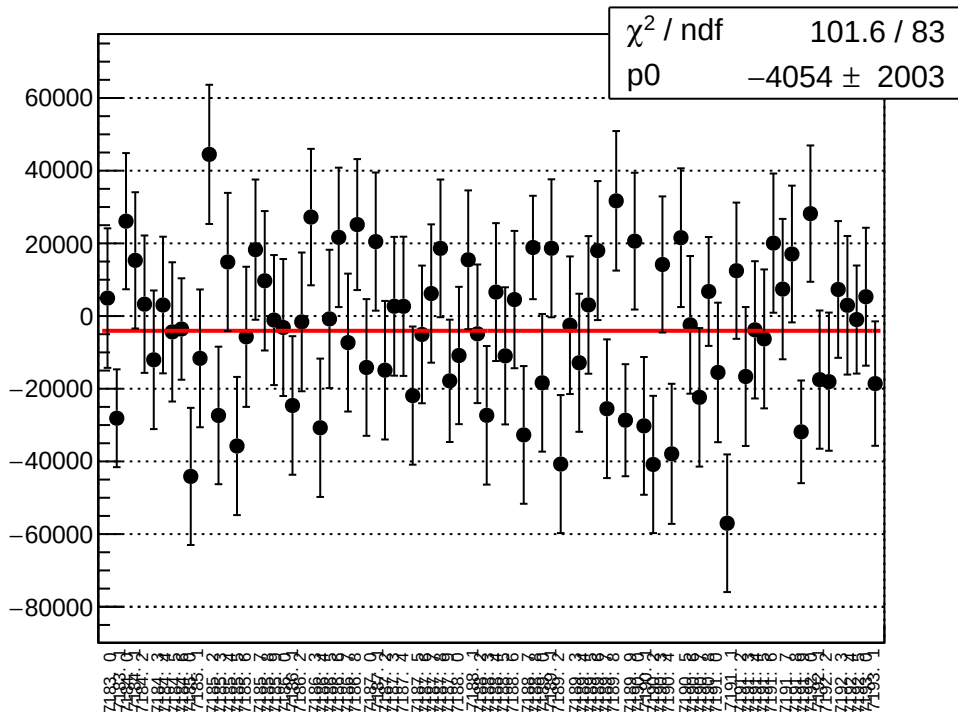
asym_us_avg_atlr_avg_avg_cor_correction_mean vs run



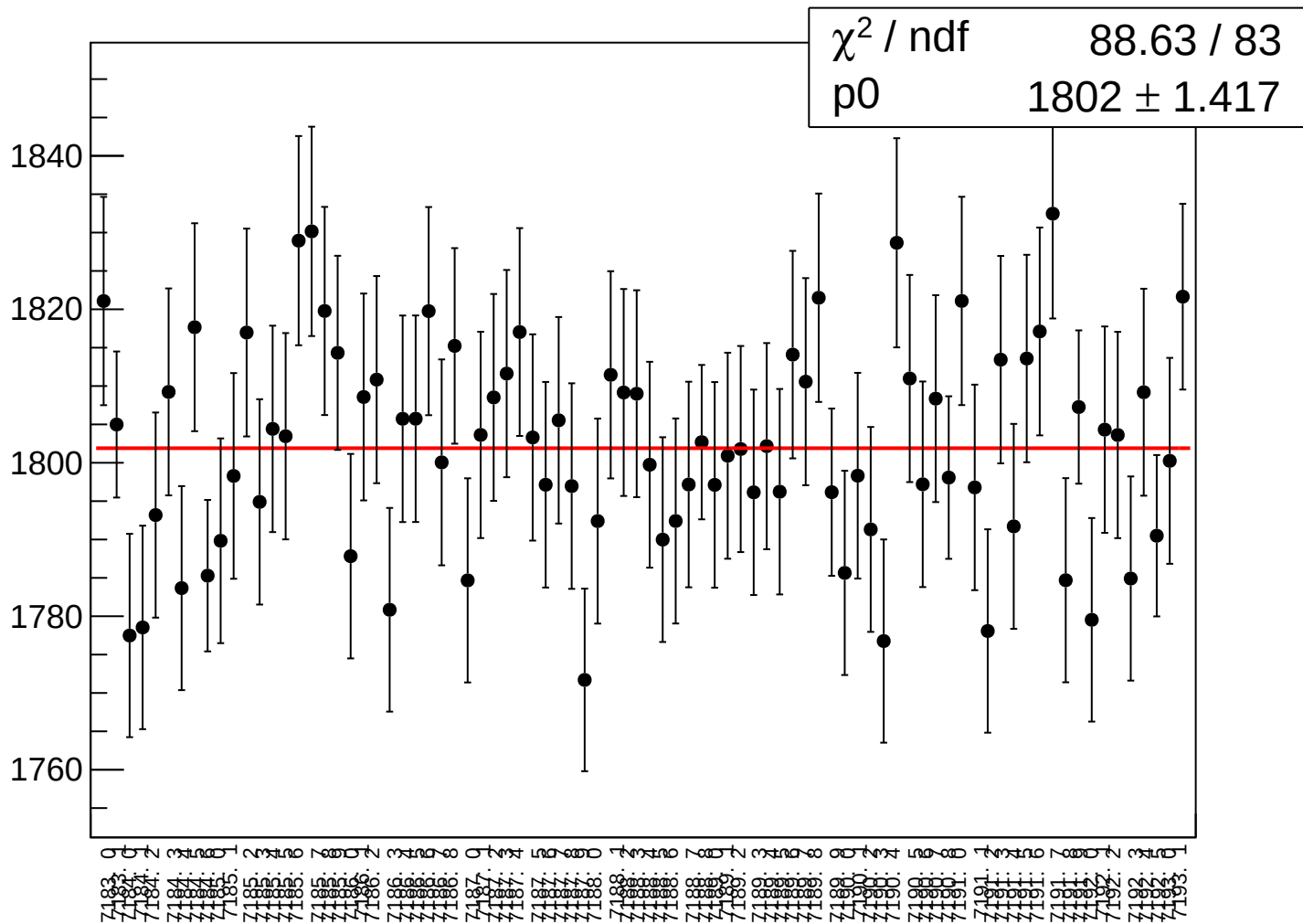
asym_us_avg_atlr_avg_avg_cor_correction_rms vs run



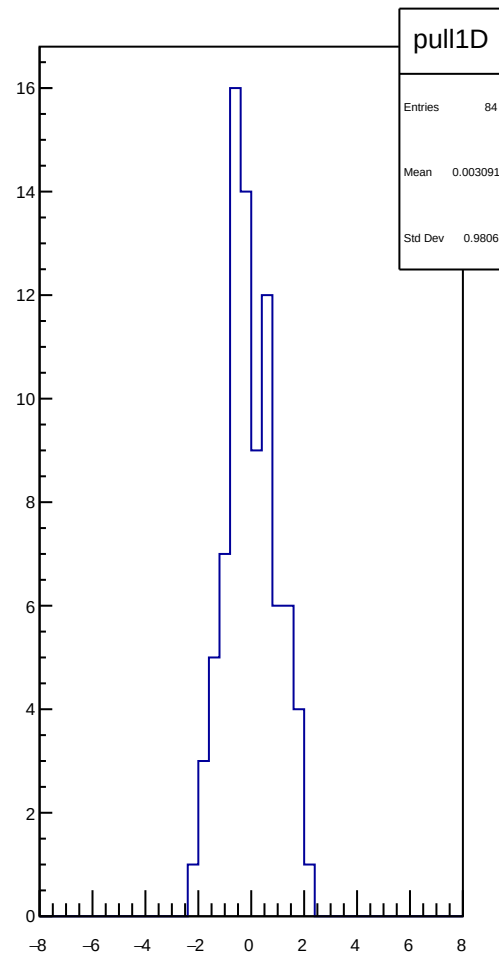
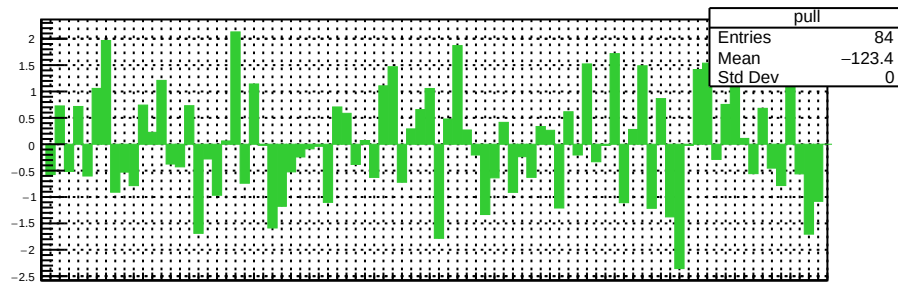
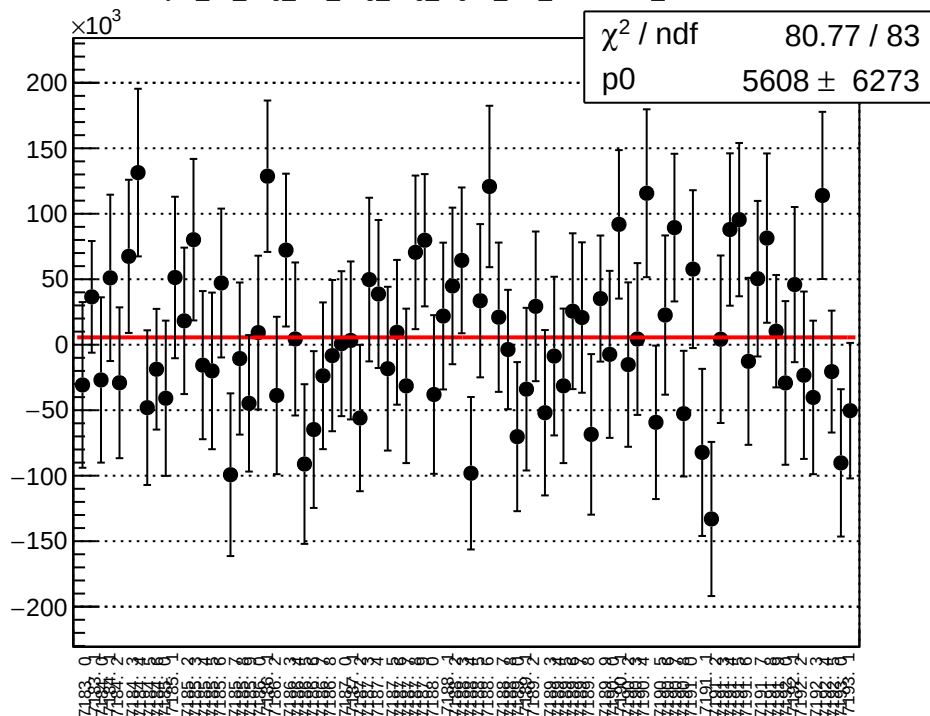
eigen_cor_asym_us_avg_atlr_avg_avg_mean vs run



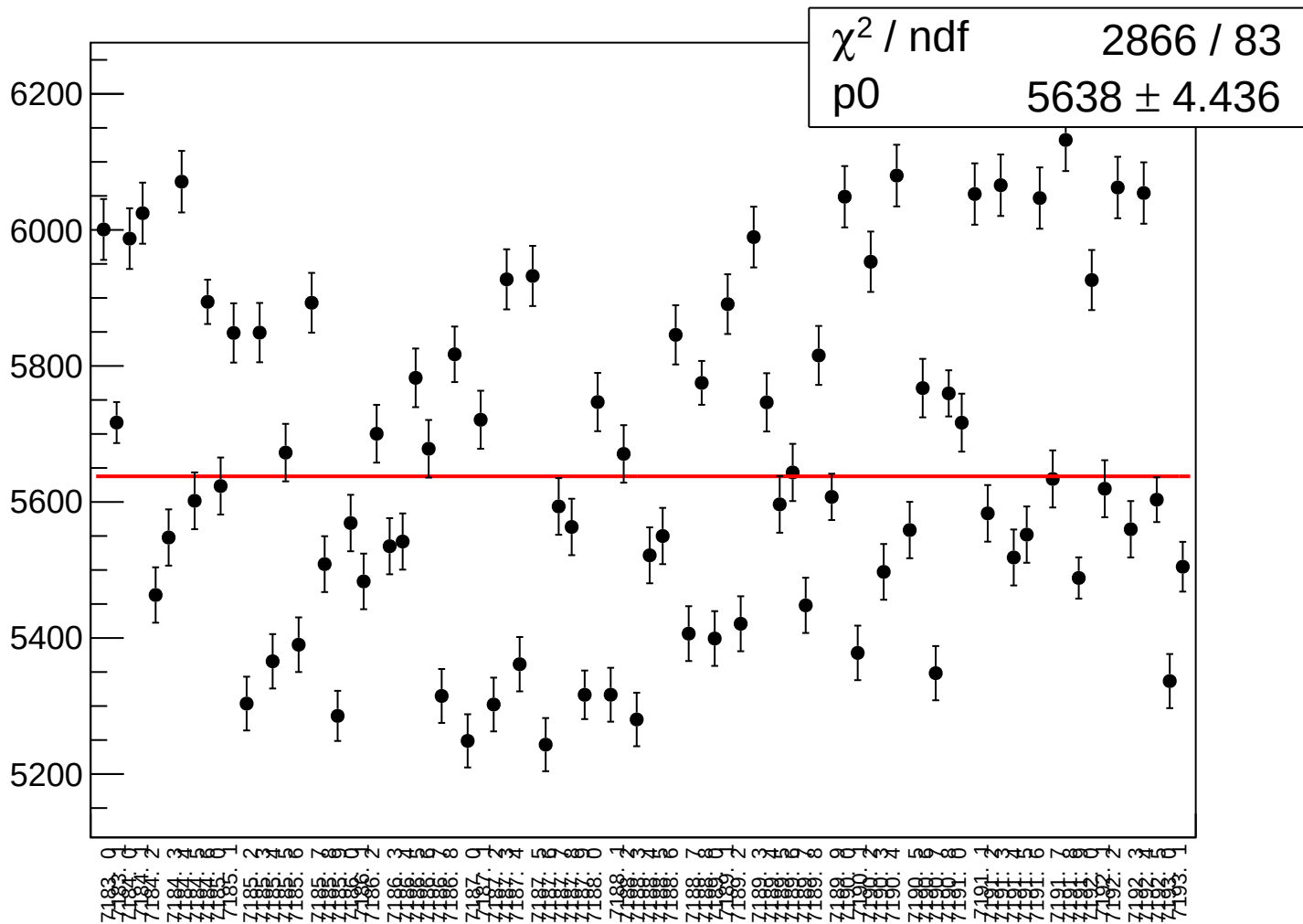
eigen_cor_asym_us_avg_atlr_avg_avg_rms vs run



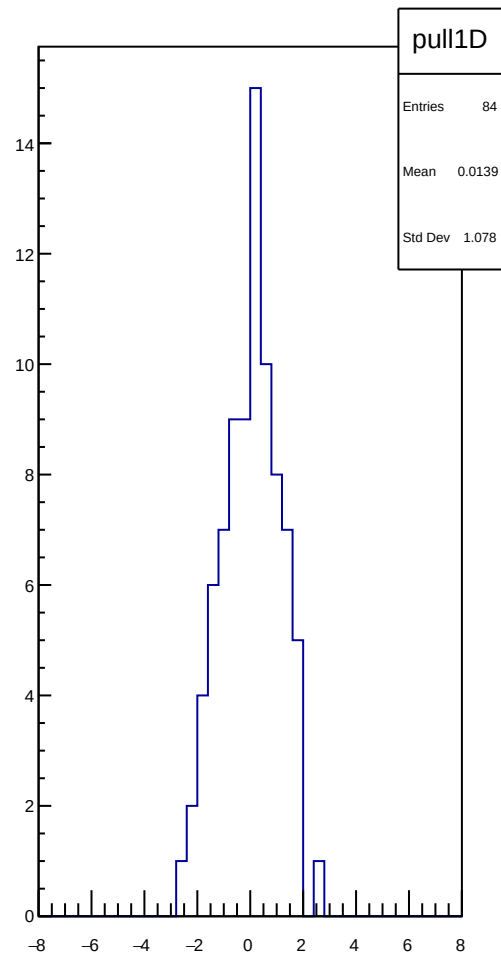
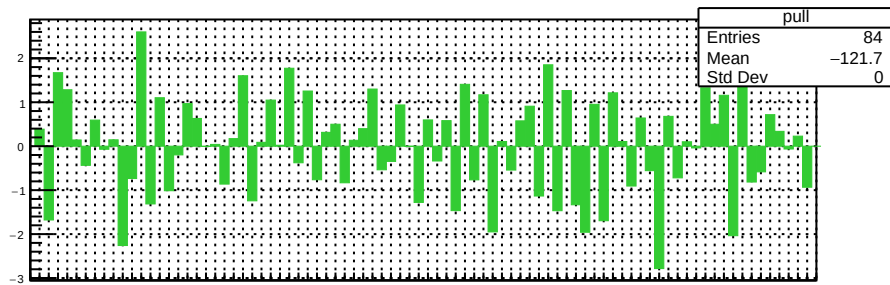
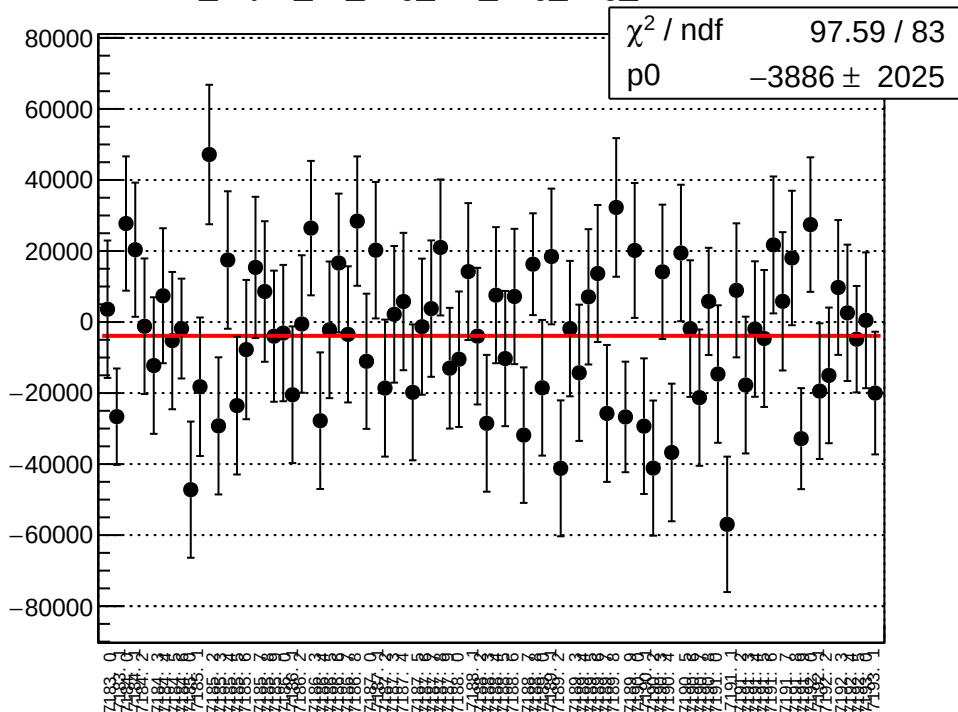
asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs run



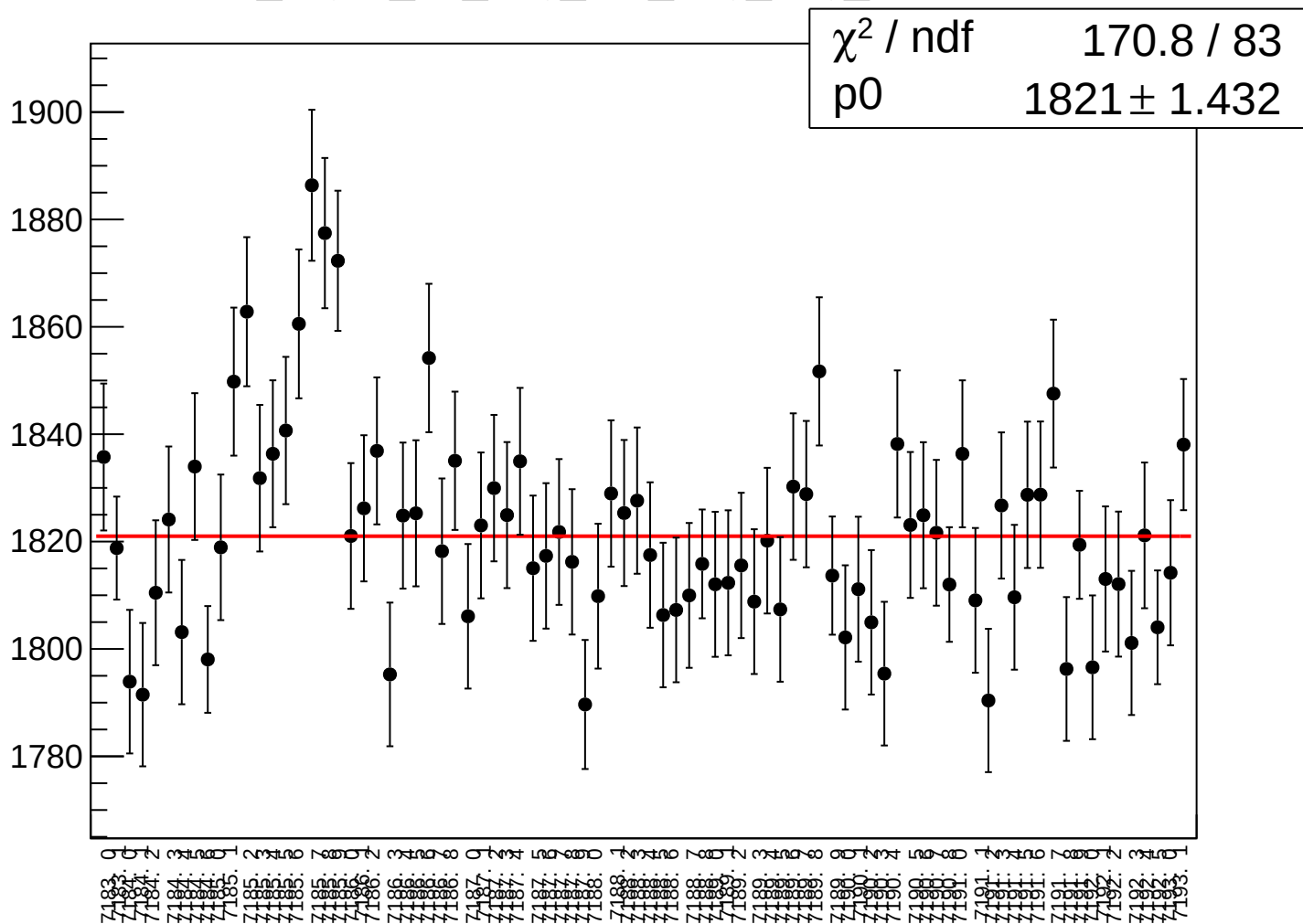
asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs run



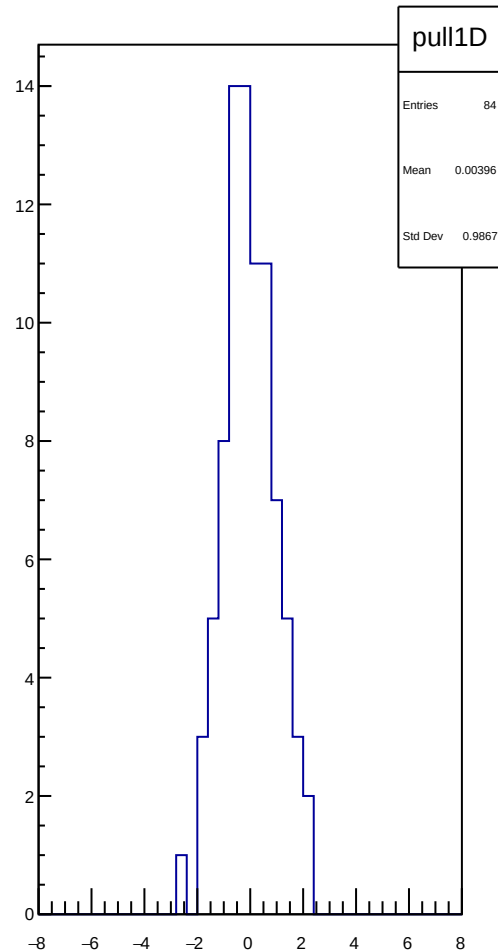
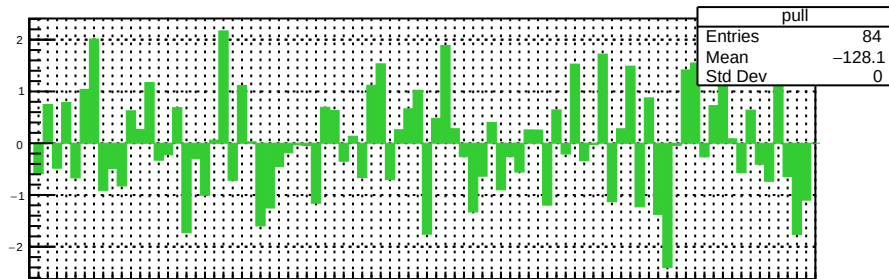
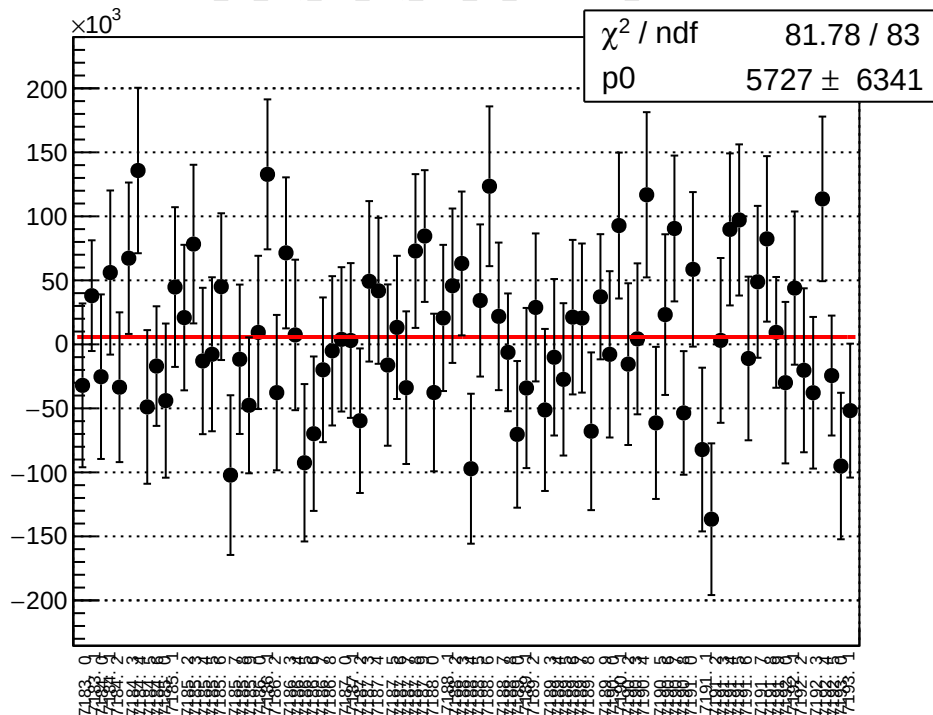
dit_asym_us_avg_atlr_avg_avg_mean vs run



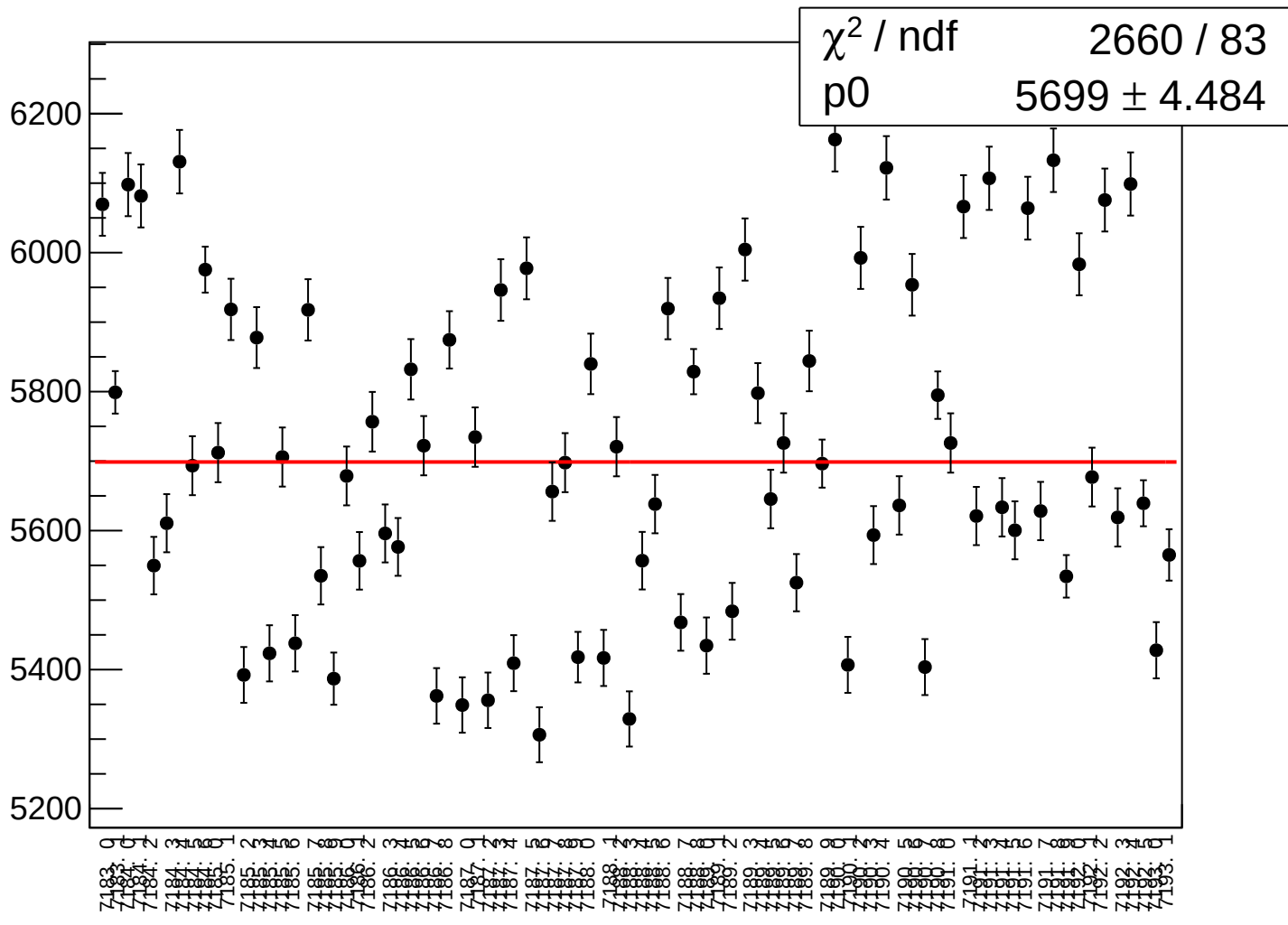
dit_asym_us_avg_atlr_avg_avg_rms vs run



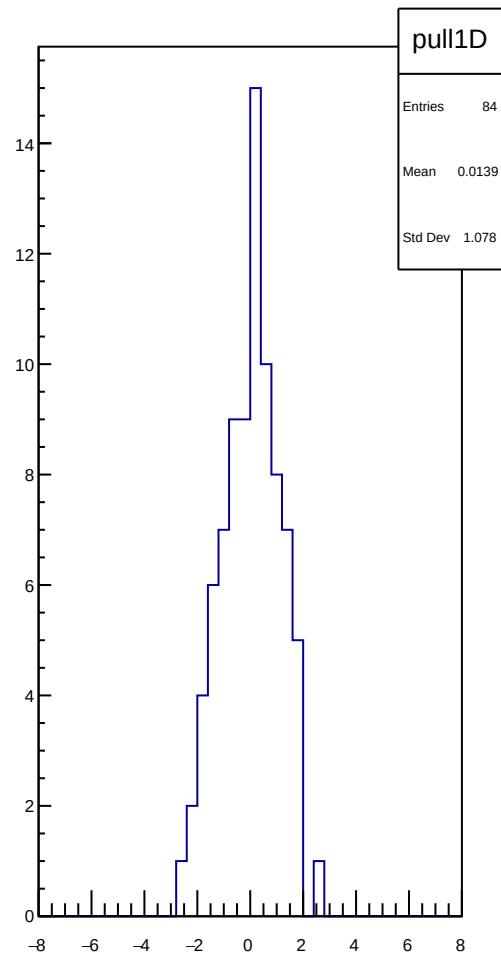
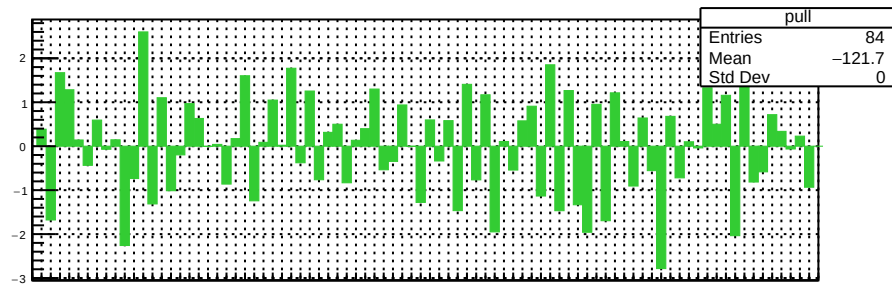
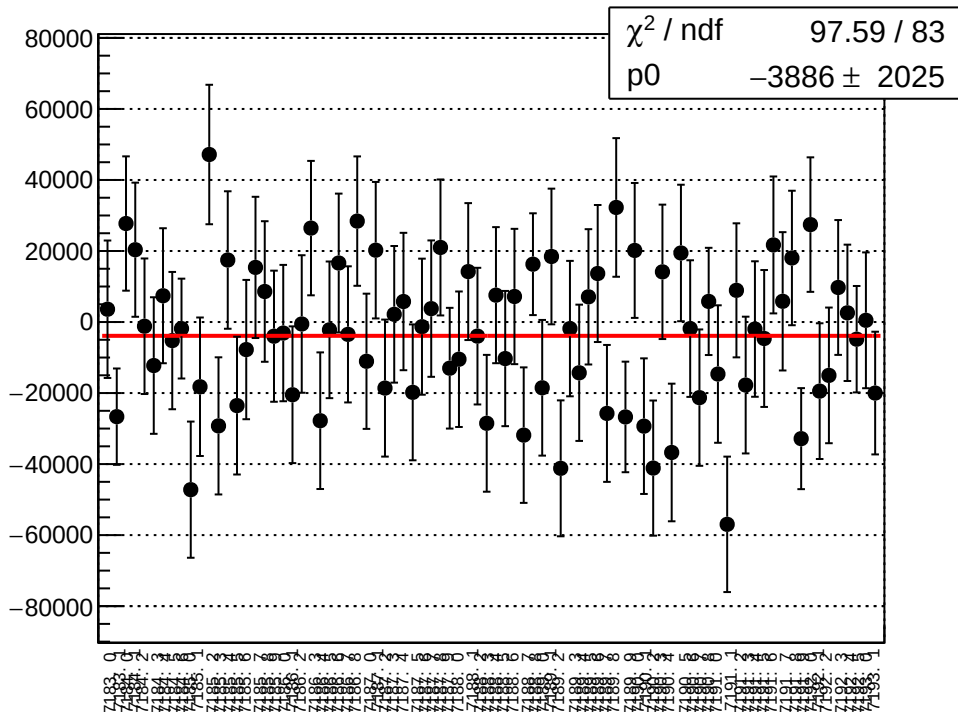
asym_us_avg_atlr_avg_avg_dit_correction_mean vs run



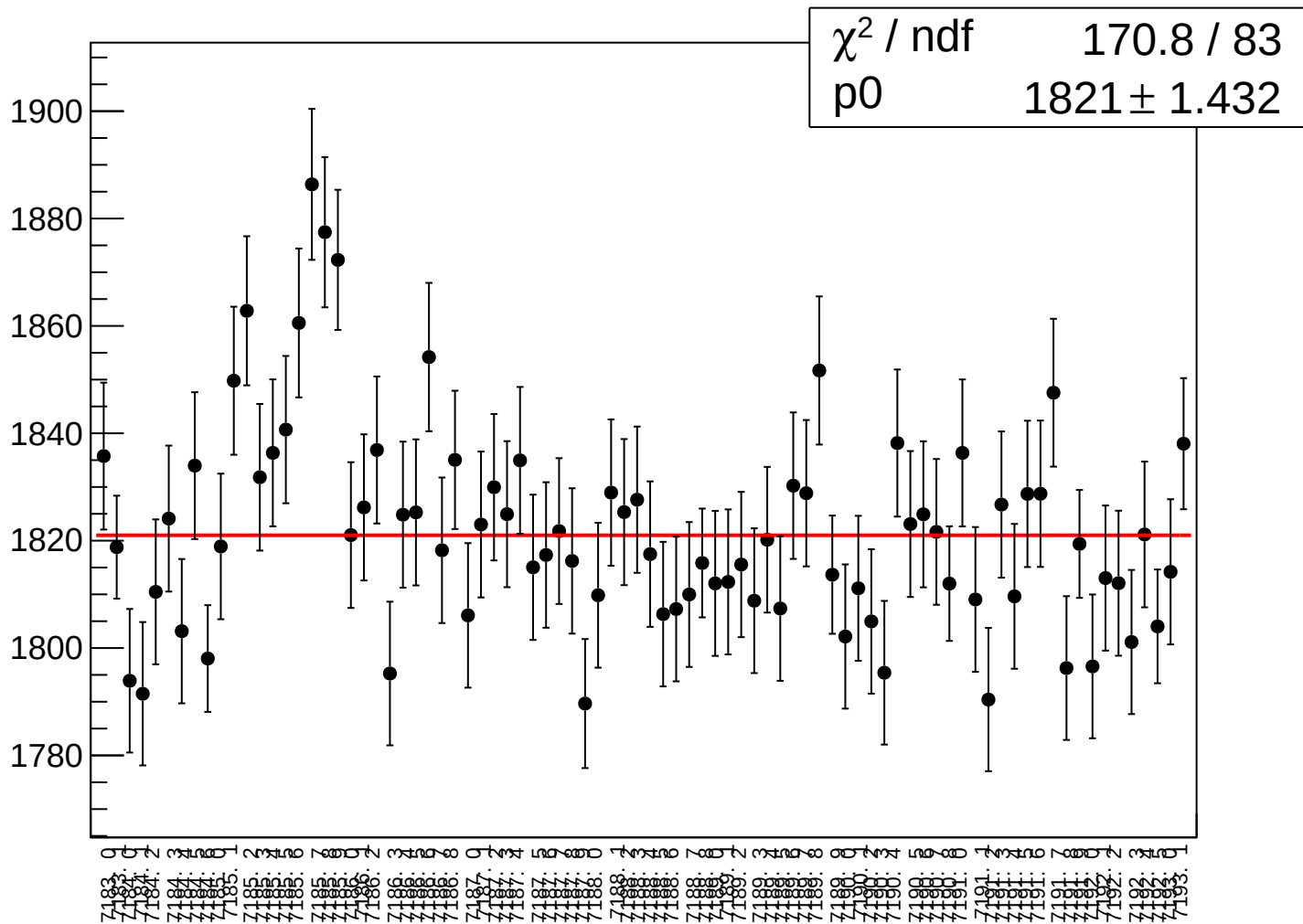
asym_us_avg_atlr_avg_avg_dit_correction_rms vs run



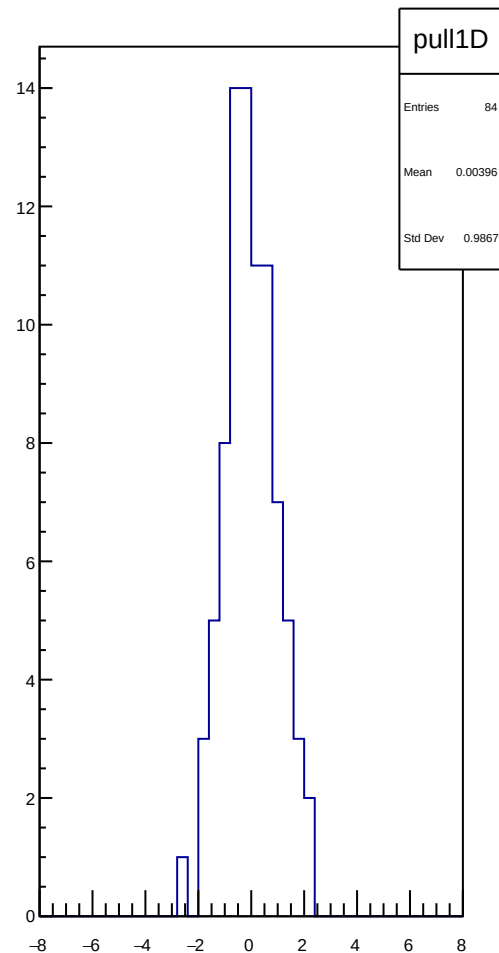
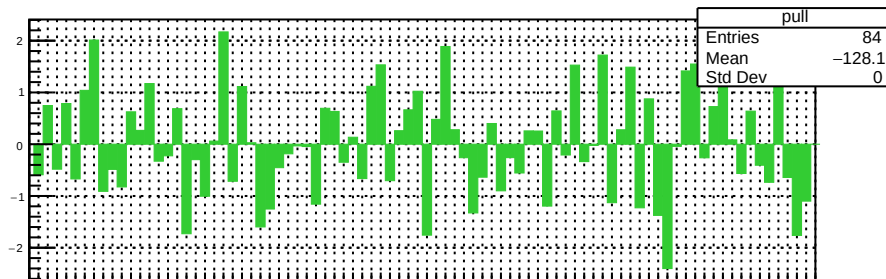
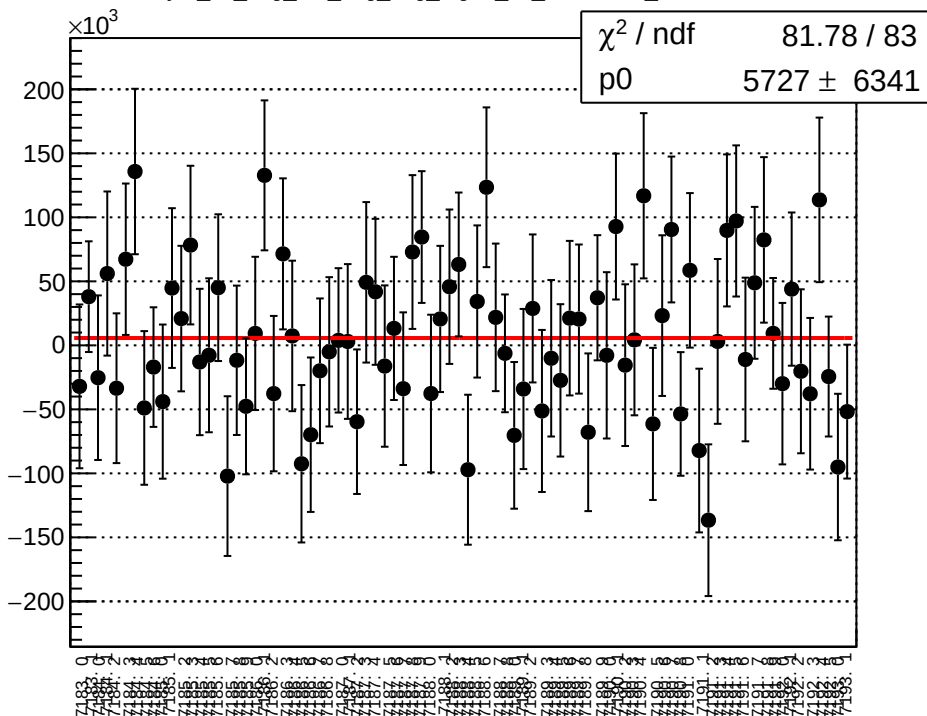
eigen_dit_asym_us_avg_atlr_avg_avg_mean vs run



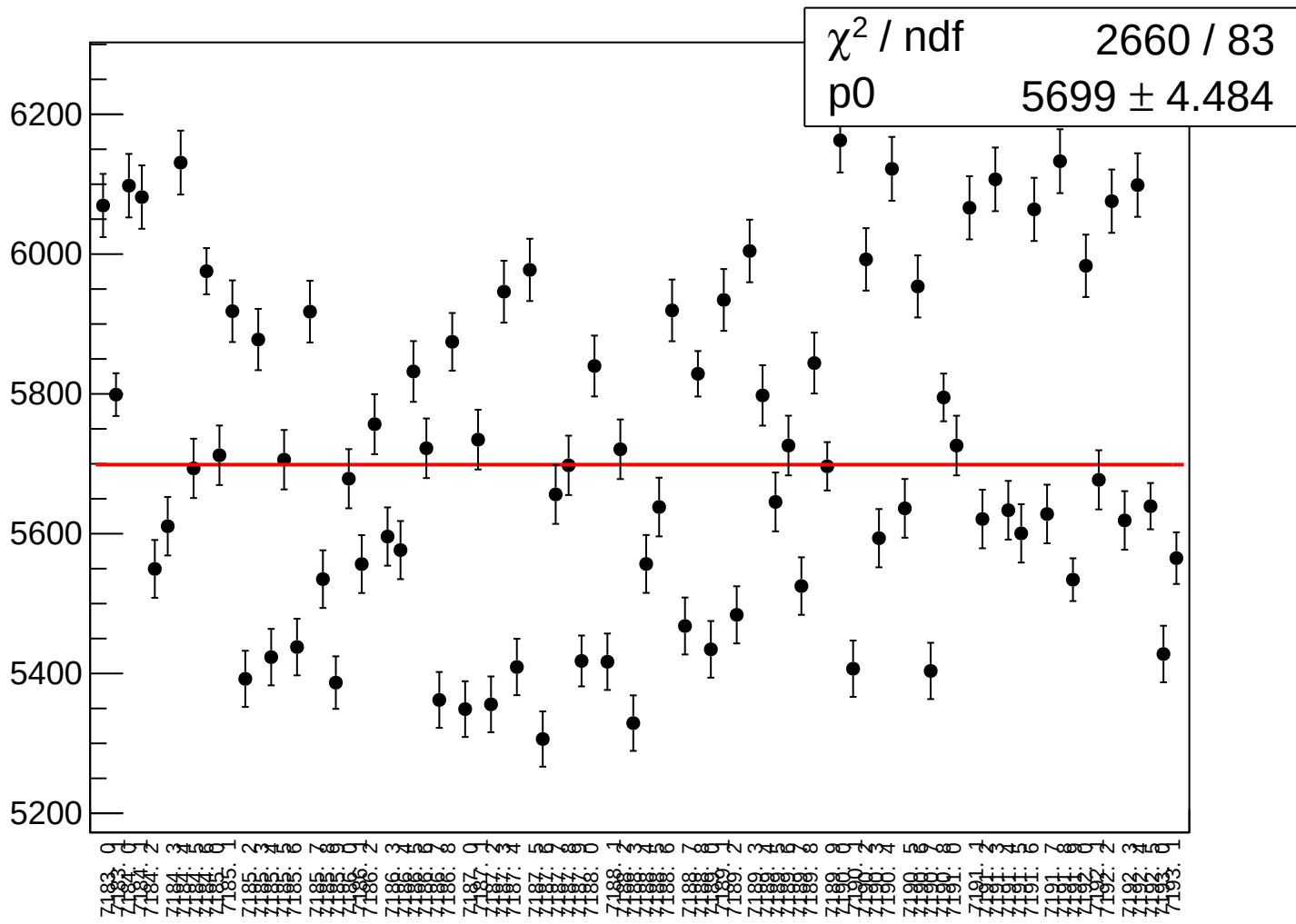
eigen_dit_asym_us_avg_atlr_avg_avg_rms vs run



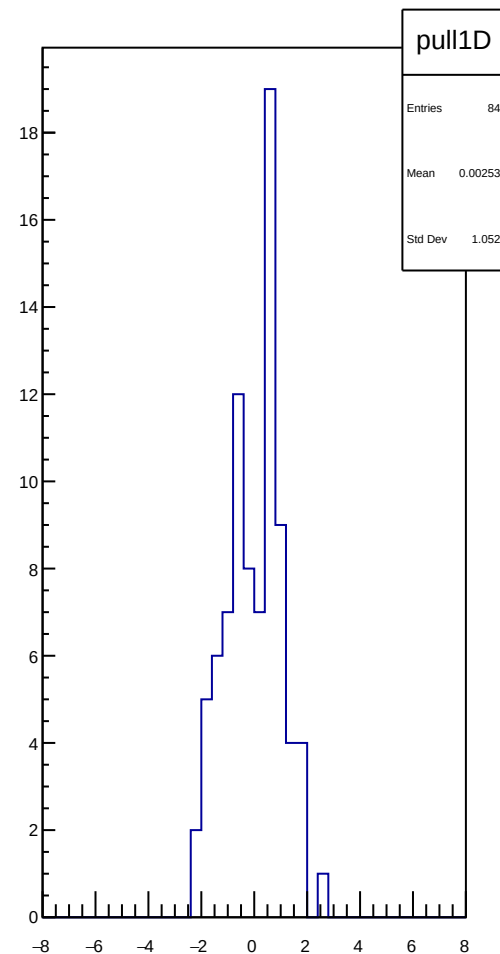
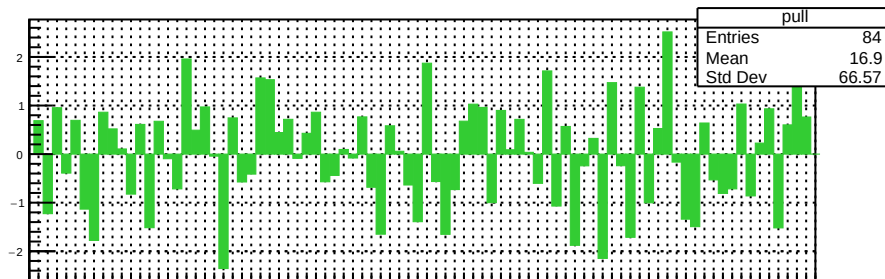
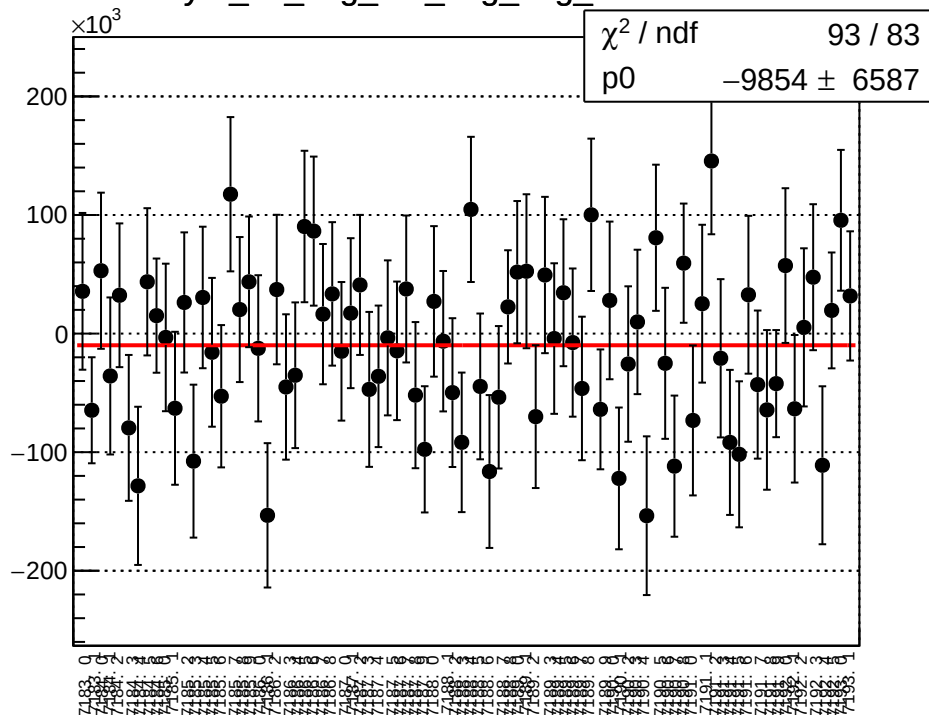
asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs run



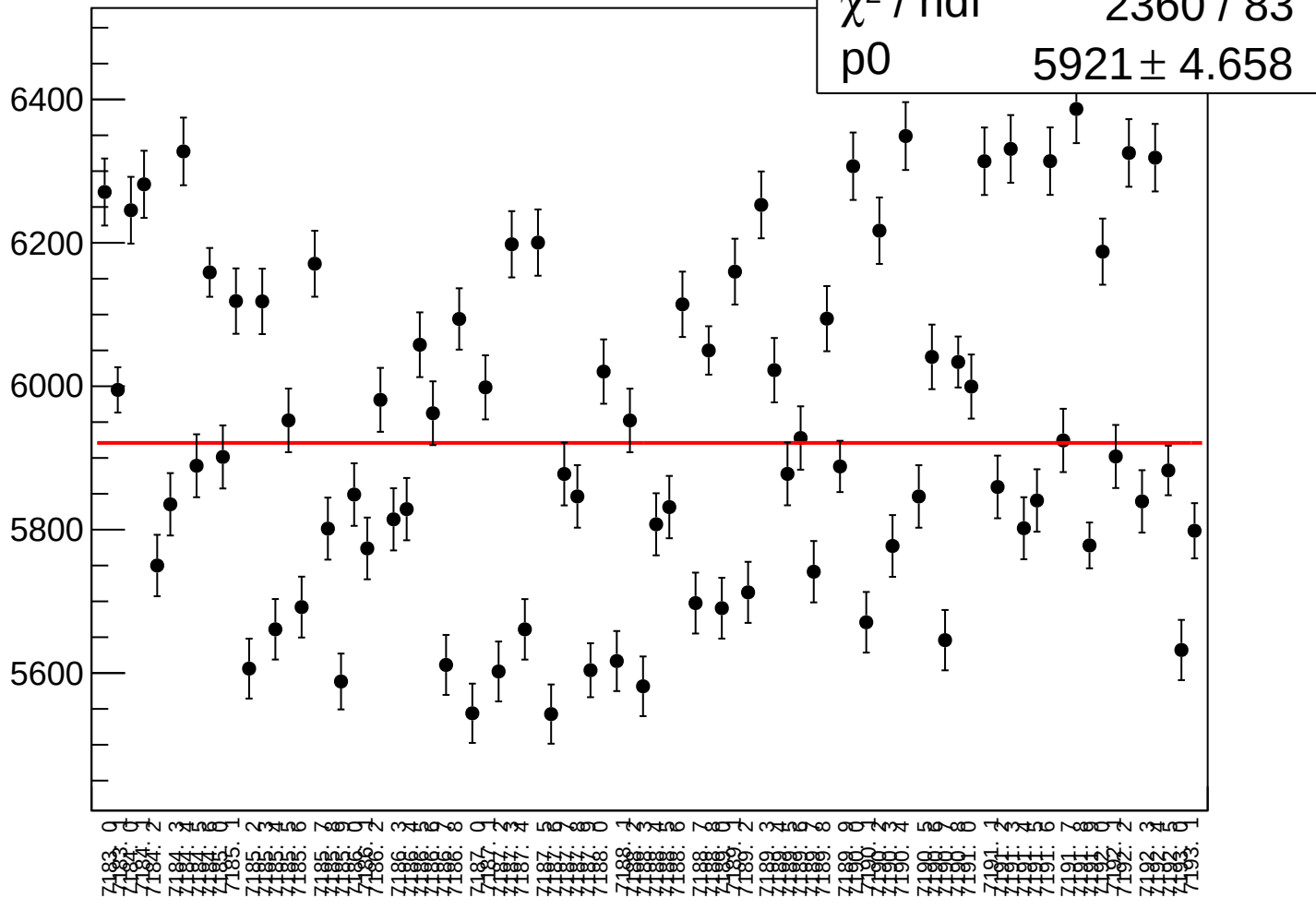
asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs run



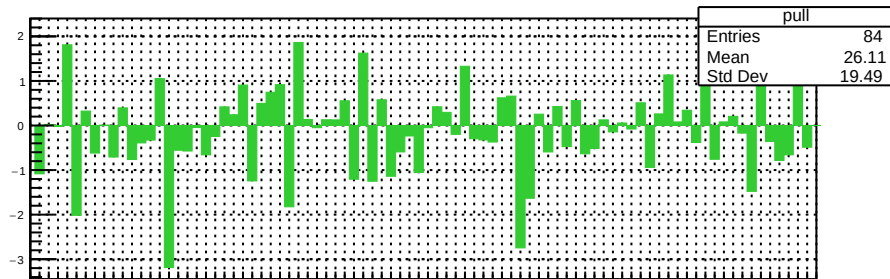
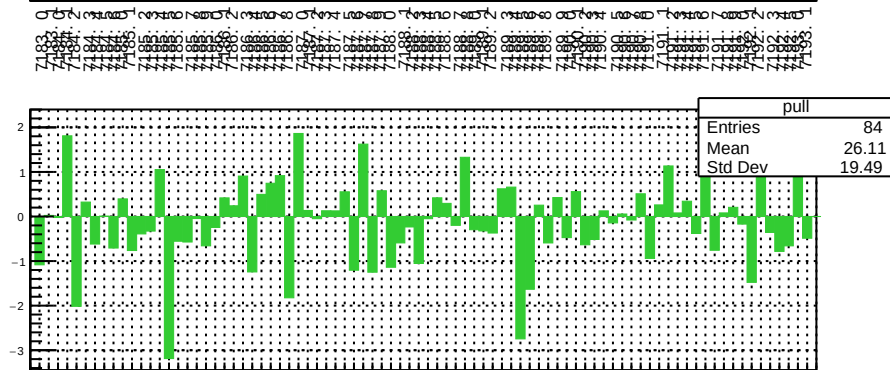
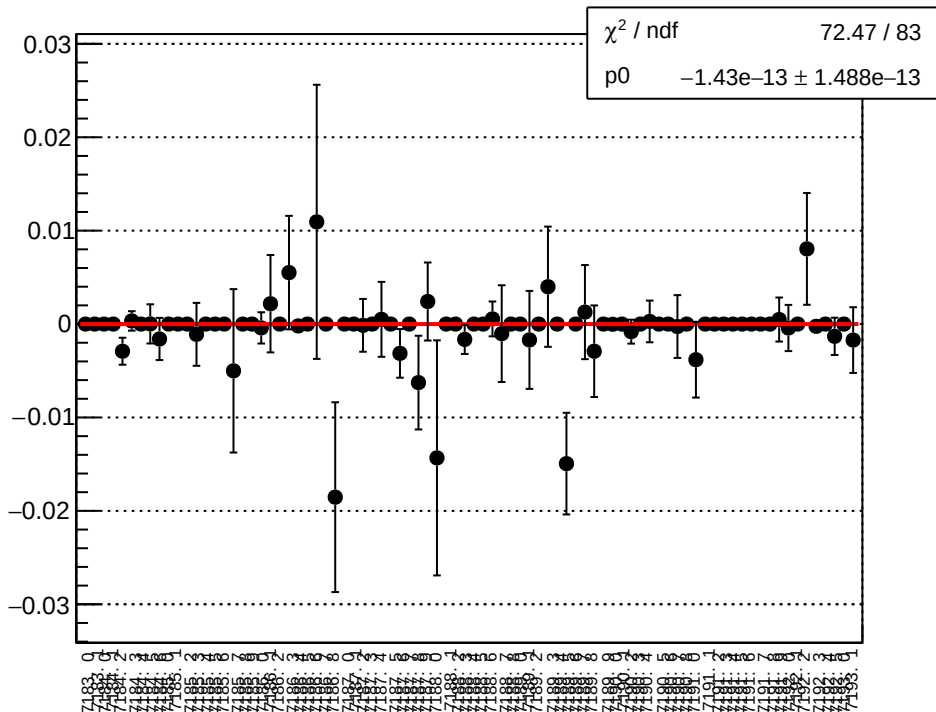
asym_us_avg_atlr_avg_avg_mean vs run



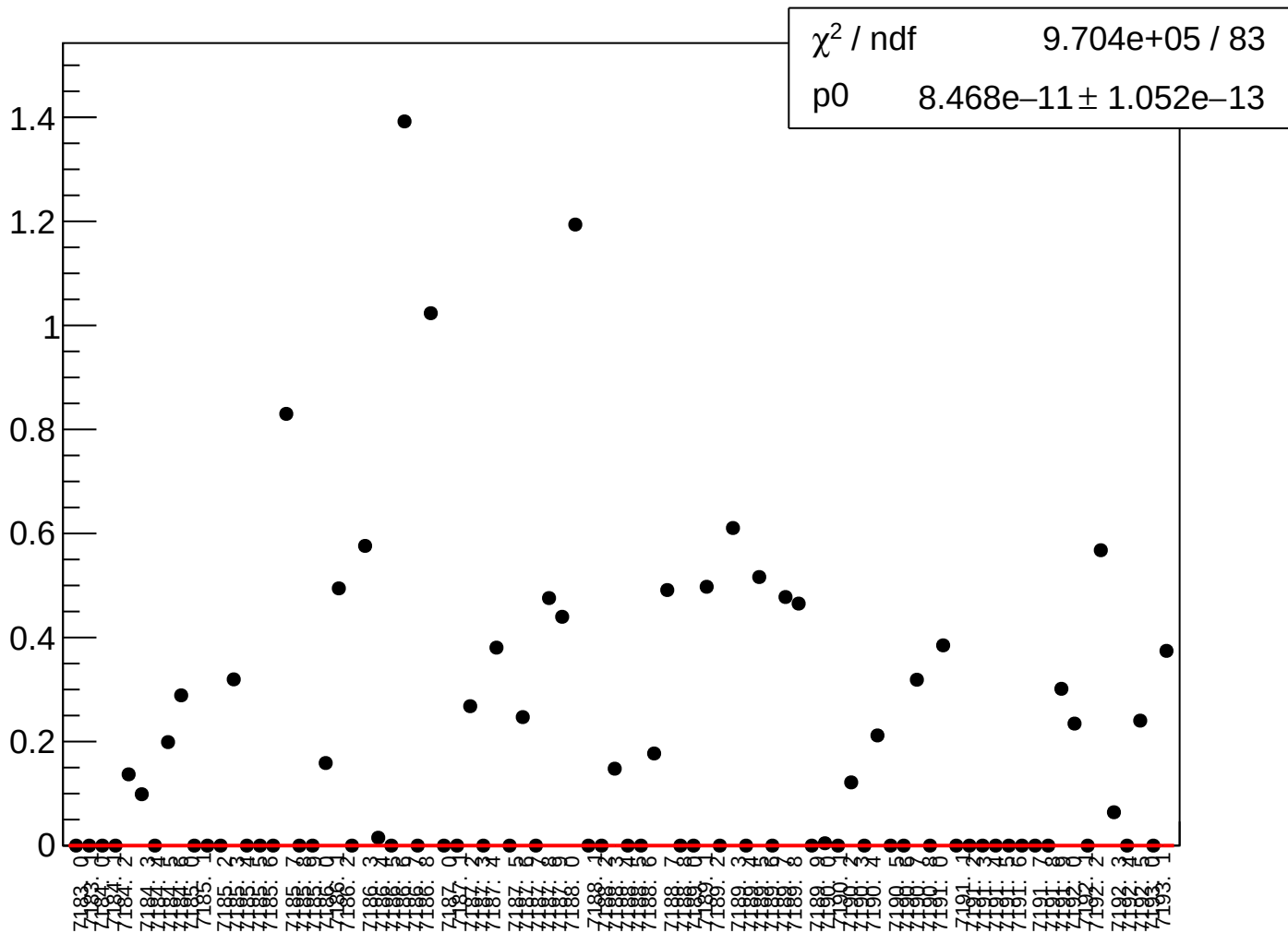
χ^2 / ndf	2360 / 83
p0	5921 ± 4.658



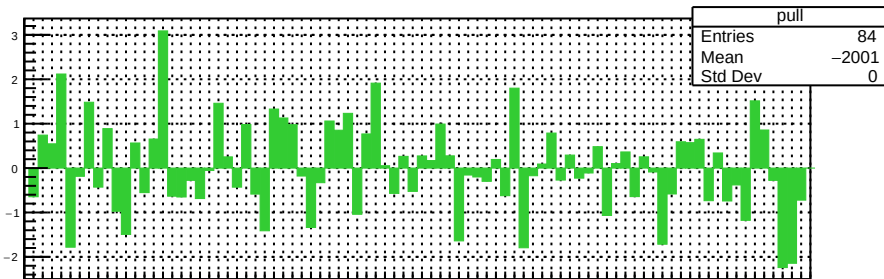
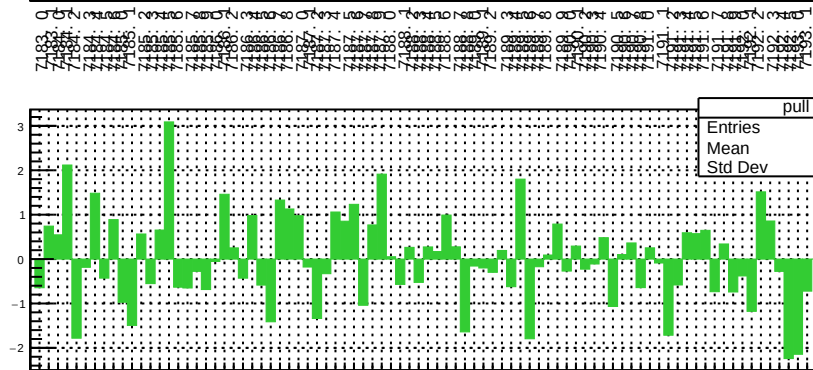
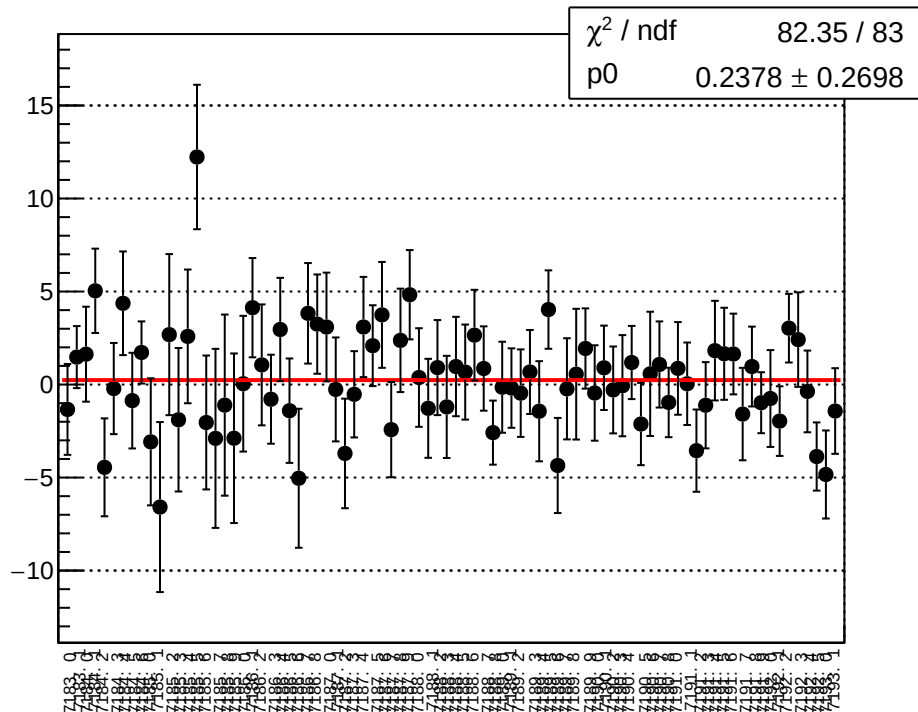
asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs run



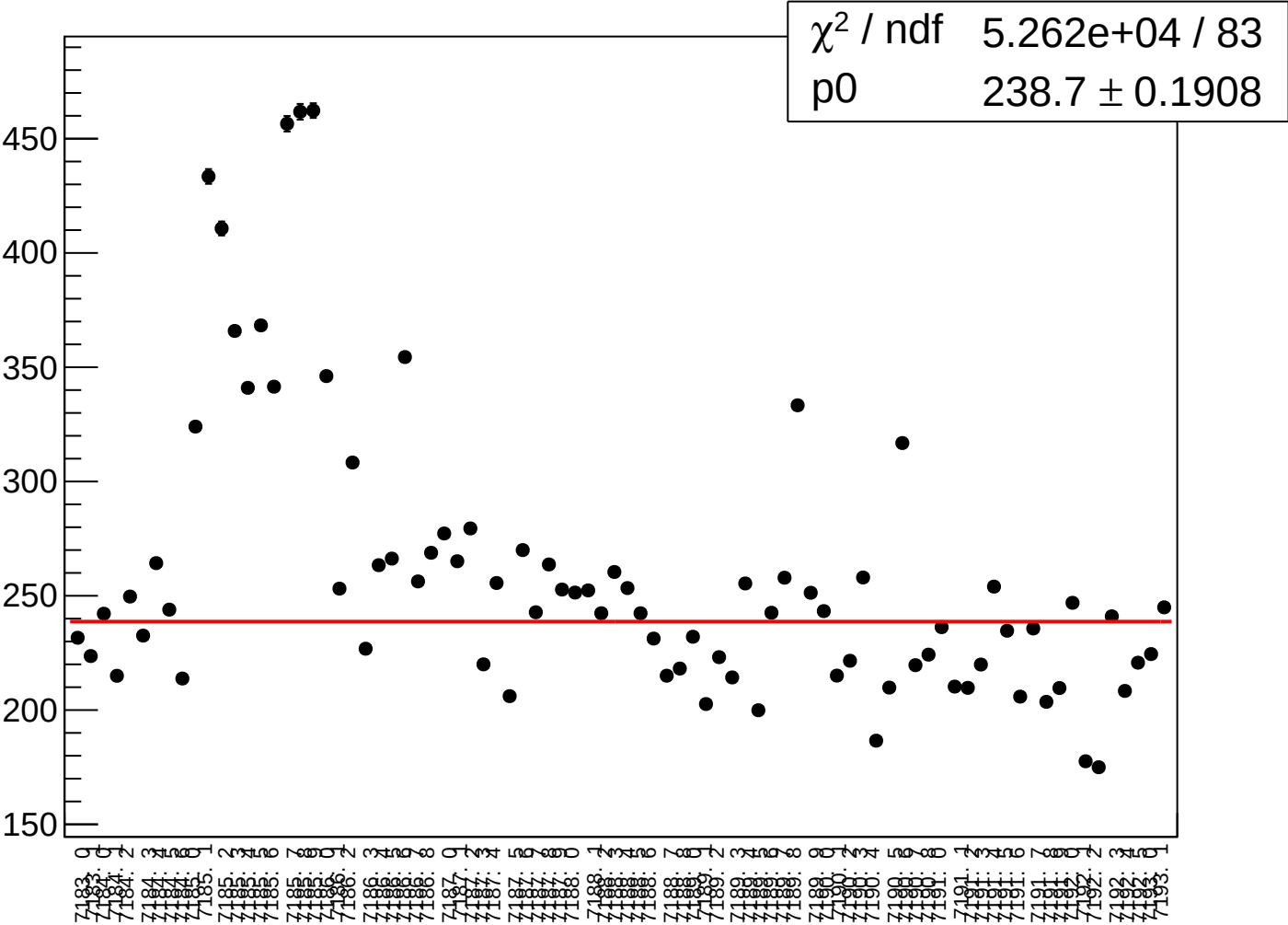
asym us avg atlr avg avg reg vs cor diff rms vs run



asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs run

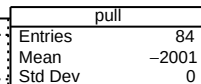
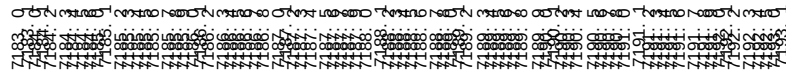


asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs run



χ^2 / ndf 82.35
 p_0 0.2378 ± 0.0012

82.35 / 83

$$0.2378 \pm 0.2698$$


pull

Entries

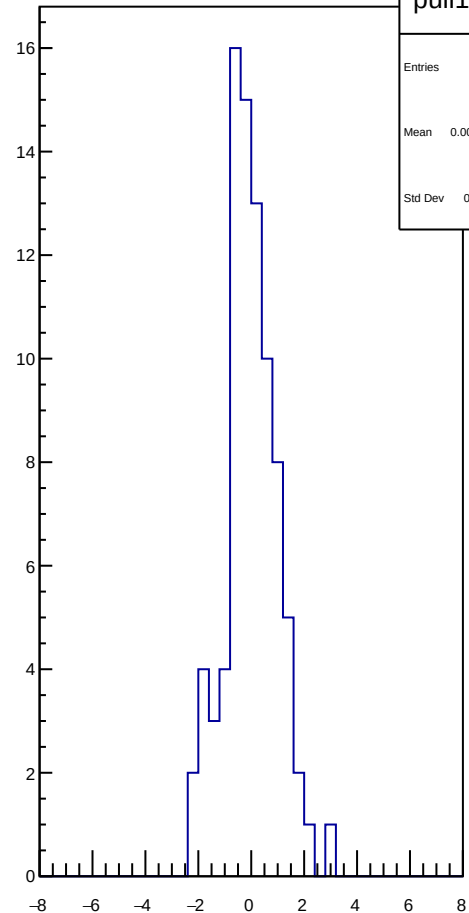
Mean

Std Dev

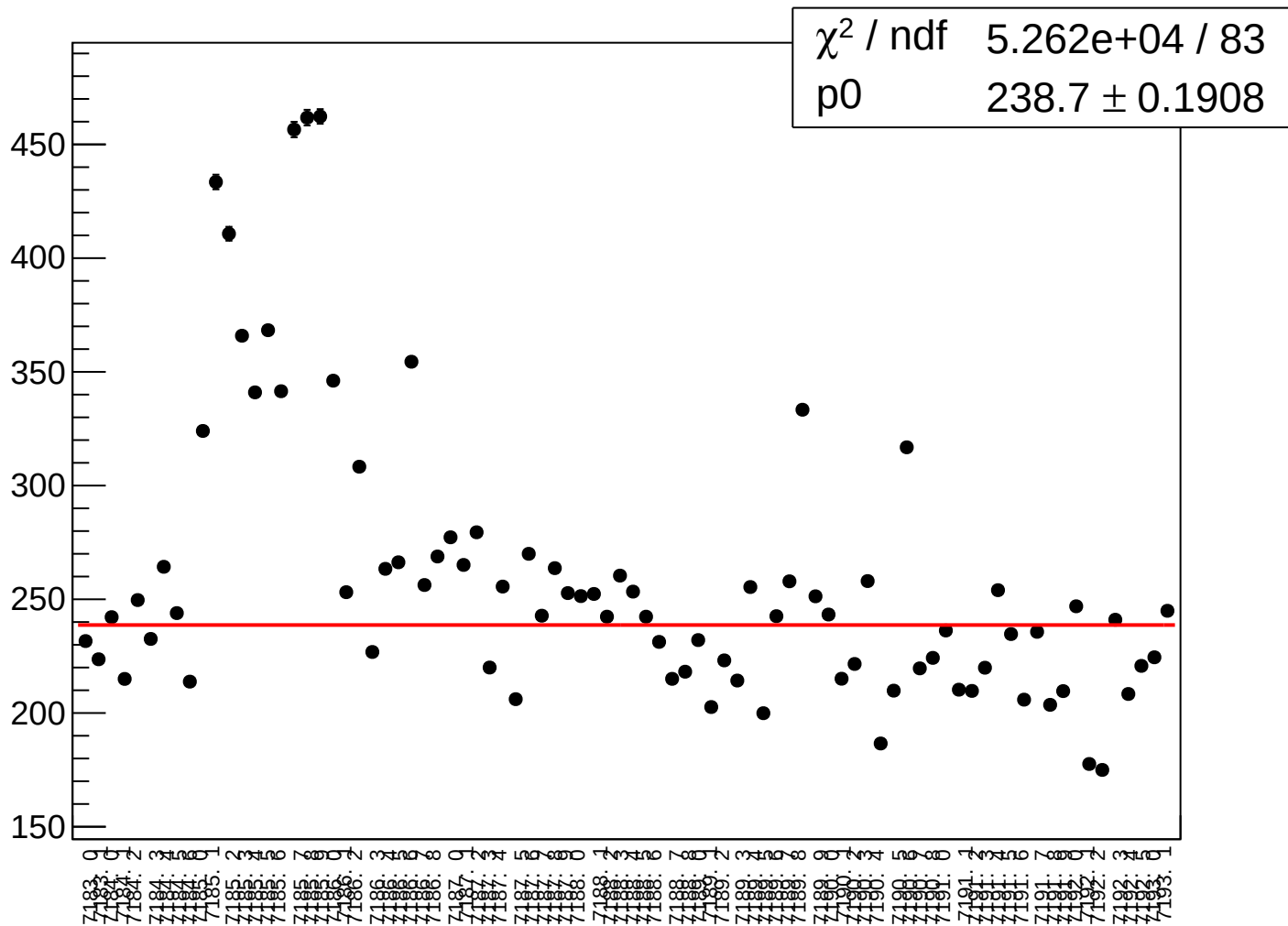
Entries 84

Mean 0.002287

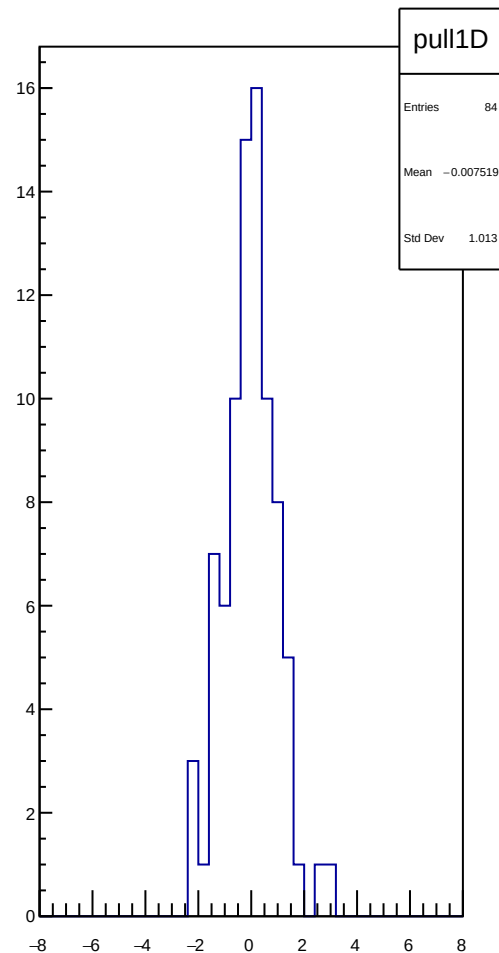
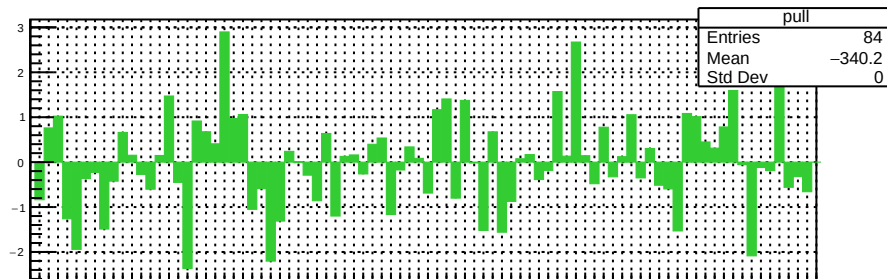
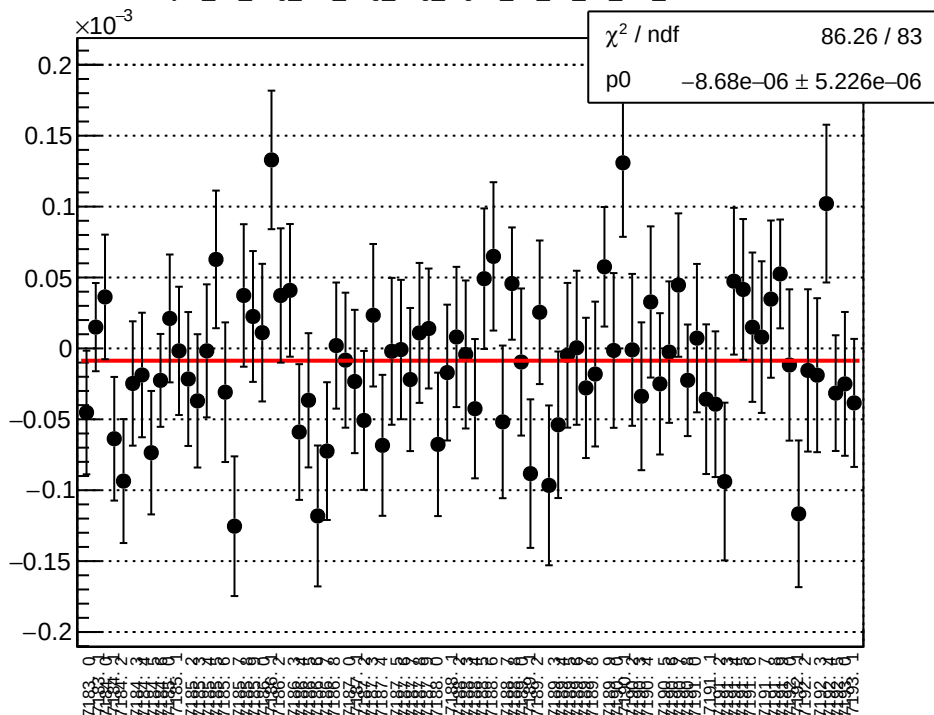
Std Dev 0.9902



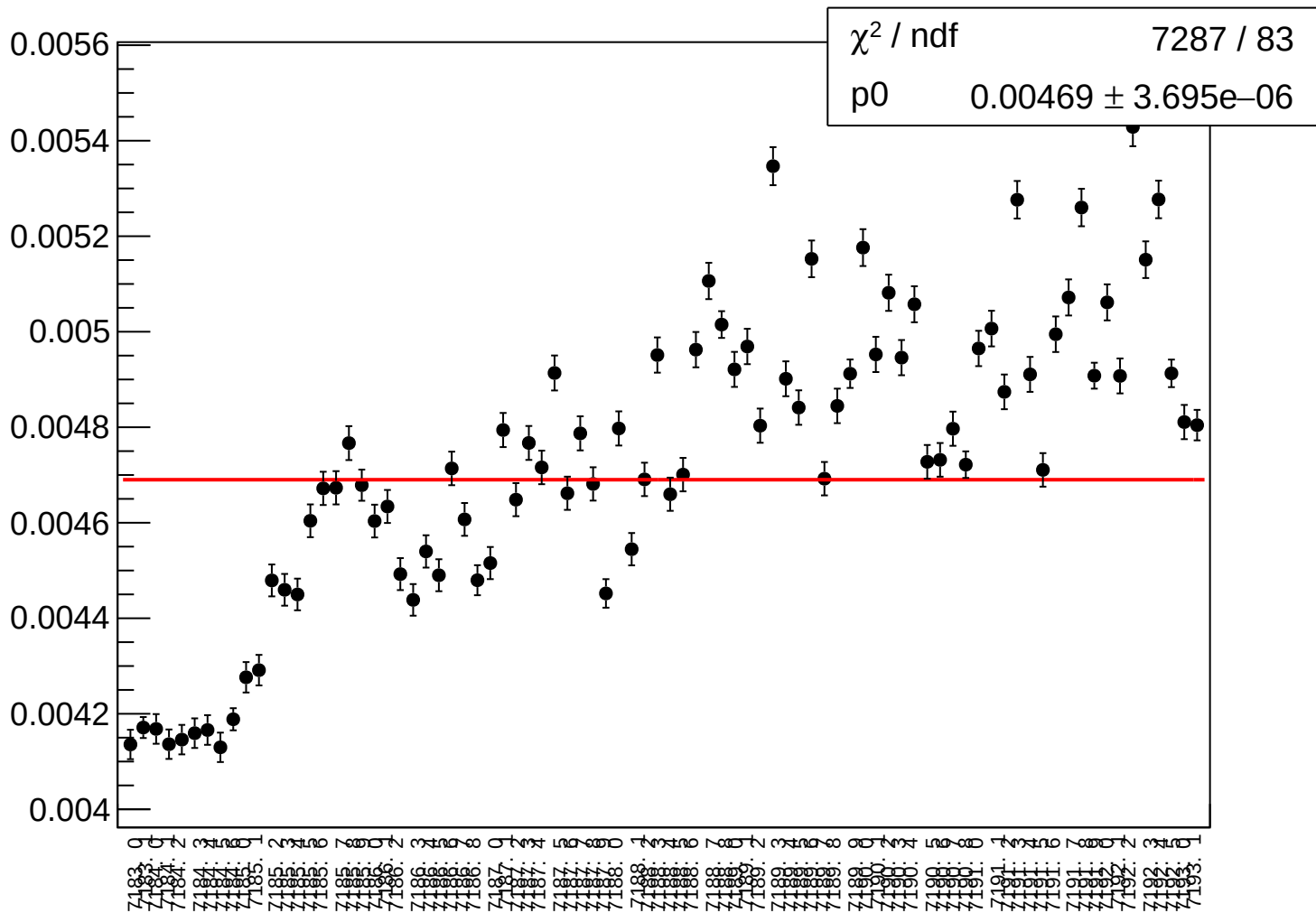
asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs run



asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs run

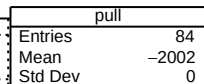
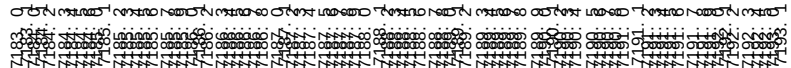


asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs run

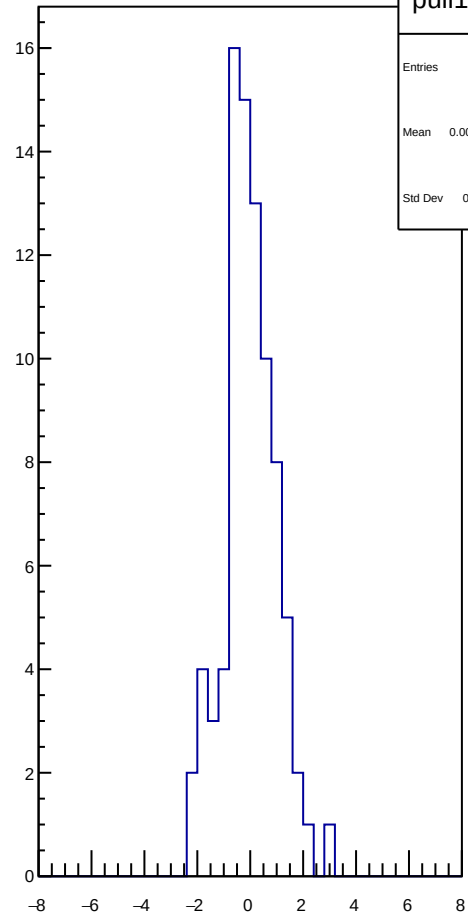


χ^2 / ndof 82.35
 p_0 0.2378 ± 0.0012

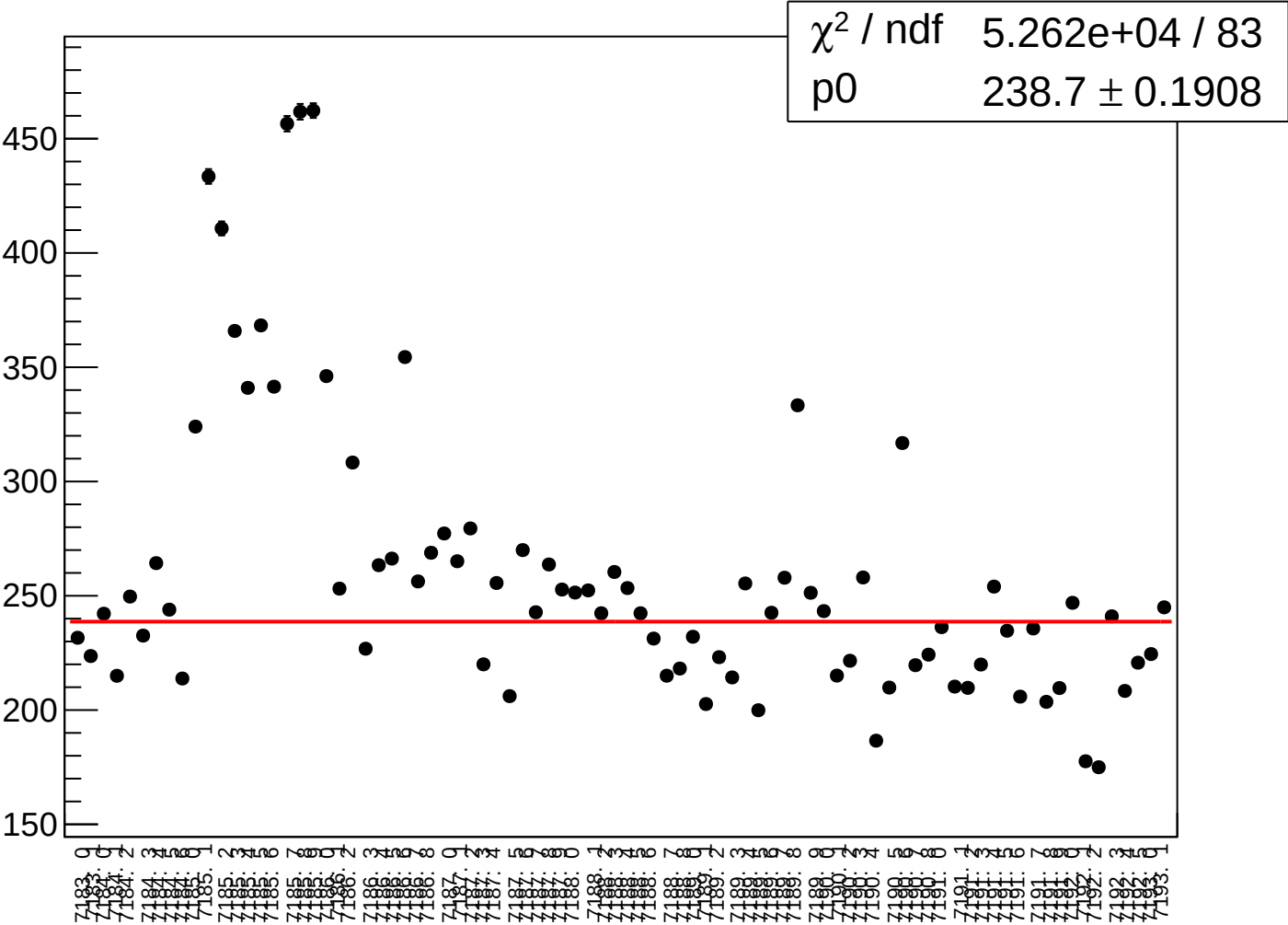
82.35 / 83

$$0.2378 \pm 0.2698$$


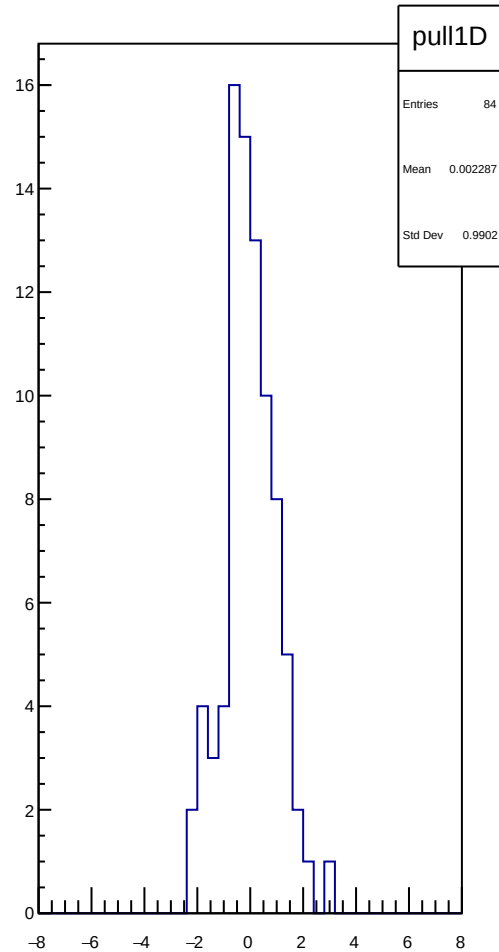
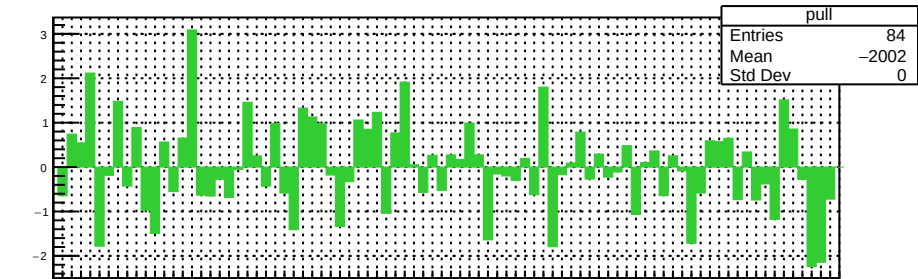
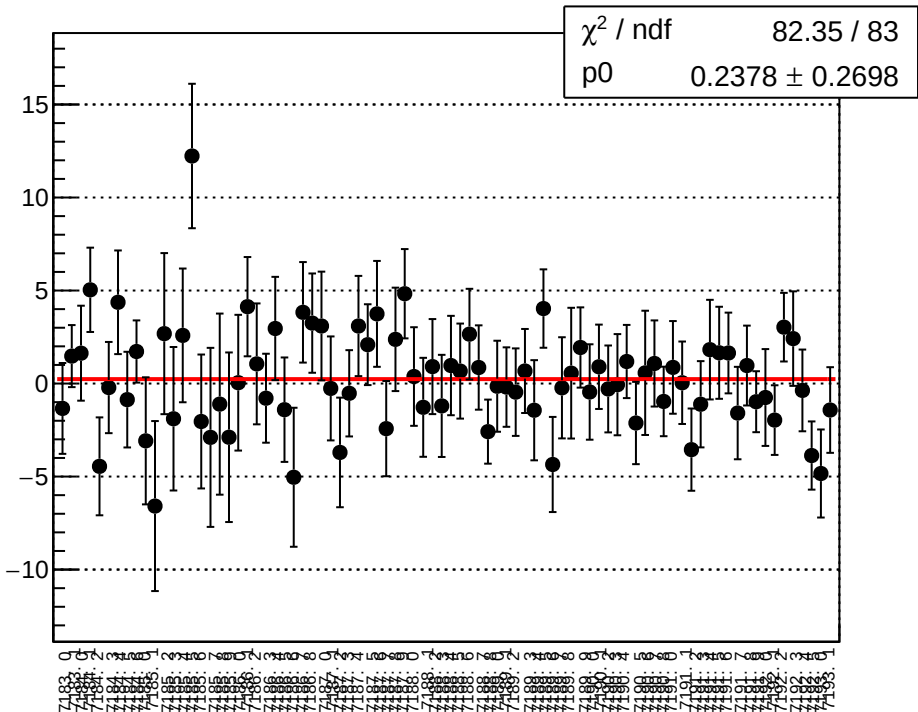
Entries	84
Mean	0.002287
Std Dev	0.9902



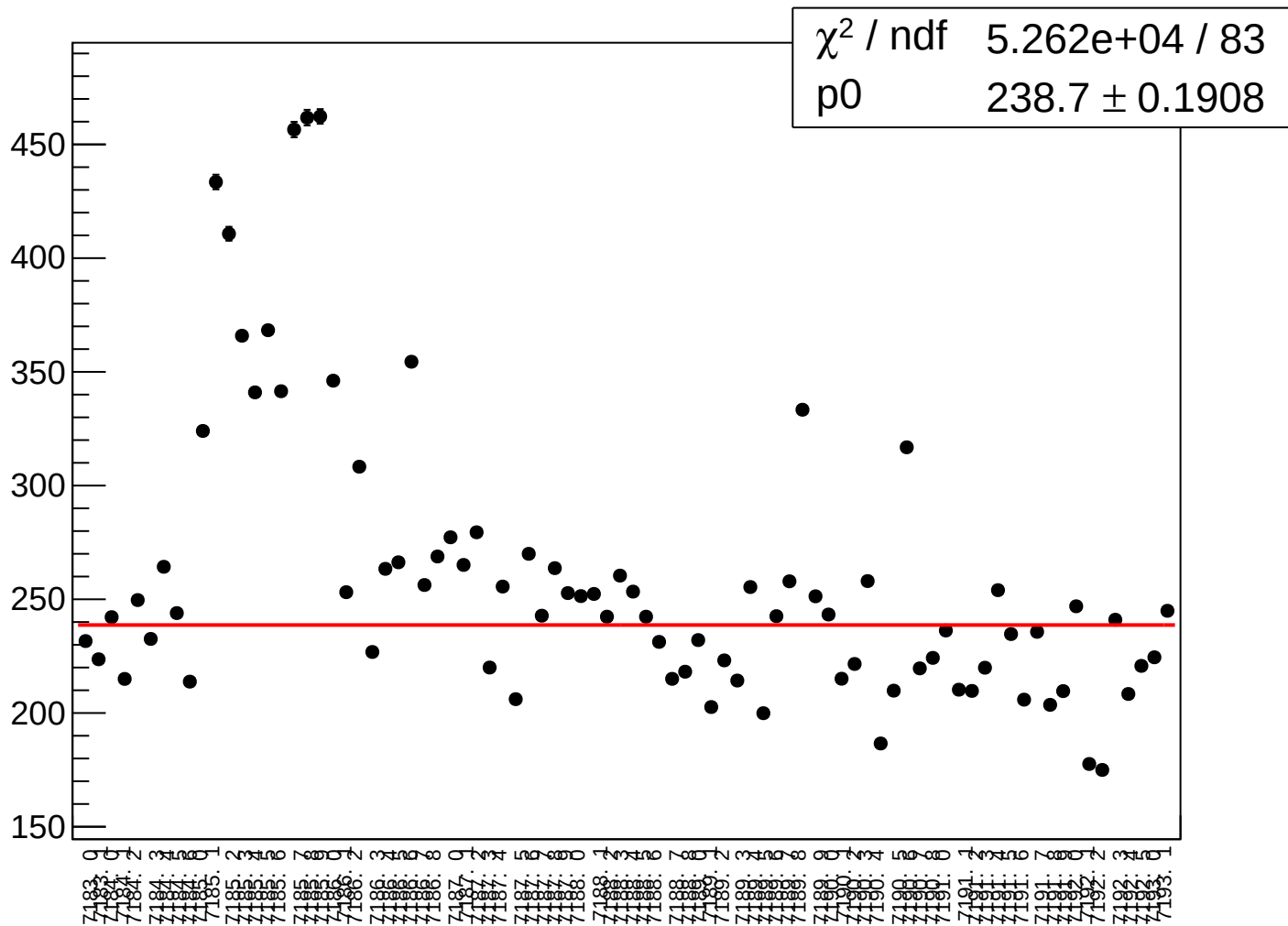
asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs run



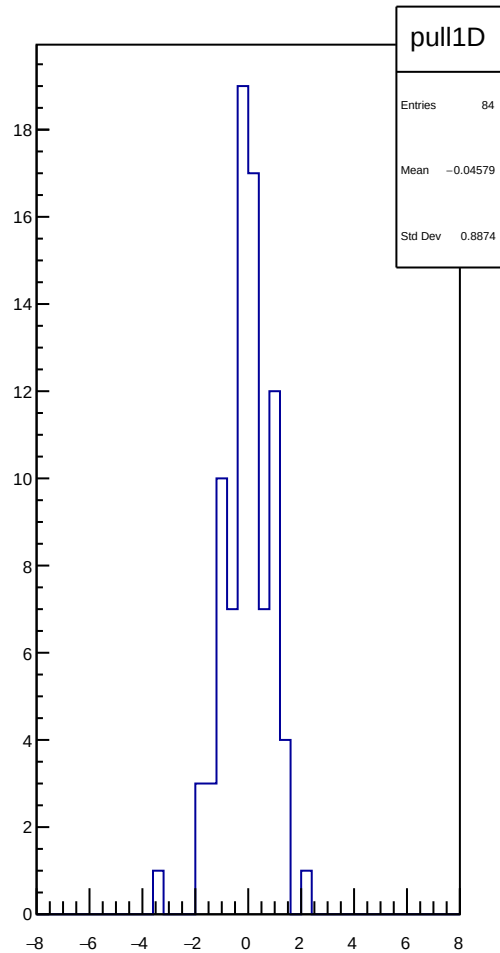
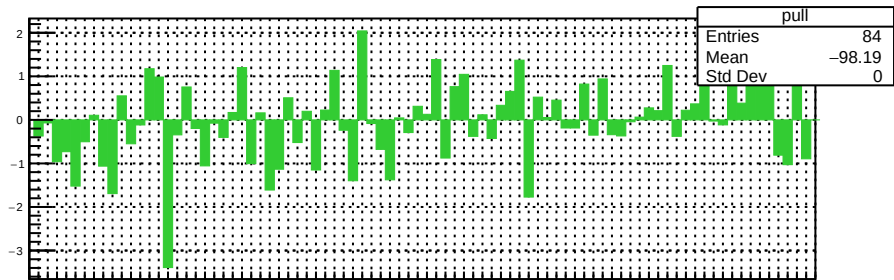
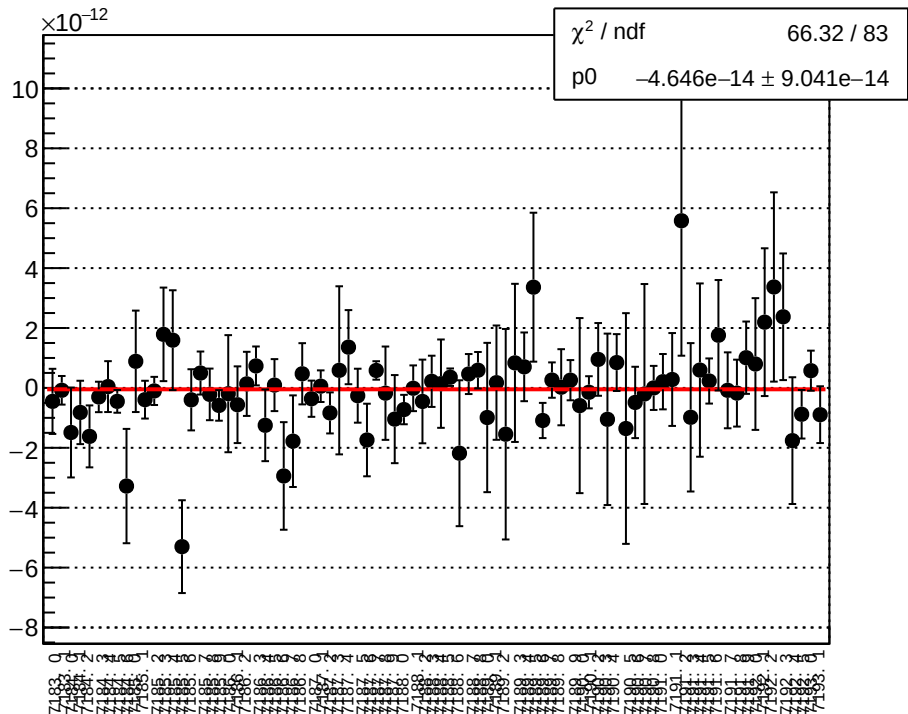
asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



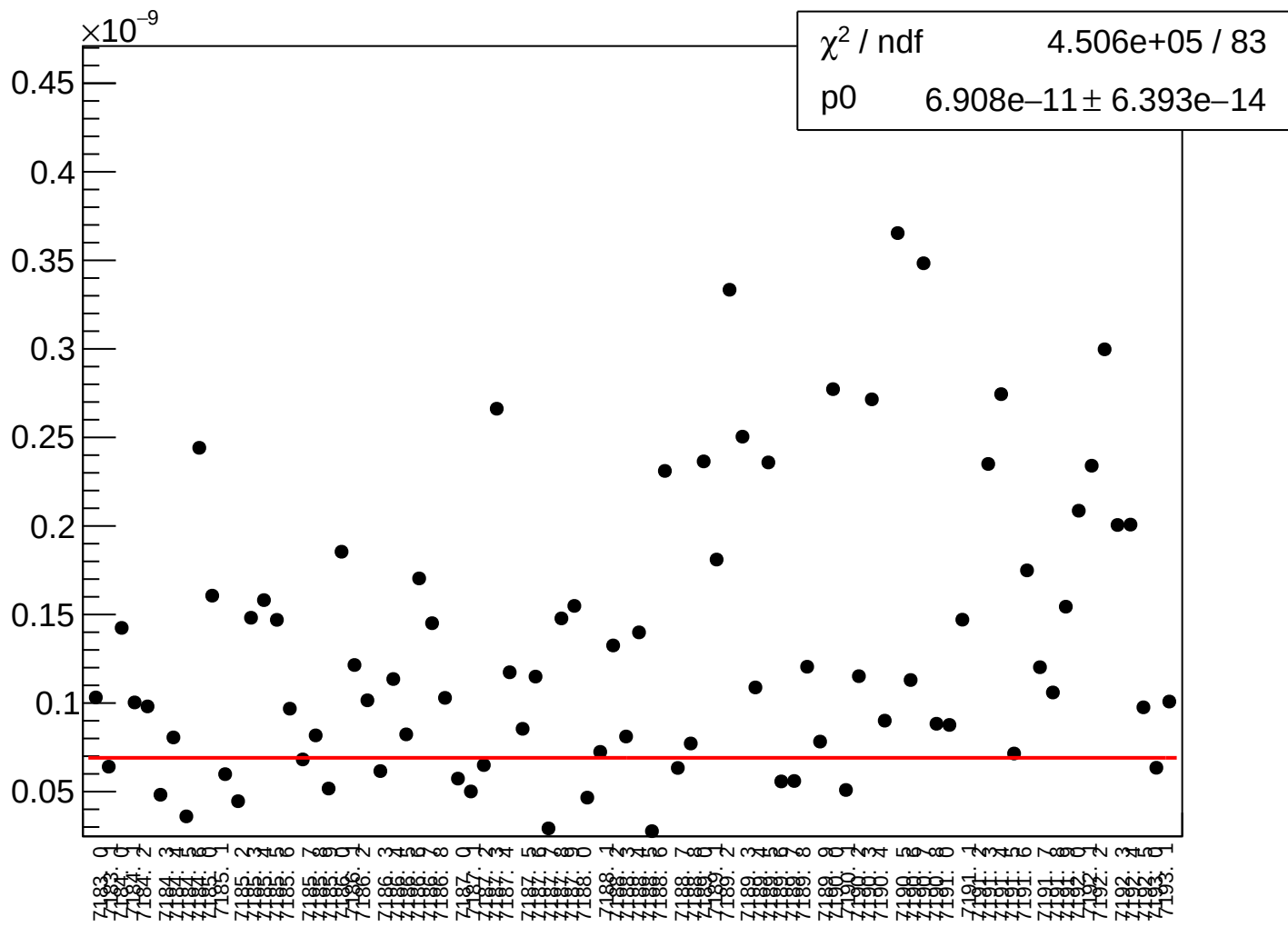
asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



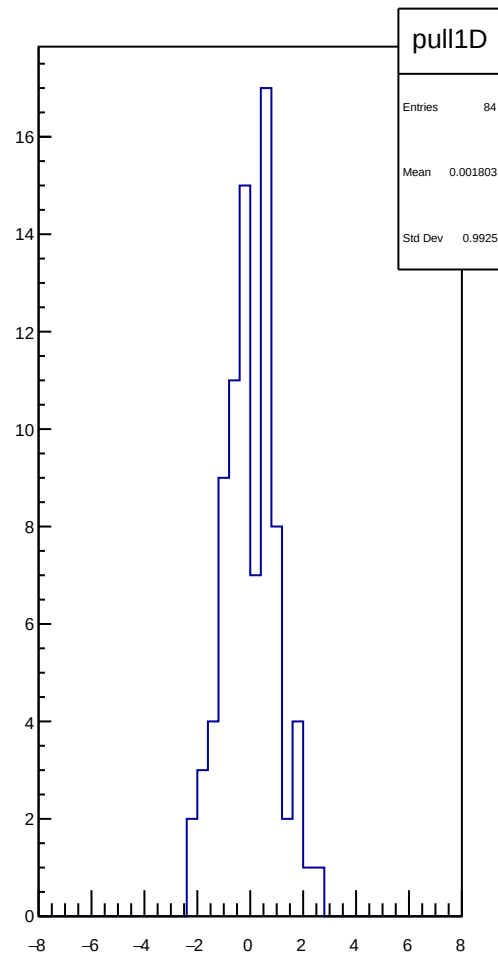
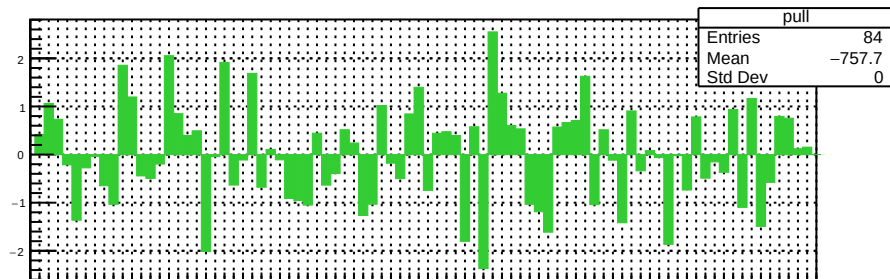
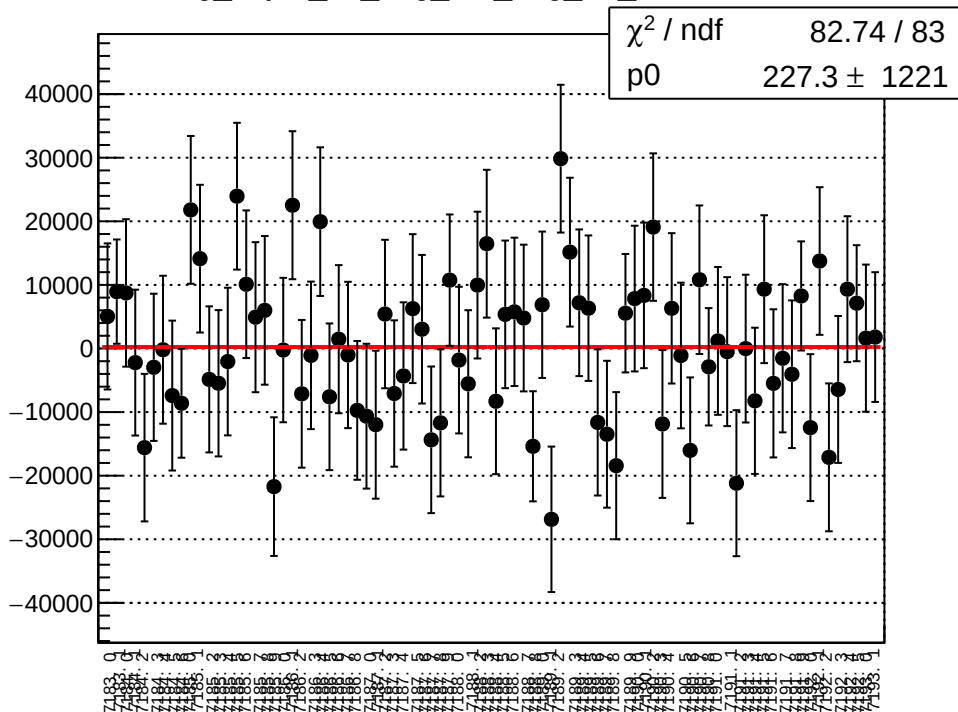
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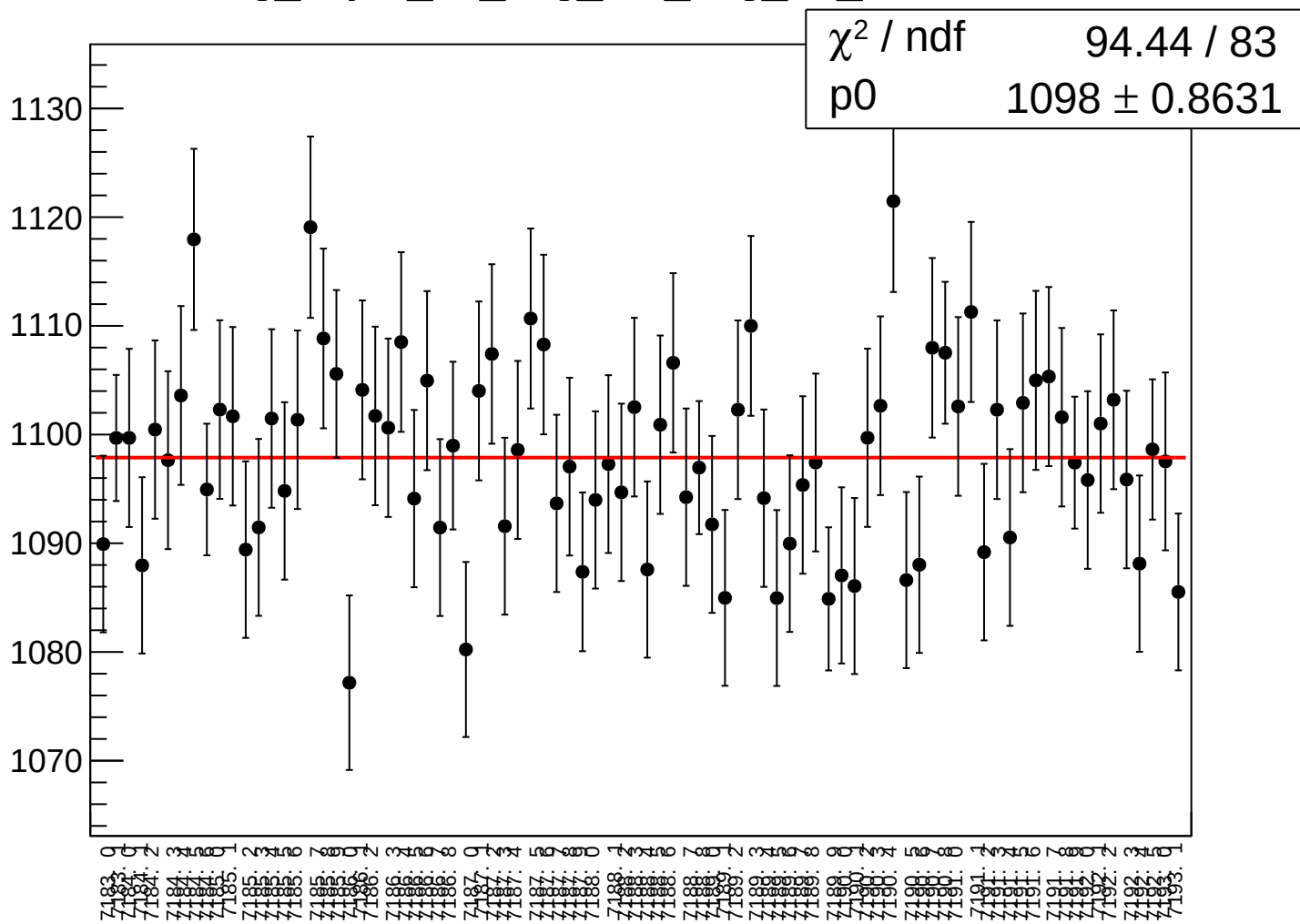
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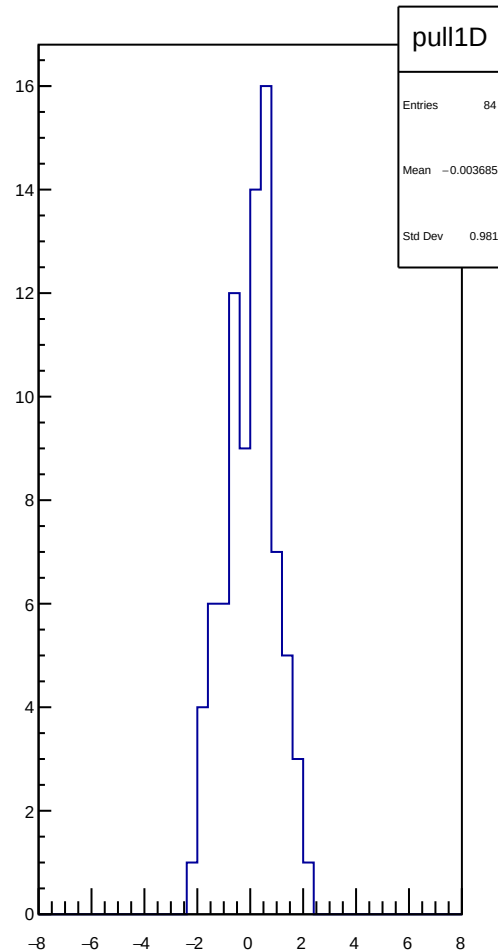
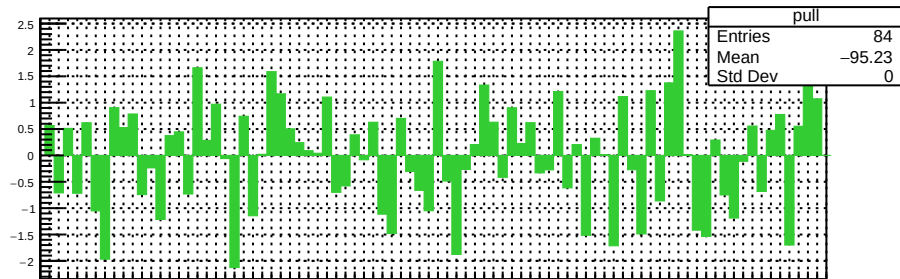
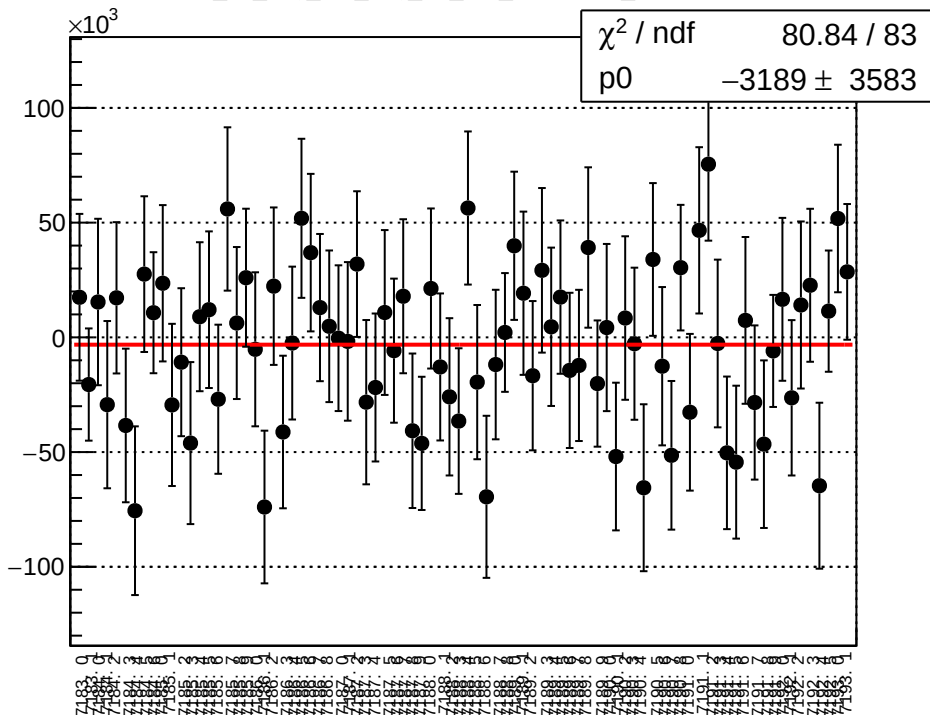
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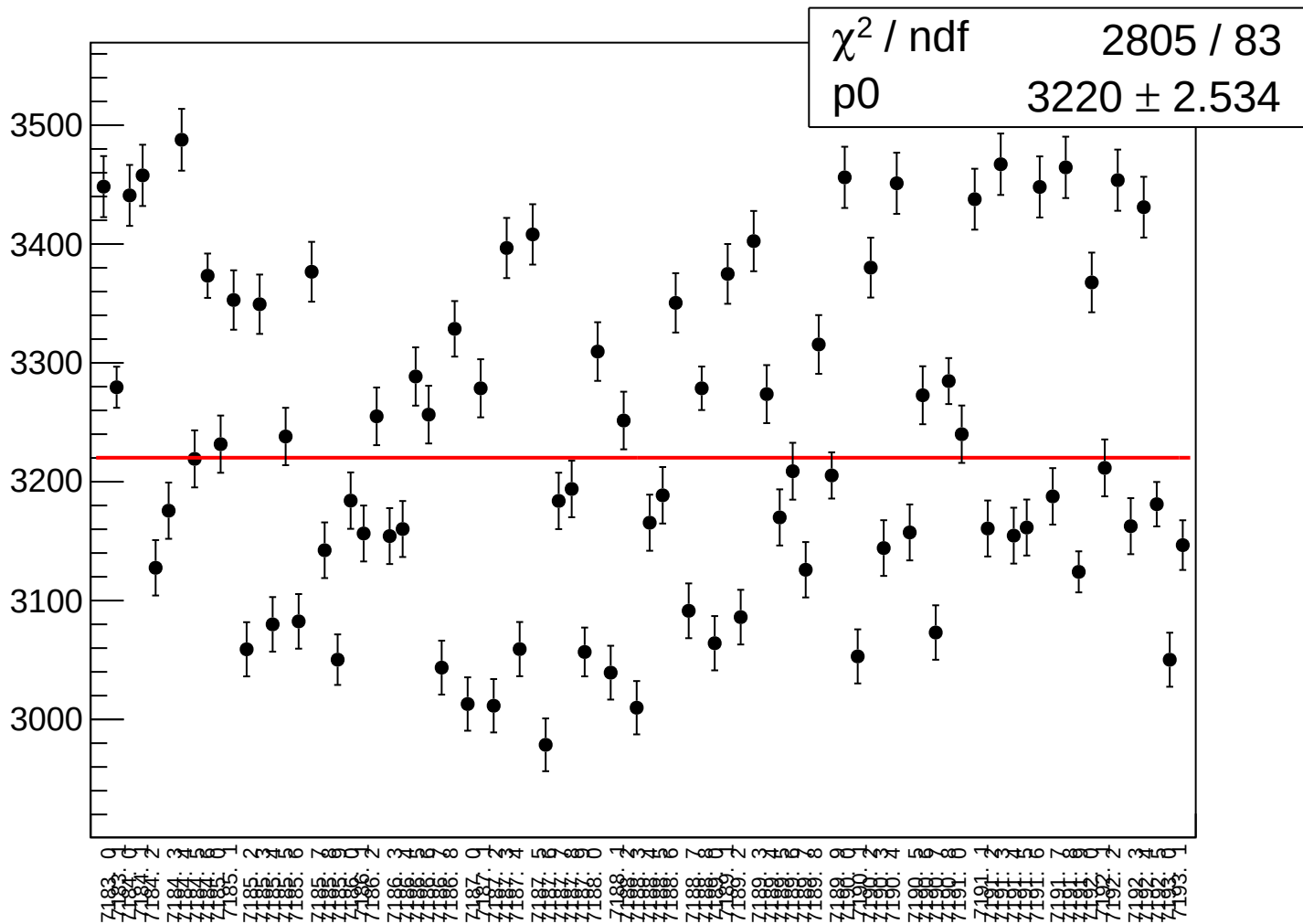
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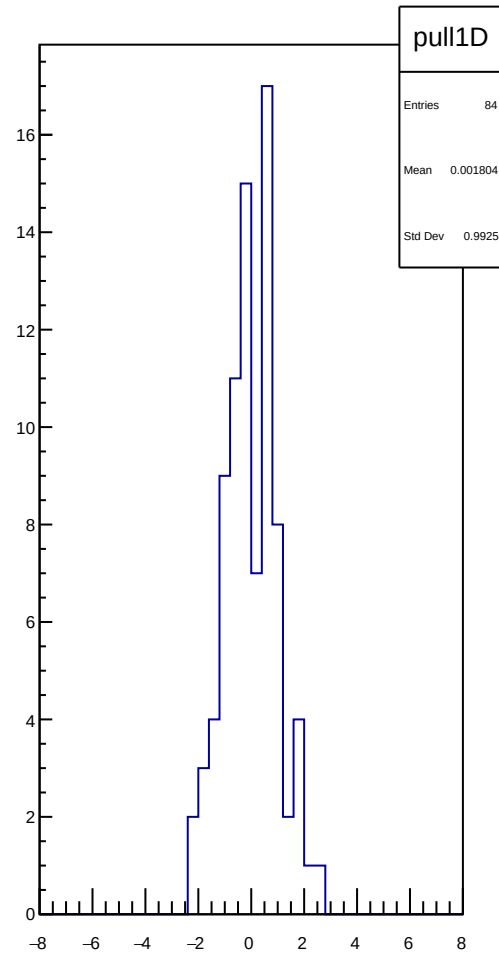
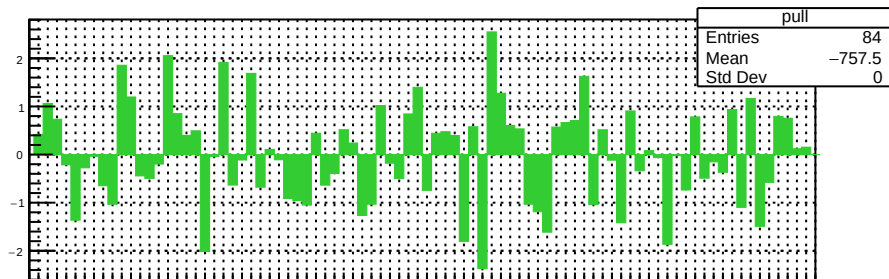
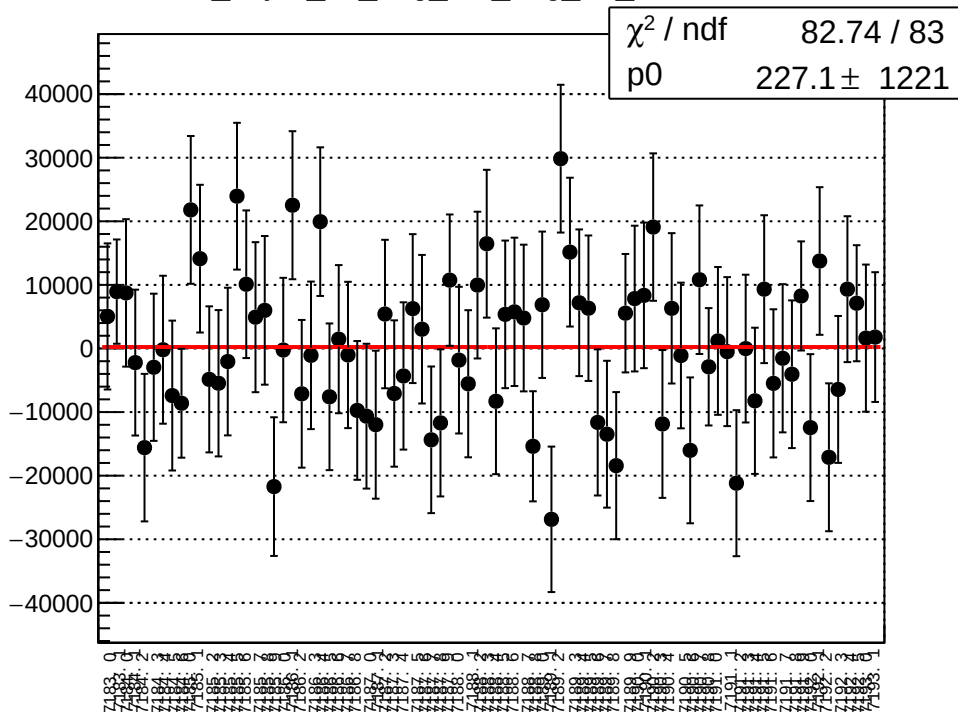
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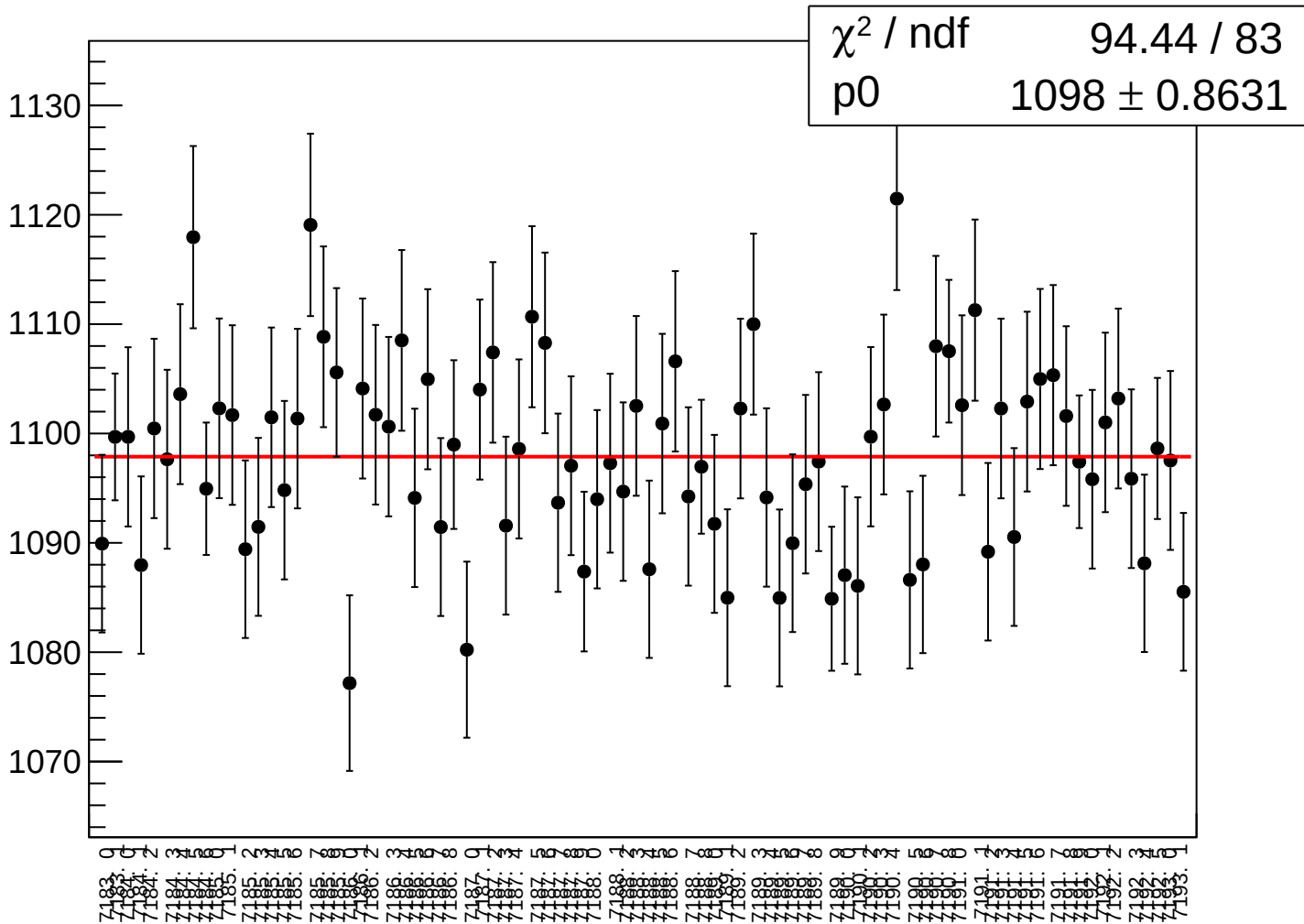
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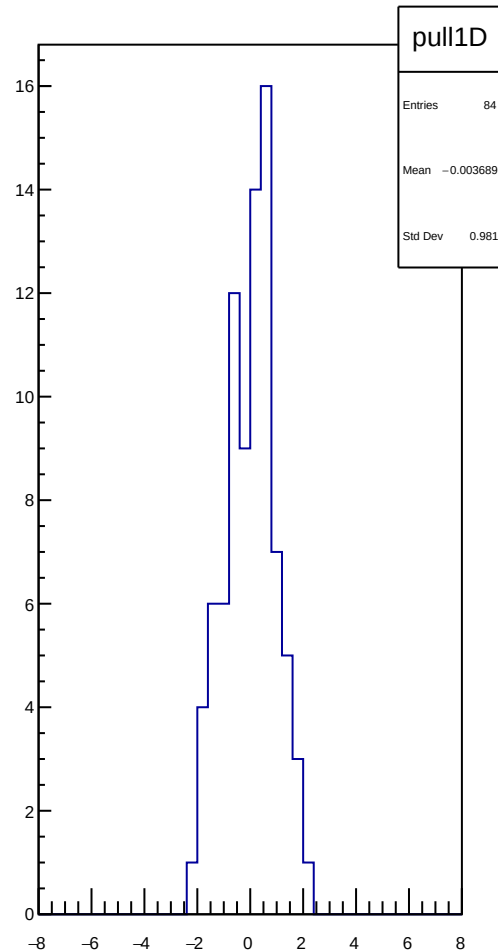
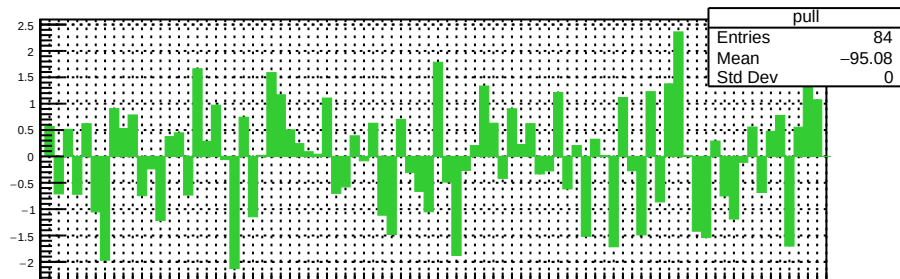
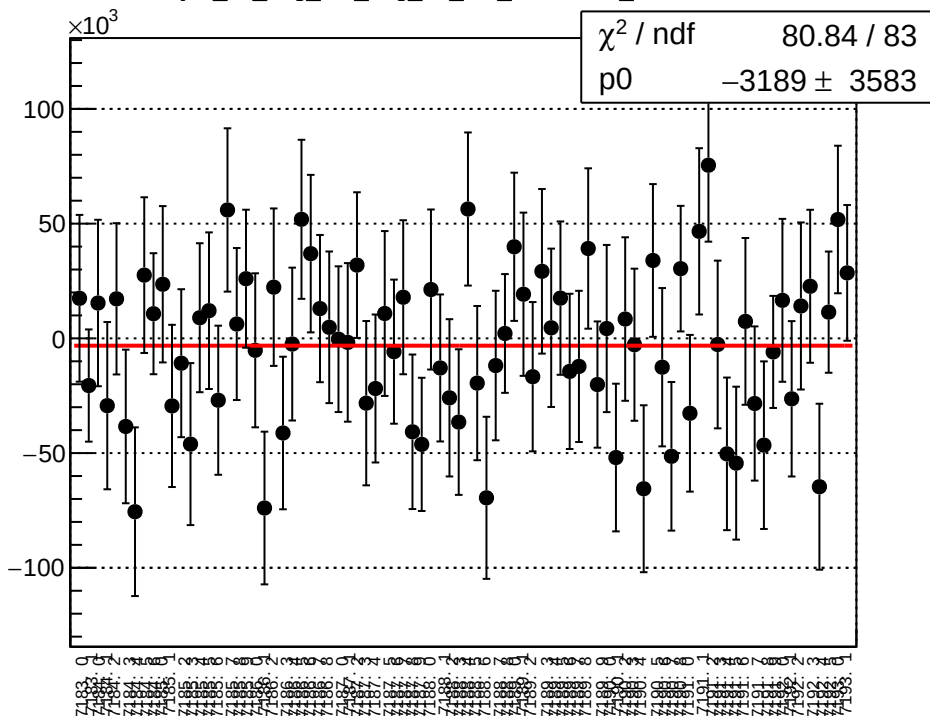
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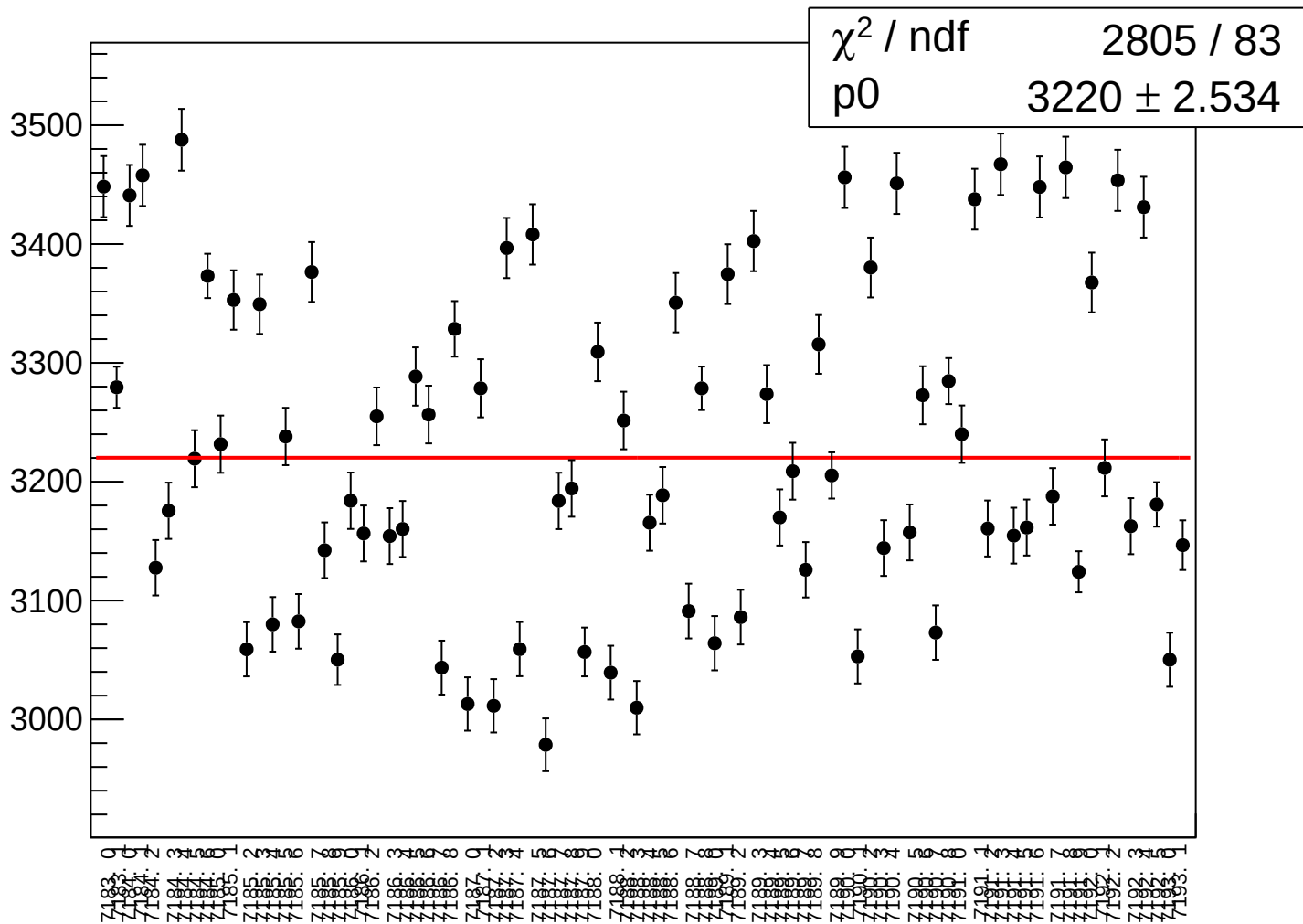
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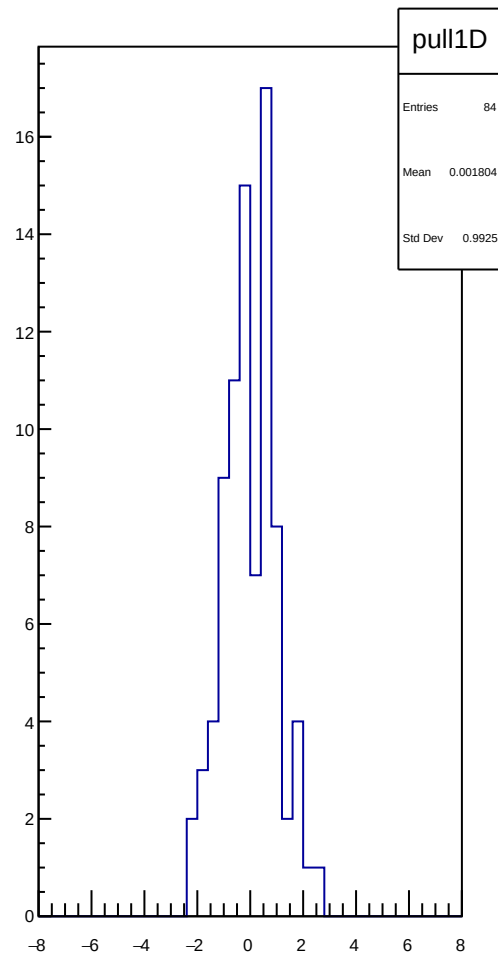
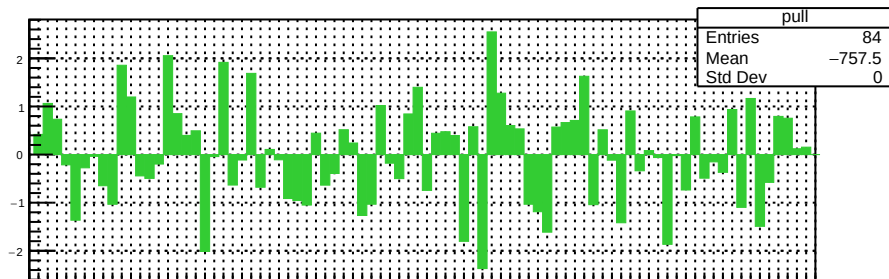
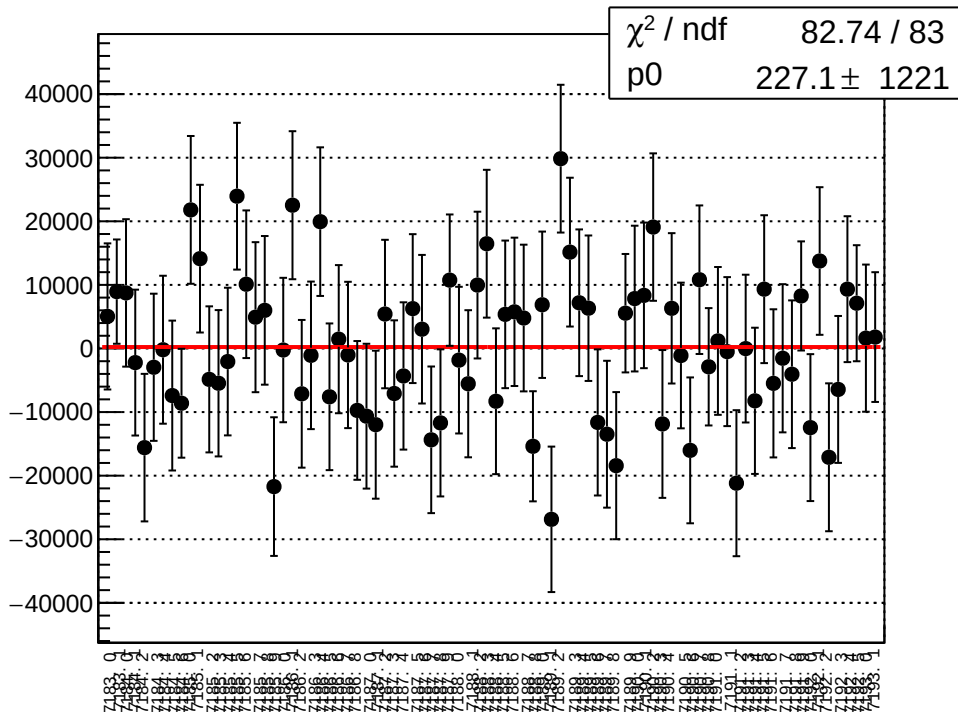
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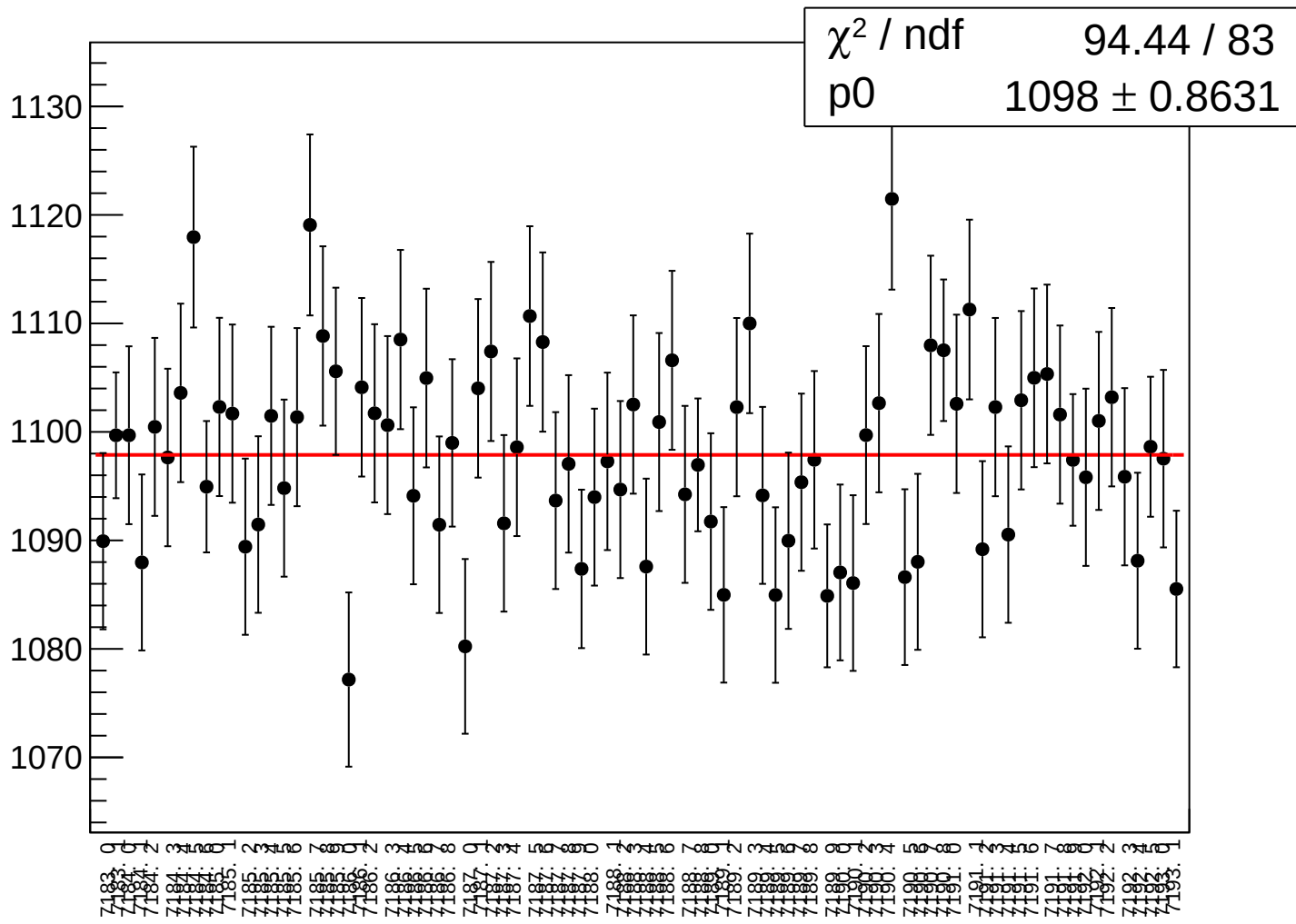
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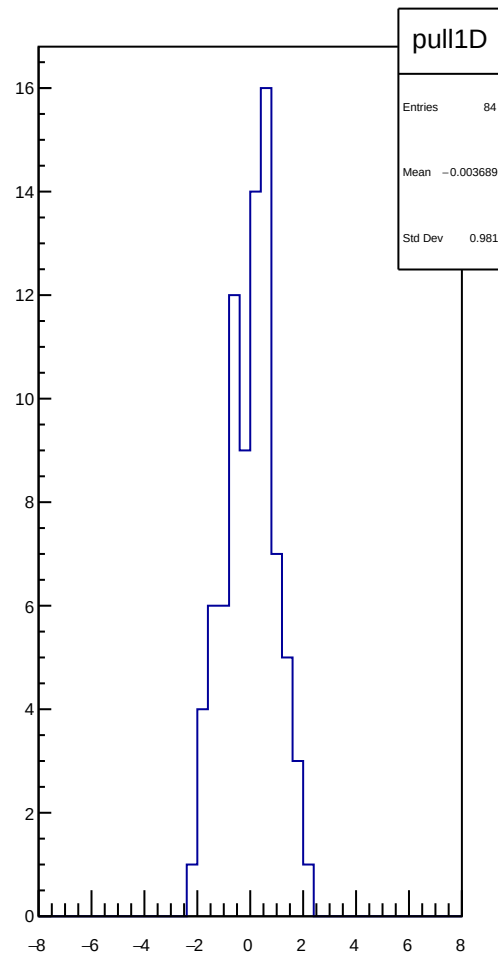
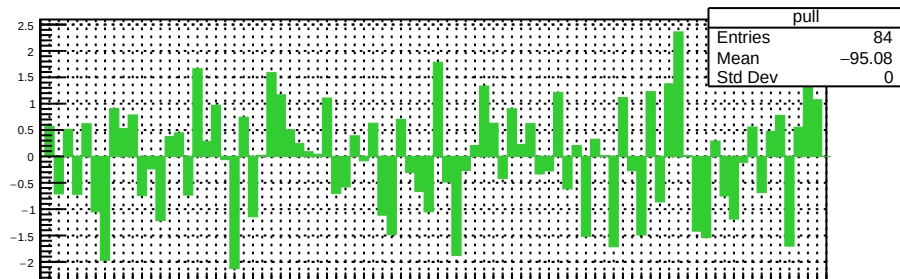
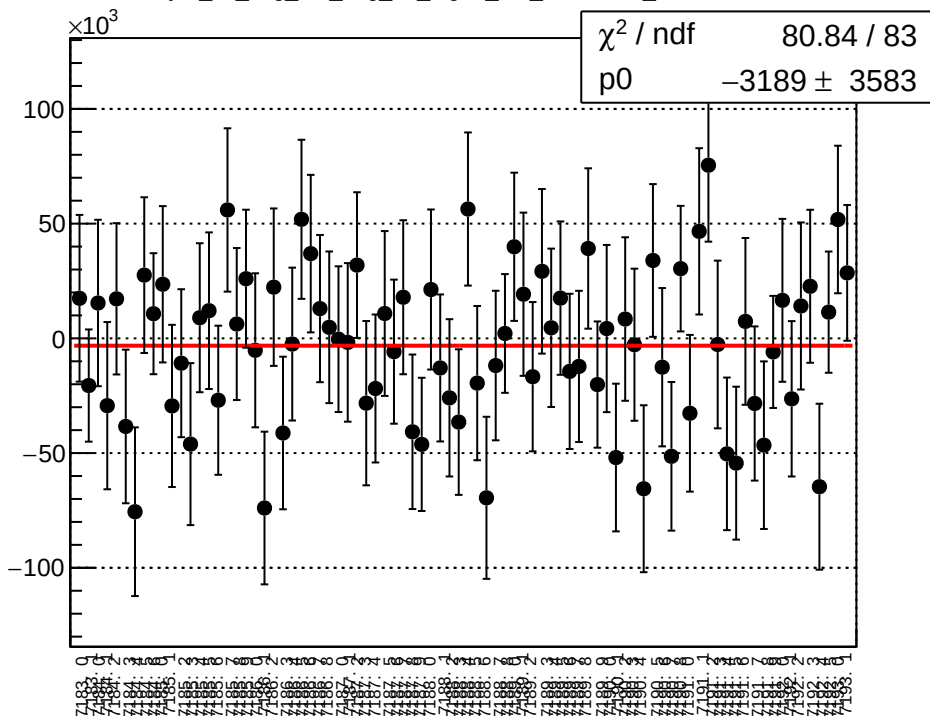
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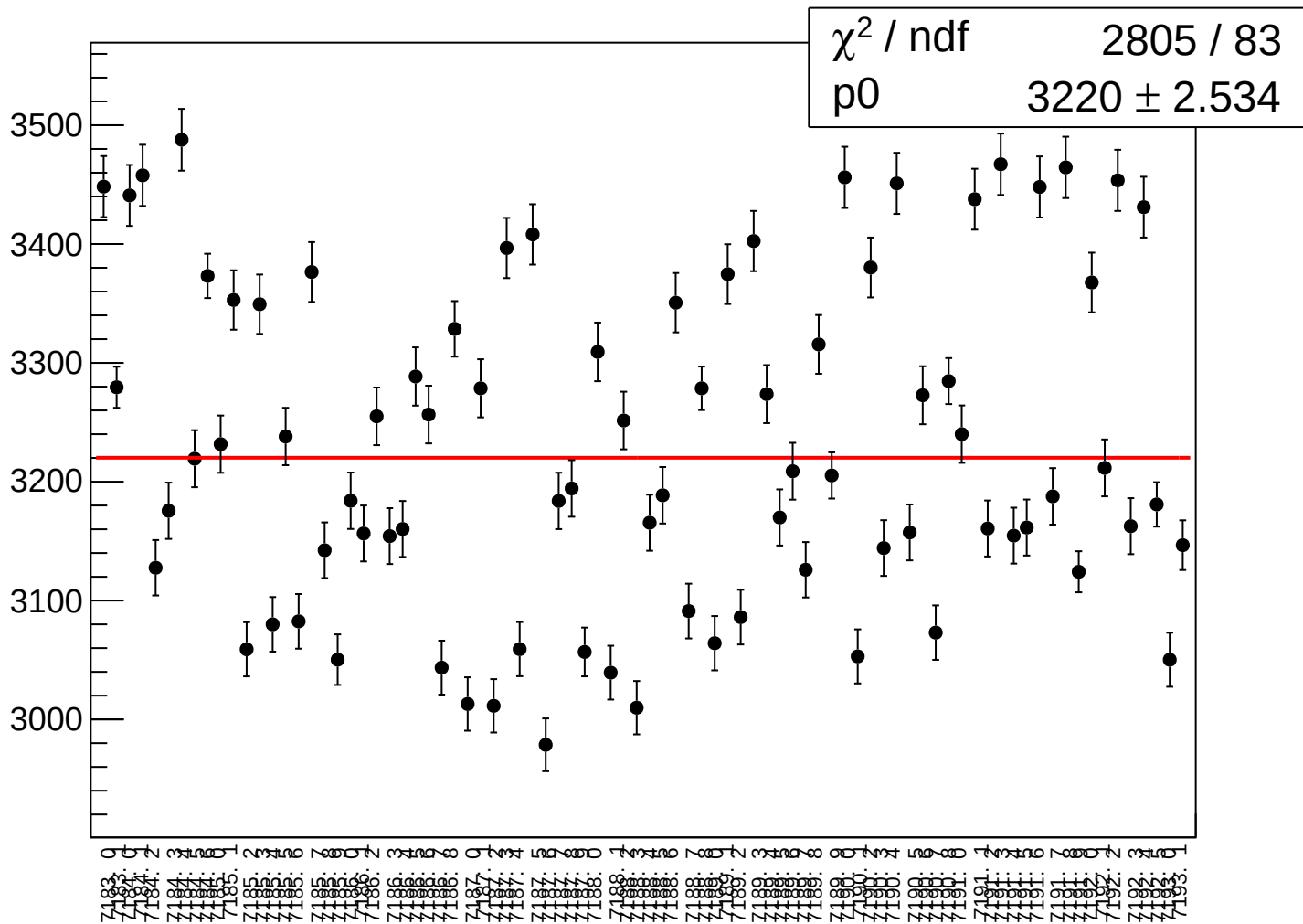
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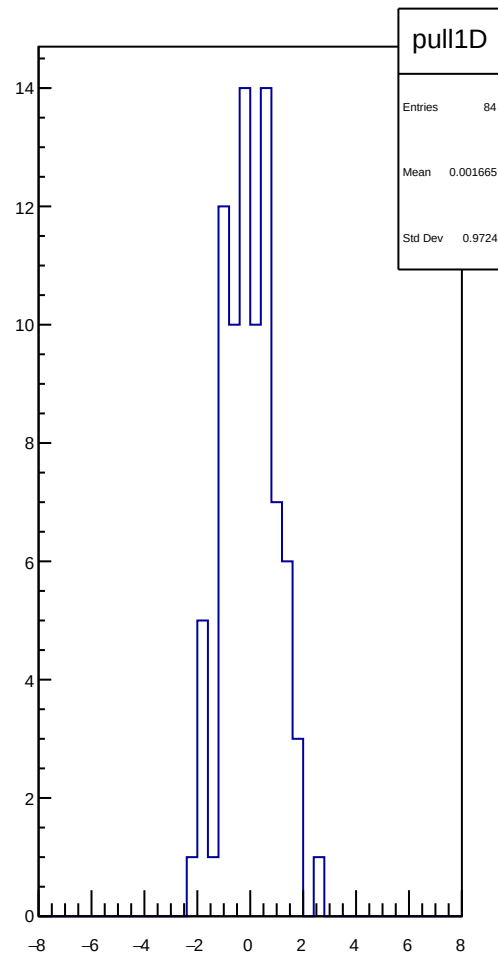
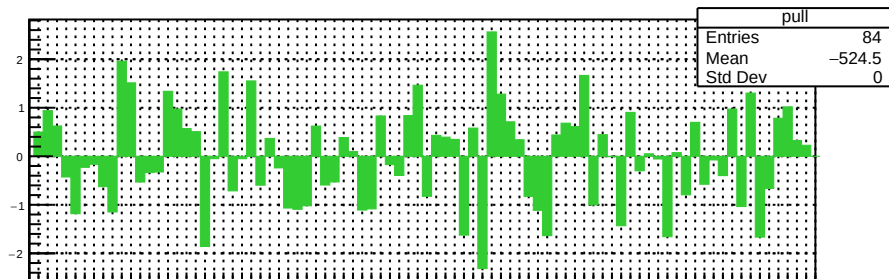
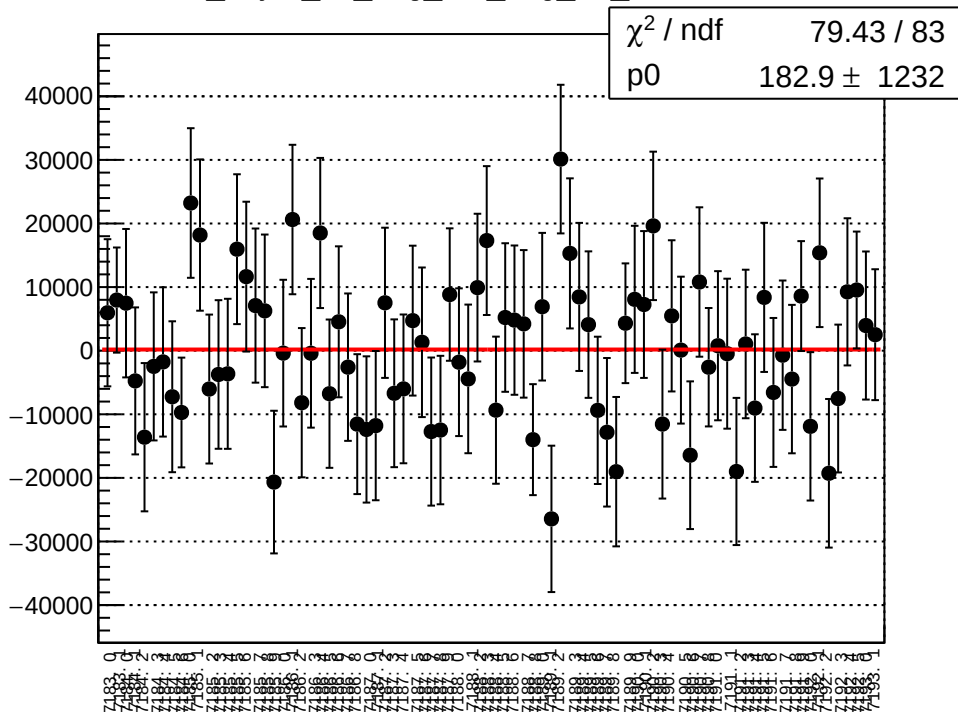
asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs run



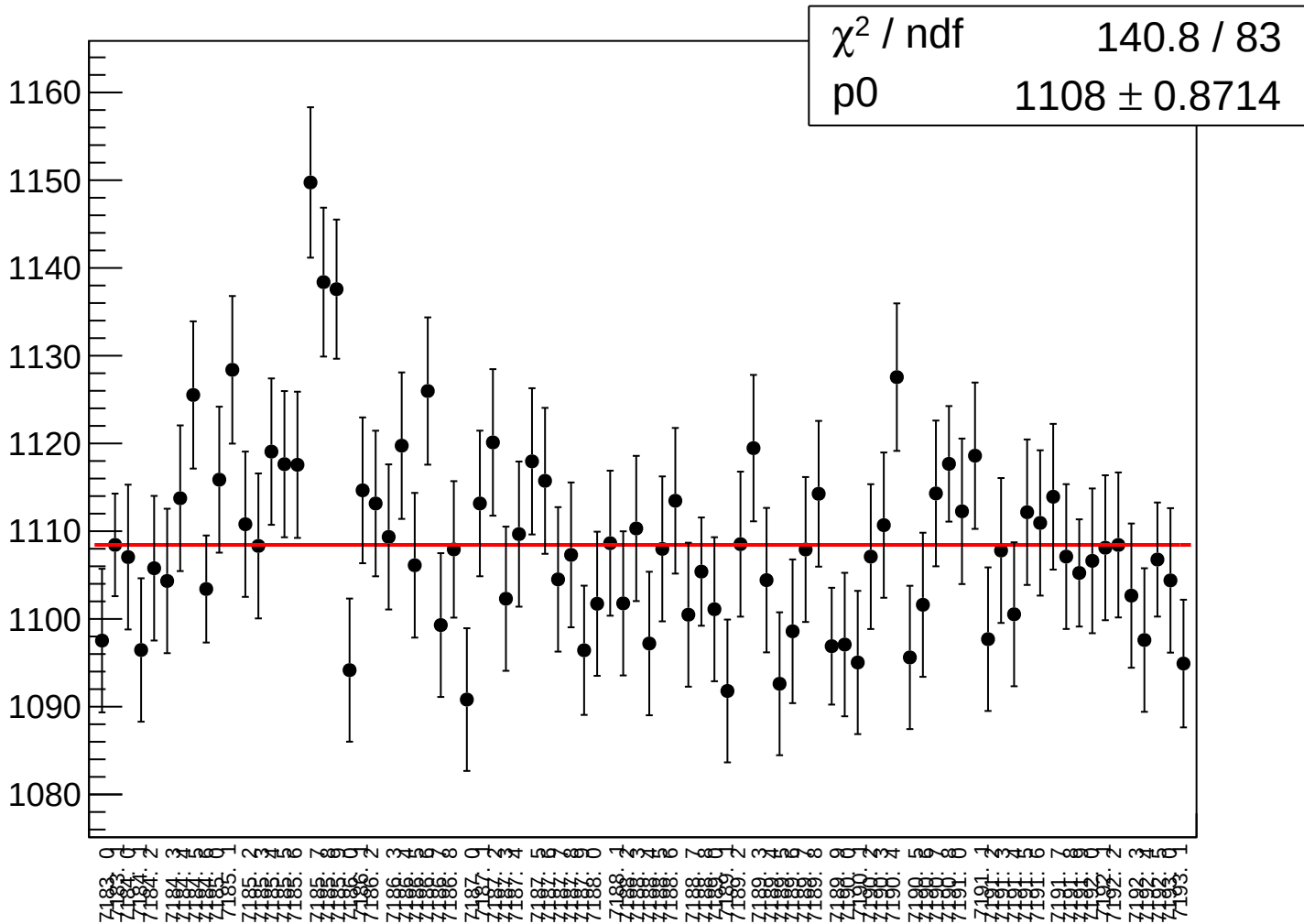
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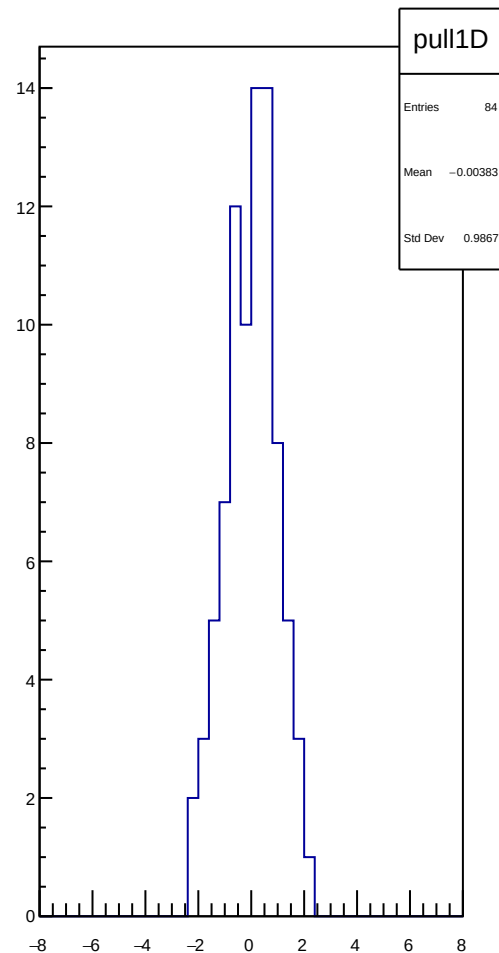
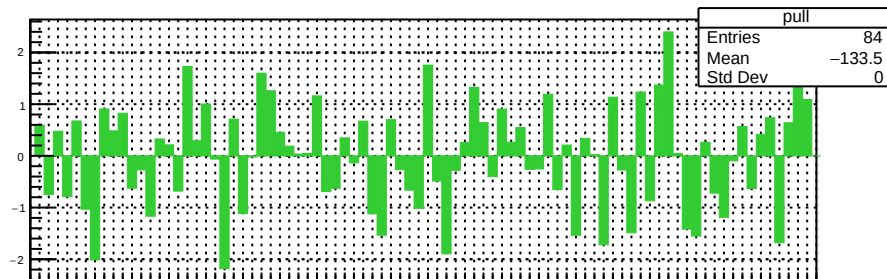
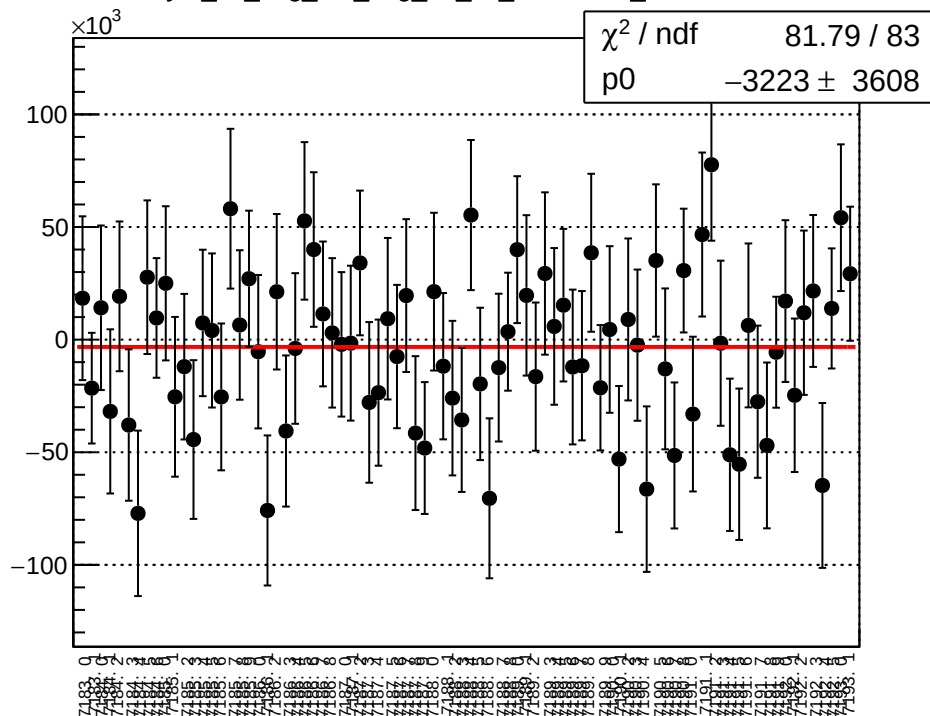
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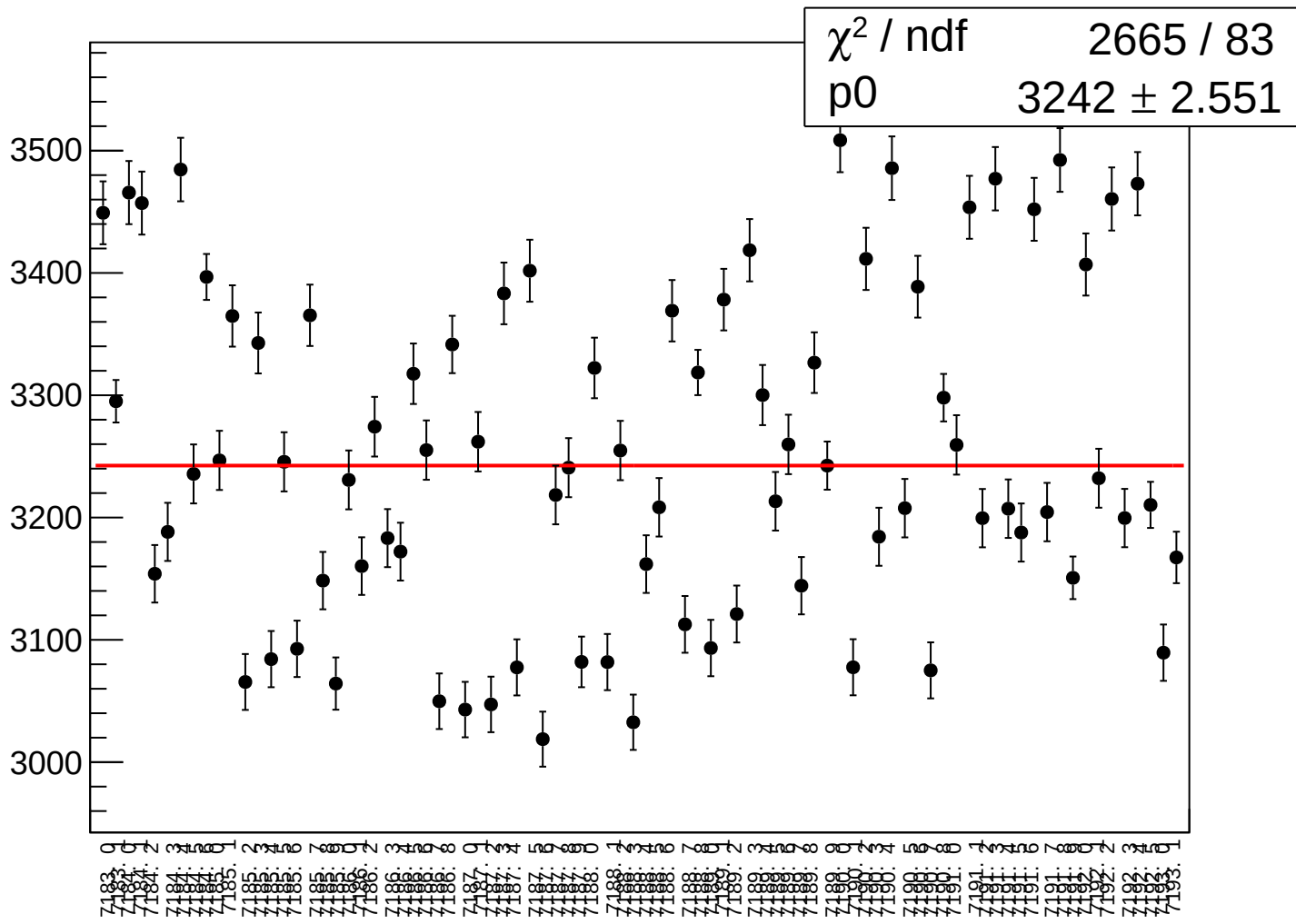
dit_asym_us_avg_atlr_avg_dd_rms vs run



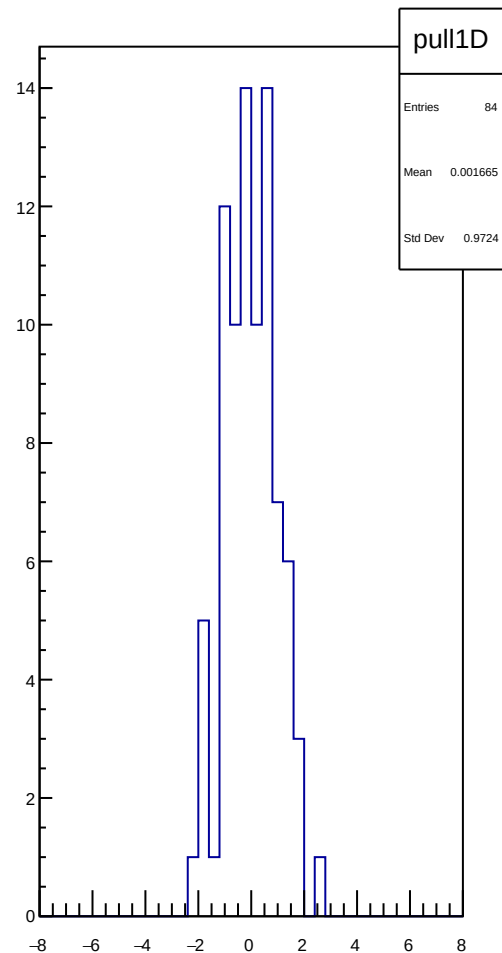
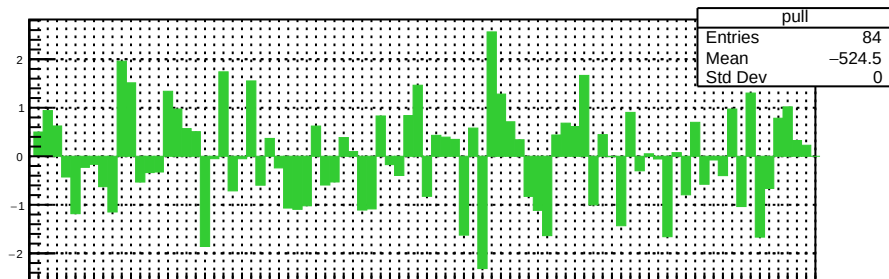
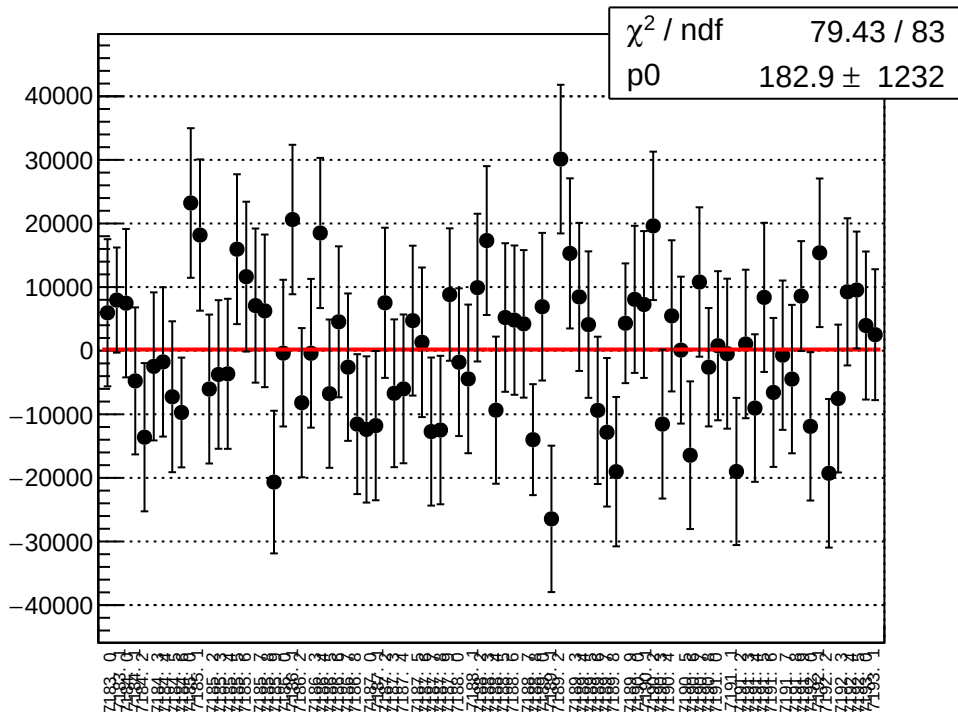
asym_us_avg_atlr_avg_dd_dit_correction_mean vs run



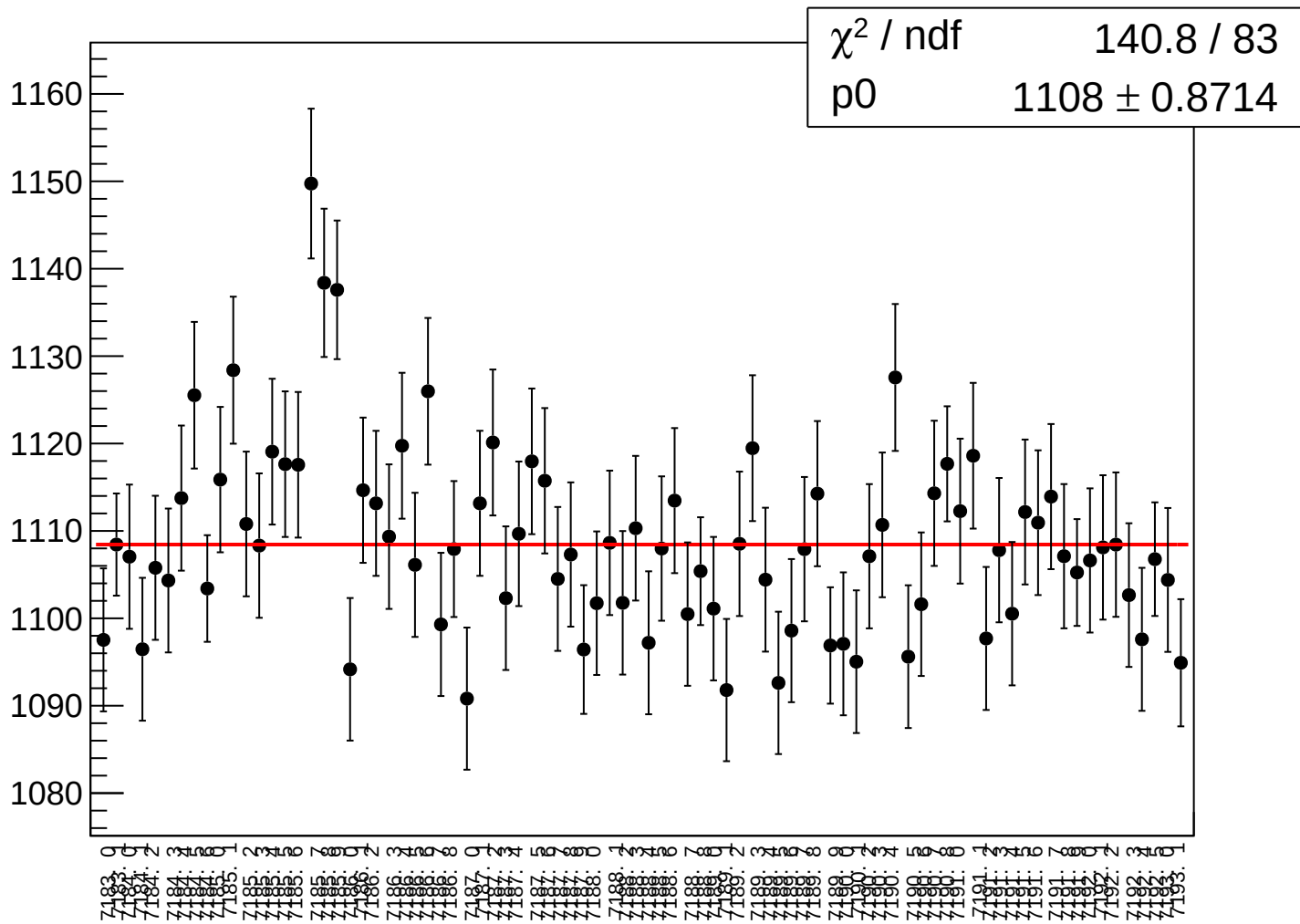
asym_us_avg_atlr_avg_dd_dit_correction_rms vs run



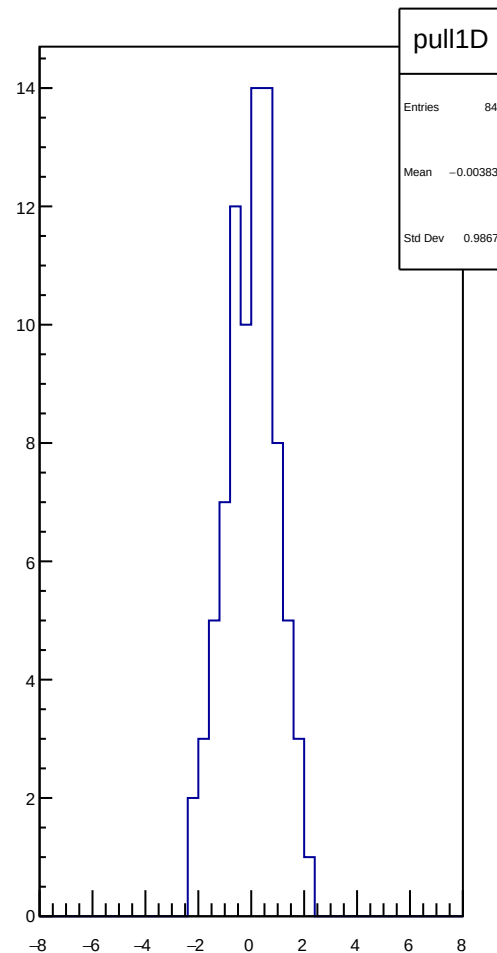
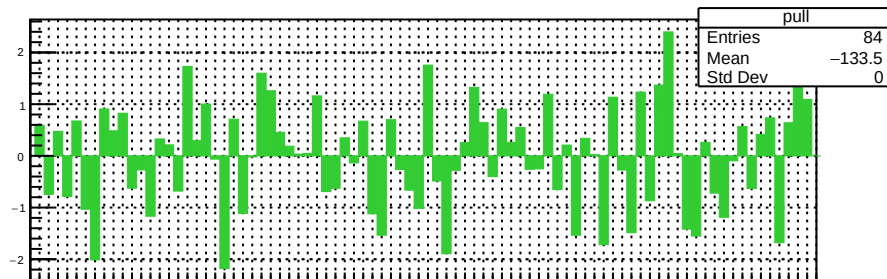
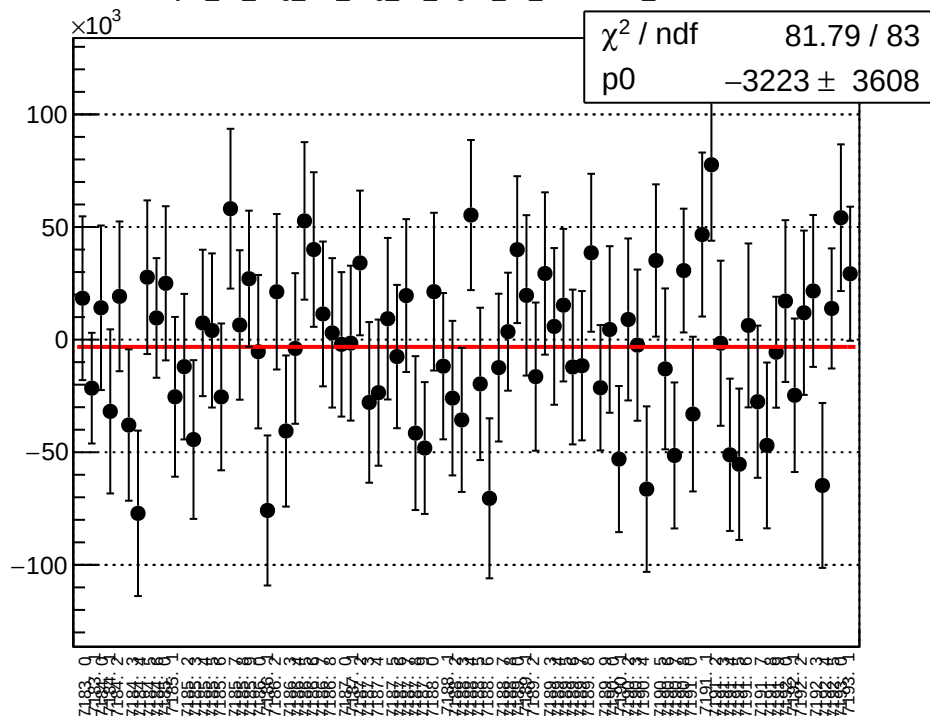
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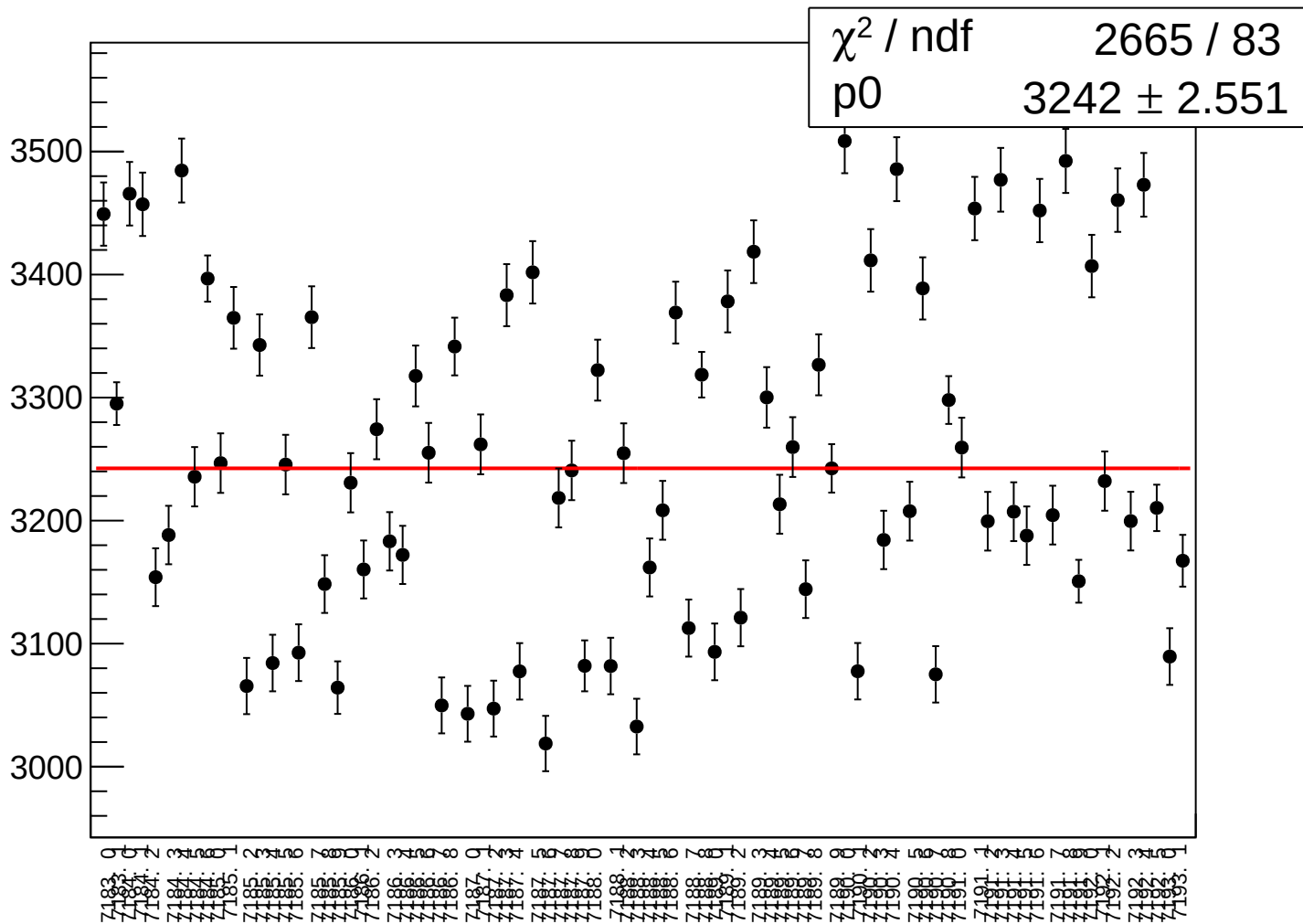
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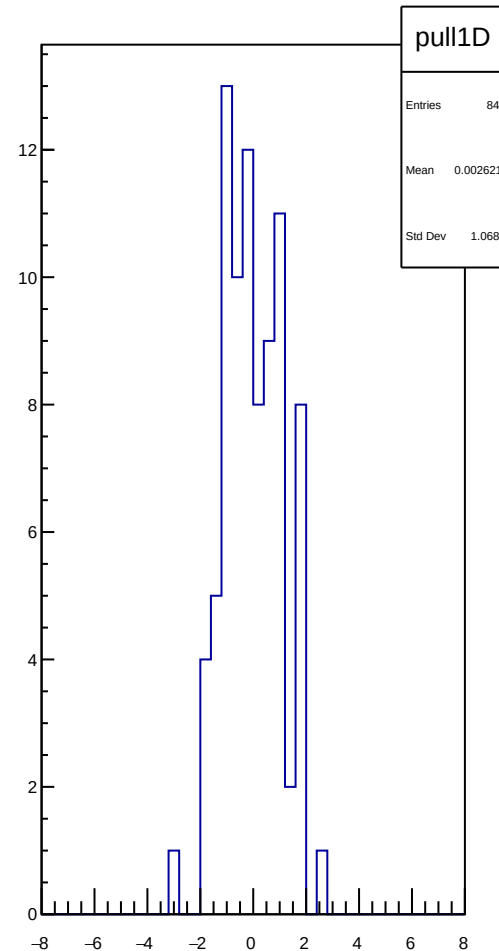
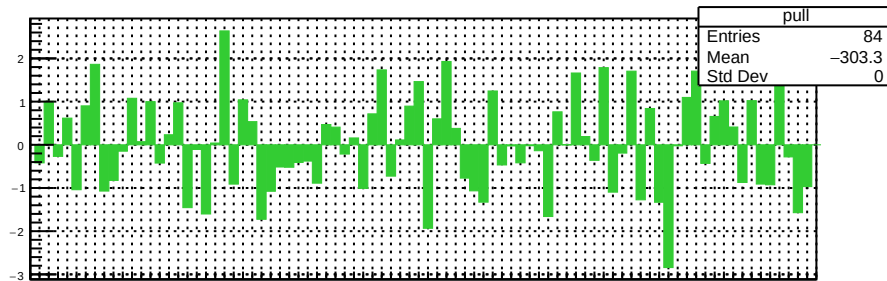
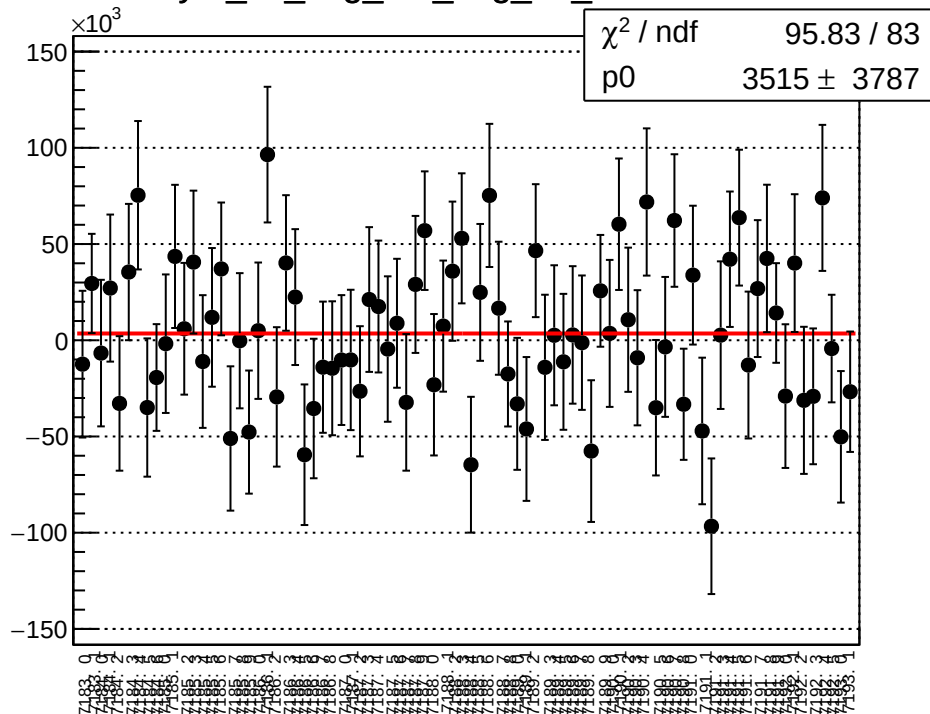
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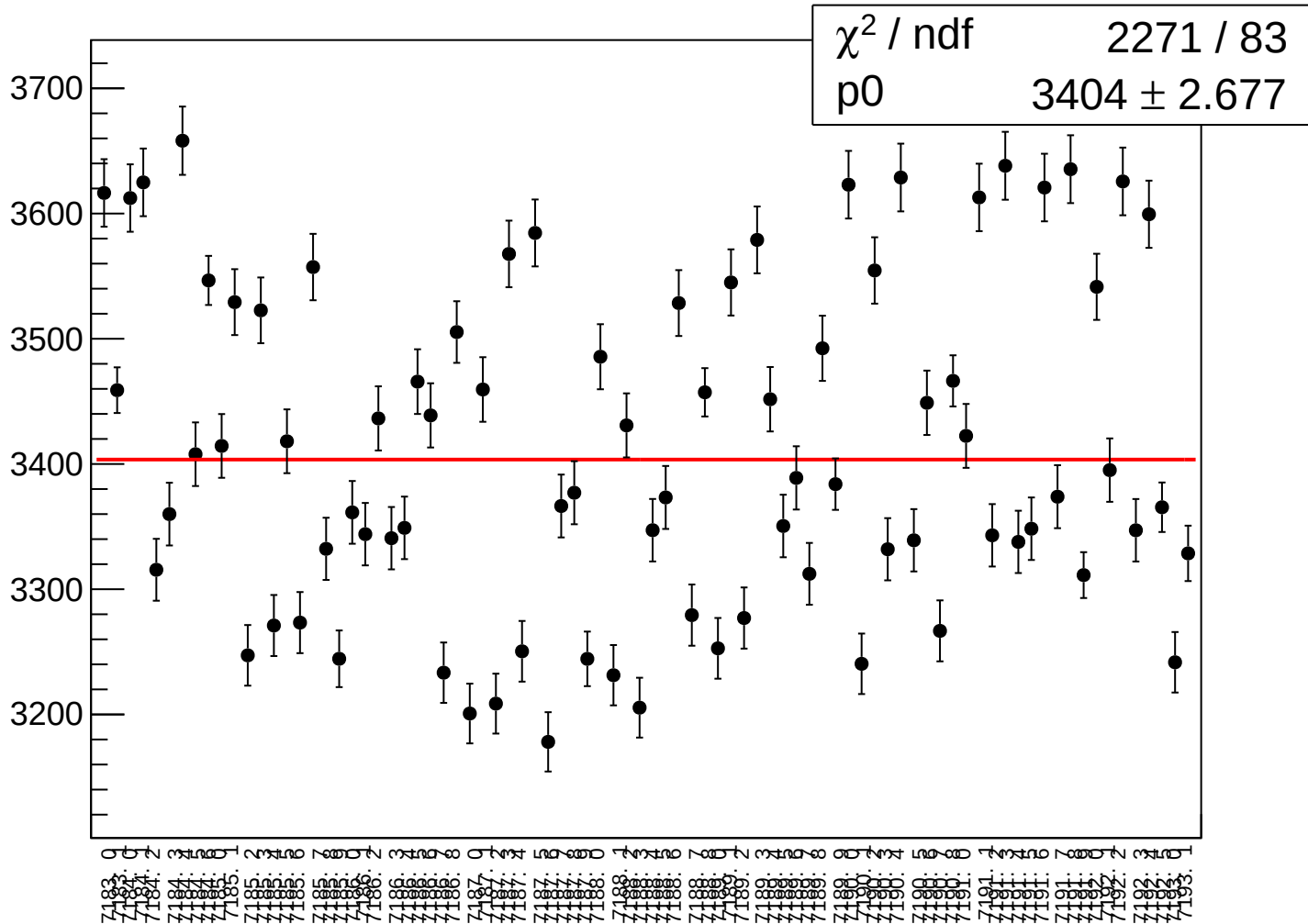
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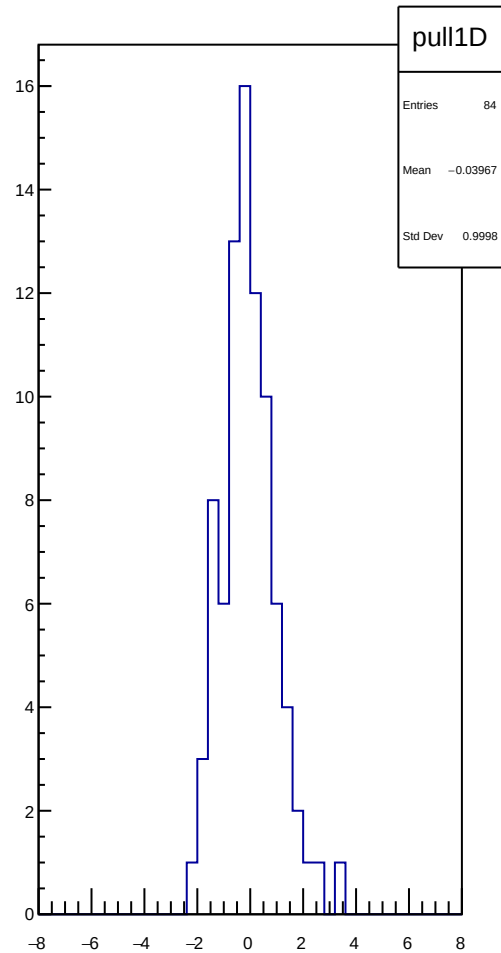
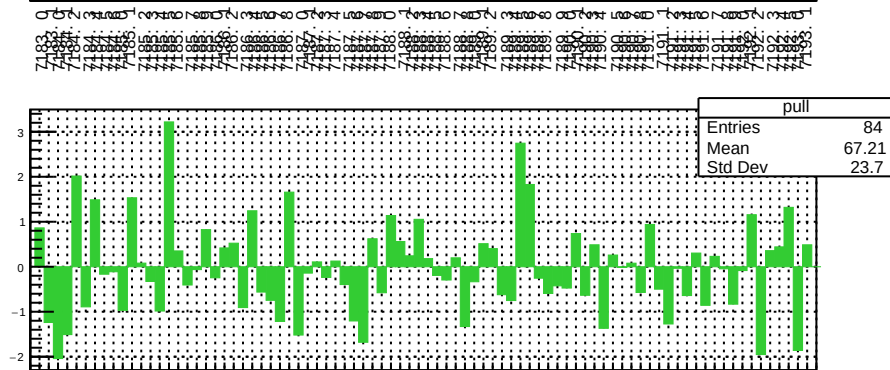
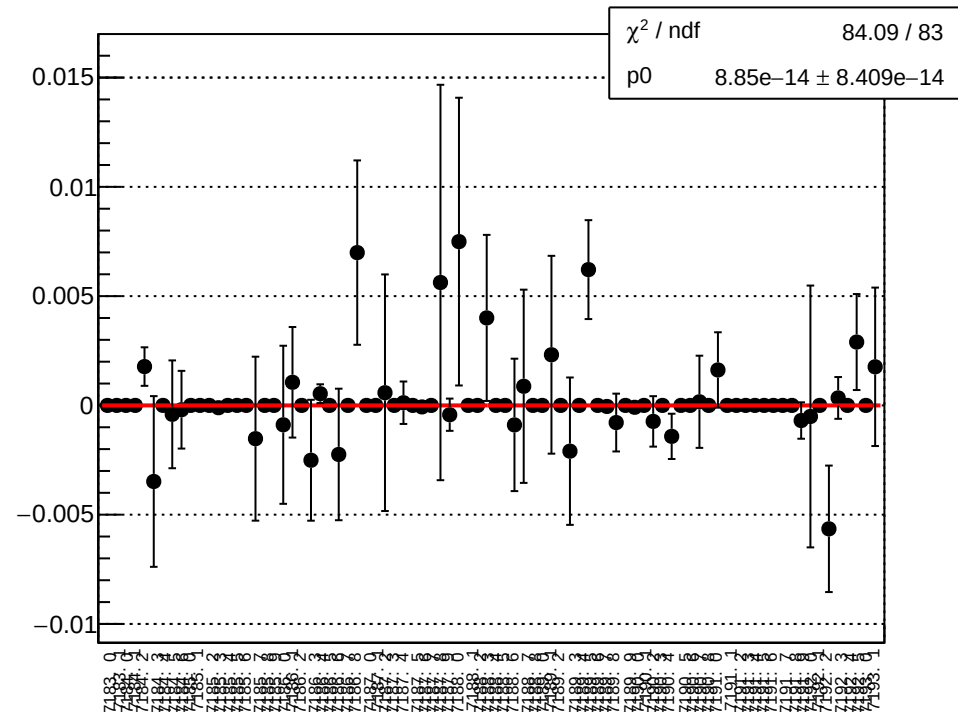
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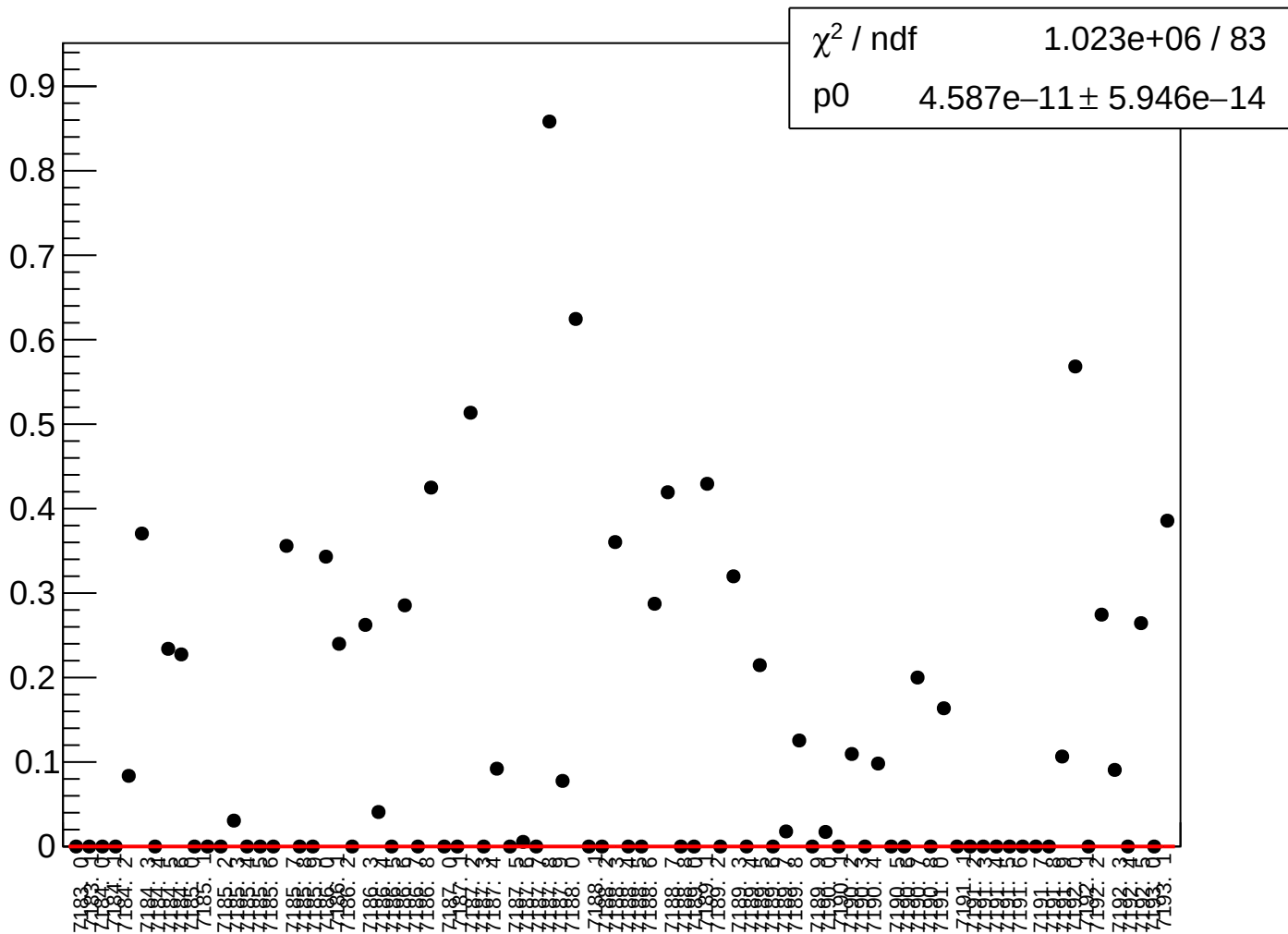
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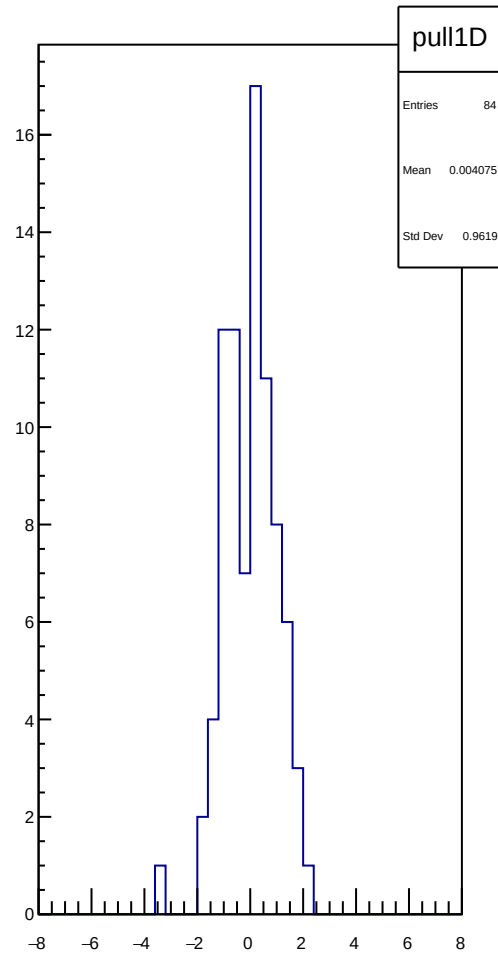
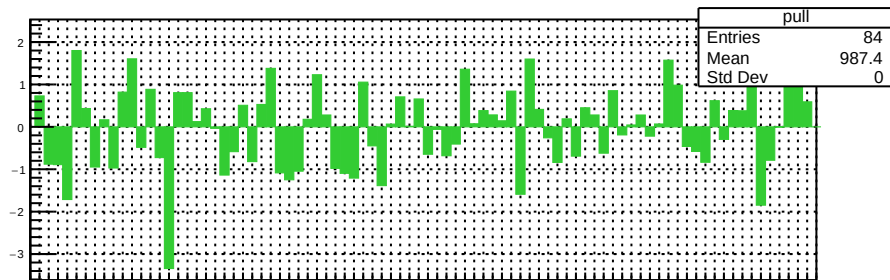
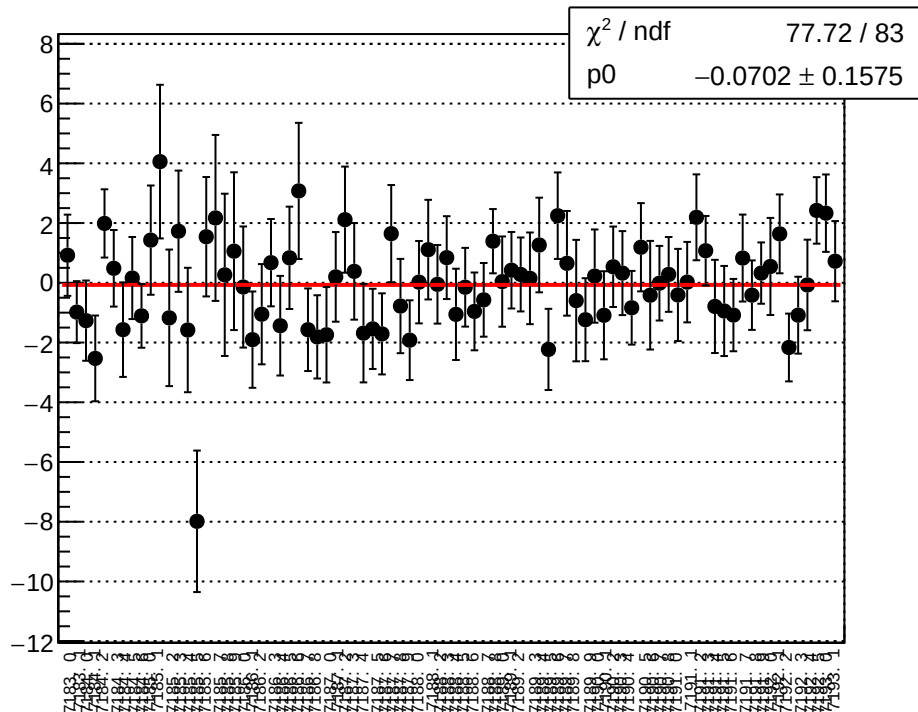
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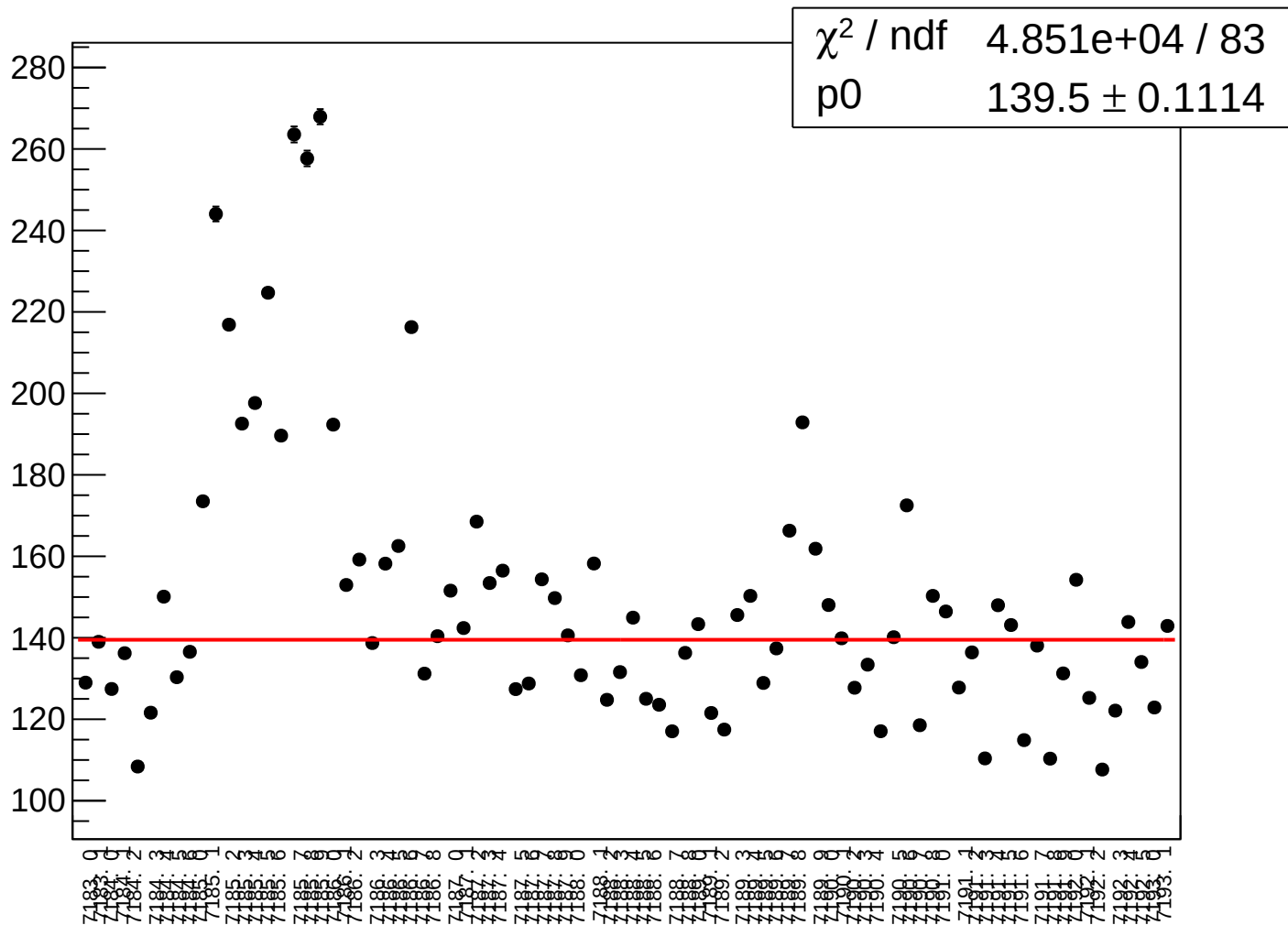
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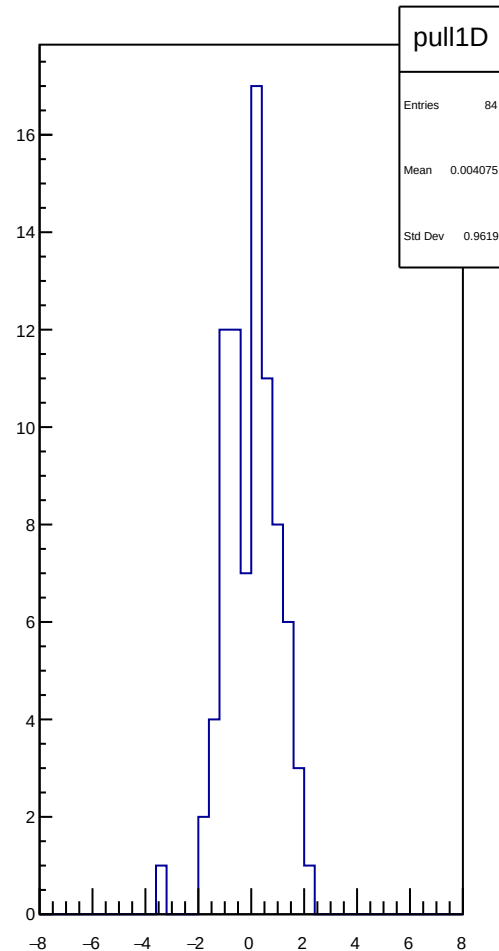
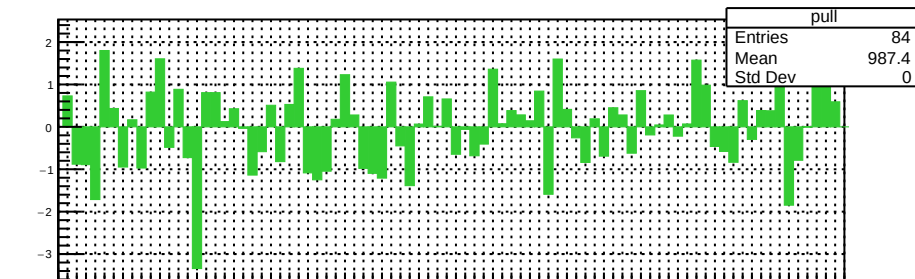
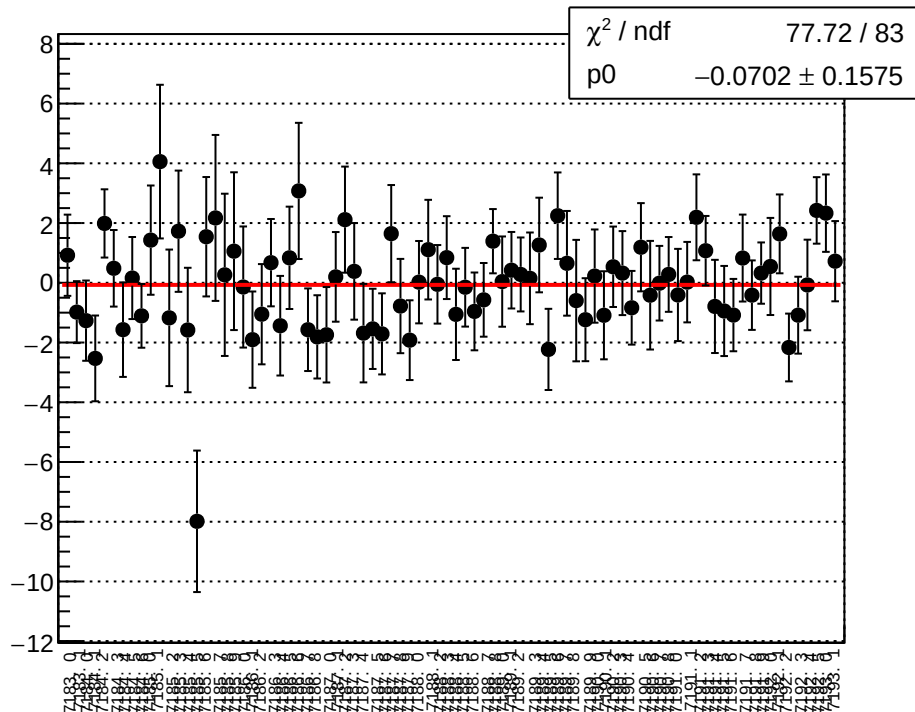
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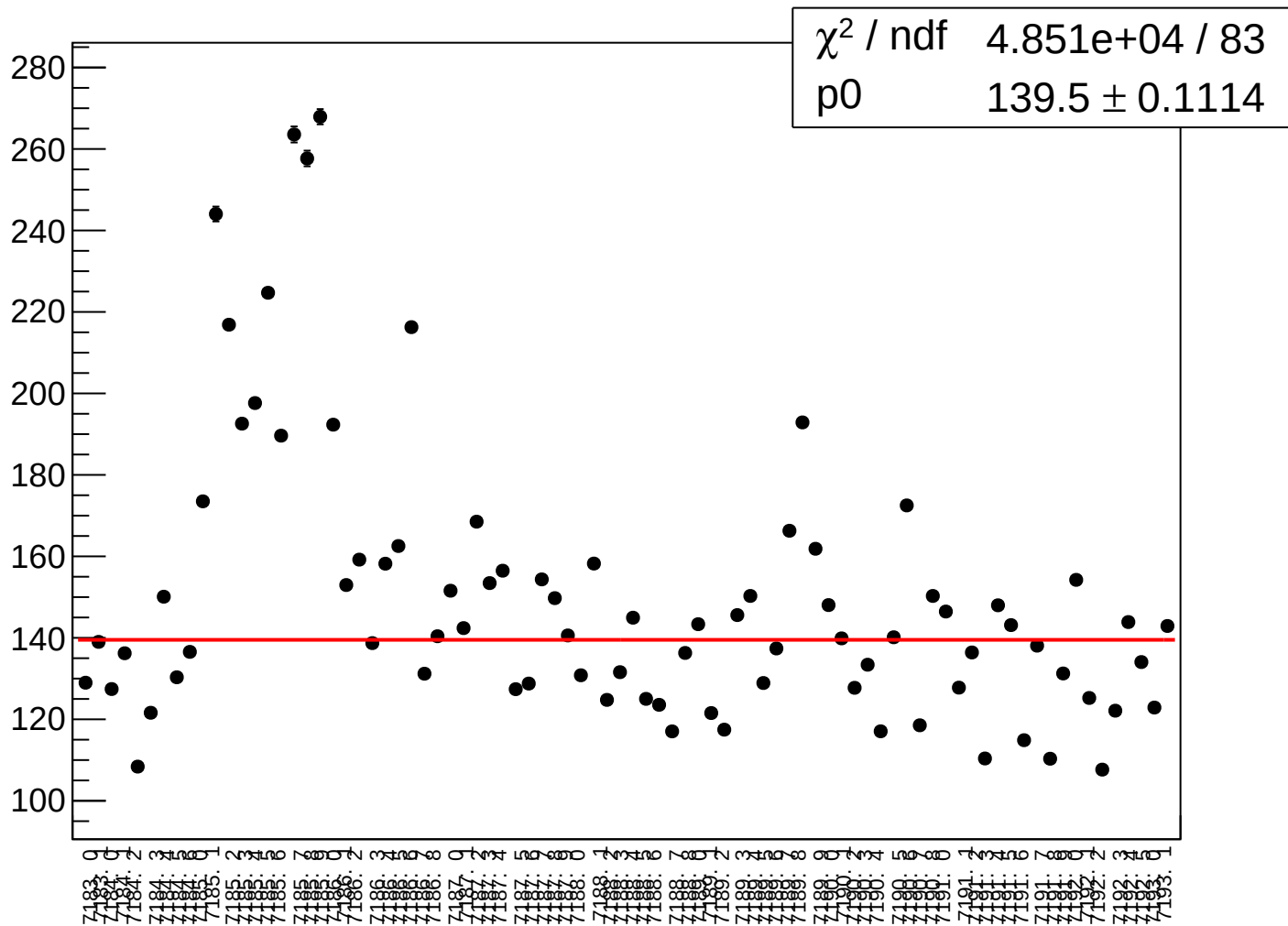
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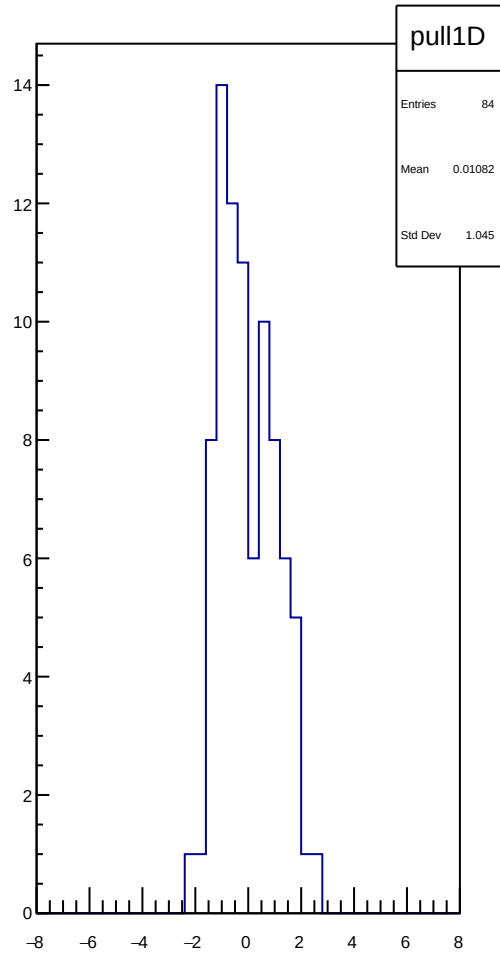
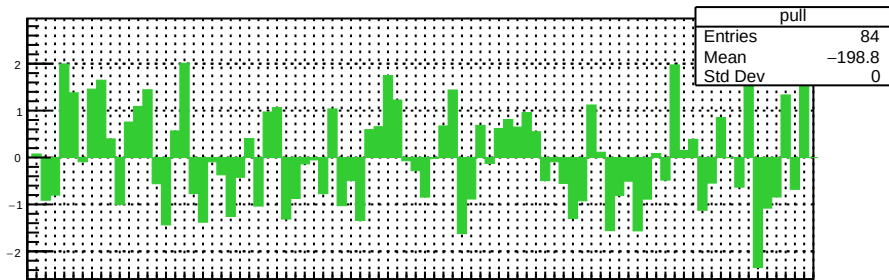
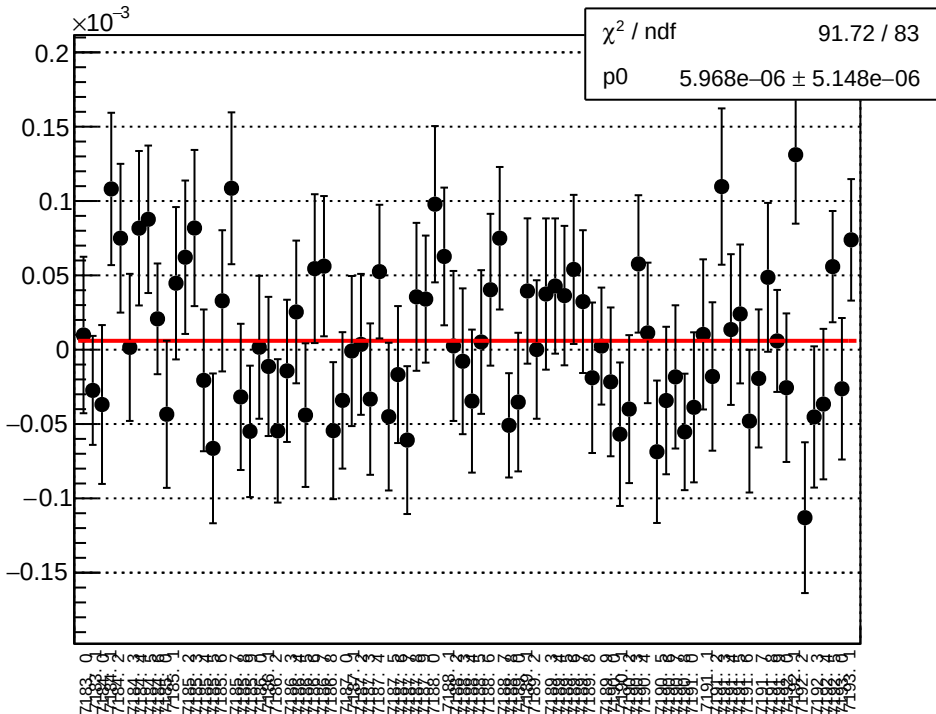
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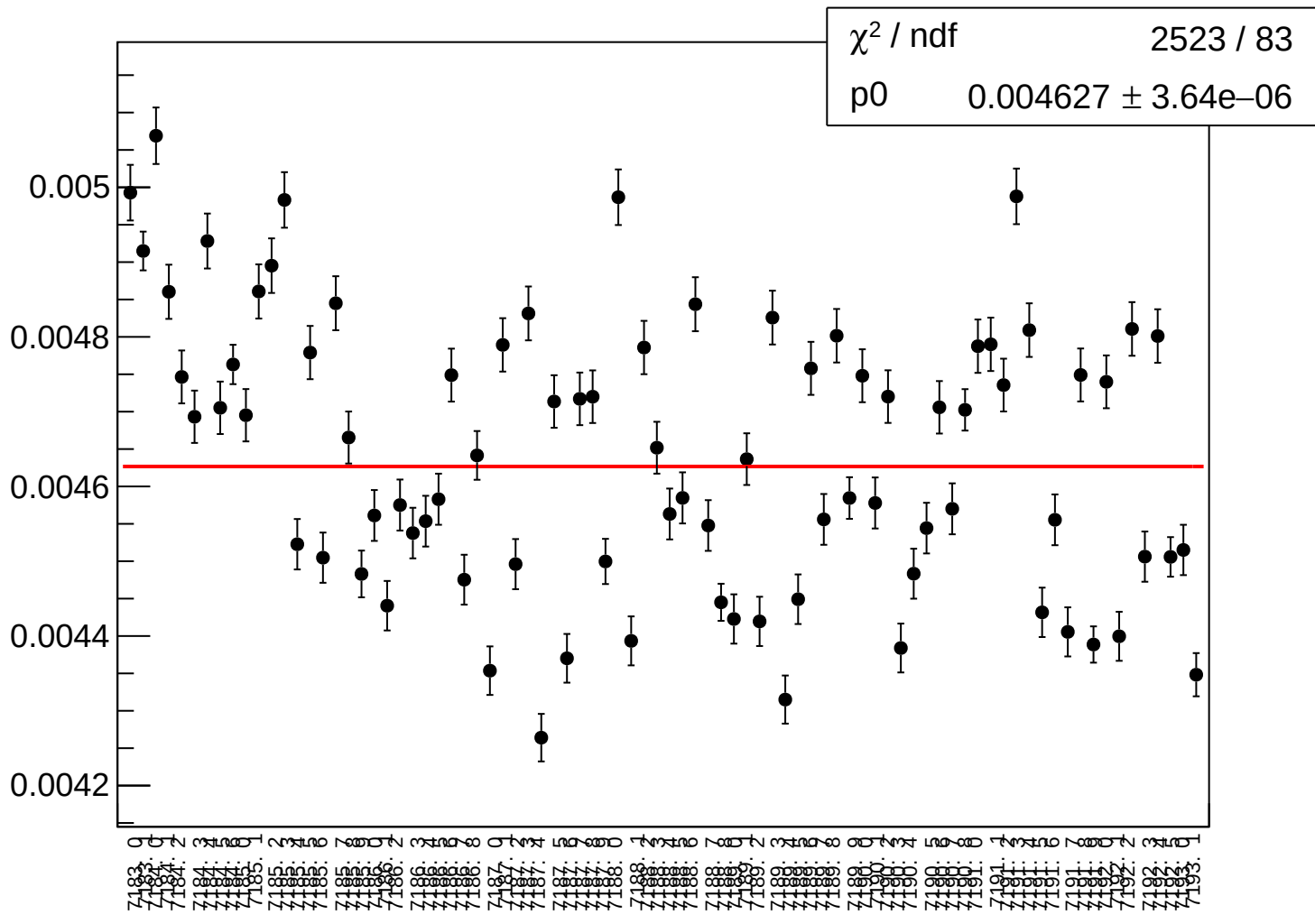
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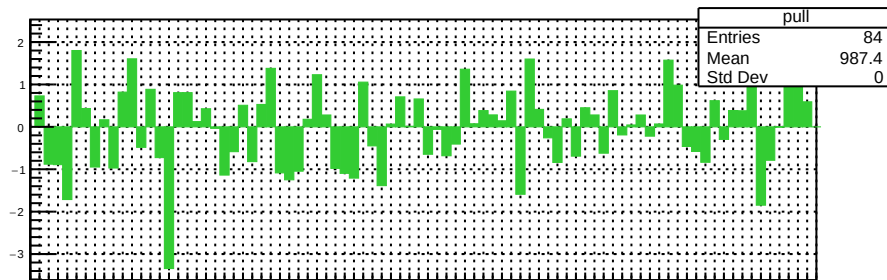
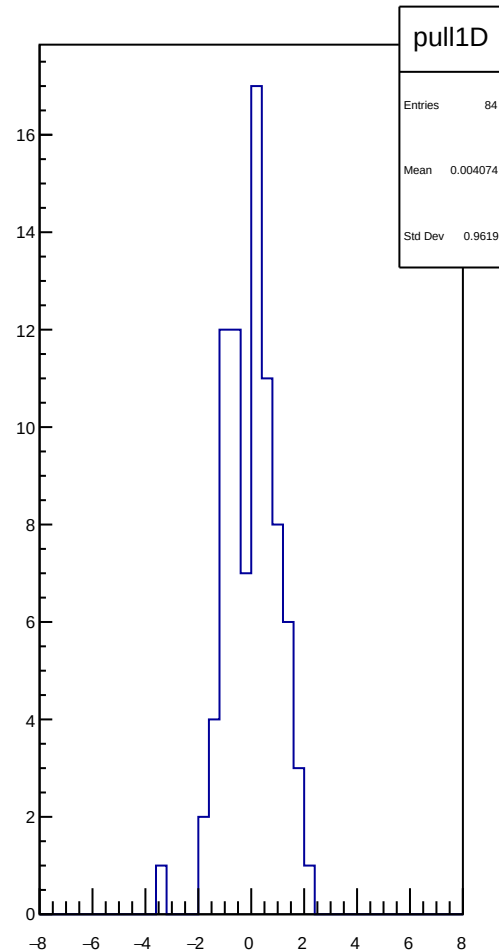
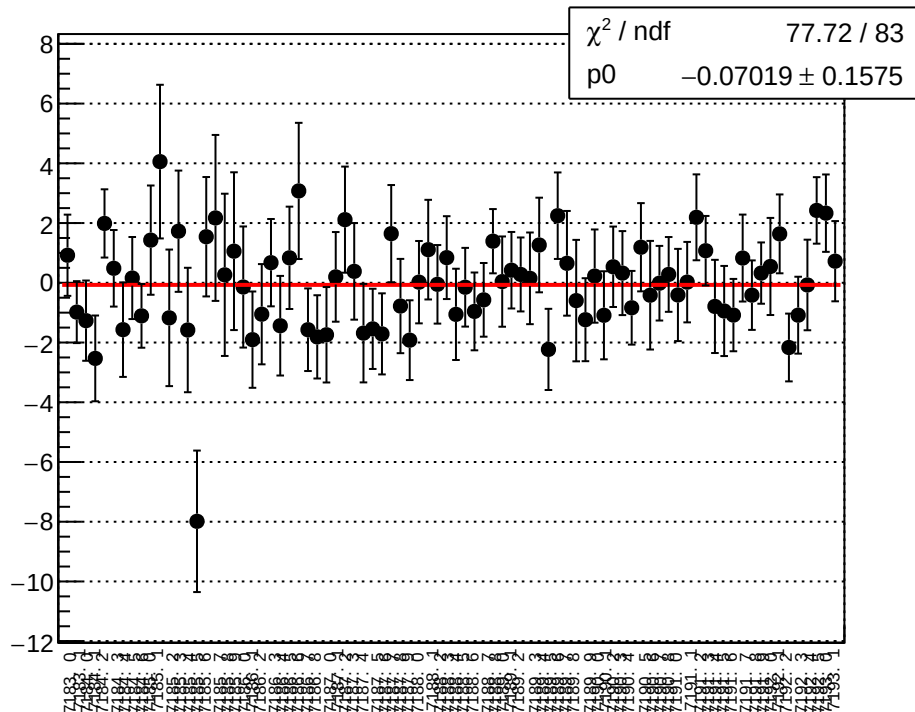
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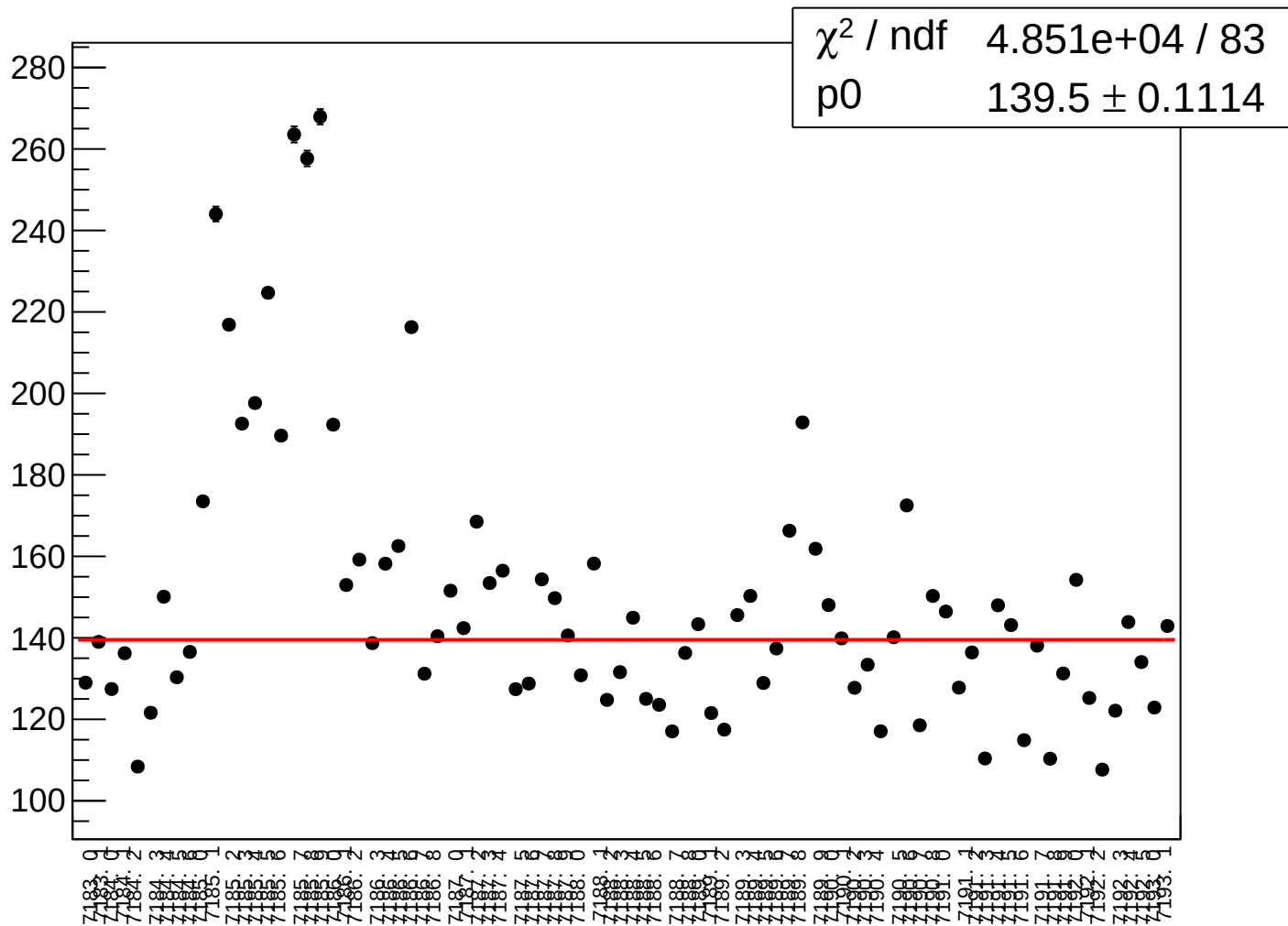
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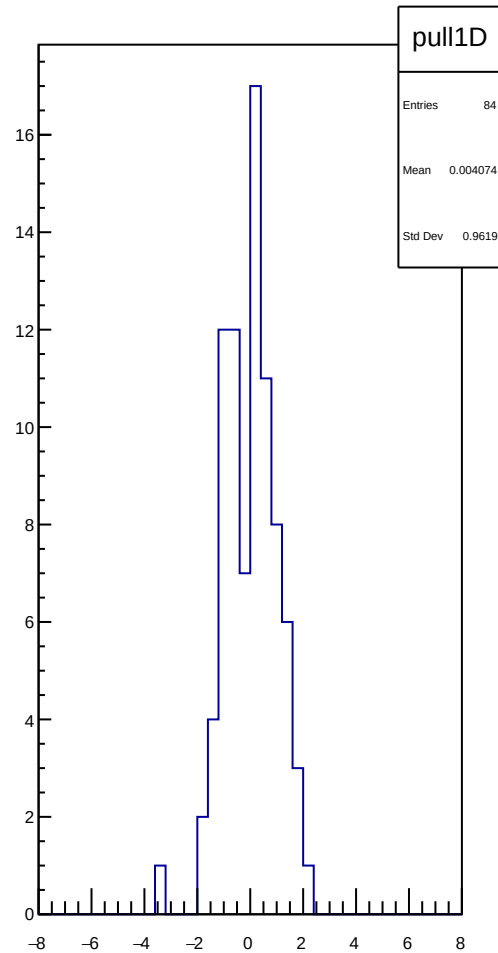
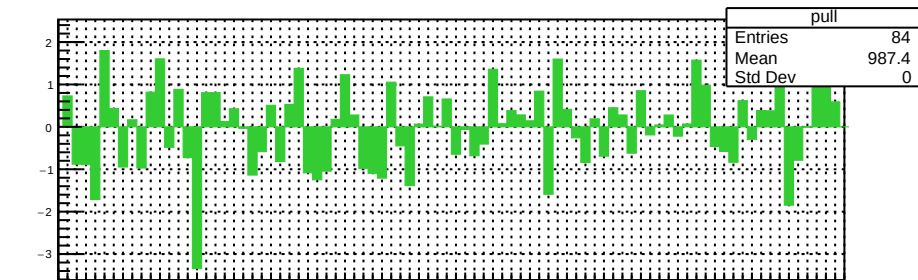
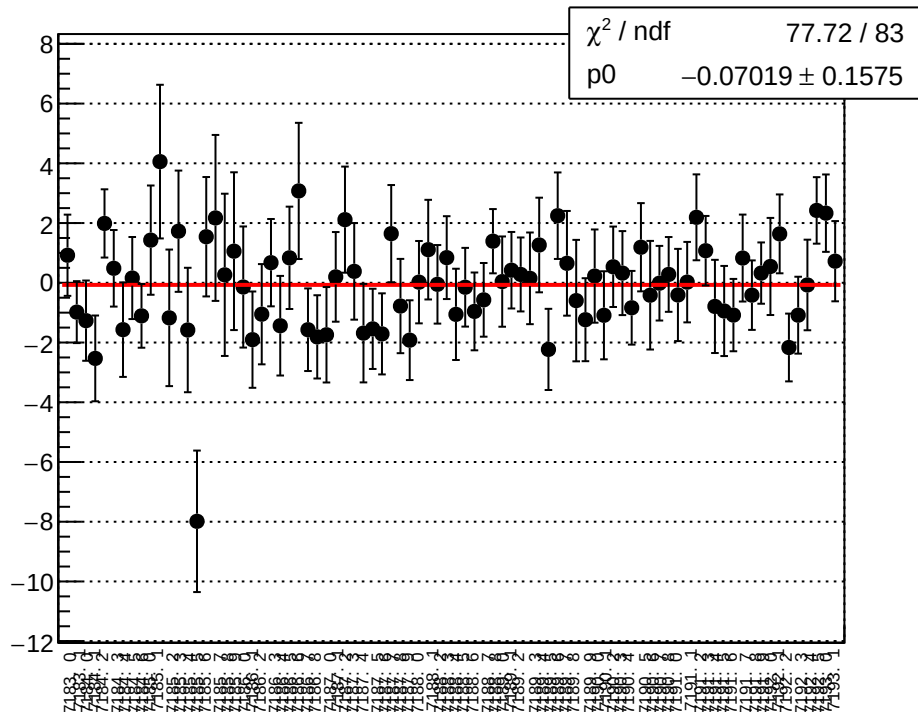
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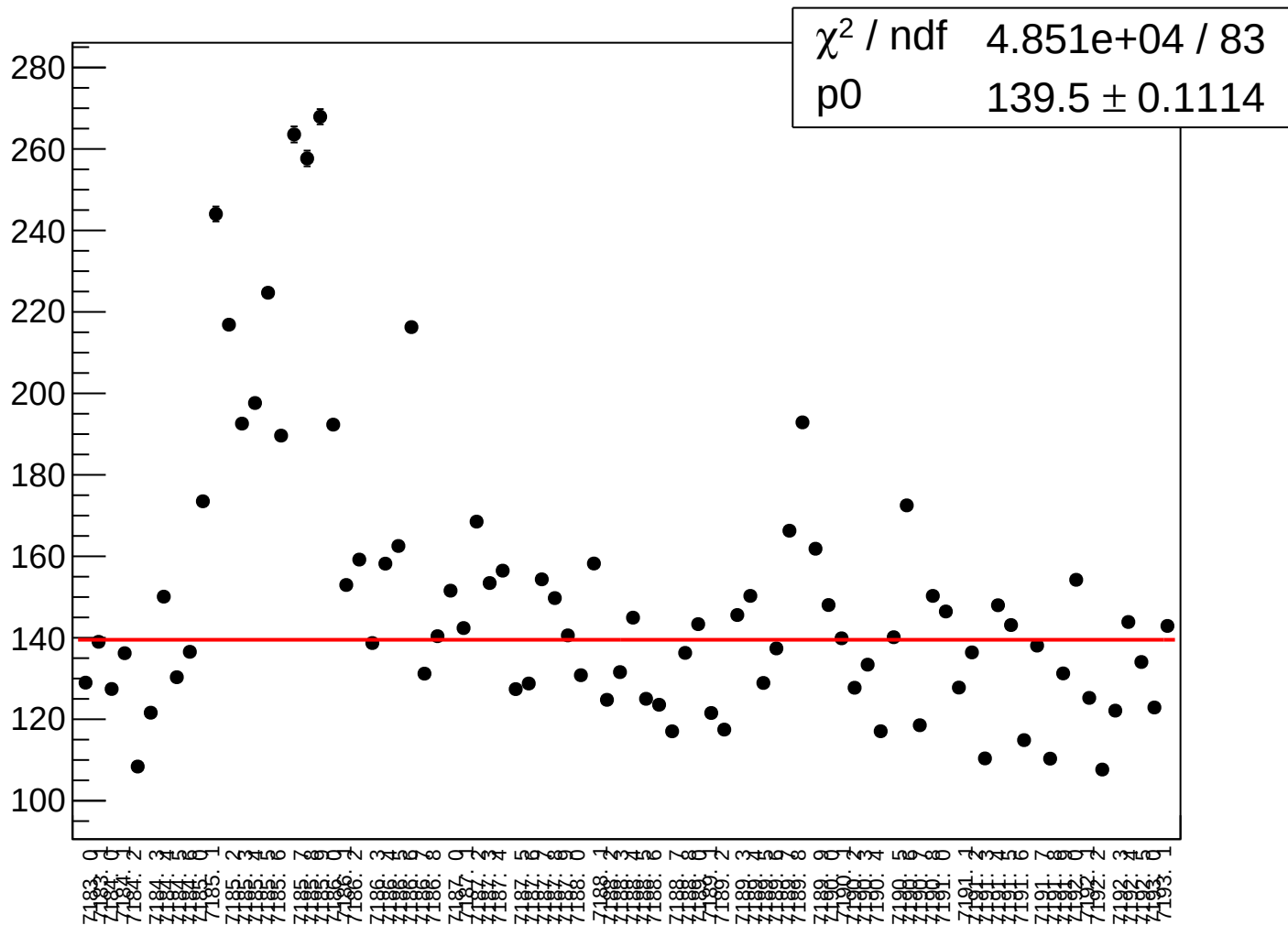
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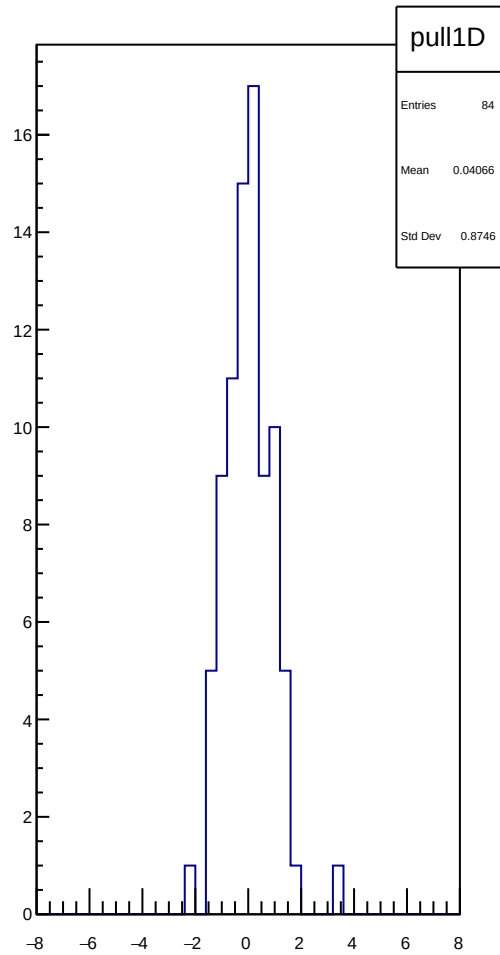
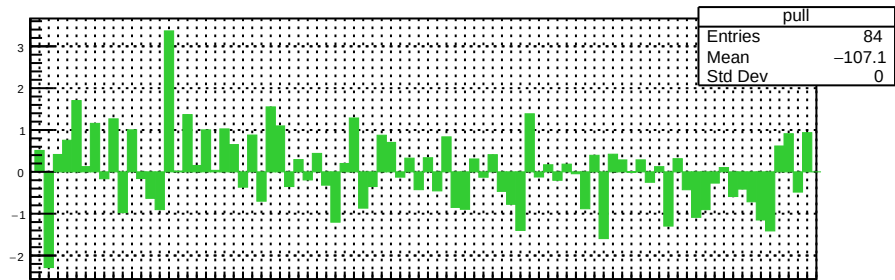
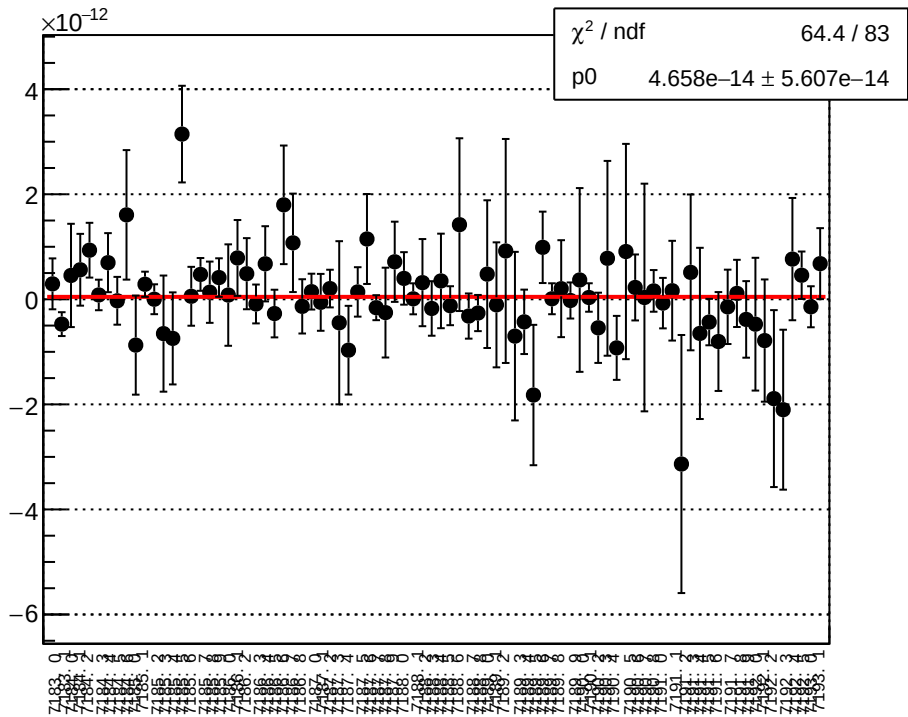
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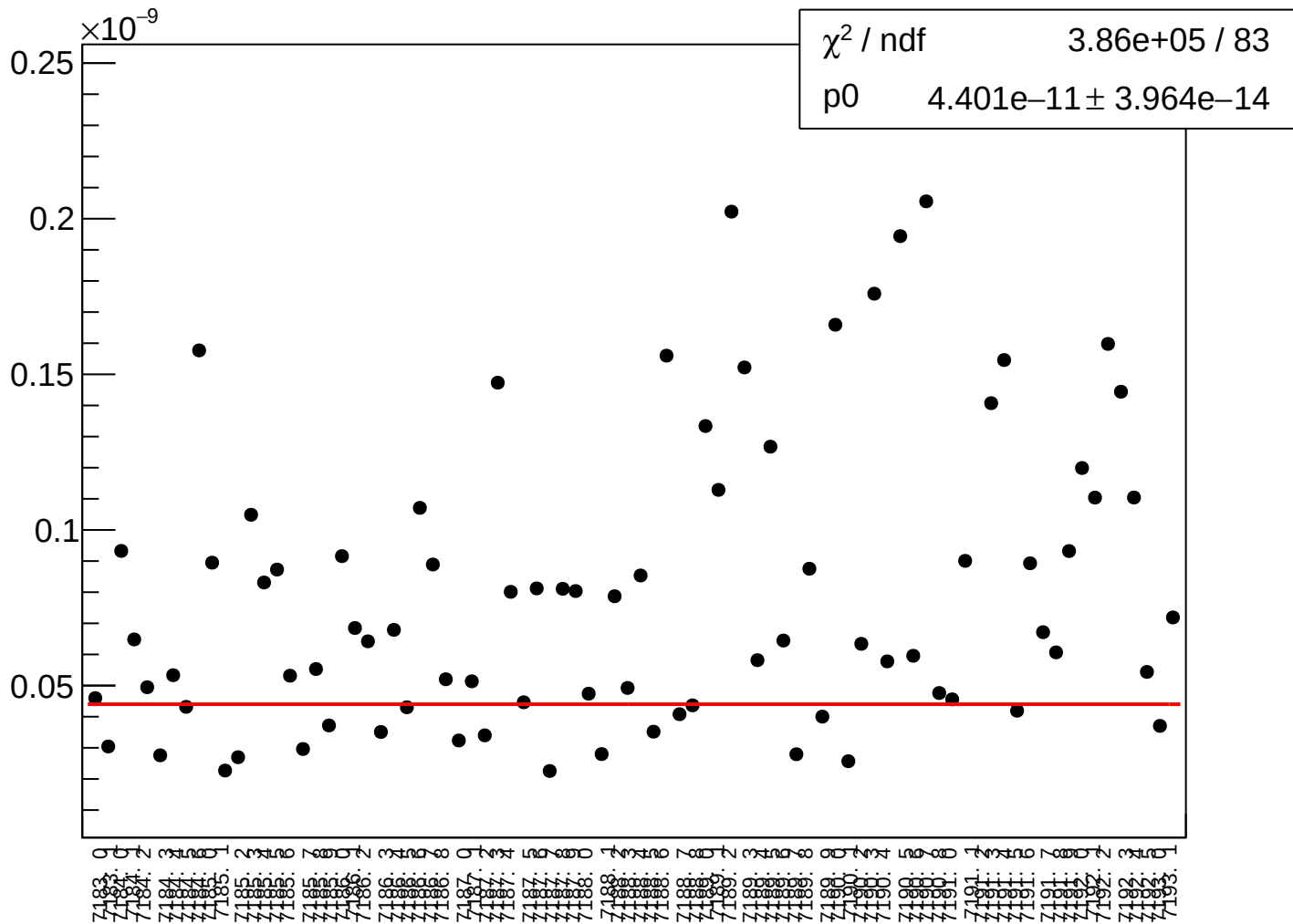
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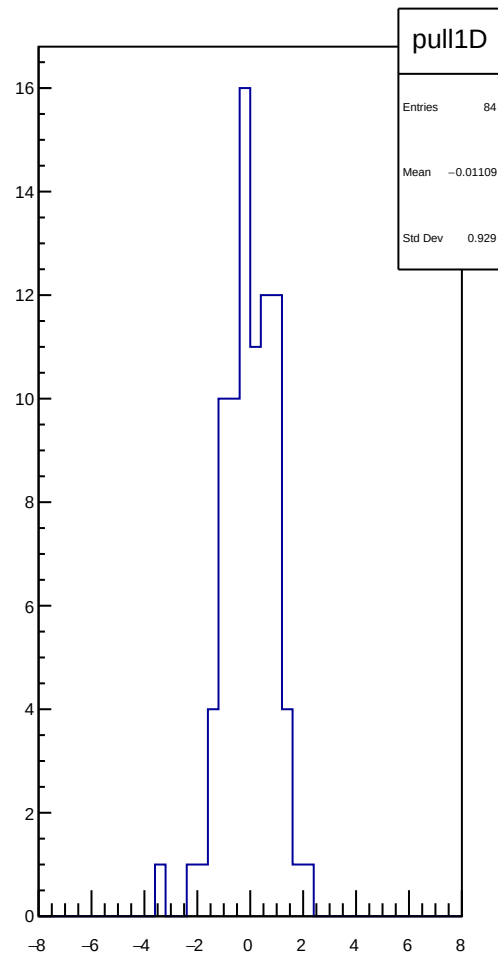
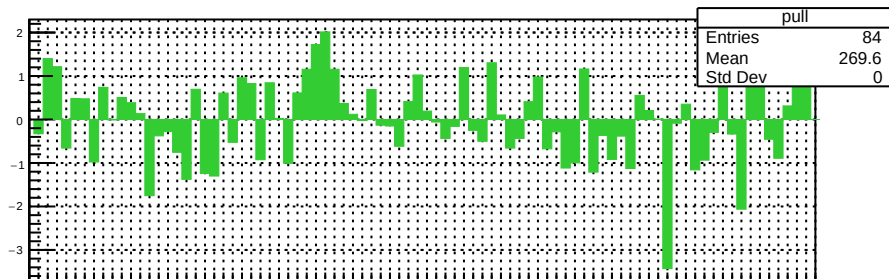
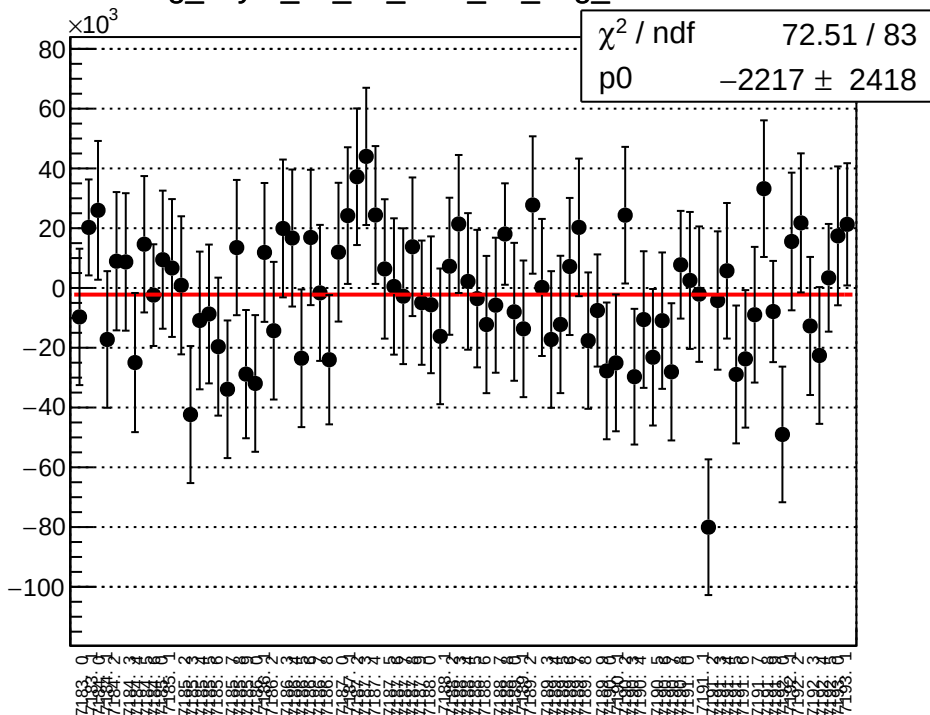
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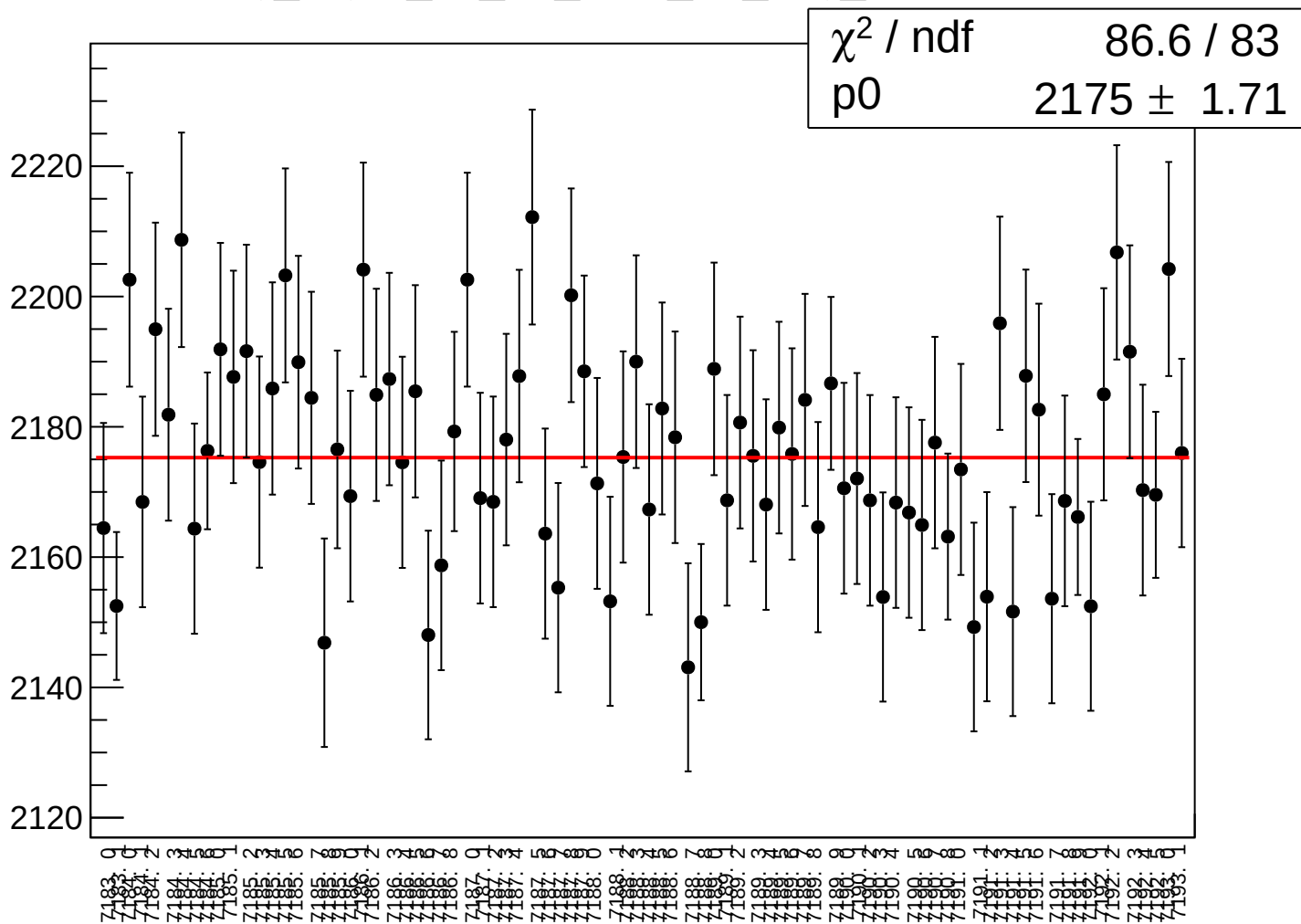
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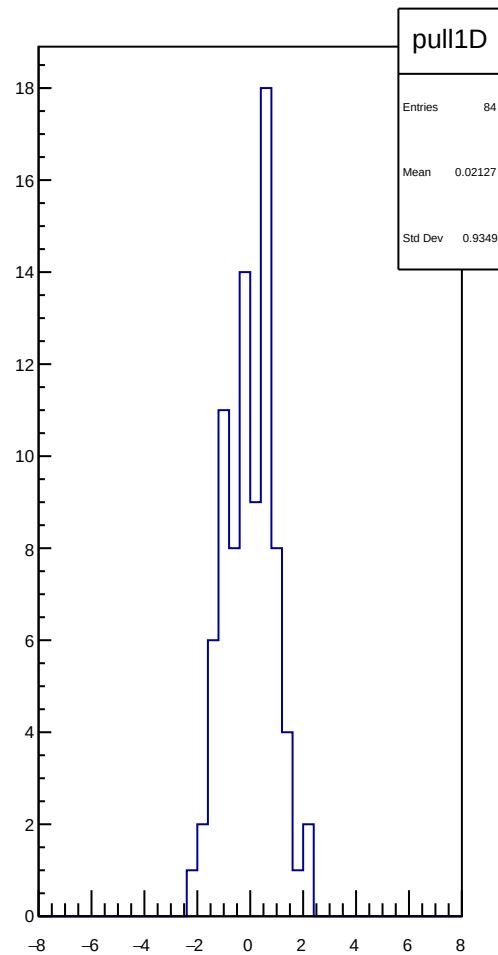
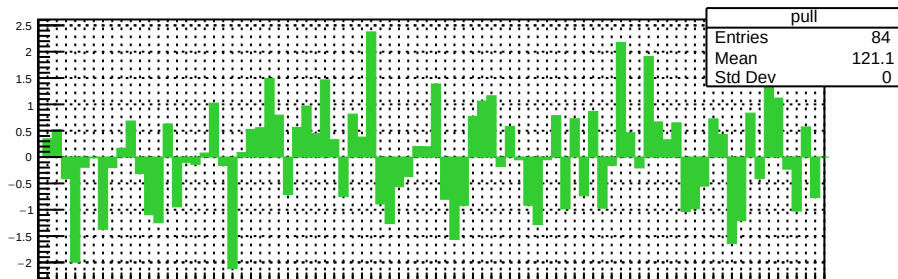
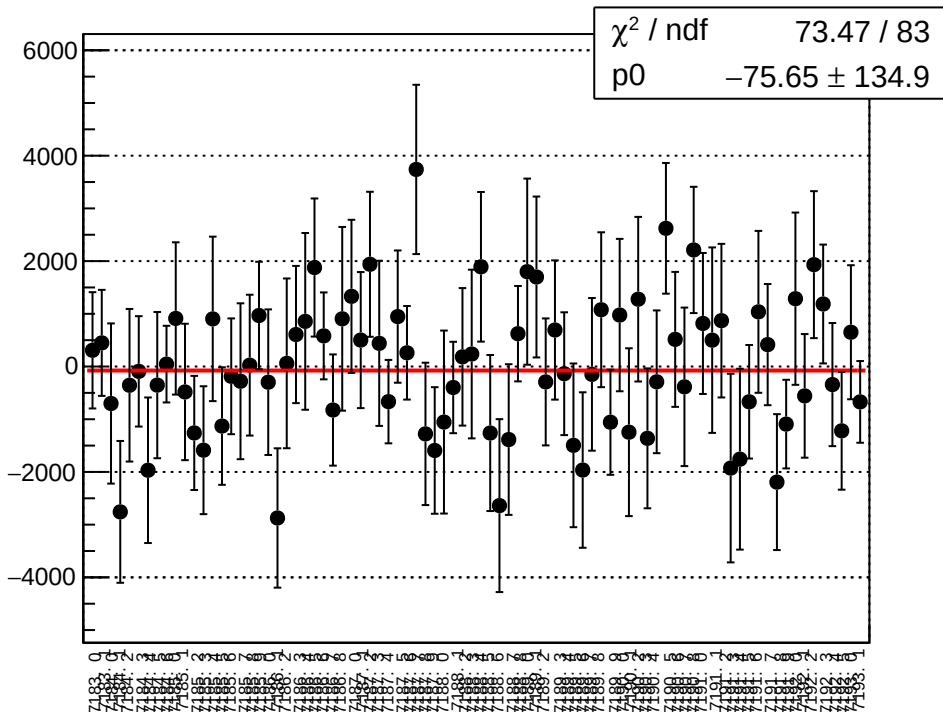
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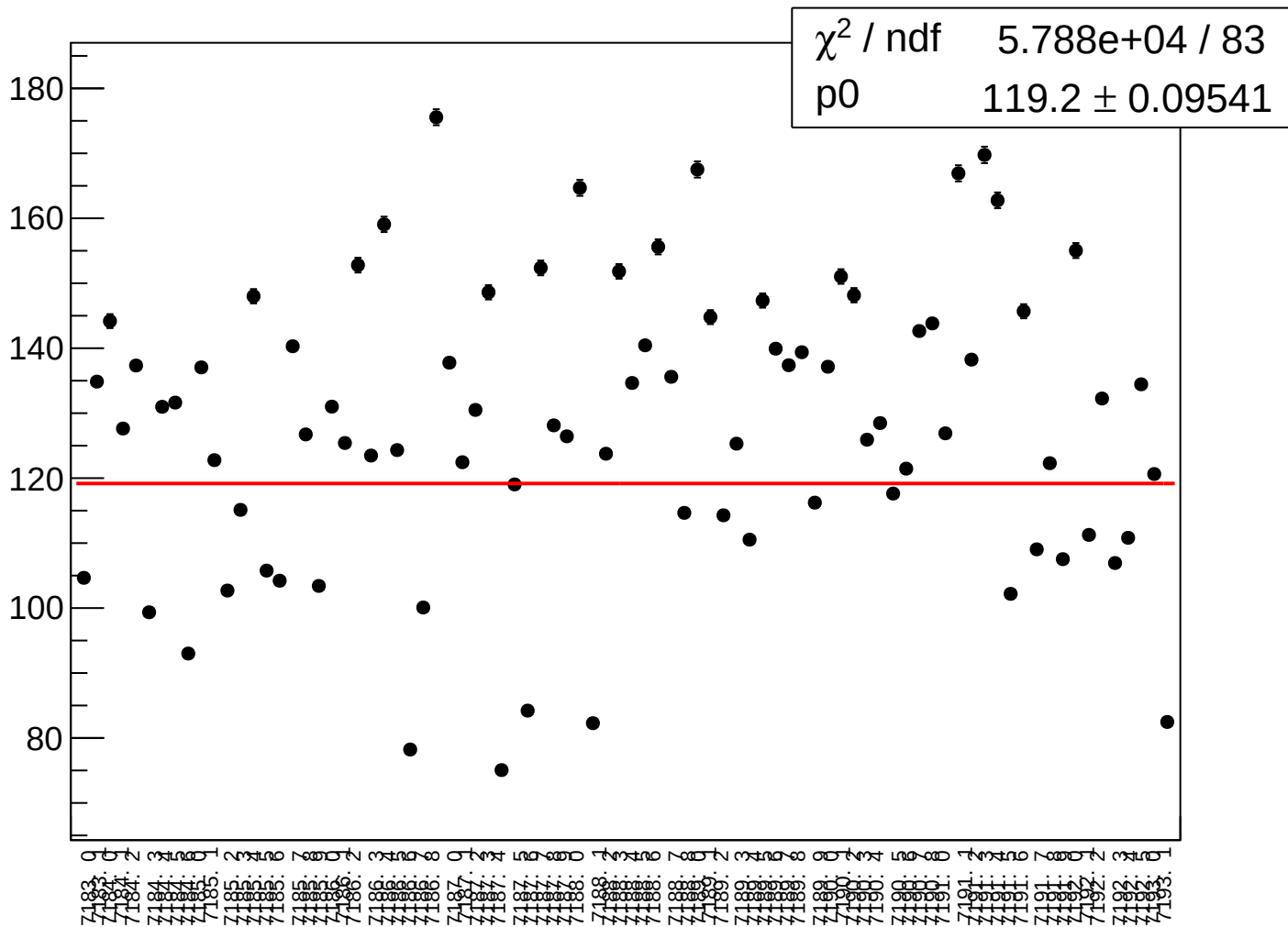
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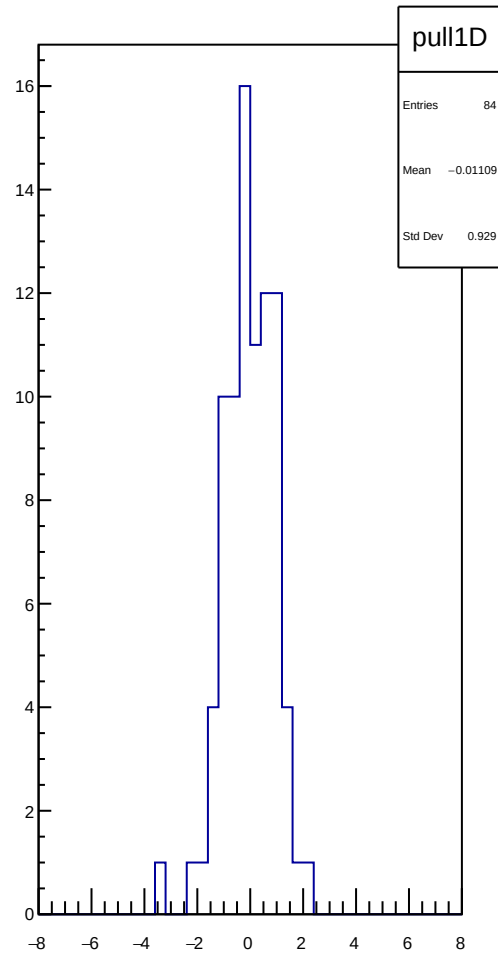
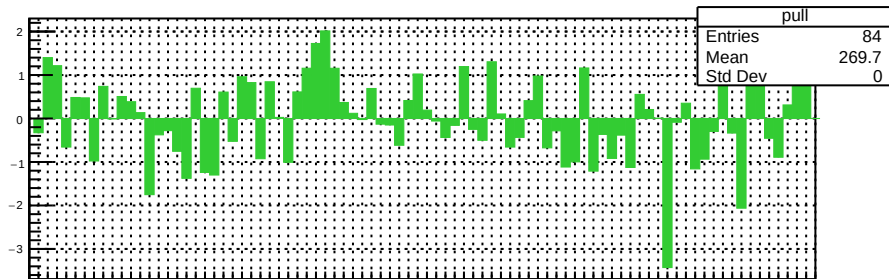
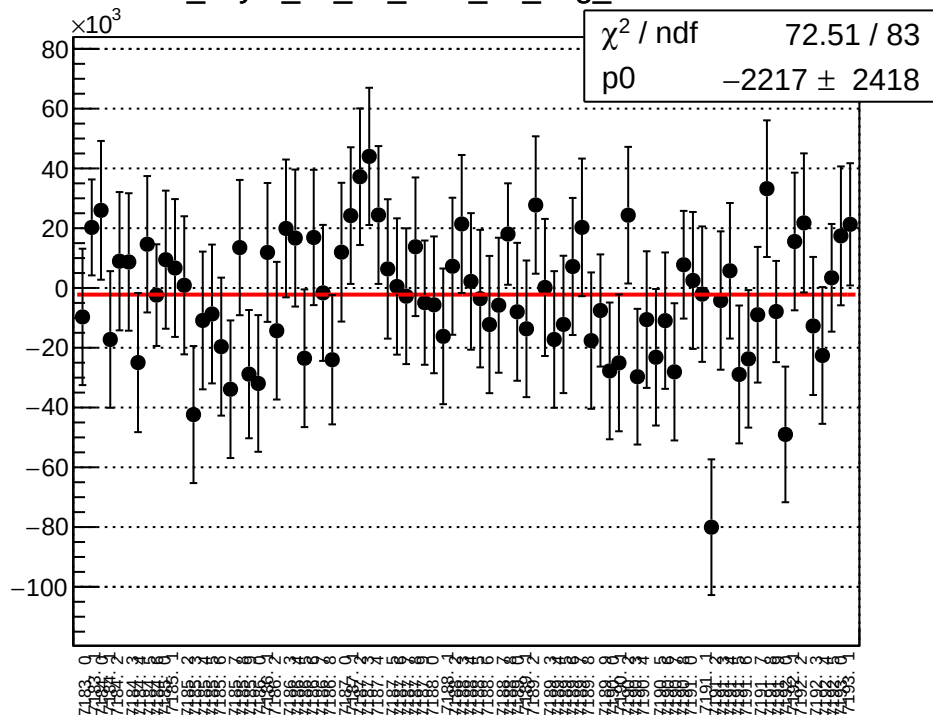
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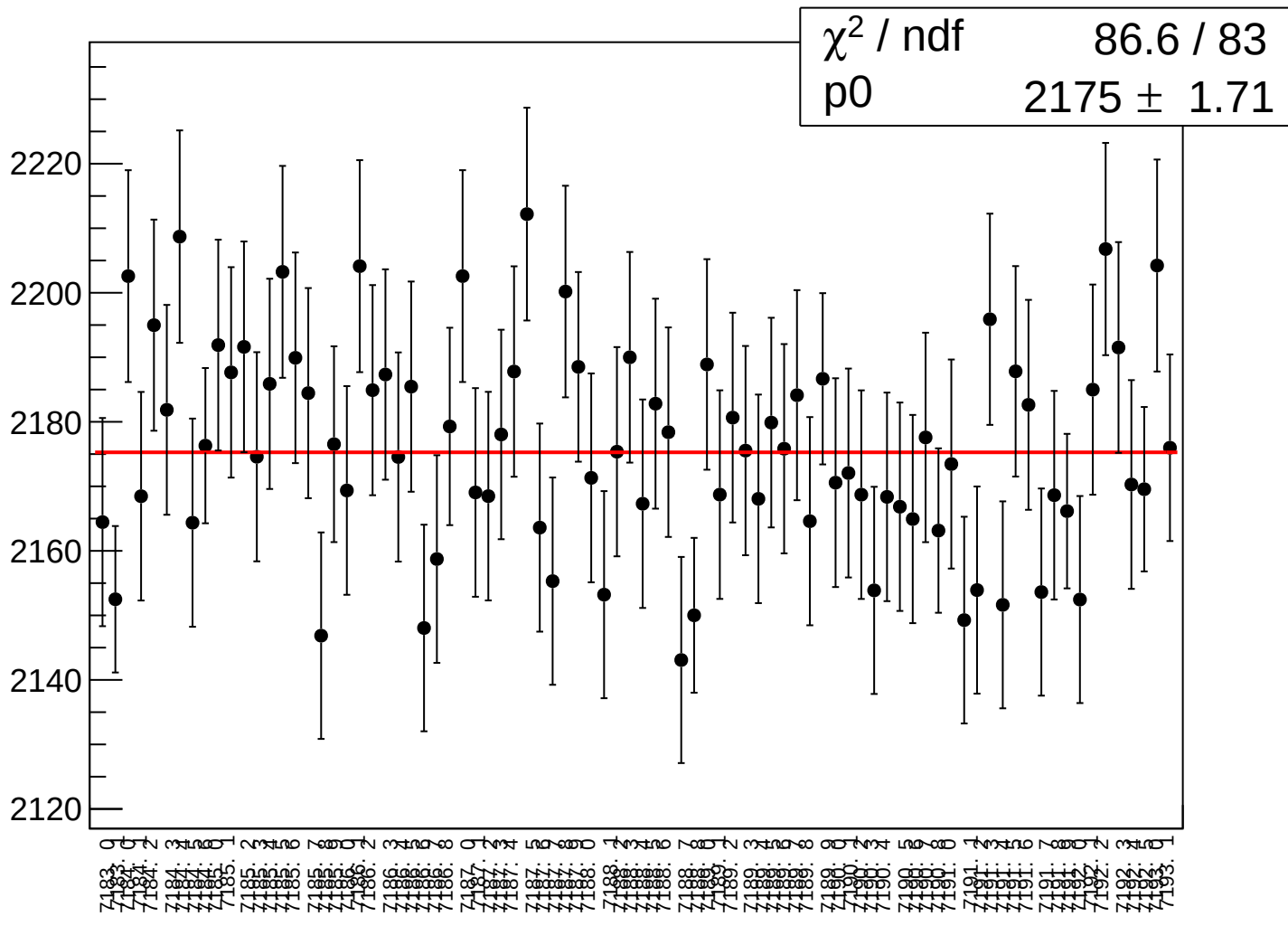
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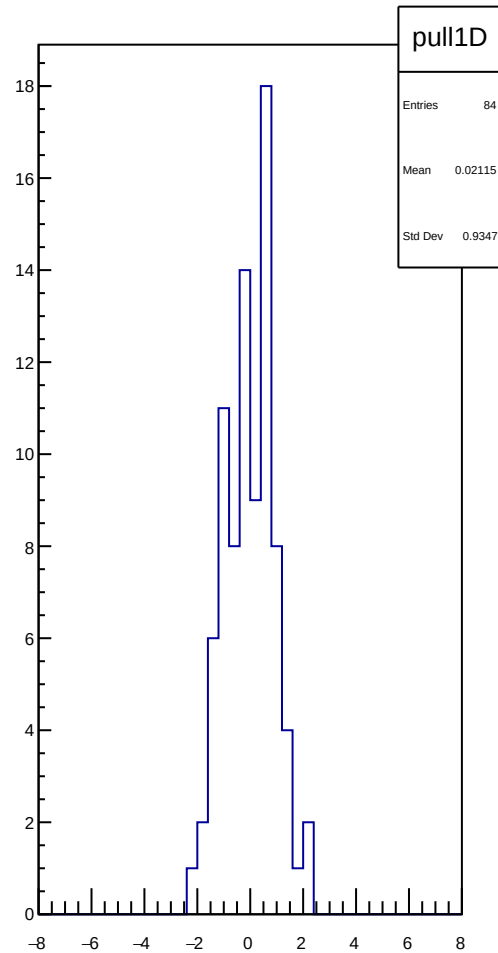
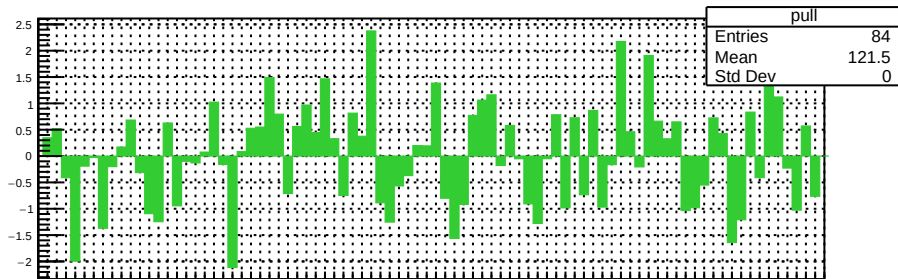
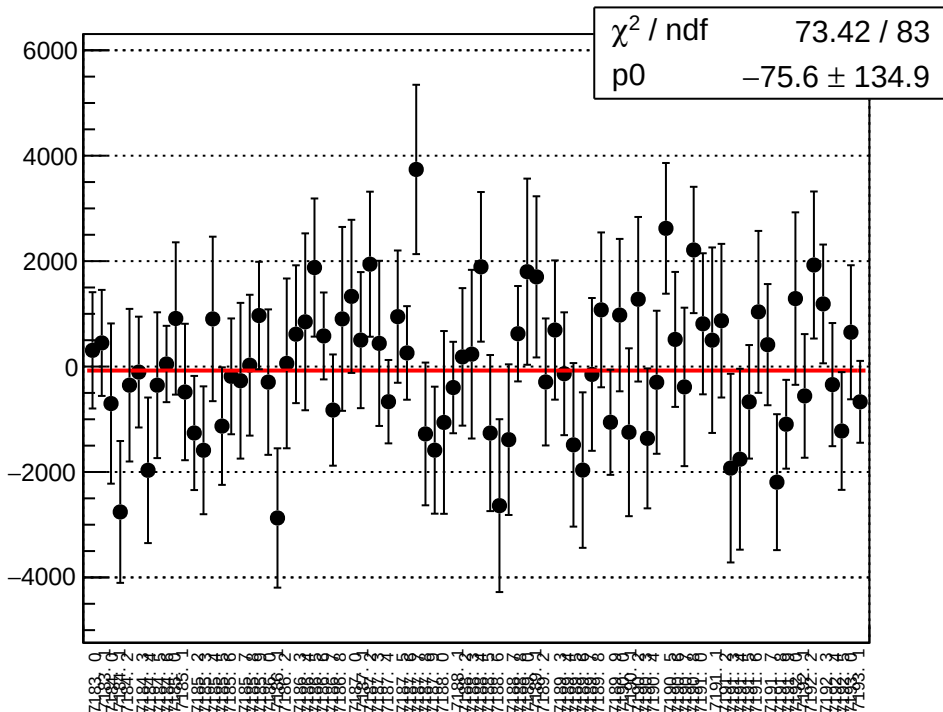
cor_asym_us_dd_at1lr_dd_avg_mean vs run



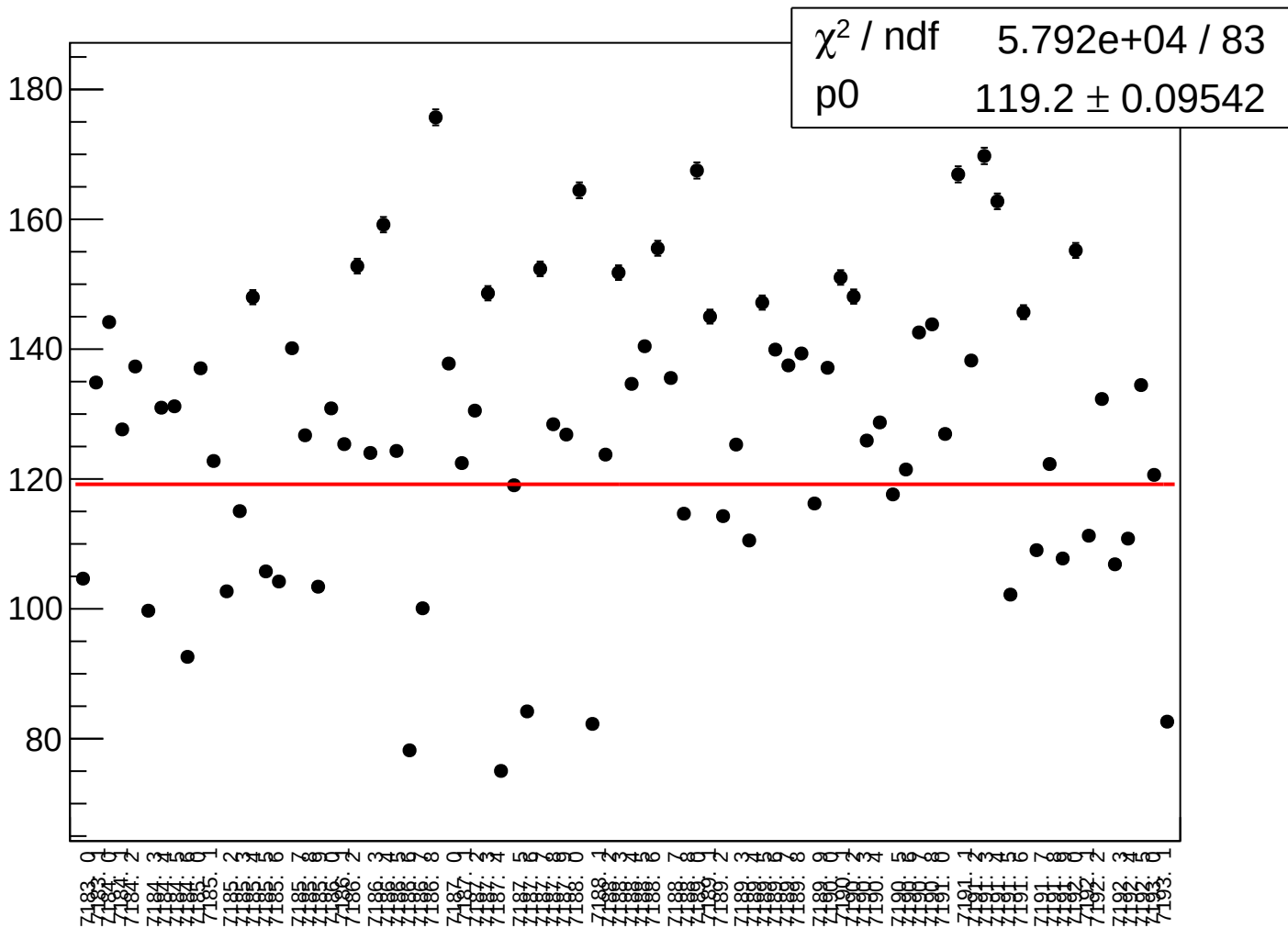
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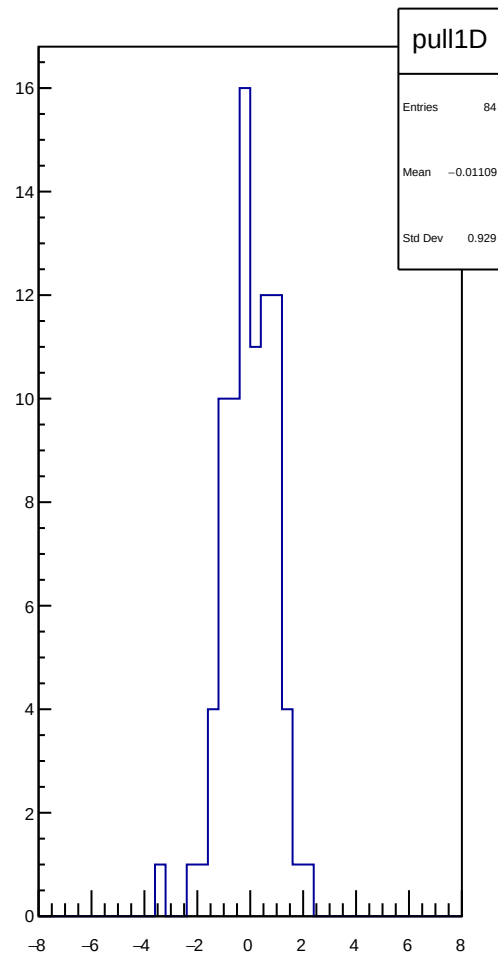
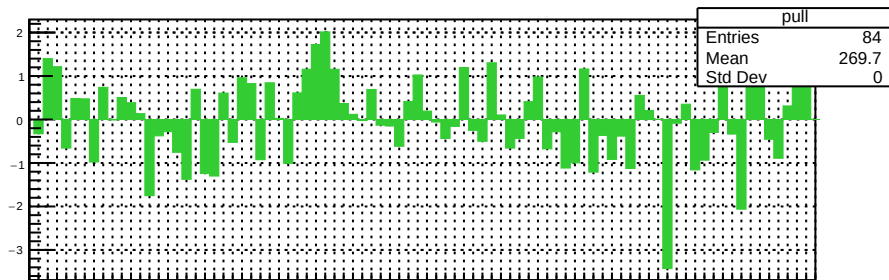
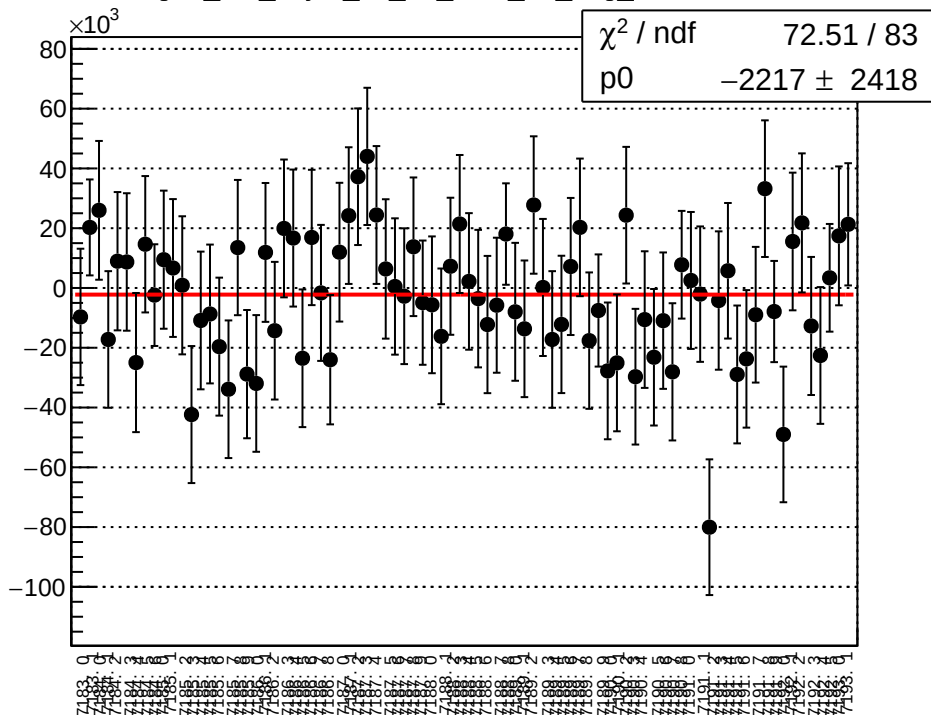
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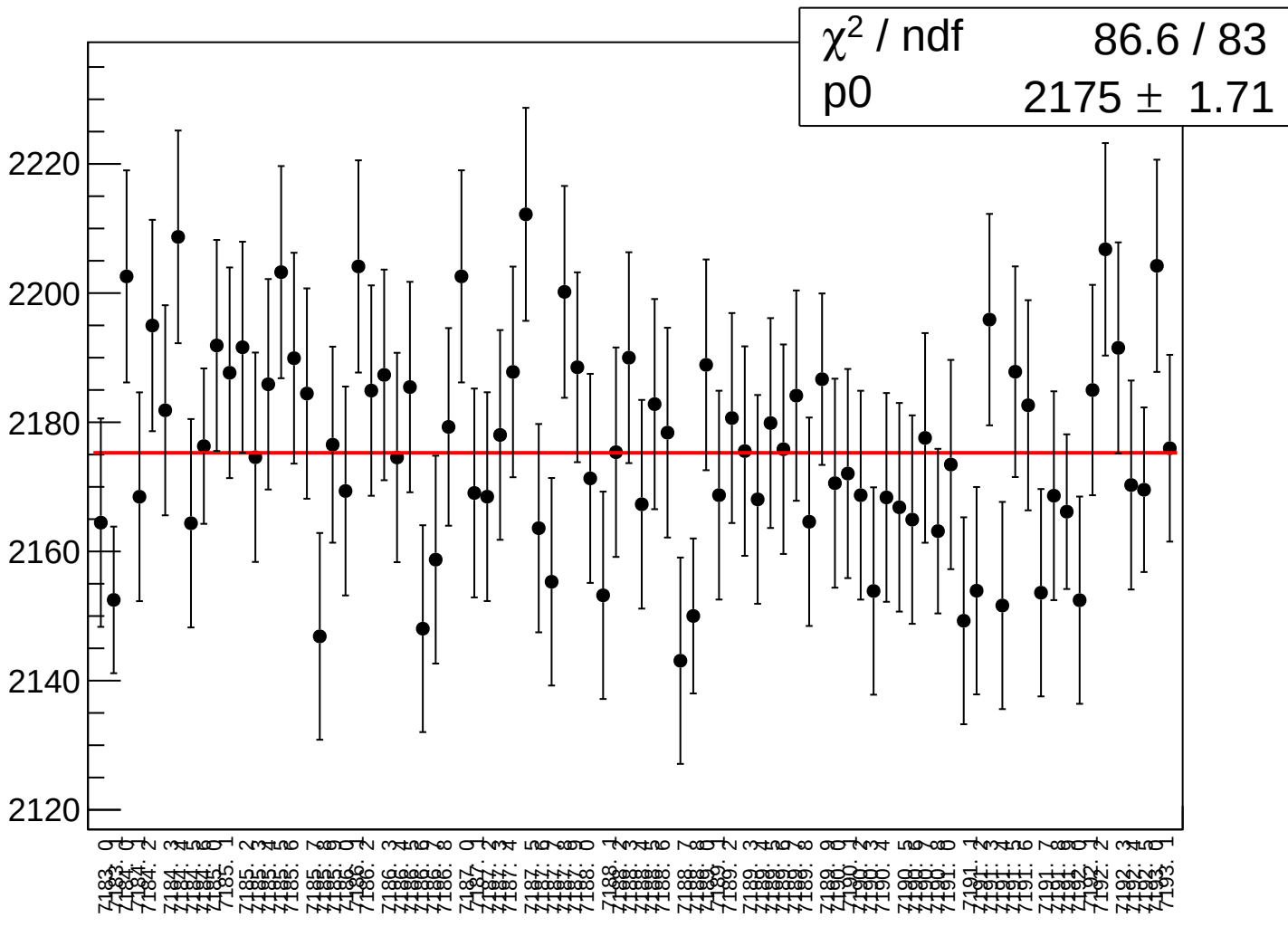
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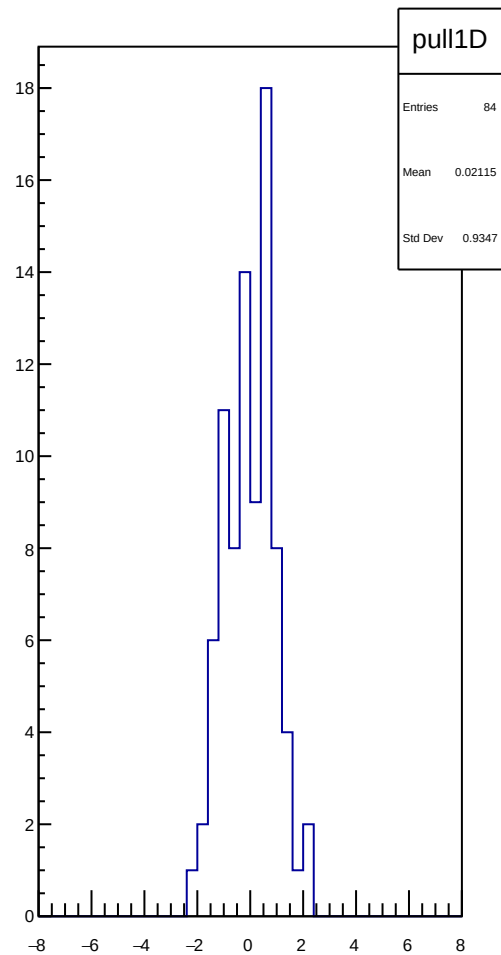
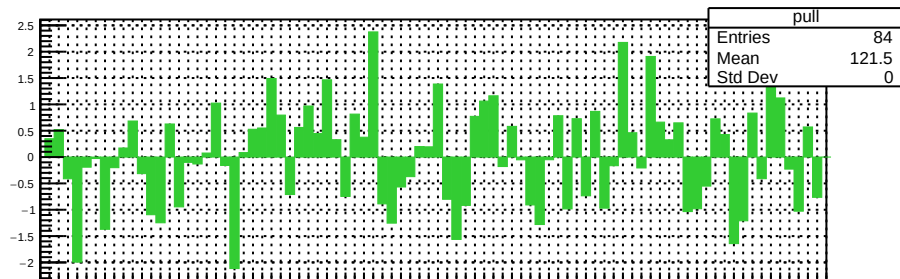
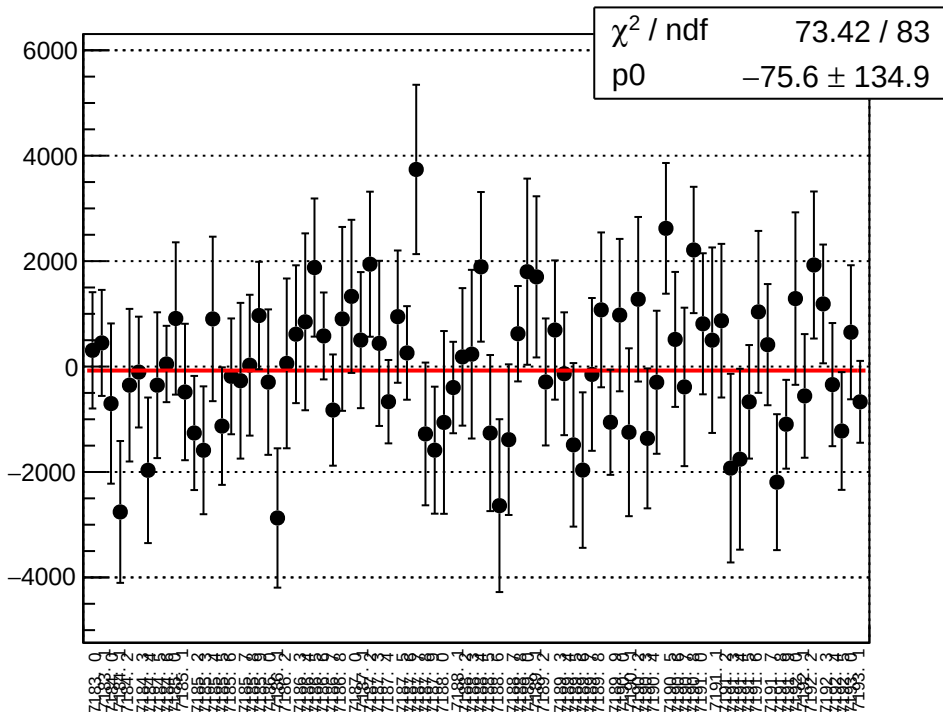
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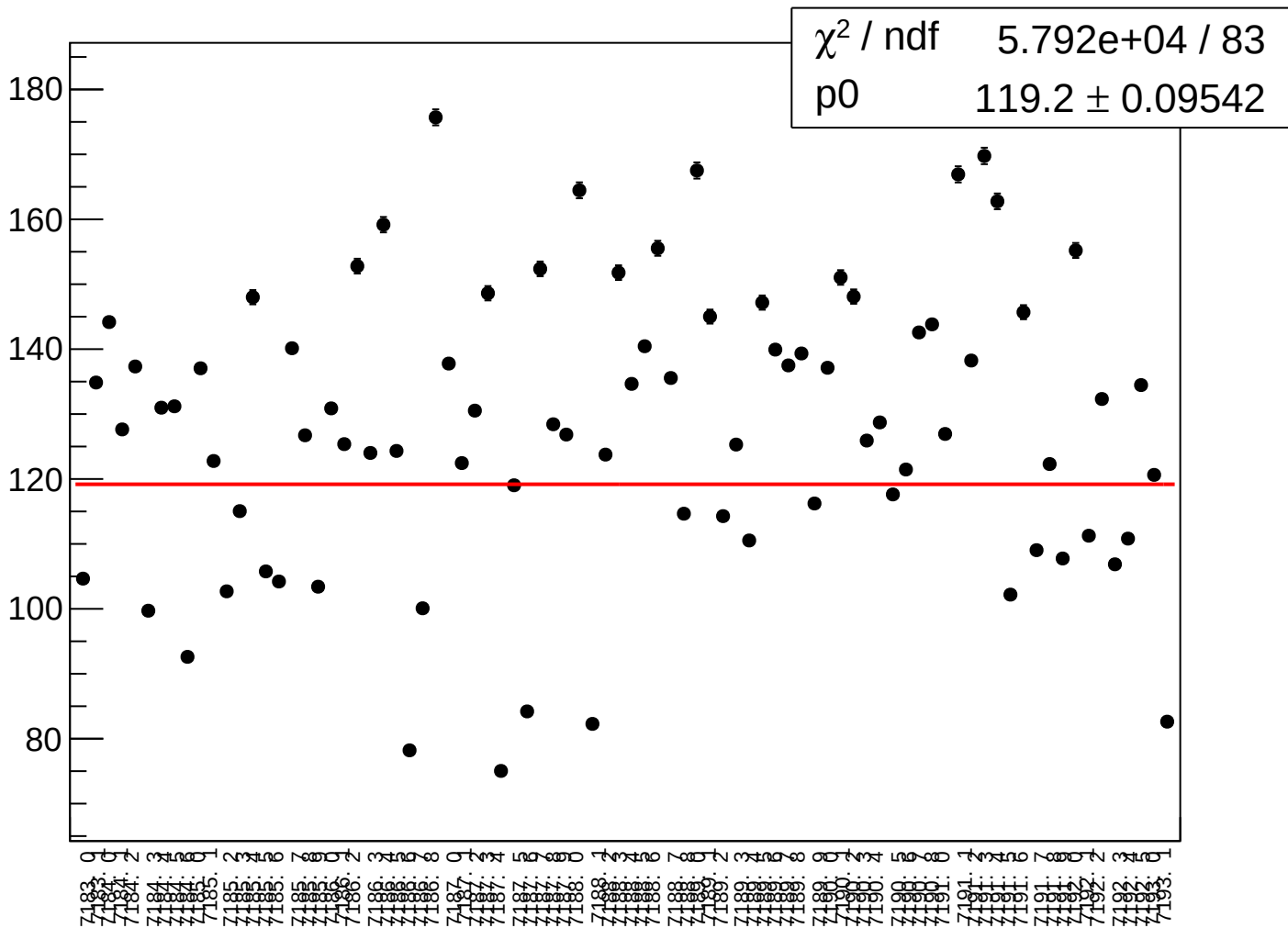
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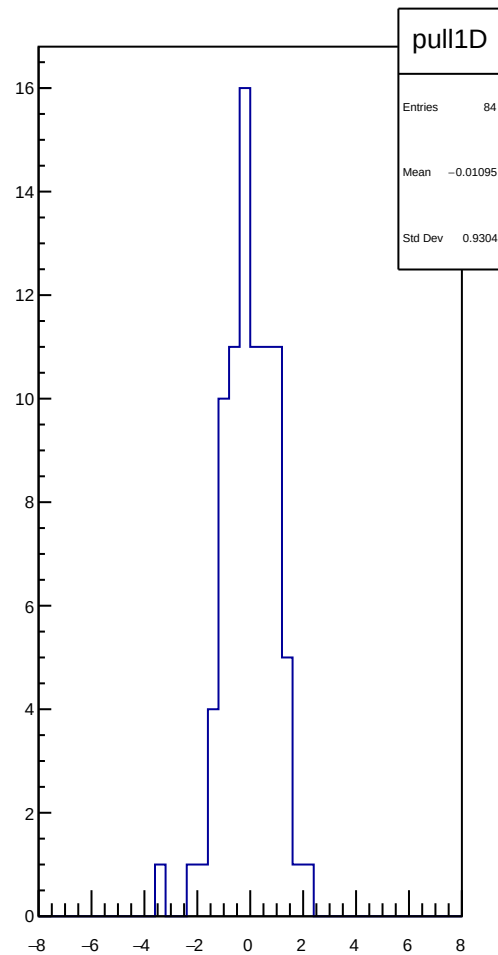
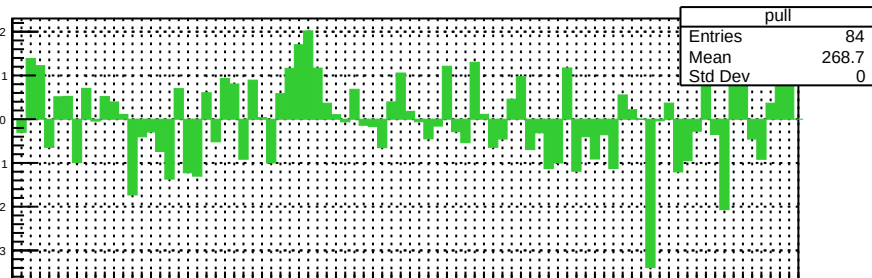
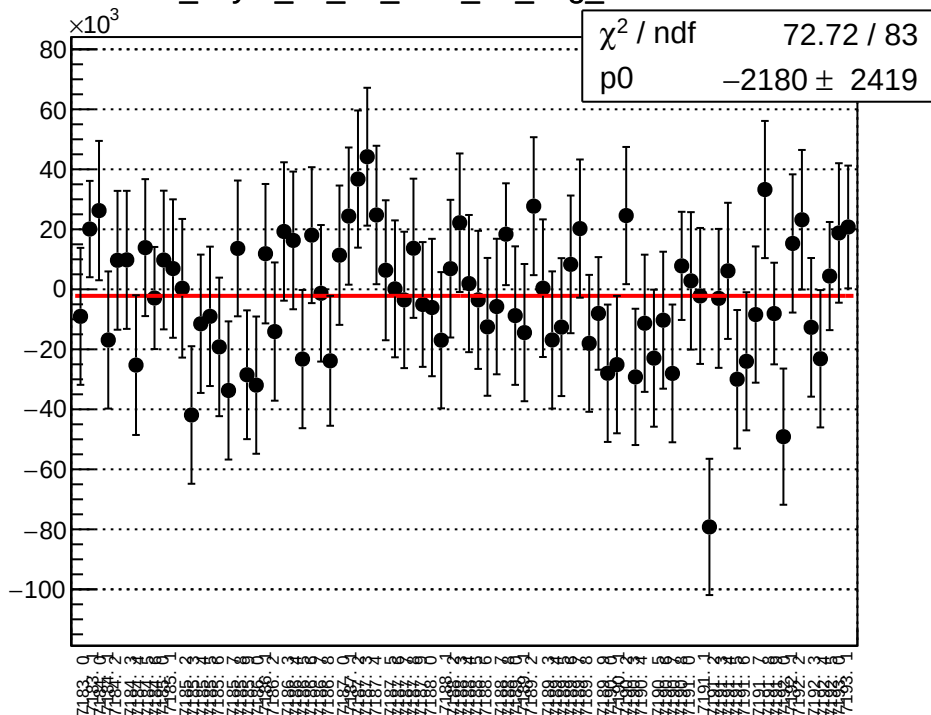
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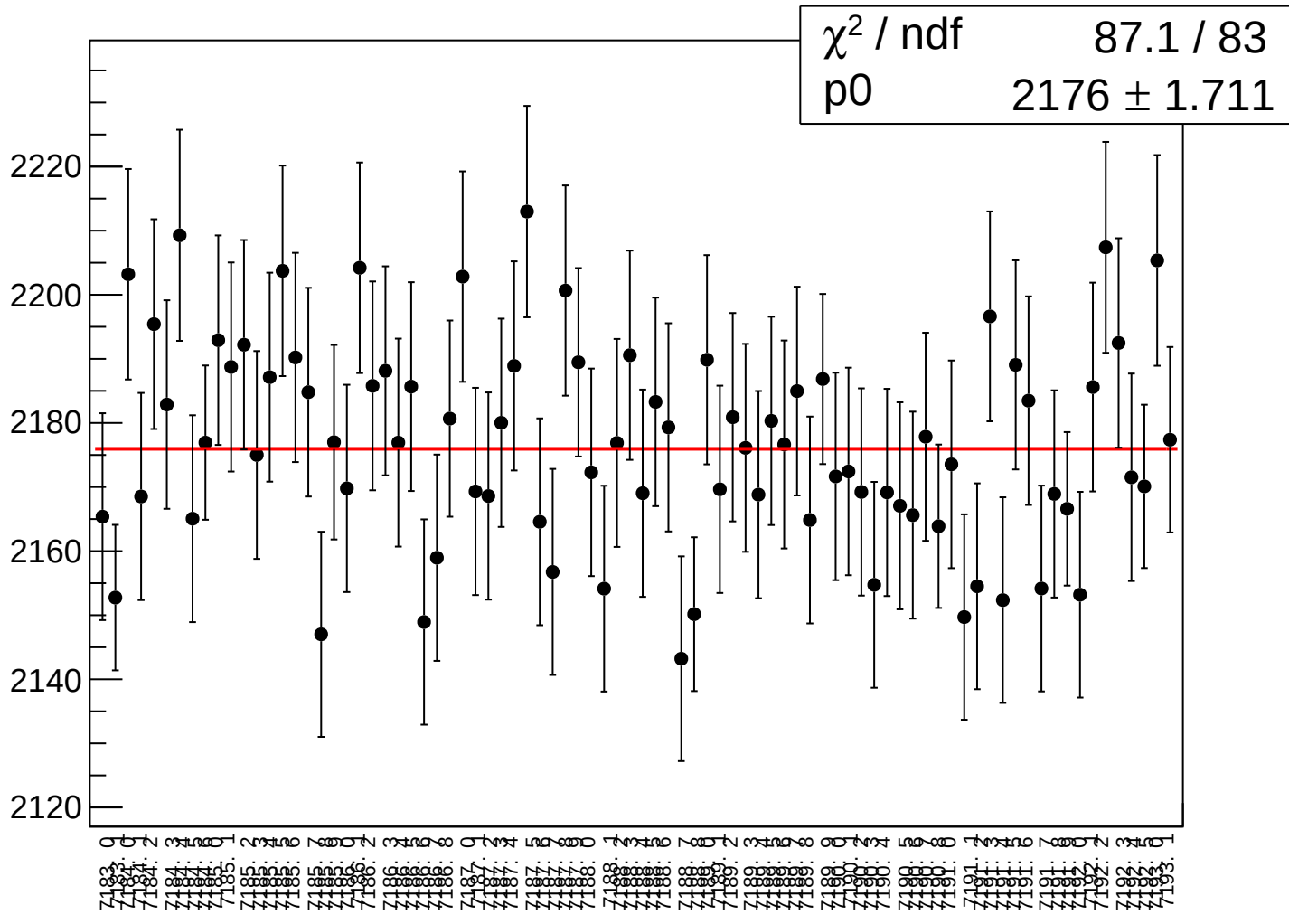
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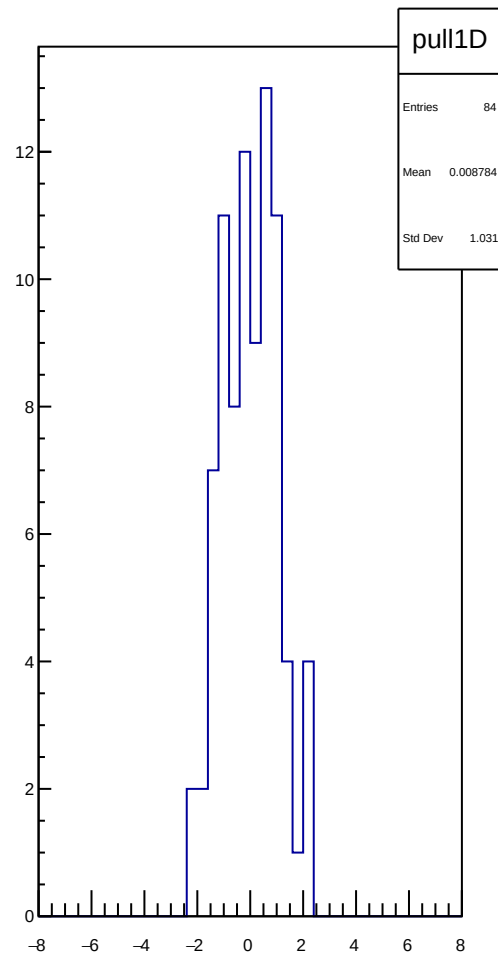
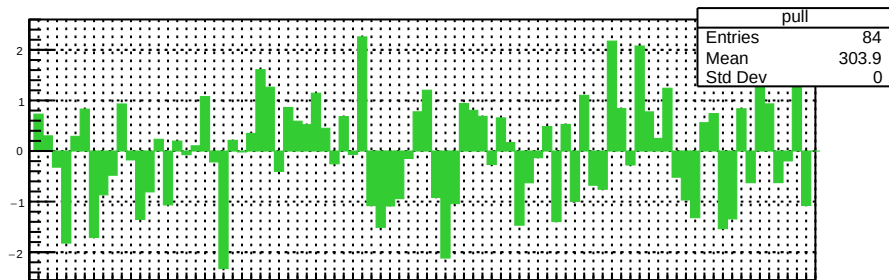
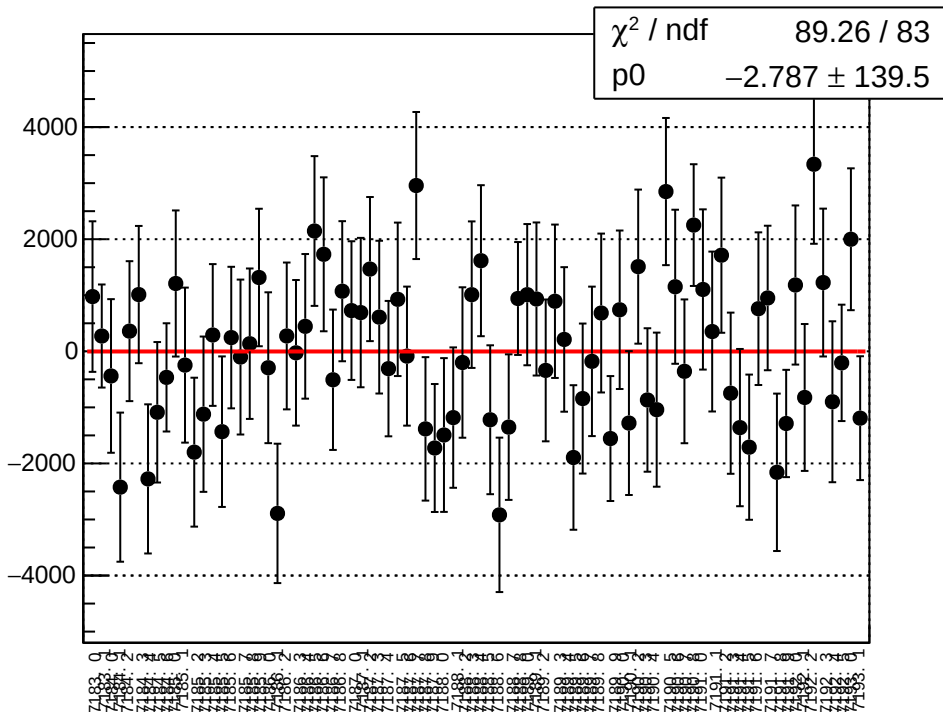
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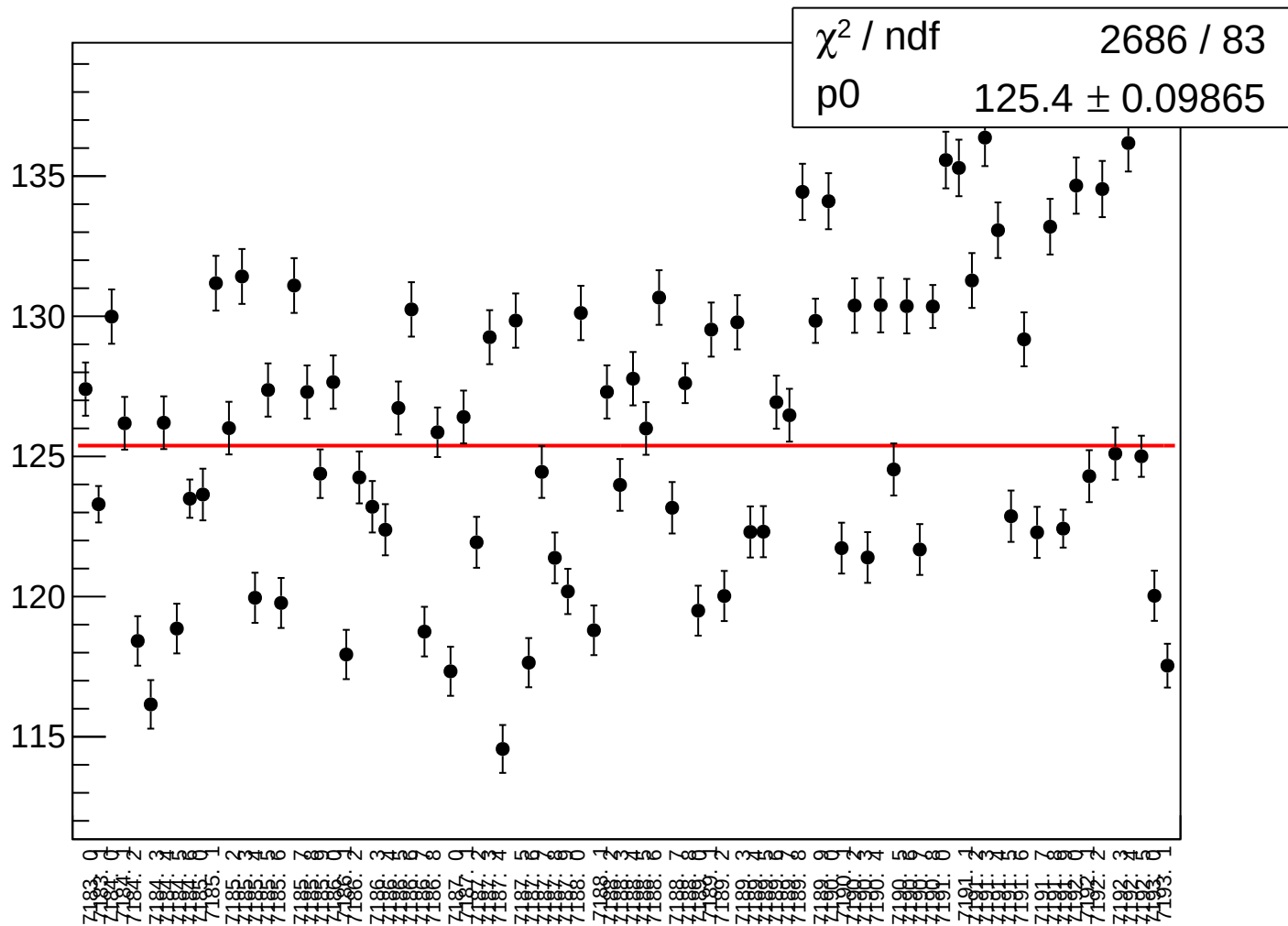
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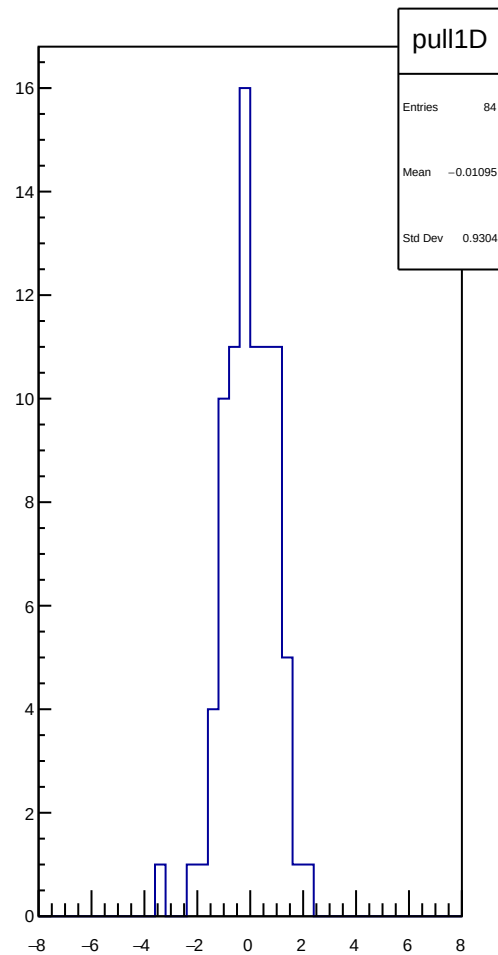
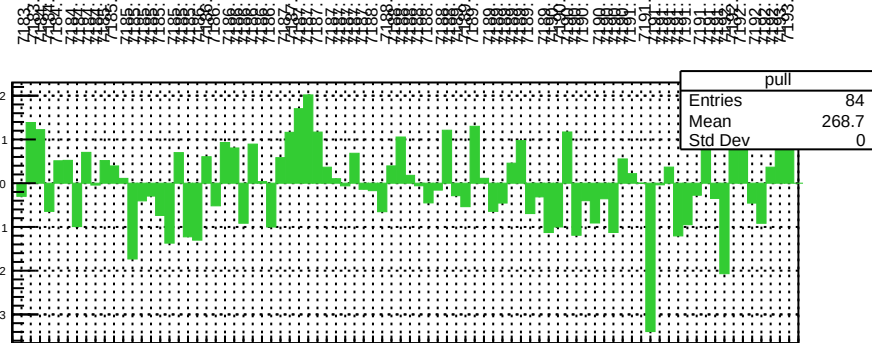
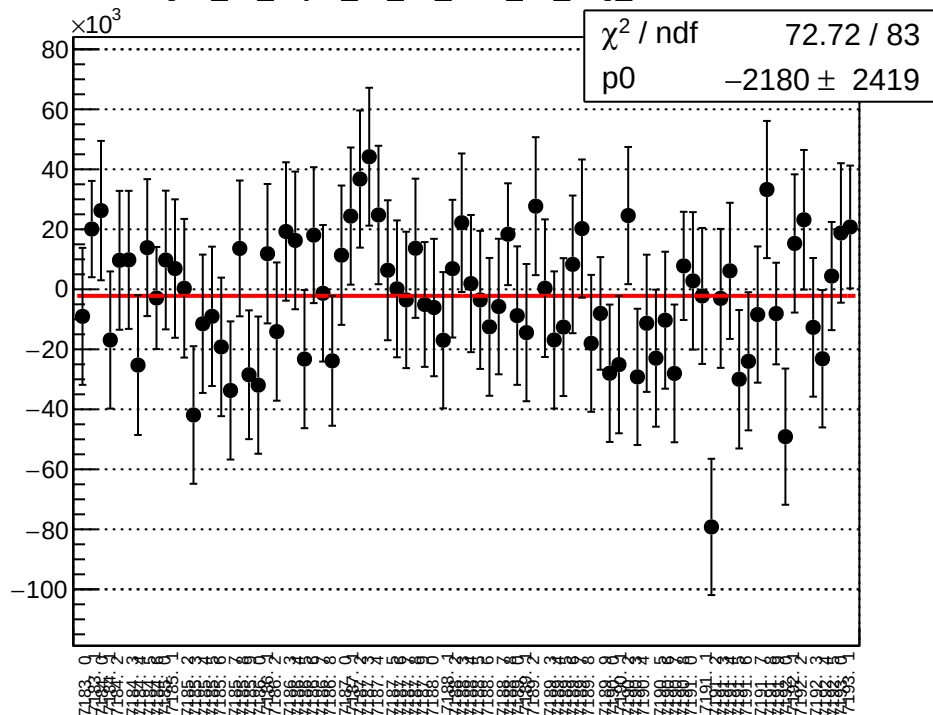
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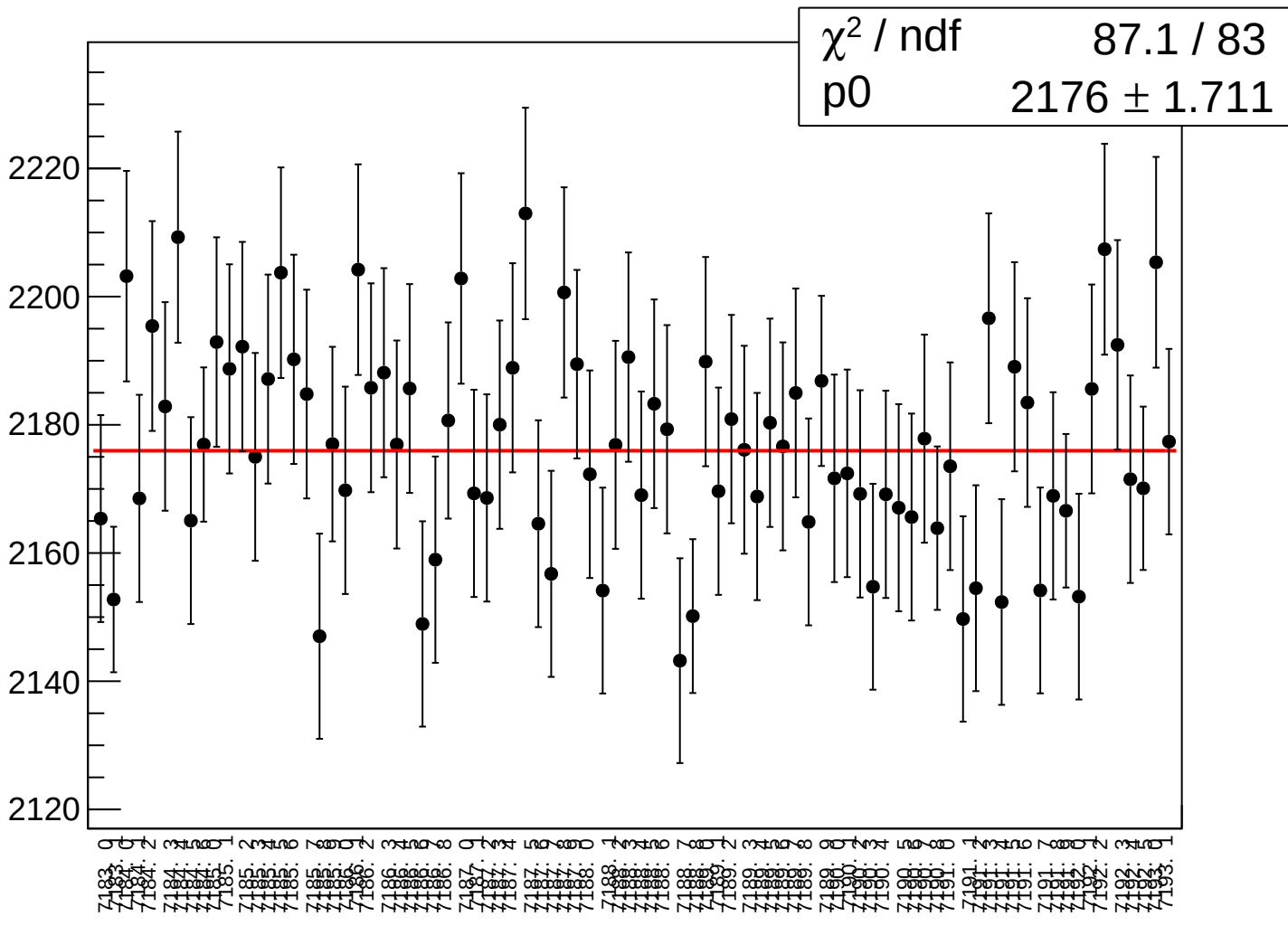
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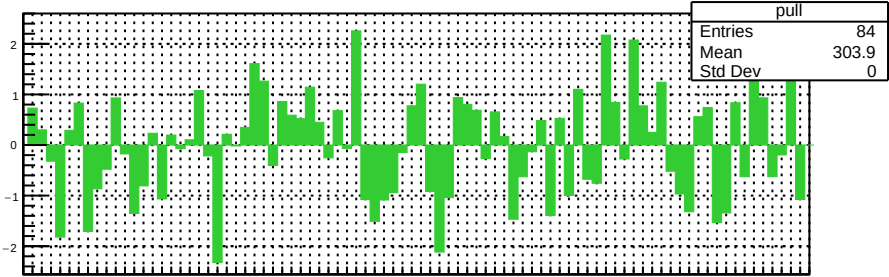
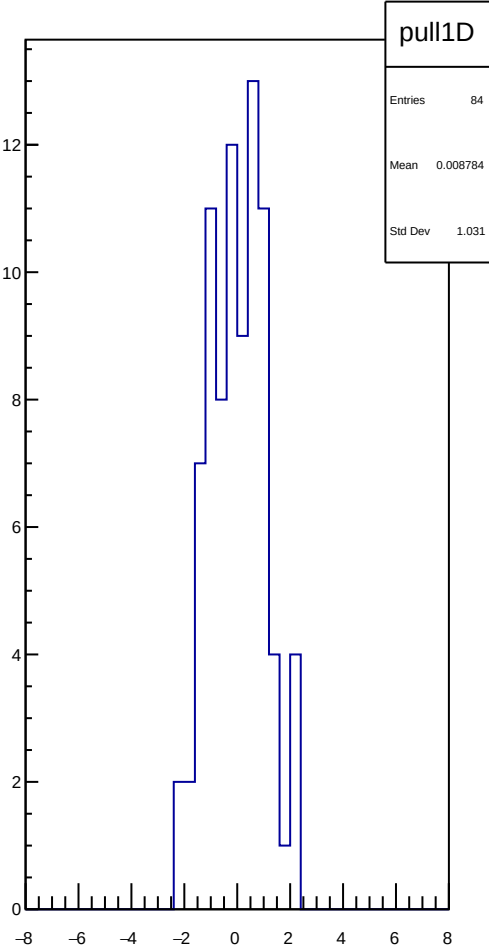
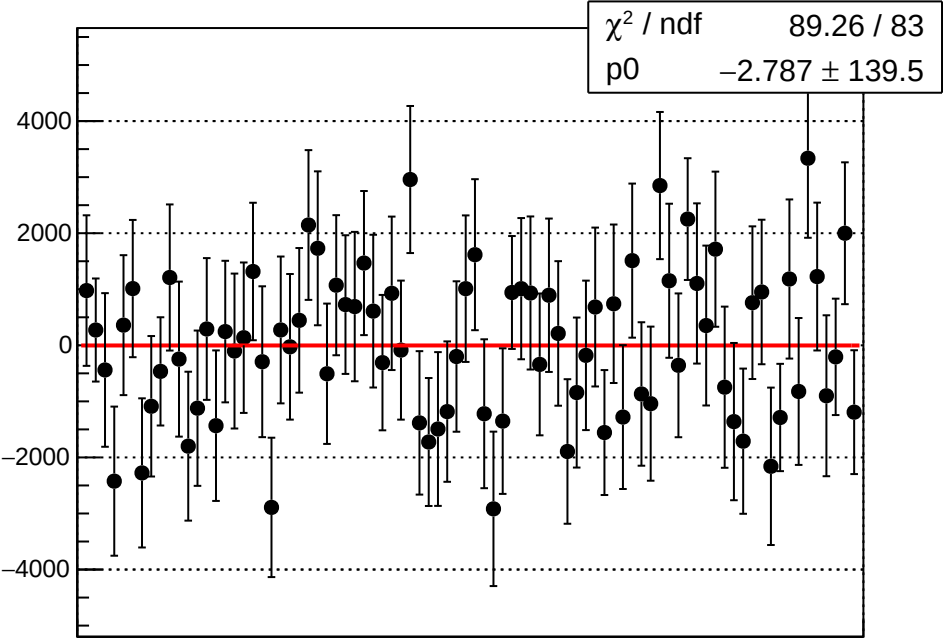
eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs run



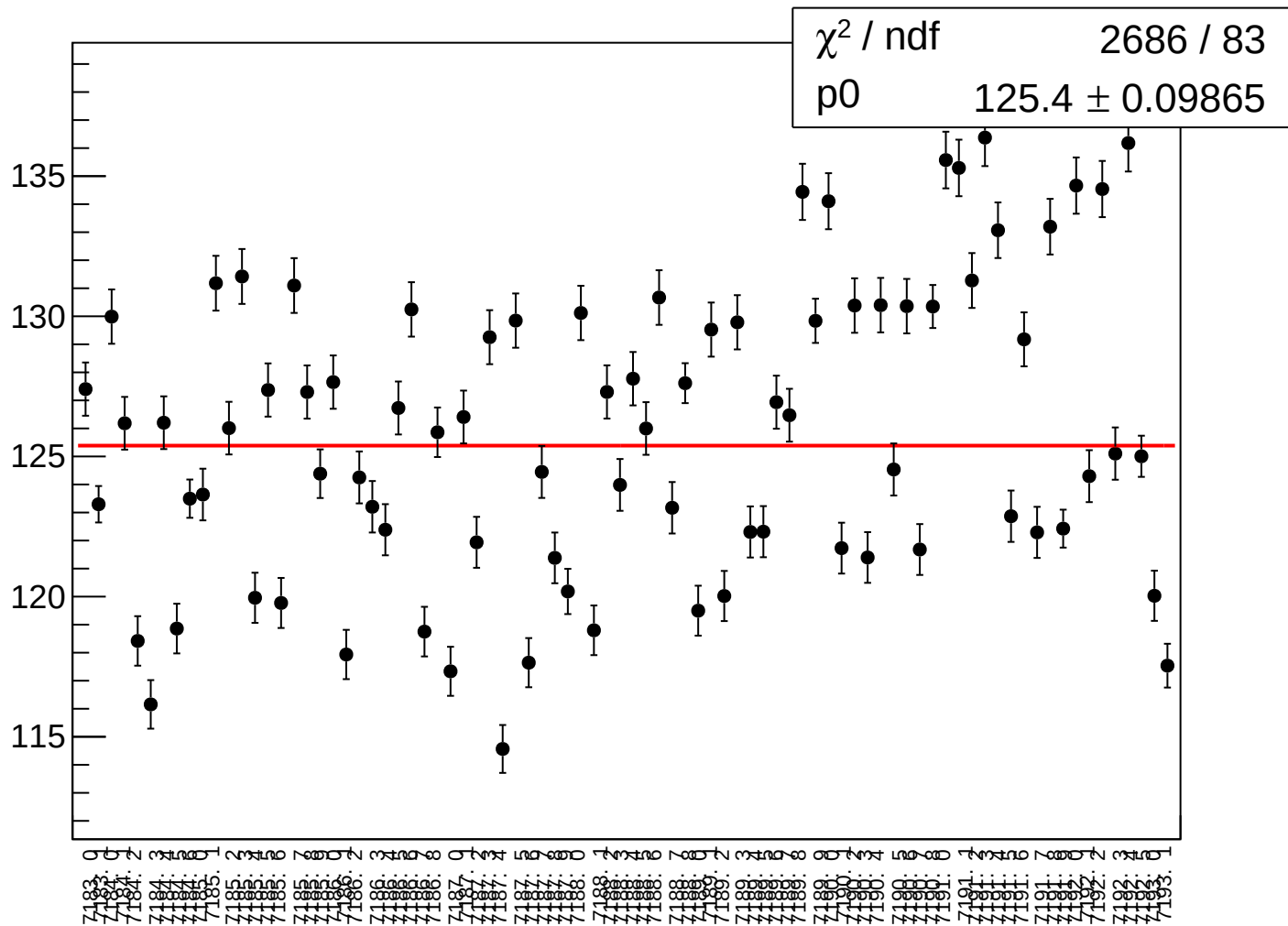
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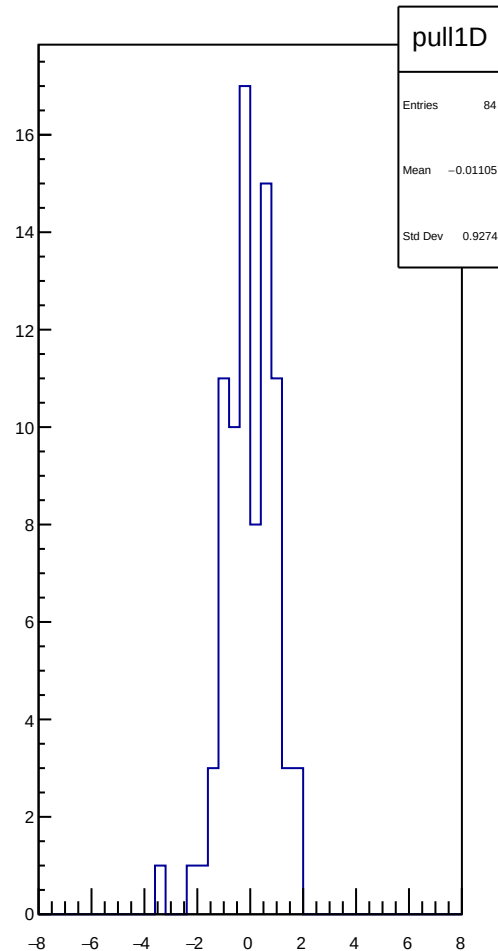
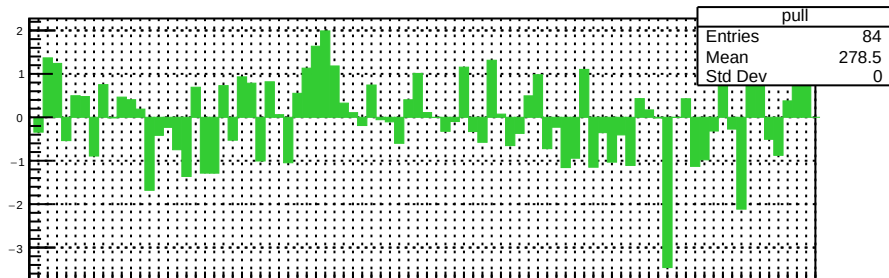
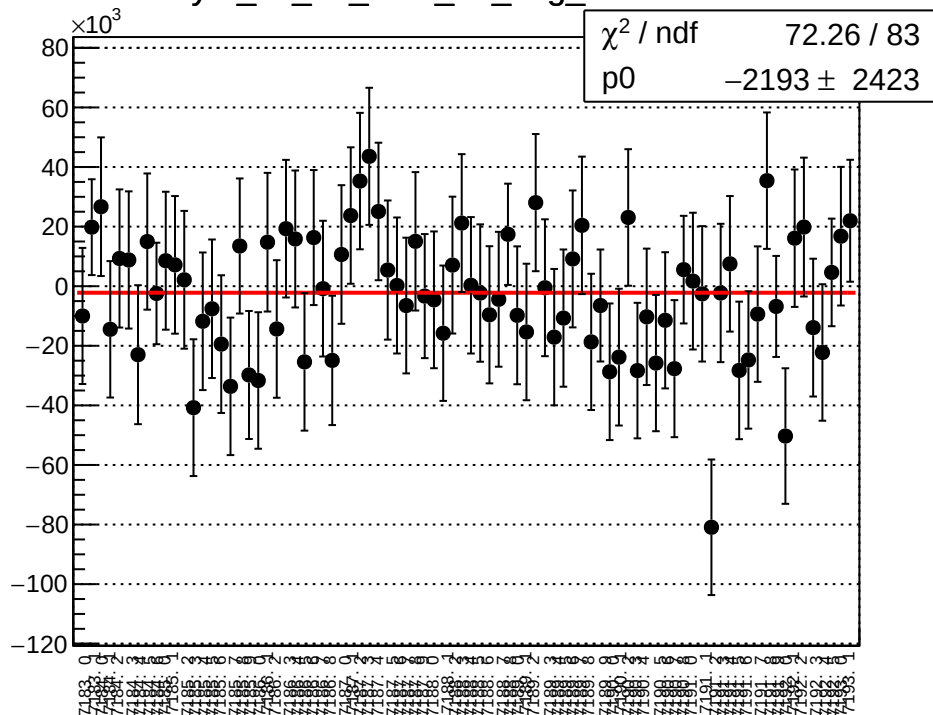
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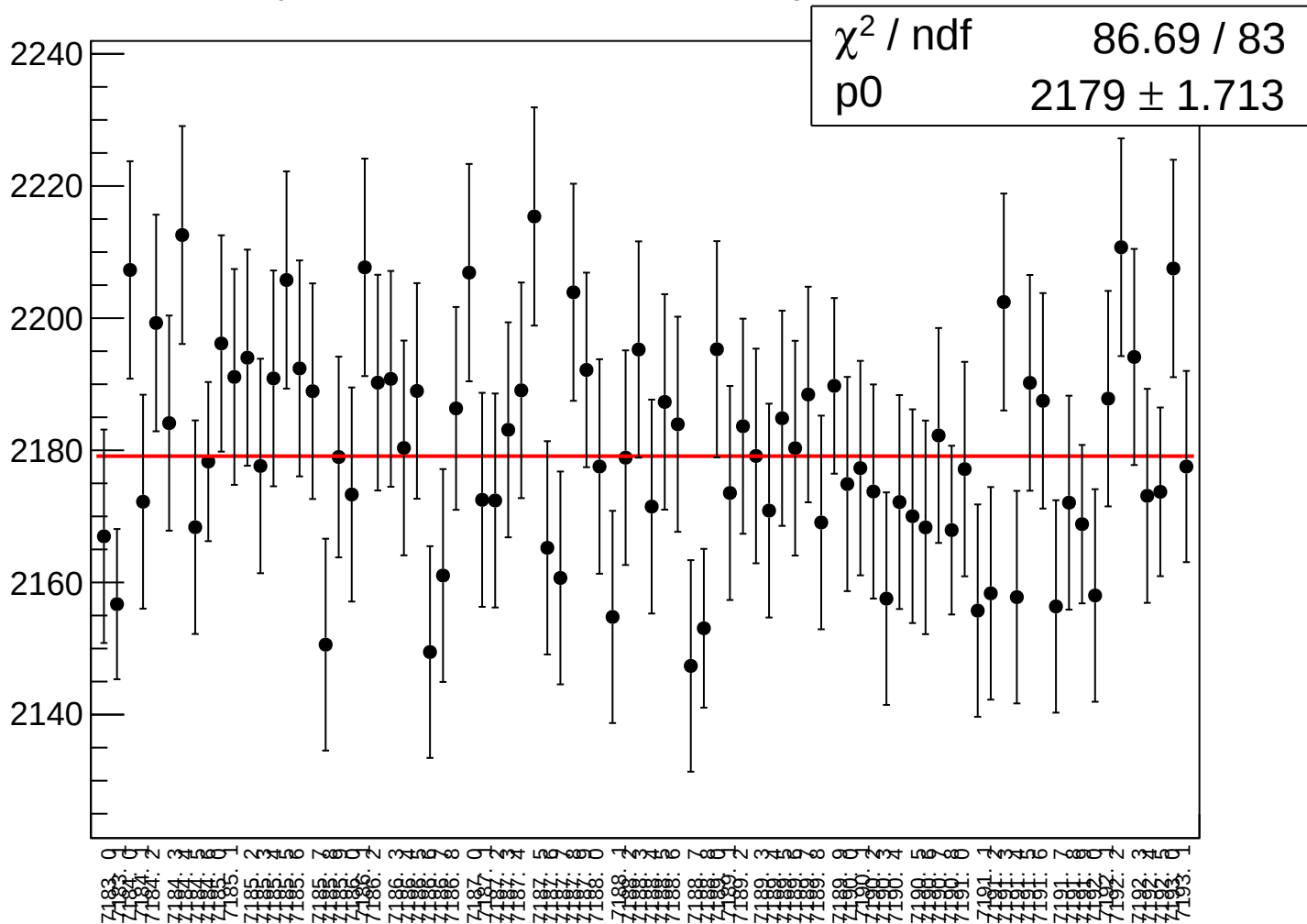
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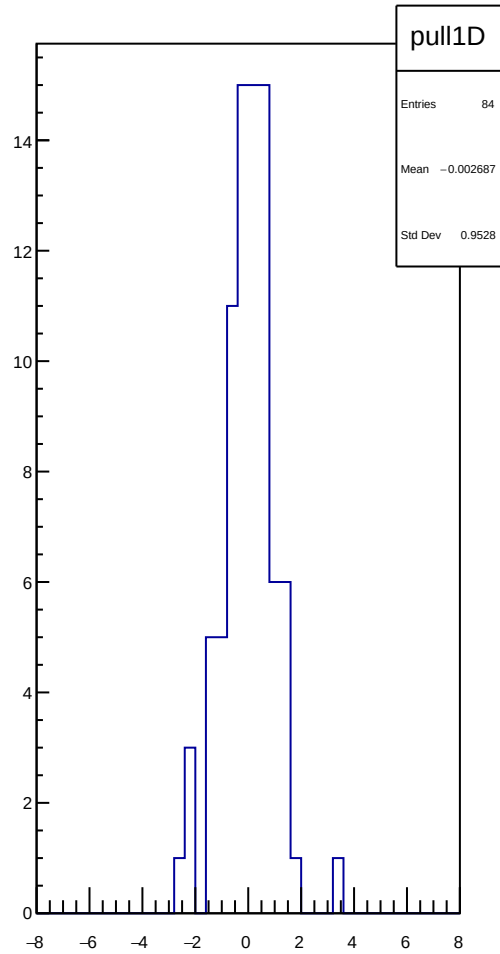
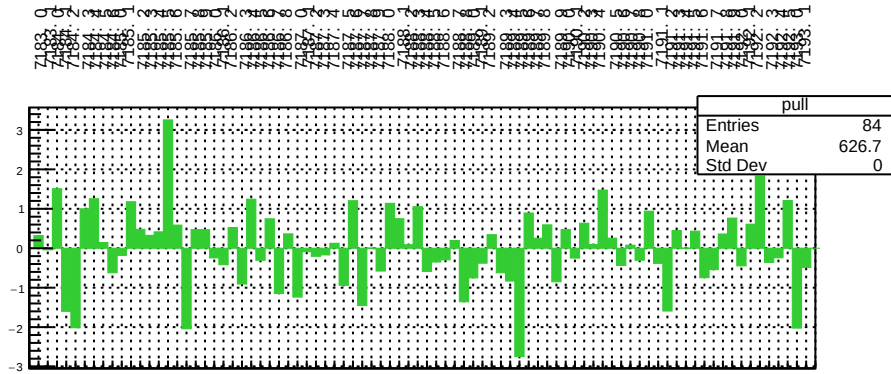
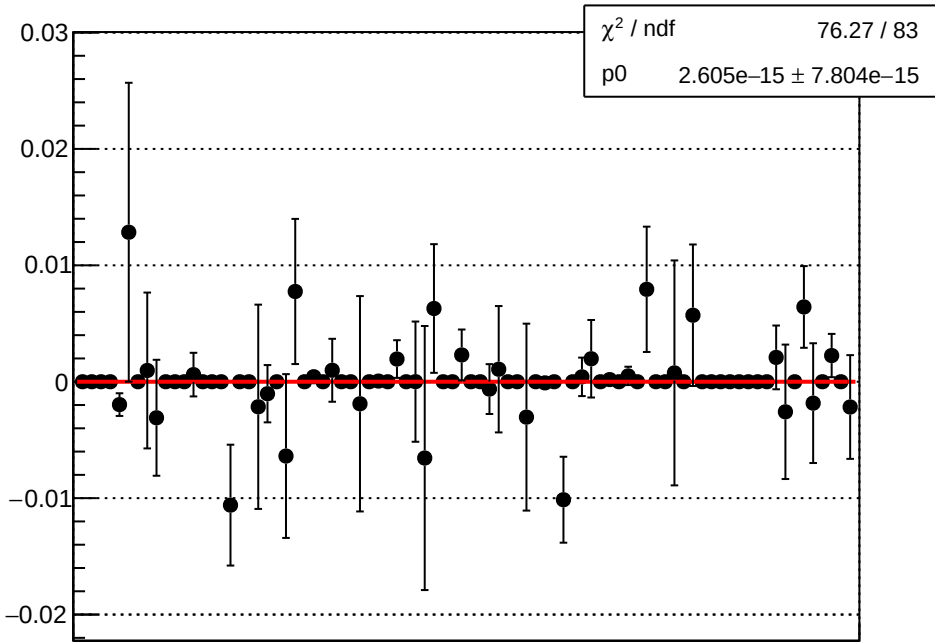
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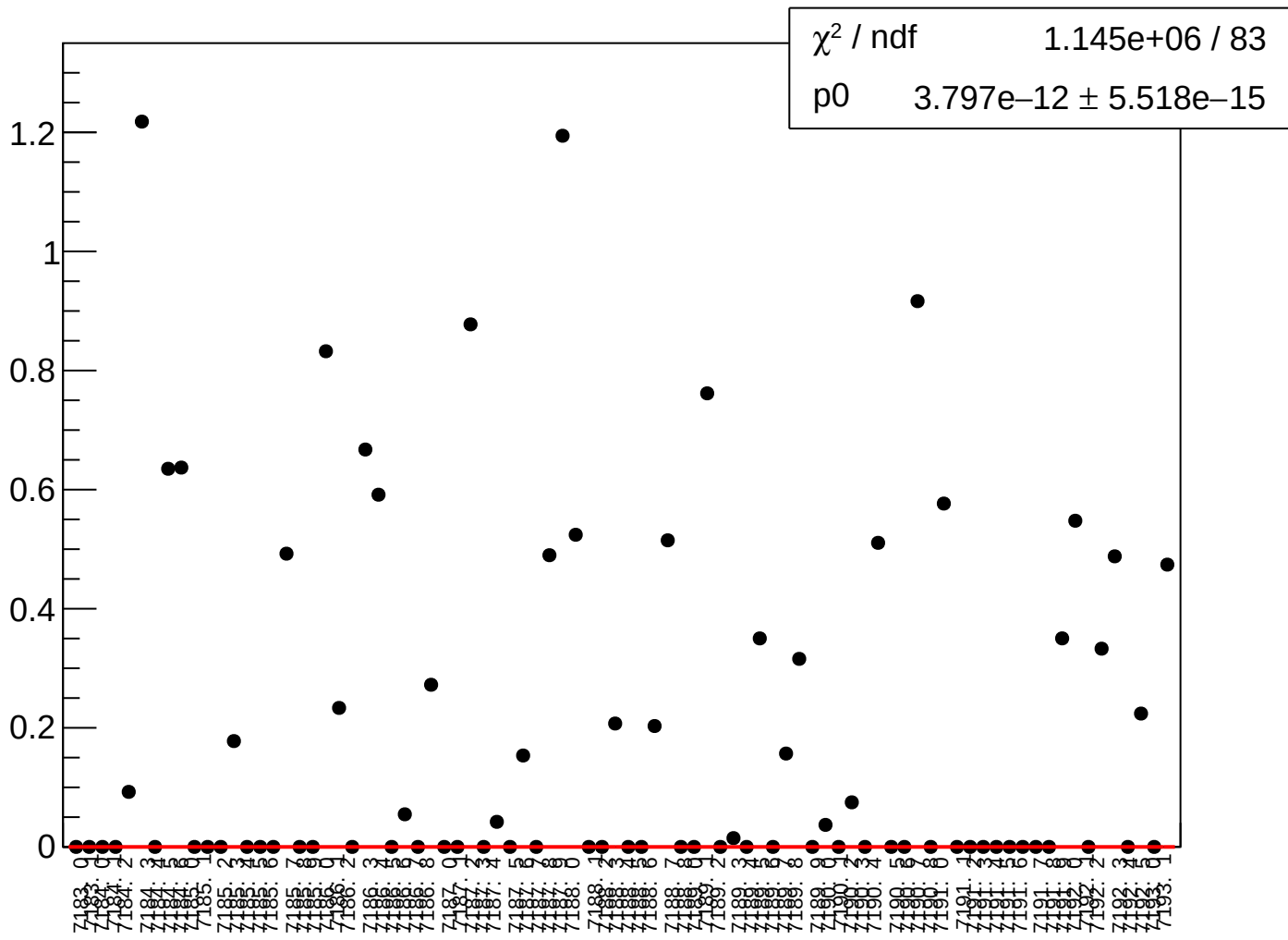
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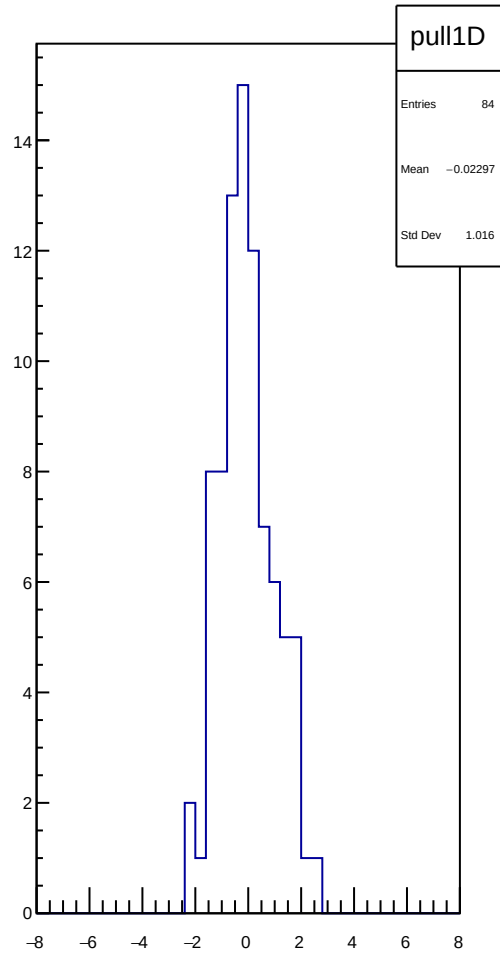
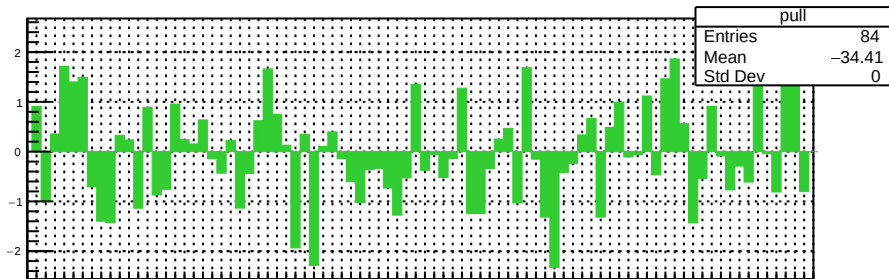
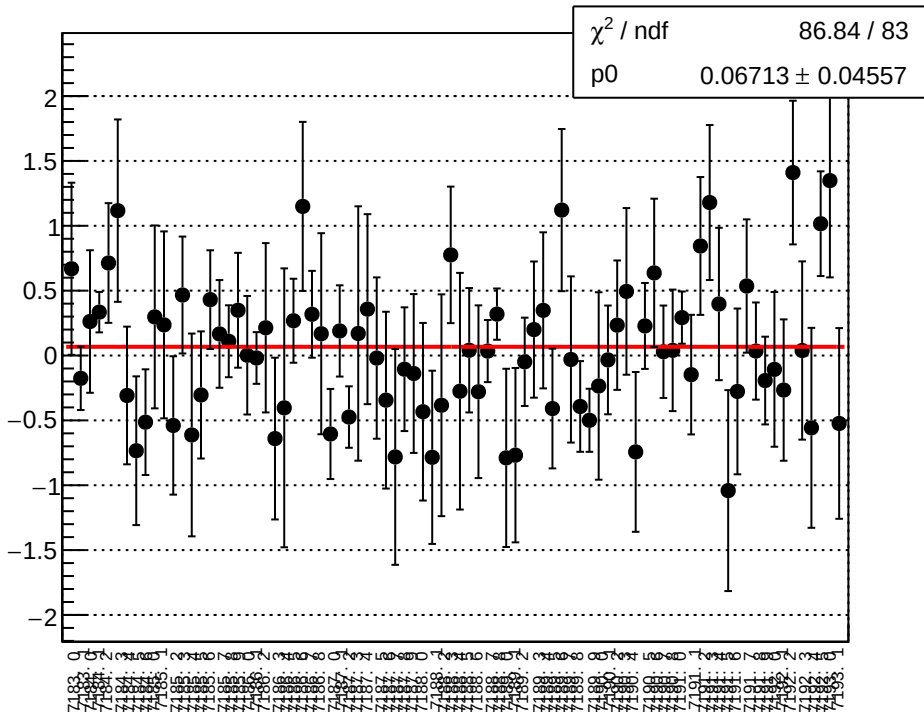
asym us dd at1lr dd avg reg vs cor diff mean vs run



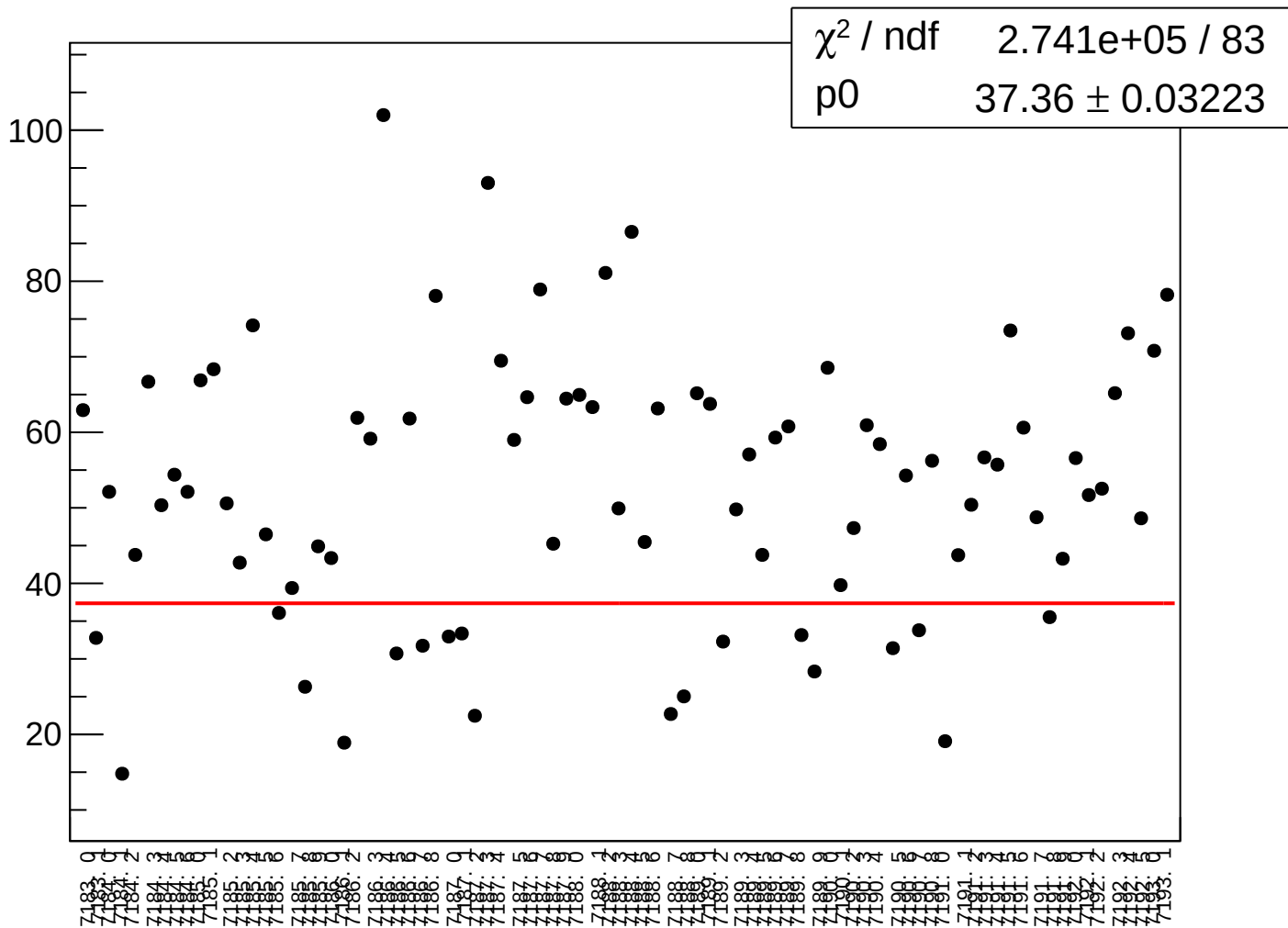
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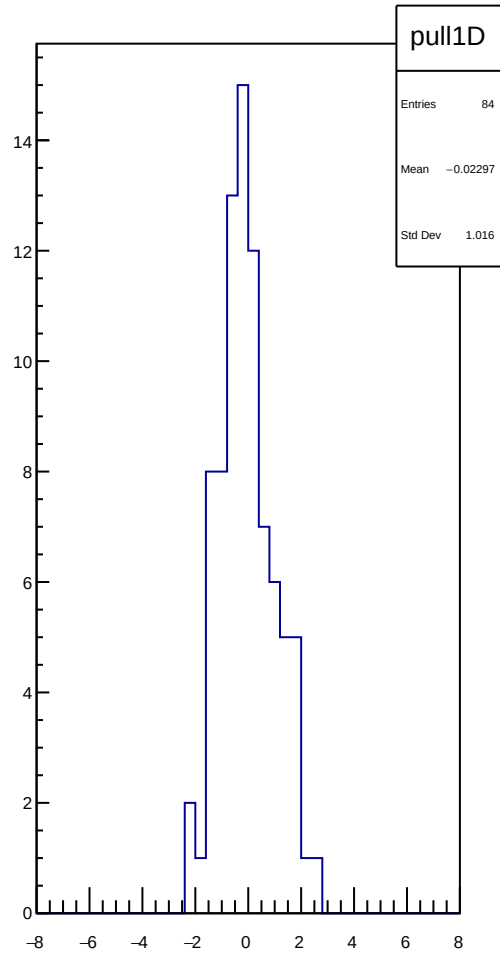
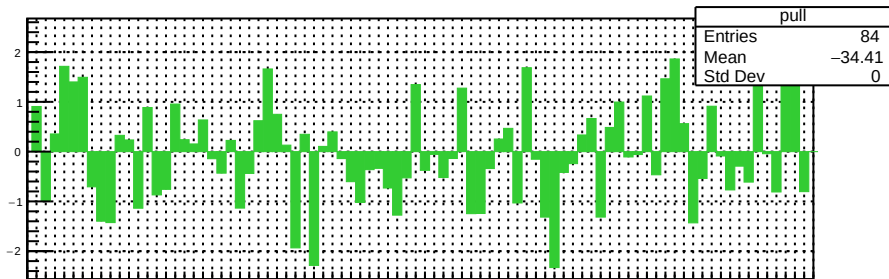
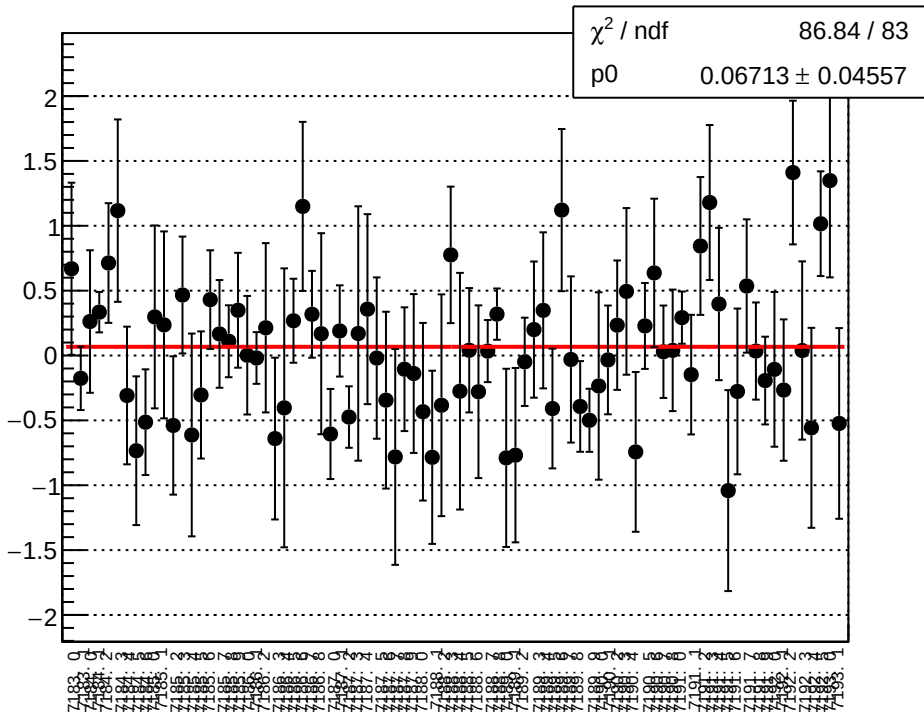
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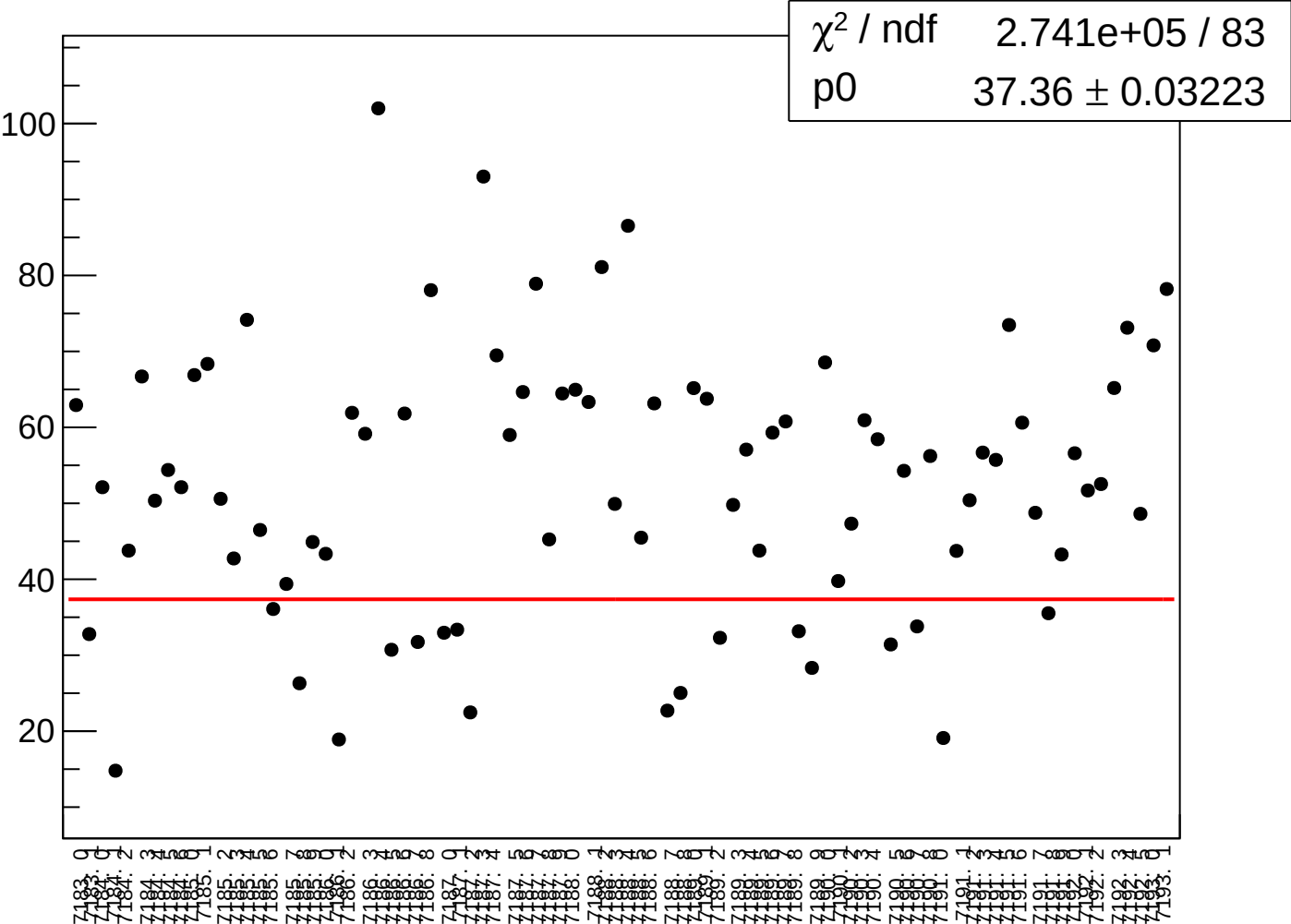
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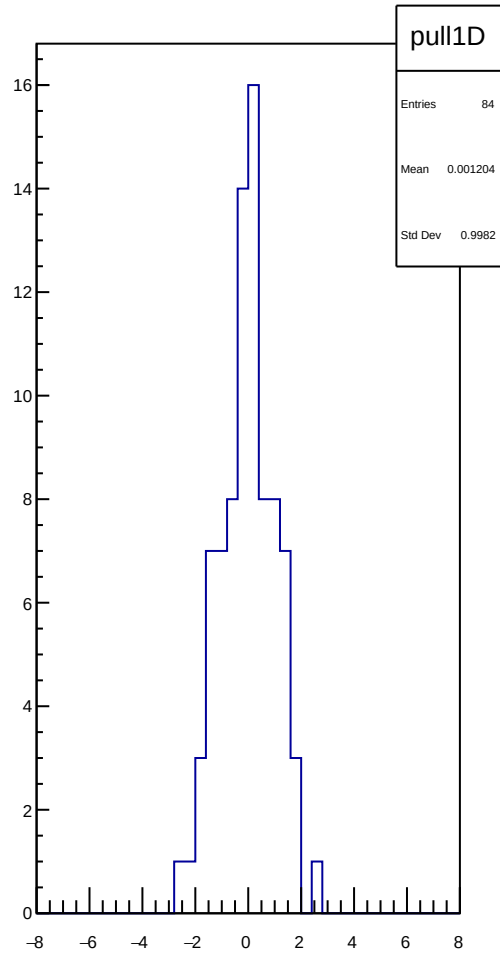
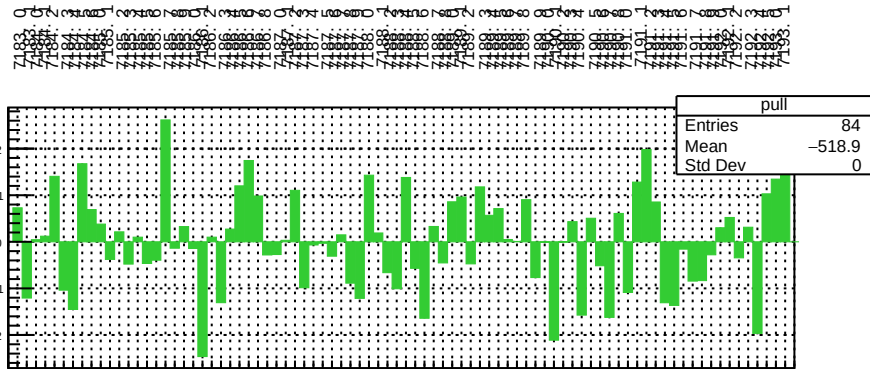
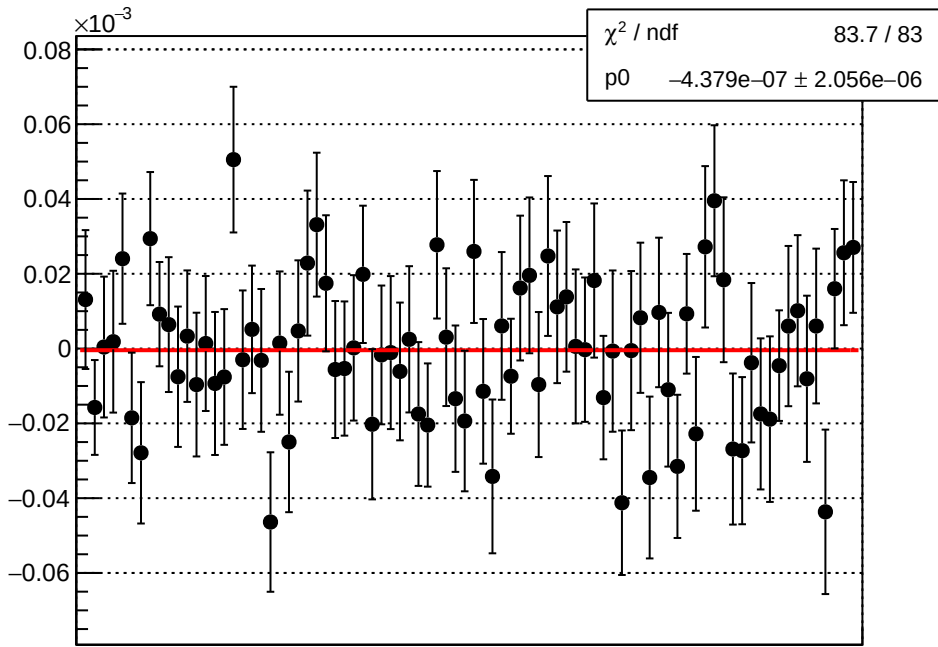
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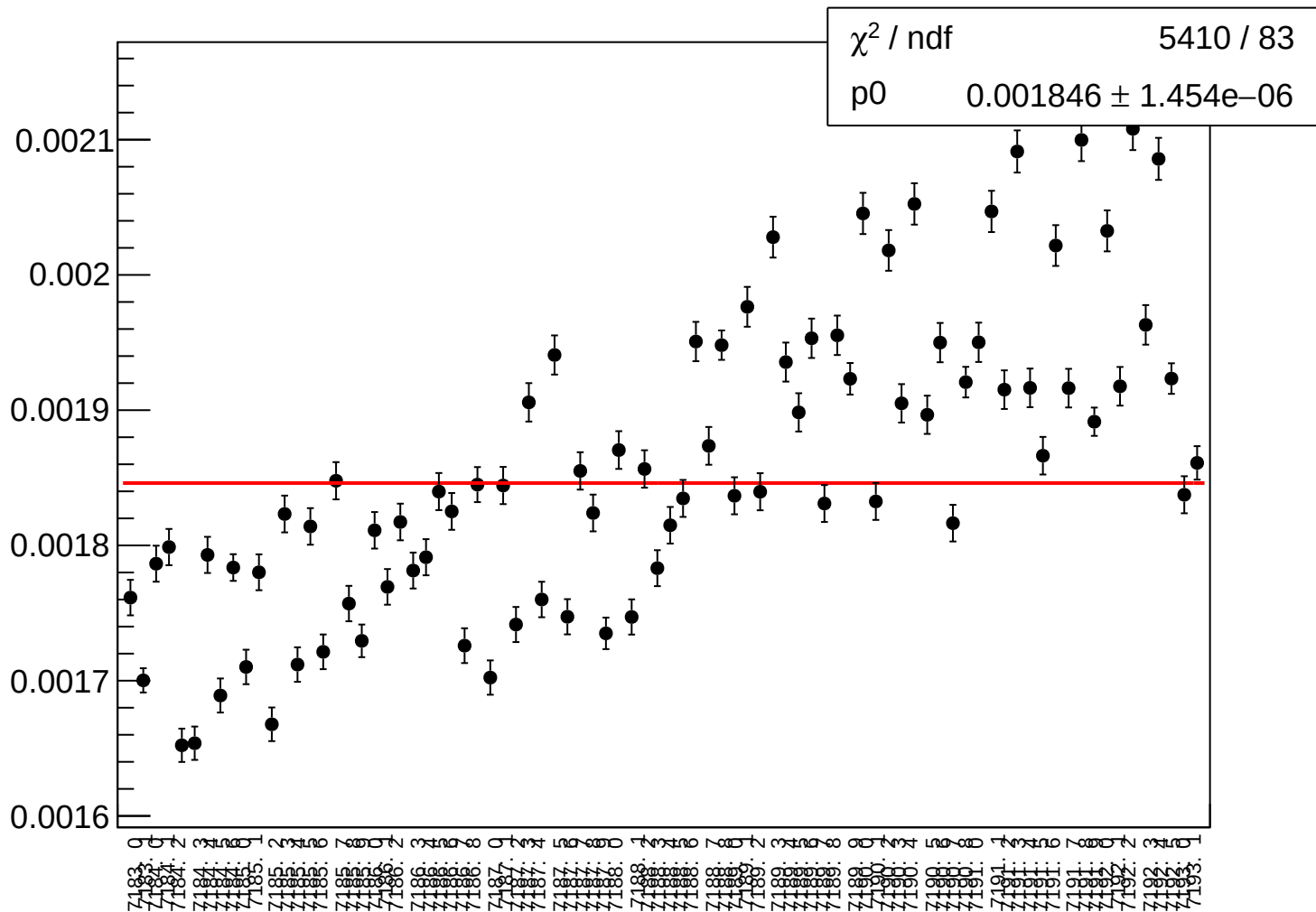
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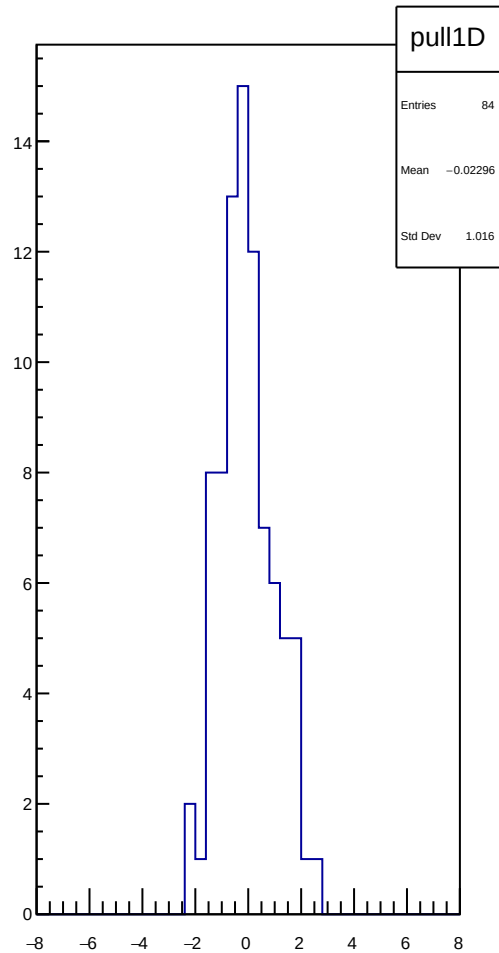
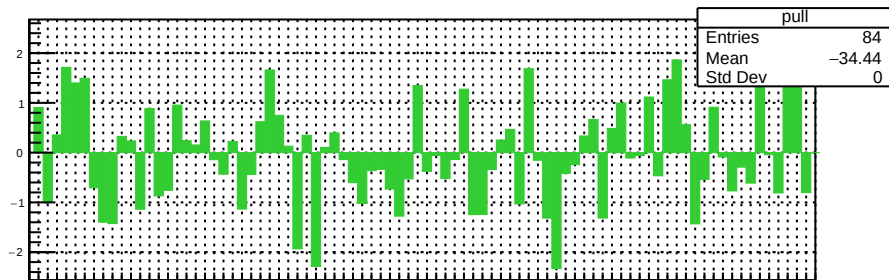
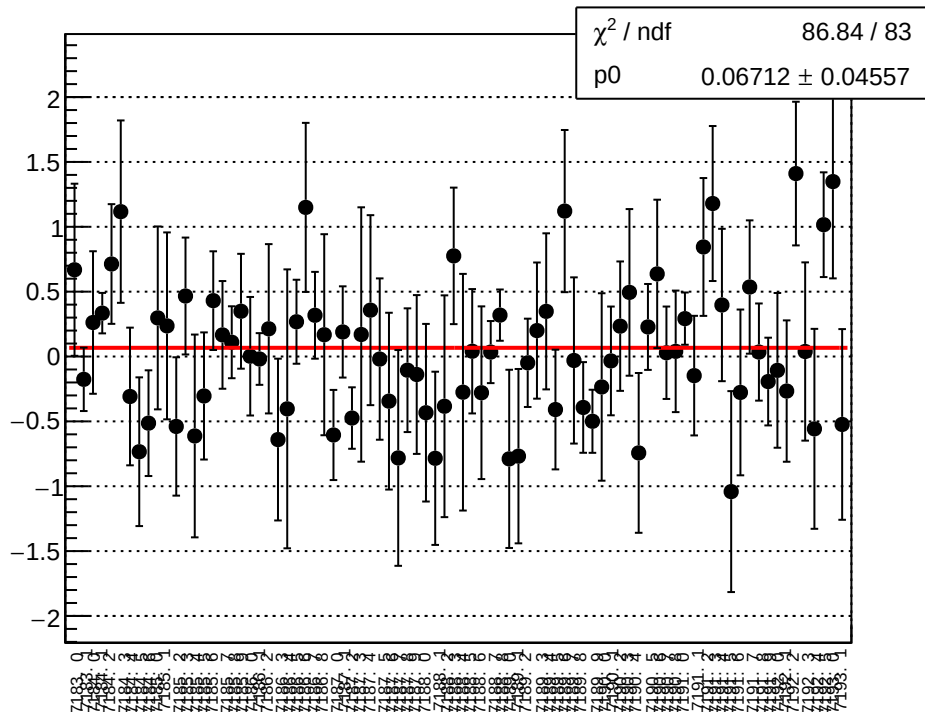
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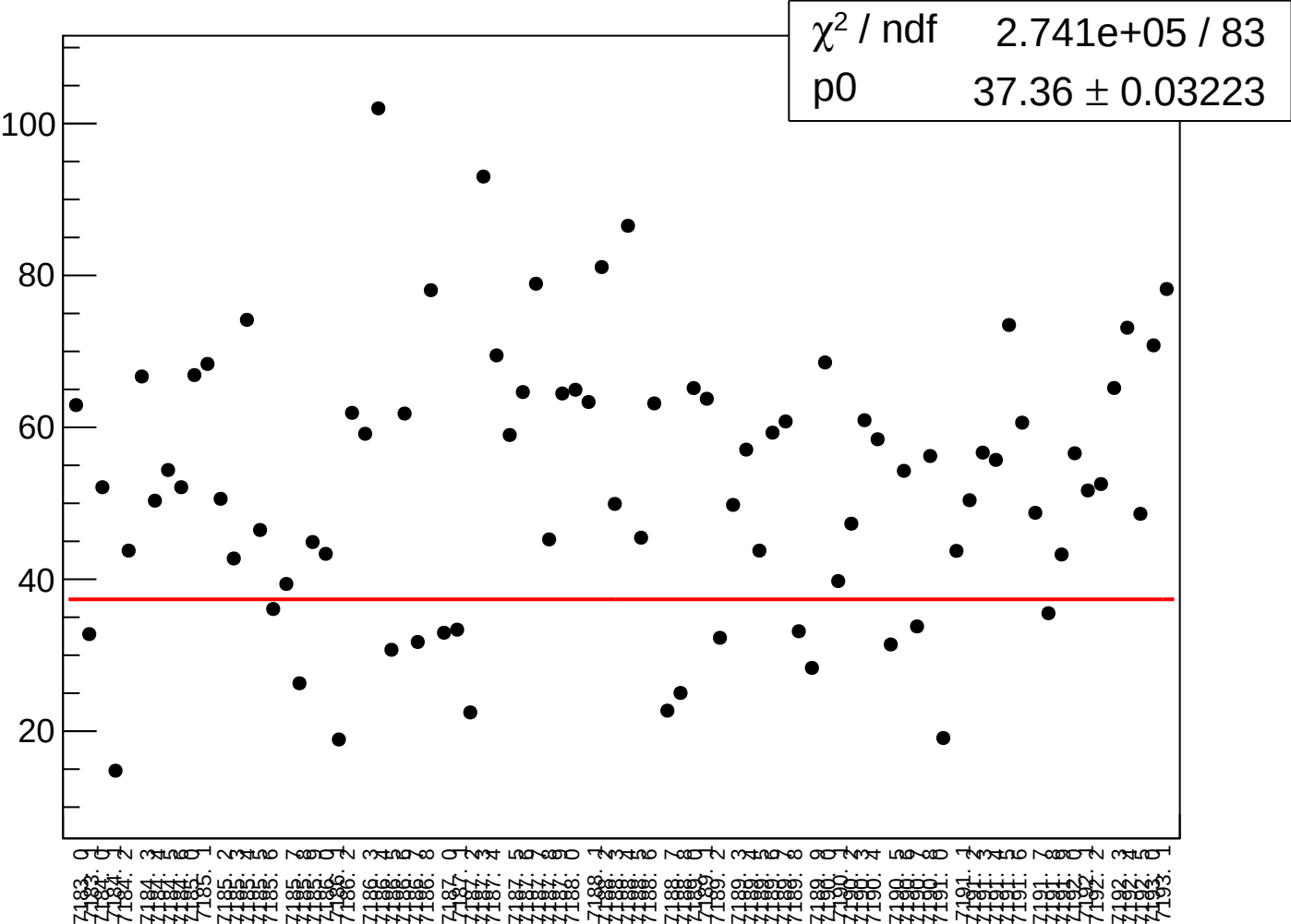
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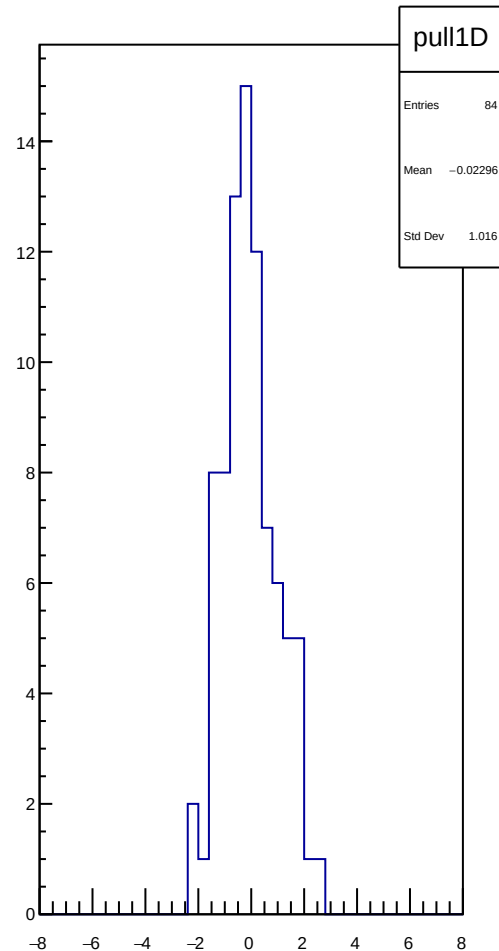
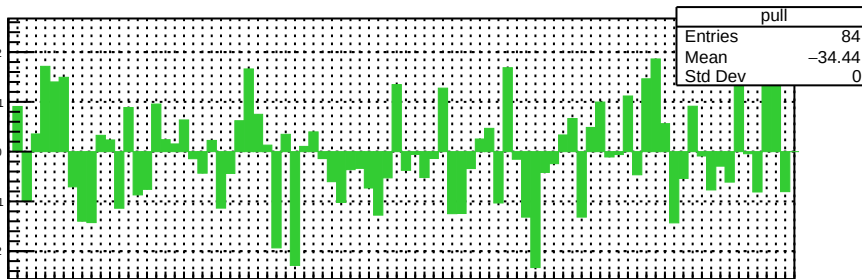


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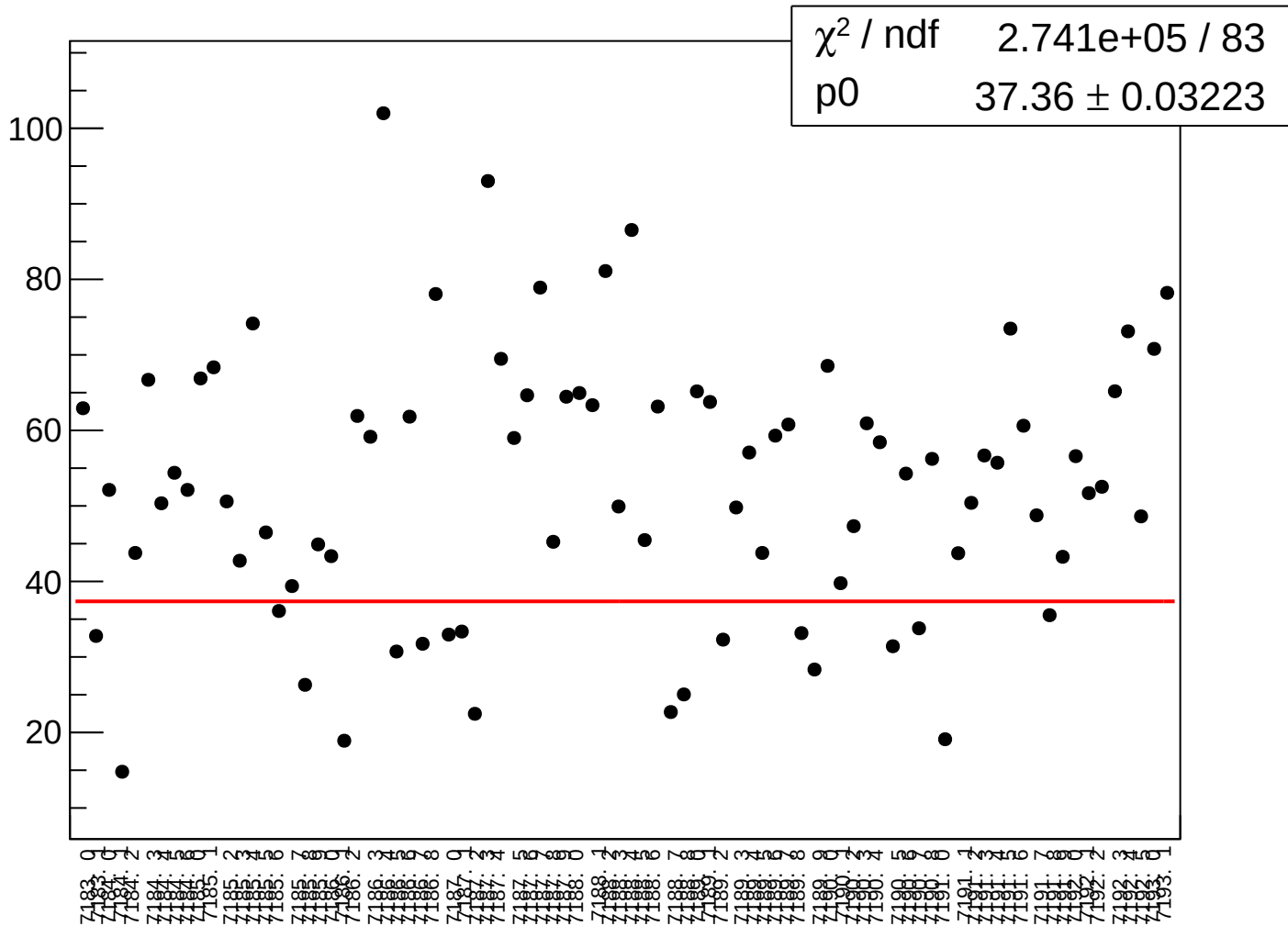


asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs run

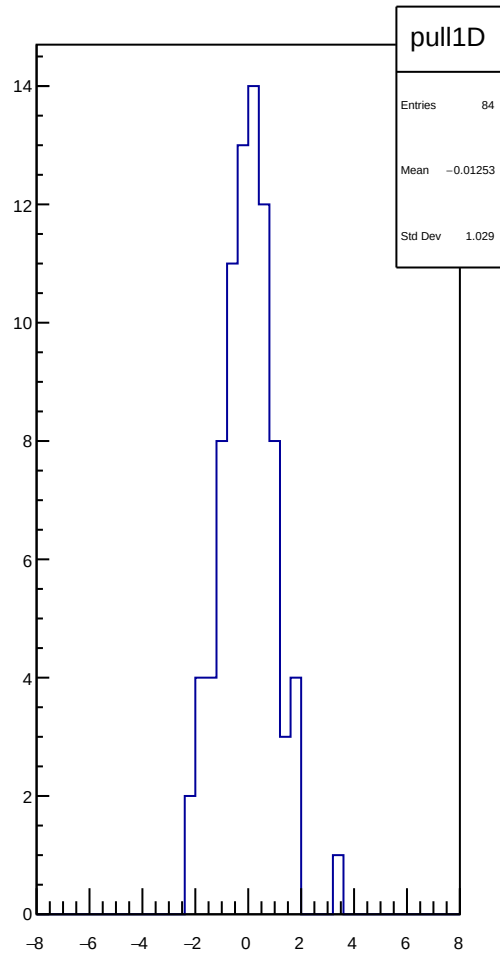
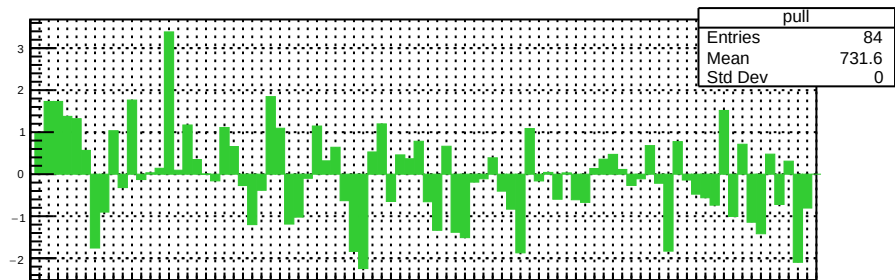
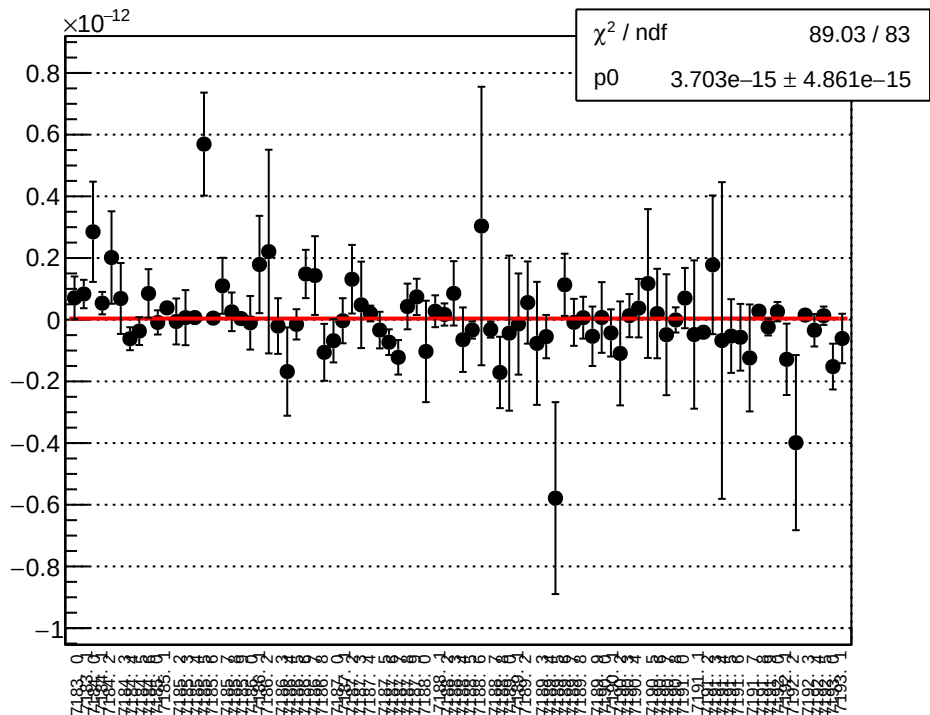




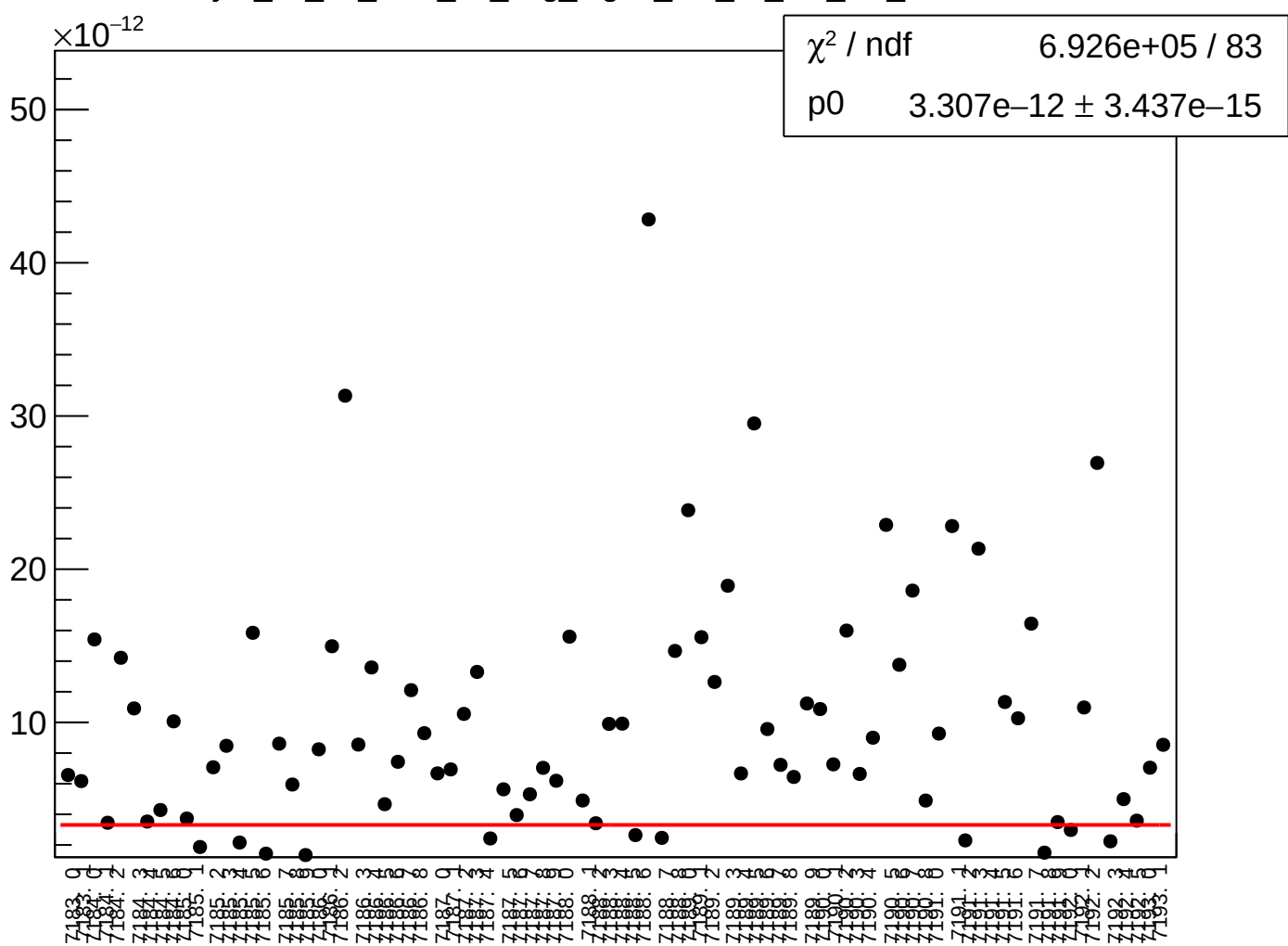
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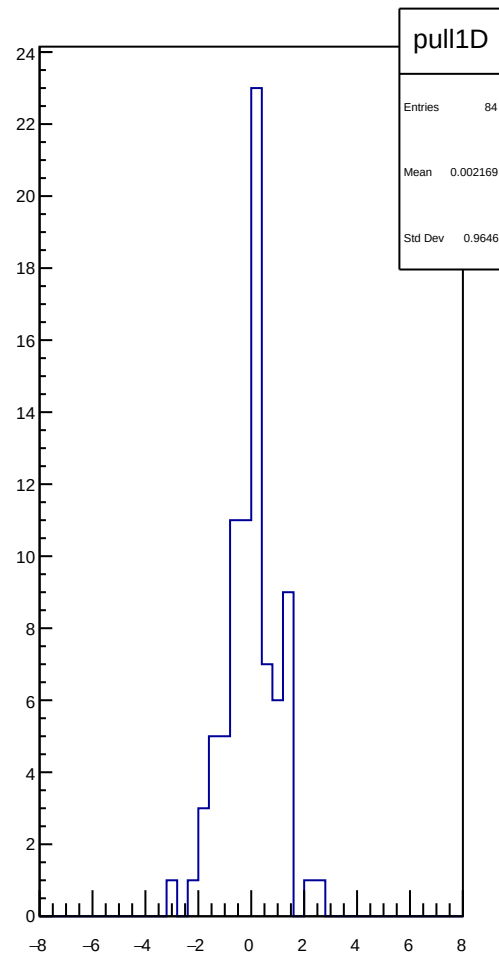
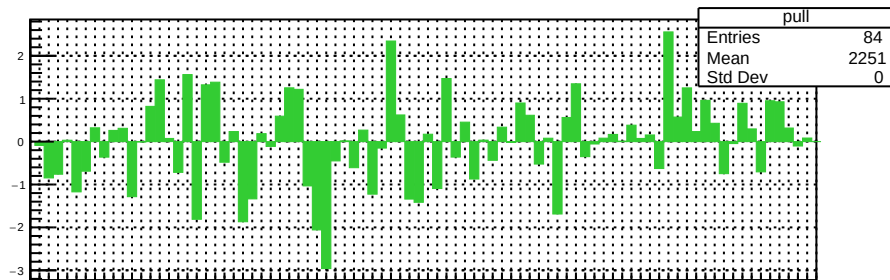
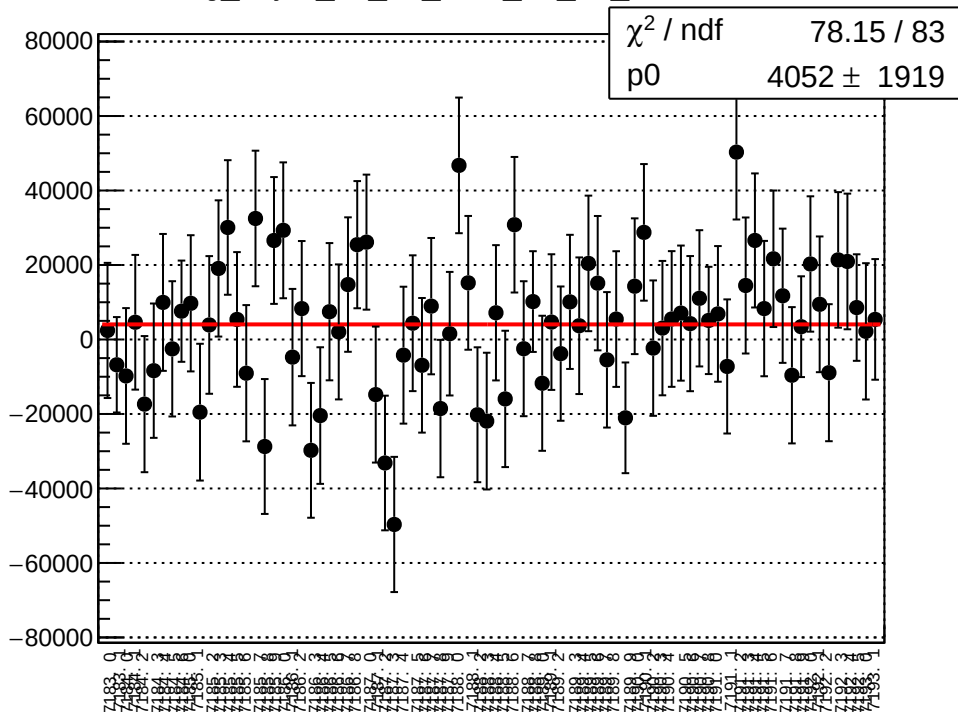
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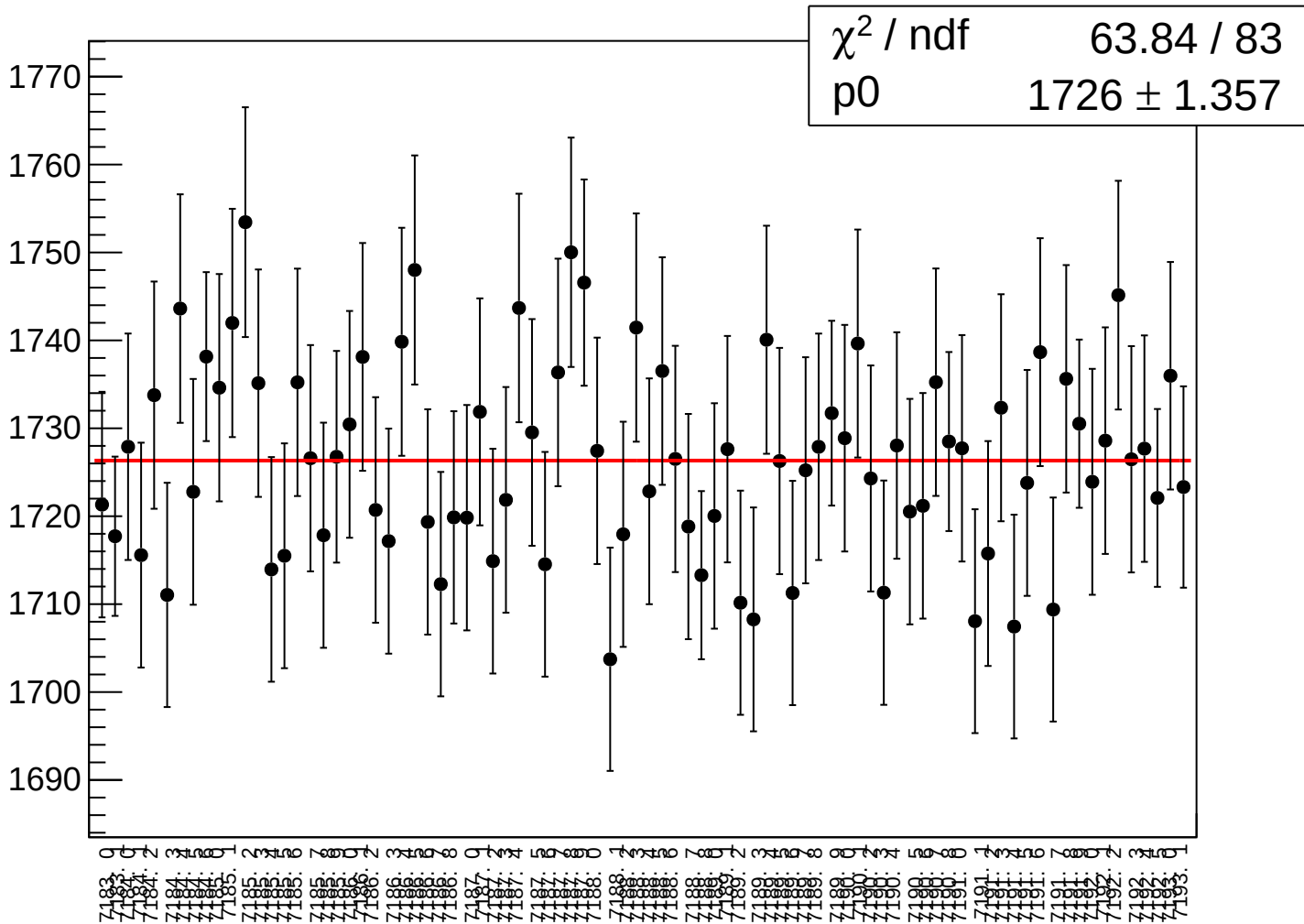
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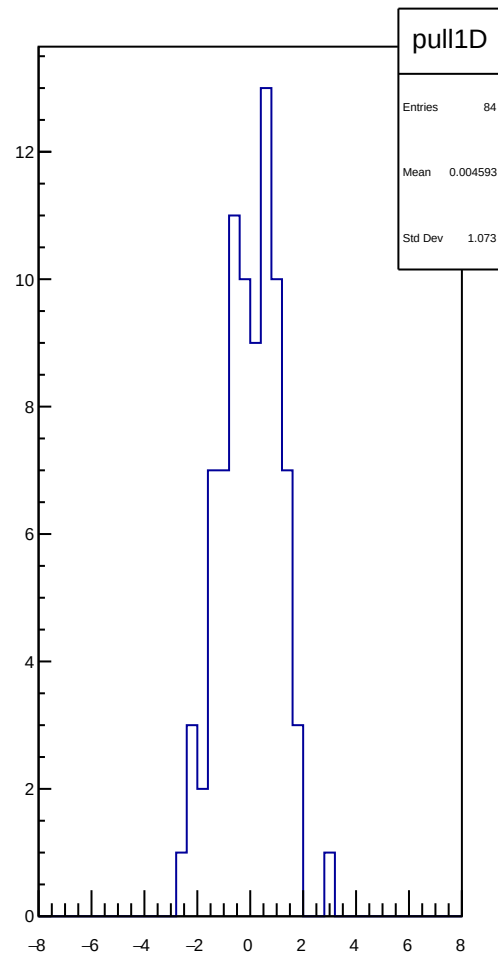
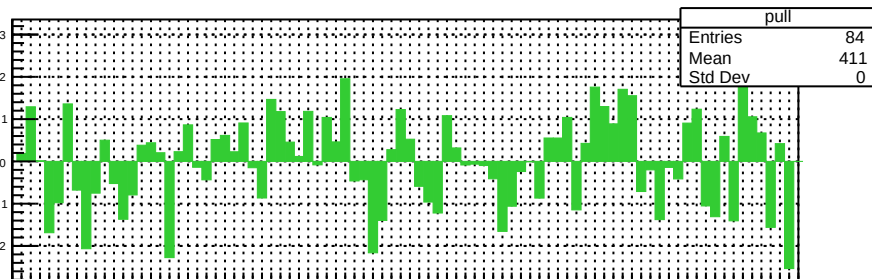
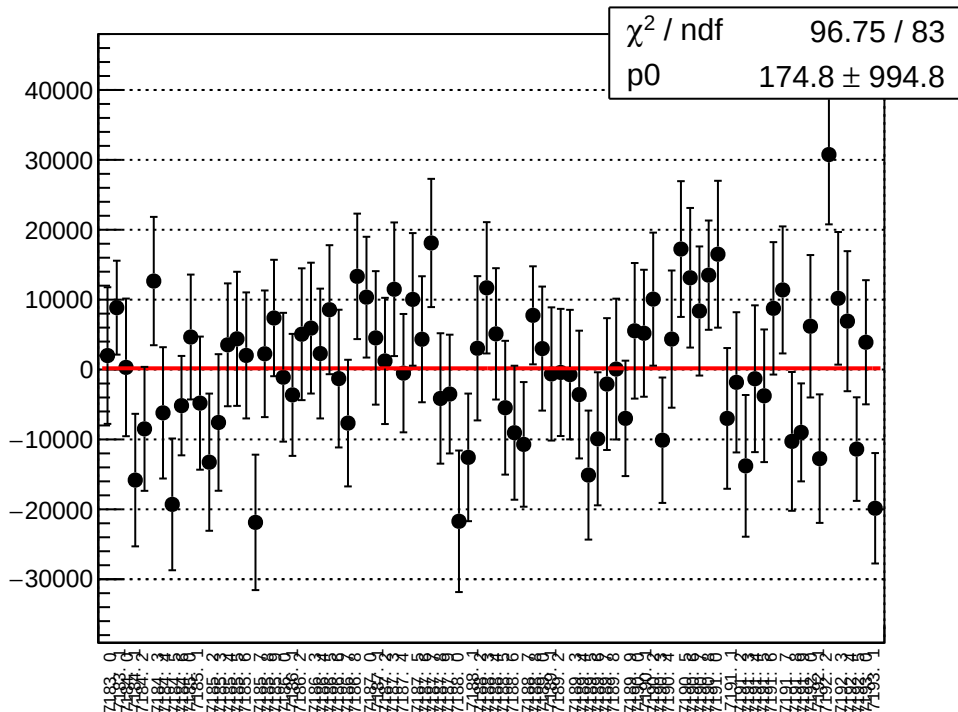
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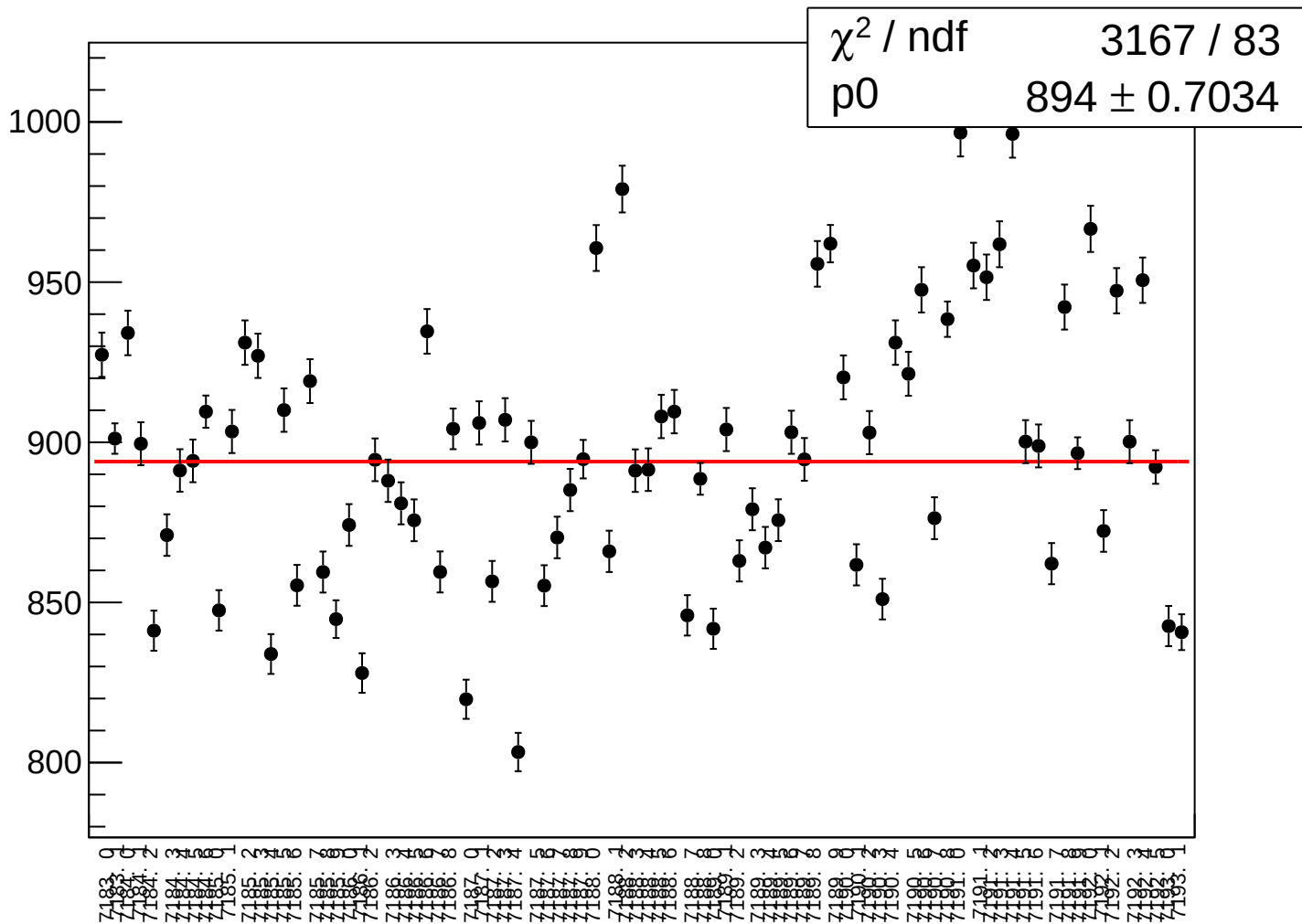
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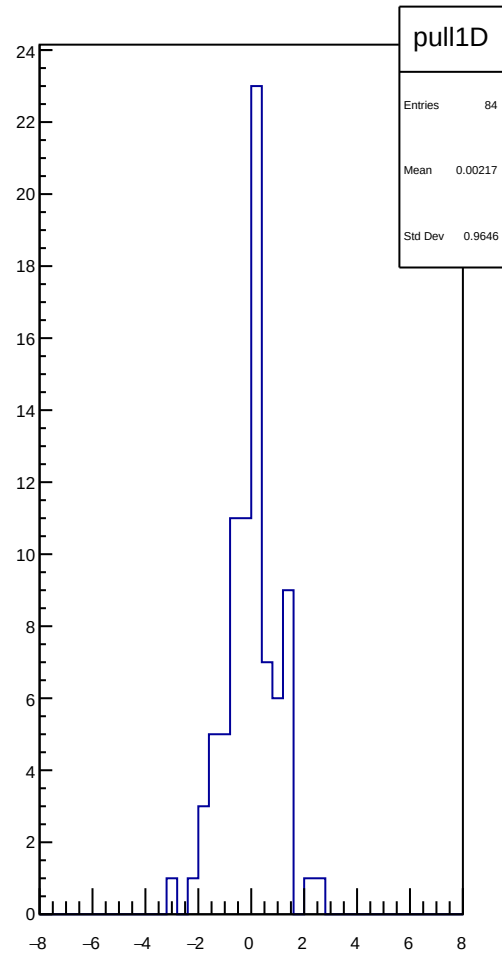
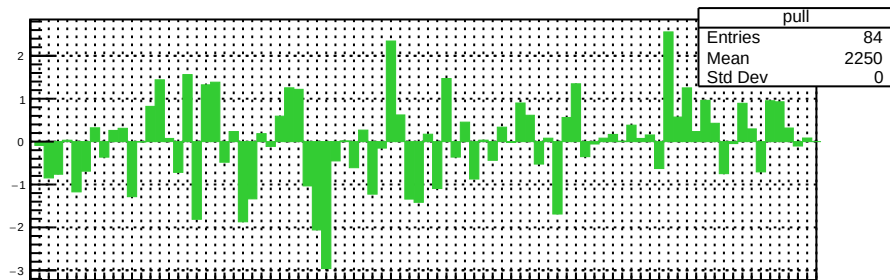
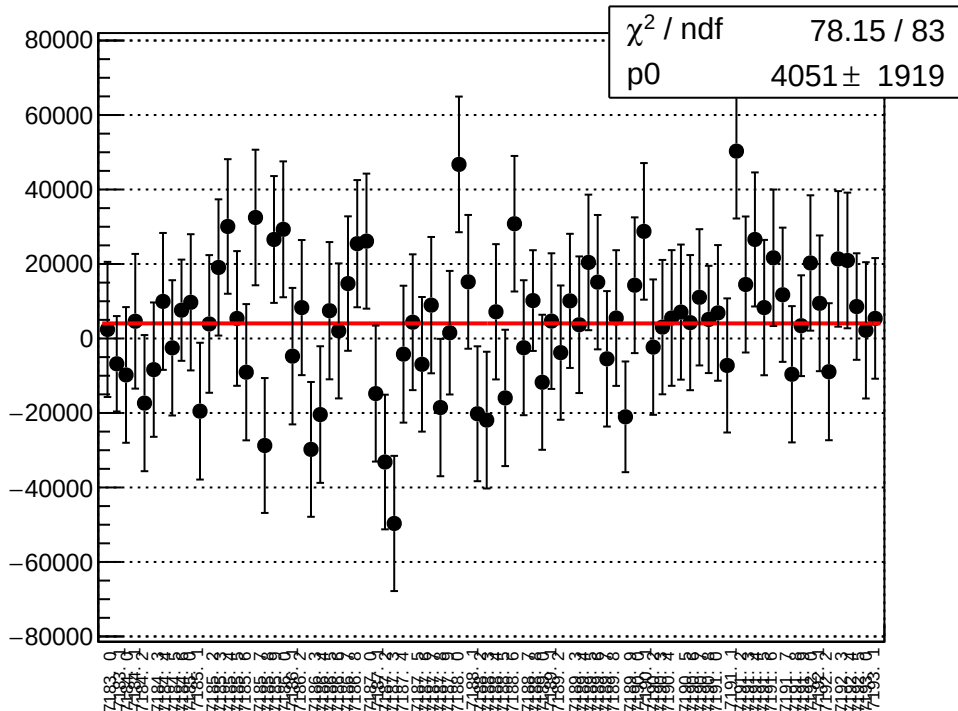
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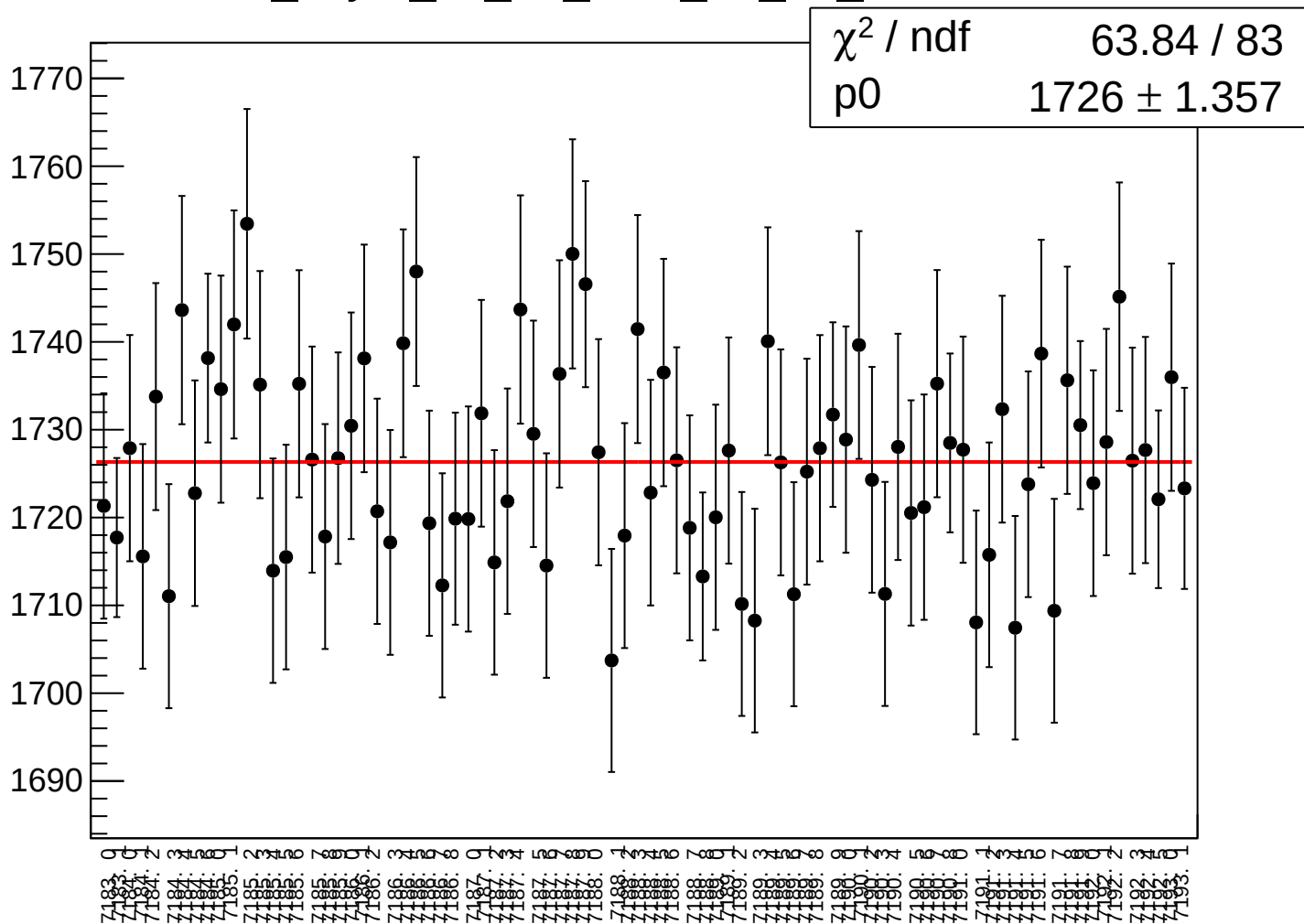
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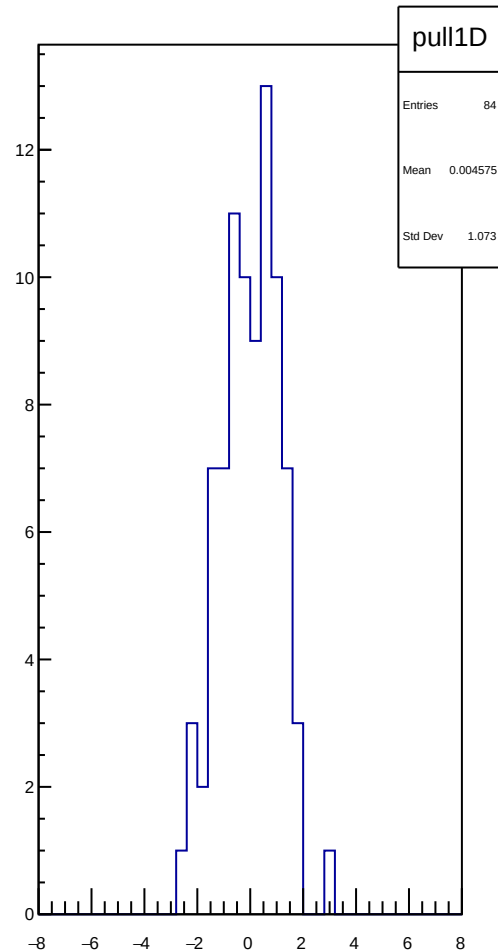
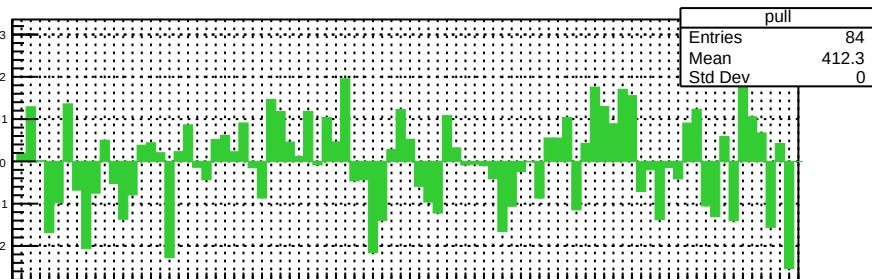
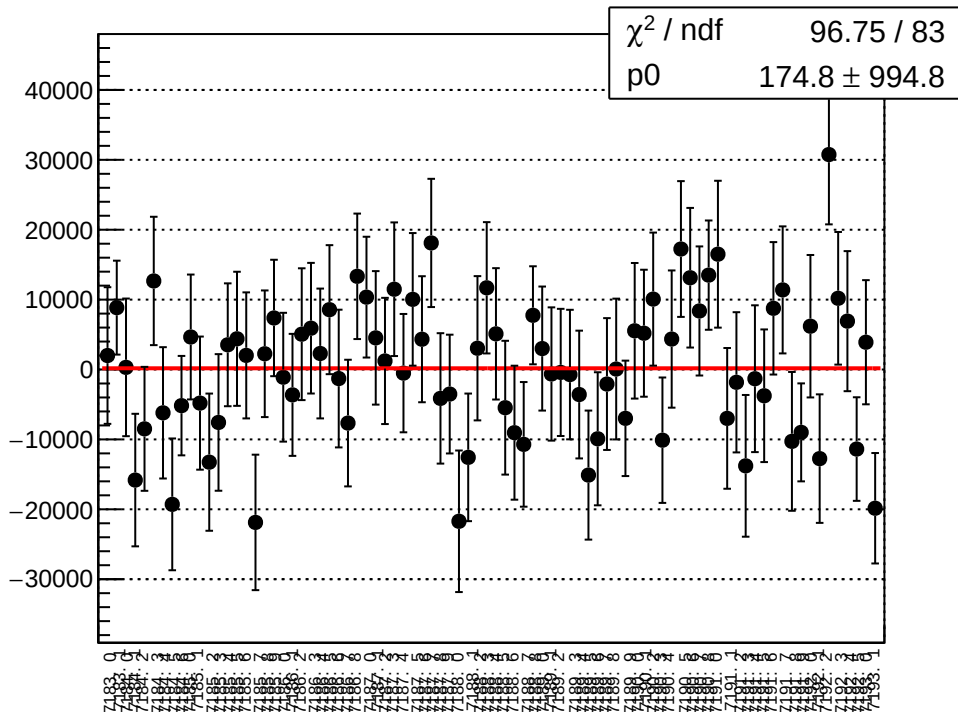
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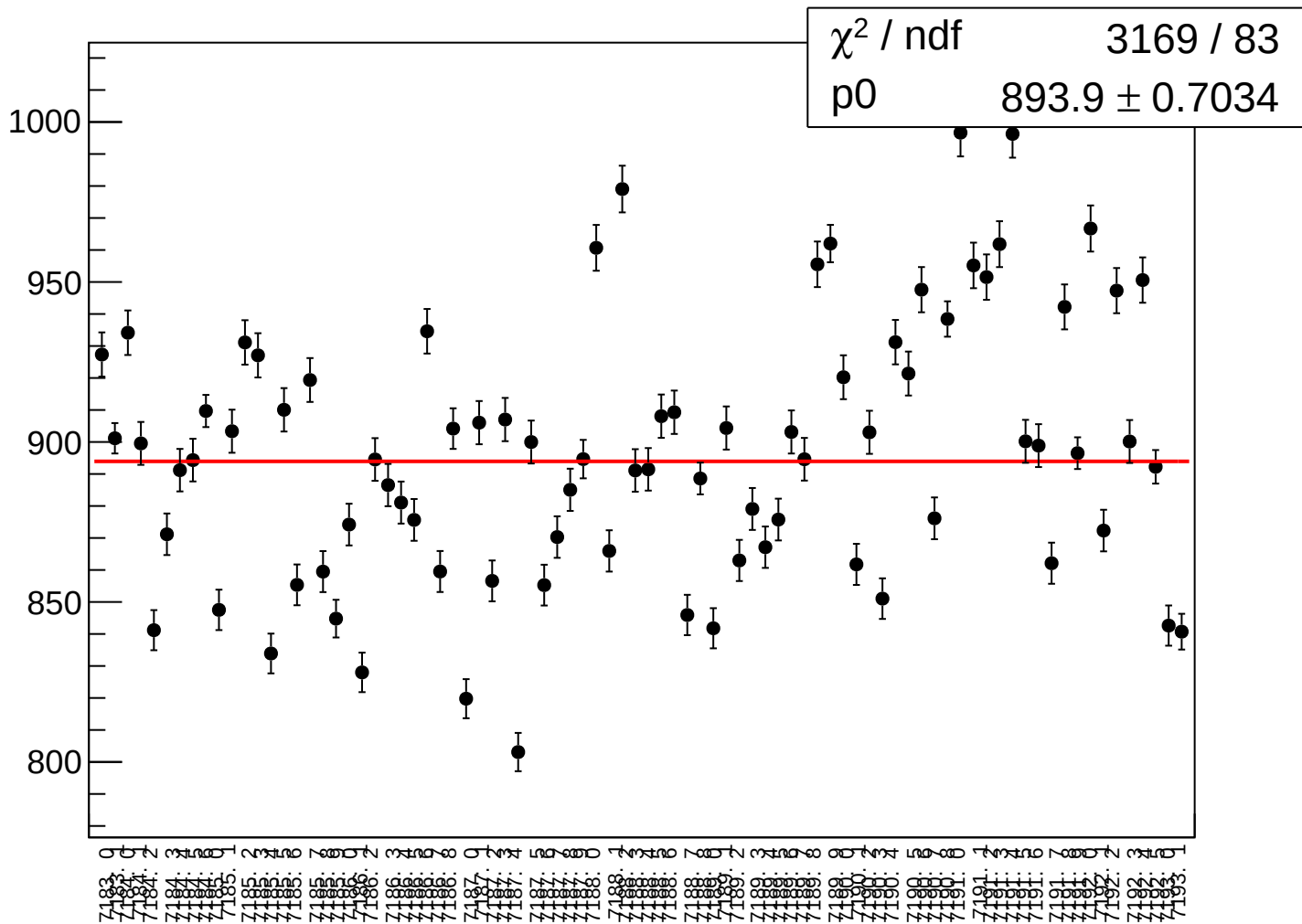
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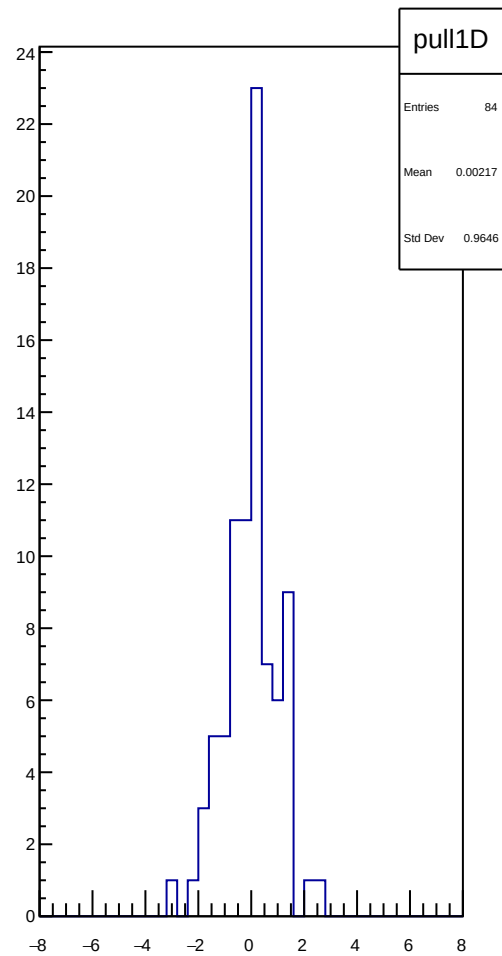
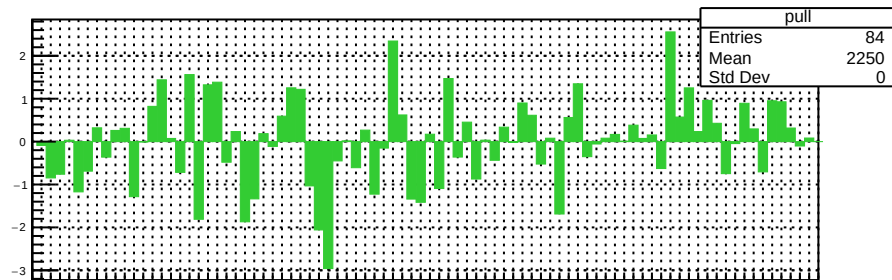
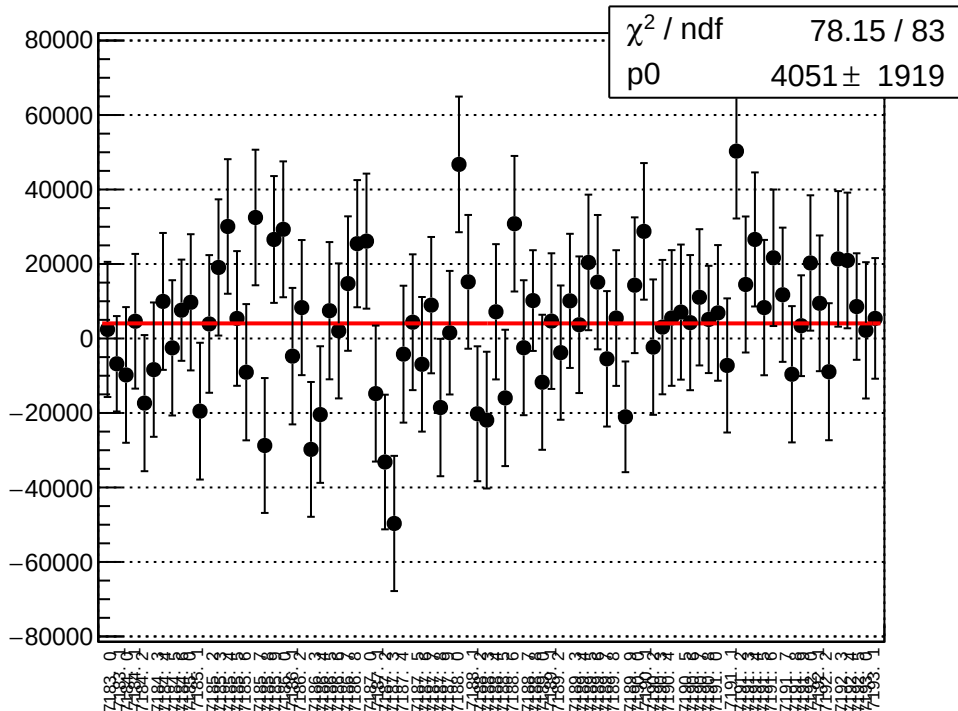
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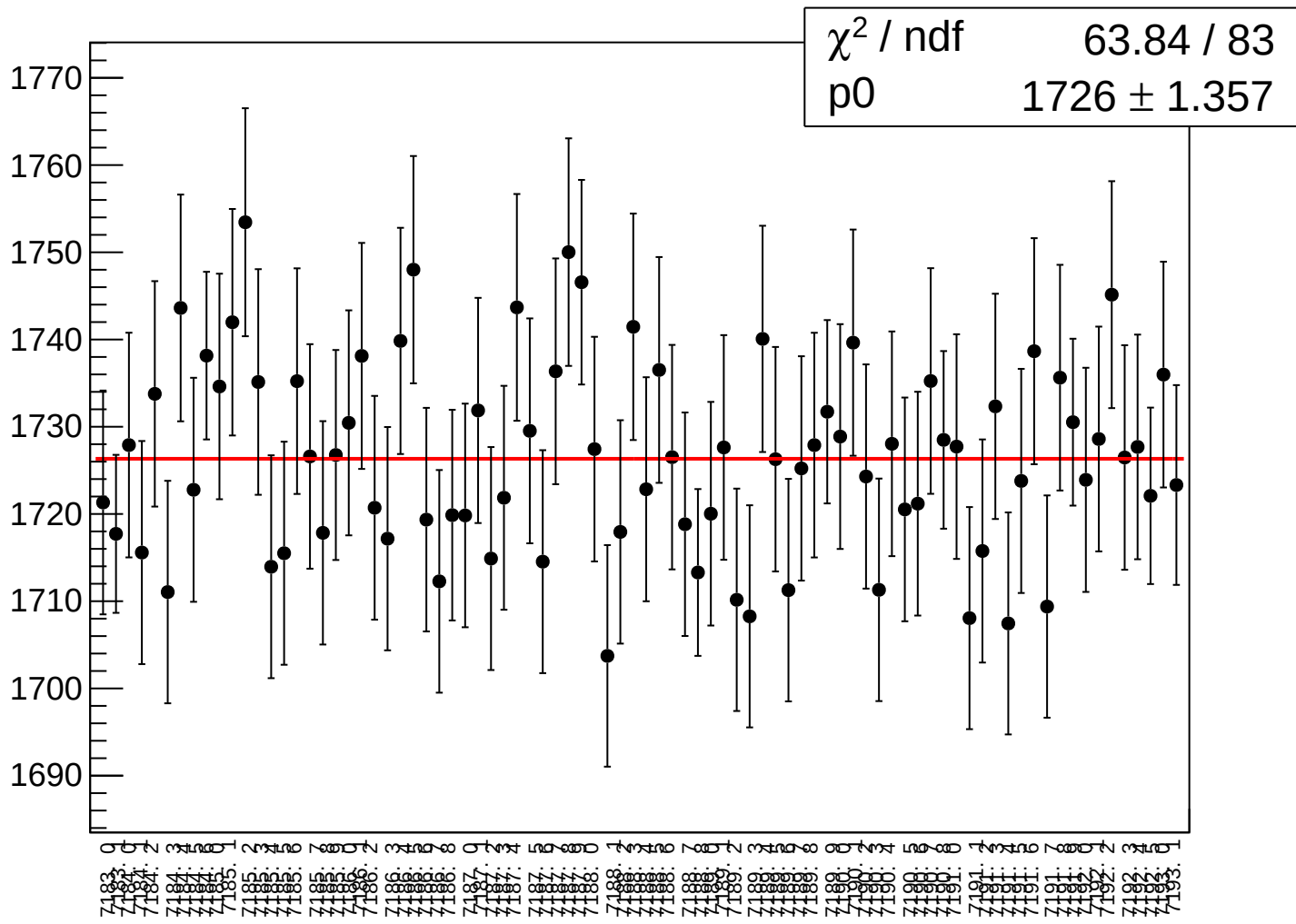
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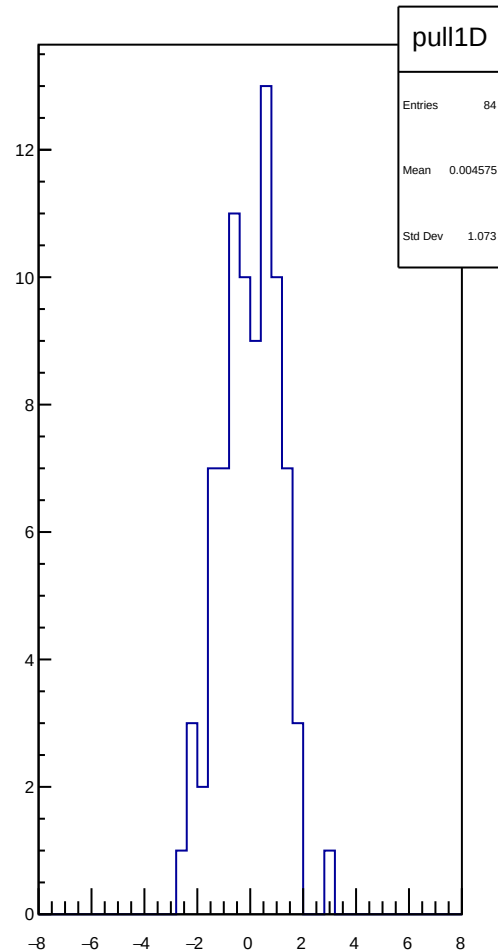
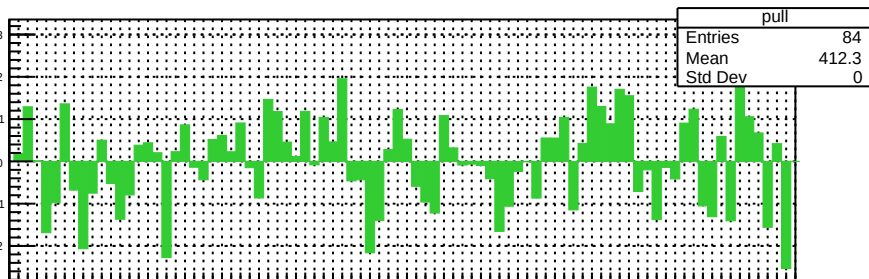
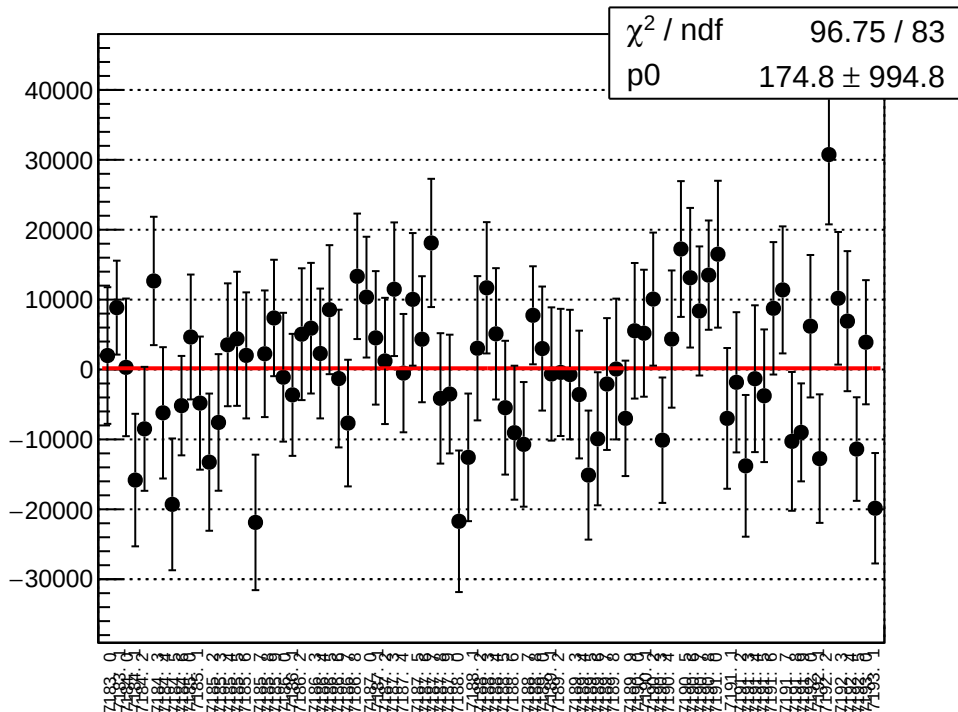
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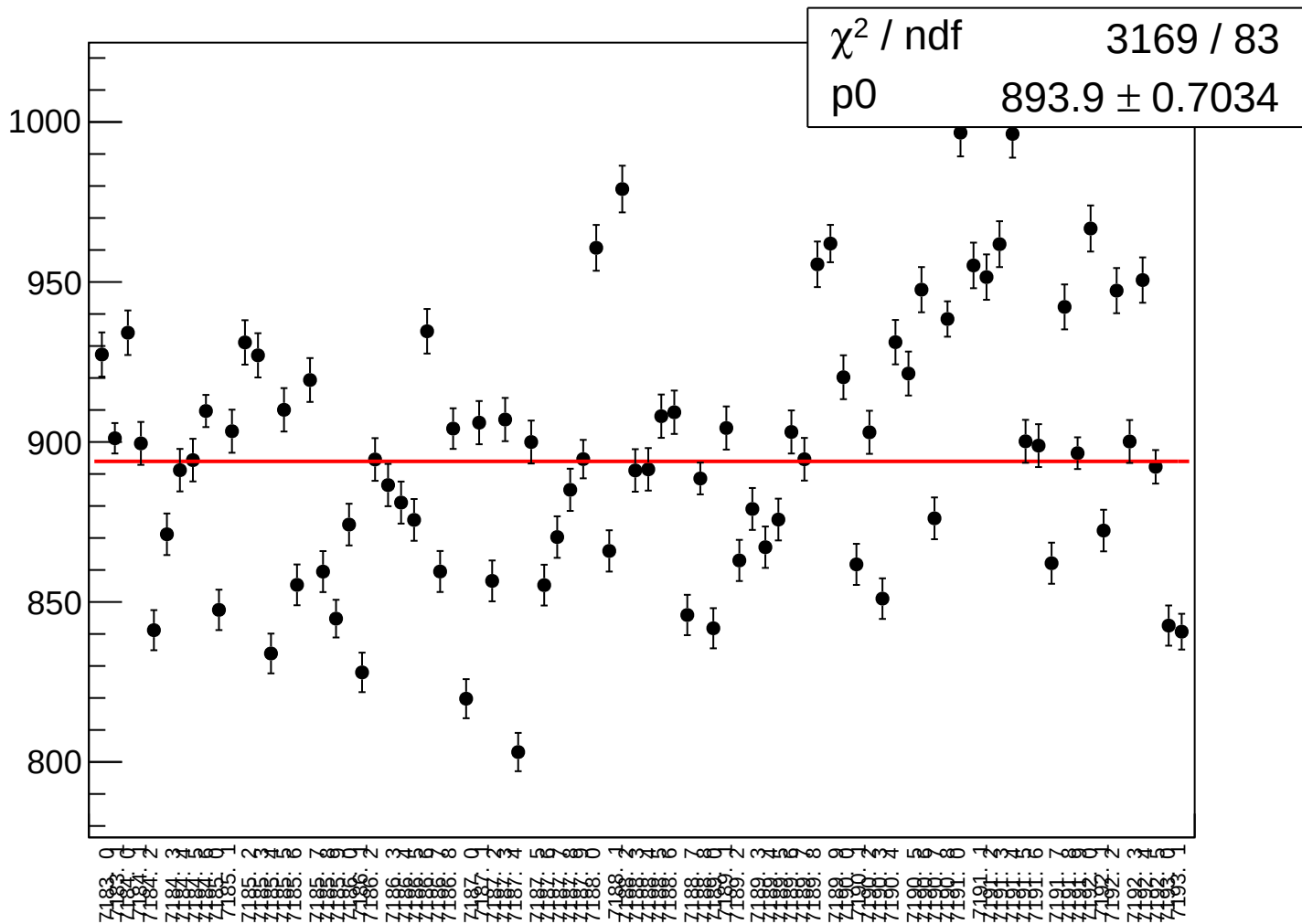
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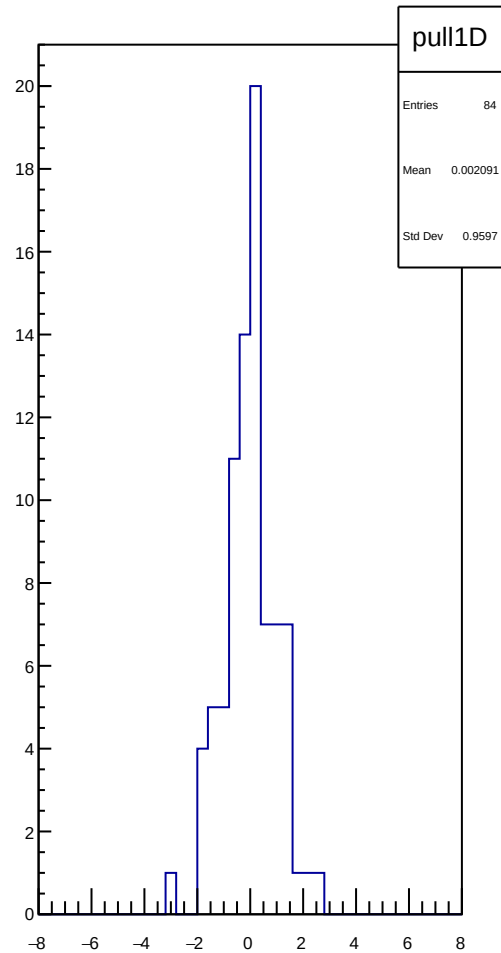
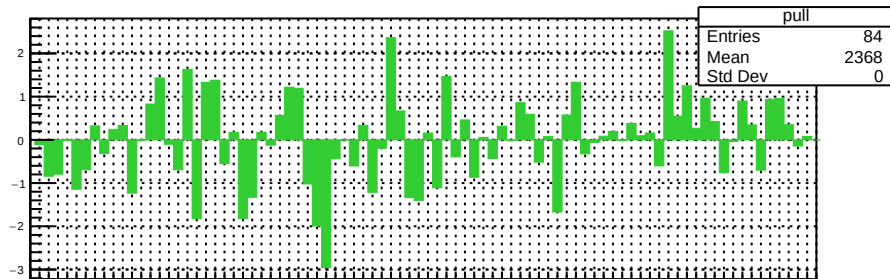
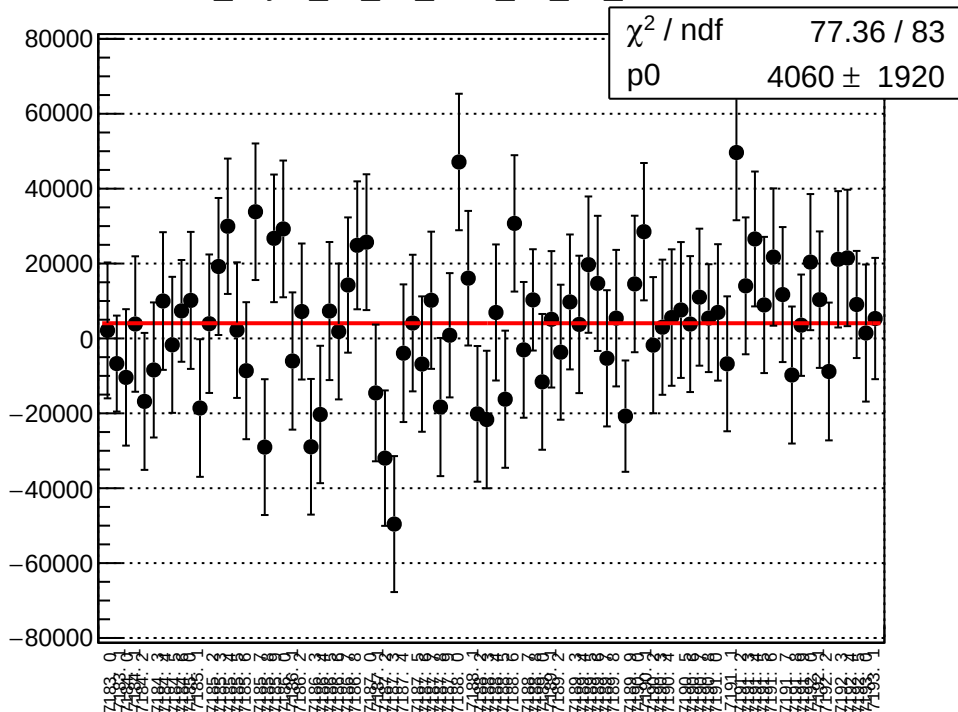
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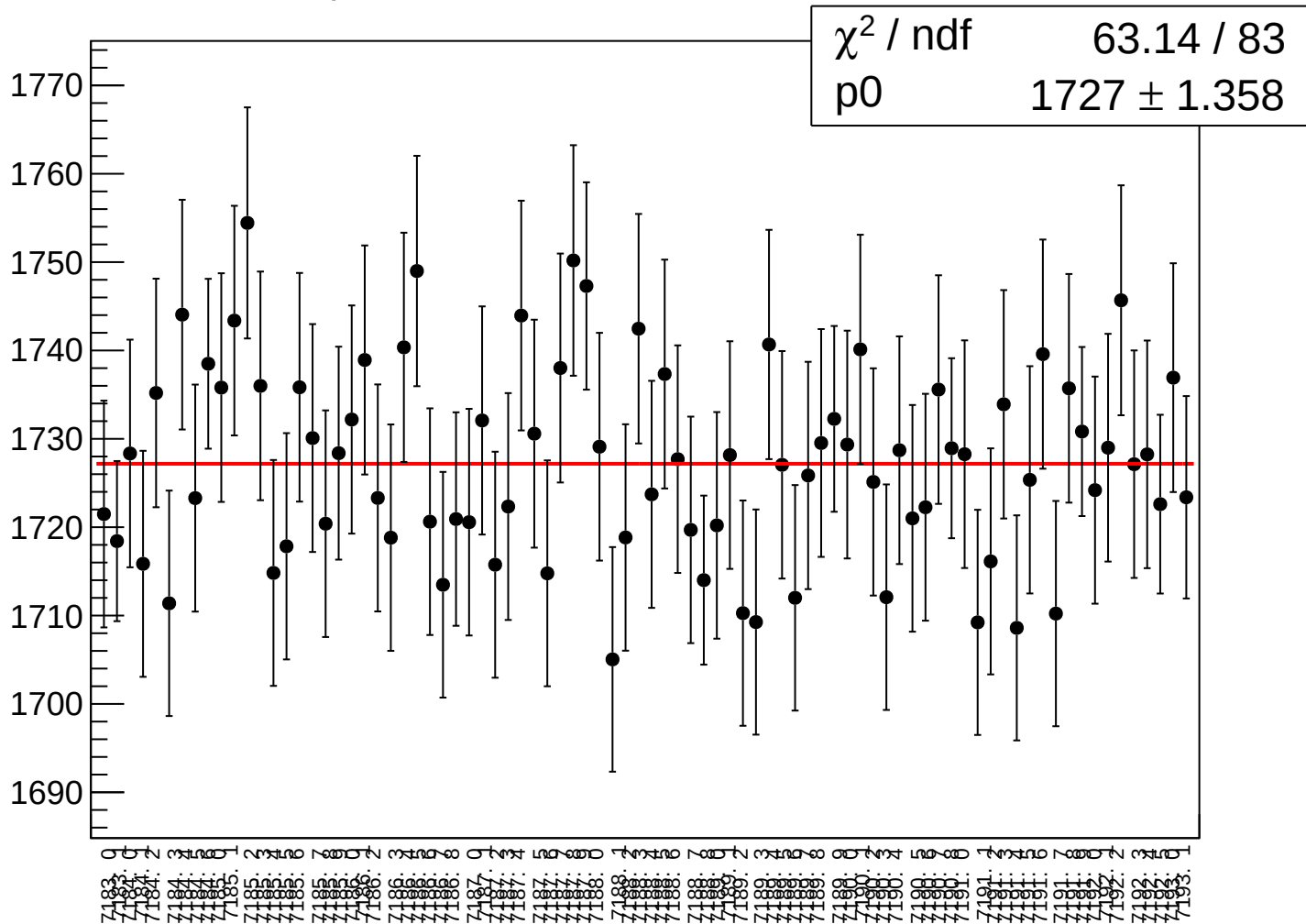
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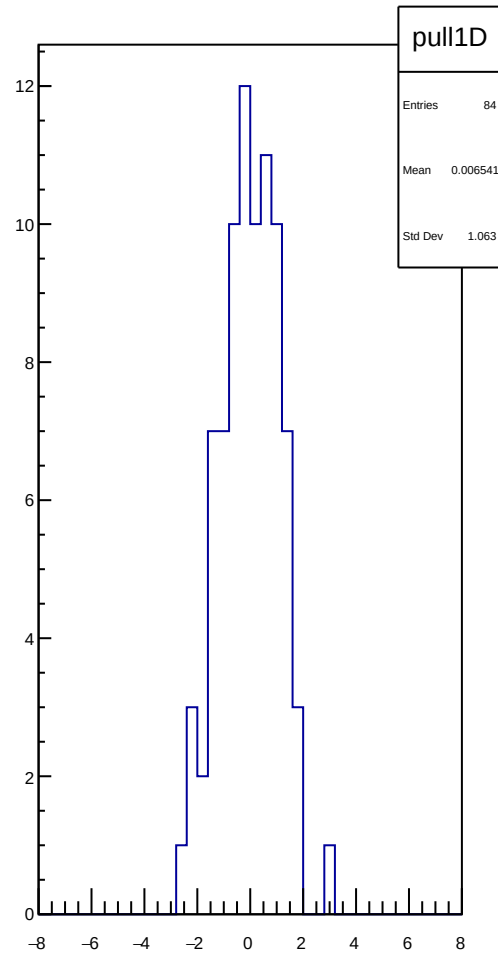
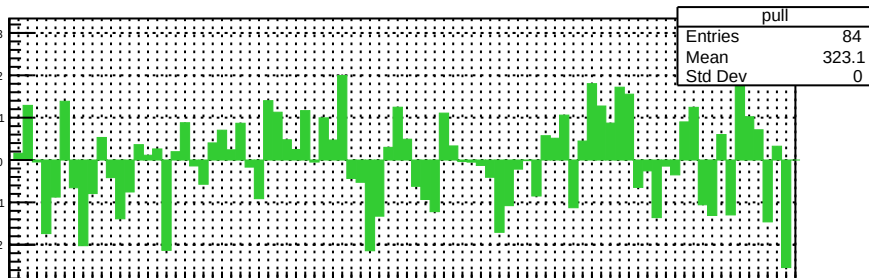
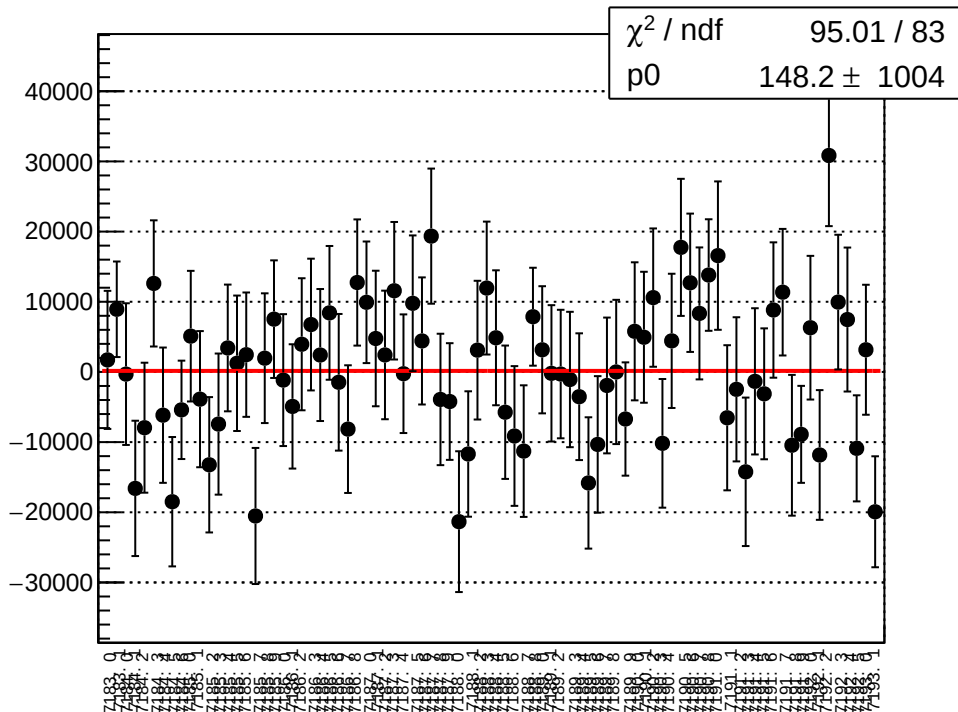
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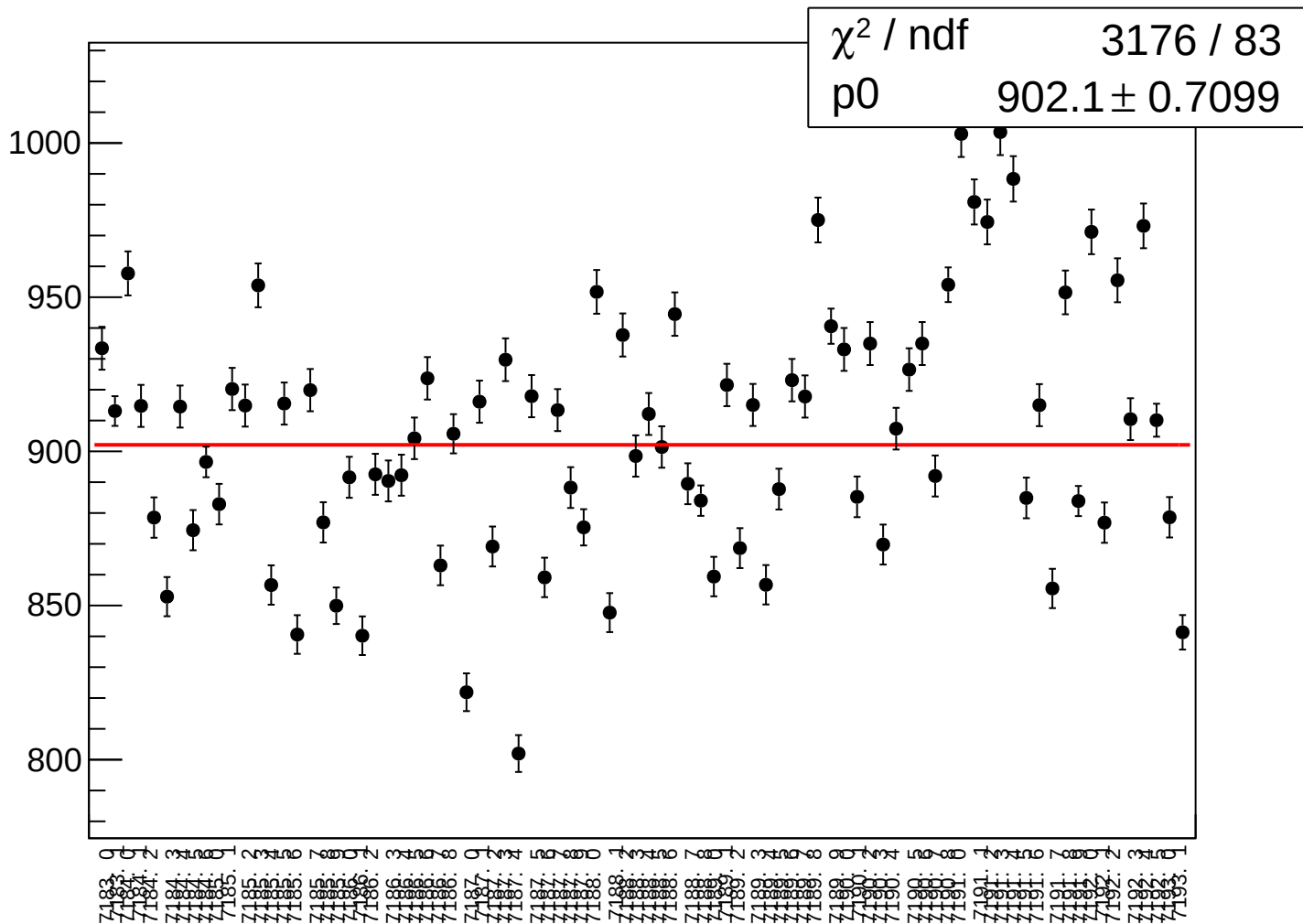
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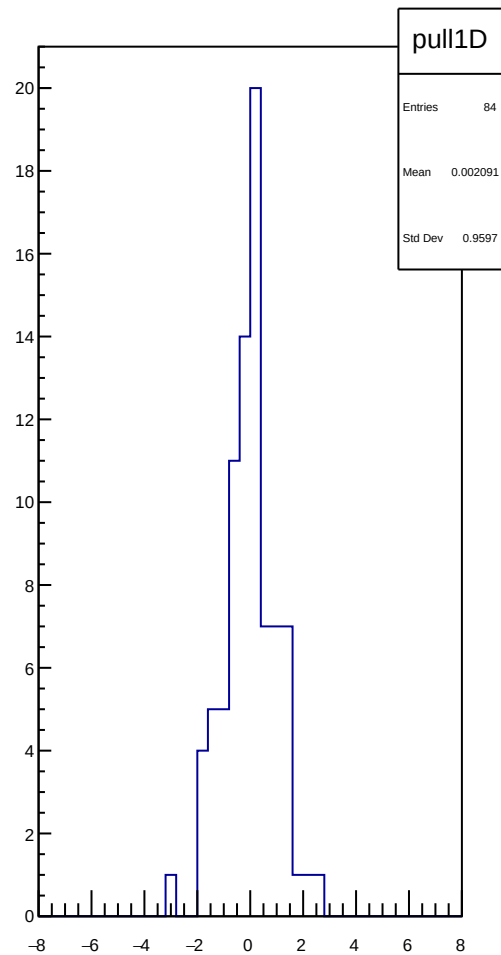
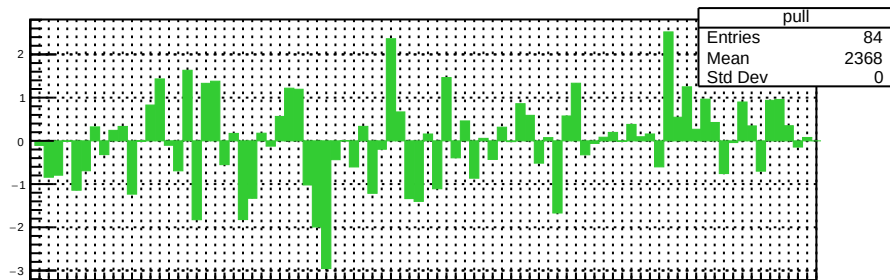
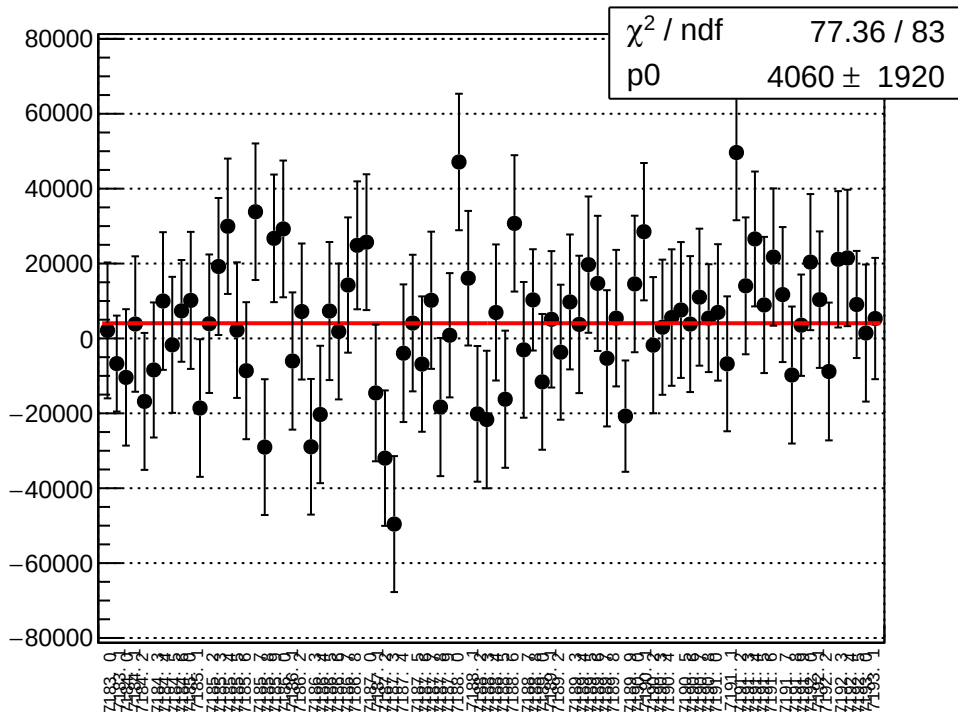
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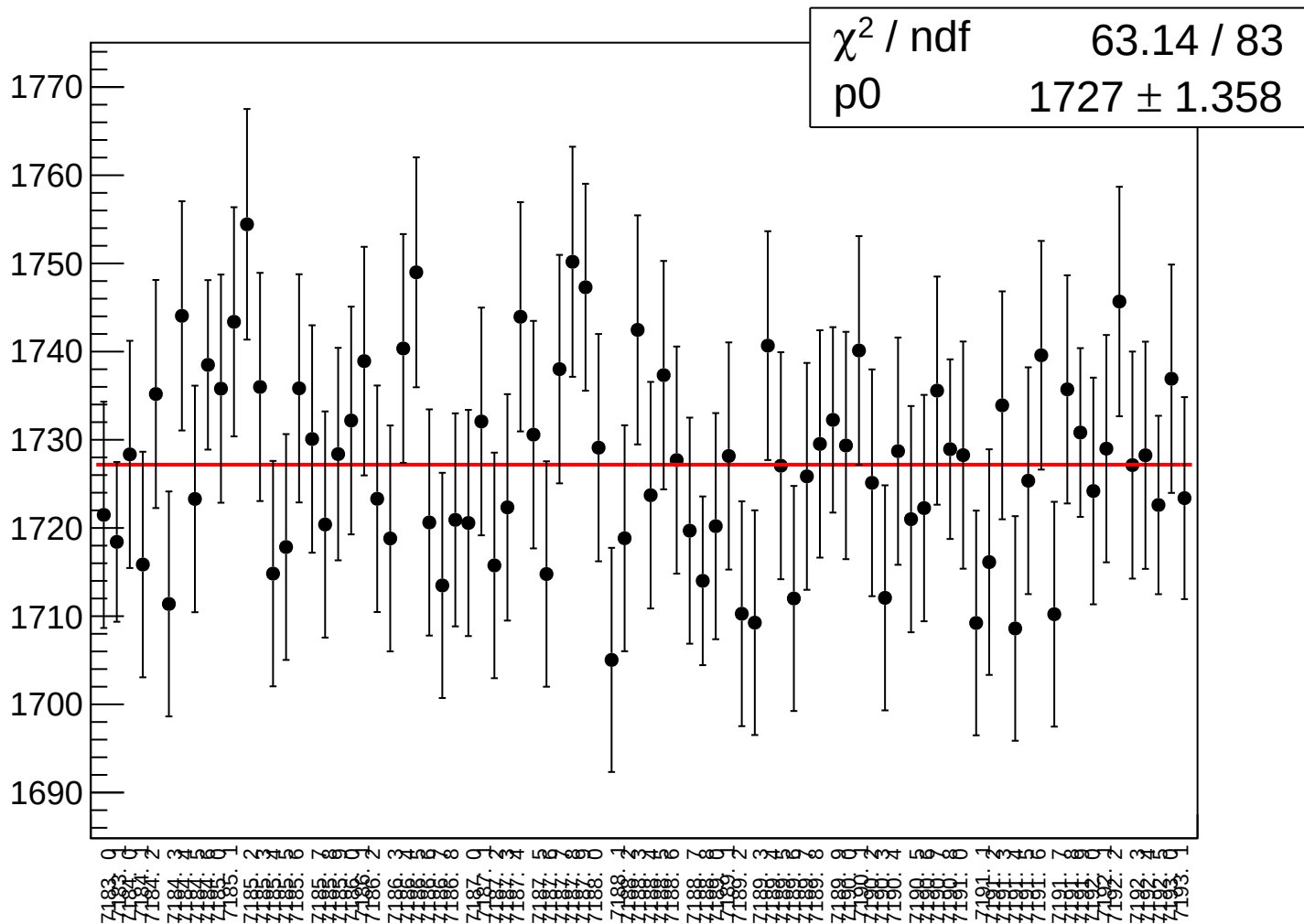
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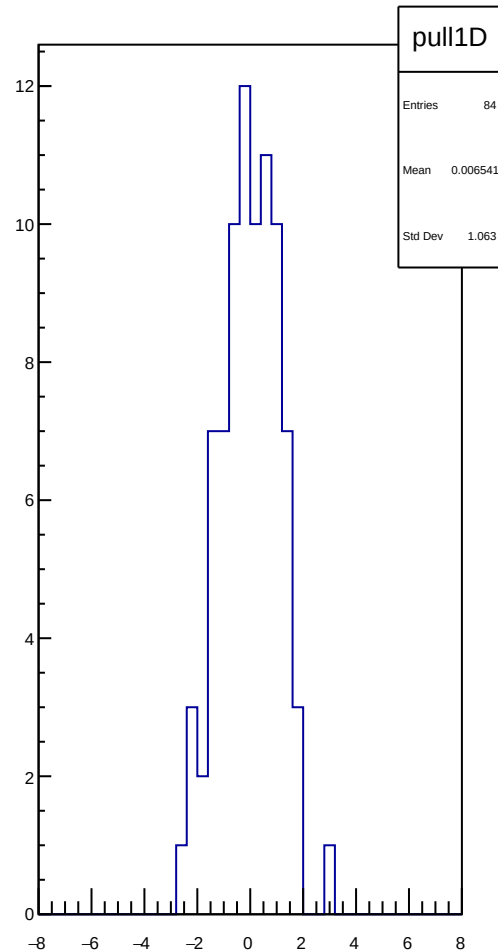
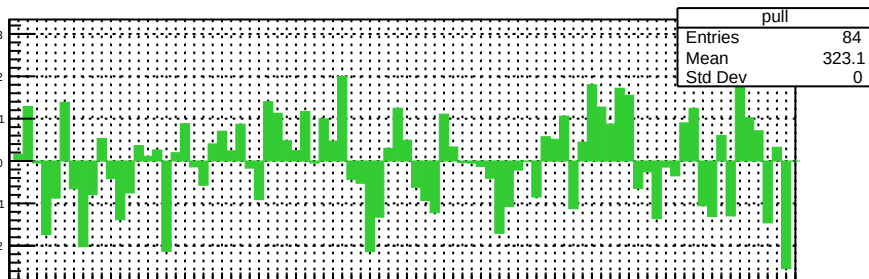
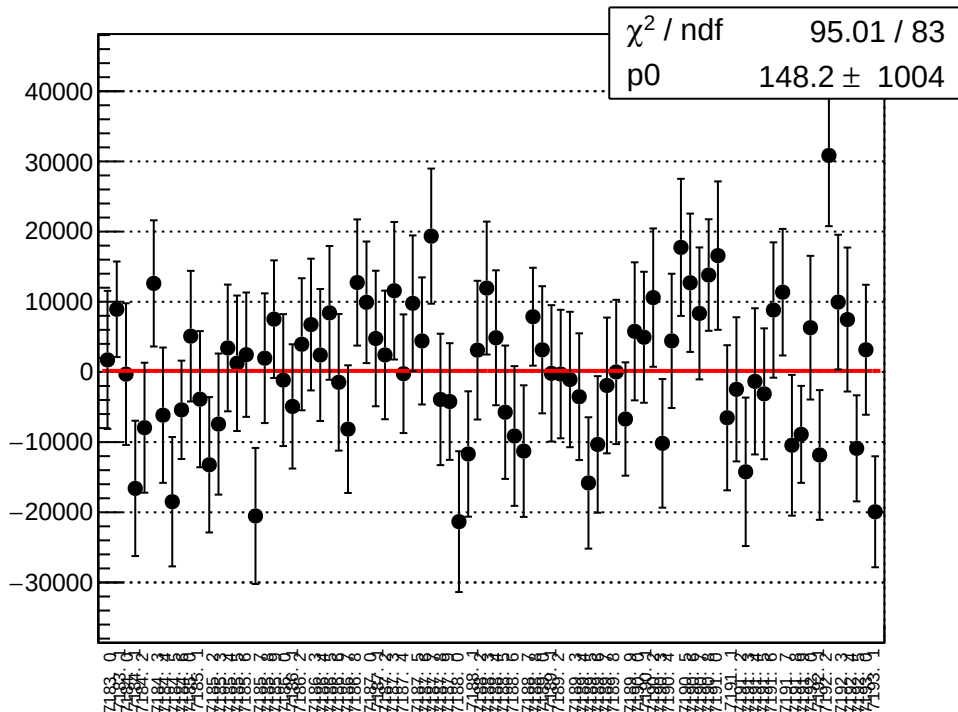
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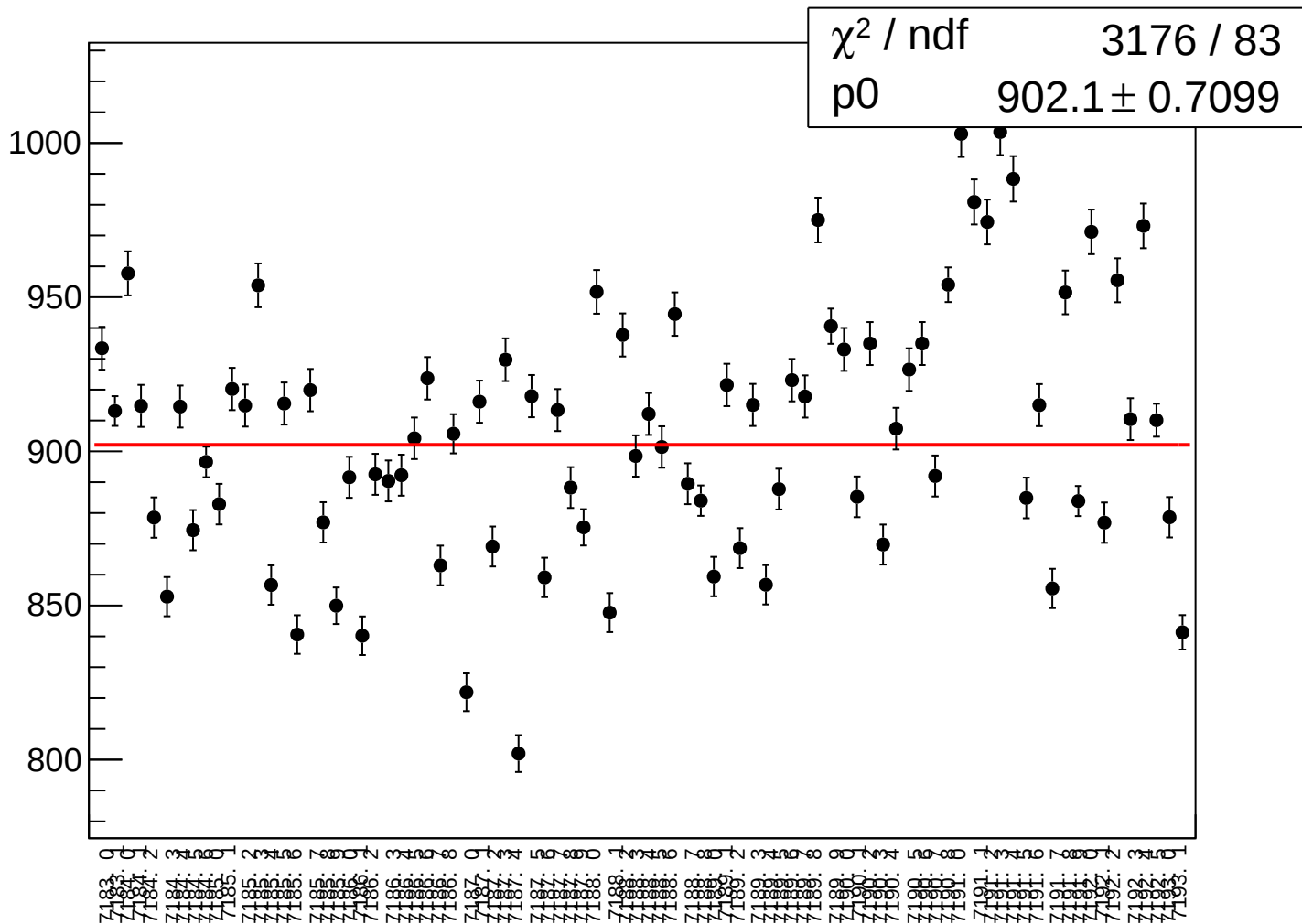
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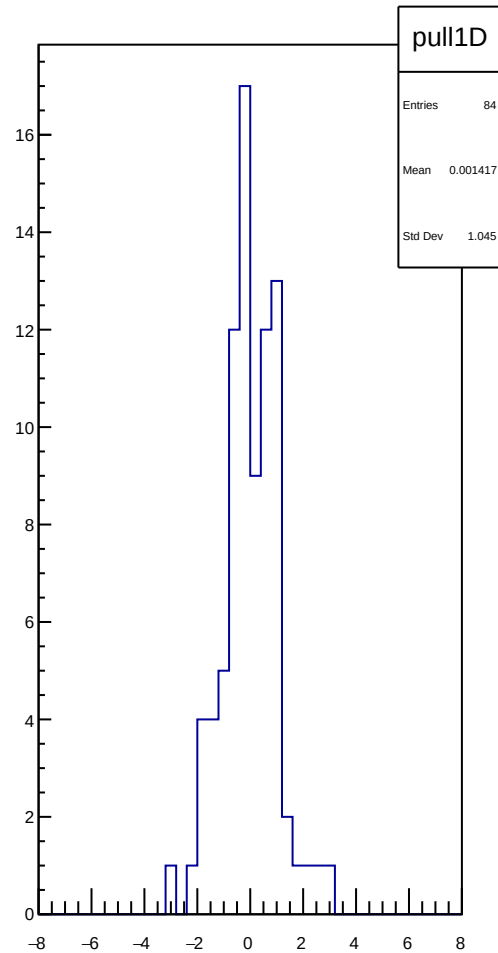
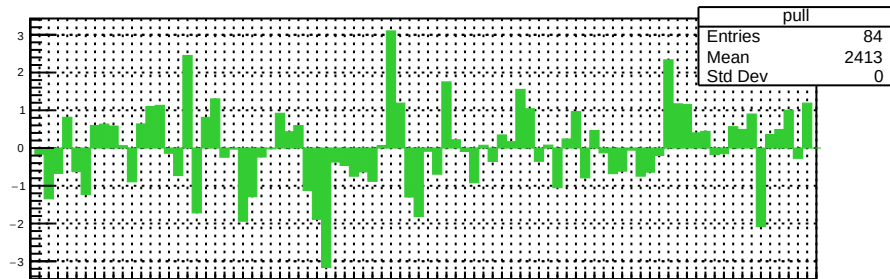
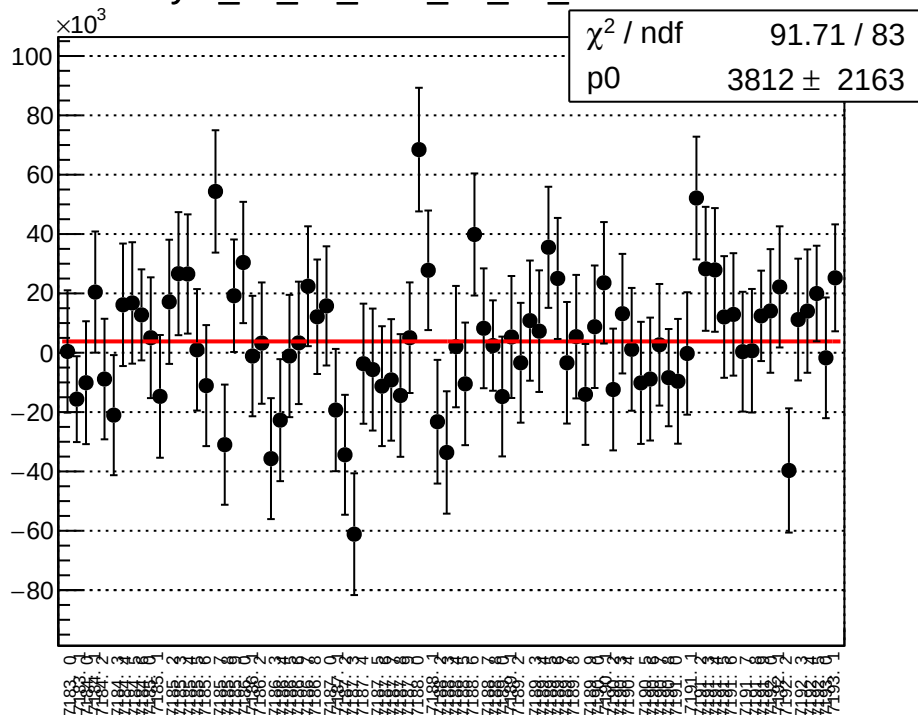
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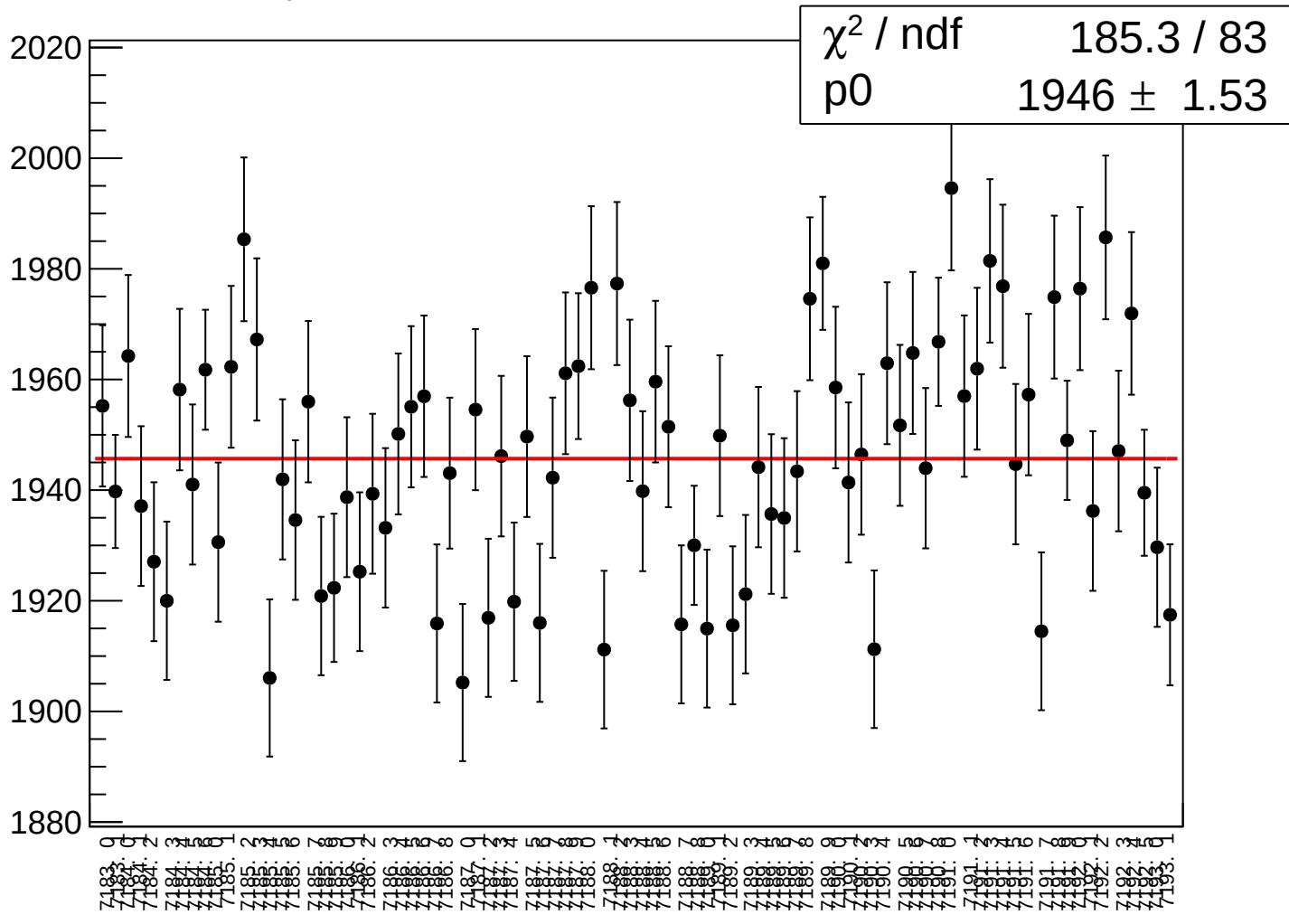
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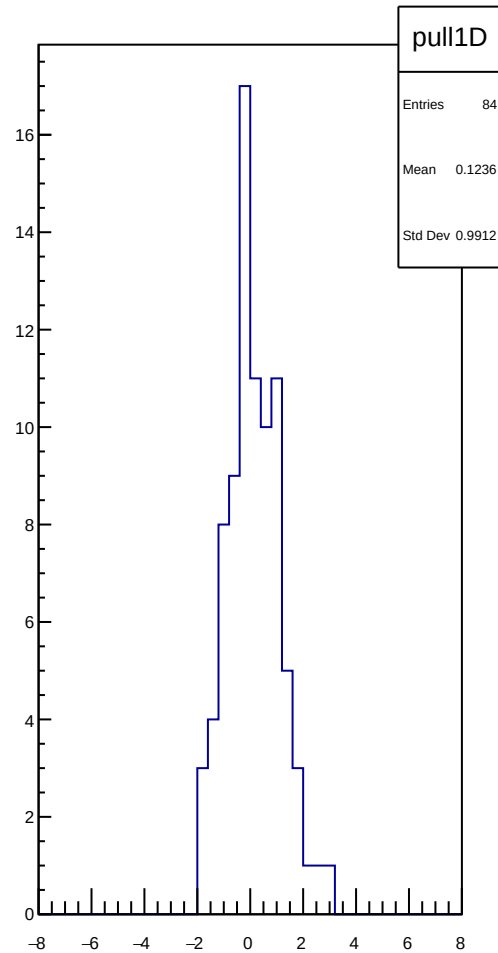
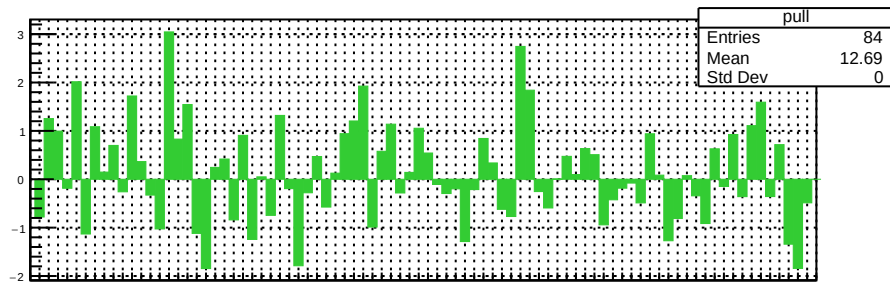
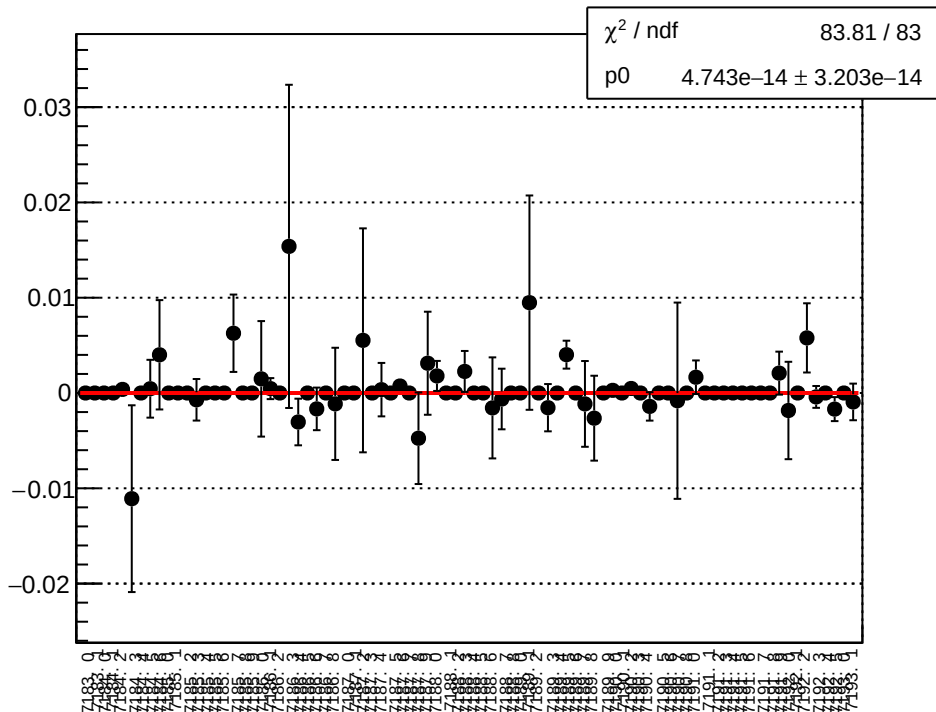
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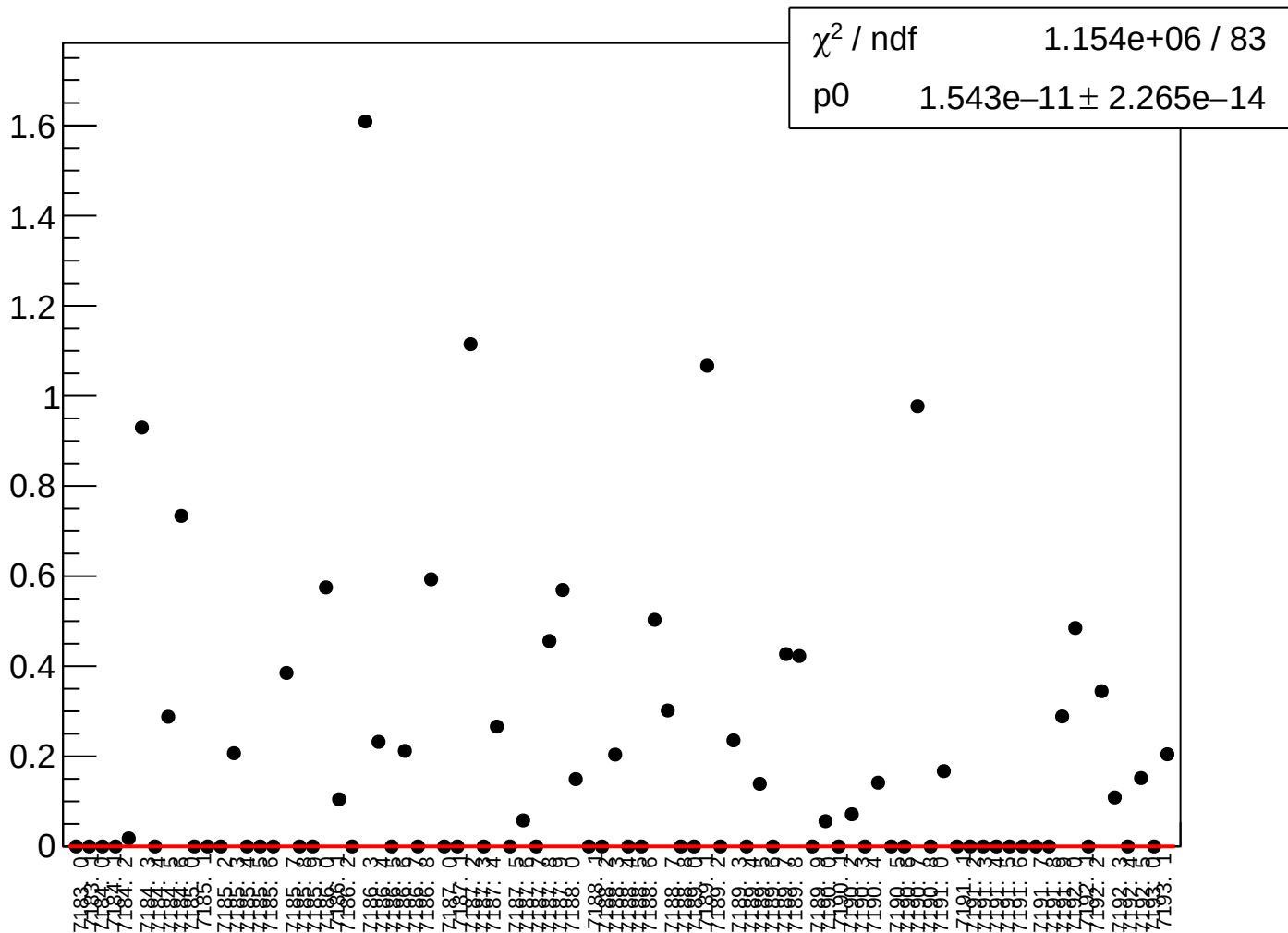
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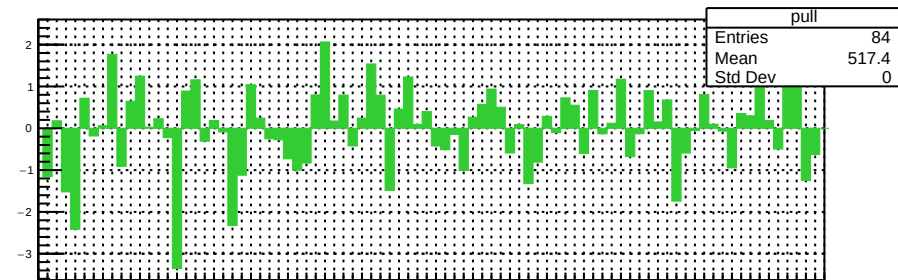
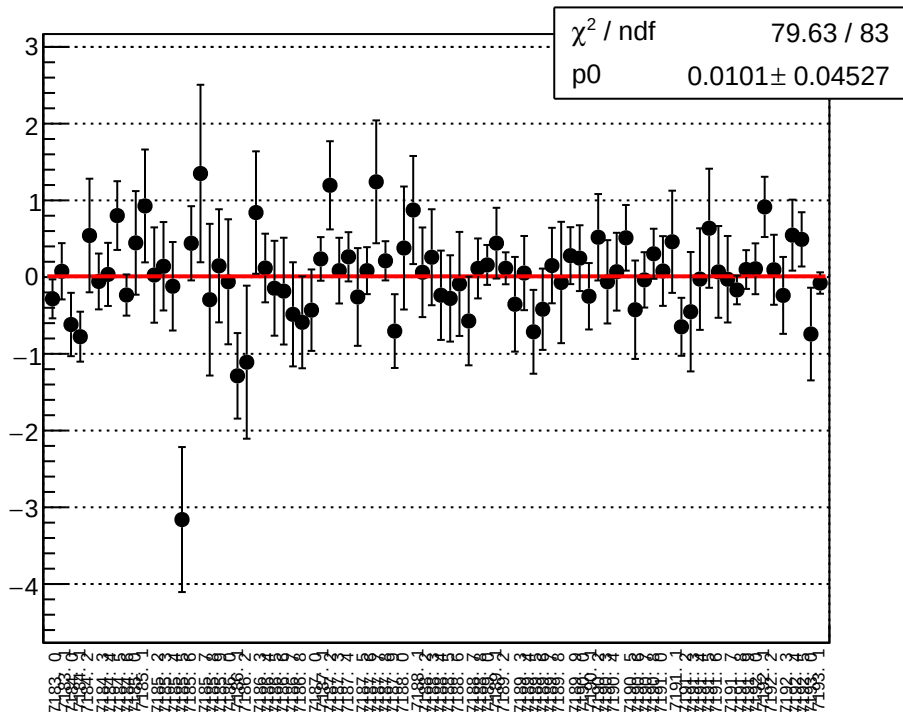
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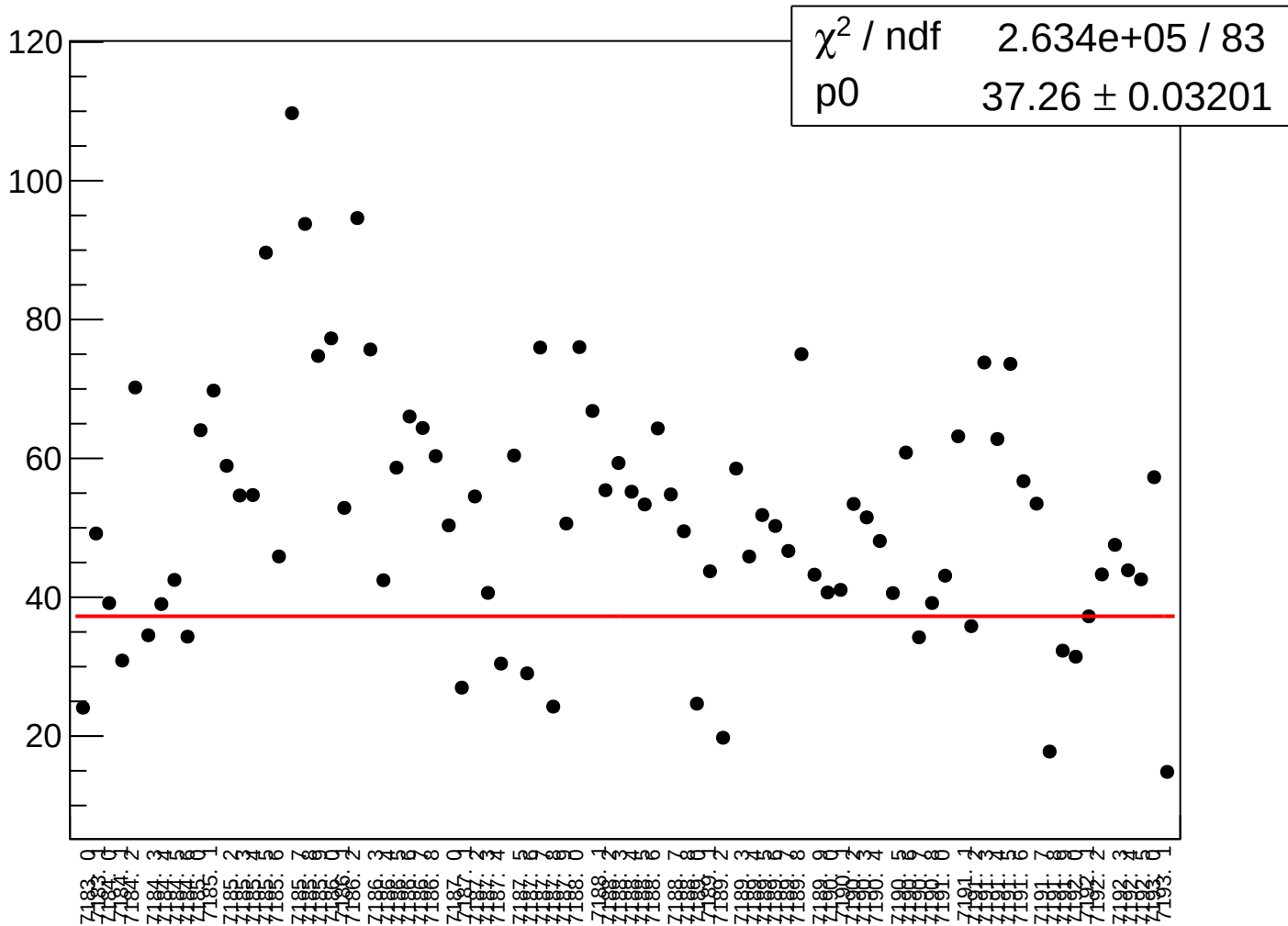
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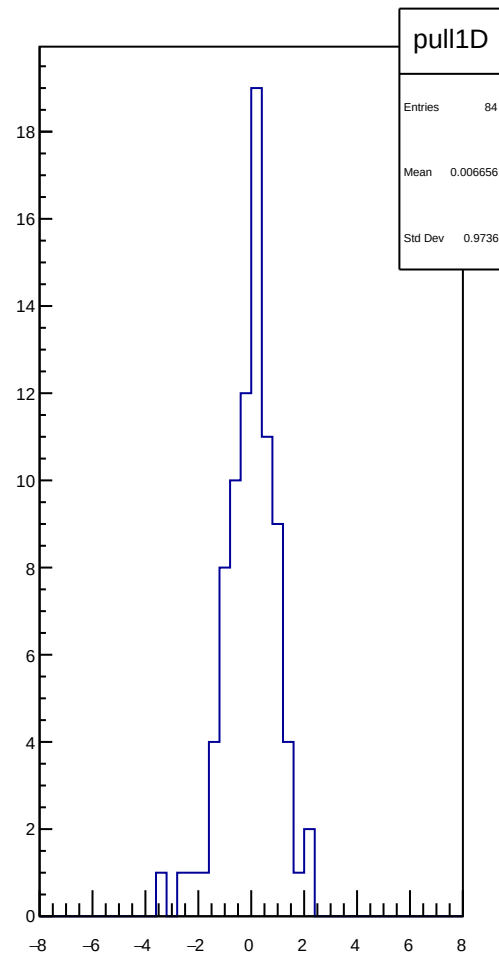
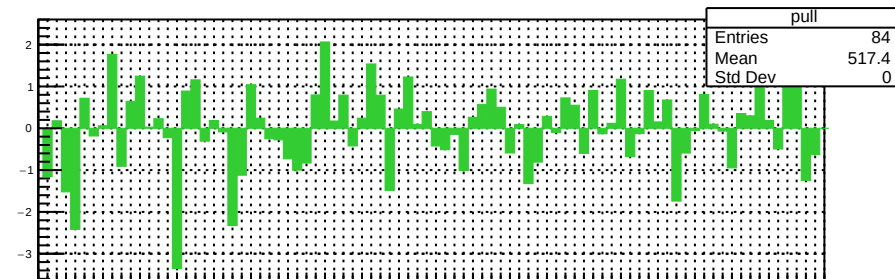
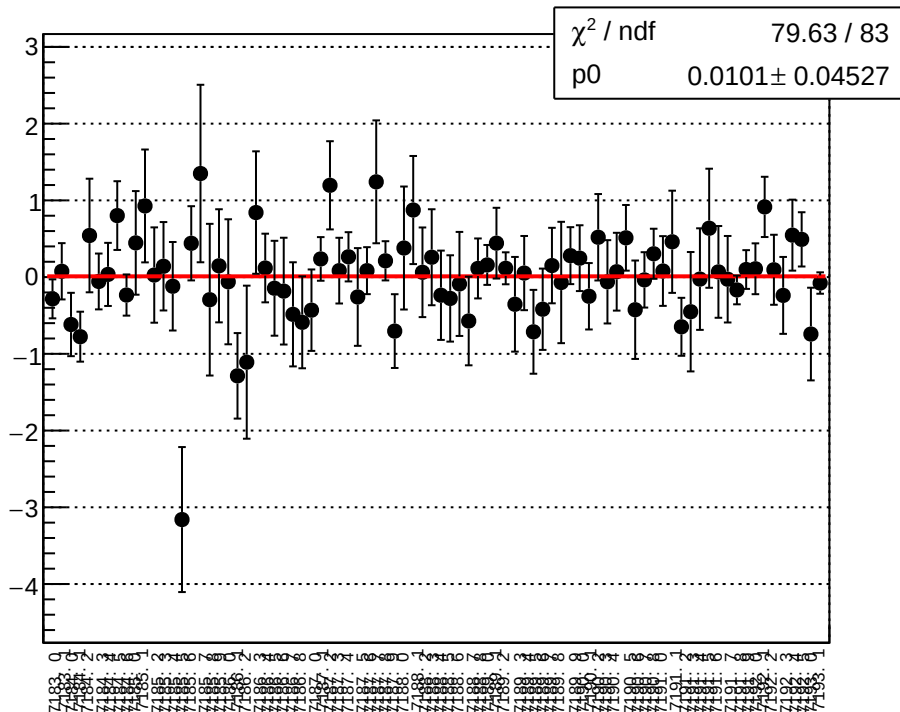
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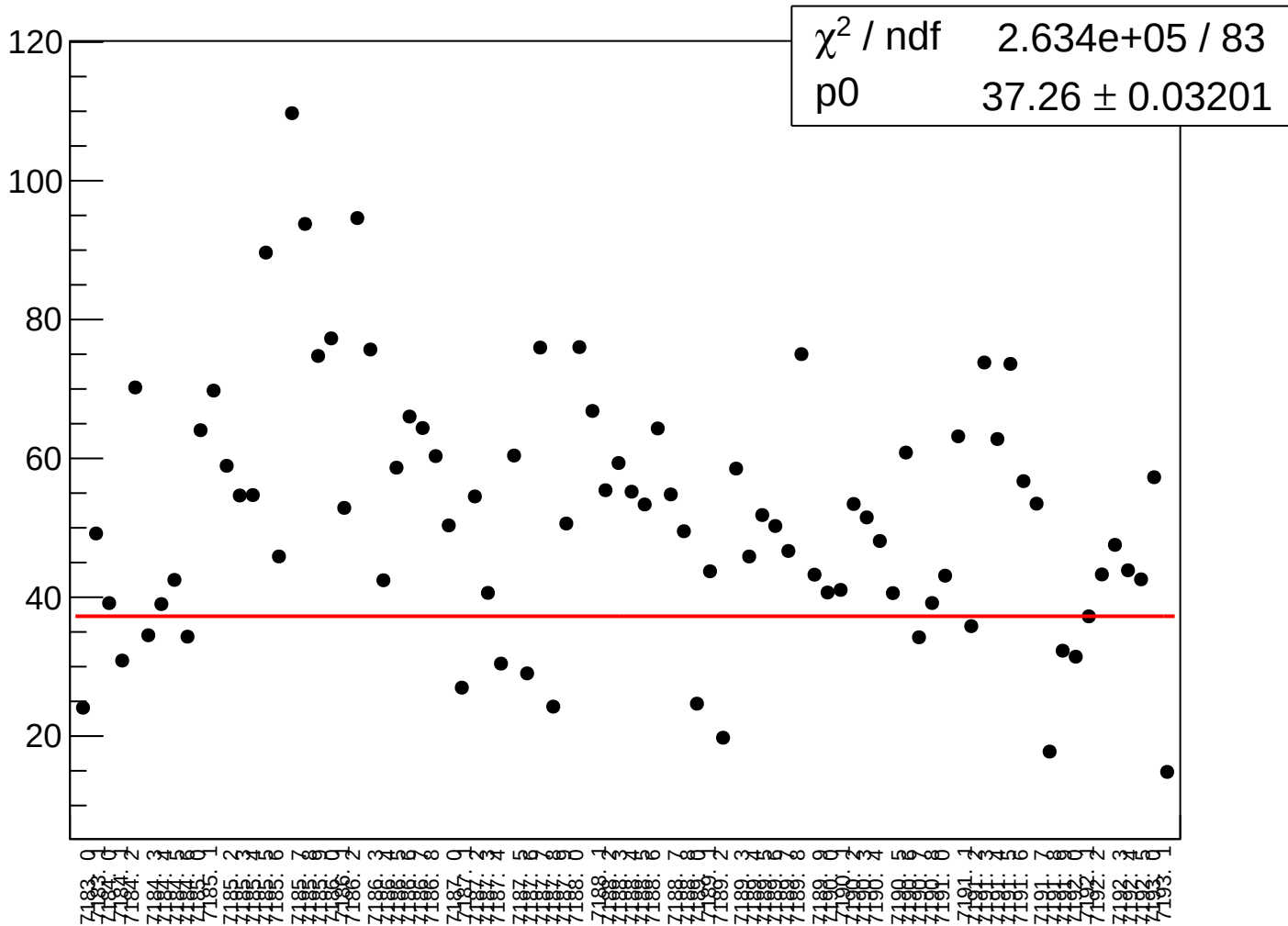
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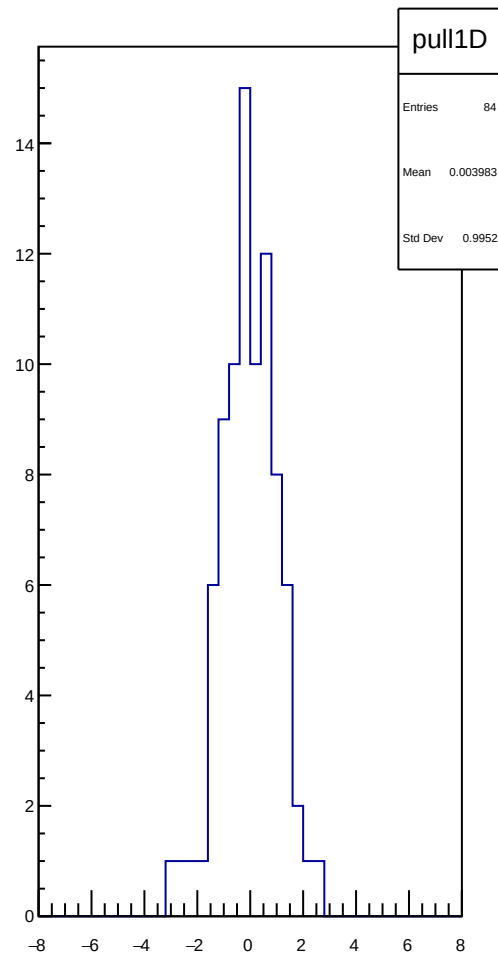
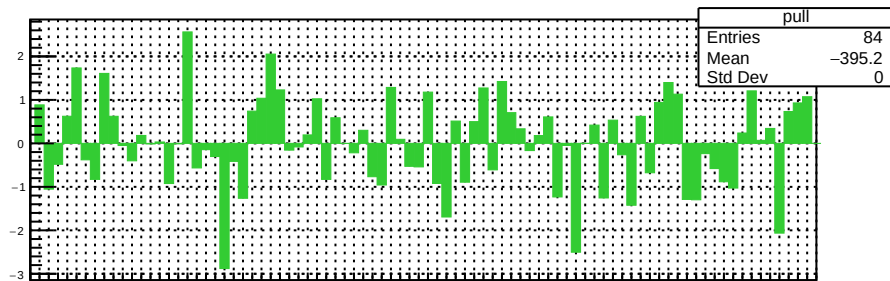
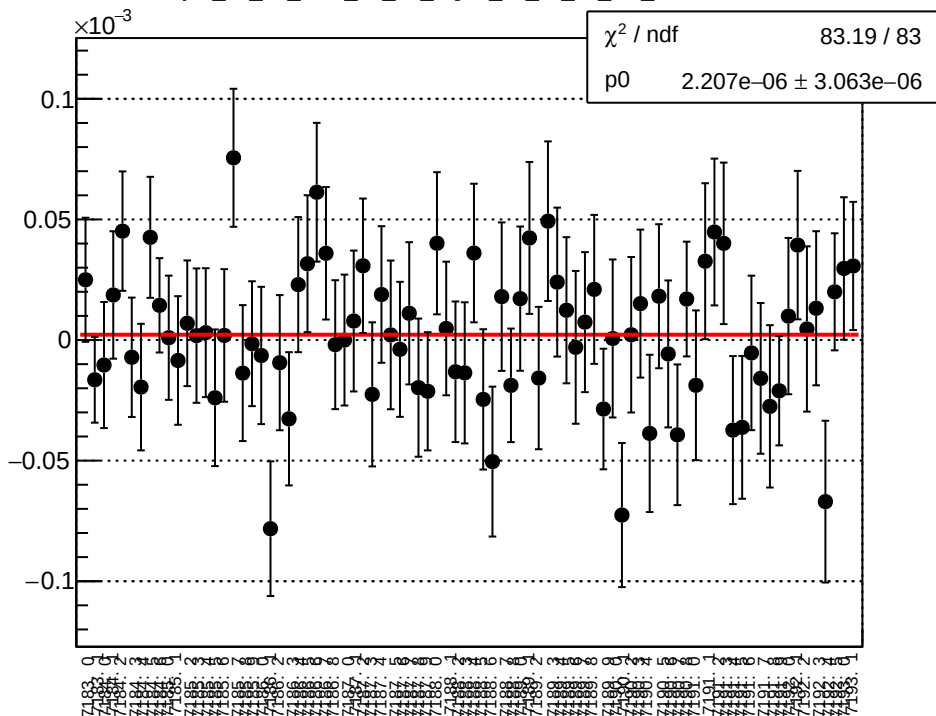
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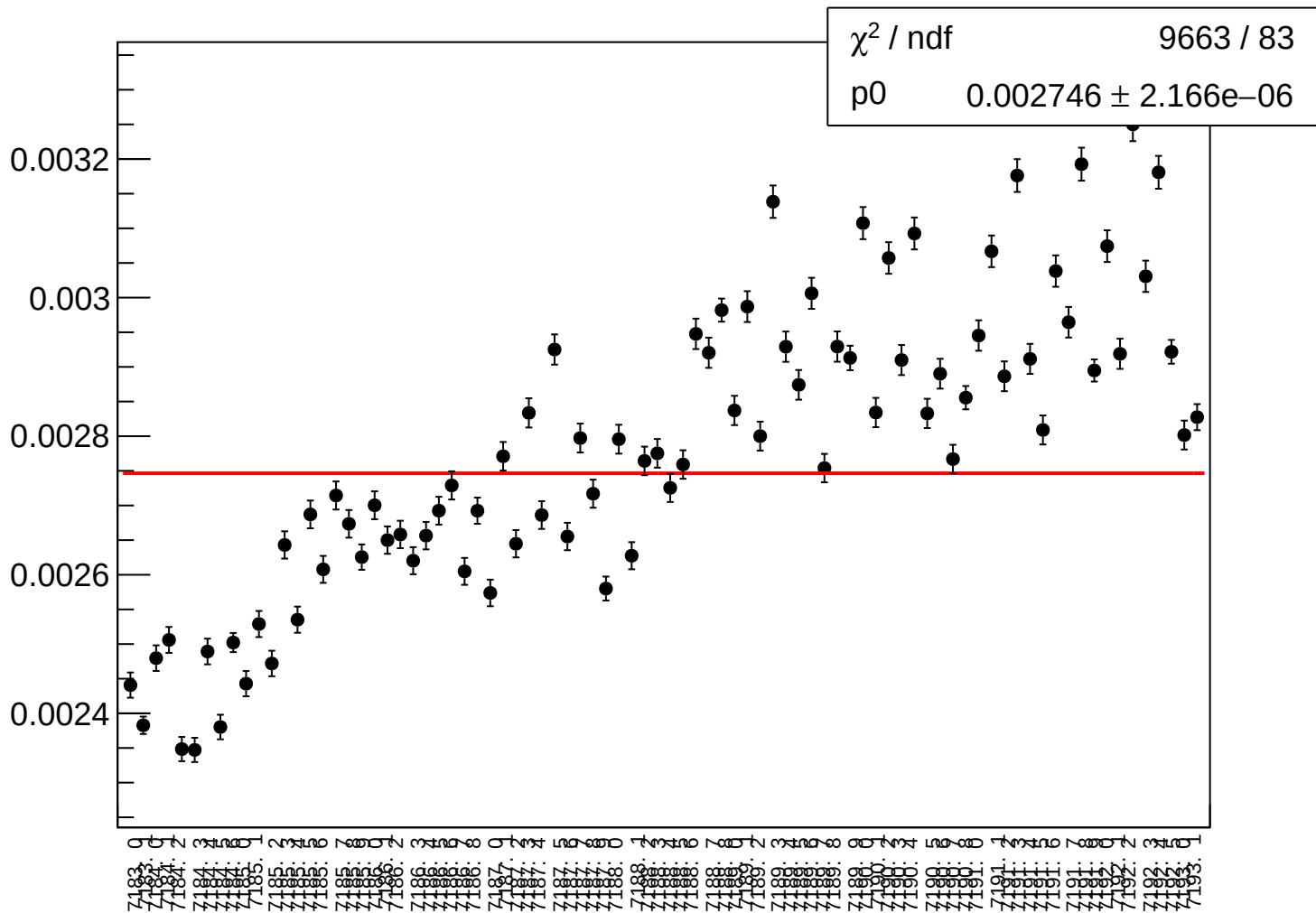
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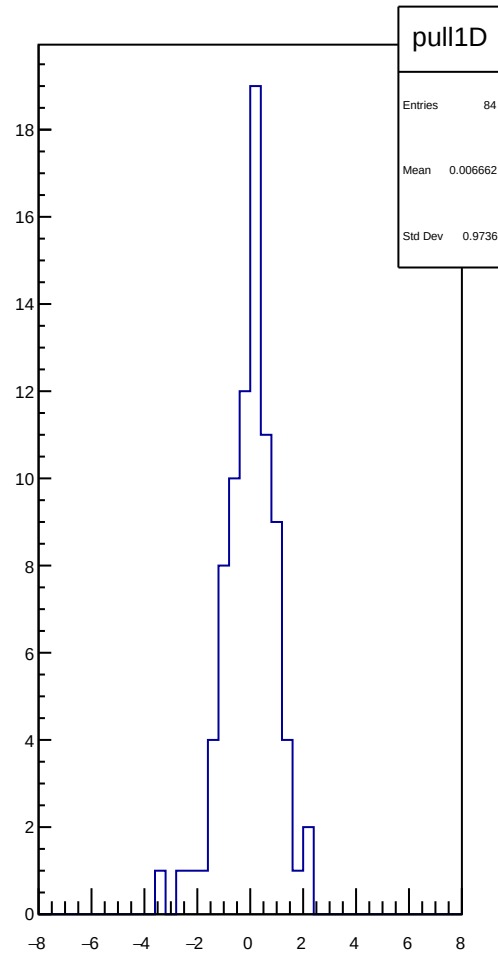
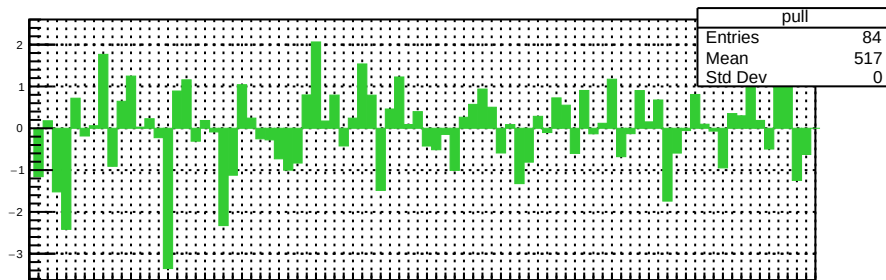
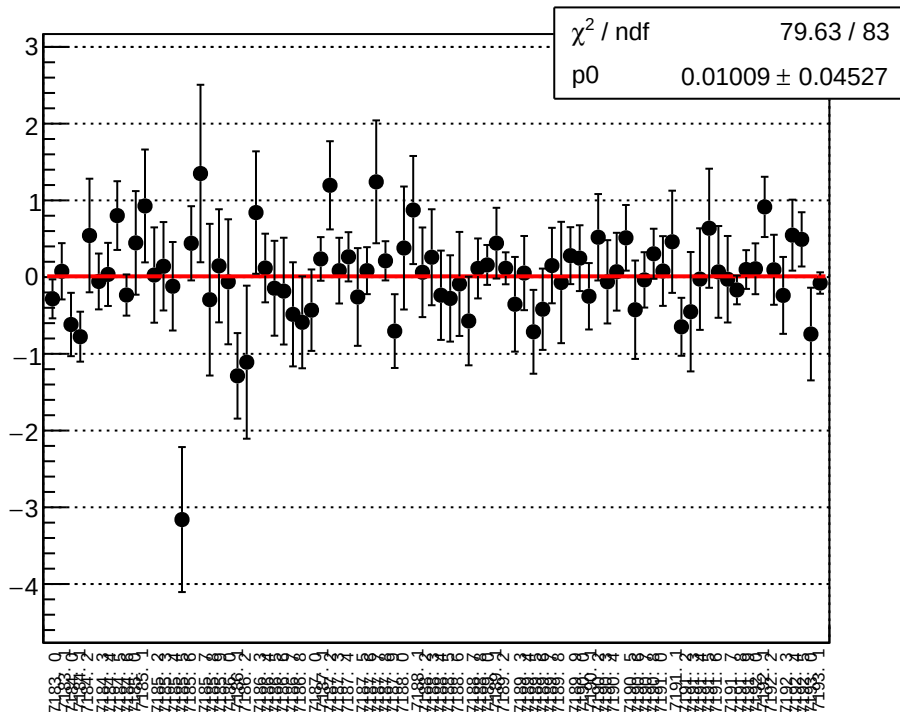
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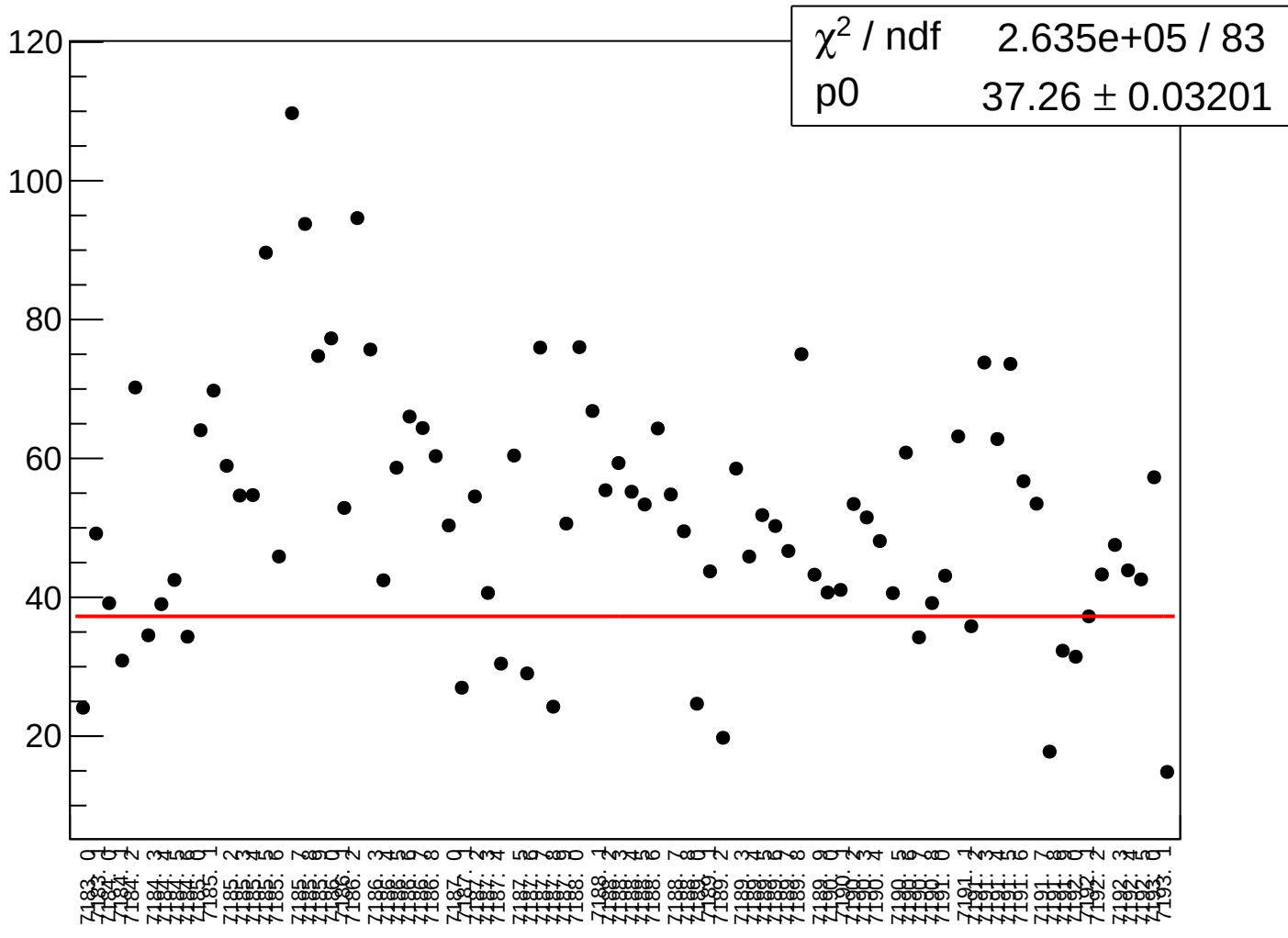
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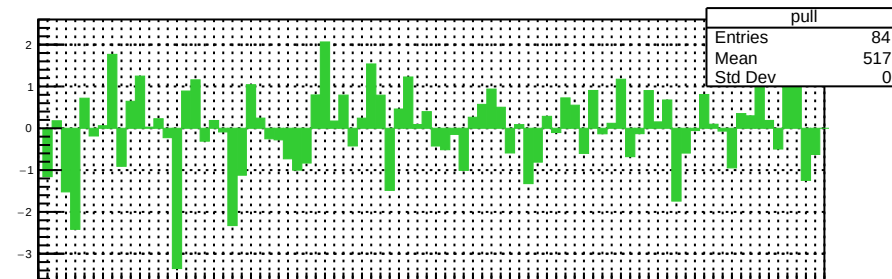
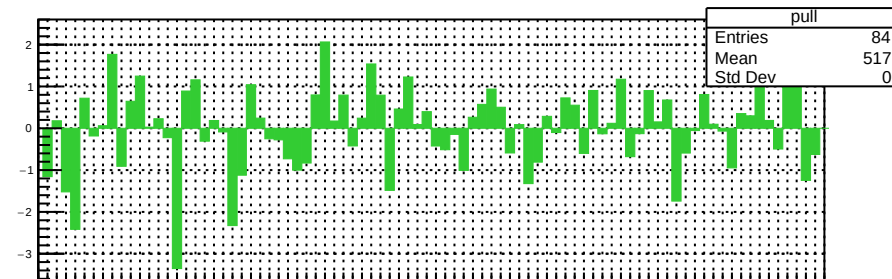
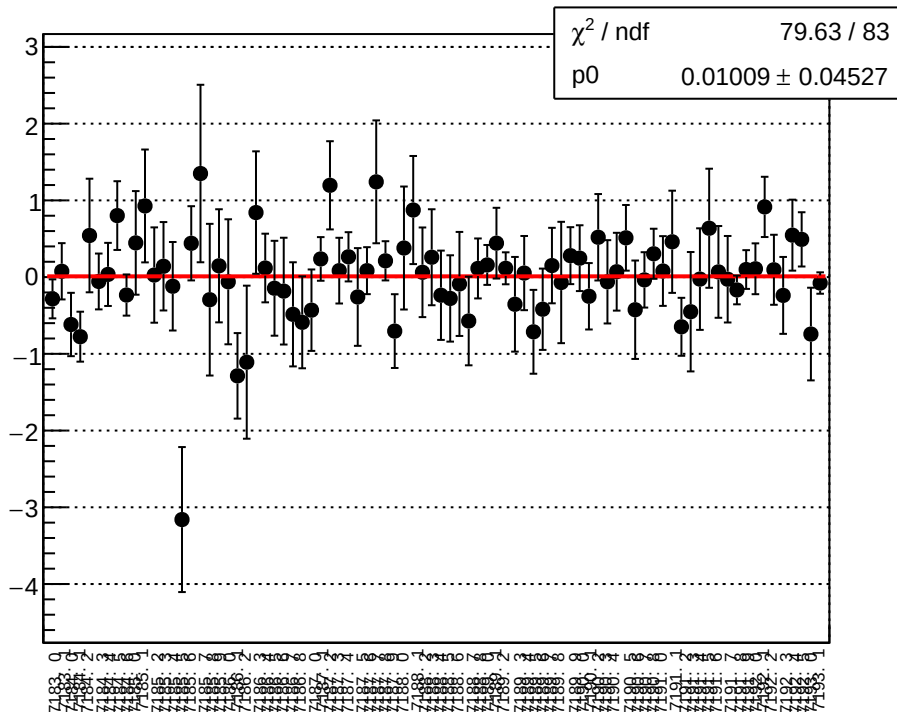
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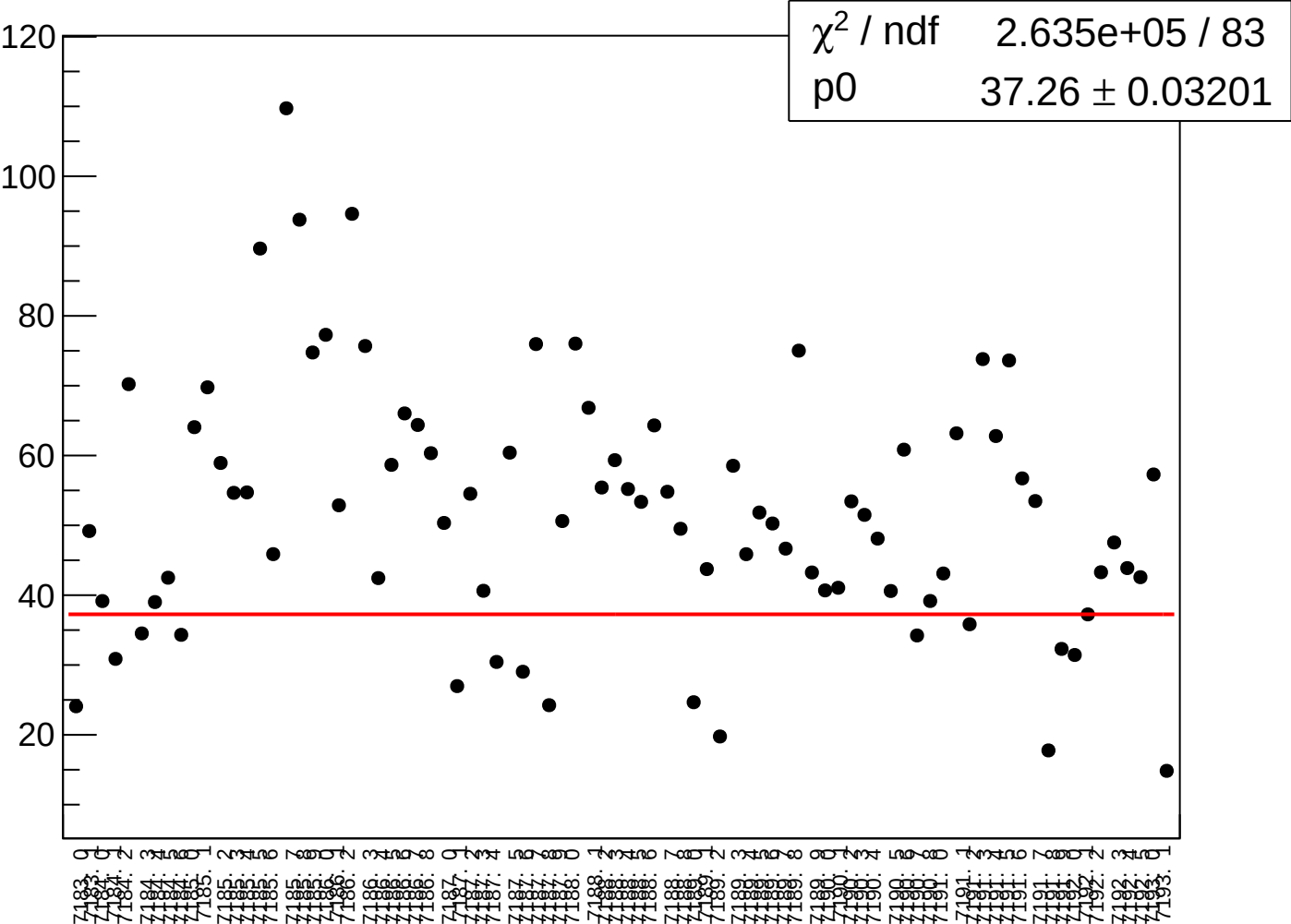
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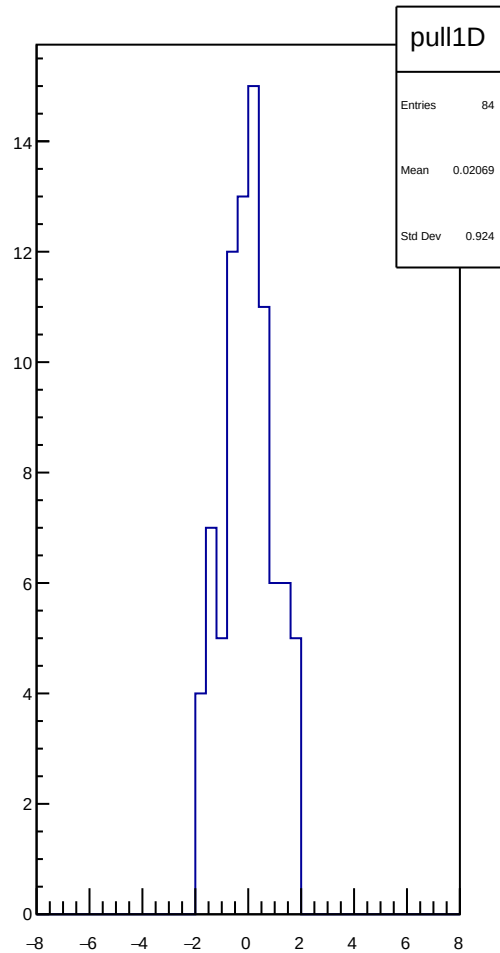
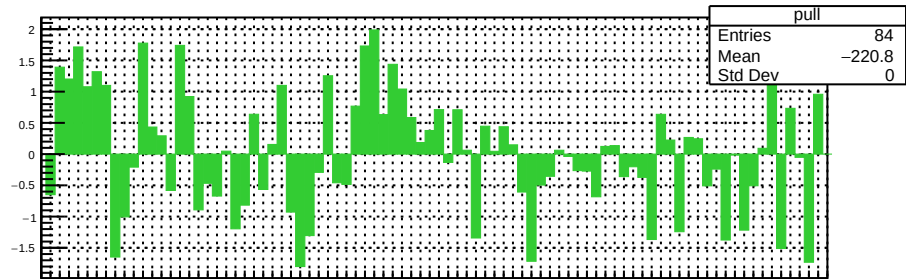
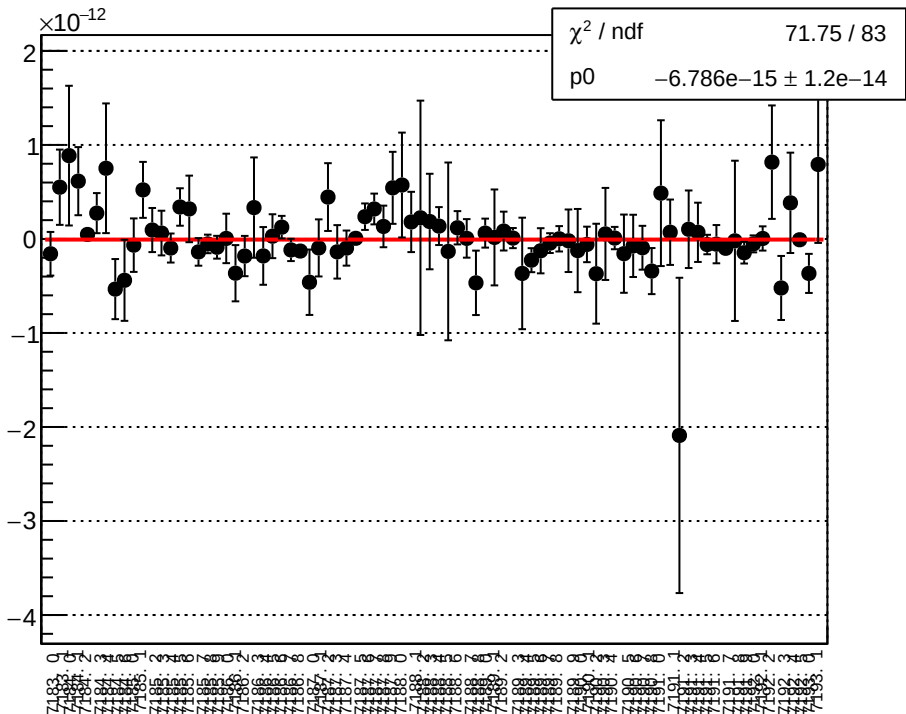
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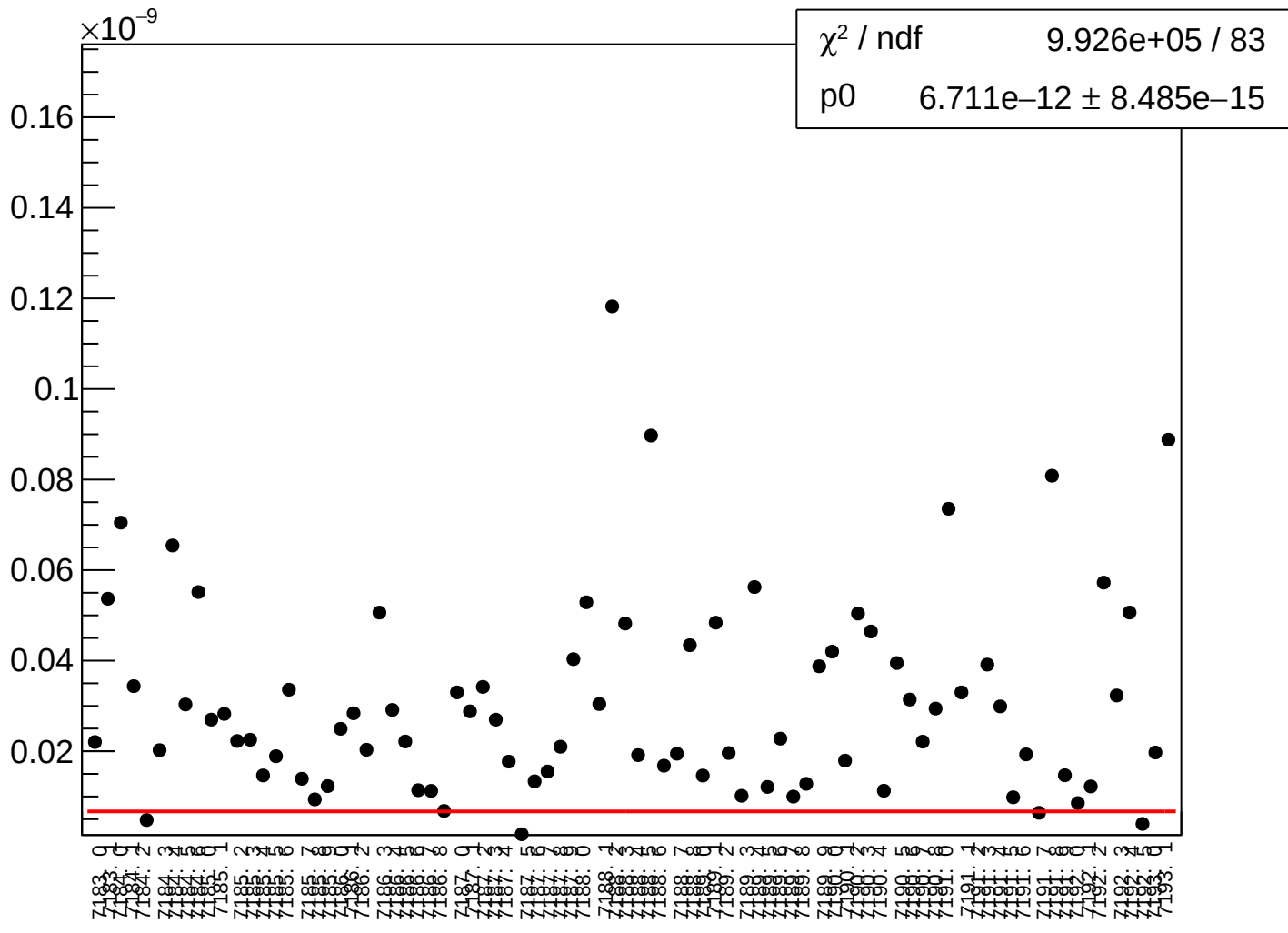
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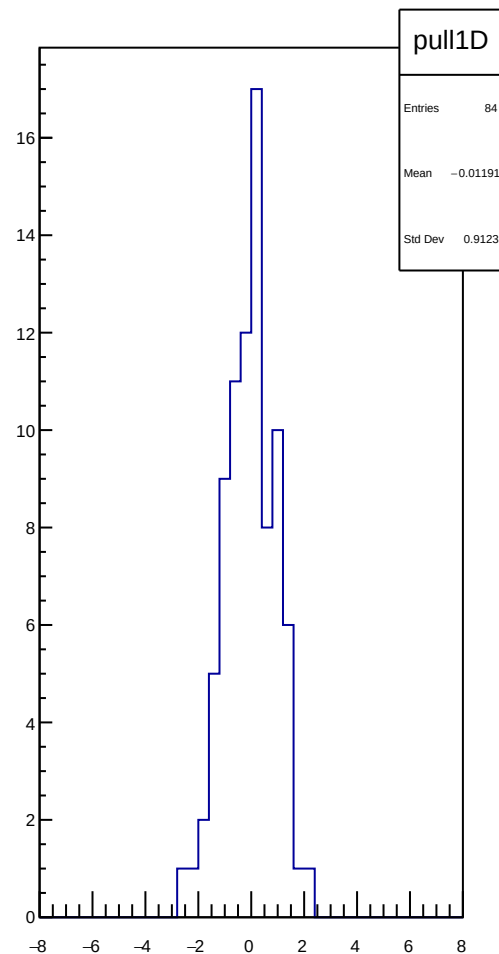
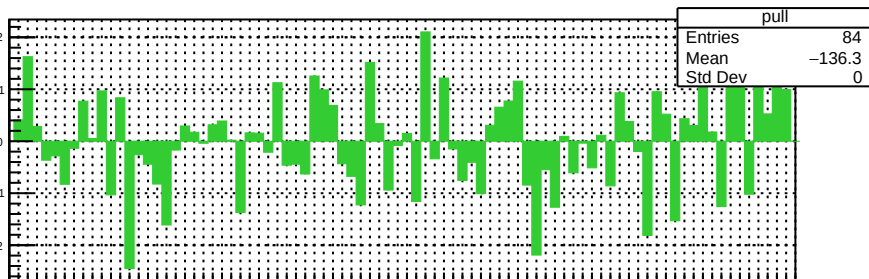
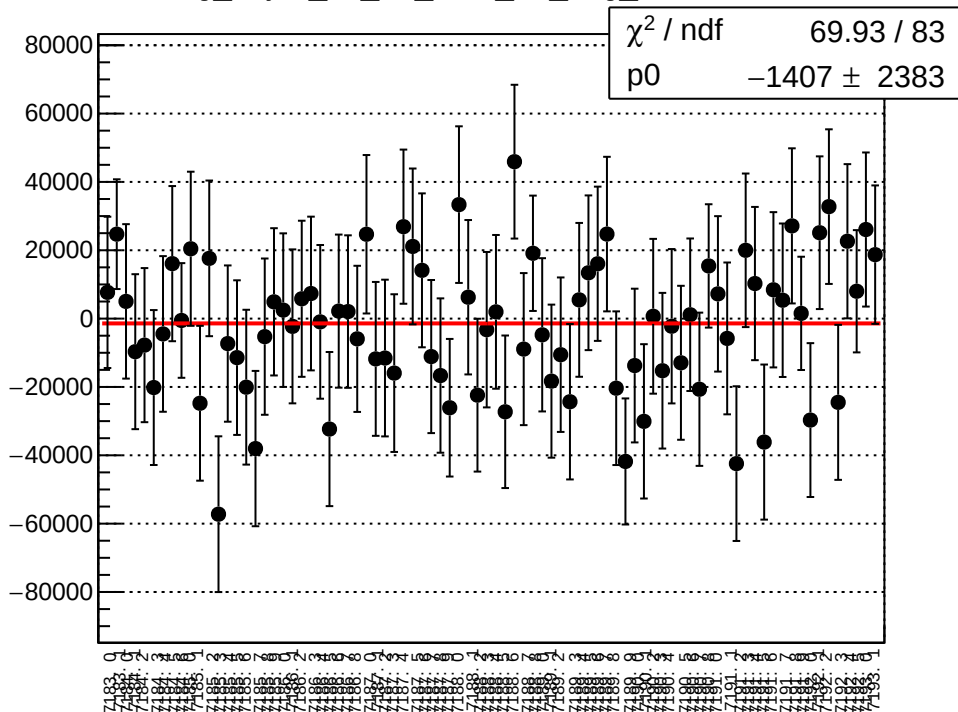
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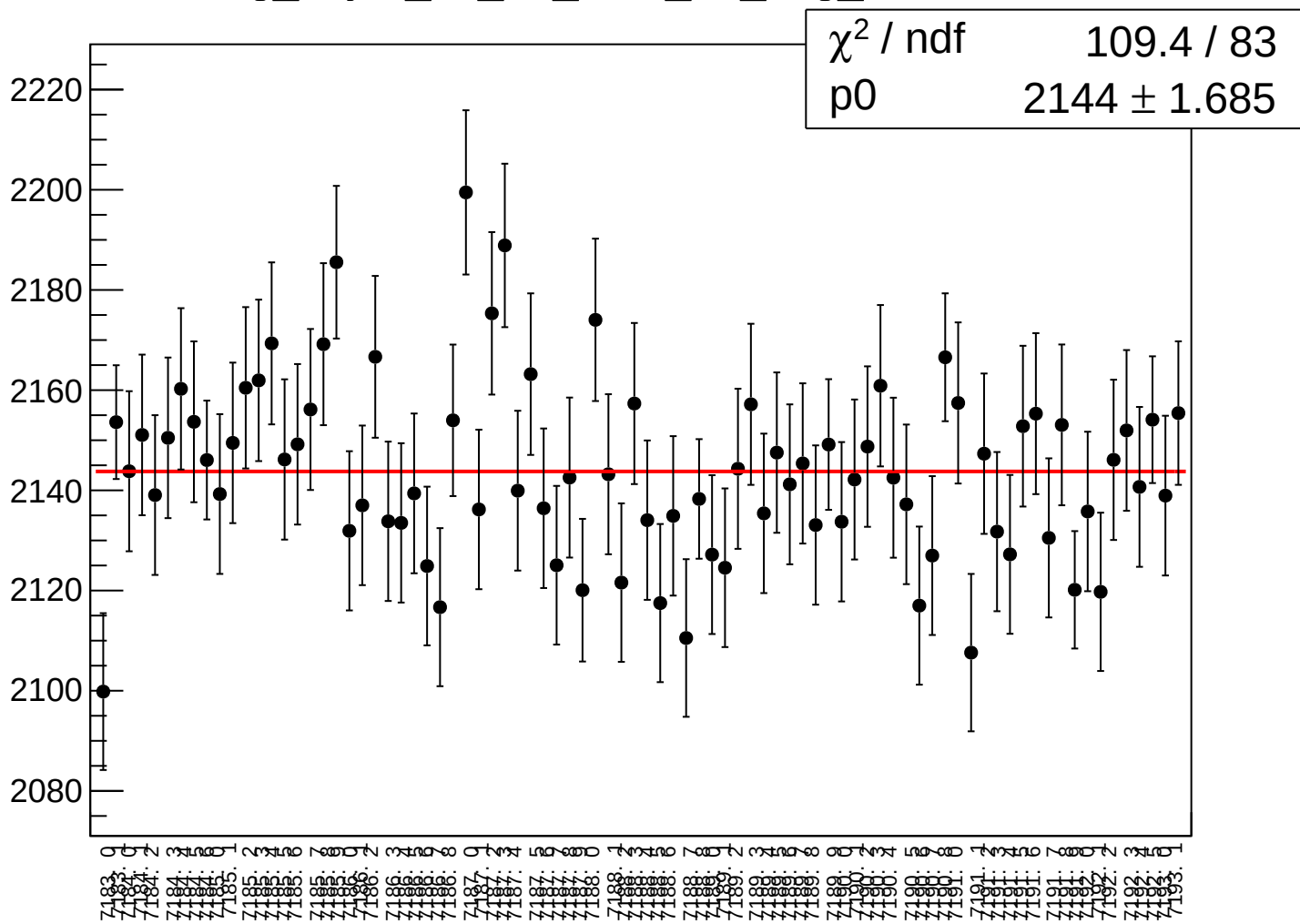
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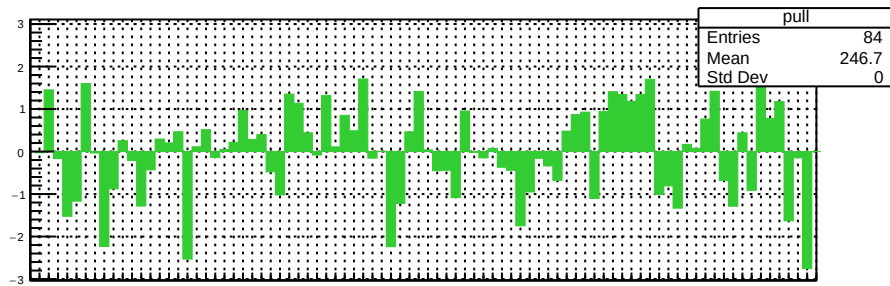
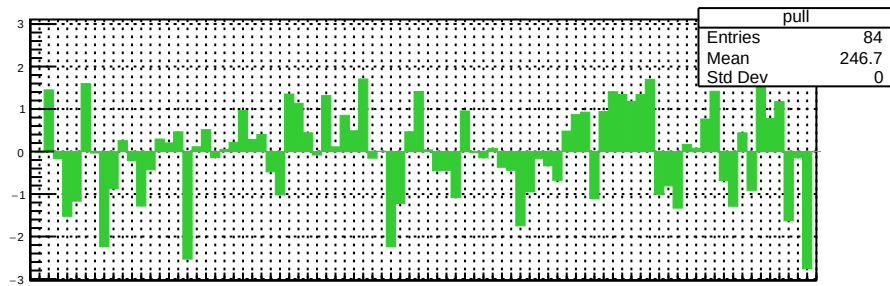
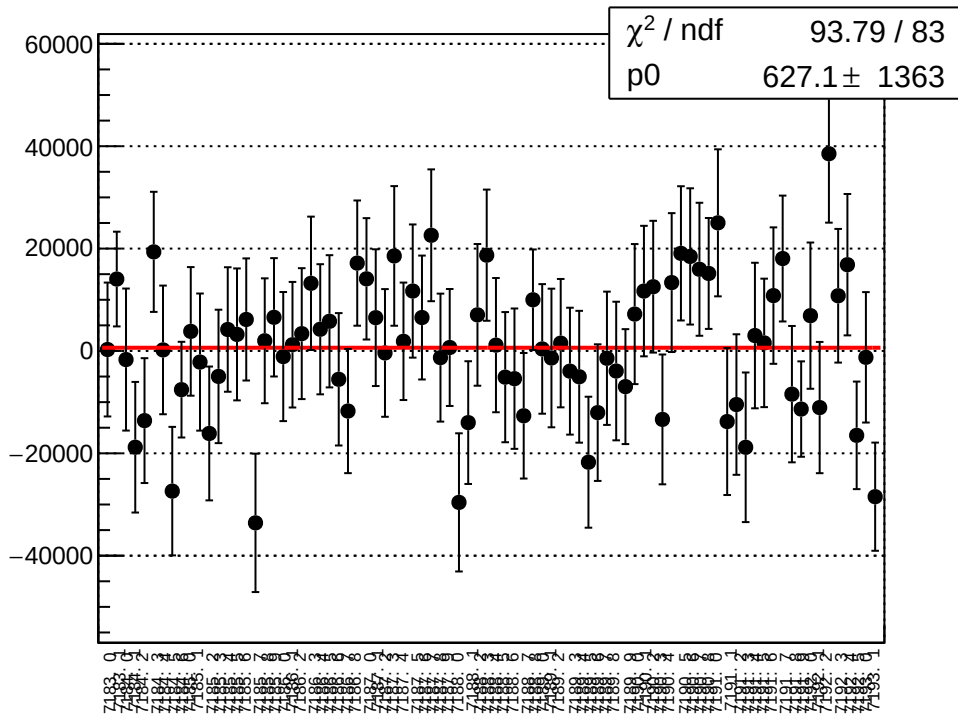
reg_asym_us_dd_at2lr_dd_avg_mean vs run



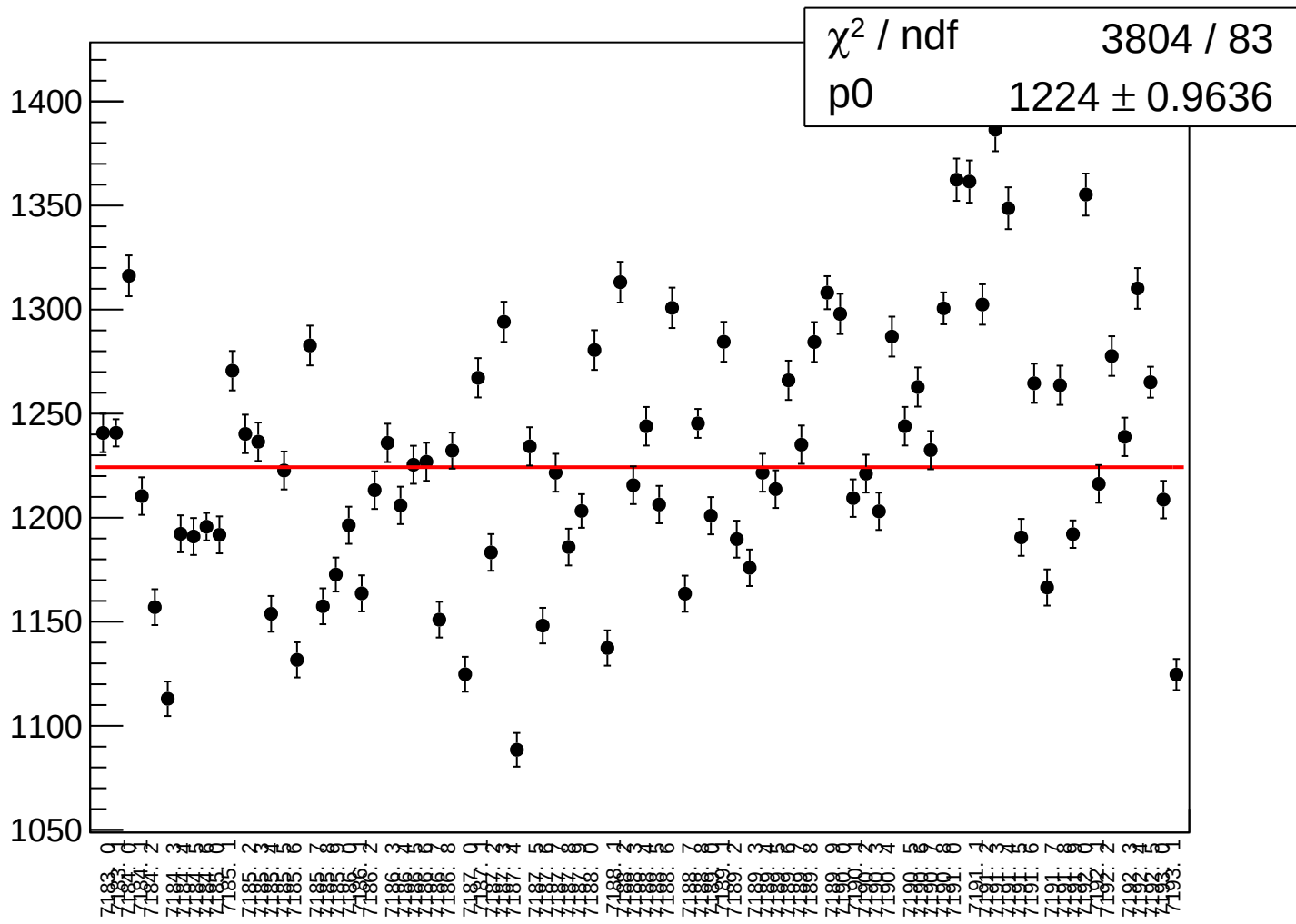
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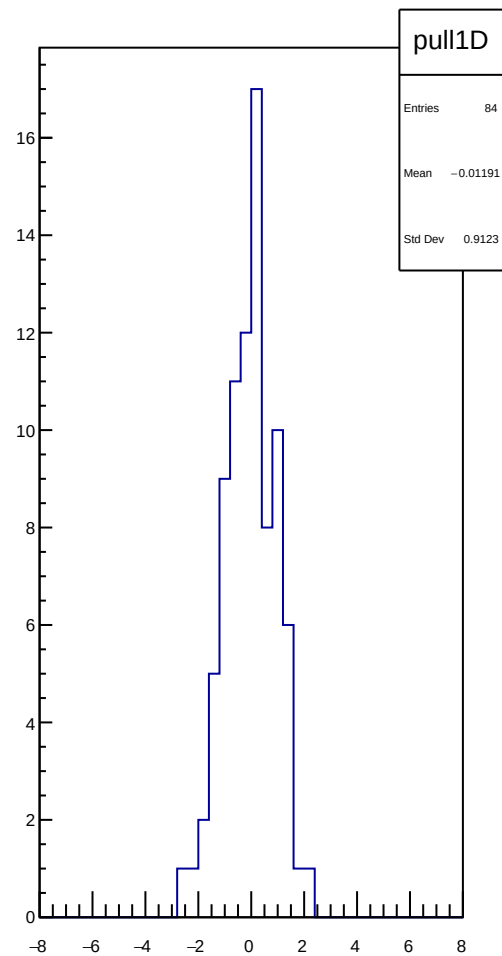
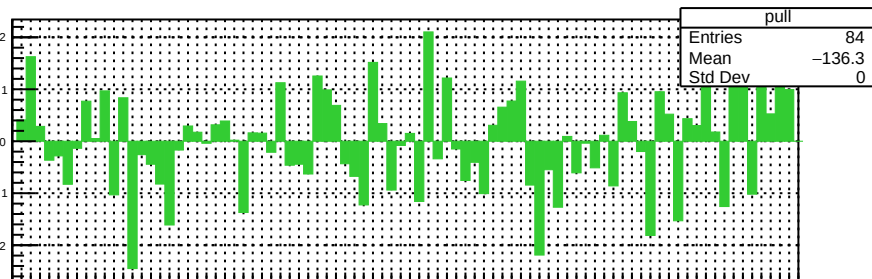
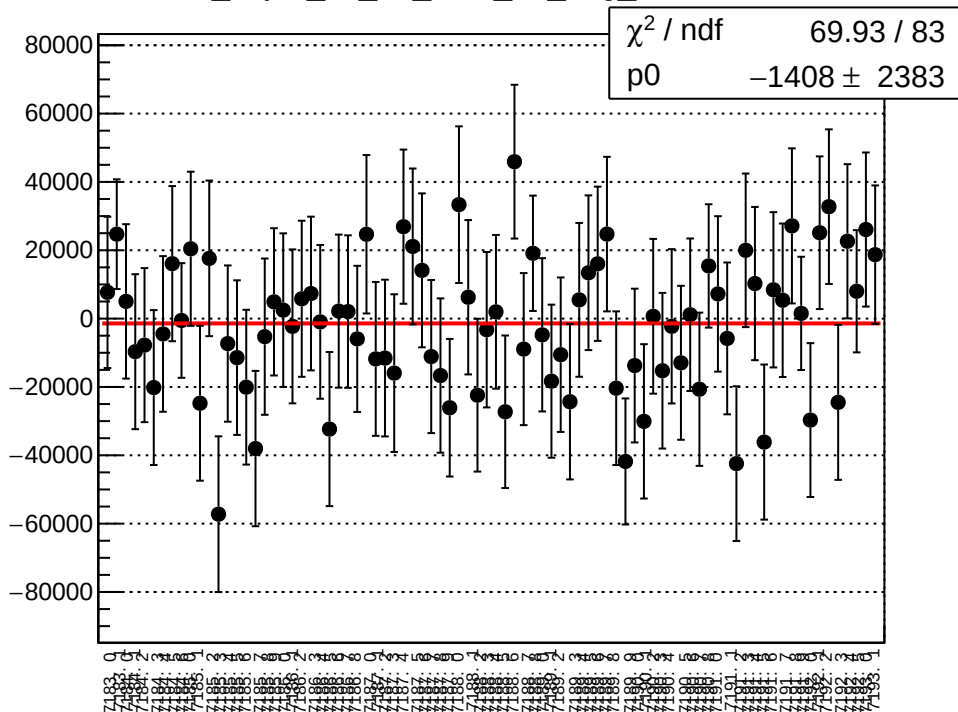
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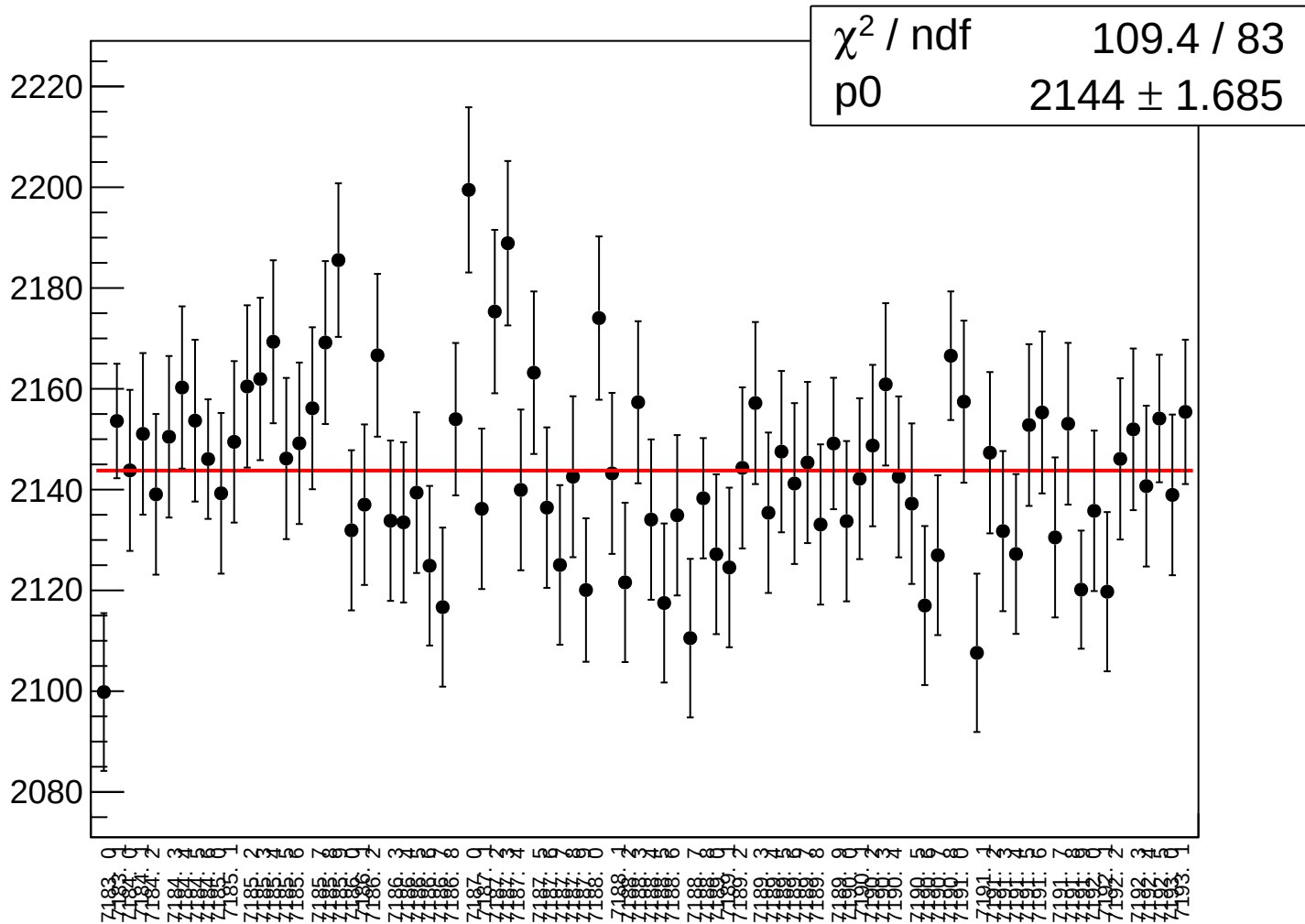
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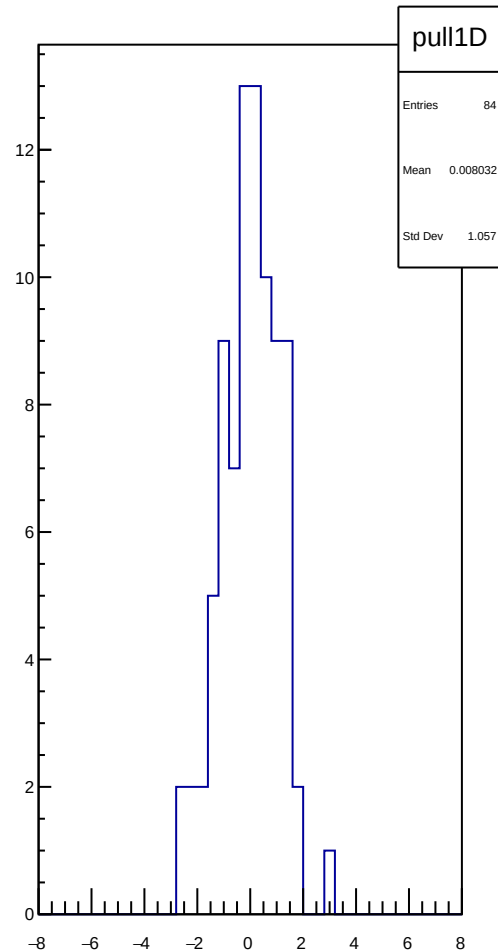
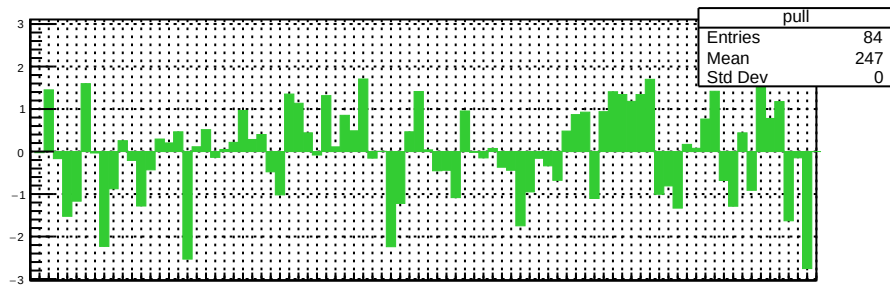
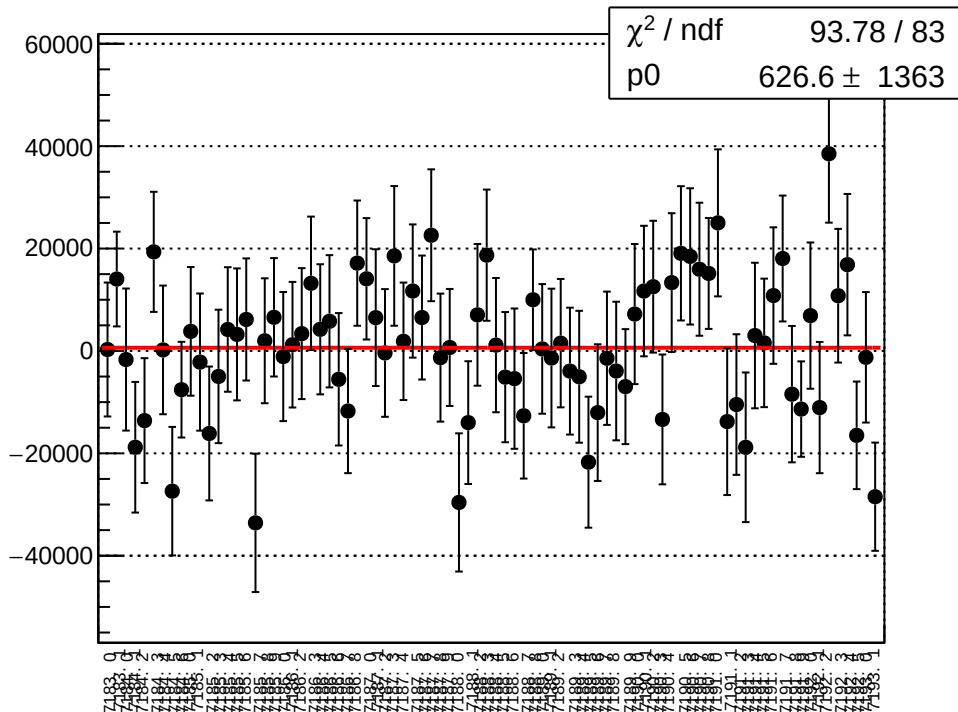
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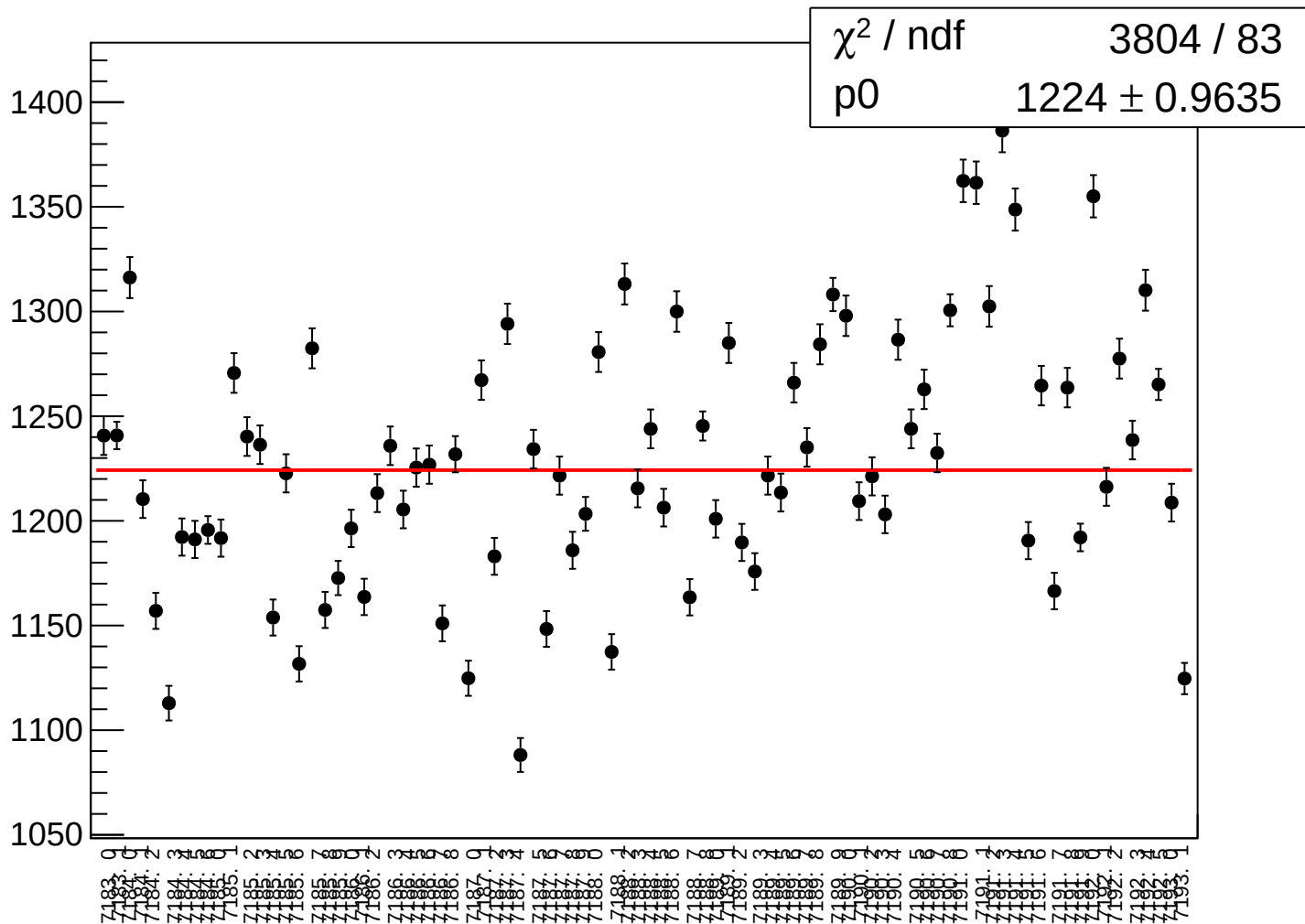
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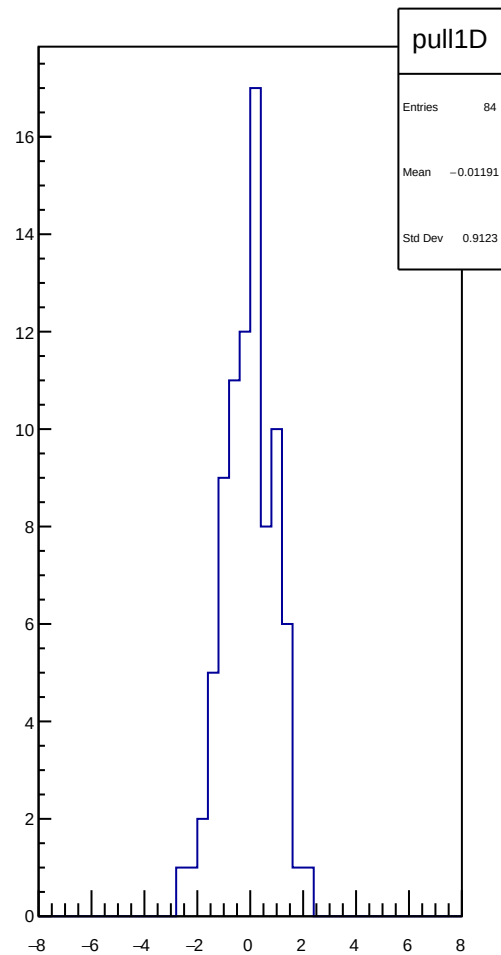
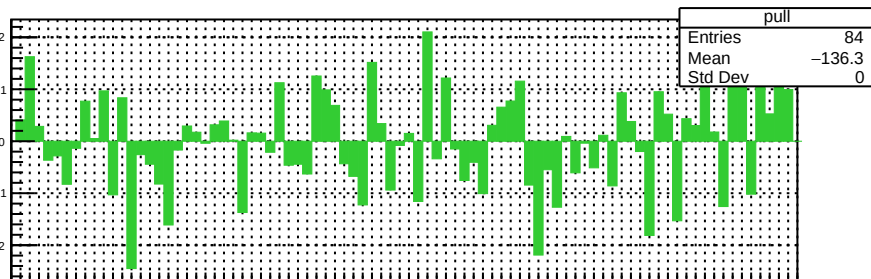
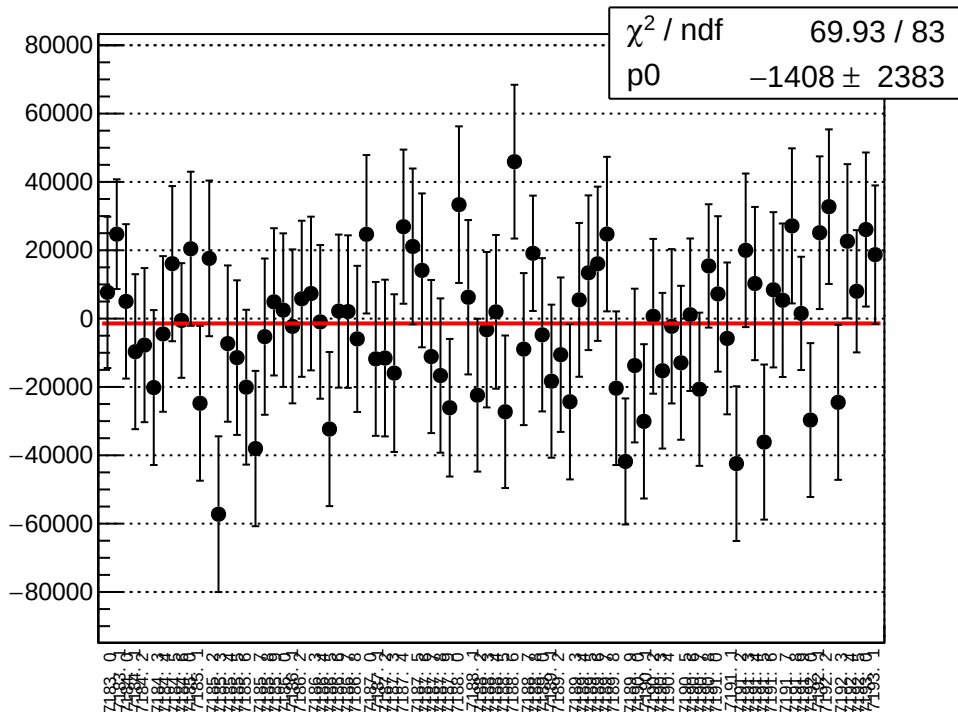
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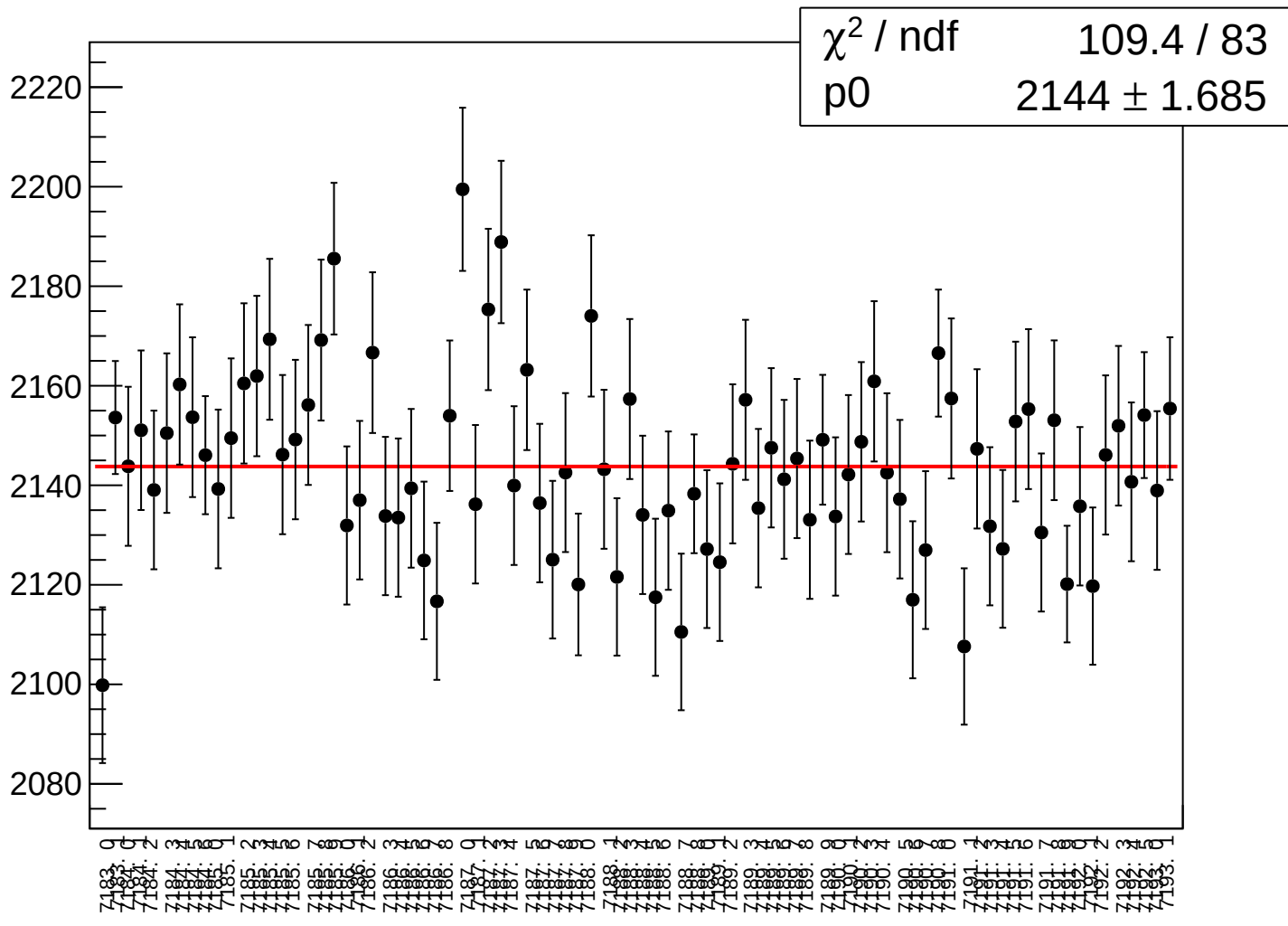
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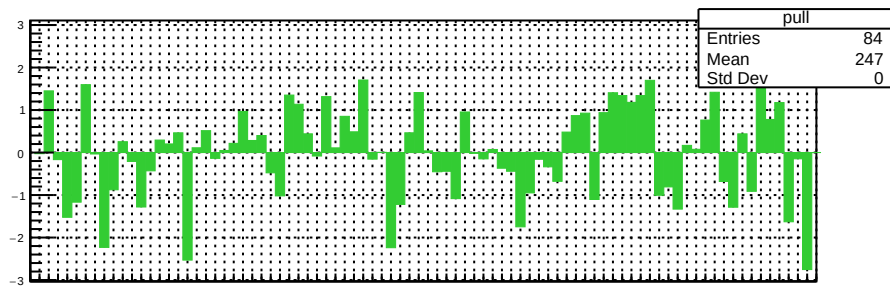
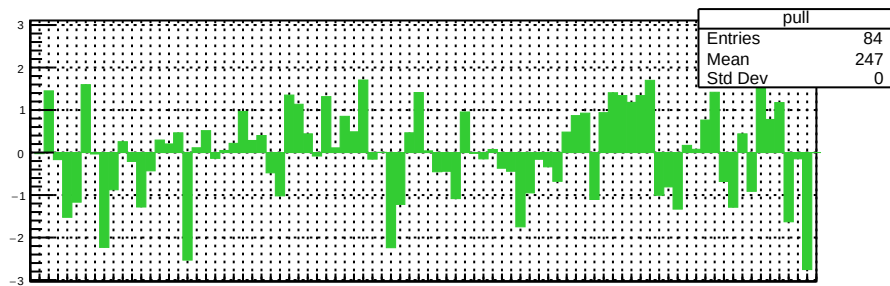
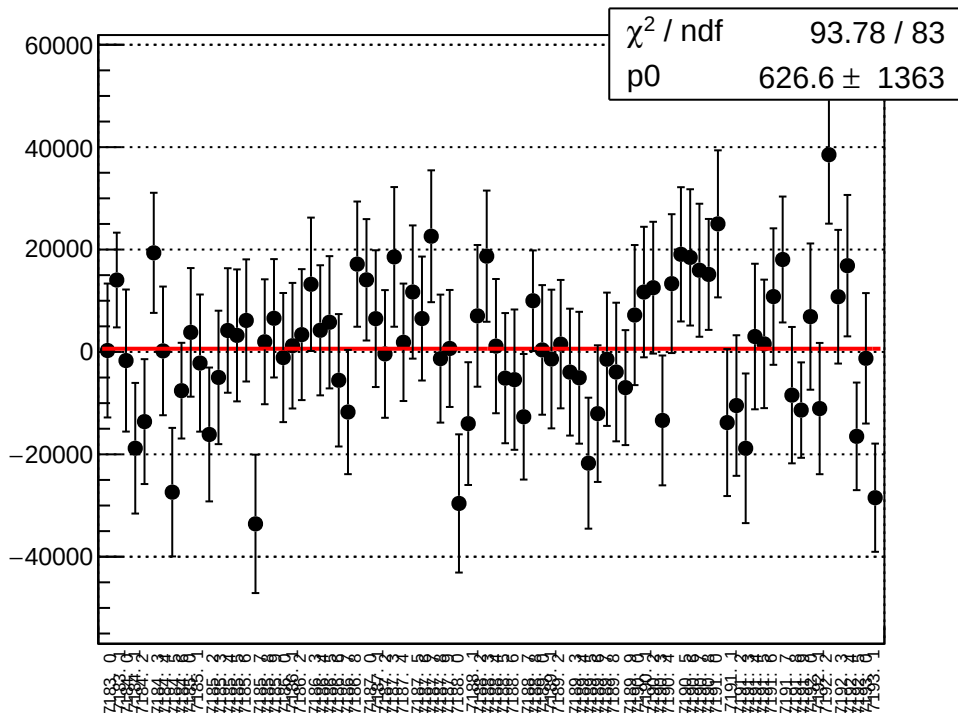
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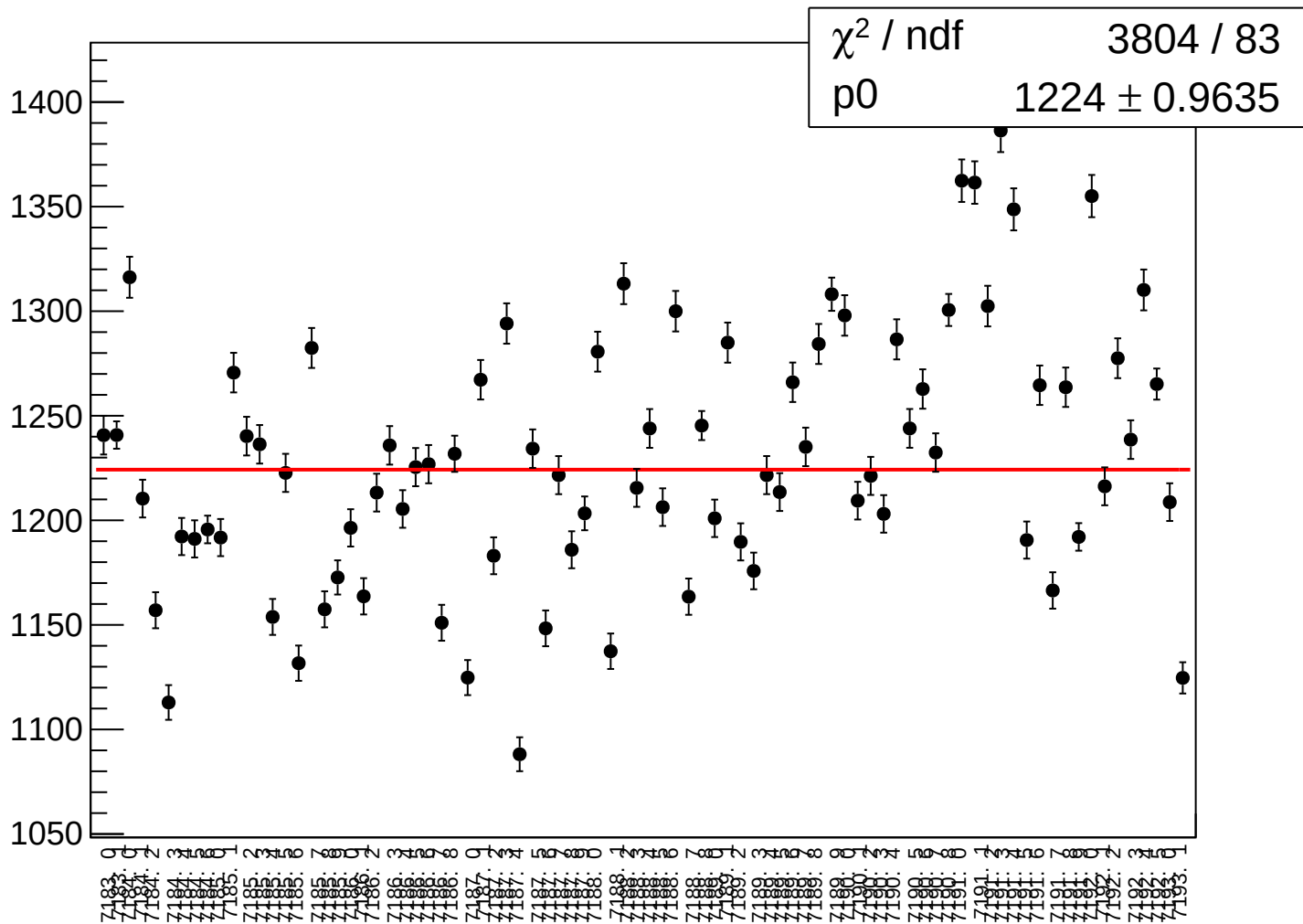
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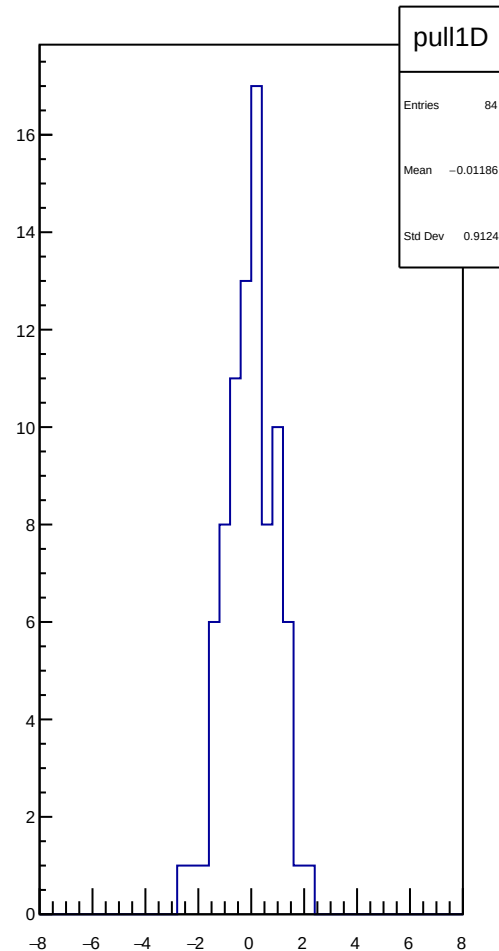
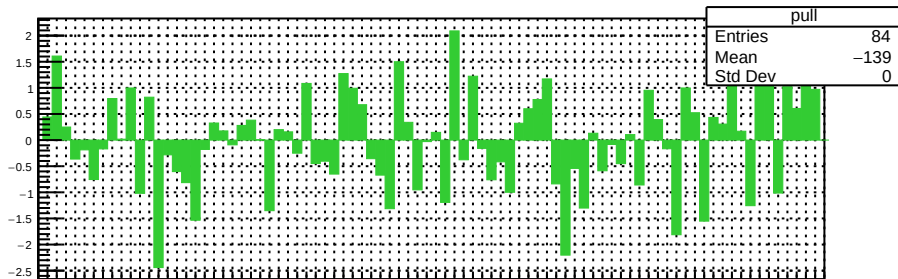
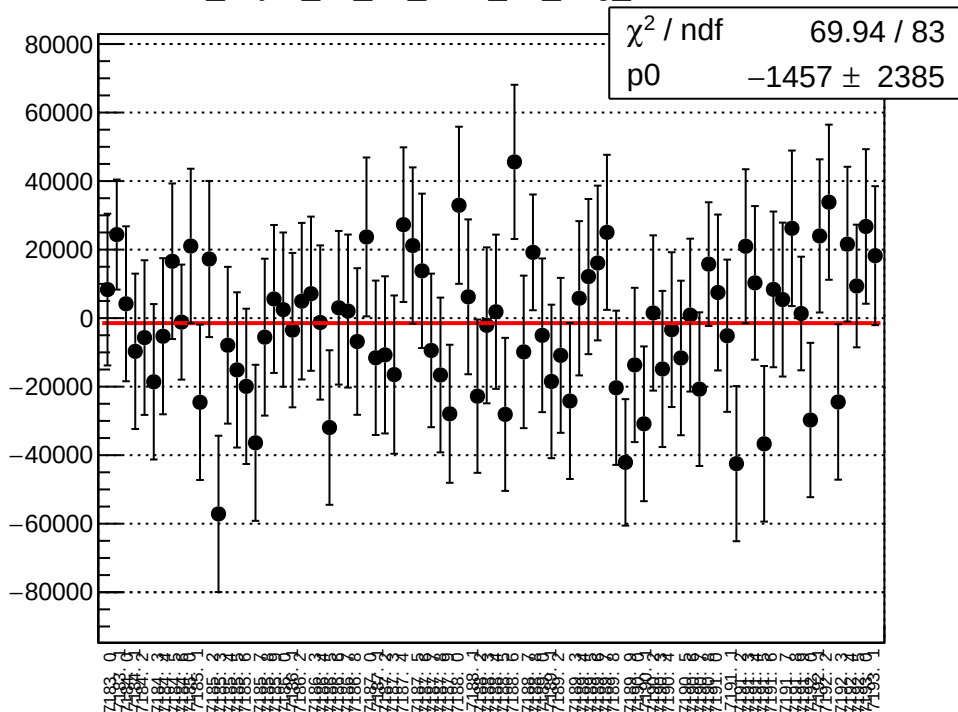
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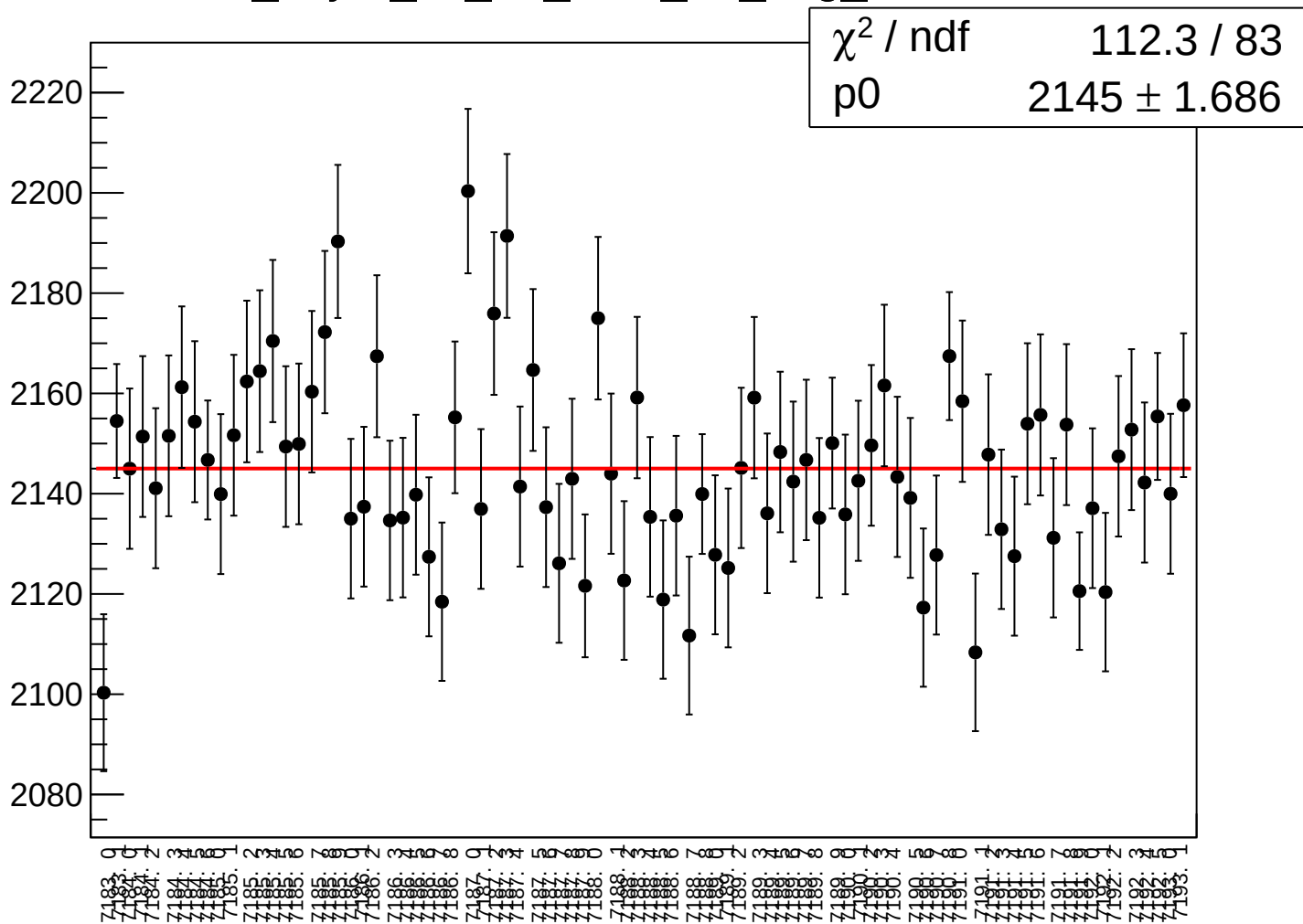
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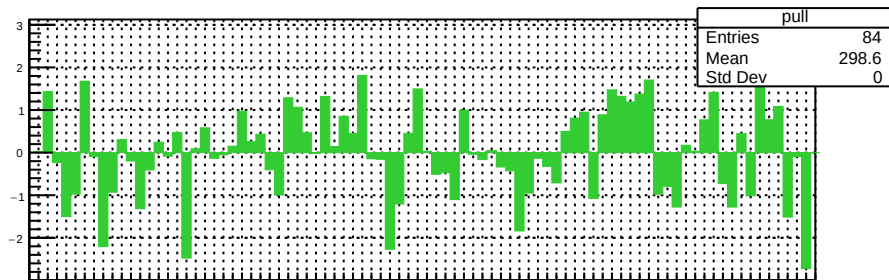
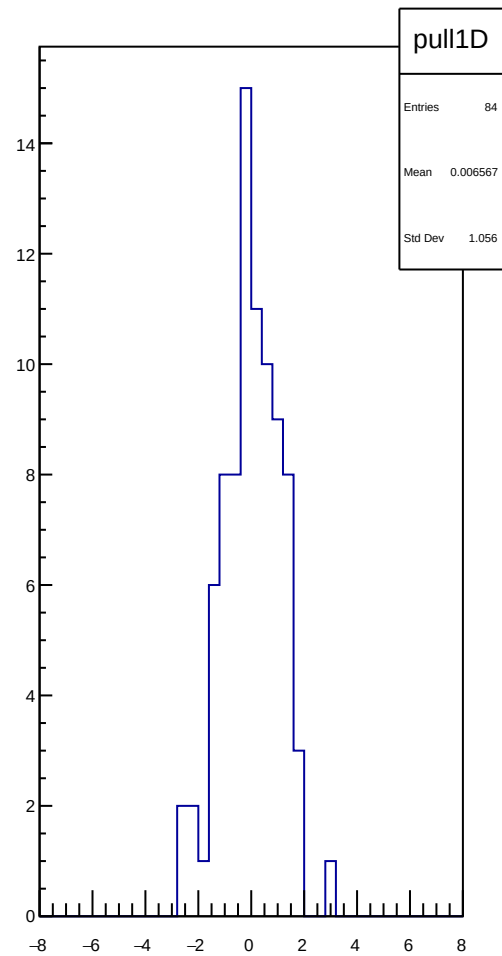
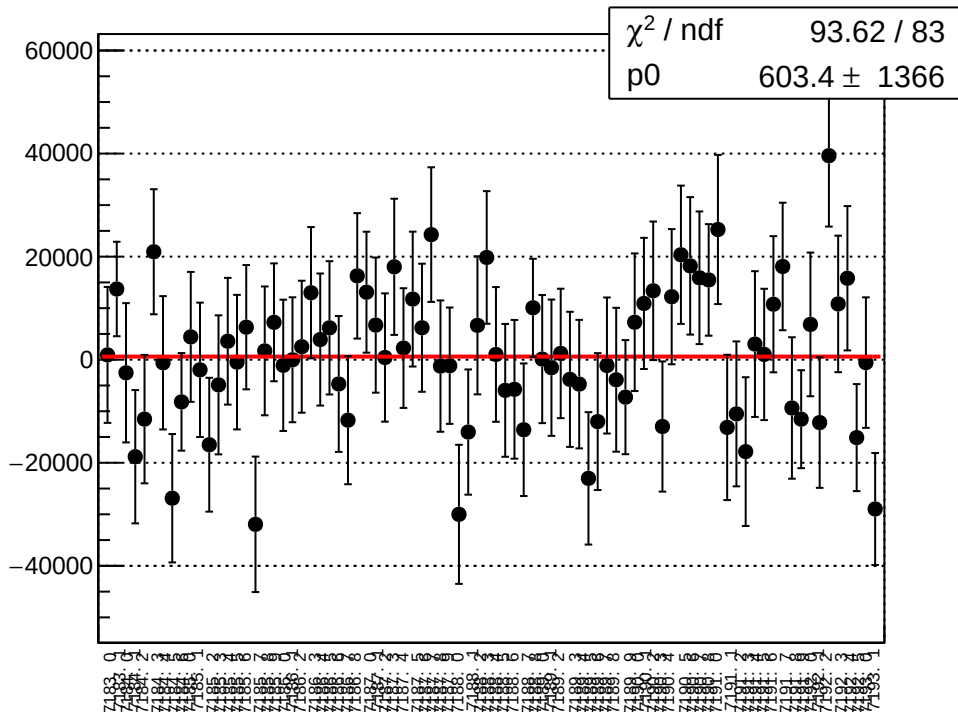
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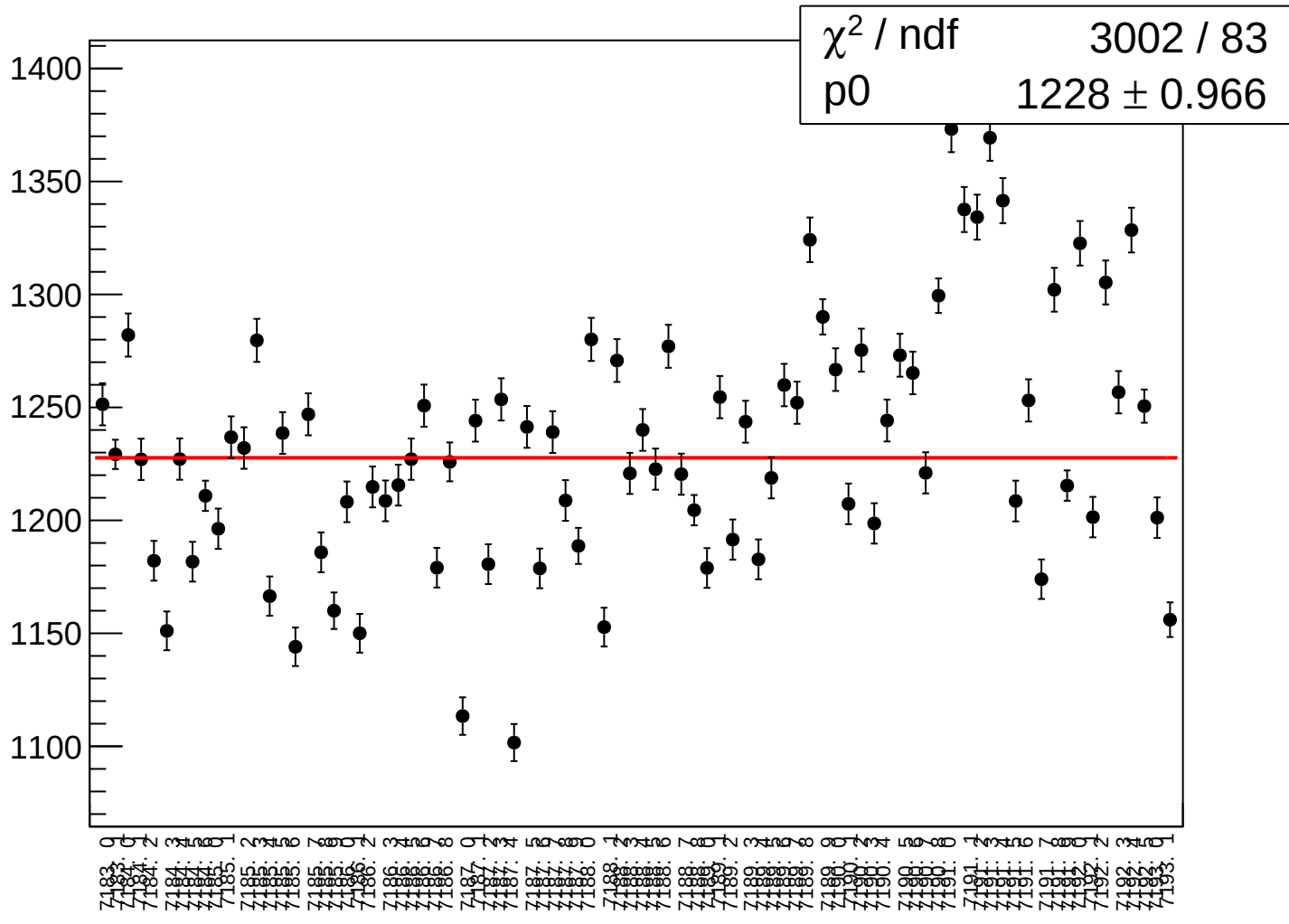
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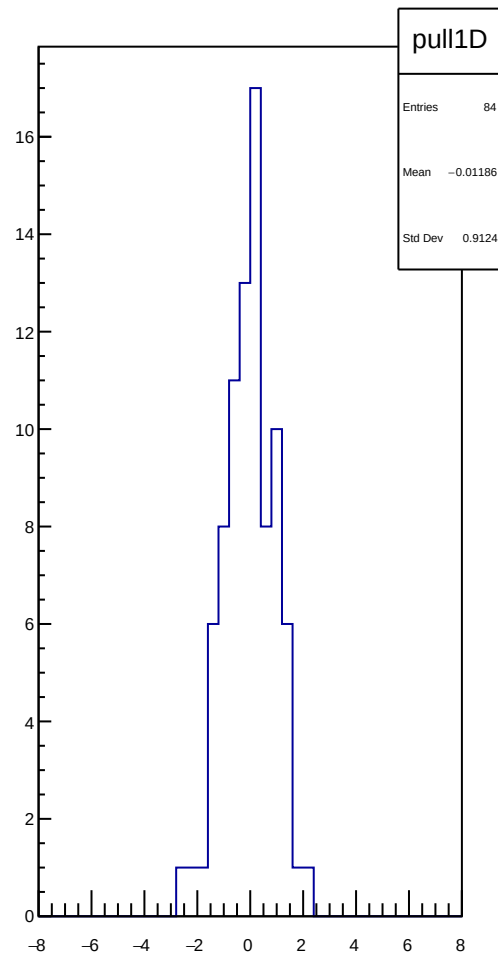
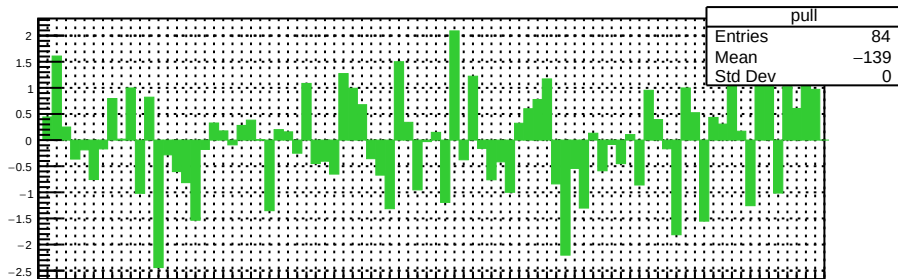
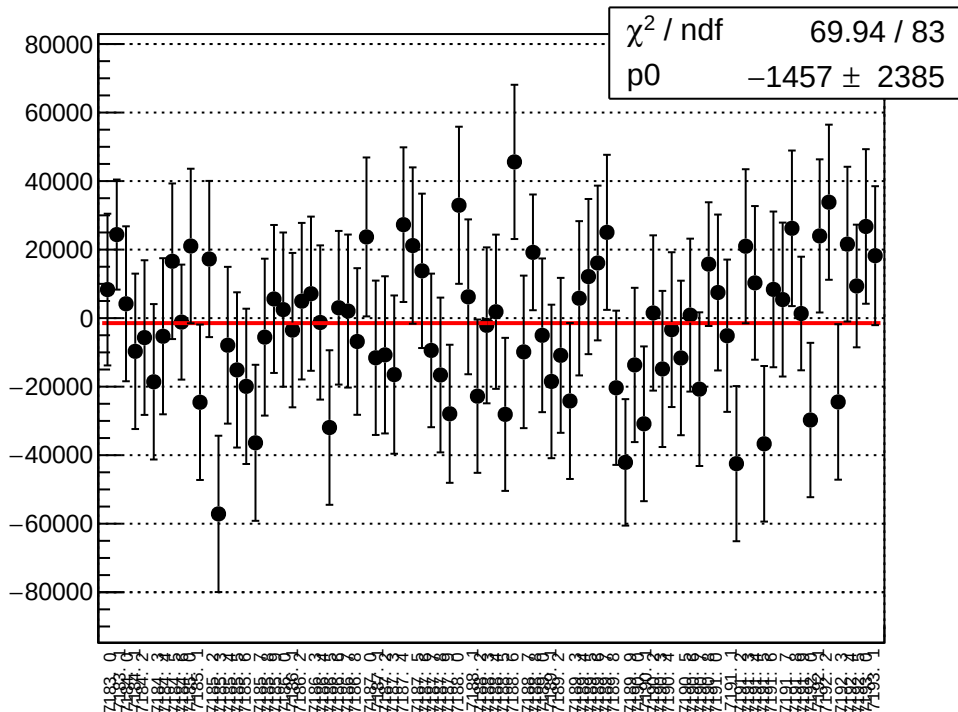
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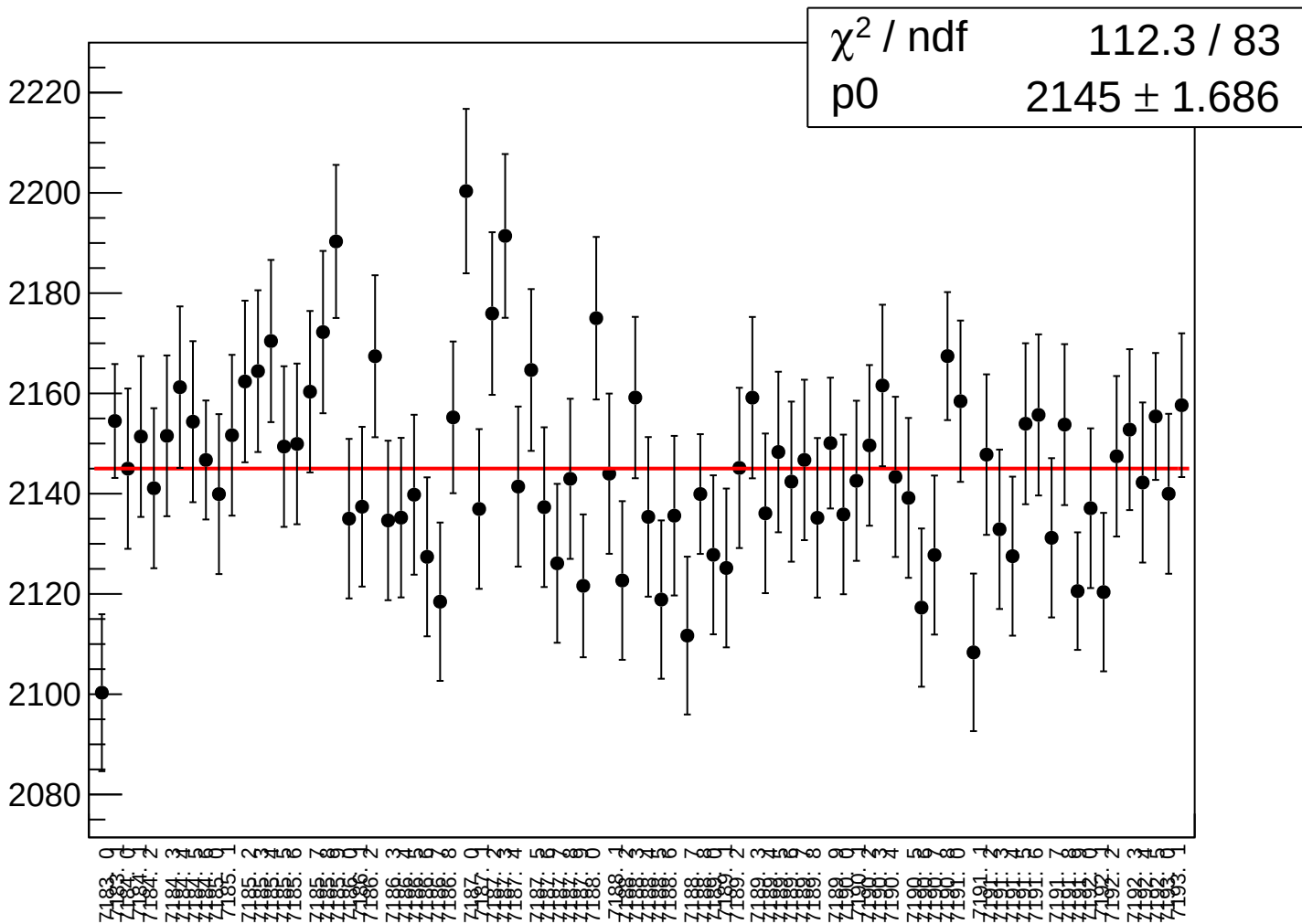
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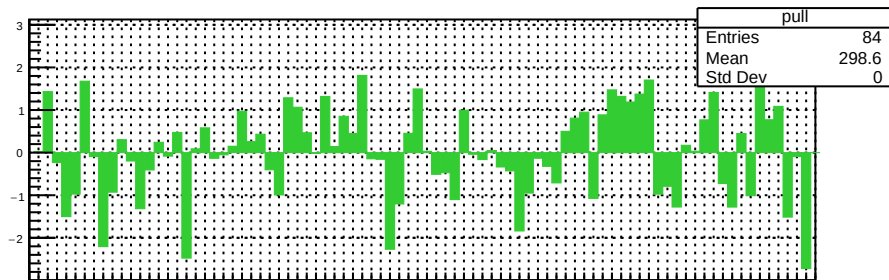
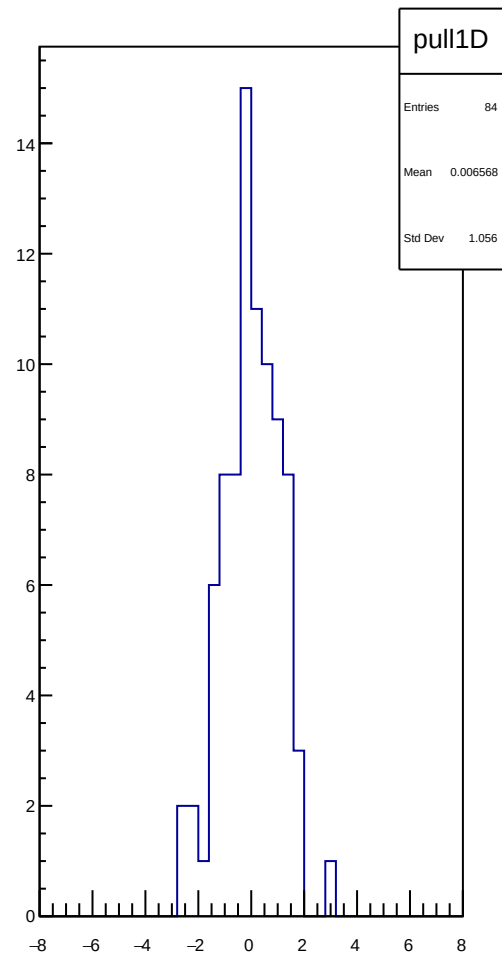
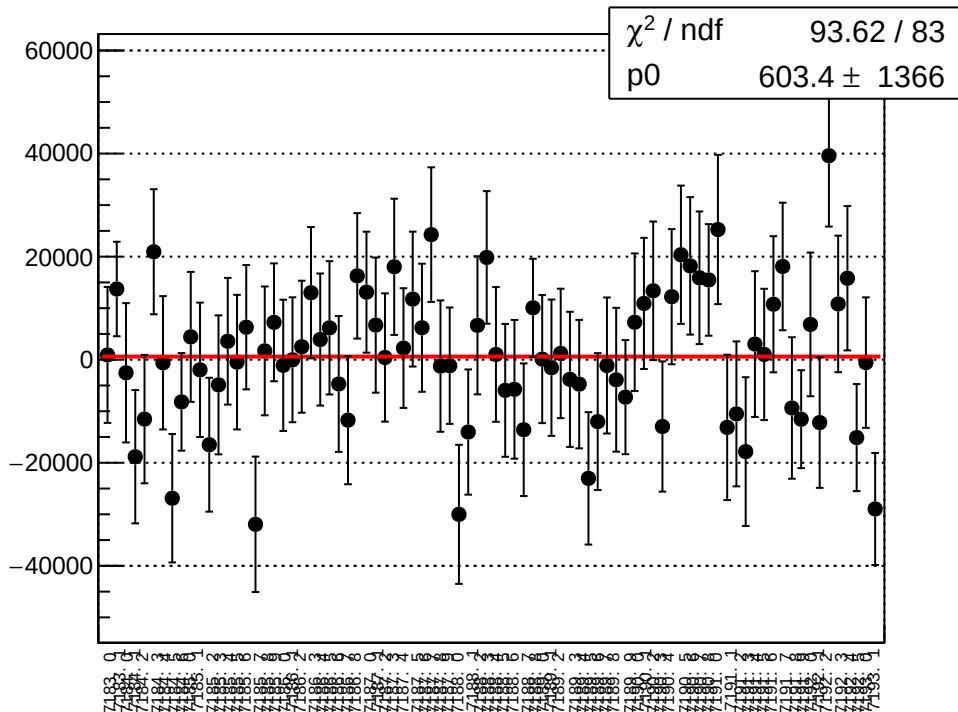
eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs run



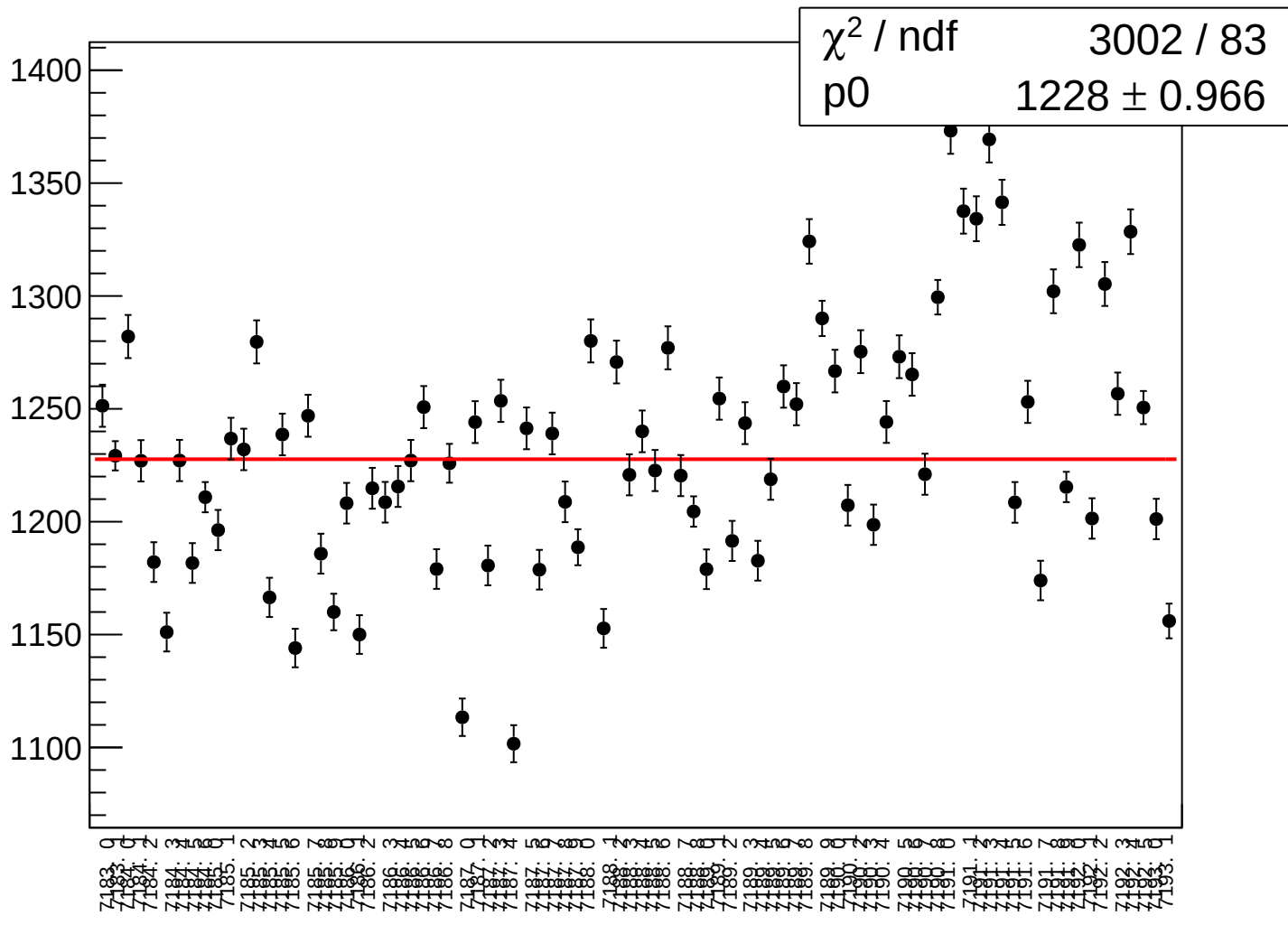
eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs run



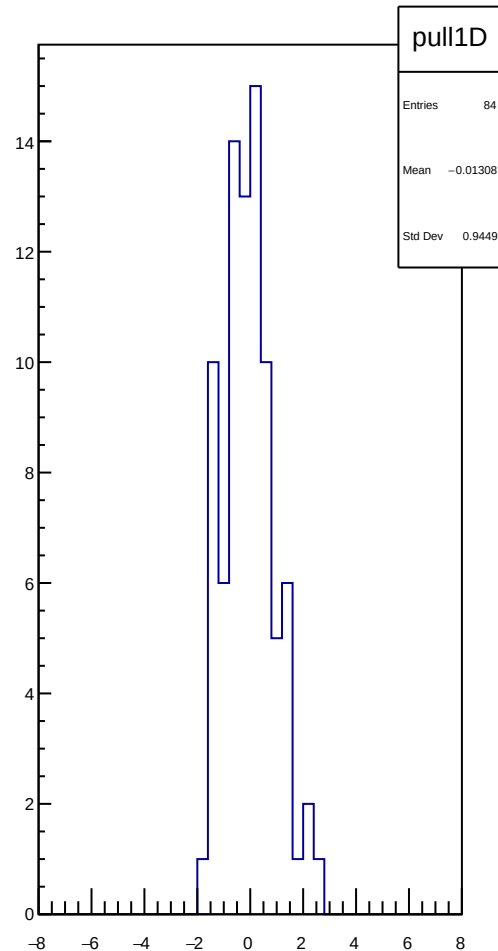
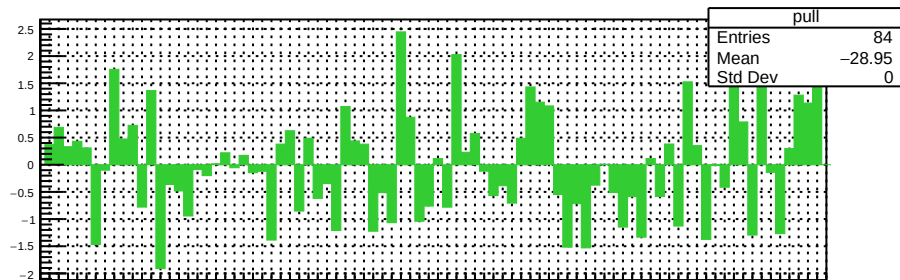
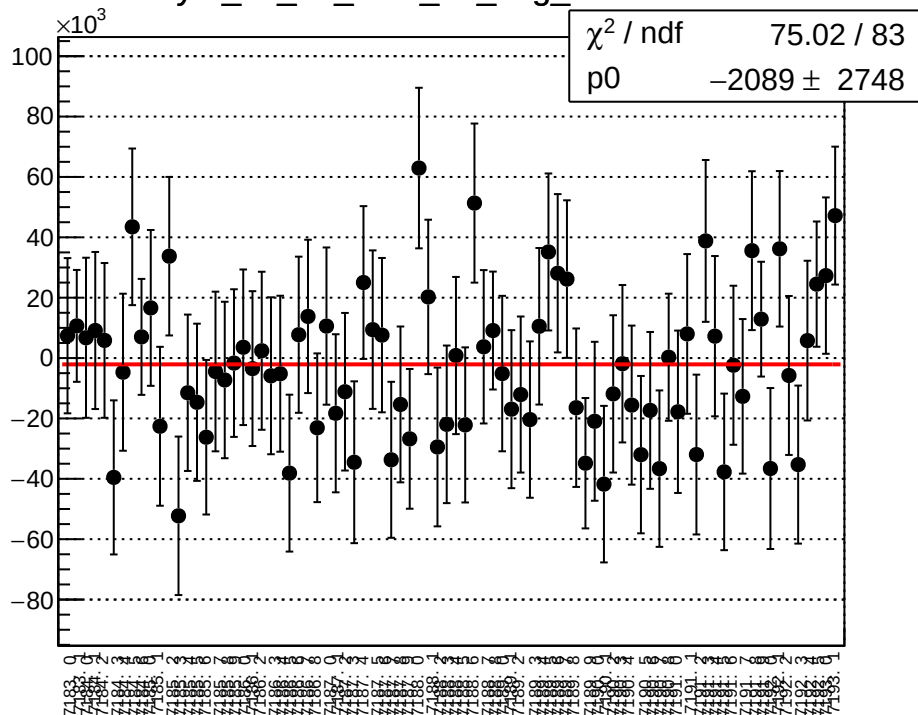
asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs run



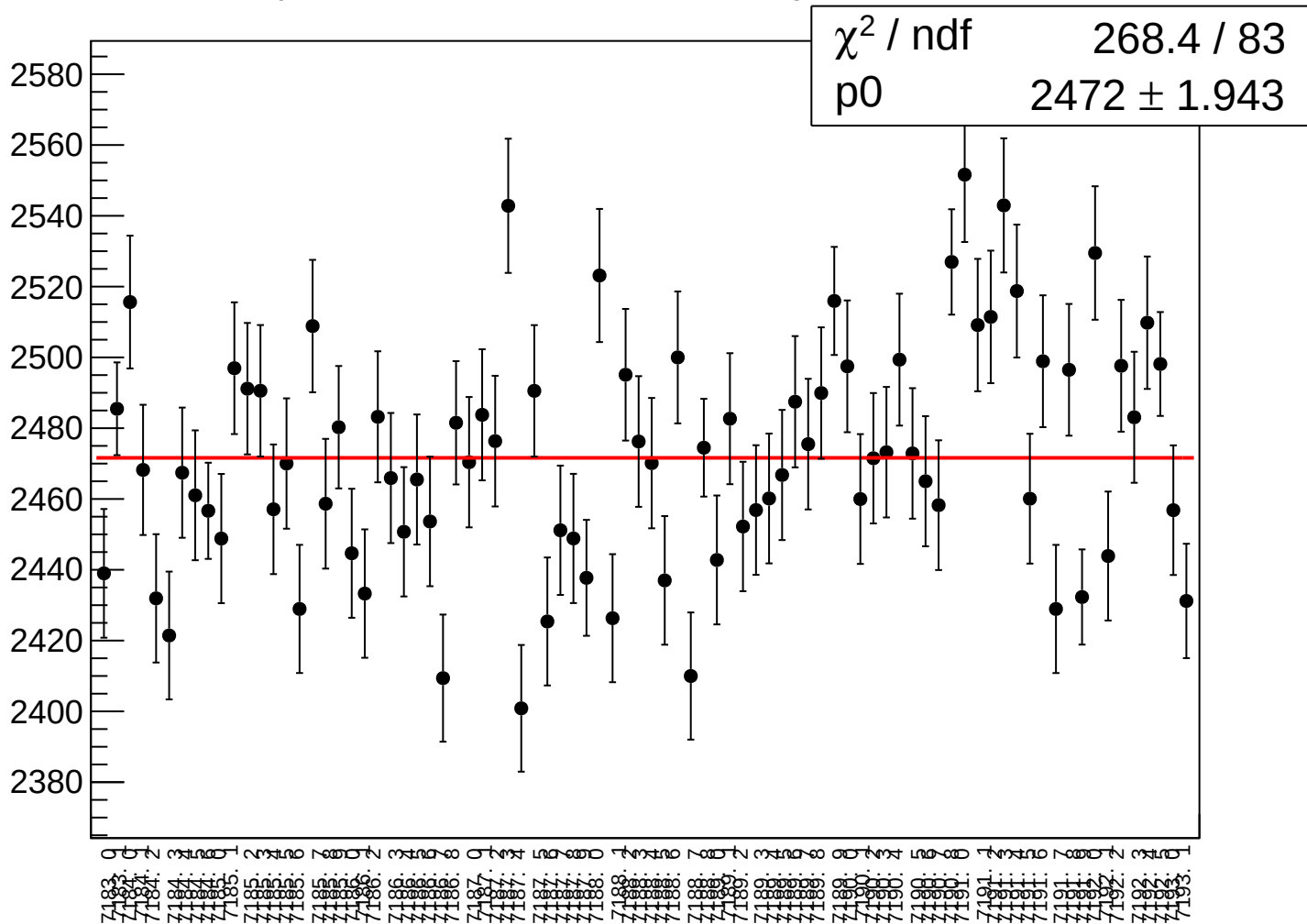
asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs run



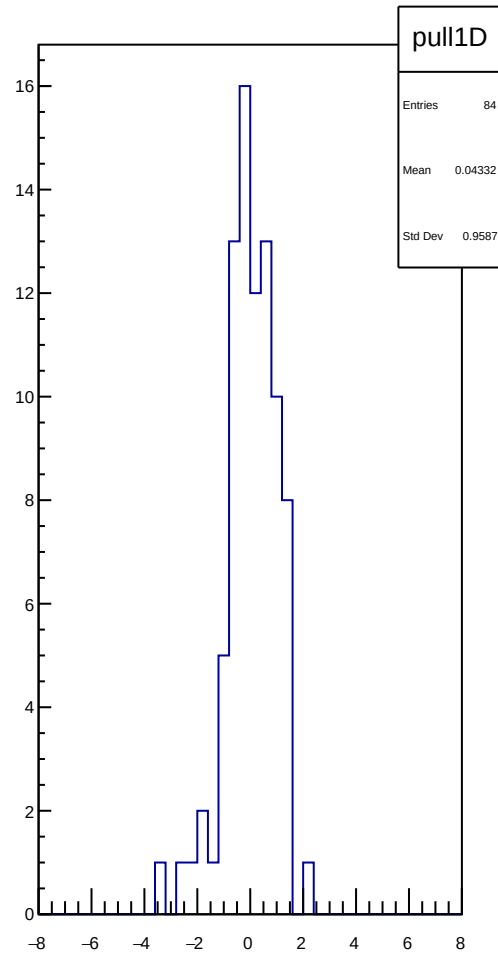
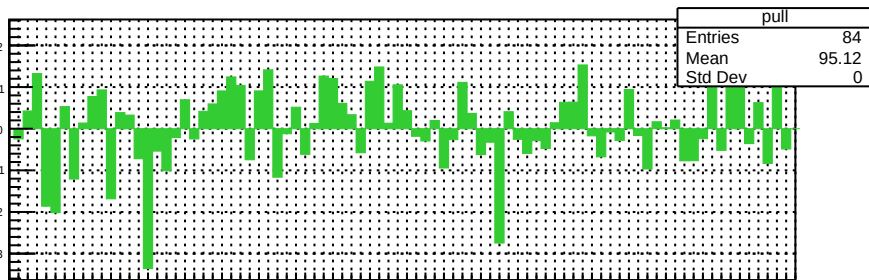
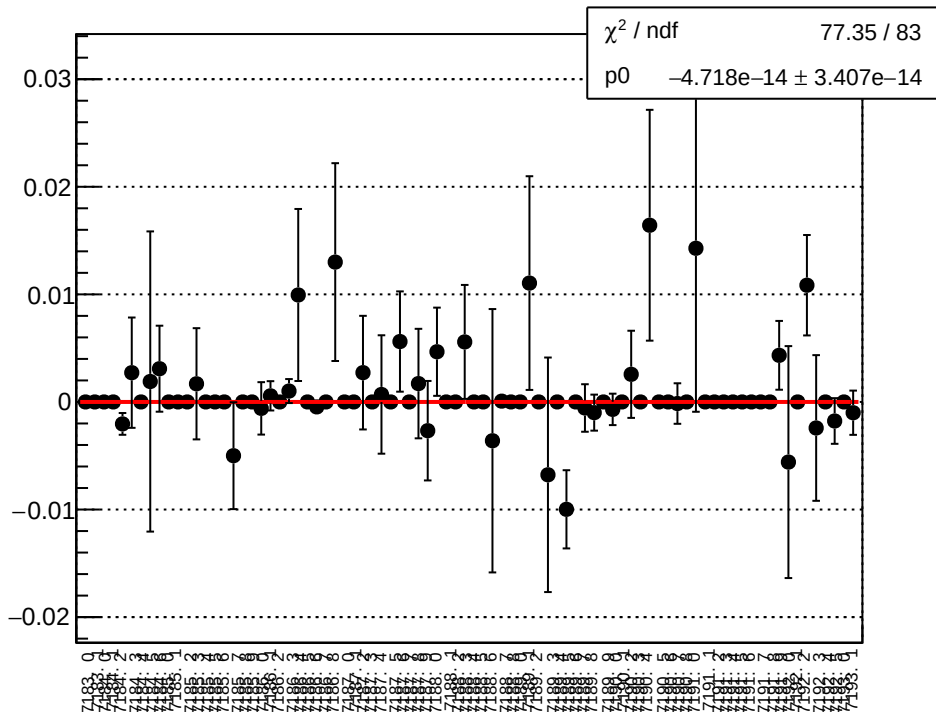
asym_us_dd_at2lr_dd_avg_mean vs run



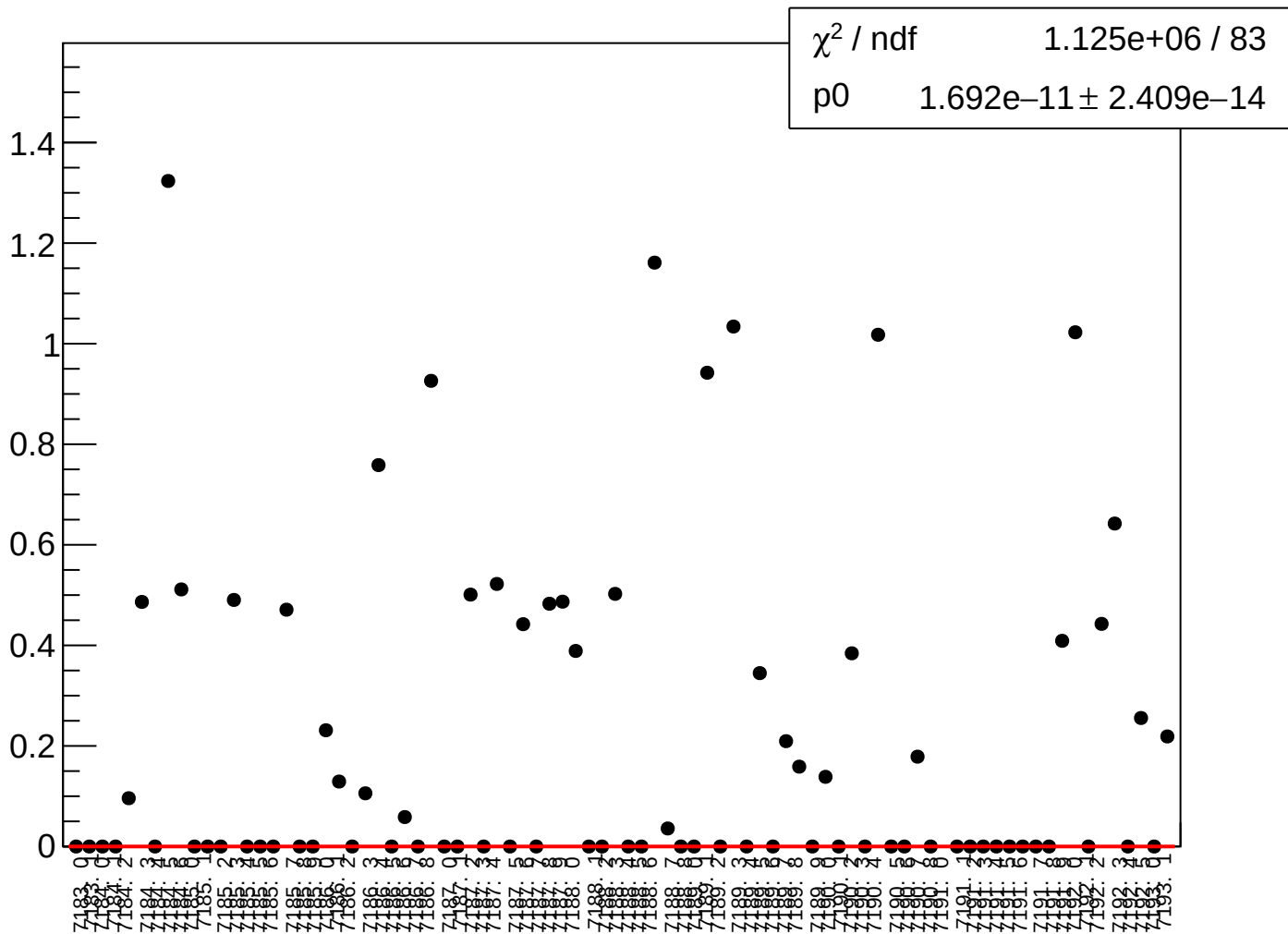
asym_us_dd_at2lr_dd_avg_rms vs run



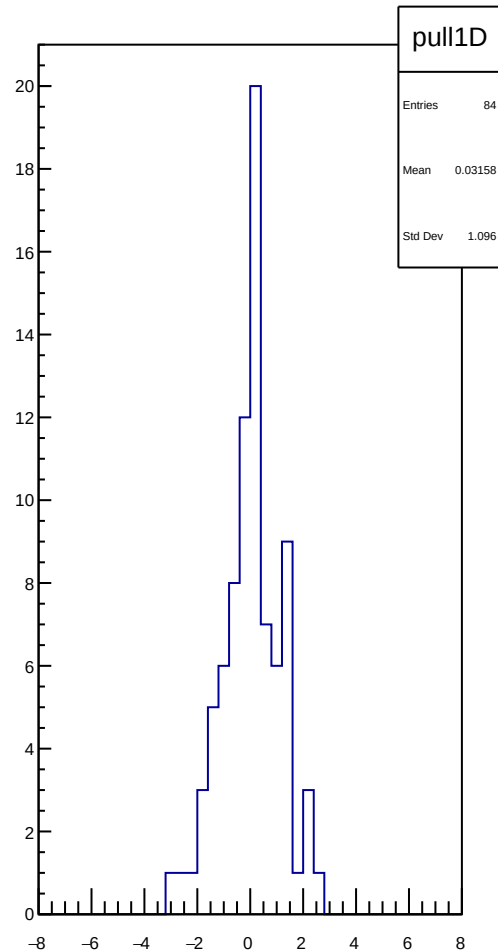
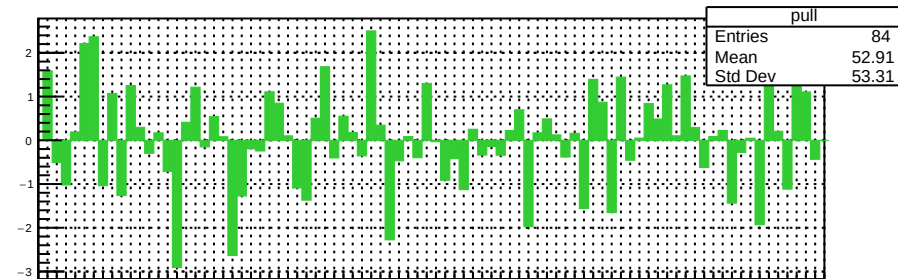
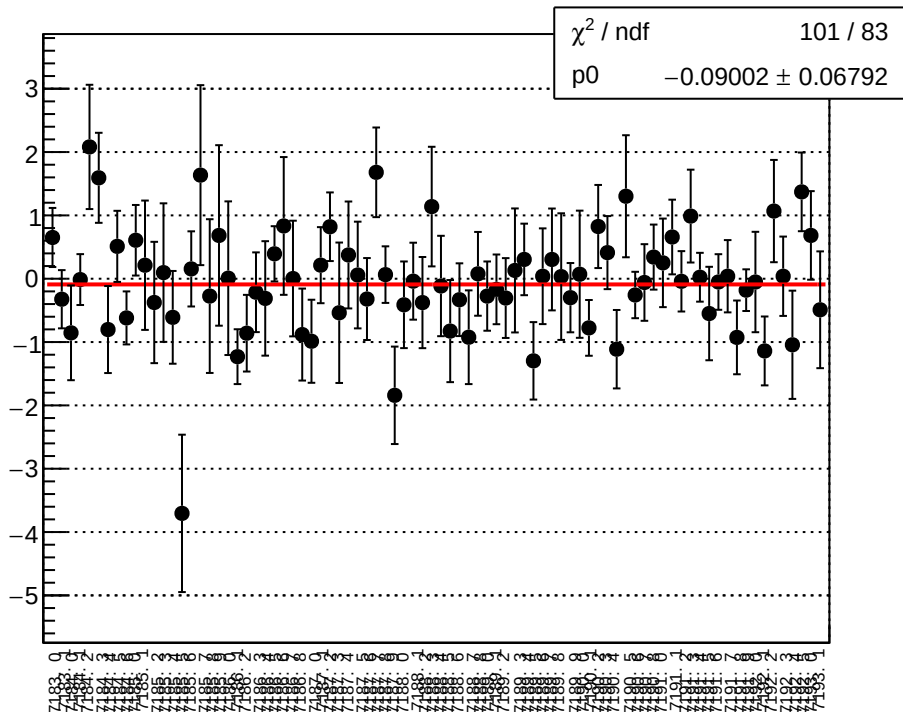
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs run



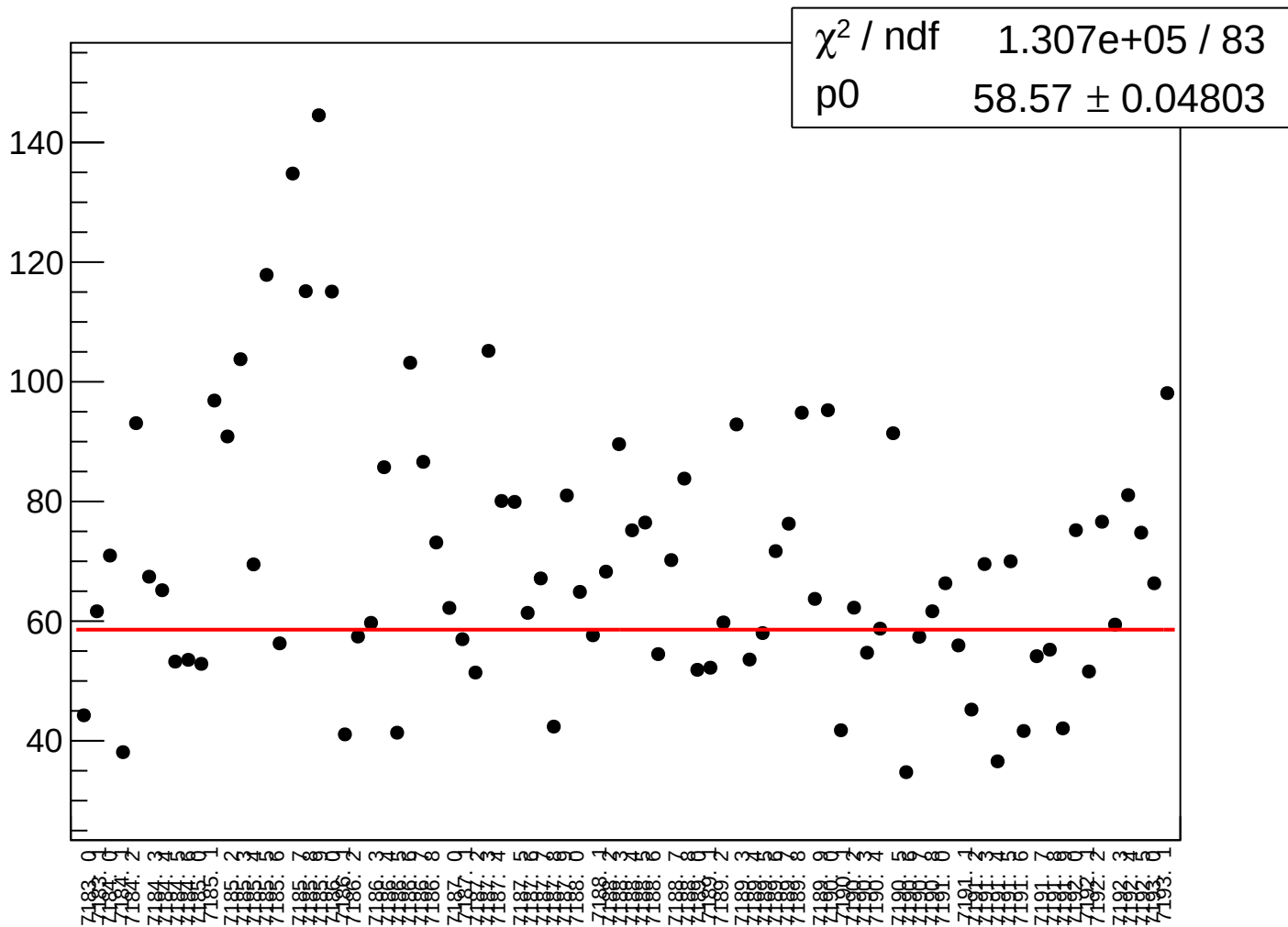
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs run



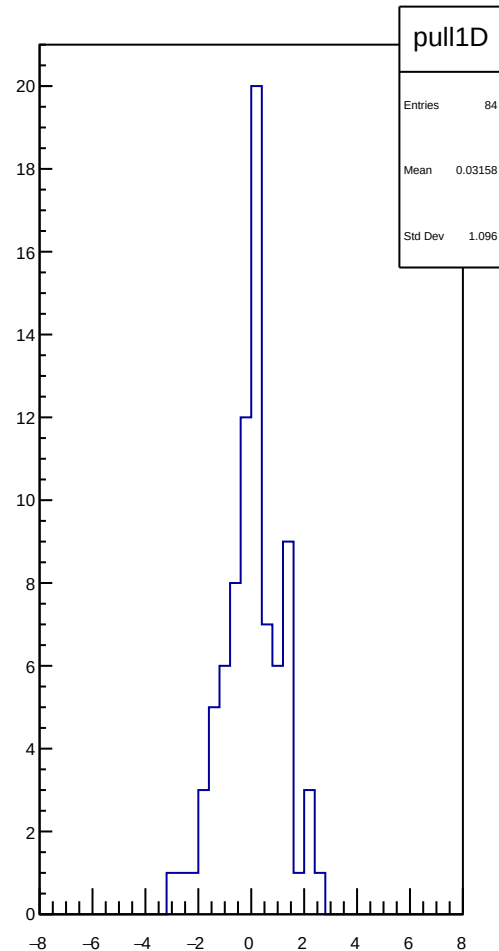
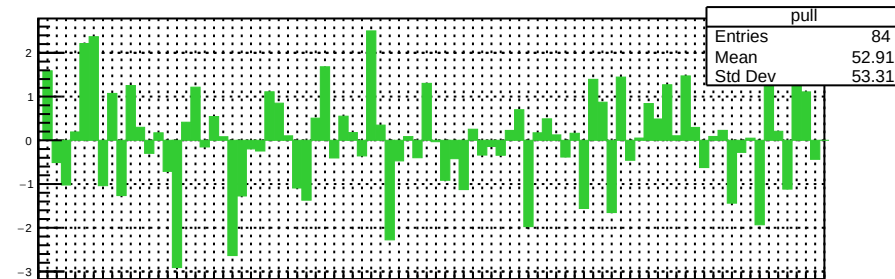
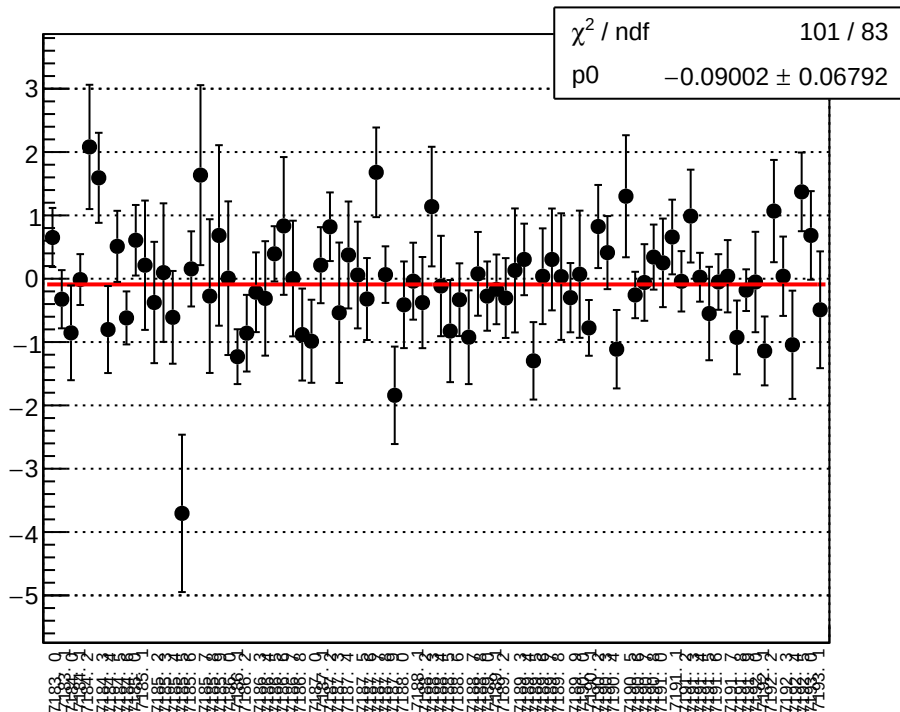
asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs run



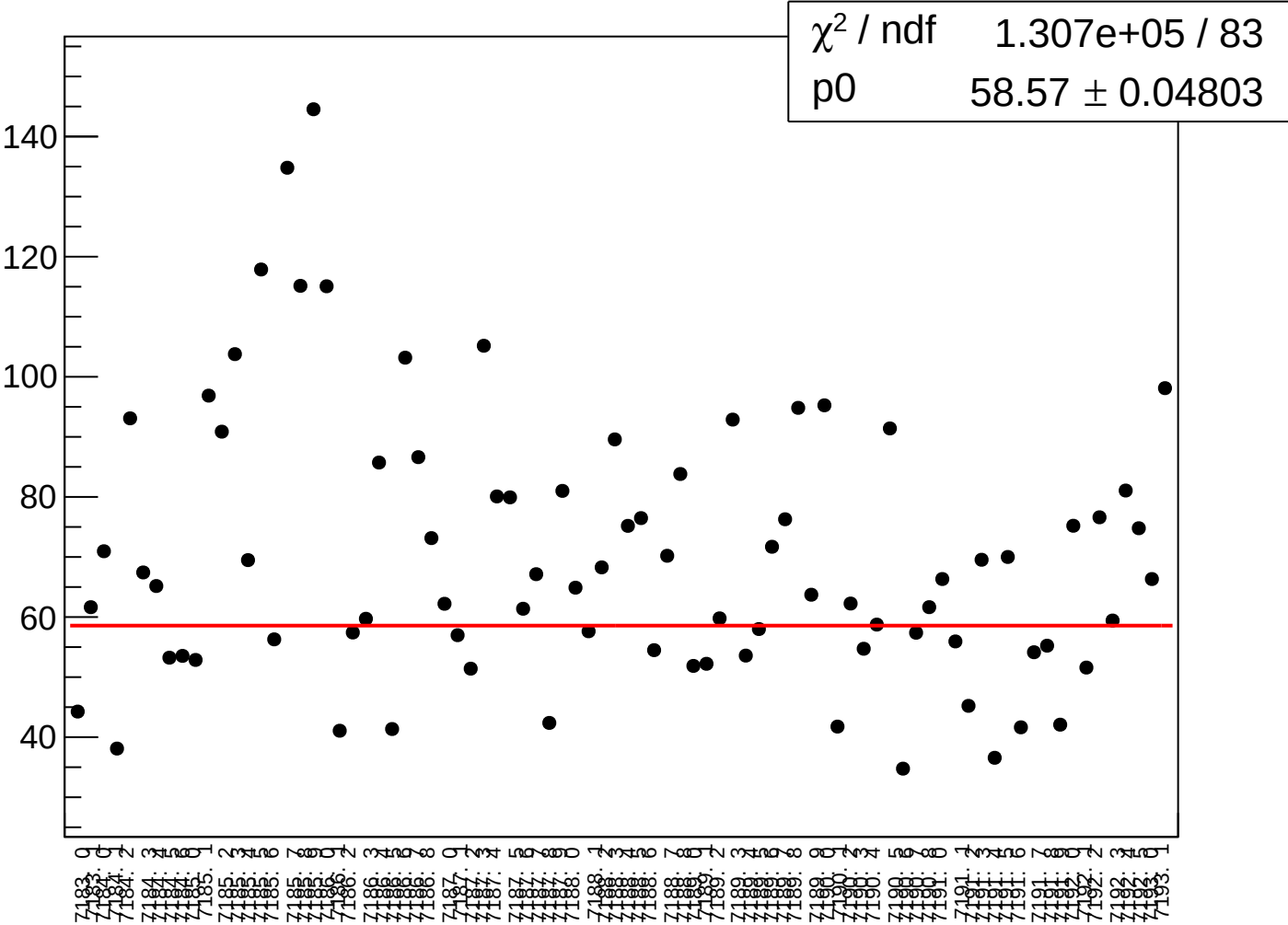
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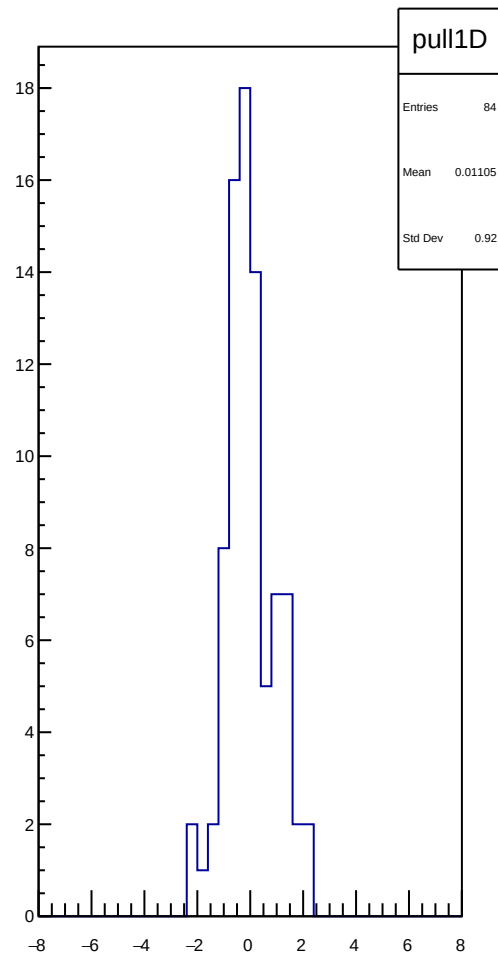
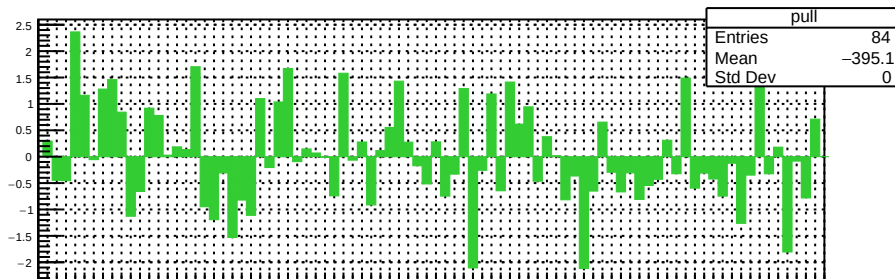
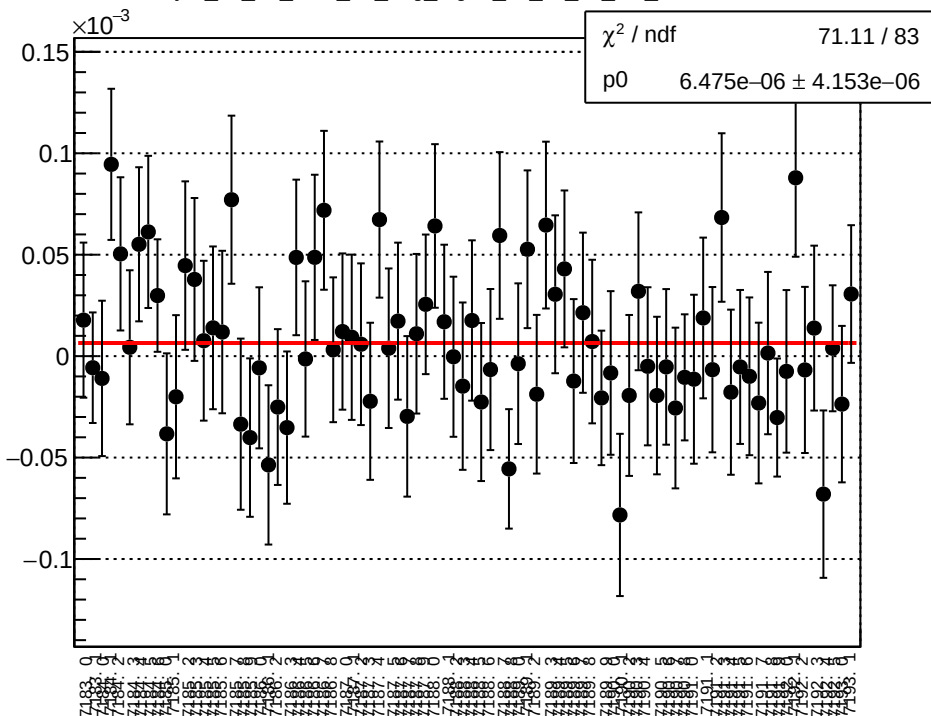
asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs run



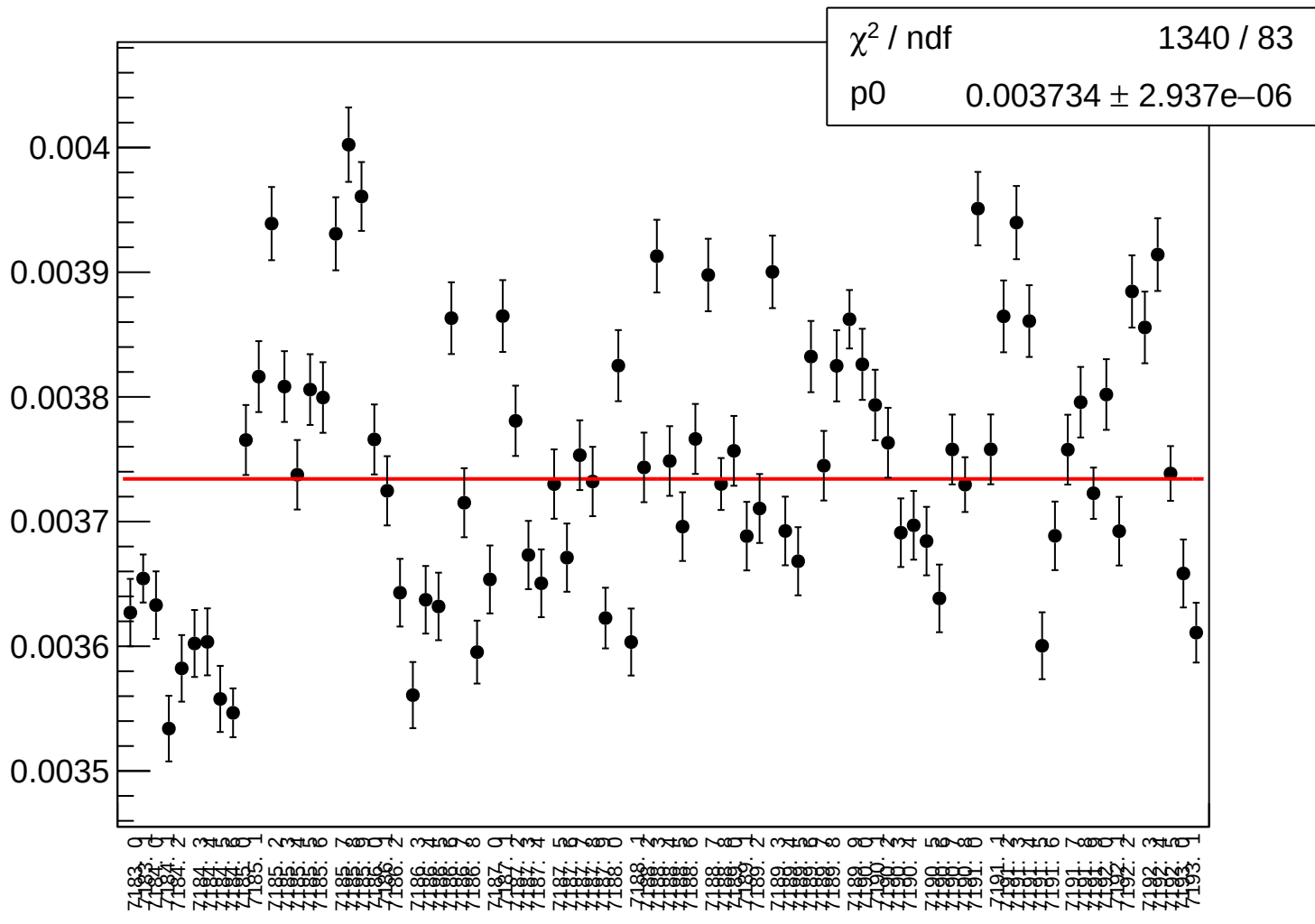
asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs run



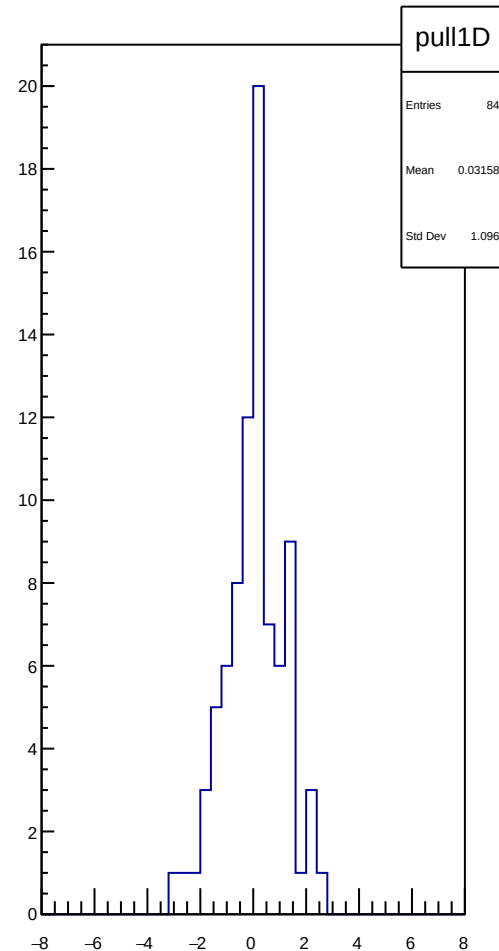
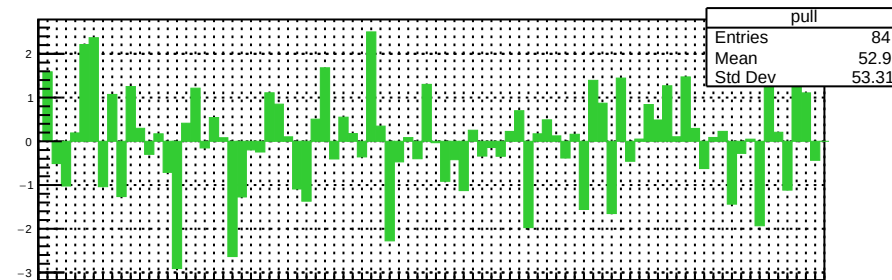
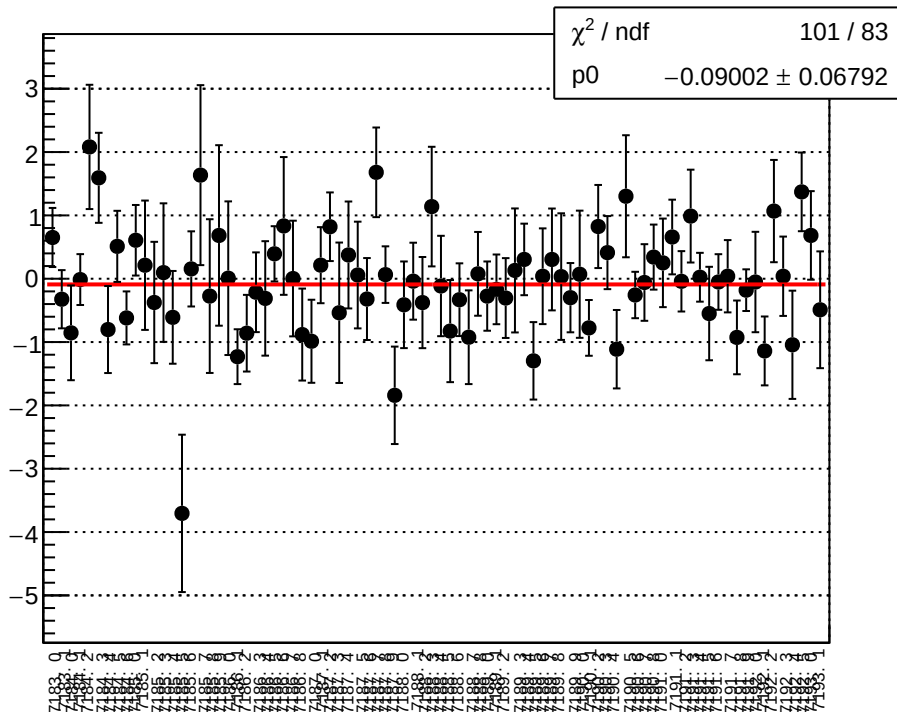
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs run



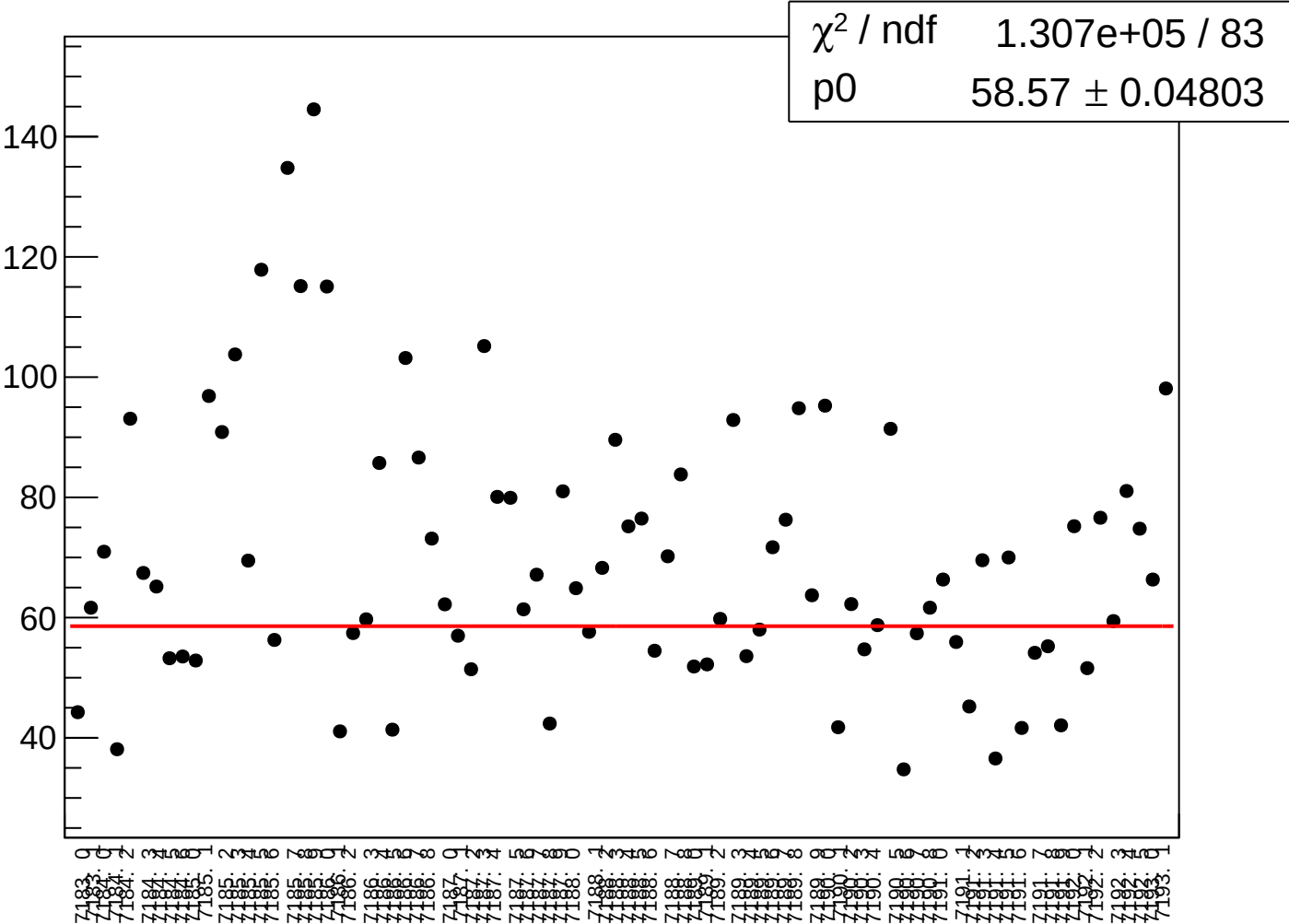
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs run



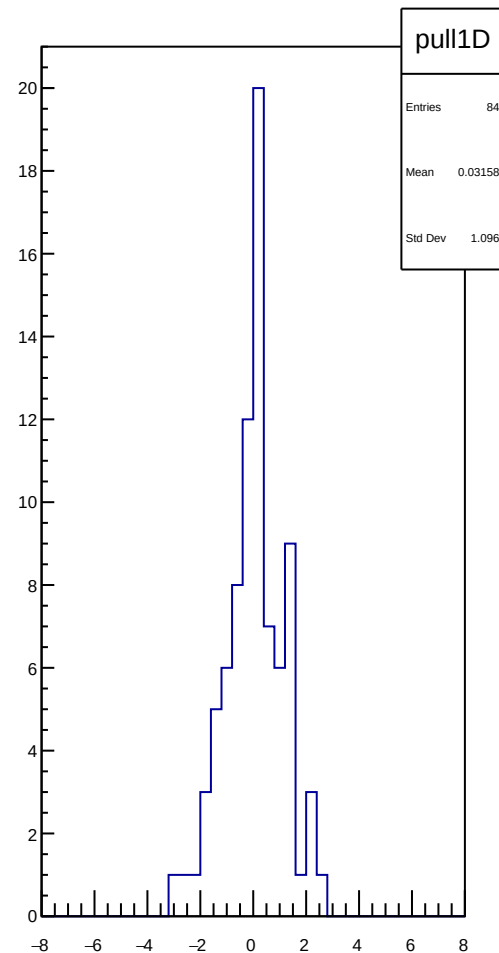
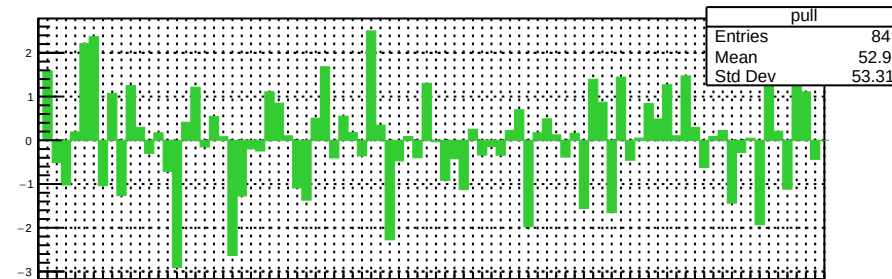
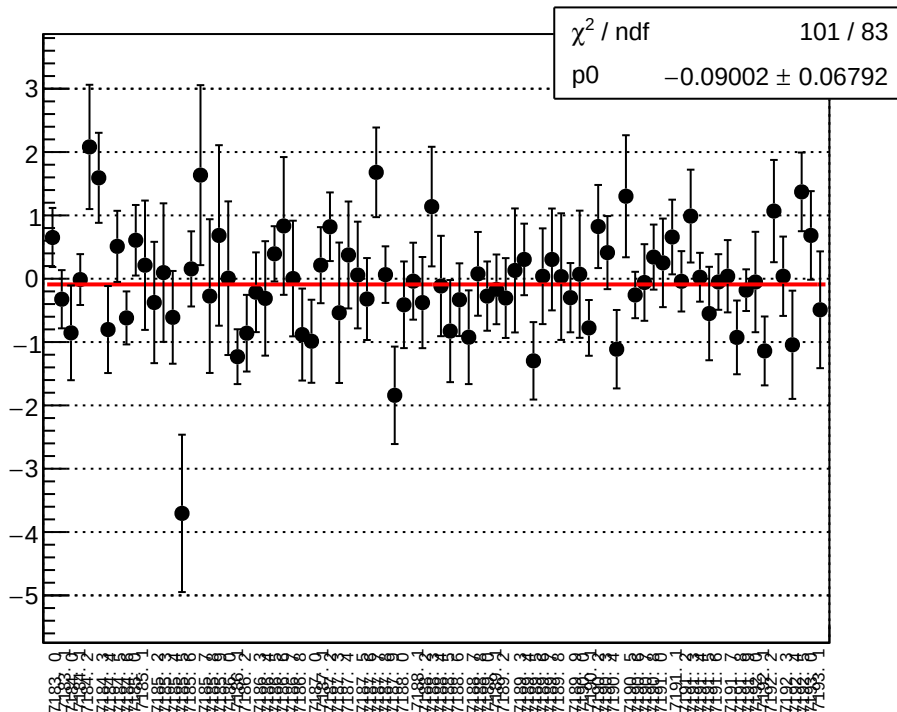
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs run



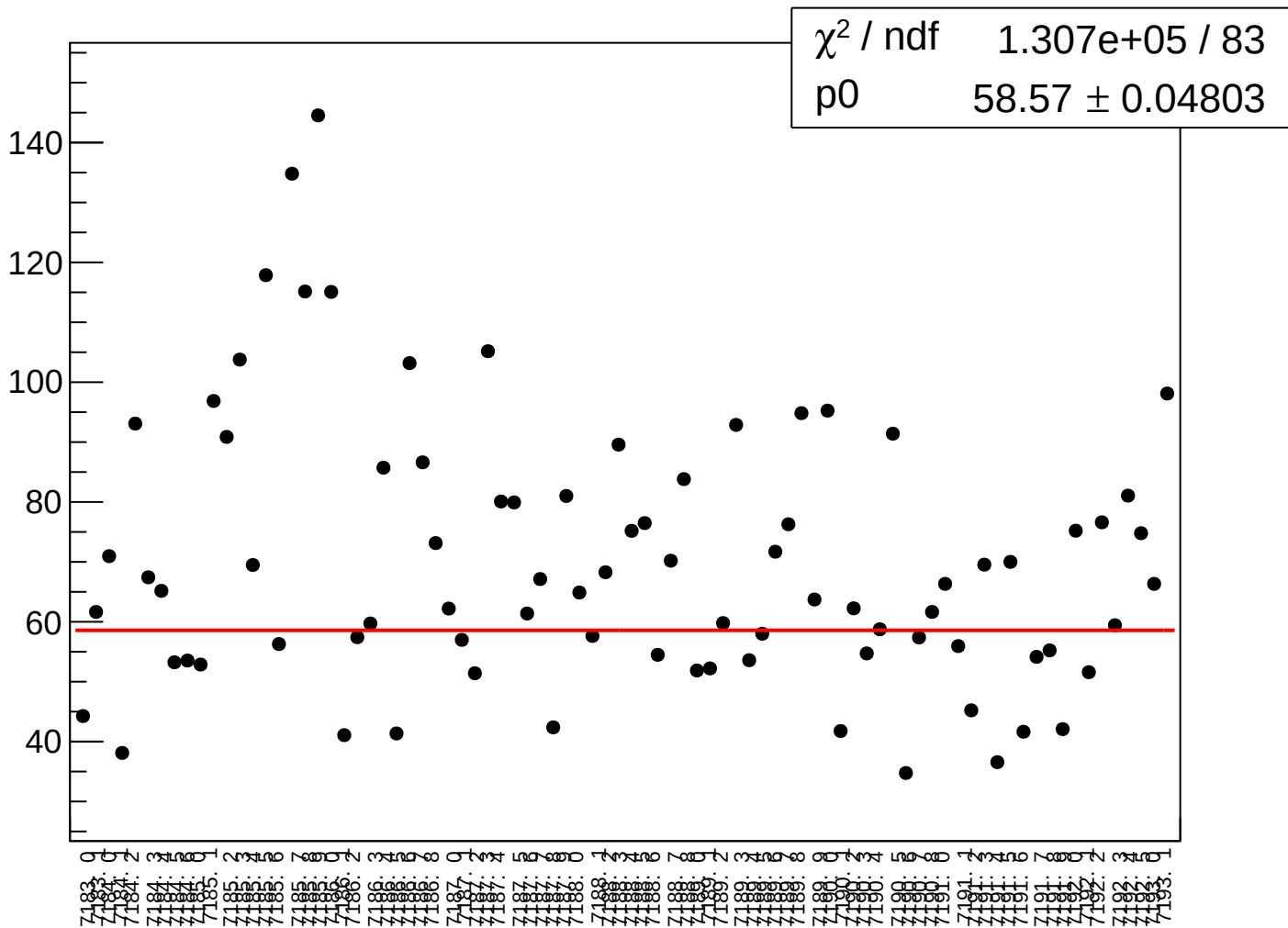
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs run



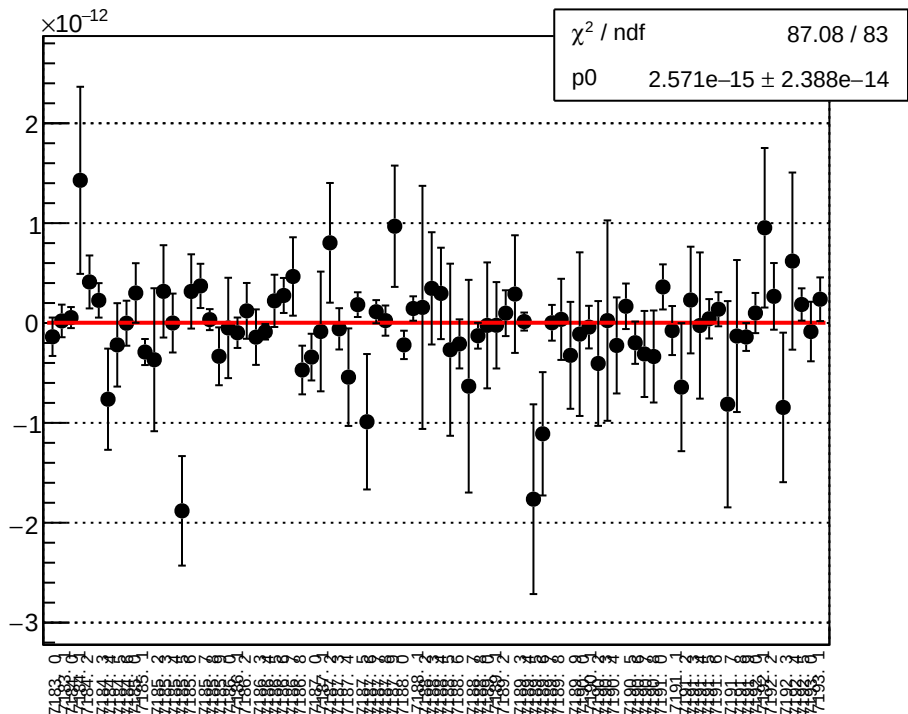
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



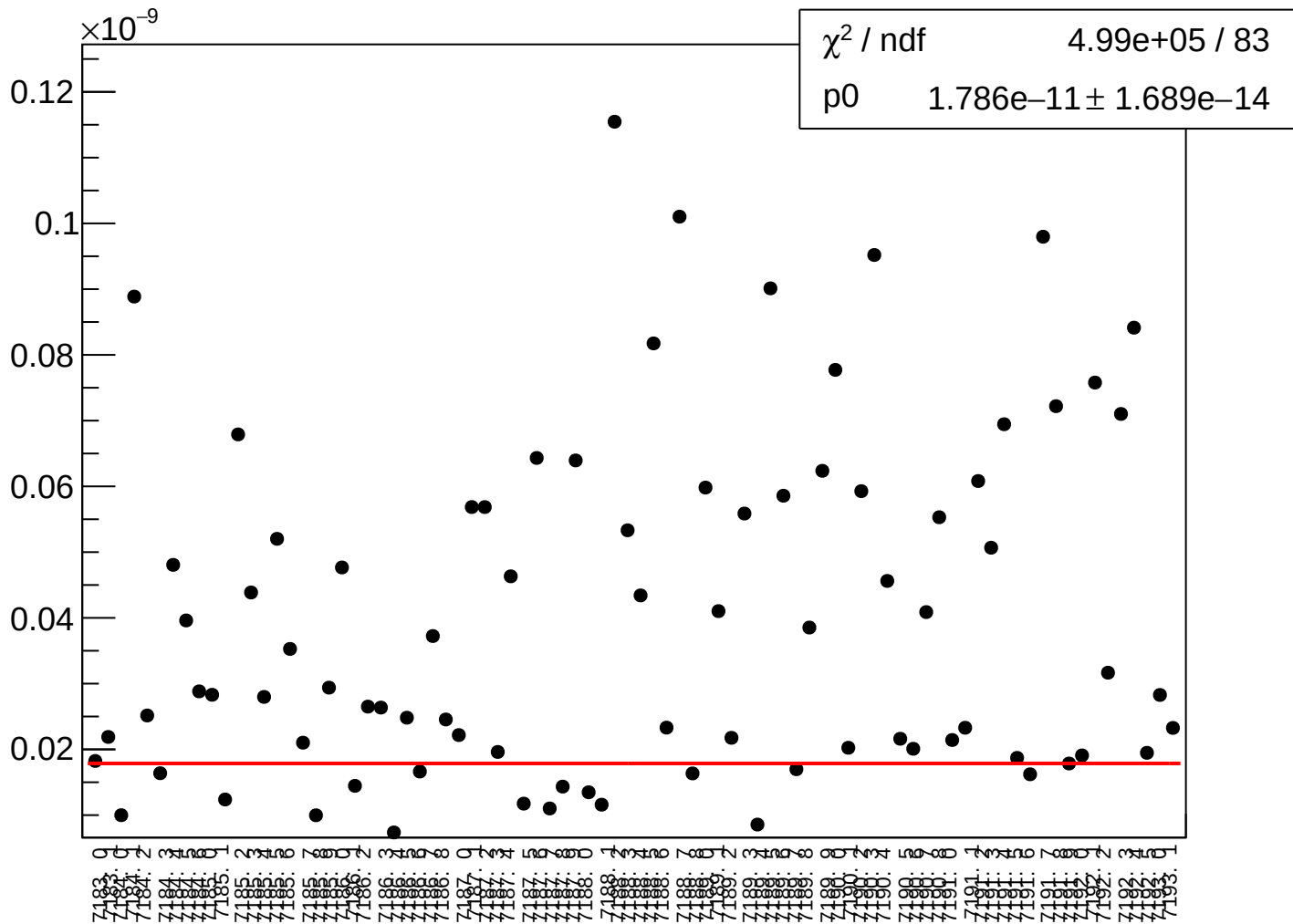
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



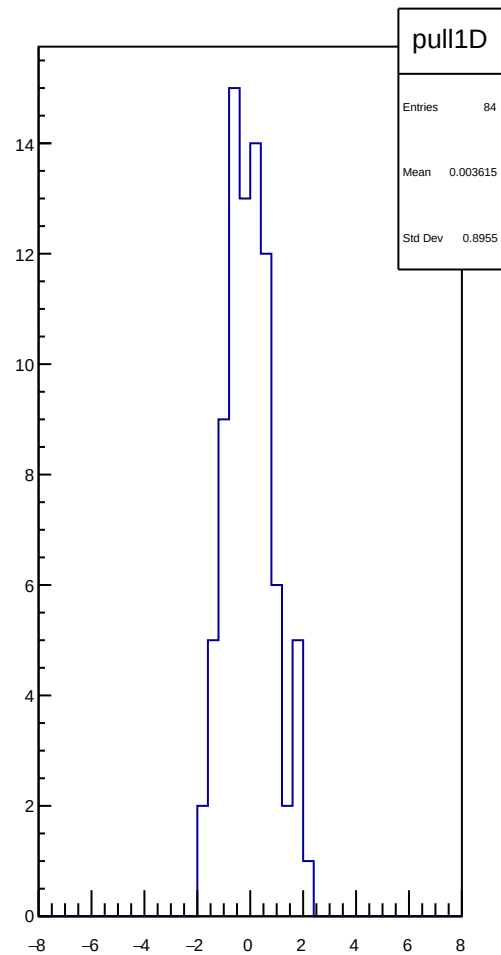
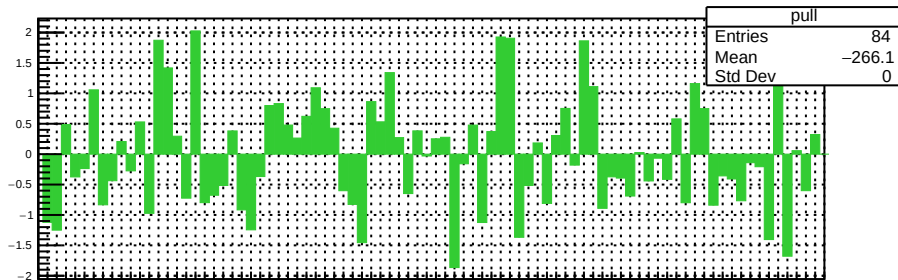
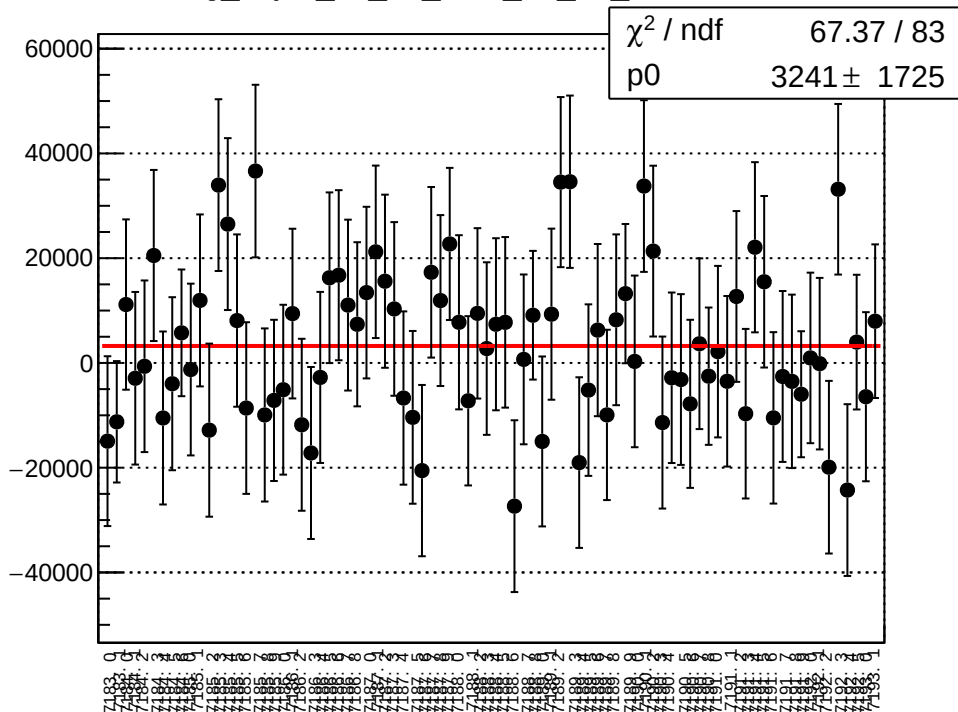
asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs run



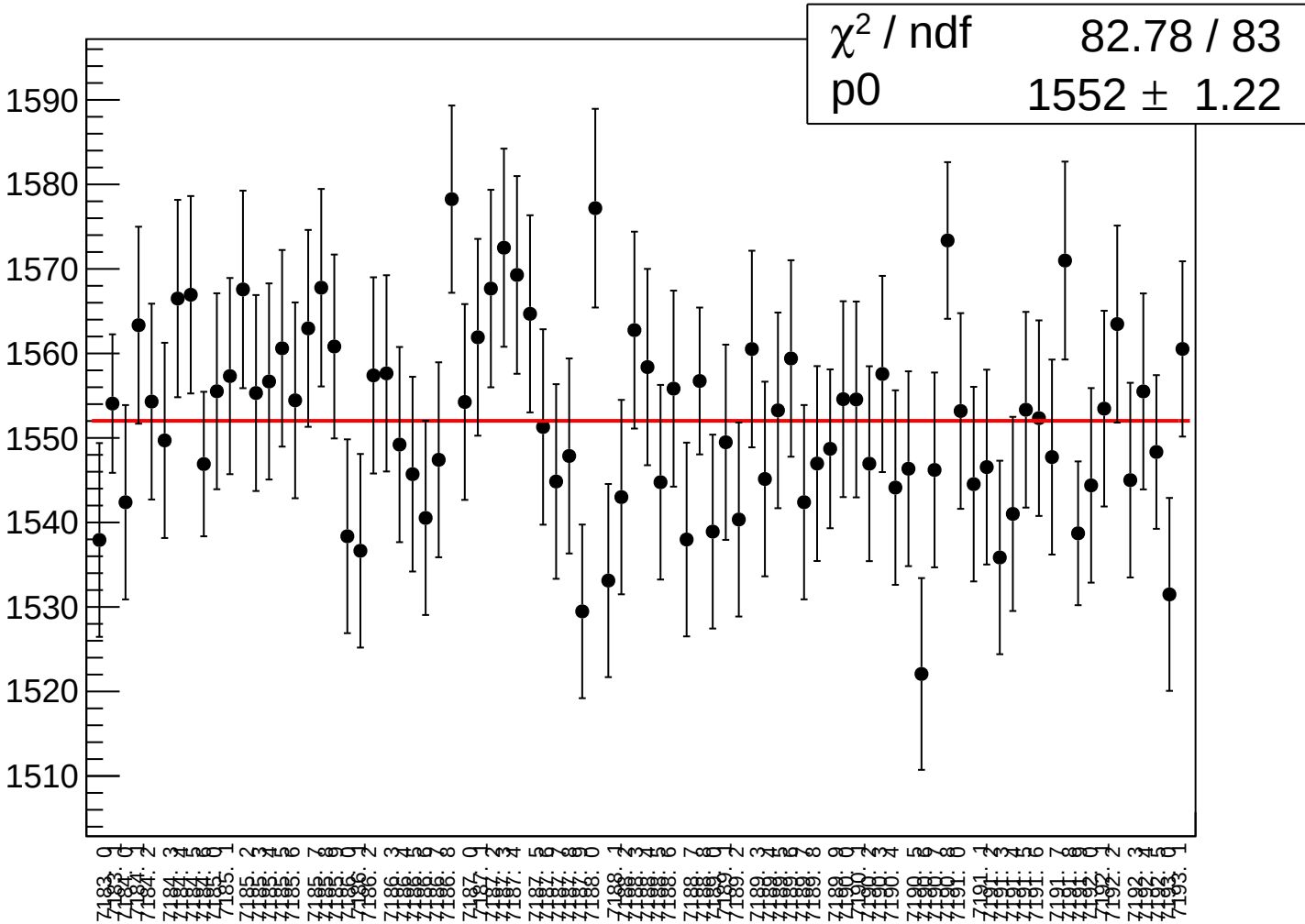
asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs run



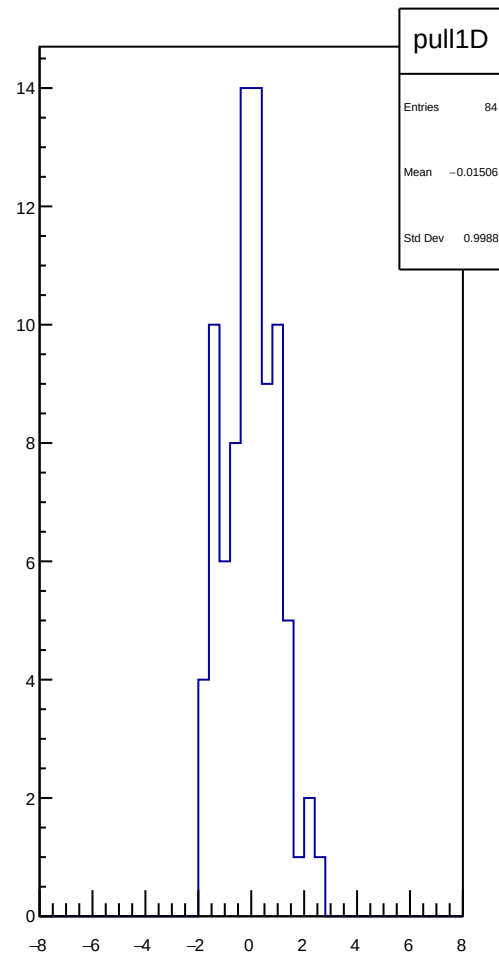
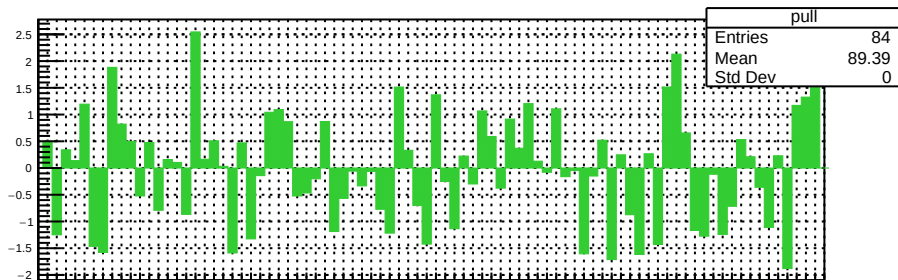
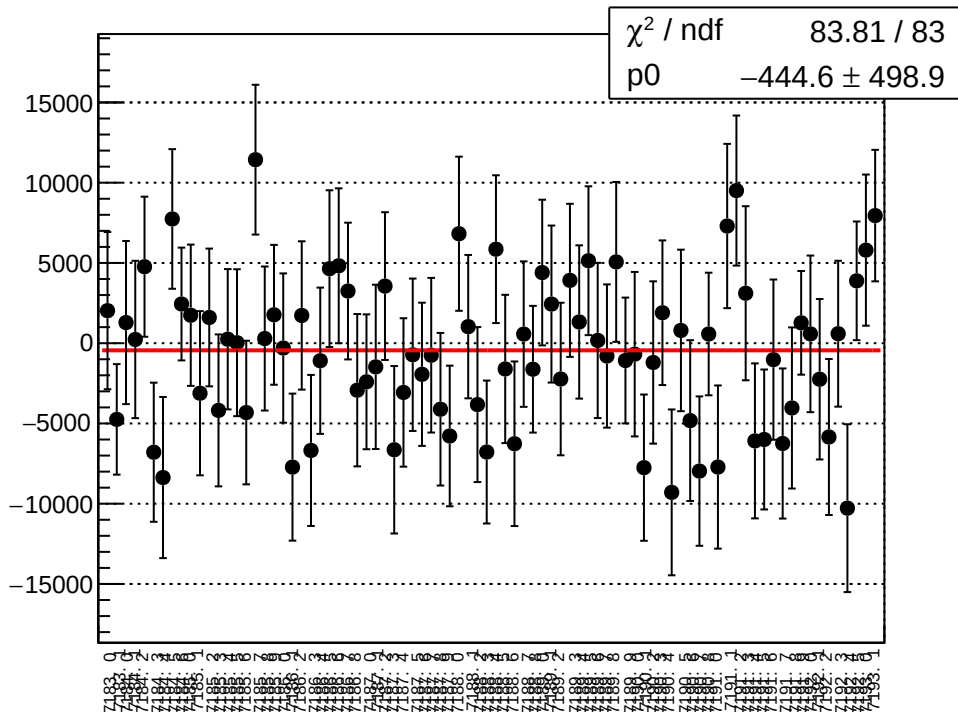
reg_asym_us_dd_at2lr_dd_dd_mean vs run



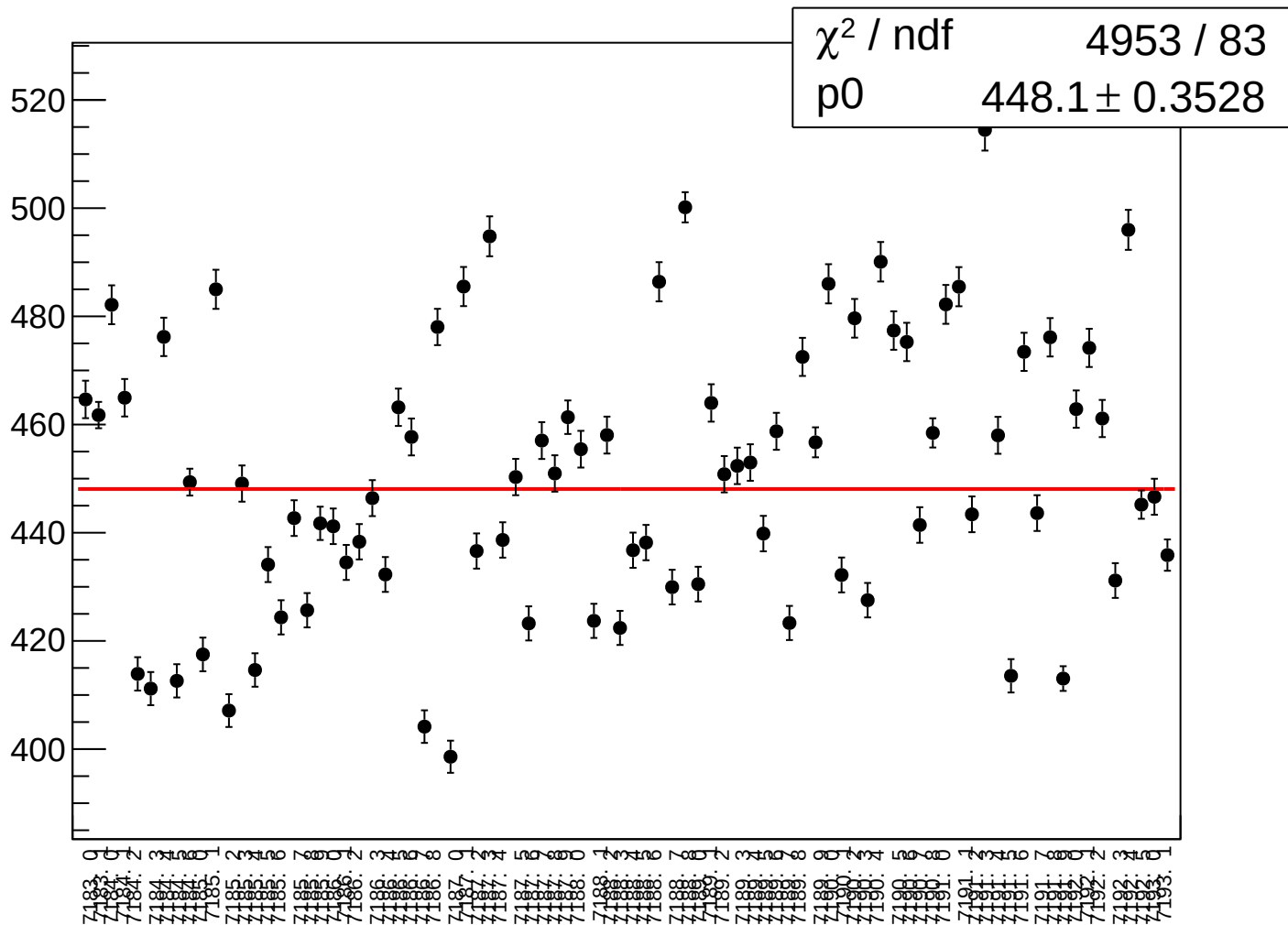
reg_asym_us_dd_at2lr_dd_dd_rms vs run



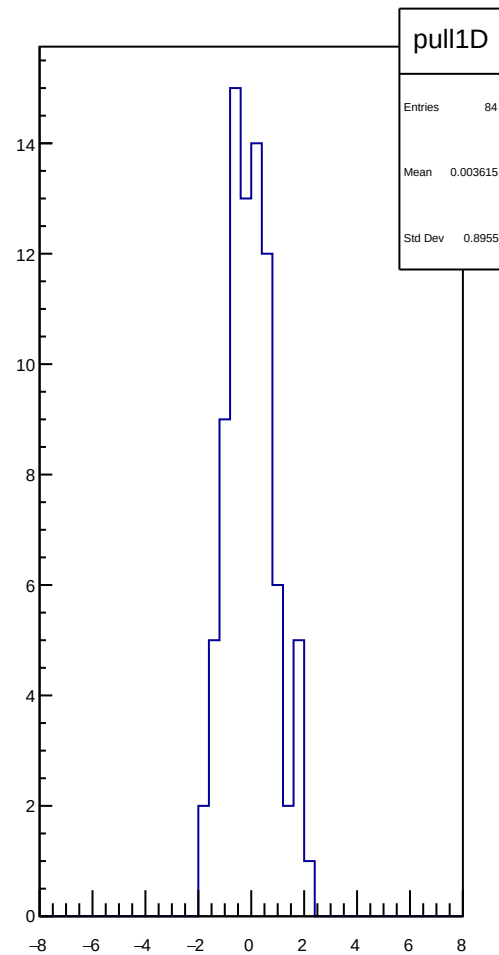
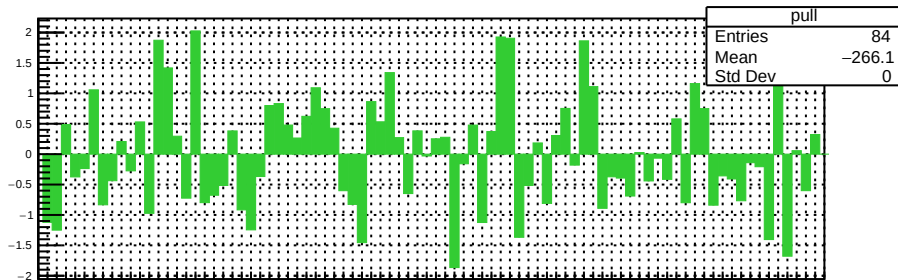
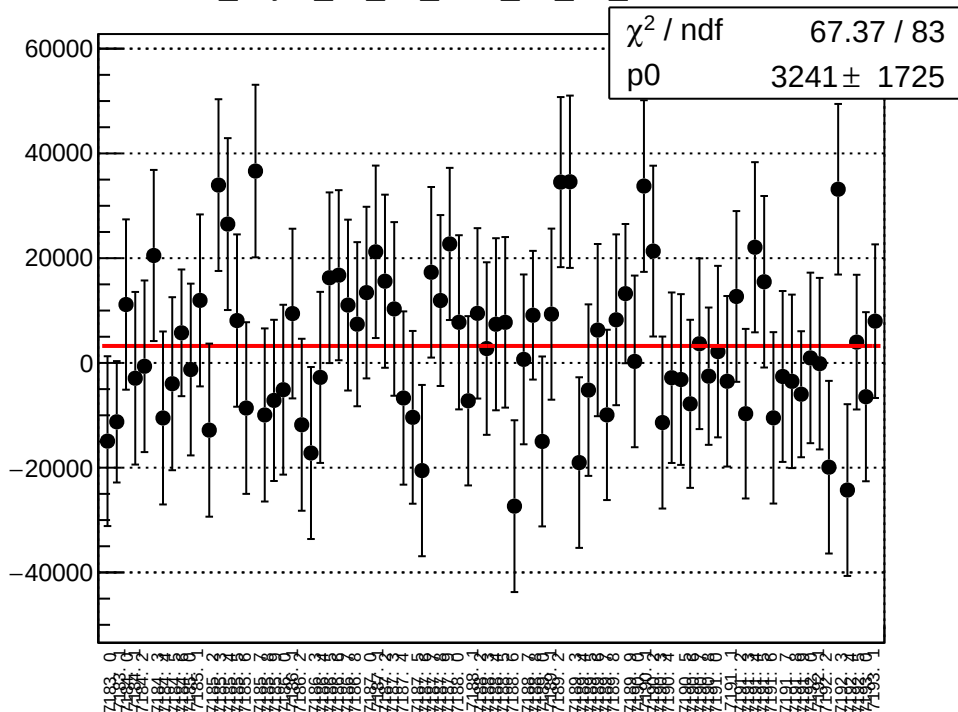
asym_us_dd_at2lr_dd_dd_reg_correction_mean vs run



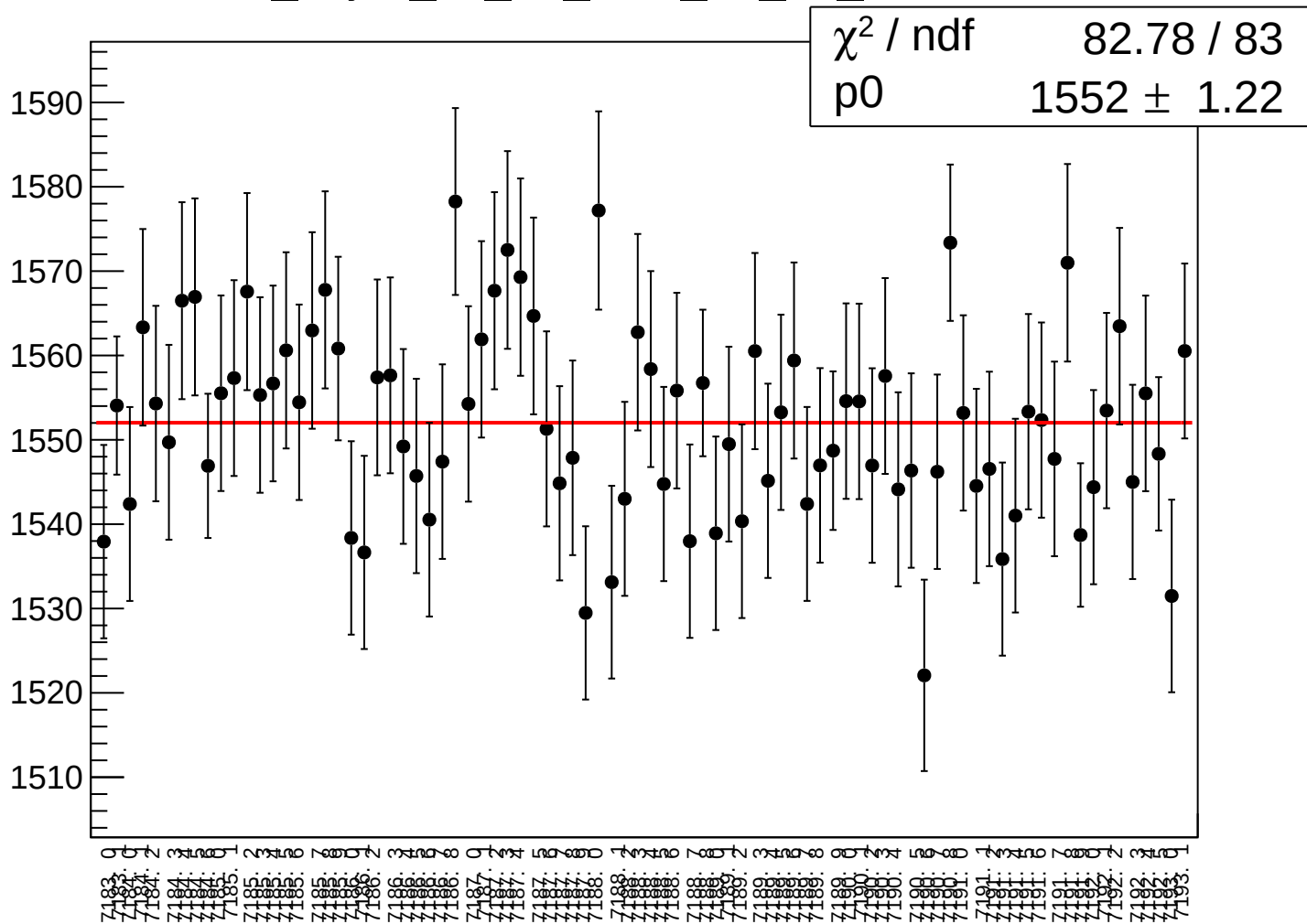
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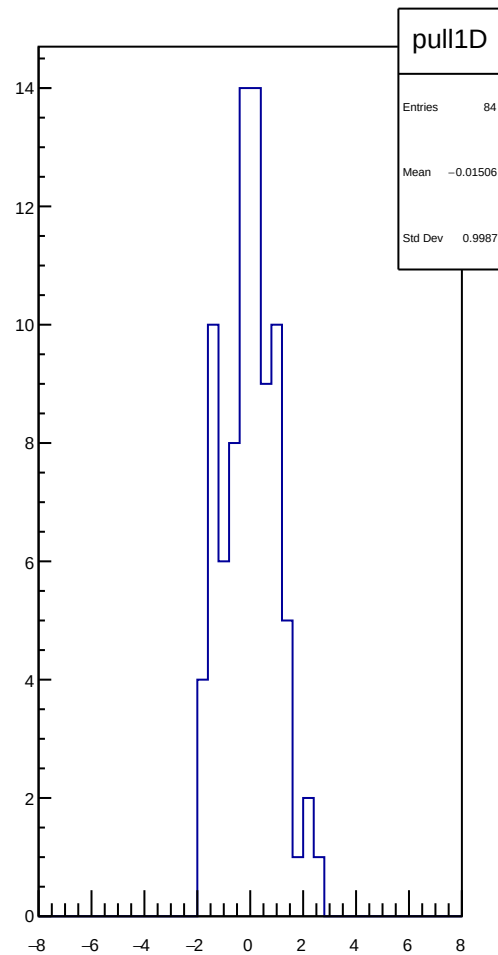
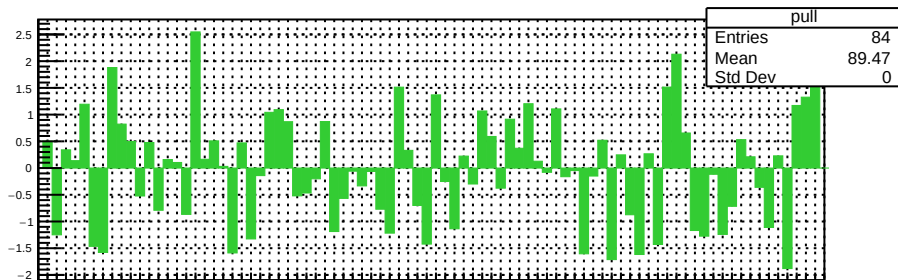
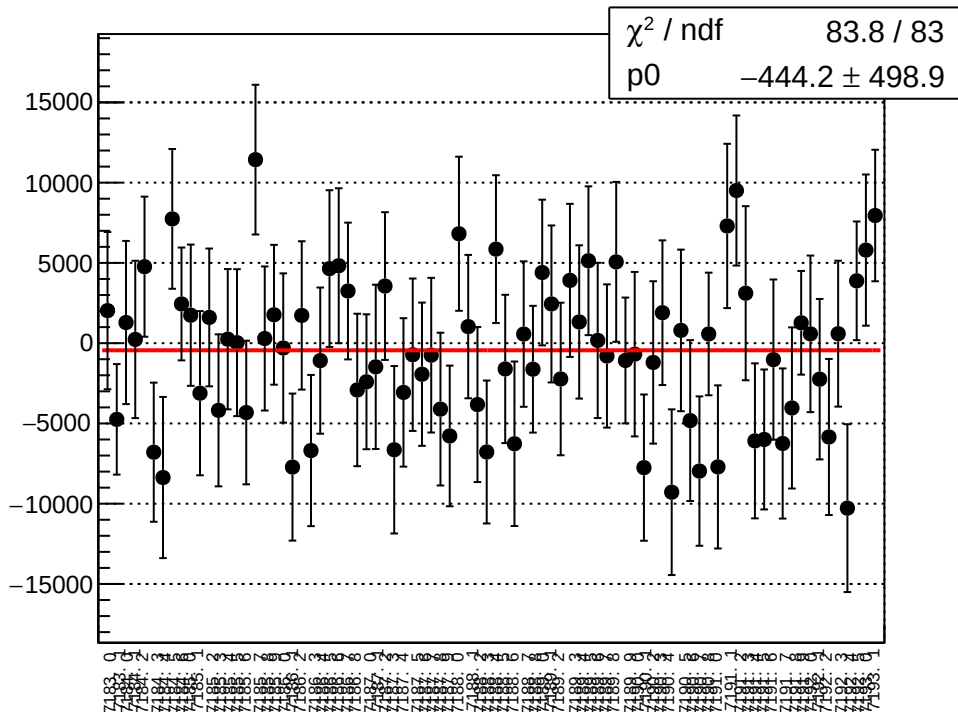
cor_asym_us_dd_at2lr_dd_dd_mean vs run



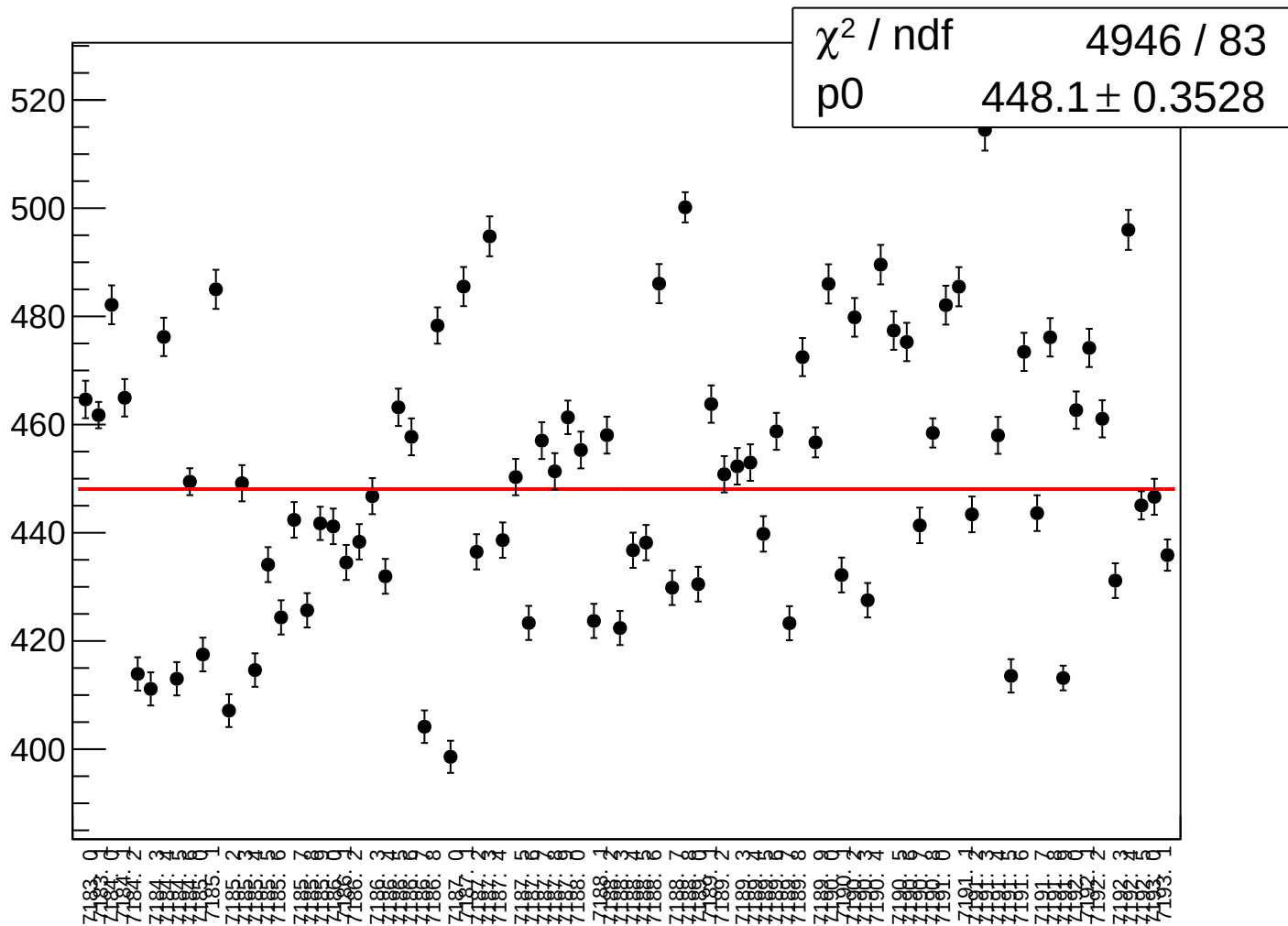
cor_asym_us_dd_at2lr_dd_dd_rms vs run



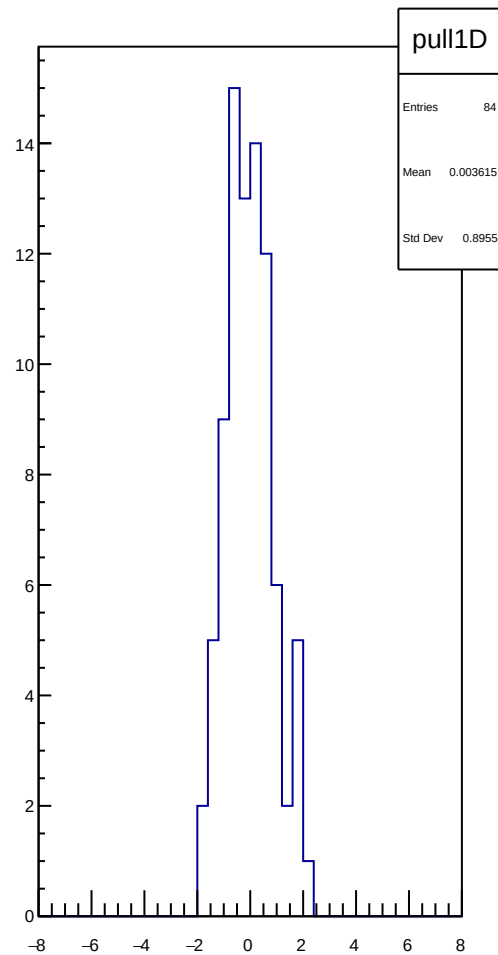
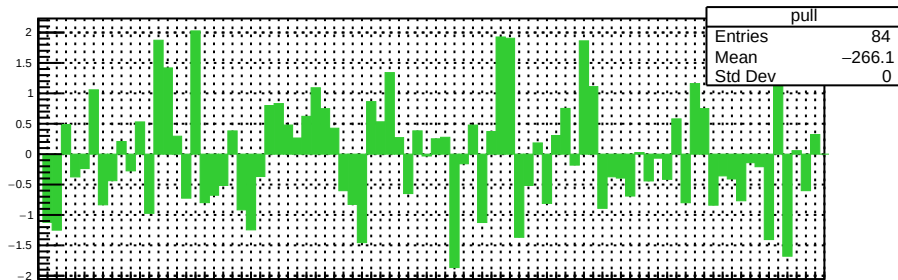
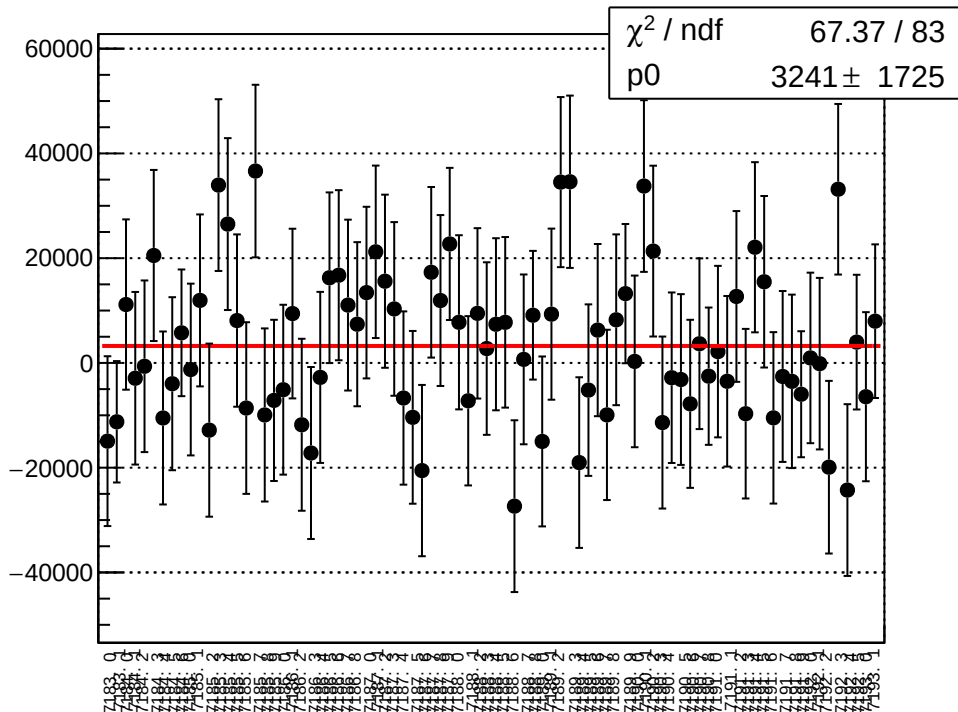
asym_us_dd_at2lr_dd_dd_cor_correction_mean vs run



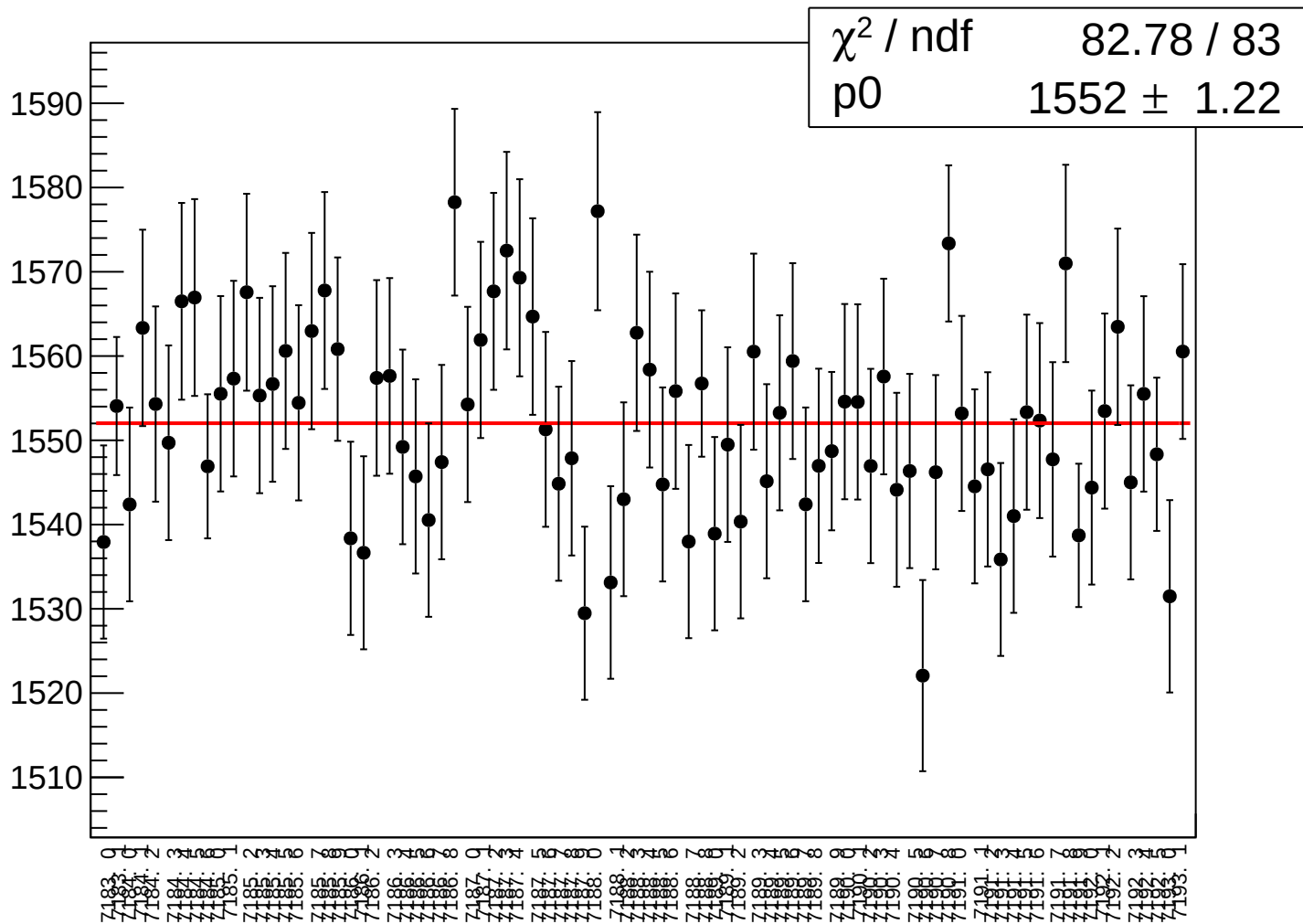
asym_us_dd_at2lr_dd_dd_cor_correction_rms vs run



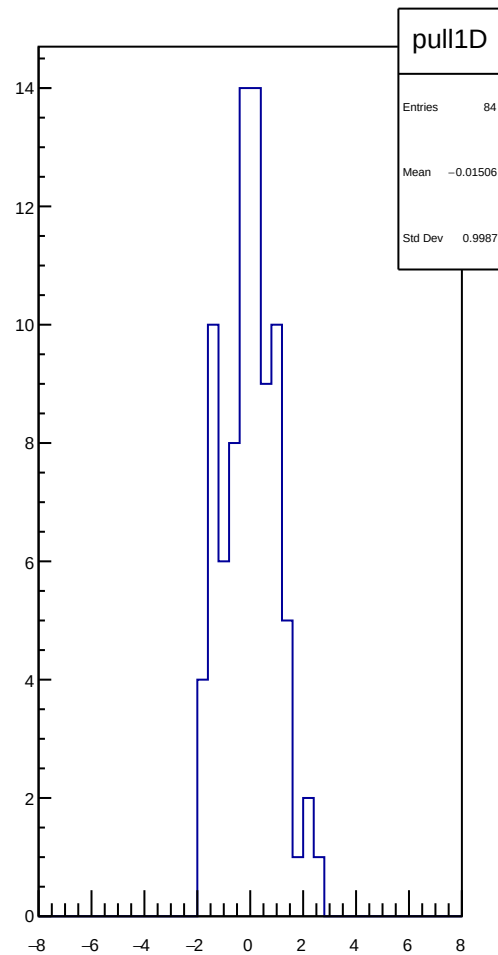
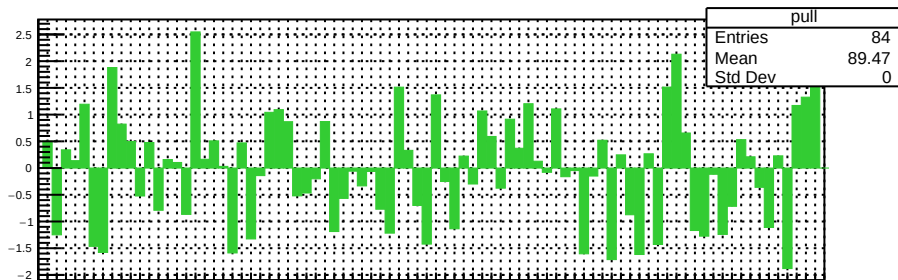
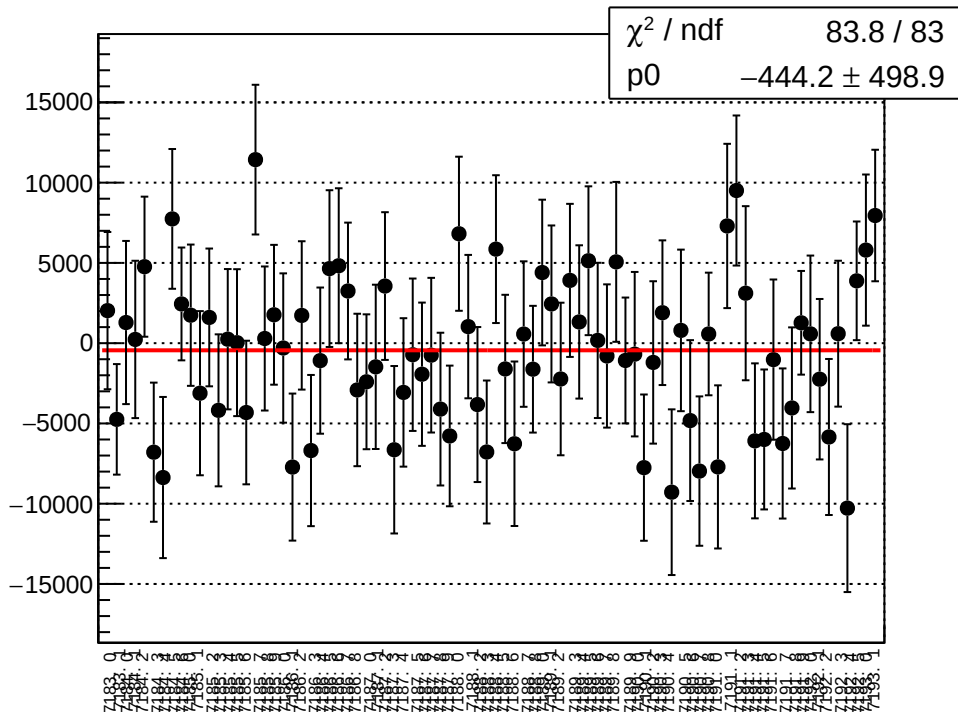
eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs run



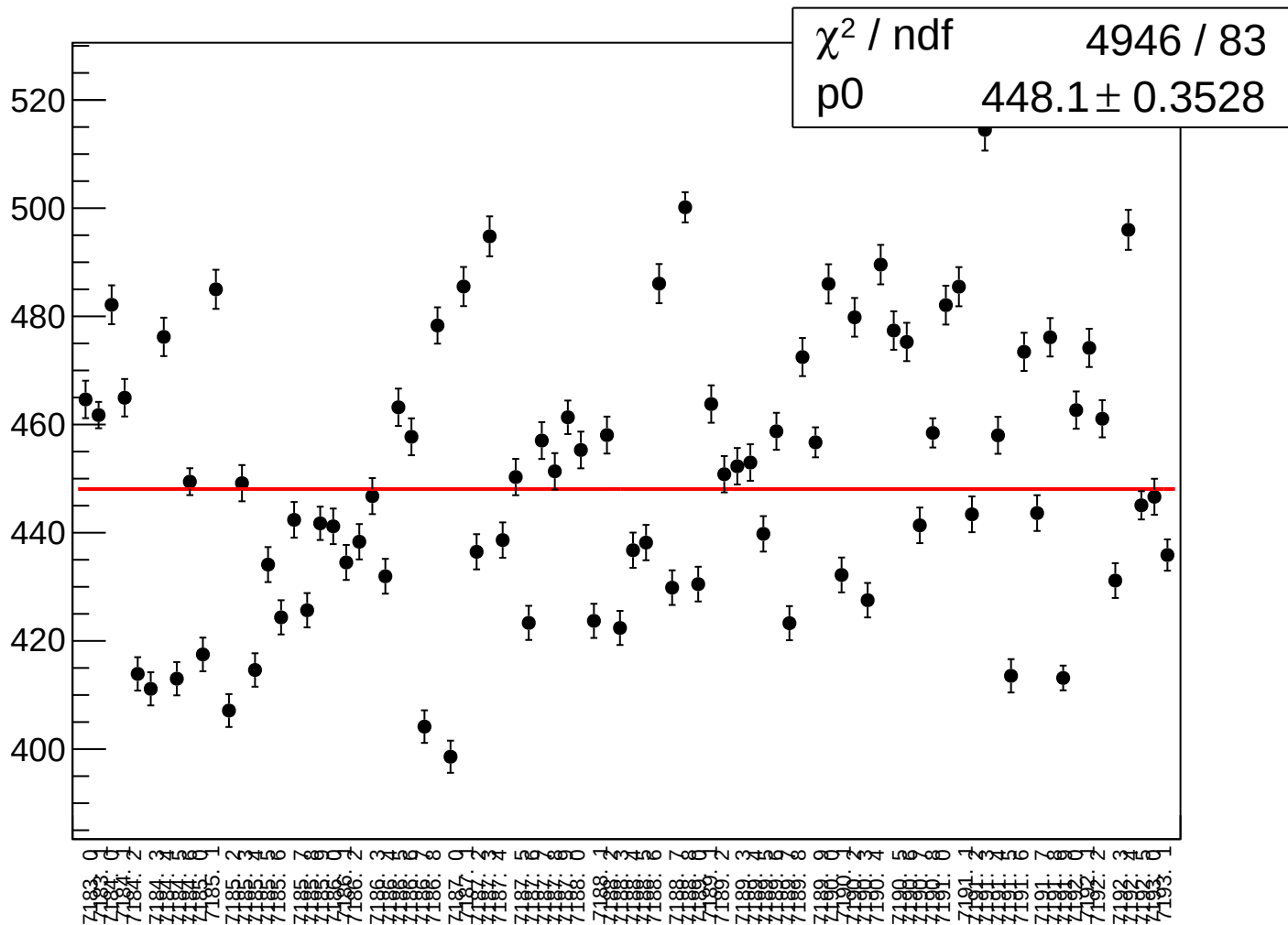
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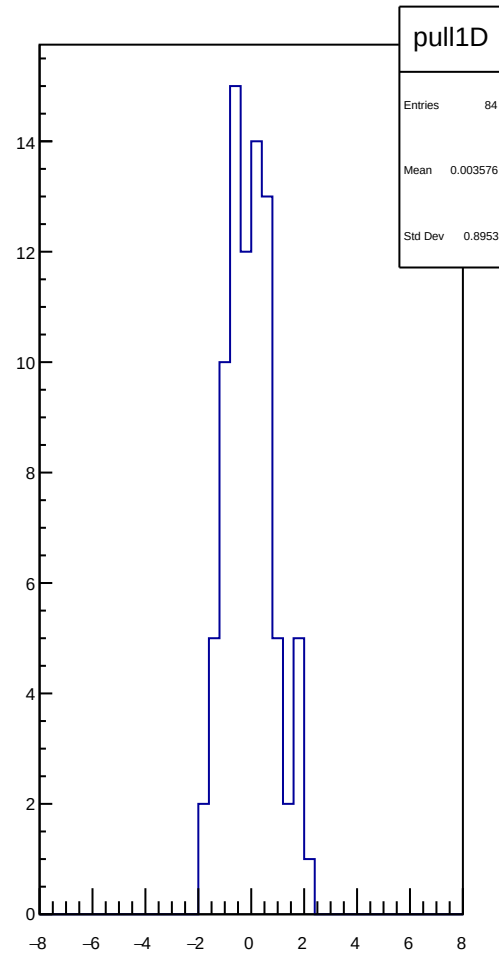
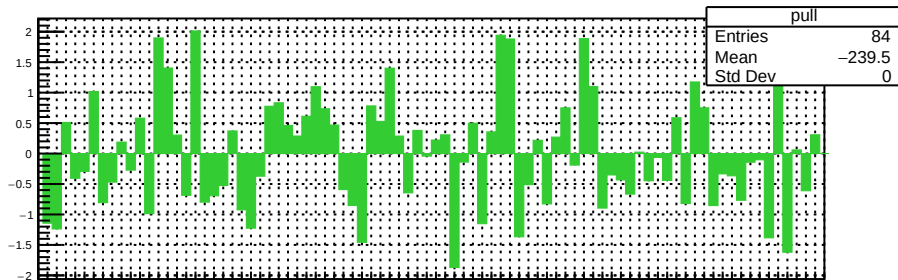
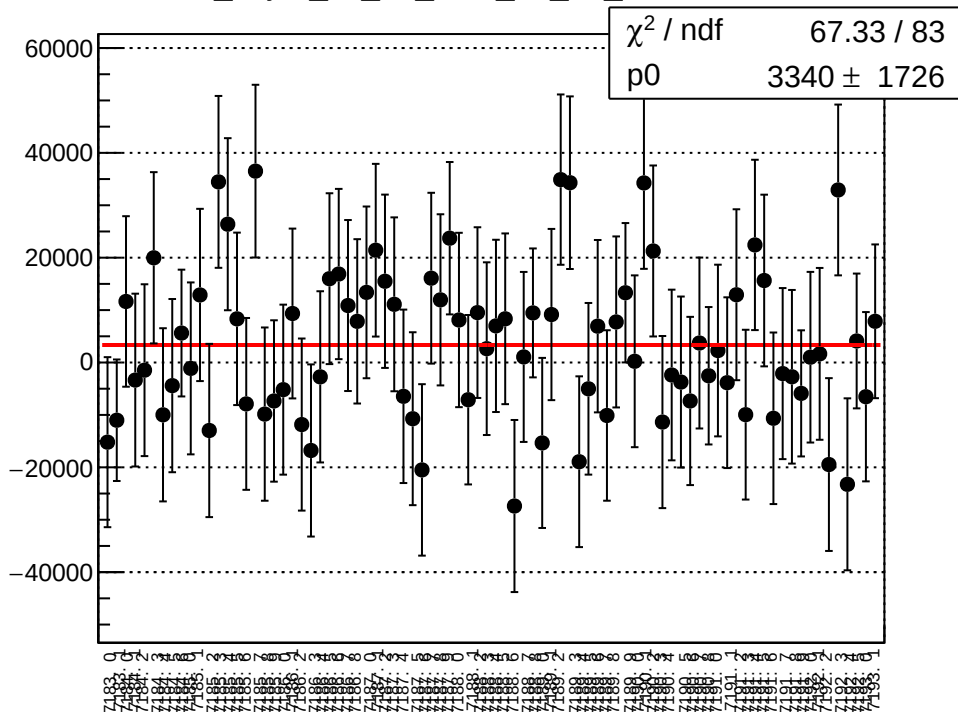
asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs run



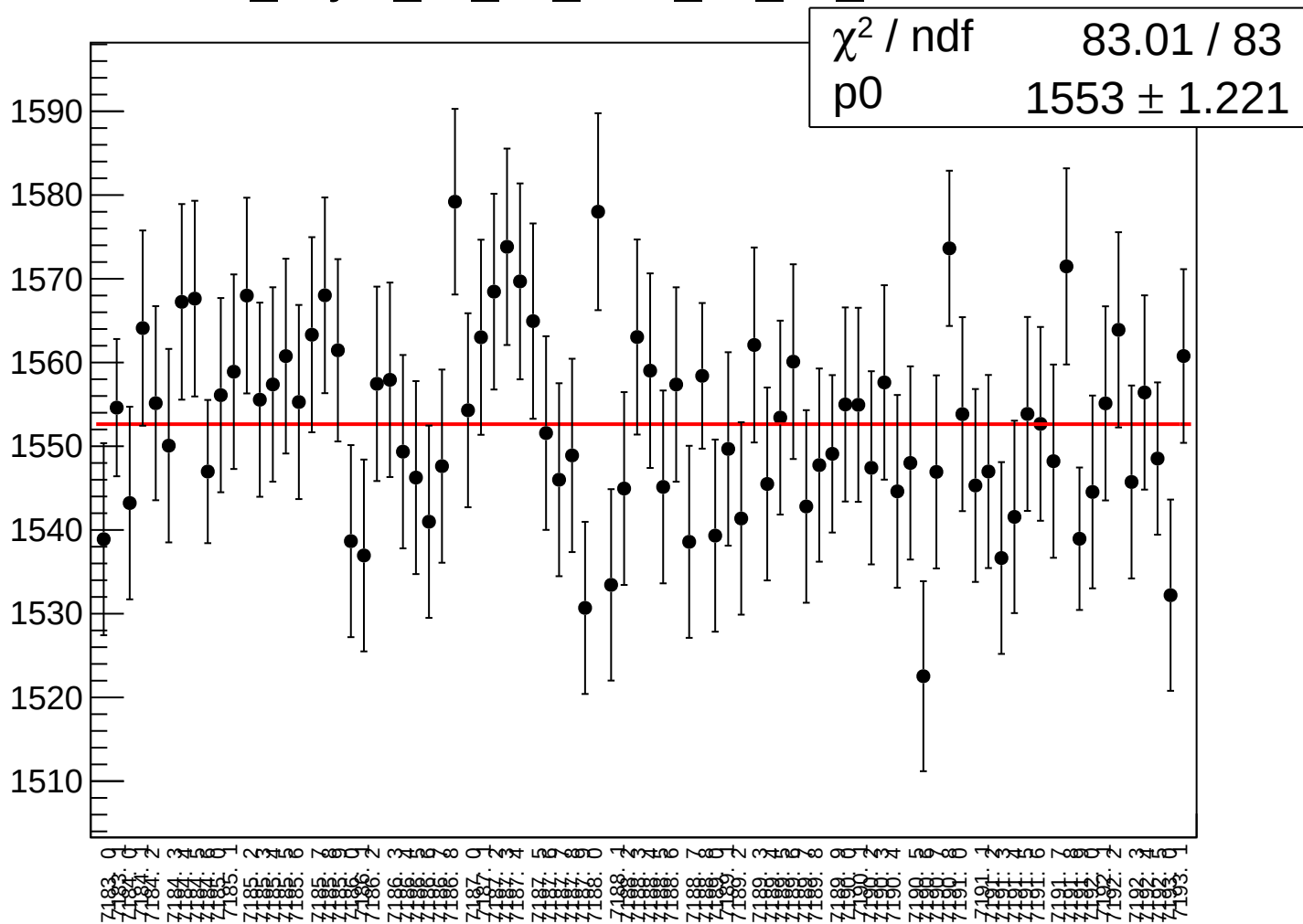
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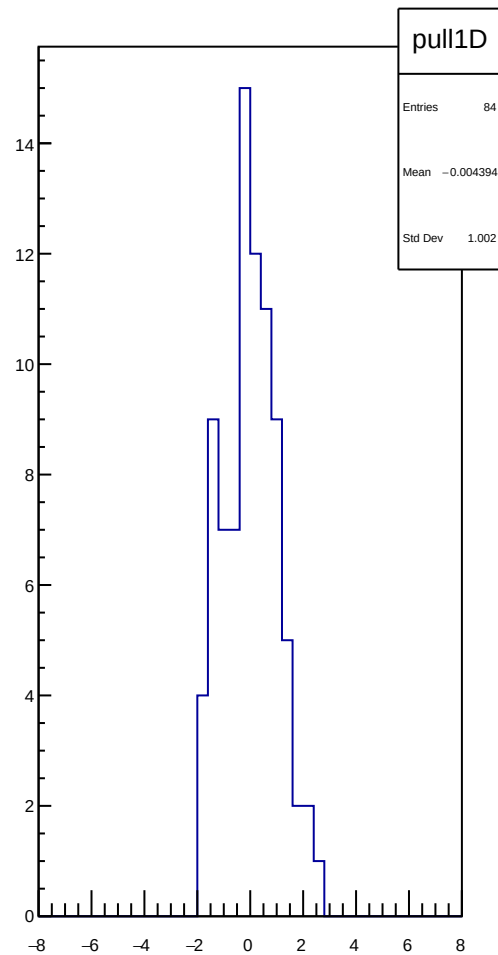
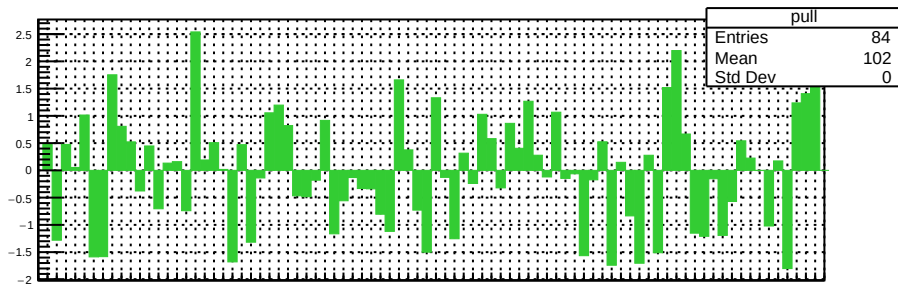
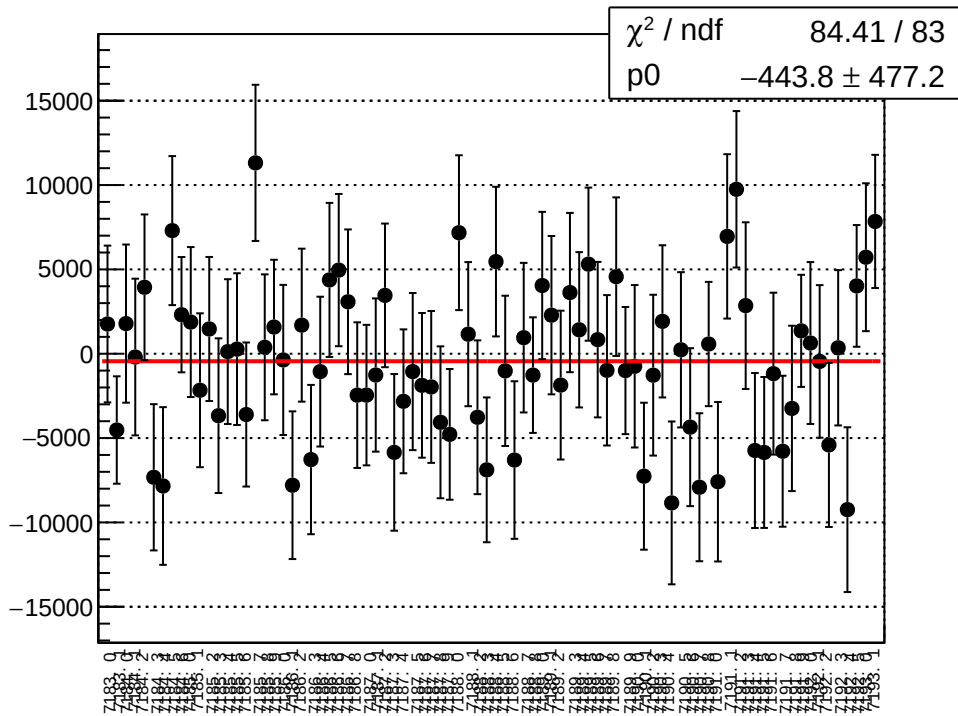
dit_asym_us_dd_at2lr_dd_dd_mean vs run



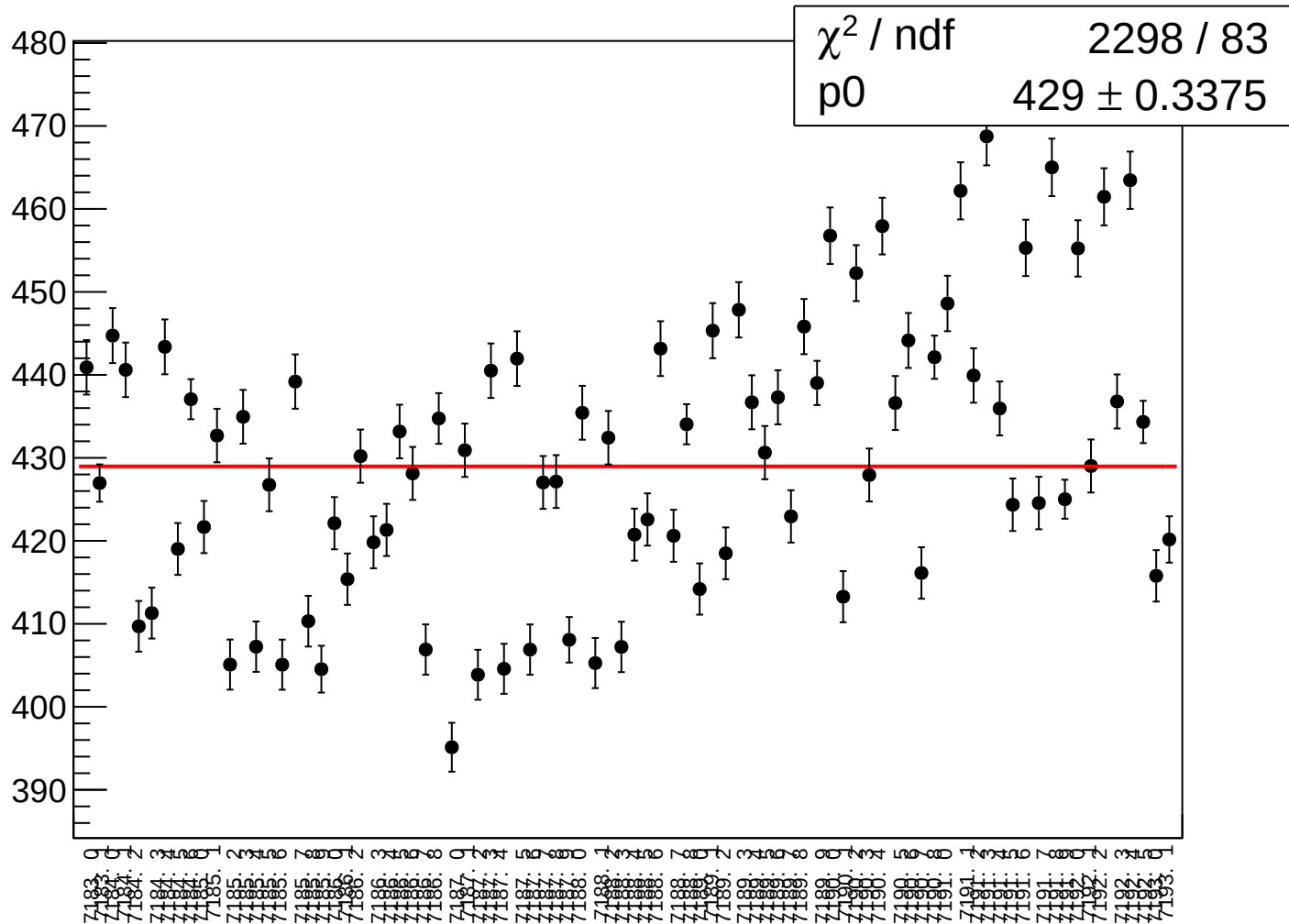
dit_asym_us_dd_at2lr_dd_dd_rms vs run



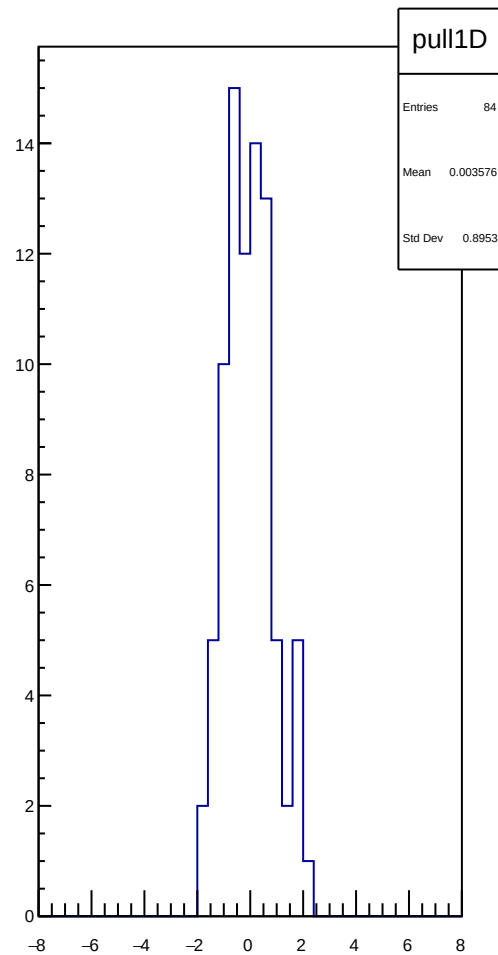
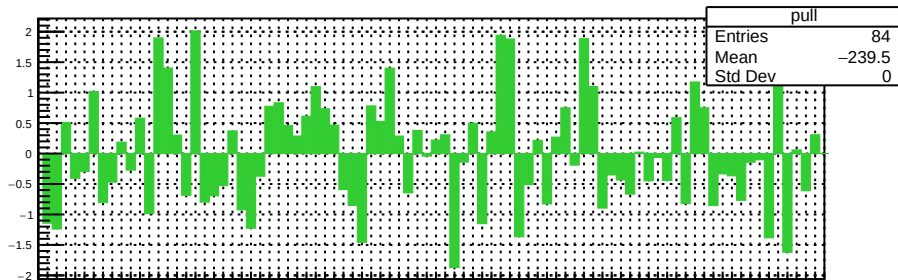
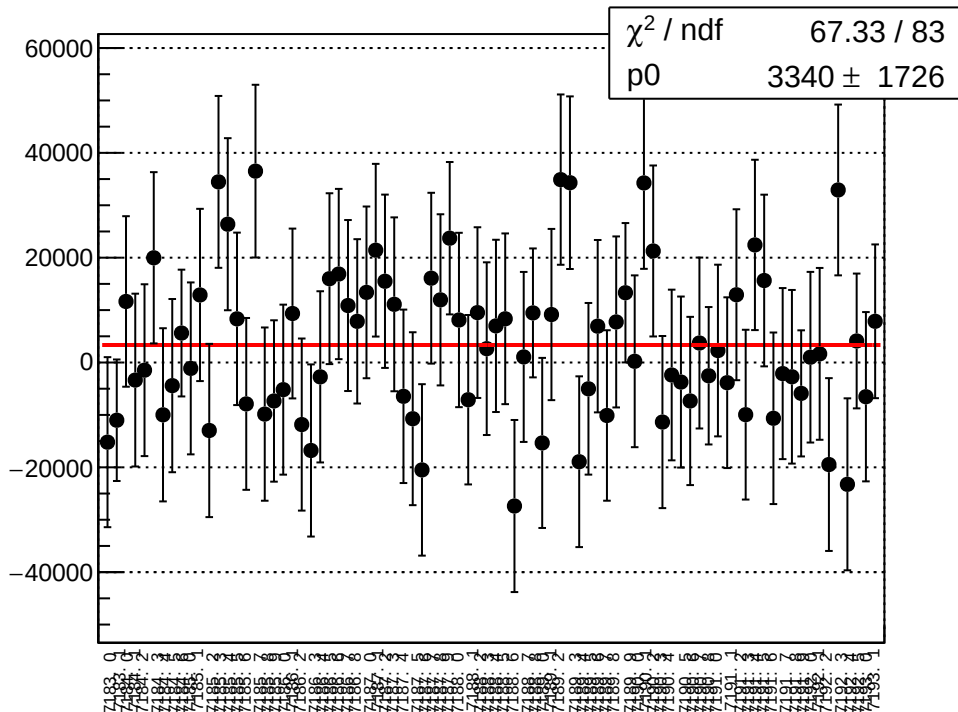
asym_us_dd_at2lr_dd_dd_dit_correction_mean vs run



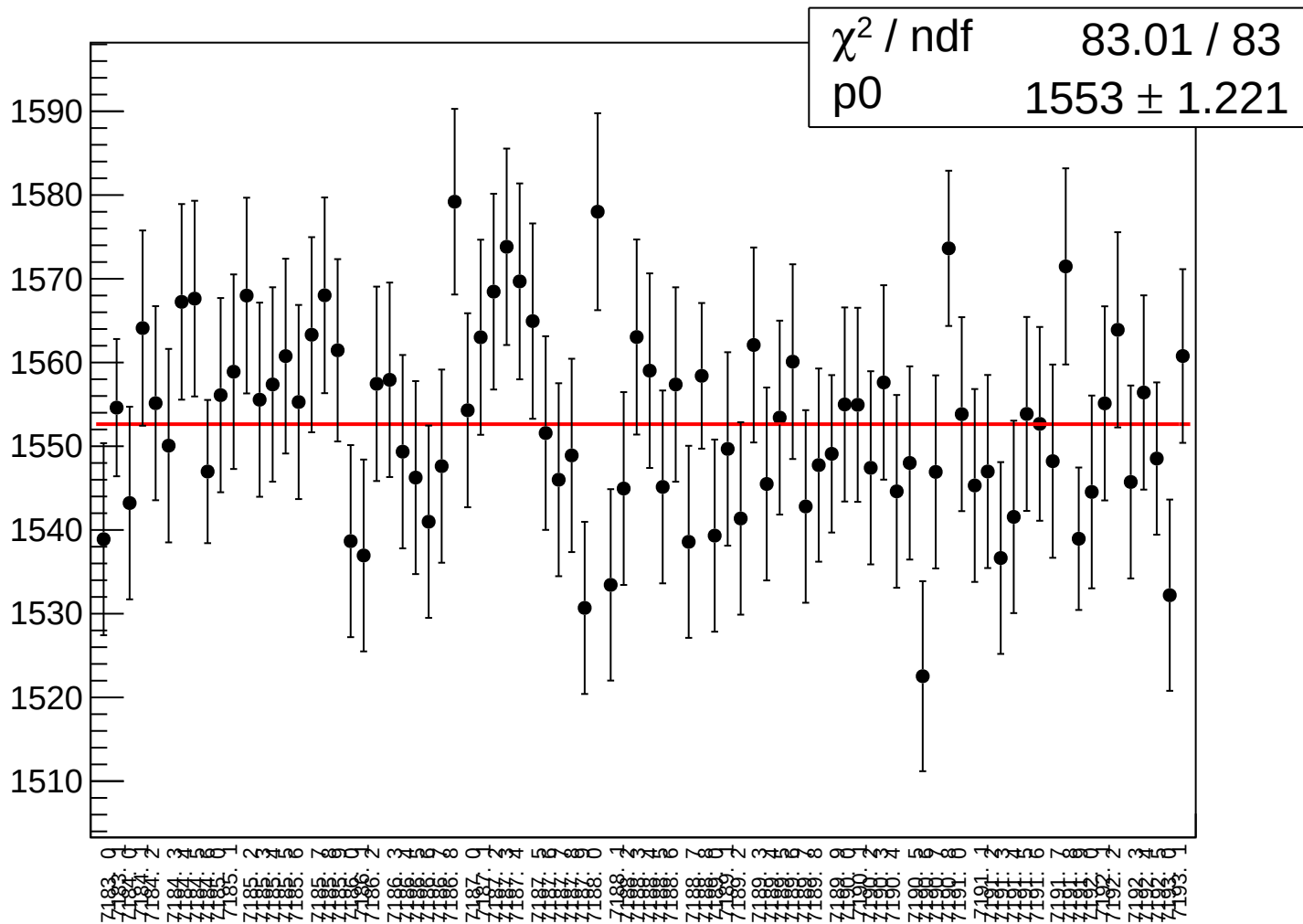
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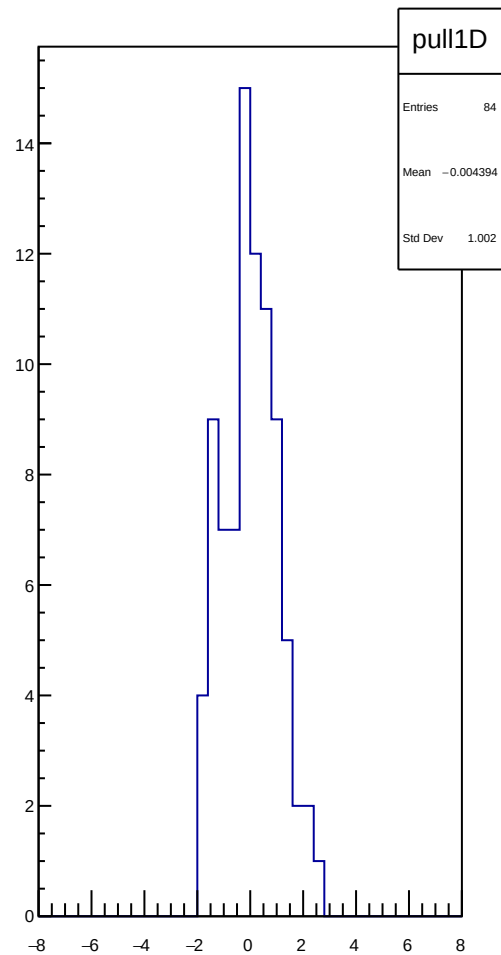
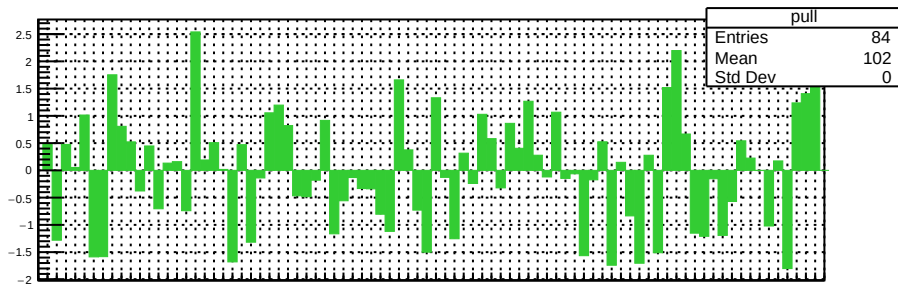
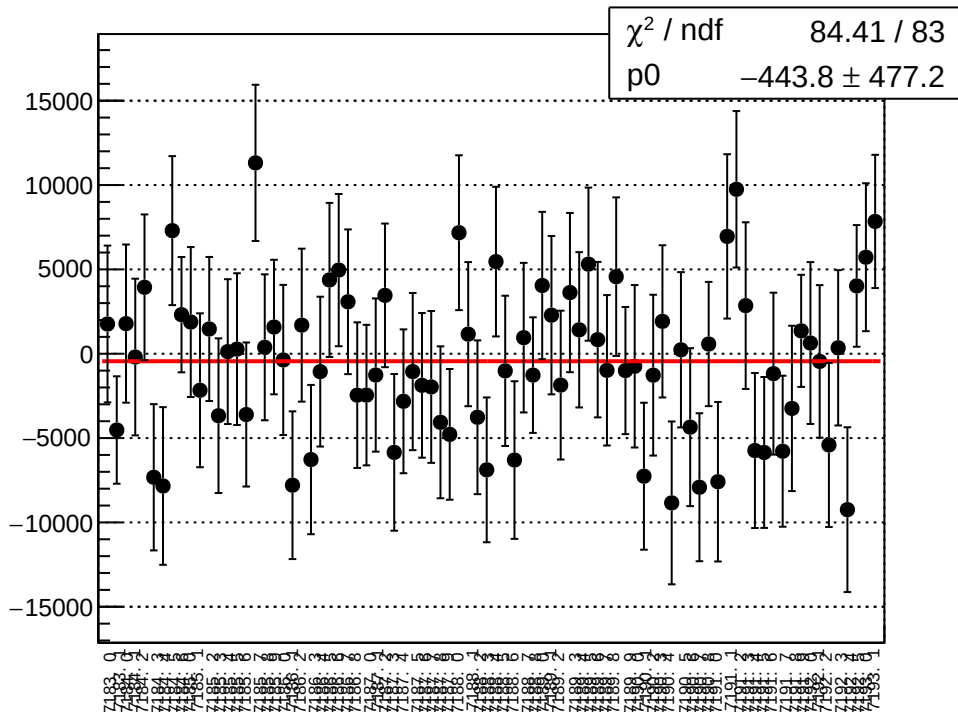
eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs run



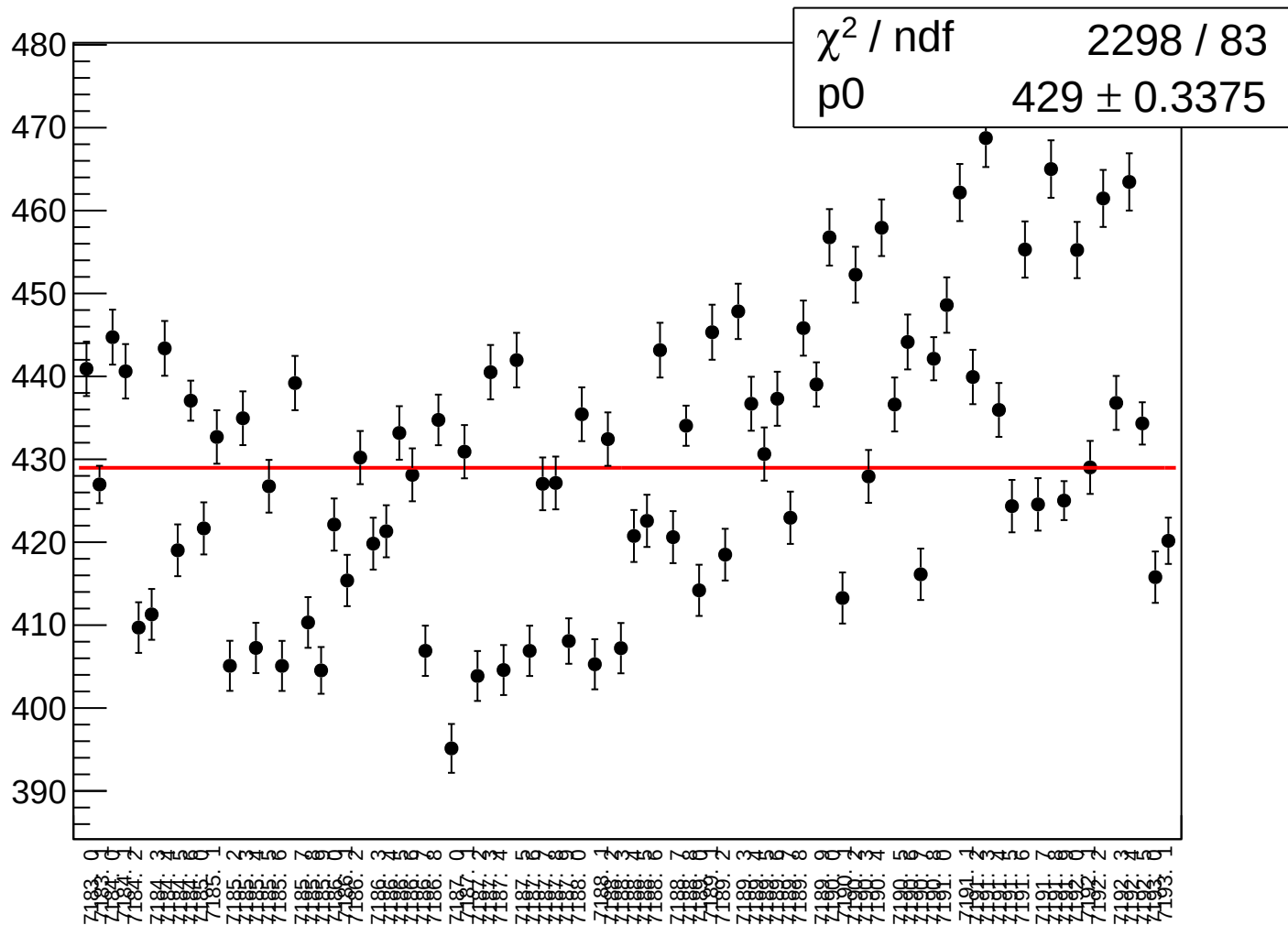
eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs run



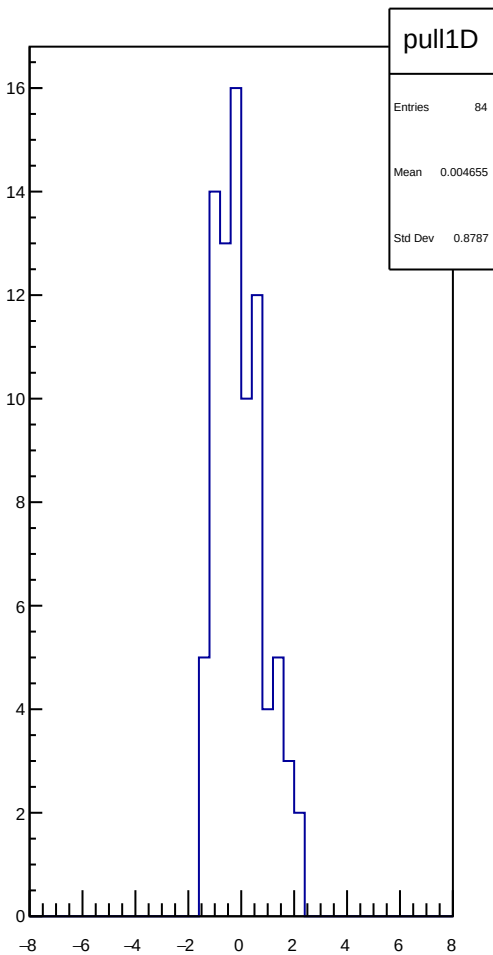
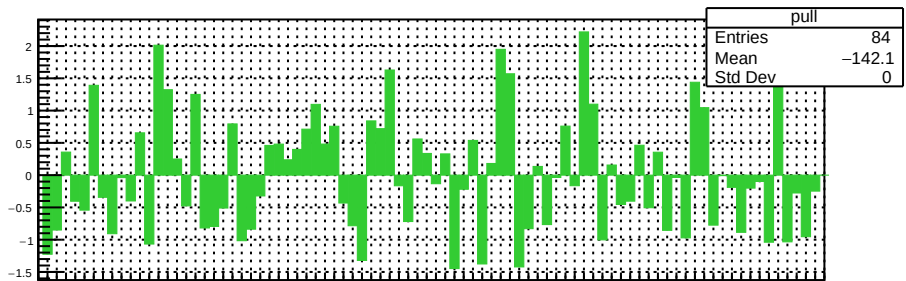
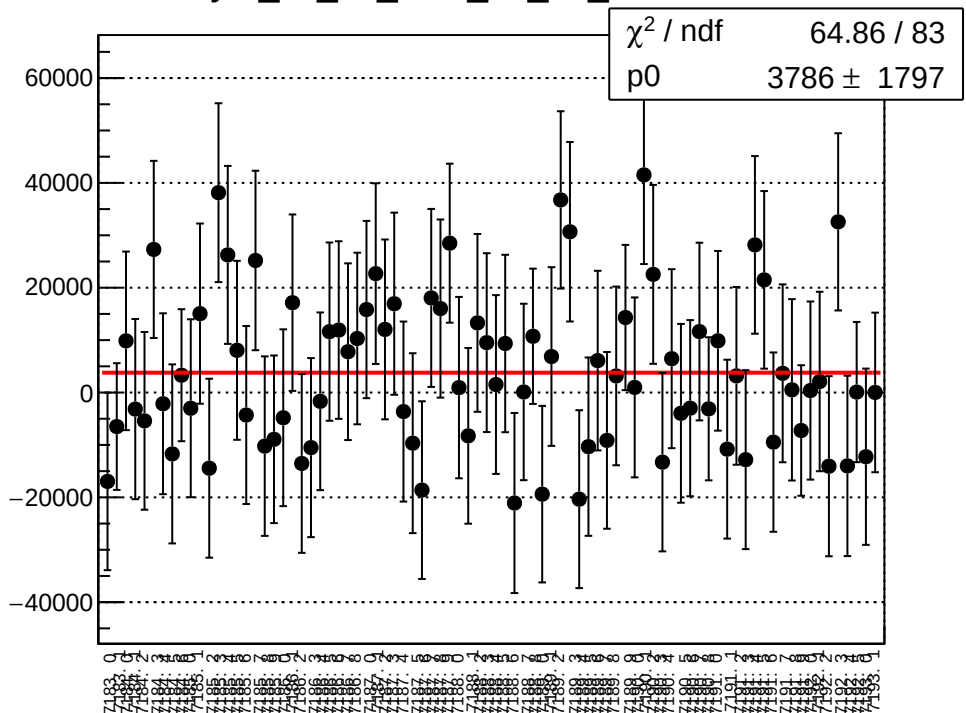
asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs run



asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs run



asym_us_dd_at2lr_dd_dd_mean vs run



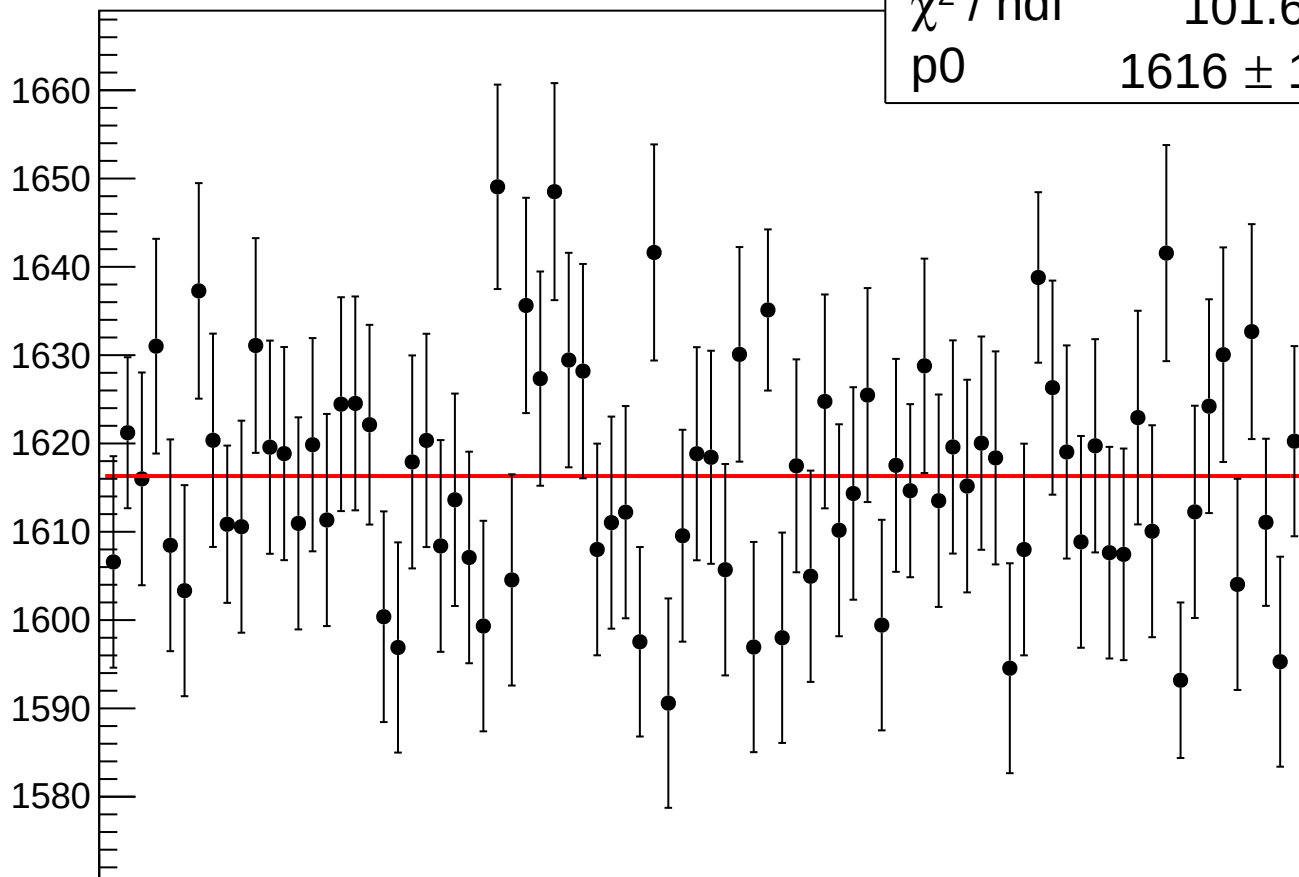
asym_us_dd_at2lr_dd_dd_rms vs run

χ^2 / ndf

101.6 / 83

p0

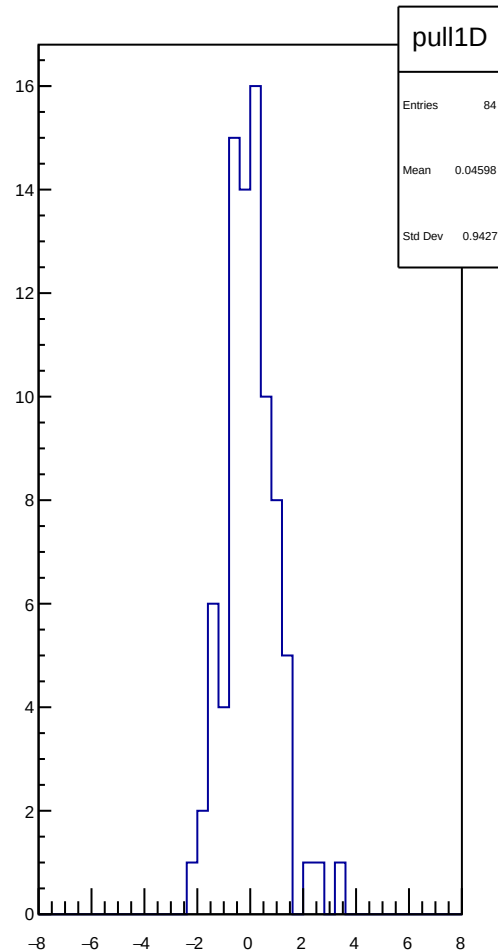
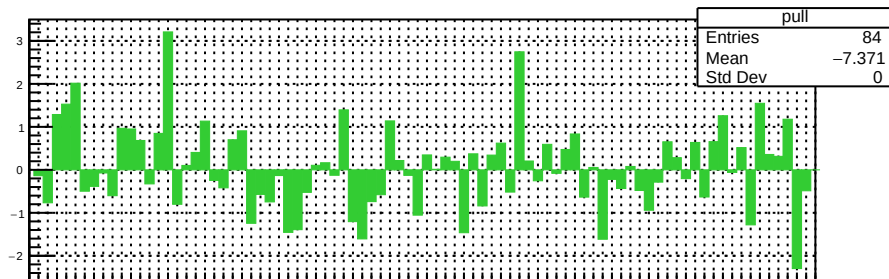
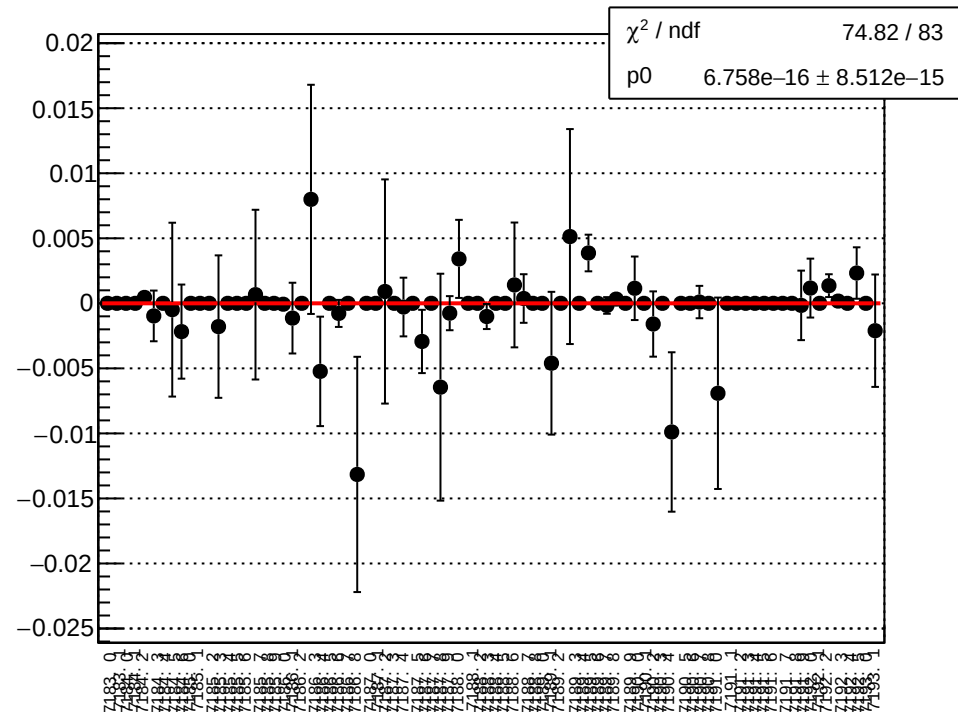
1616 ± 1.271



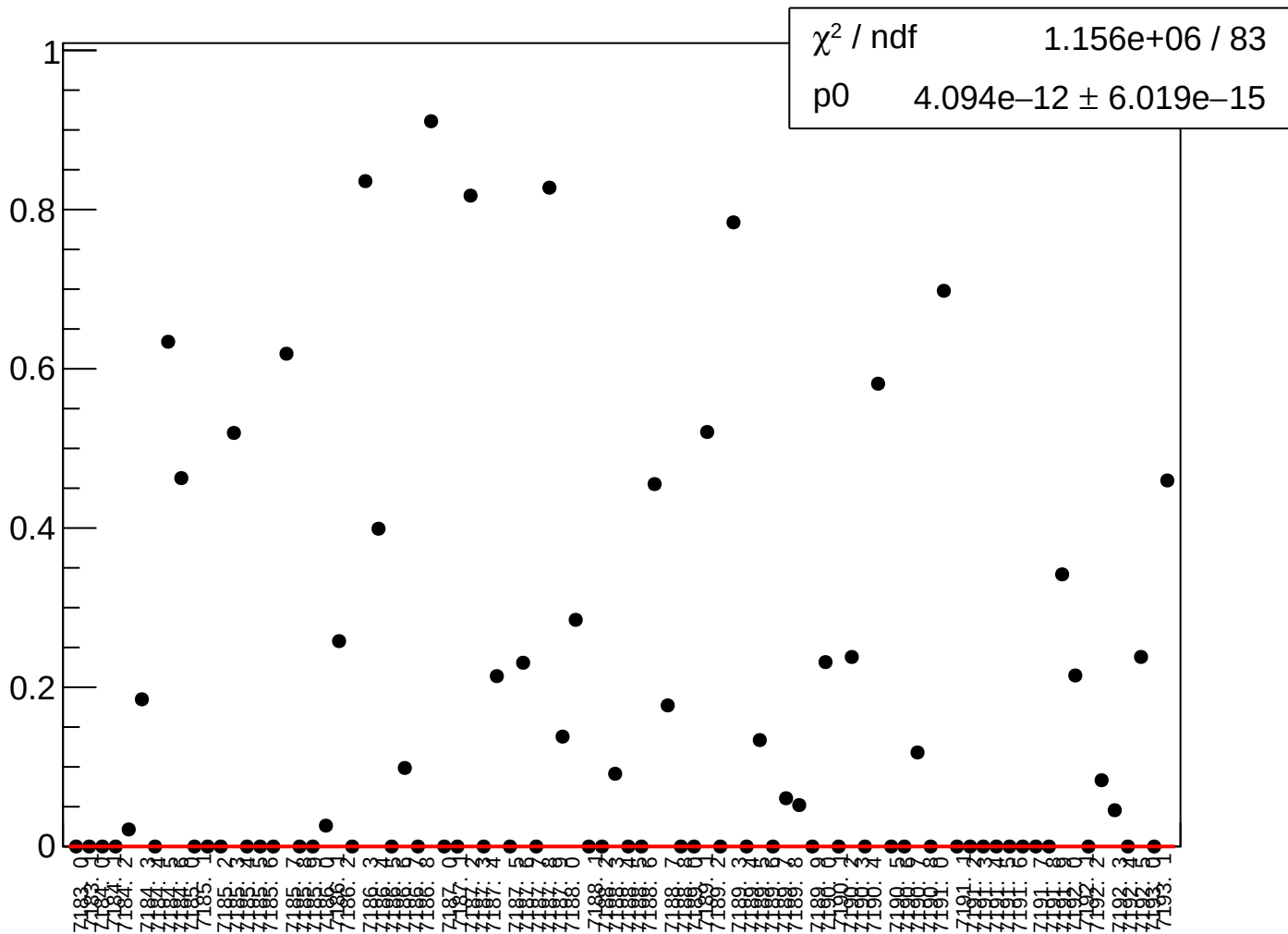
run

74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

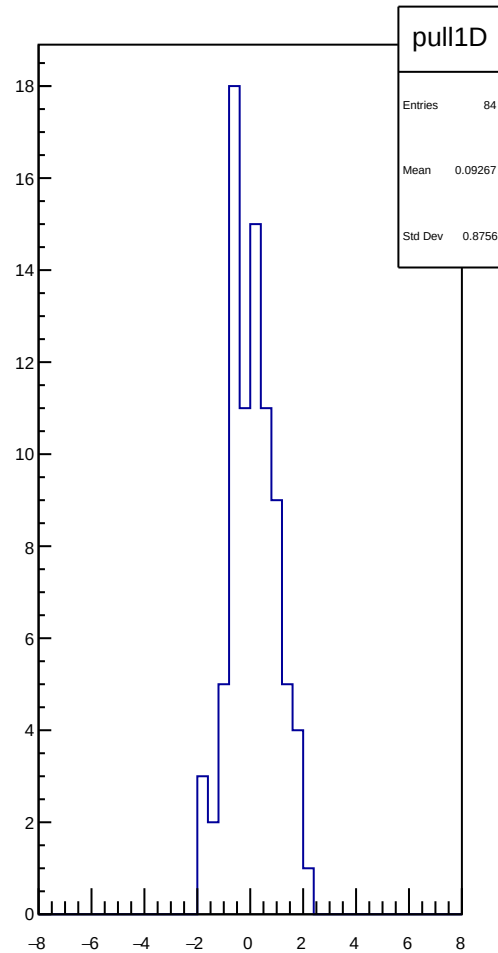
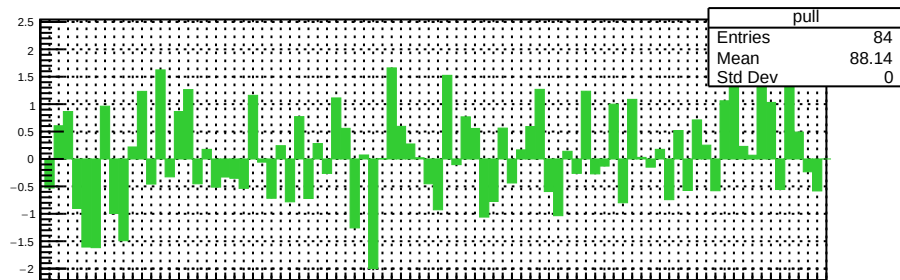
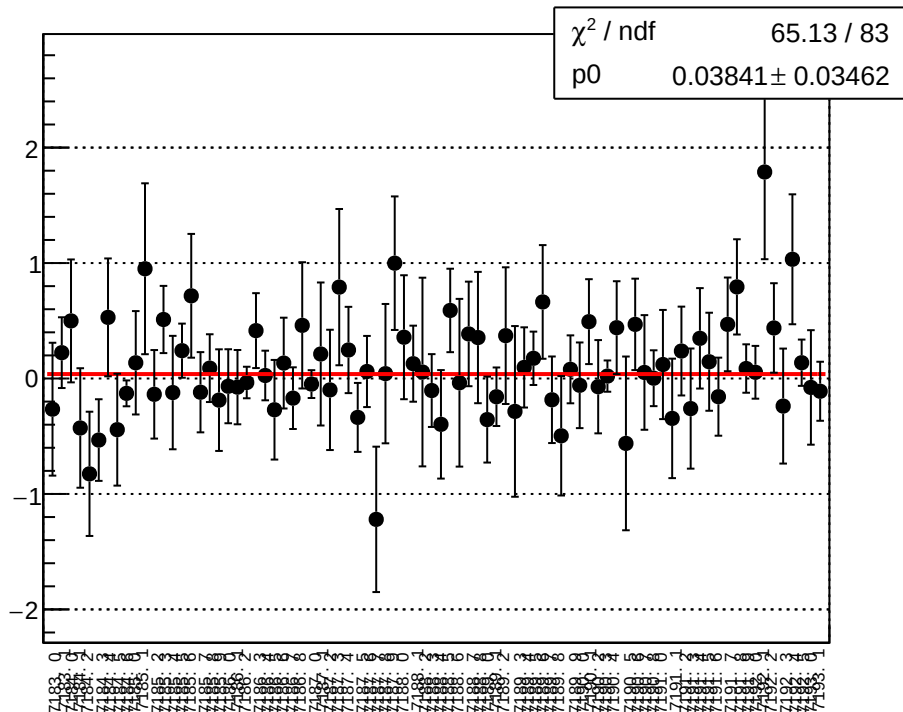
asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs run



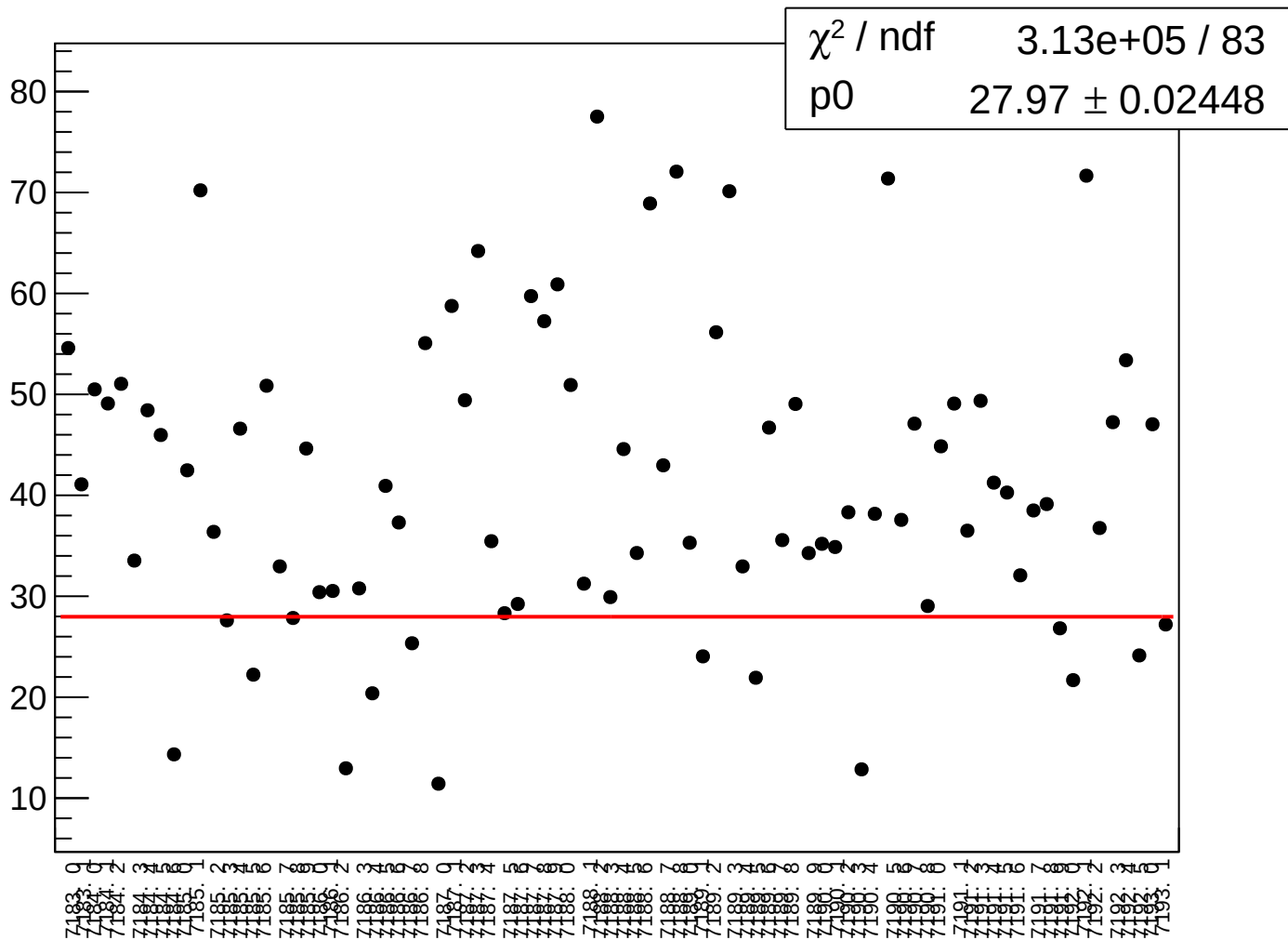
asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs run



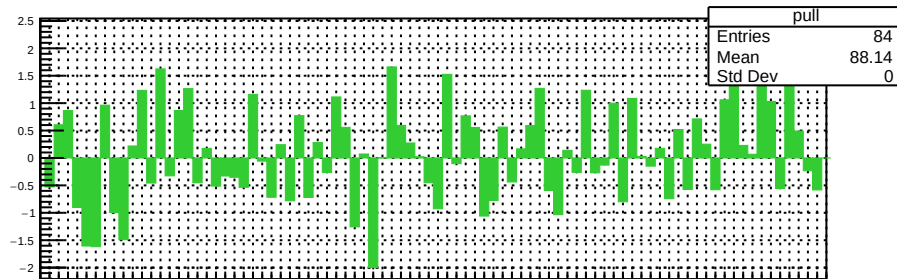
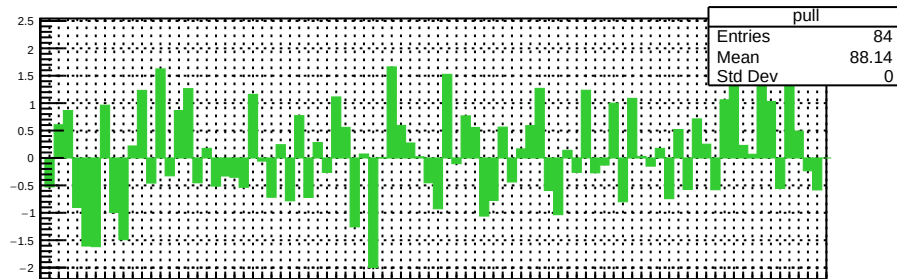
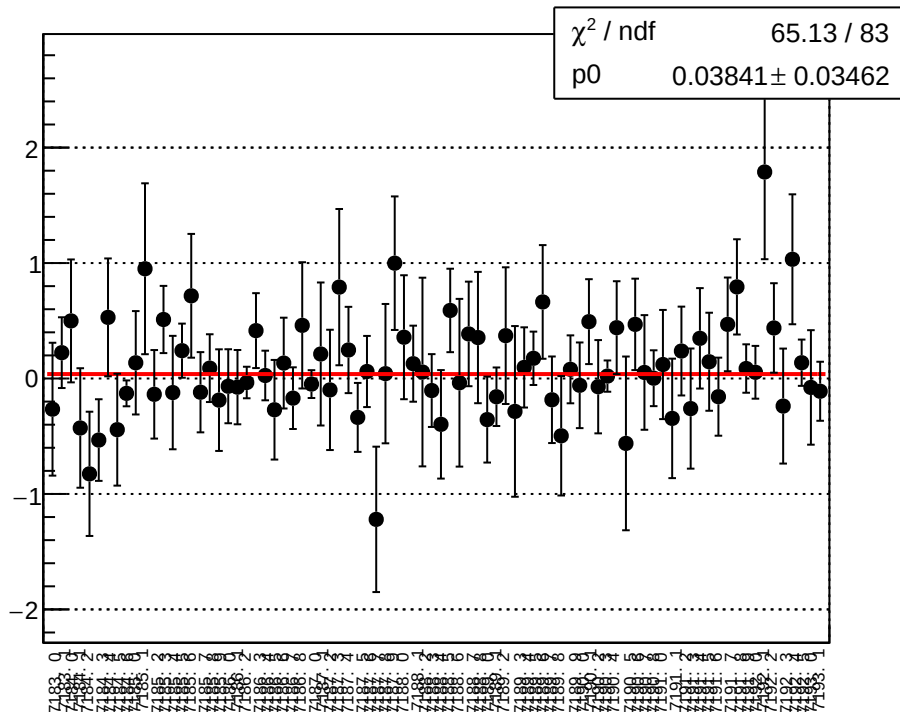
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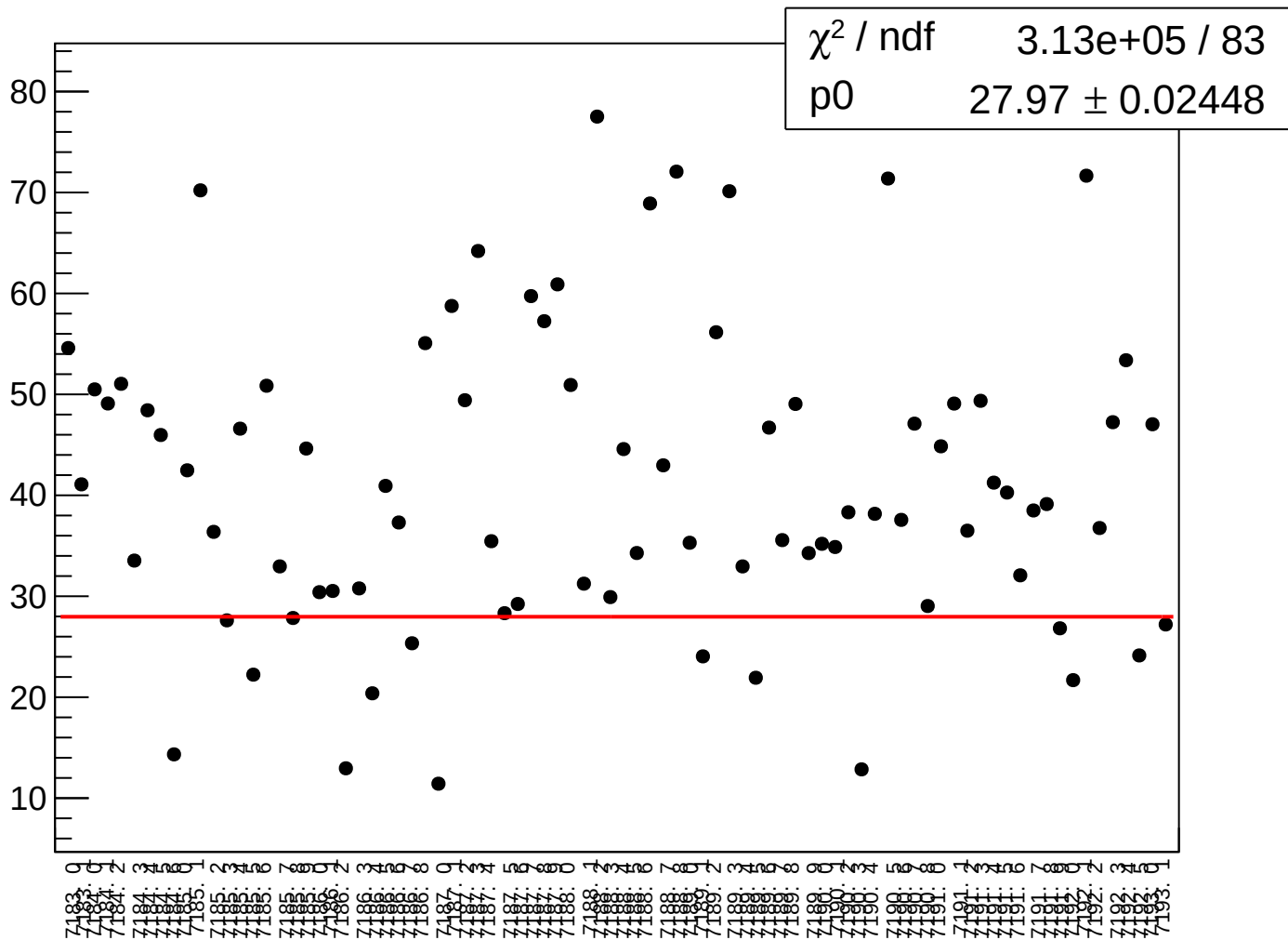
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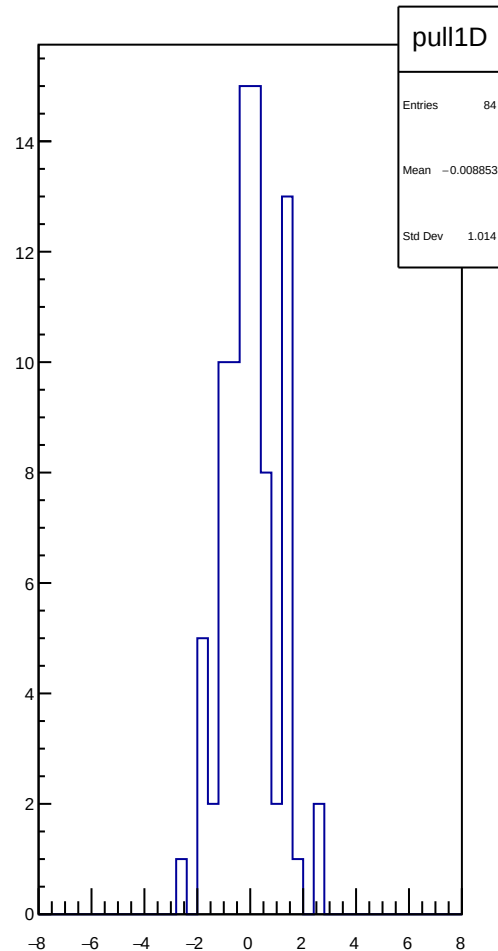
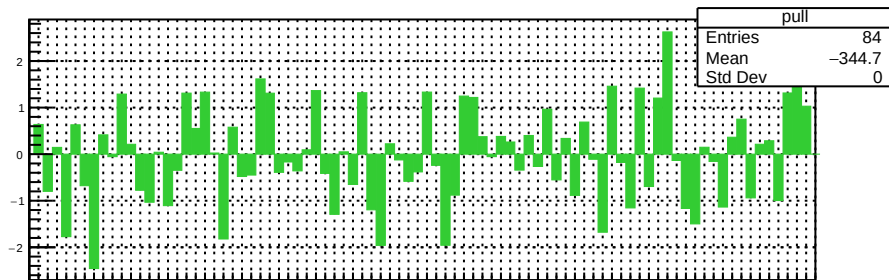
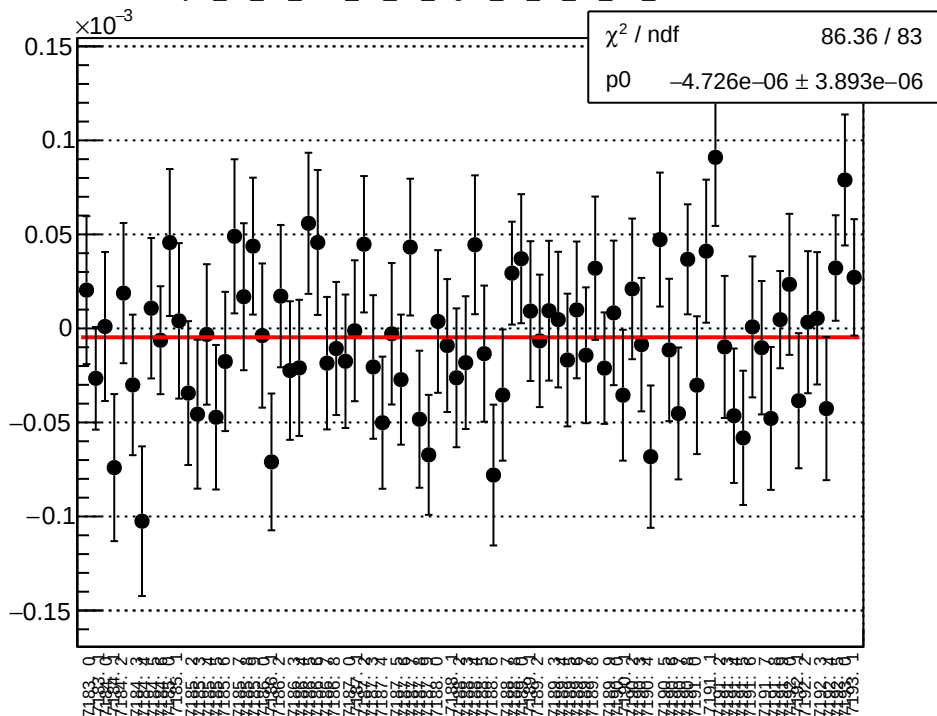
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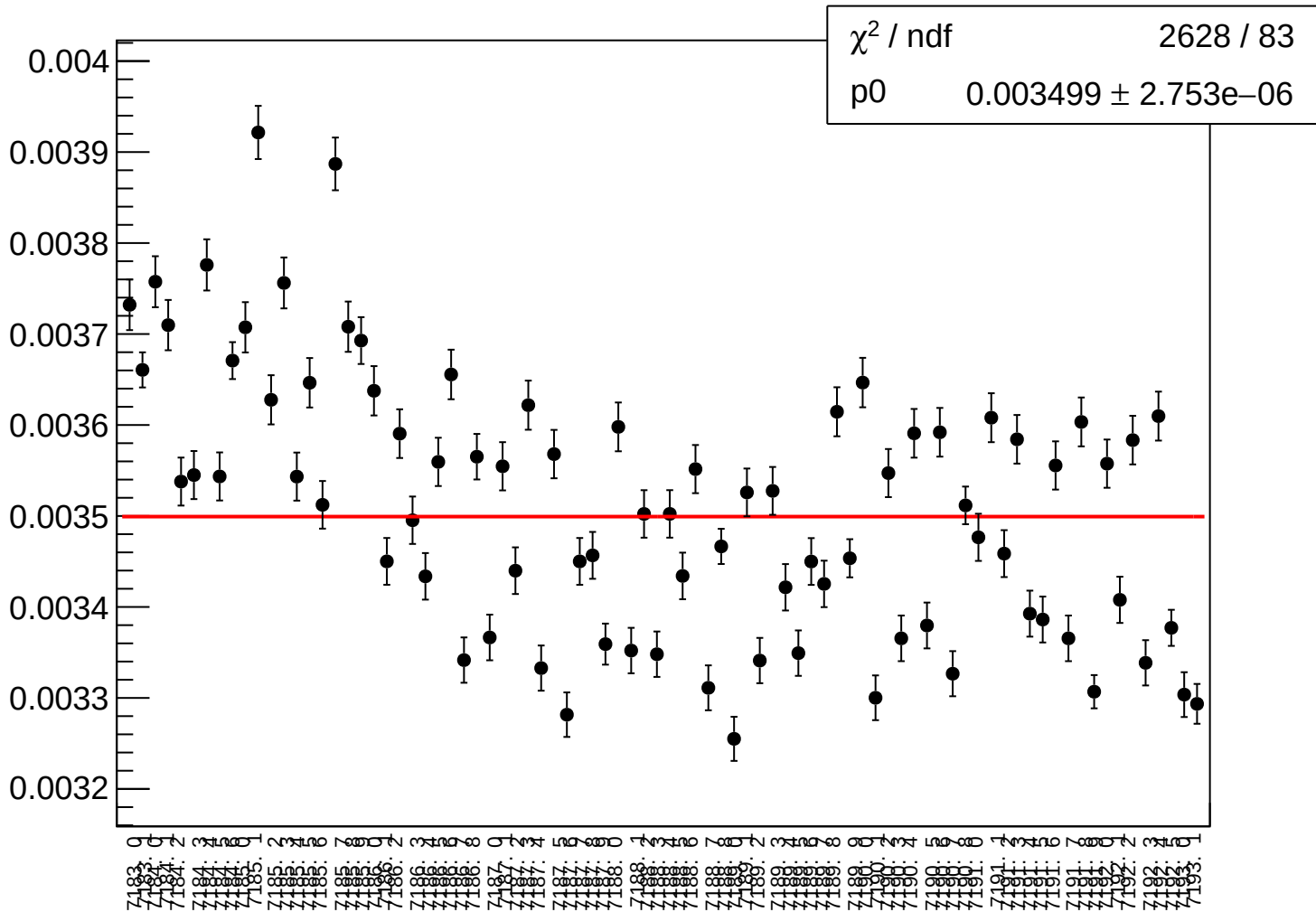
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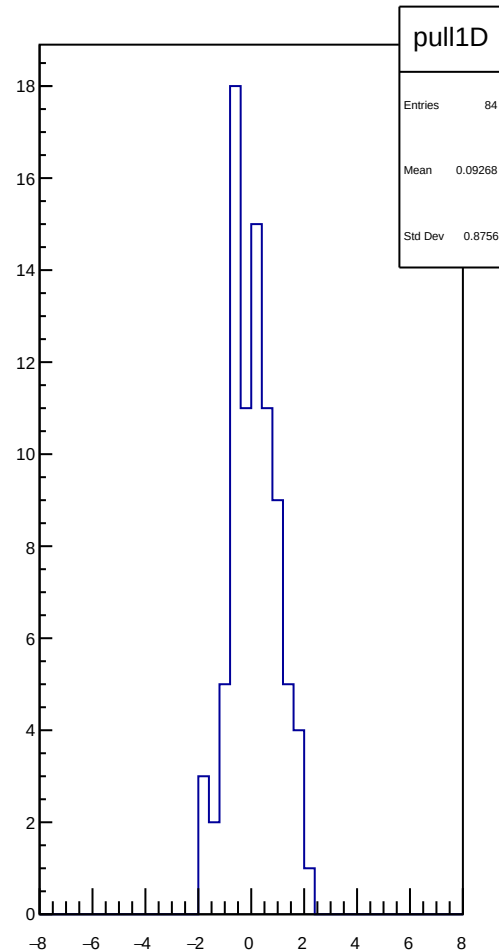
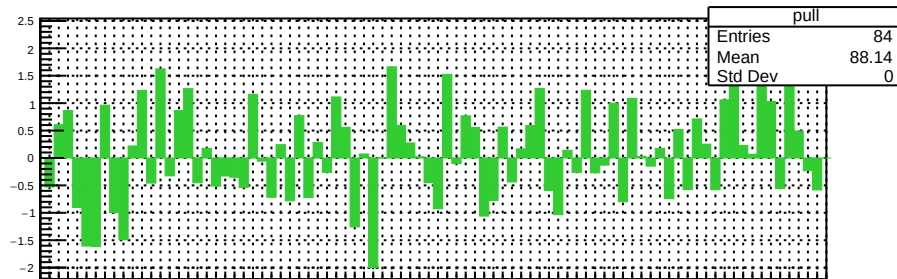
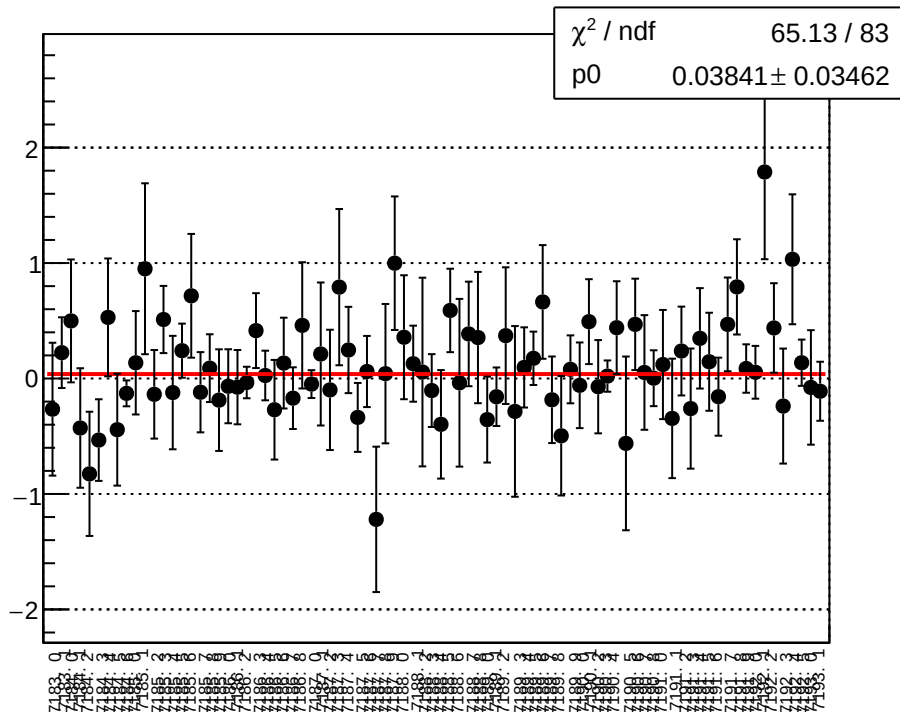
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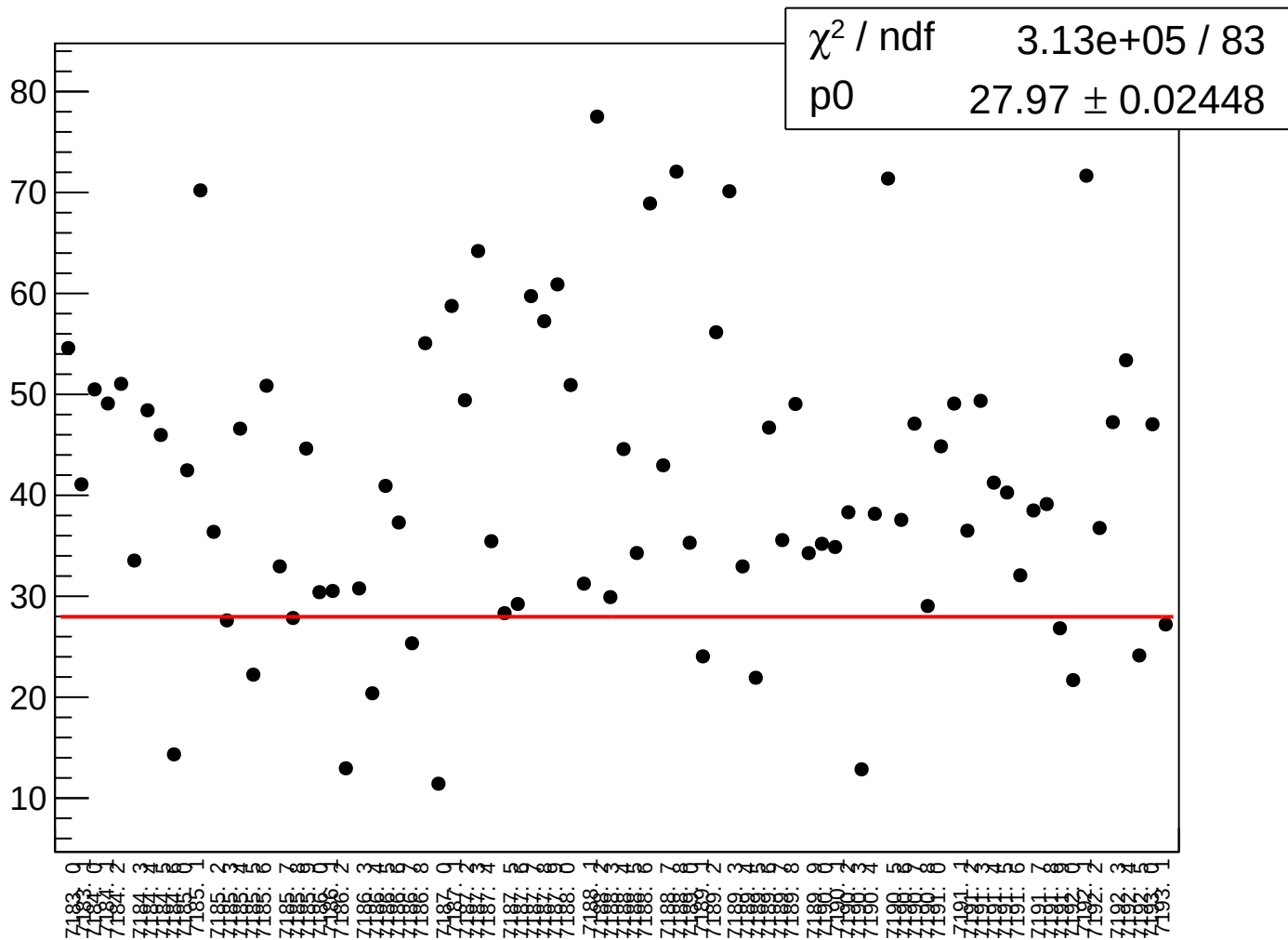
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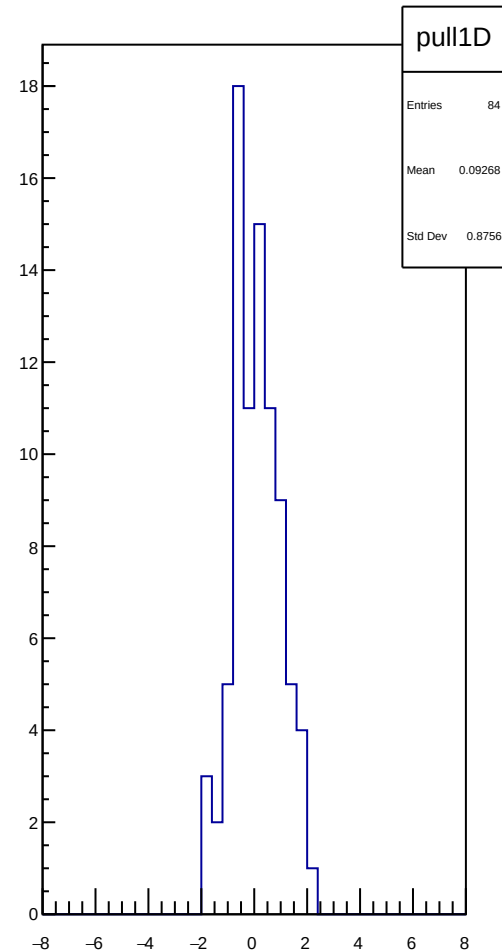
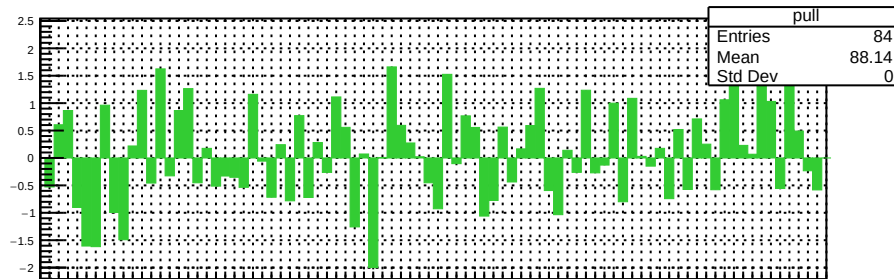
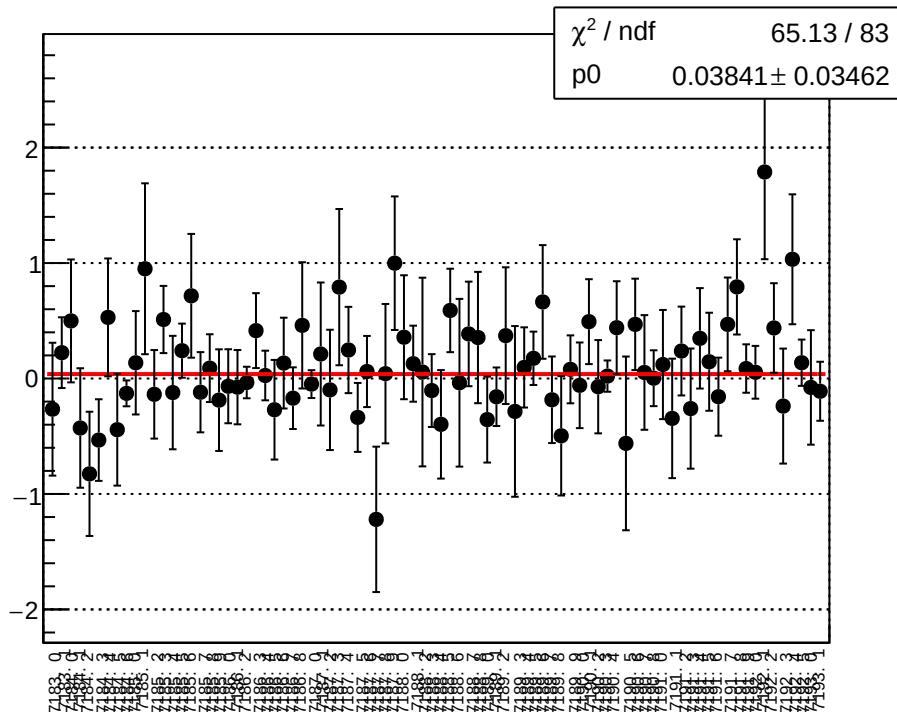
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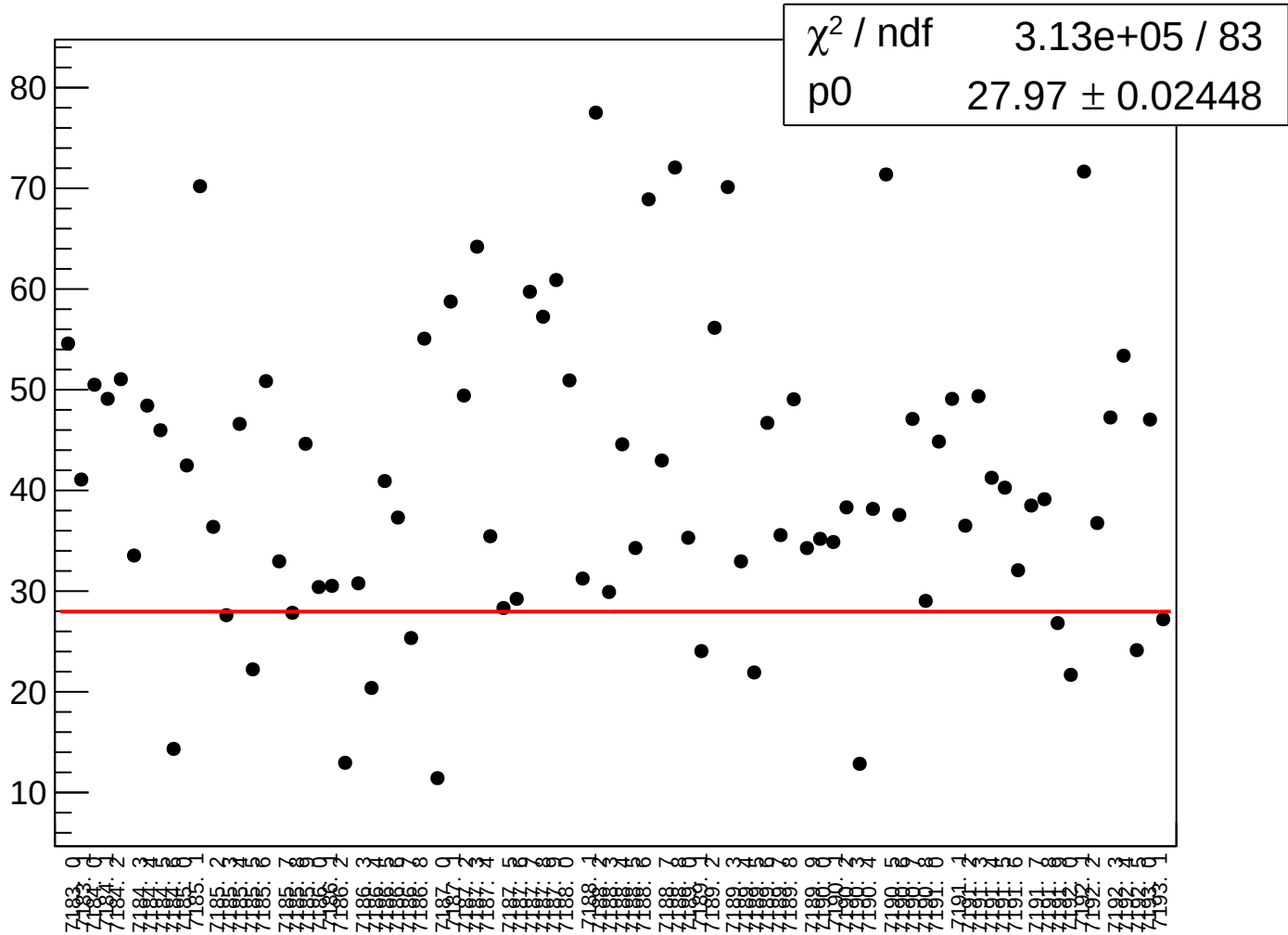
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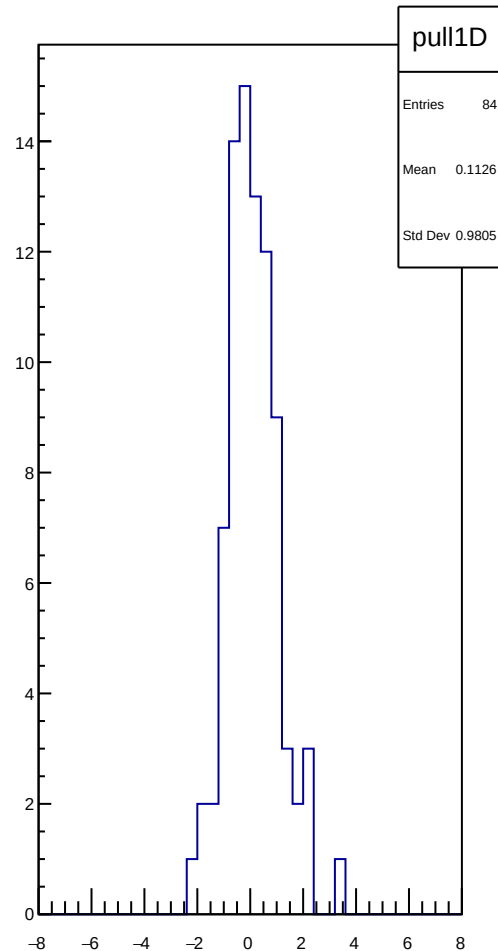
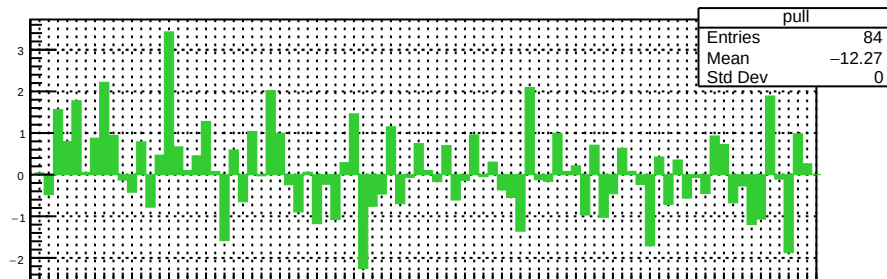
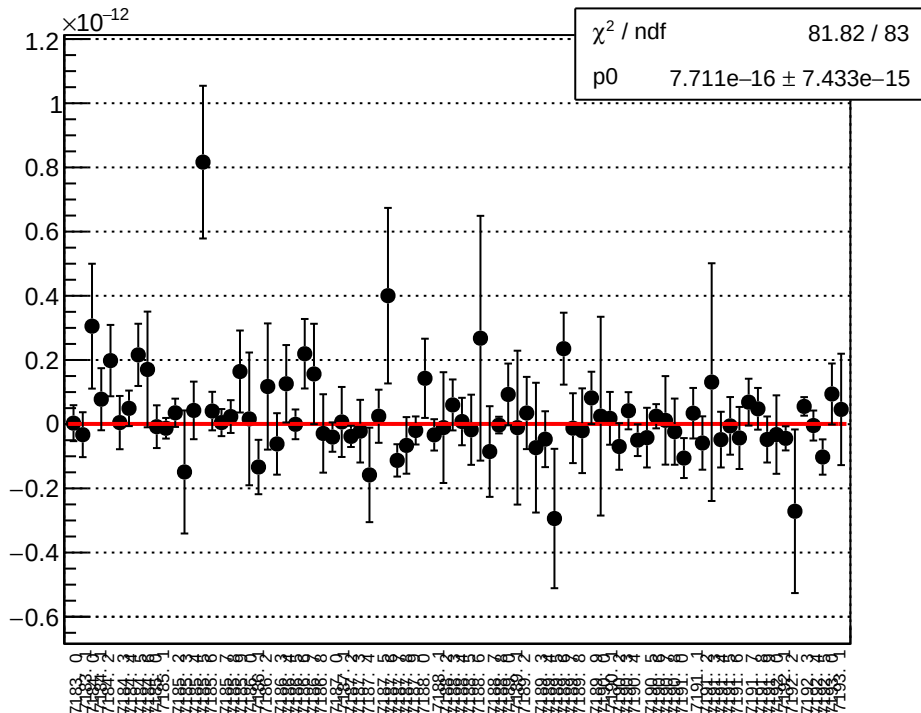
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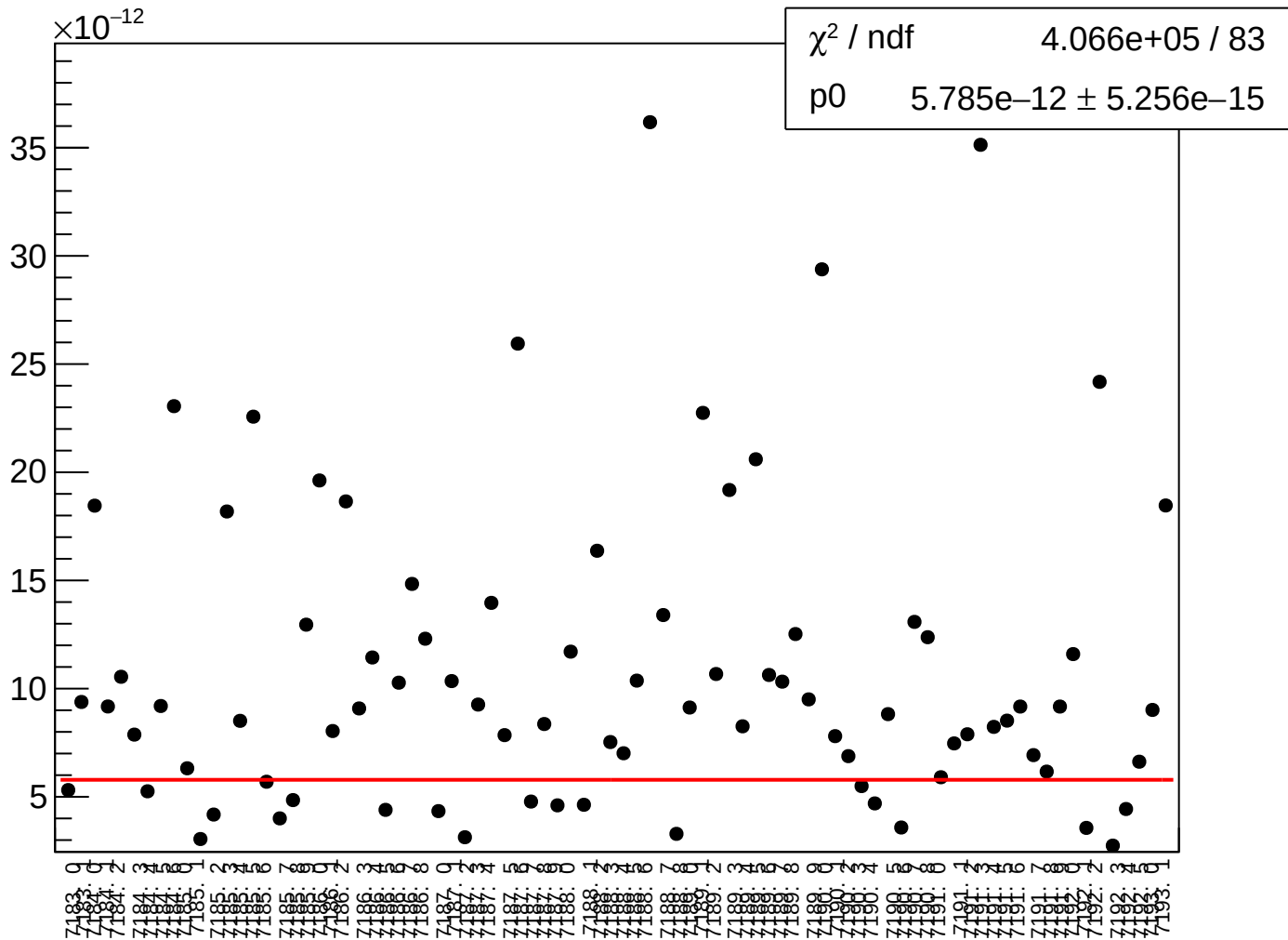
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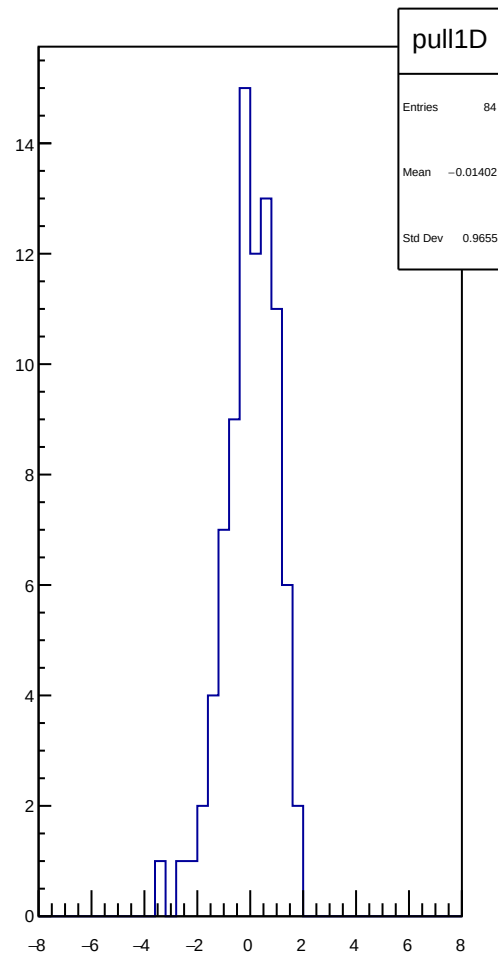
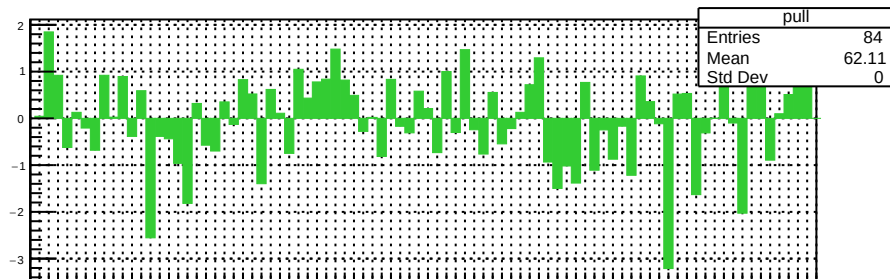
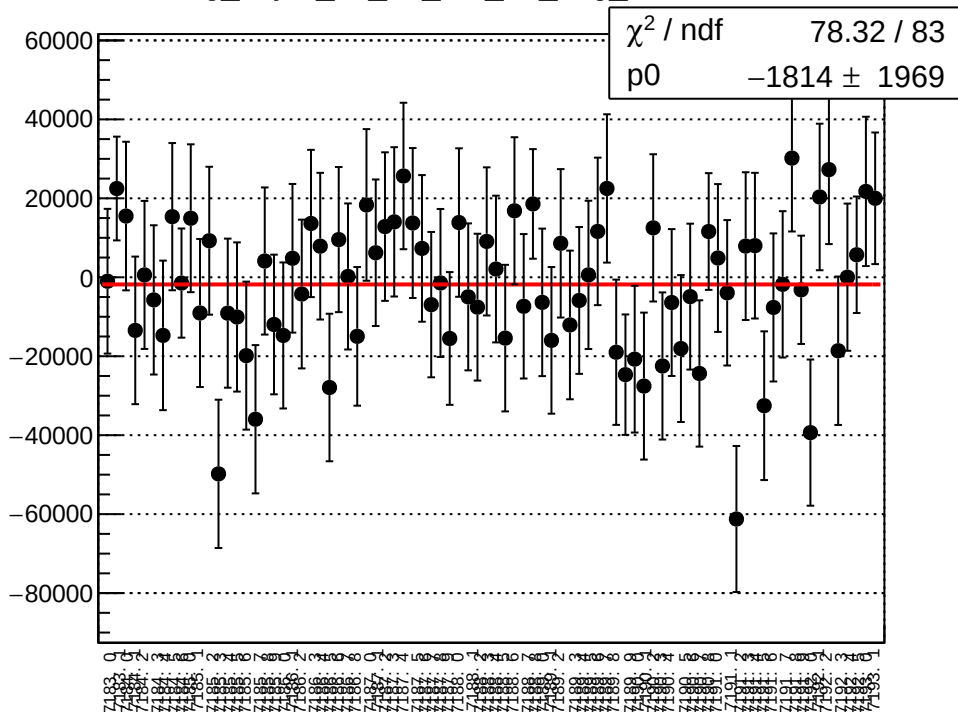
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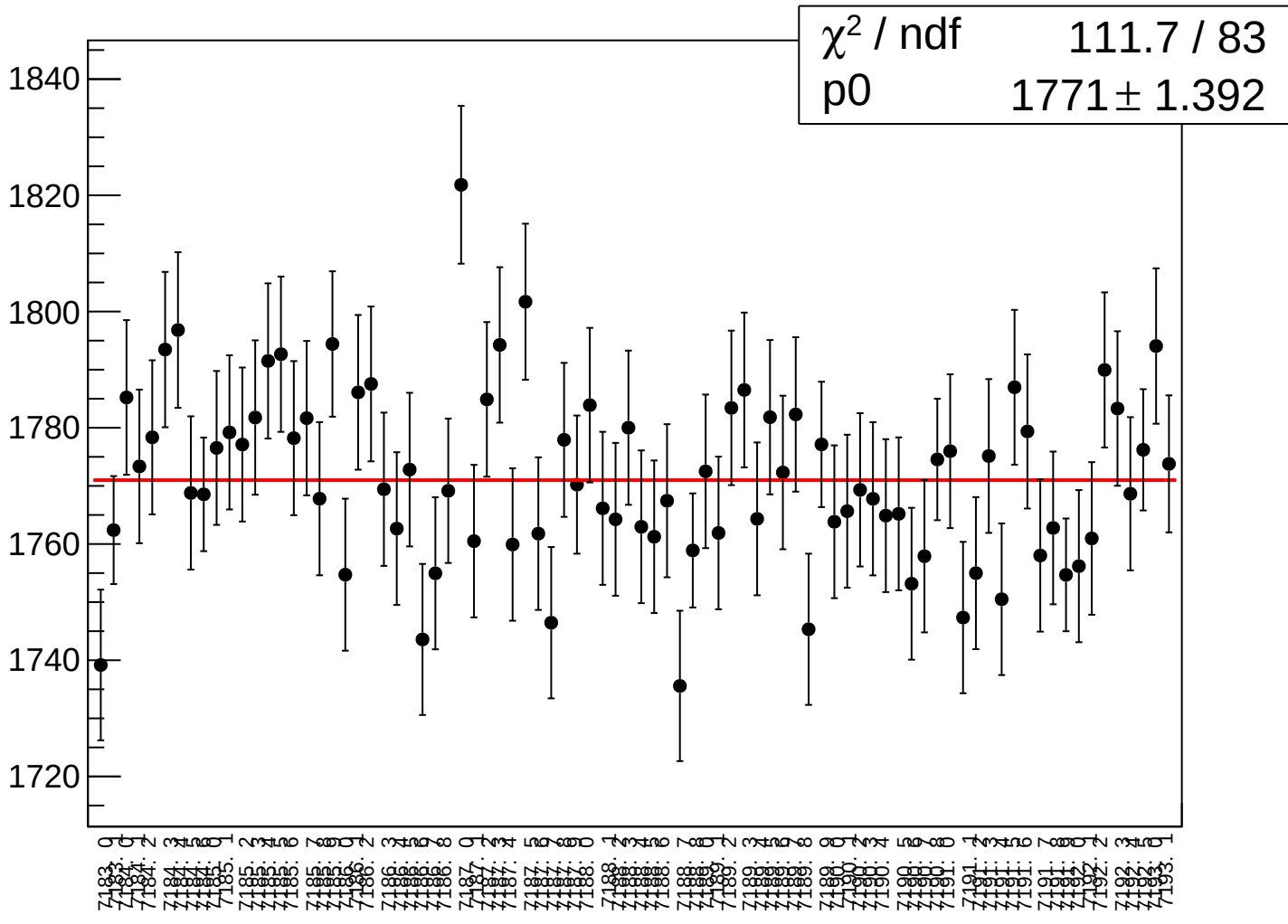
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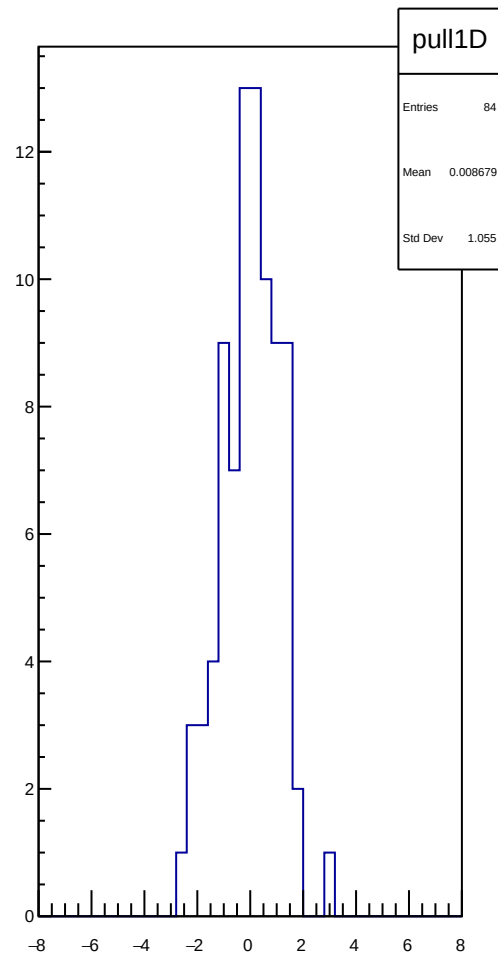
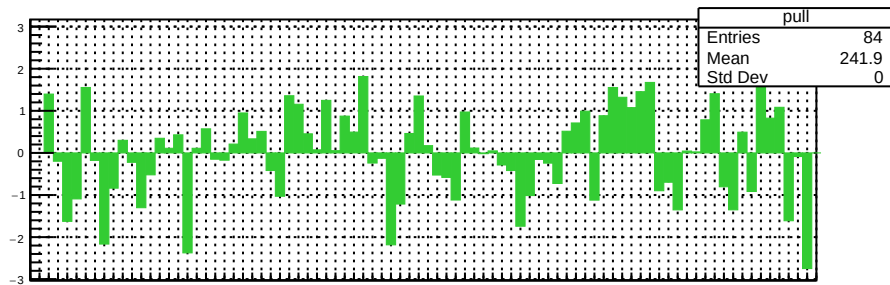
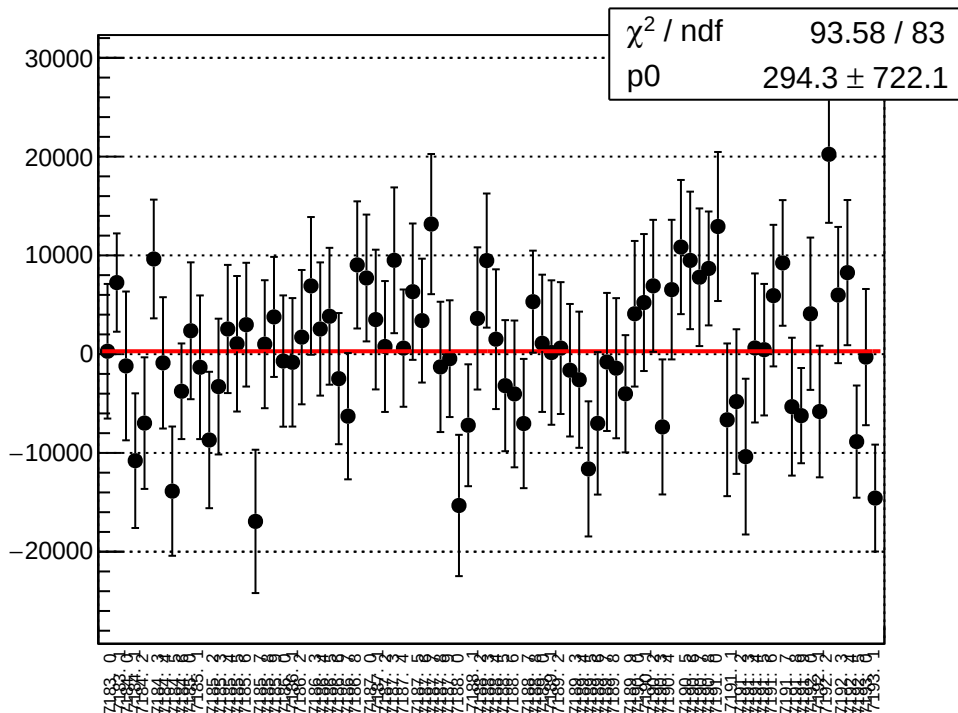
reg_asym_us_dd_atlr_dd_avg_mean vs run



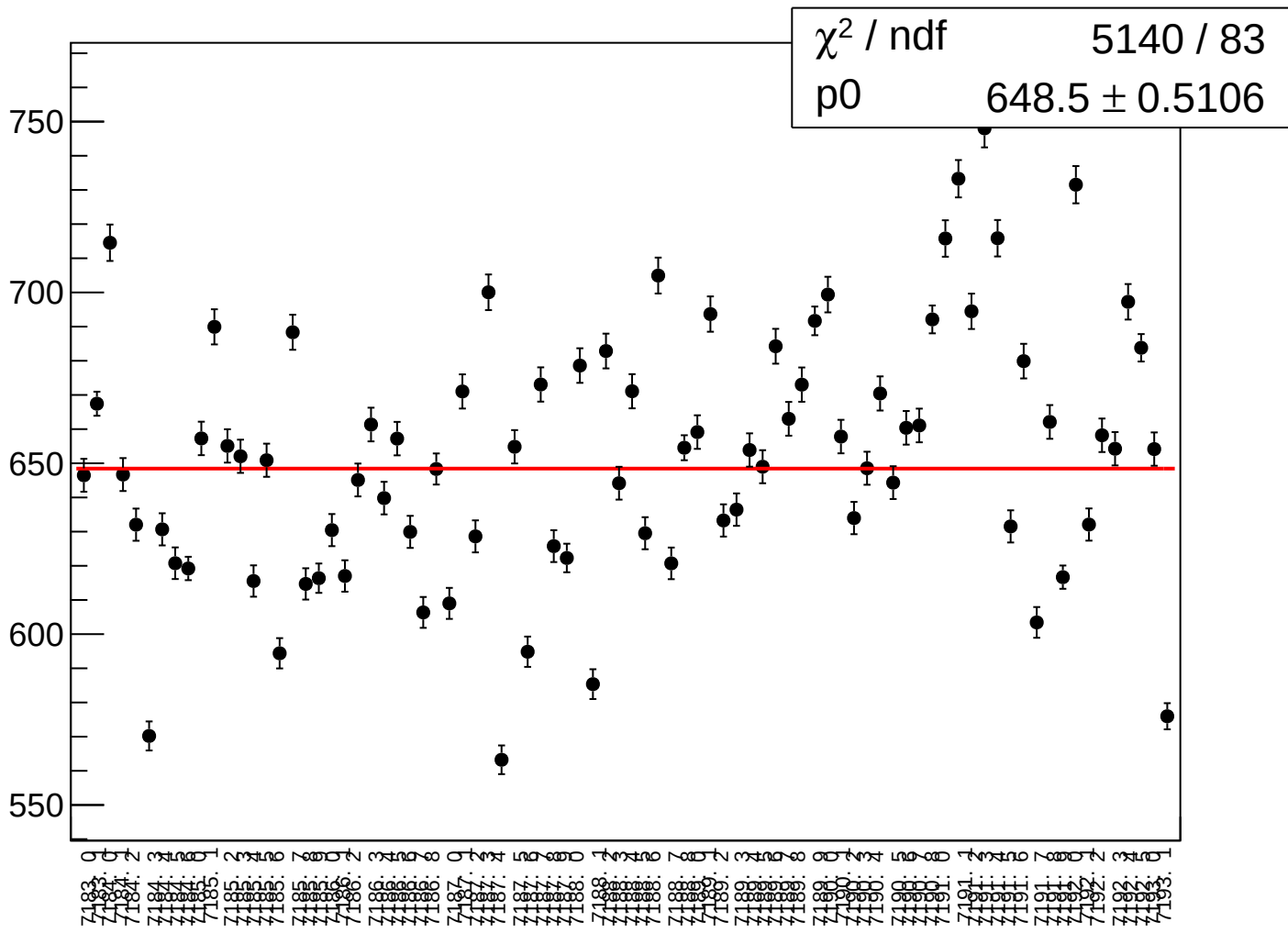
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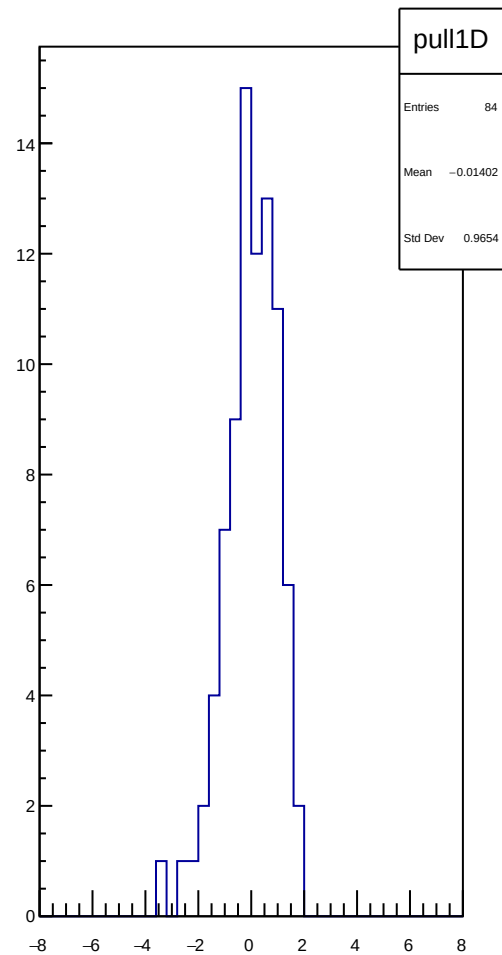
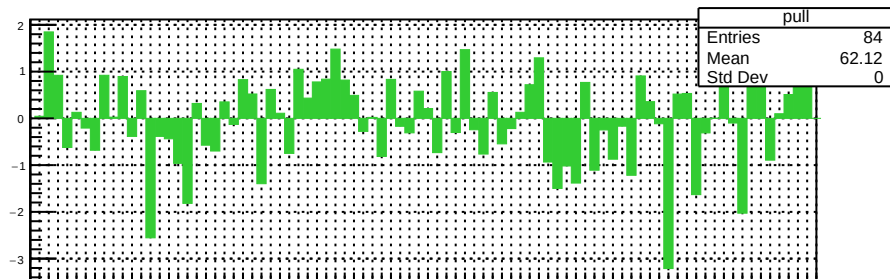
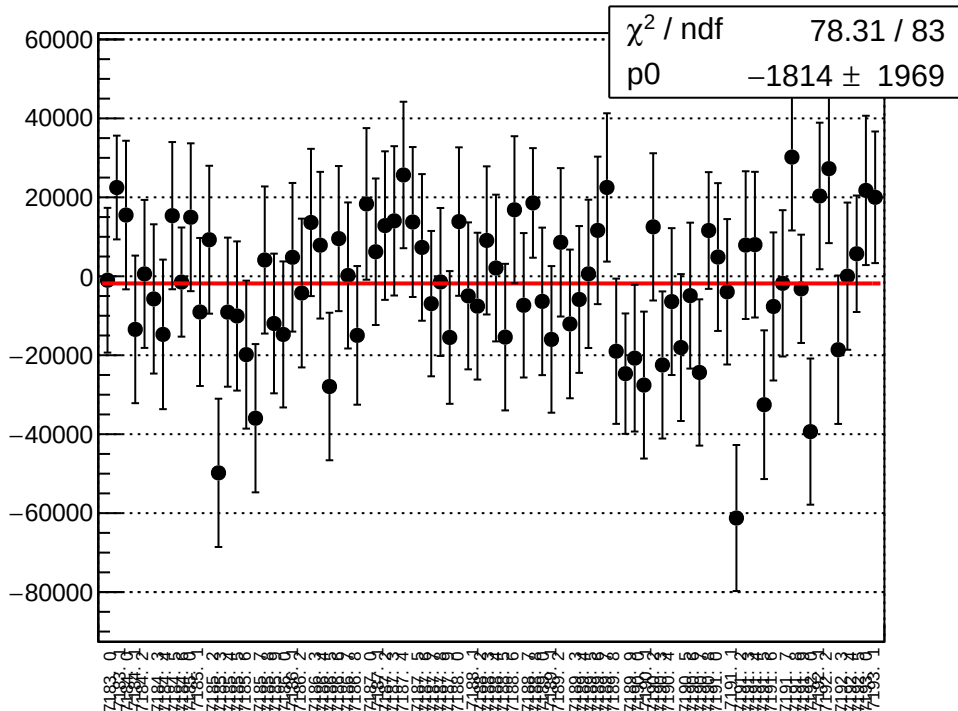
asym_us_dd_atlr_dd_avg_reg_correction_mean vs run



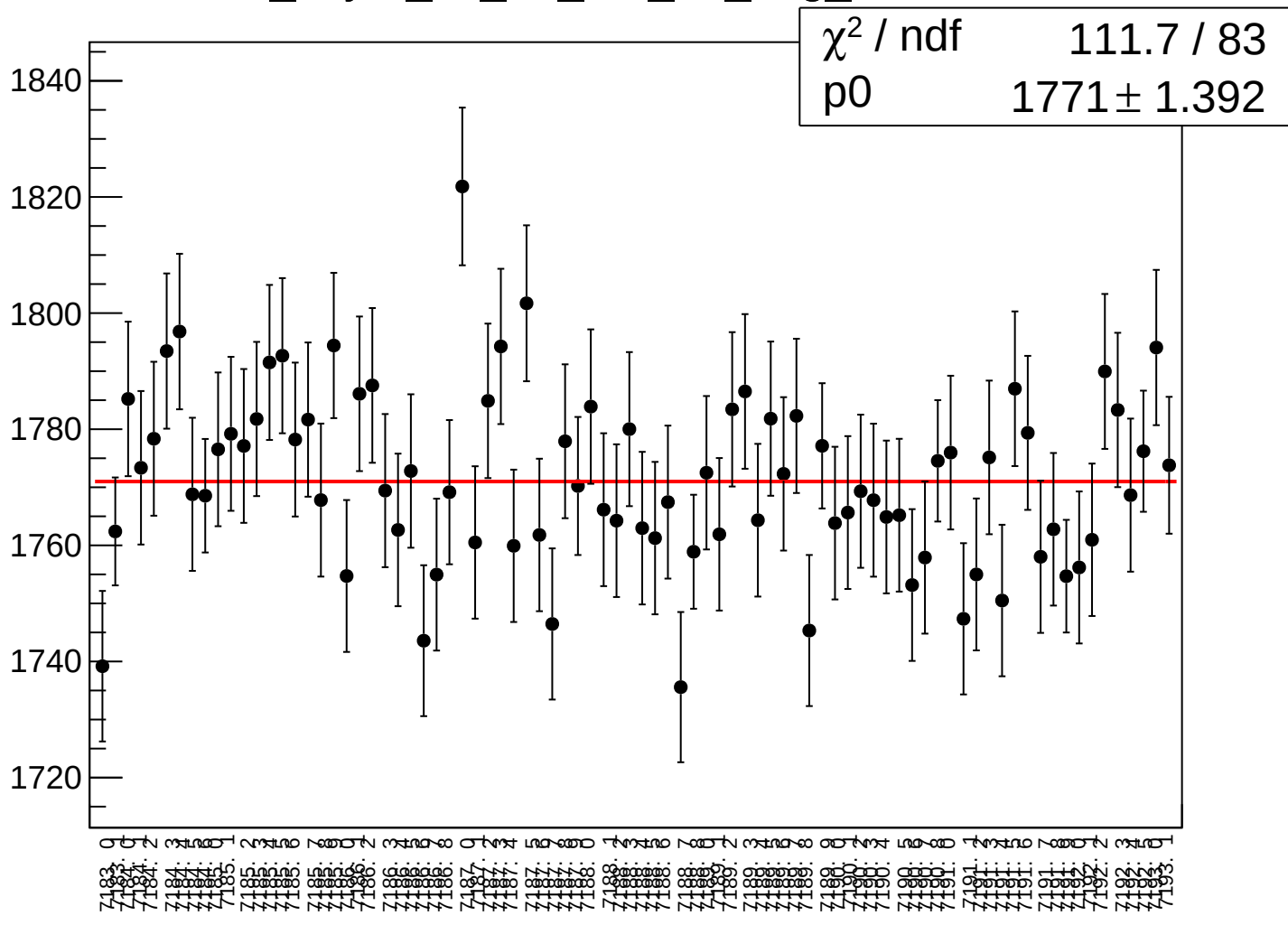
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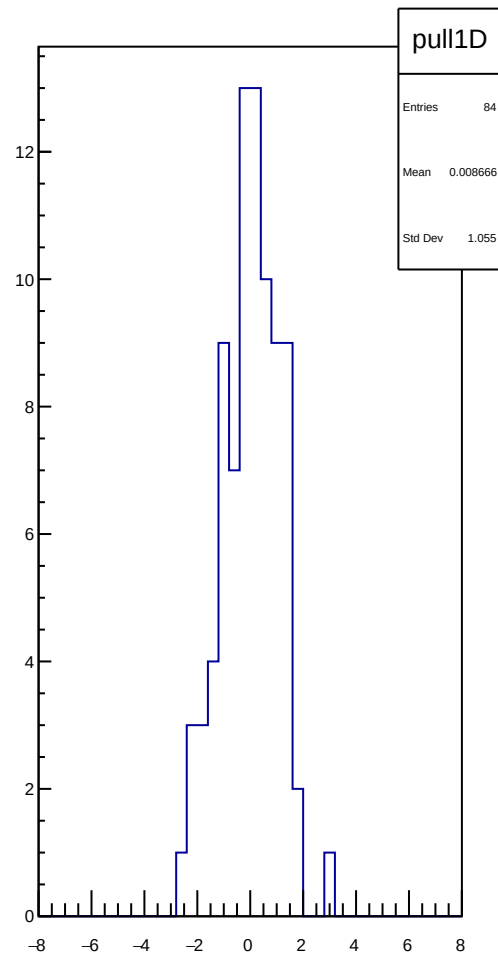
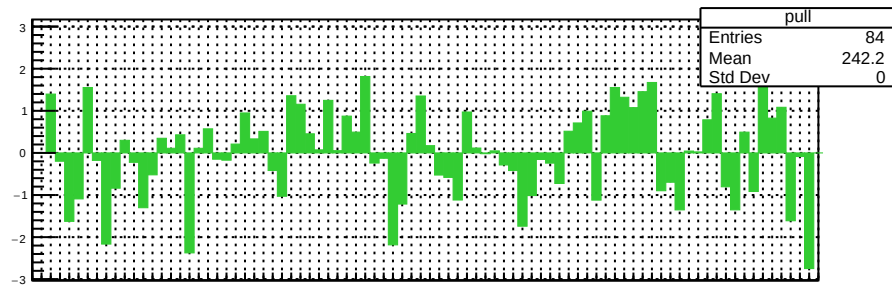
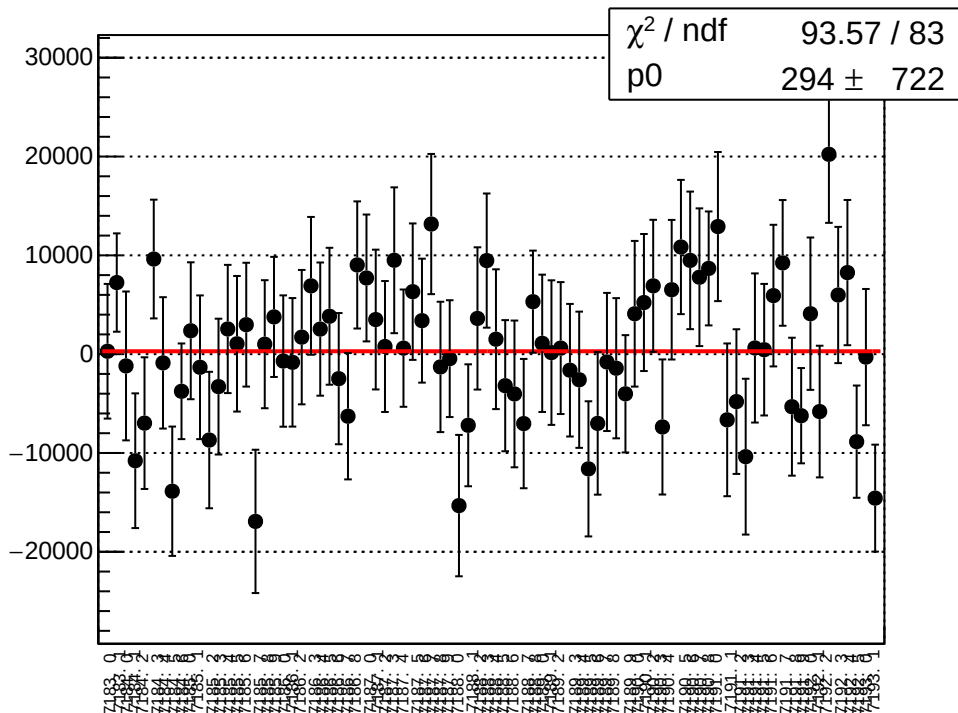
cor_asym_us_dd_atlr_dd_avg_mean vs run



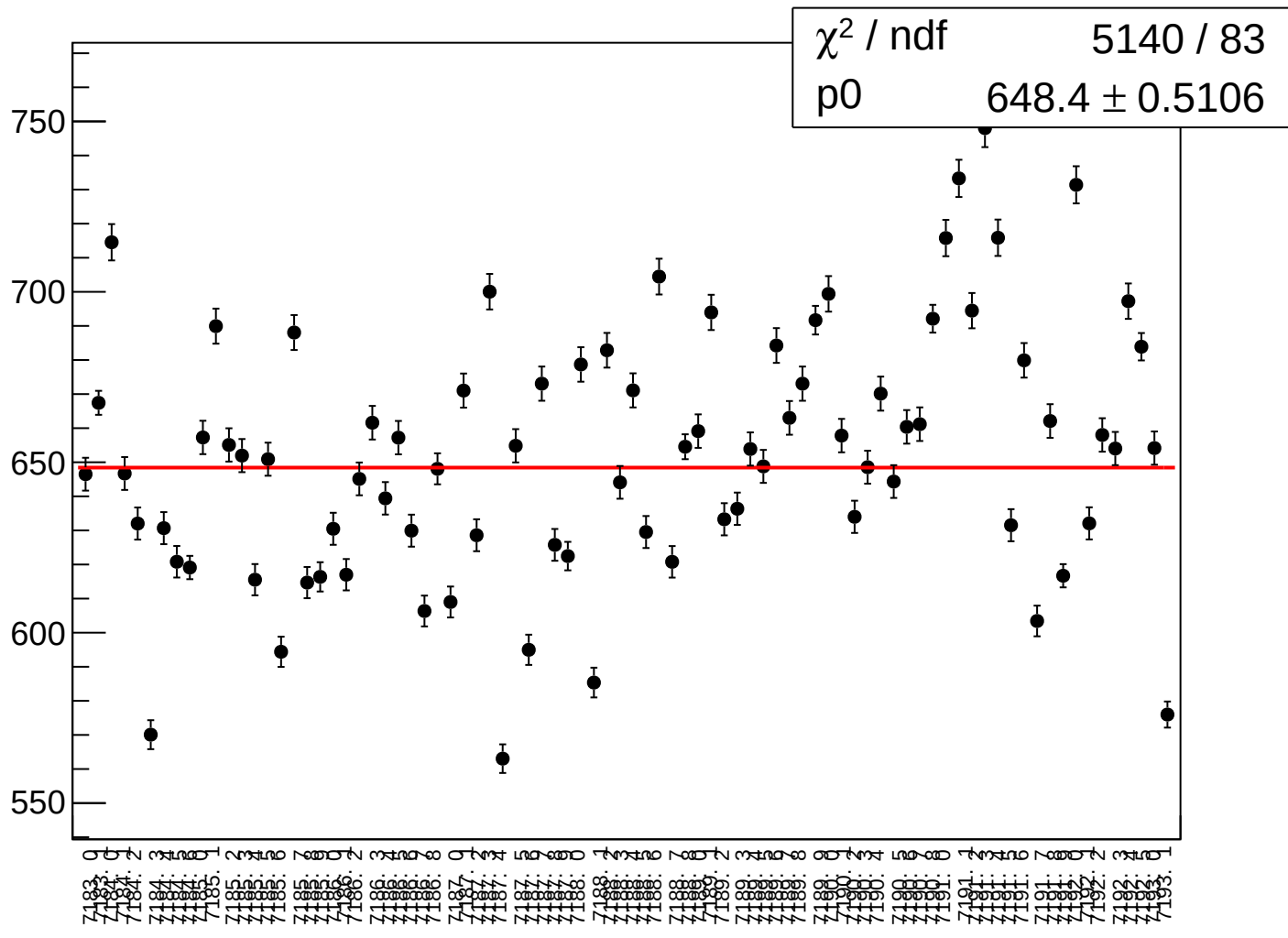
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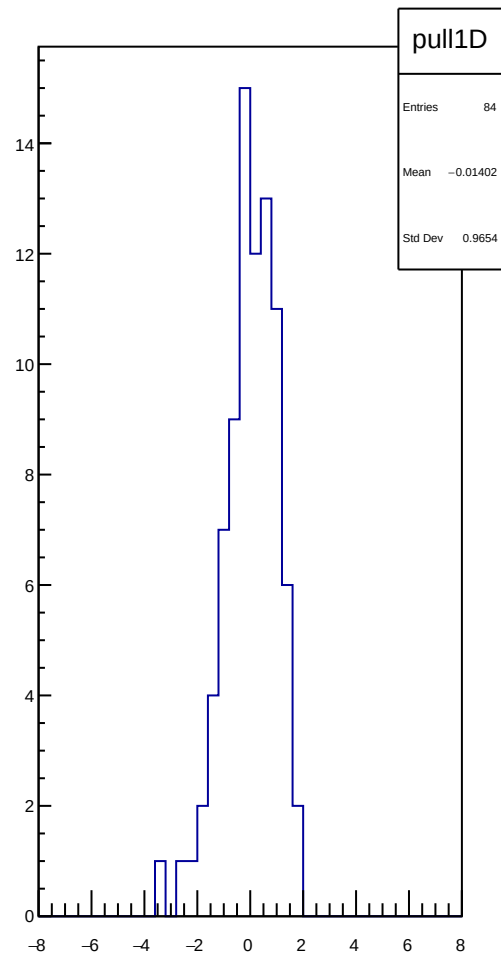
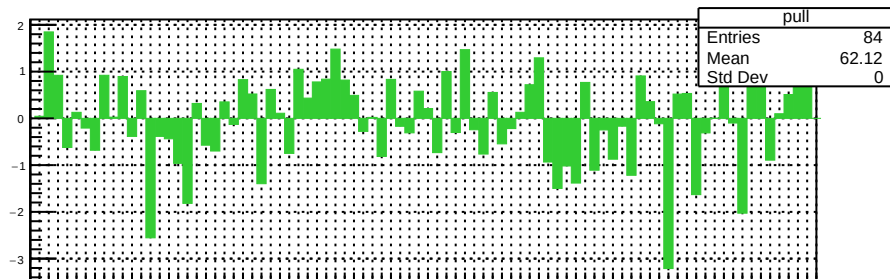
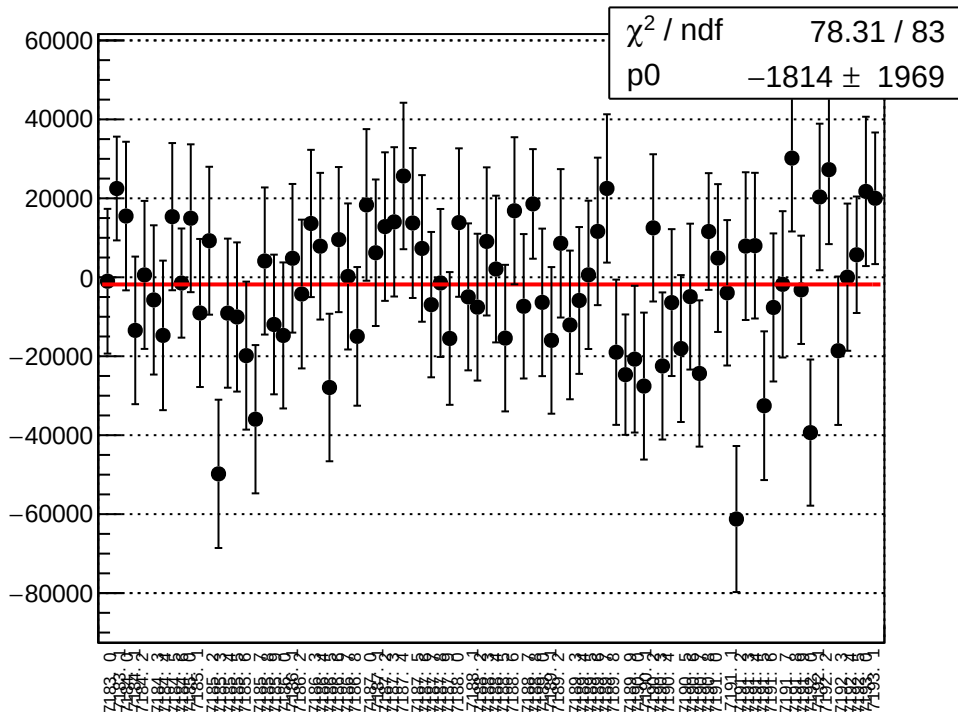
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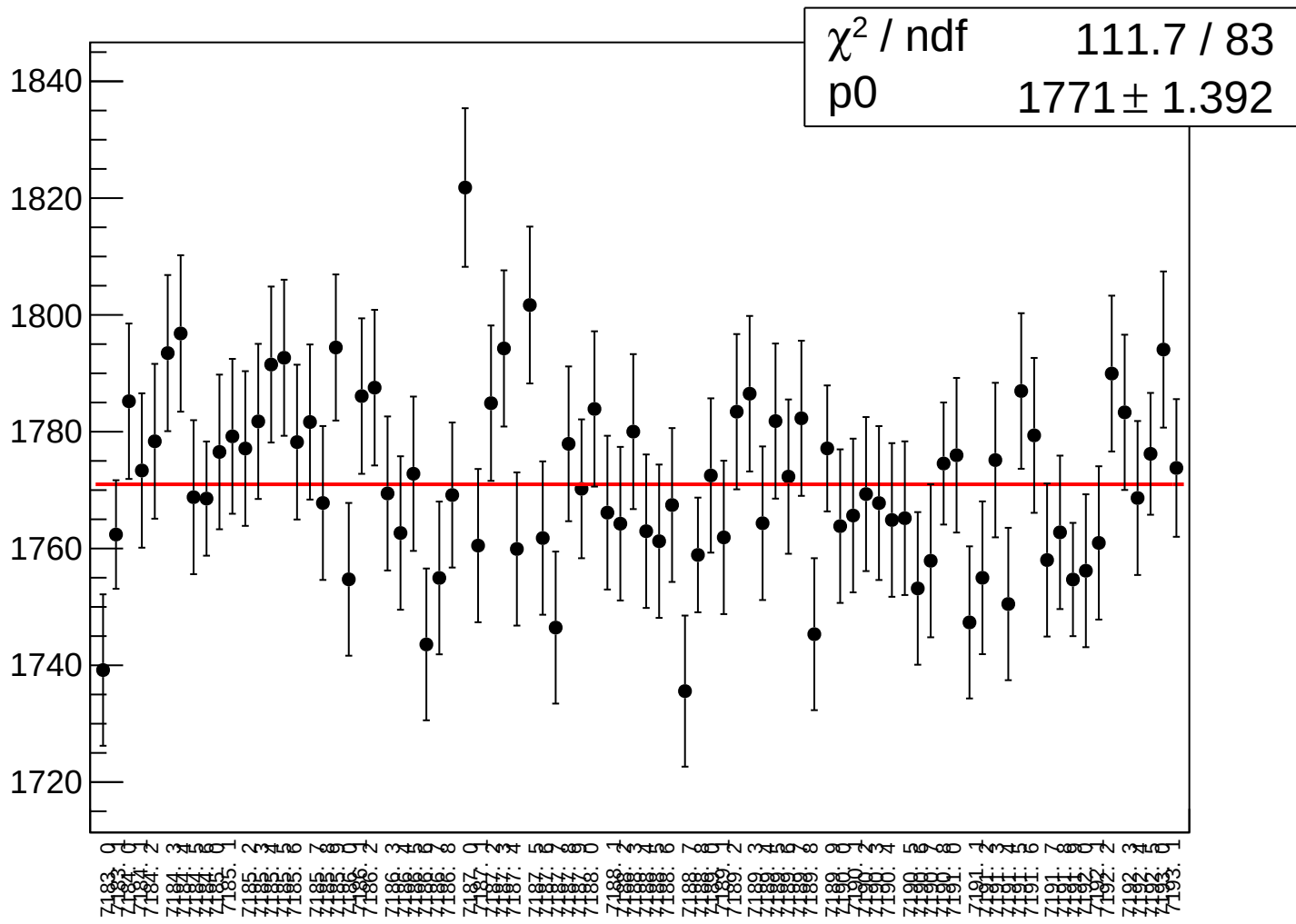
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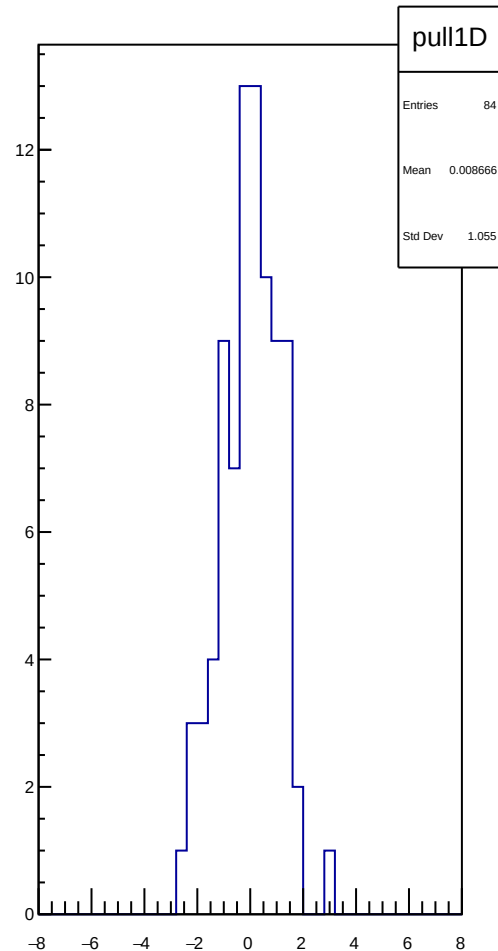
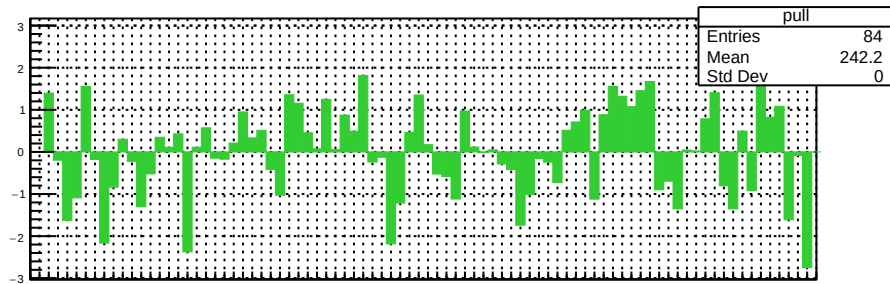
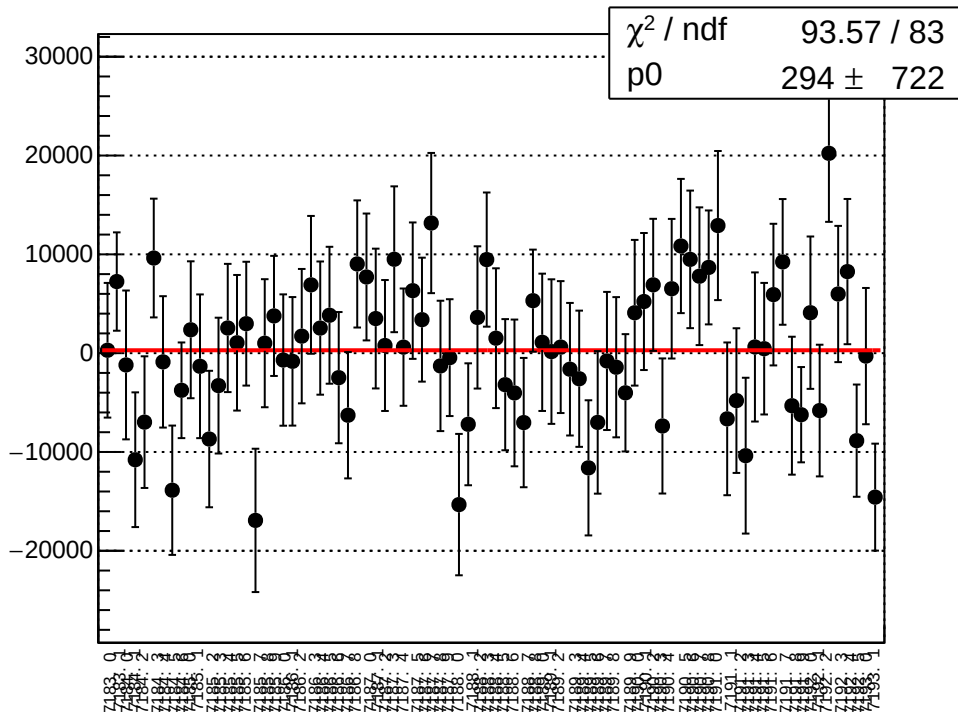
eigen_cor_asym_us_dd_atlr_dd_avg_mean vs run



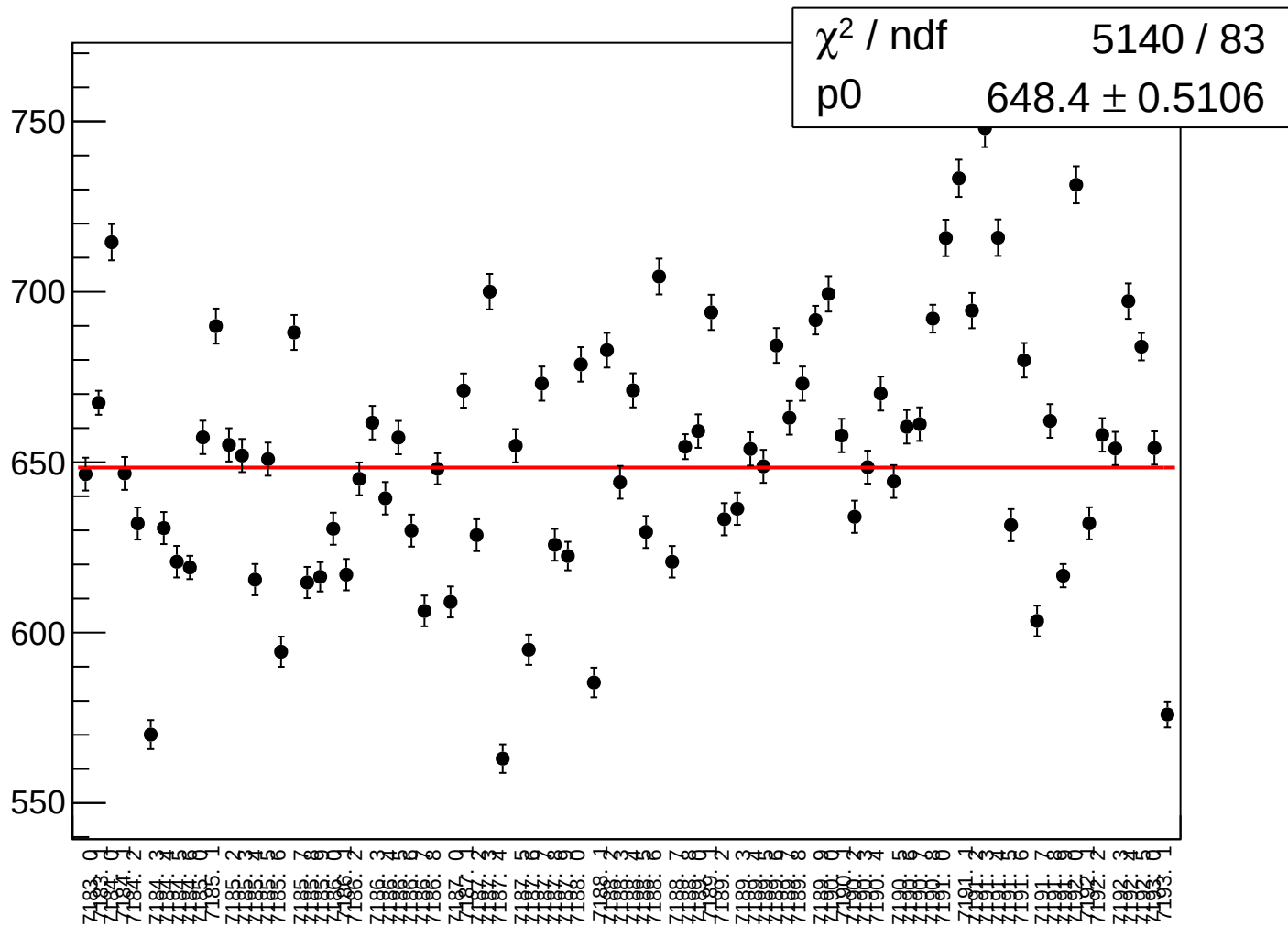
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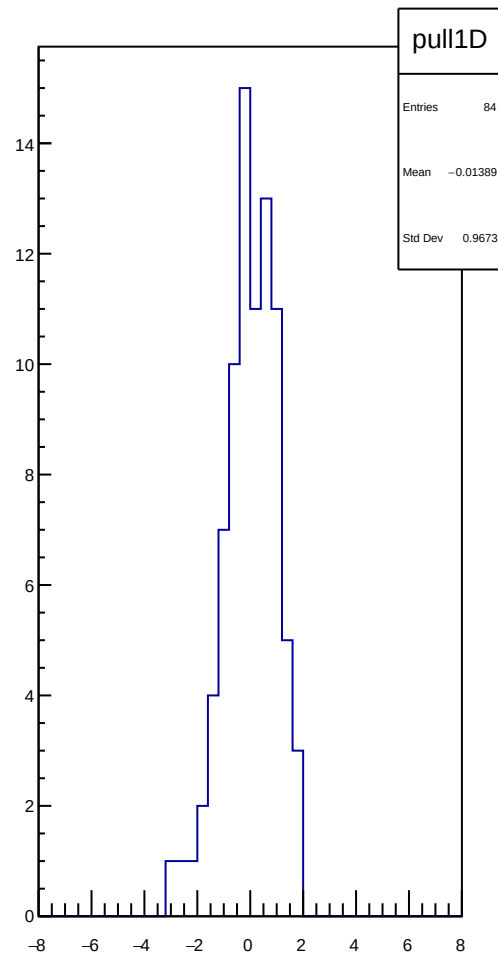
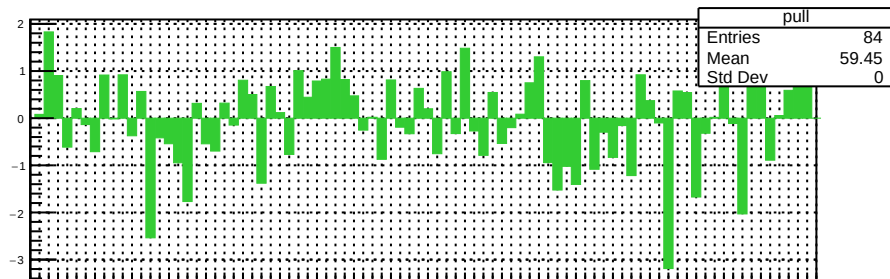
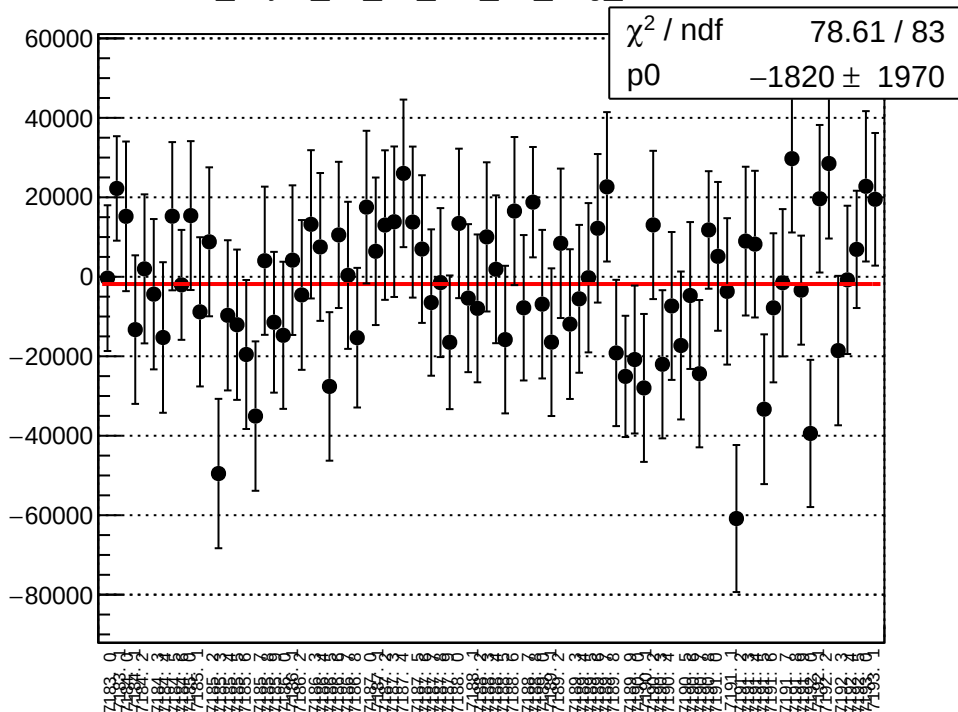
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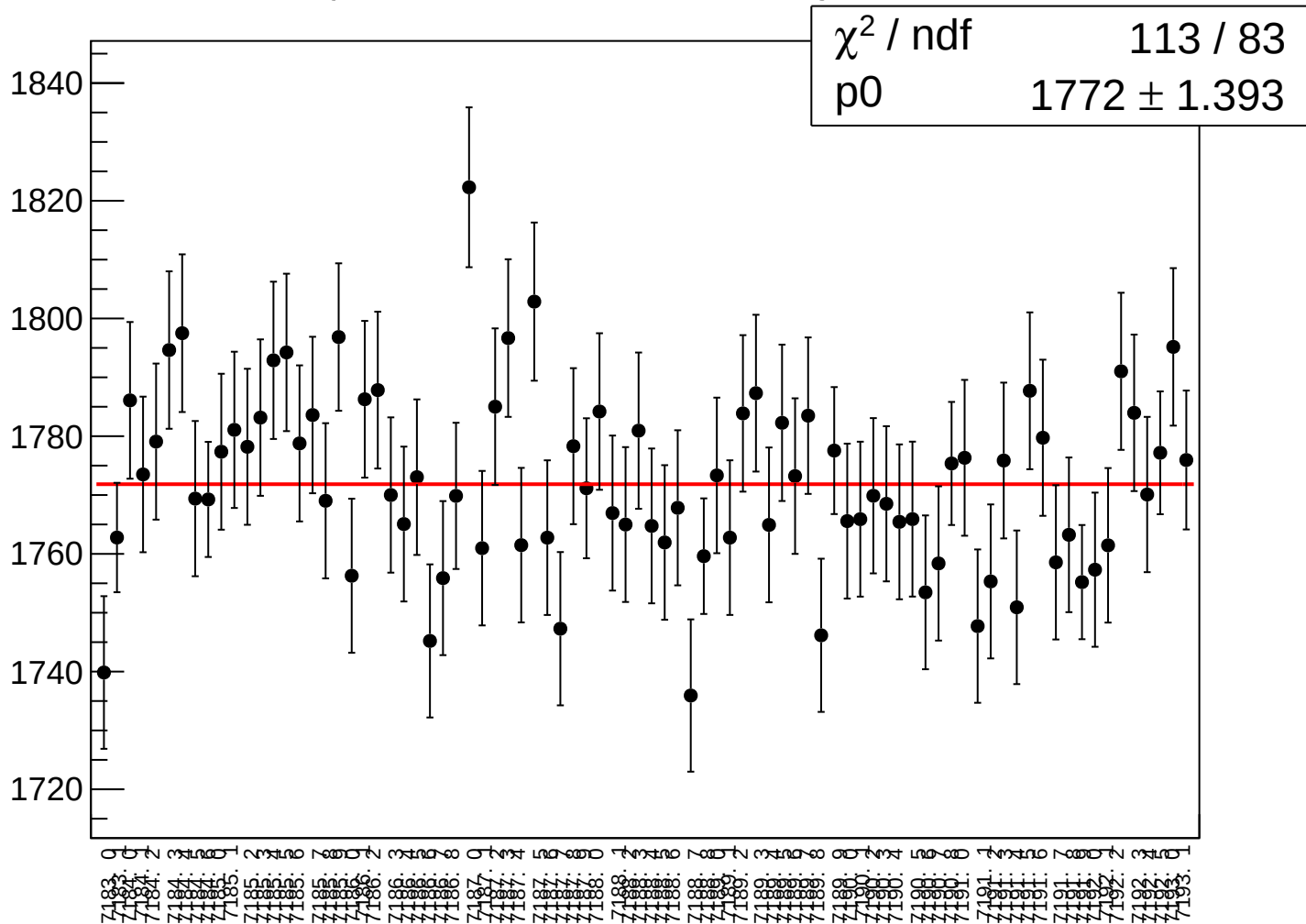
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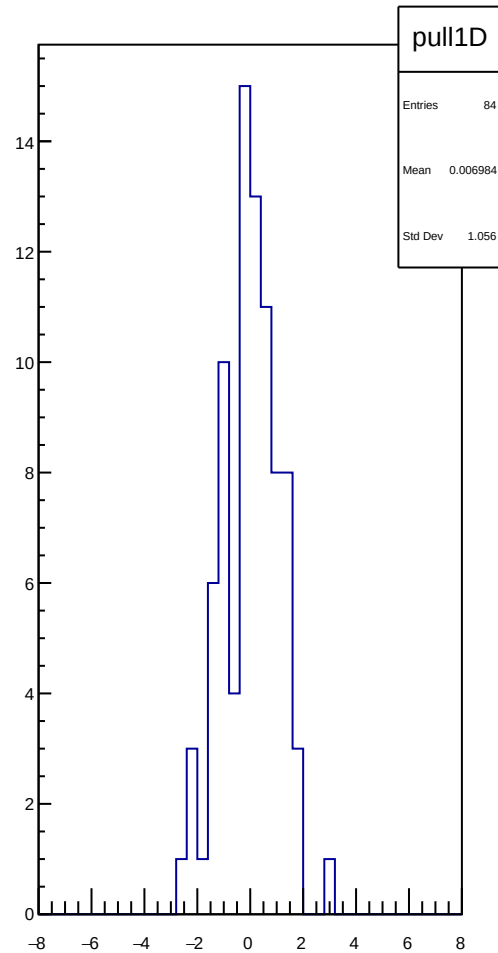
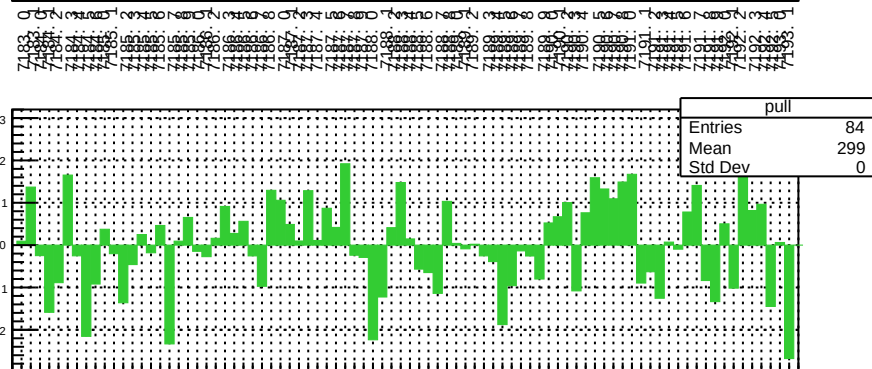
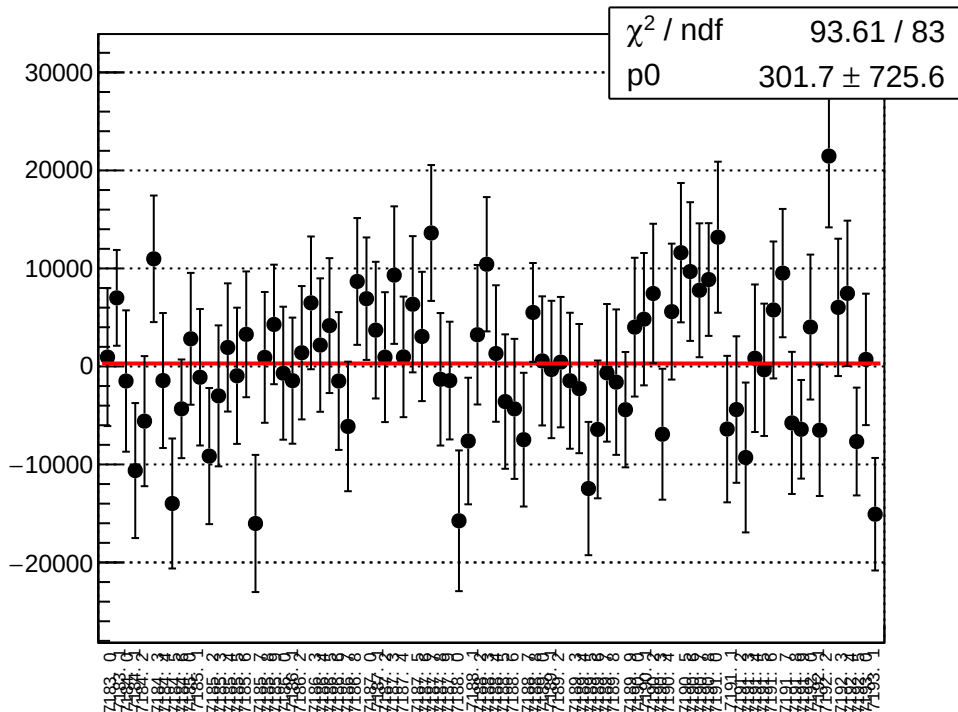
dit_asym_us_dd_atlr_dd_avg_mean vs run



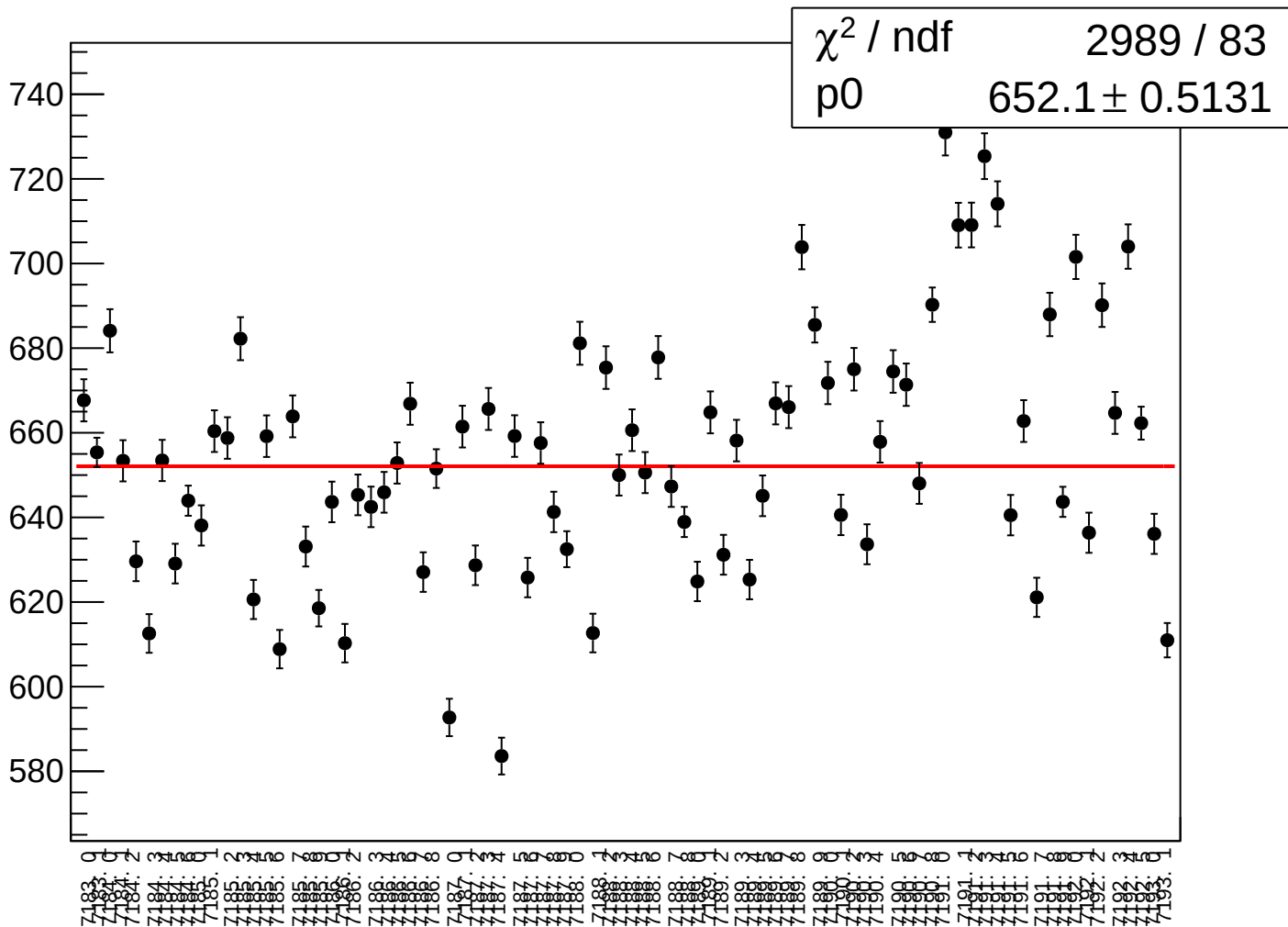
dit_asym_us_dd_atlr_dd_avg_rms vs run



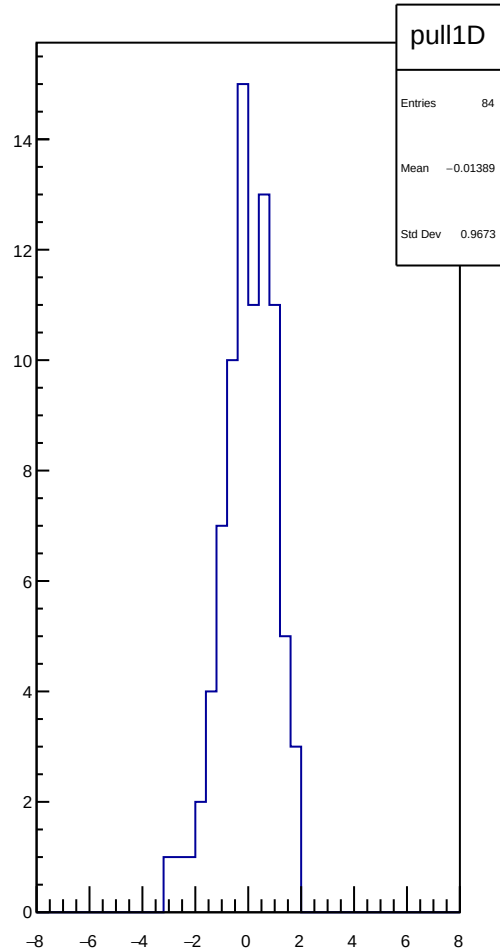
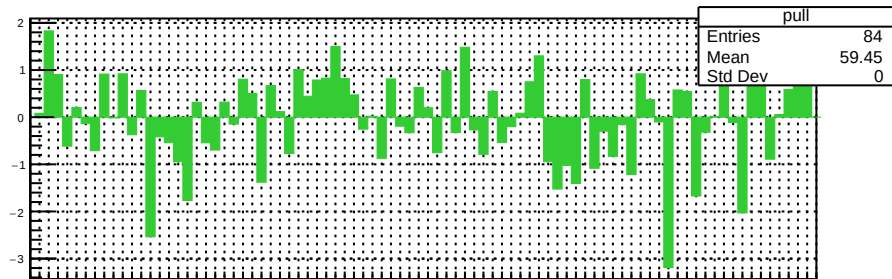
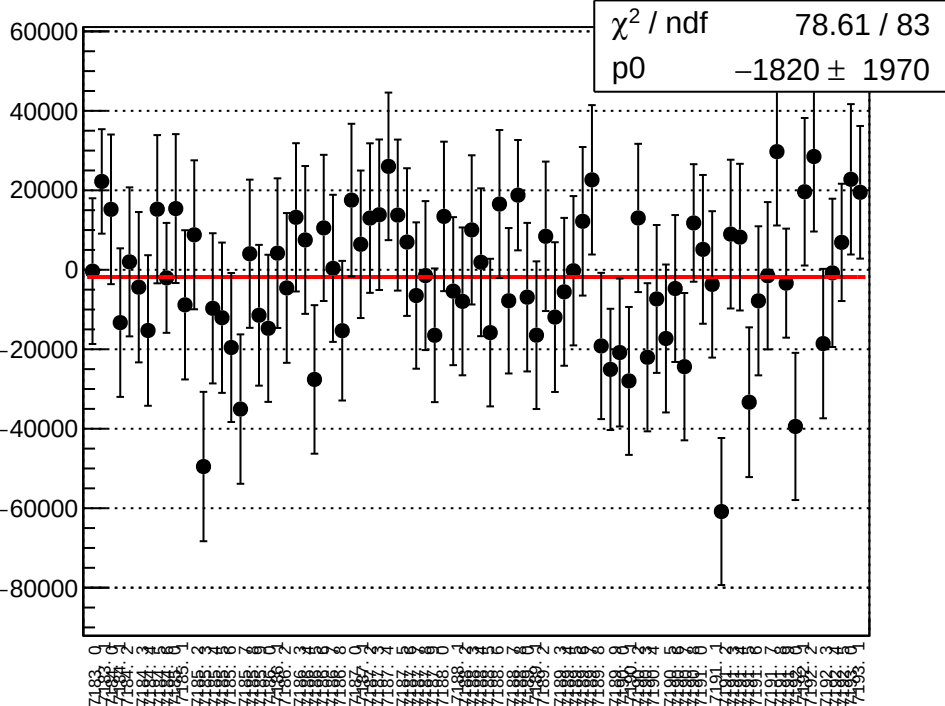
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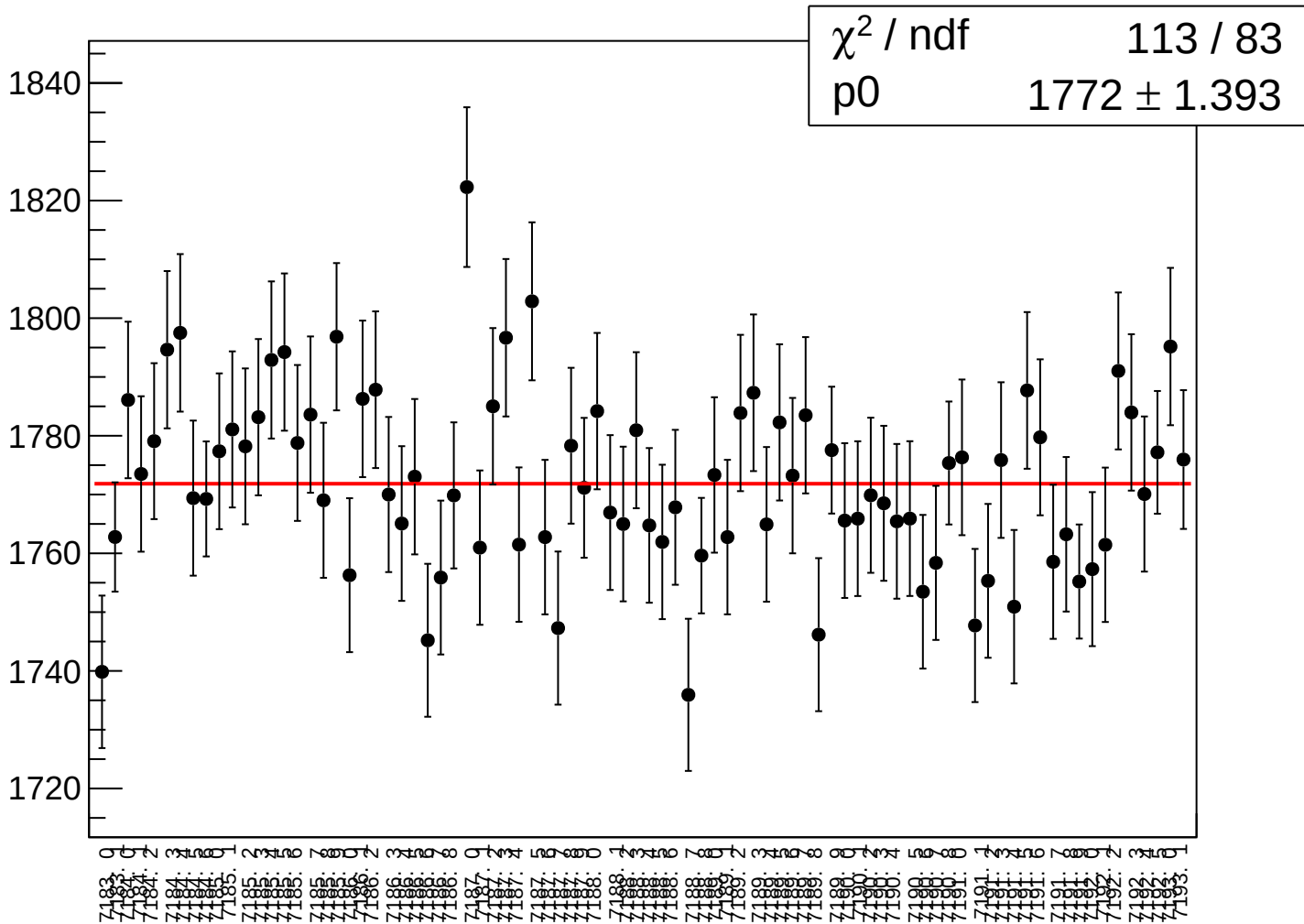
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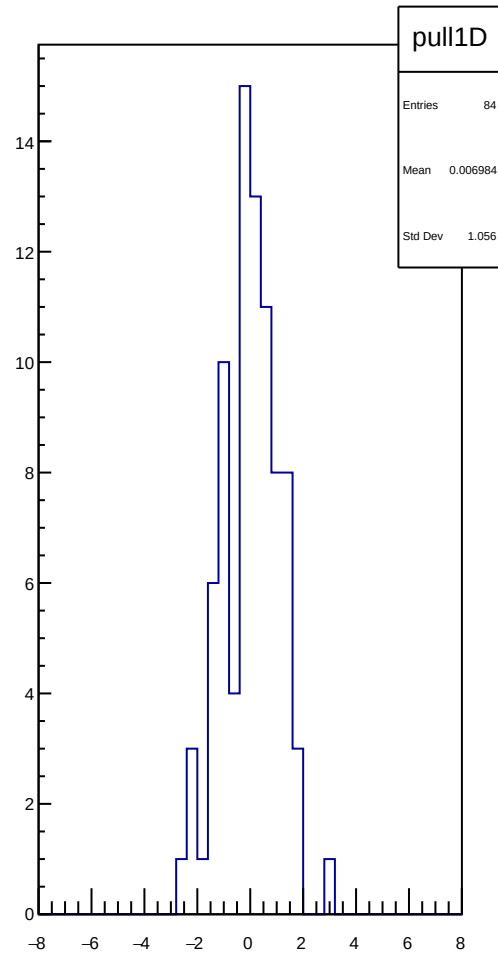
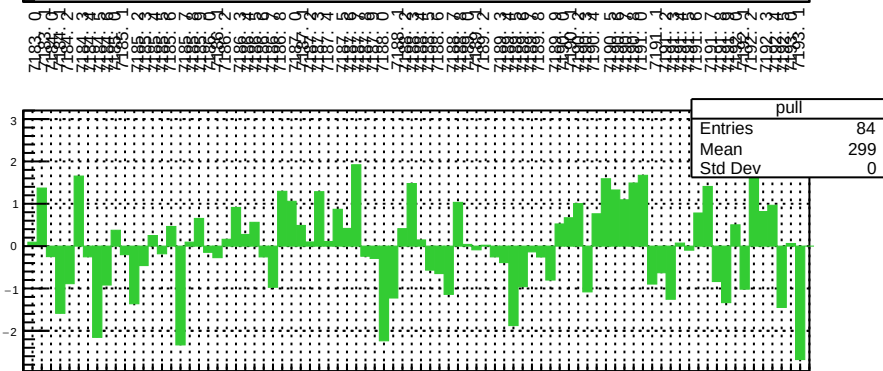
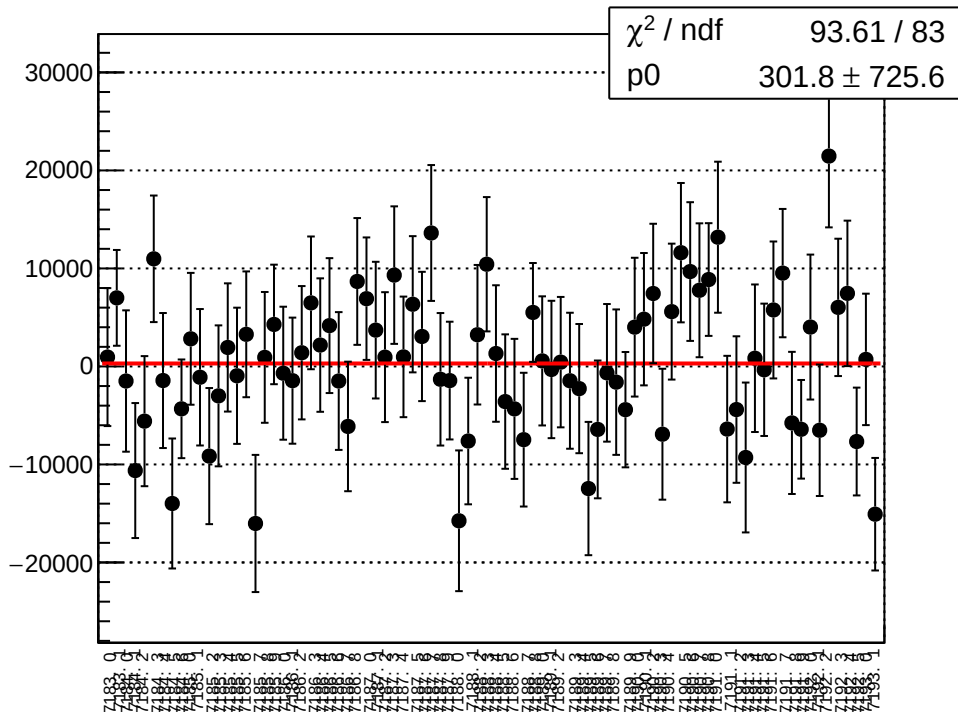
eigen_dit asym_us dd_atlr_dd avg_mean vs run



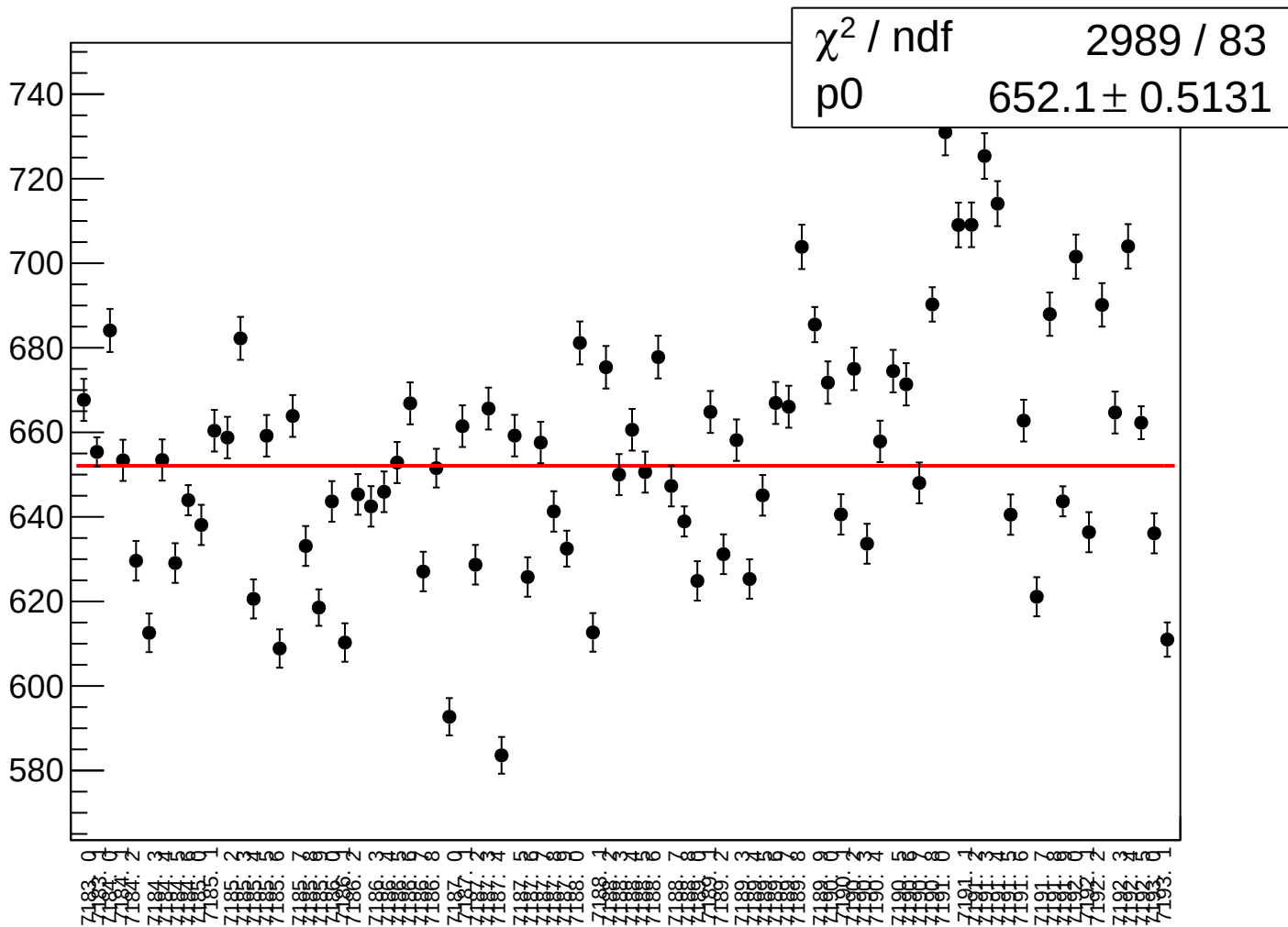
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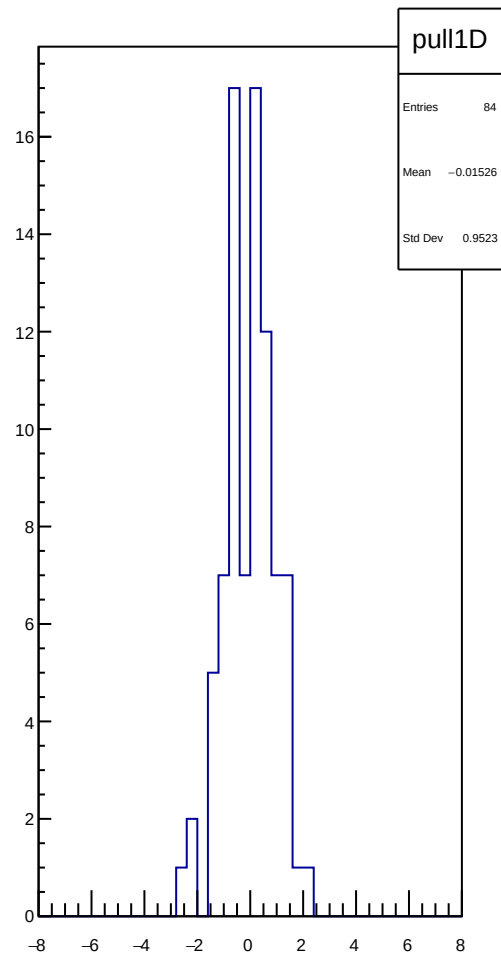
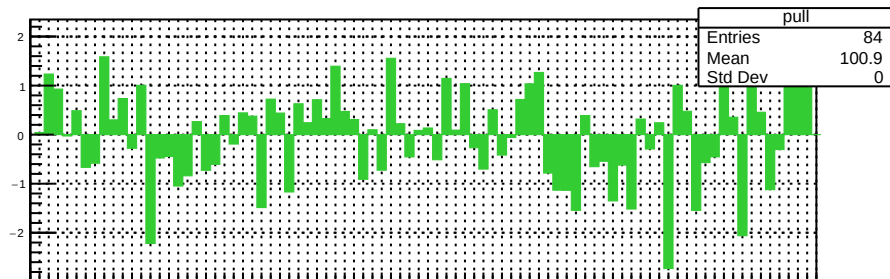
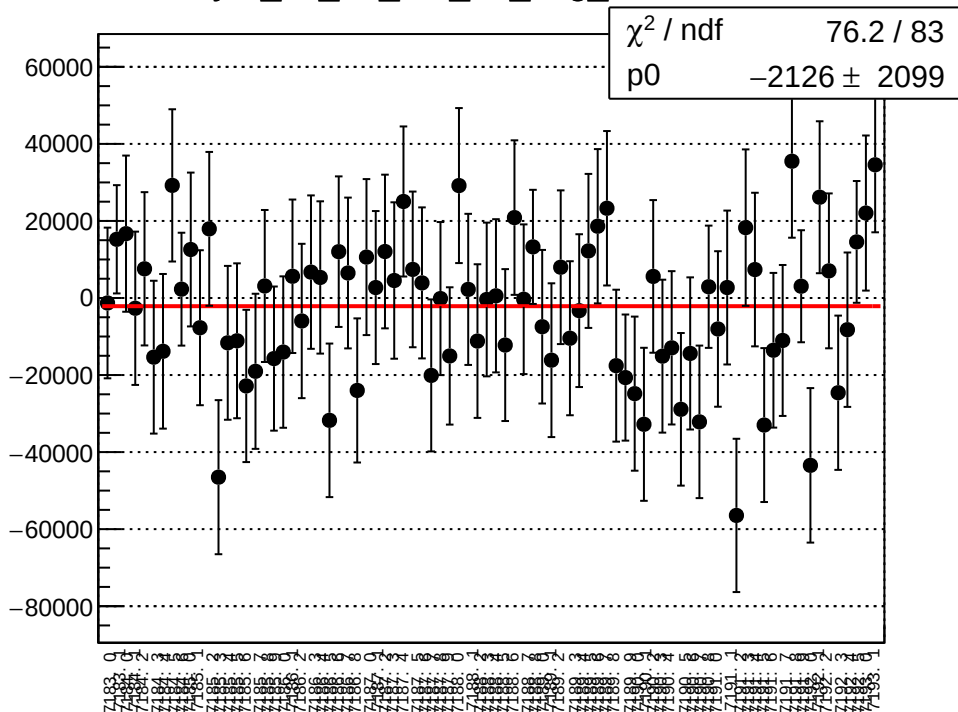
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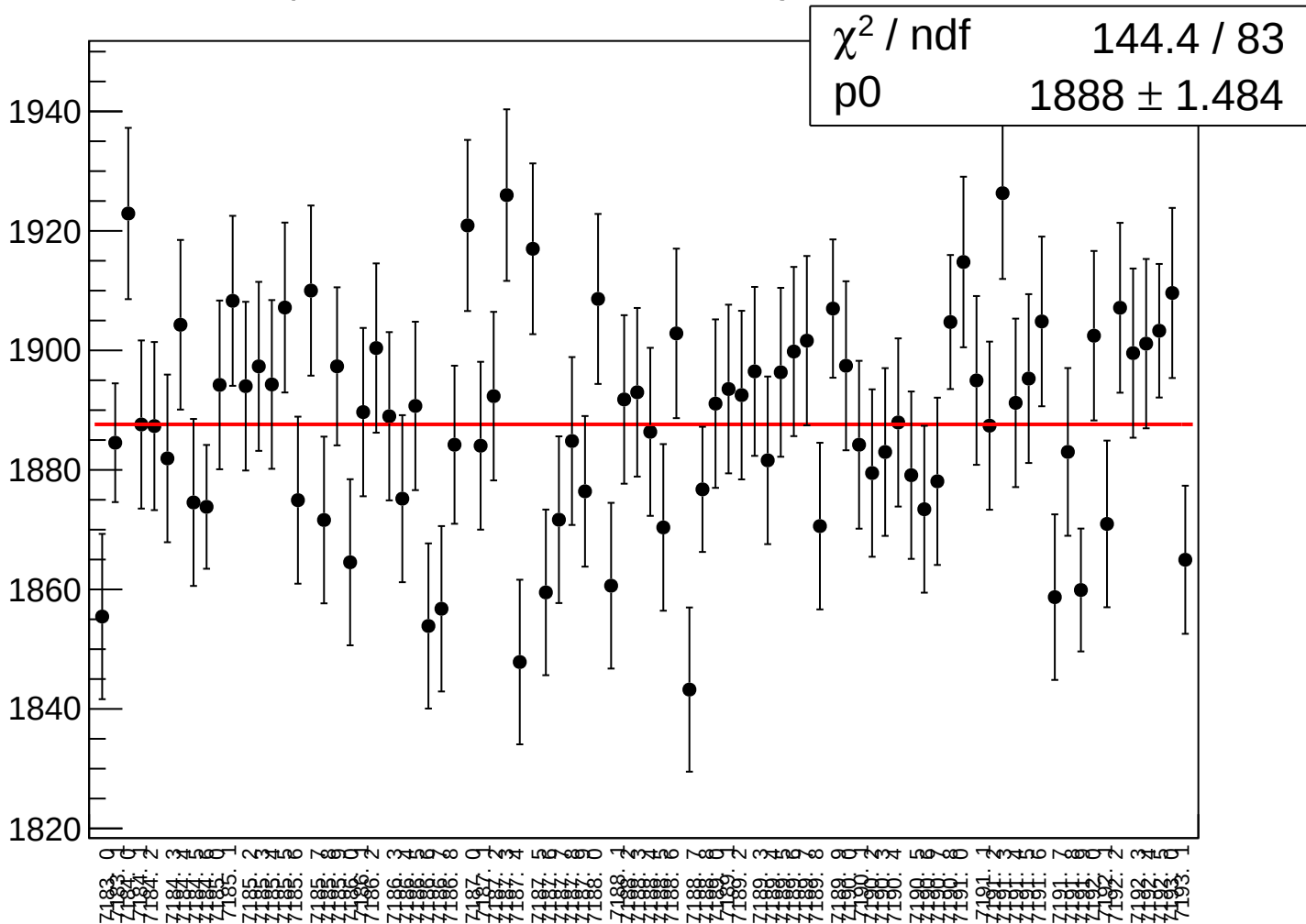
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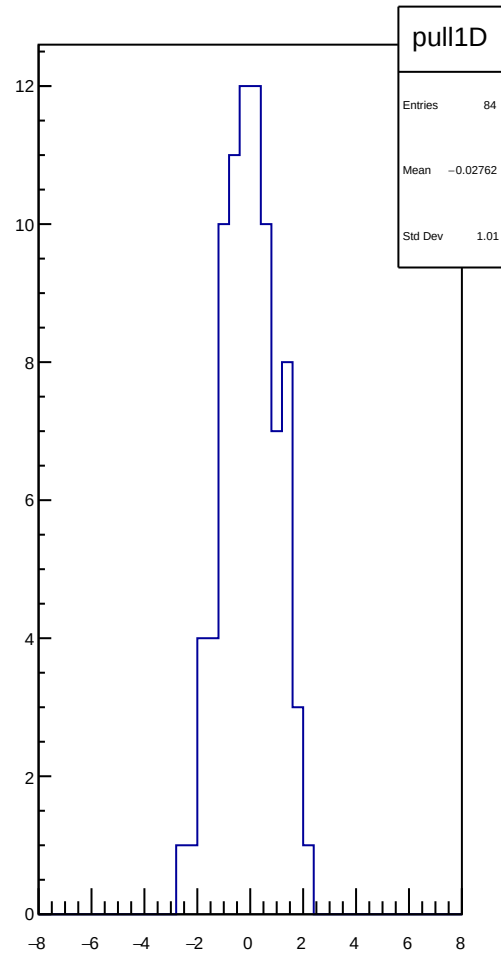
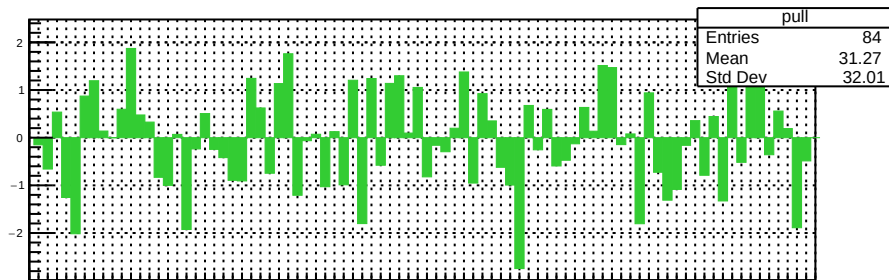
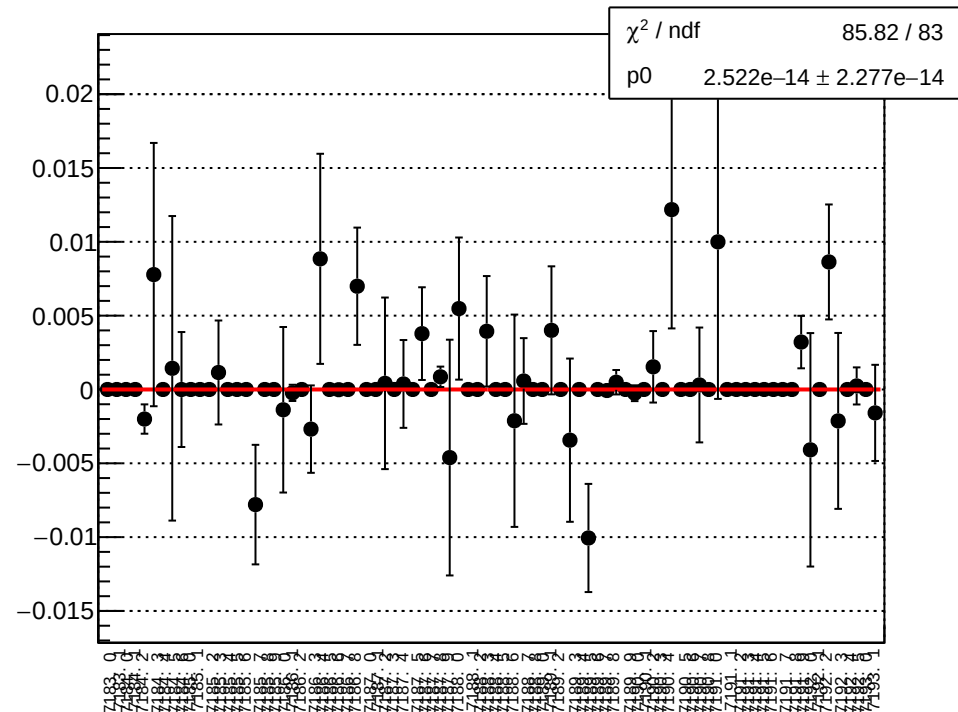
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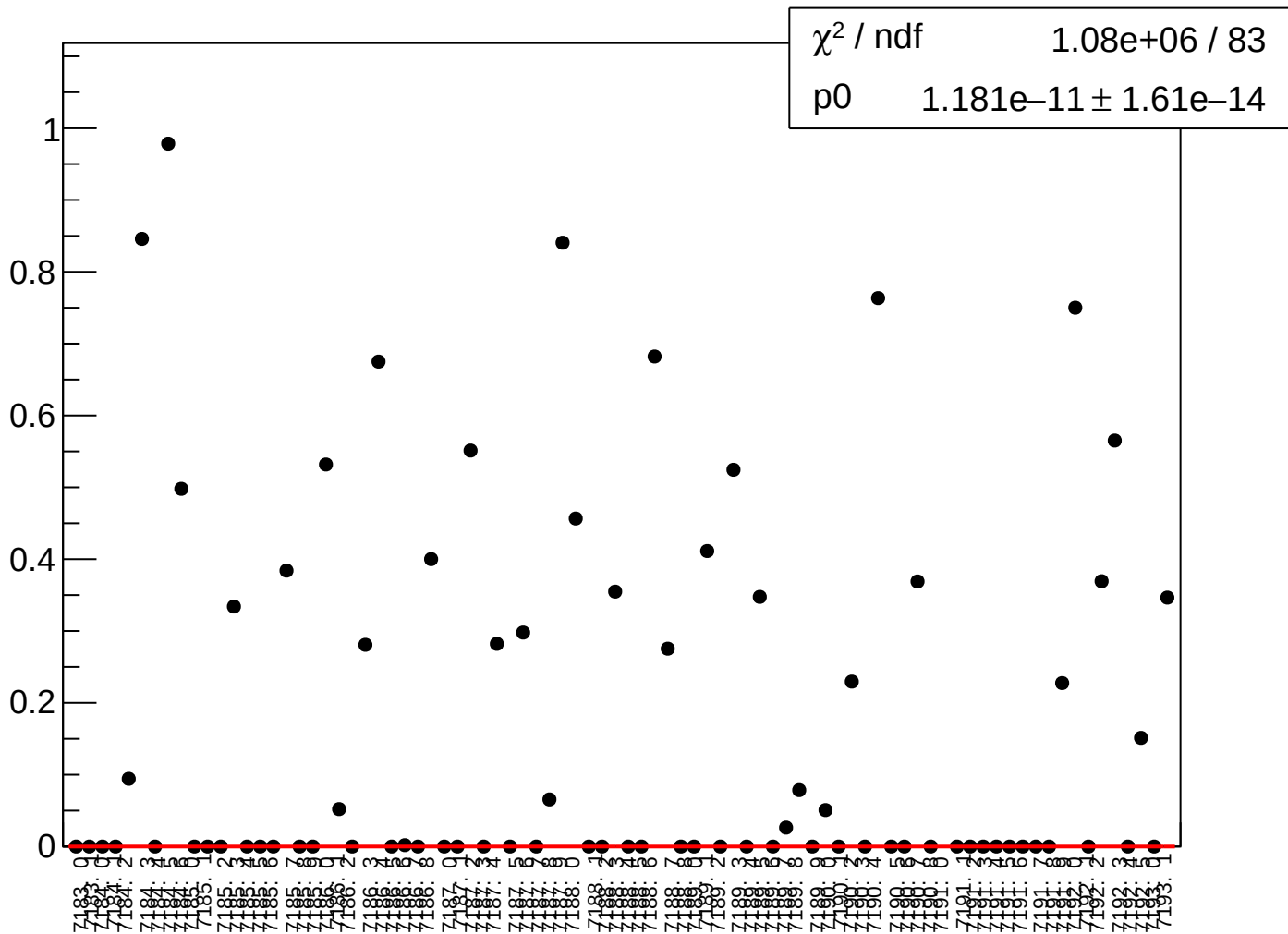
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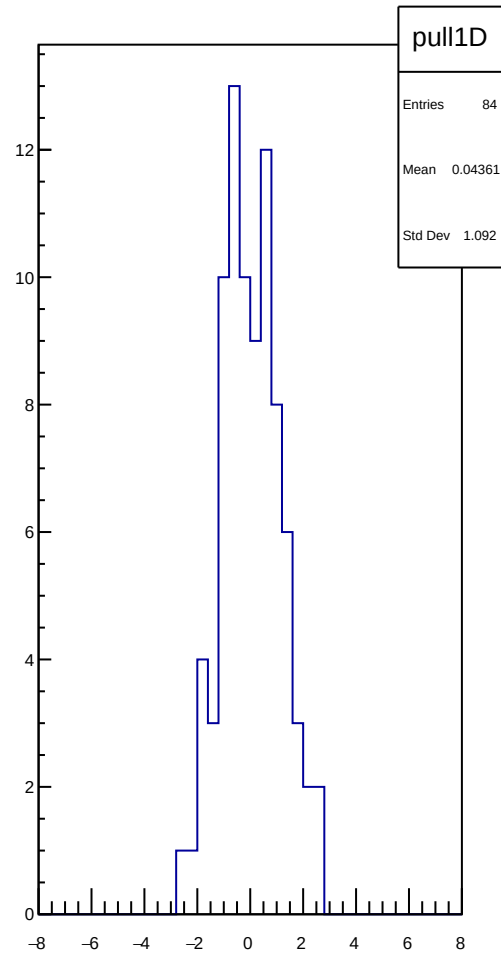
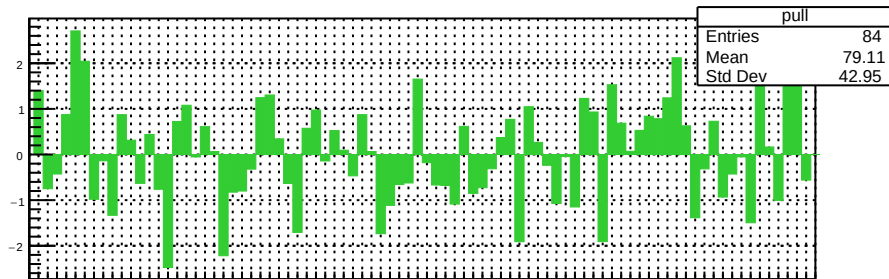
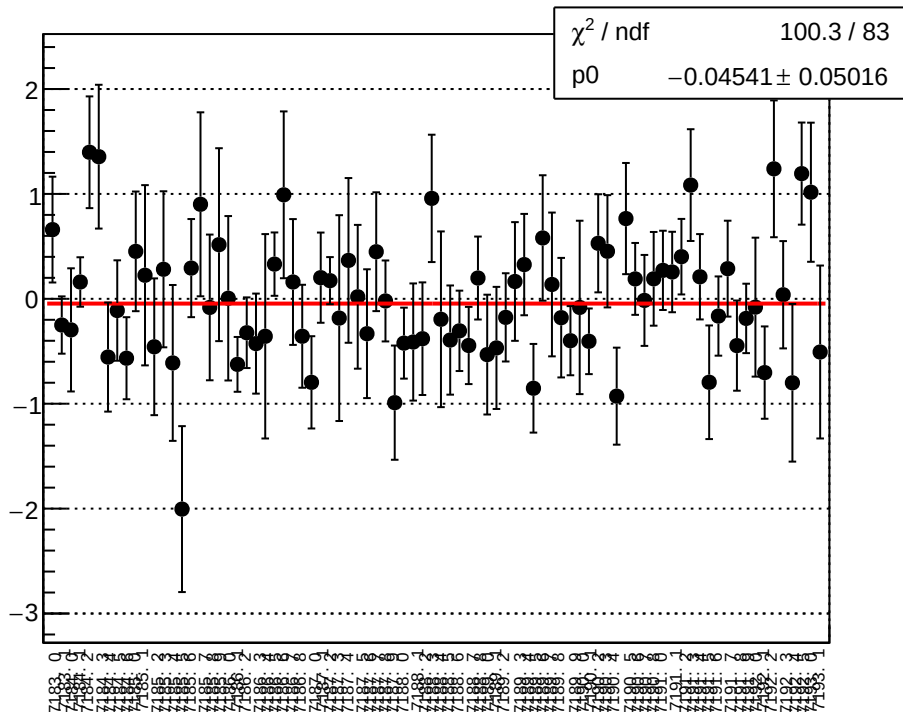
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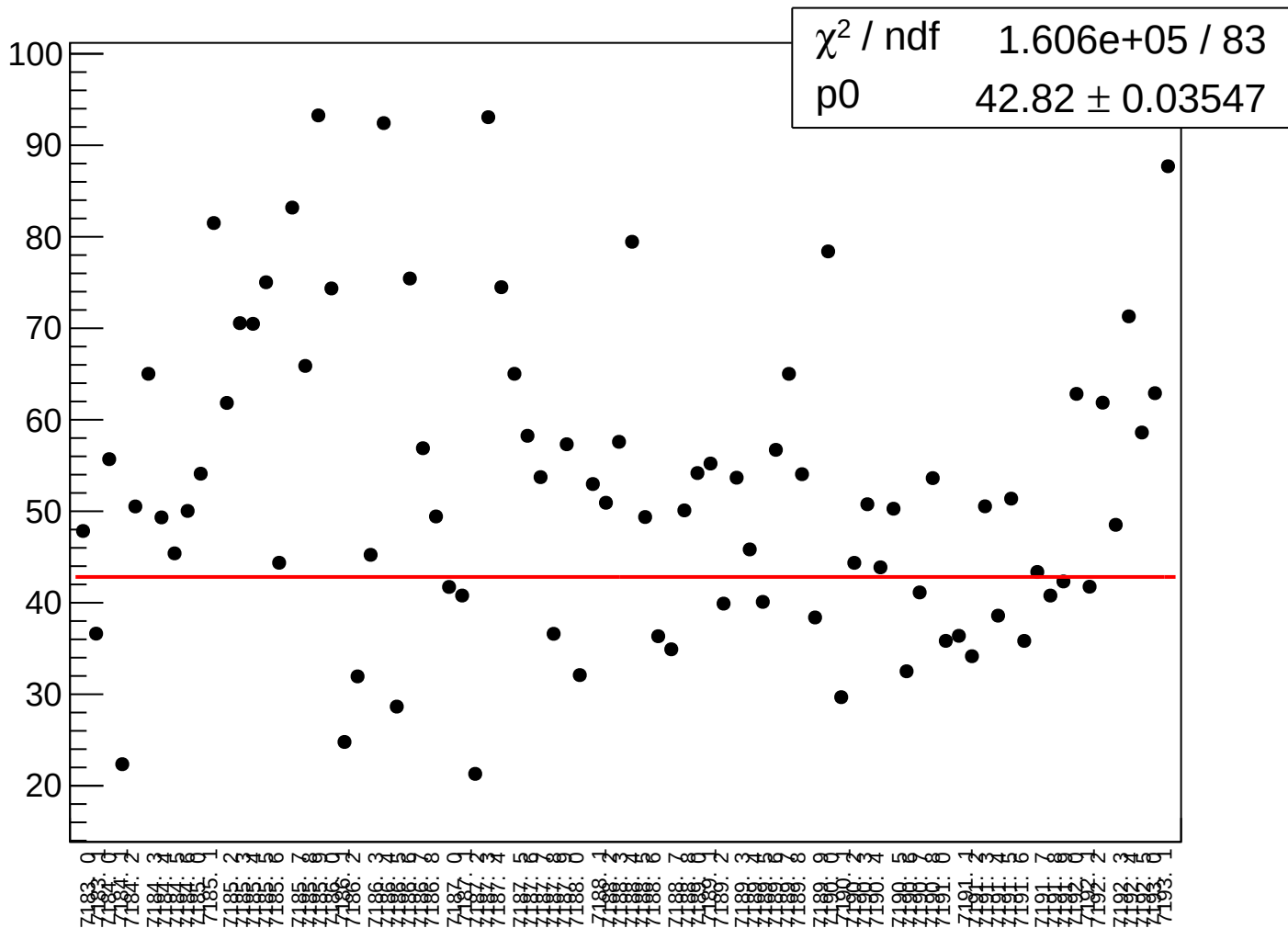
asym us dd atlr dd avg reg vs cor diff rms vs run



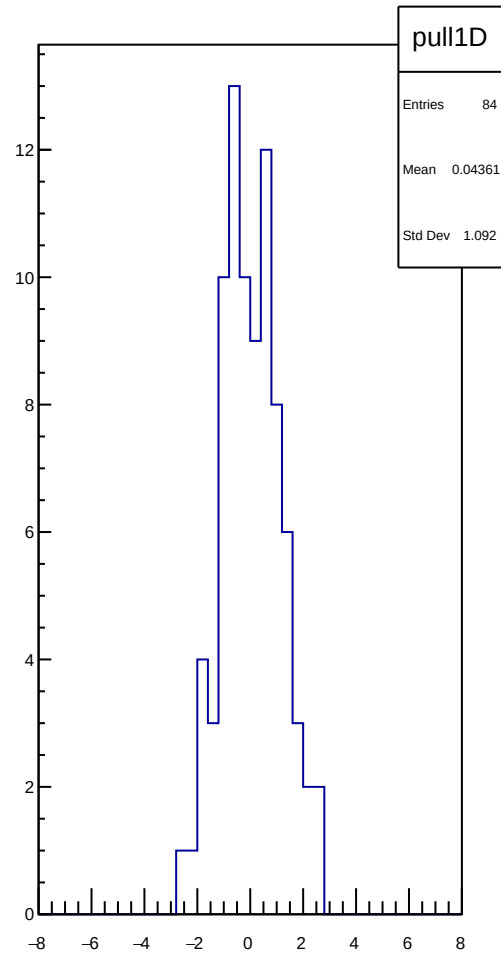
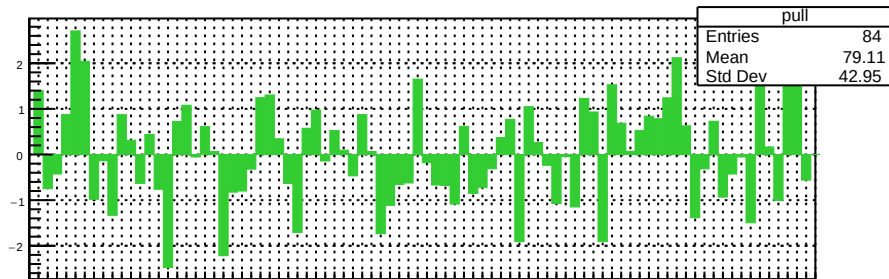
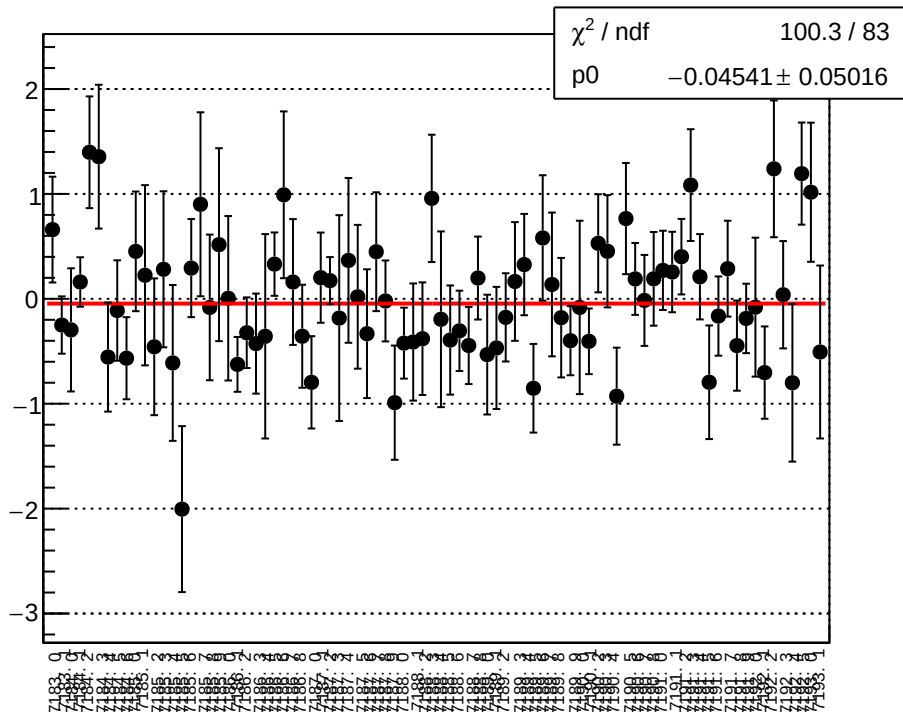
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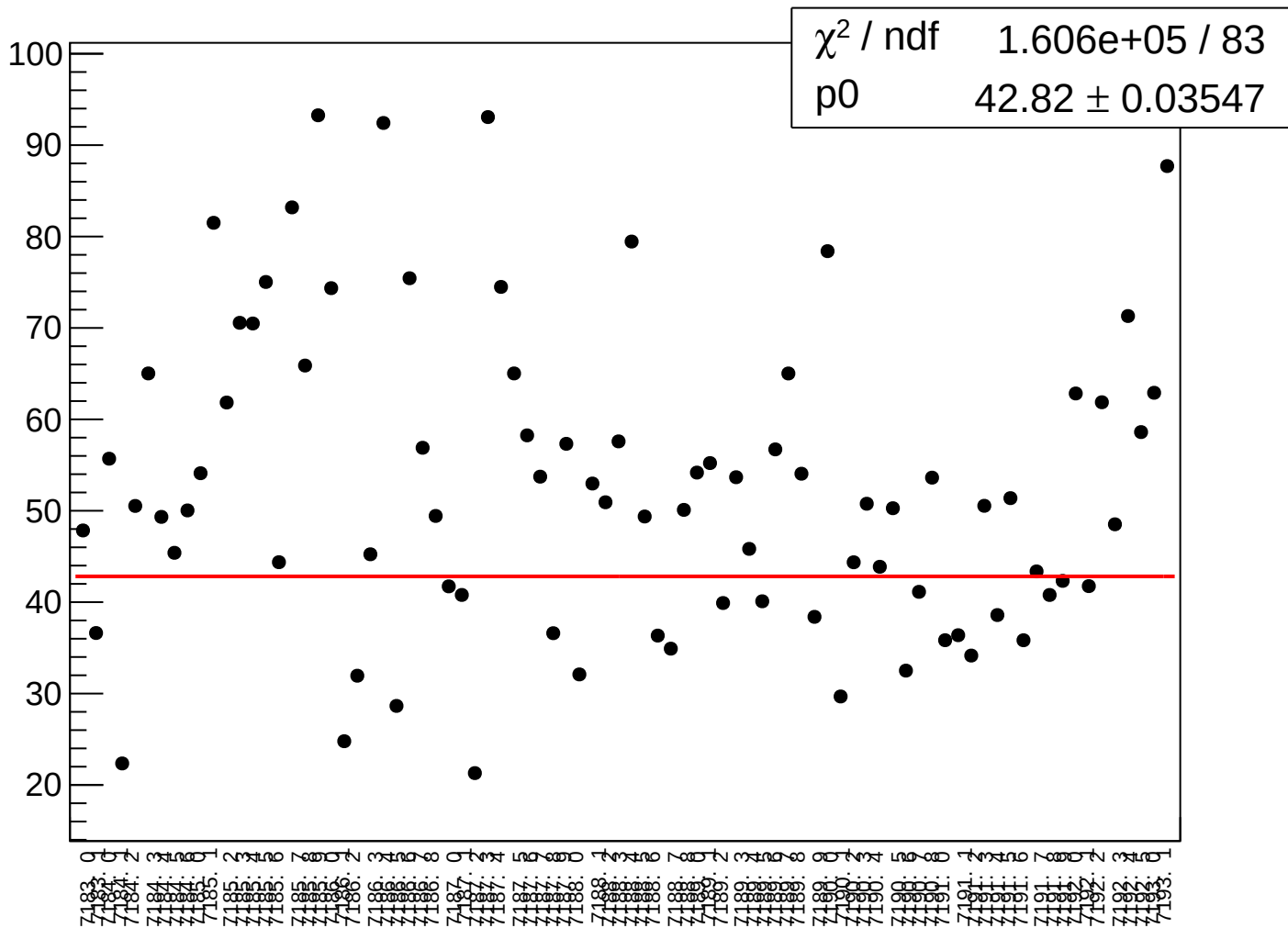
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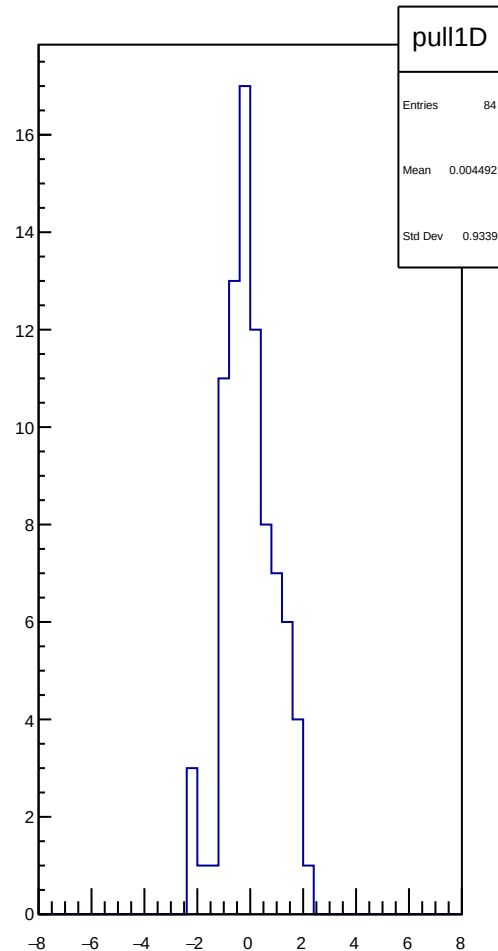
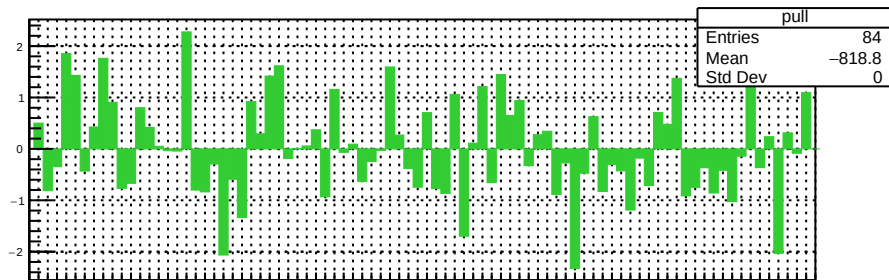
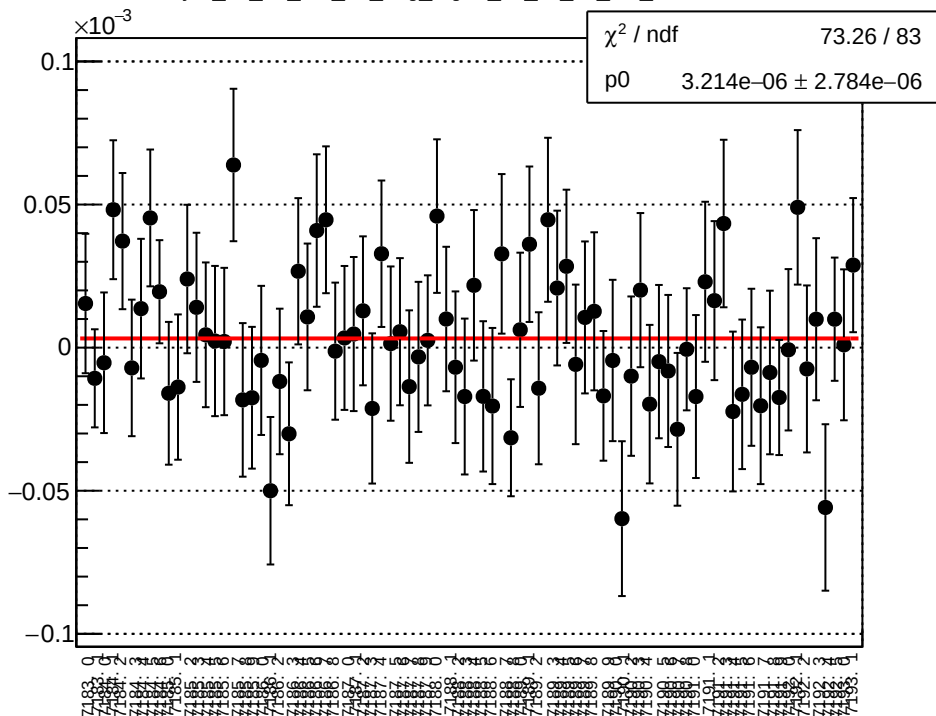
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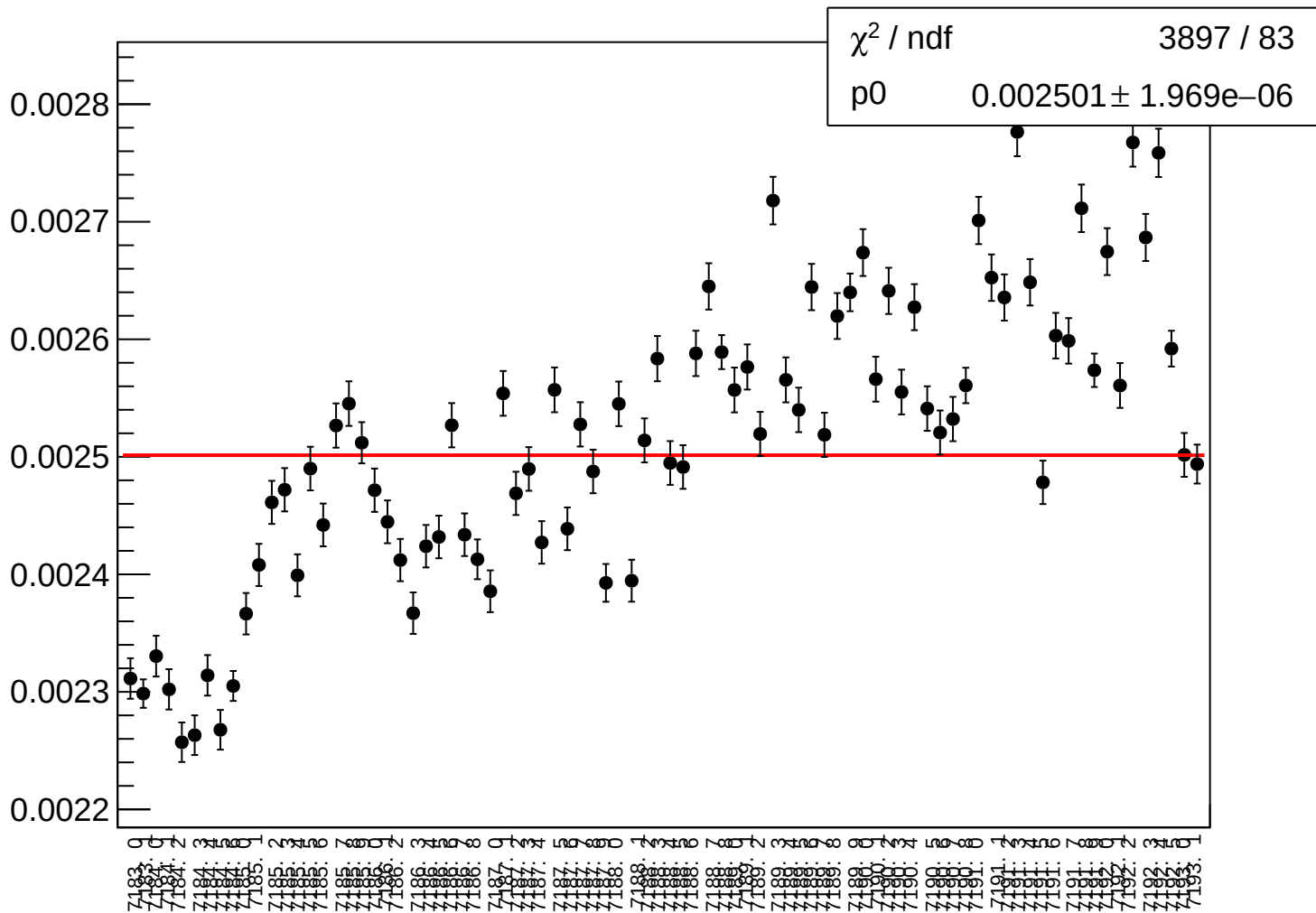
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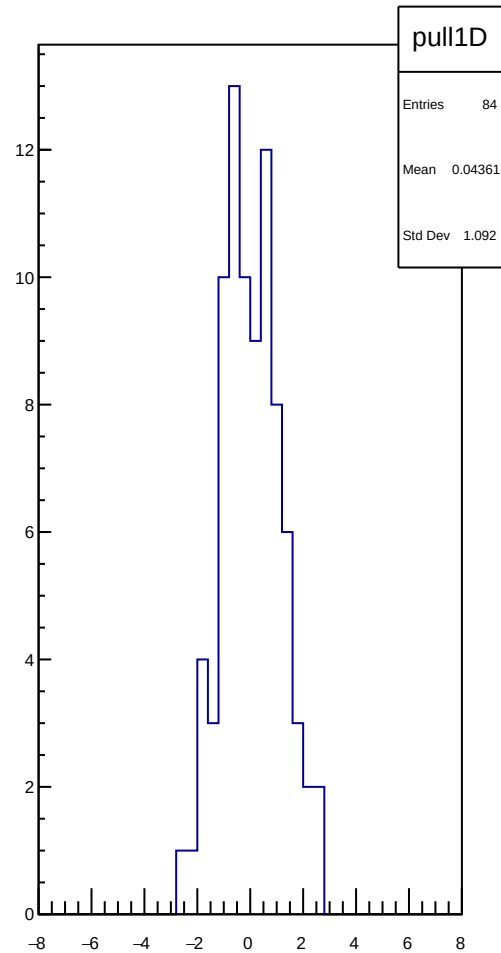
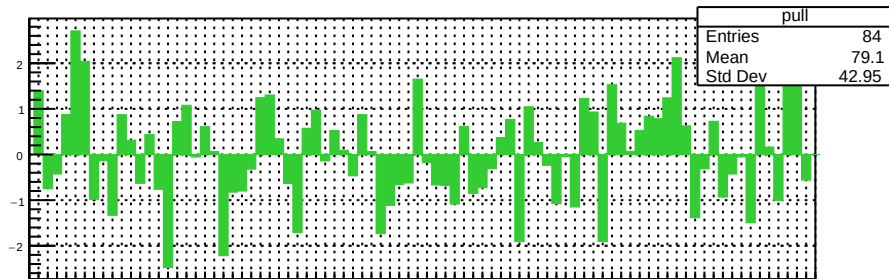
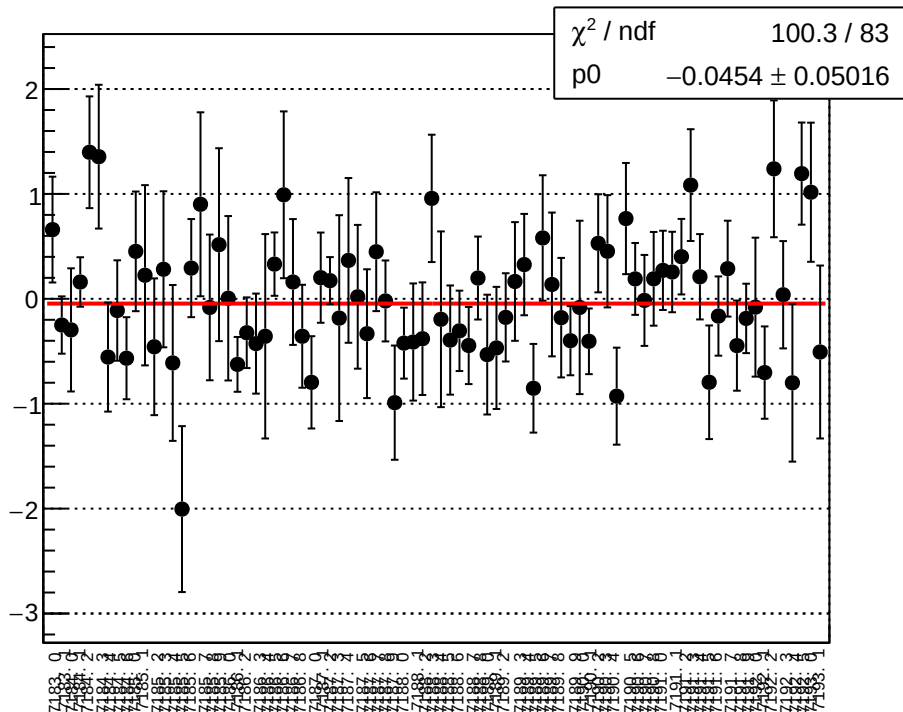
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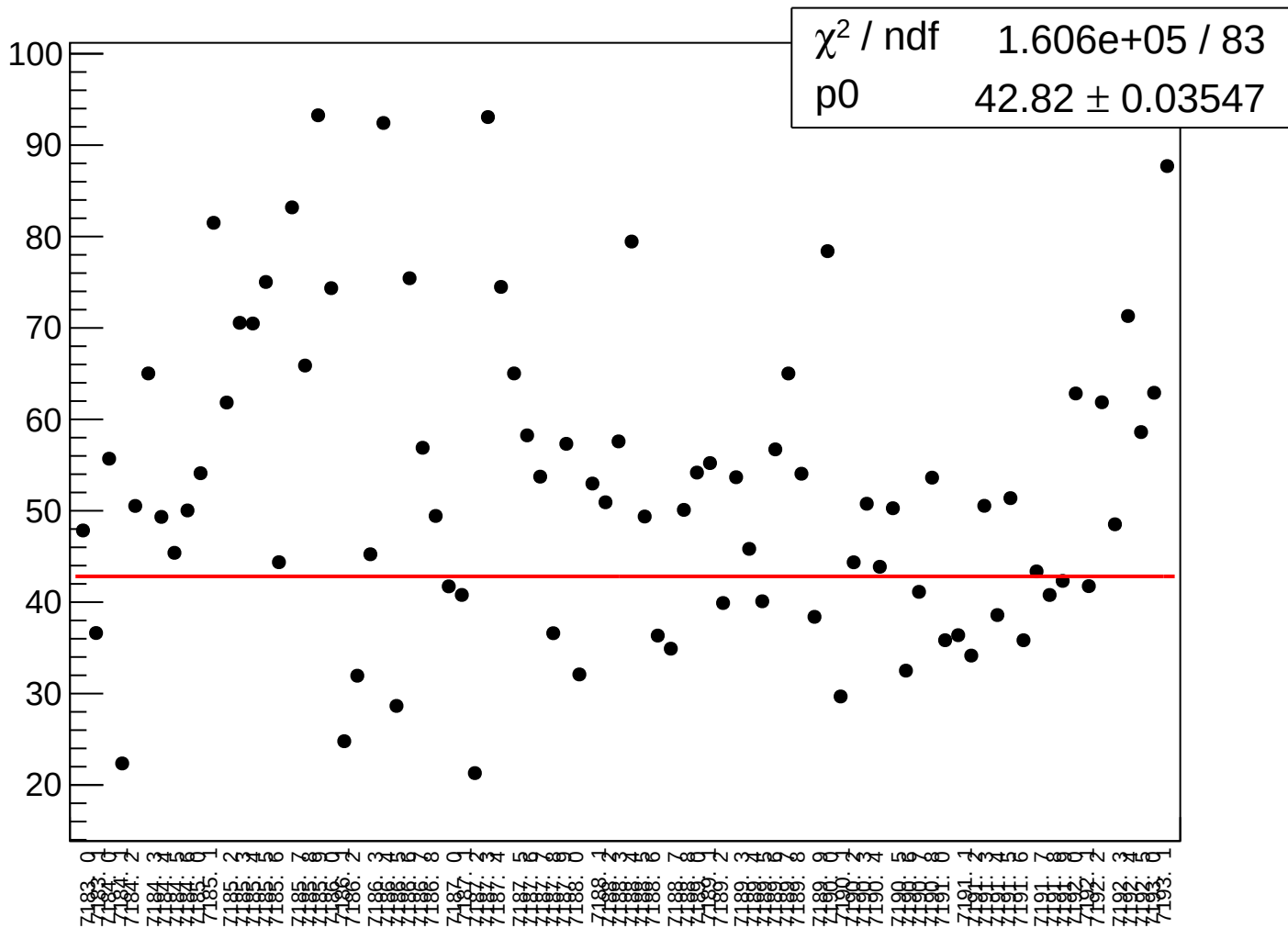
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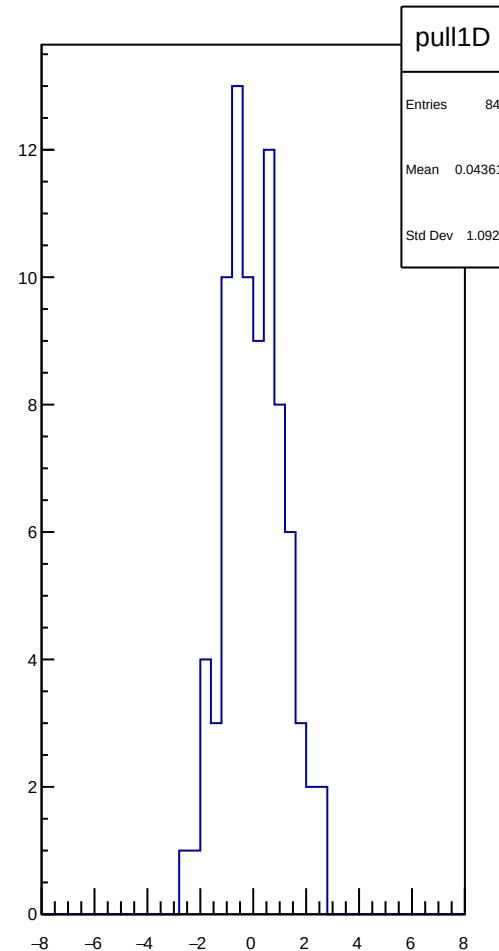
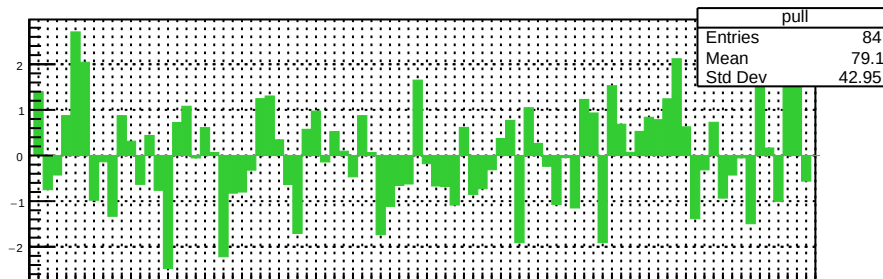
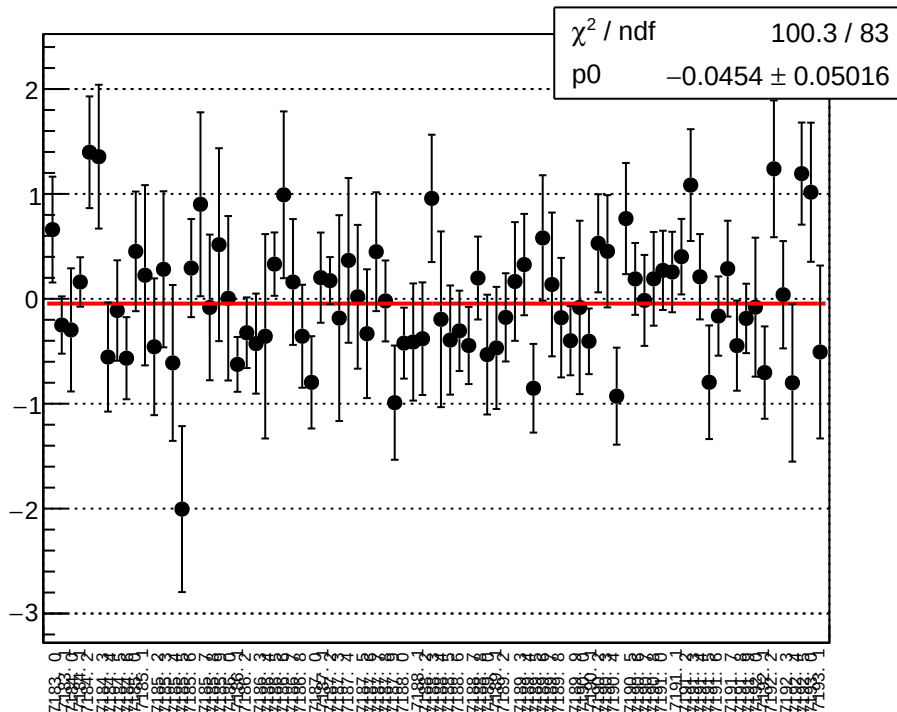
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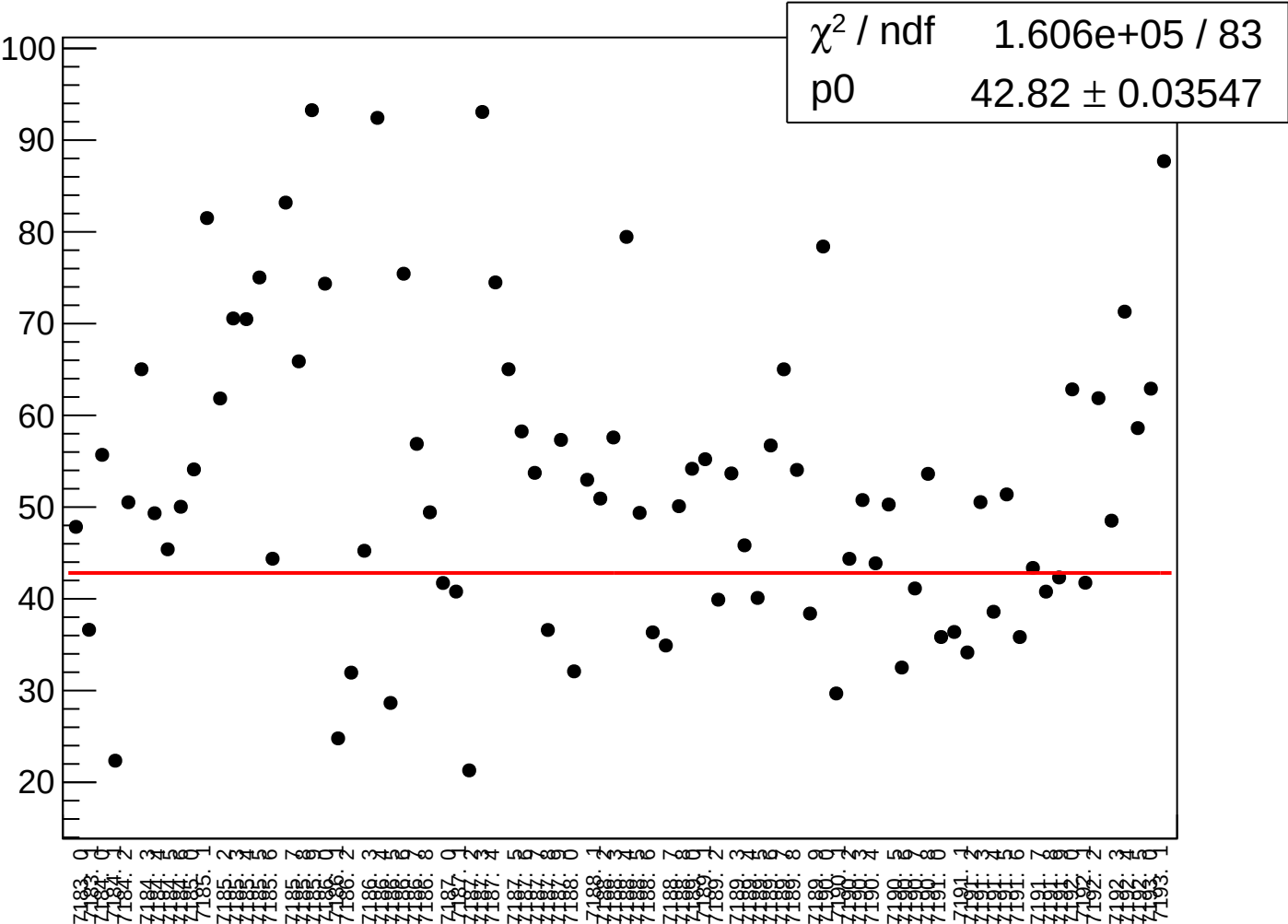
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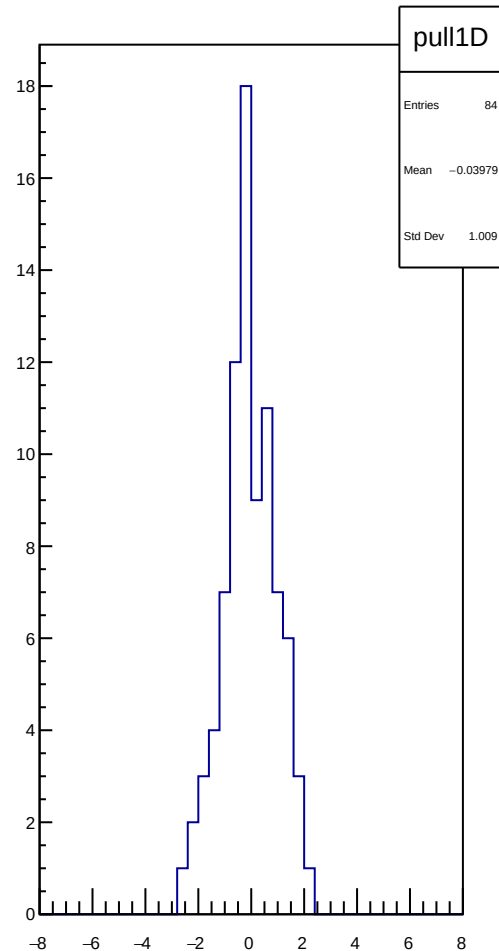
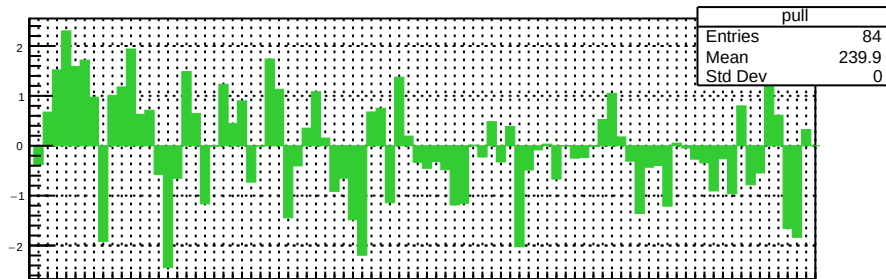
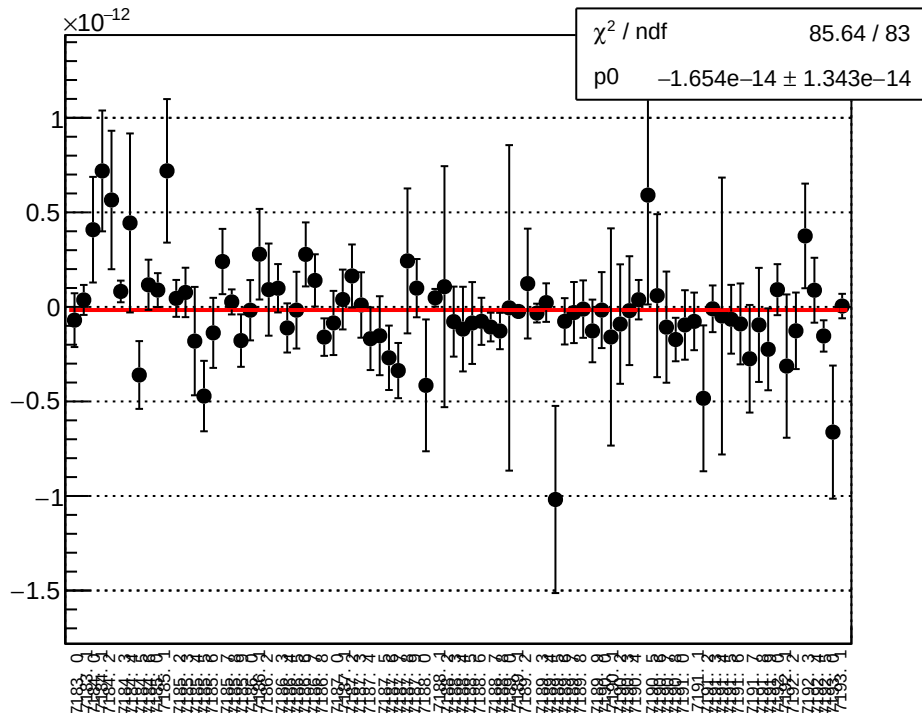
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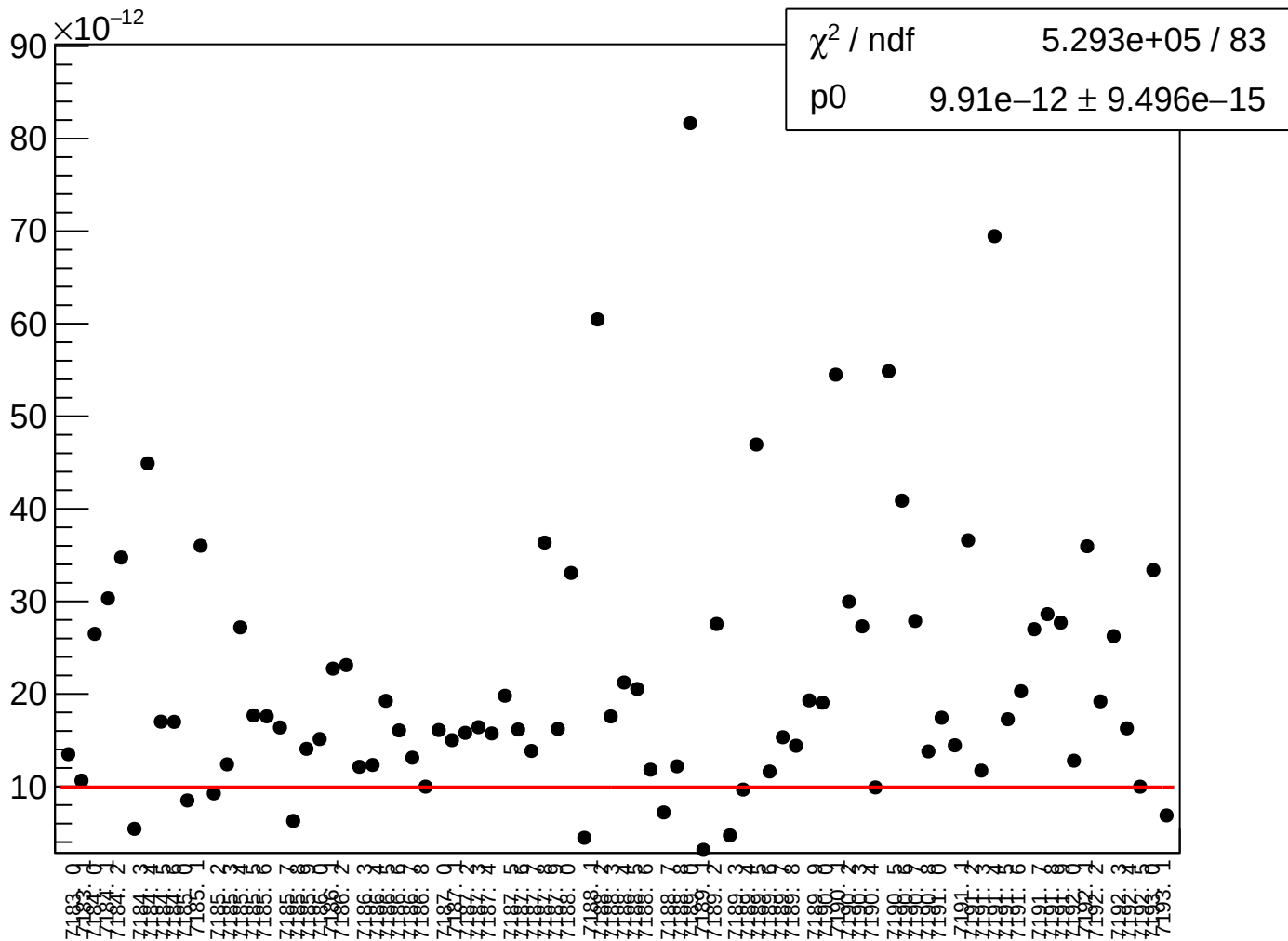
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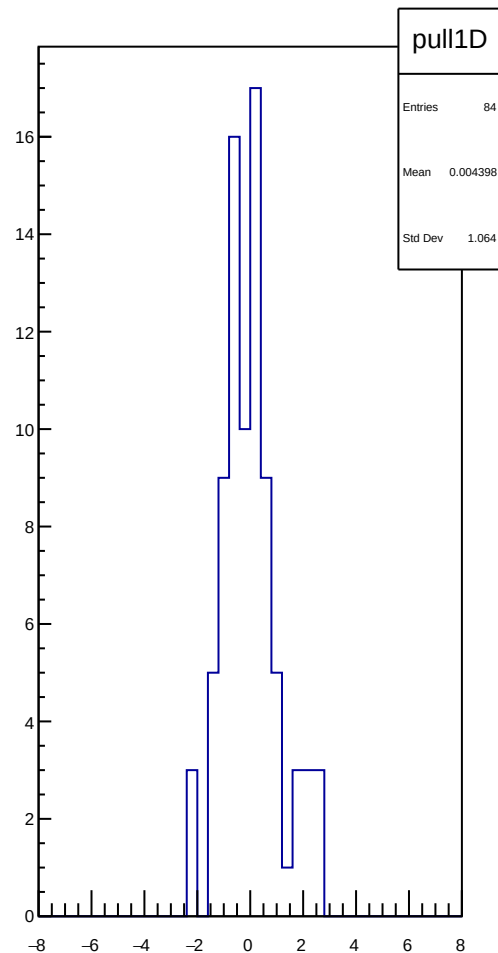
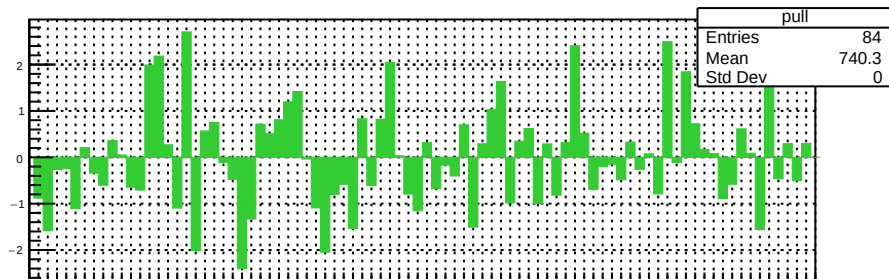
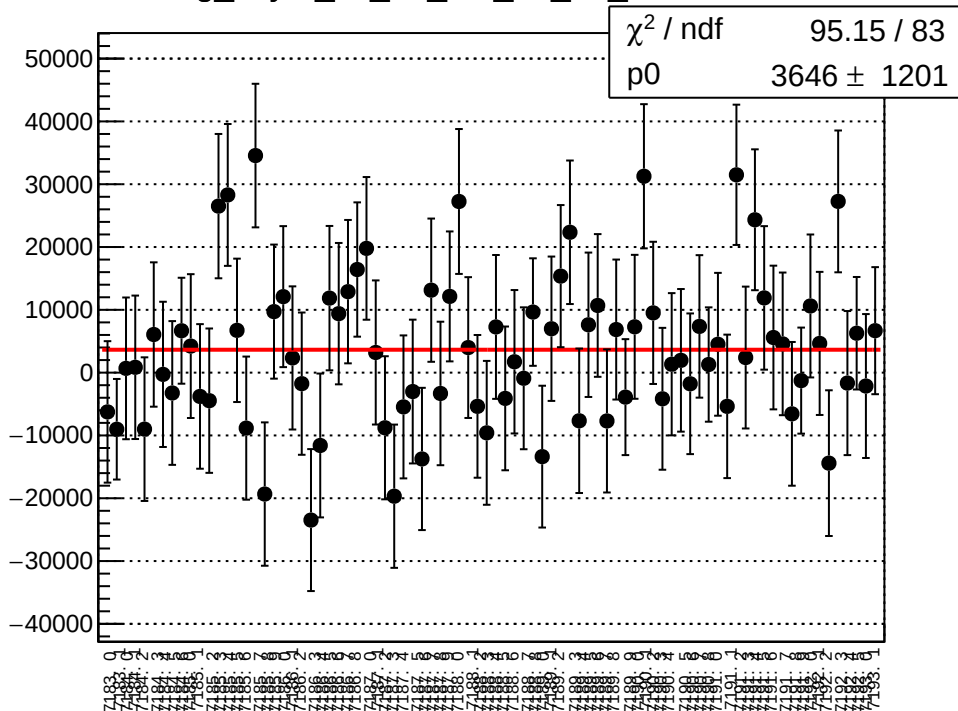
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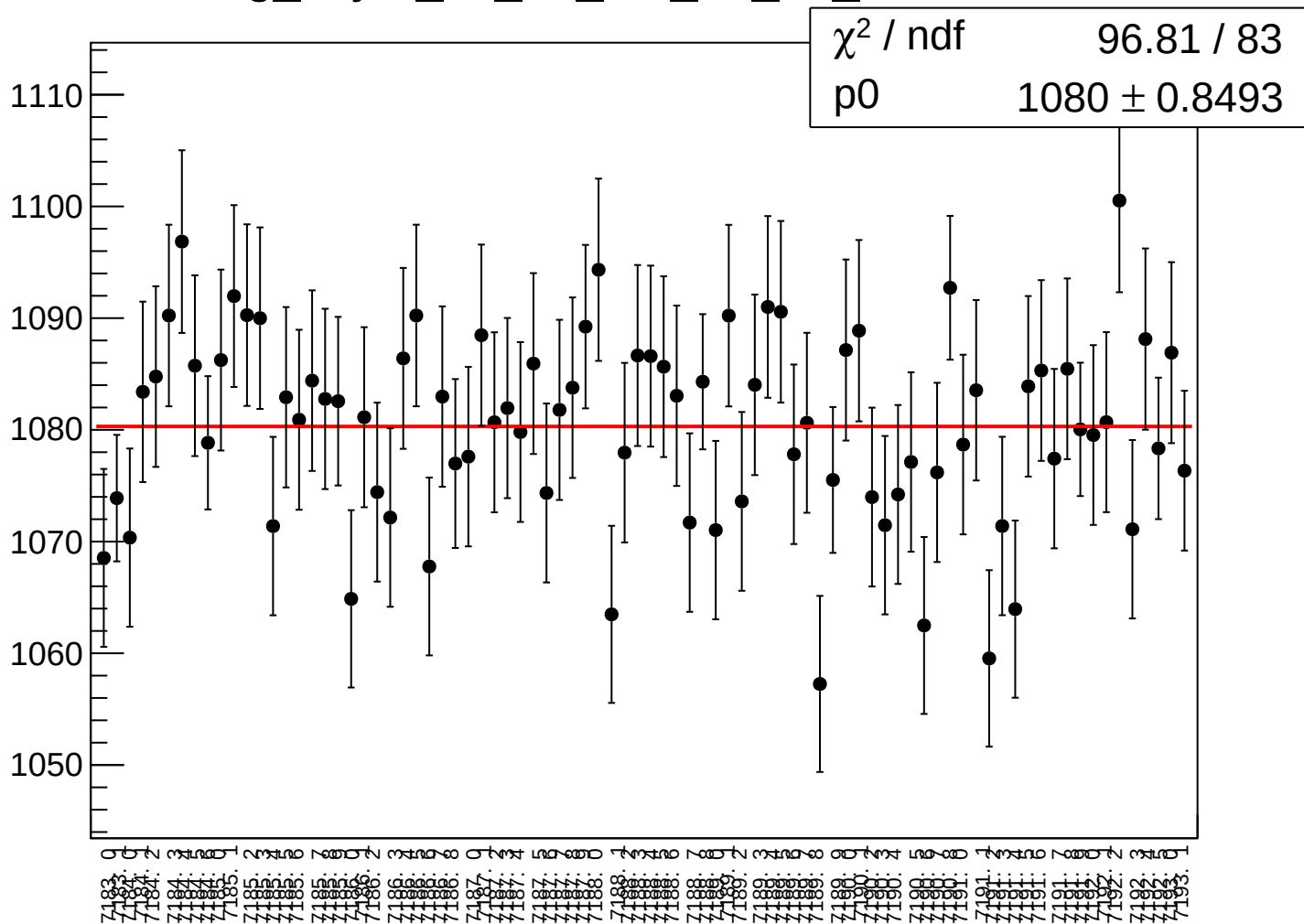
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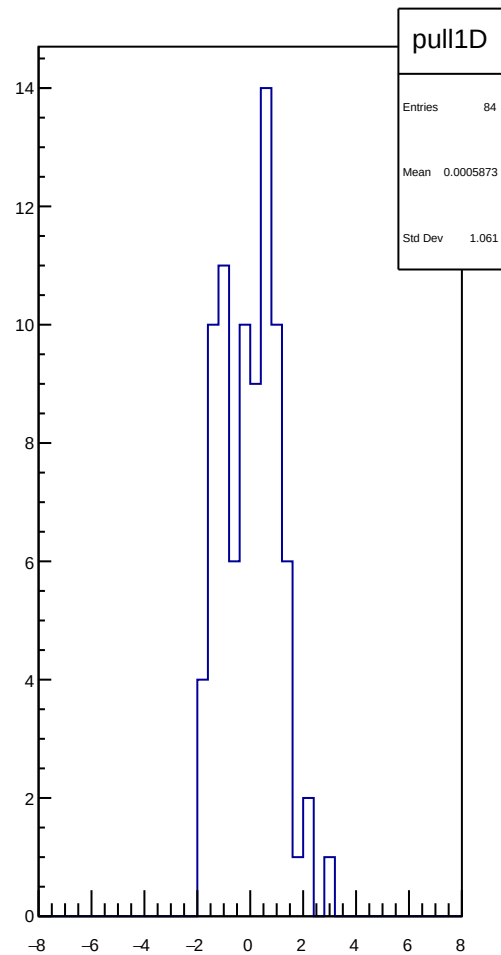
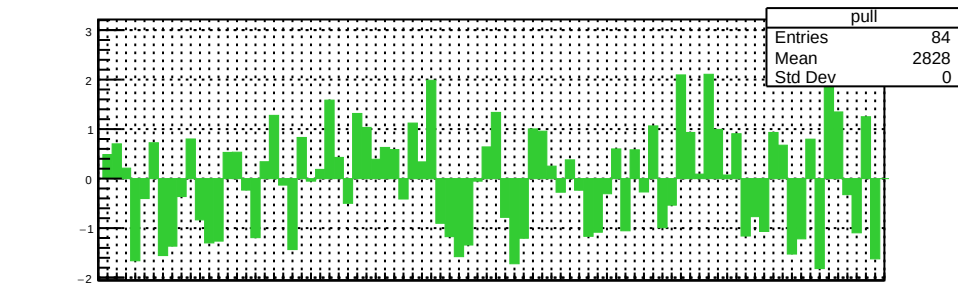
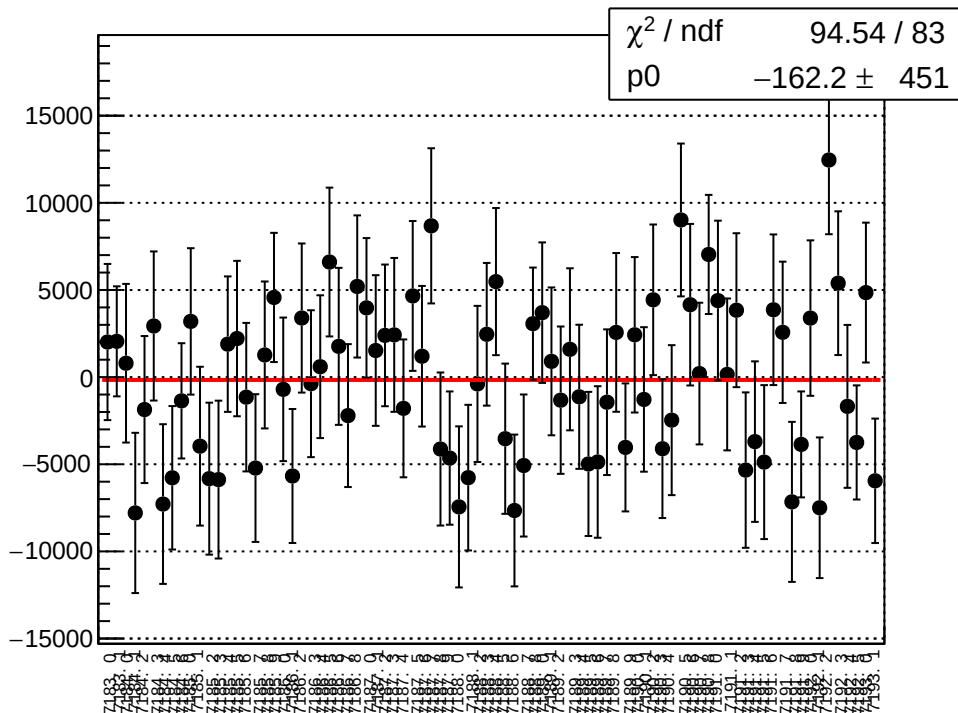
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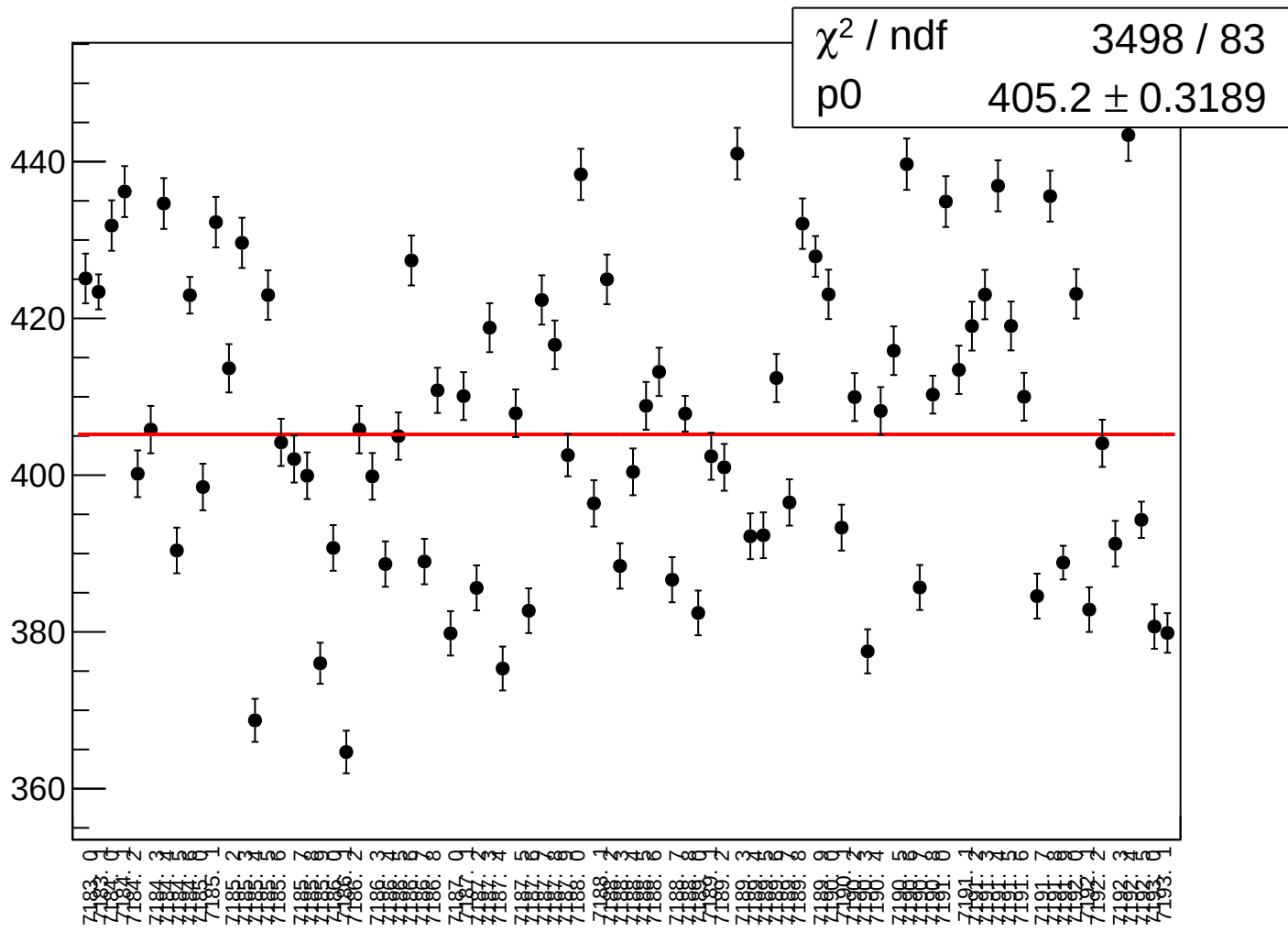
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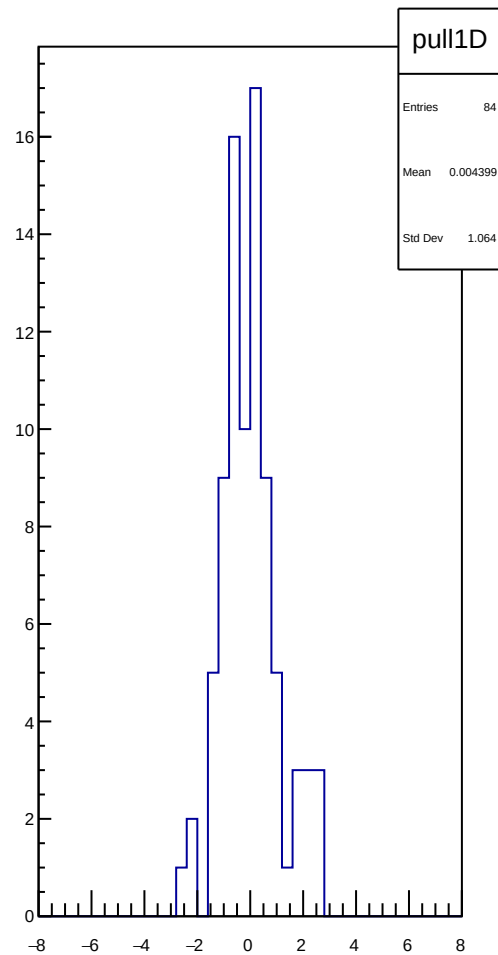
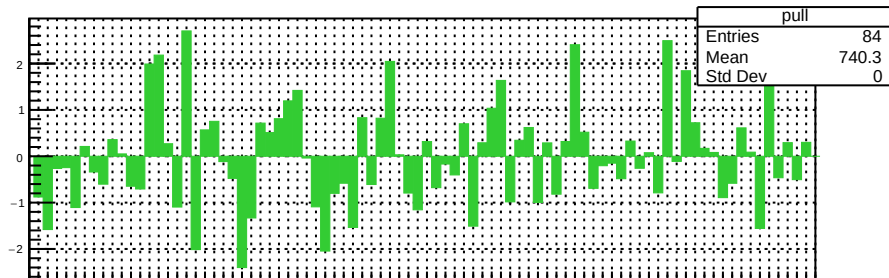
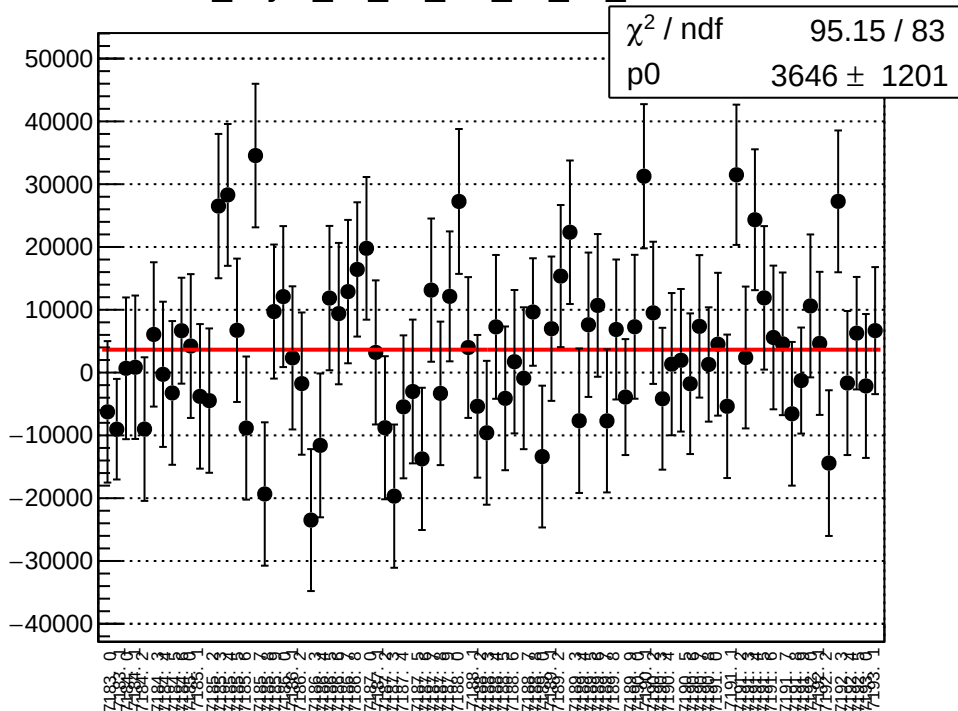
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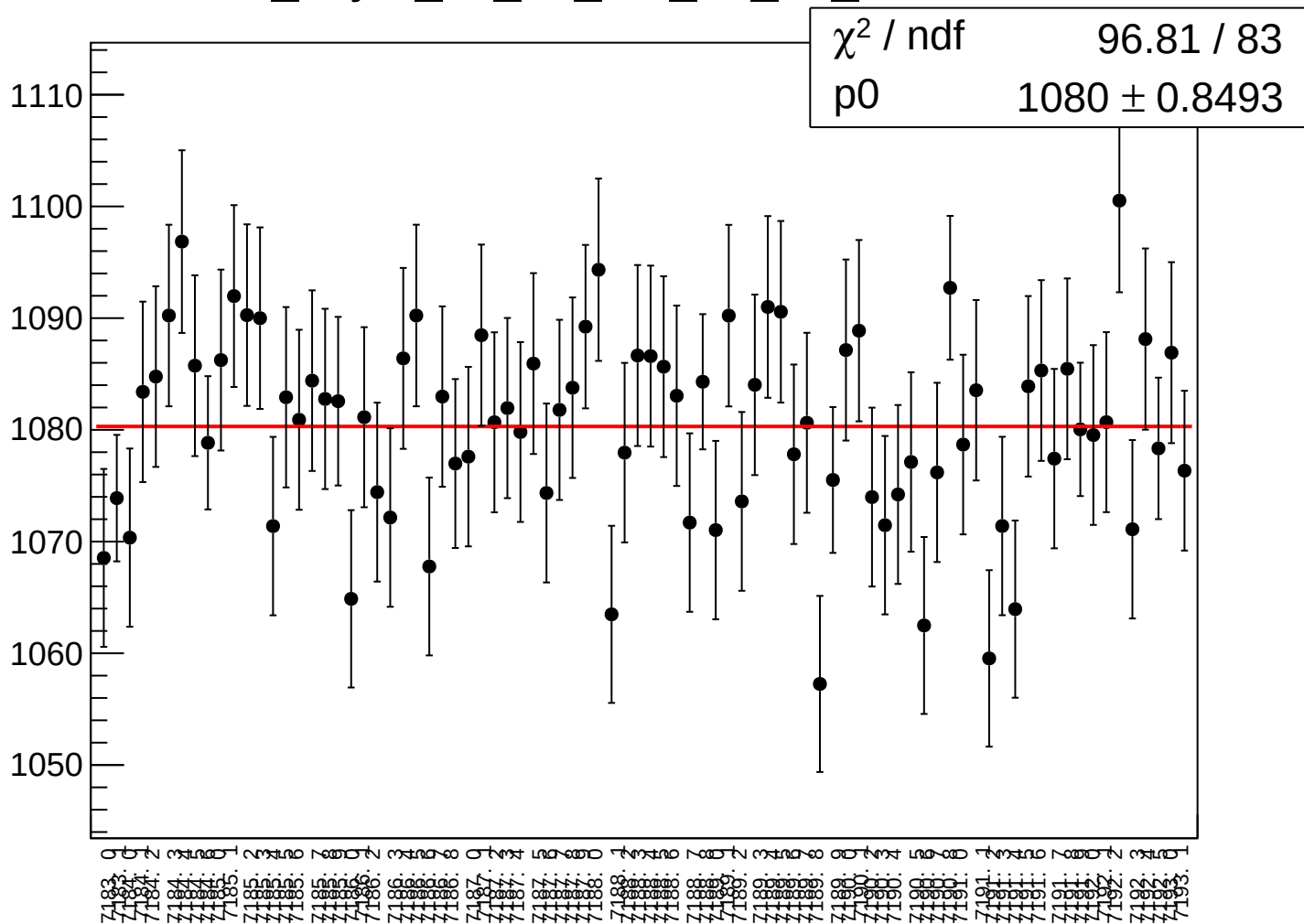
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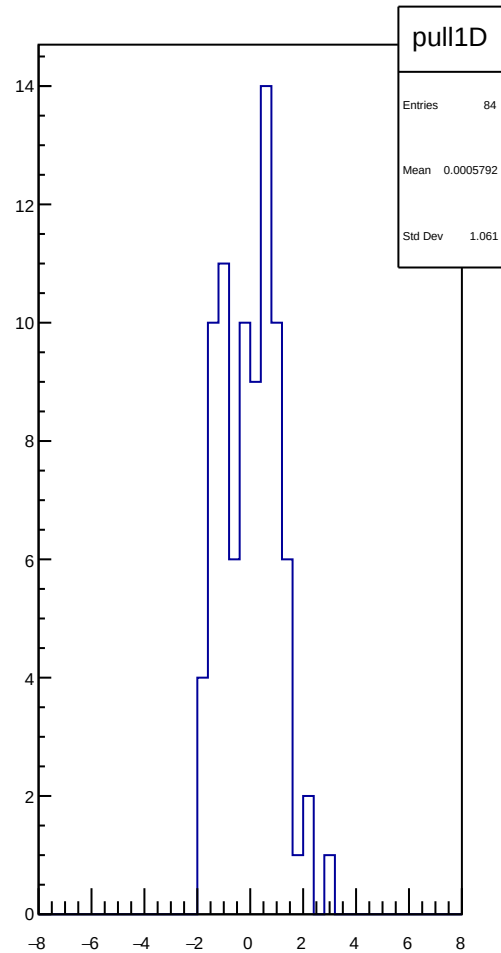
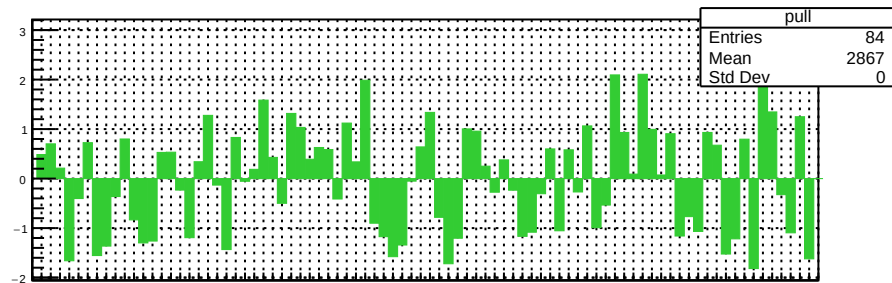
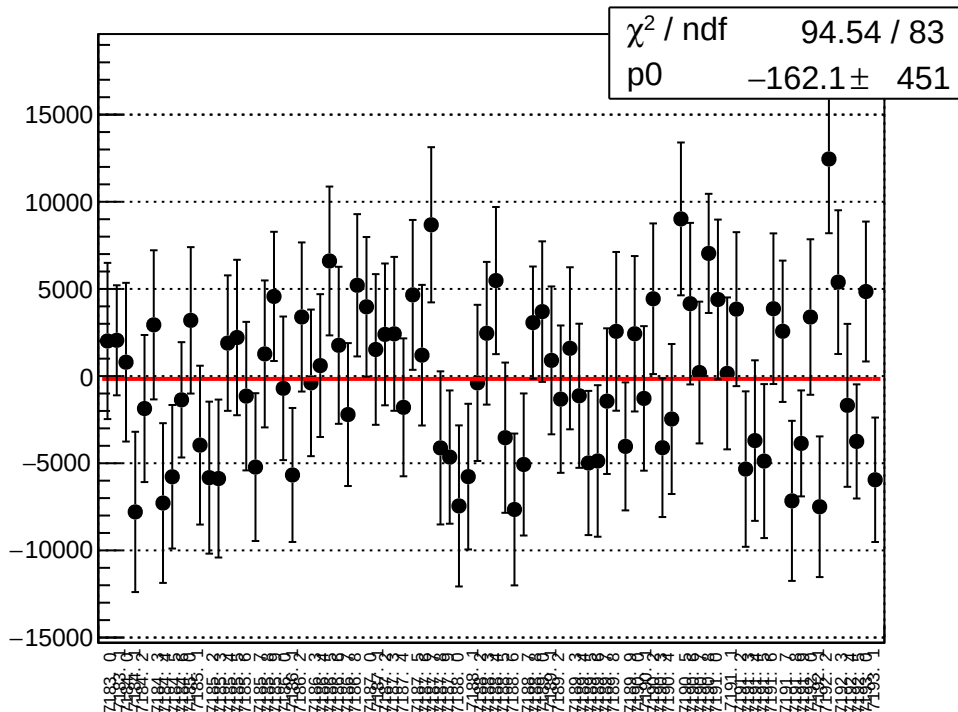
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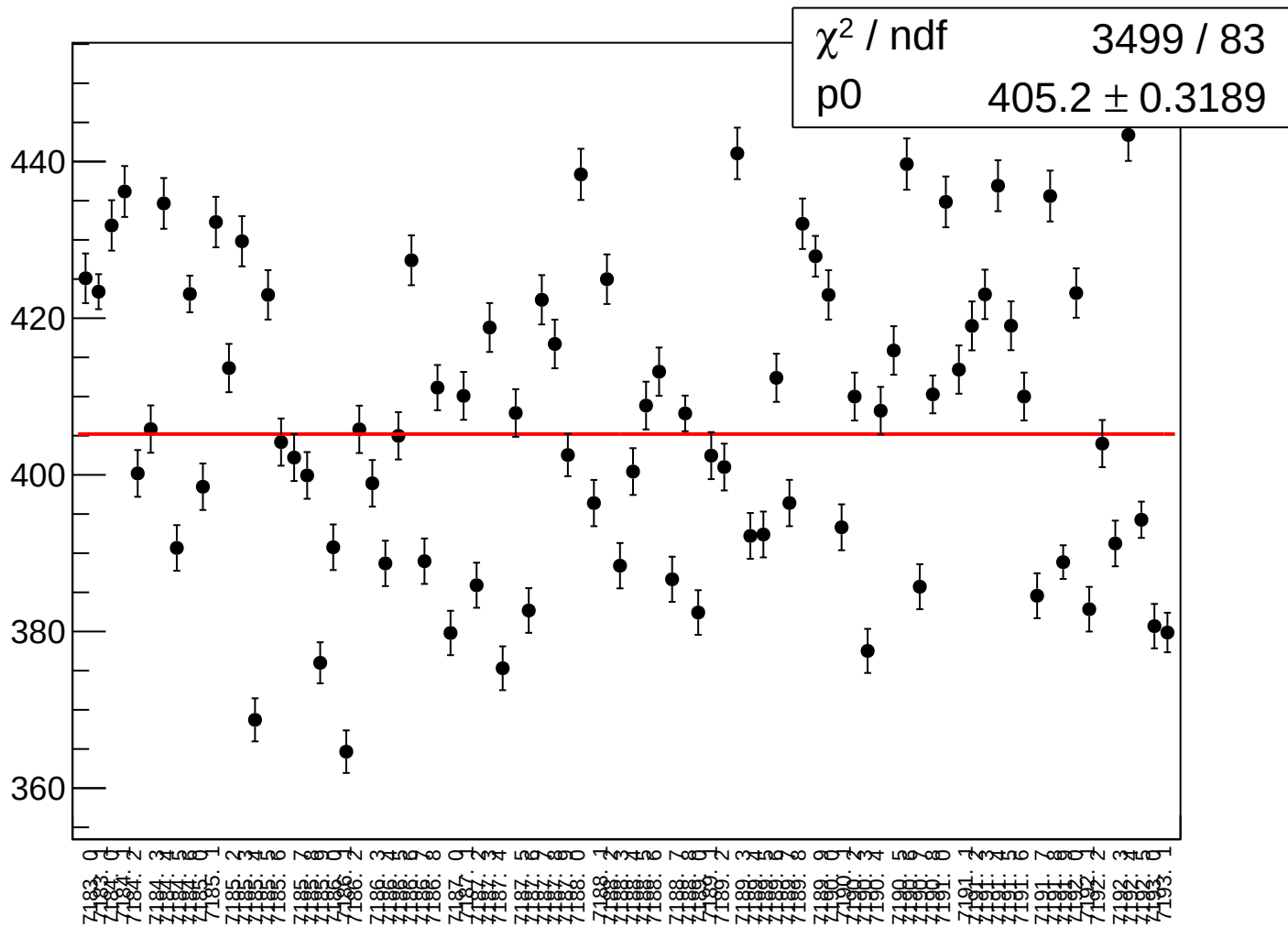
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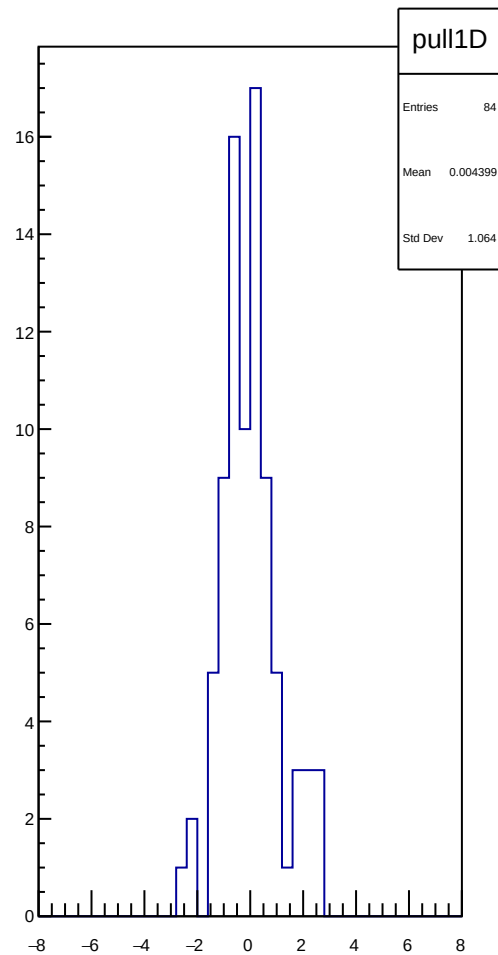
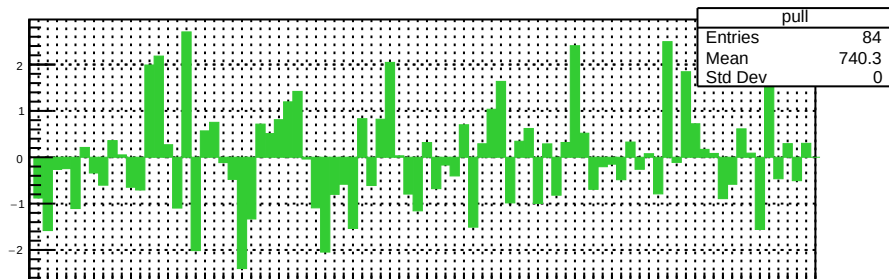
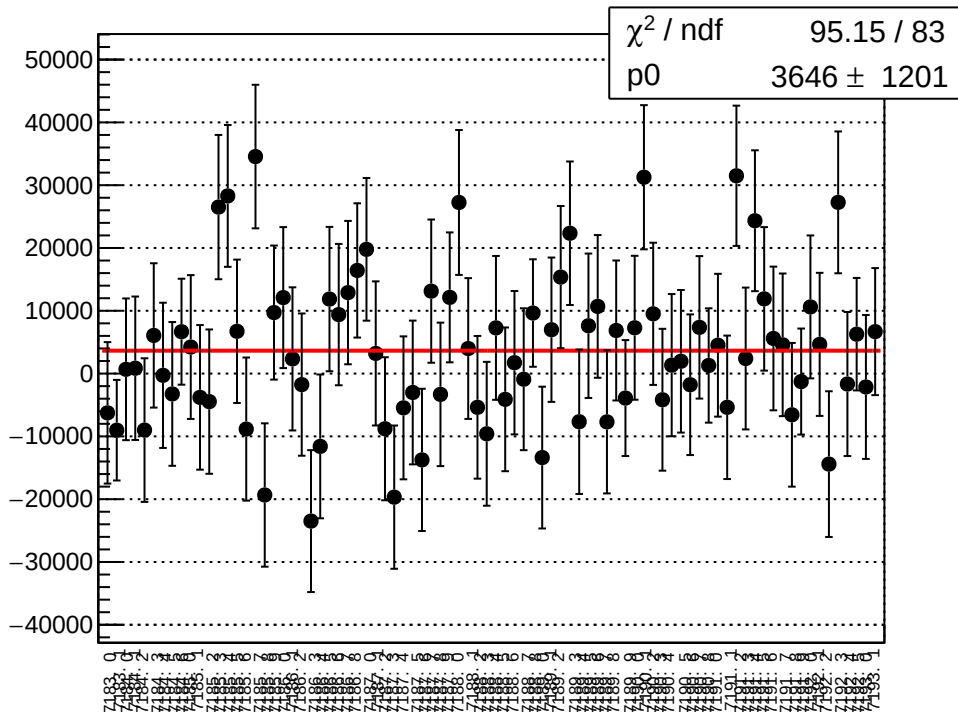
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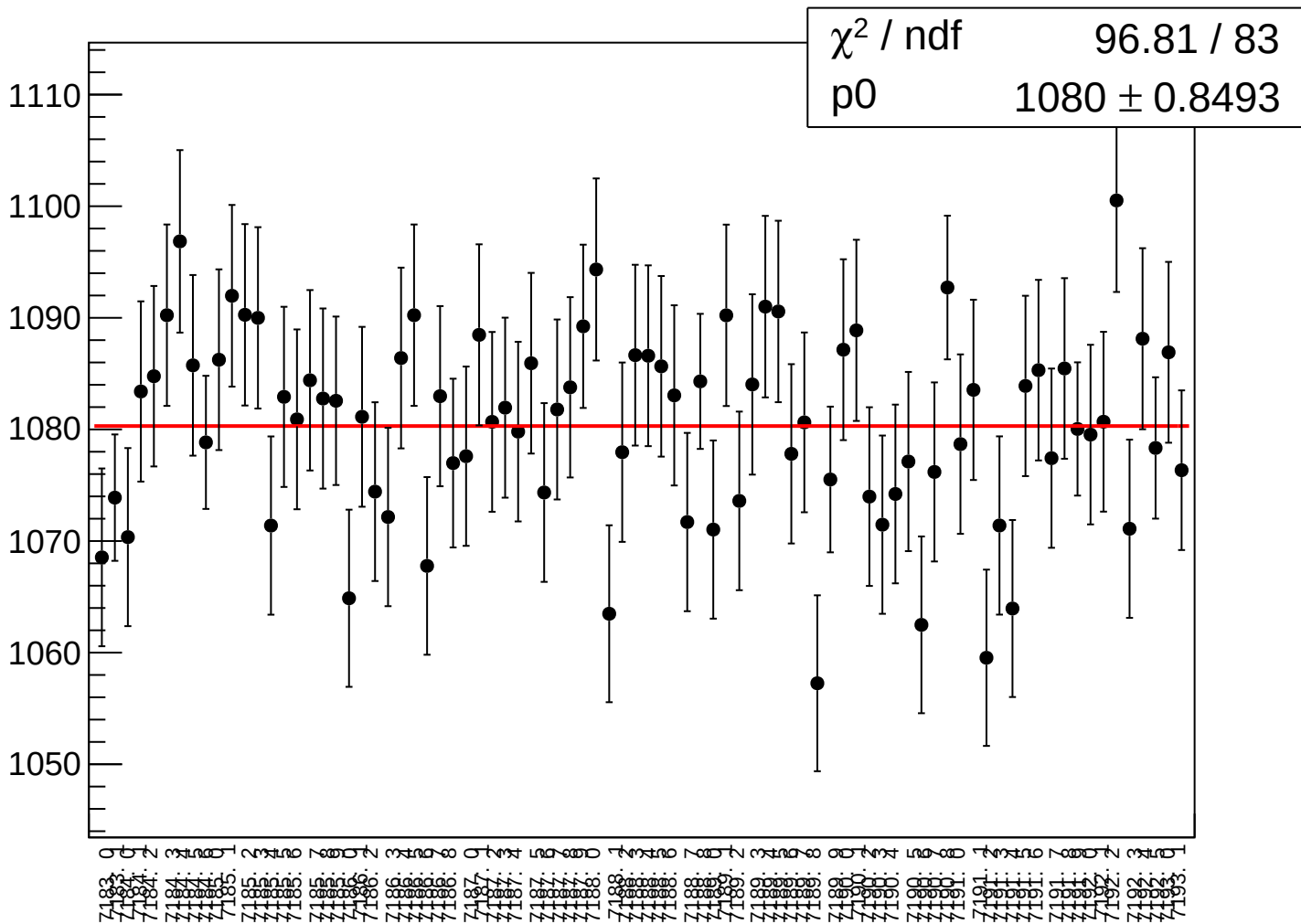
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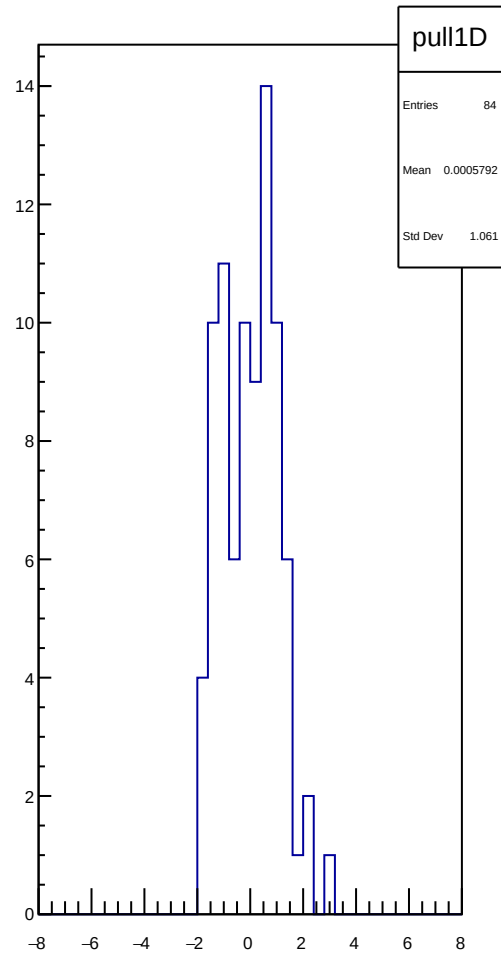
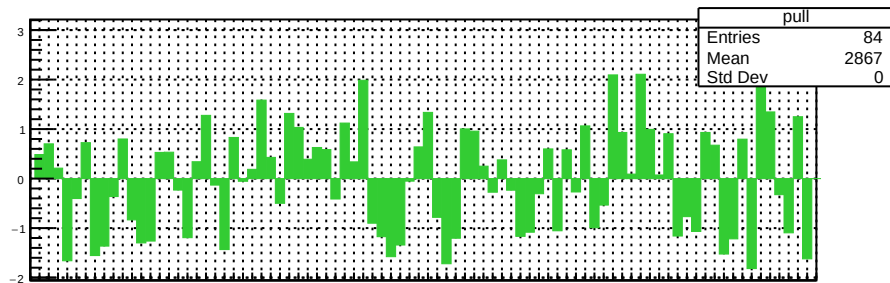
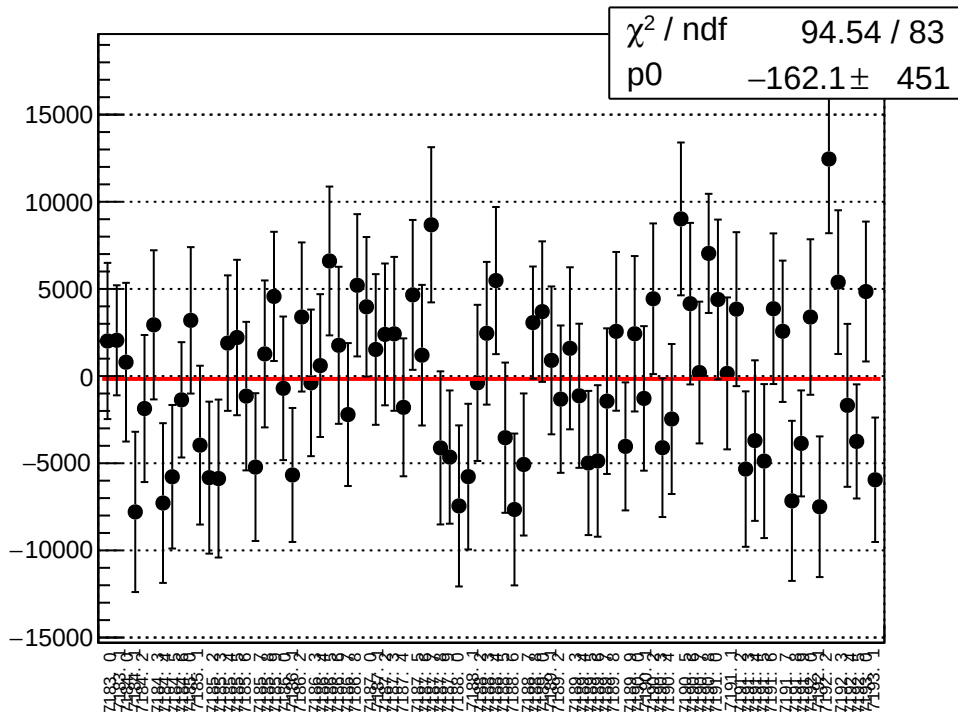
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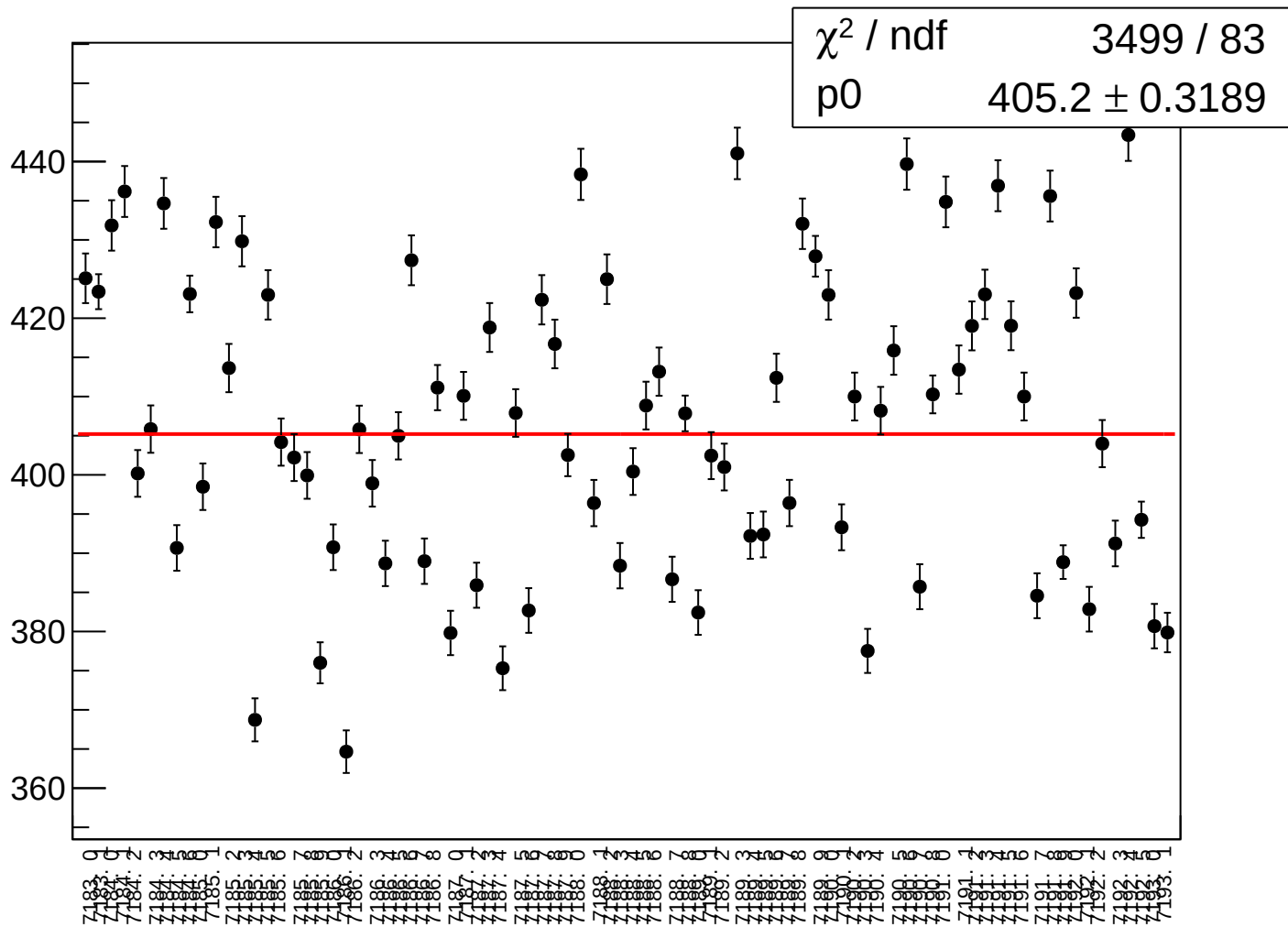
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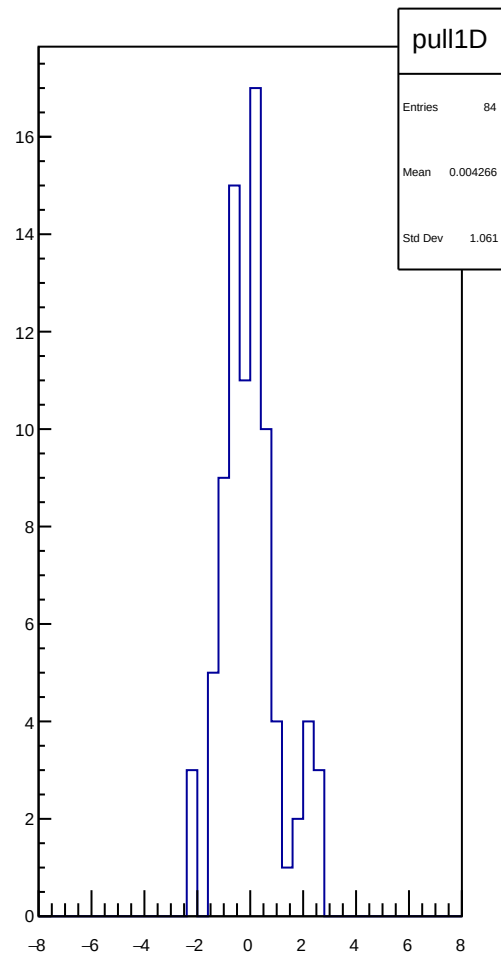
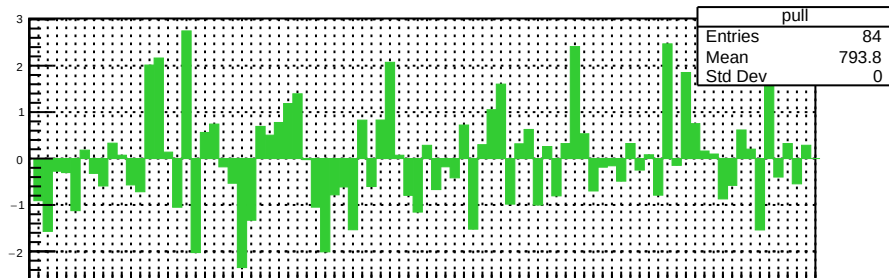
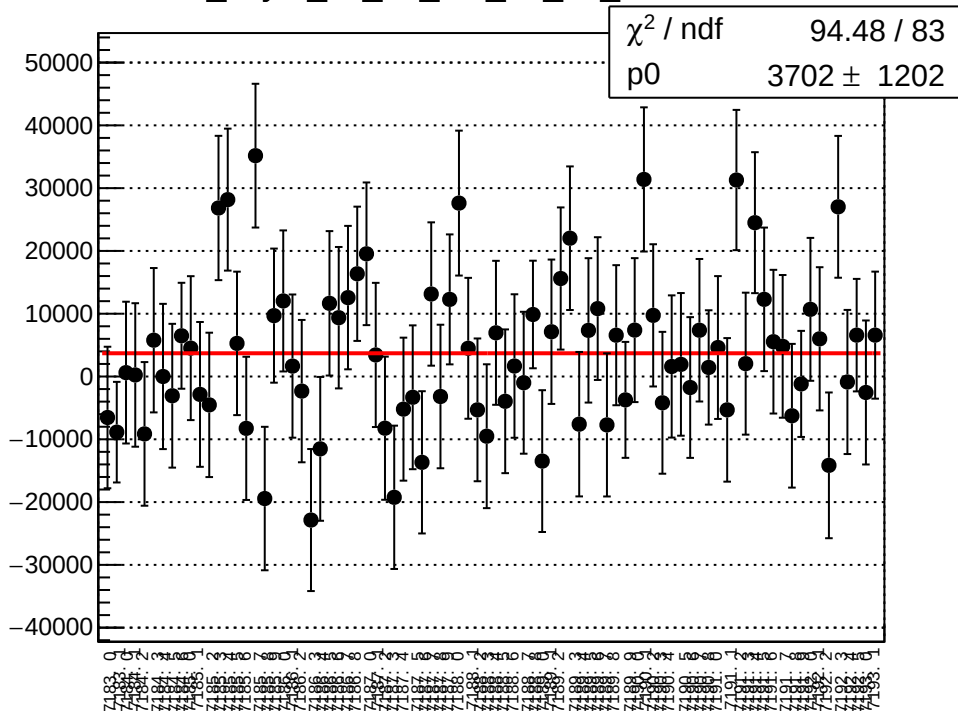
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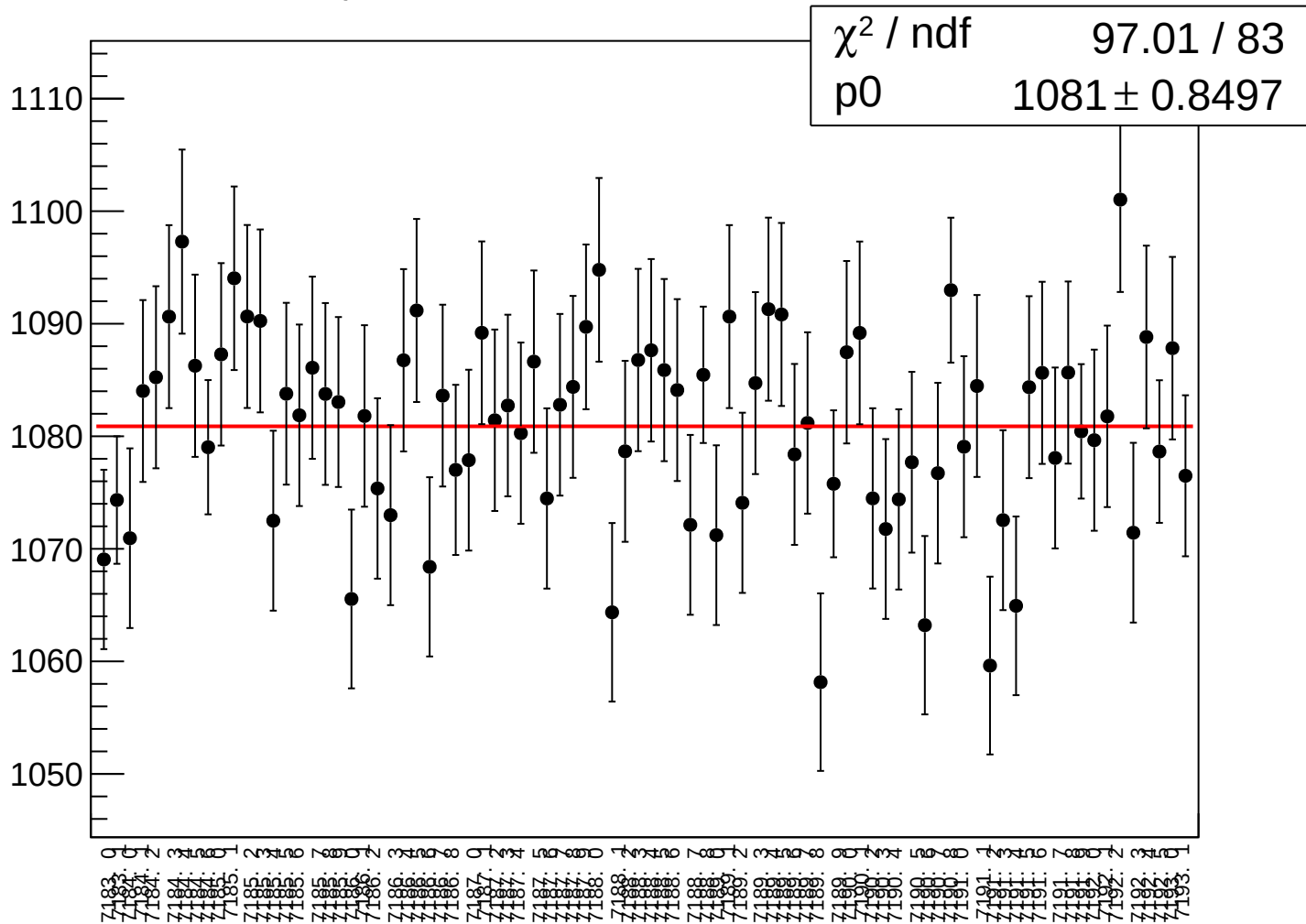
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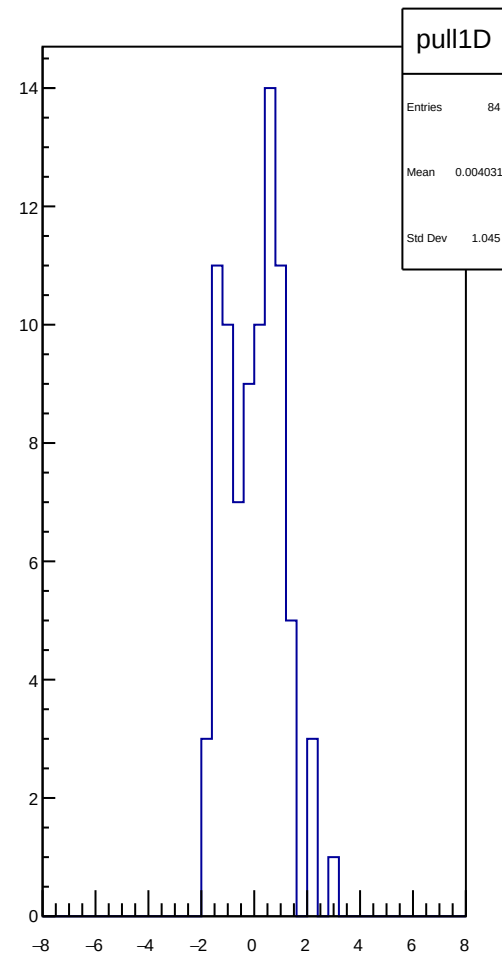
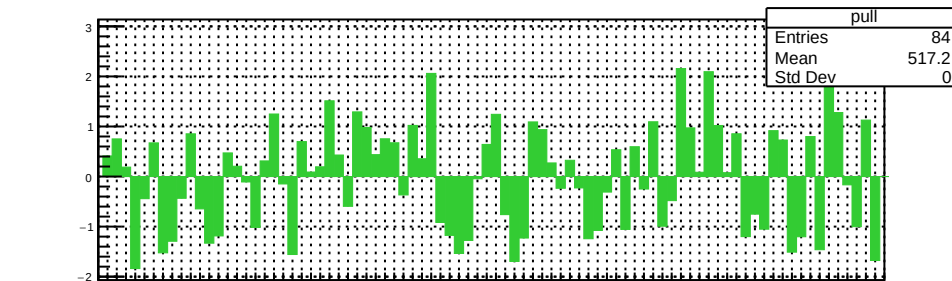
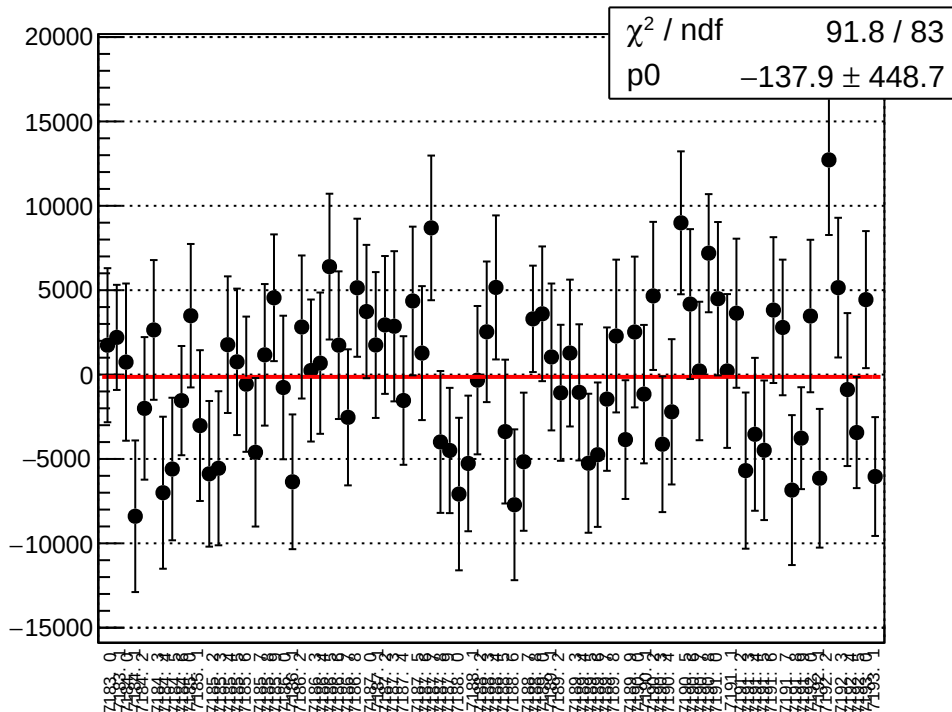
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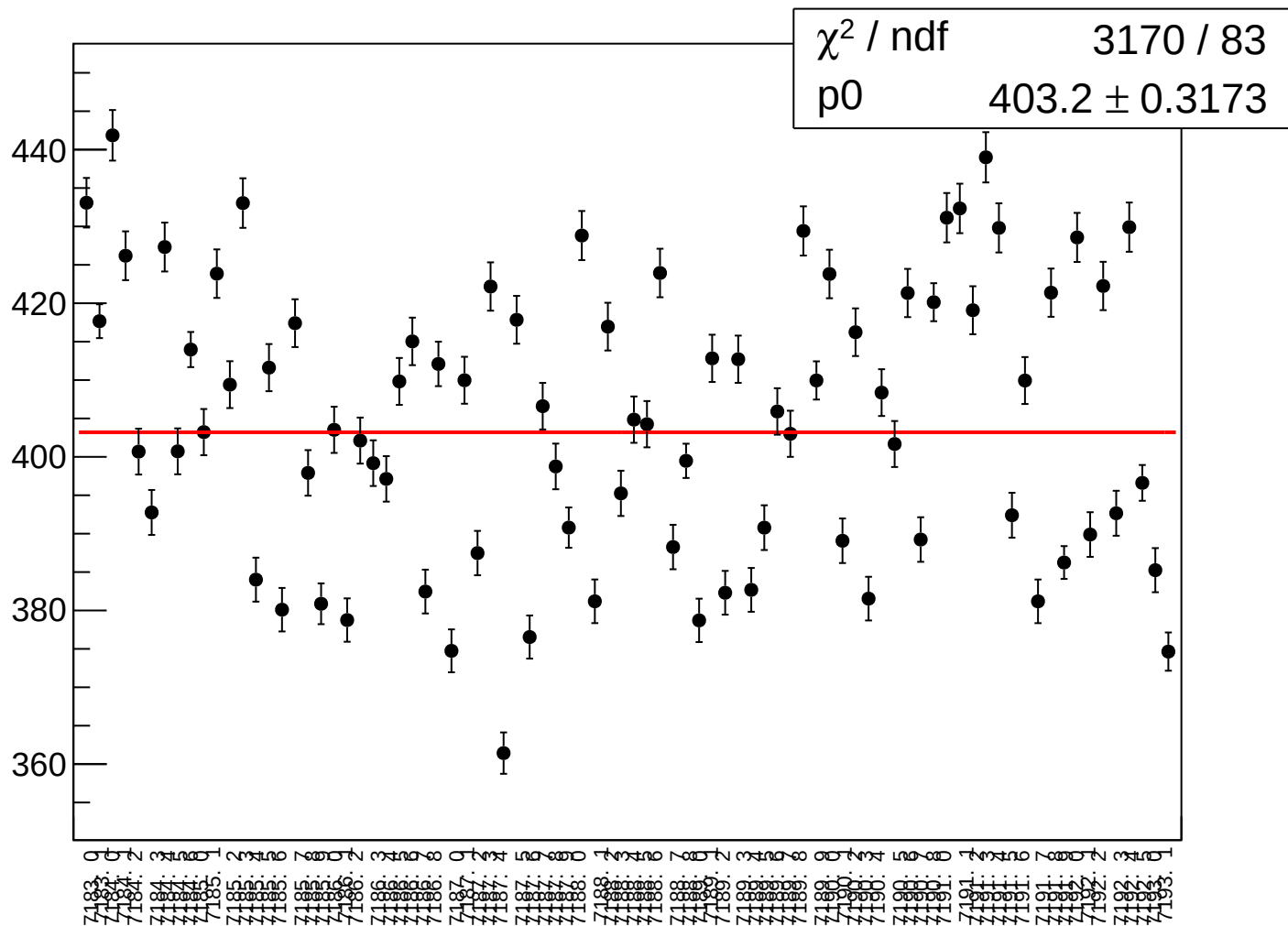
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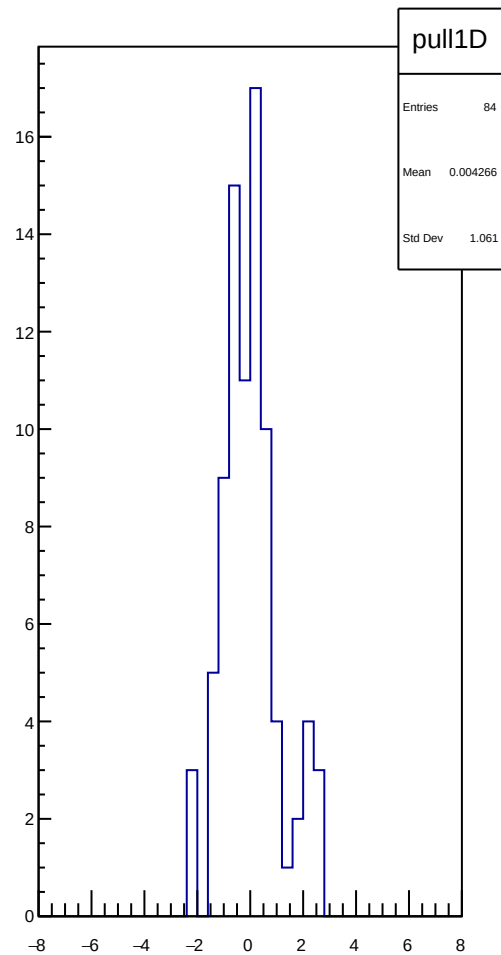
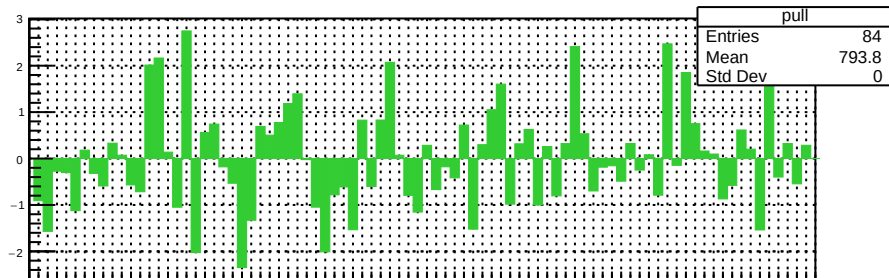
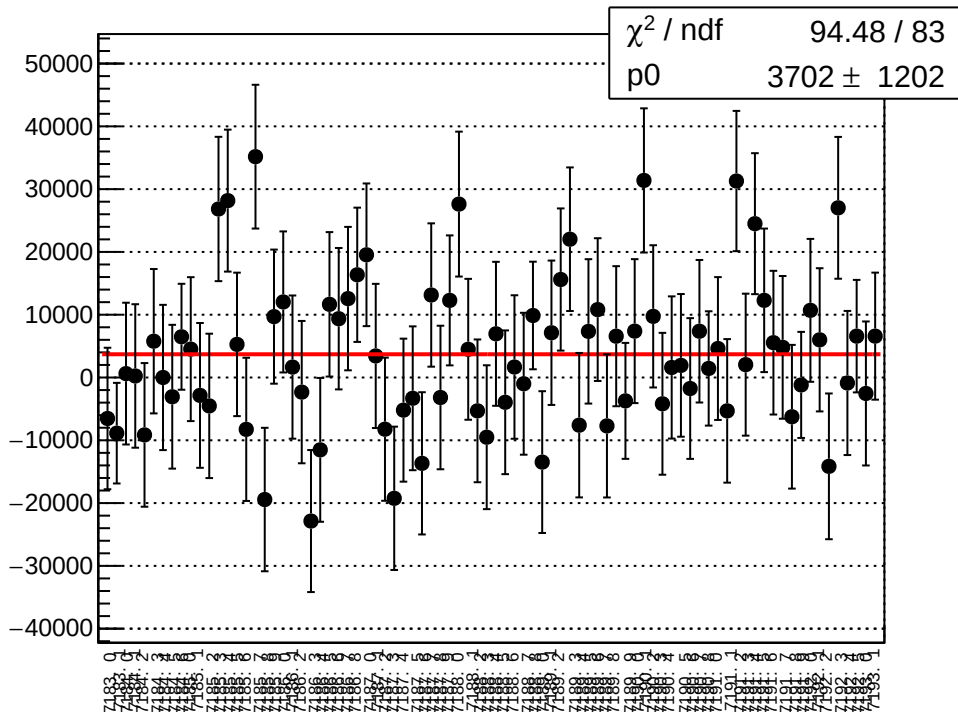
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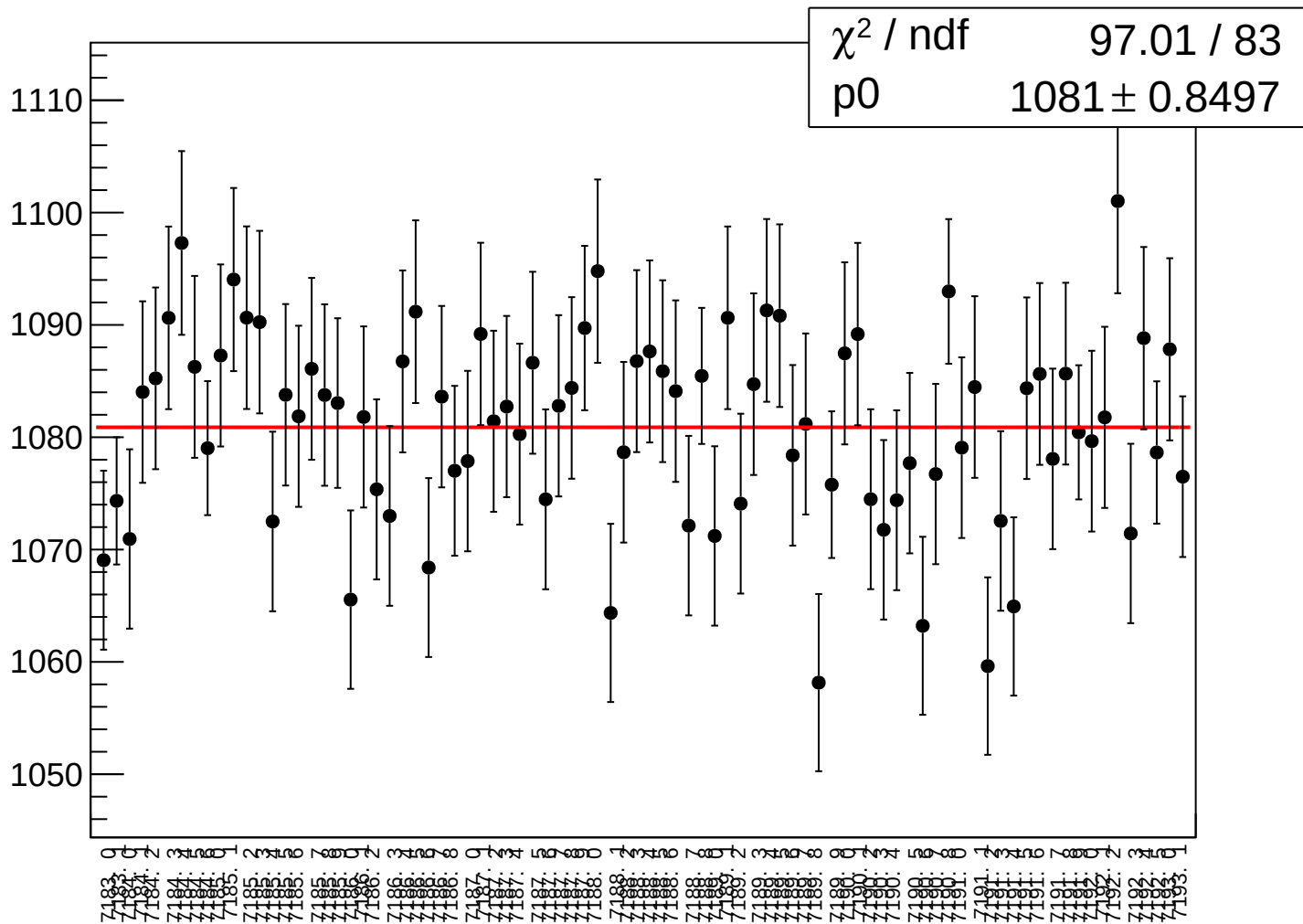
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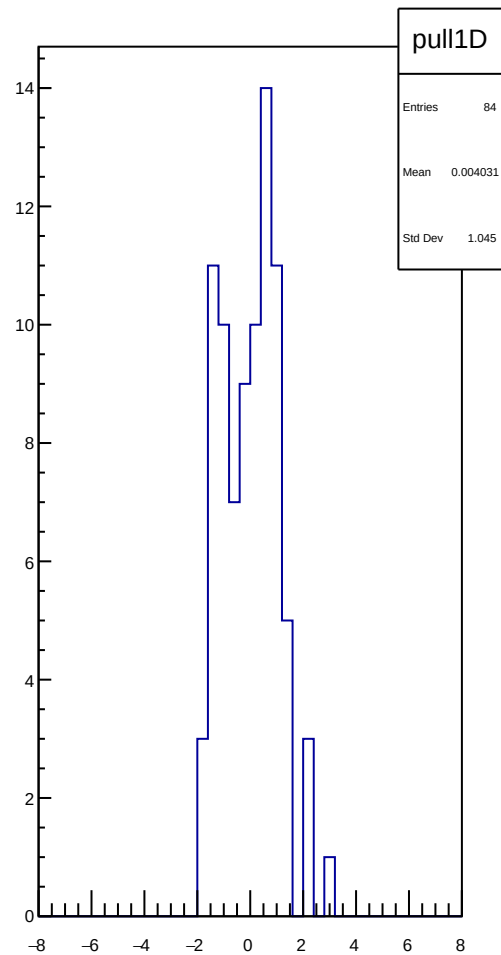
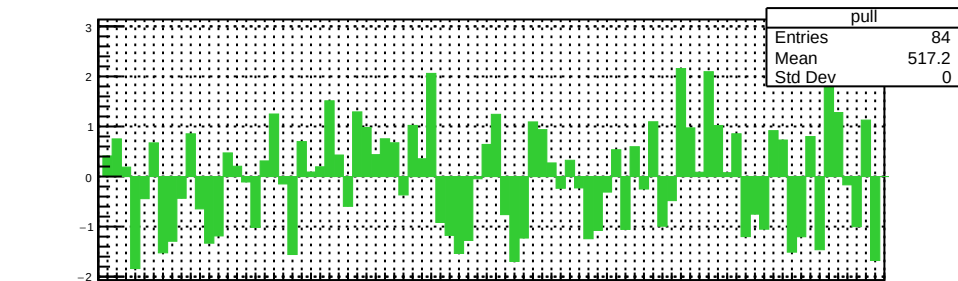
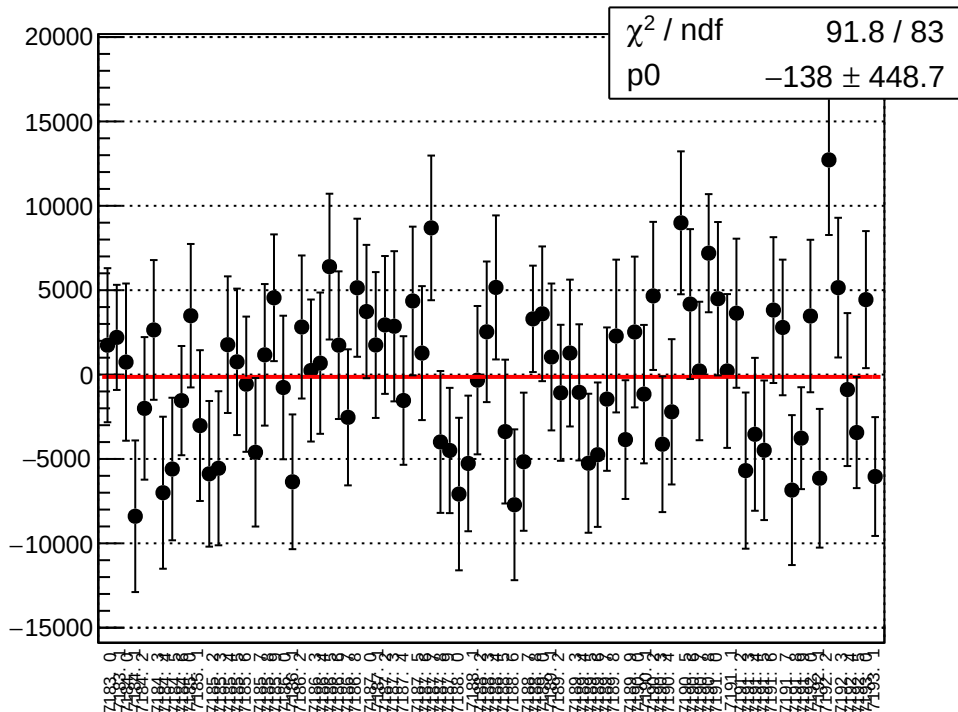
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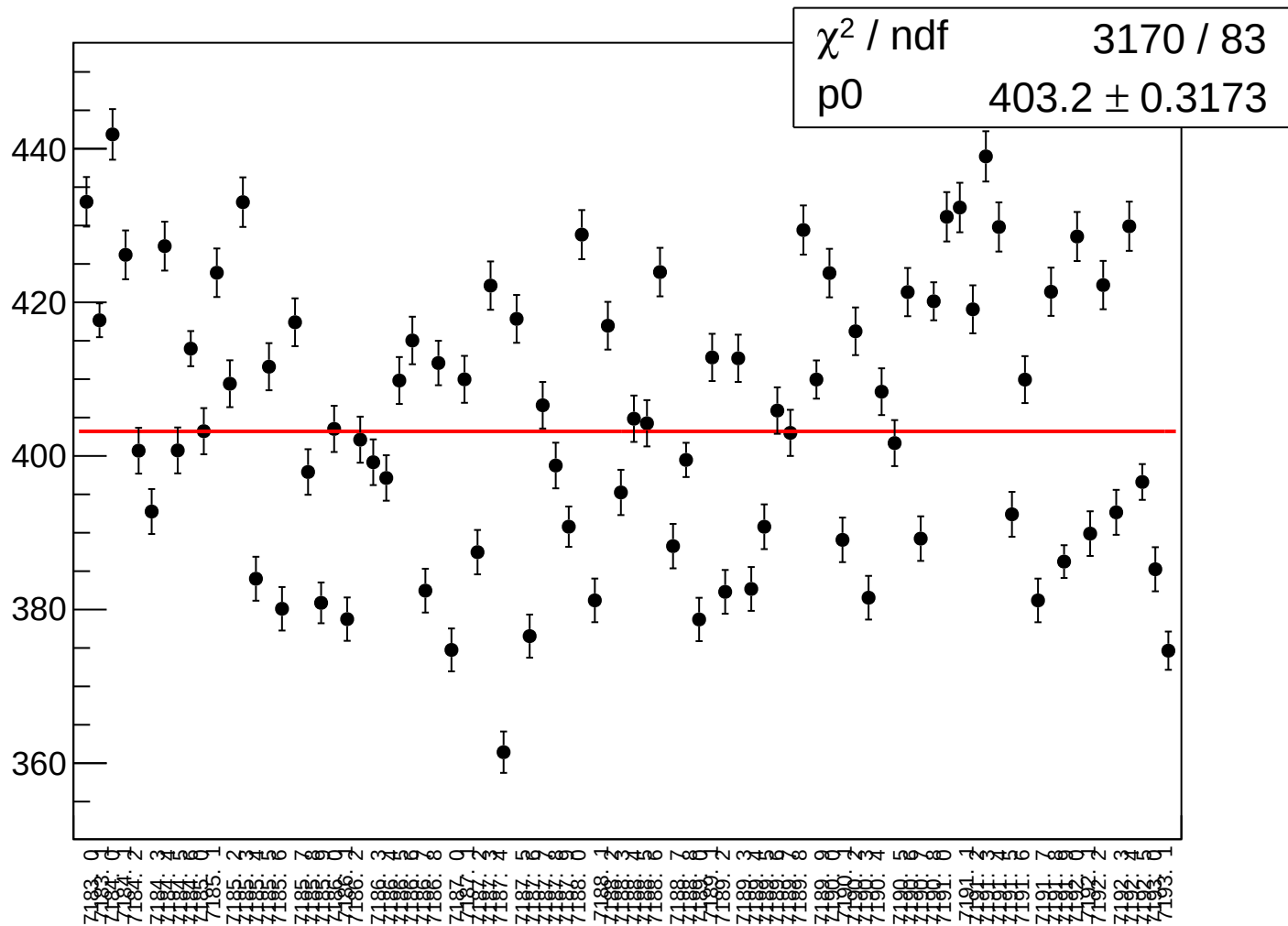
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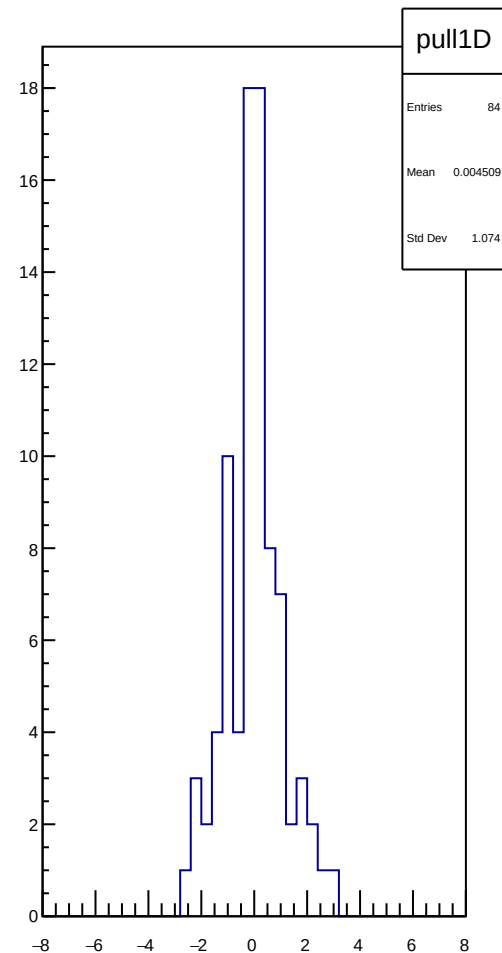
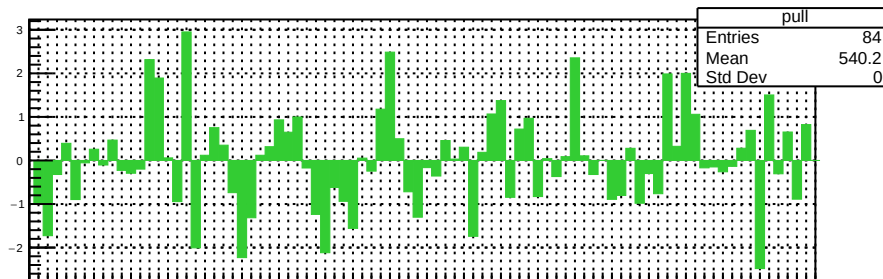
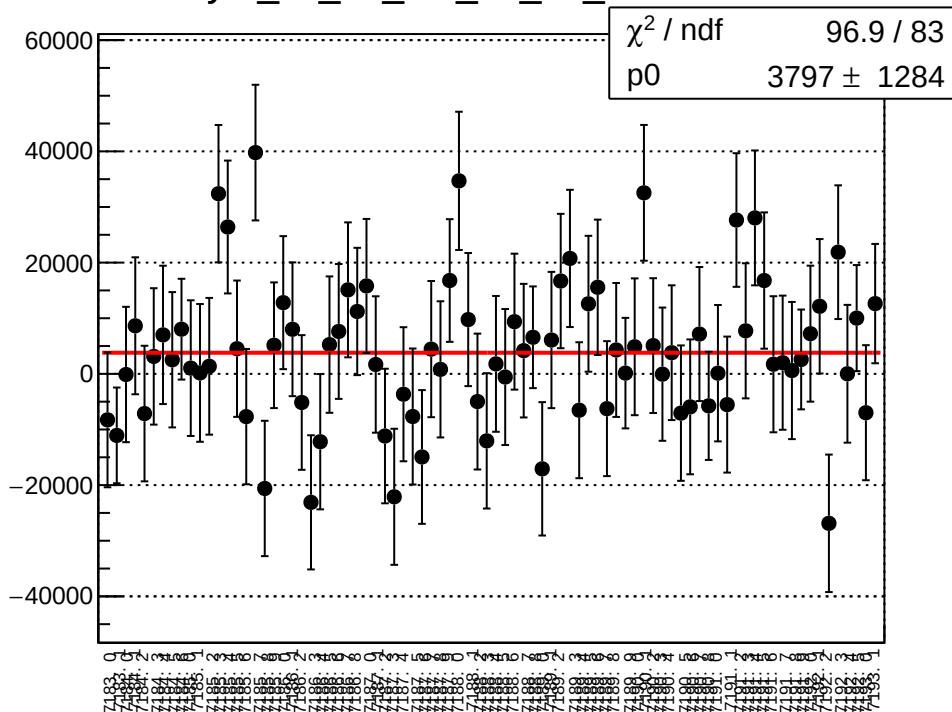
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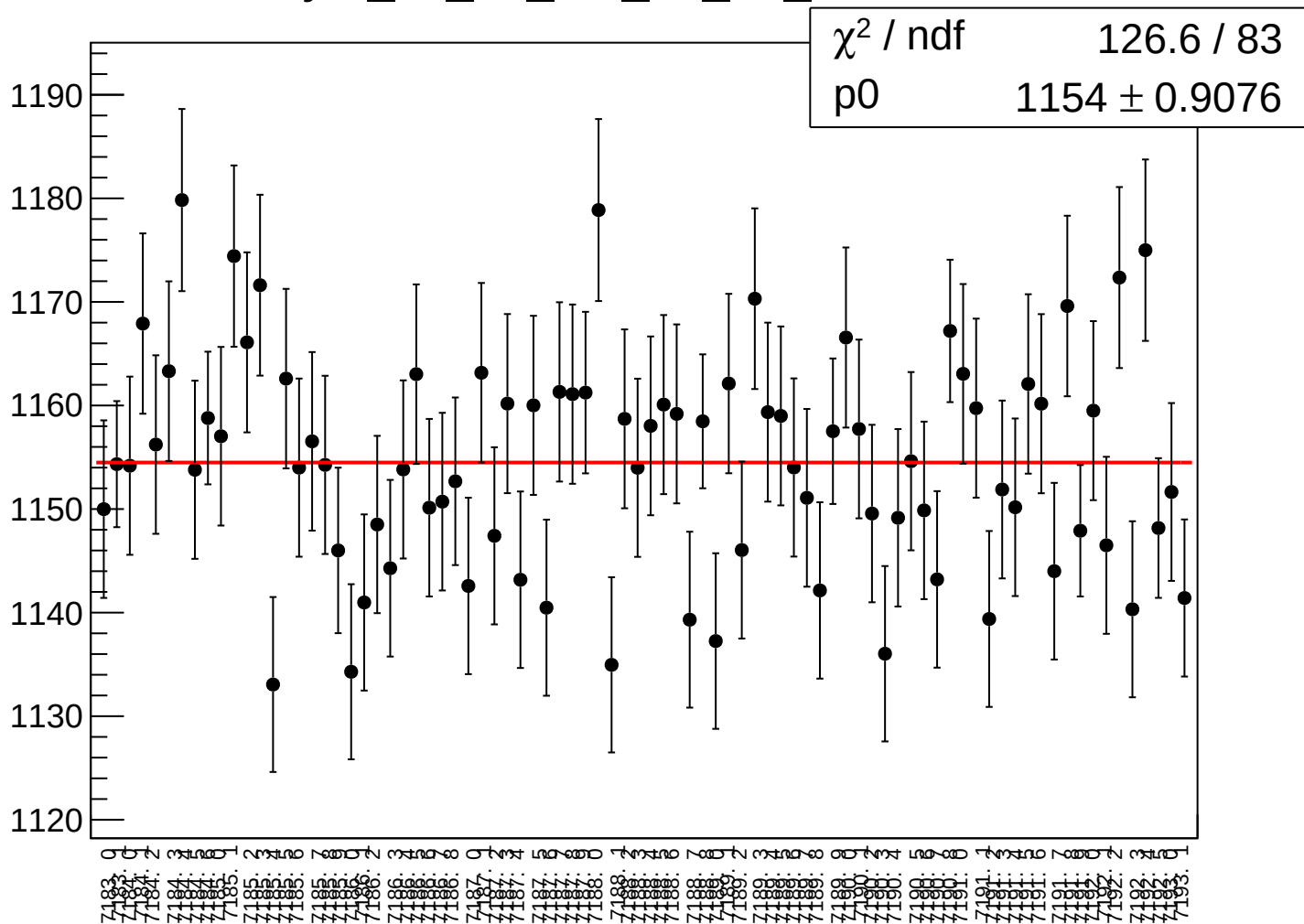
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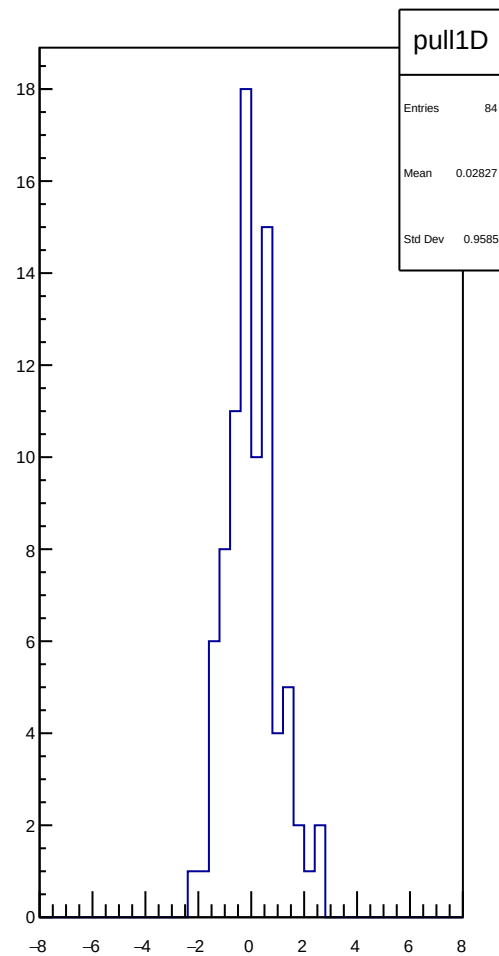
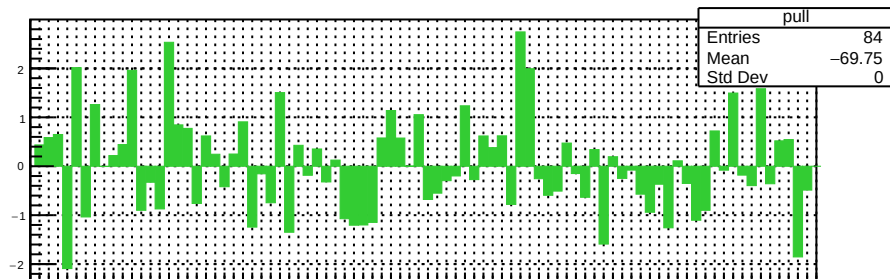
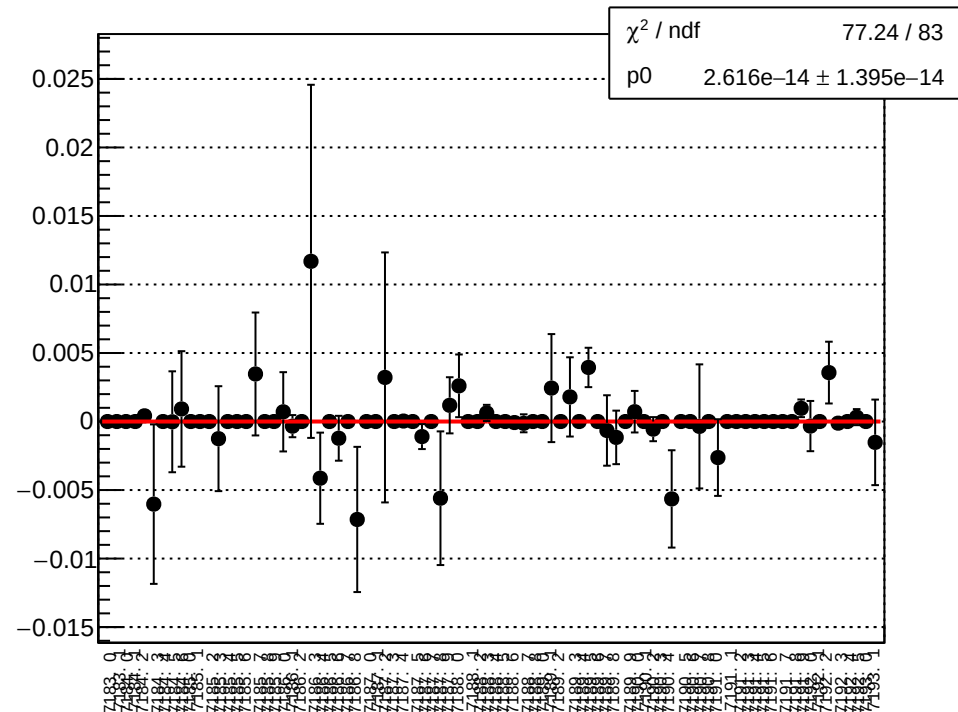
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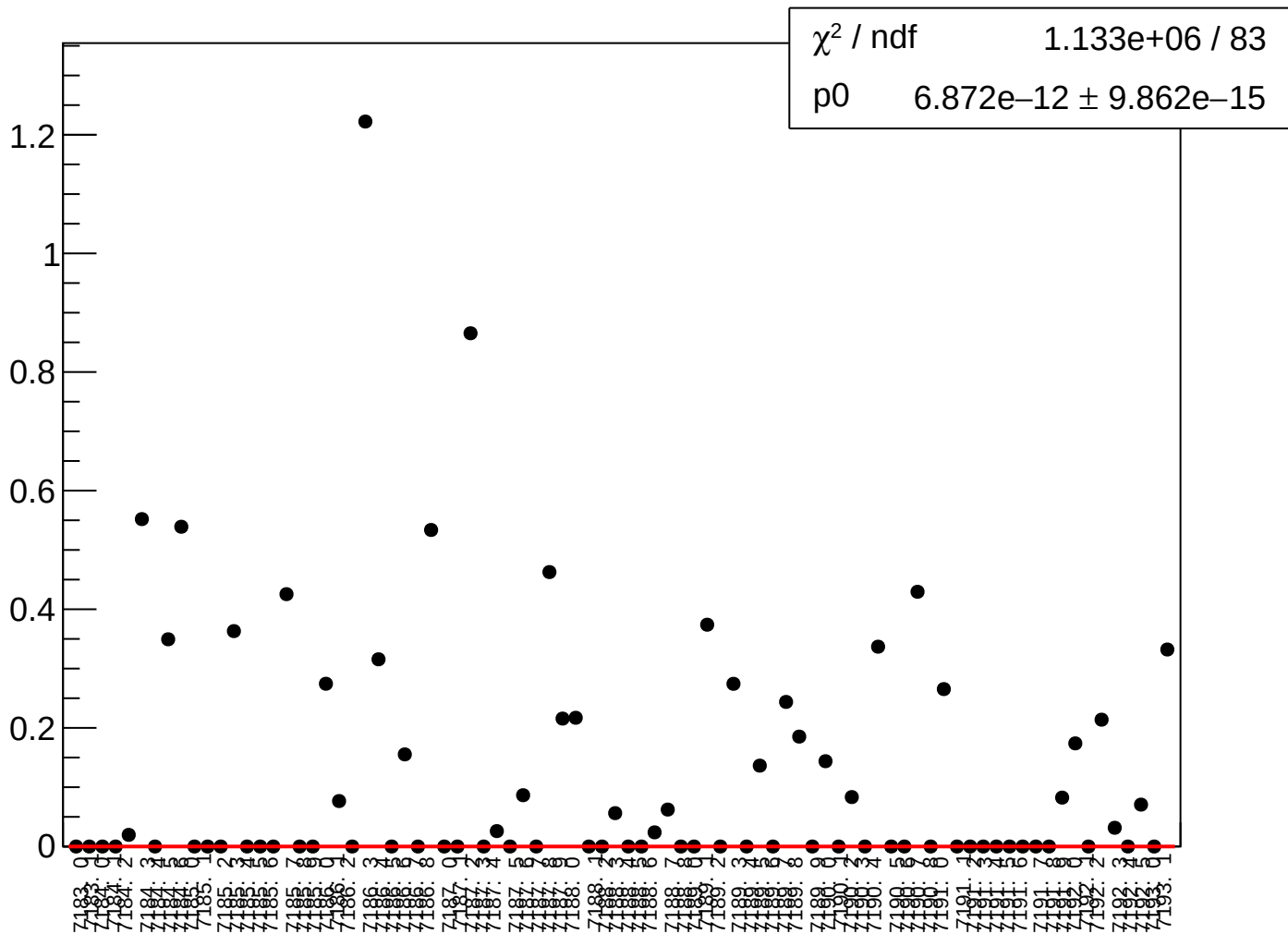
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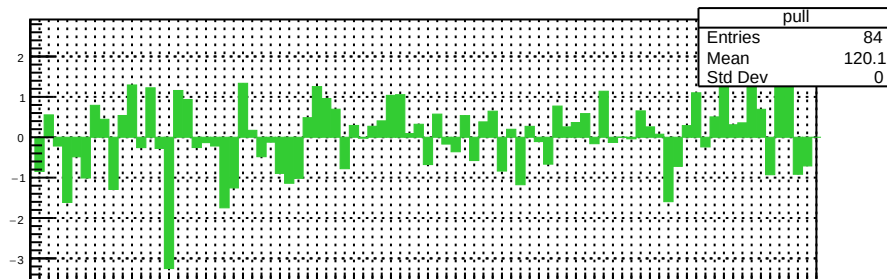
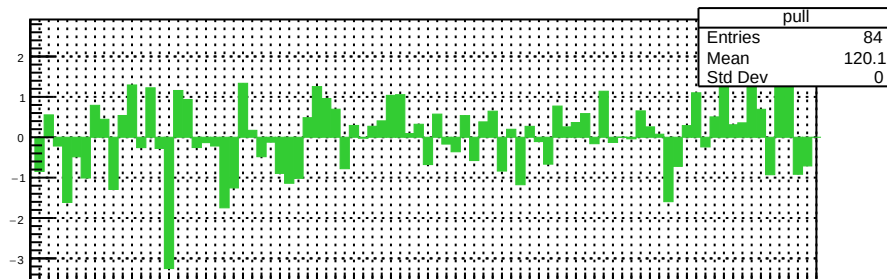
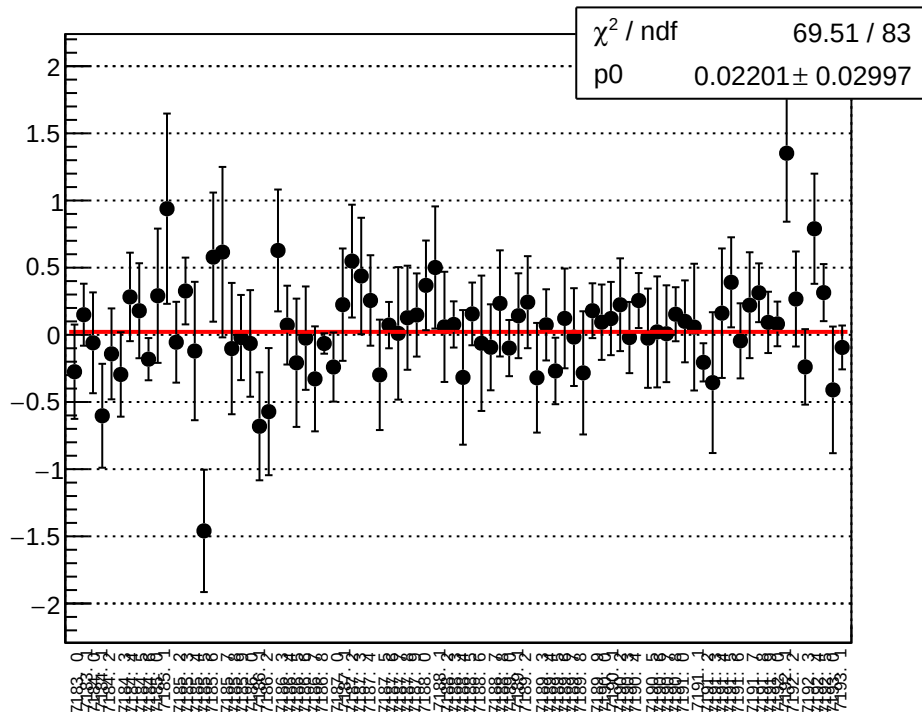
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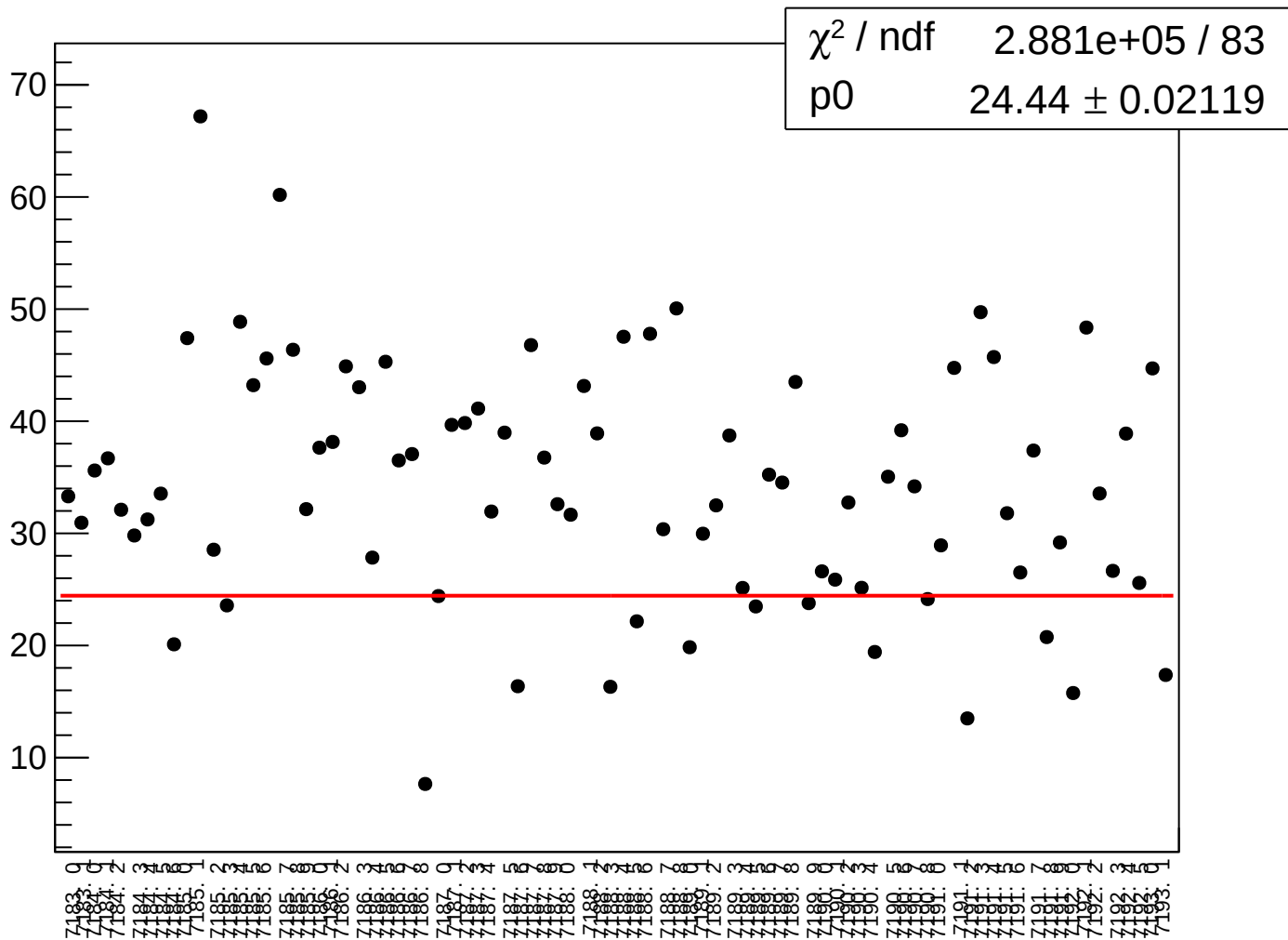
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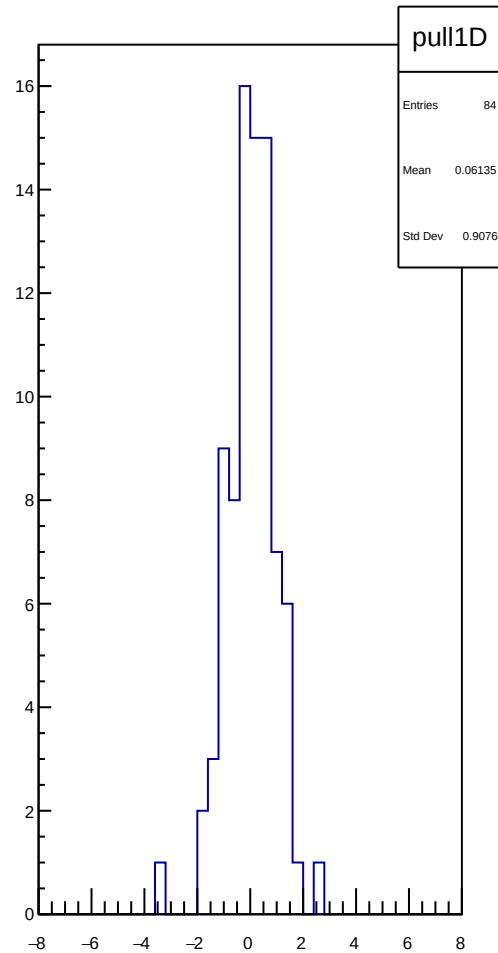
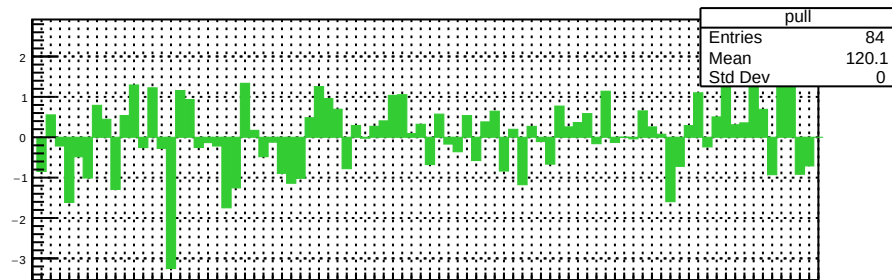
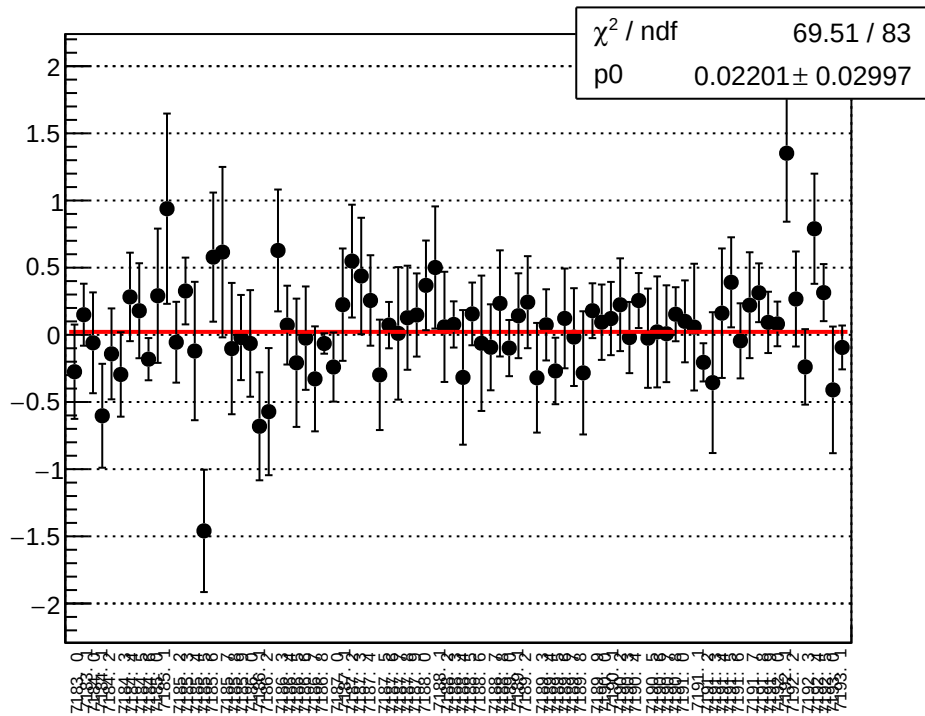
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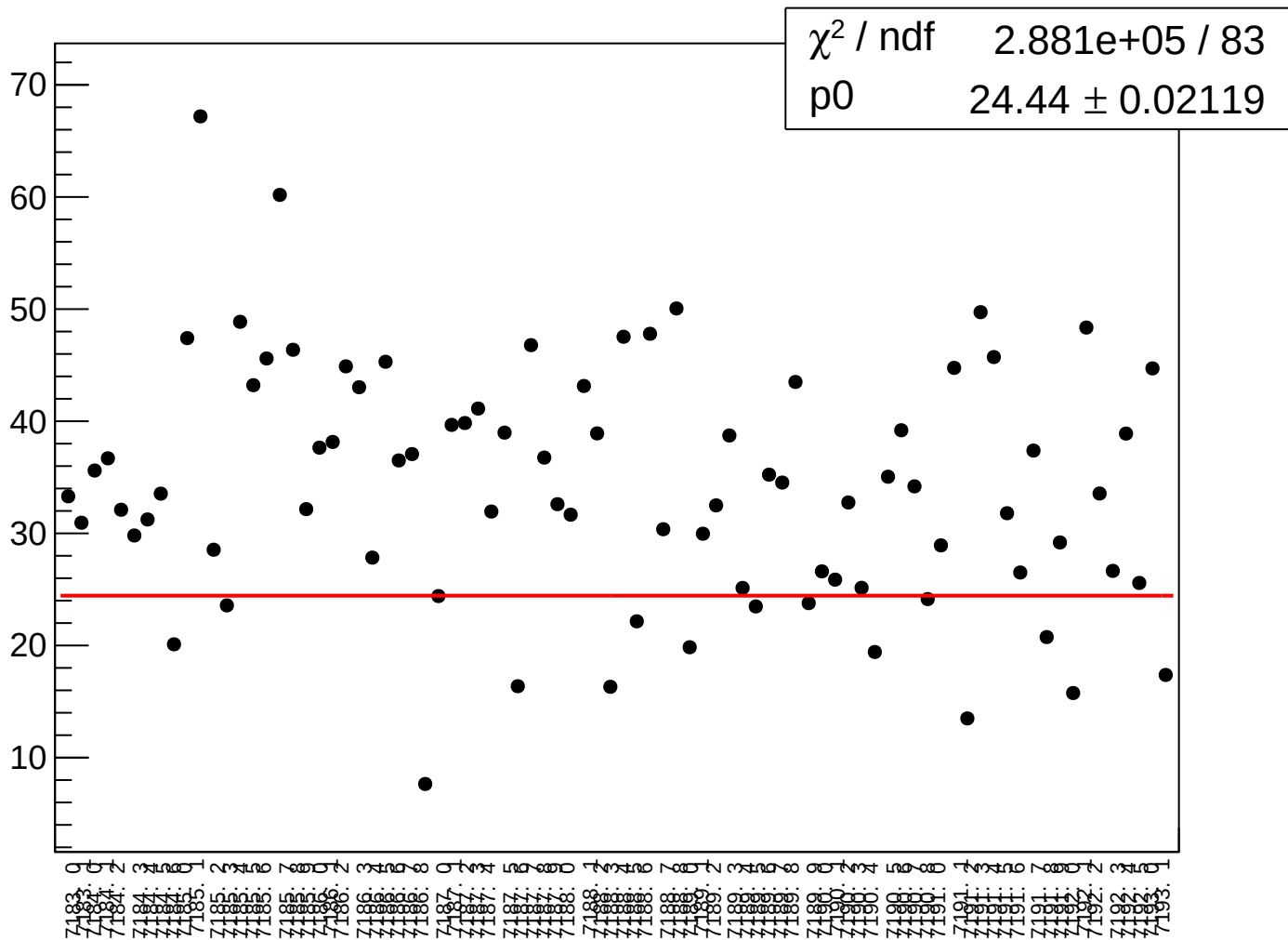
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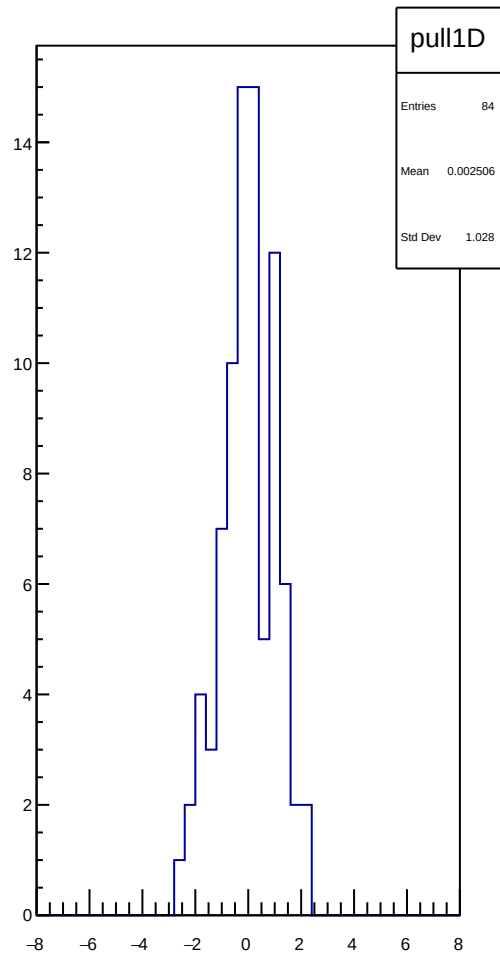
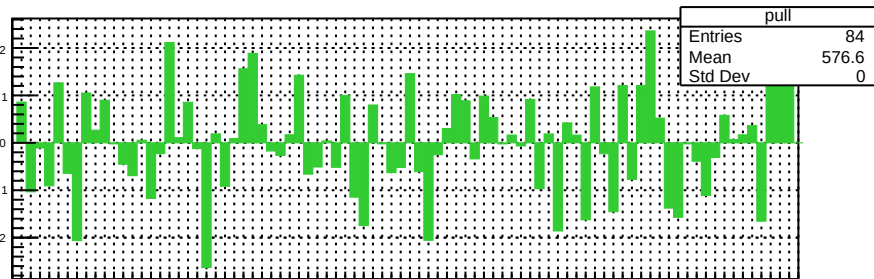
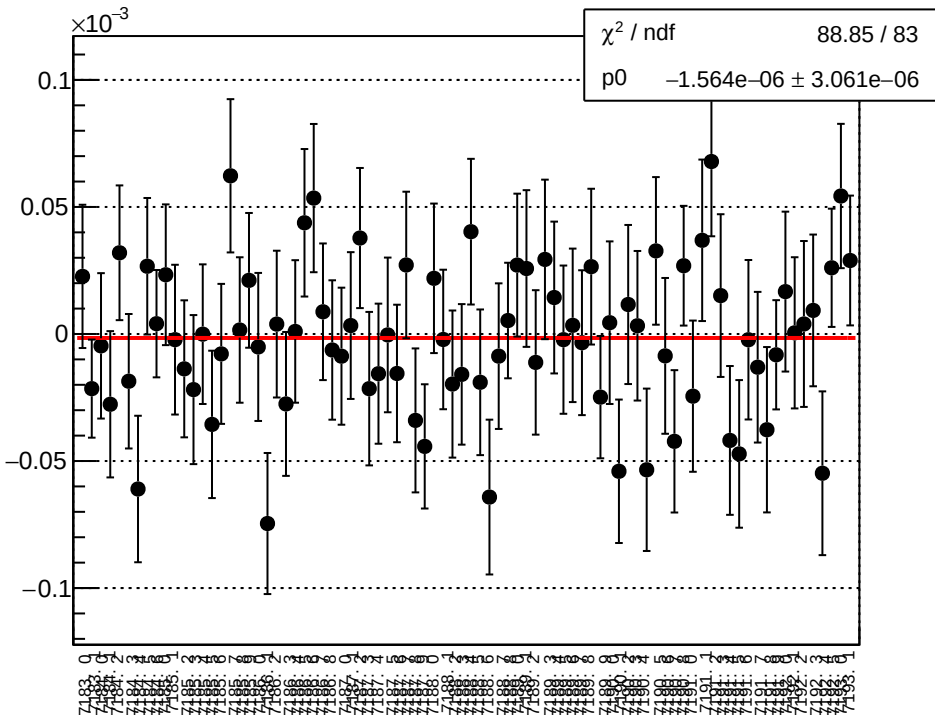
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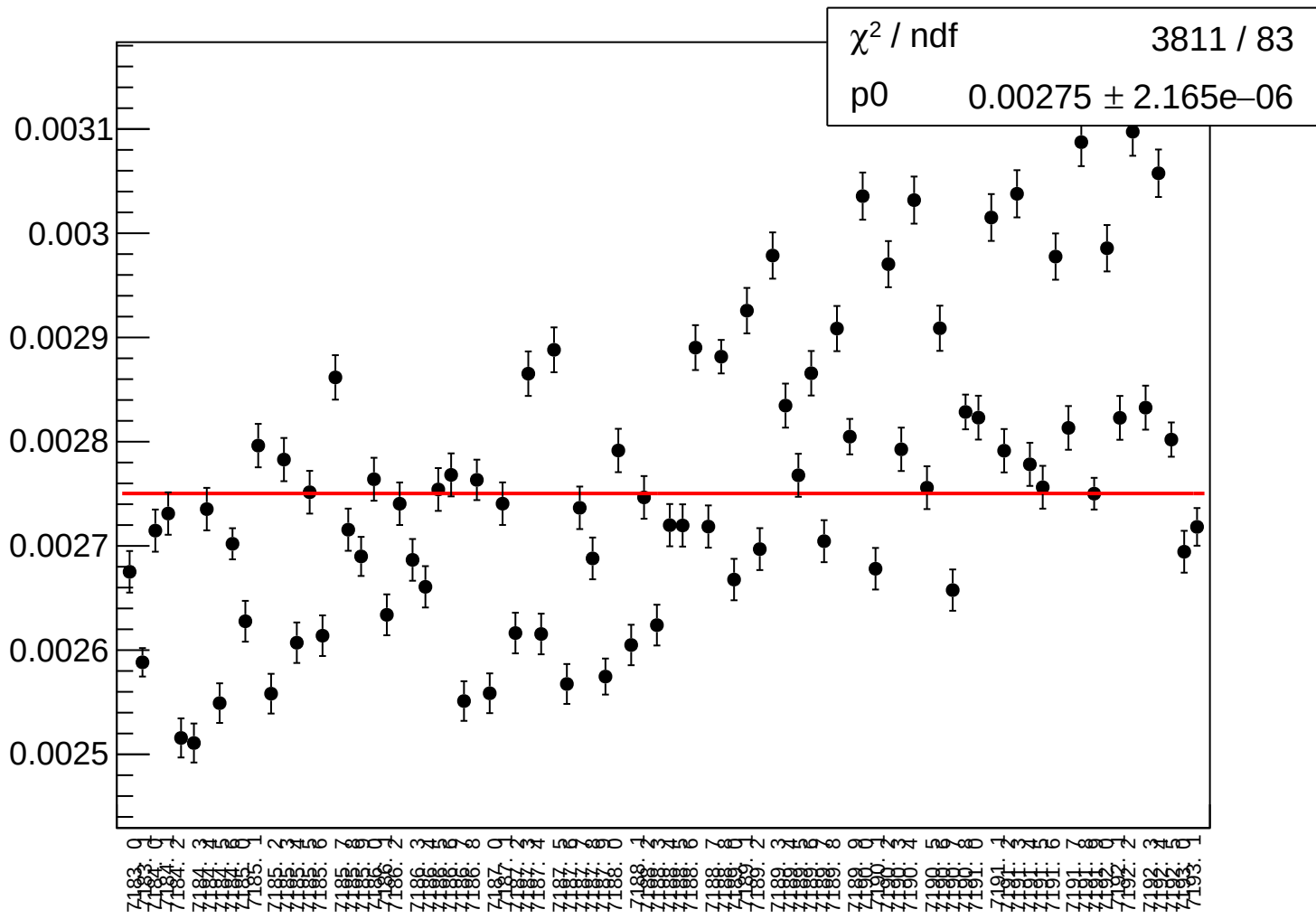
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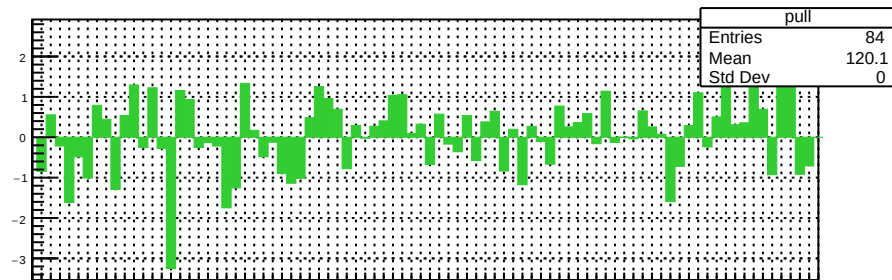
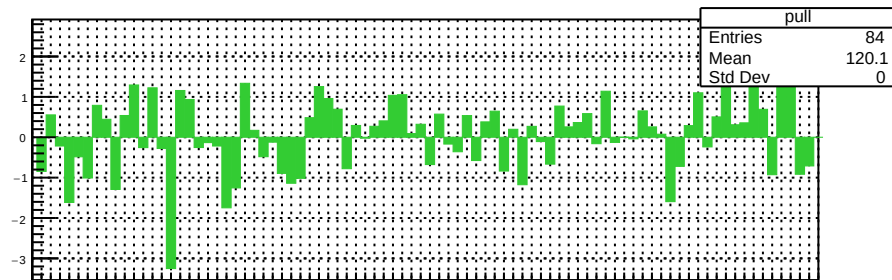
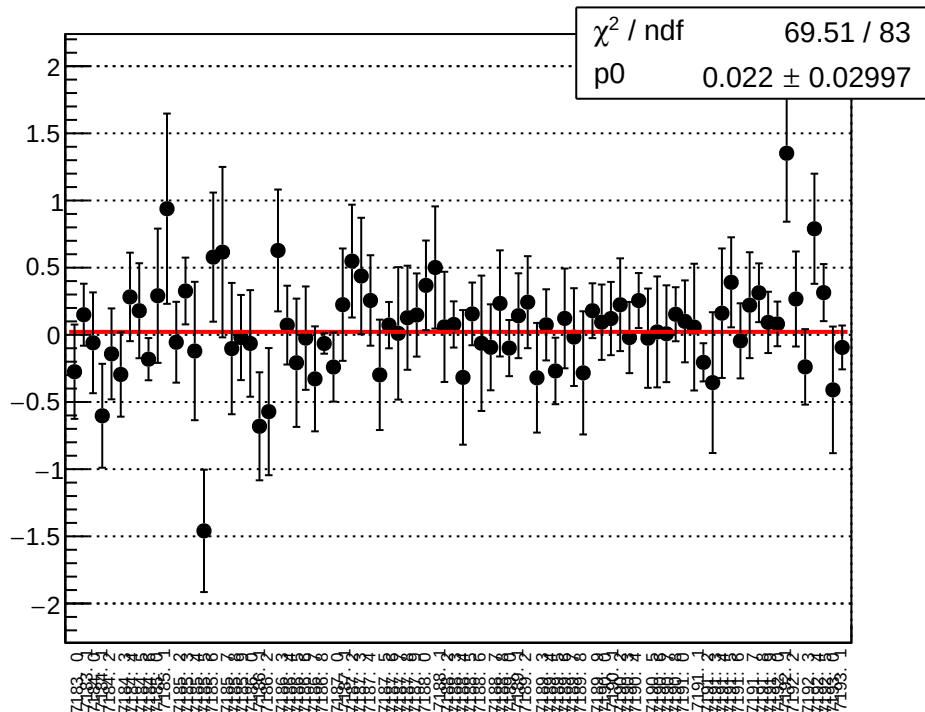
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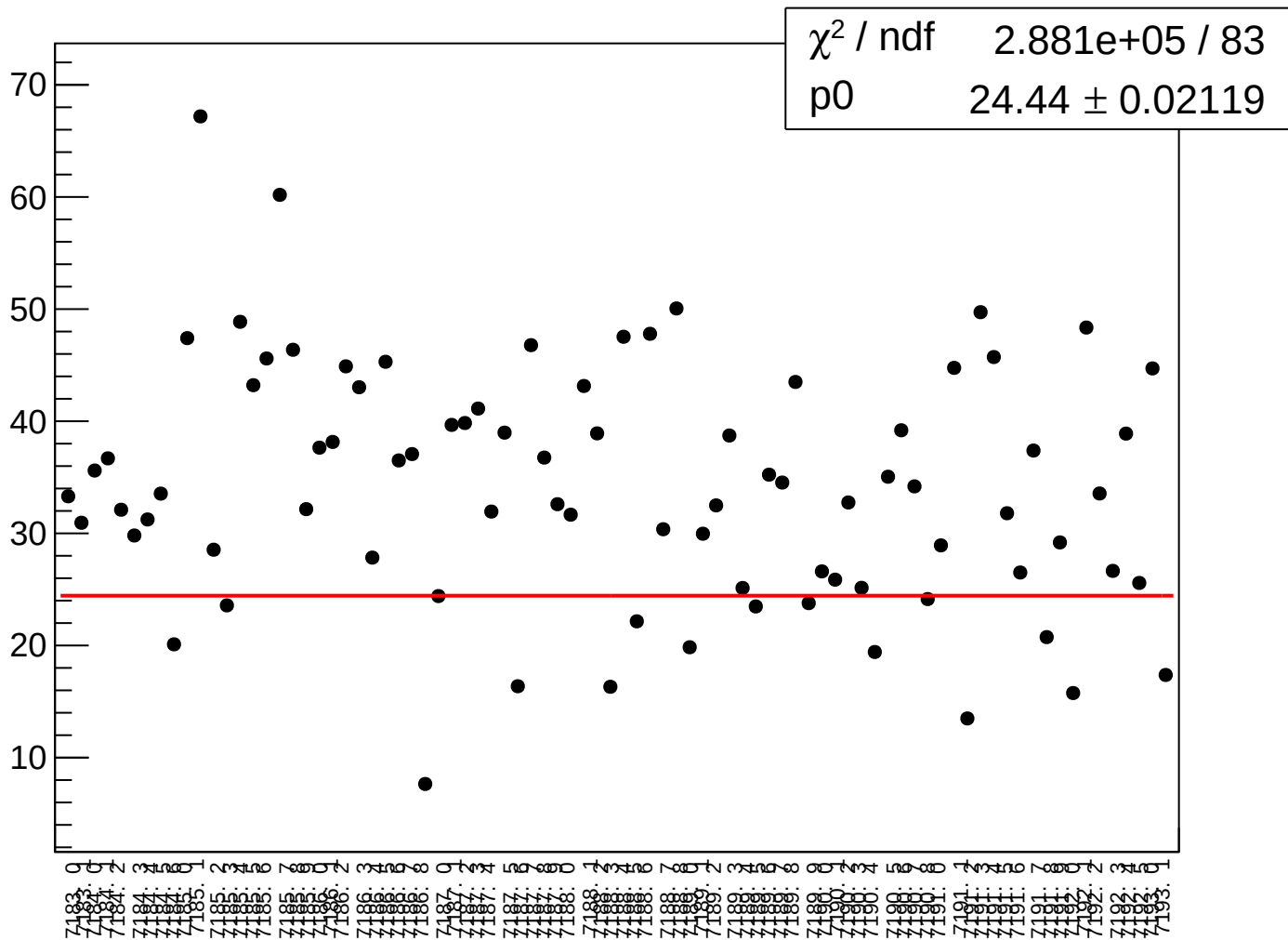
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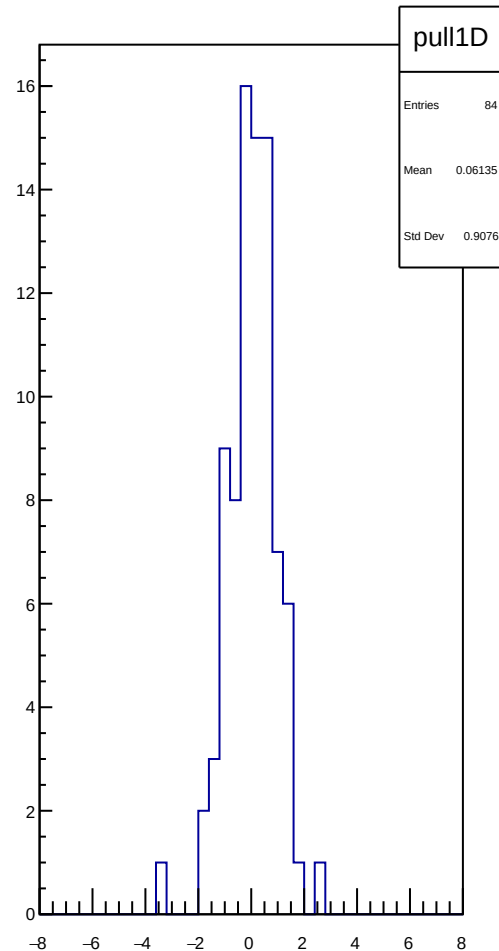
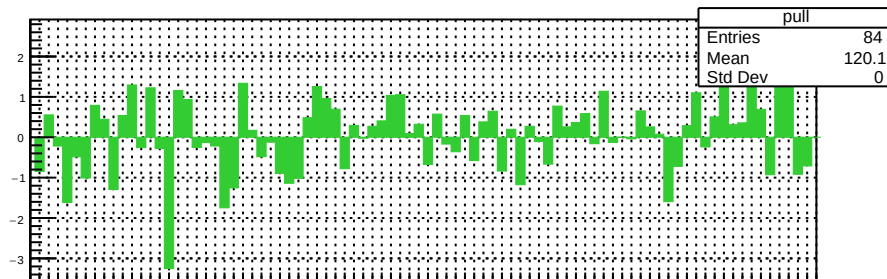
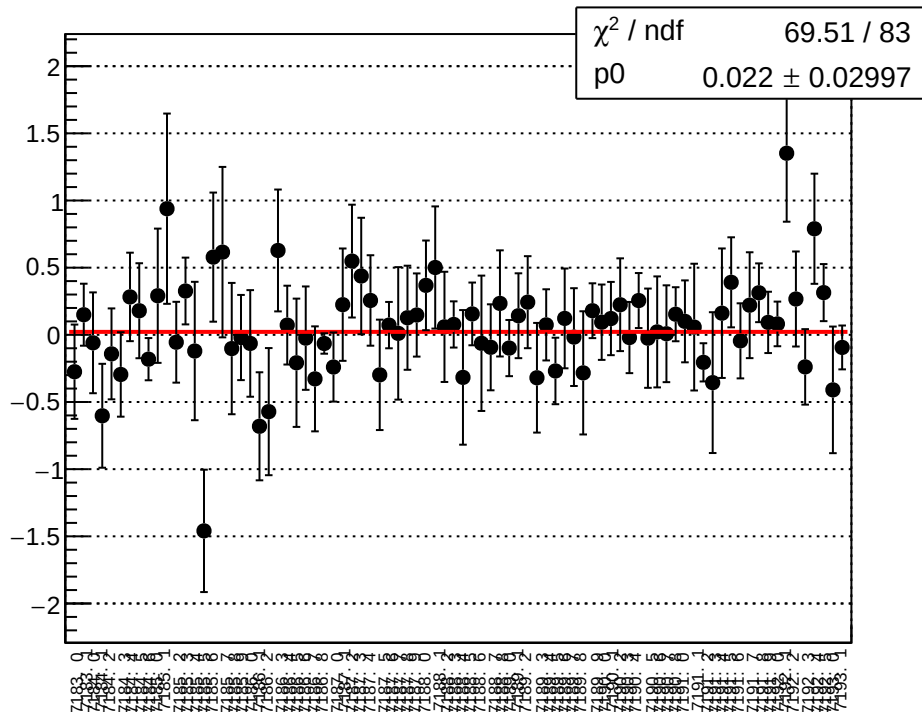
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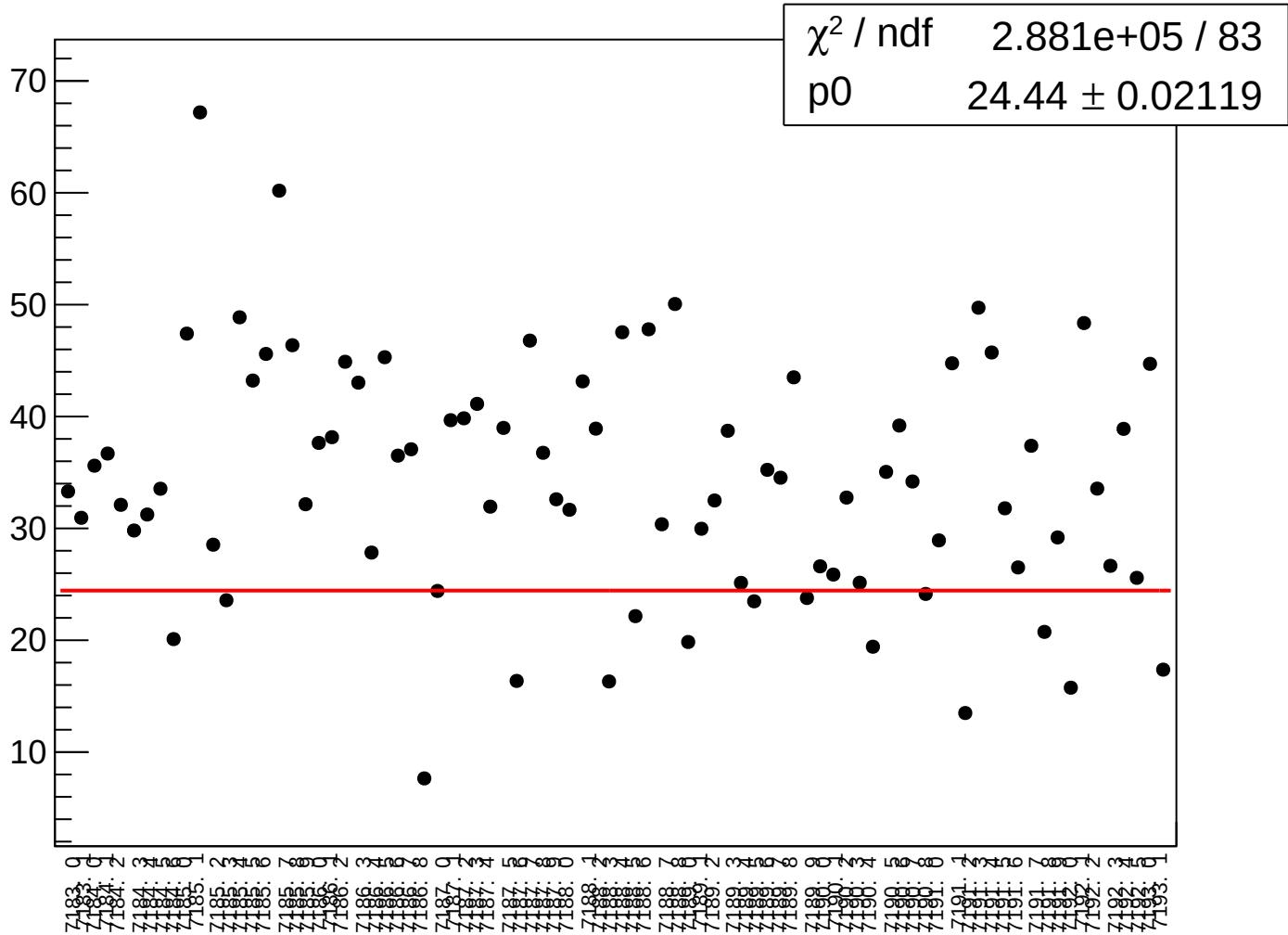
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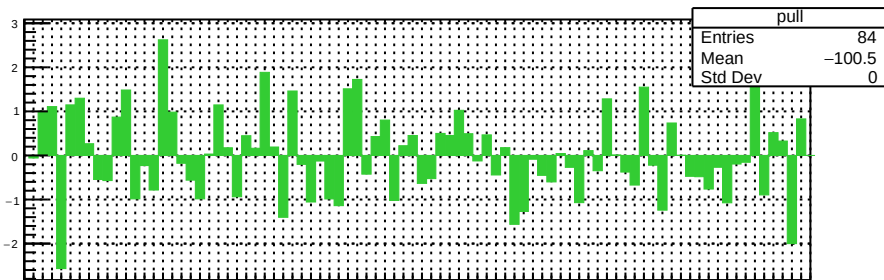
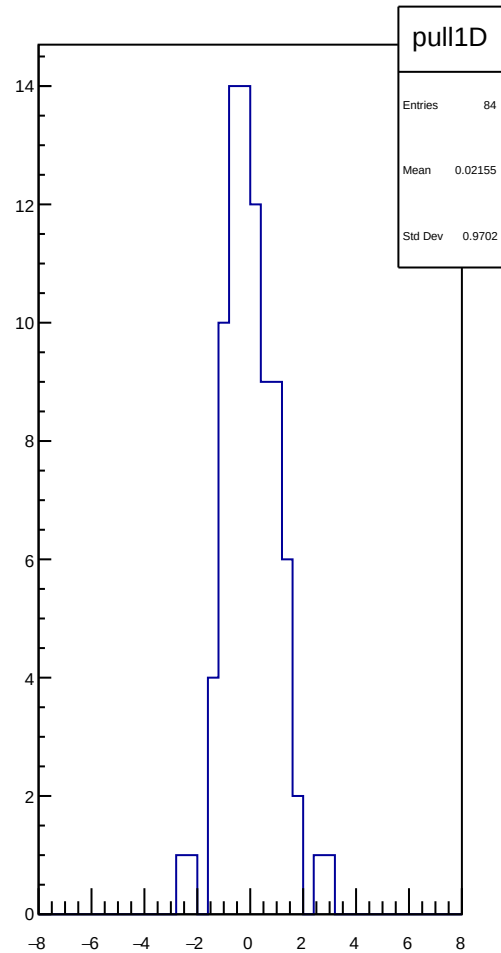
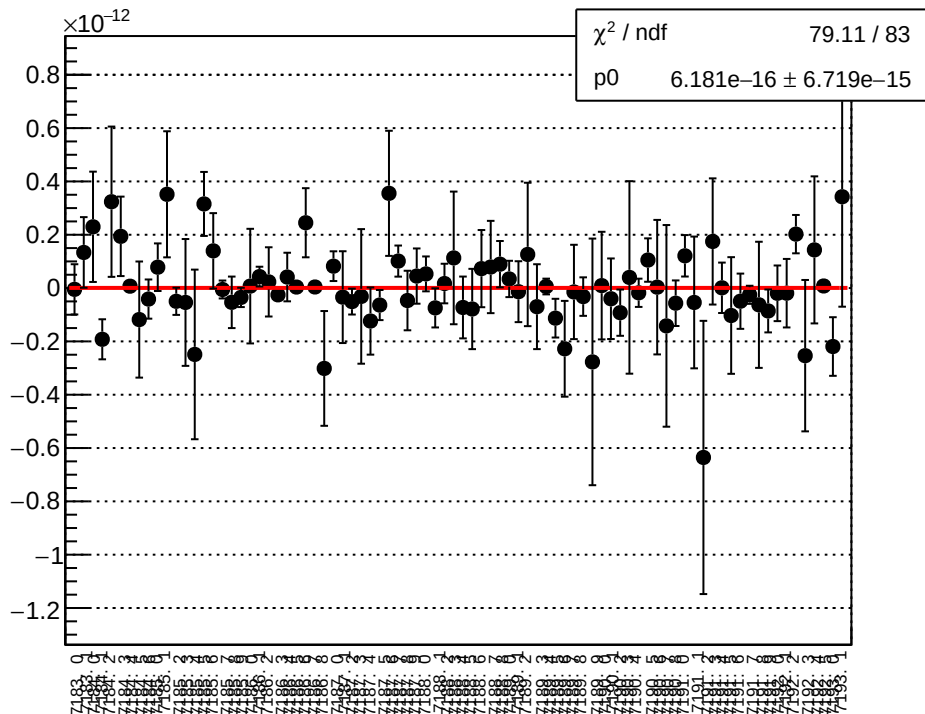
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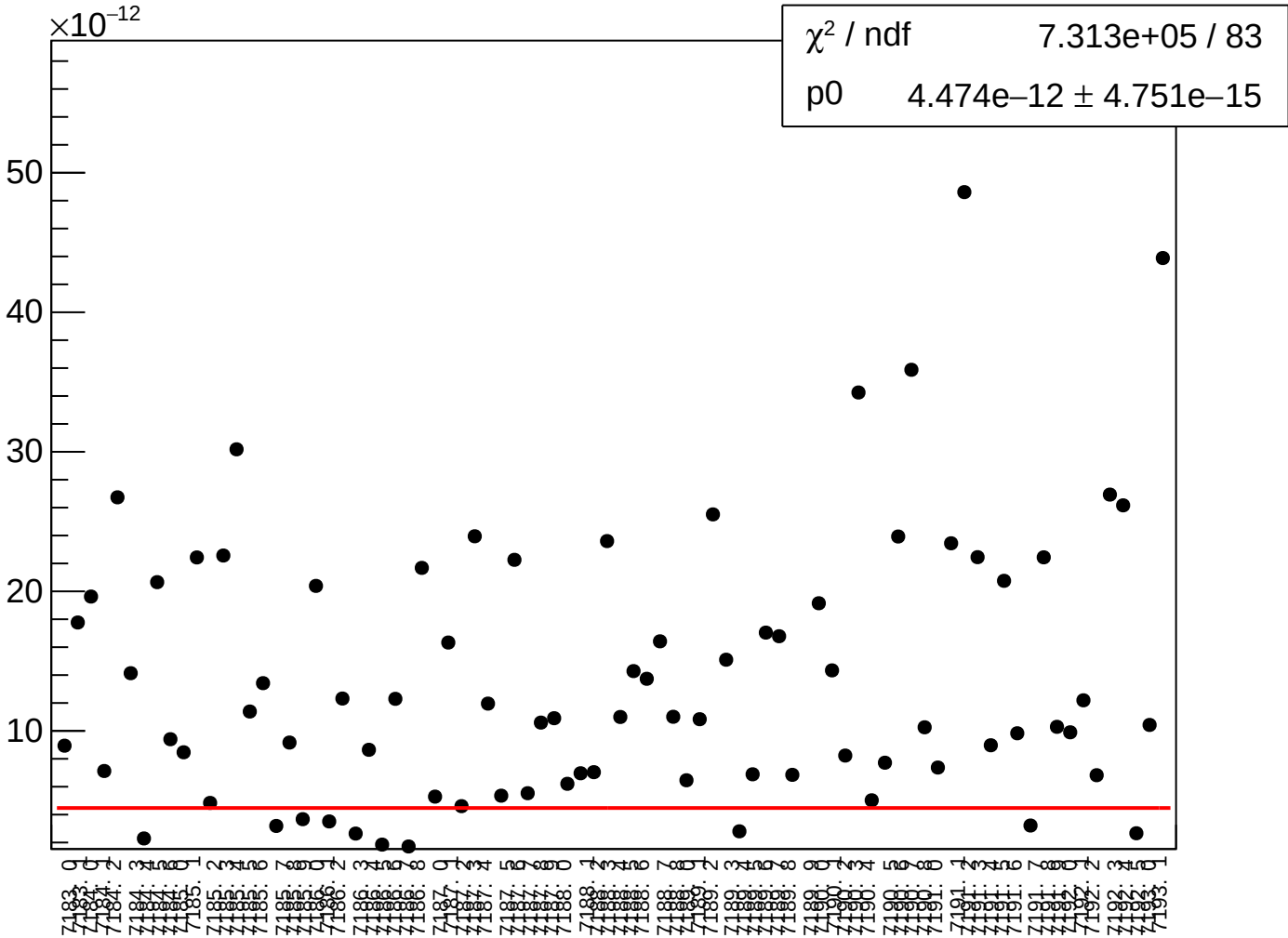
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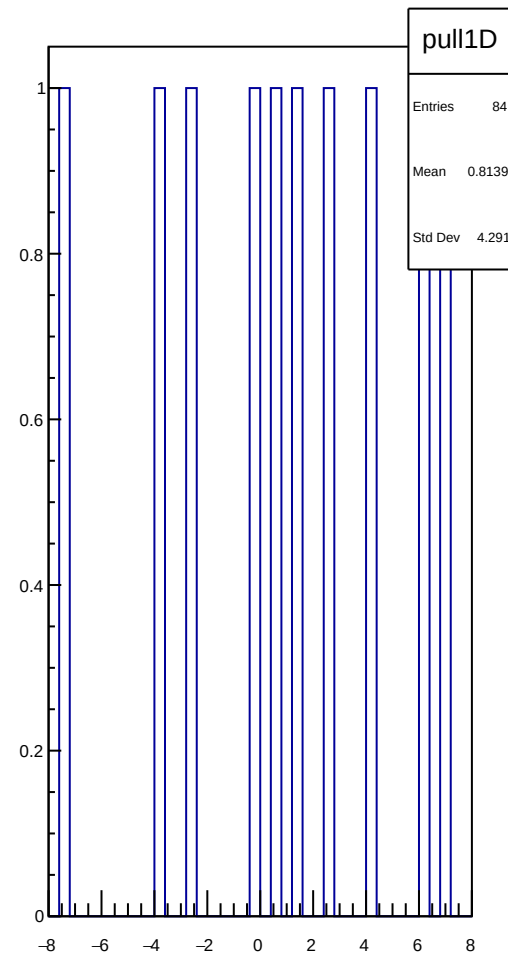
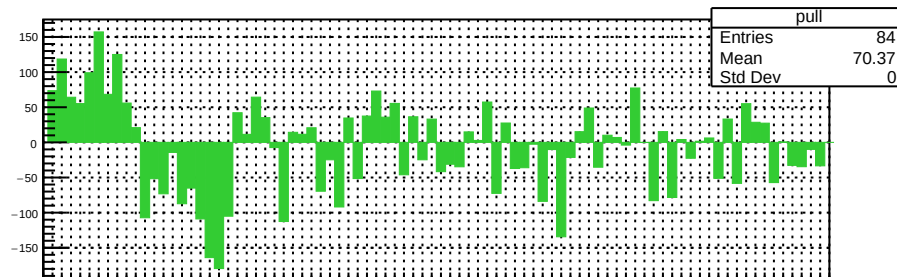
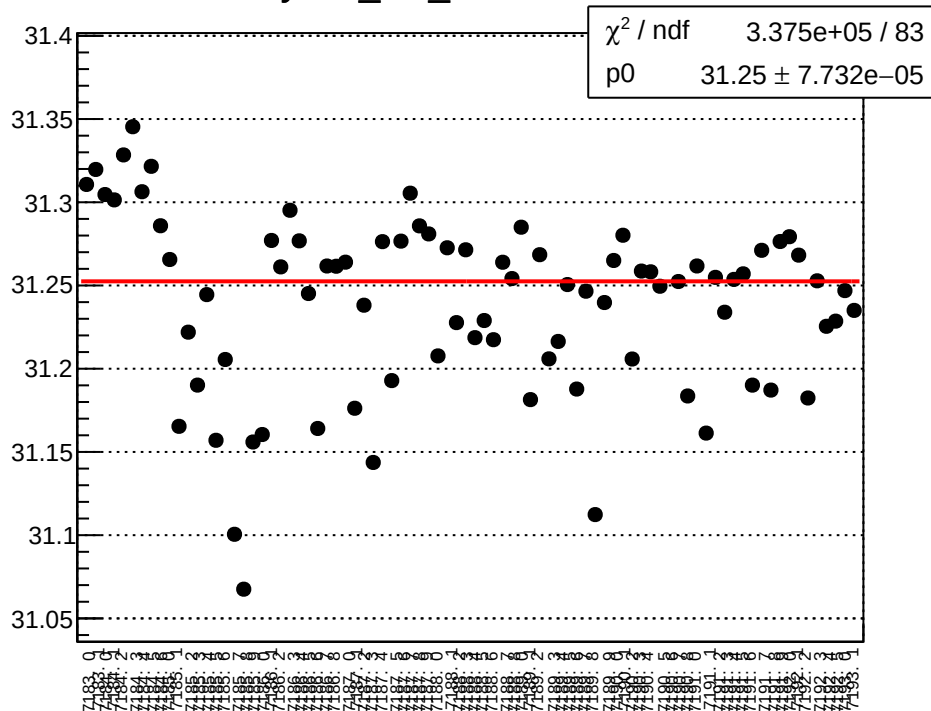
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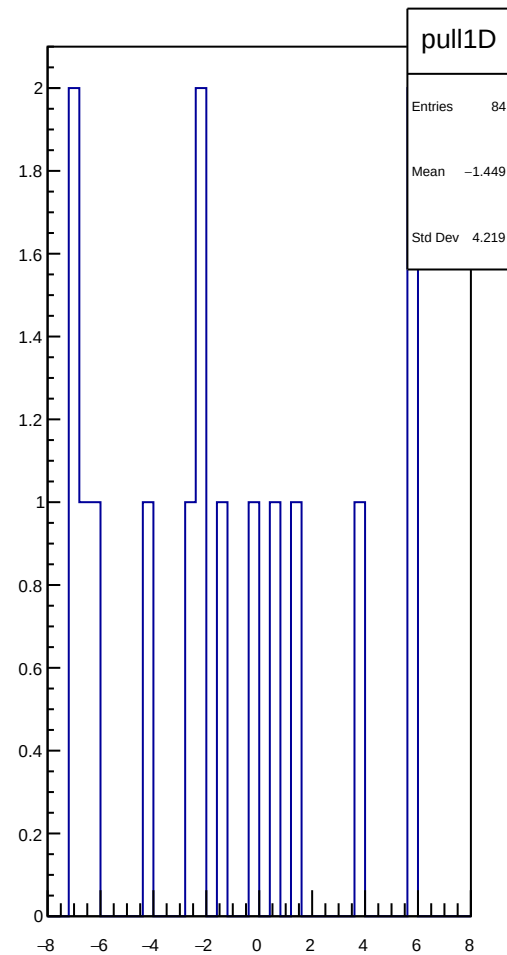
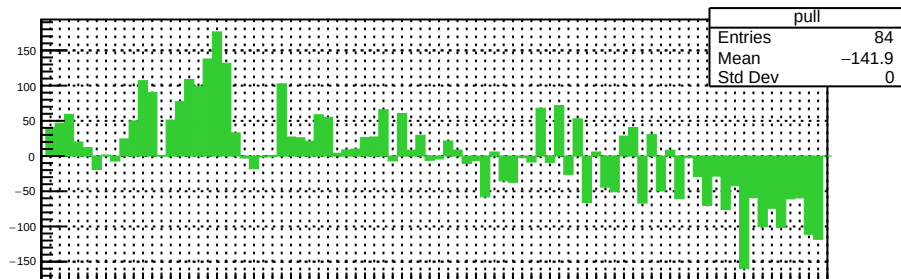
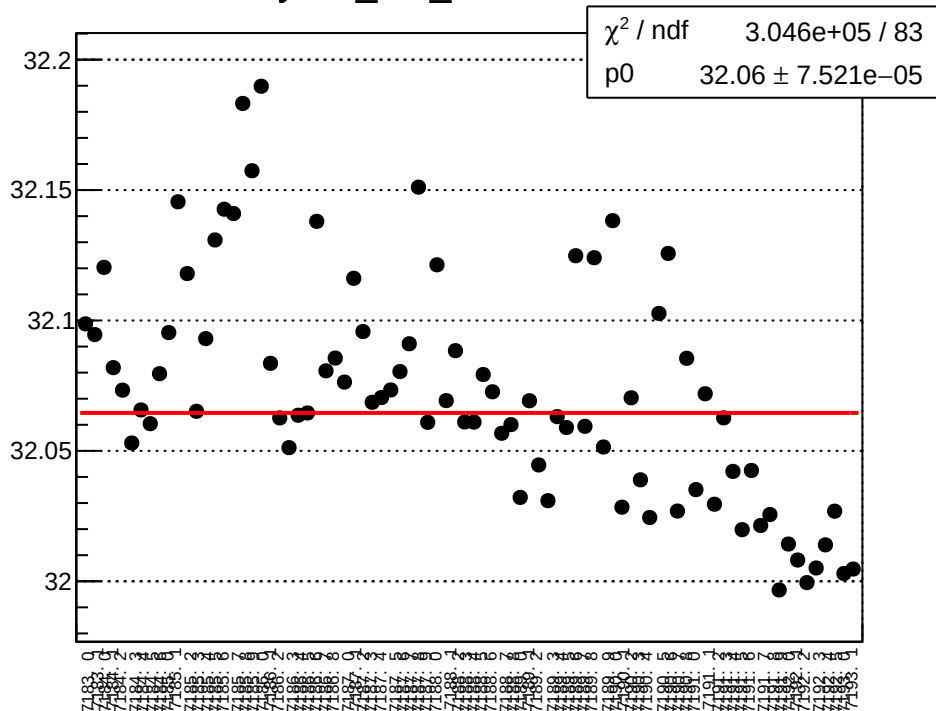
asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs run



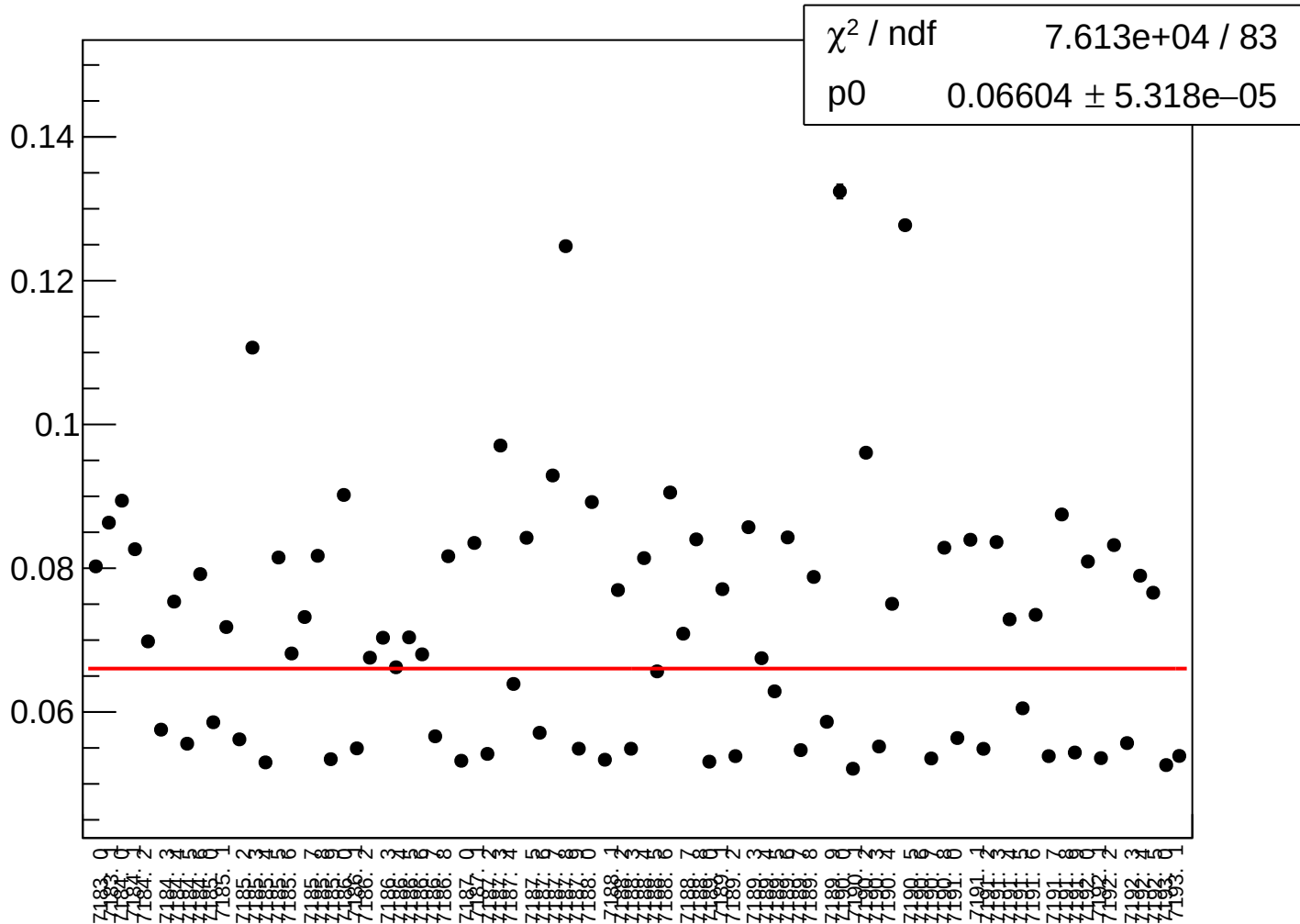
yield_usl_mean vs run



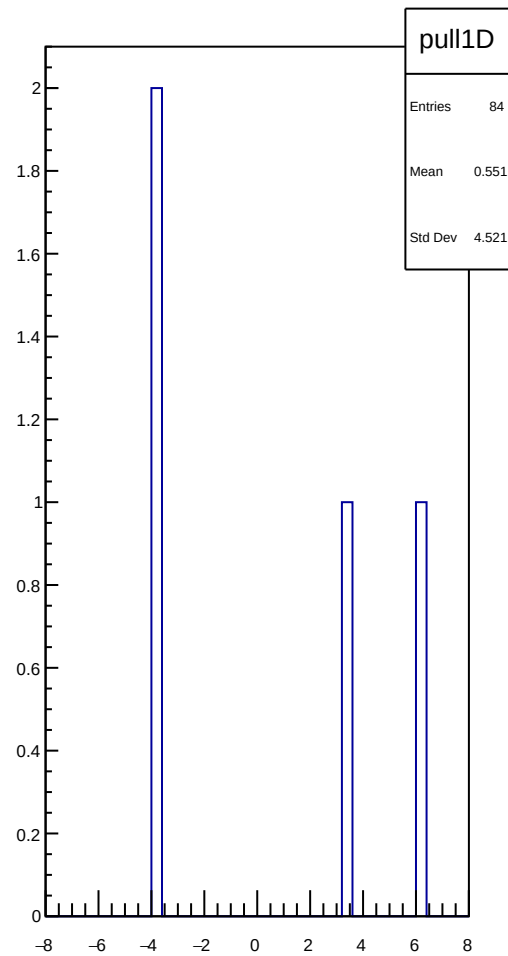
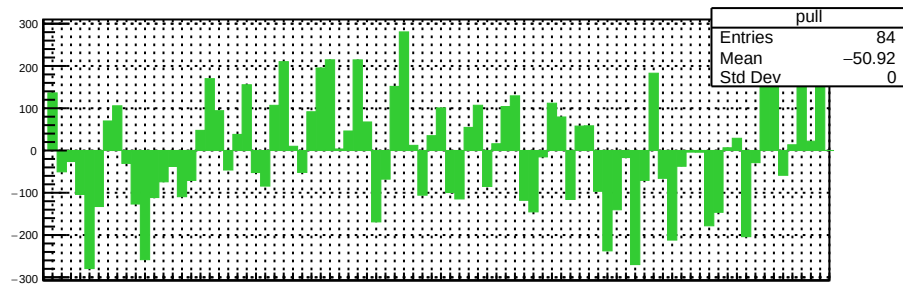
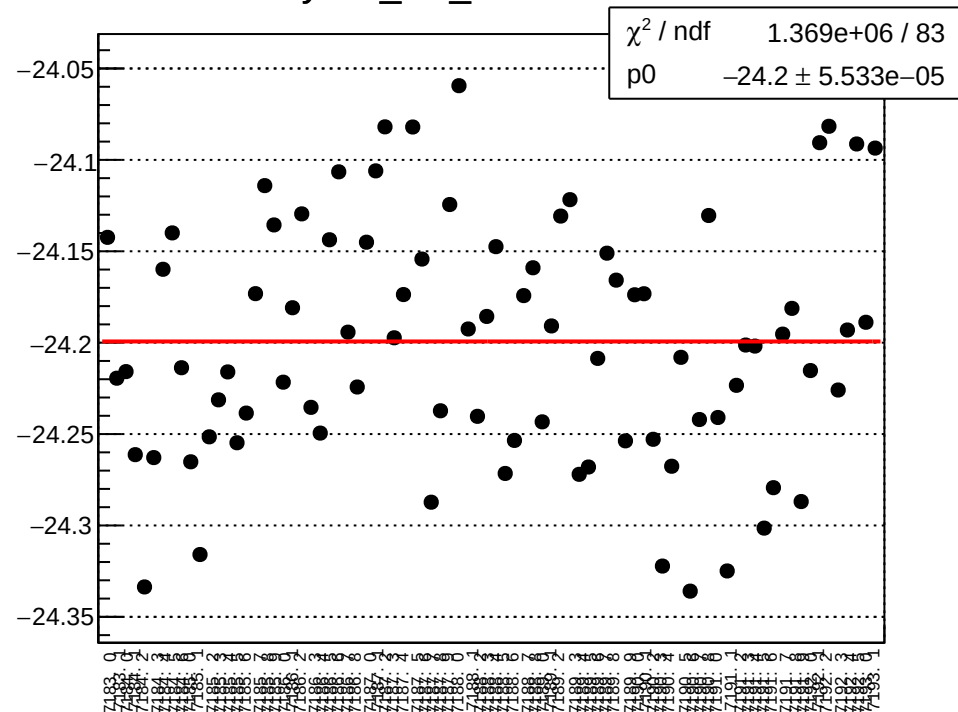
yield_usr_mean vs run



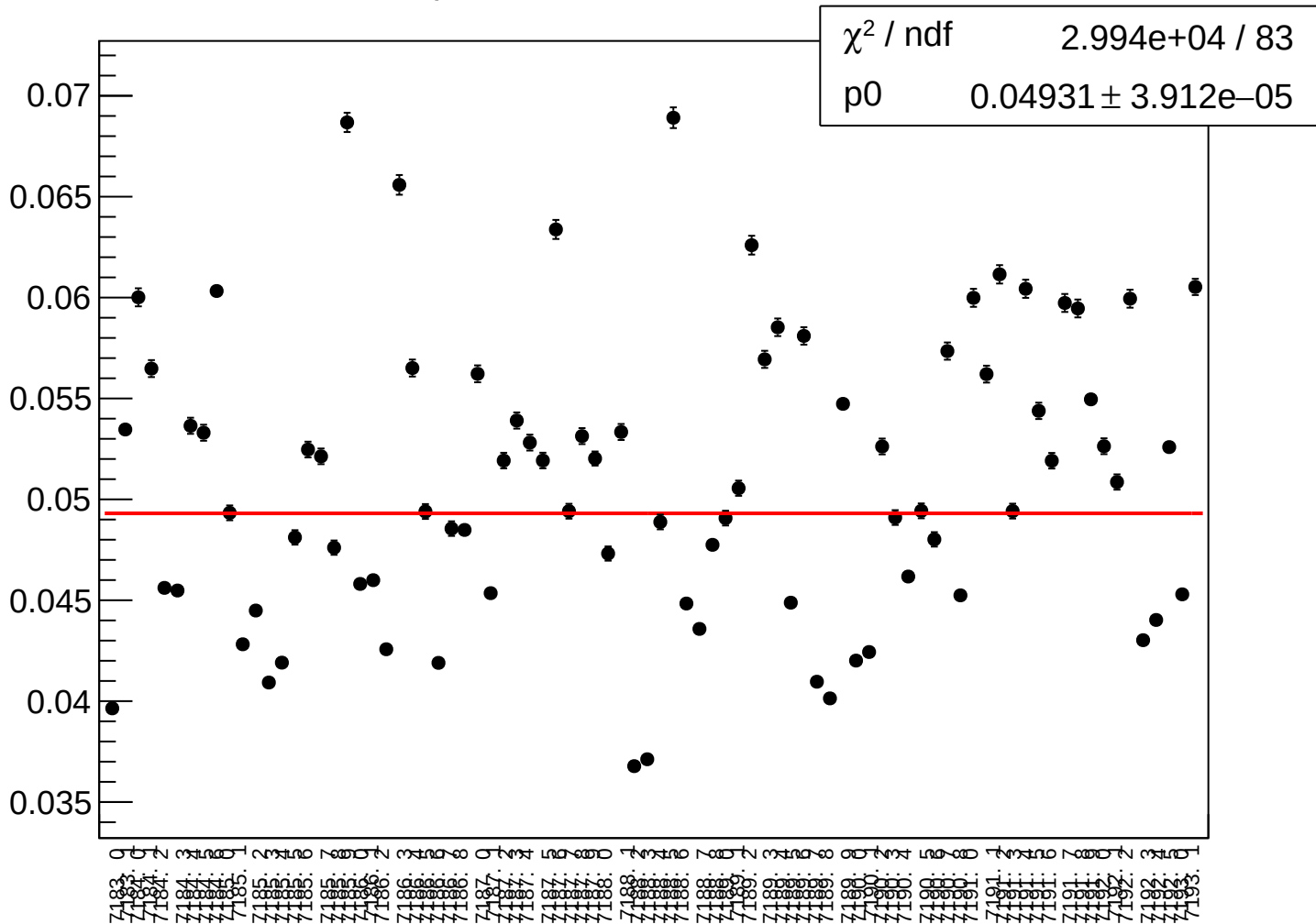
yield_usr_rms vs run



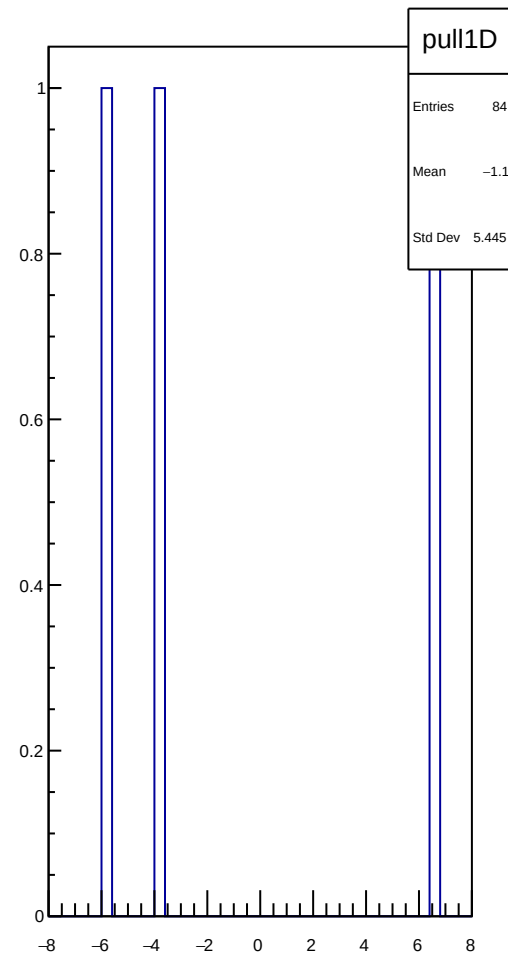
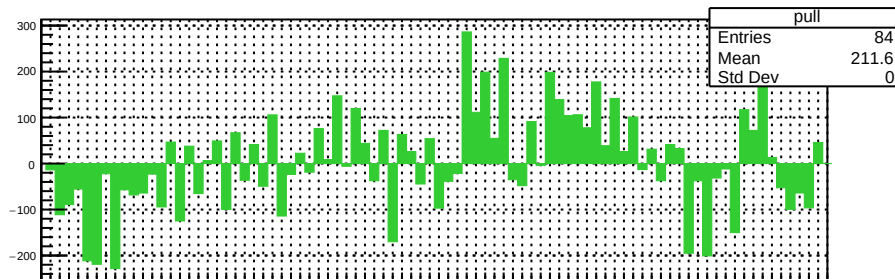
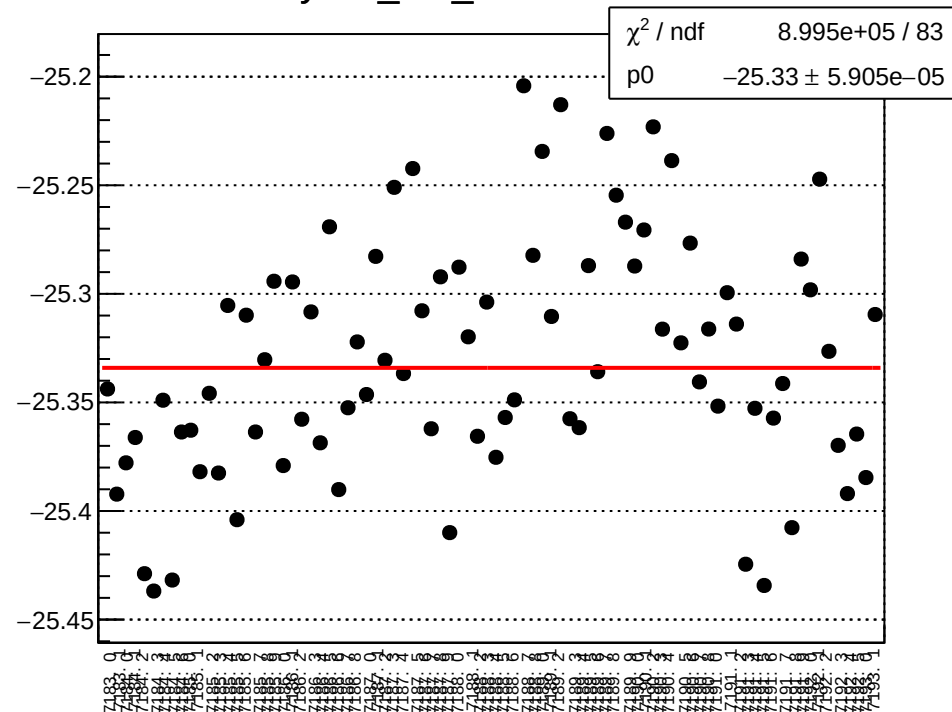
yield_dsl_mean vs run



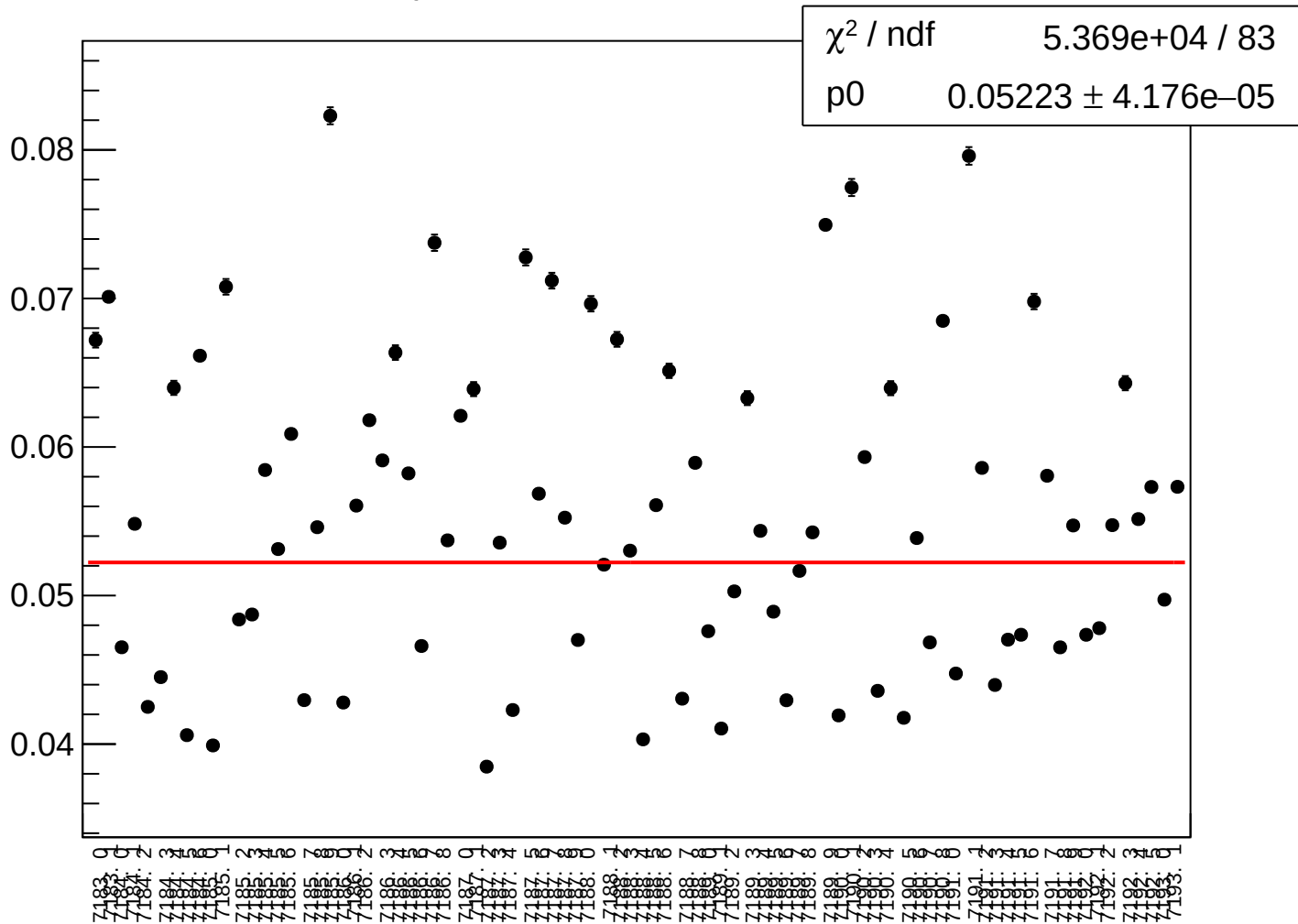
yield_dsl_rms vs run



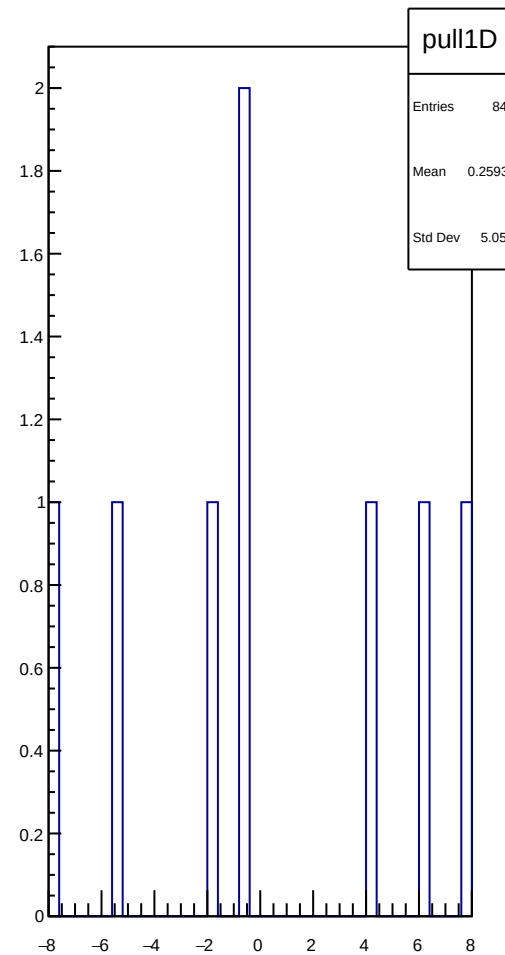
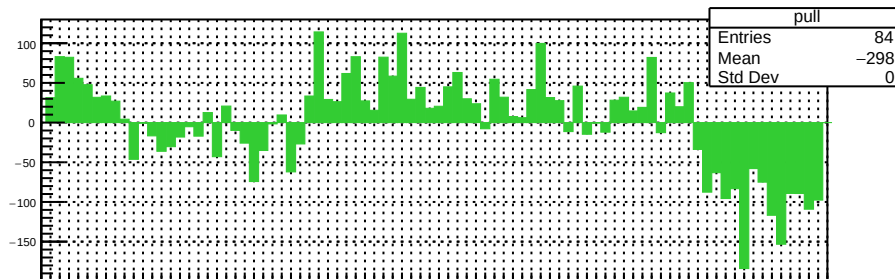
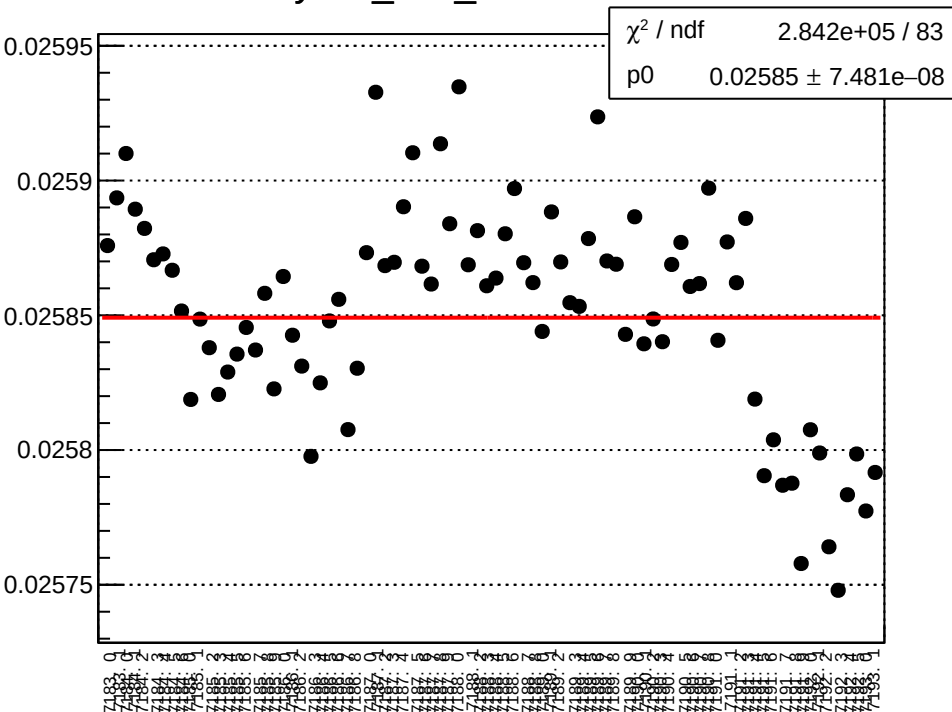
yield_dsr_mean vs run



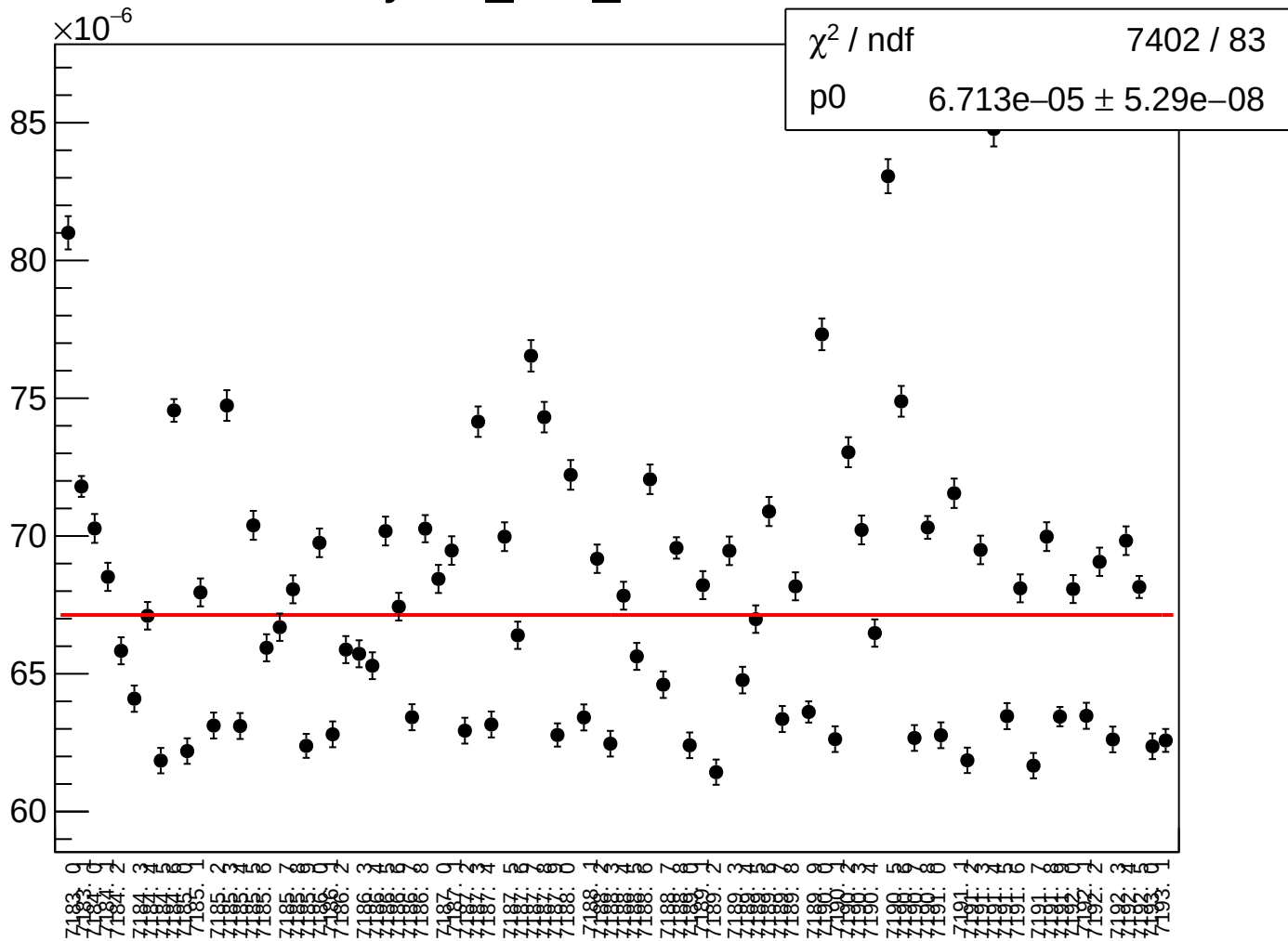
yield_dsr_rms vs run



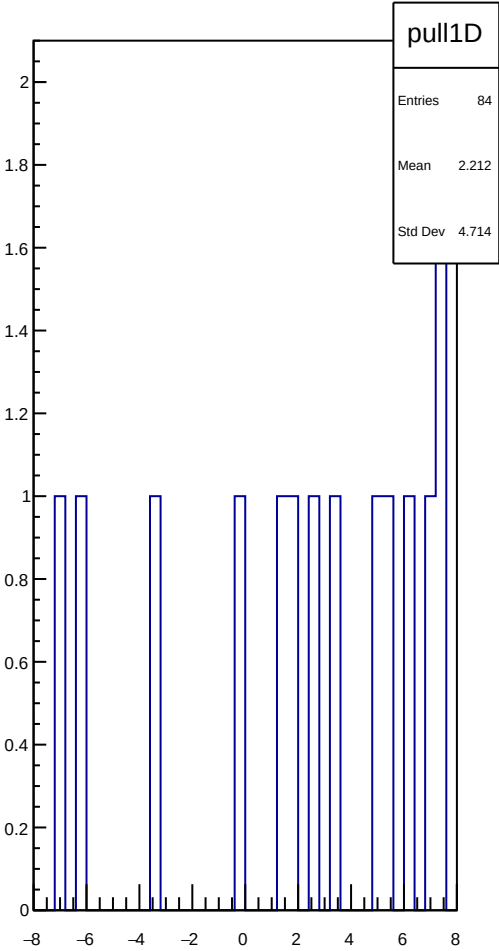
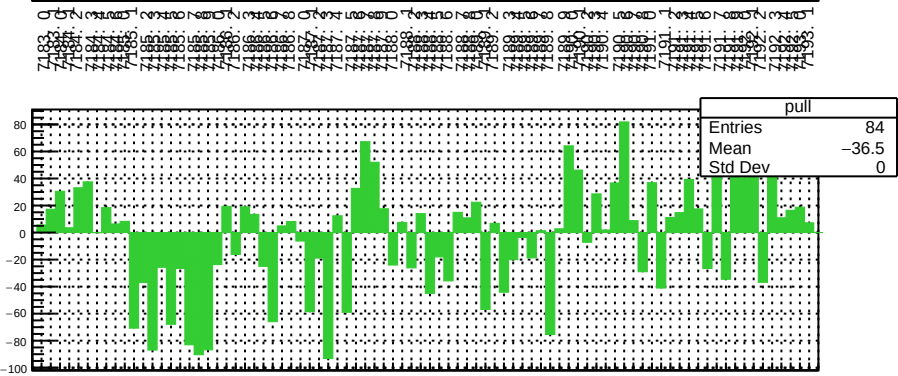
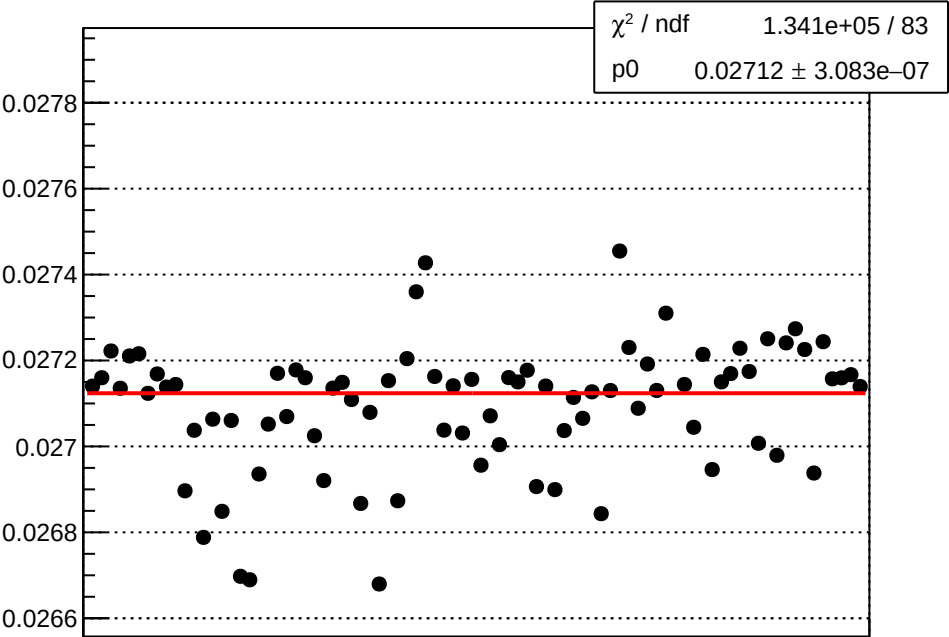
yield_atl1_mean vs run



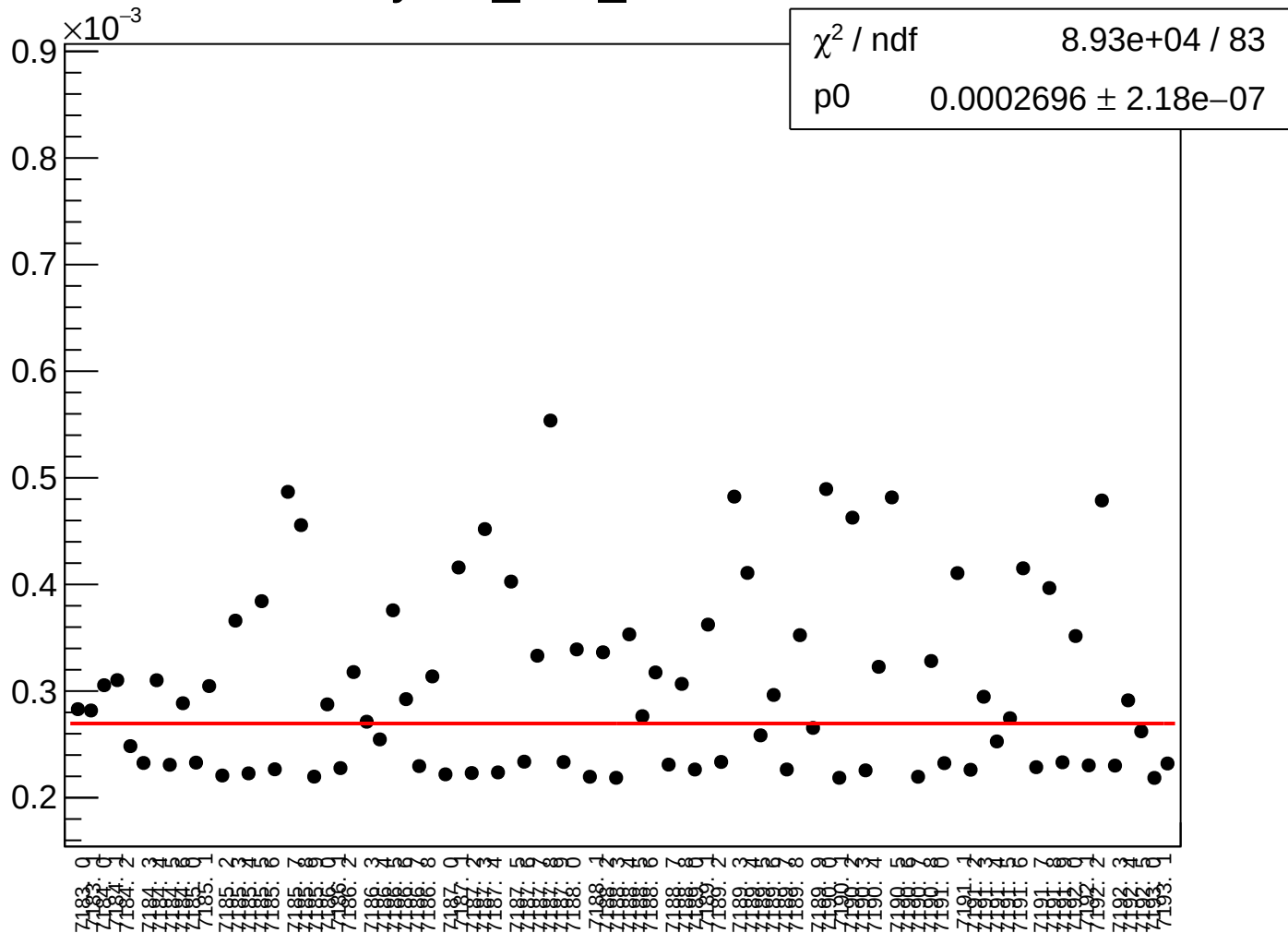
yield_atl1_rms vs run



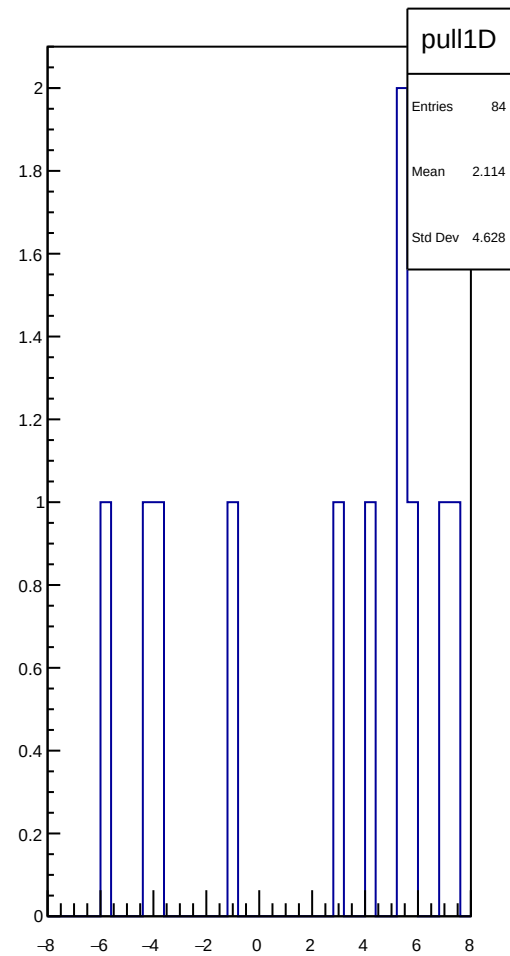
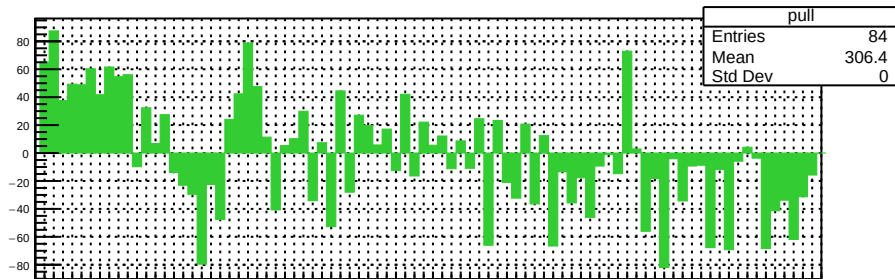
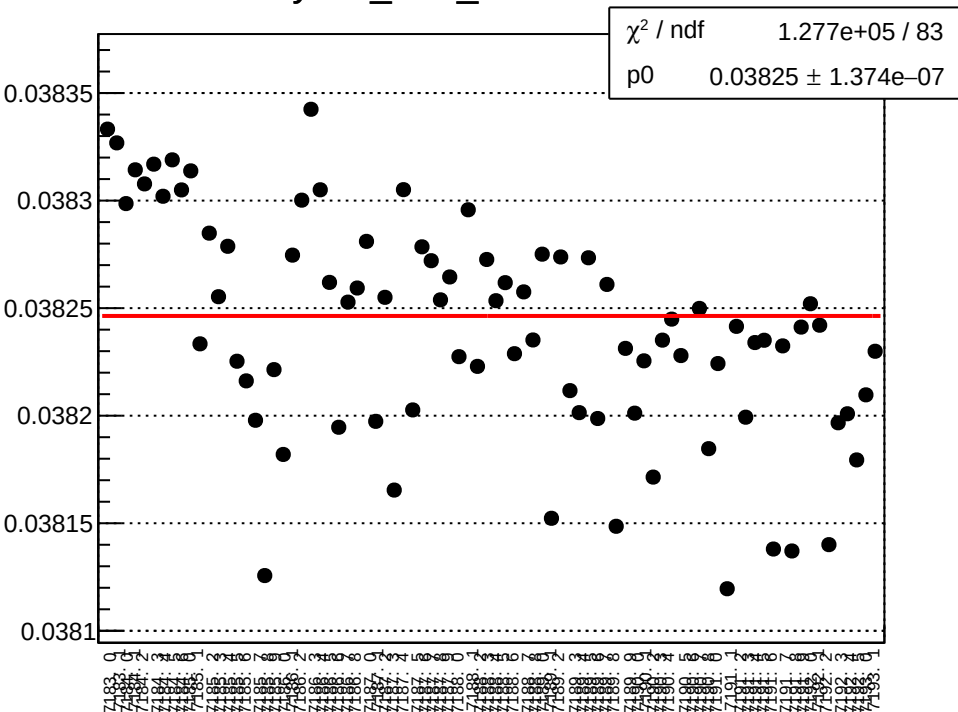
yield_atl2_mean vs run



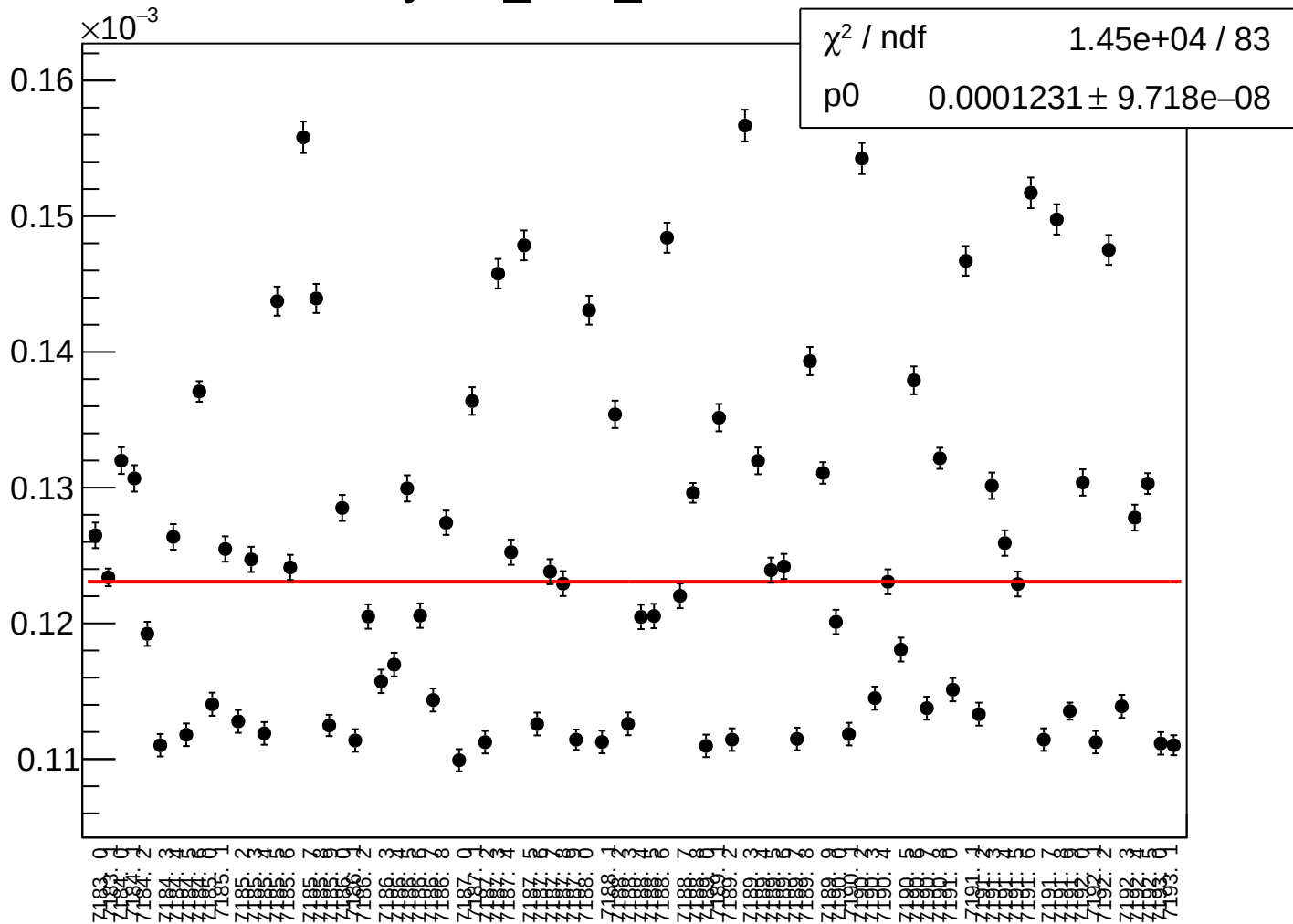
yield_atl2_rms vs run



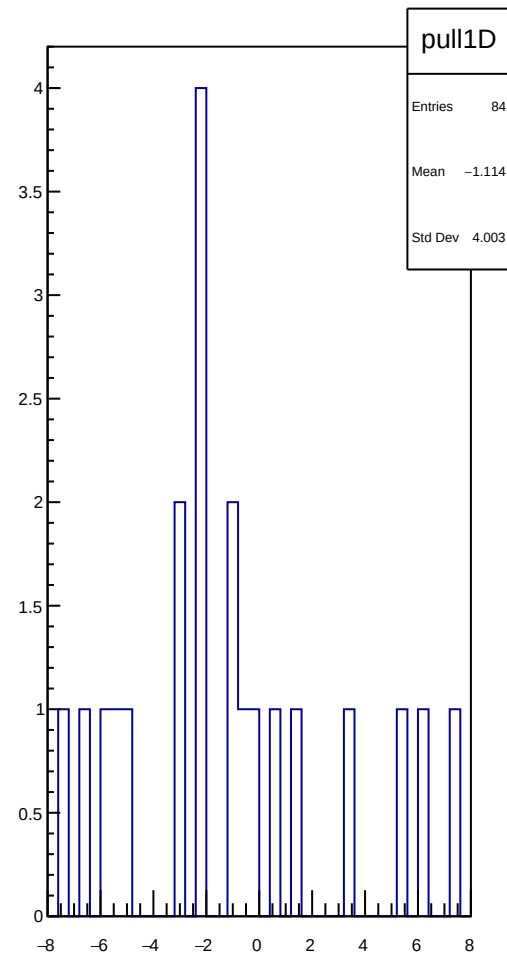
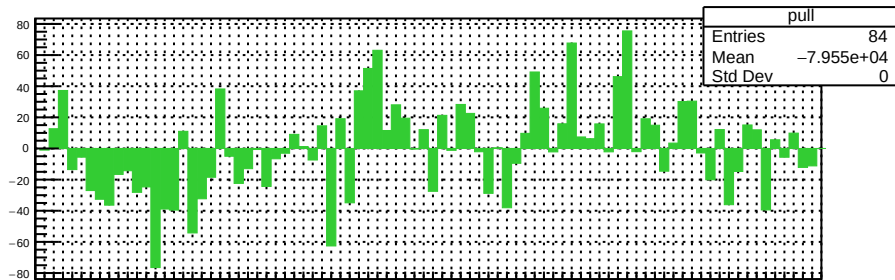
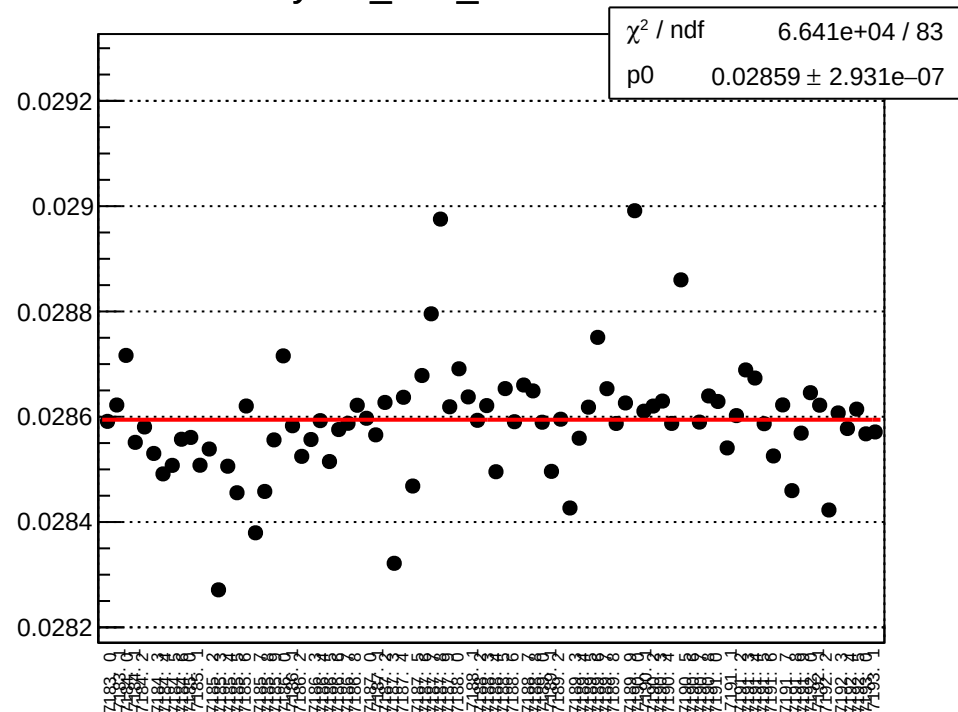
yield_atr1_mean vs run



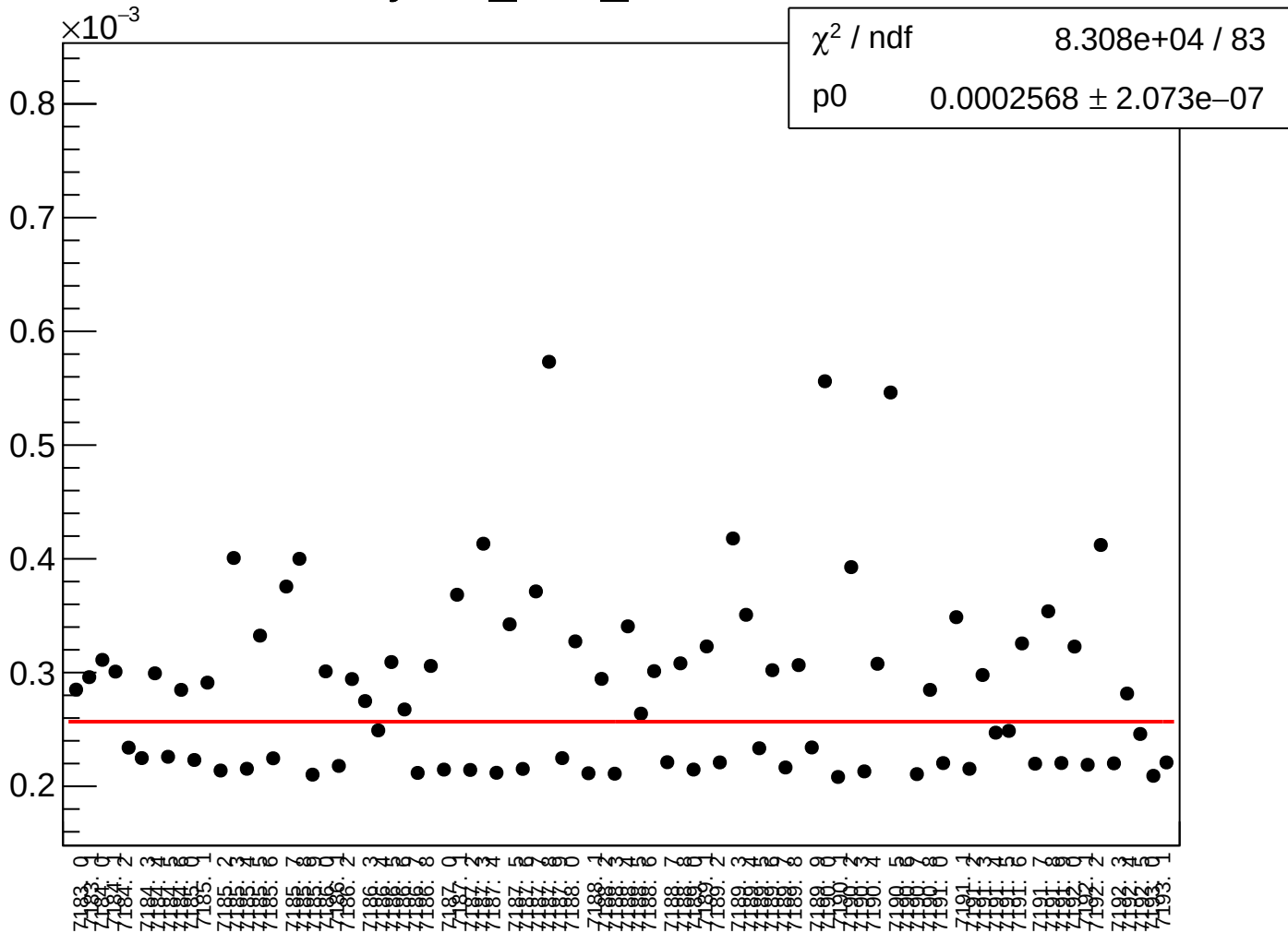
yield_atr1_rms vs run



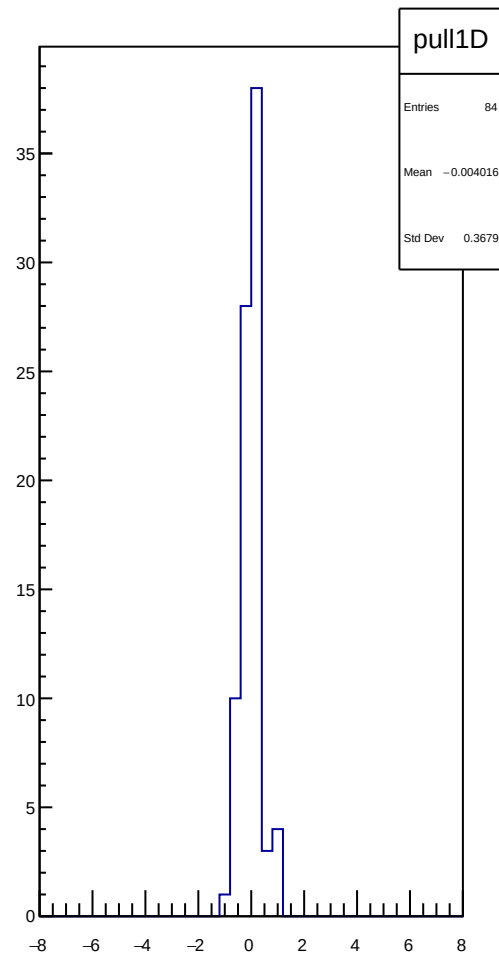
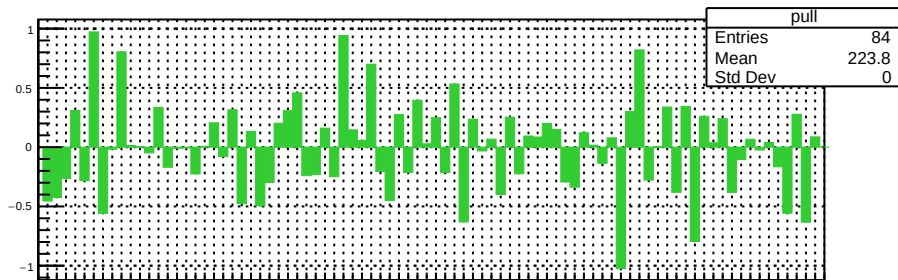
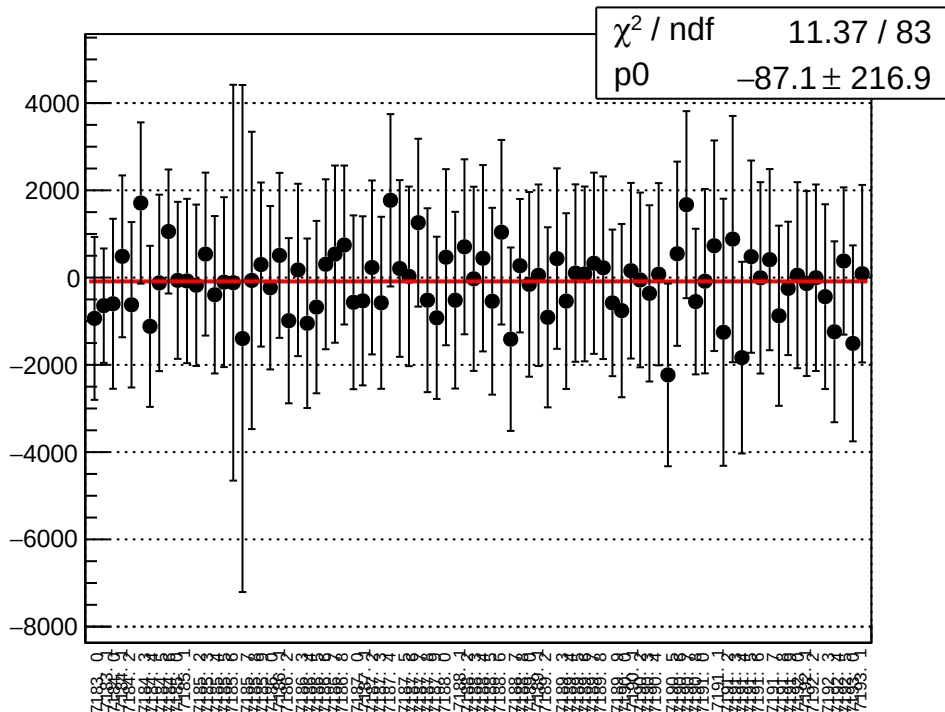
yield_atr2_mean vs run



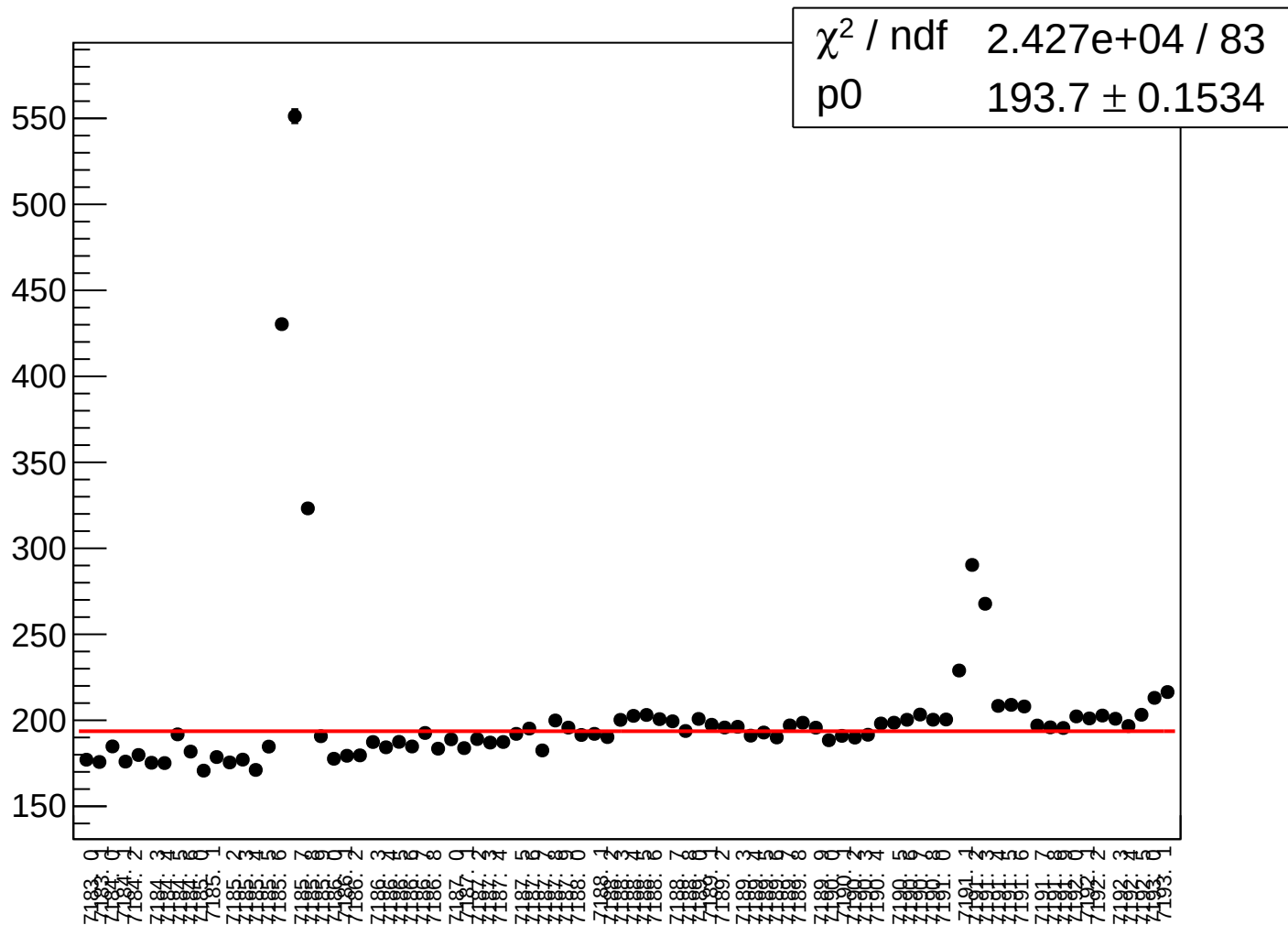
yield_atr2_rms vs run



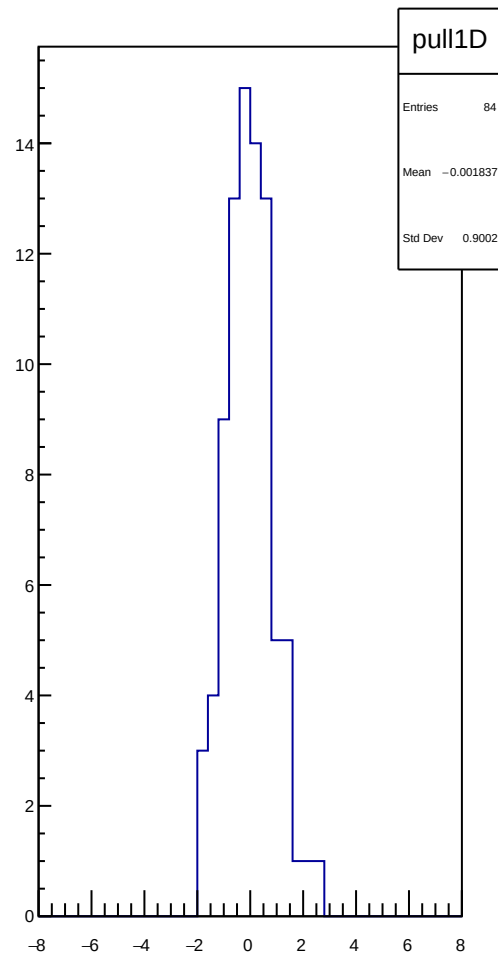
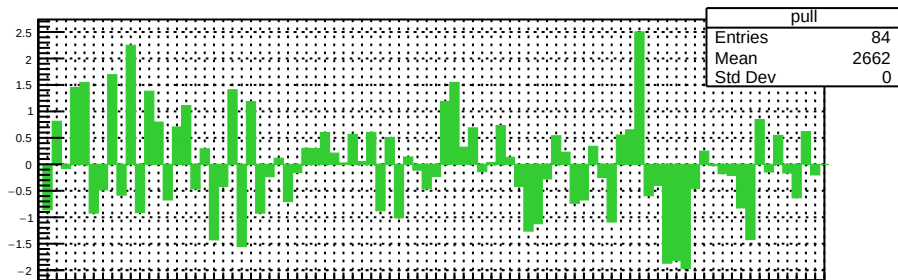
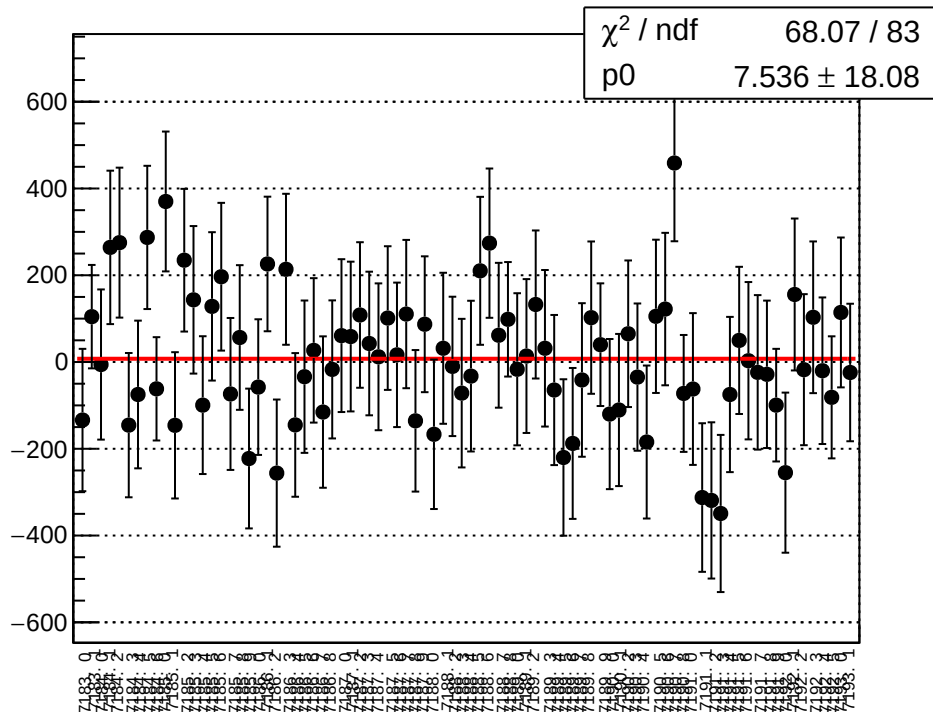
asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs run



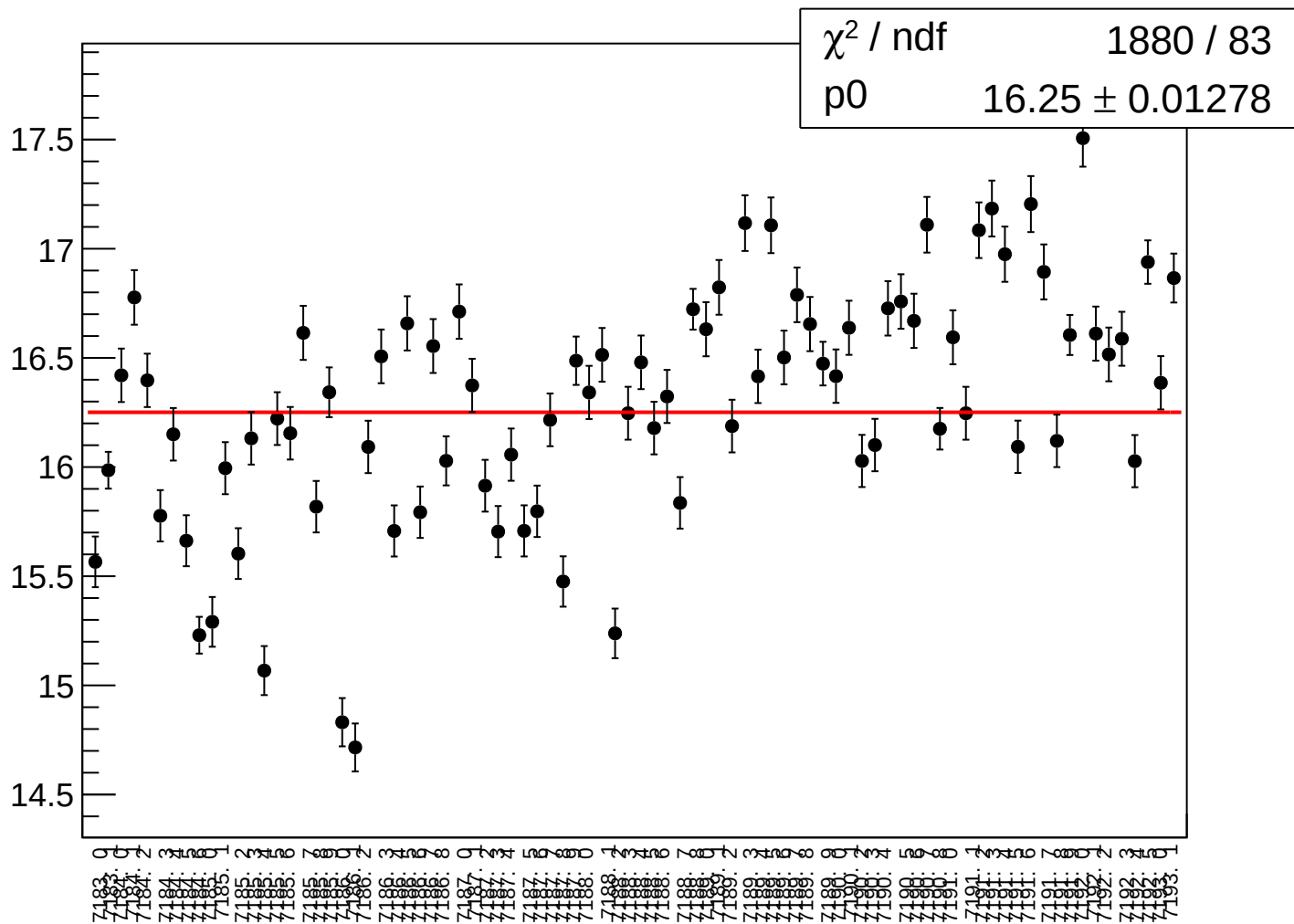
asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs run



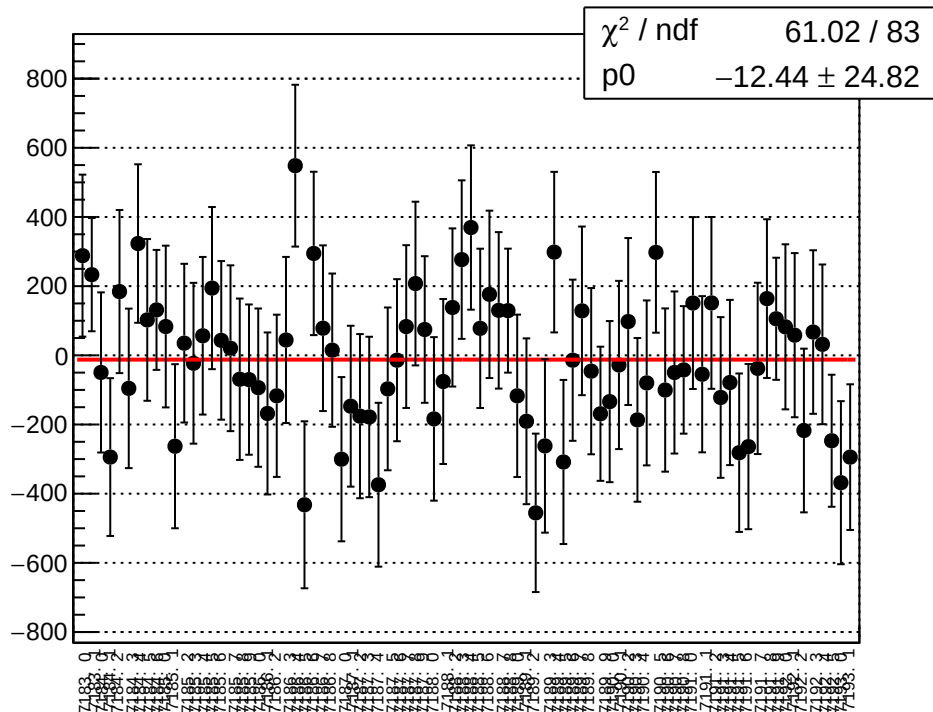
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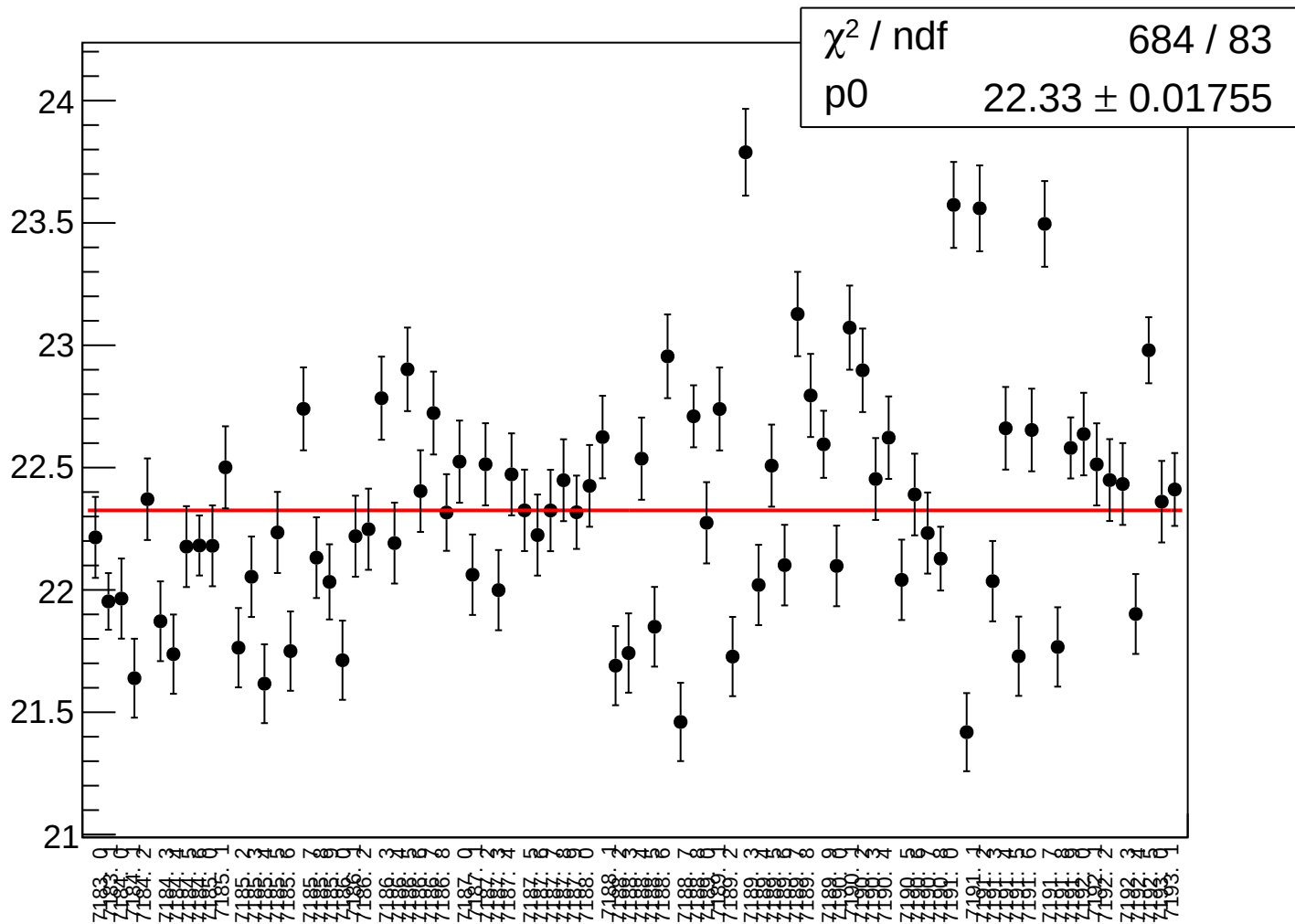
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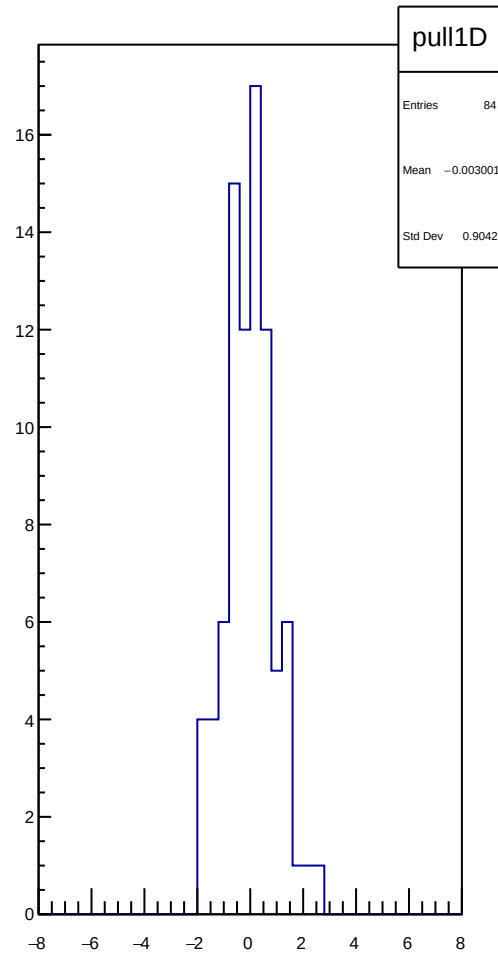
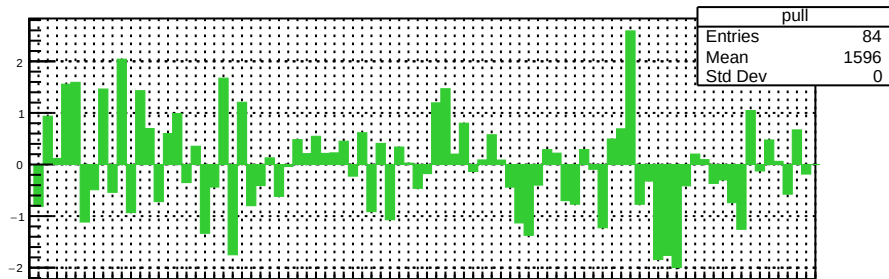
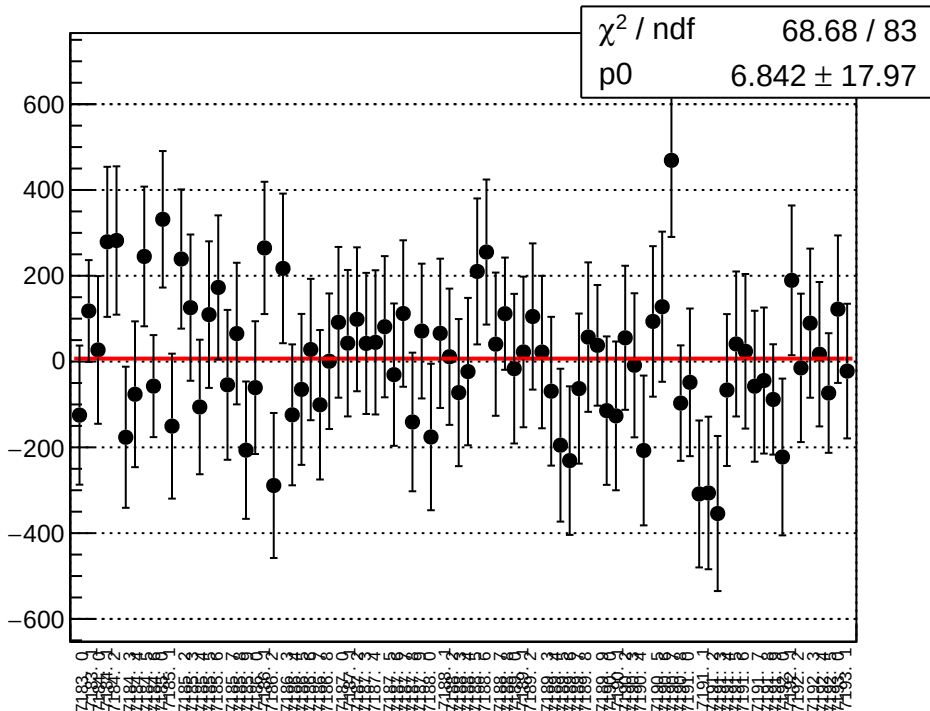
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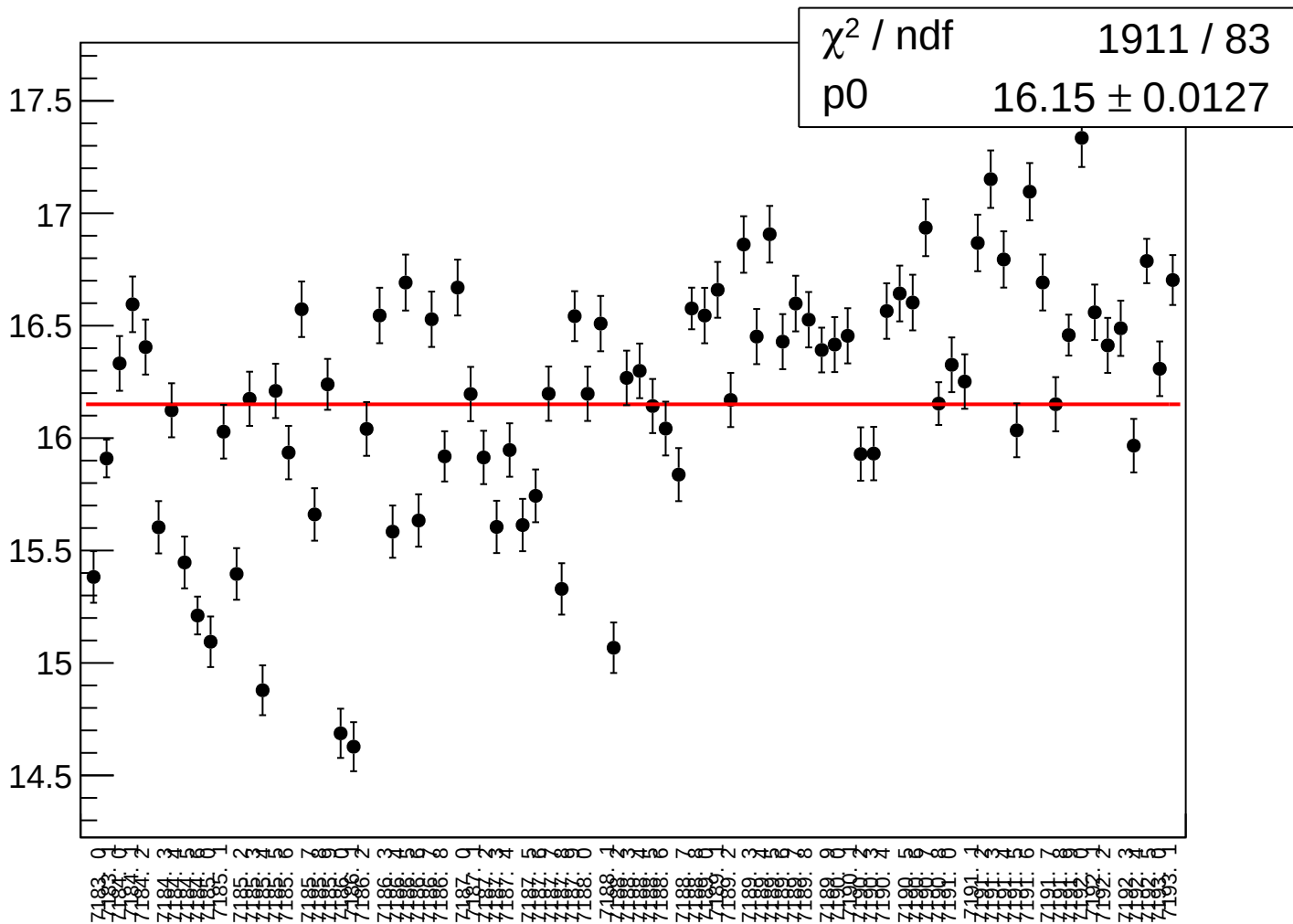
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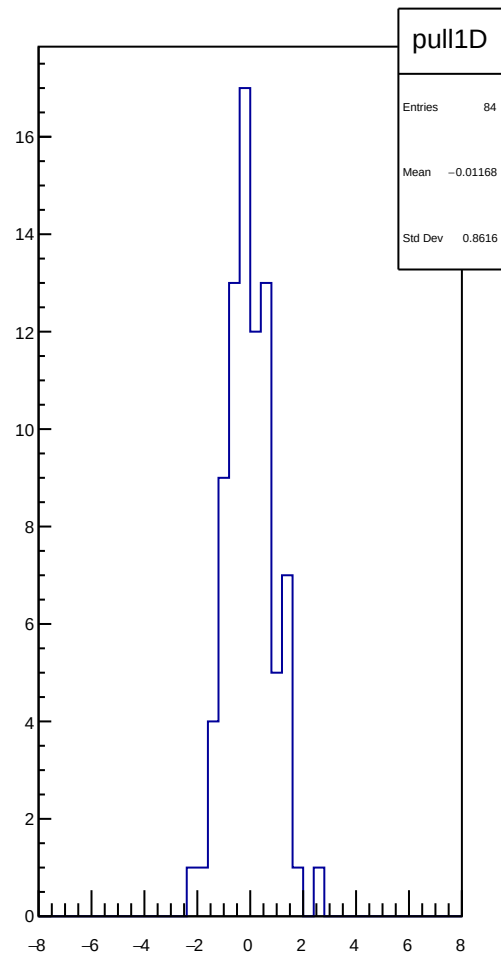
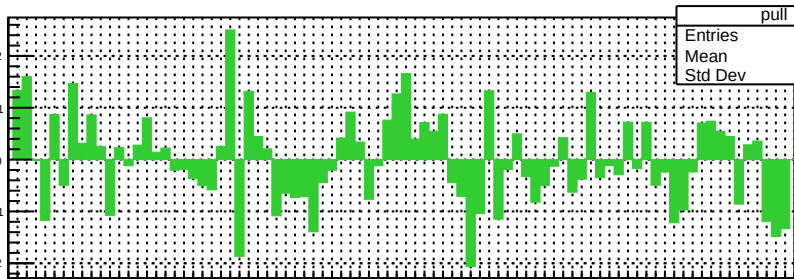
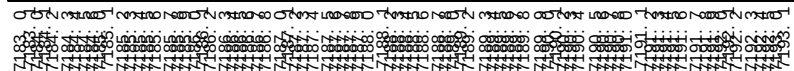
asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs run



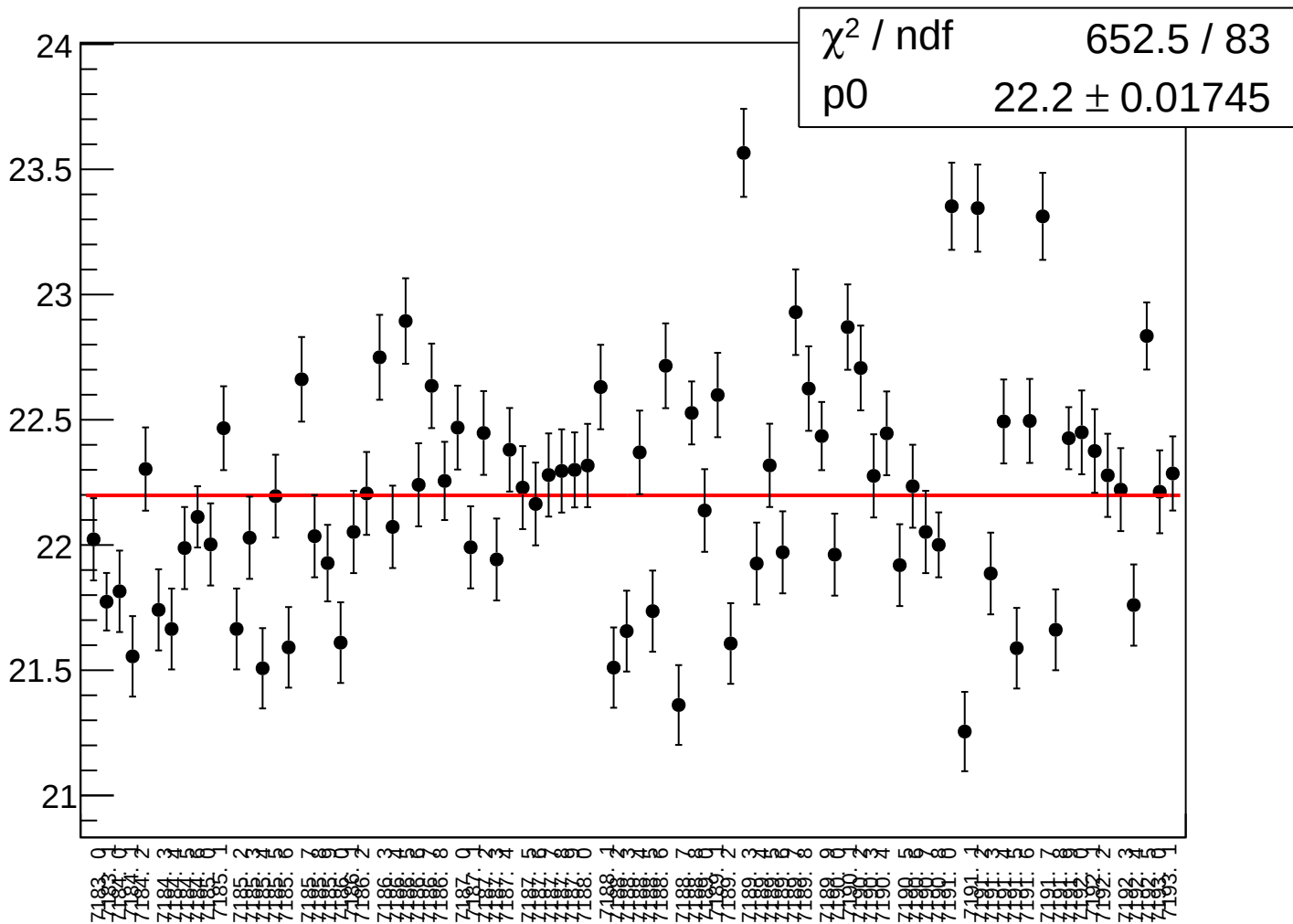
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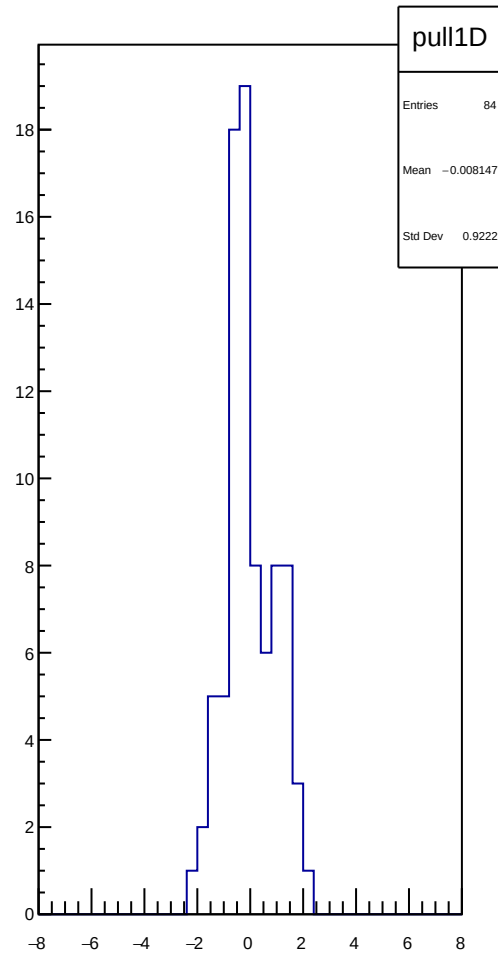
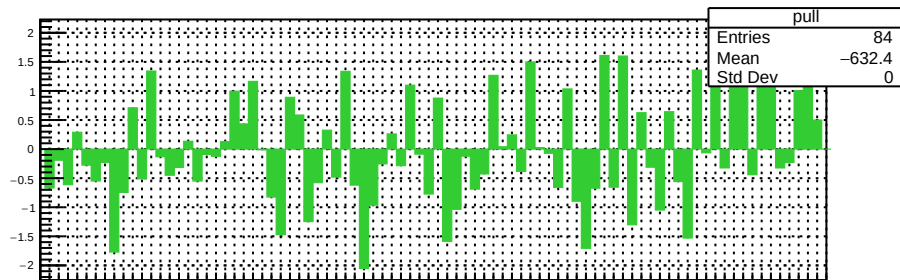
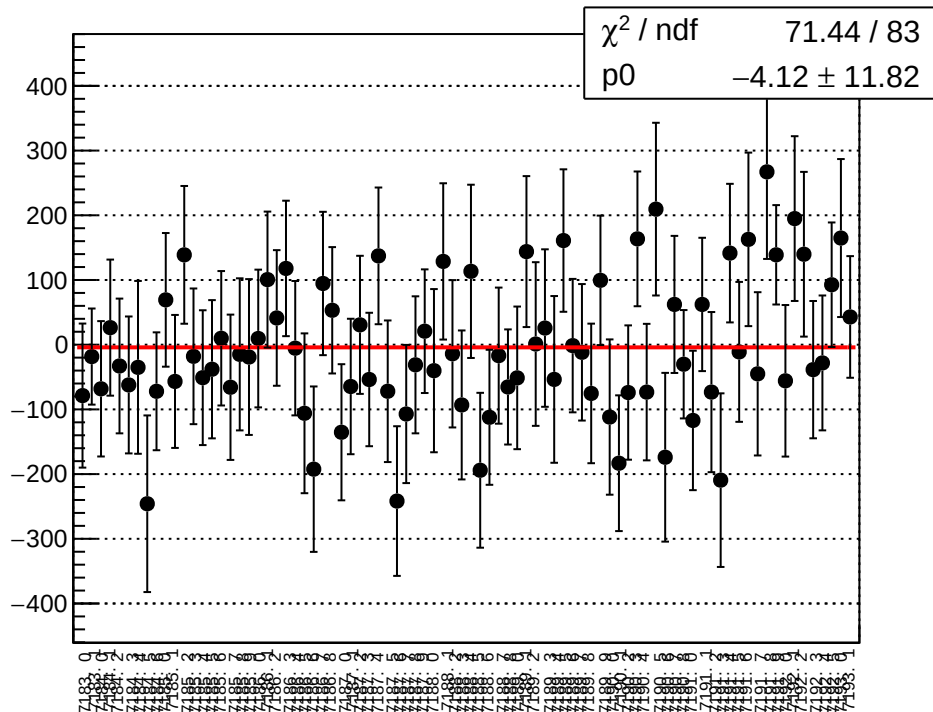
χ^2 / ndf 62.37
p0 -13 ± 2



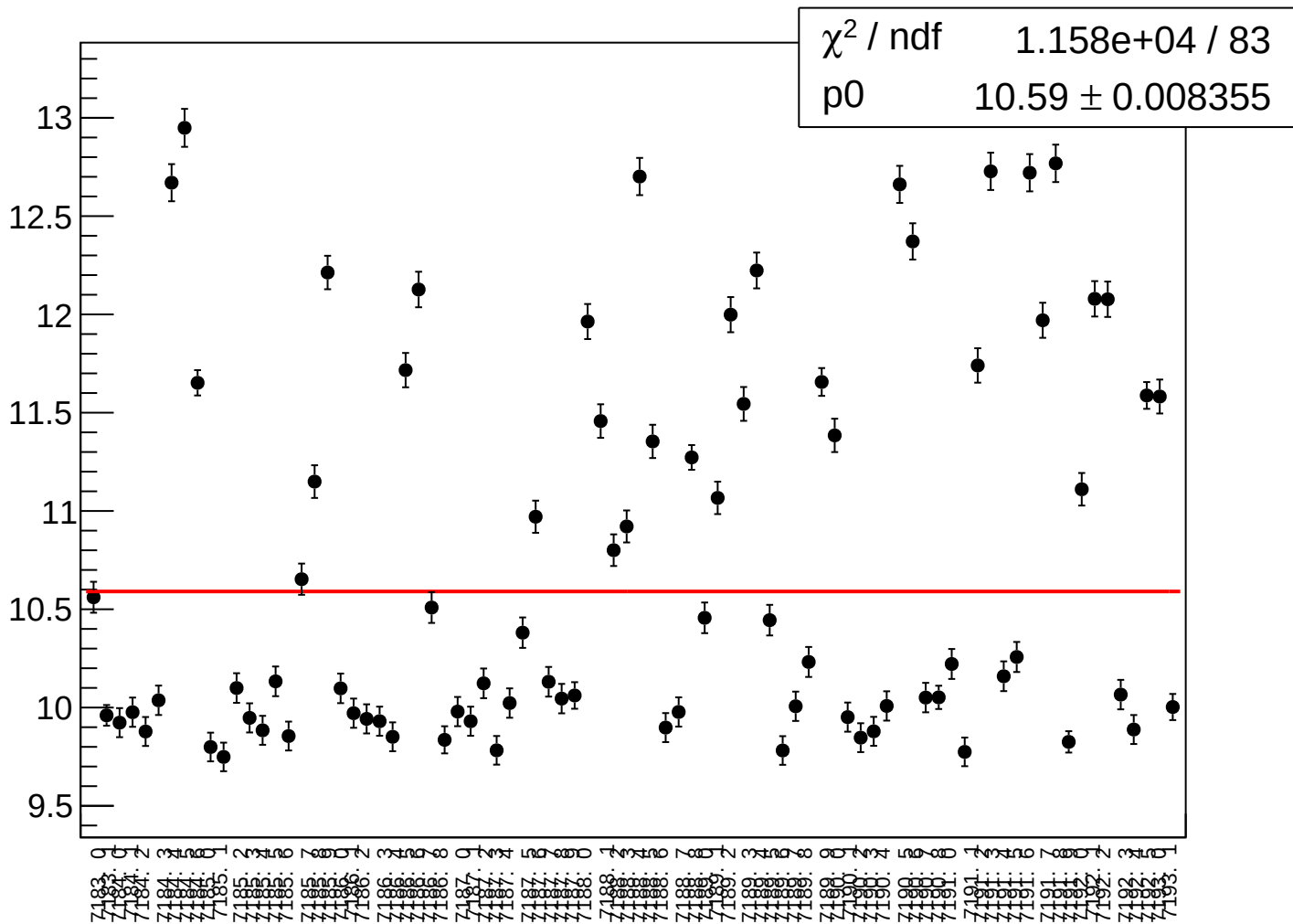
asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs run



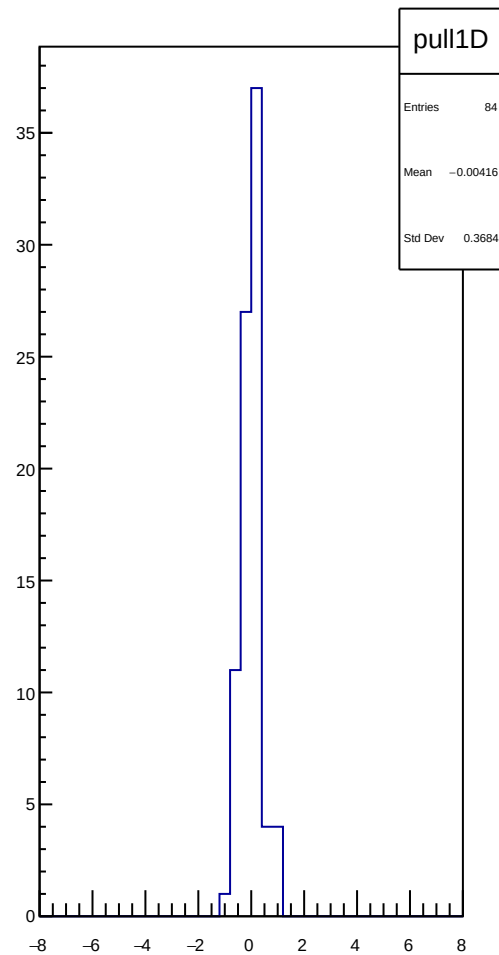
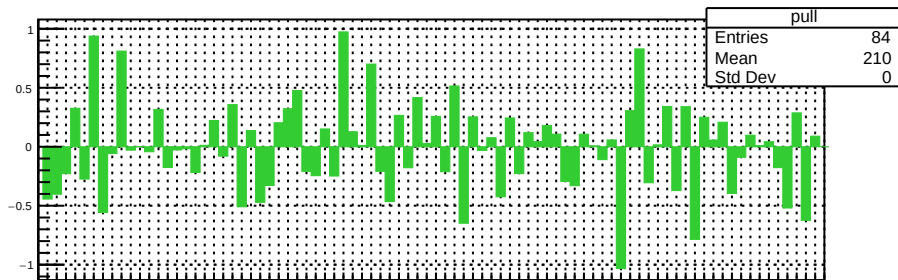
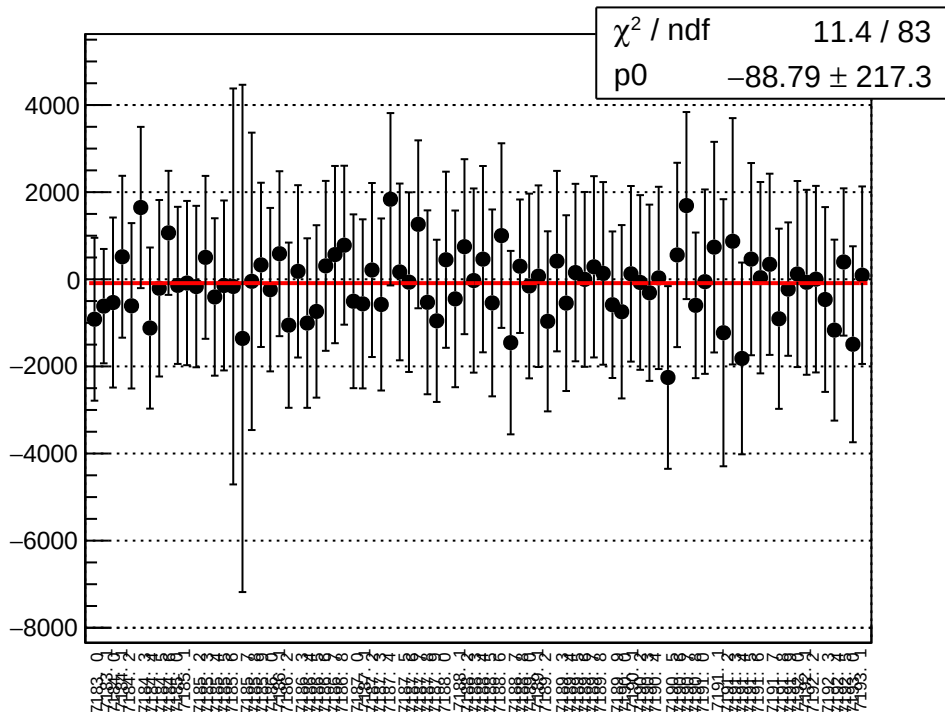
asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs run



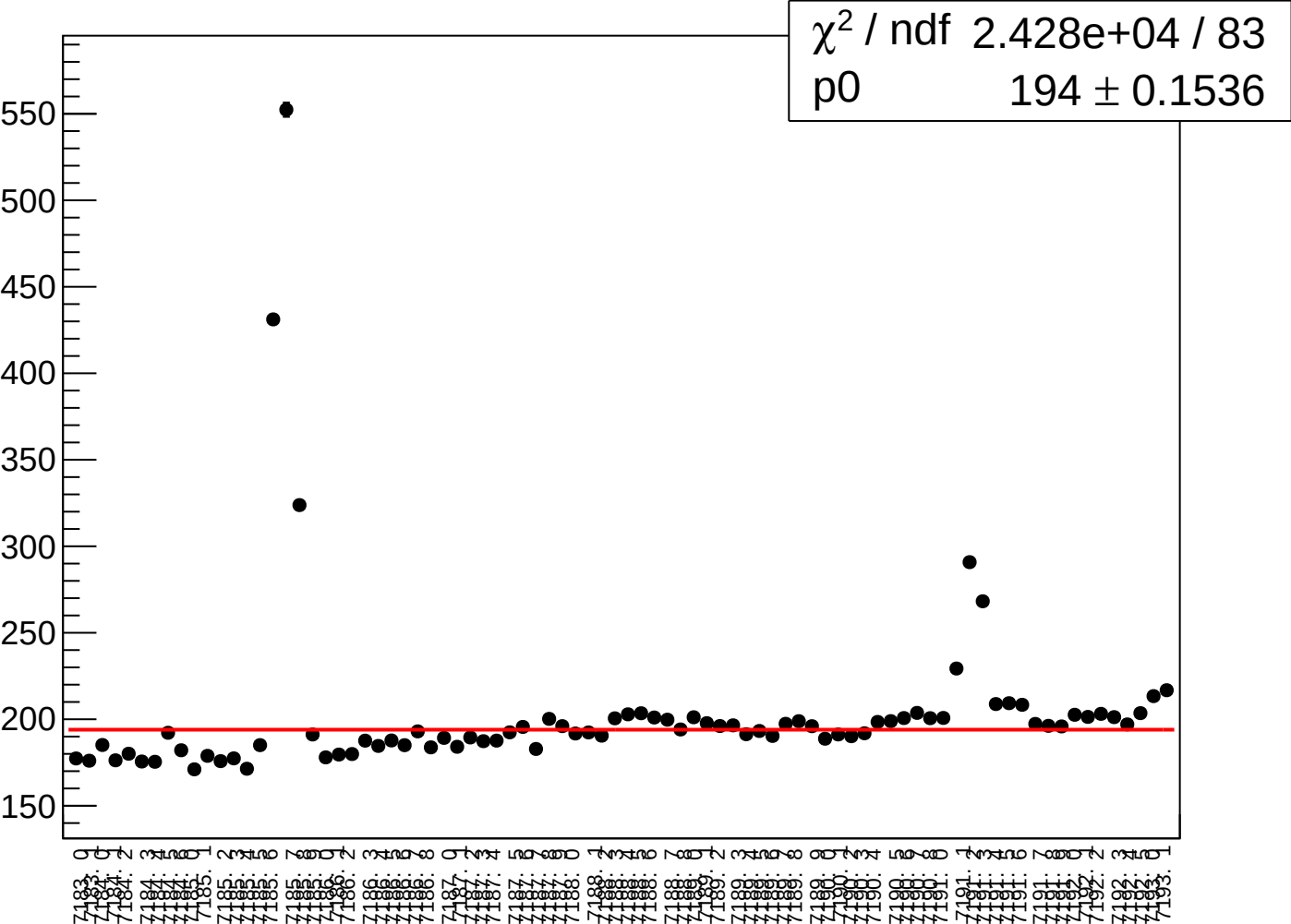
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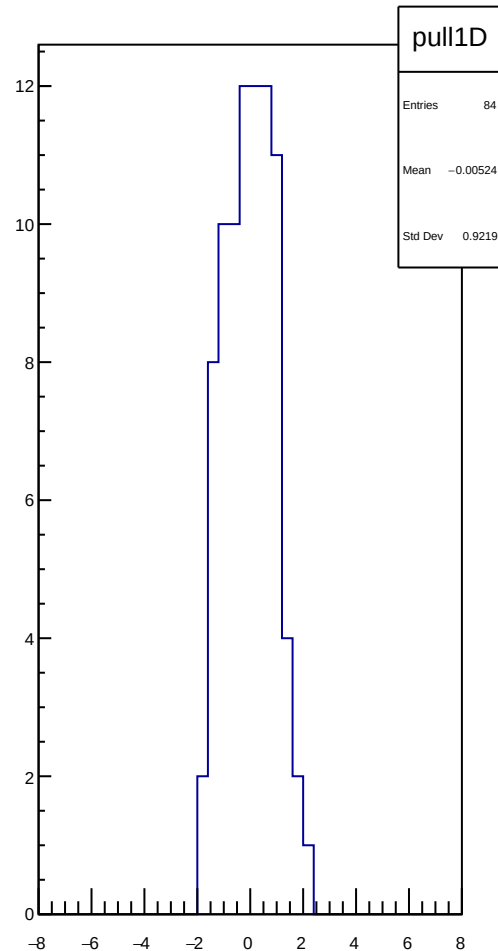
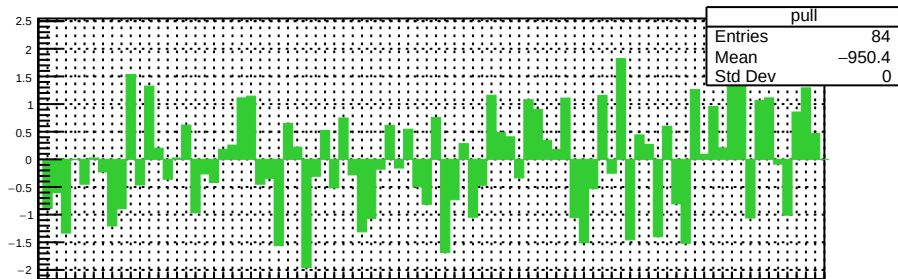
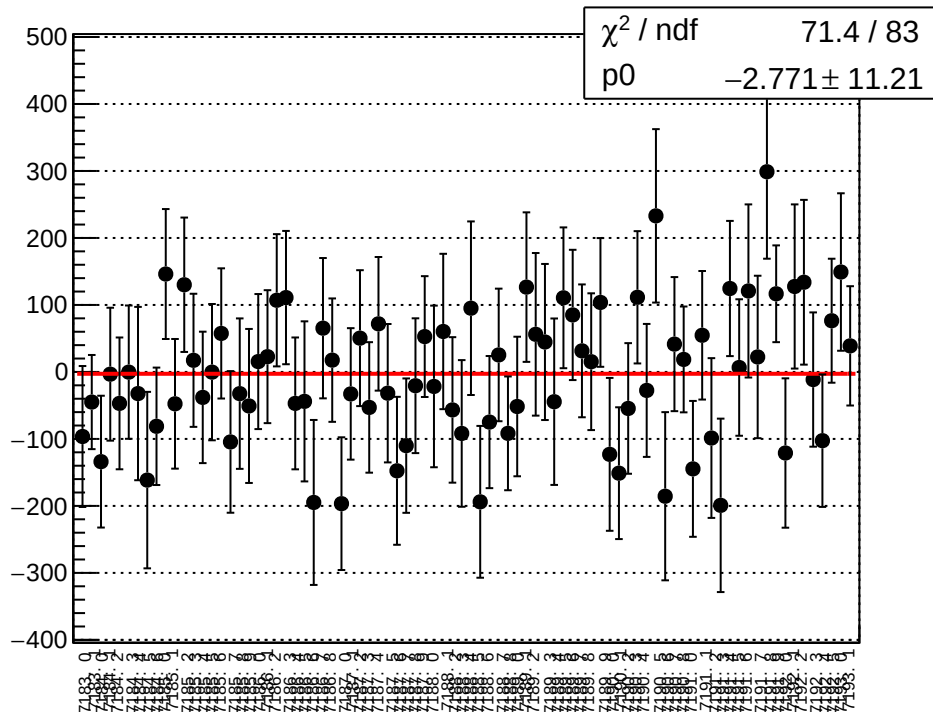
asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs run



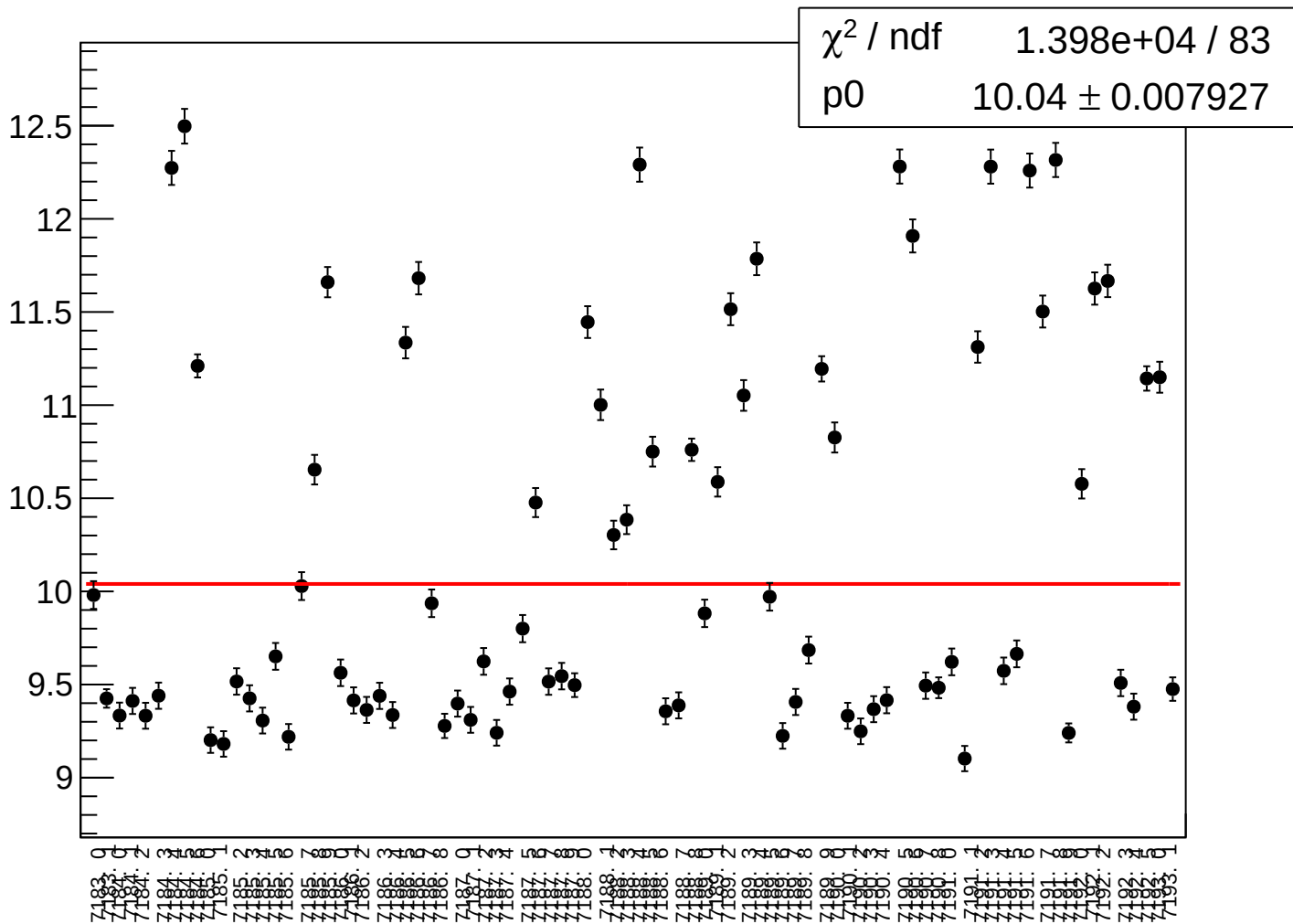
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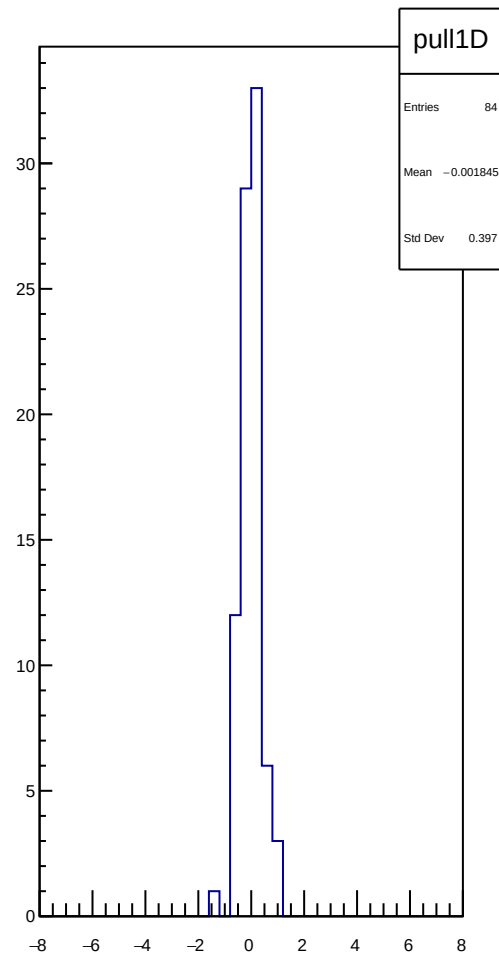
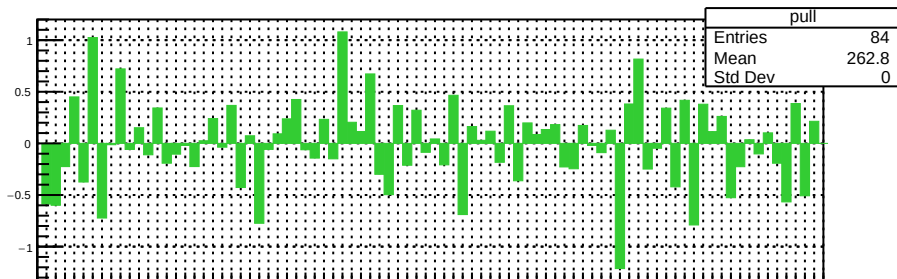
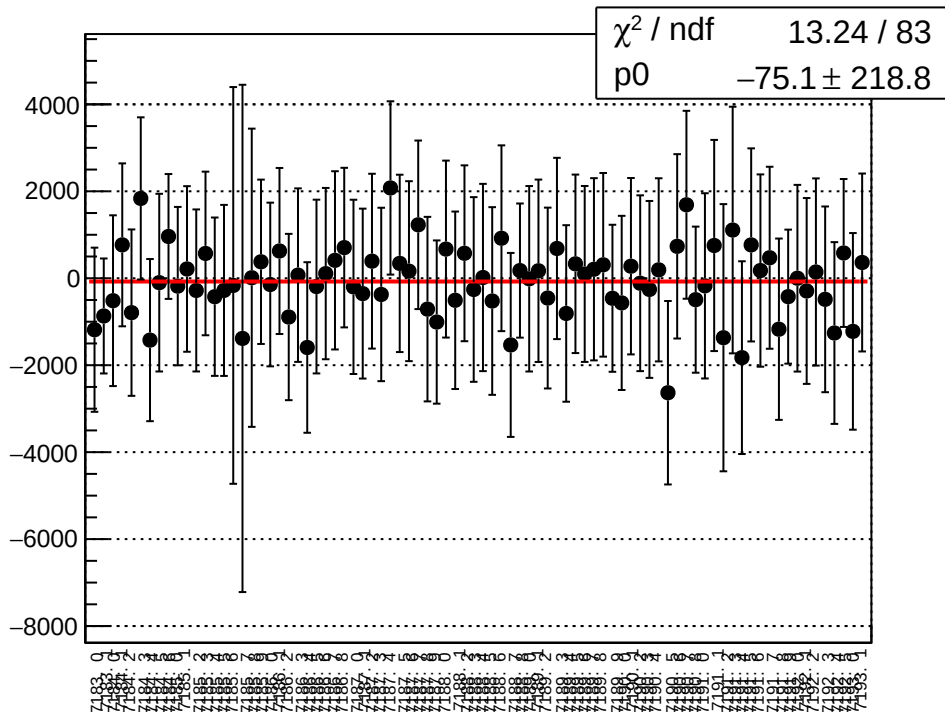
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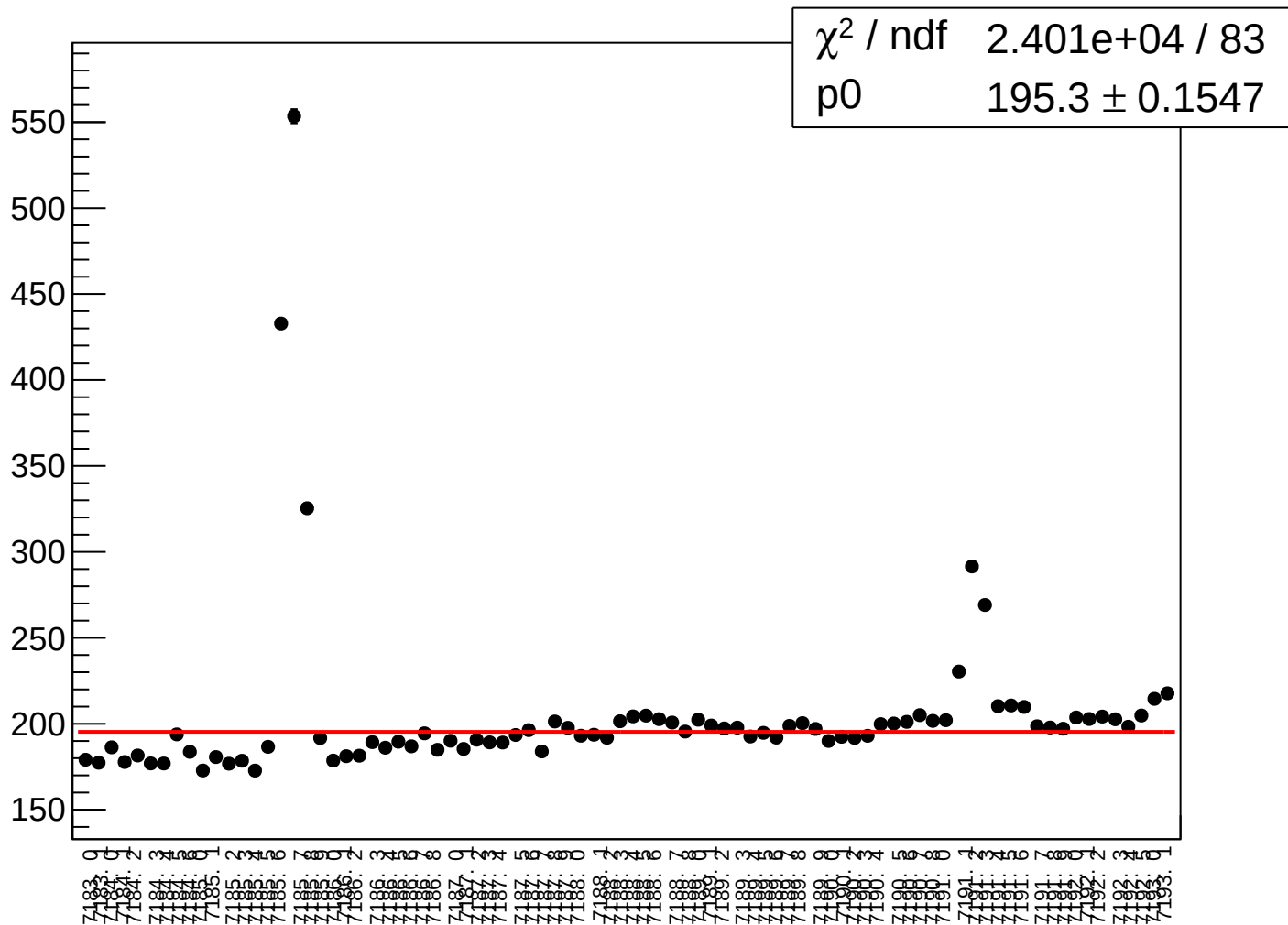
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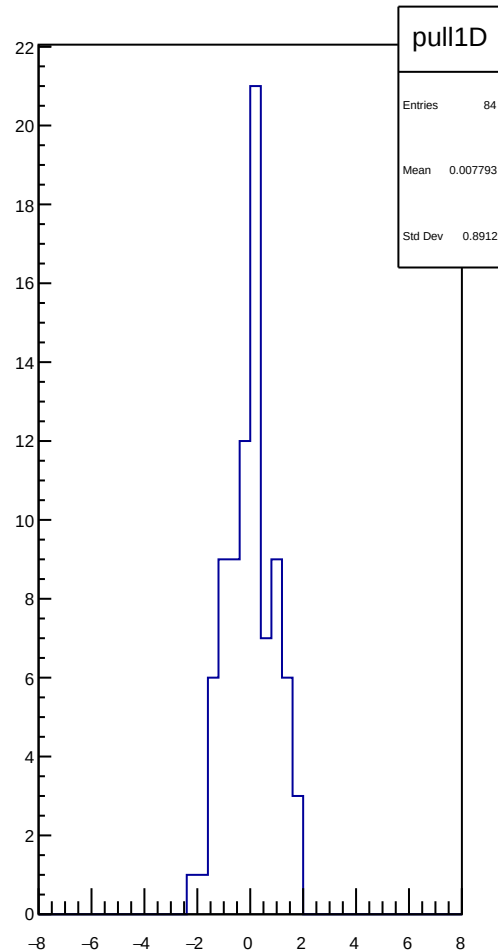
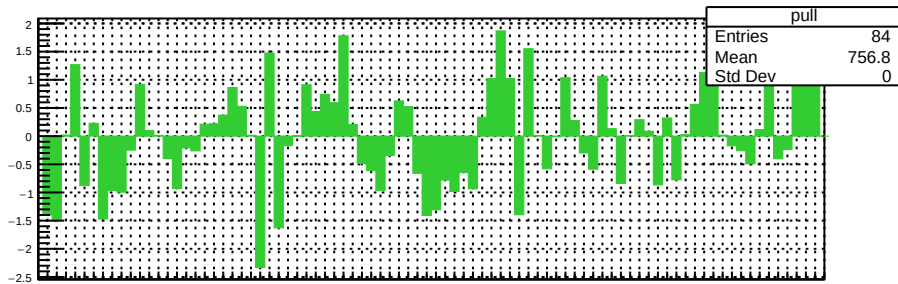
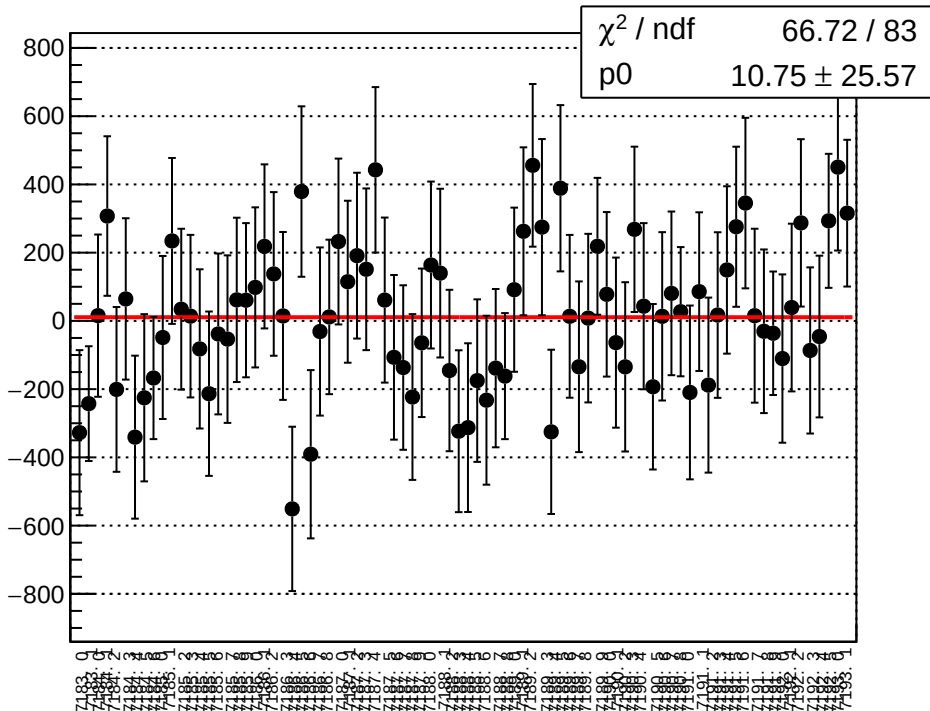
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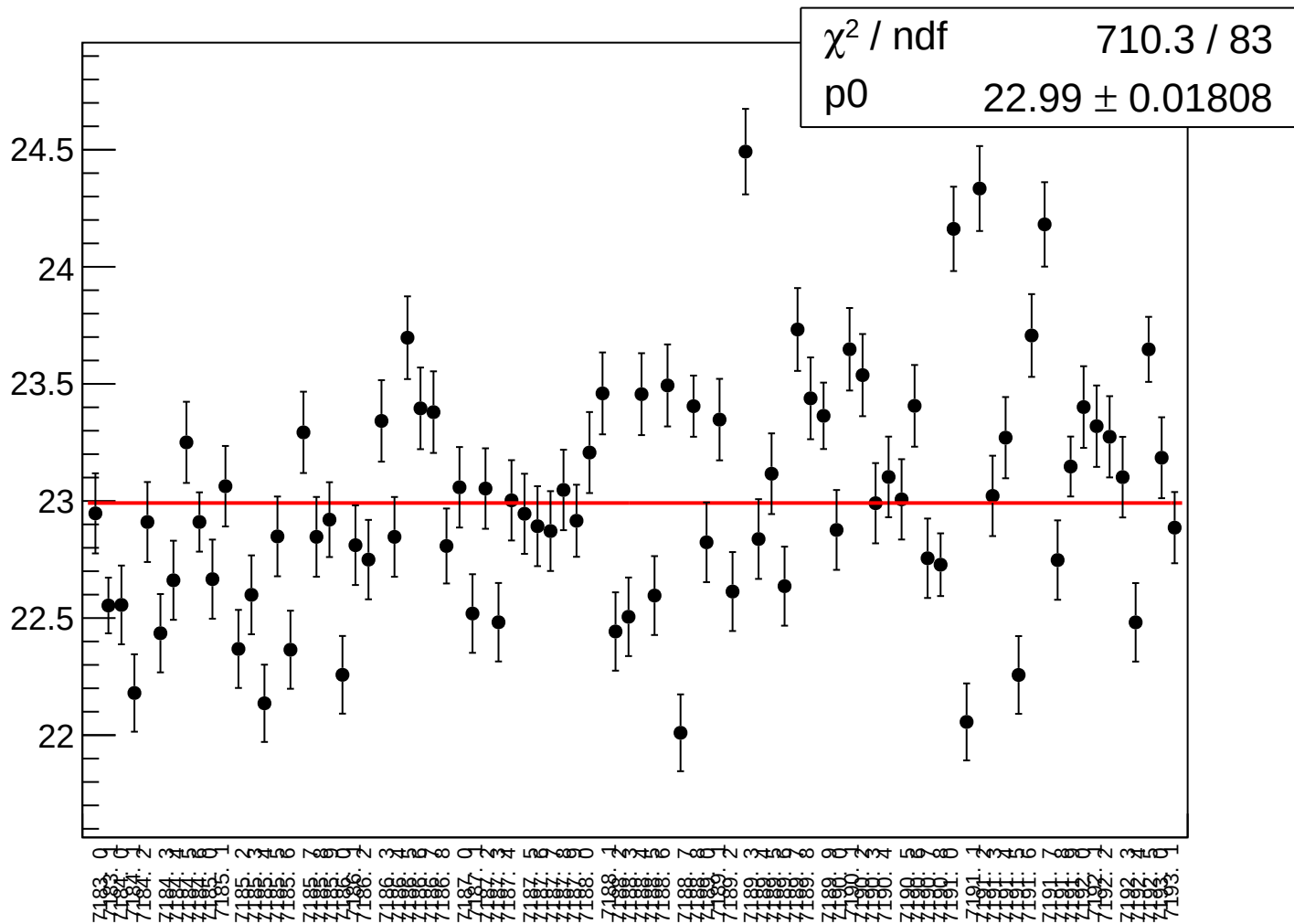
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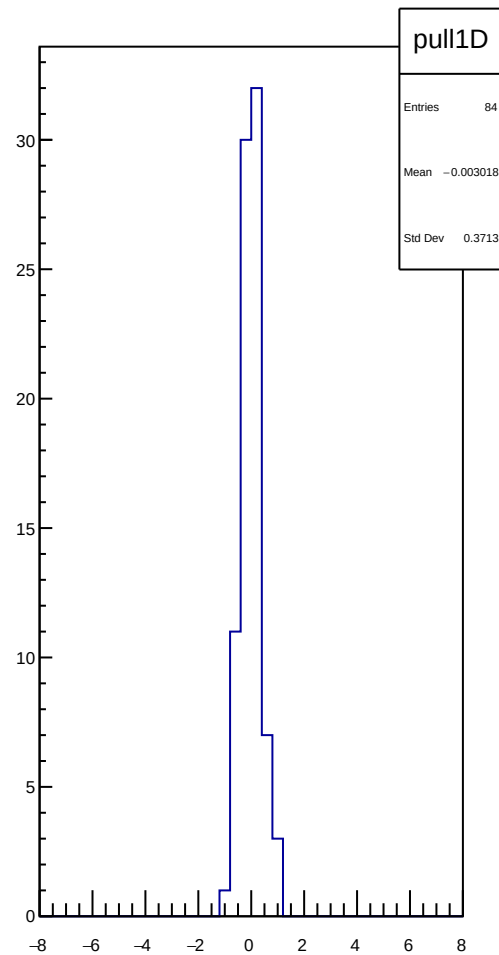
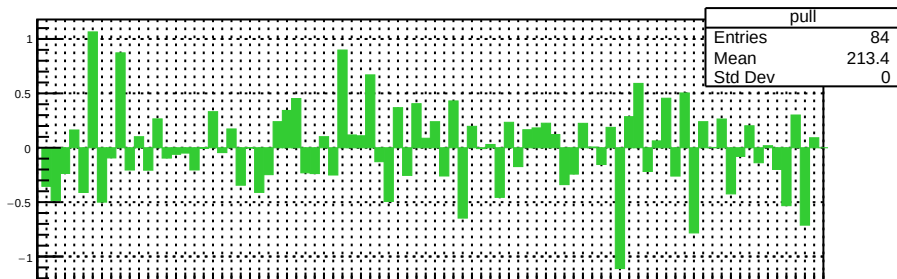
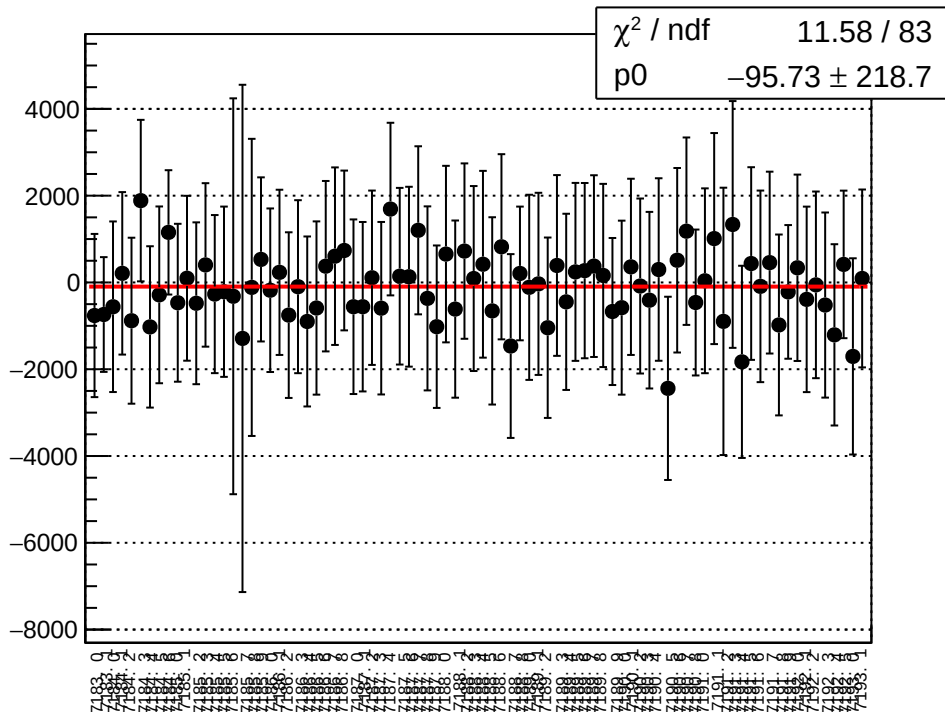
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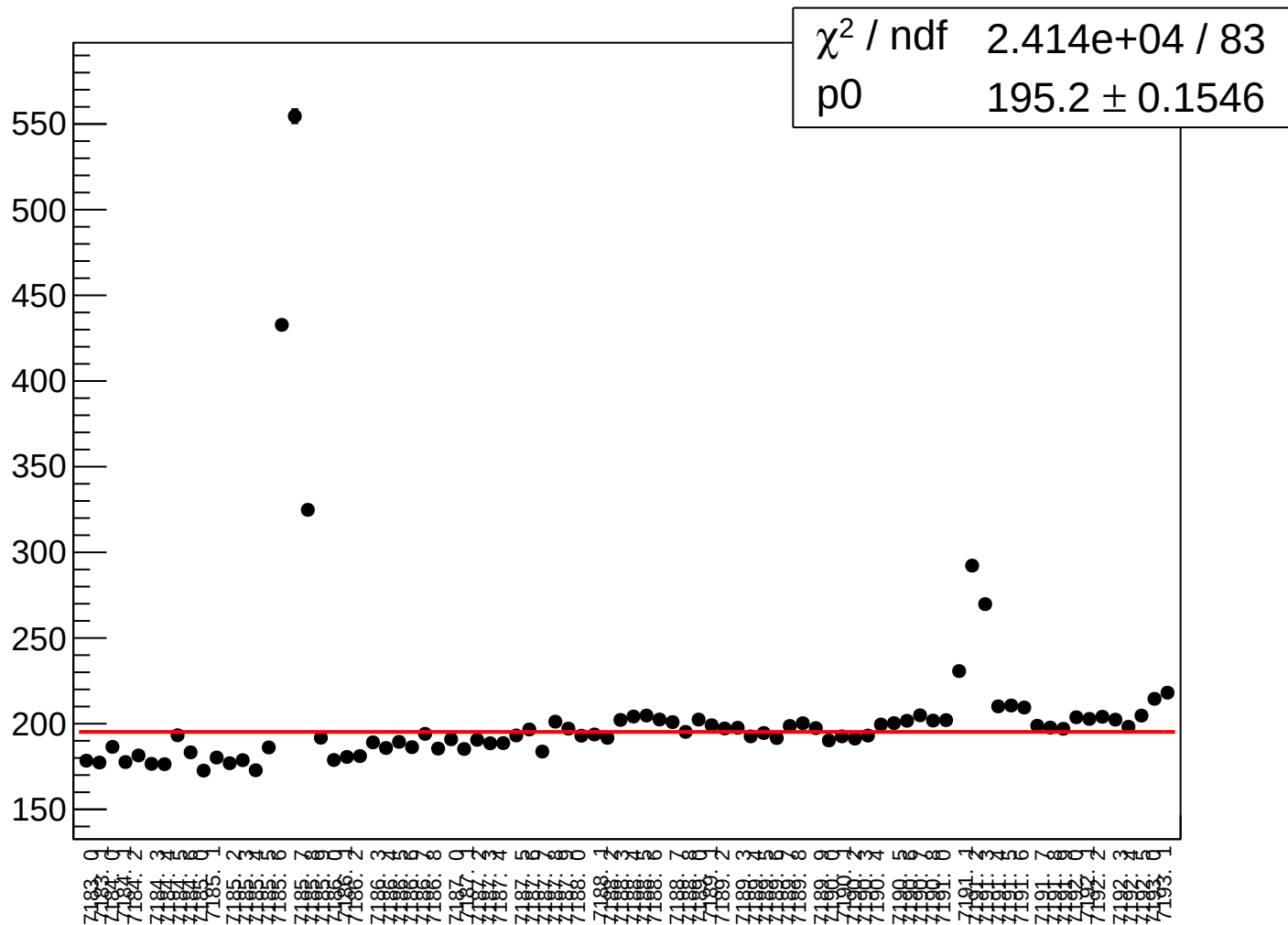
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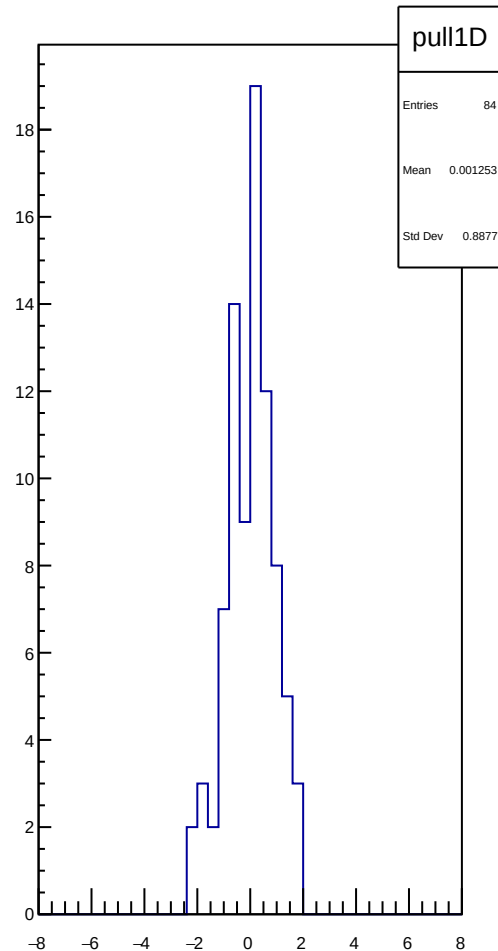
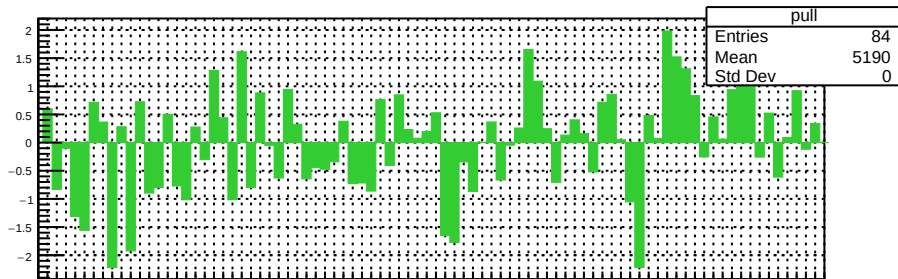
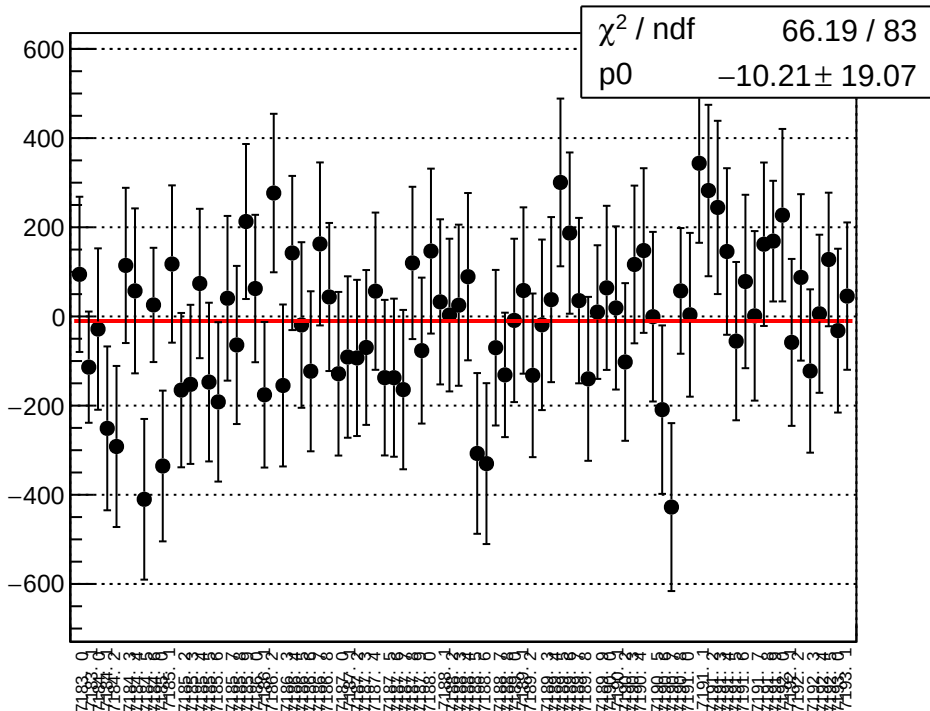
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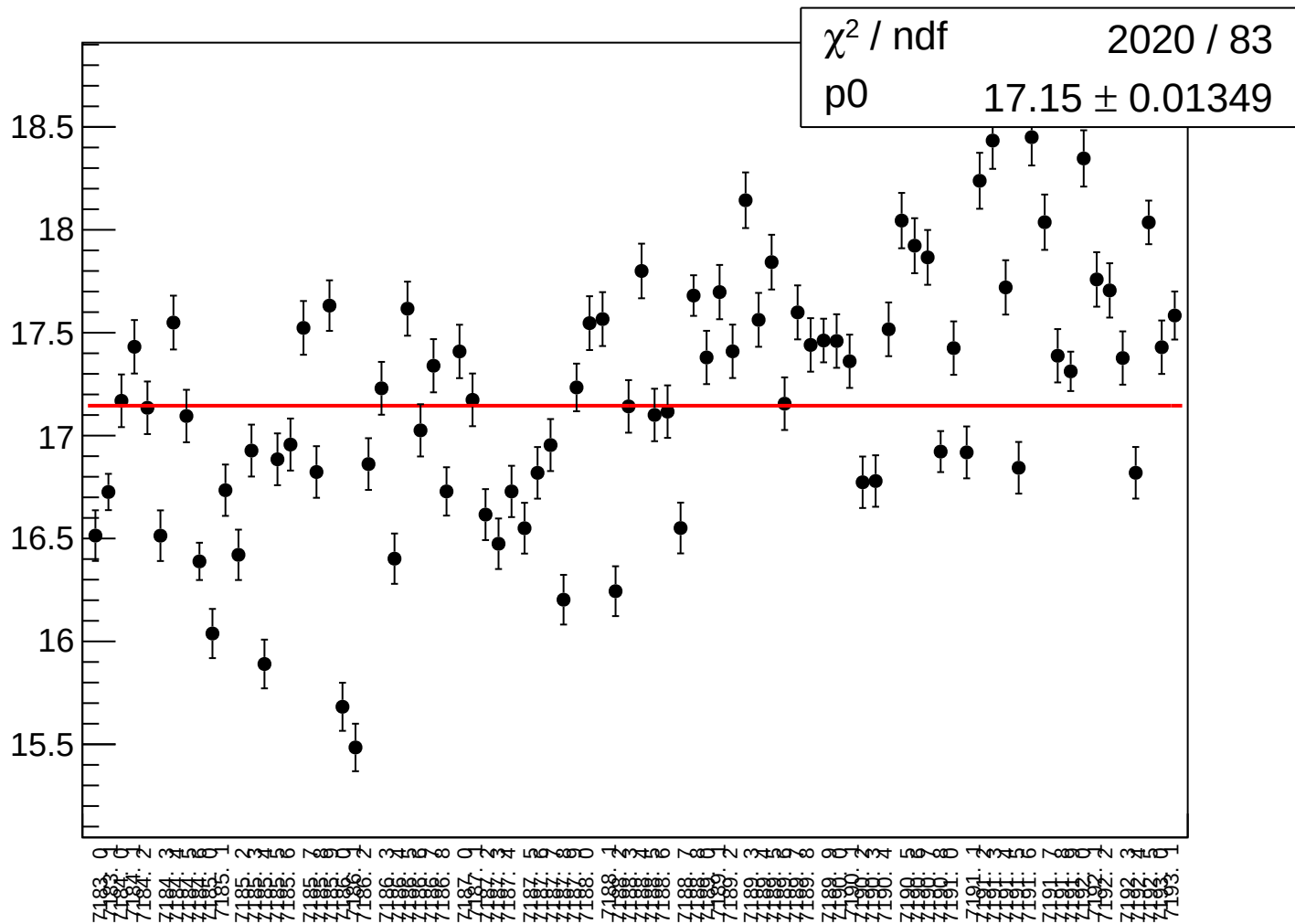
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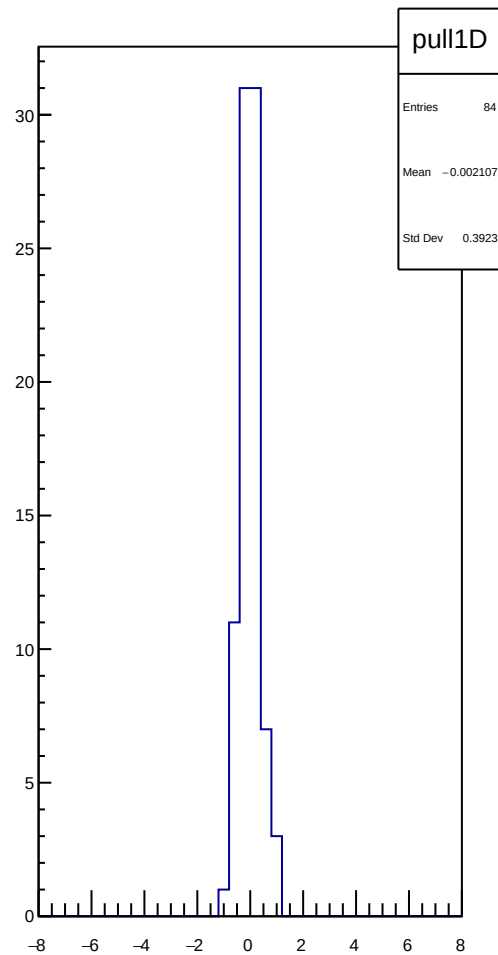
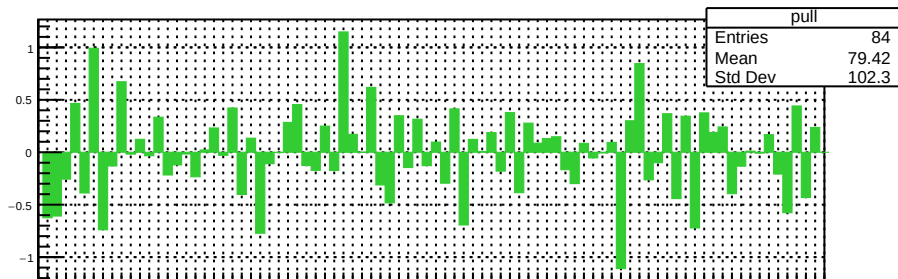
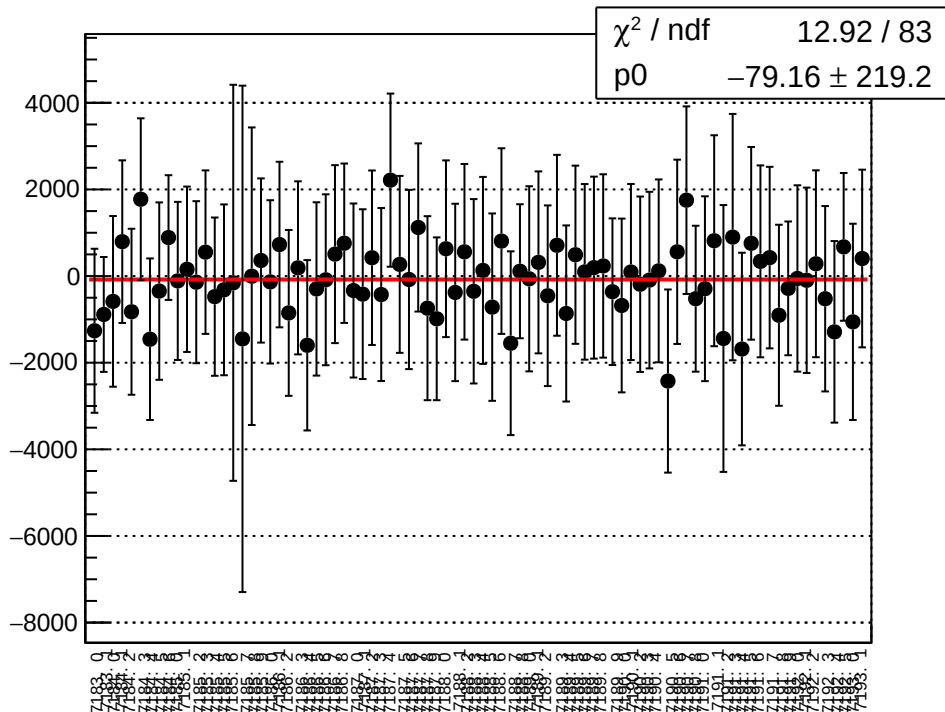
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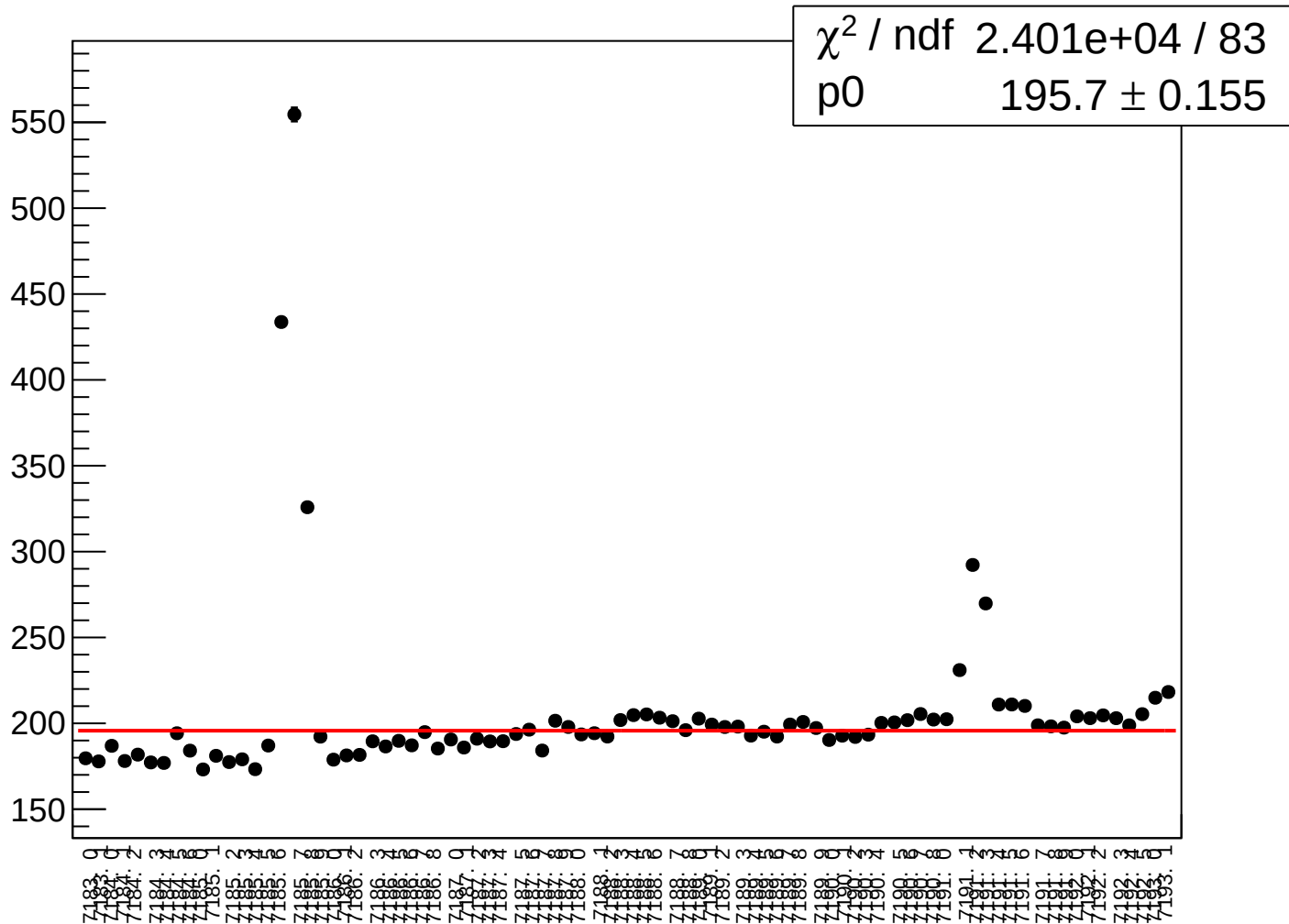
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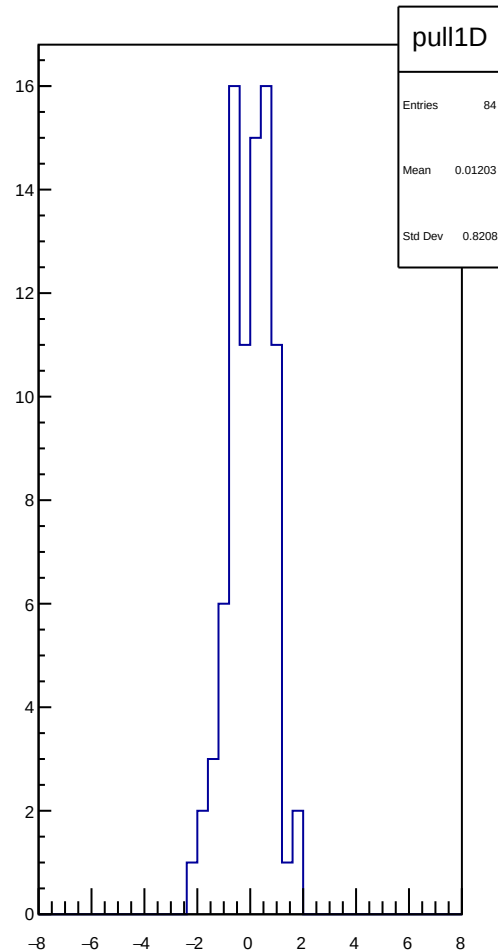
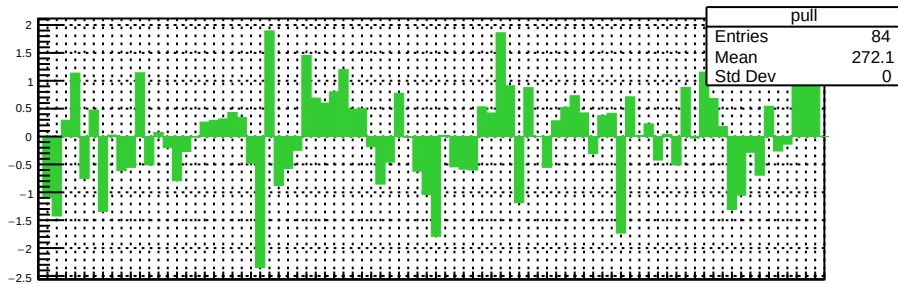
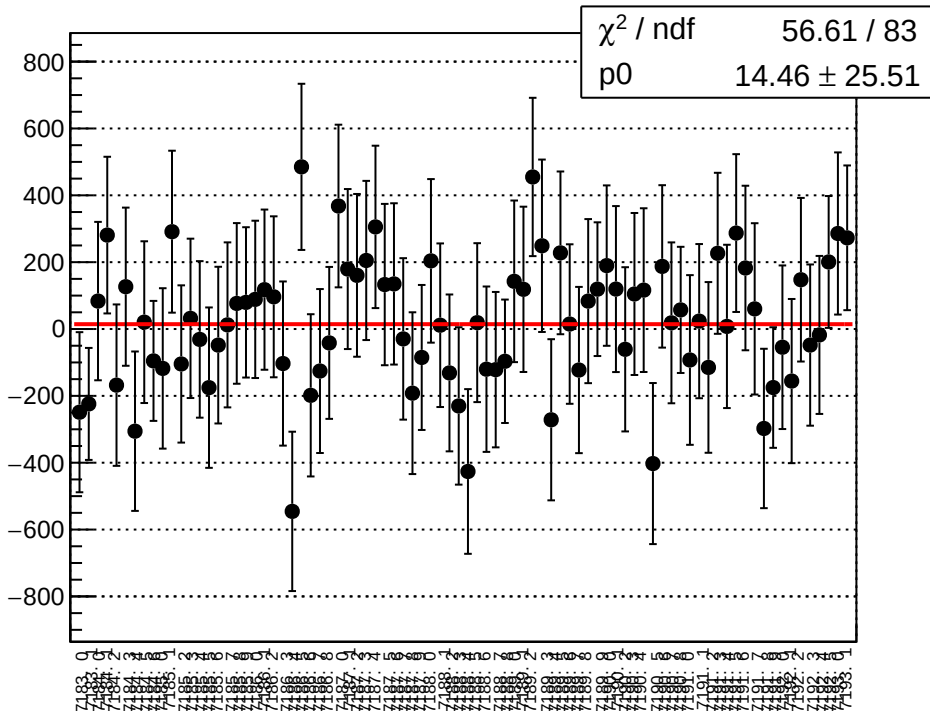
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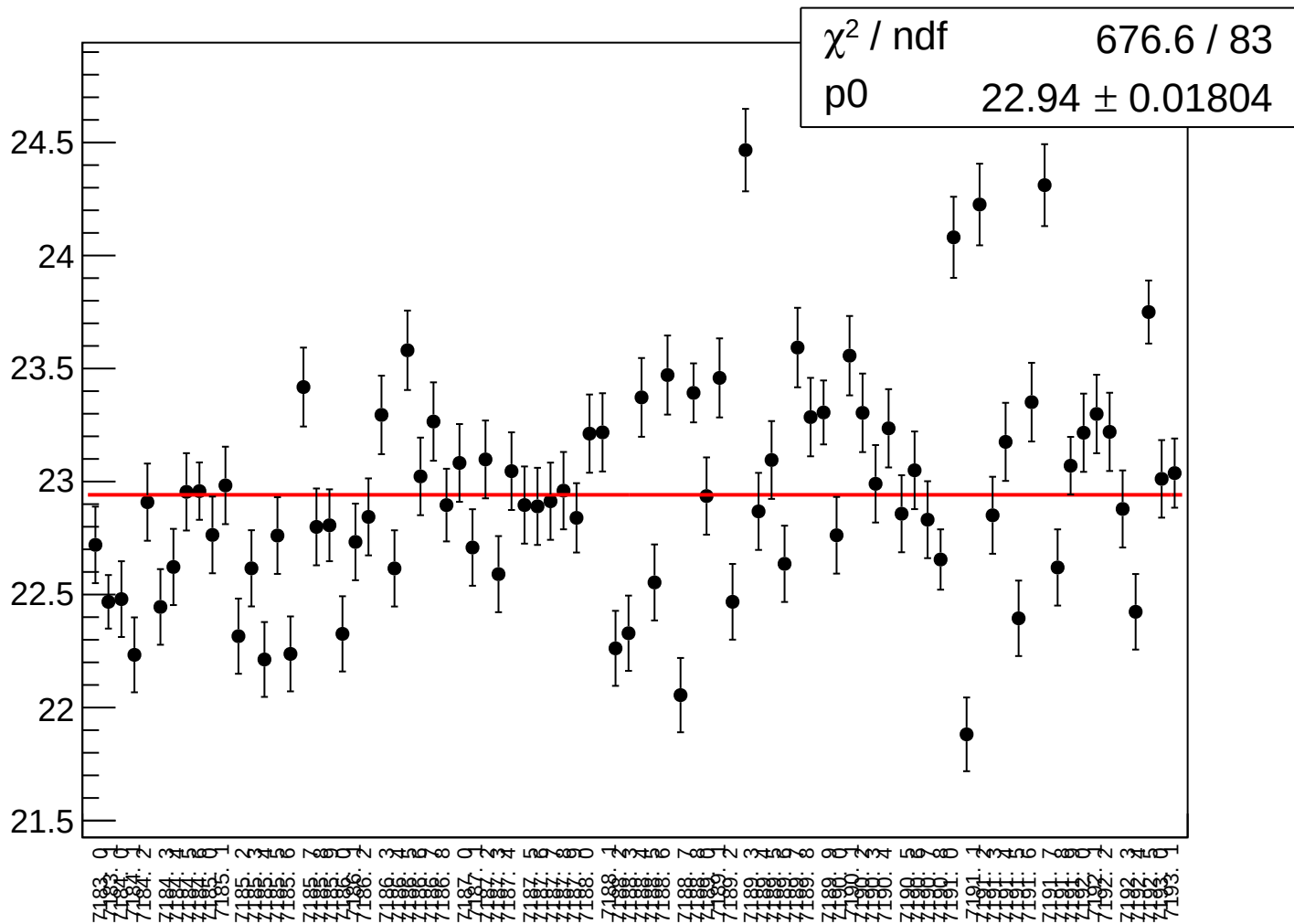
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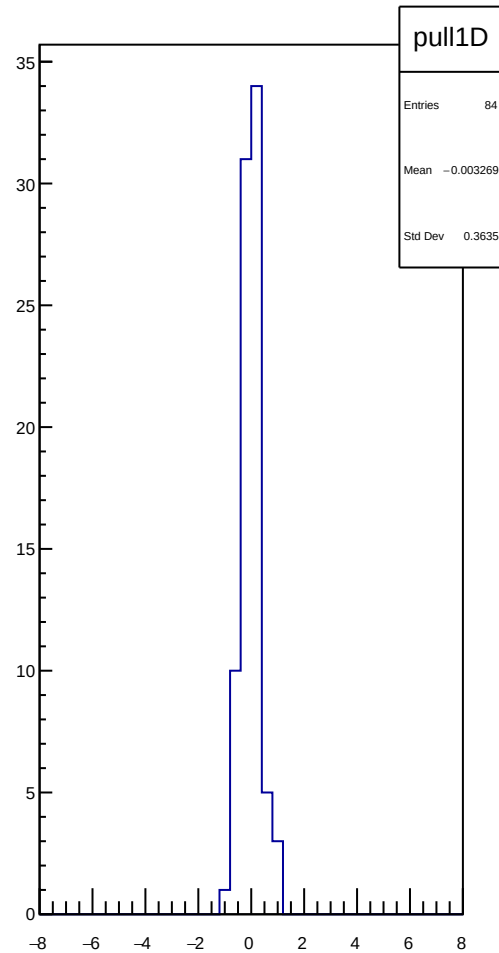
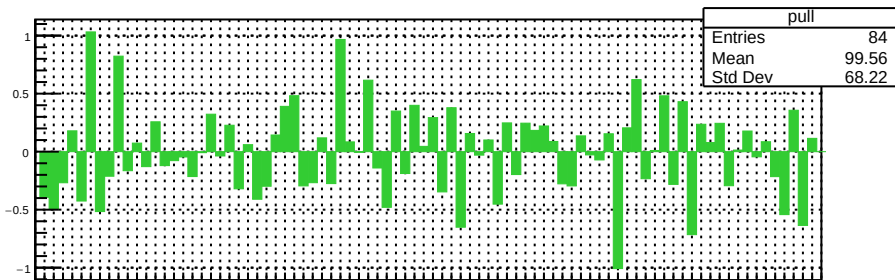
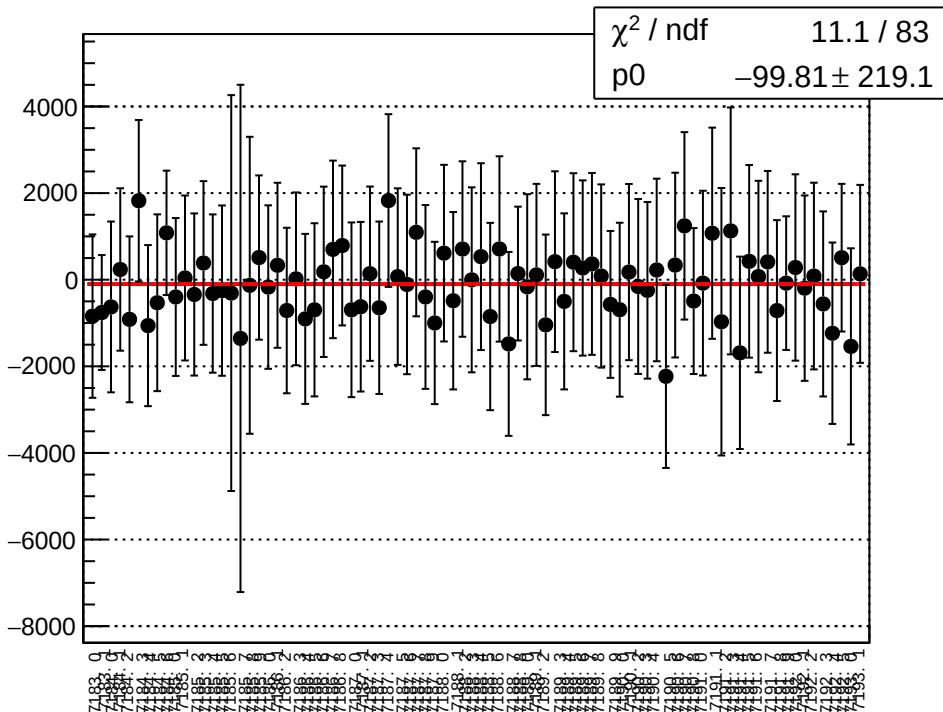
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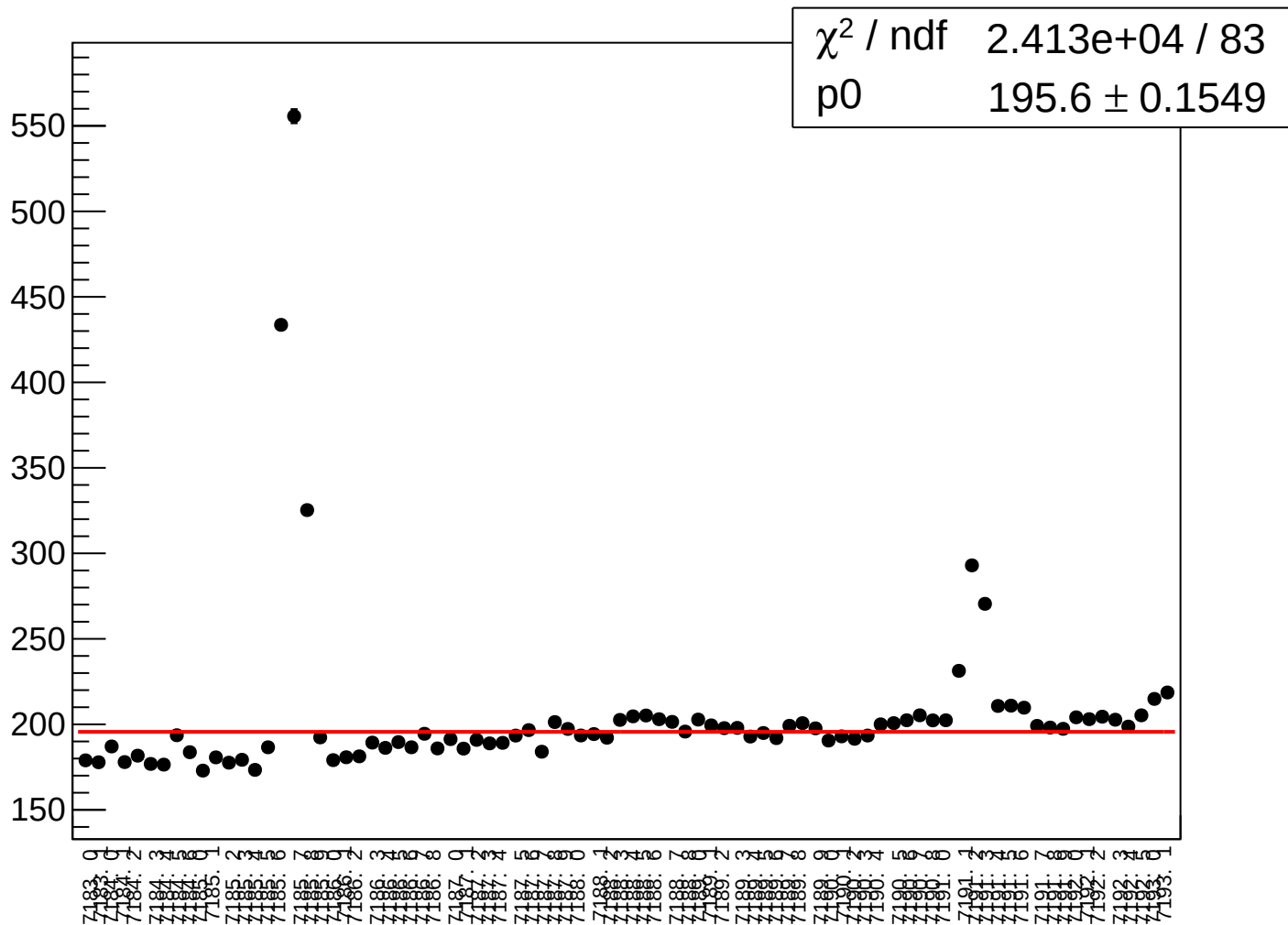
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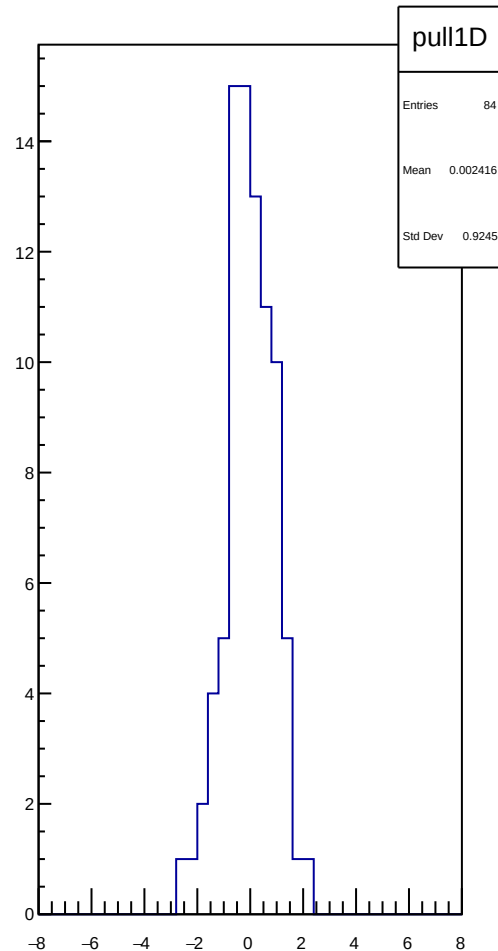
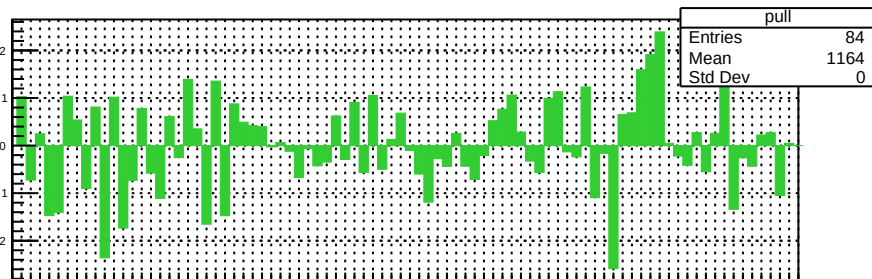
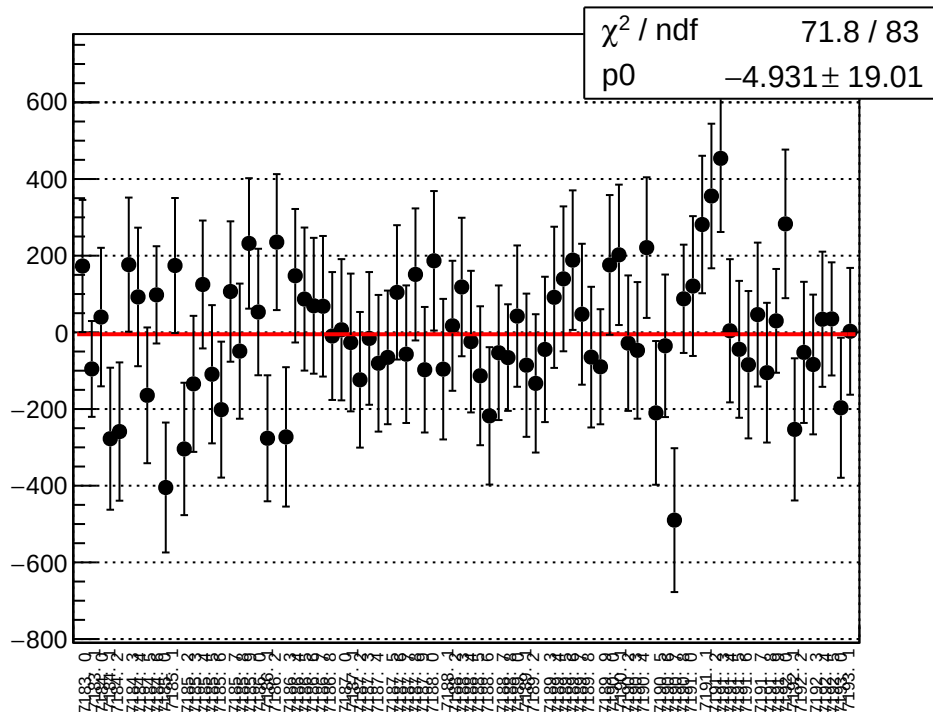
asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs run



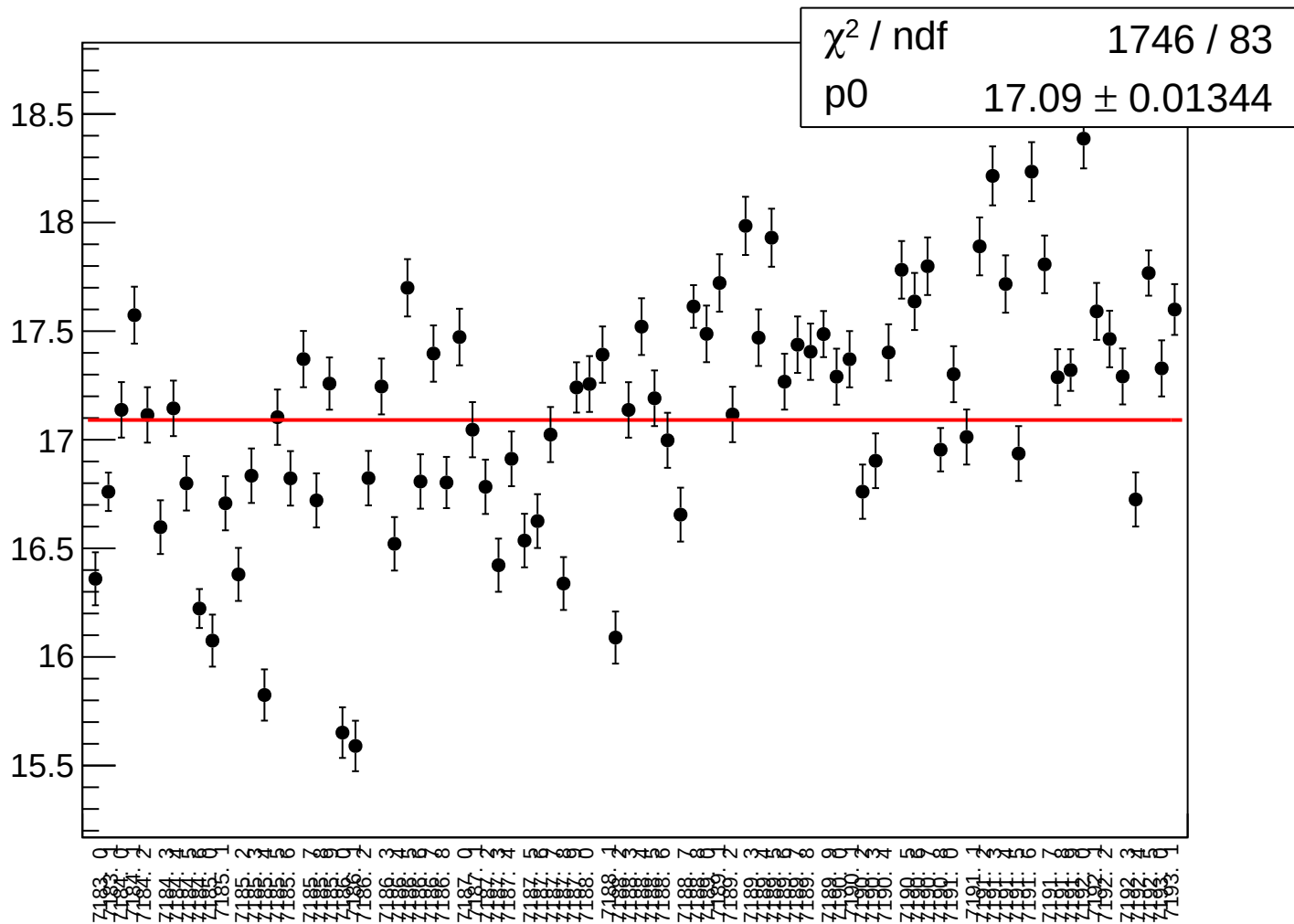
asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs run



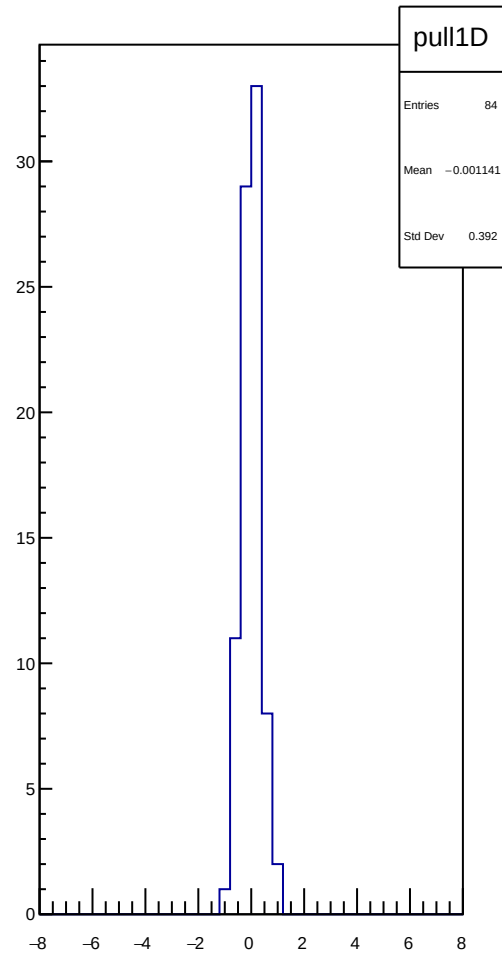
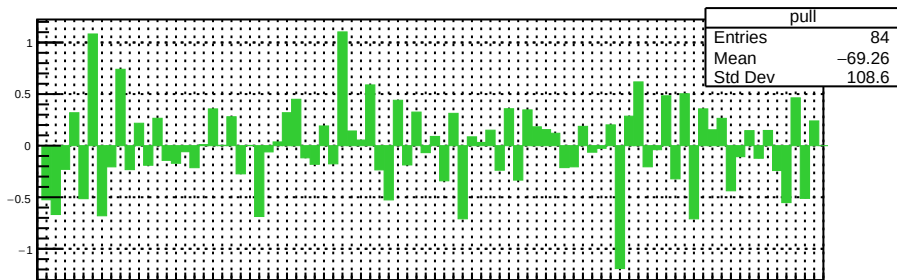
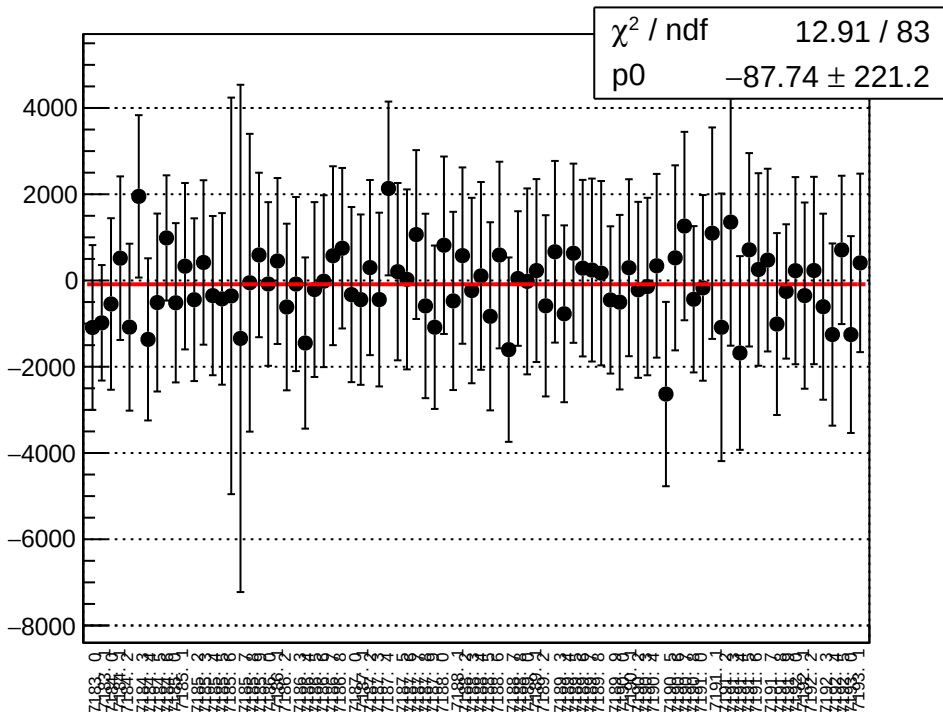
asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs run



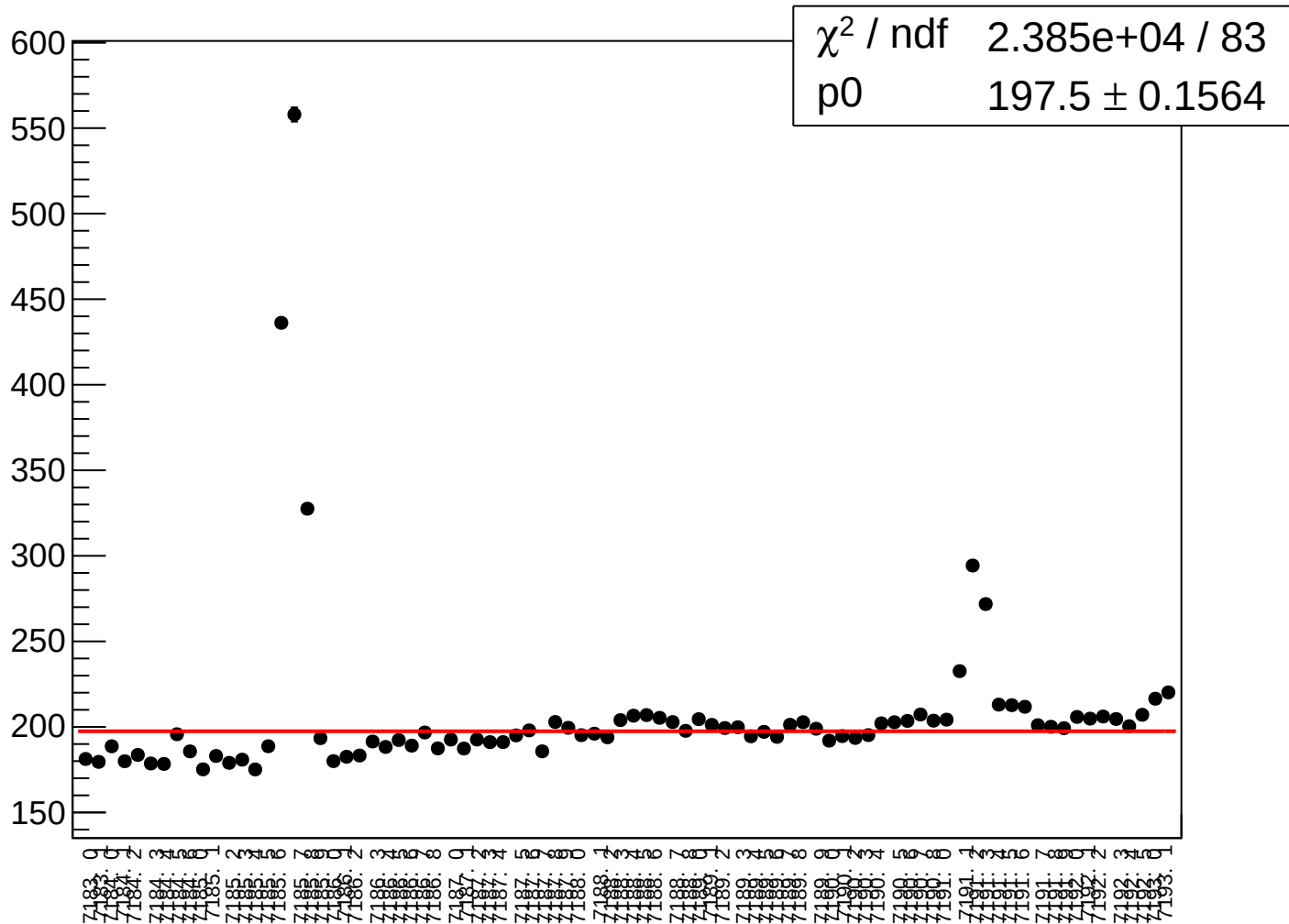
asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs run



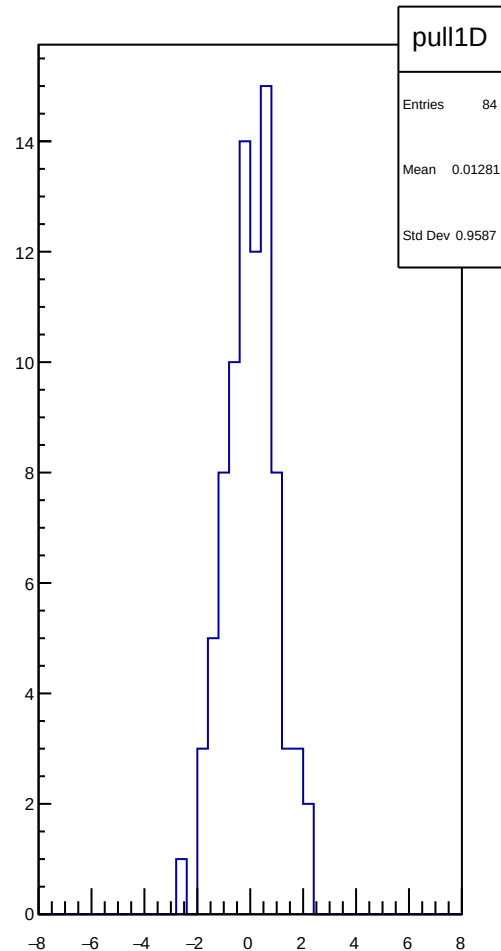
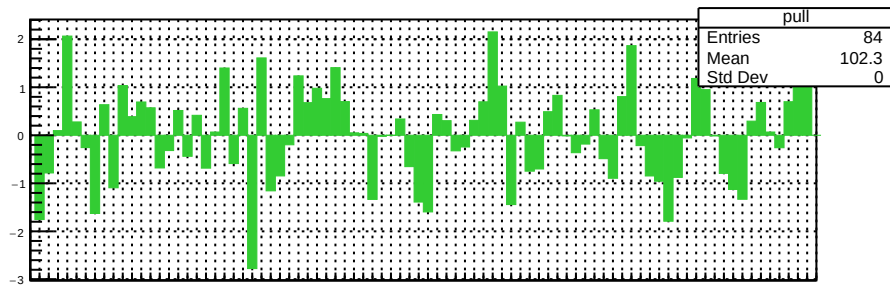
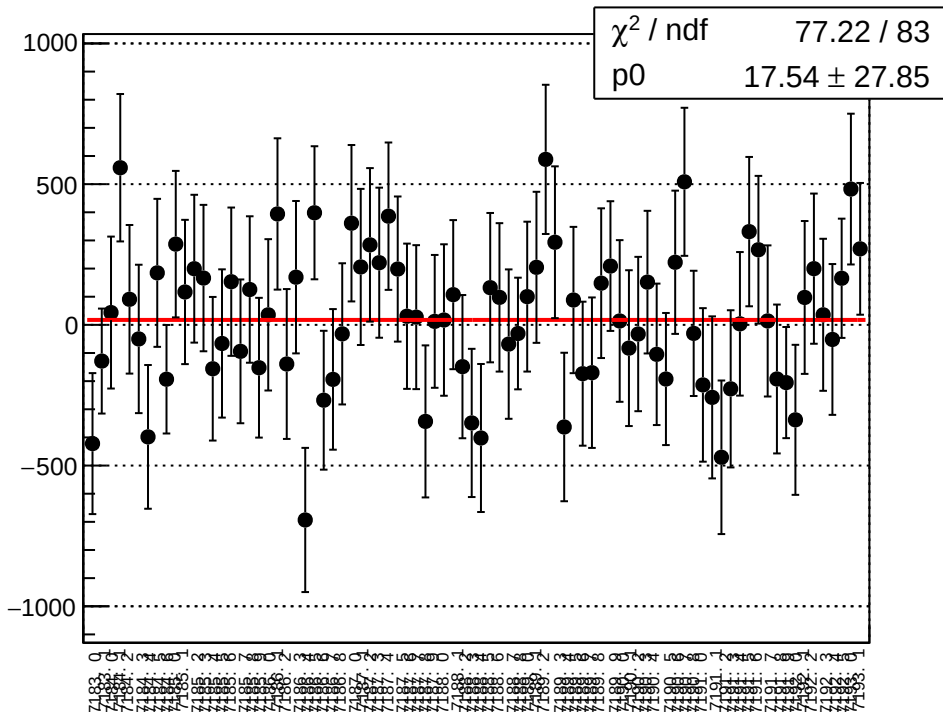
asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs run



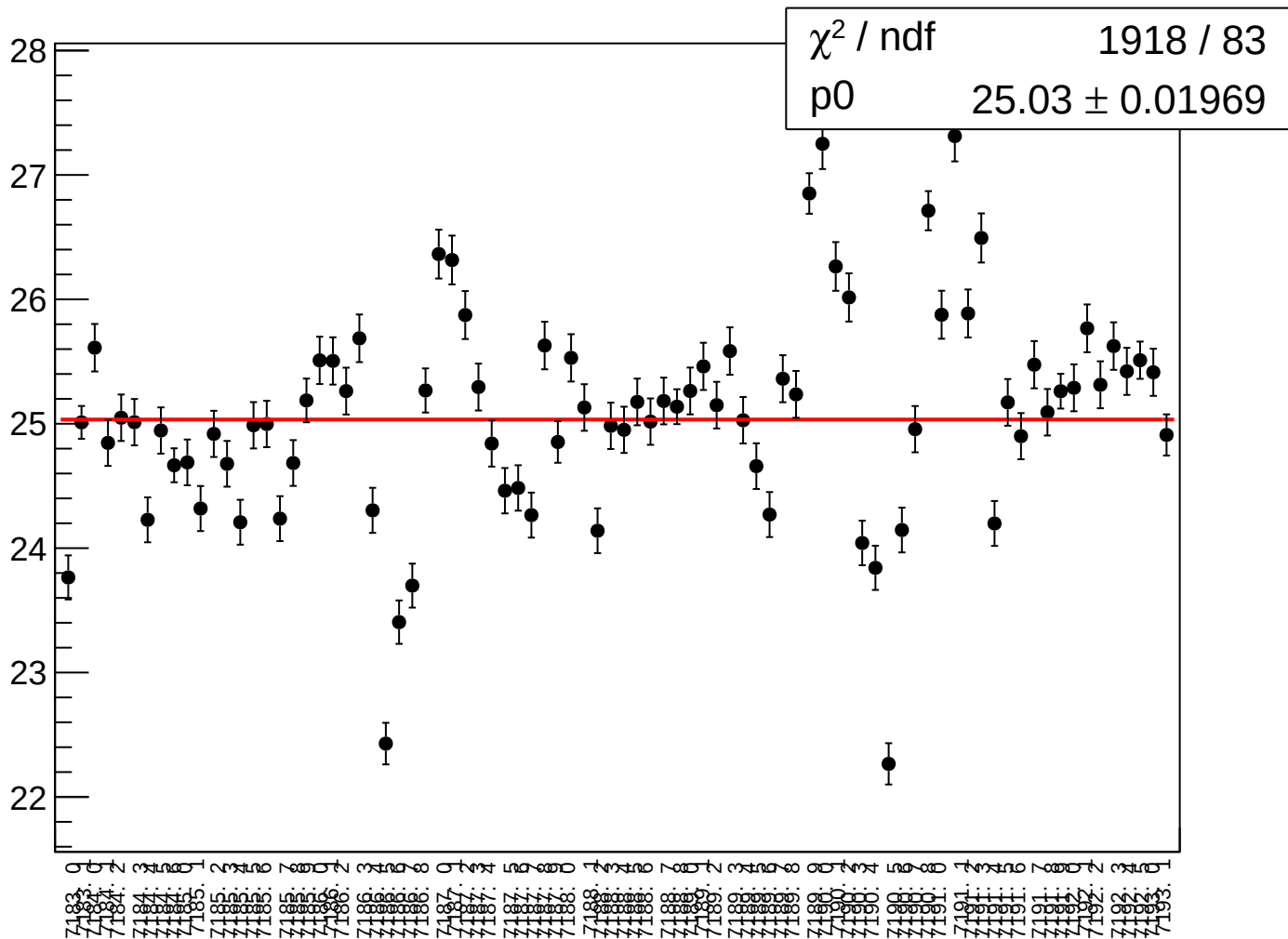
asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs run



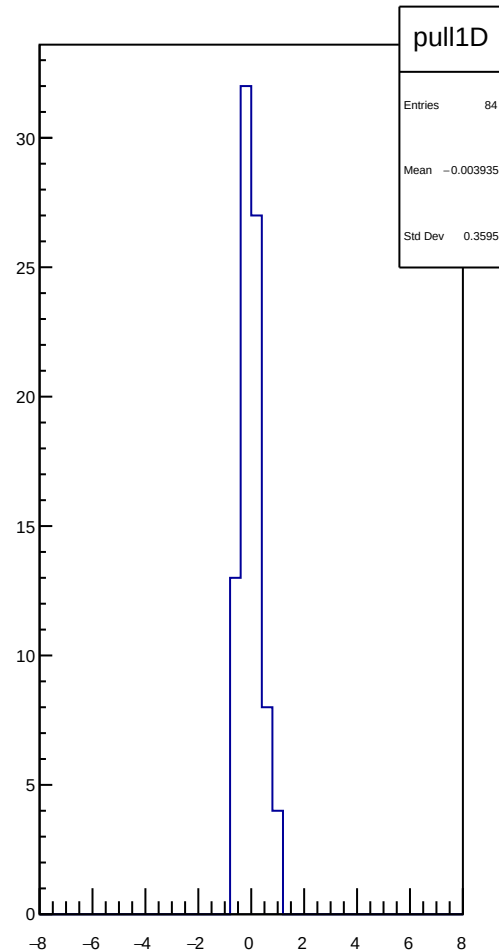
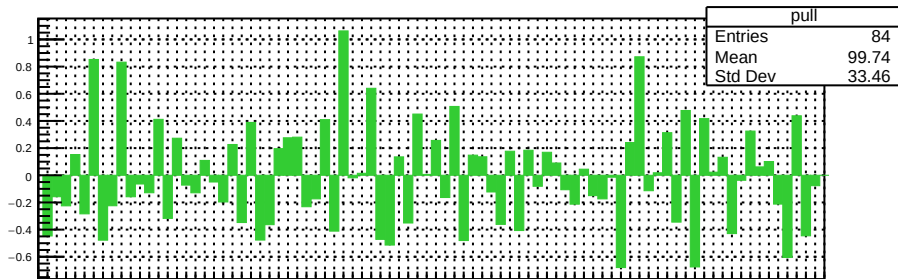
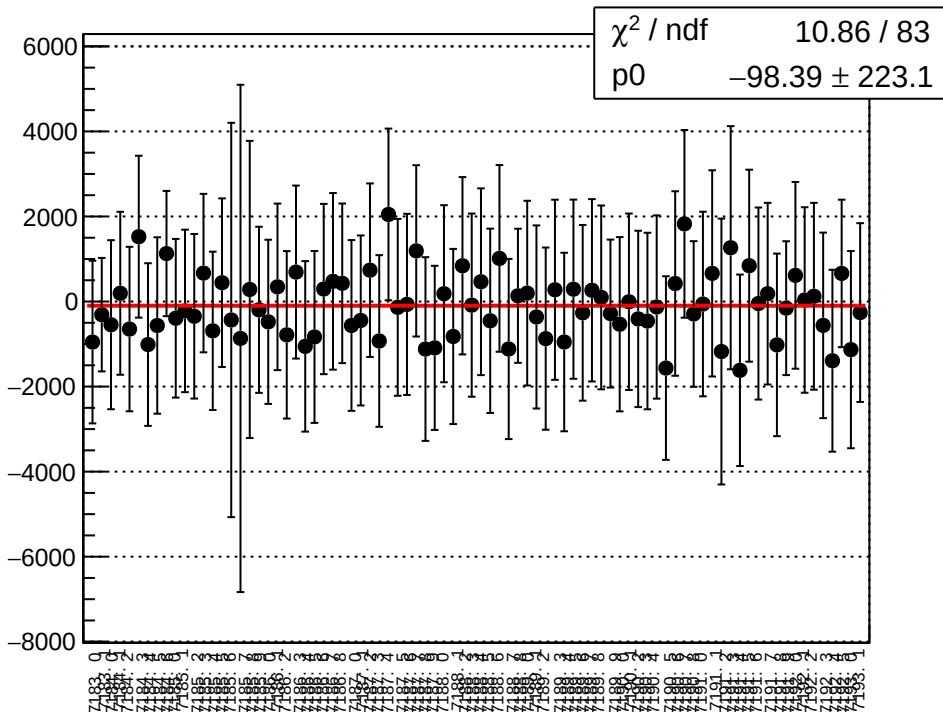
asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs run



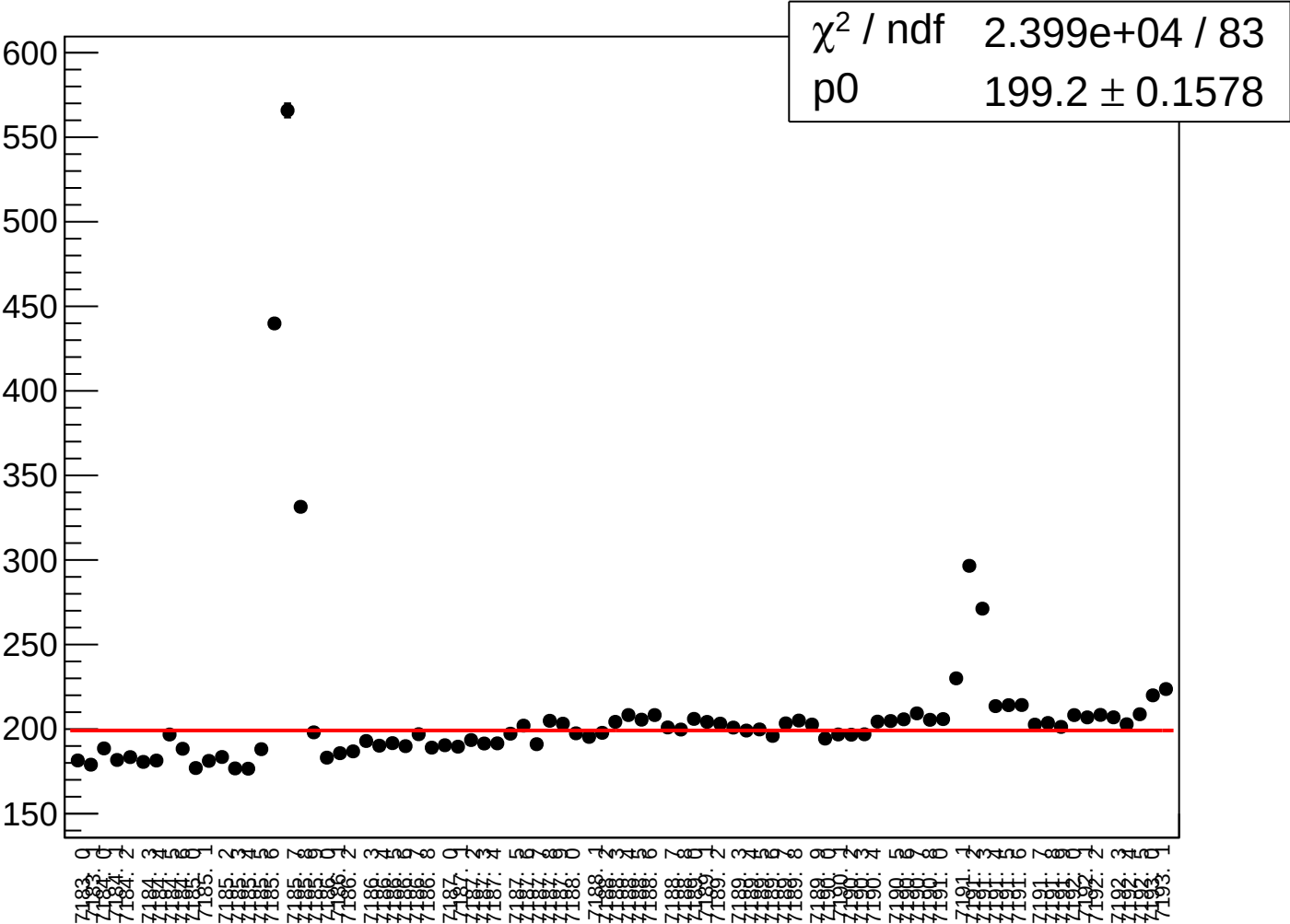
asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs run



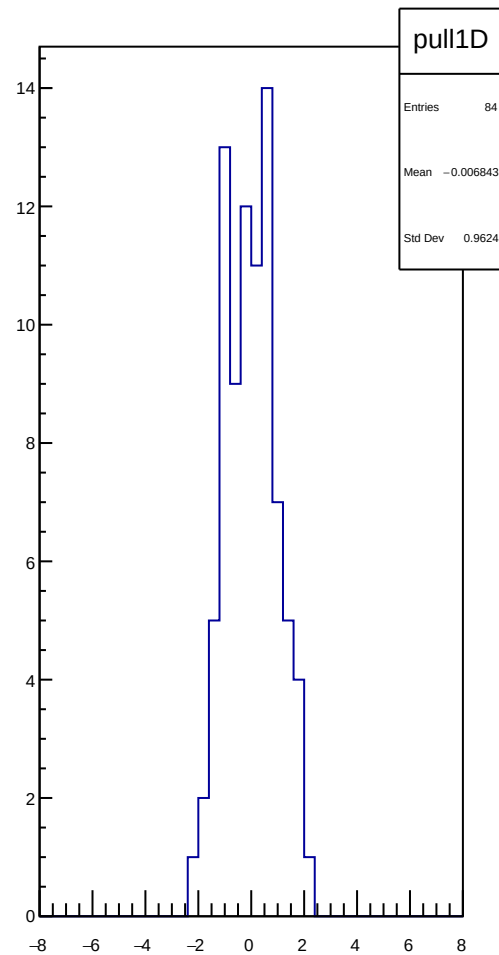
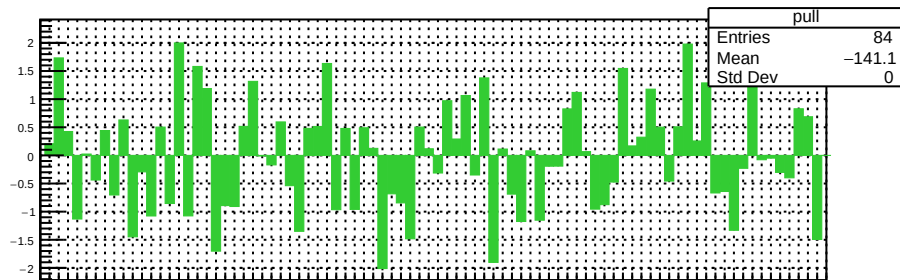
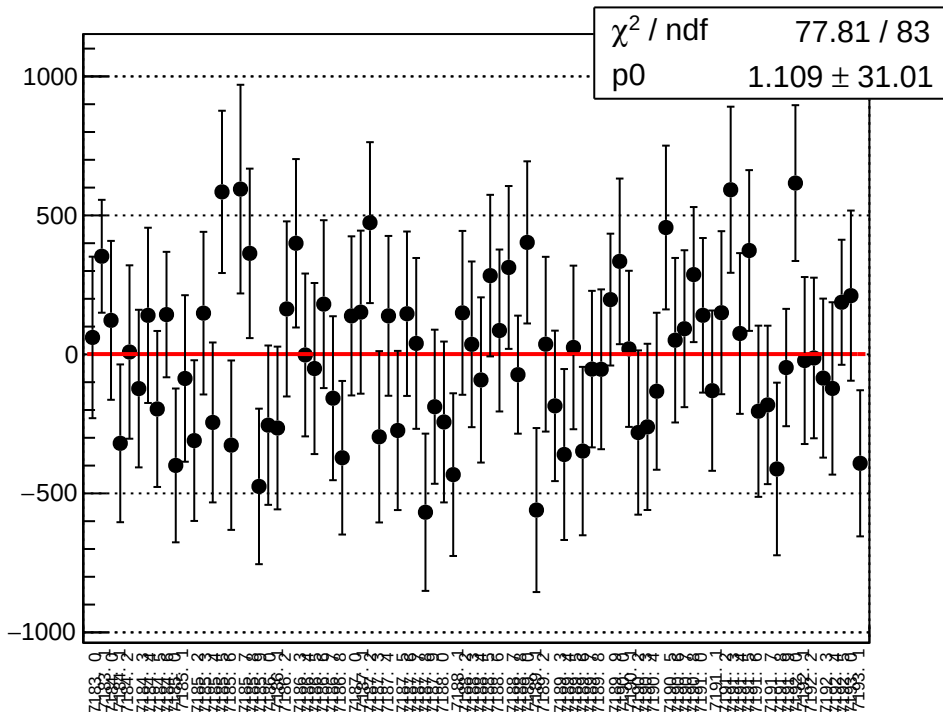
asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs run



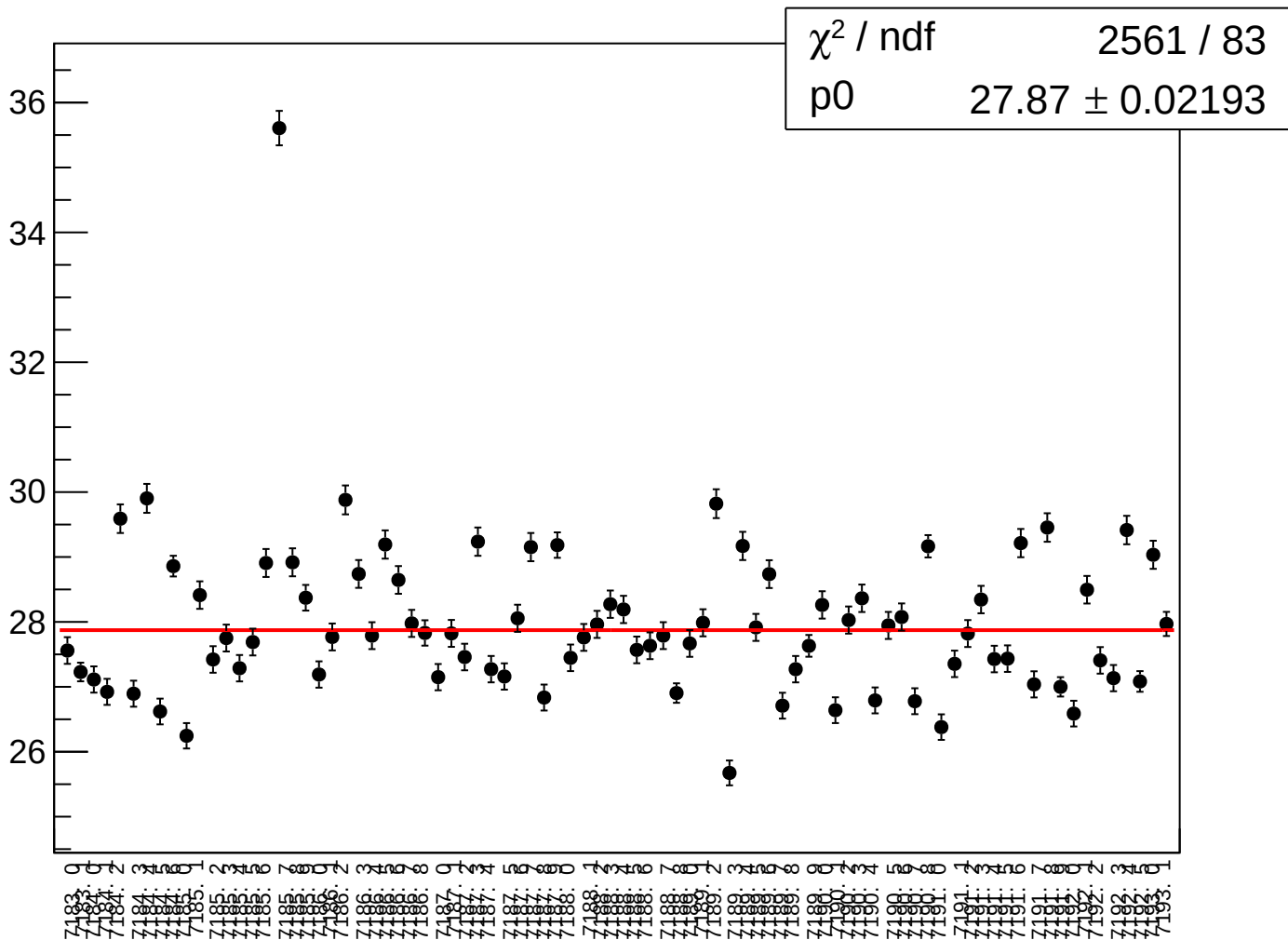
asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs run



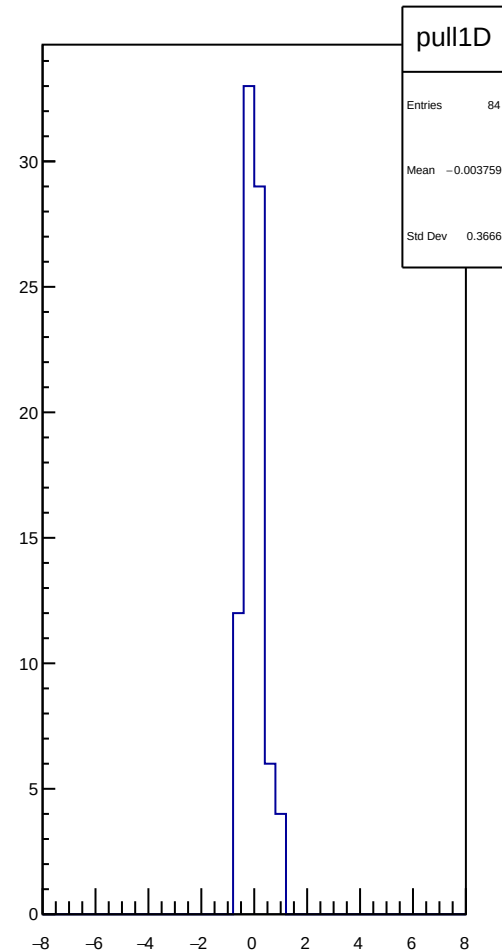
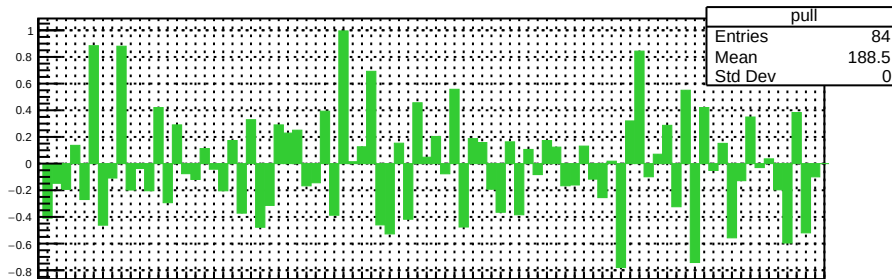
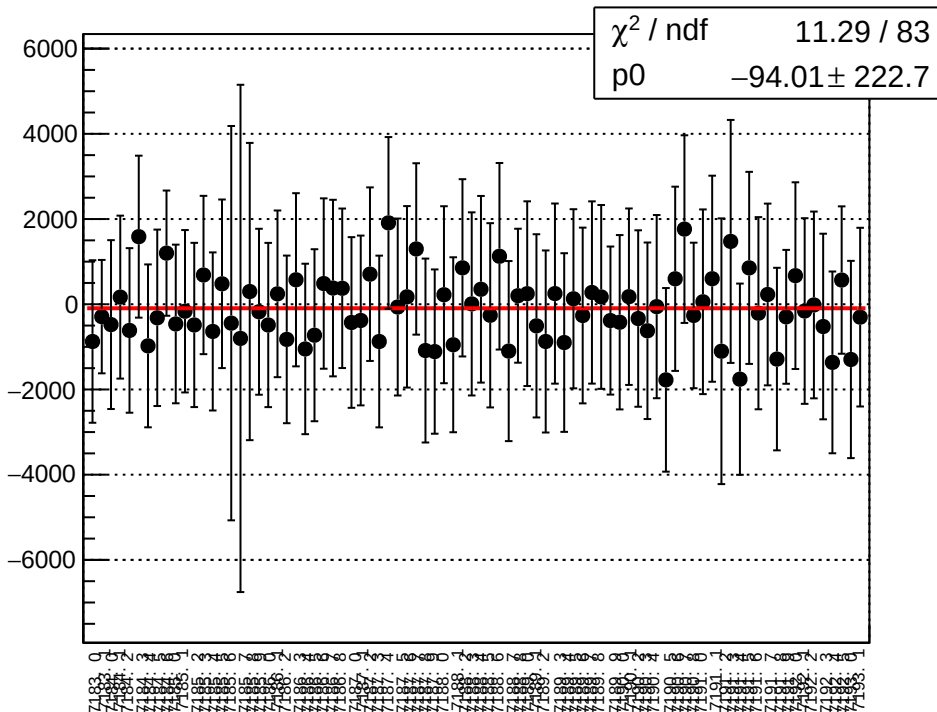
asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs run



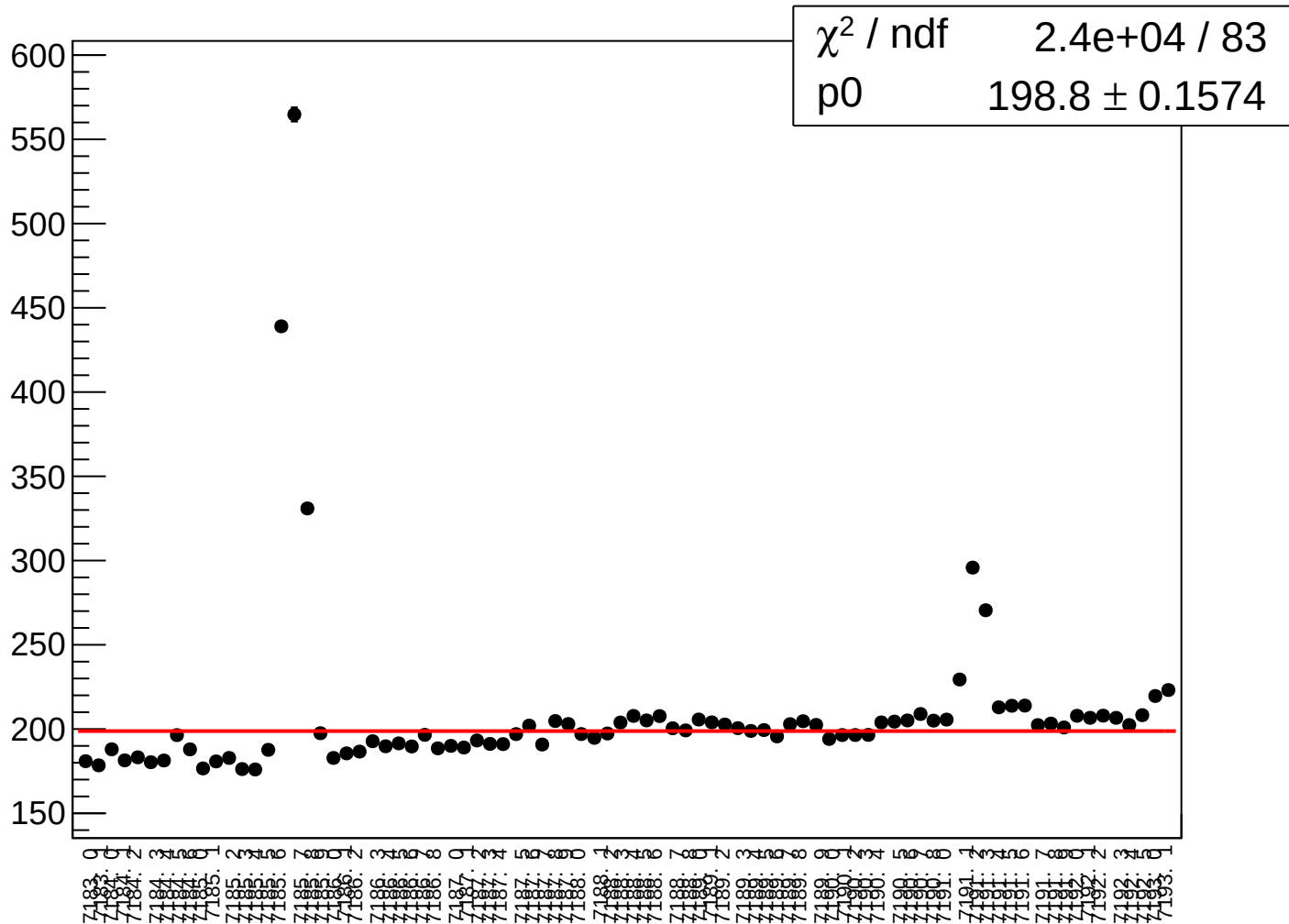
asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs run



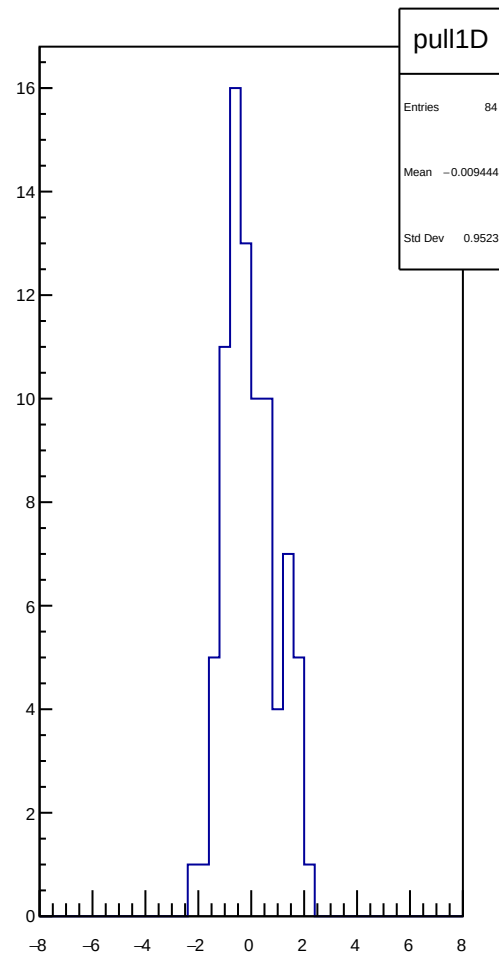
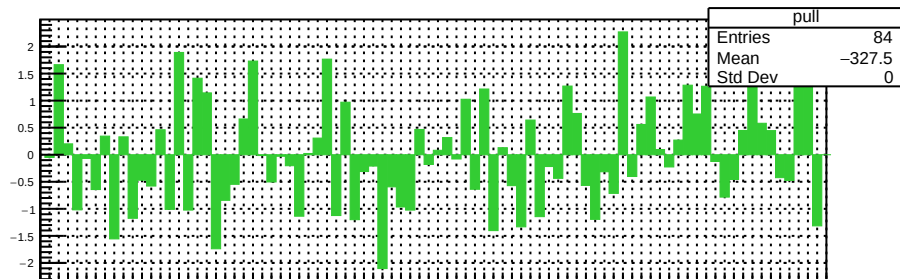
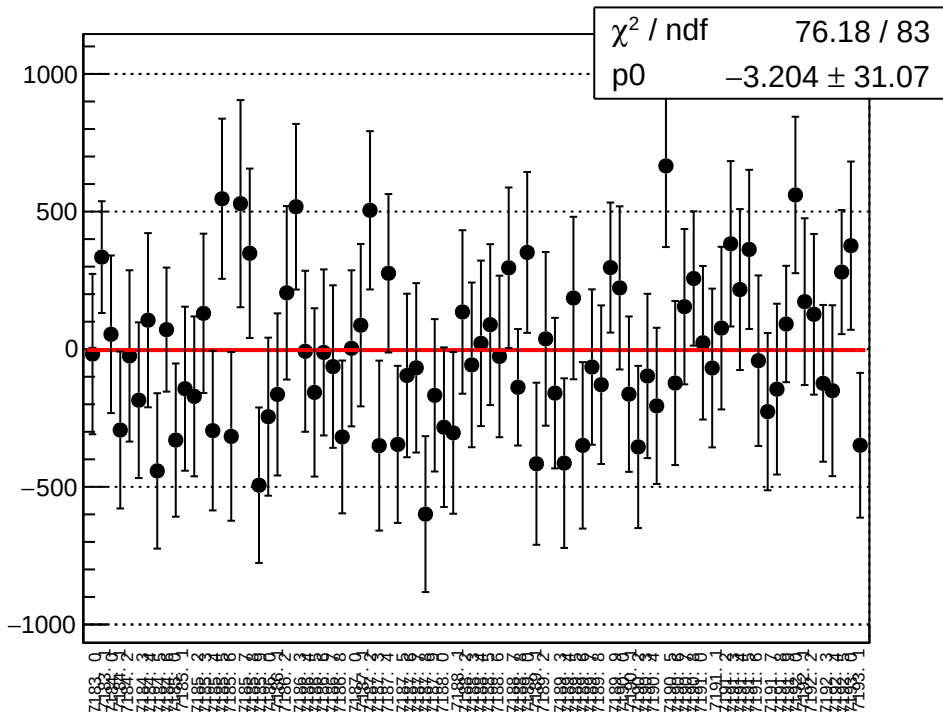
asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs run



asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs run



asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs run



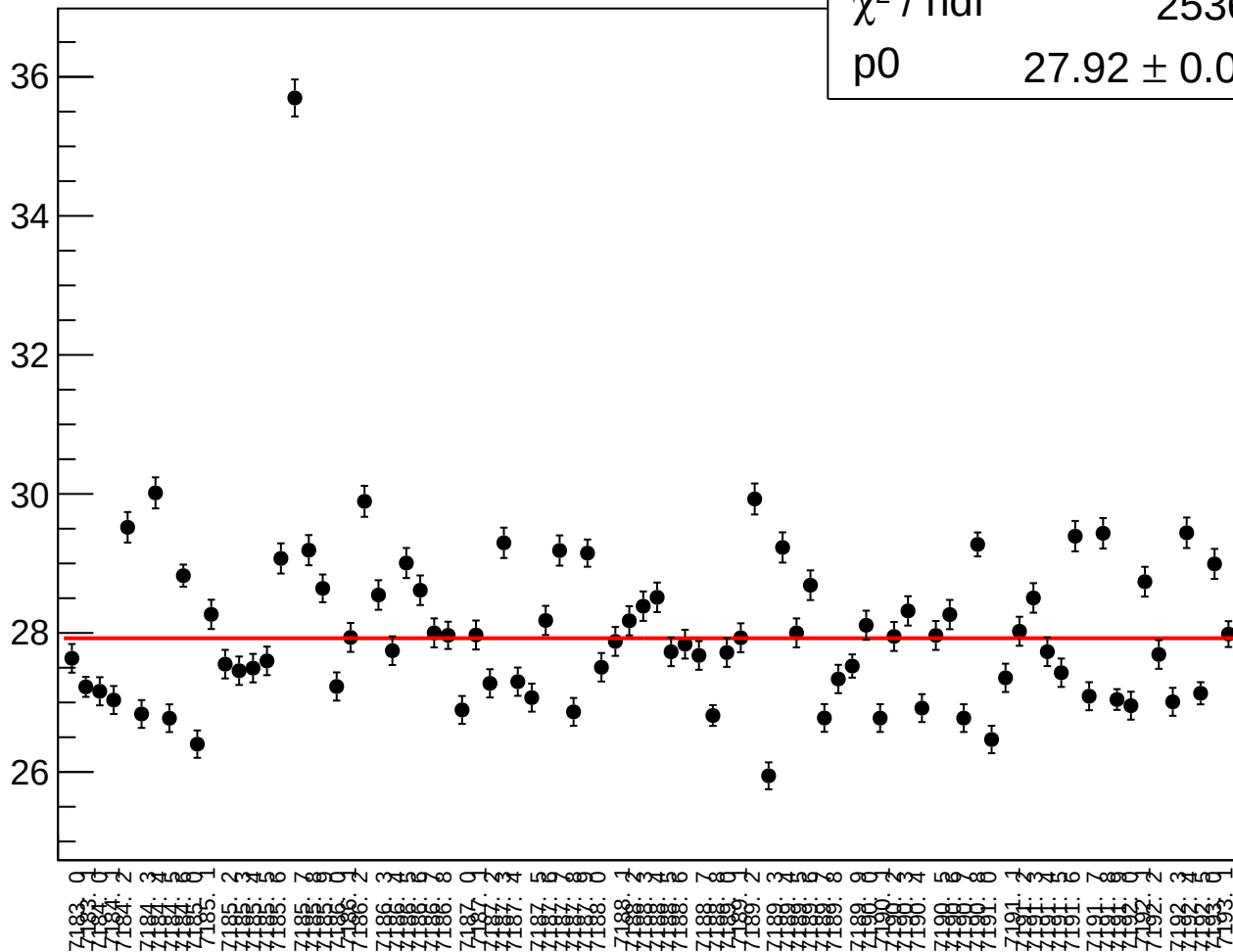
asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs run

χ^2 / ndf

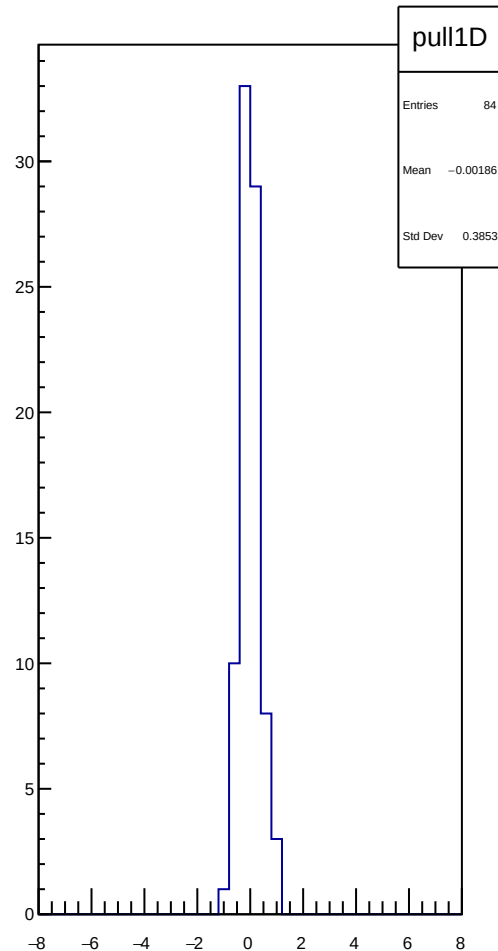
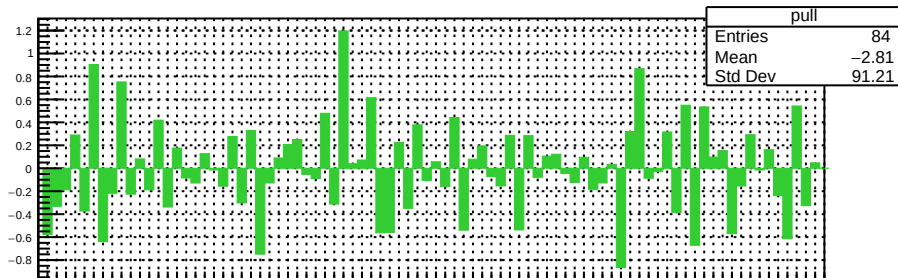
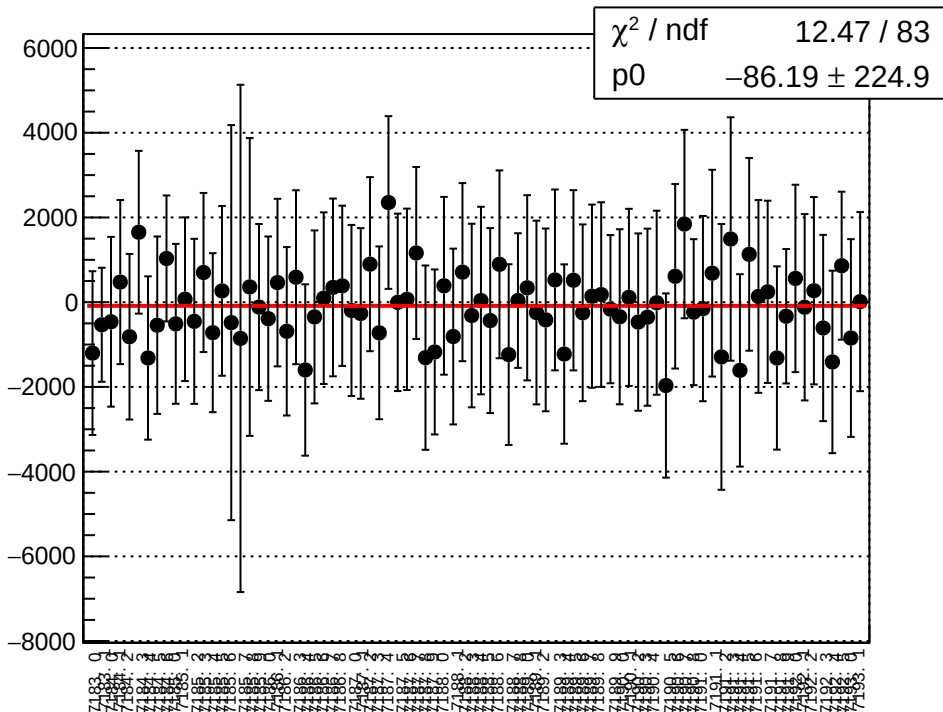
2536 / 83

p0

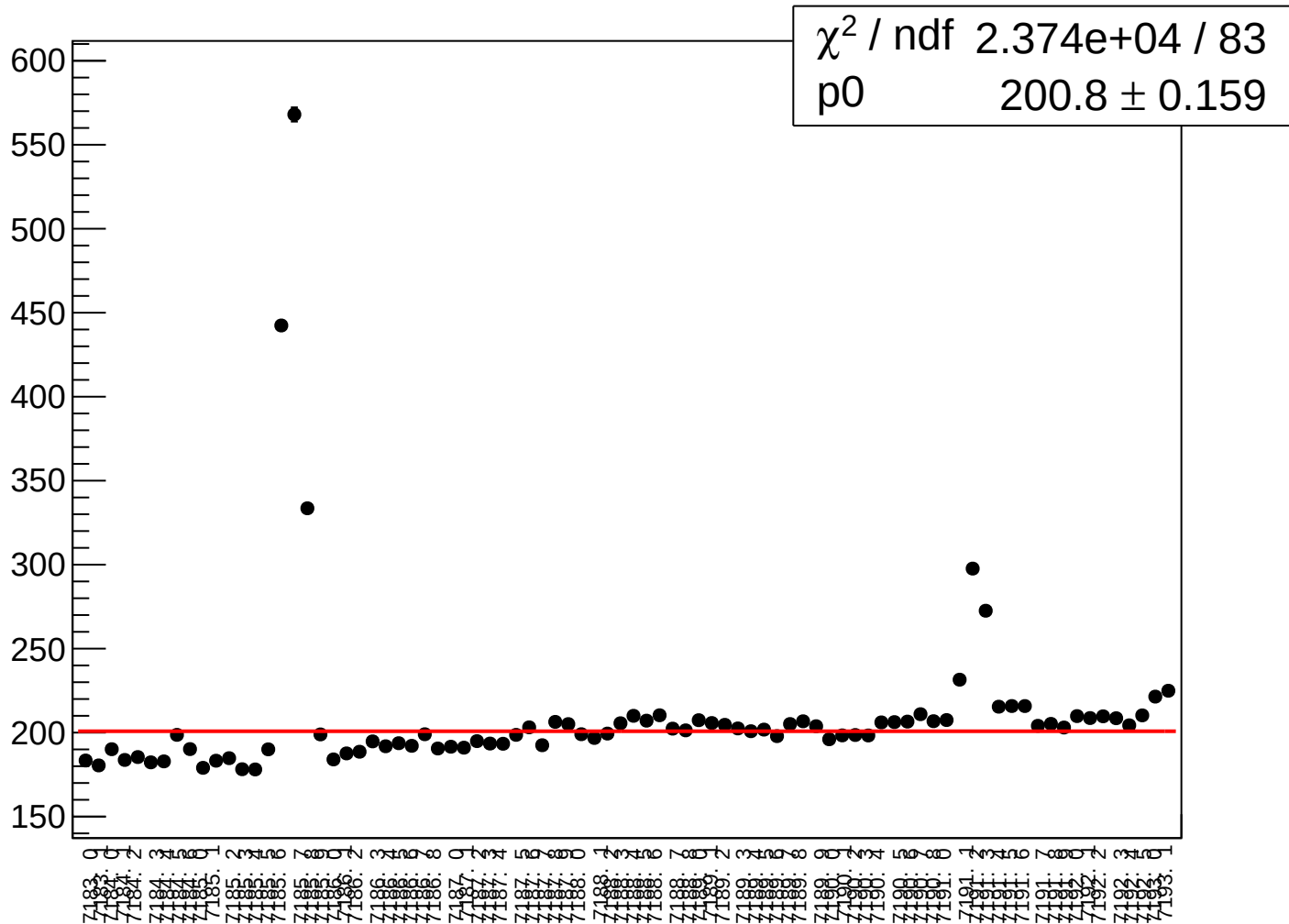
27.92 ± 0.02197



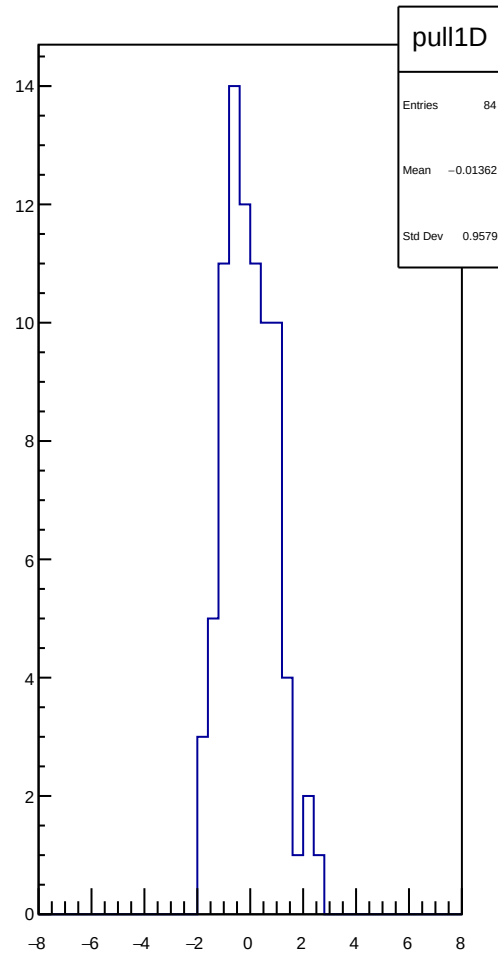
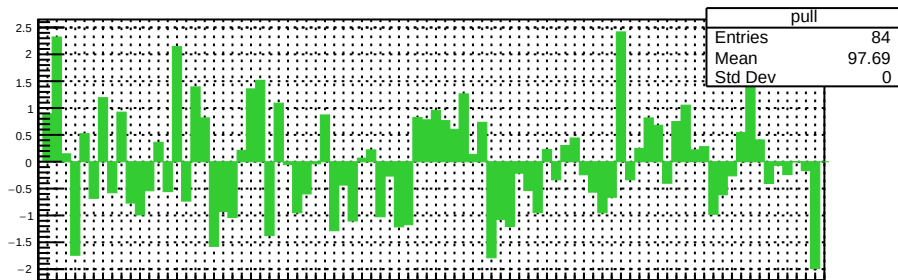
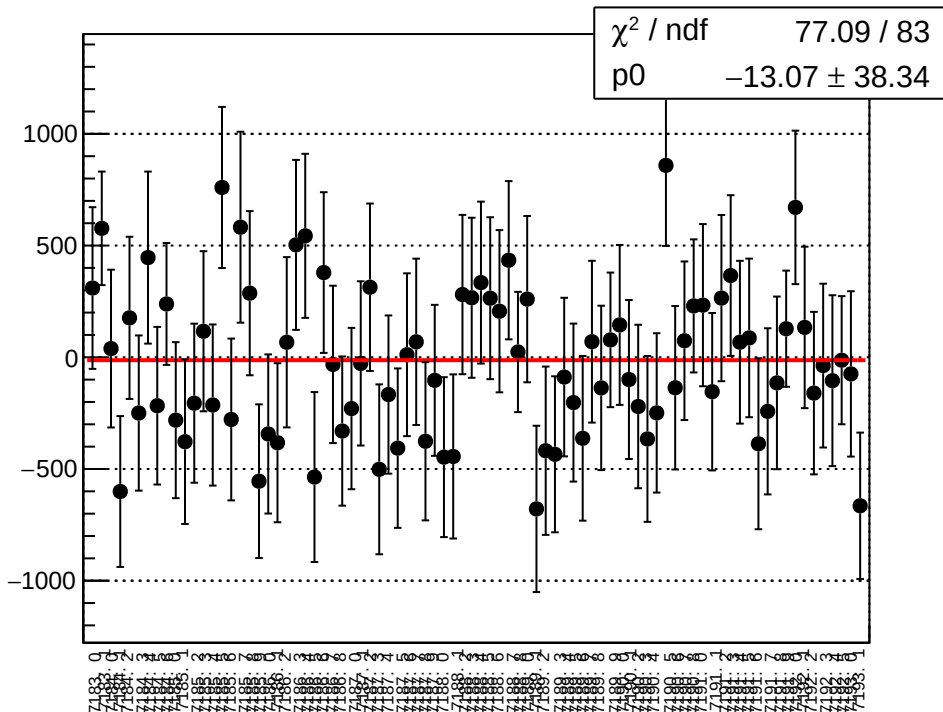
asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs run



asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs run



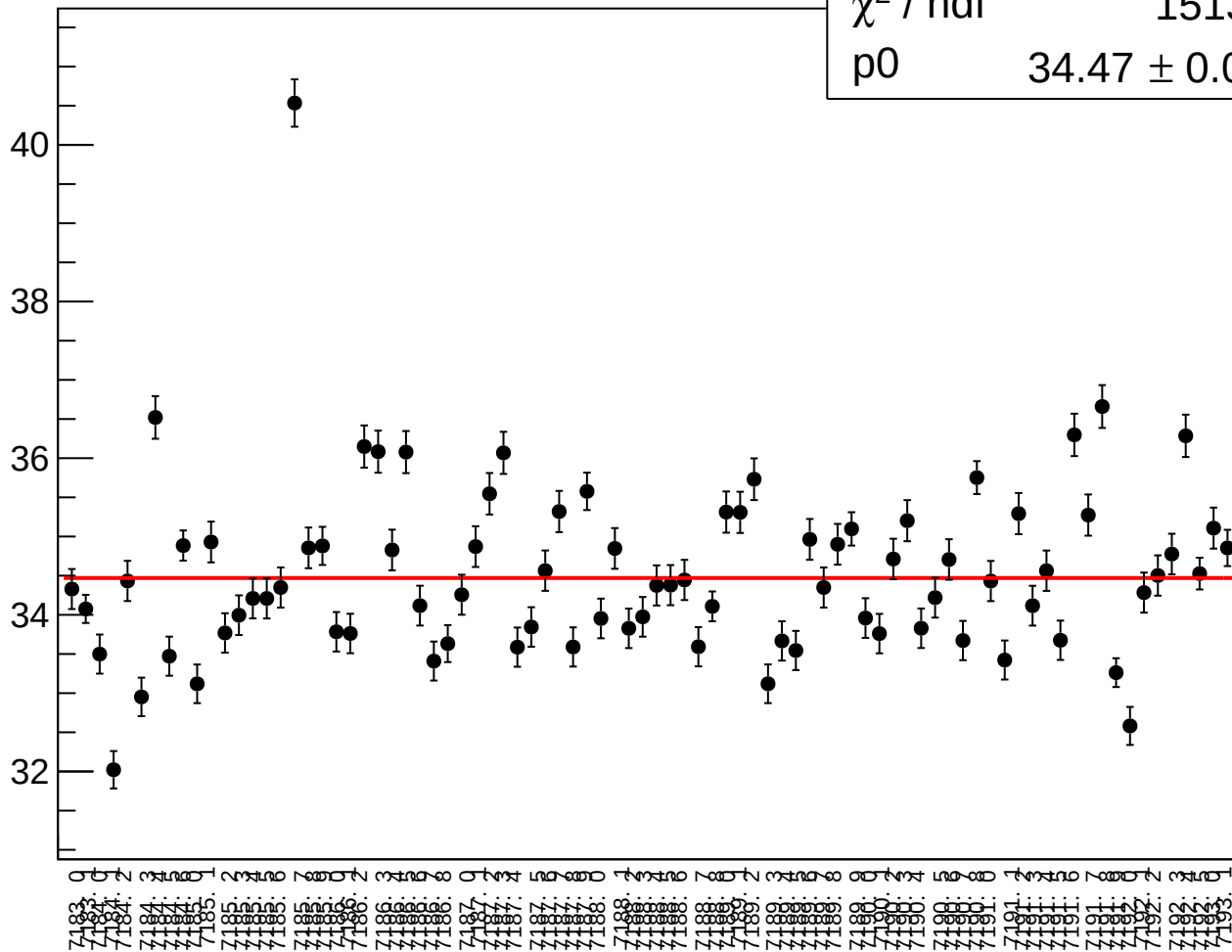
asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs run

χ^2 / ndf

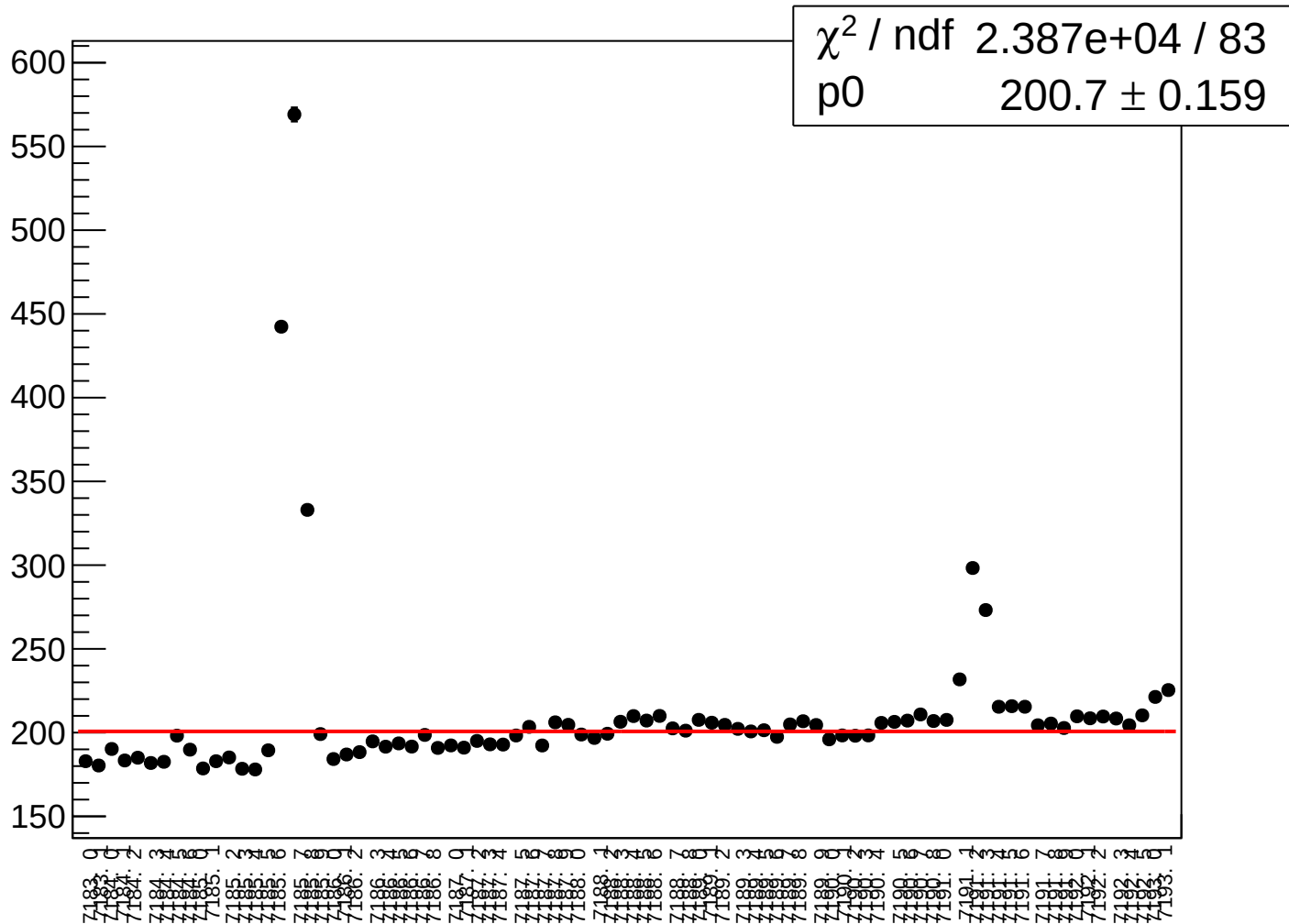
1513 / 83

p0

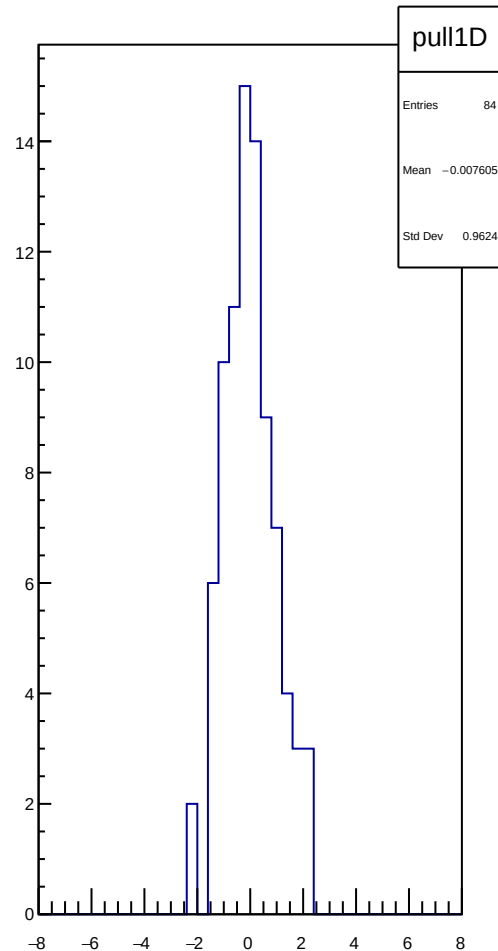
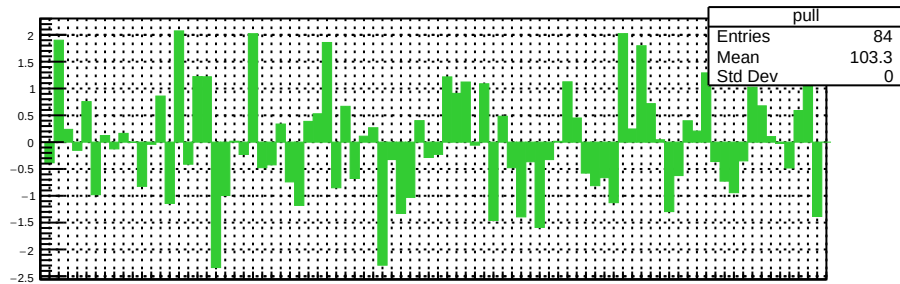
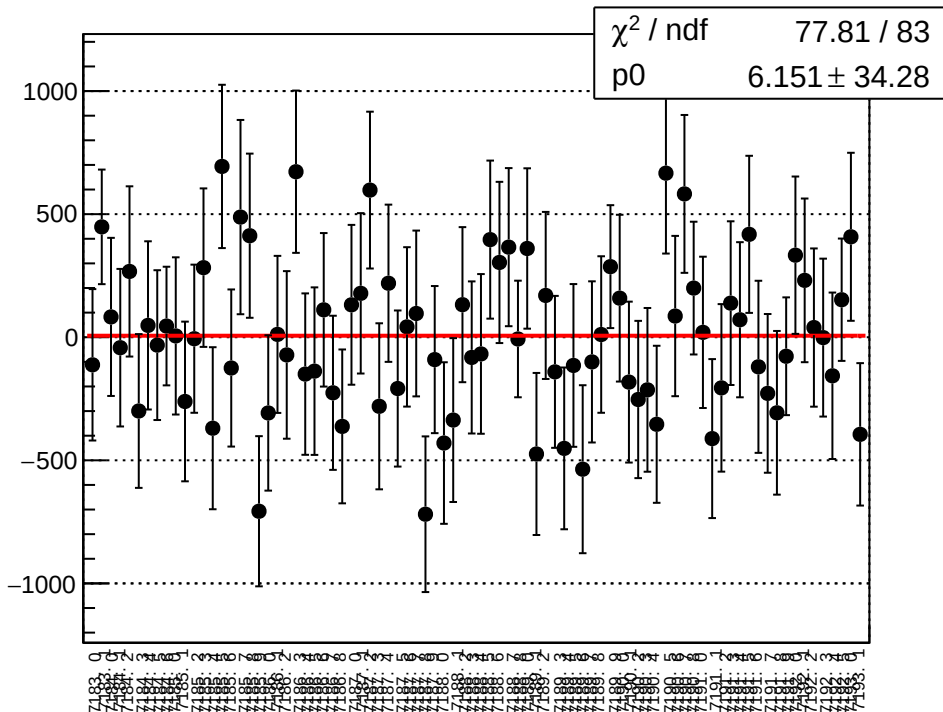
34.47 ± 0.02711



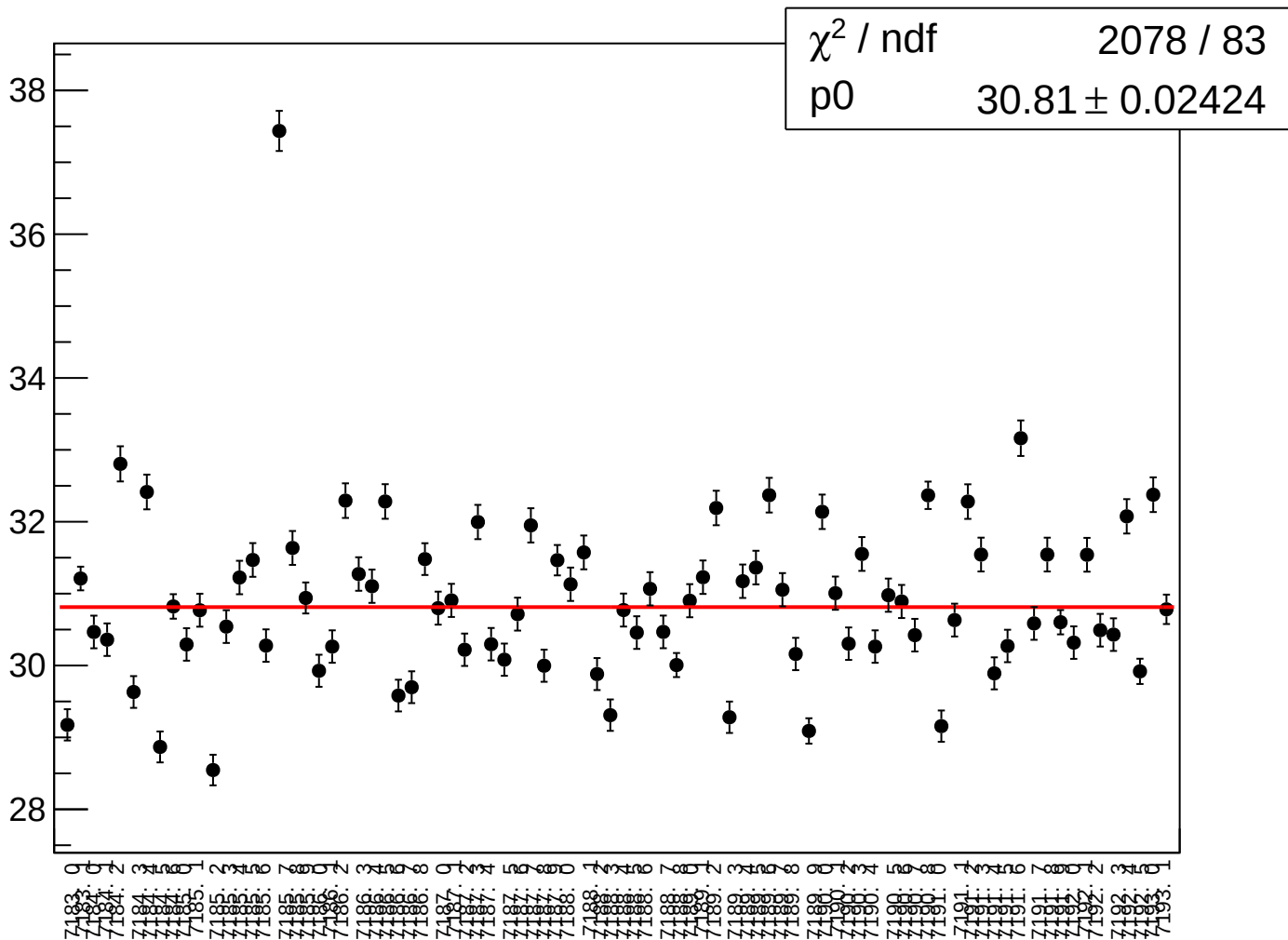
asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs run



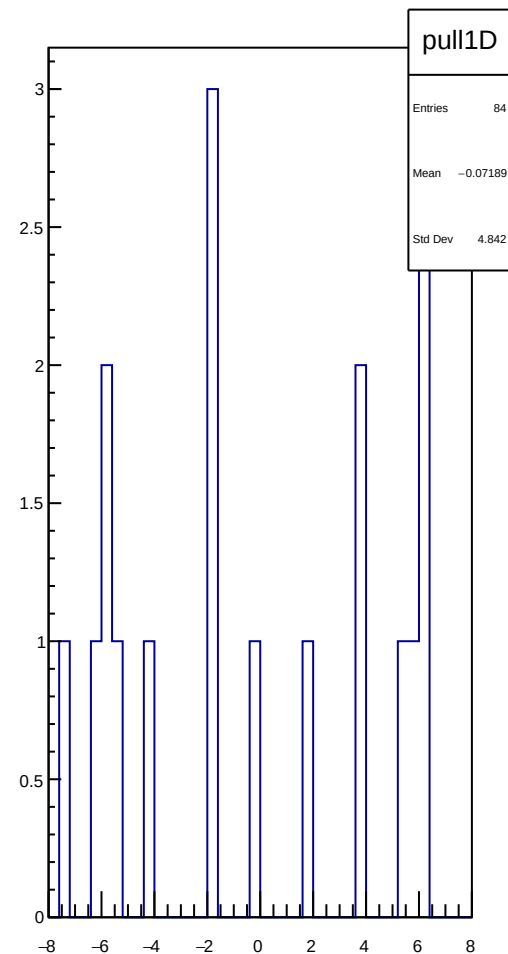
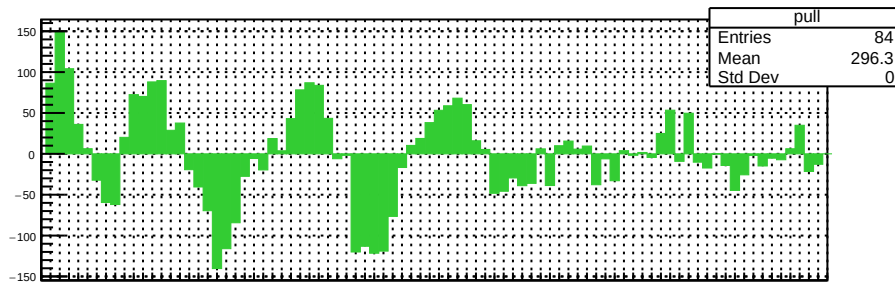
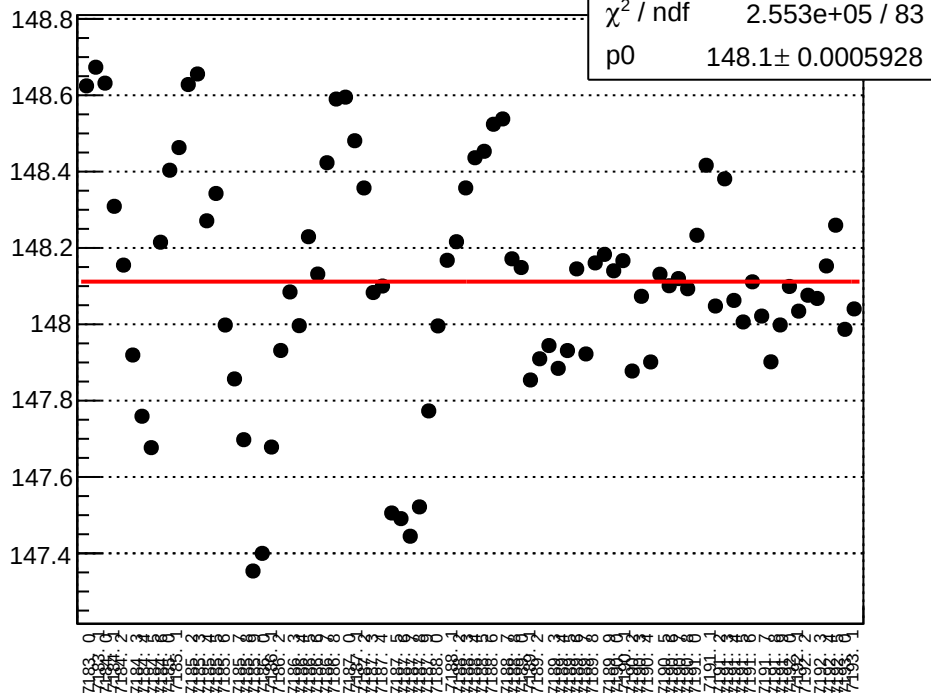
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs run



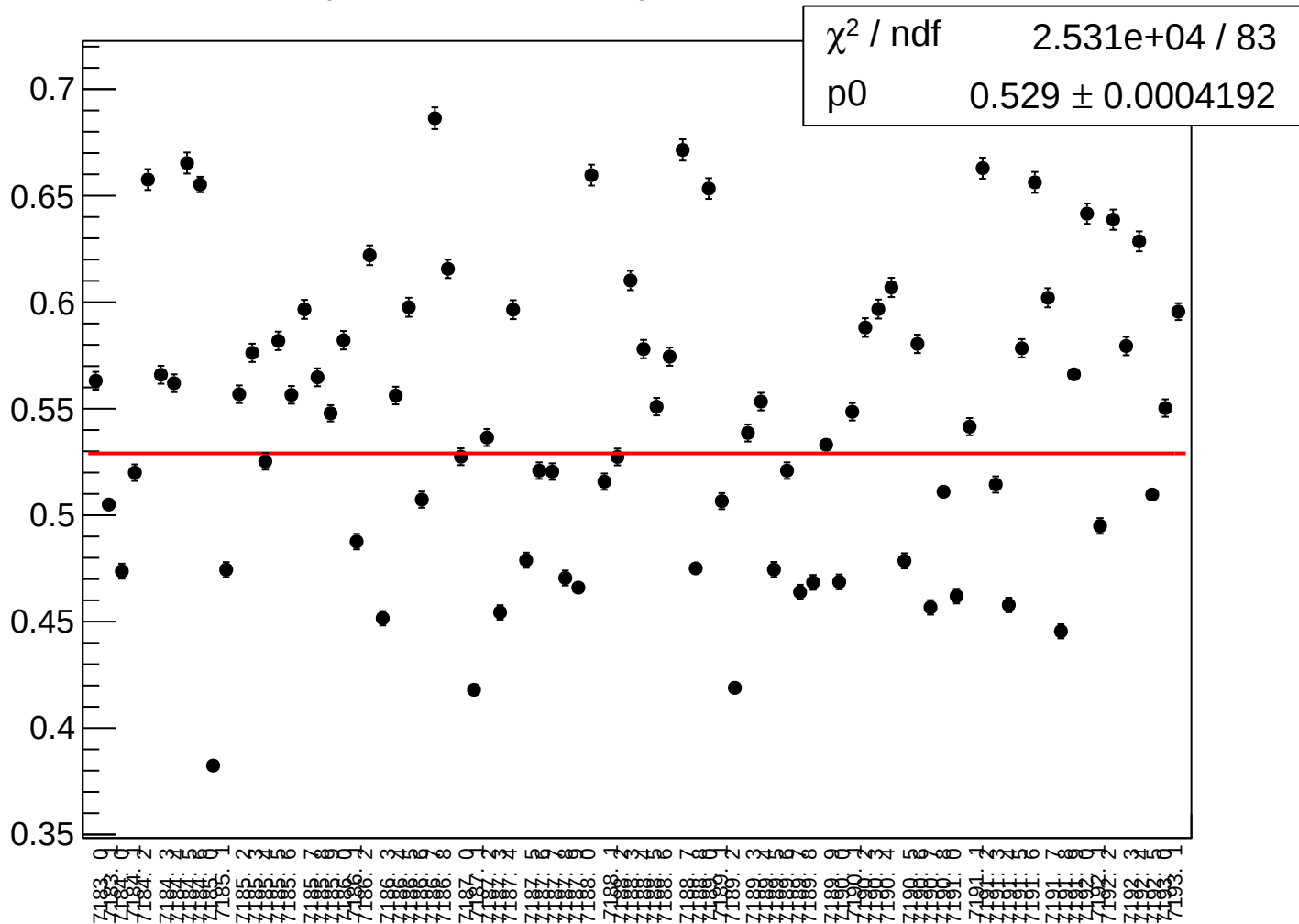
asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs run



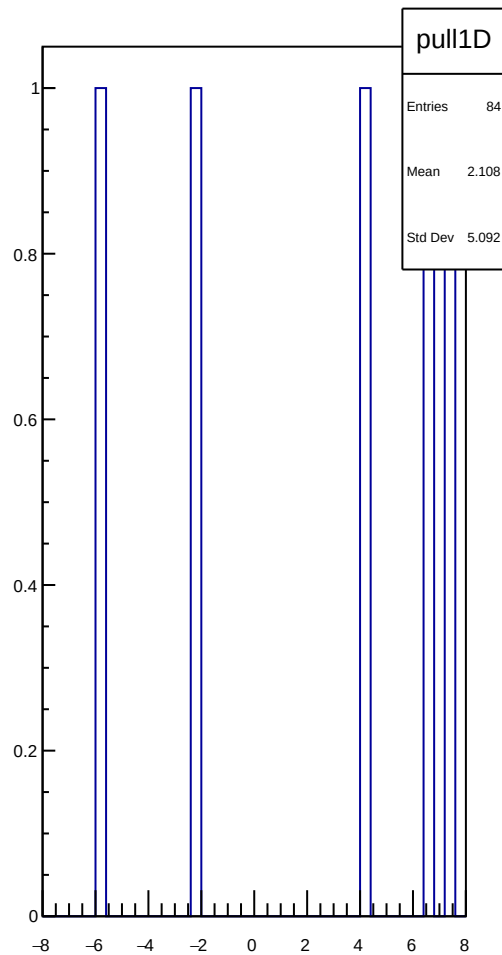
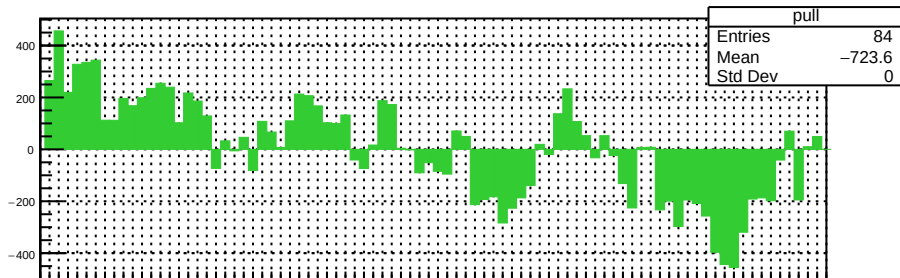
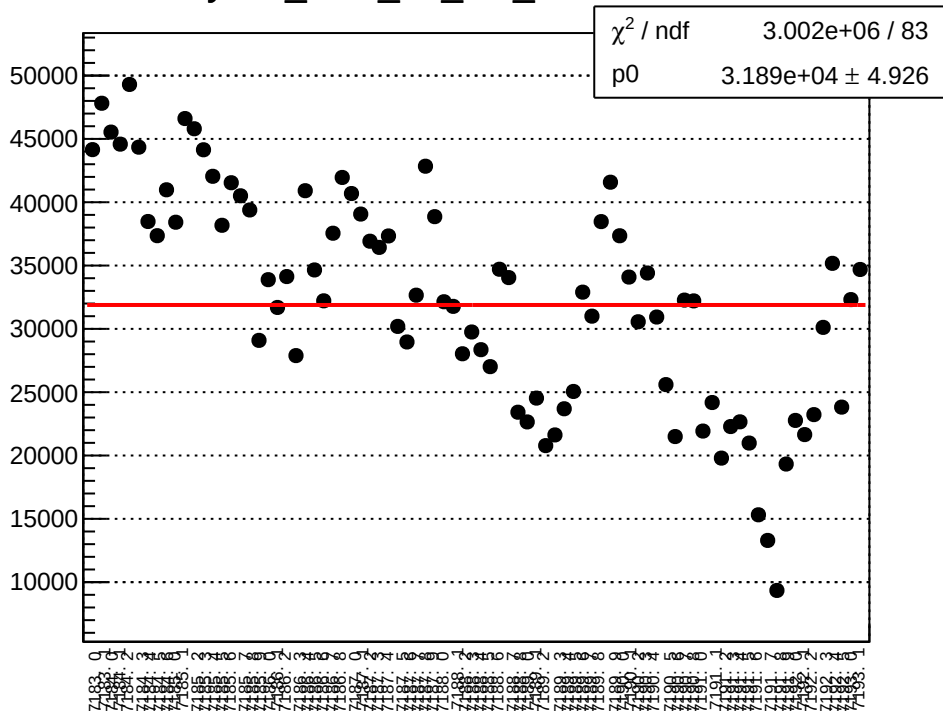
yield_bcm_target_mean vs run



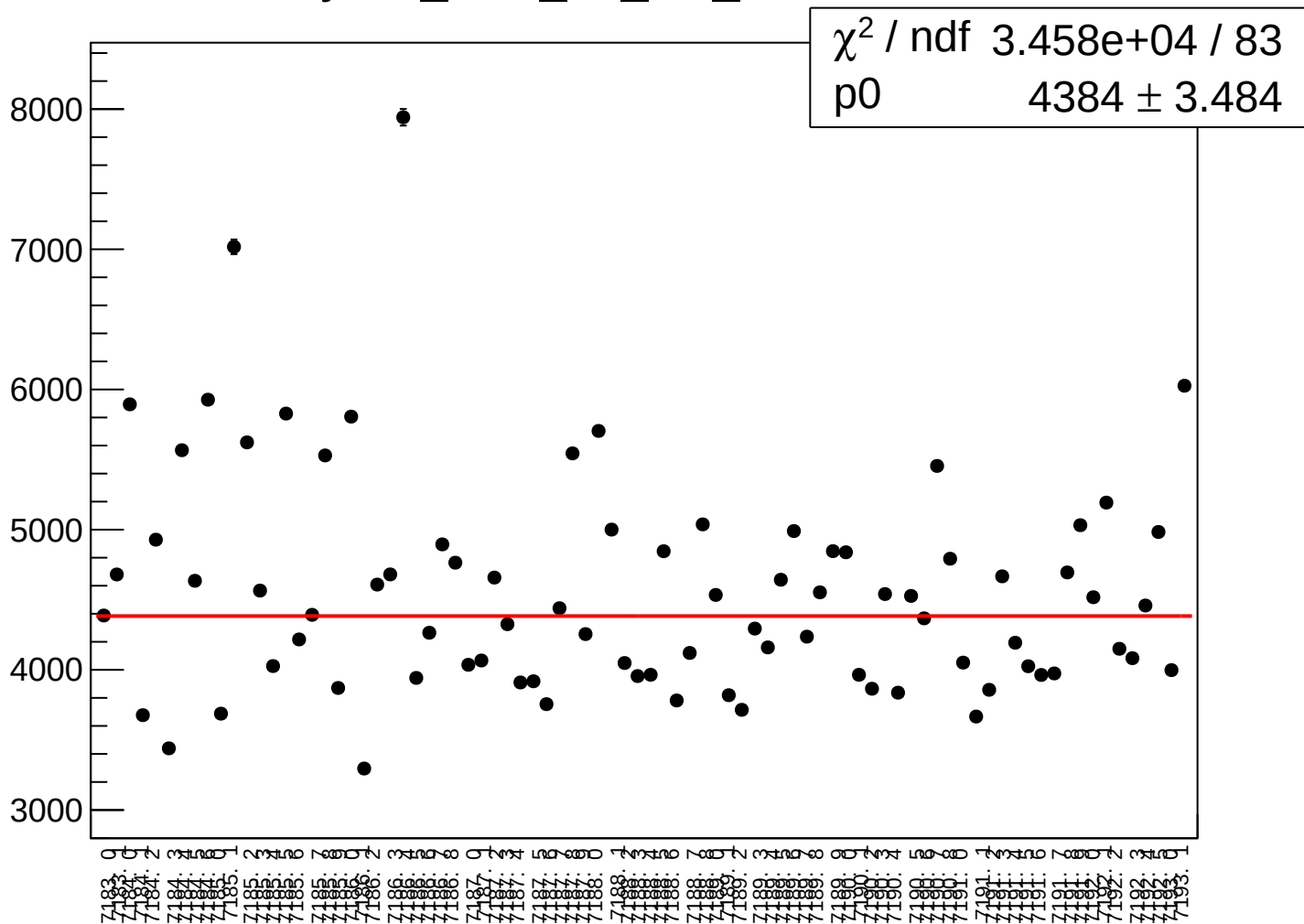
yield_bcm_target_rms vs run



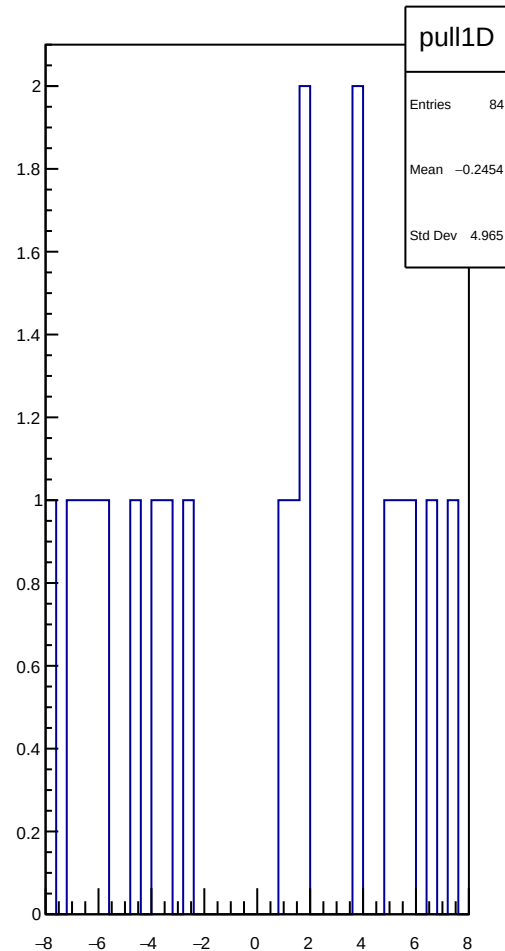
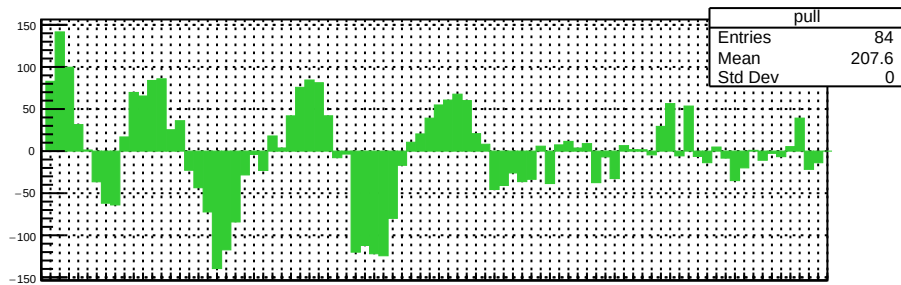
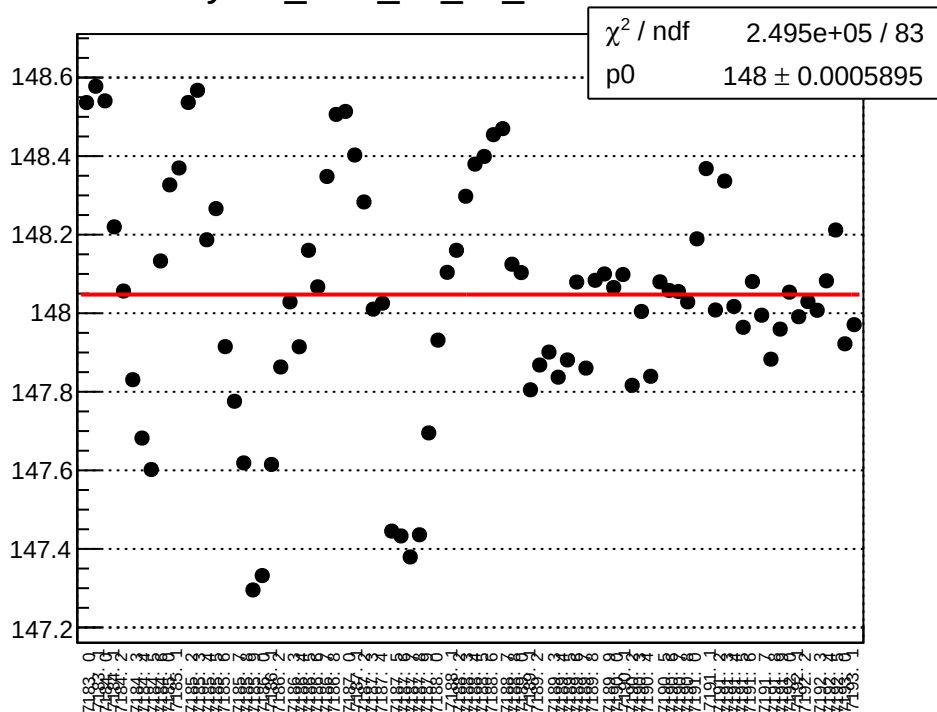
yield_bcm_an_diff_mean vs run



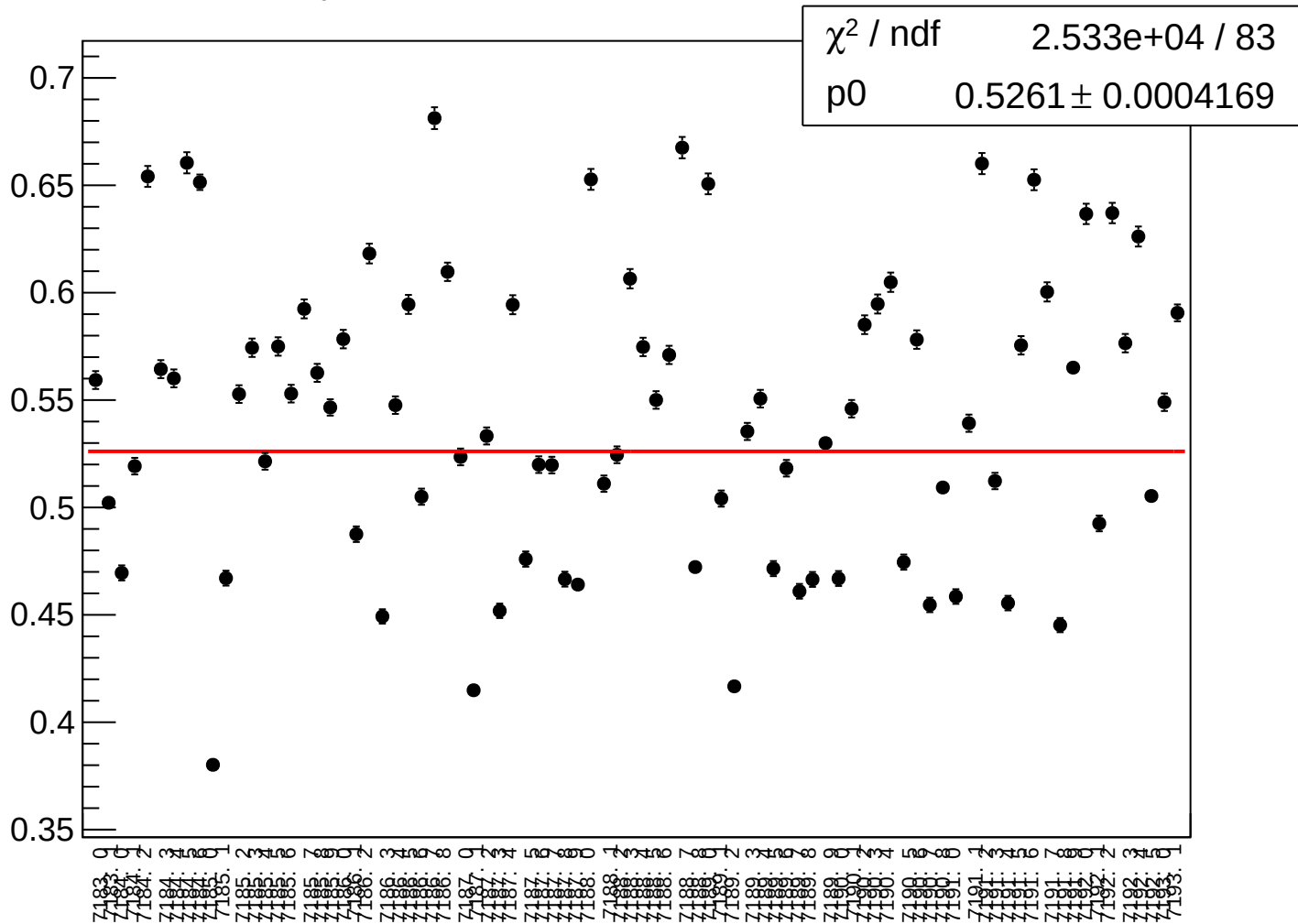
yield_bcm_an_diff_rms vs run



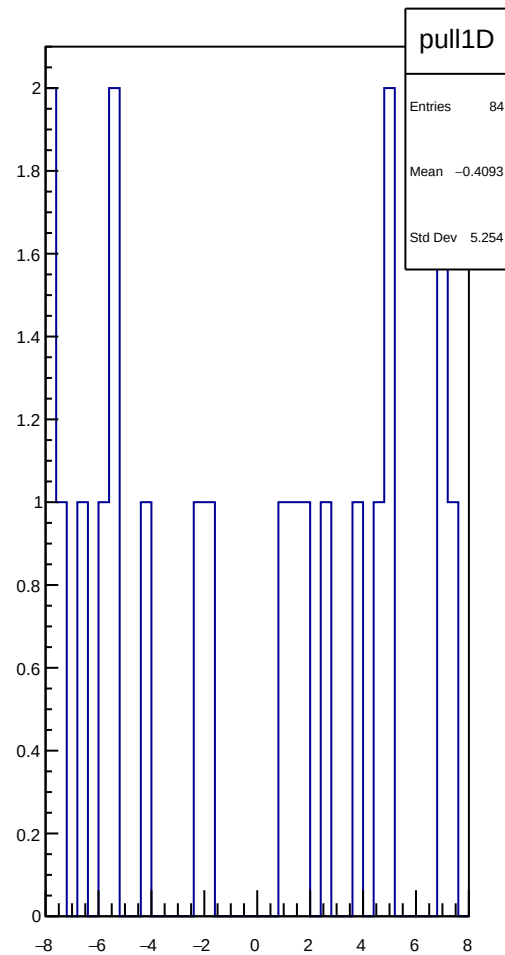
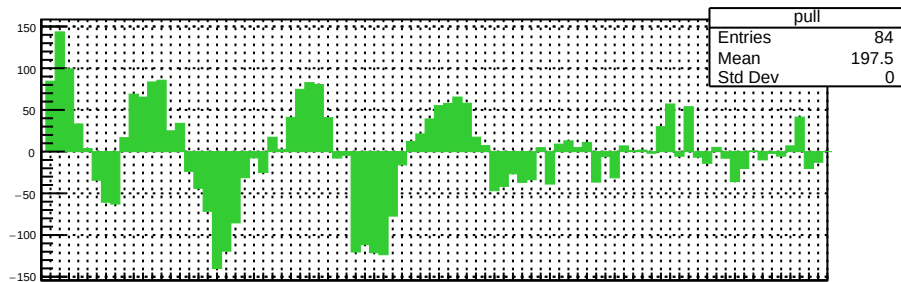
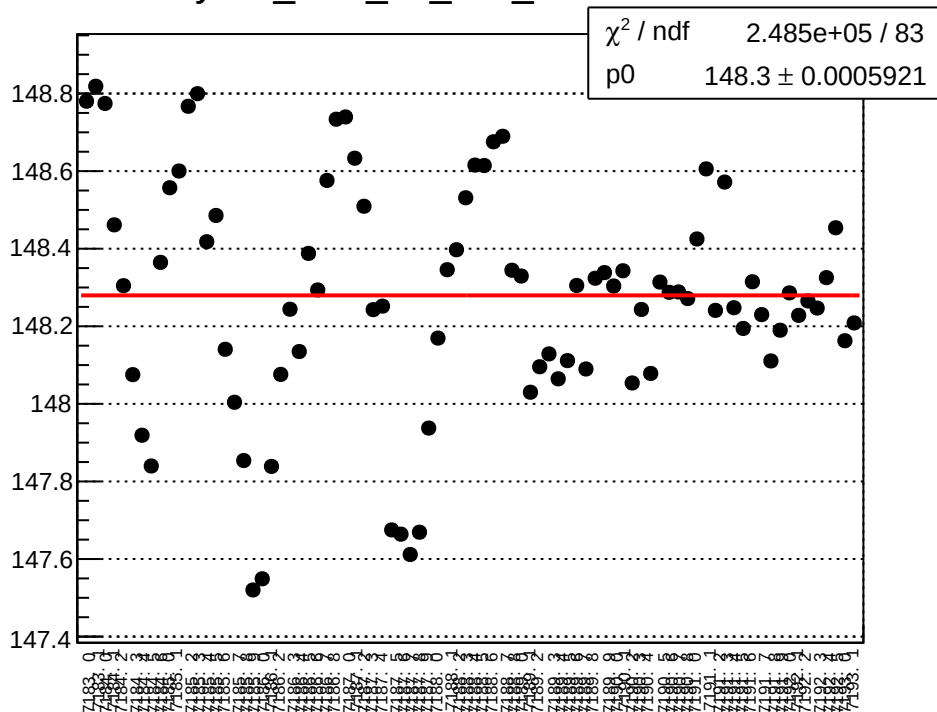
yield_bcm_an_ds_mean vs run



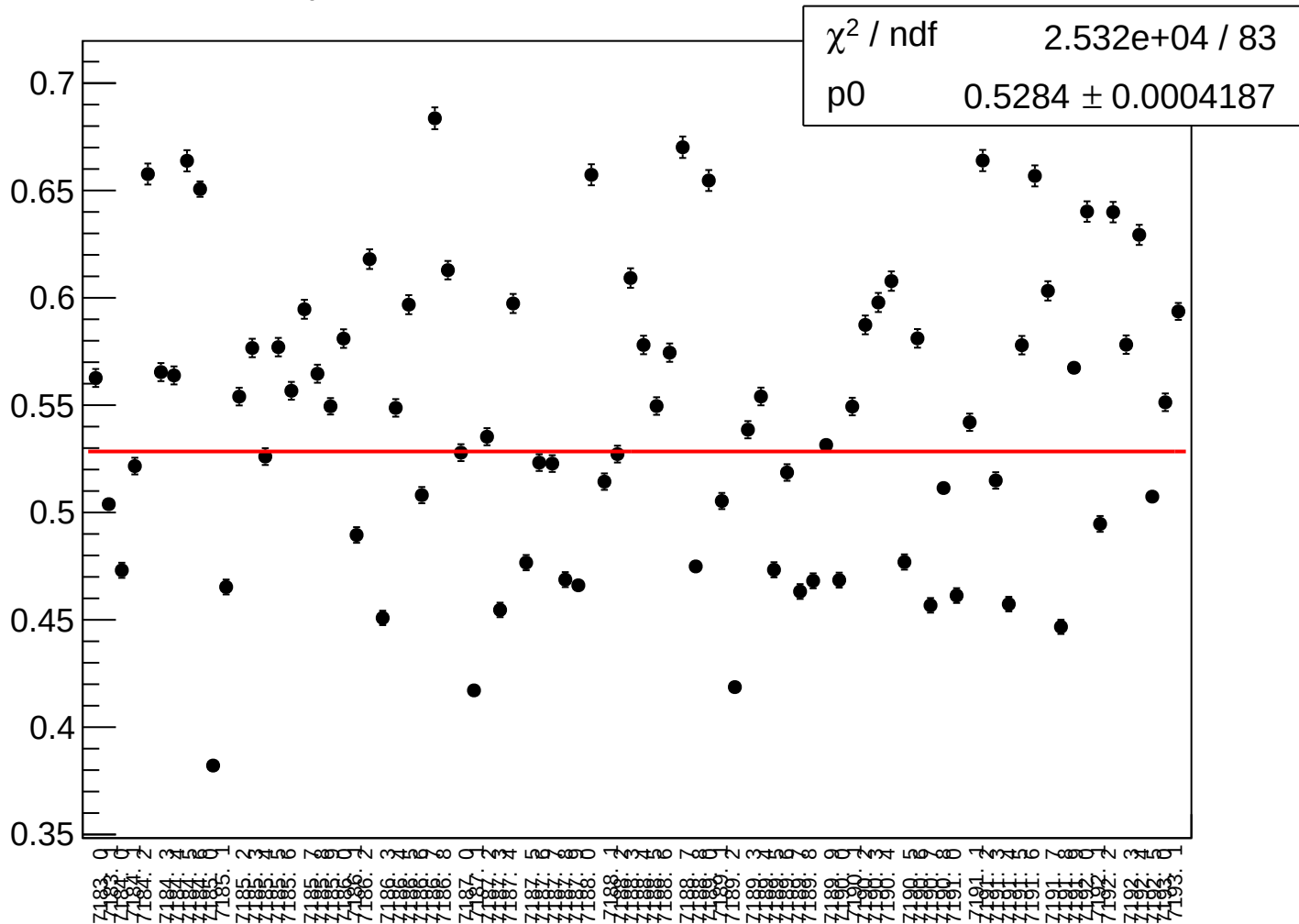
yield_bcm_an_ds_rms vs run



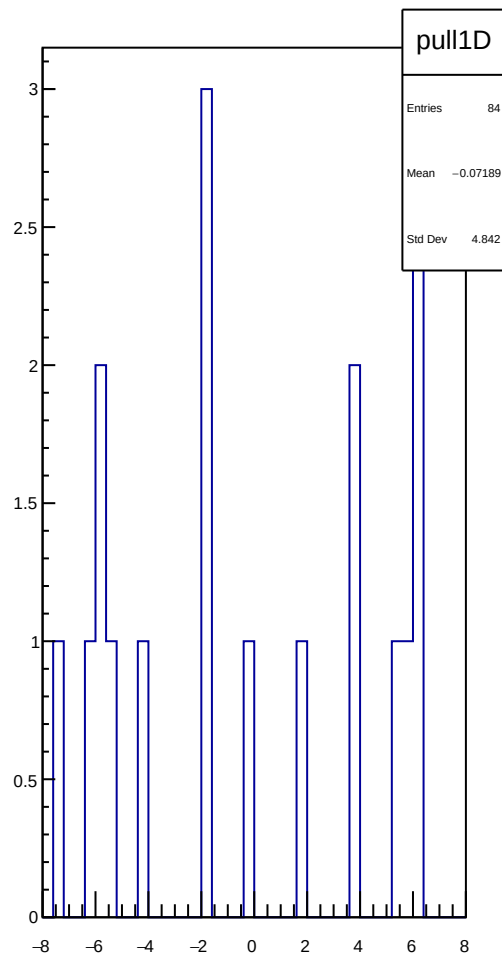
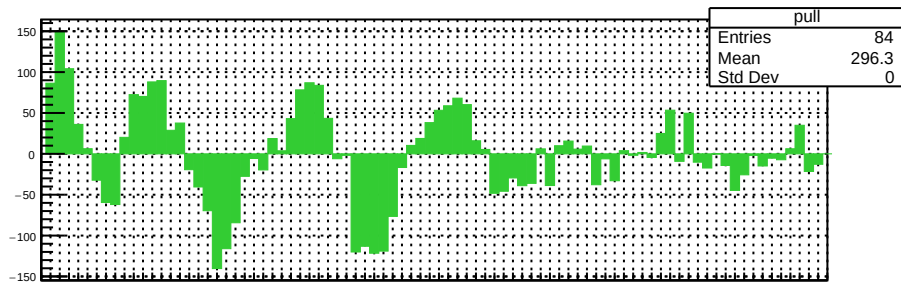
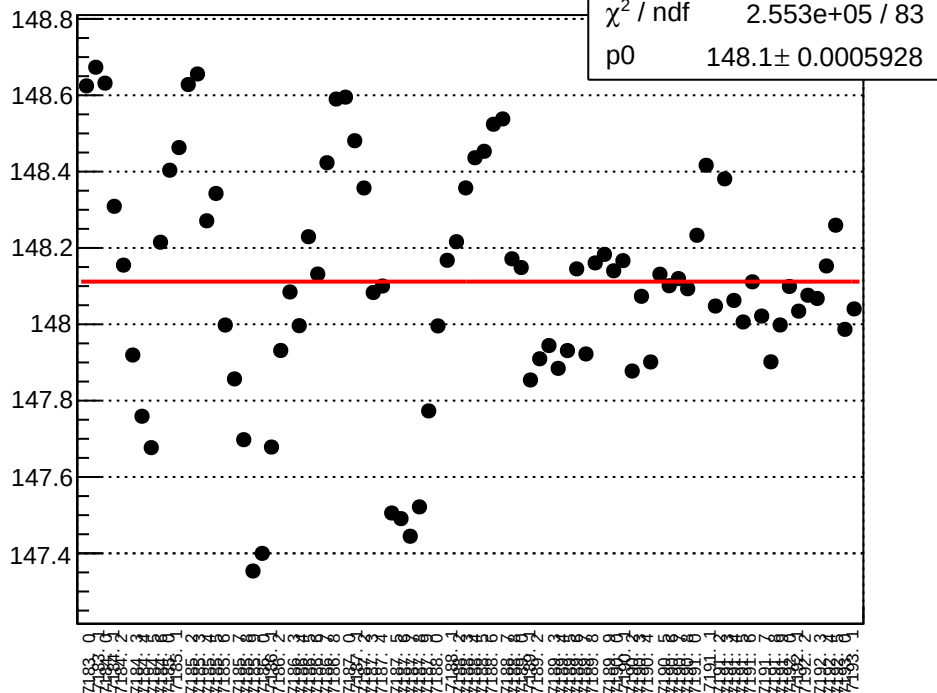
yield_bcm_an_ds3_mean vs run



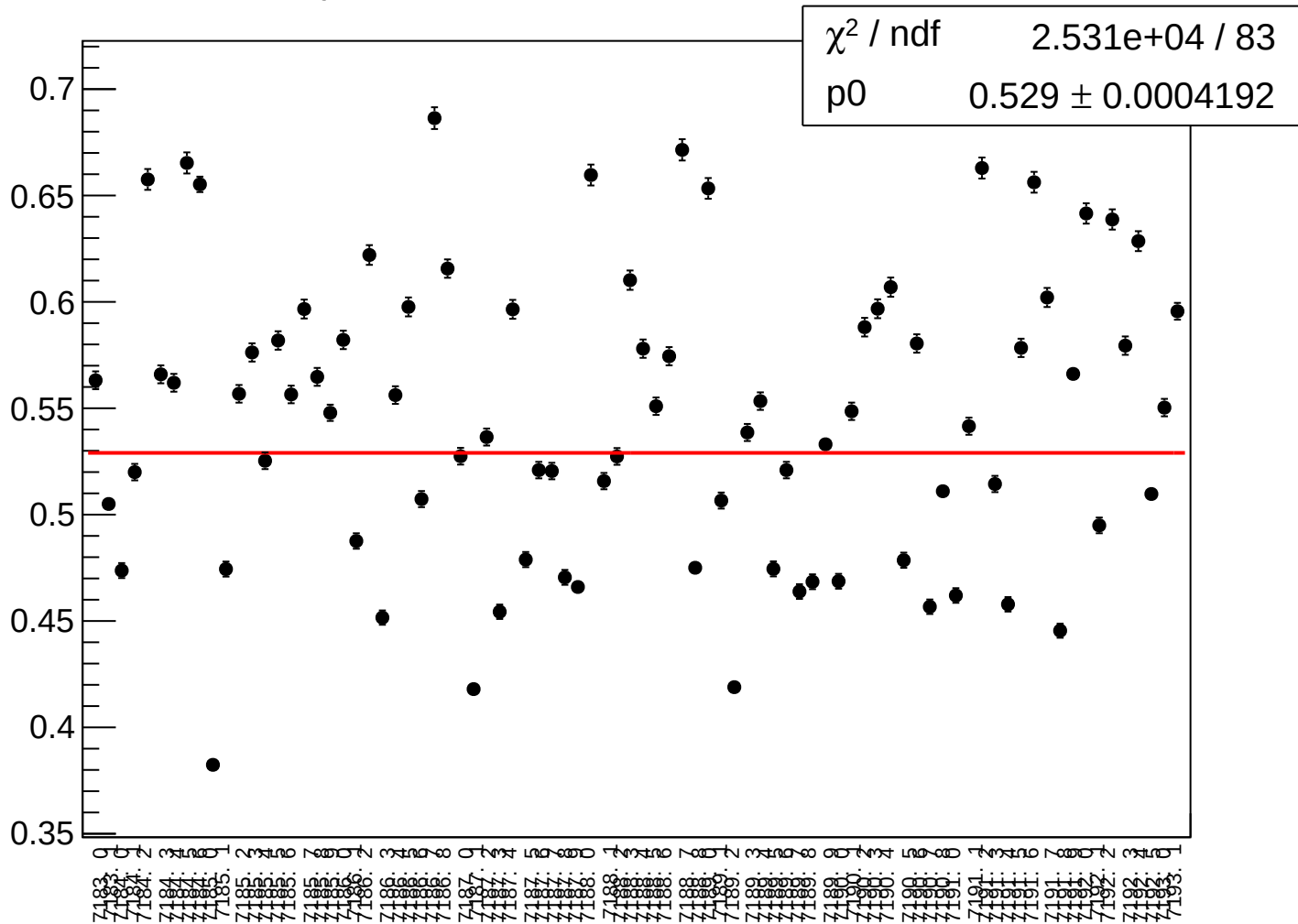
yield_bcm_an_ds3_rms vs run



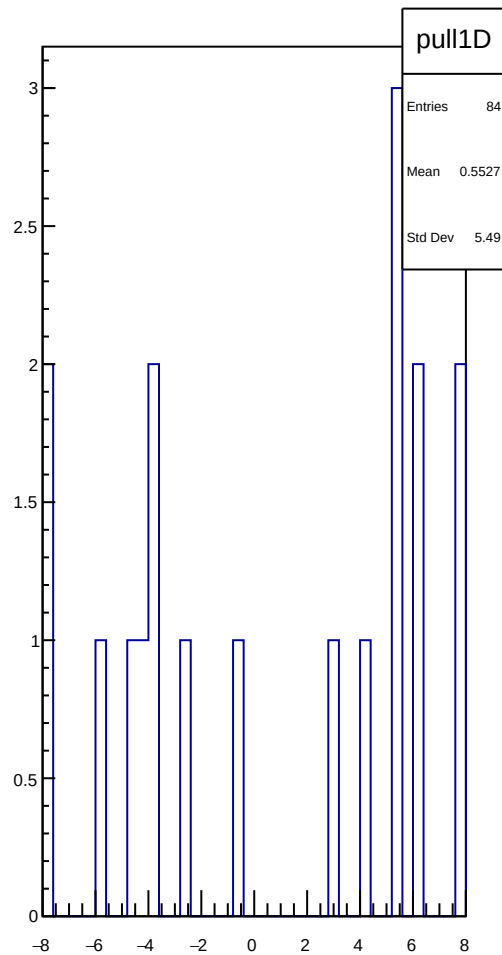
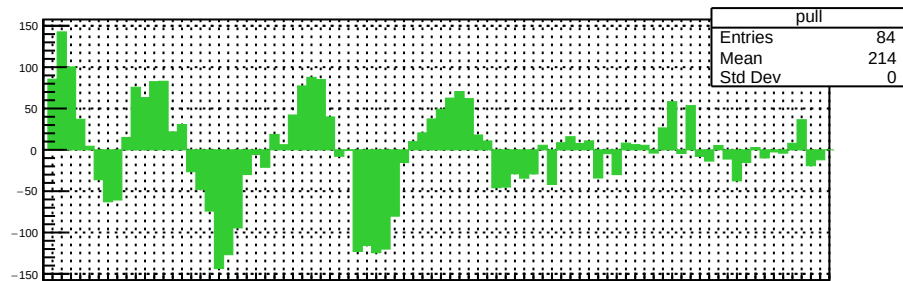
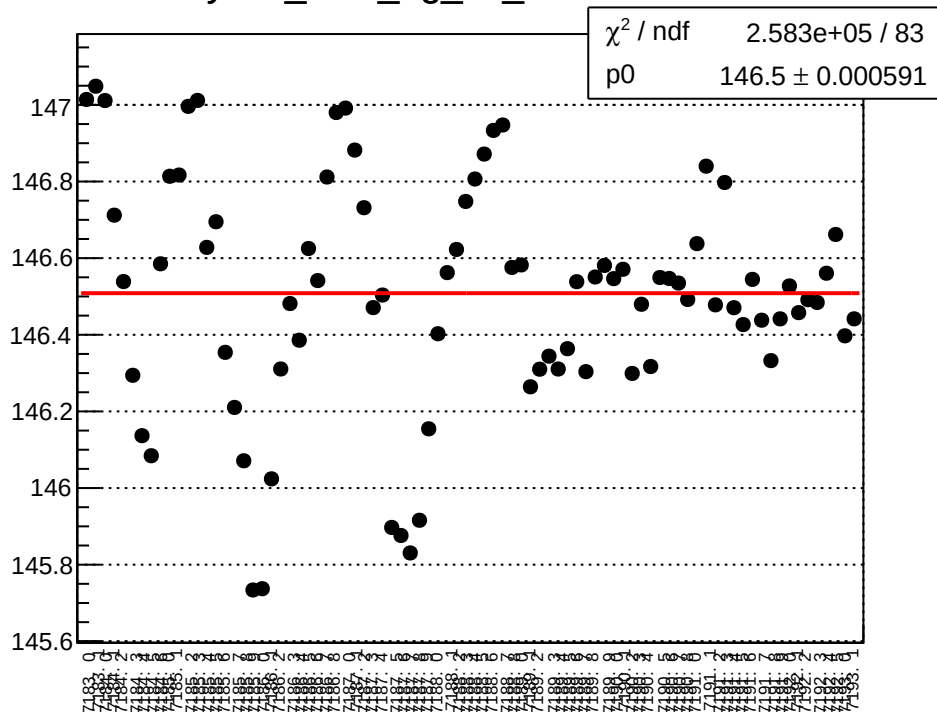
yield_bcm_an_us_mean vs run



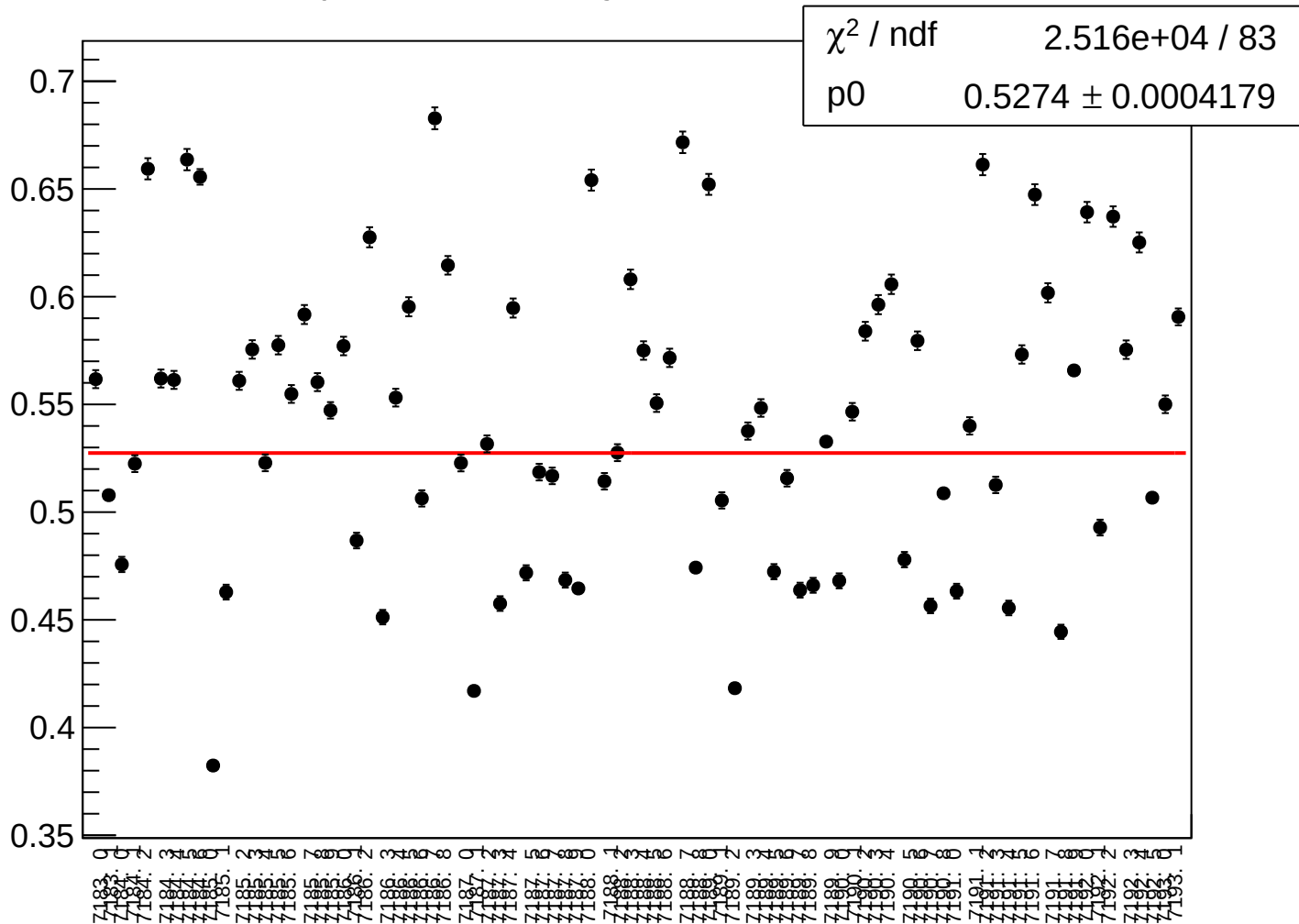
yield_bcm_an_us_rms vs run



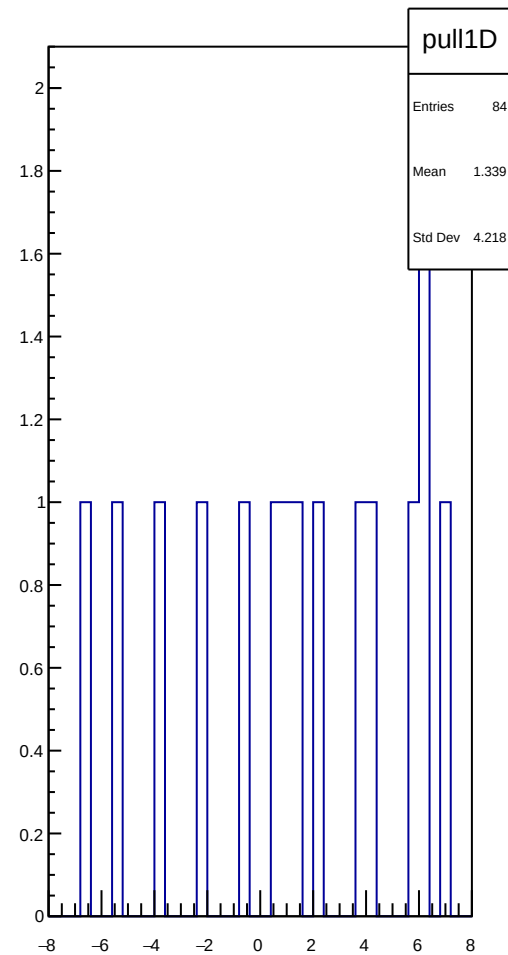
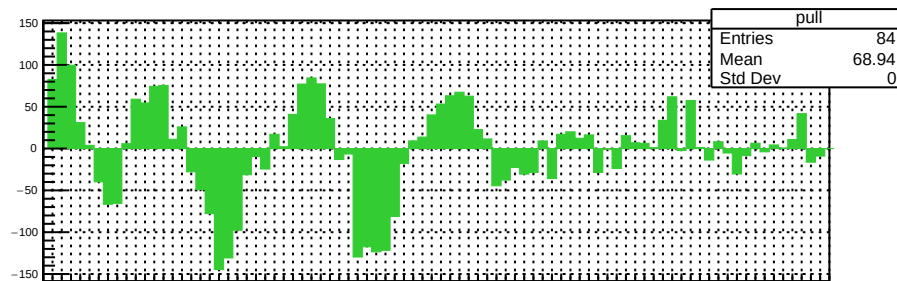
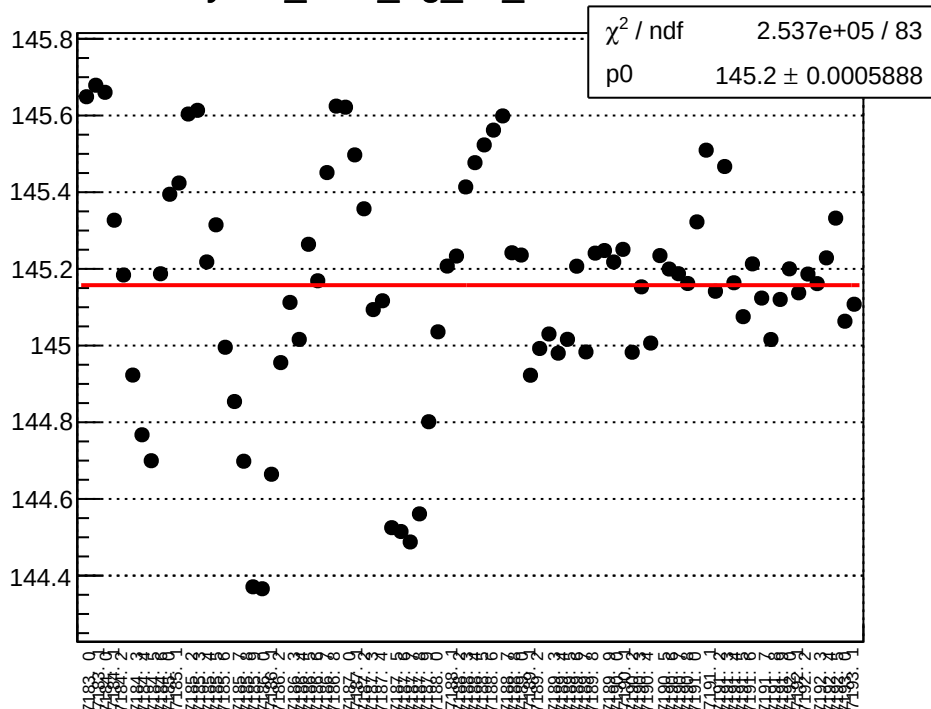
yield_bcm_dg_us_mean vs run



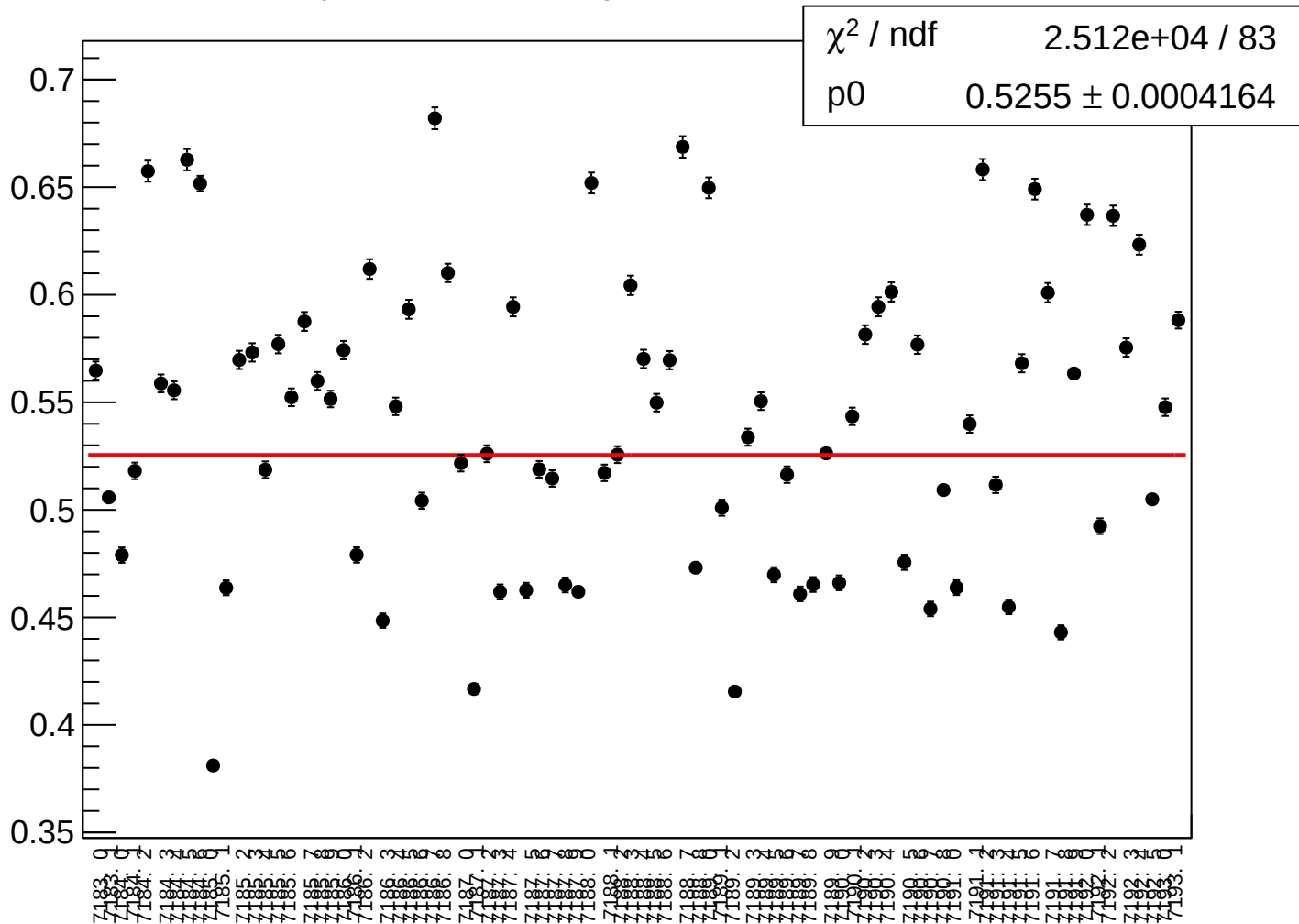
yield_bcm_dg_us_rms vs run



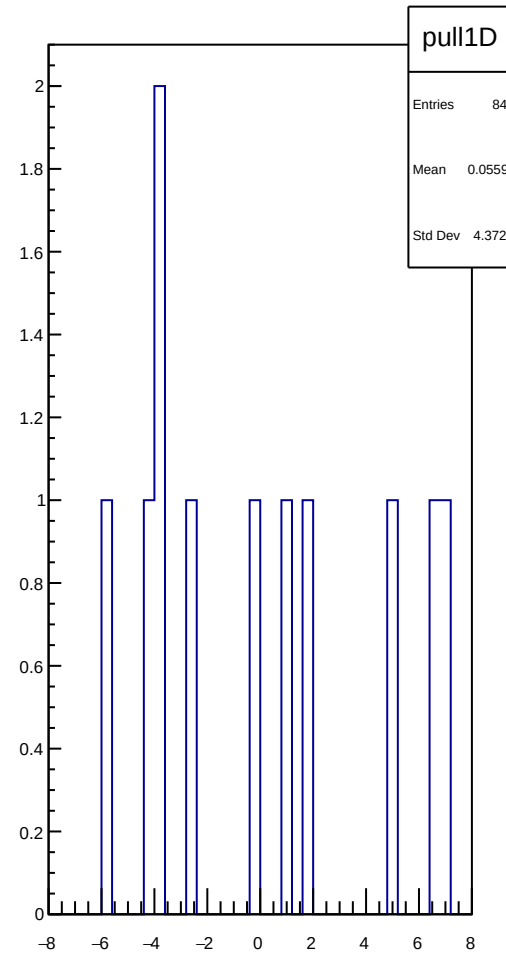
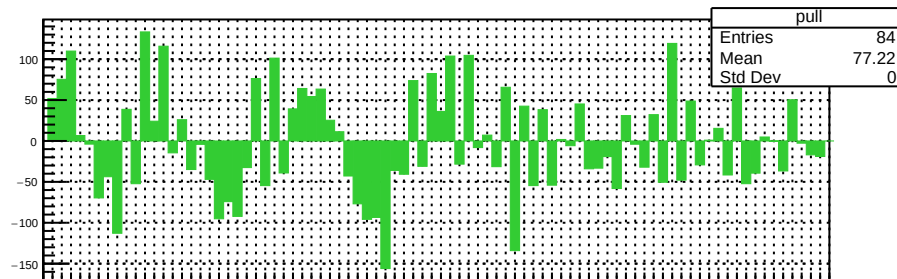
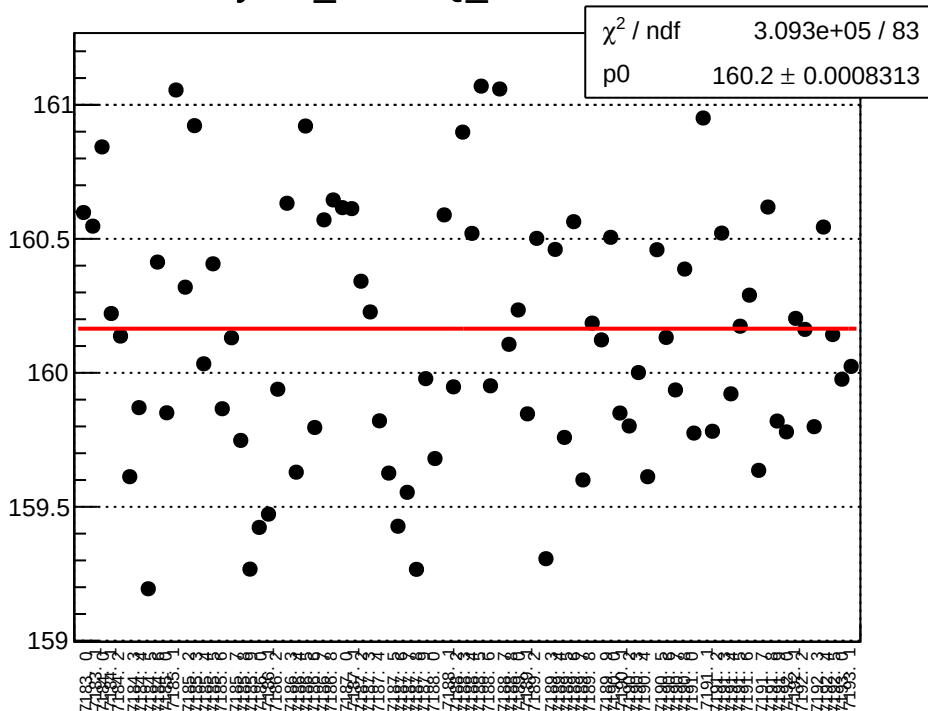
yield_bcm_dg_ds_mean vs run



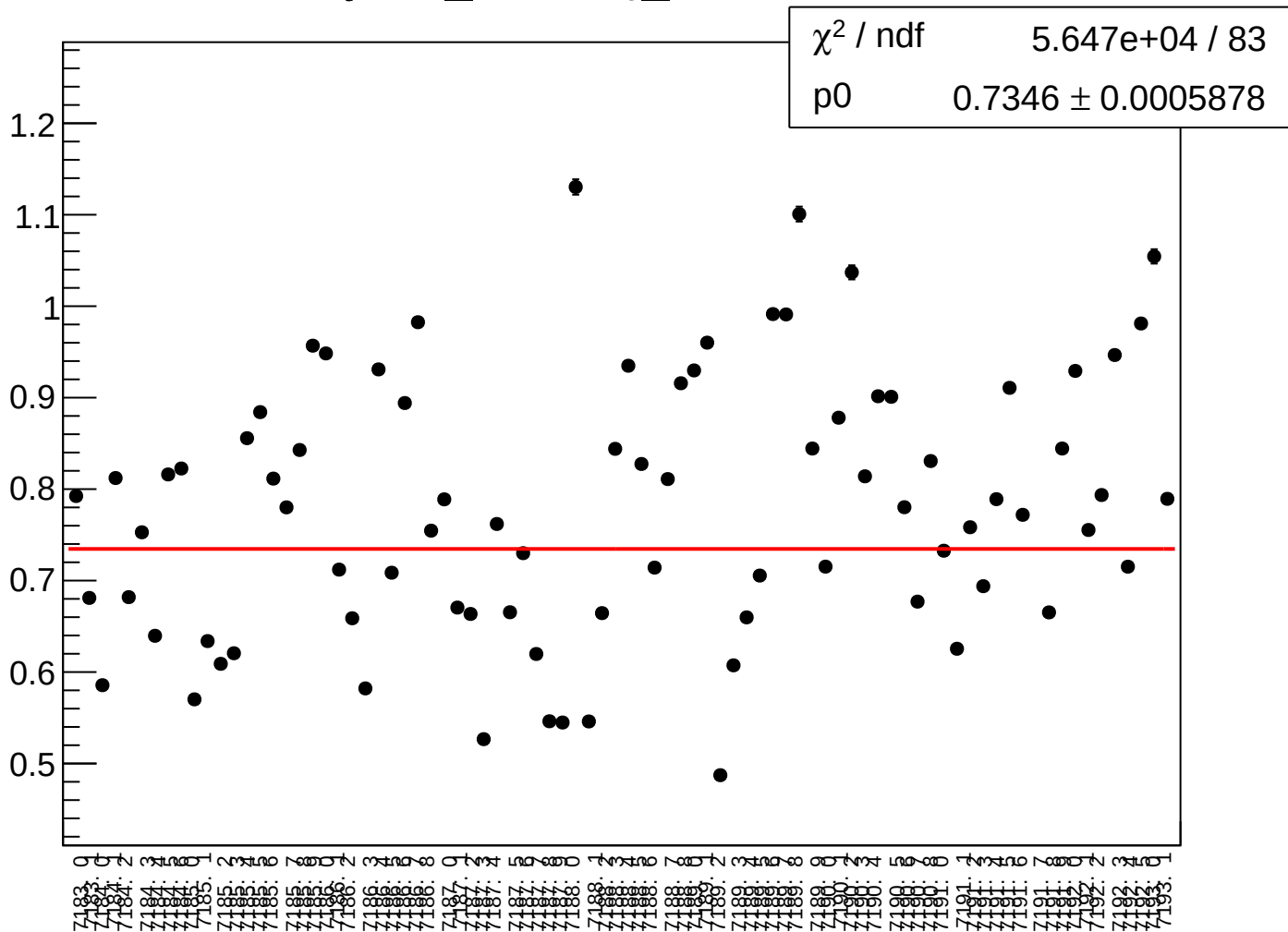
yield_bcm_dg_ds_rms vs run



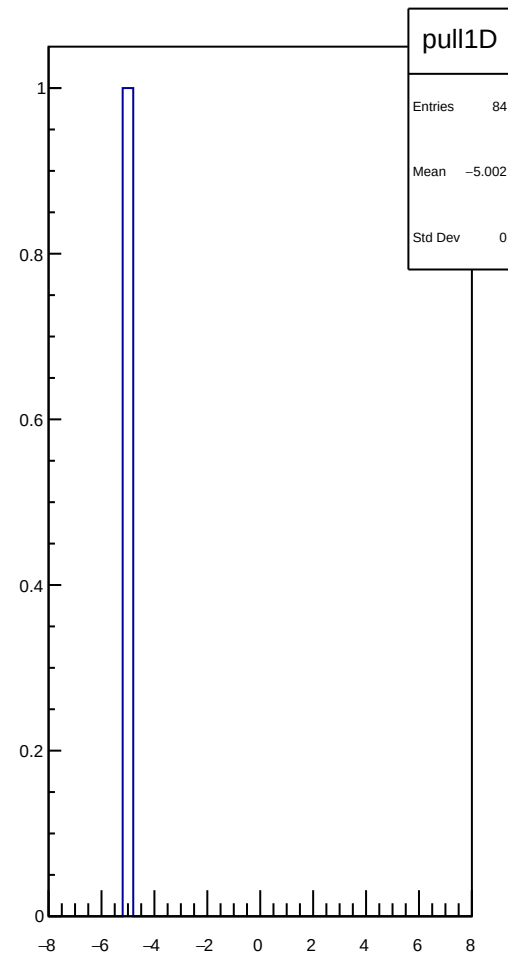
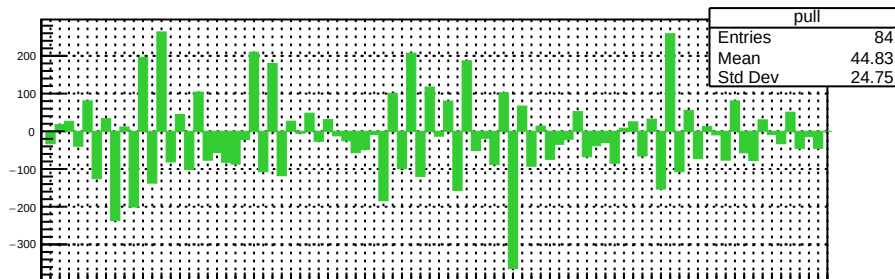
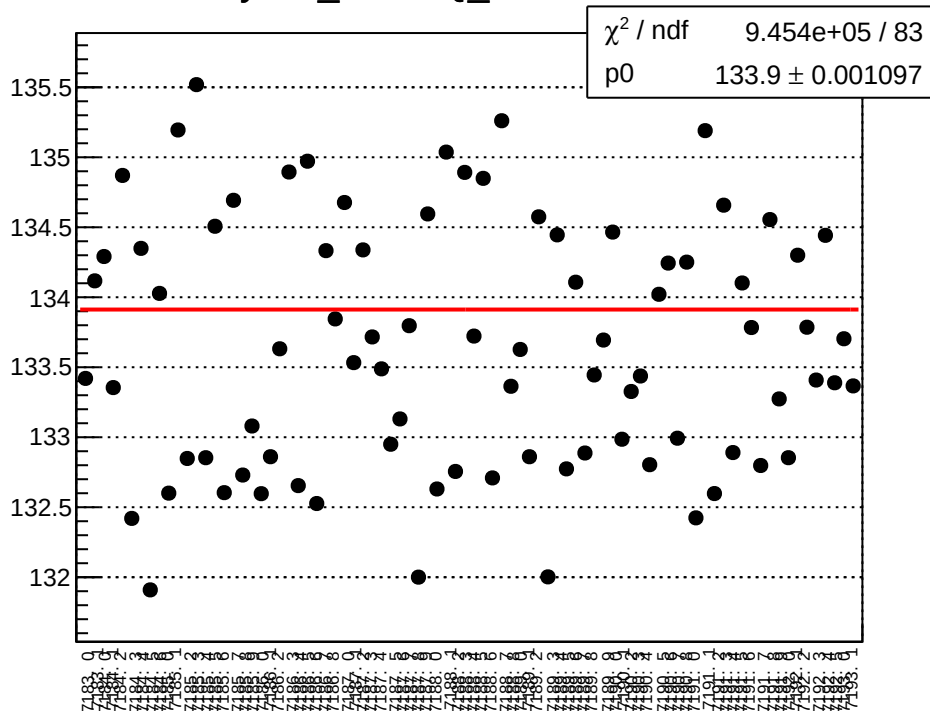
yield_cav4bQ_mean vs run



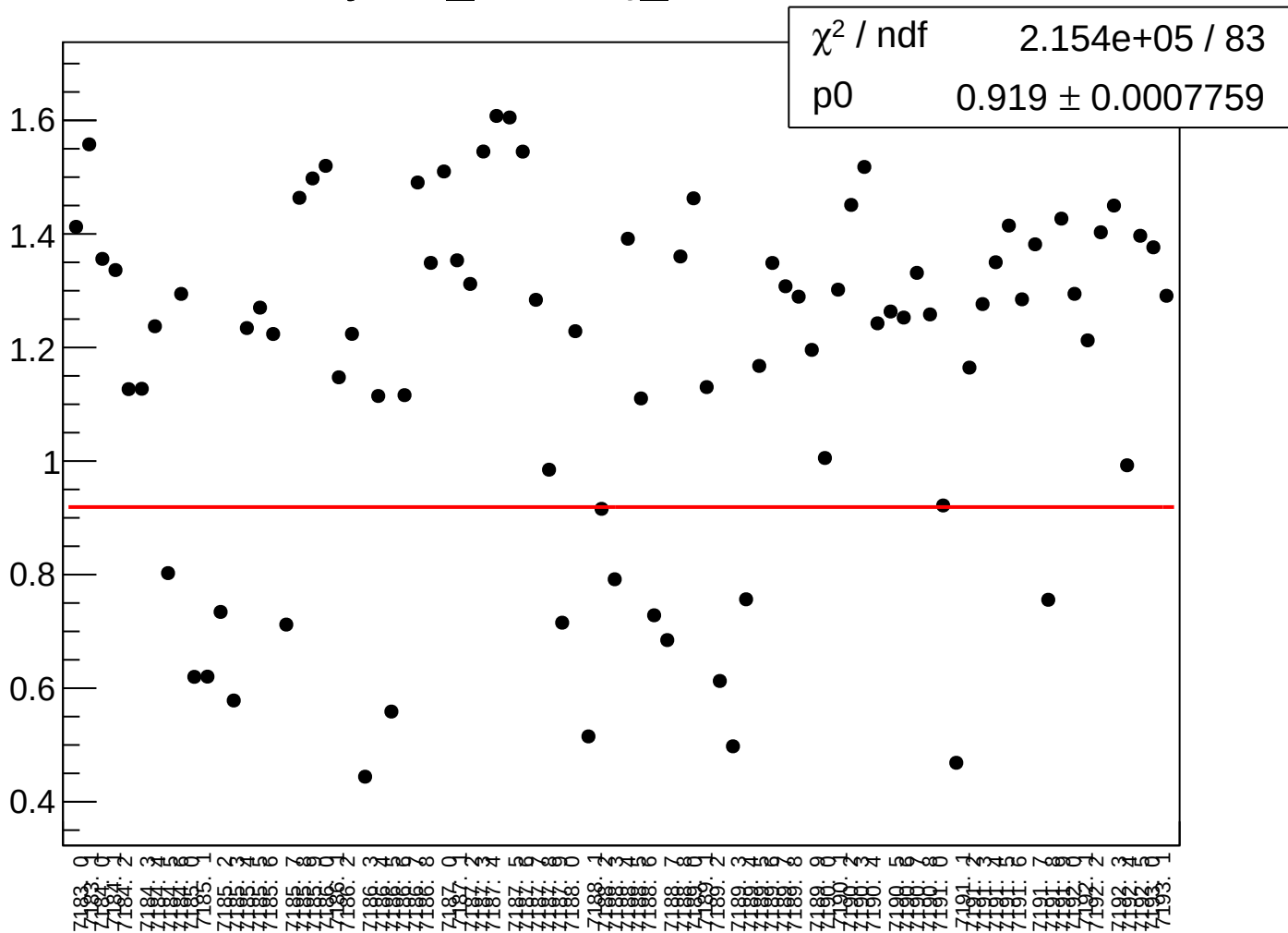
yield_cav4bQ_rms vs run



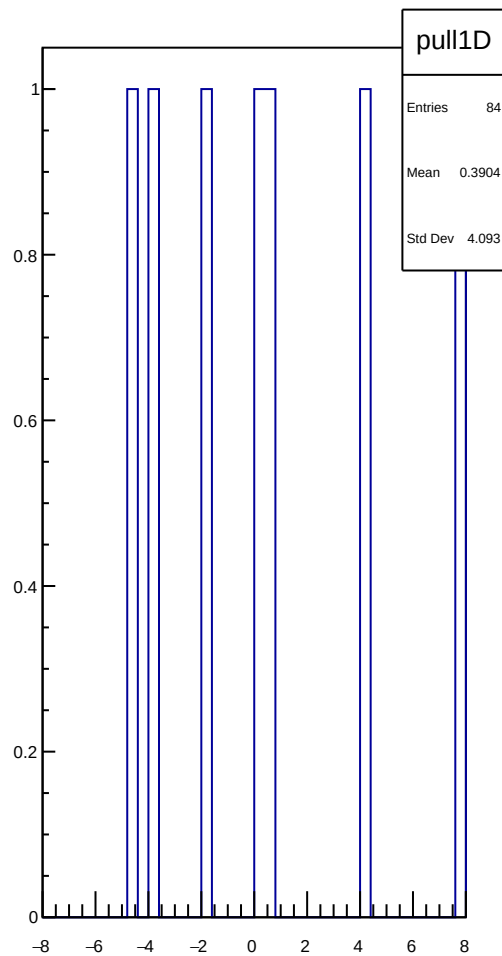
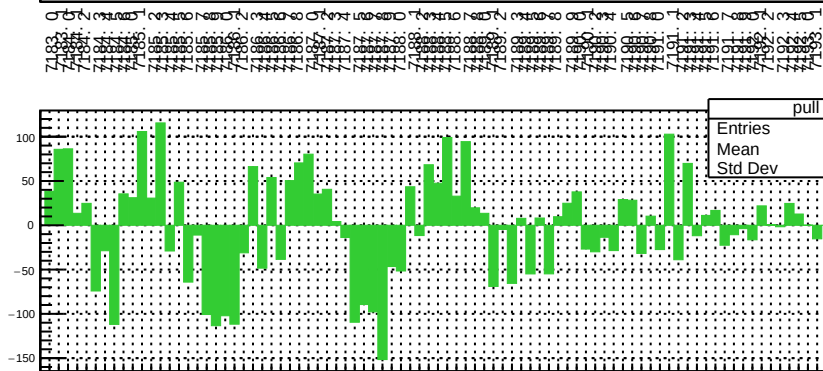
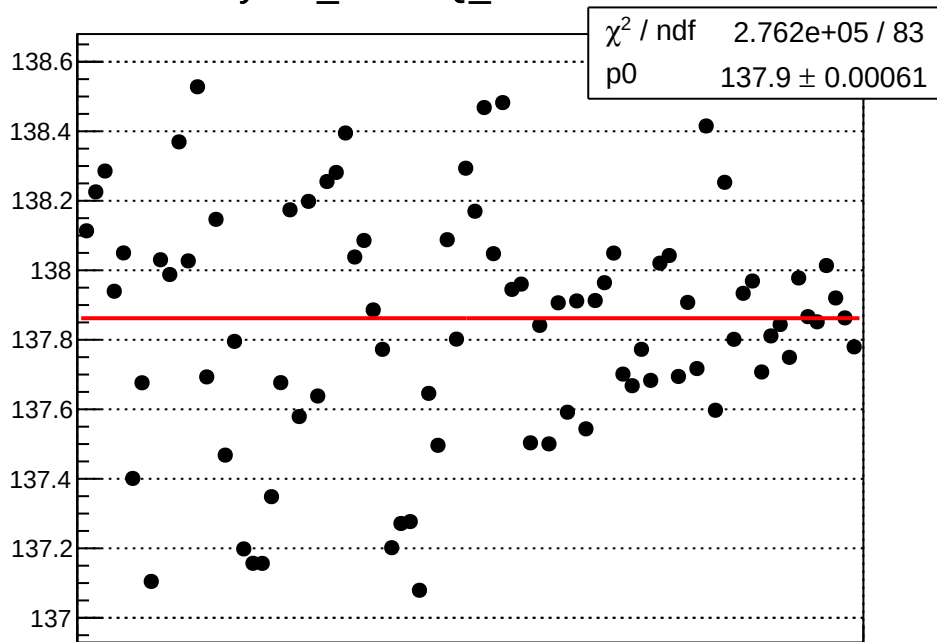
yield_cav4cQ_mean vs run



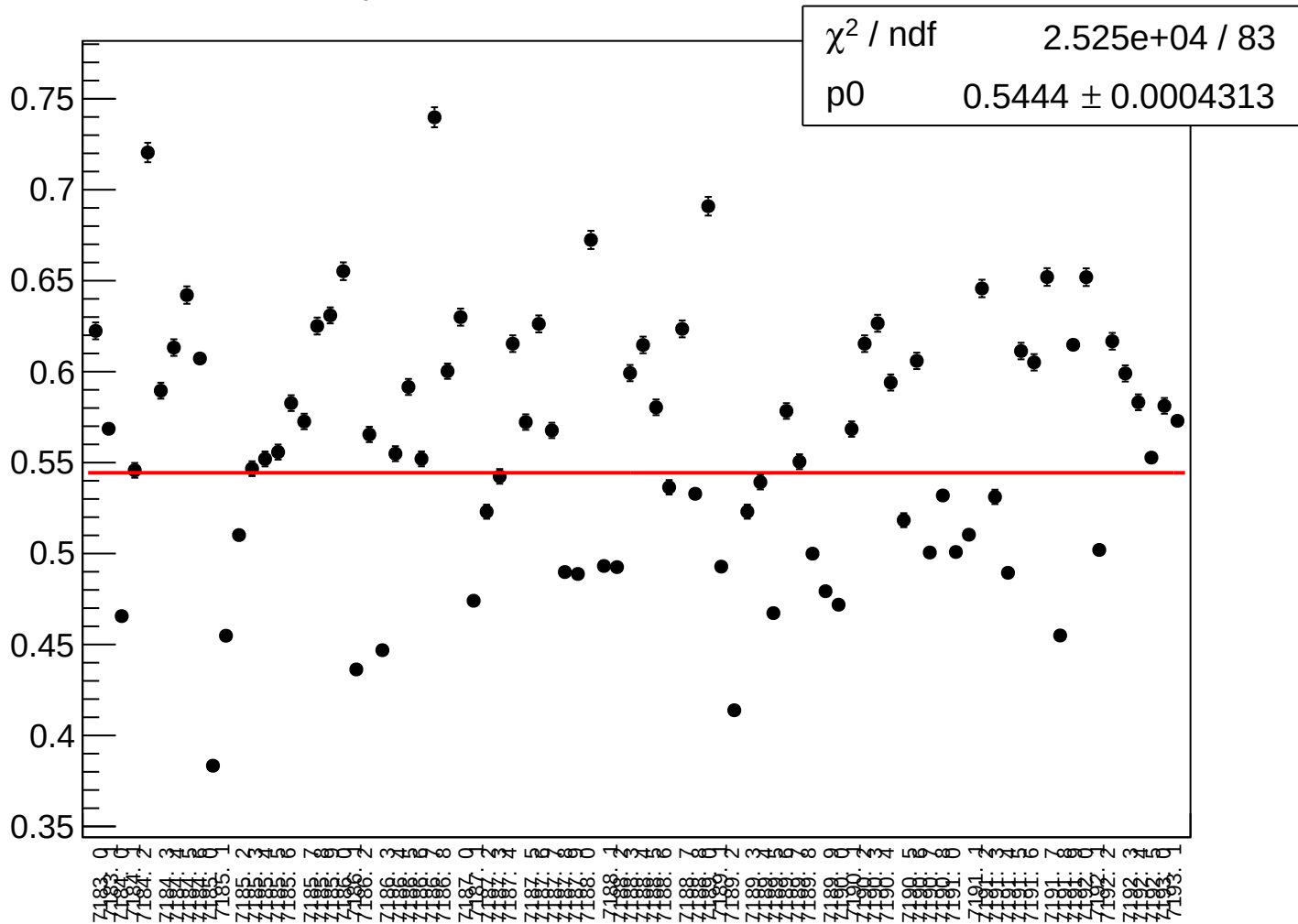
yield_cav4cQ_rms vs run



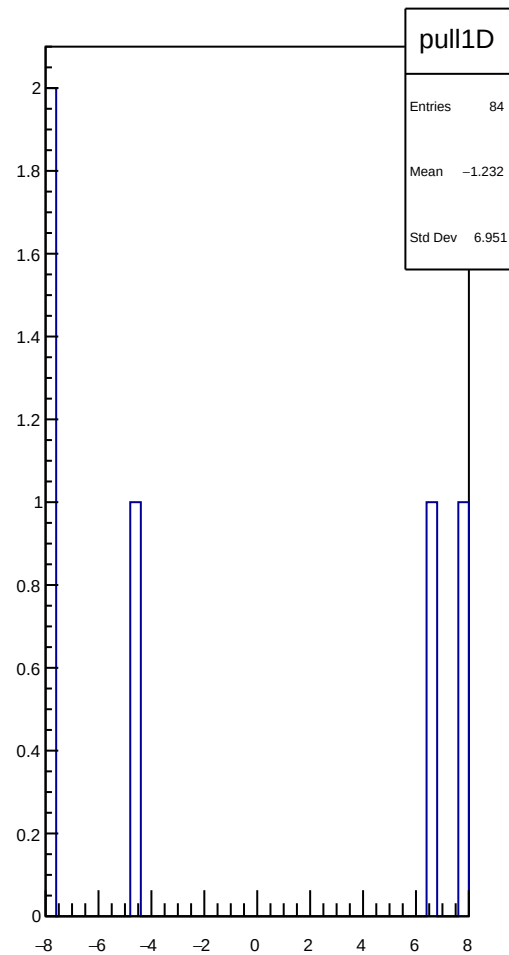
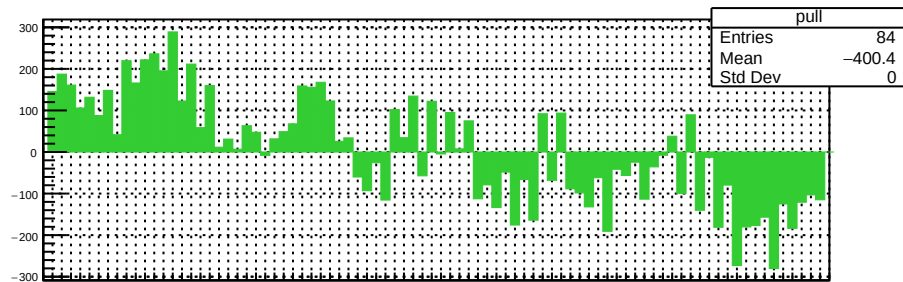
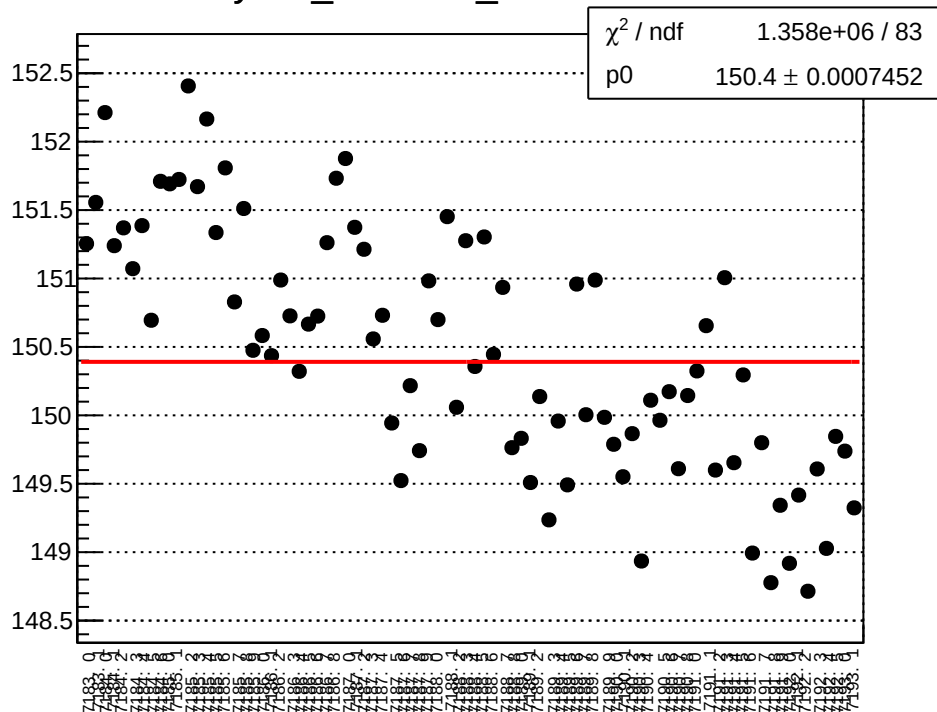
yield_cav4dQ_mean vs run



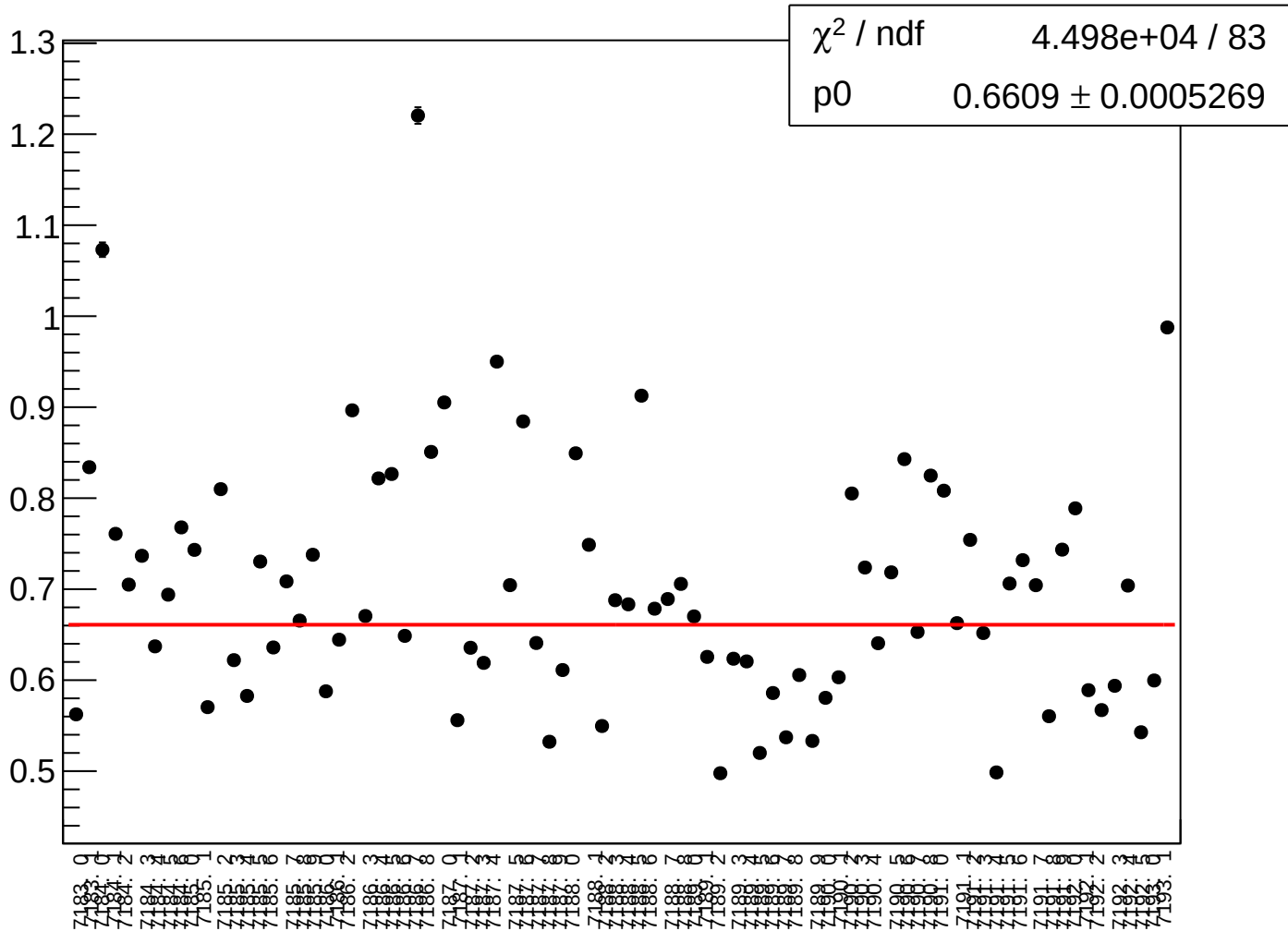
yield_cav4dQ_rms vs run



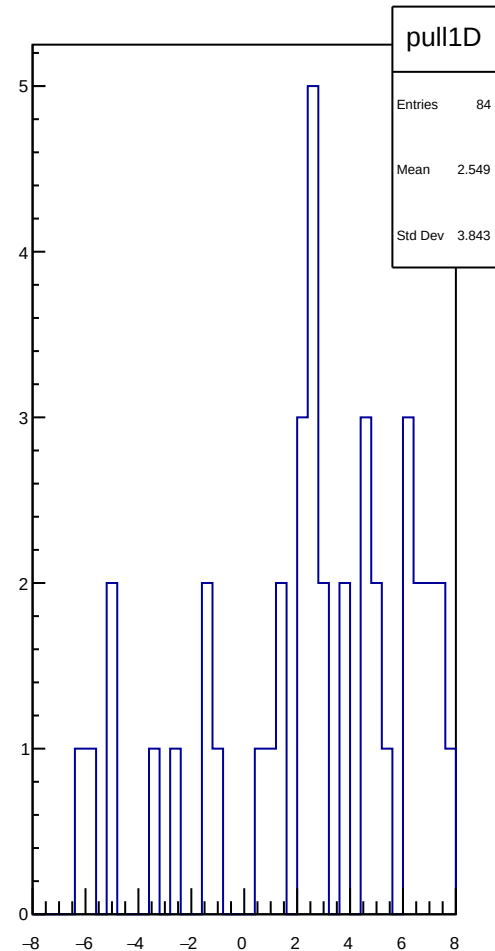
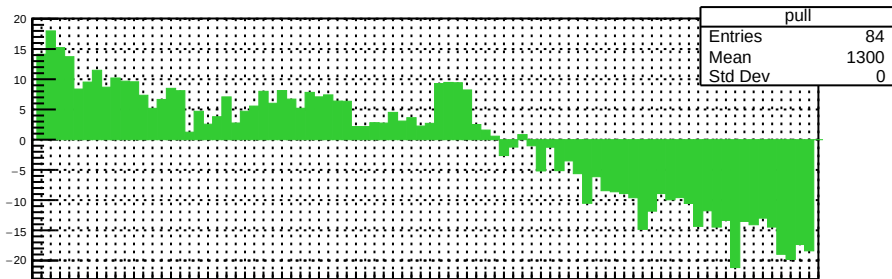
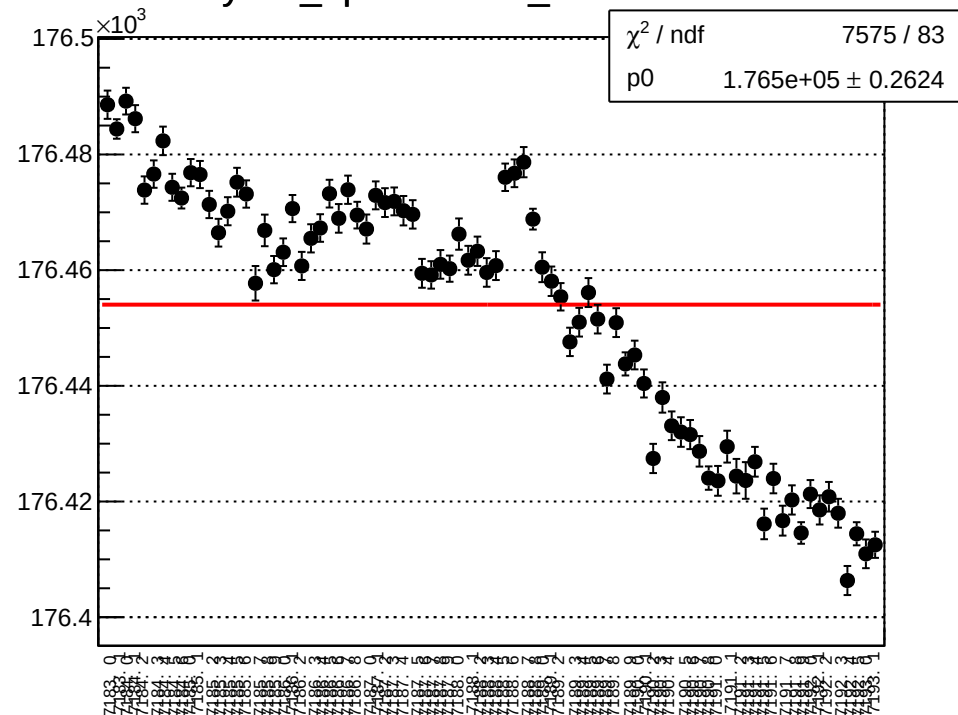
yield_bcm0l02_mean vs run



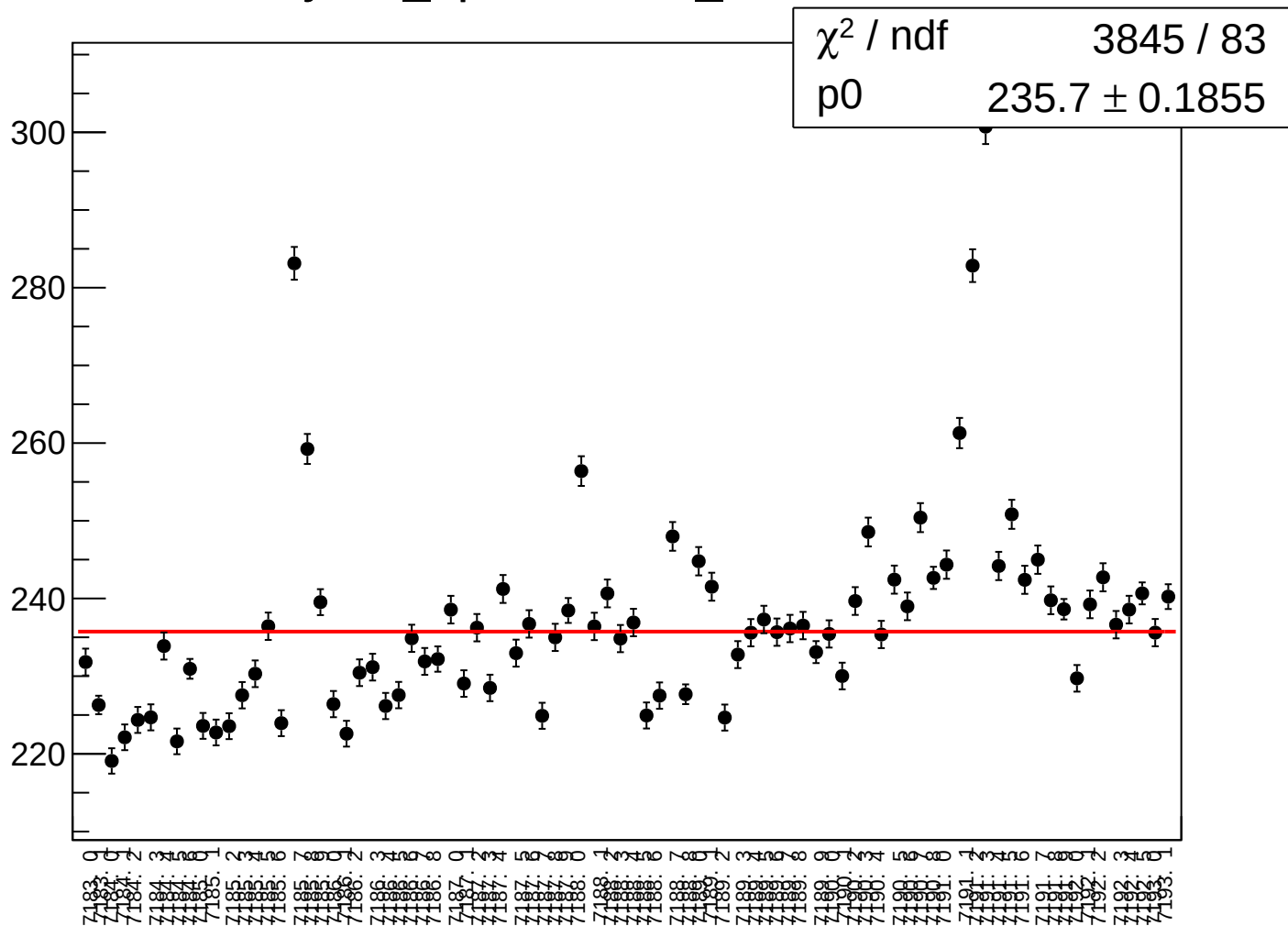
yield_bcm0l02_rms vs run



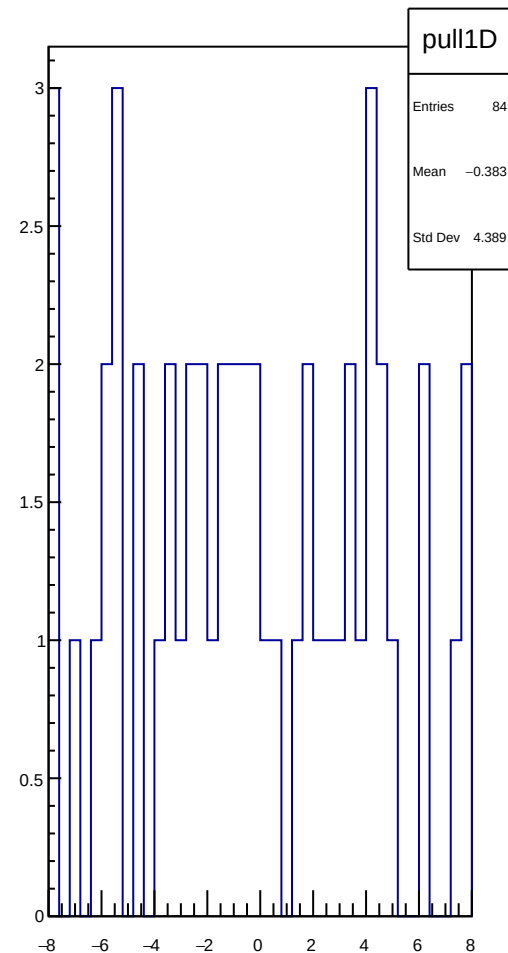
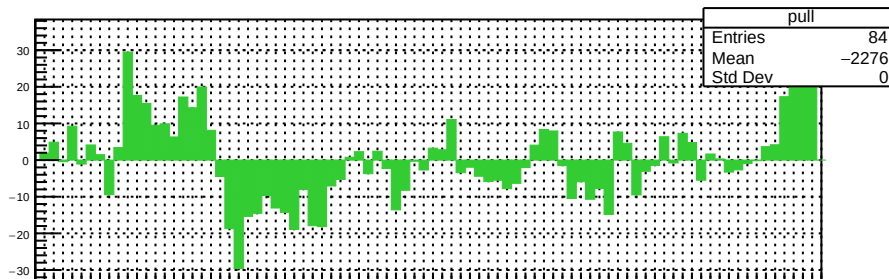
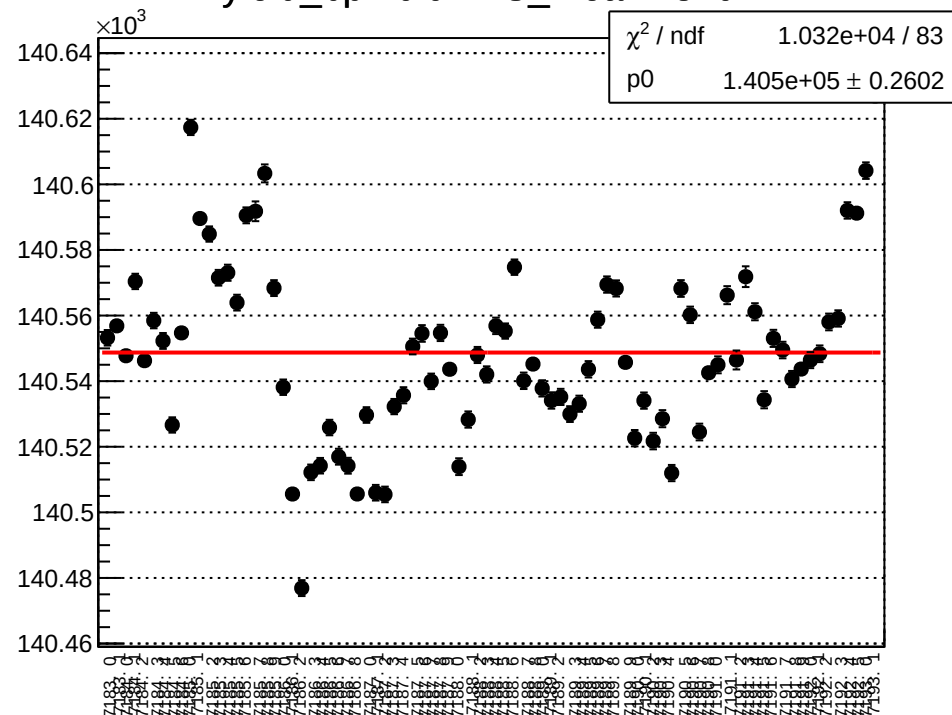
yield_bpm2i01WS_mean vs run



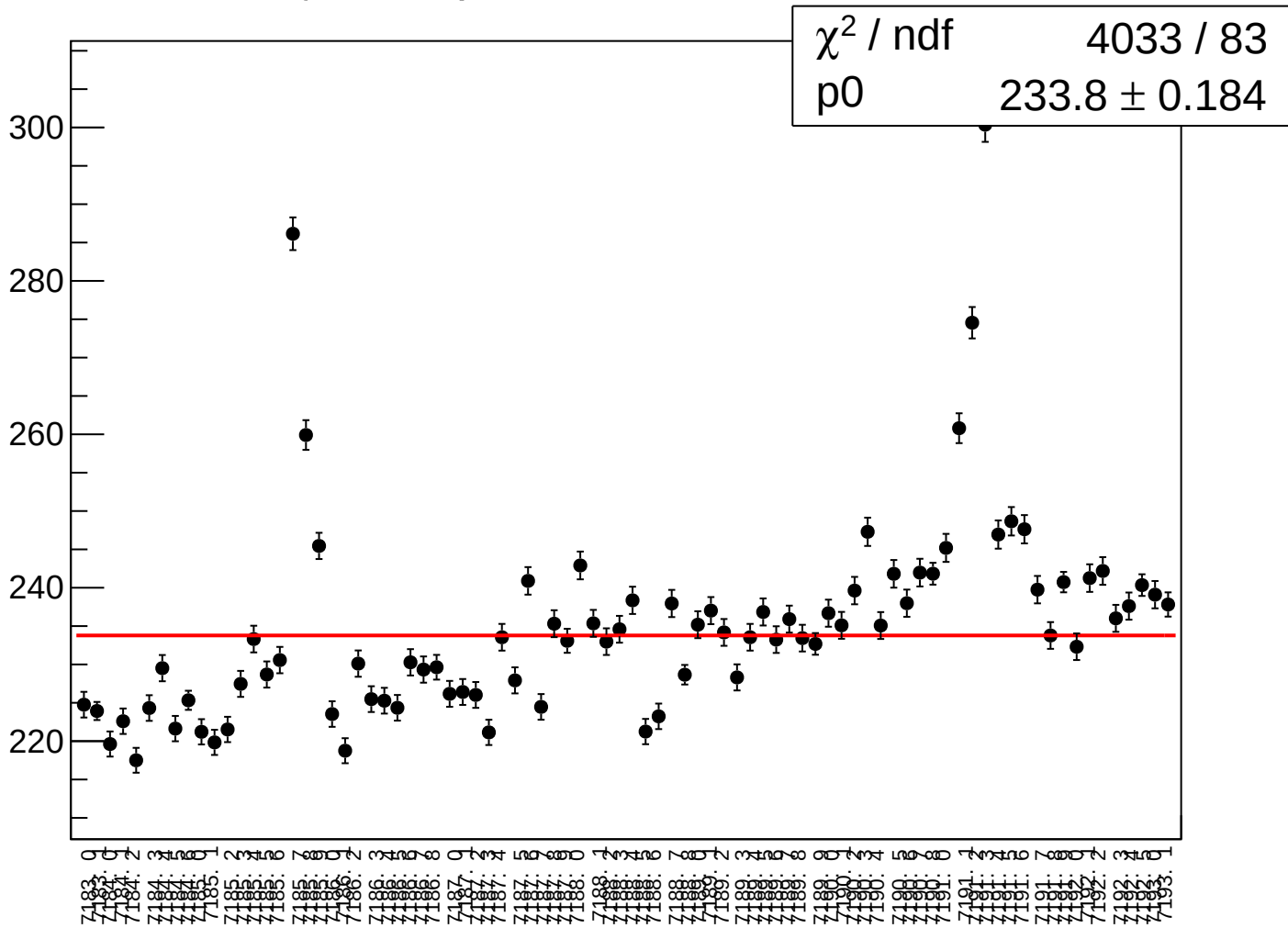
yield_bpm2i01WS_rms vs run



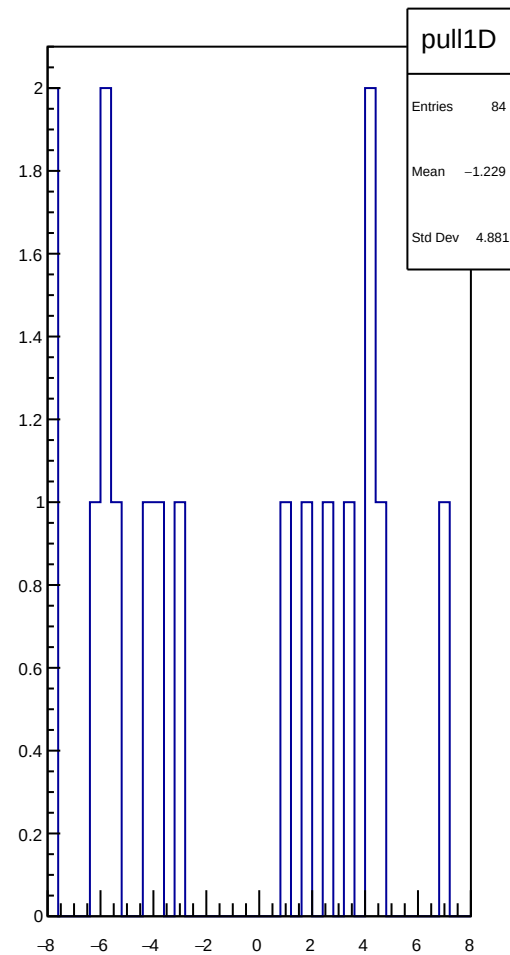
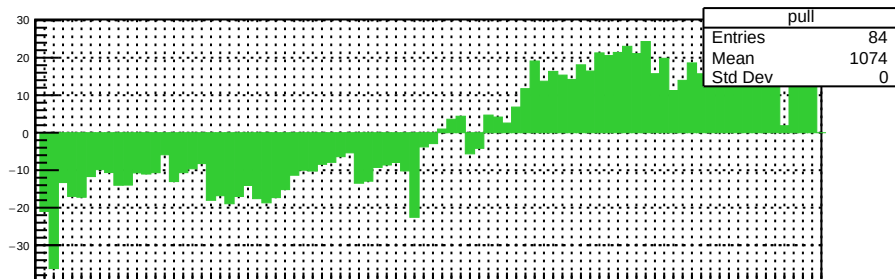
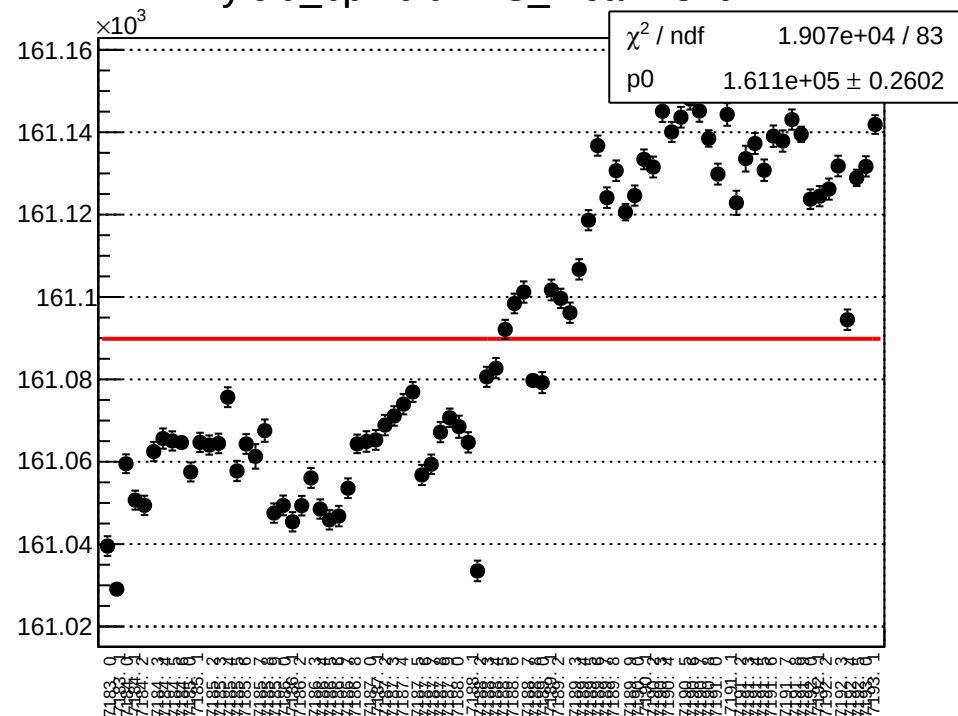
yield_bpm0i07WS_mean vs run



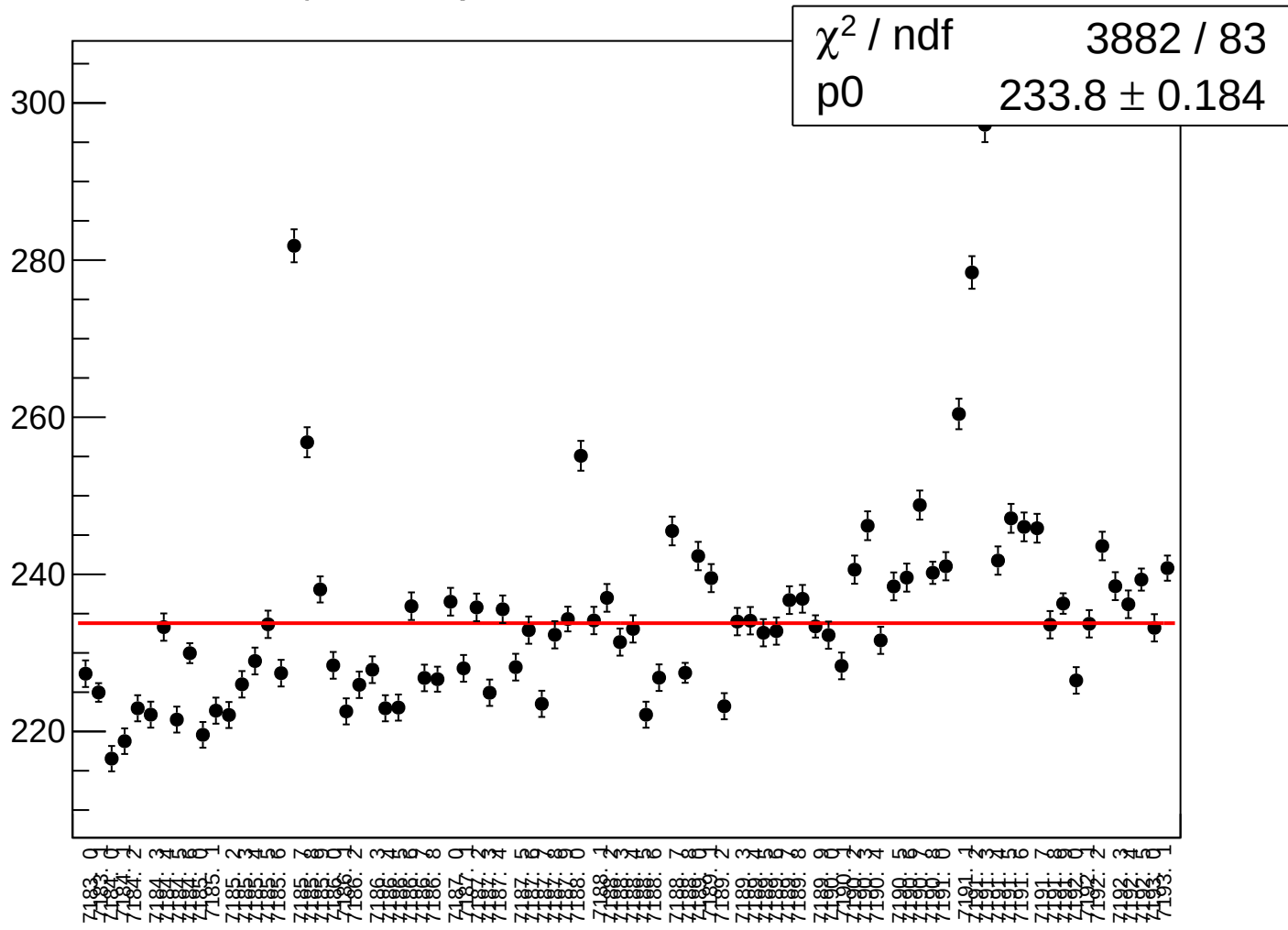
yield_bpm0i07WS_rms vs run



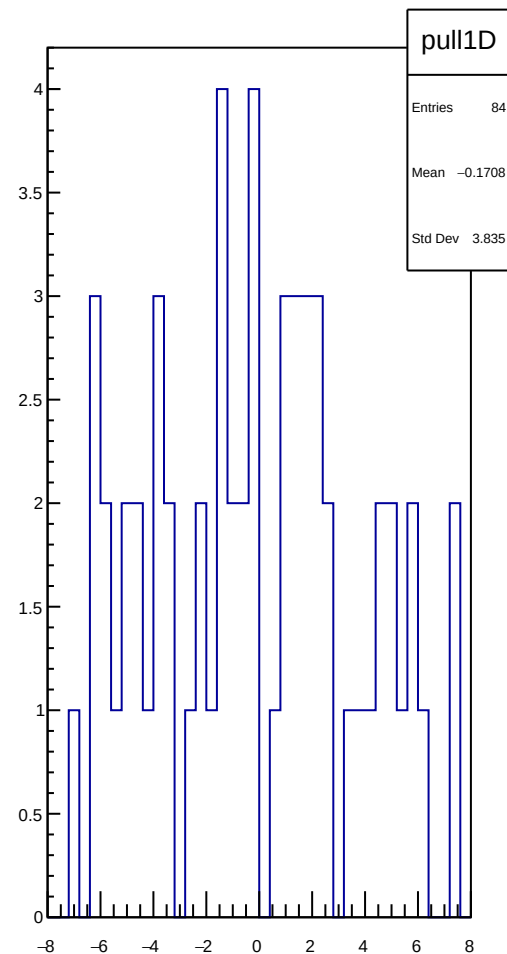
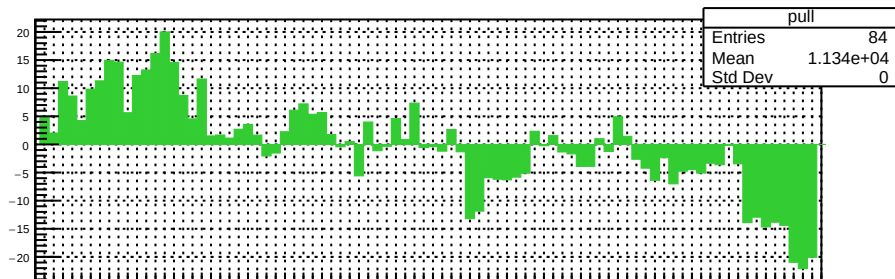
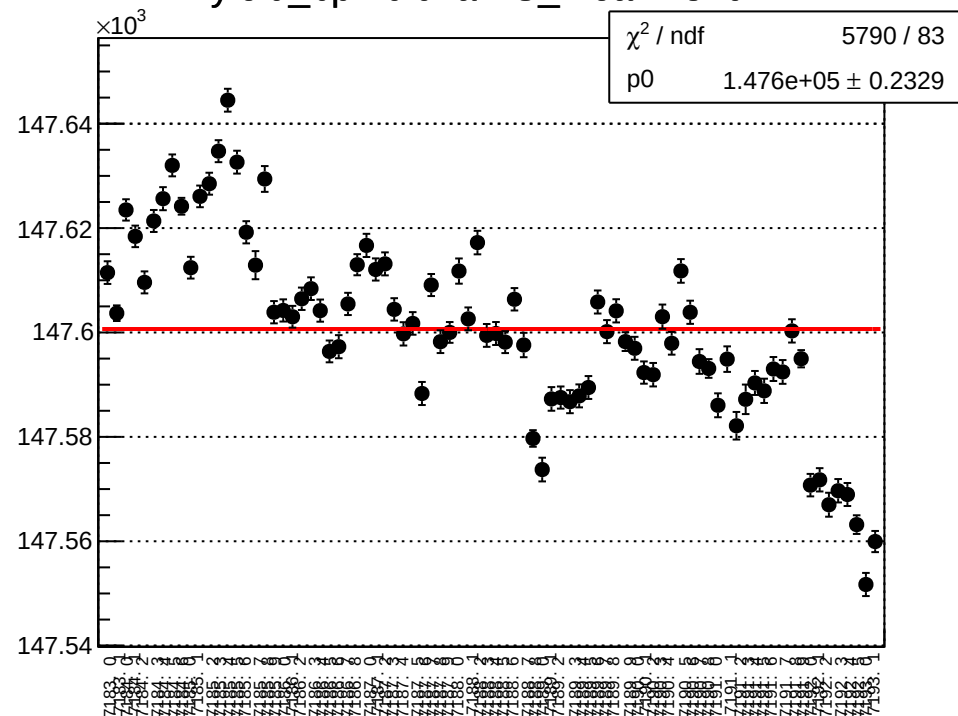
yield_bpm0i01WS_mean vs run



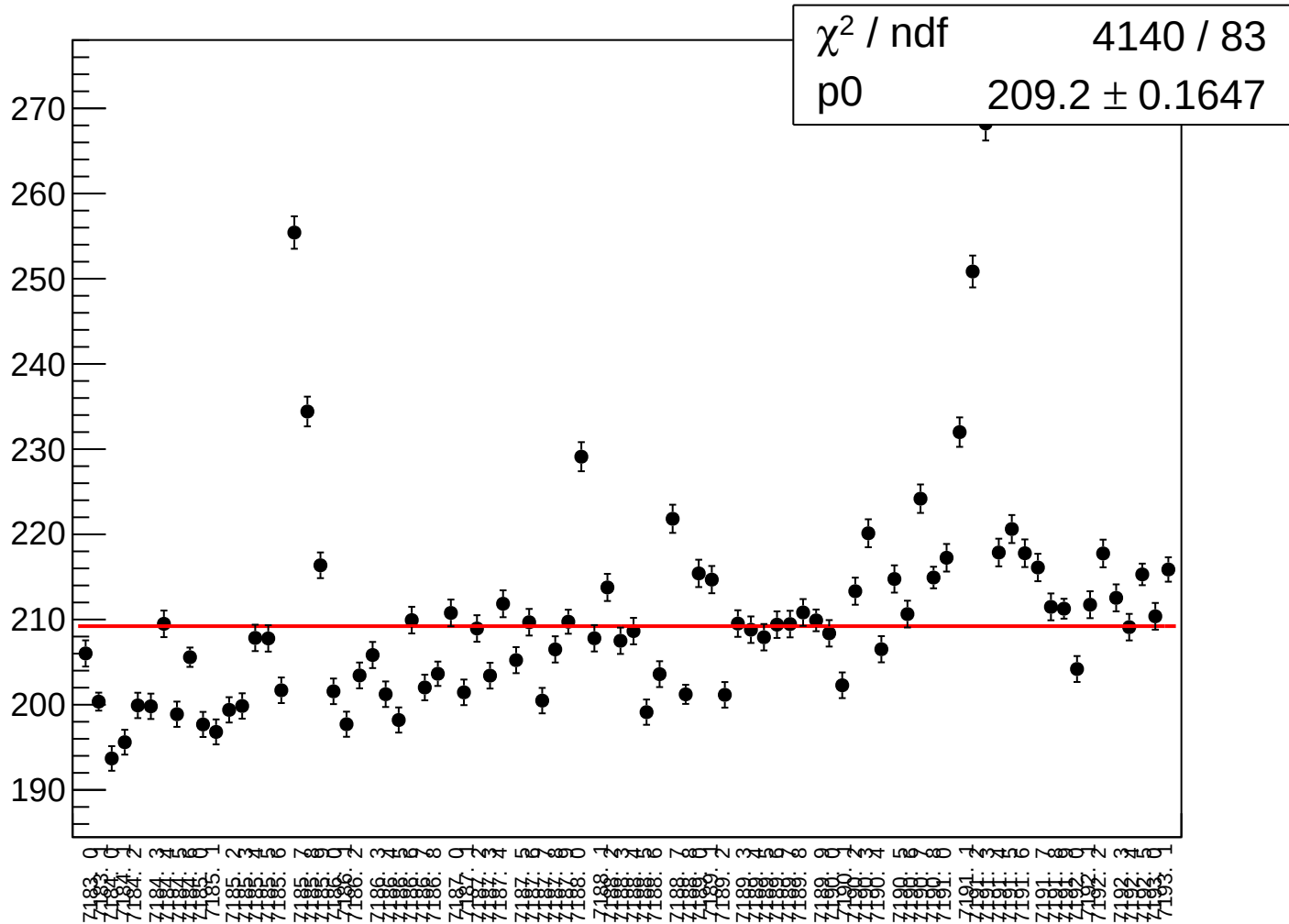
yield_bpm0i01WS_rms vs run



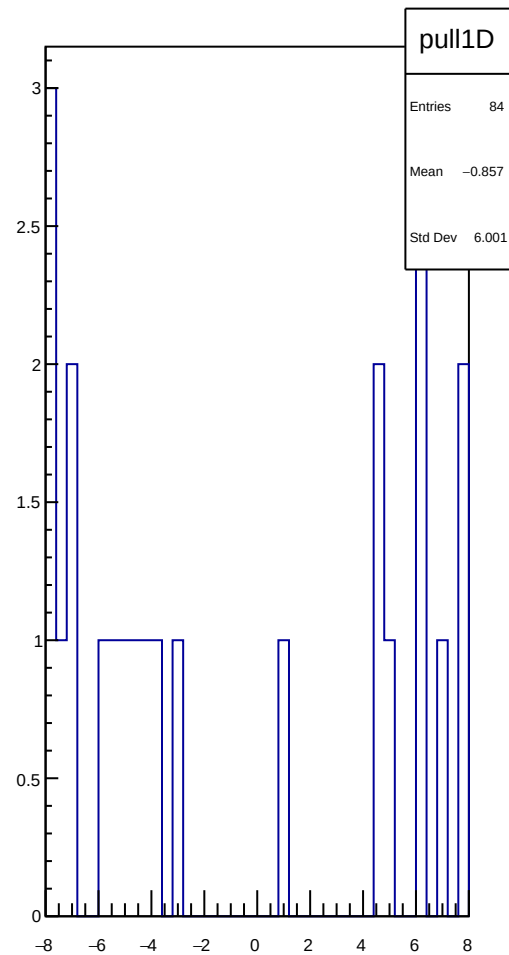
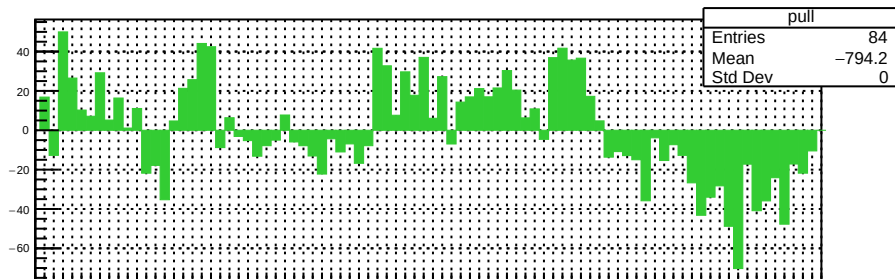
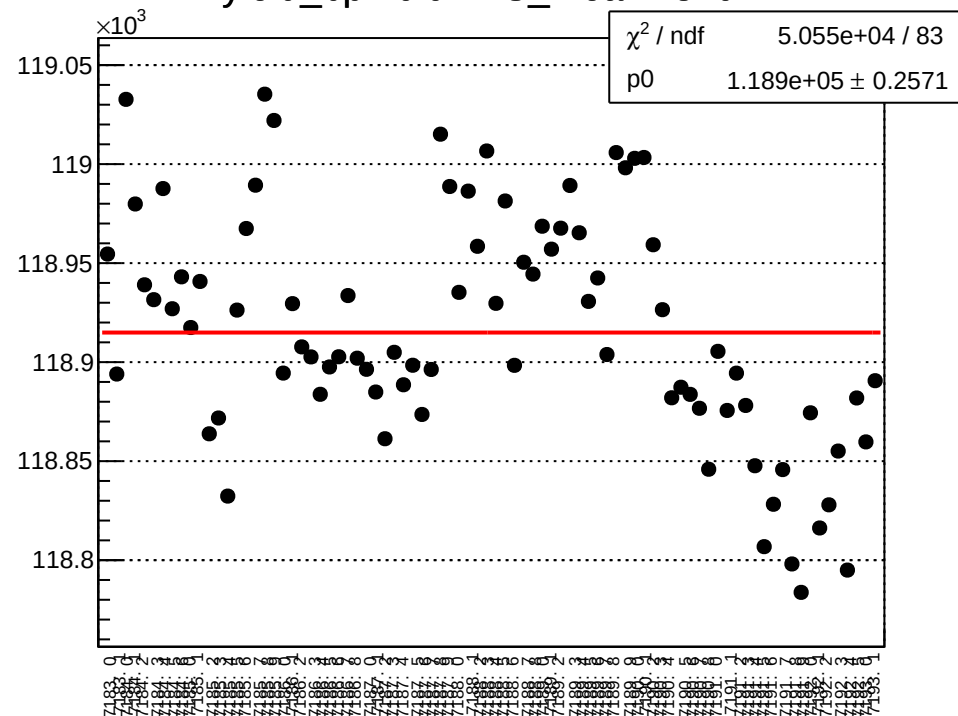
yield_bpm0i01aWS_mean vs run



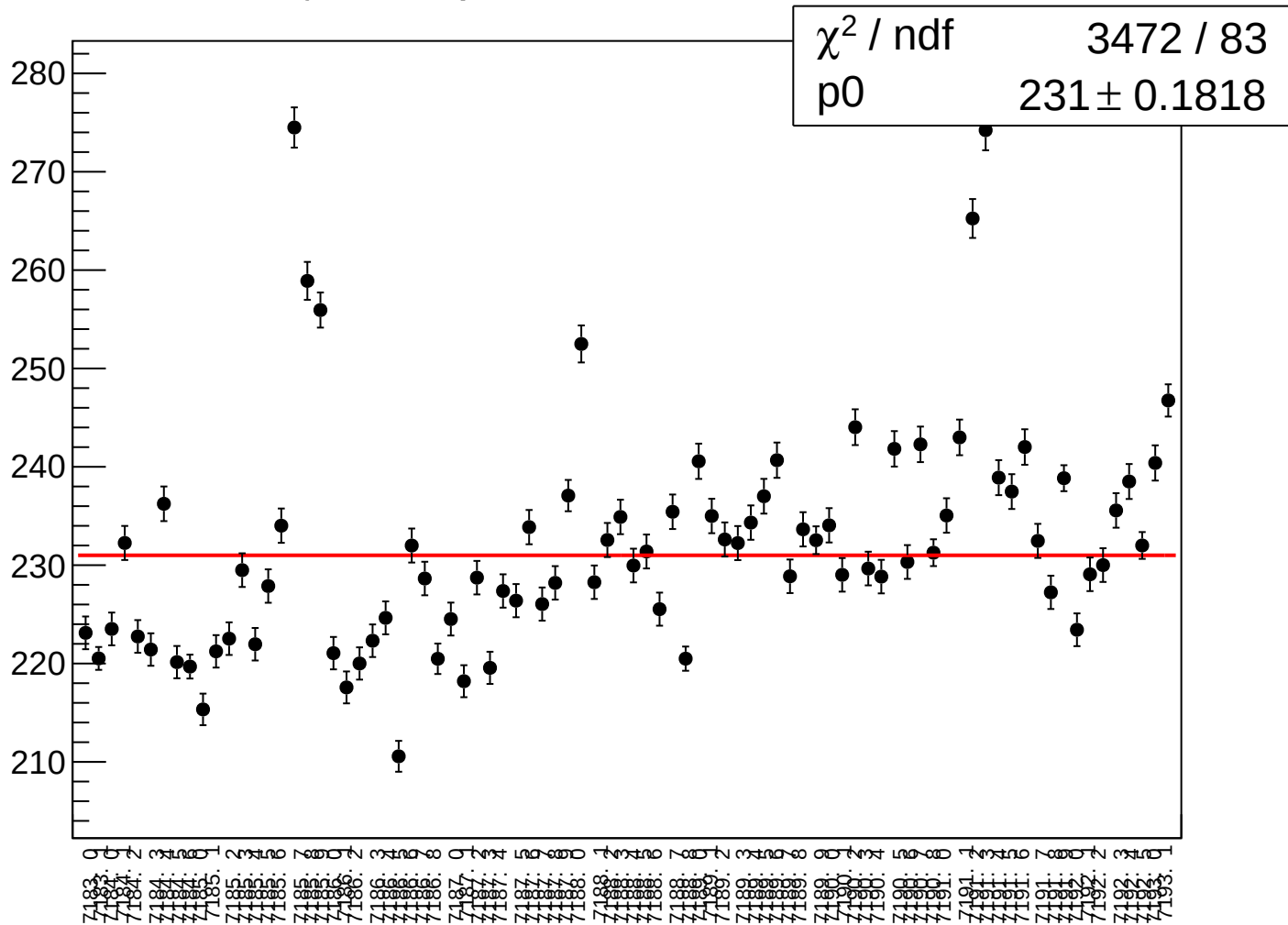
yield_bpm0i01aWS_rms vs run



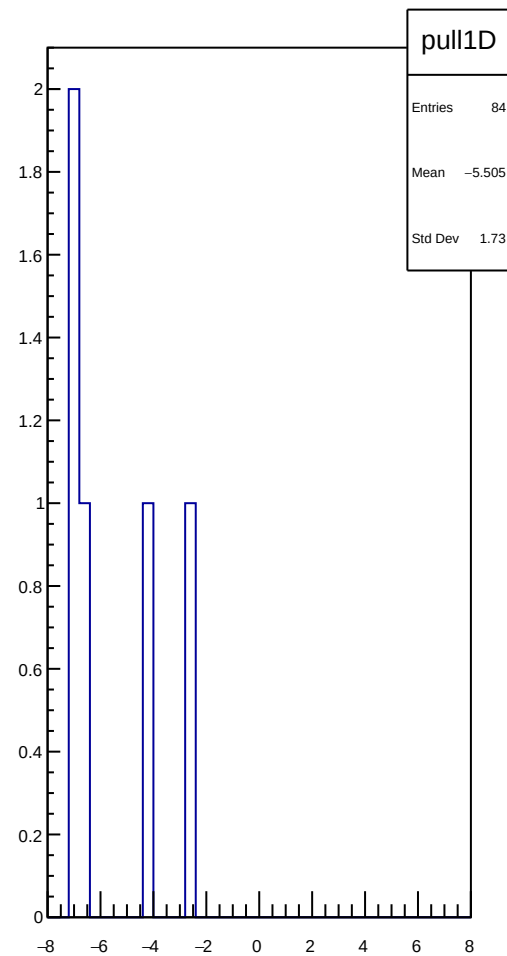
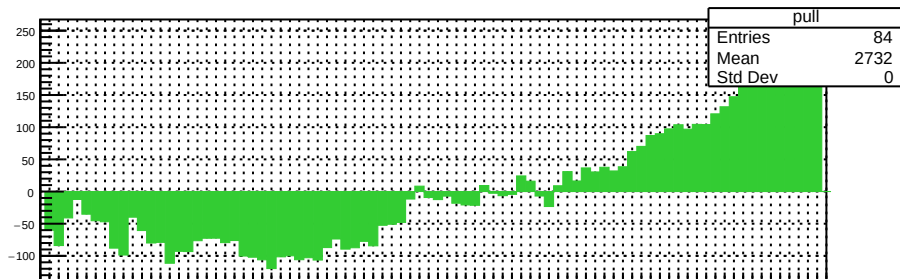
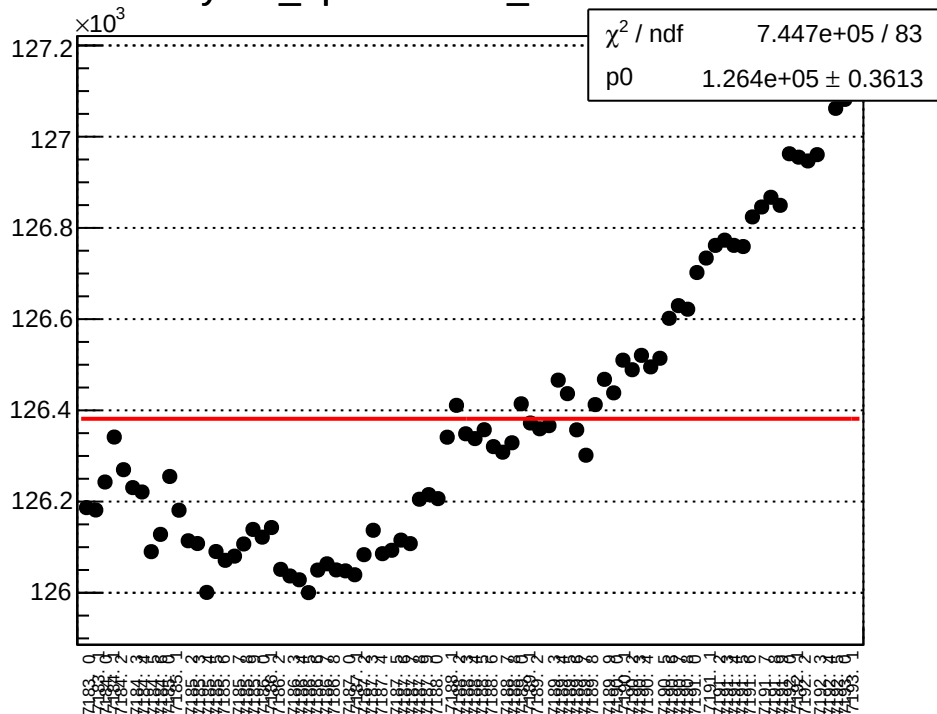
yield_bpm0l01WS_mean vs run



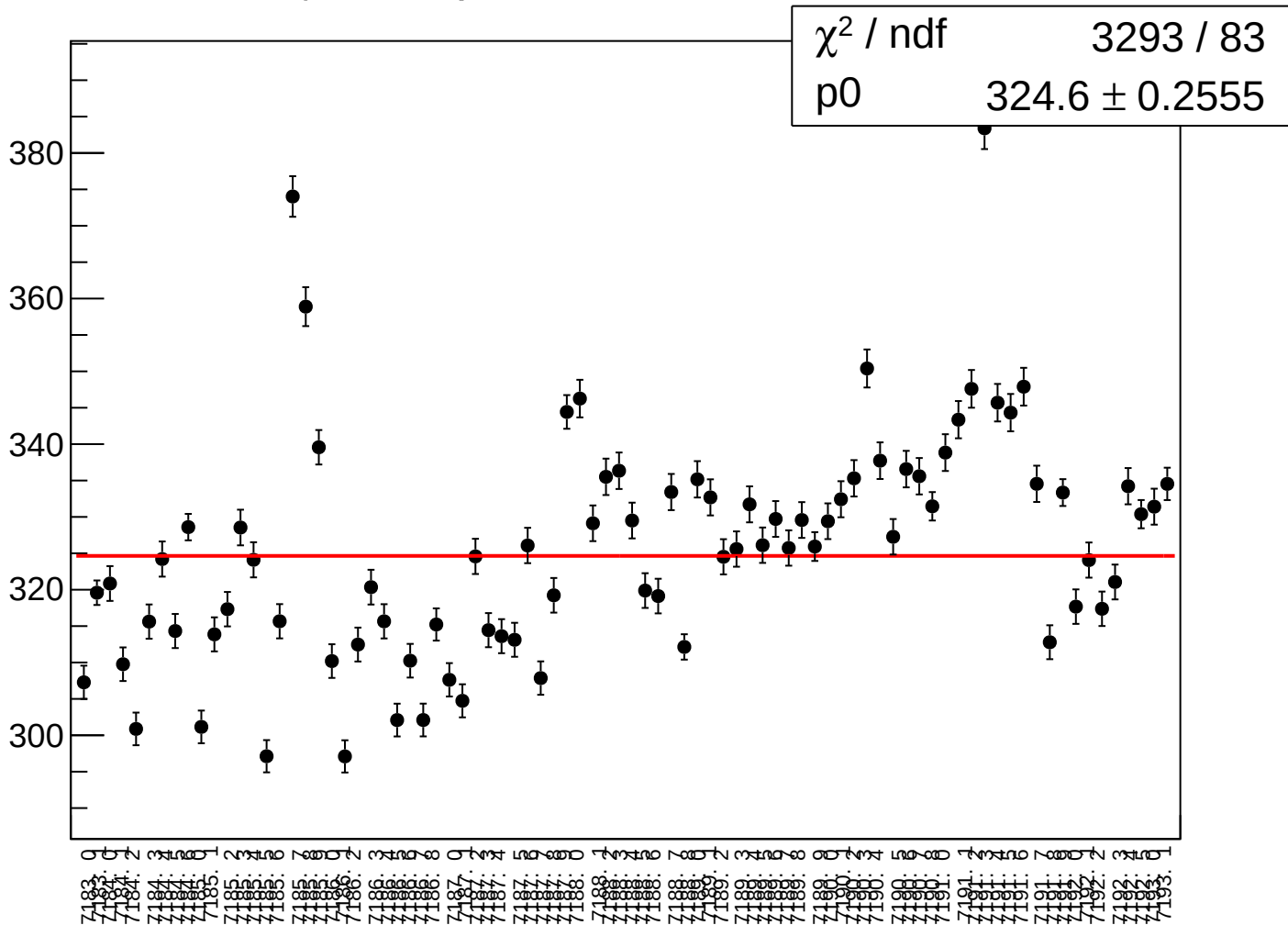
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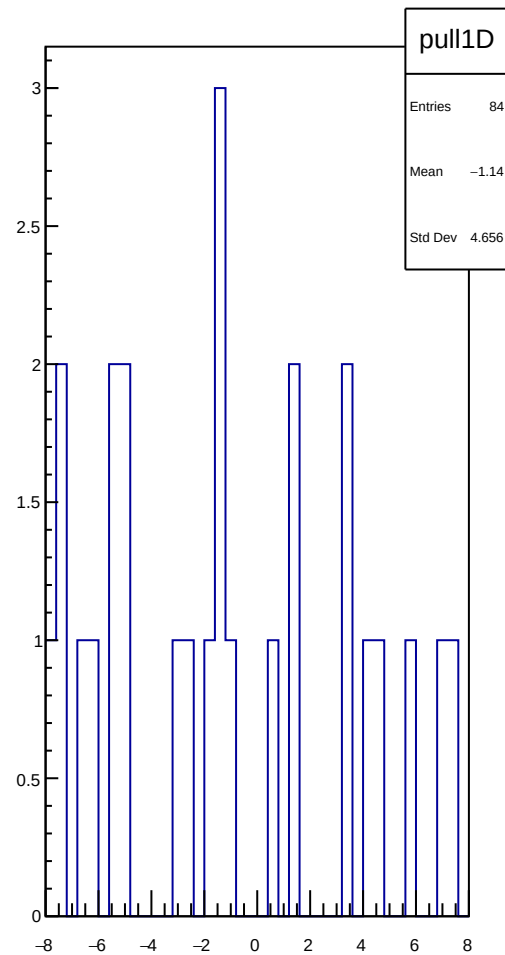
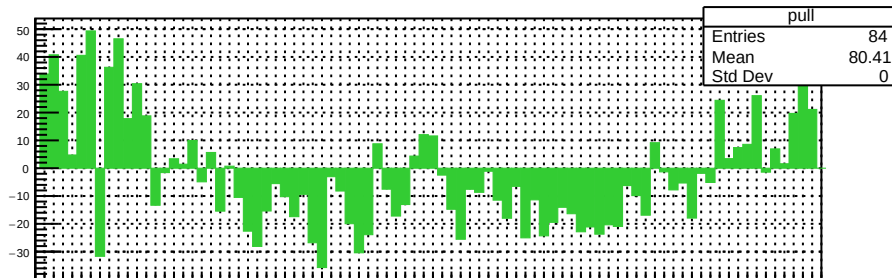
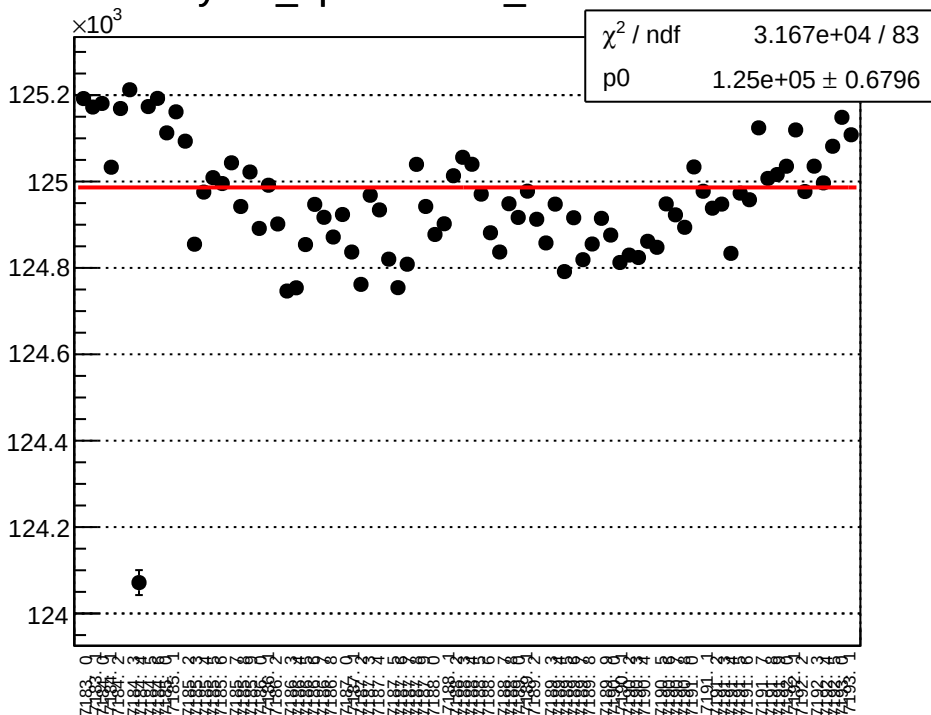
yield_bpm0l02WS_mean vs run



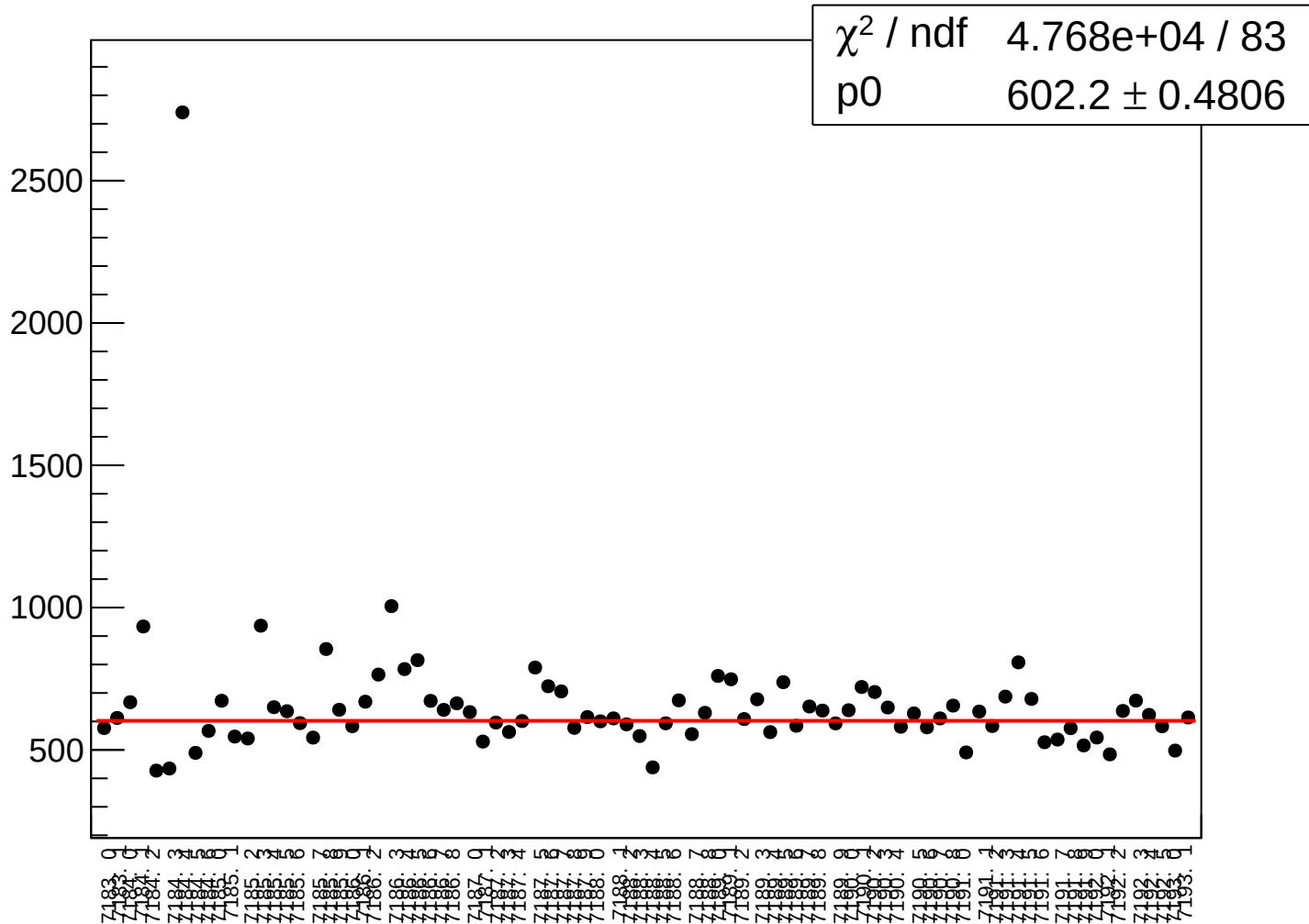
yield_bpm0l02WS_rms vs run



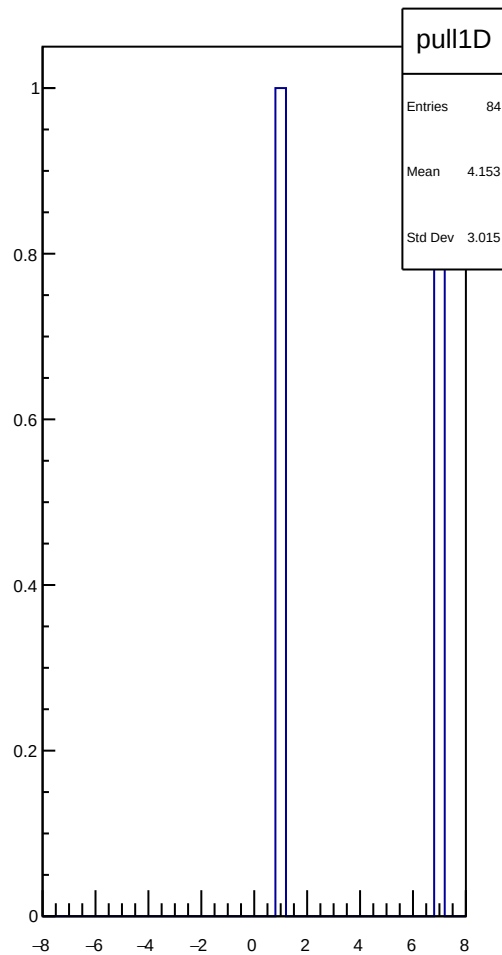
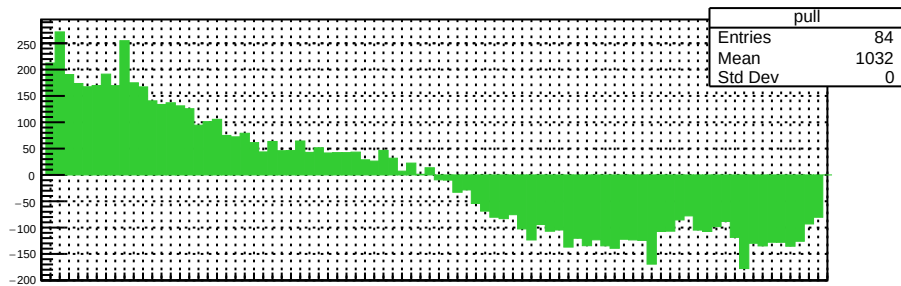
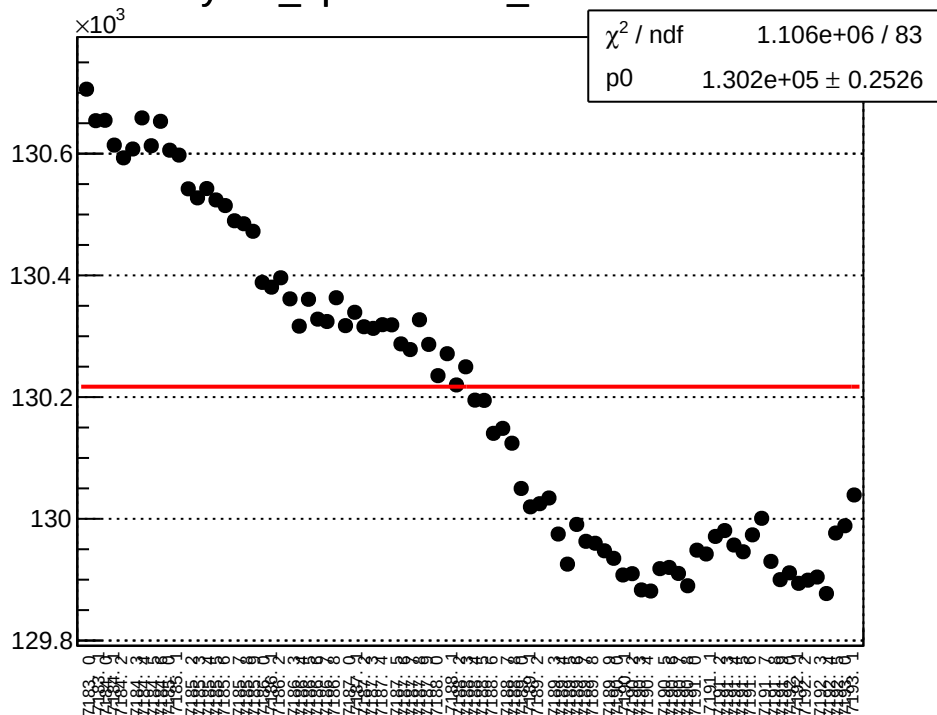
yield_bpm0l03WS_mean vs run



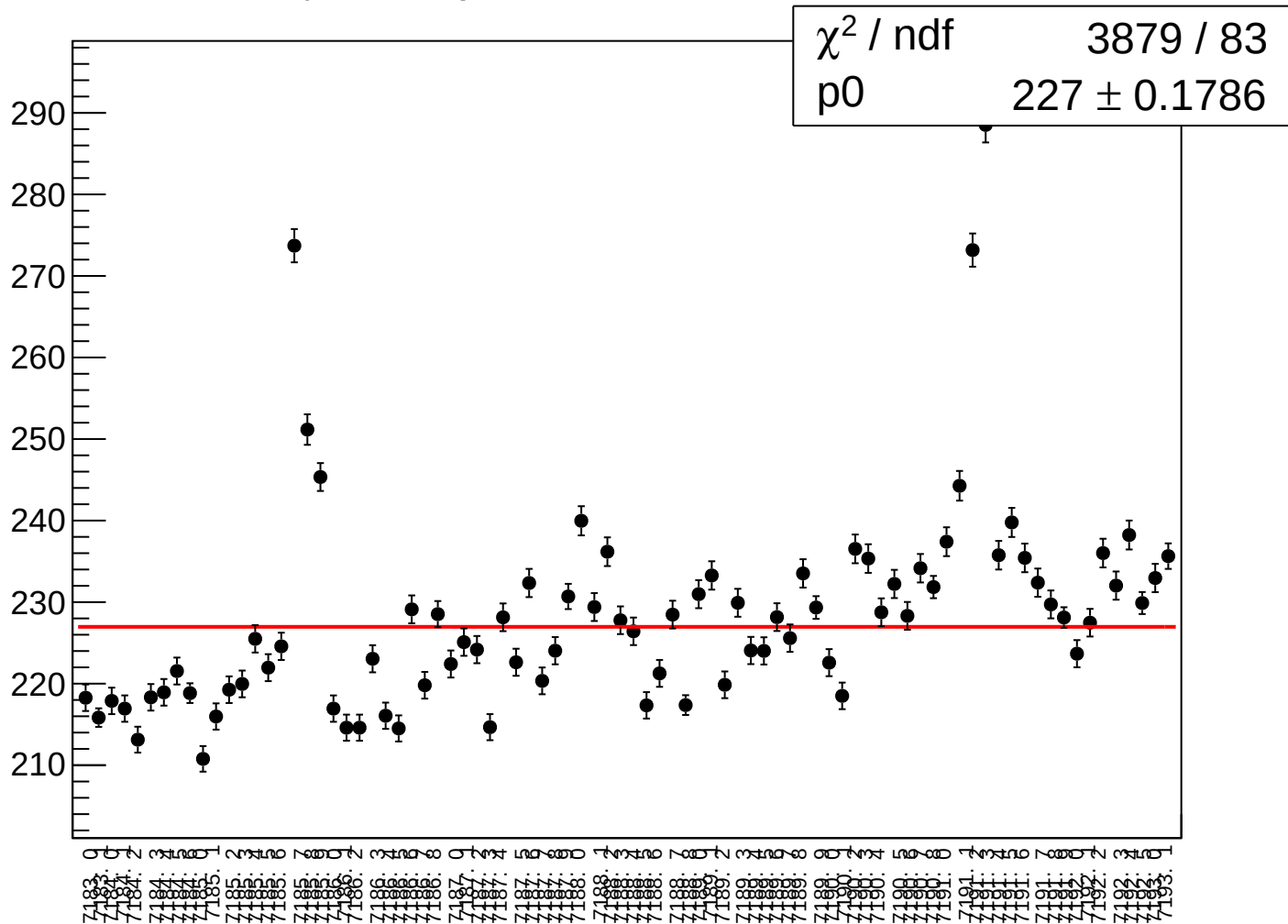
yield_bpm0l03WS_rms vs run



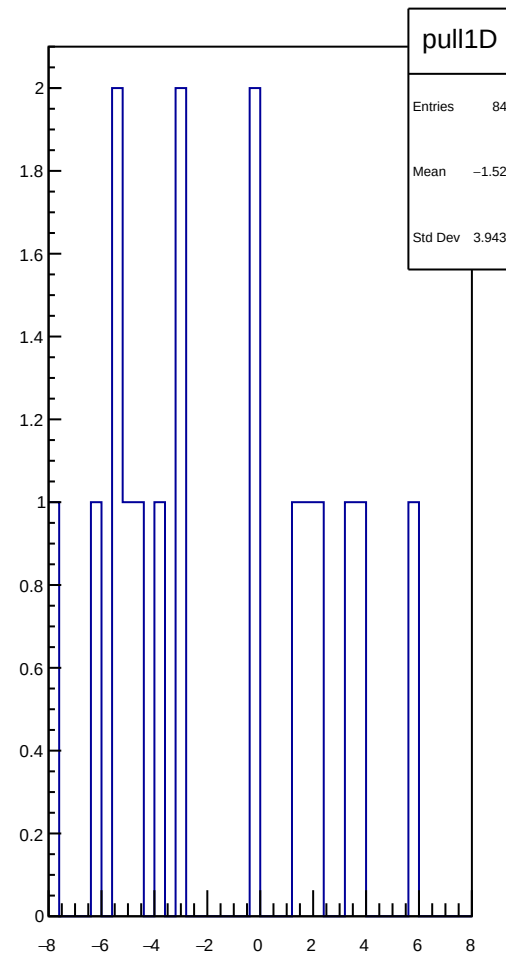
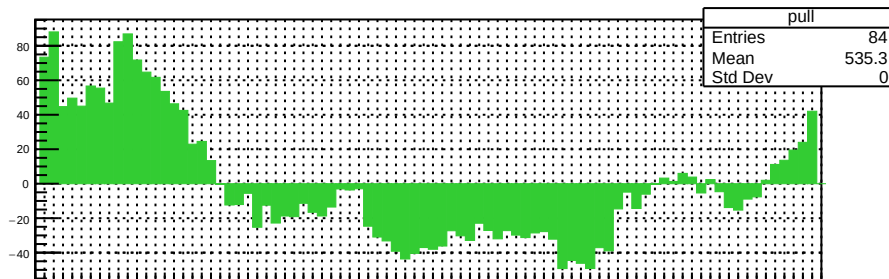
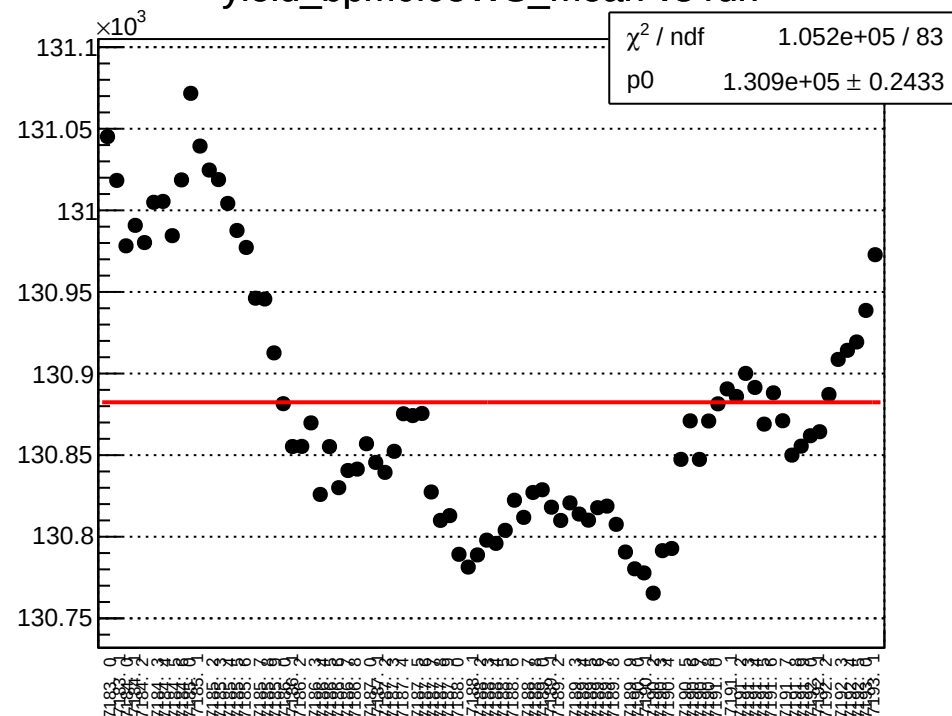
yield_bpm0l04WS_mean vs run



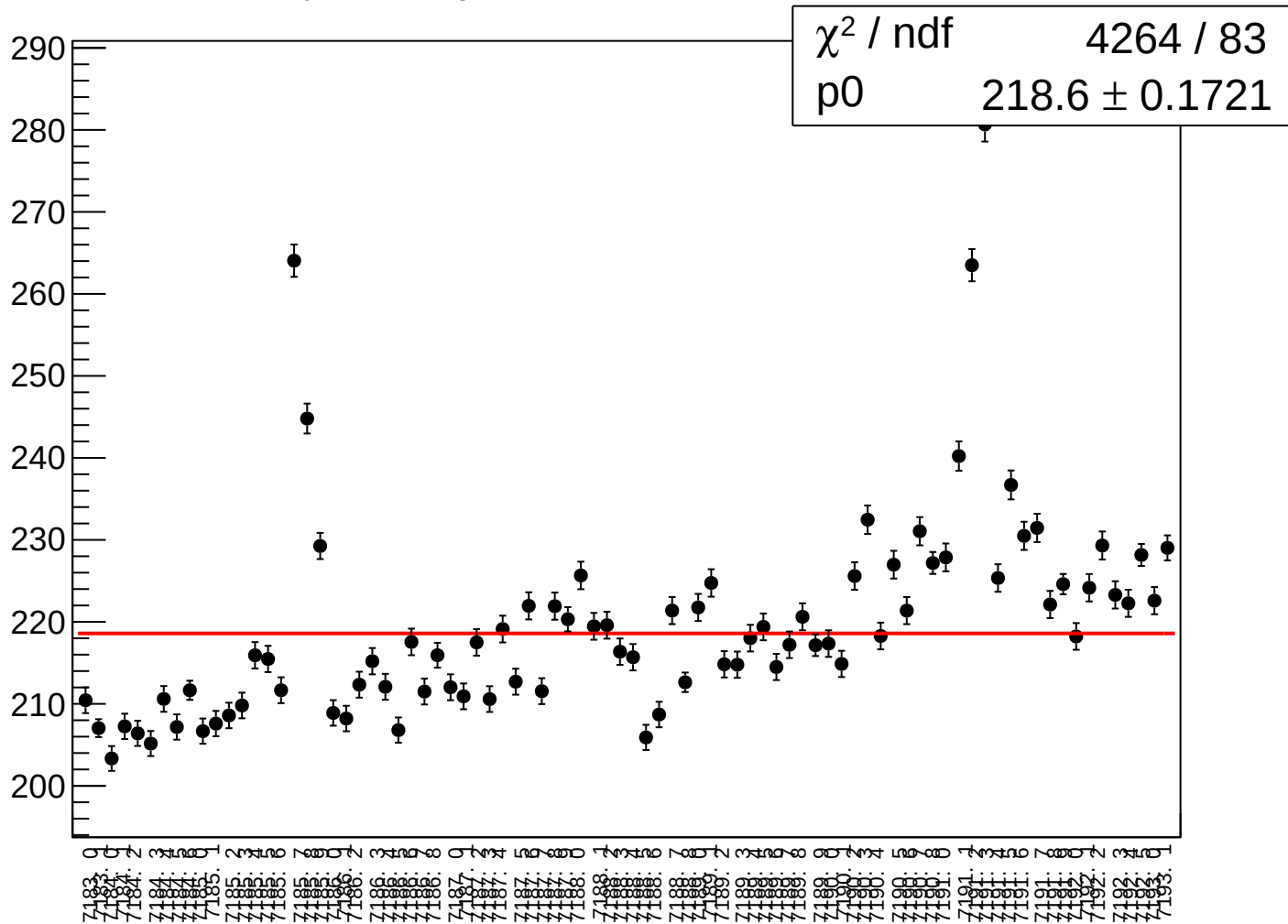
yield_bpm0l04WS_rms vs run



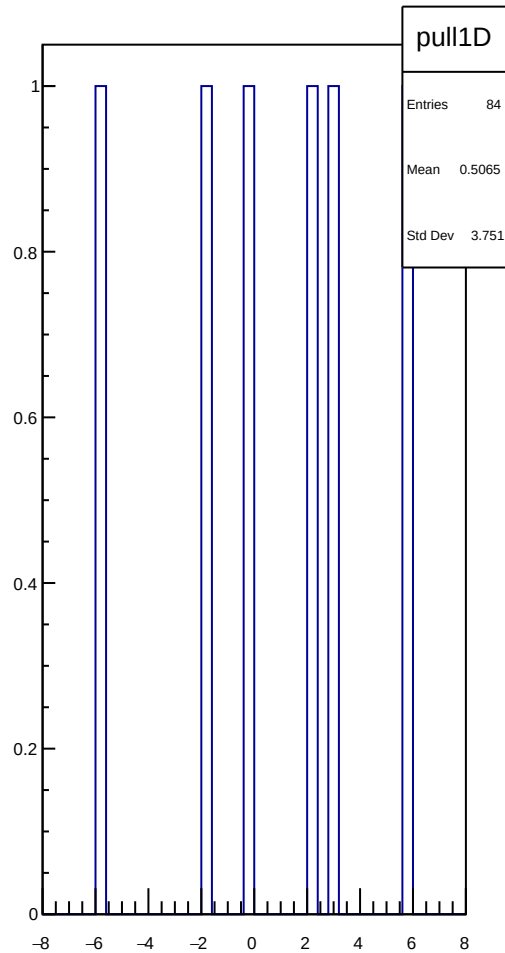
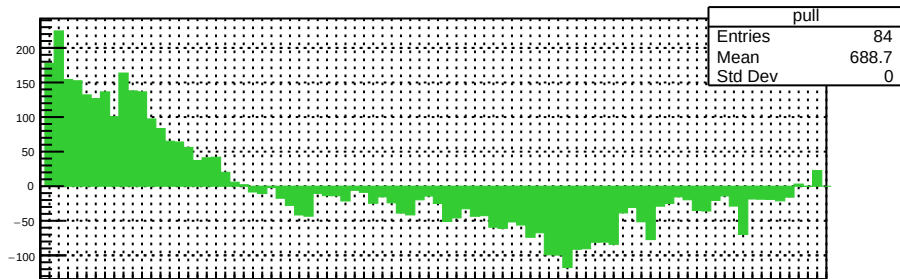
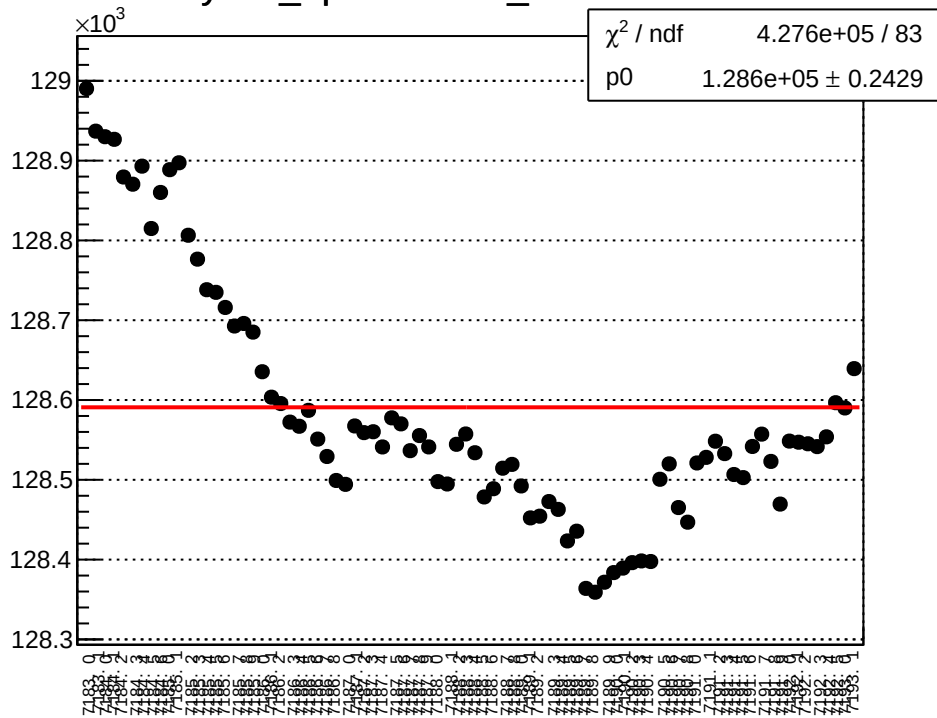
yield_bpm0105WS_mean vs run



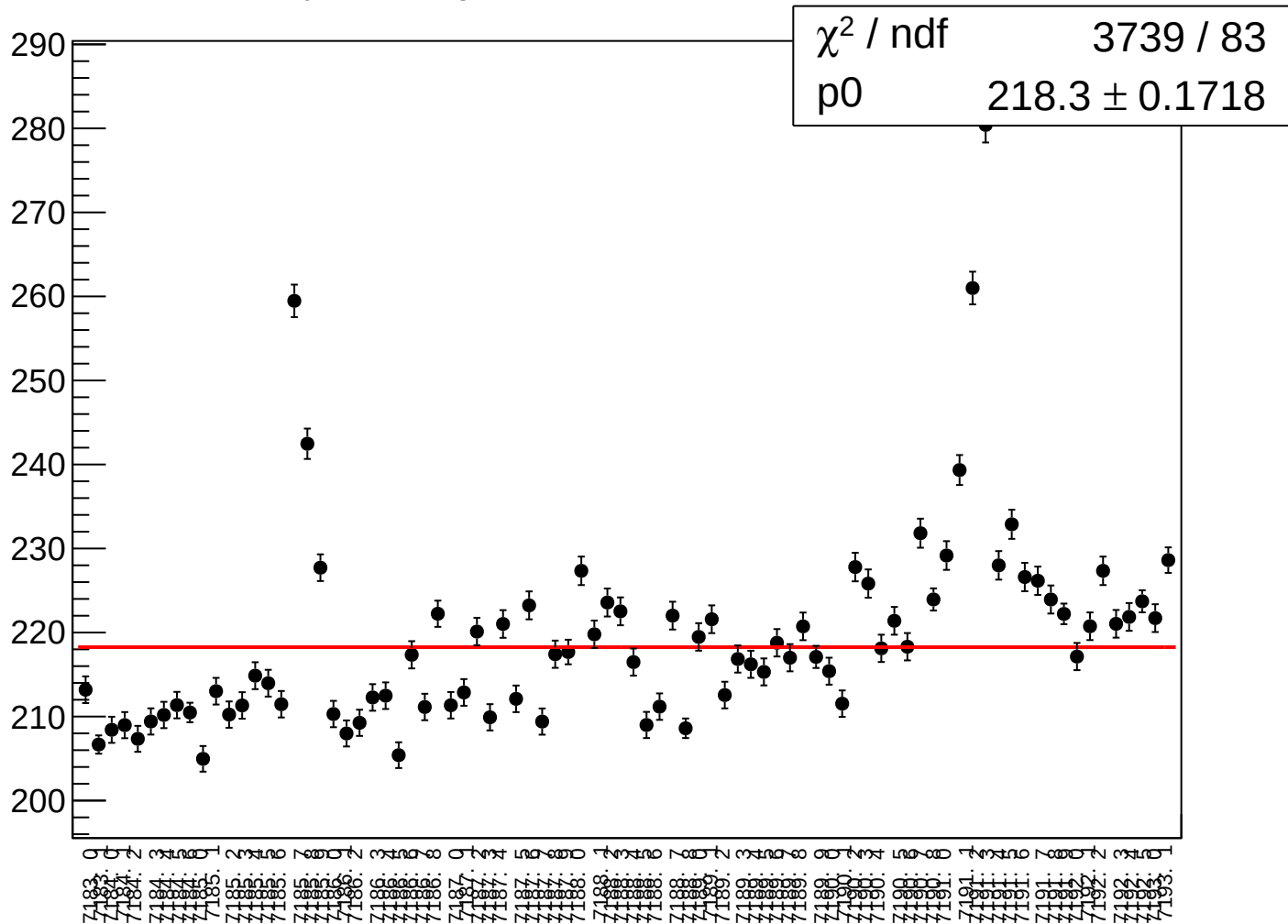
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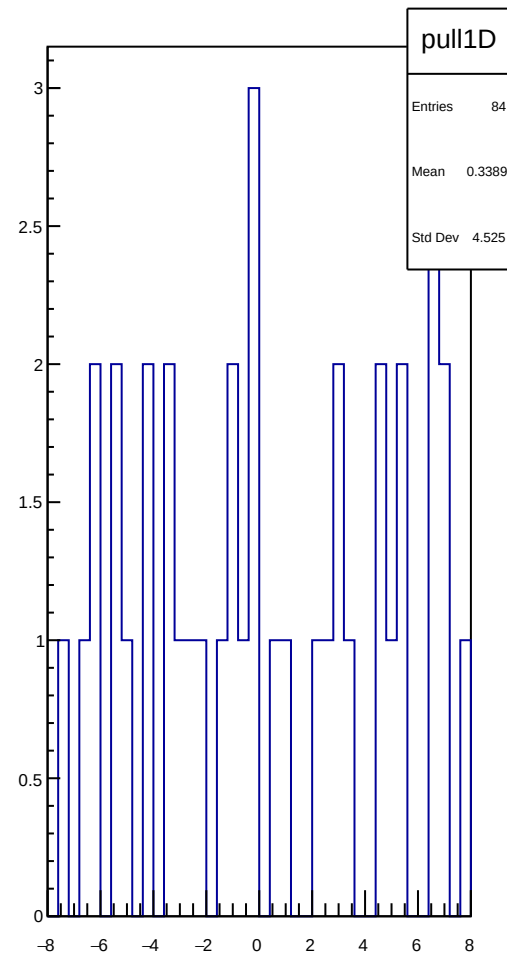
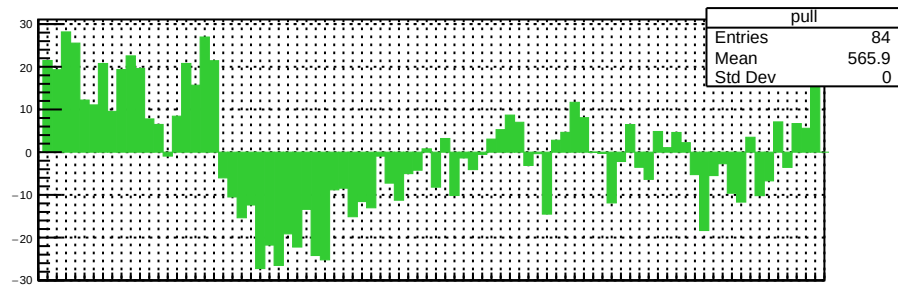
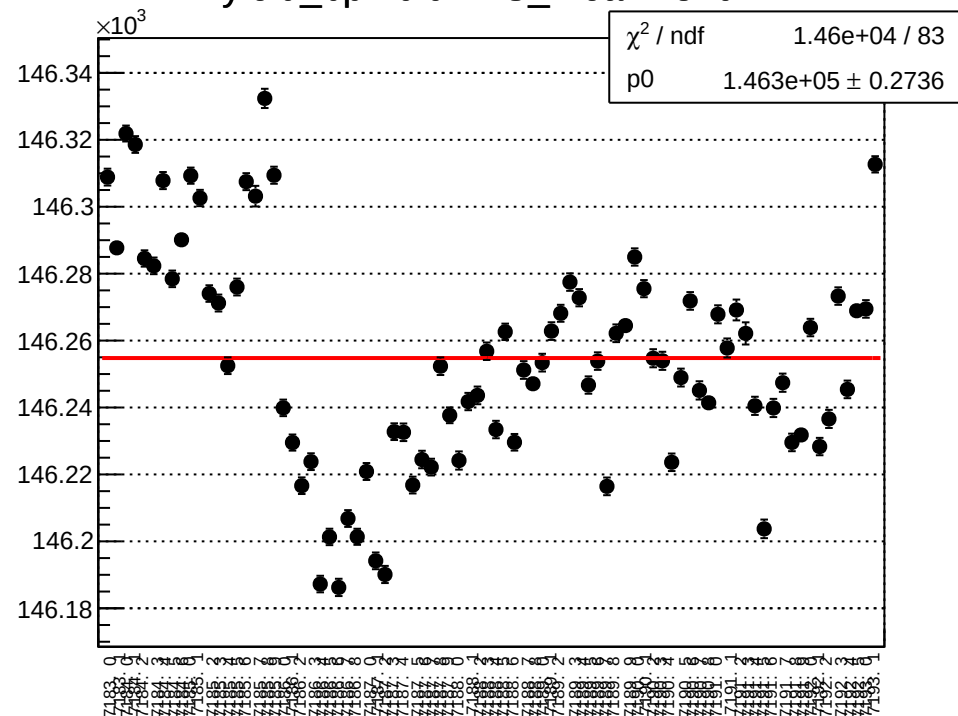
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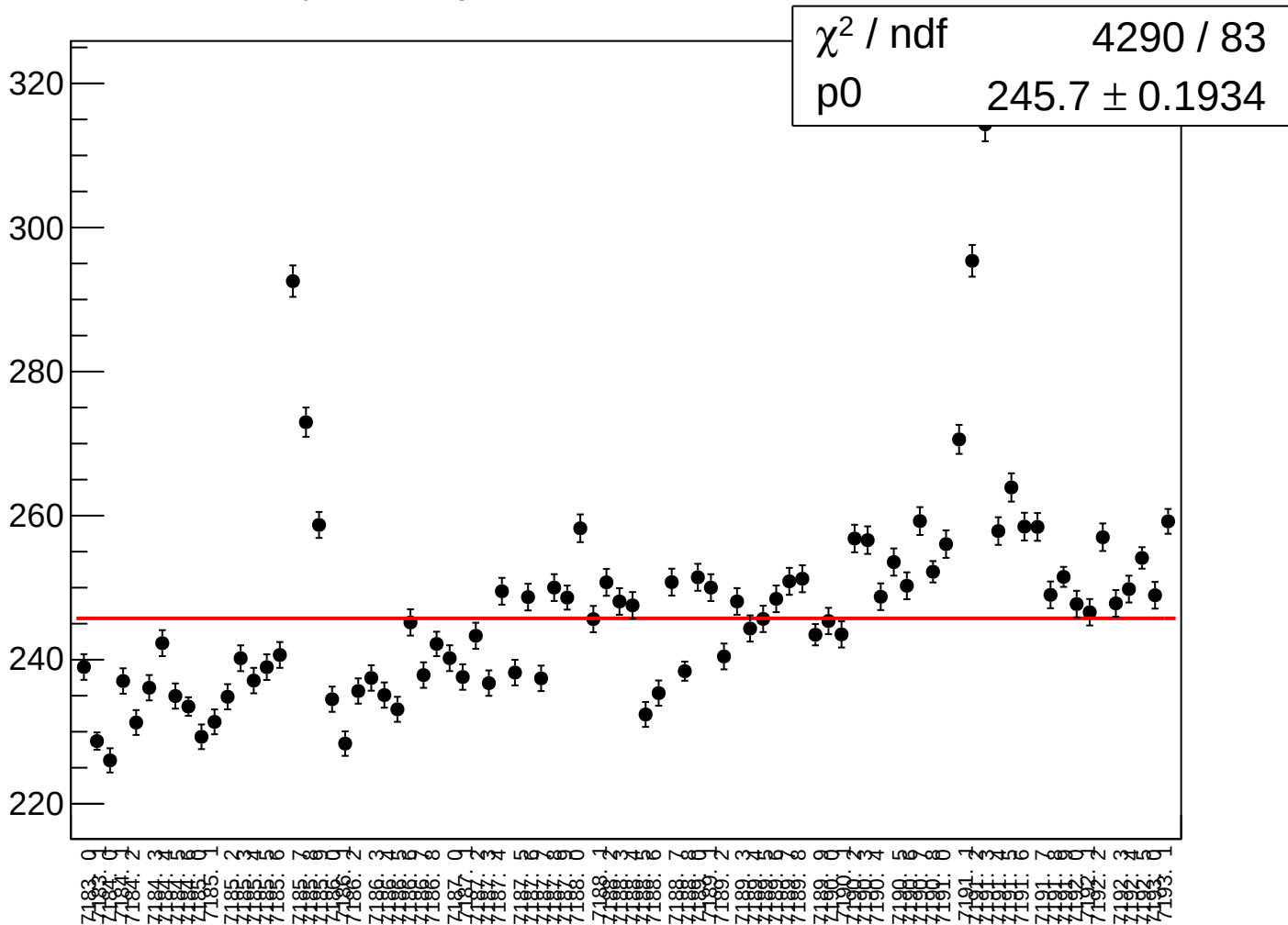
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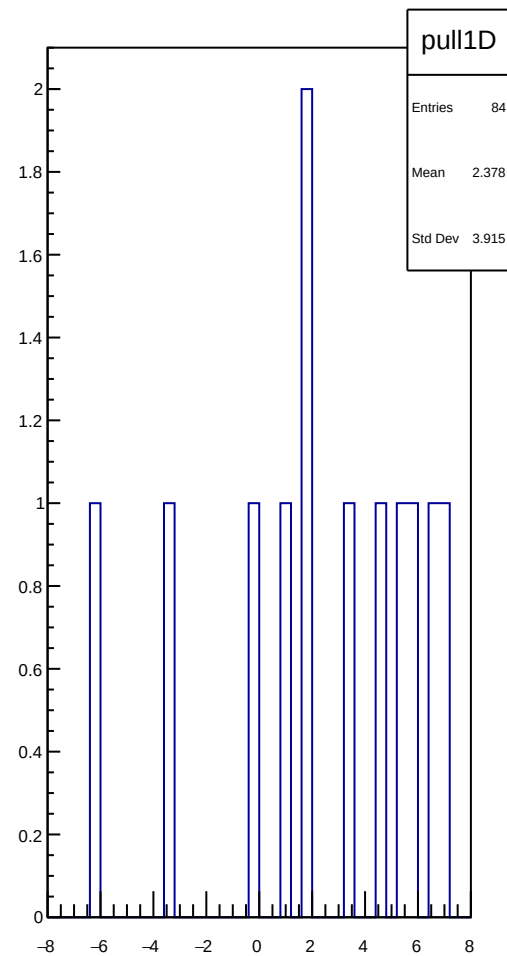
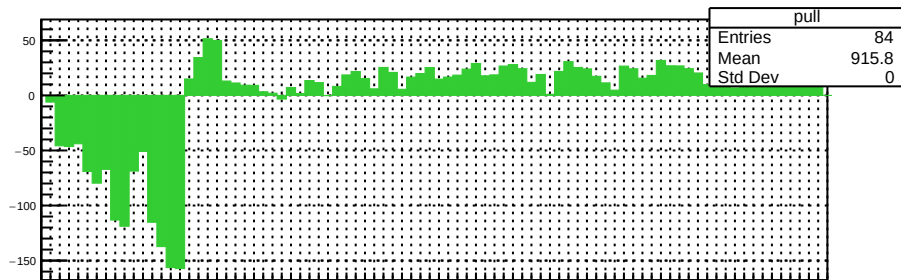
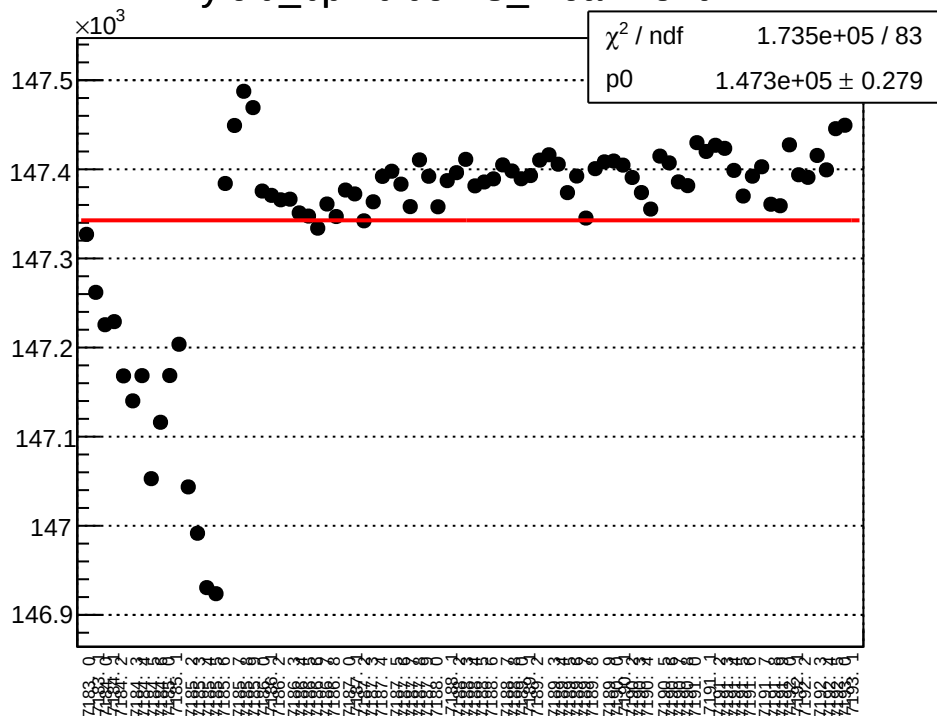
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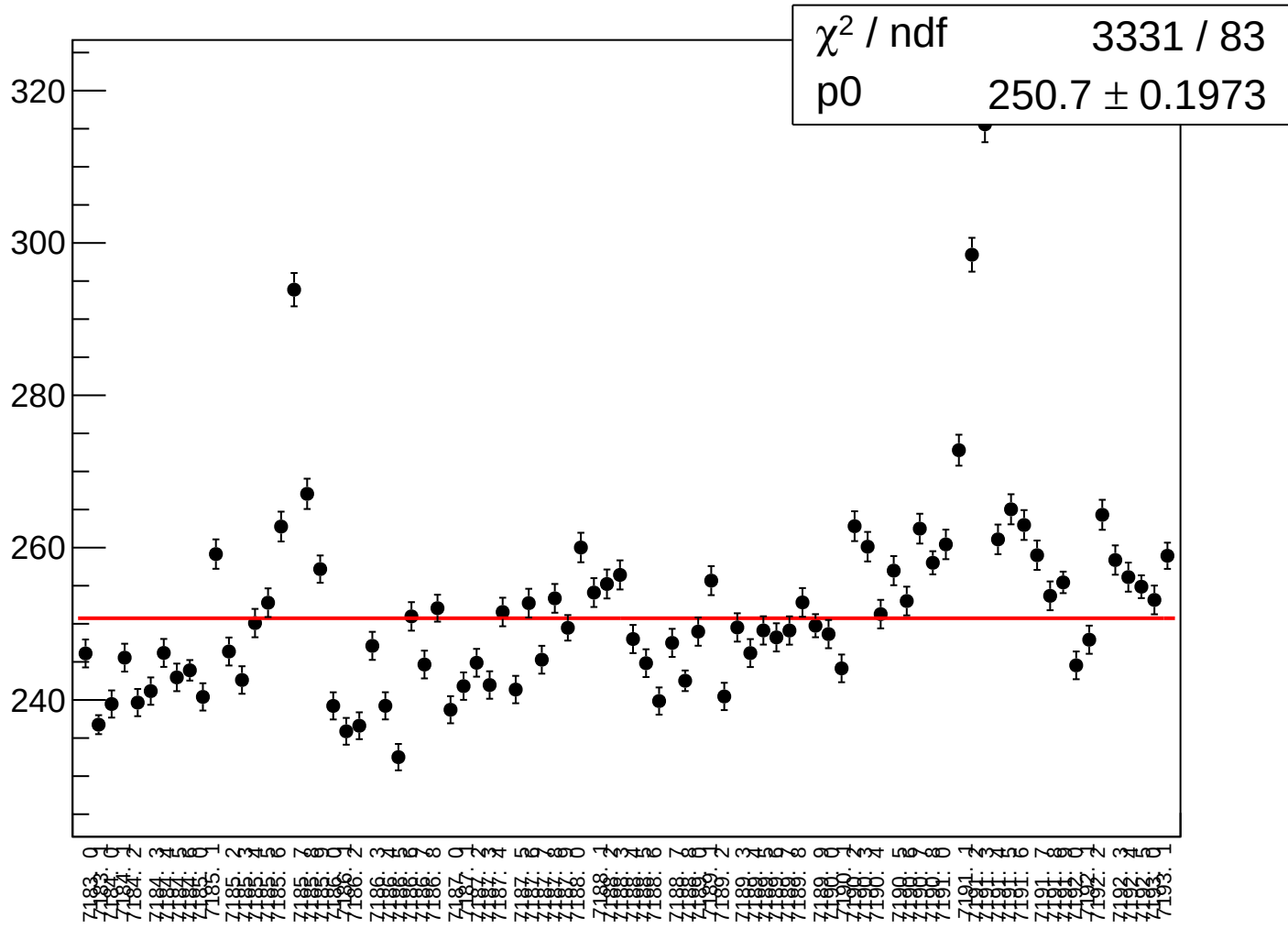
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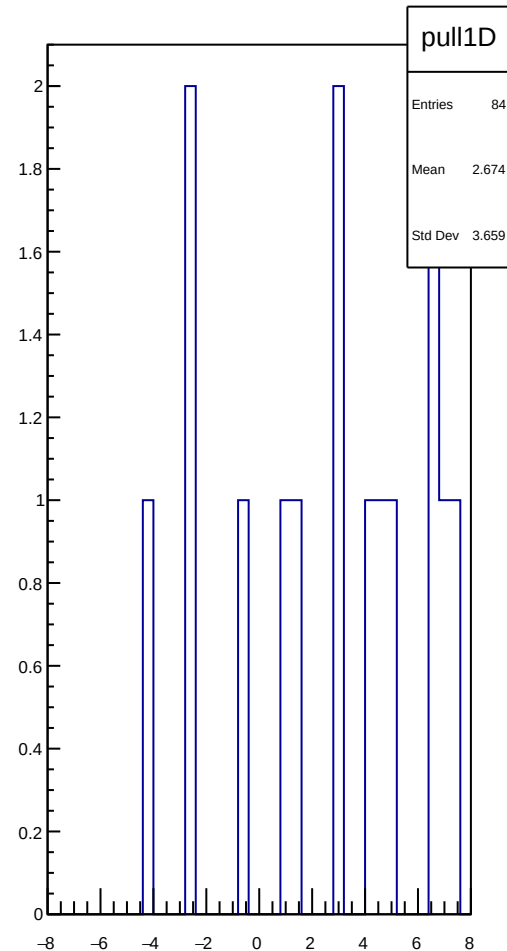
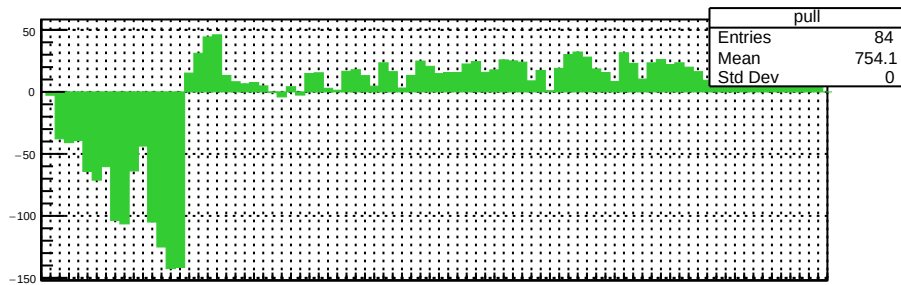
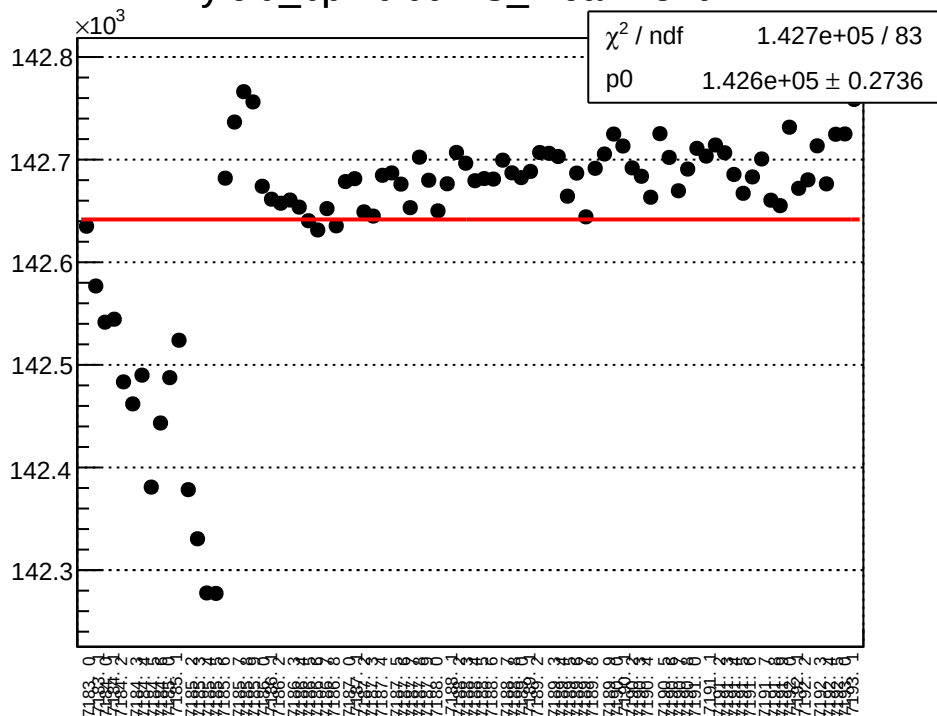
yield_bpm0l08WS_mean vs run



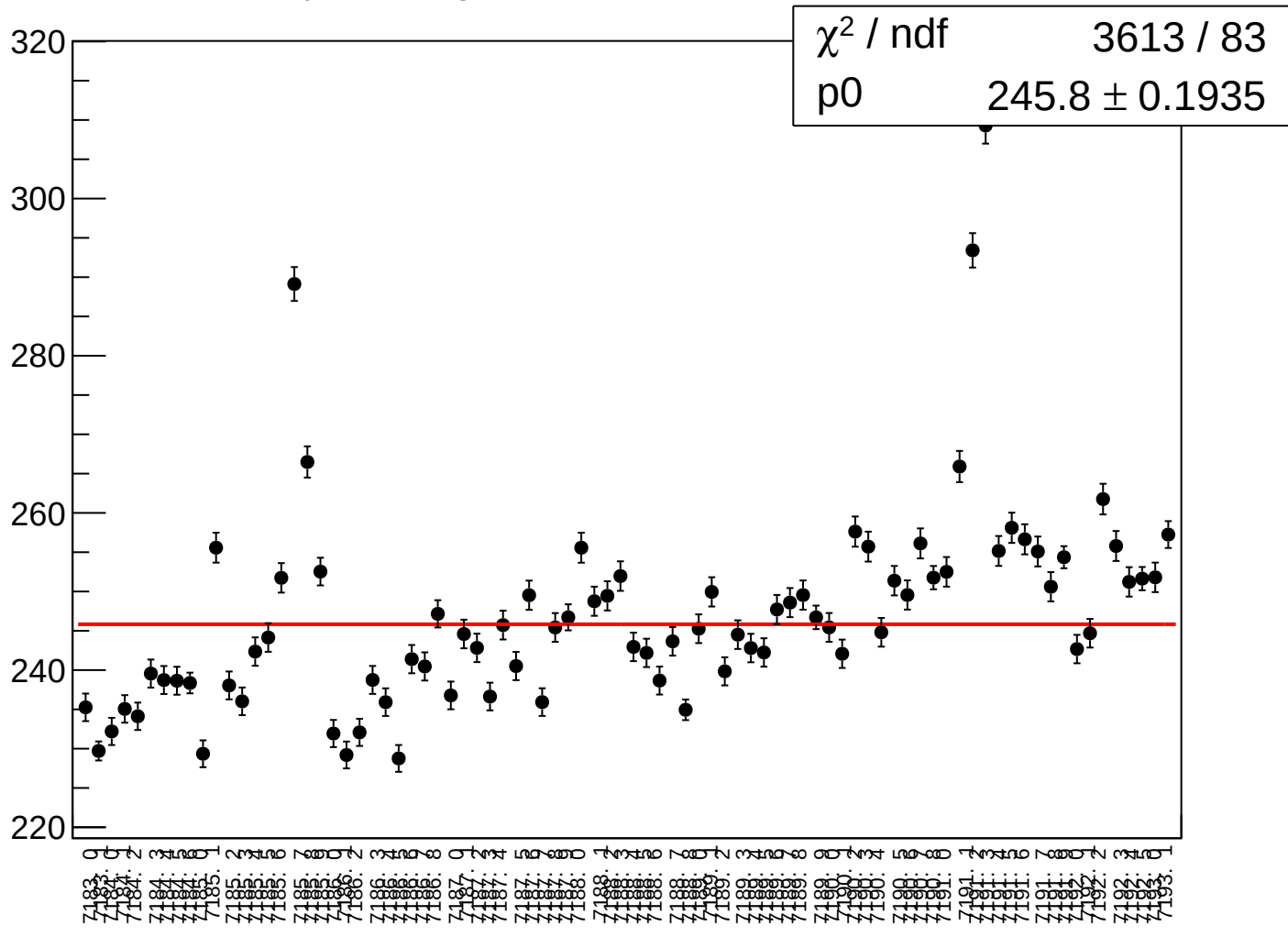
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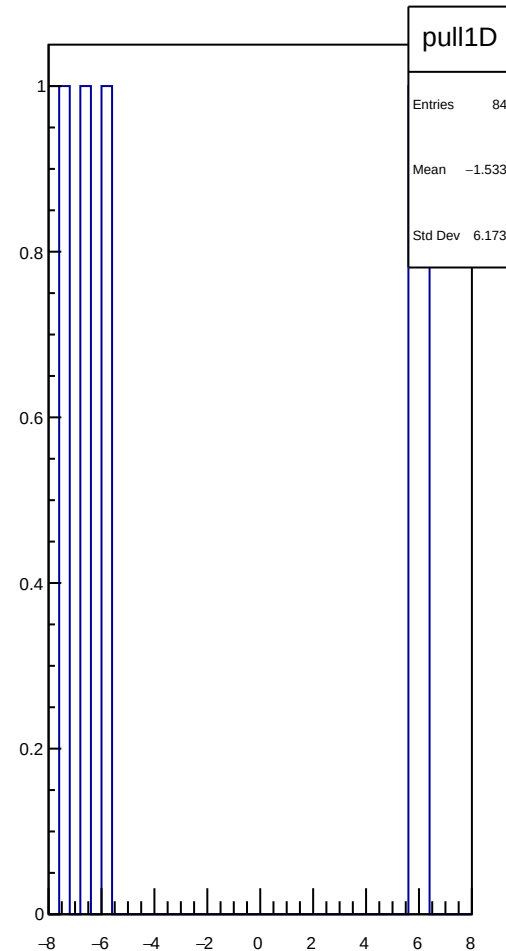
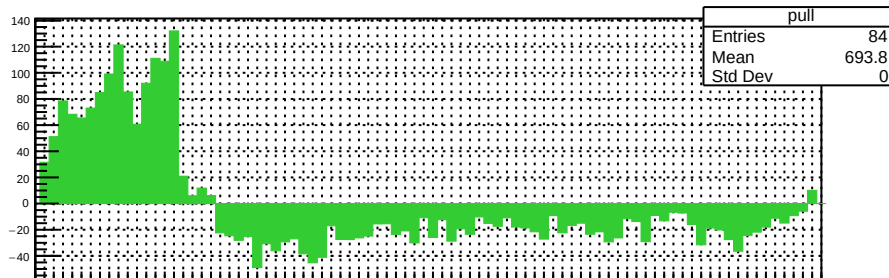
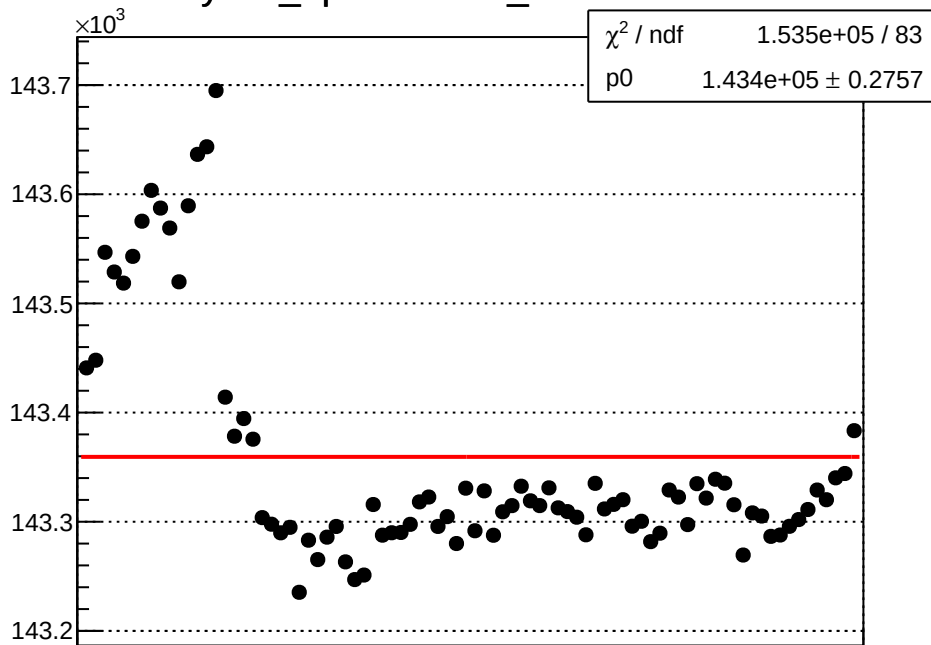
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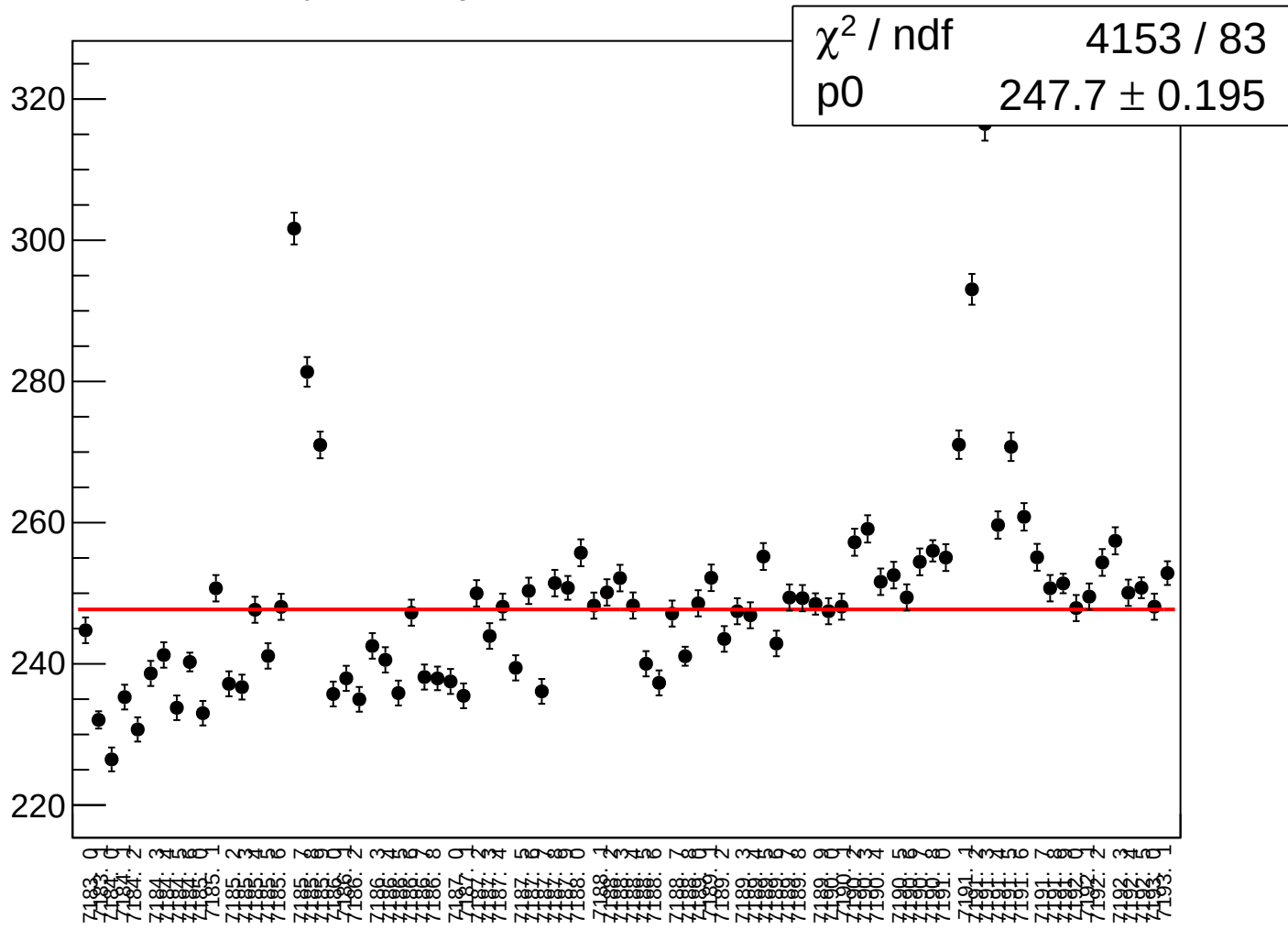
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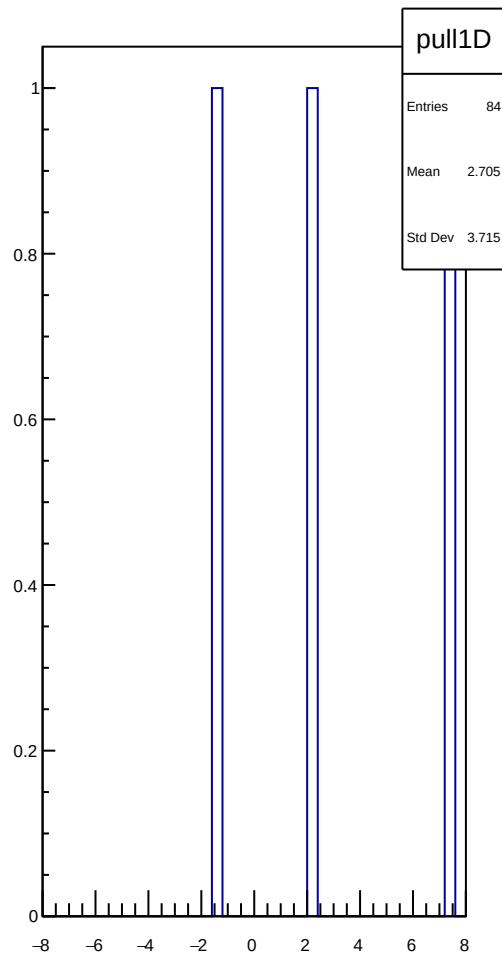
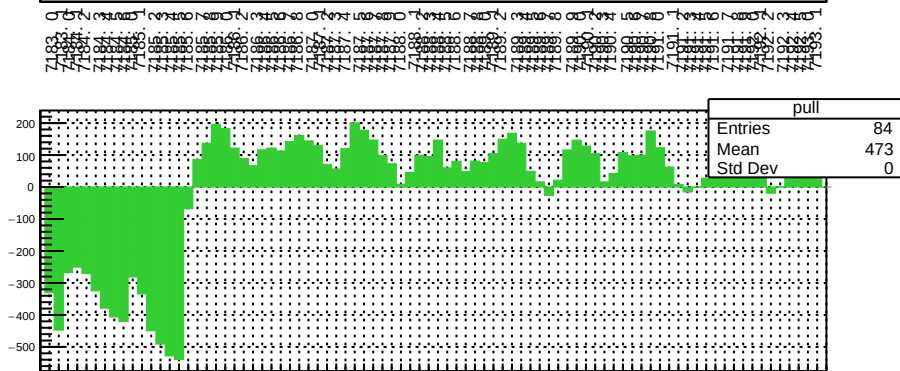
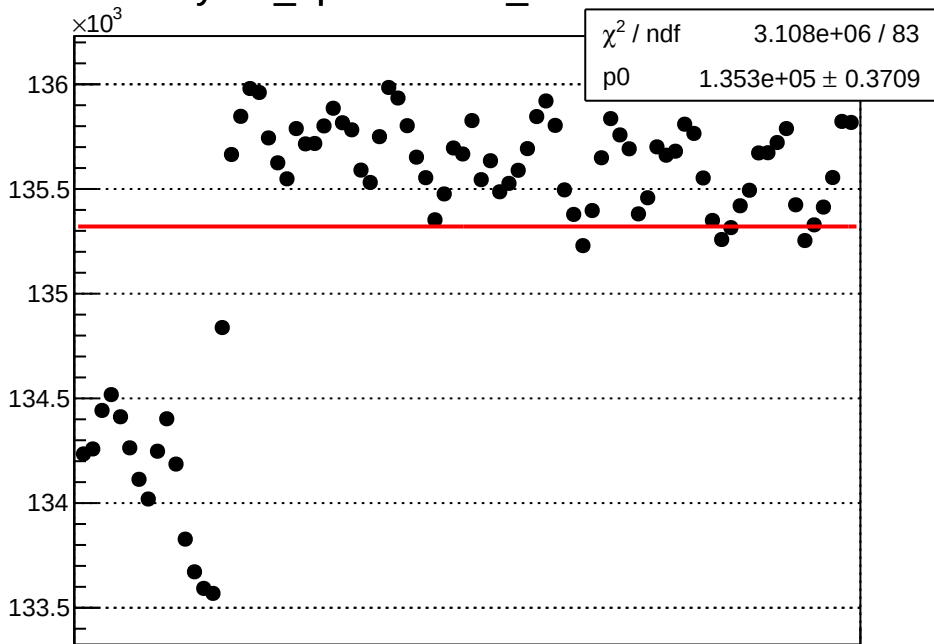
yield_bpm0l10WS_mean vs run



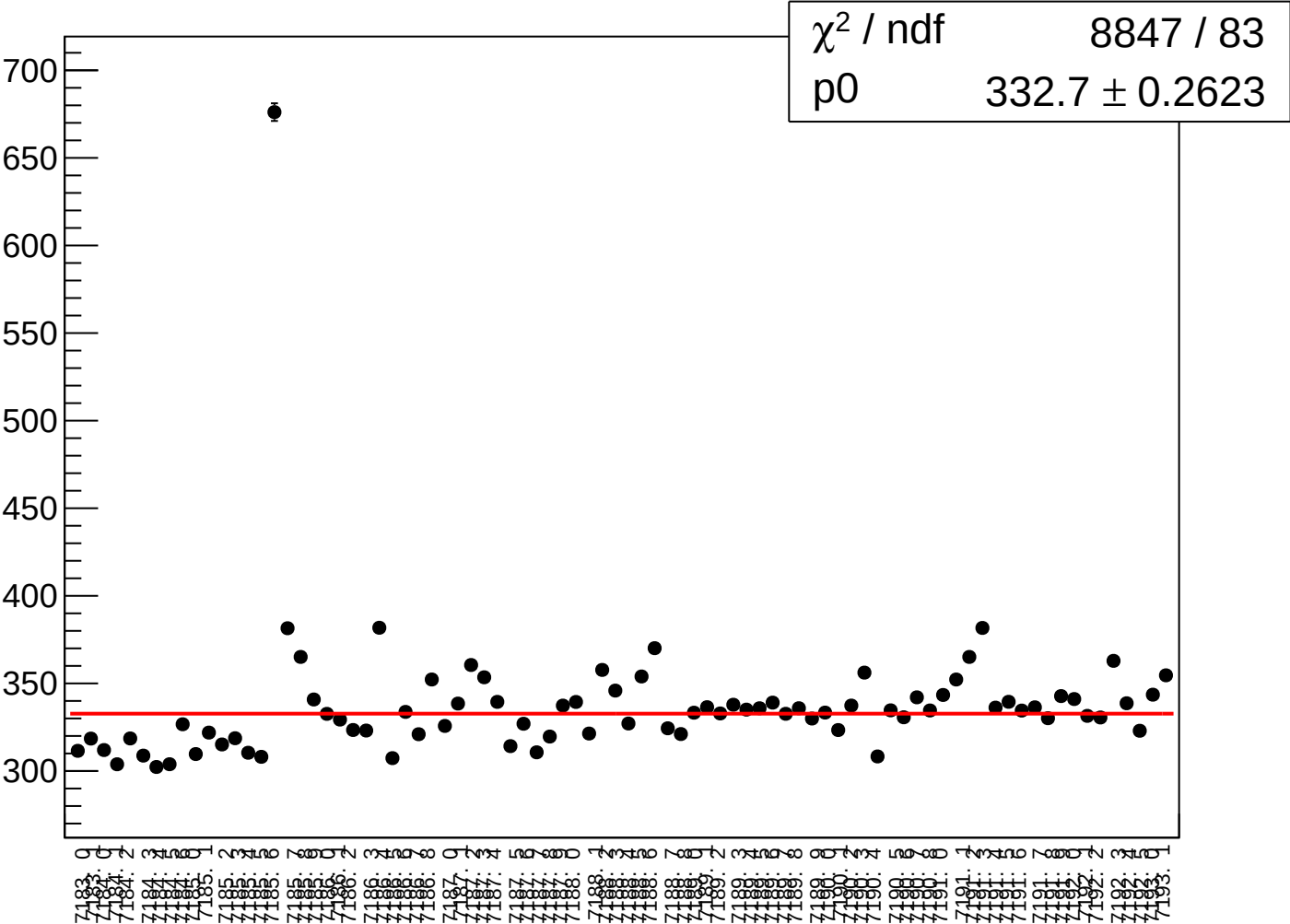
yield_bpm0l10WS_rms vs run



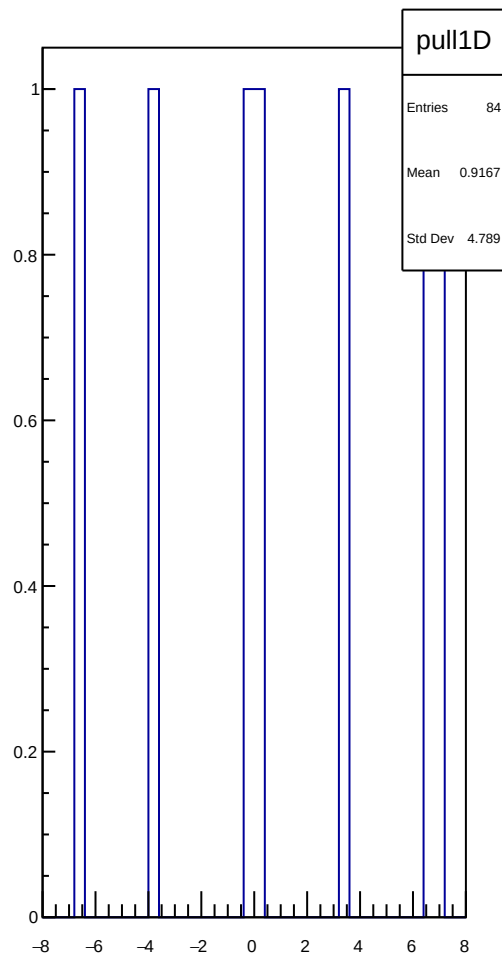
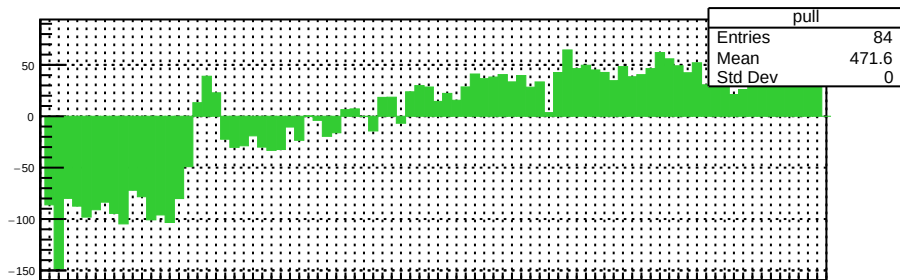
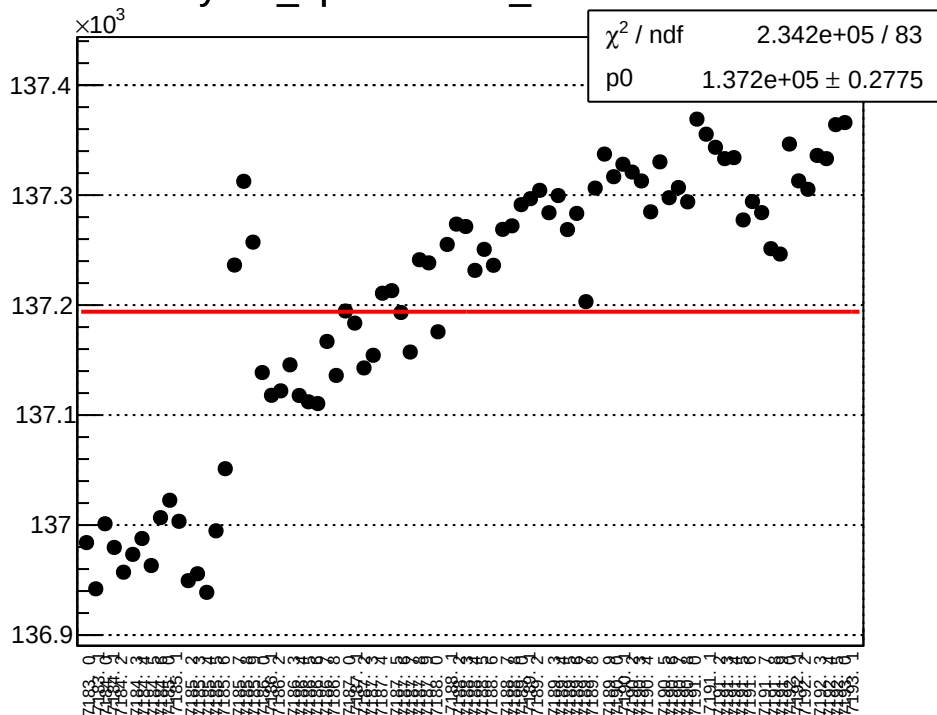
yield_bpm0r03WS_mean vs run



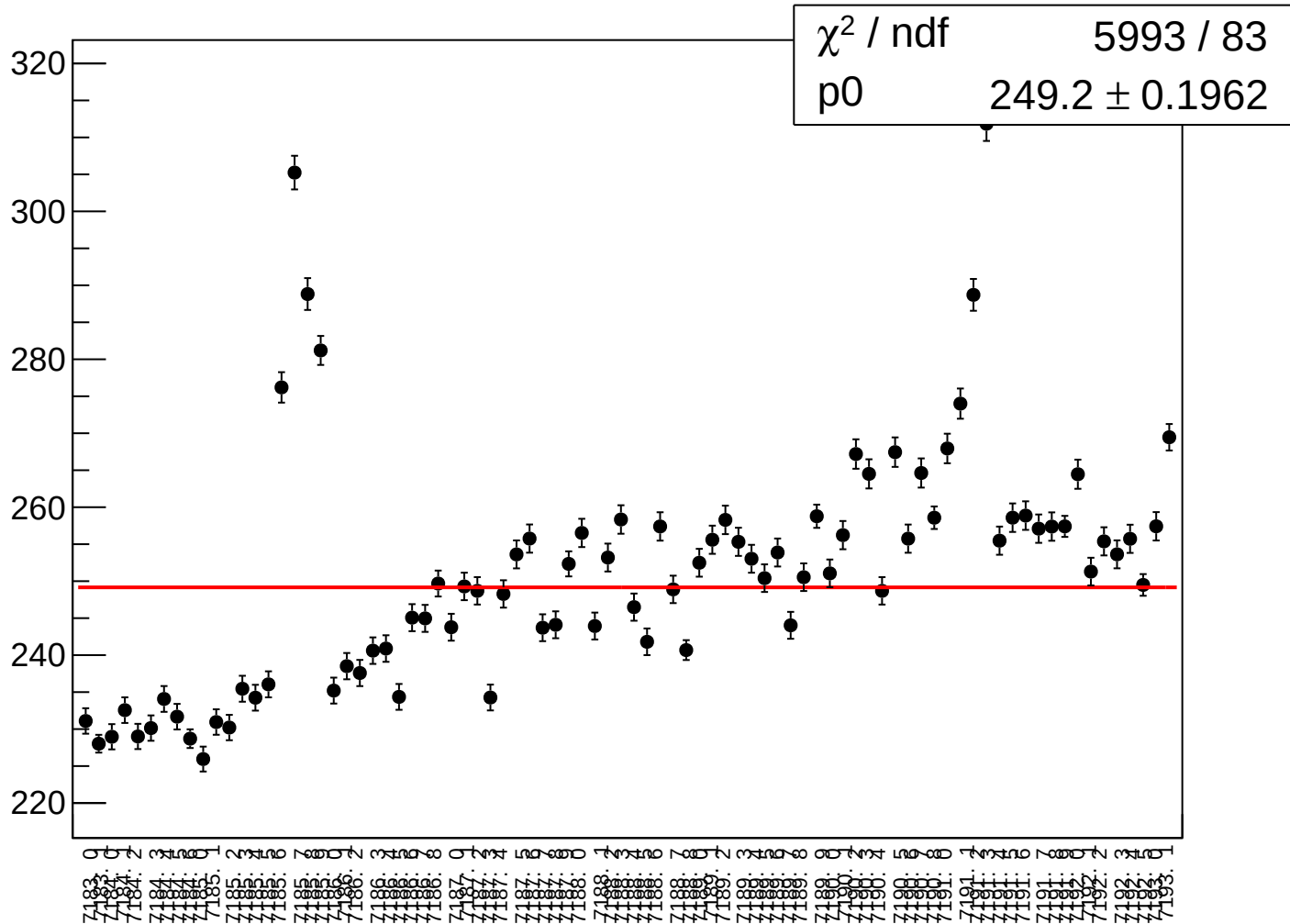
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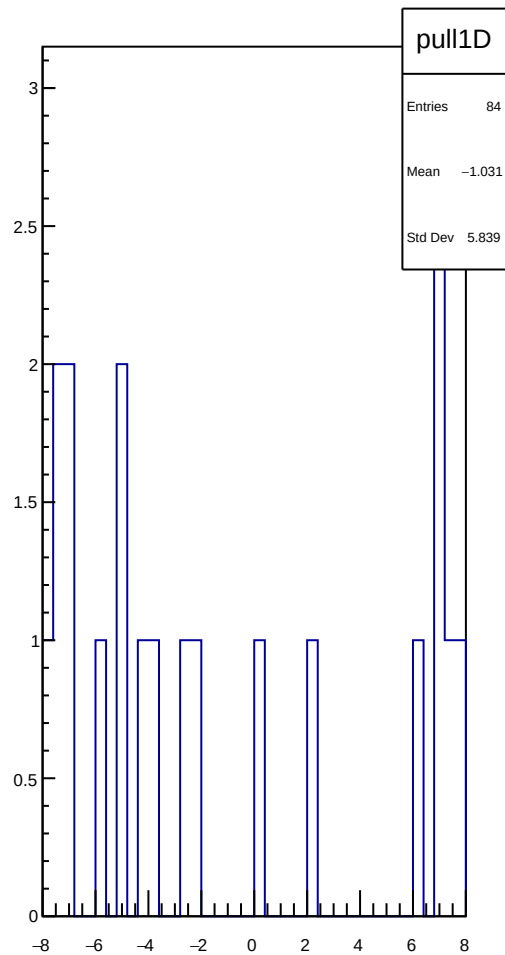
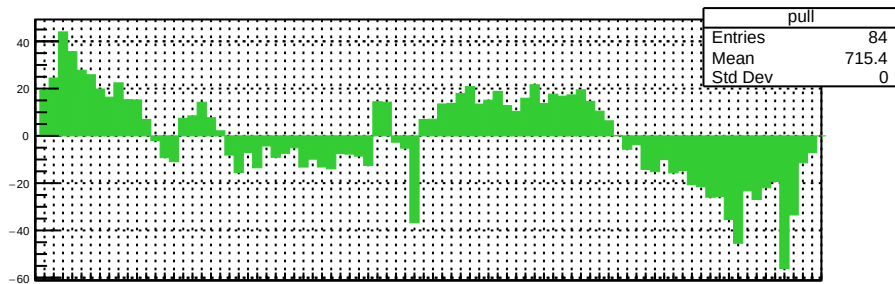
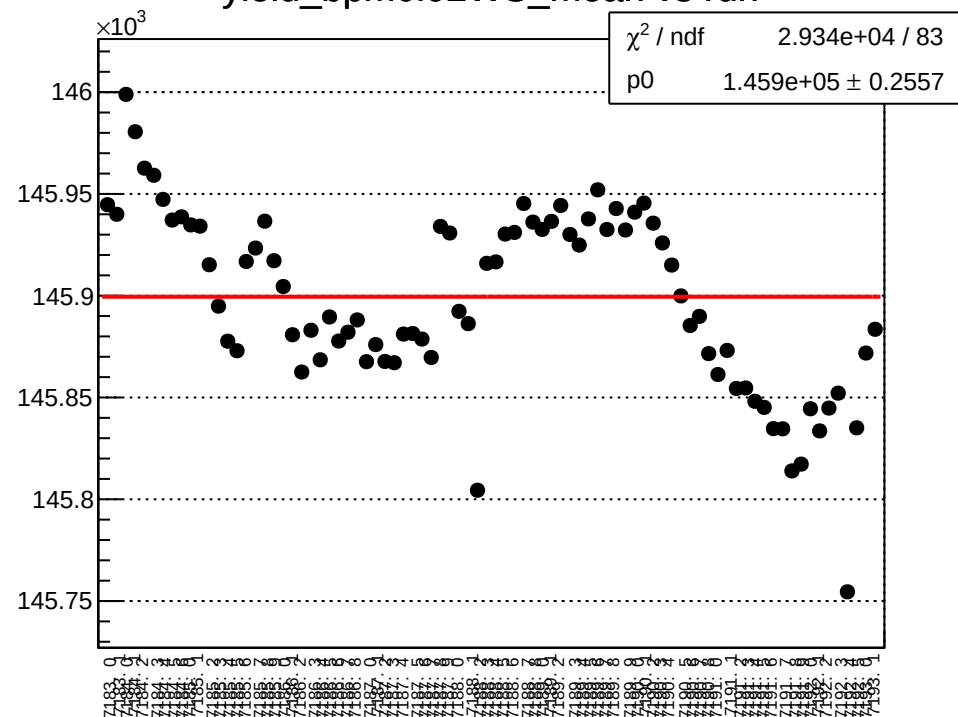
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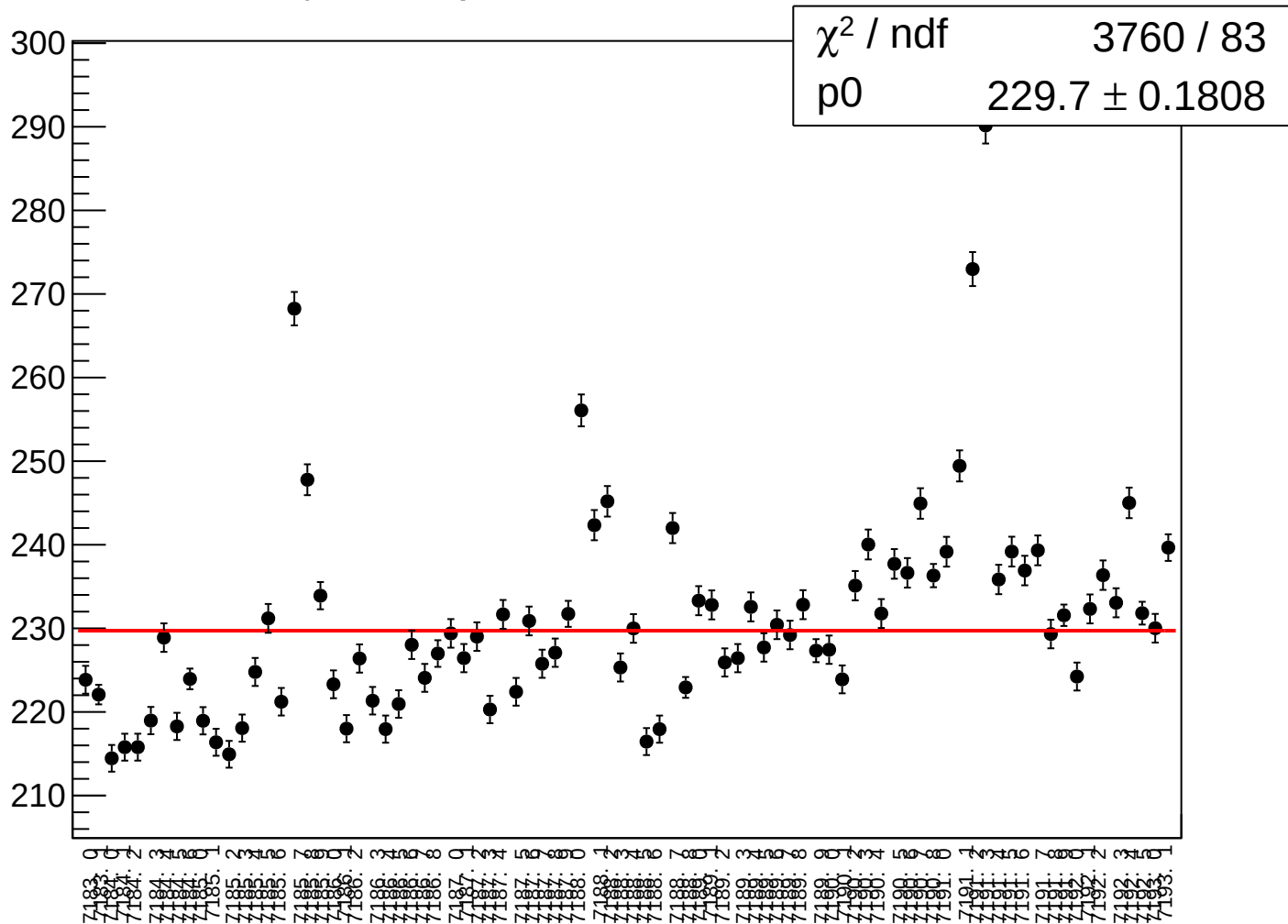
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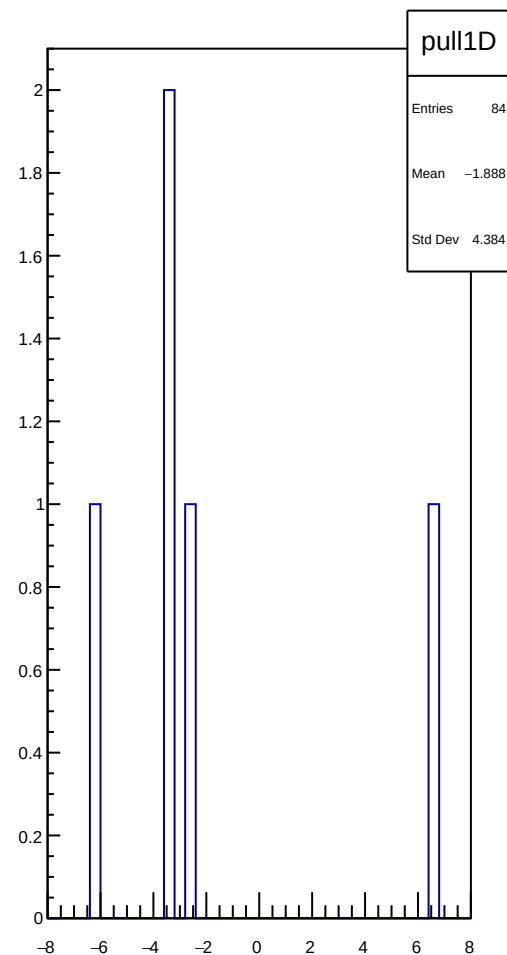
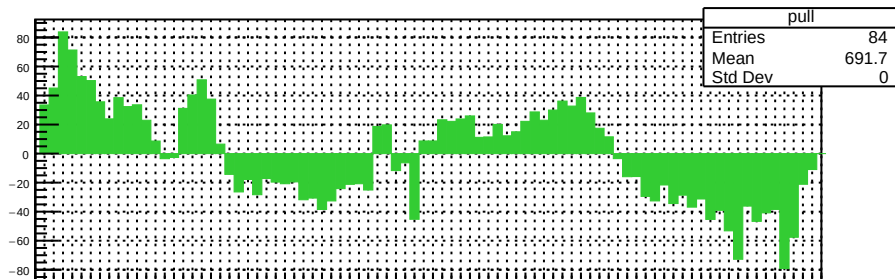
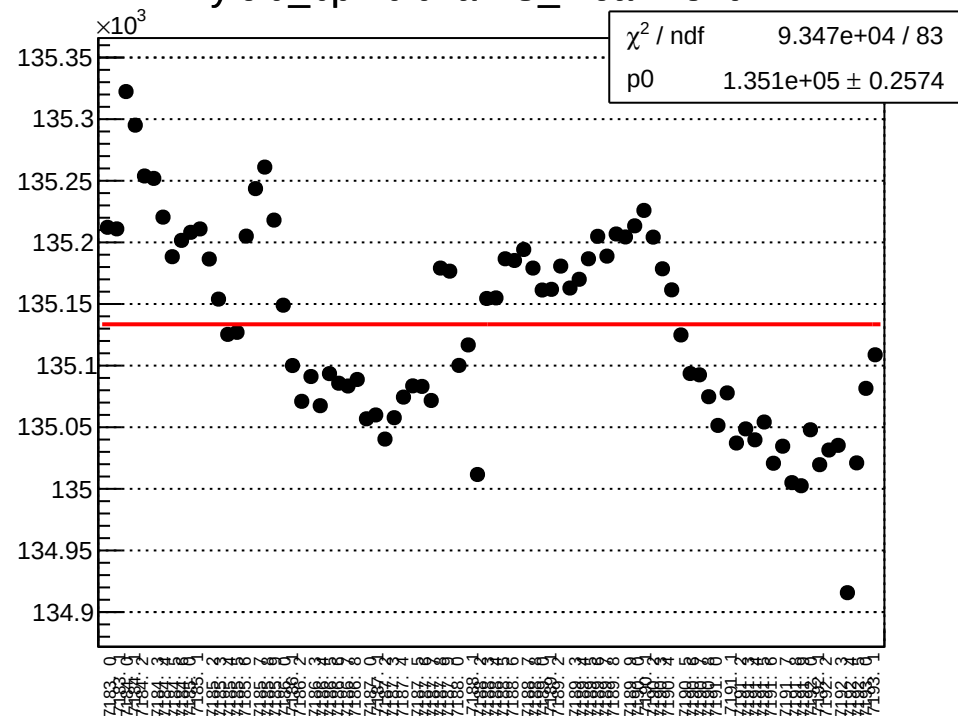
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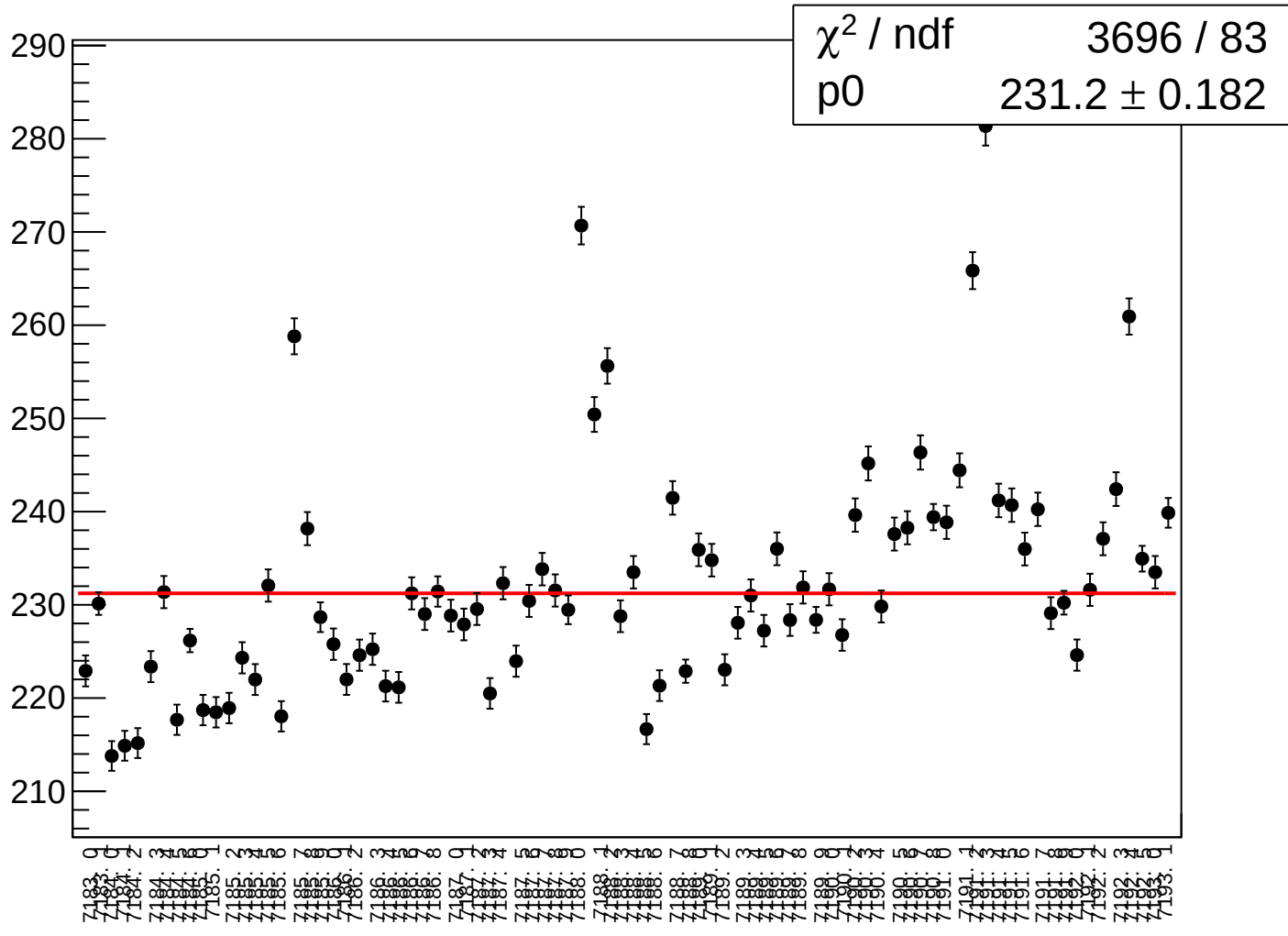
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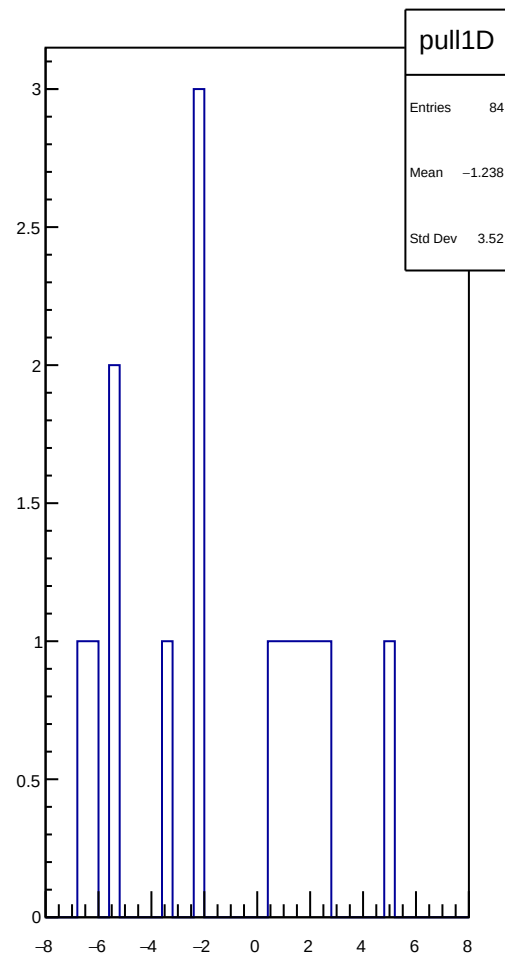
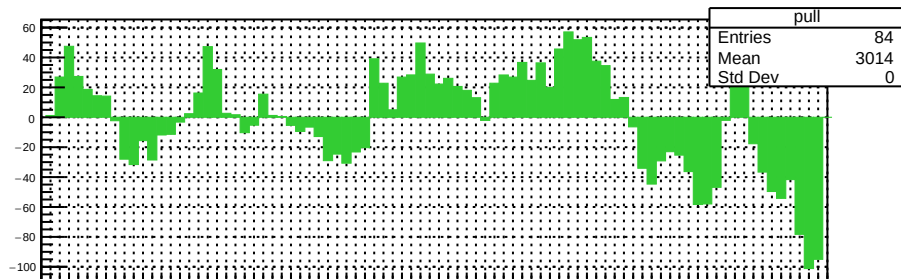
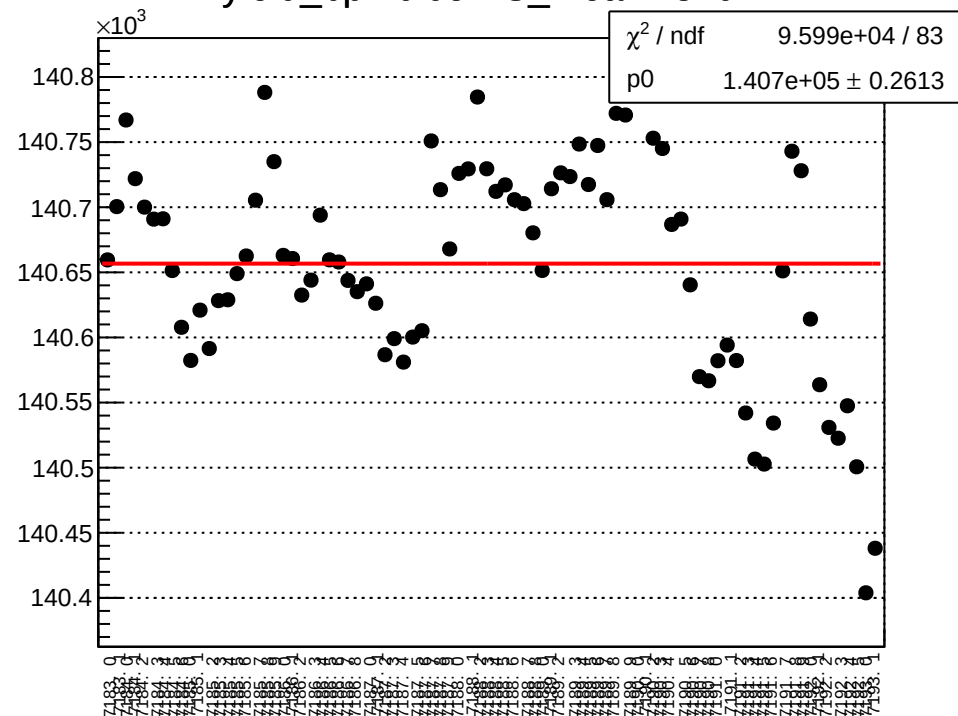
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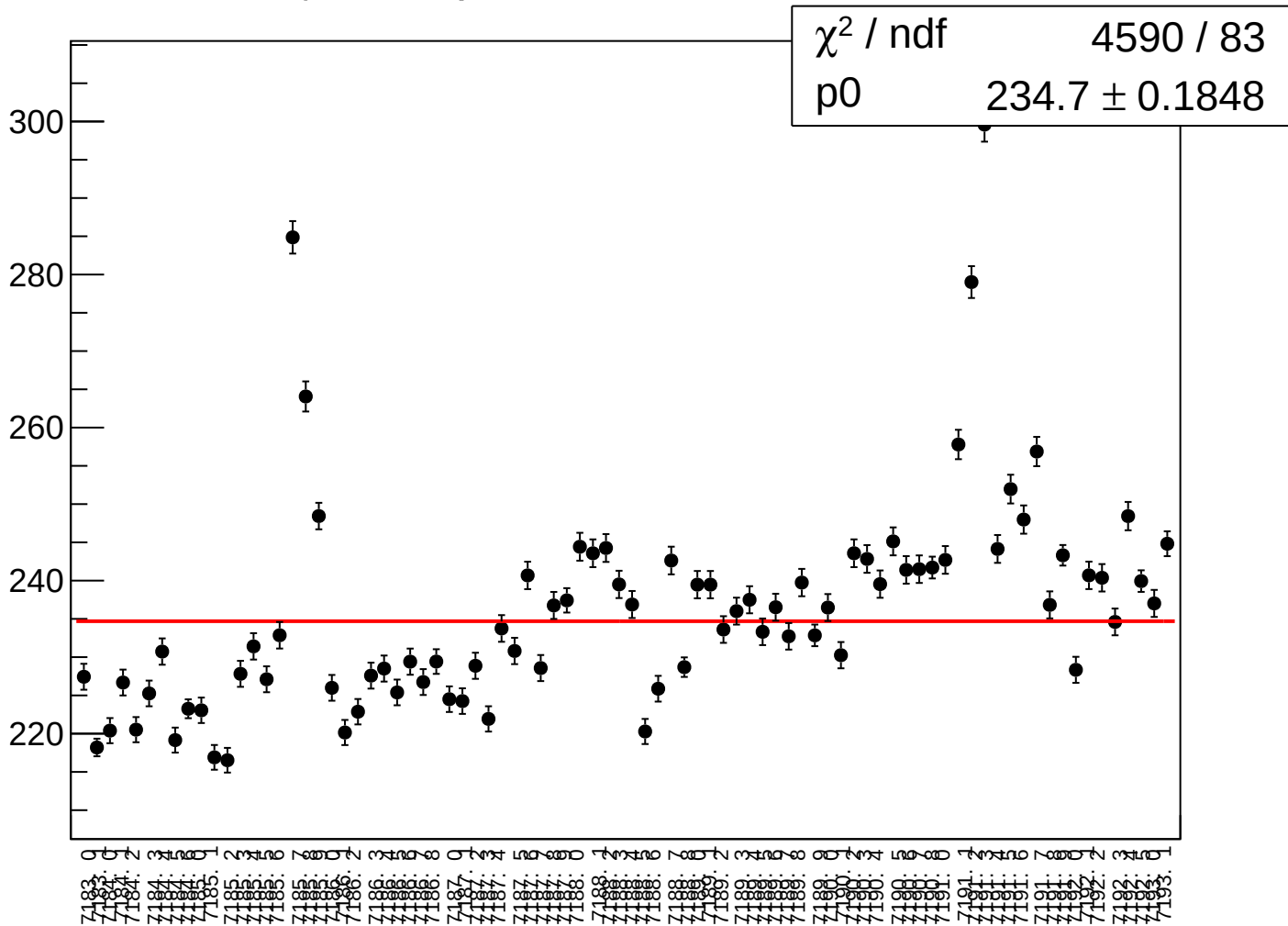
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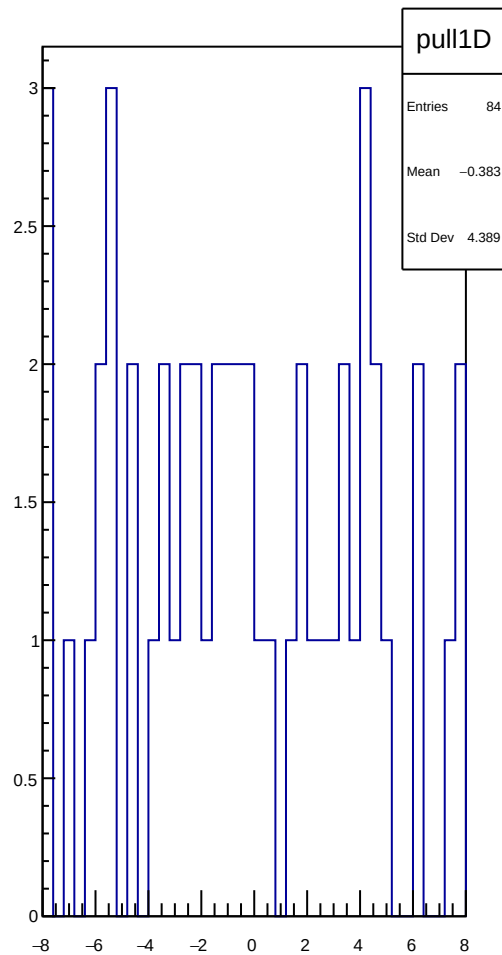
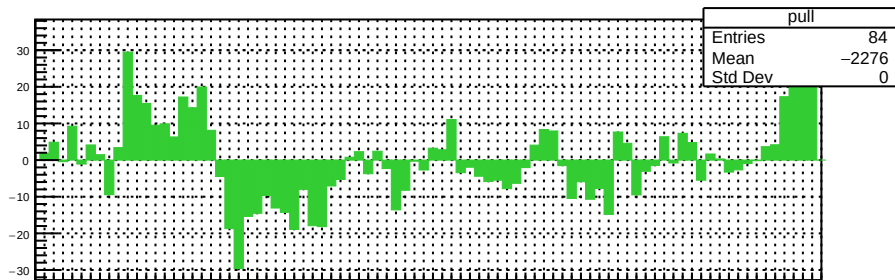
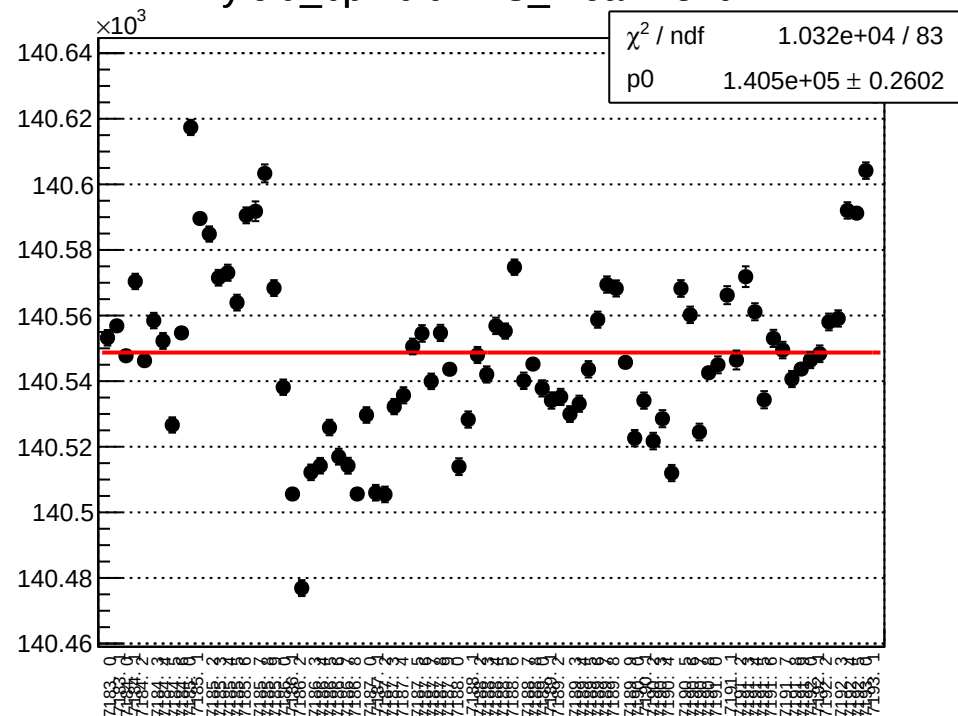
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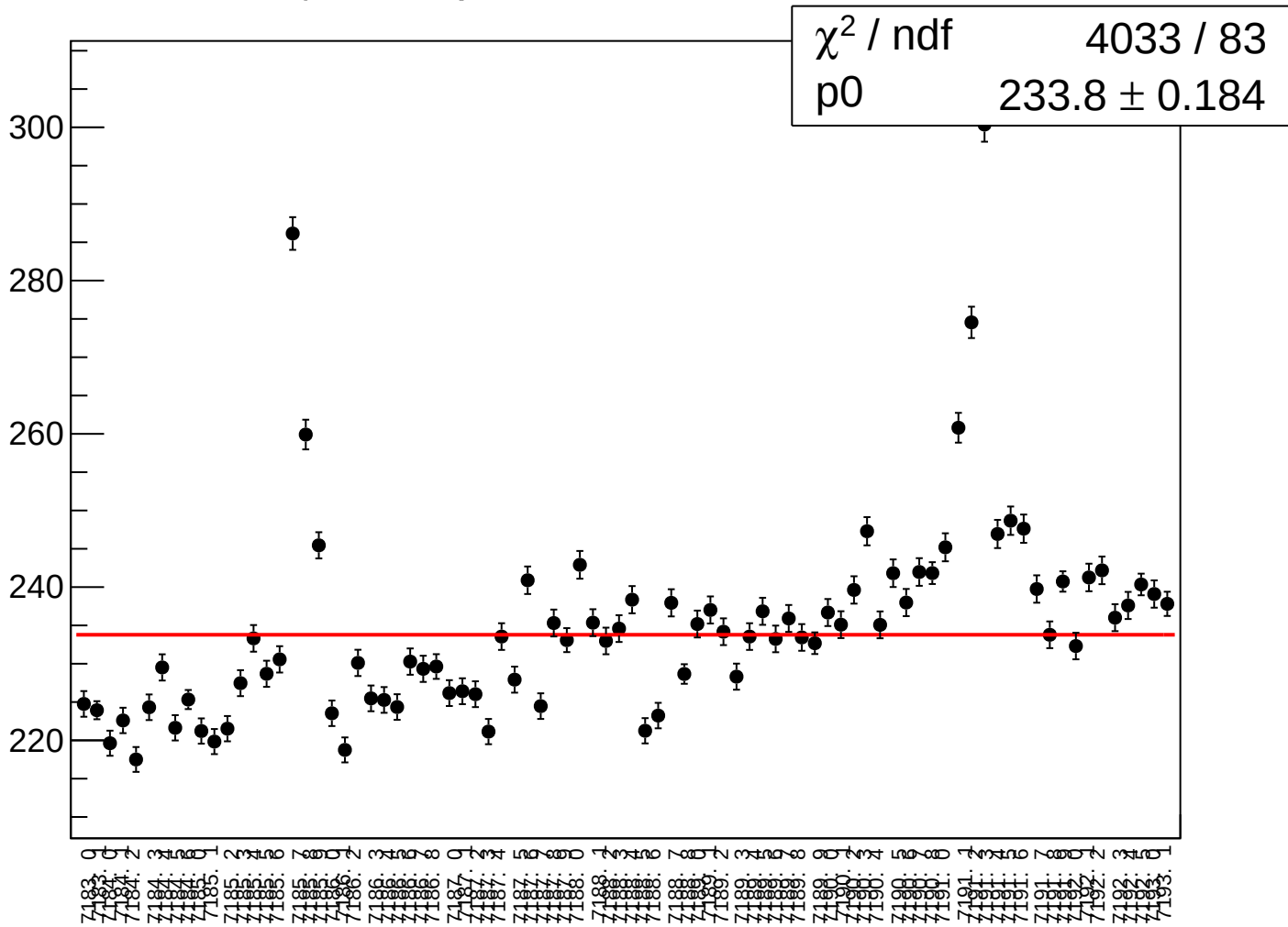
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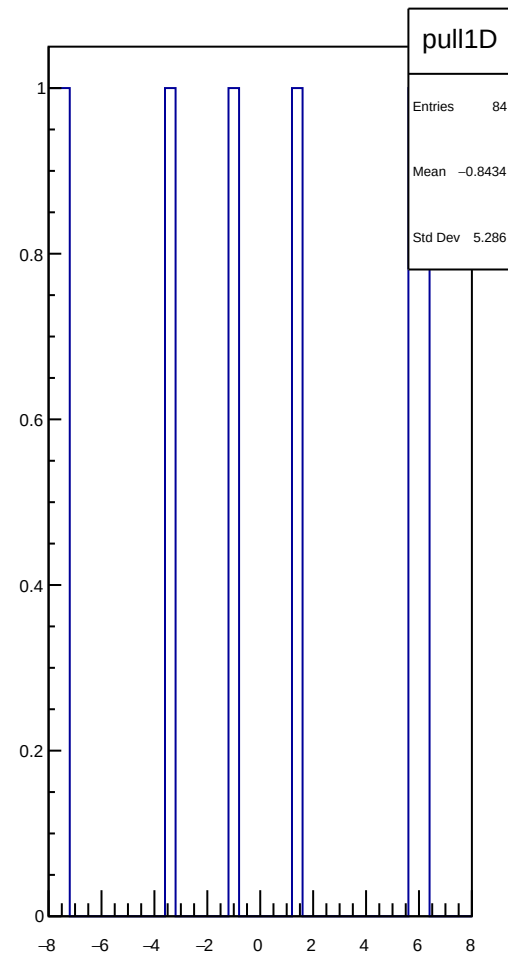
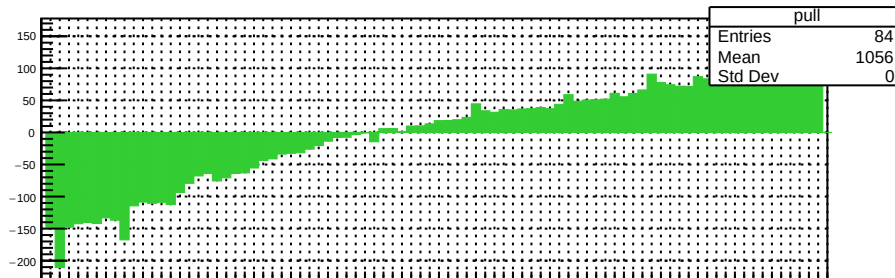
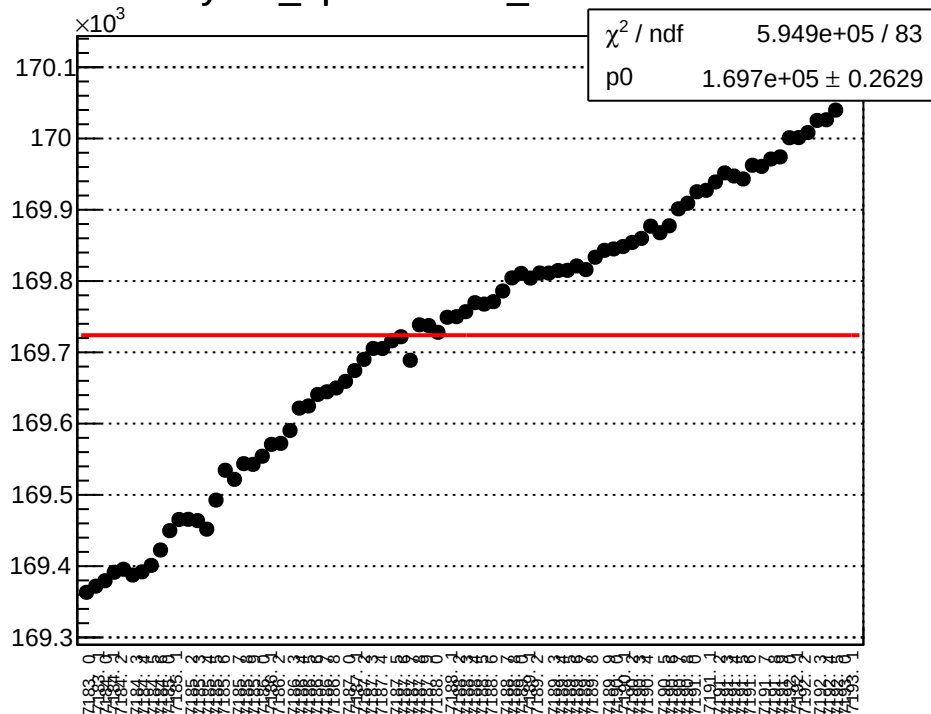
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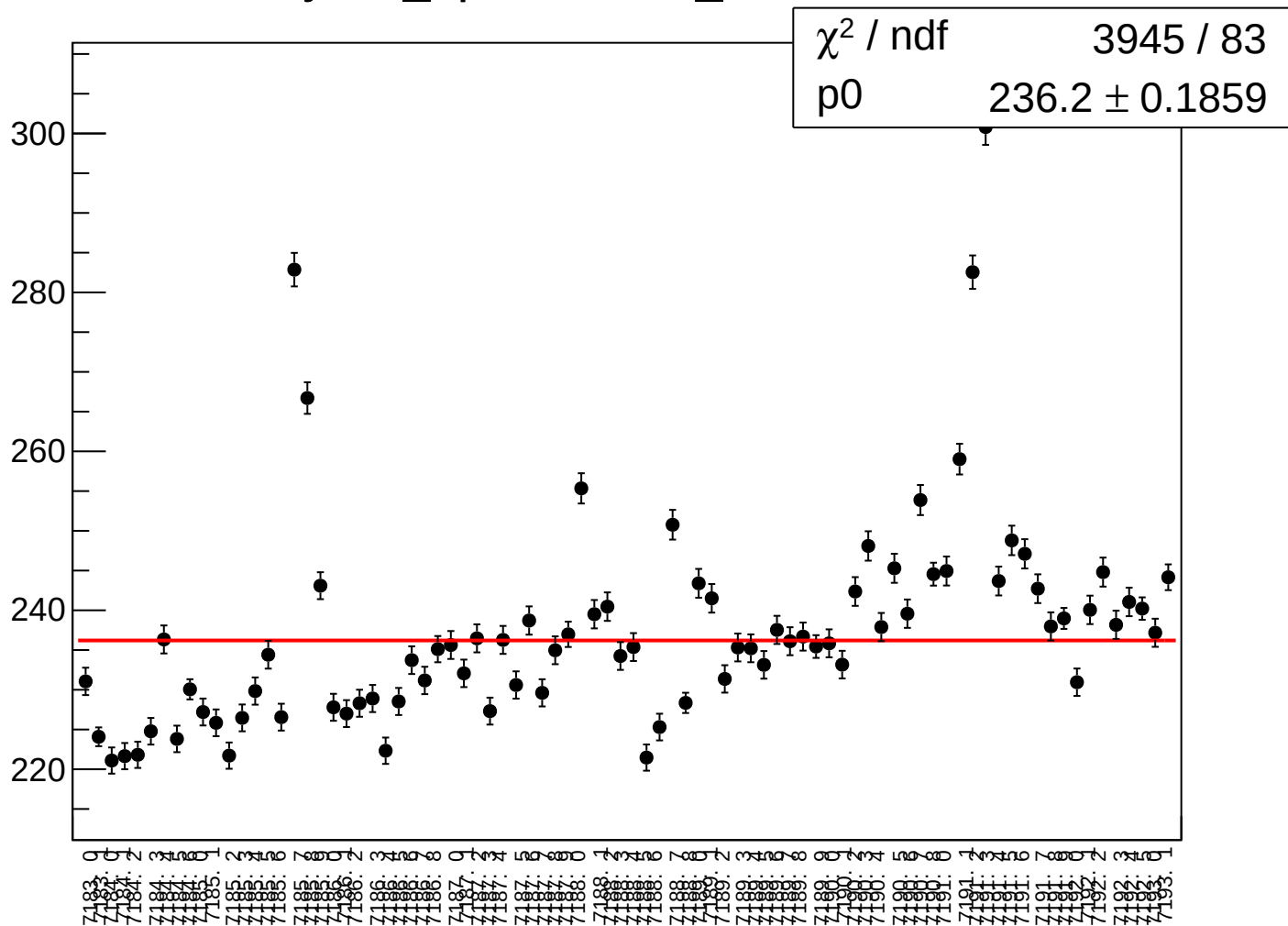
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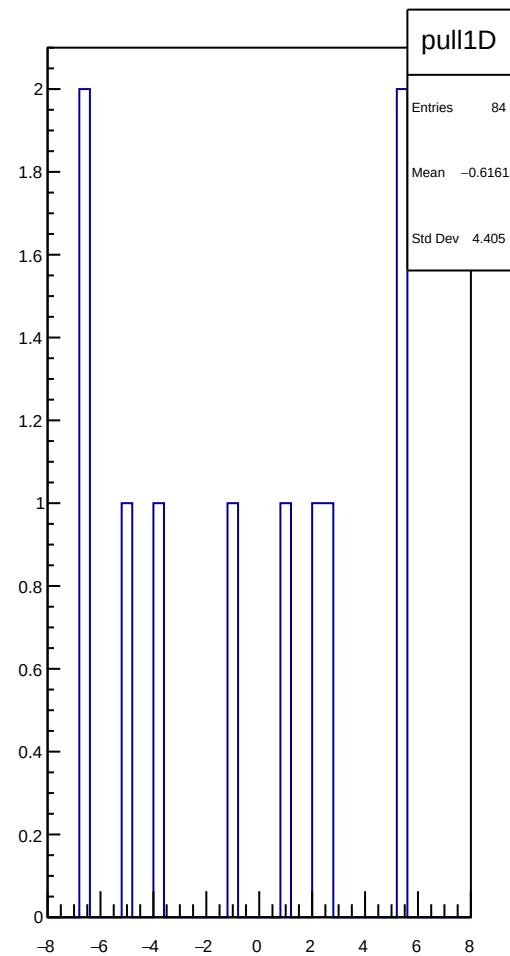
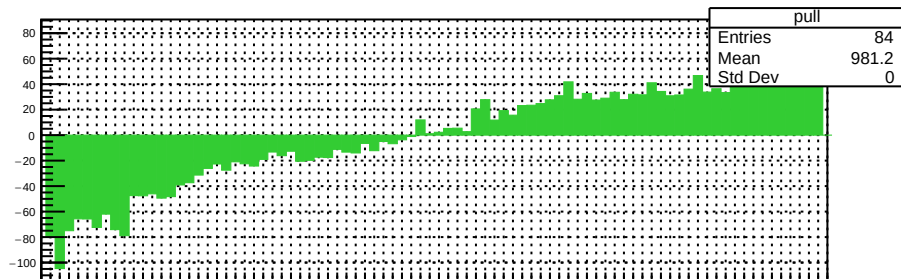
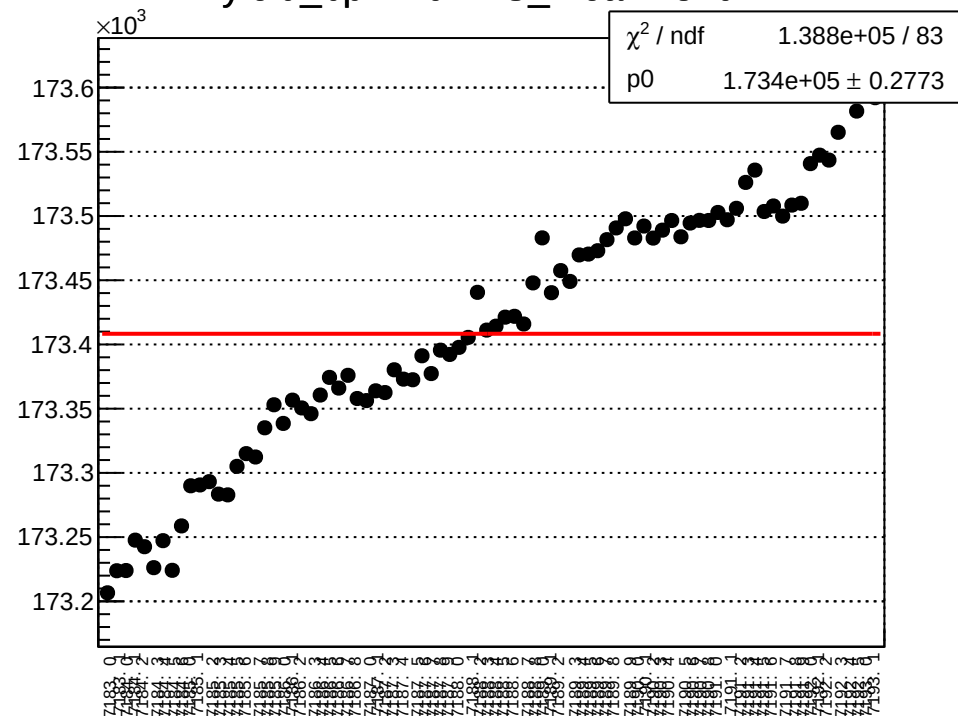
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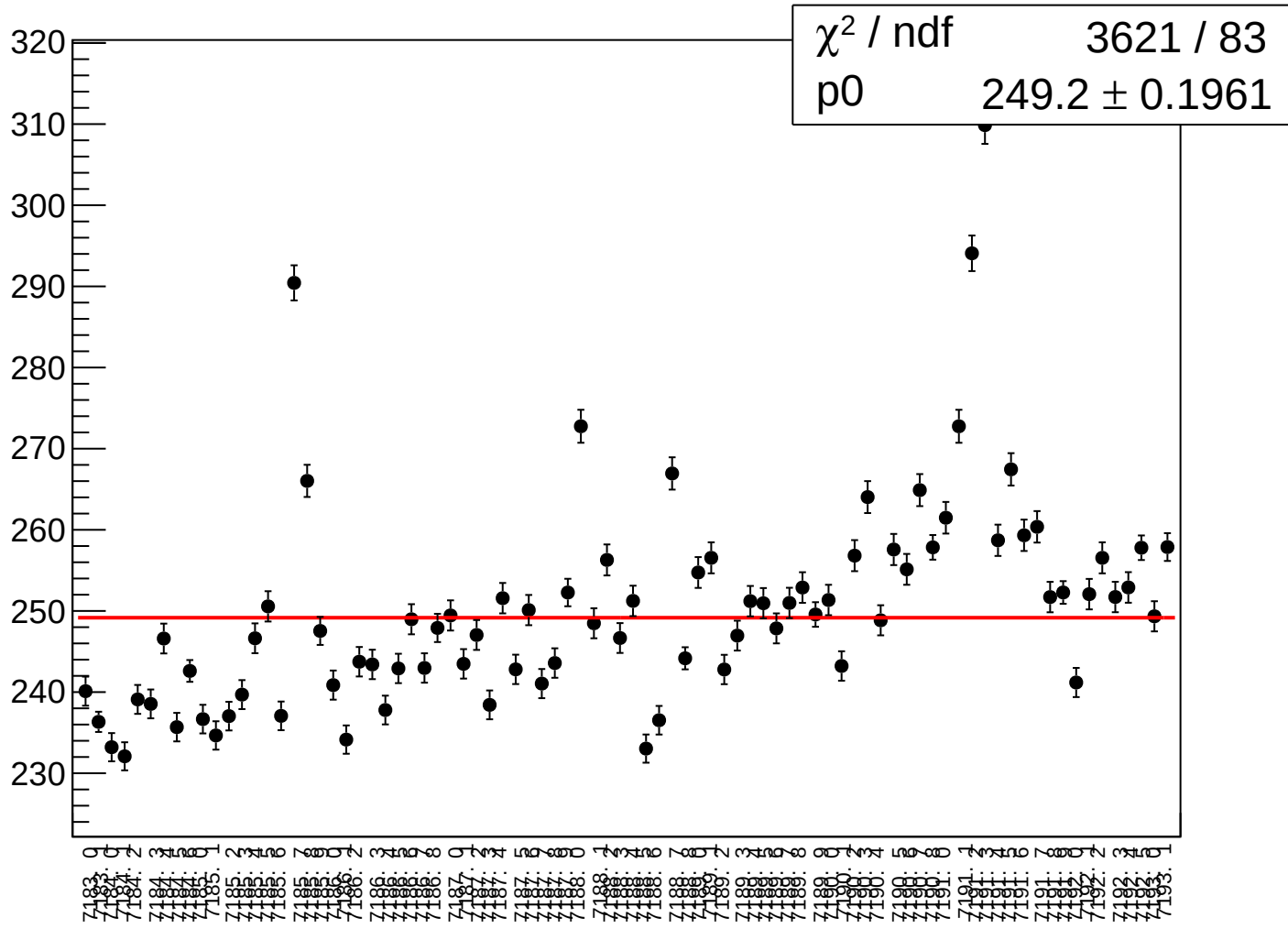
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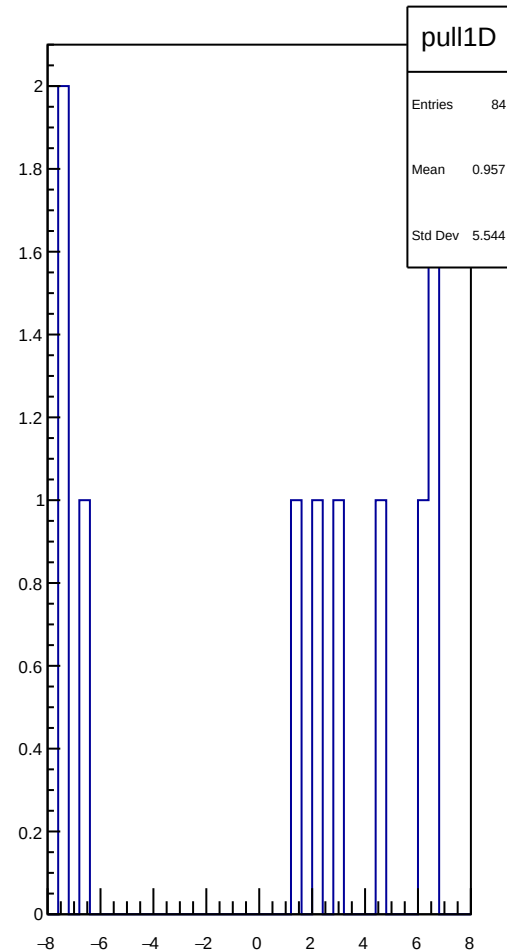
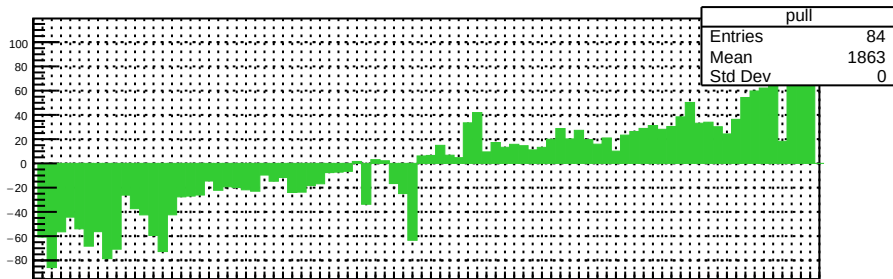
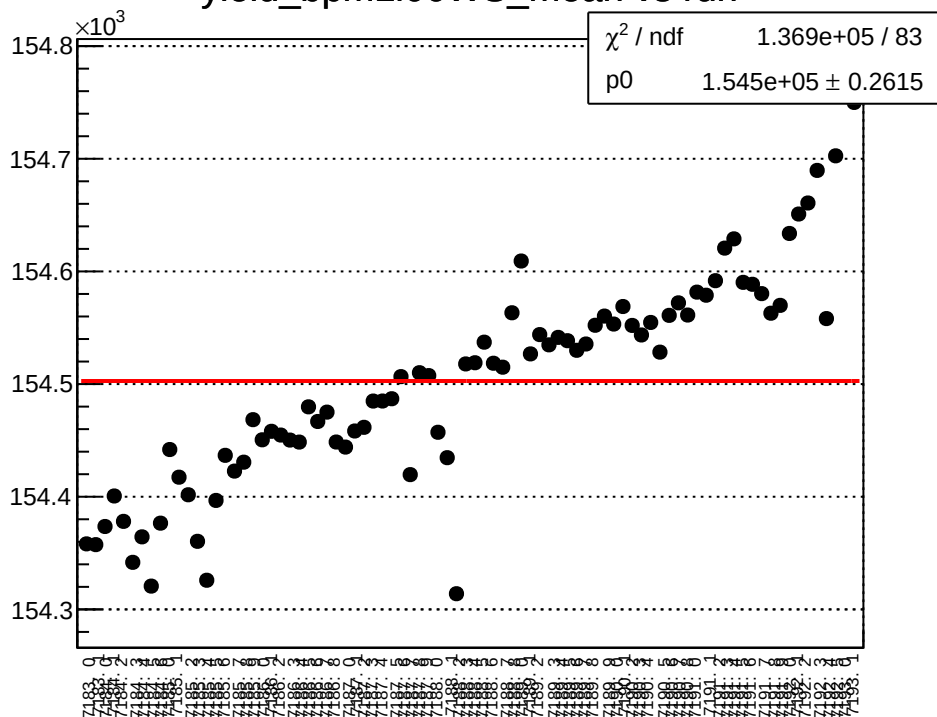
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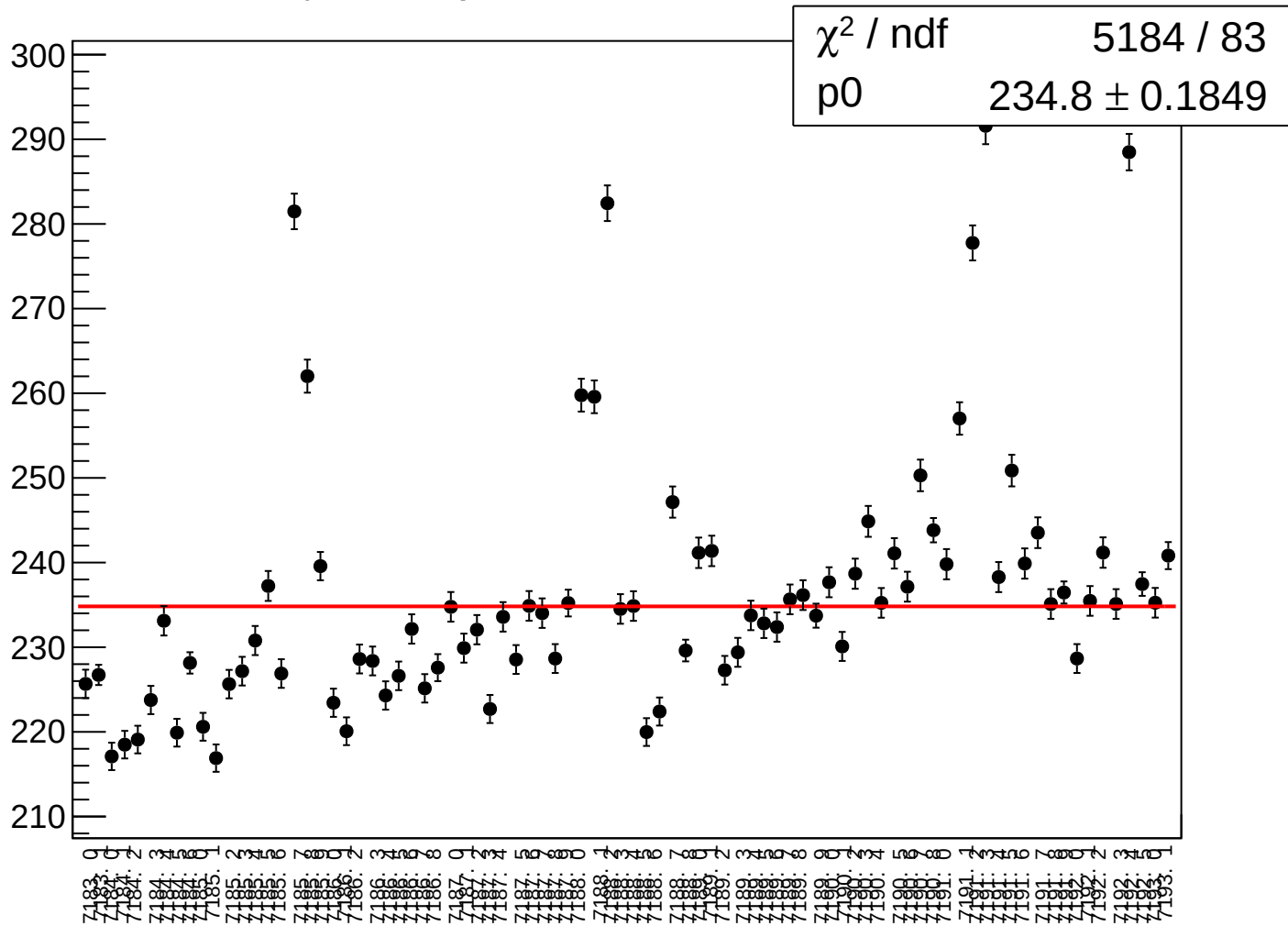
yield_bpm1i04WS_rms vs run



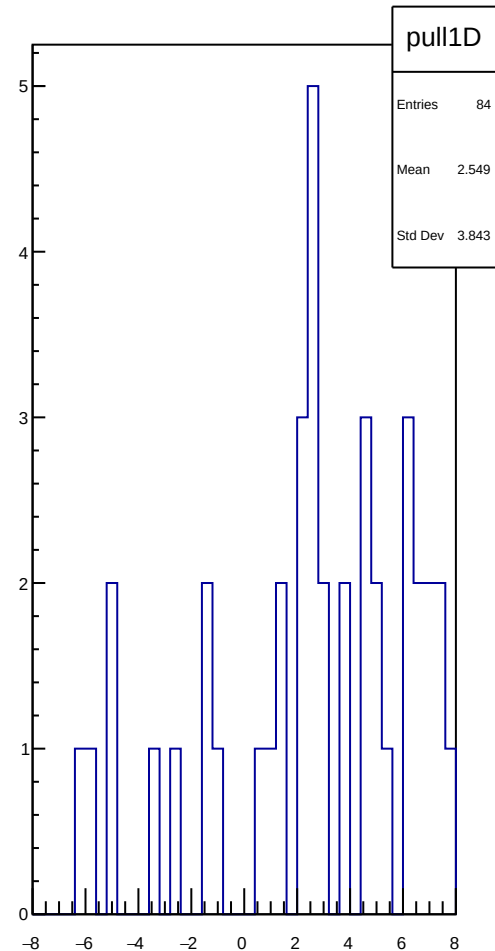
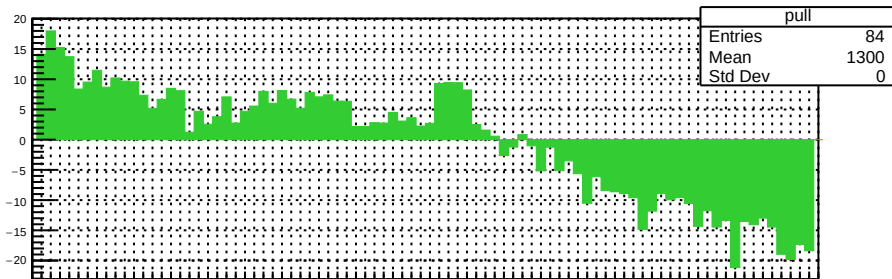
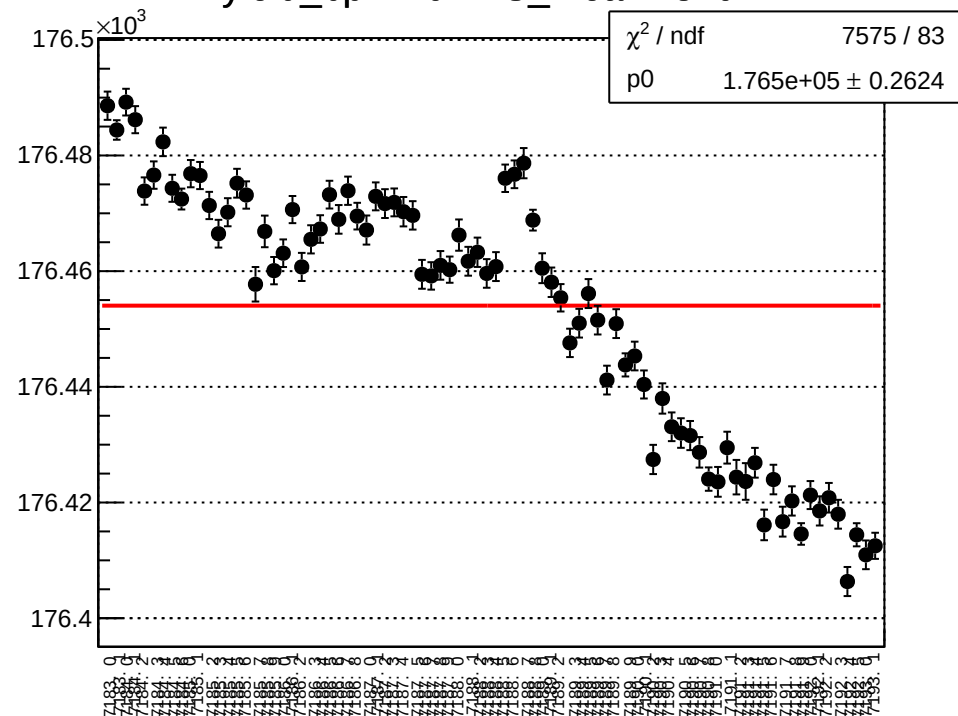
yield_bpm1i06WS_mean vs run



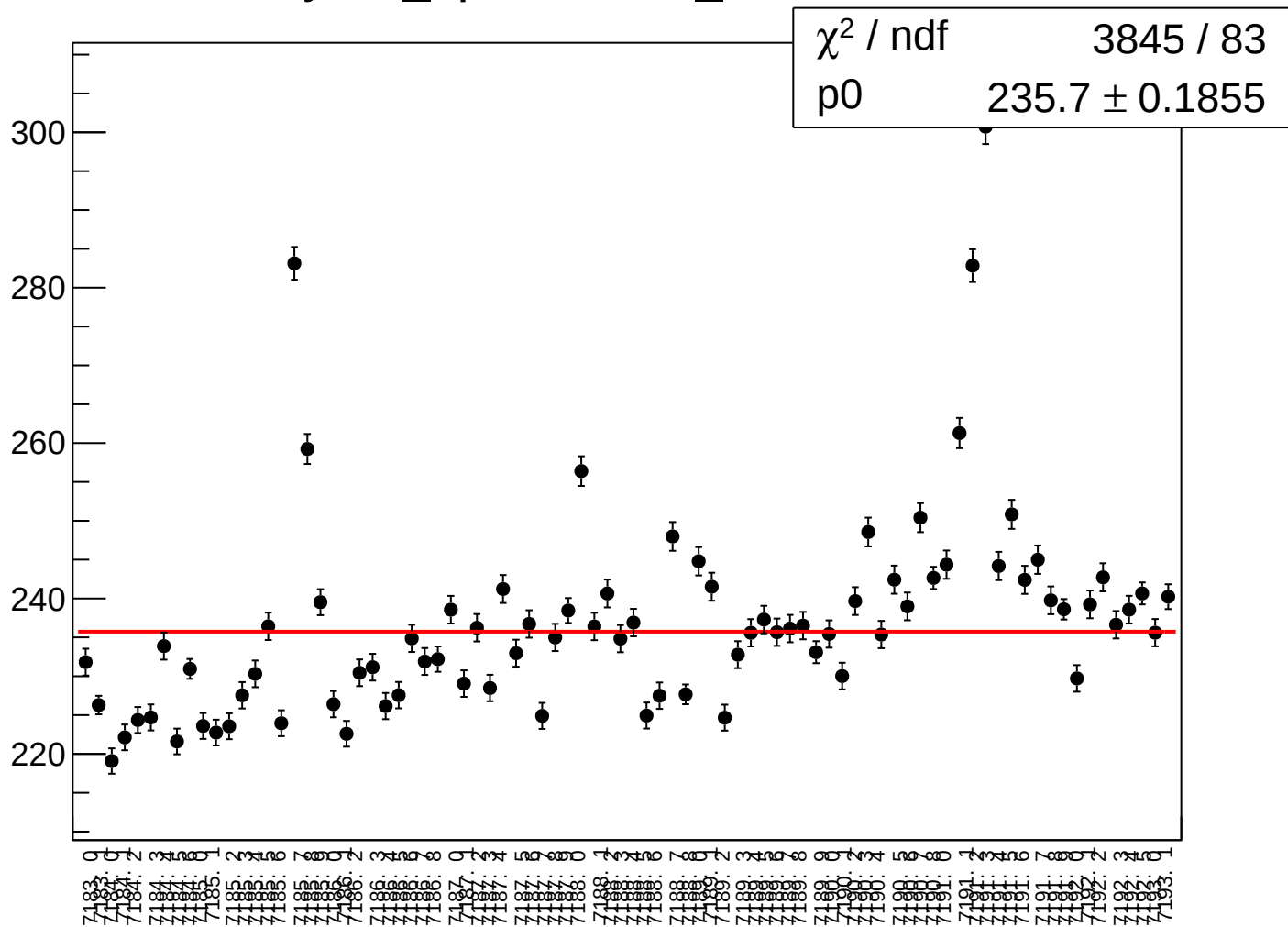
yield_bpm1i06WS_rms vs run



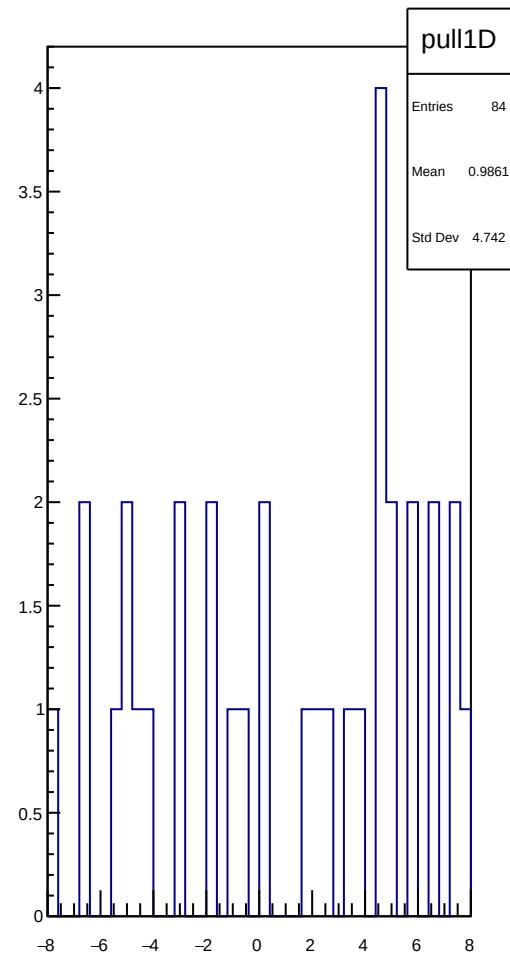
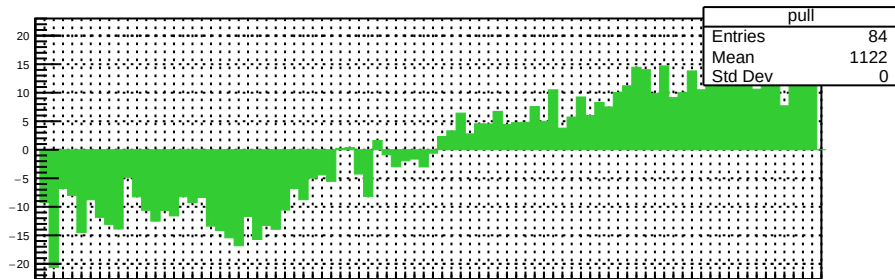
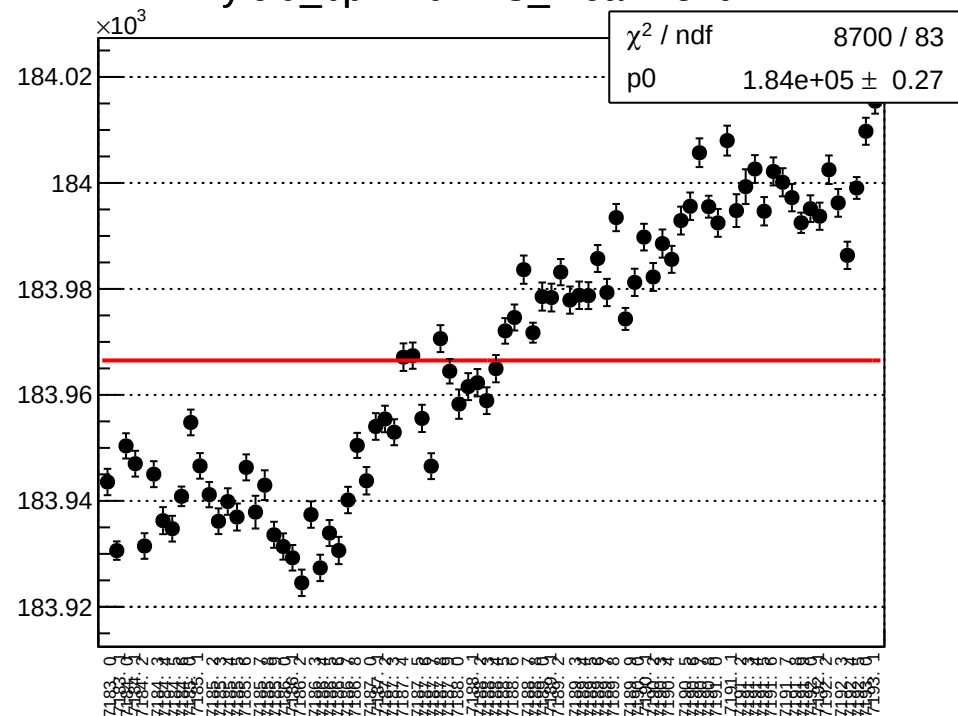
yield_bpm2i01WS_mean vs run



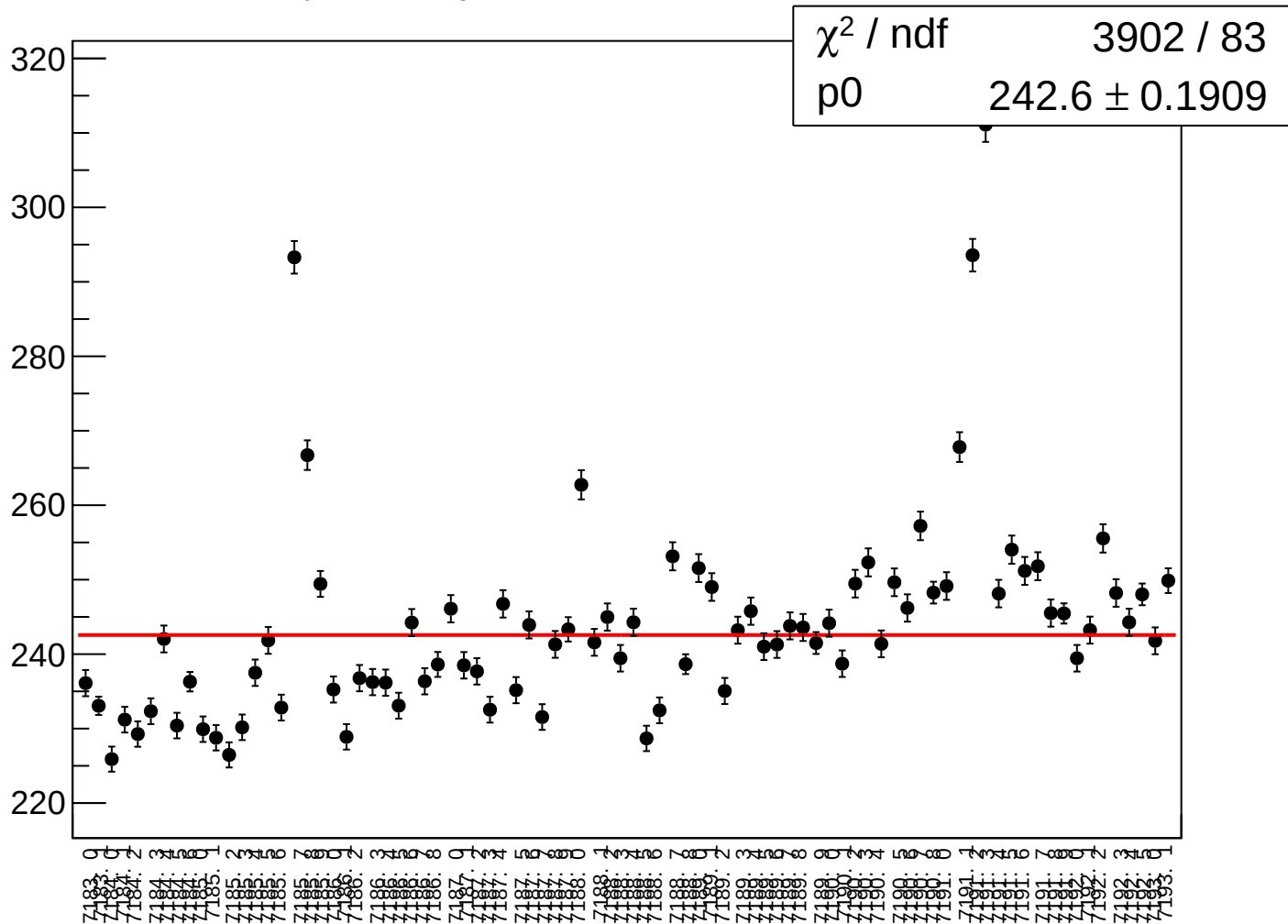
yield_bpm2i01WS_rms vs run



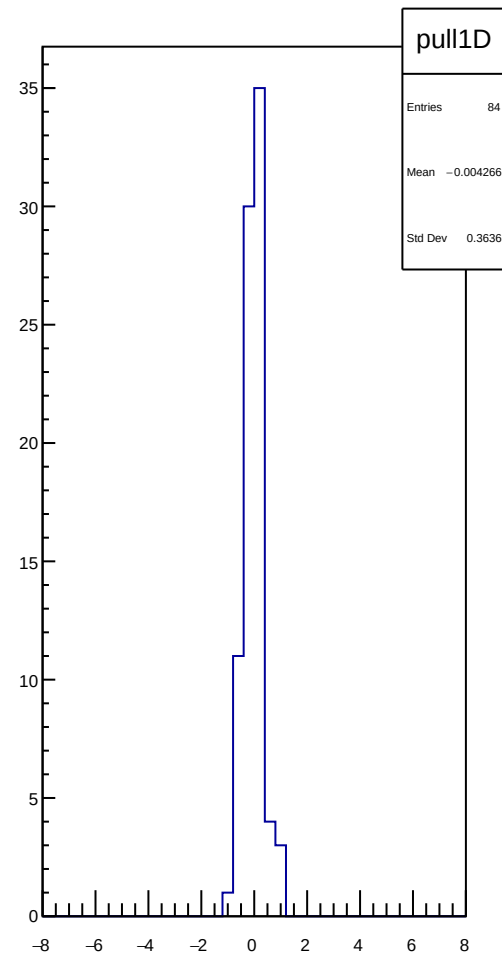
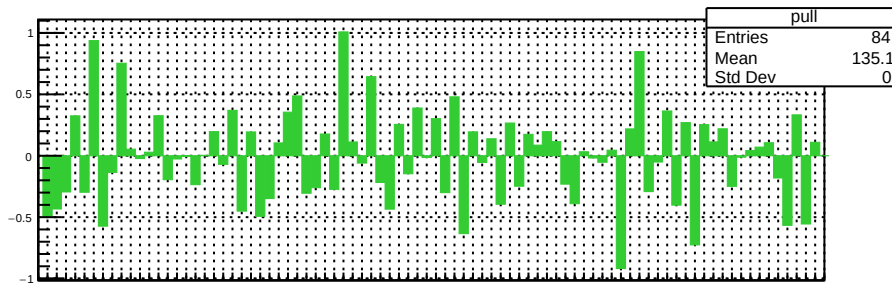
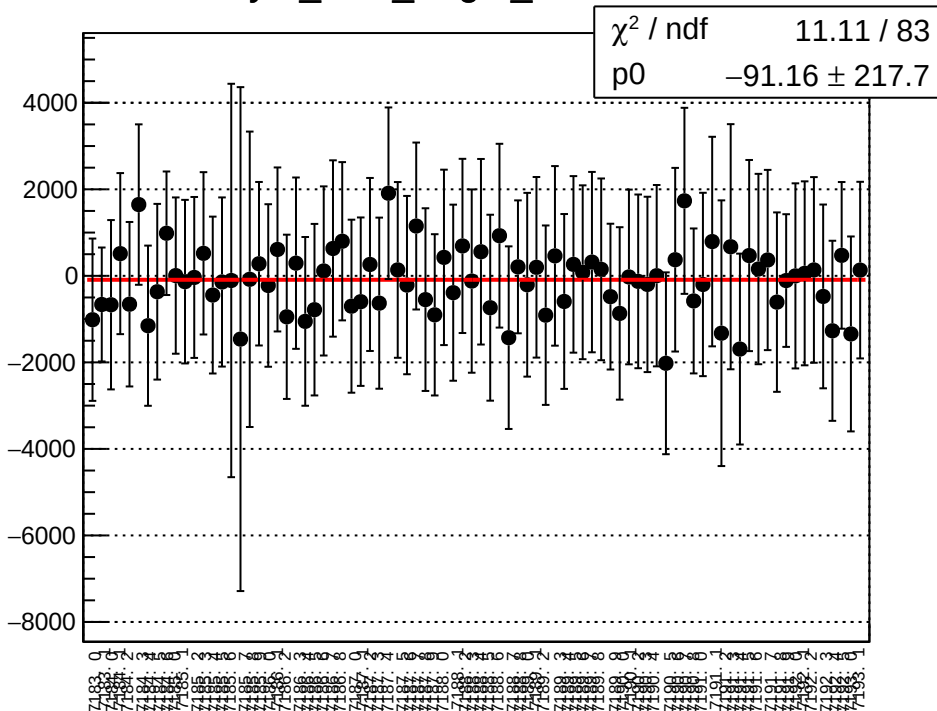
yield_bpm2i02WS_mean vs run



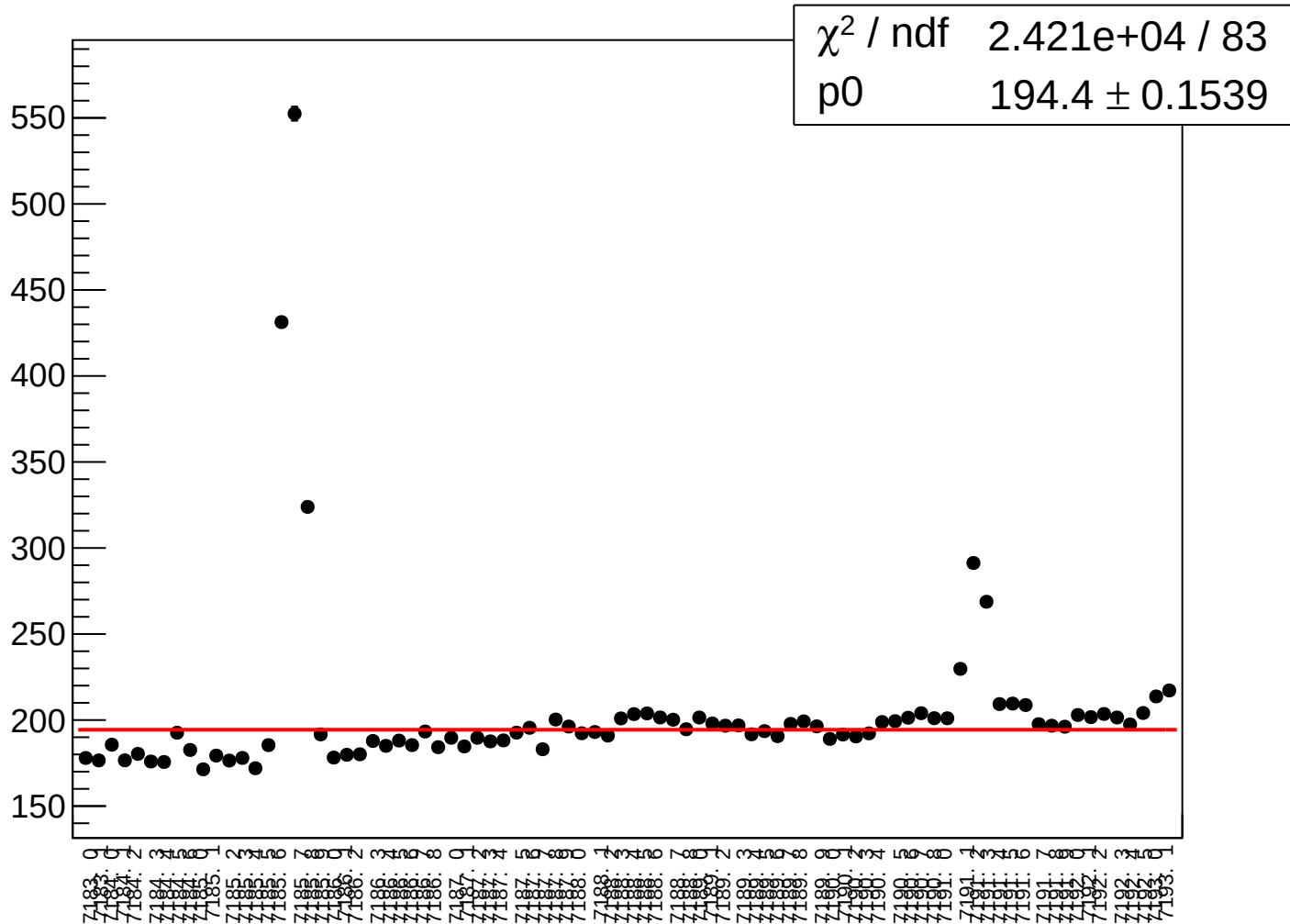
yield_bpm2i02WS_rms vs run



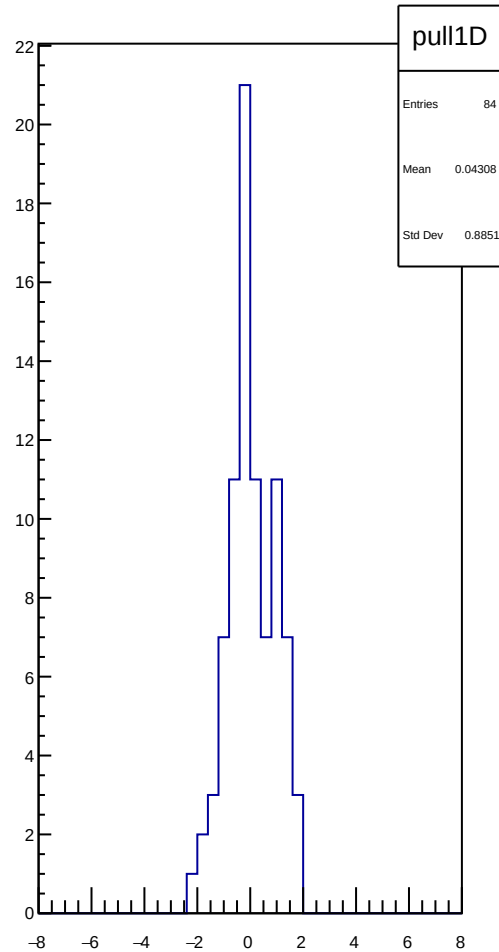
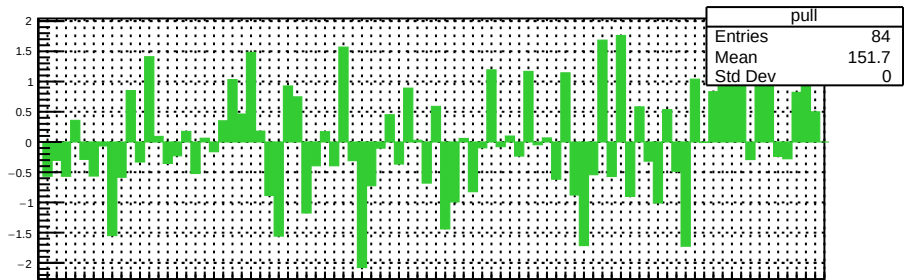
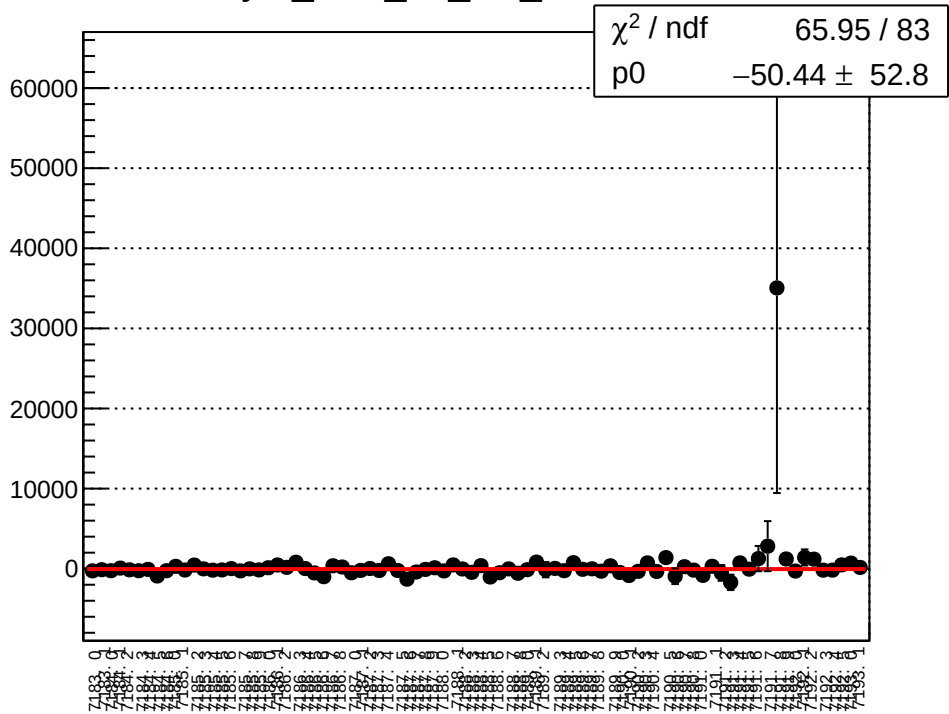
asym_bcm_target_mean vs run



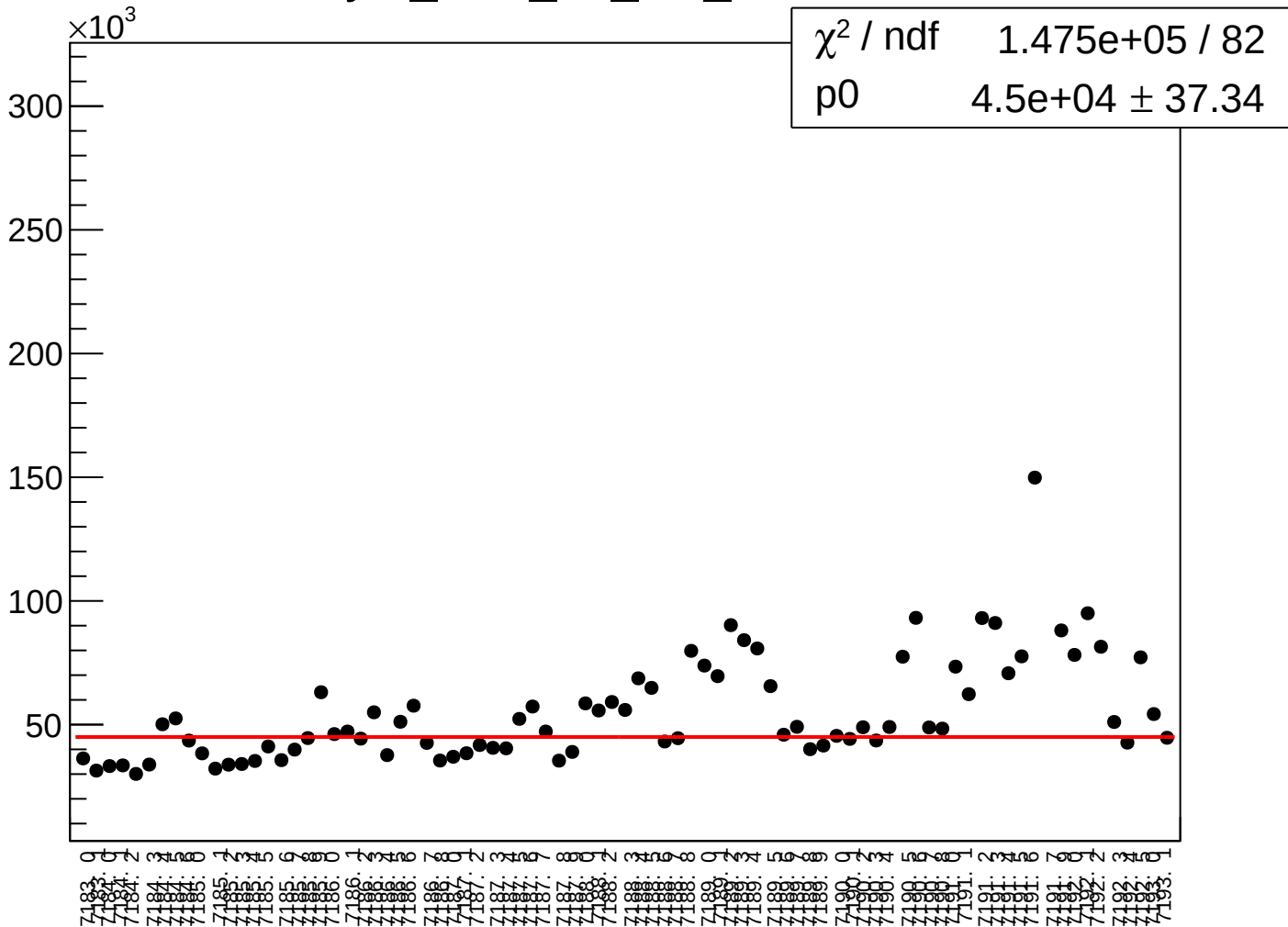
asym_bcm_target_rms vs run



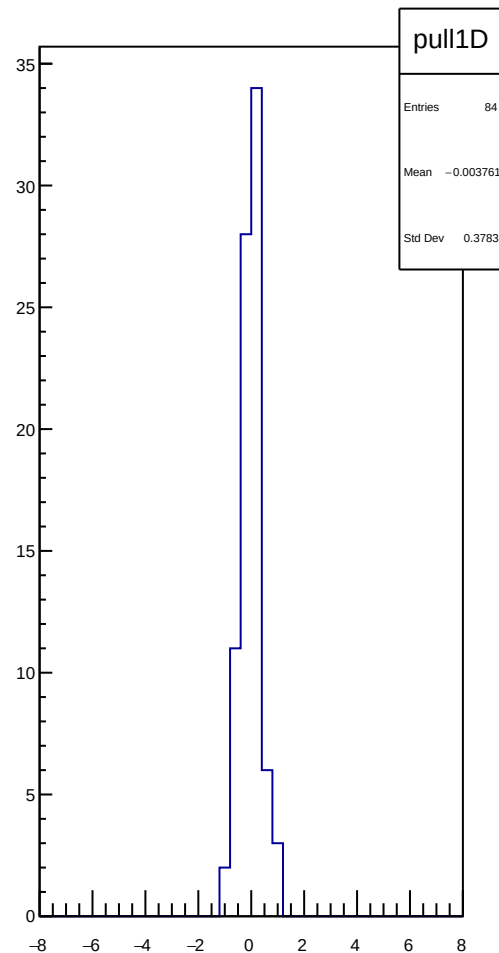
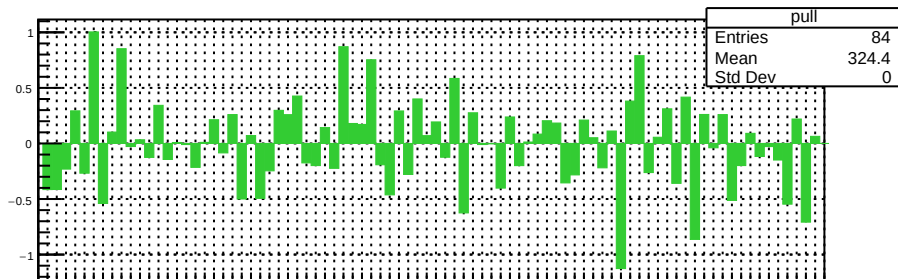
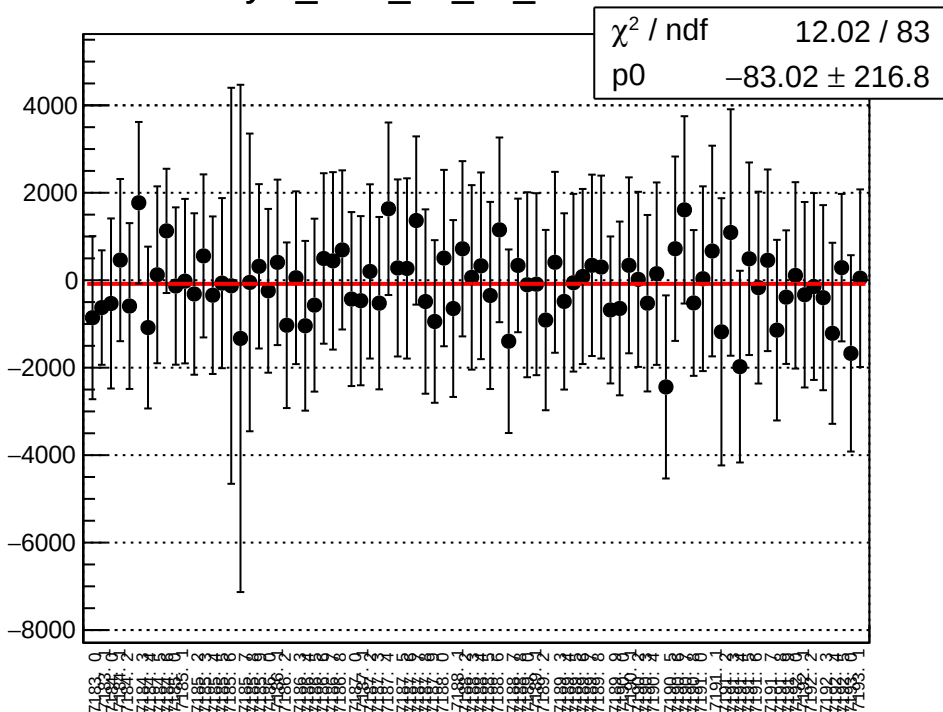
asym_bcm_an_diff_mean vs run



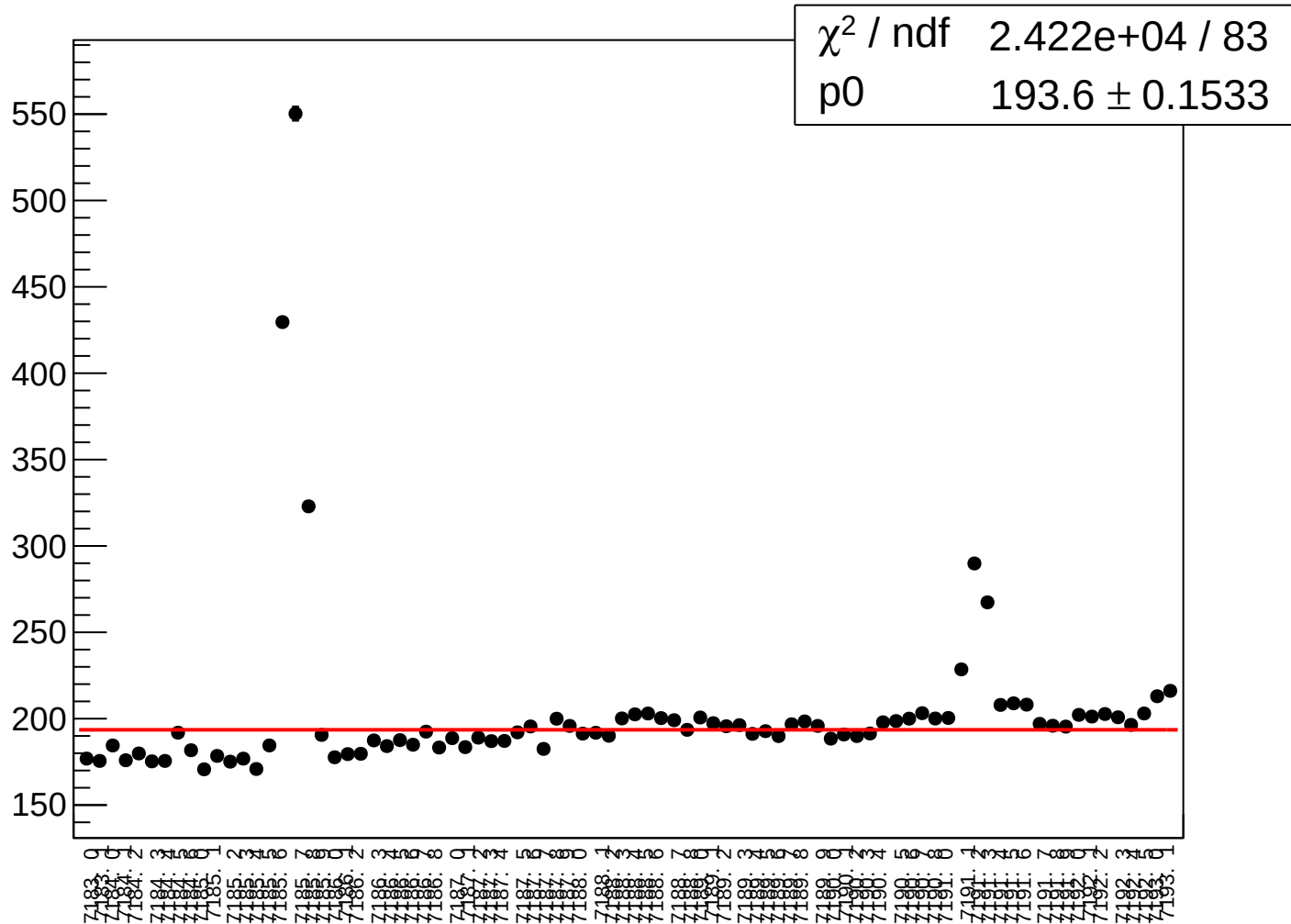
asym_bcm_an_diff_rms vs run



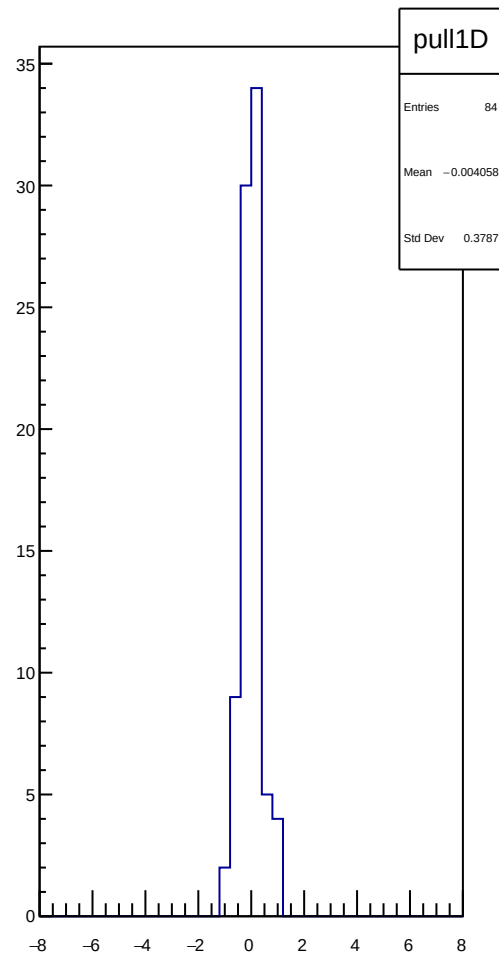
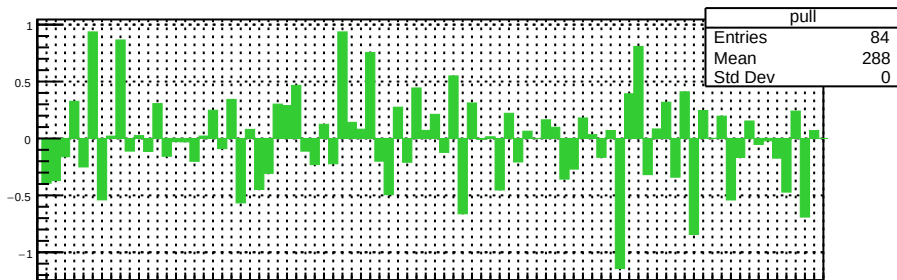
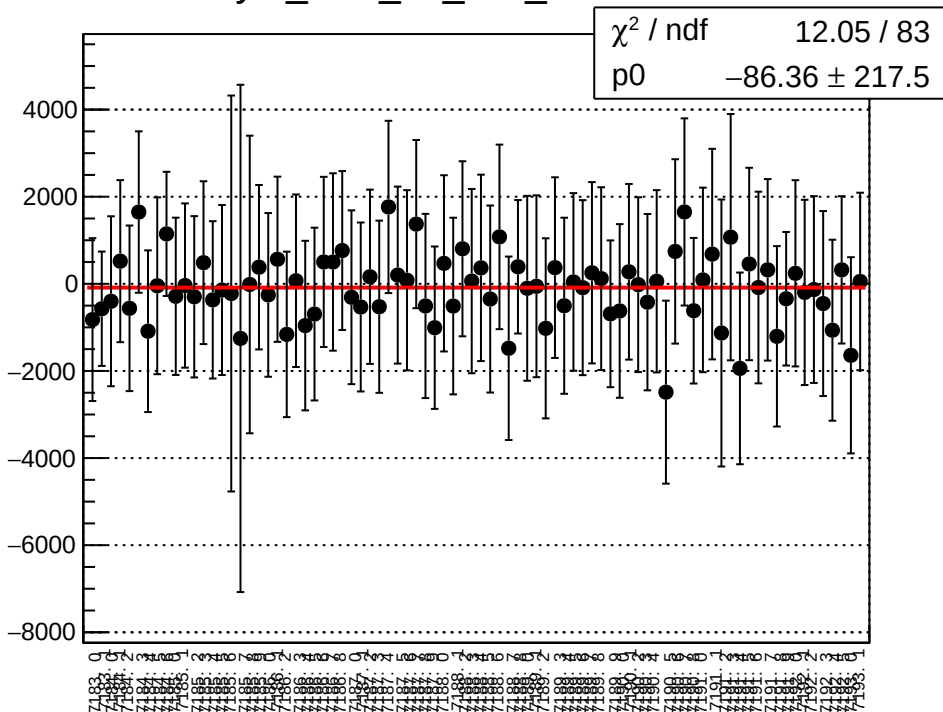
asym_bcm_an_ds_mean vs run



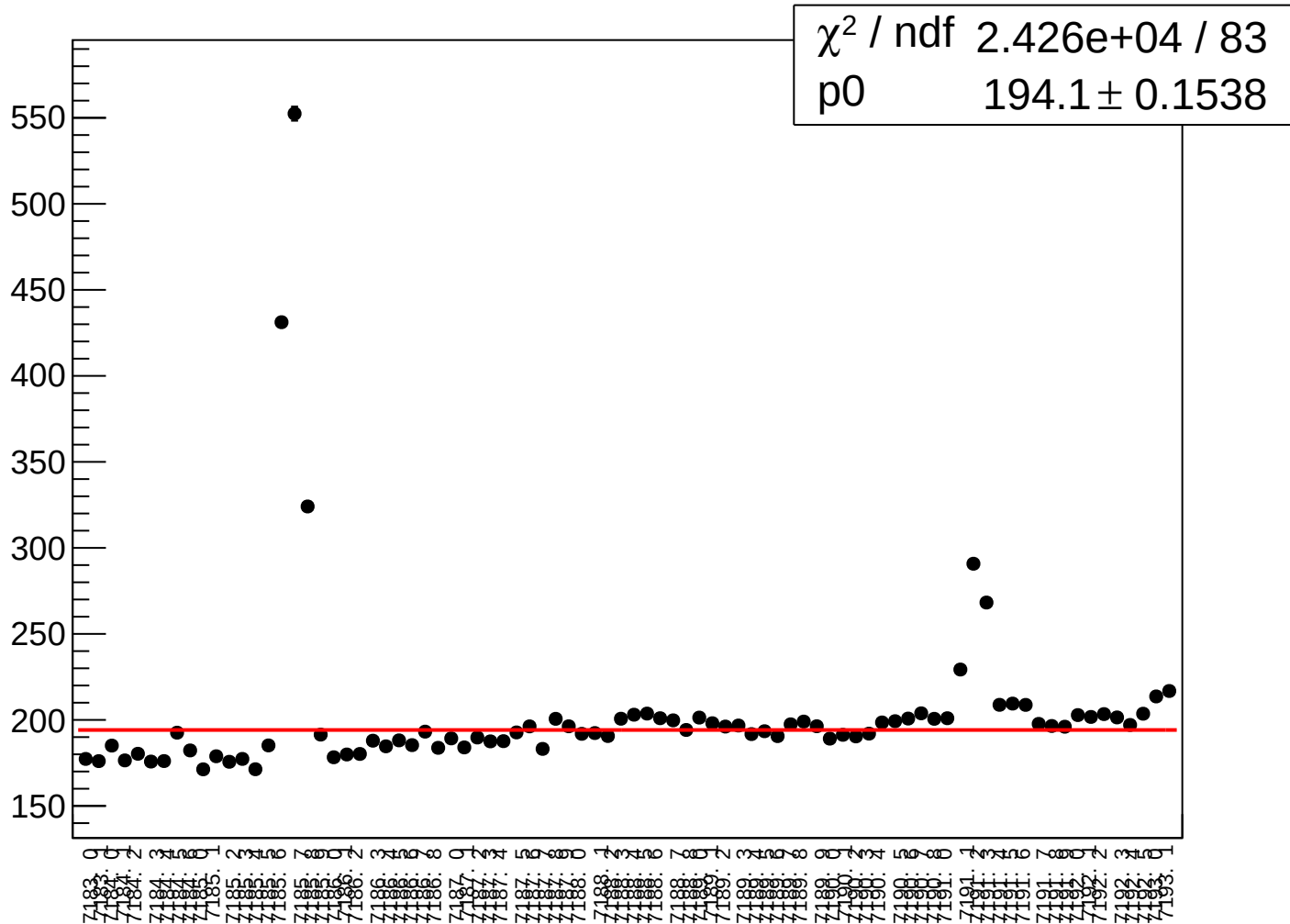
asym_bcm_an_ds_rms vs run



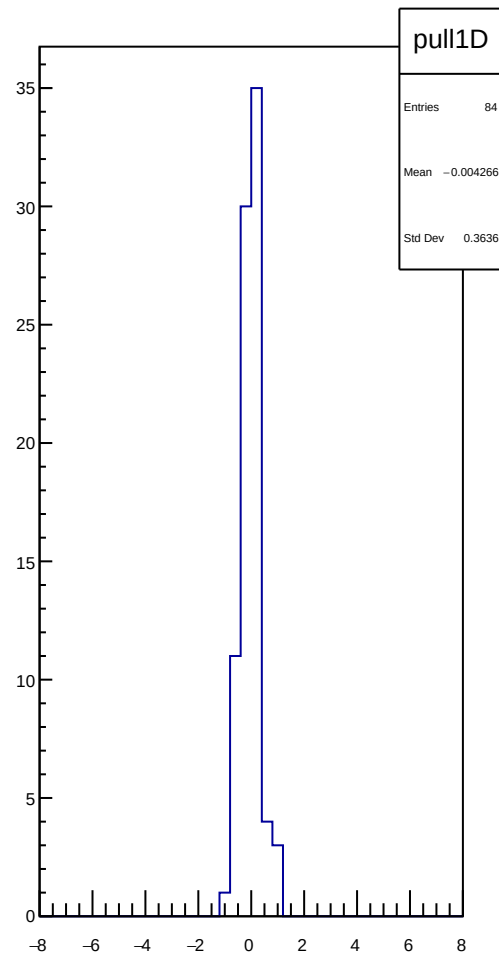
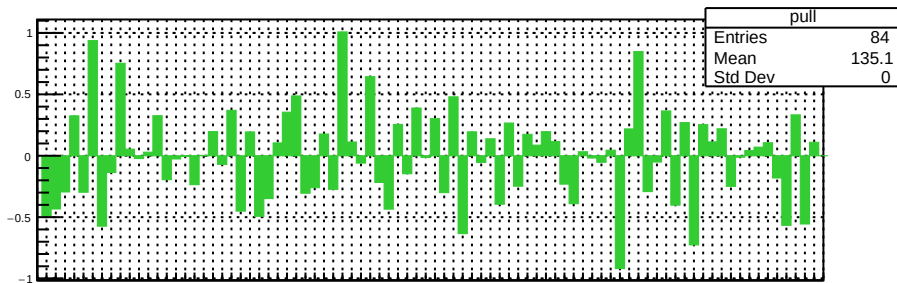
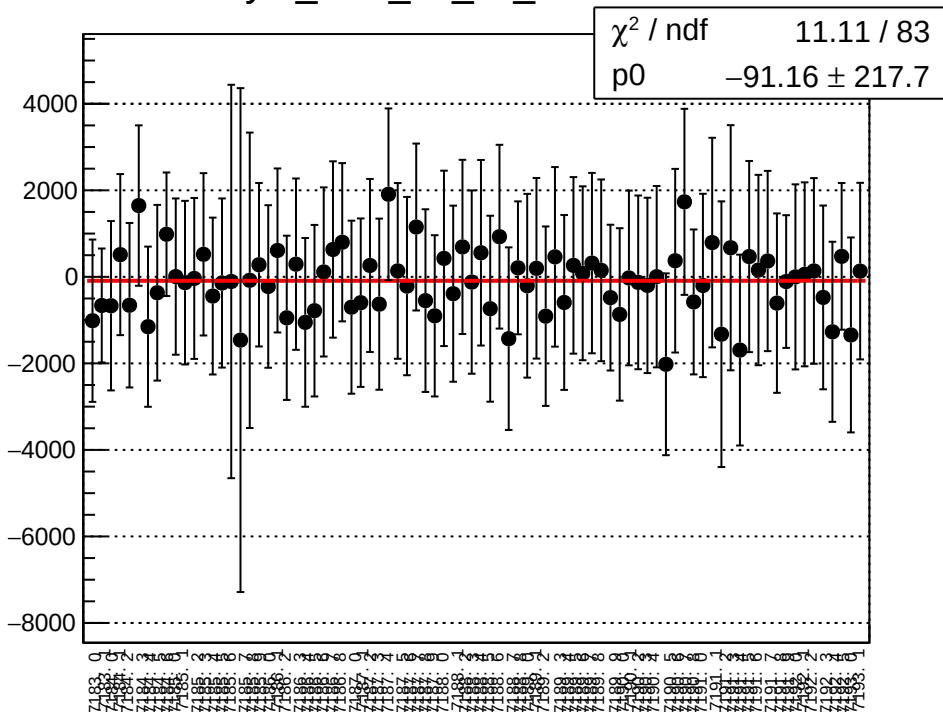
asym_bcm_an_ds3_mean vs run



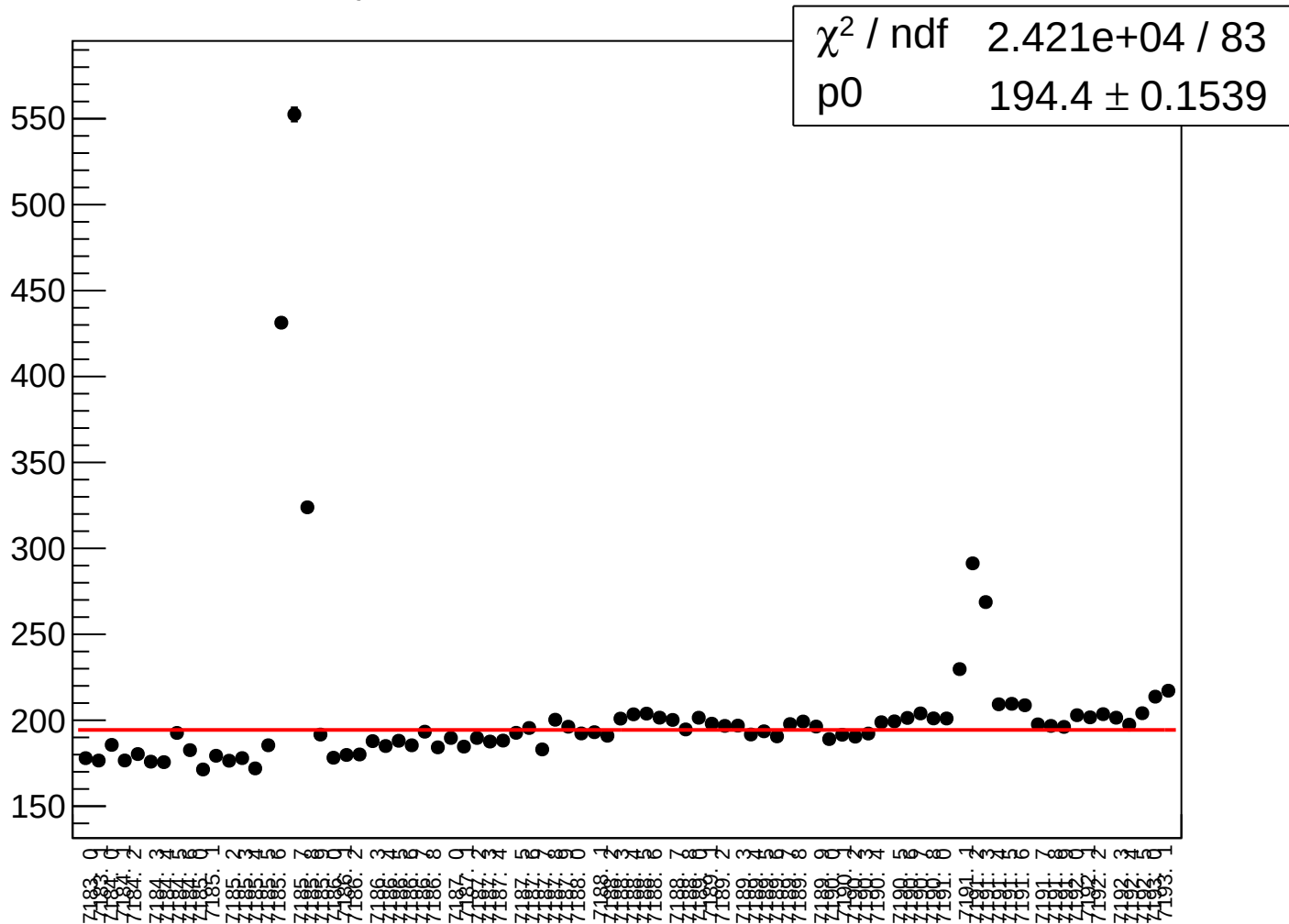
asym_bcm_an_ds3_rms vs run



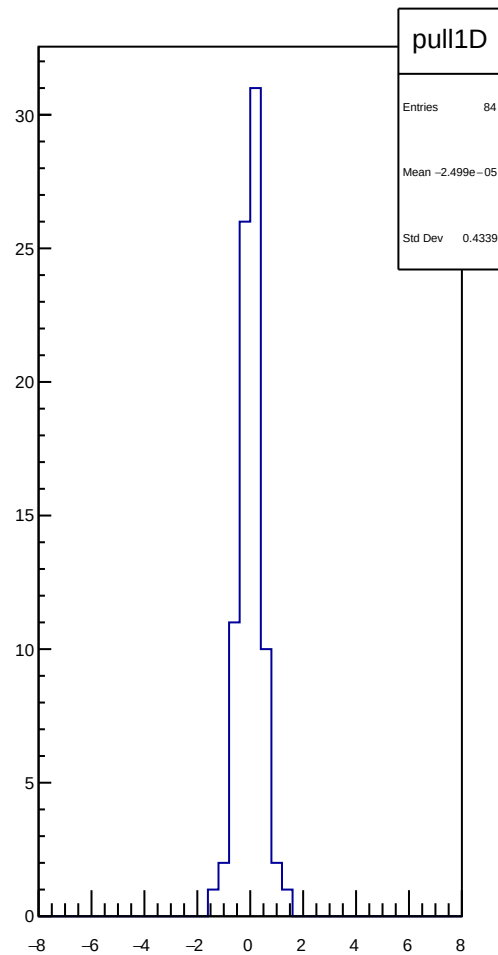
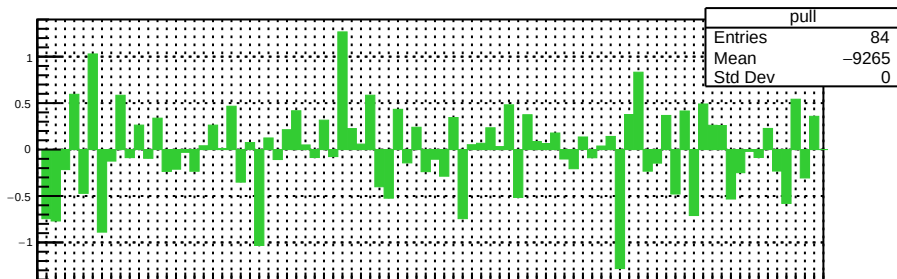
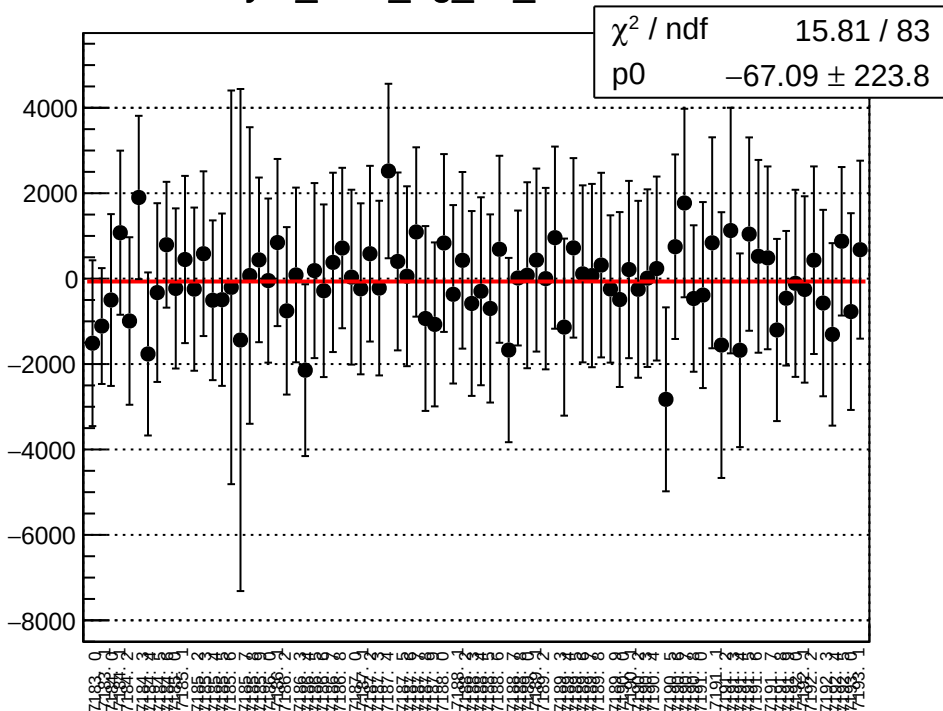
asym_bcm_an_us_mean vs run



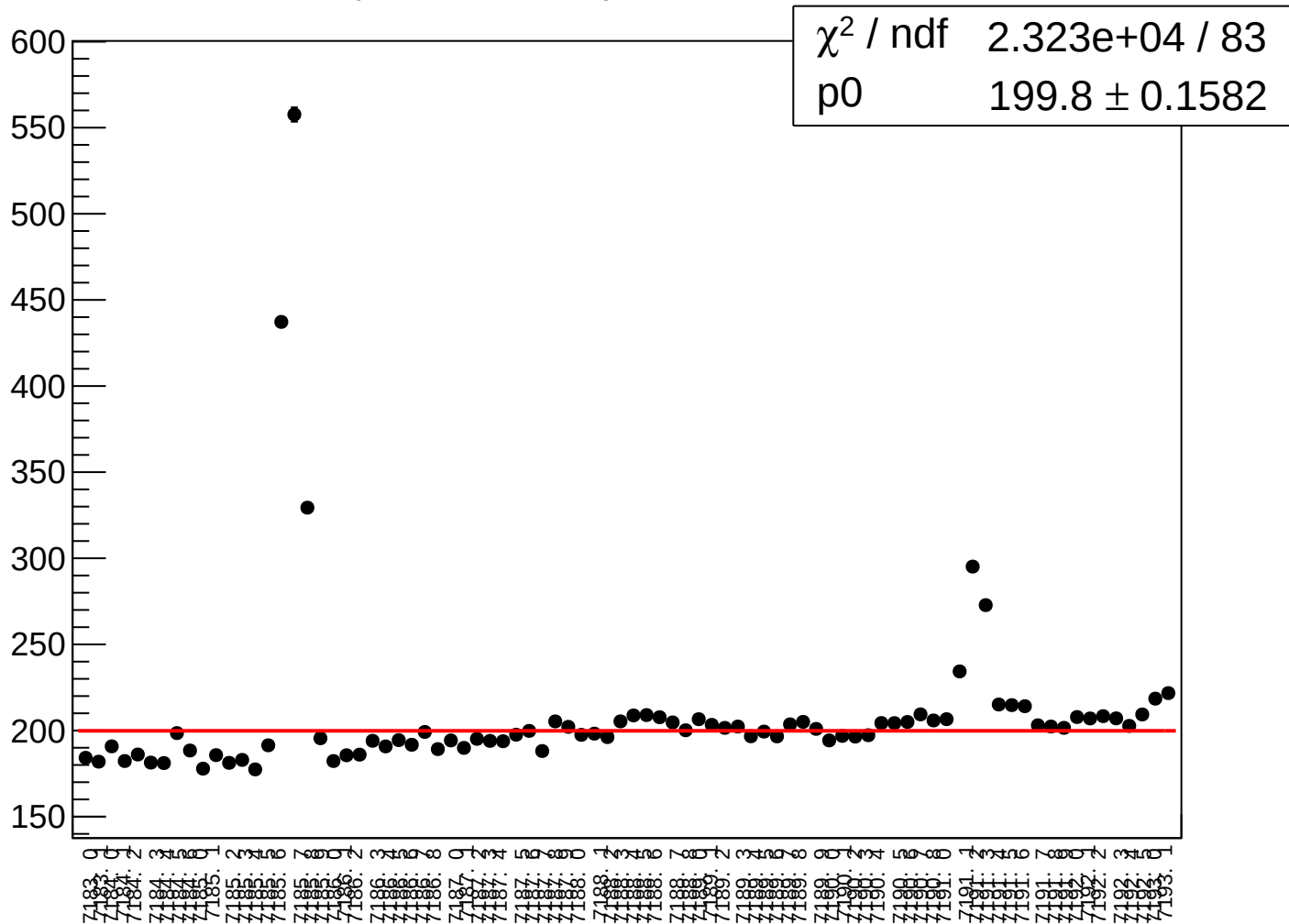
asym_bcm_an_us_rms vs run



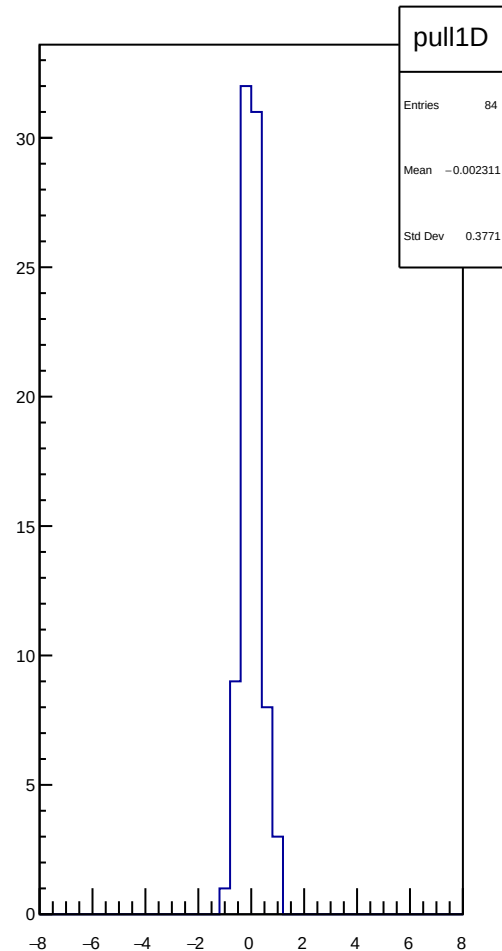
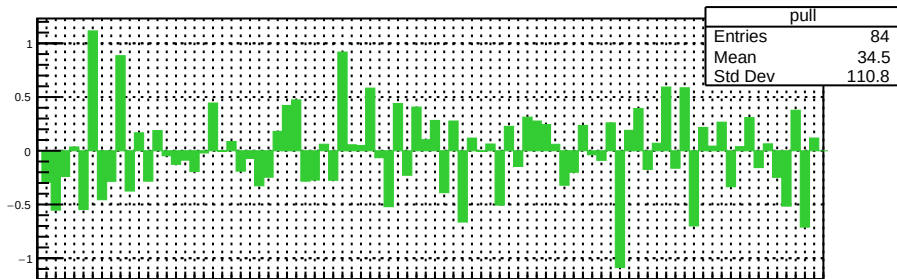
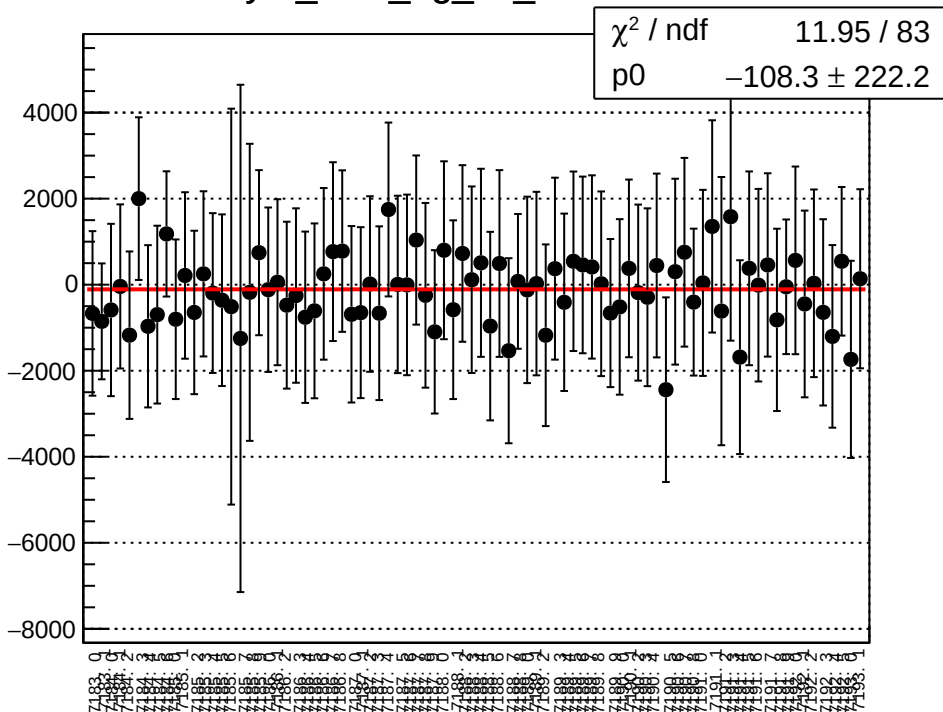
asym_bcm_dg_us_mean vs run



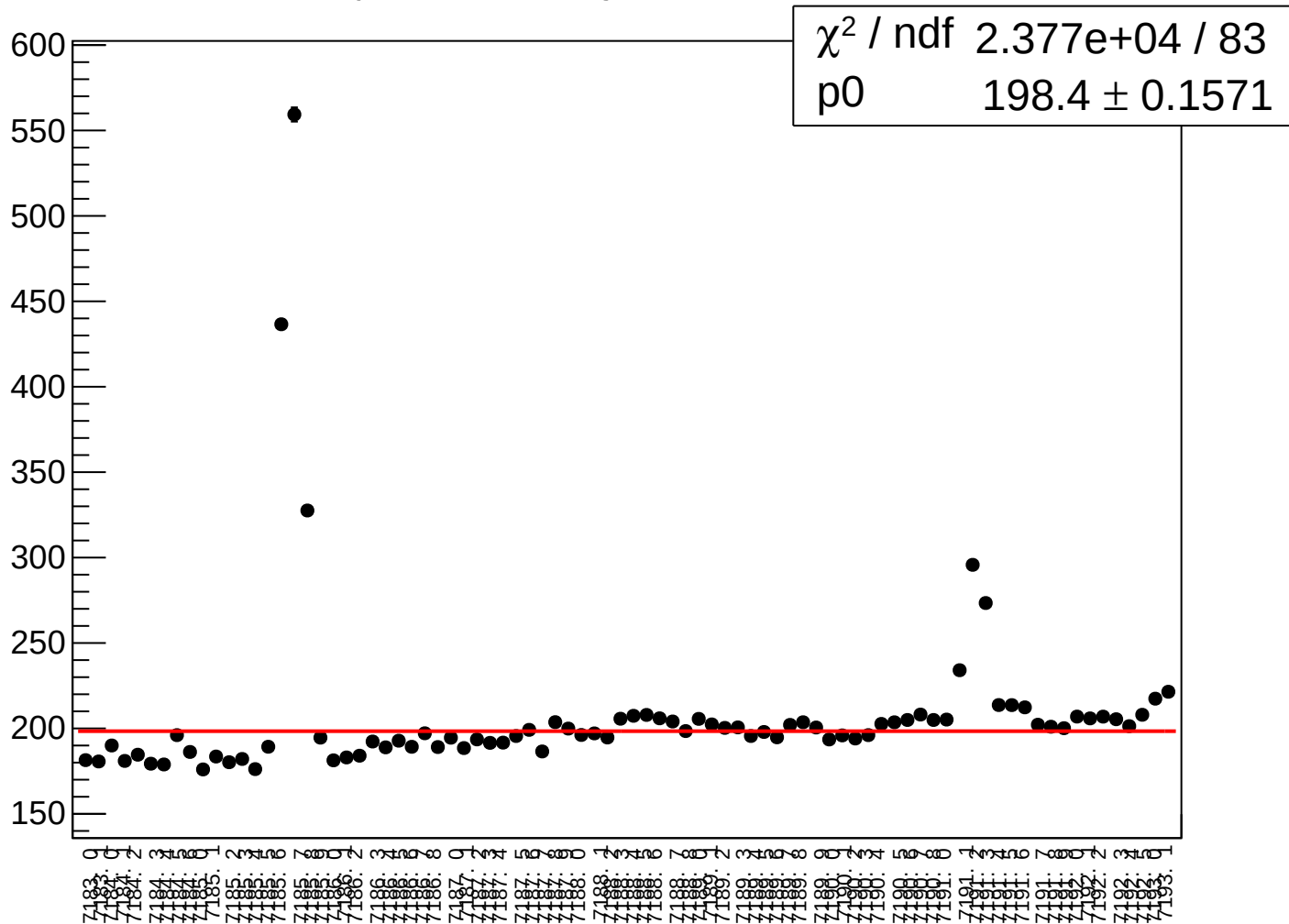
asym_bcm_dg_us_rms vs run



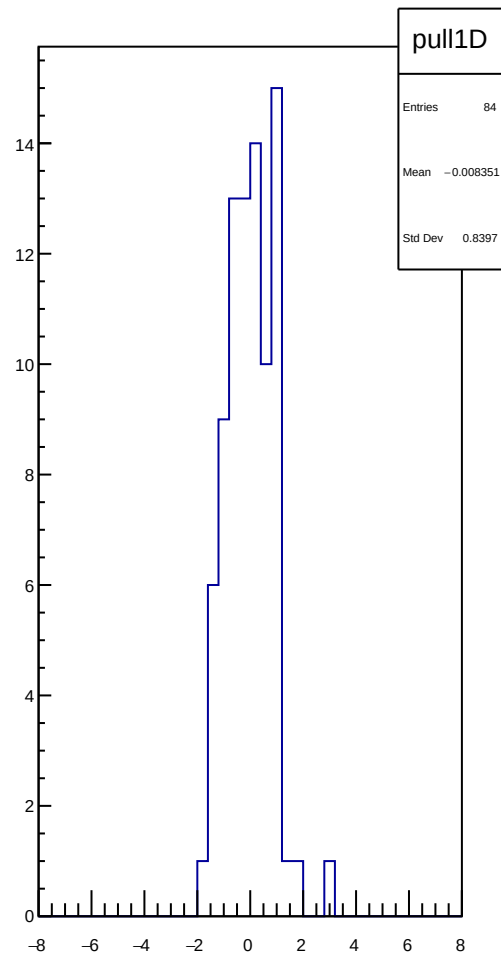
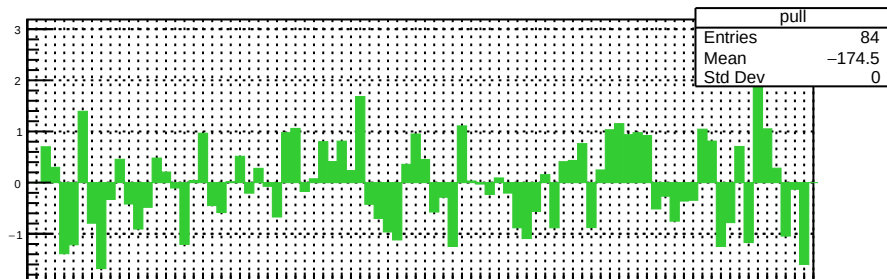
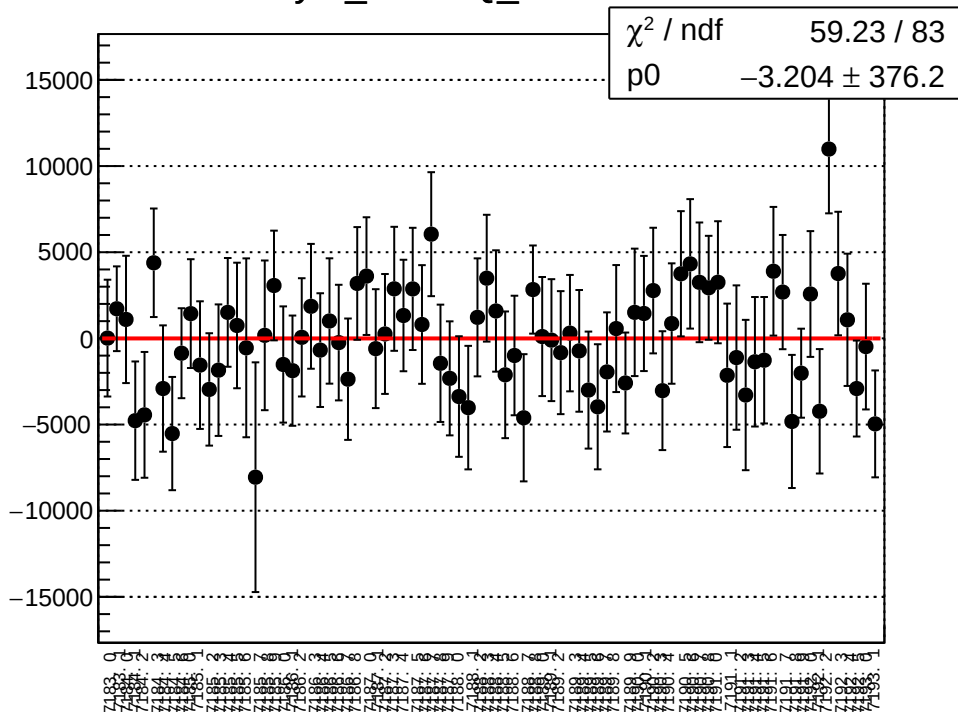
asym_bcm_dg_ds_mean vs run



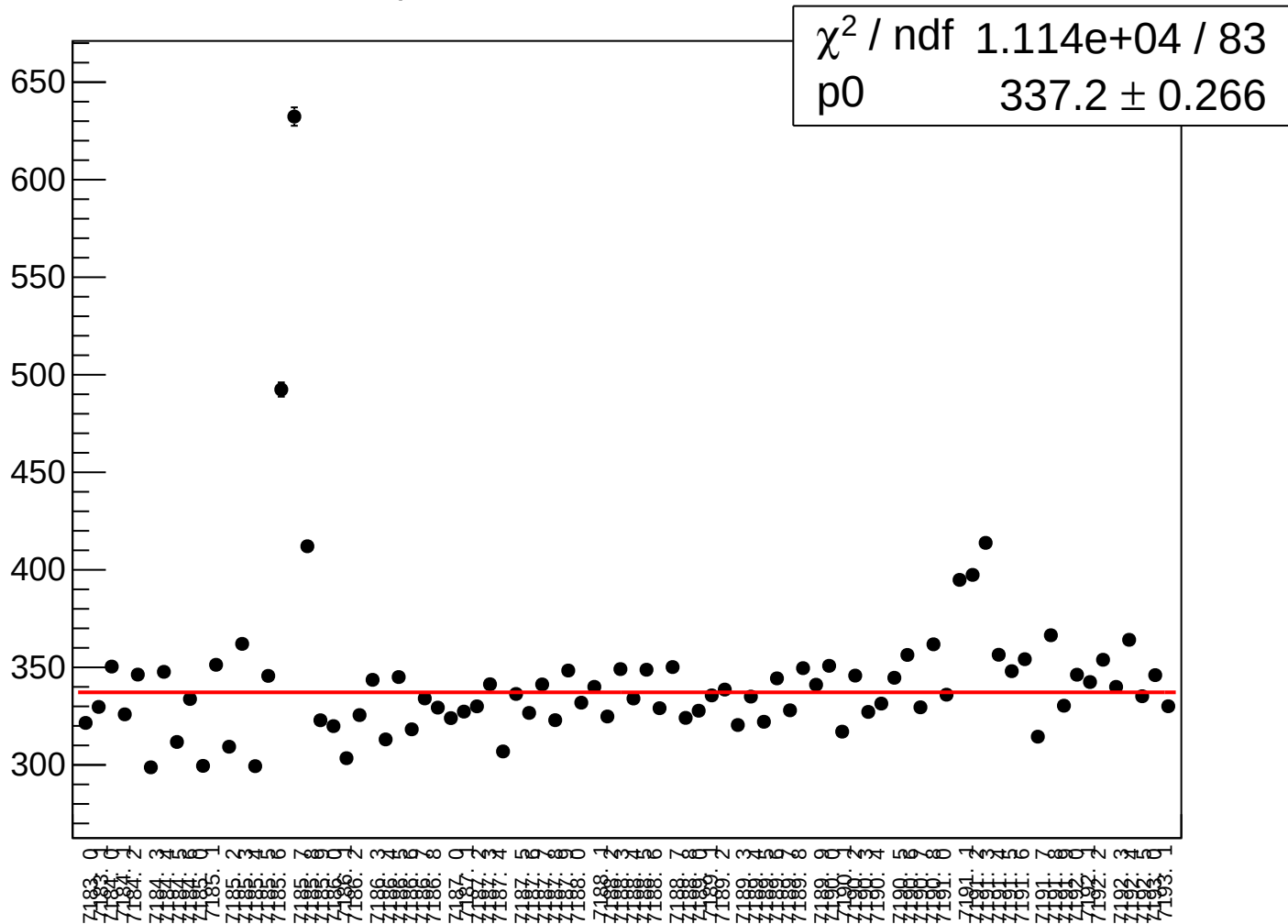
asym_bcm_dg_ds_rms vs run



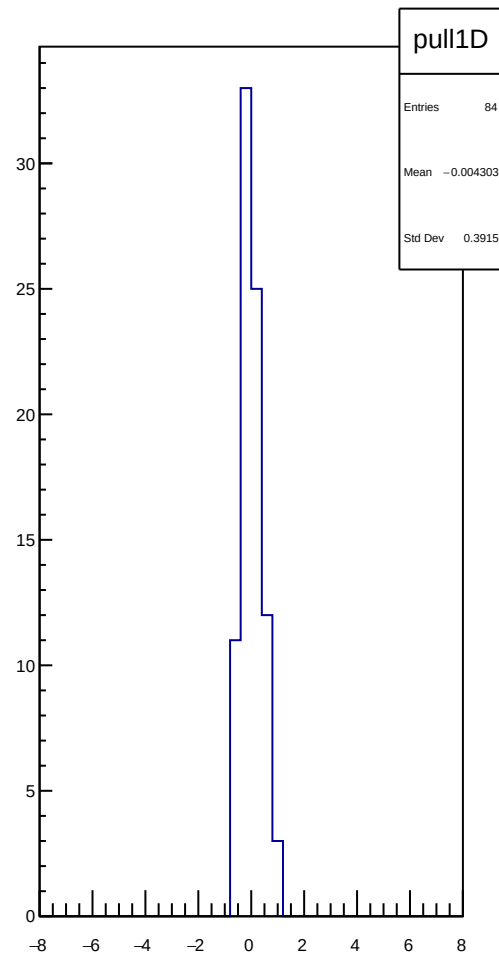
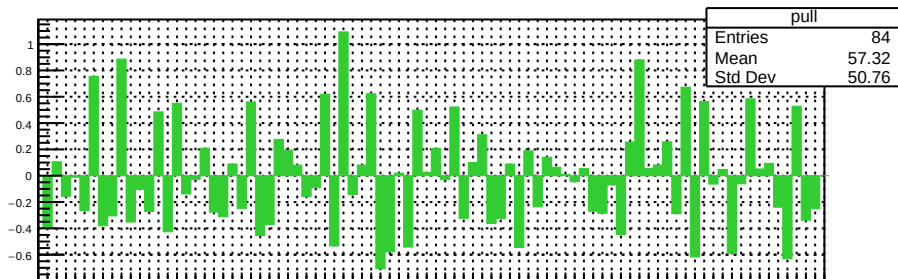
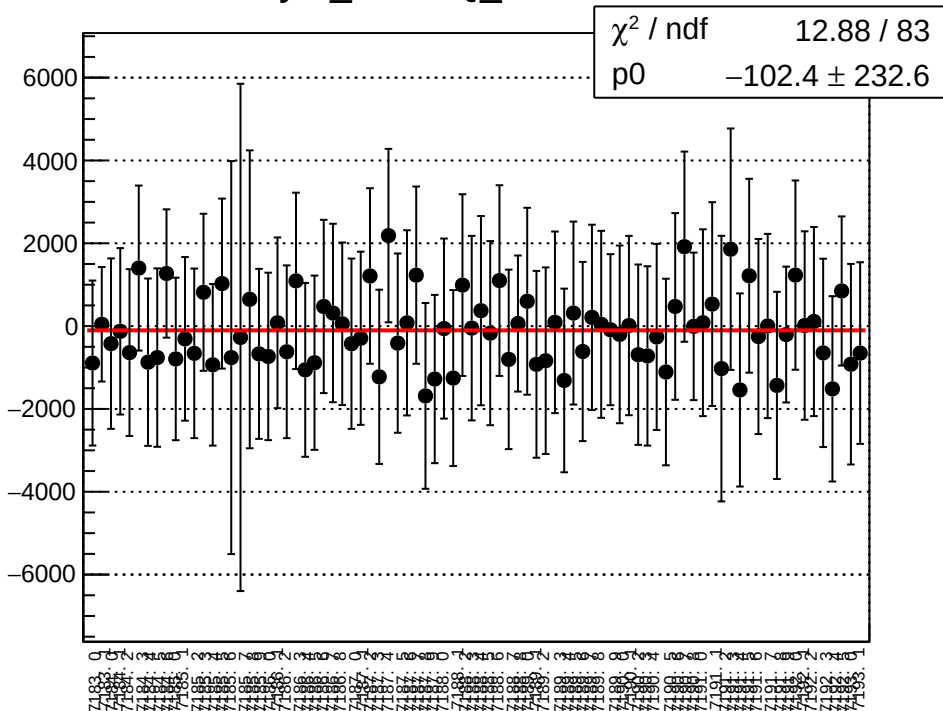
asym_cav4bQ_mean vs run



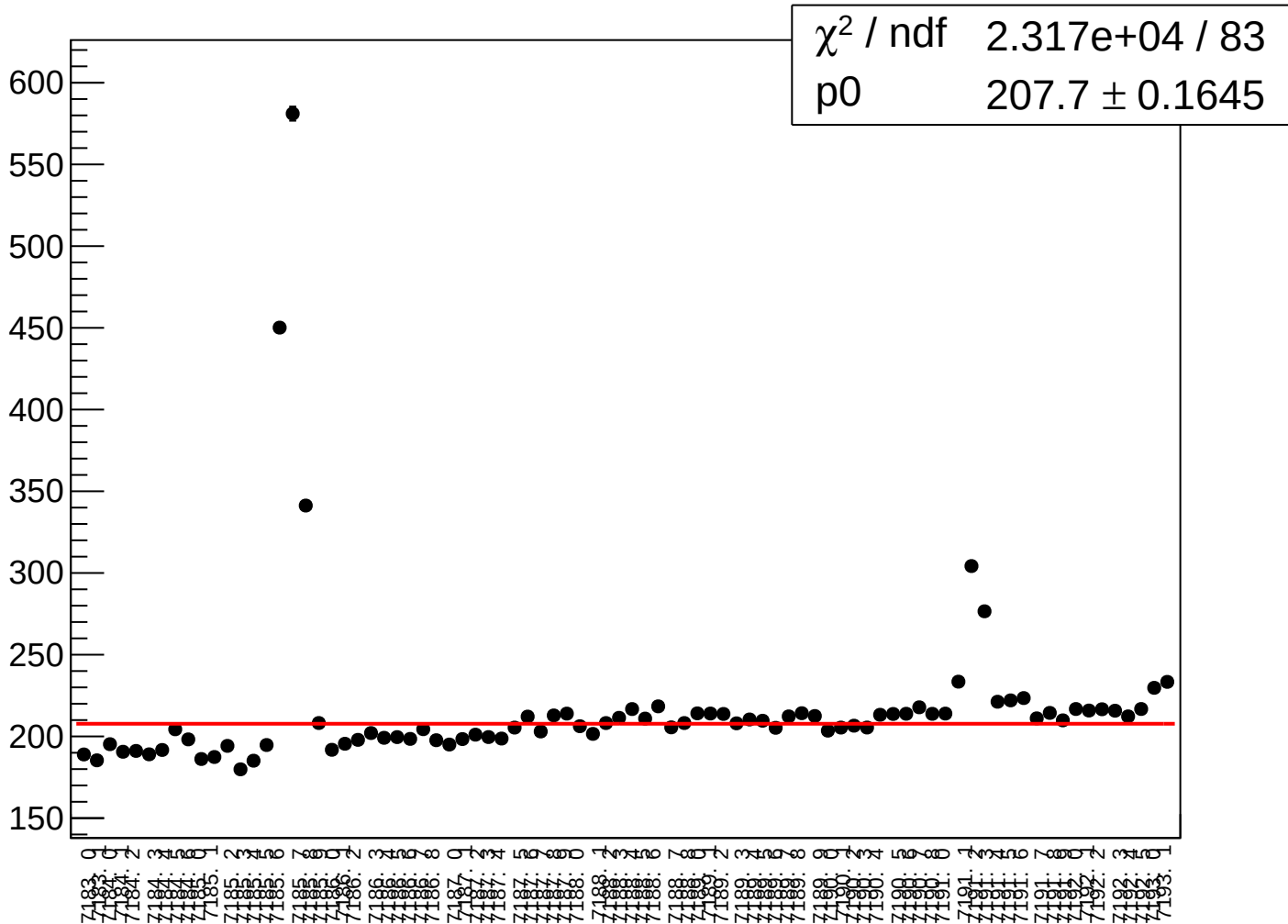
asym_cav4bQ_rms vs run



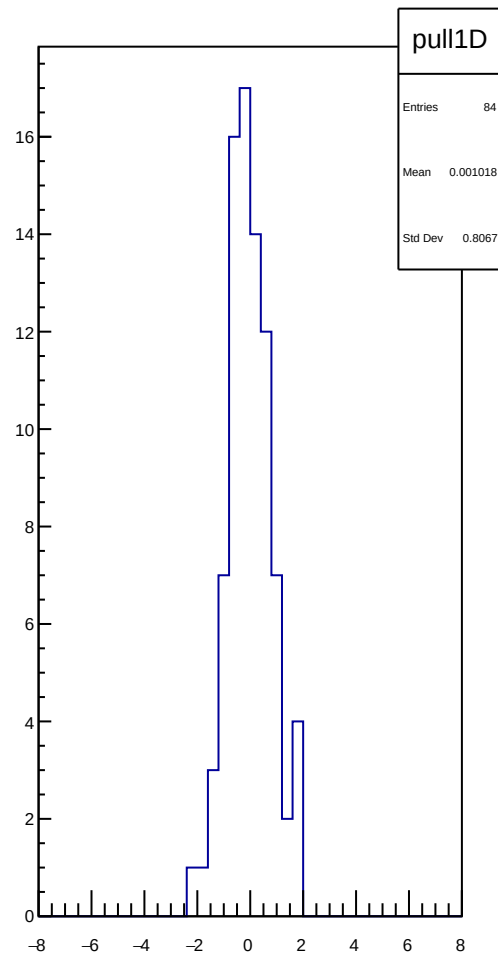
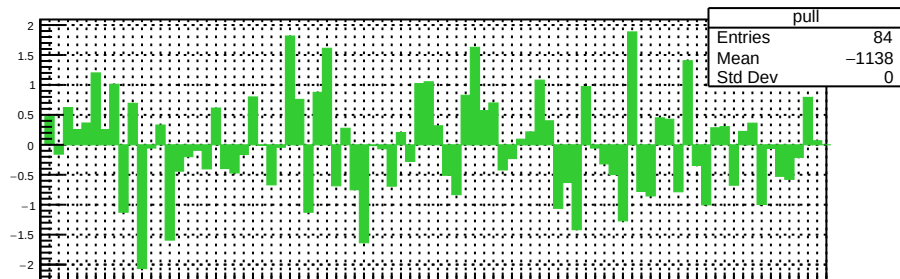
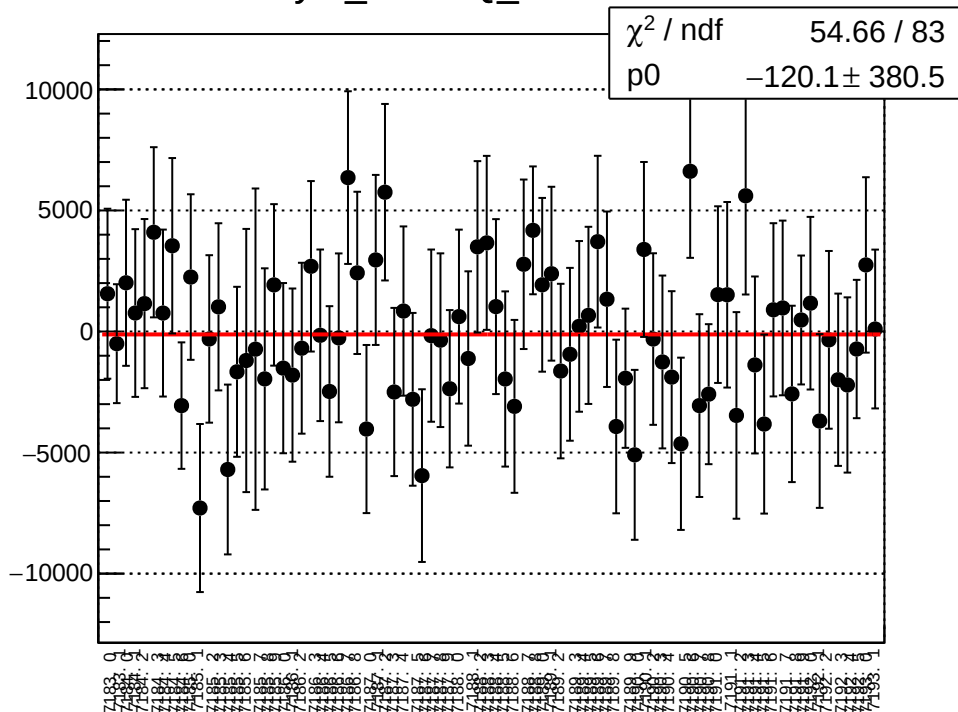
asym_cav4cQ_mean vs run



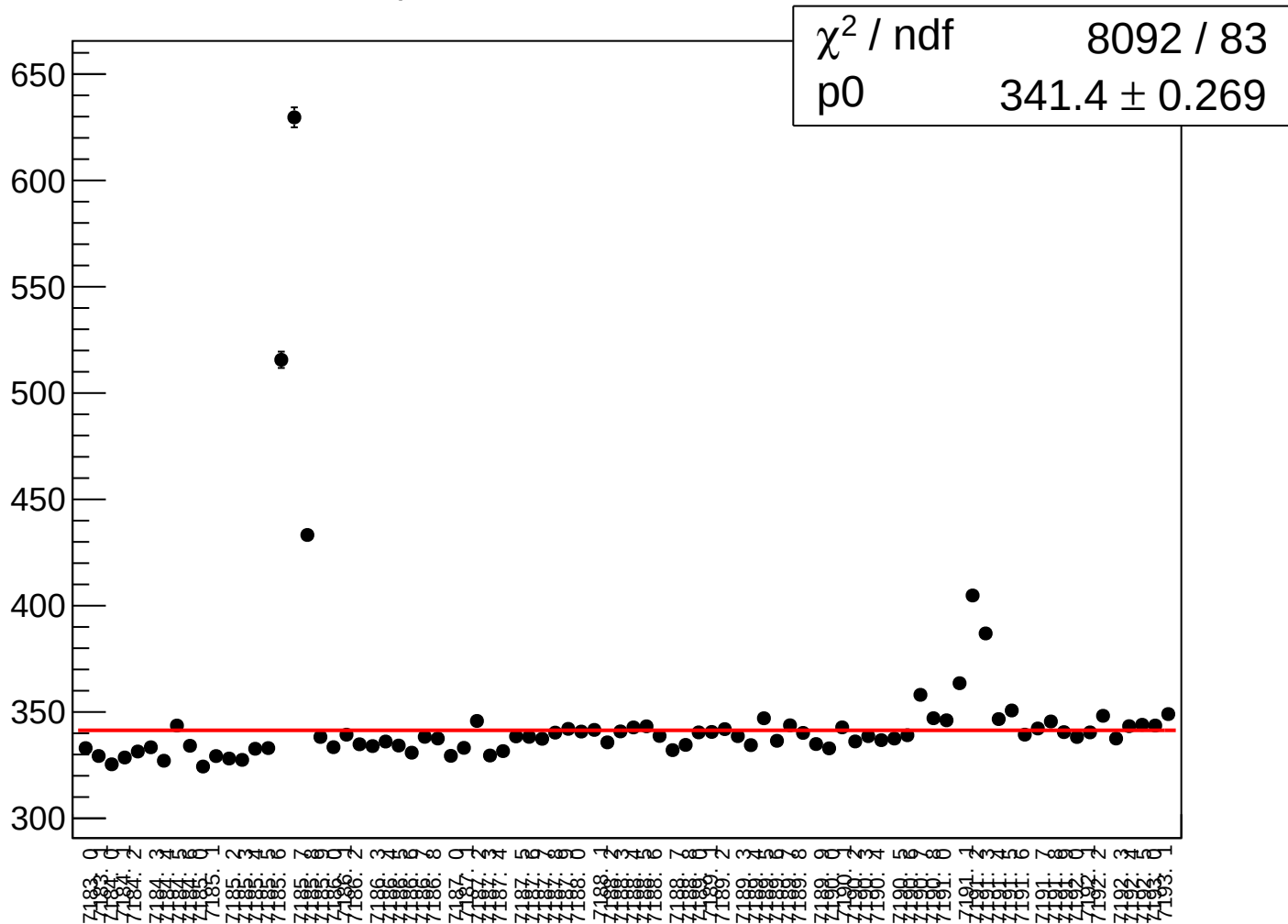
asym_cav4cQ_rms vs run



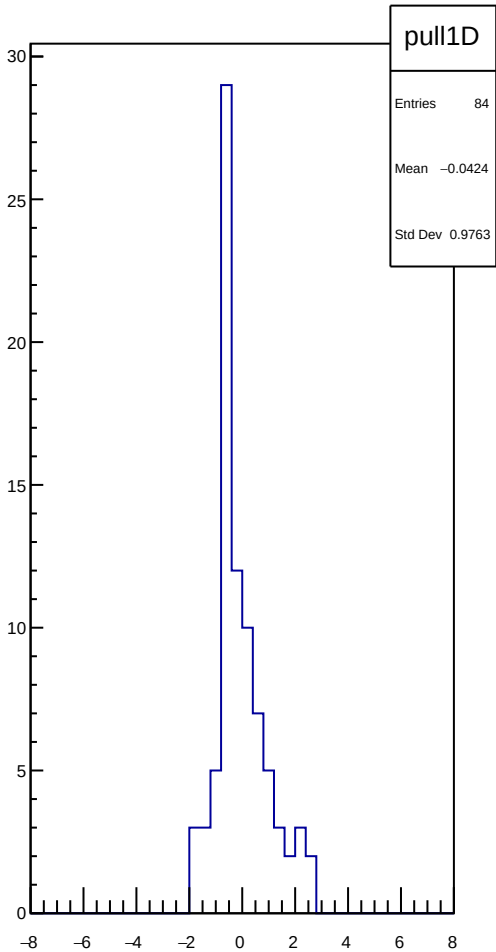
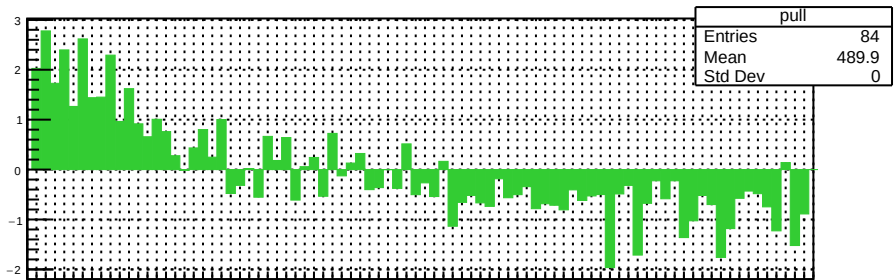
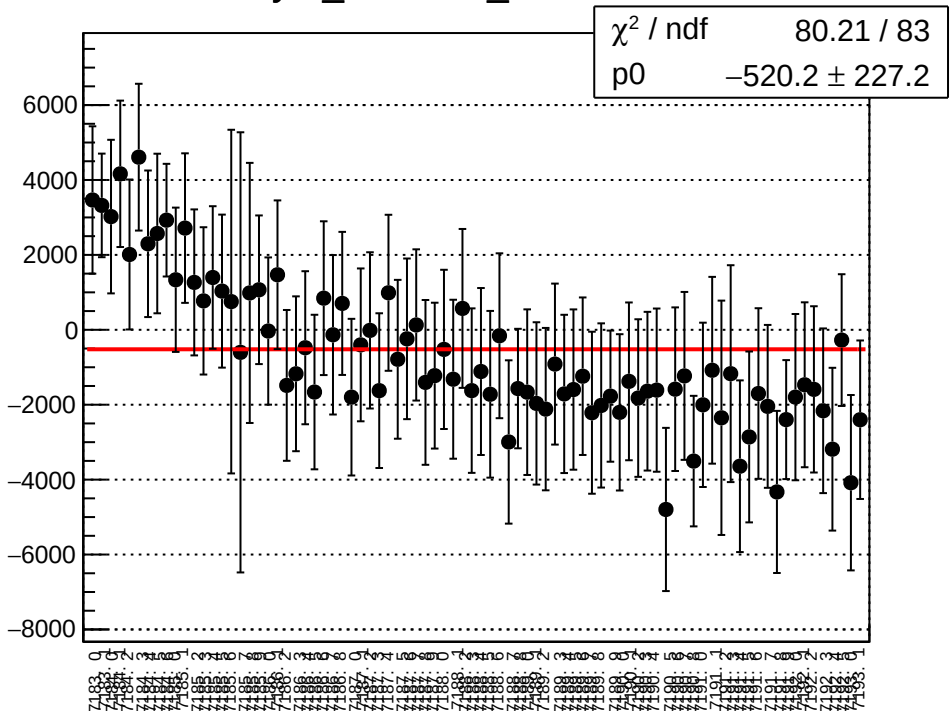
asym_cav4dQ_mean vs run



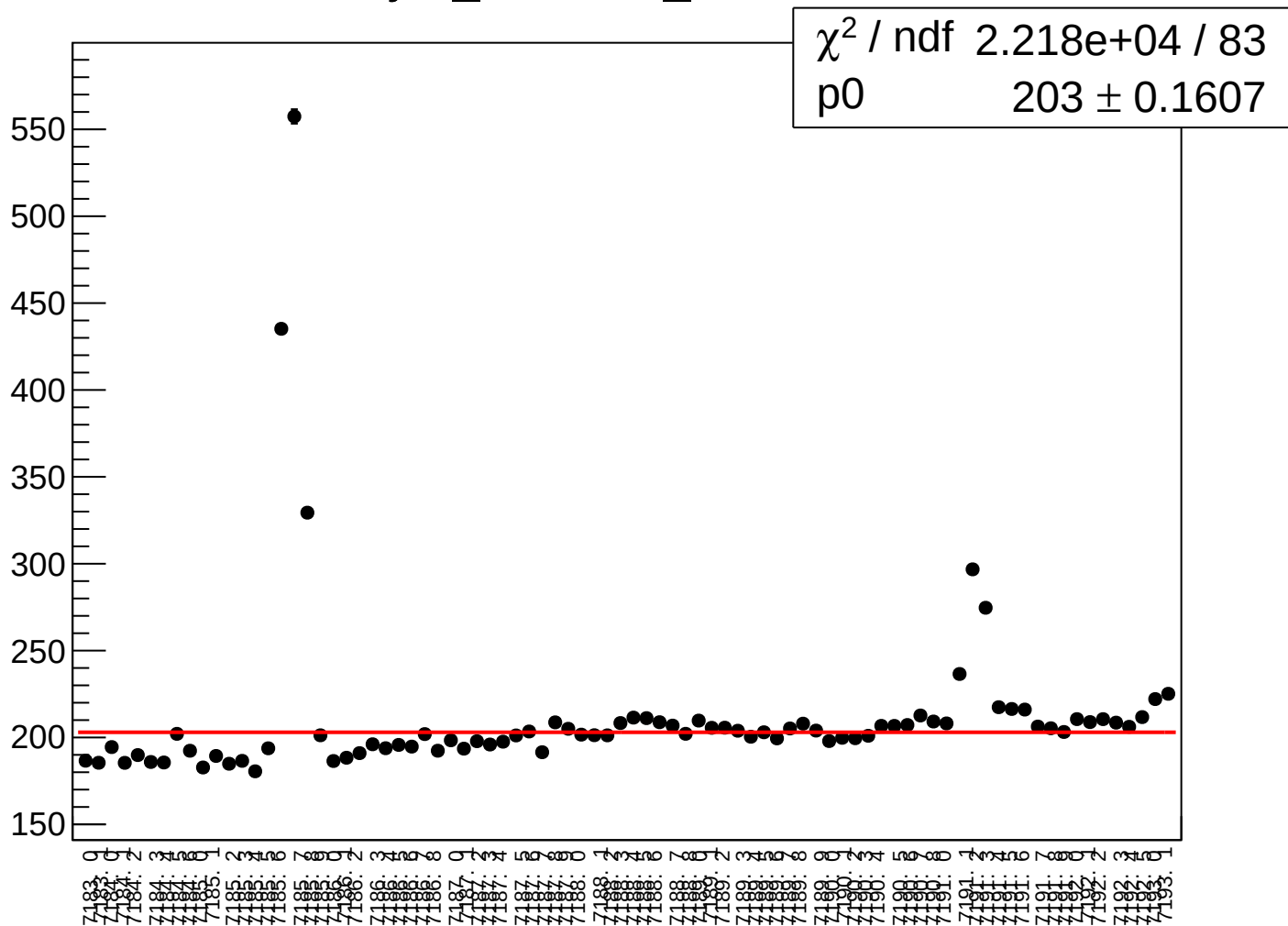
asym_cav4dQ_rms vs run



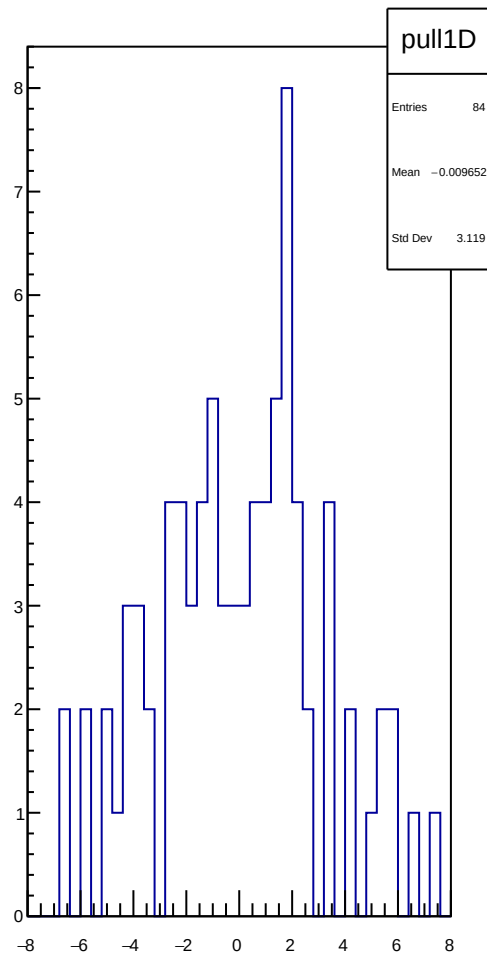
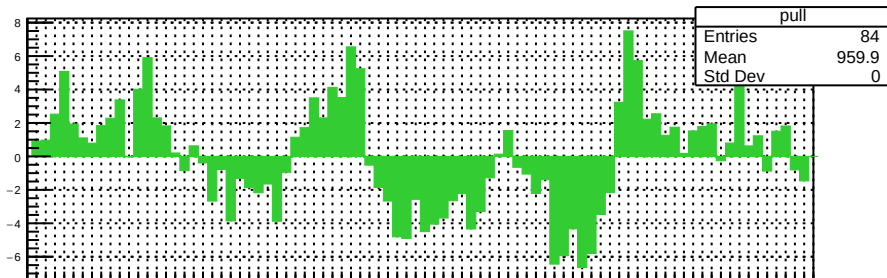
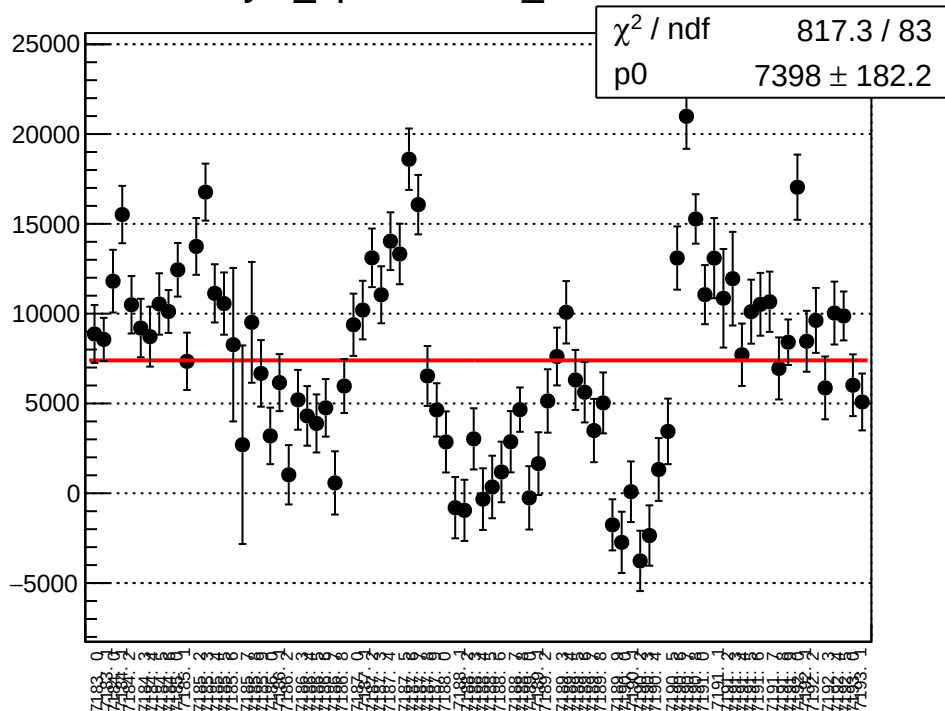
asym_bcm0l02_mean vs run



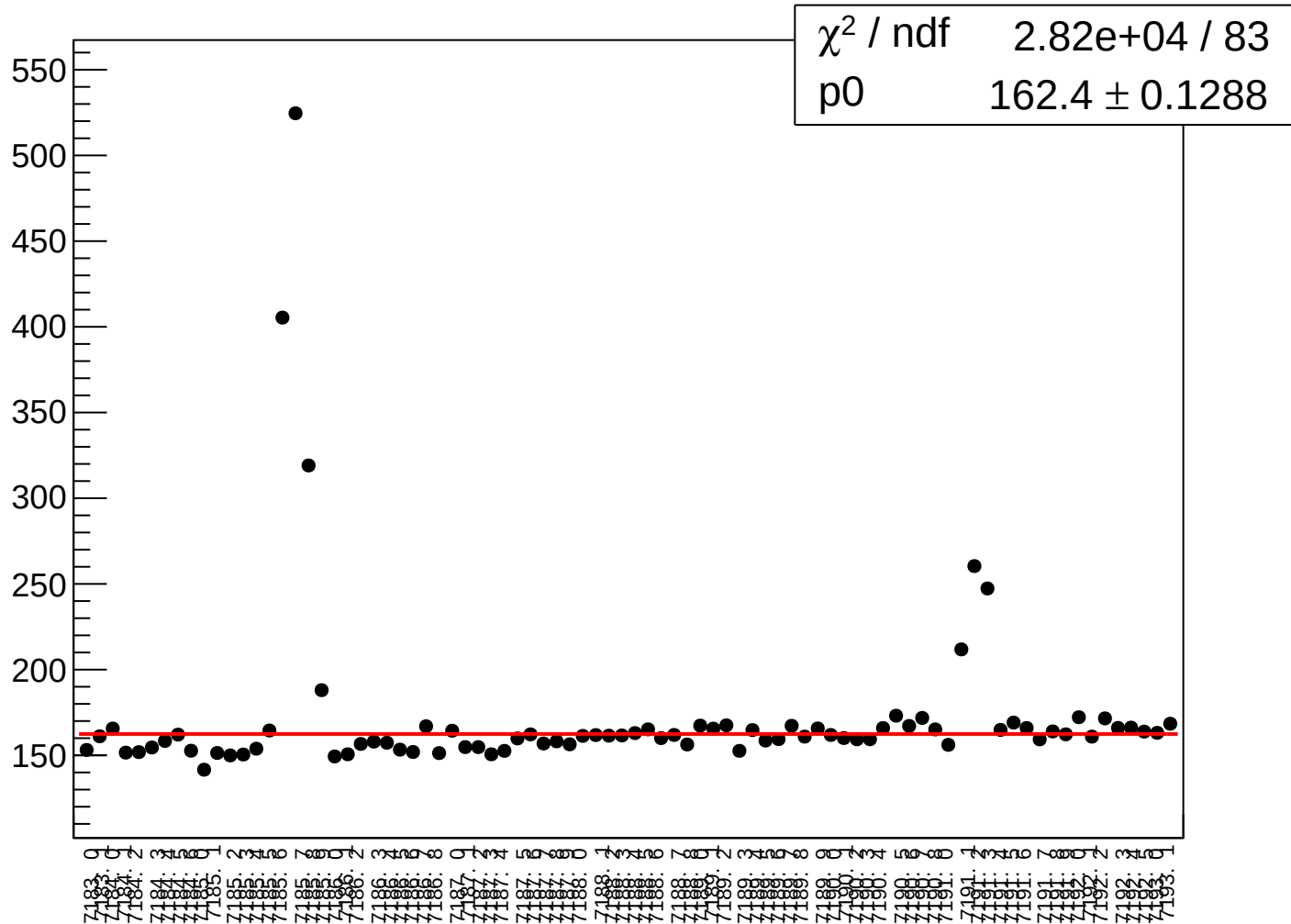
asym_bcm0l02_rms vs run



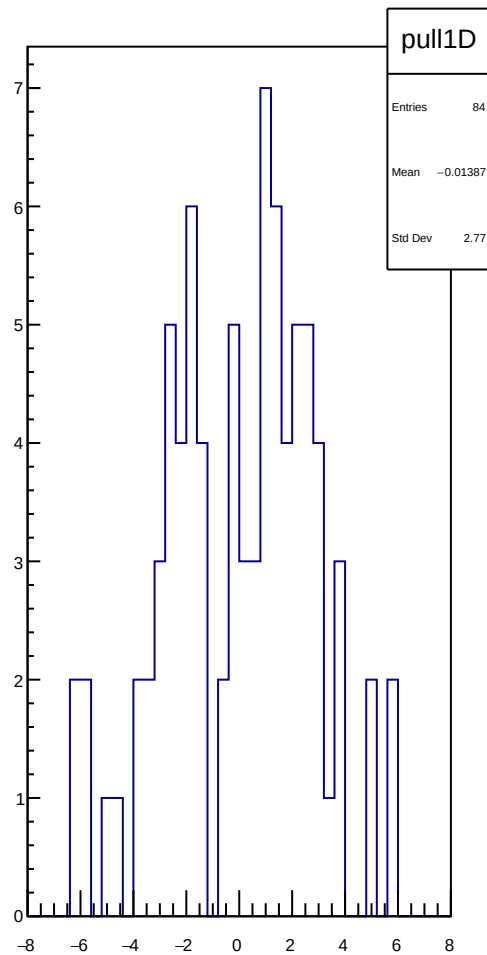
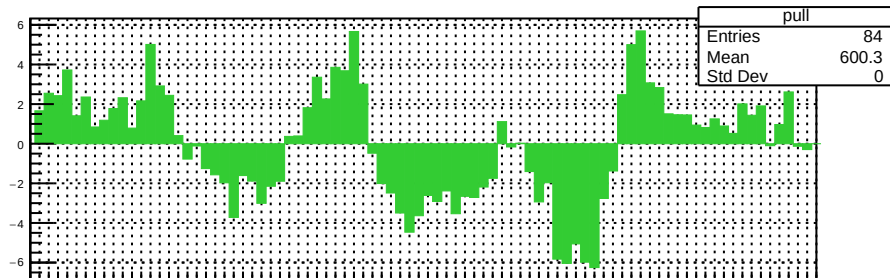
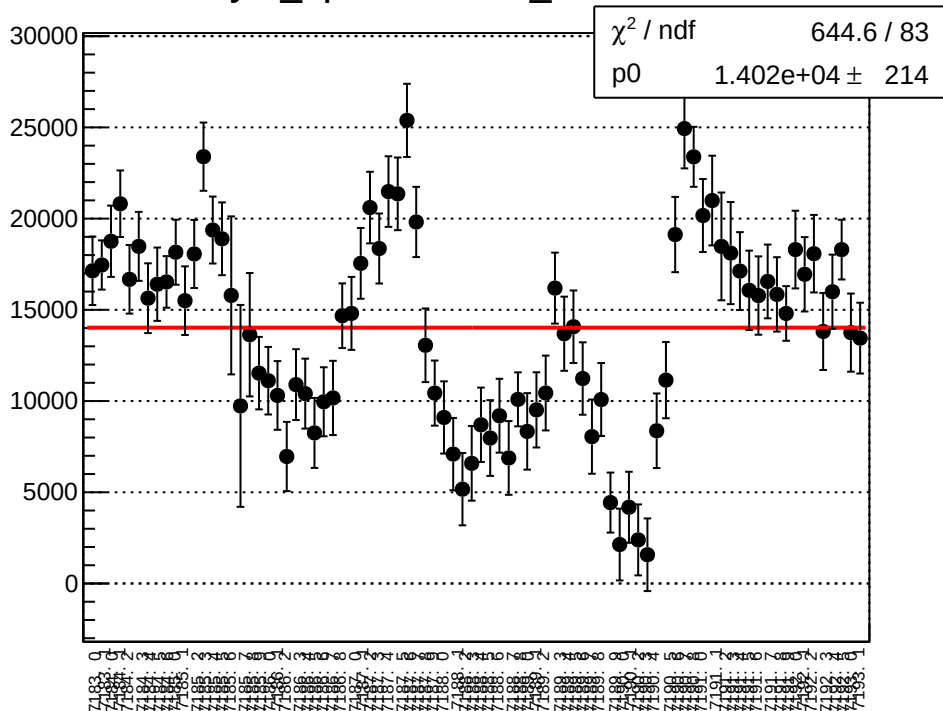
asym_bpm0i02WS_mean vs run



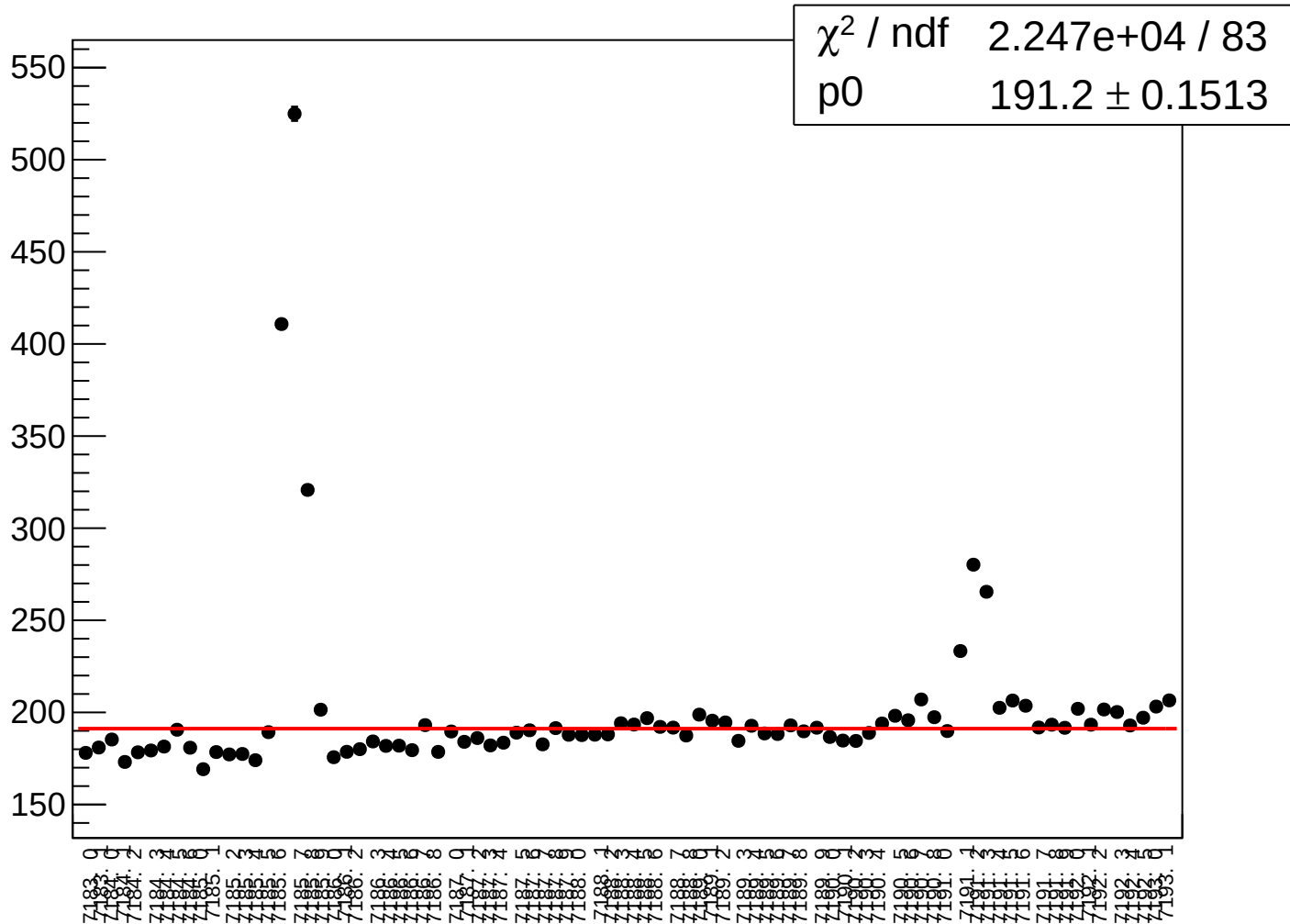
asym_bpm0i02WS_rms vs run



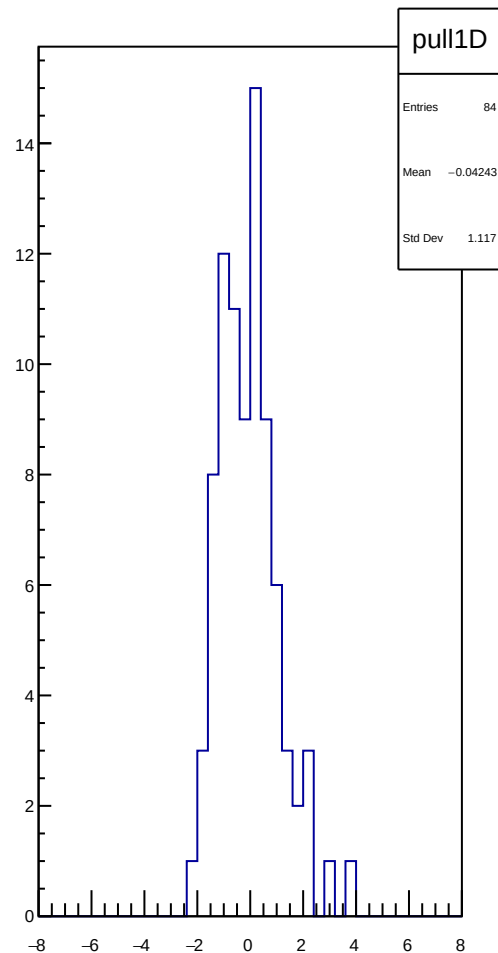
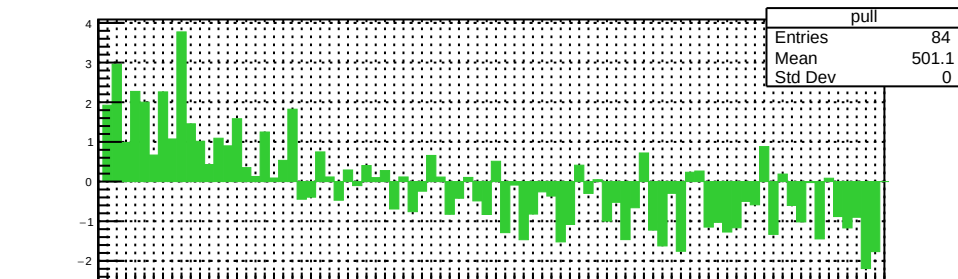
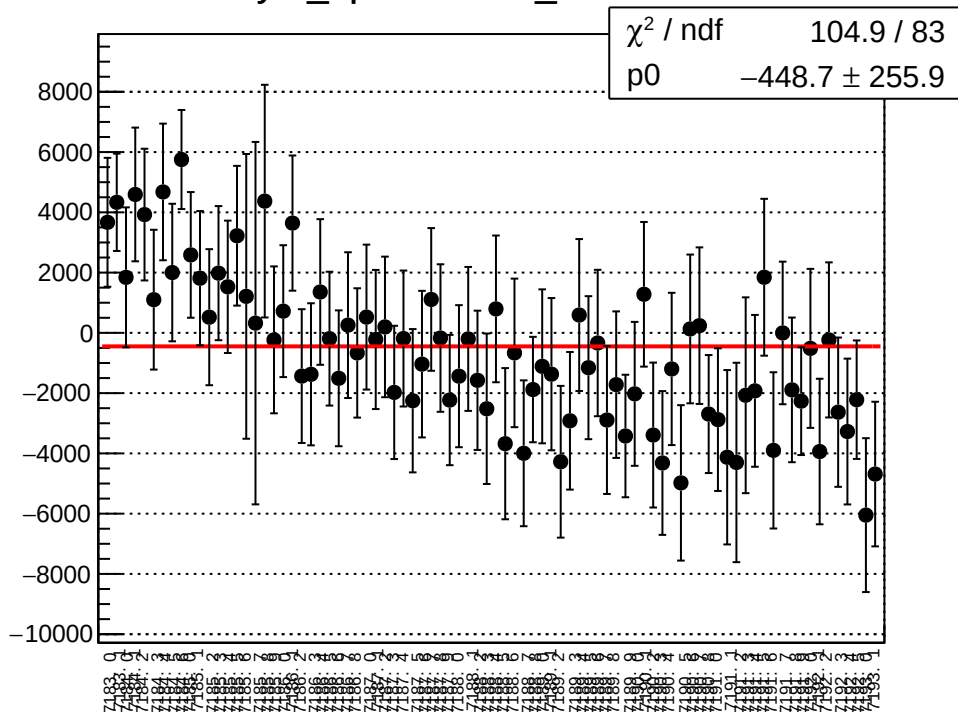
asym_bpm0i02aWS_mean vs run



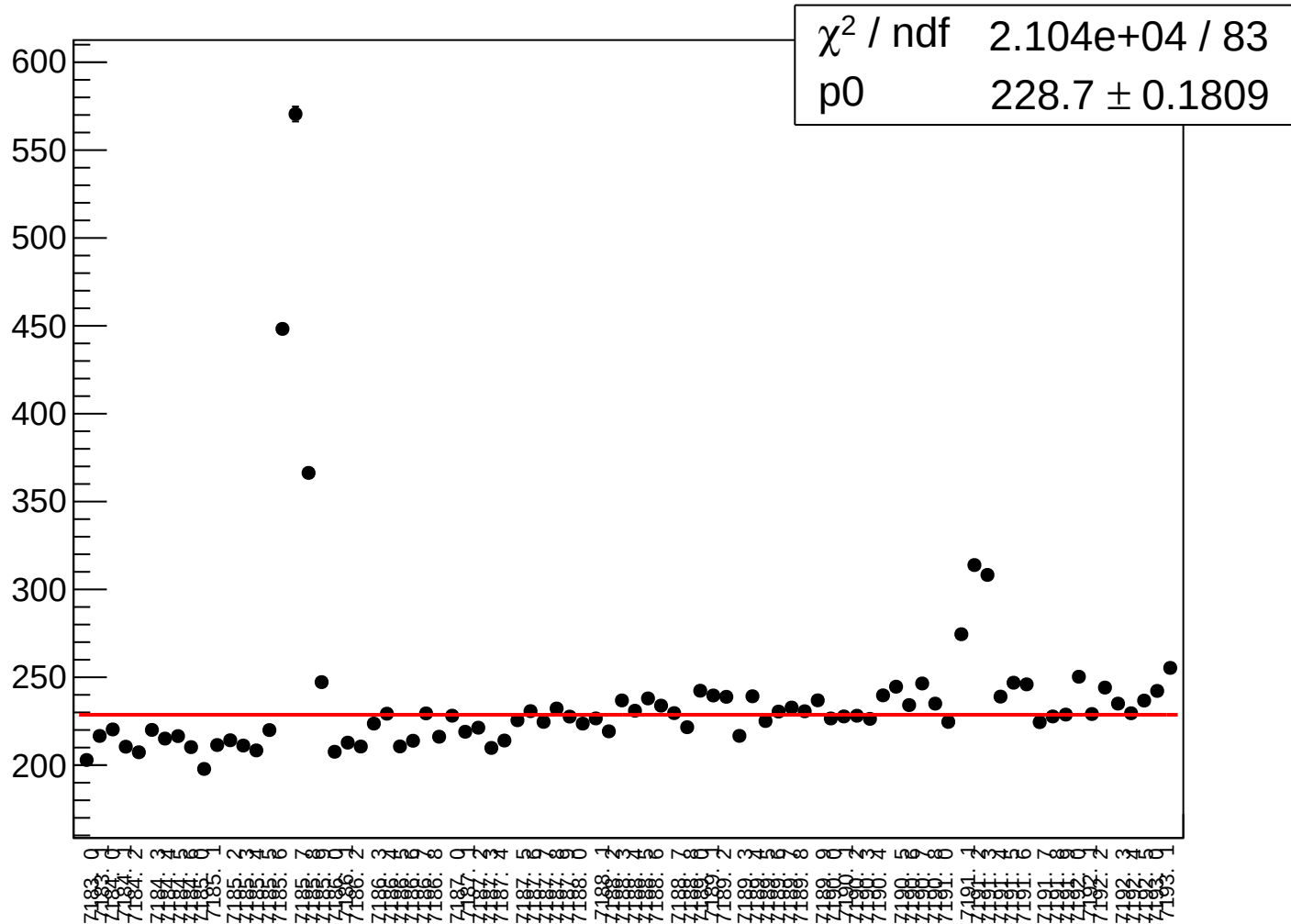
asym_bpm0i02aWS_rms vs run



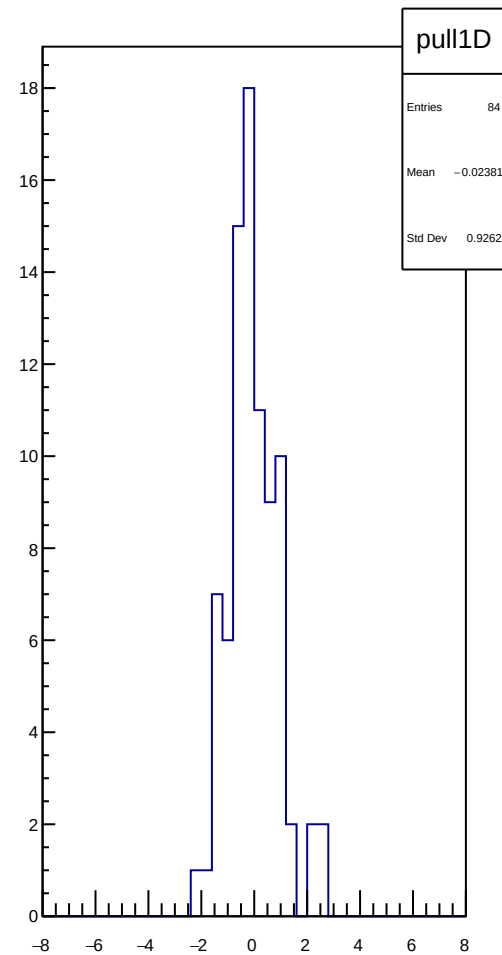
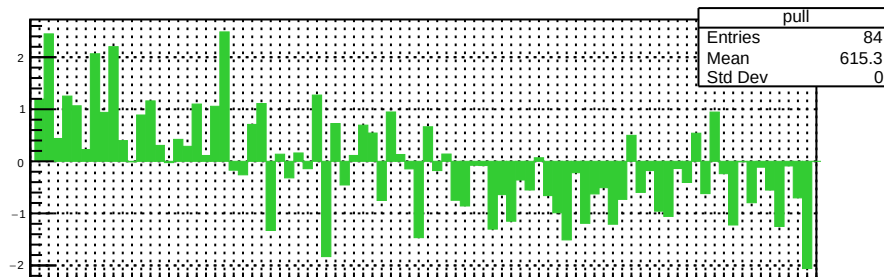
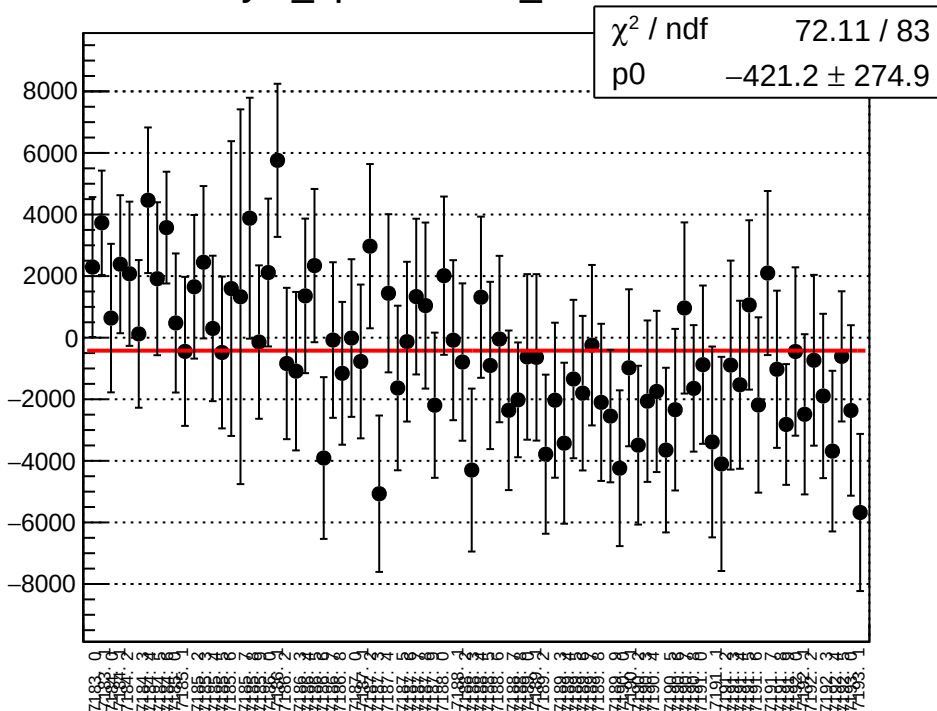
asym_bpm0i05WS_mean vs run



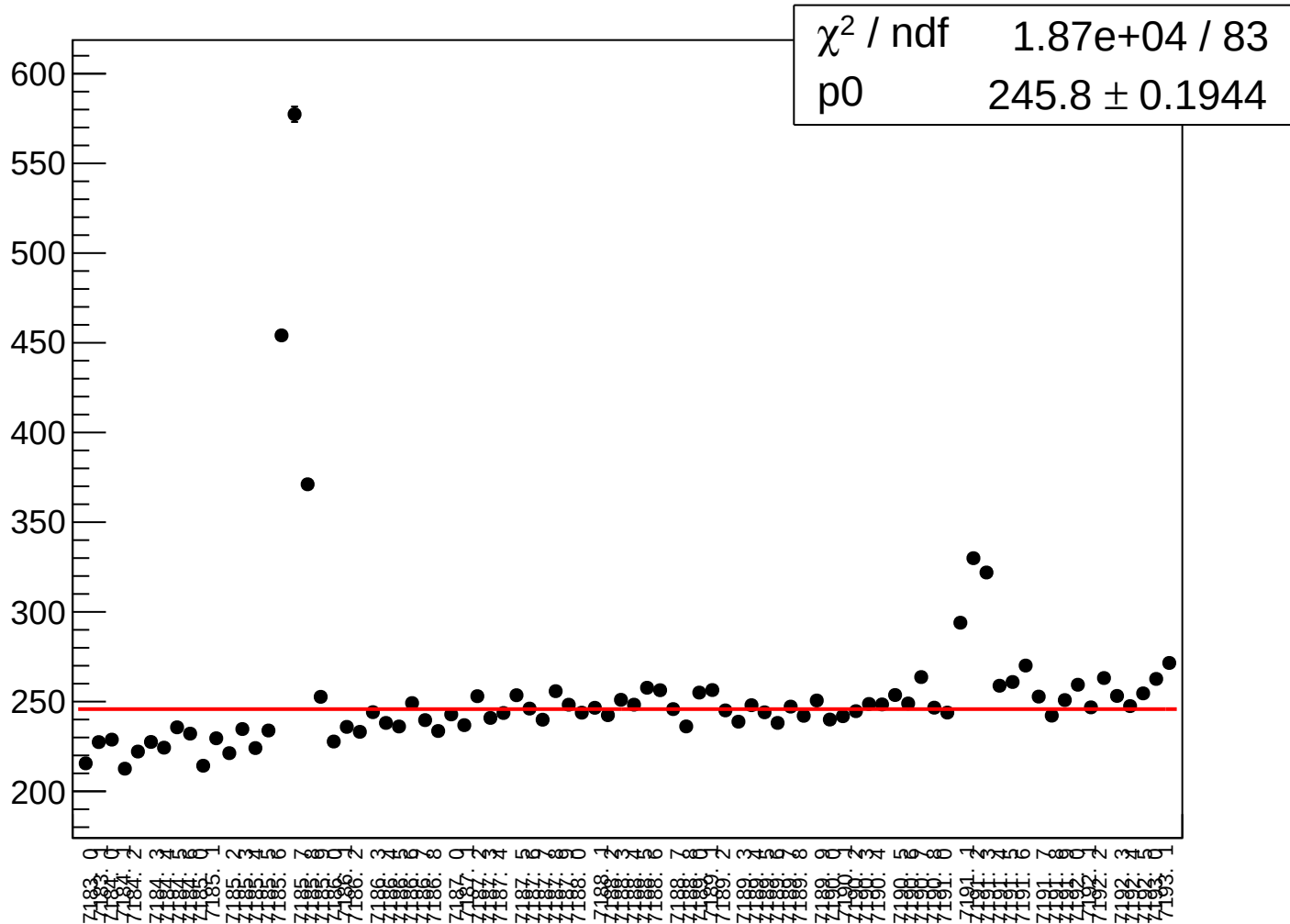
asym_bpm0i05WS_rms vs run



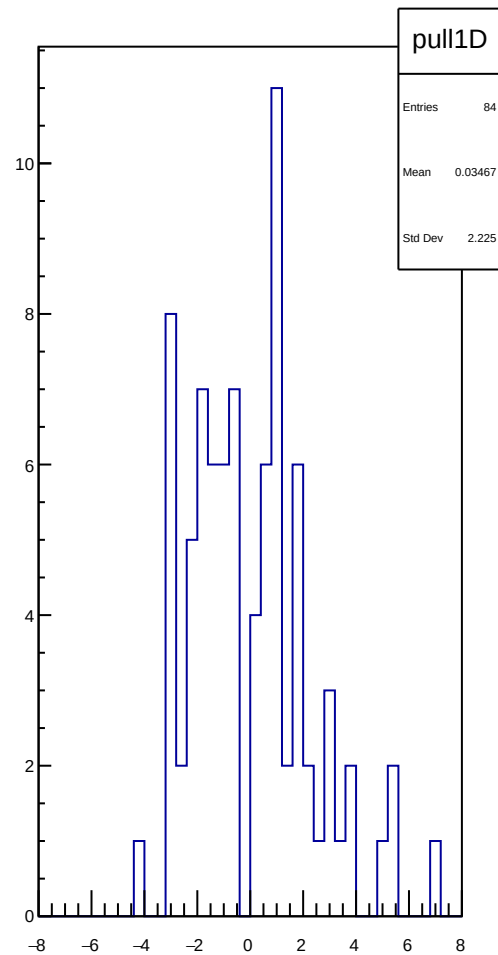
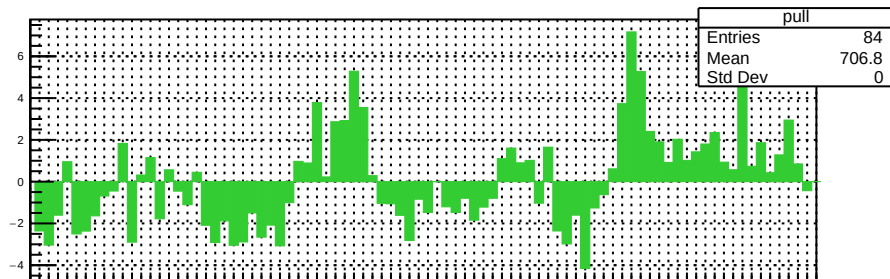
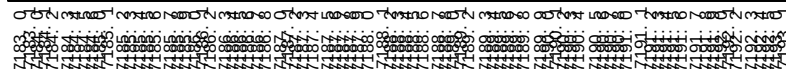
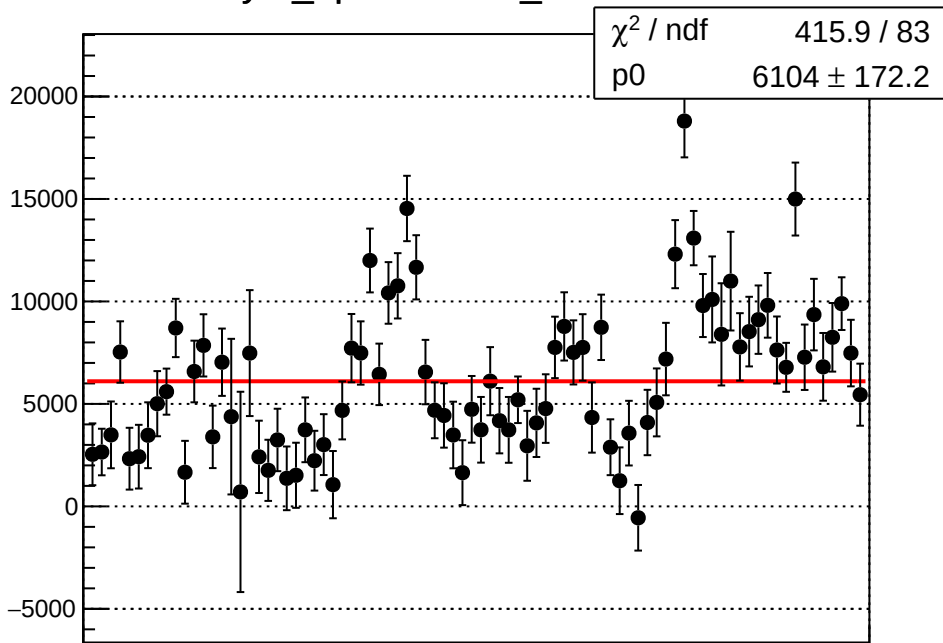
asym_bpm0i07WS_mean vs run



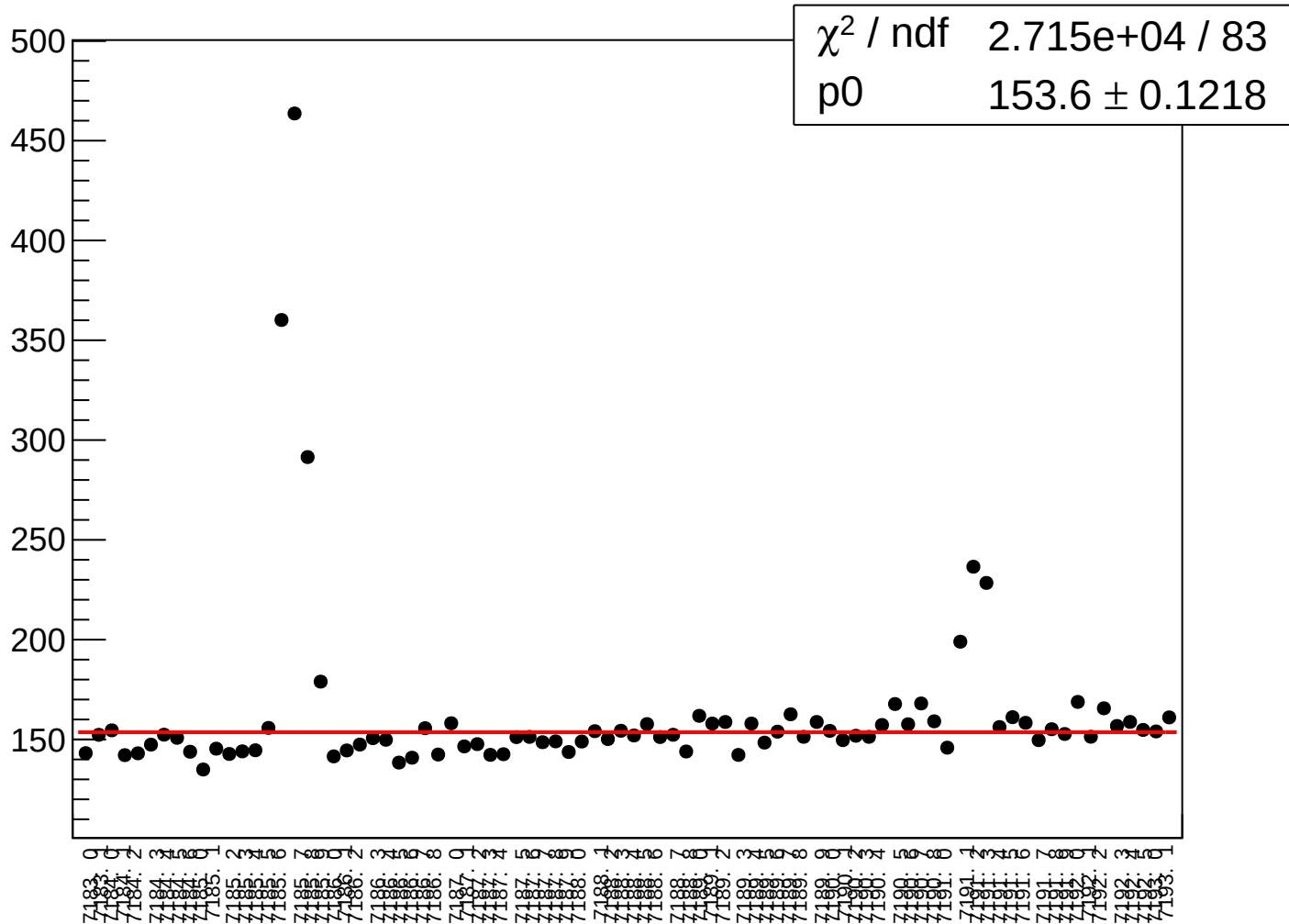
asym_bpm0i07WS_rms vs run



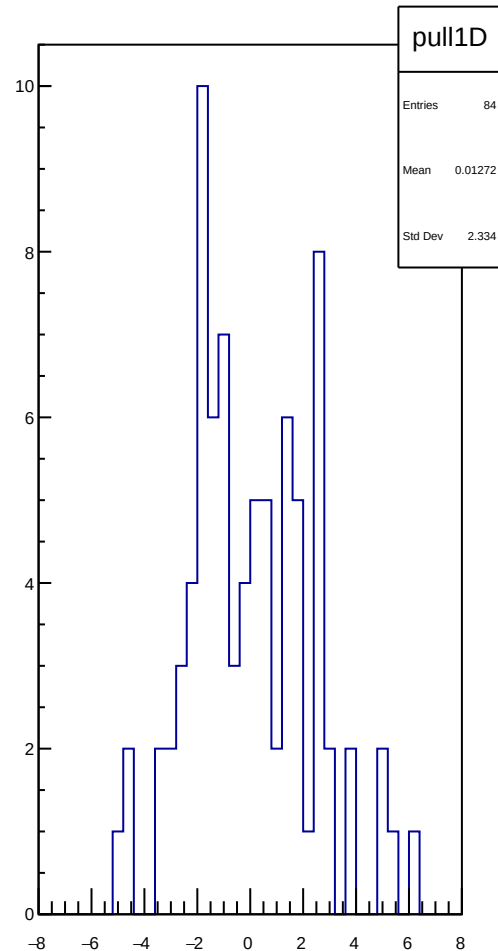
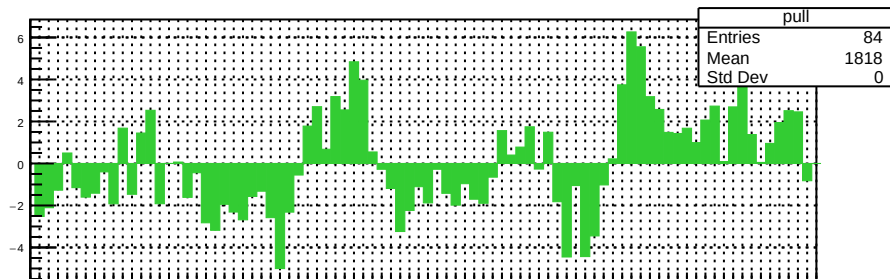
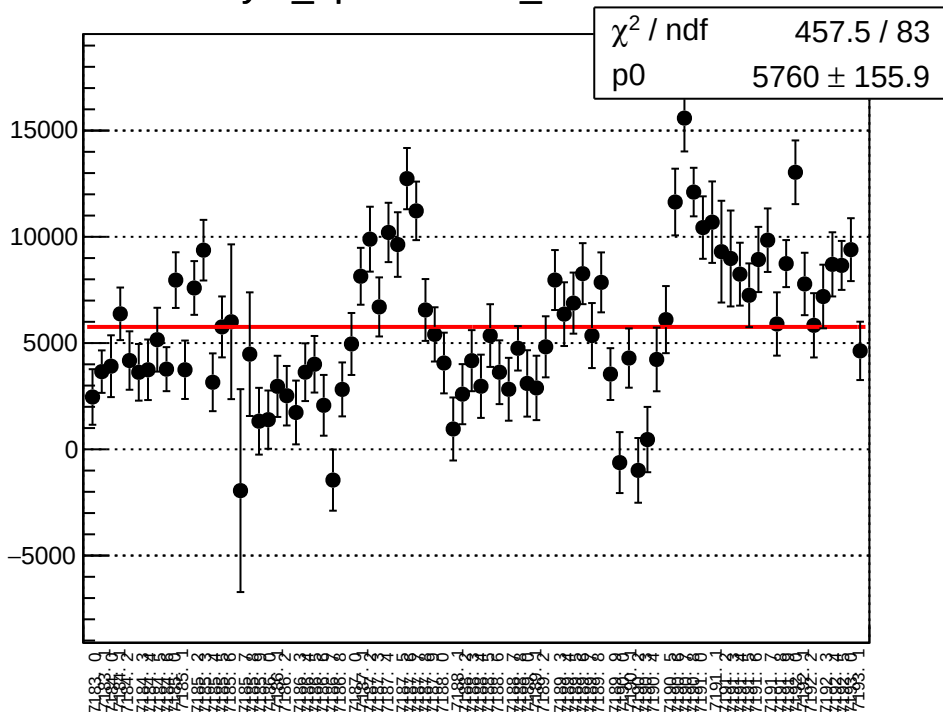
asym_bpm1i02WS_mean vs run



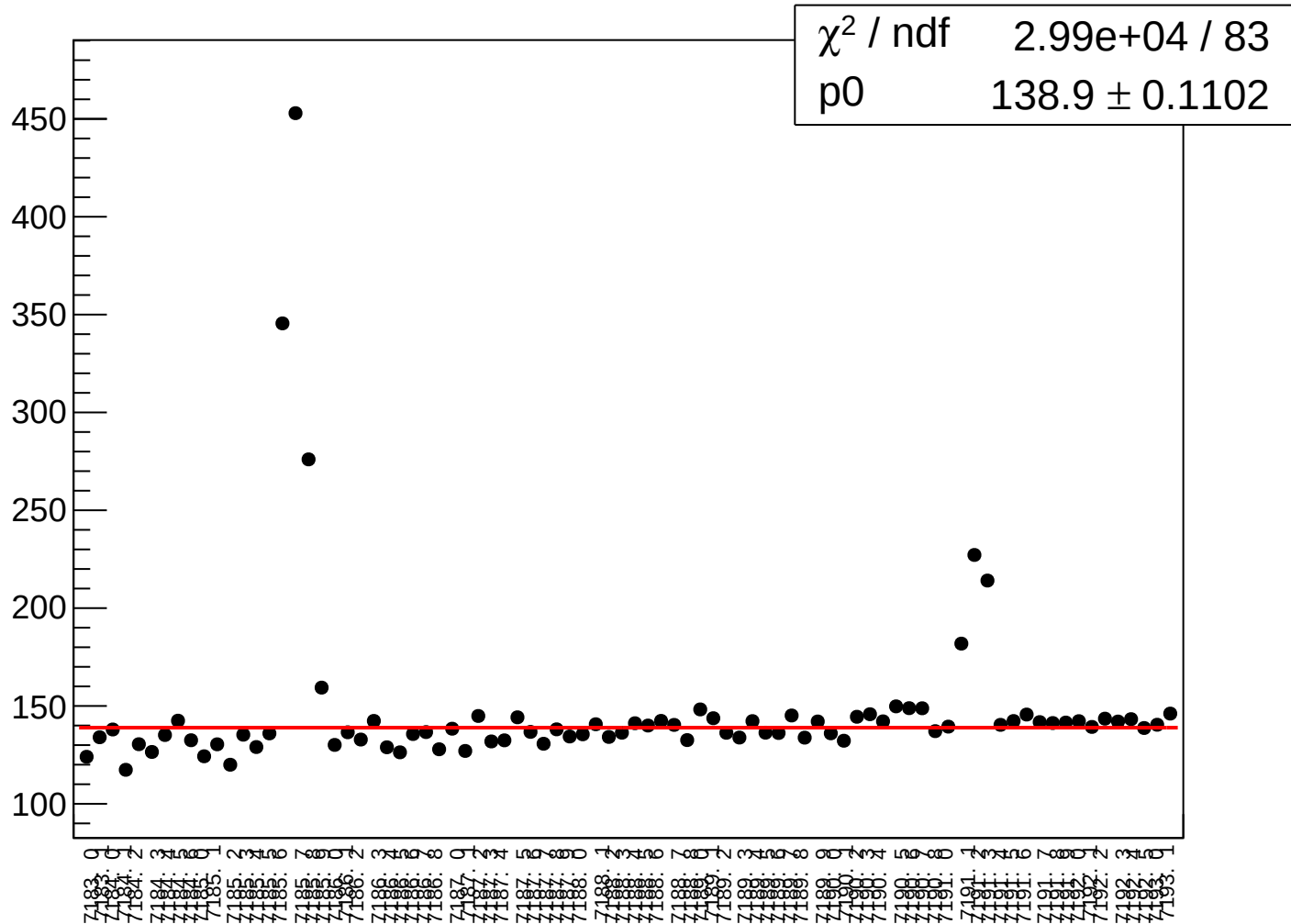
asym_bpm1i02WS_rms vs run



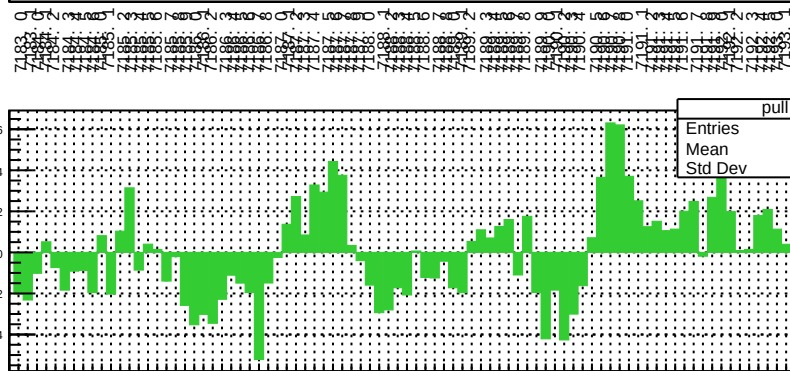
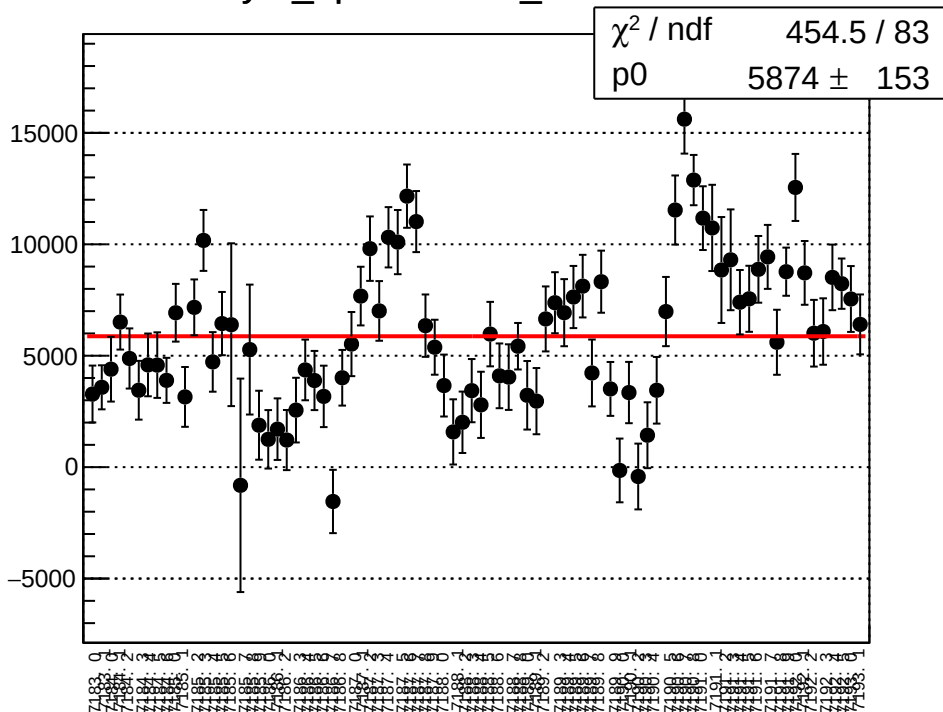
asym_bpm2i01WS_mean vs run



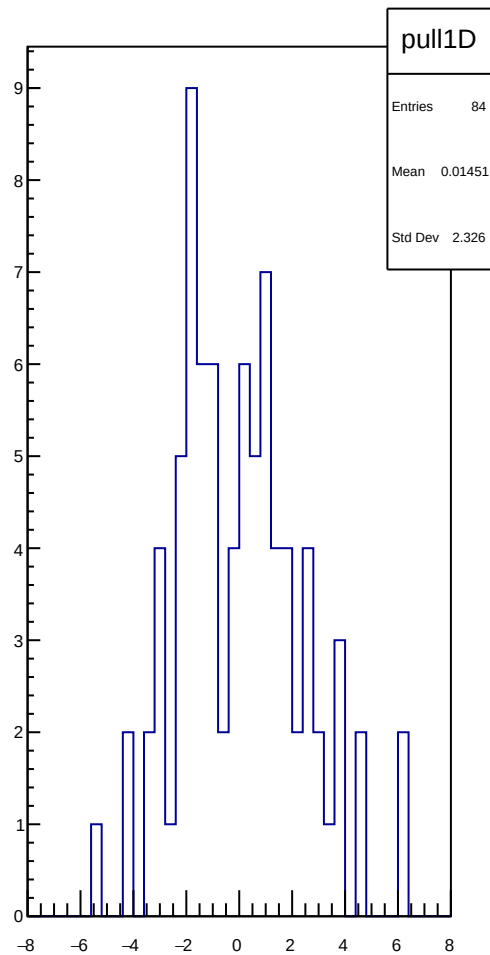
asym_bpm2i01WS_rms vs run



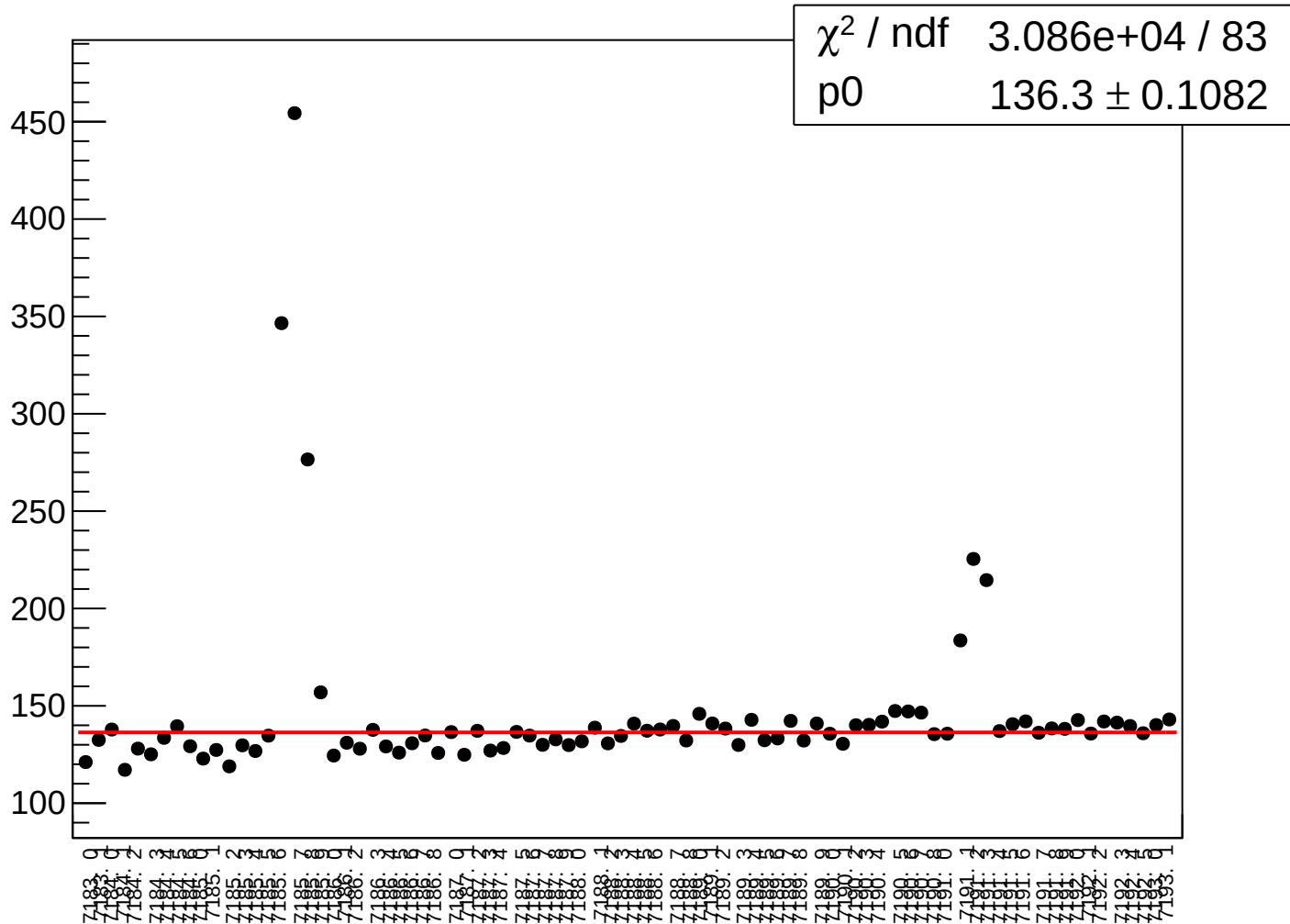
asym_bpm2i02WS_mean vs run



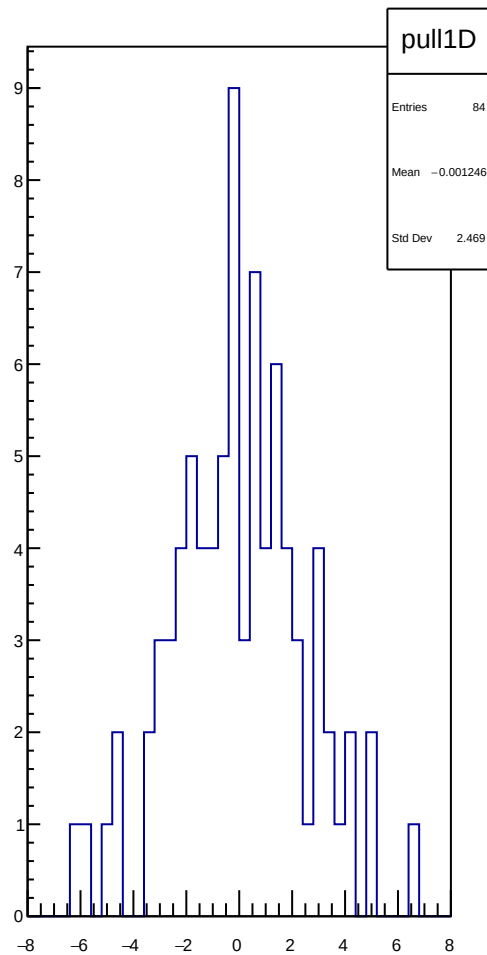
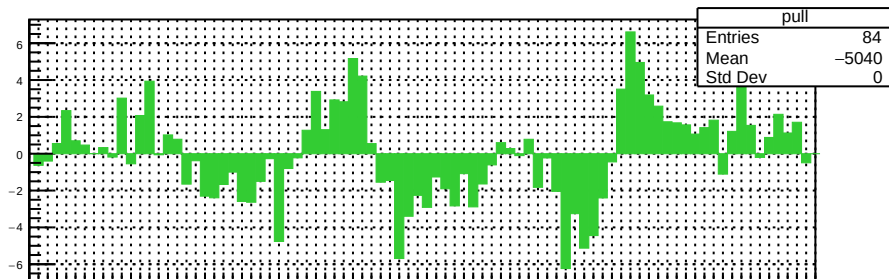
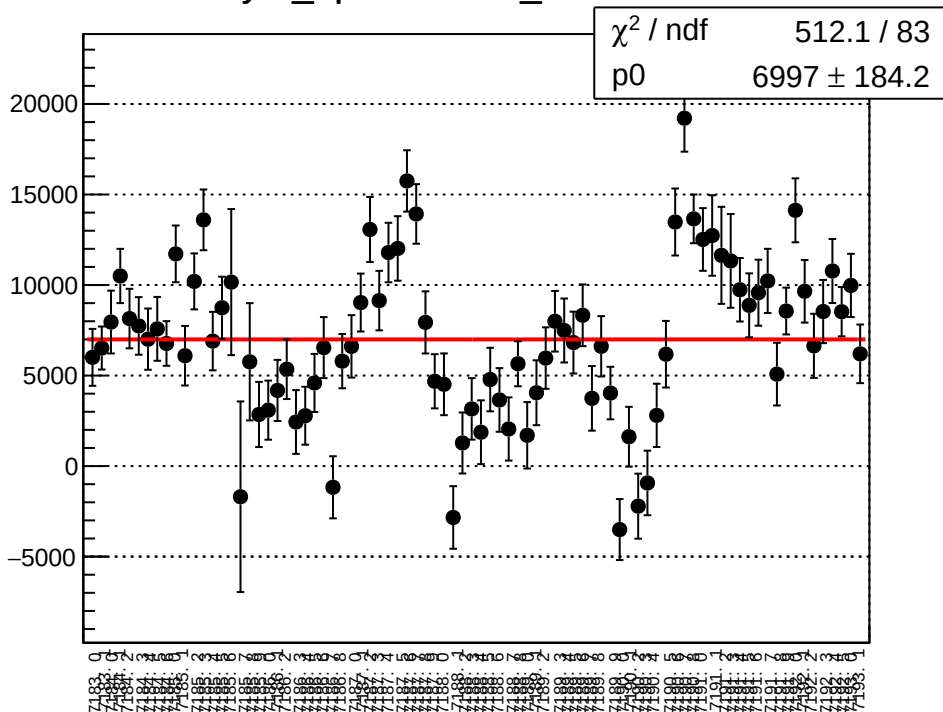
pull	
Entries	84
Mean	1539
Std Dev	0



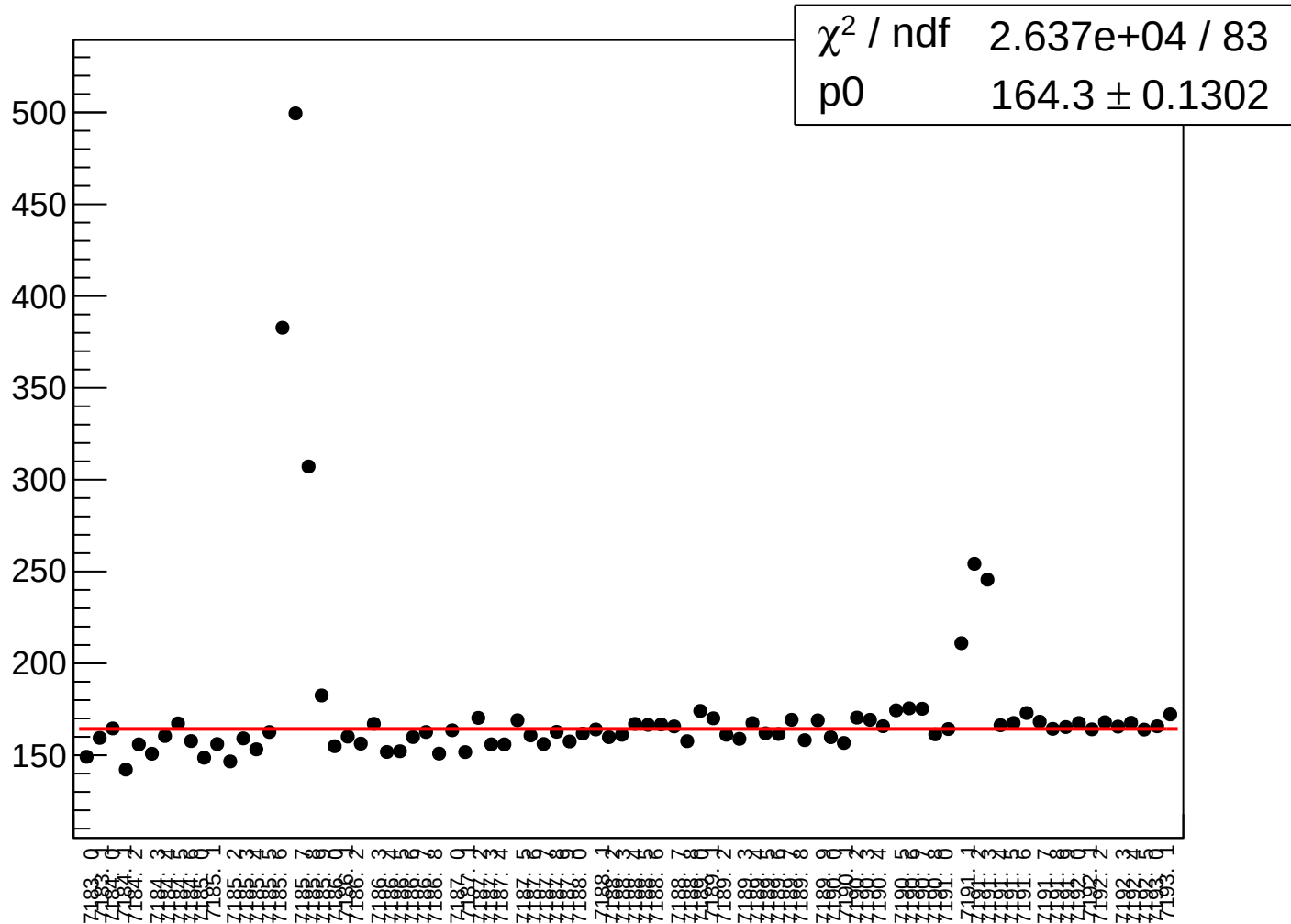
asym_bpm2i02WS_rms vs run



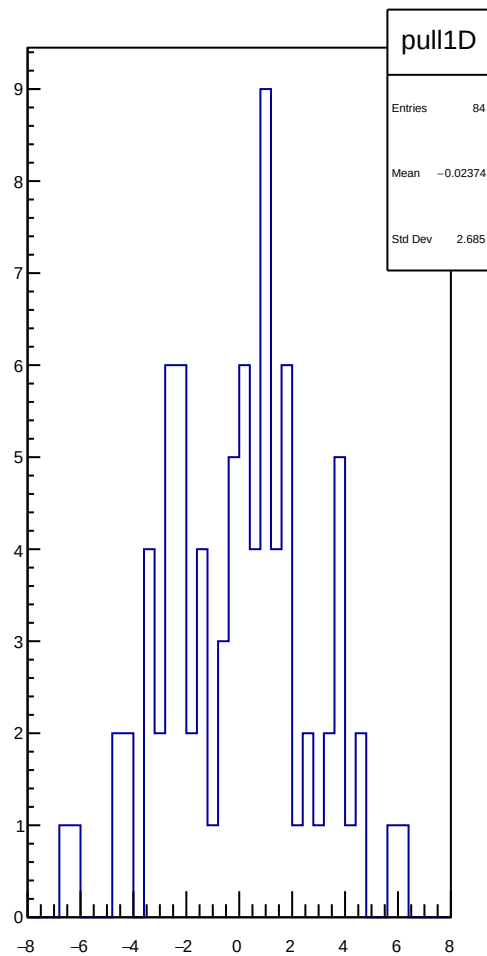
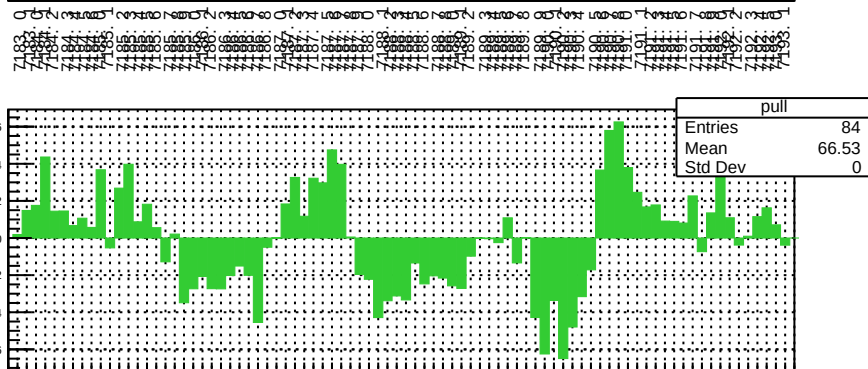
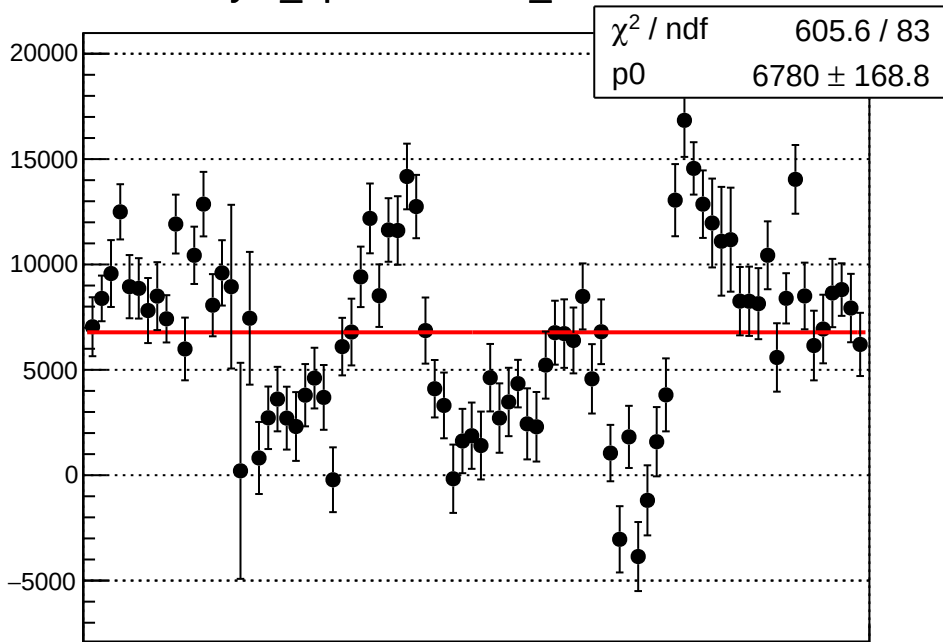
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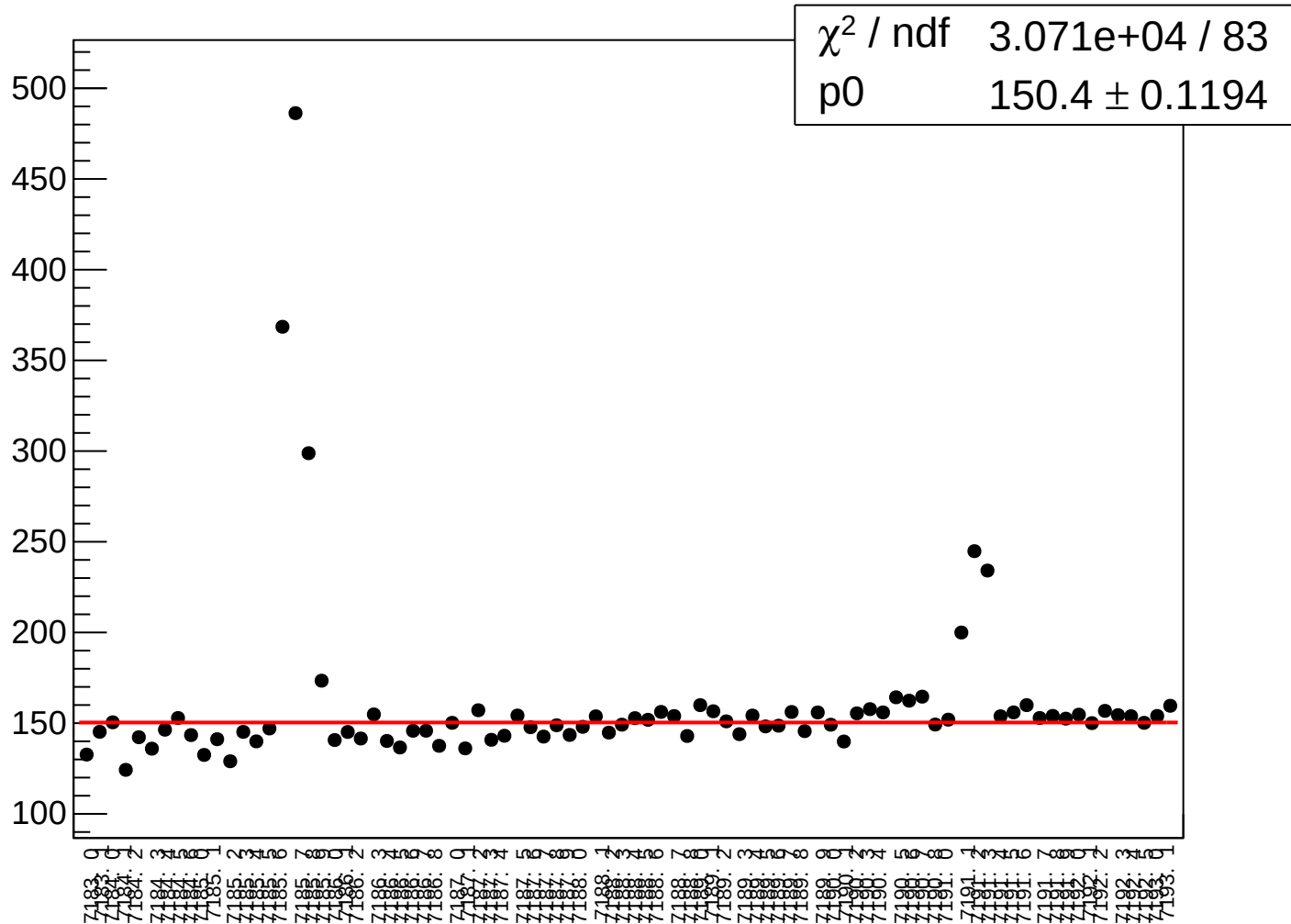
asym_bpm0i01WS_rms vs run



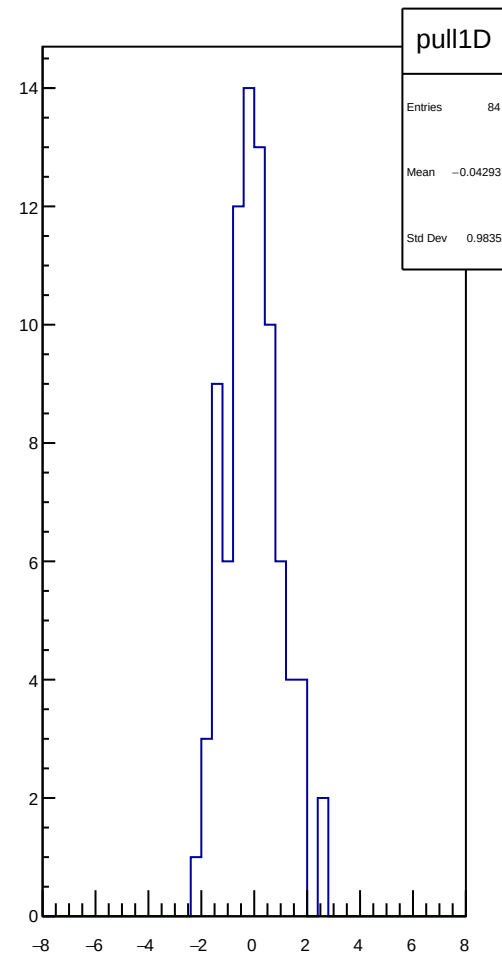
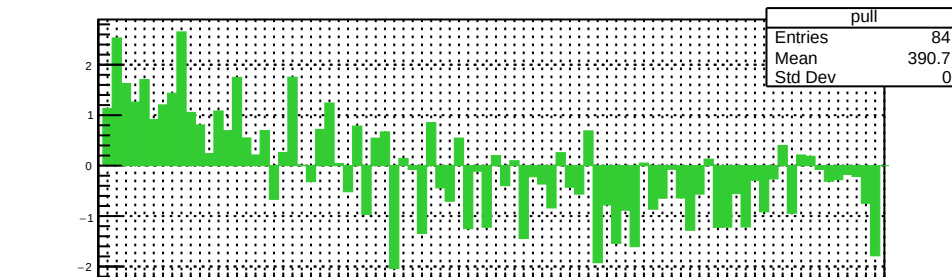
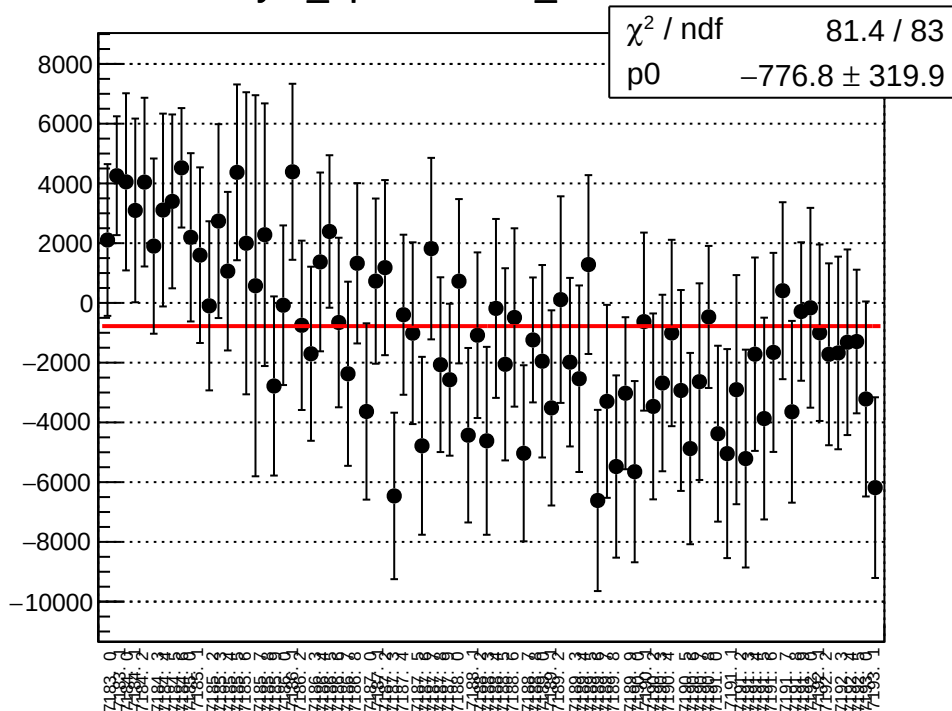
asym_bpm0i01aWS_mean vs run



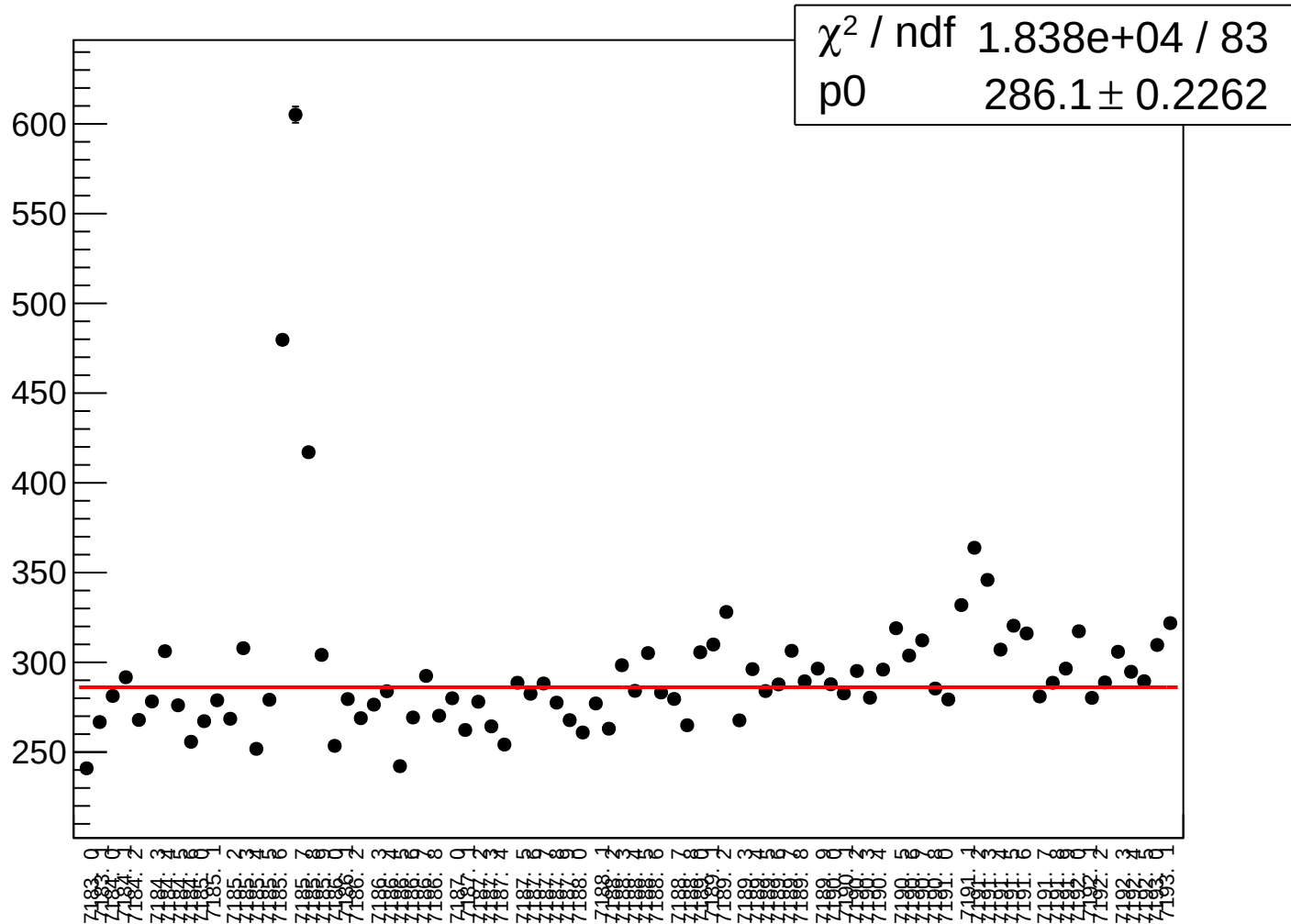
asym_bpm0i01aWS_rms vs run



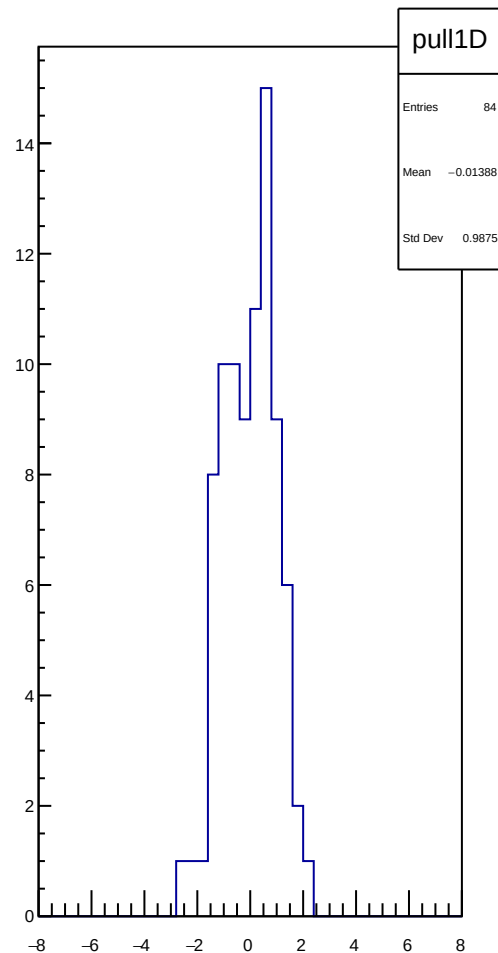
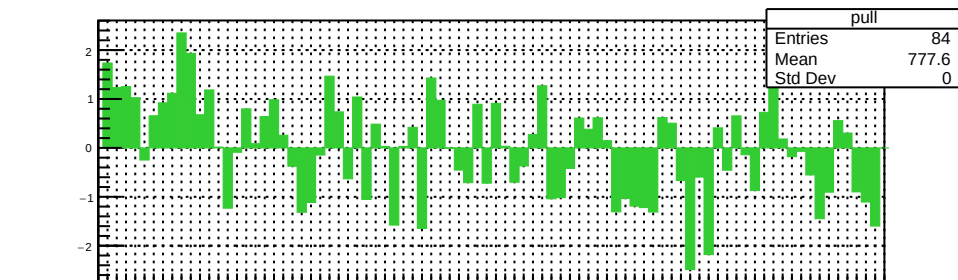
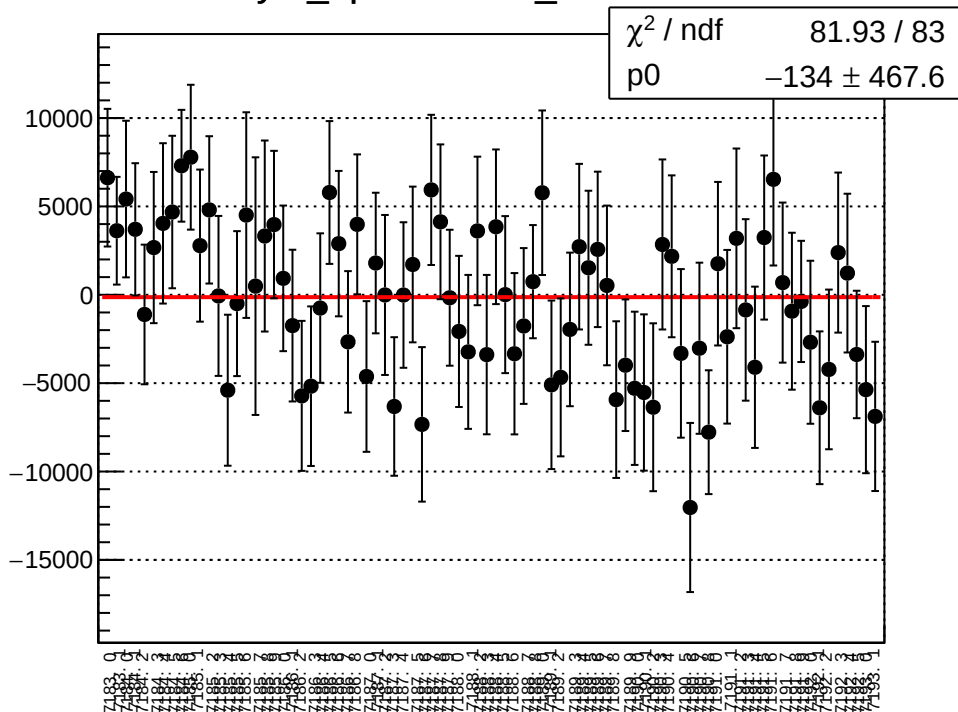
asym_bpm0l01WS_mean vs run



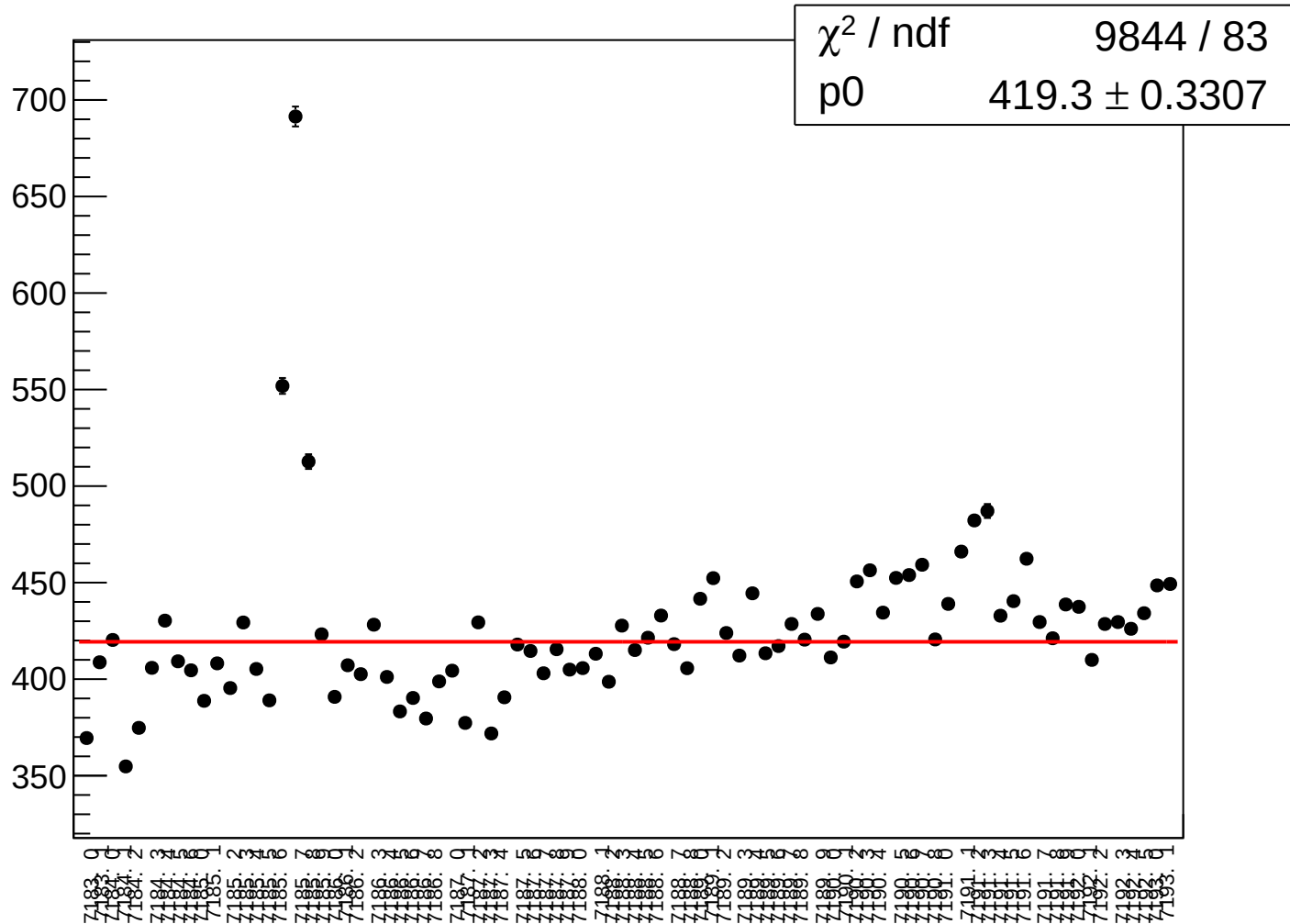
asym_bpm0l01WS_rms vs run



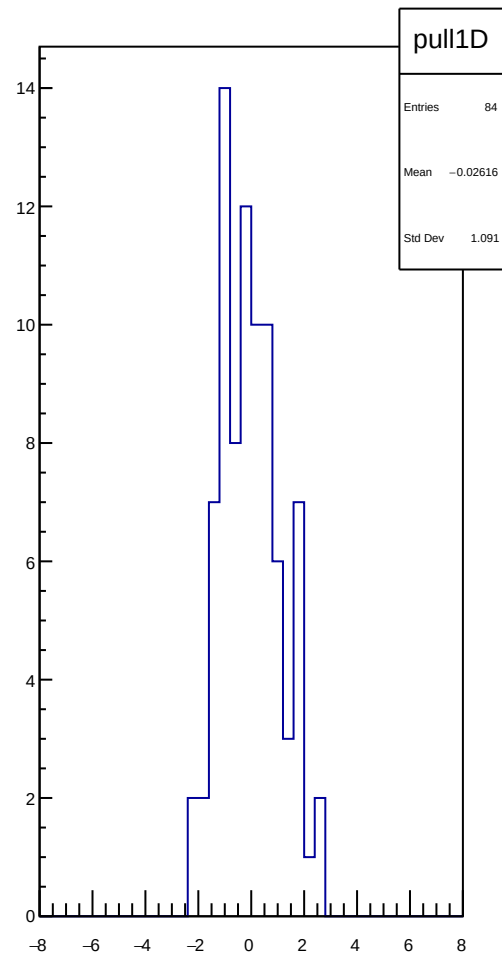
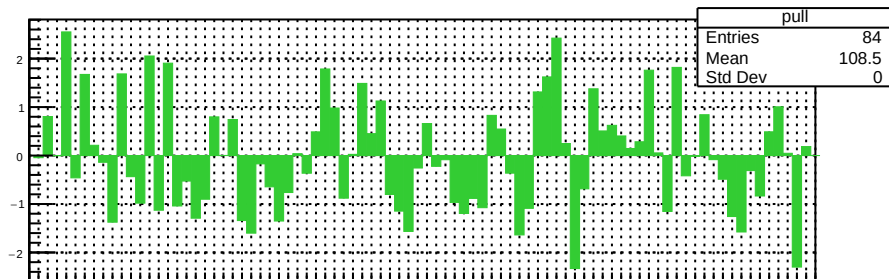
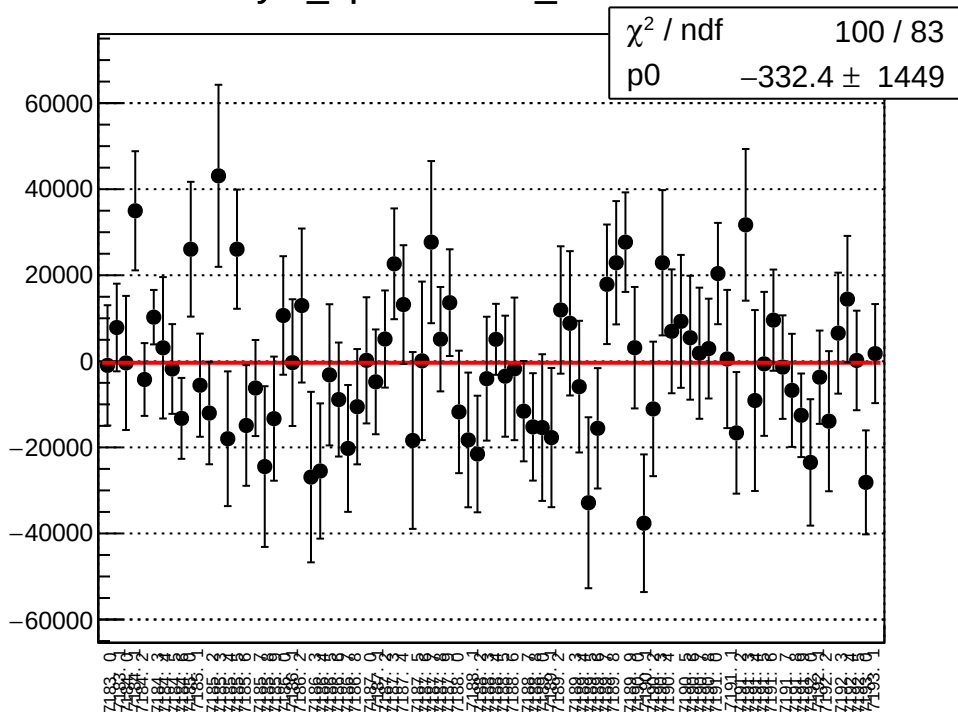
asym_bpm0l02WS_mean vs run



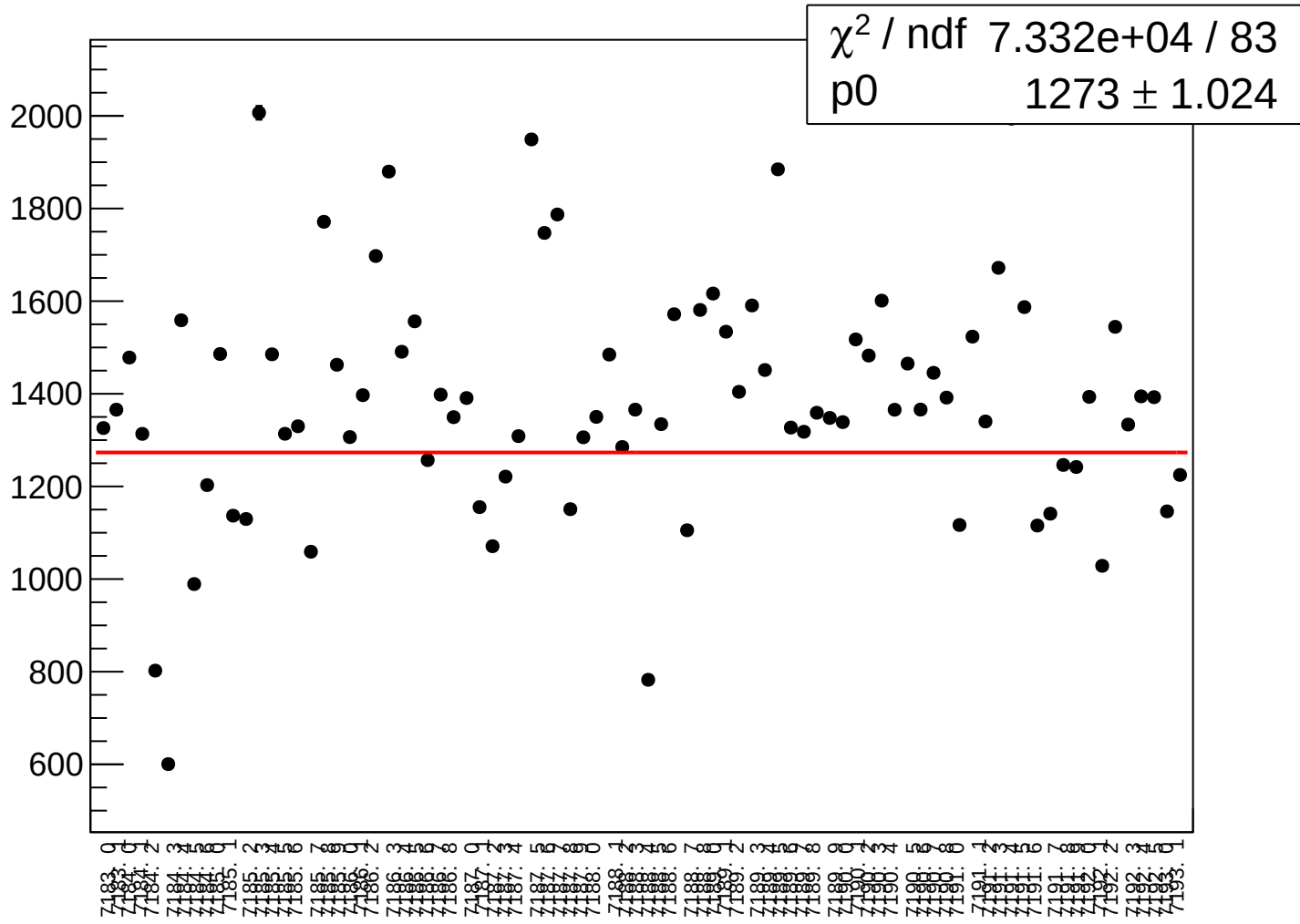
asym_bpm0l02WS_rms vs run



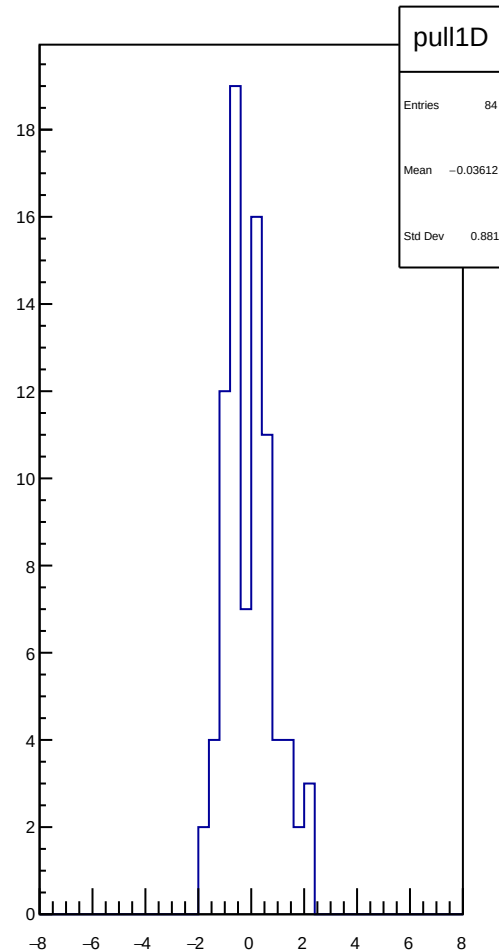
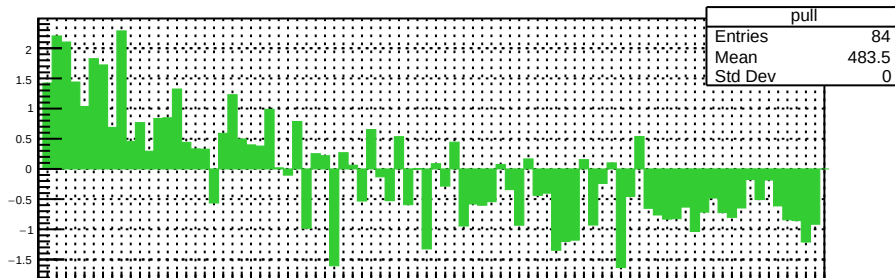
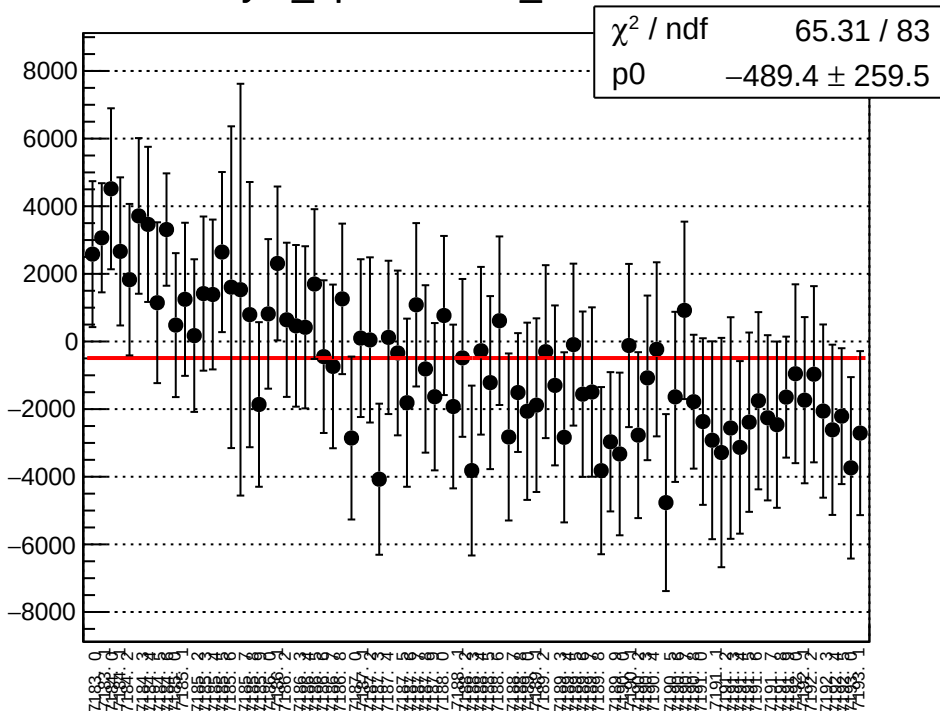
asym_bpm0l03WS_mean vs run



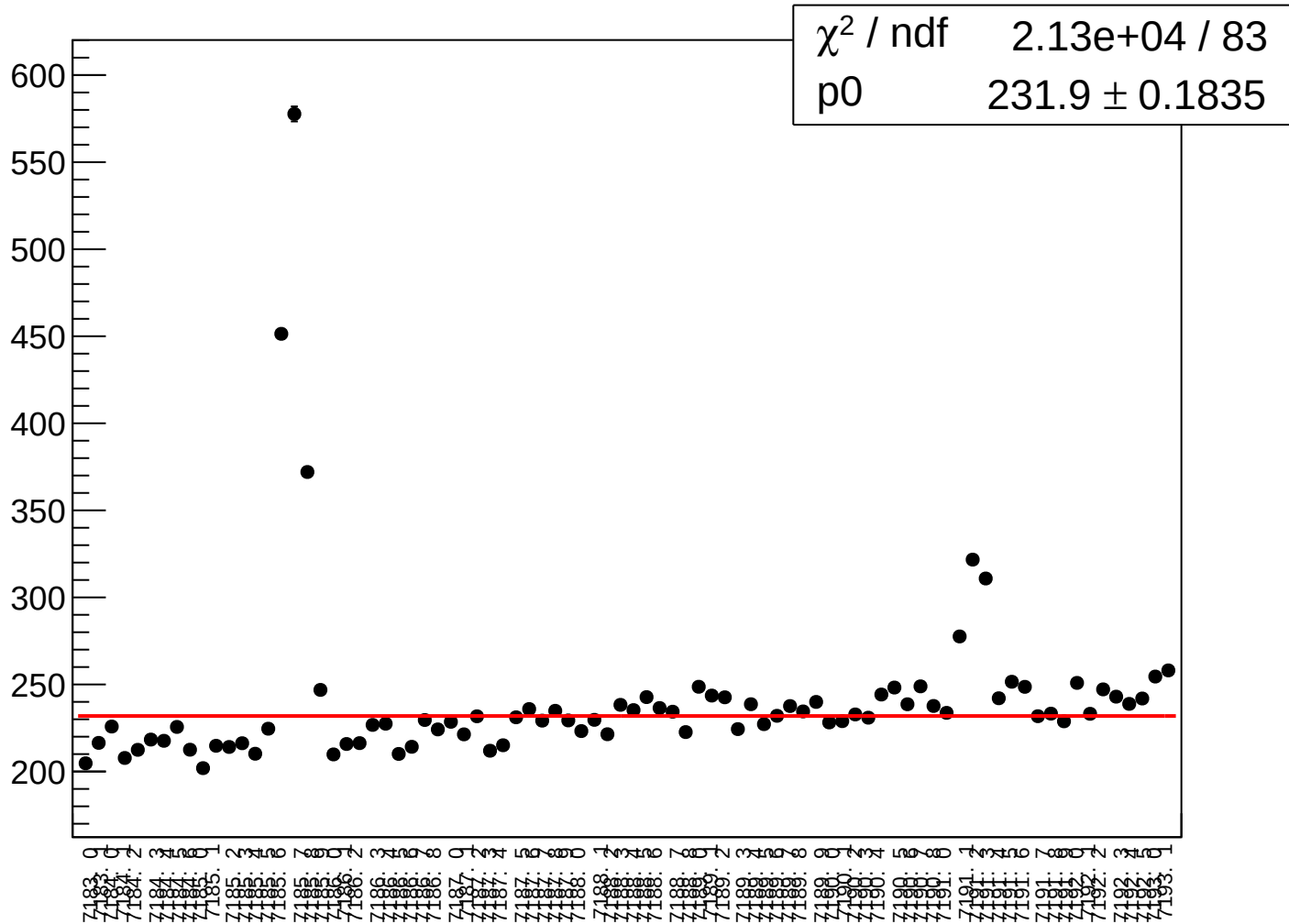
asym_bpm0l03WS_rms vs run



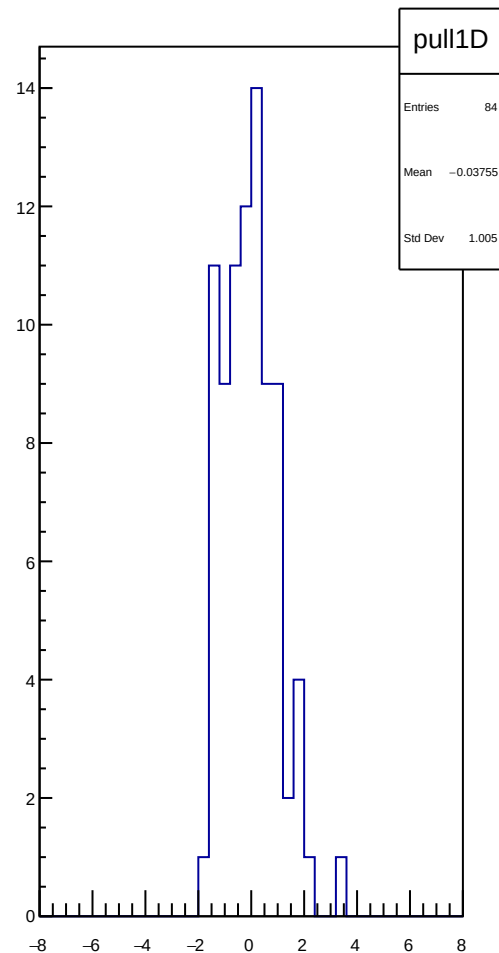
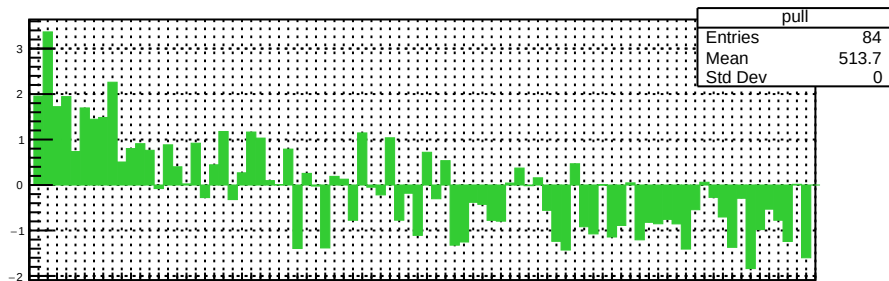
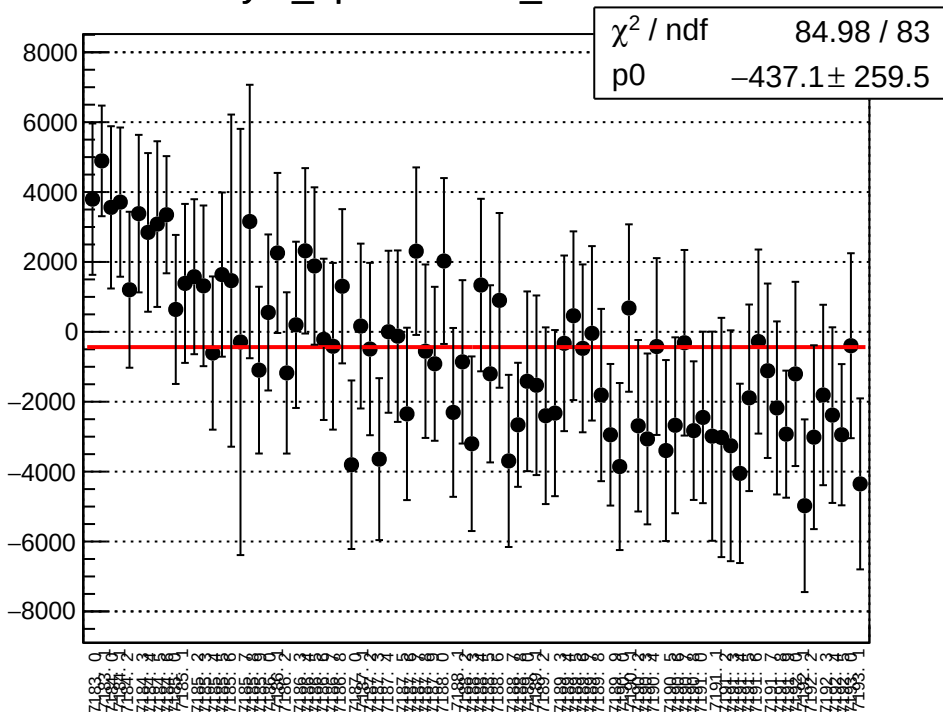
asym_bpm0l04WS_mean vs run



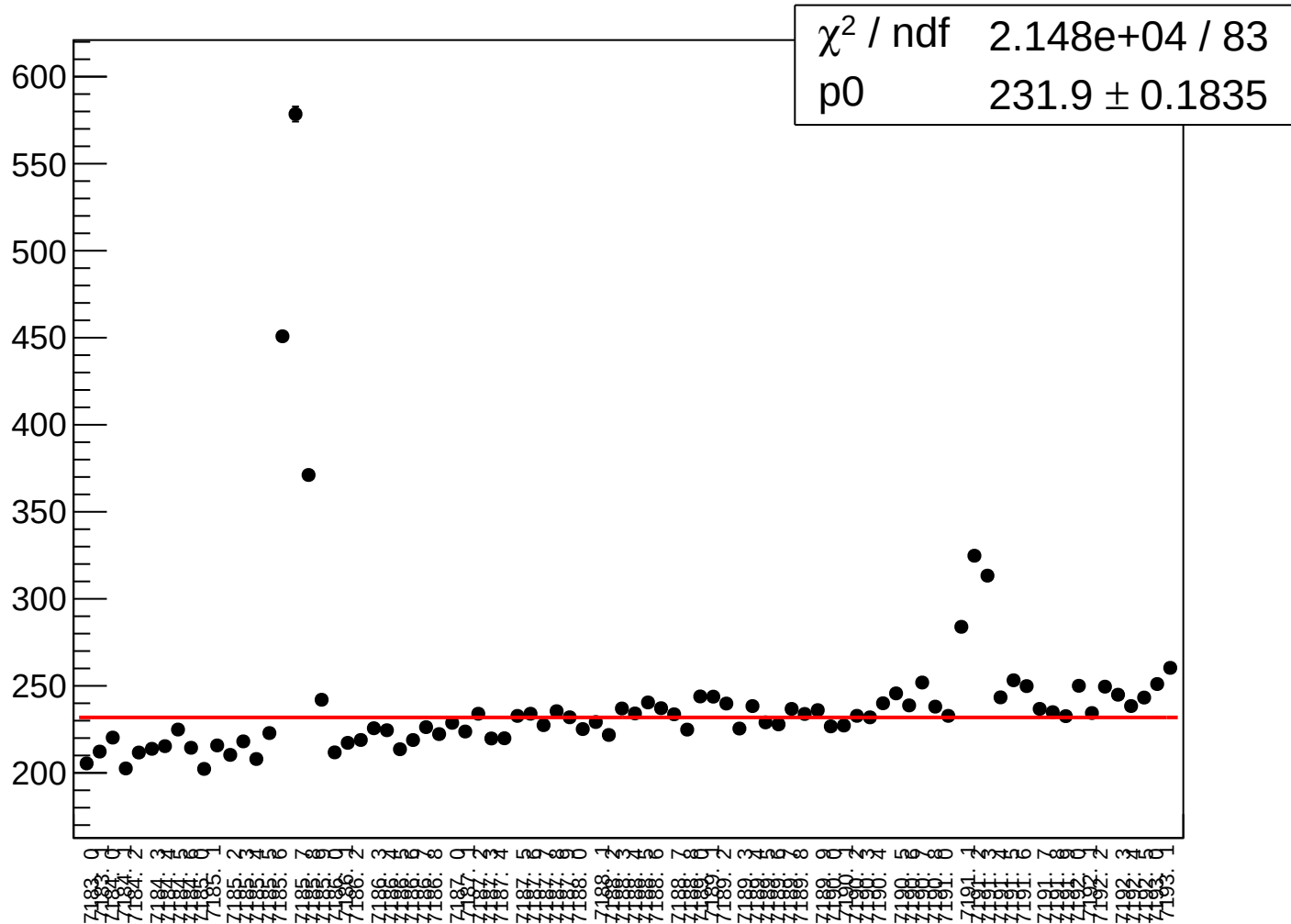
asym_bpm0l04WS_rms vs run



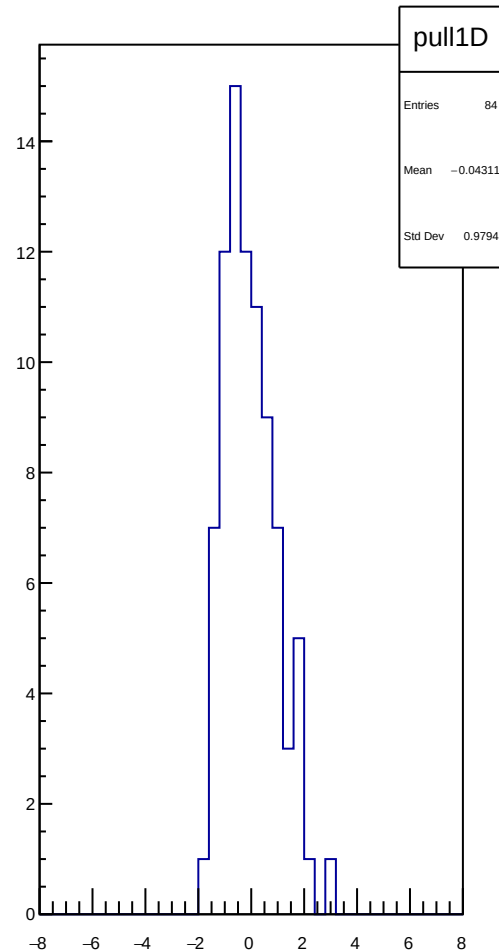
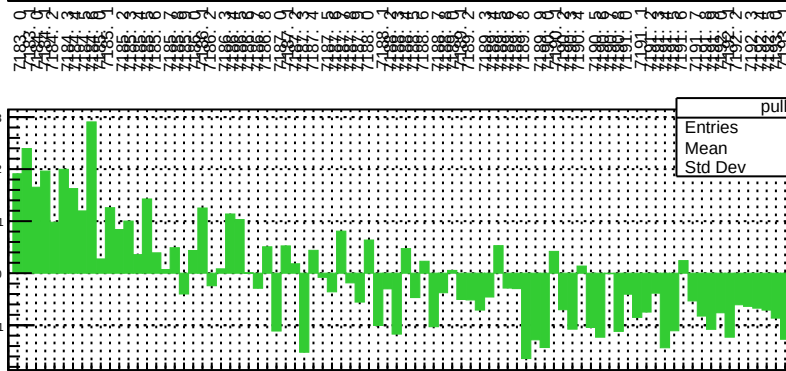
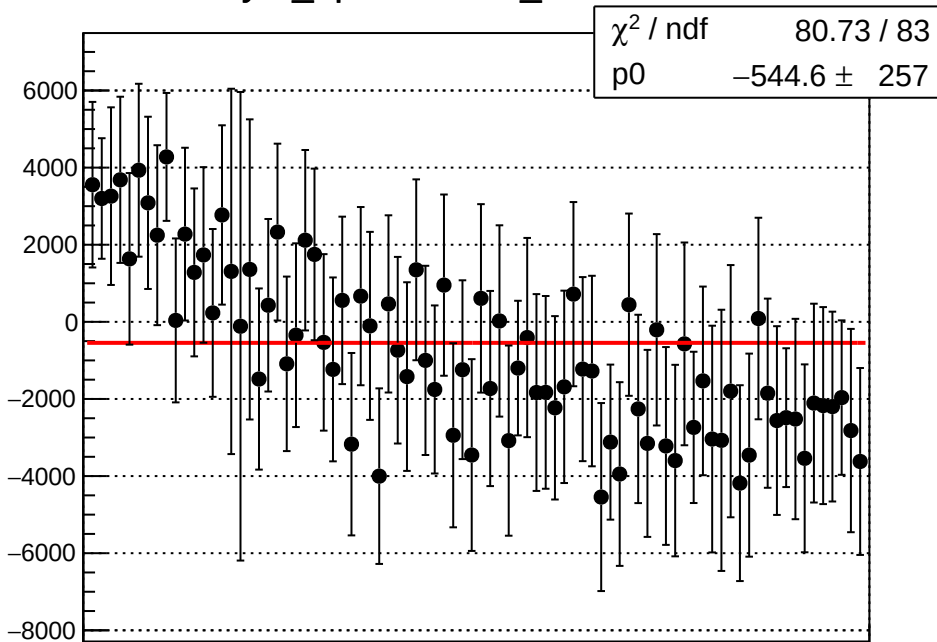
asym_bpm0l05WS_mean vs run



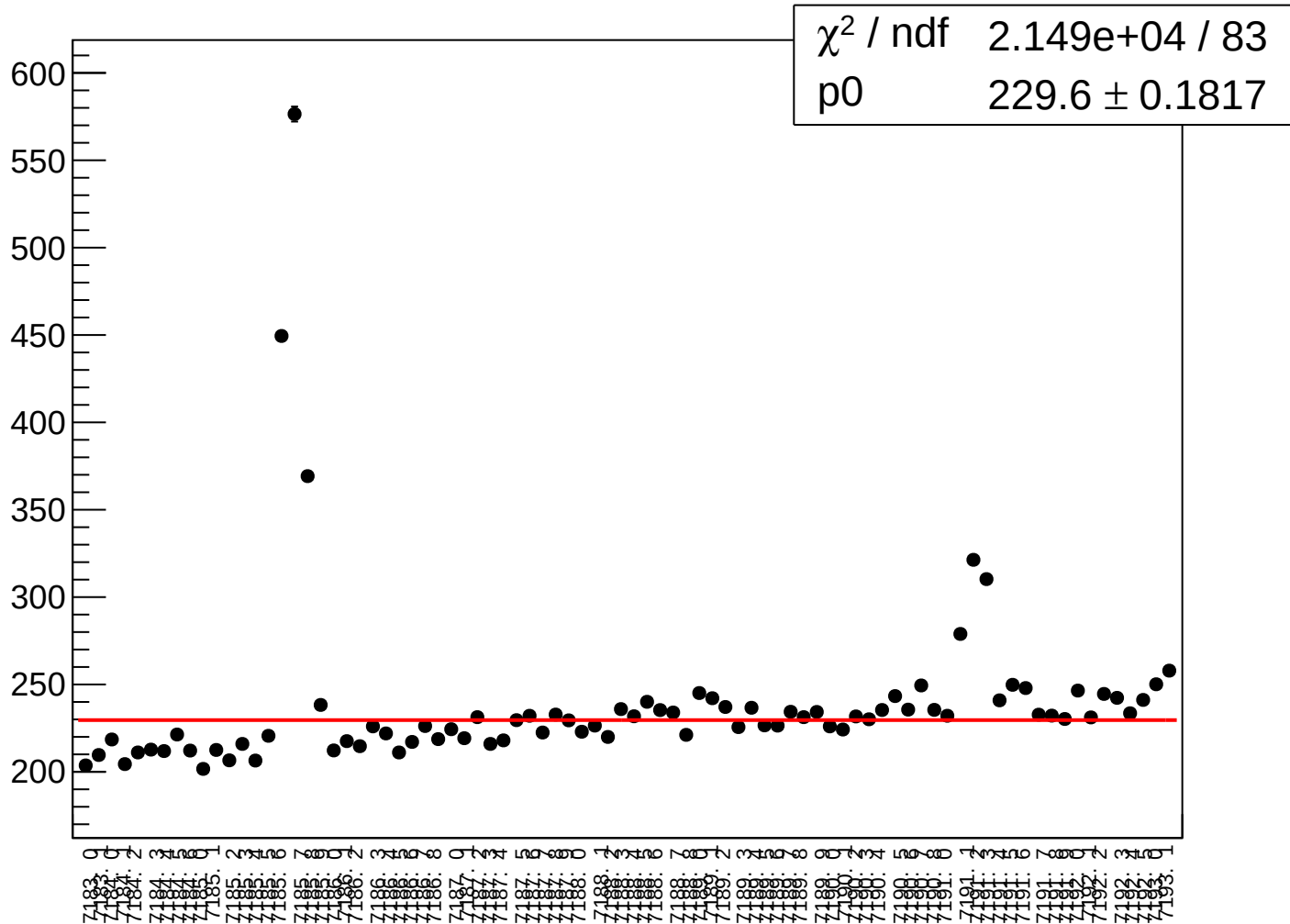
asym_bpm0l05WS_rms vs run



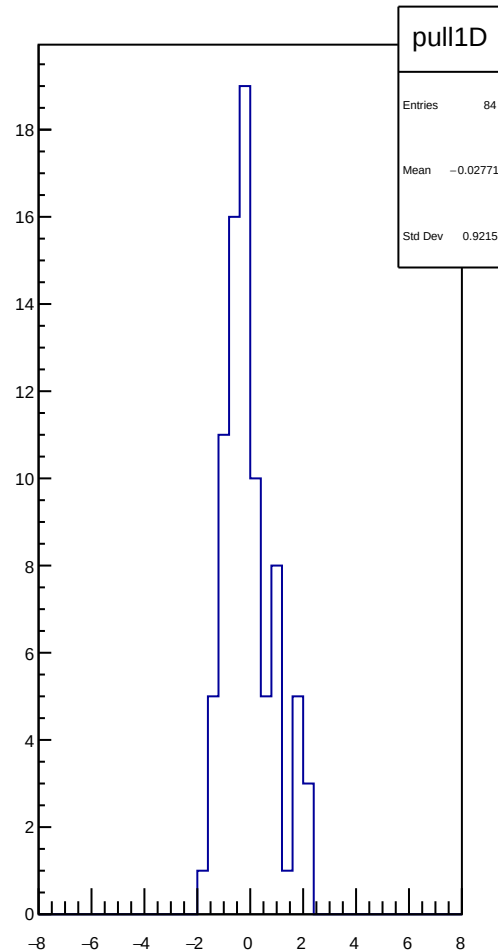
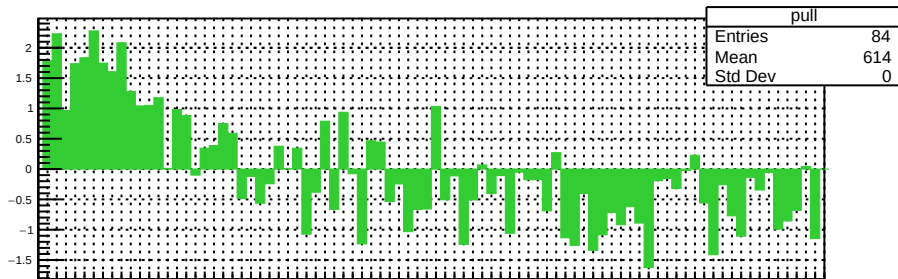
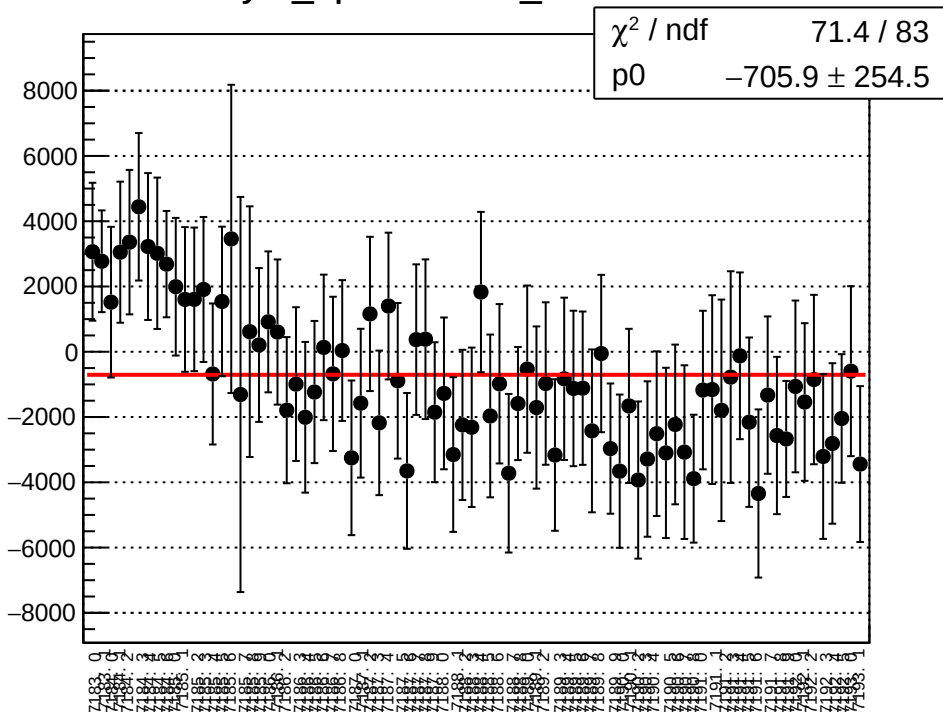
asym_bpm0I06WS_mean vs run



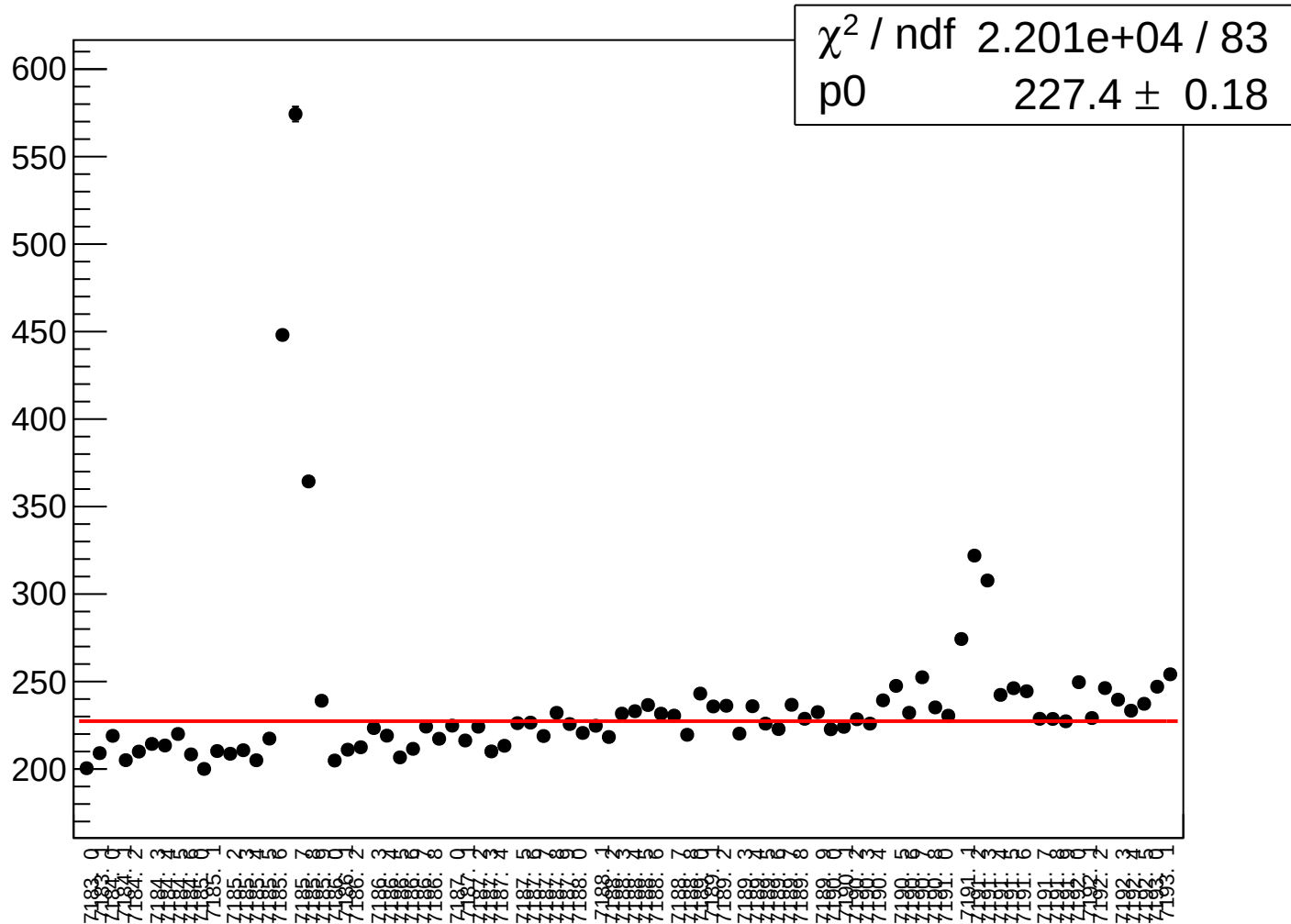
asym_bpm0l06WS_rms vs run



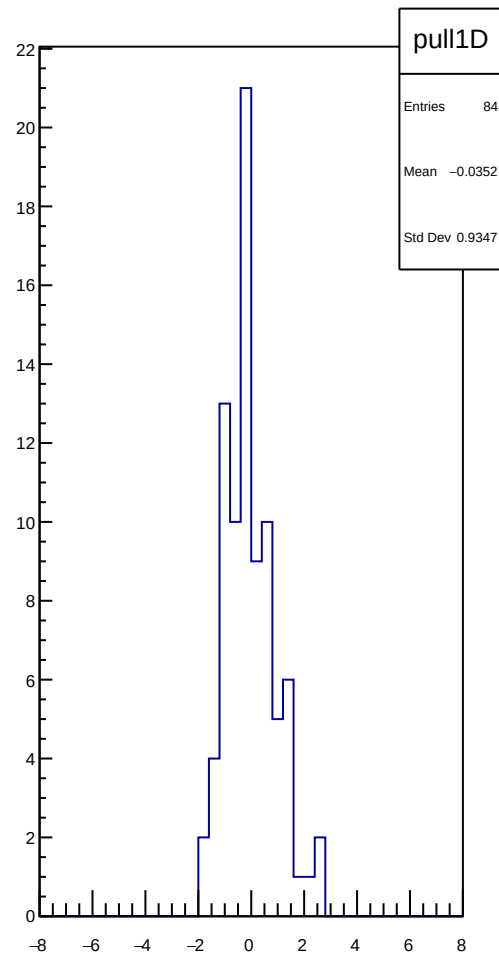
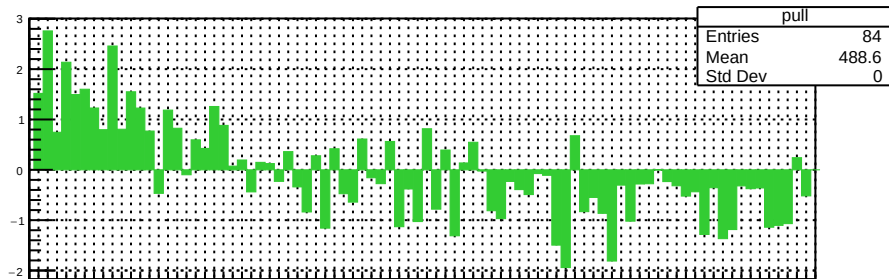
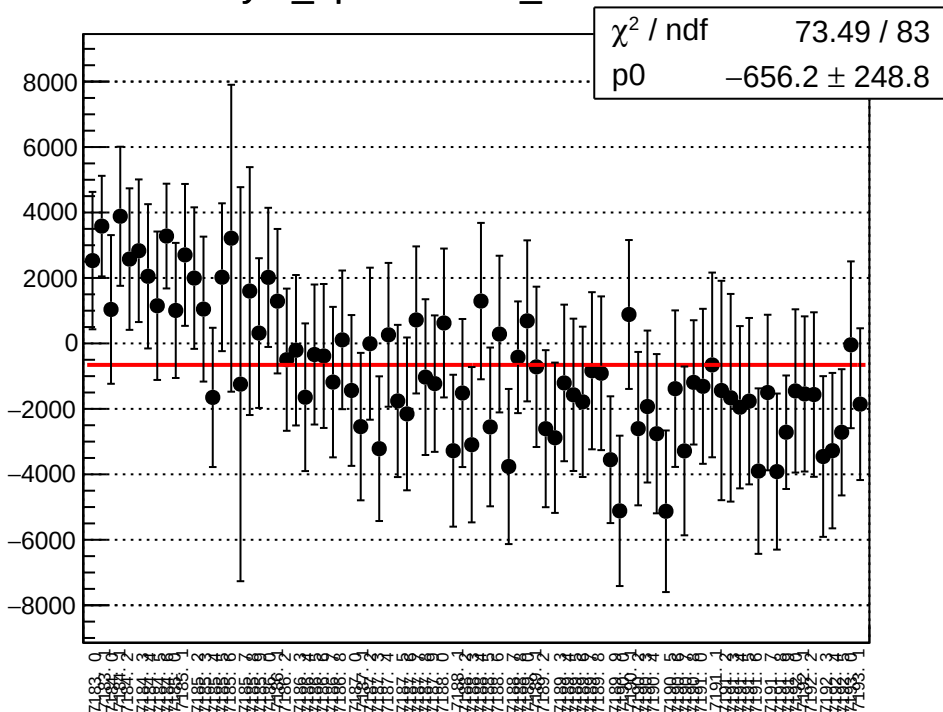
asym_bpm0l07WS_mean vs run



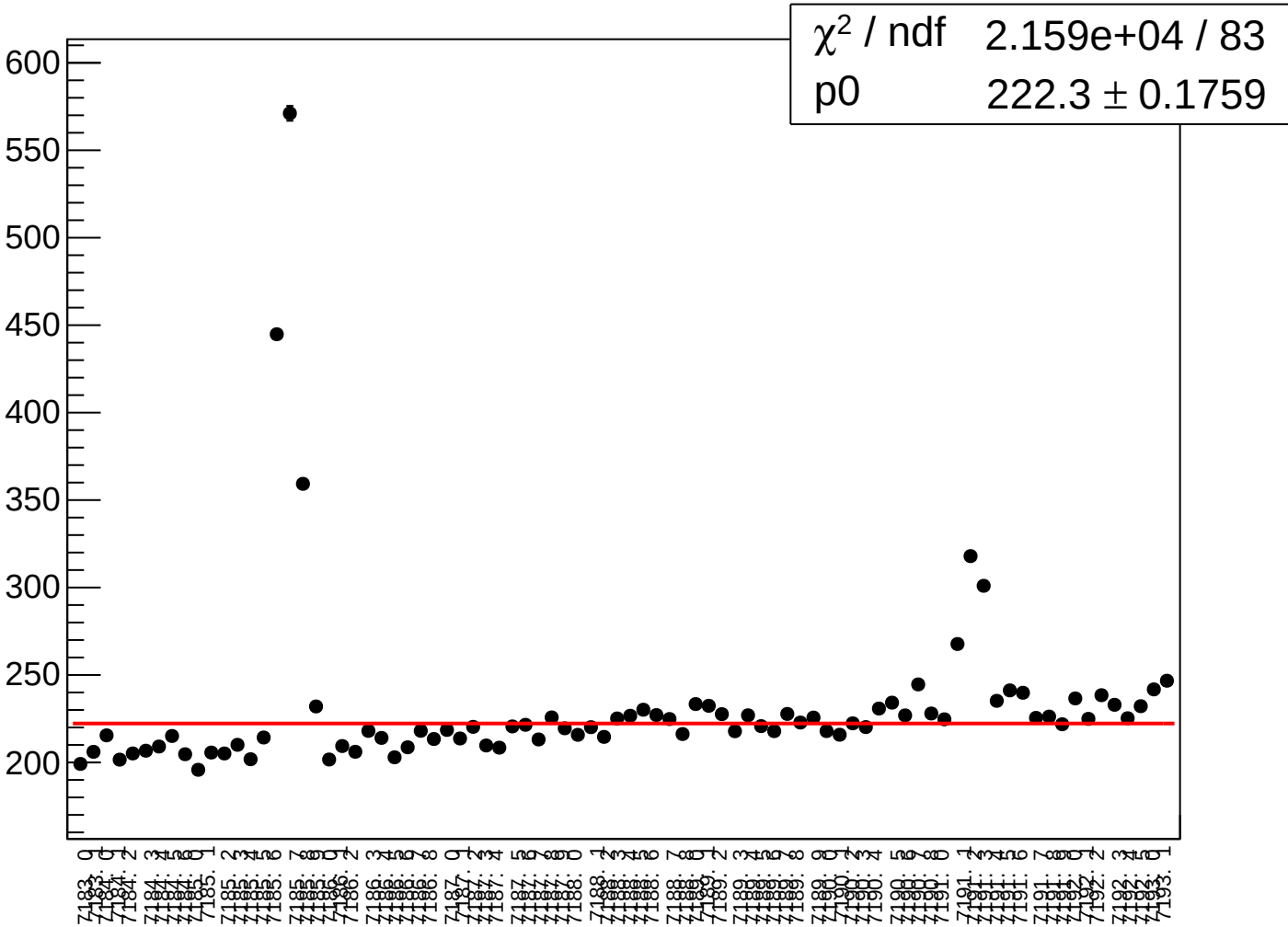
asym_bpm0l07WS_rms vs run



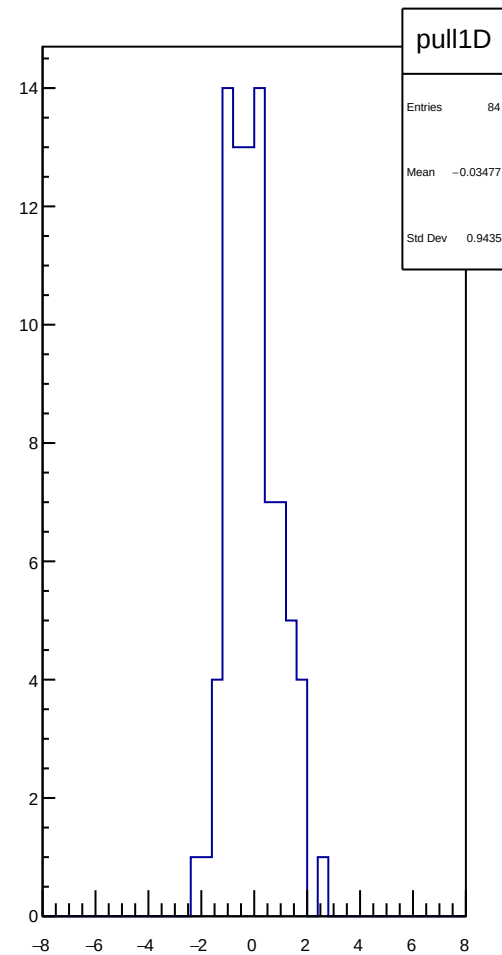
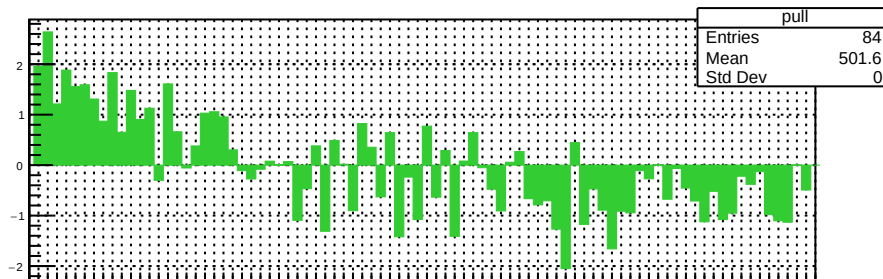
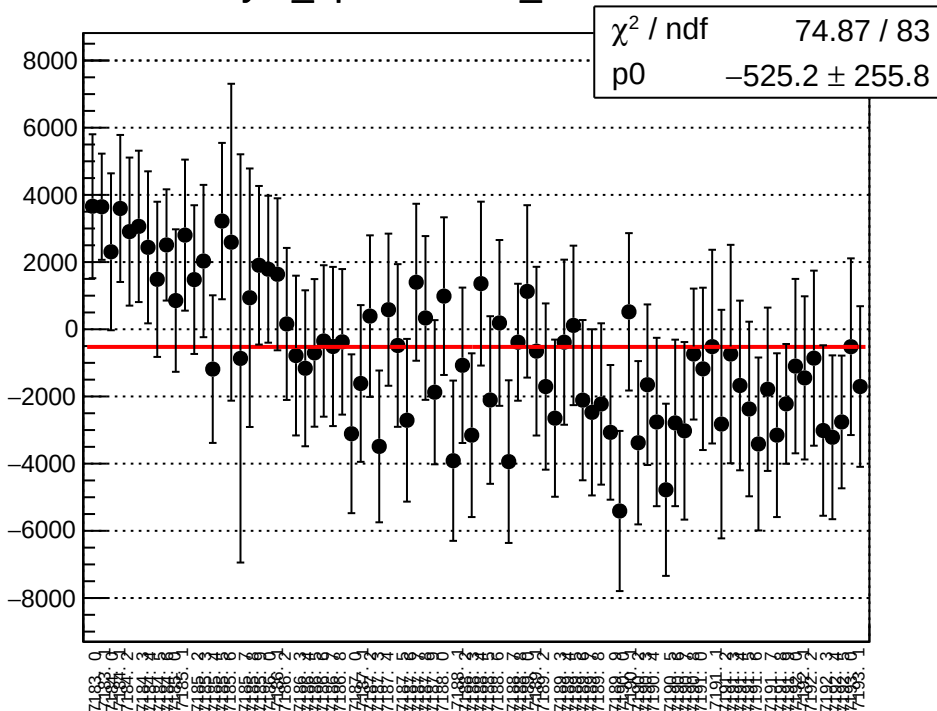
asym_bpm0l08WS_mean vs run



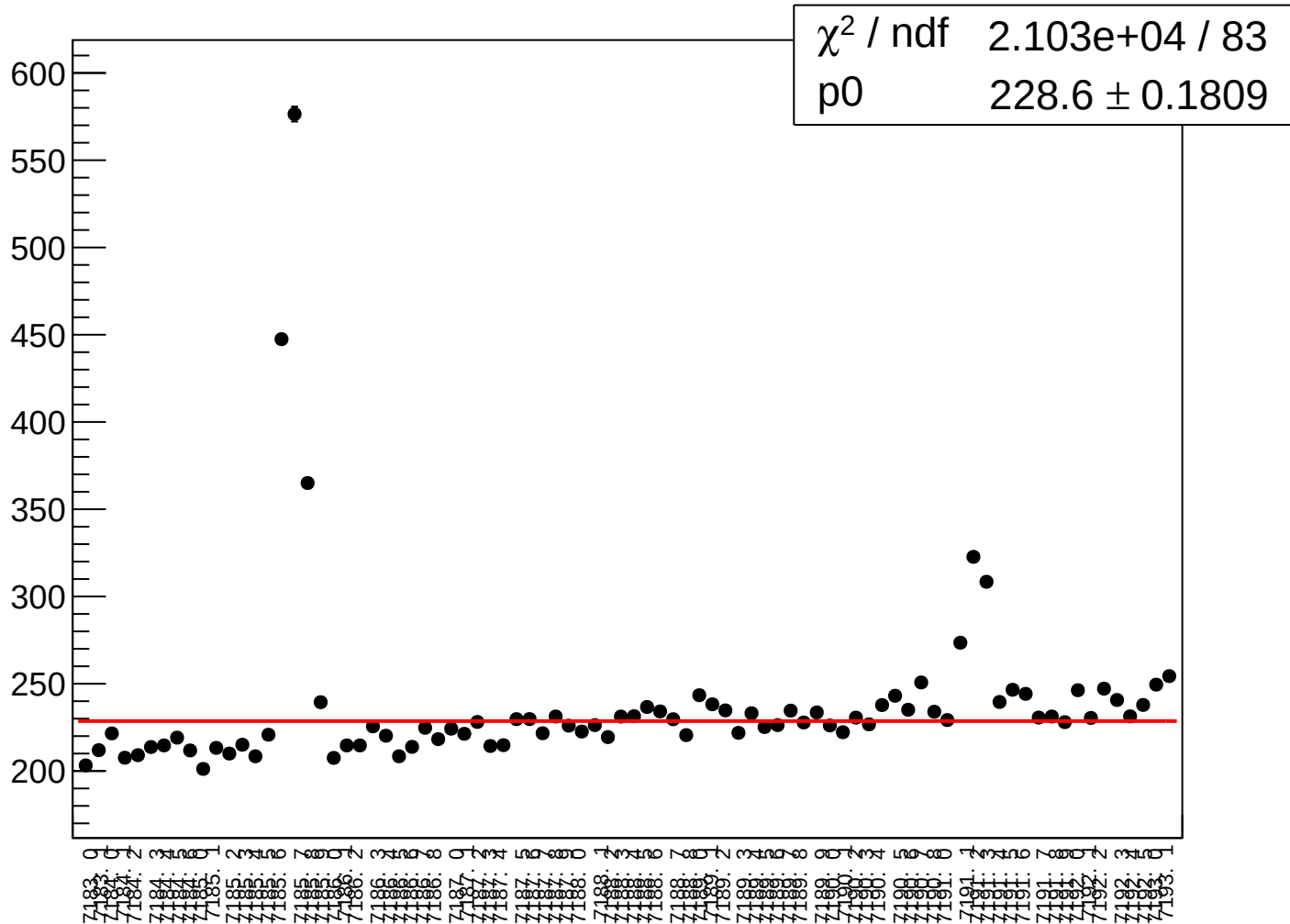
asym_bpm0l08WS_rms vs run



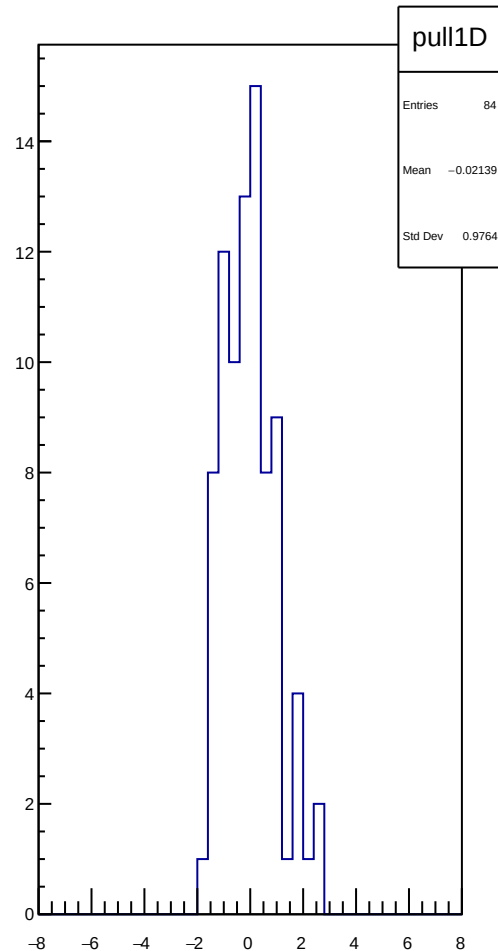
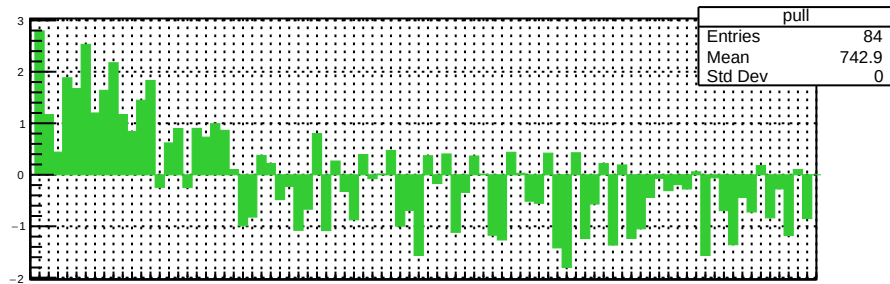
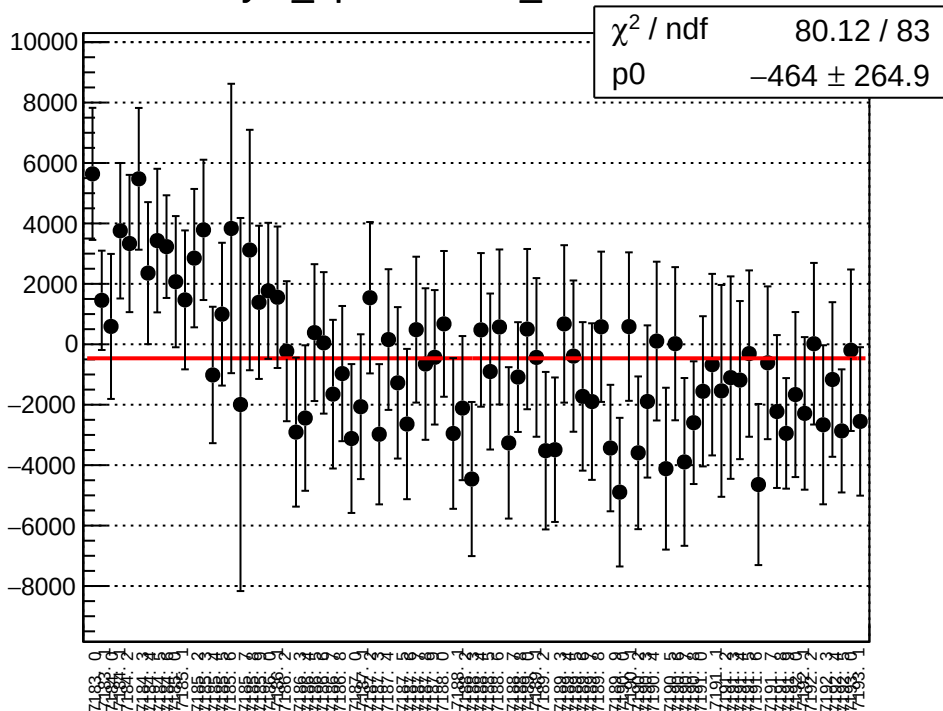
asym_bpm0l09WS_mean vs run



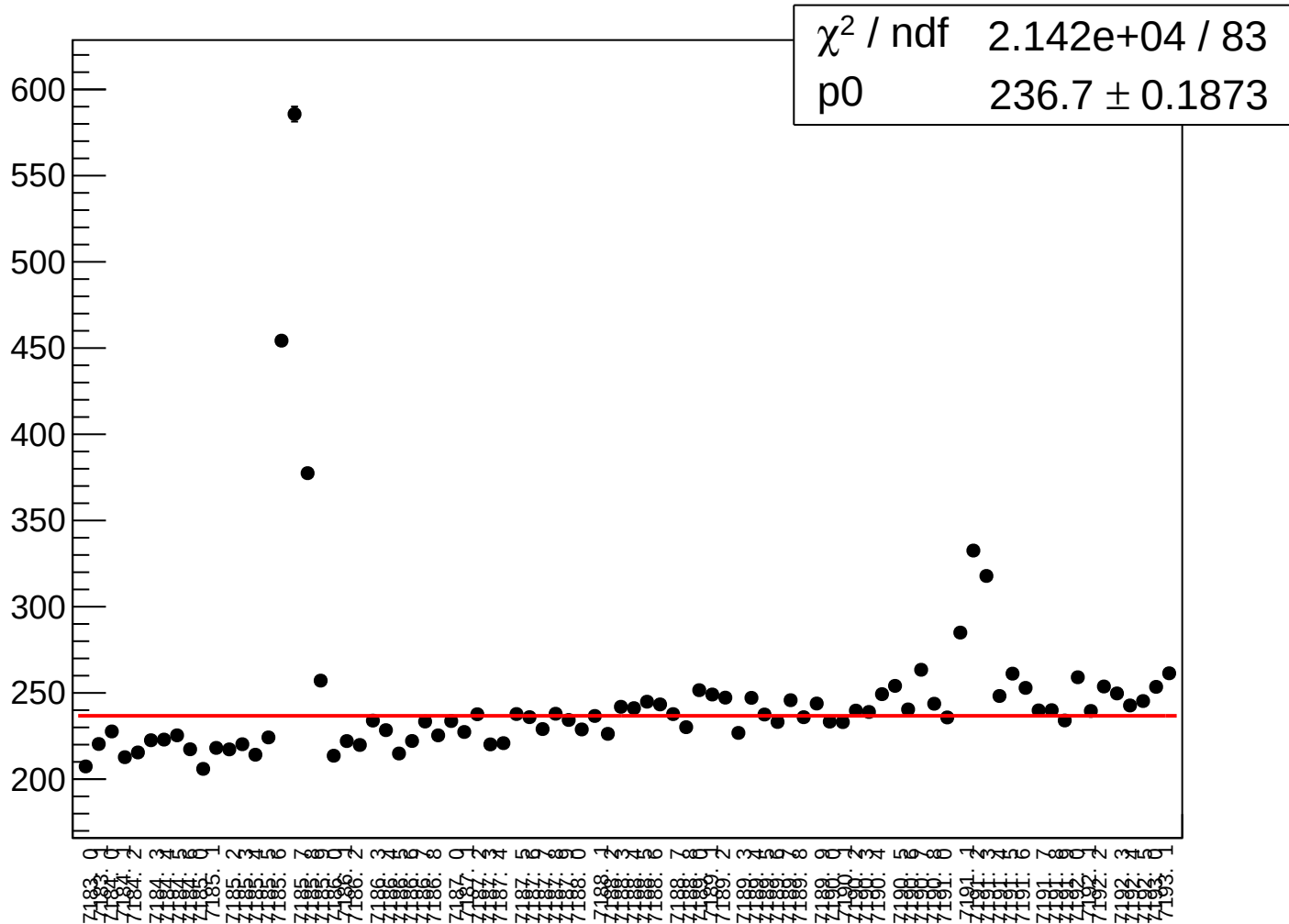
asym_bpm0l09WS_rms vs run



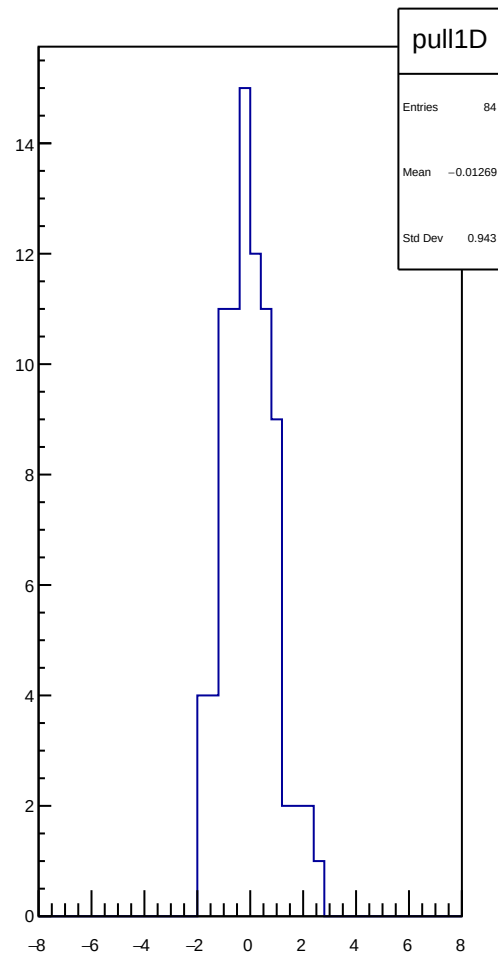
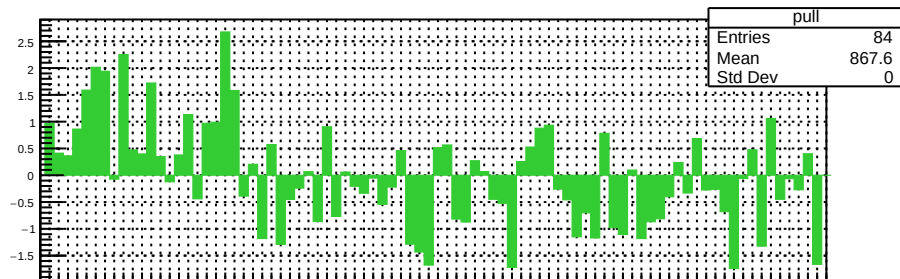
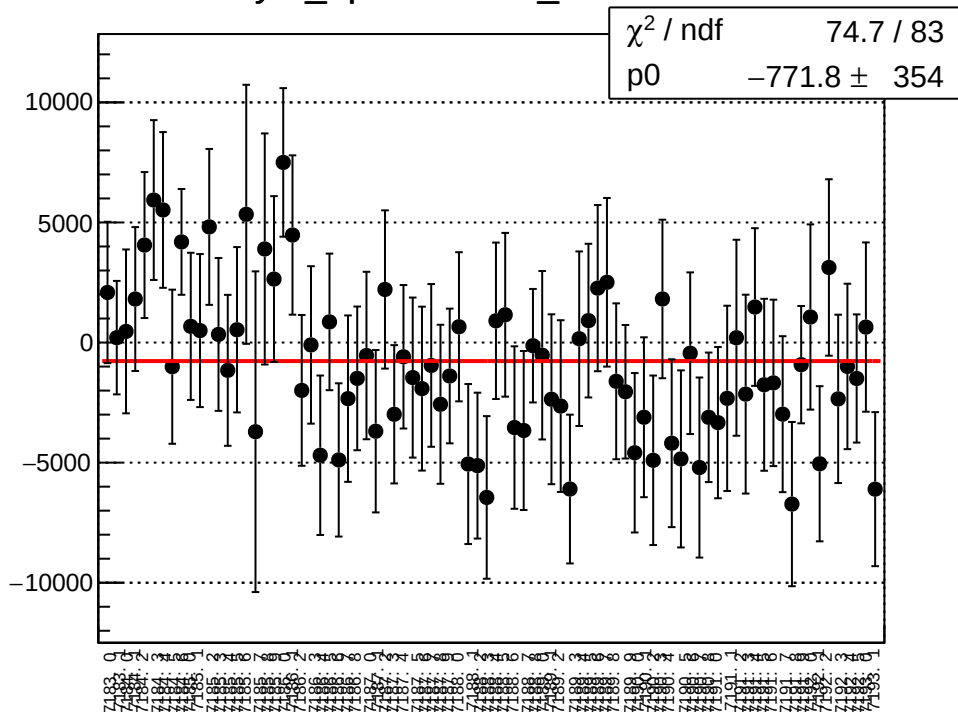
asym_bpm0l10WS_mean vs run



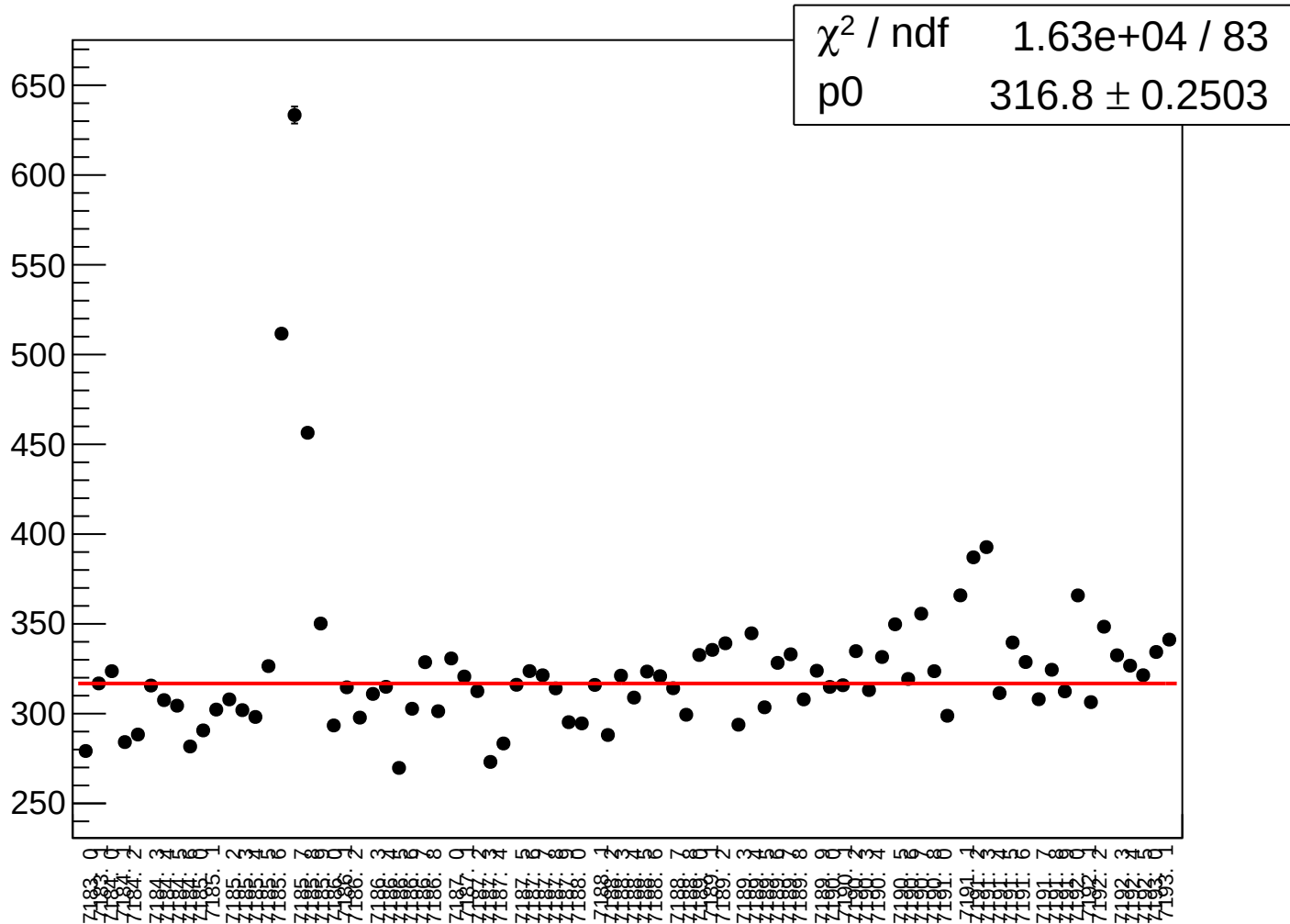
asym_bpm0l10WS_rms vs run



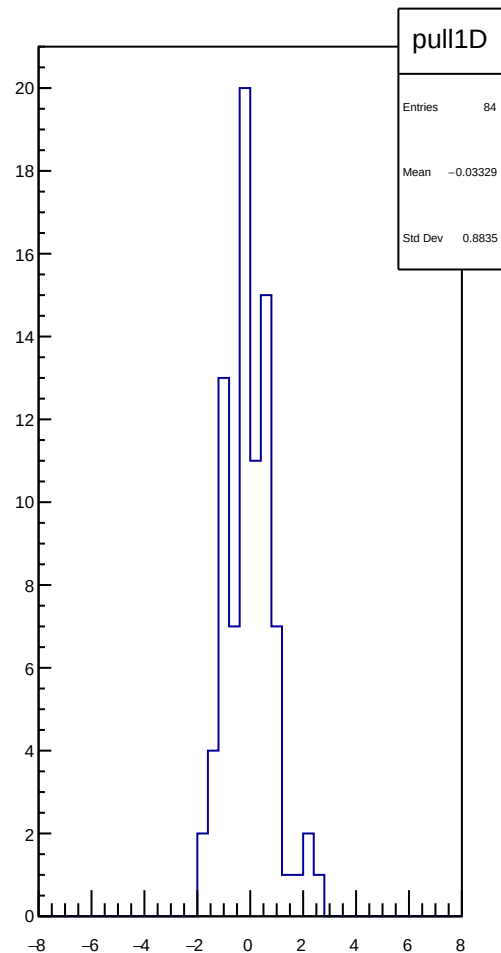
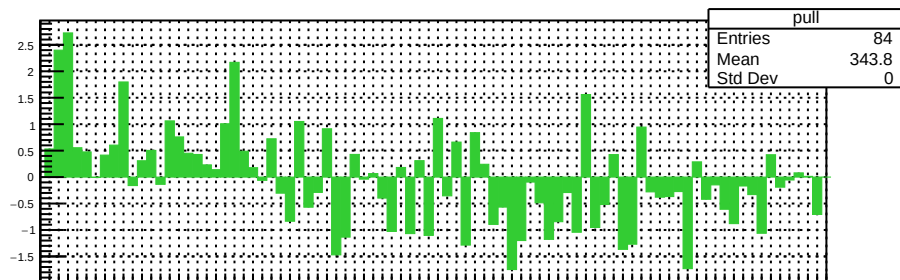
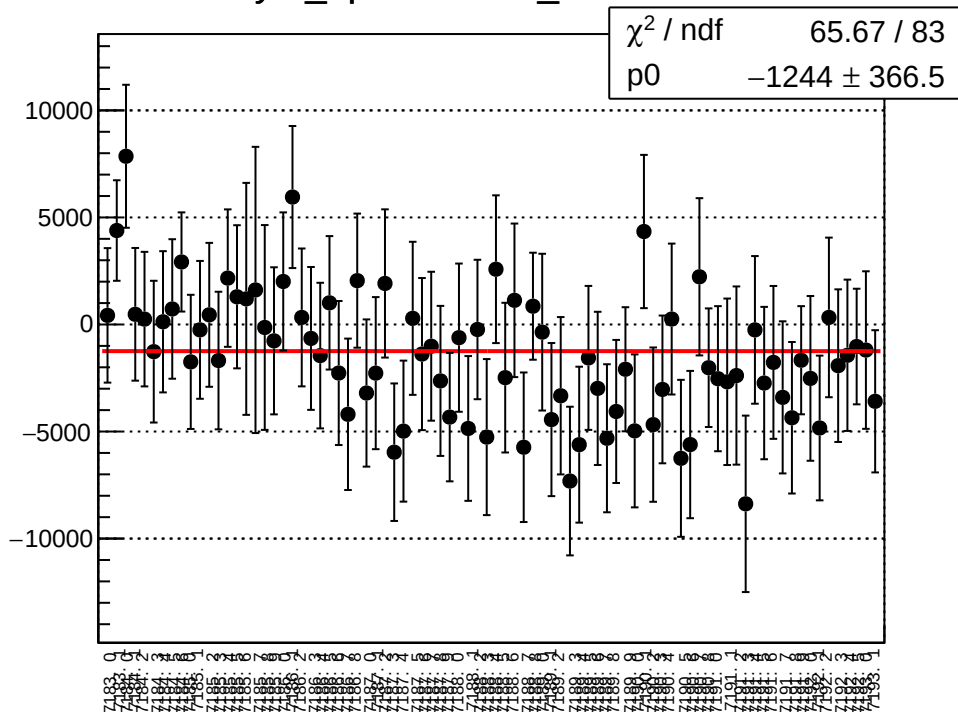
asym_bpm0r03WS_mean vs run



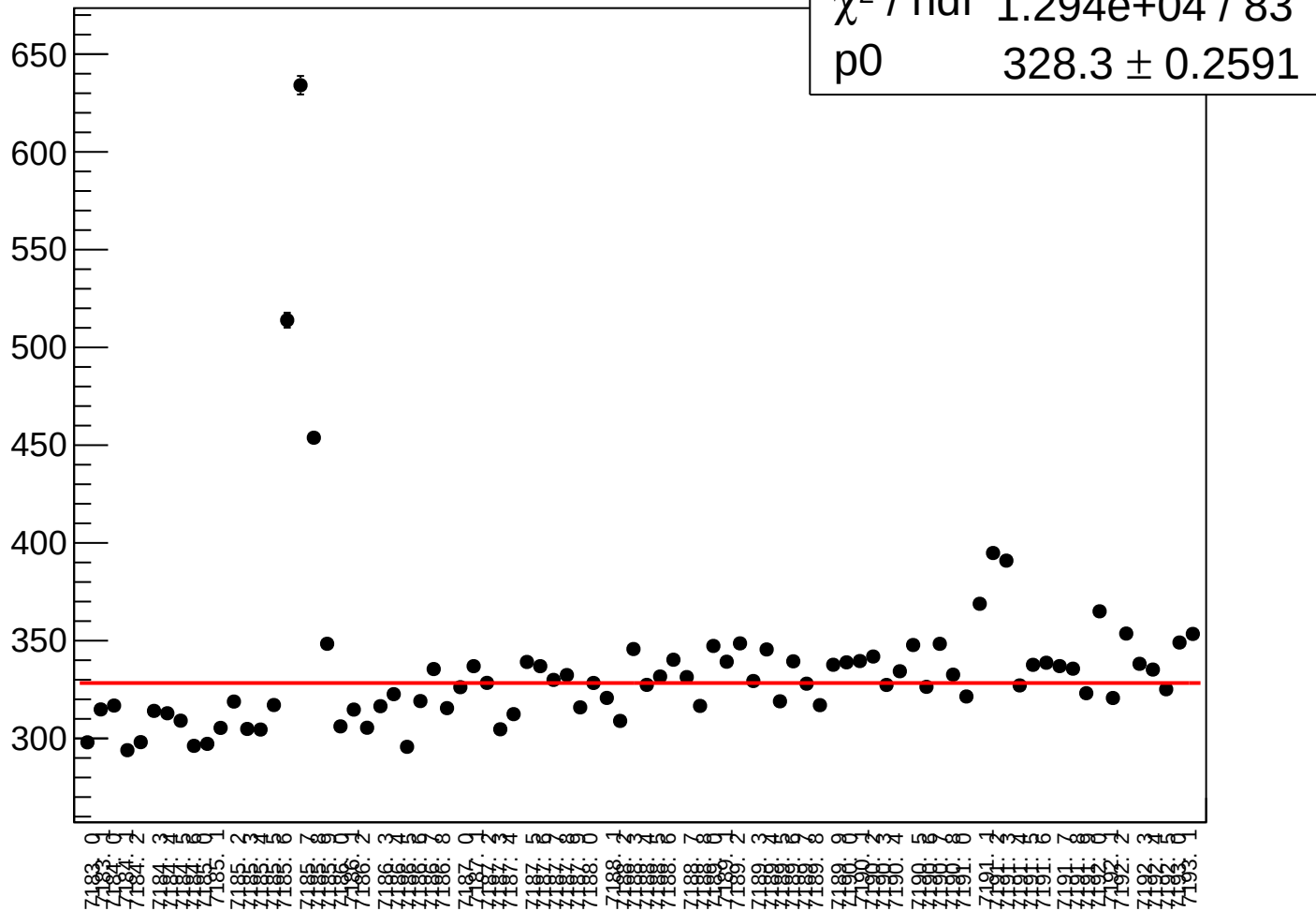
asym_bpm0r03WS_rms vs run



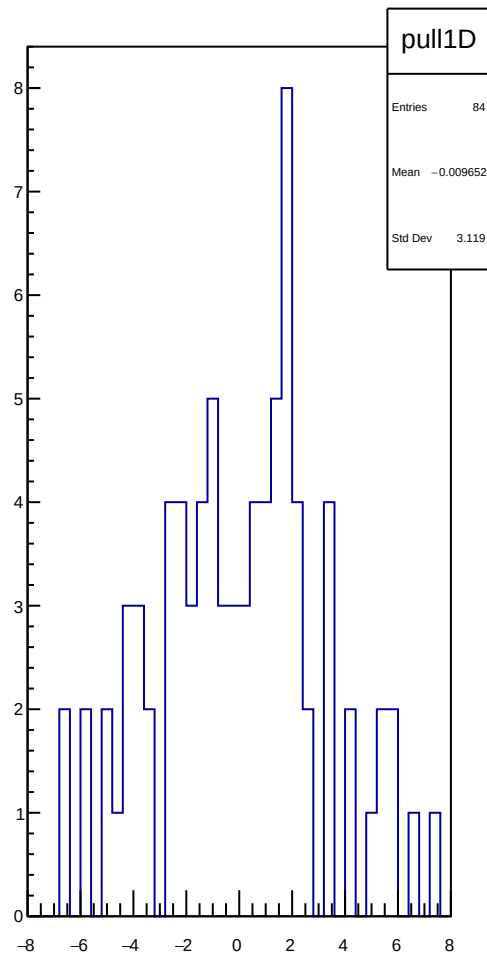
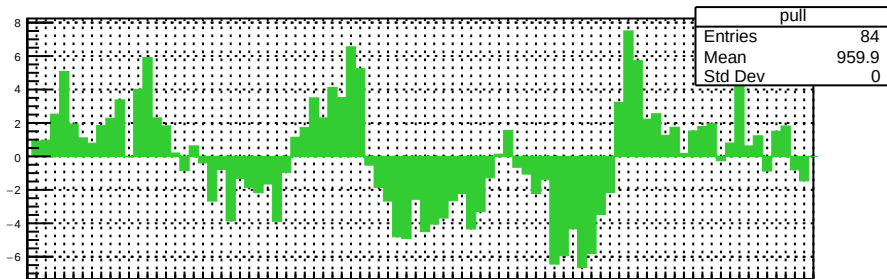
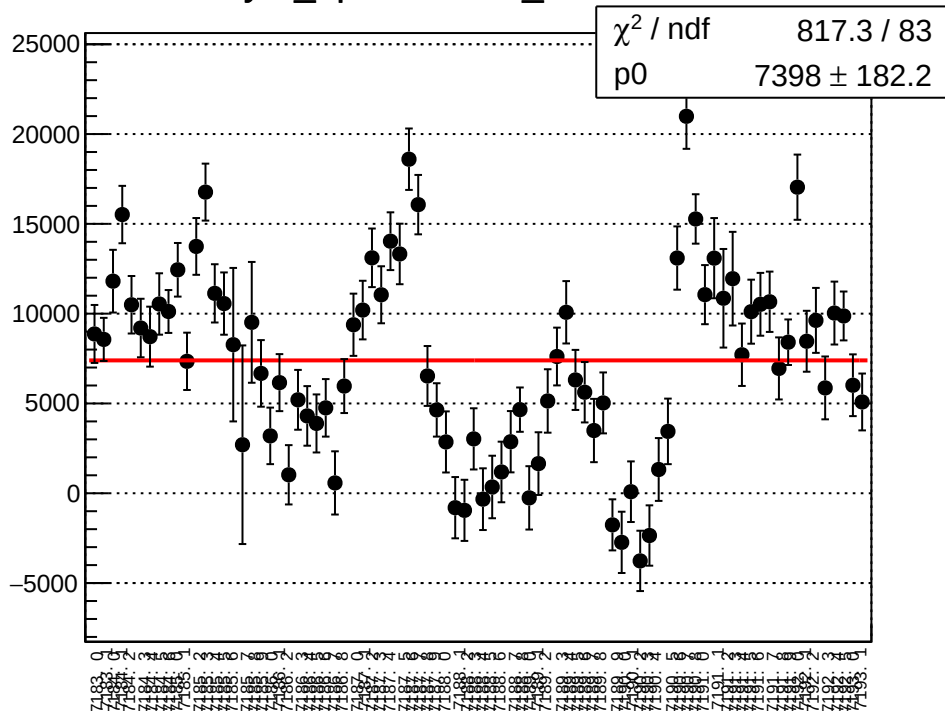
asym_bpm0r05WS_mean vs run



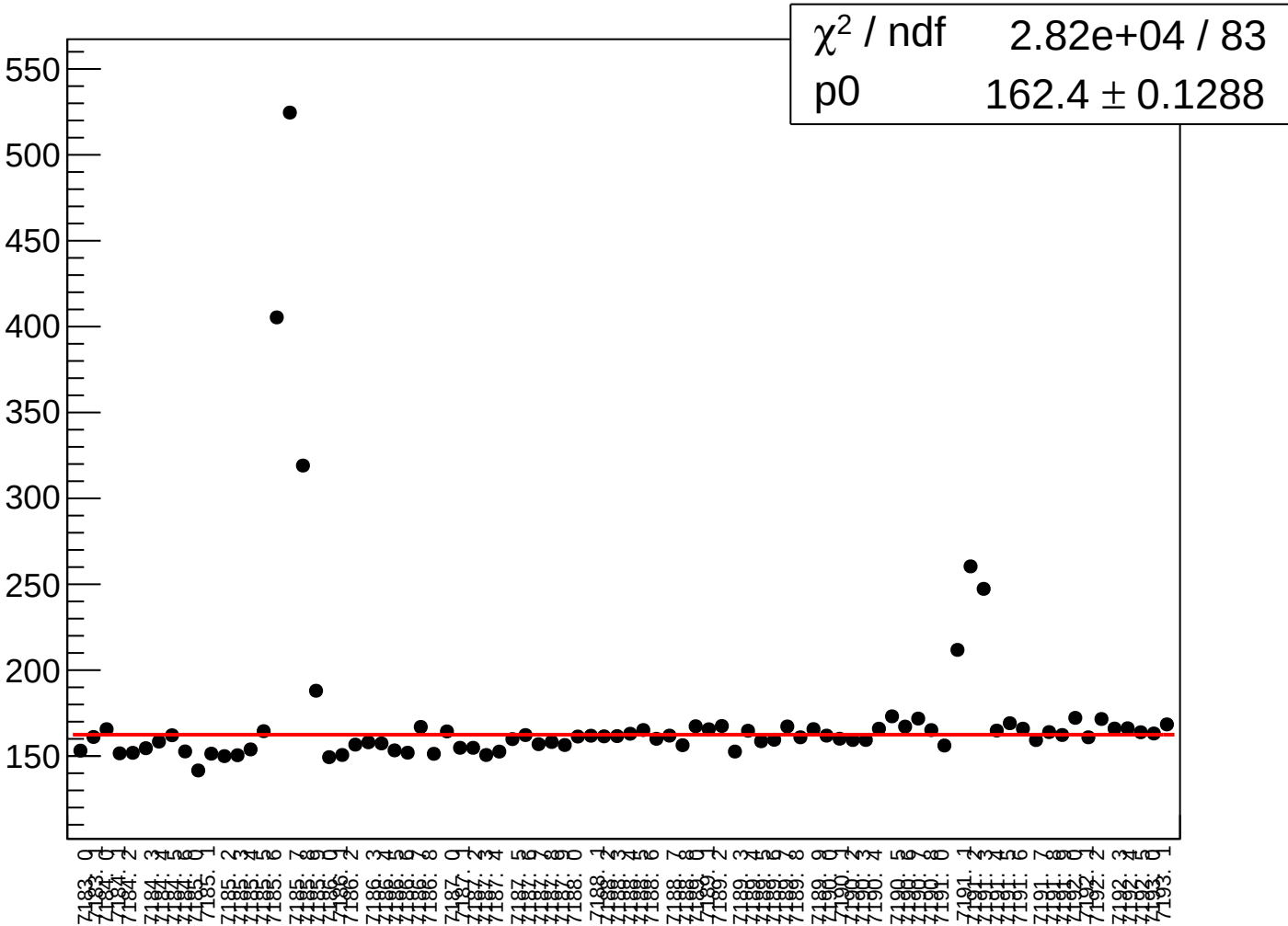
χ^2 / ndf	1.294e+04 / 83
p0	328.3 ± 0.2591



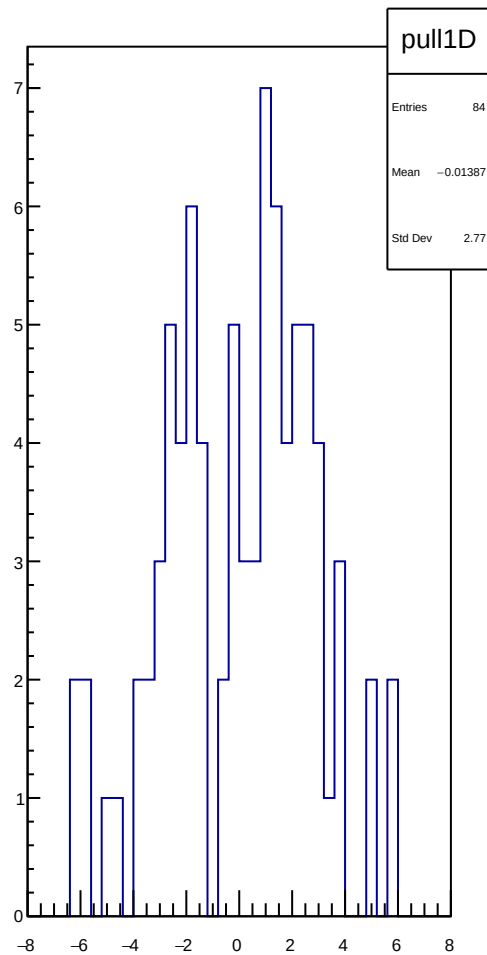
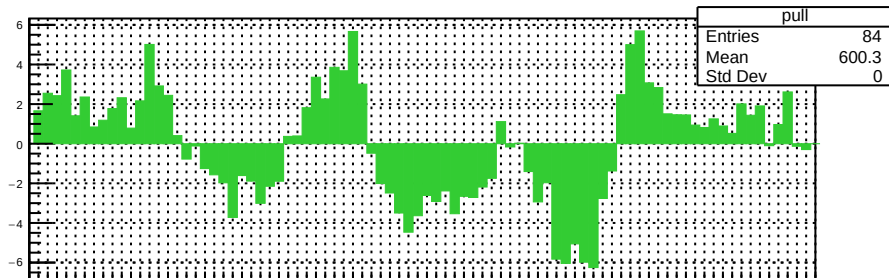
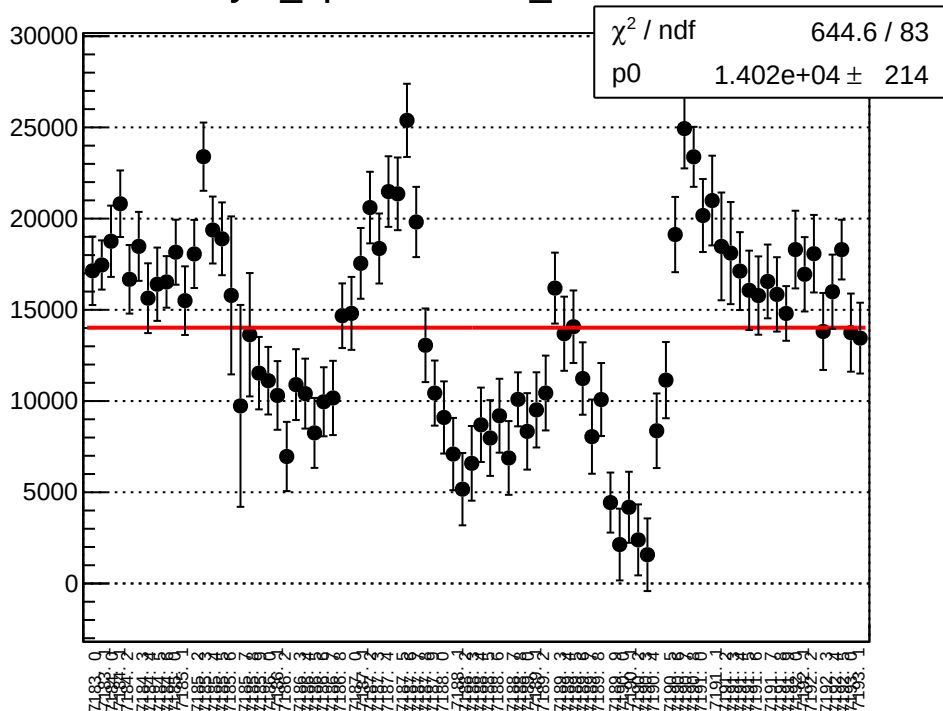
asym_bpm0i02WS_mean vs run



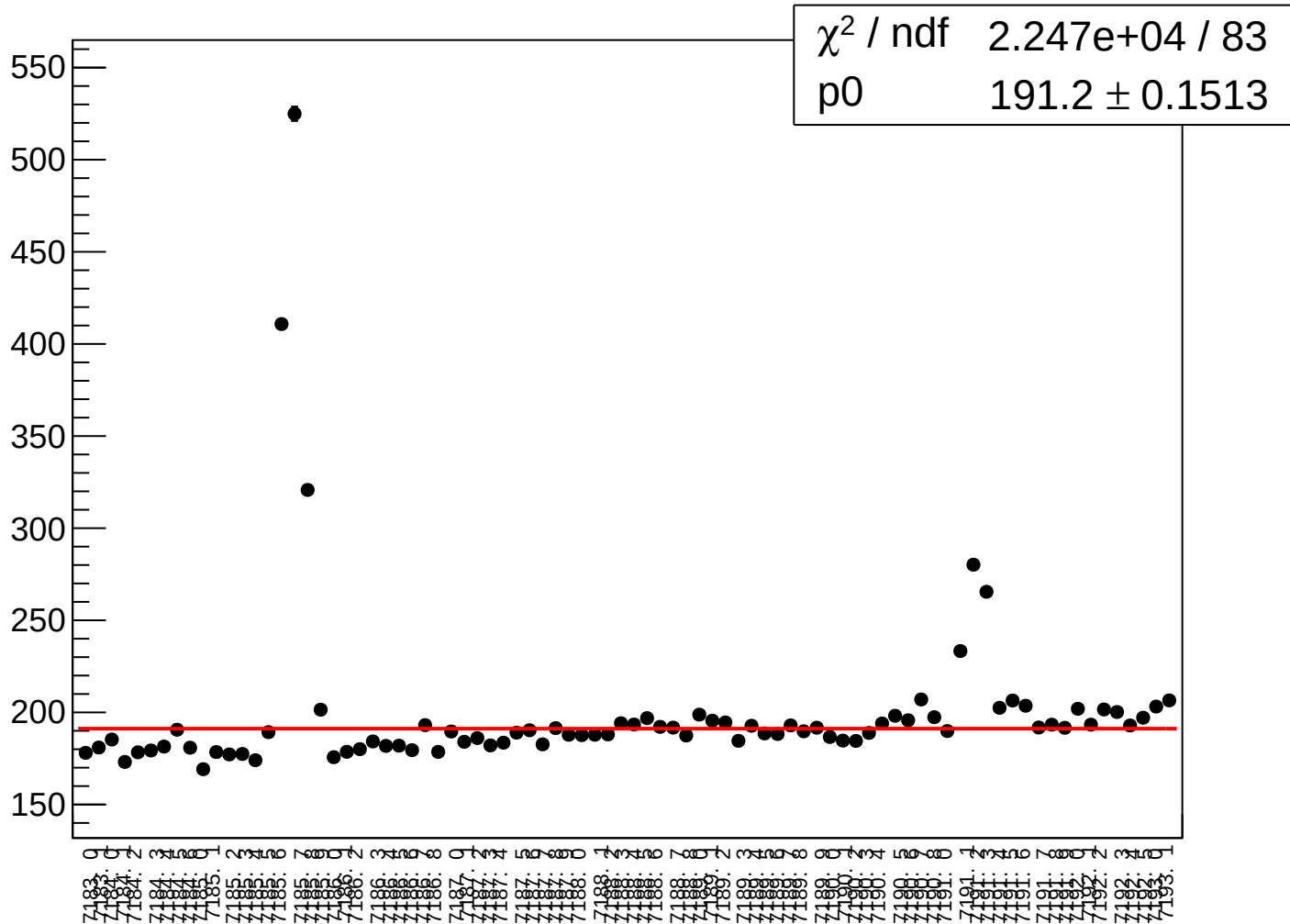
asym_bpm0i02WS_rms vs run



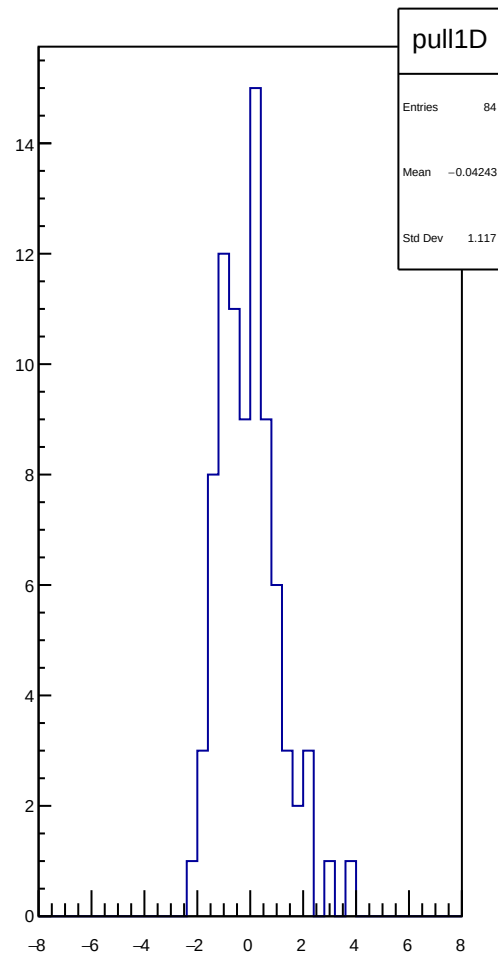
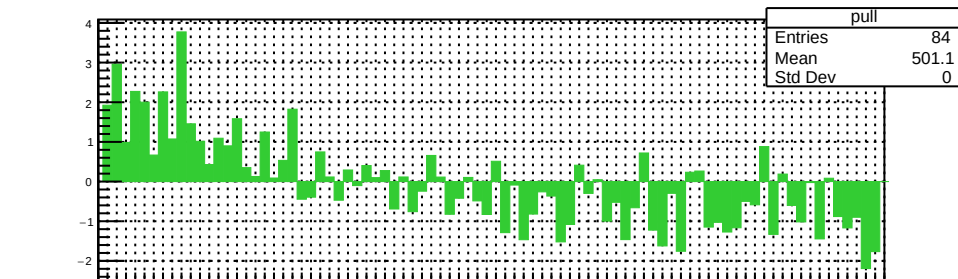
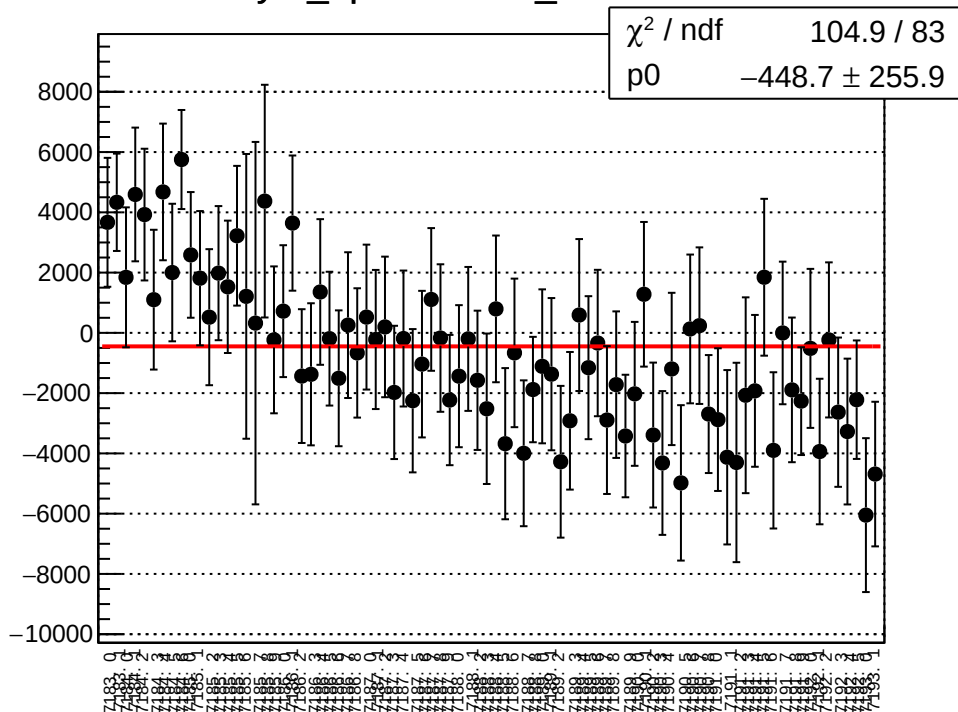
asym_bpm0i02aWS_mean vs run



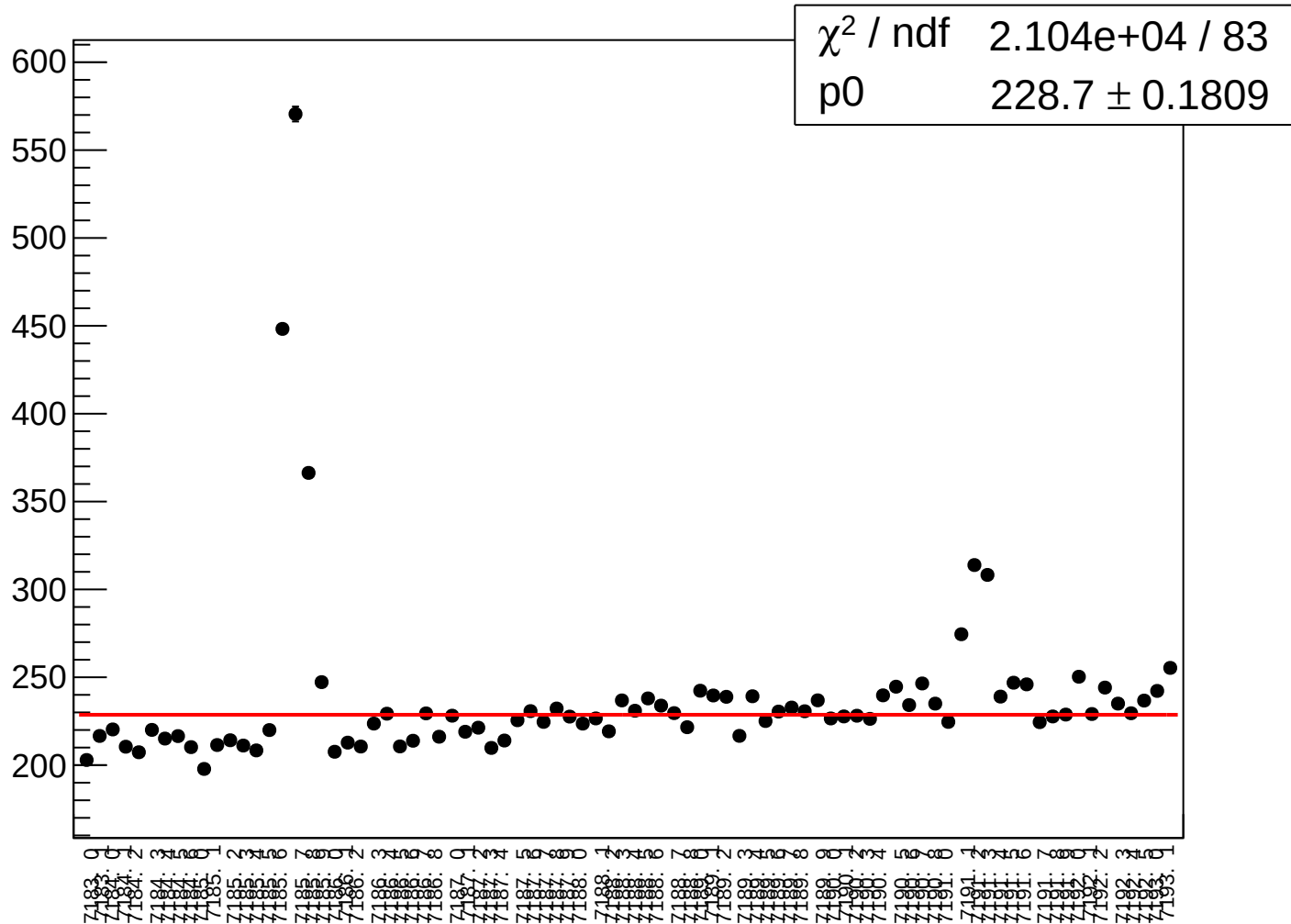
asym_bpm0i02aWS_rms vs run



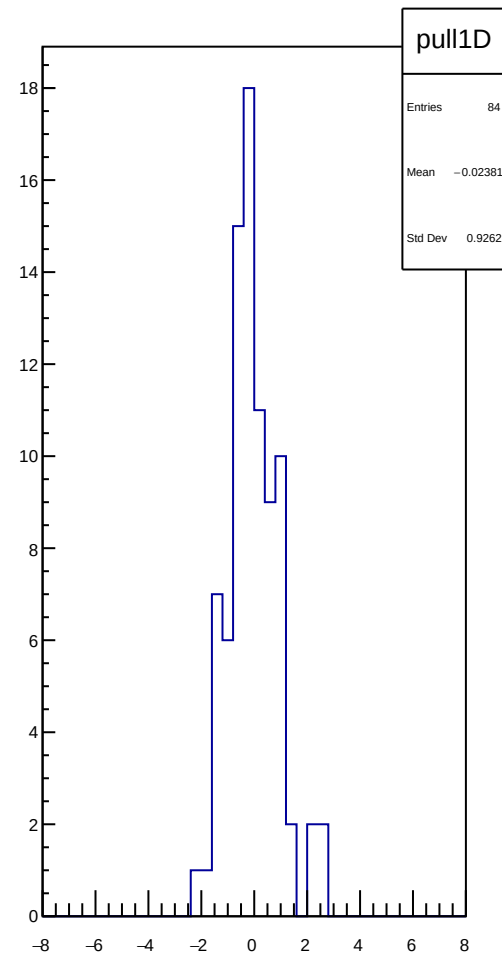
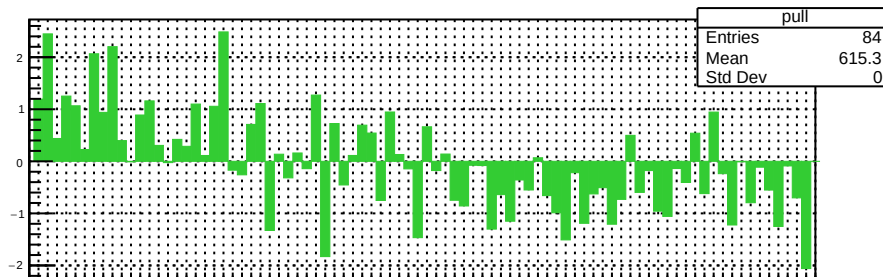
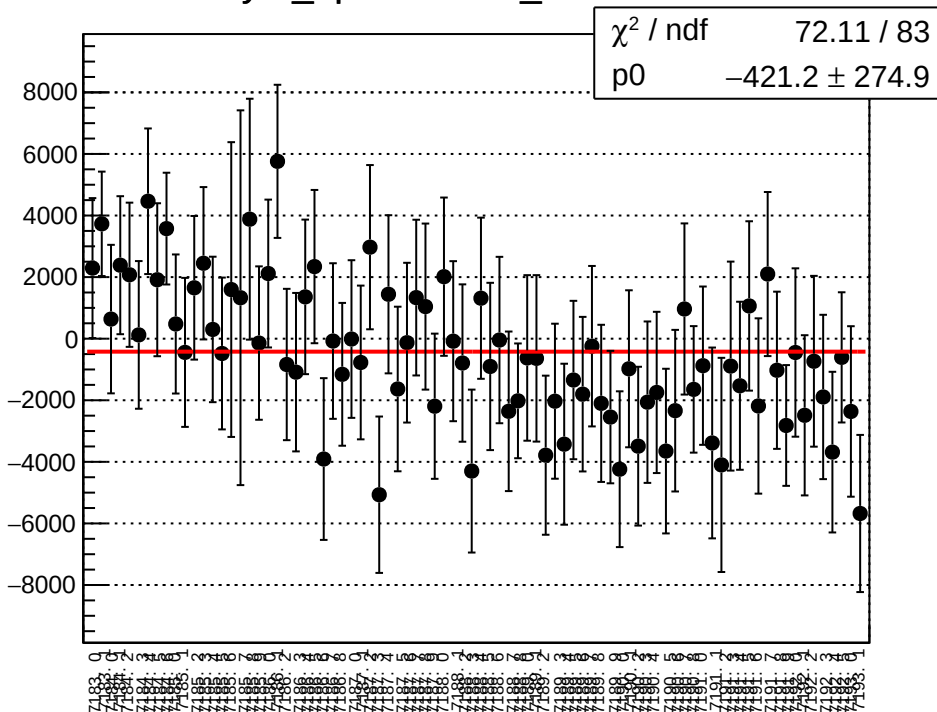
asym_bpm0i05WS_mean vs run



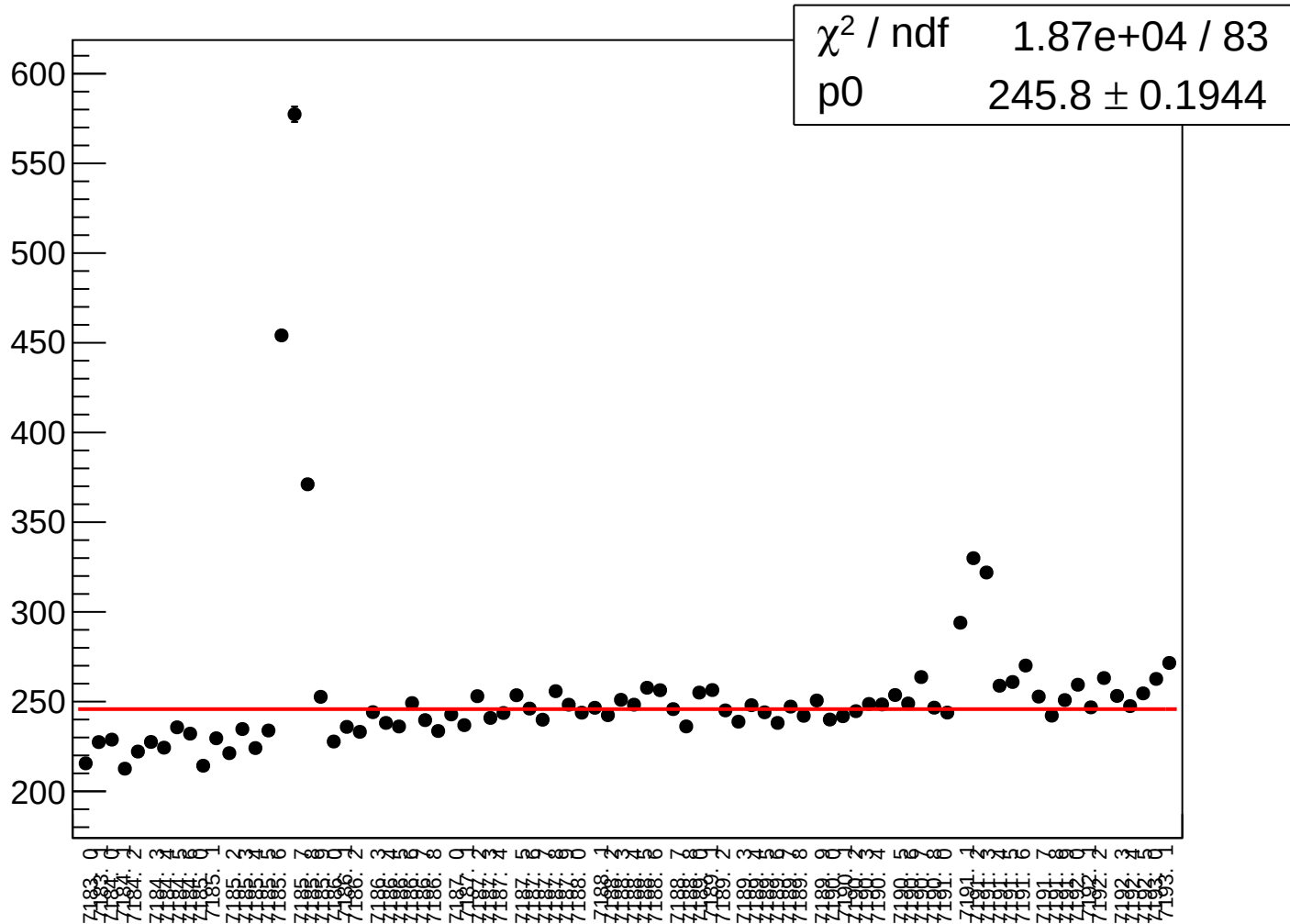
asym_bpm0i05WS_rms vs run



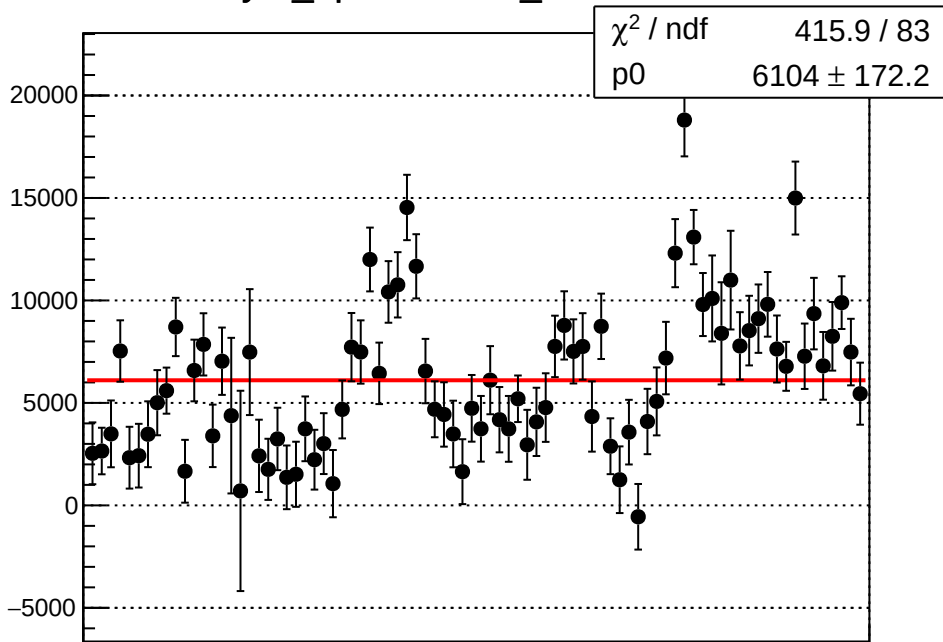
asym_bpm0i07WS_mean vs run



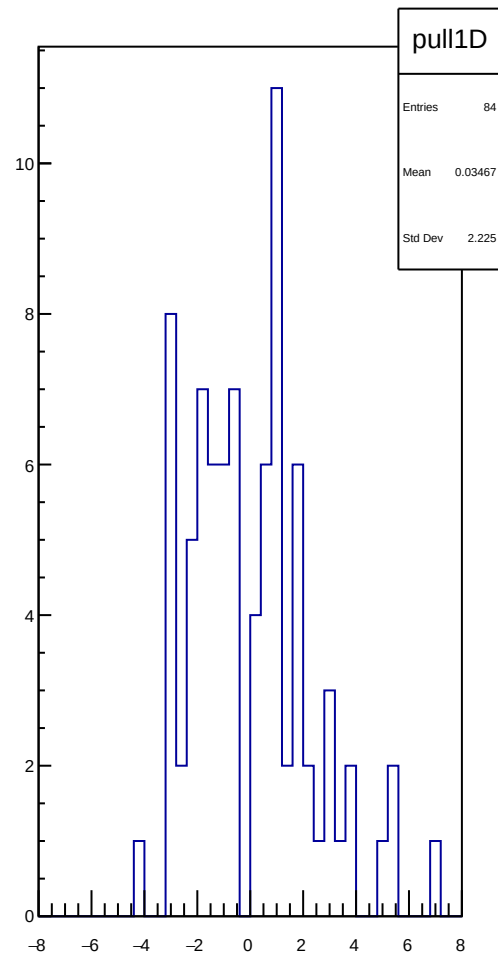
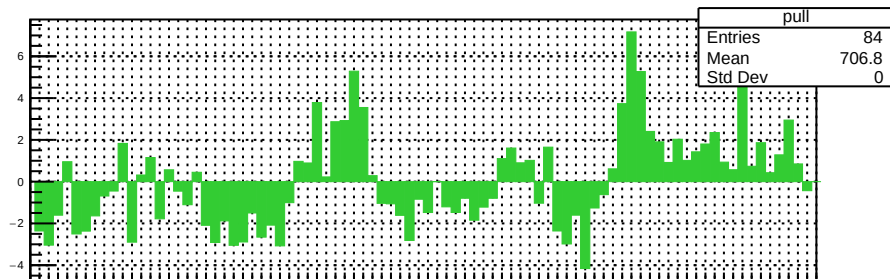
asym_bpm0i07WS_rms vs run



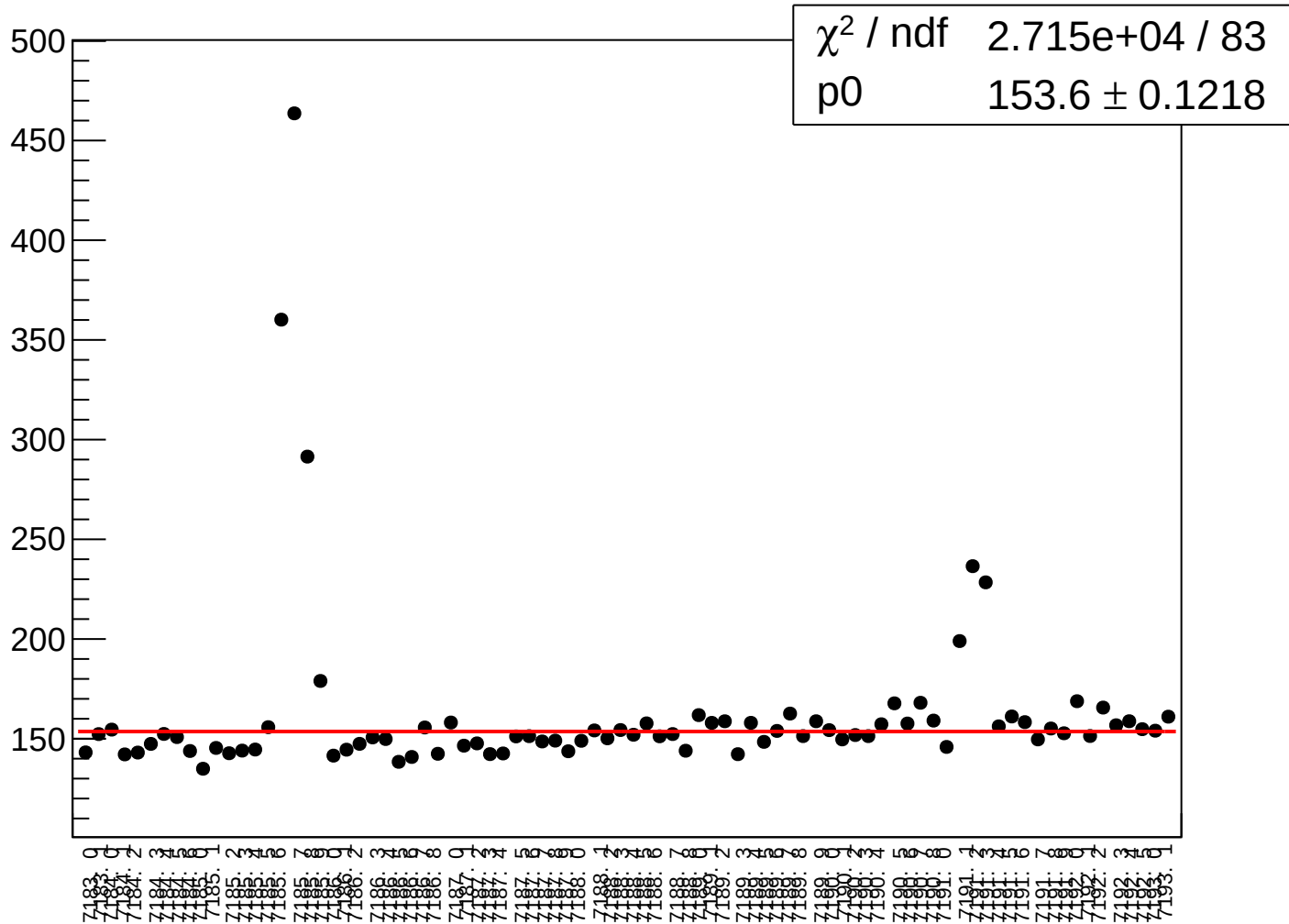
asym_bpm1i02WS_mean vs run



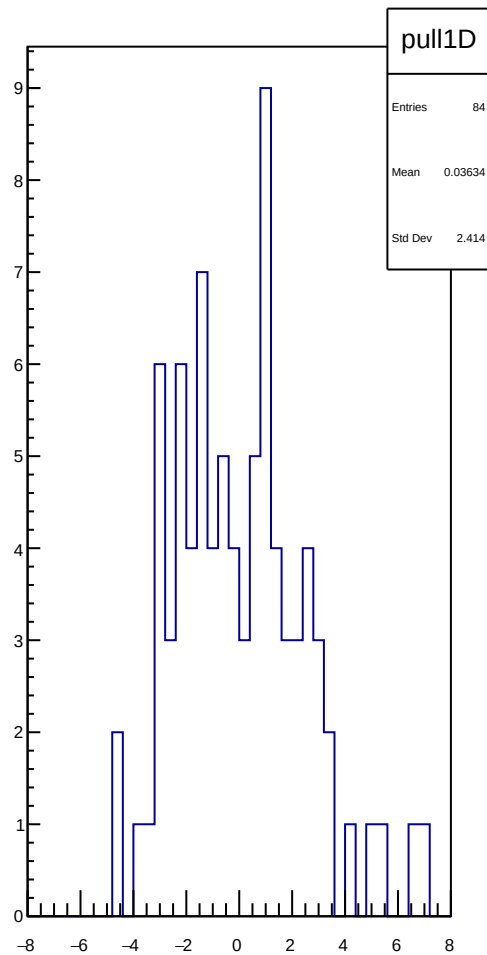
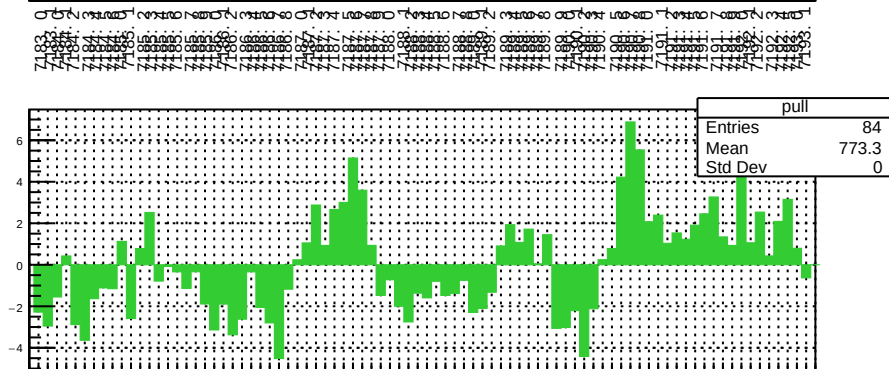
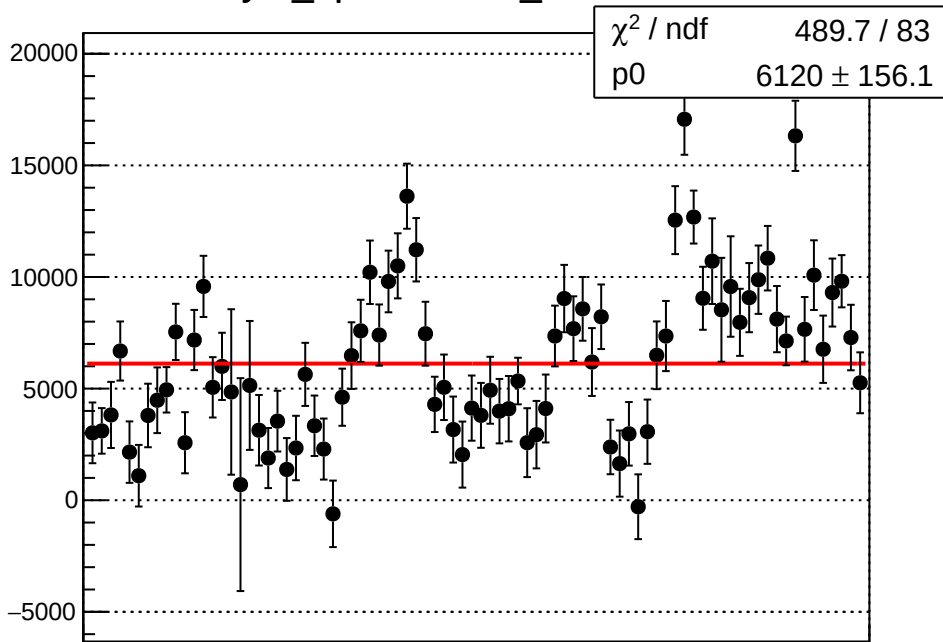
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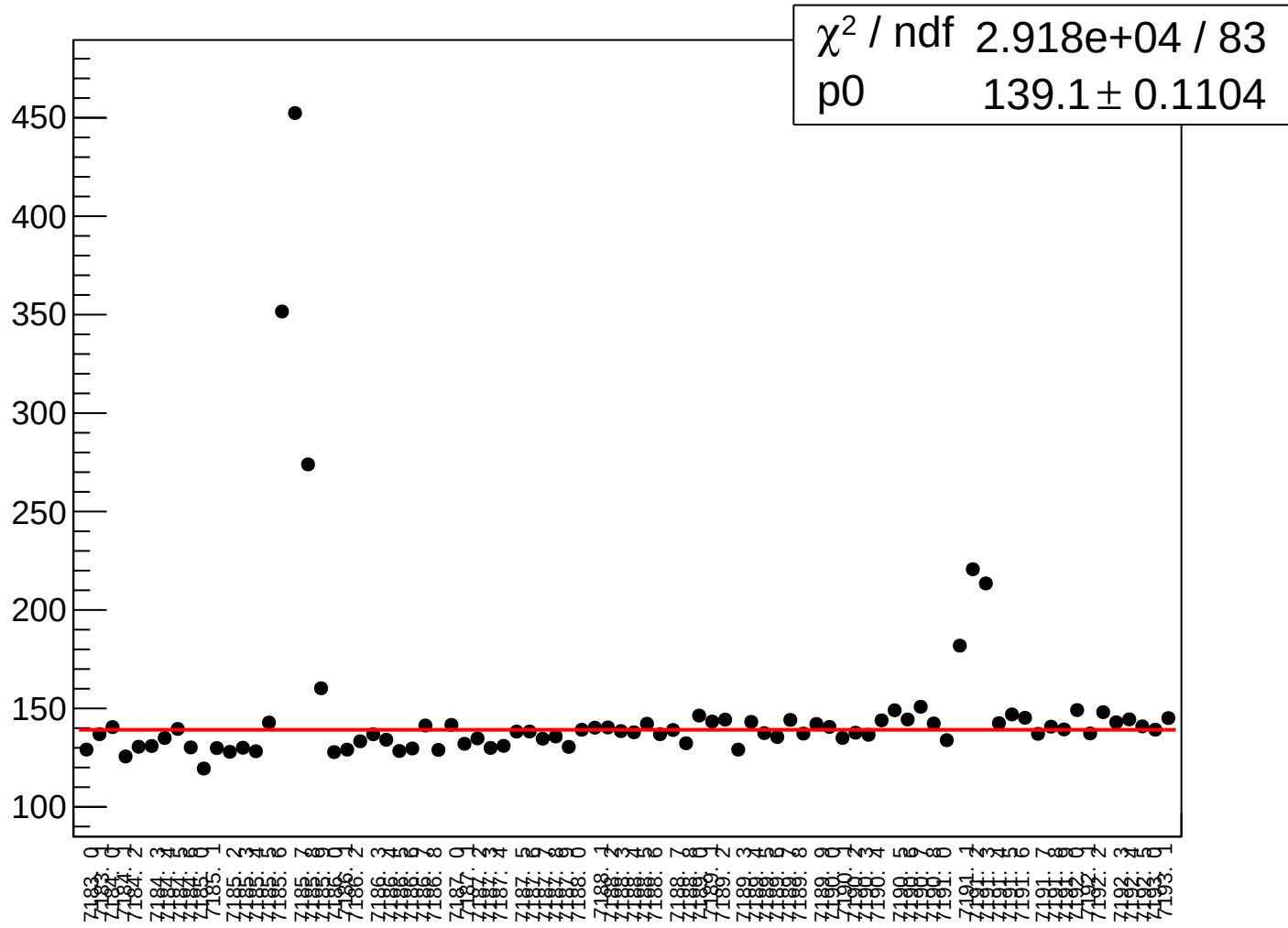
asym_bpm1i02WS_rms vs run



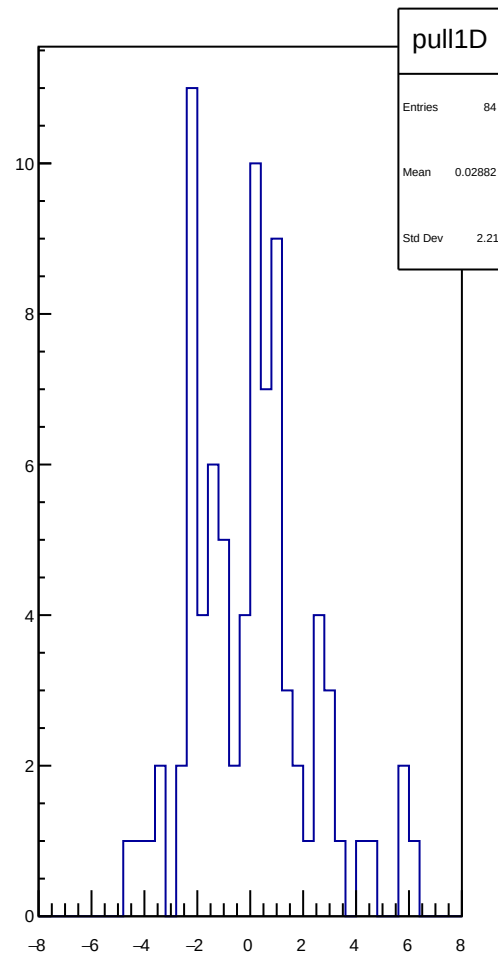
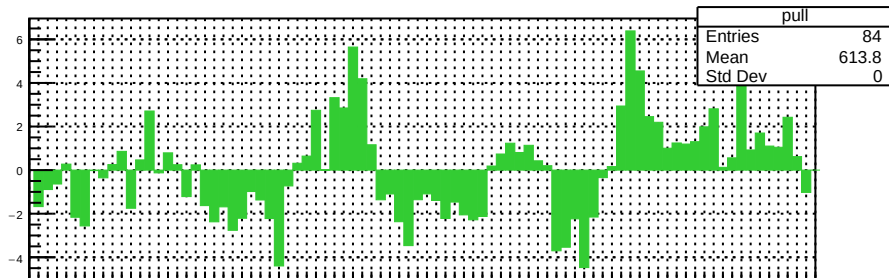
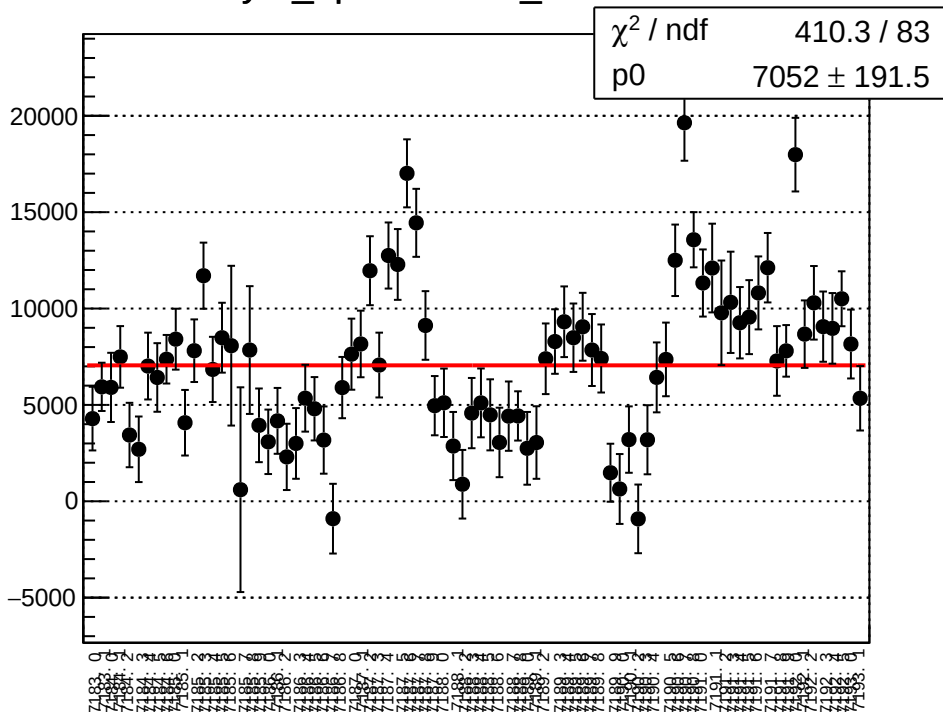
asym_bpm1i04WS_mean vs run



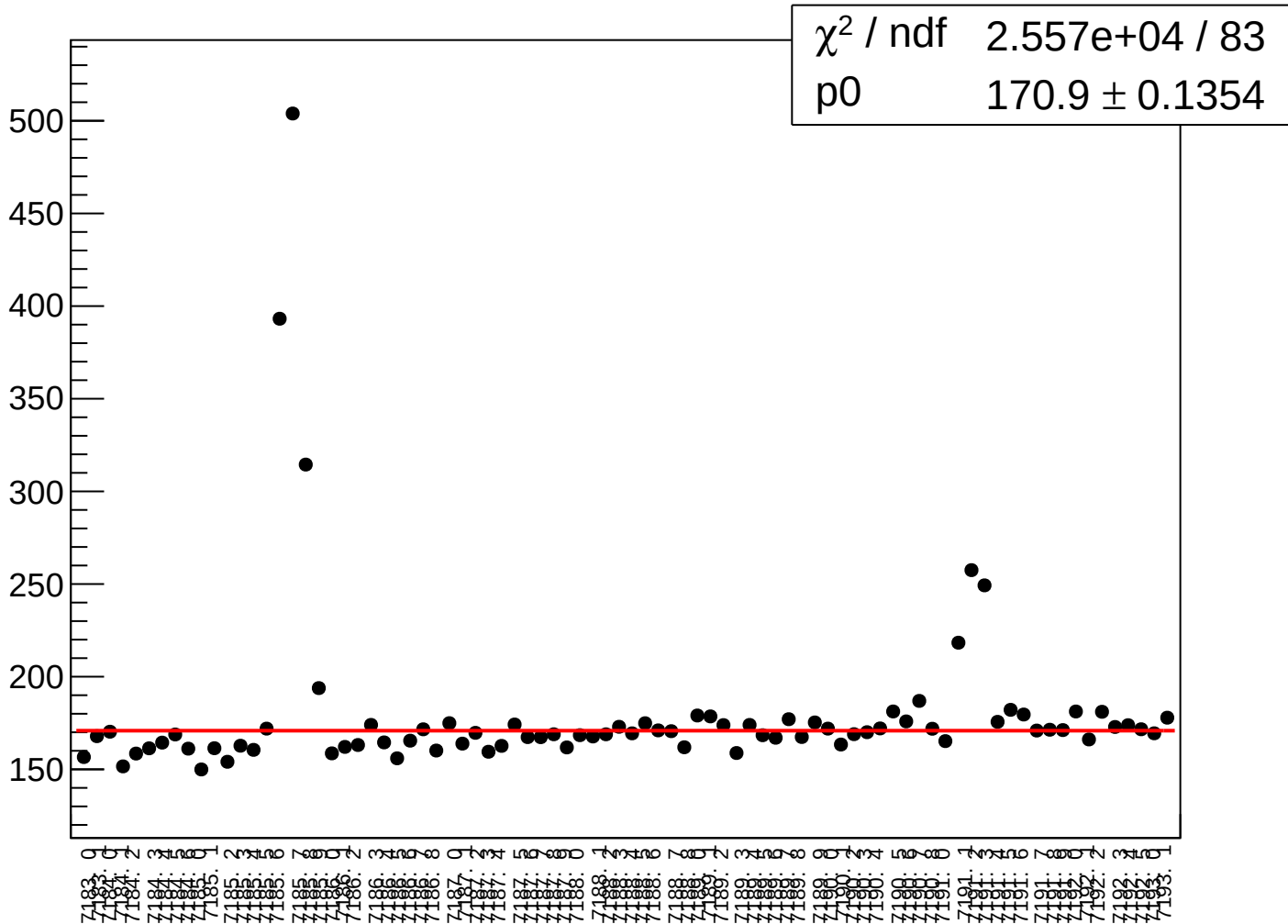
asym_bpm1i04WS_rms vs run



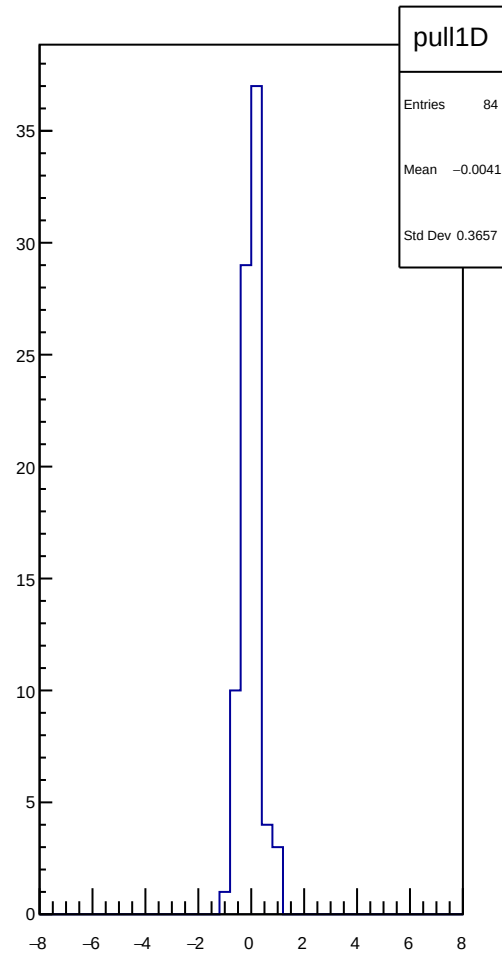
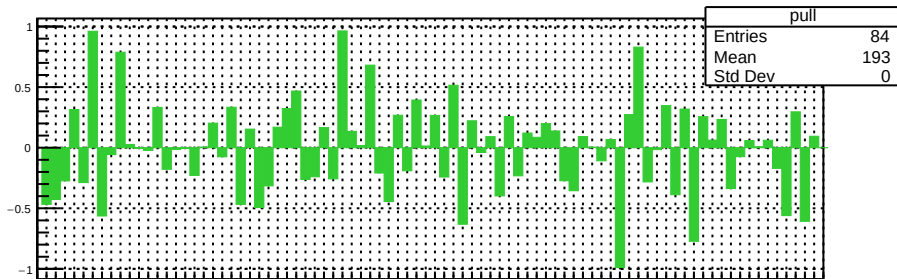
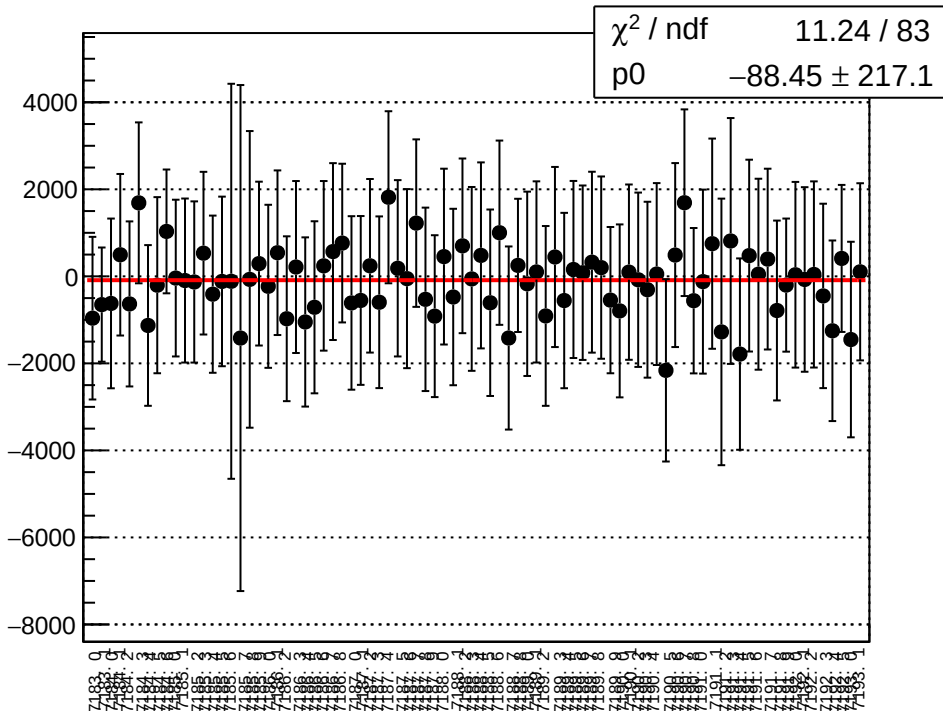
asym_bpm1i06WS_mean vs run



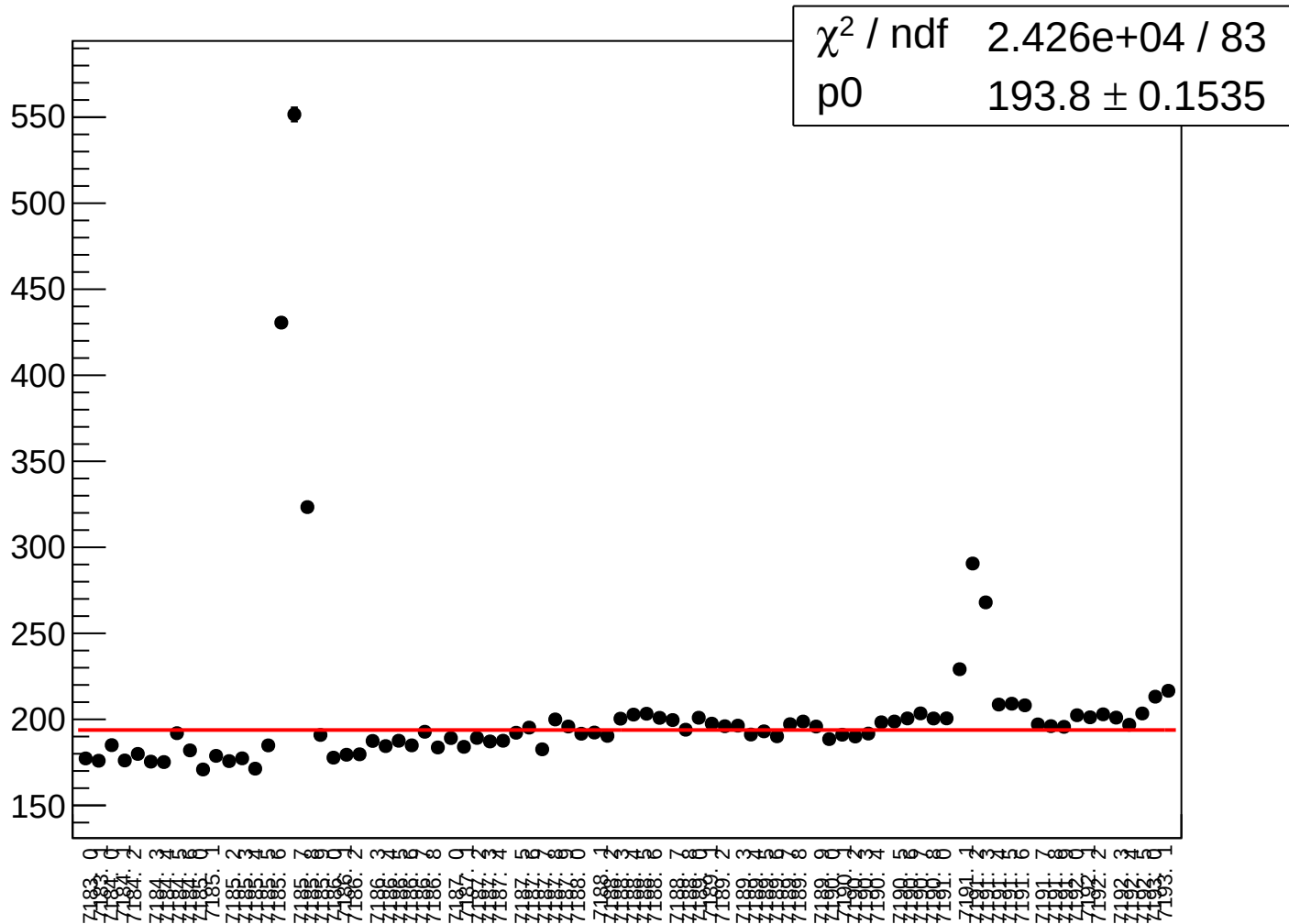
asym_bpm1i06WS_rms vs run



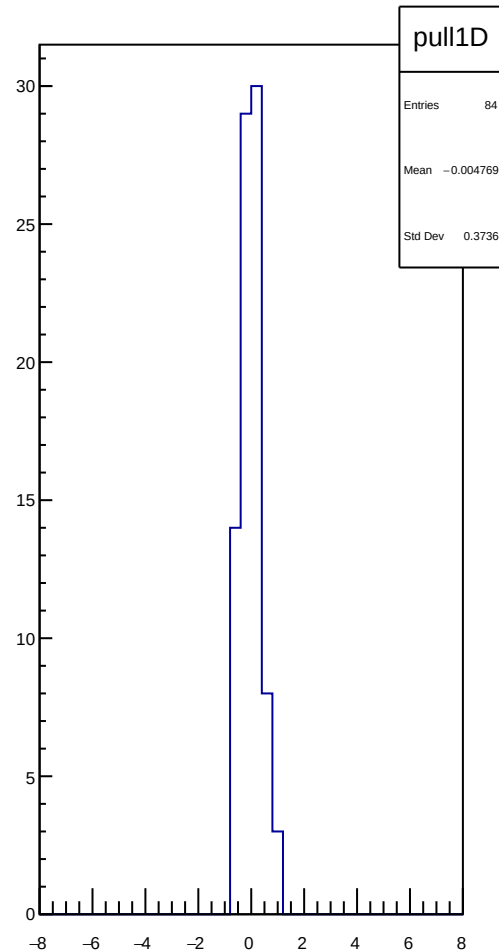
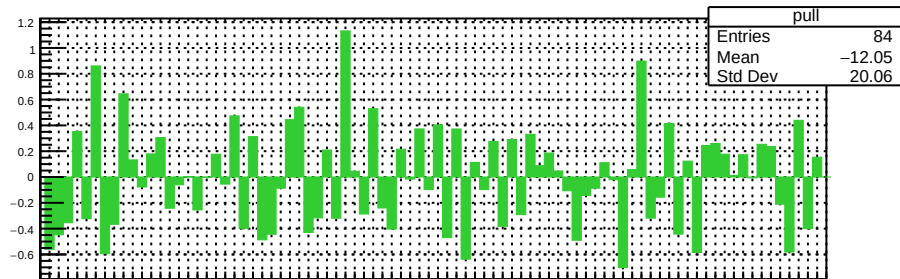
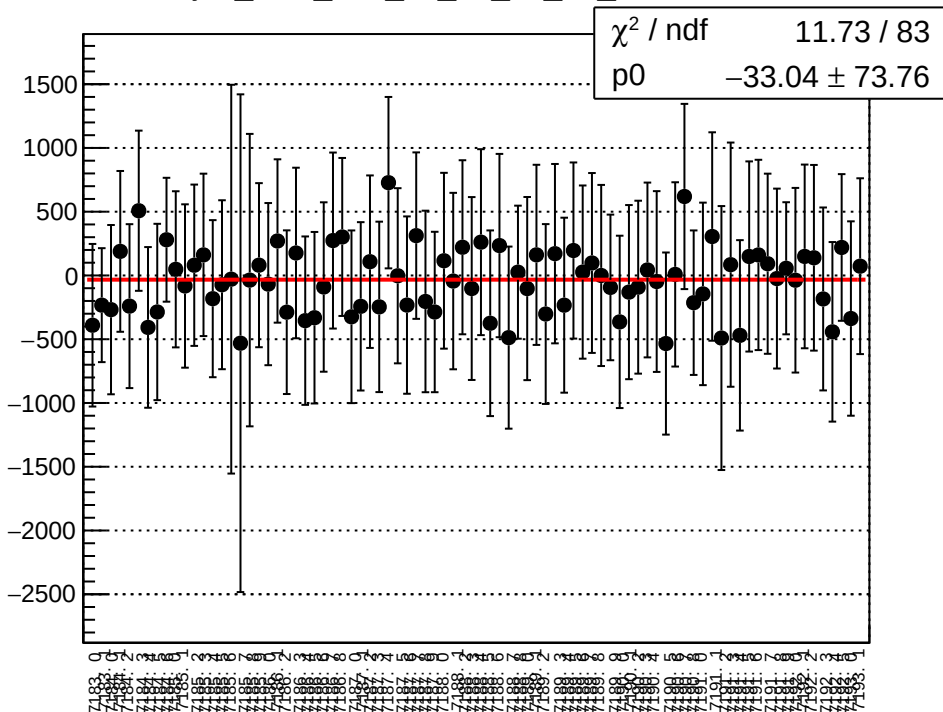
asym_bcm_2an_us_an_ds_avg_mean vs run



asym_bcm_2an_us_an_ds_avg_rms vs run

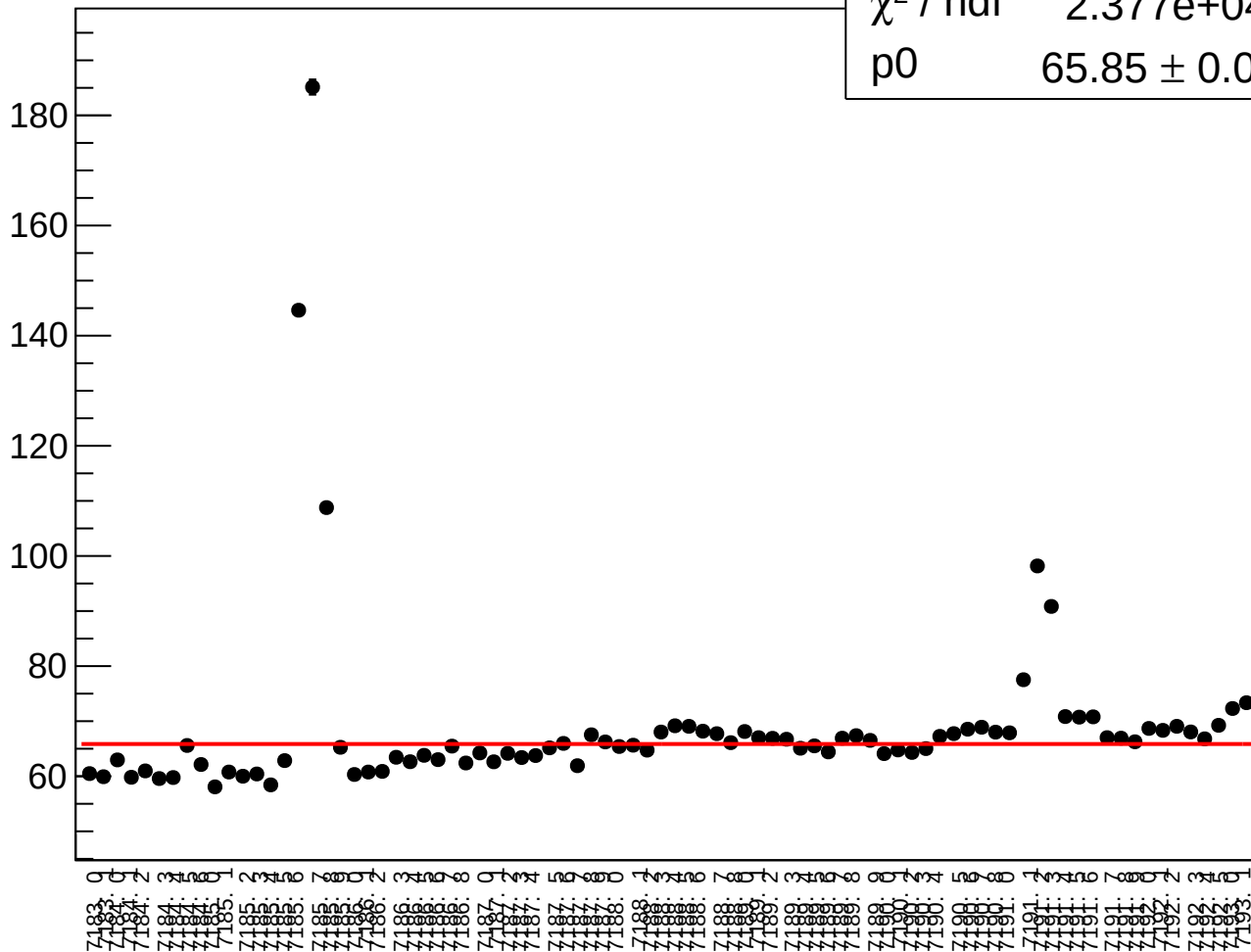


asym_bcm_2an_us_an_ds_dd_mean vs run

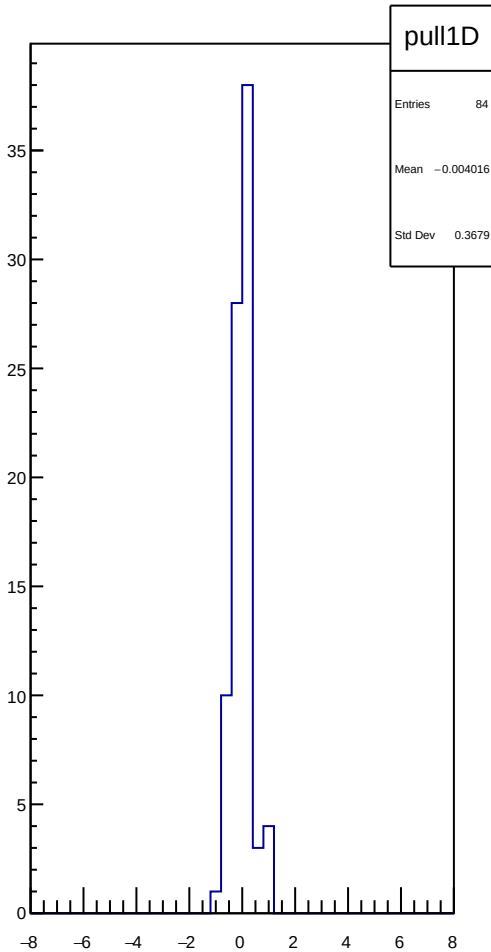
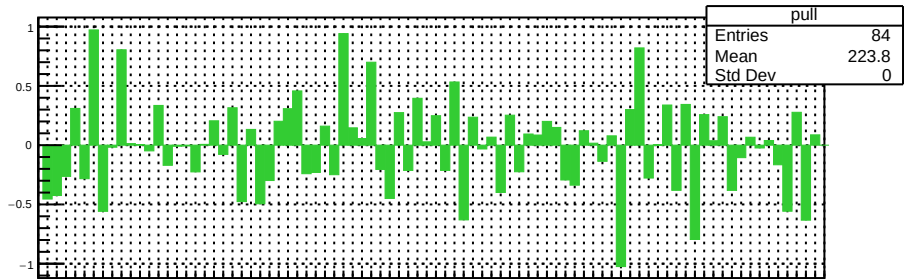
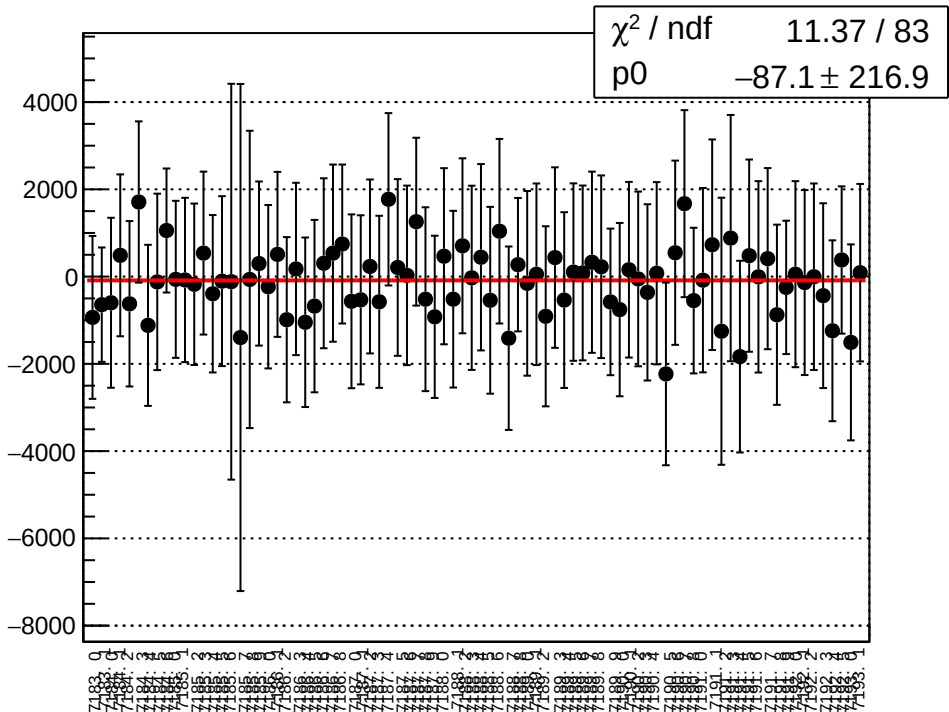


asym_bcm_2an_us_an_ds_dd_rms vs run

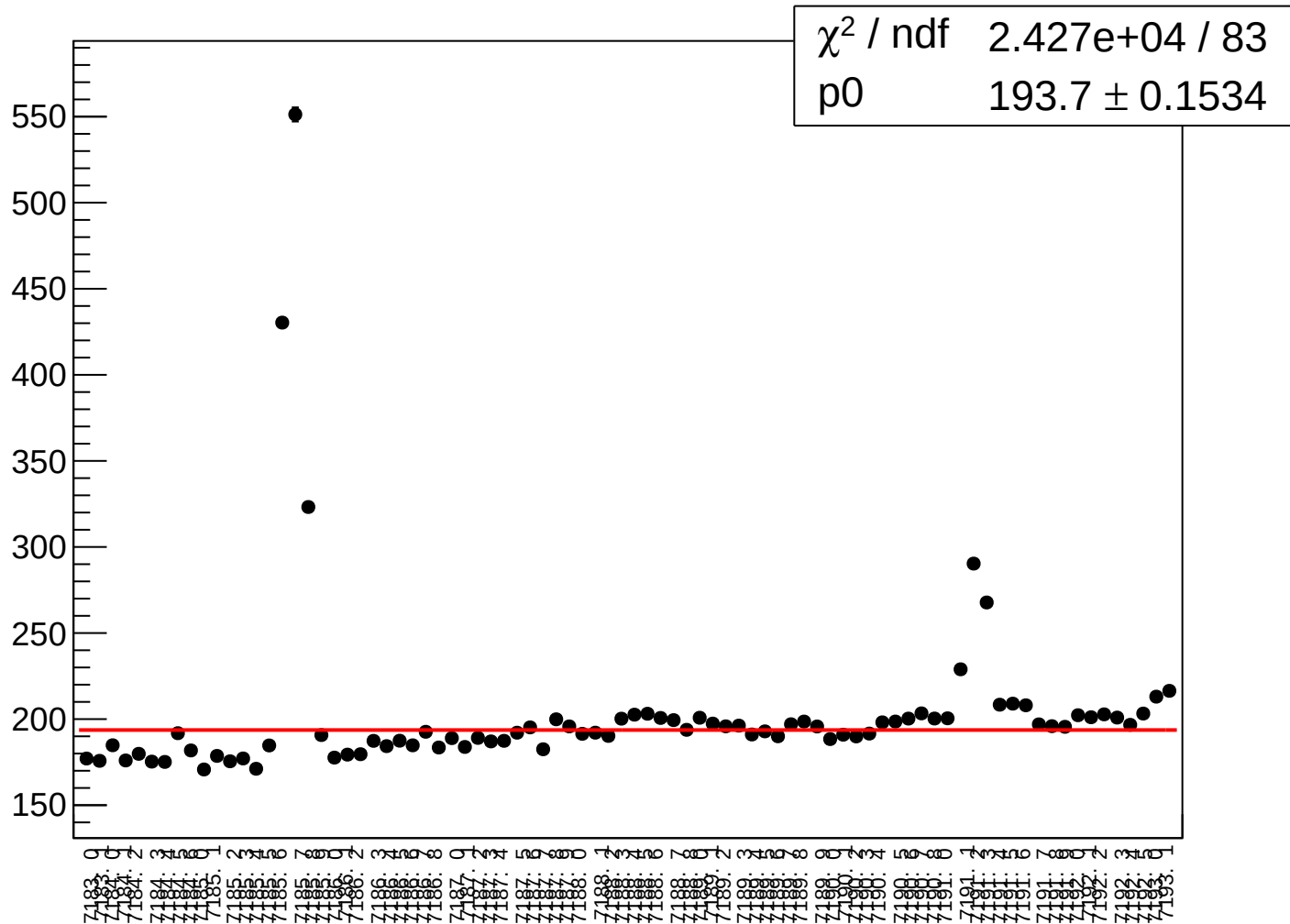
χ^2 / ndf 2.377e+04 / 83
 p0 65.85 $\pm$ 0.05215



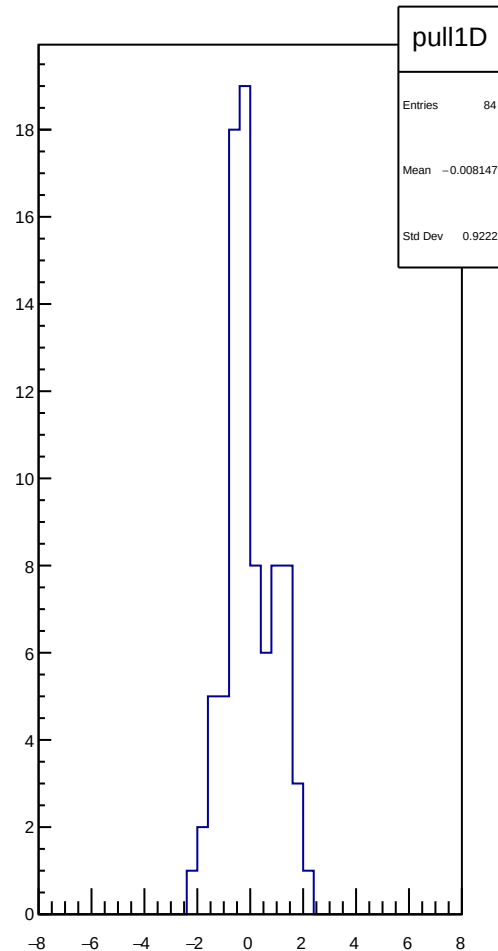
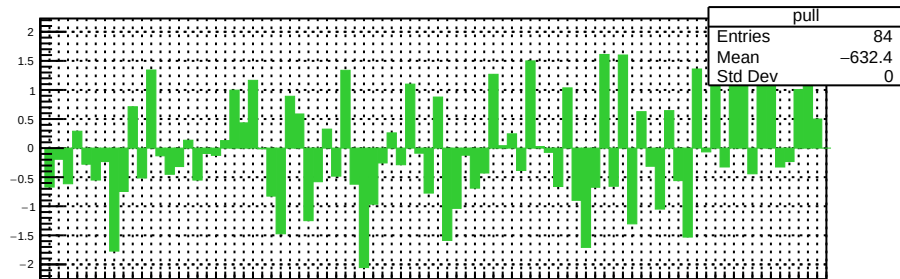
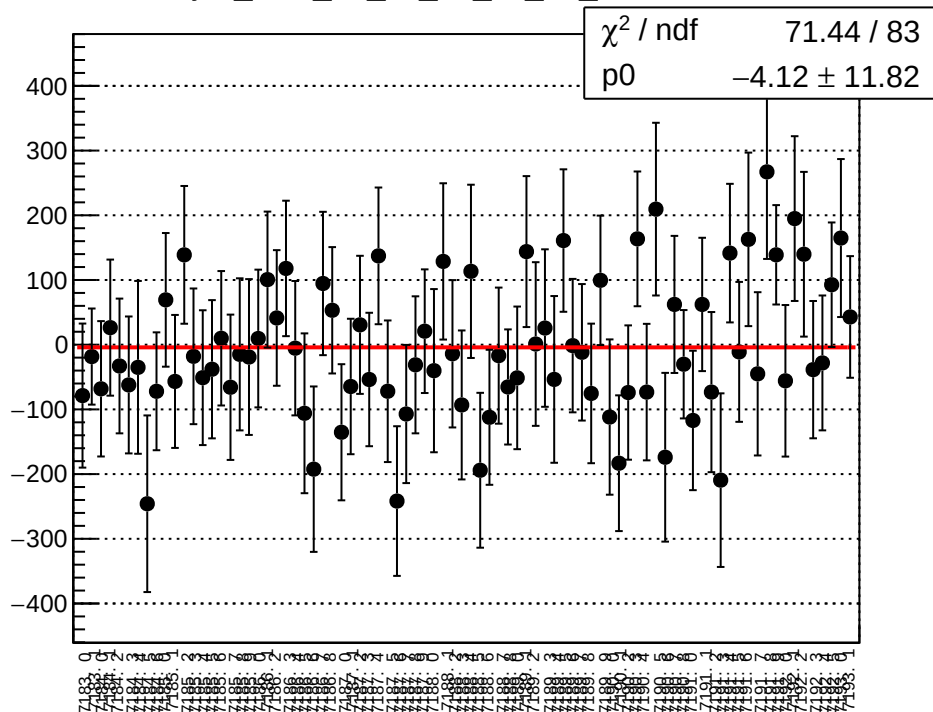
asym_bcm_an_us_an_ds_avg_mean vs run



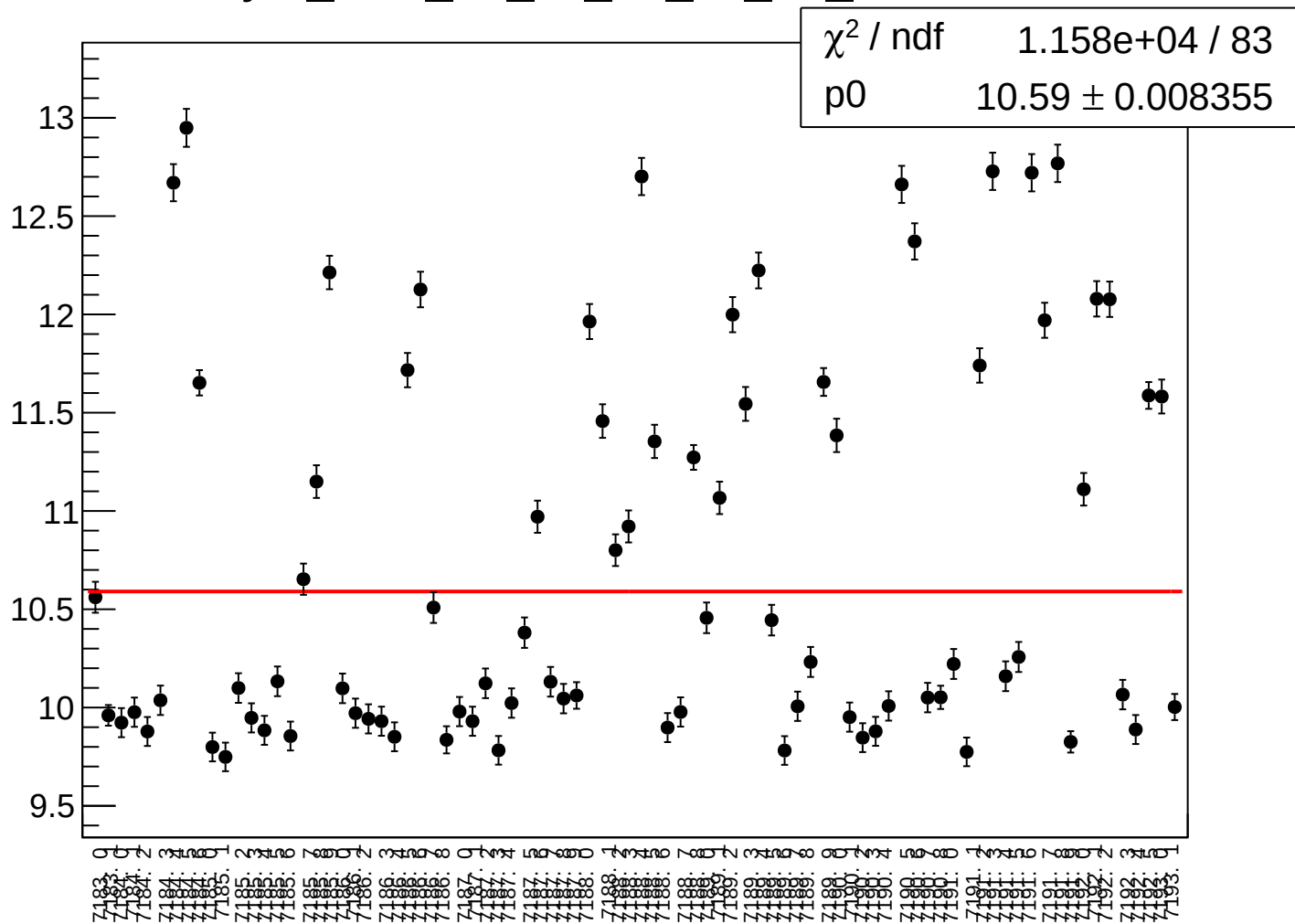
asym_bcm_an_us_an_ds_avg_rms vs run



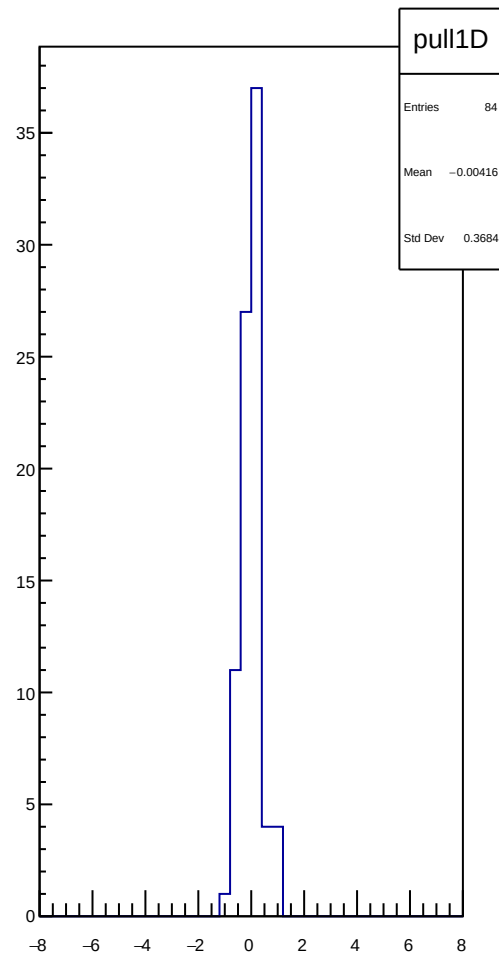
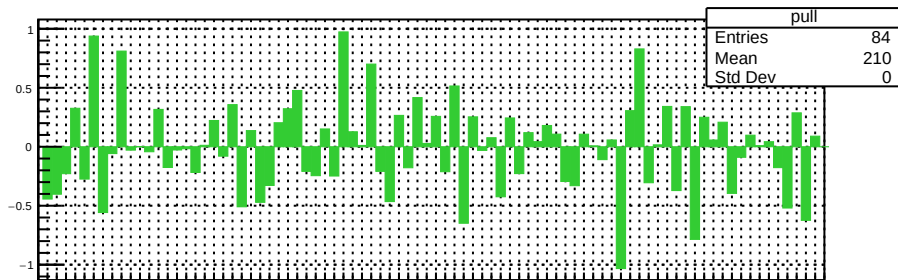
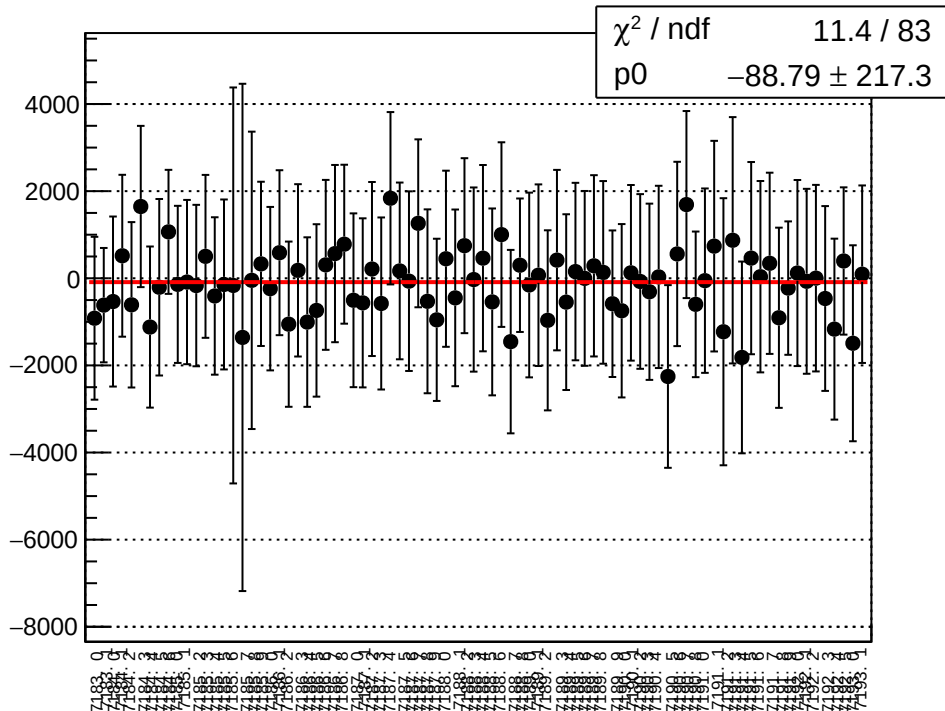
asym_bcm_an_us_an_ds_dd_mean vs run



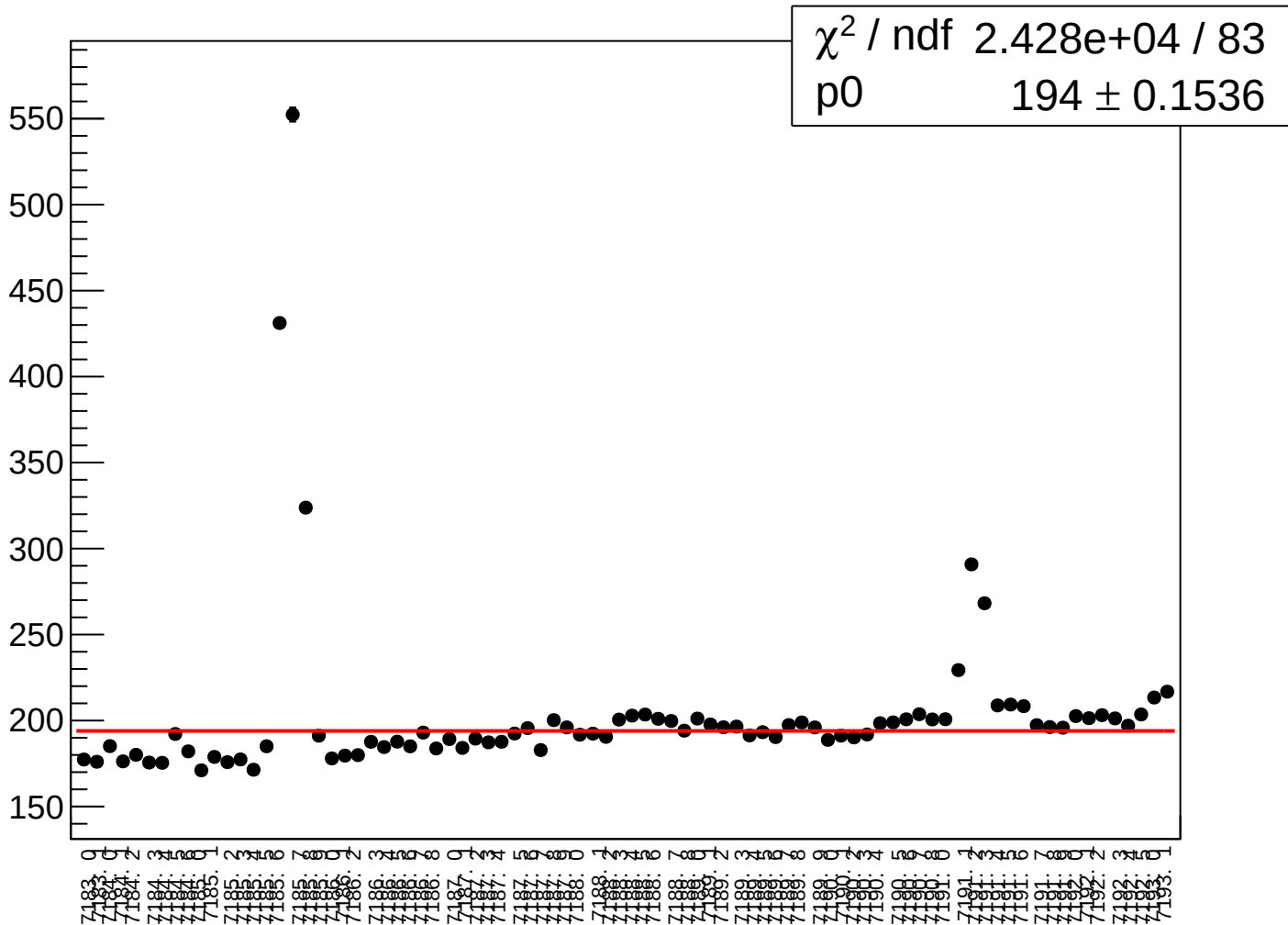
asym_bcm_an_us_an_ds_dd_rms vs run



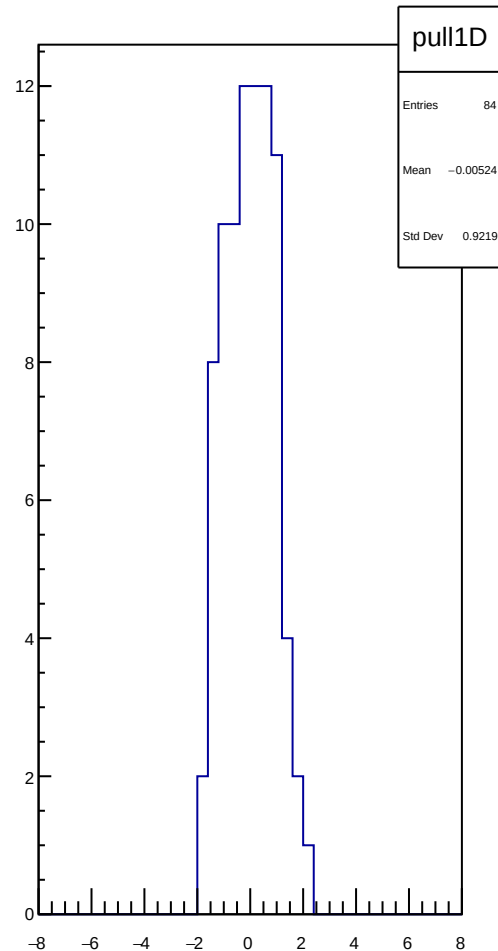
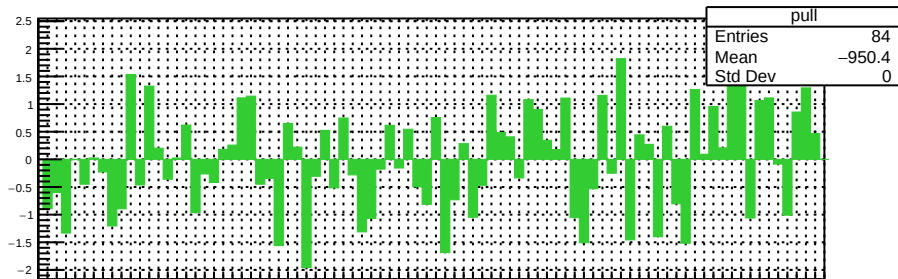
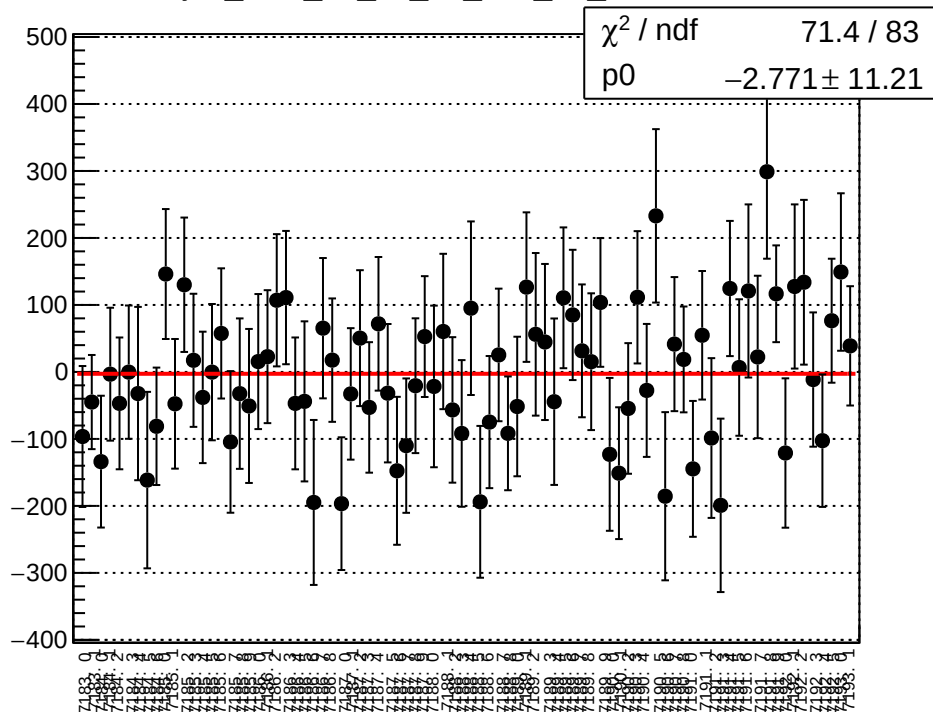
asym_bcm_an_us_an_ds3_avg_mean vs run



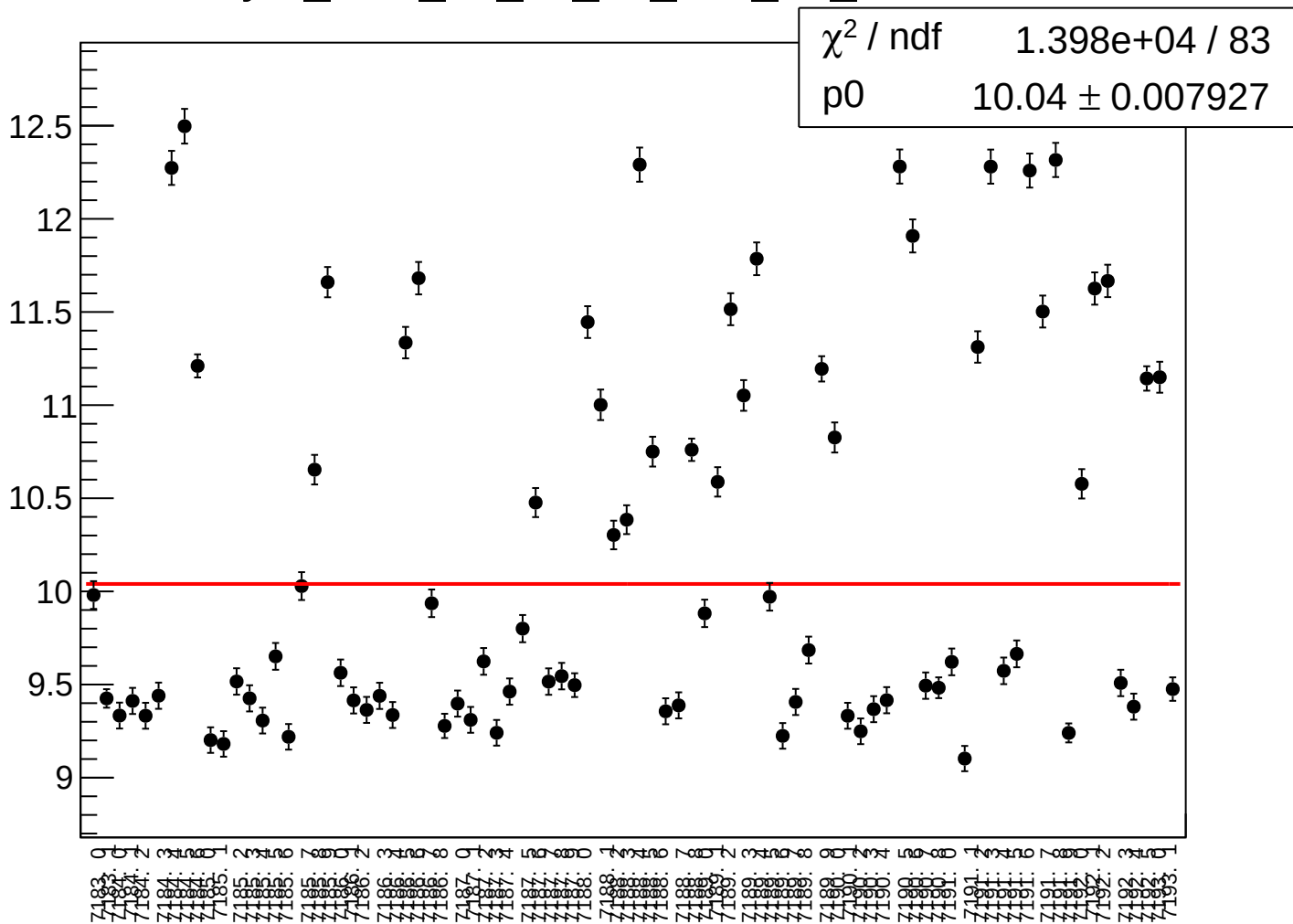
asym_bcm_an_us_an_ds3_avg_rms vs run



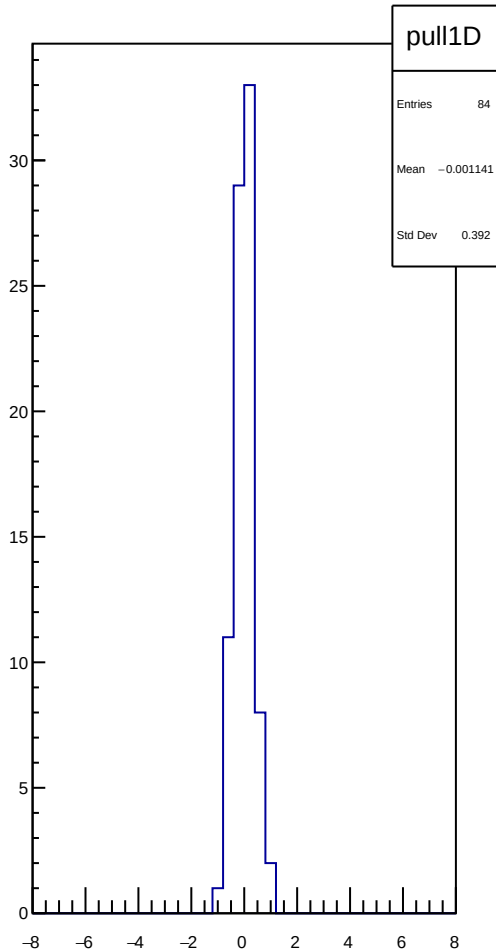
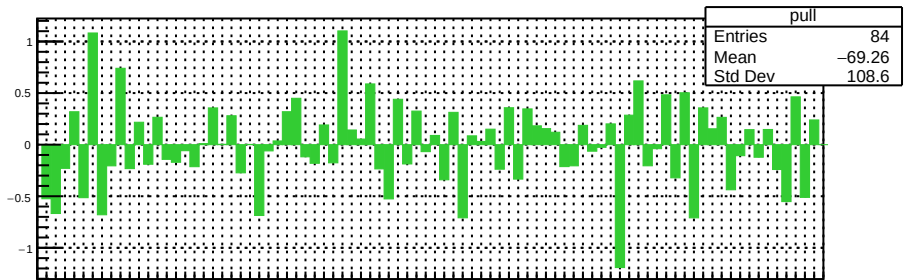
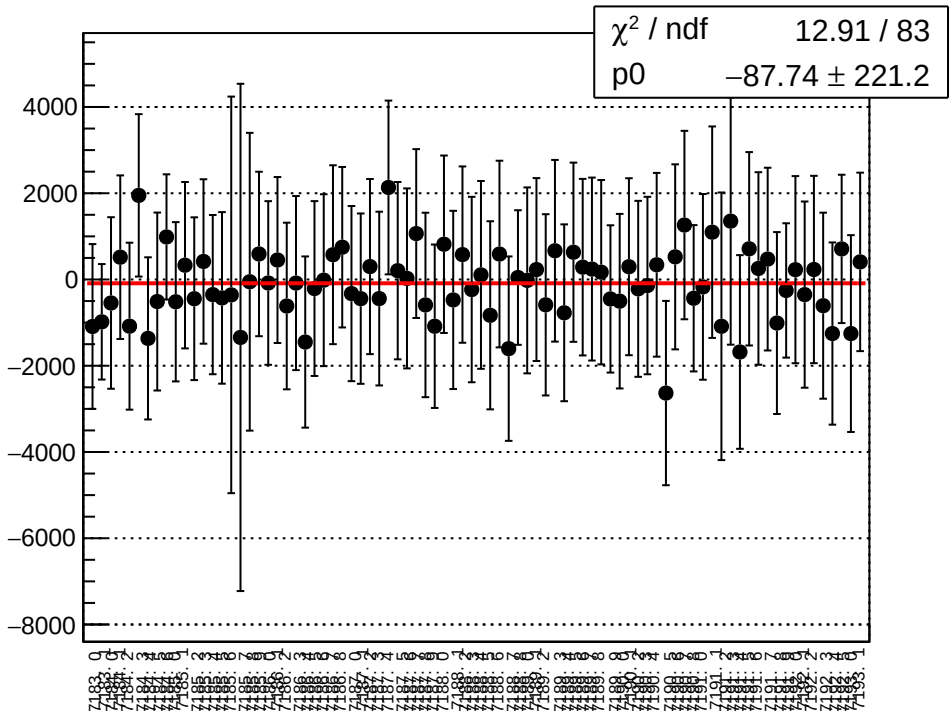
asym_bcm_an_us_an_ds3_dd_mean vs run



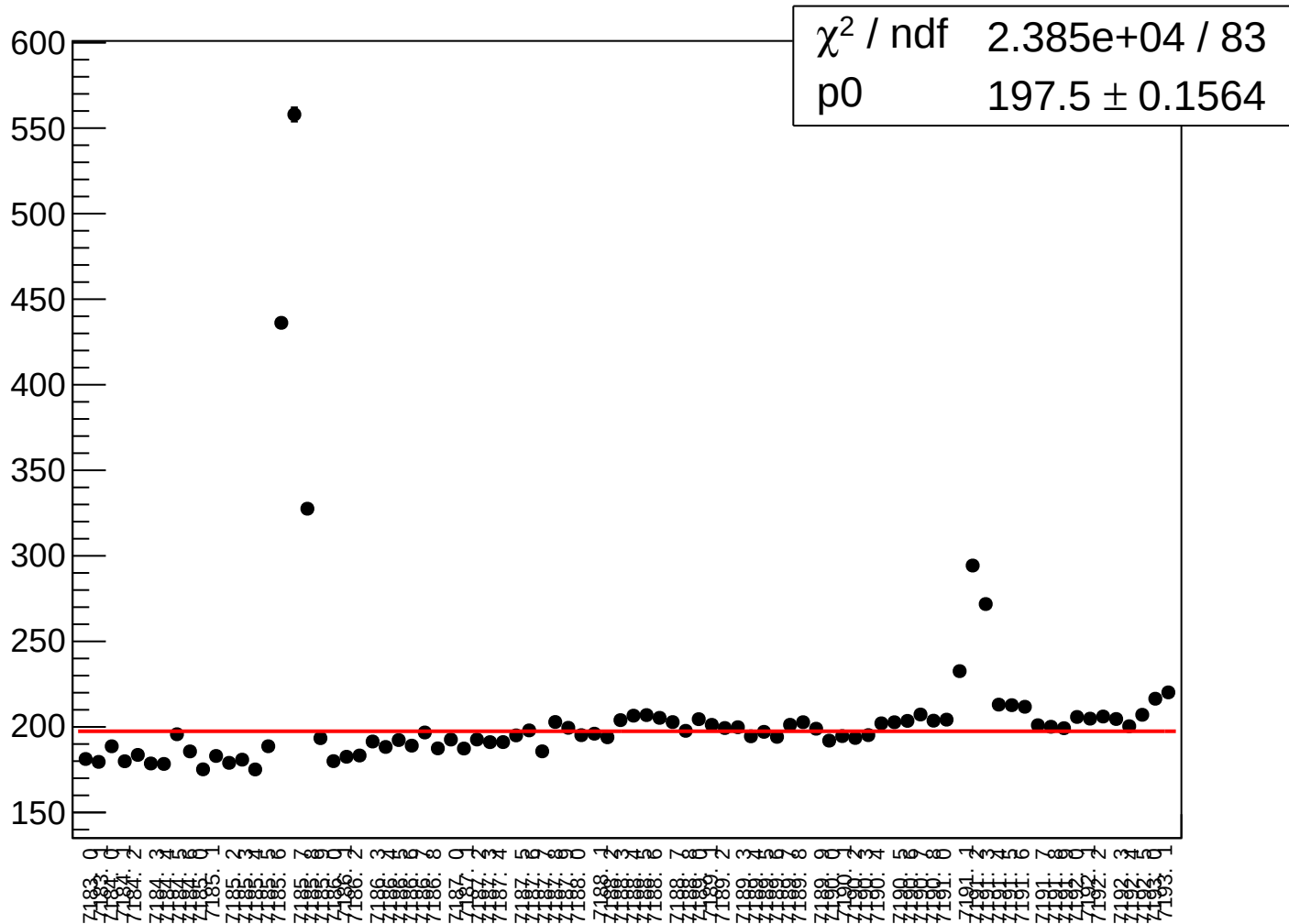
asym_bcm_an_us_an_ds3_dd_rms vs run



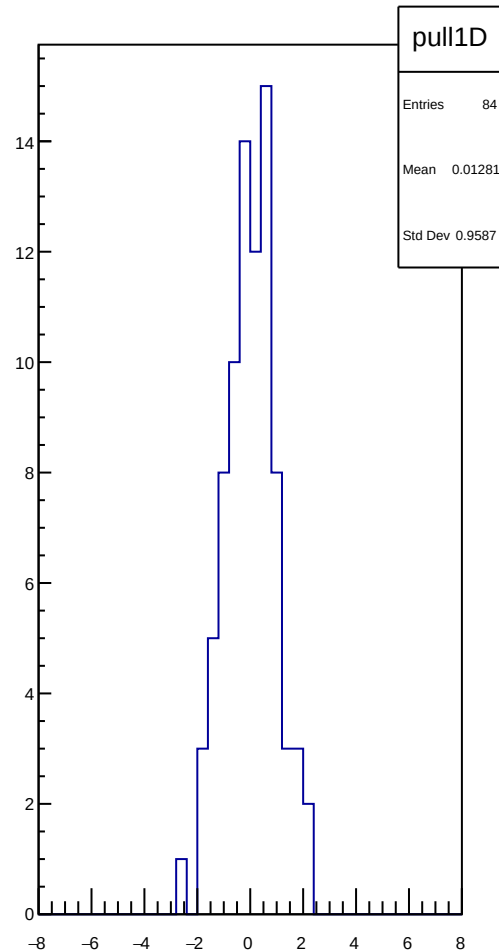
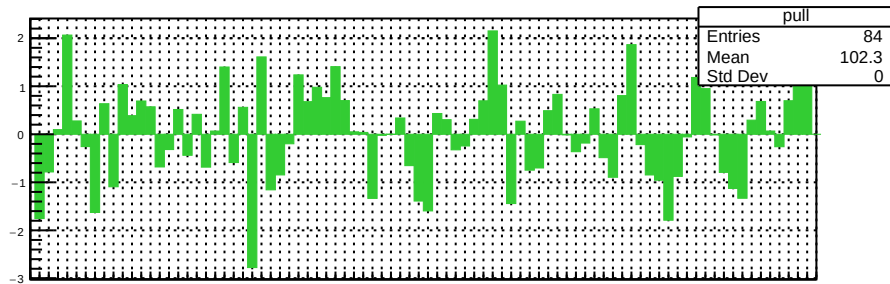
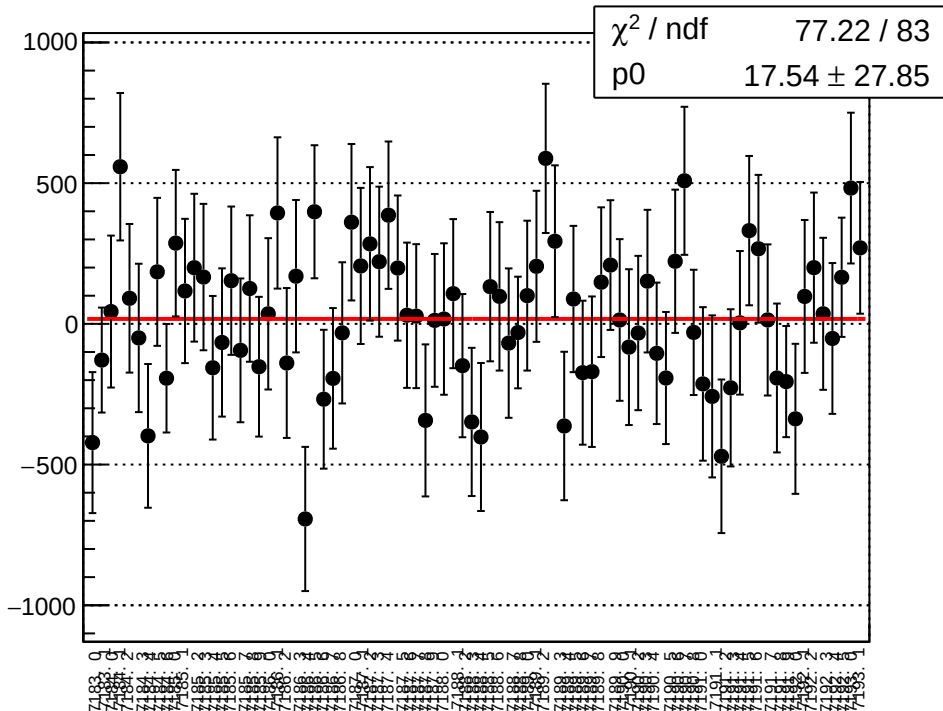
asym_bcm_dg_us_dg_ds_avg_mean vs run



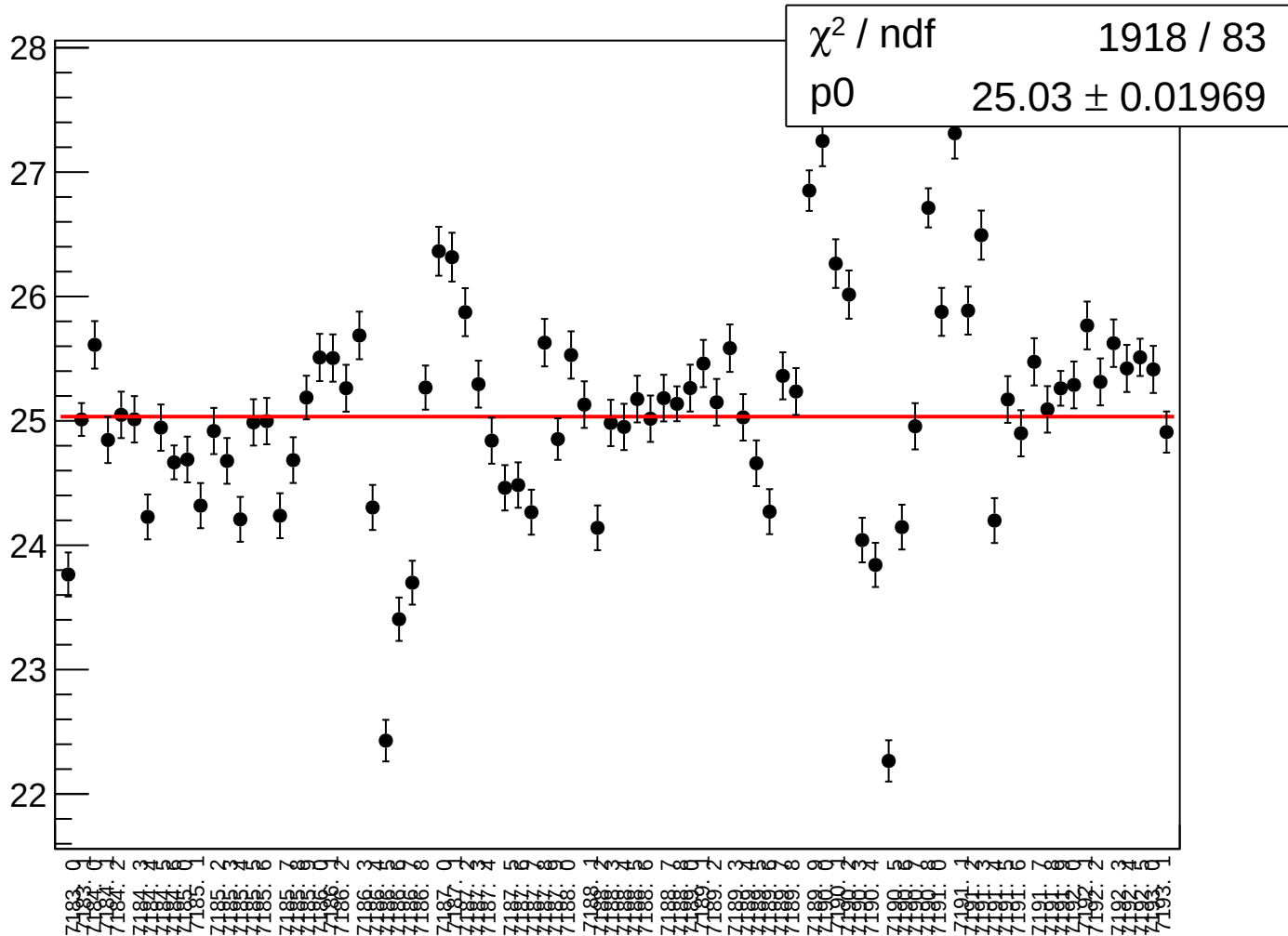
asym_bcm_dg_us_dg_ds_avg_rms vs run



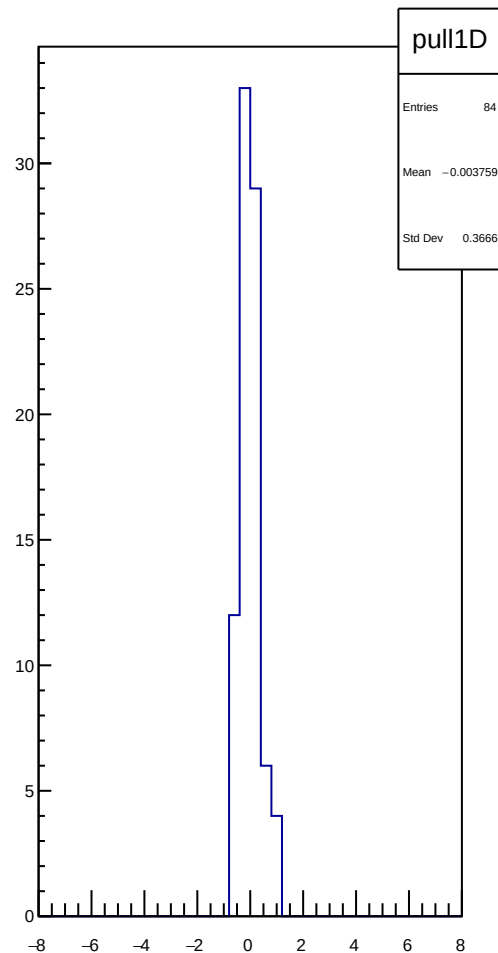
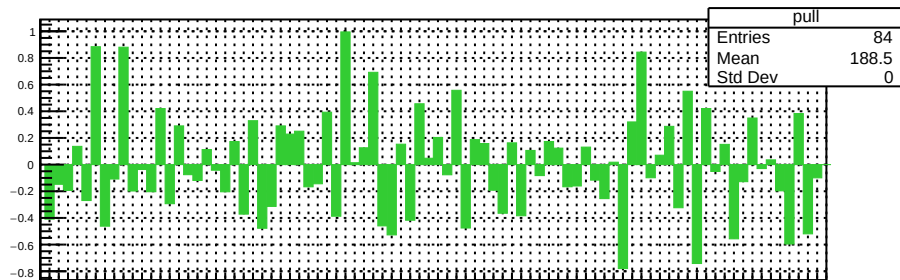
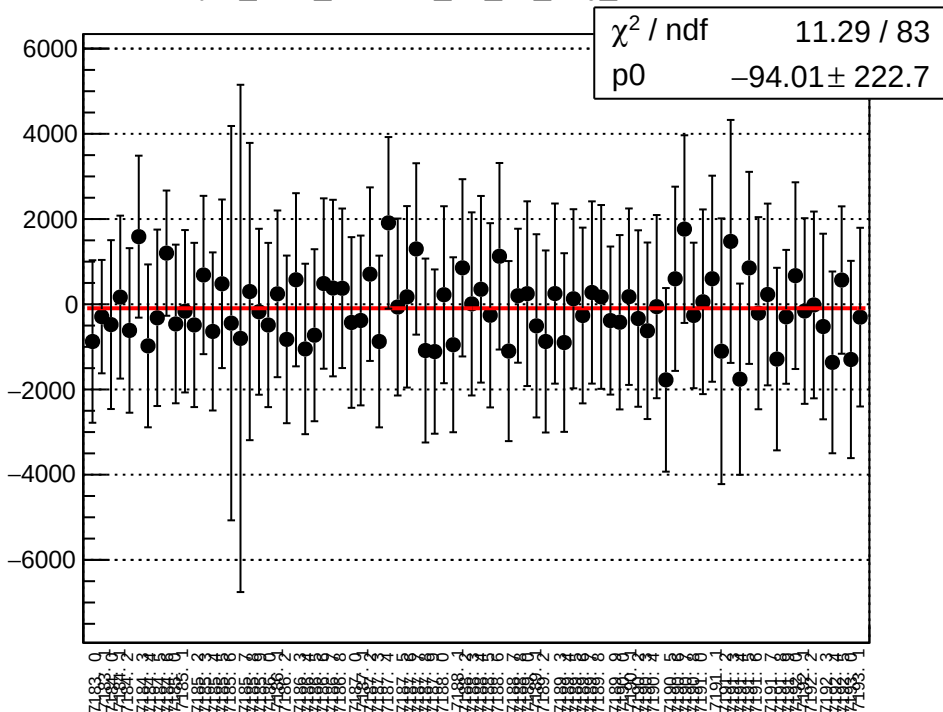
asym_bcm_dg_us_dg_ds_dd_mean vs run



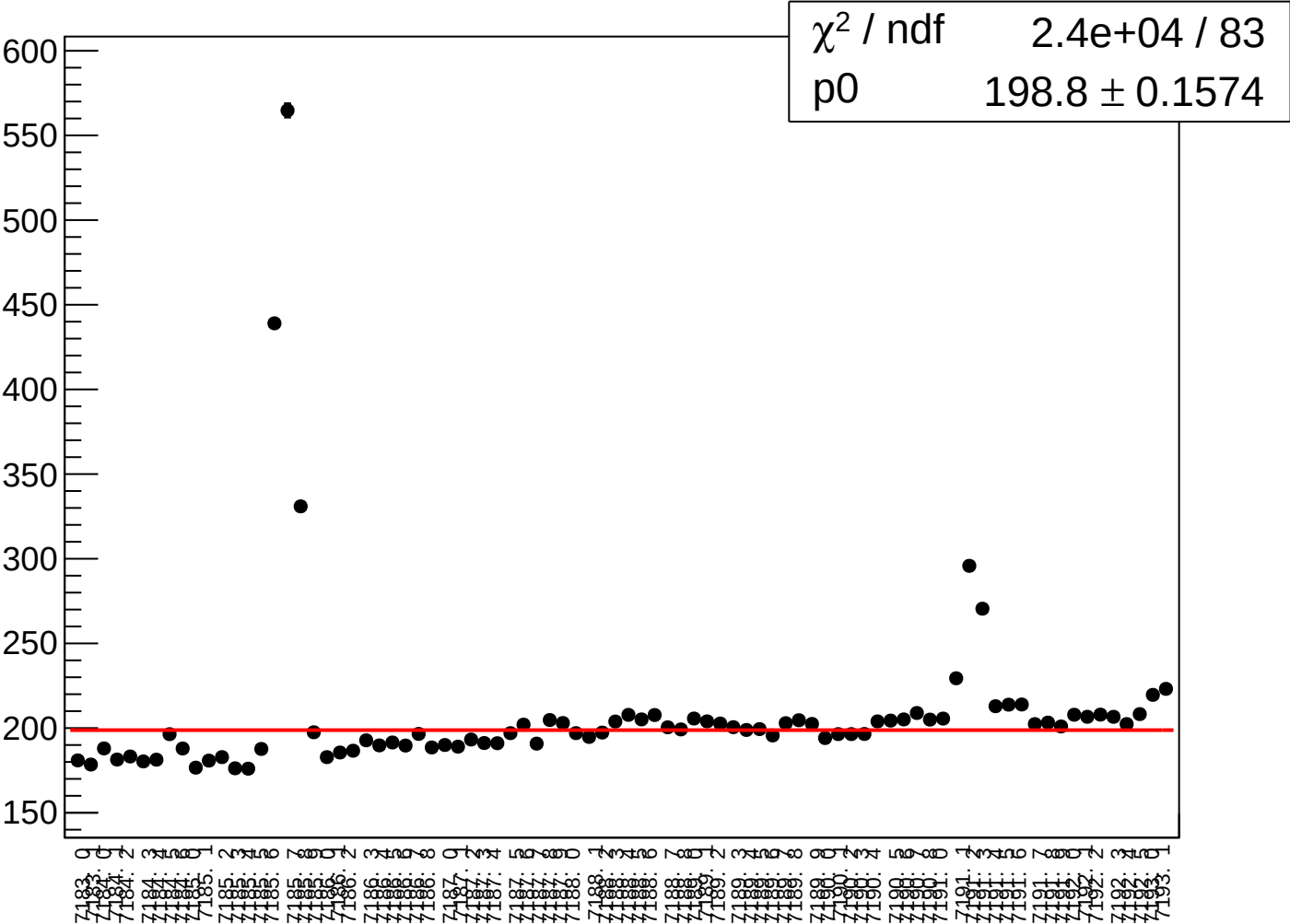
asym_bcm_dg_us_dg_ds_dd_rms vs run



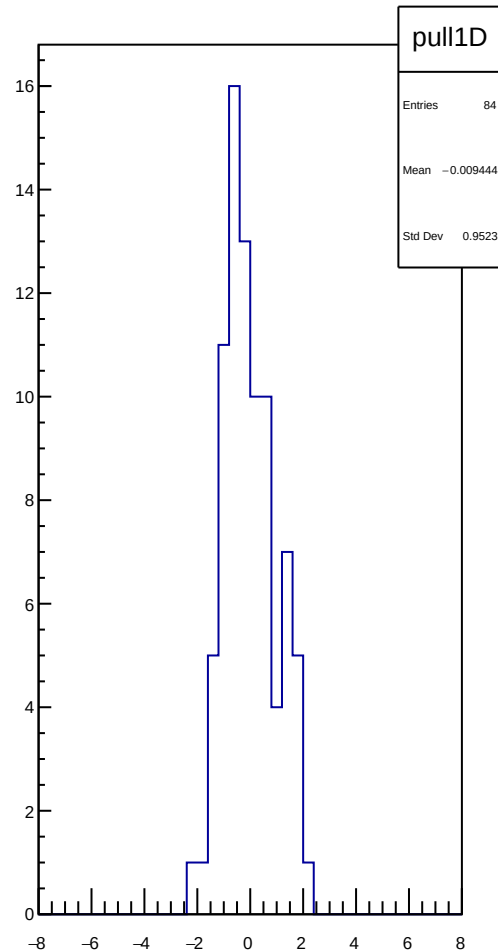
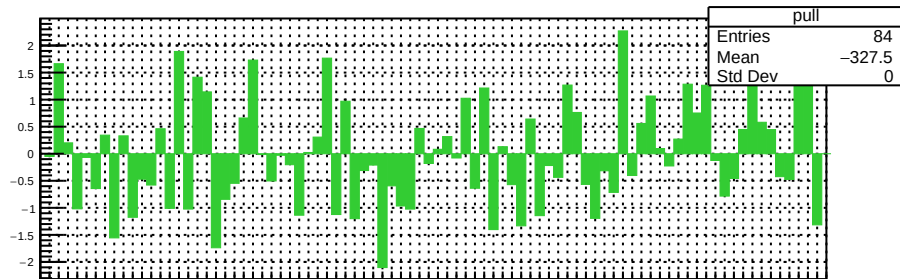
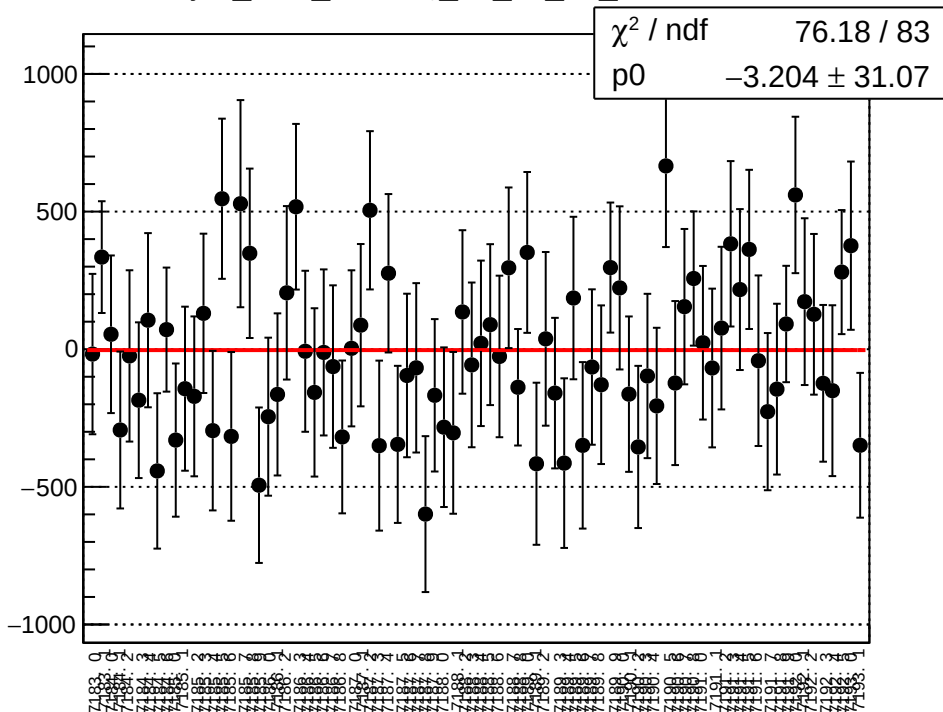
asym_bcm_cav4cQ_an_ds_avg_mean vs run



asym_bcm_cav4cQ_an_ds_avg_rms vs run



asym_bcm_cav4cQ_an_ds_dd_mean vs run



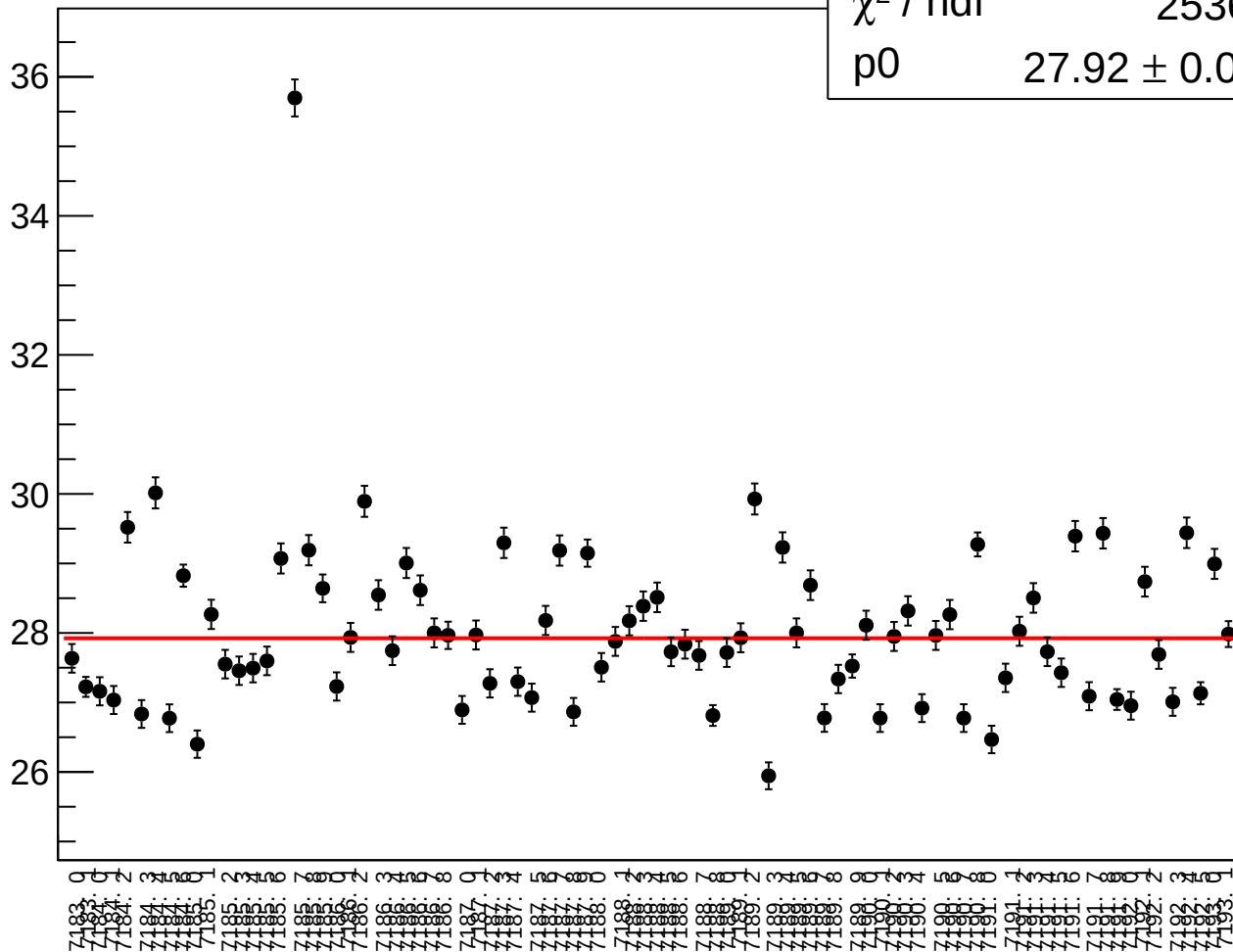
asym_bcm_cav4cQ_an_ds_dd_rms vs run

χ^2 / ndf

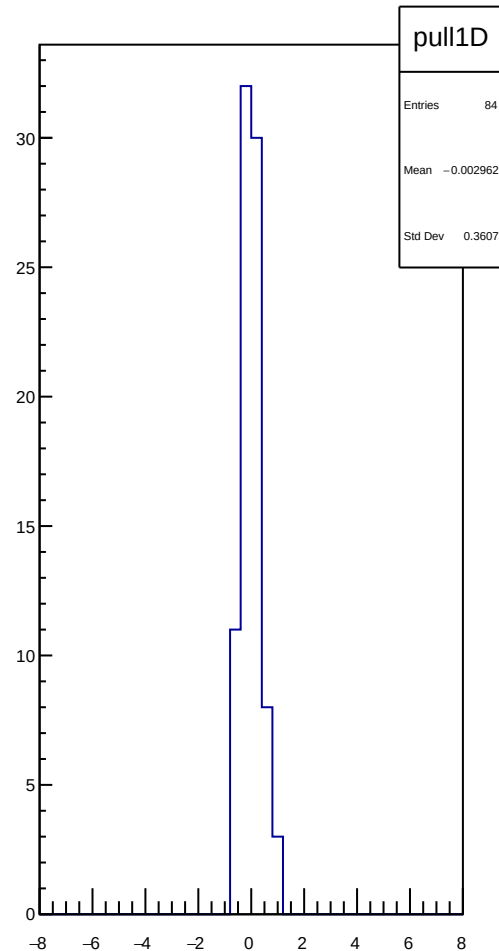
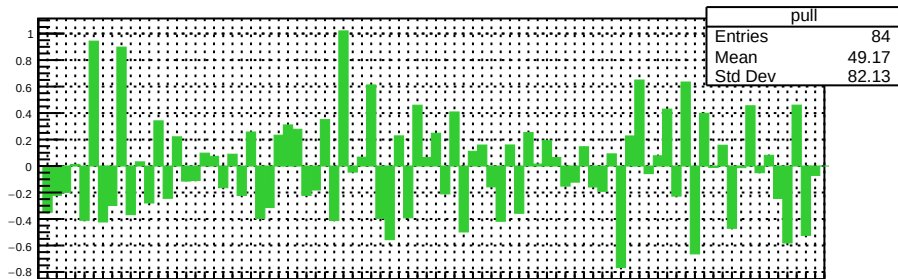
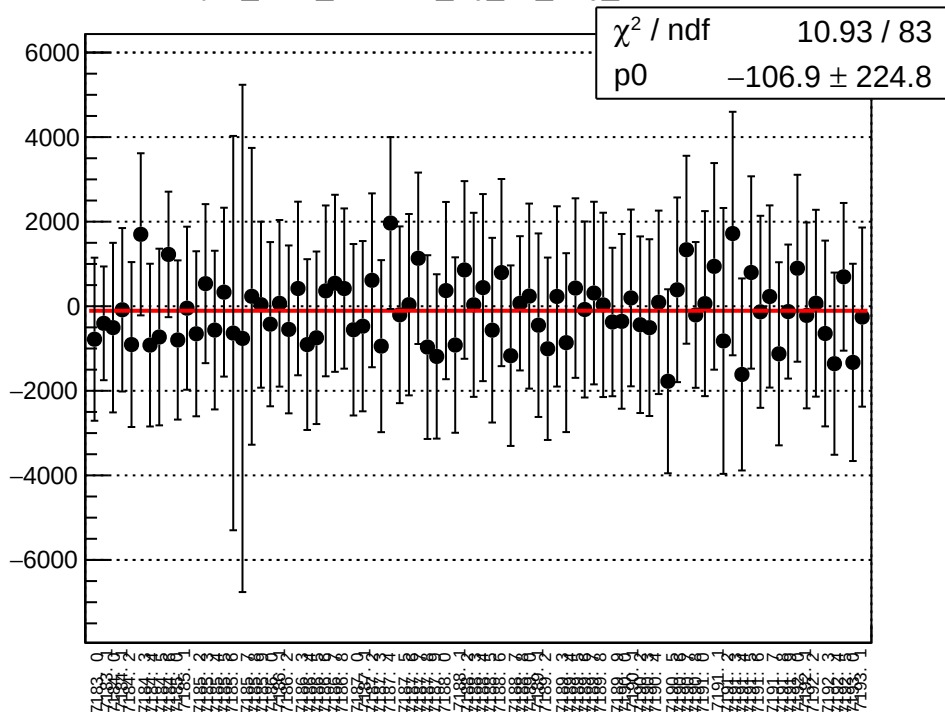
2536 / 83

p0

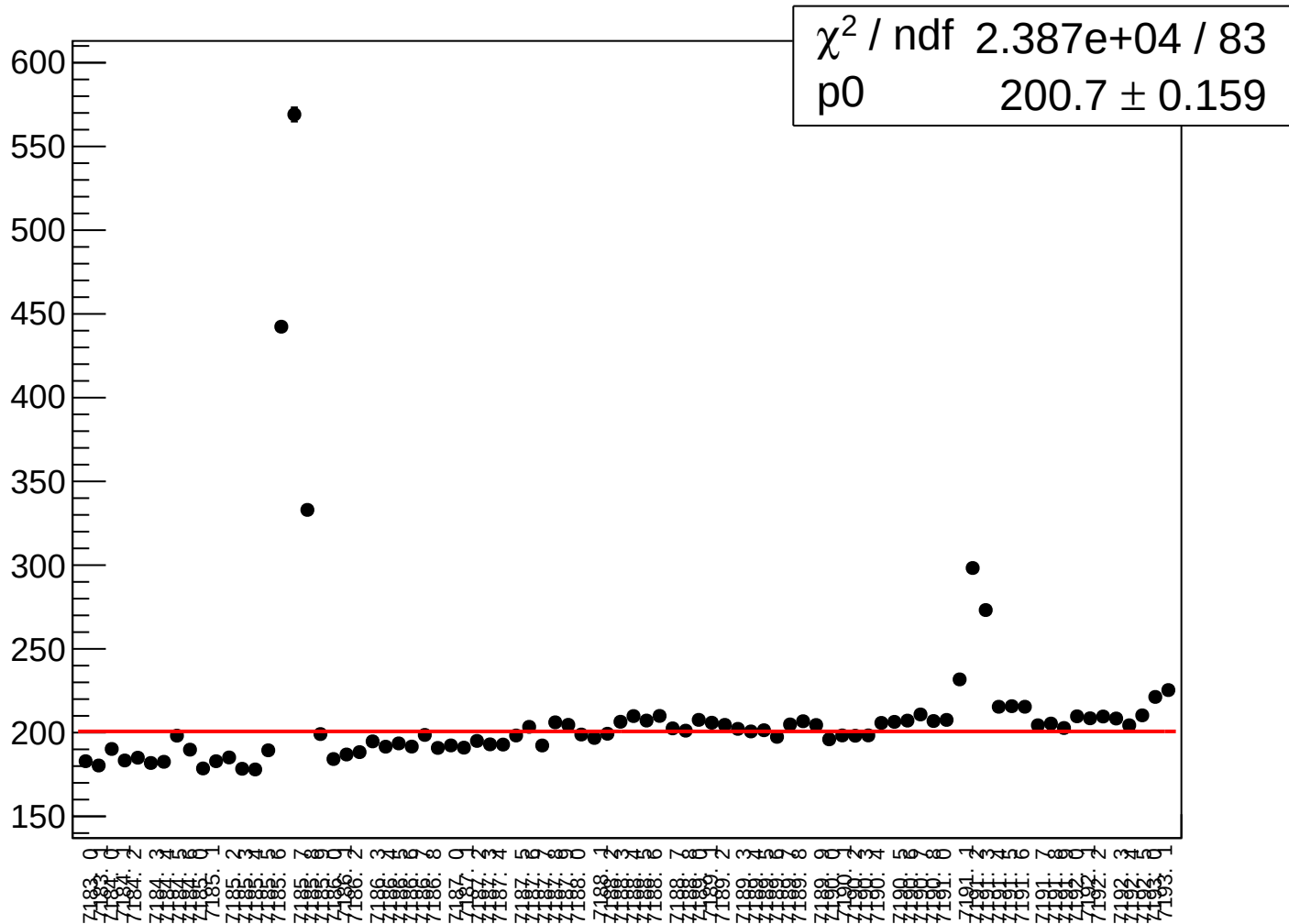
27.92 ± 0.02197



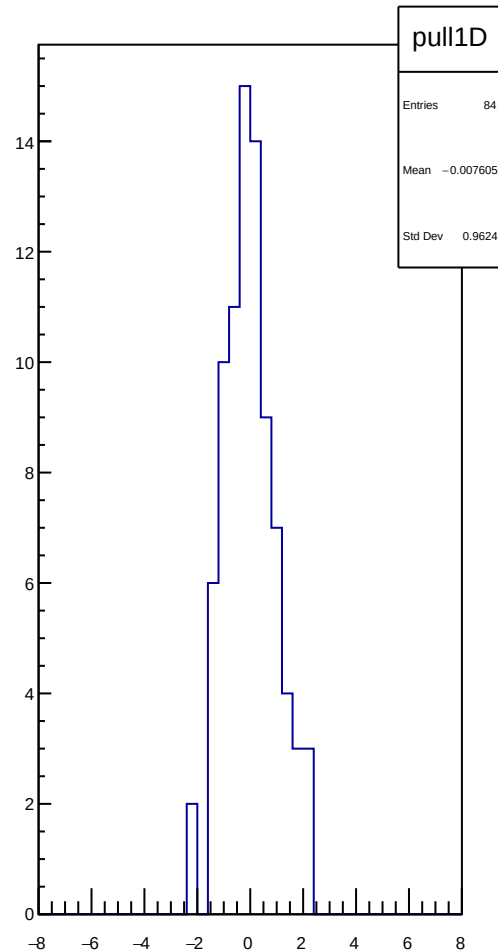
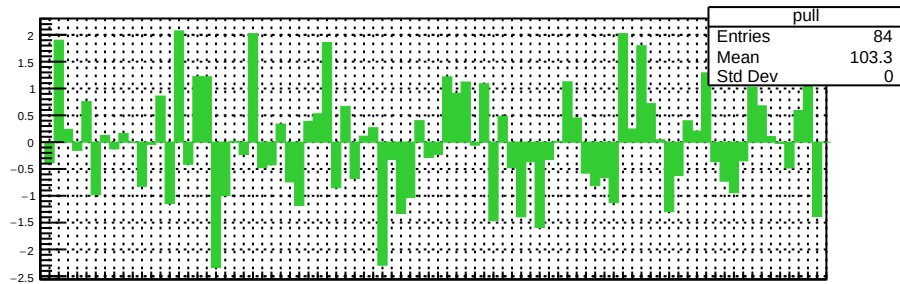
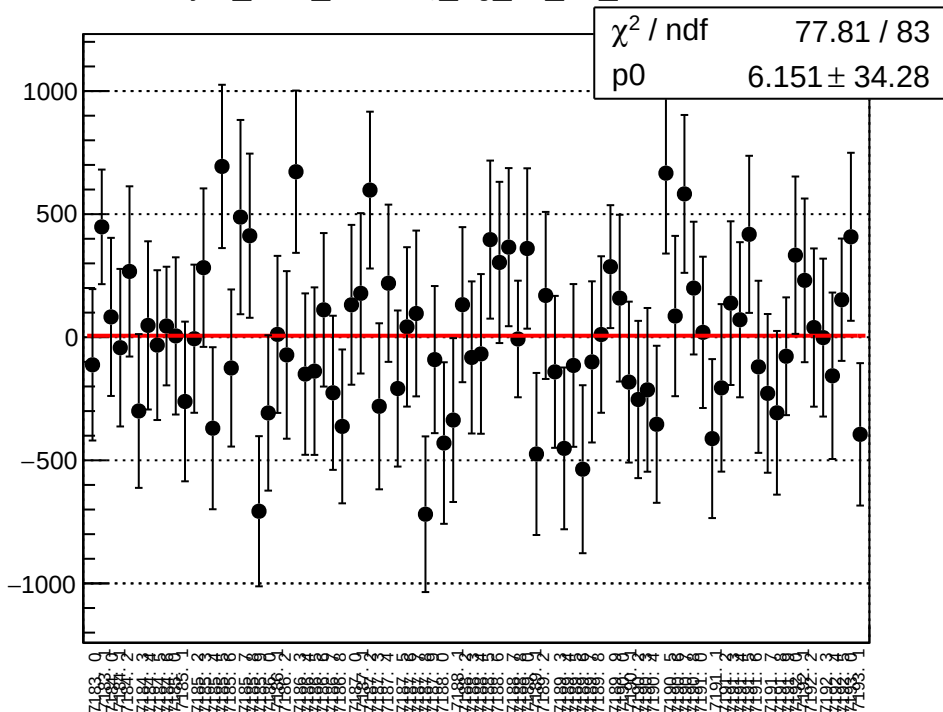
asym_bcm_cav4cQ_dg_ds_avg_mean vs run



asym_bcm_cav4cQ_dg_ds_avg_rms vs run



asym_bcm_cav4cQ_dg_ds_dd_mean vs run



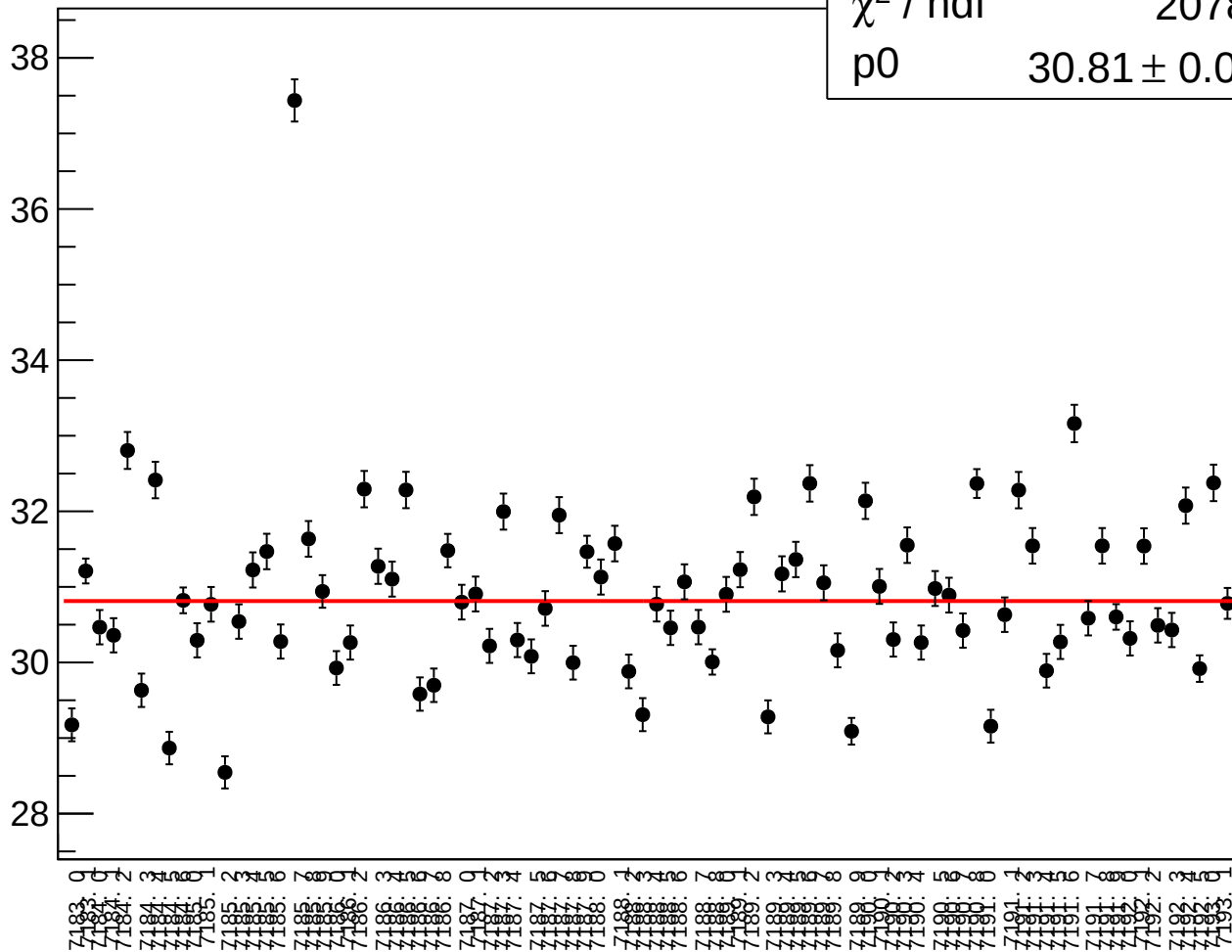
asym_bcm_cav4cQ_dg_ds_dd_rms vs run

χ^2 / ndf

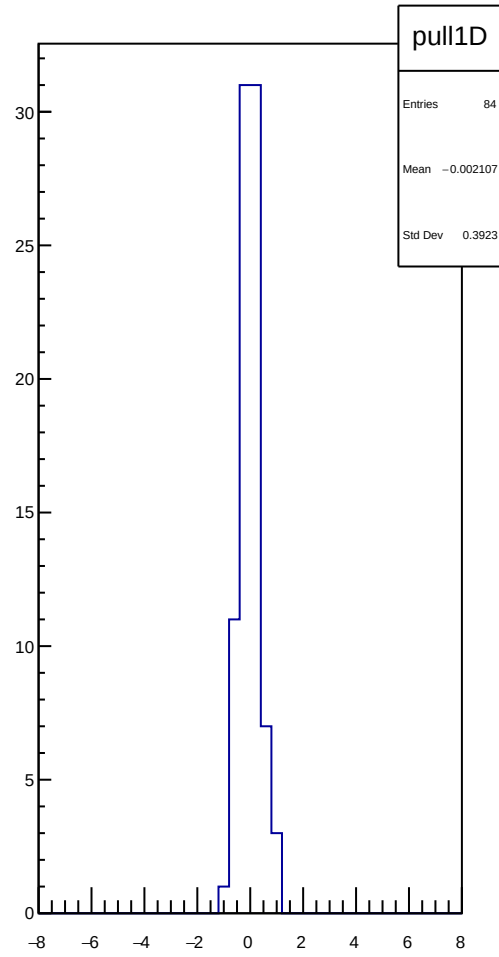
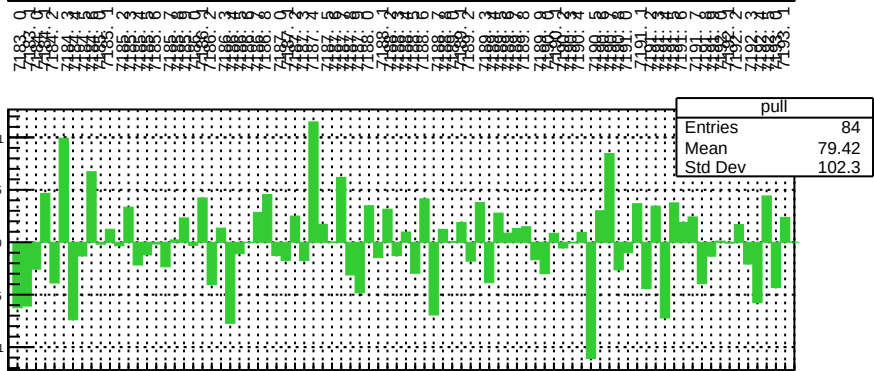
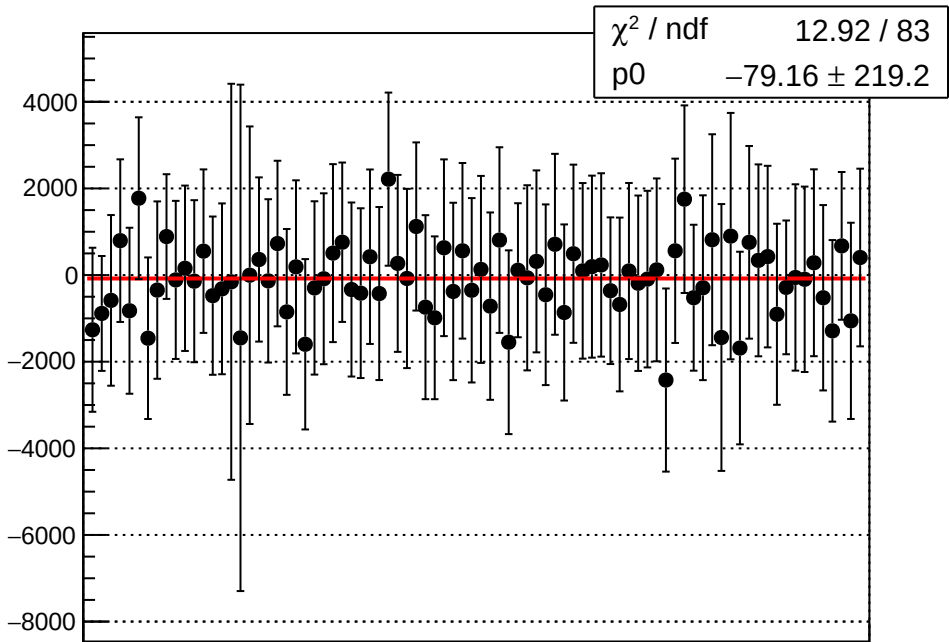
2078 / 83

p0

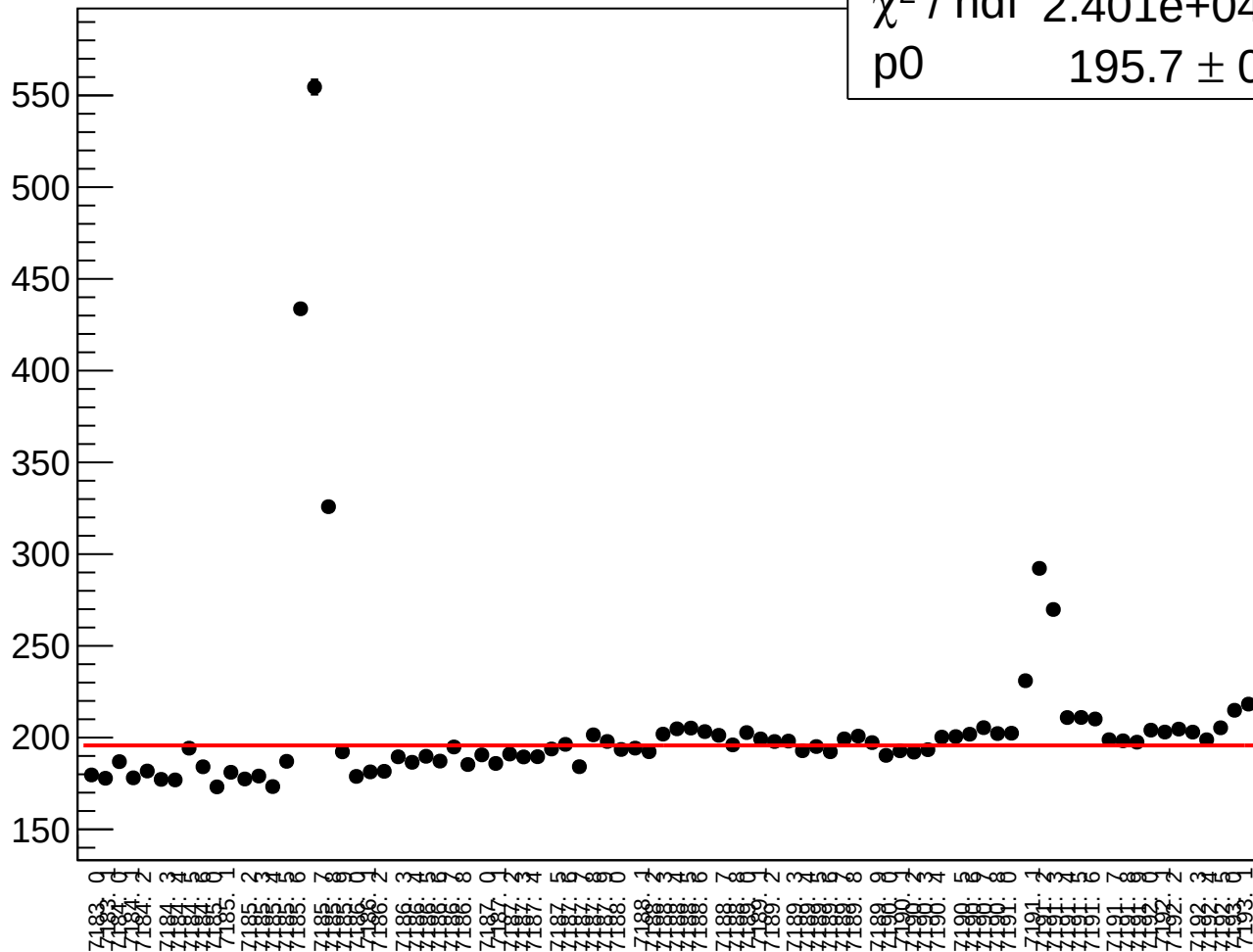
30.81 ± 0.02424



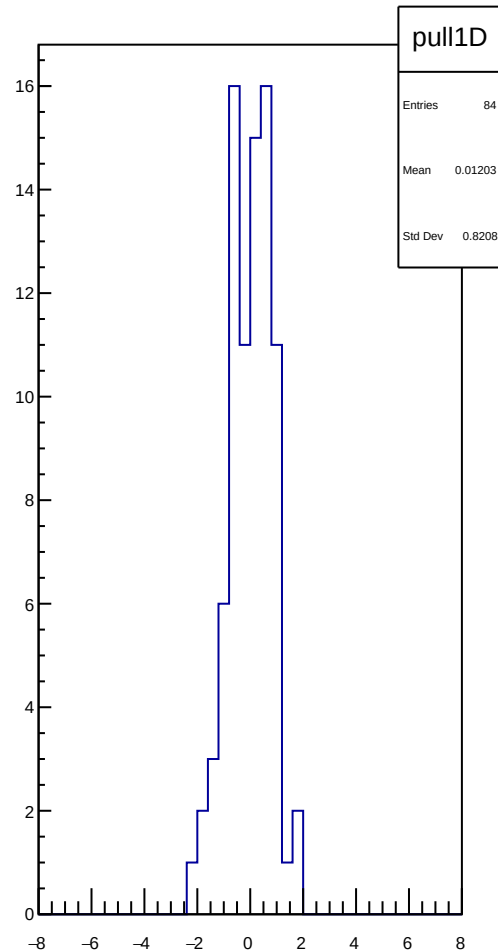
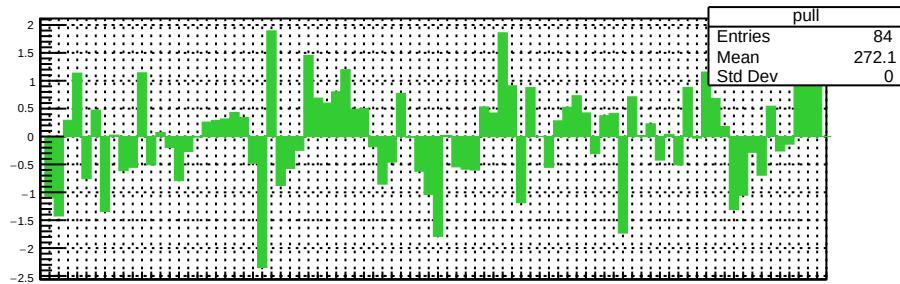
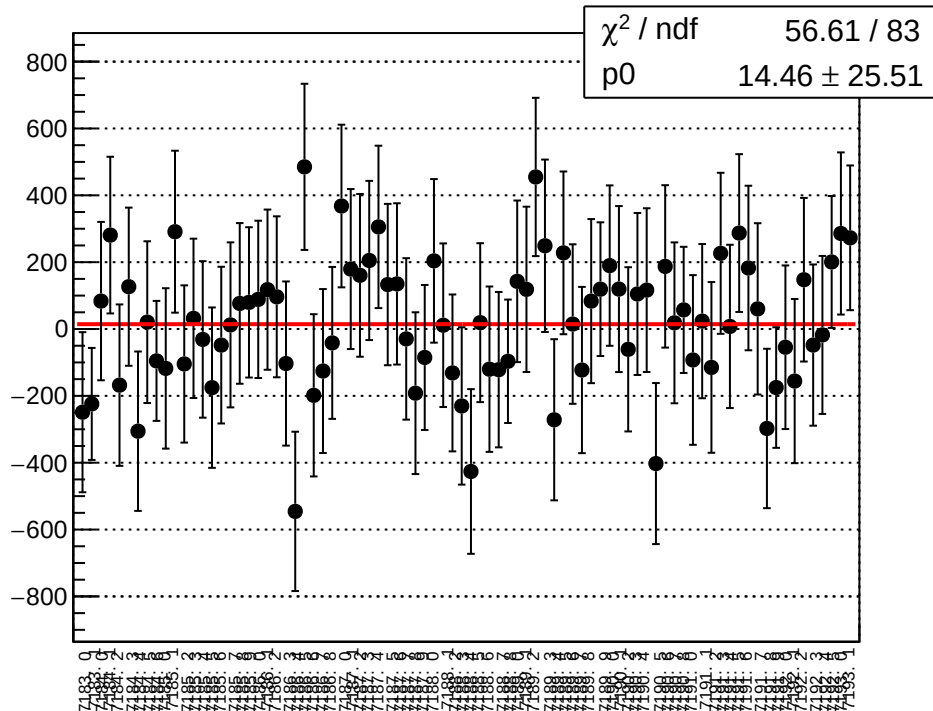
asym_bcm_dg_us_an_us_avg_mean vs run



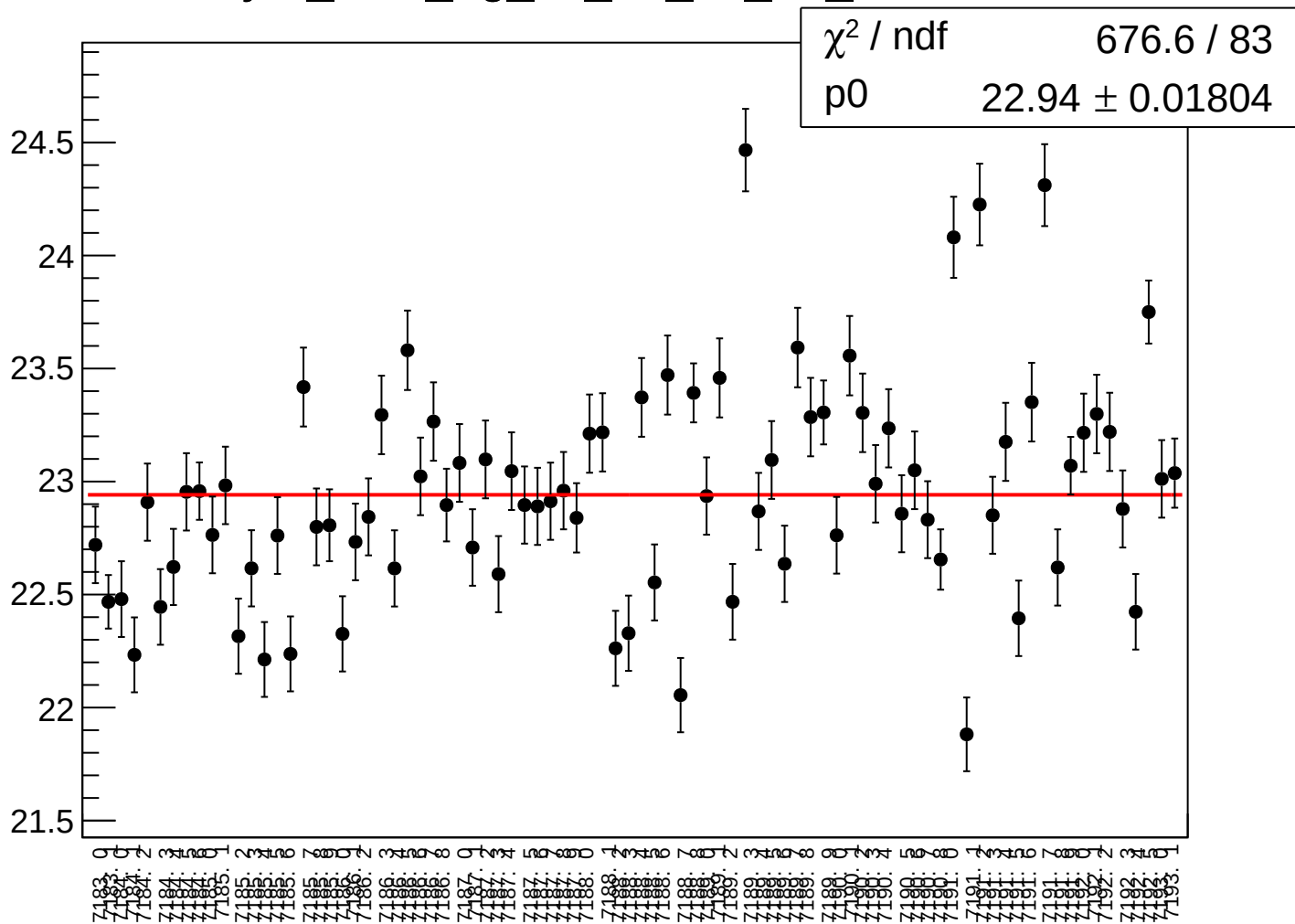
χ^2 / ndf 2.401e+04 / 83
p0 195.7 $\pm$ 0.155



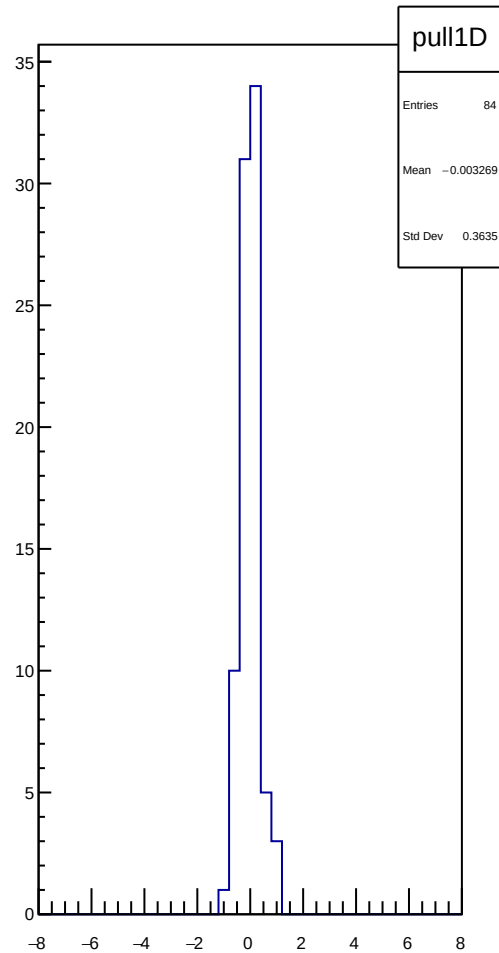
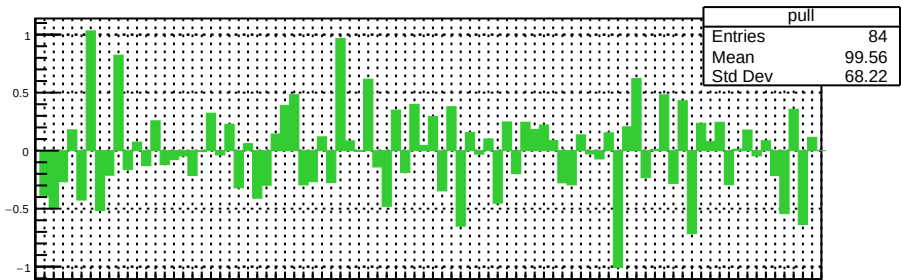
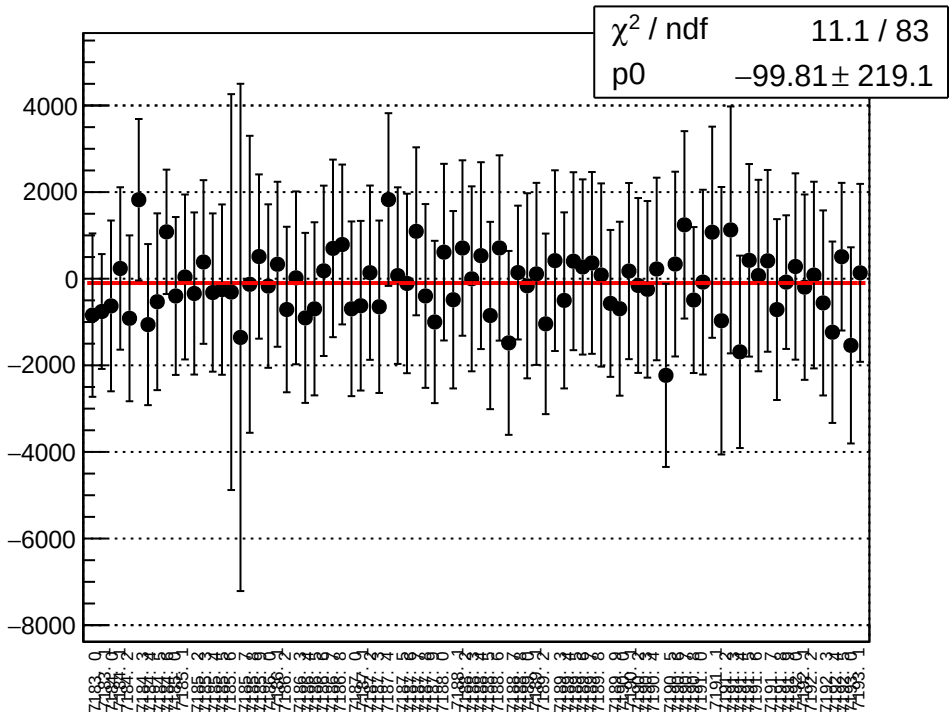
asym_bcm_dg_us_an_us_dd_mean vs run



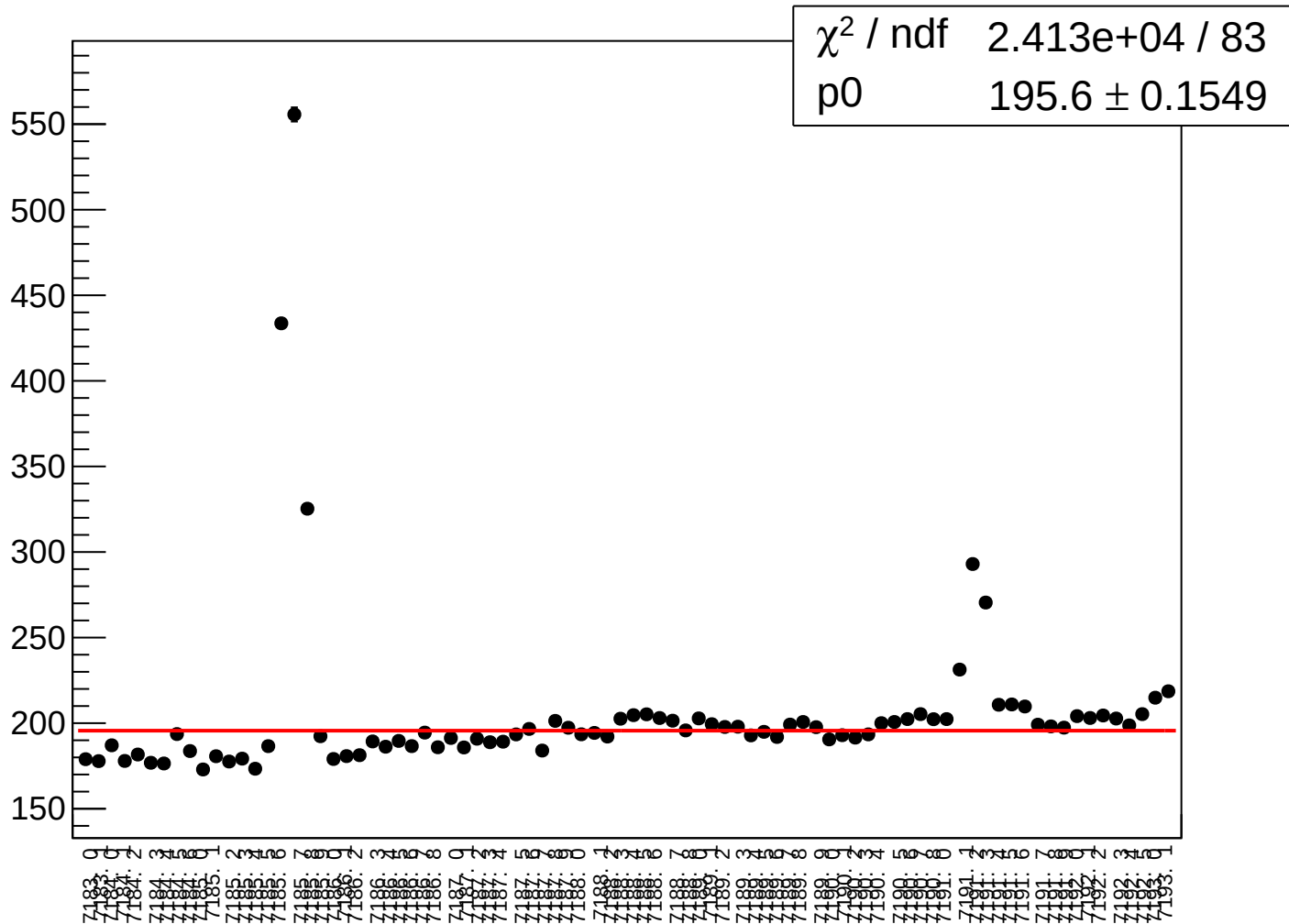
asym_bcm_dg_us_an_us_dd_rms vs run



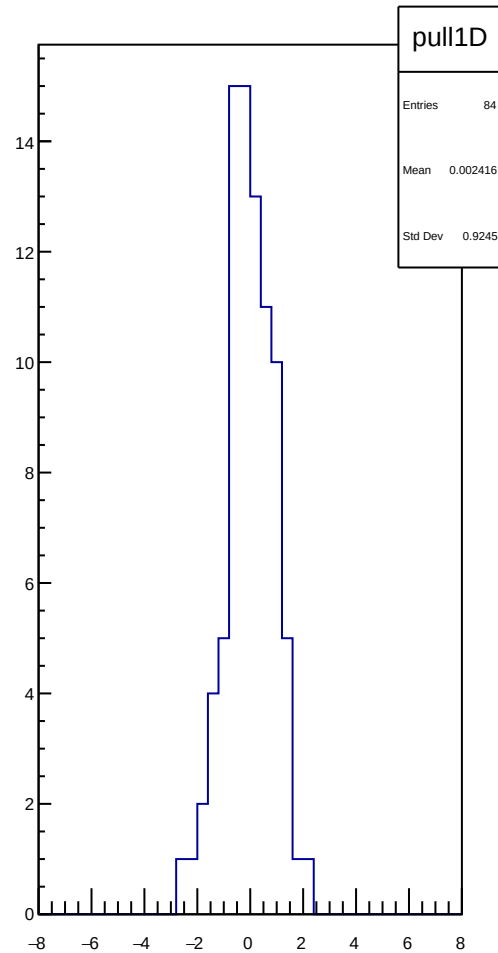
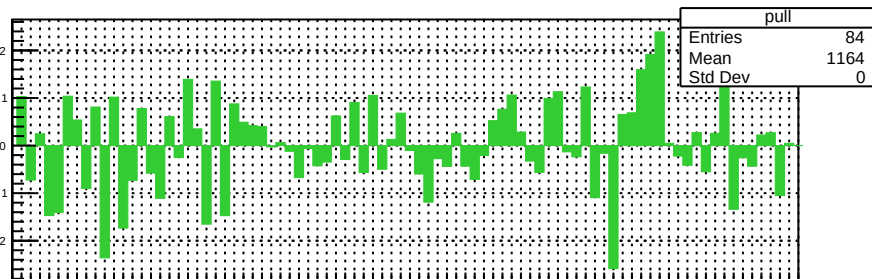
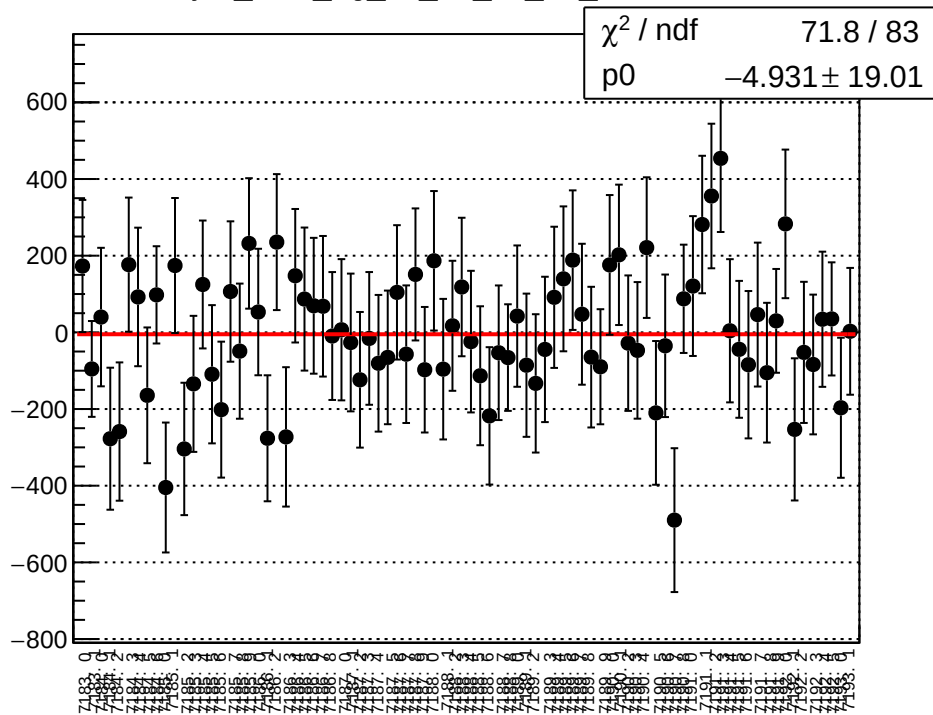
asym_bcm_dg_ds_an_us_avg_mean vs run



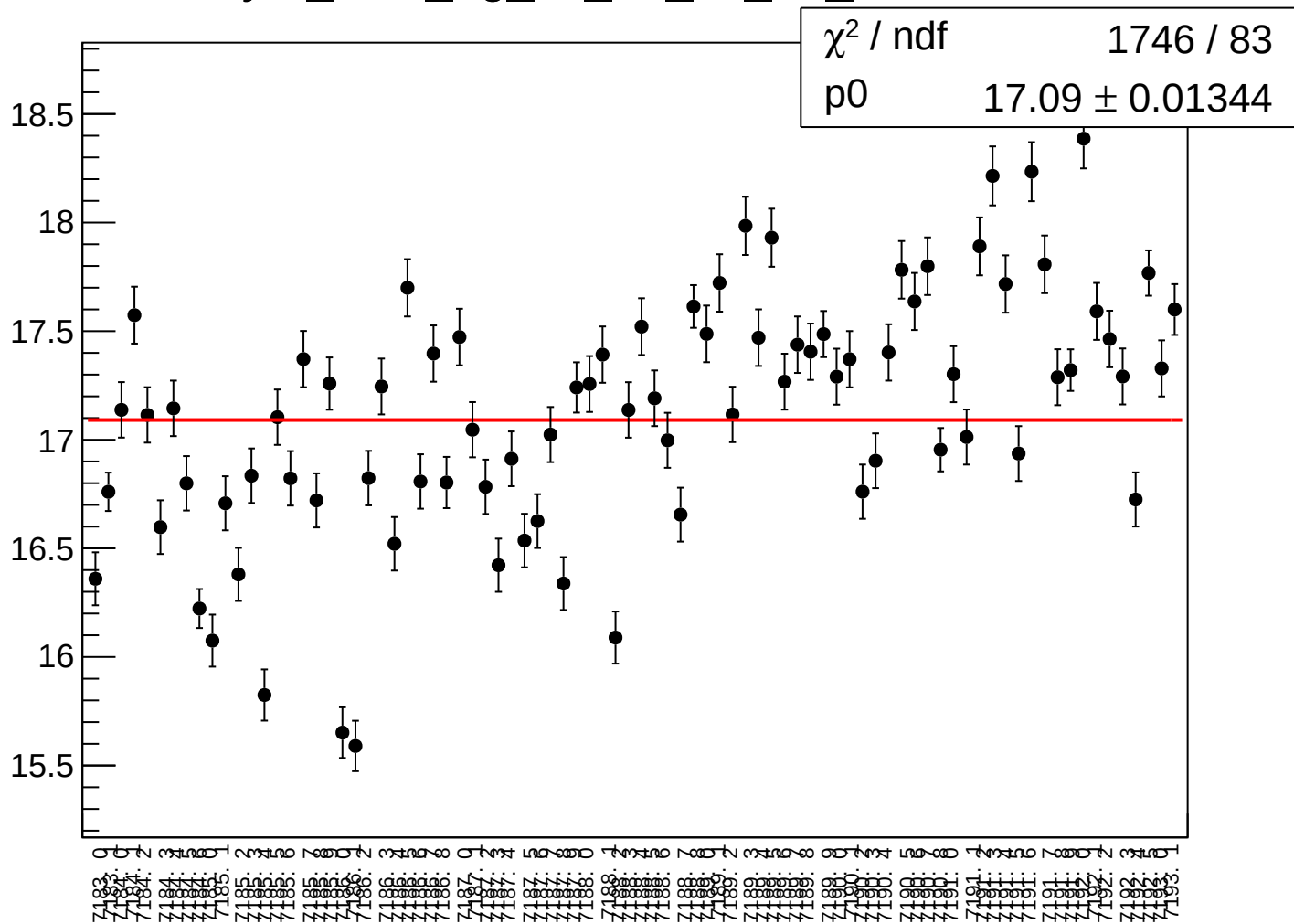
asym_bcm_dg_ds_an_us_avg_rms vs run



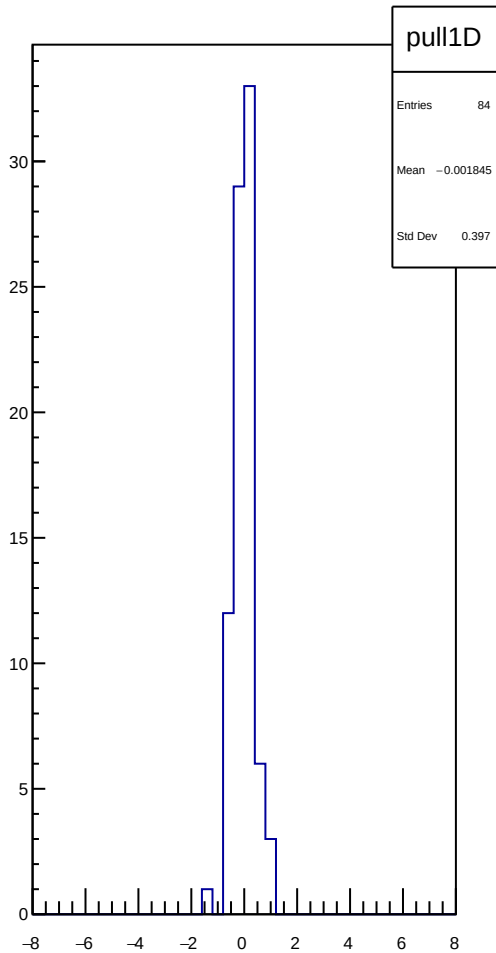
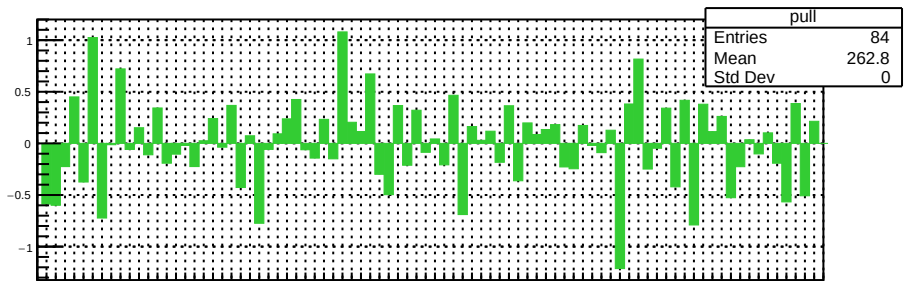
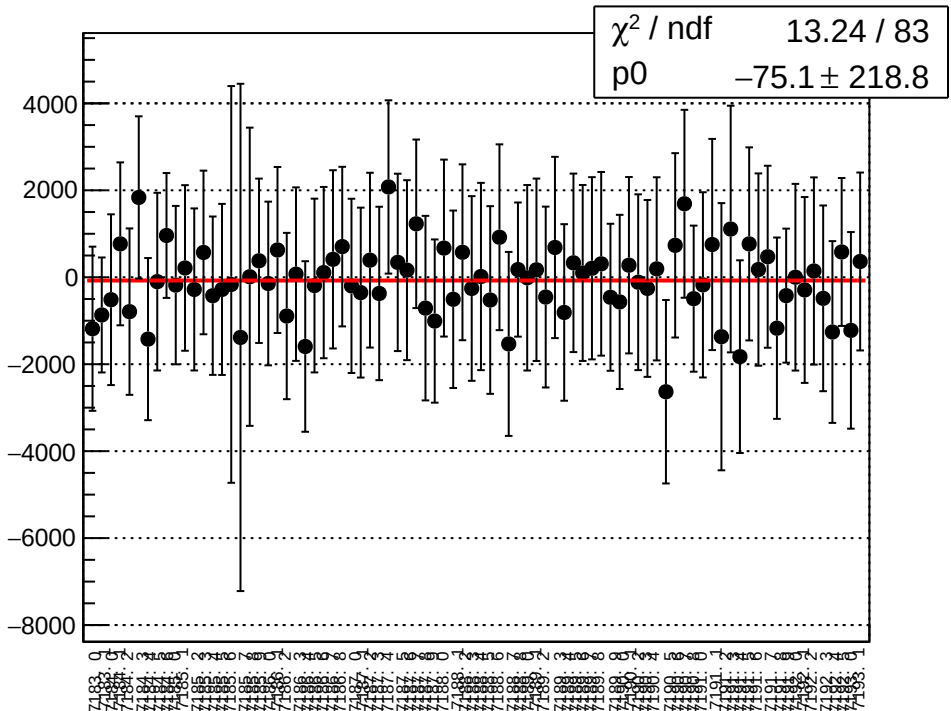
asym_bcm_dg_ds_an_us_dd_mean vs run



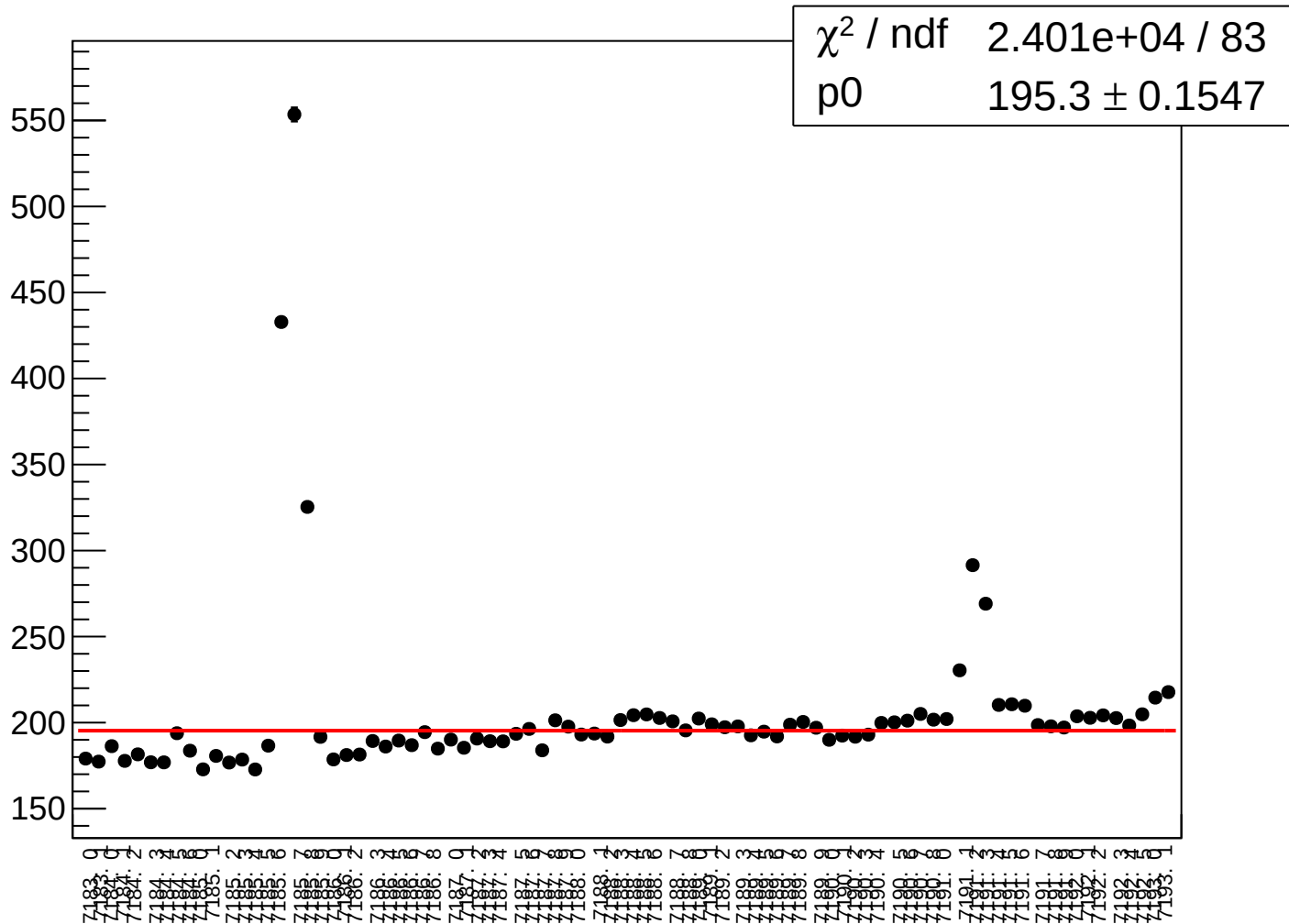
asym_bcm_dg_ds_an_us_dd_rms vs run



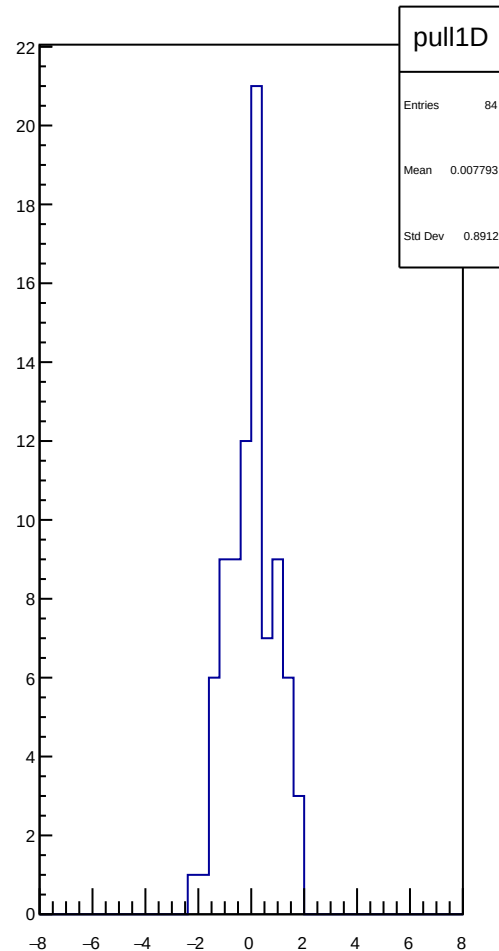
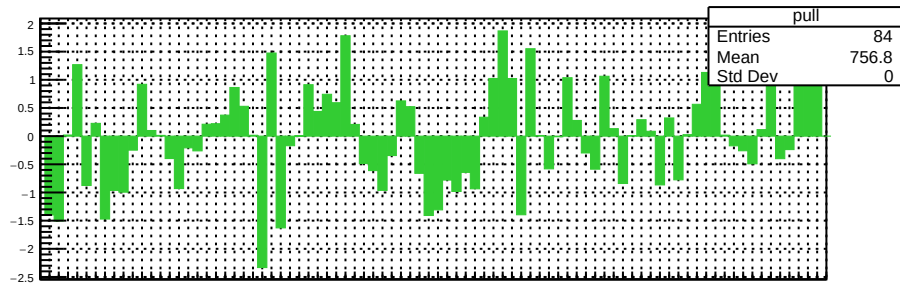
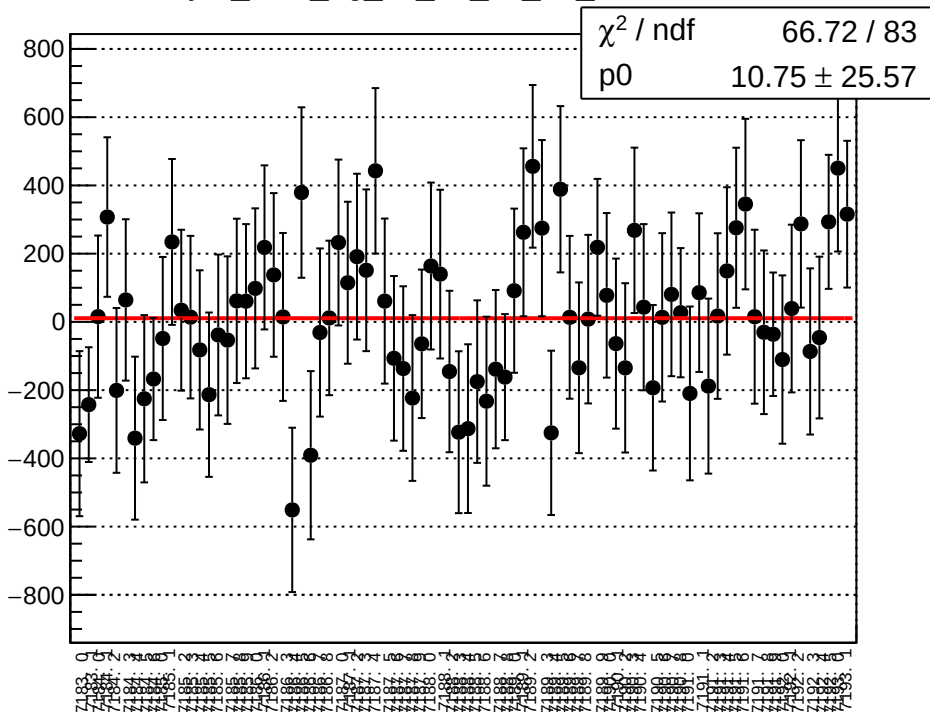
asym_bcm_dg_us_an_ds_avg_mean vs run



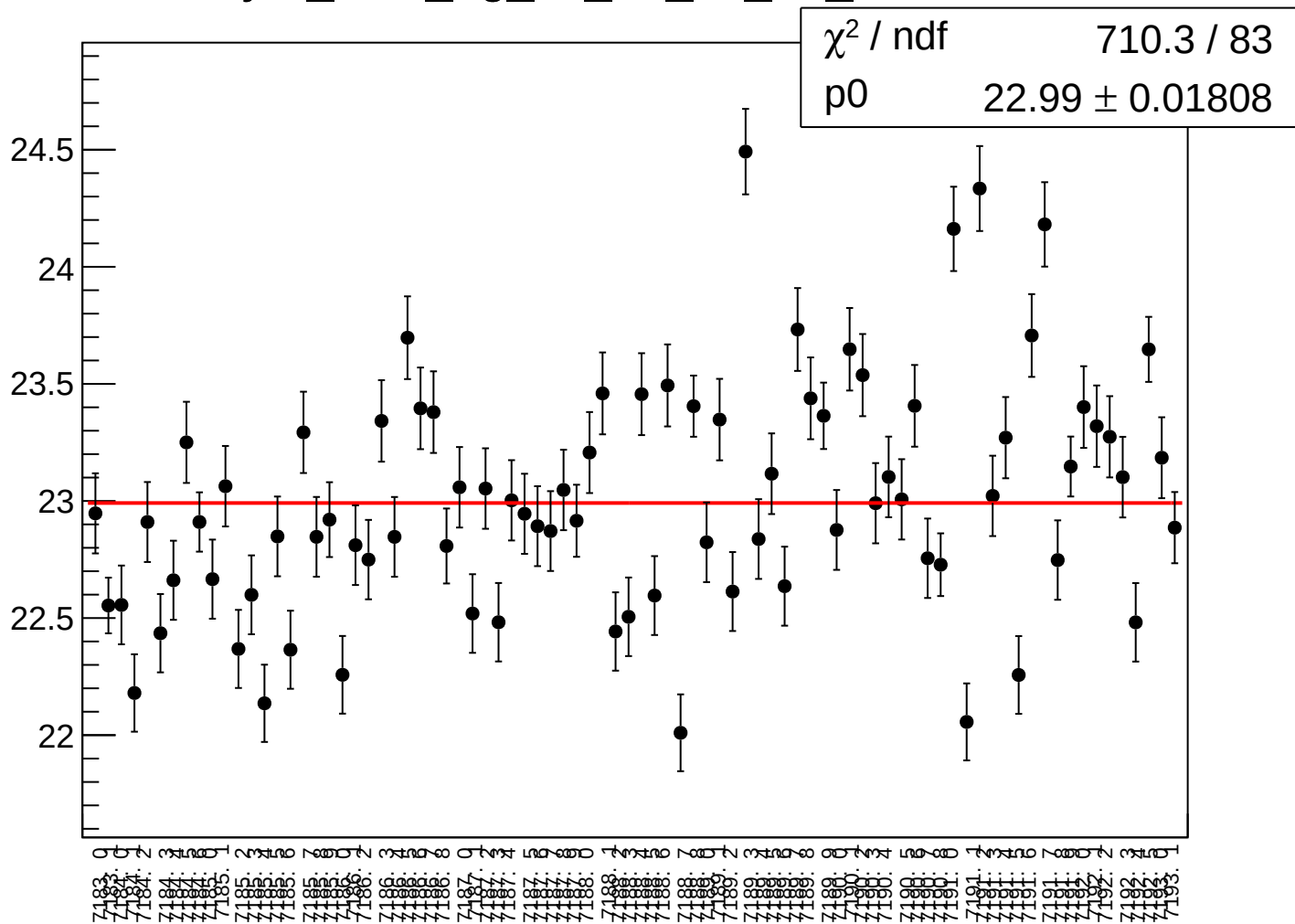
asym_bcm_dg_us_an_ds_avg_rms vs run



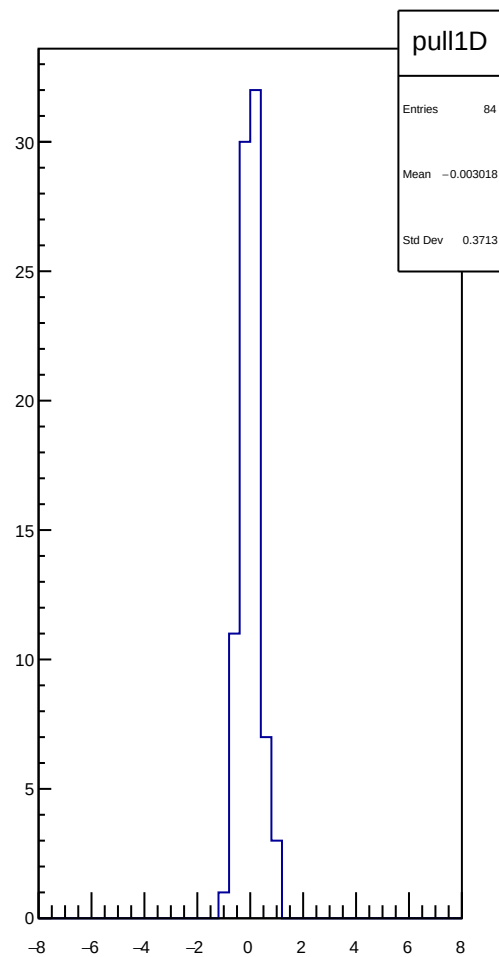
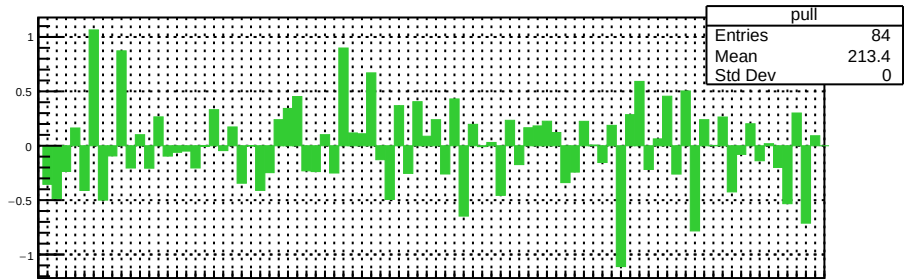
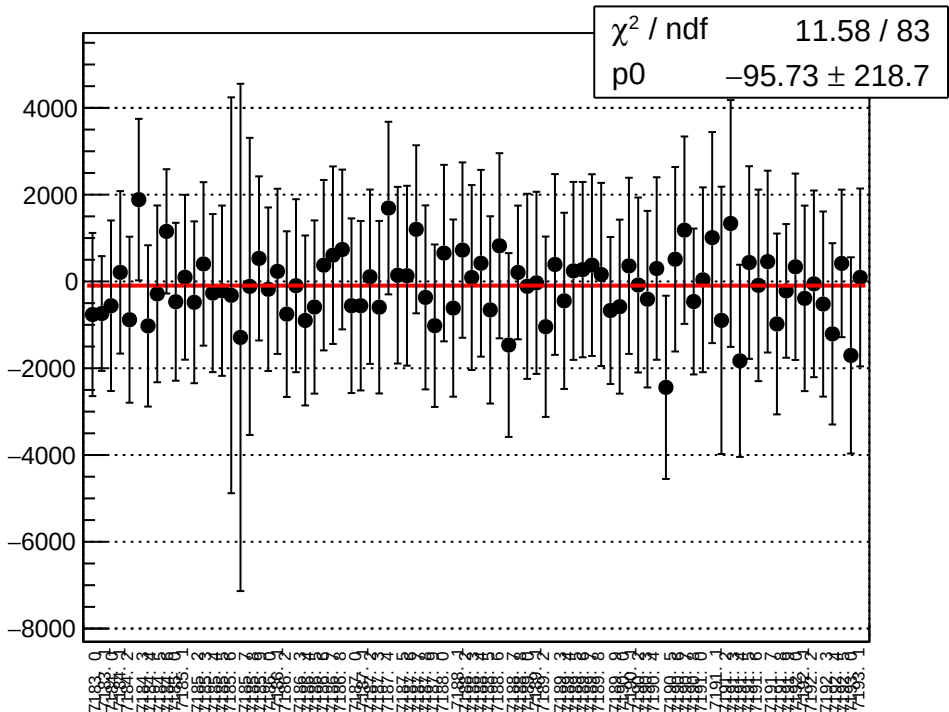
asym_bcm_dg_us_an_ds_dd_mean vs run



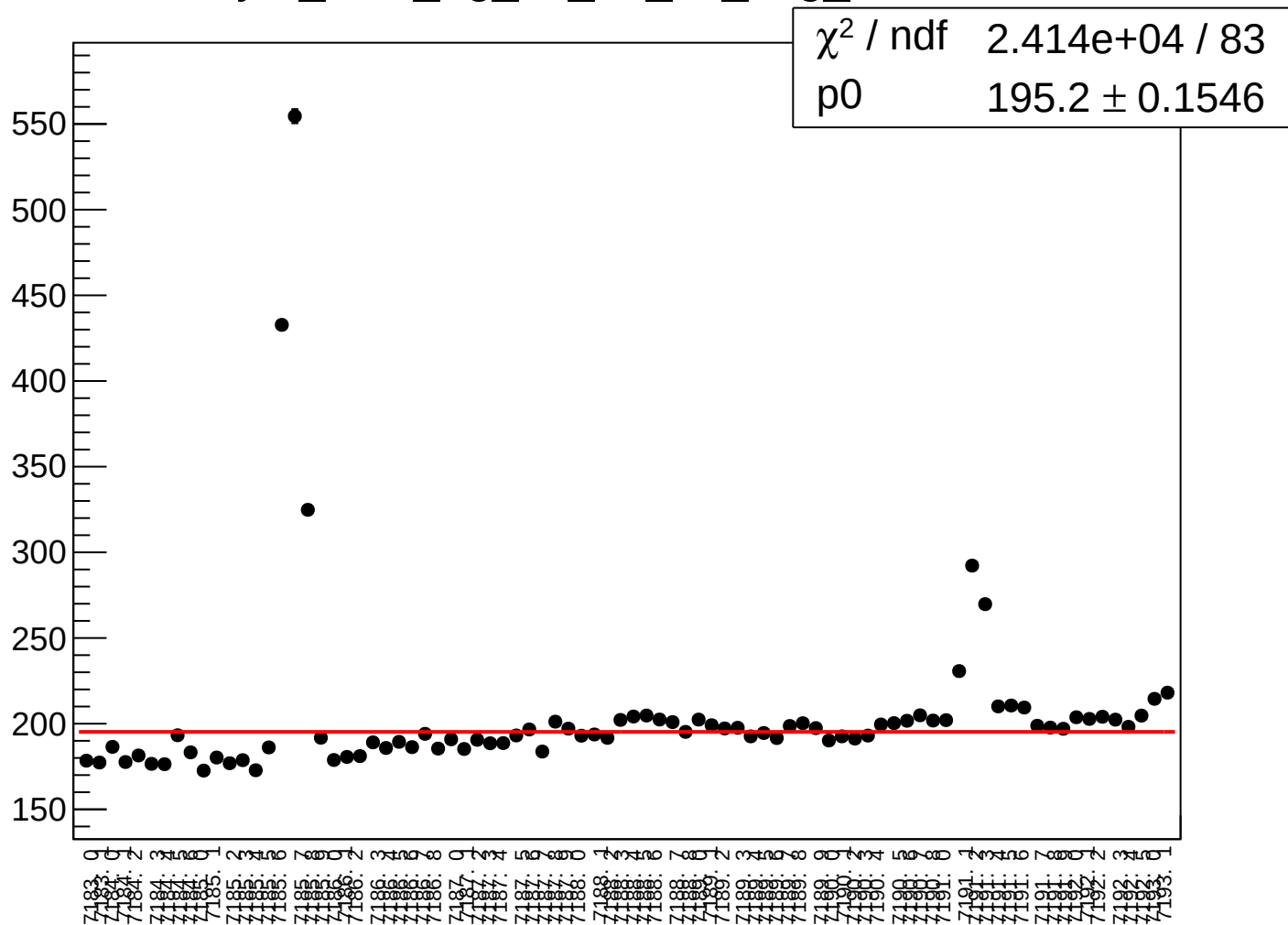
asym_bcm_dg_us_an_ds_dd_rms vs run



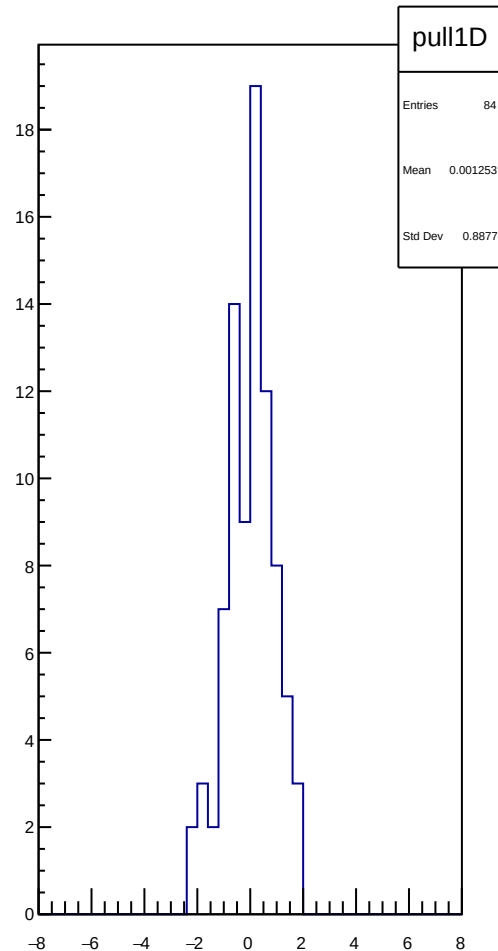
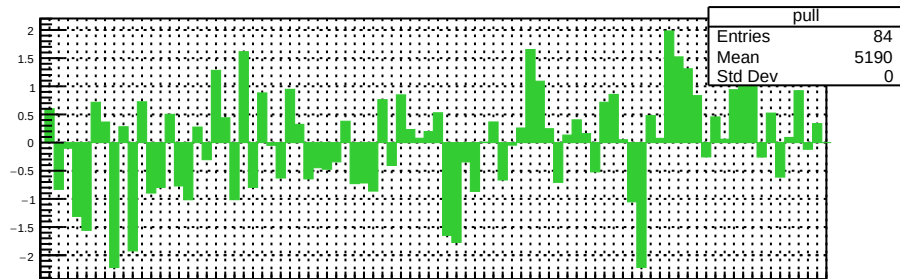
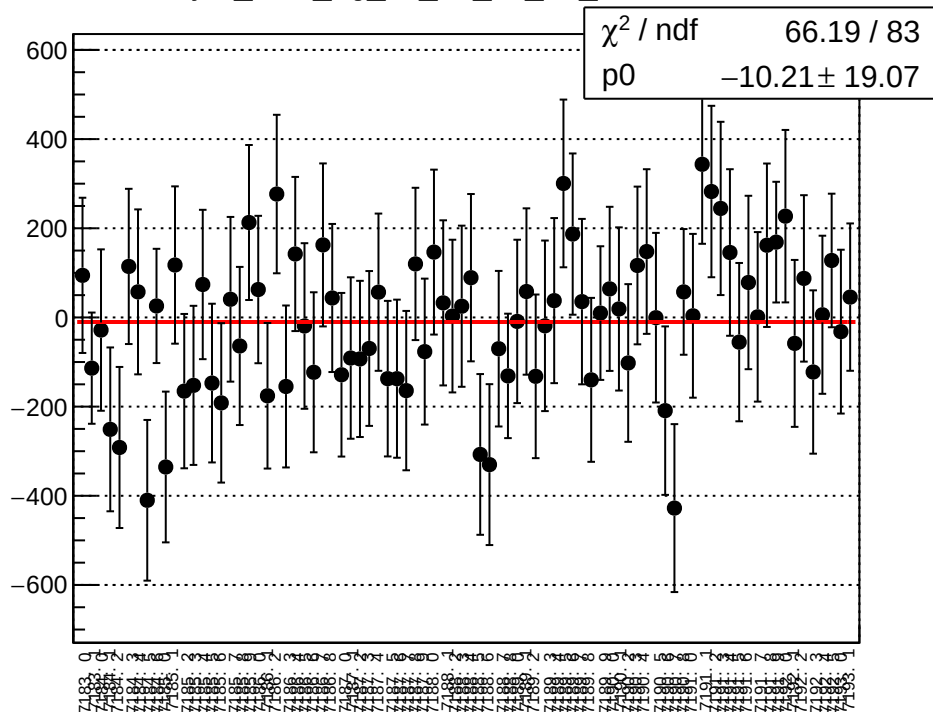
asym_bcm_dg_ds_an_ds_avg_mean vs run



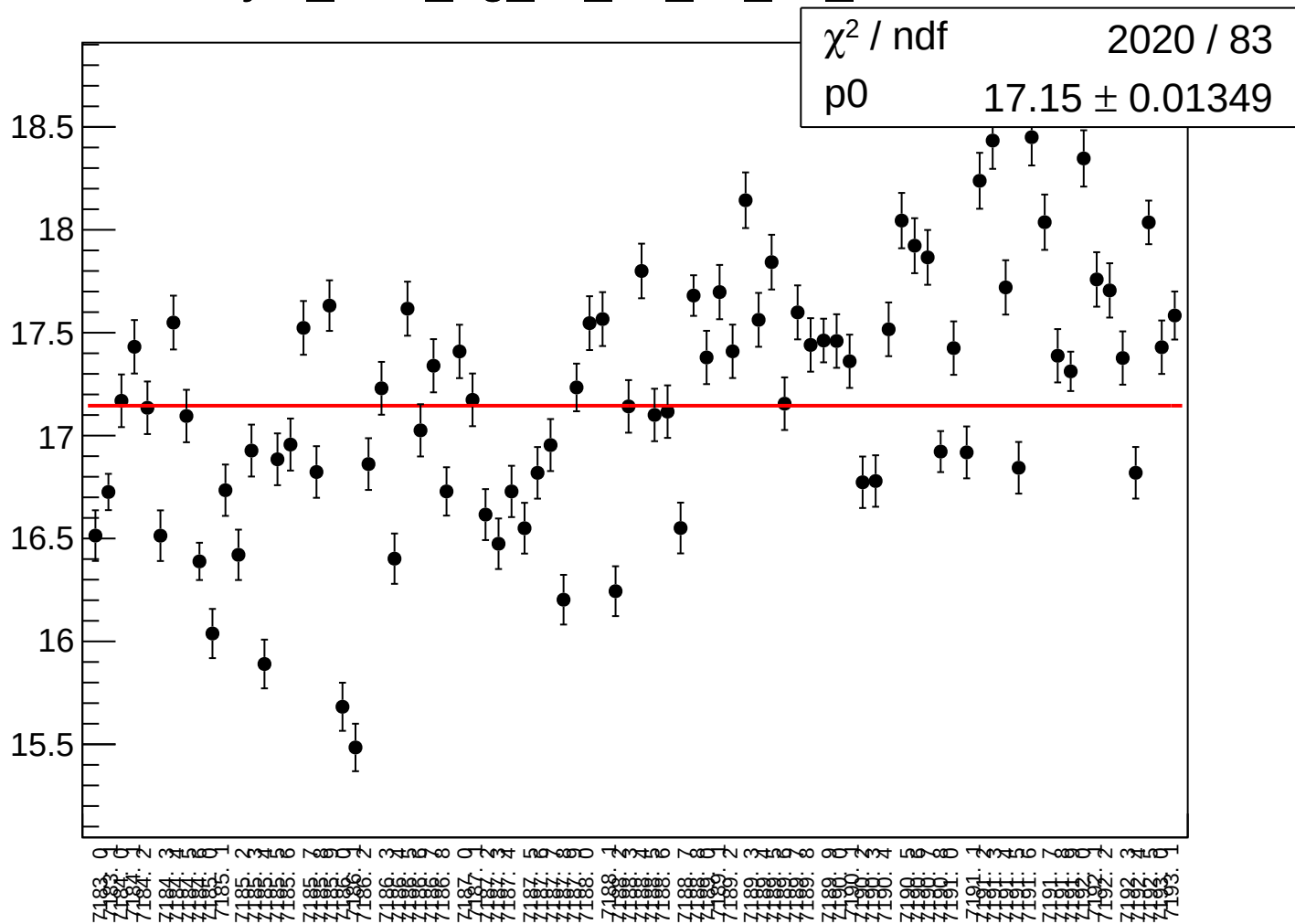
asym_bcm_dg_ds_an_ds_avg_rms vs run



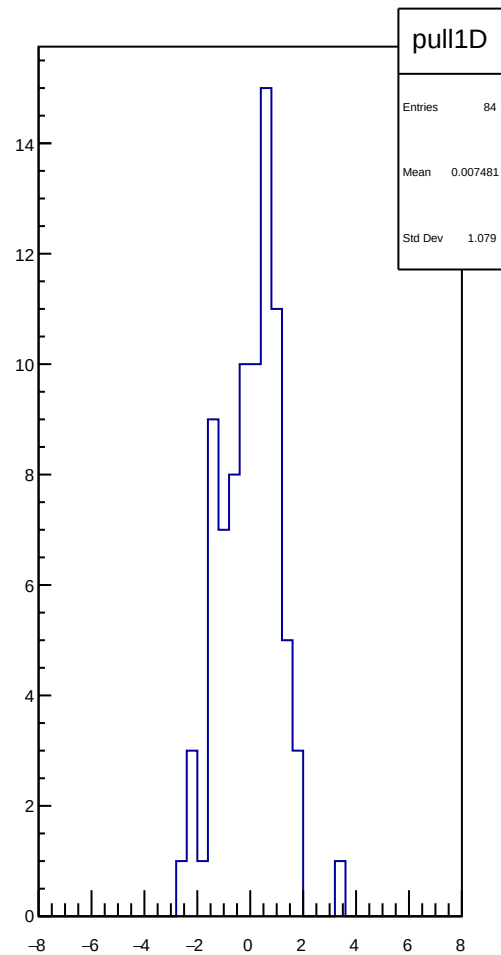
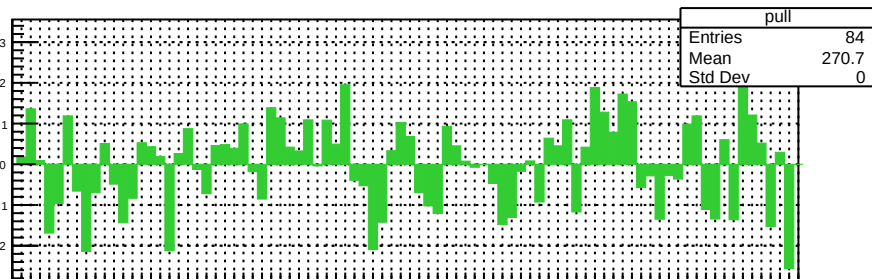
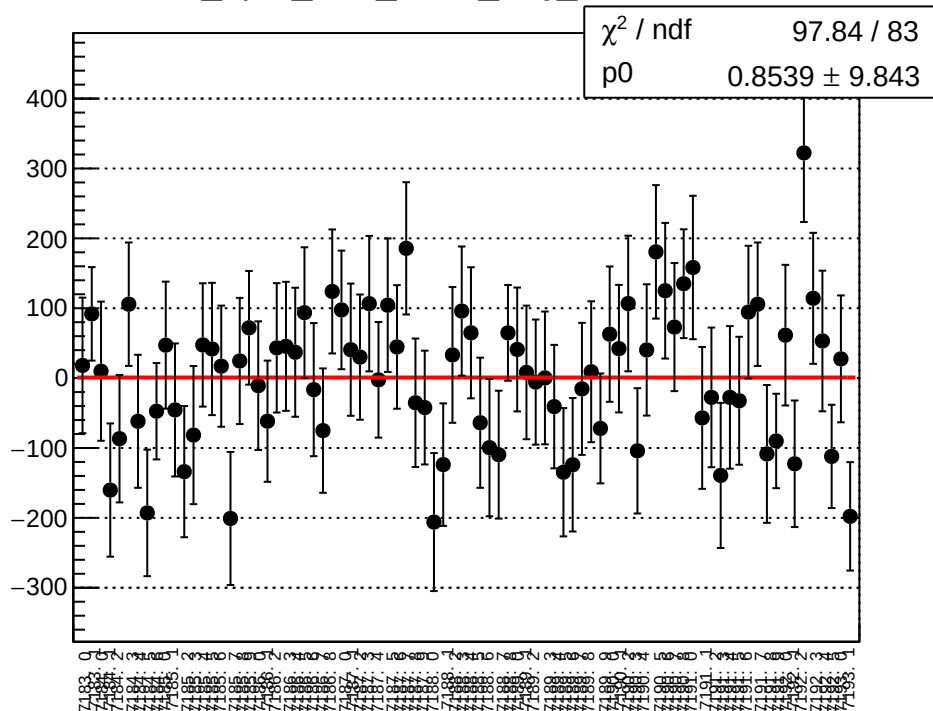
asym_bcm_dg_ds_an_ds_dd_mean vs run



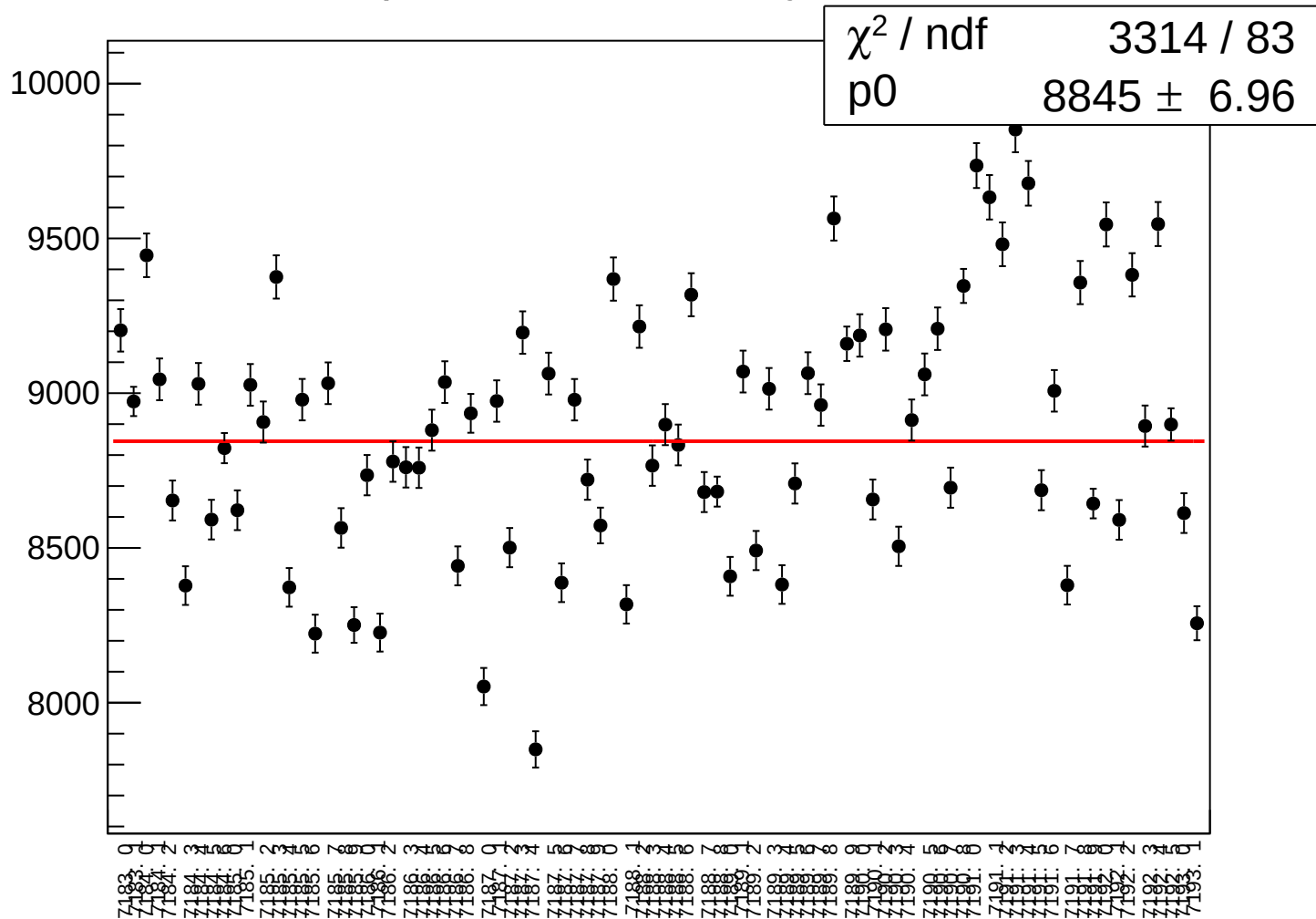
asym_bcm_dg_ds_an_ds_dd_rms vs run



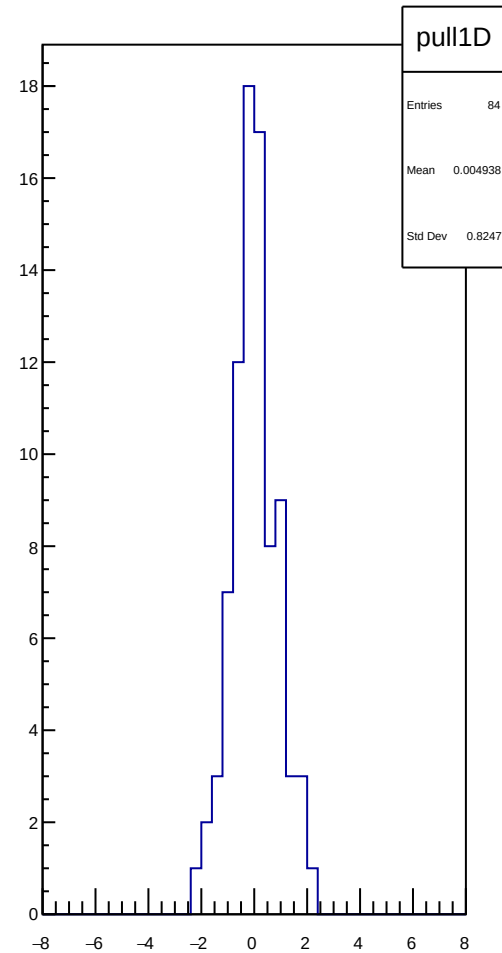
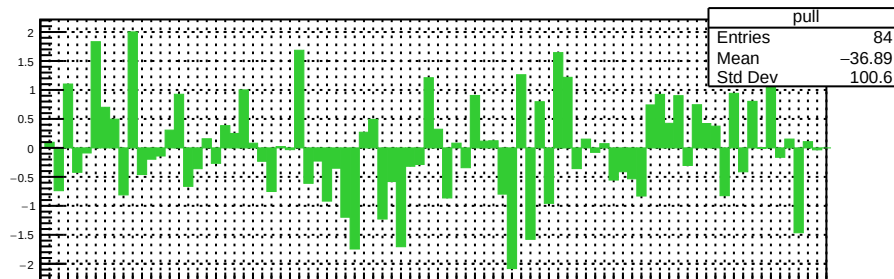
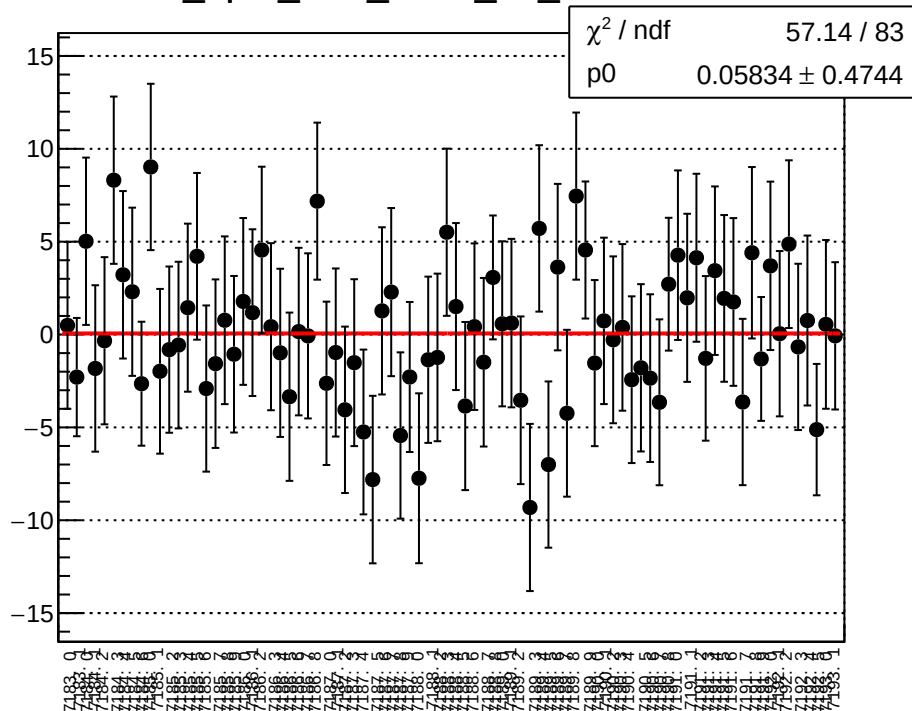
diff_bpm_4aX_4acX_avg_mean vs run



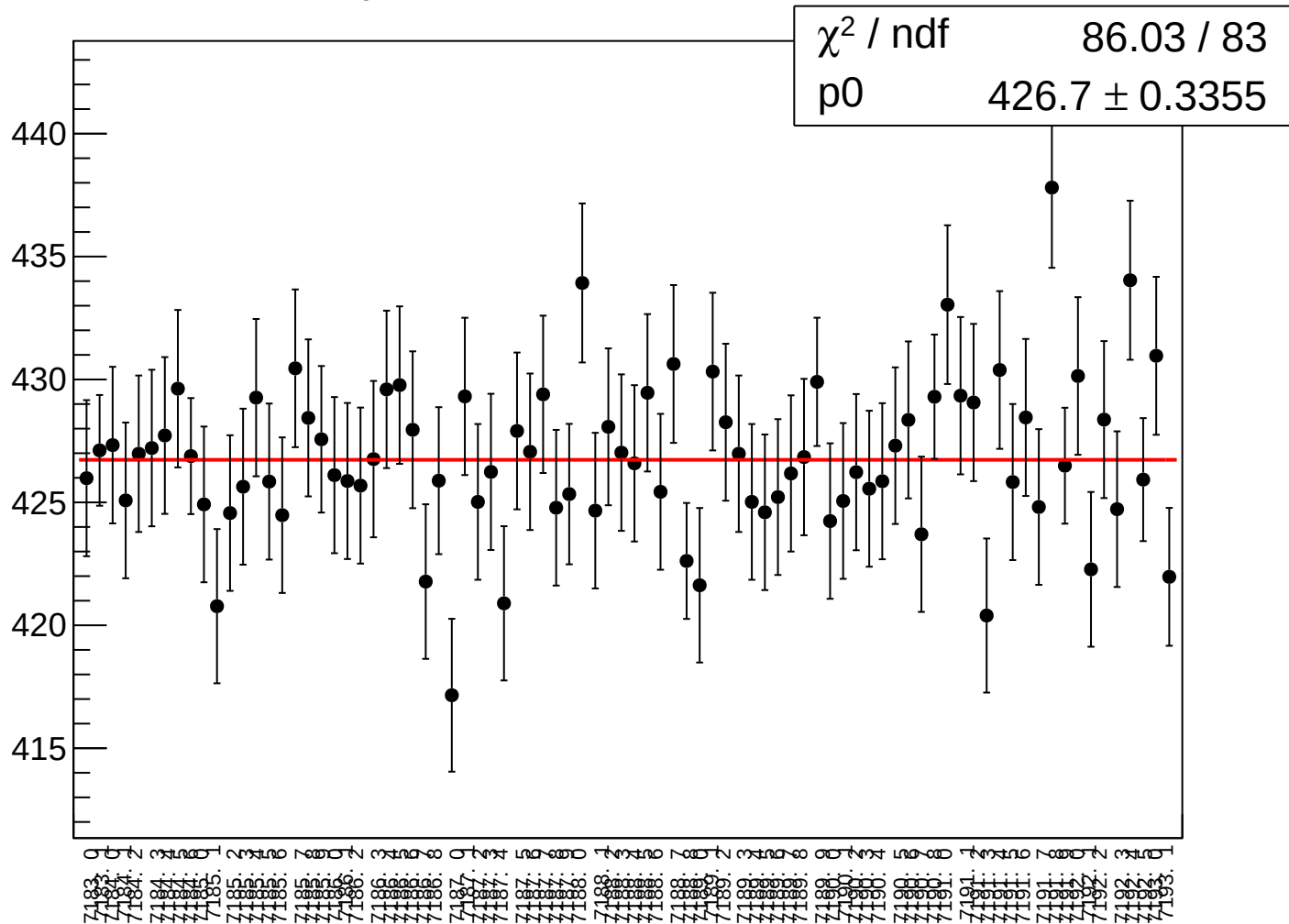
diff_bpm_4aX_4acX_avg_rms vs run



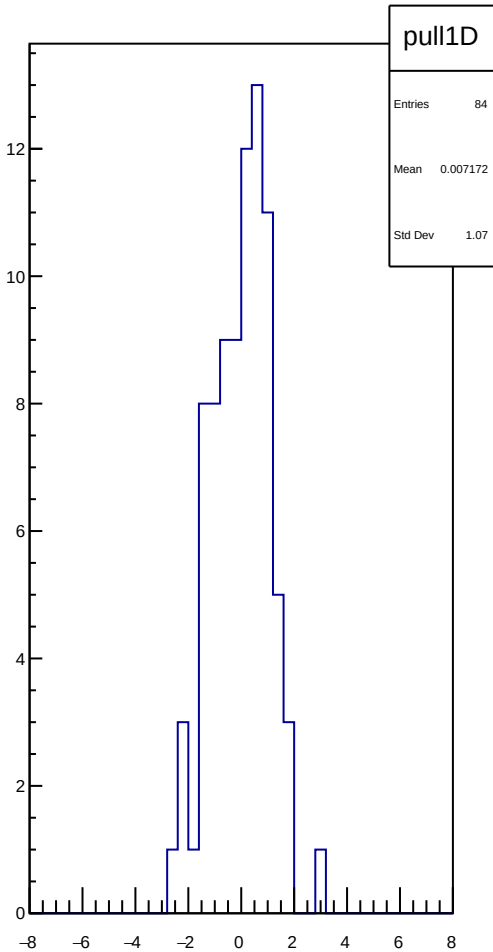
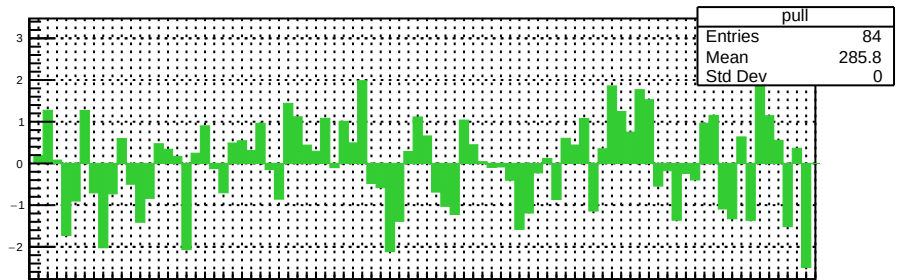
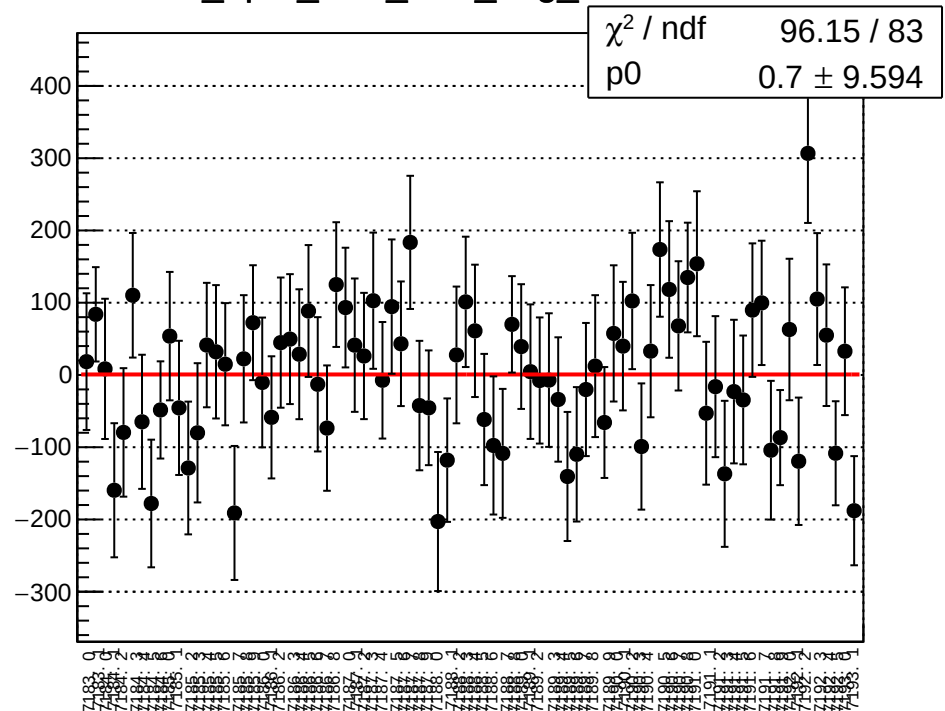
diff_bpm_4aX_4acX_dd_mean vs run



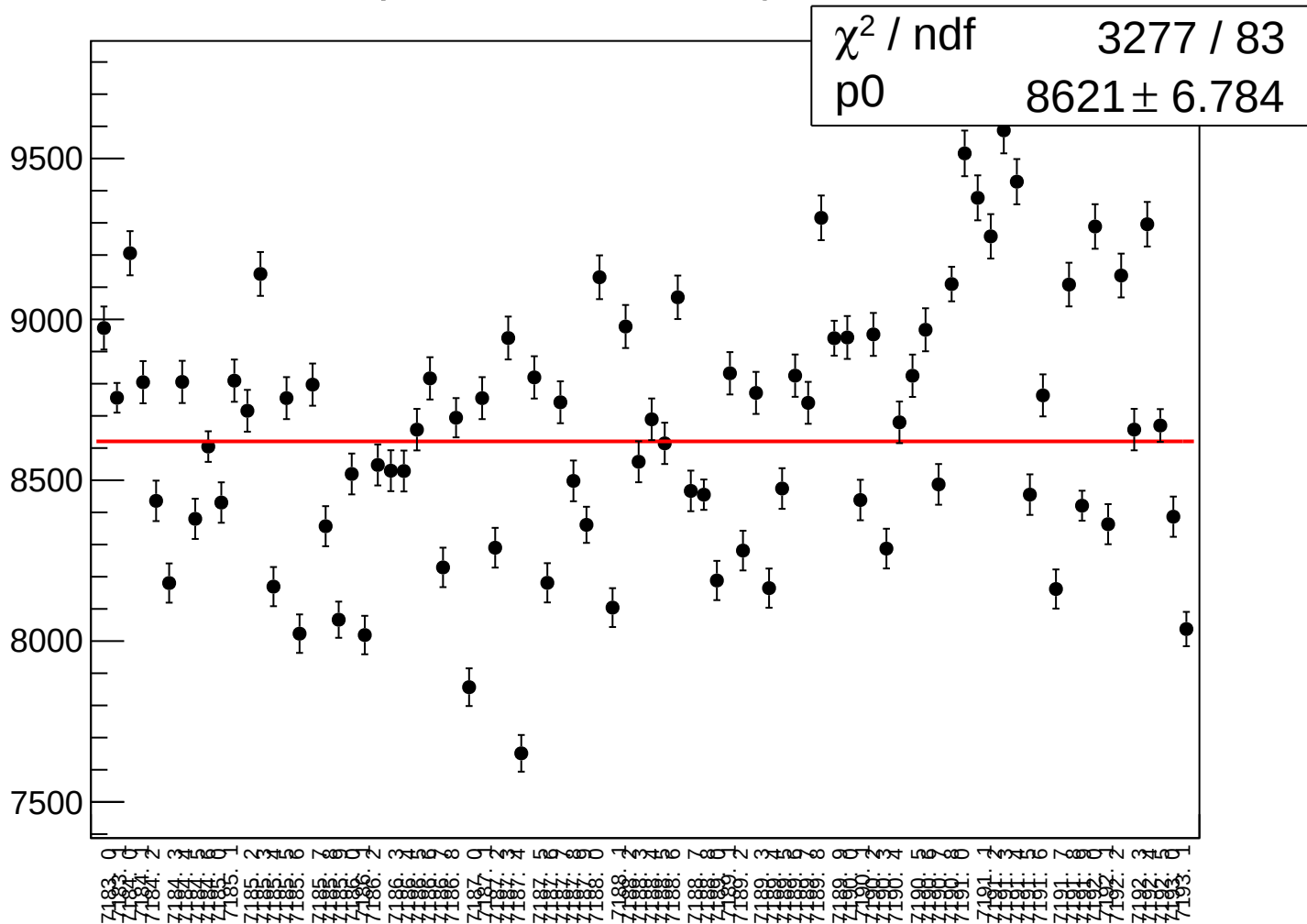
diff_bpm_4aX_4acX_dd_rms vs run



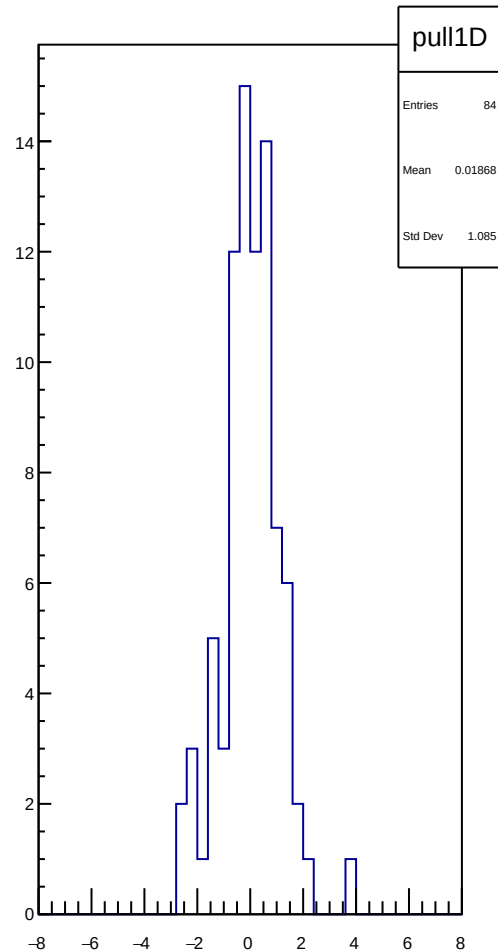
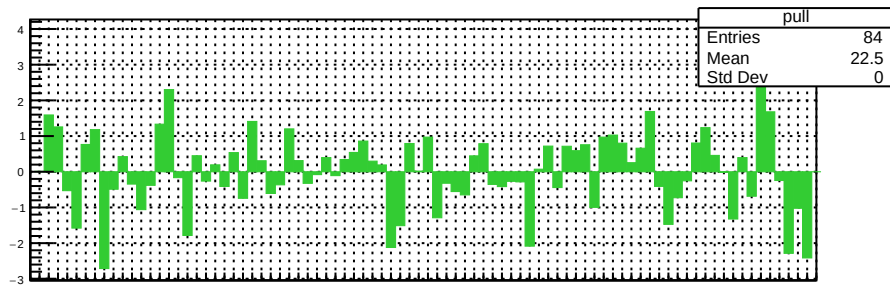
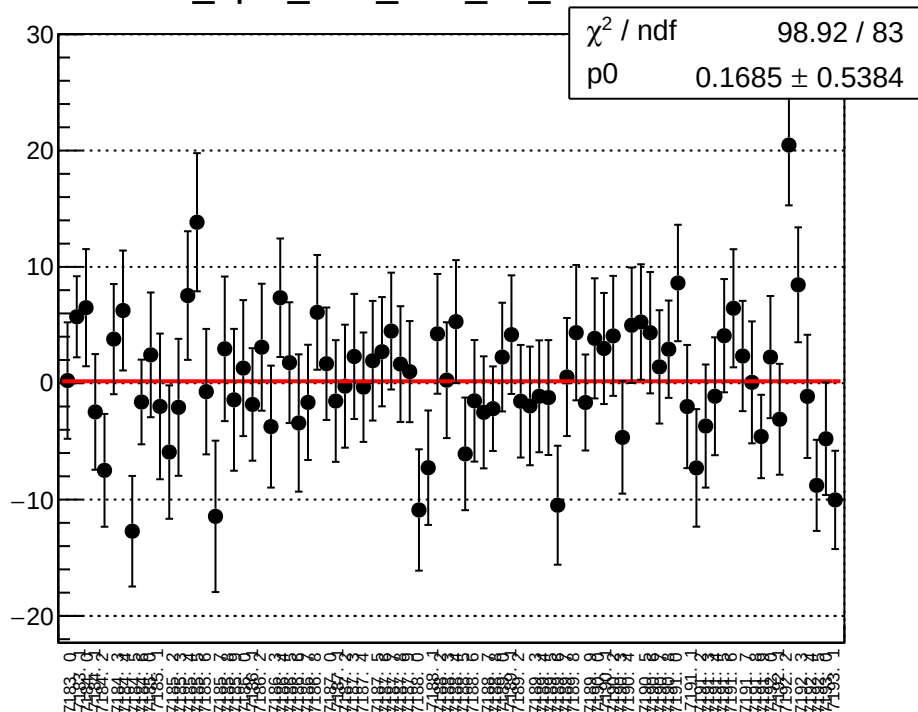
diff_bpm_4aX_4eX_avg_mean vs run



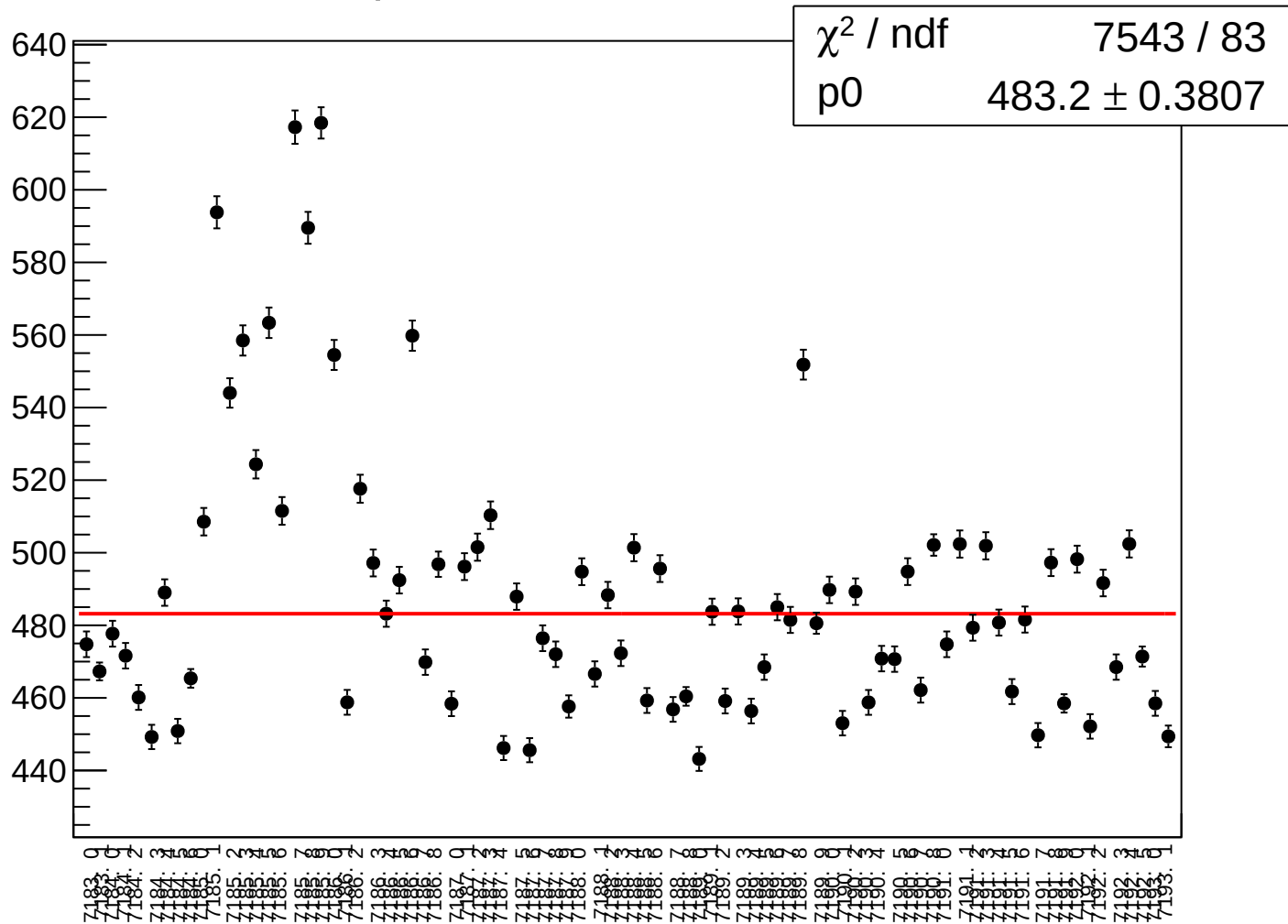
diff_bpm_4aX_4eX_avg_rms vs run



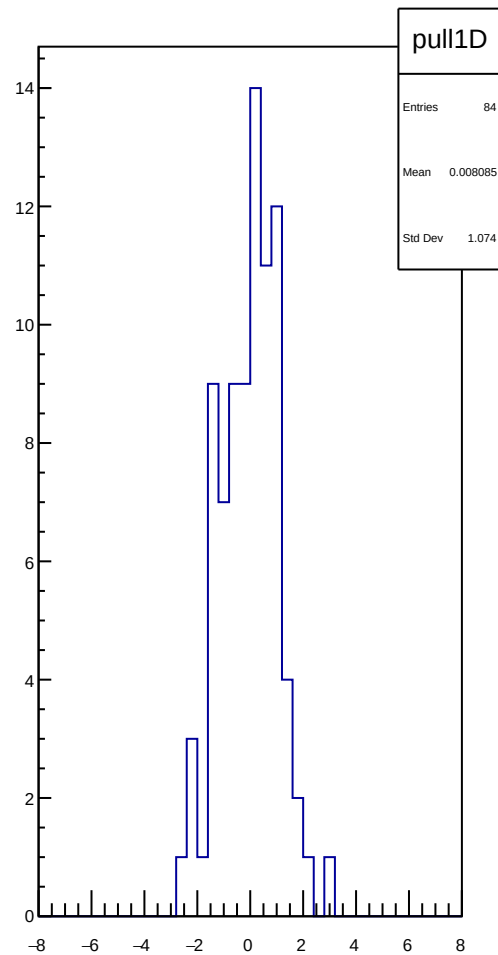
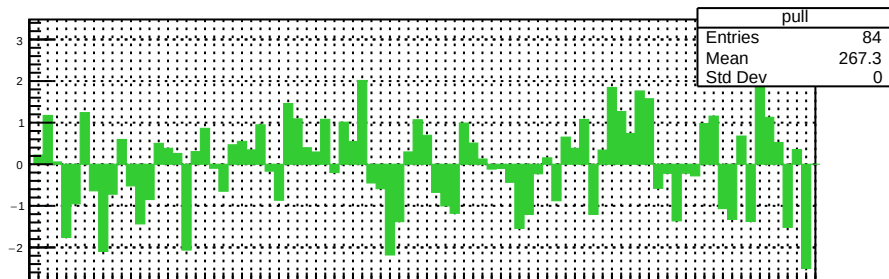
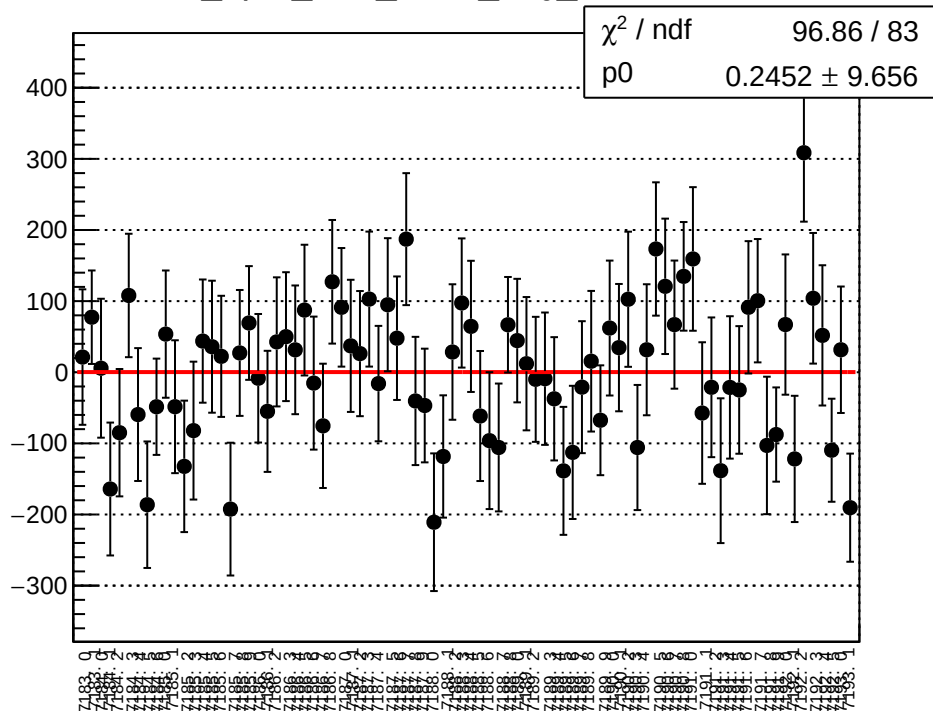
diff_bpm_4aX_4eX_dd_mean vs run



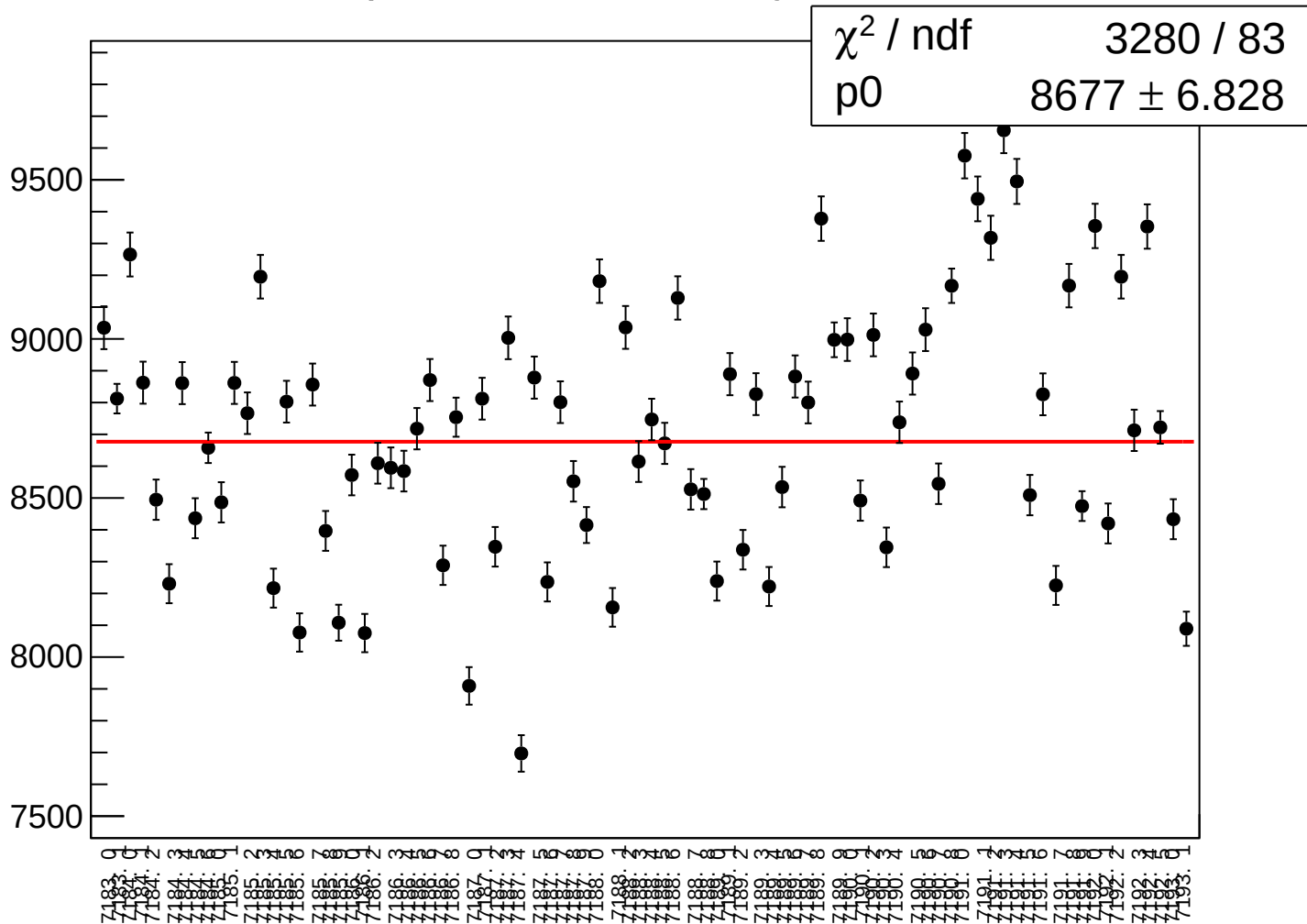
diff_bpm_4aX_4eX_dd_rms vs run



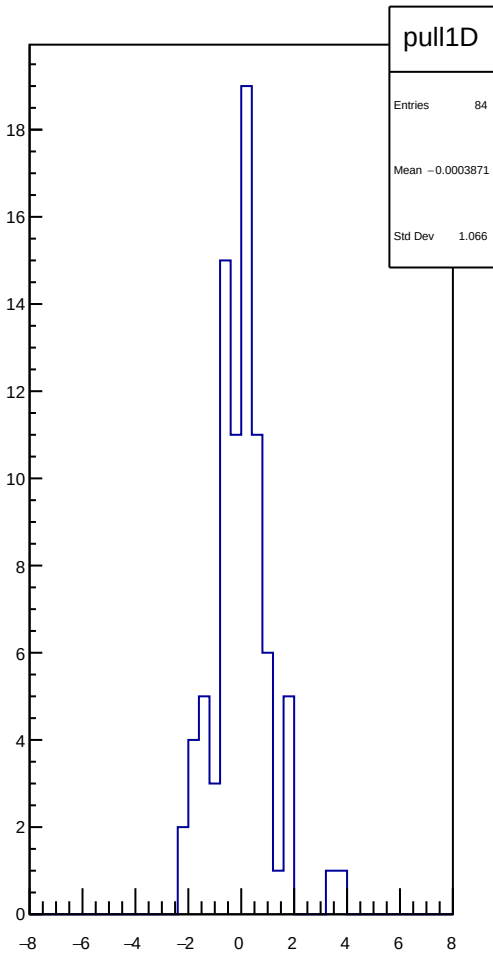
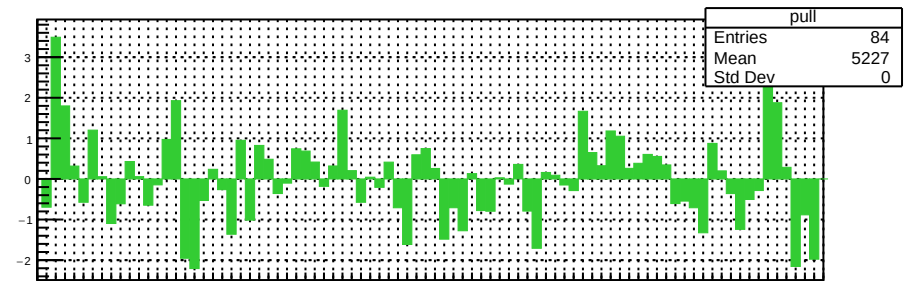
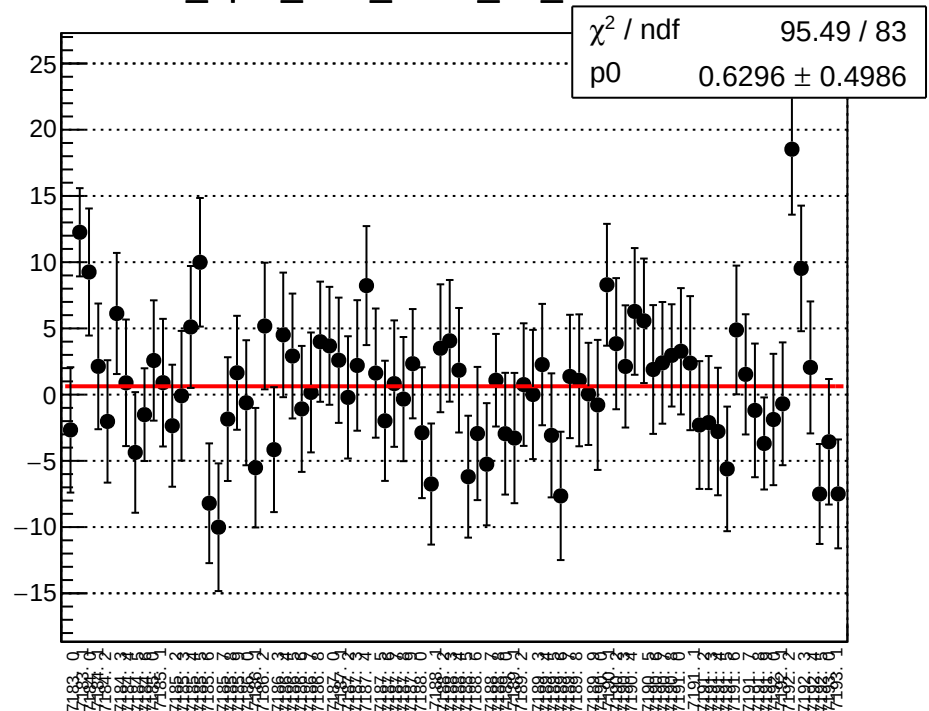
diff_bpm_4aX_4ecX_avg_mean vs run



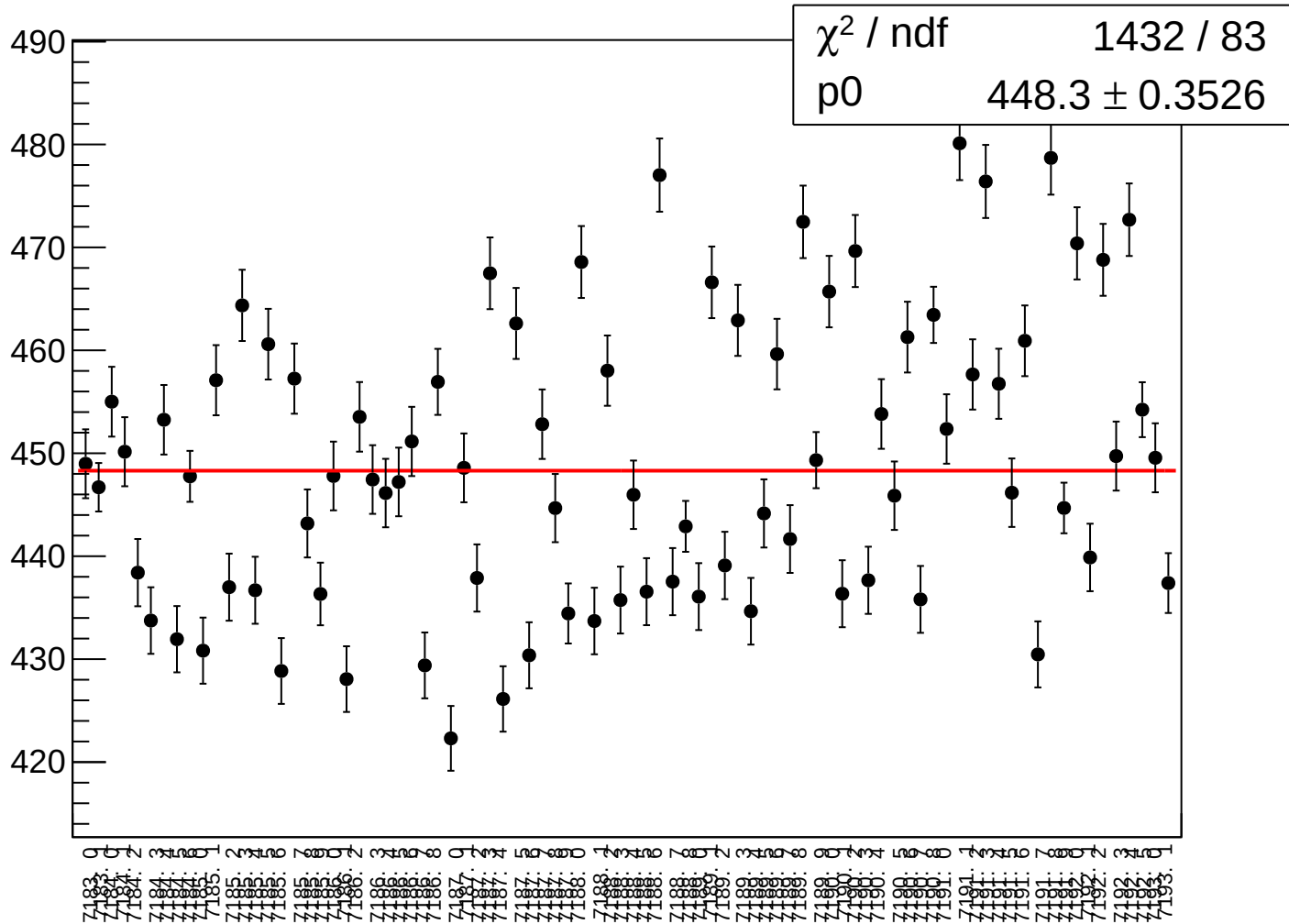
diff_bpm_4aX_4ecX_avg_rms vs run



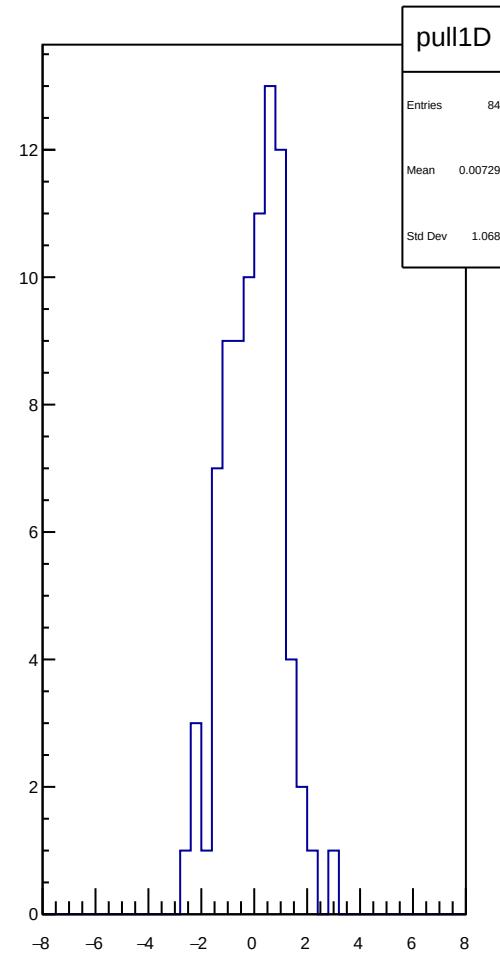
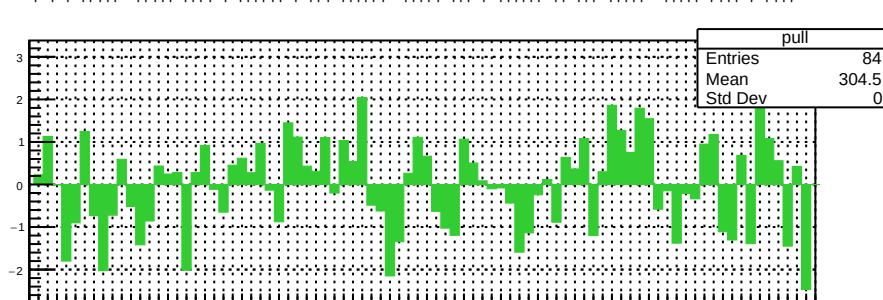
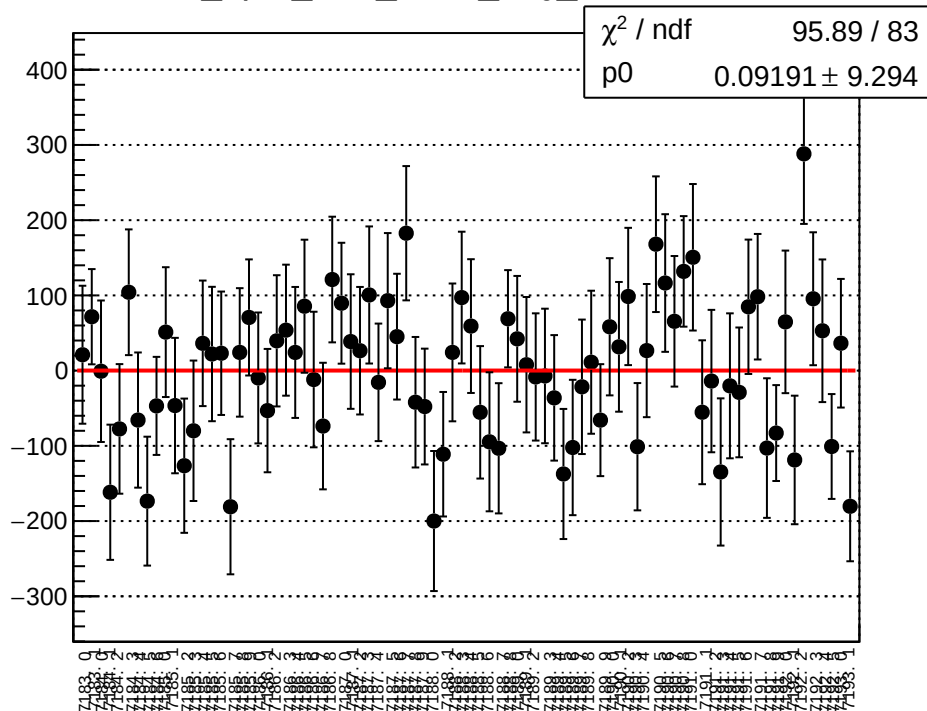
diff_bpm_4aX_4ecX_dd_mean vs run



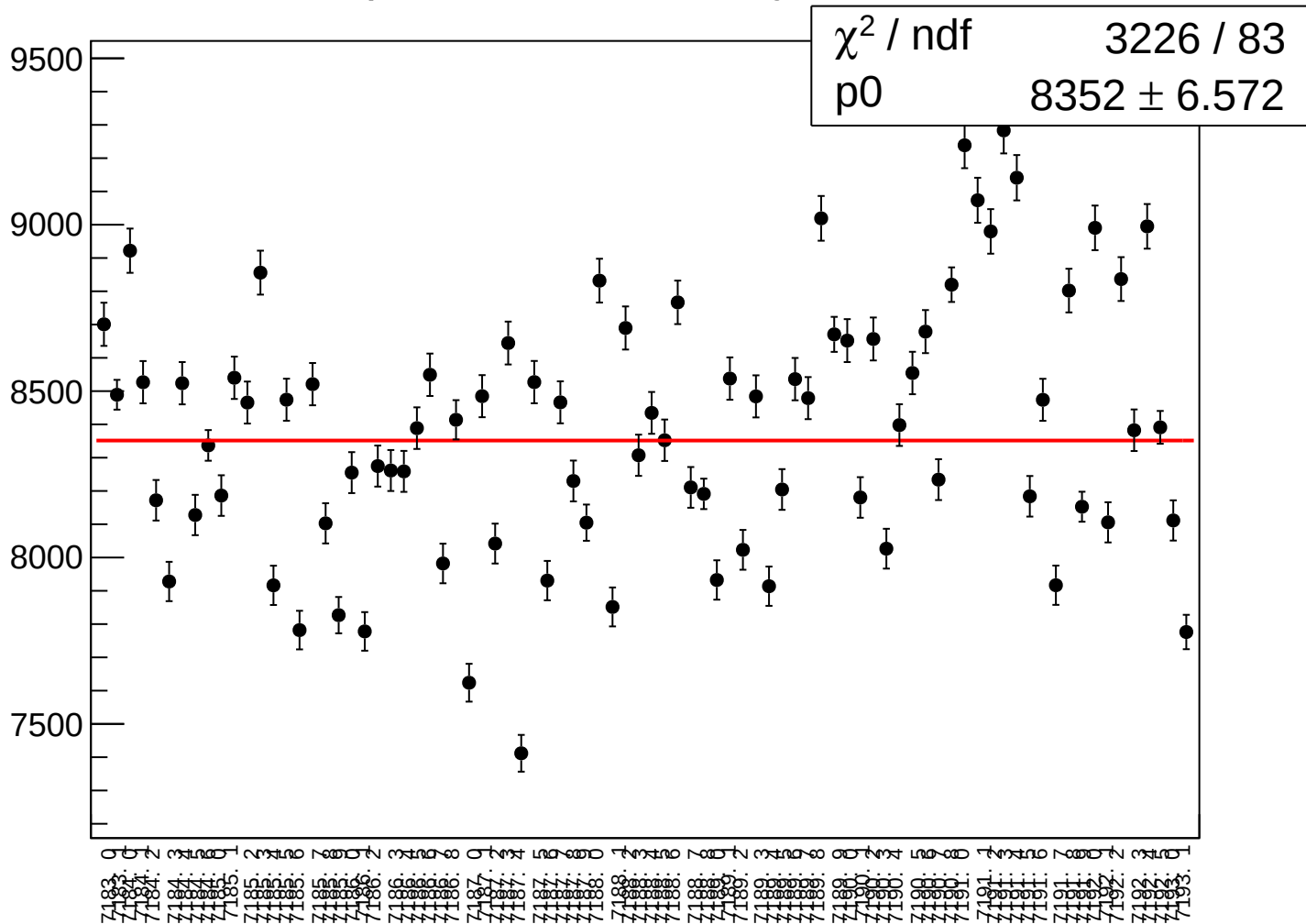
diff_bpm_4aX_4ecX_dd_rms vs run



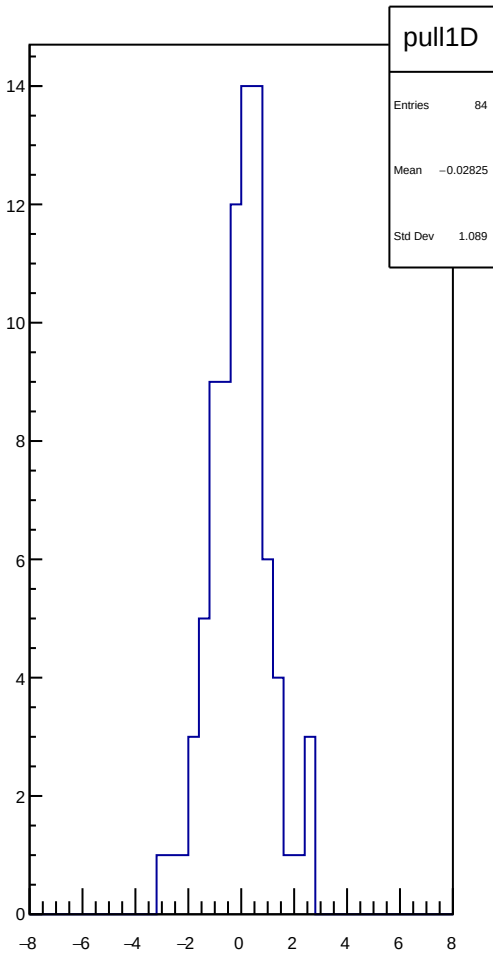
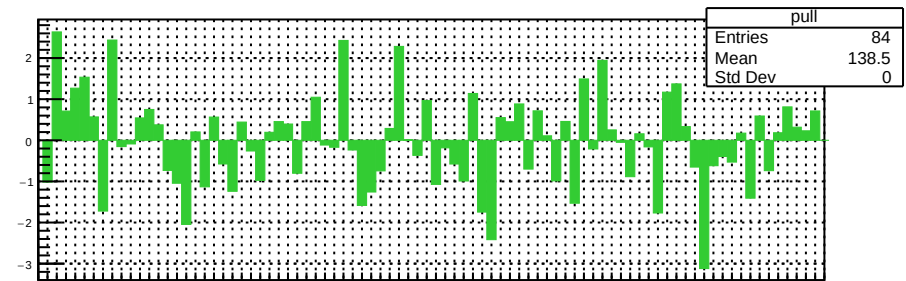
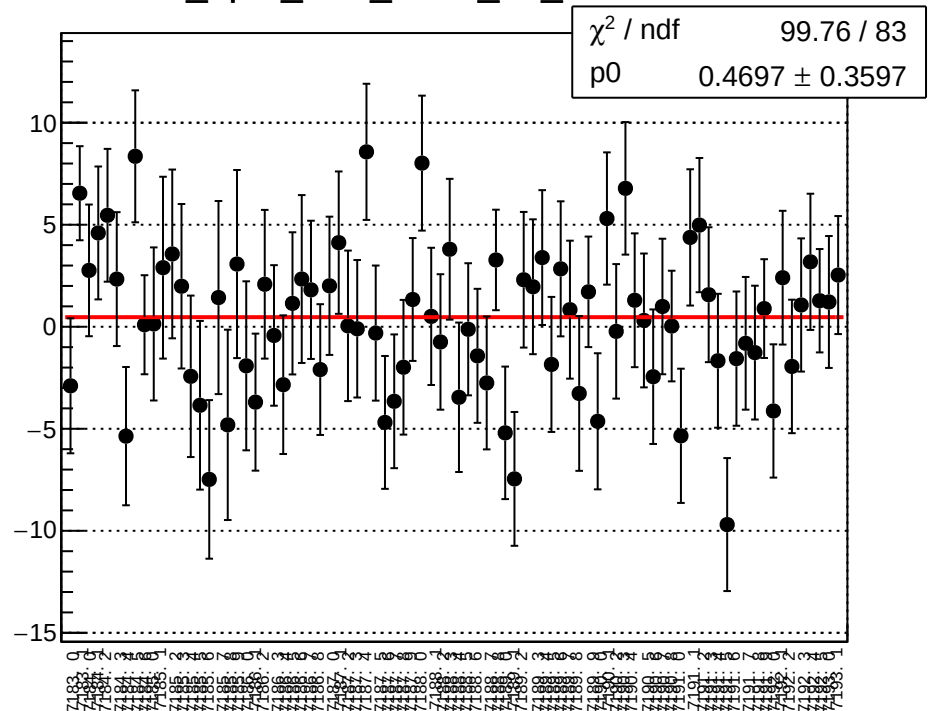
diff_bpm_4eX_4ecX_avg_mean vs run



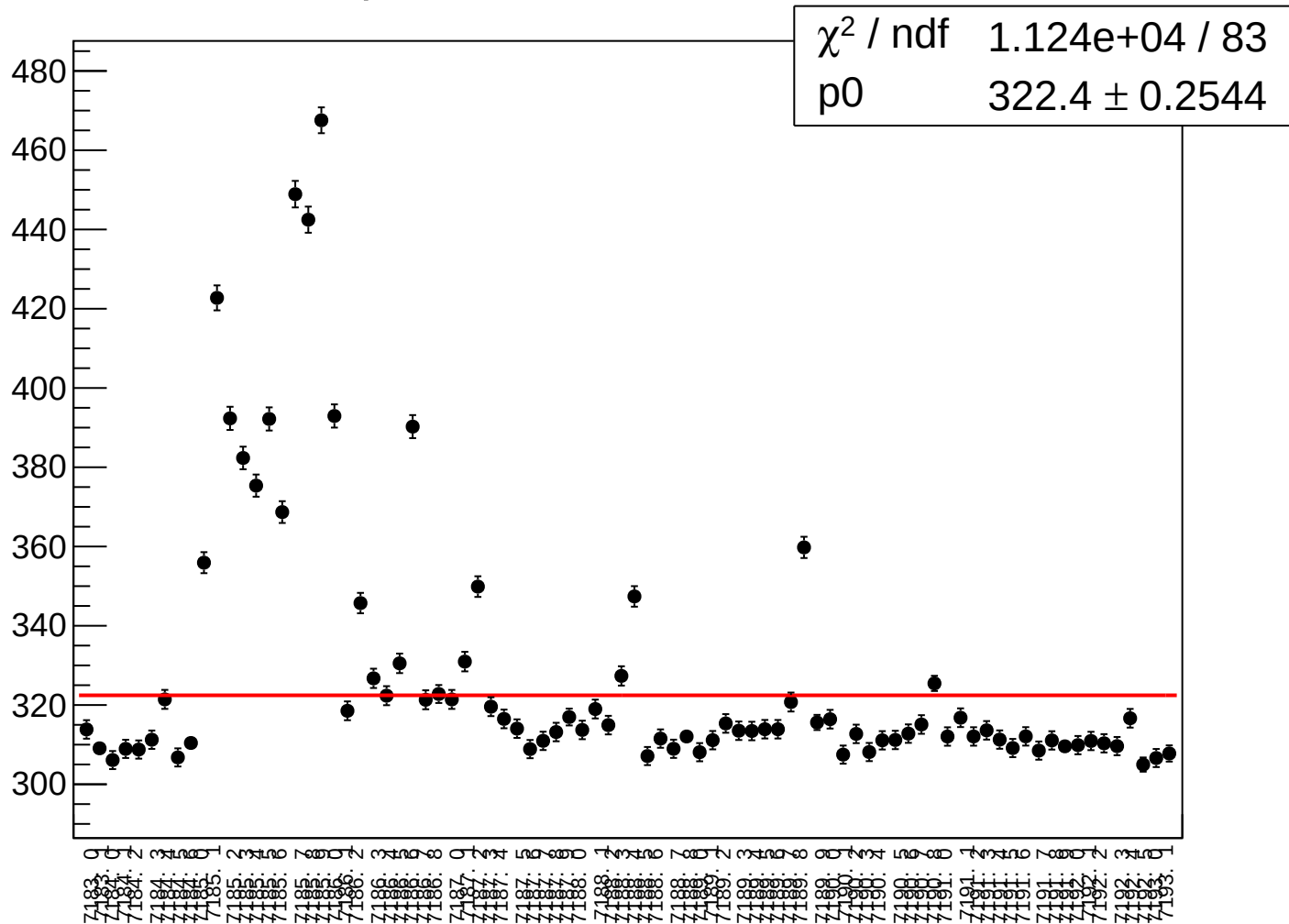
diff_bpm_4eX_4ecX_avg_rms vs run



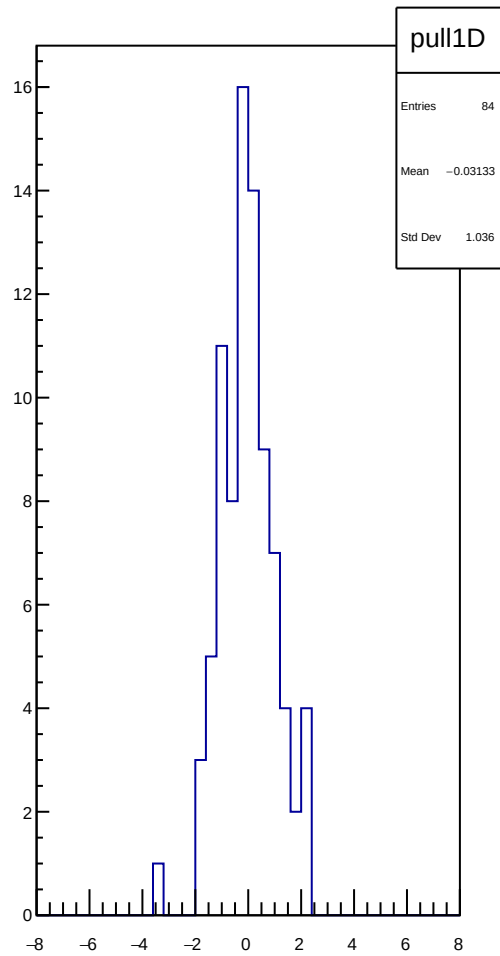
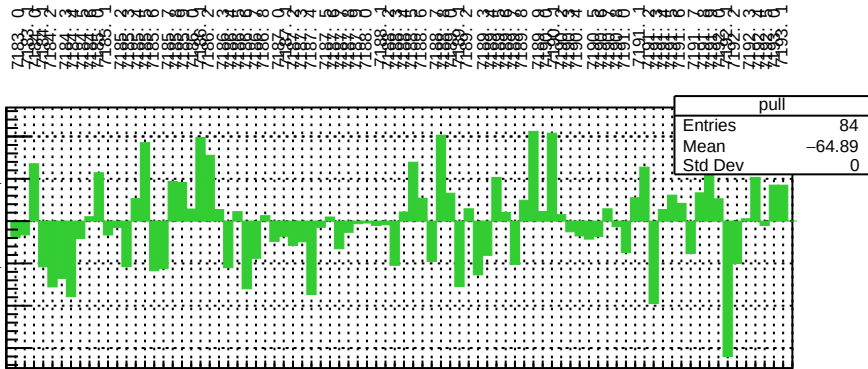
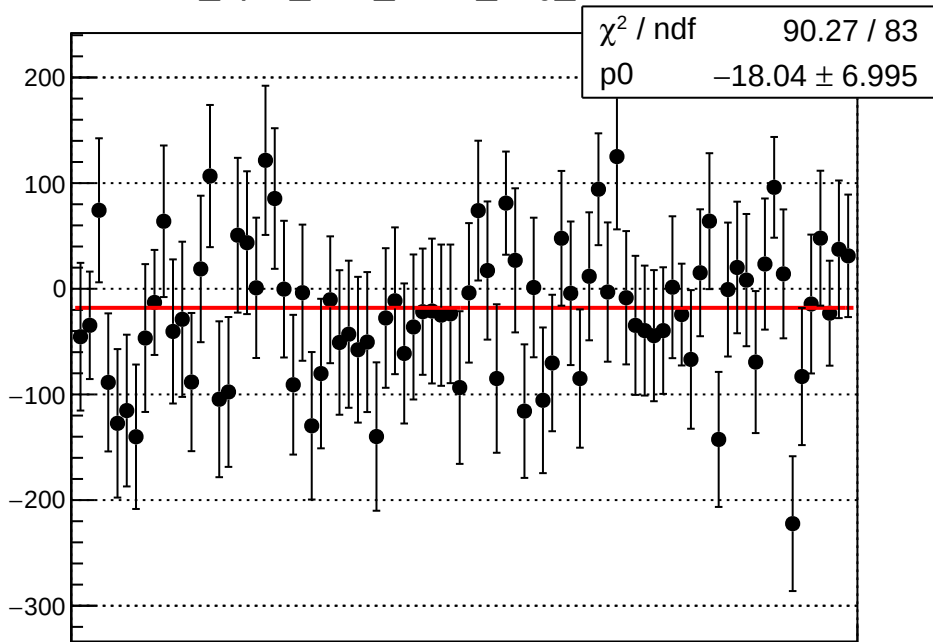
diff_bpm_4eX_4ecX_dd_mean vs run



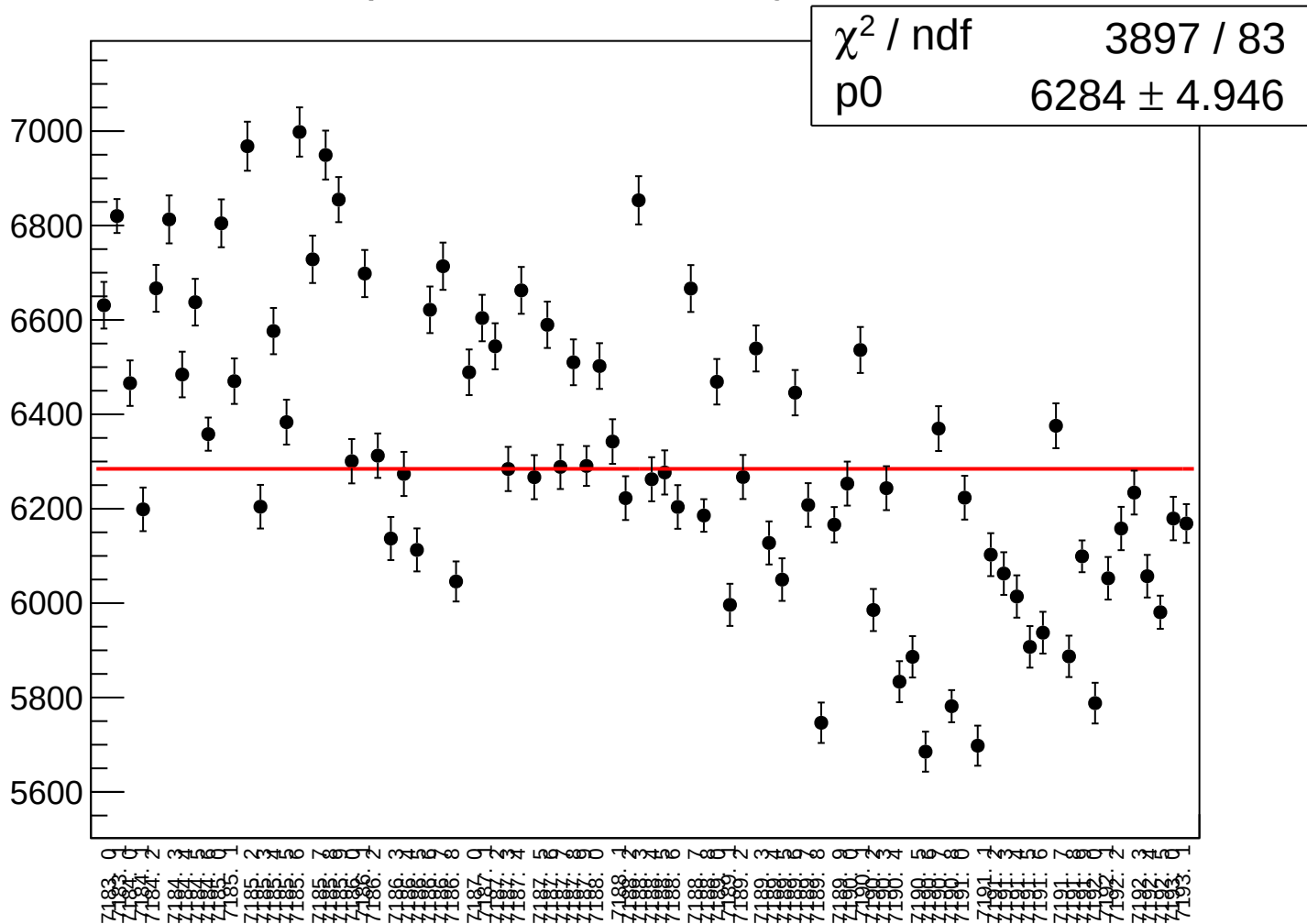
diff_bpm_4eX_4ecX_dd_rms vs run



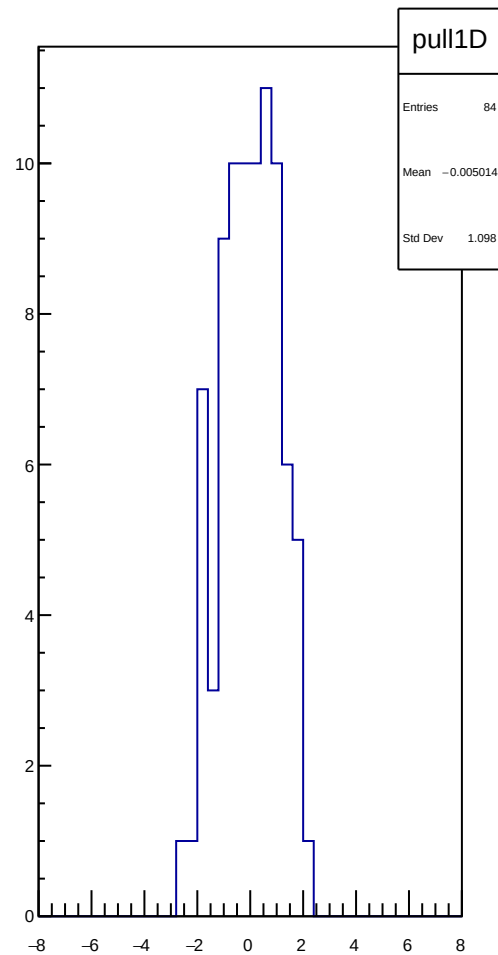
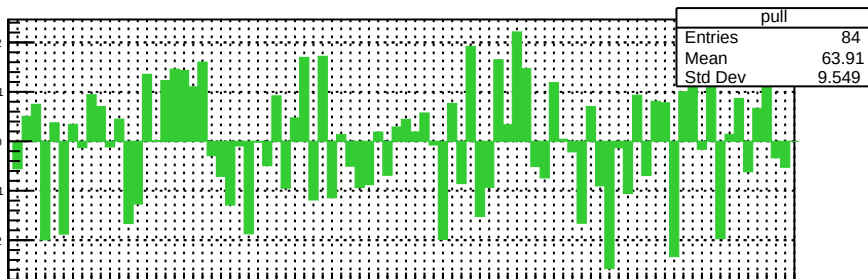
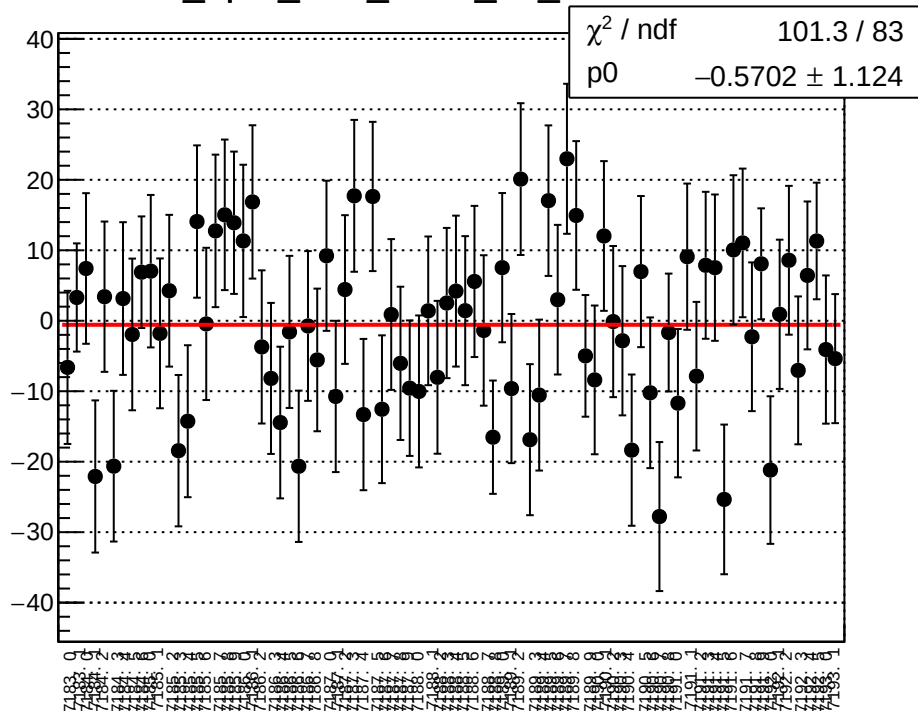
diff_bpm_4aY_4acY_avg_mean vs run



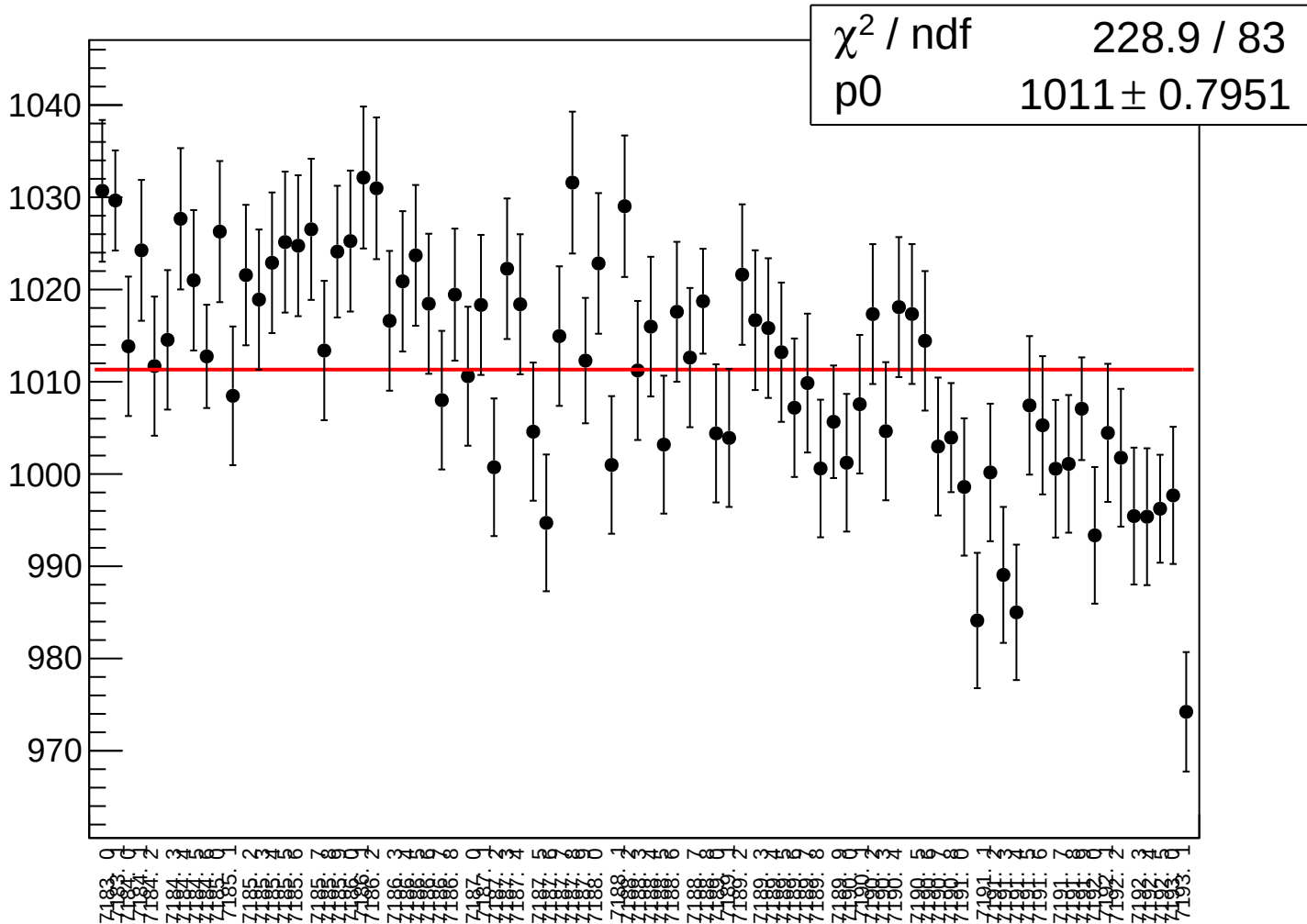
diff_bpm_4aY_4acY_avg_rms vs run



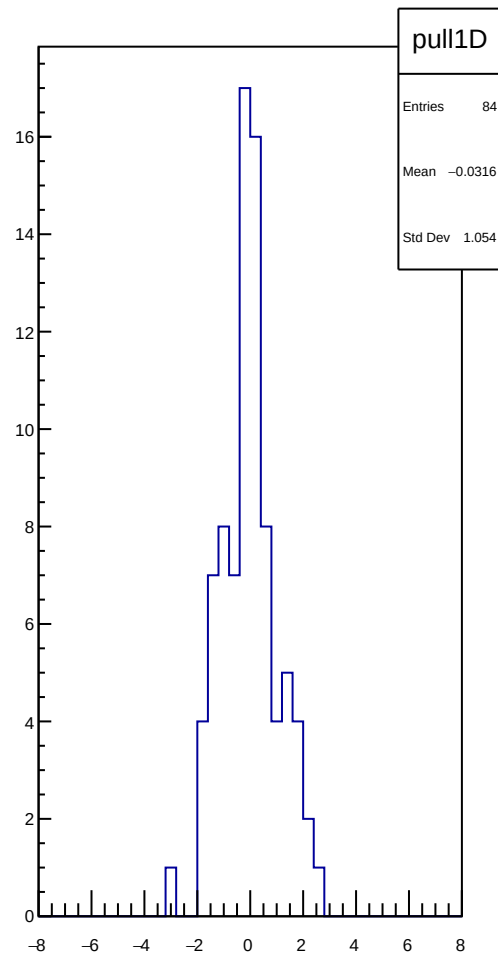
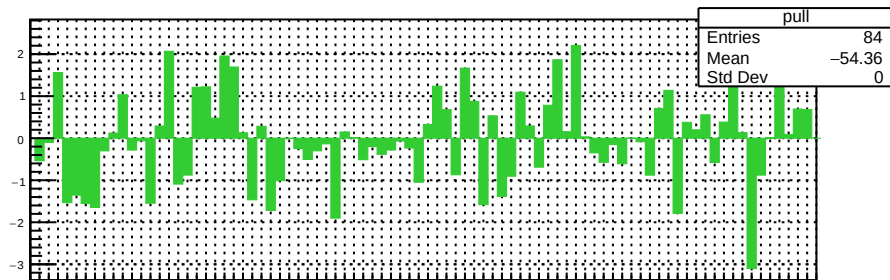
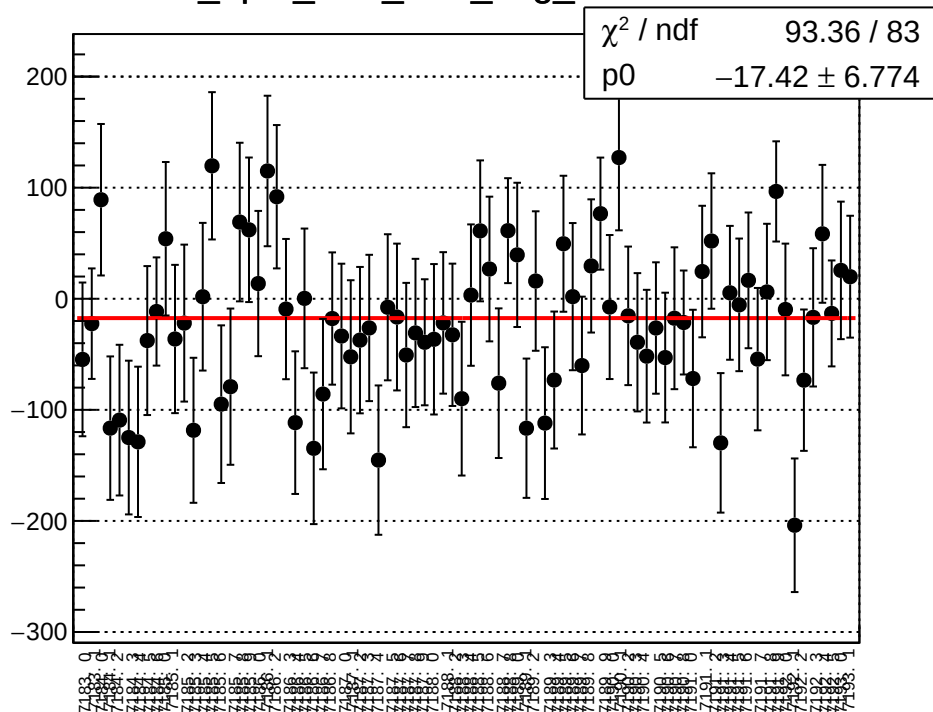
diff_bpm_4aY_4acY_dd_mean vs run



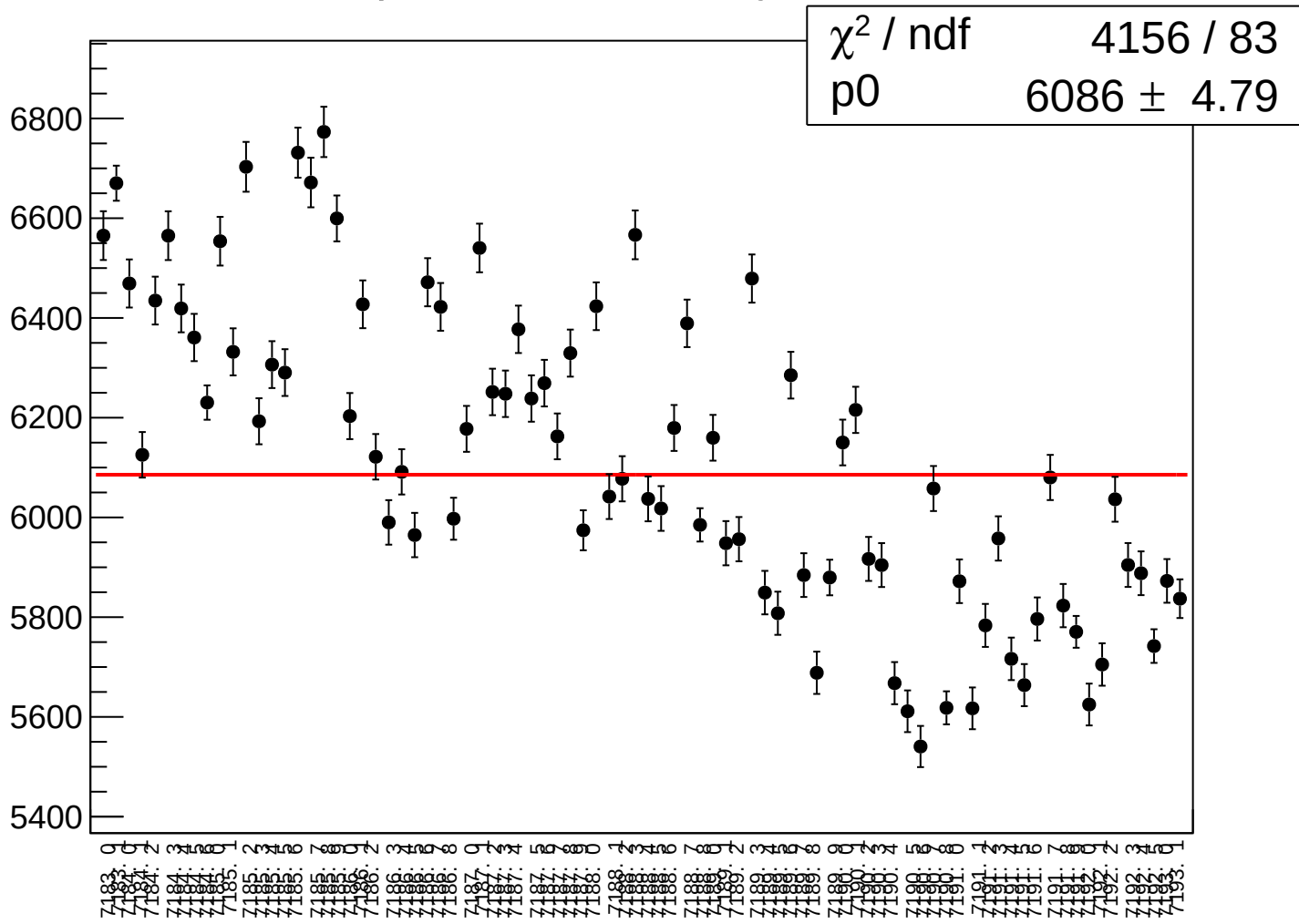
diff_bpm_4aY_4acY_dd_rms vs run



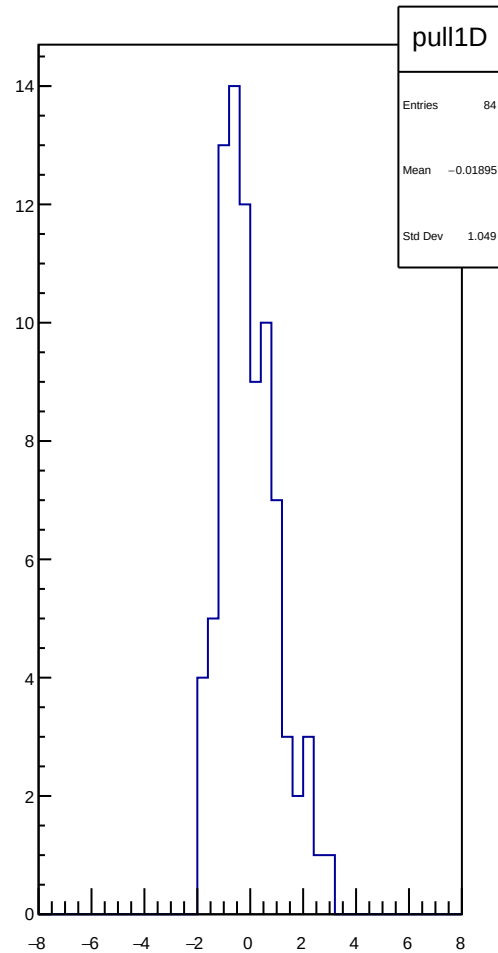
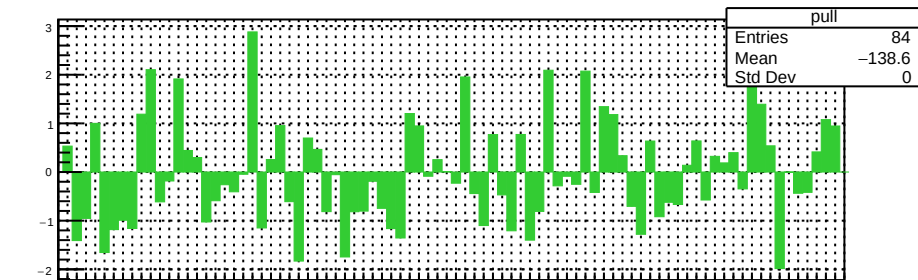
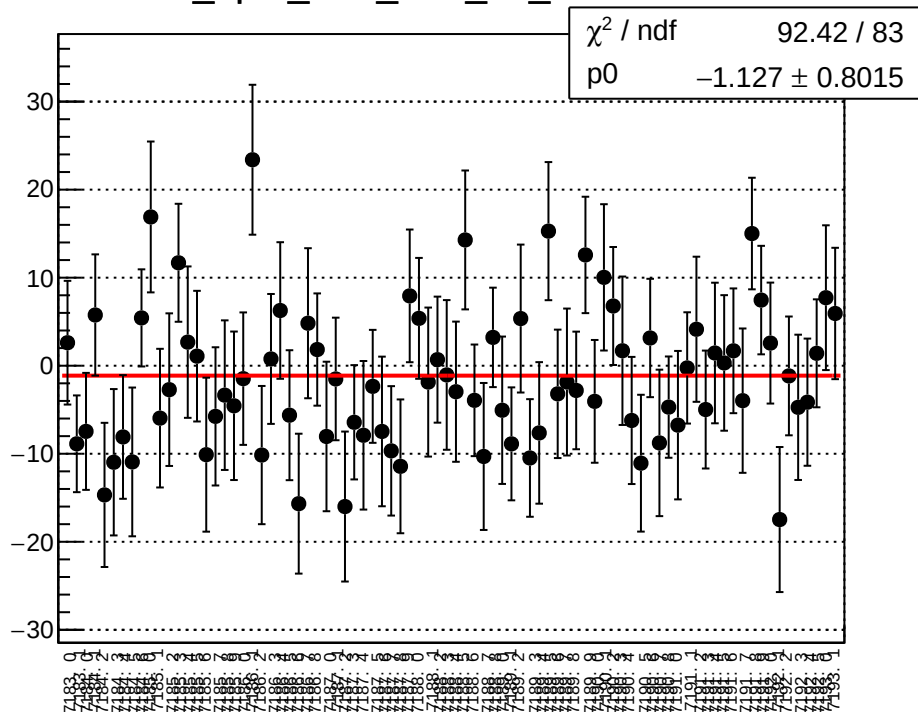
diff_bpm_4aY_4eY_avg_mean vs run



diff_bpm_4aY_4eY_avg_rms vs run

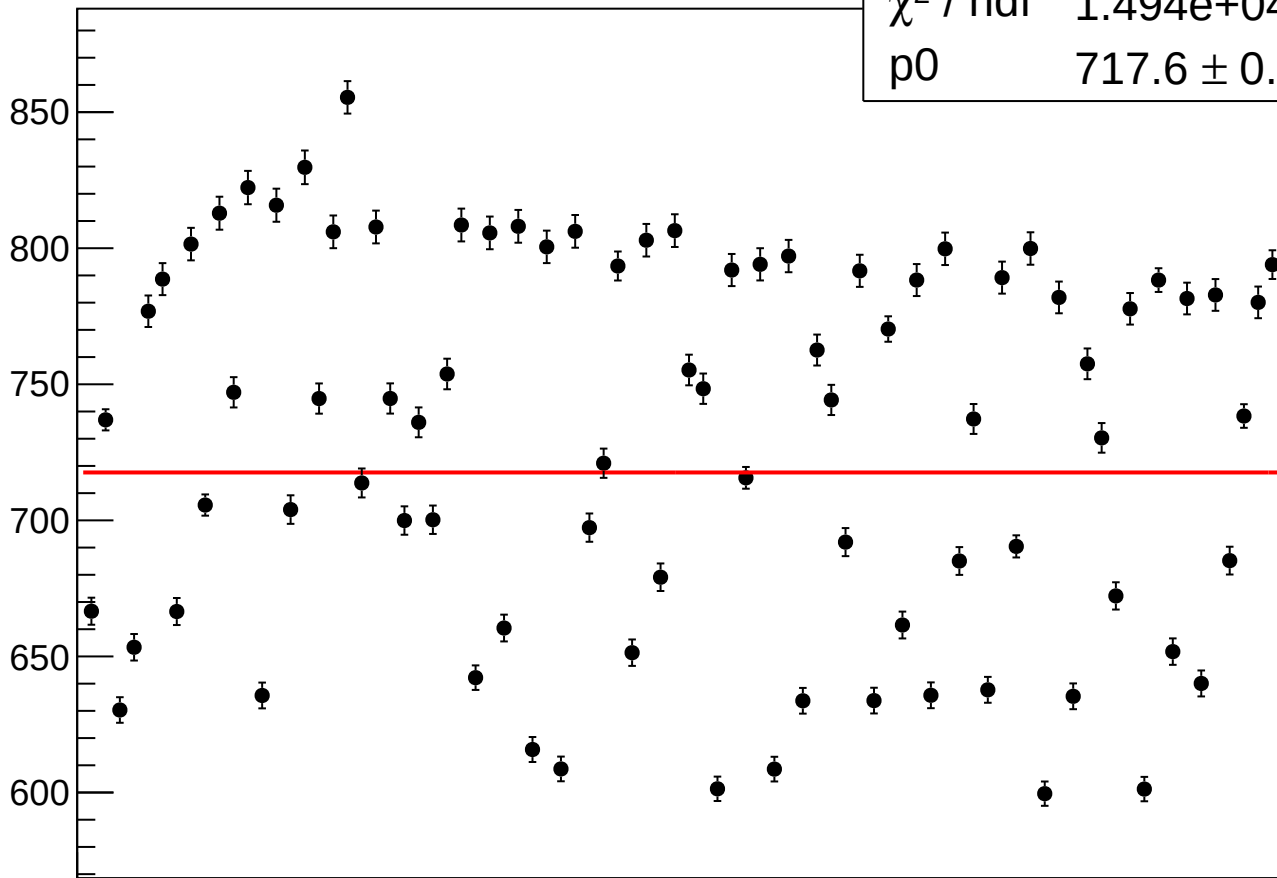


diff_bpm_4aY_4eY_dd_mean vs run



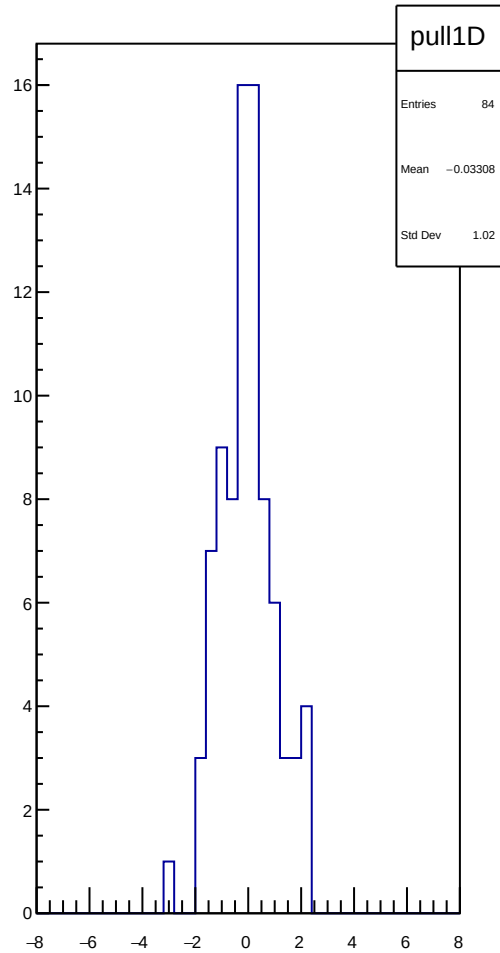
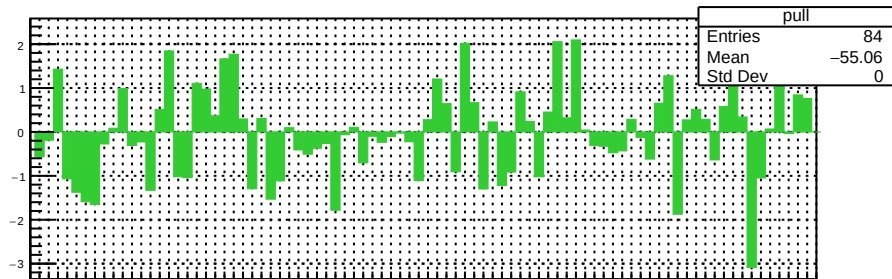
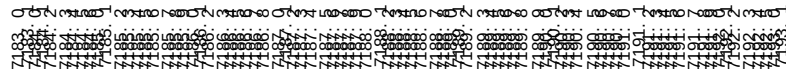
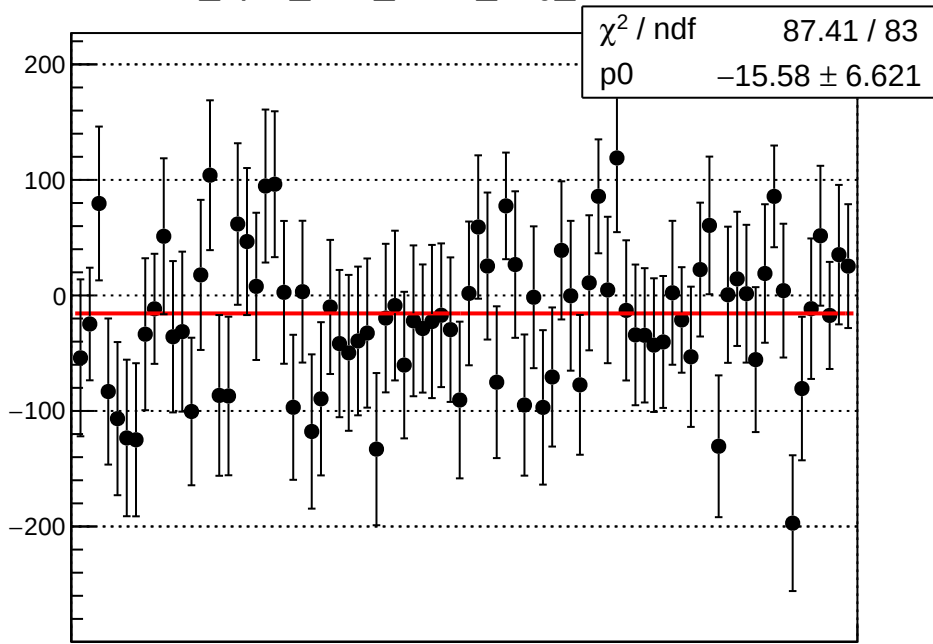
diff_bpm_4aY_4eY_dd_rms vs run

χ^2 / ndf 1.494e+04 / 83
p0 717.6 $\pm$ 0.5667

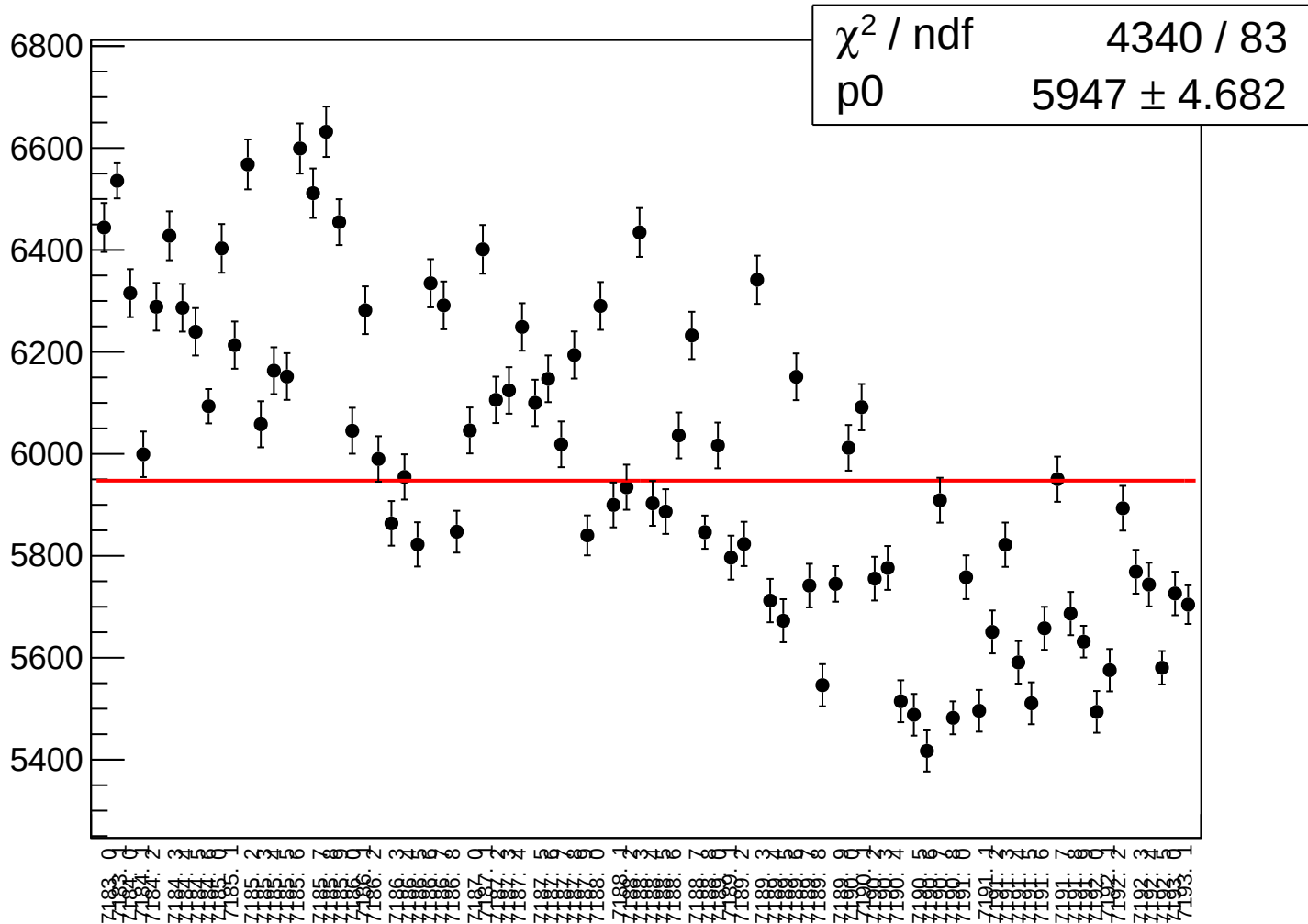


run 74117 74118 74119 74120 74121 74122 74123 74124 74125 74126 74127 74128 74129 74130 74131 74132 74133 74134 74135 74136 74137 74138 74139 74140 74141 74142 74143 74144 74145 74146 74147 74148 74149 74150 74151 74152 74153 74154 74155 74156 74157 74158 74159 74160 74161 74162 74163 74164 74165 74166 74167 74168 74169 74170 74171 74172 74173 74174 74175 74176 74177 74178 74179 74180 74181 74182 74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

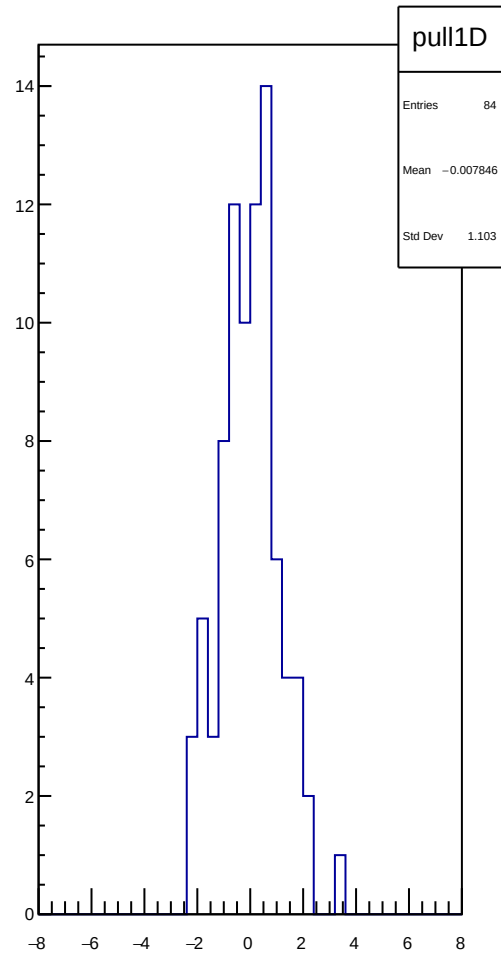
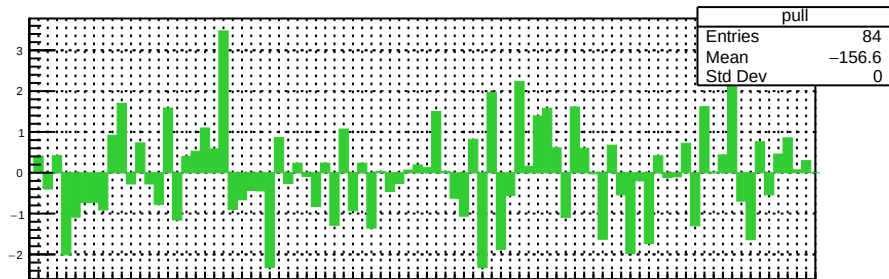
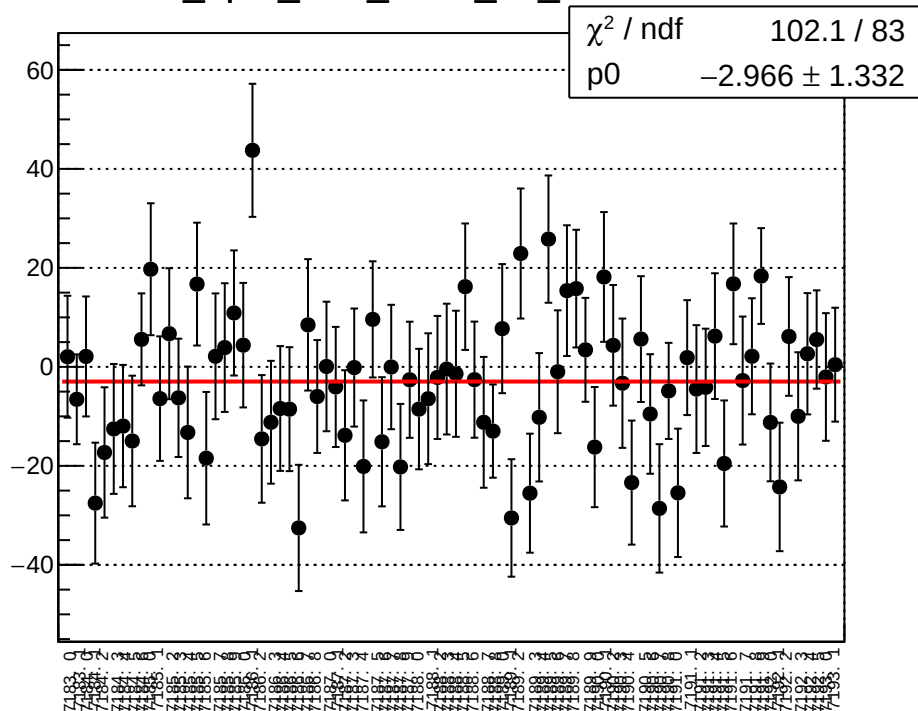
diff_bpm_4aY_4ecY_avg_mean vs run



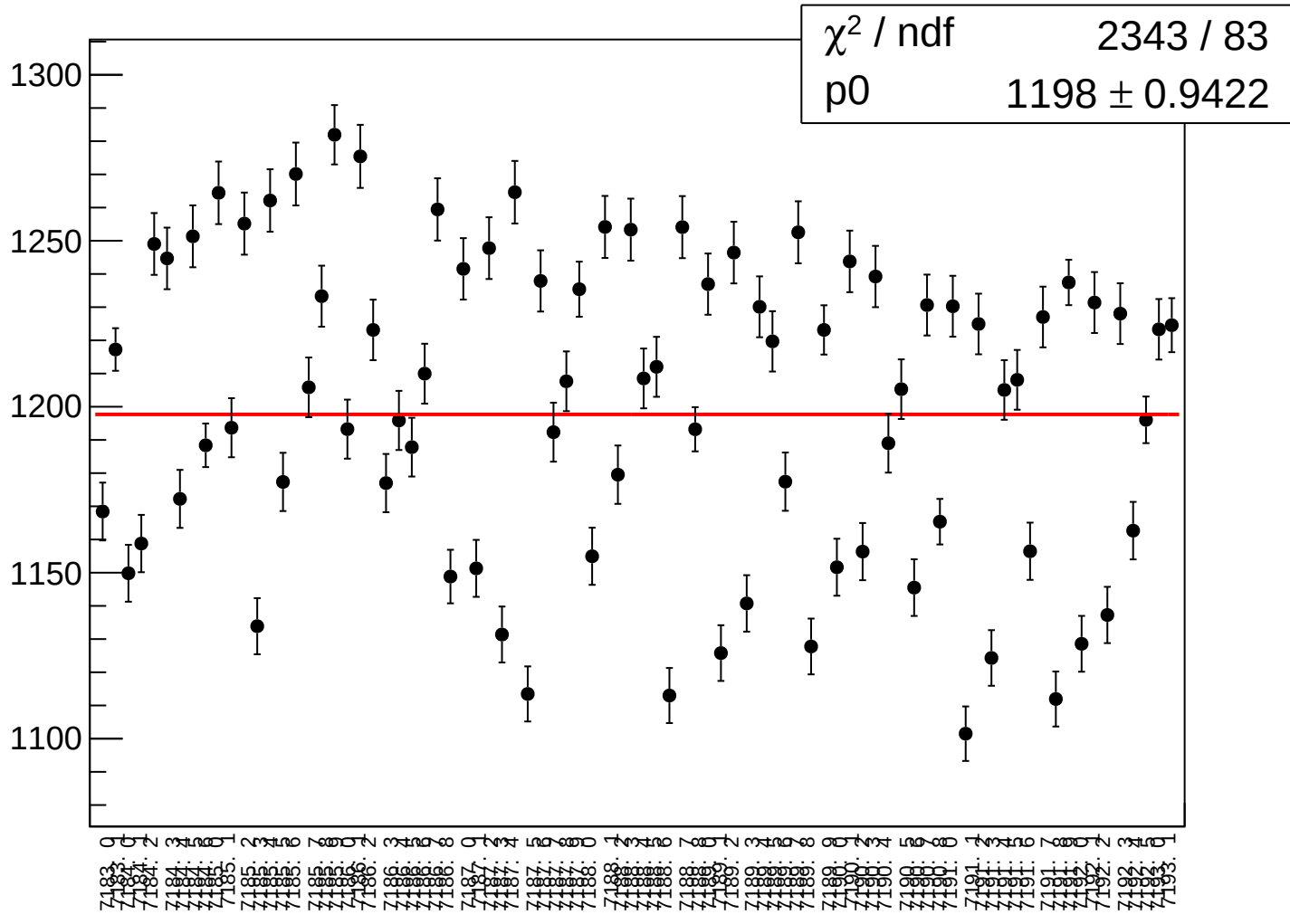
diff_bpm_4aY_4ecY_avg_rms vs run



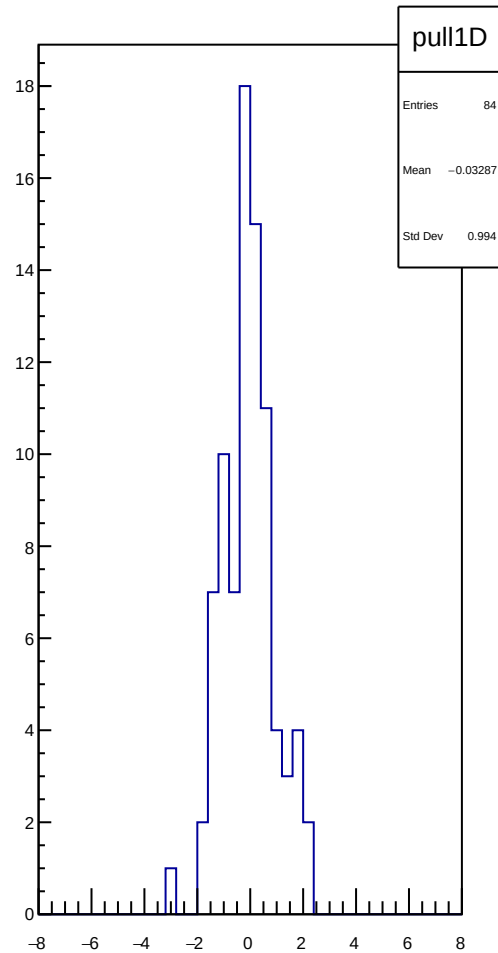
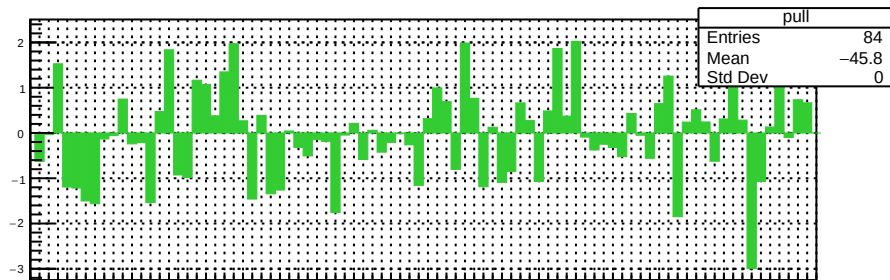
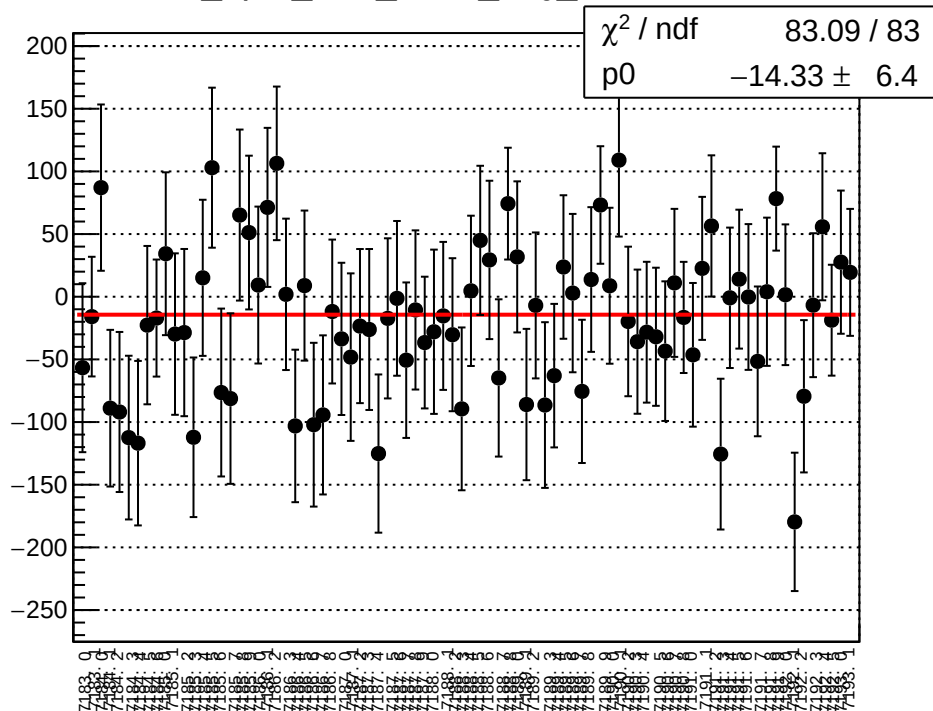
diff_bpm_4aY_4ecY_dd_mean vs run



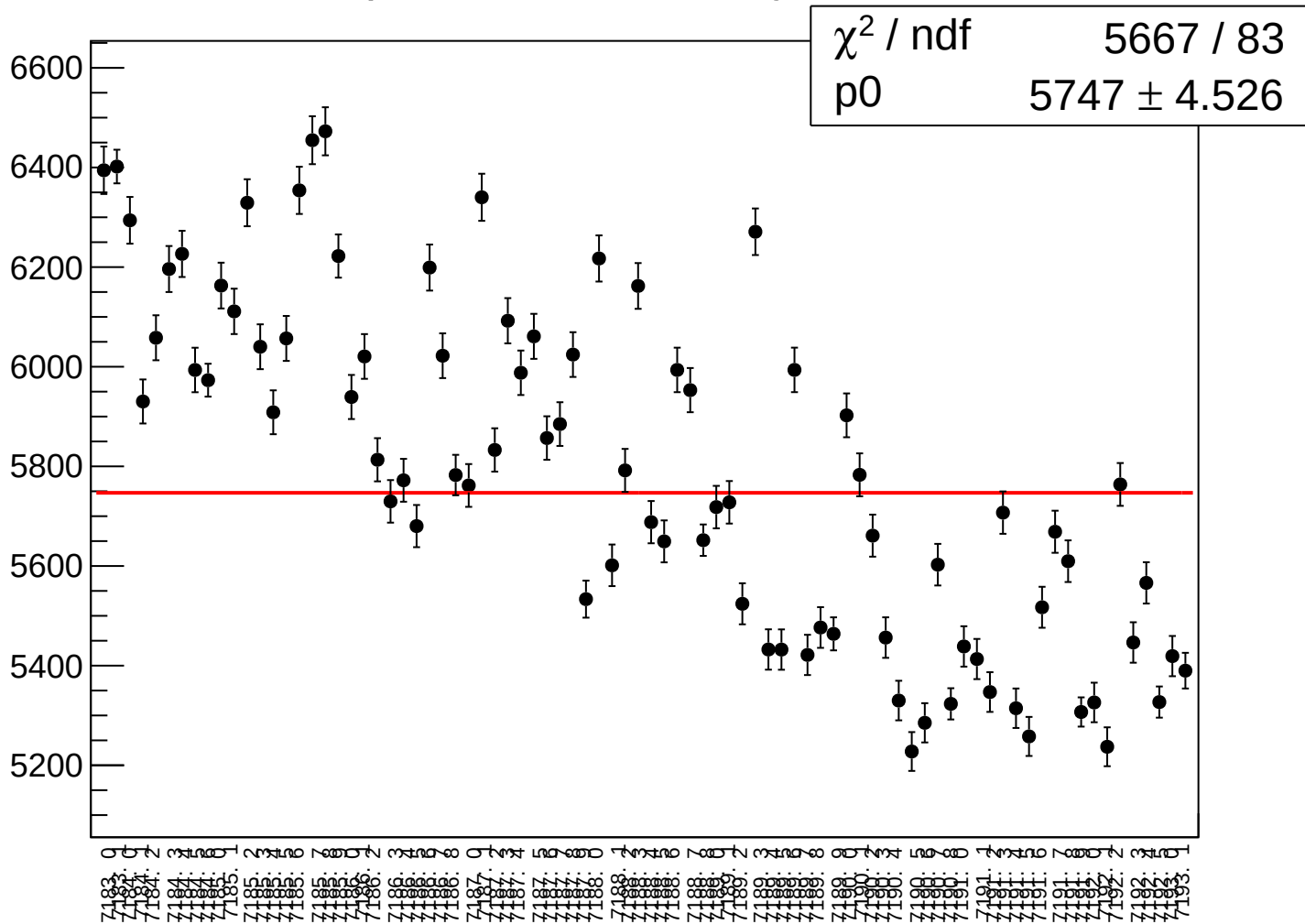
diff_bpm_4aY_4ecY_dd_rms vs run



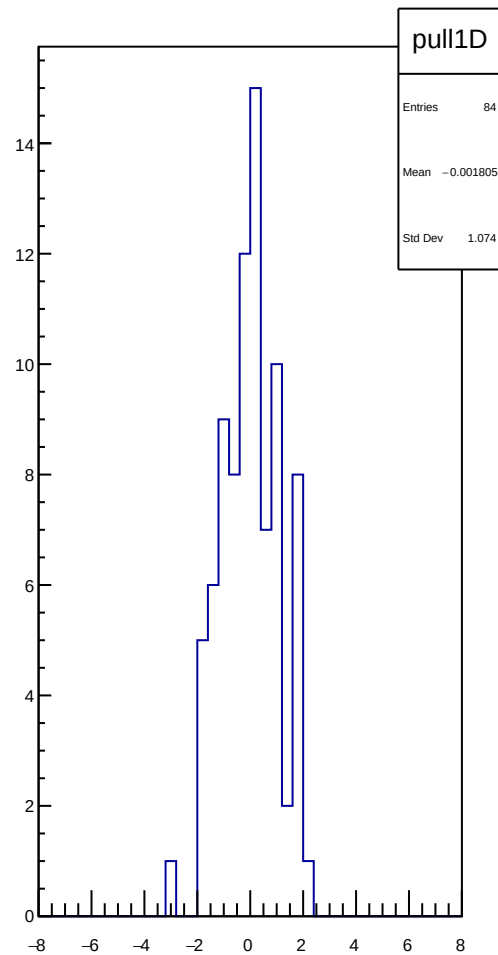
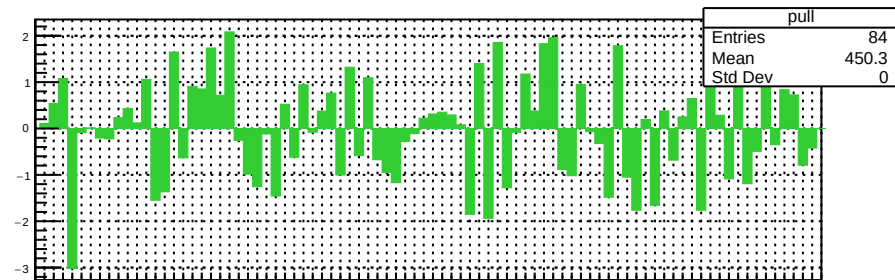
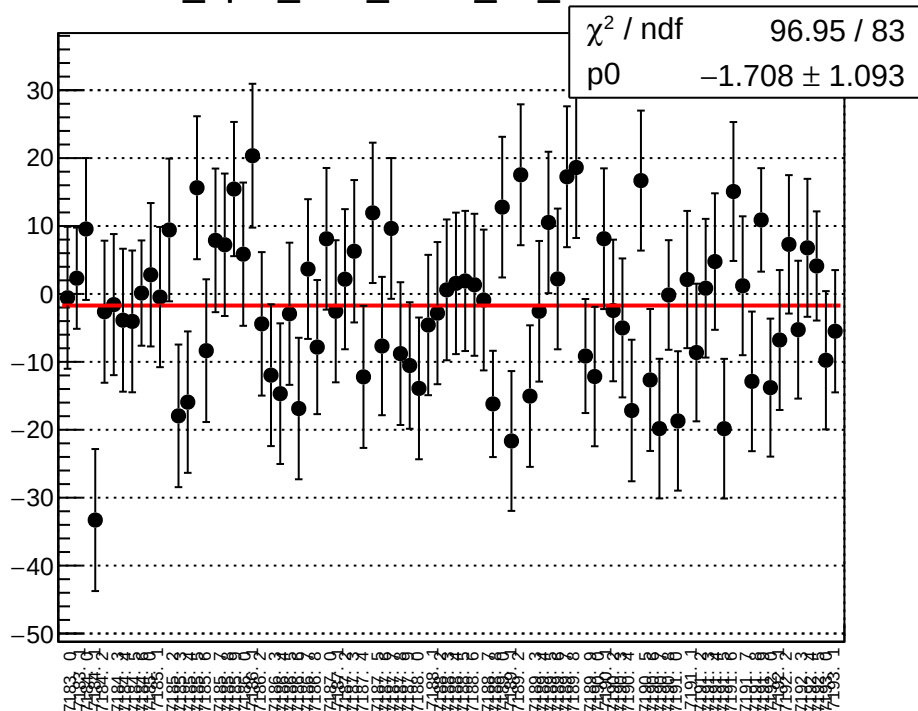
diff_bpm_4eY_4ecY_avg_mean vs run



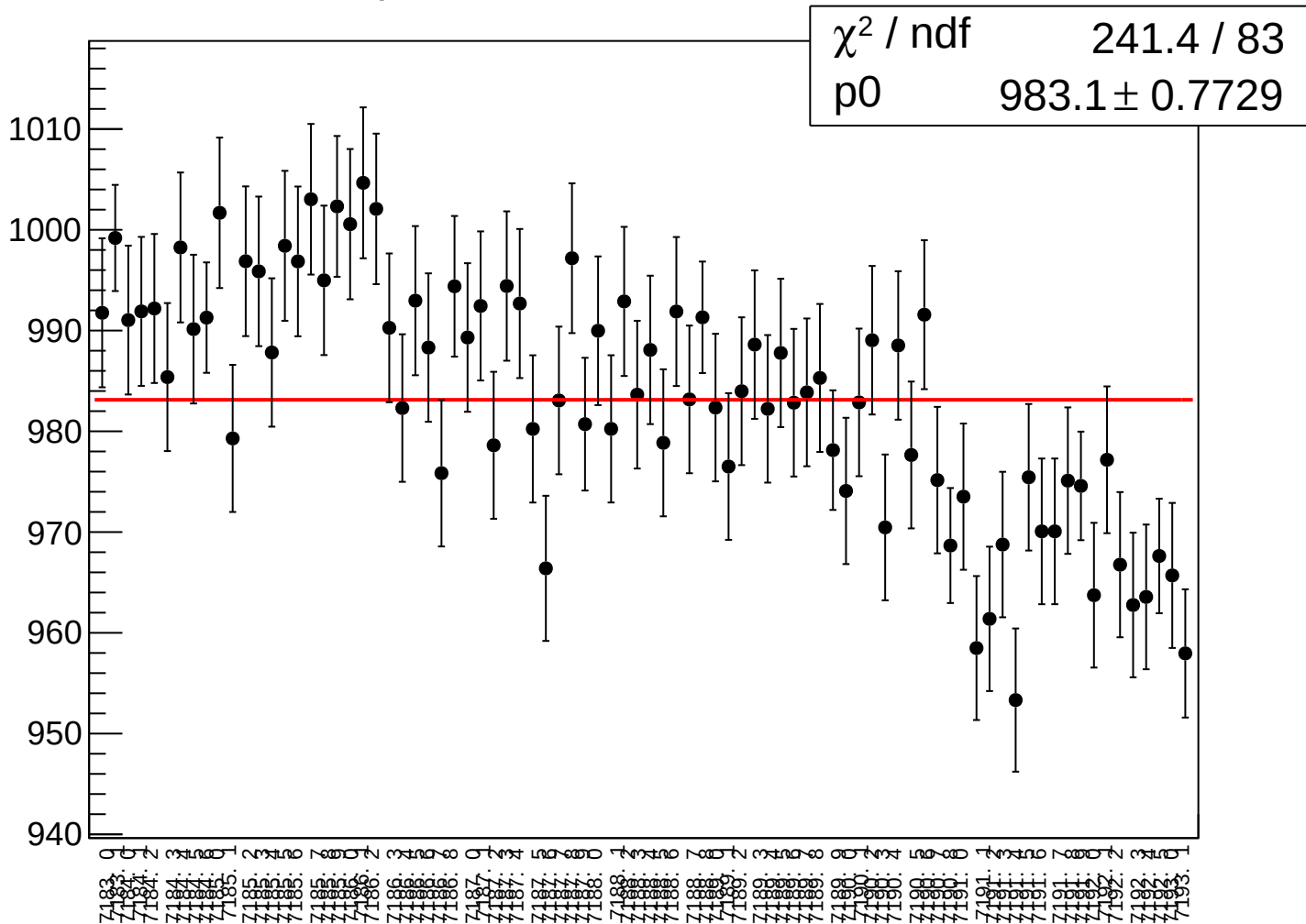
diff_bpm_4eY_4ecY_avg_rms vs run



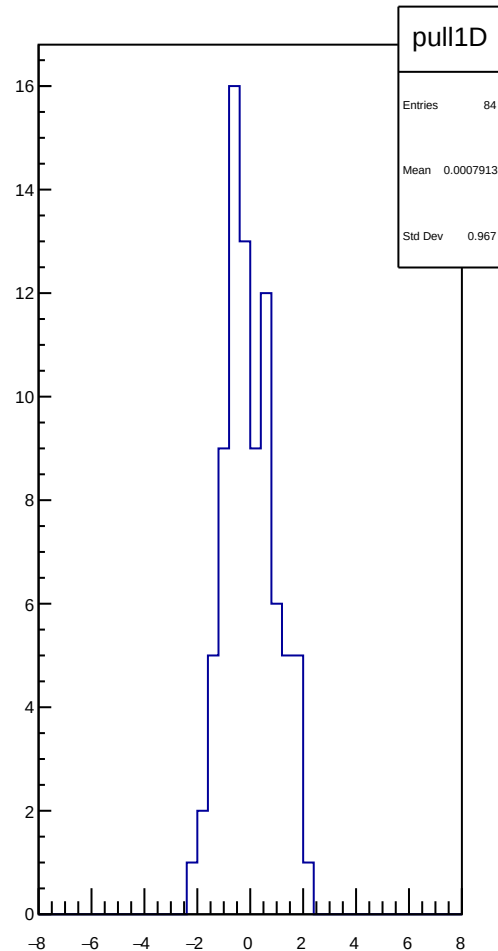
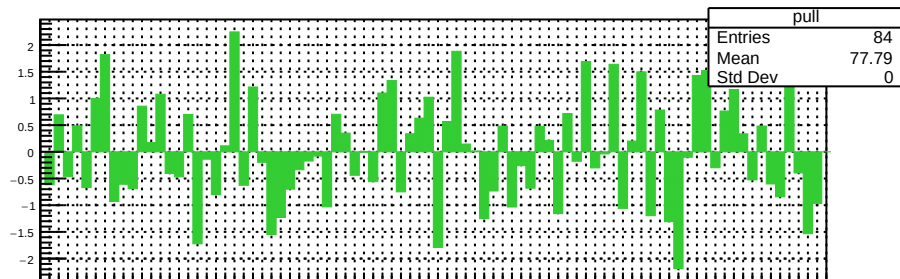
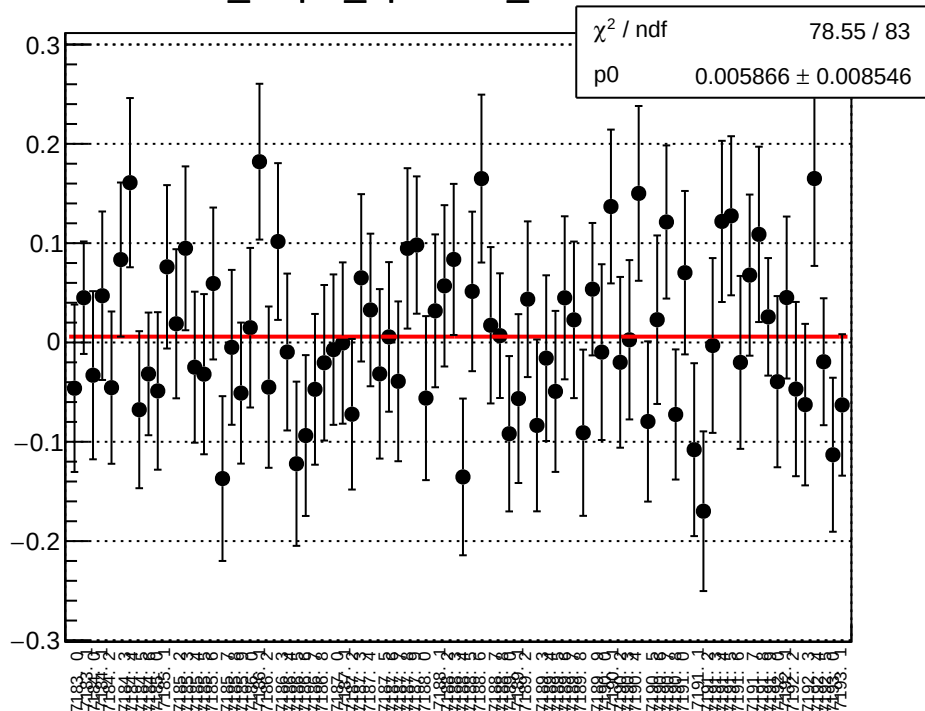
diff_bpm_4eY_4ecY_dd_mean vs run



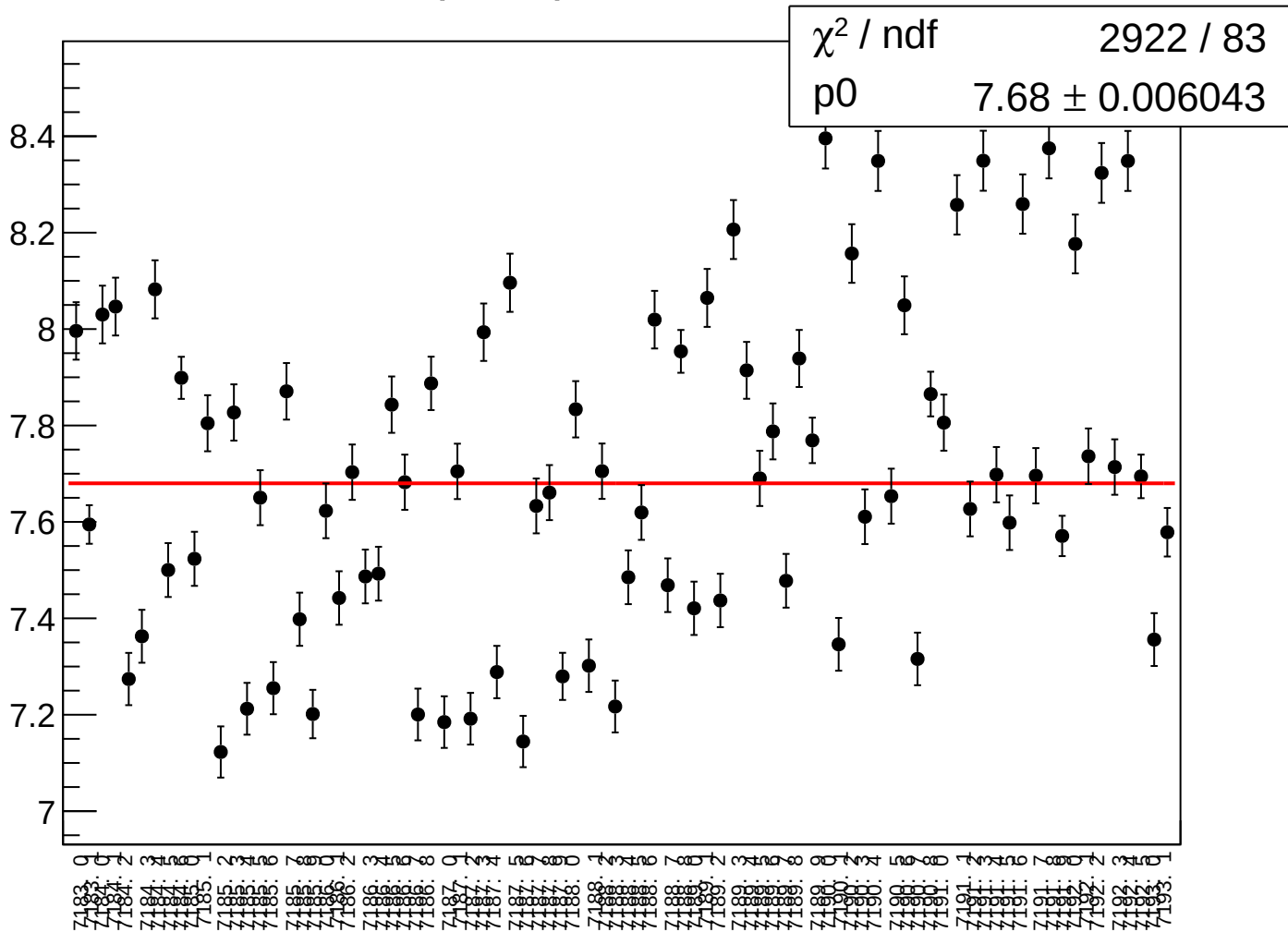
diff_bpm_4eY_4ecY_dd_rms vs run



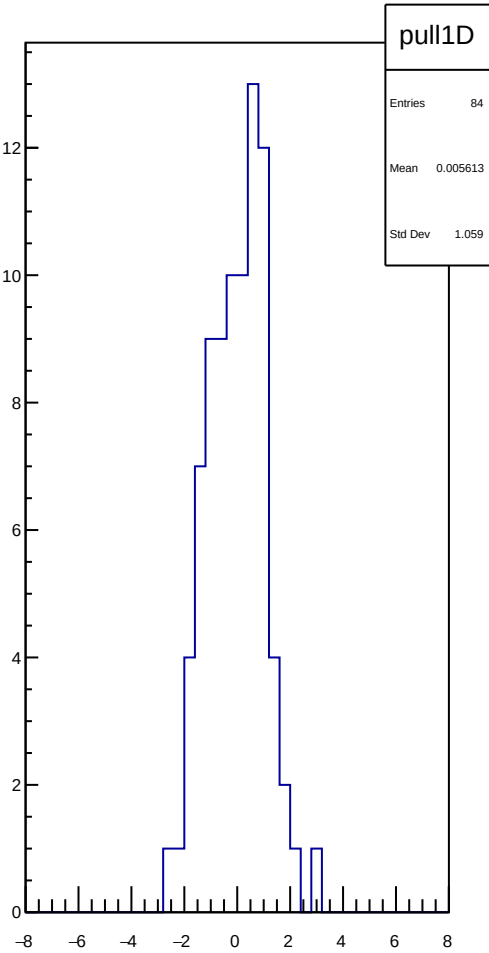
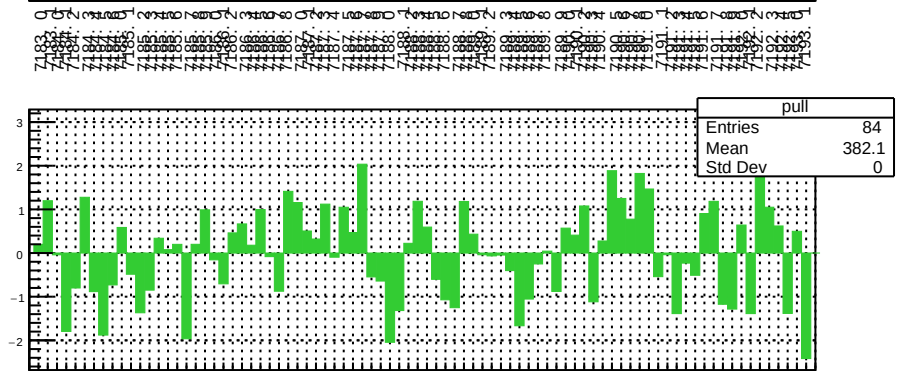
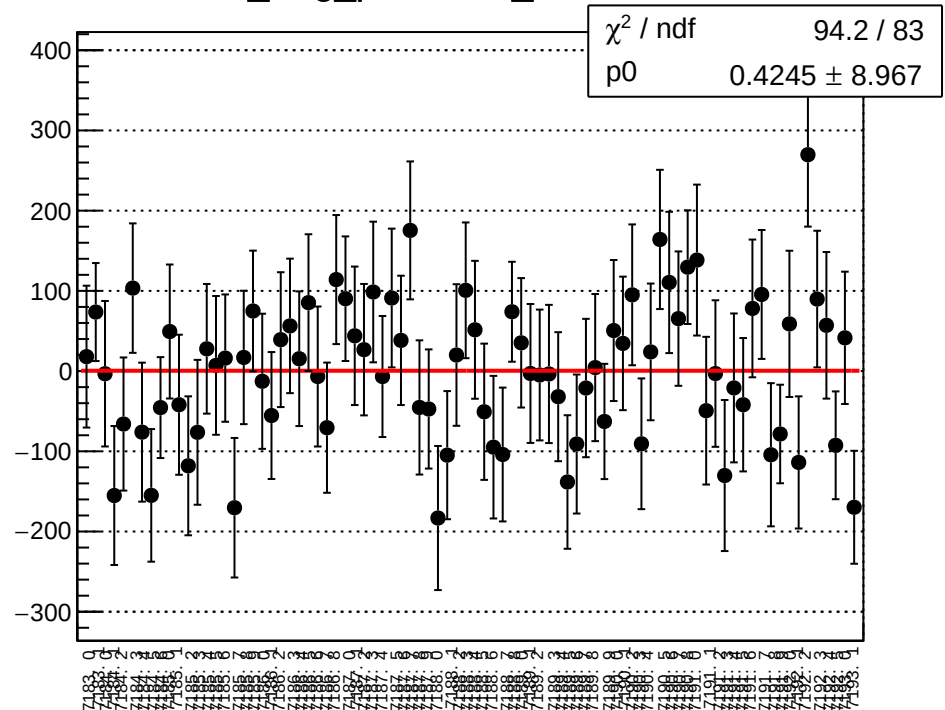
diff_dispE_bpm12X_mean vs run



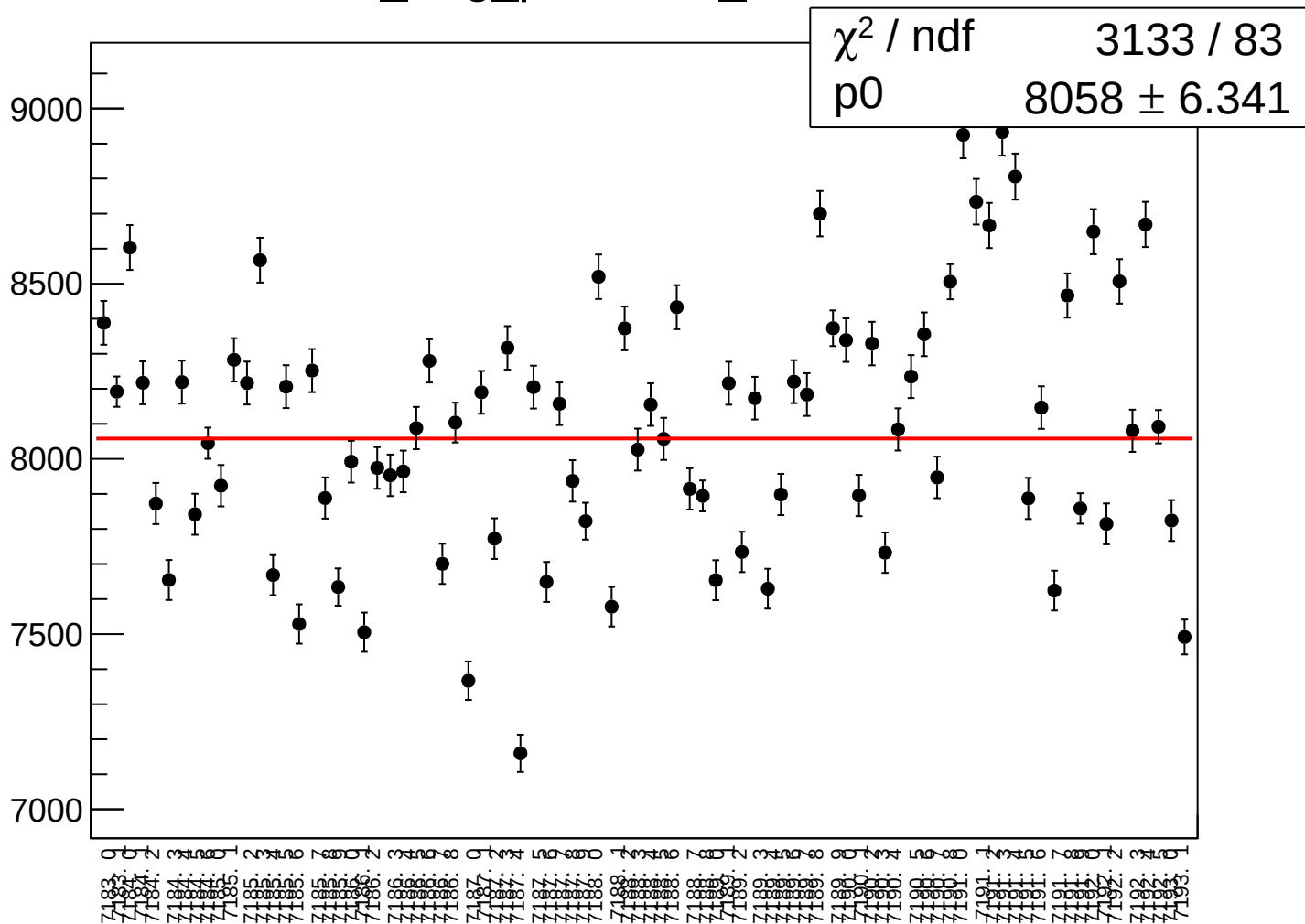
diff_dispE_bpm12X_rms vs run



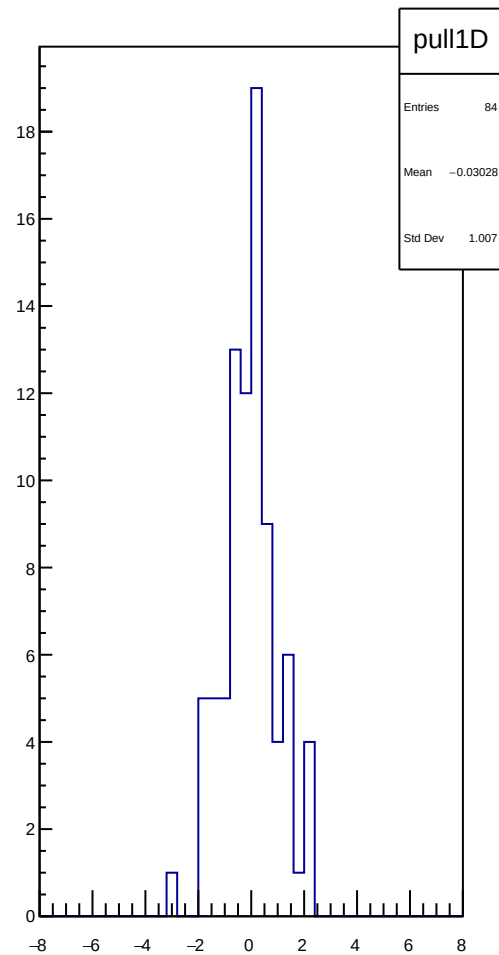
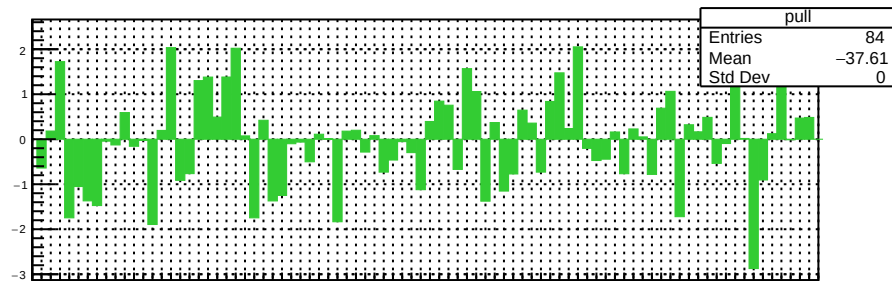
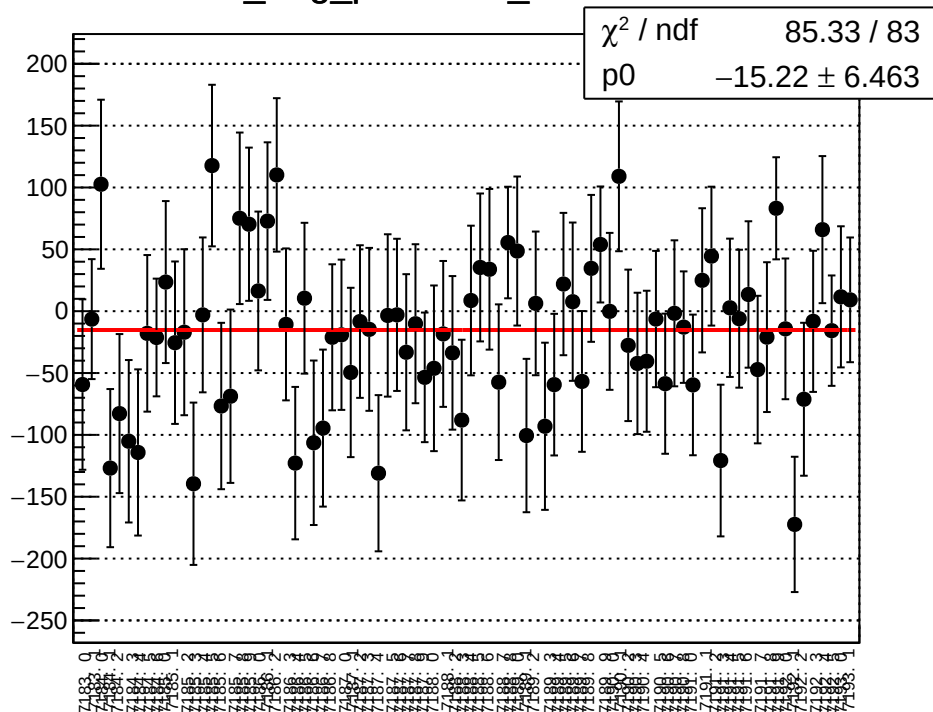
diff_targ_positionX_mean vs run



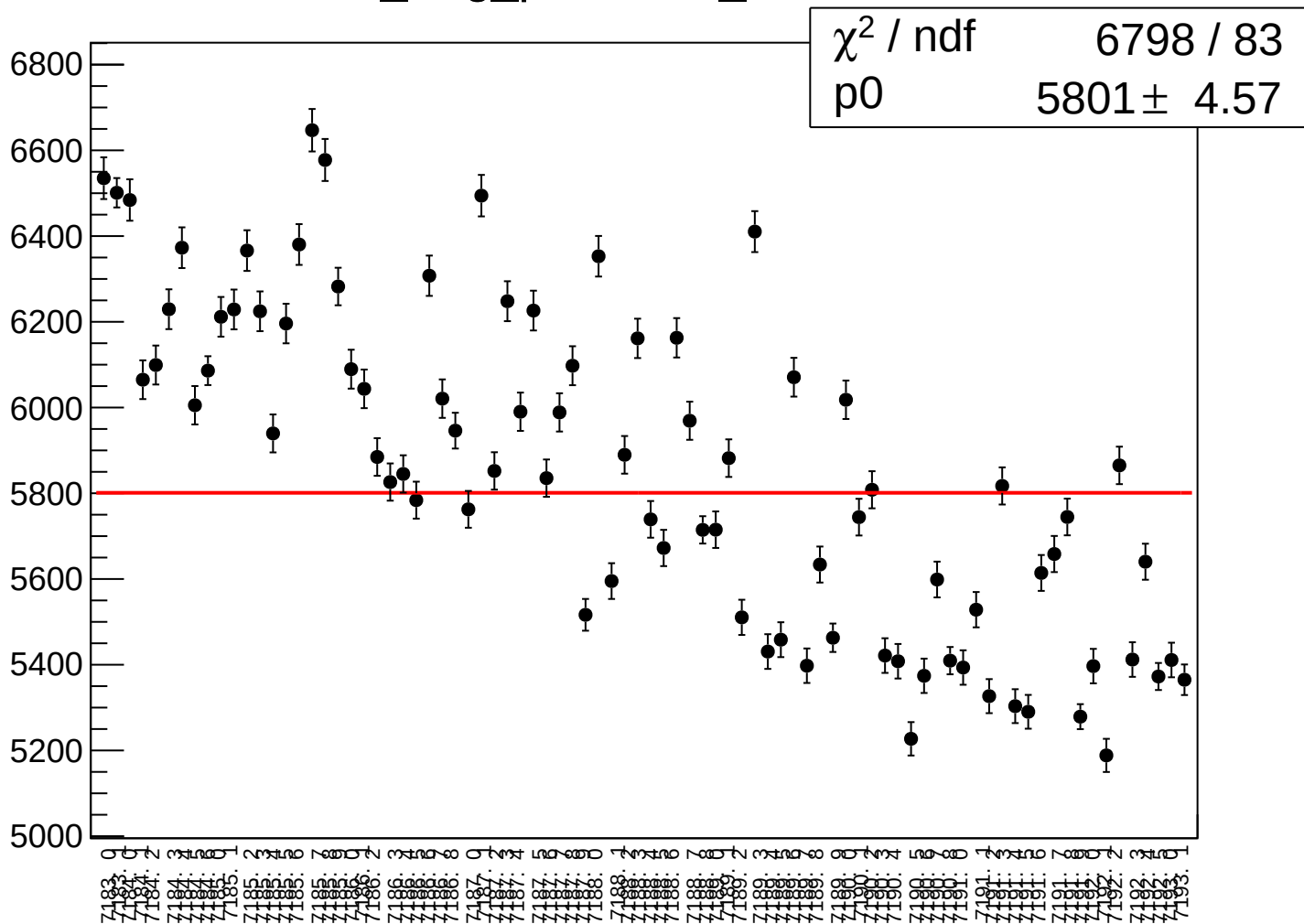
diff_targ_positionX_rms vs run



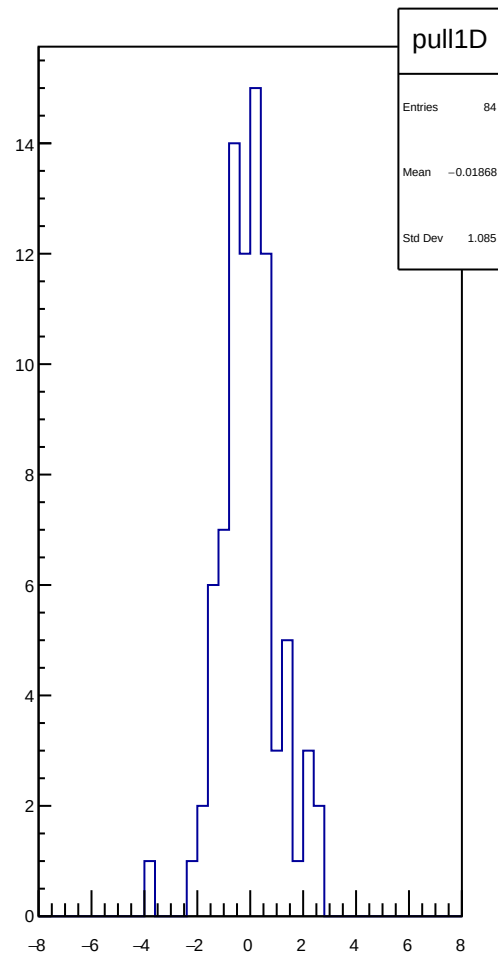
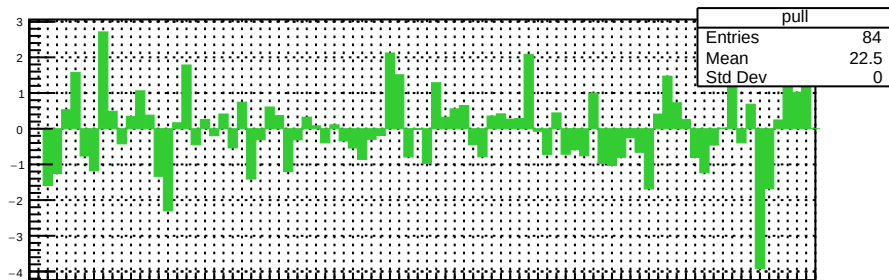
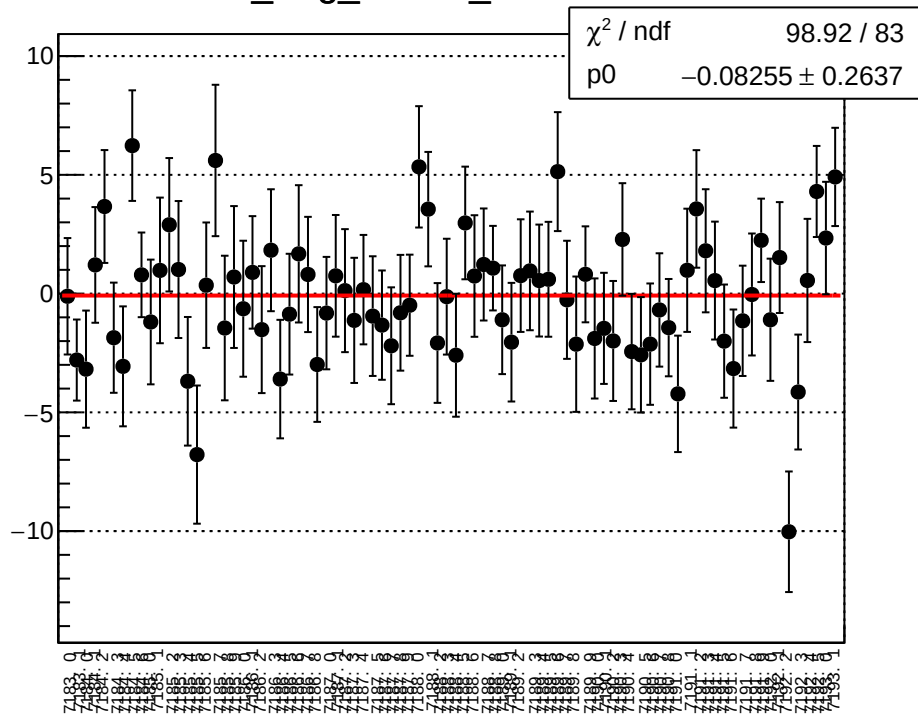
diff_targ_positionY_mean vs run



diff_targ_positionY_rms vs run



diff_targ_thetaX_mean vs run



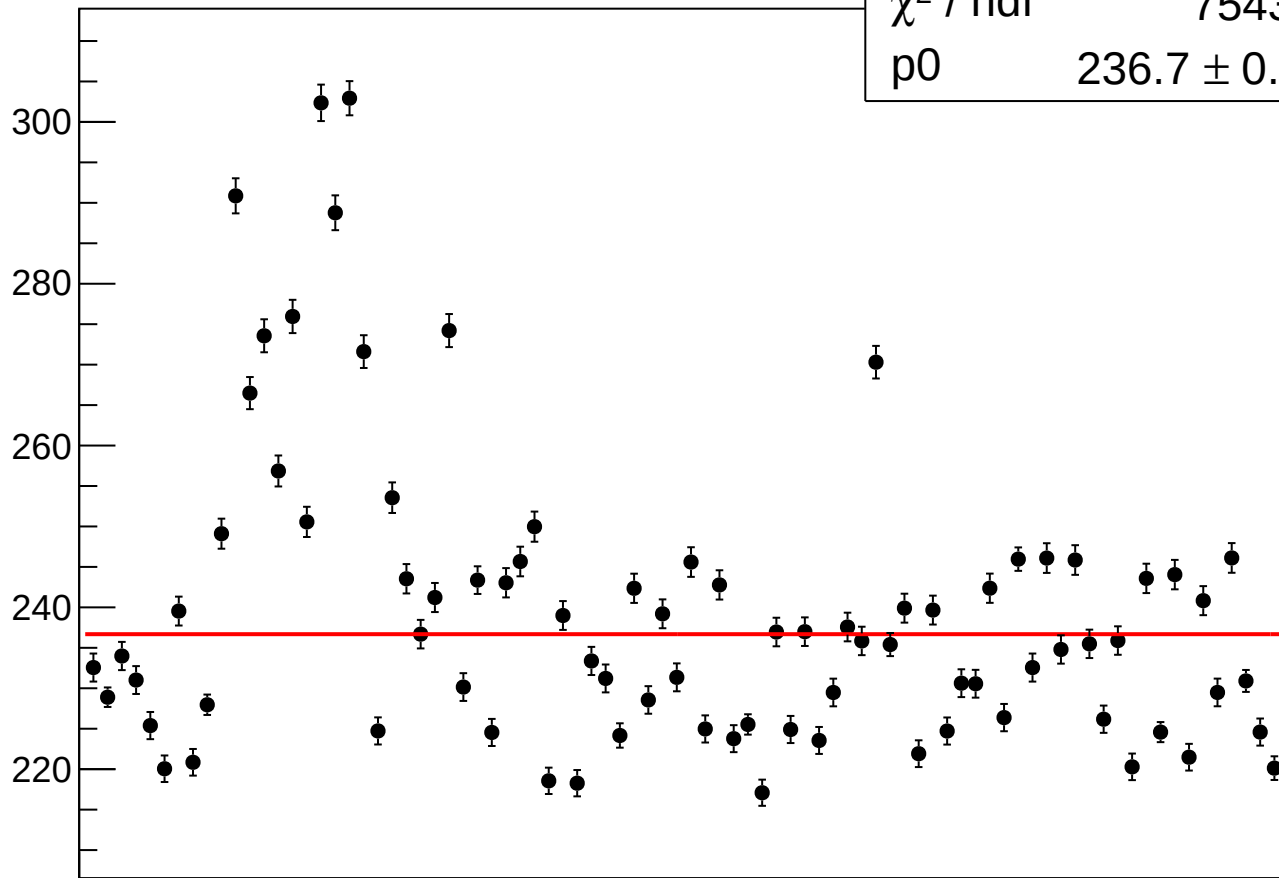
diff_targ_thetaX_rms vs run

χ^2 / ndf

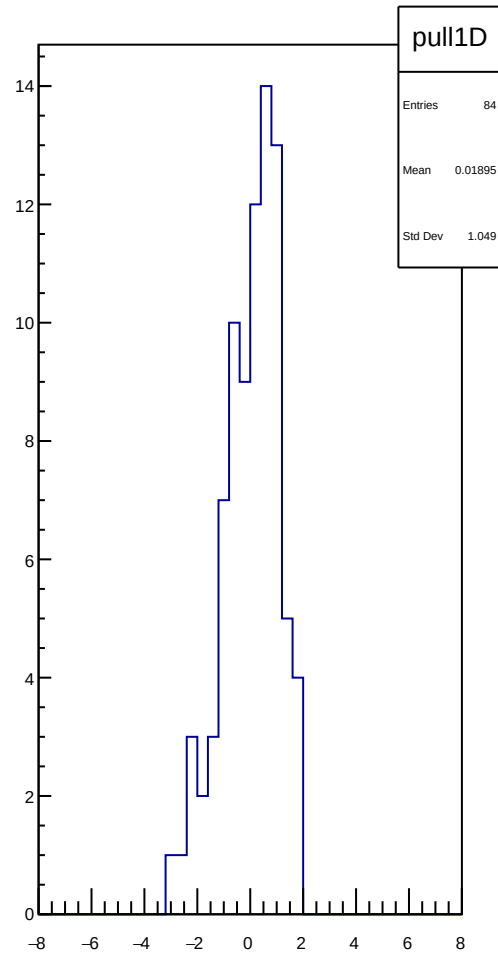
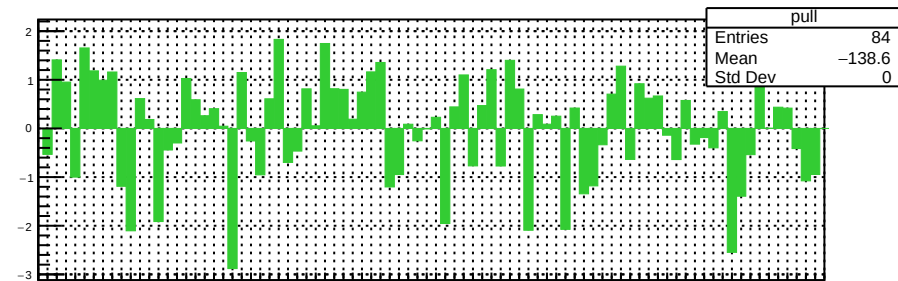
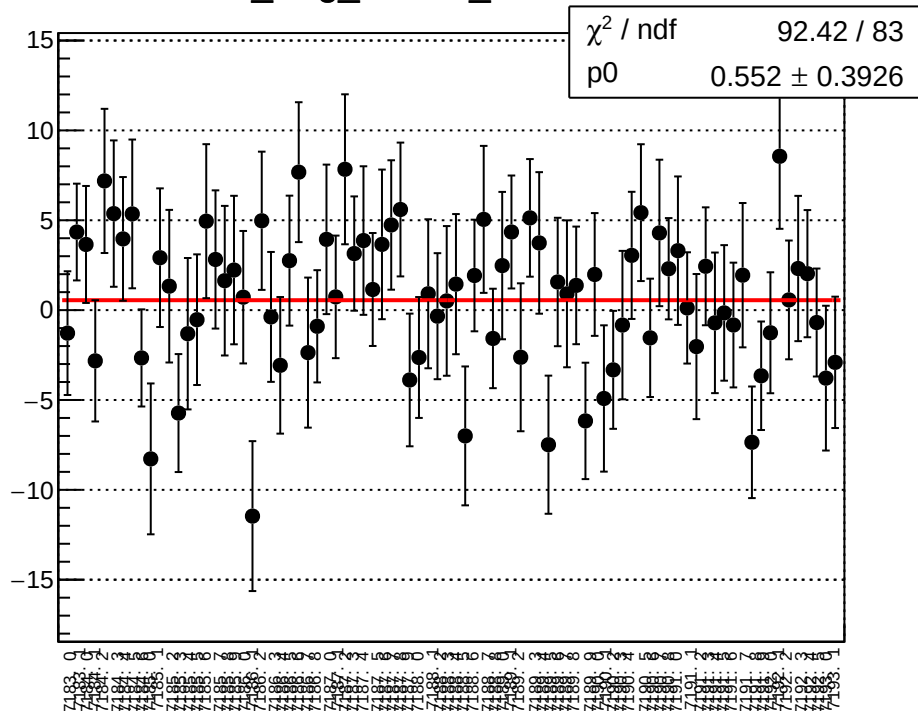
7543 / 83

p0

236.7 ± 0.1865

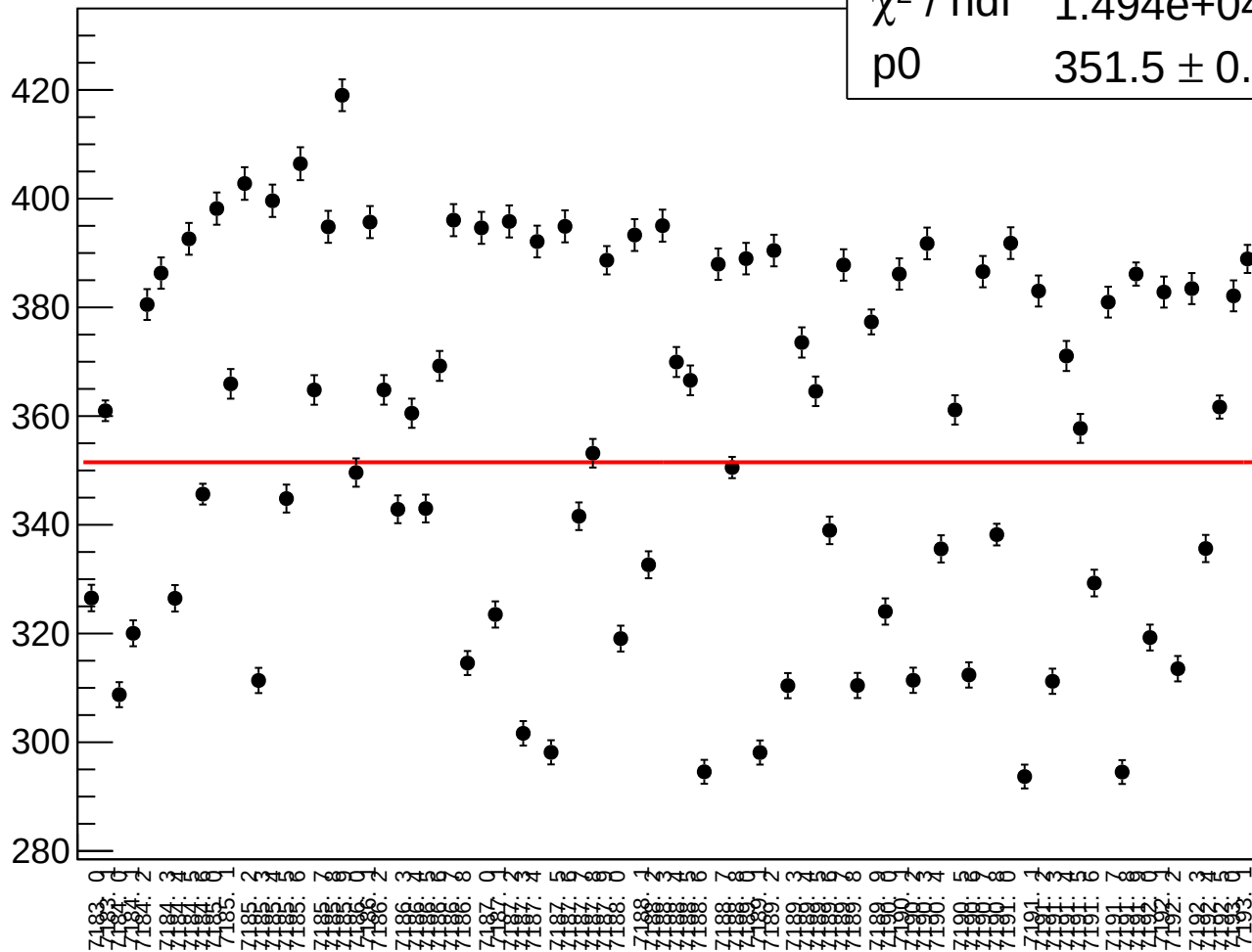


diff_targ_thetaY_mean vs run

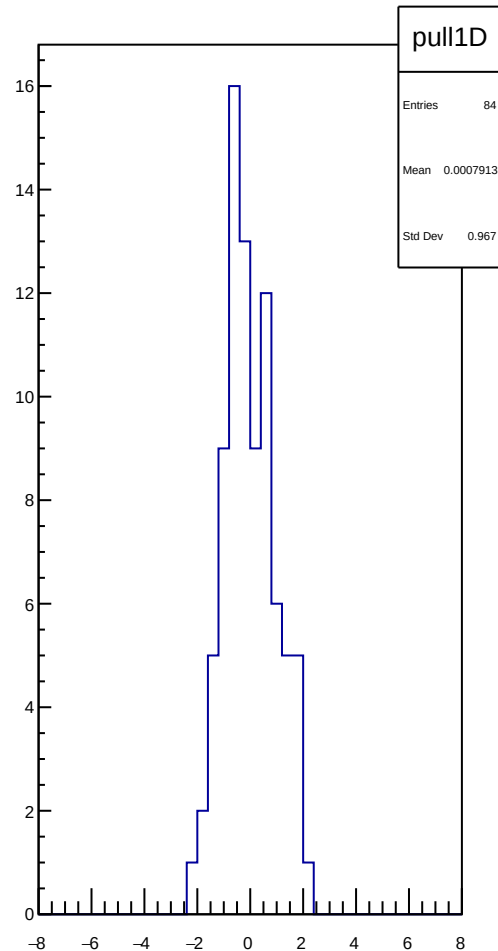
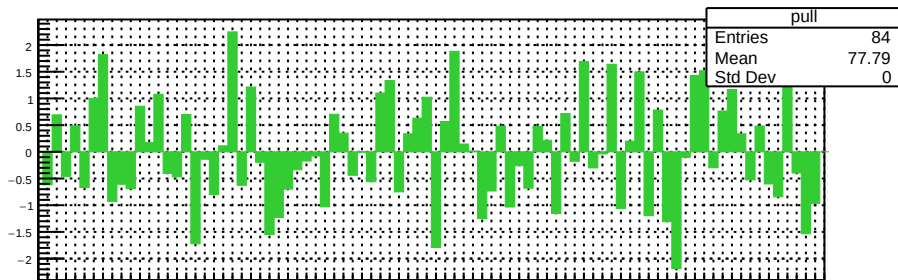
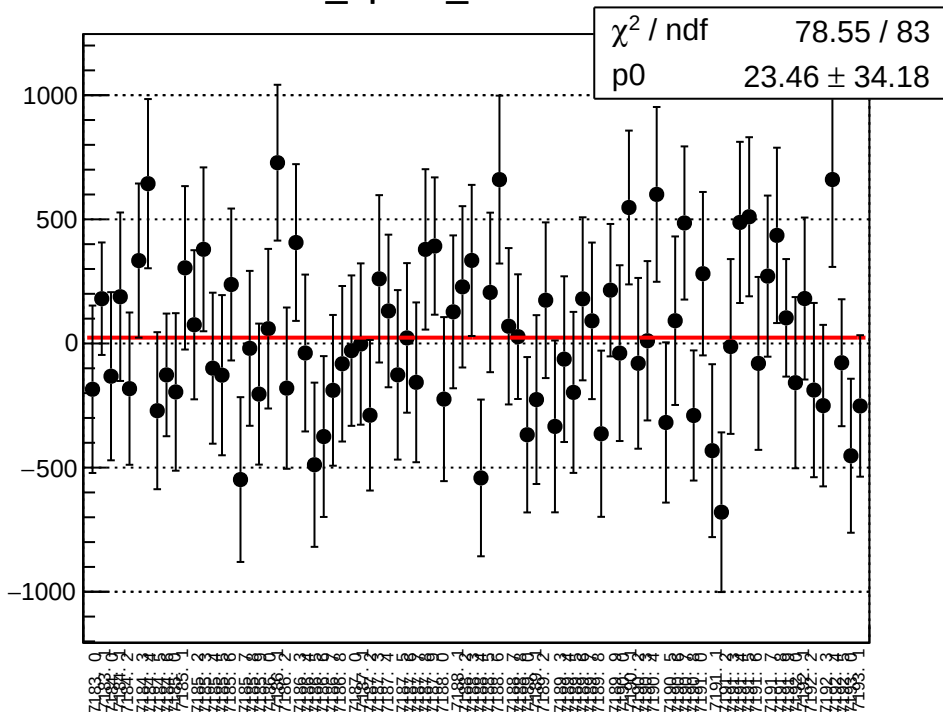


diff_targ_thetaY_rms vs run

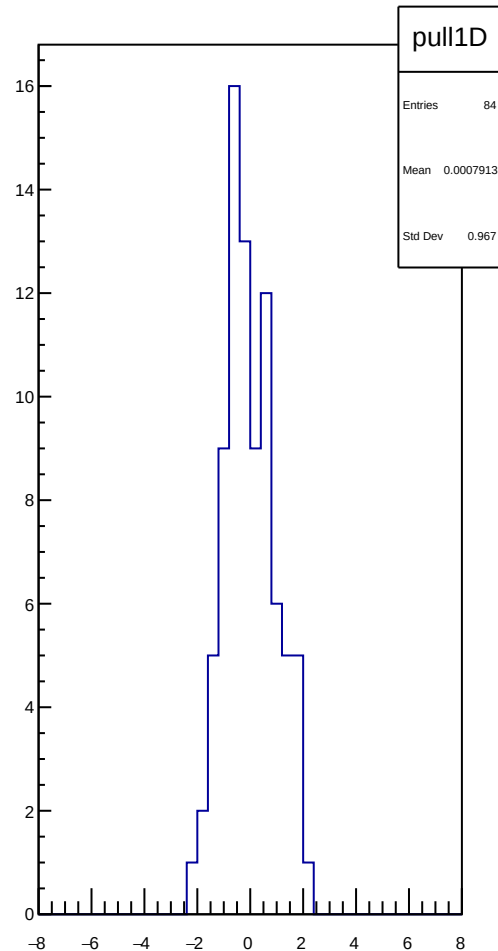
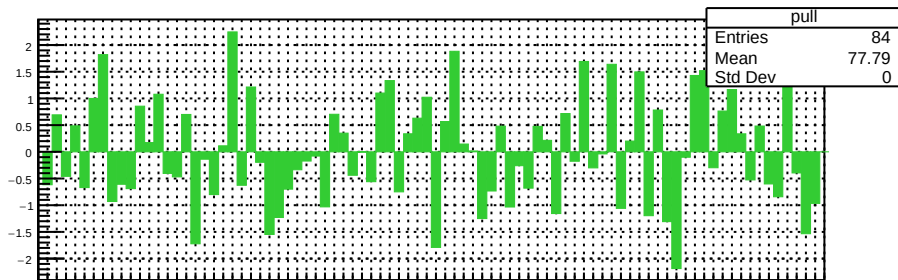
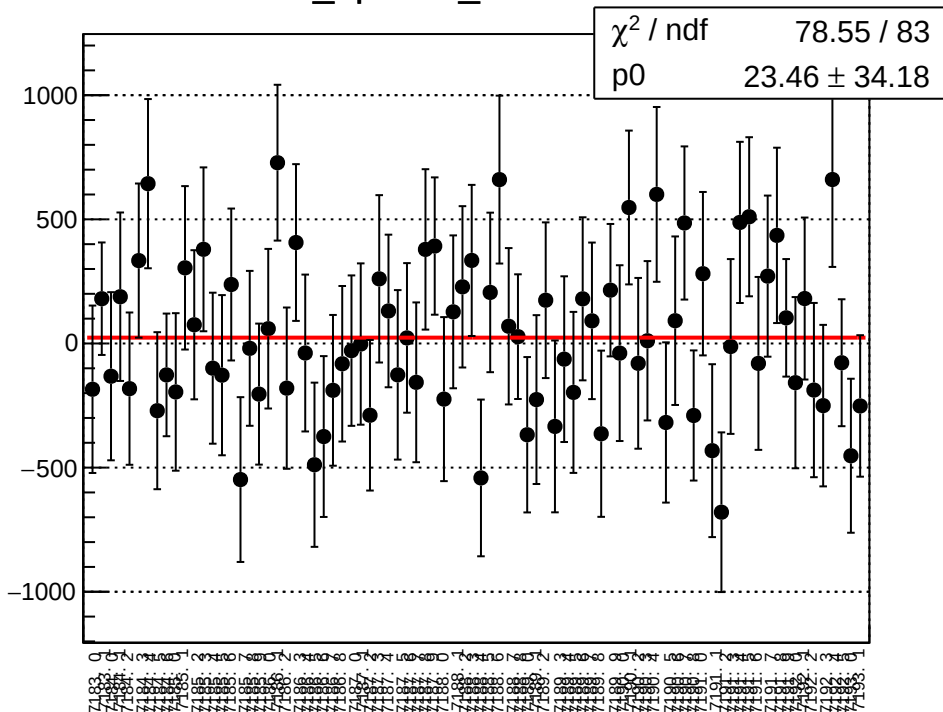
χ^2 / ndf 1.494e+04 / 83
p0 351.5 $\pm$ 0.2776



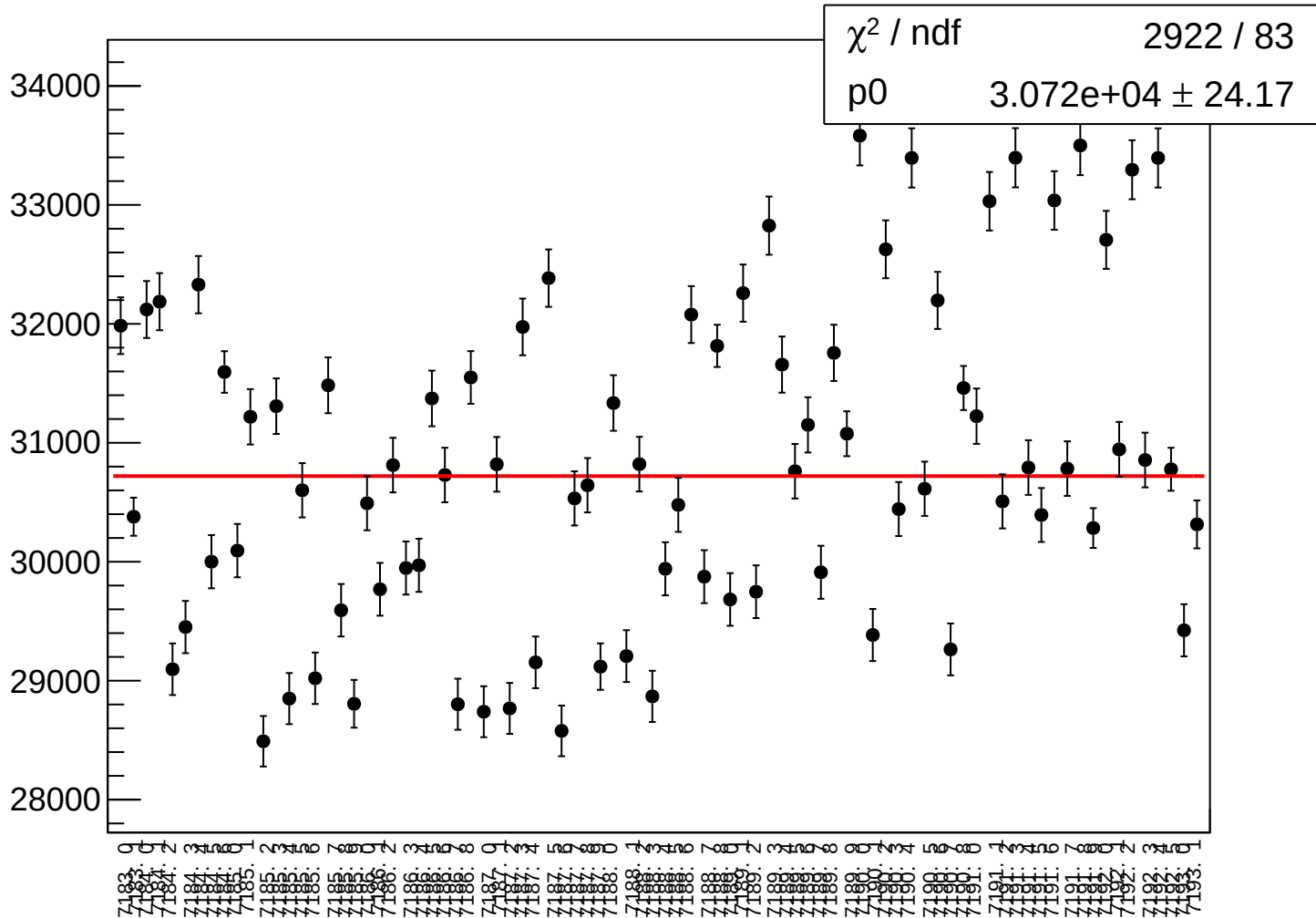
diff_bpmE_mean vs run



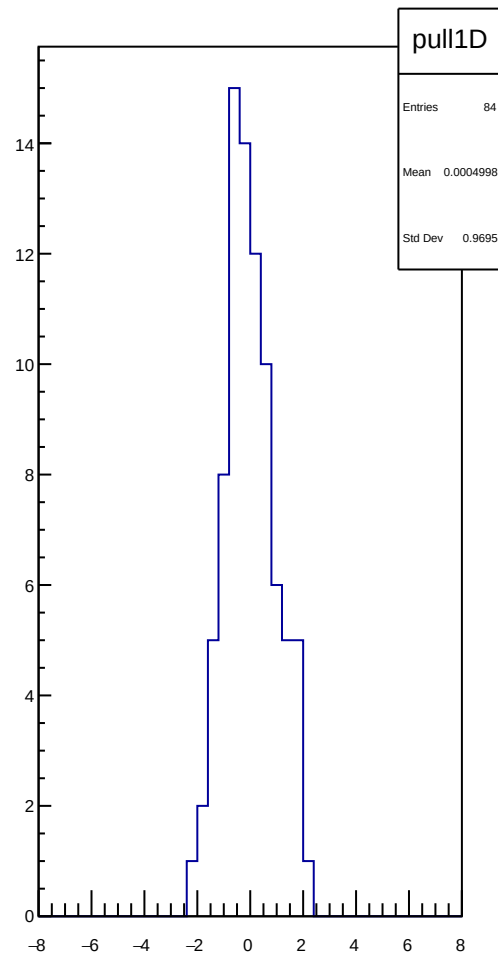
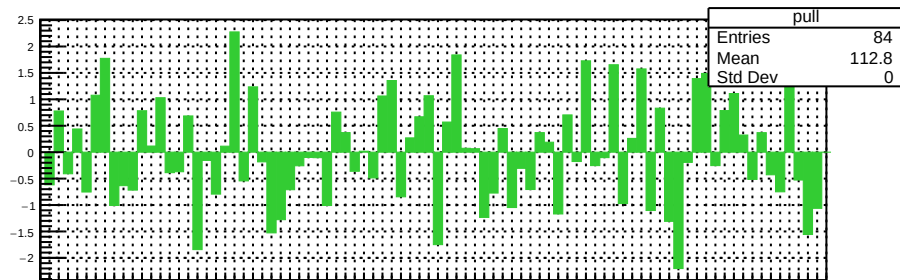
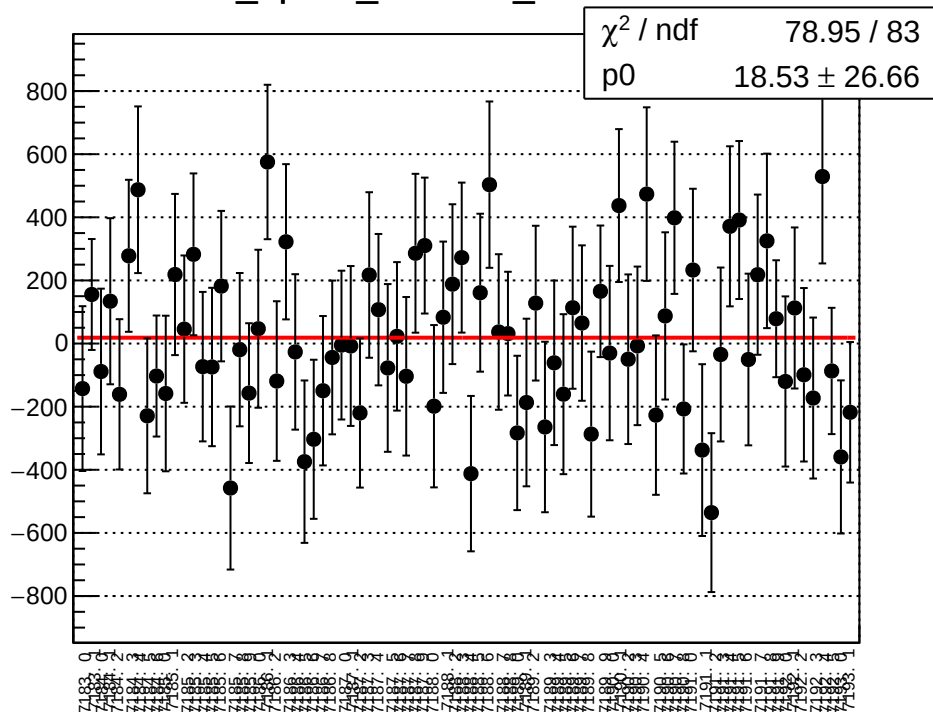
diff_bpmEX_mean vs run



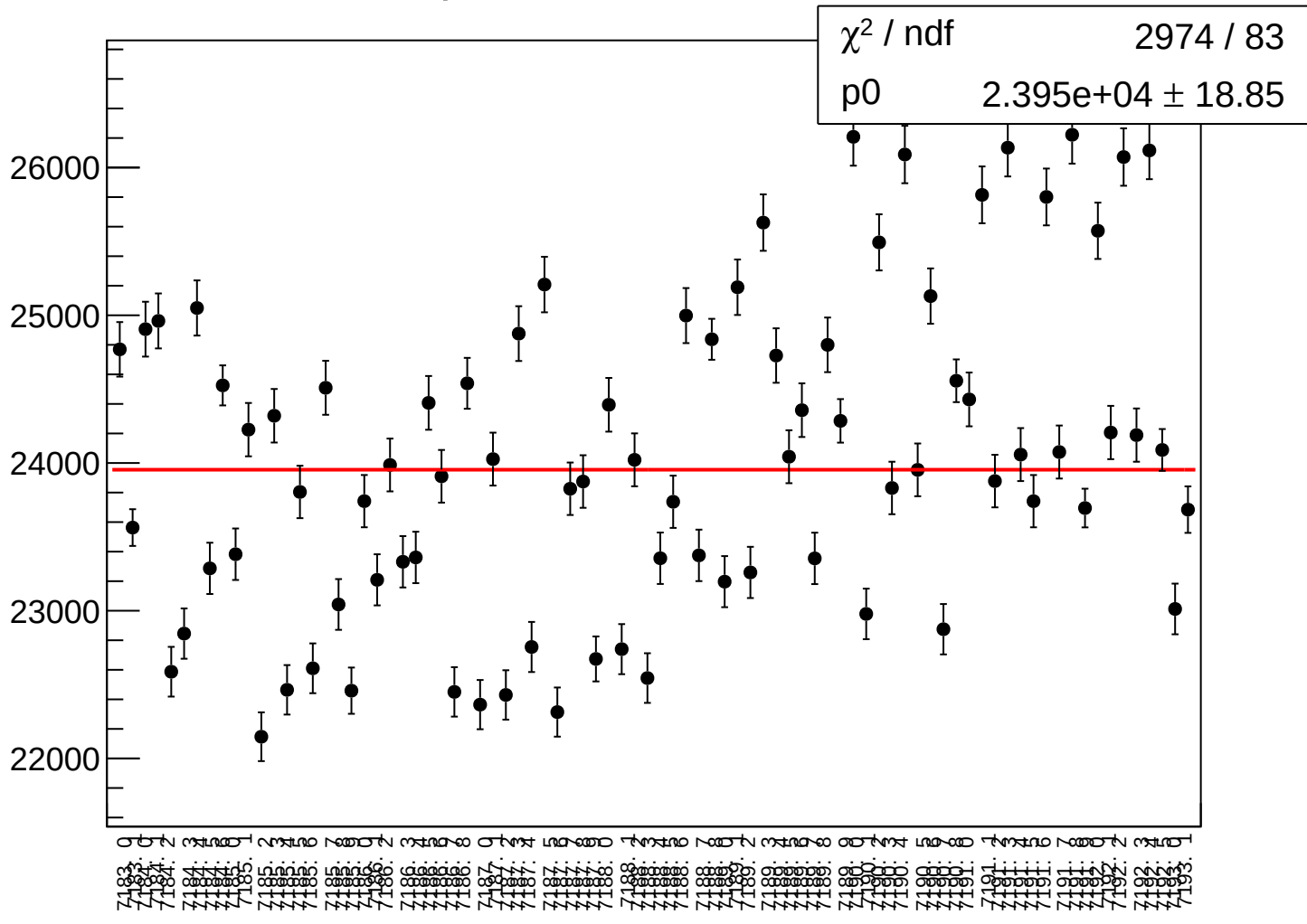
diff_bpmEX_rms vs run



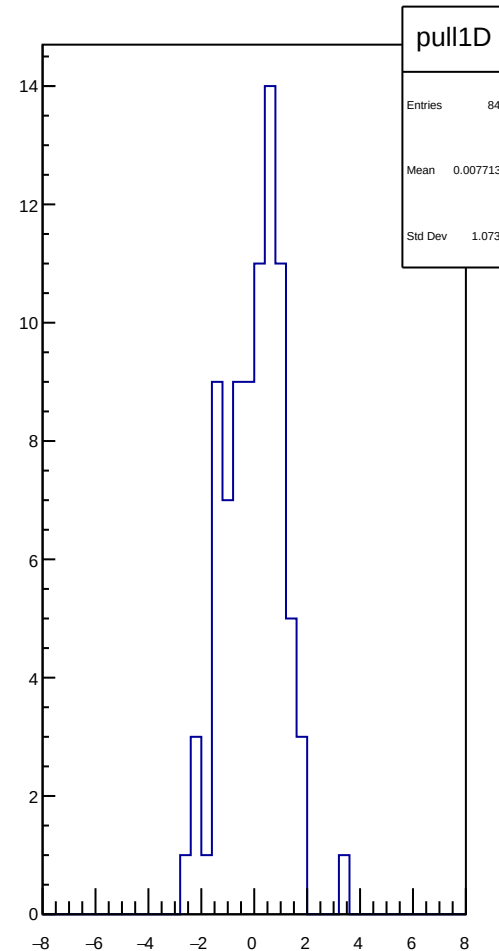
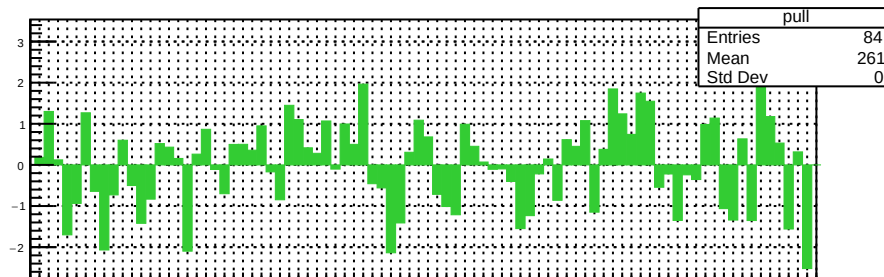
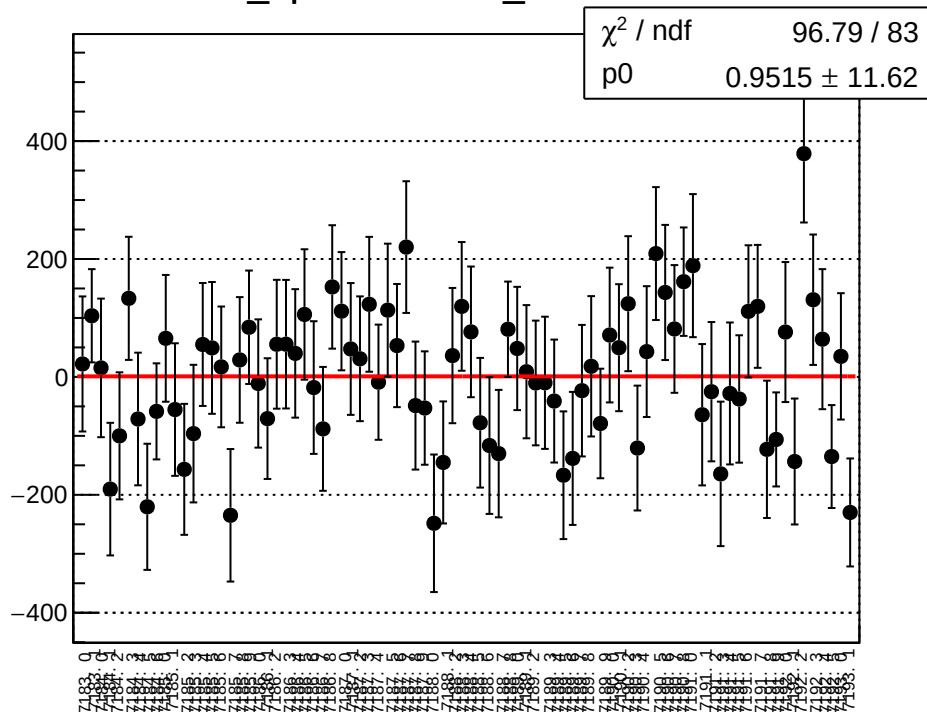
diff_bpmE_11X12X_mean vs run



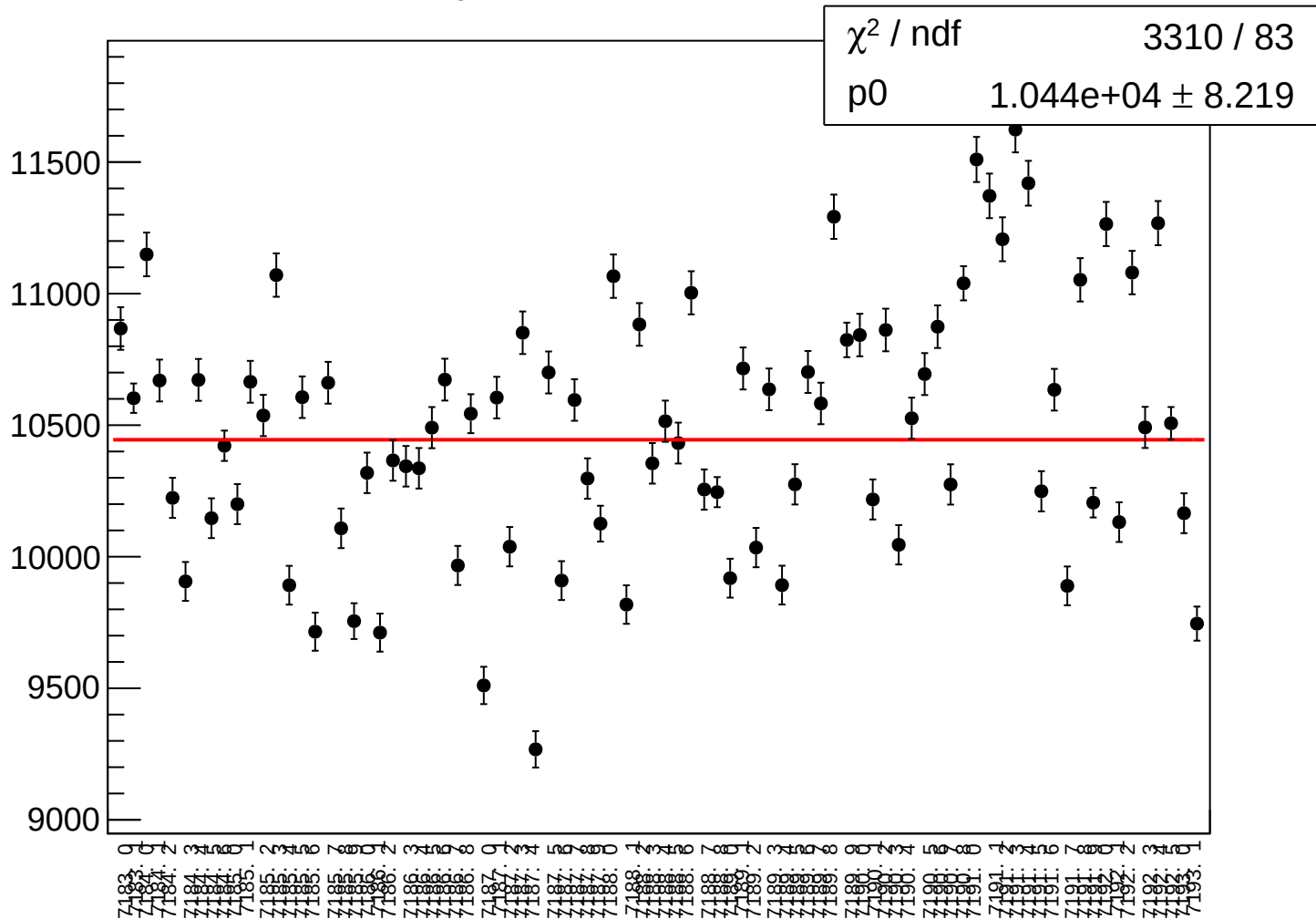
diff_bpmE_11X12X_rms vs run



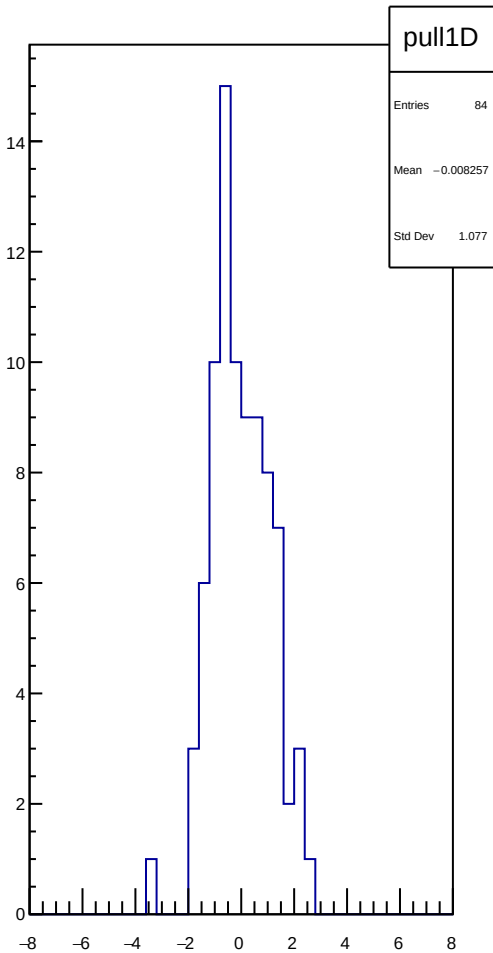
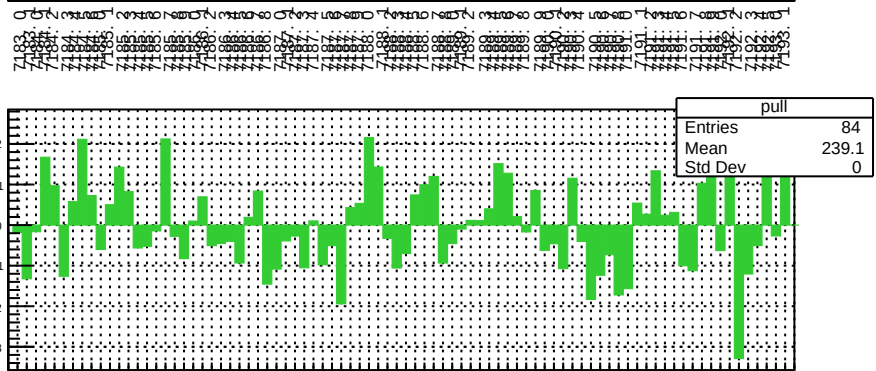
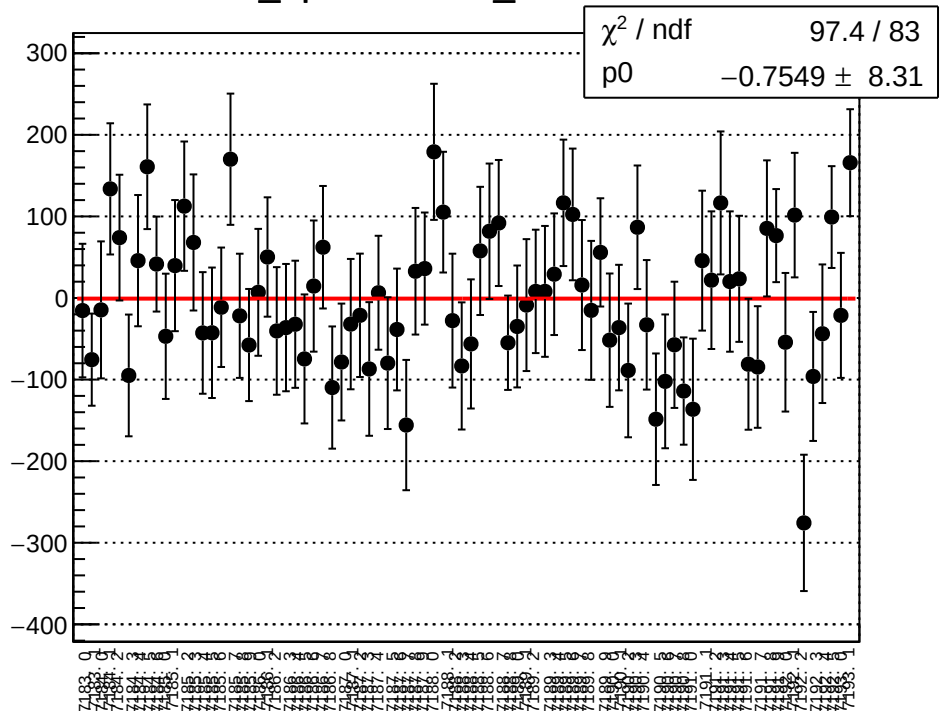
diff_bpm4aesumX_mean vs run



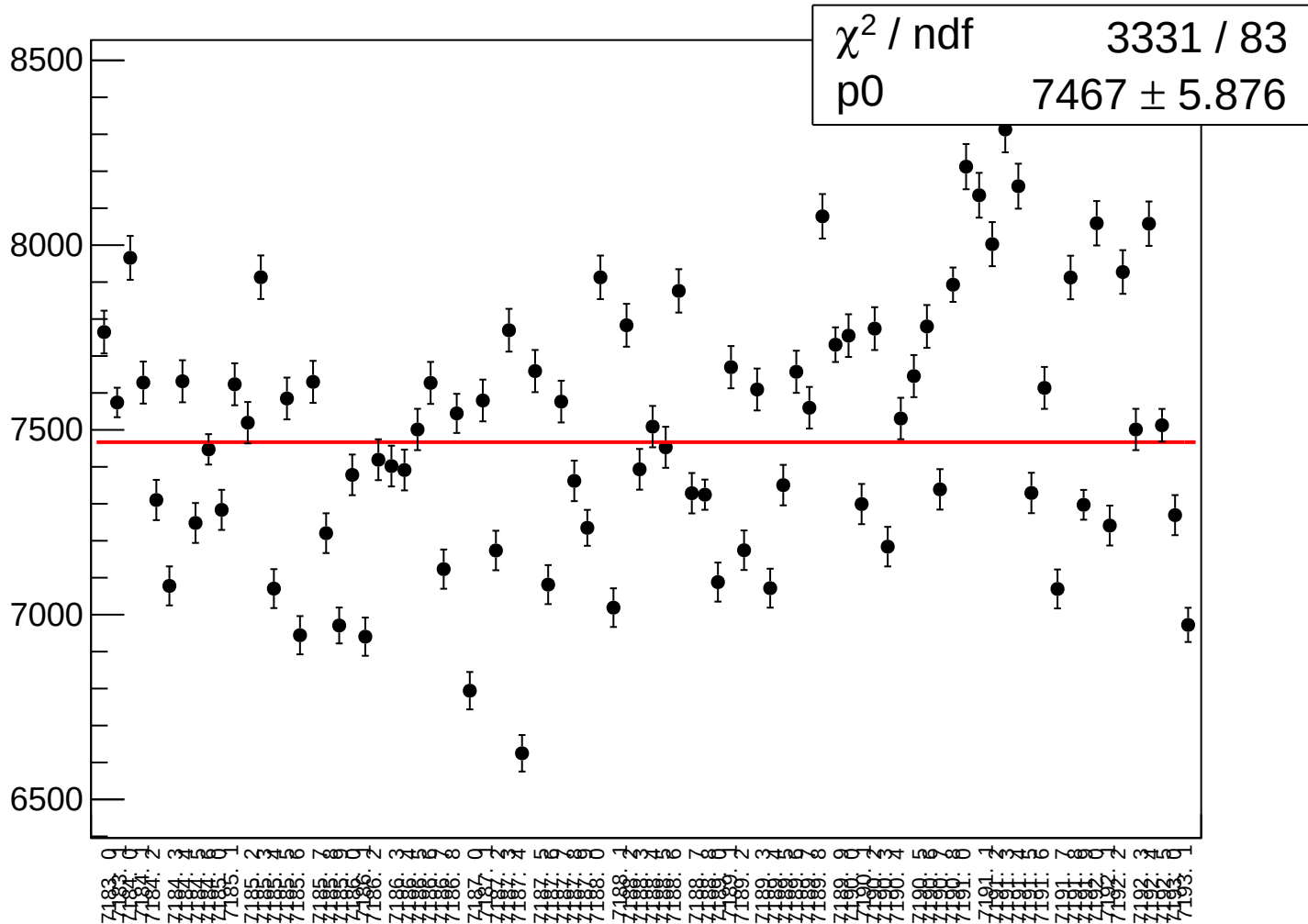
diff_bpm4aesumX_rms vs run



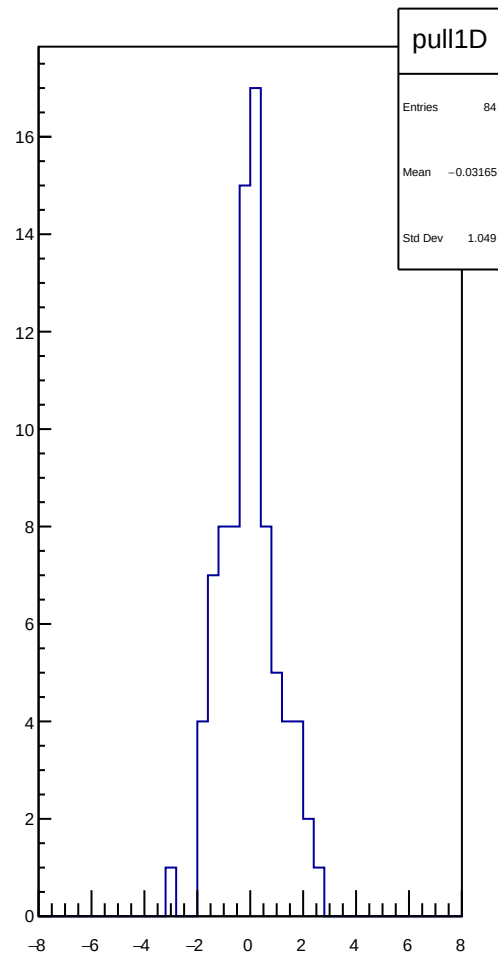
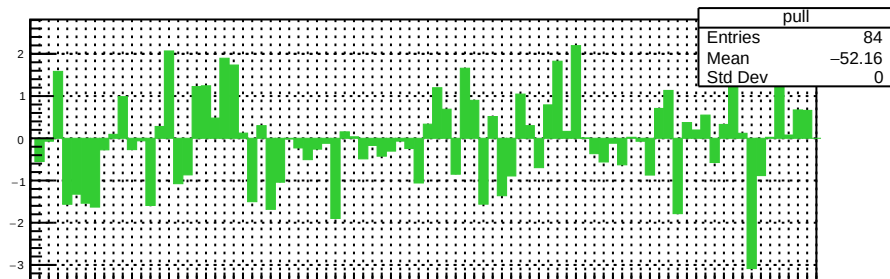
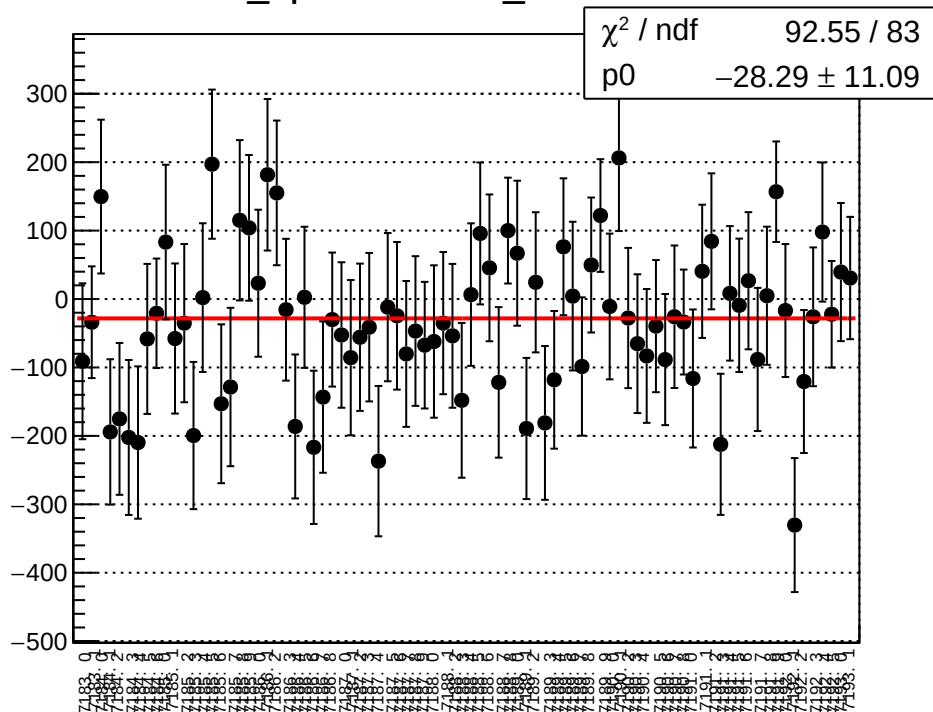
diff_bpm4aediiffX_mean vs run



diff_bpm4aediX_rms vs run



diff_bpm4aesumY_mean vs run



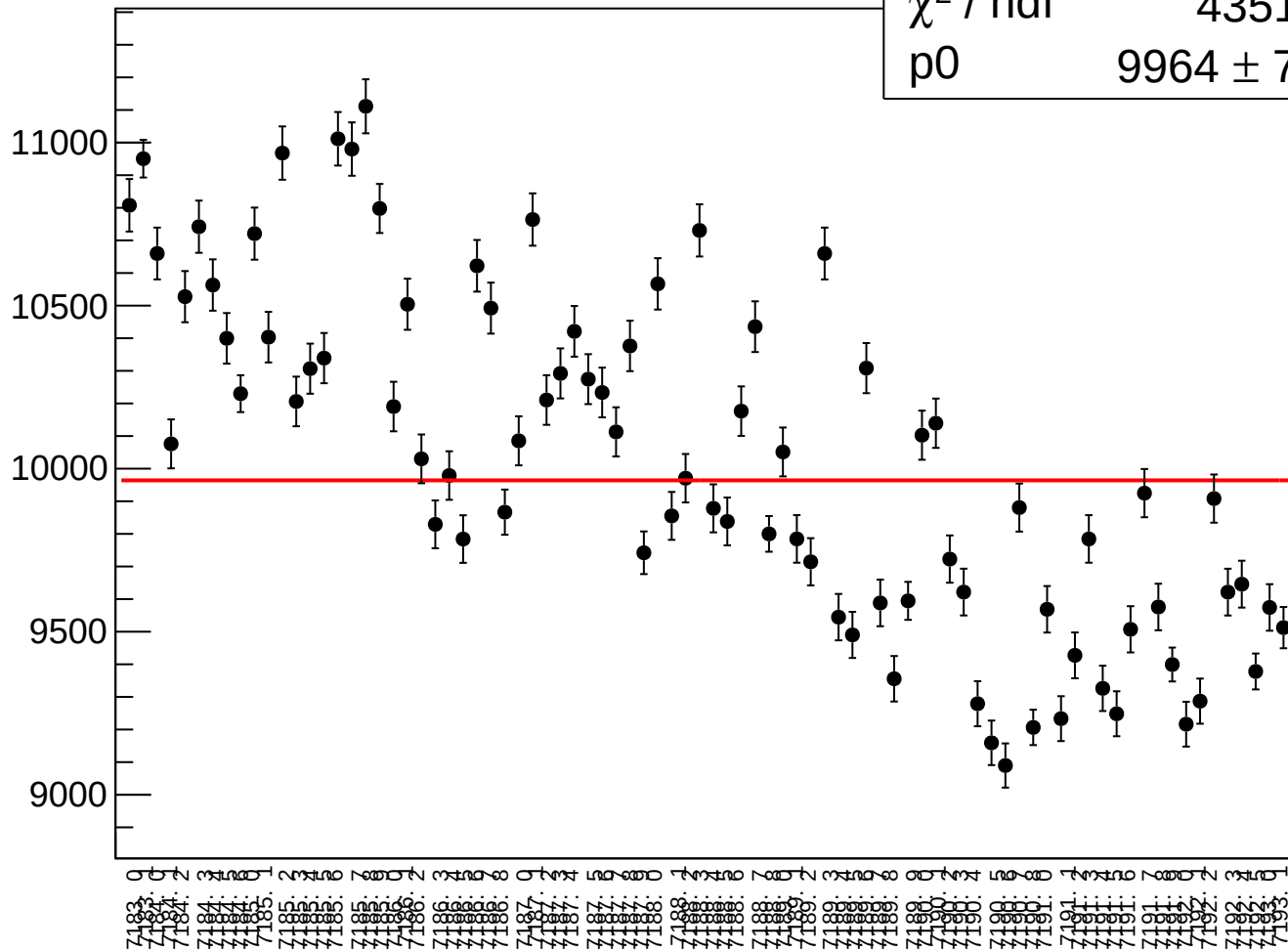
diff_bpm4aesumY_rms vs run

χ^2 / ndf

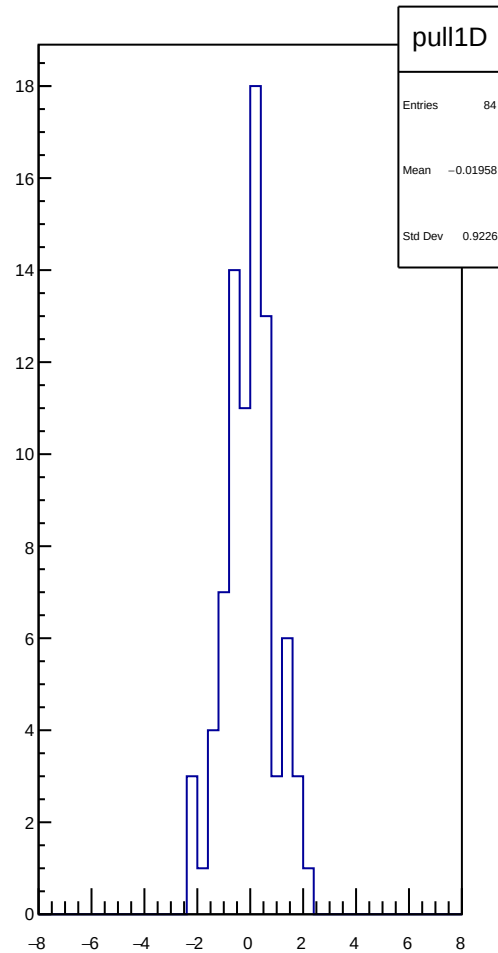
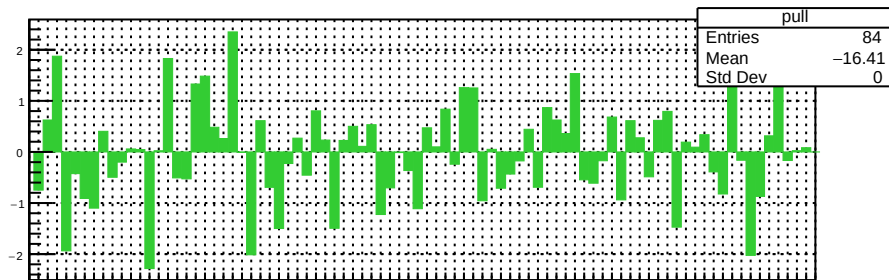
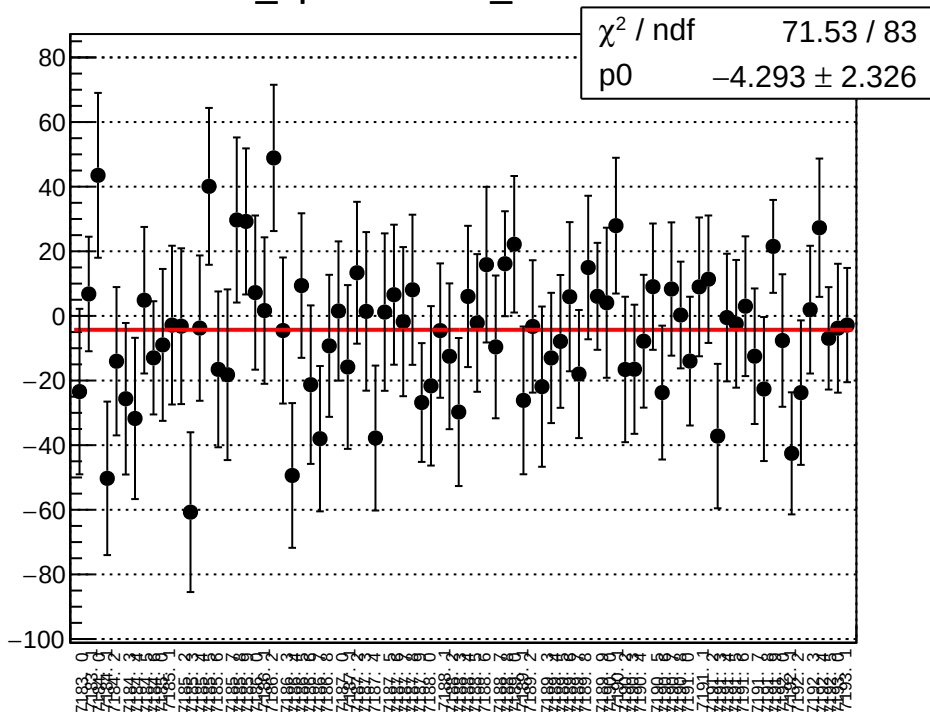
4351 / 83

p0

9964 ± 7.844

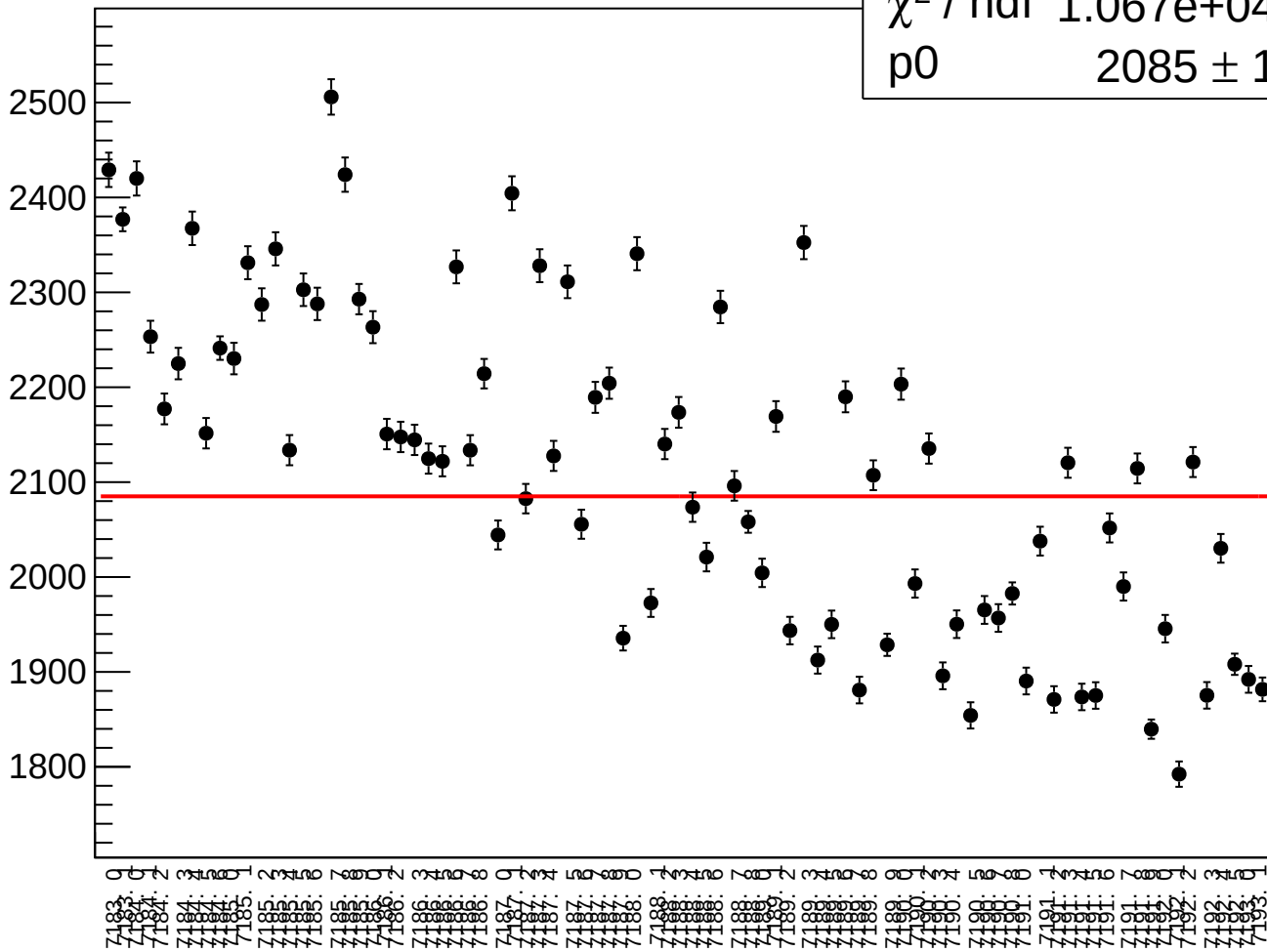


diff_bpm4aediY_mean vs run

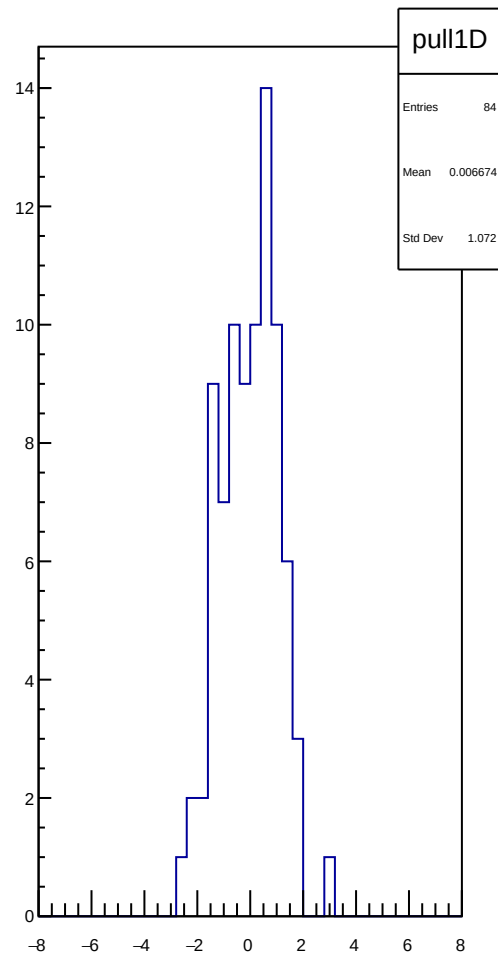
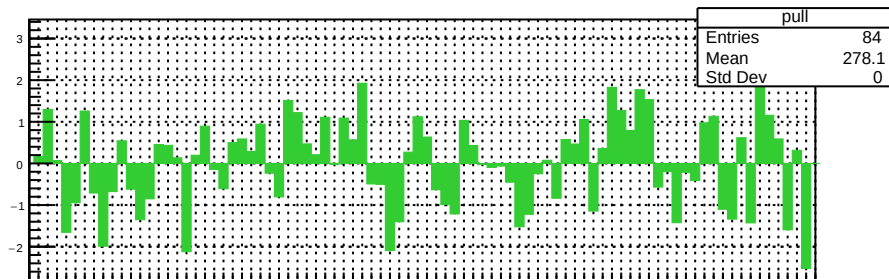
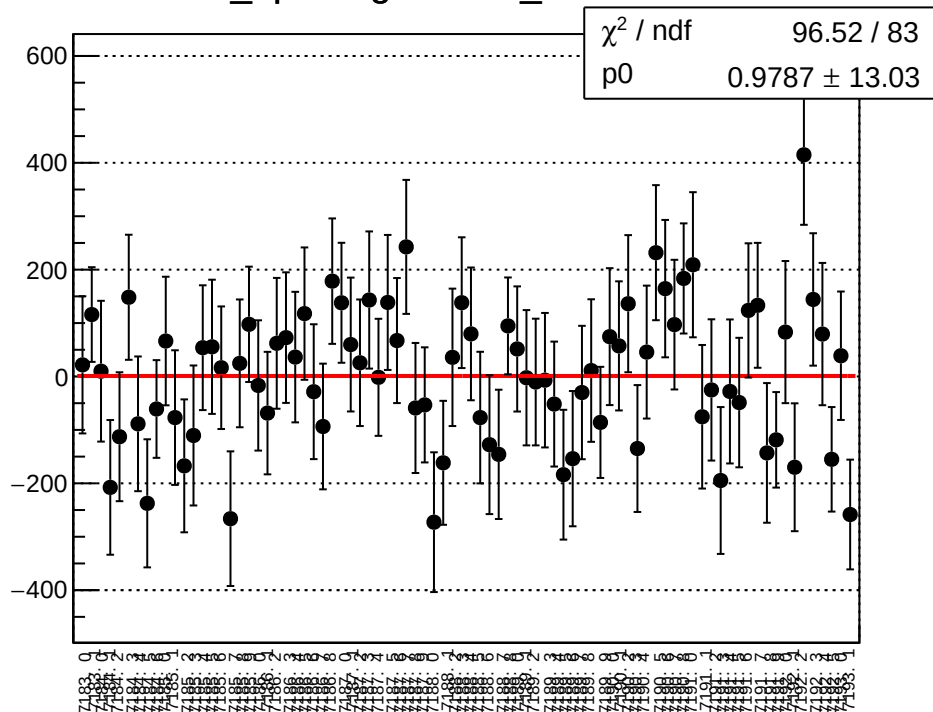


diff_bpm4aediY_rms vs run

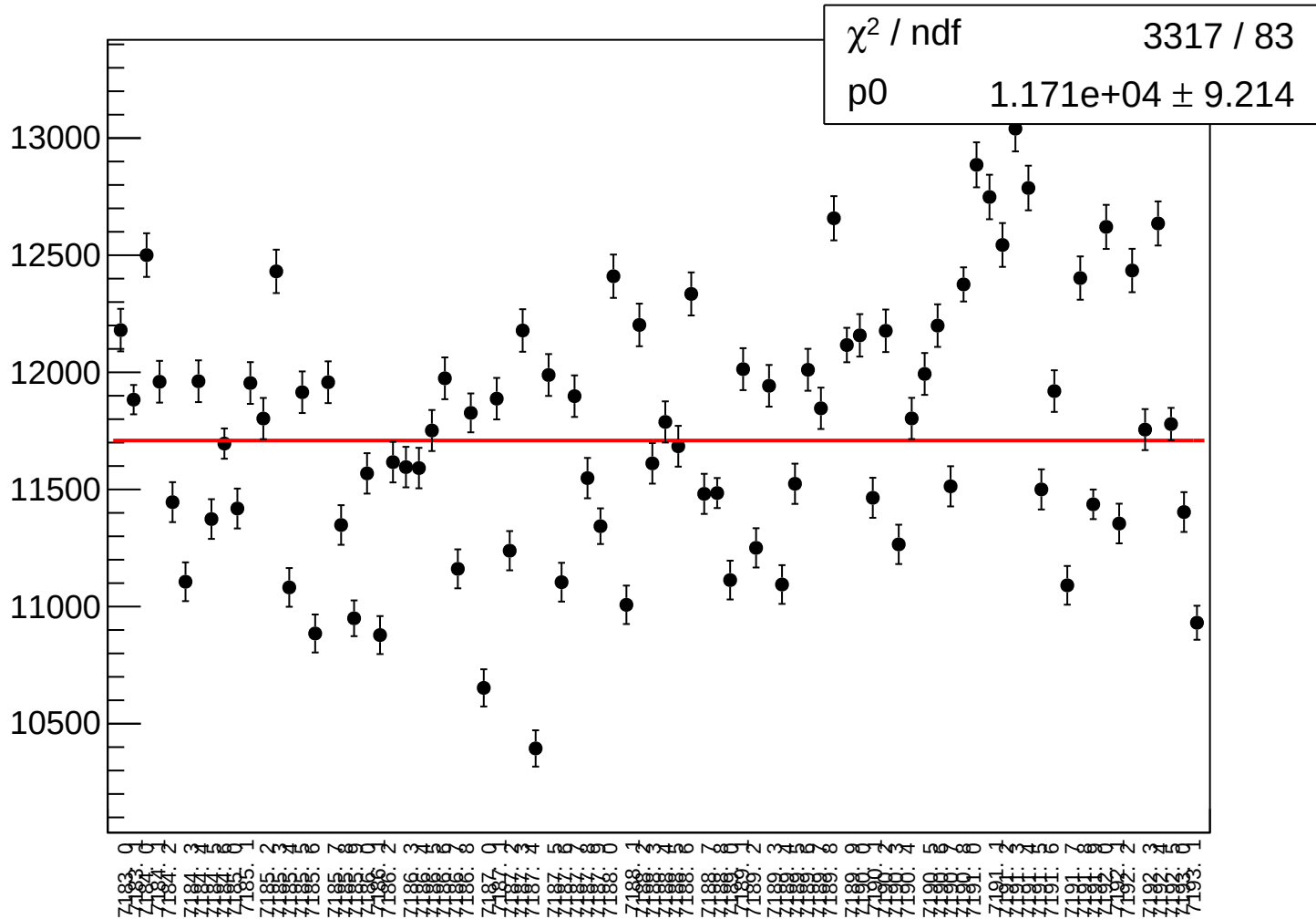
χ^2 / ndf 1.067e+04 / 83
p0 2085 $\pm$ 1.645



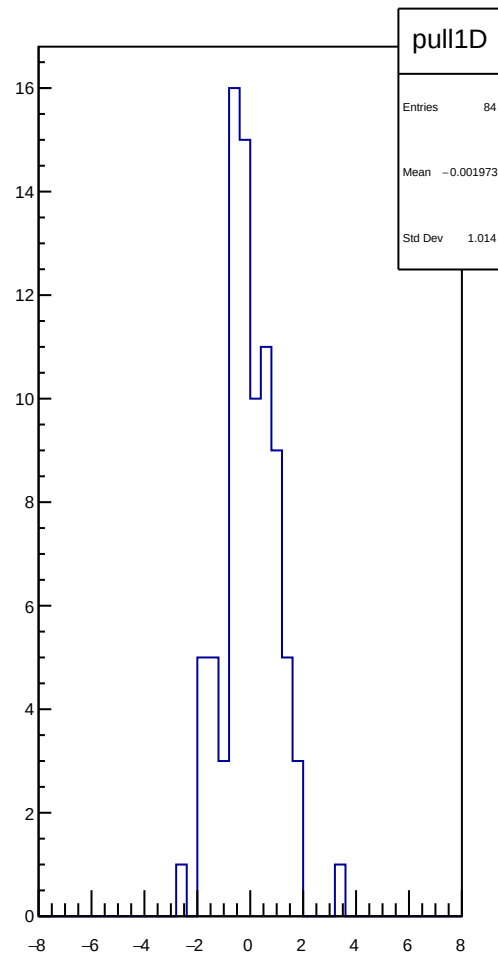
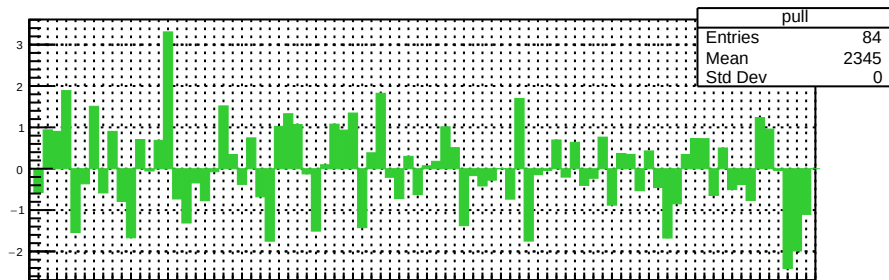
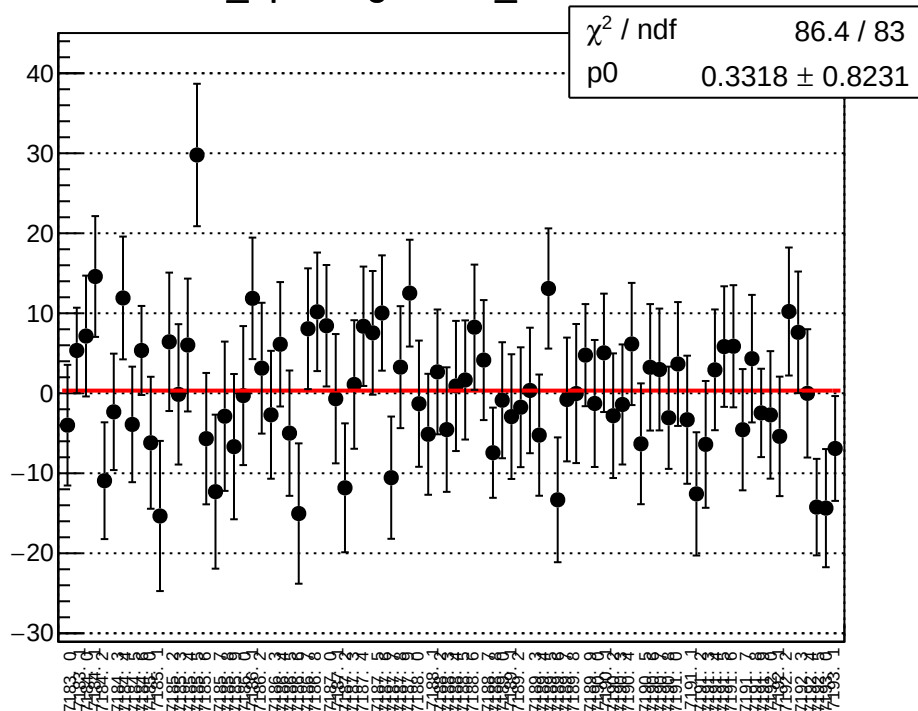
diff_bpmtargetsumX_mean vs run



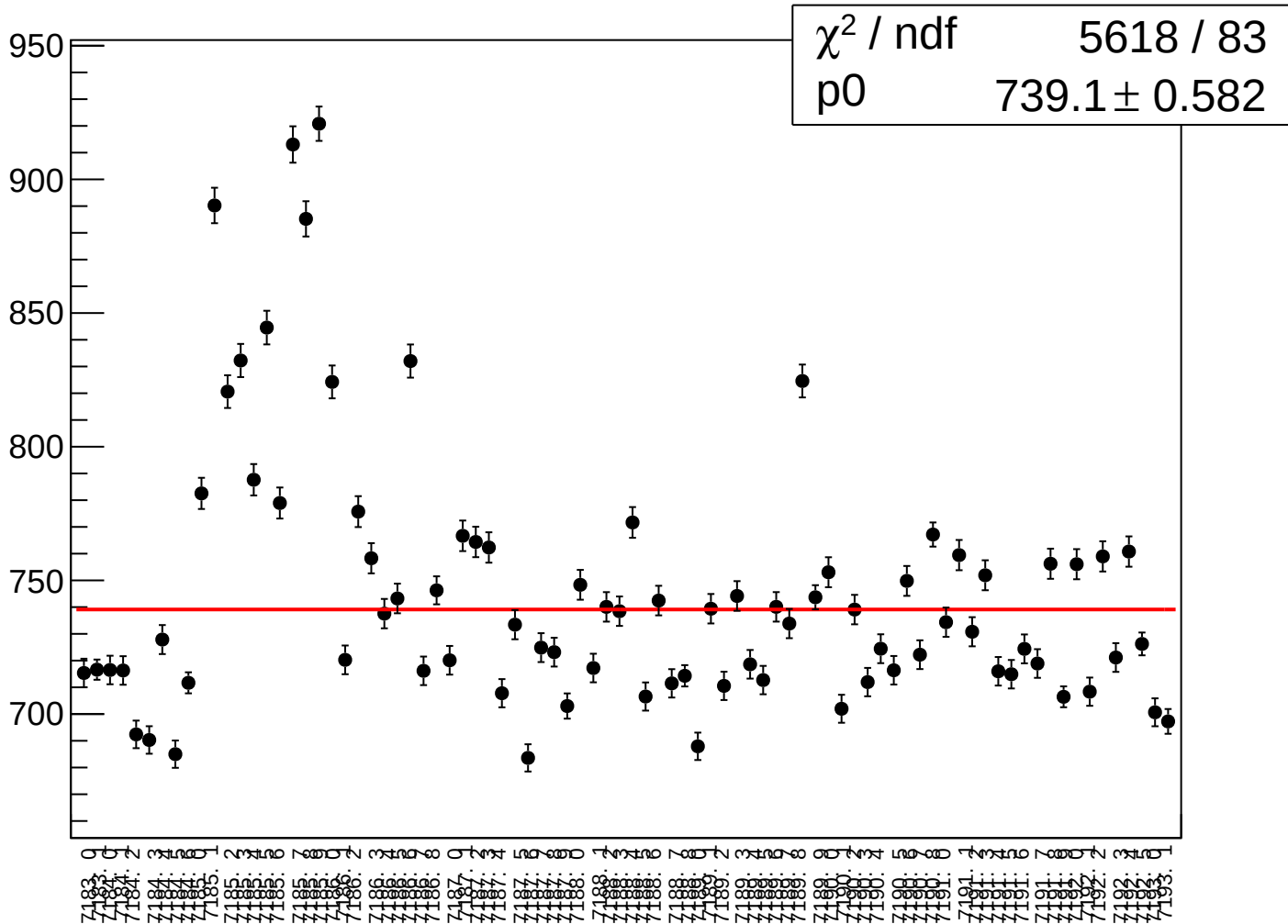
diff_bpmtargetsumX_rms vs run



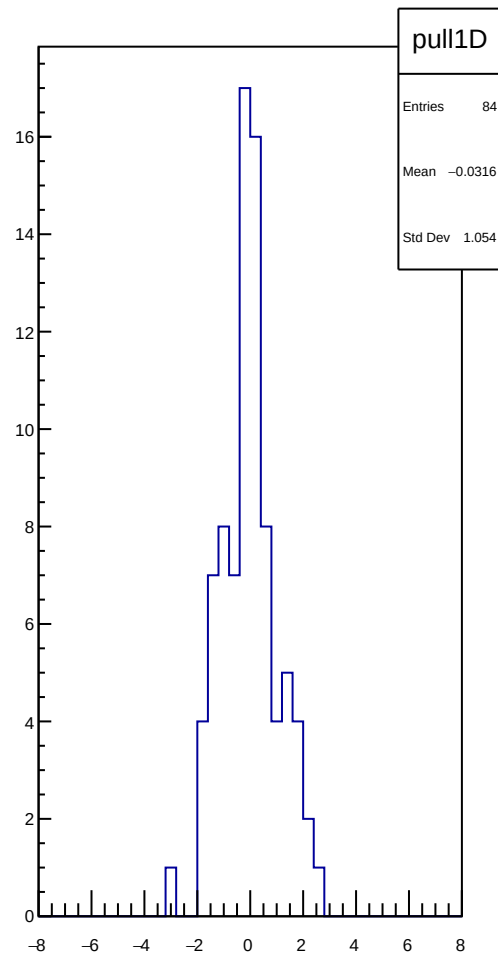
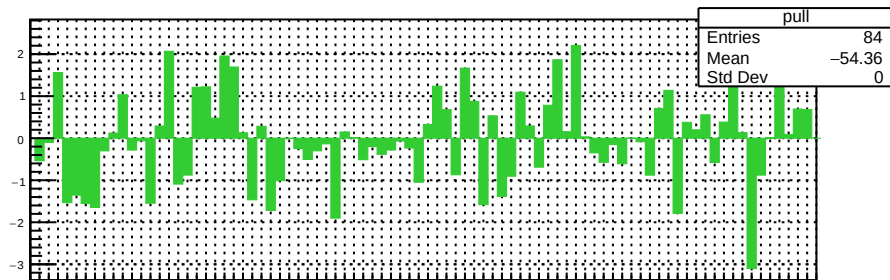
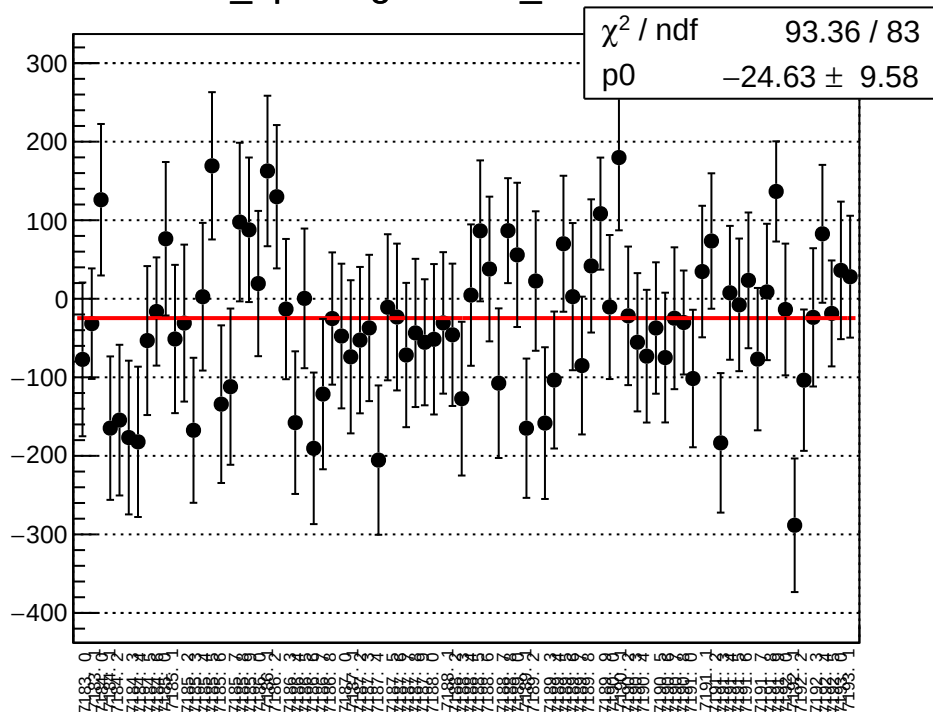
diff_bpmtargetdiffX_mean vs run



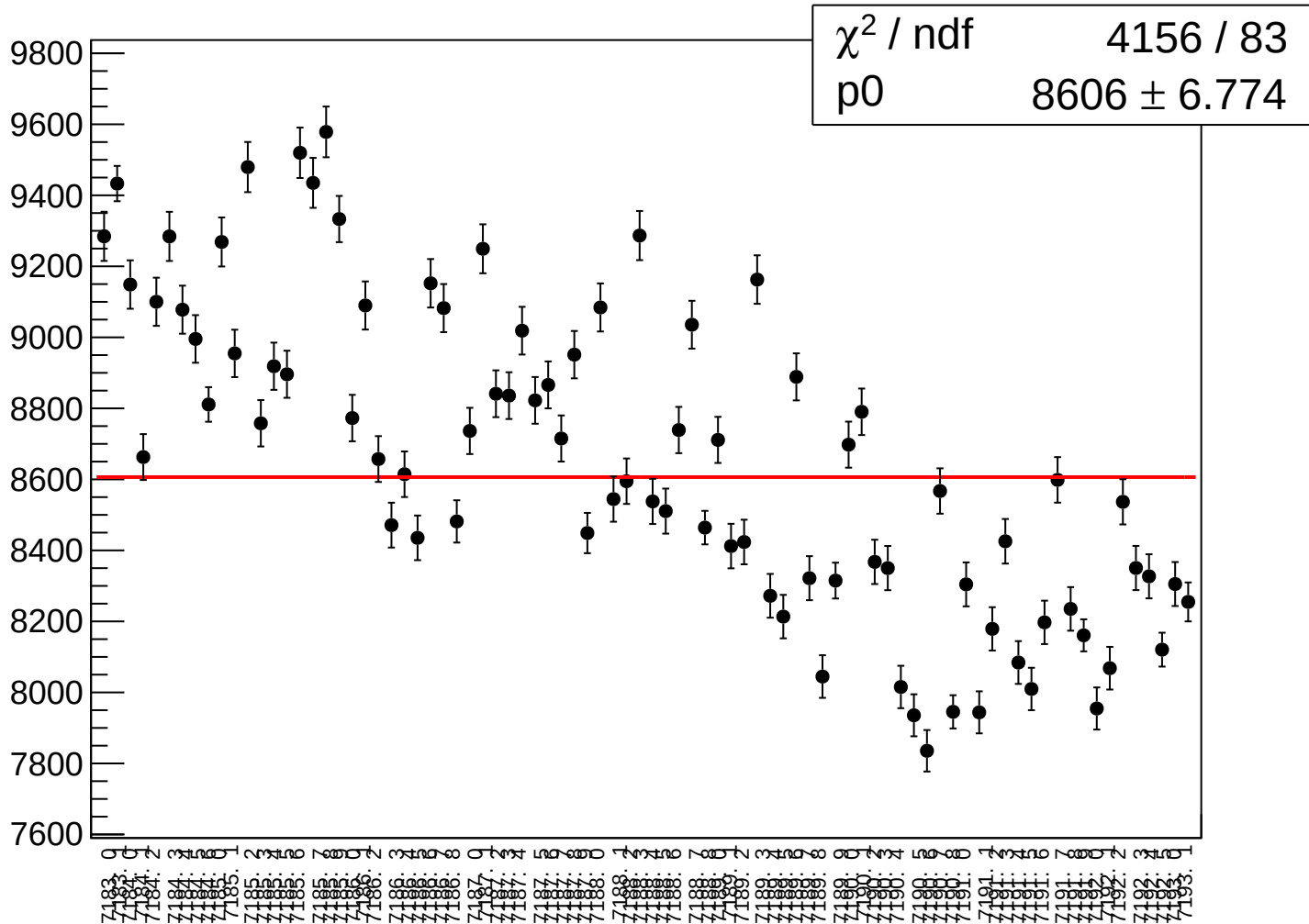
diff_bpmtargetdiffX_rms vs run



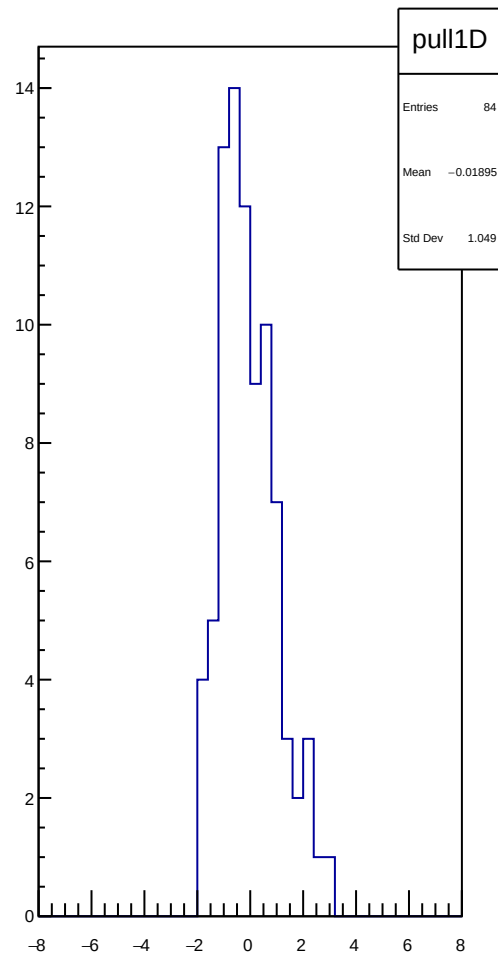
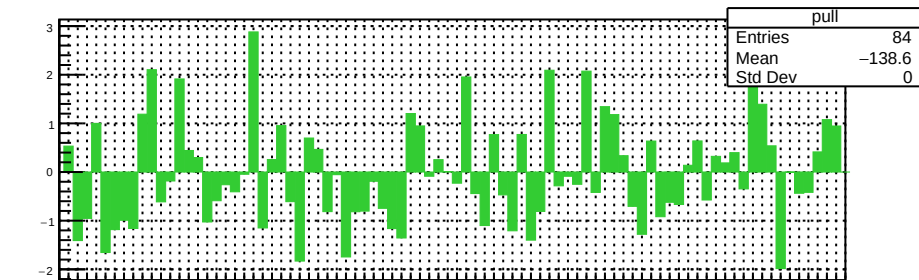
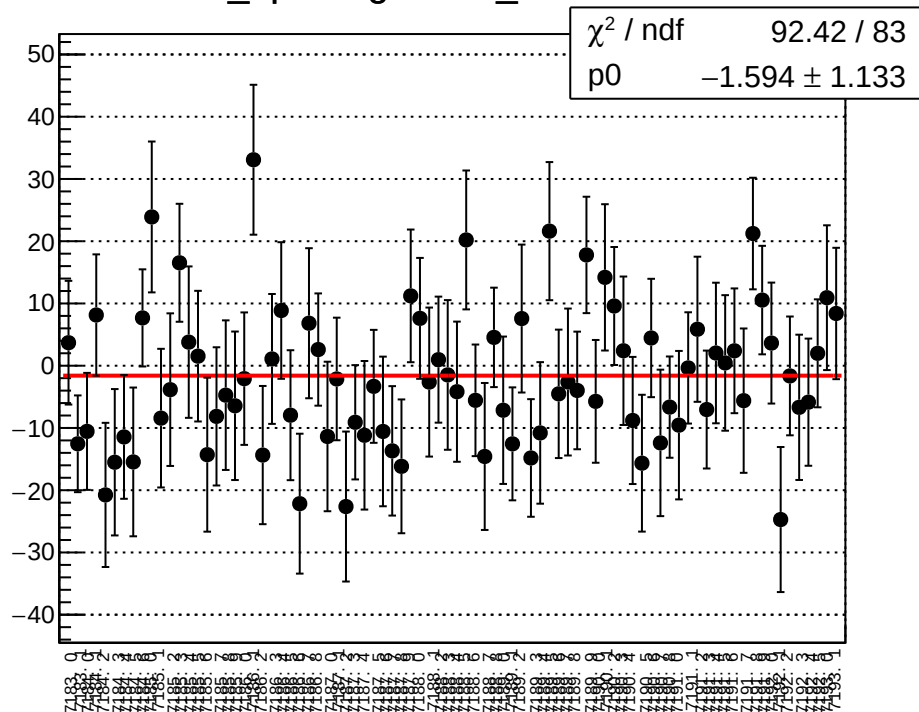
diff_bpmtargetsumY_mean vs run



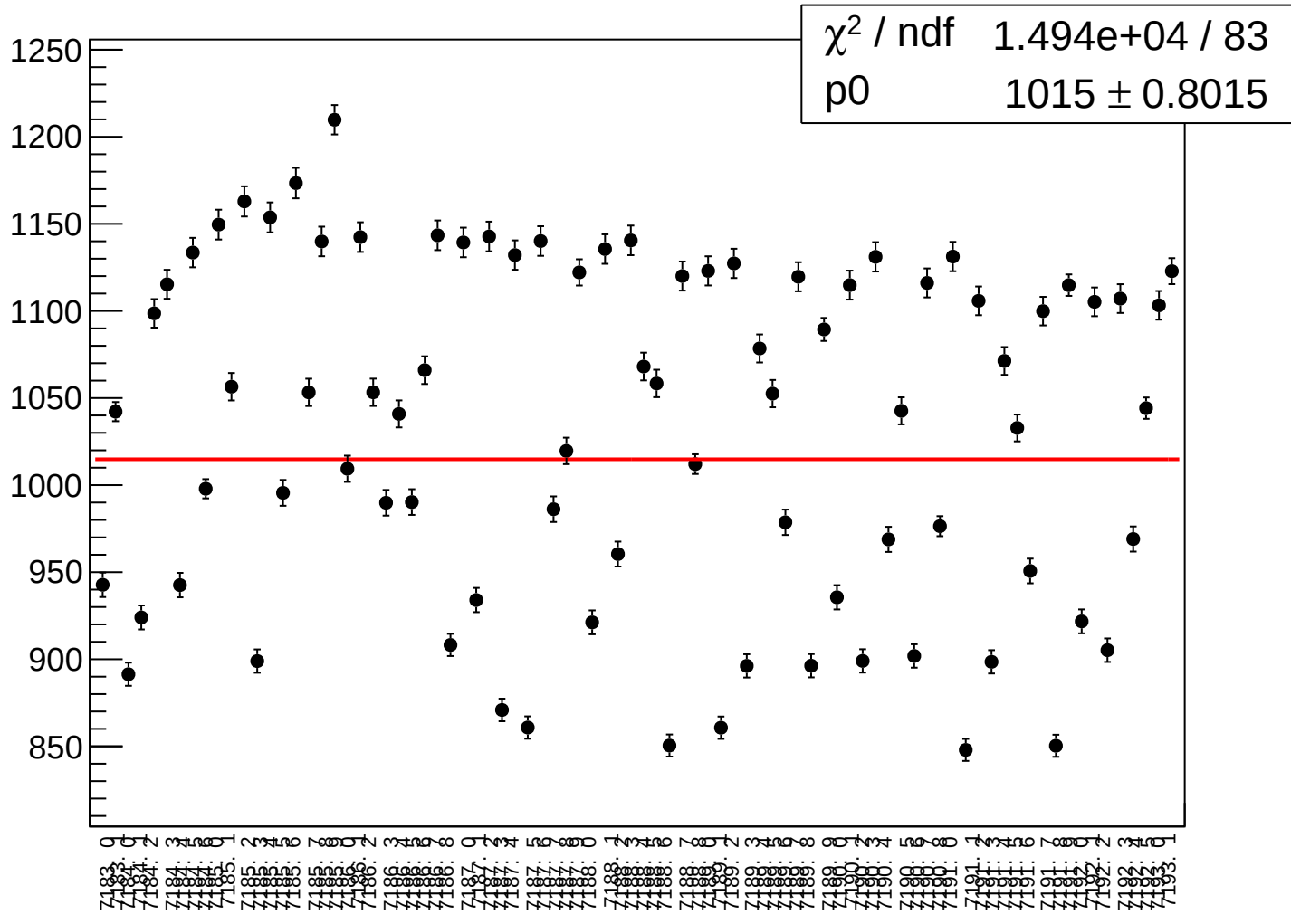
diff_bpmtargetsumY_rms vs run



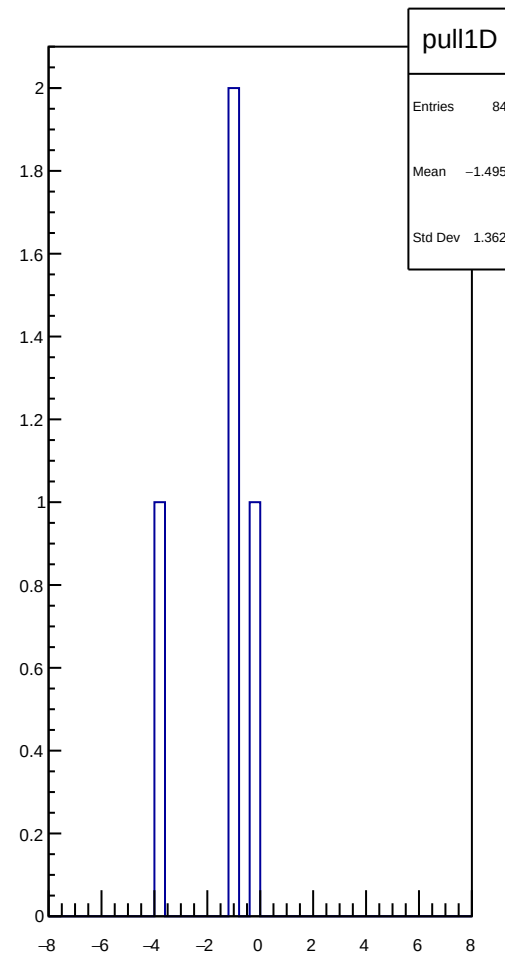
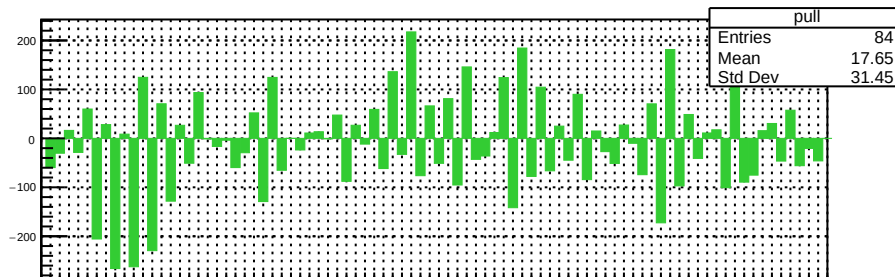
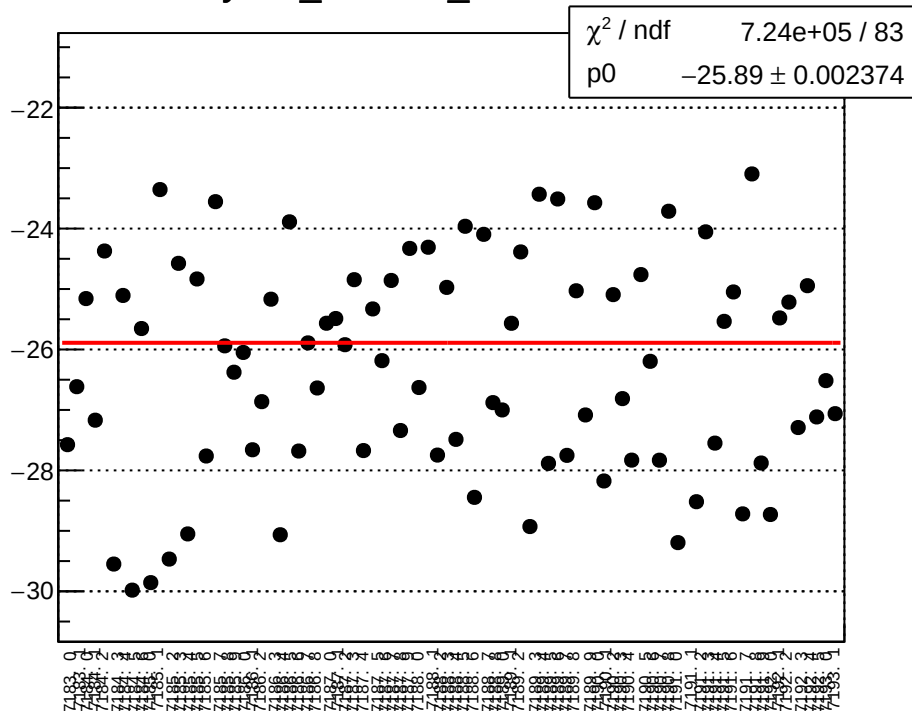
diff_bpmtargetdiffY_mean vs run



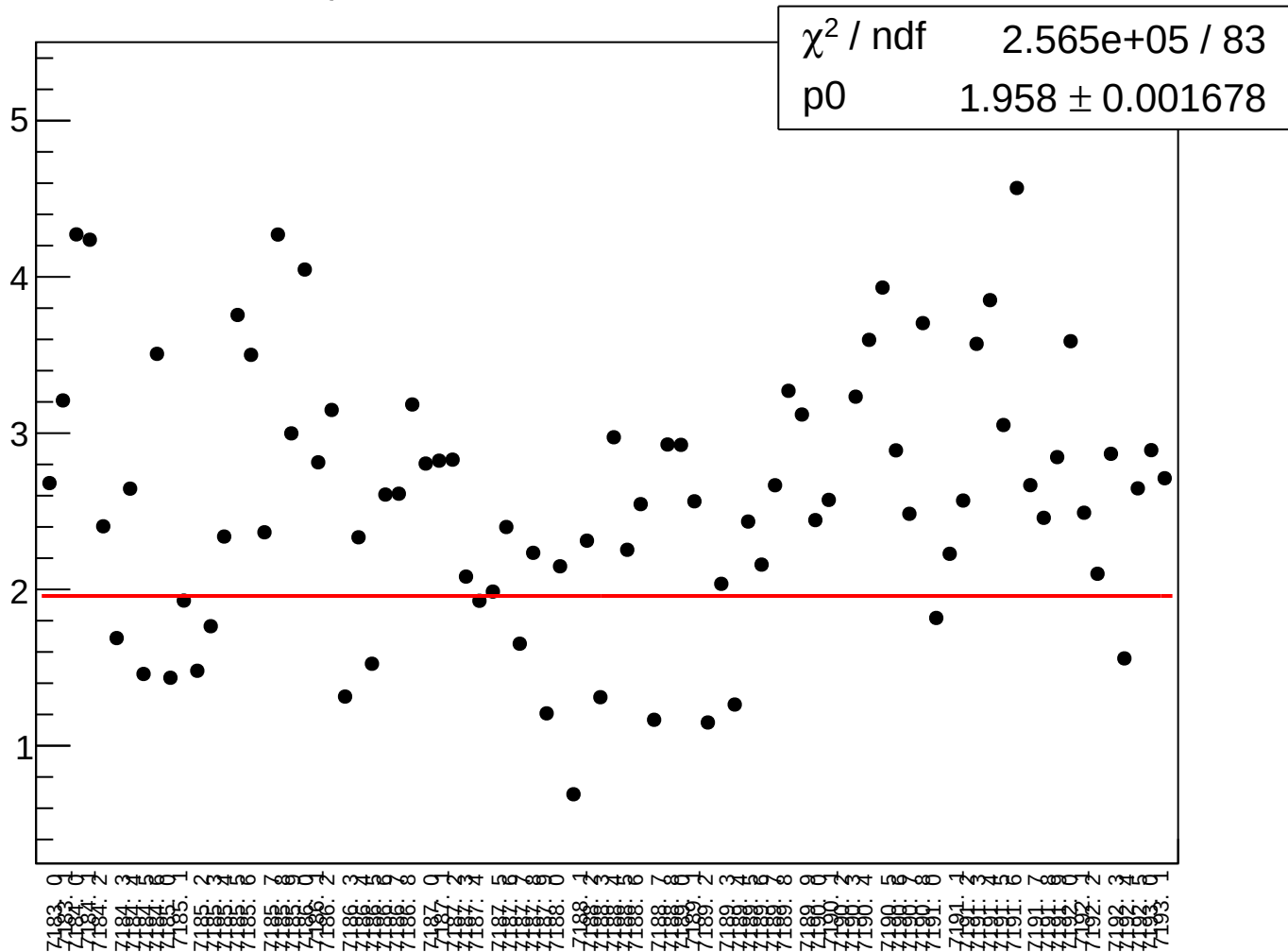
diff_bpmtargetdiffY_rms vs run



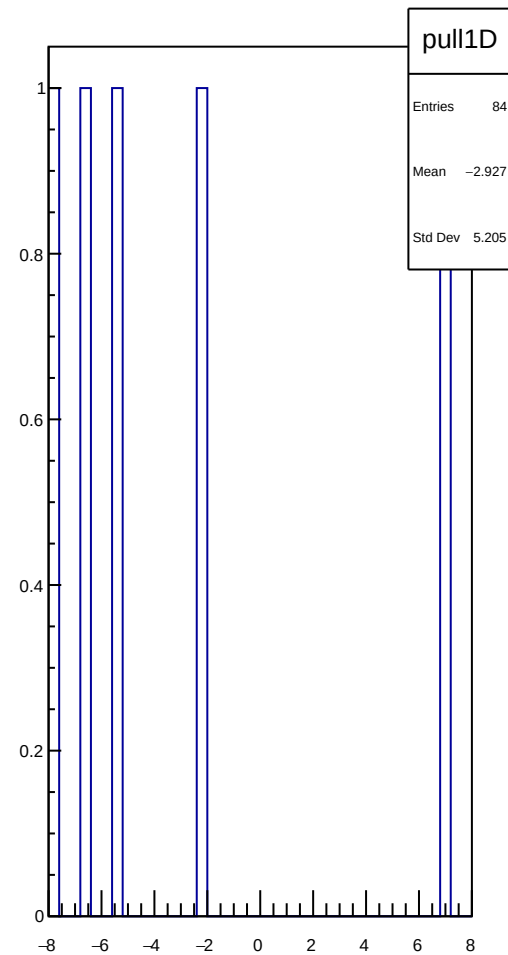
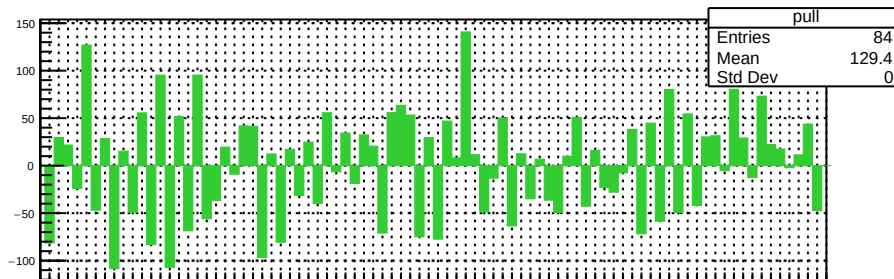
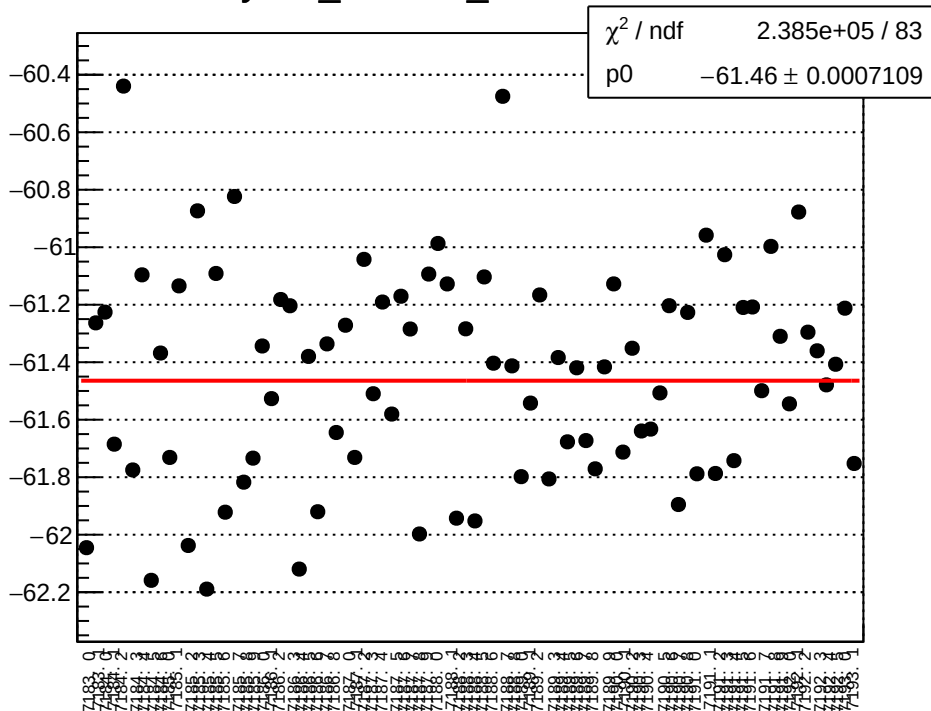
yield_cav4bX_mean vs run



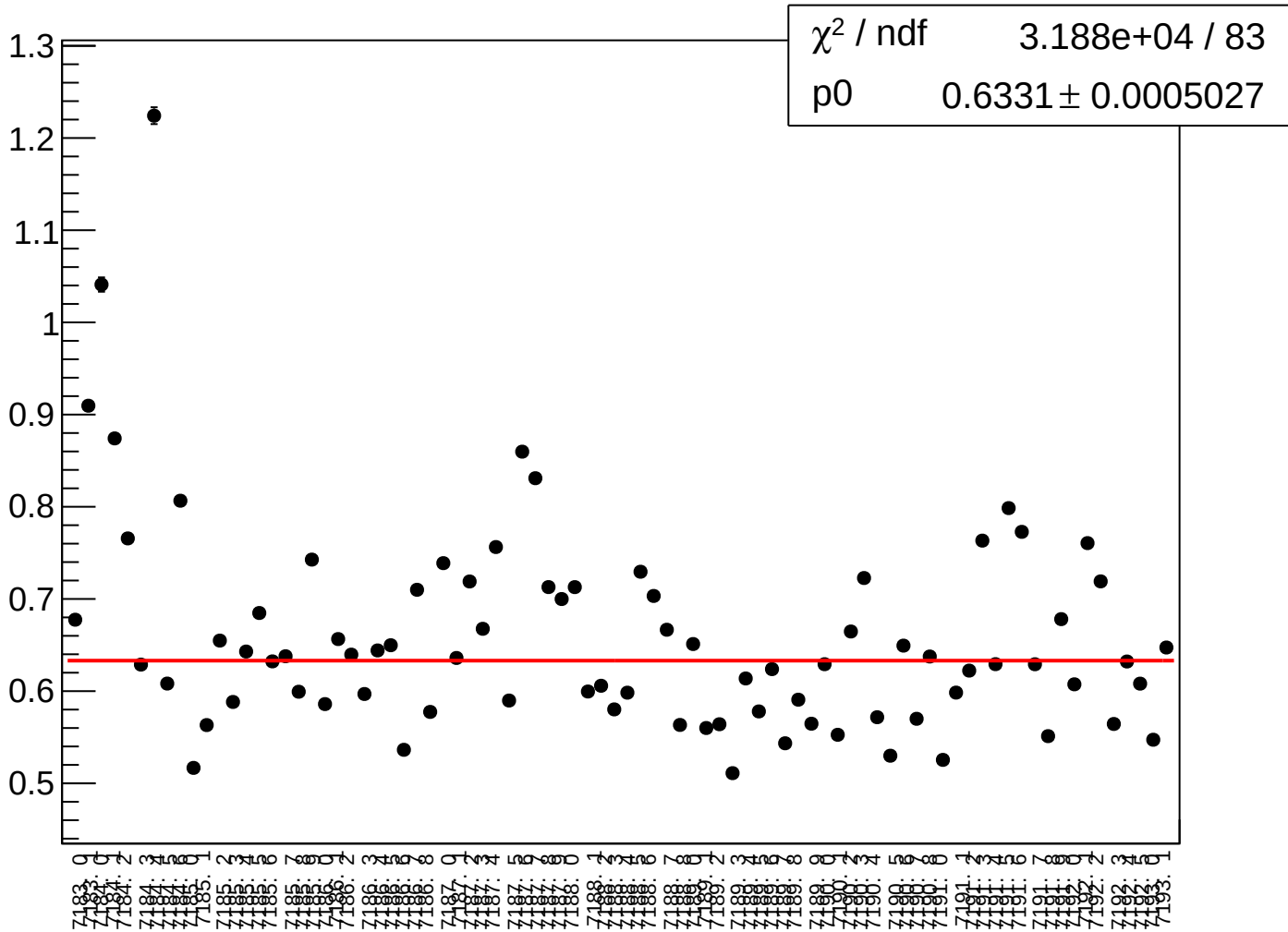
yield_cav4bX_rms vs run



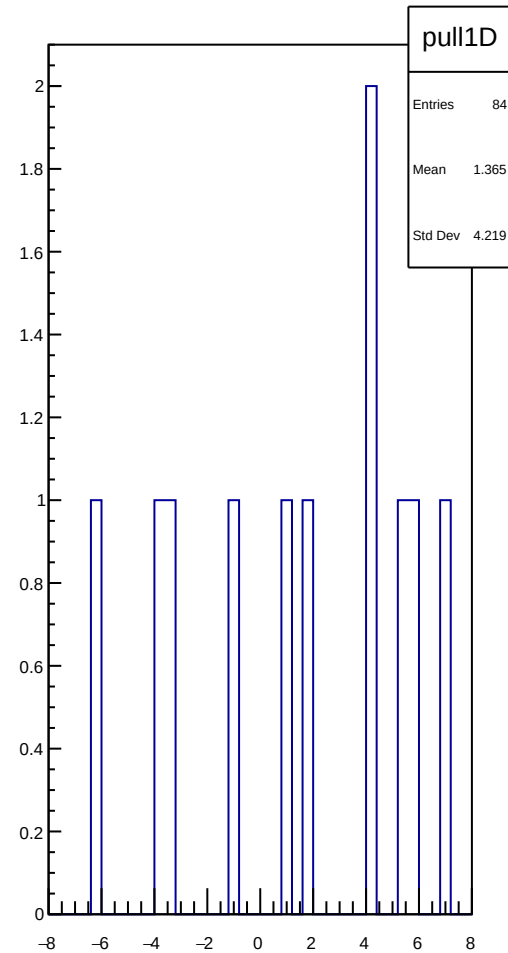
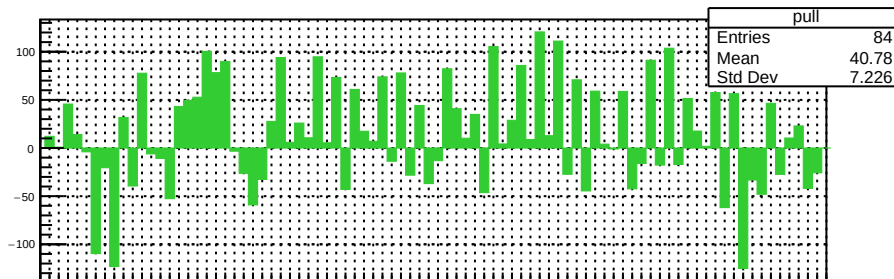
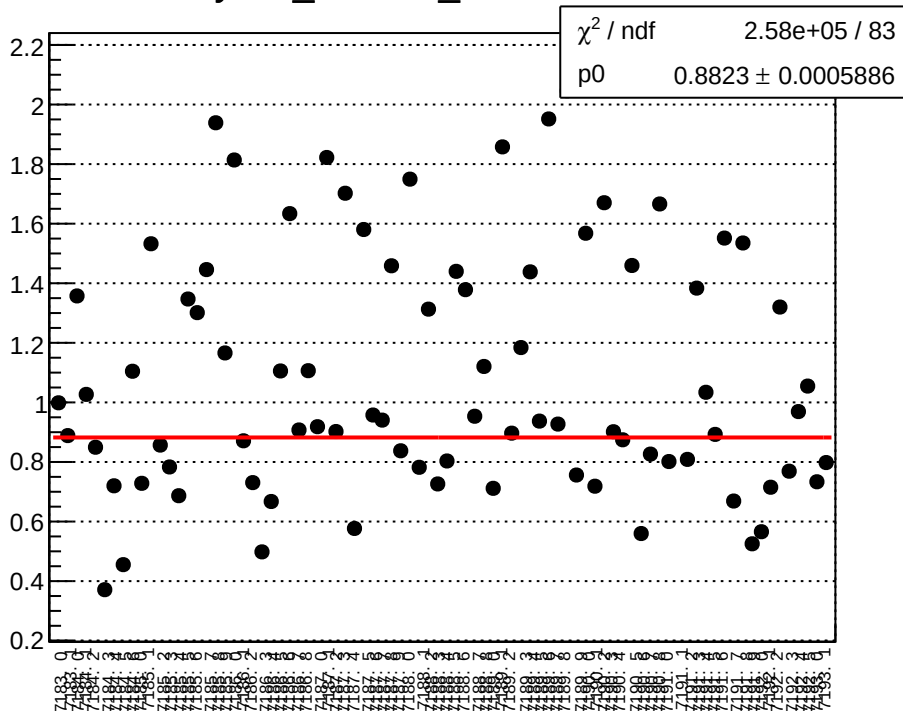
yield_cav4bY_mean vs run



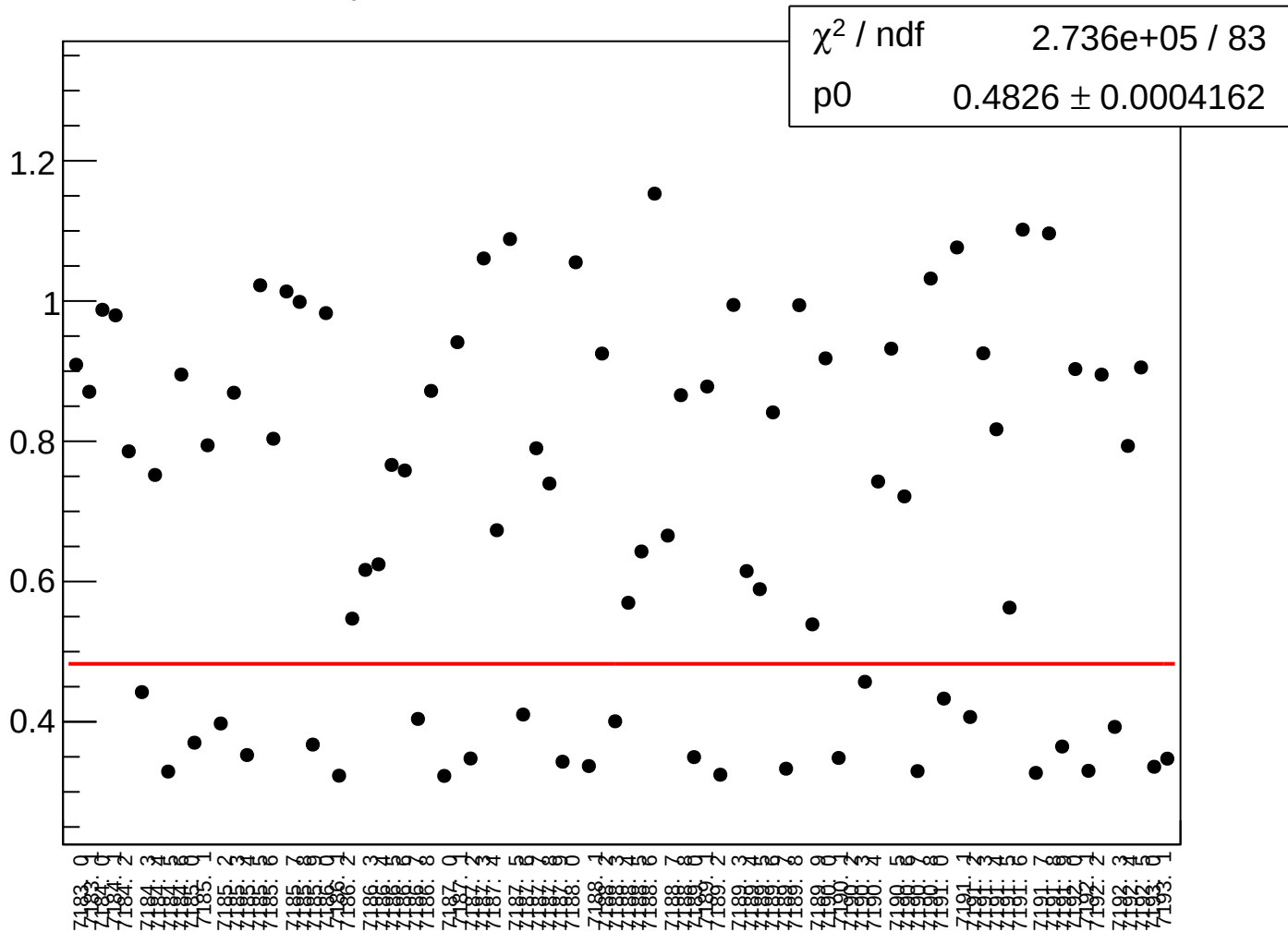
yield_cav4bY_rms vs run



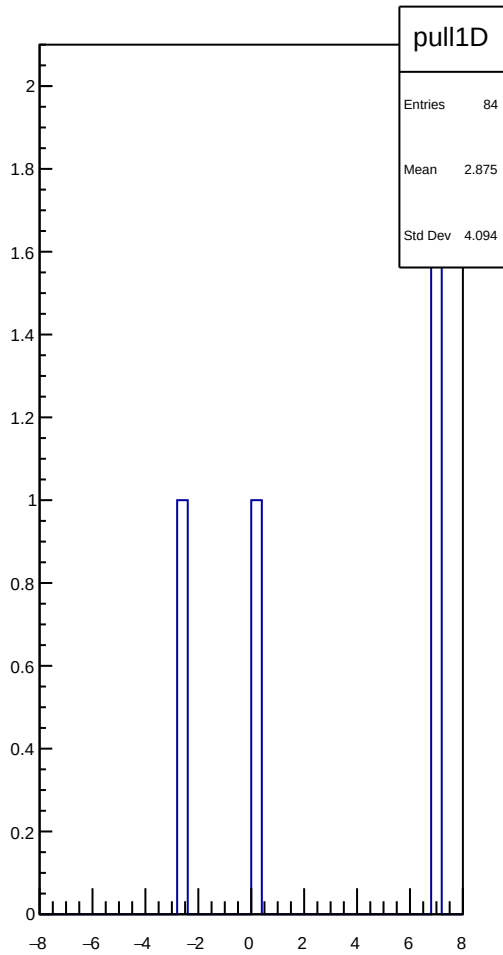
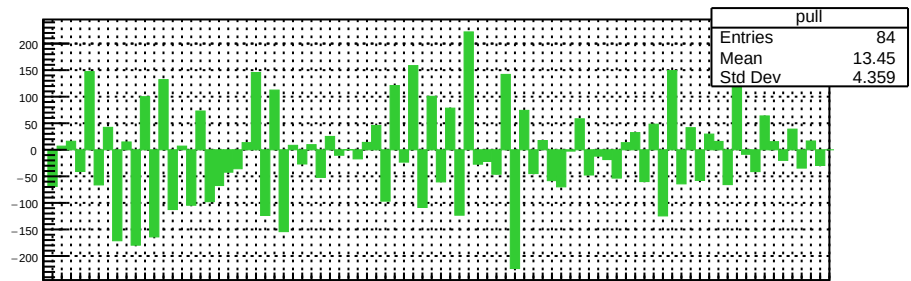
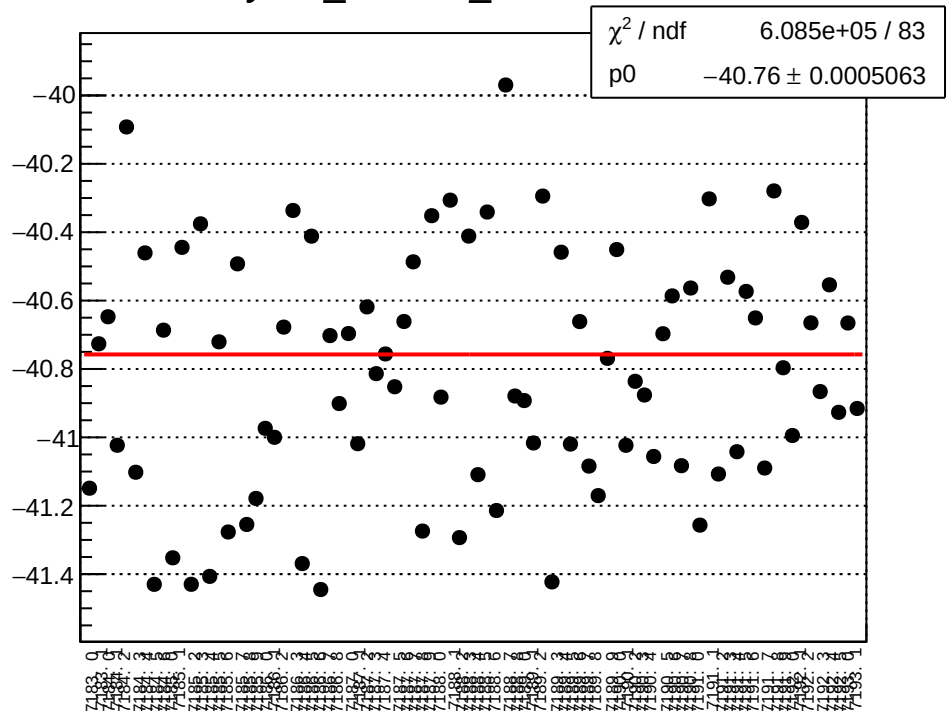
yield_cav4cX_mean vs run



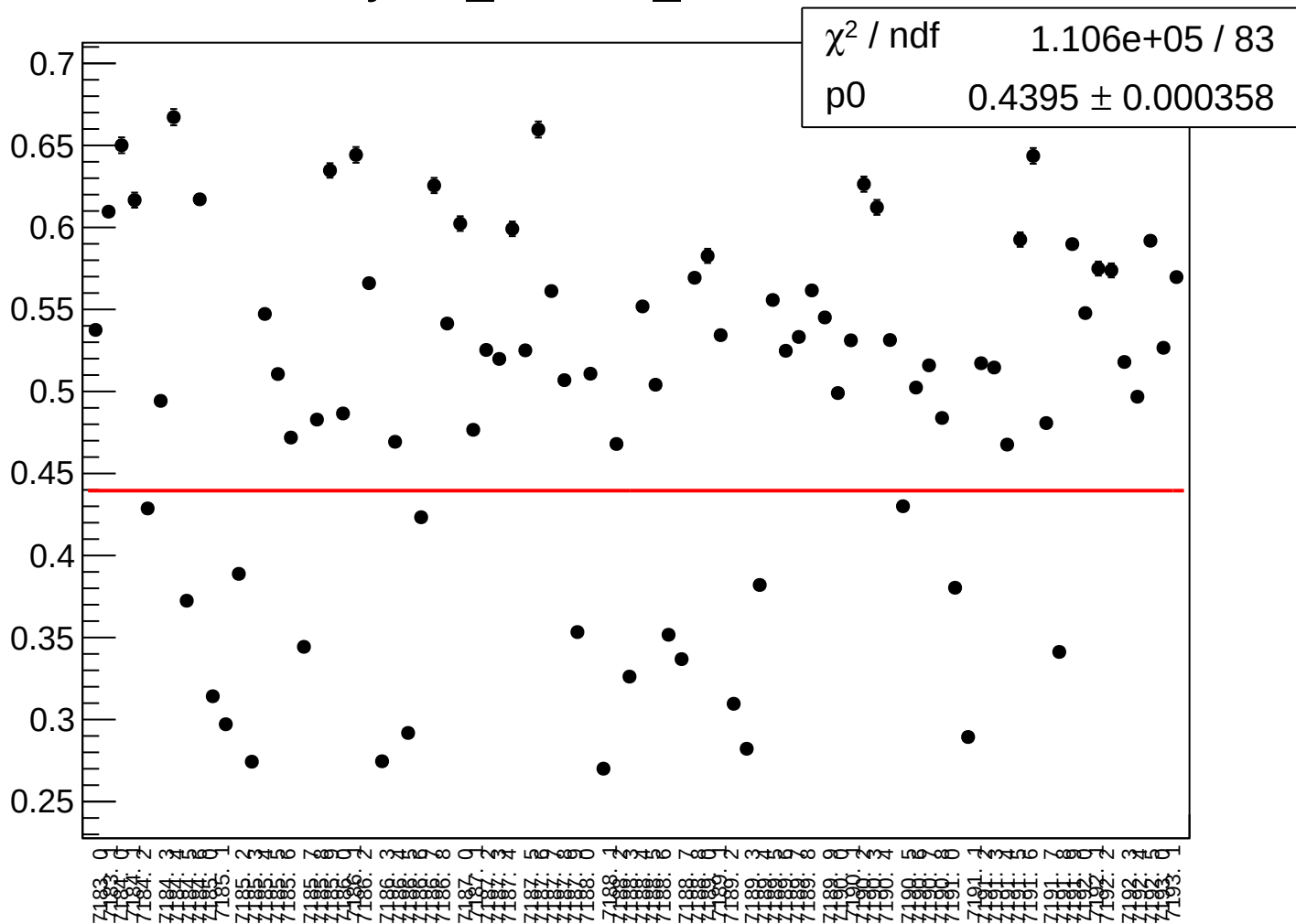
yield_cav4cX_rms vs run



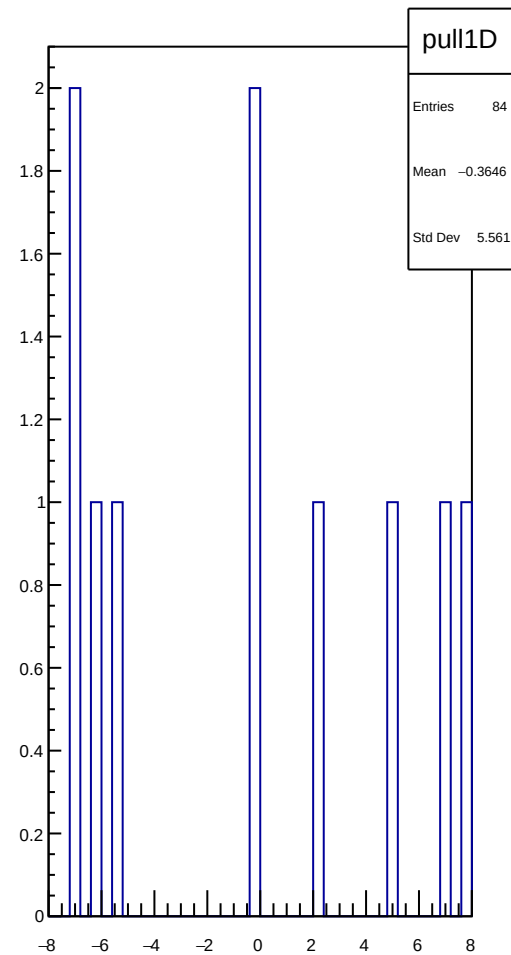
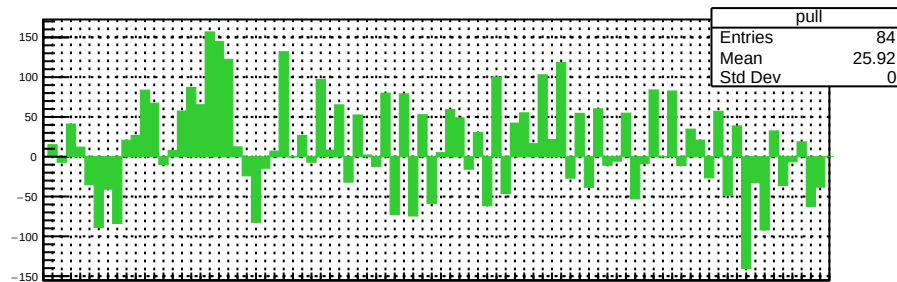
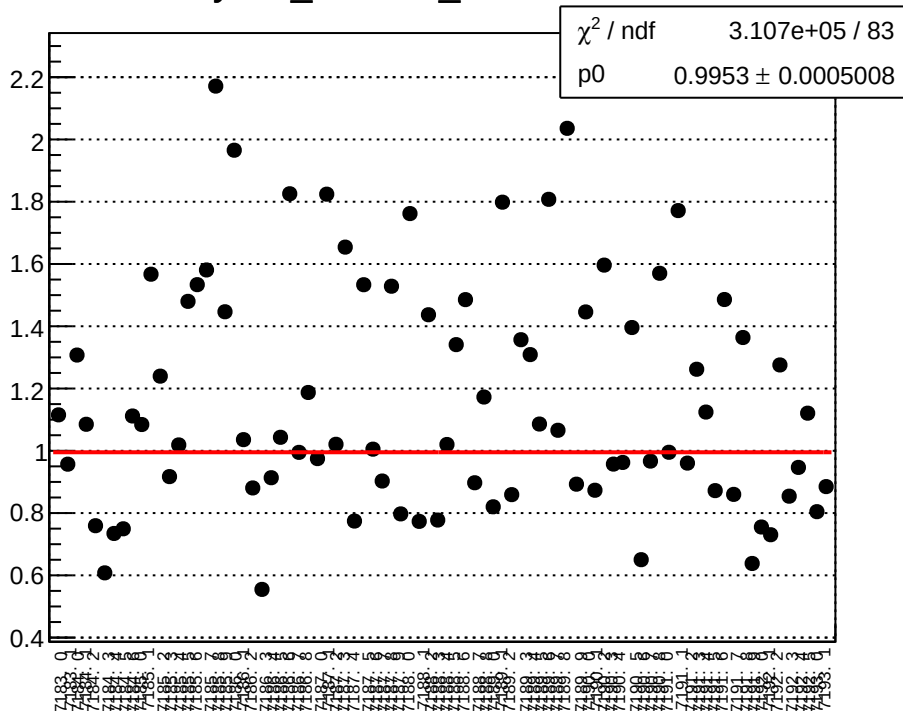
yield_cav4cY_mean vs run



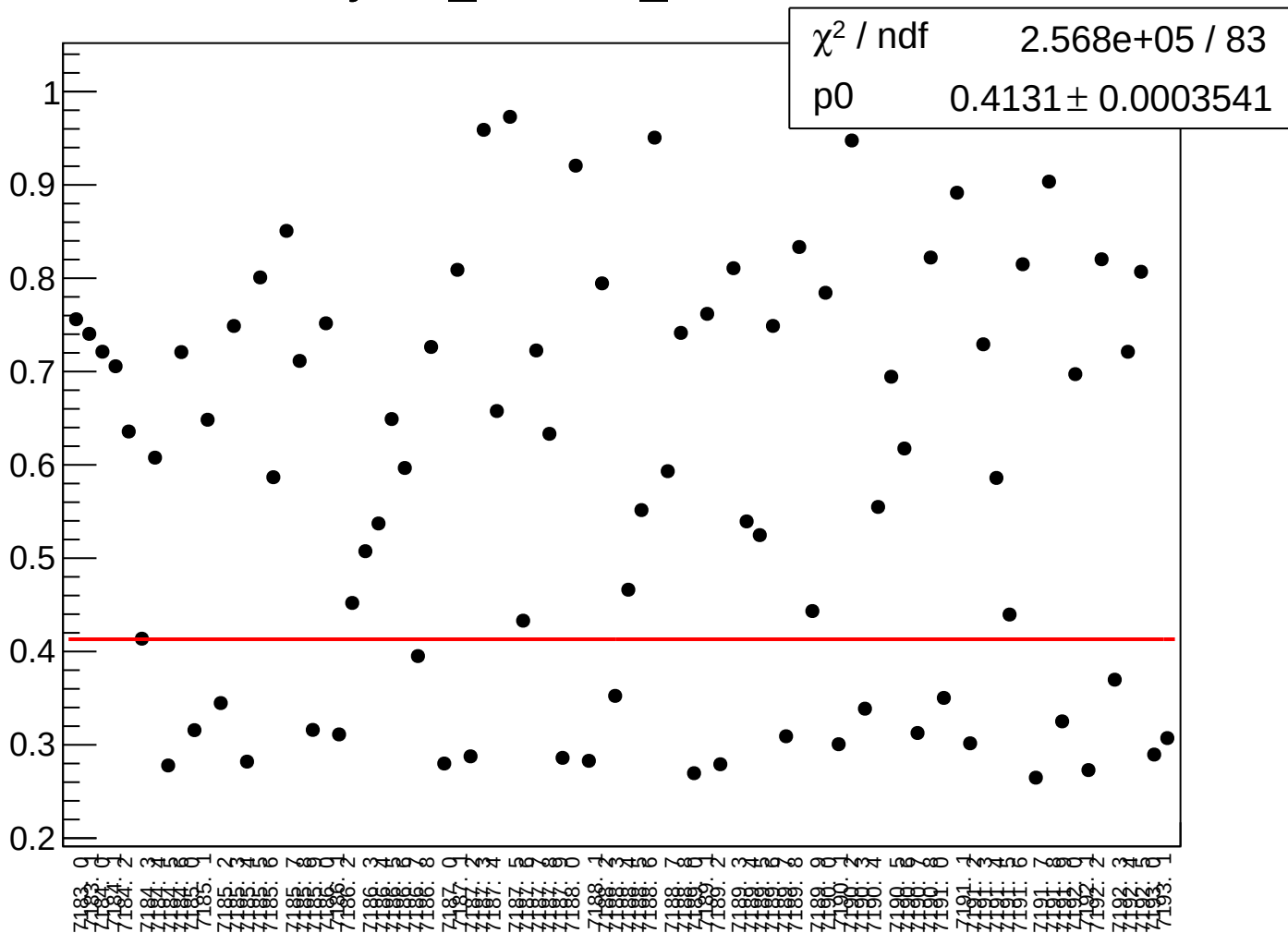
yield_cav4cY_rms vs run



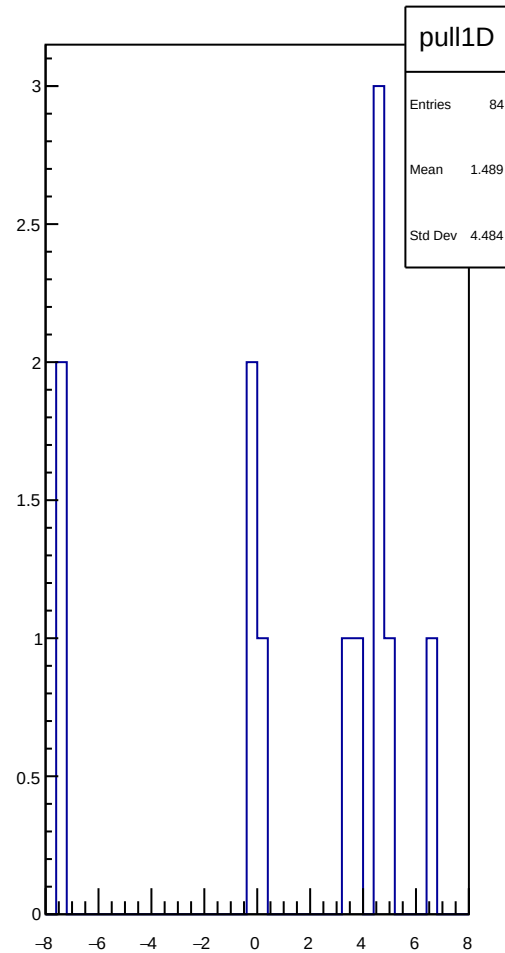
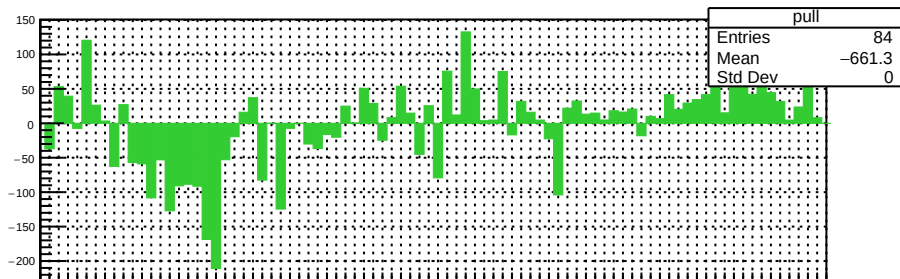
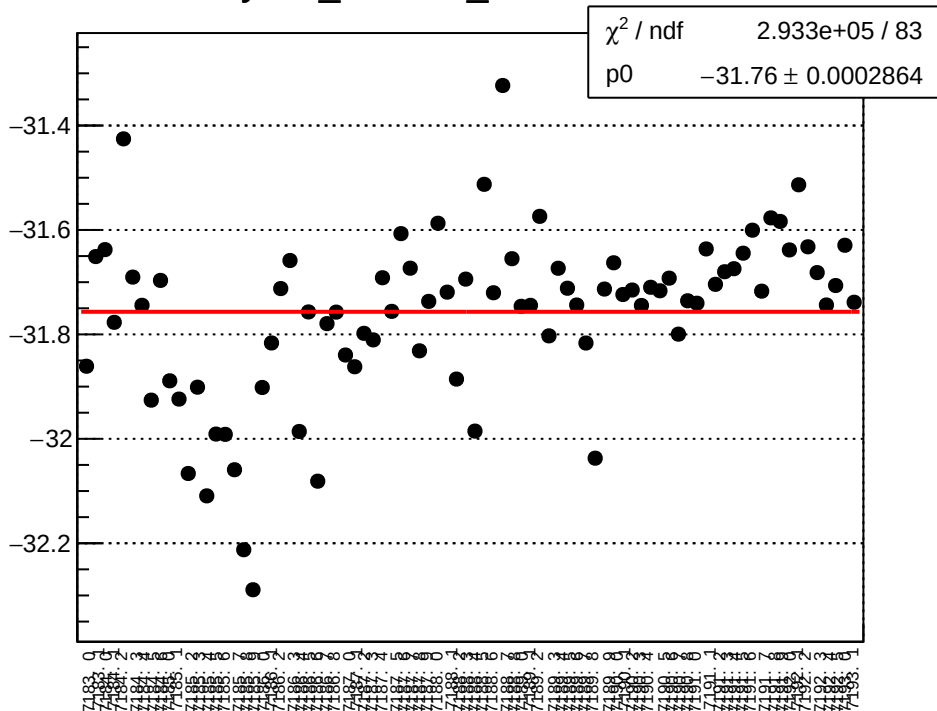
yield_cav4dX_mean vs run



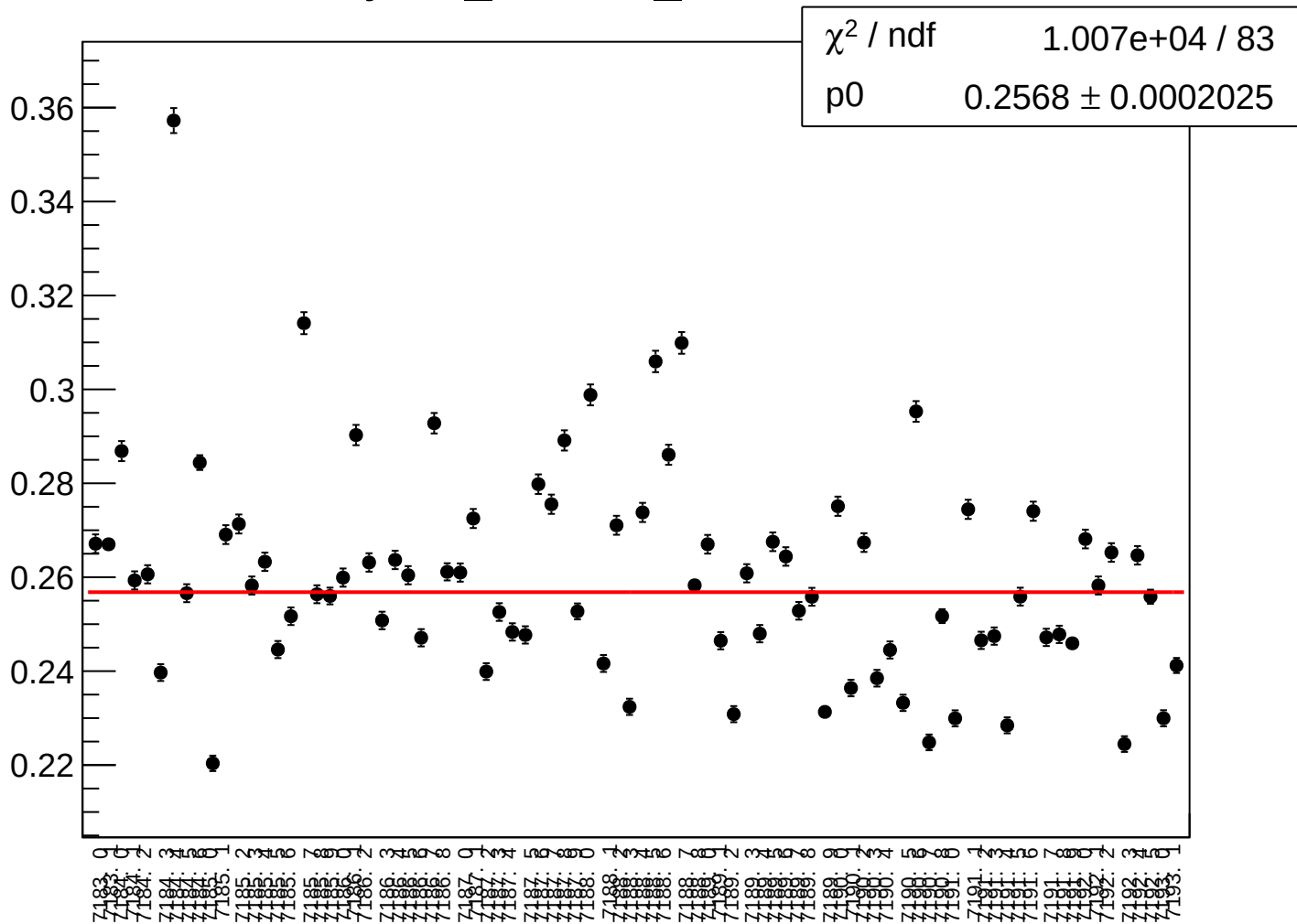
yield_cav4dX_rms vs run



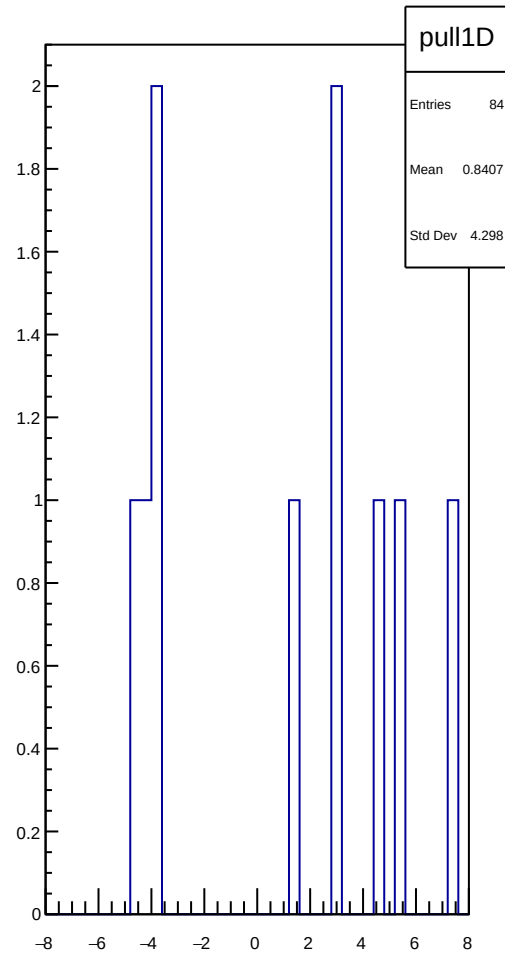
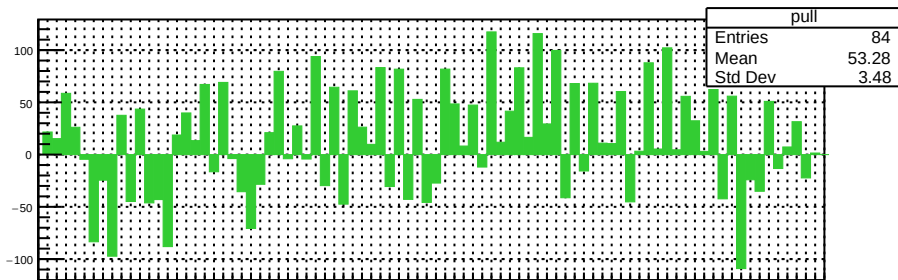
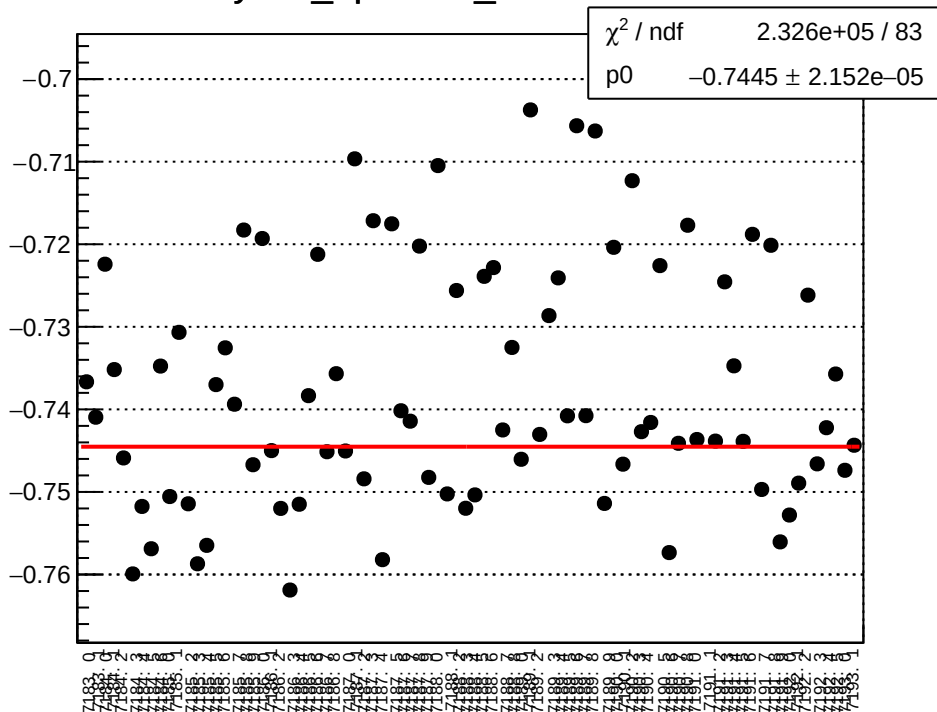
yield_cav4dY_mean vs run



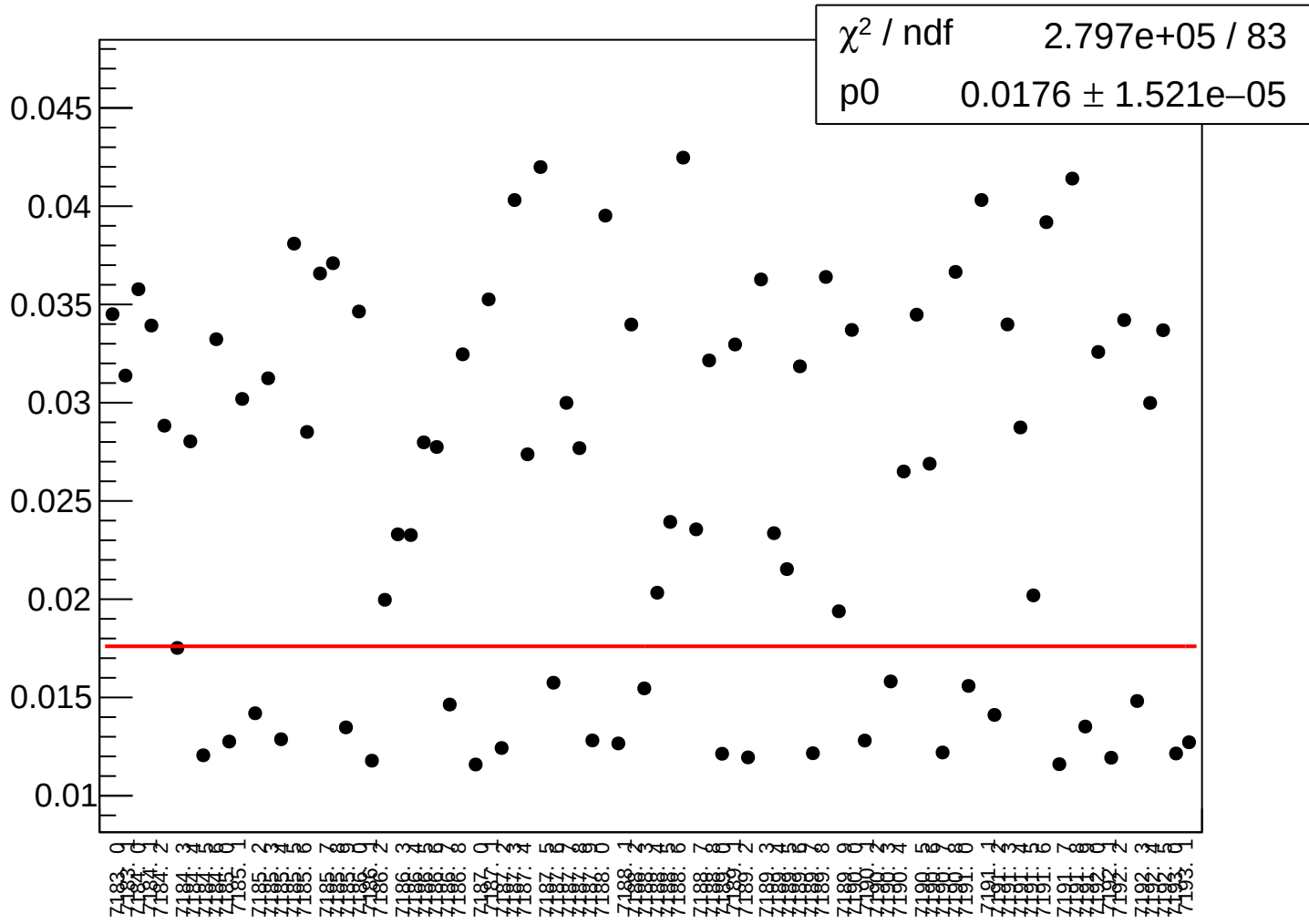
yield_cav4dY_rms vs run



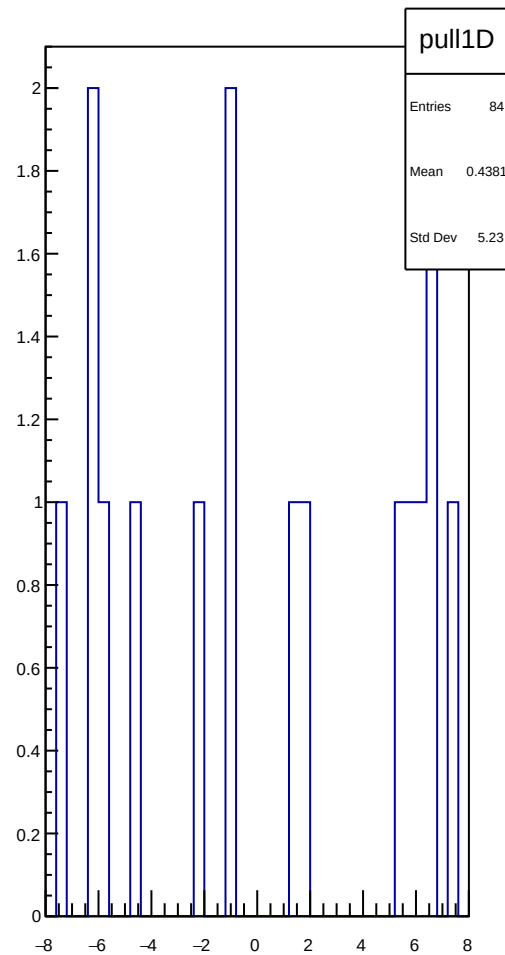
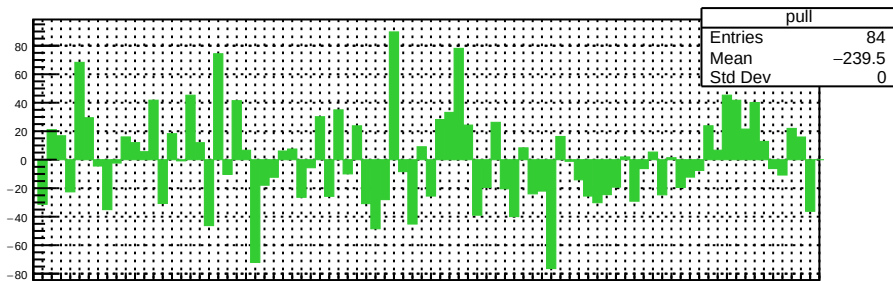
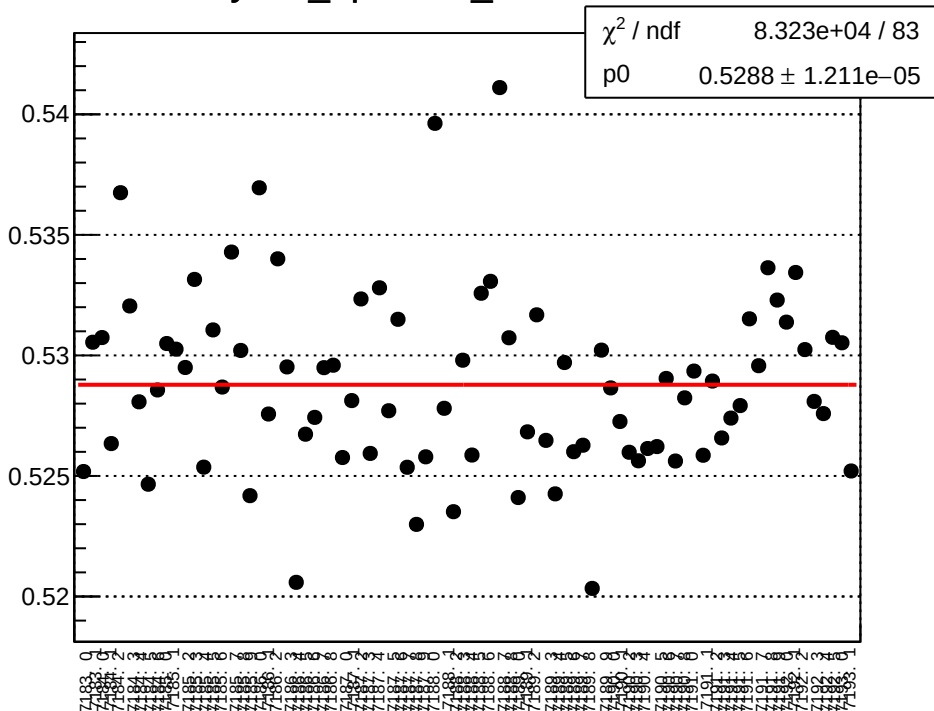
yield_bpm4aX_mean vs run



yield_bpm4aX_rms vs run



yield_bpm4aY_mean vs run



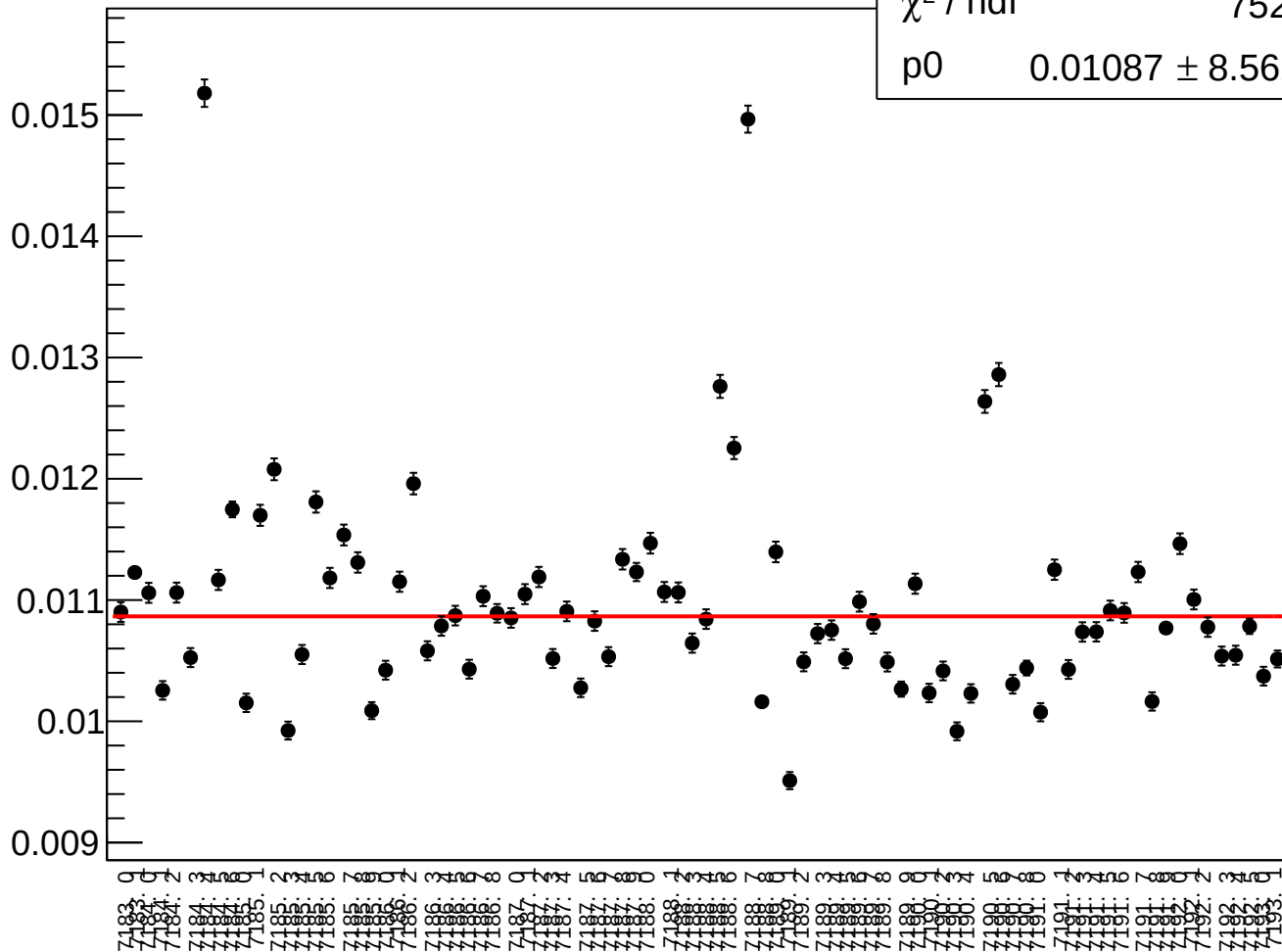
yield_bpm4aY_rms vs run

χ^2 / ndf

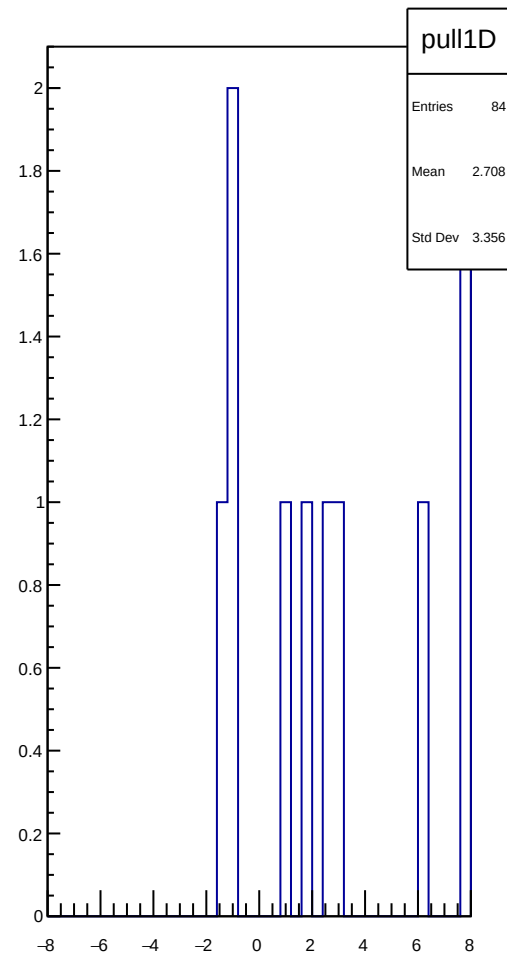
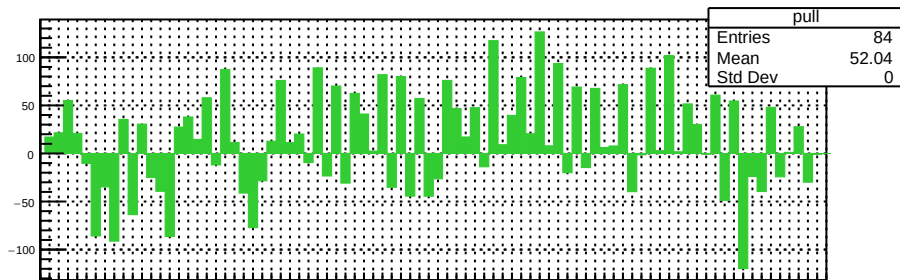
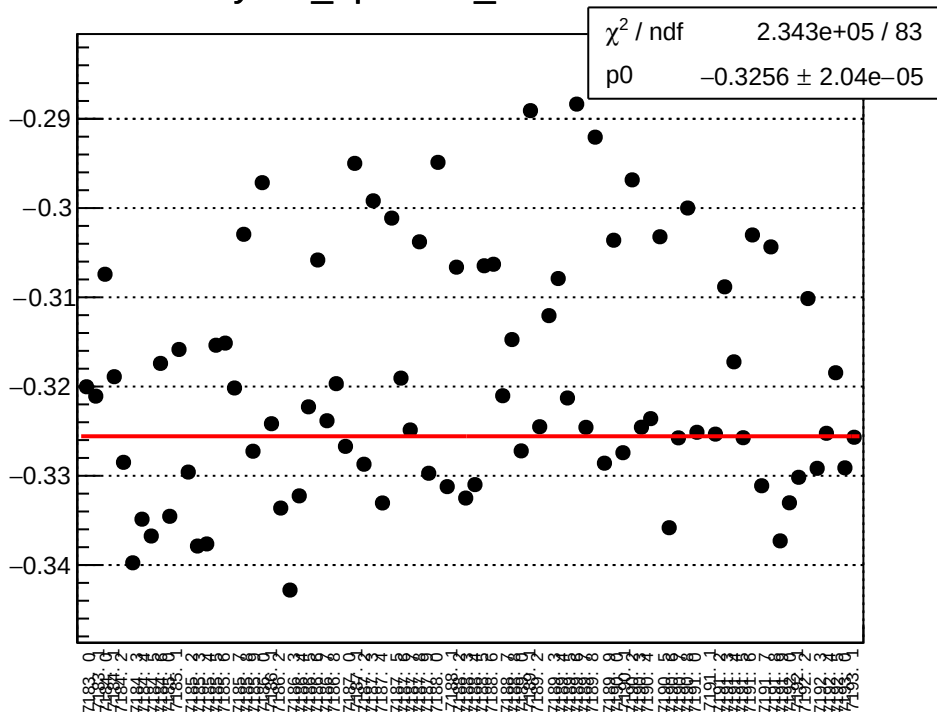
7521 / 83

p0

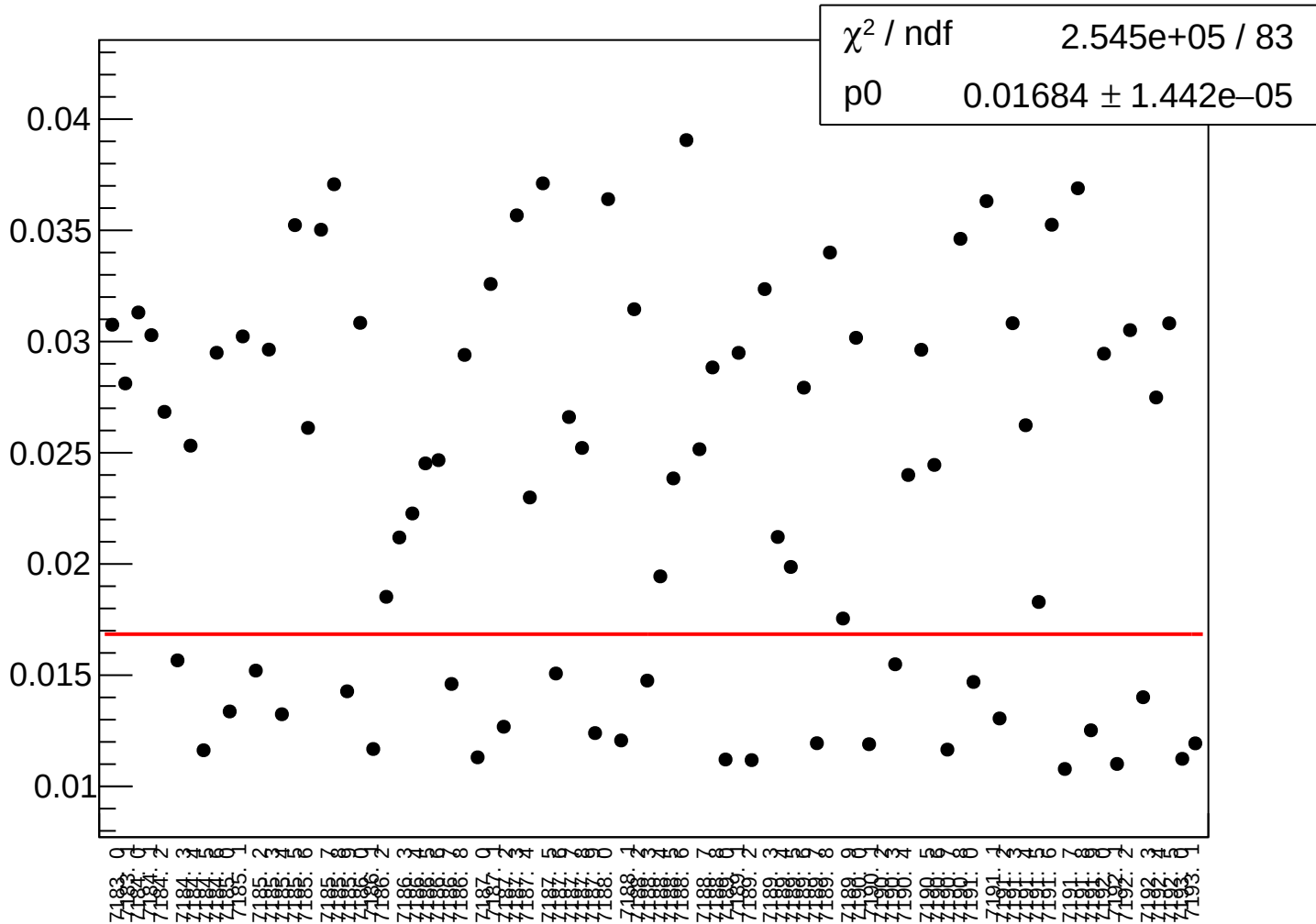
$0.01087 \pm 8.562\text{e-}06$



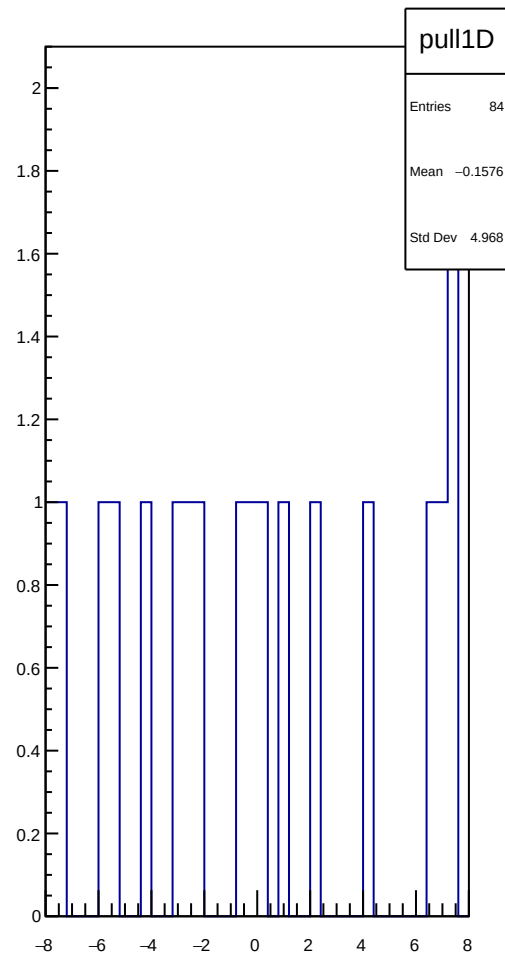
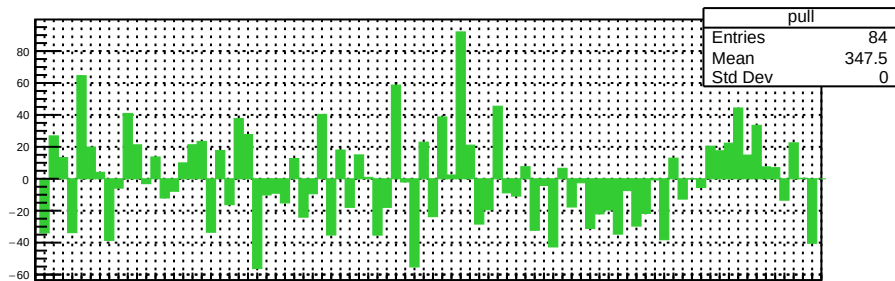
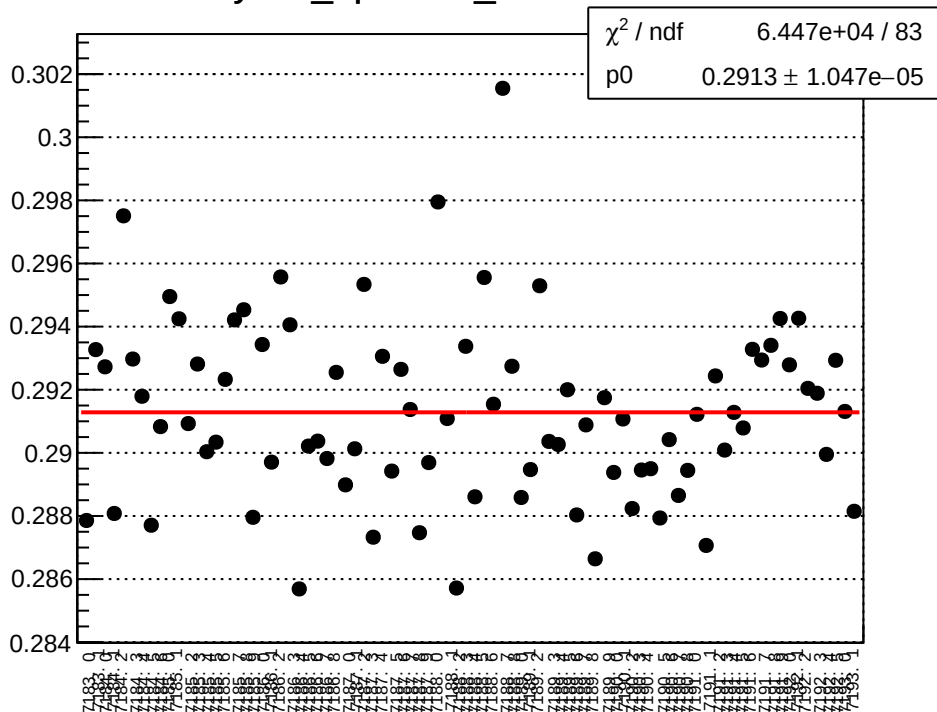
yield_bpm4eX_mean vs run



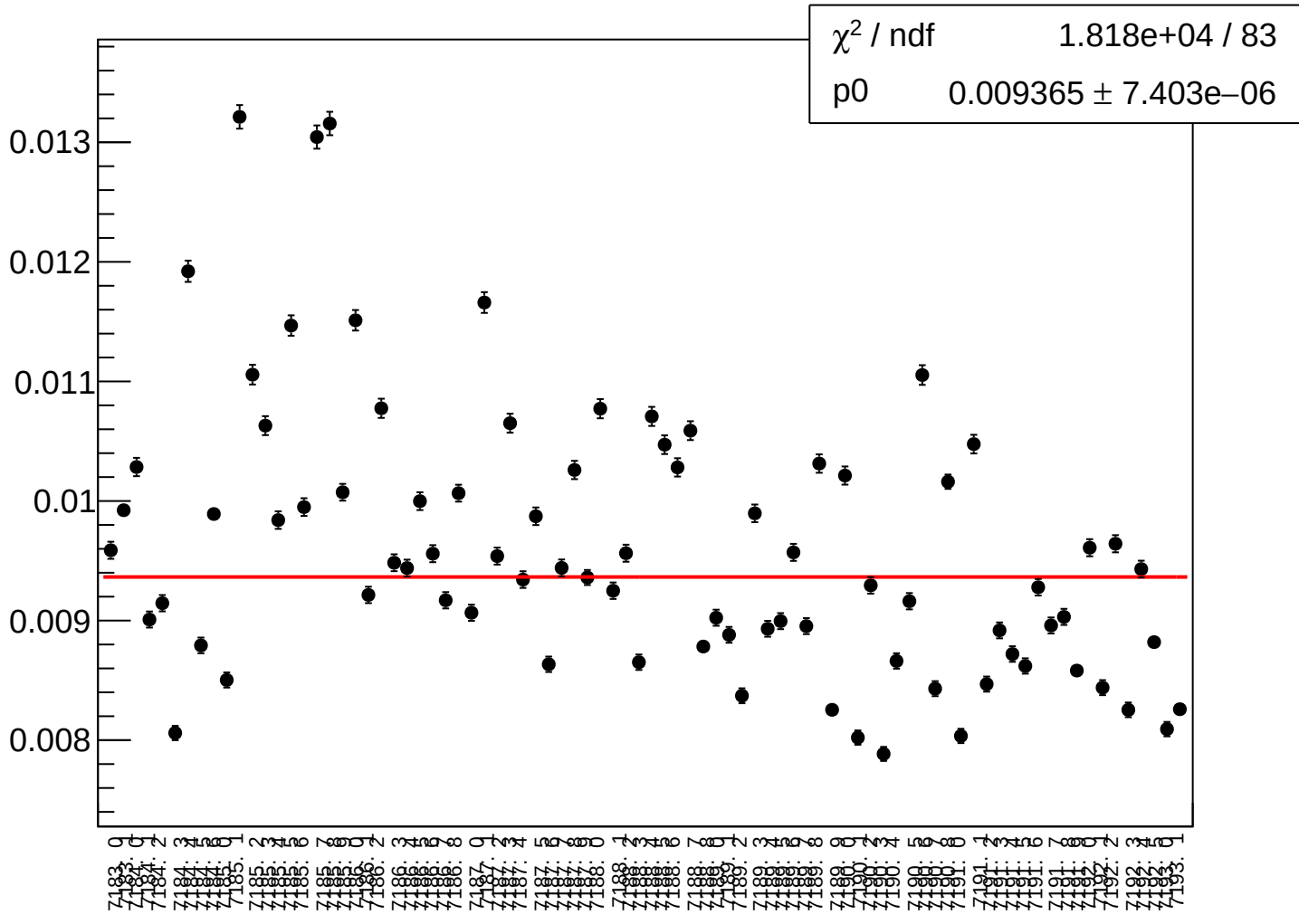
yield_bpm4eX_rms vs run



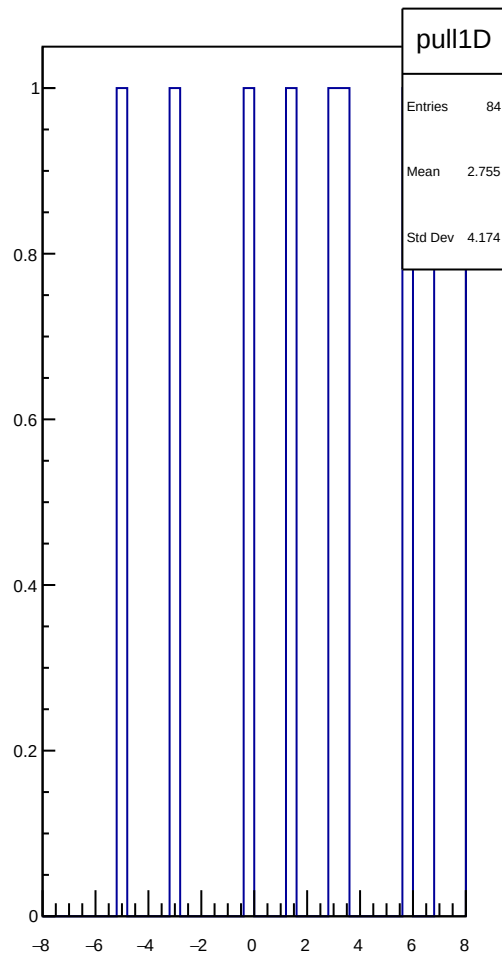
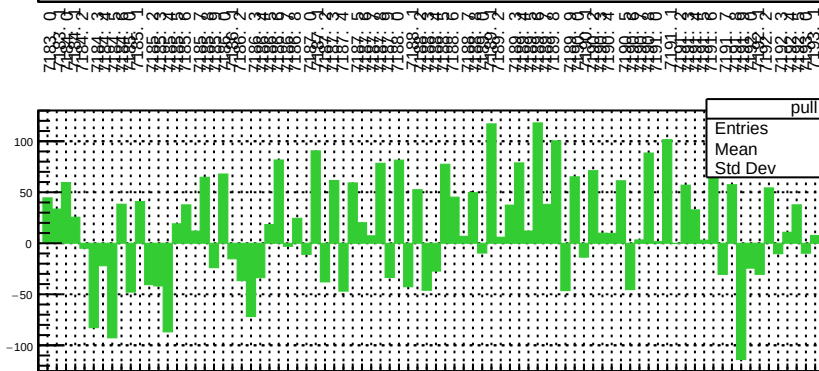
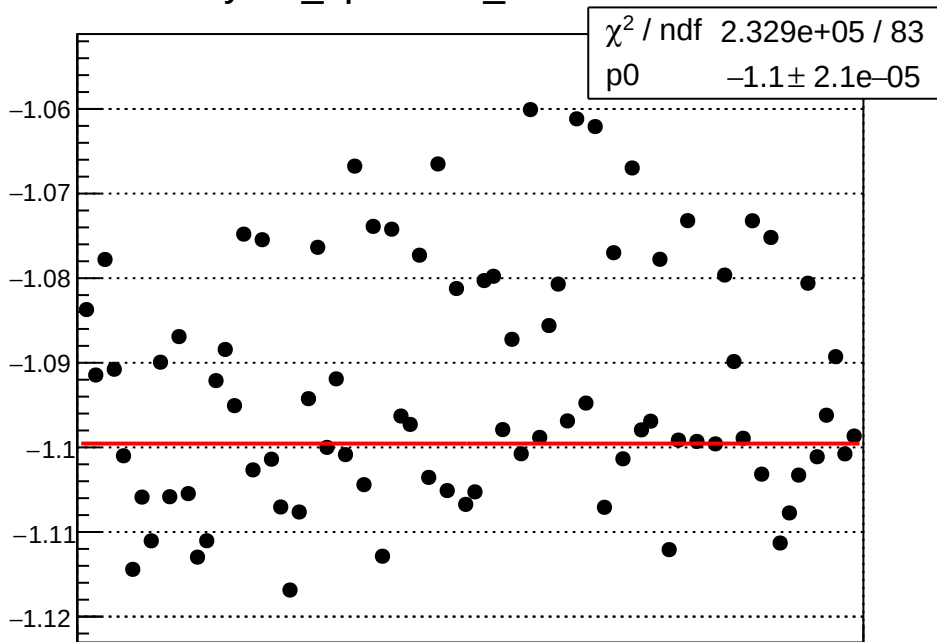
yield_bpm4eY_mean vs run



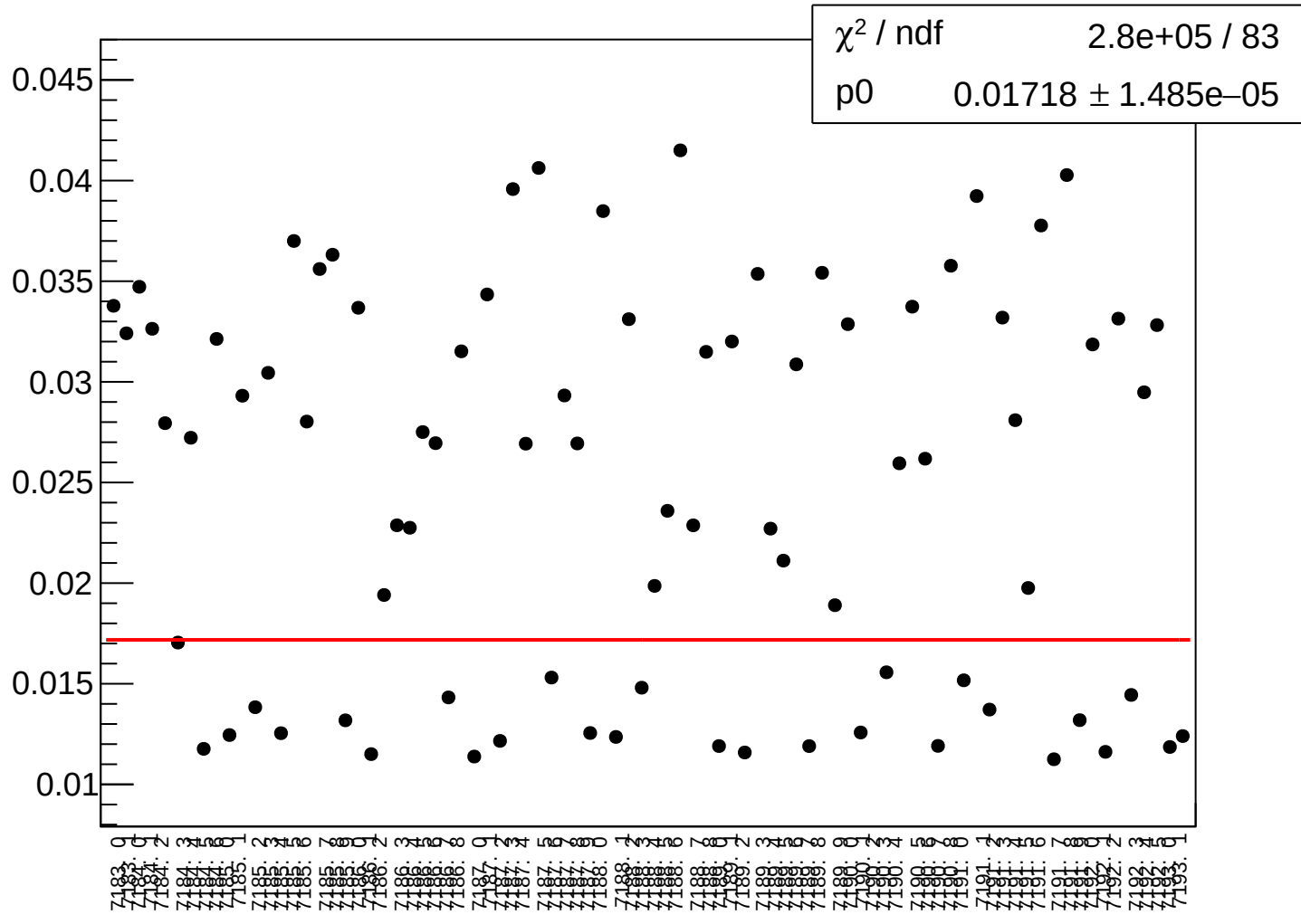
yield_bpm4eY_rms vs run



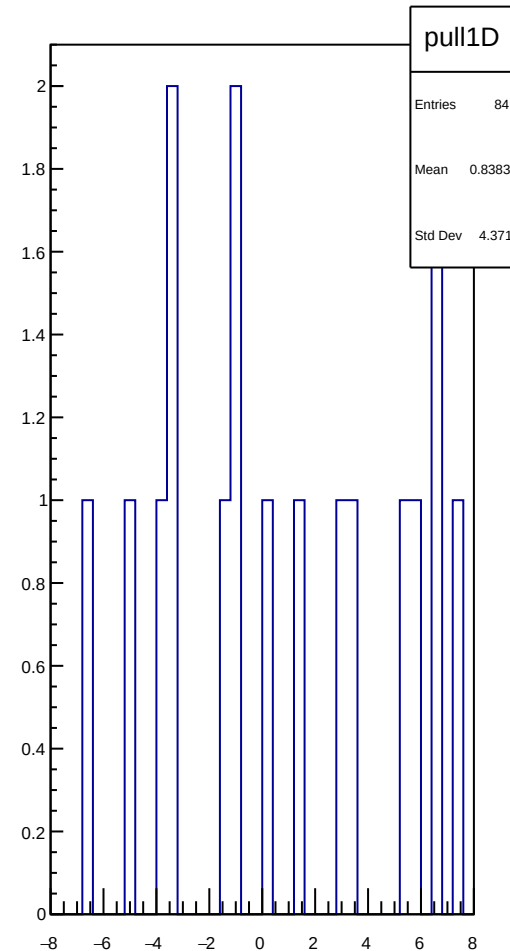
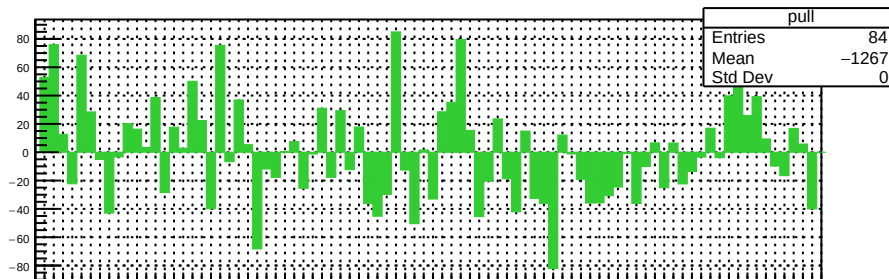
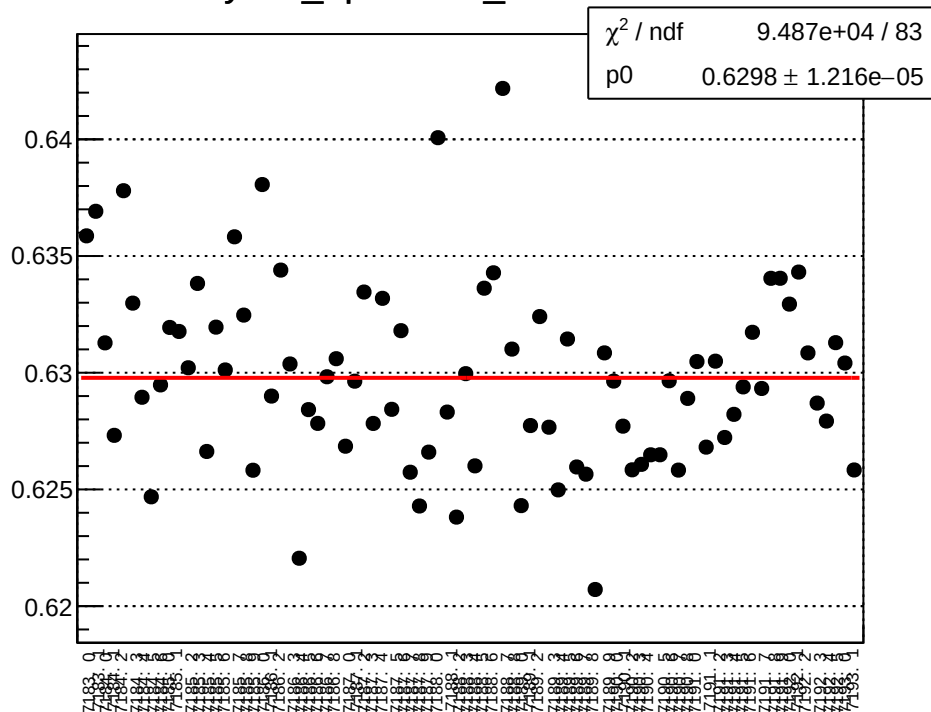
yield_bpm4acX_mean vs run



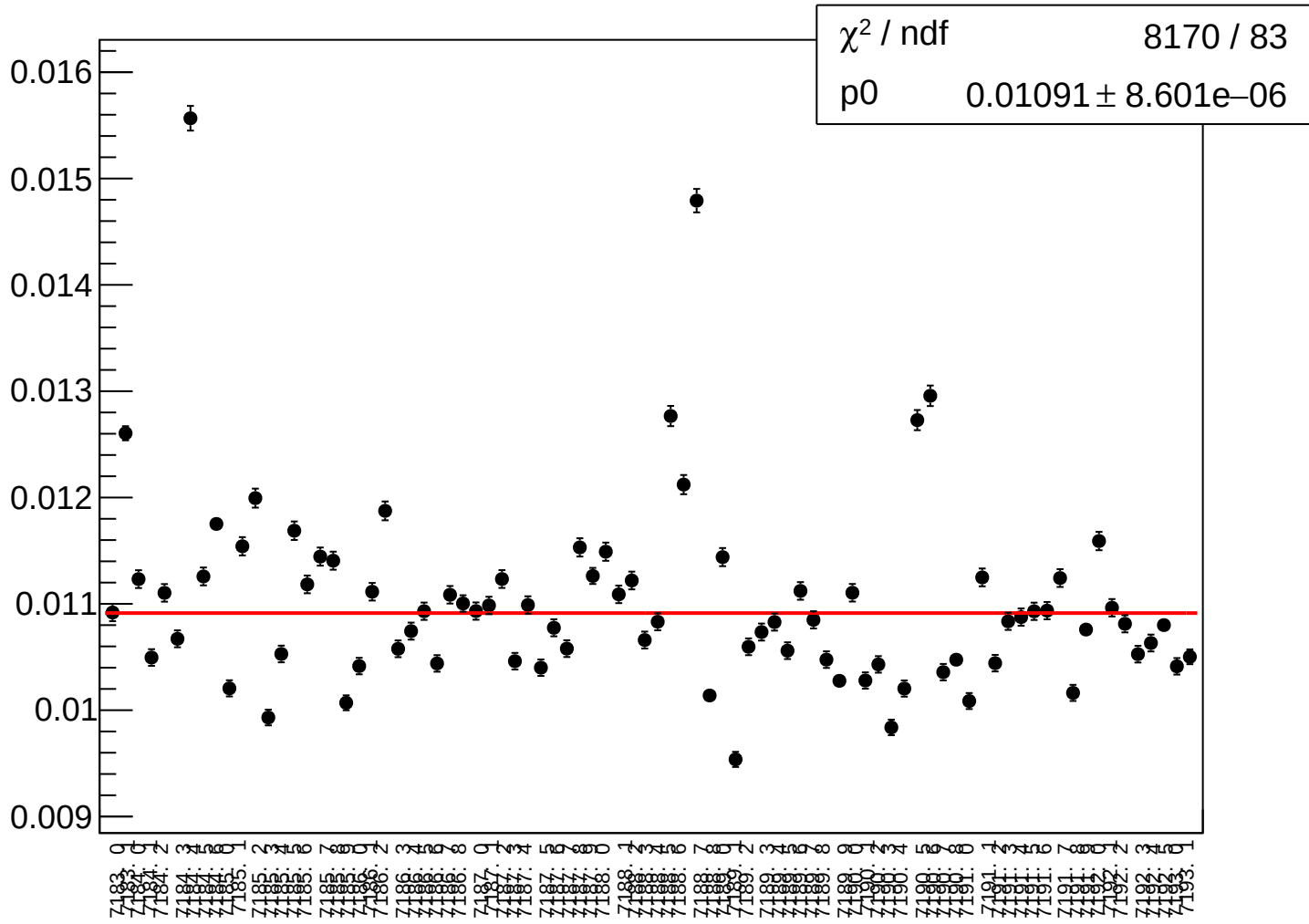
yield_bpm4acX_rms vs run



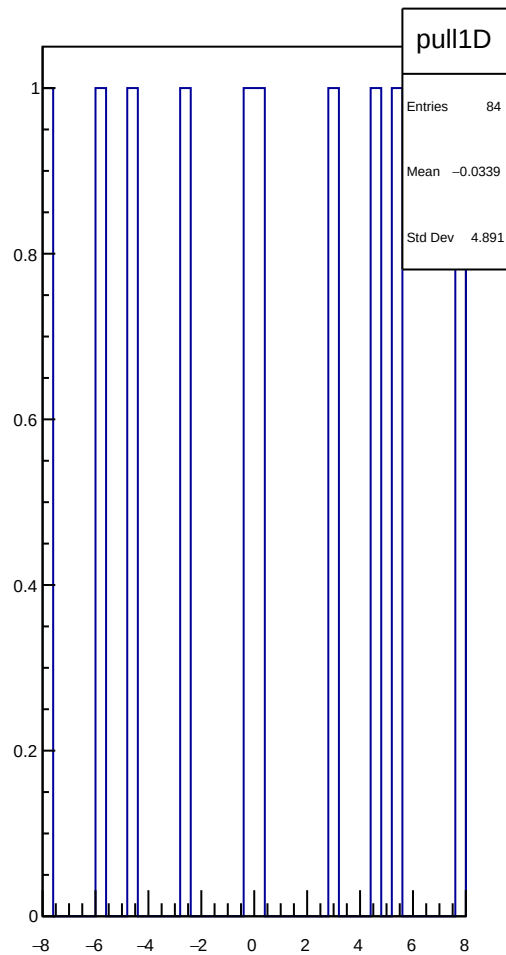
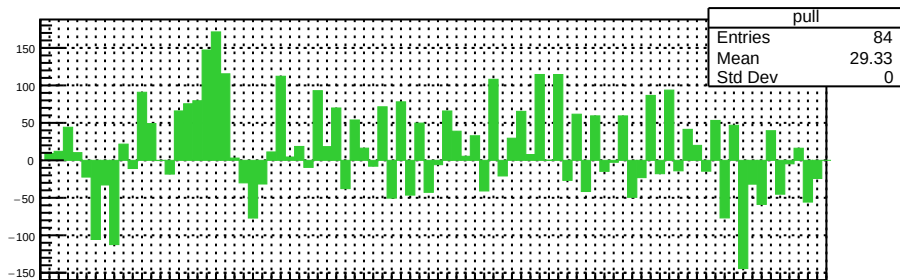
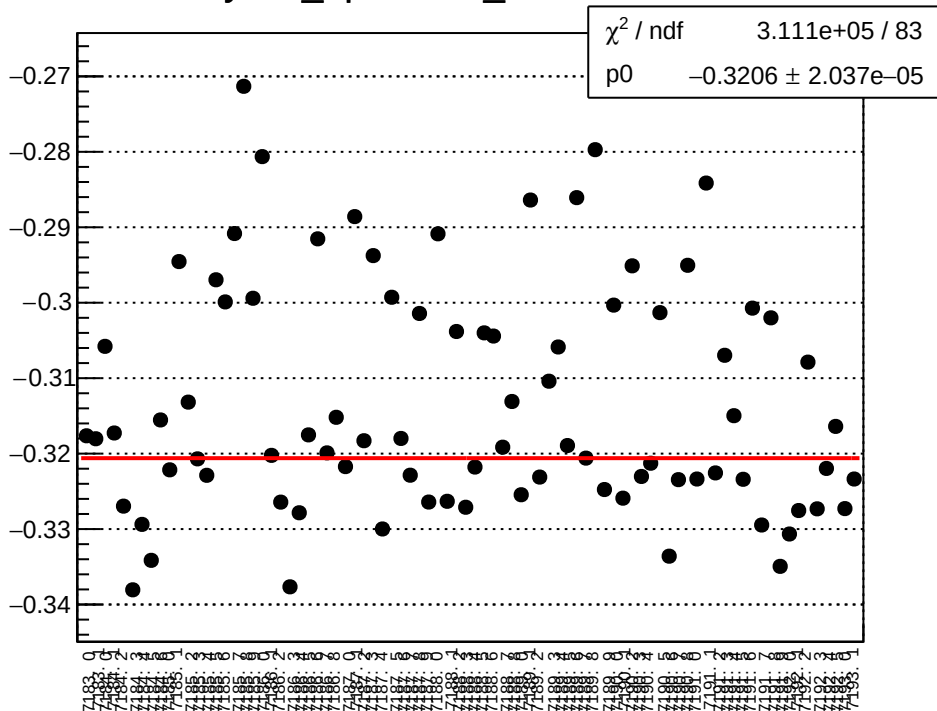
yield_bpm4acY_mean vs run



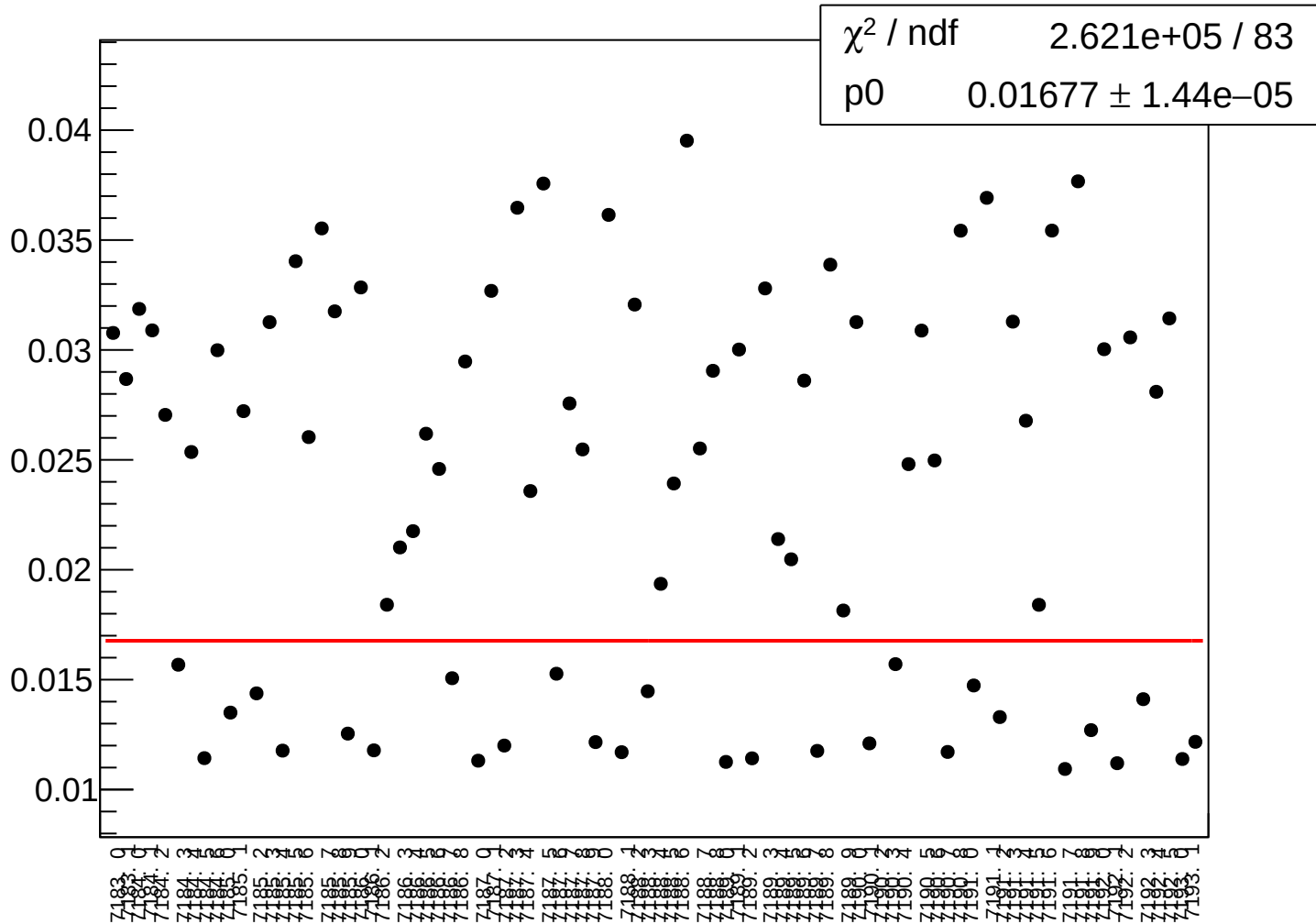
yield_bpm4acY_rms vs run



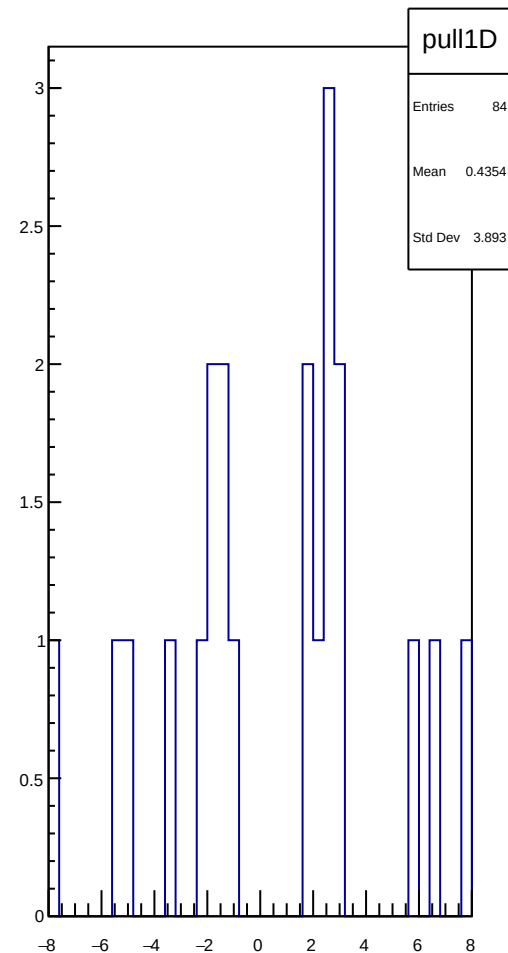
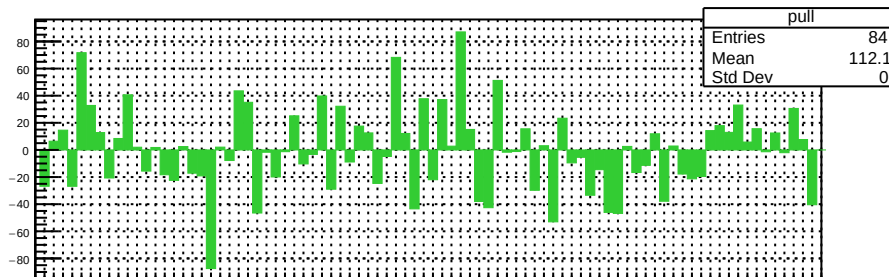
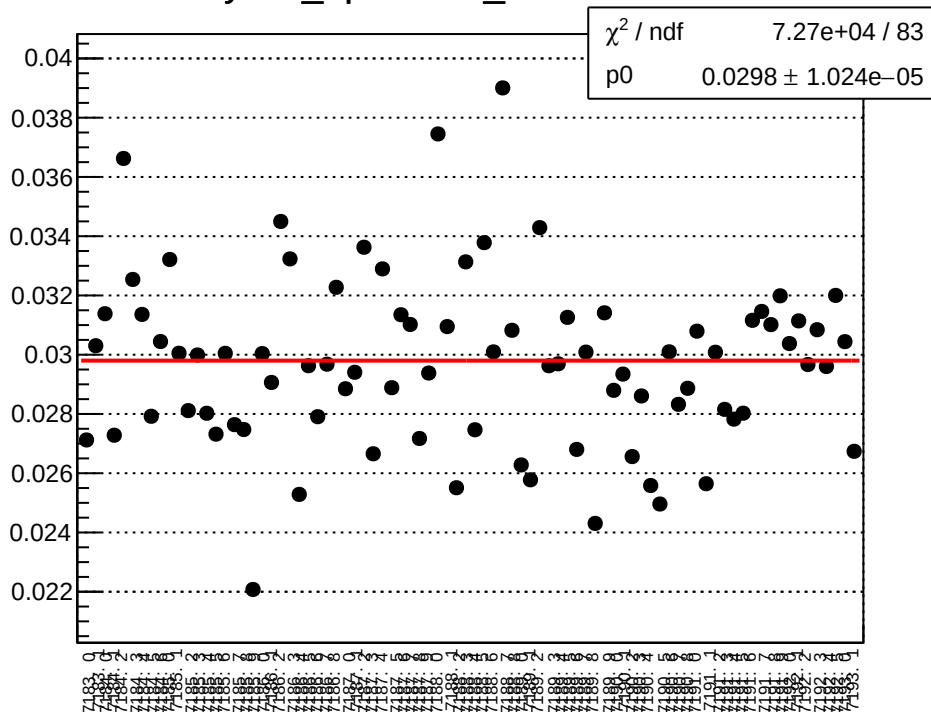
yield_bpm4ecX_mean vs run



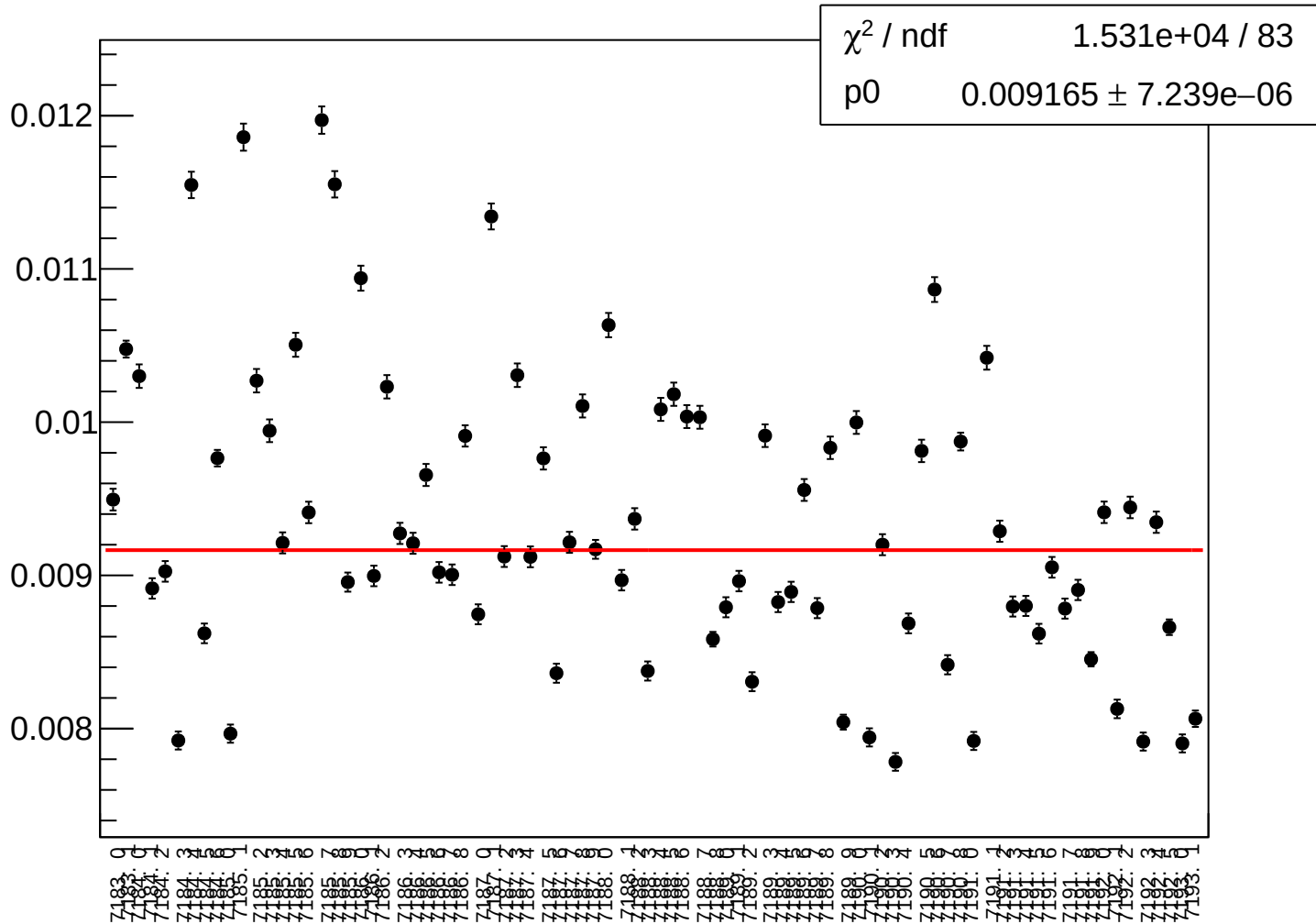
yield_bpm4ecX_rms vs run



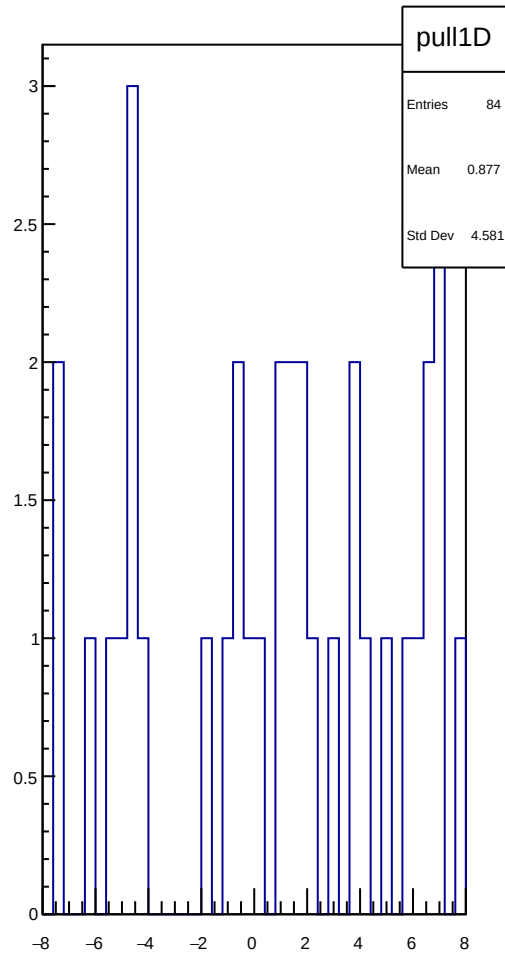
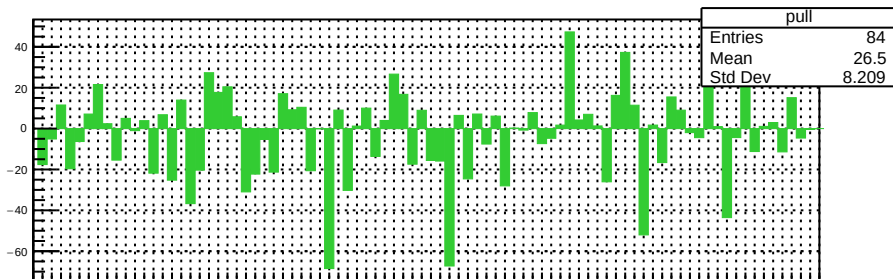
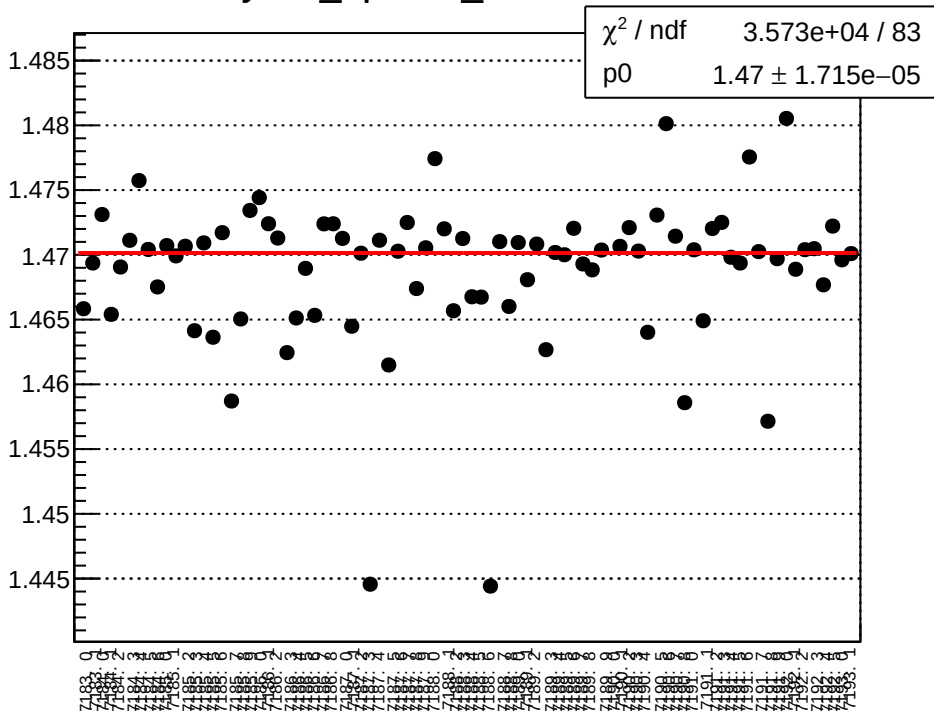
yield_bpm4ecY_mean vs run



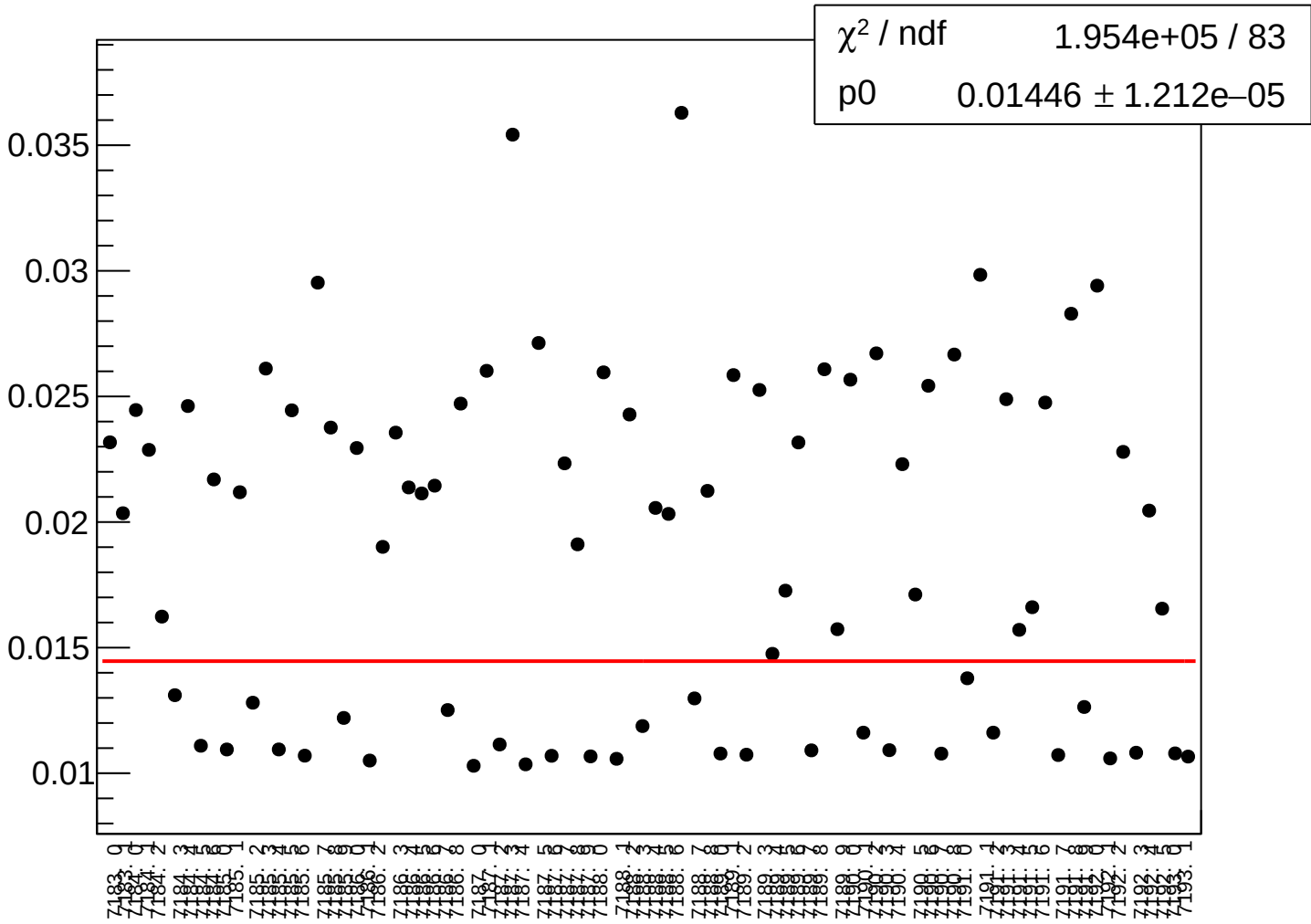
yield_bpm4ecY_rms vs run



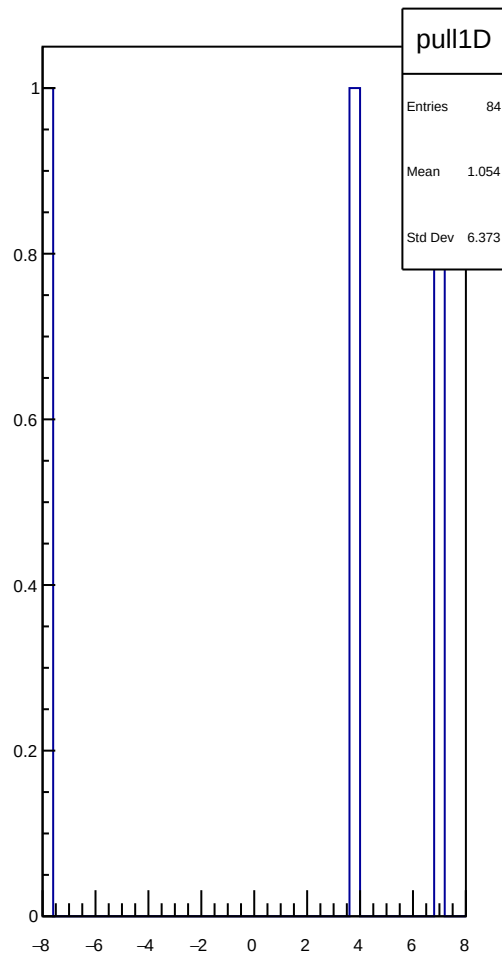
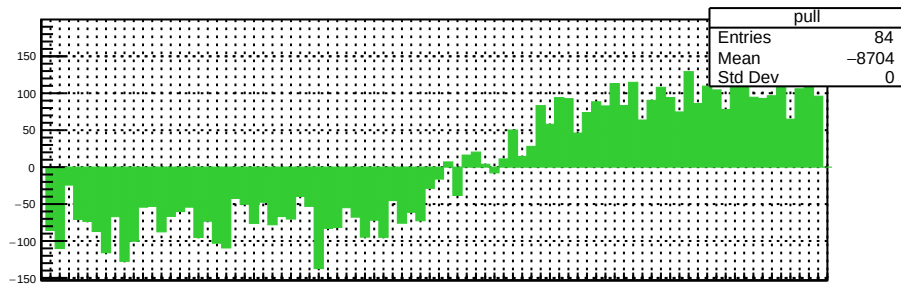
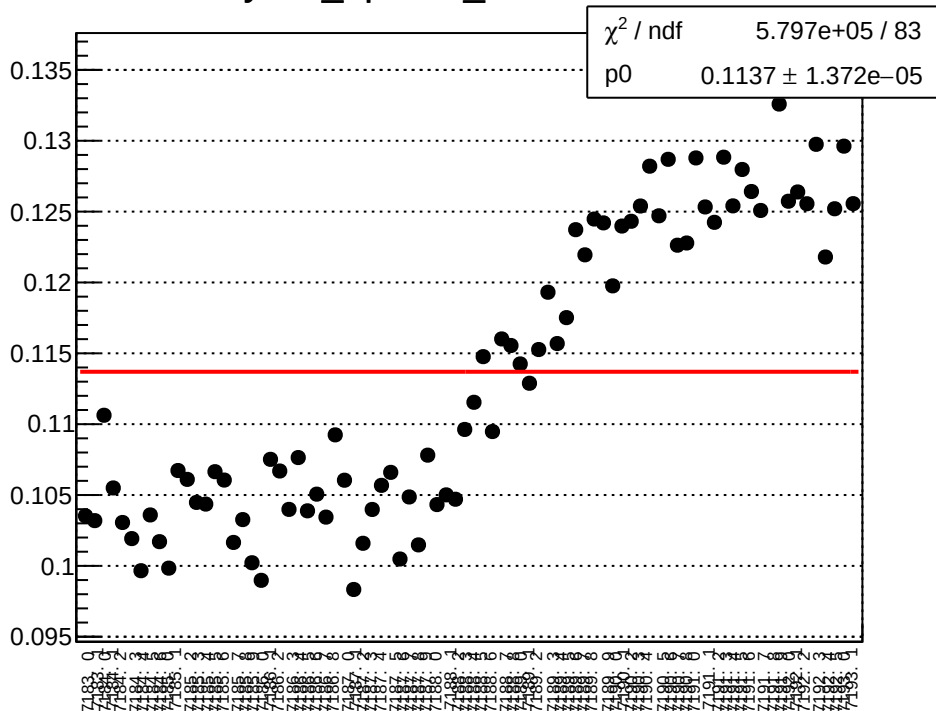
yield_bpm1X_mean vs run



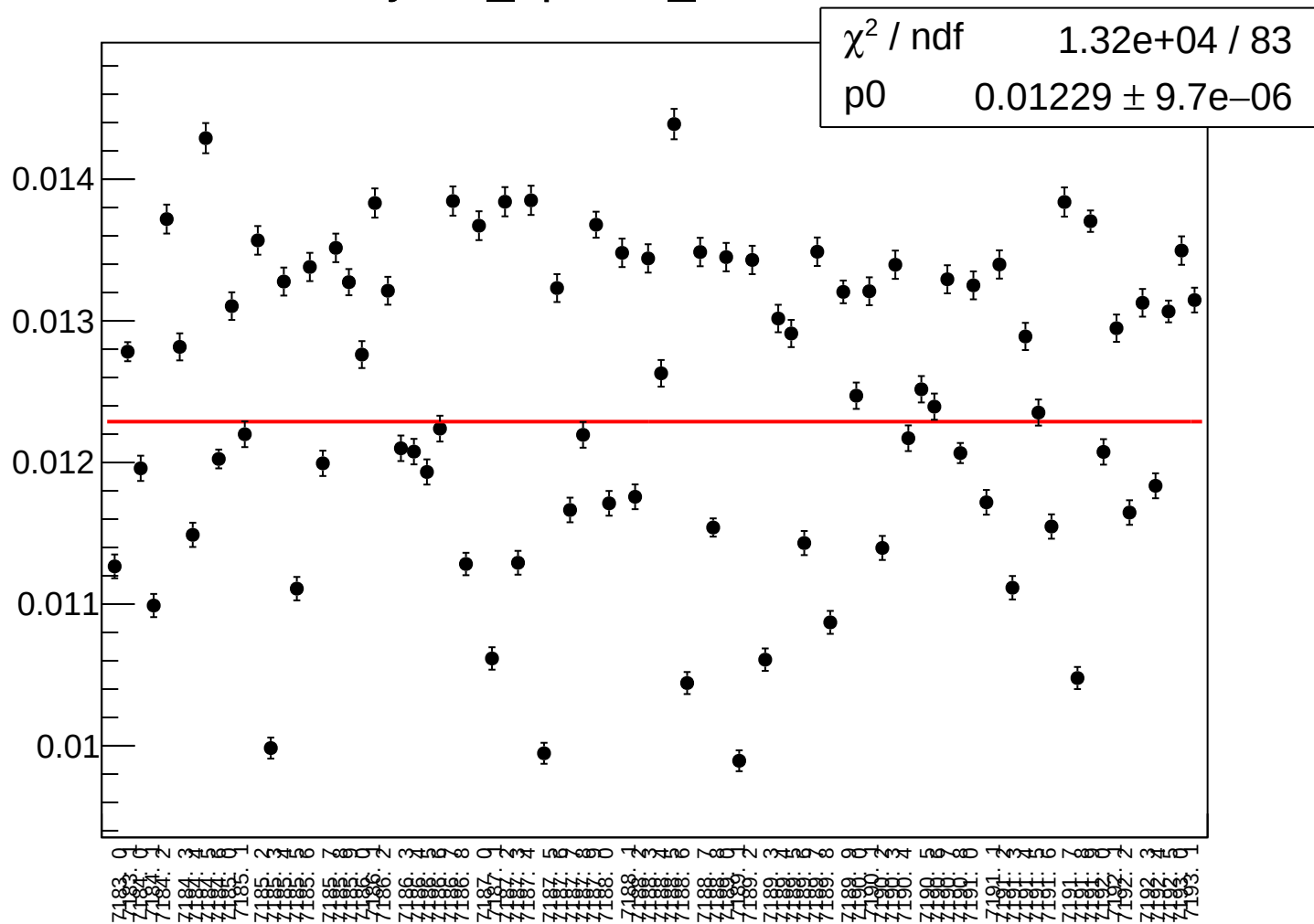
yield_bpm1X_rms vs run



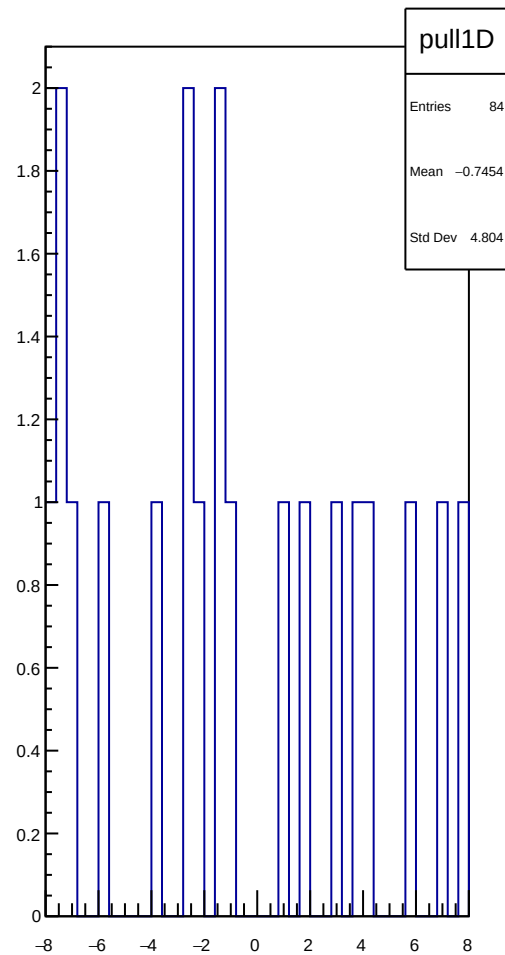
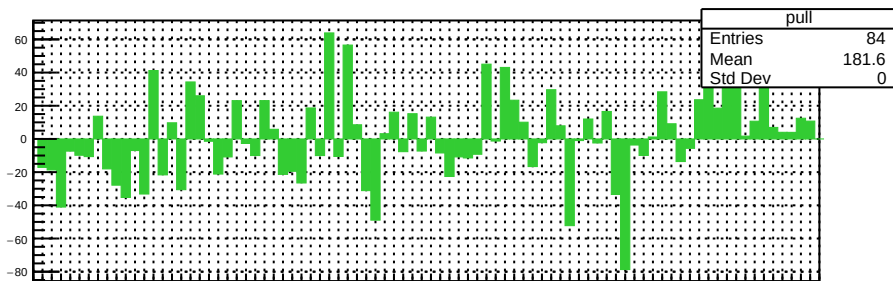
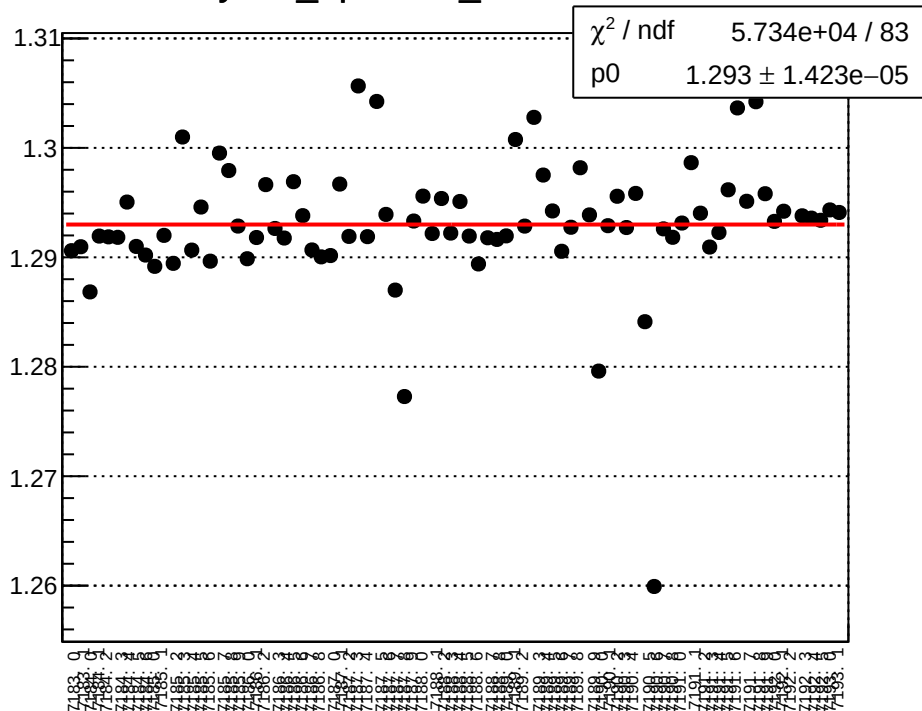
yield_bpm1Y_mean vs run



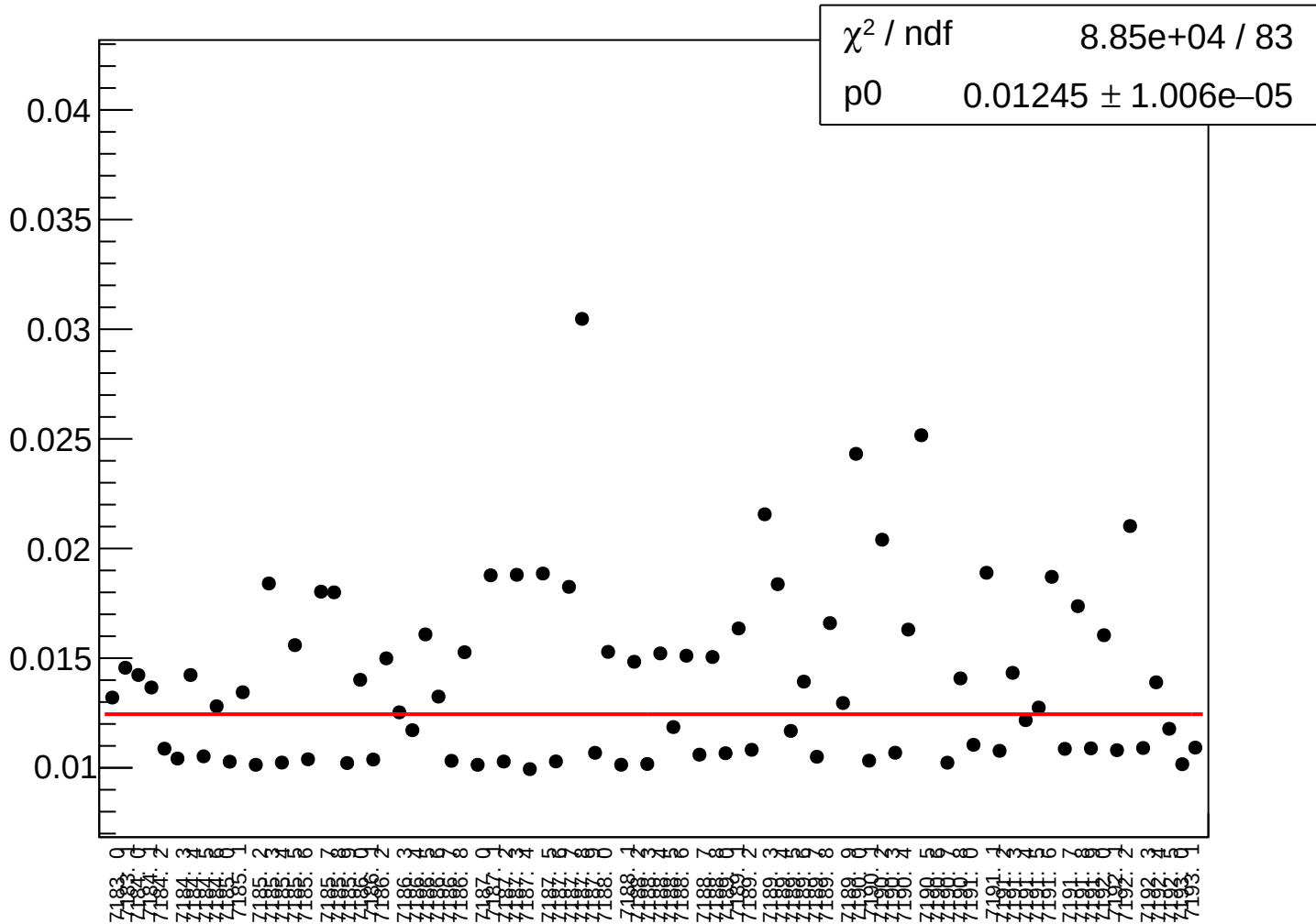
yield_bpm1Y_rms vs run



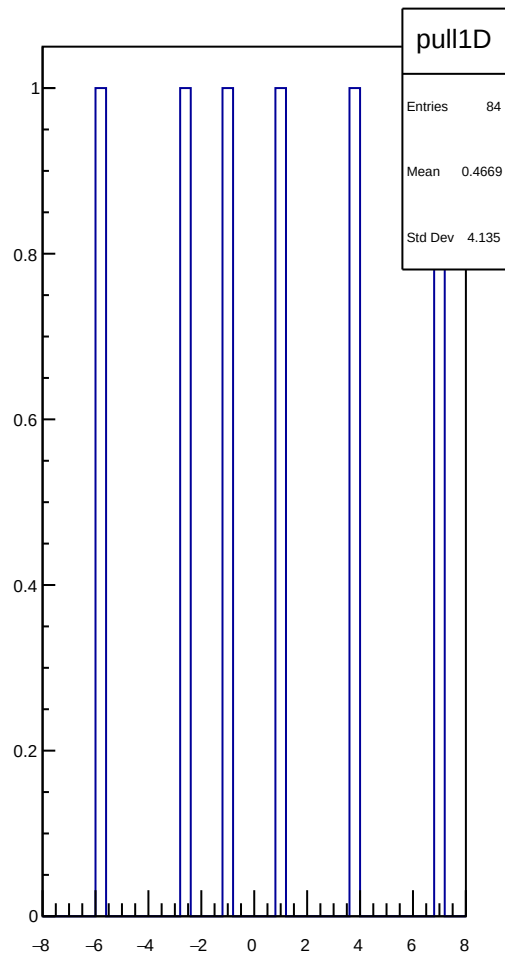
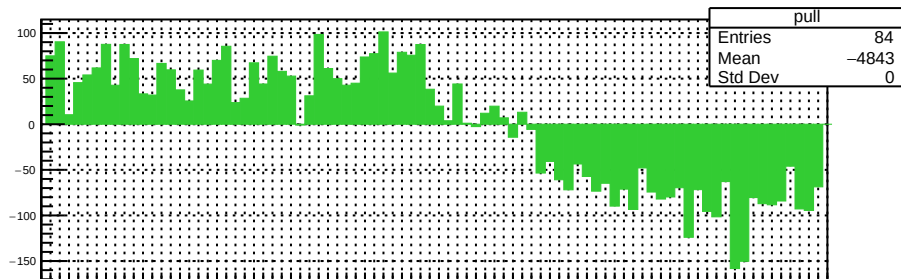
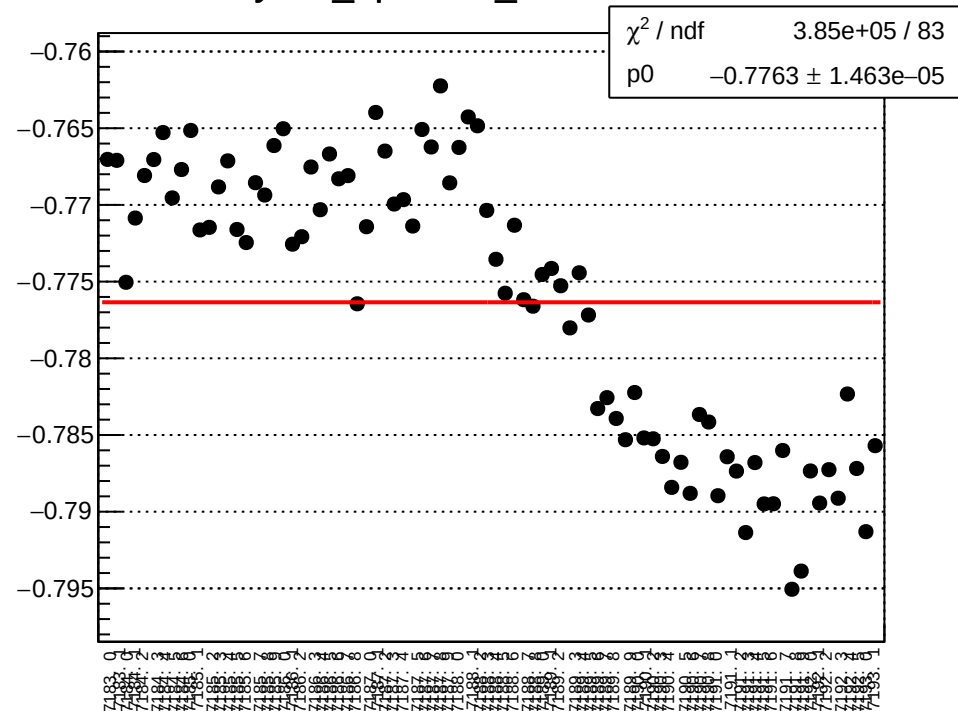
yield_bpm11X_mean vs run



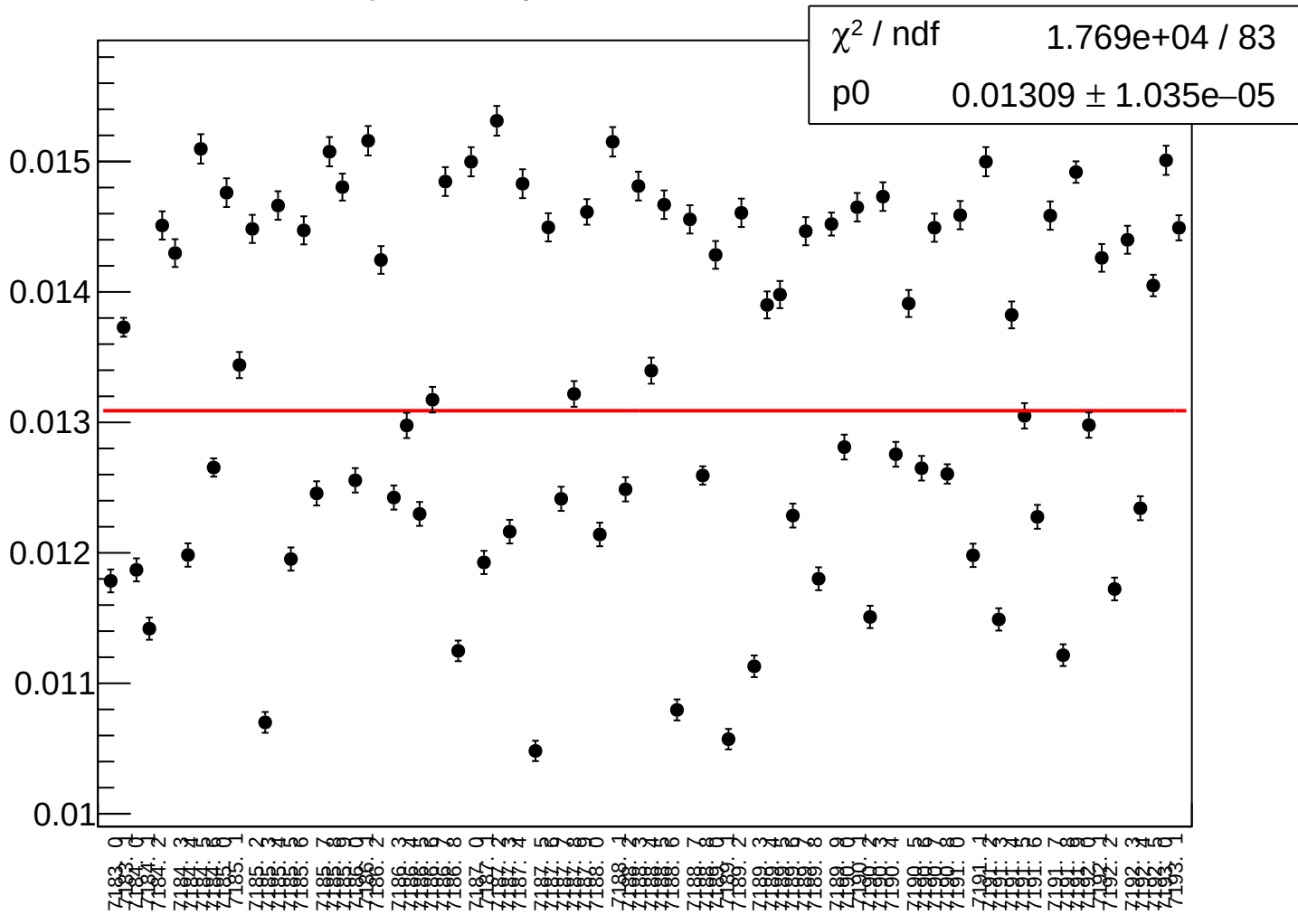
yield_bpm11X_rms vs run



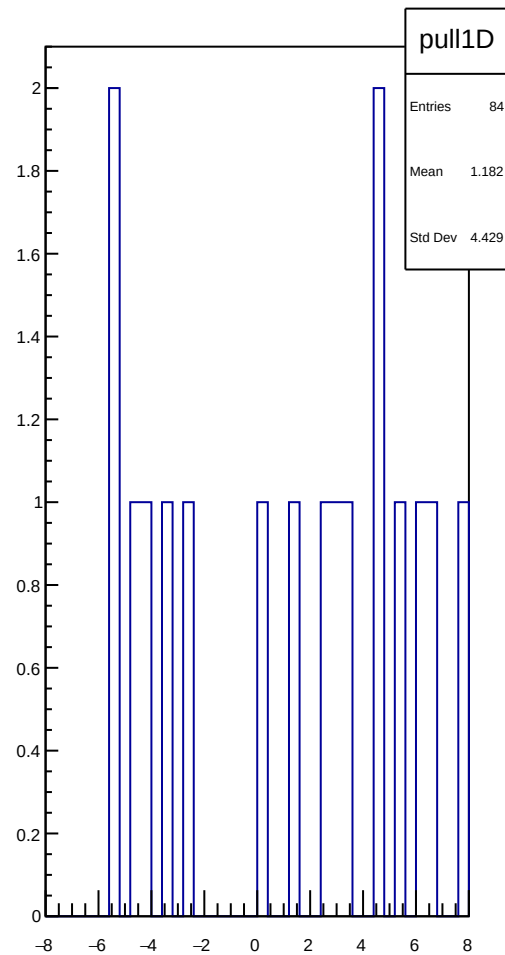
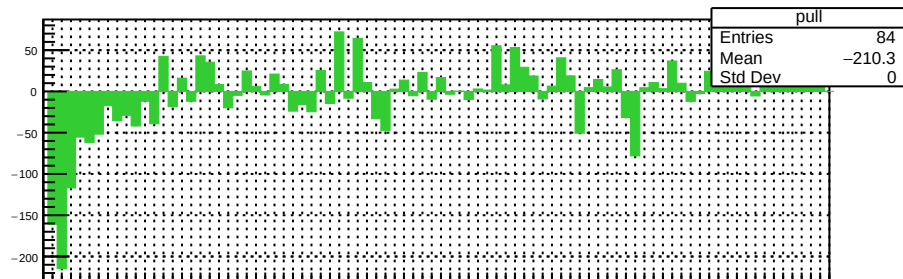
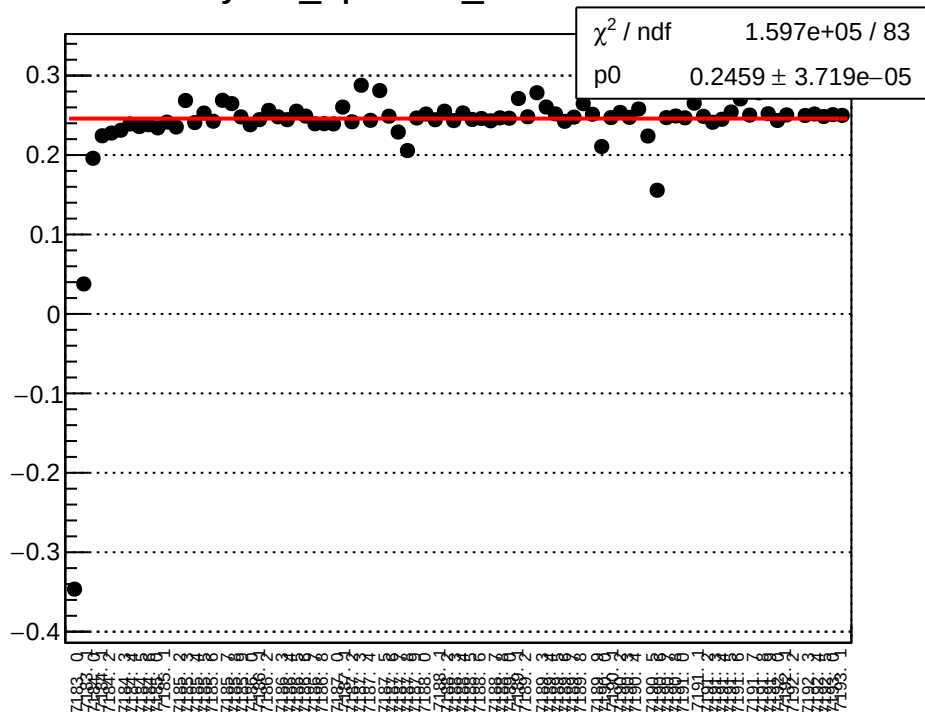
yield_bpm11Y_mean vs run



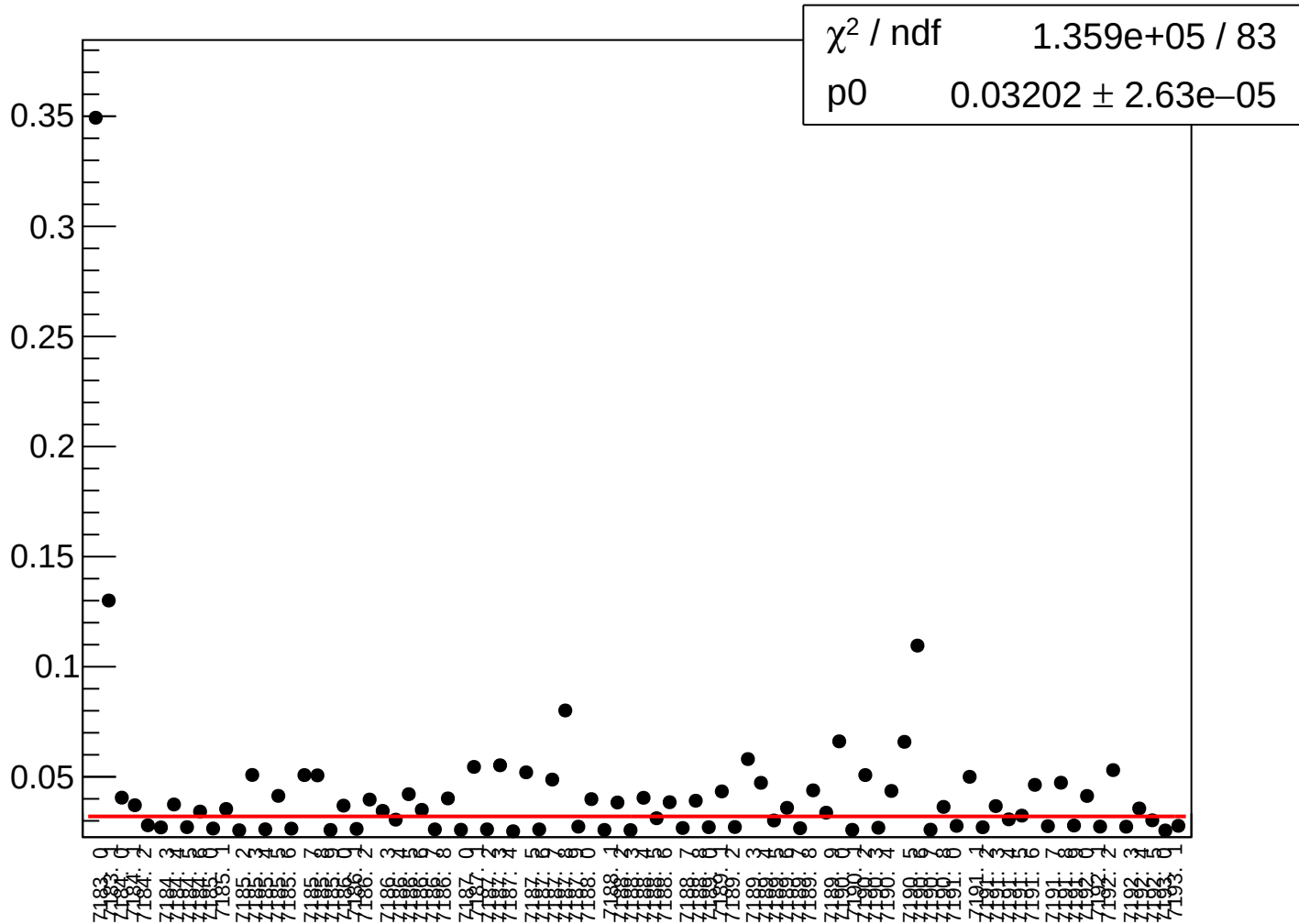
yield_bpm11Y_rms vs run



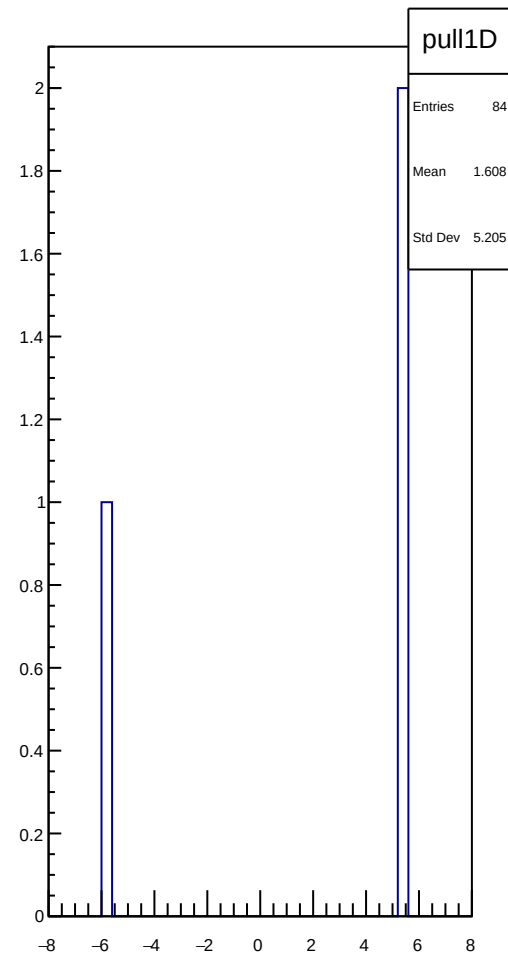
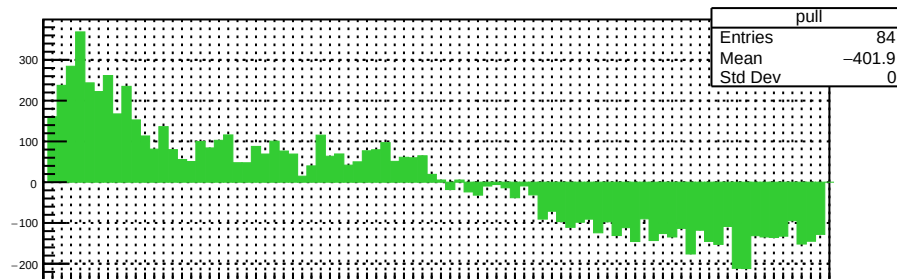
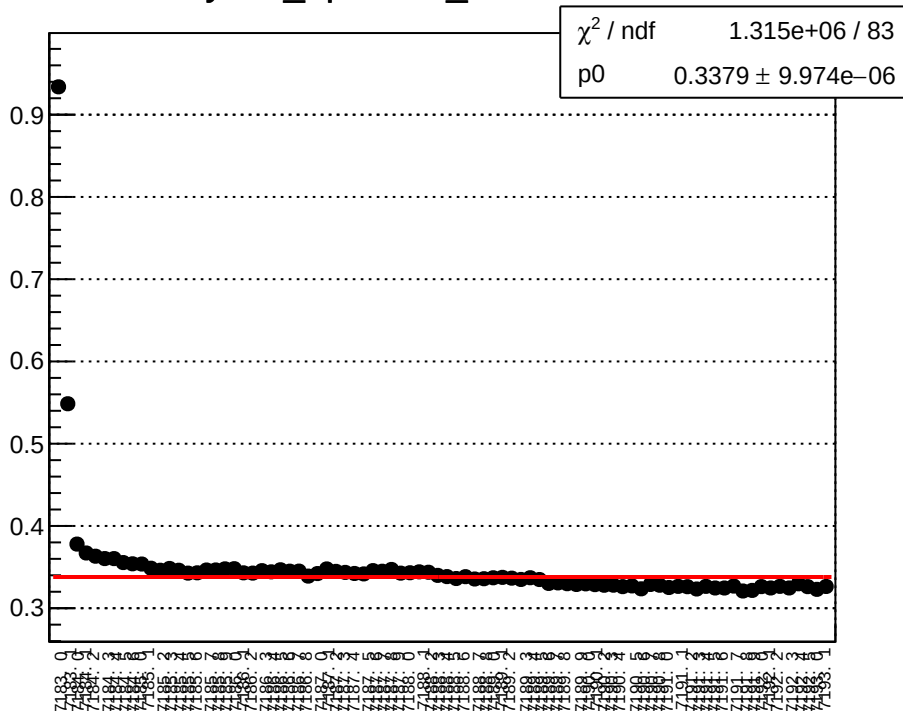
yield_bpm12X_mean vs run



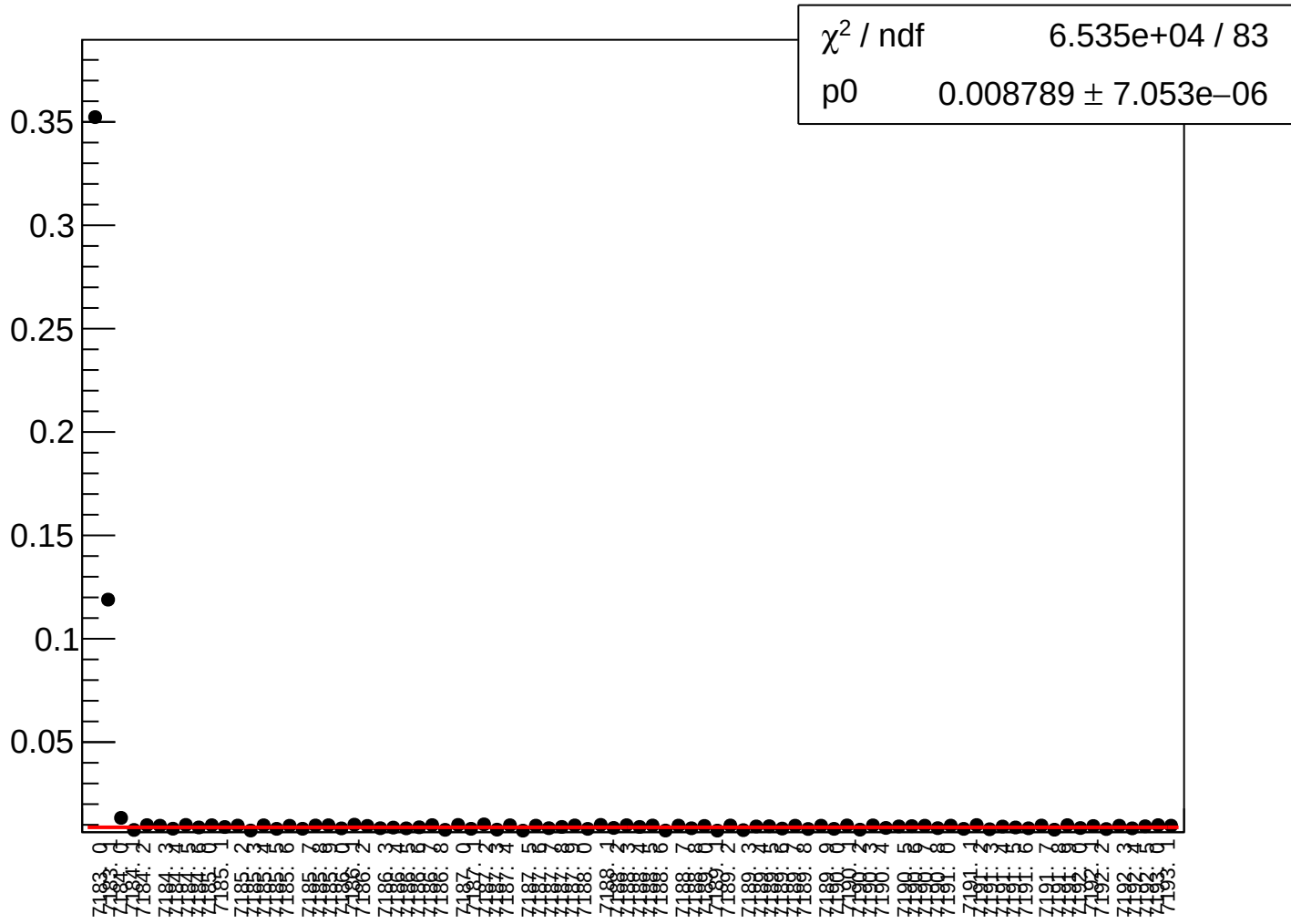
yield_bpm12X_rms vs run



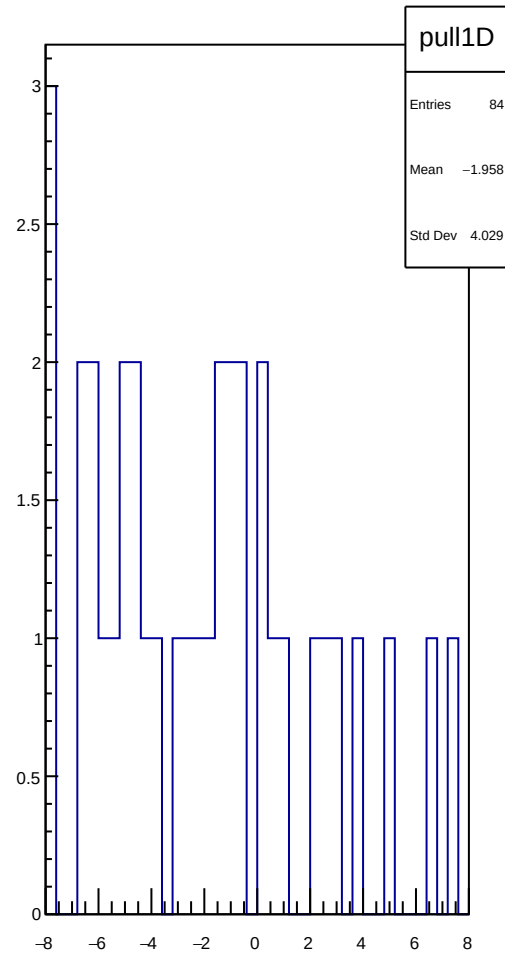
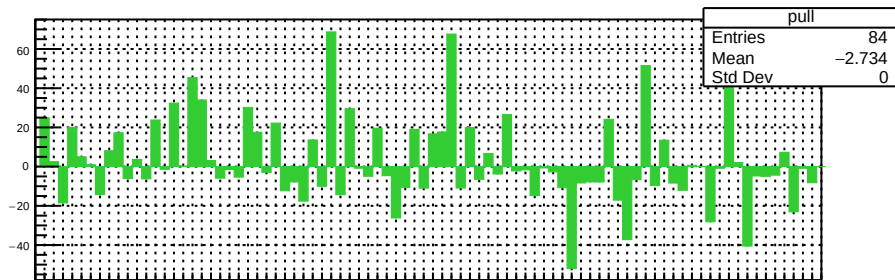
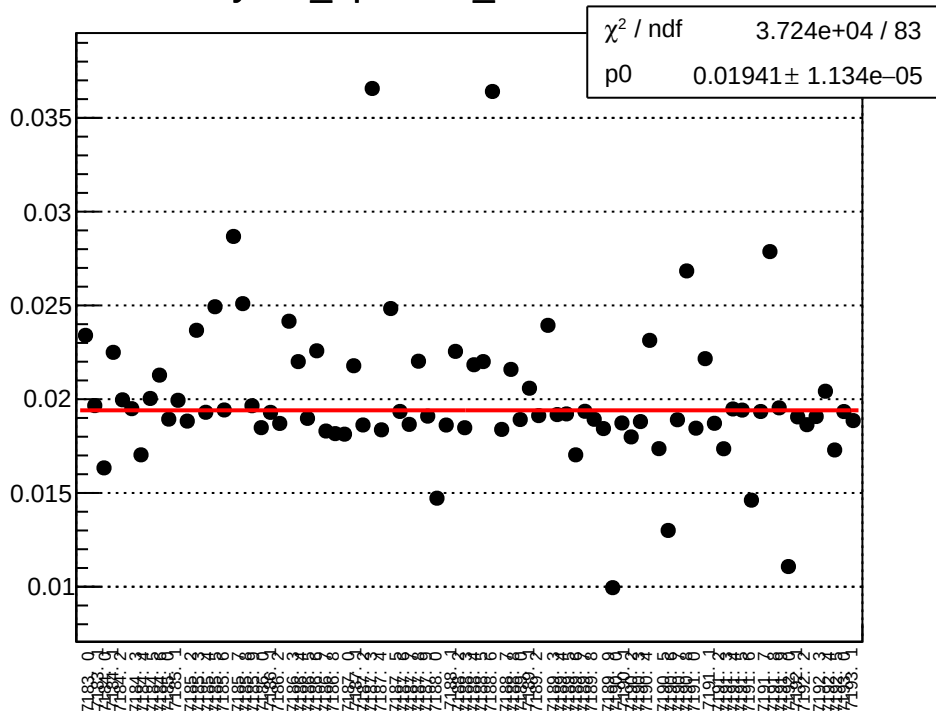
yield_bpm12Y_mean vs run



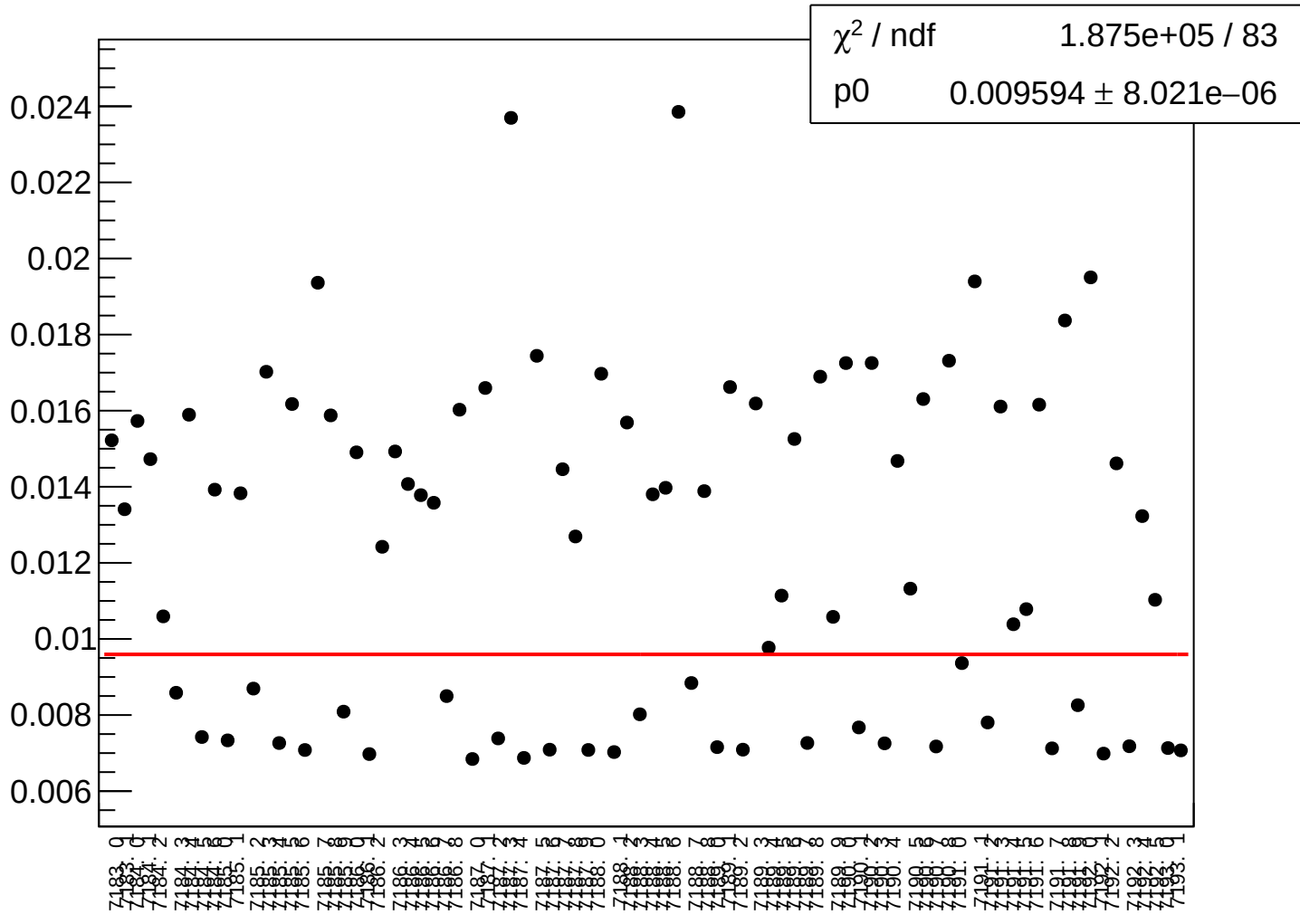
yield_bpm12Y_rms vs run



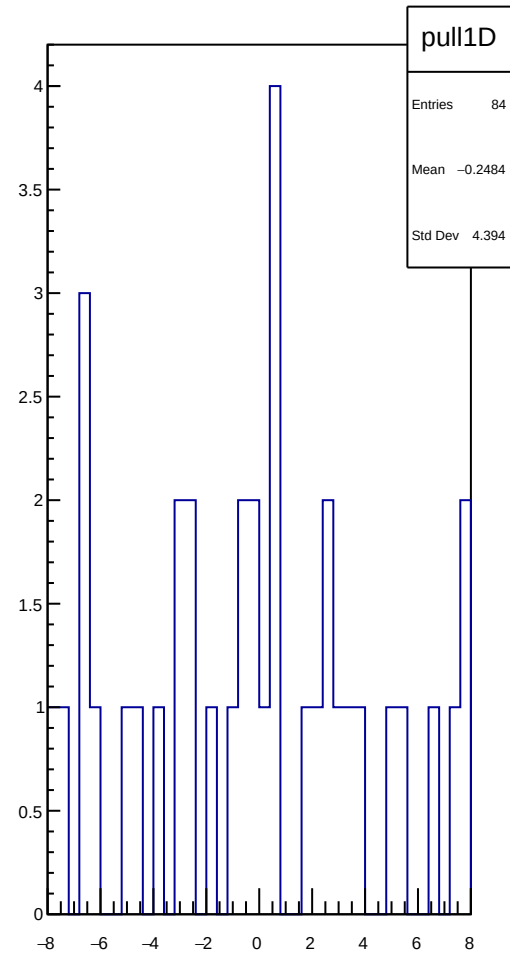
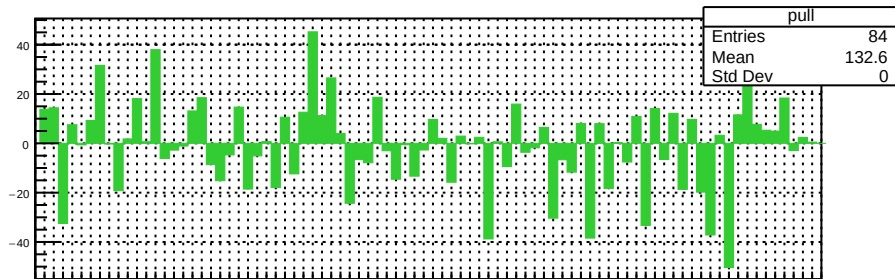
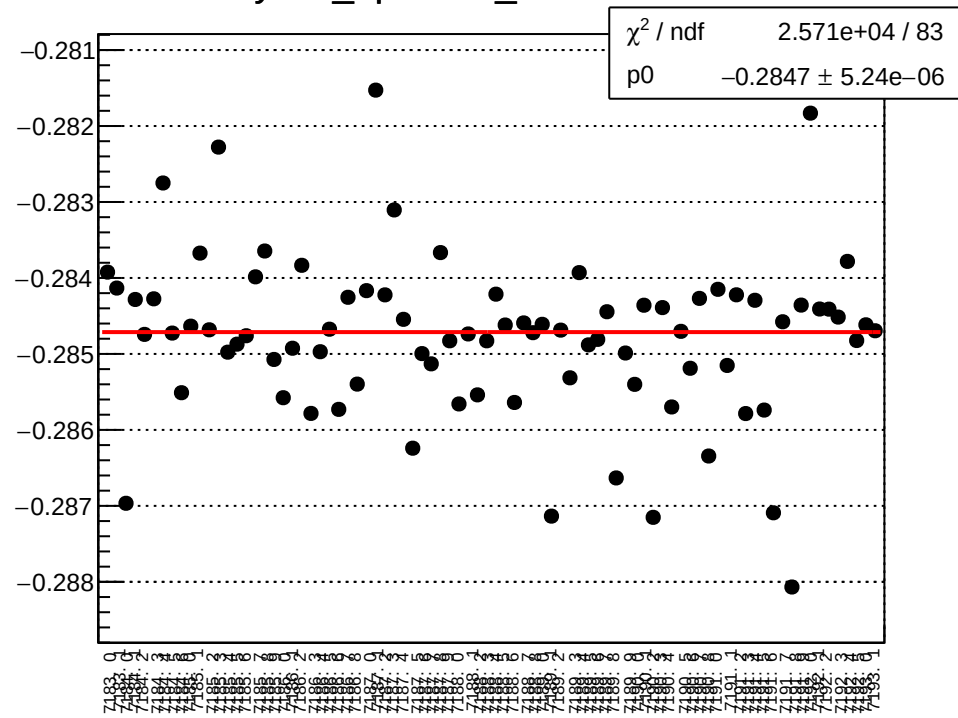
yield_bpm16X_mean vs run



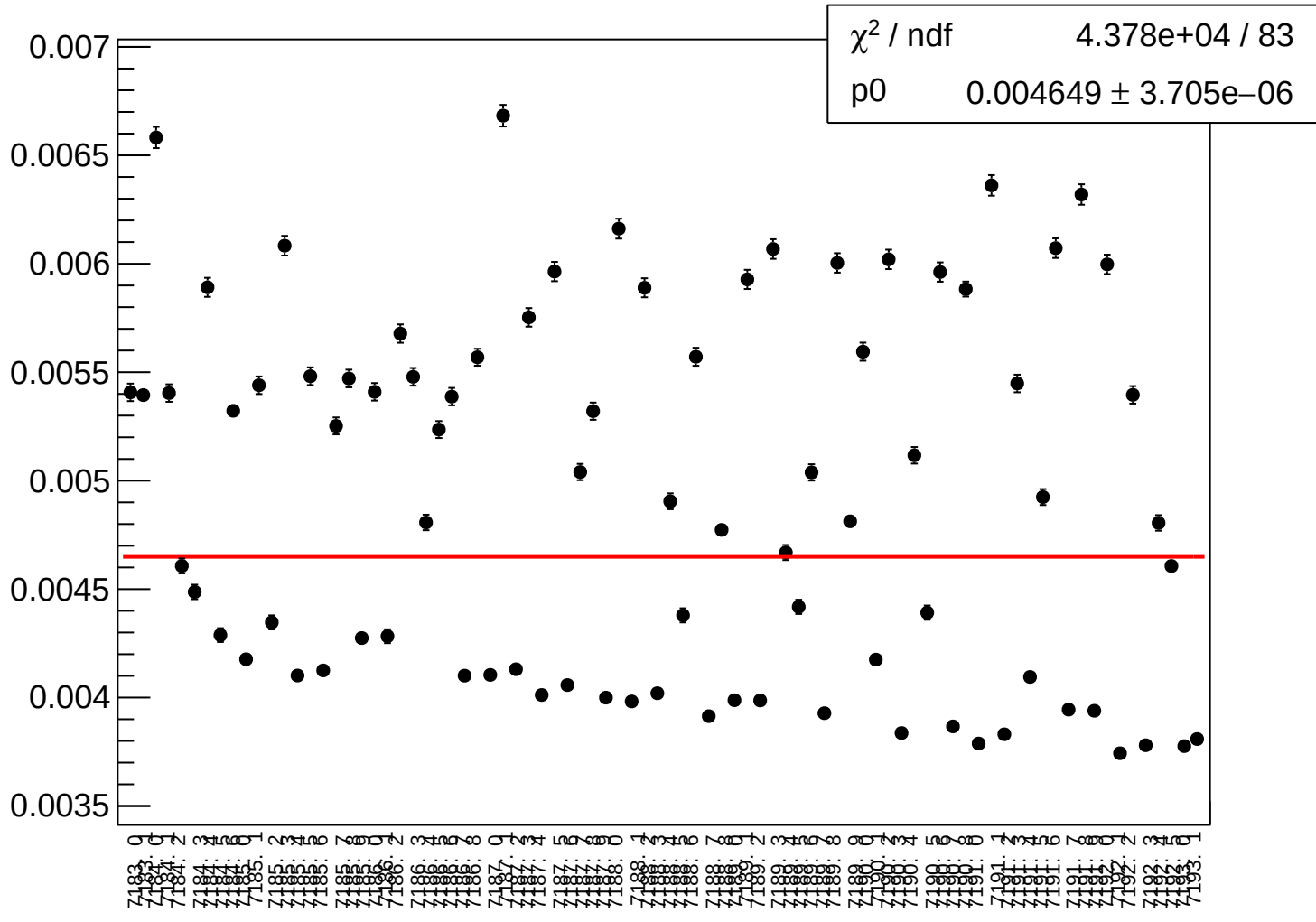
yield_bpm16X_rms vs run



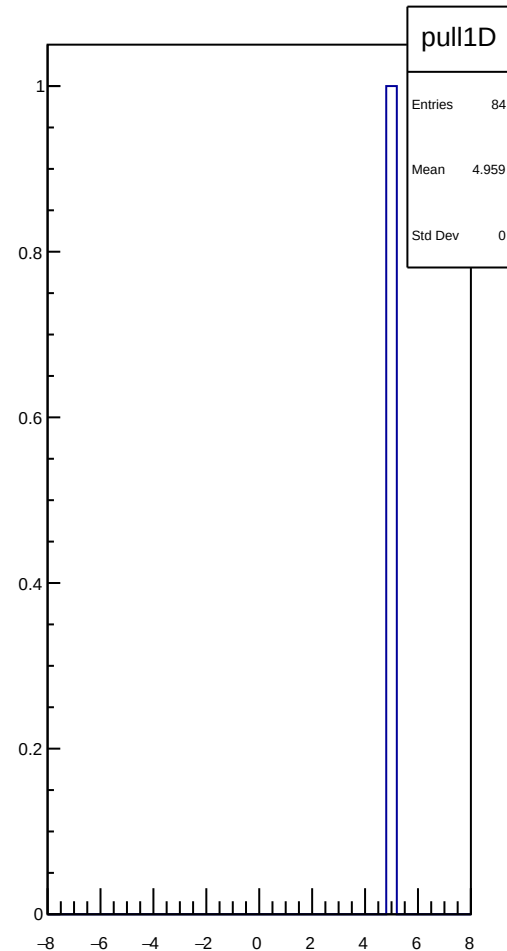
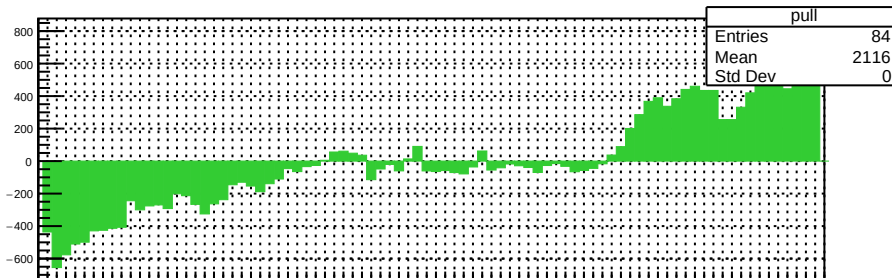
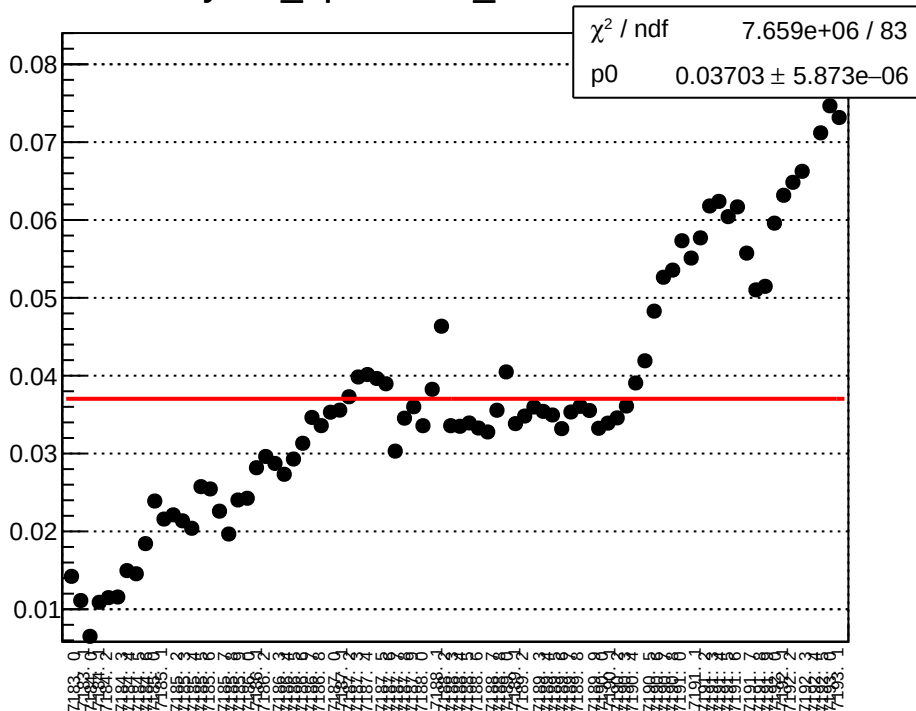
yield_bpm16Y_mean vs run



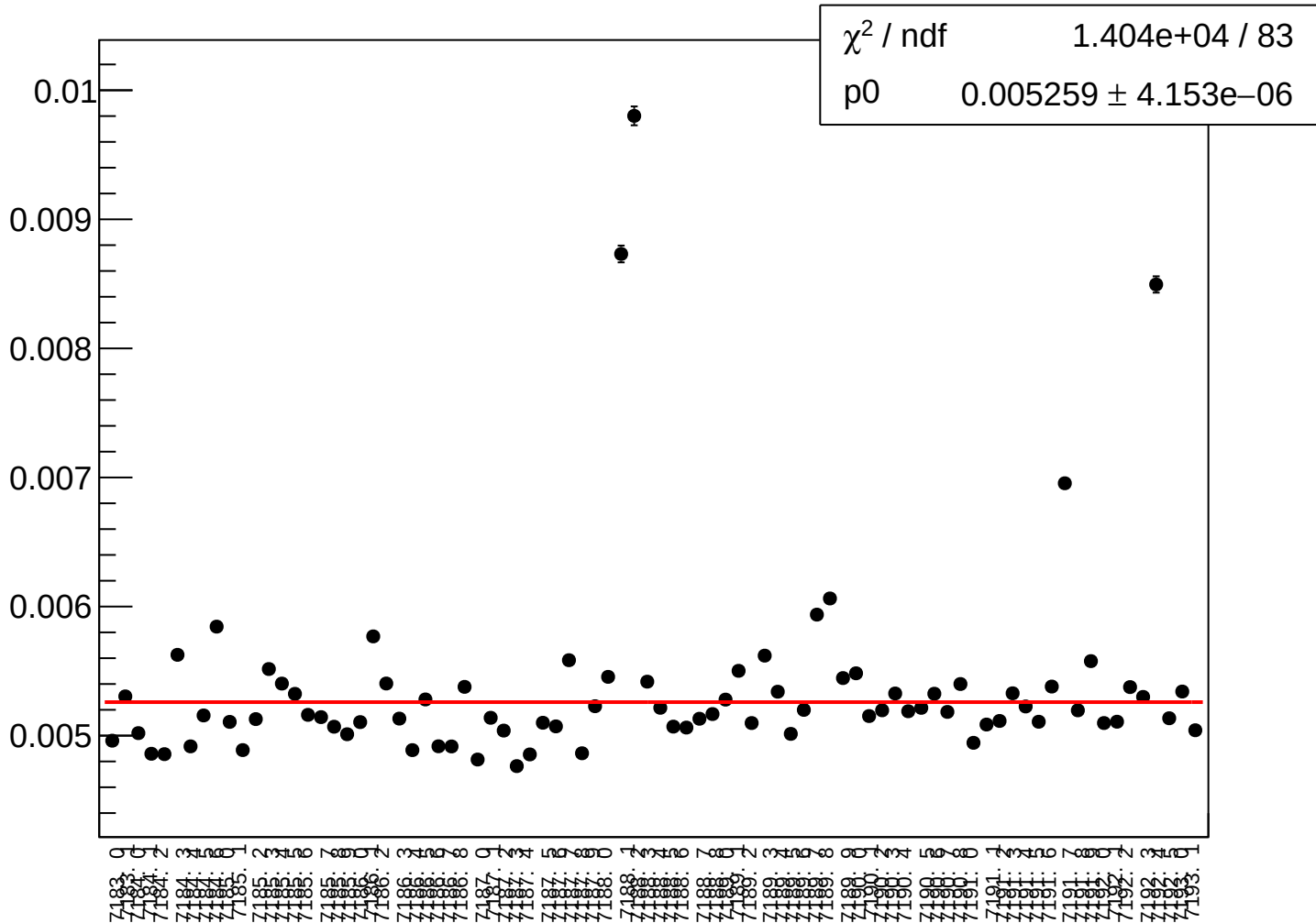
yield_bpm16Y_rms vs run



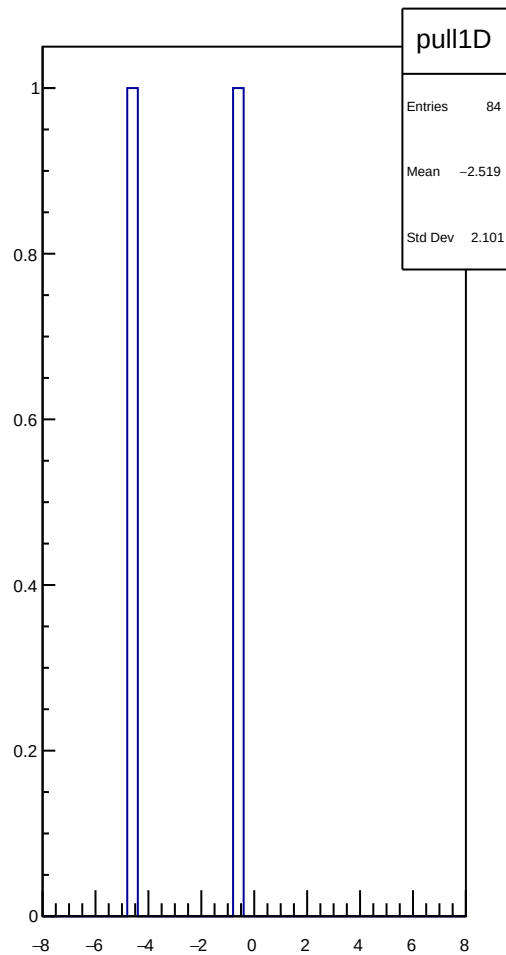
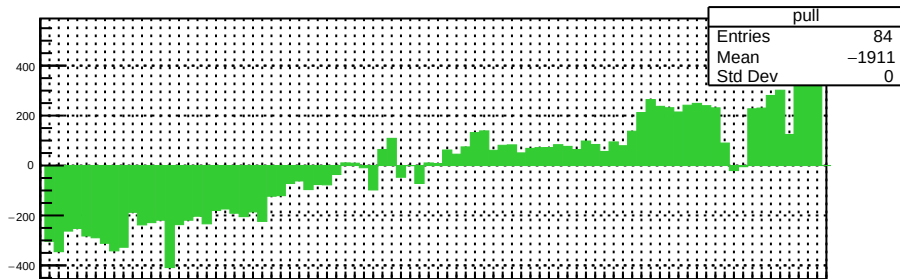
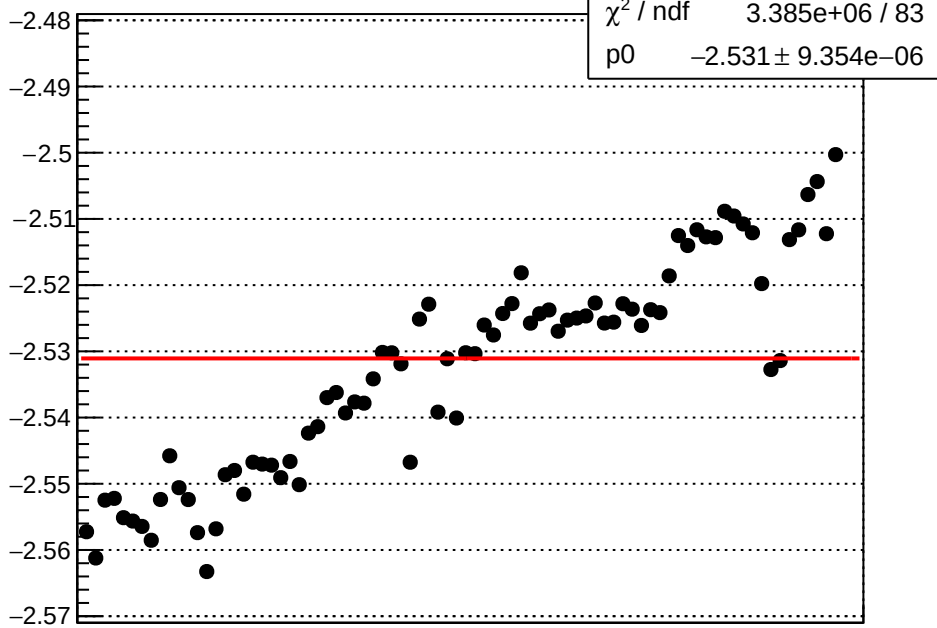
yield_bpm0i02X_mean vs run



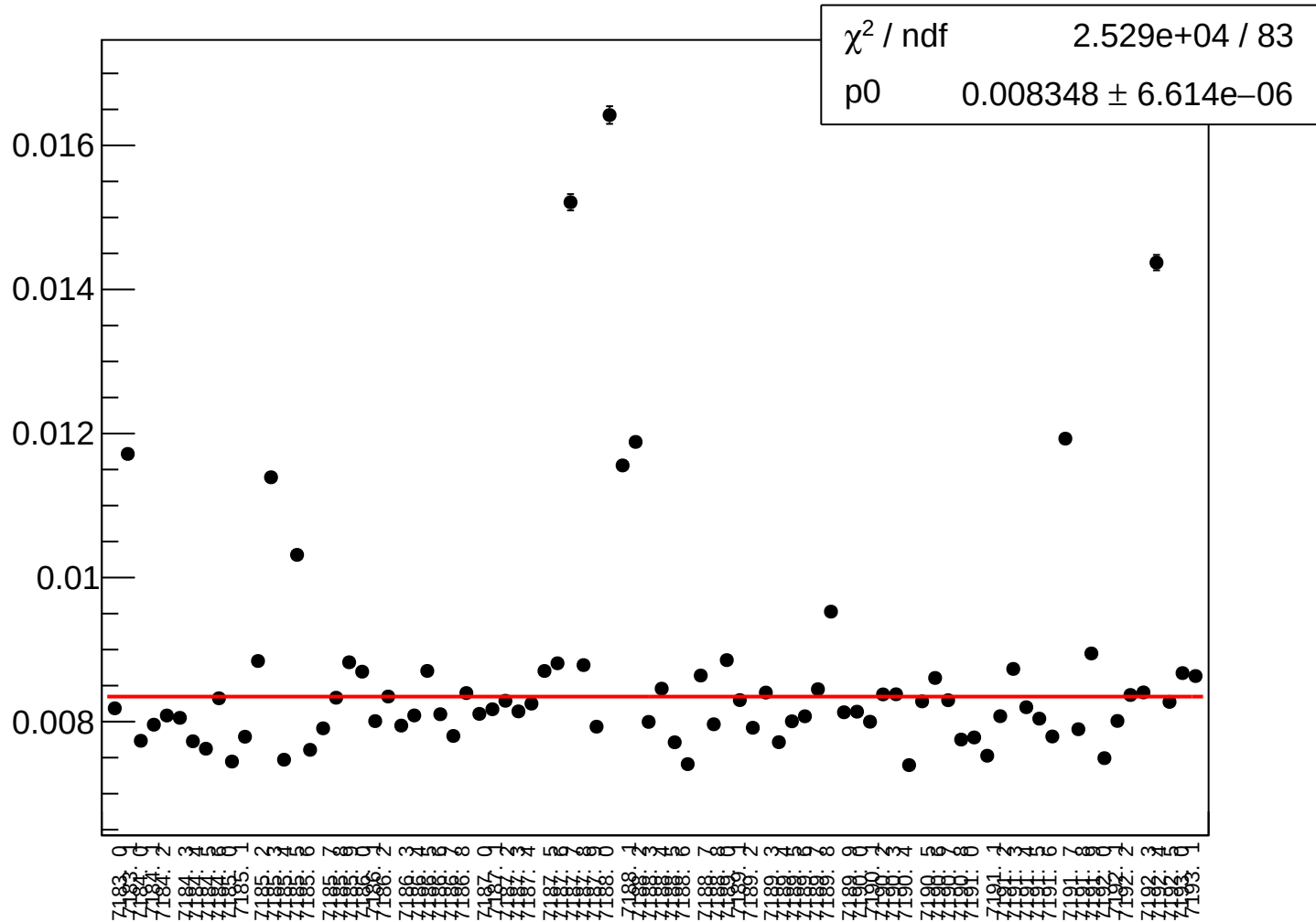
yield_bpm0i02X_rms vs run



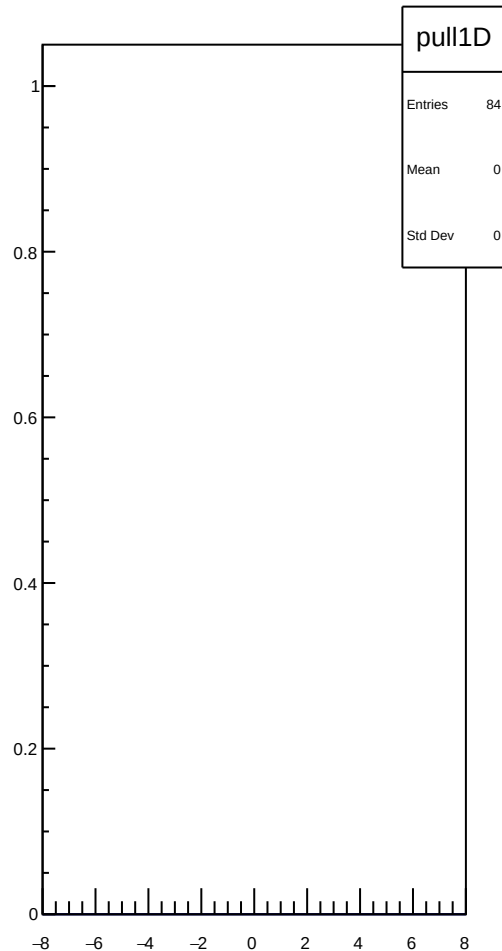
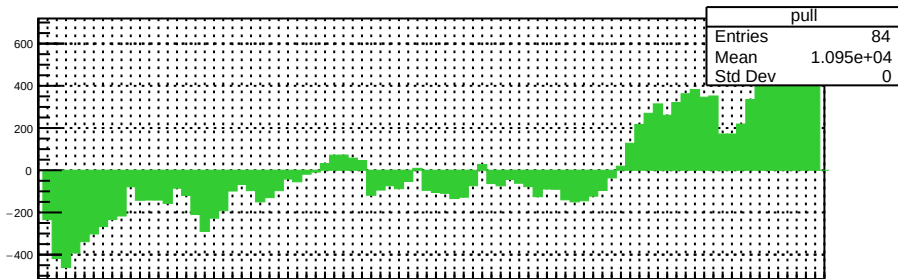
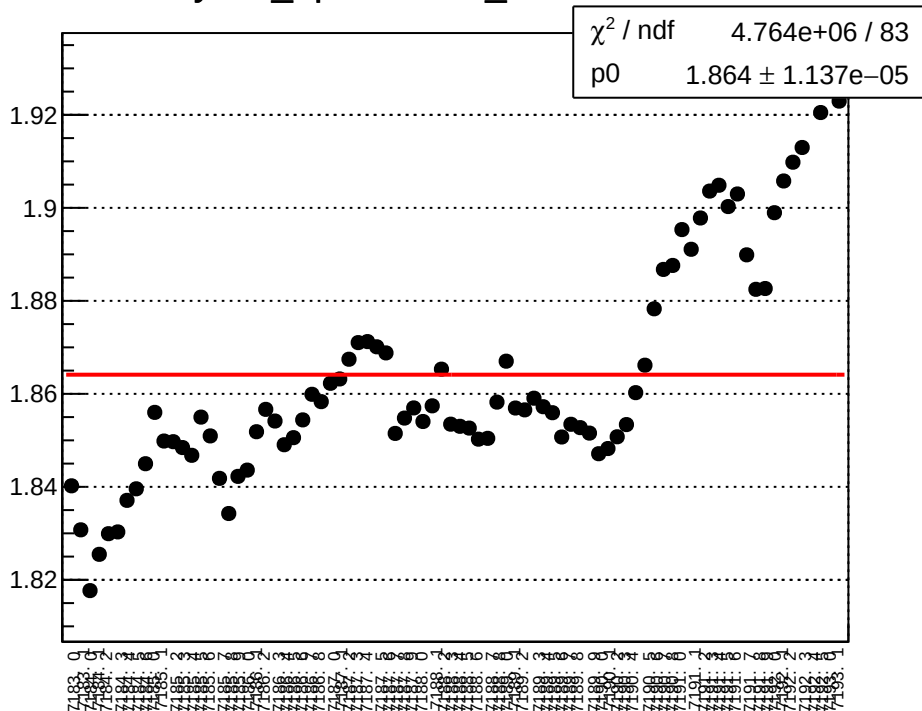
yield_bpm0i02Y_mean vs run



yield_bpm0i02Y_rms vs run



yield_bpm0i02aX_mean vs run



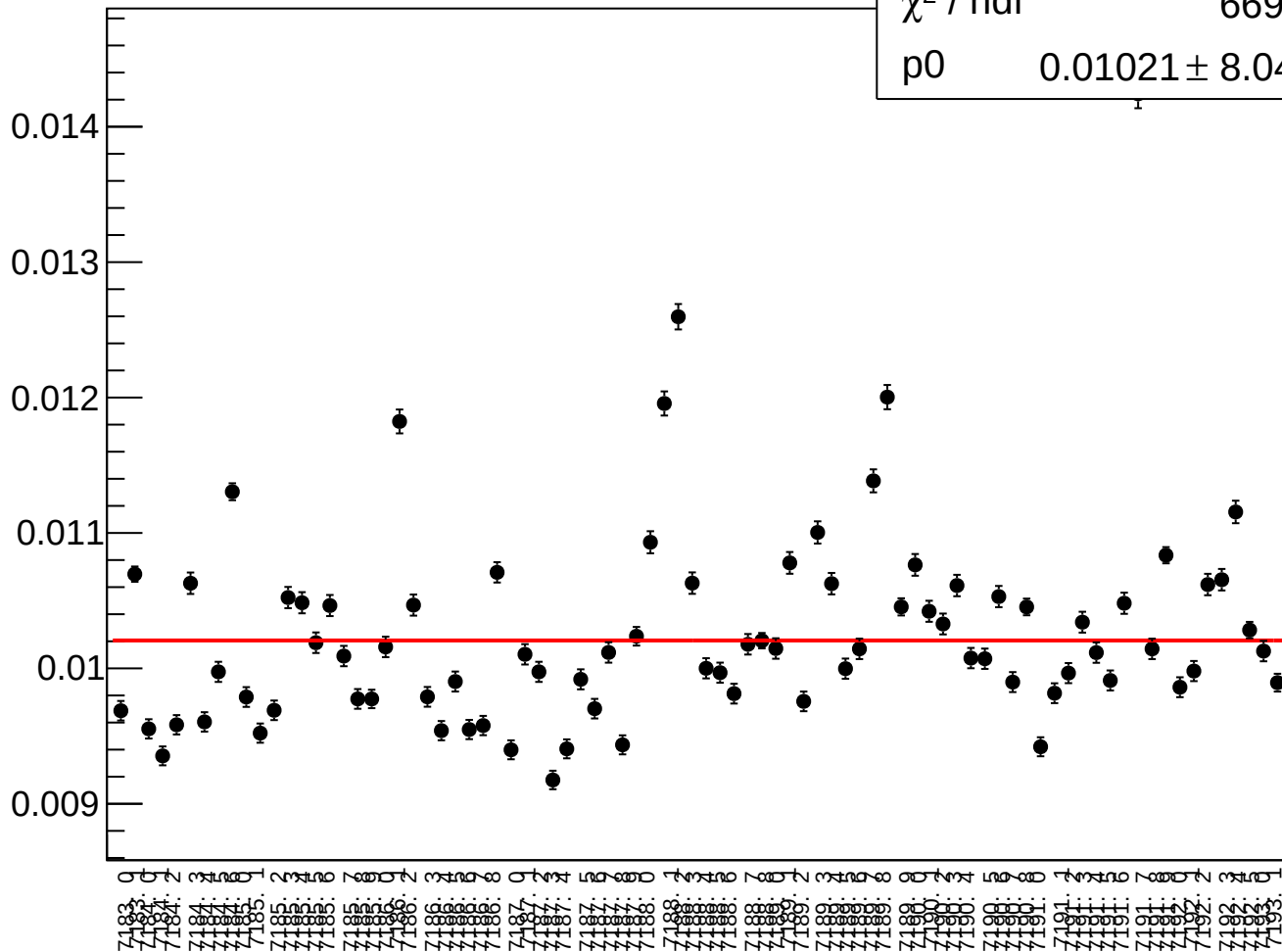
yield_bpm0i02aX_rms vs run

χ^2 / ndf

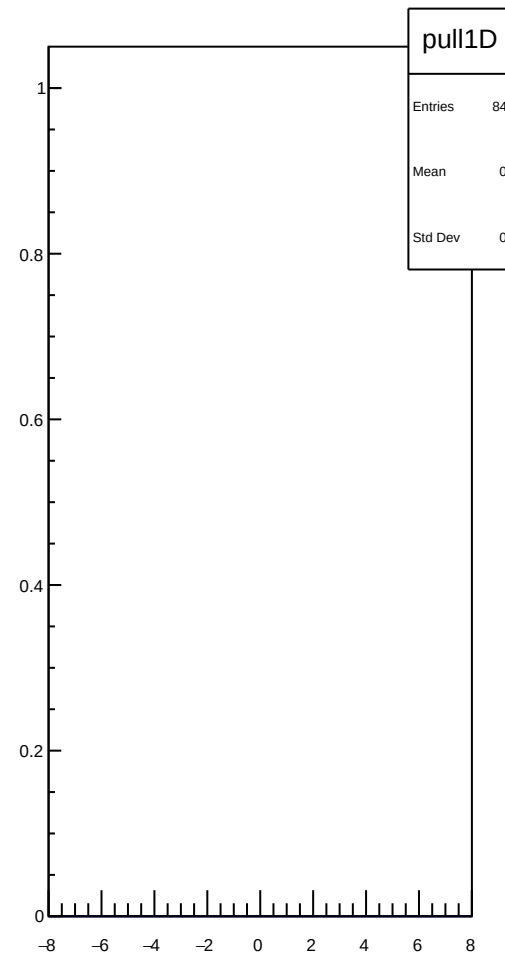
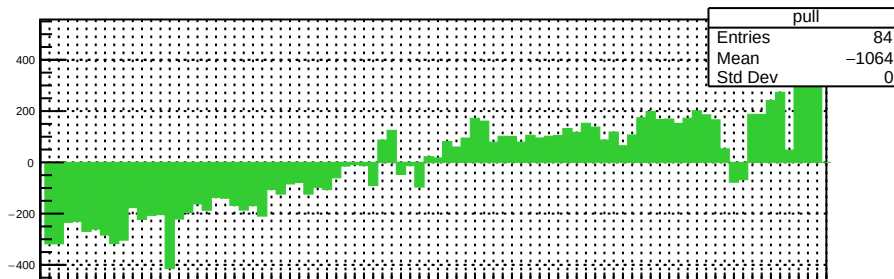
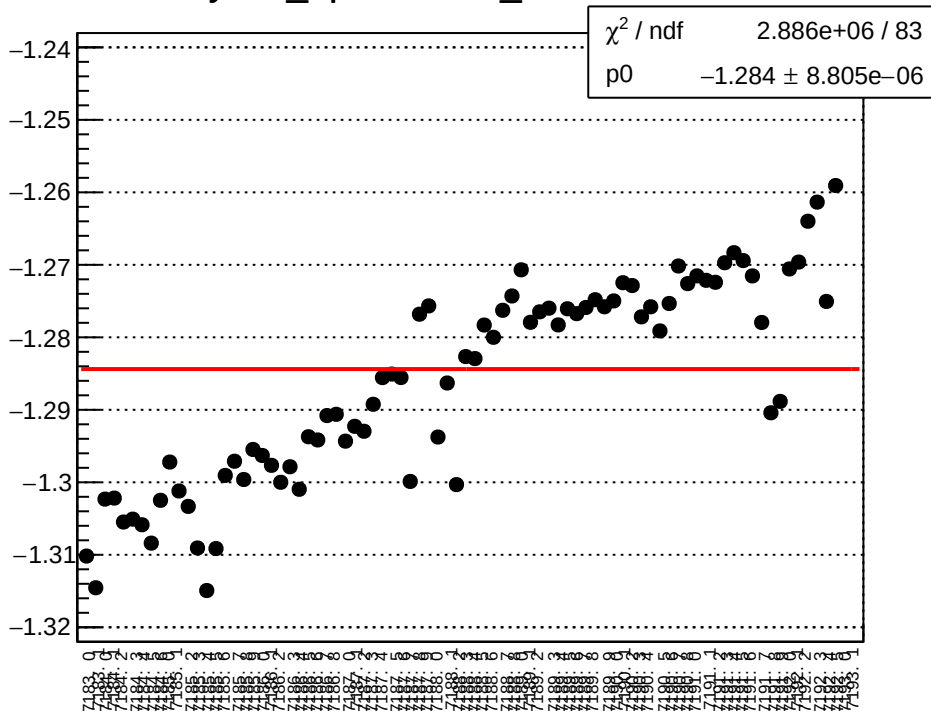
6691 / 83

p0

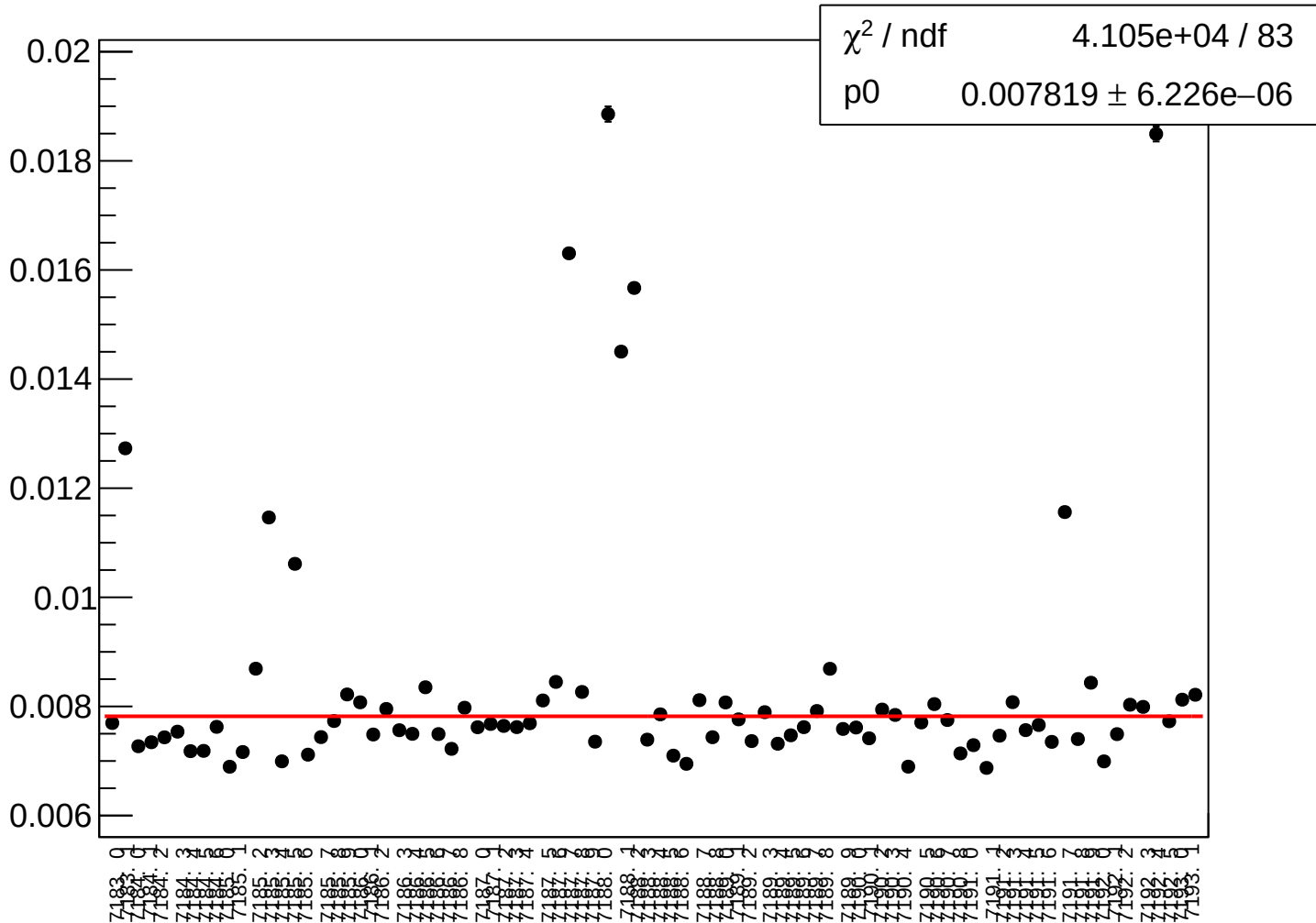
$0.01021 \pm 8.04\text{e-}06$



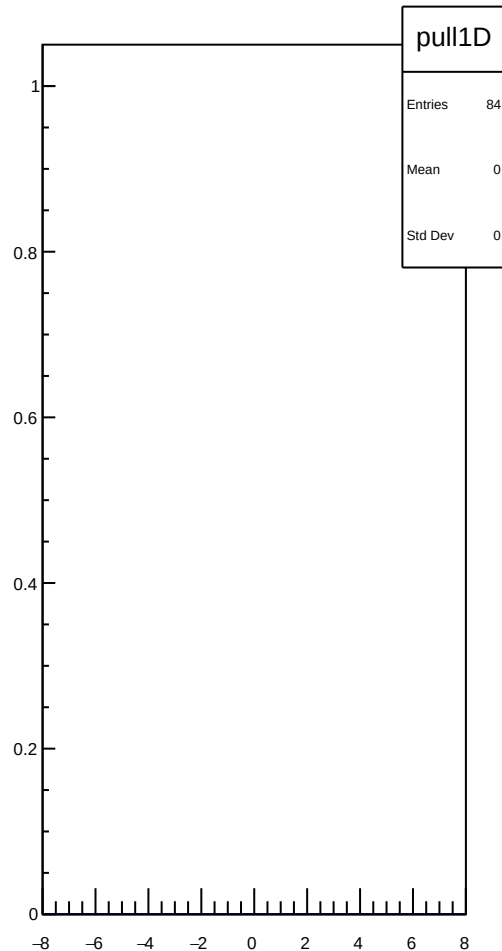
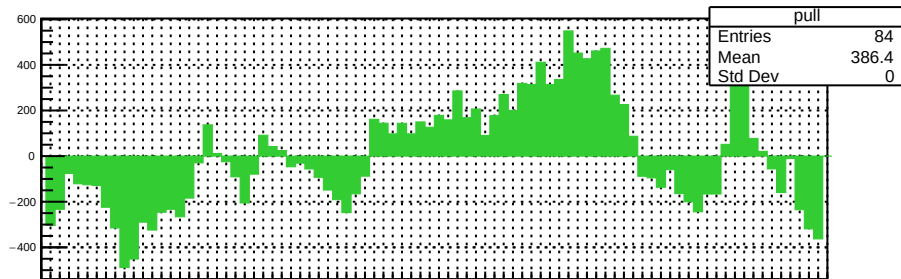
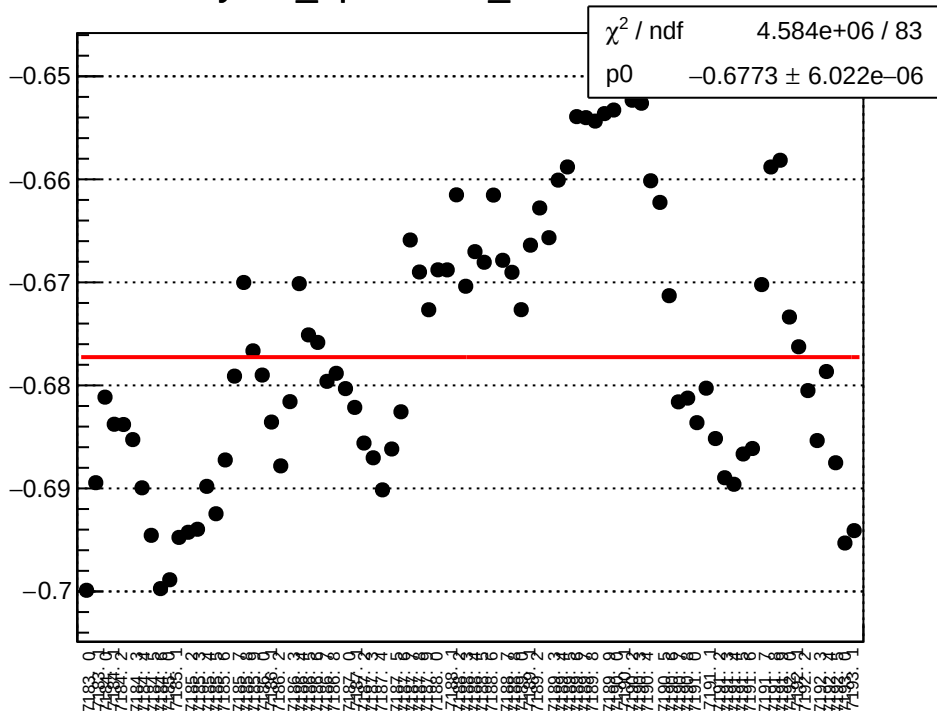
yield_bpm0i02aY_mean vs run



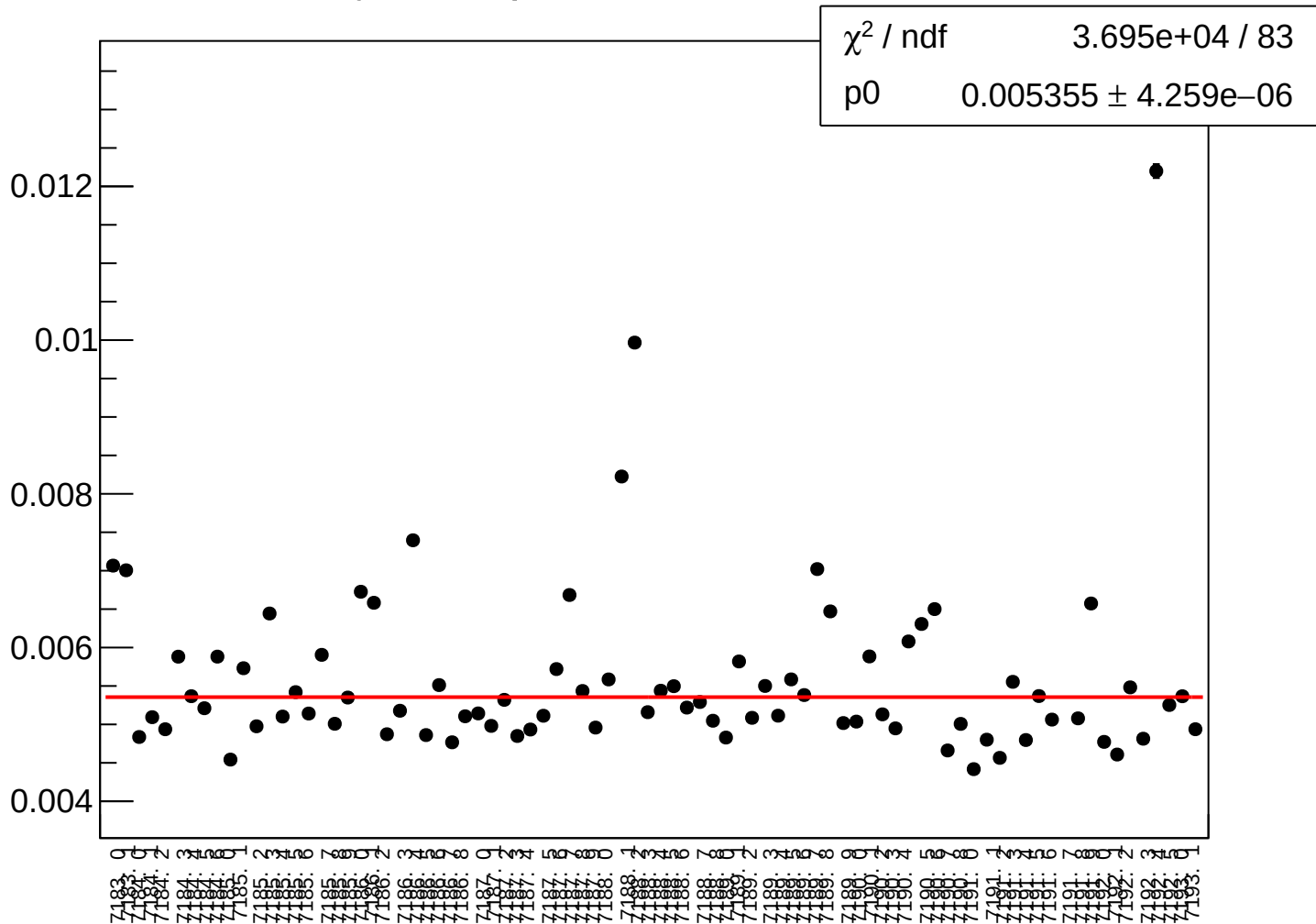
yield_bpm0i02aY_rms vs run



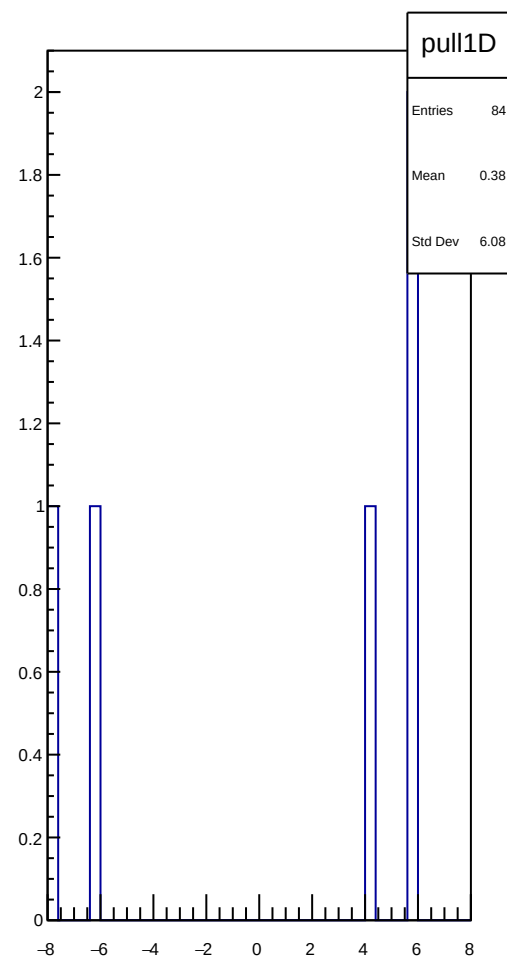
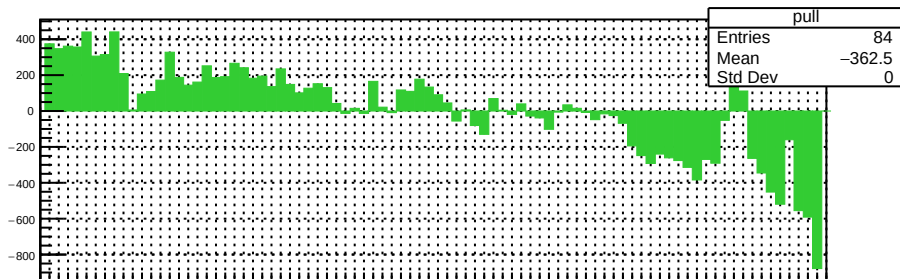
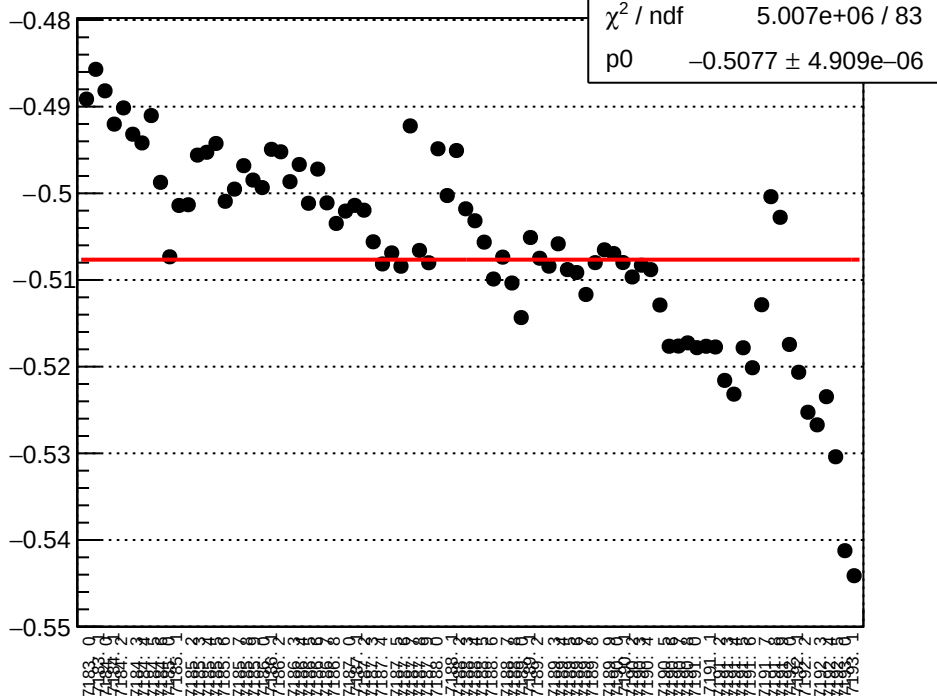
yield_bpm0i05X_mean vs run



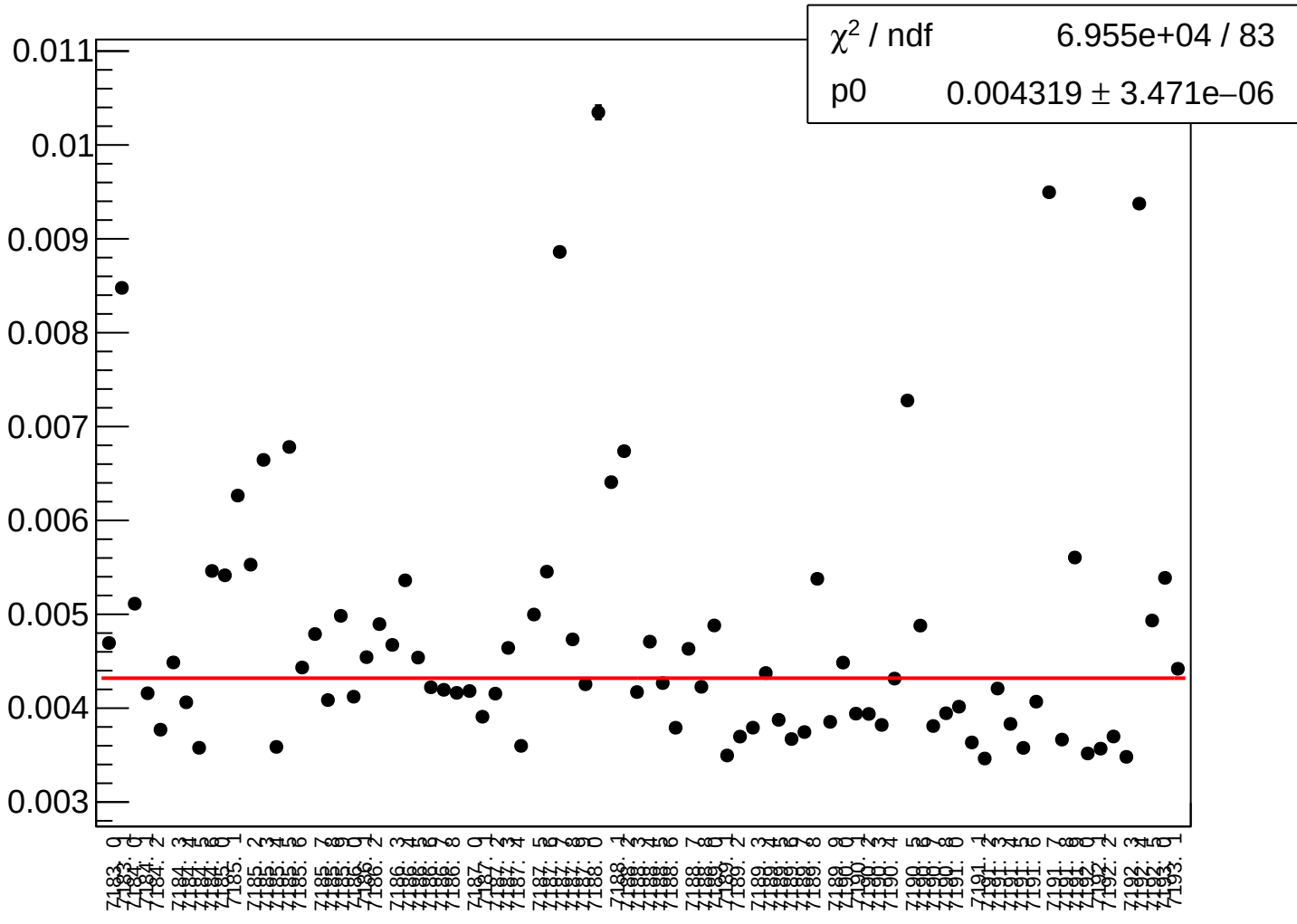
yield_bpm0i05X_rms vs run



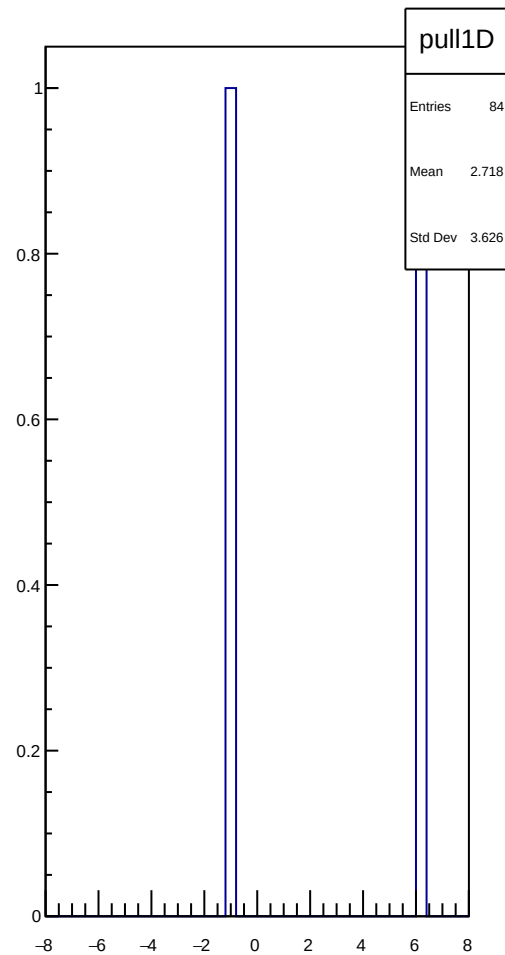
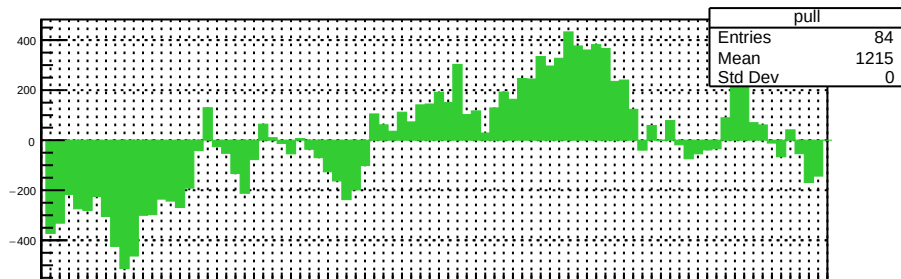
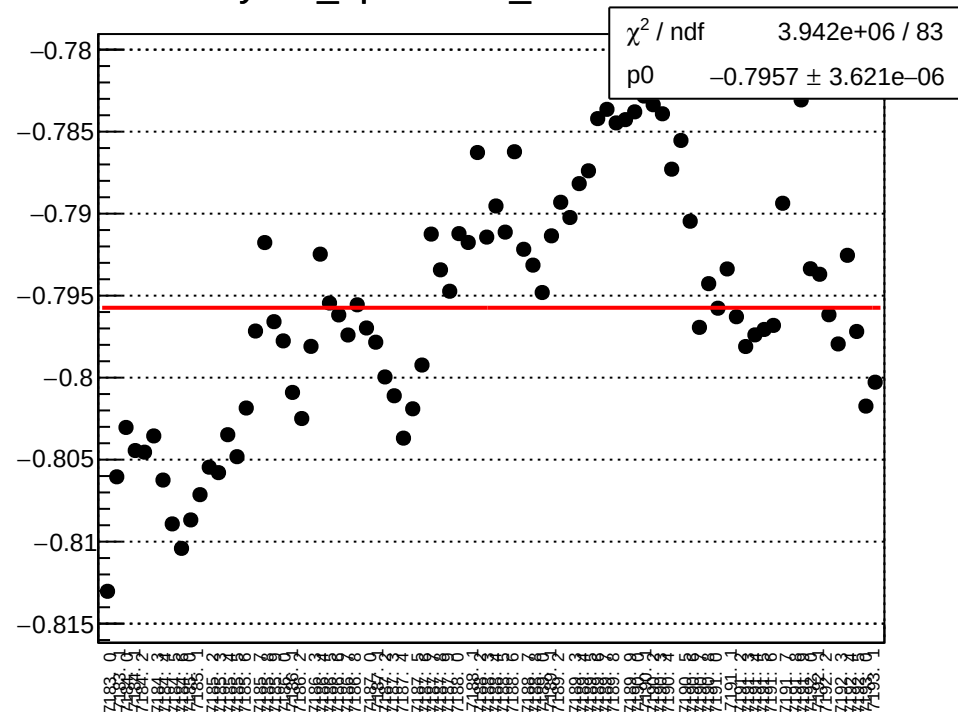
yield_bpm0i05Y_mean vs run



yield_bpm0i05Y_rms vs run



yield_bpm0i07X_mean vs run



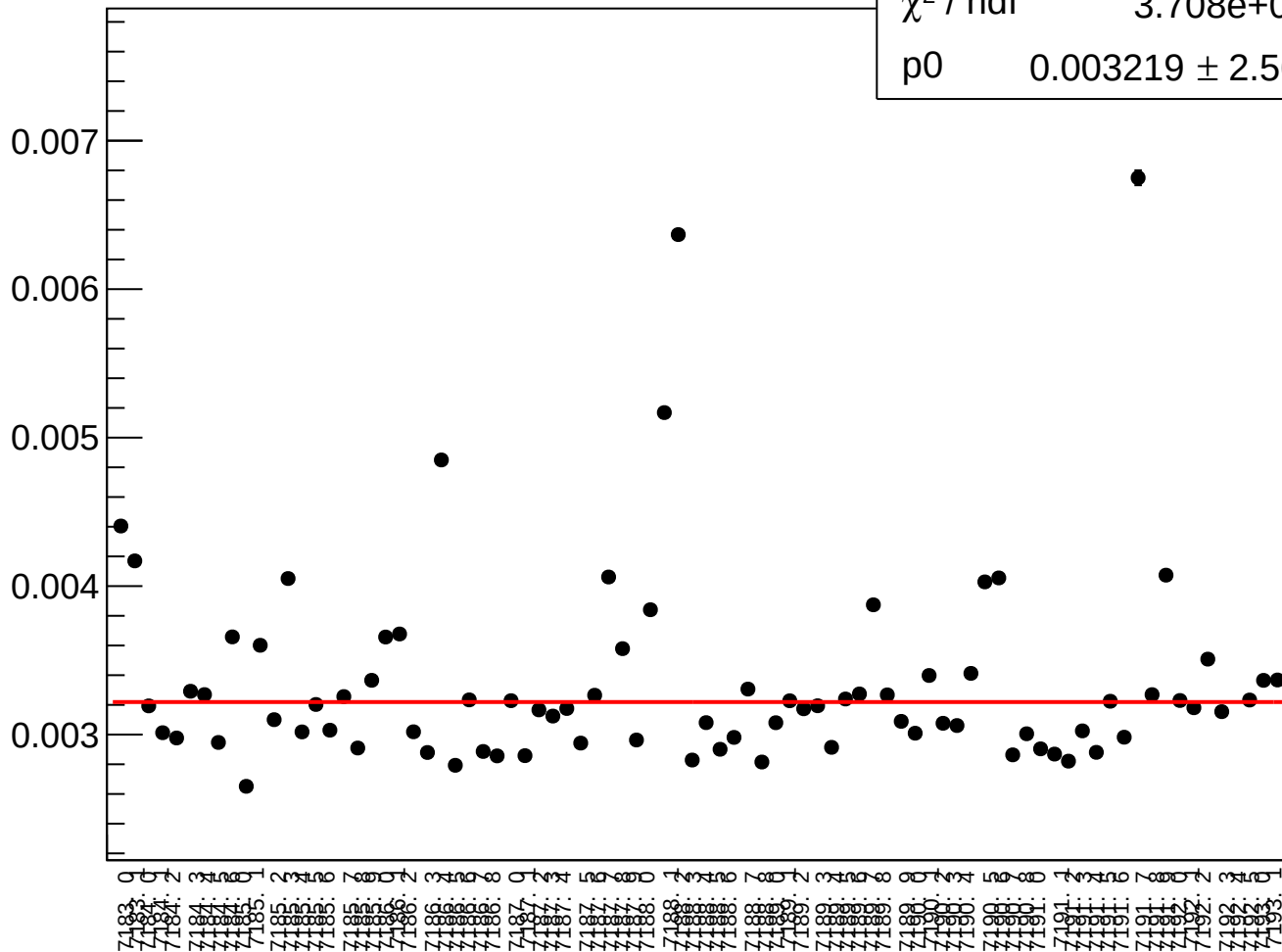
yield_bpm0i07X_rms vs run

χ^2 / ndf

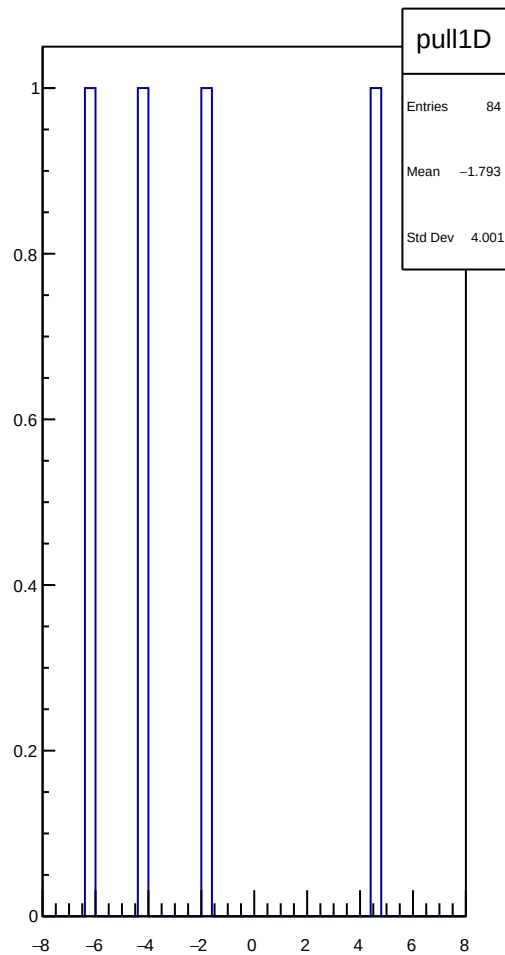
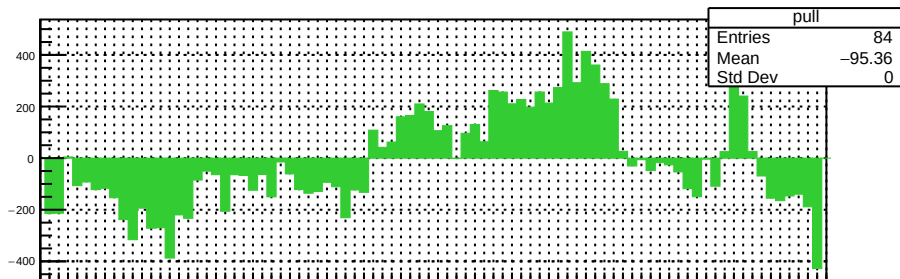
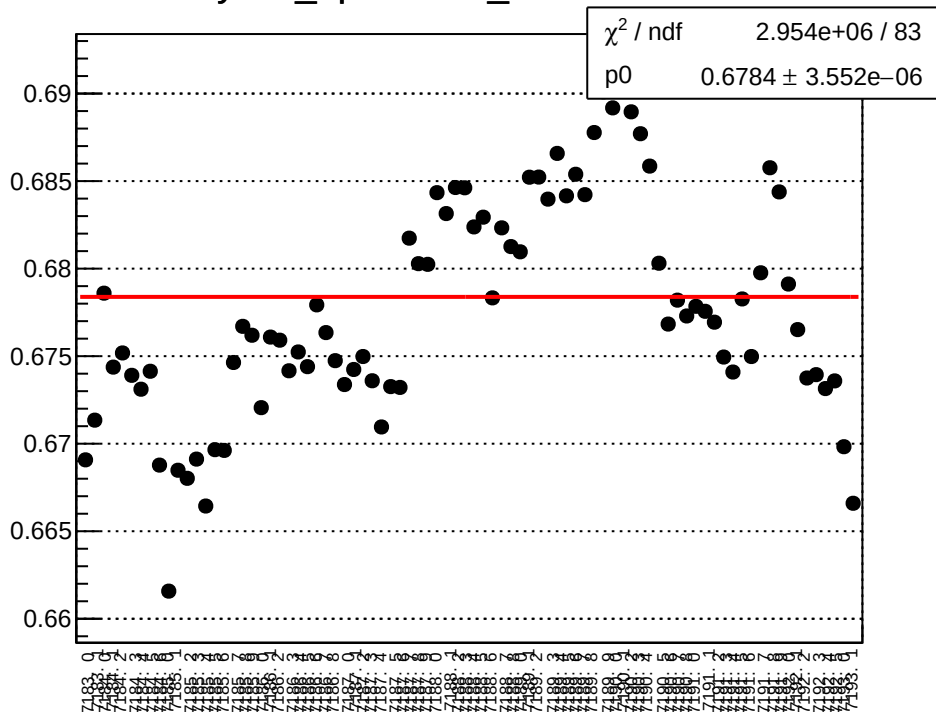
3.708e+04 / 83

p0

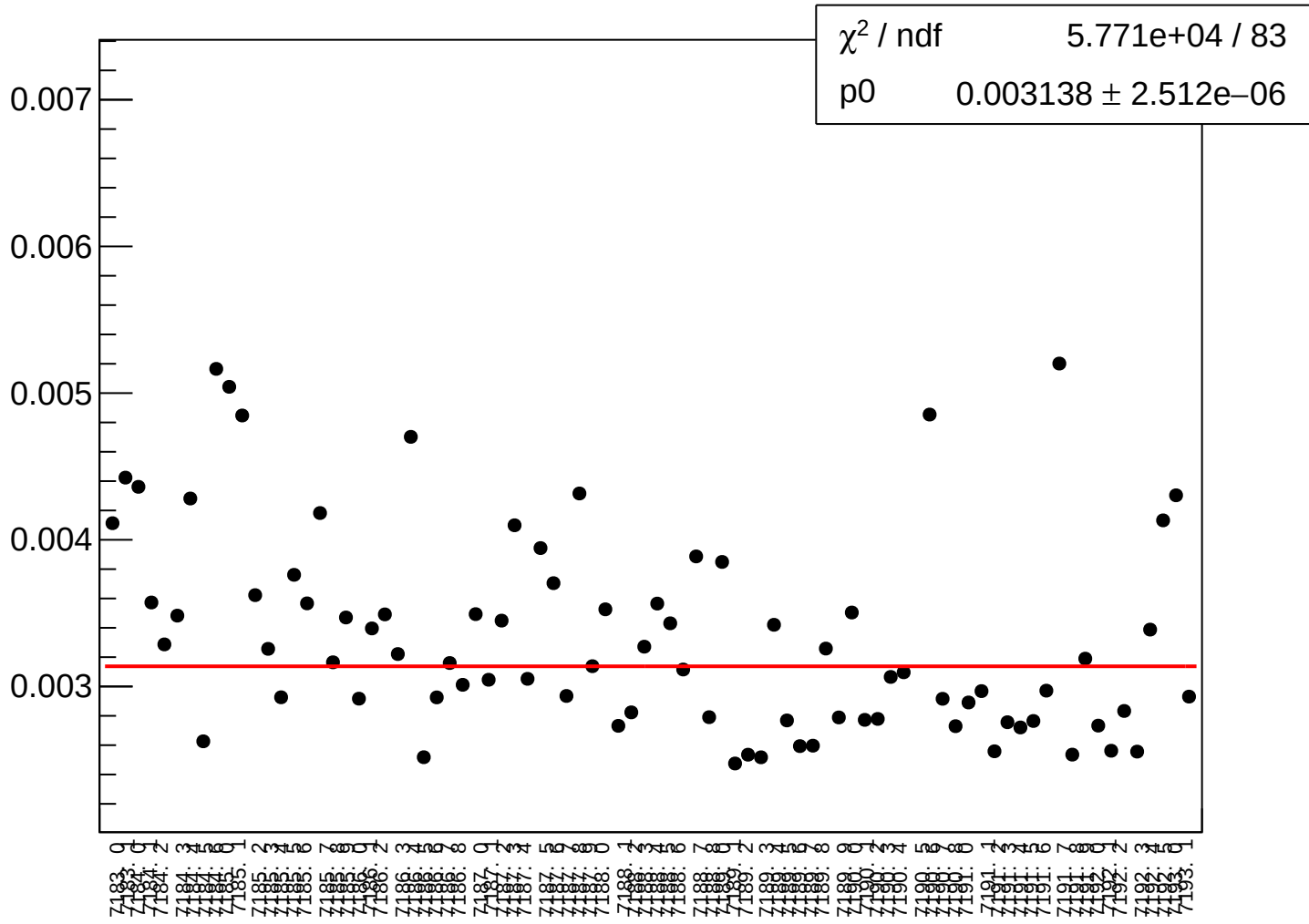
0.003219 ± 2.56e-06



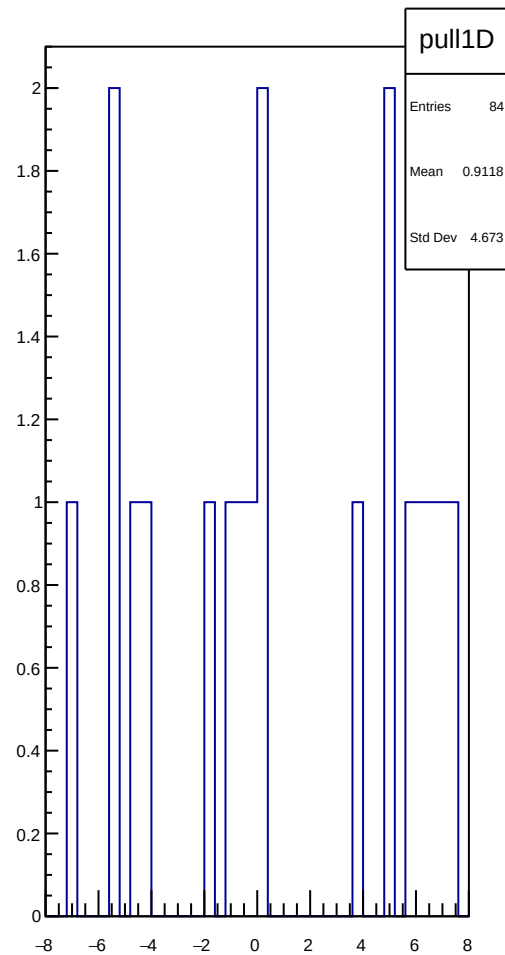
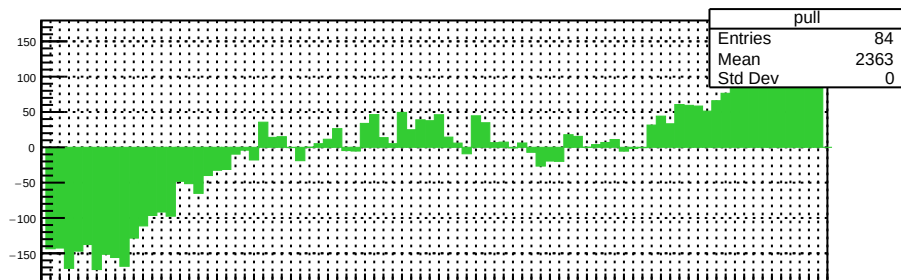
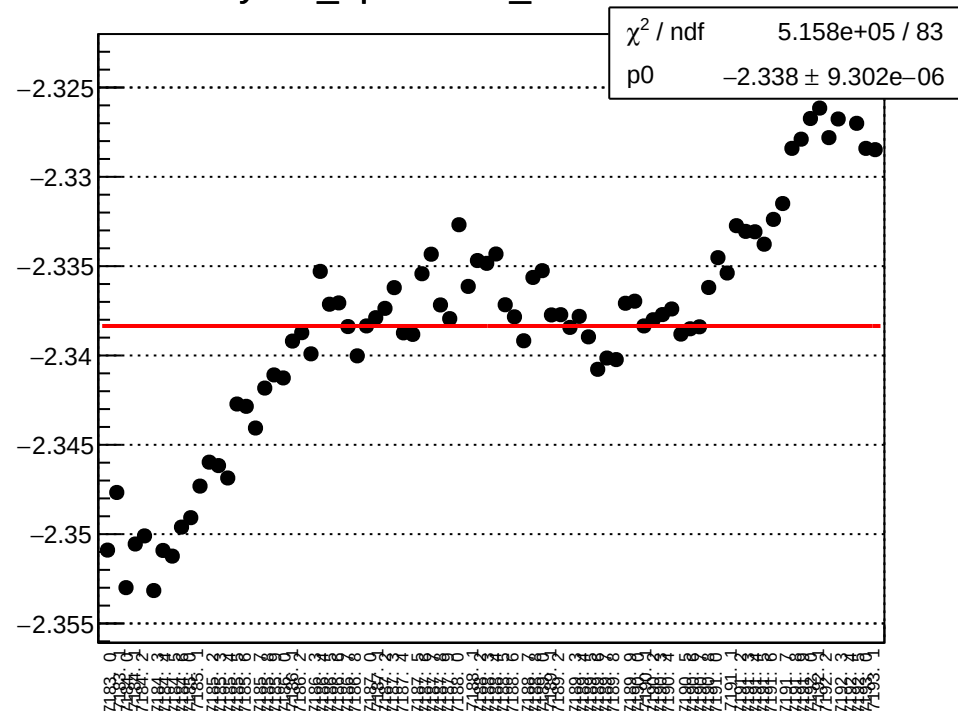
yield_bpm0i07Y_mean vs run



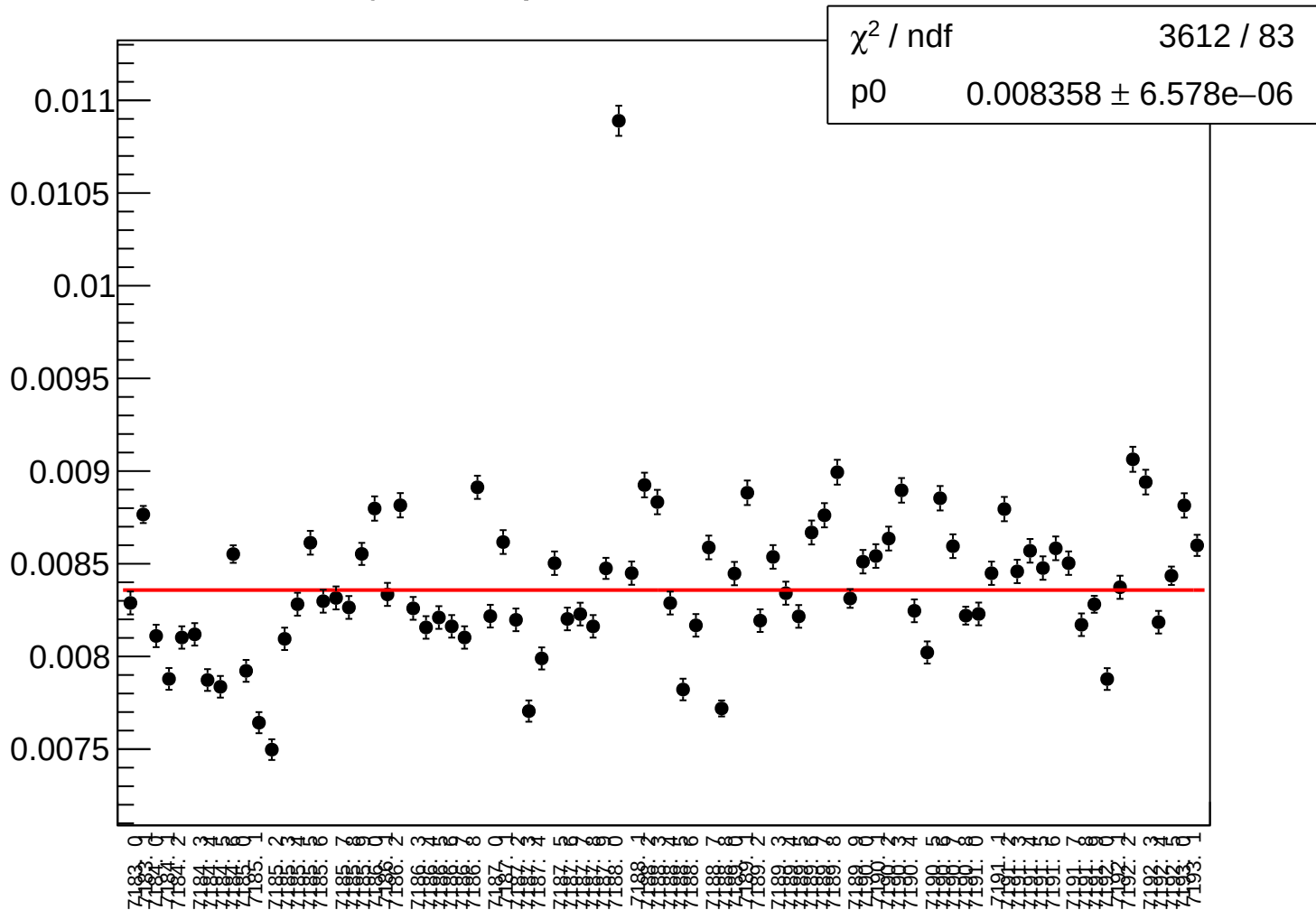
yield_bpm0i07Y_rms vs run



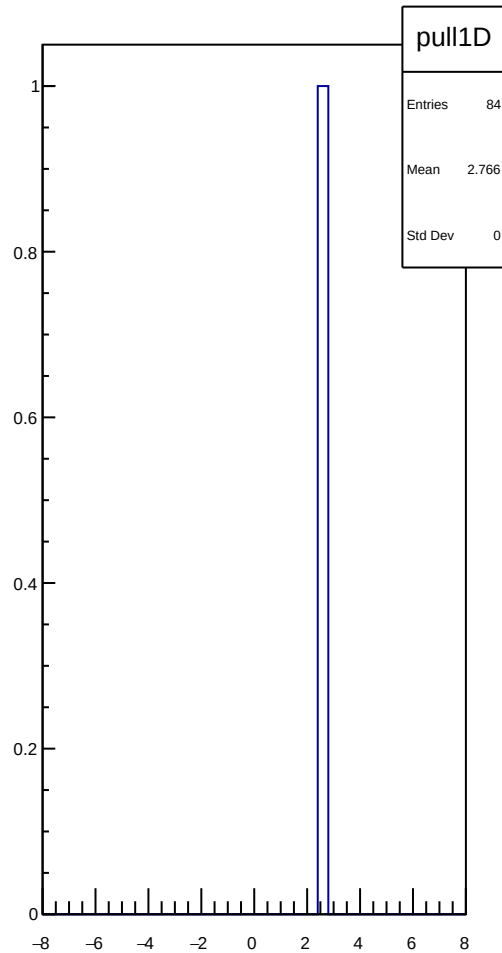
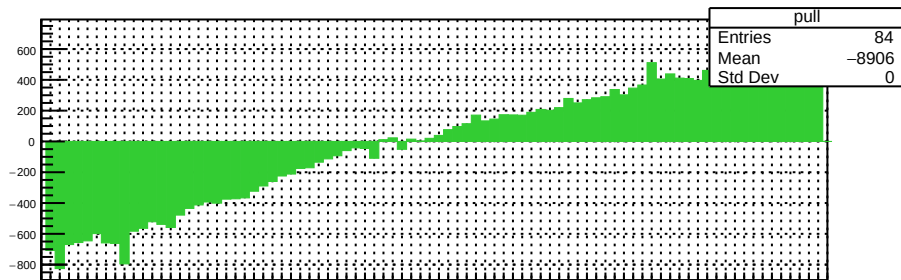
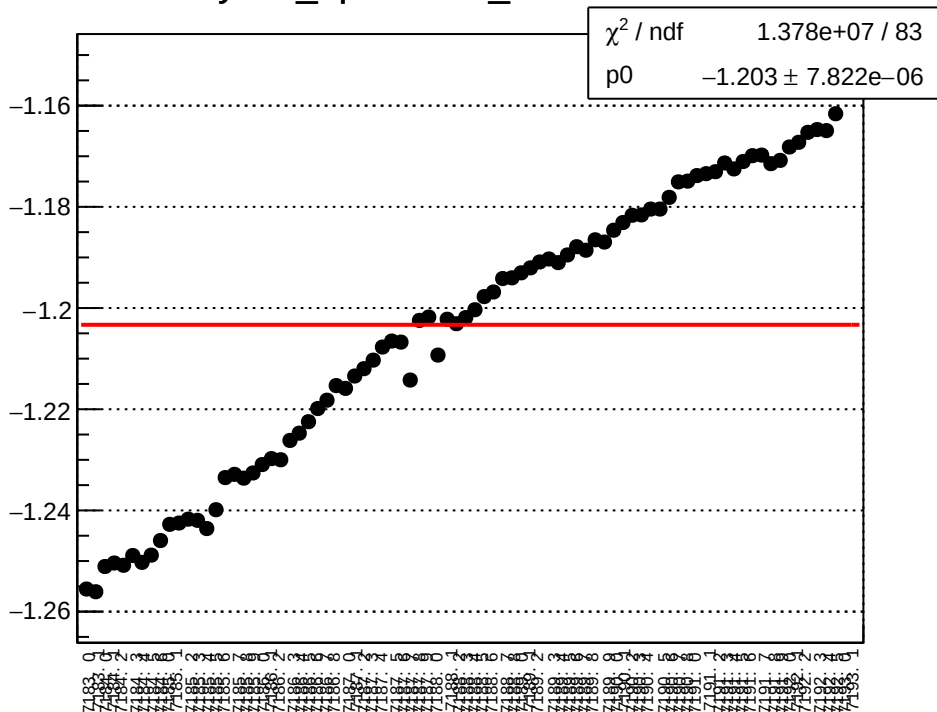
yield_bpm1i02X_mean vs run



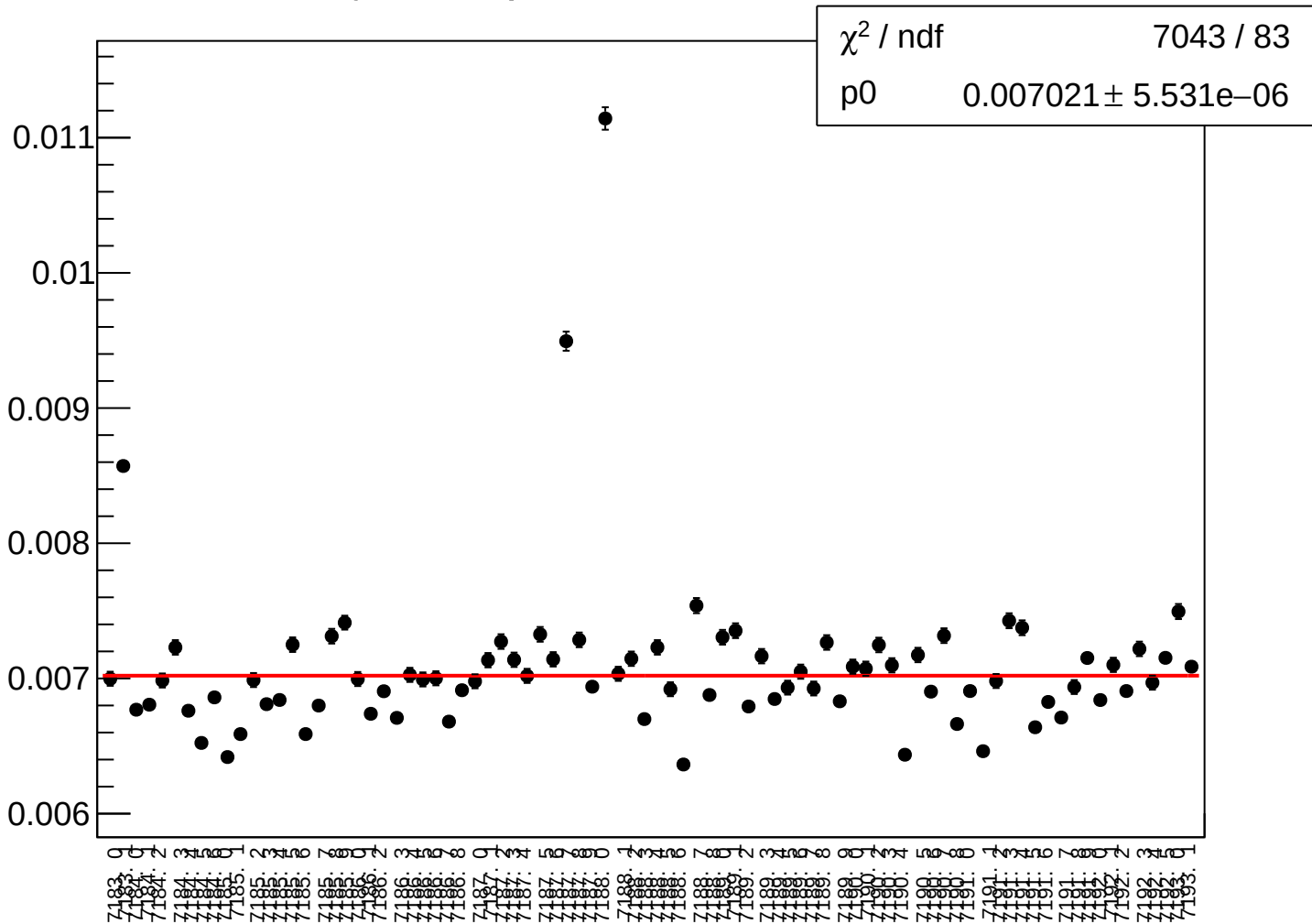
yield_bpm1i02X_rms vs run



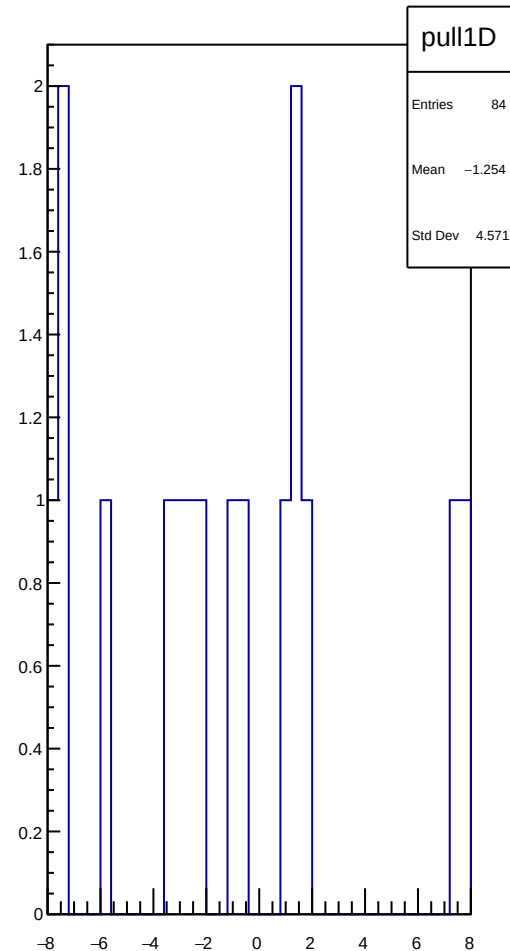
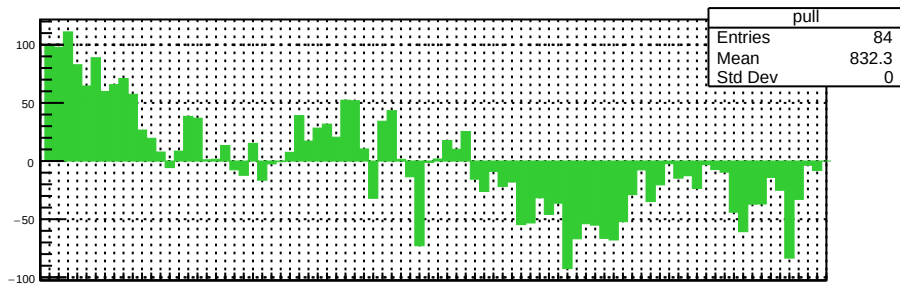
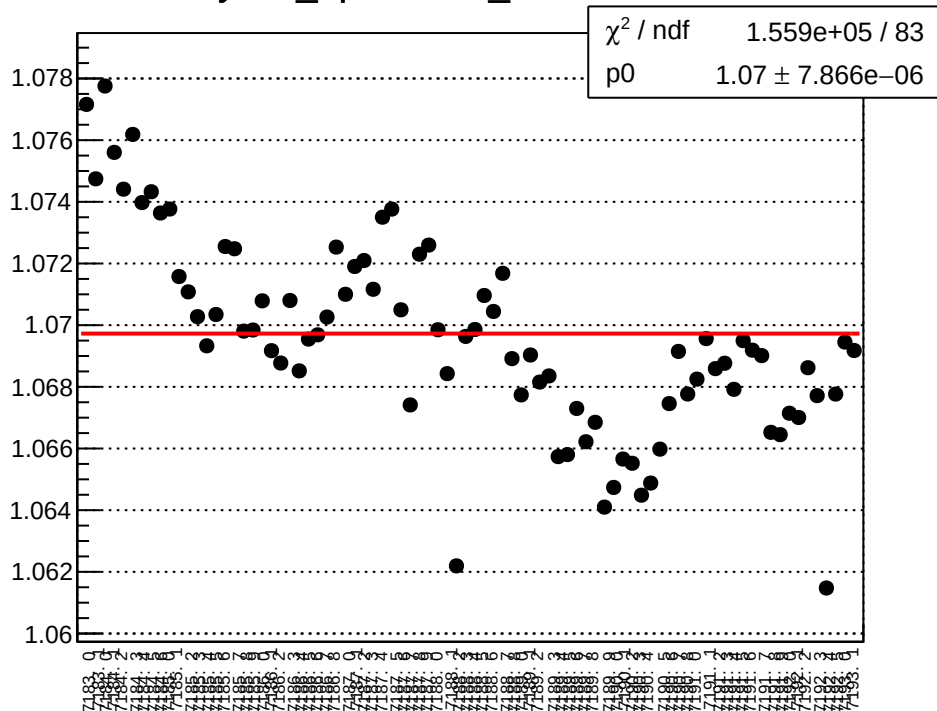
yield_bpm1i02Y_mean vs run



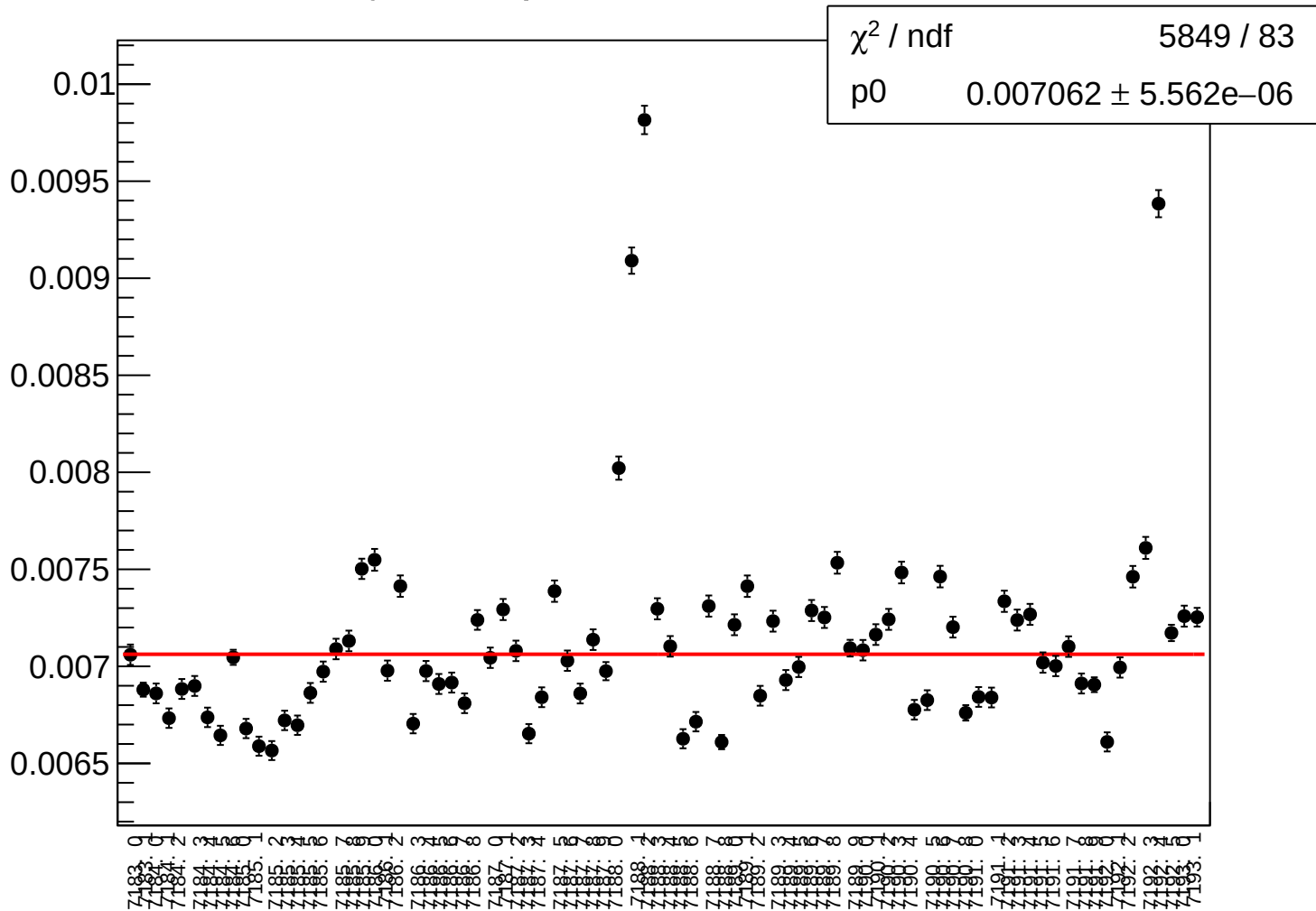
yield_bpm1i02Y_rms vs run



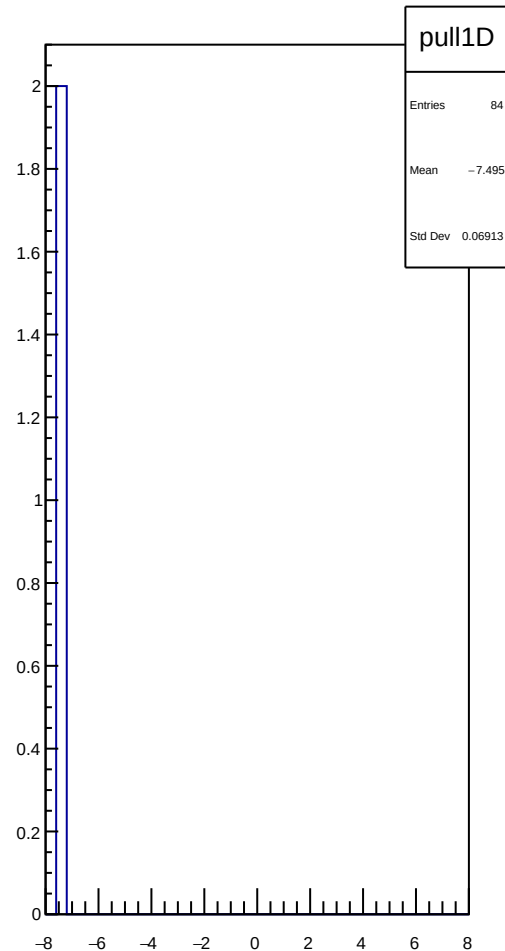
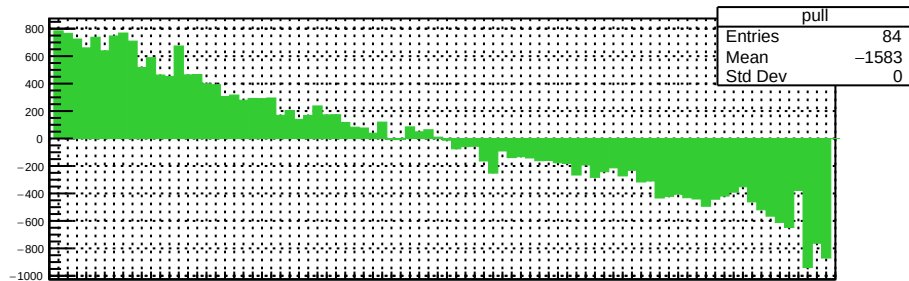
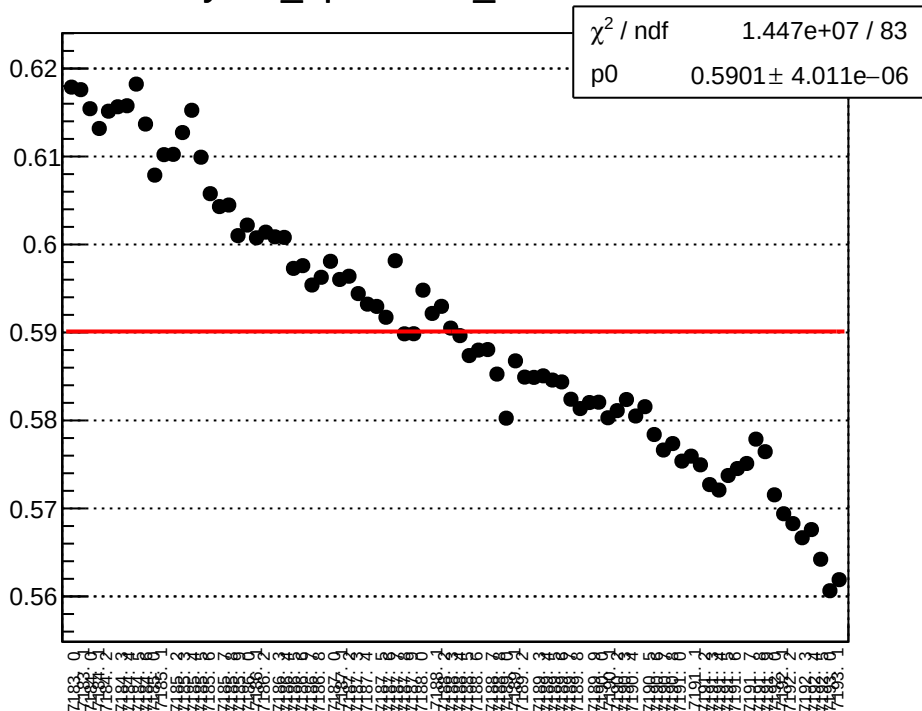
yield_bpm1i04X_mean vs run



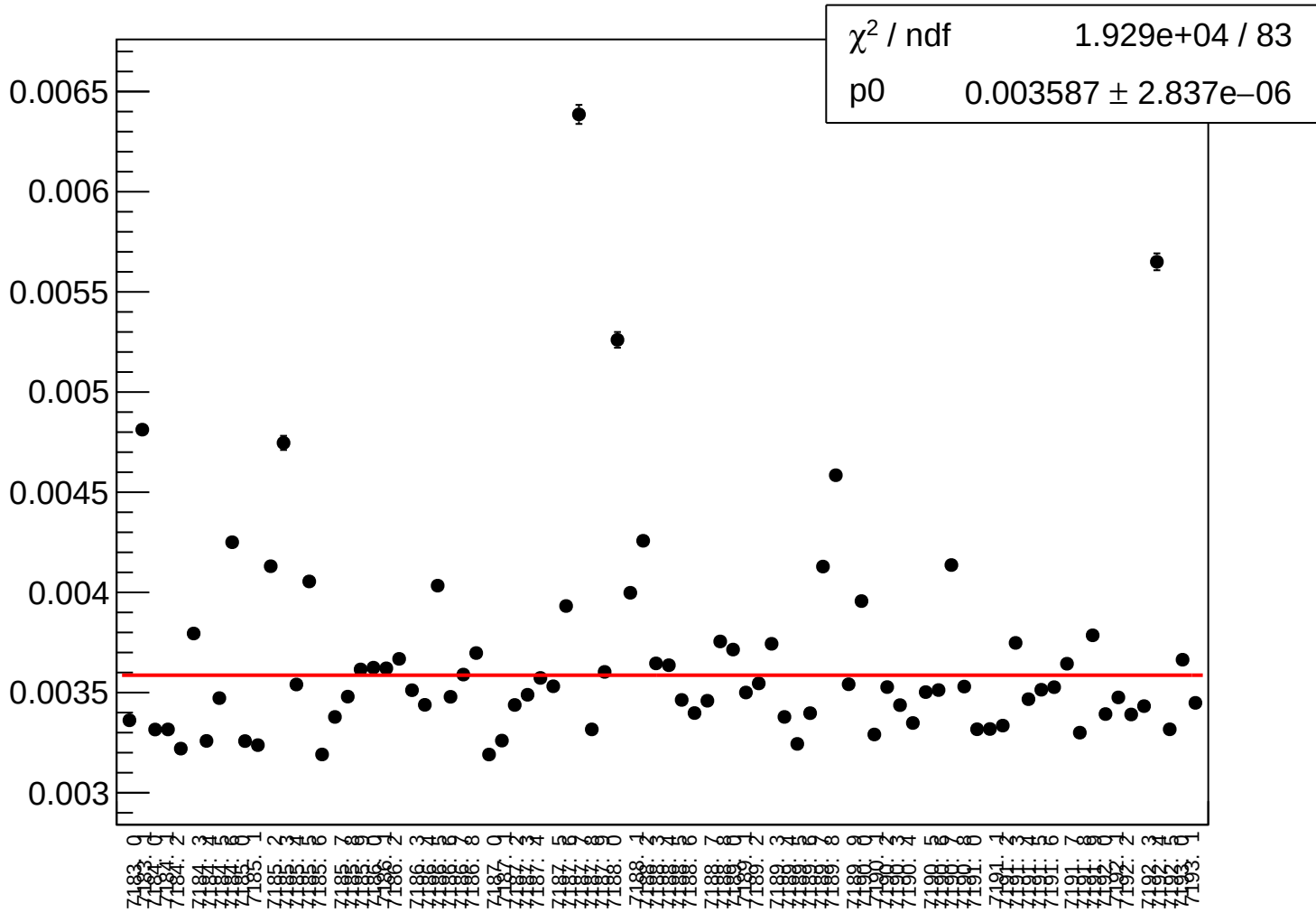
yield_bpm1i04X_rms vs run



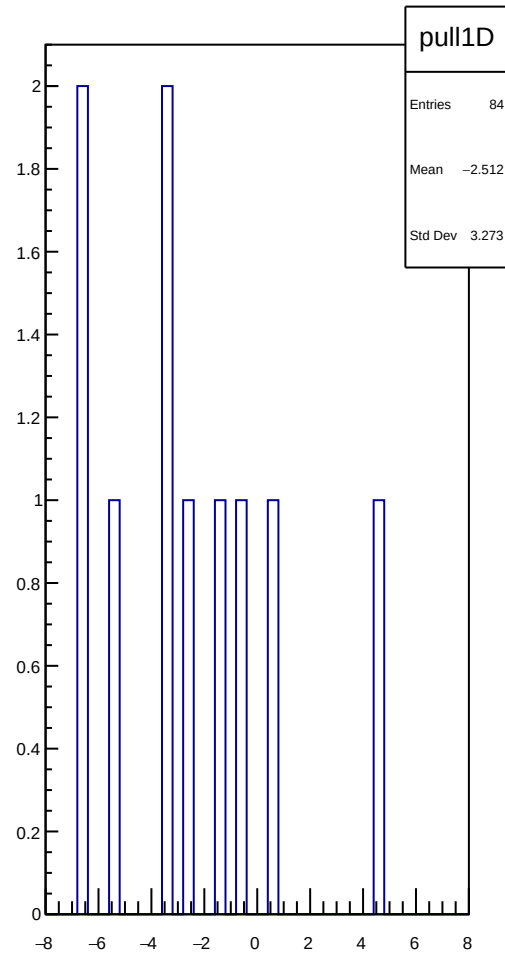
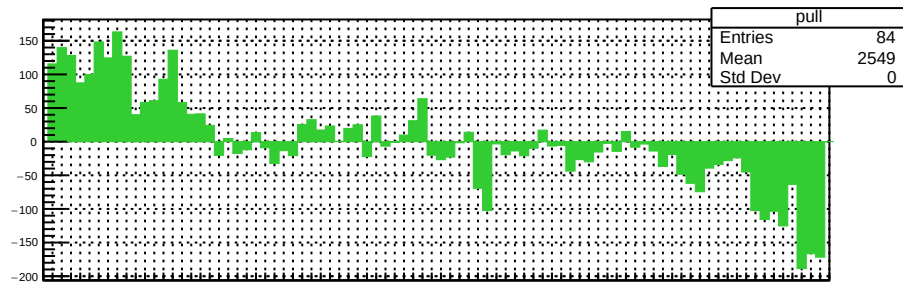
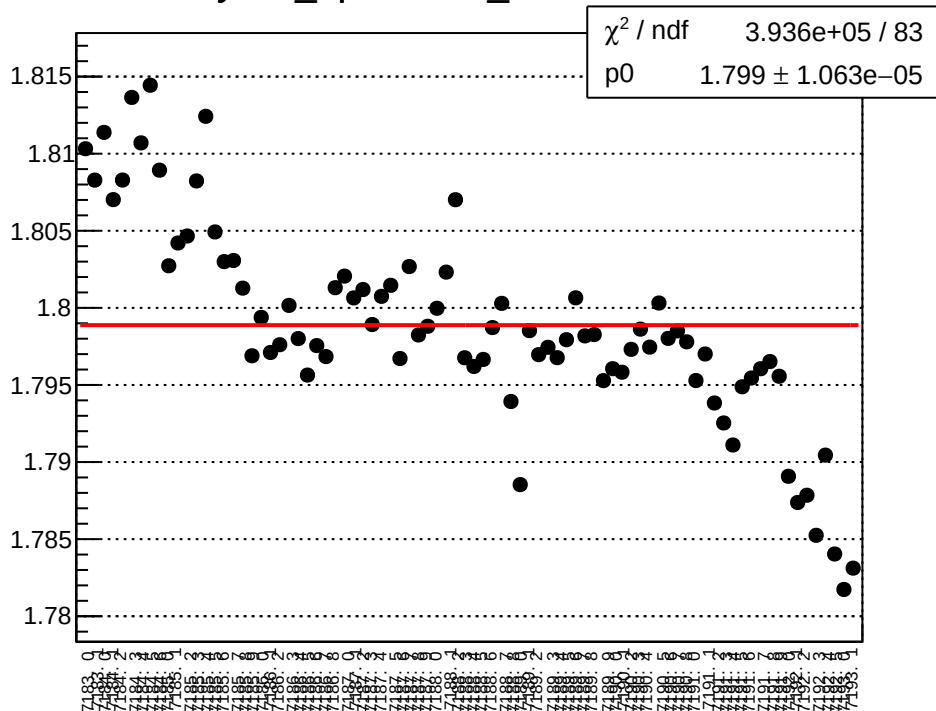
yield_bpm1i04Y_mean vs run



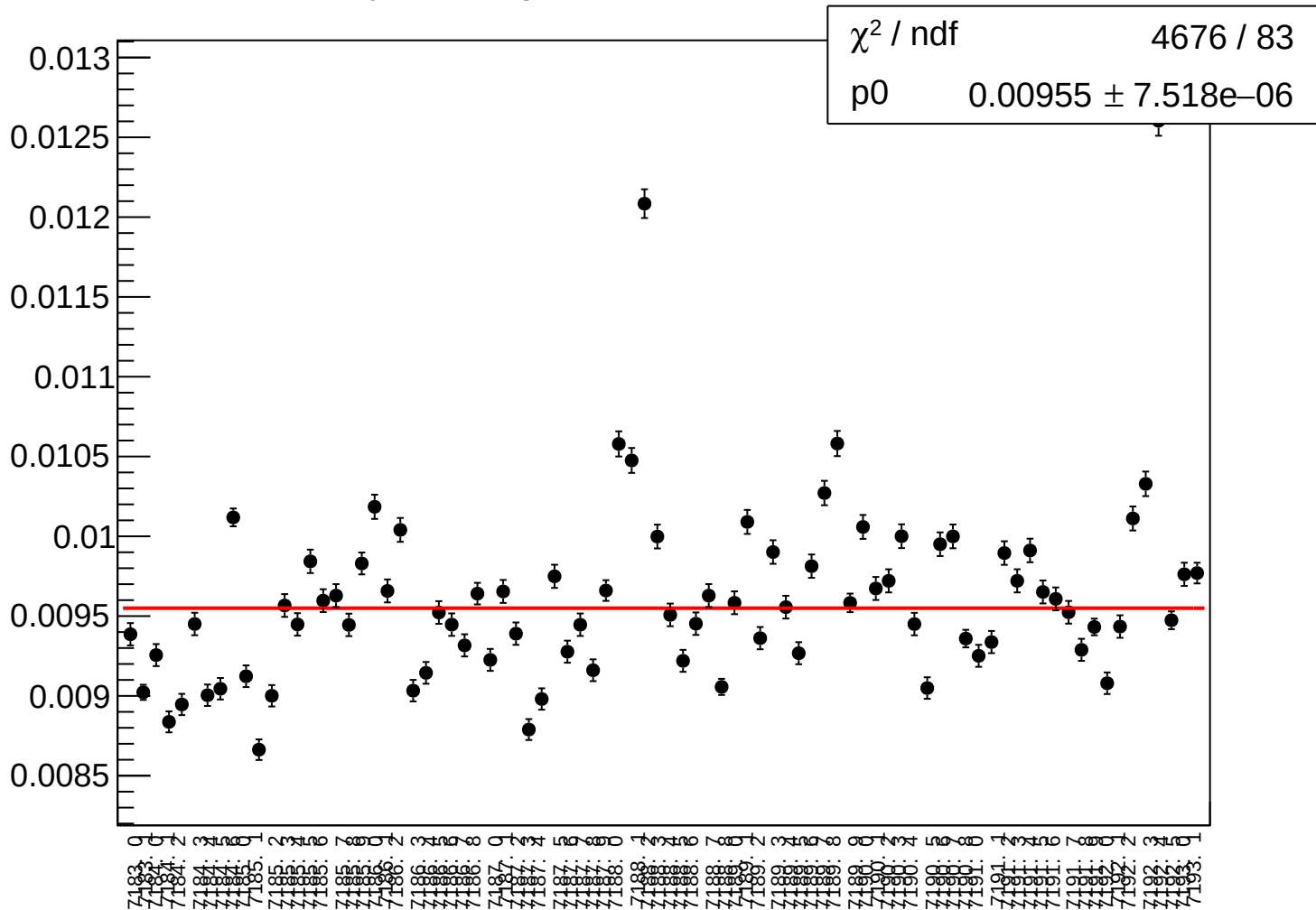
yield_bpm1i04Y_rms vs run



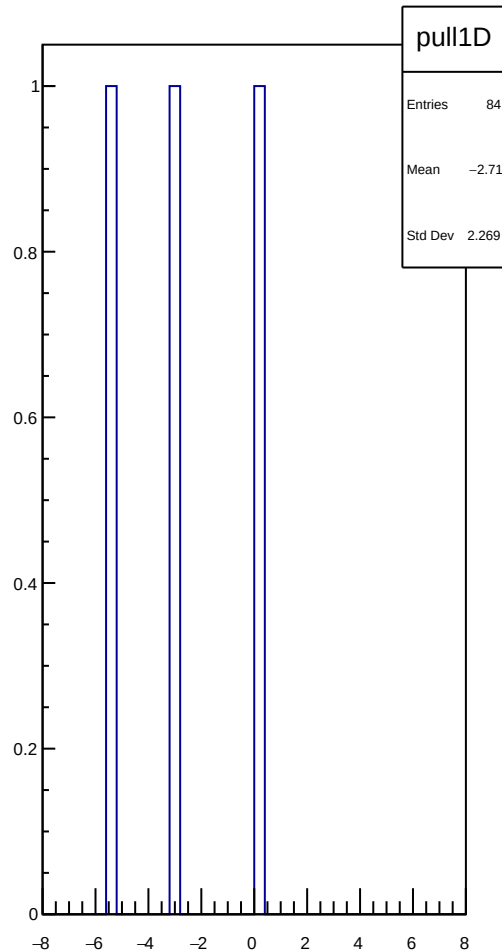
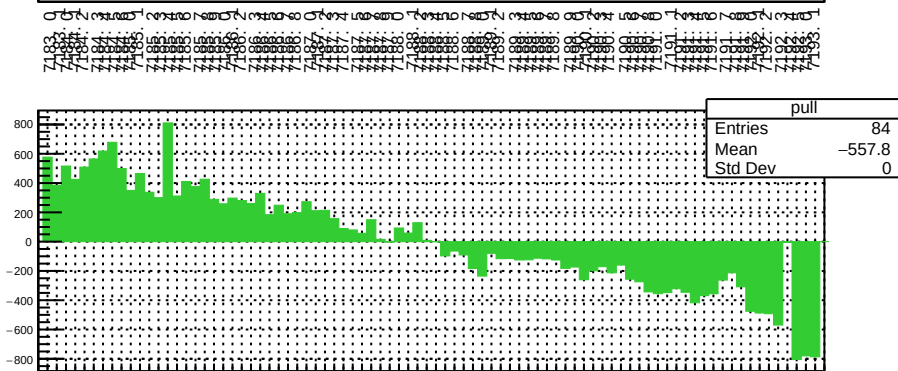
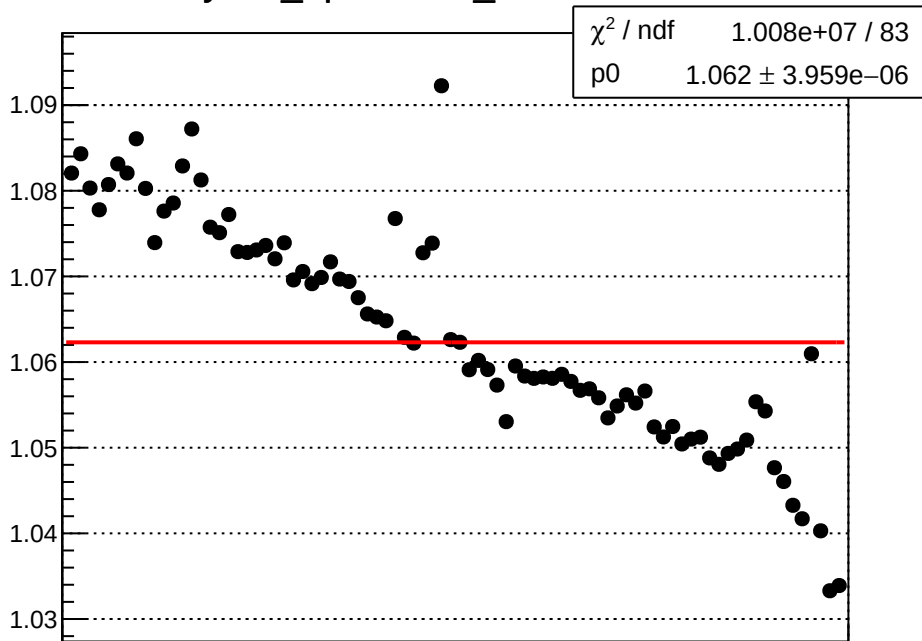
yield_bpm1i06X_mean vs run



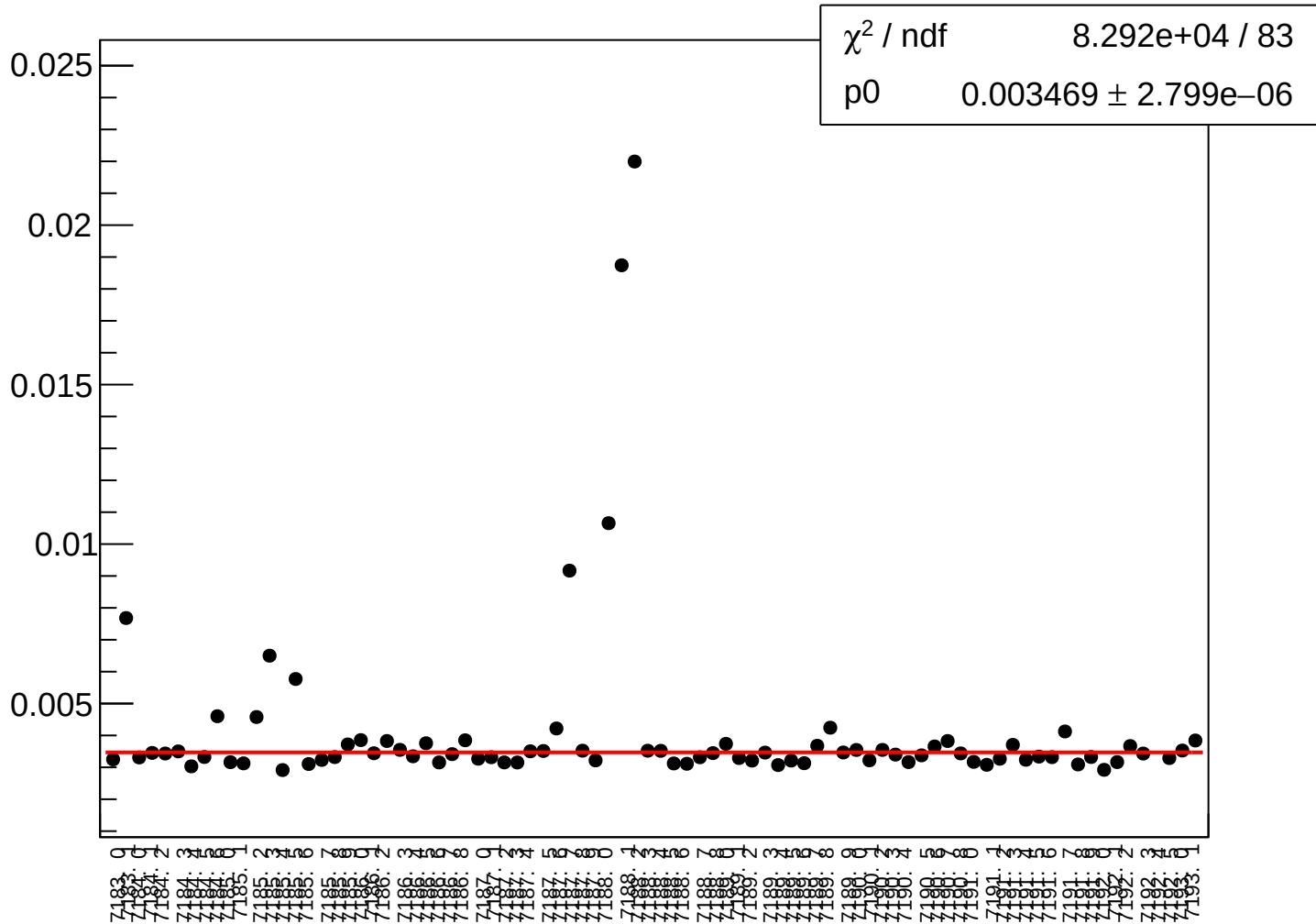
yield_bpm1i06X_rms vs run



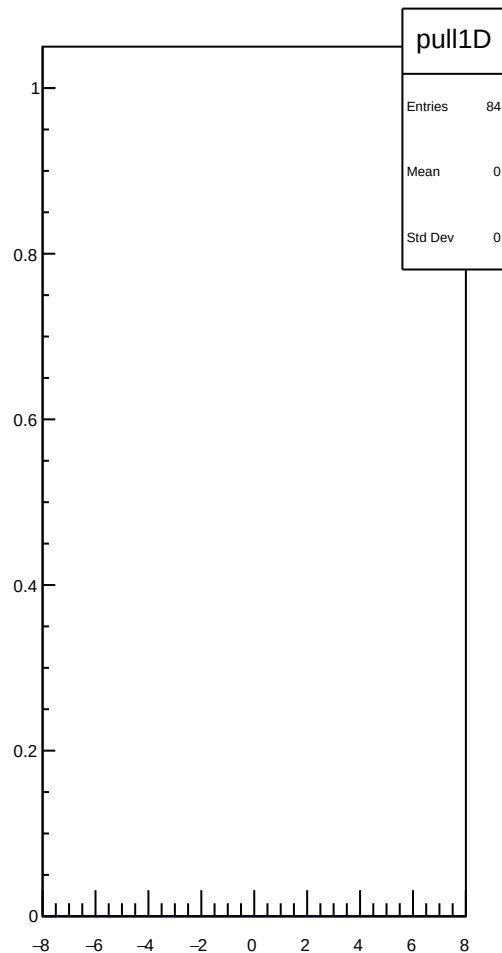
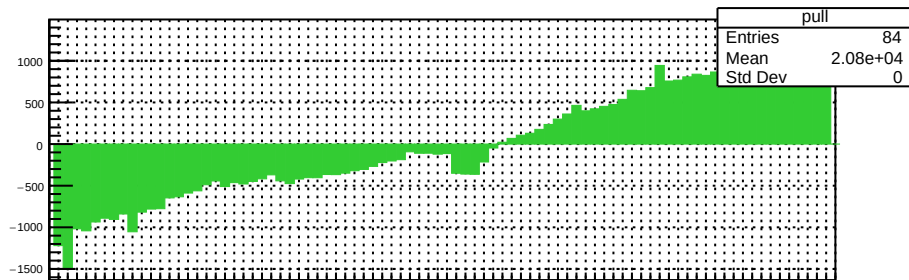
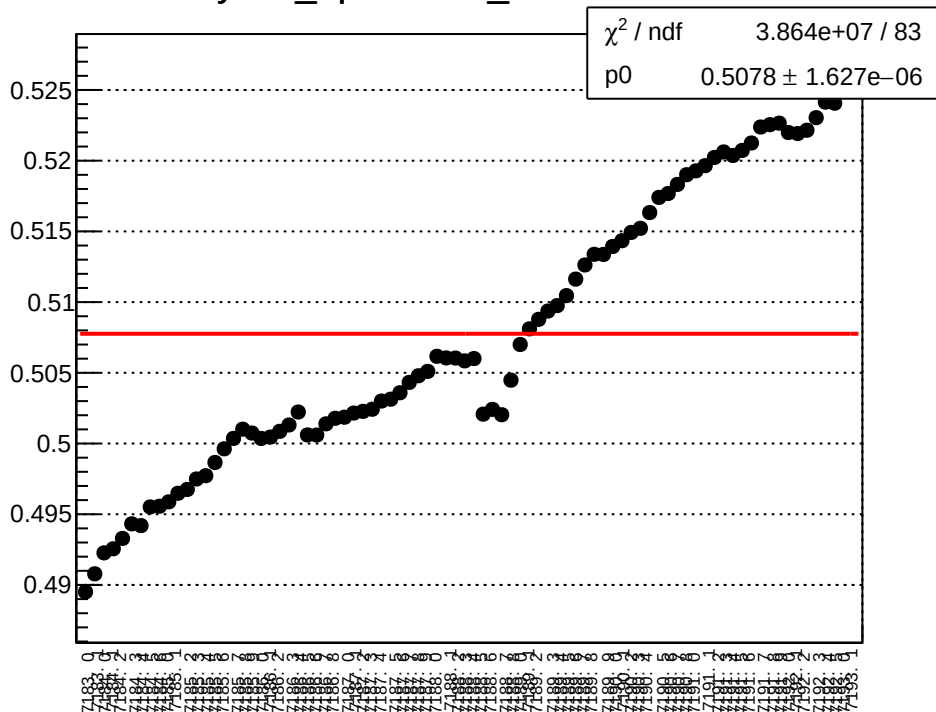
yield_bpm1i06Y_mean vs run



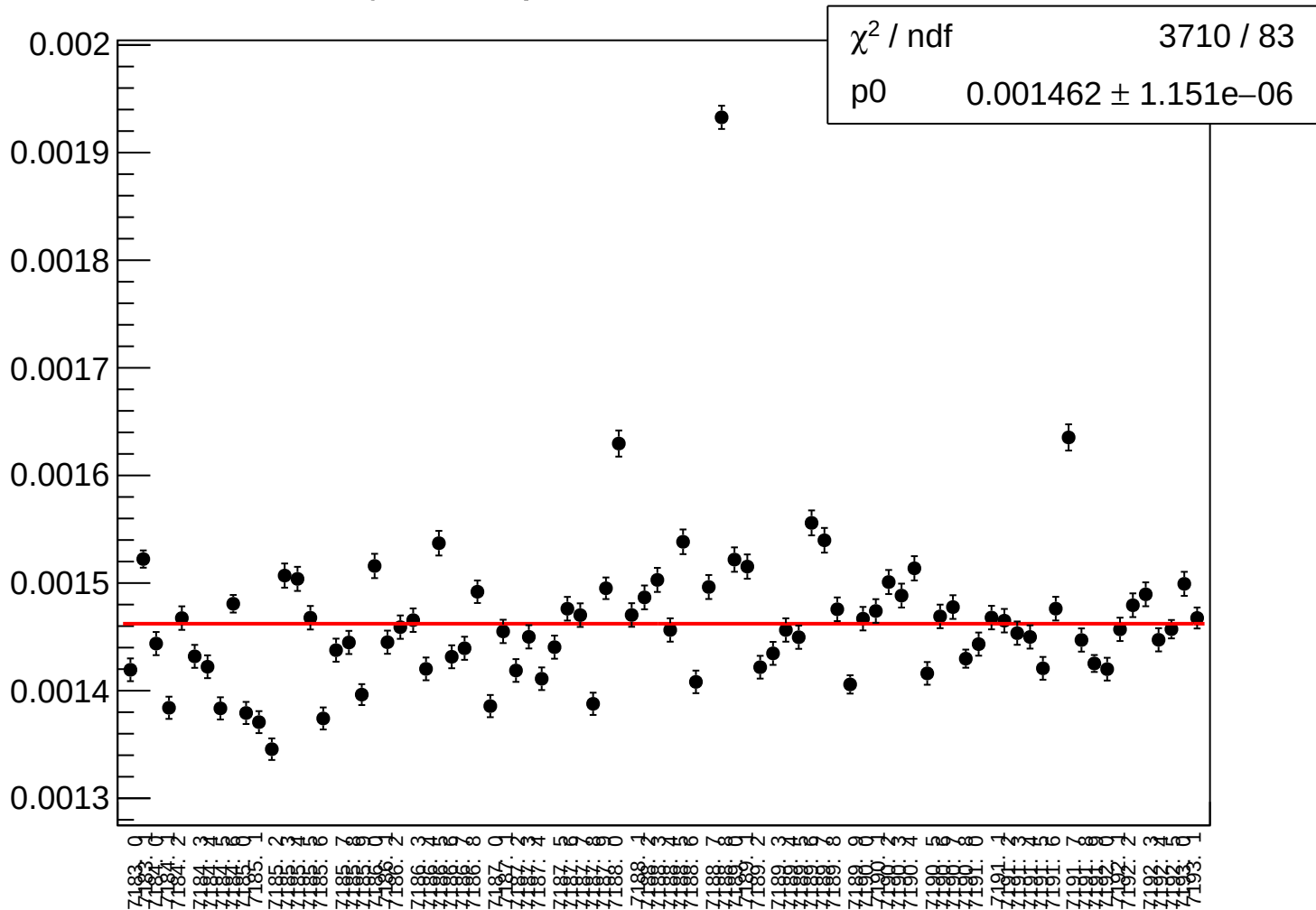
yield_bpm1i06Y_rms vs run



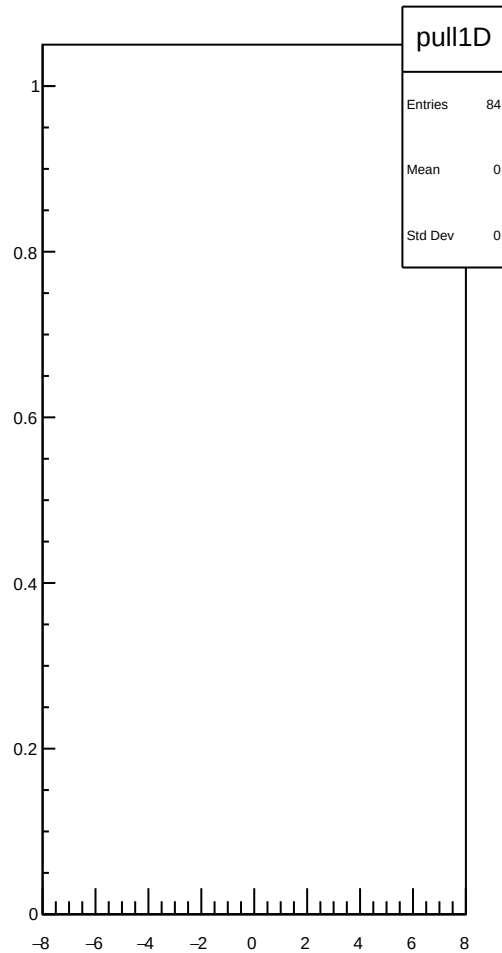
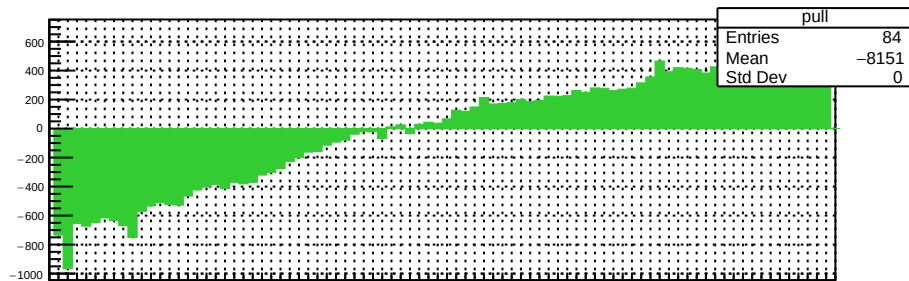
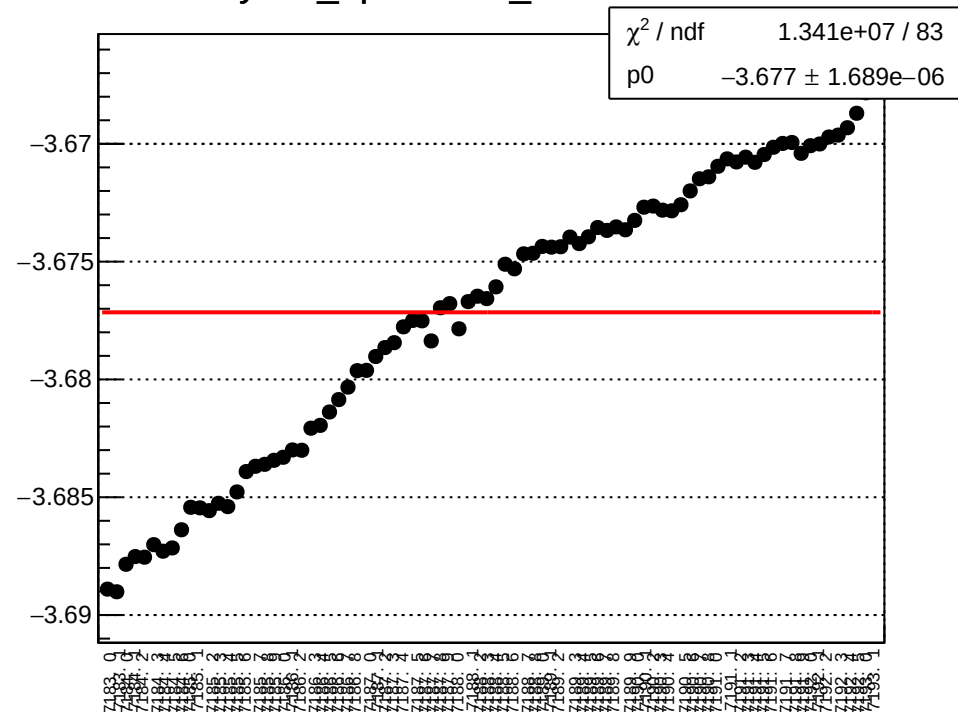
yield_bpm2i01X_mean vs run



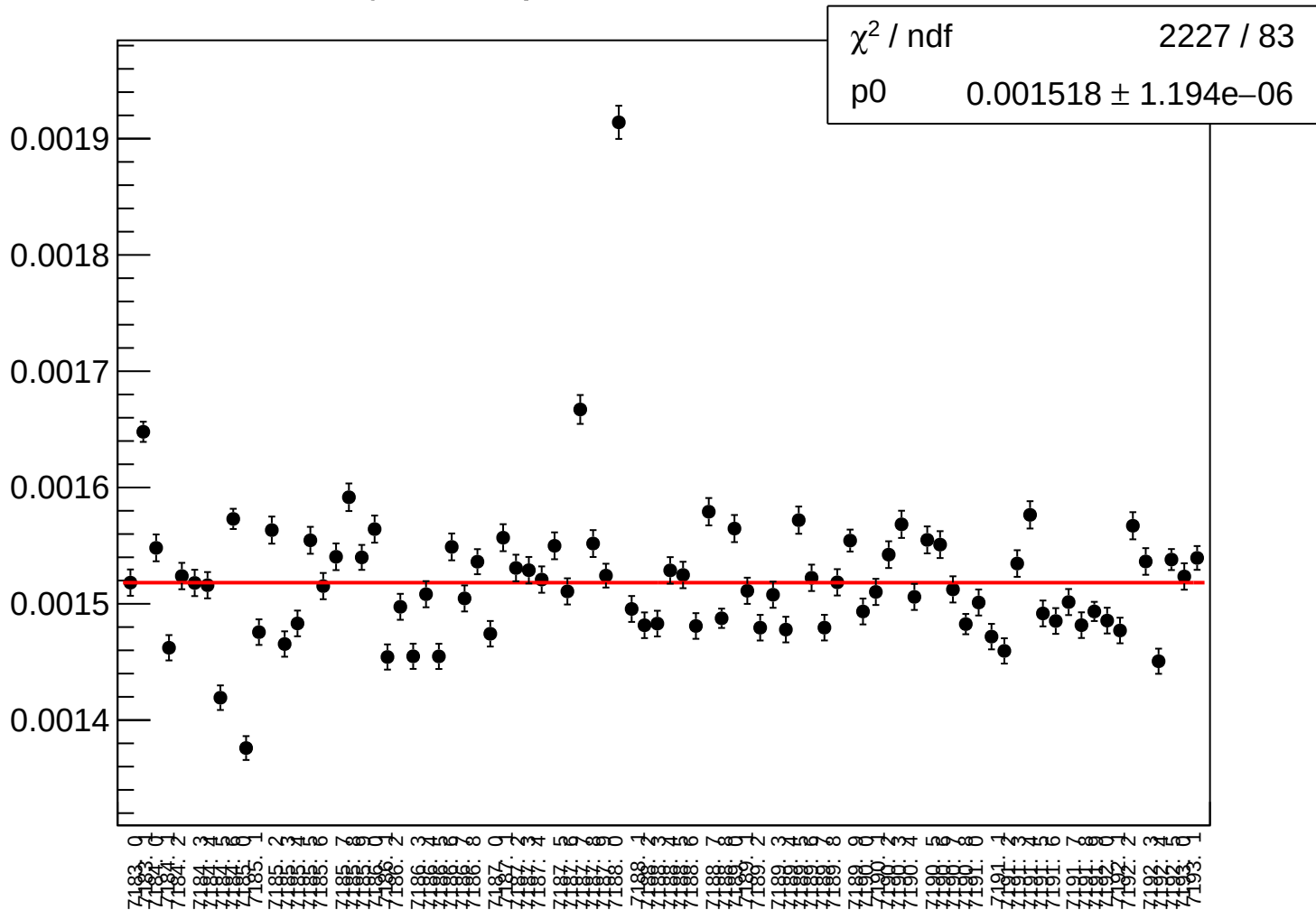
yield_bpm2i01X_rms vs run



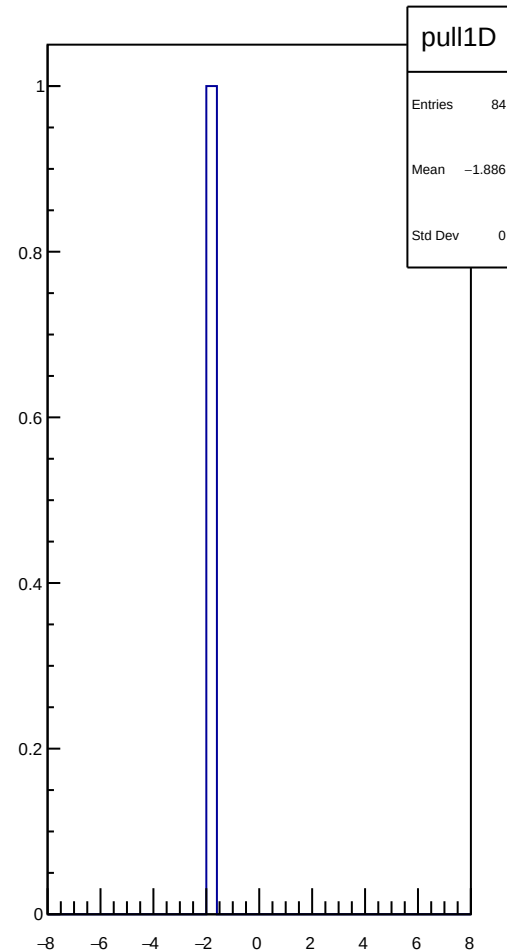
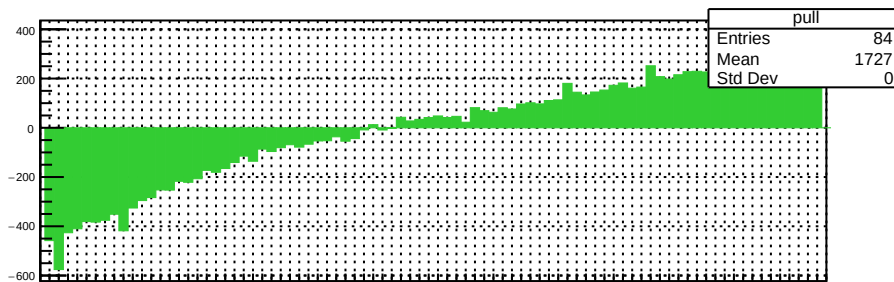
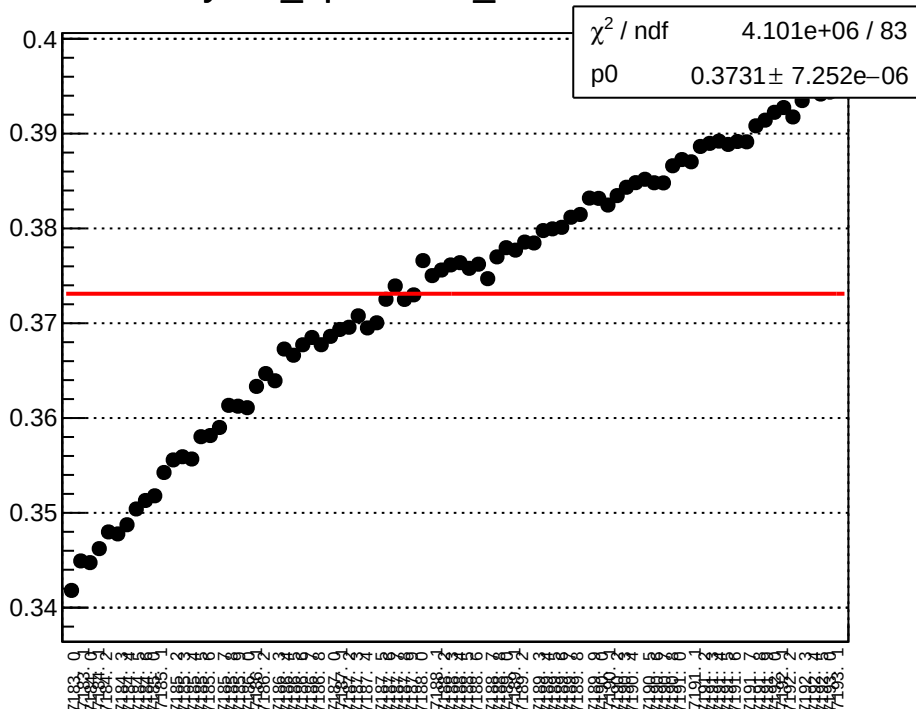
yield_bpm2i01Y_mean vs run



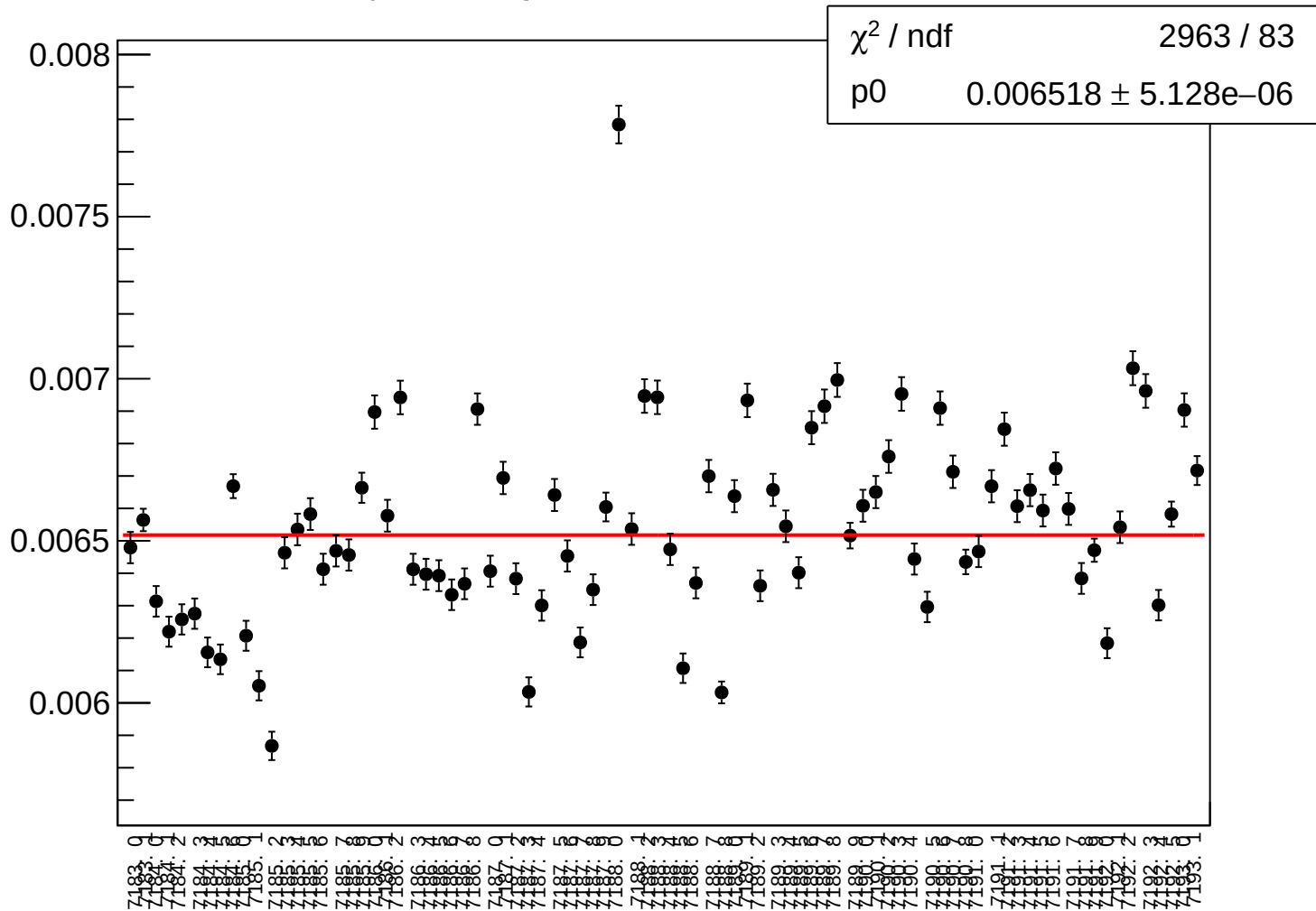
yield_bpm2i01Y_rms vs run



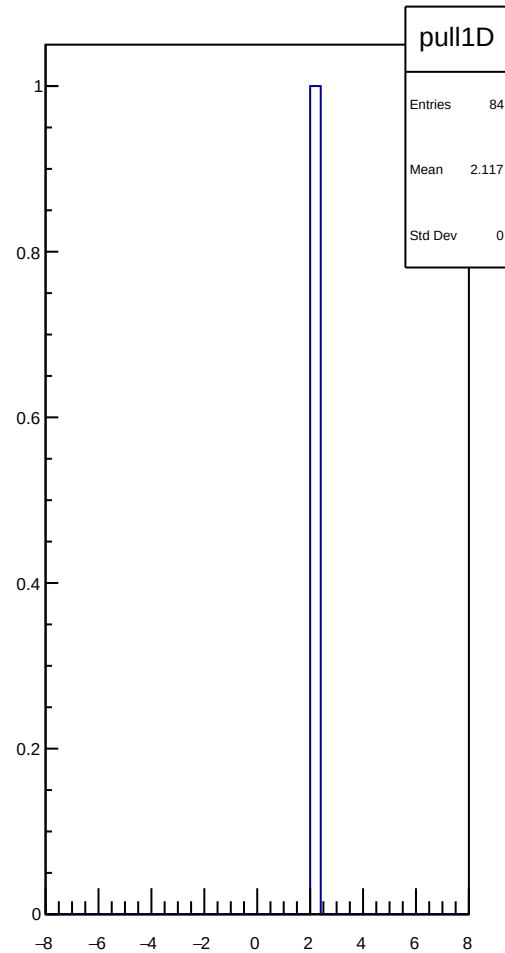
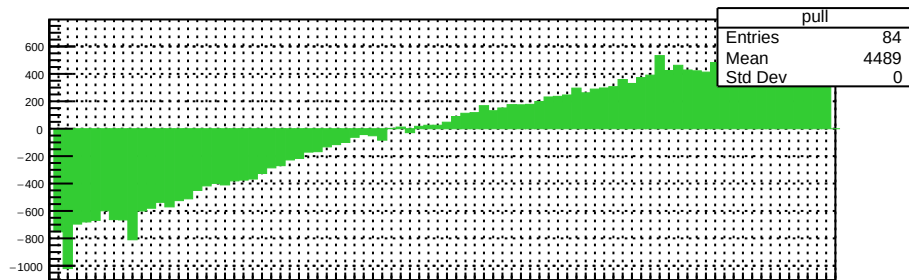
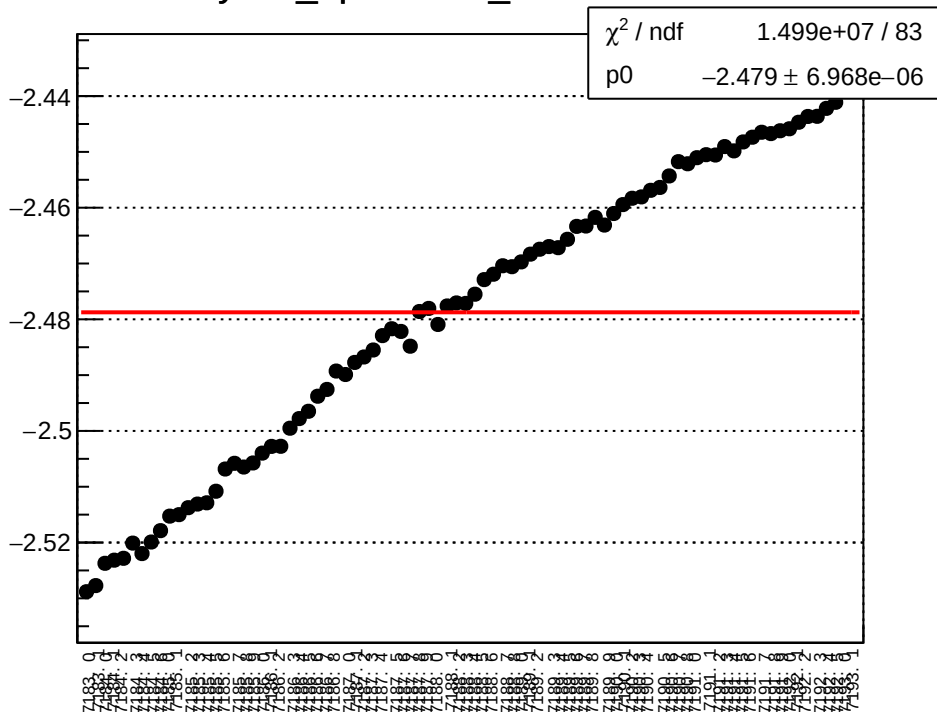
yield_bpm2i02X_mean vs run



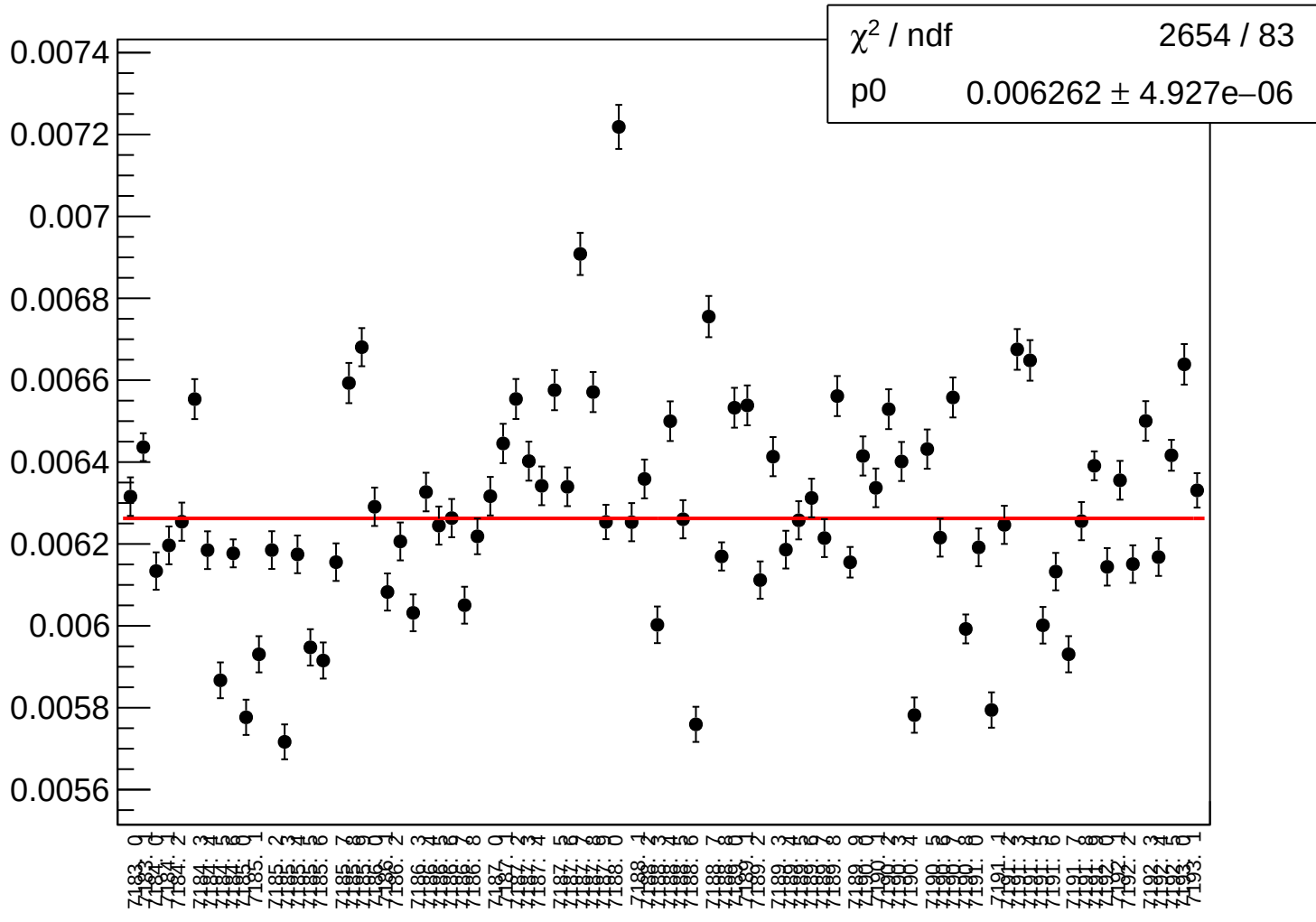
yield_bpm2i02X_rms vs run



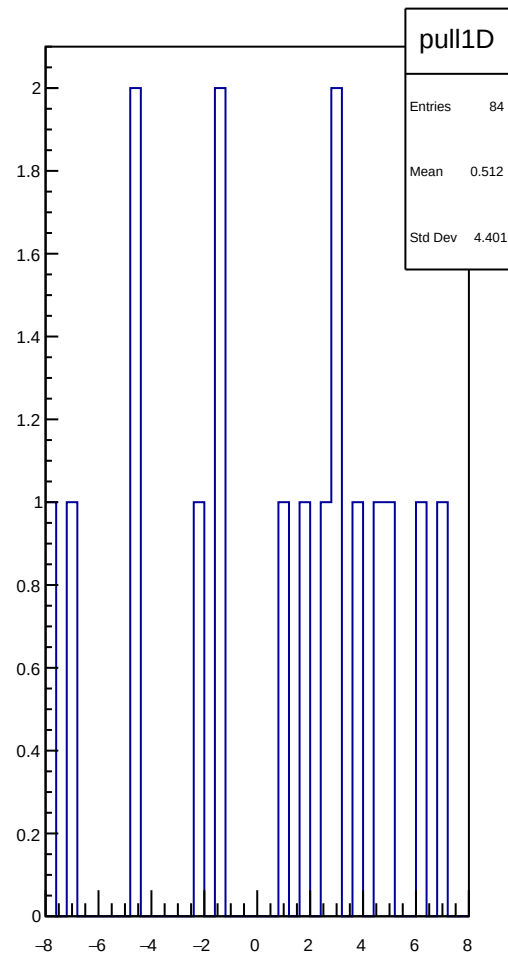
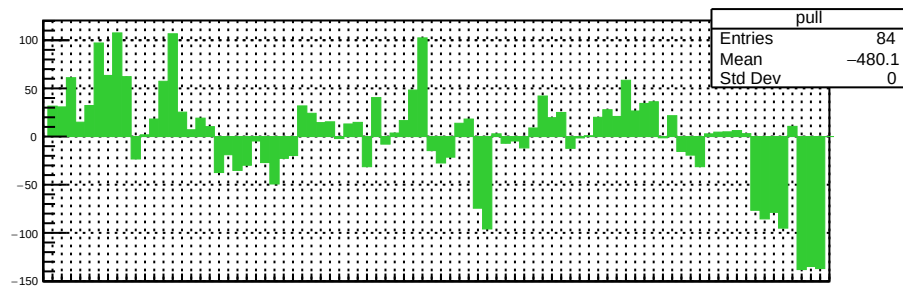
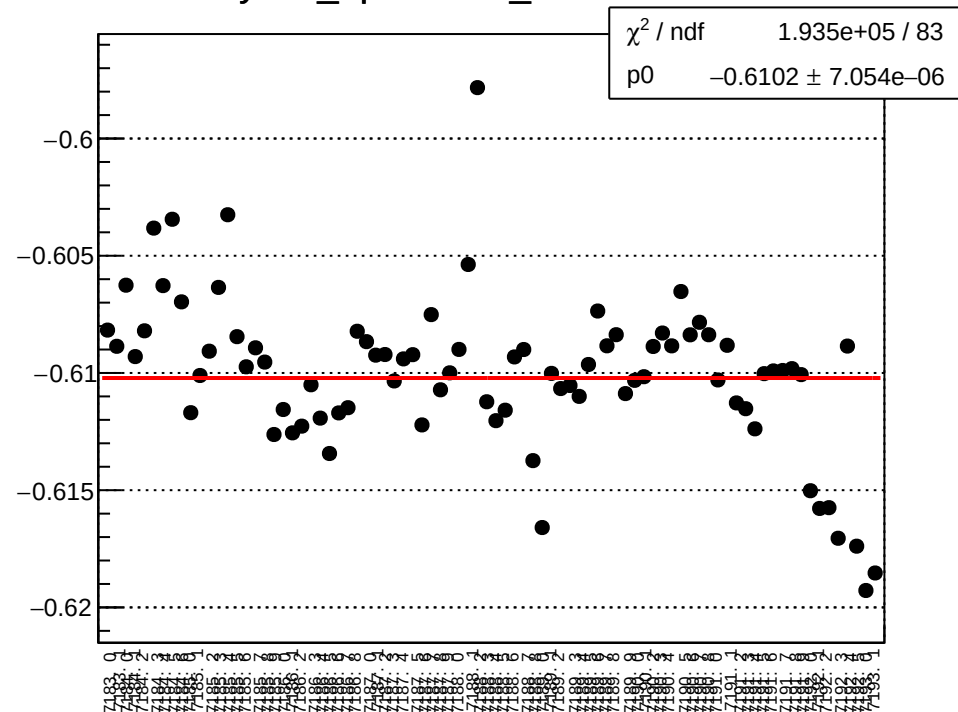
yield_bpm2i02Y_mean vs run



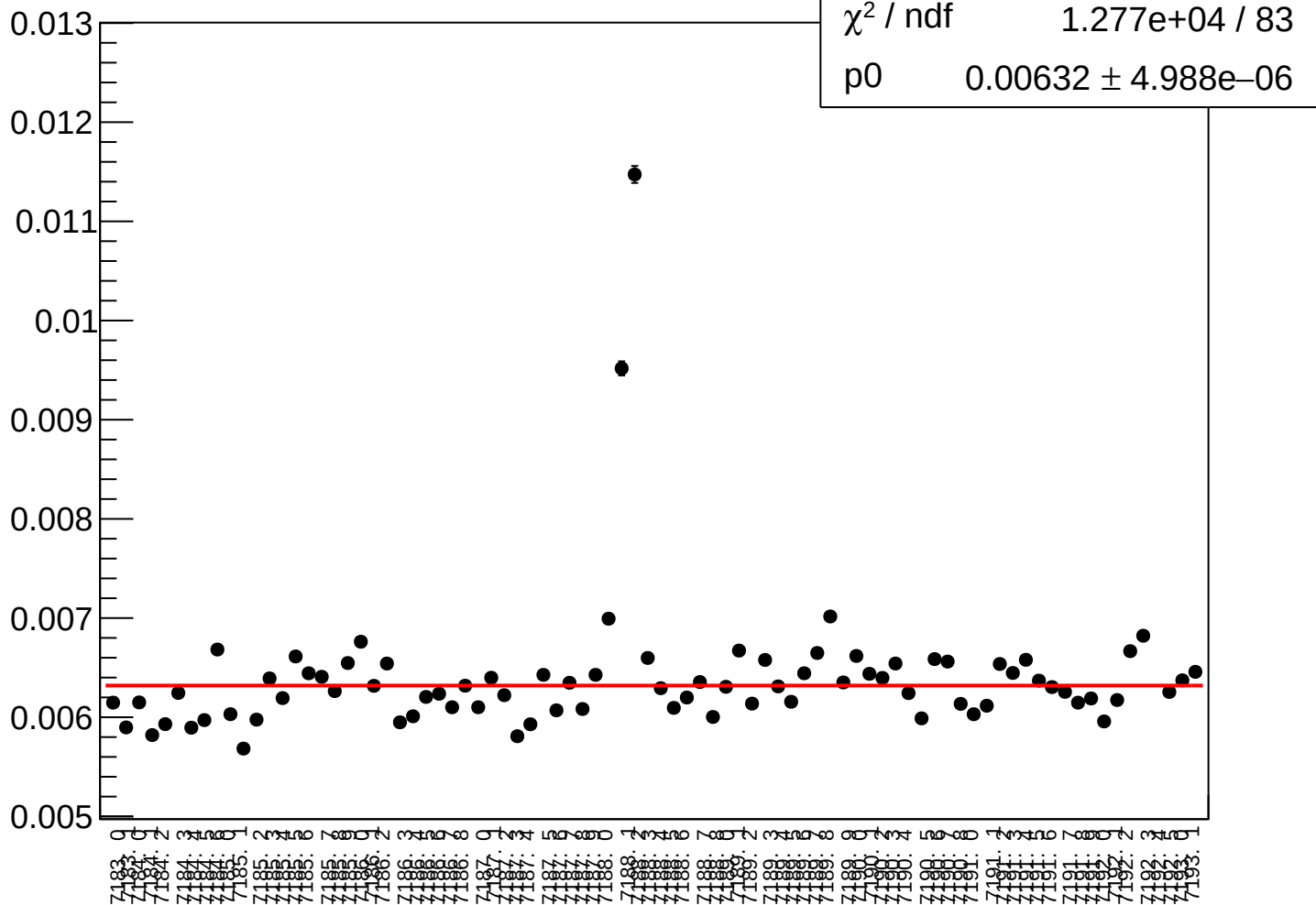
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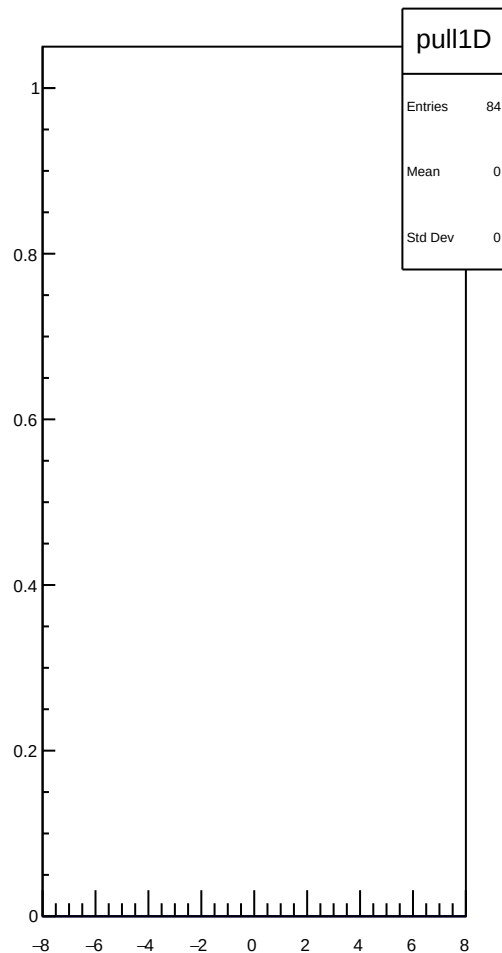
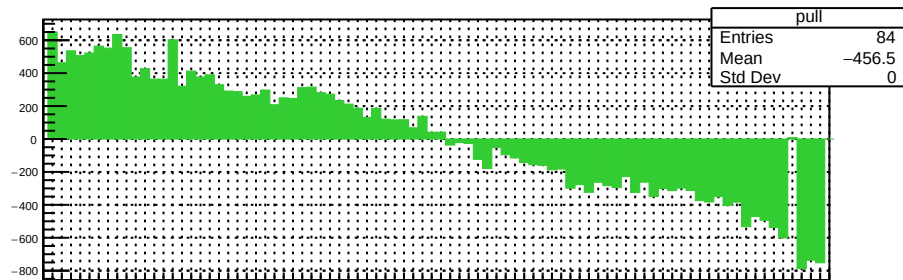
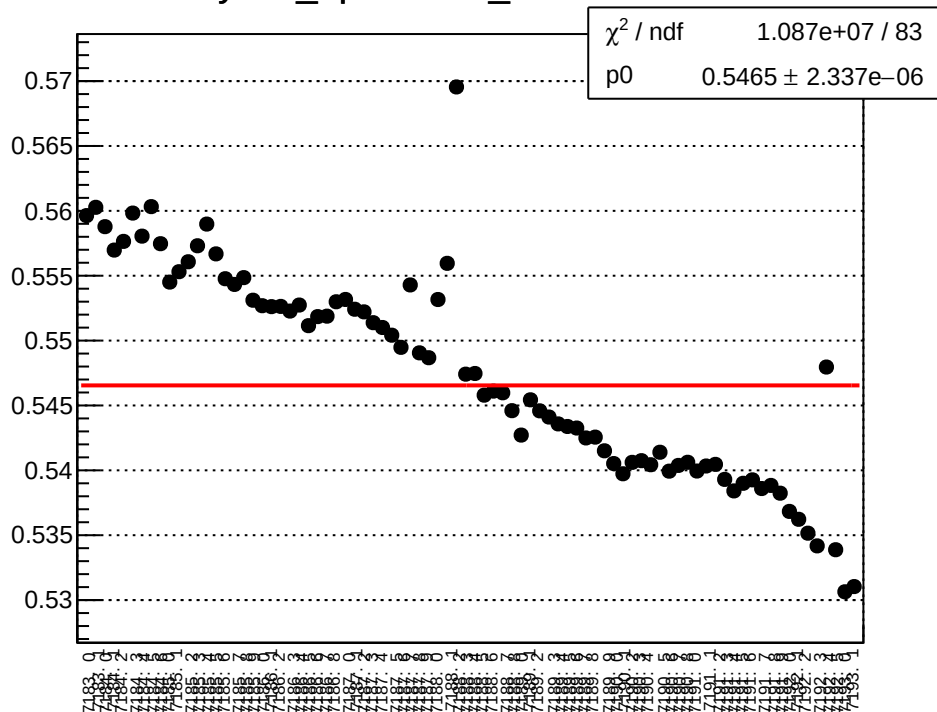
yield_bpm0i01X_mean vs run



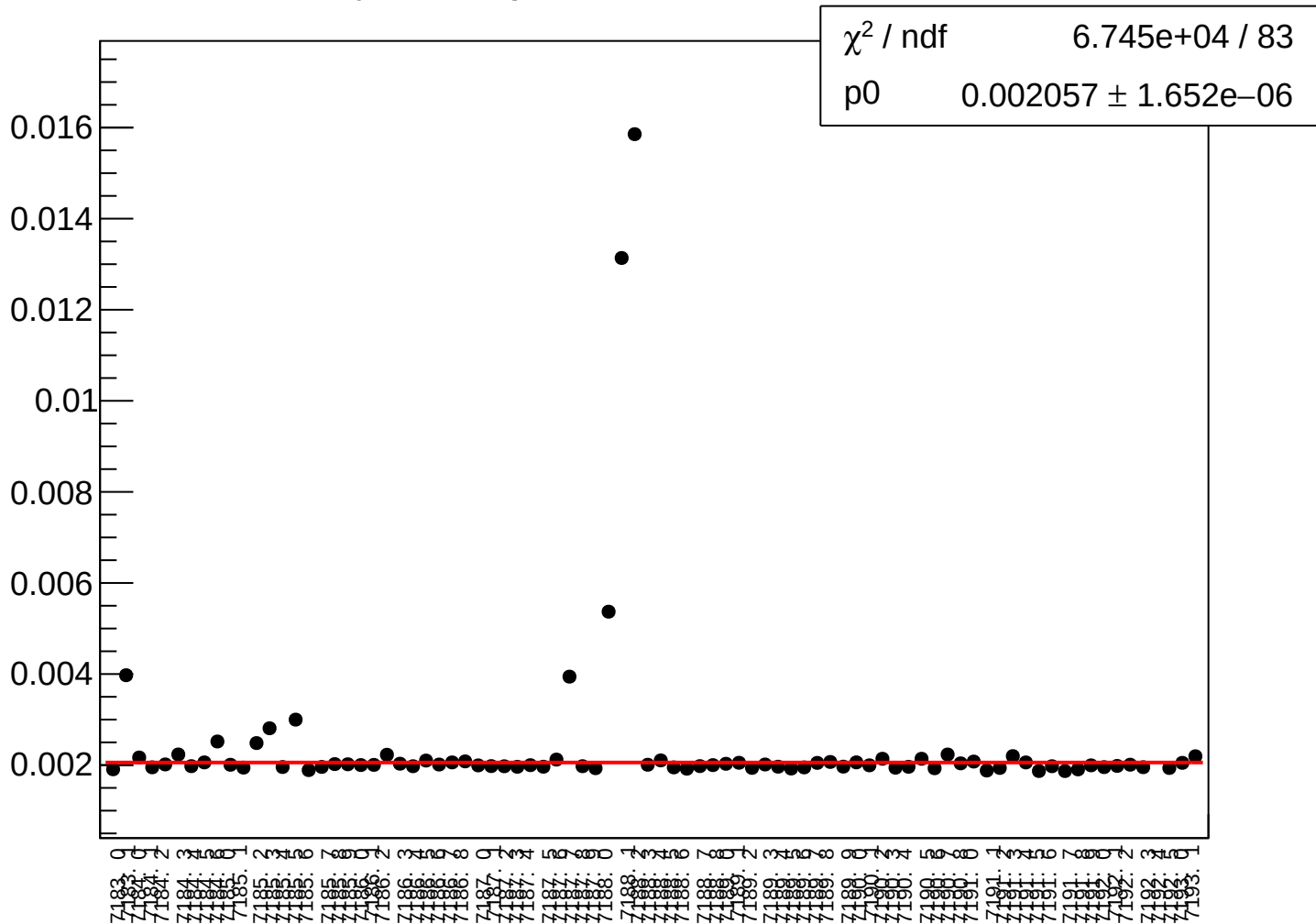
yield_bpm0i01X_rms vs run



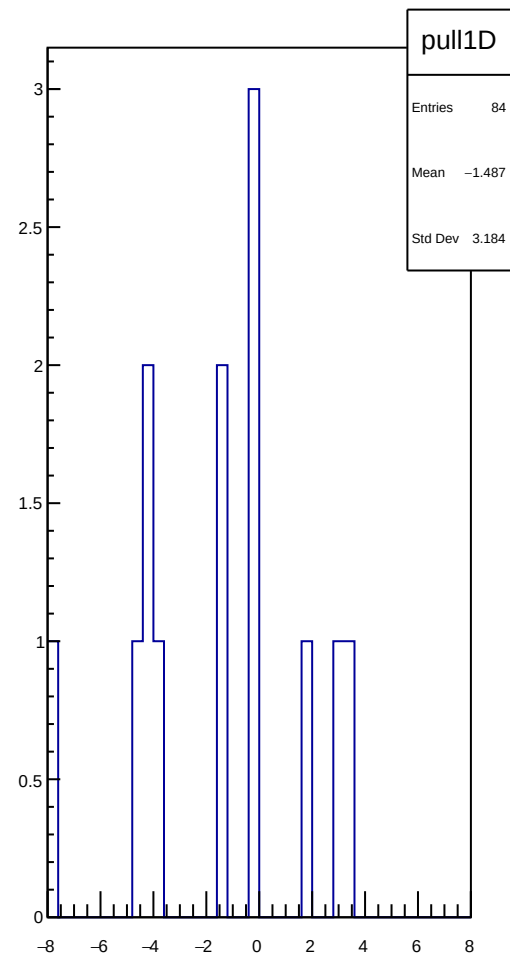
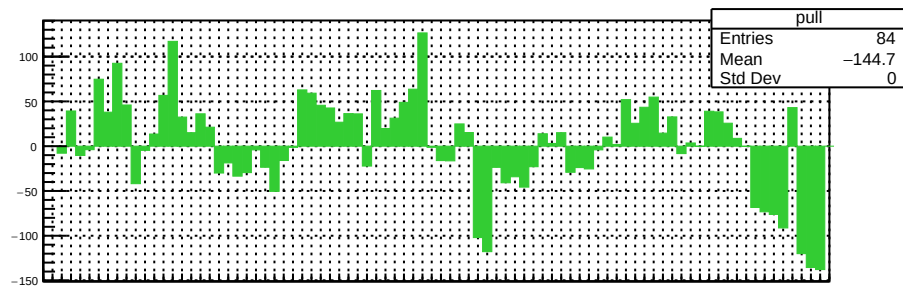
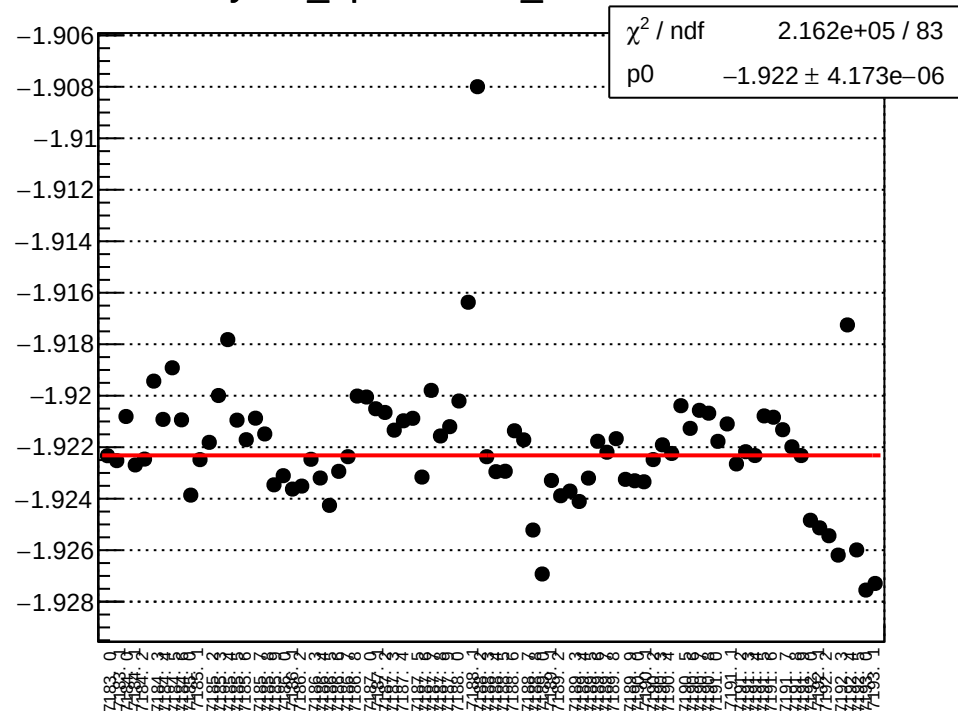
yield_bpm0i01Y_mean vs run



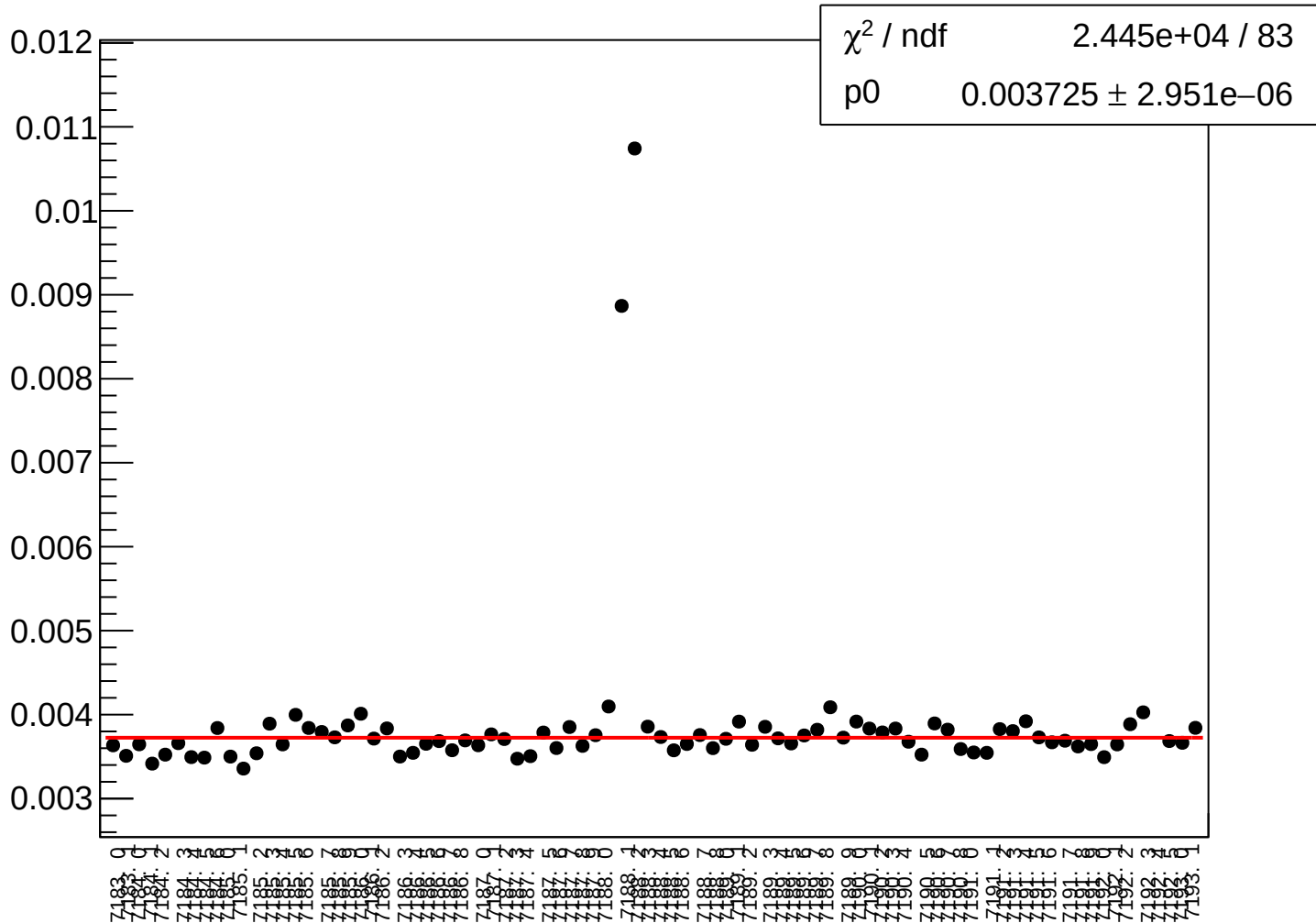
yield_bpm0i01Y_rms vs run



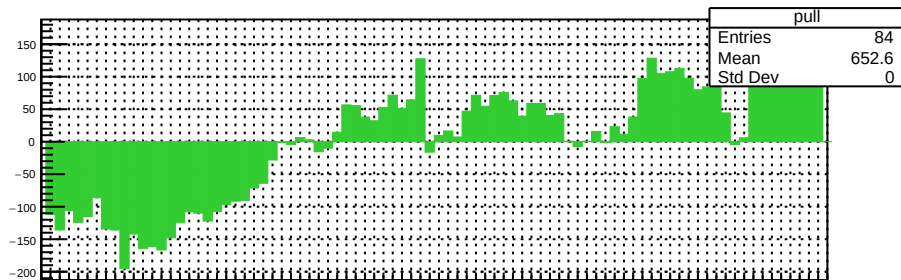
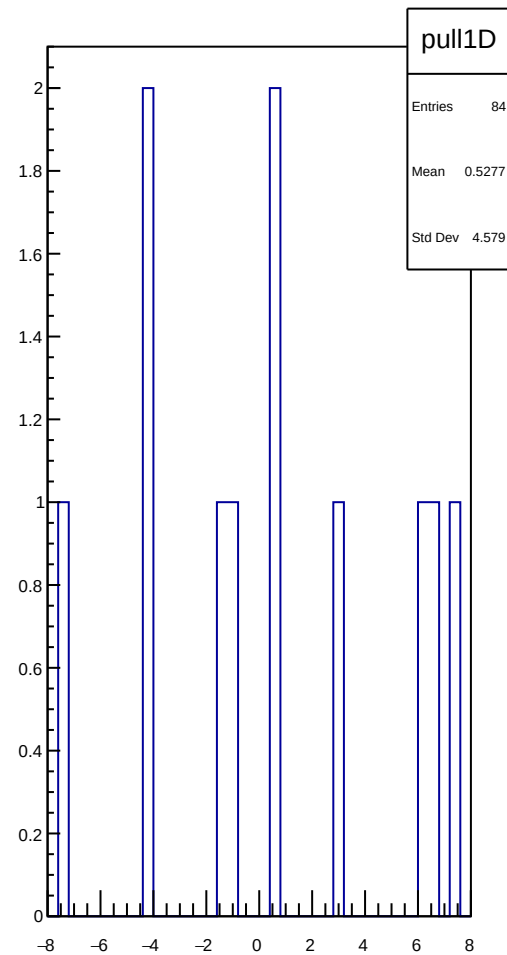
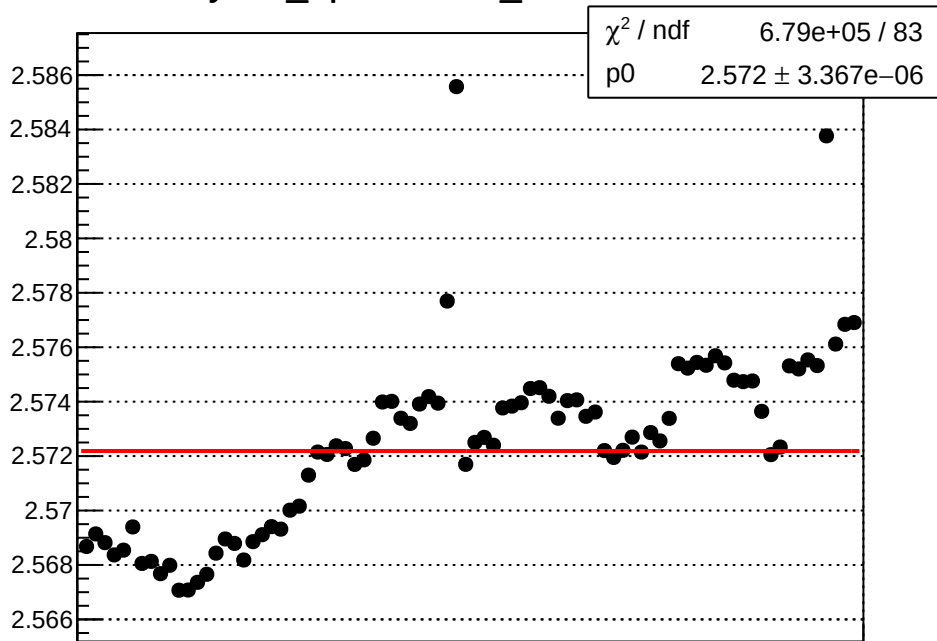
yield_bpm0i01aX_mean vs run



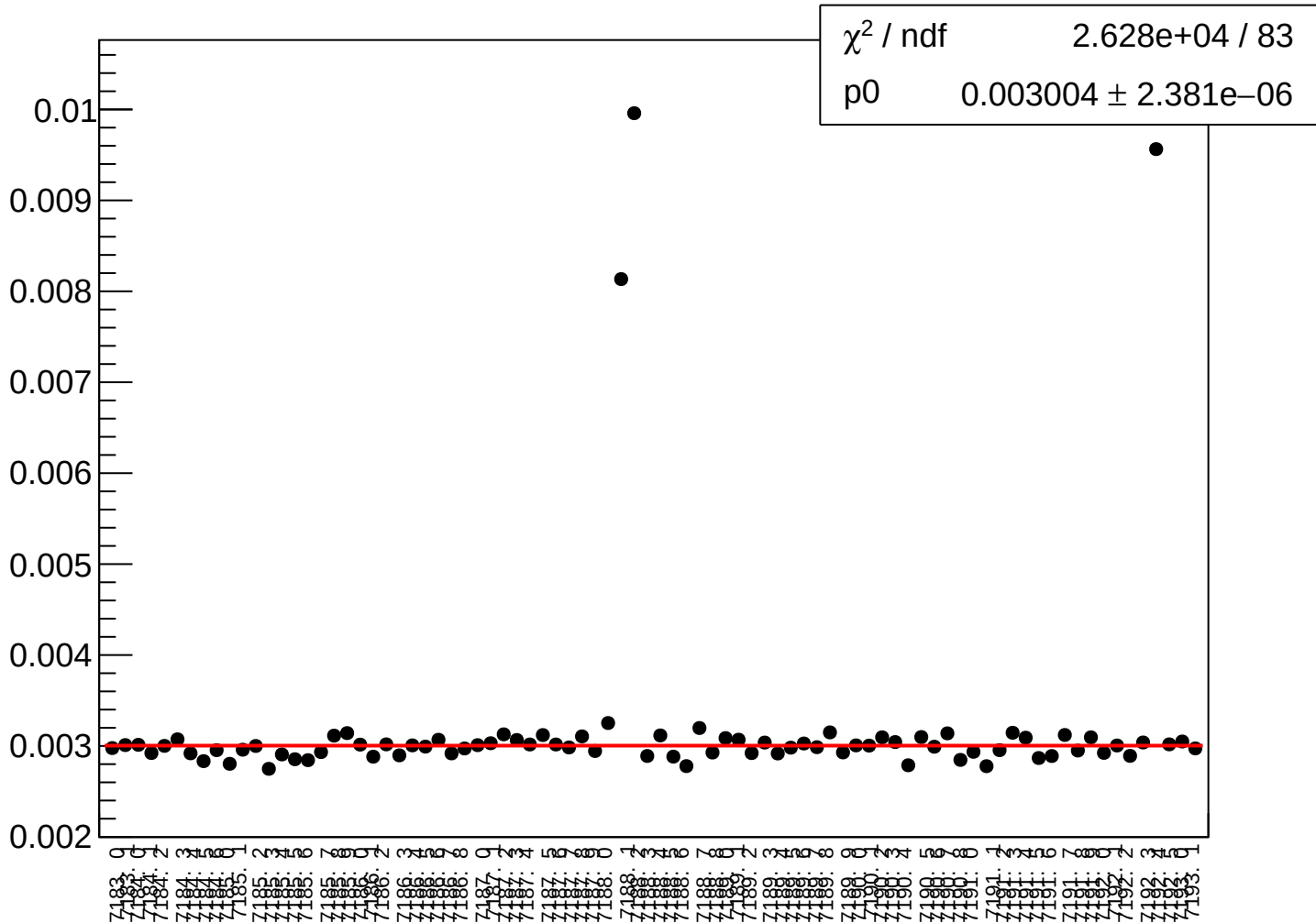
yield_bpm0i01aX_rms vs run



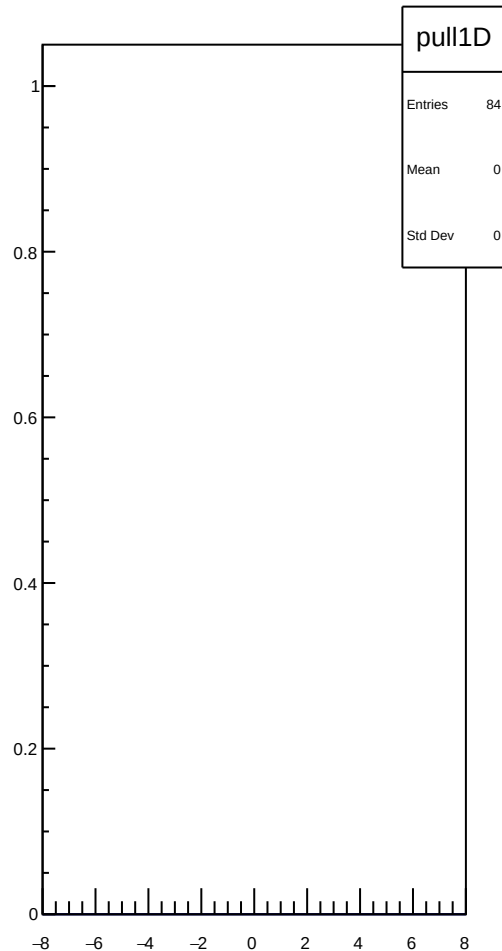
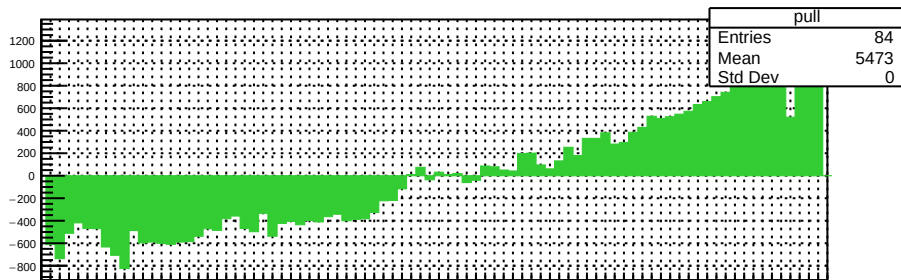
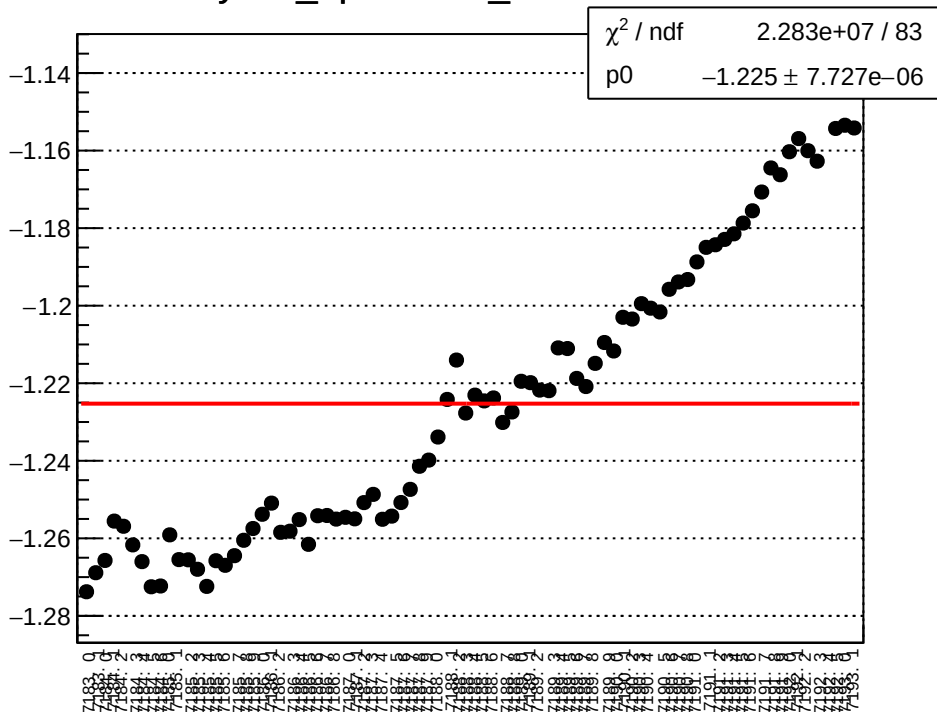
yield_bpm0i01aY_mean vs run



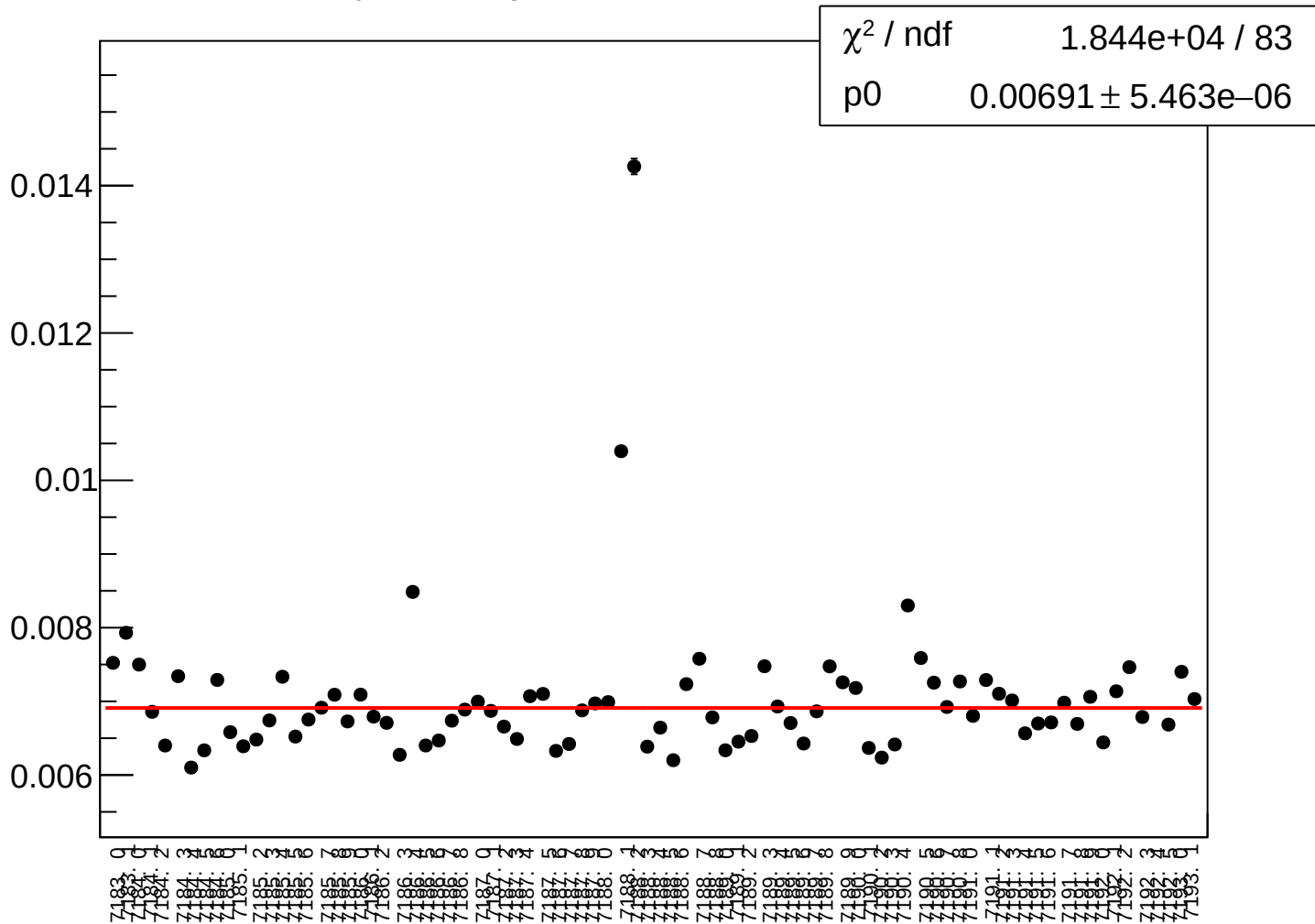
yield_bpm0i01aY_rms vs run



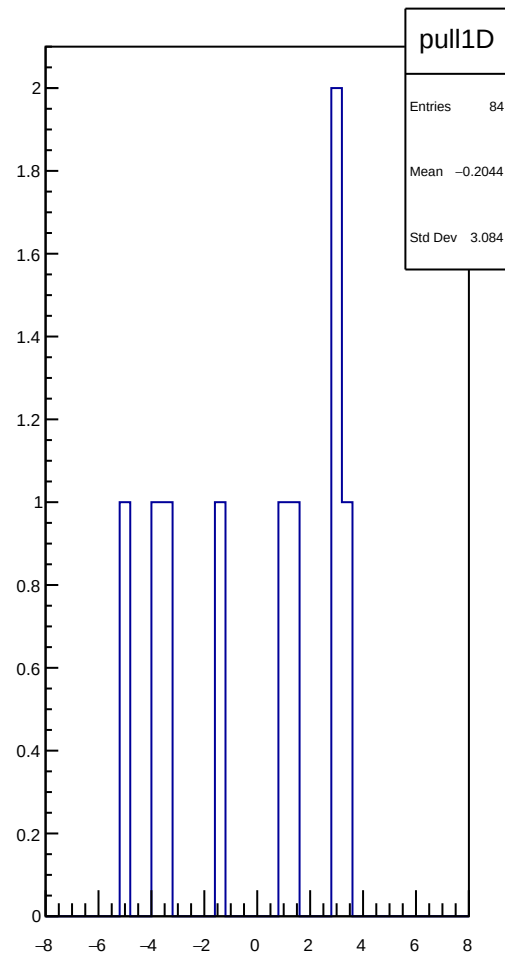
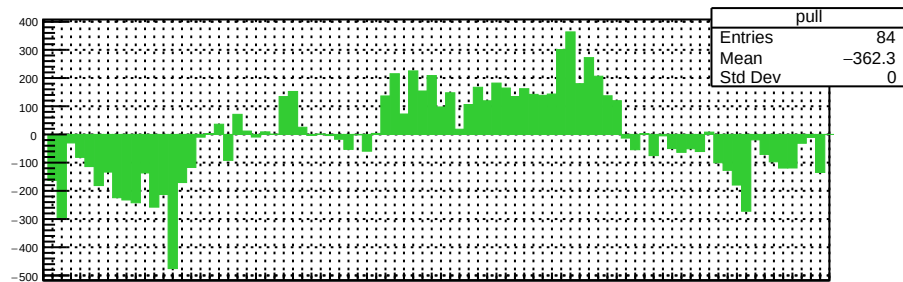
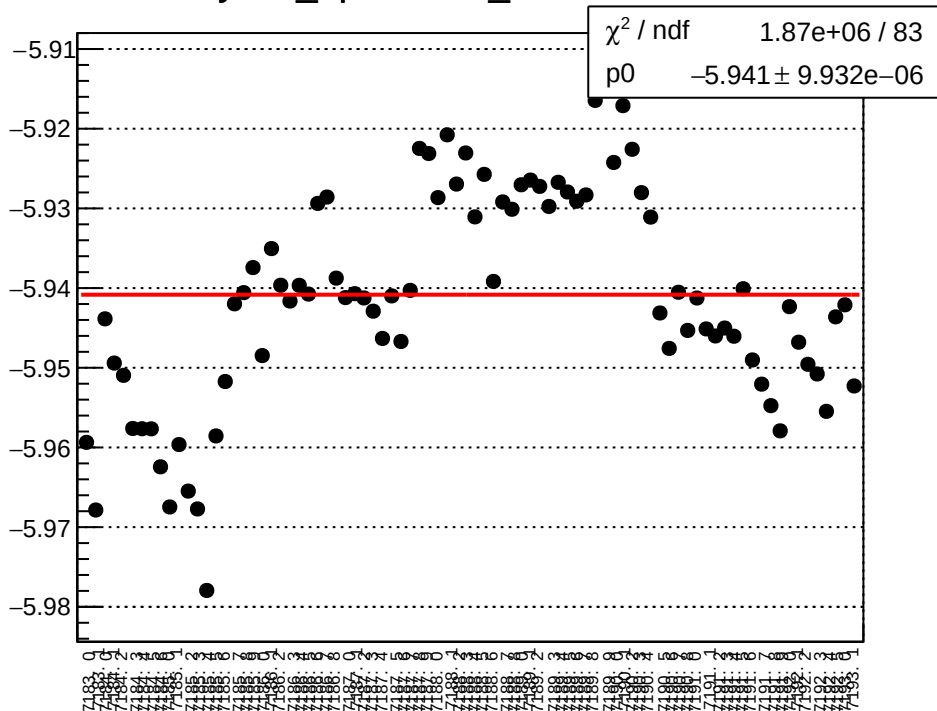
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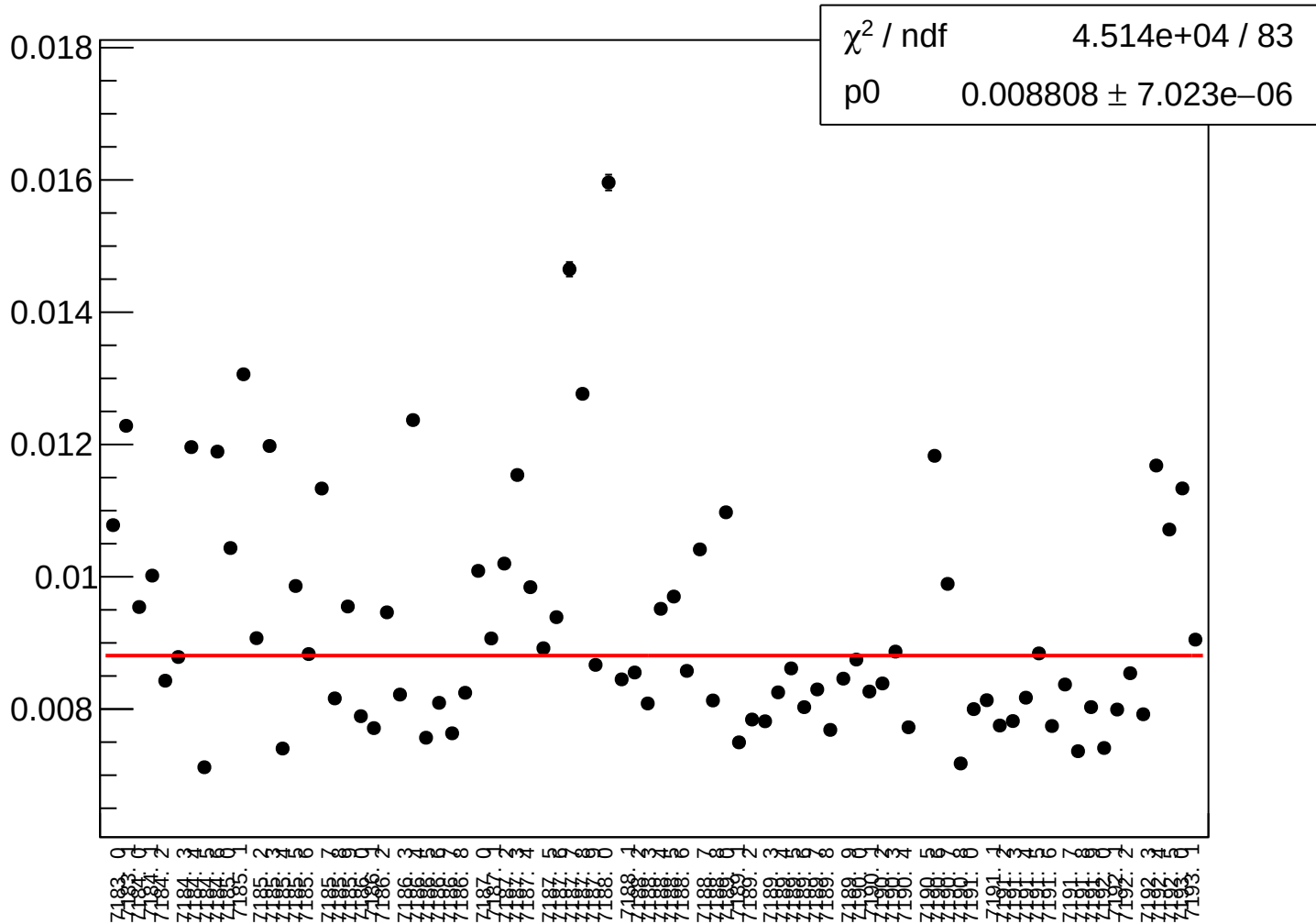
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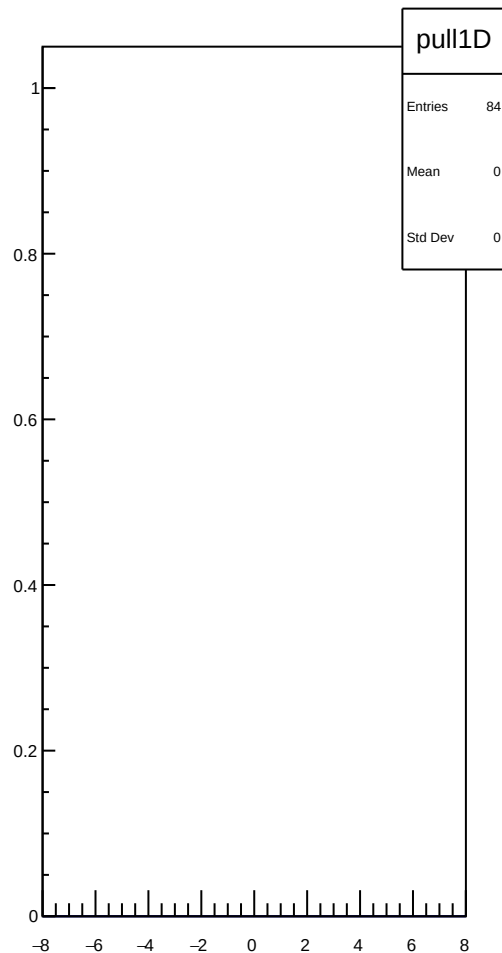
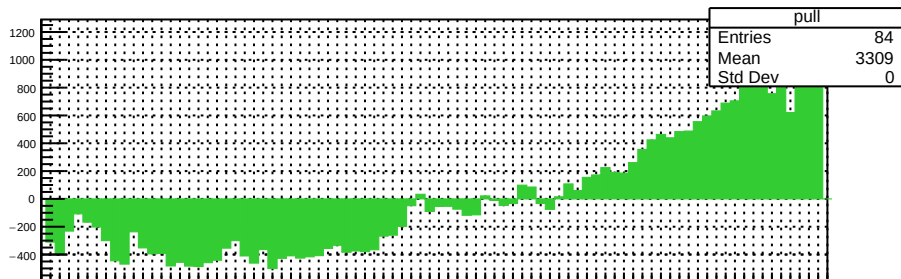
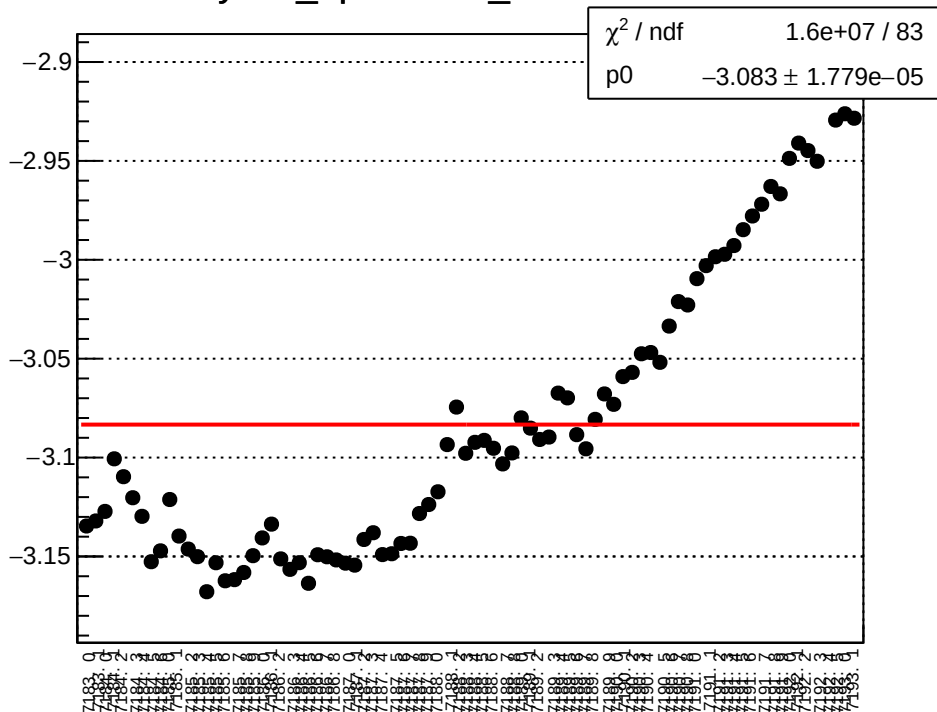
yield_bpm0l01Y_mean vs run



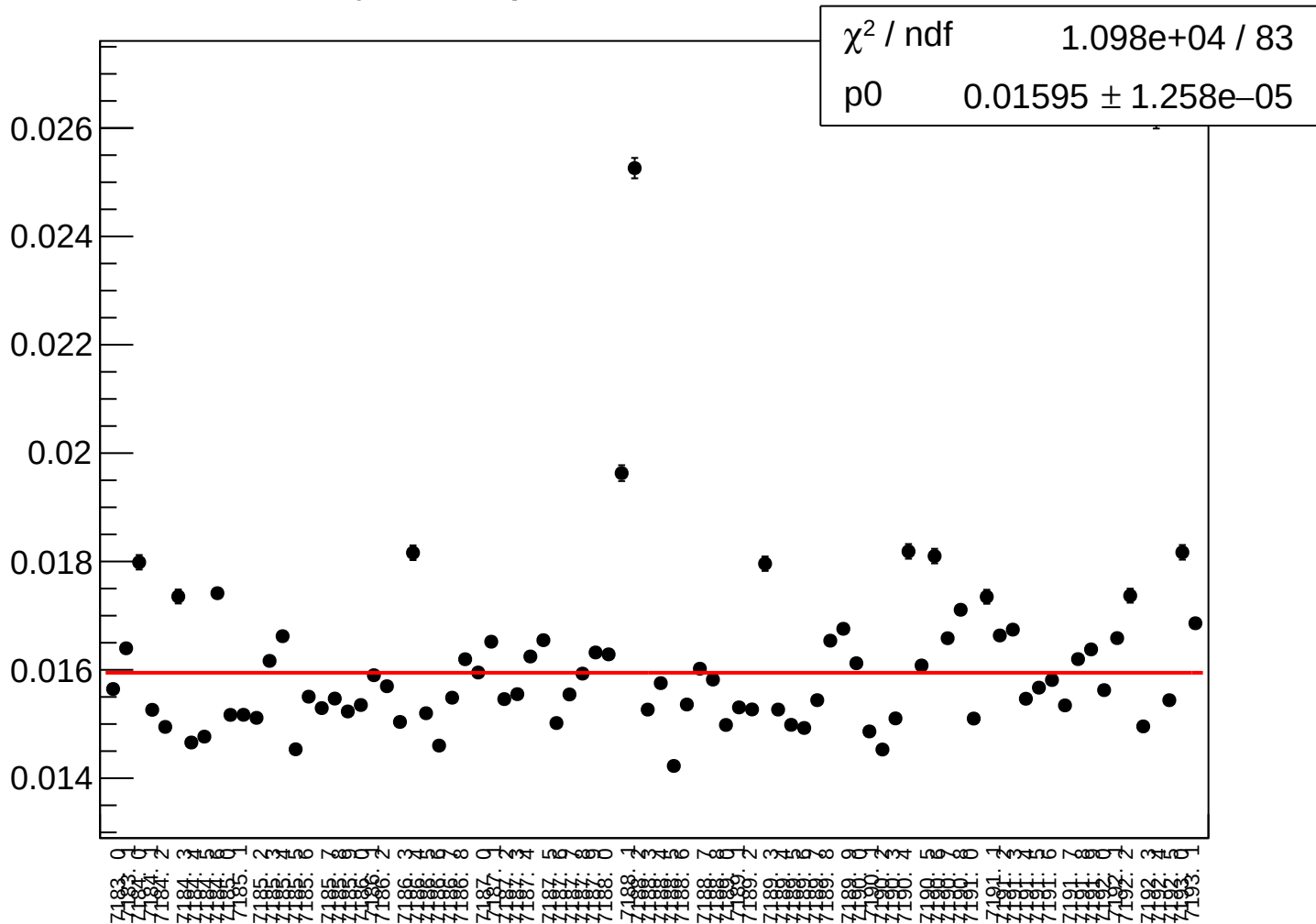
yield_bpm0l01Y_rms vs run



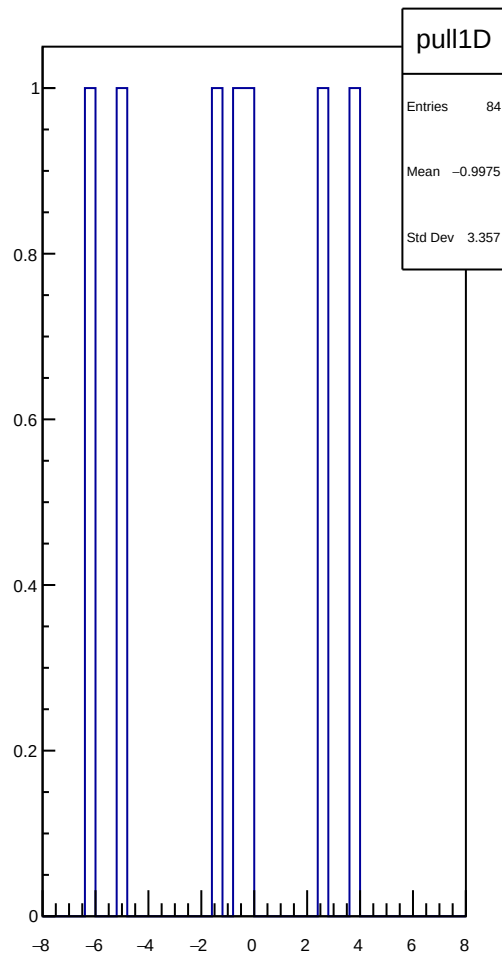
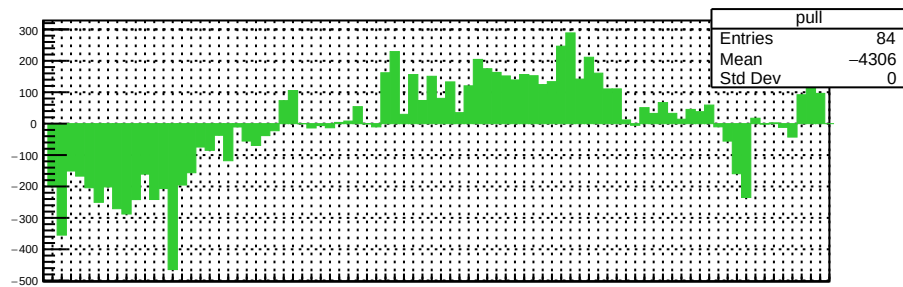
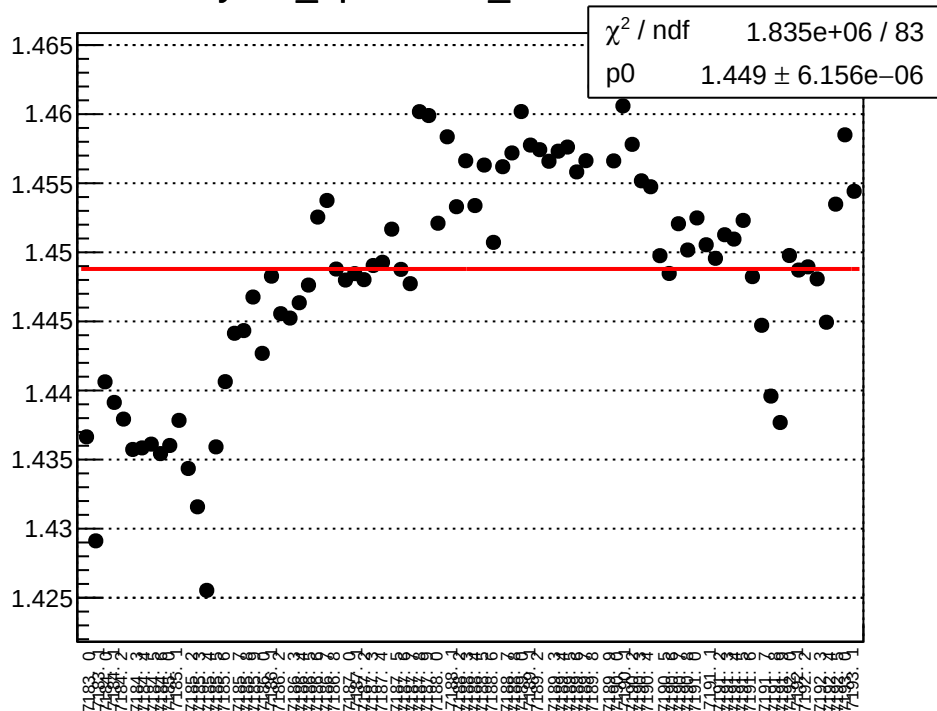
yield_bpm0l02X_mean vs run



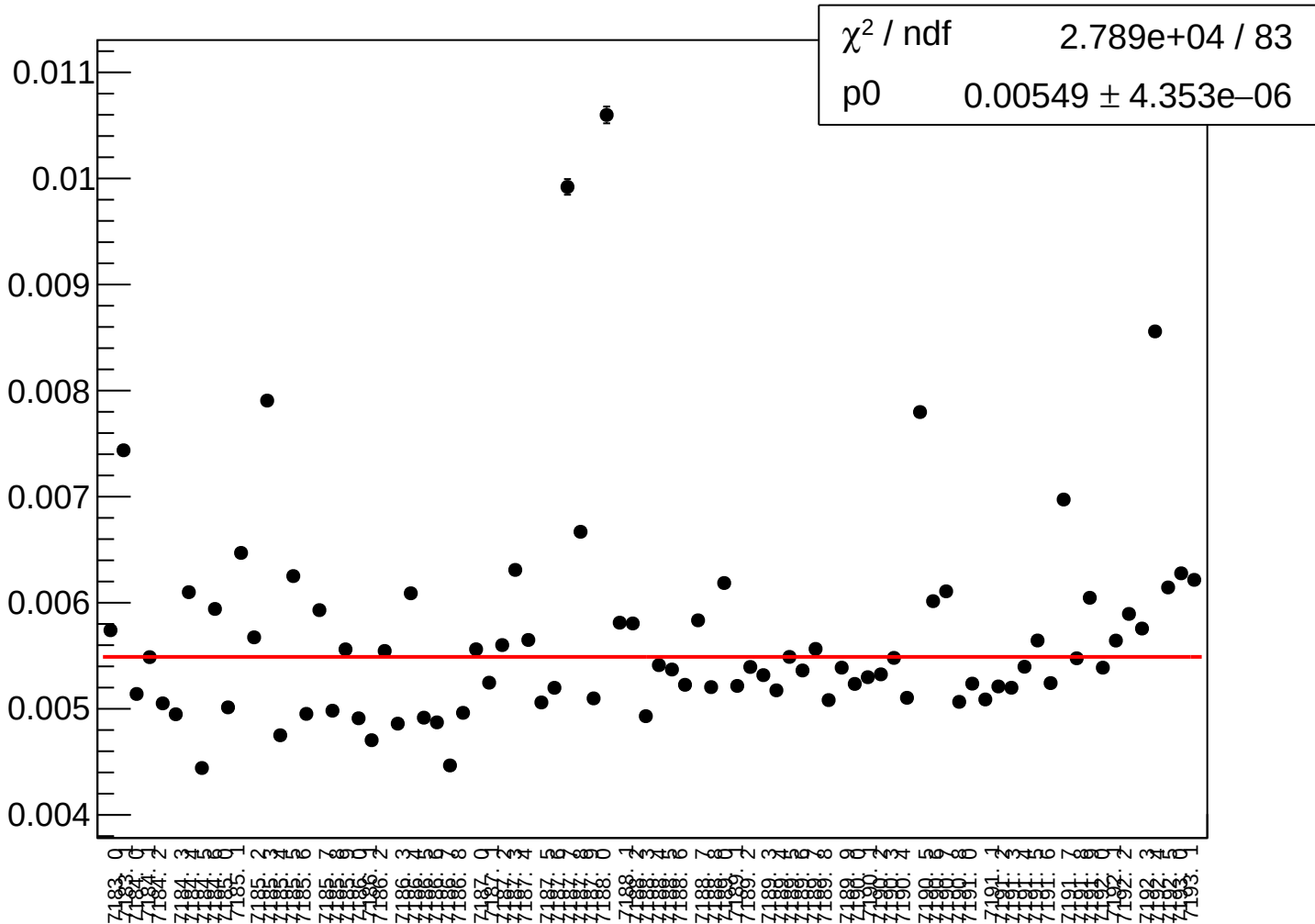
yield_bpm0l02X_rms vs run



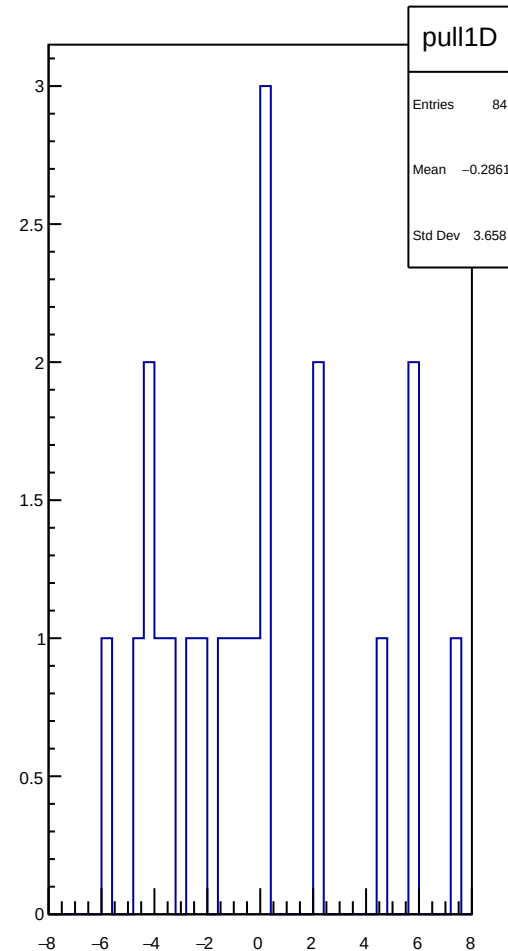
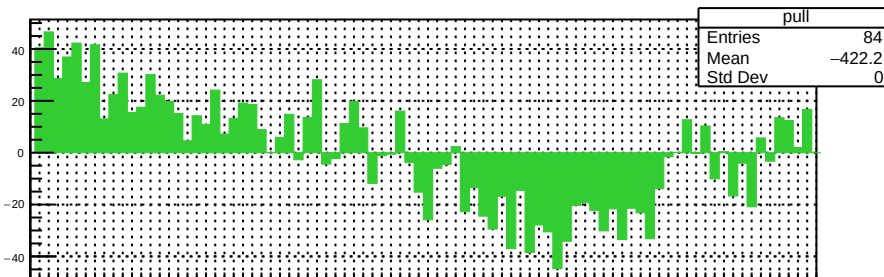
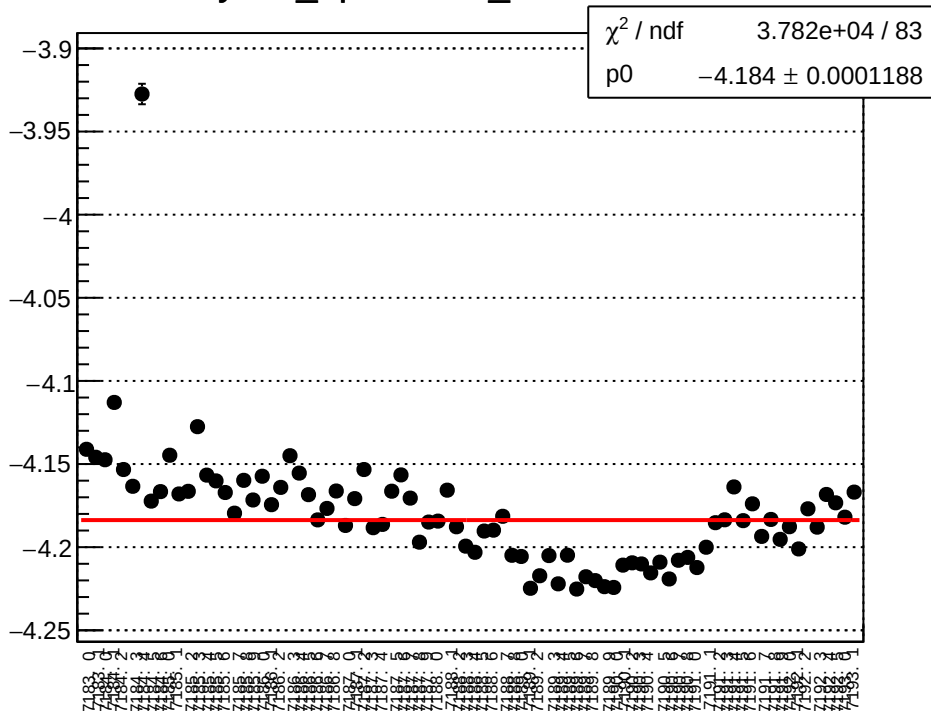
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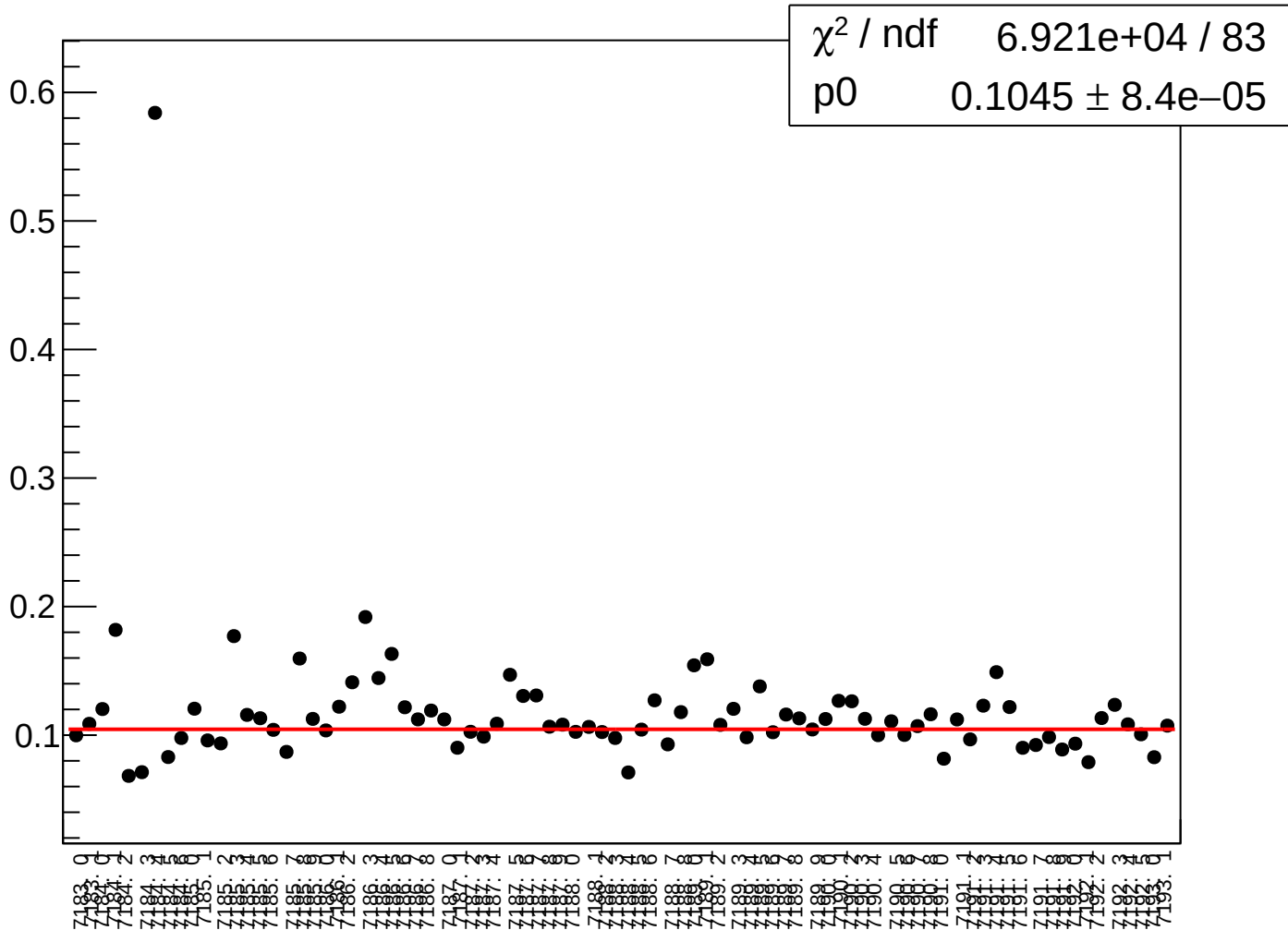
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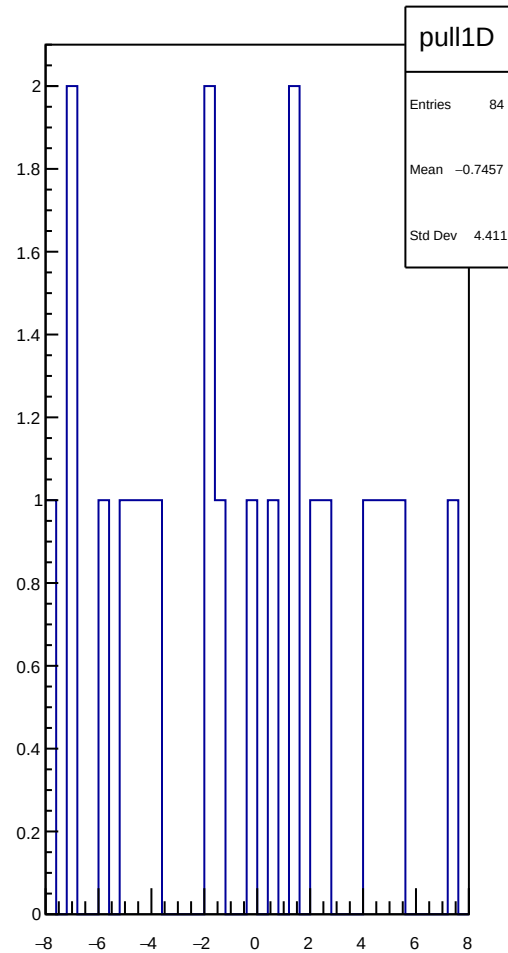
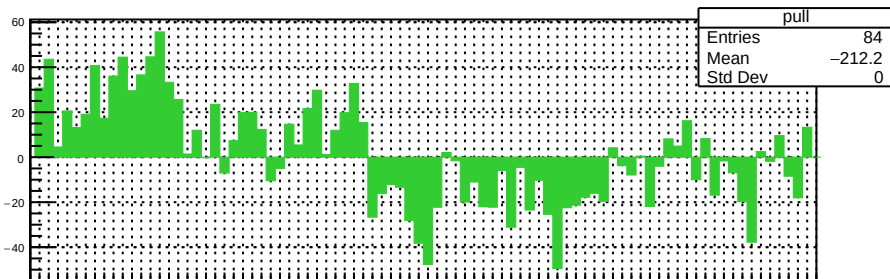
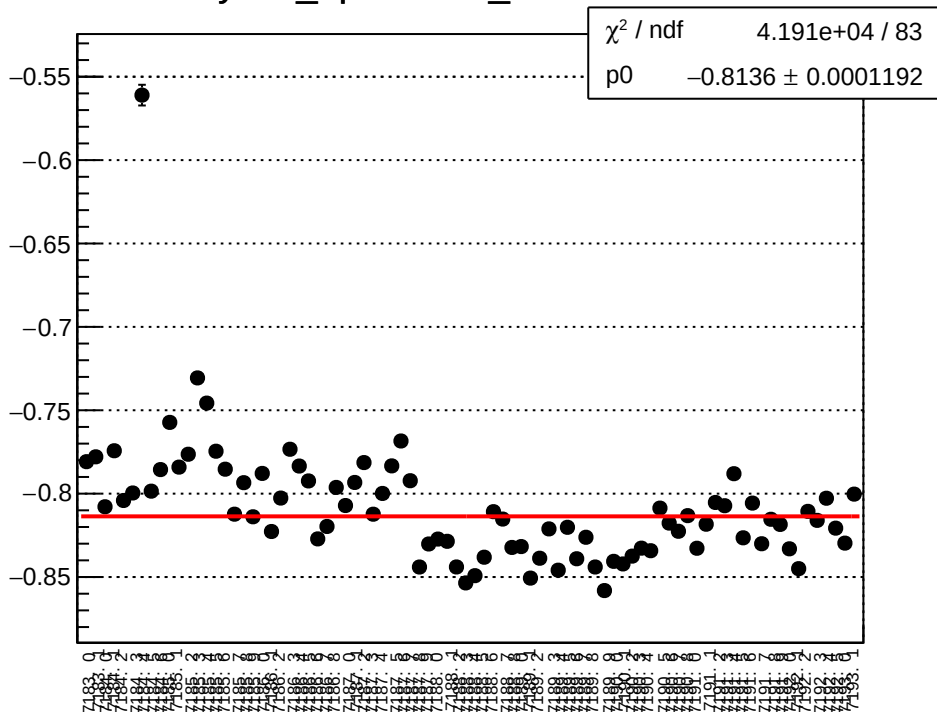
yield_bpm0l03X_mean vs run



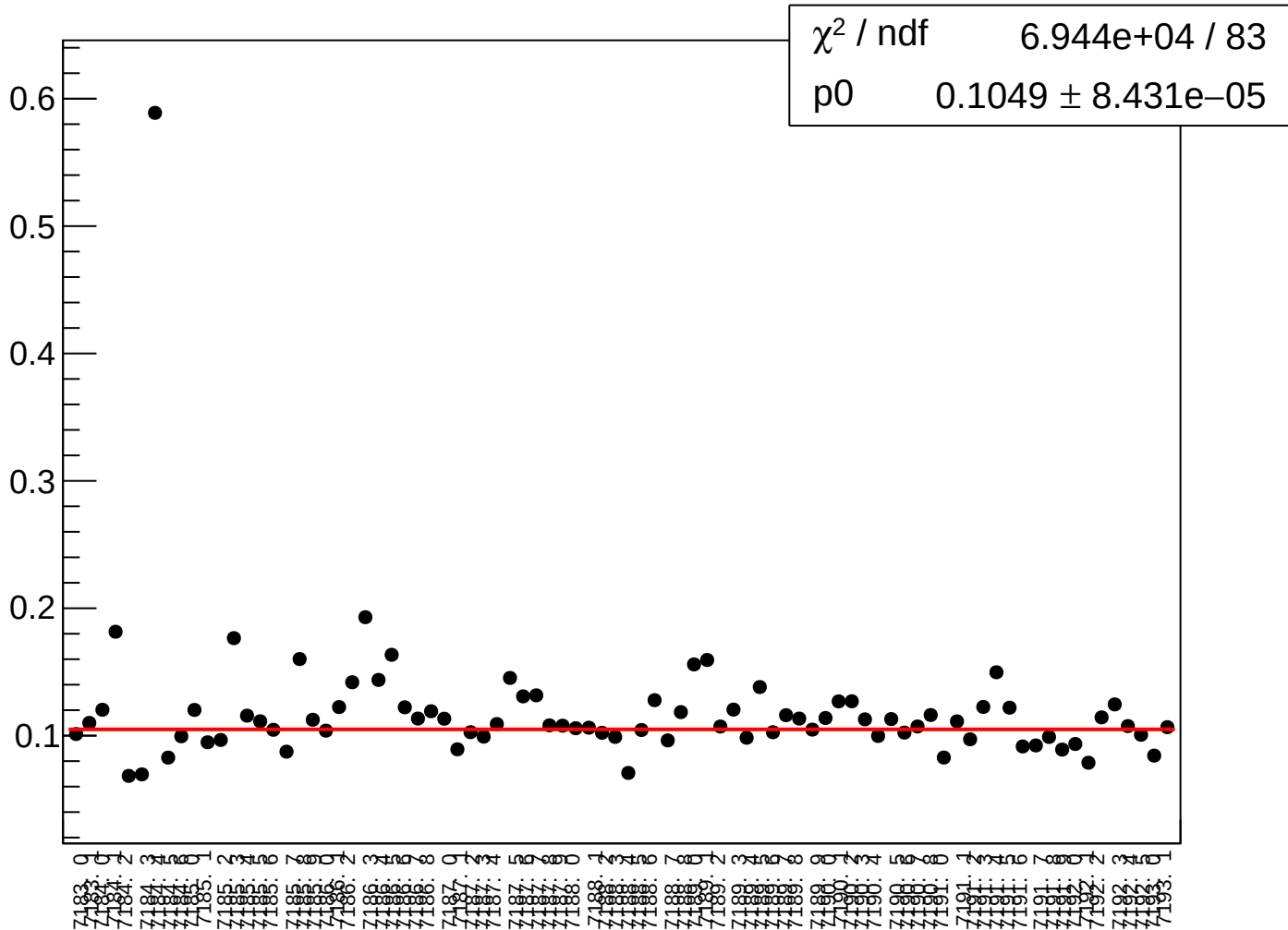
yield_bpm0l03X_rms vs run



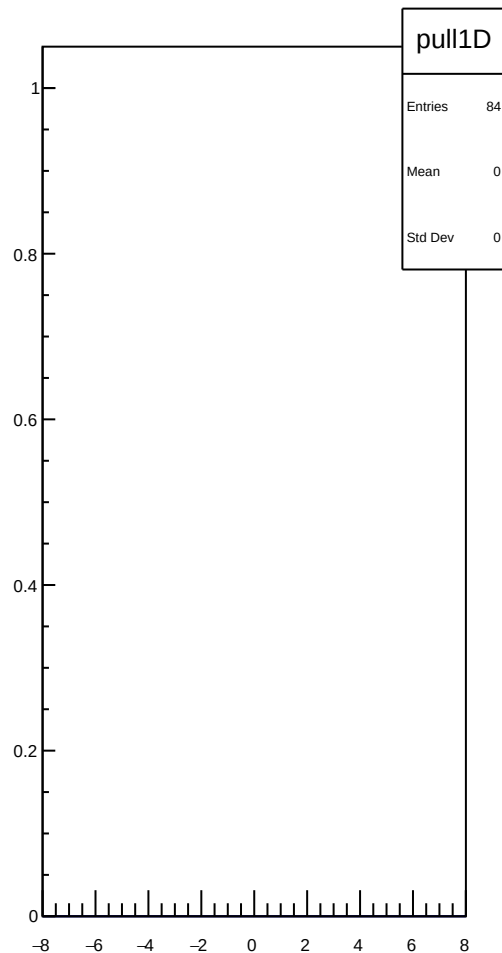
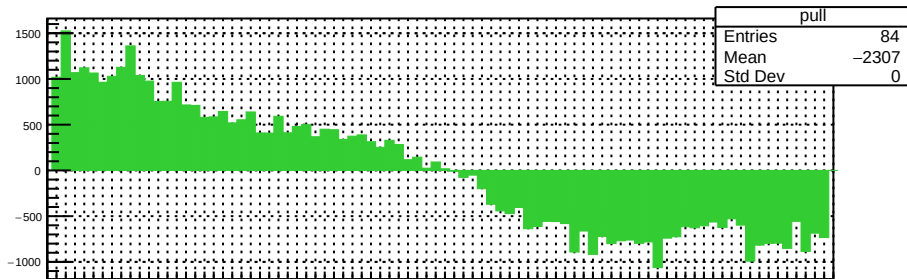
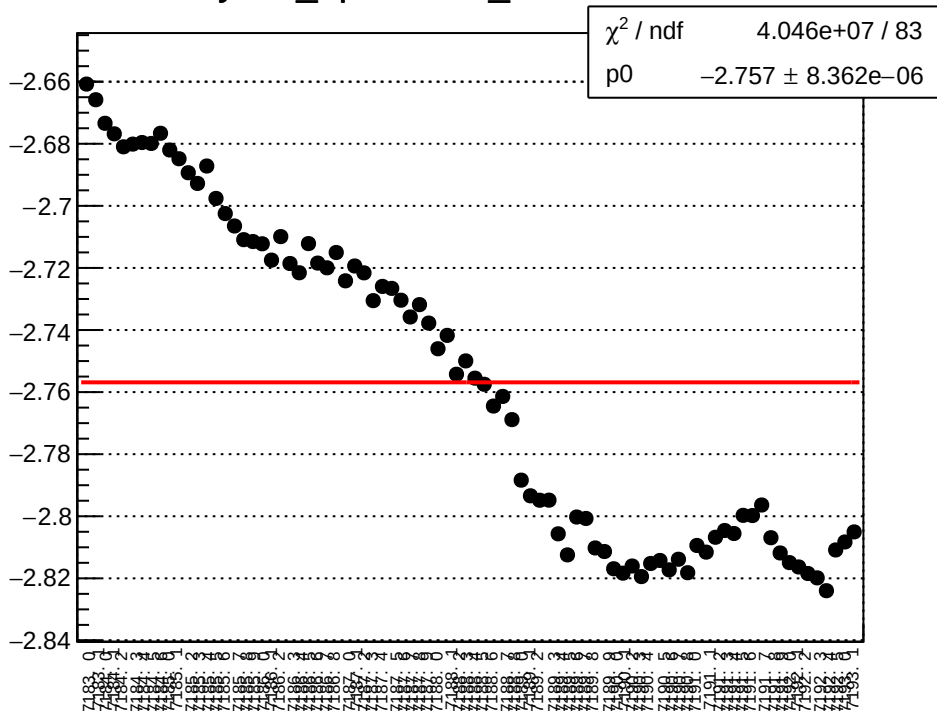
yield_bpm0l03Y_mean vs run



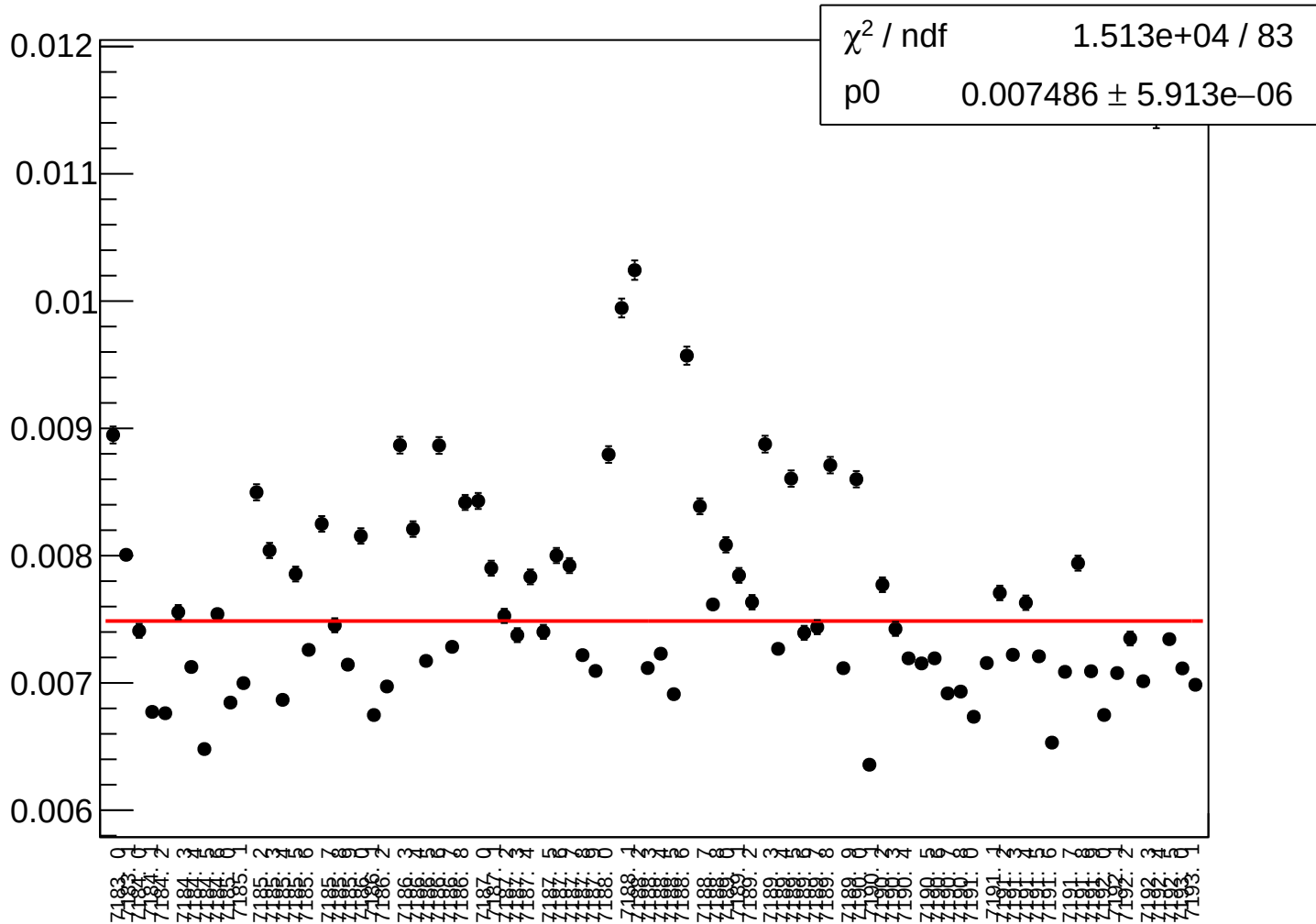
yield_bpm0l03Y_rms vs run



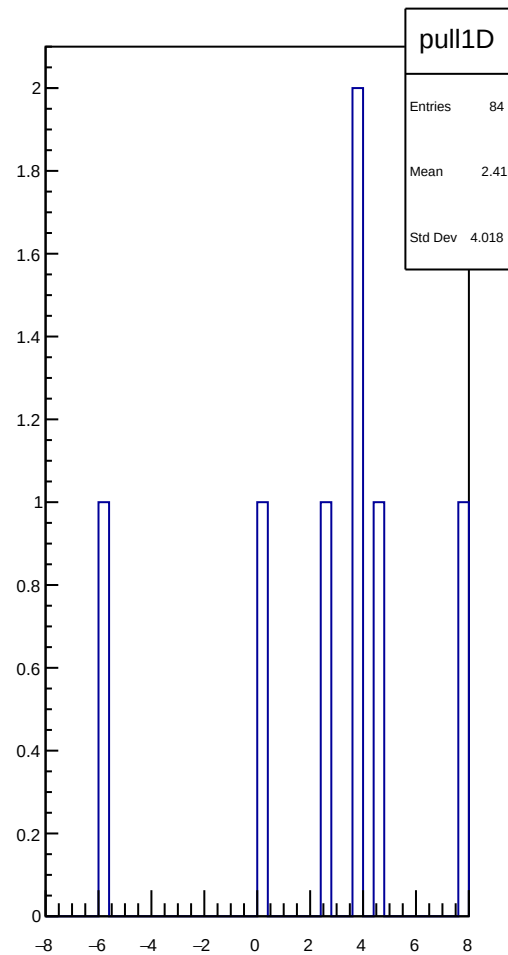
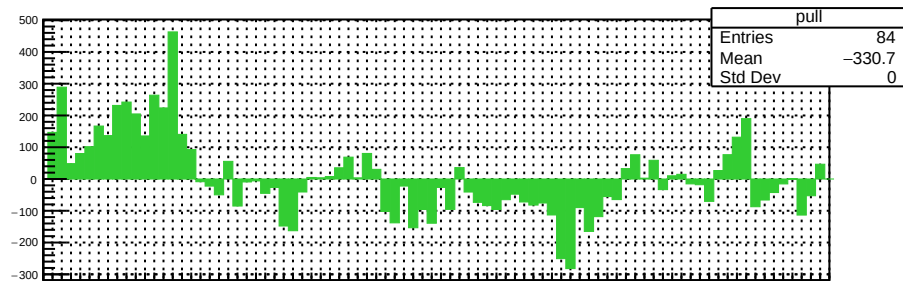
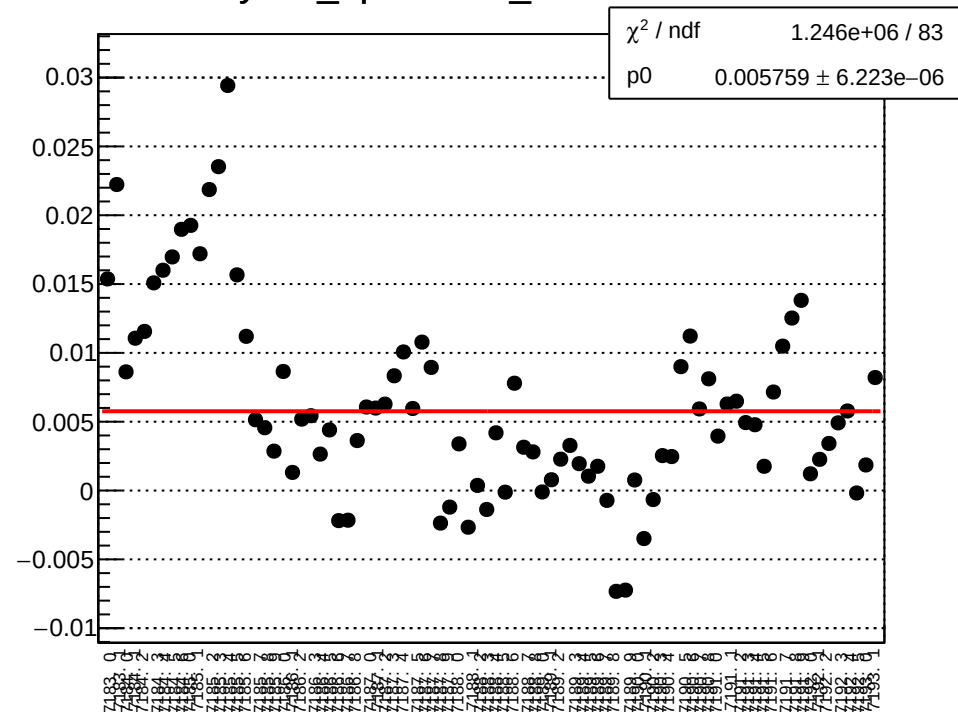
yield_bpm0l04X_mean vs run



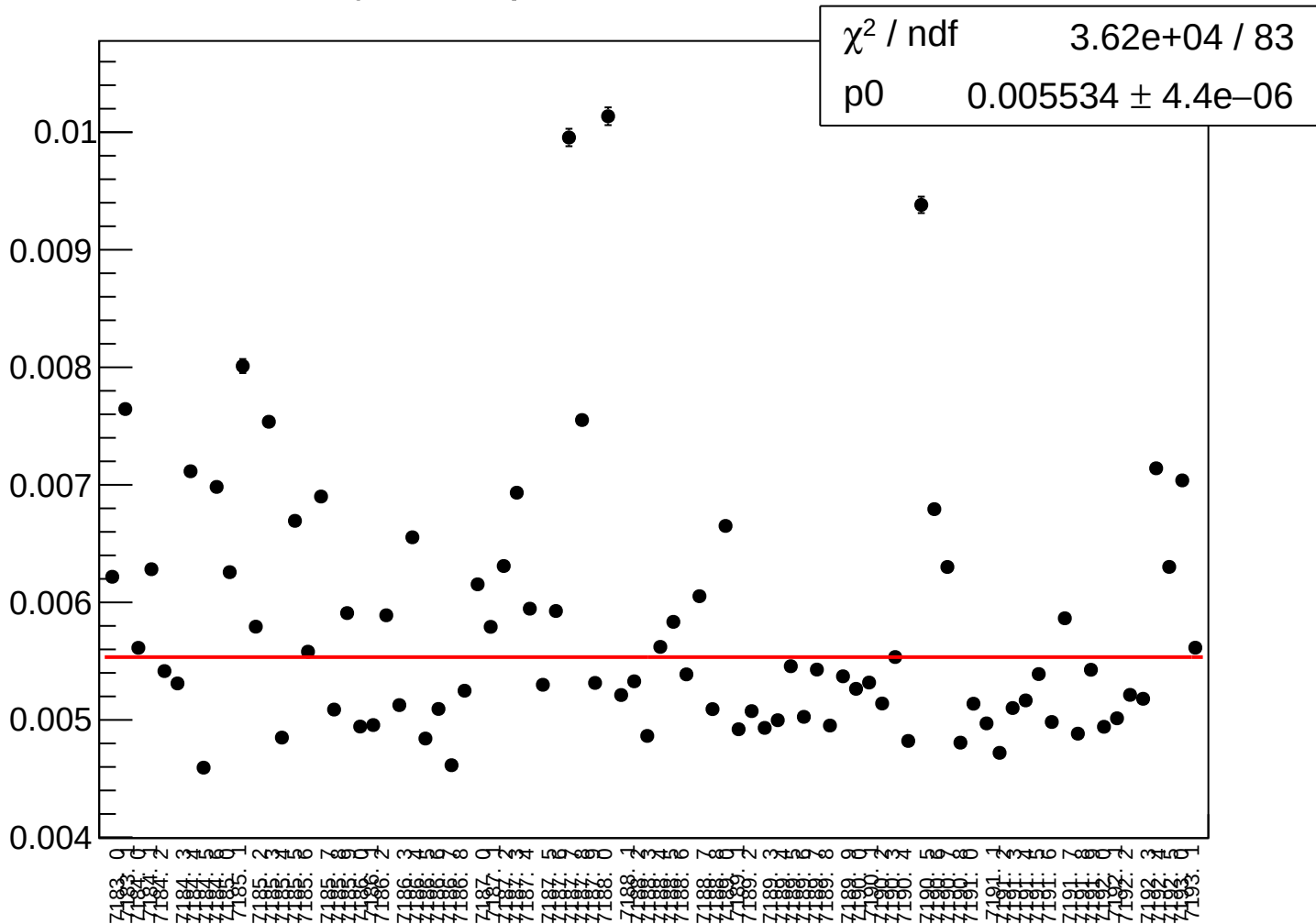
yield_bpm0l04X_rms vs run



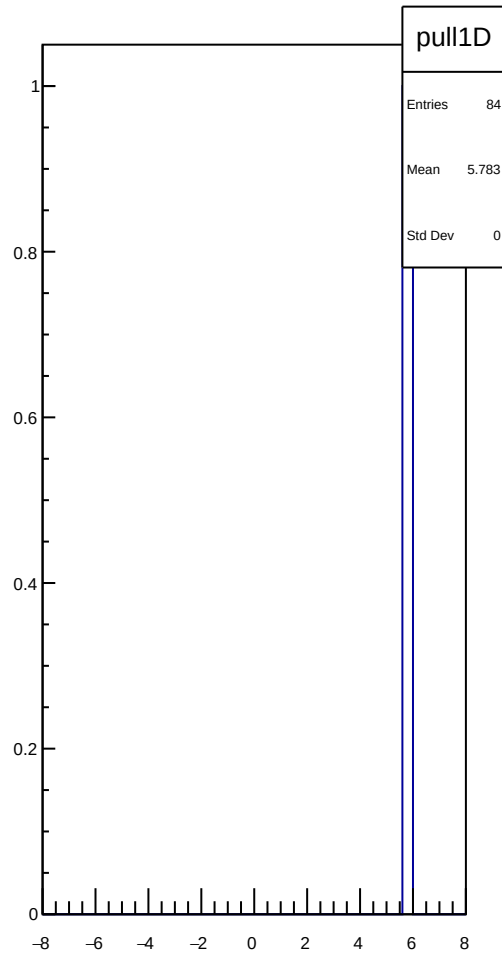
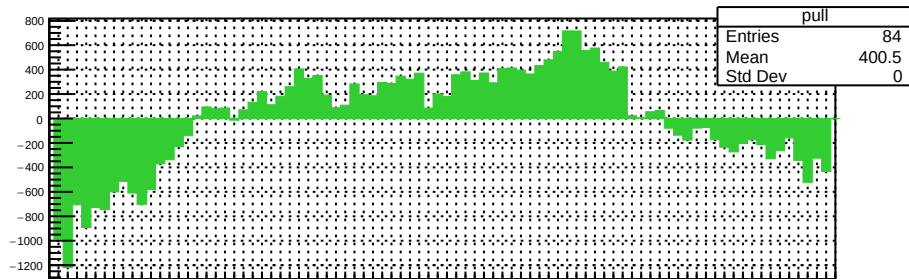
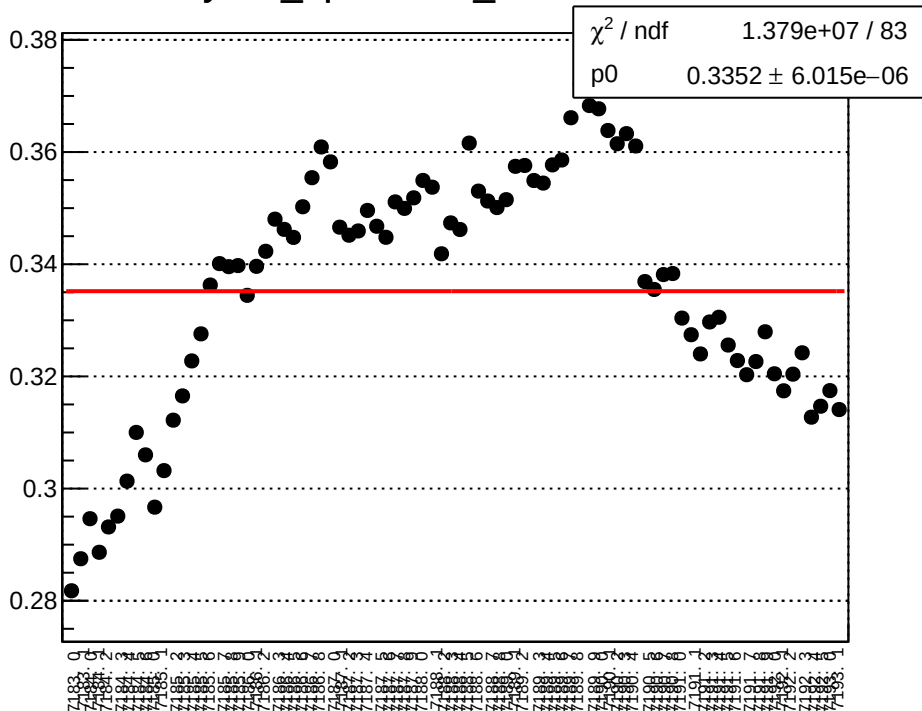
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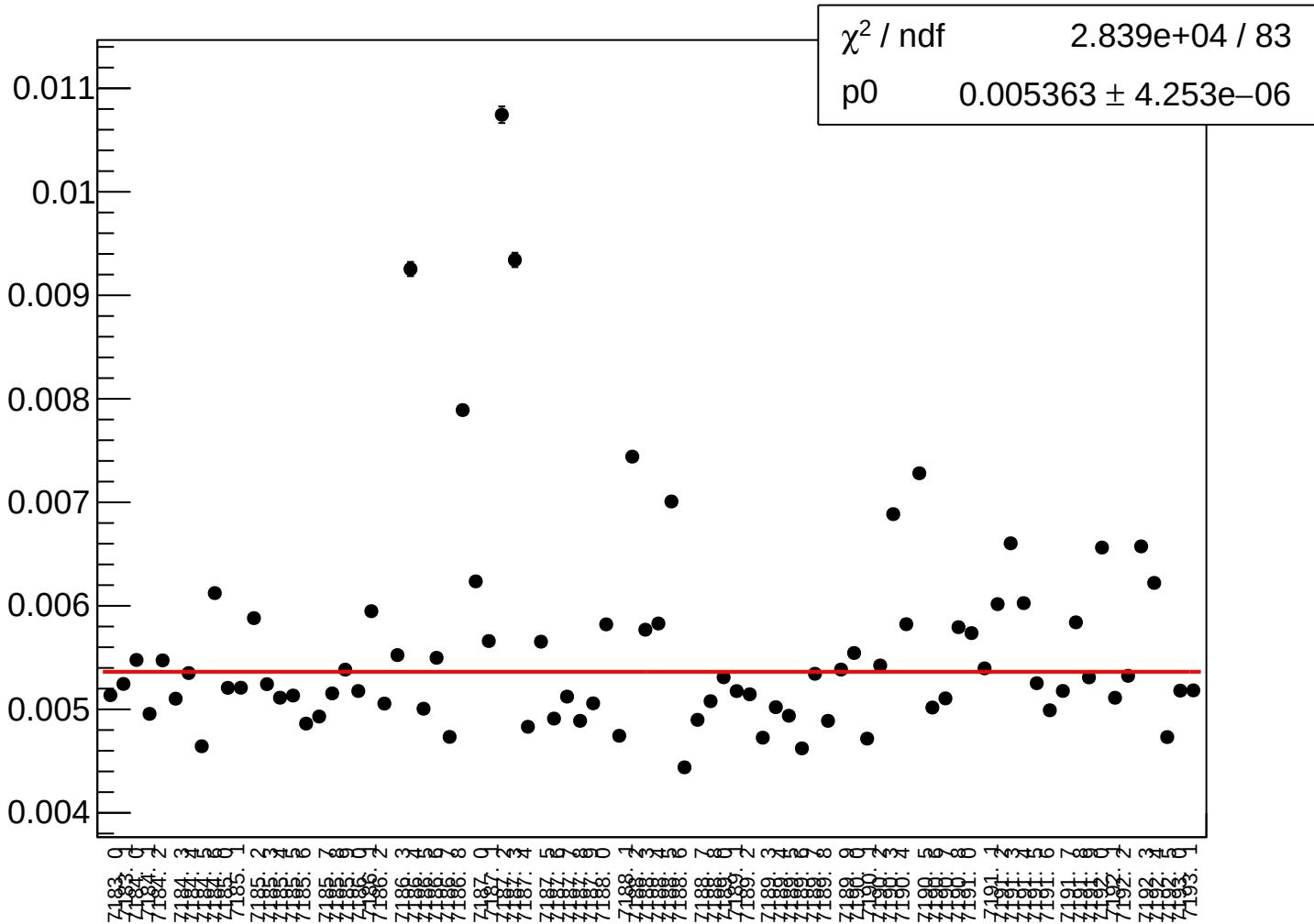
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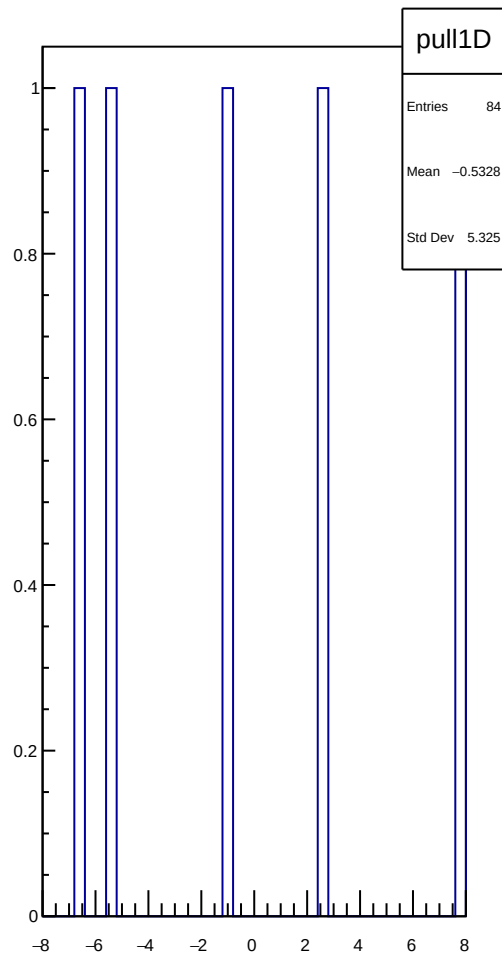
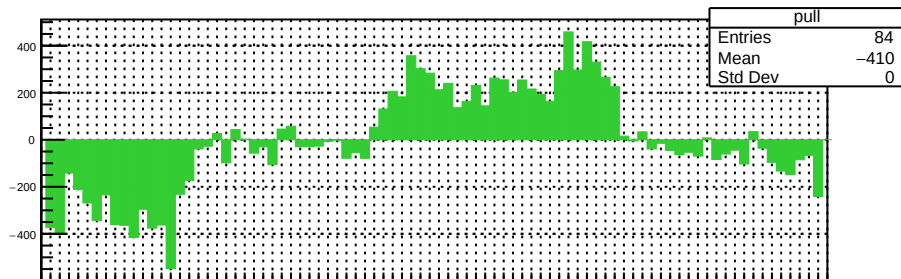
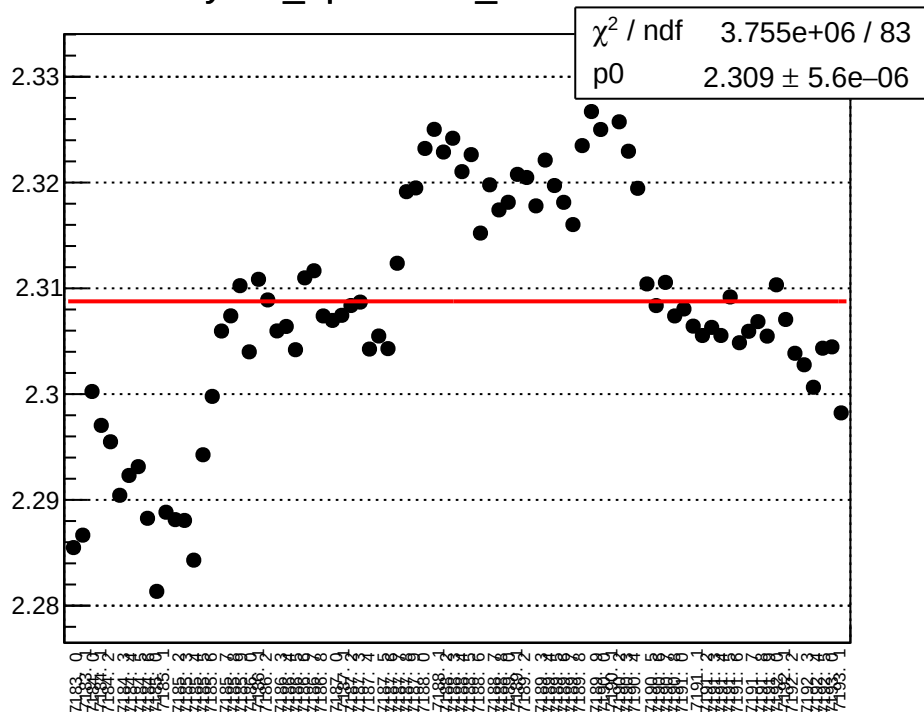
yield_bpm0l05X_mean vs run



yield_bpm0l05X_rms vs run



yield_bpm0l05Y_mean vs run



yield_bpm0l05Y_rms vs run

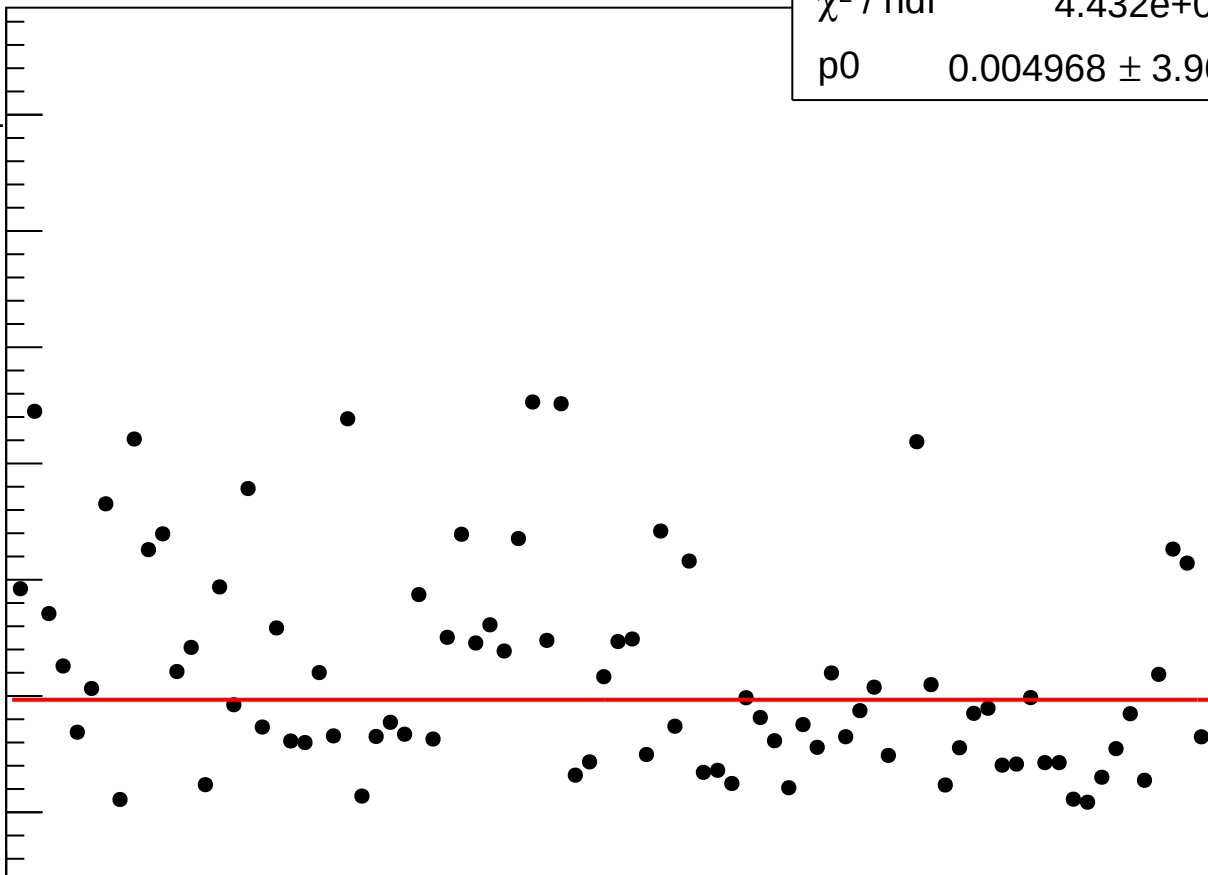
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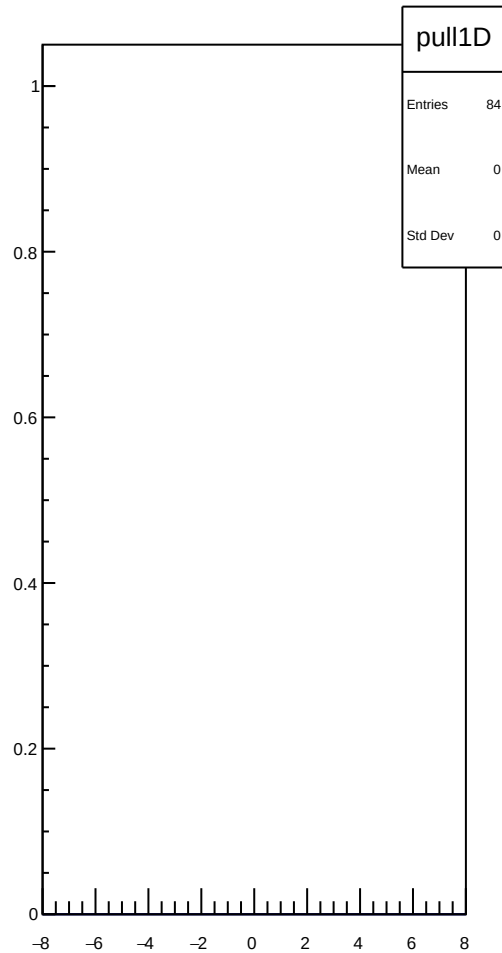
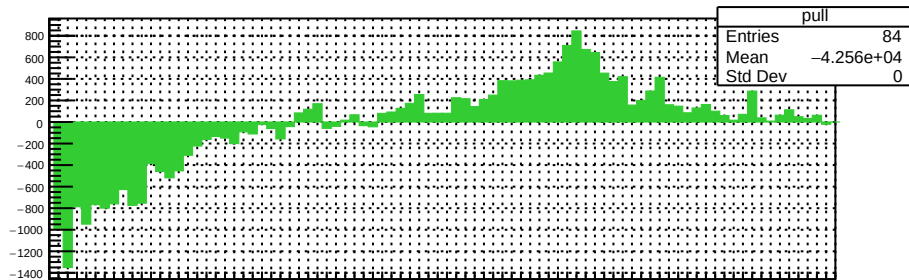
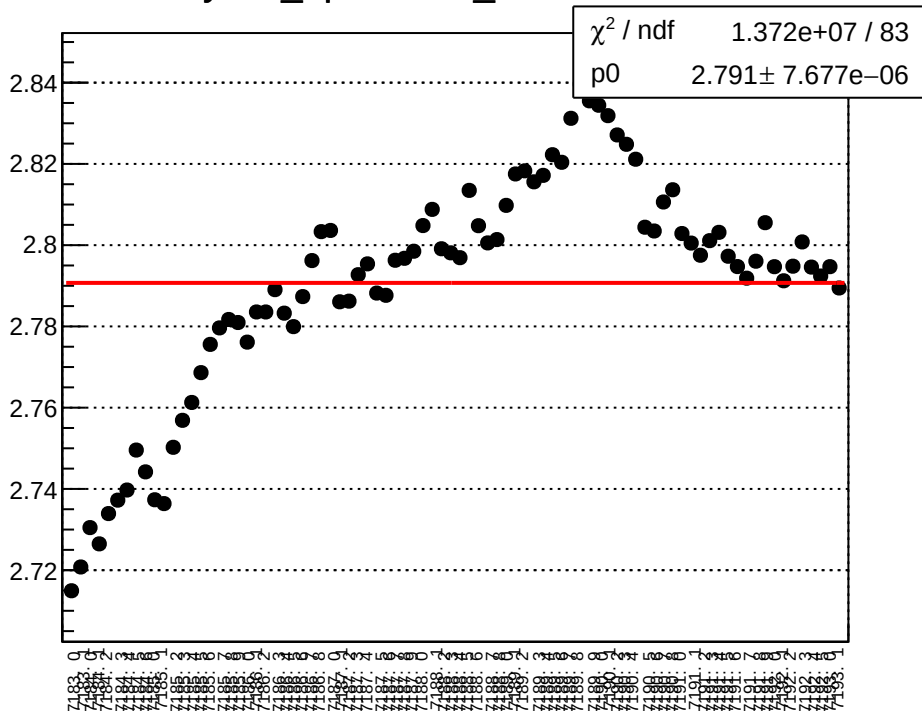
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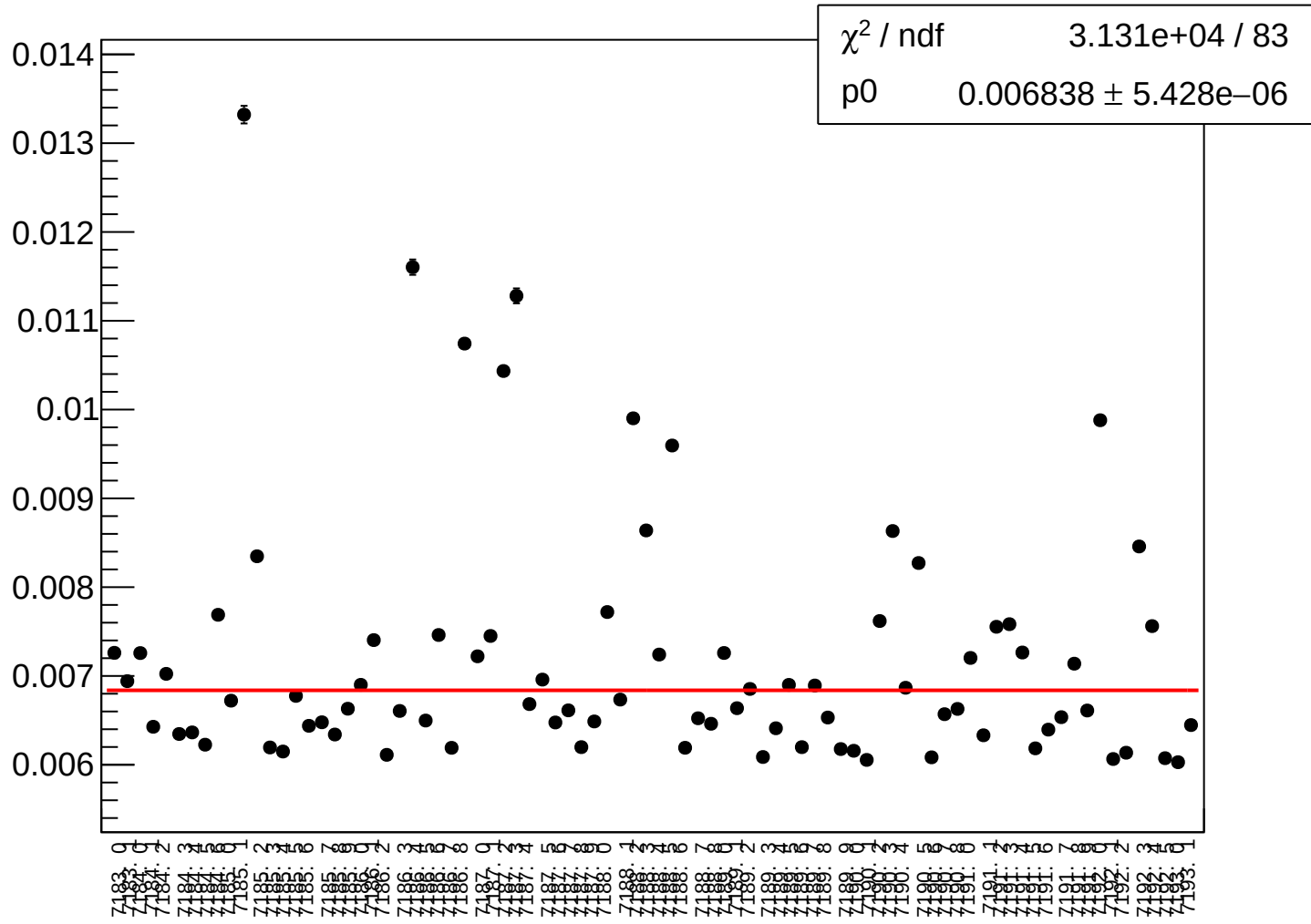


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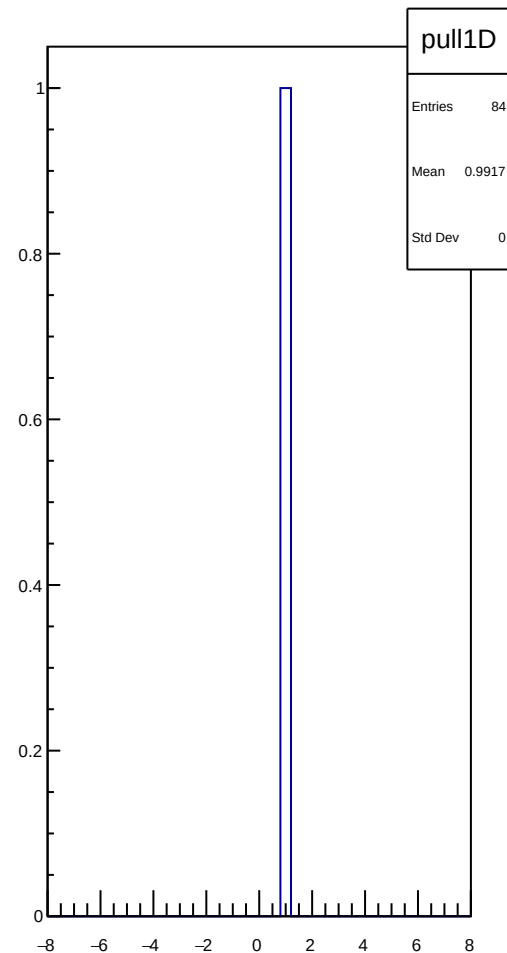
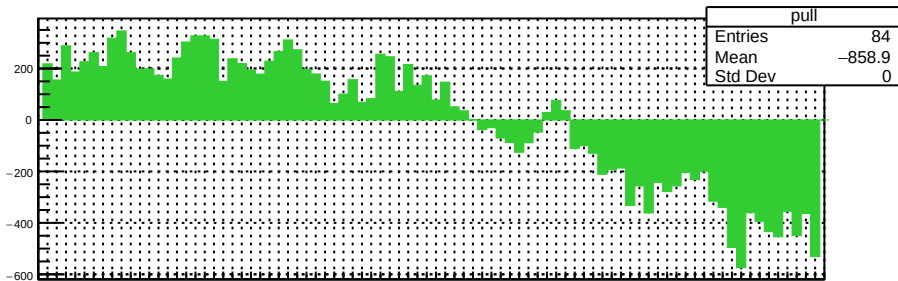
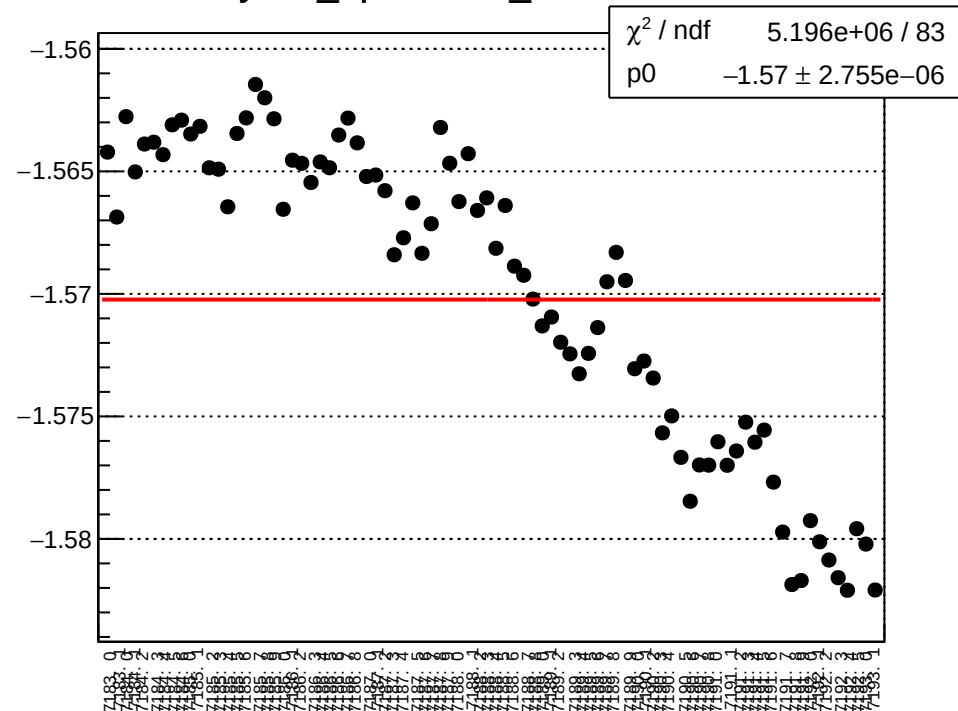
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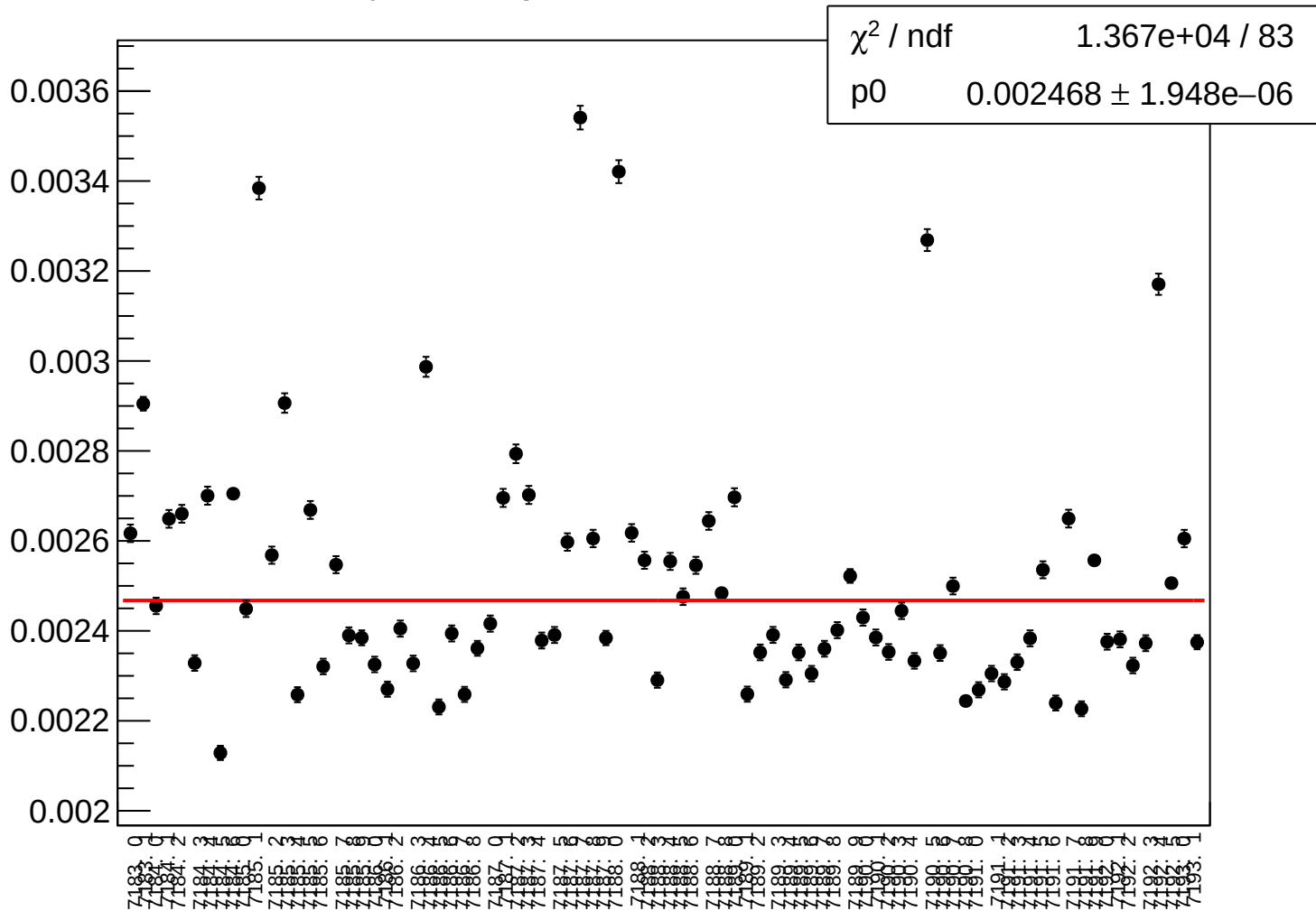
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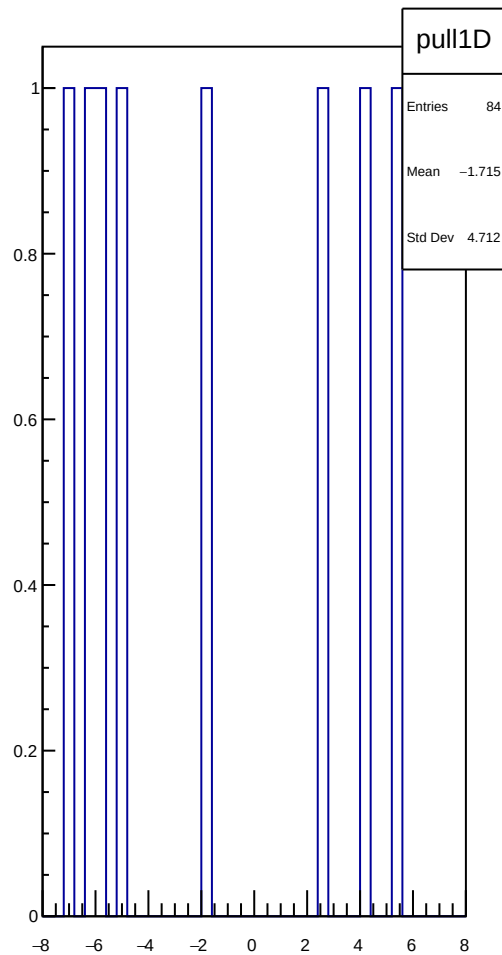
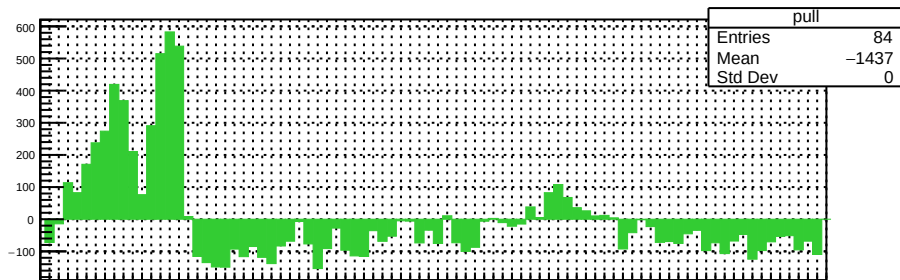
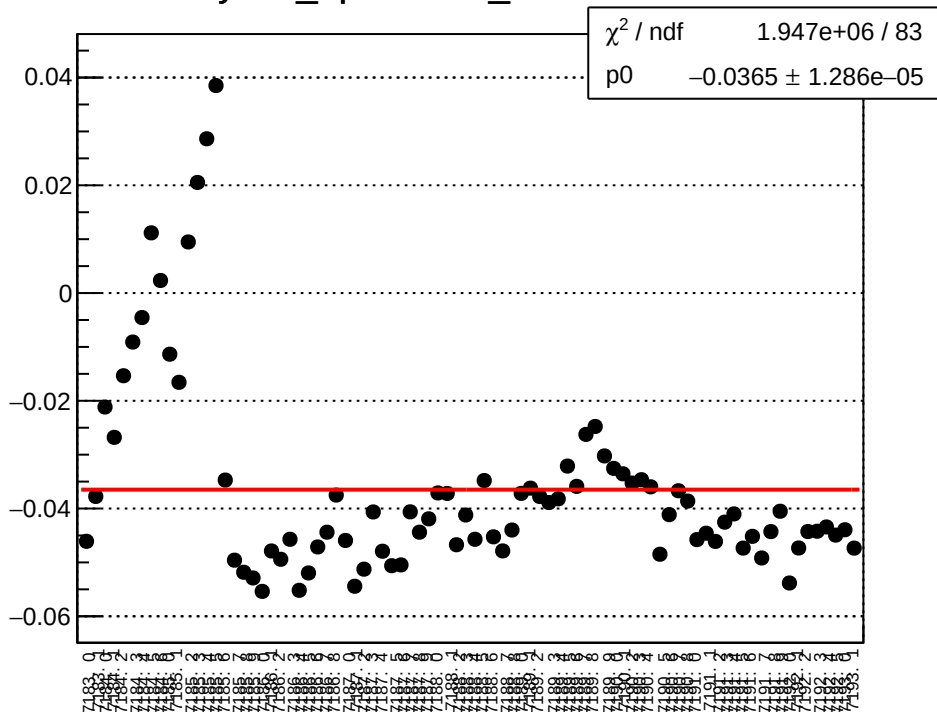
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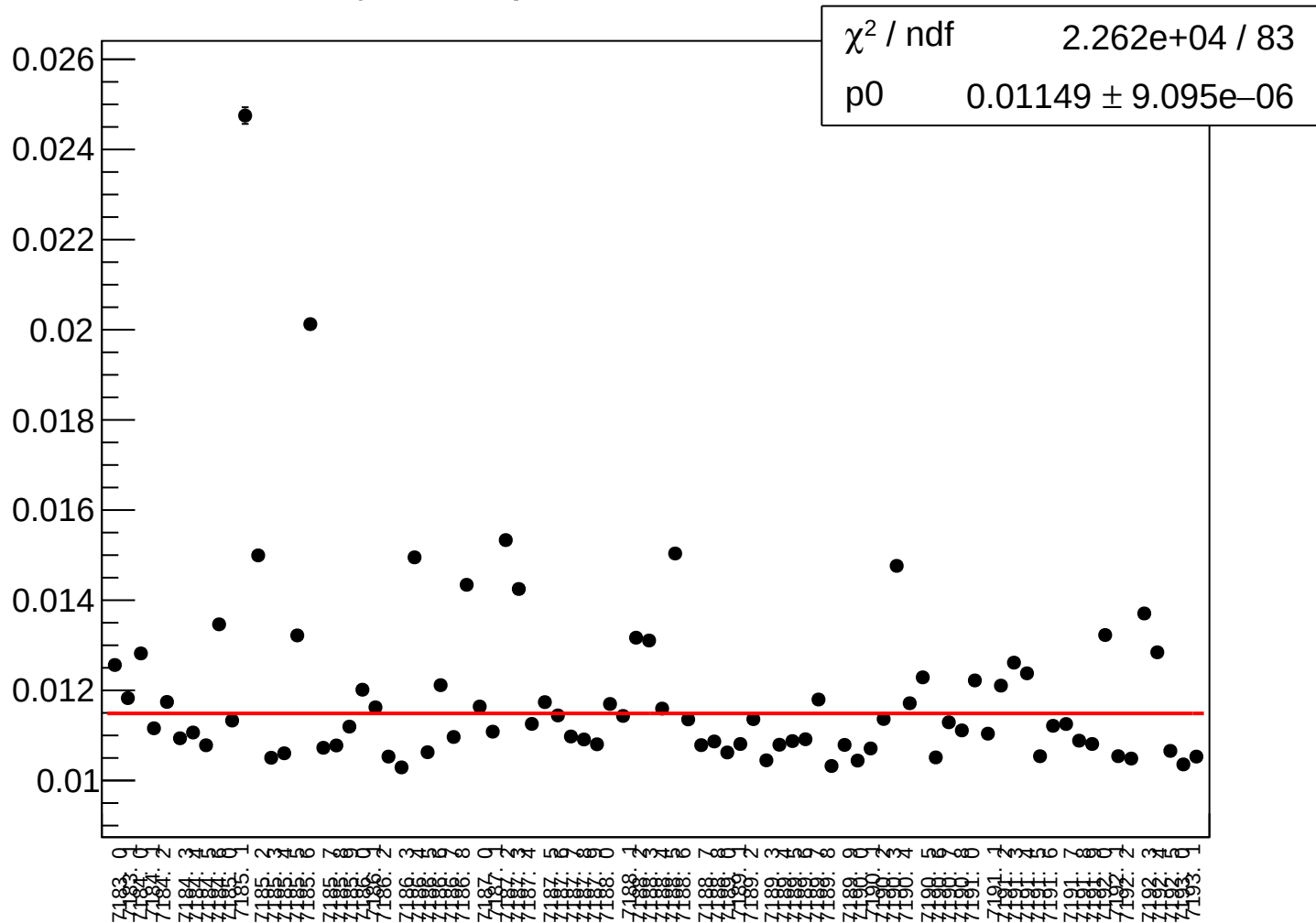
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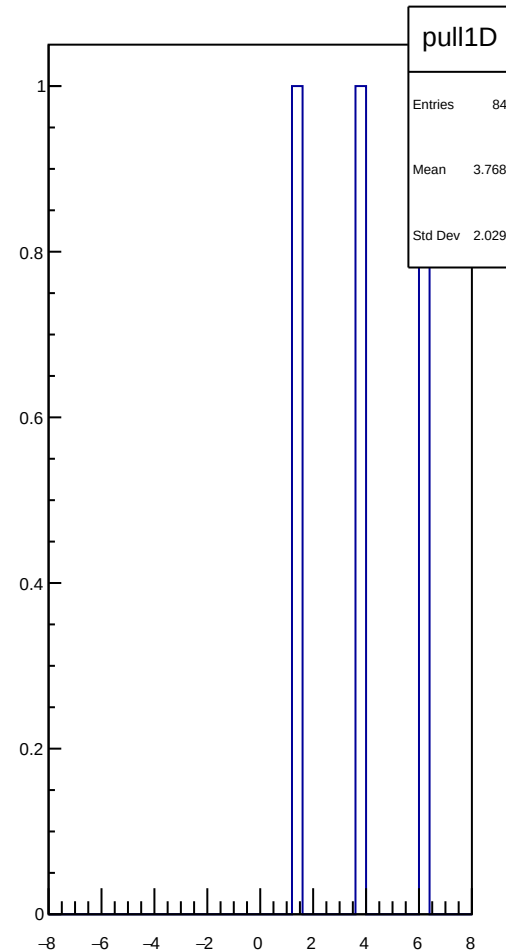
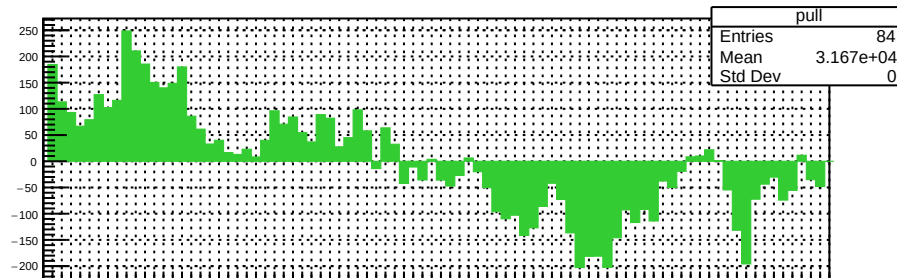
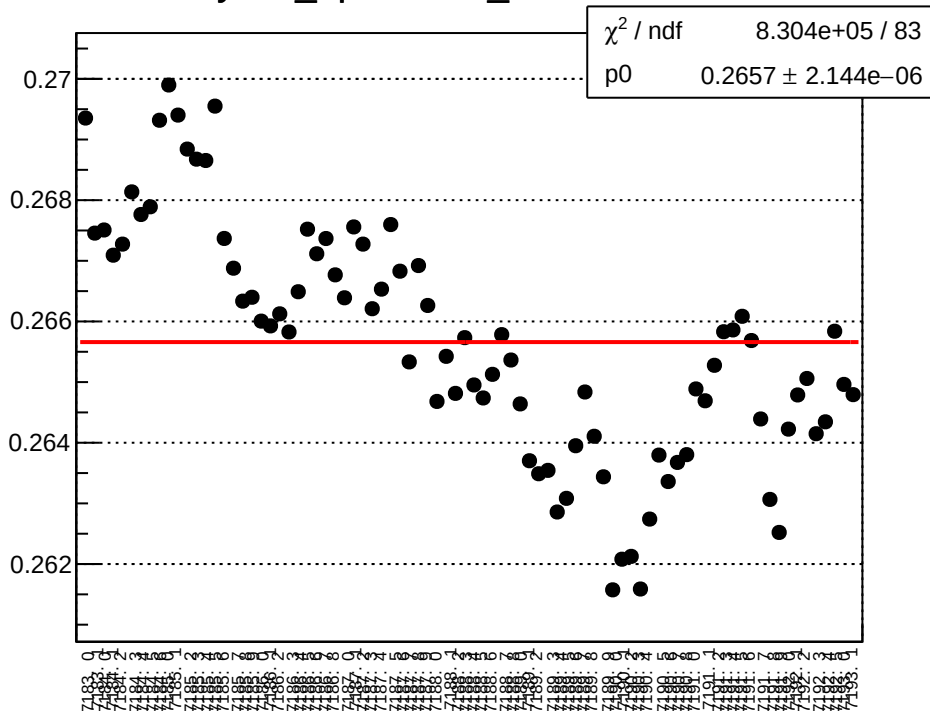
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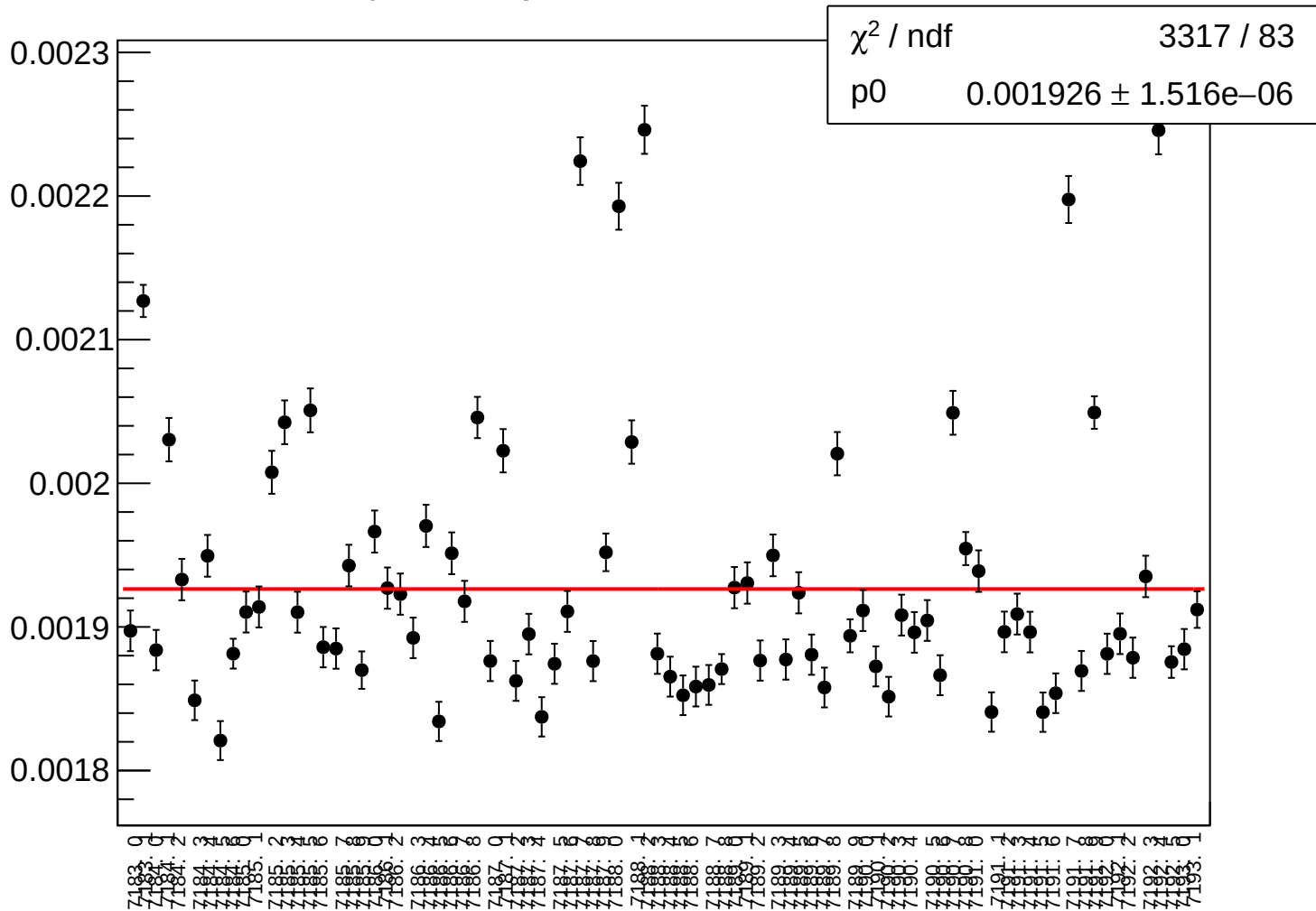
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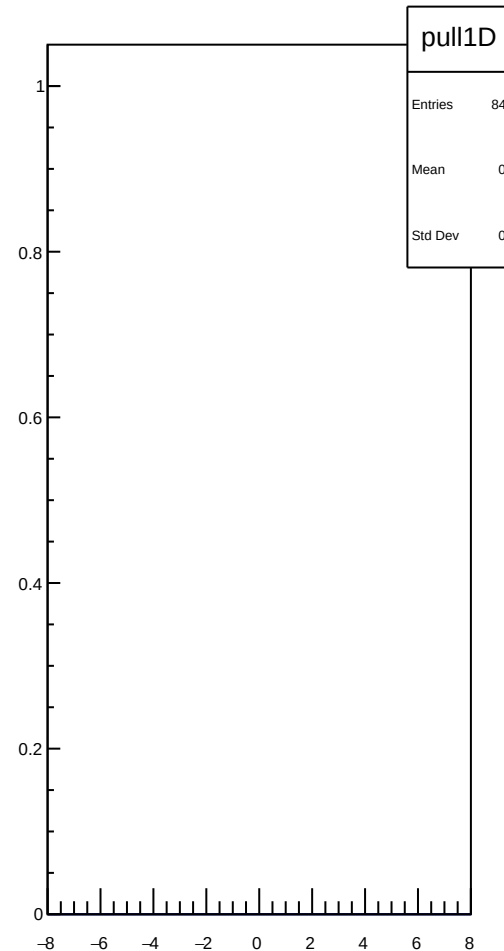
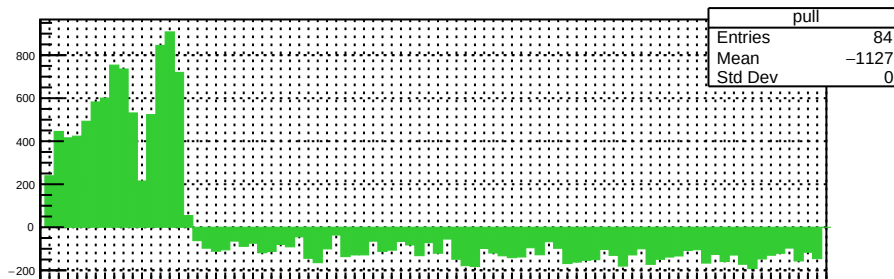
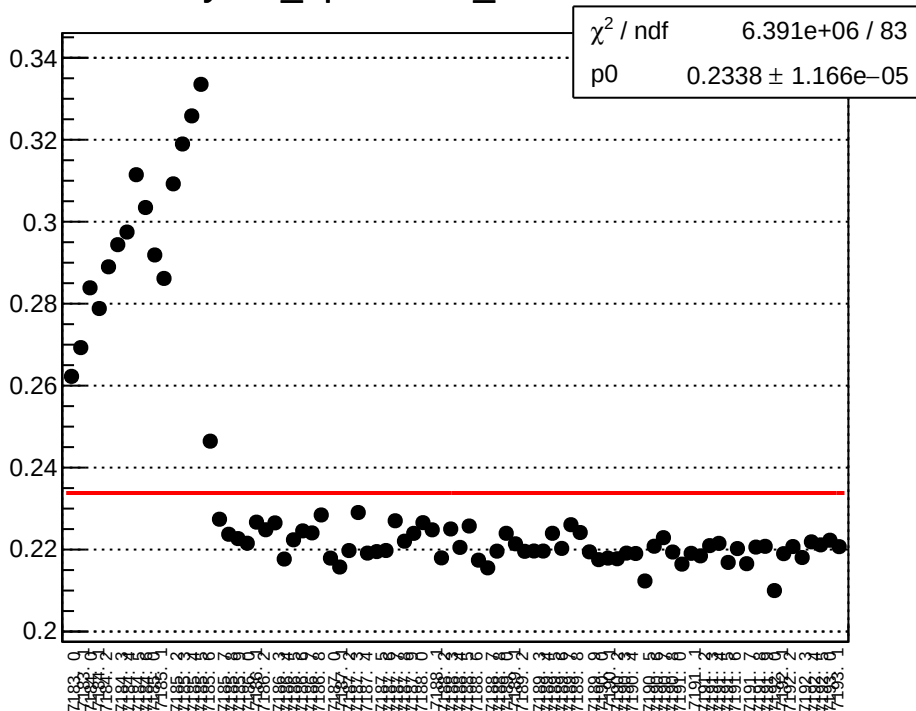
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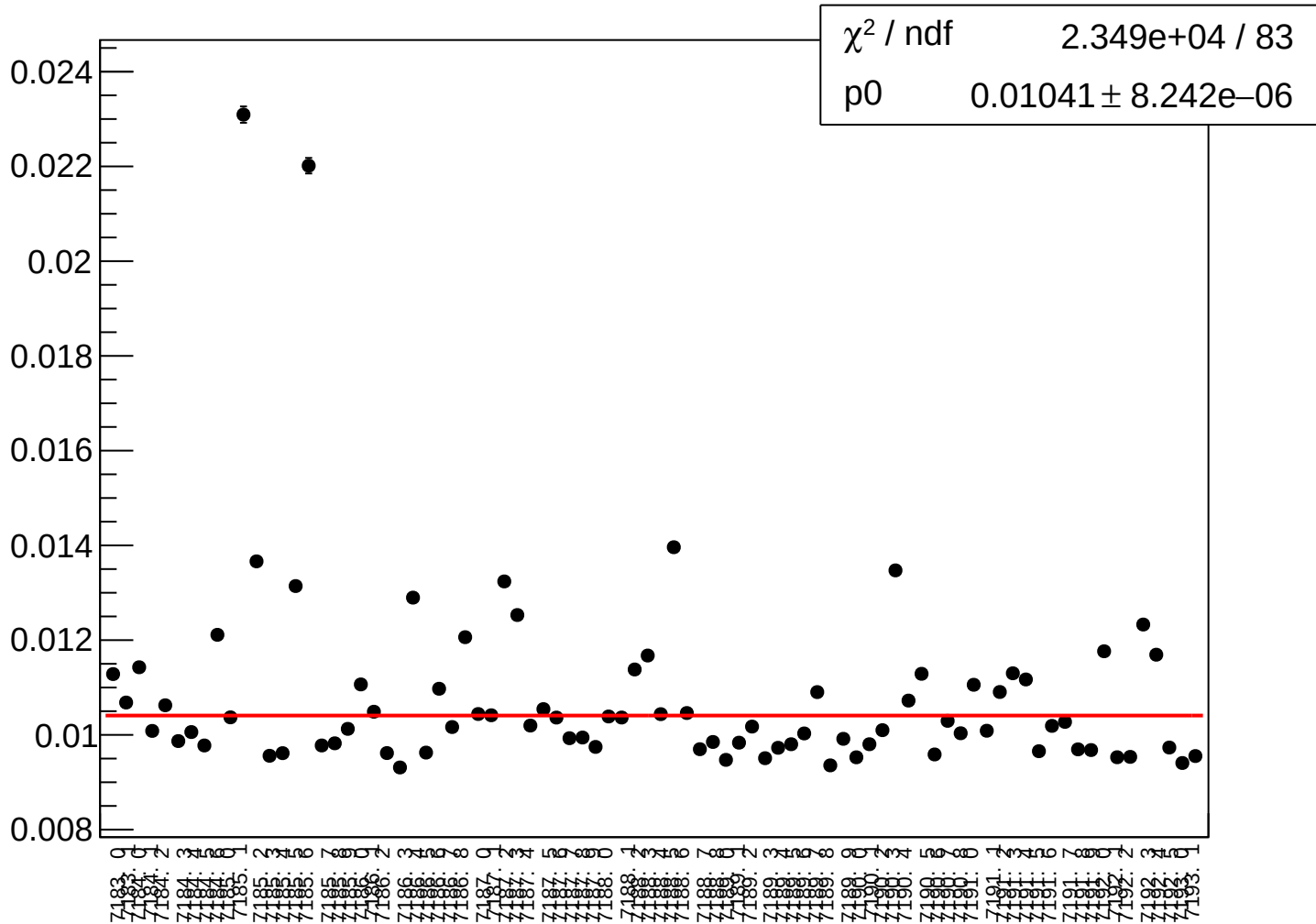
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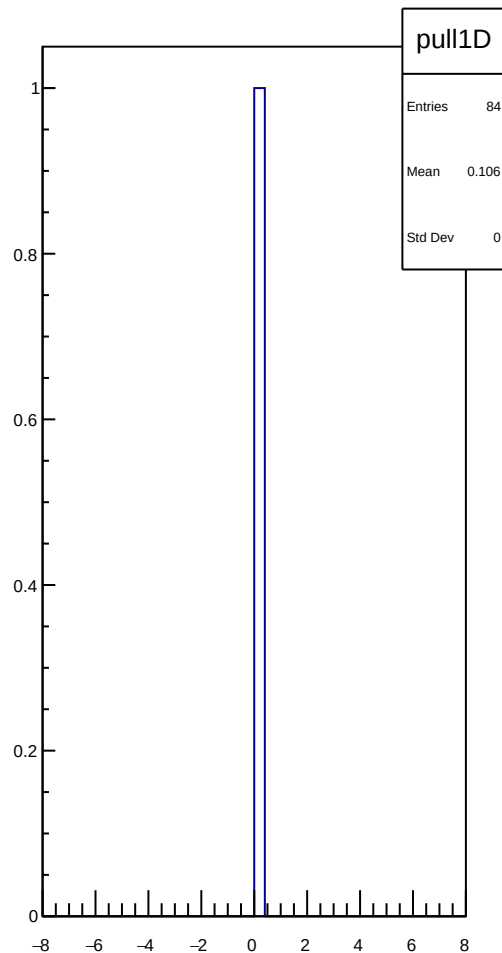
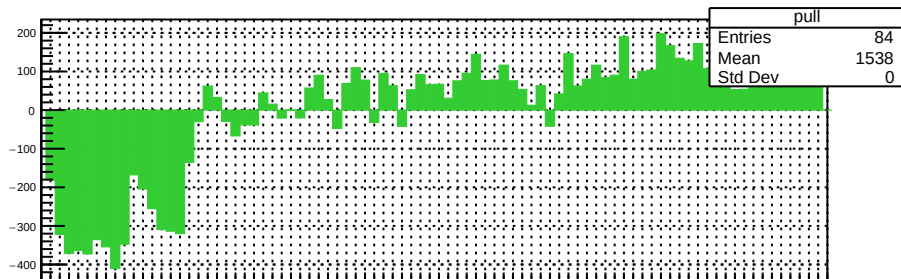
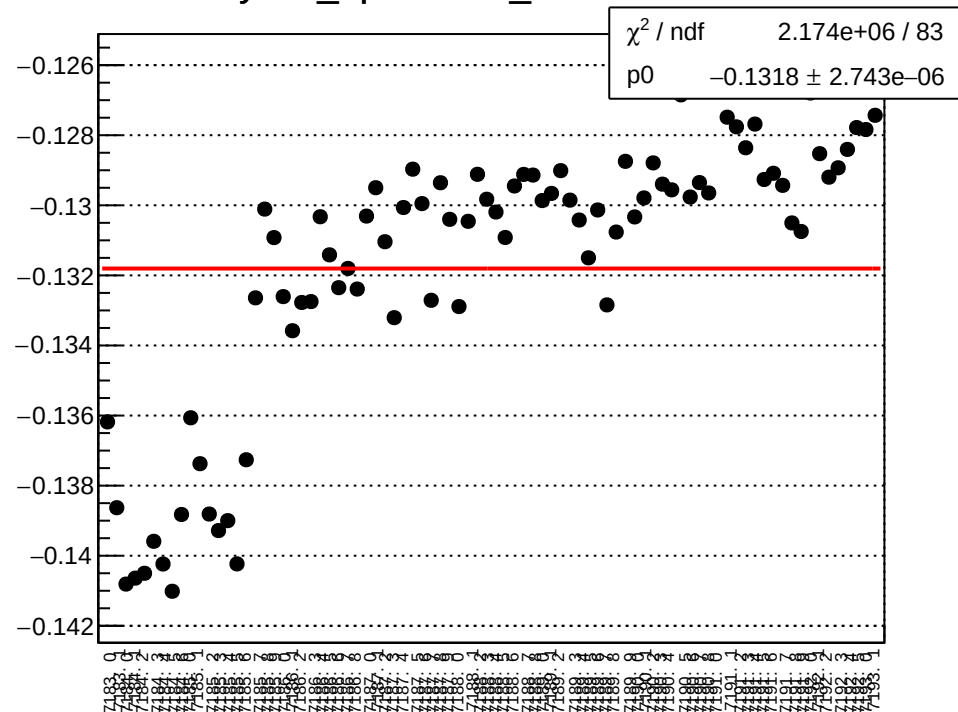
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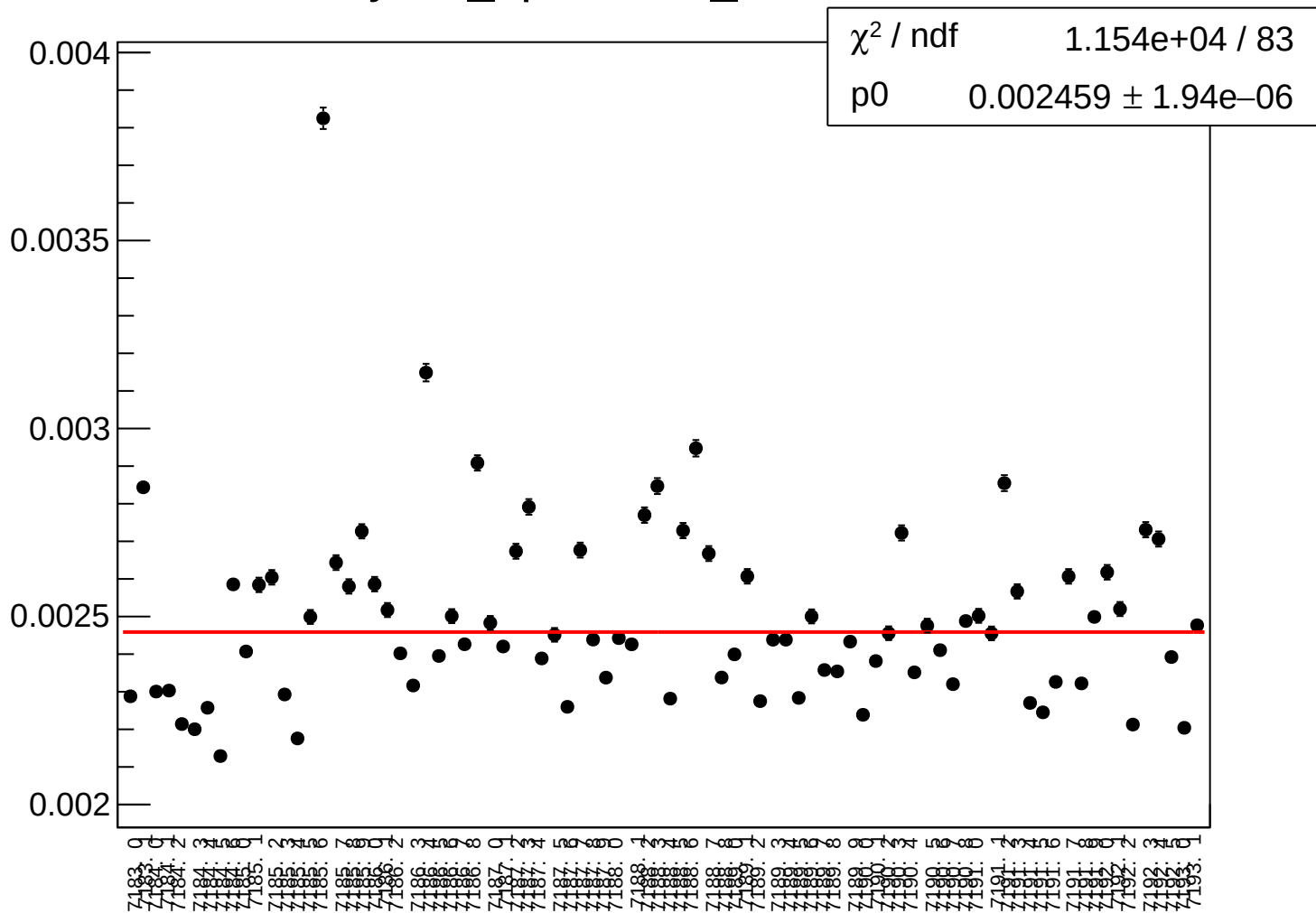
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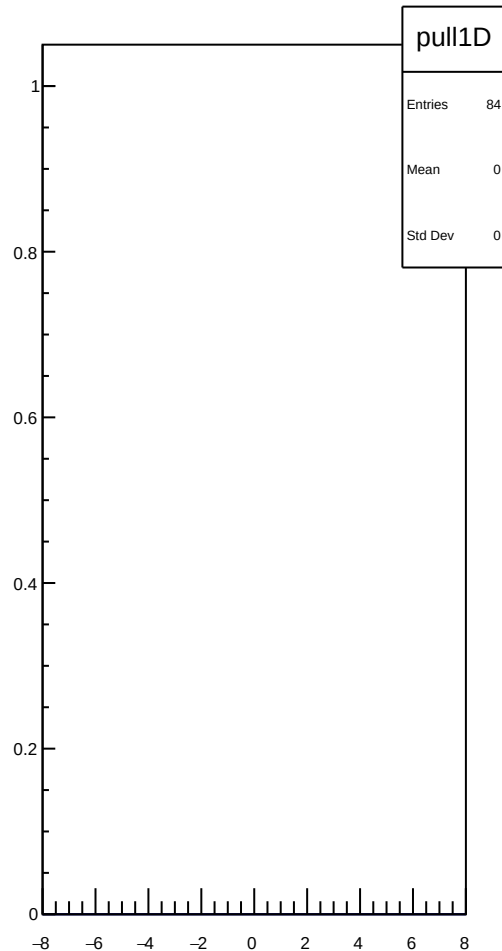
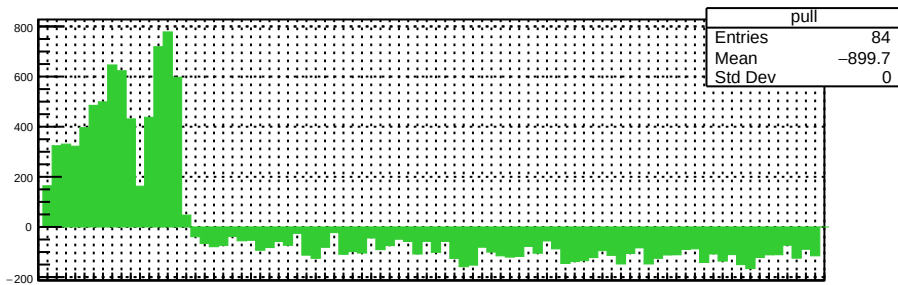
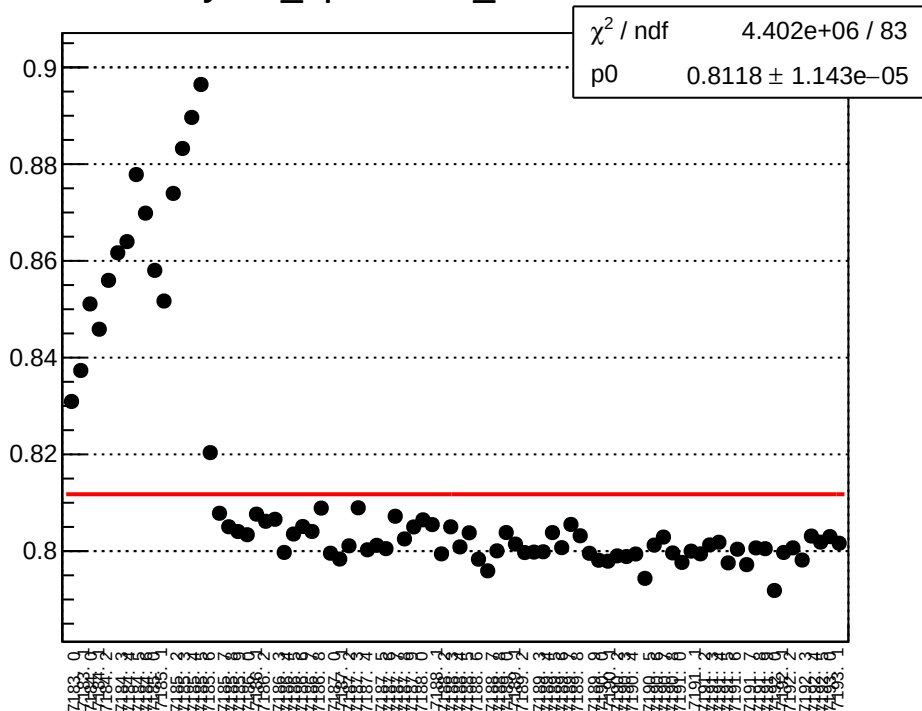
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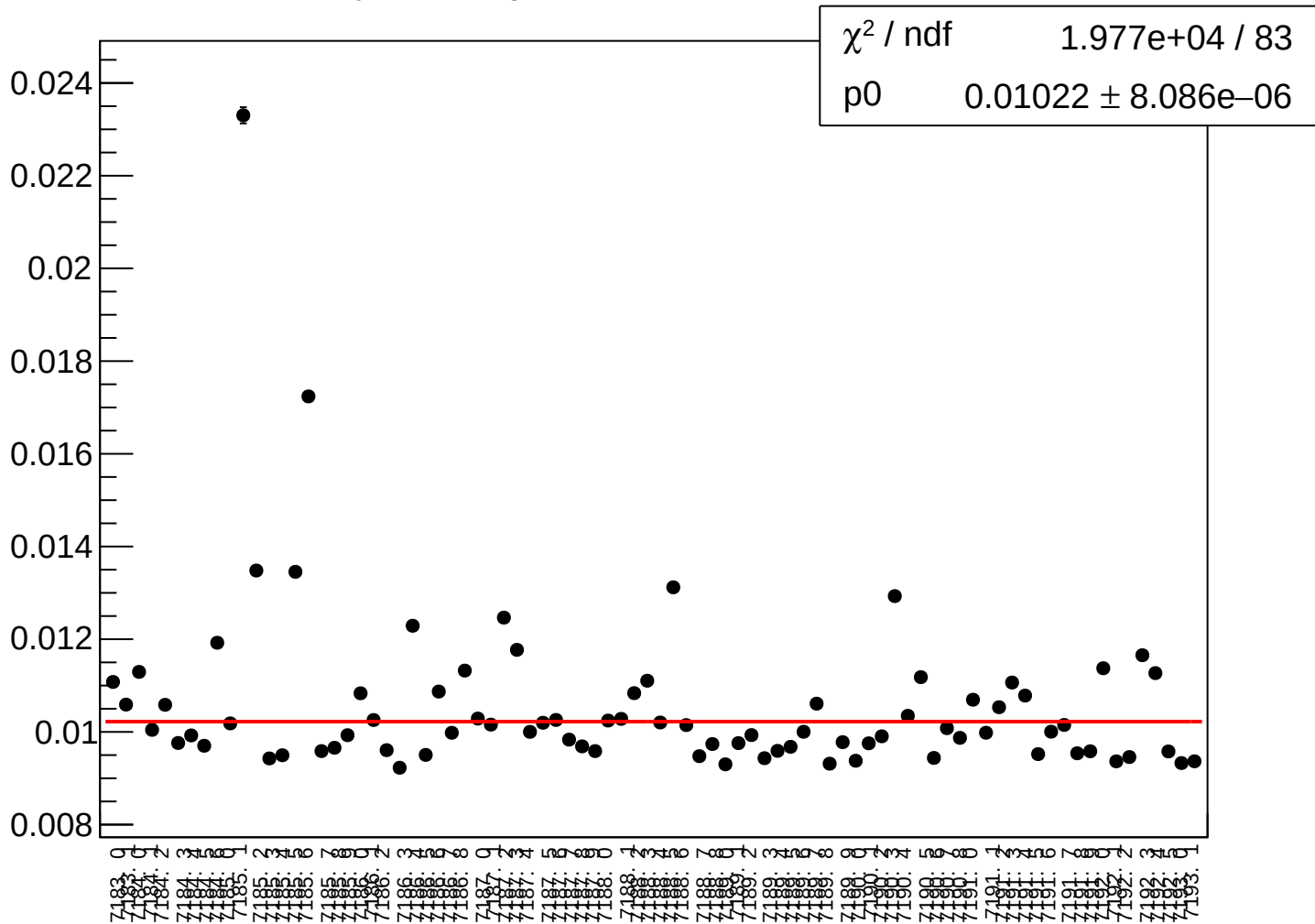
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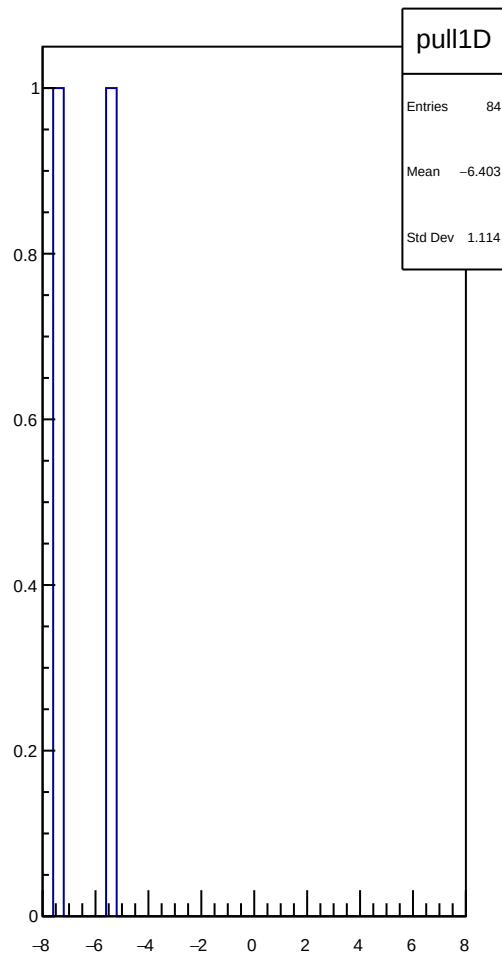
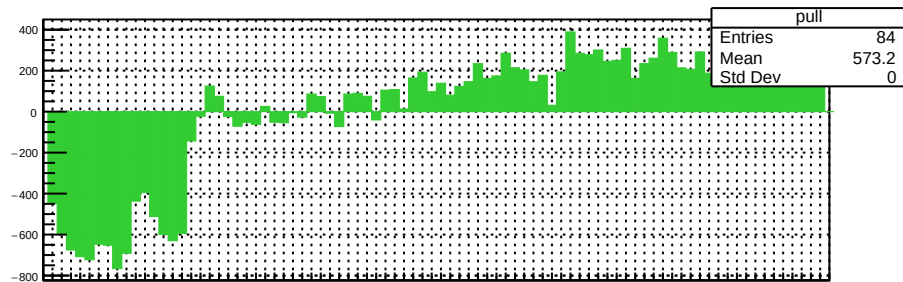
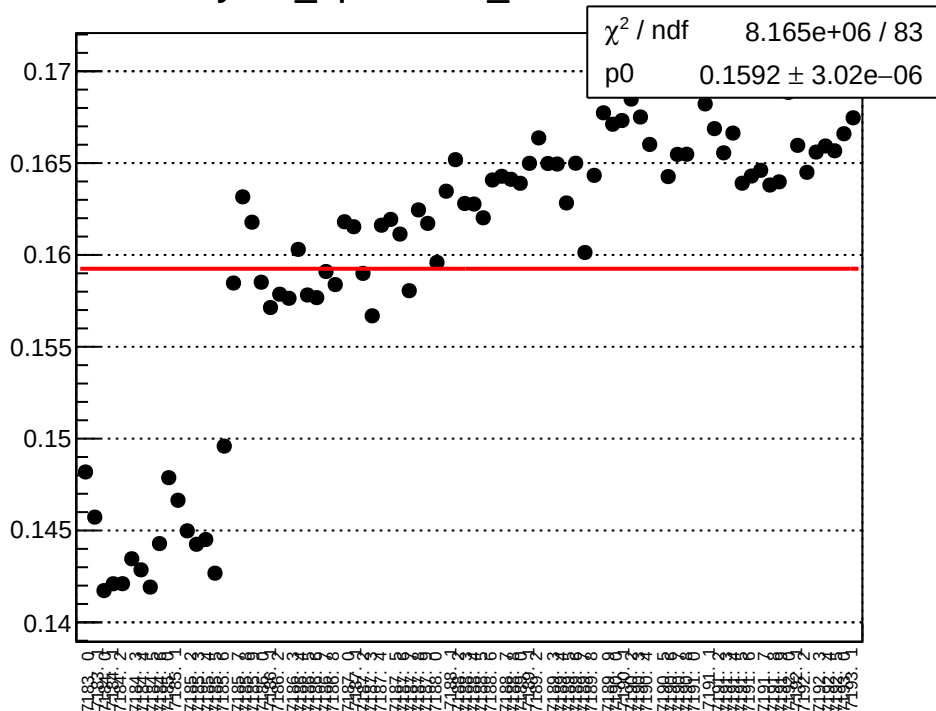
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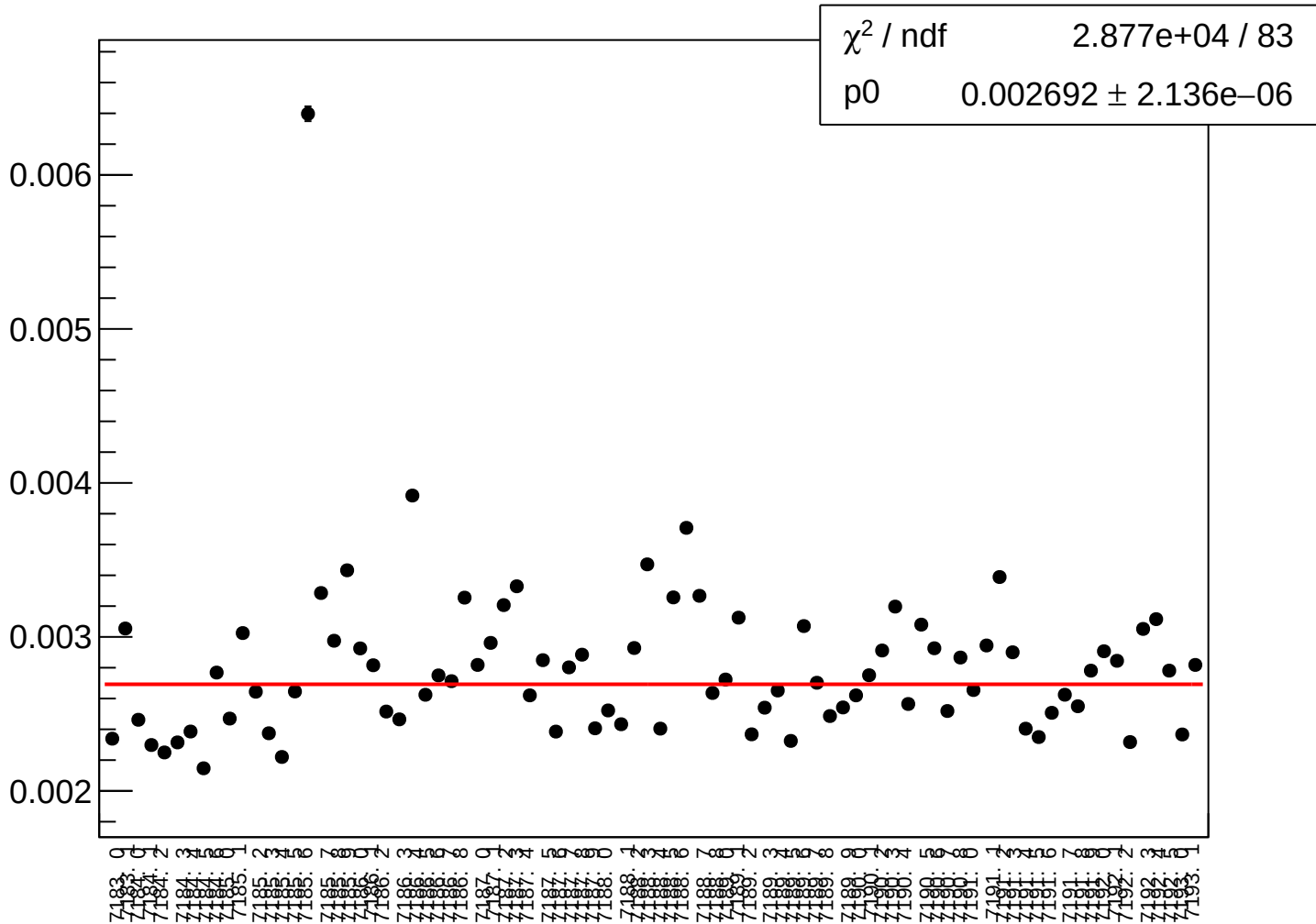
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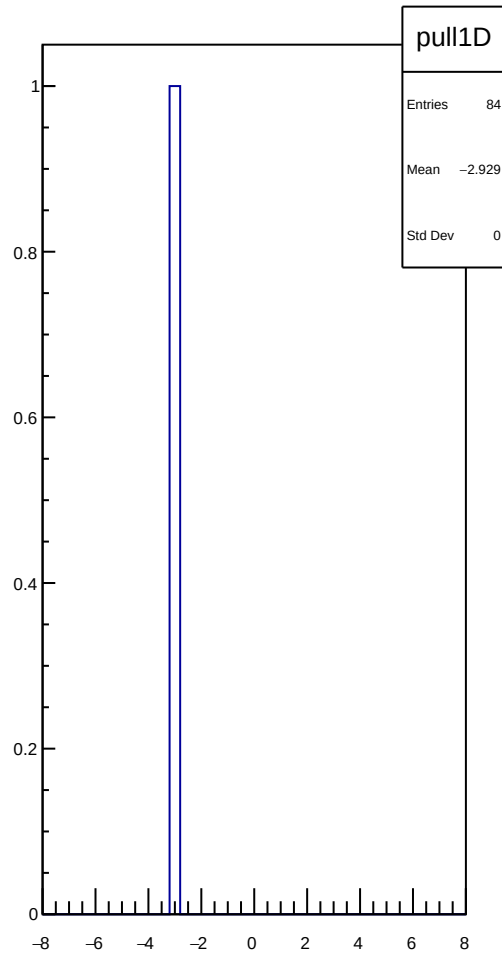
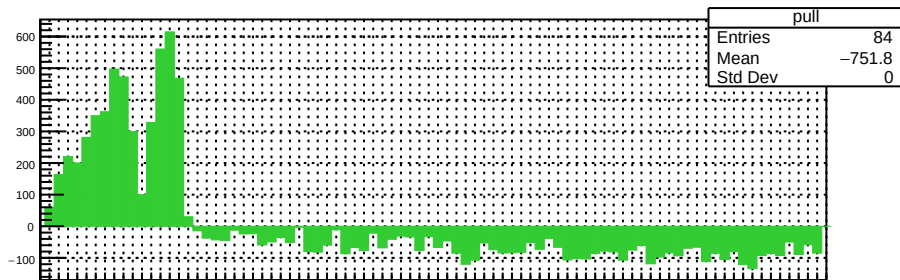
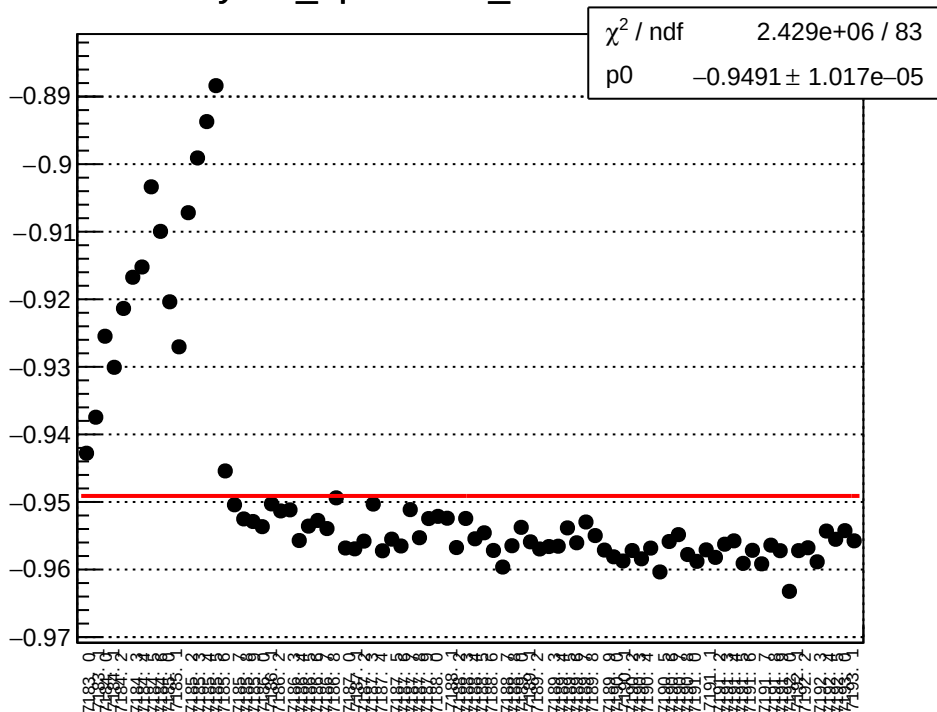
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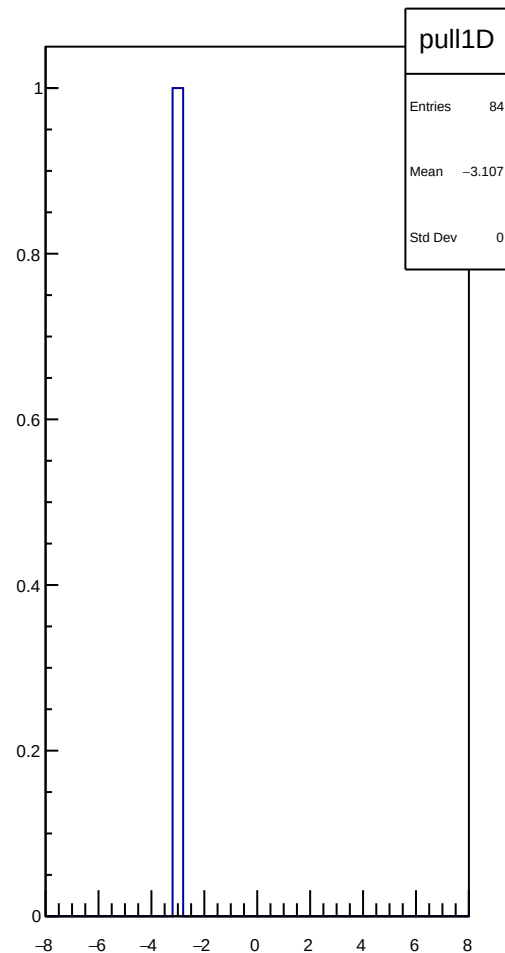
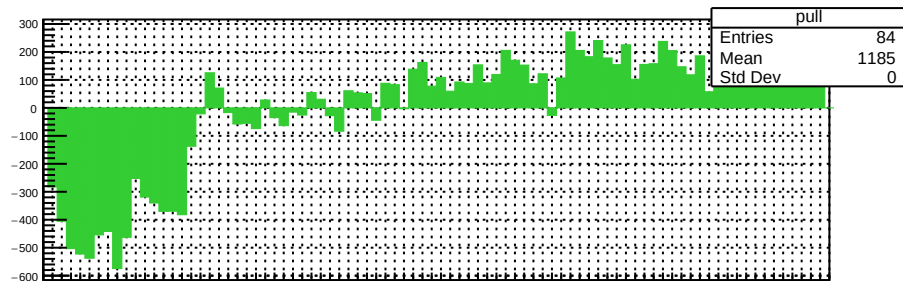
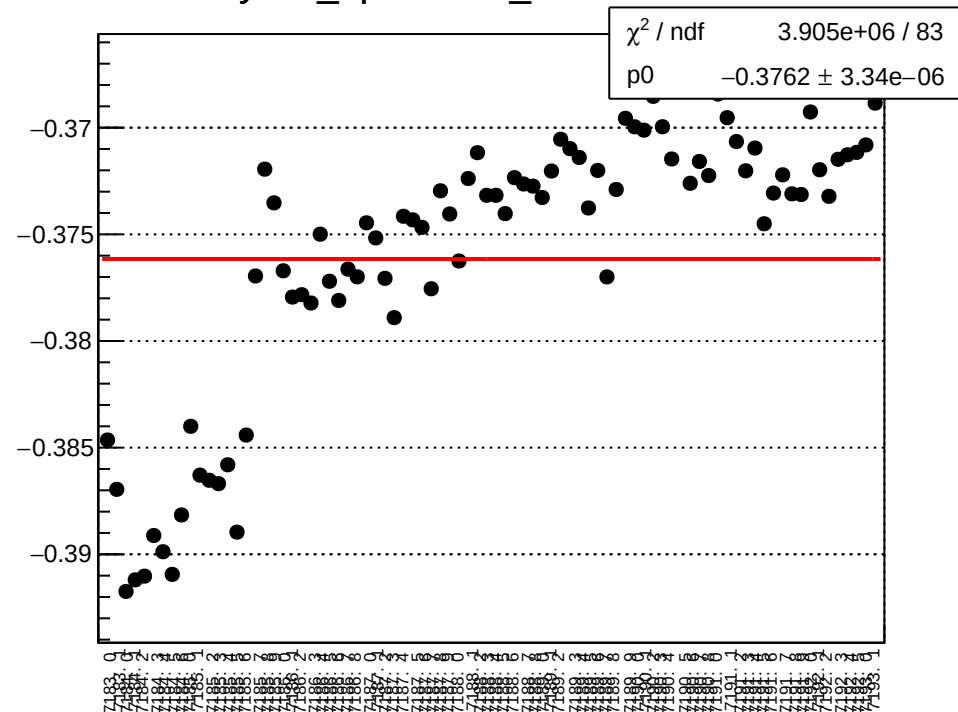
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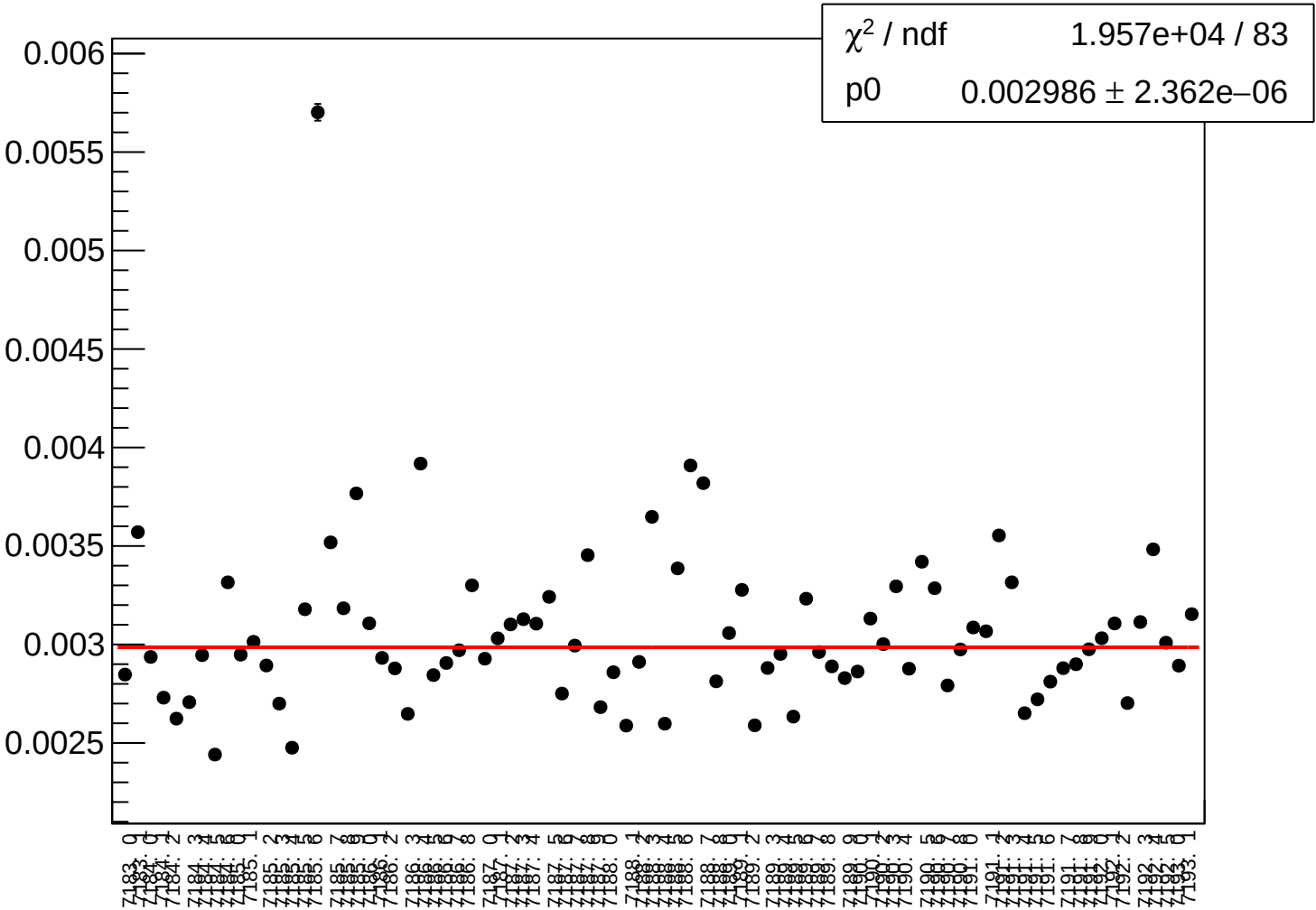
yield_bpm0l10X_mean vs run



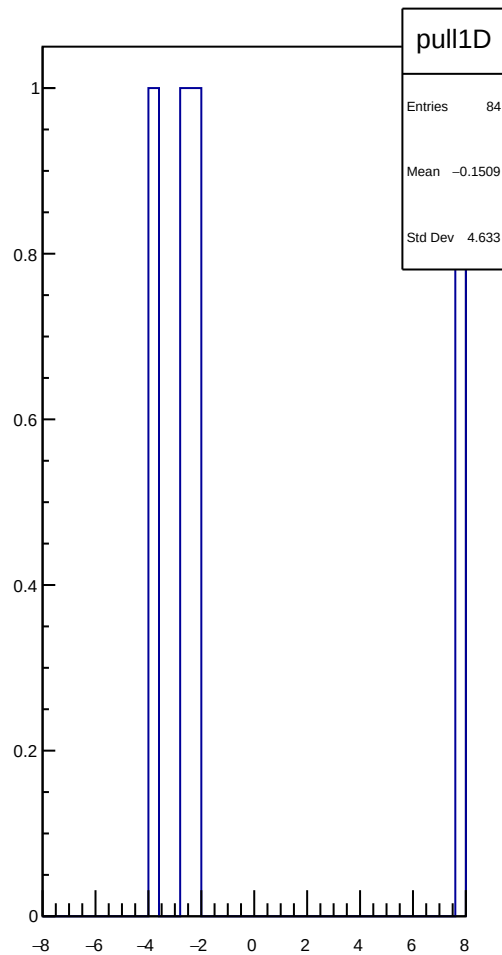
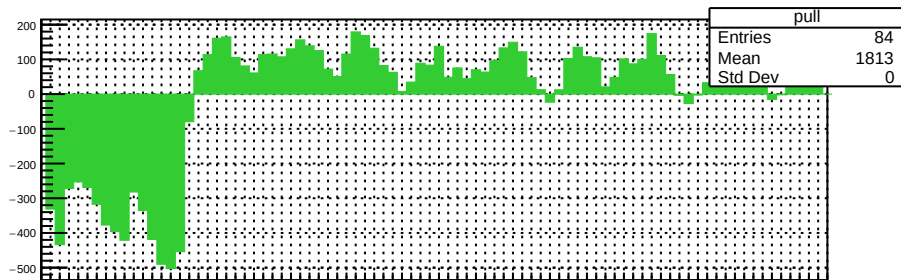
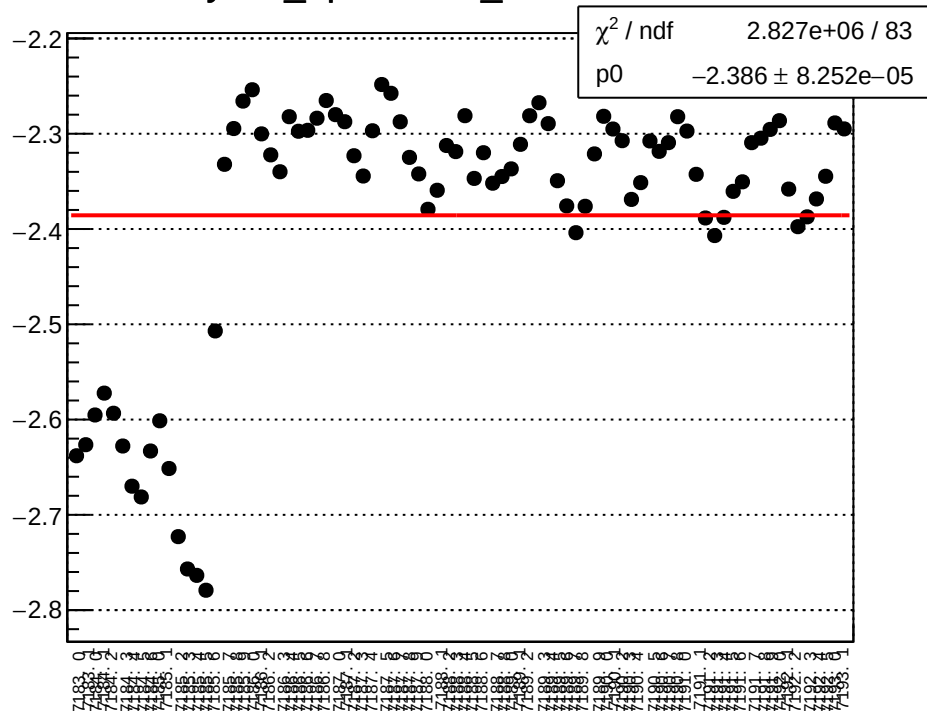
yield_bpm0l10Y_mean vs run



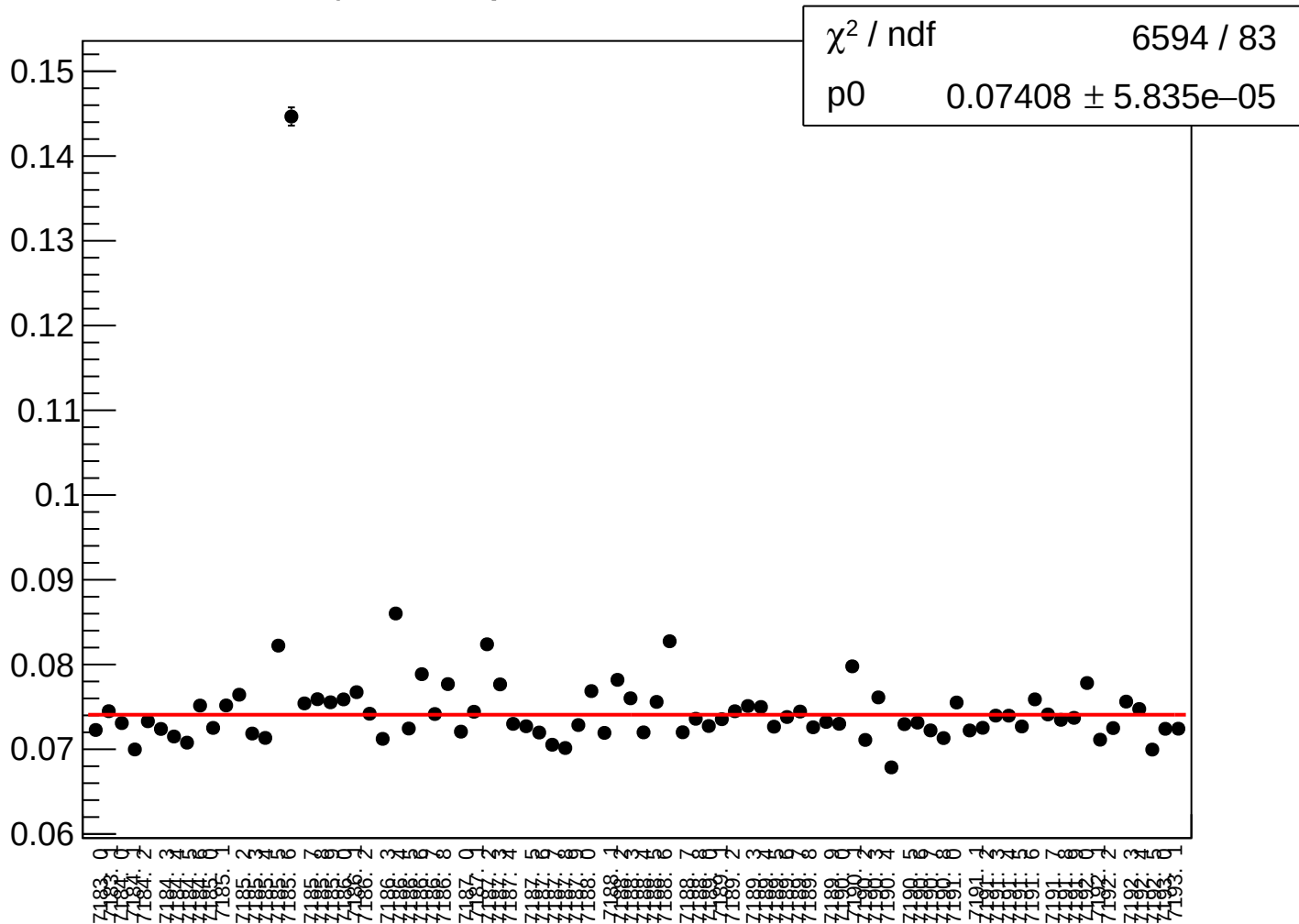
yield_bpm0l10Y_rms vs run



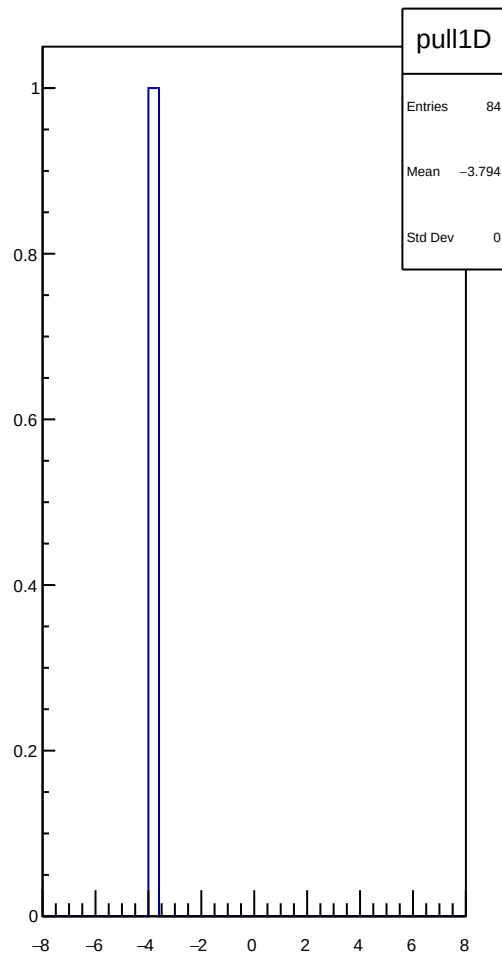
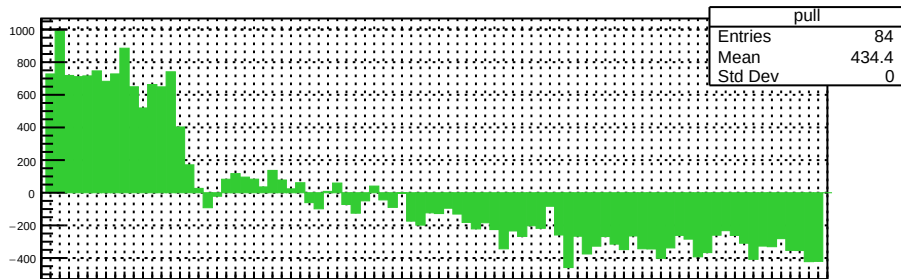
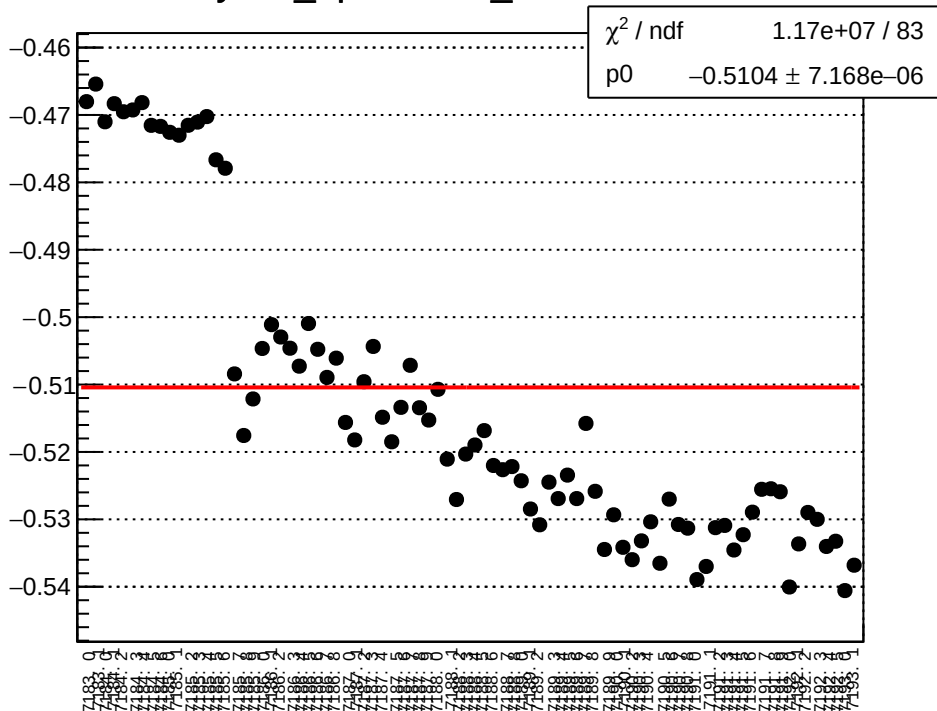
yield_bpm0r03X_mean vs run



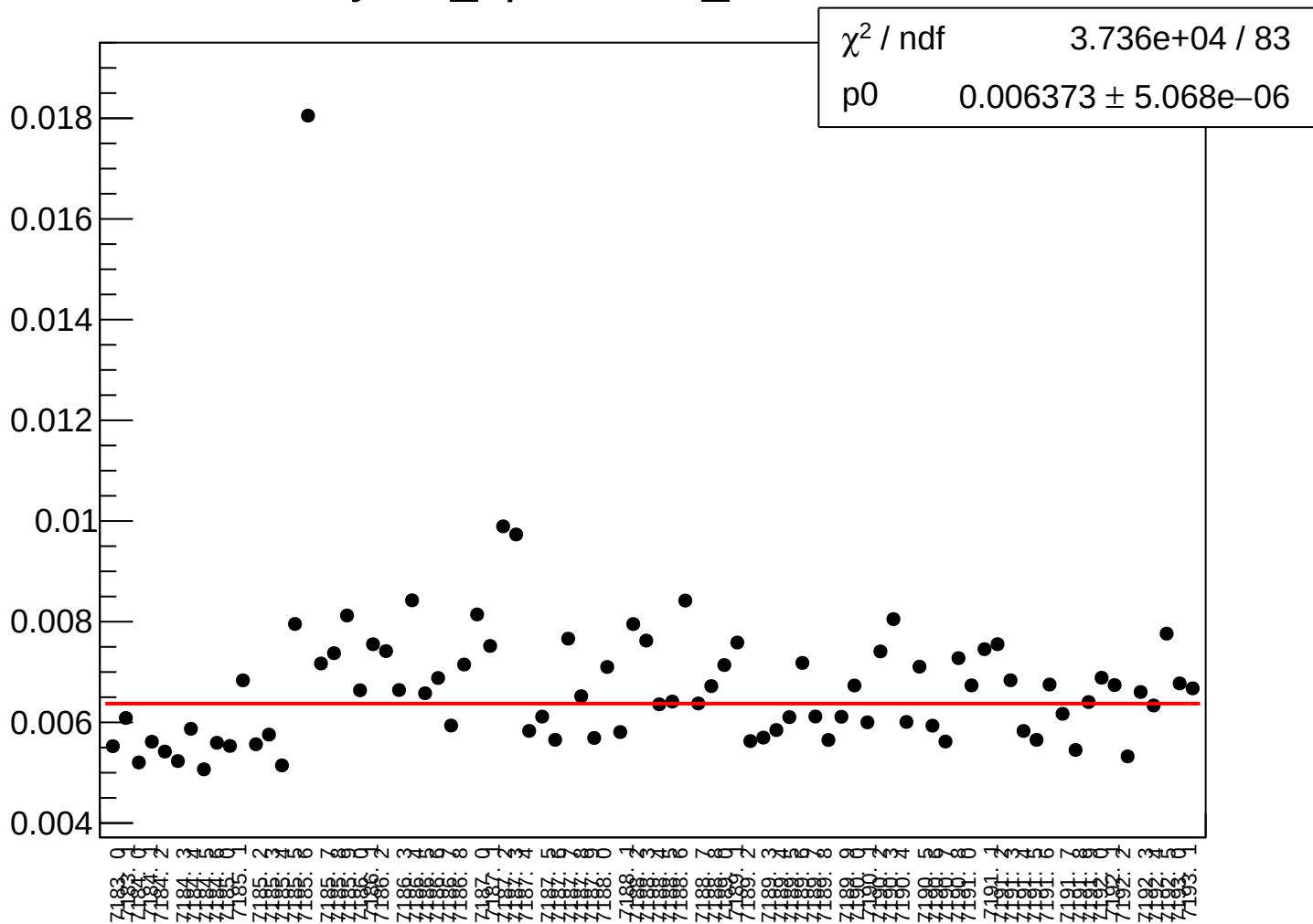
yield_bpm0r03X_rms vs run



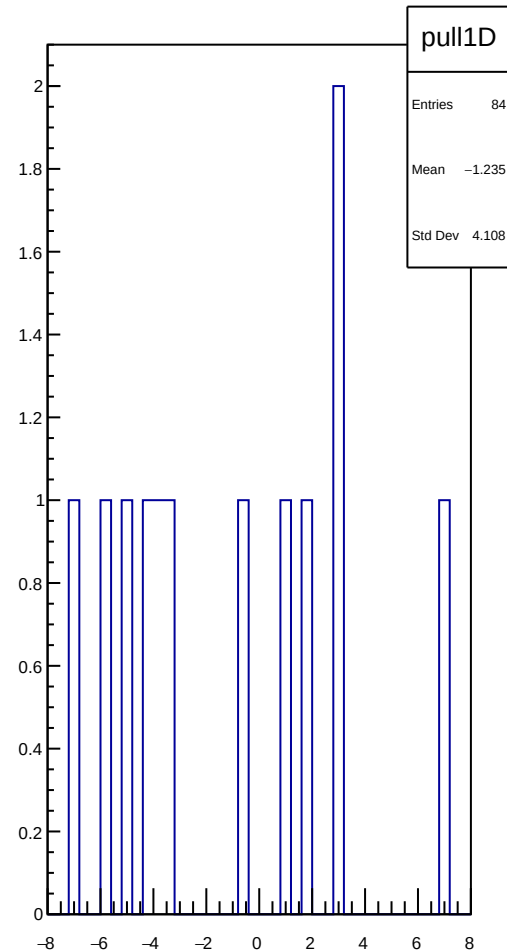
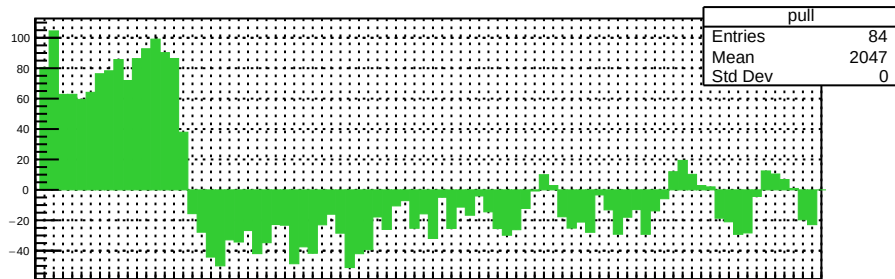
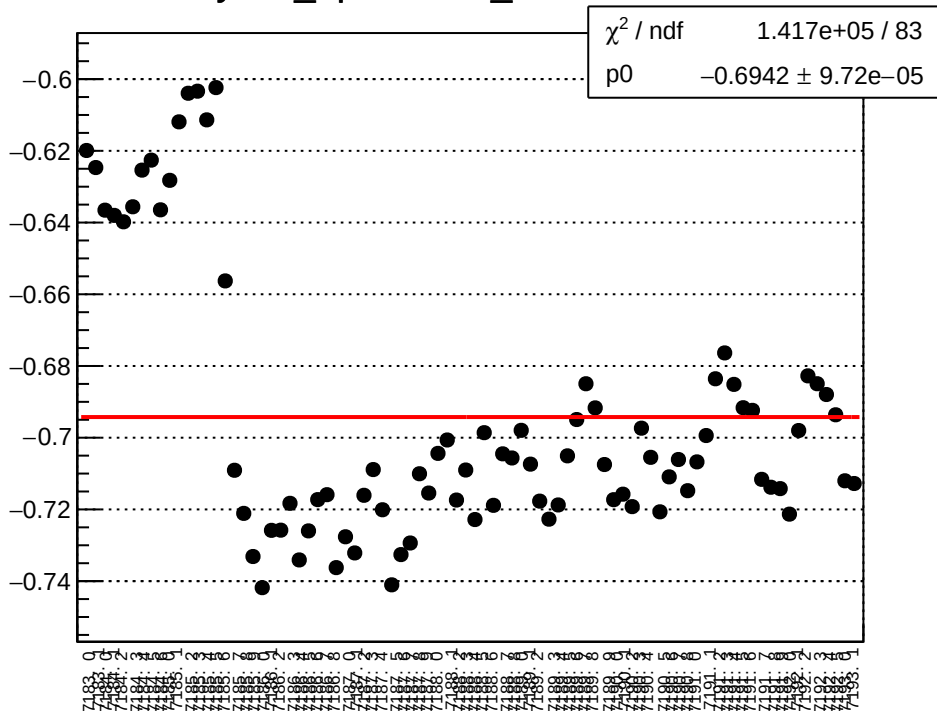
yield_bpm0r03Y_mean vs run



yield_bpm0r03Y_rms vs run



yield_bpm0r05X_mean vs run



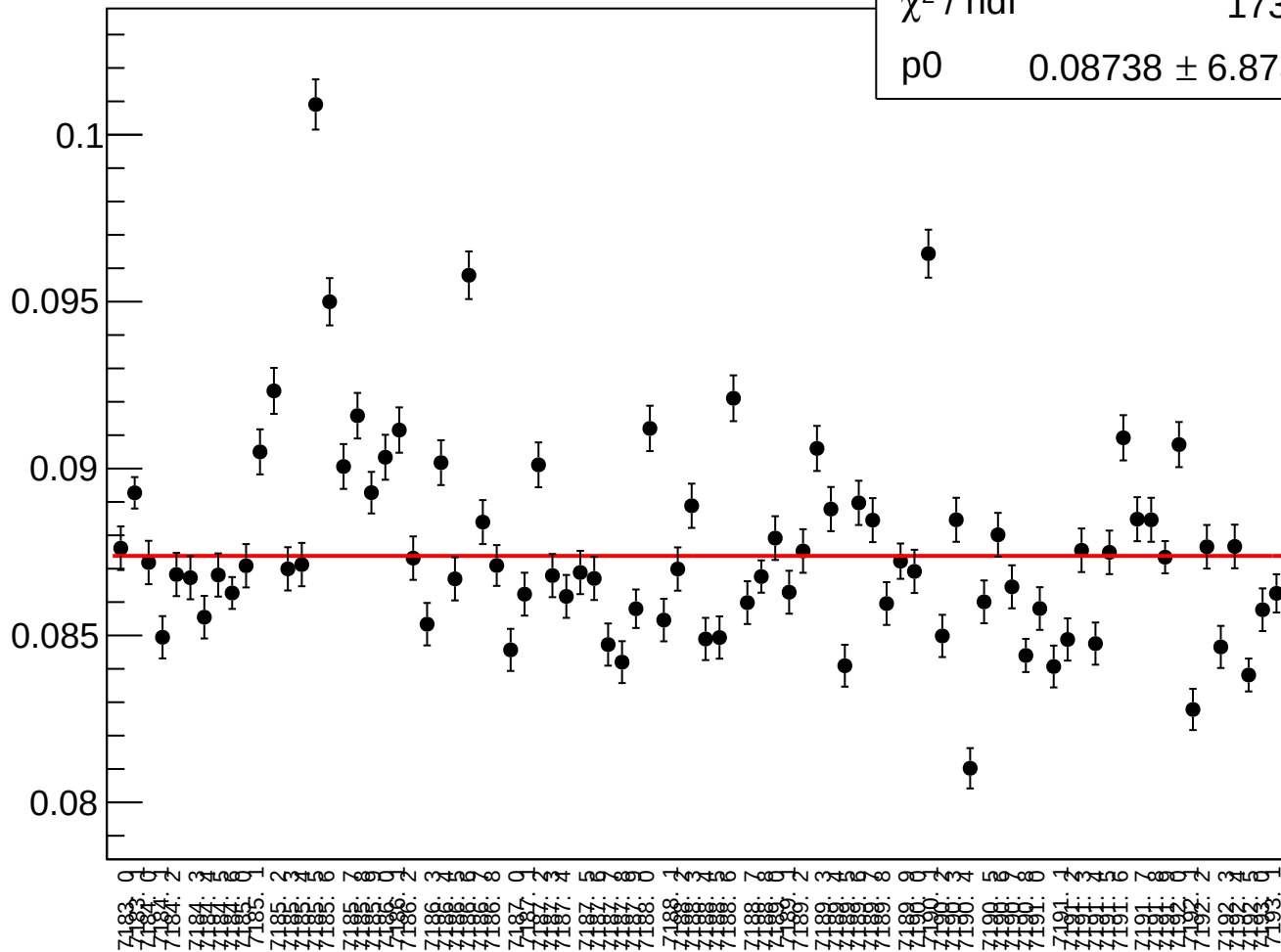
yield_bpm0r05X_rms vs run

χ^2 / ndf

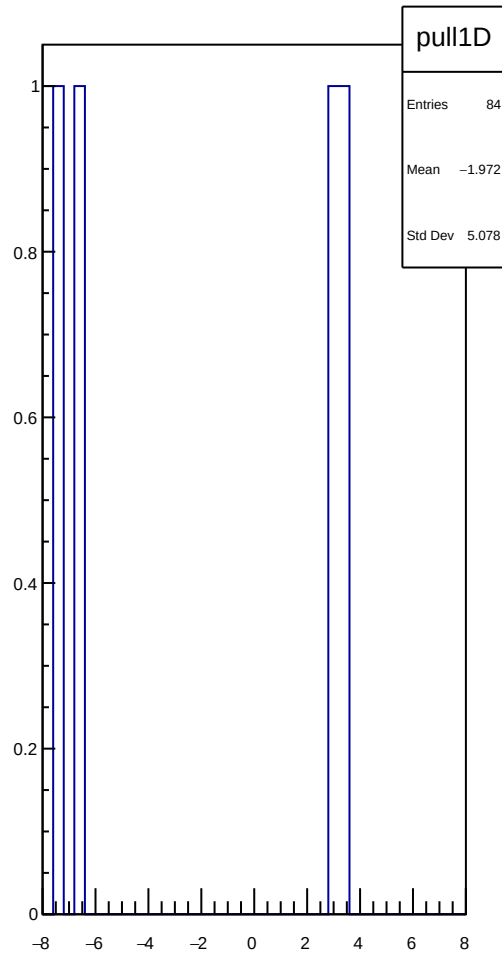
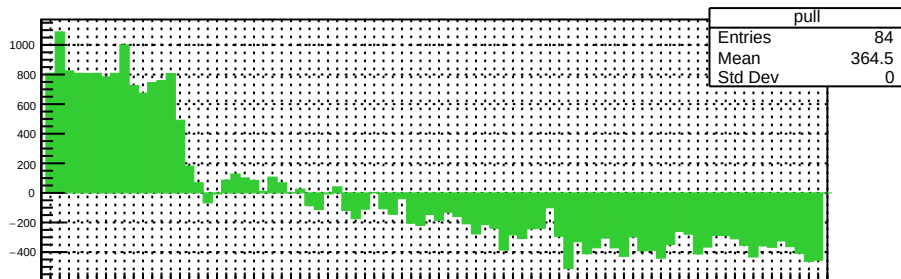
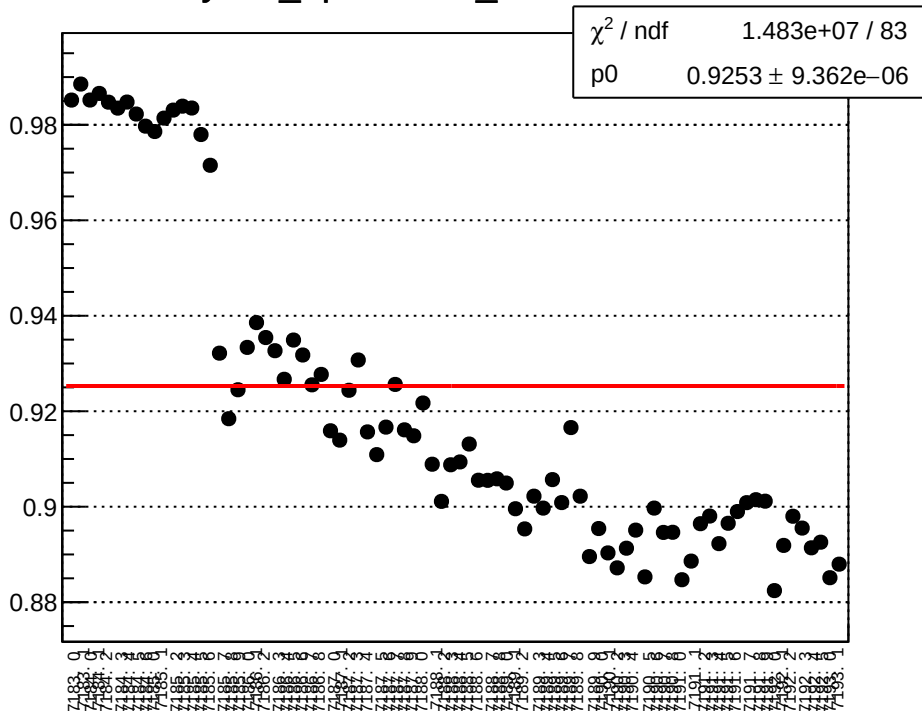
1734 / 83

p0

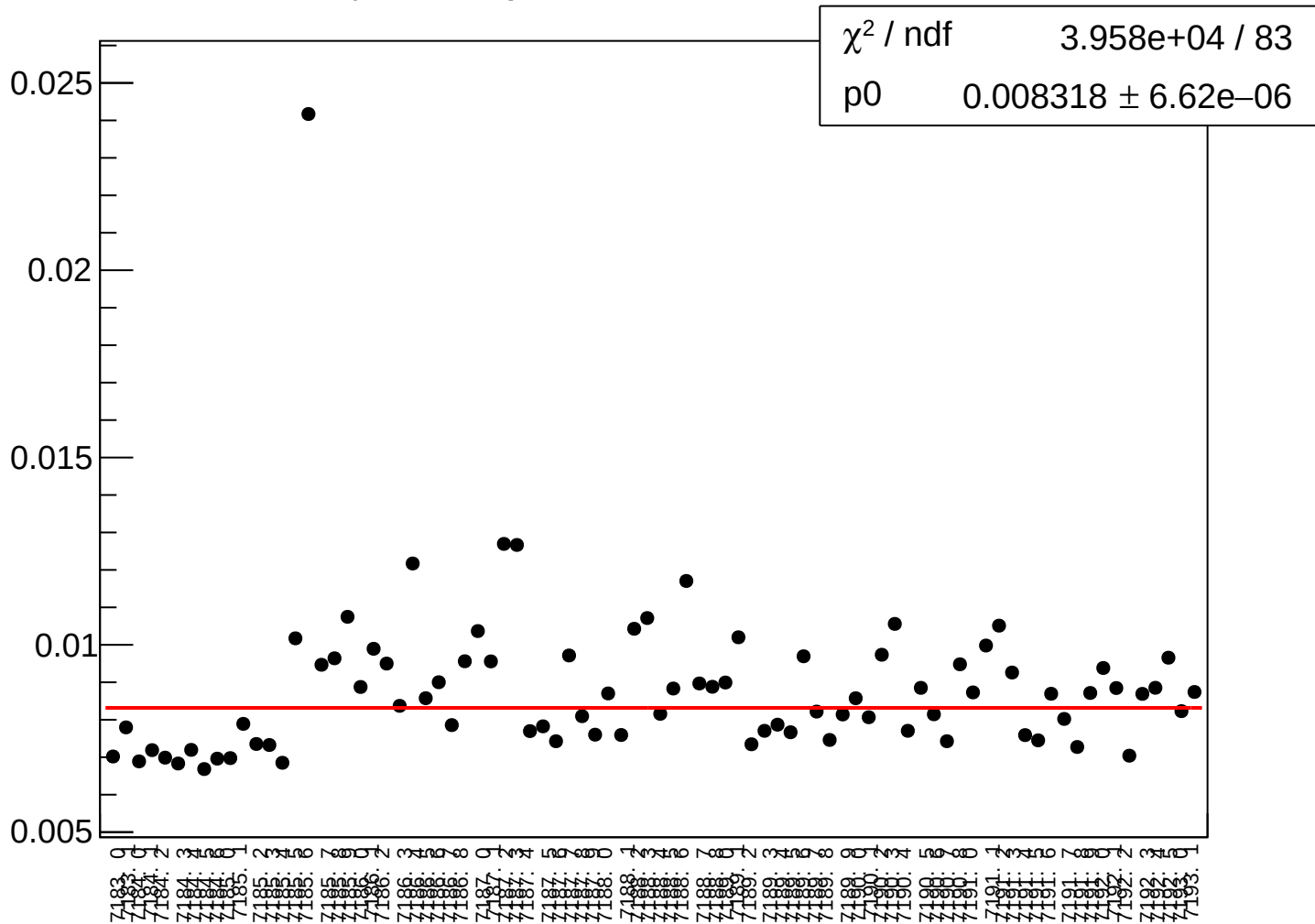
$0.08738 \pm 6.873\text{e-}05$



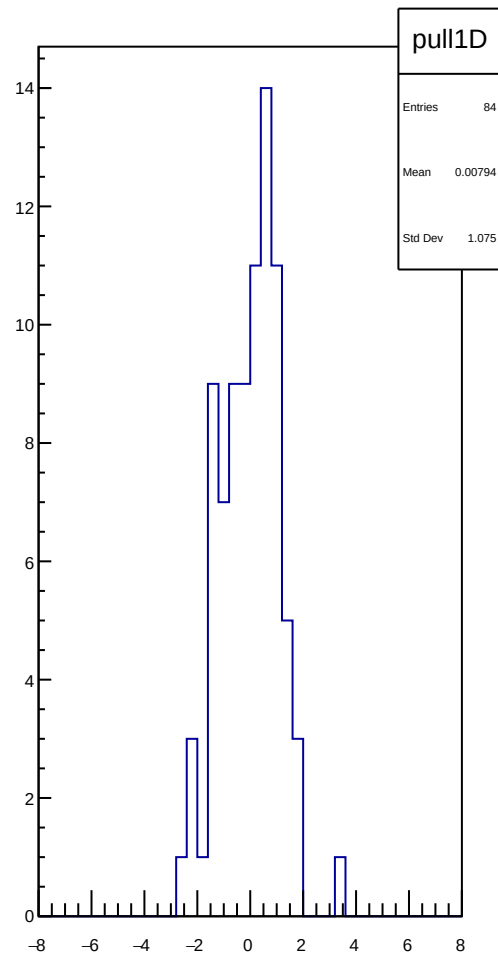
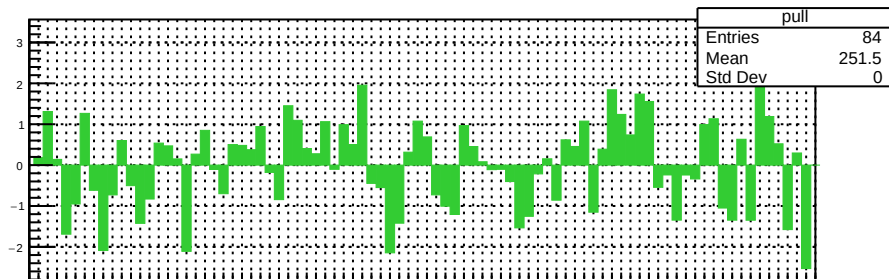
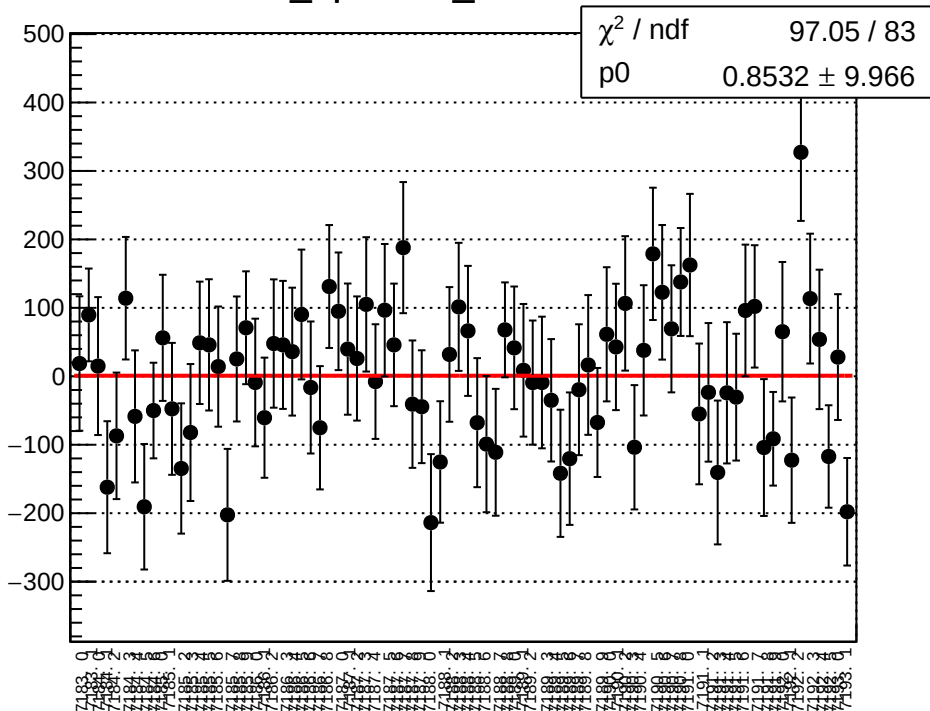
yield_bpm0r05Y_mean vs run



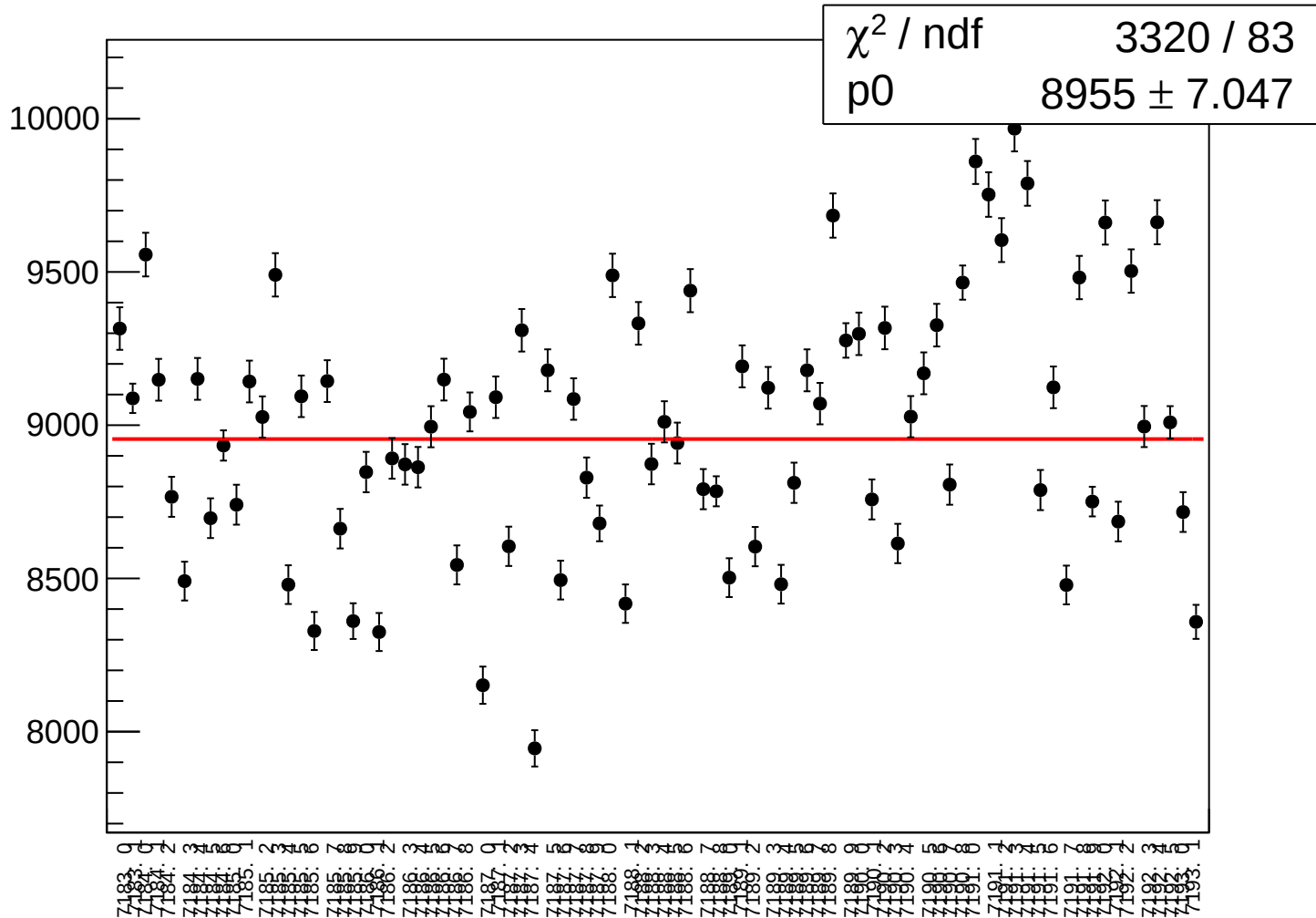
yield_bpm0r05Y_rms vs run



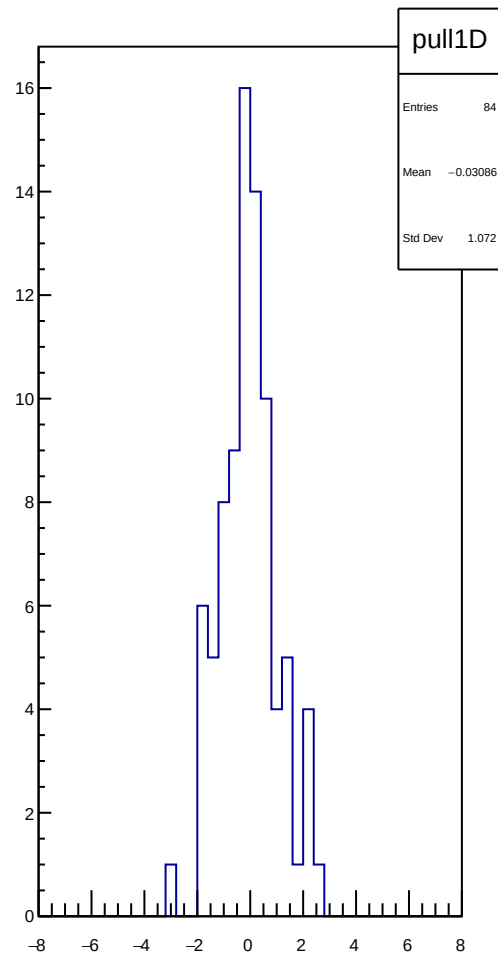
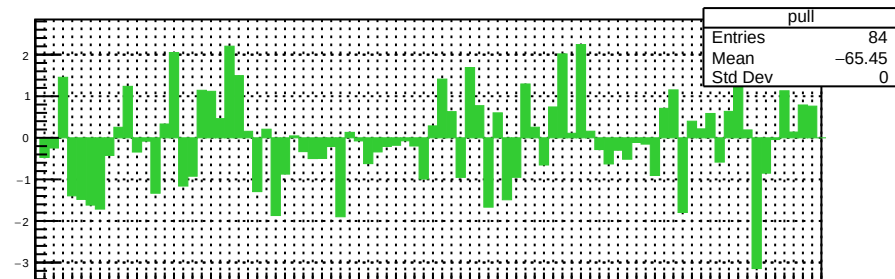
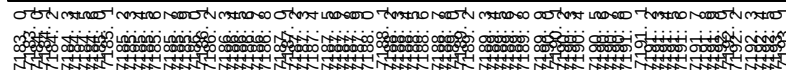
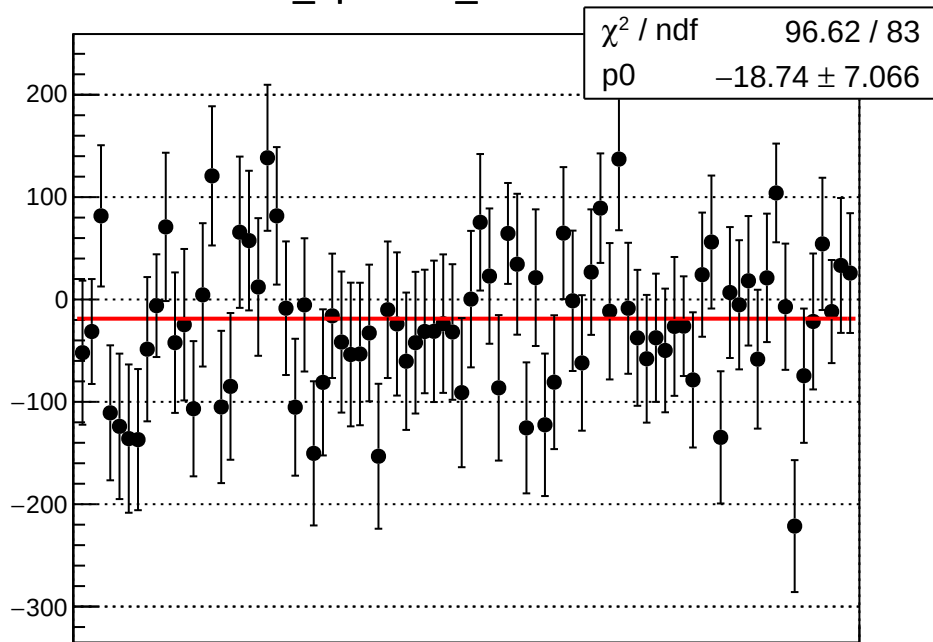
diff_bpm4aX_mean vs run



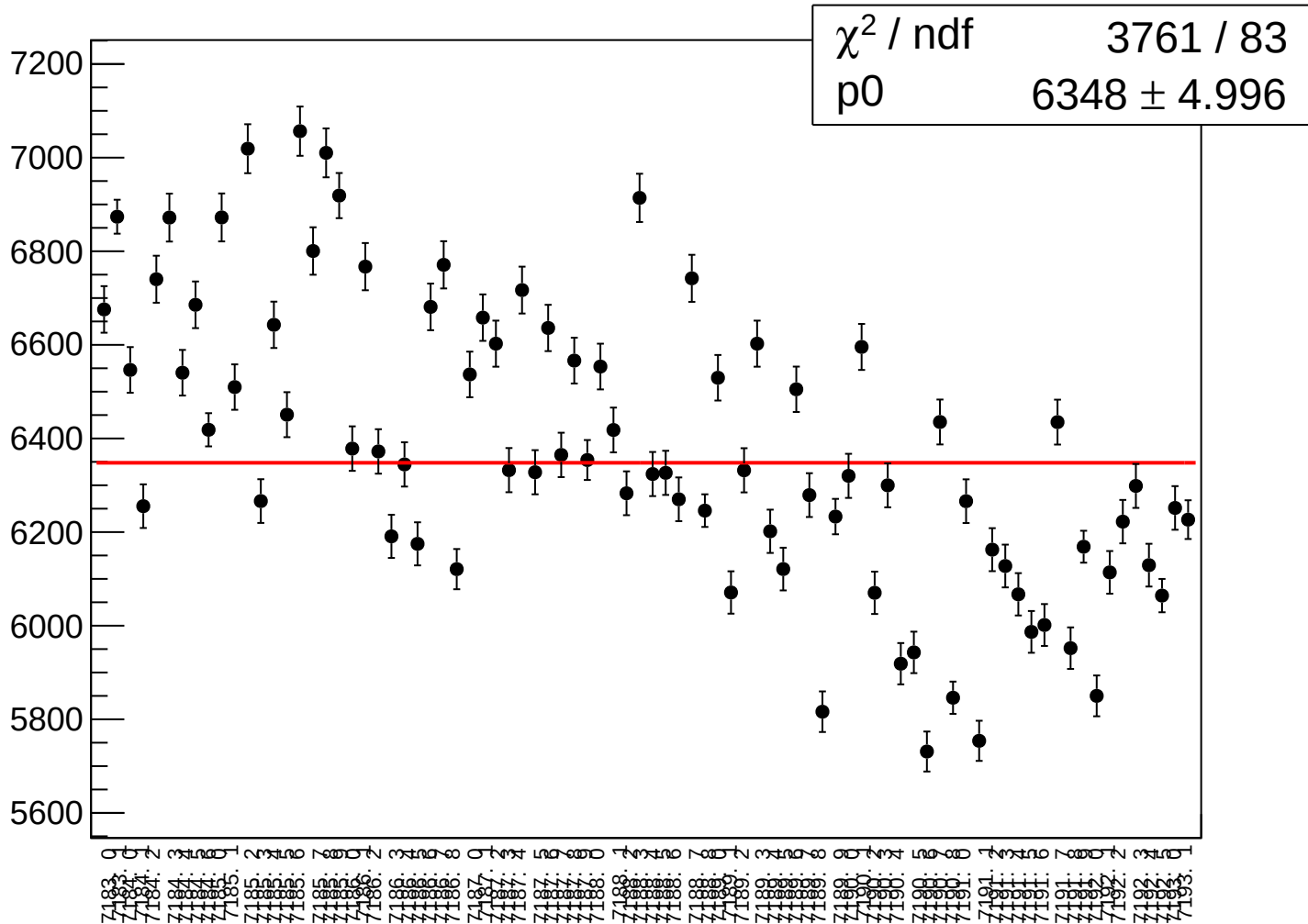
diff_bpm4aX_rms vs run



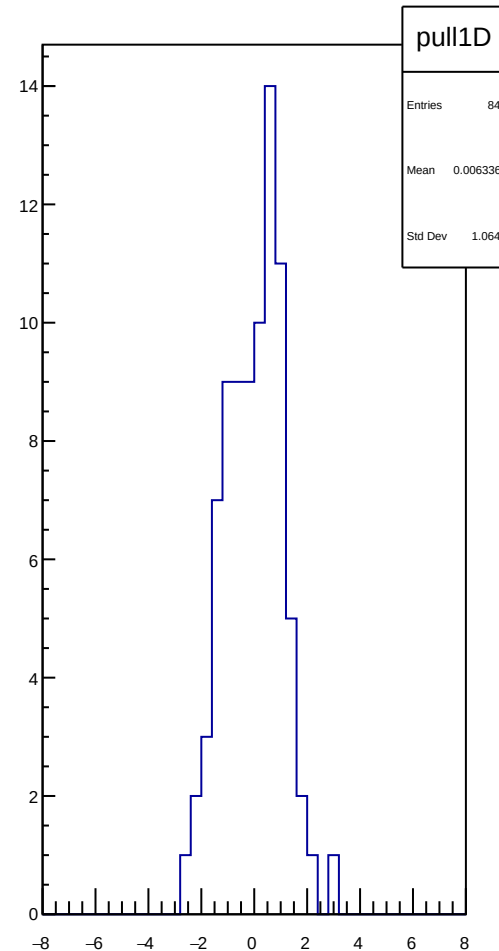
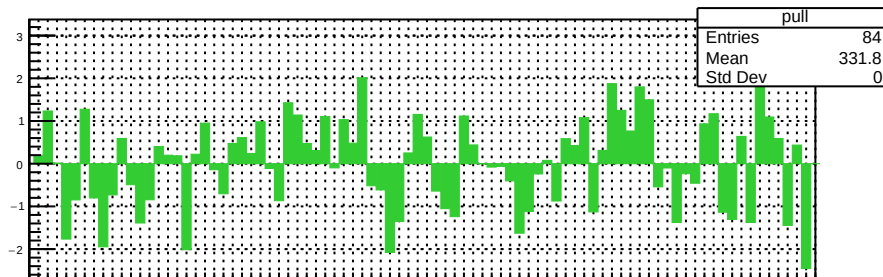
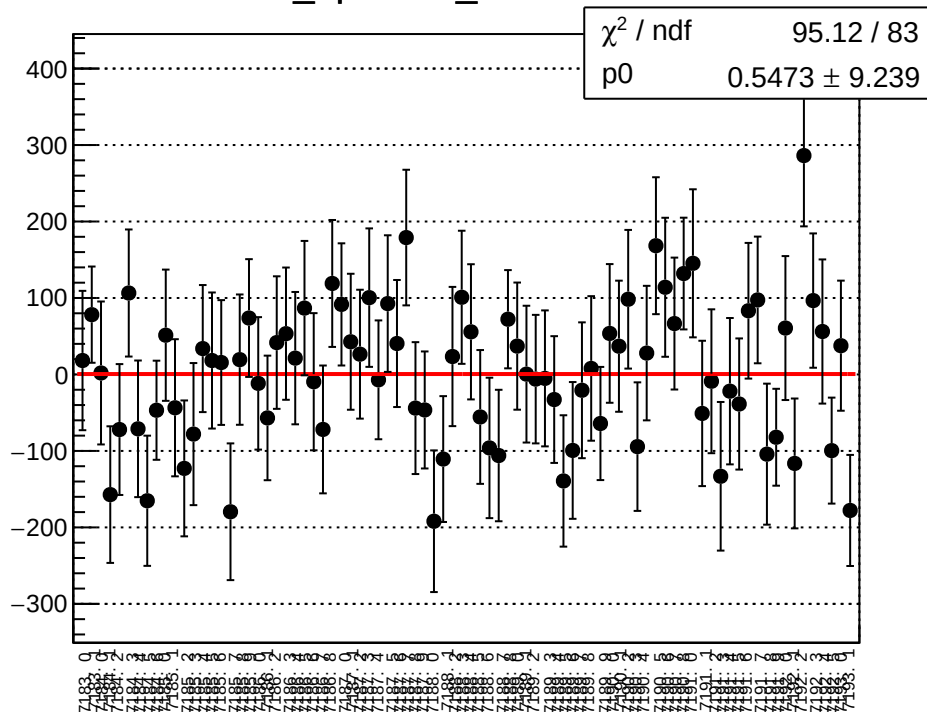
diff_bpm4aY_mean vs run



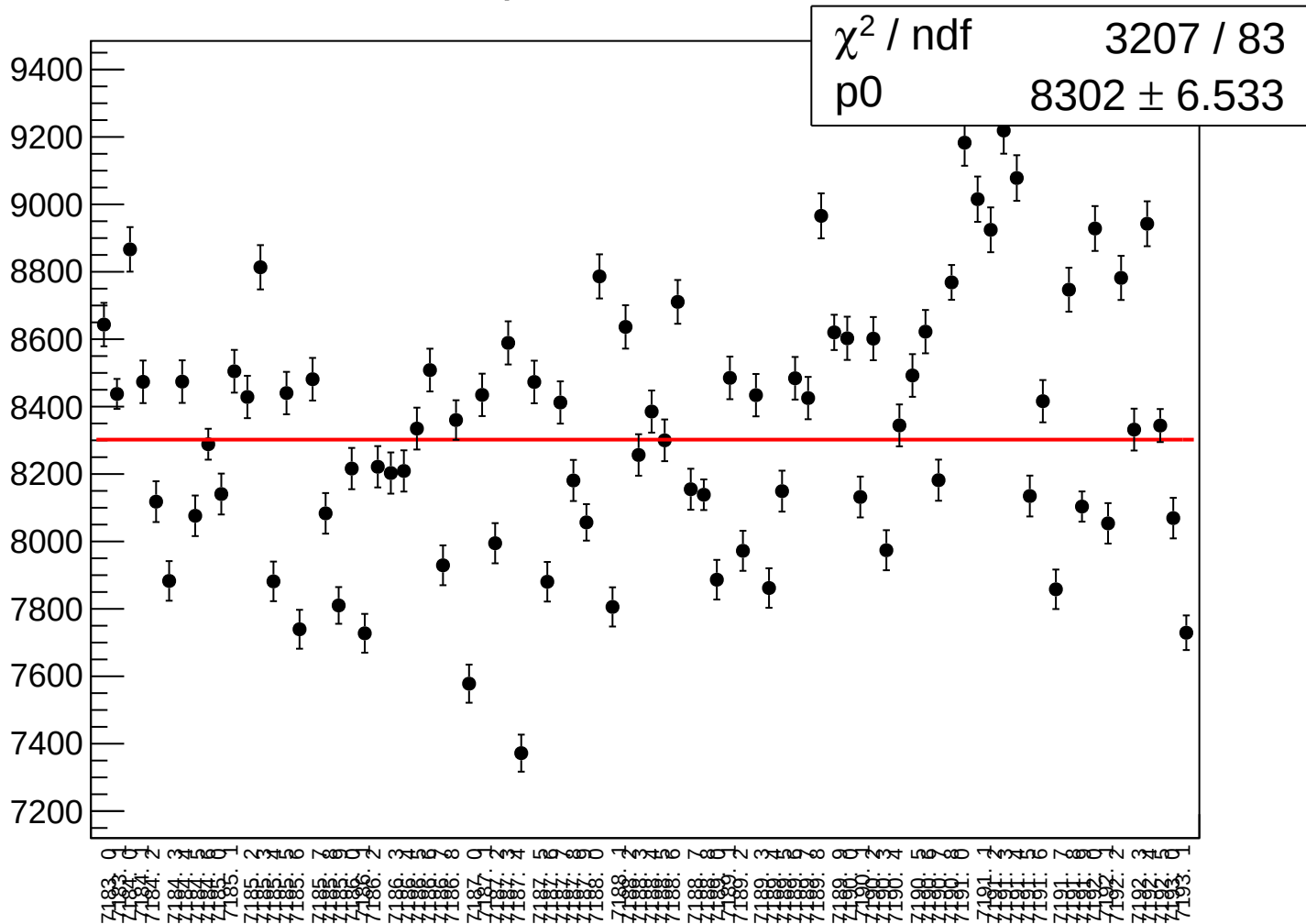
diff_bpm4aY_rms vs run



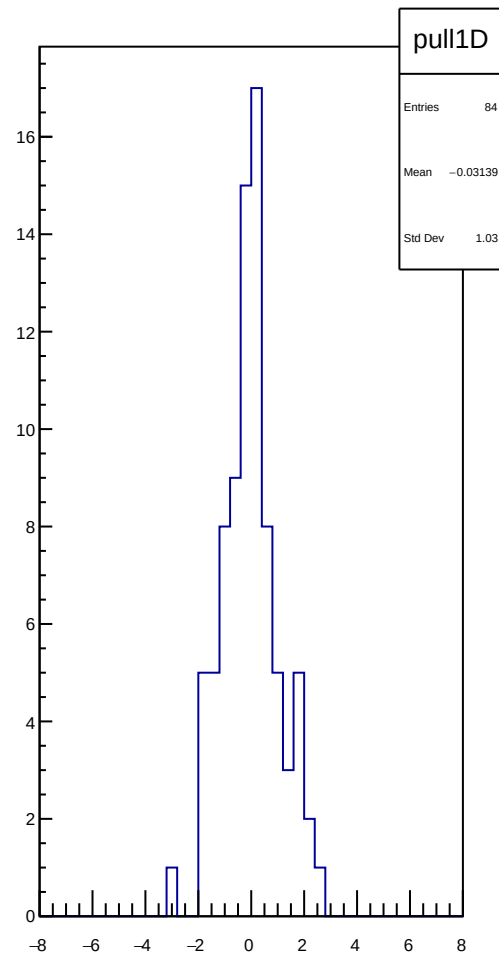
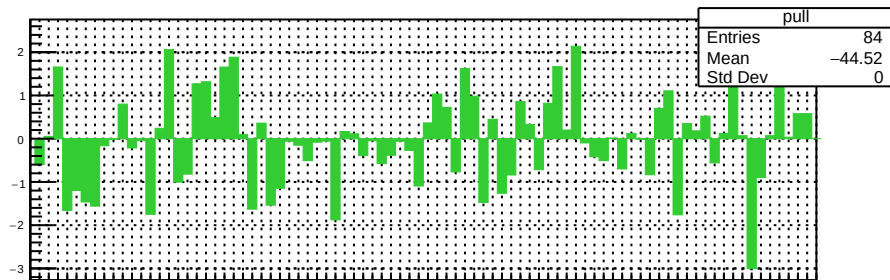
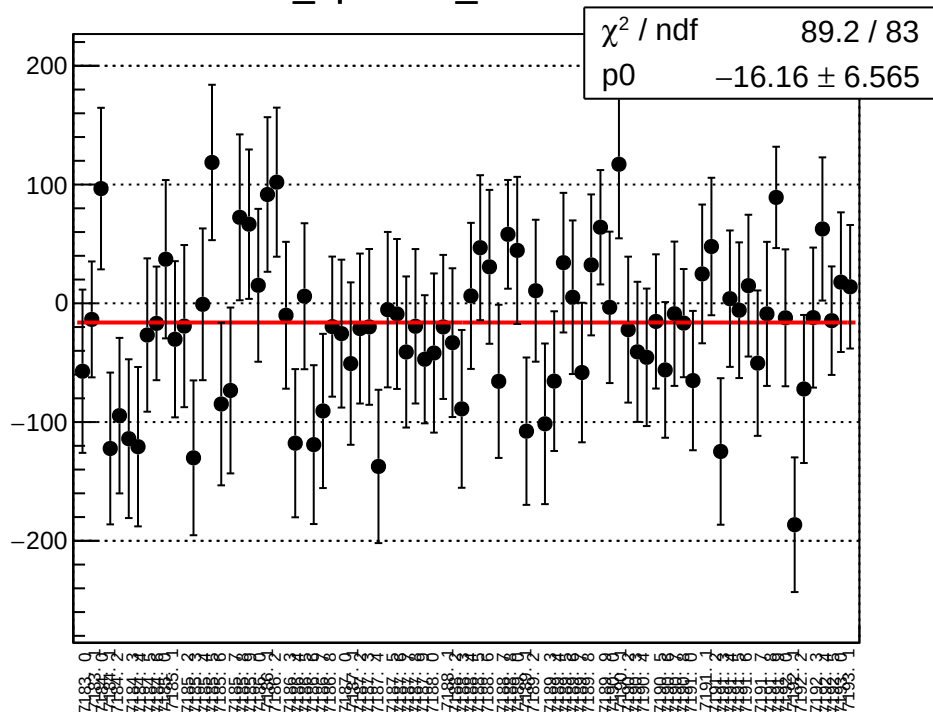
diff_bpm4eX_mean vs run



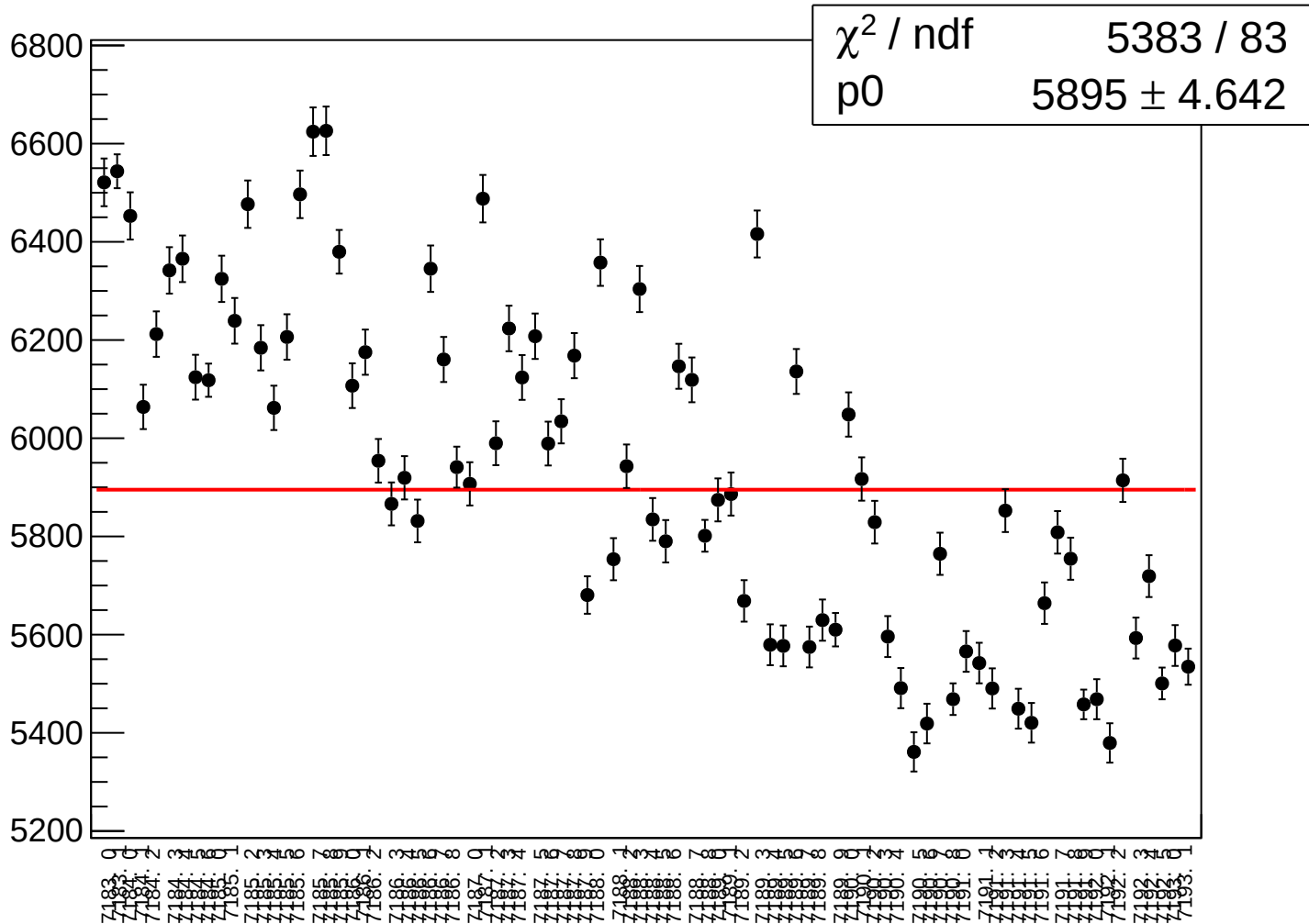
diff_bpm4eX_rms vs run



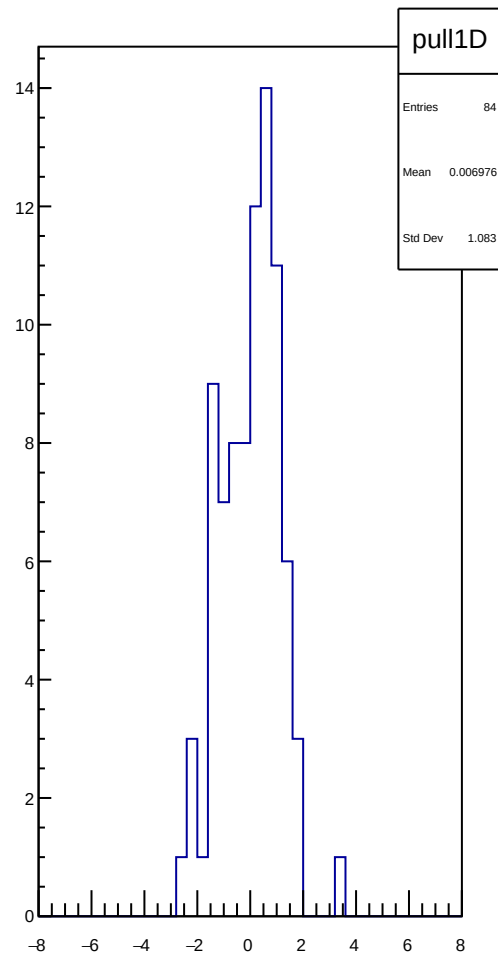
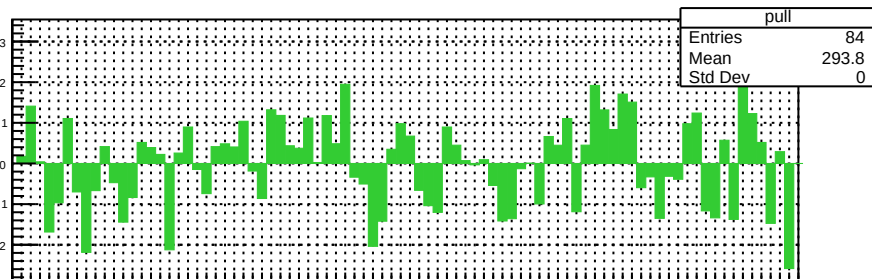
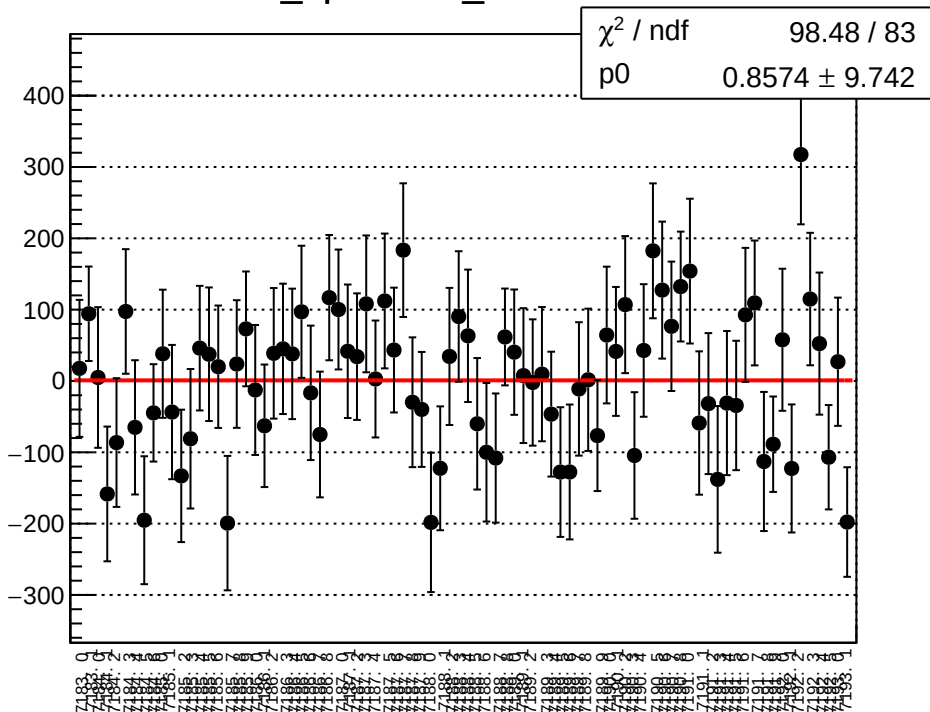
diff_bpm4eY_mean vs run



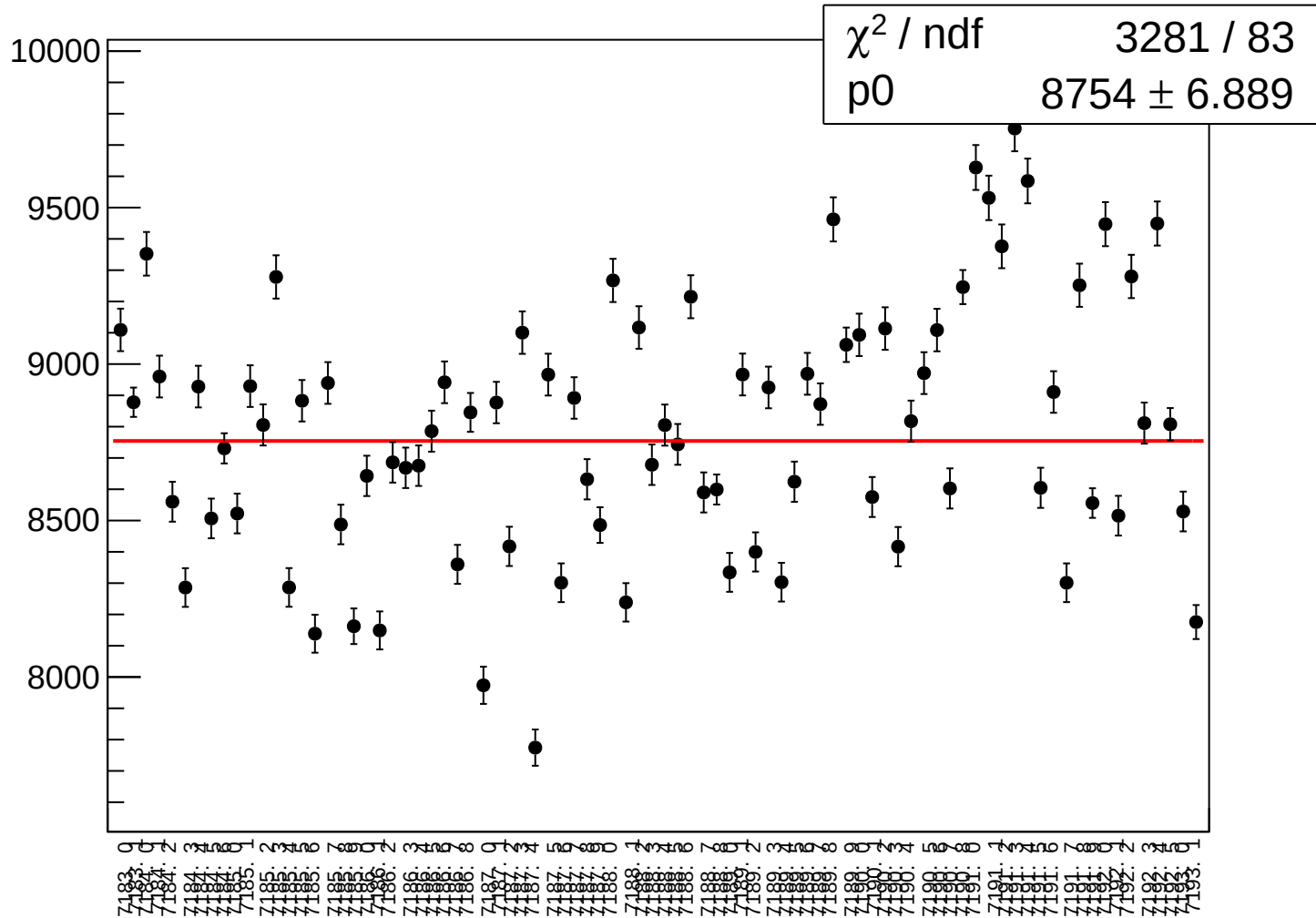
diff_bpm4eY_rms vs run



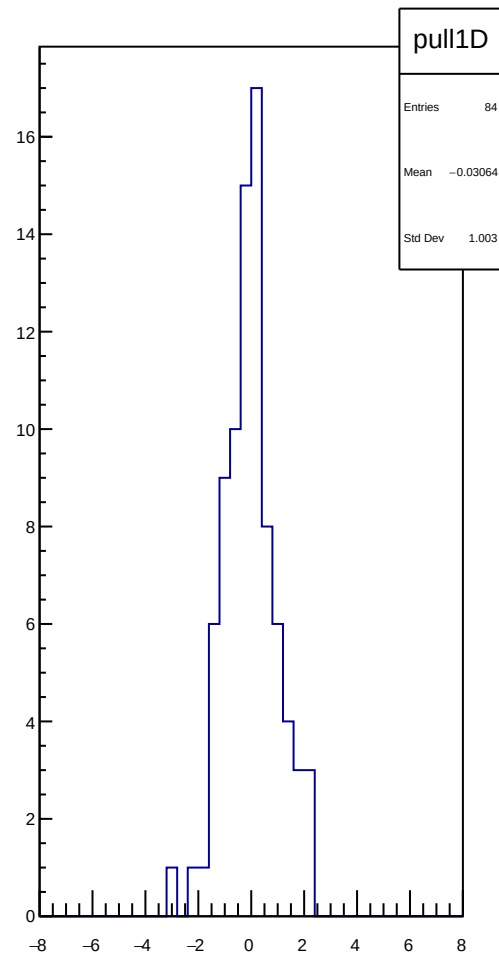
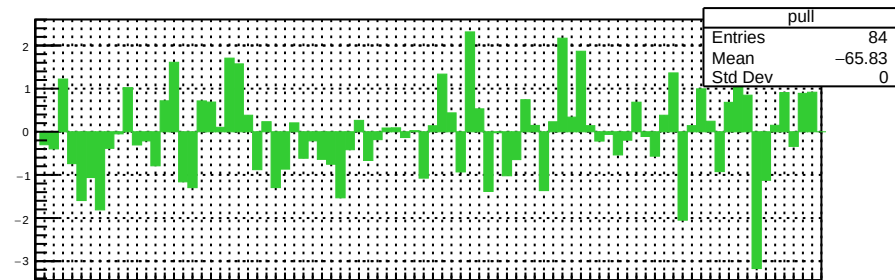
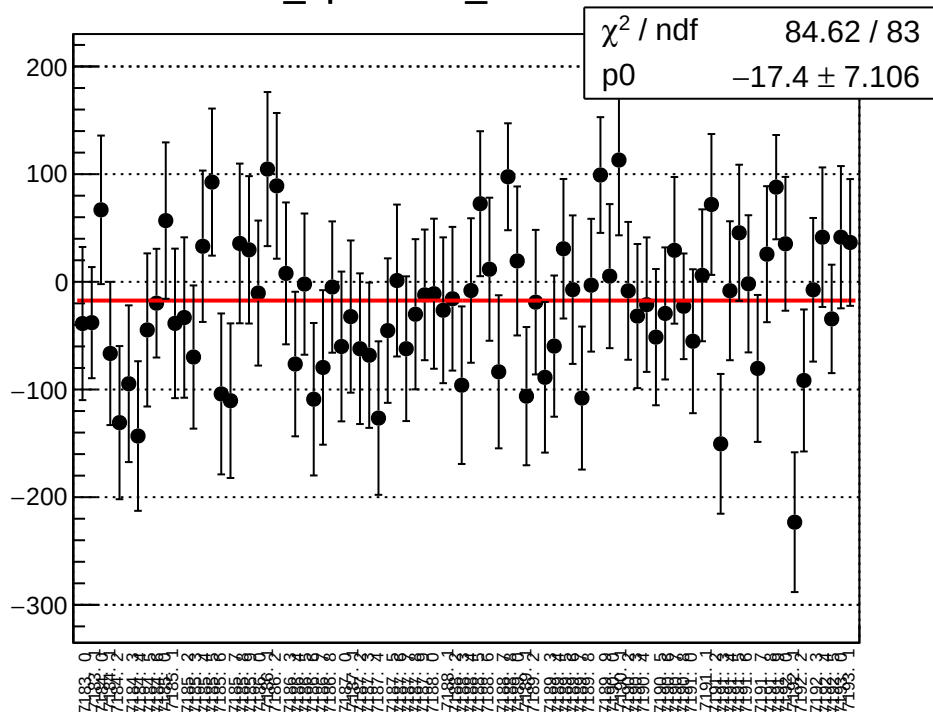
diff_bpm4acX_mean vs run



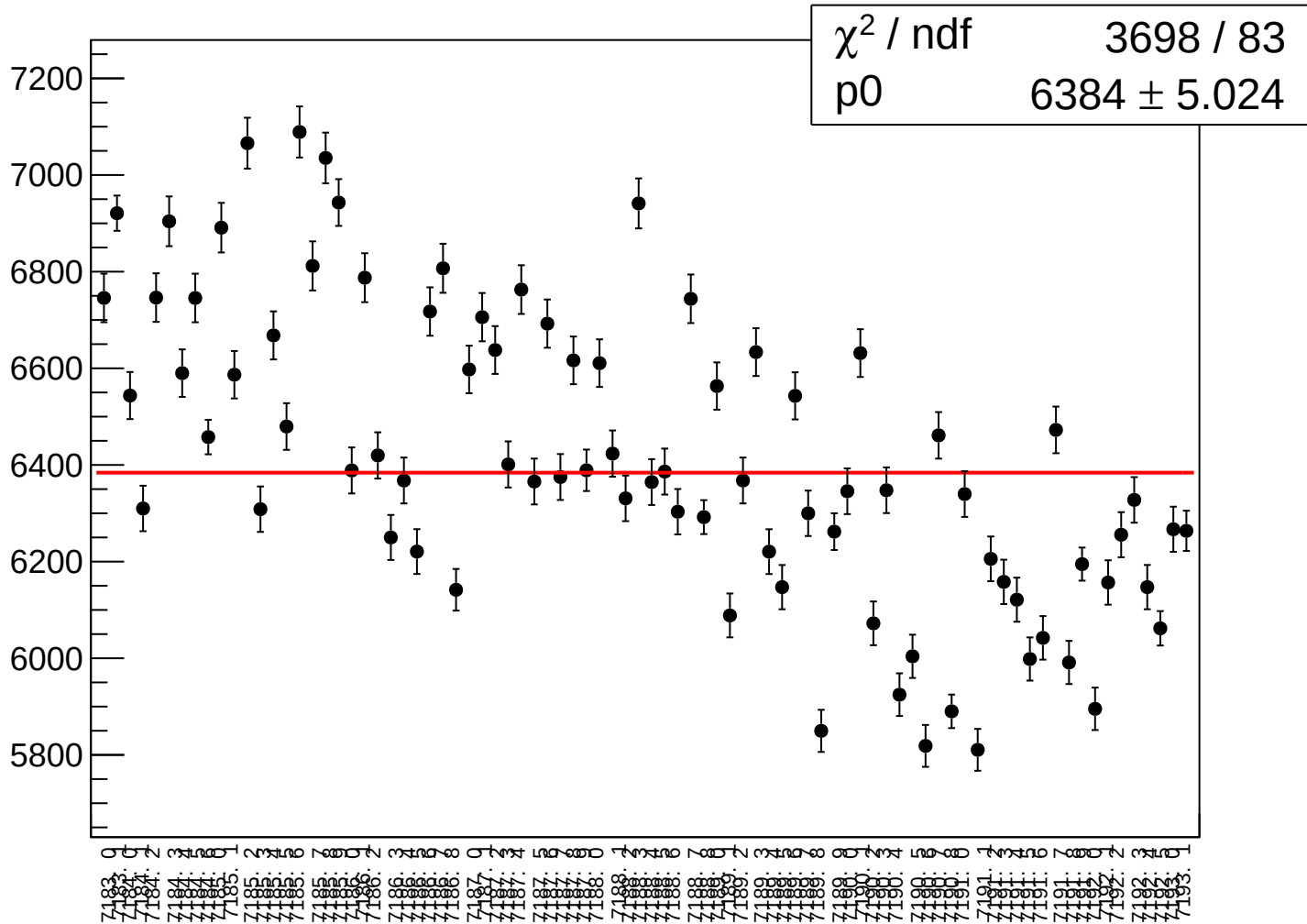
diff_bpm4acX_rms vs run



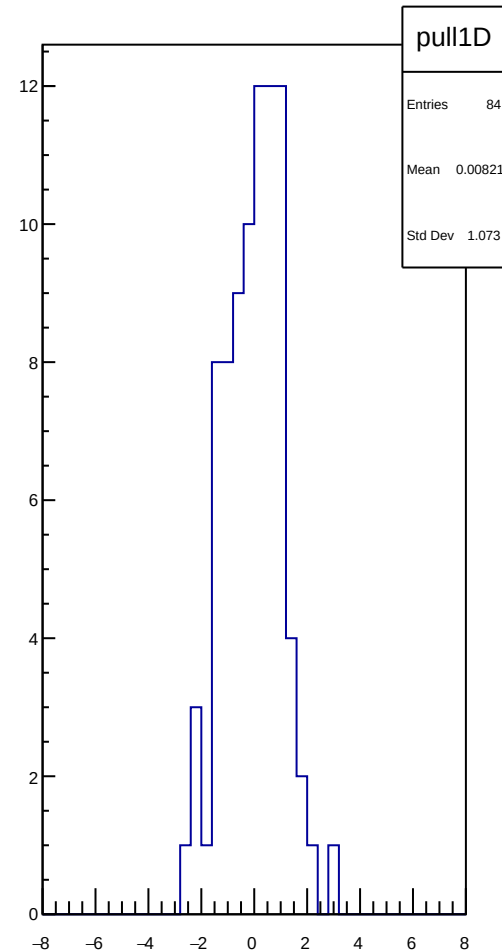
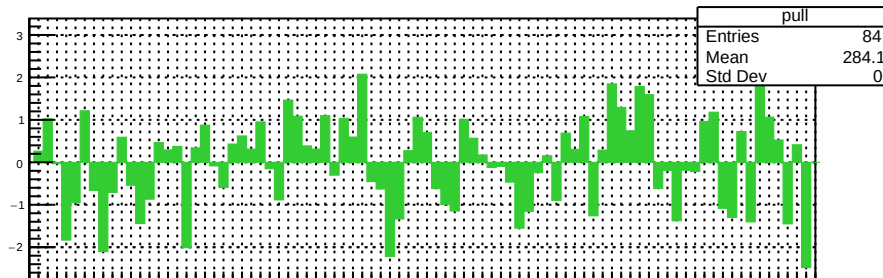
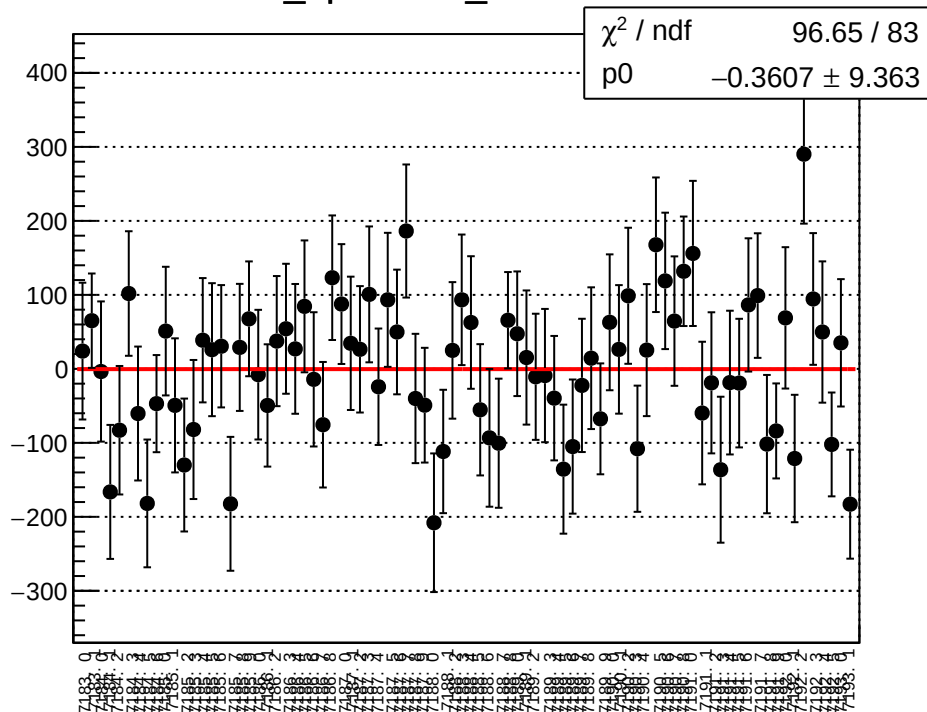
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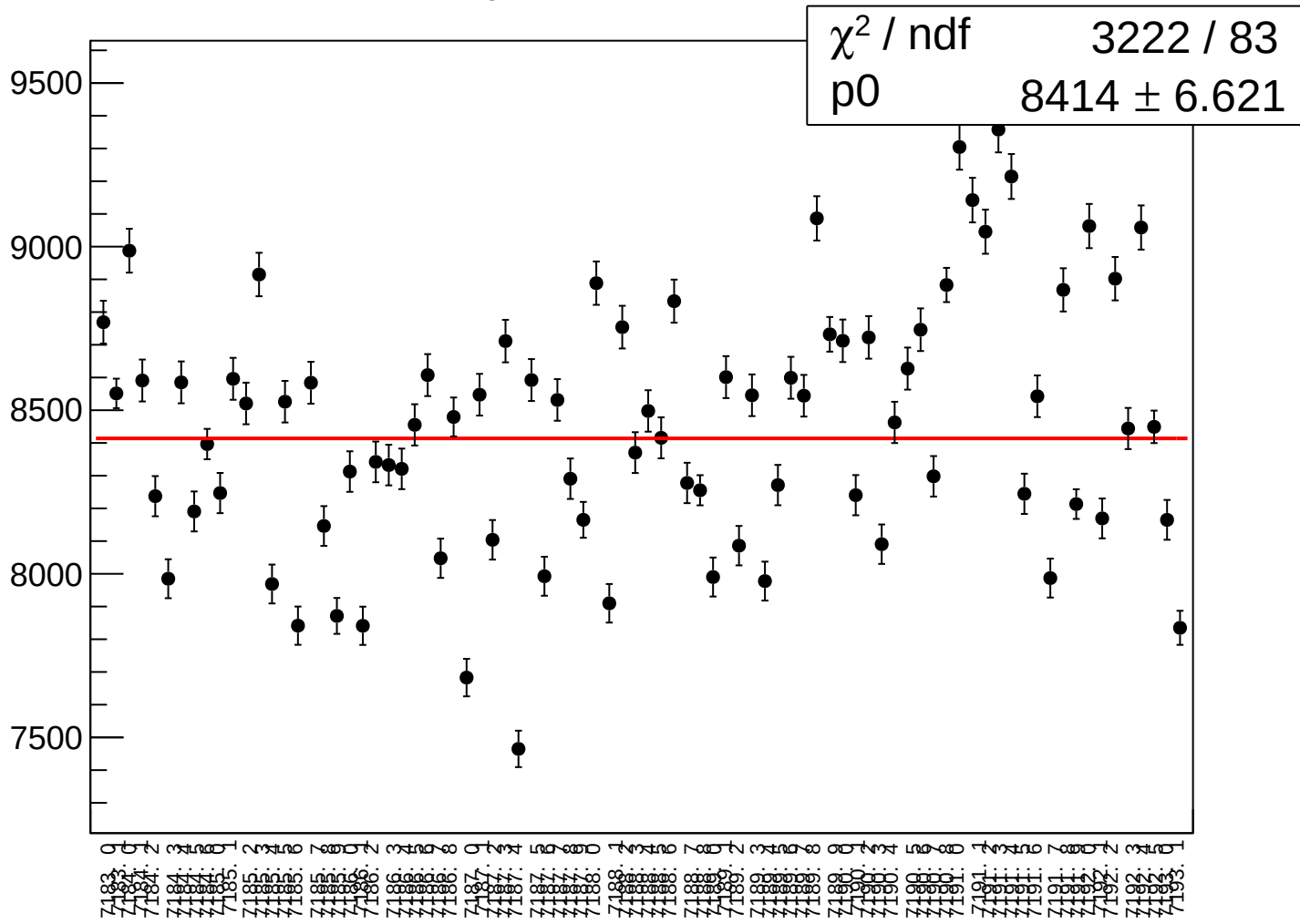
diff_bpm4acY_rms vs run



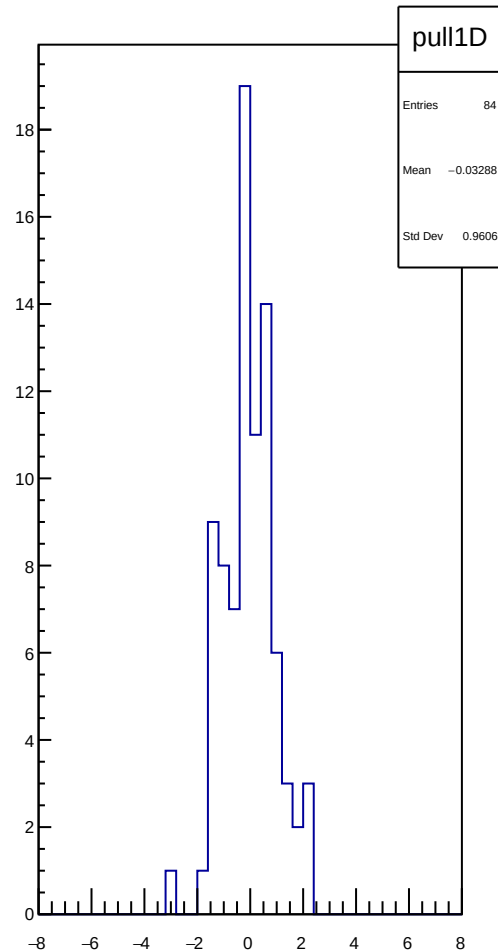
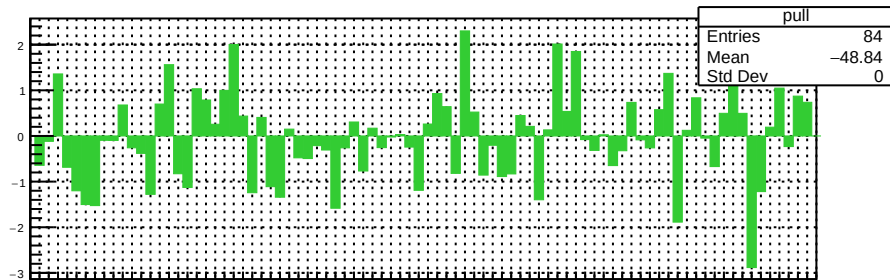
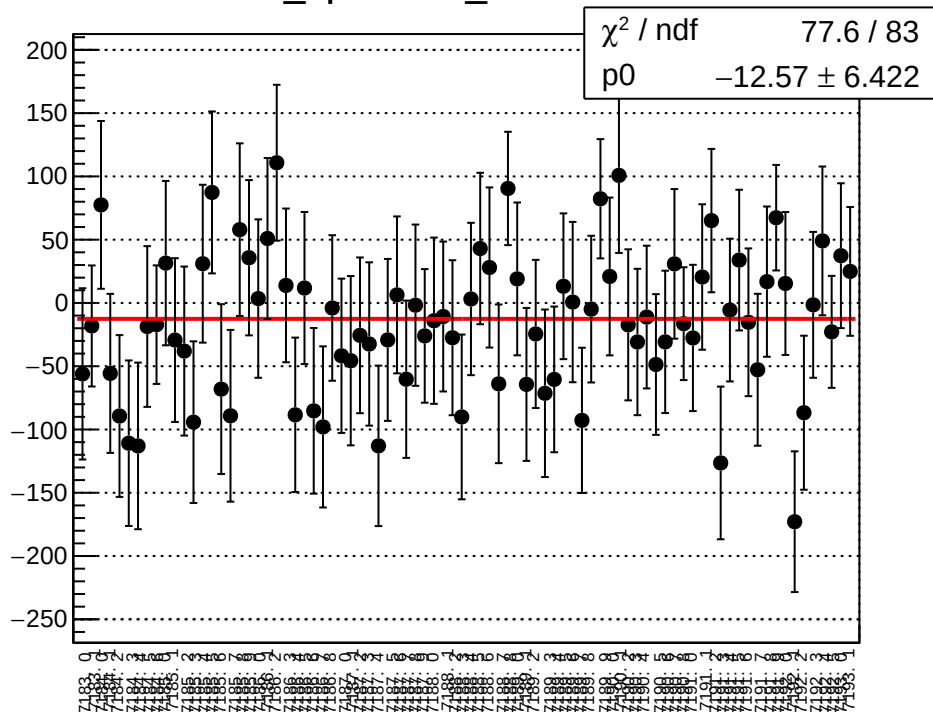
diff_bpm4ecX_mean vs run



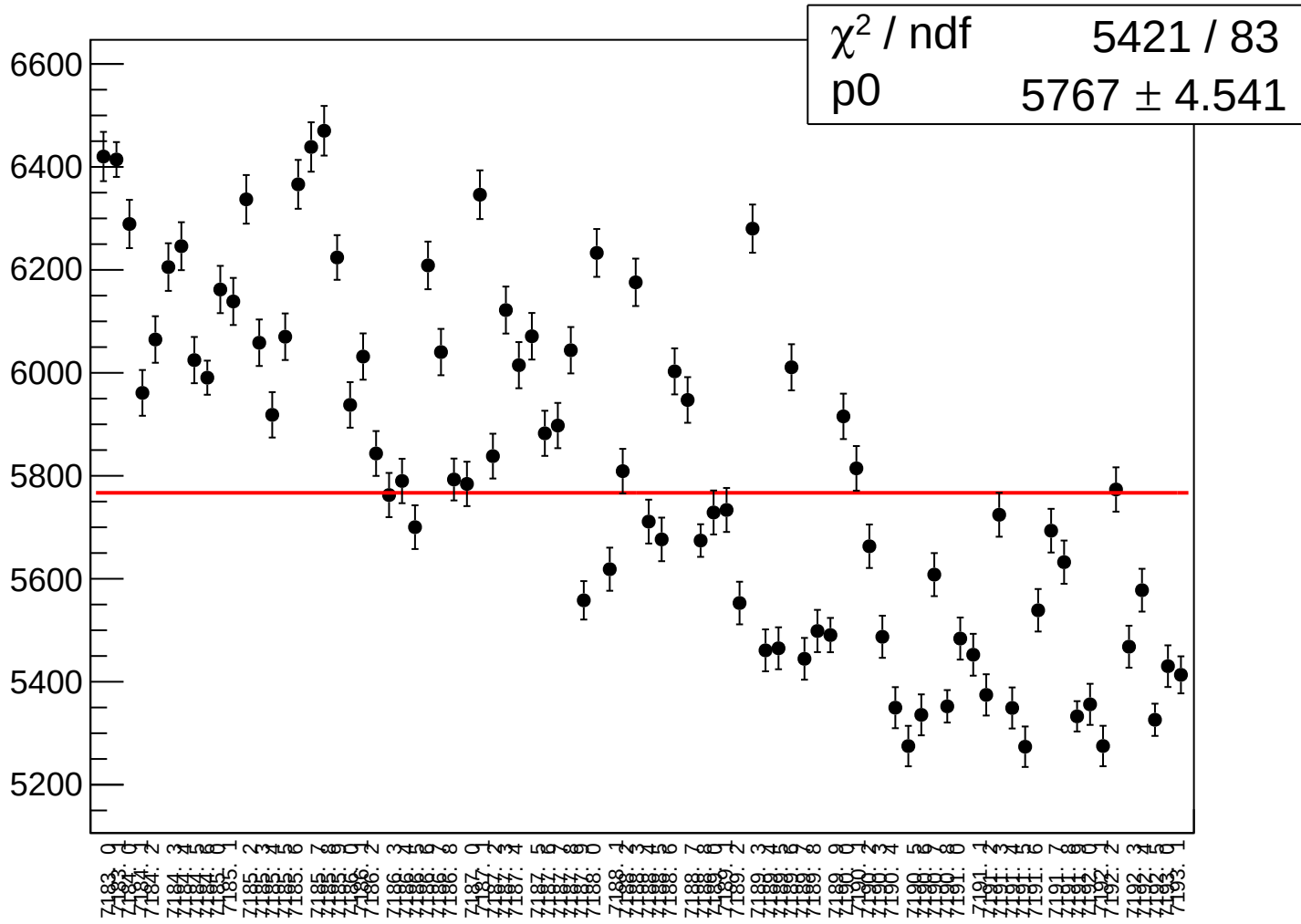
diff_bpm4ecX_rms vs run



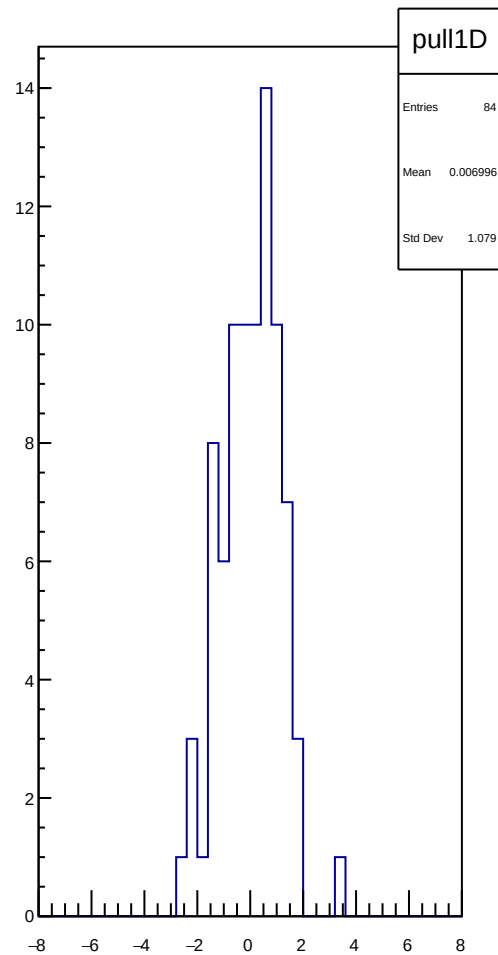
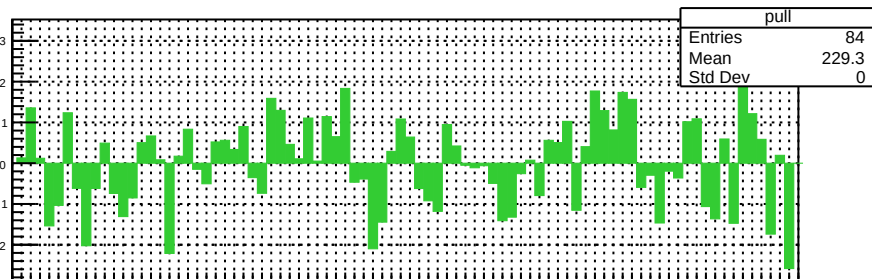
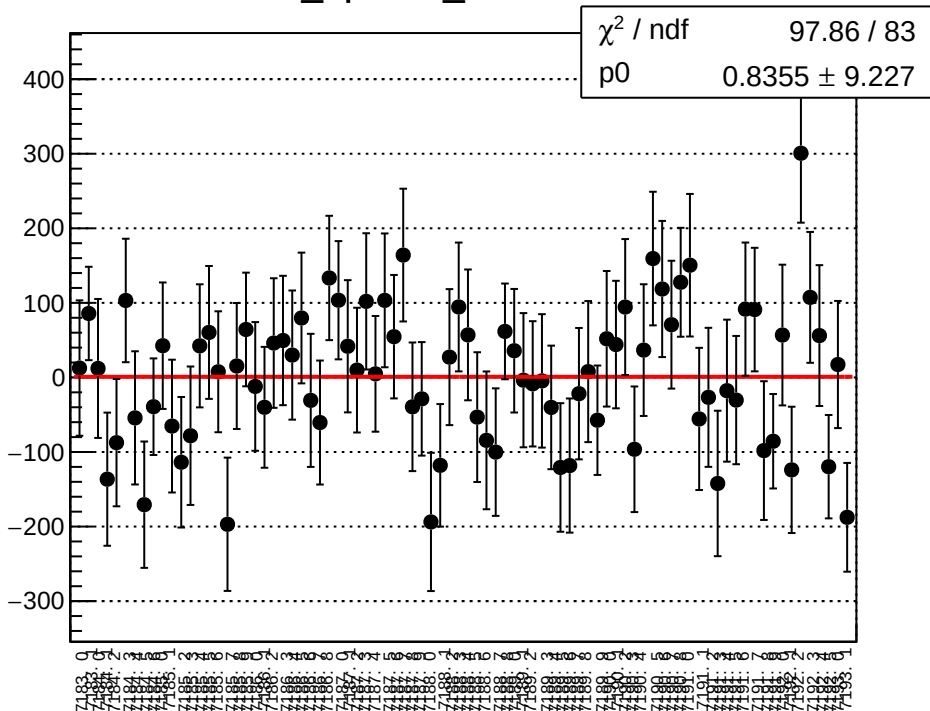
diff_bpm4ecY_mean vs run



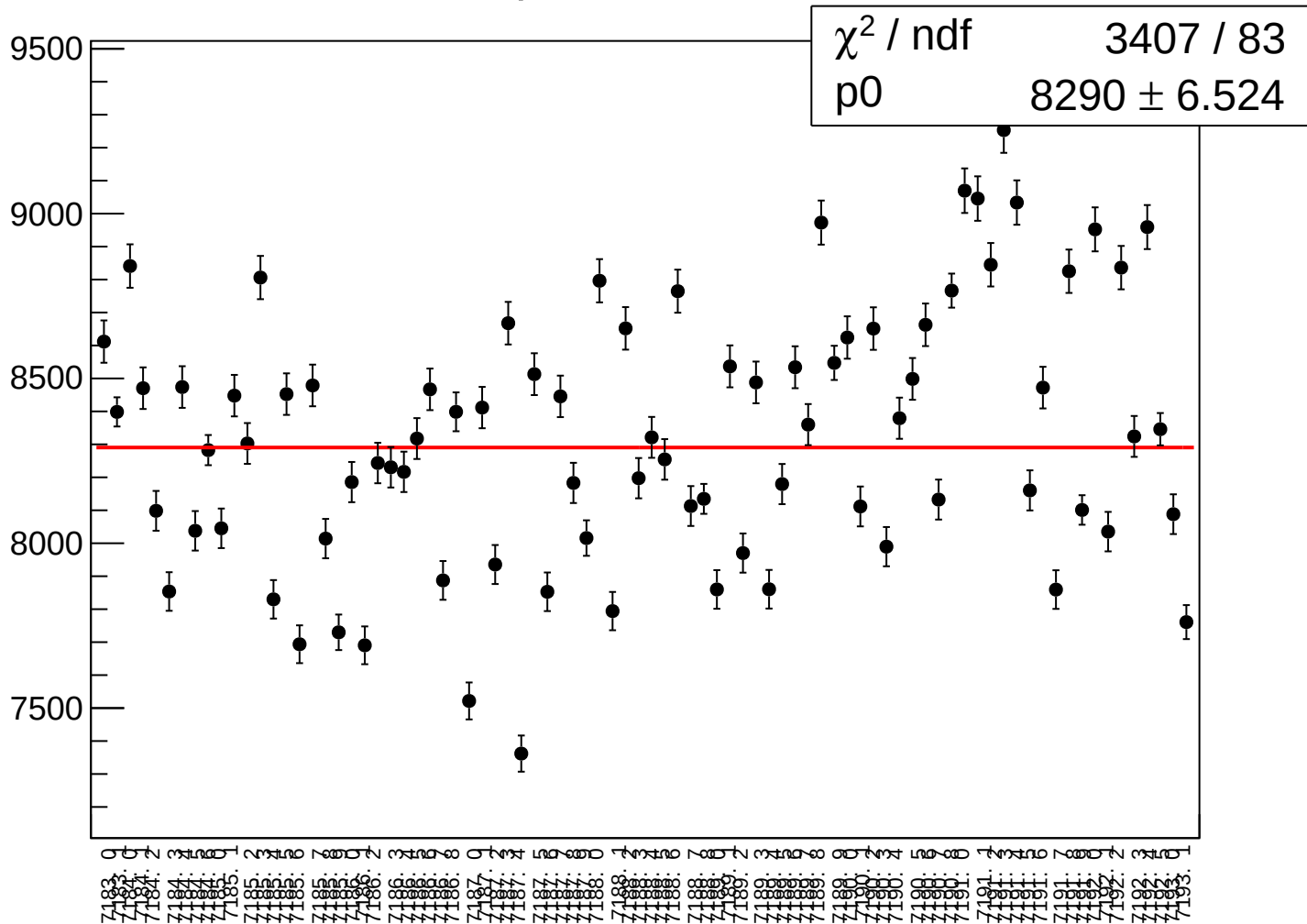
diff_bpm4ecY_rms vs run



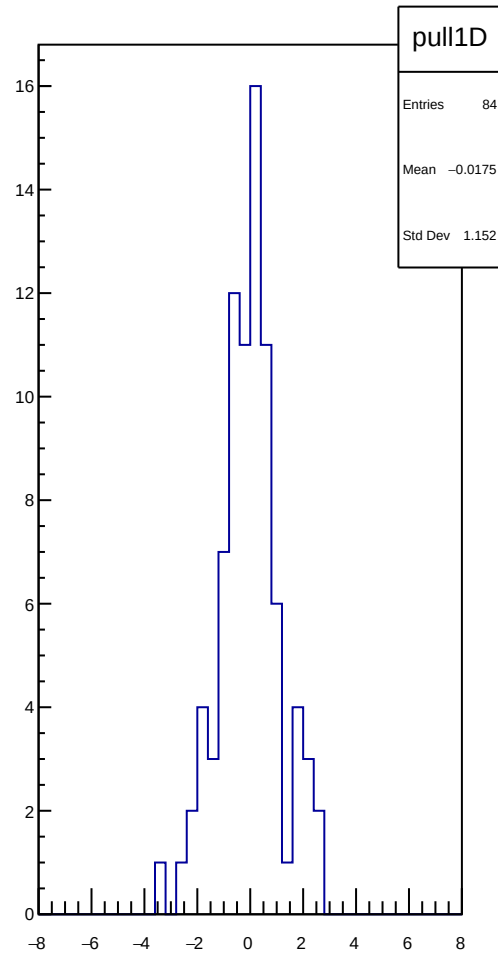
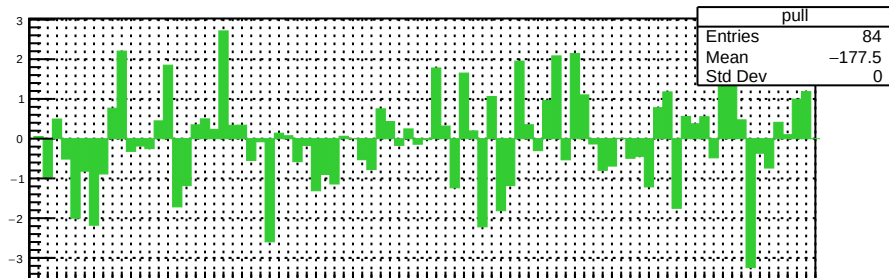
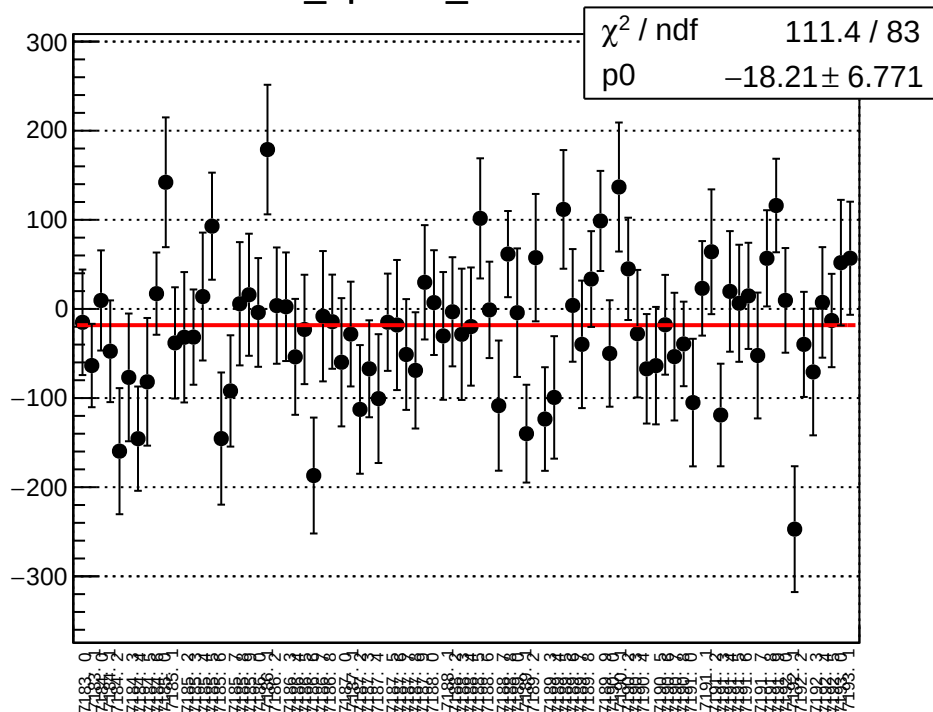
diff_bpm1X_mean vs run



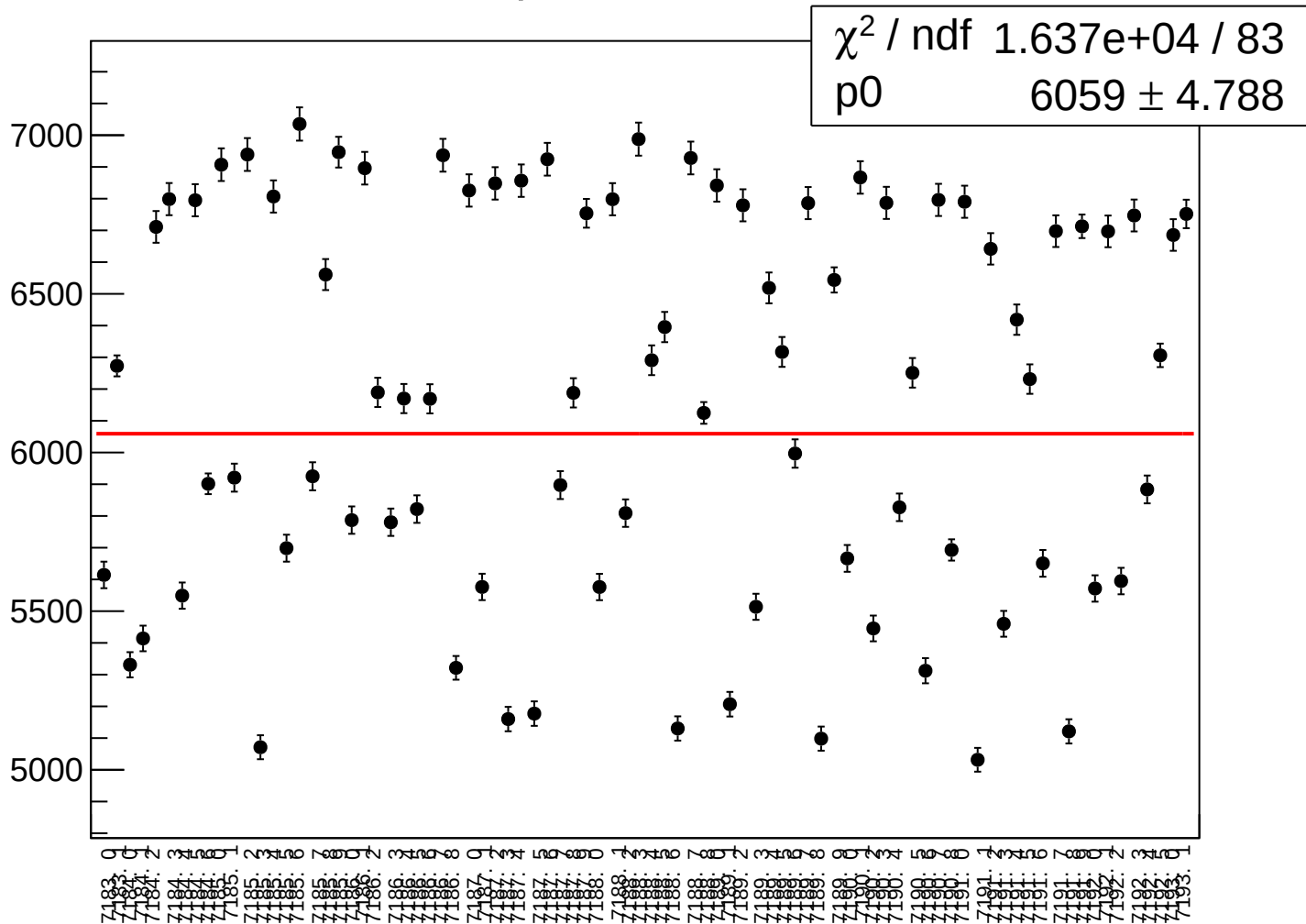
diff_bpm1X_rms vs run



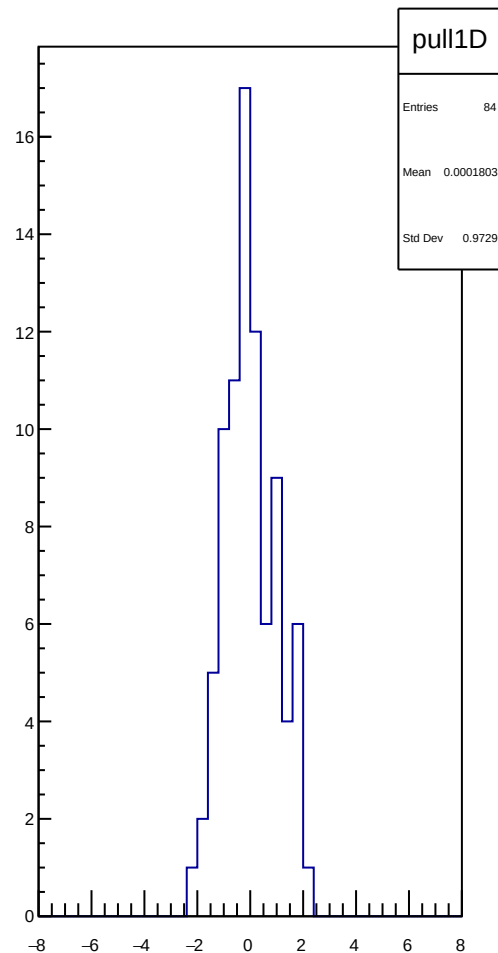
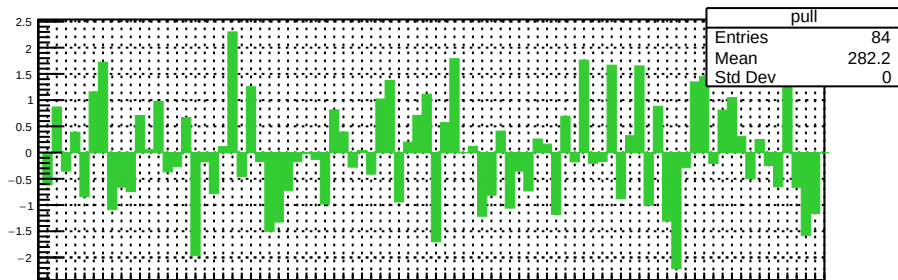
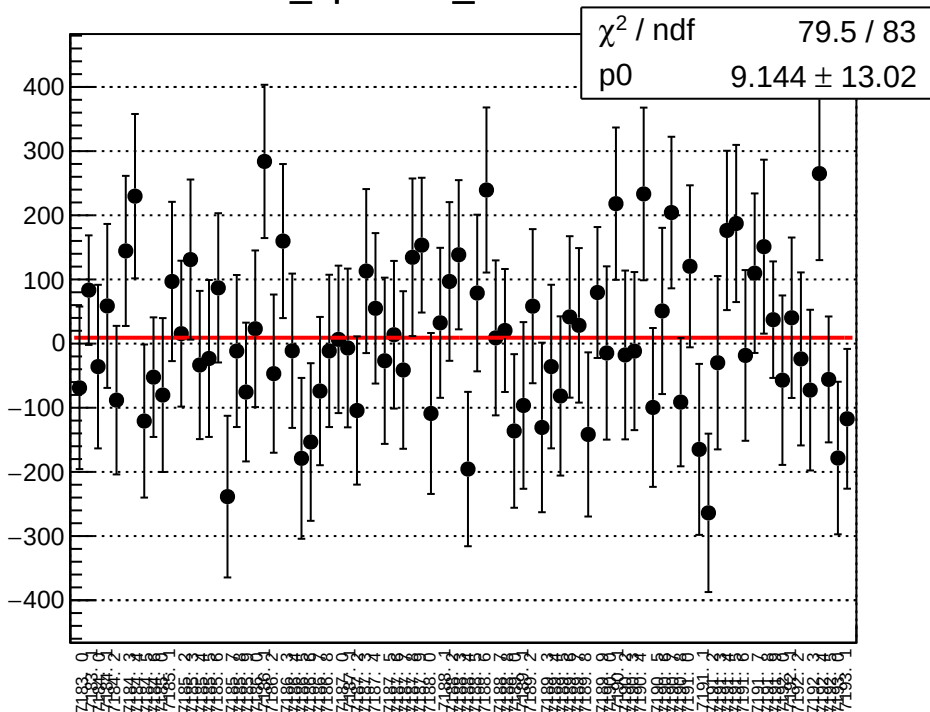
diff_bpm1Y_mean vs run



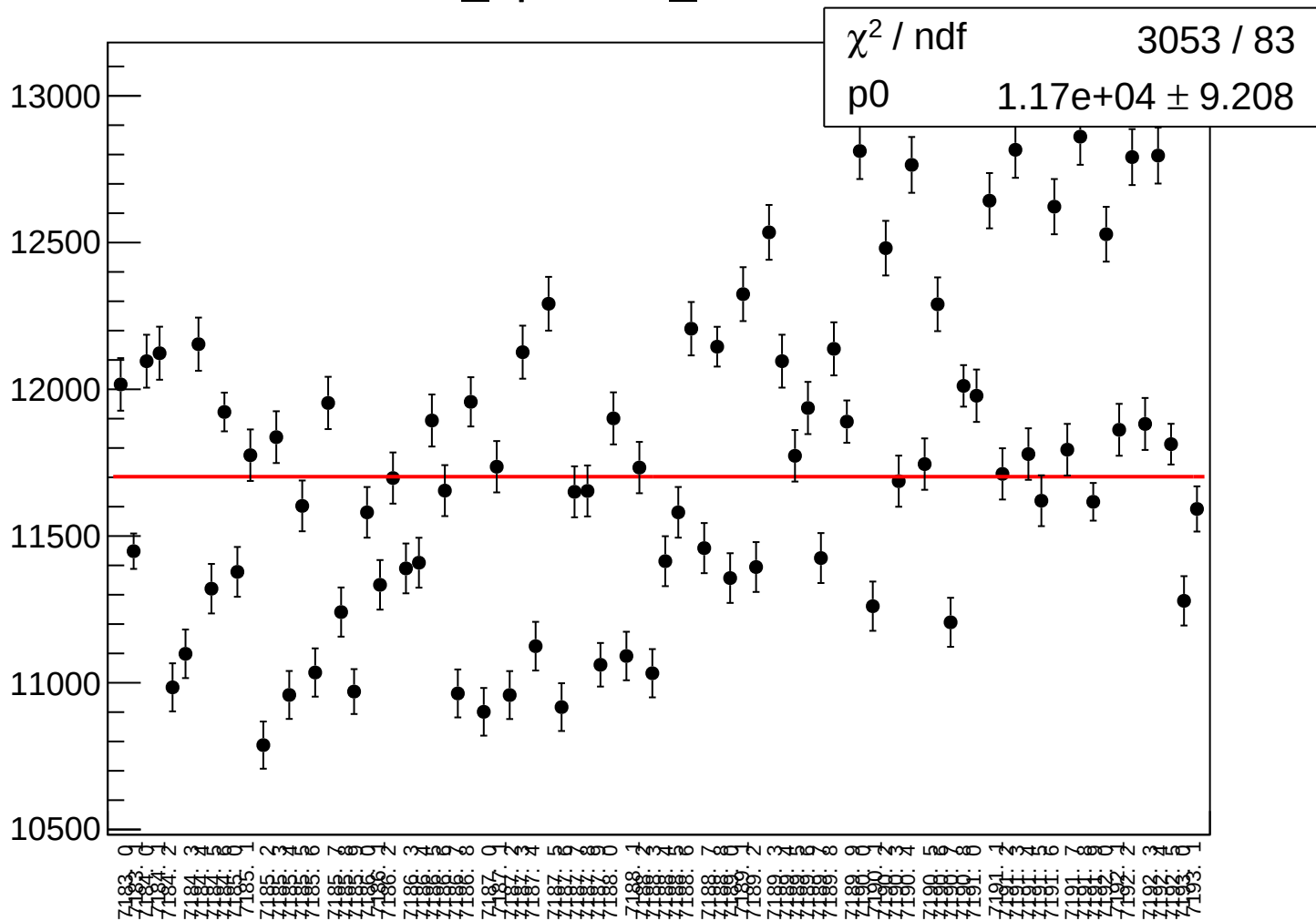
diff_bpm1Y_rms vs run



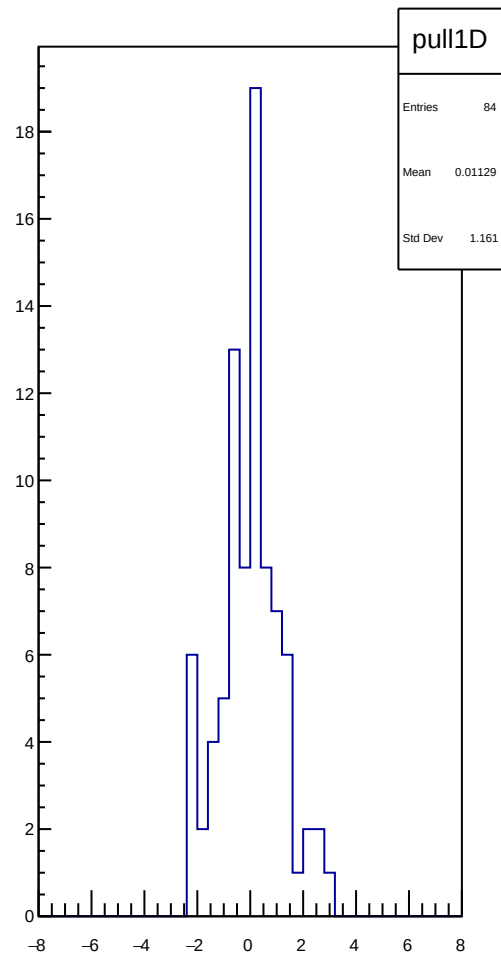
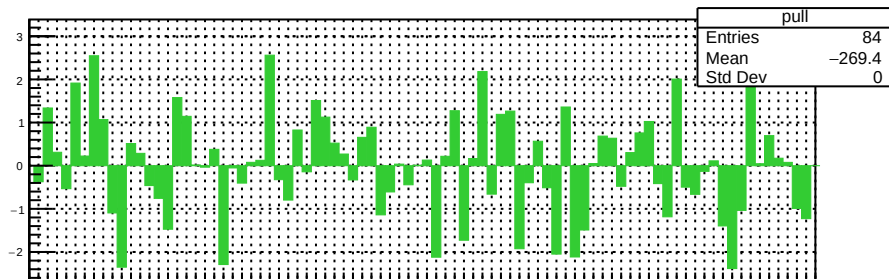
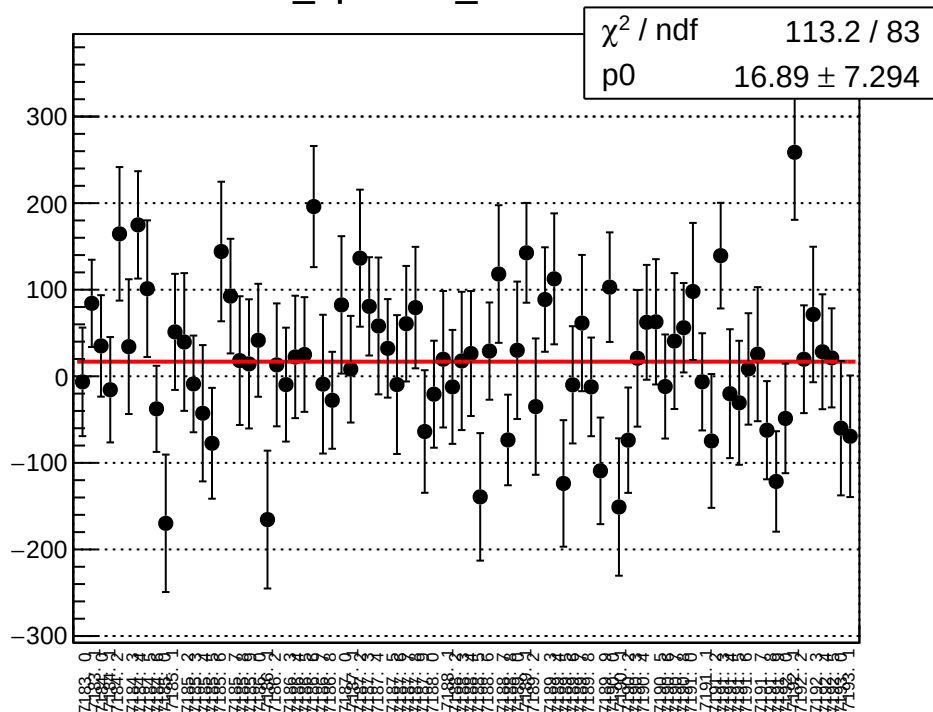
diff_bpm11X_mean vs run



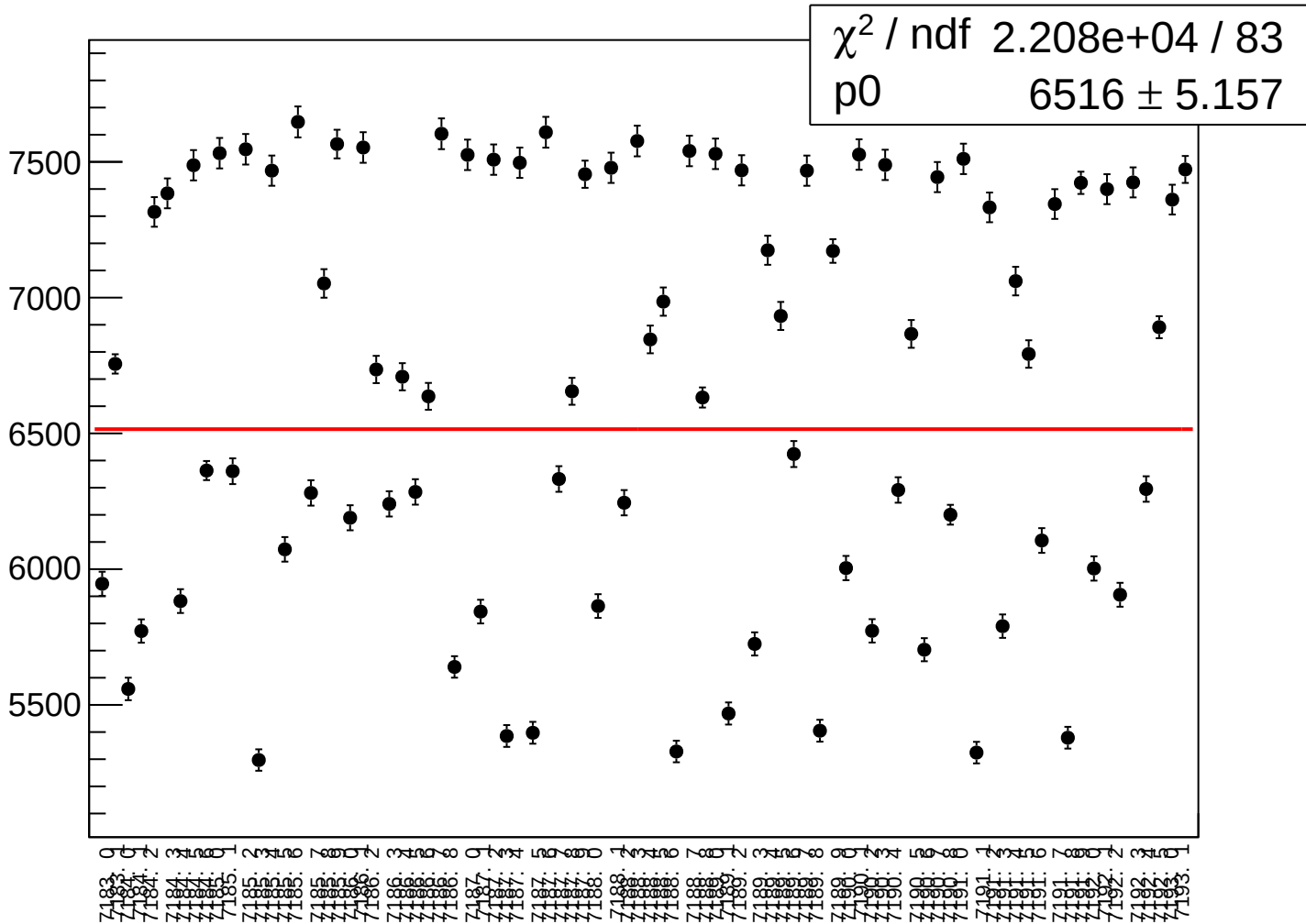
diff_bpm11X_rms vs run



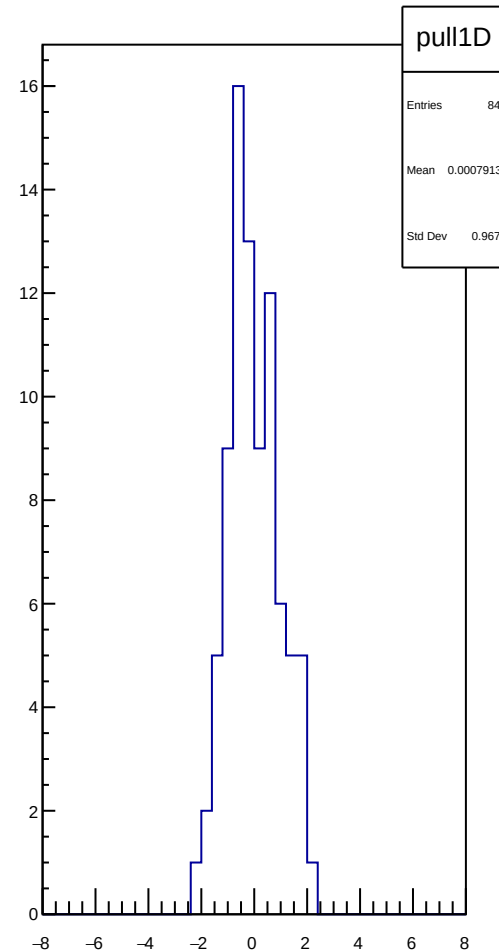
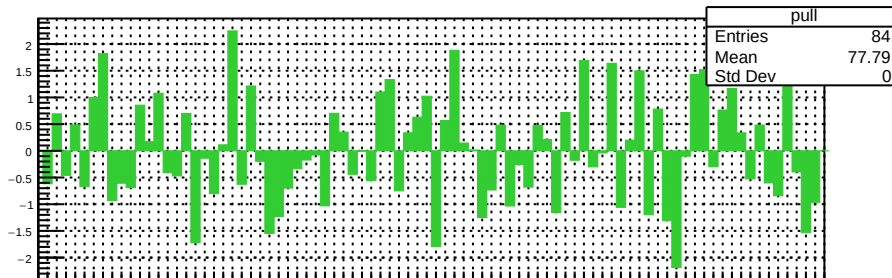
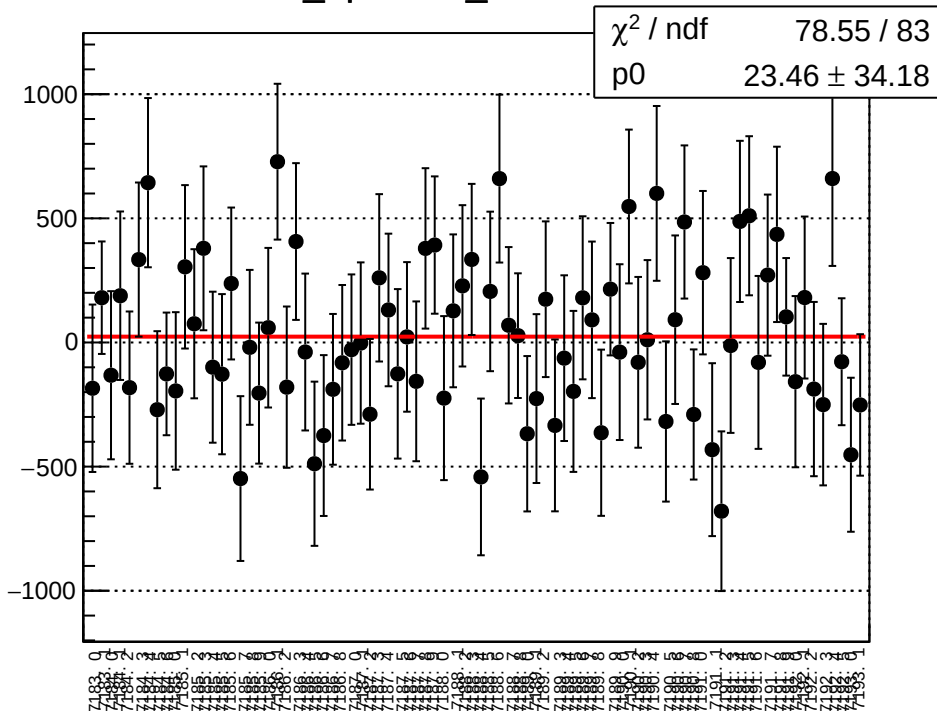
diff_bpm11Y_mean vs run



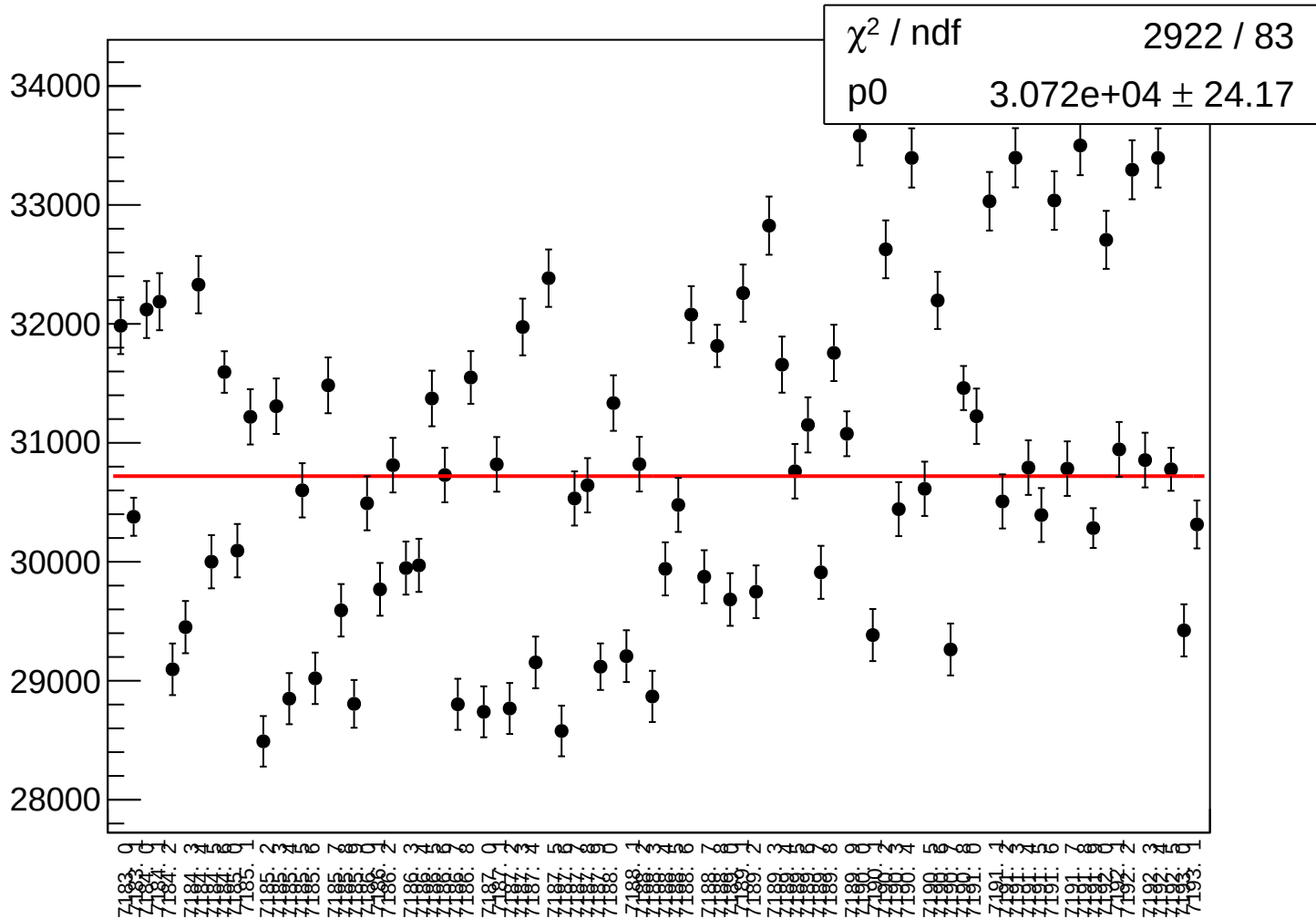
diff_bpm11Y_rms vs run



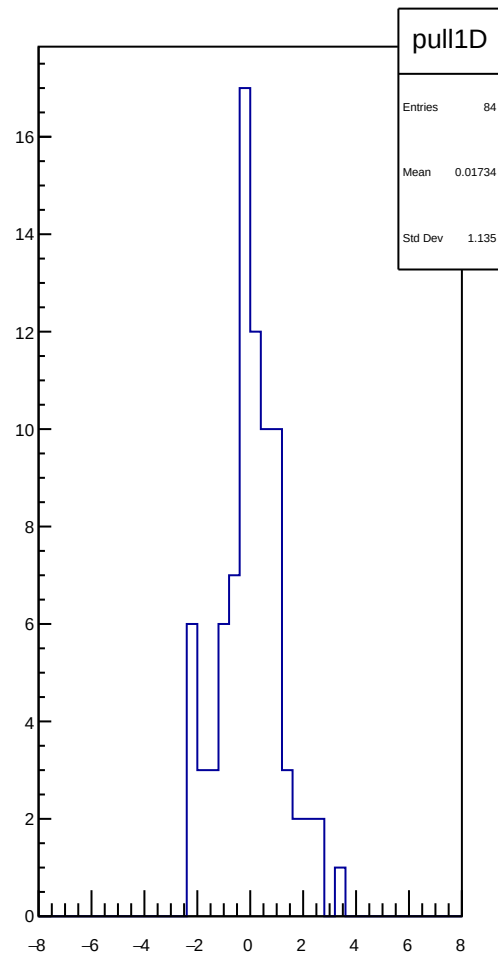
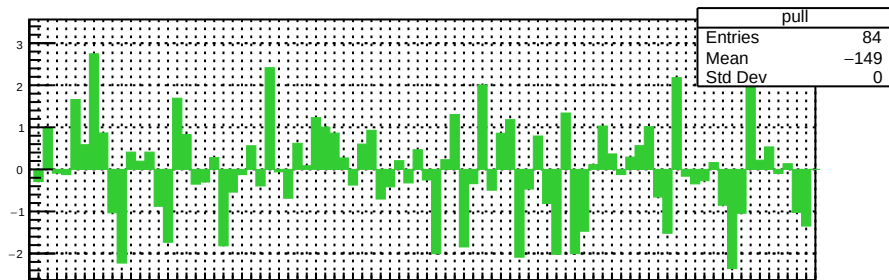
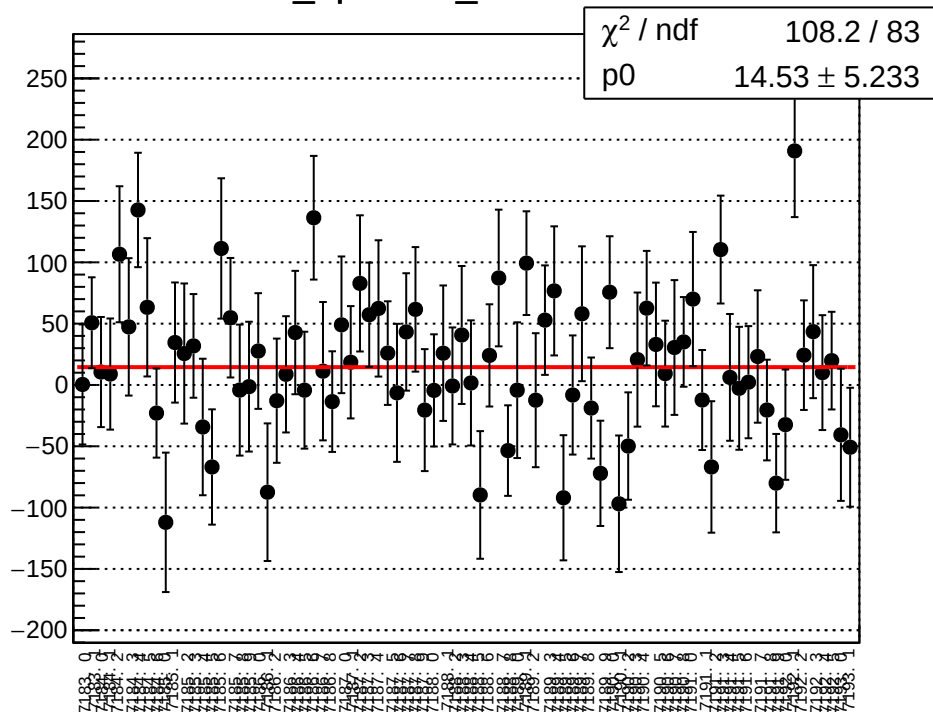
diff_bpm12X_mean vs un



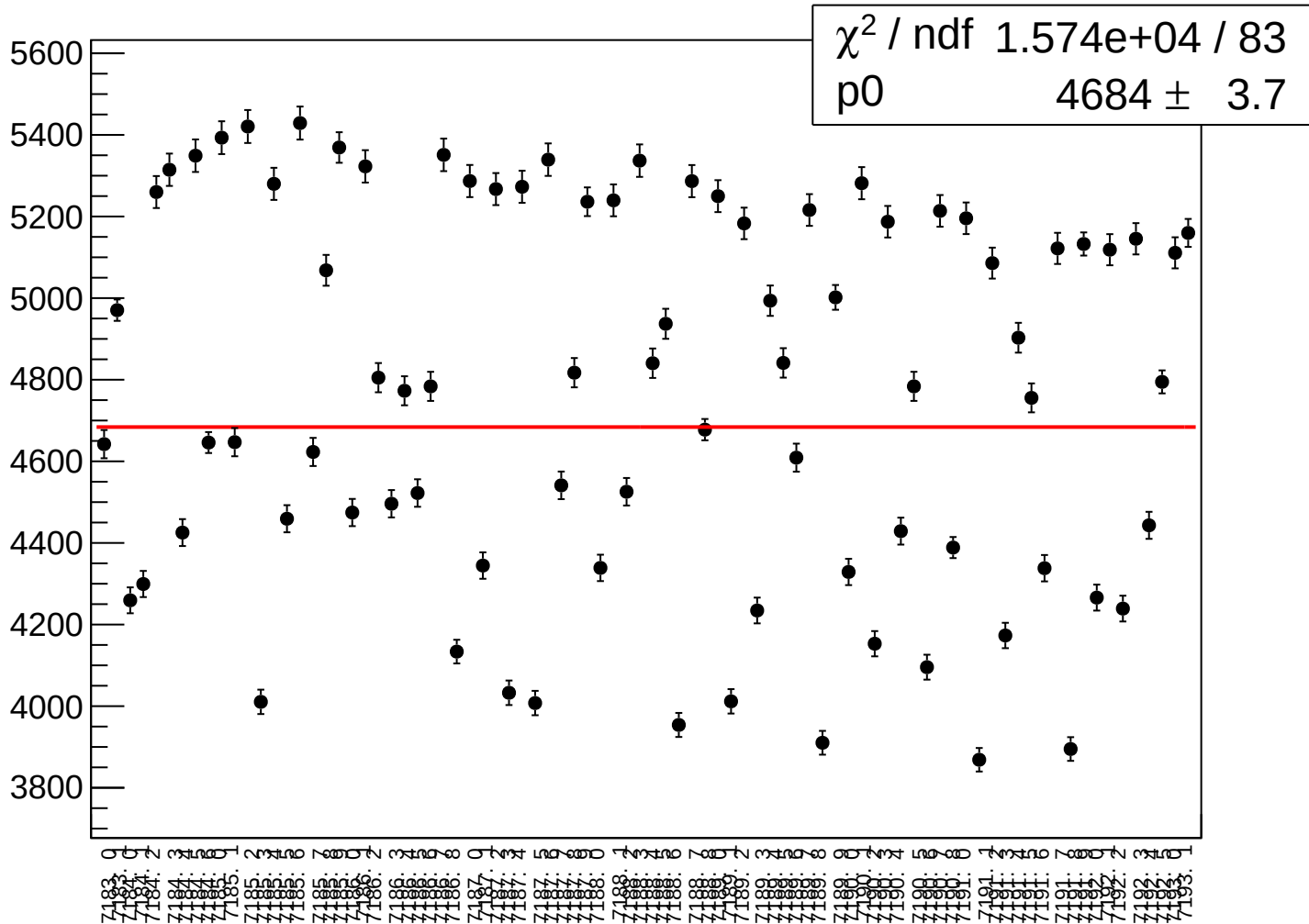
diff_bpm12X_rms vs run



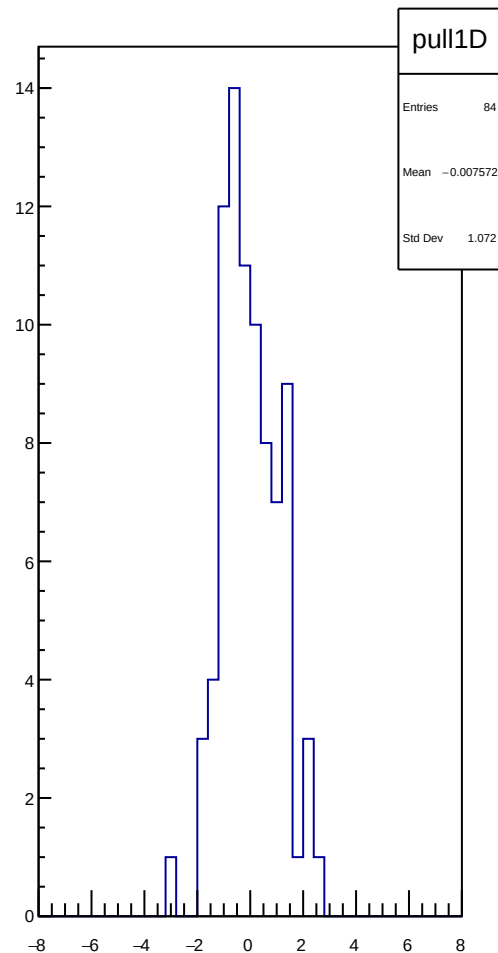
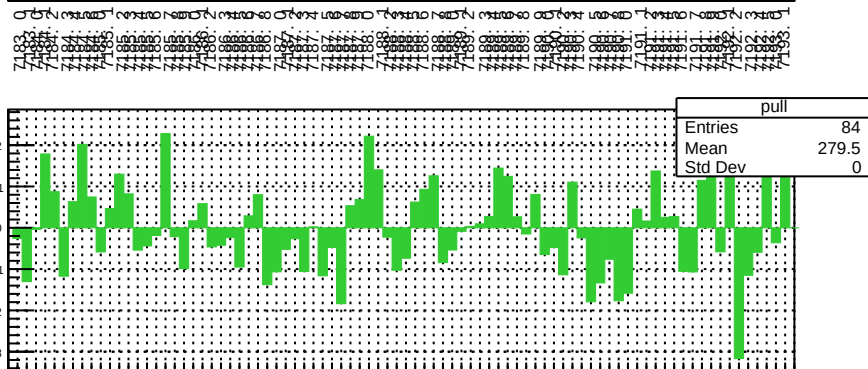
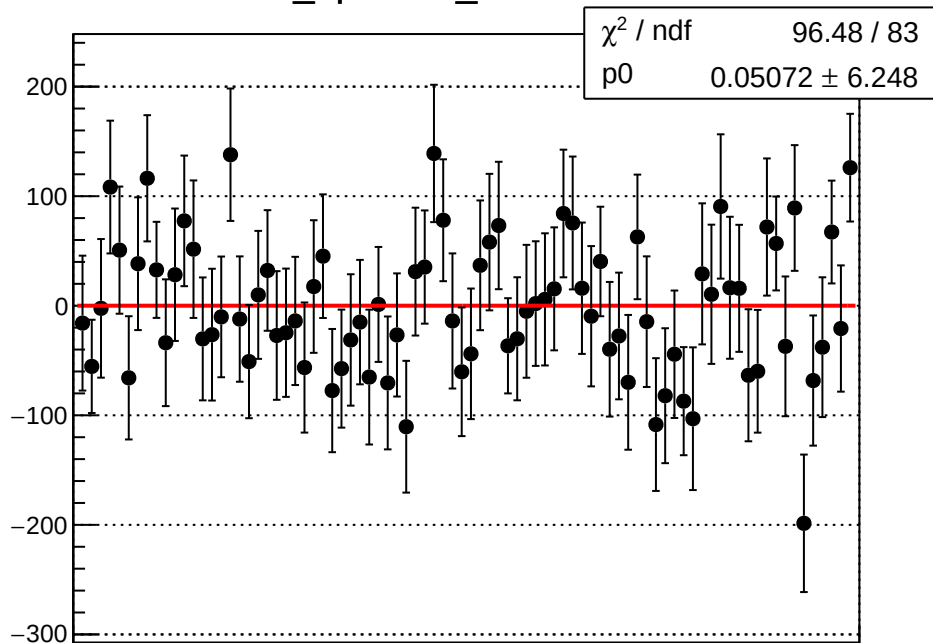
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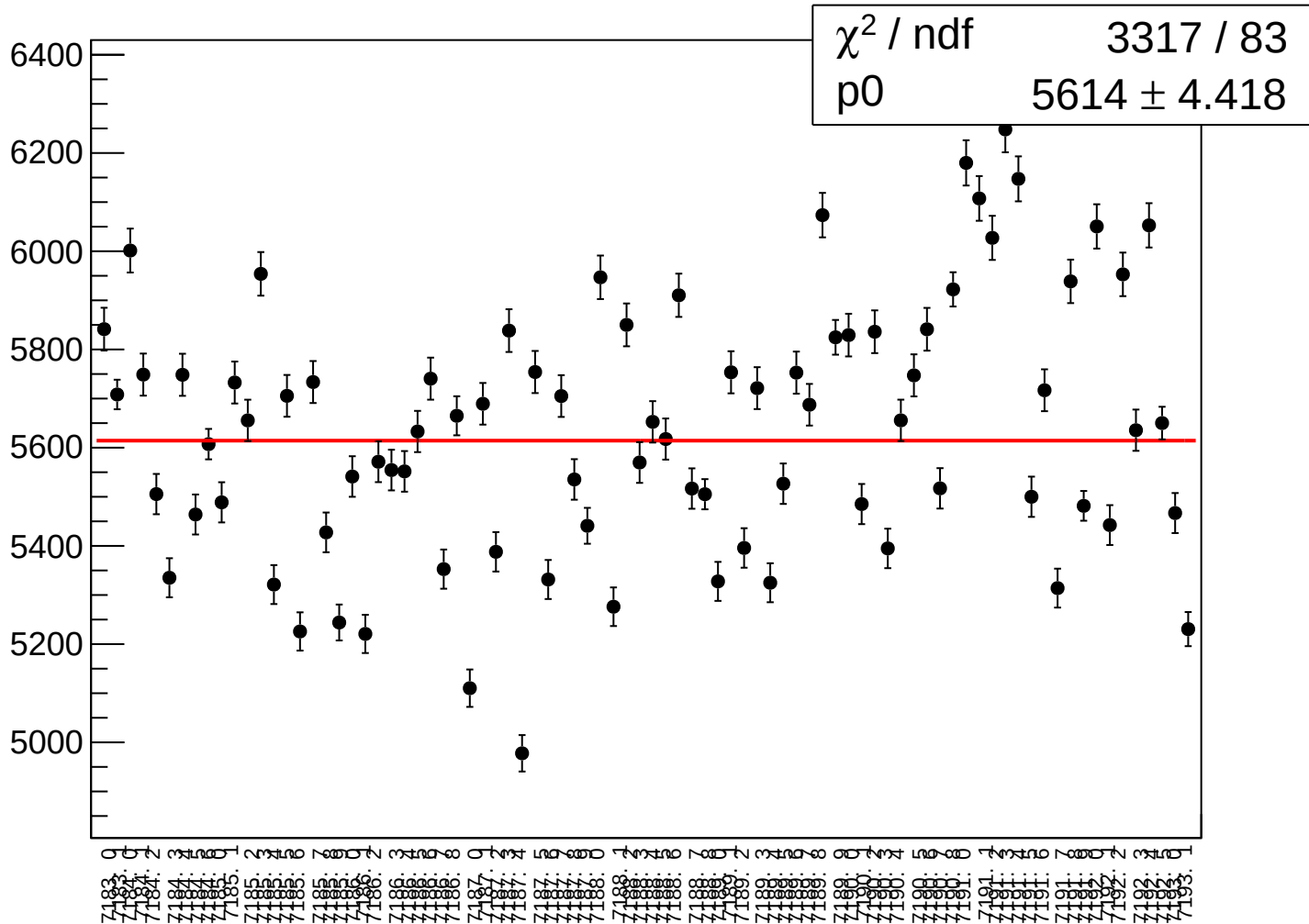
diff_bpm12Y_rms vs run



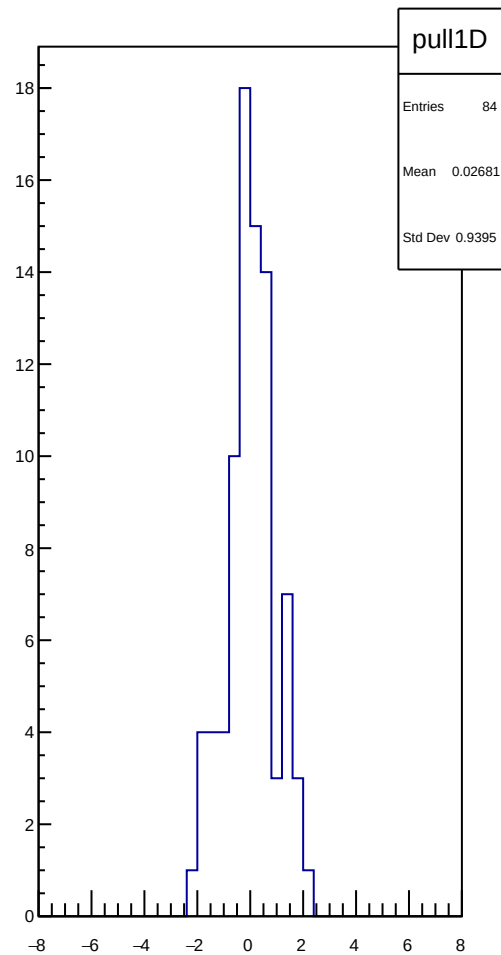
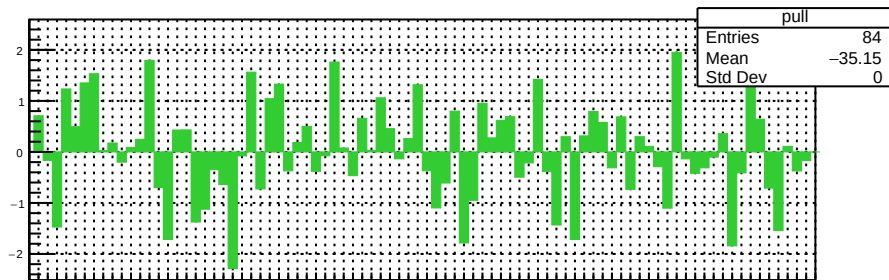
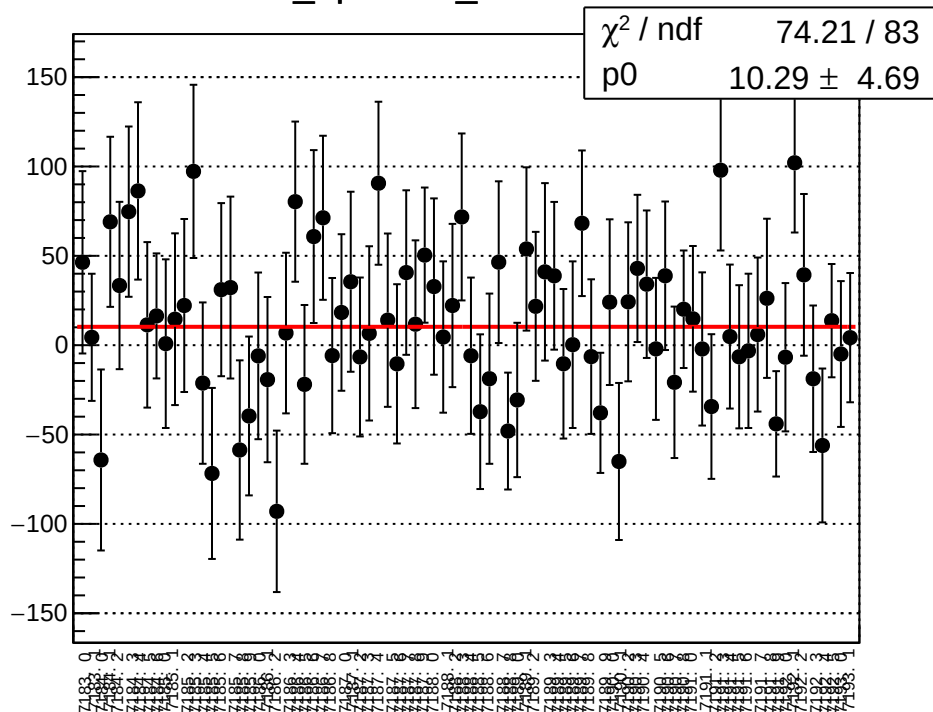
diff_bpm16X_mean vs run



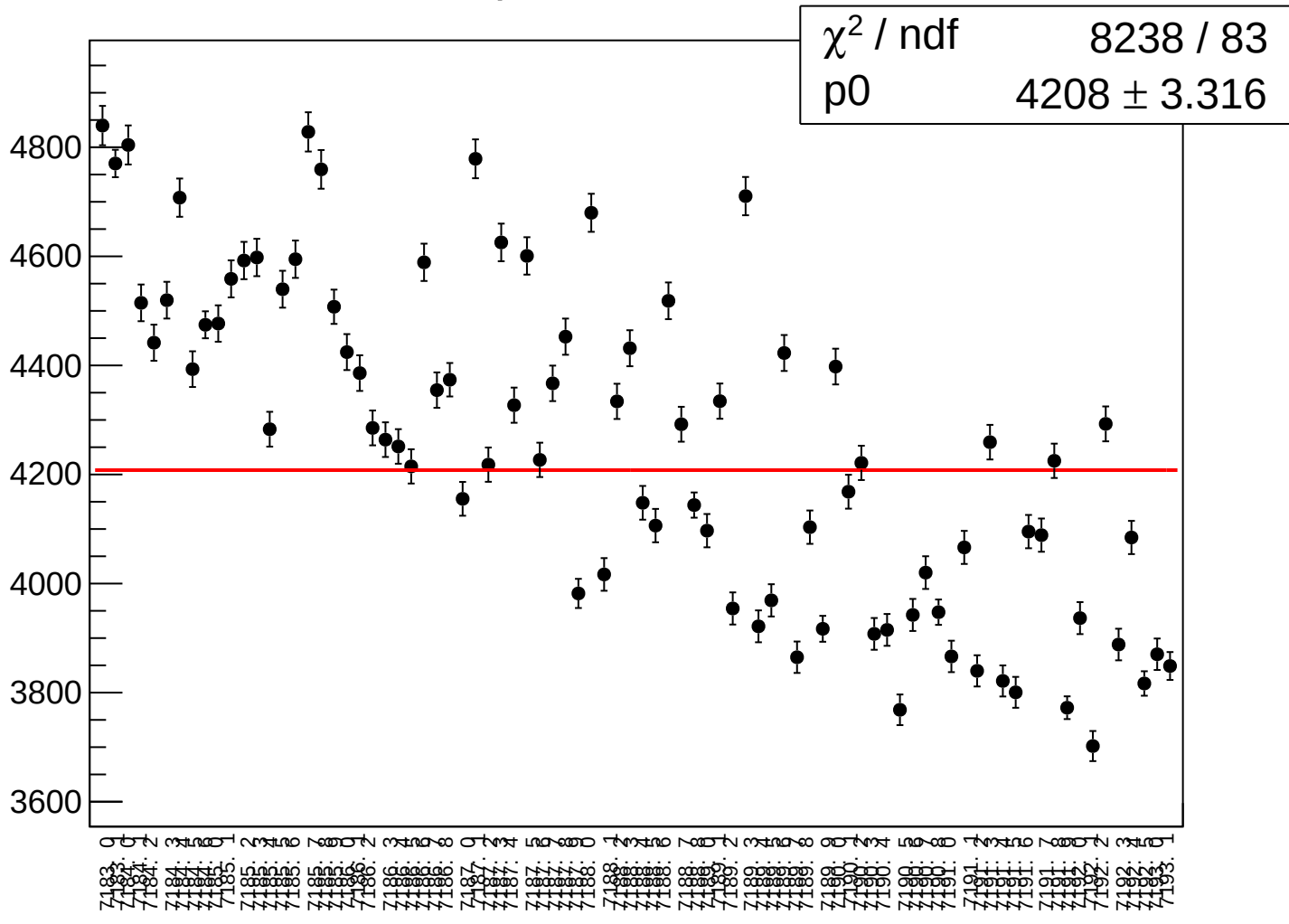
diff_bpm16X_rms vs run



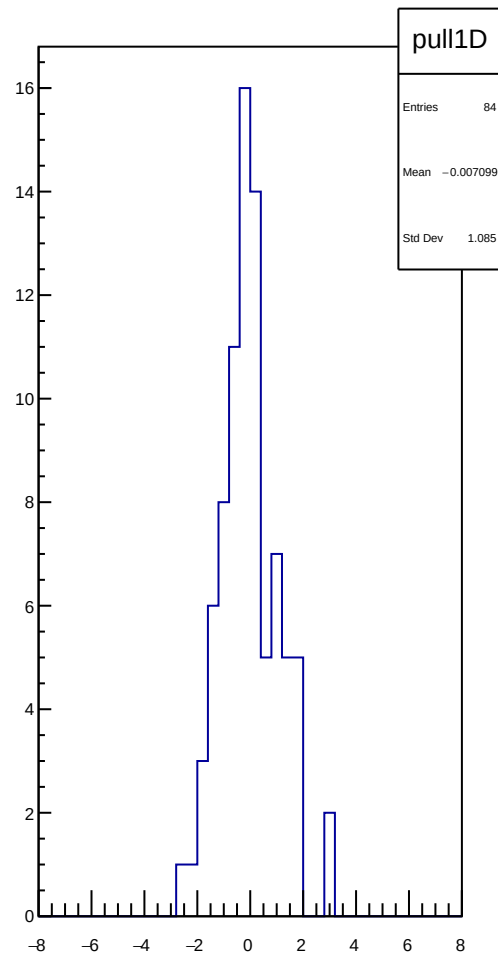
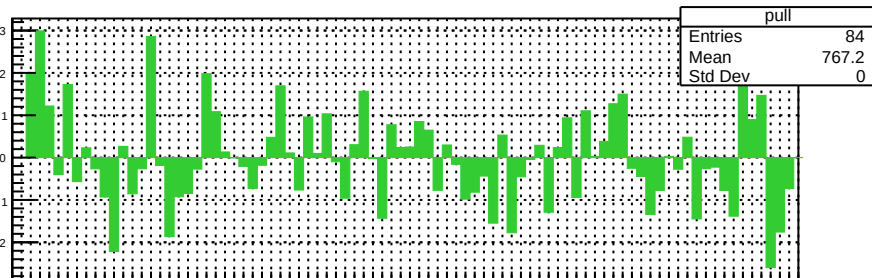
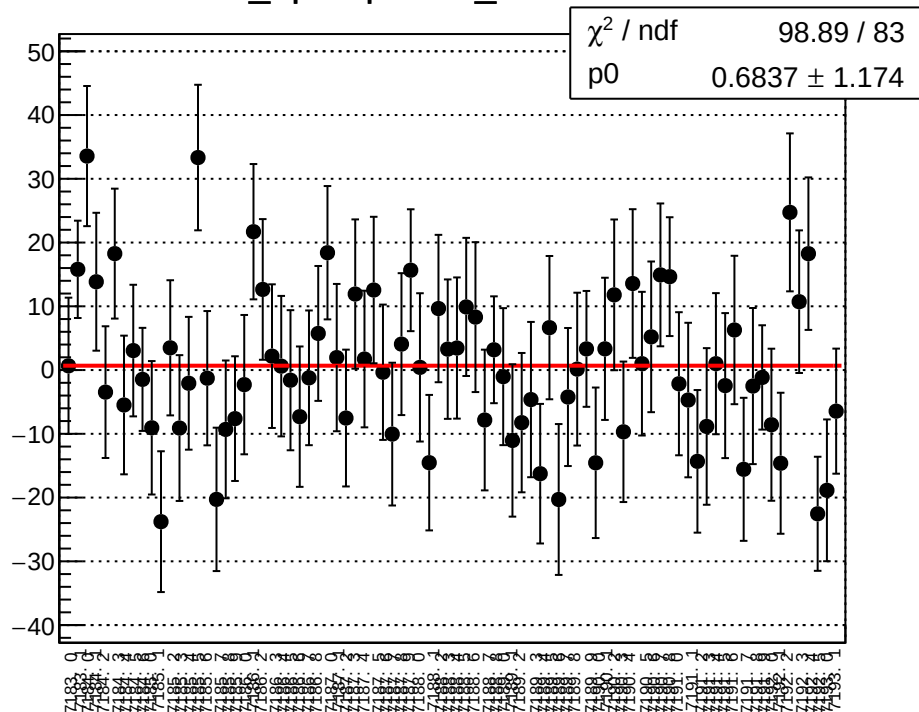
diff_bpm16Y_mean vs run



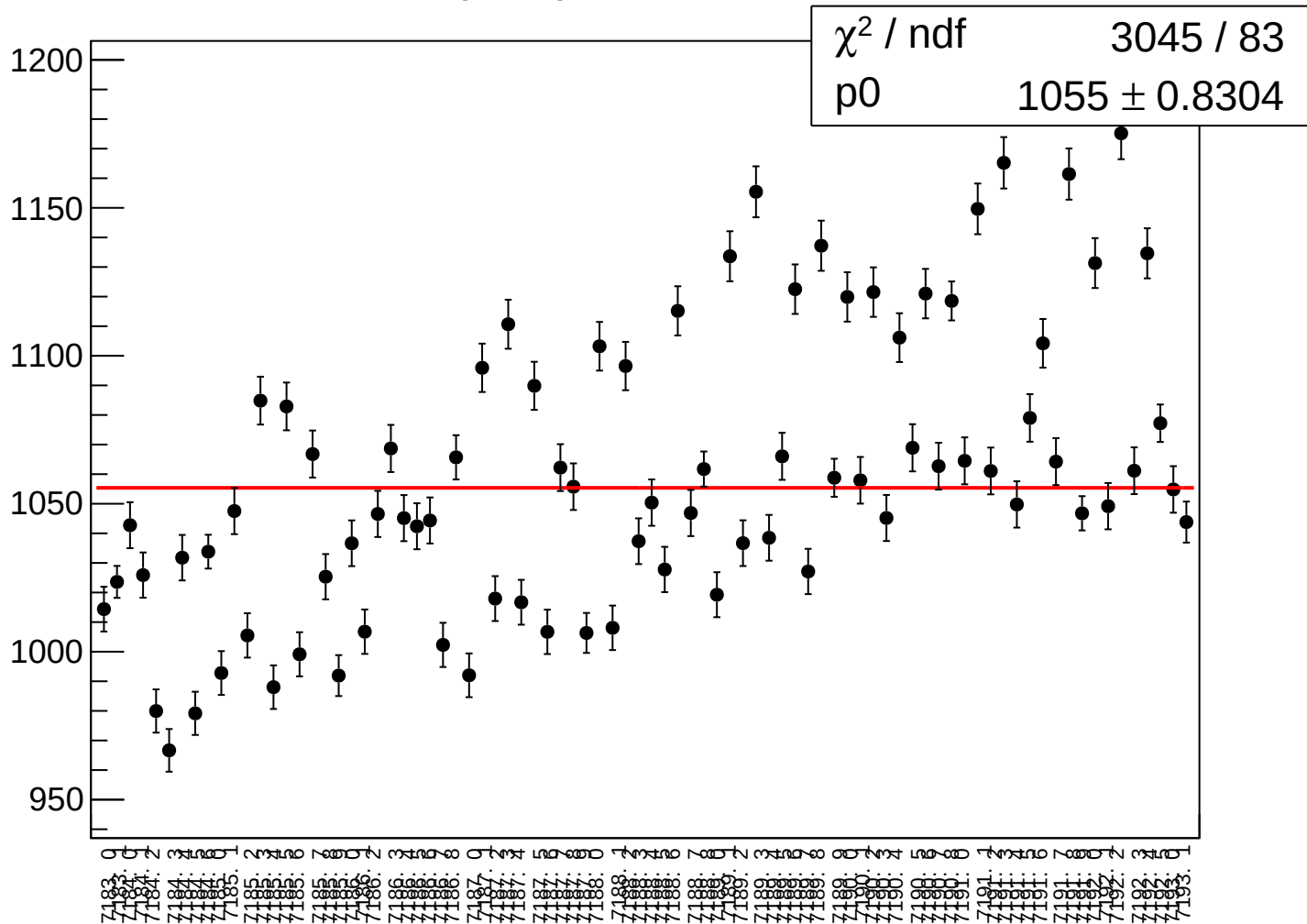
diff_bpm16Y_rms vs run



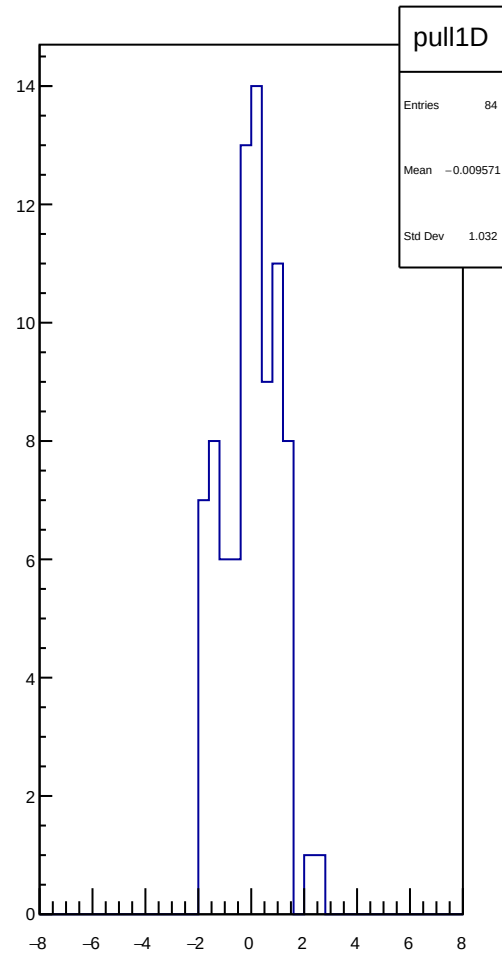
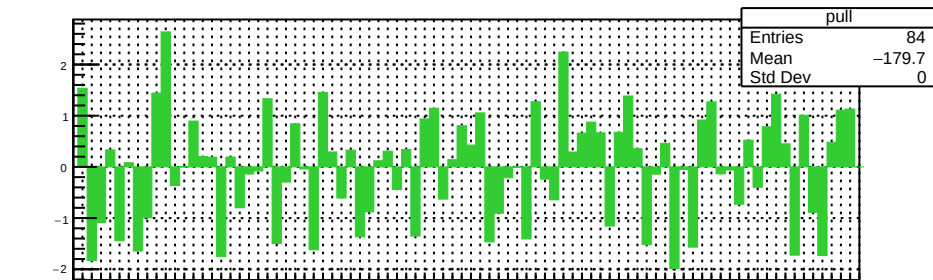
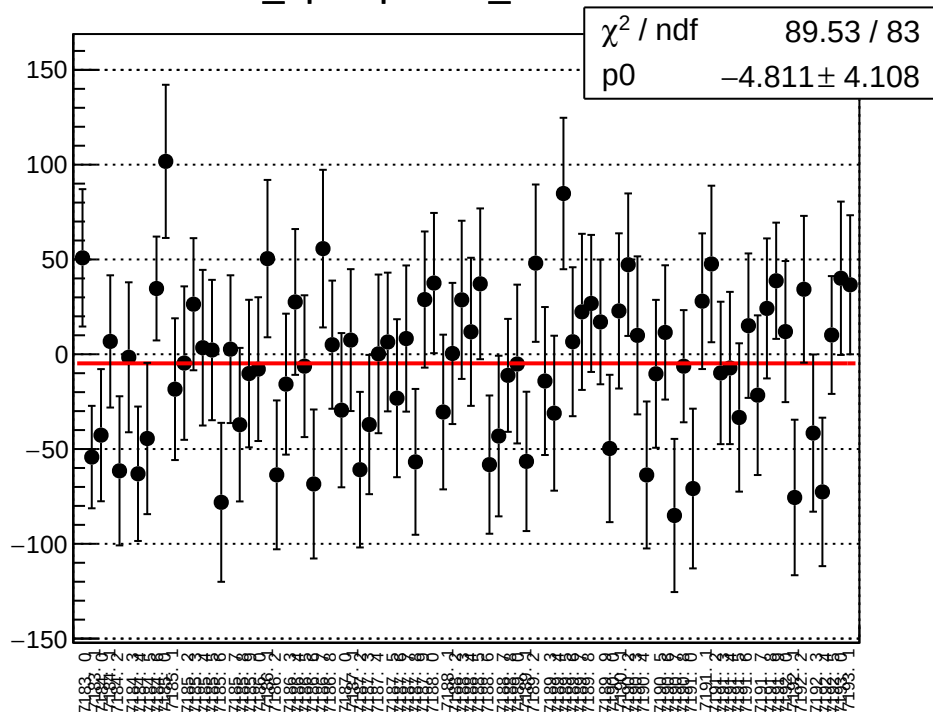
diff_bpm1p02bX_mean vs run



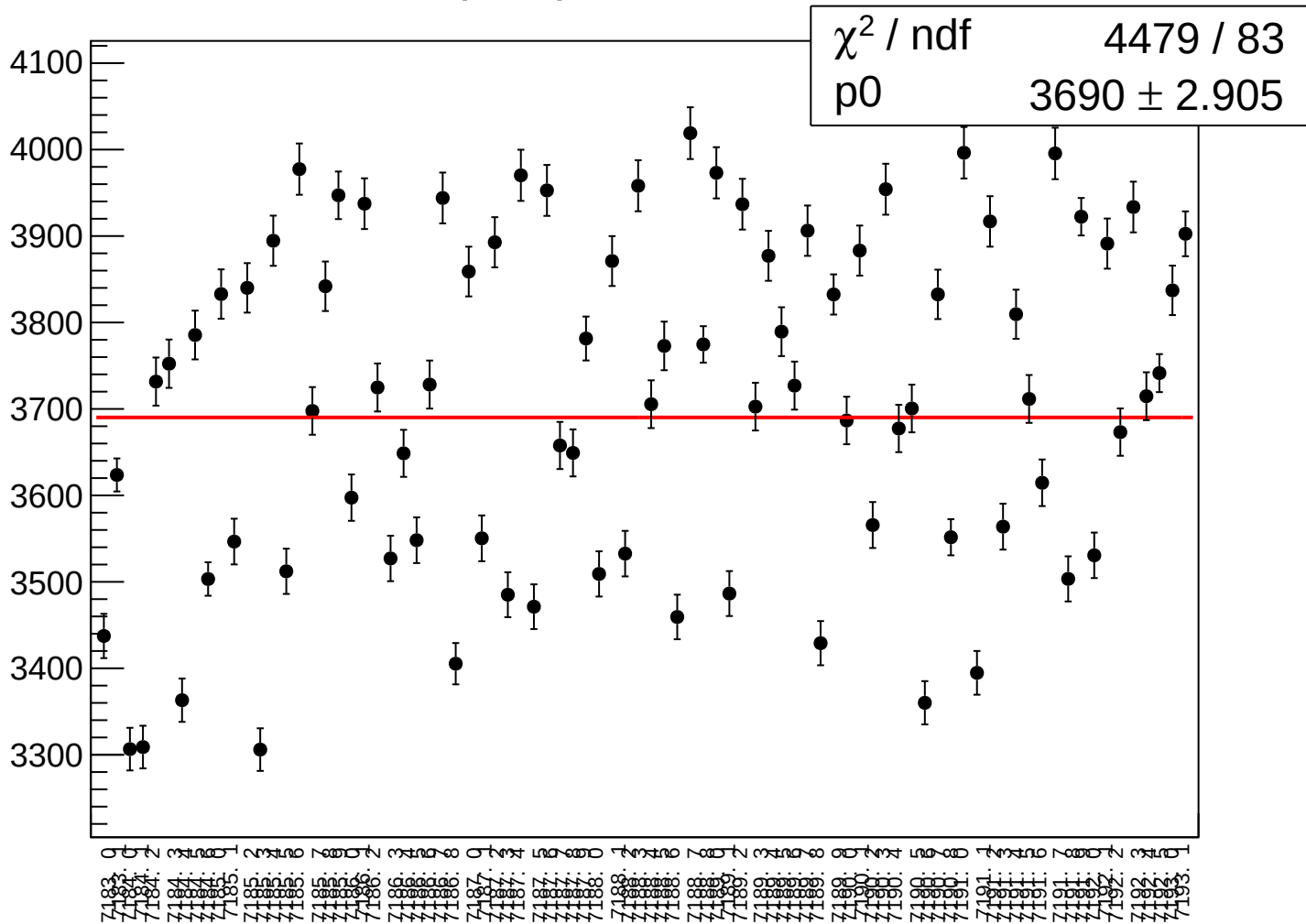
diff_bpm1p02bX_rms vs run



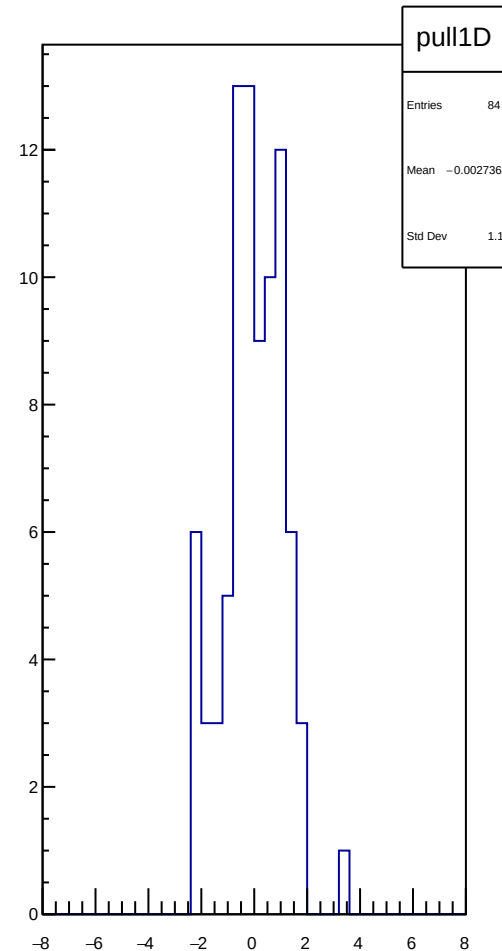
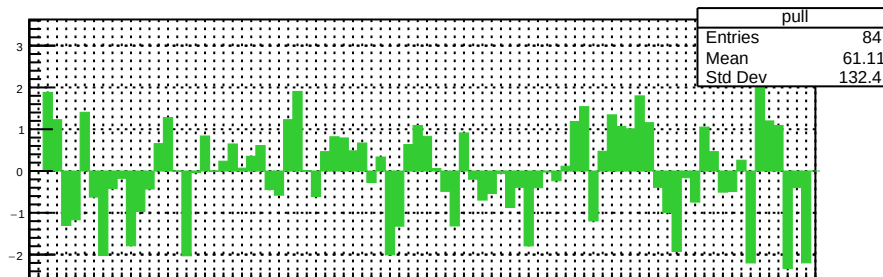
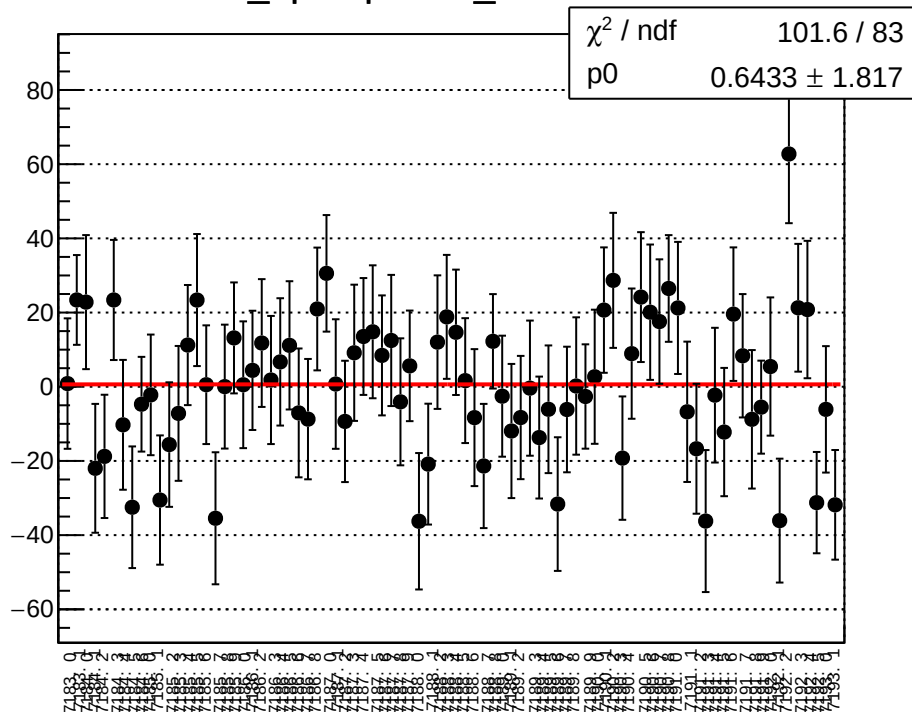
diff_bpm1p02bY_mean vs run



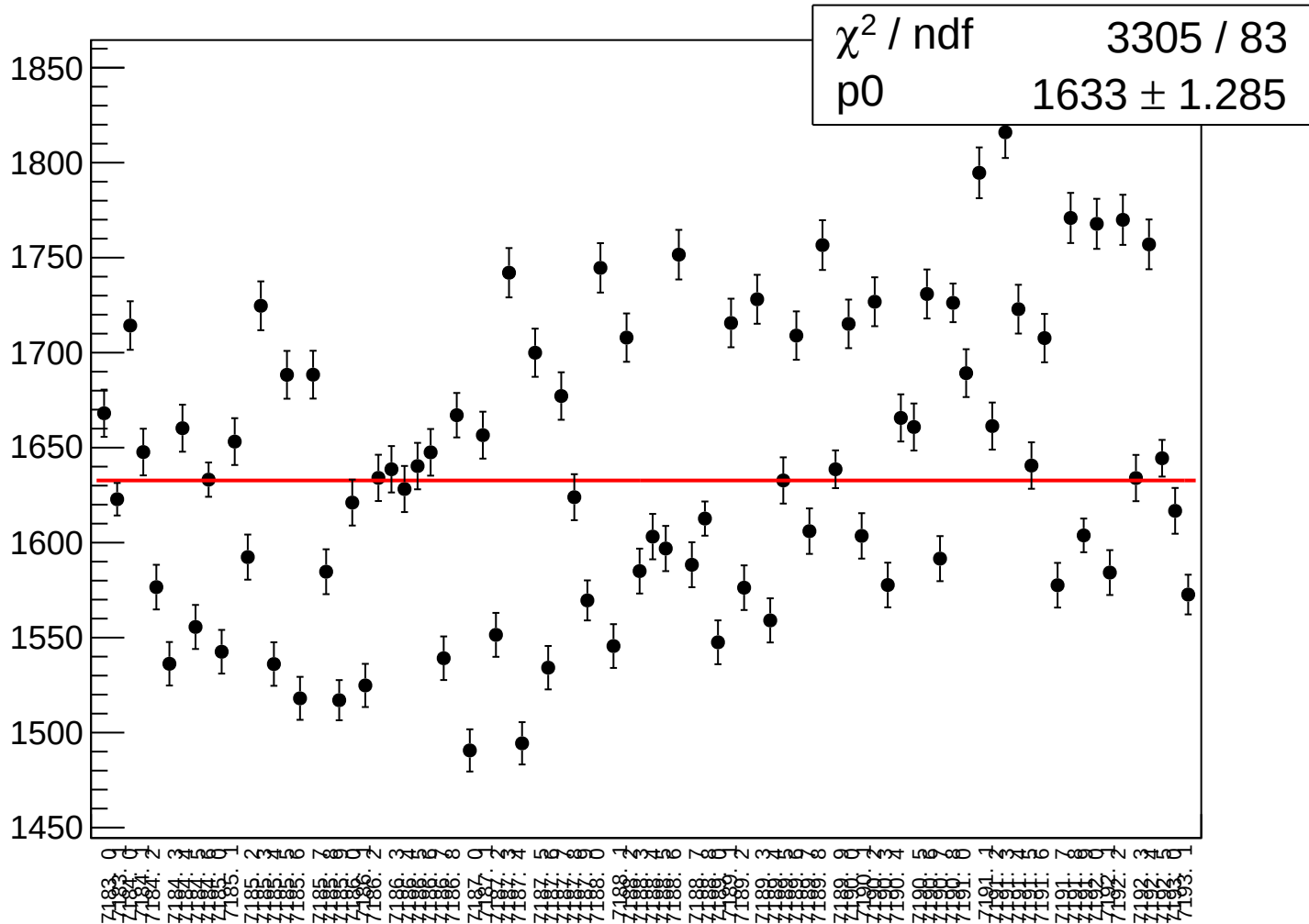
diff_bpm1p02bY_rms vs run



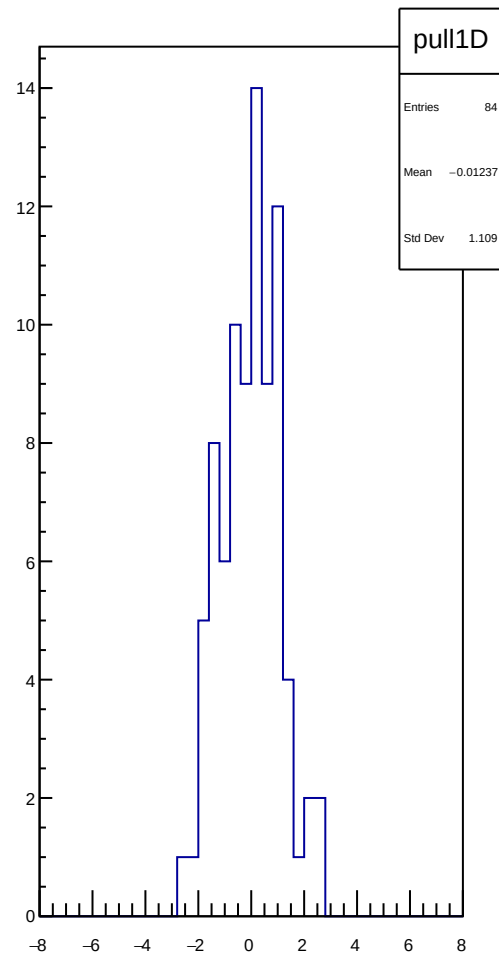
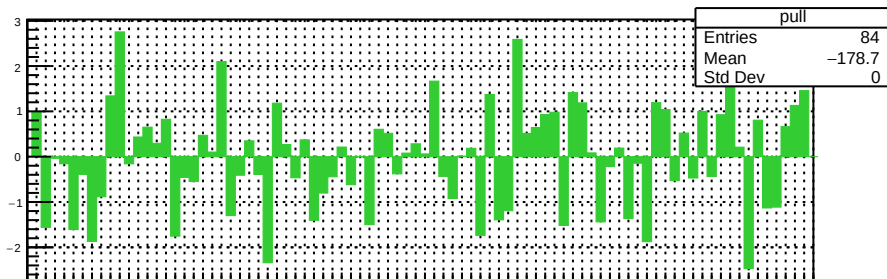
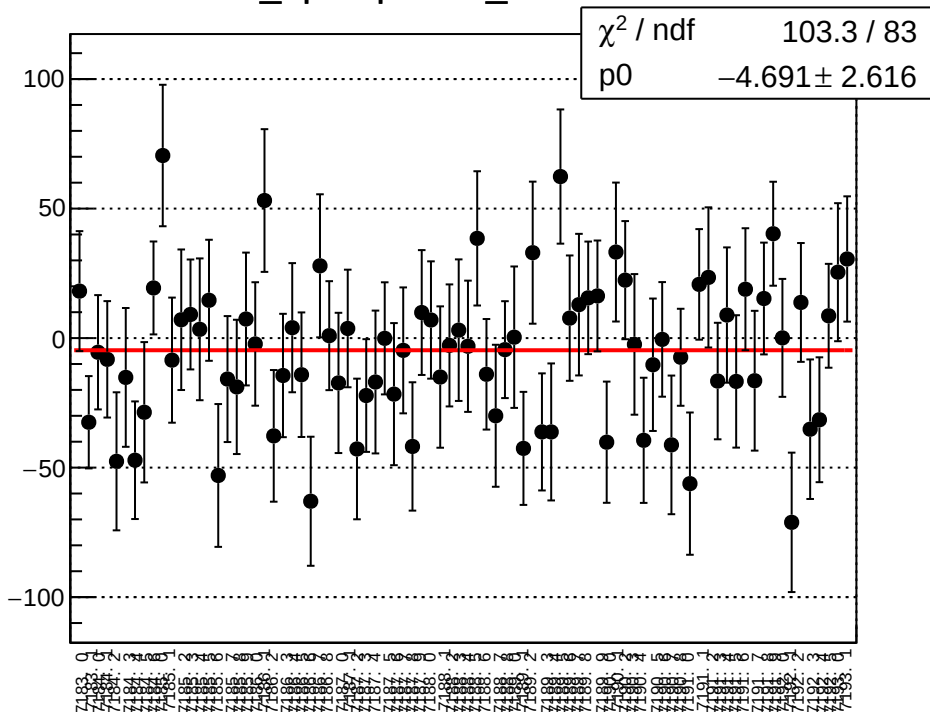
diff_bpm1p03aX_mean vs run



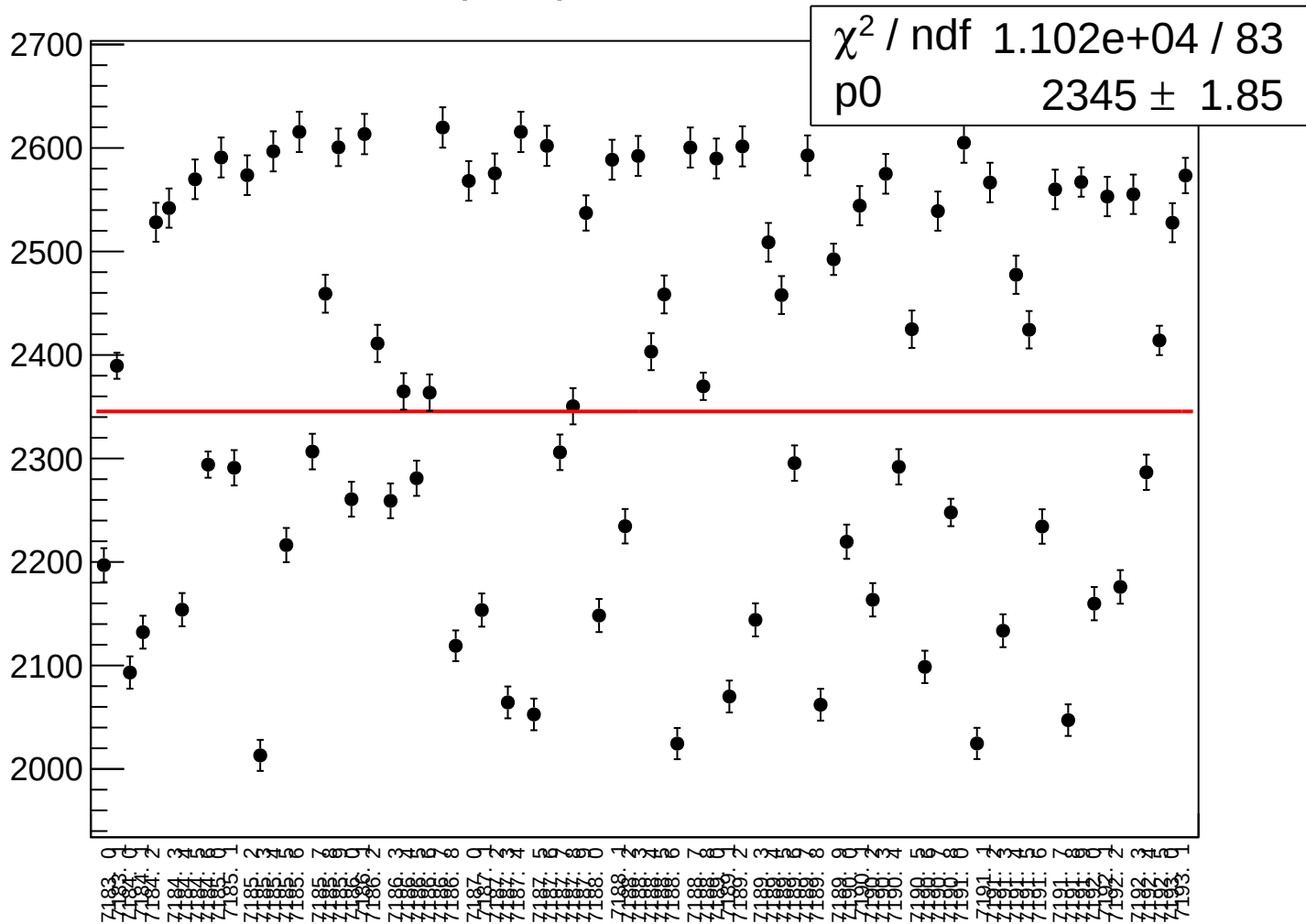
diff_bpm1p03aX_rms vs run



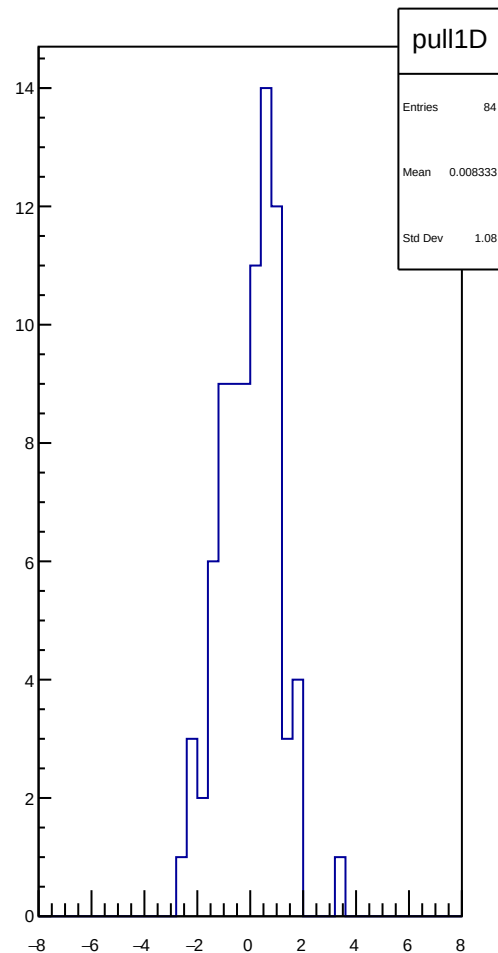
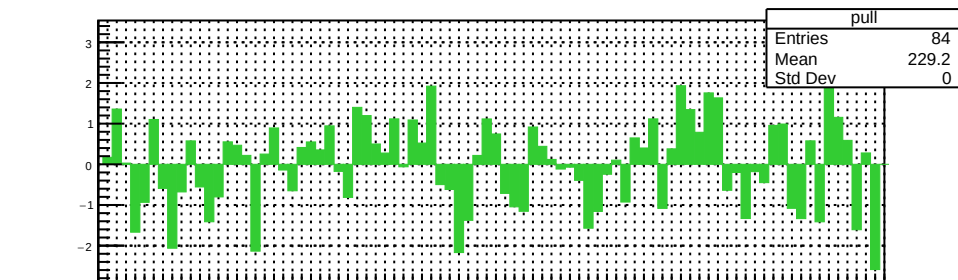
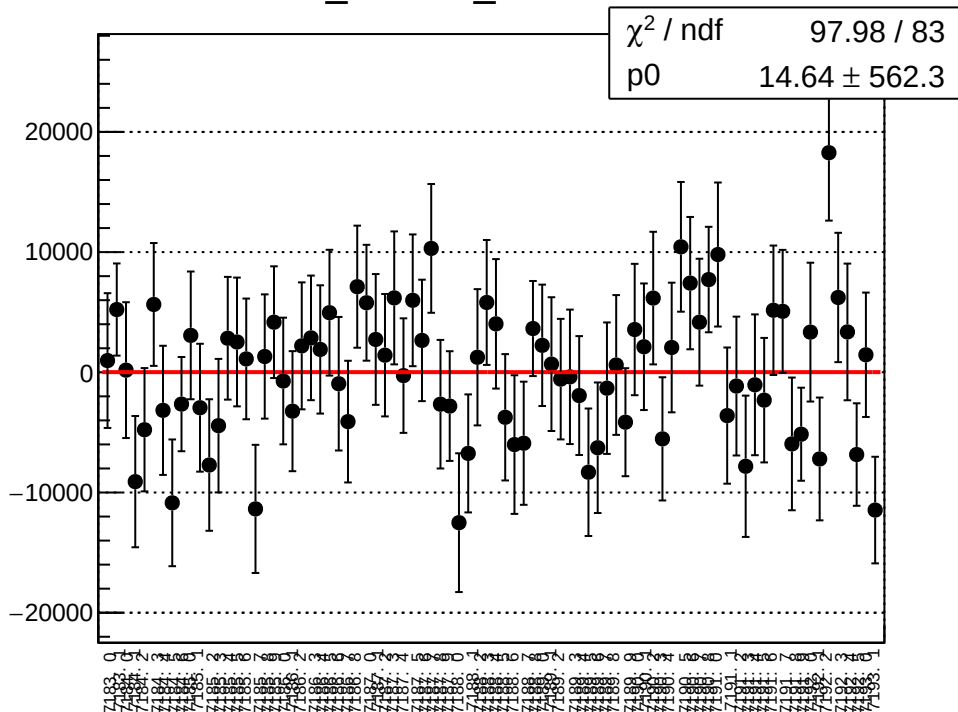
diff_bpm1p03aY_mean vs run



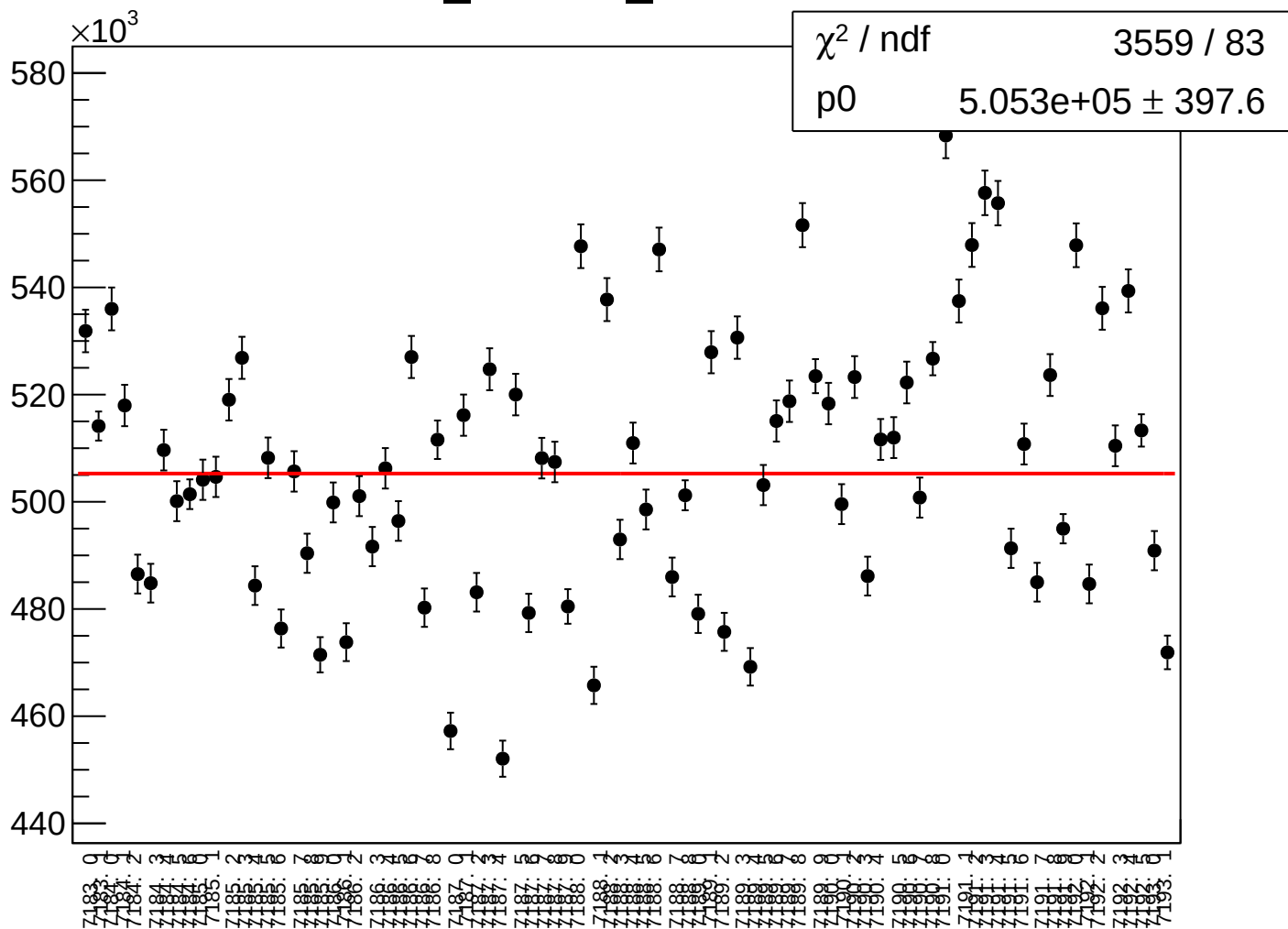
diff_bpm1p03aY_rms vs run



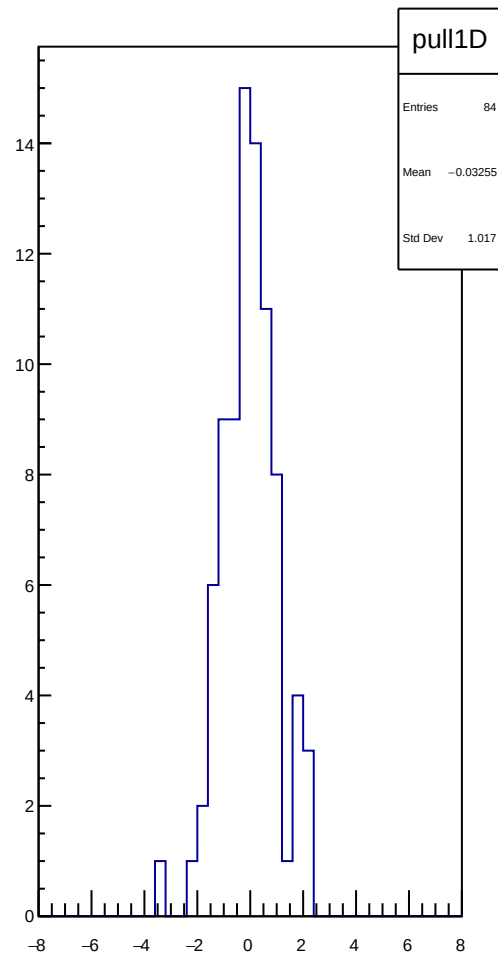
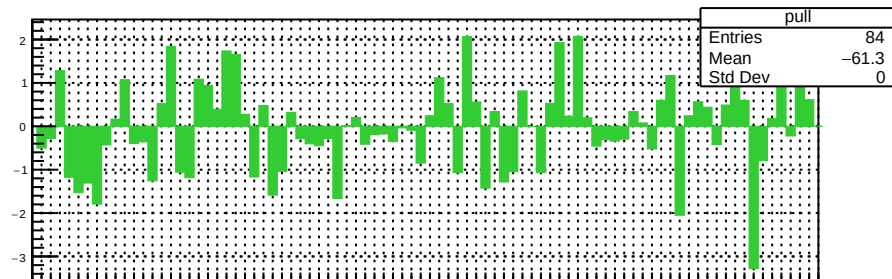
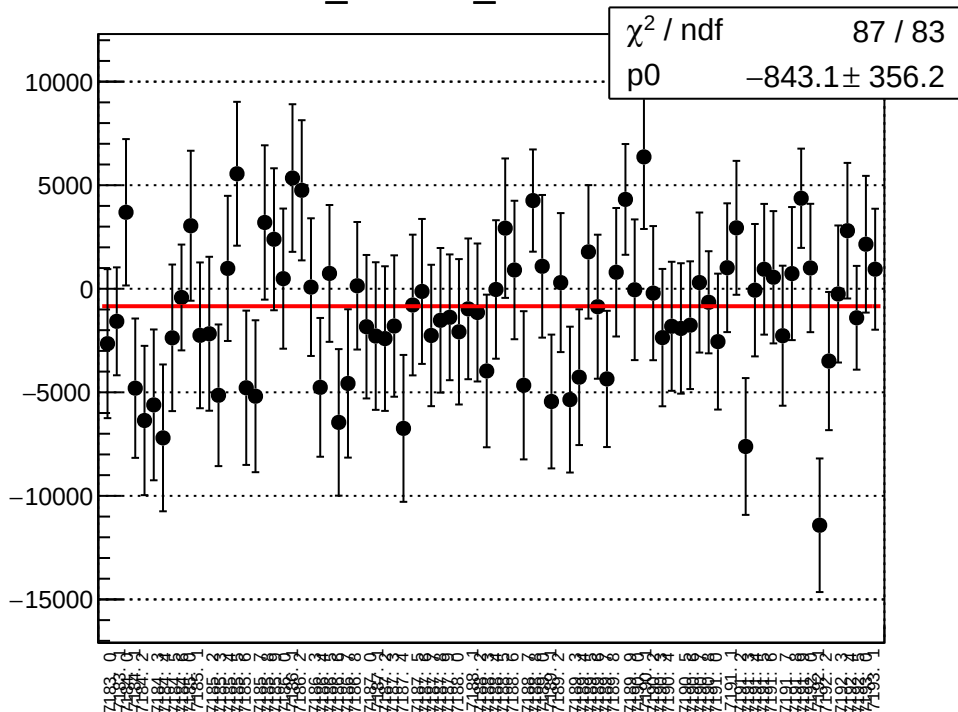
diff_cav4bX_mean vs run



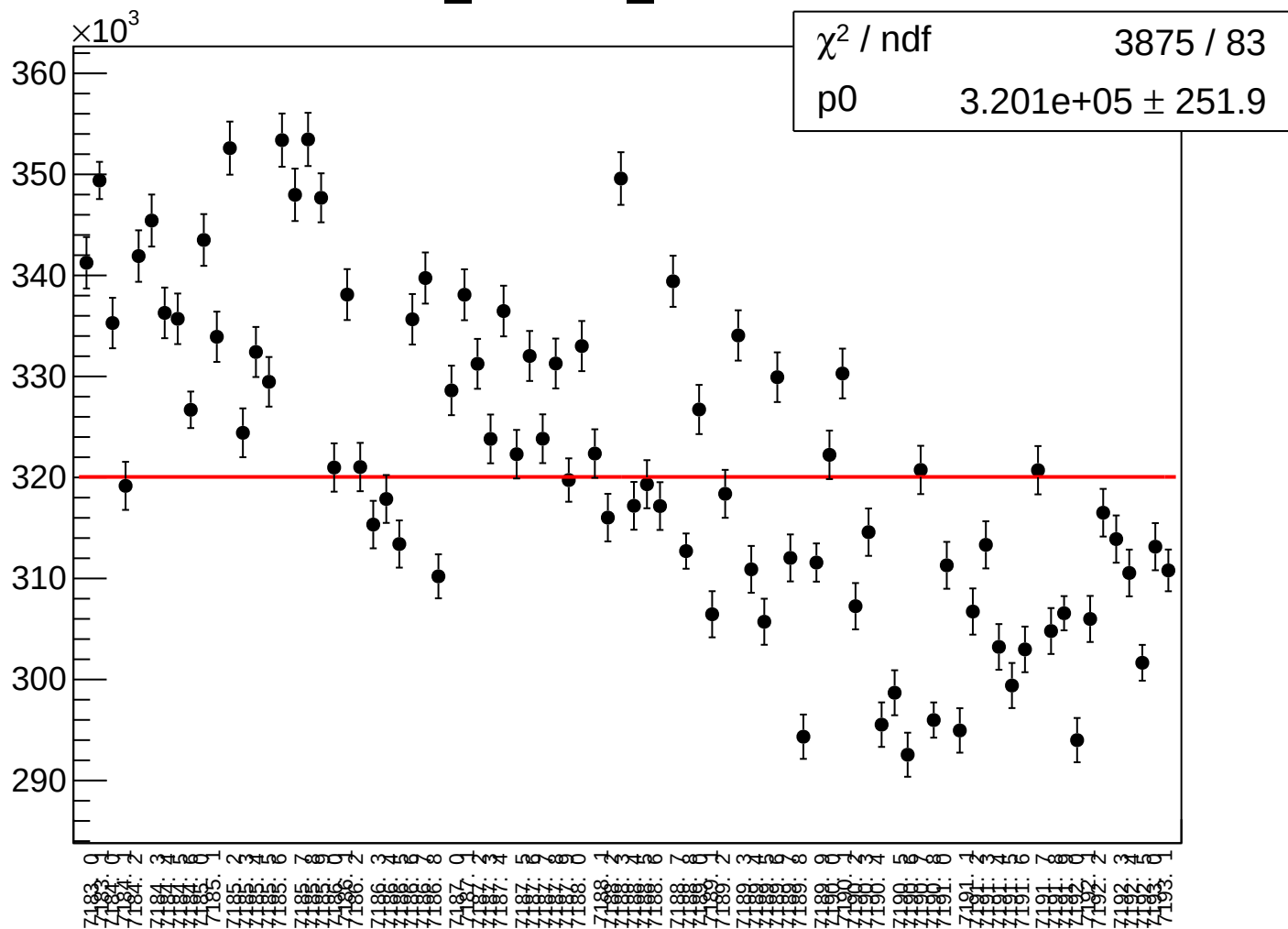
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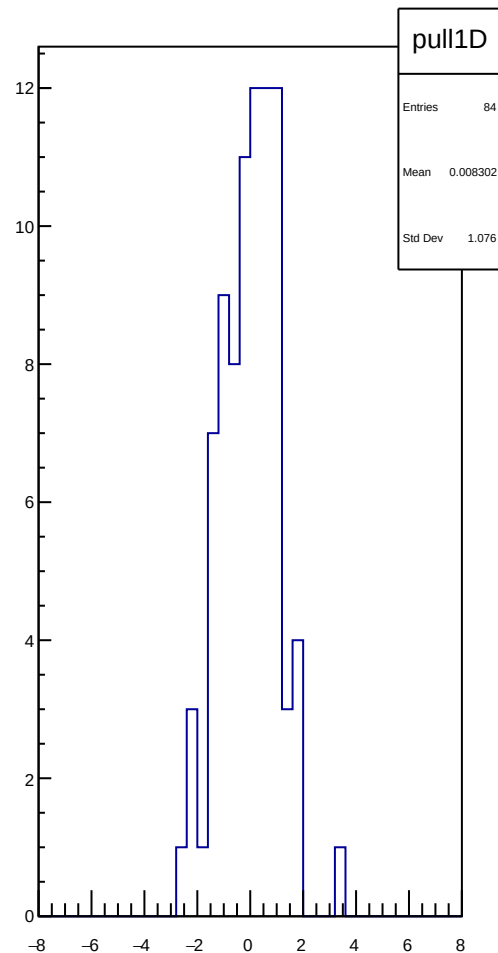
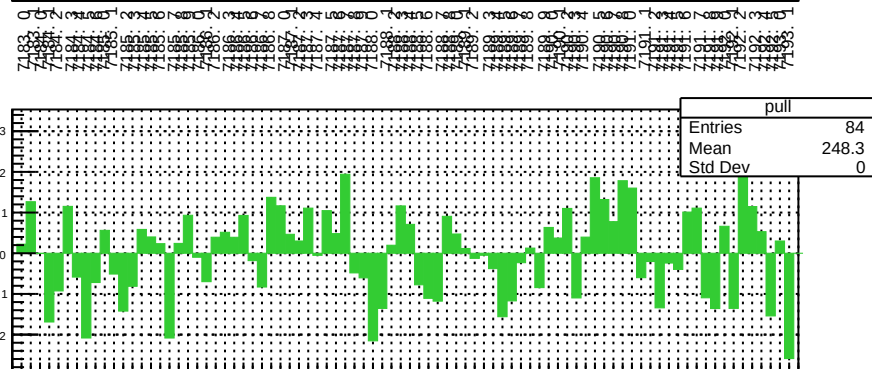
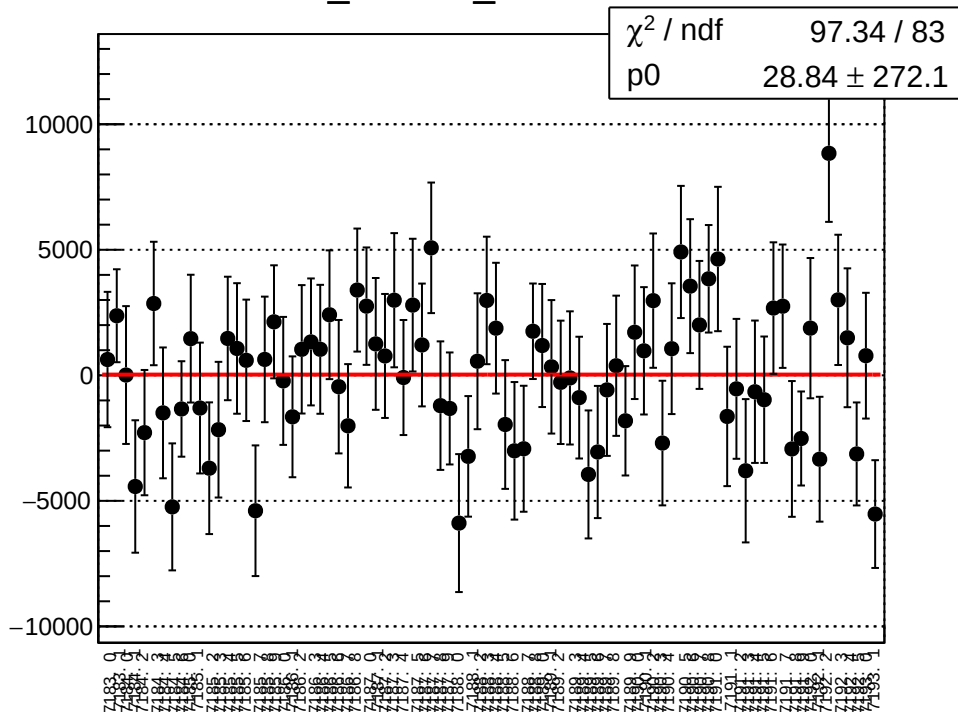
diff_cav4bY_mean vs run



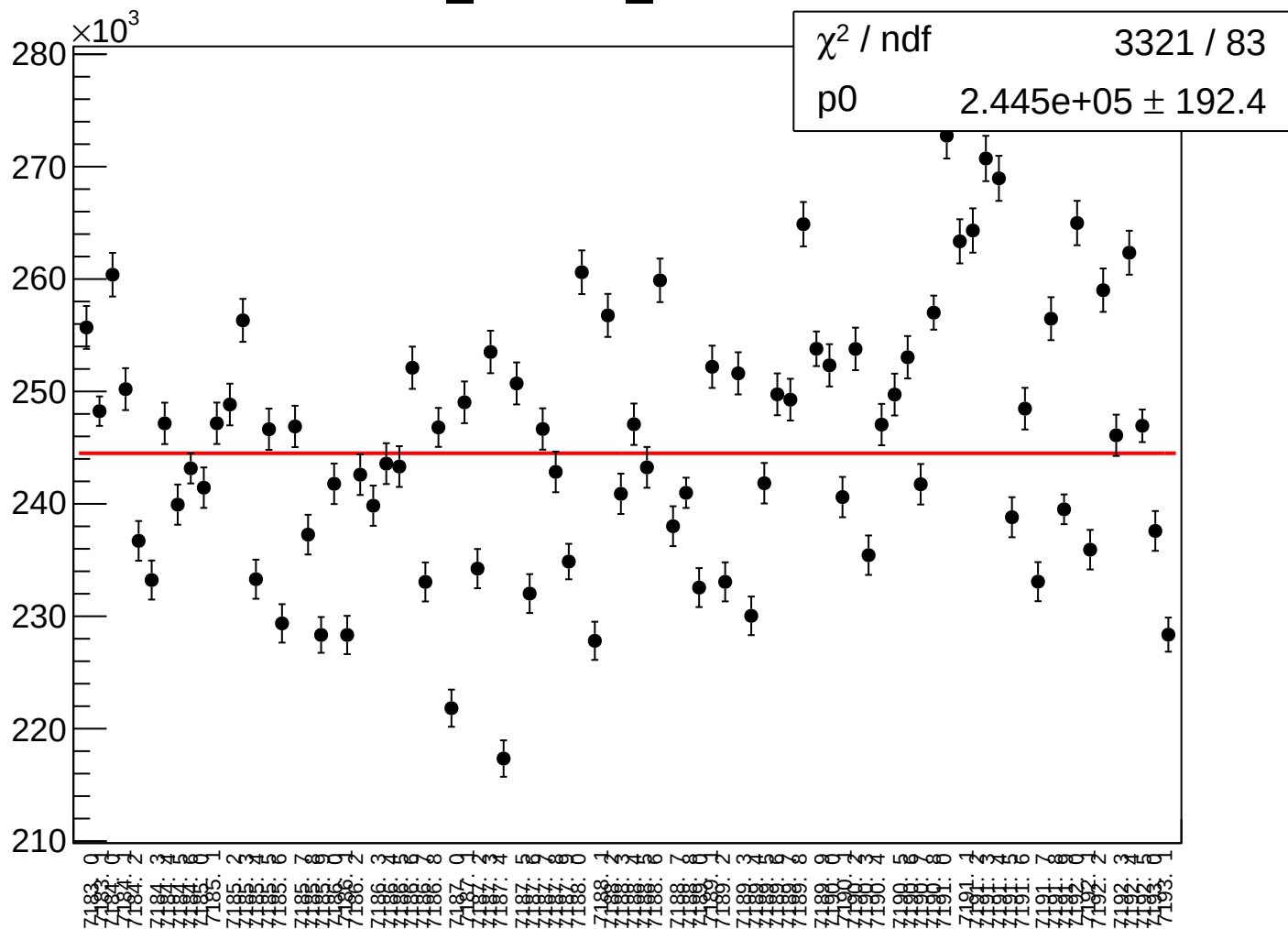
diff_cav4bY_rms vs run



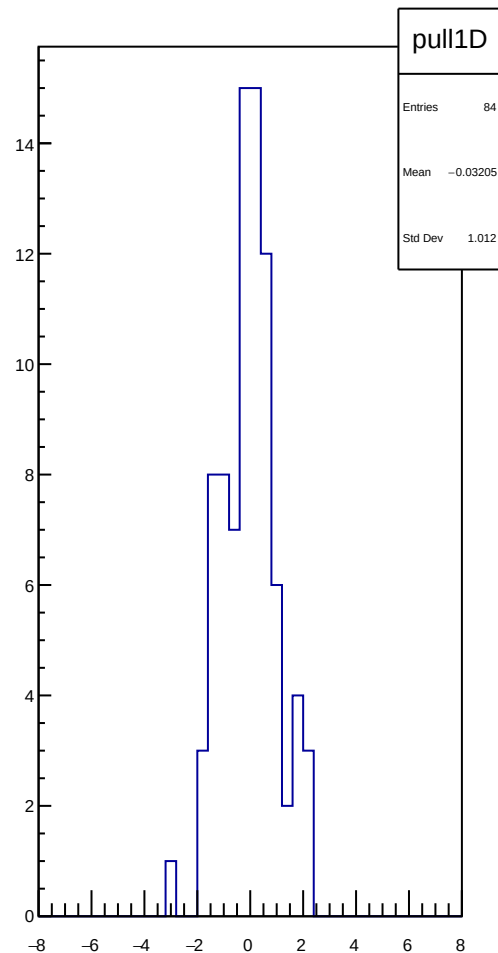
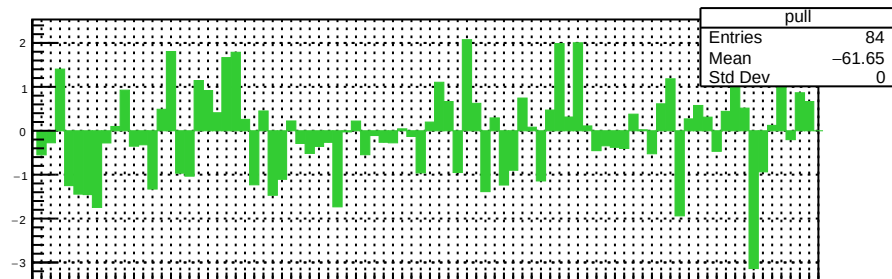
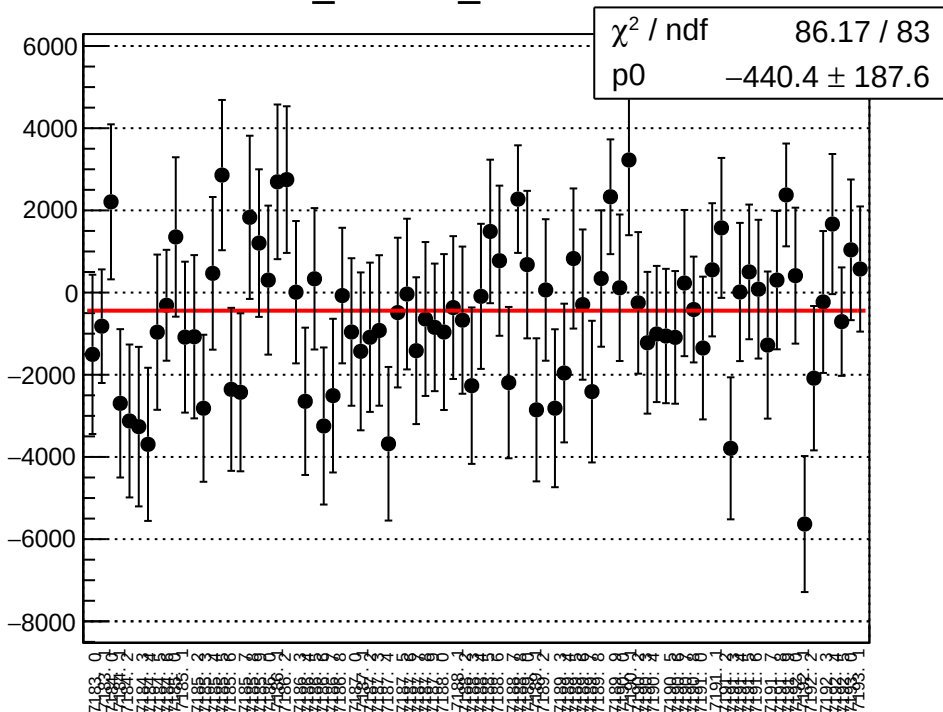
diff_cav4cX_mean vs run



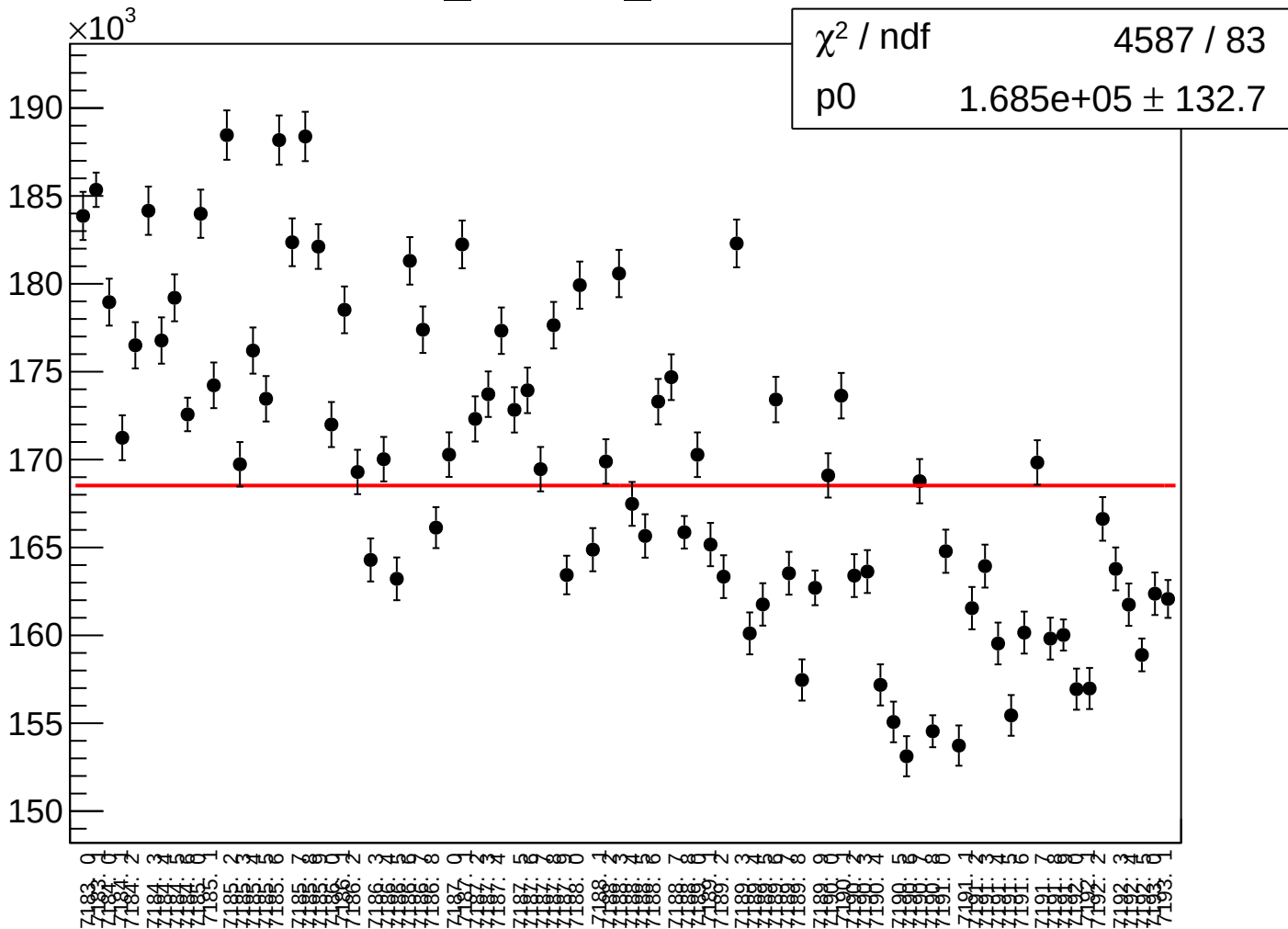
diff_cav4cX_rms vs run



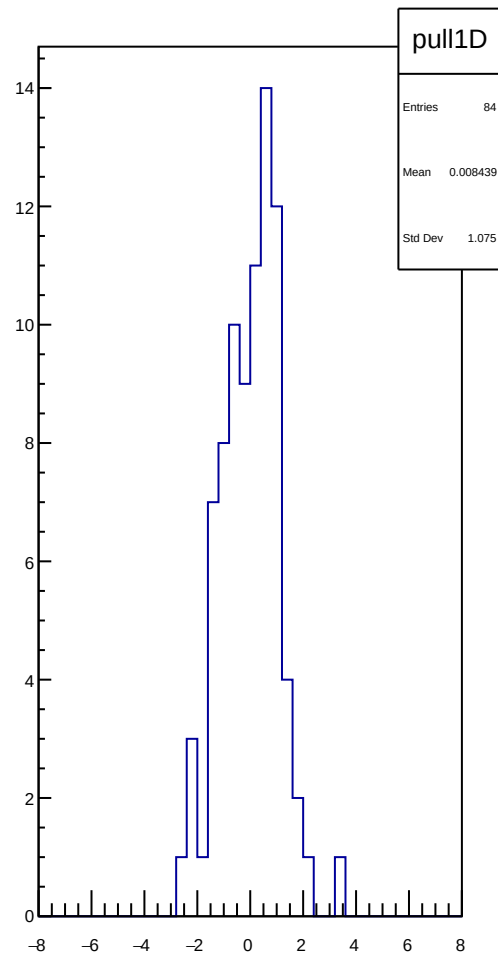
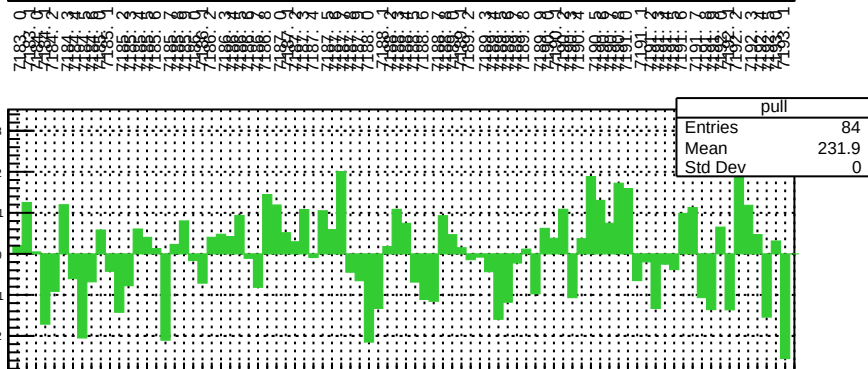
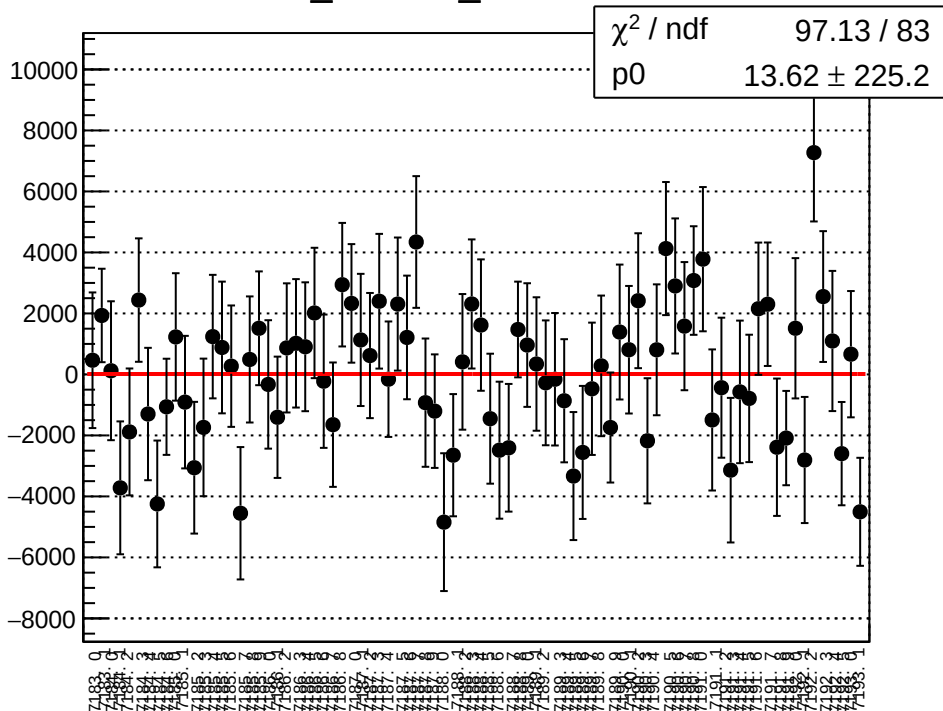
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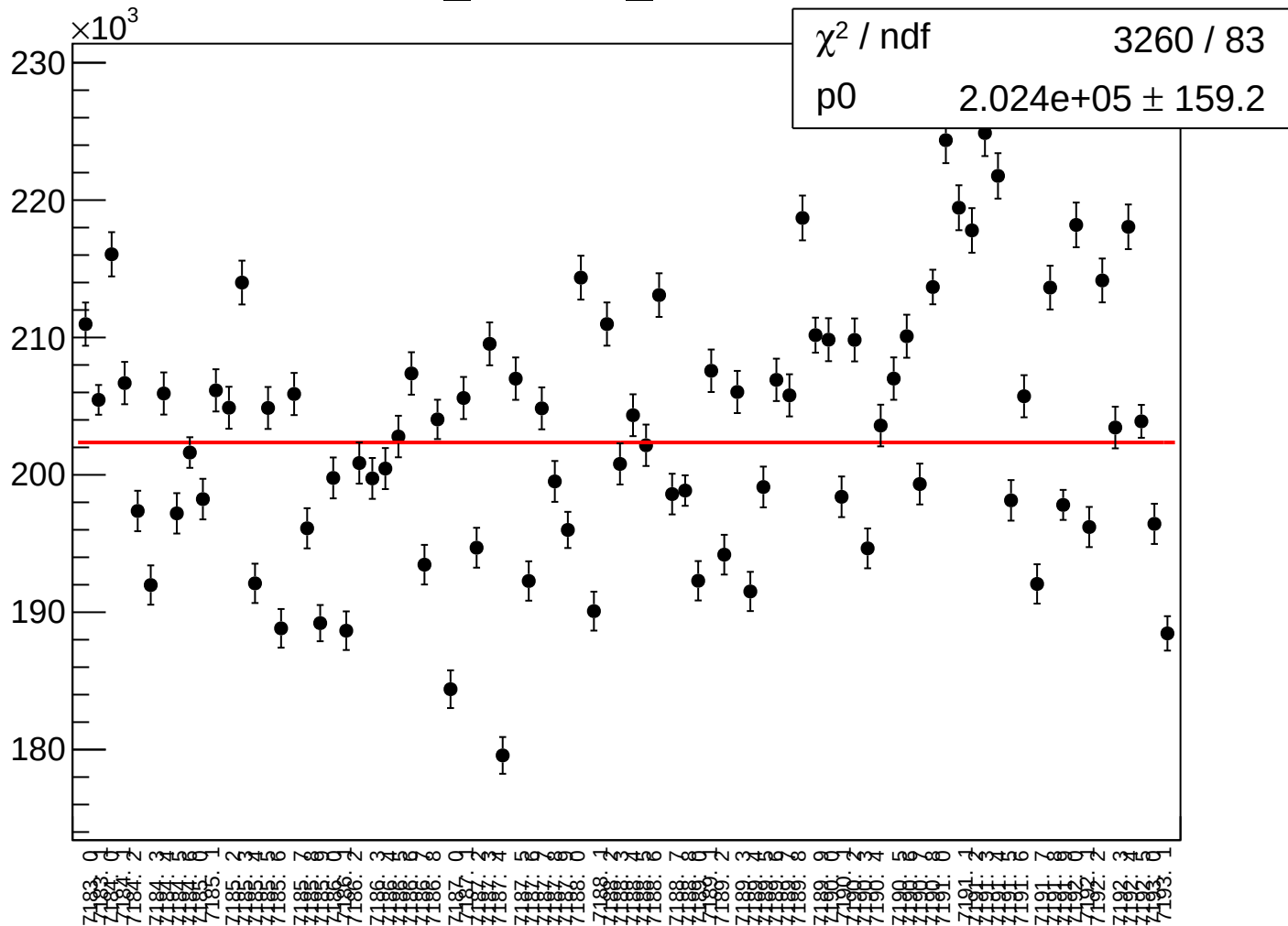
diff_cav4cY_rms vs run



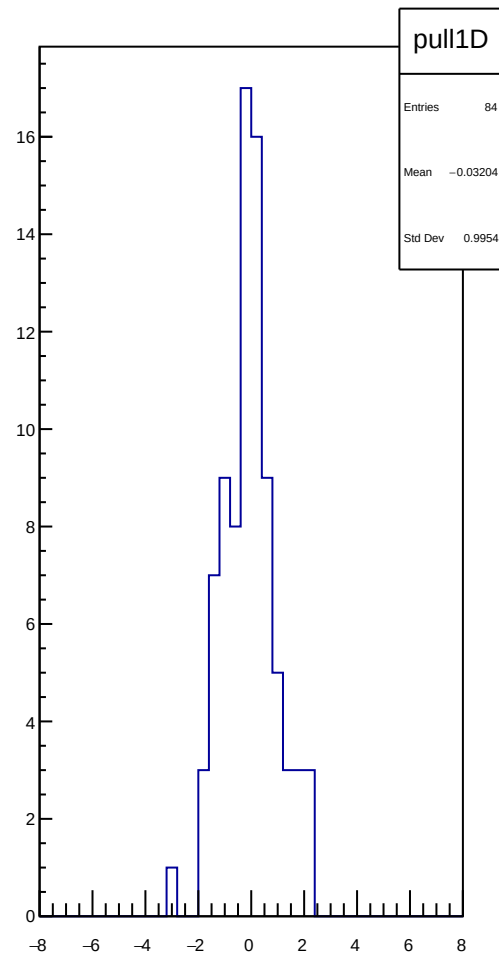
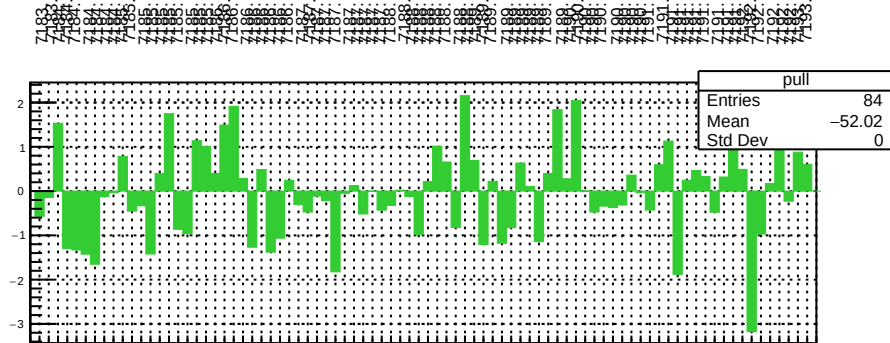
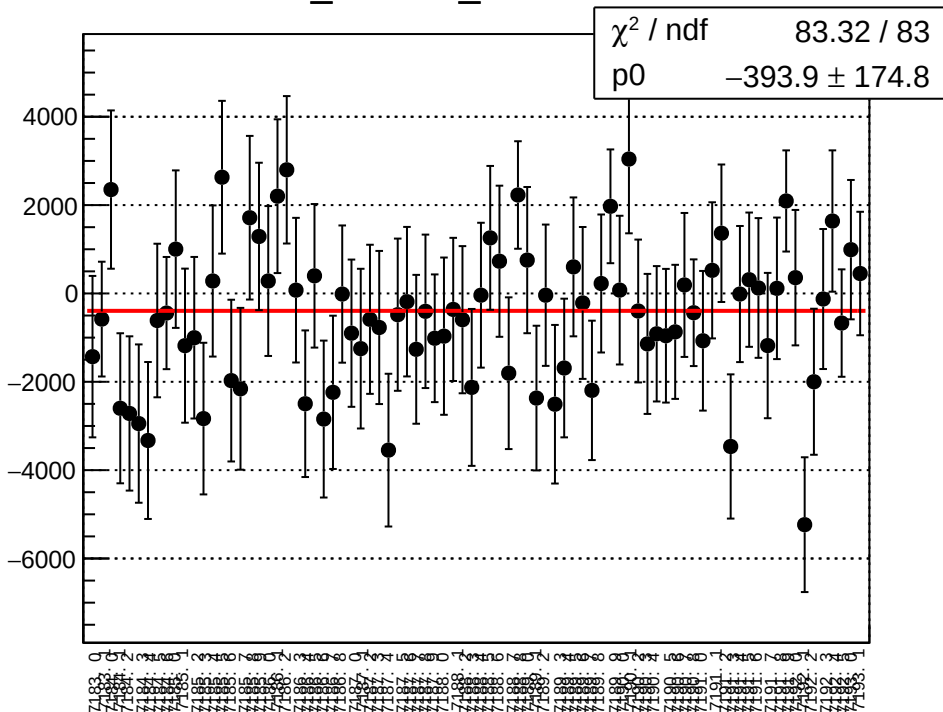
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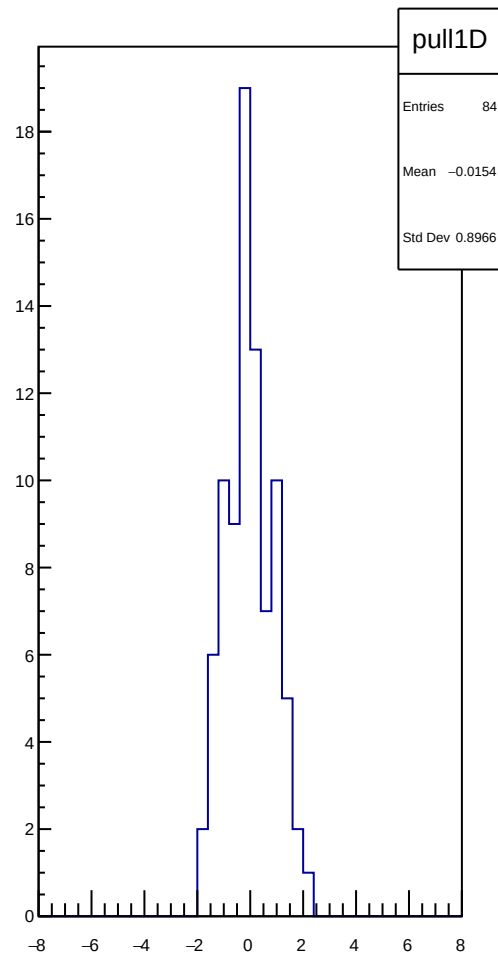
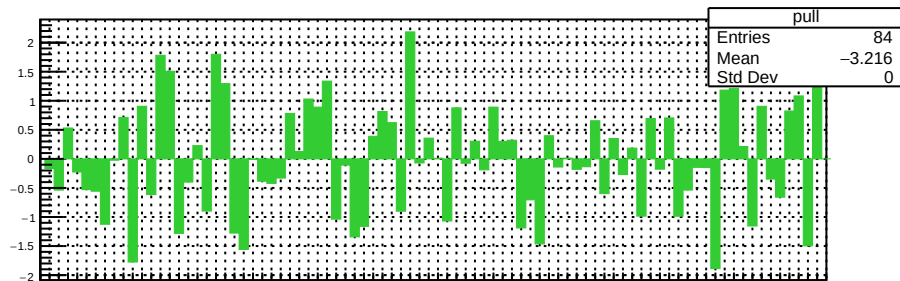
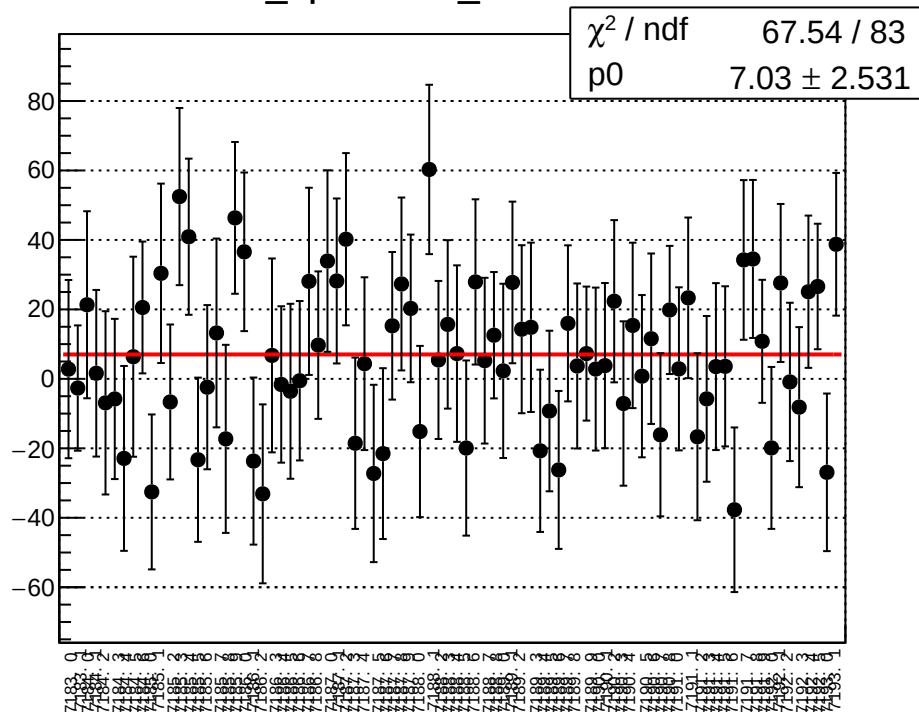
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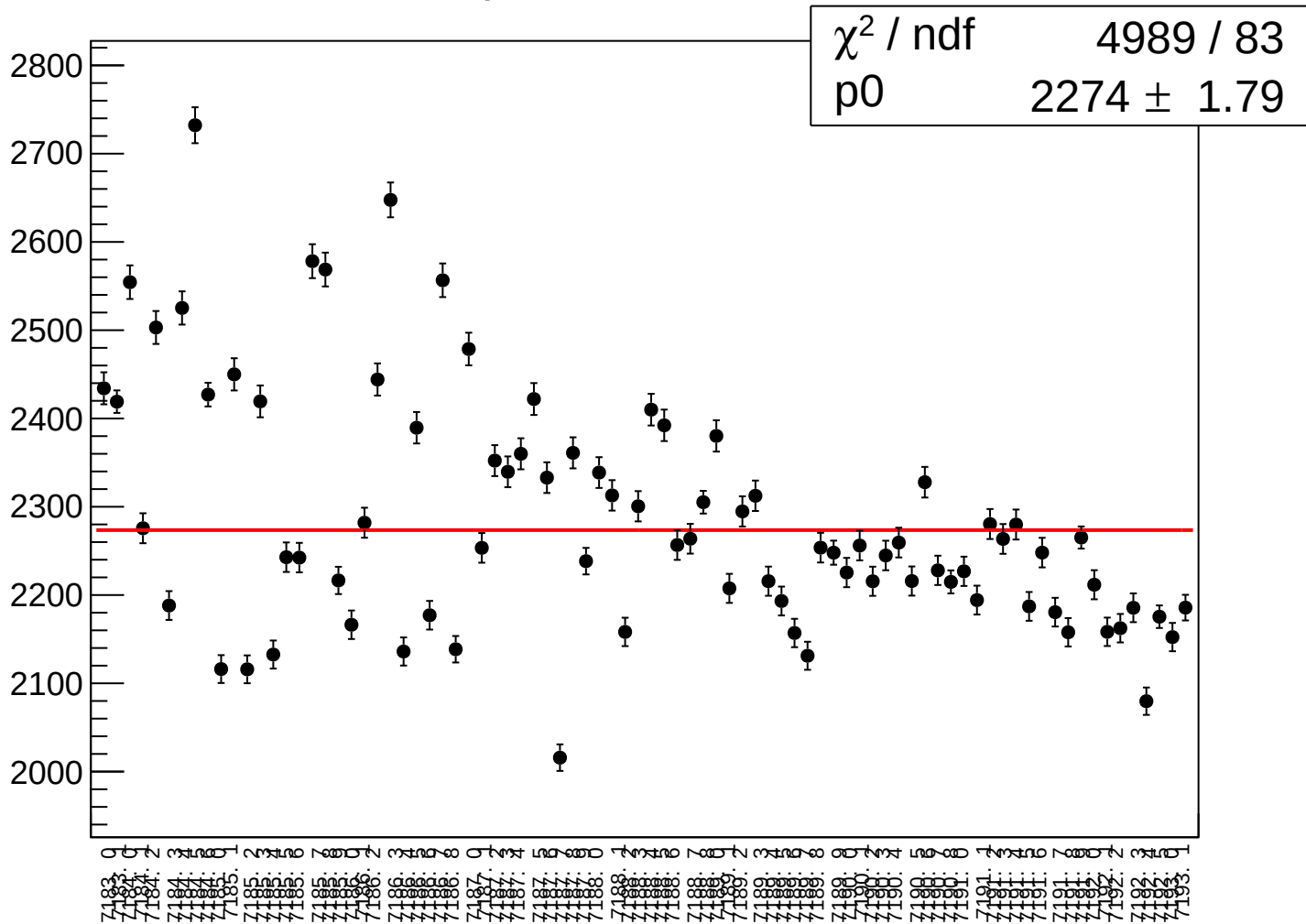
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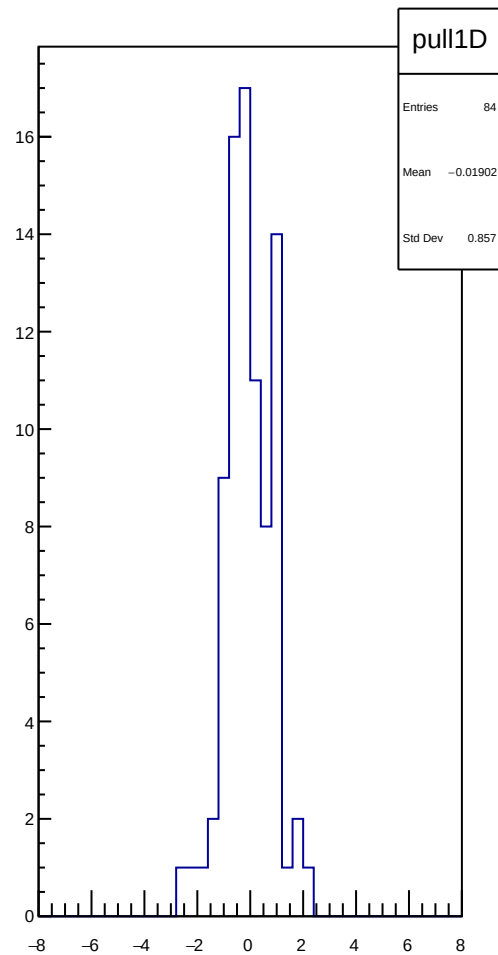
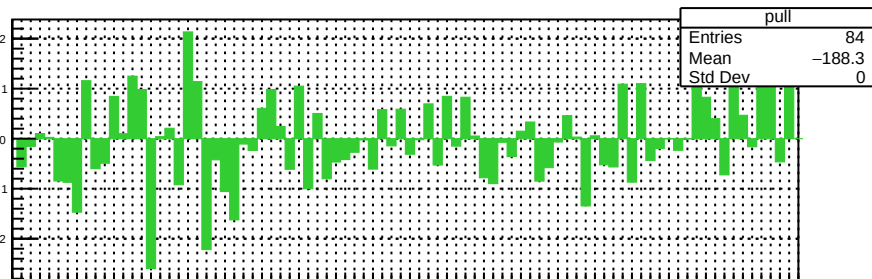
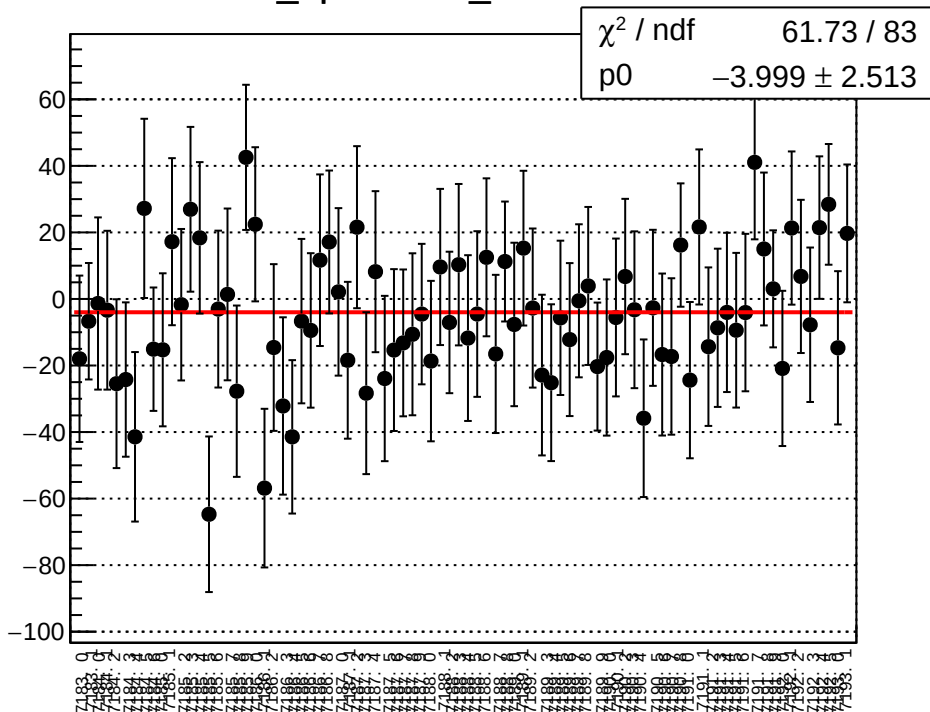
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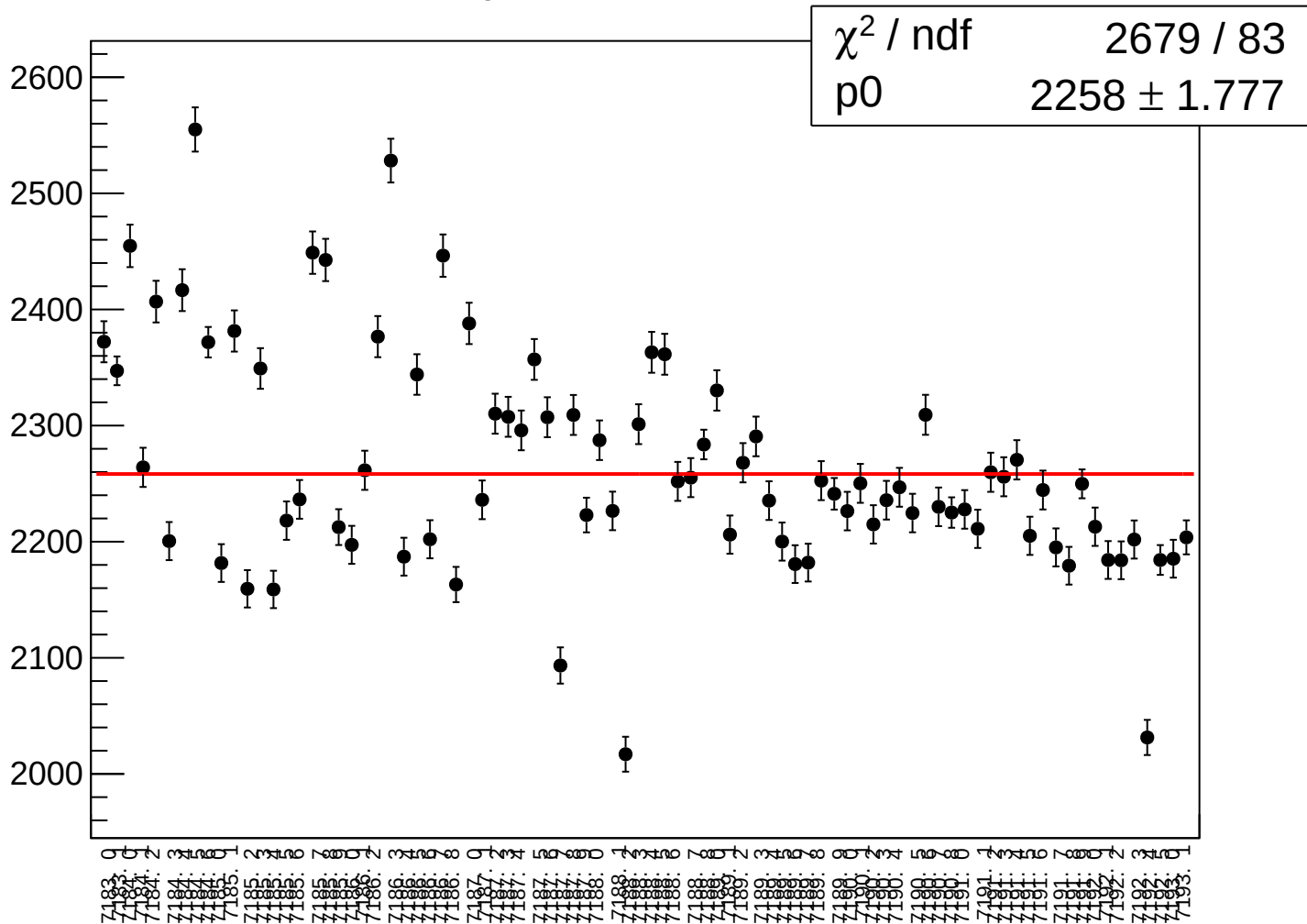
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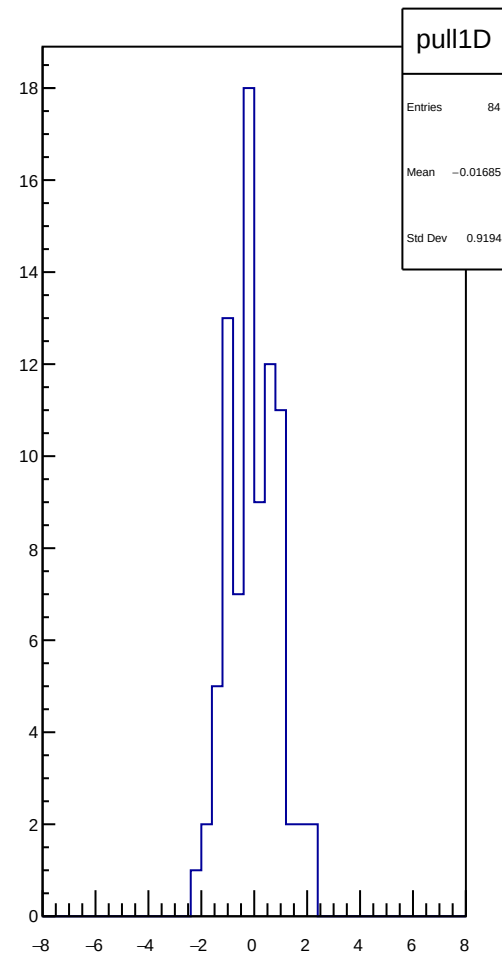
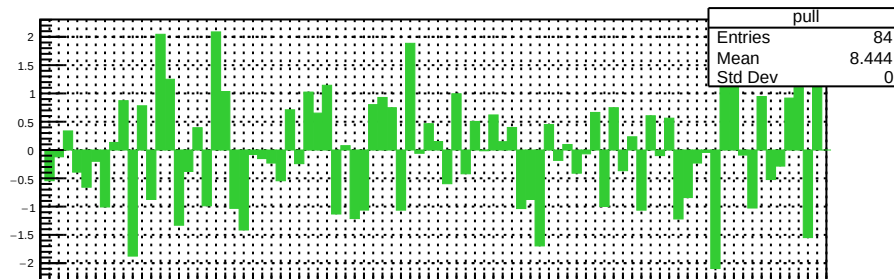
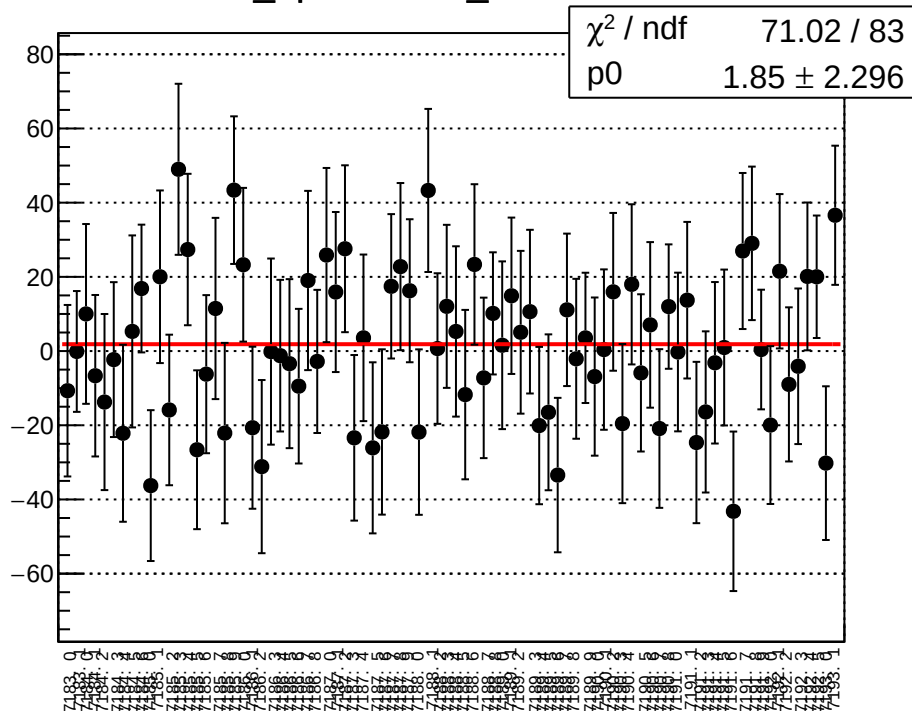
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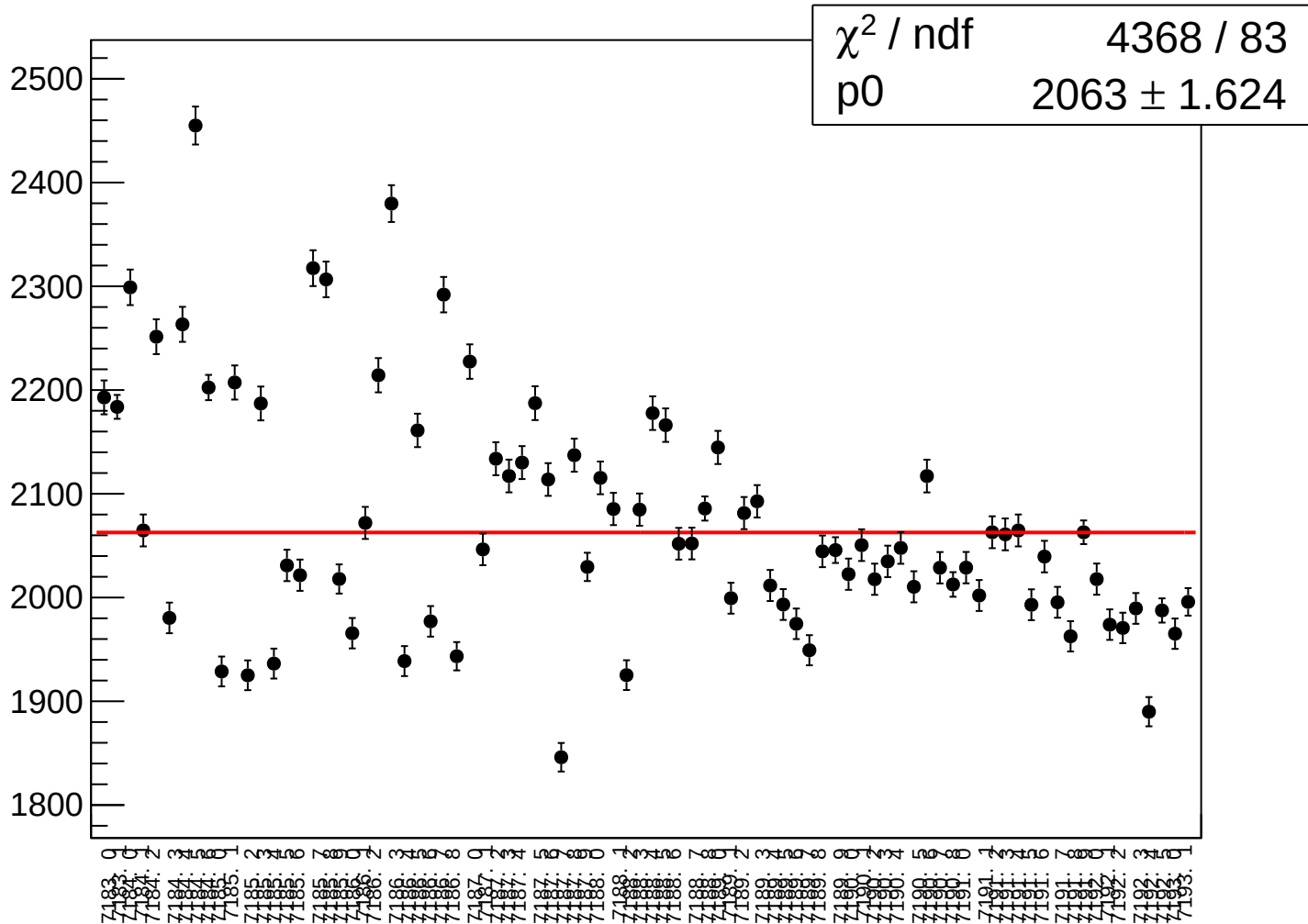
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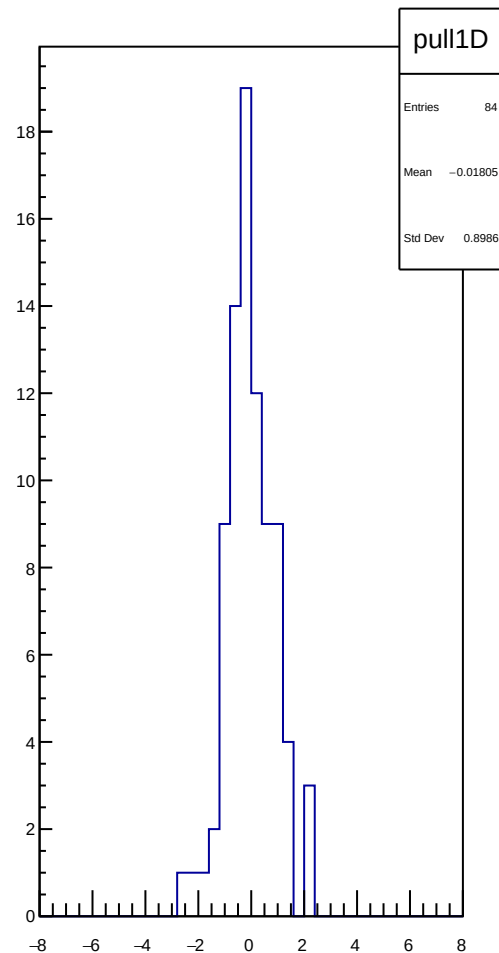
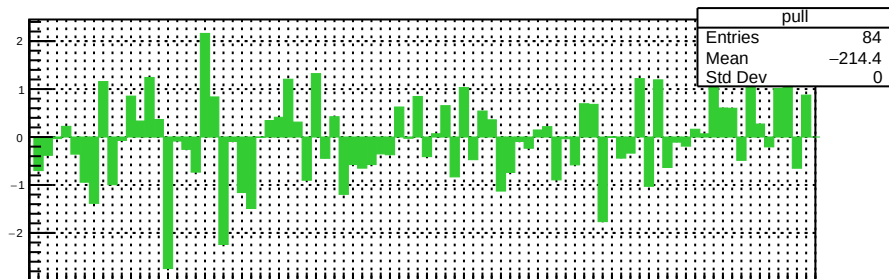
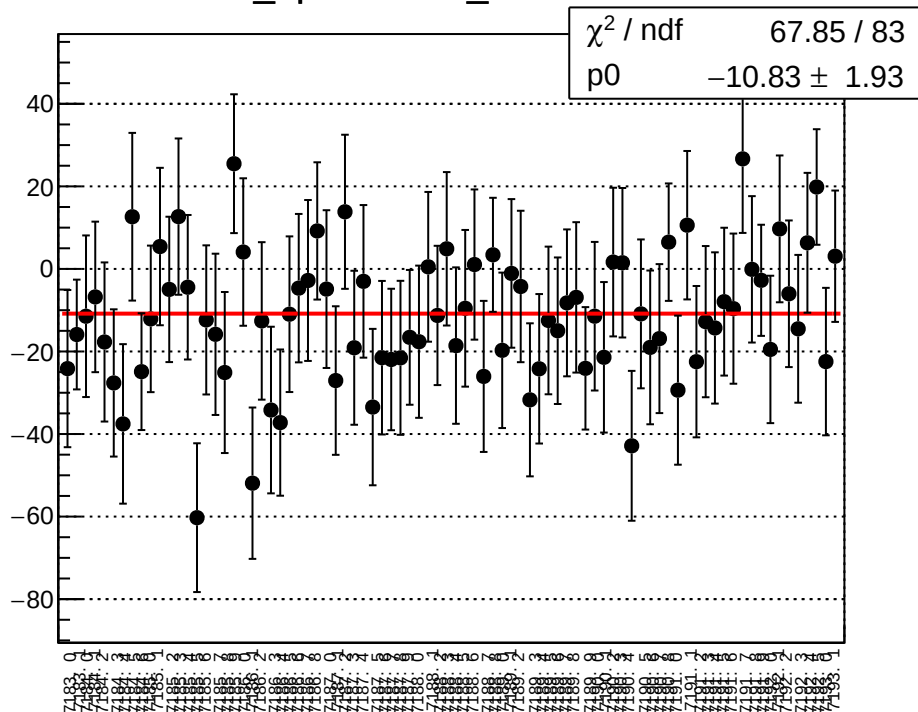
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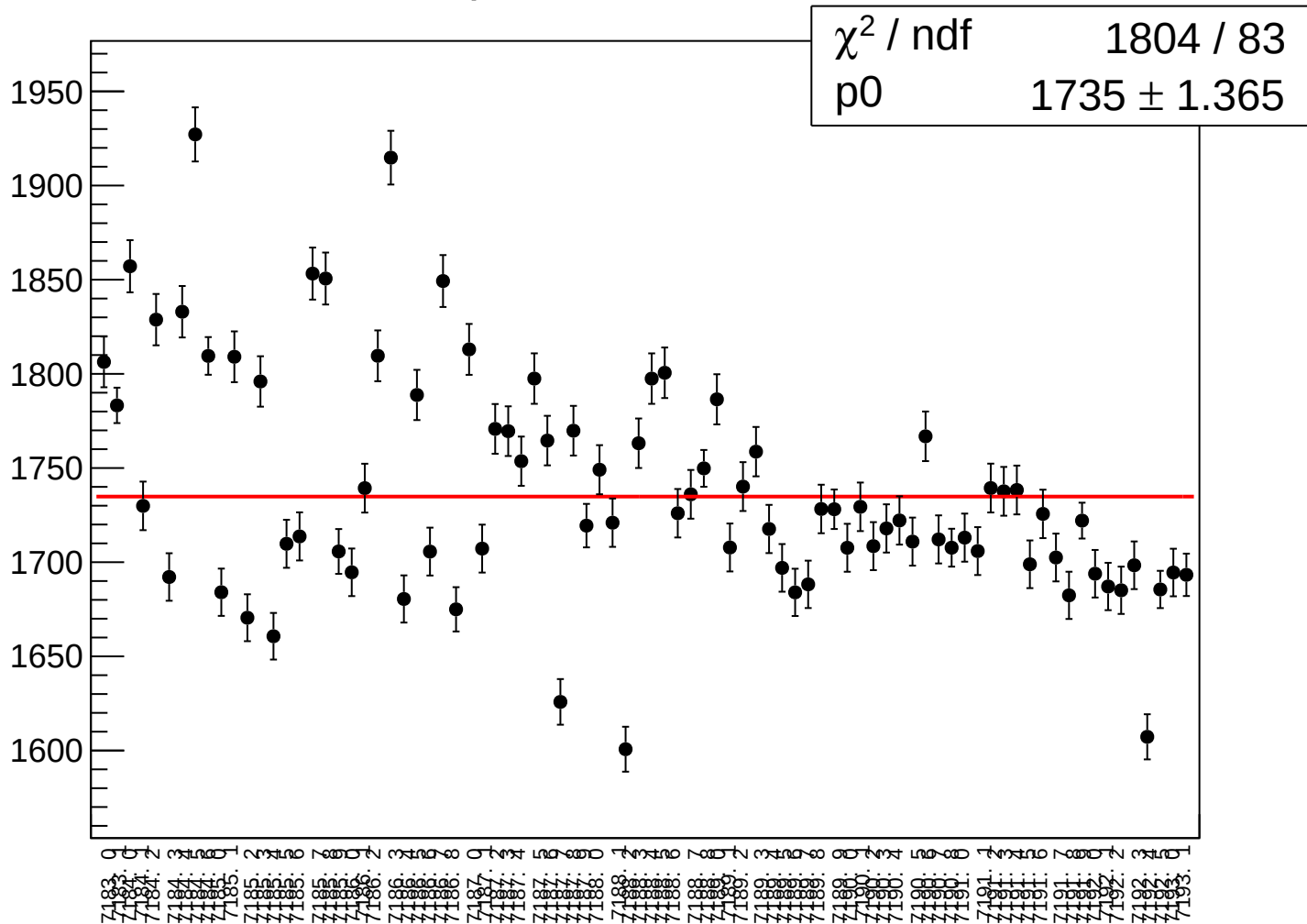
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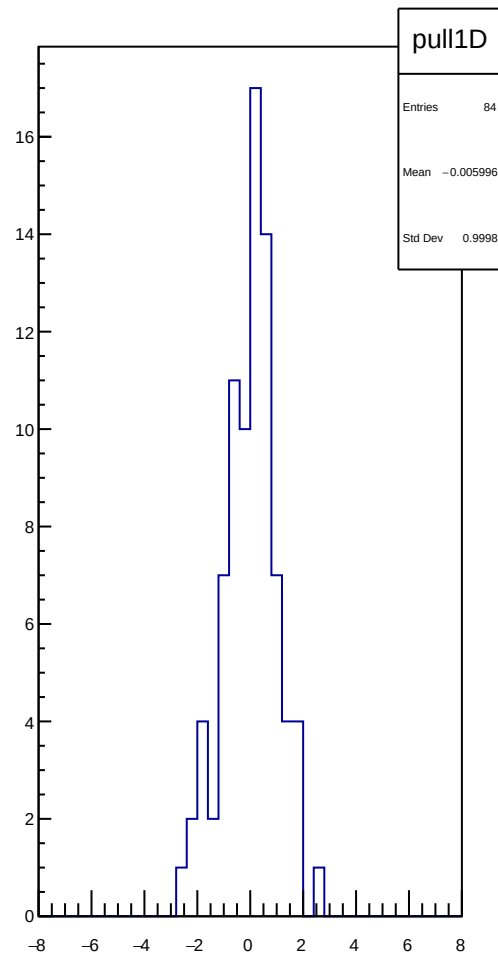
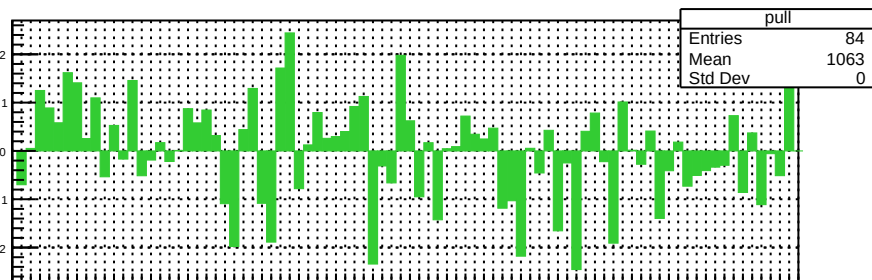
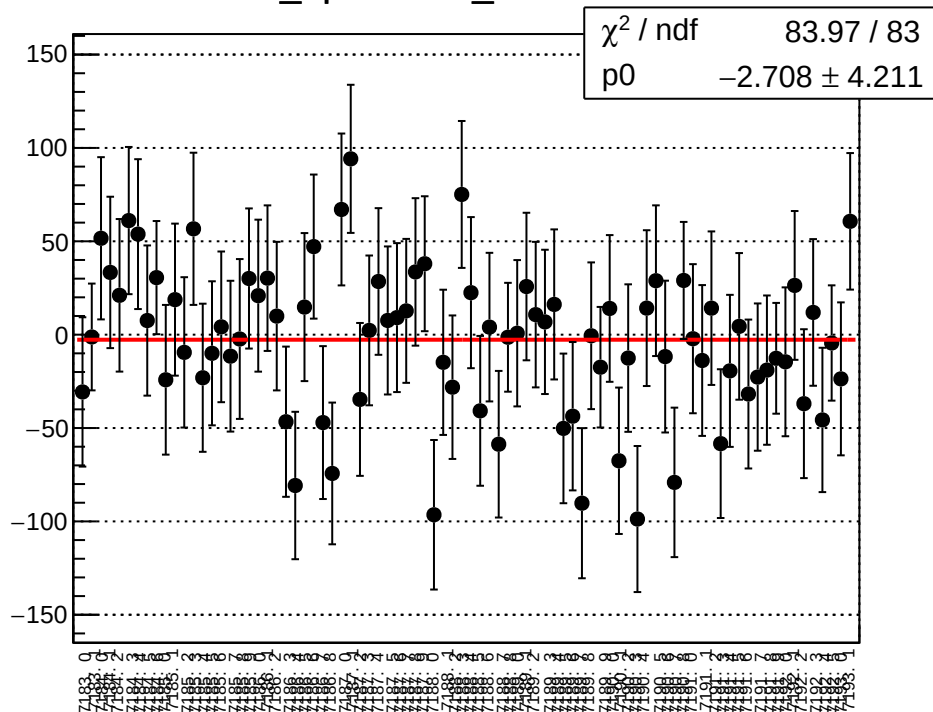
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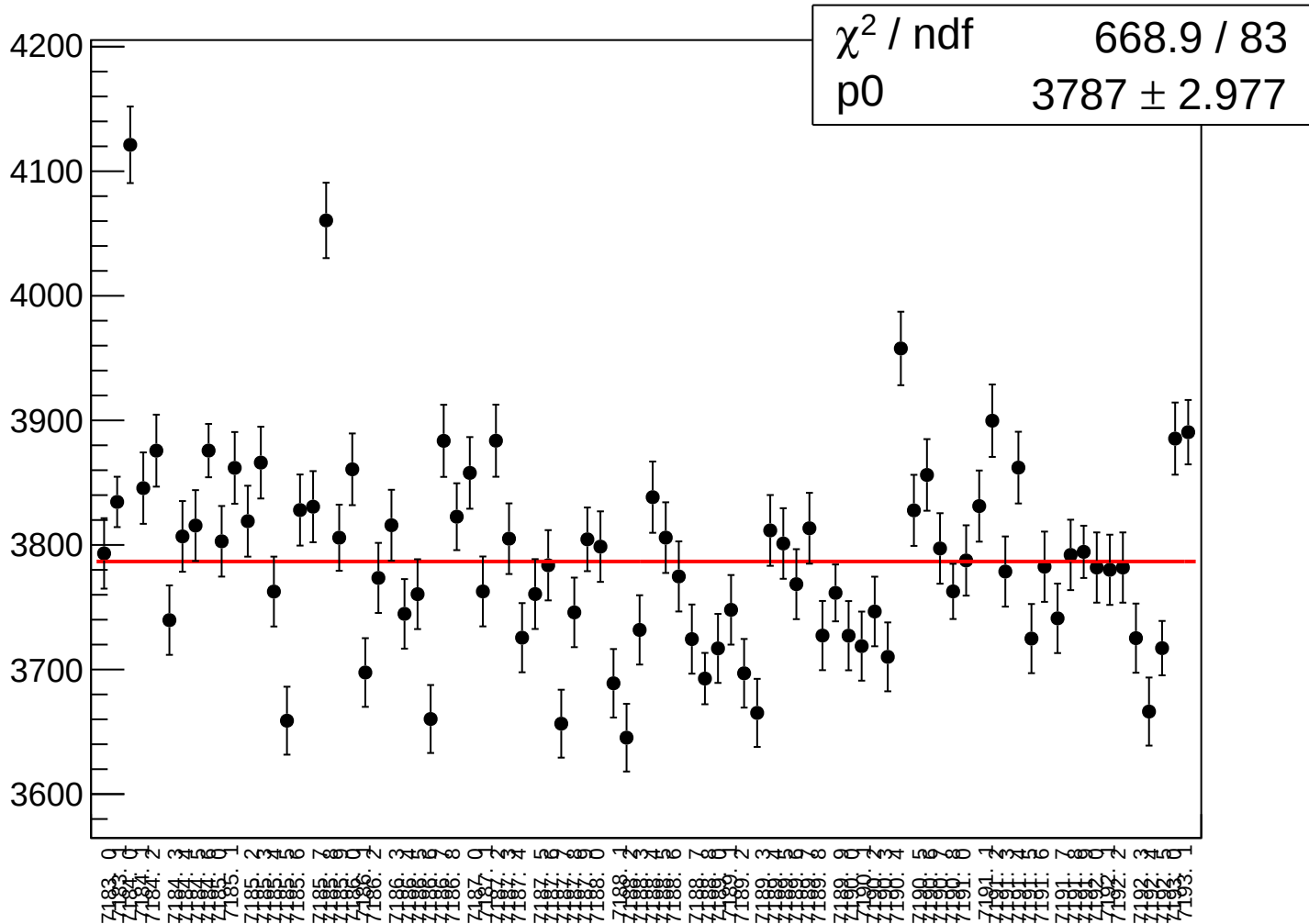
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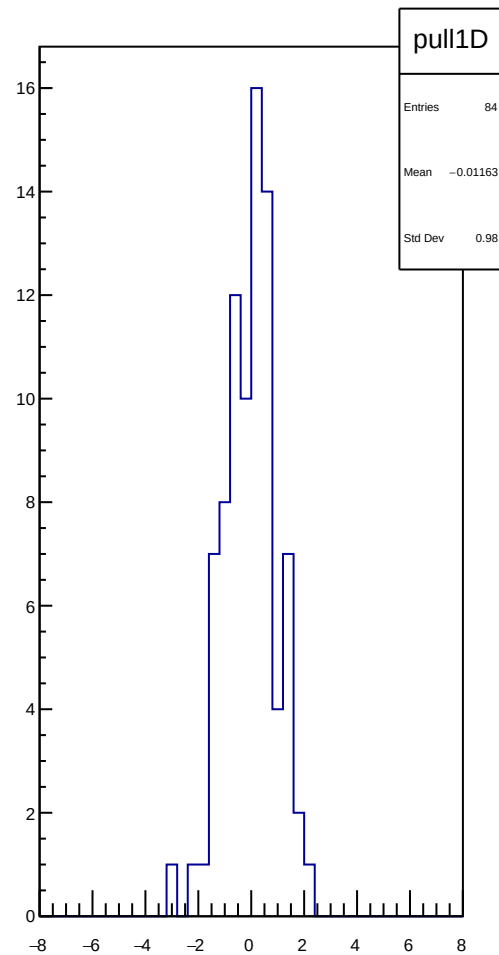
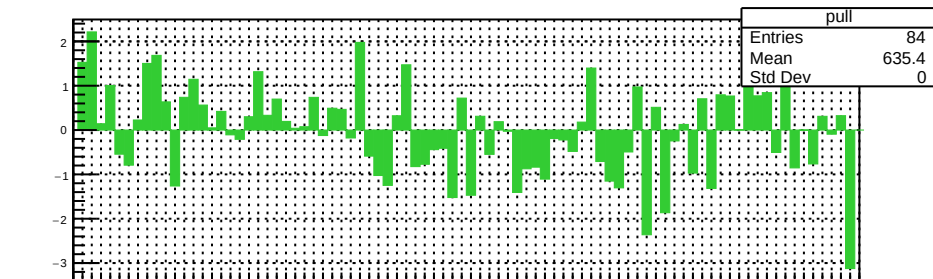
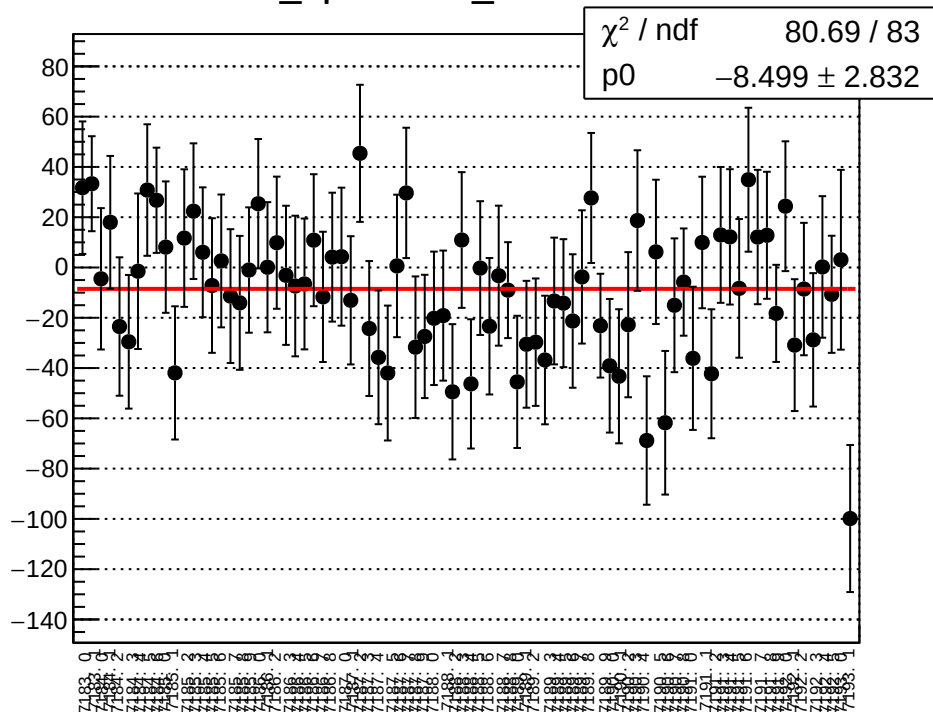
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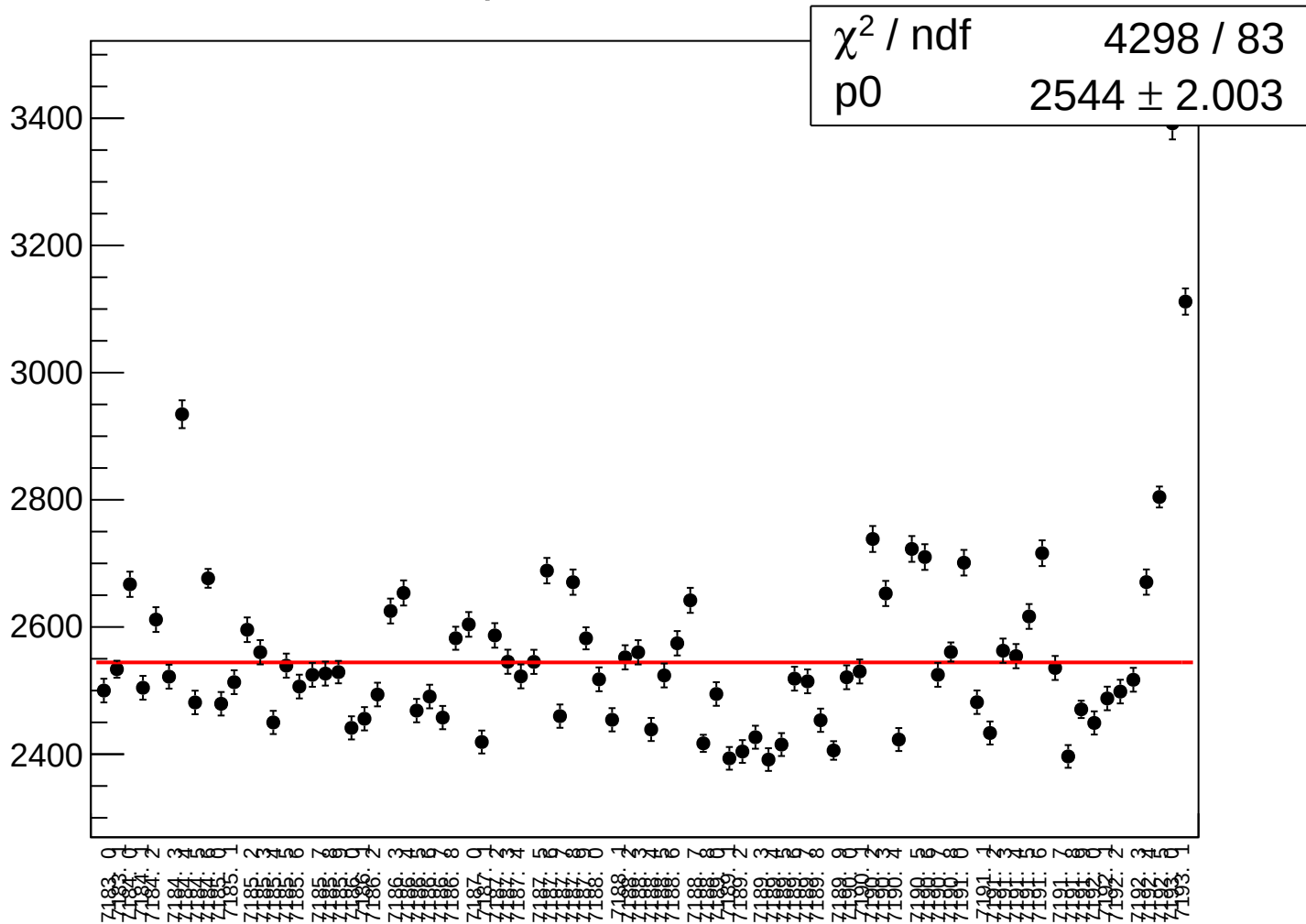
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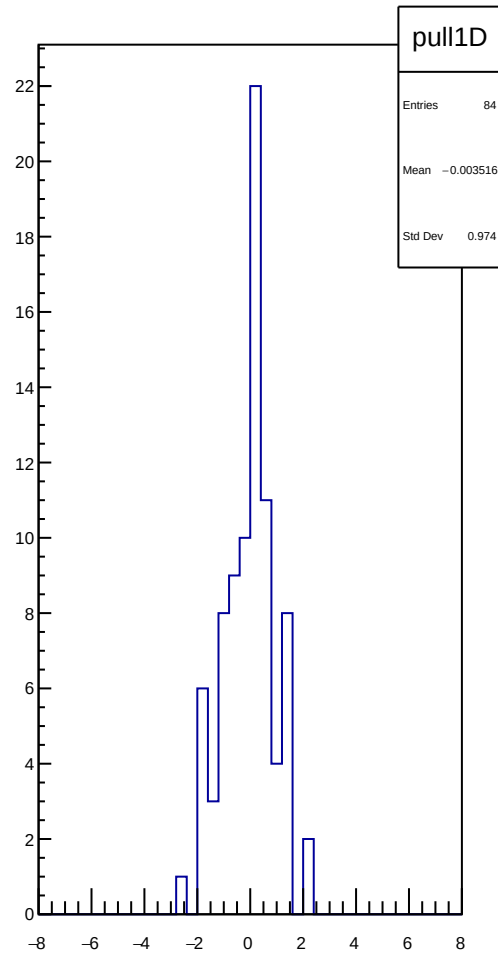
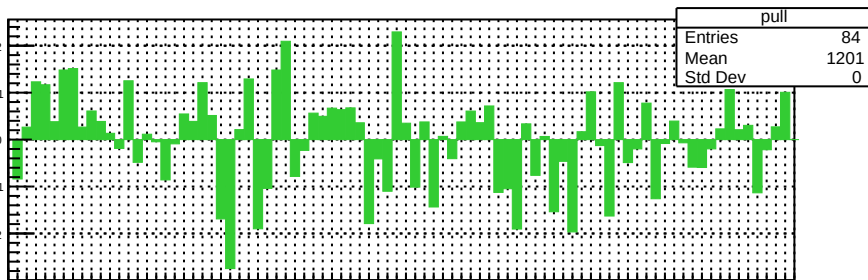
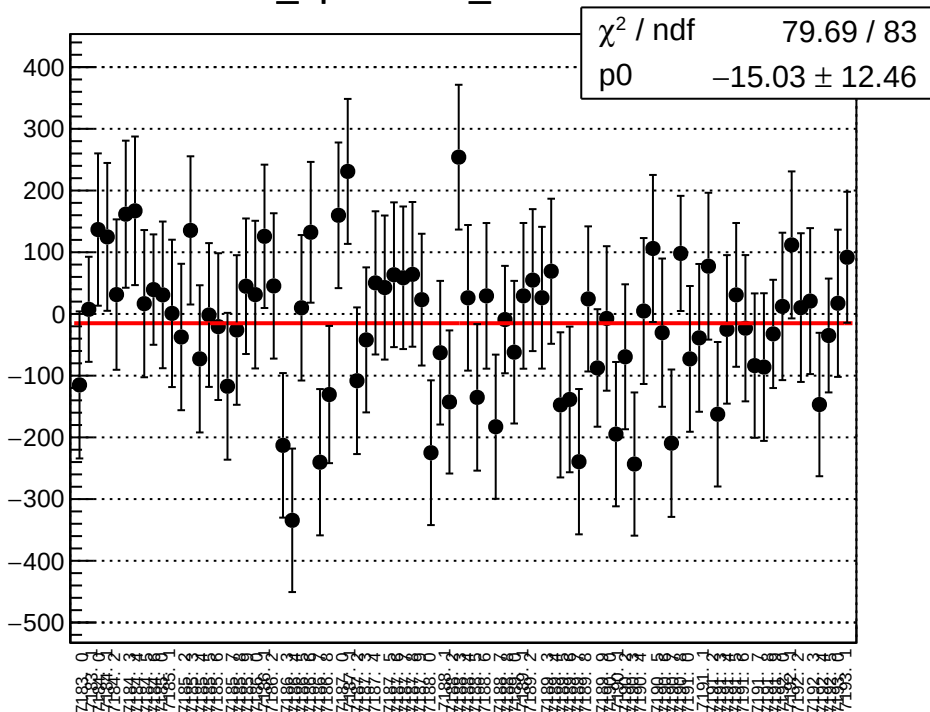
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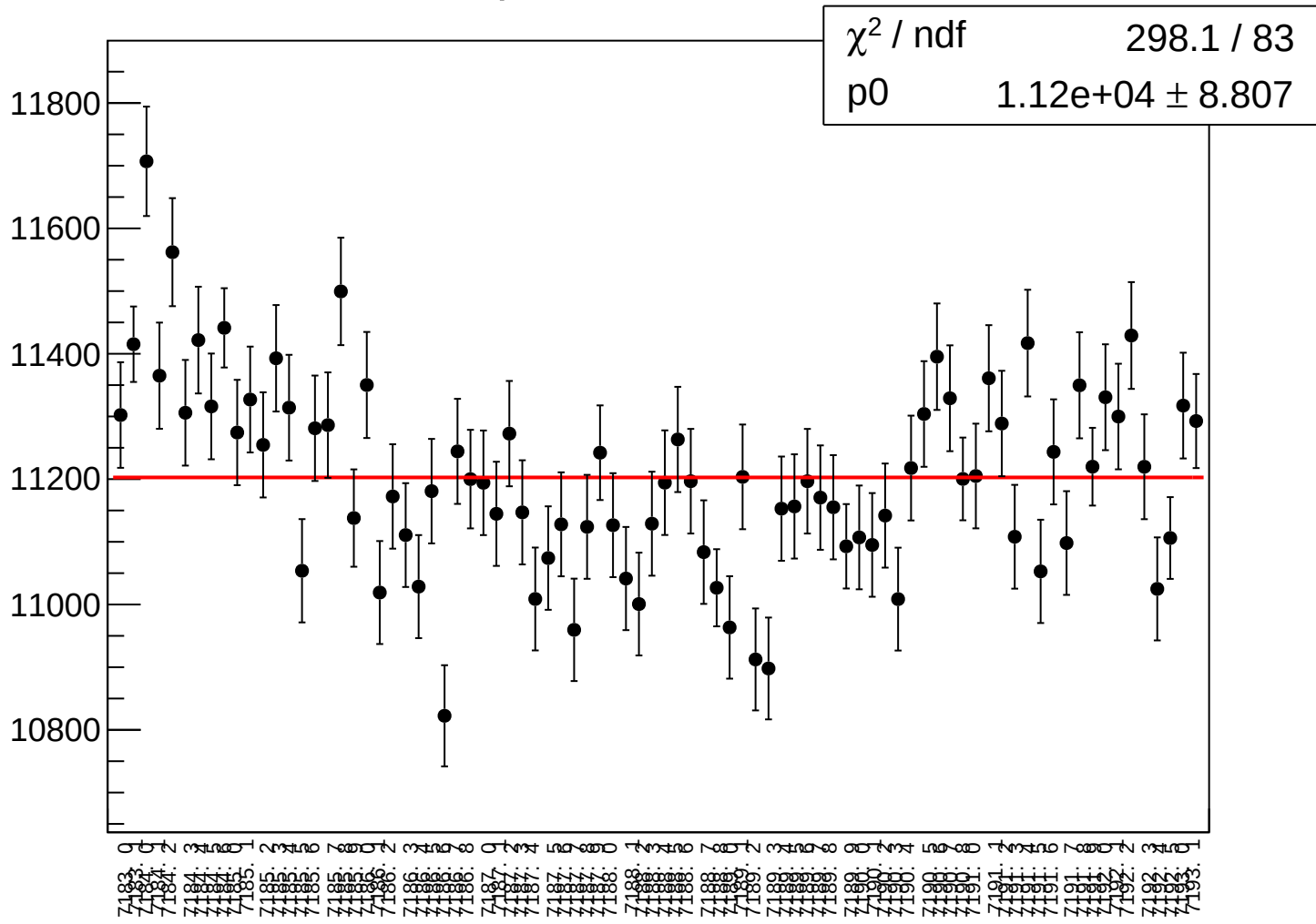
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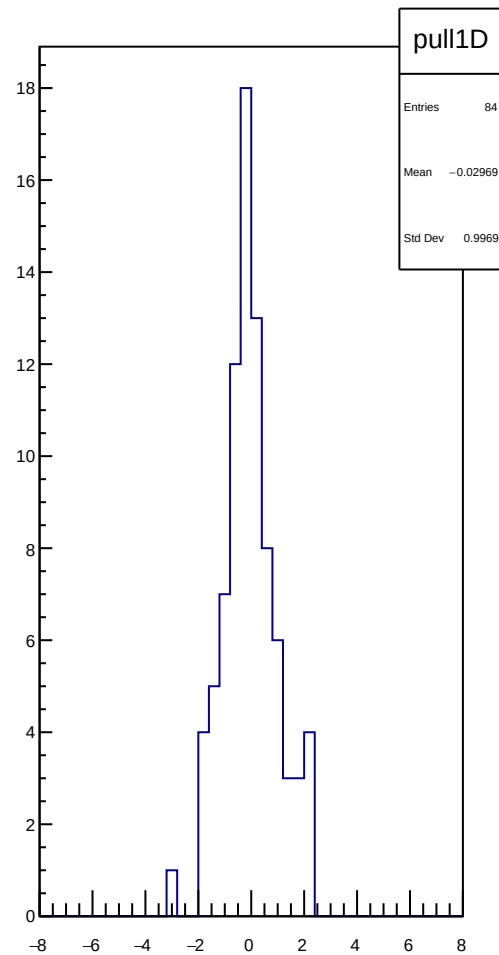
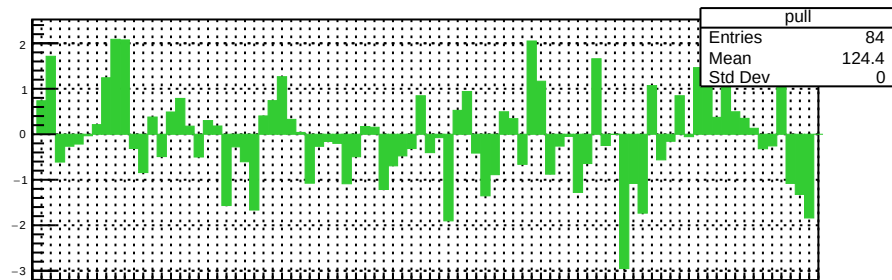
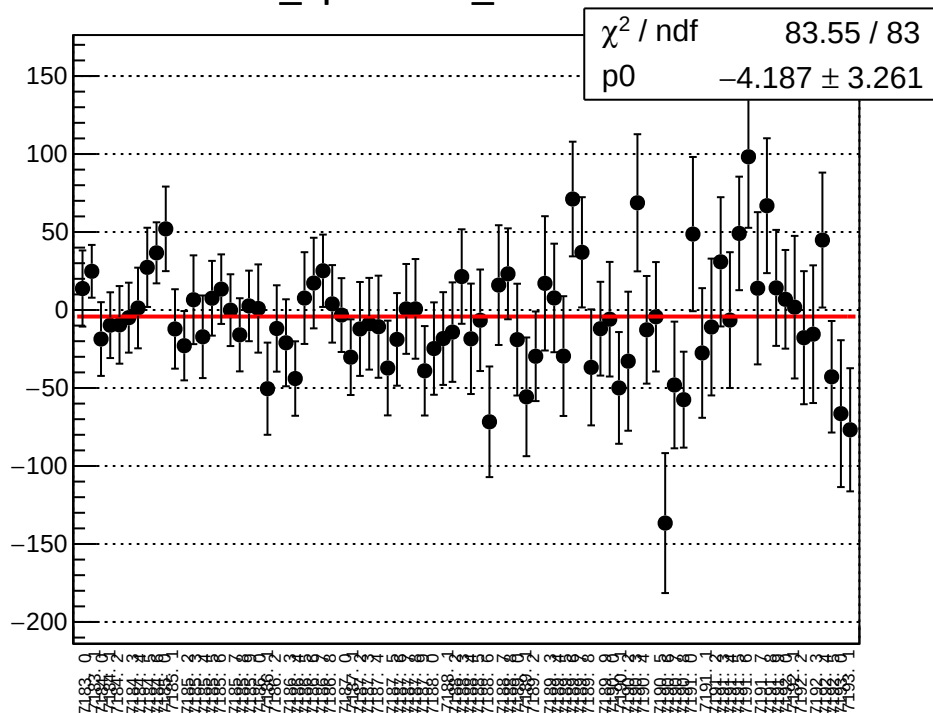
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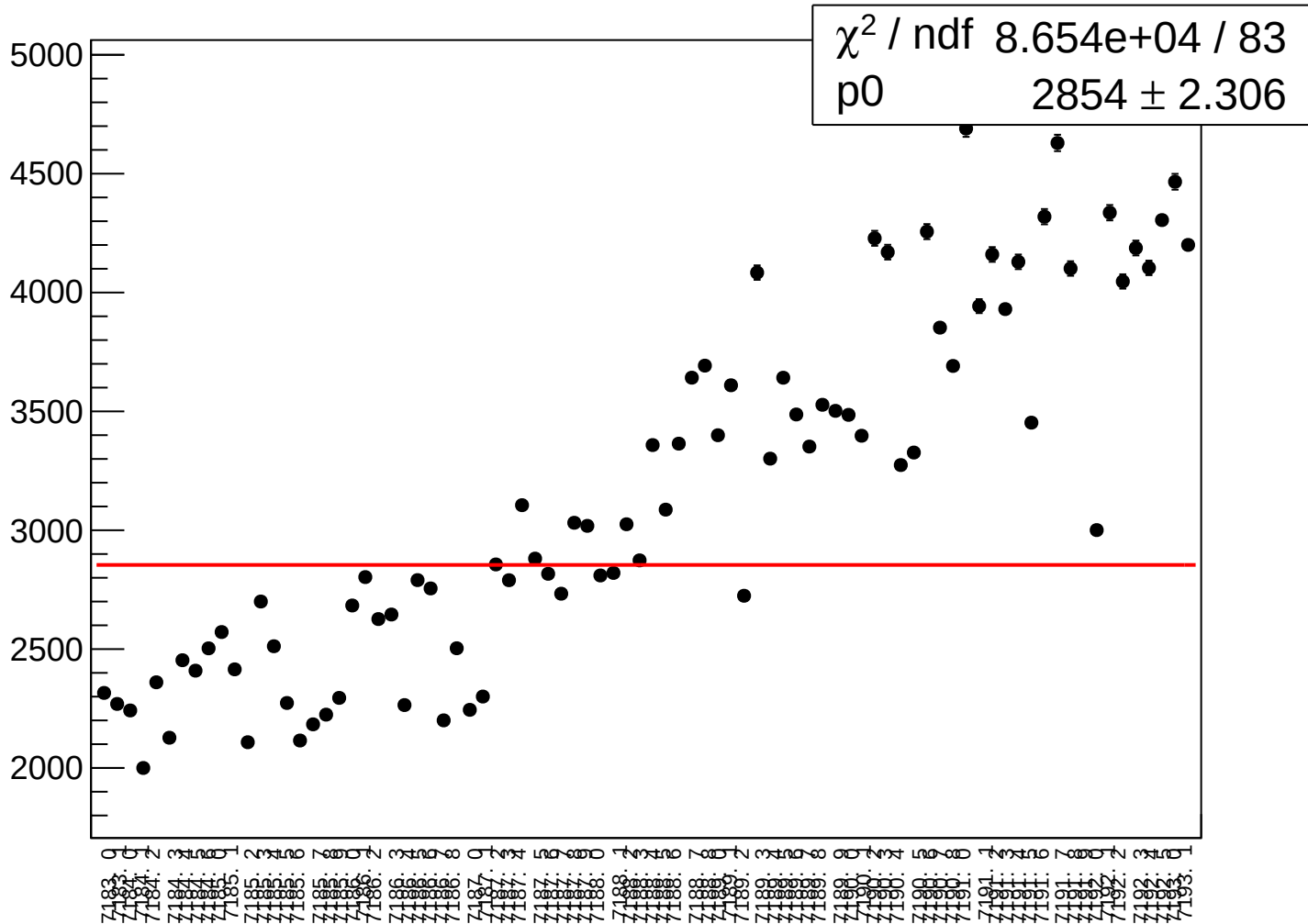
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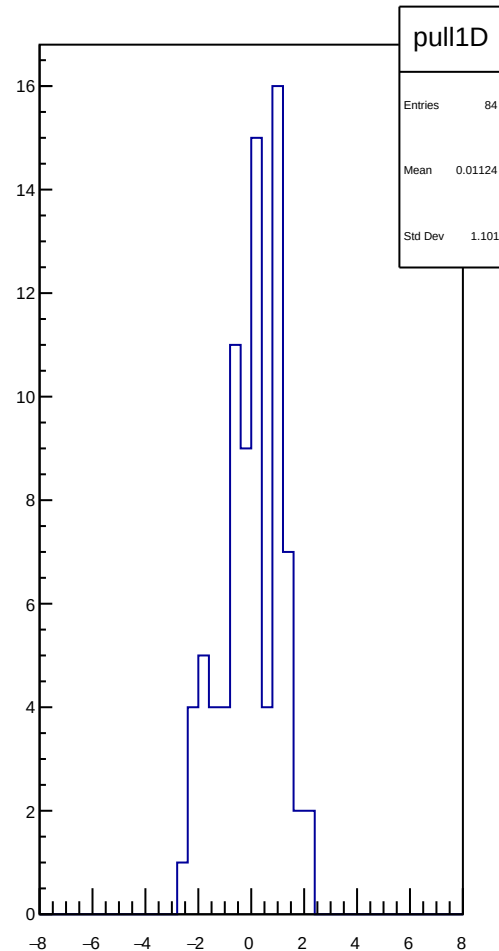
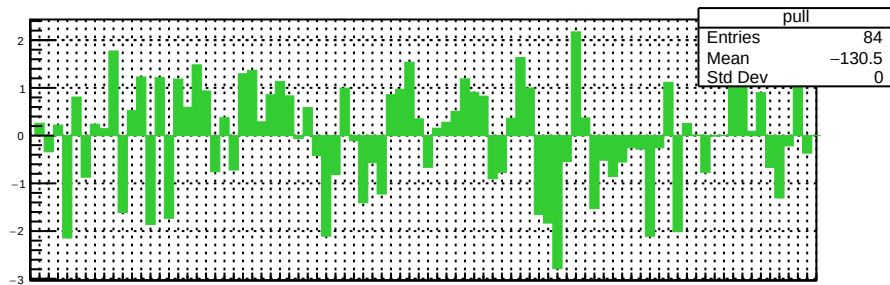
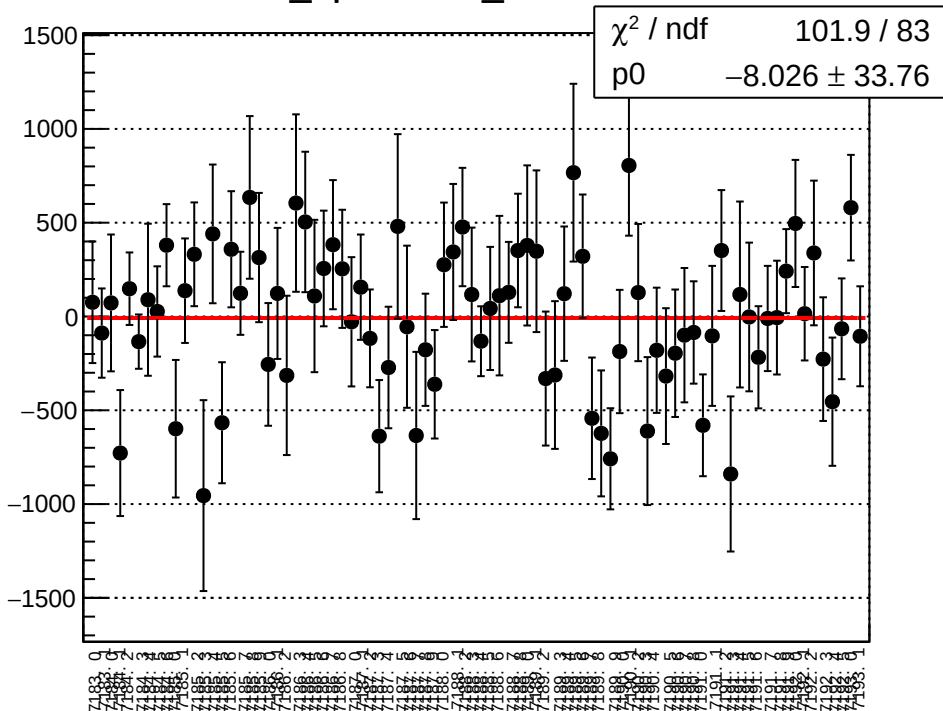
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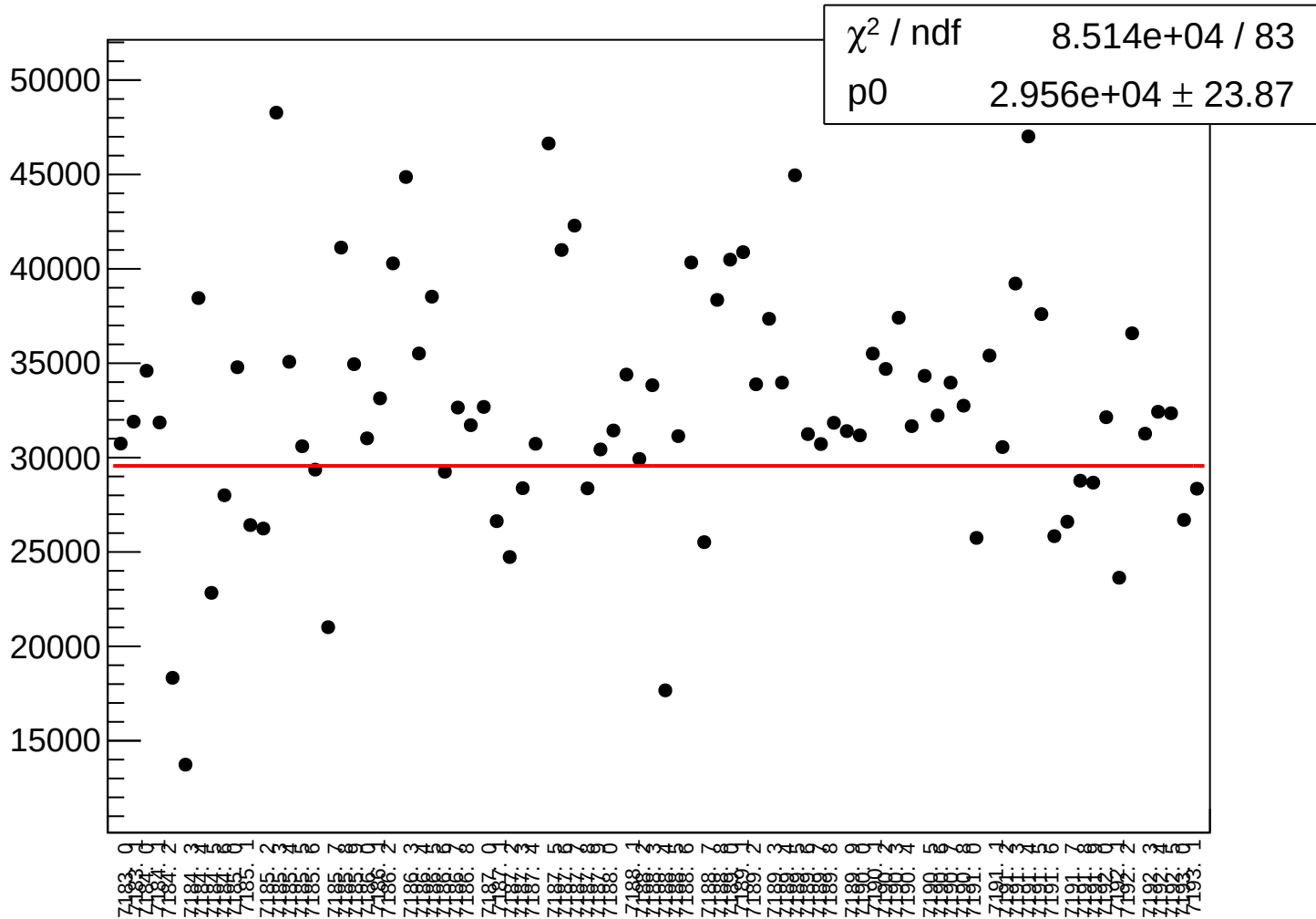
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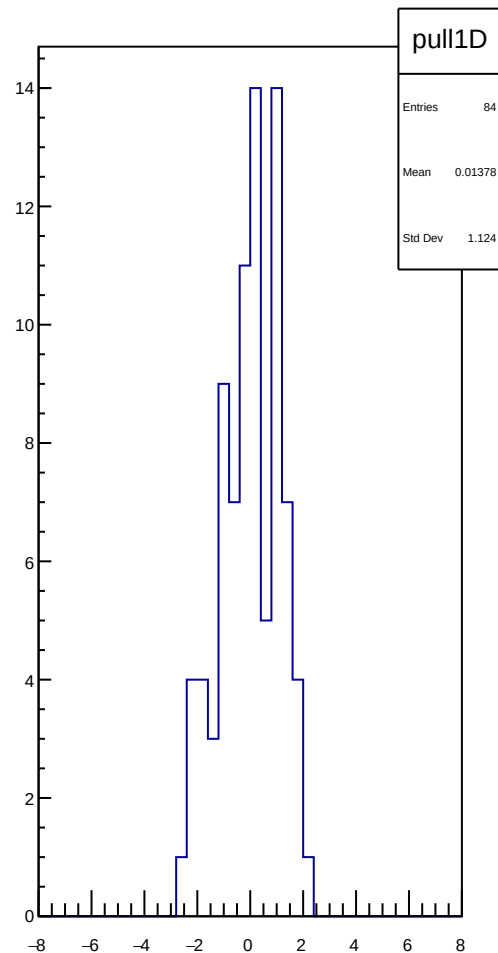
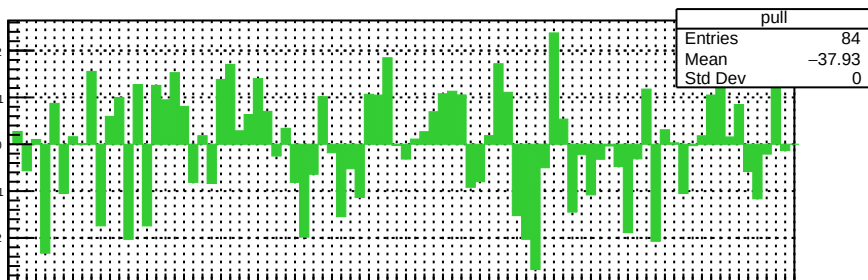
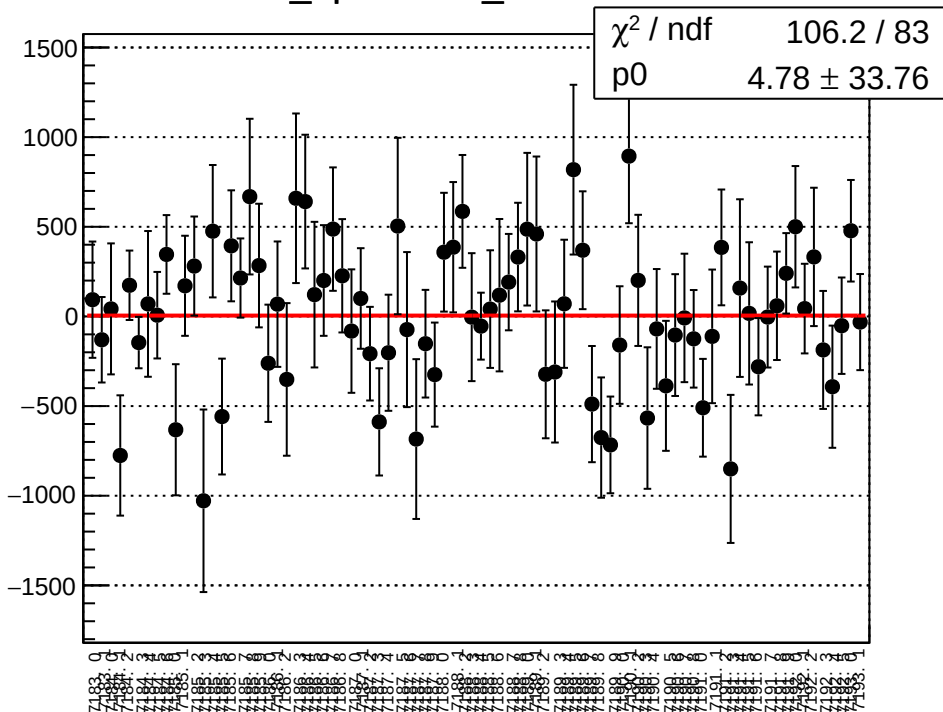
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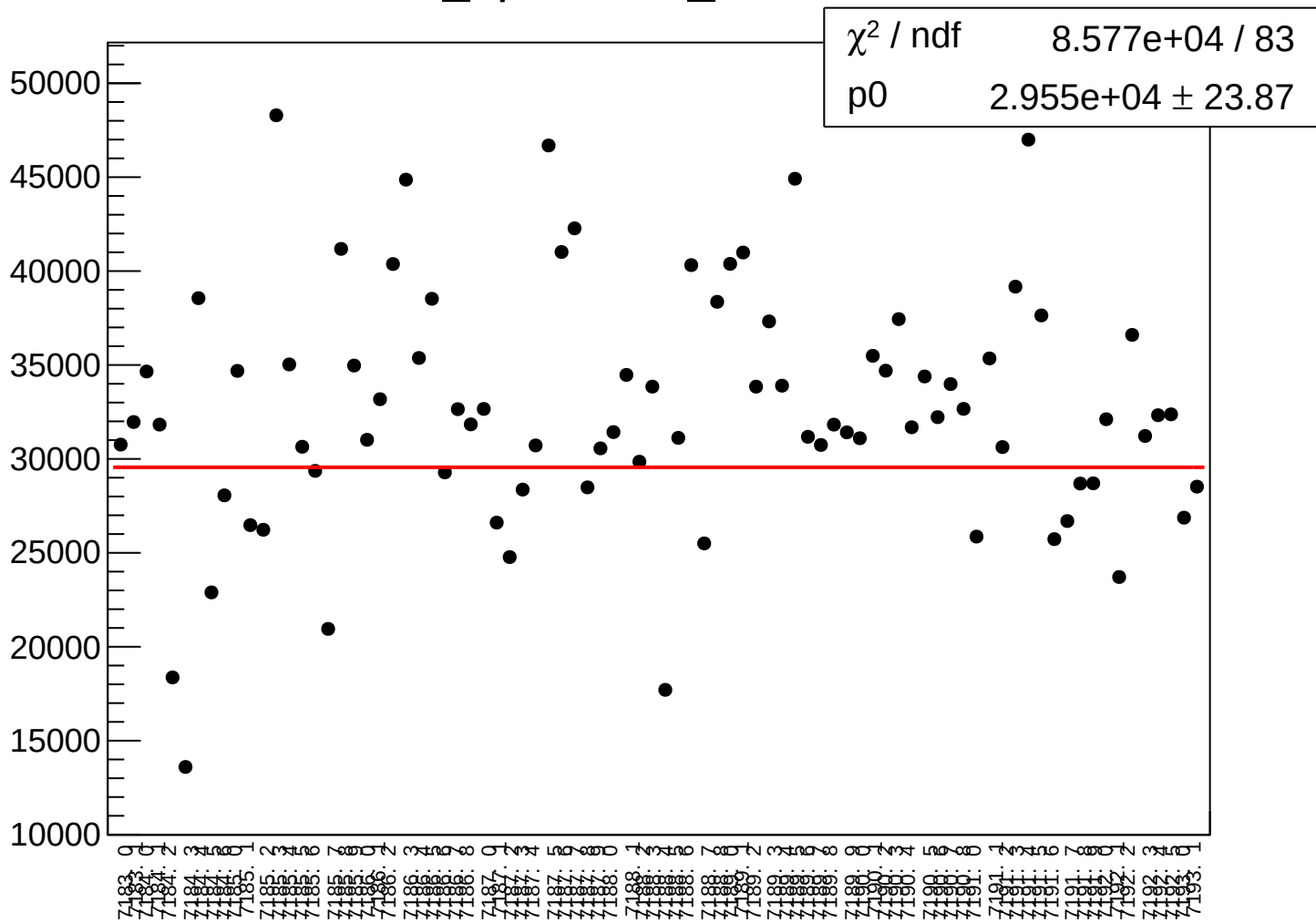
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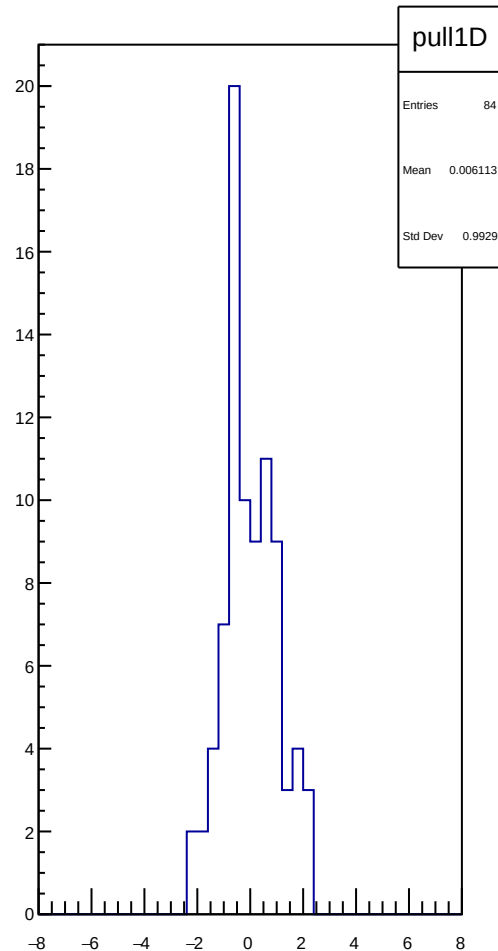
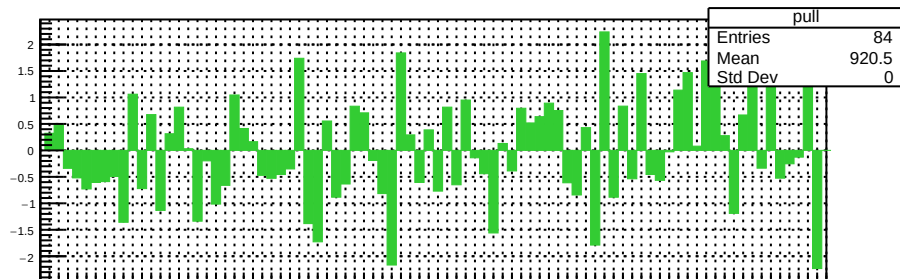
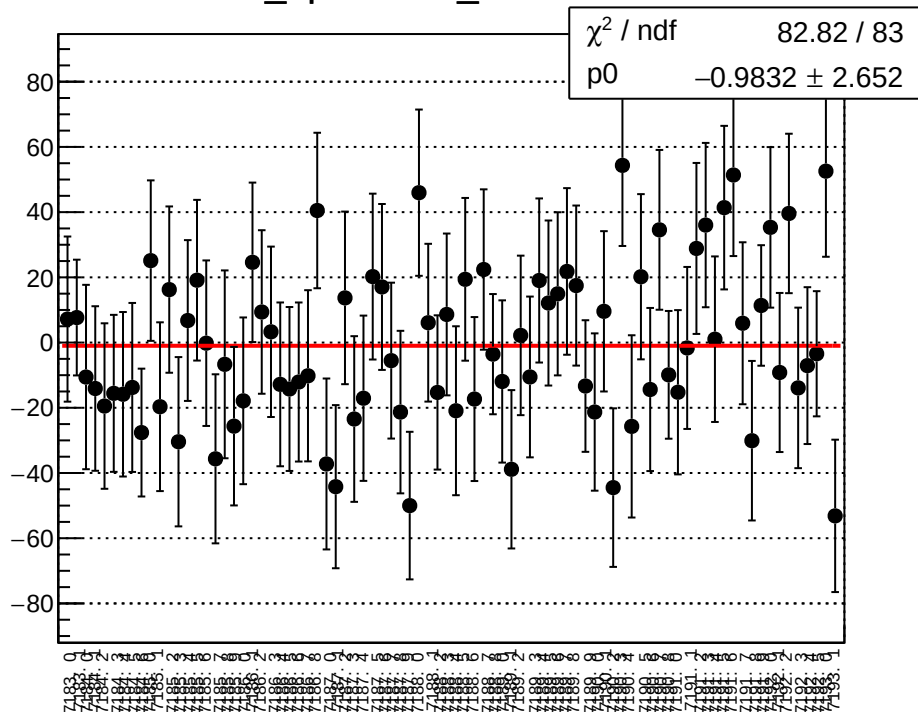
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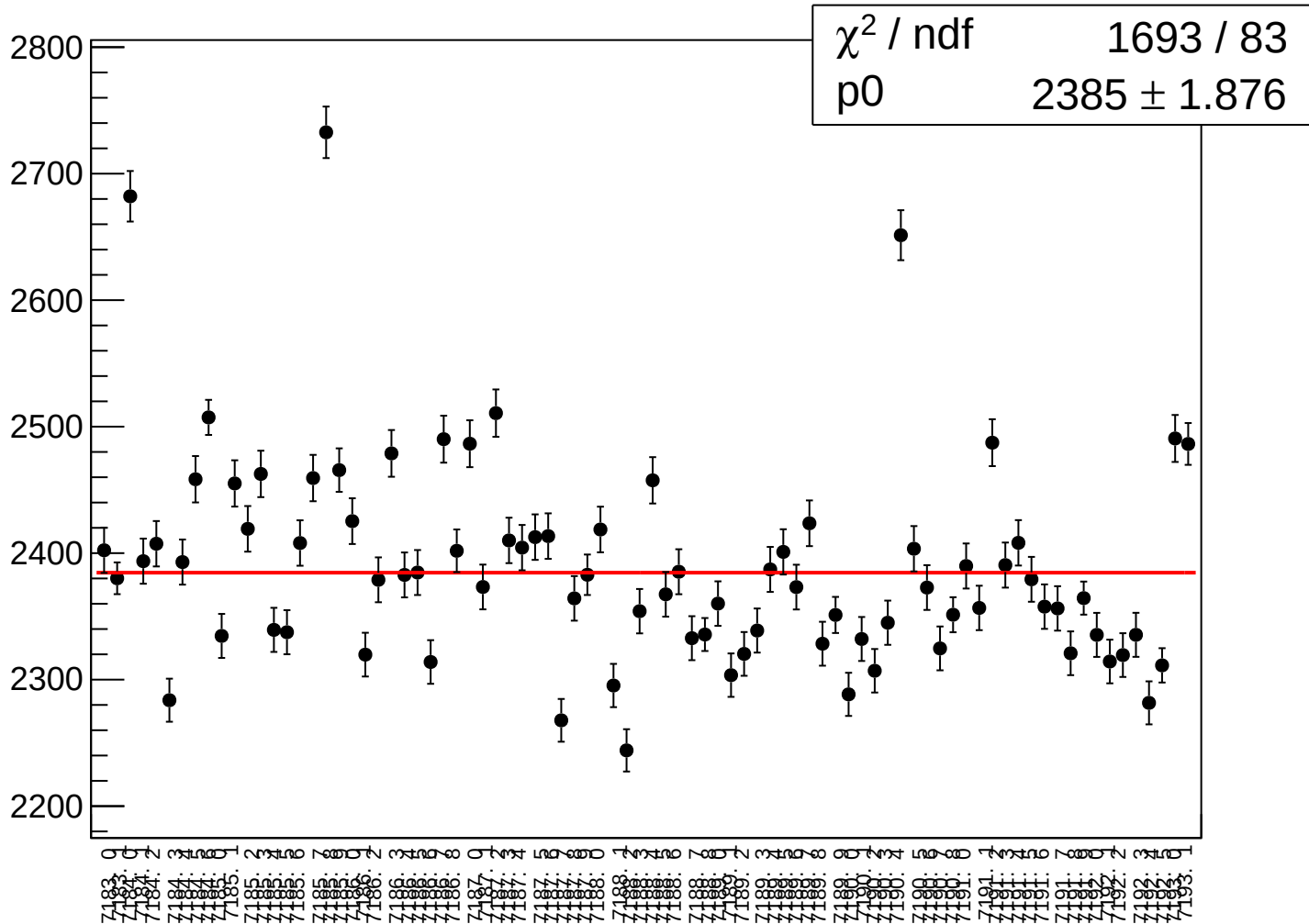
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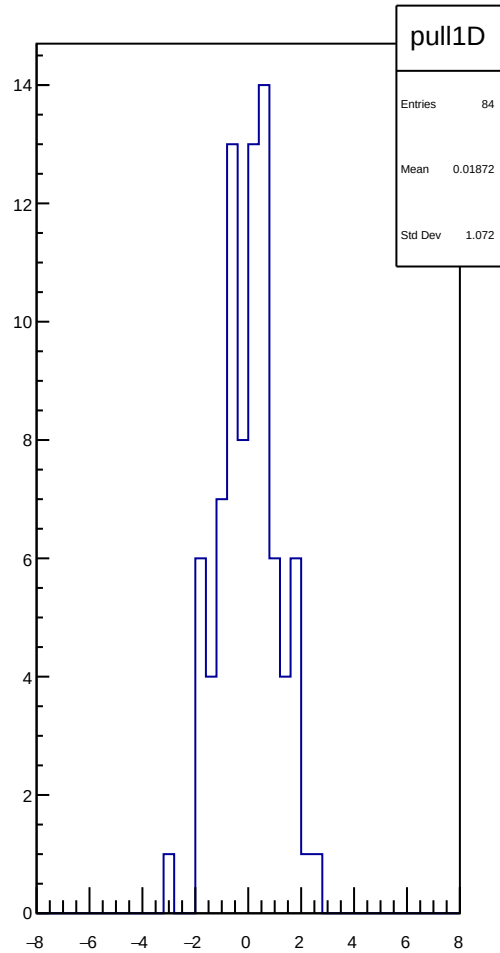
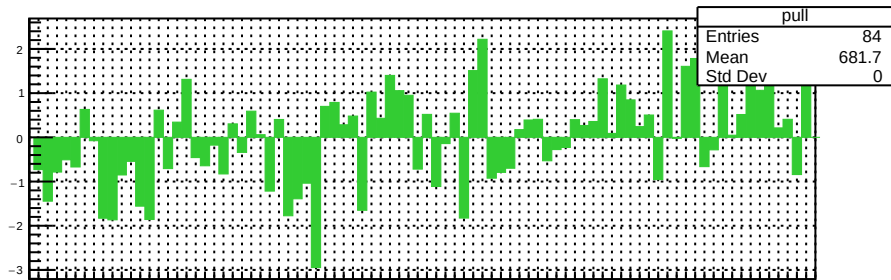
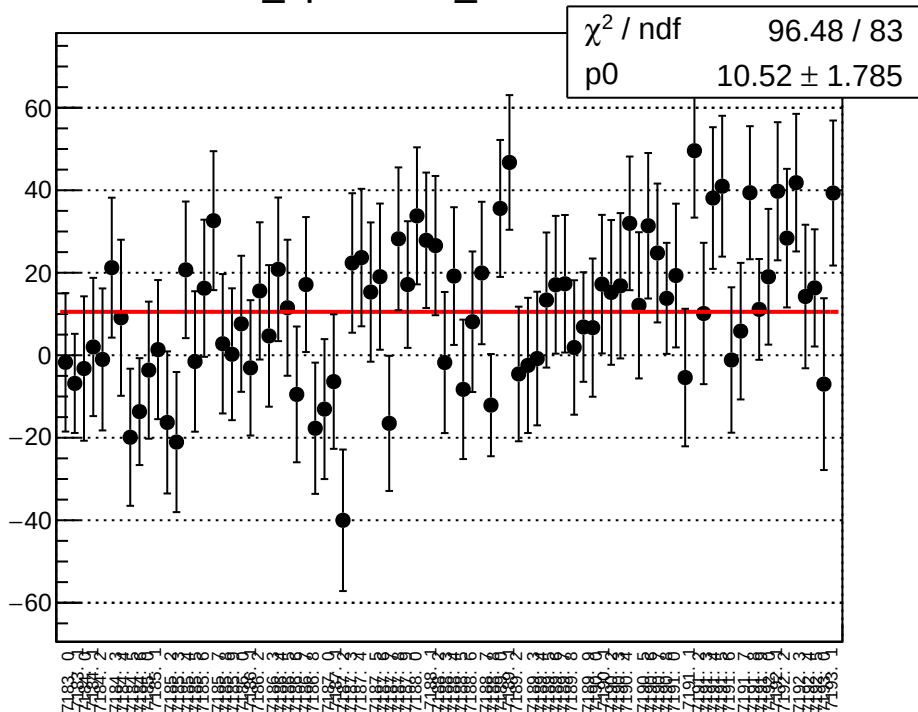
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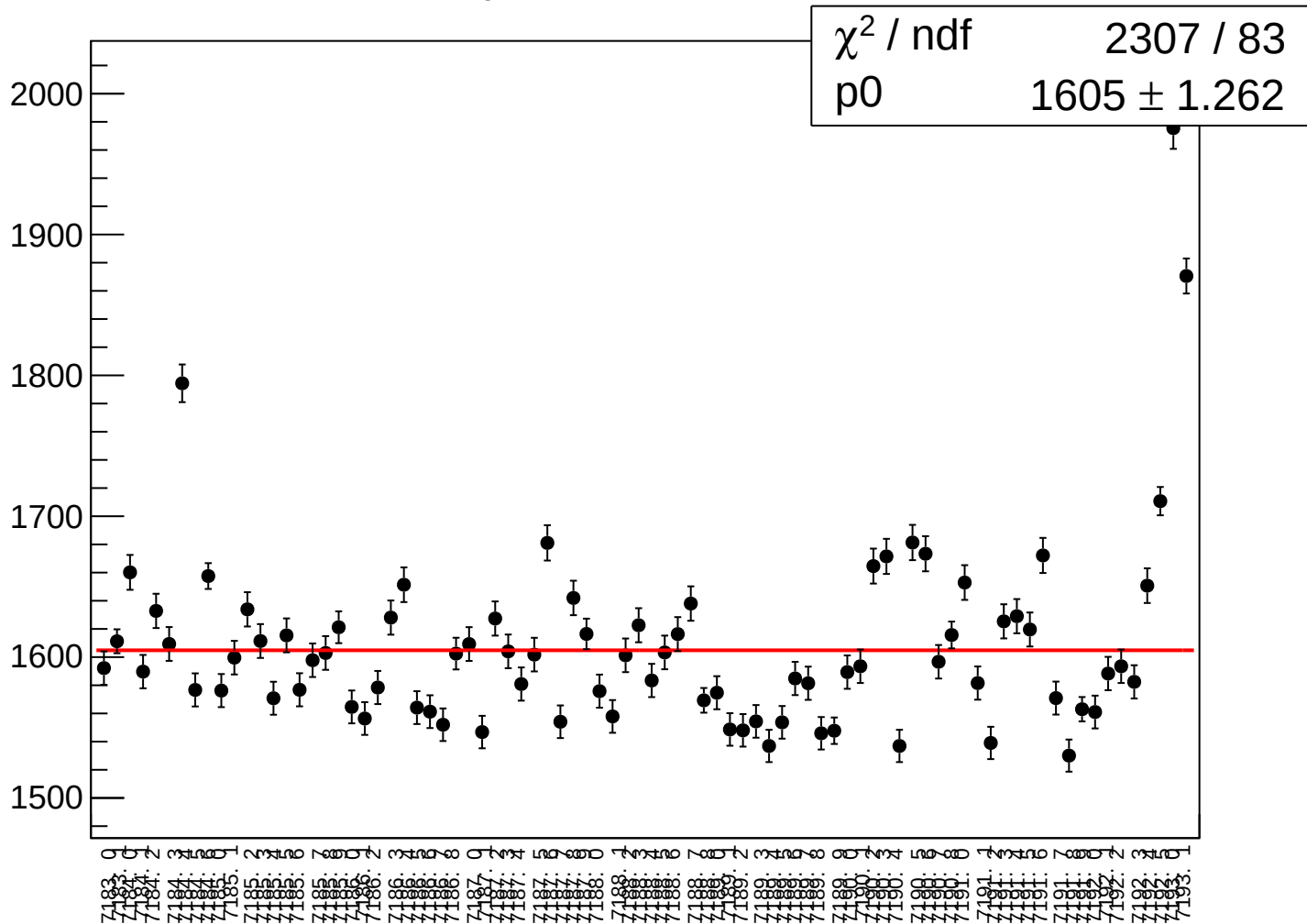
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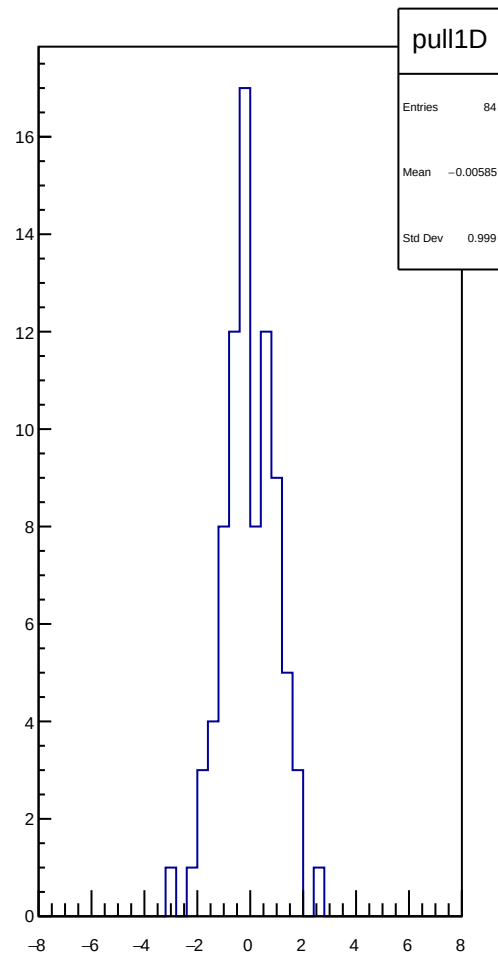
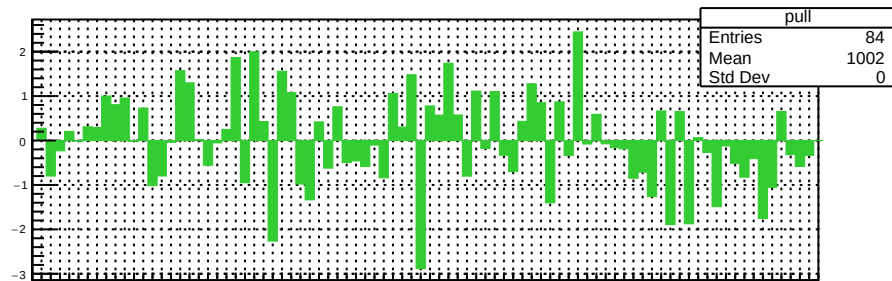
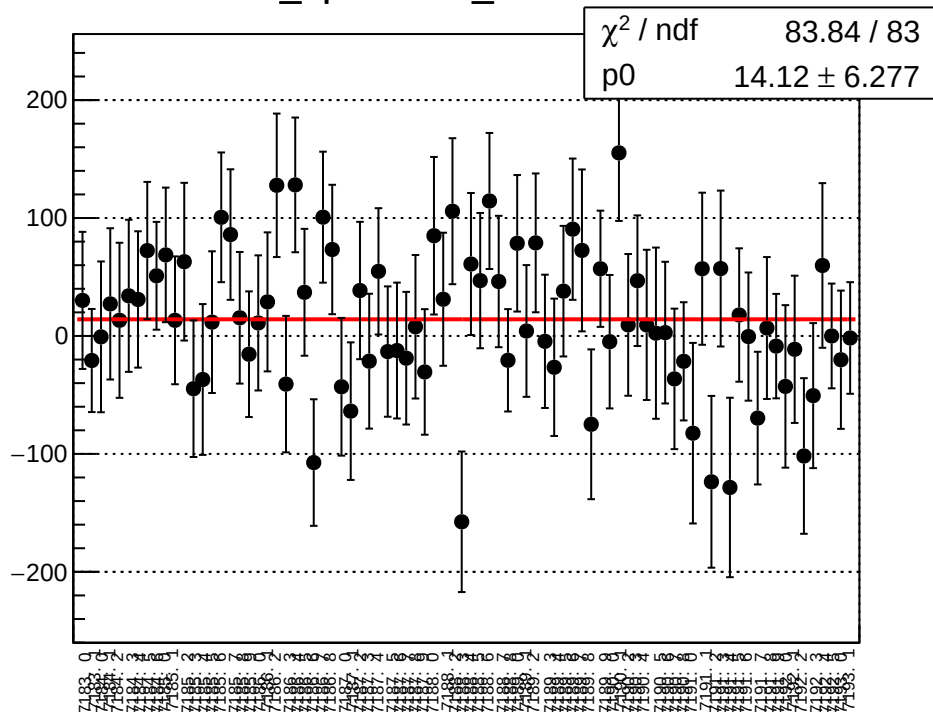
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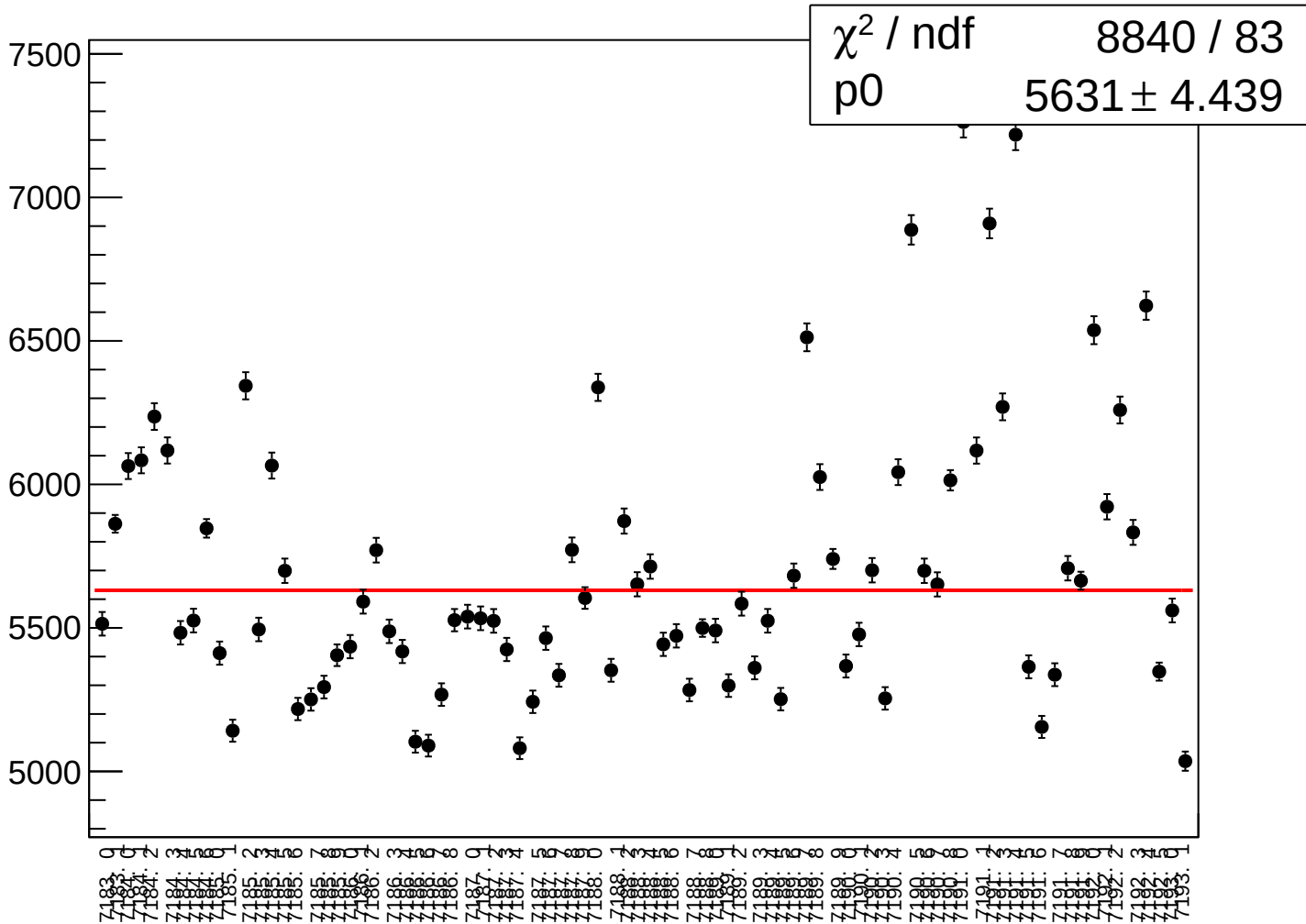
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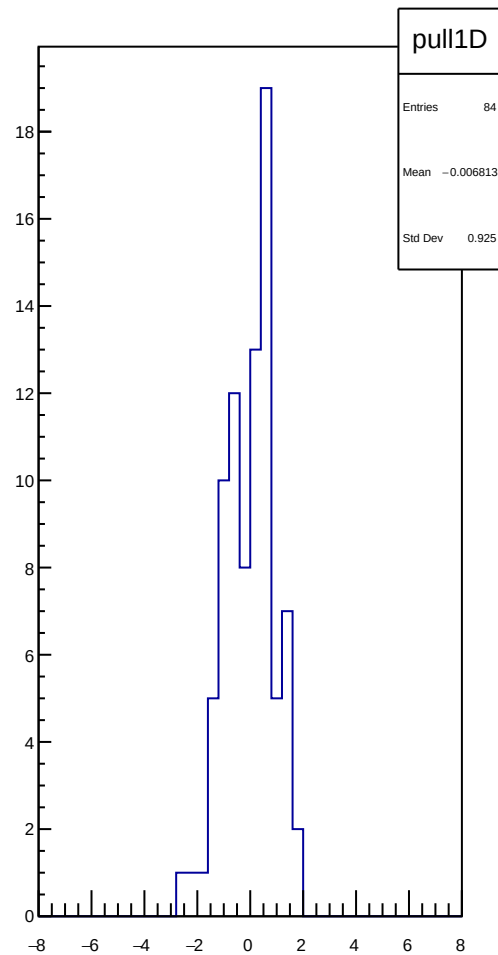
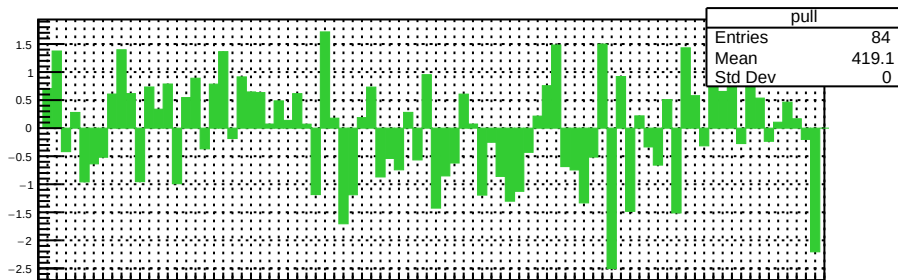
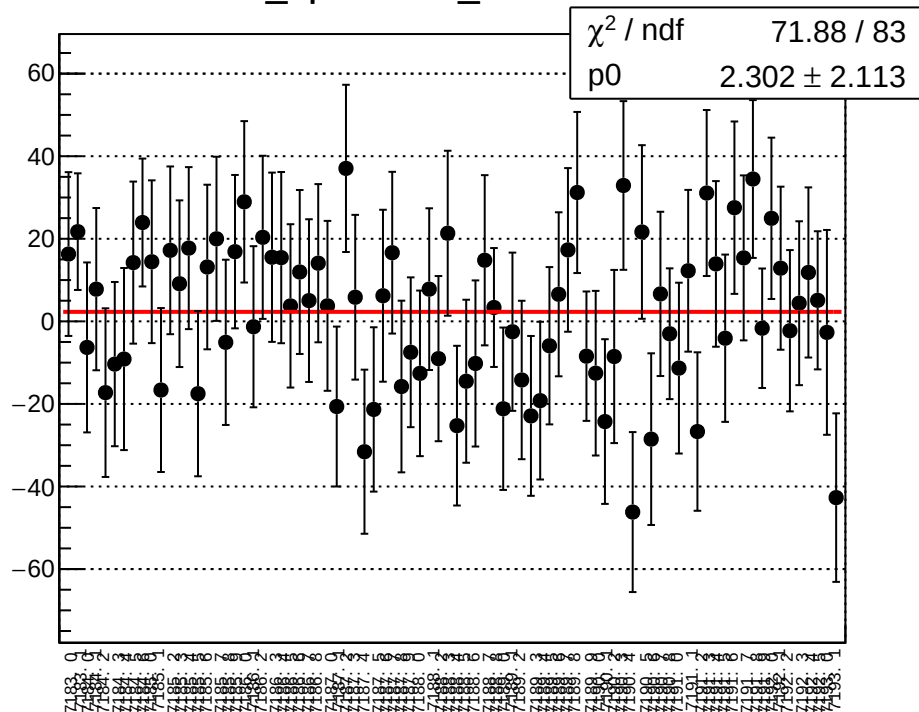
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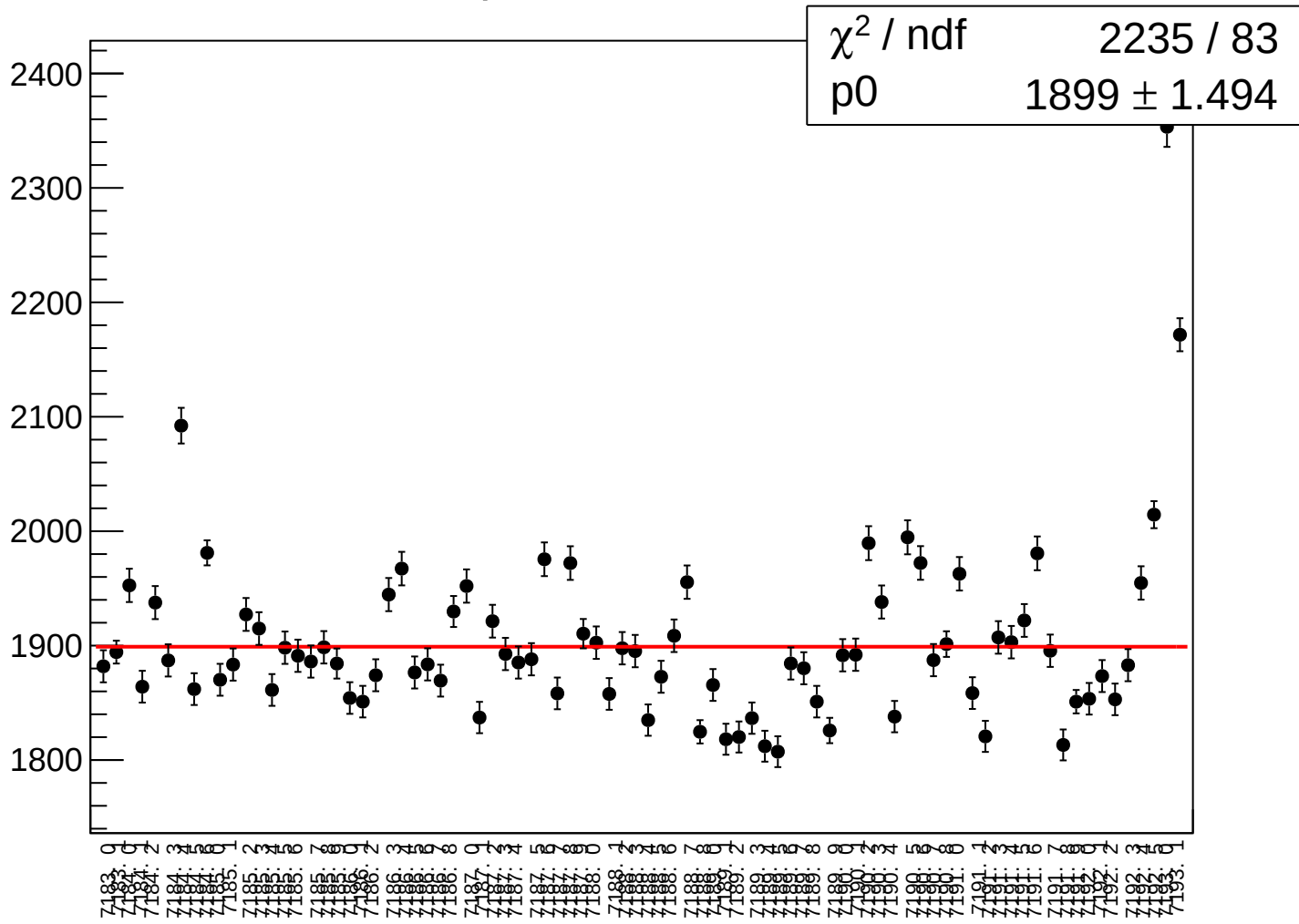
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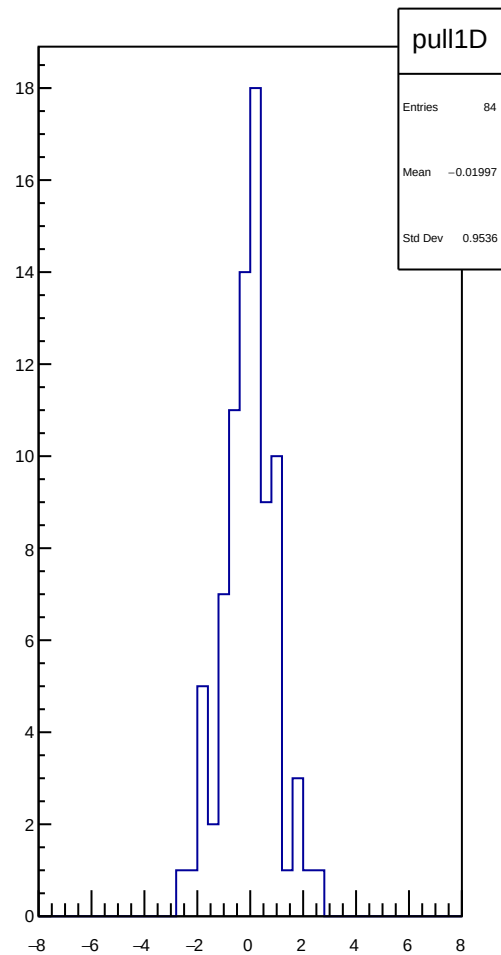
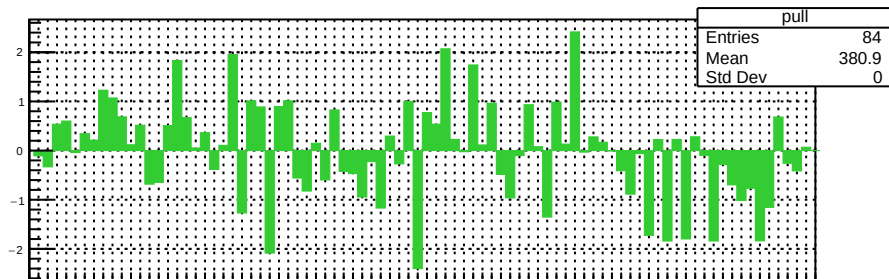
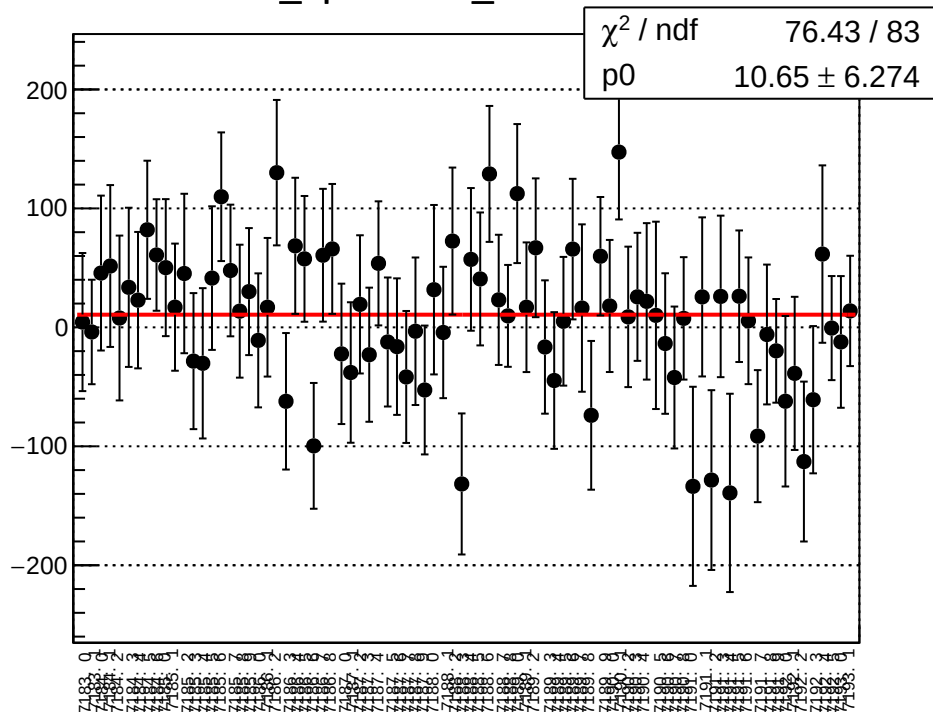
diff_bpm0I05Y_mean vs run



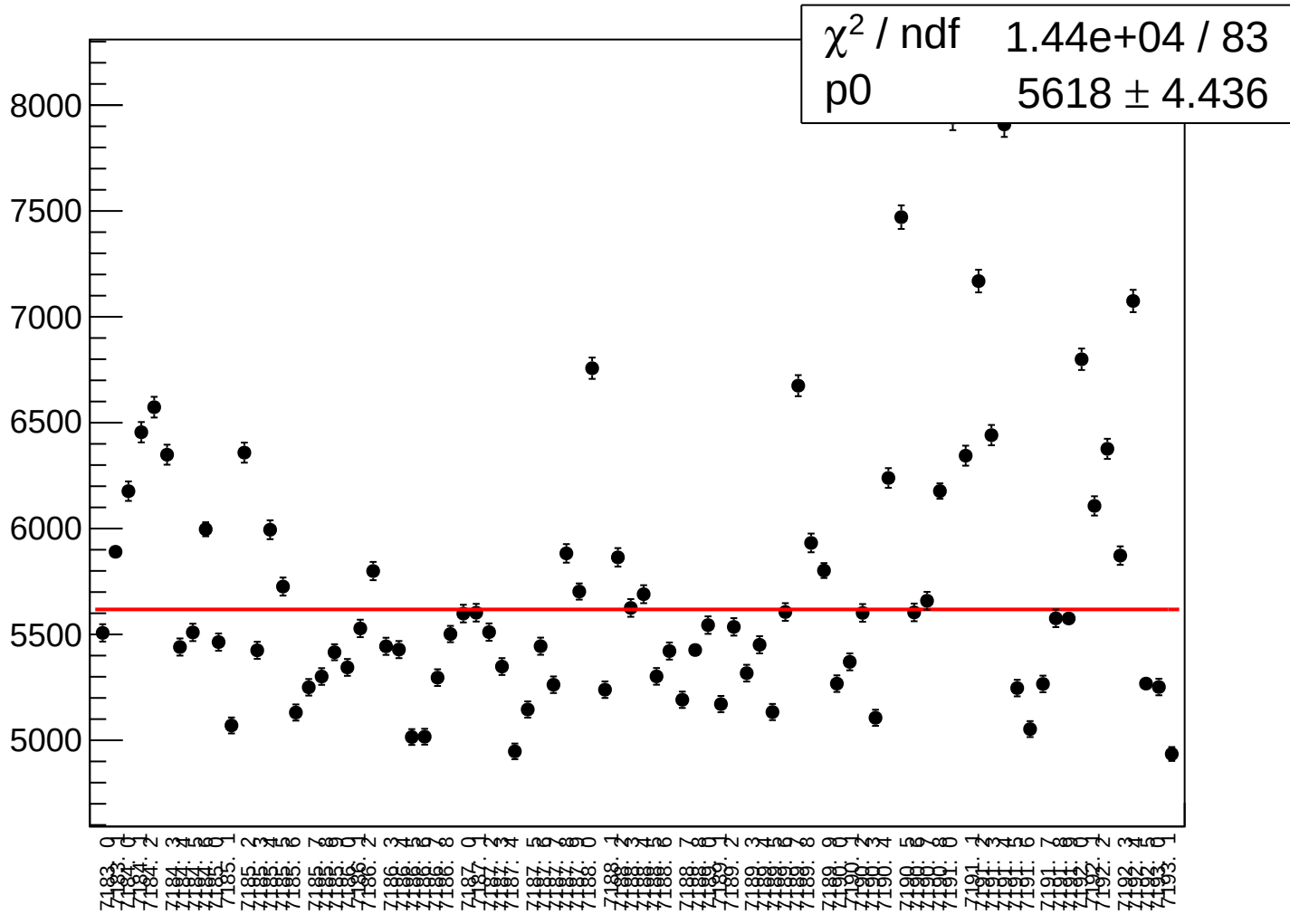
diff_bpm0l05Y_rms vs run



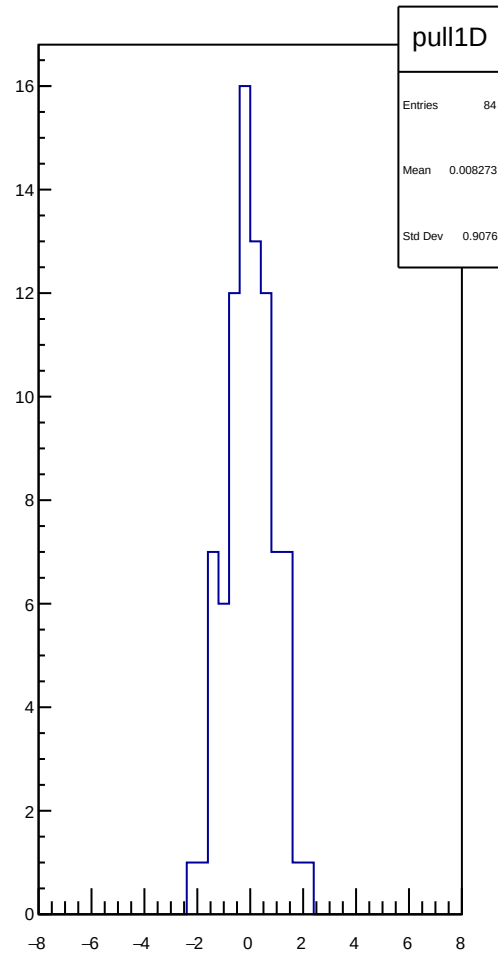
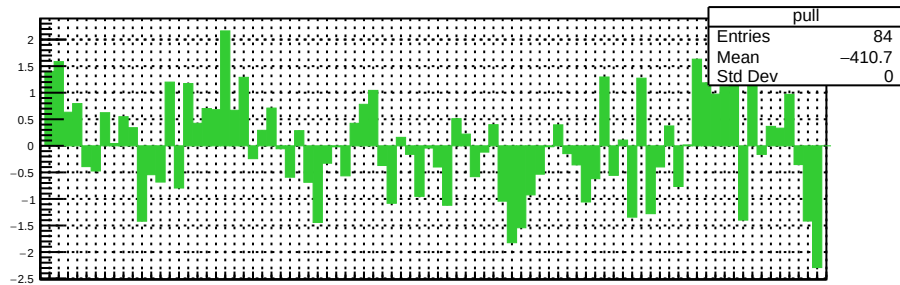
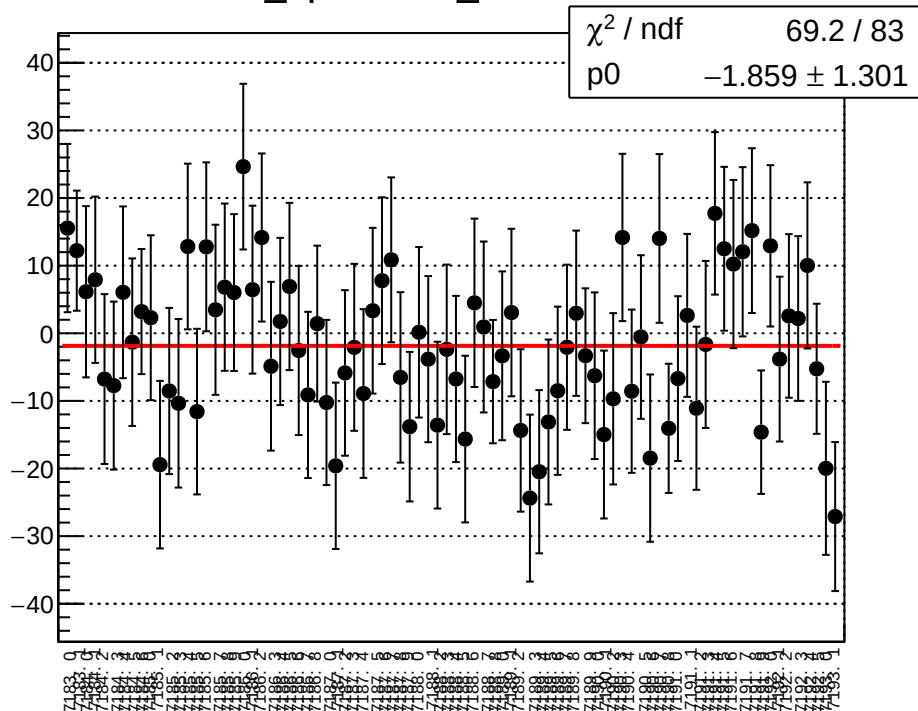
diff_bpm0l06X_mean vs run



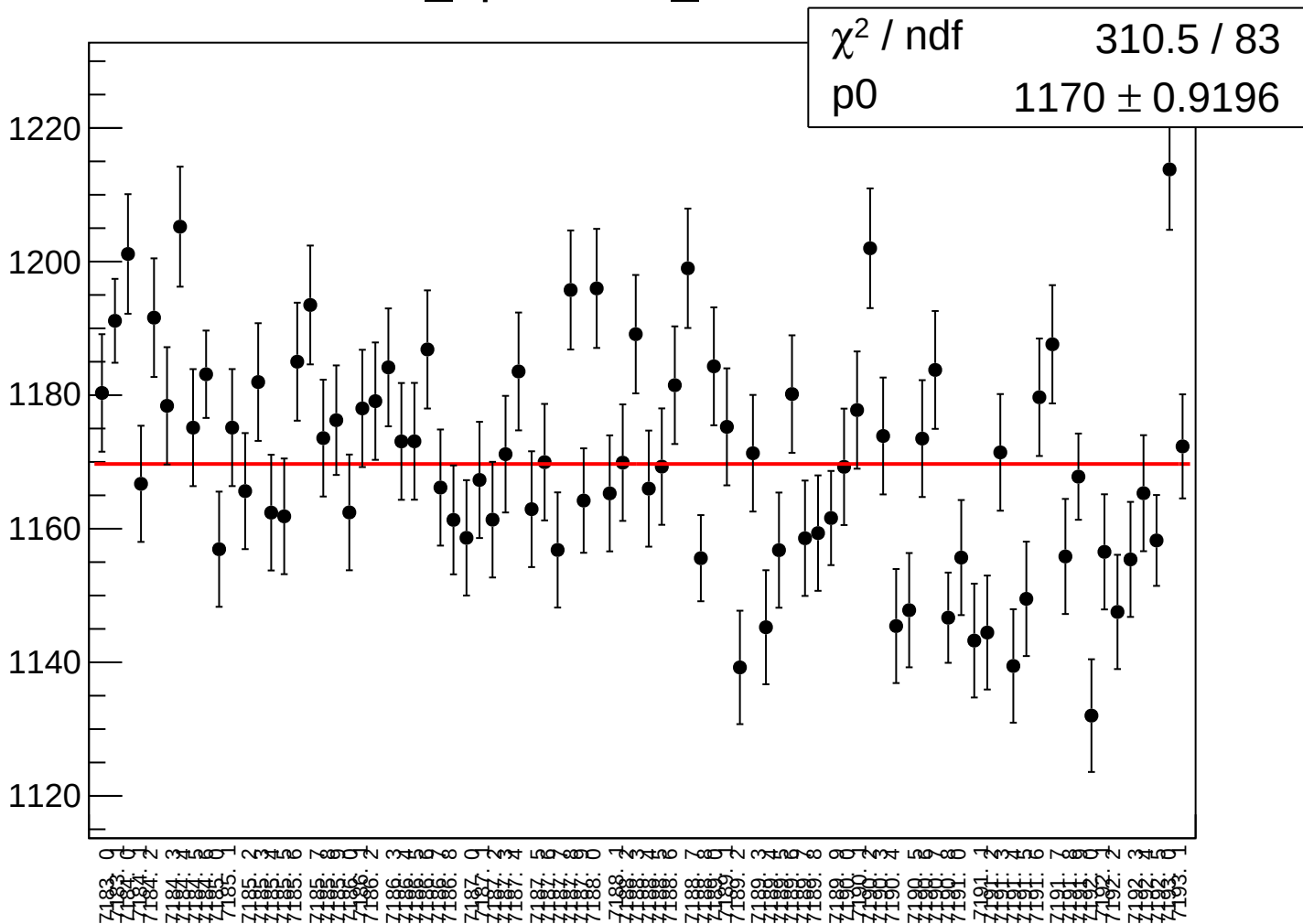
diff_bpm0l06X_rms vs run



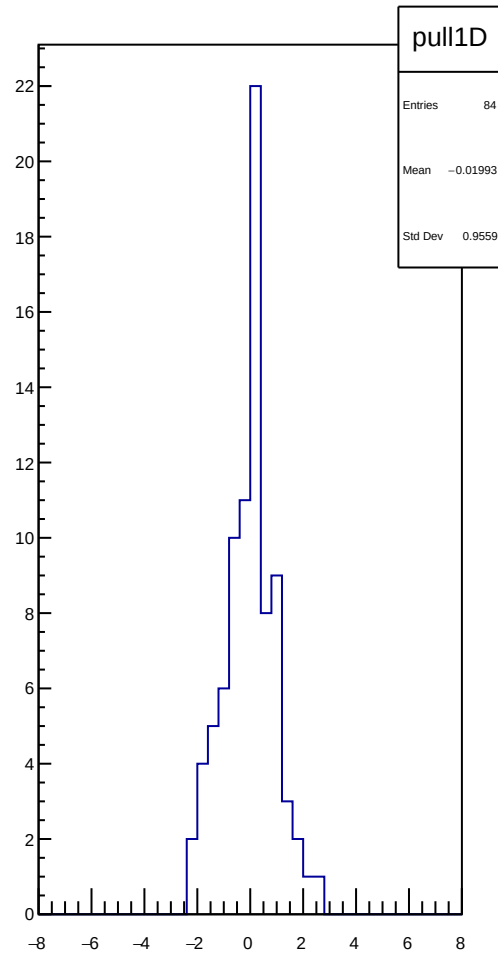
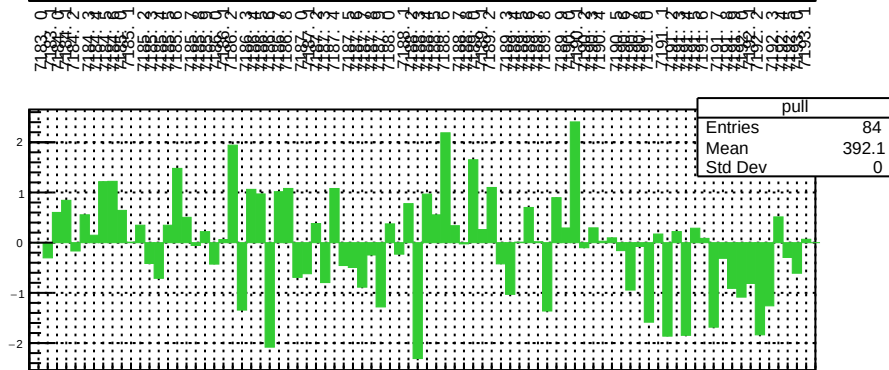
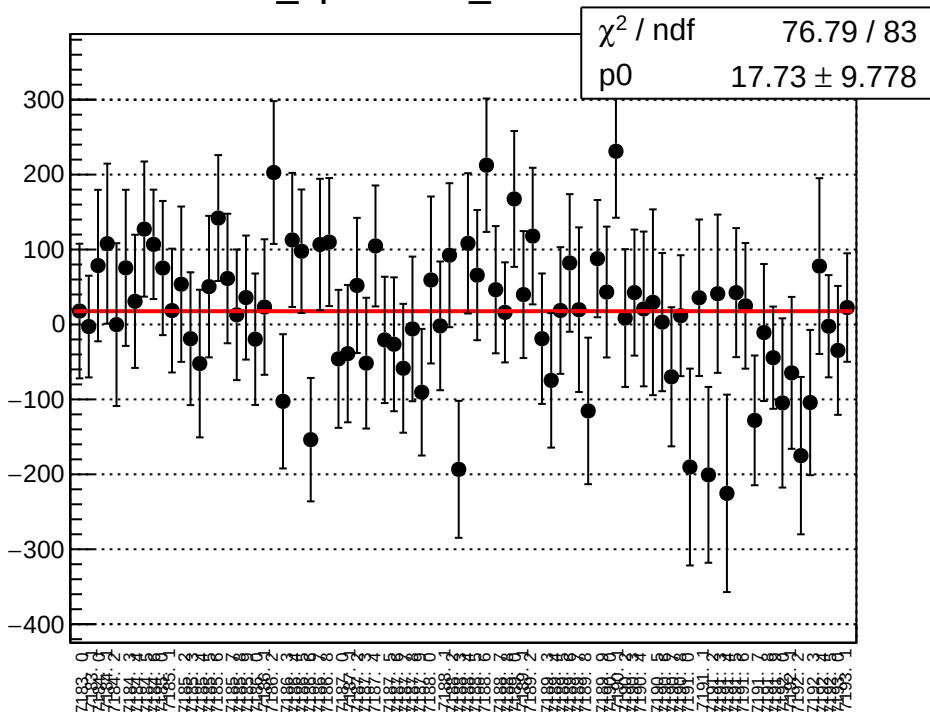
diff_bpm0I06Y_mean vs run



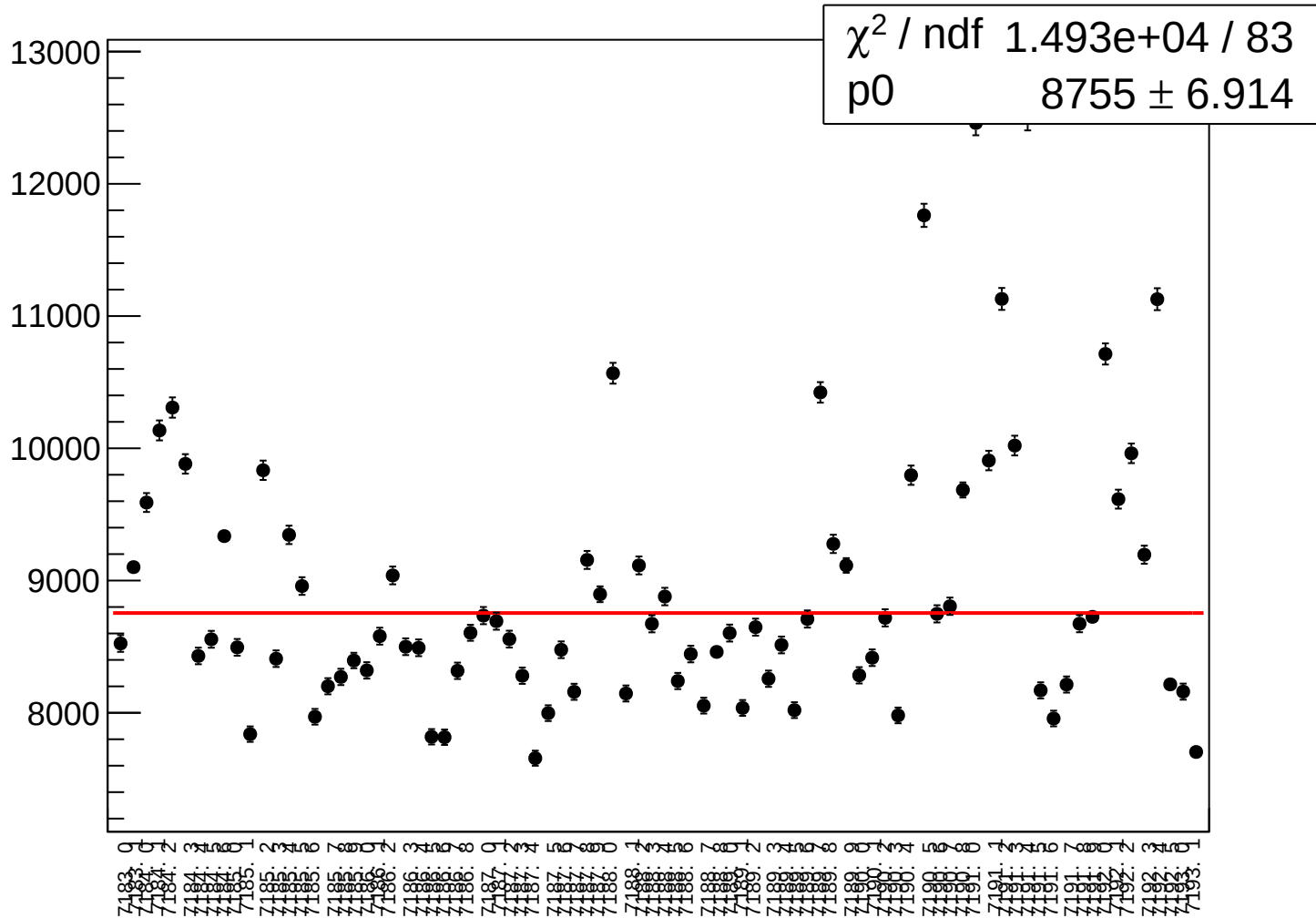
diff_bpm0l06Y_rms vs run



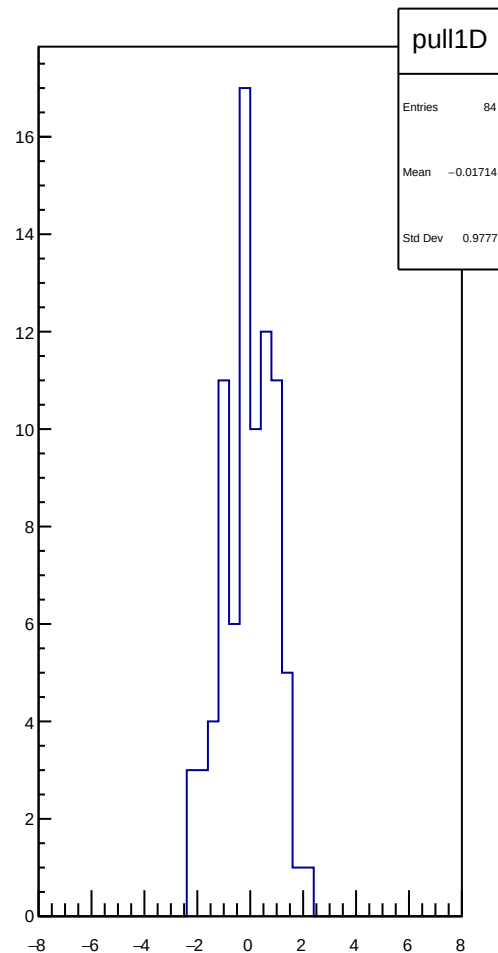
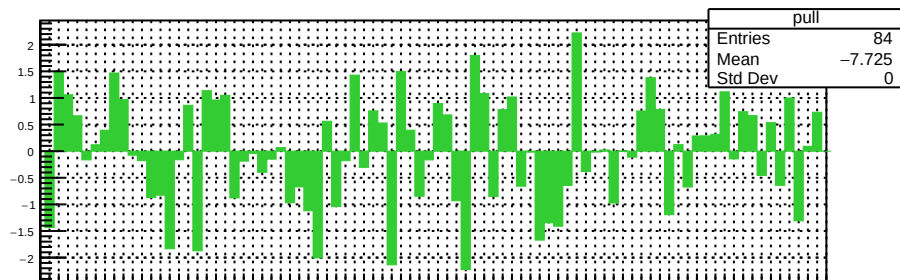
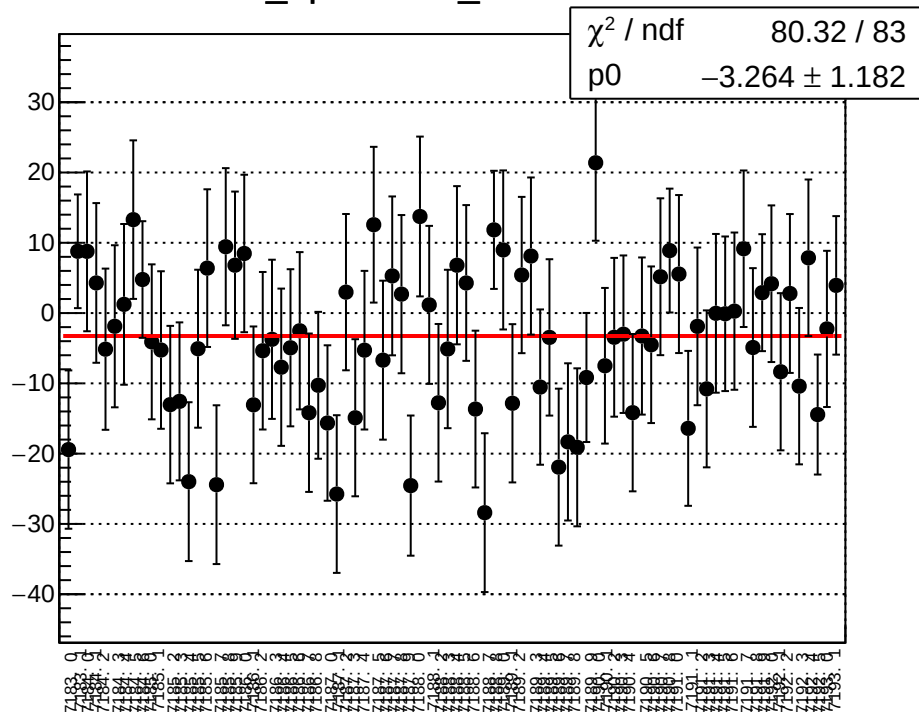
diff_bpm0l07X_mean vs run



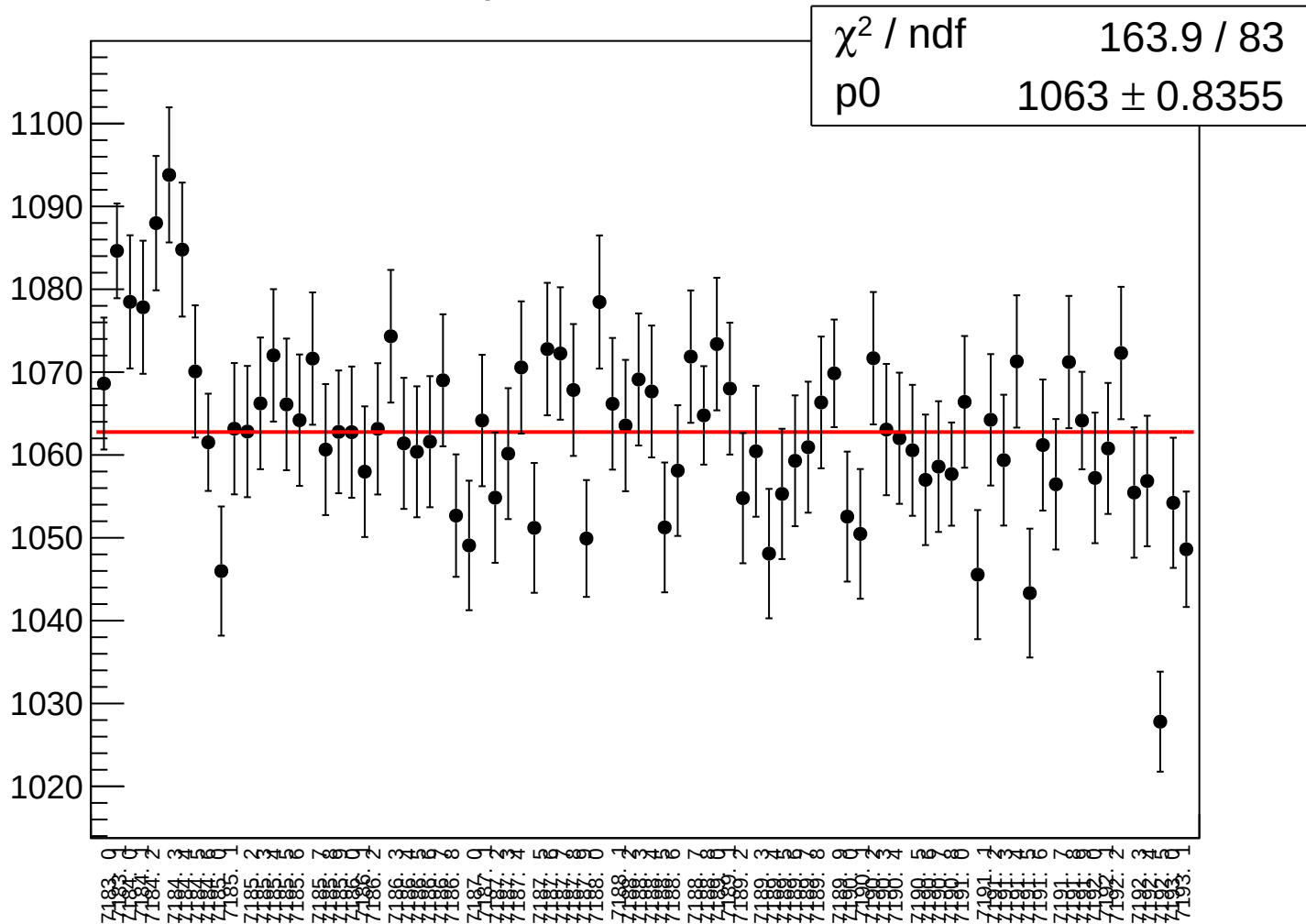
diff_bpm0l07X_rms vs run



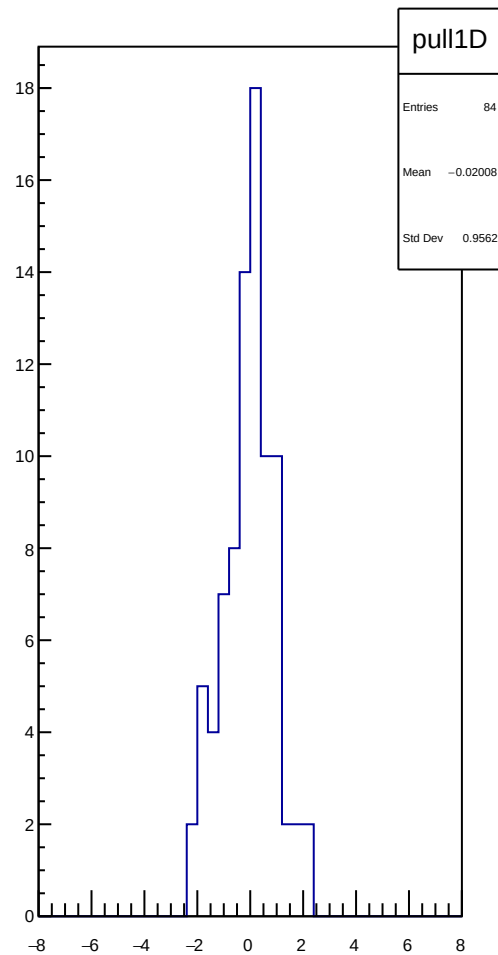
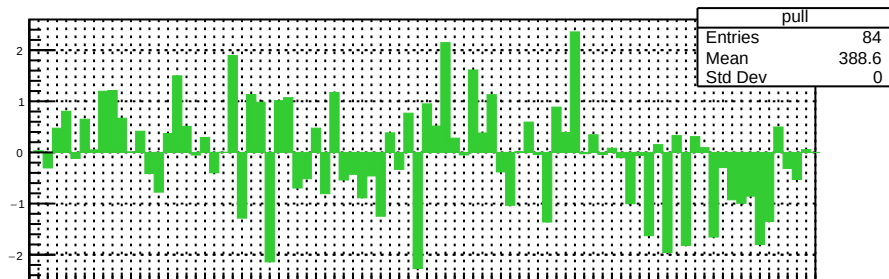
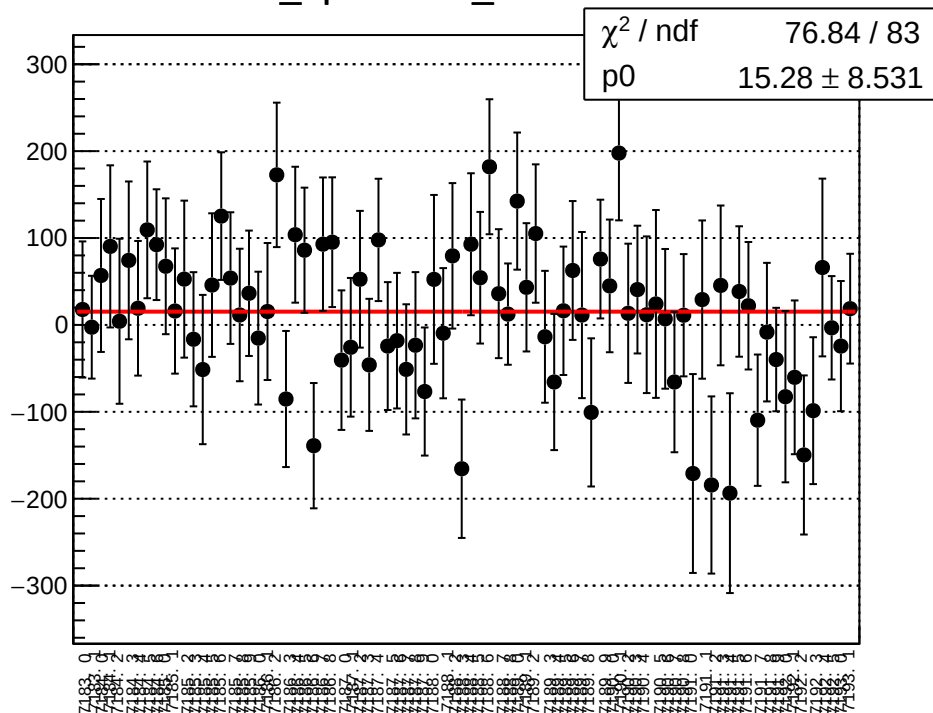
diff_bpm0l07Y_mean vs run



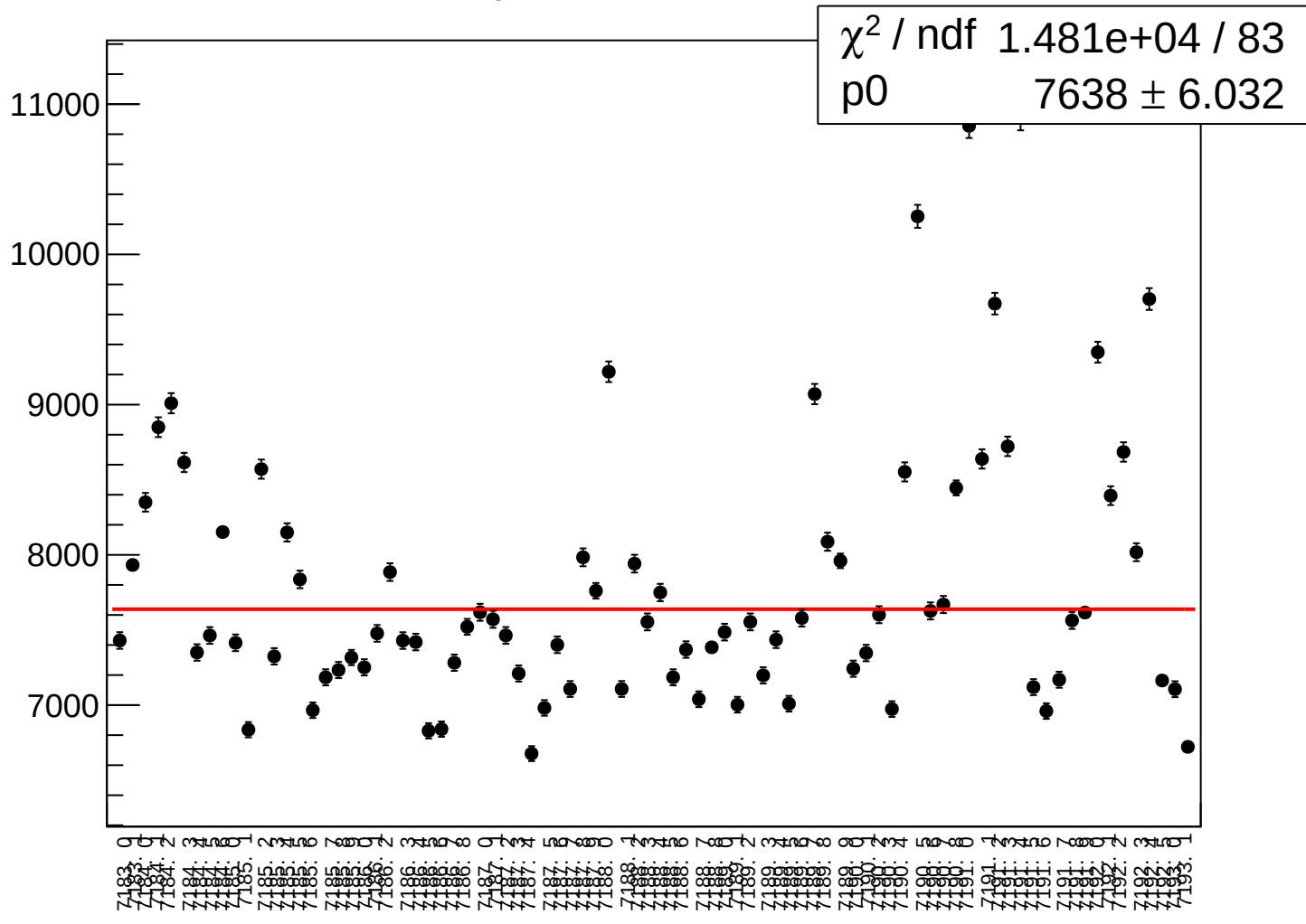
diff_bpm0l07Y_rms vs run



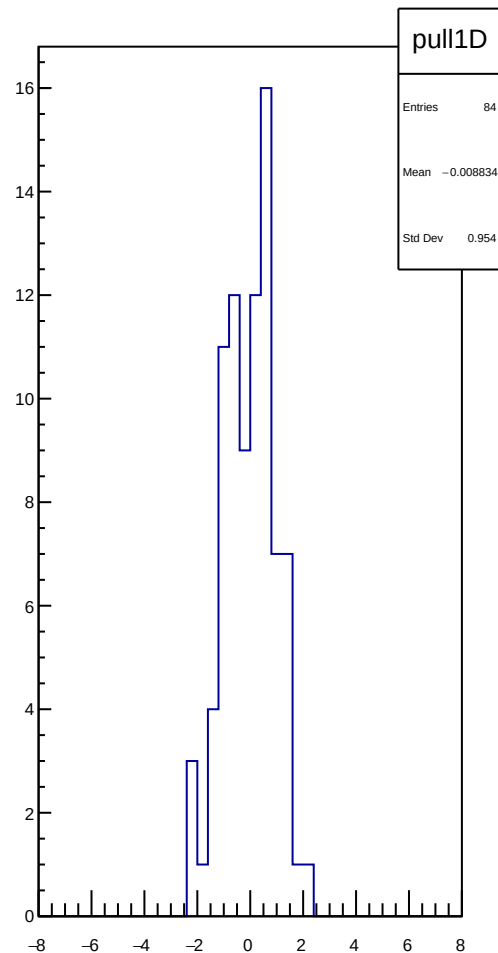
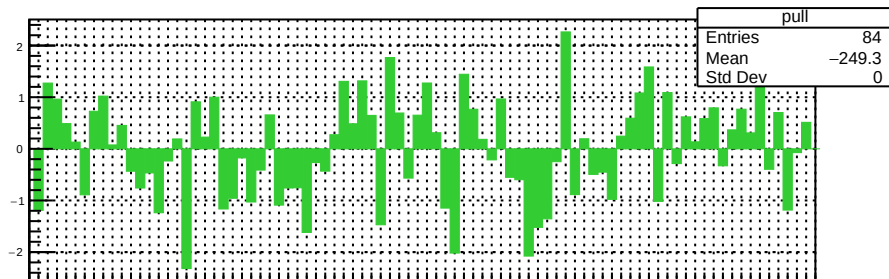
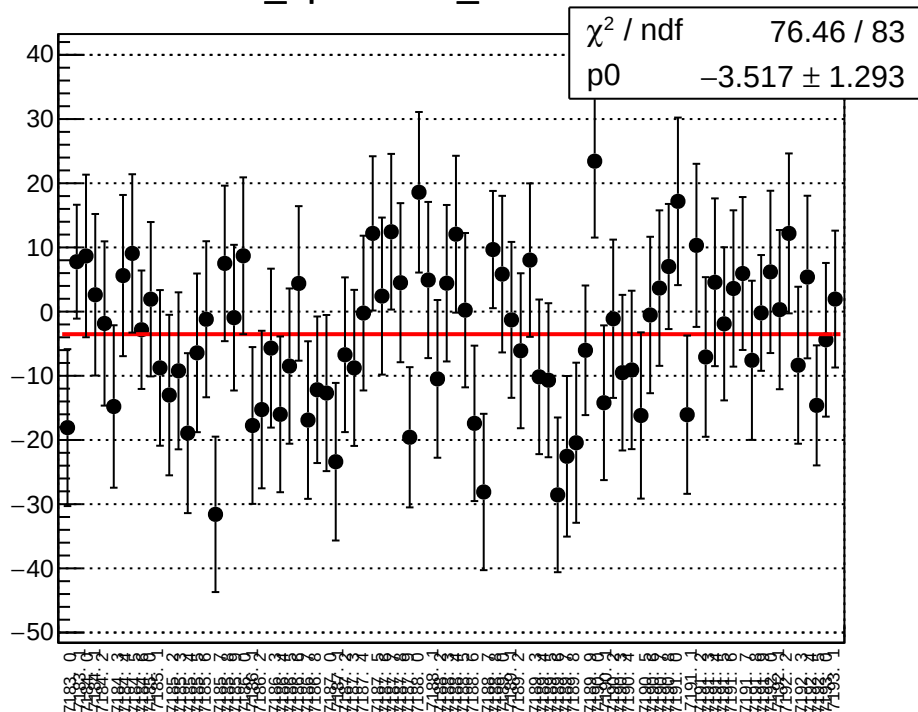
diff_bpm0I08X_mean vs run



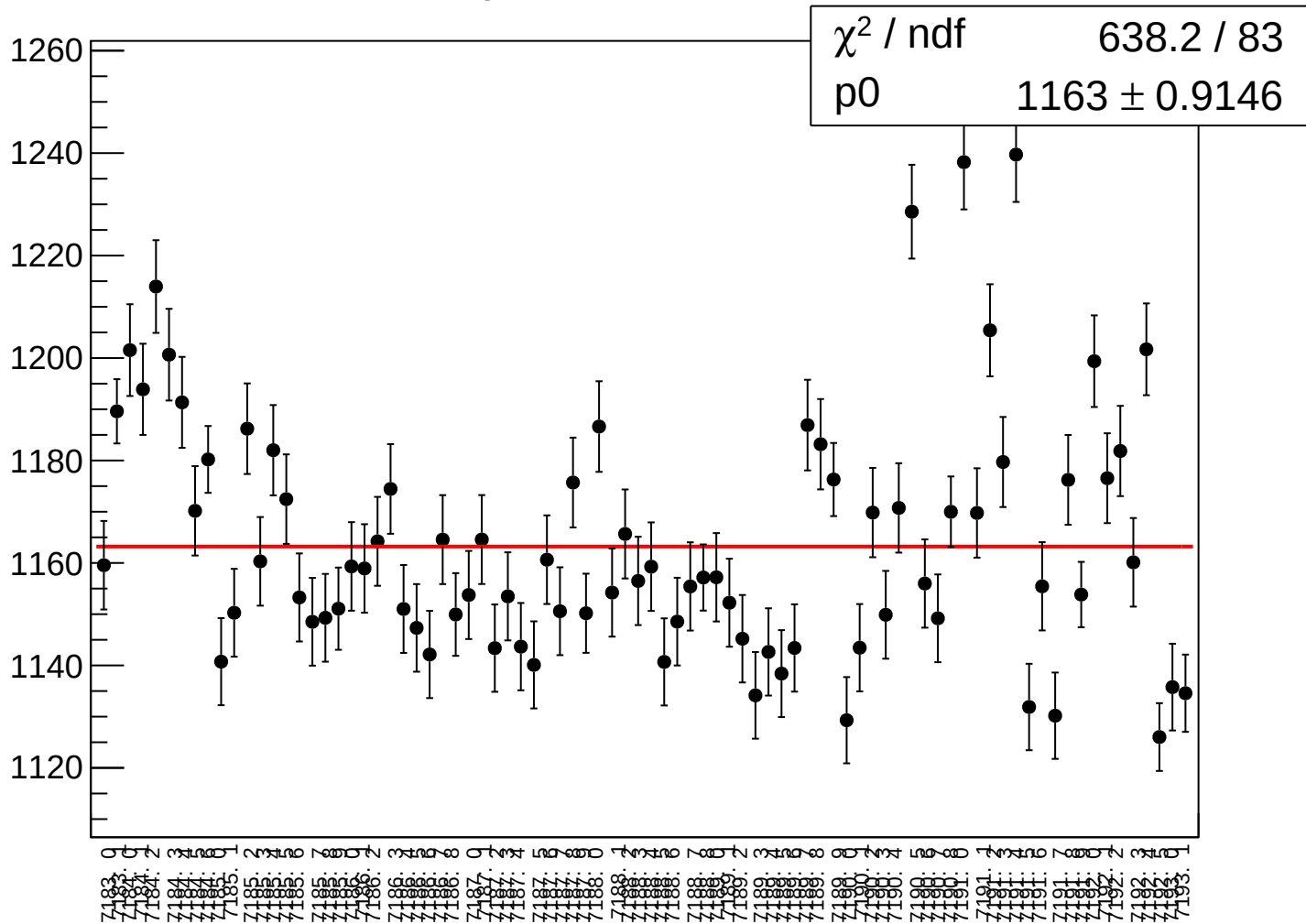
diff_bpm0l08X_rms vs run



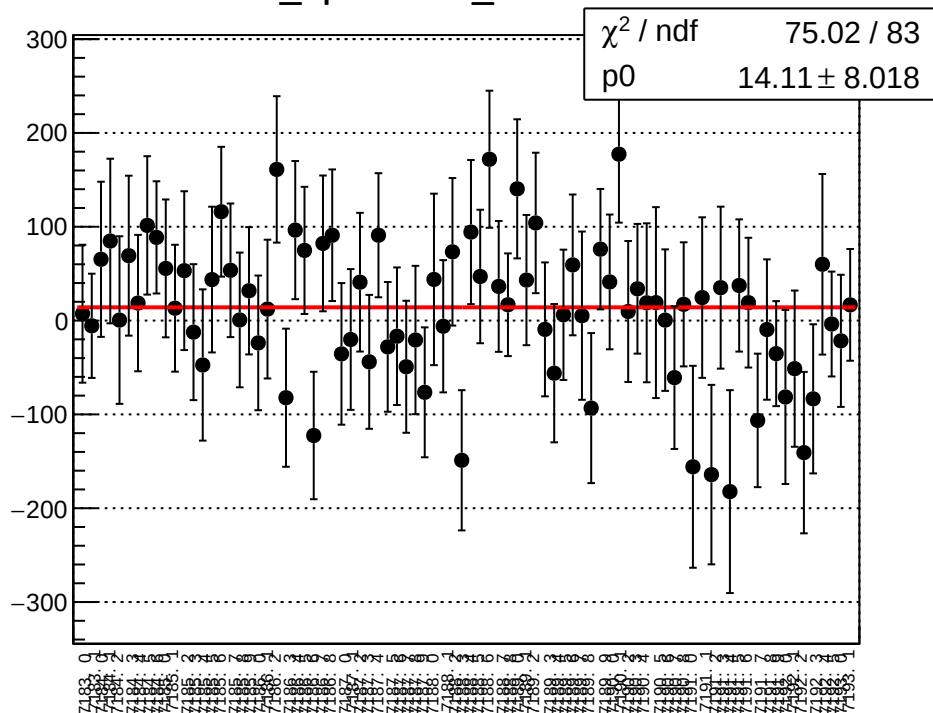
diff_bpm0l08Y_mean vs run



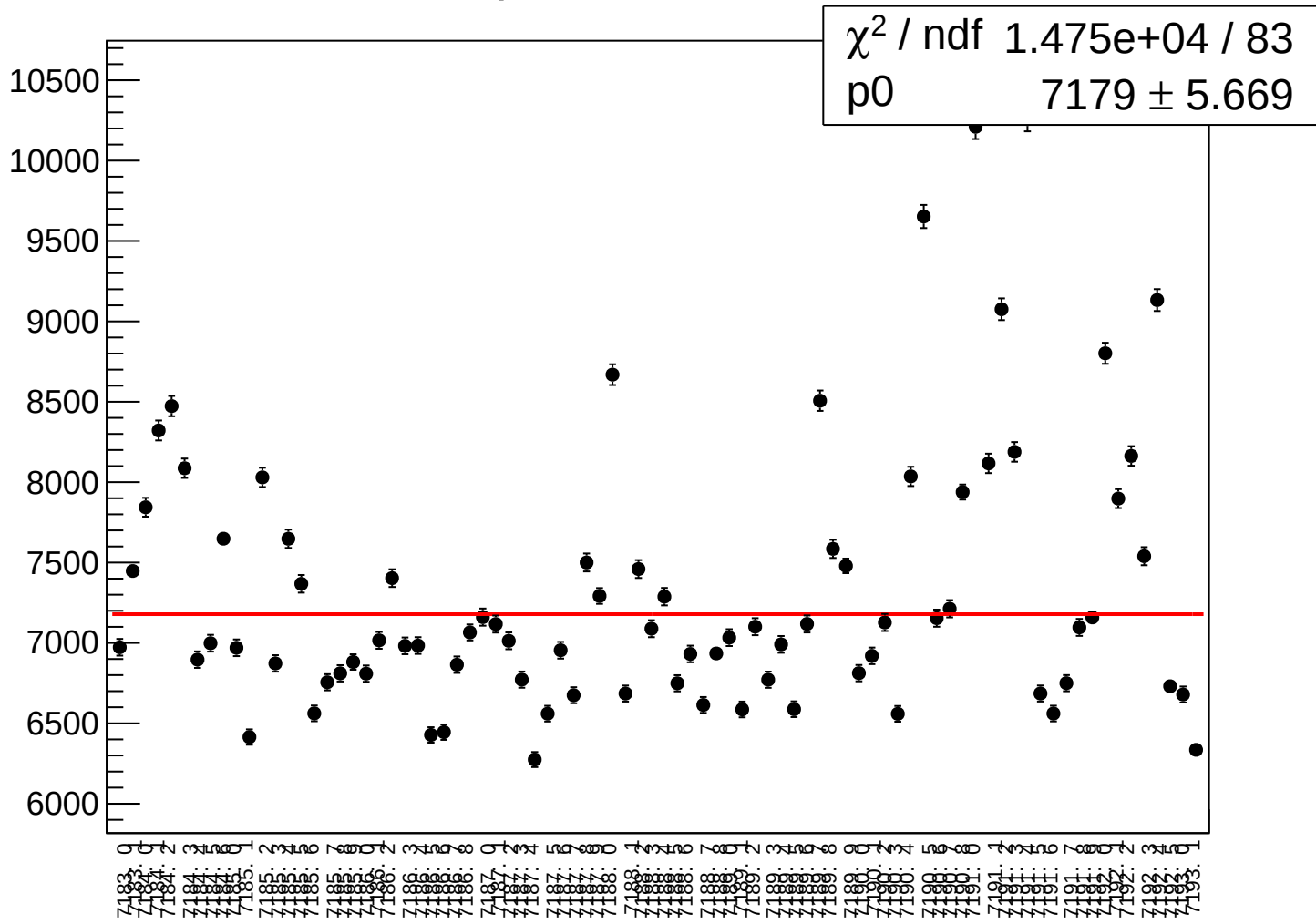
diff_bpm0l08Y_rms vs run



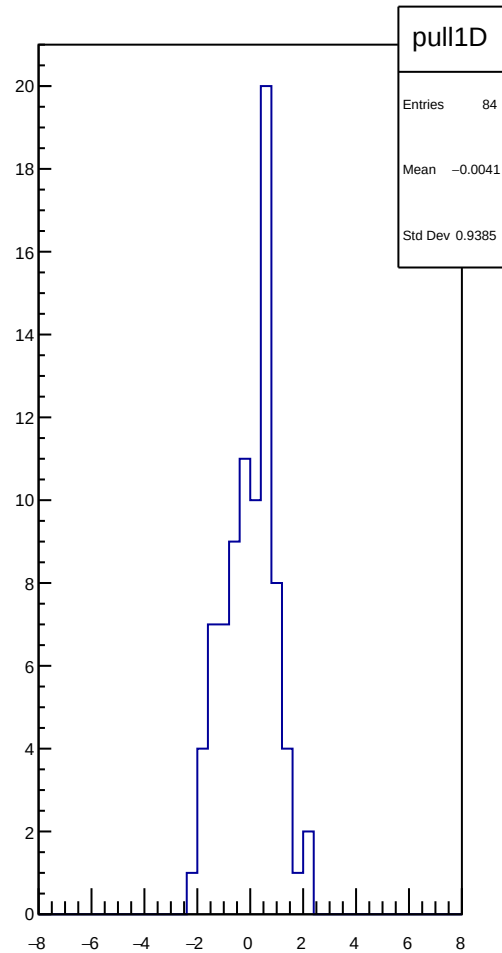
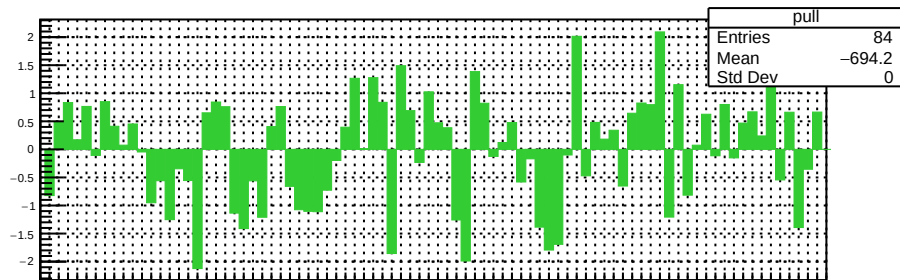
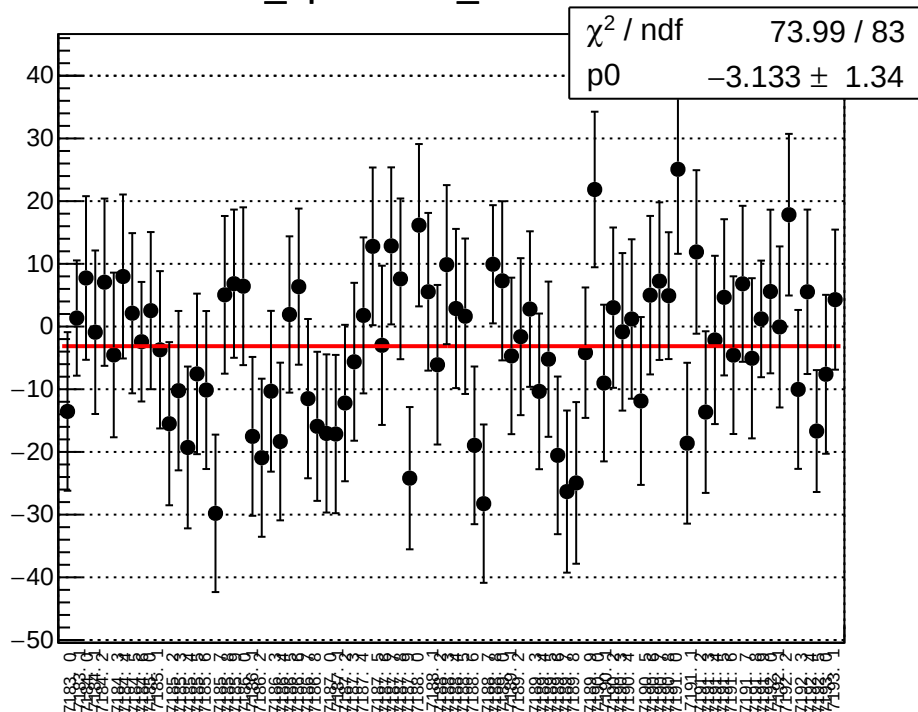
diff_bpm0I09X_mean vs run



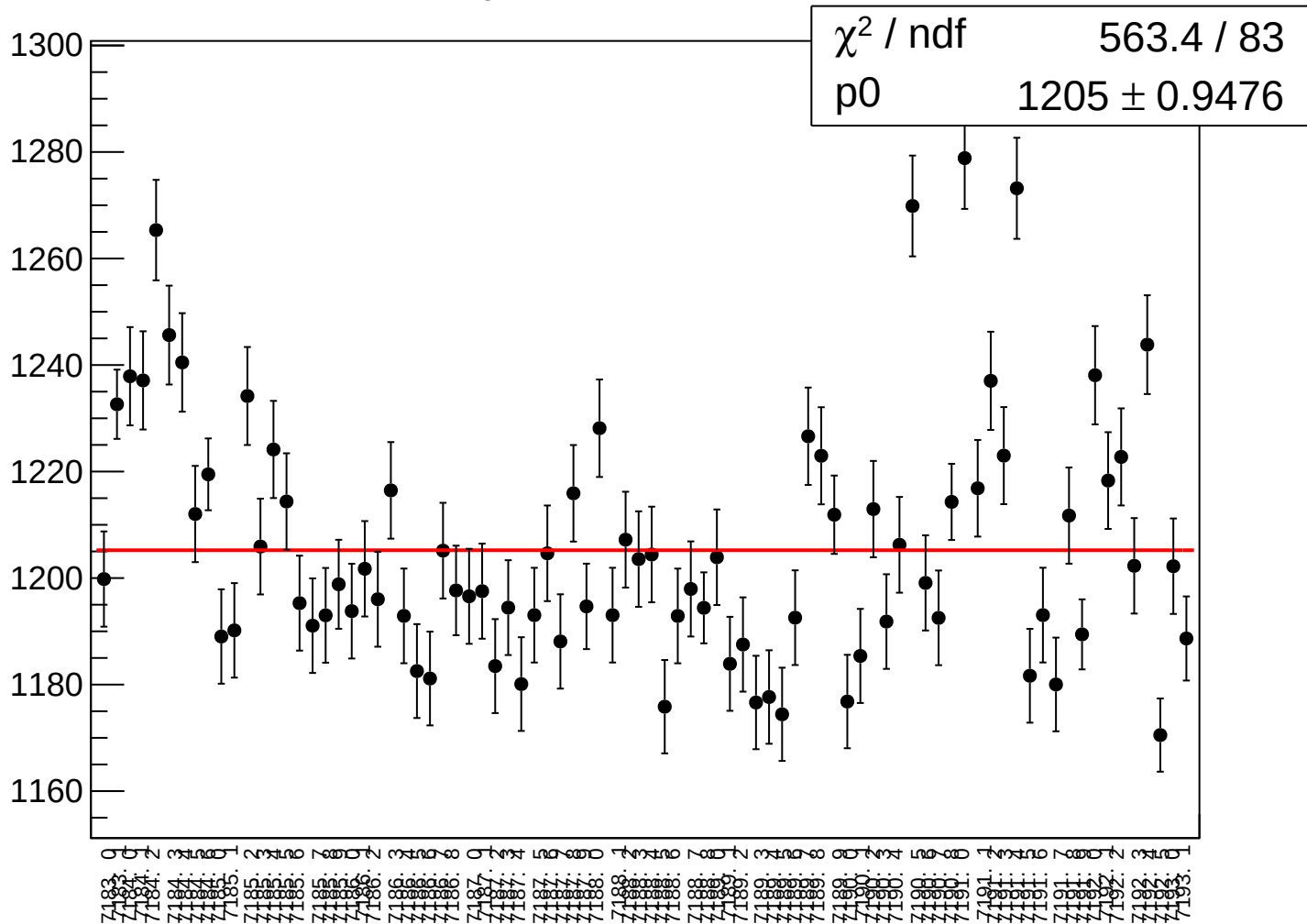
diff_bpm0l09X_rms vs run



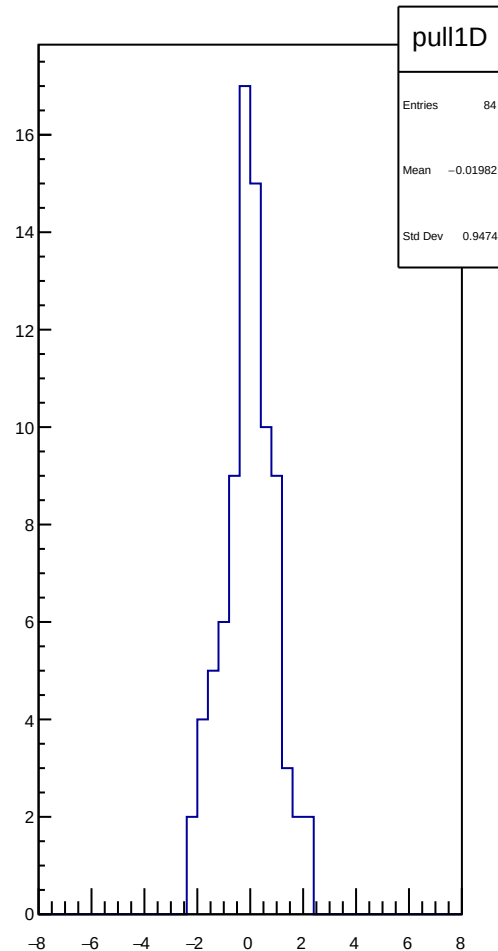
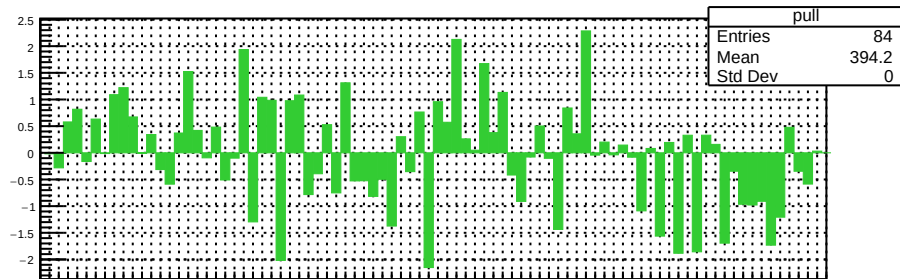
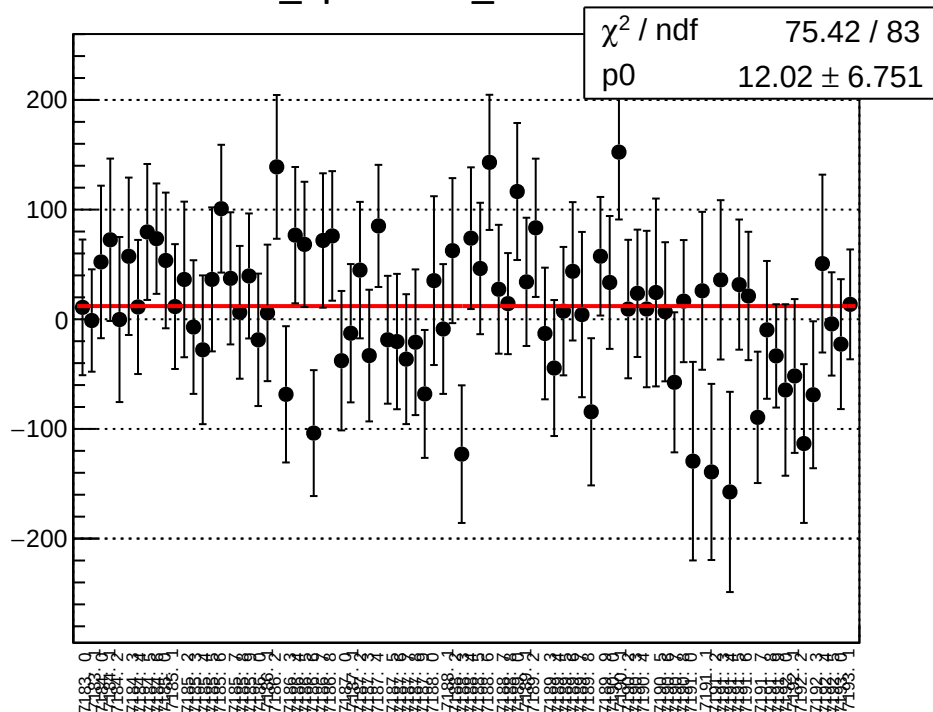
diff_bpm0l09Y_mean vs run



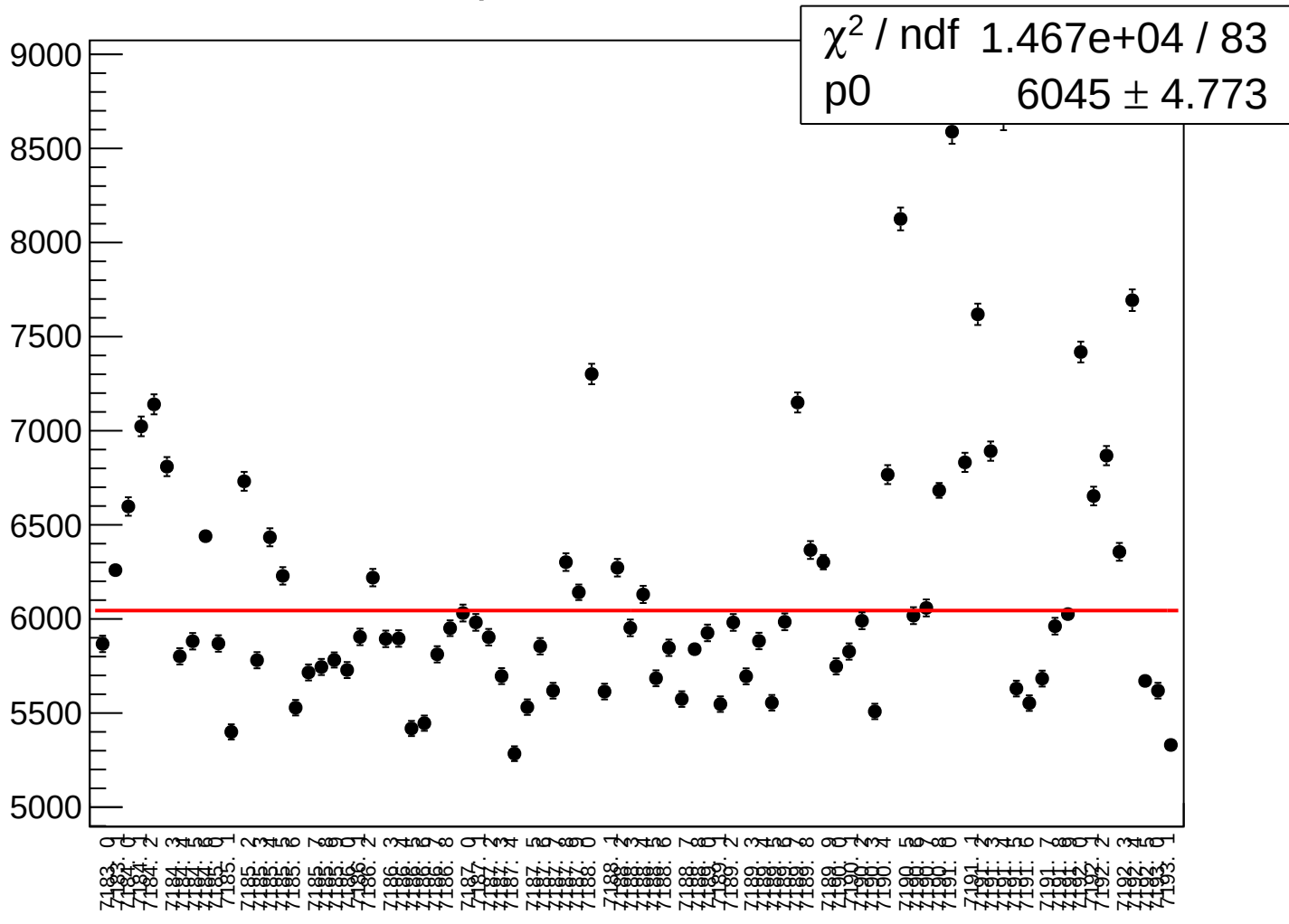
diff_bpm0l09Y_rms vs run



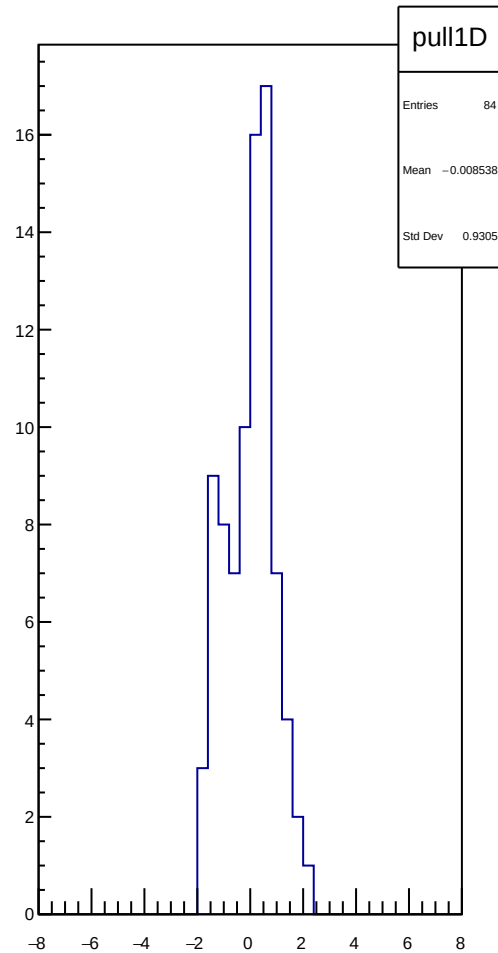
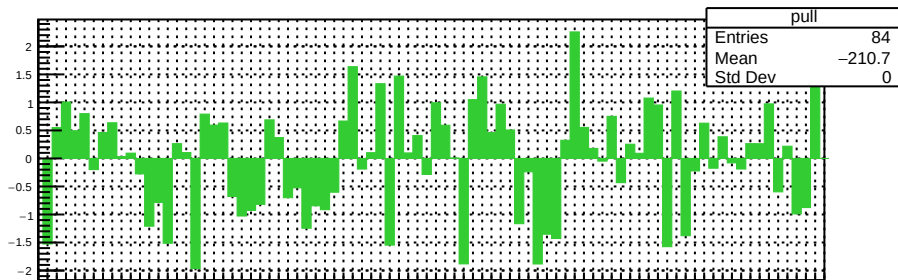
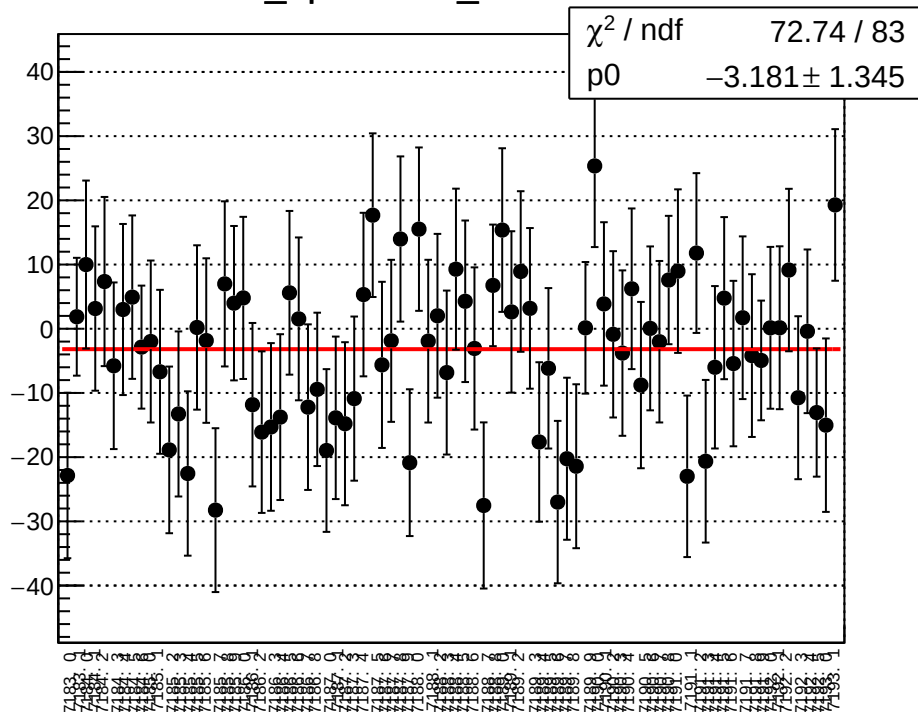
diff_bpm0l10X_mean vs run



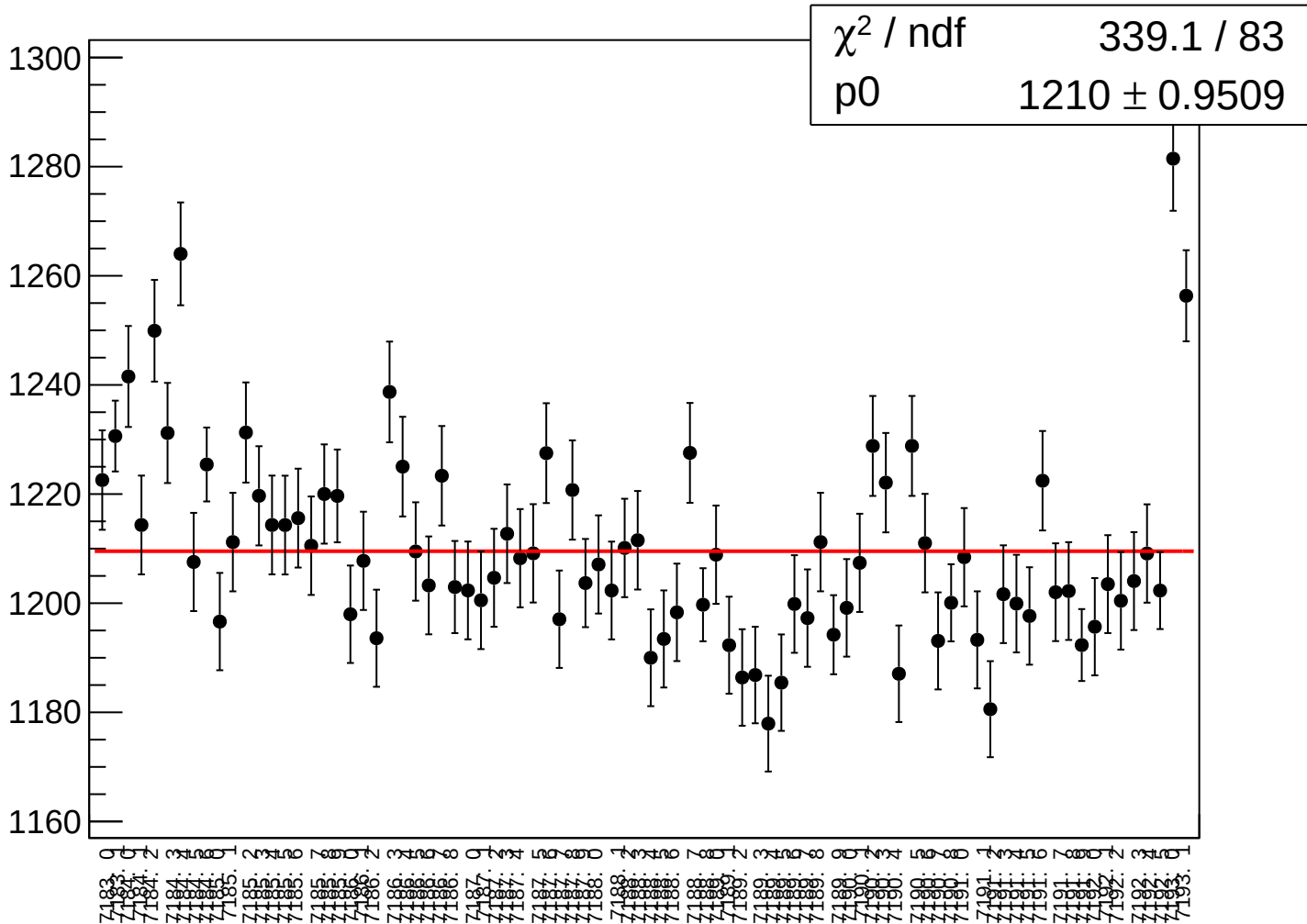
diff_bpm0l10X_rms vs run



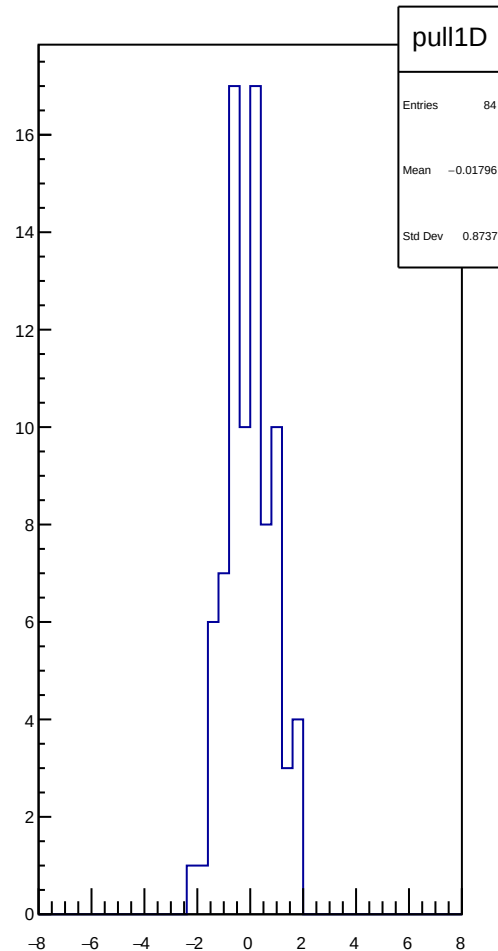
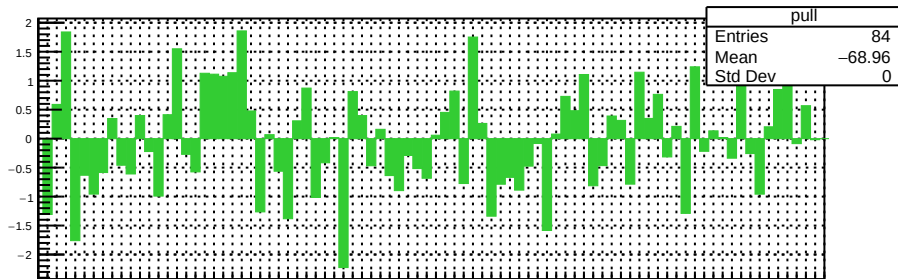
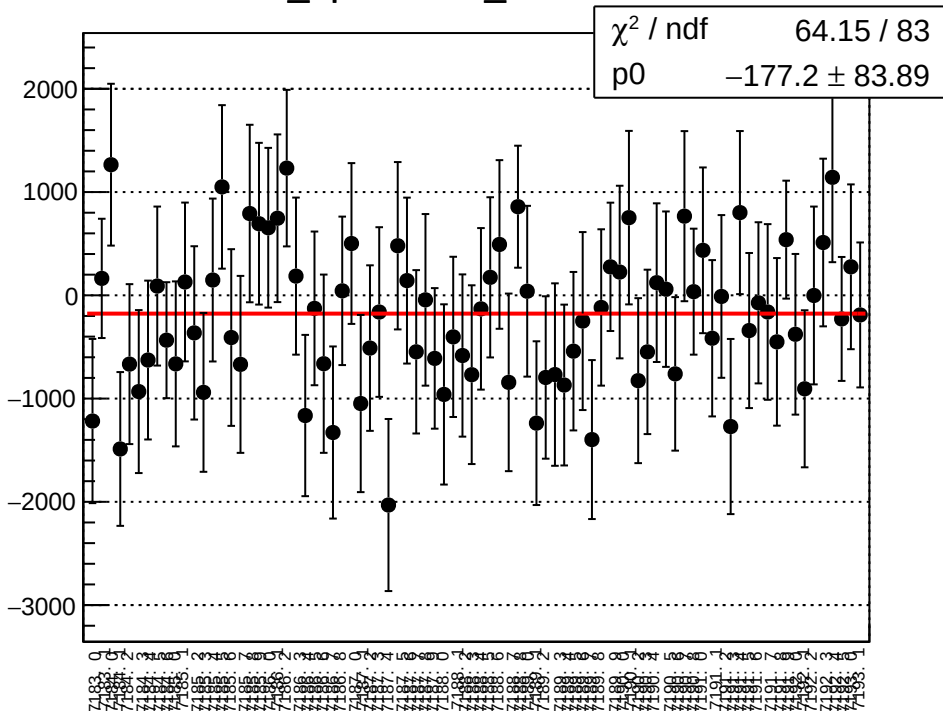
diff_bpm0I10Y_mean vs run



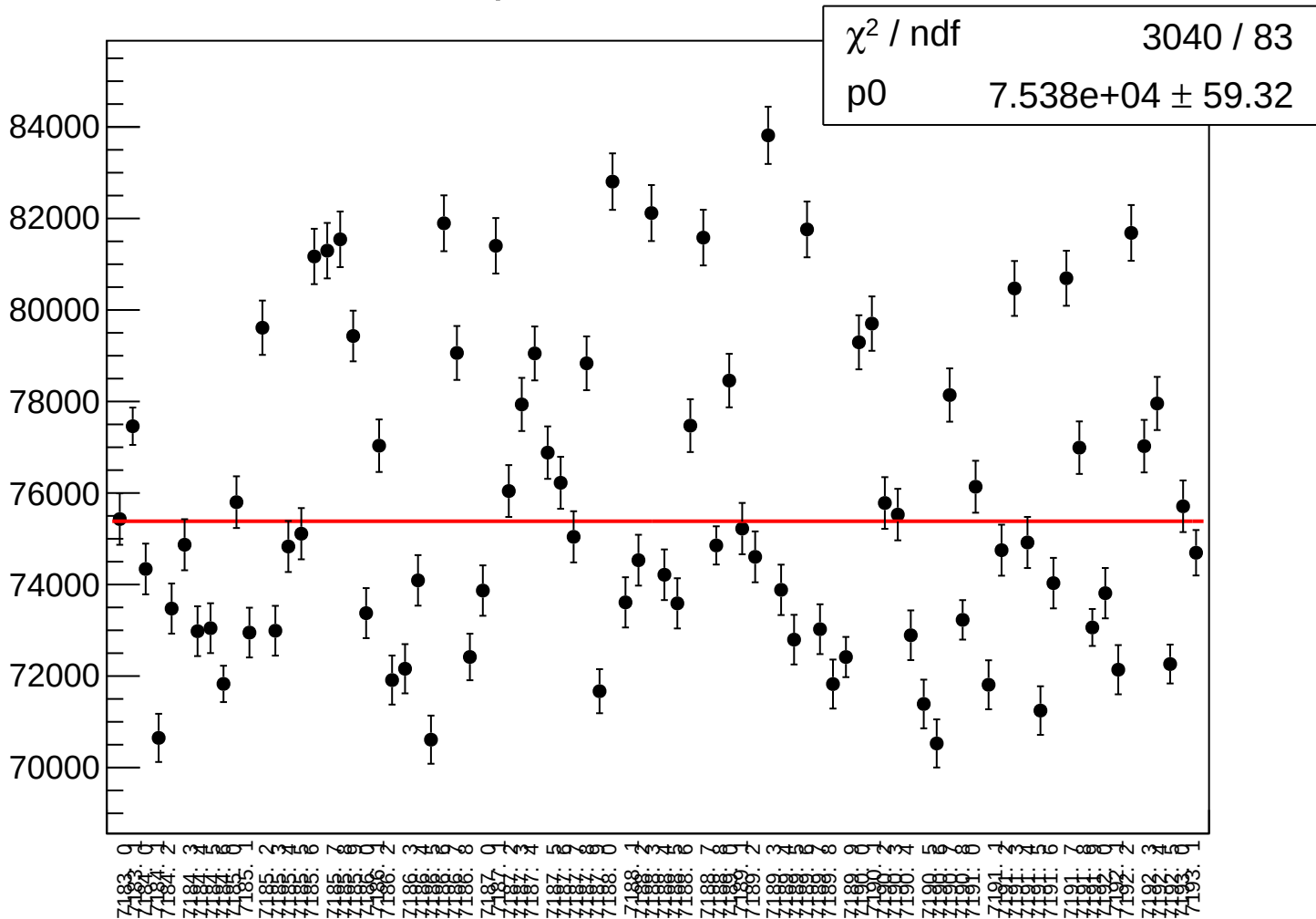
diff_bpm0l10Y_rms vs run



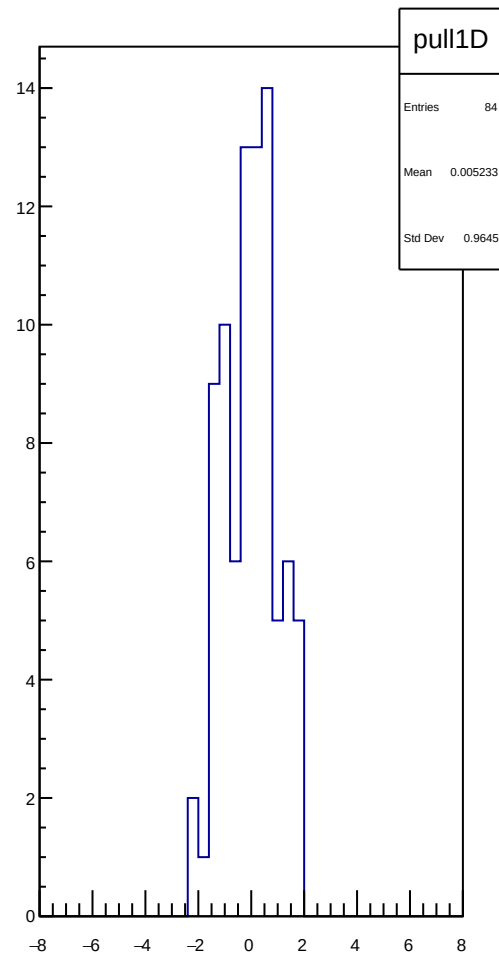
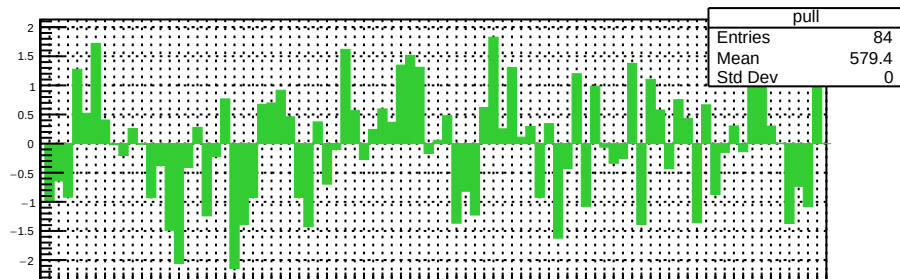
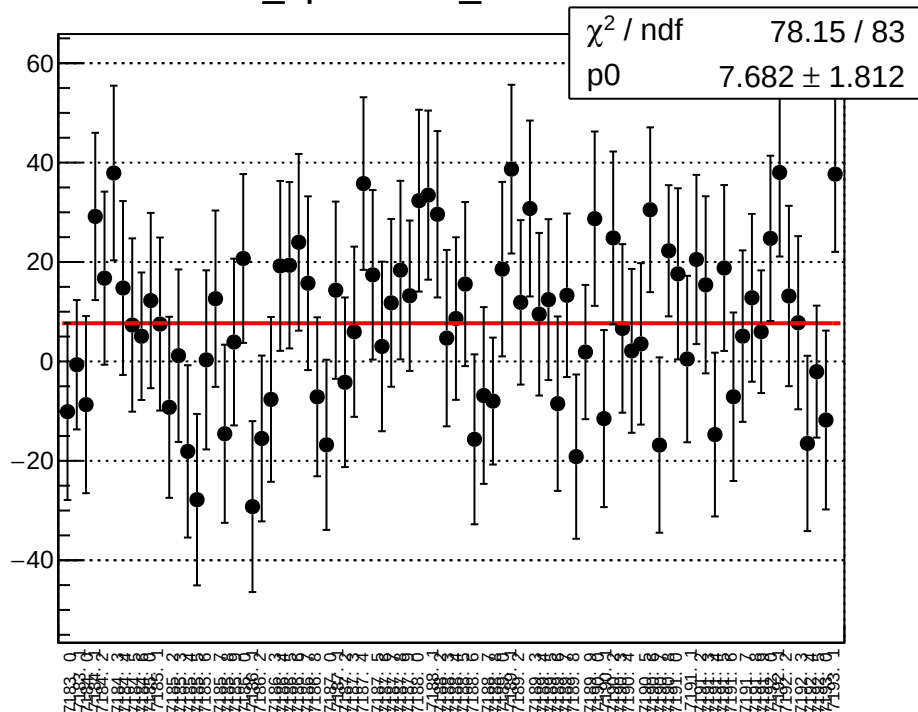
diff_bpm0r03X_mean vs run



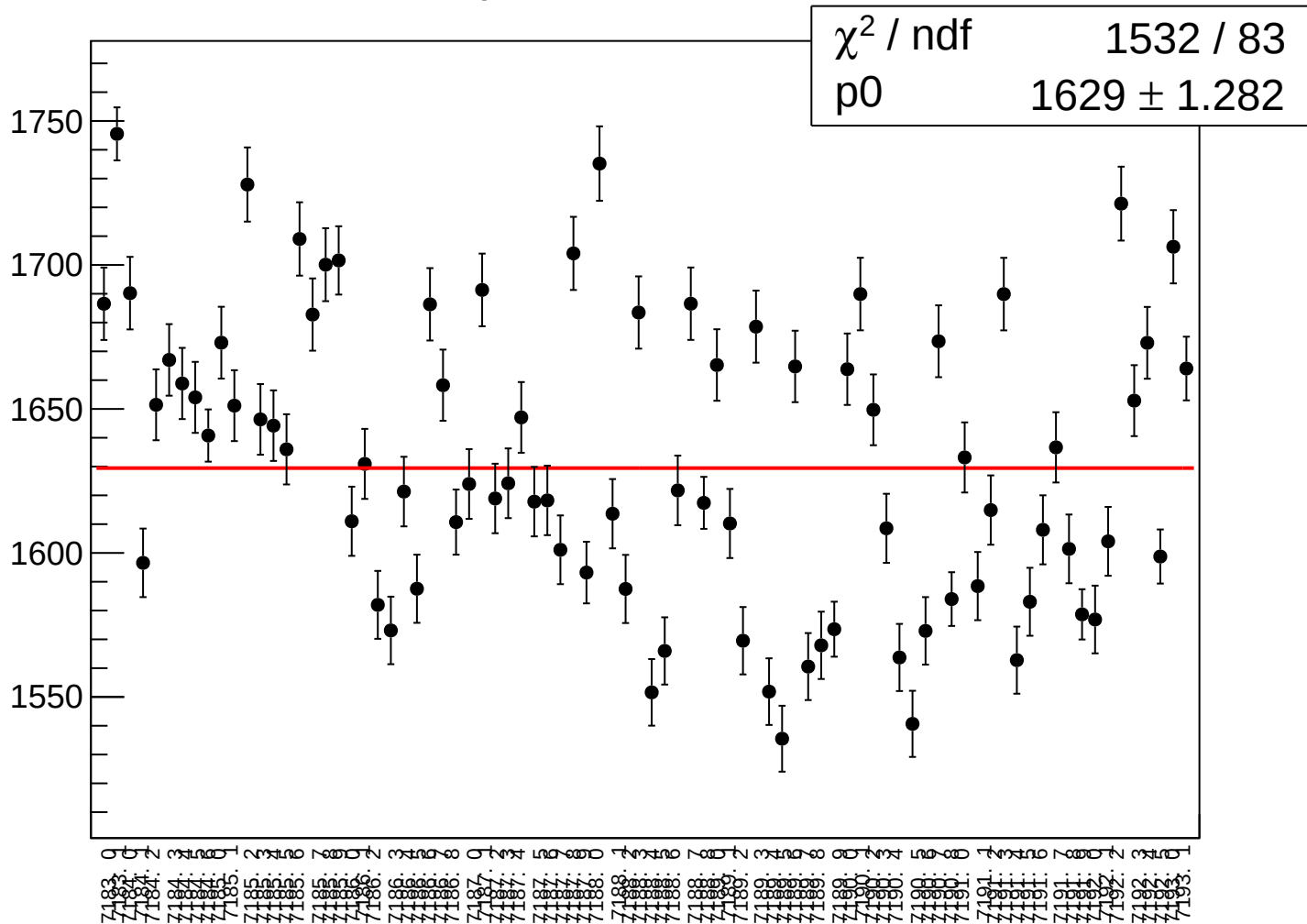
diff_bpm0r03X_rms vs run



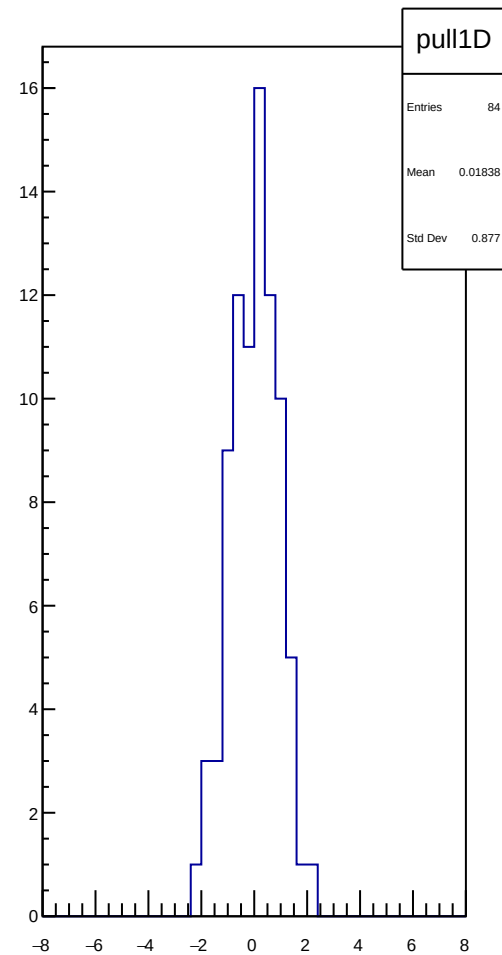
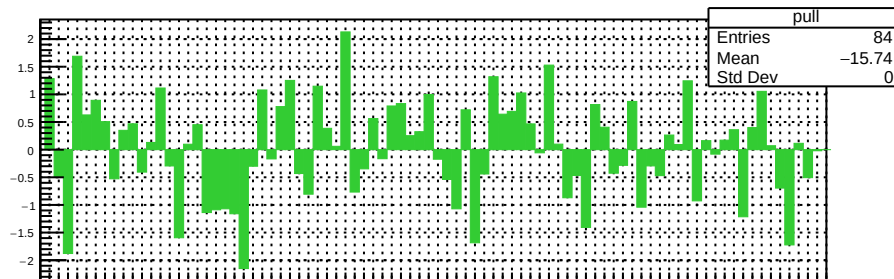
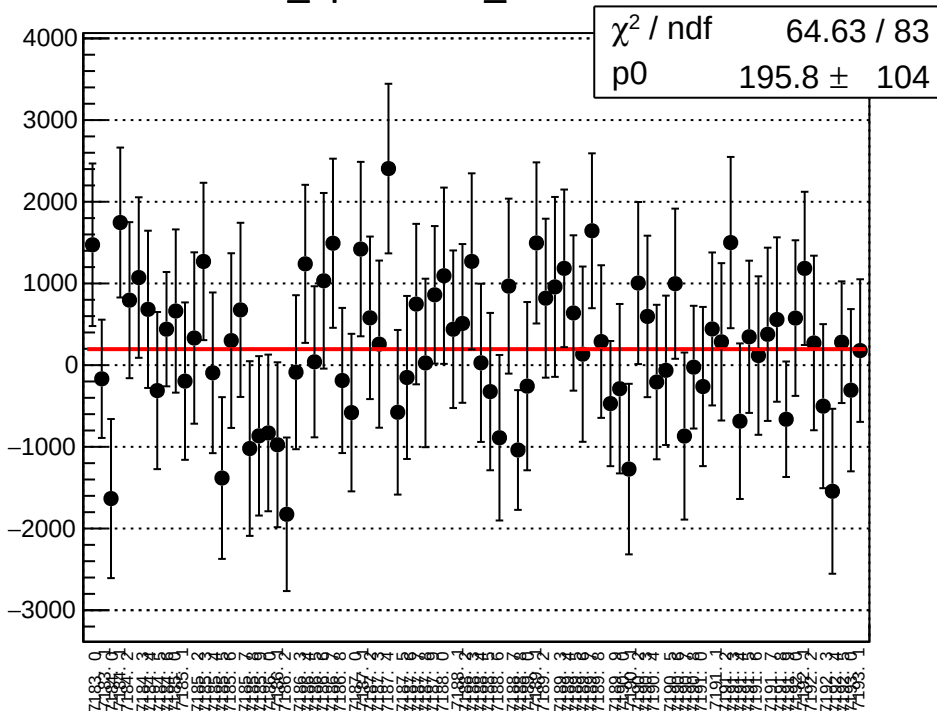
diff_bpm0r03Y_mean vs run



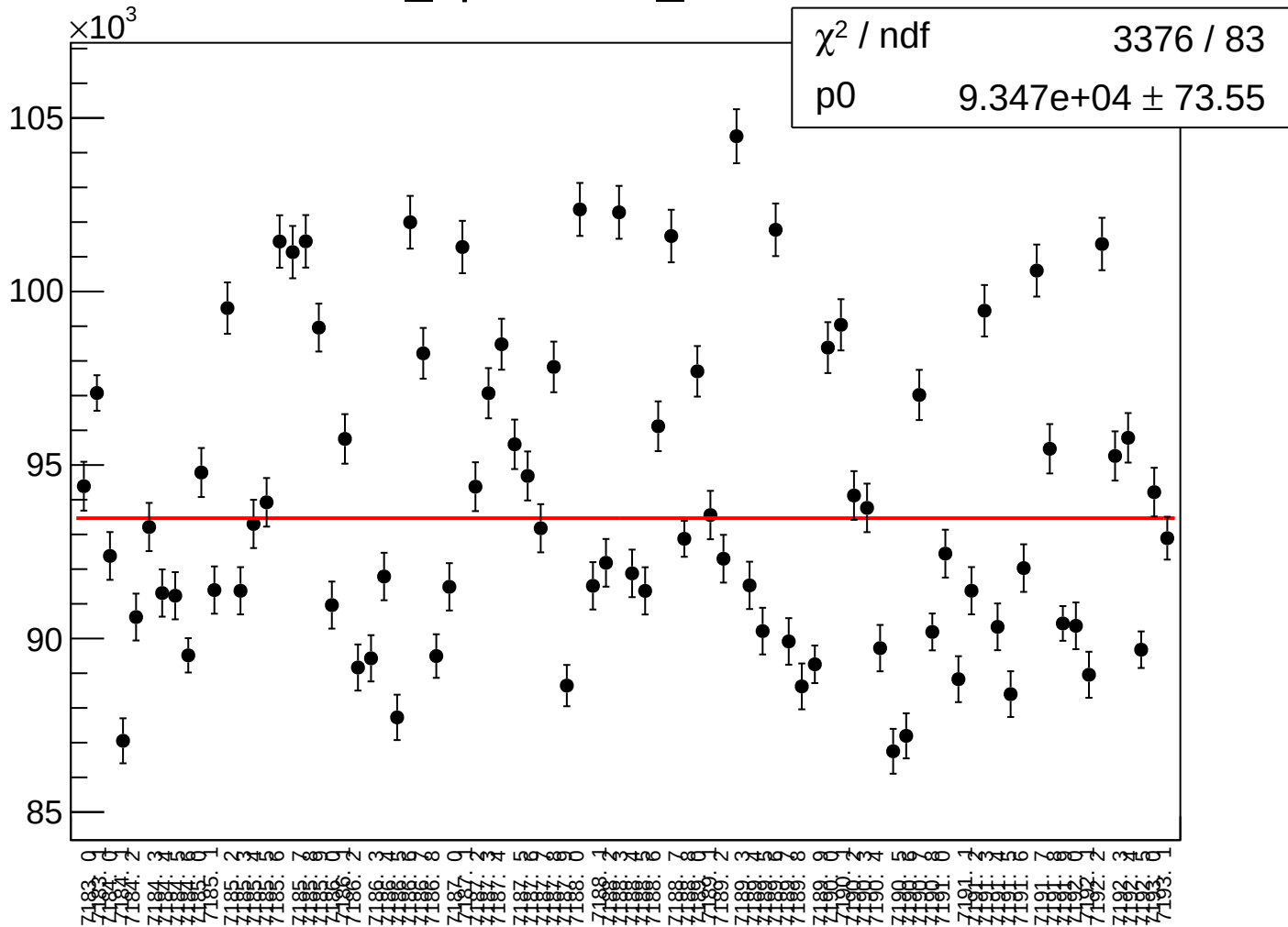
diff_bpm0r03Y_rms vs run



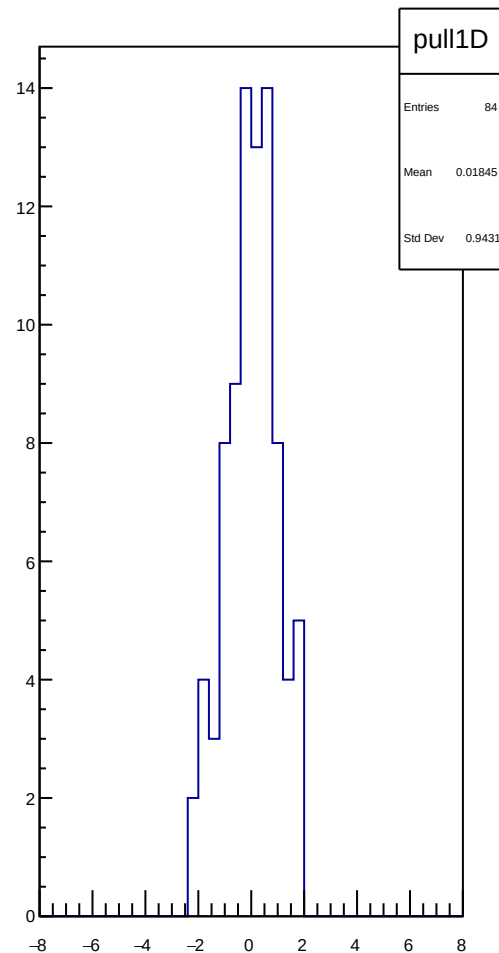
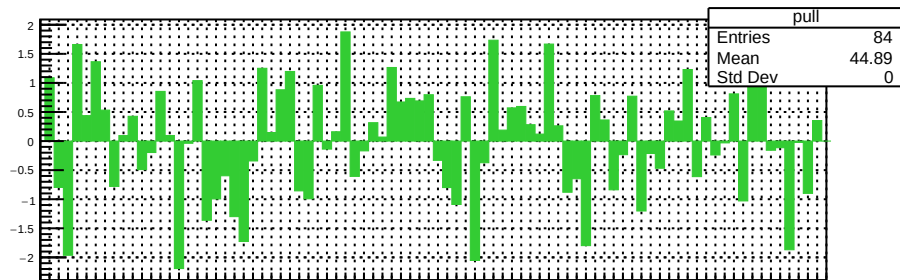
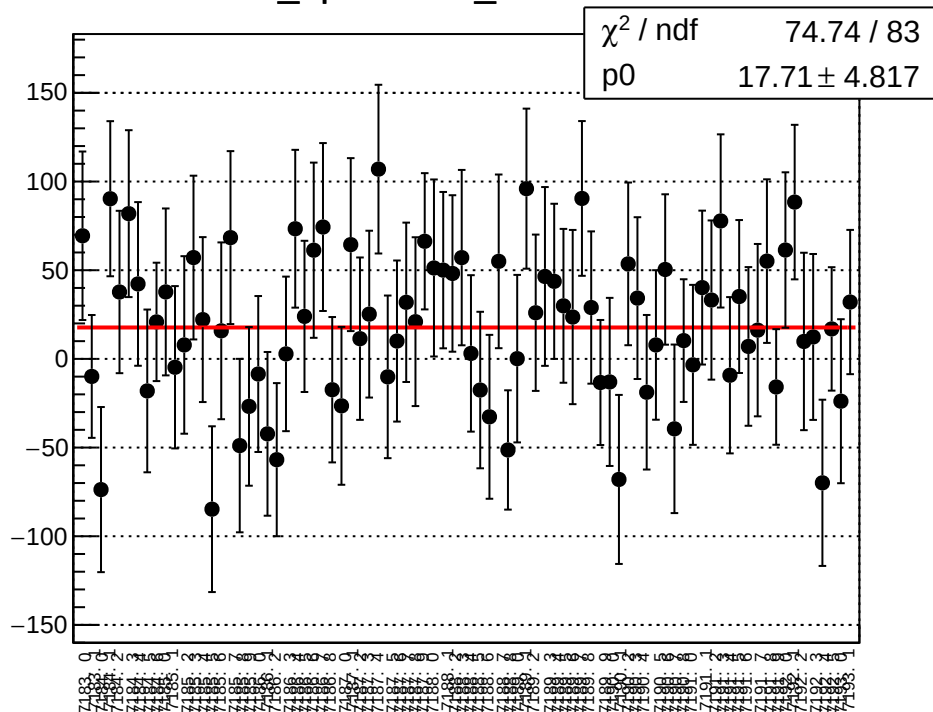
diff_bpm0r05X_mean vs run



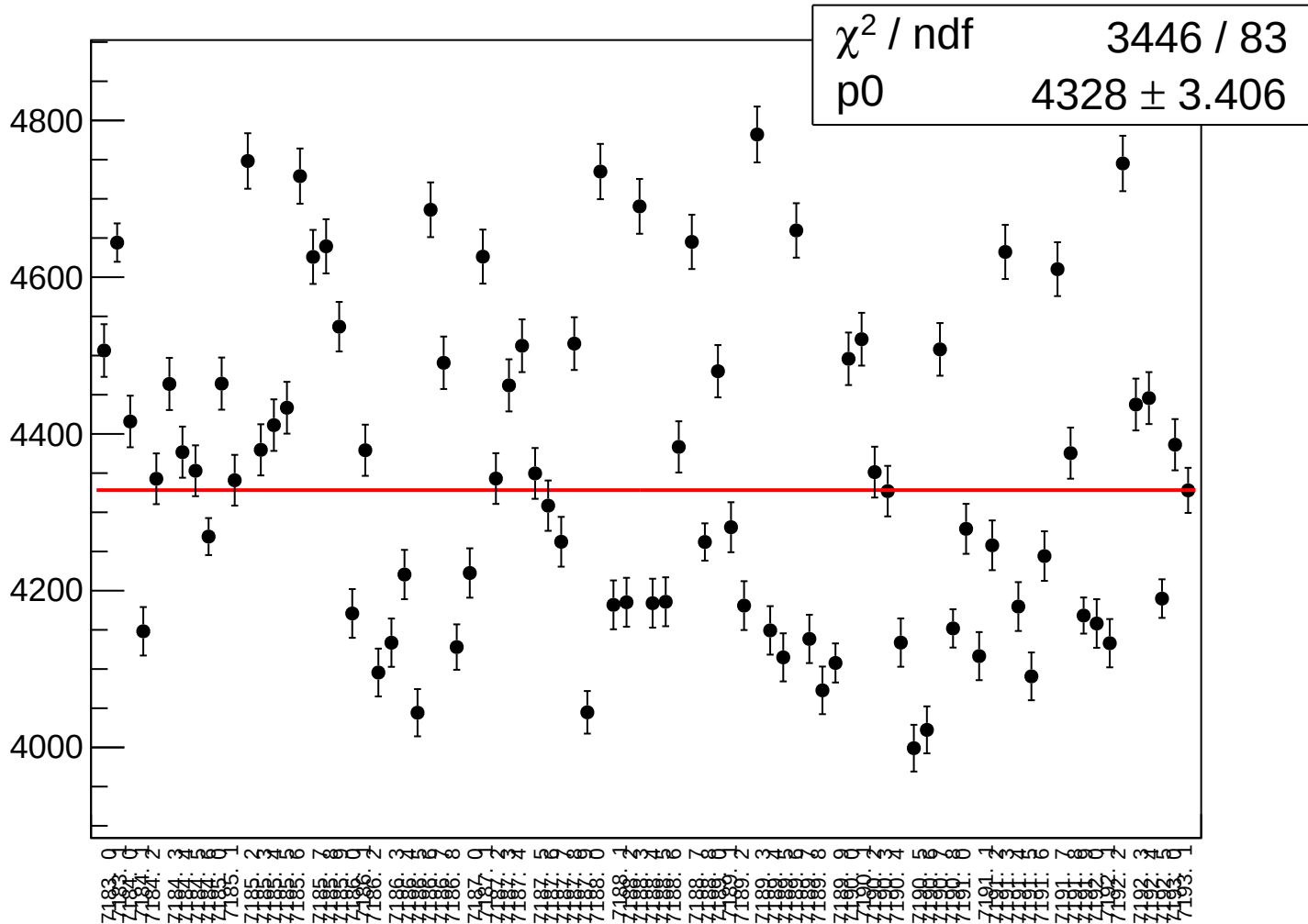
diff_bpm0r05X_rms vs run



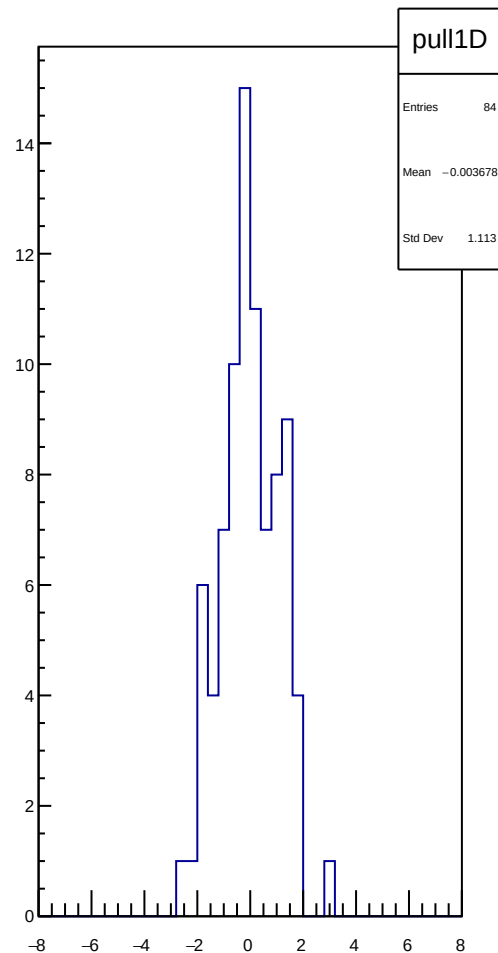
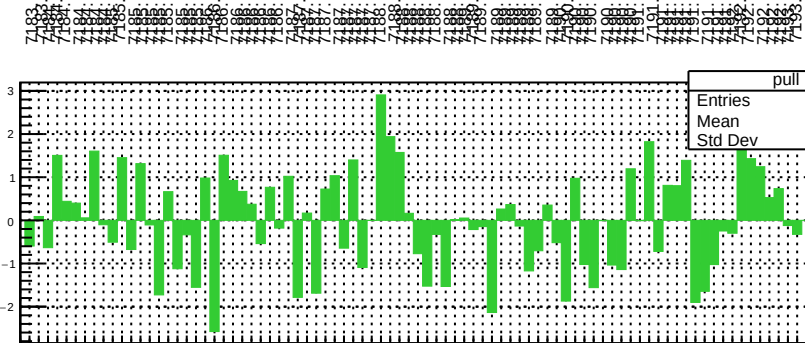
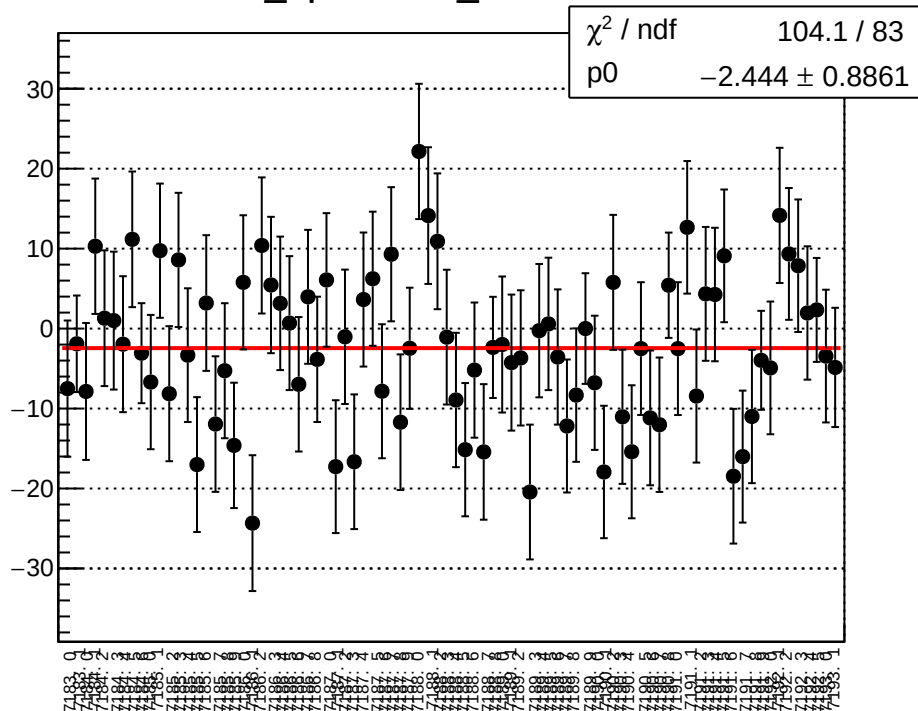
diff_bpm0r05Y_mean vs run



diff_bpm0r05Y_rms vs run



diff_bpm2i01X_mean vs run



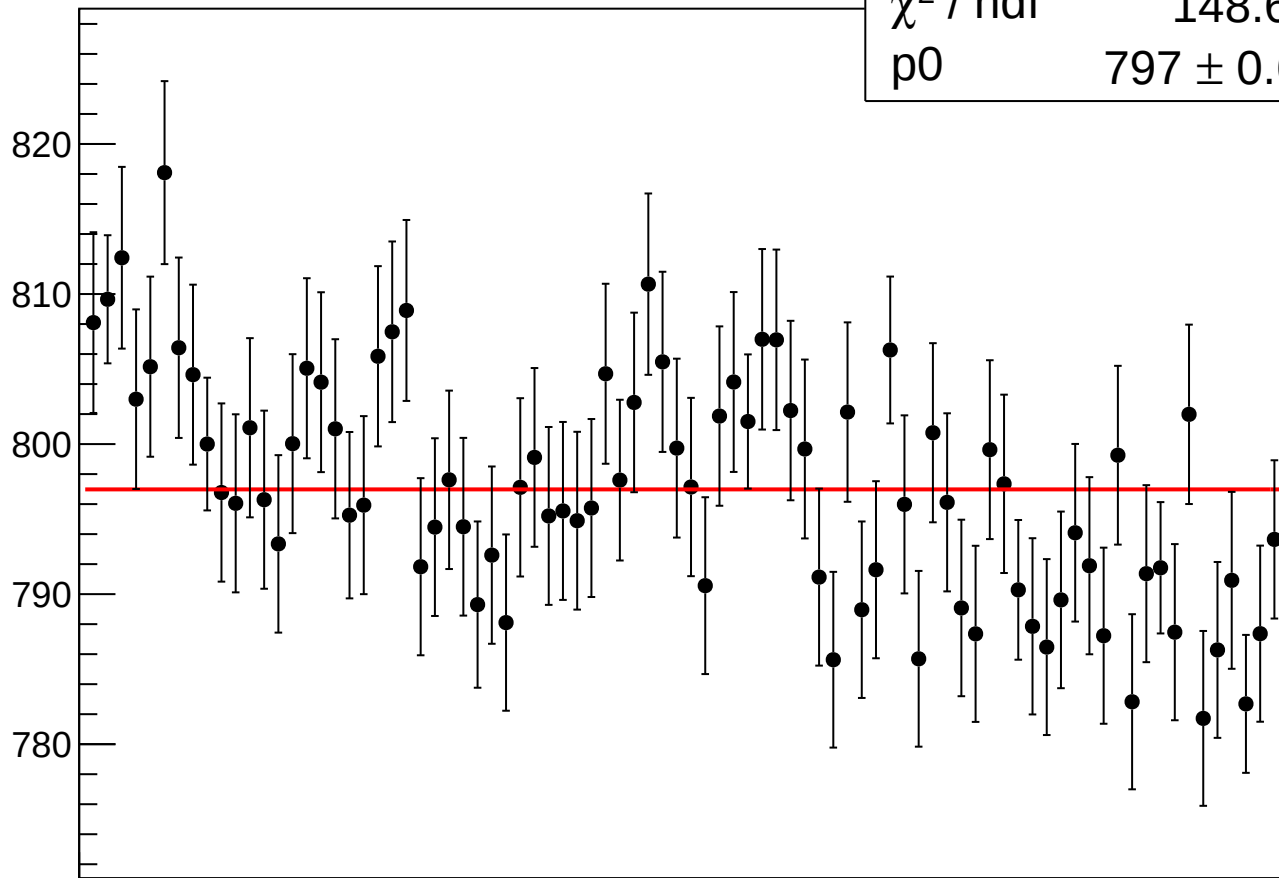
diff_bpm2i01X_rms vs run

χ^2 / ndf

148.6 / 83

p0

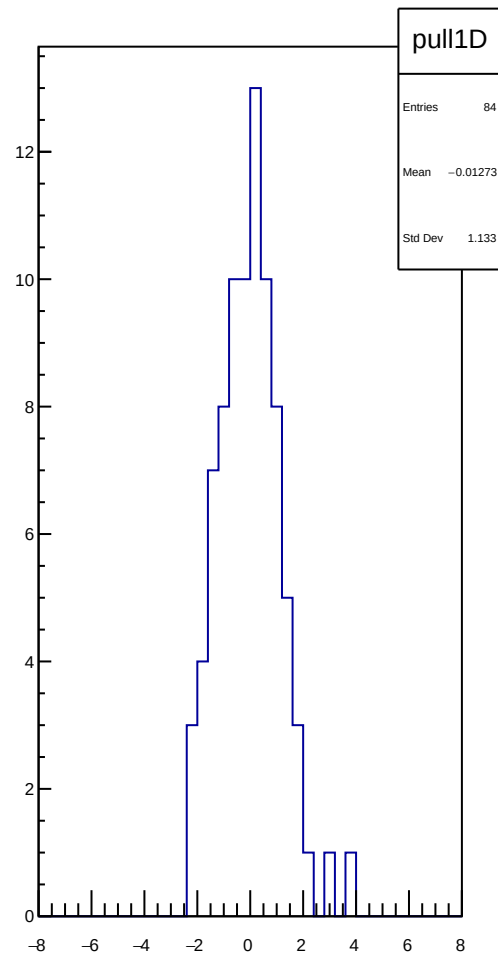
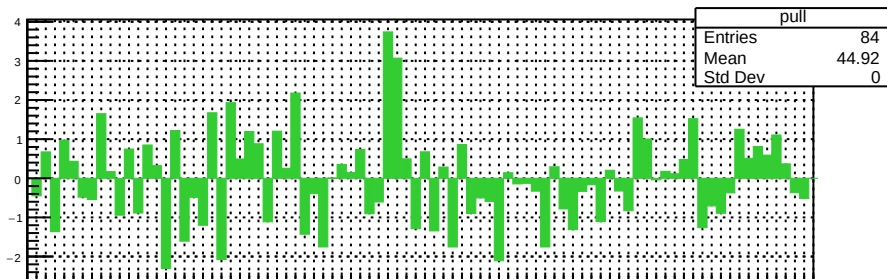
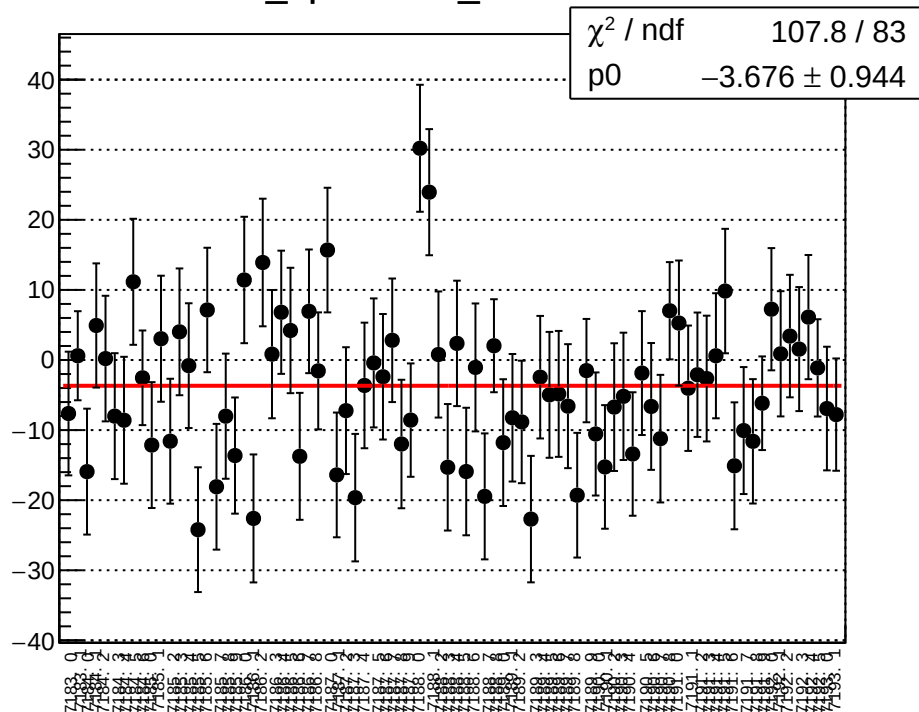
797 ± 0.6265



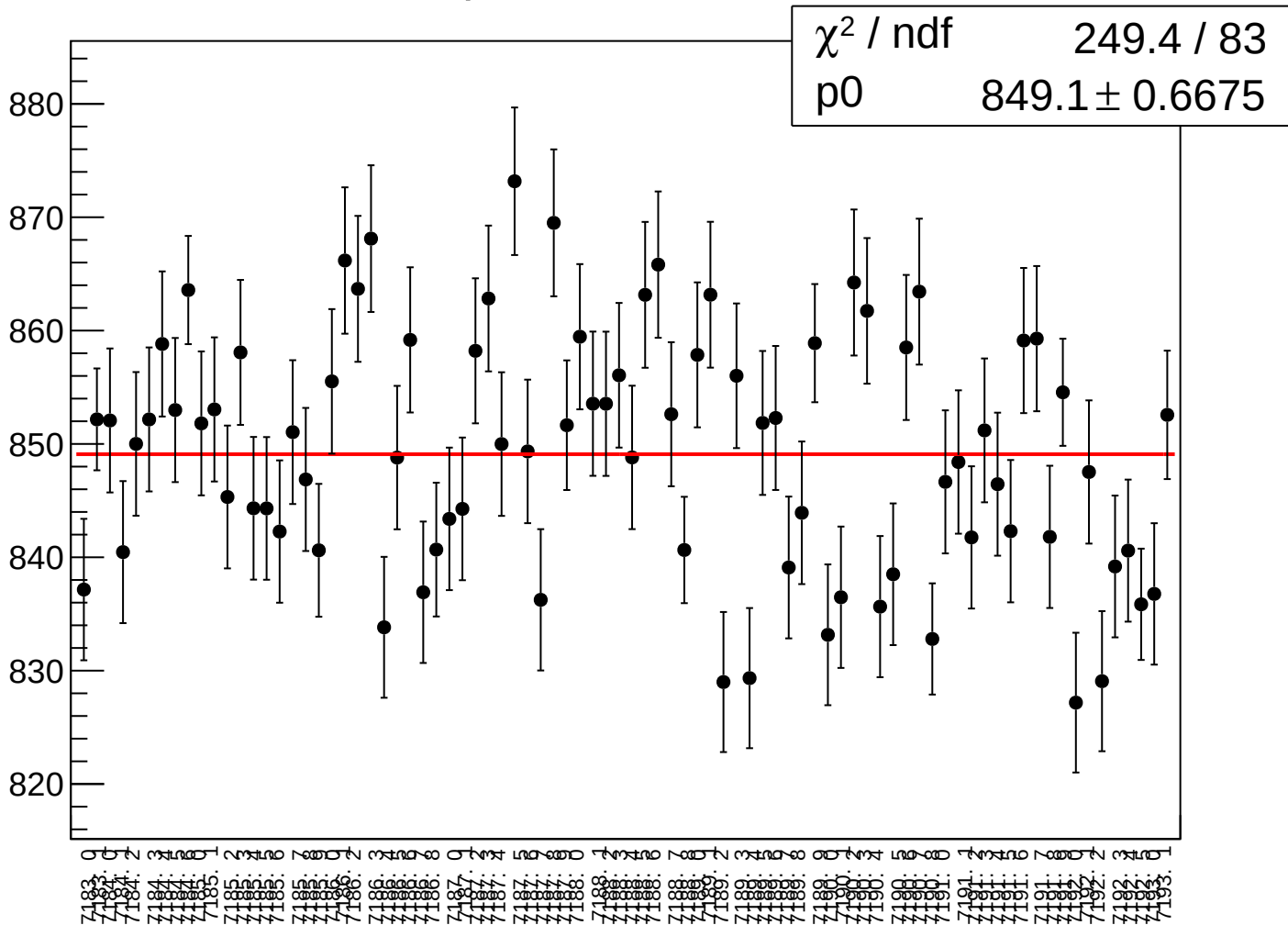
run

74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

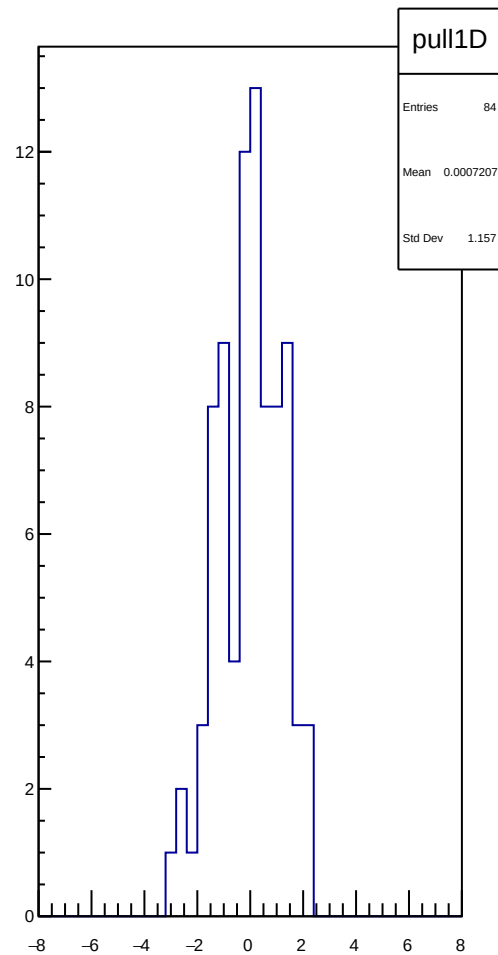
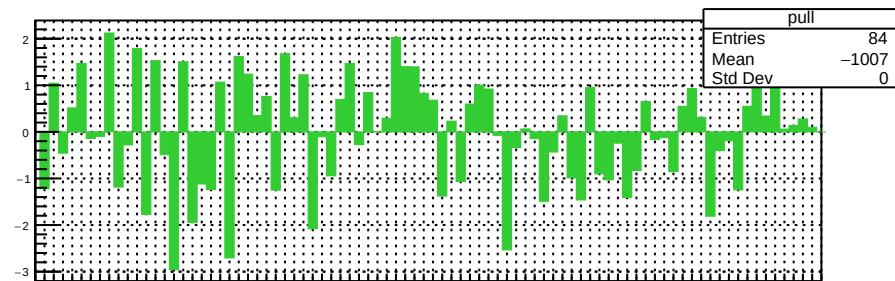
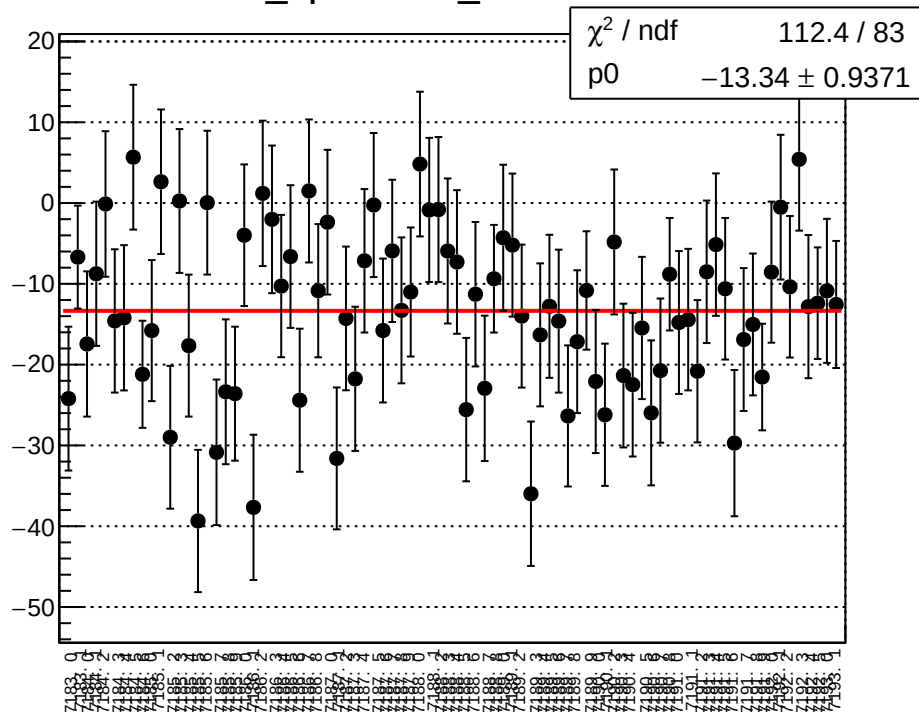
diff_bpm2i01Y_mean vs run



diff_bpm2i01Y_rms vs run



diff_bpm2i02X_mean vs run



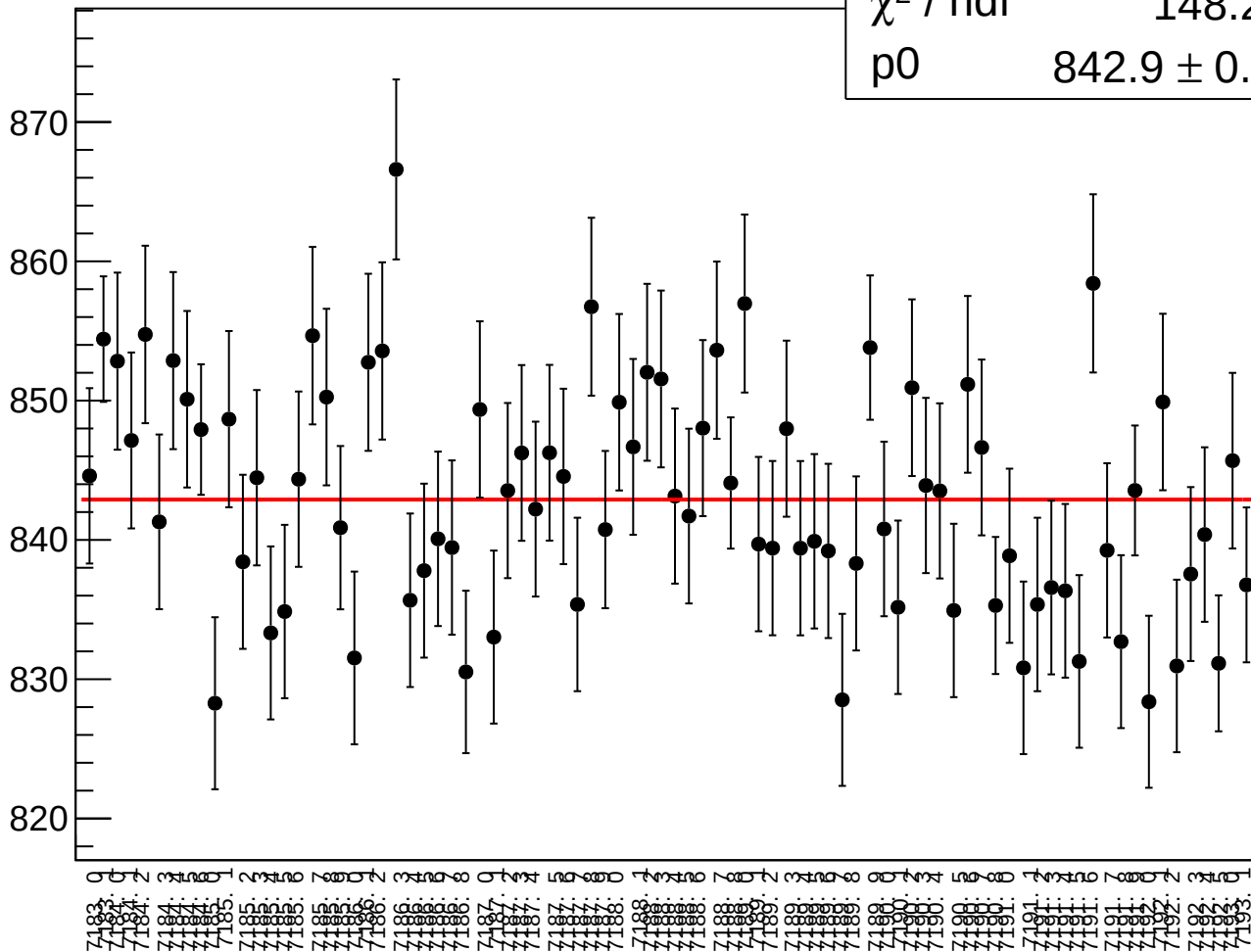
diff_bpm2i02X_rms vs run

χ^2 / ndf

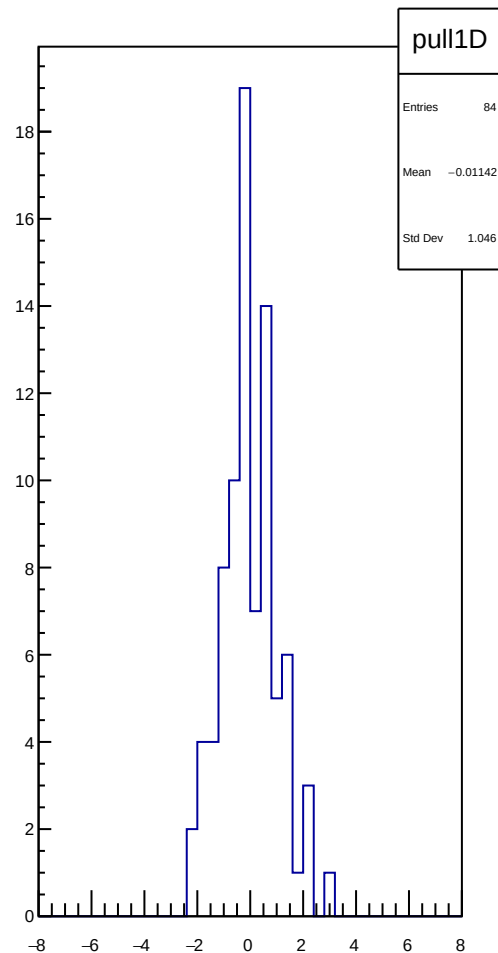
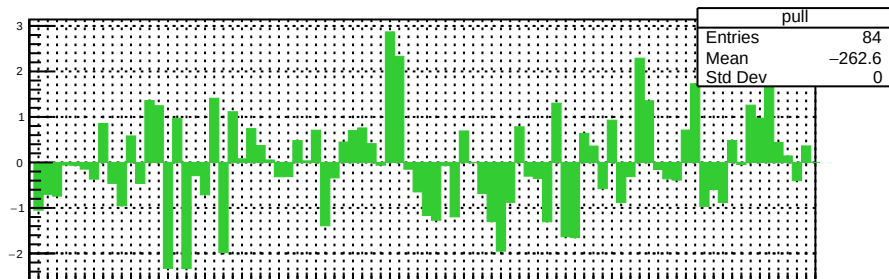
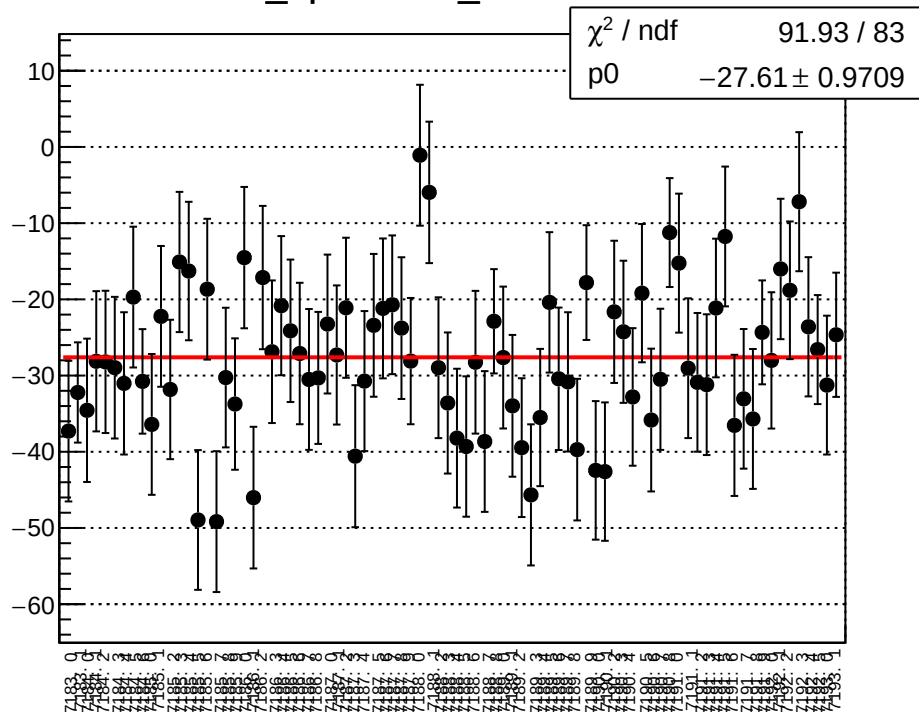
148.2 / 83

p0

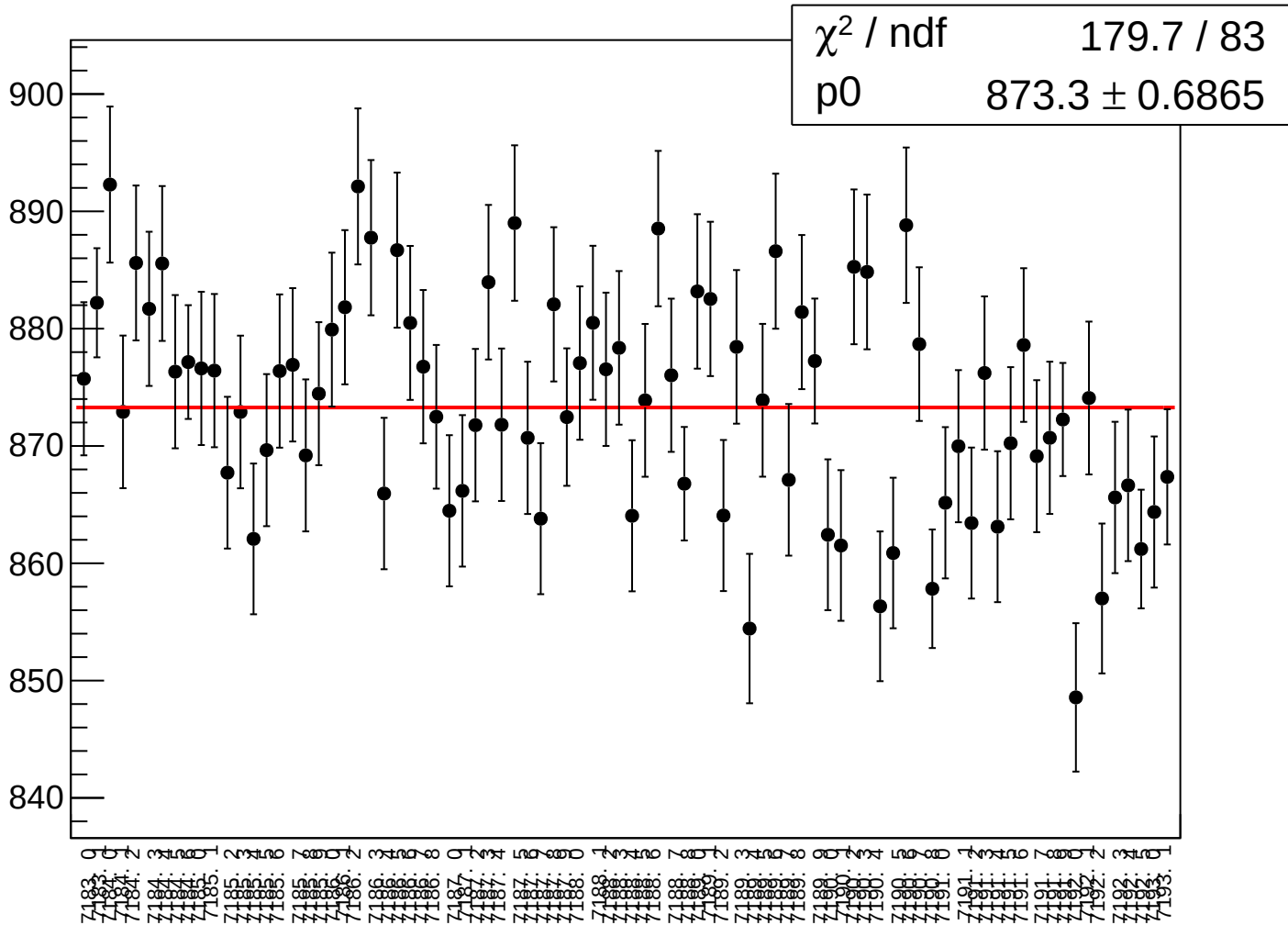
842.9 ± 0.6626



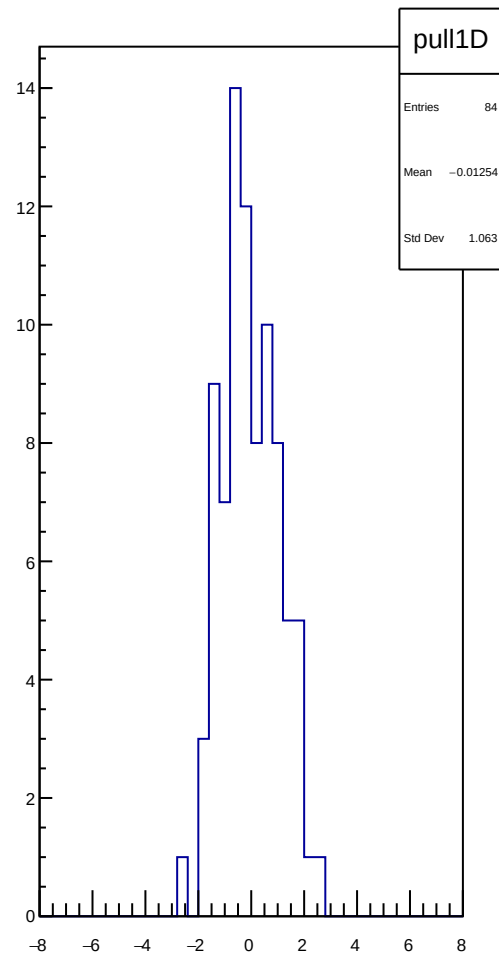
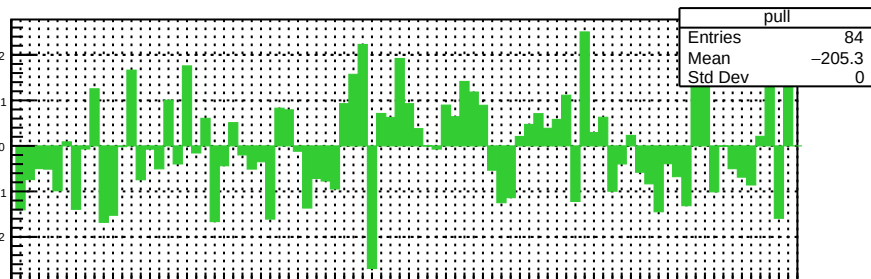
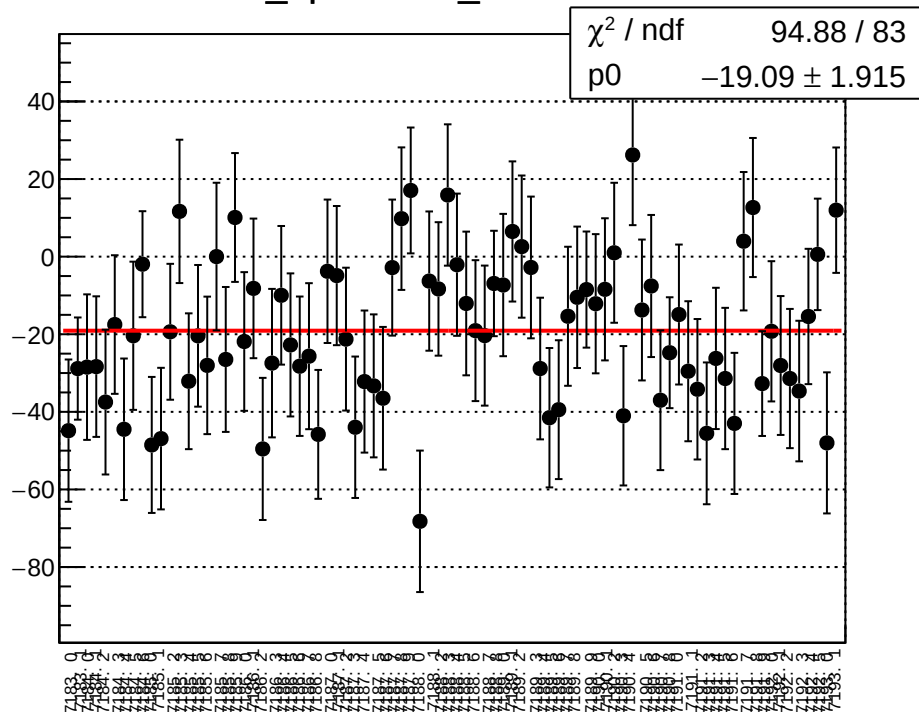
diff_bpm2i02Y_mean vs run



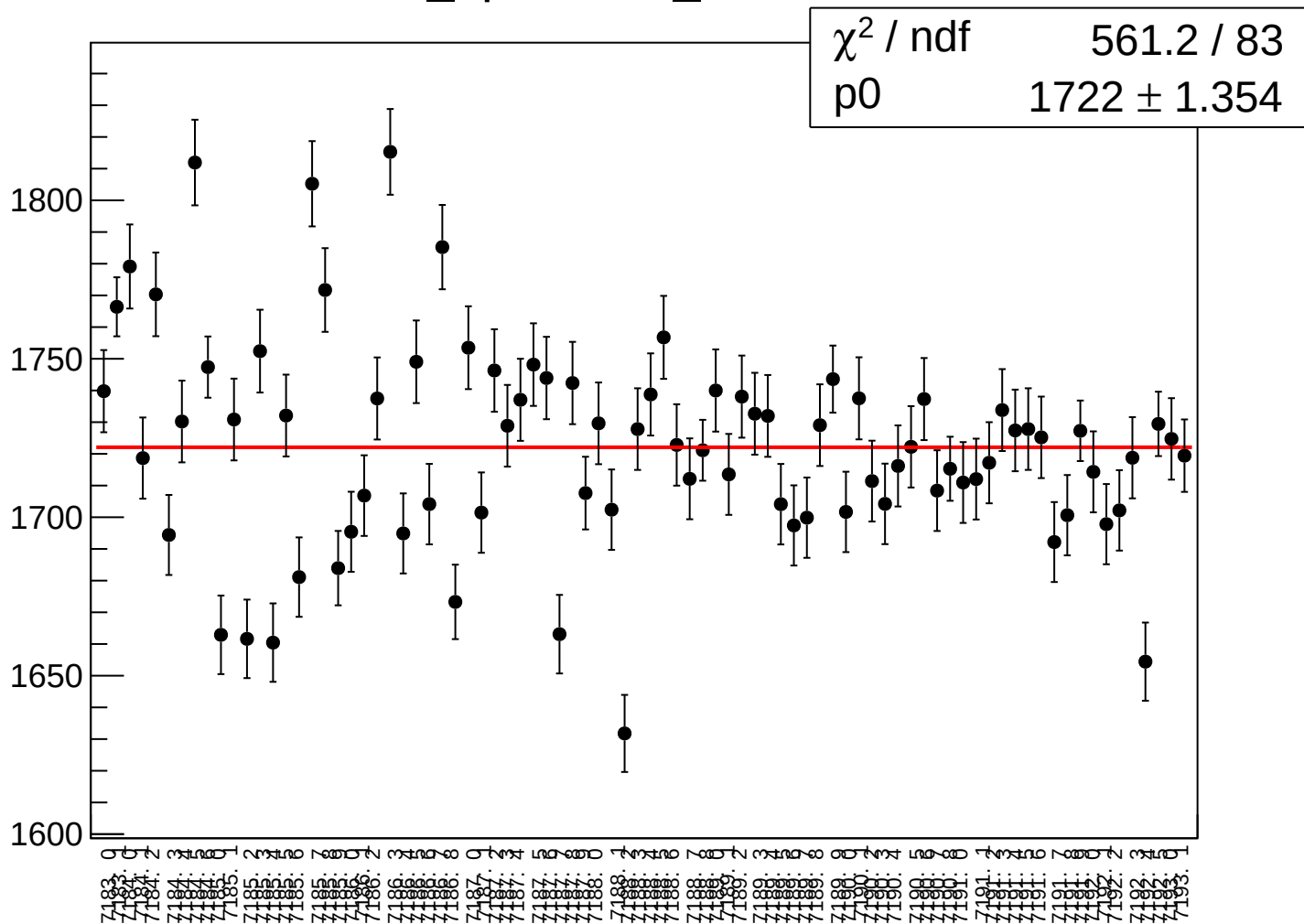
diff_bpm2i02Y_rms vs run



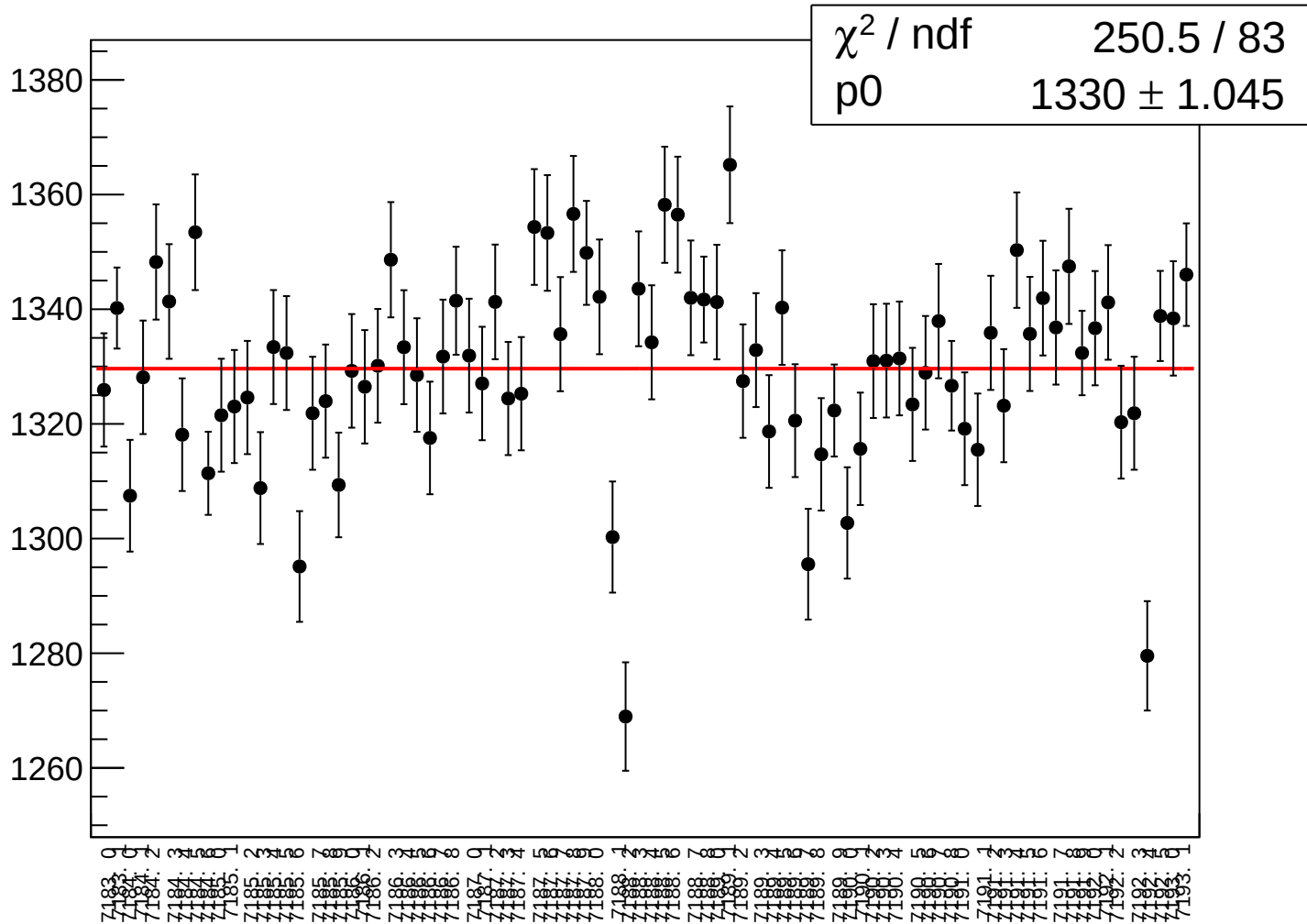
diff_bpm0i02X_mean vs run



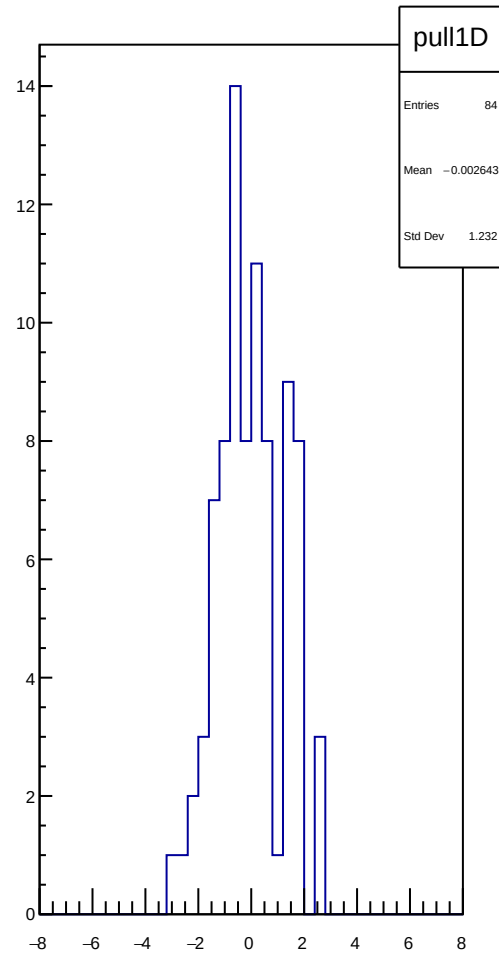
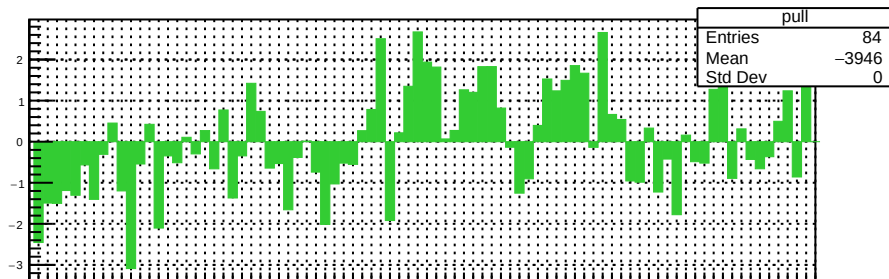
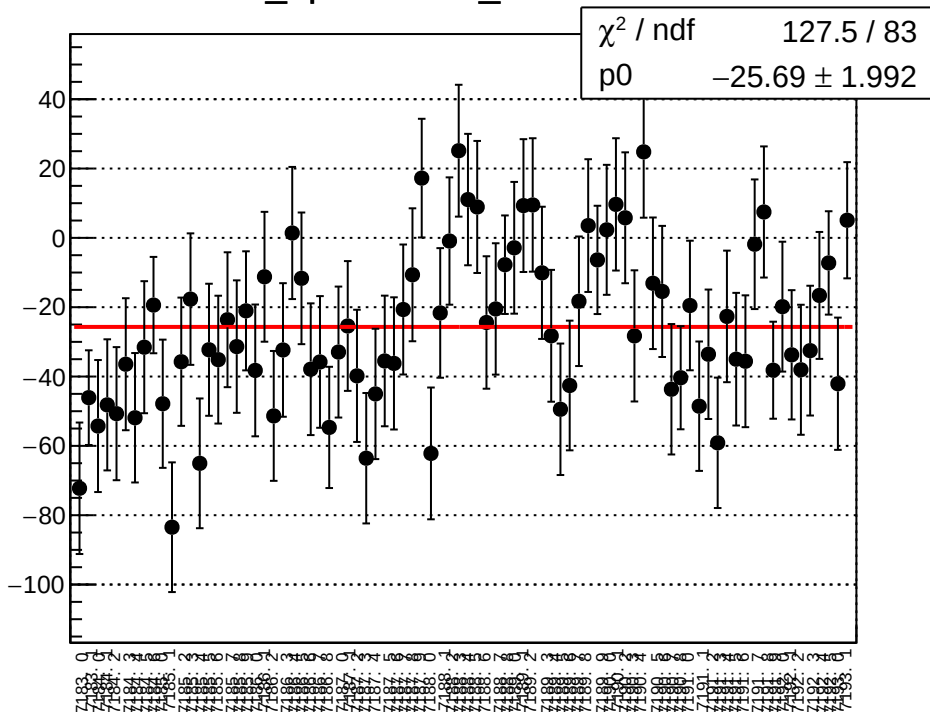
diff_bpm0i02X_rms vs run



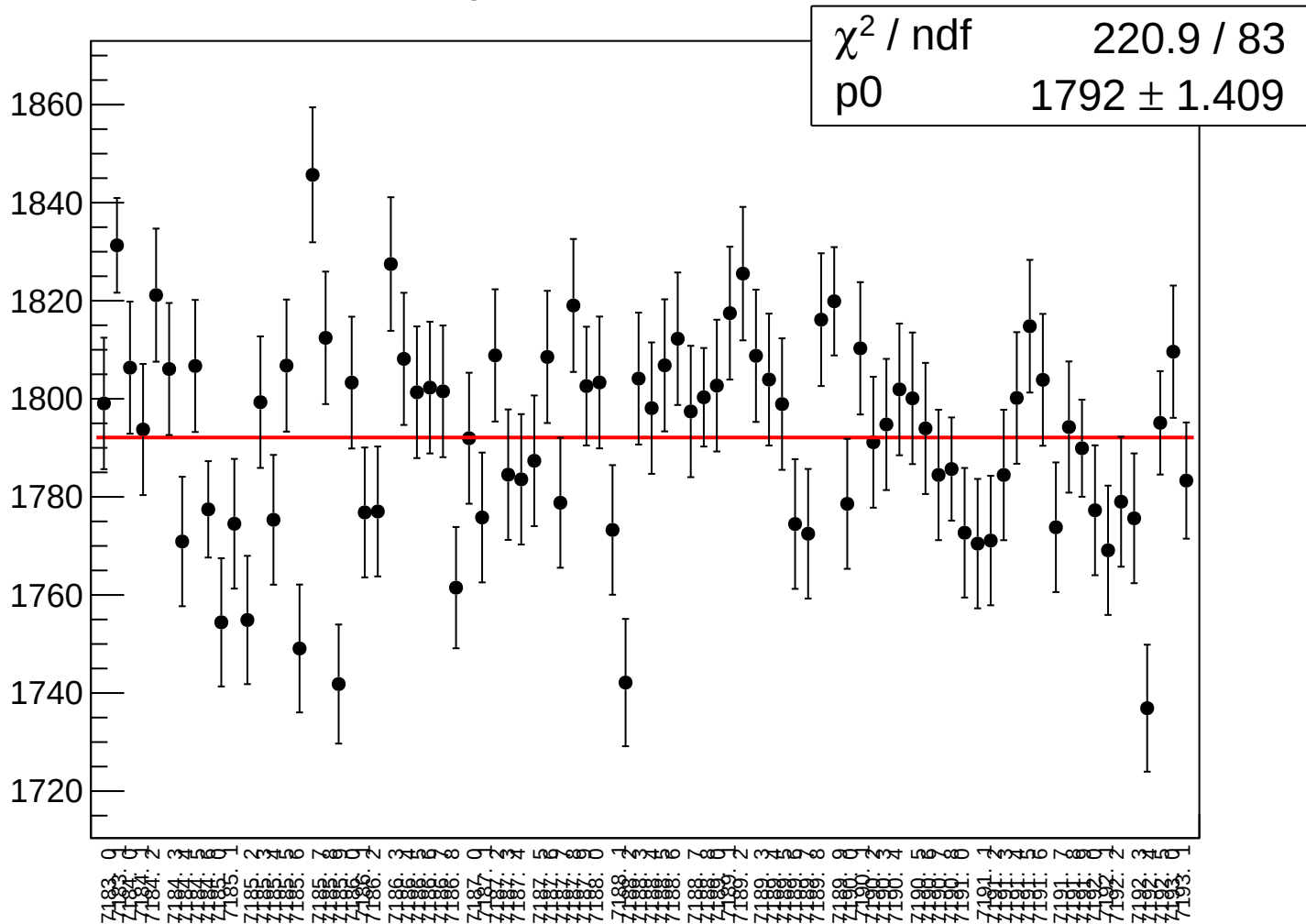
diff_bpm0i02Y_rms vs run



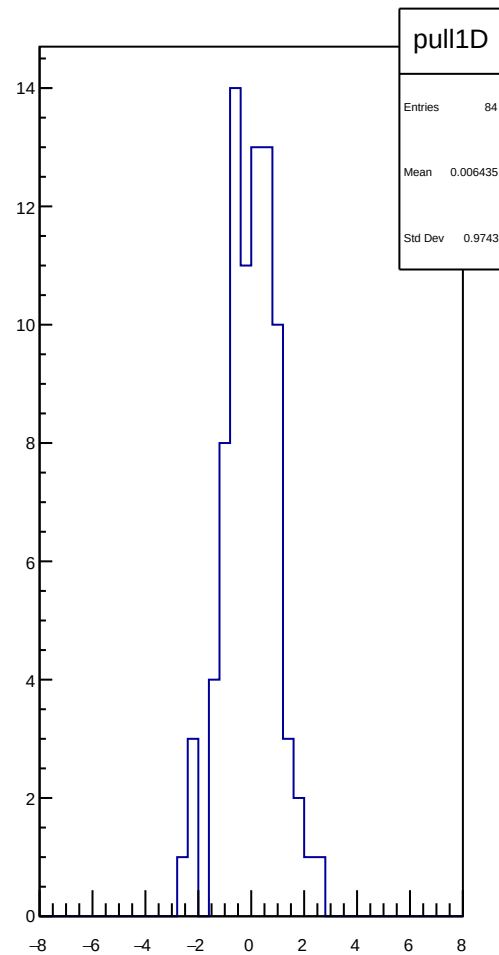
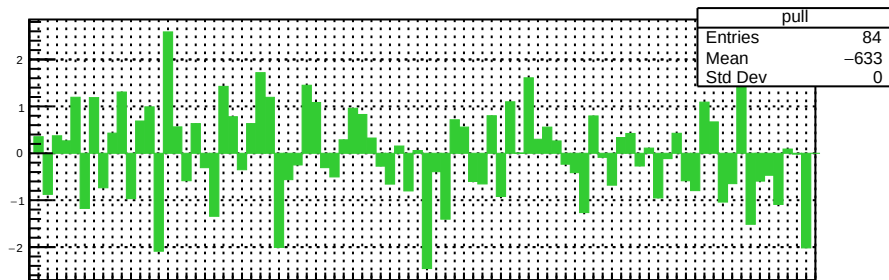
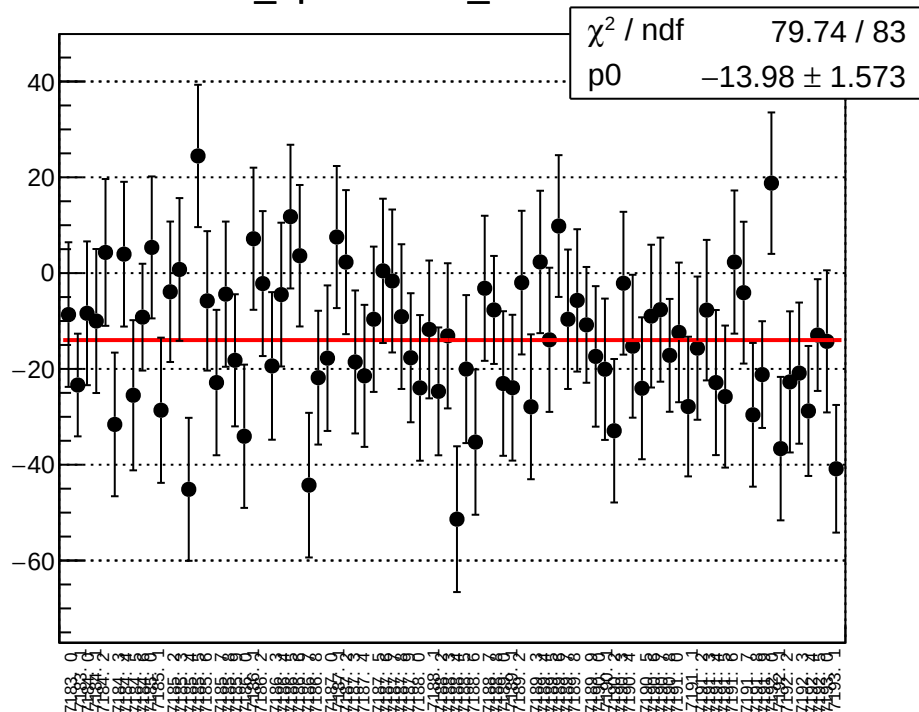
diff_bpm0i02aX_mean vs run



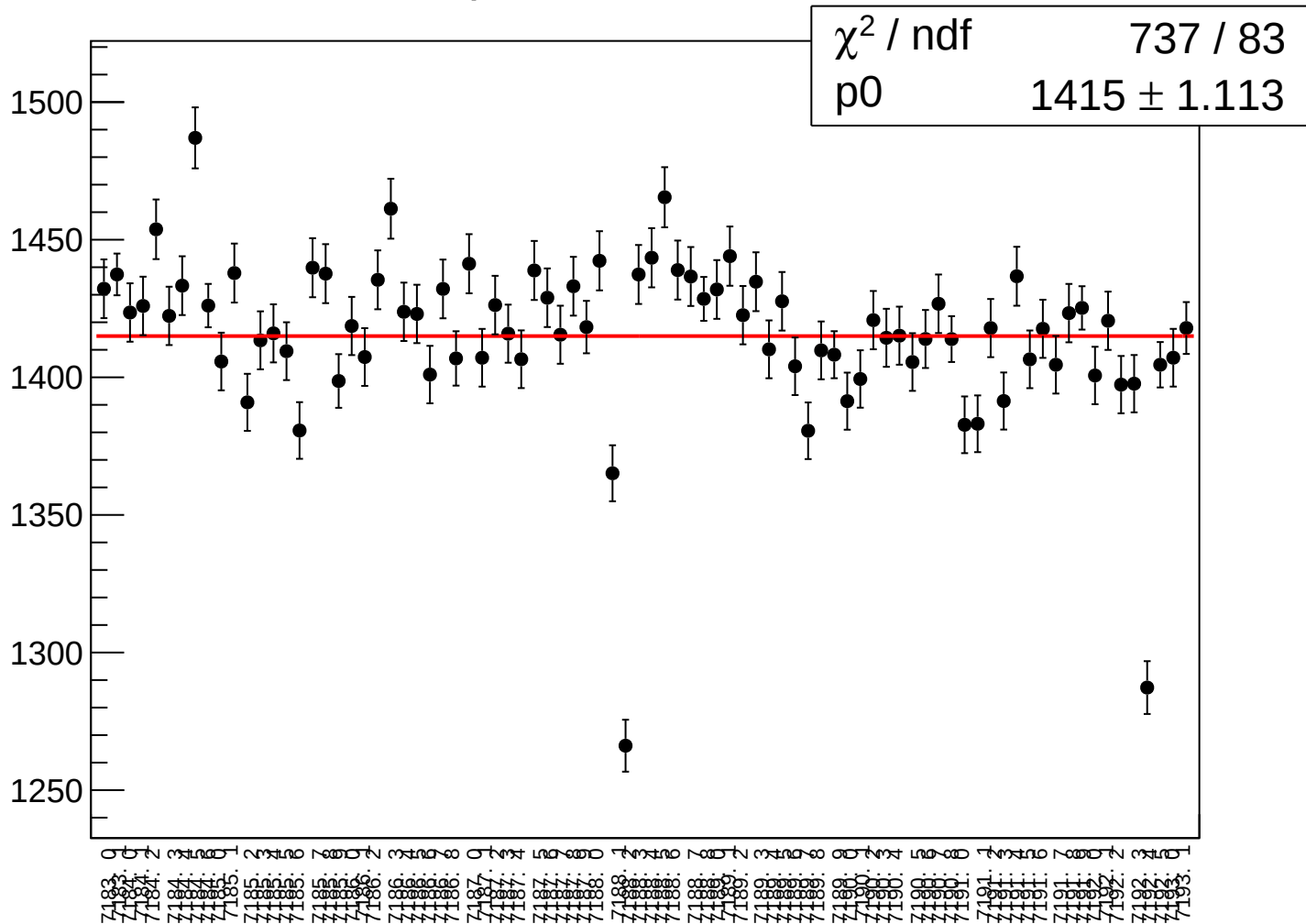
diff_bpm0i02aX_rms vs run



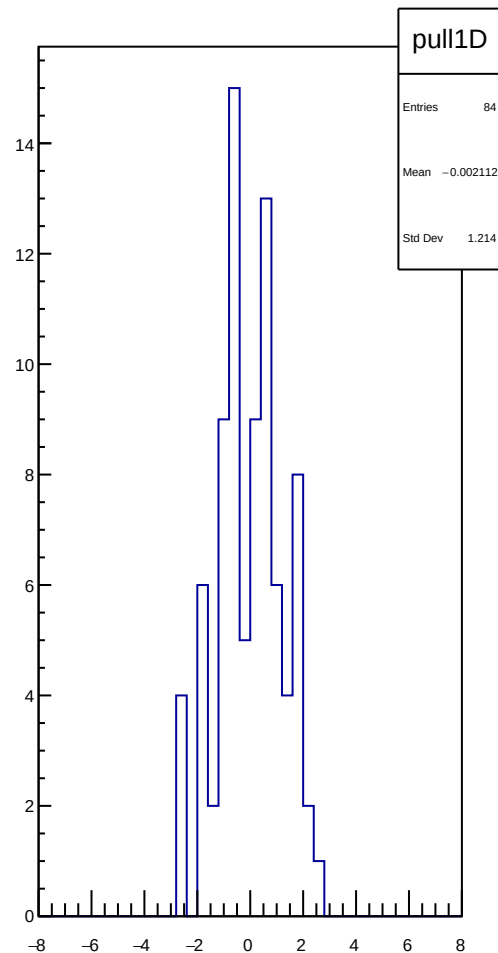
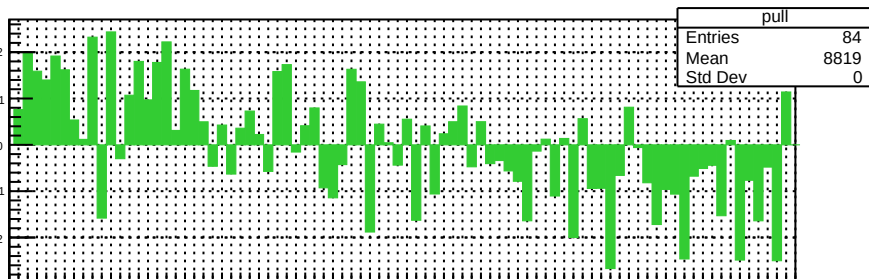
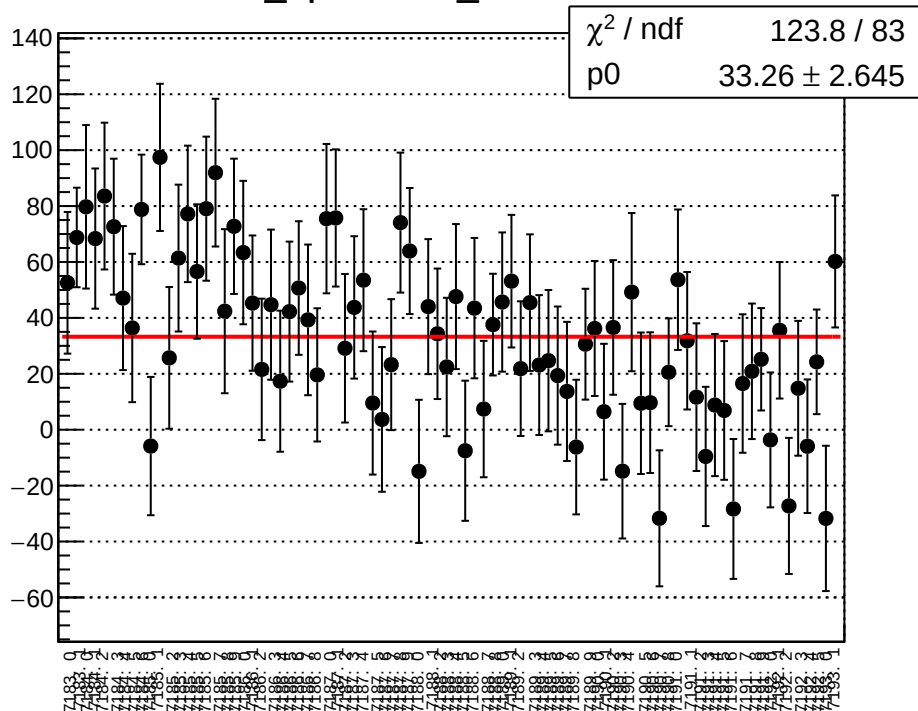
diff_bpm0i02aY_mean vs run



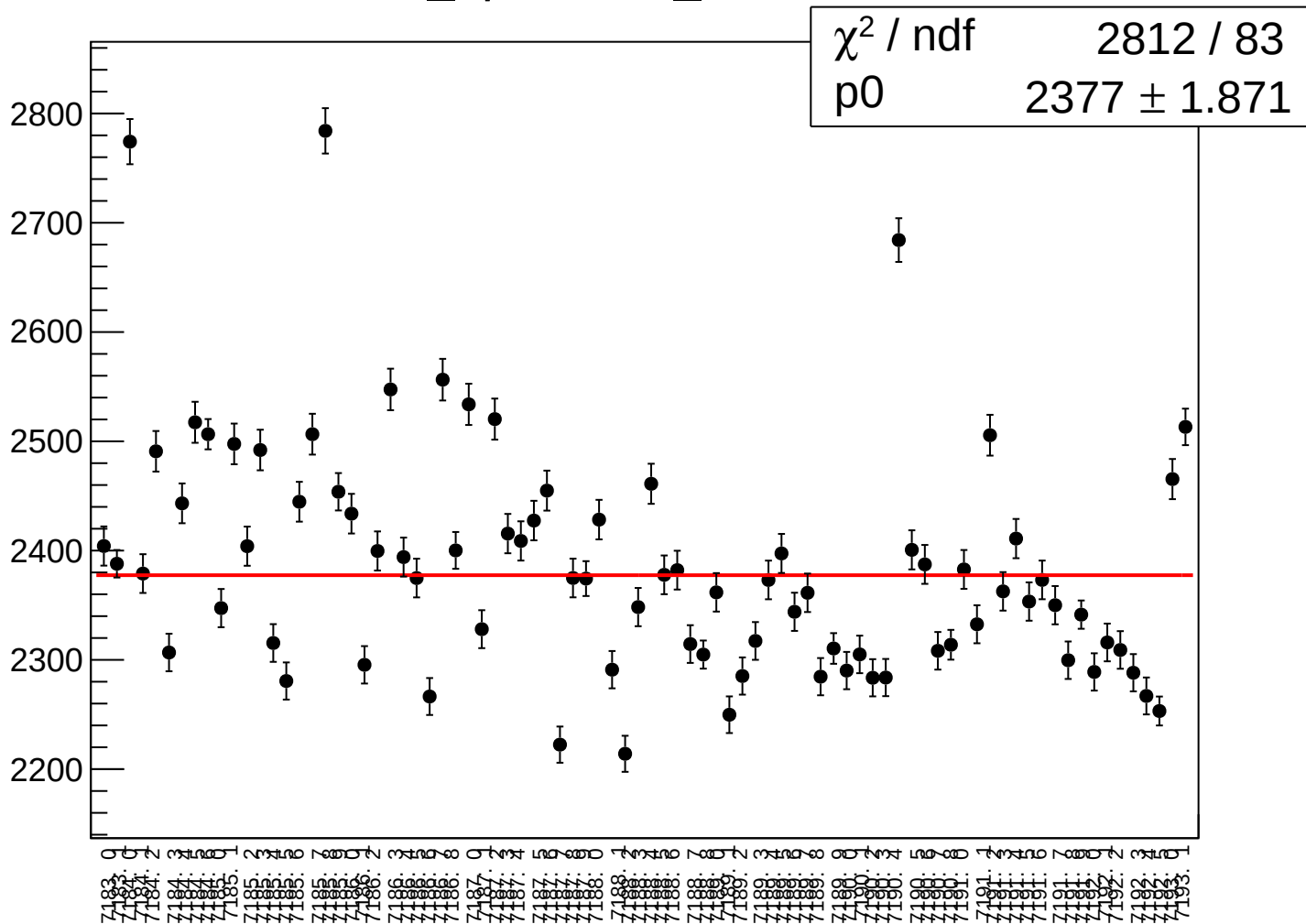
diff_bpm0i02aY_rms vs run



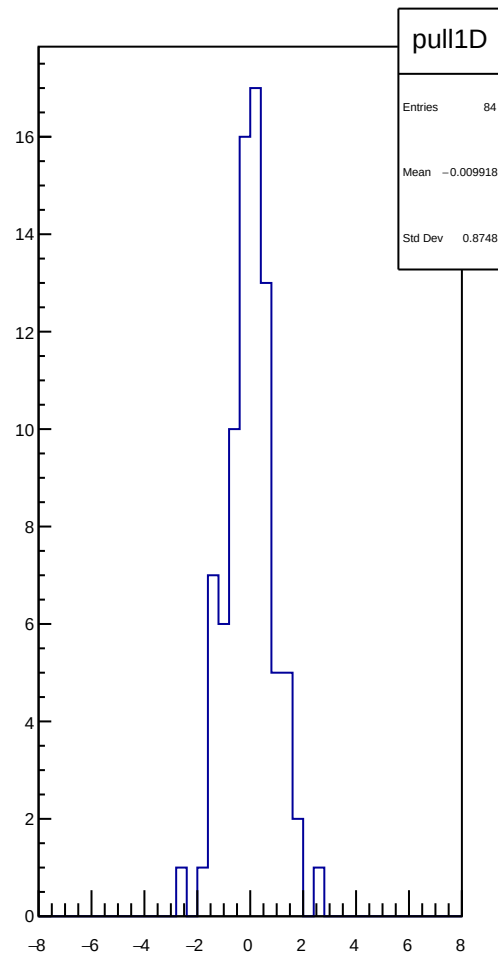
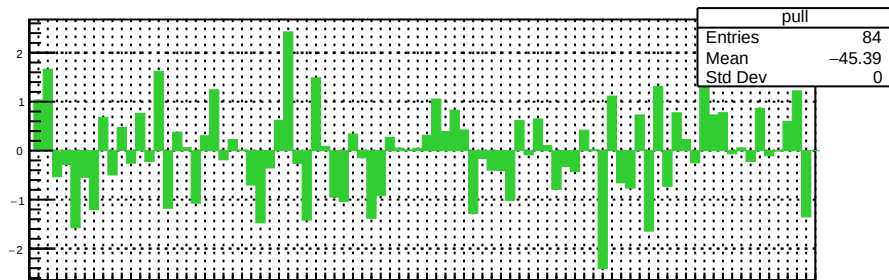
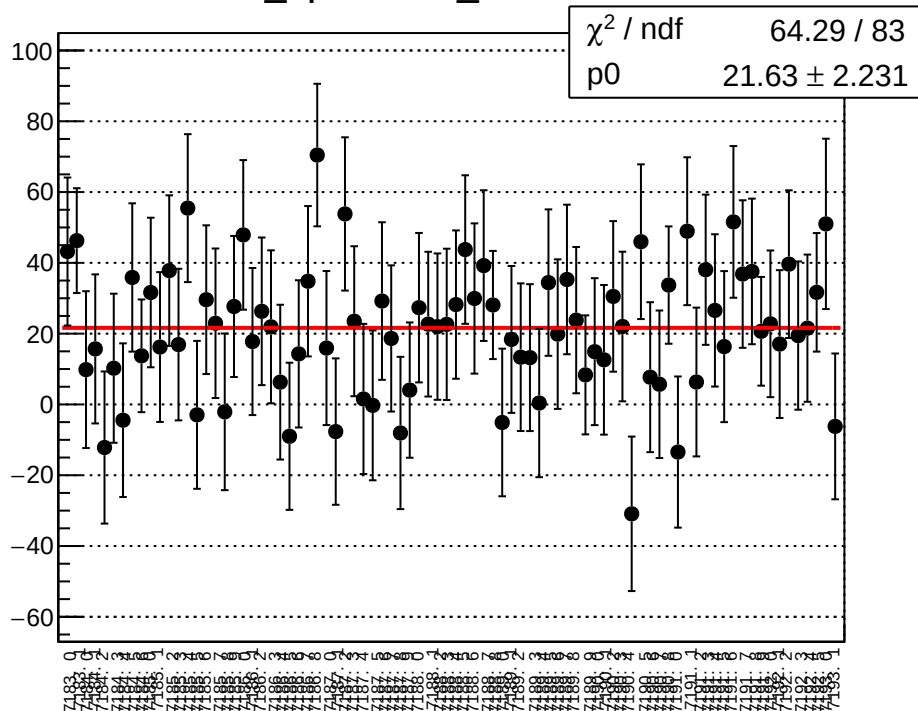
diff_bpm0i05X_mean vs run



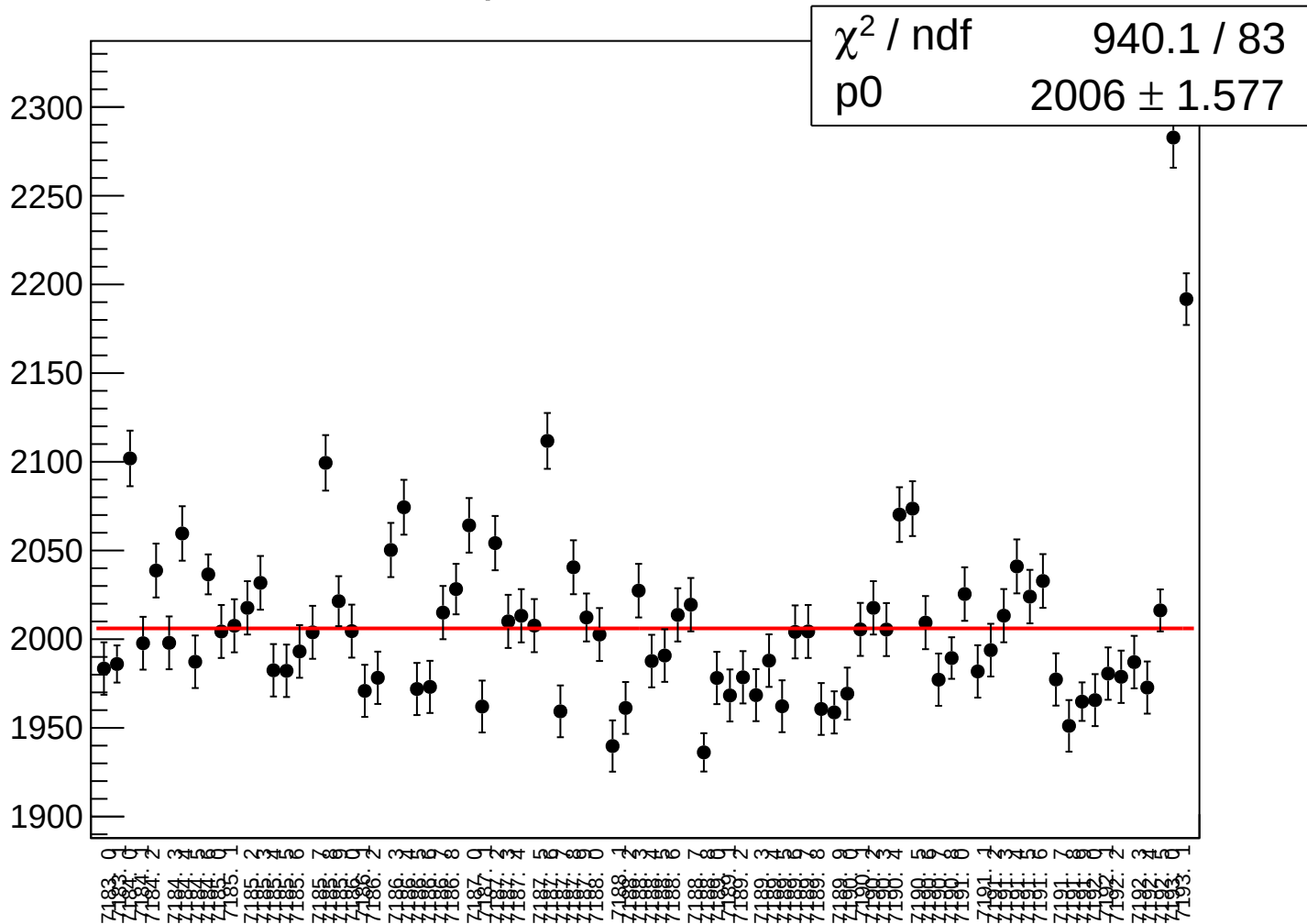
diff_bpm0i05X_rms vs run



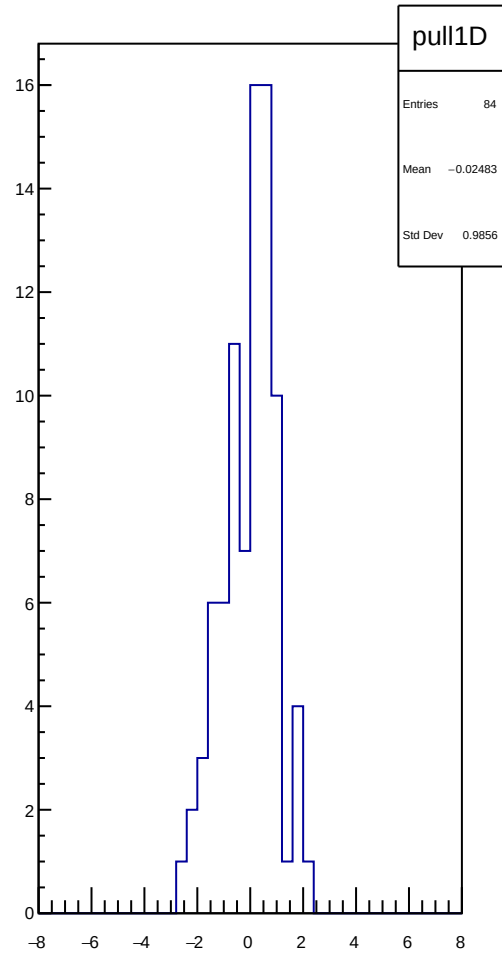
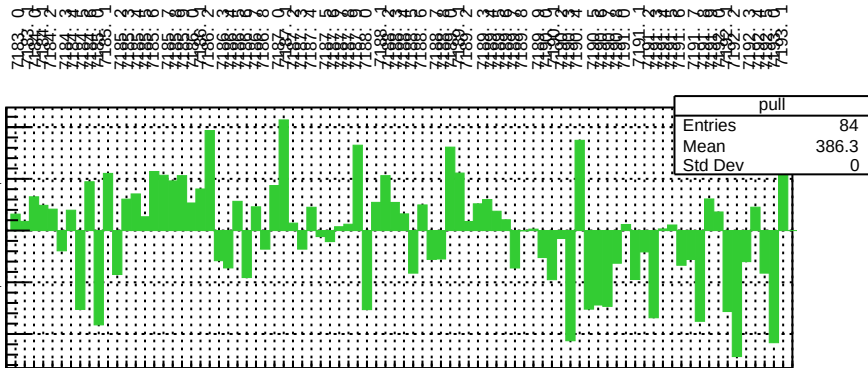
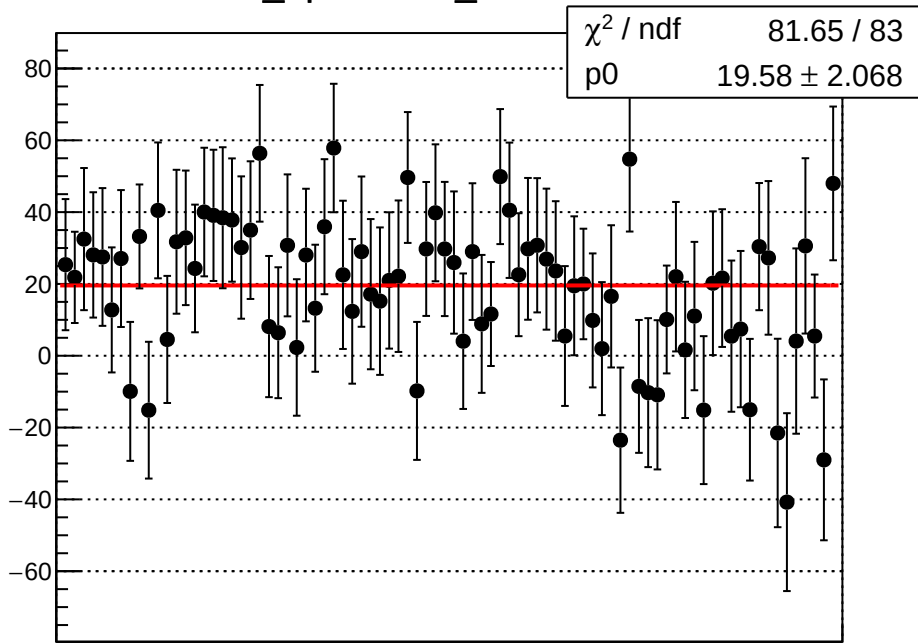
diff_bpm0i05Y_mean vs run



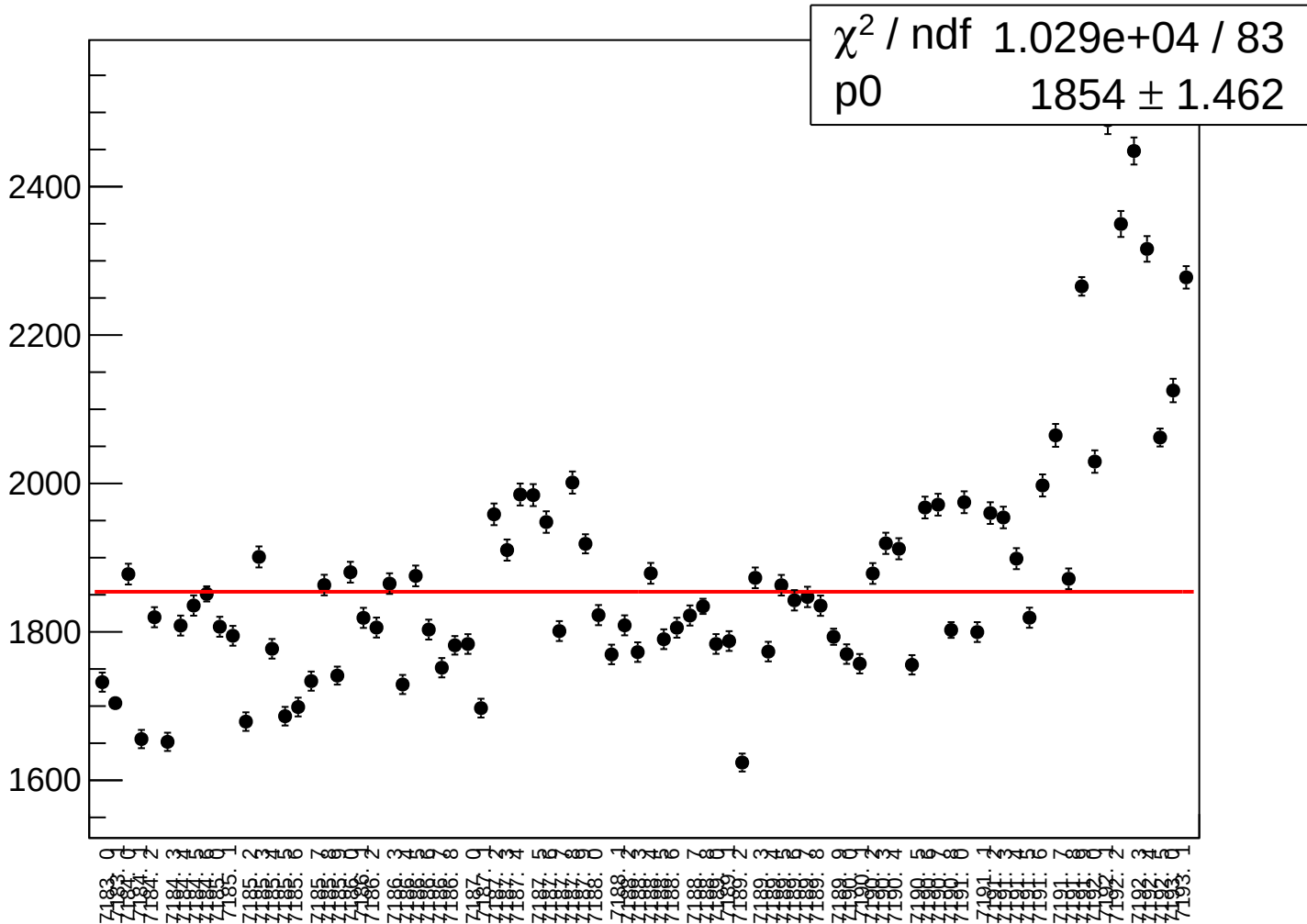
diff_bpm0i05Y_rms vs run



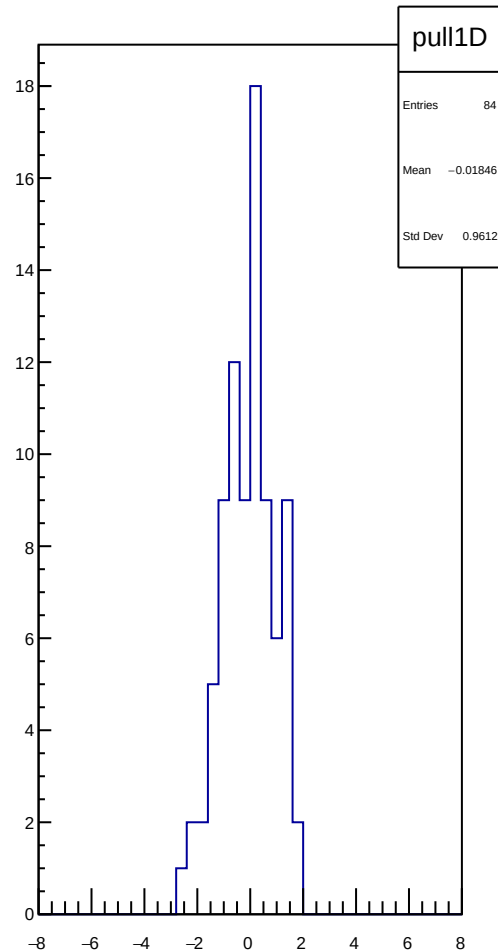
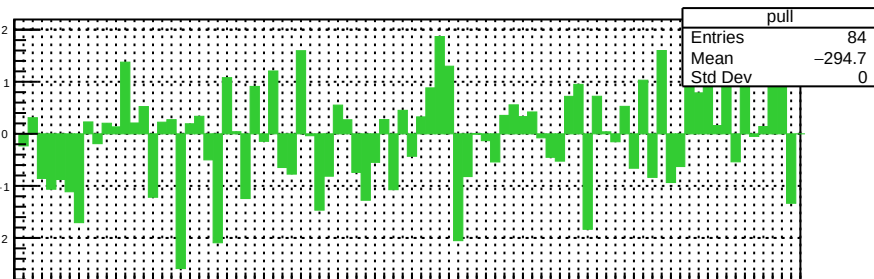
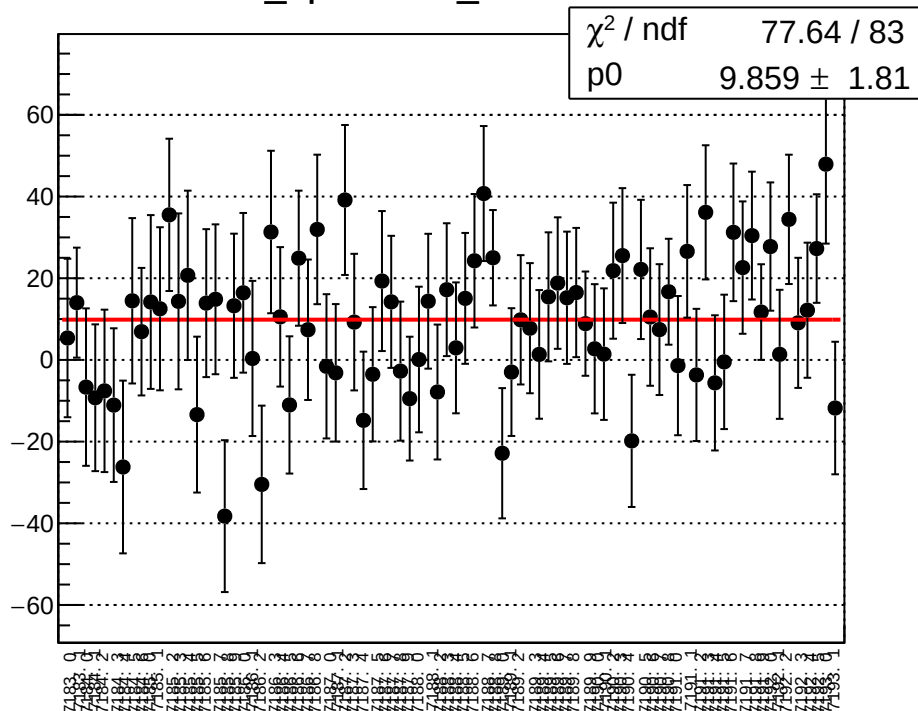
diff_bpm0i07X_mean vs run



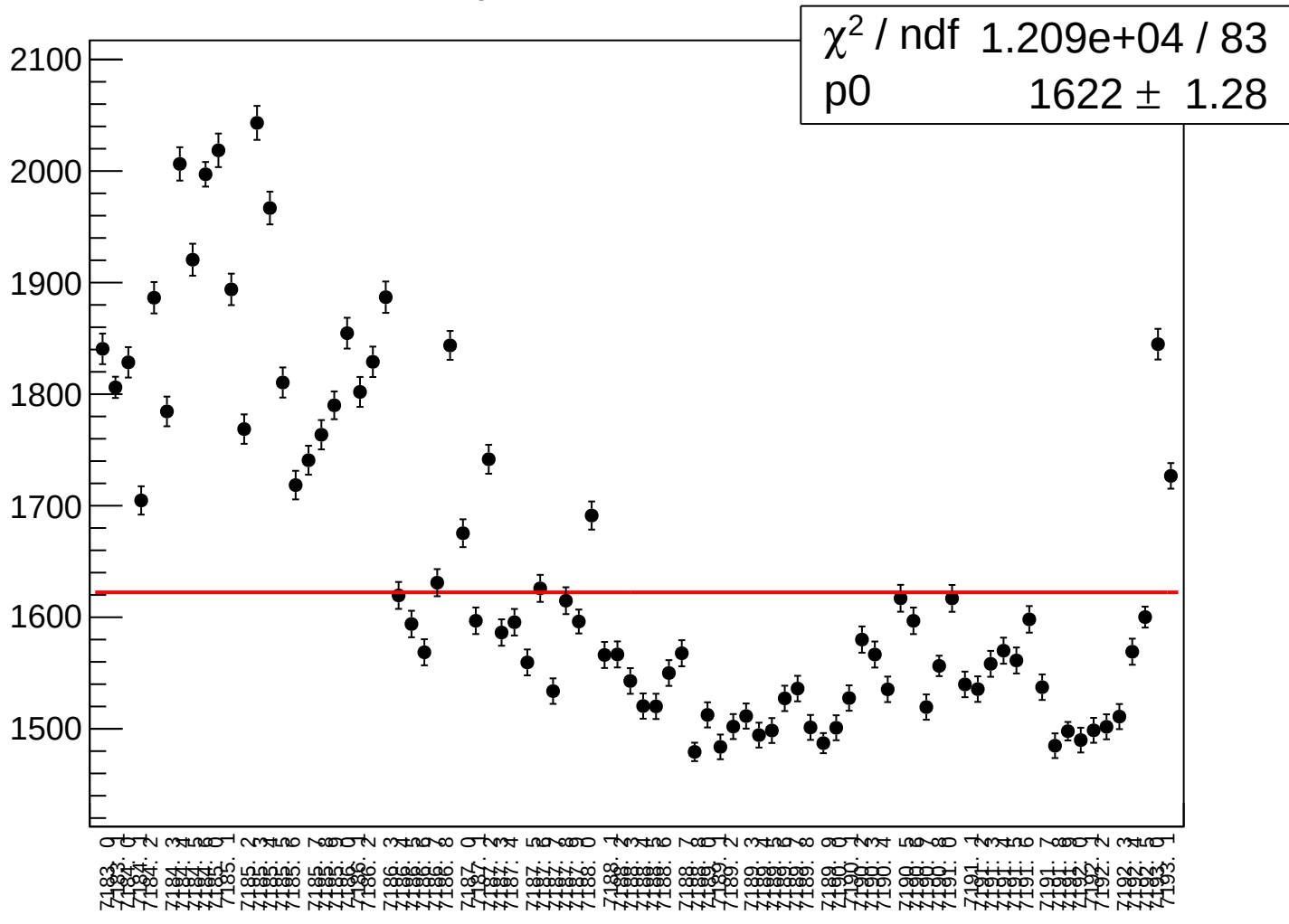
diff_bpm0i07X_rms vs run



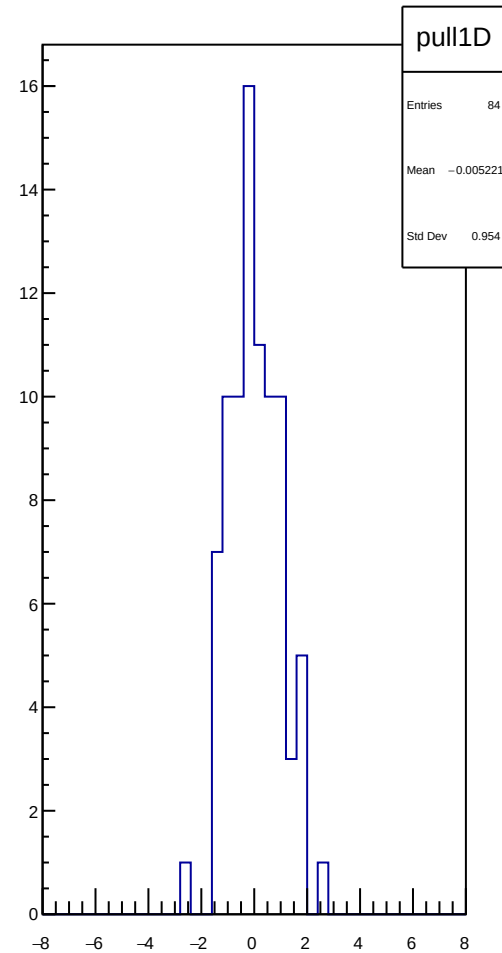
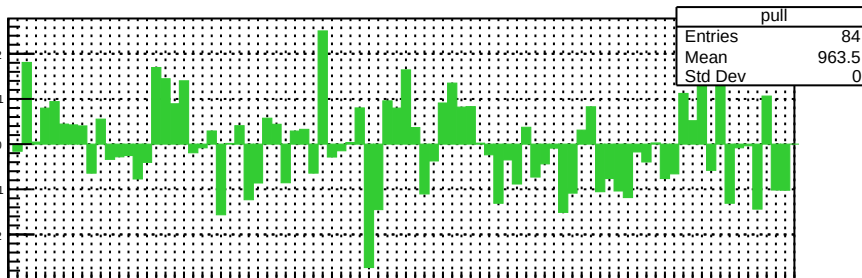
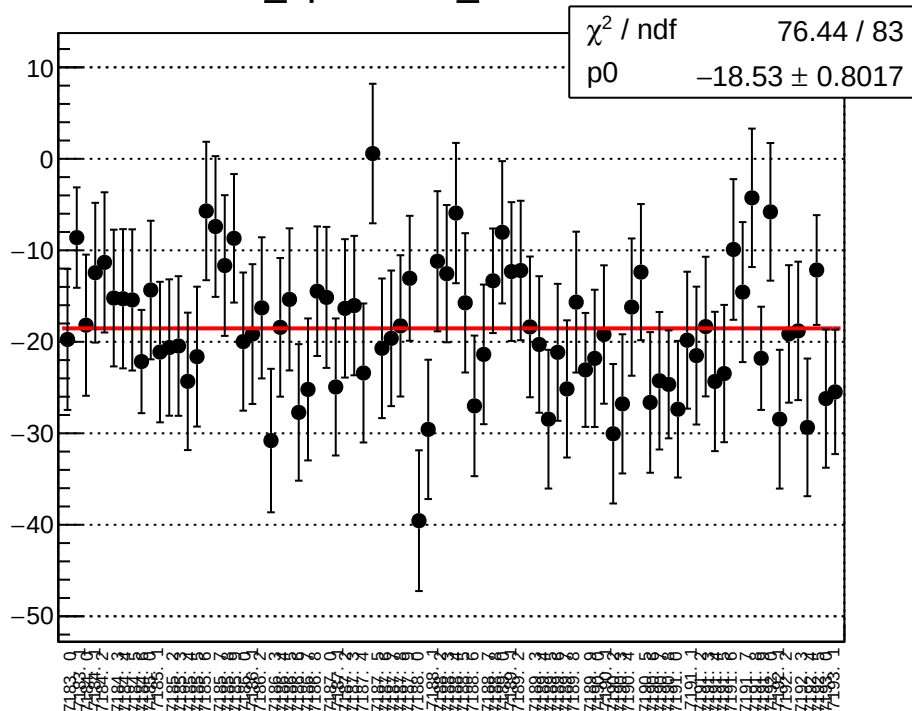
diff_bpm0i07Y_mean vs run



diff_bpm0i07Y_rms vs run



diff_bpm1i02X_mean vs run



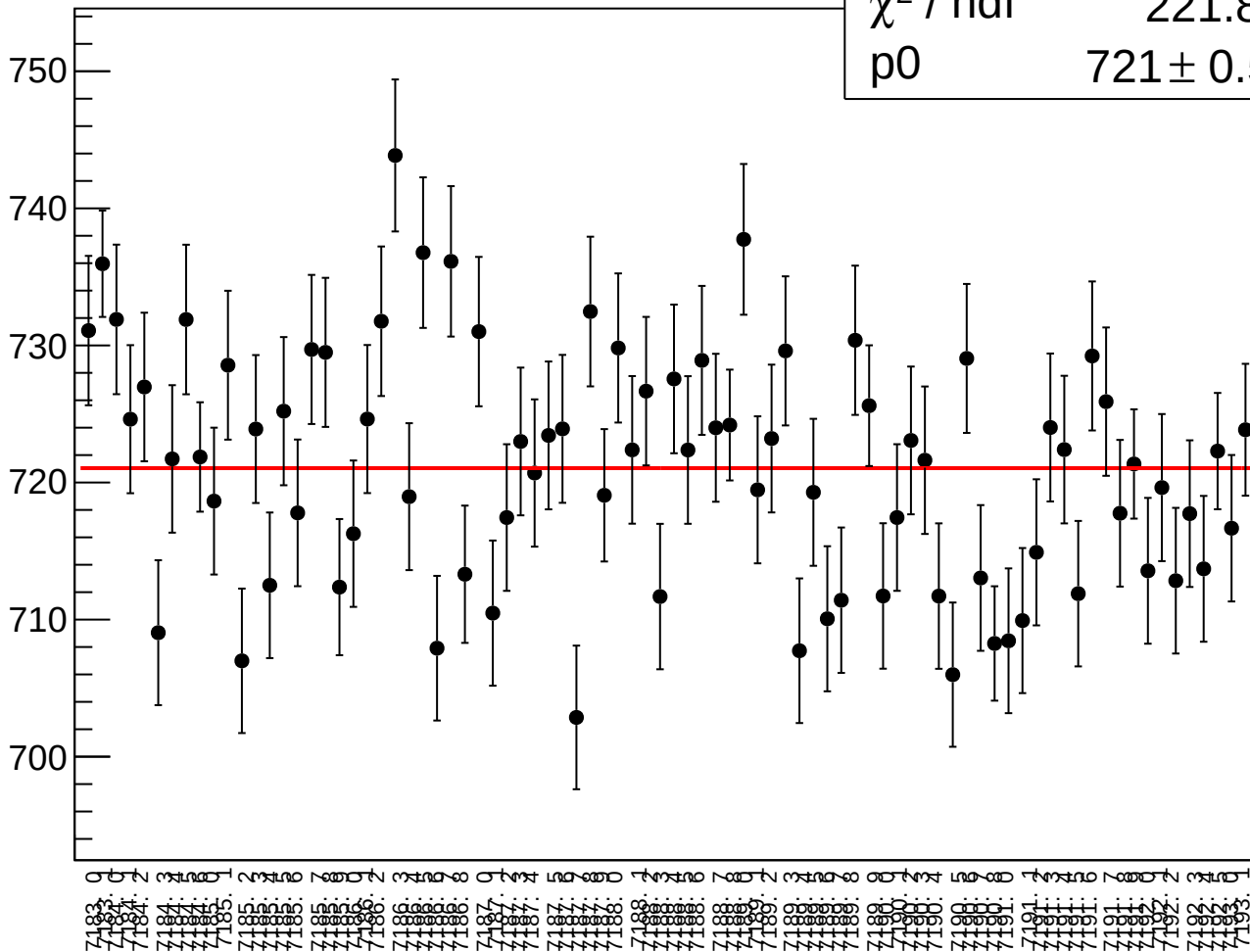
diff_bpm1i02X_rms vs run

χ^2 / ndf

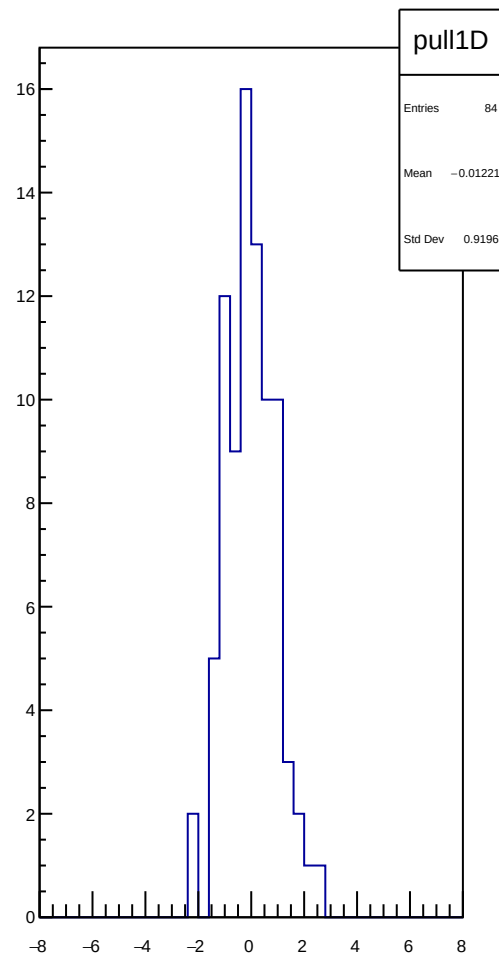
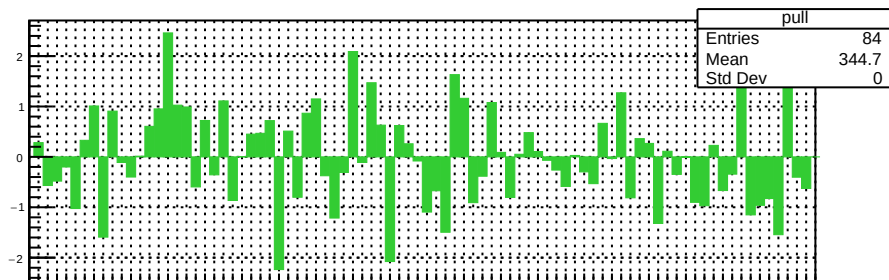
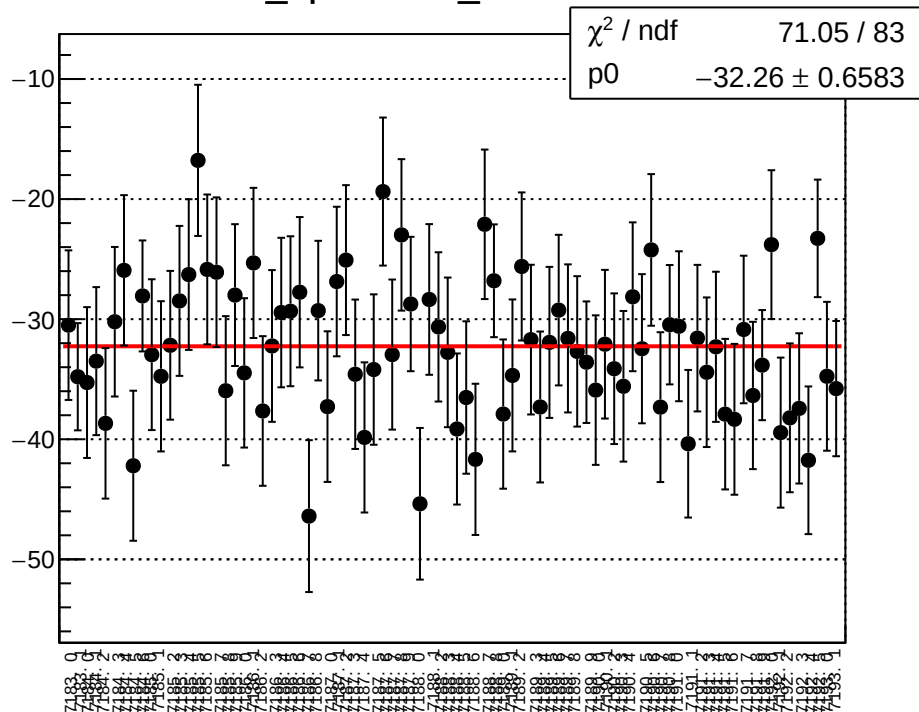
221.8 / 83

p0

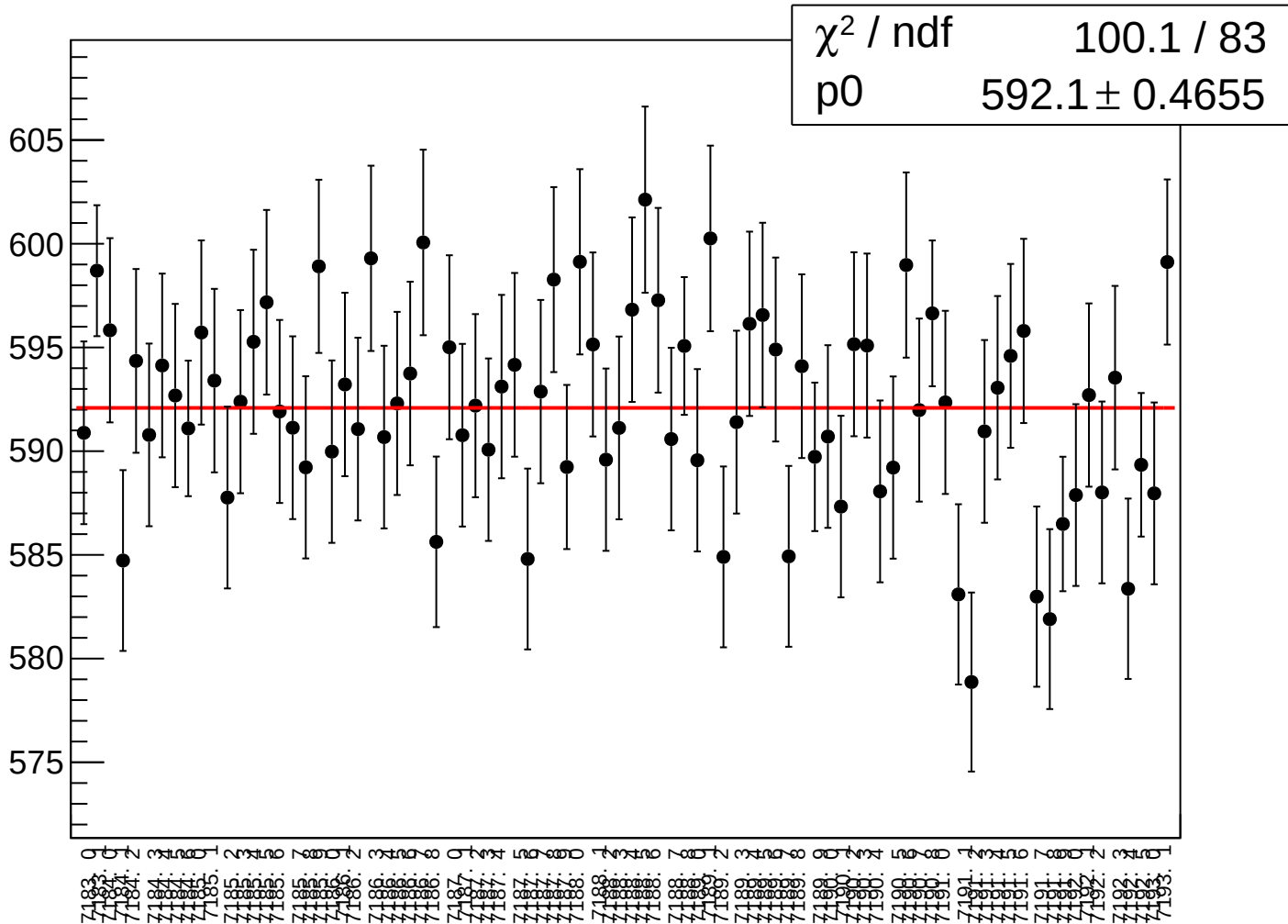
721 ± 0.5669



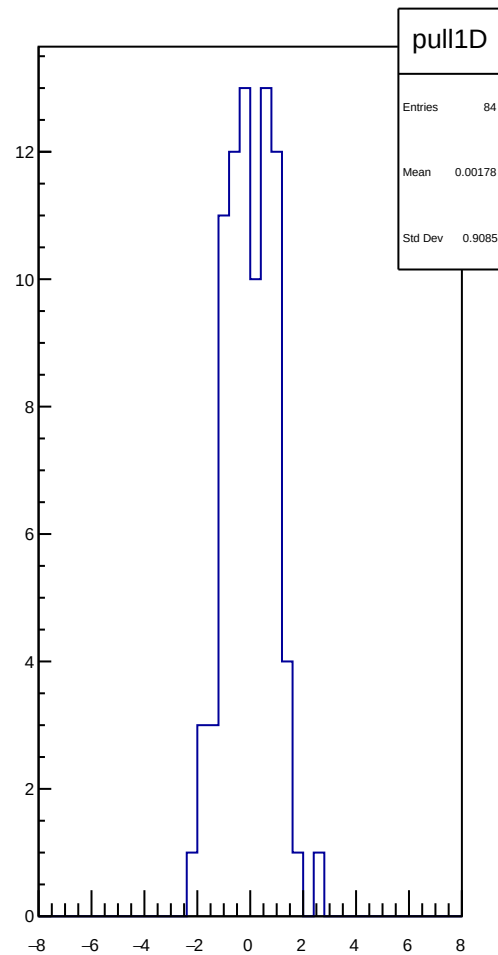
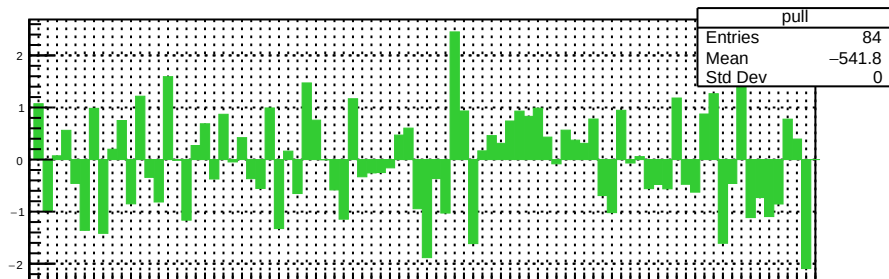
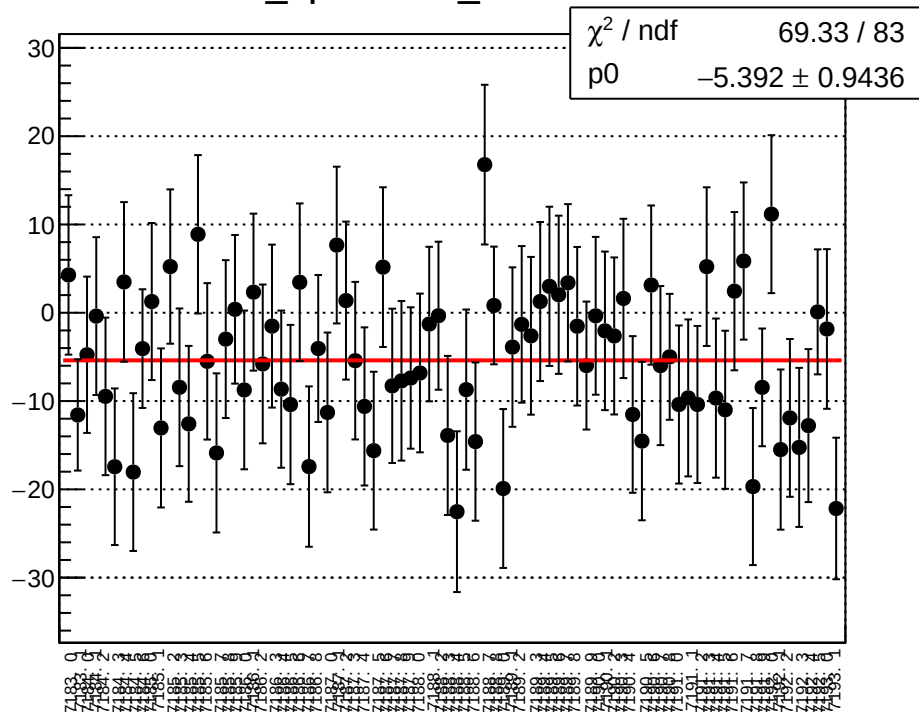
diff_bpm1i02Y_mean vs run



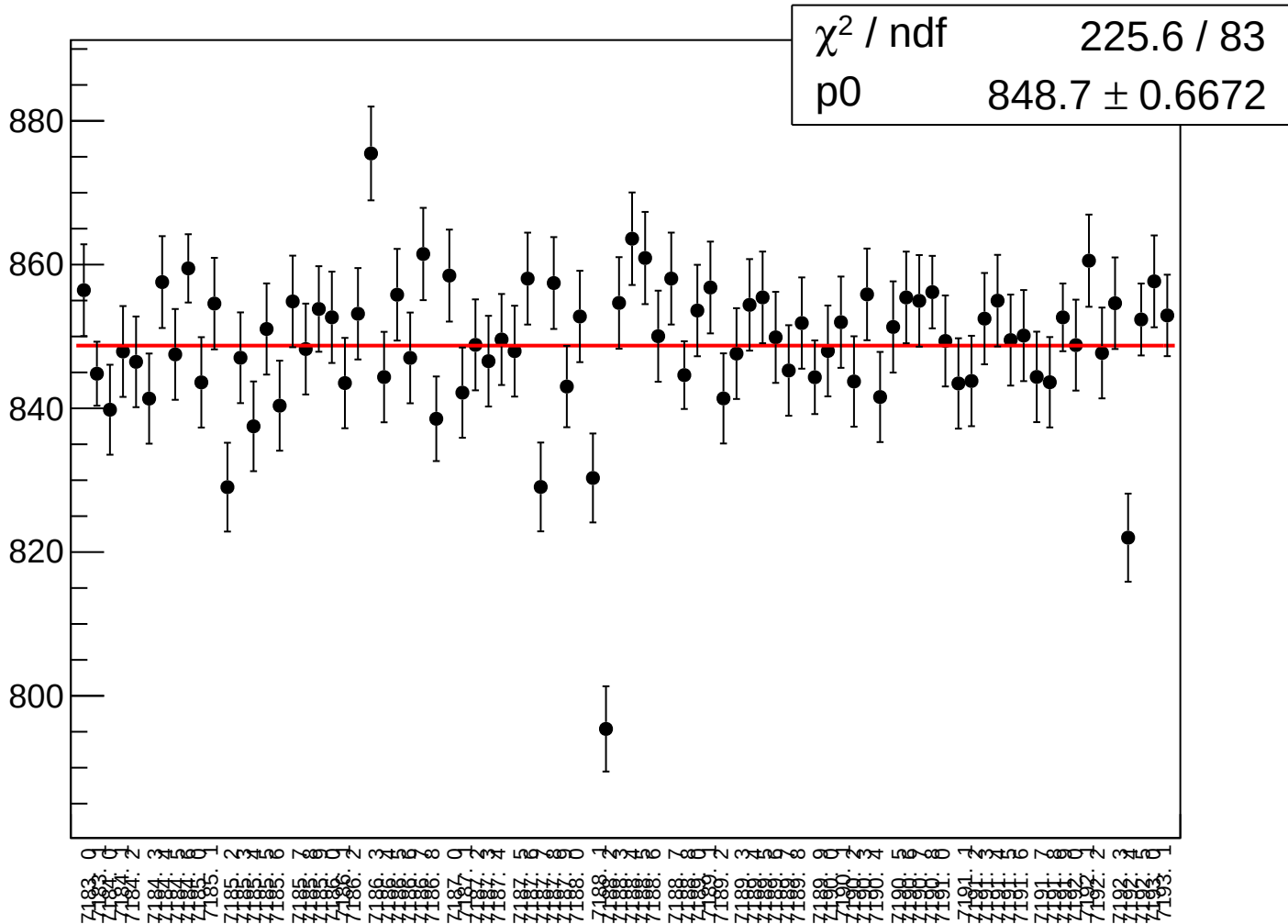
diff_bpm1i02Y_rms vs run



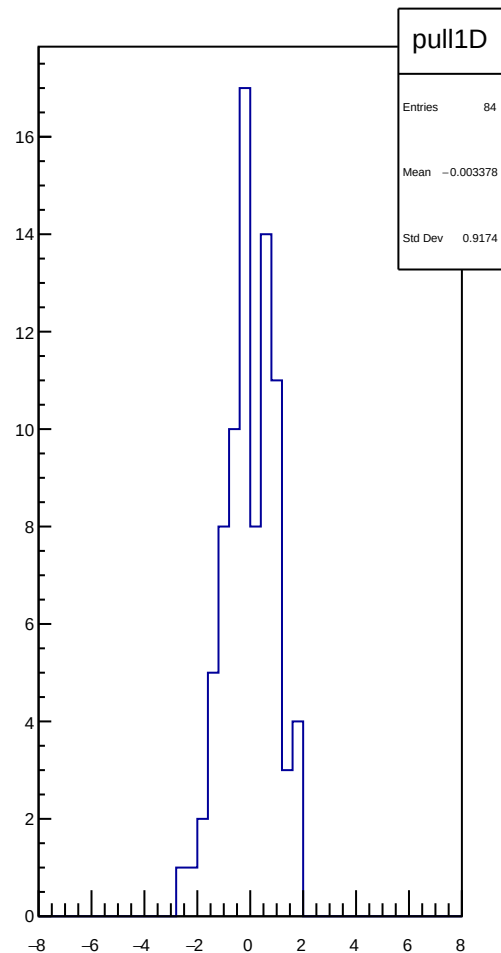
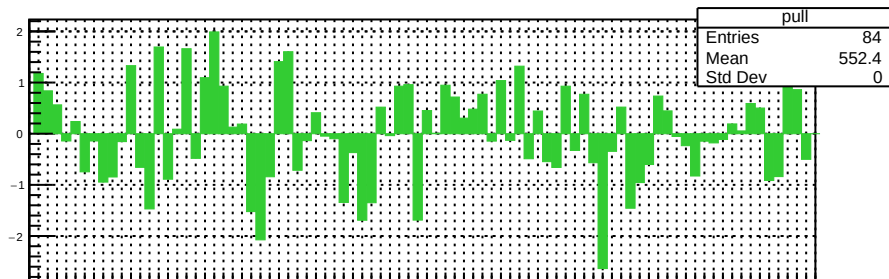
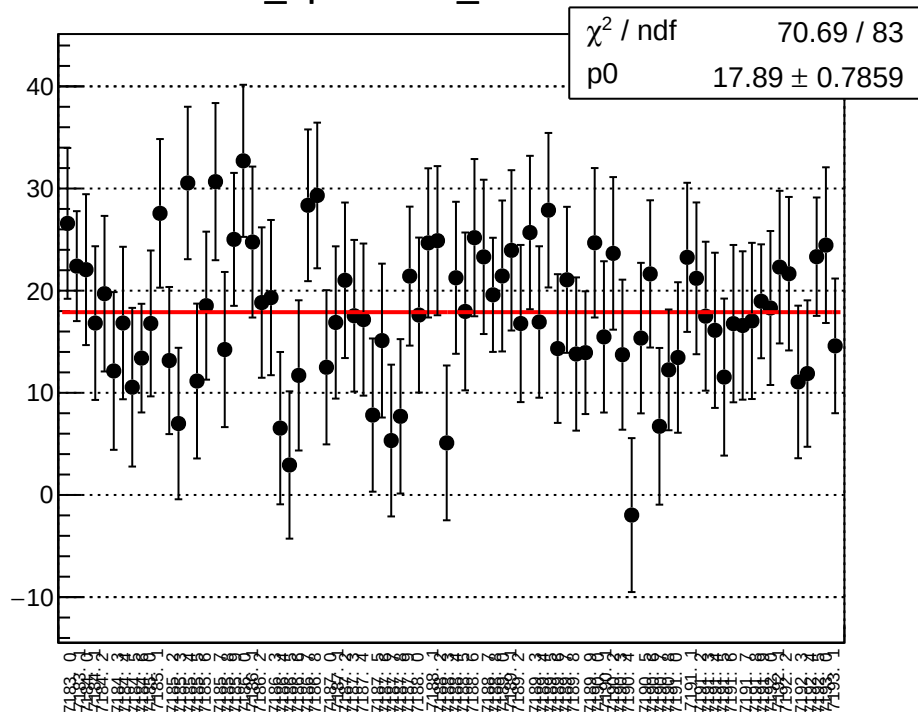
diff_bpm1i04X_mean vs run



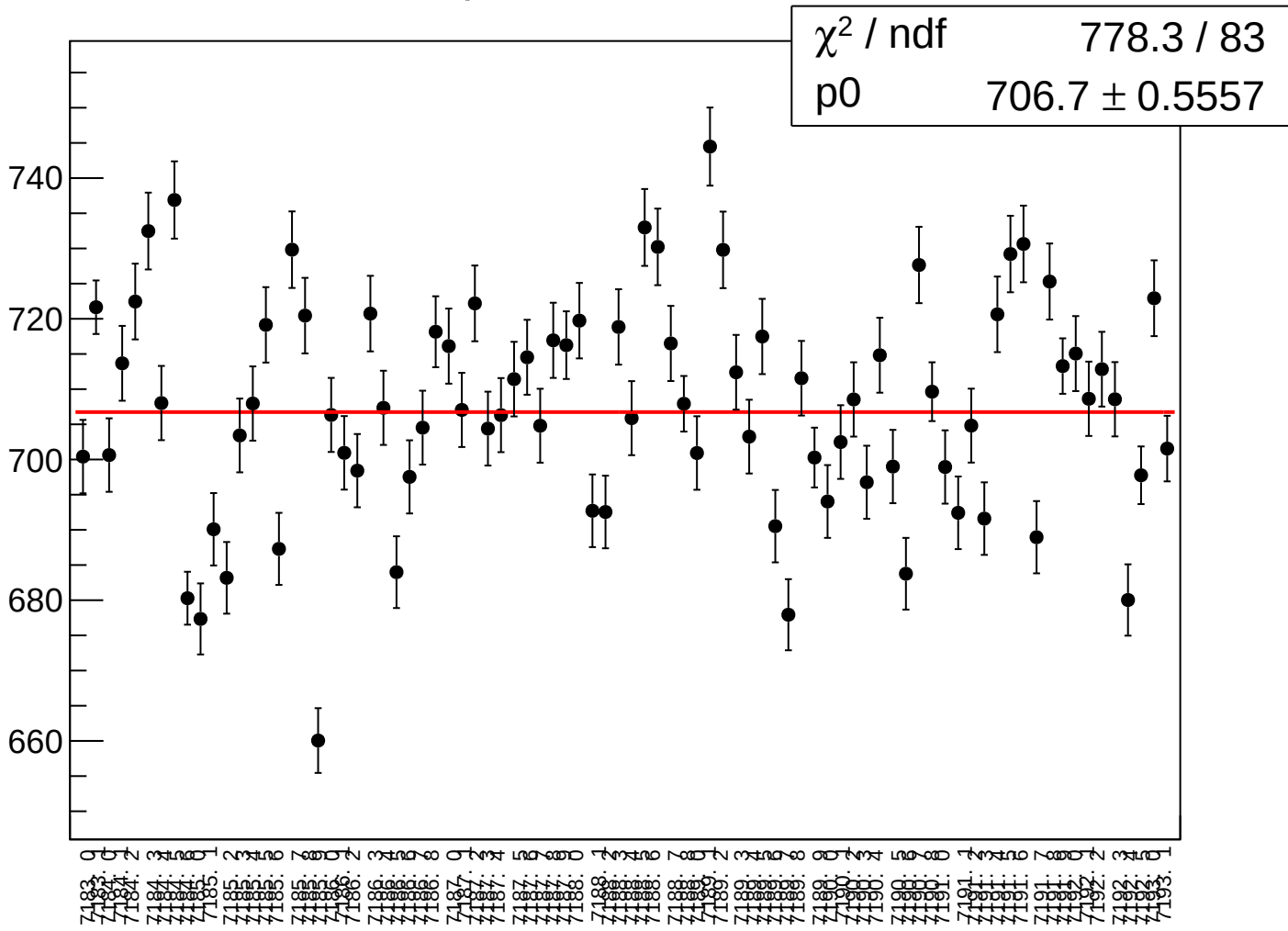
diff_bpm1i04X_rms vs run



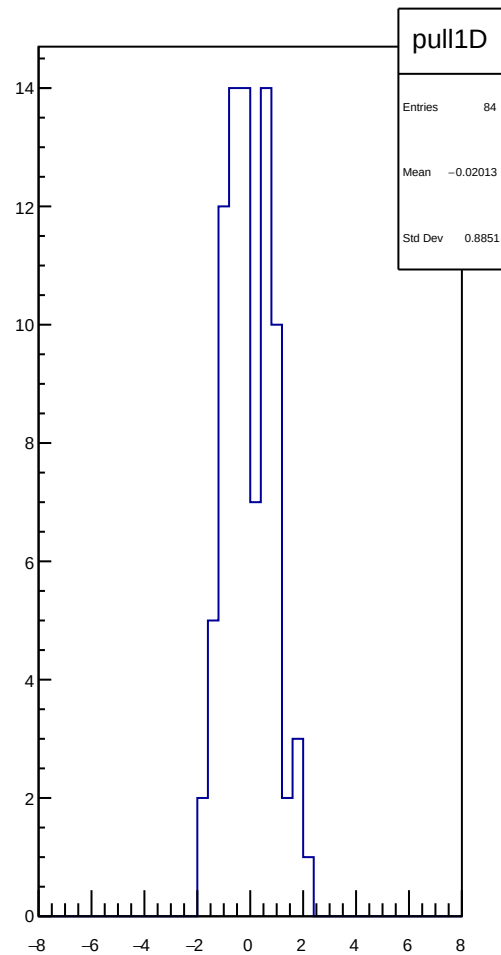
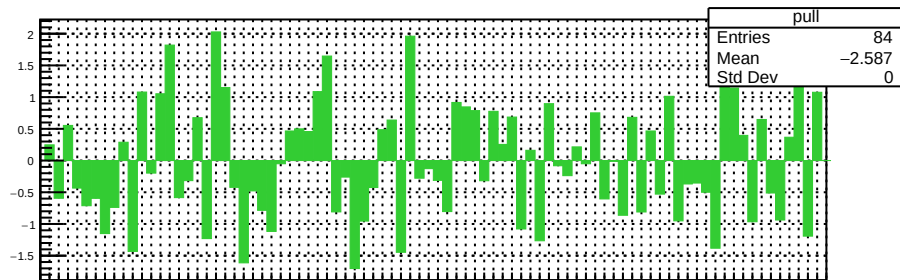
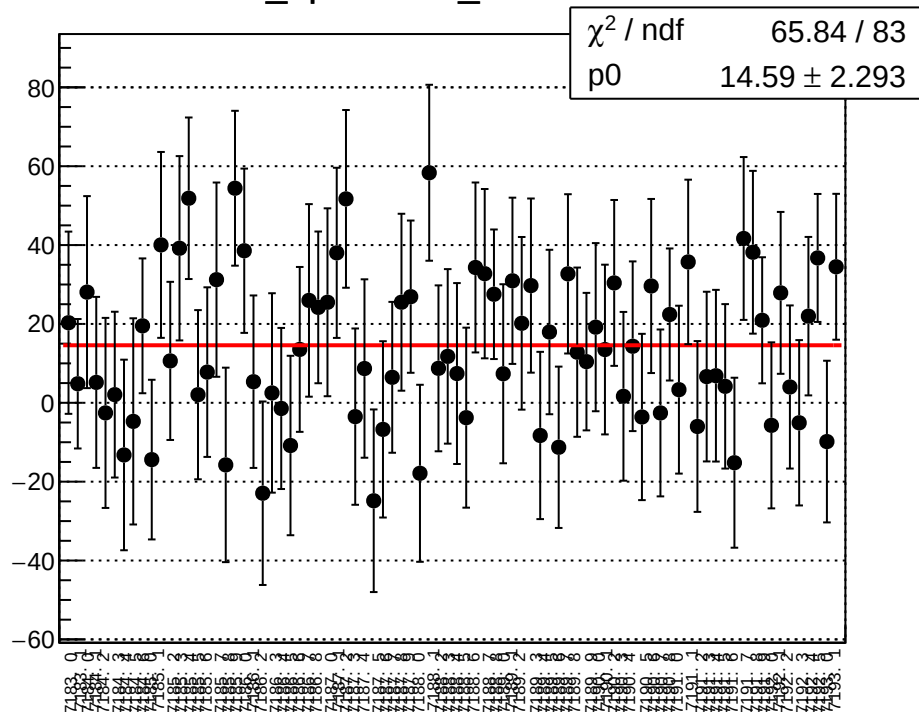
diff_bpm1i04Y_mean vs run



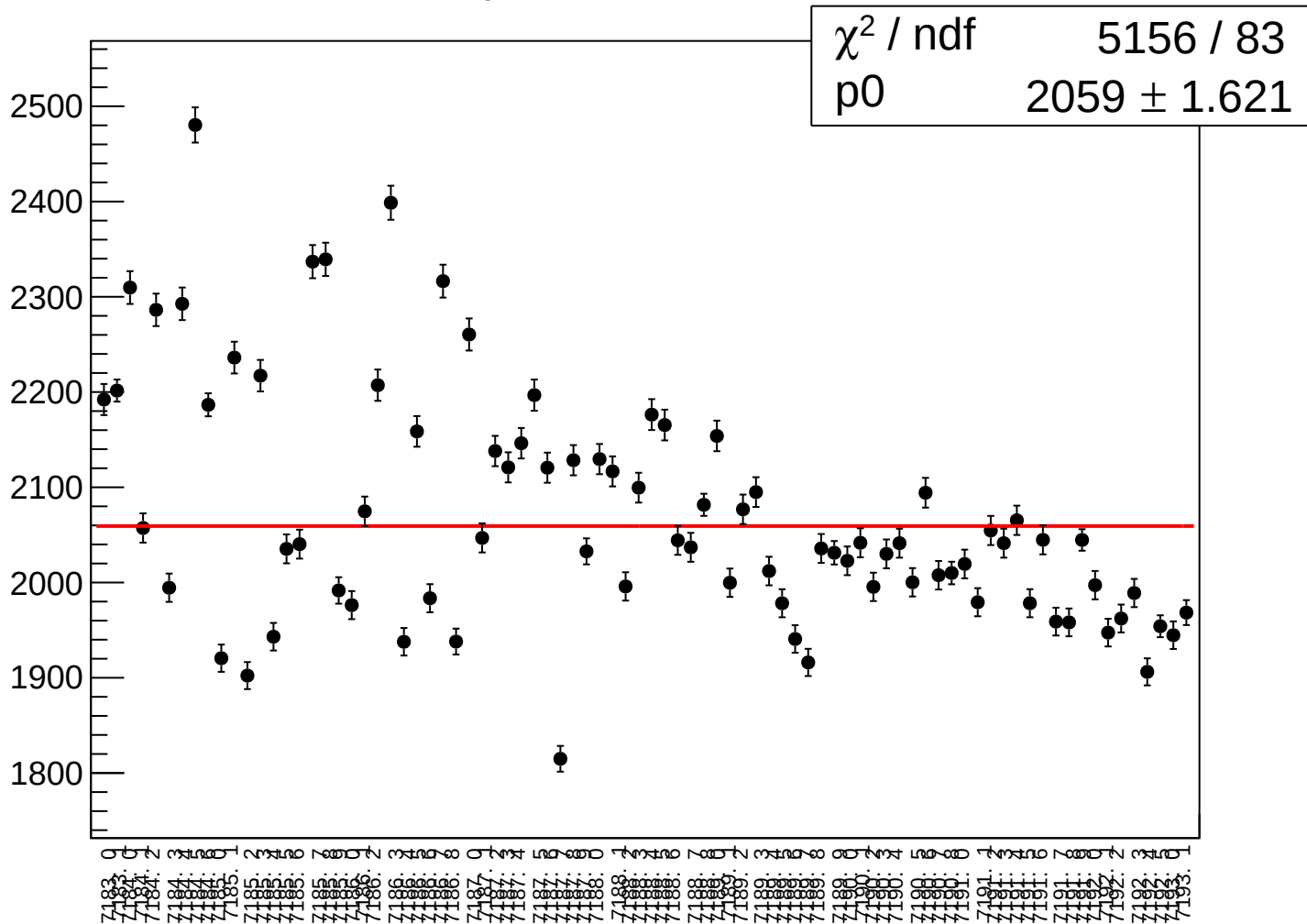
diff_bpm1i04Y_rms vs run



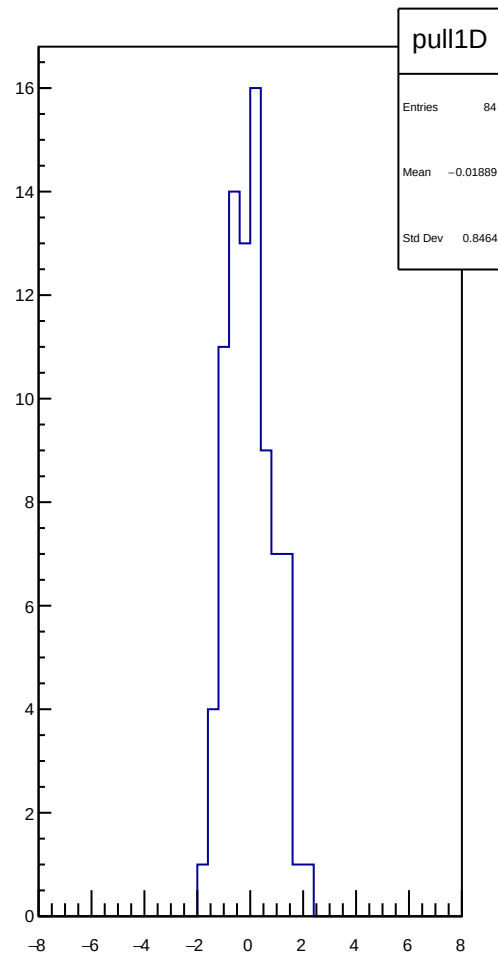
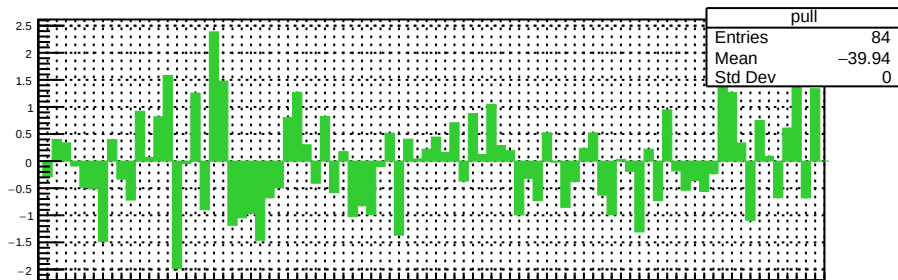
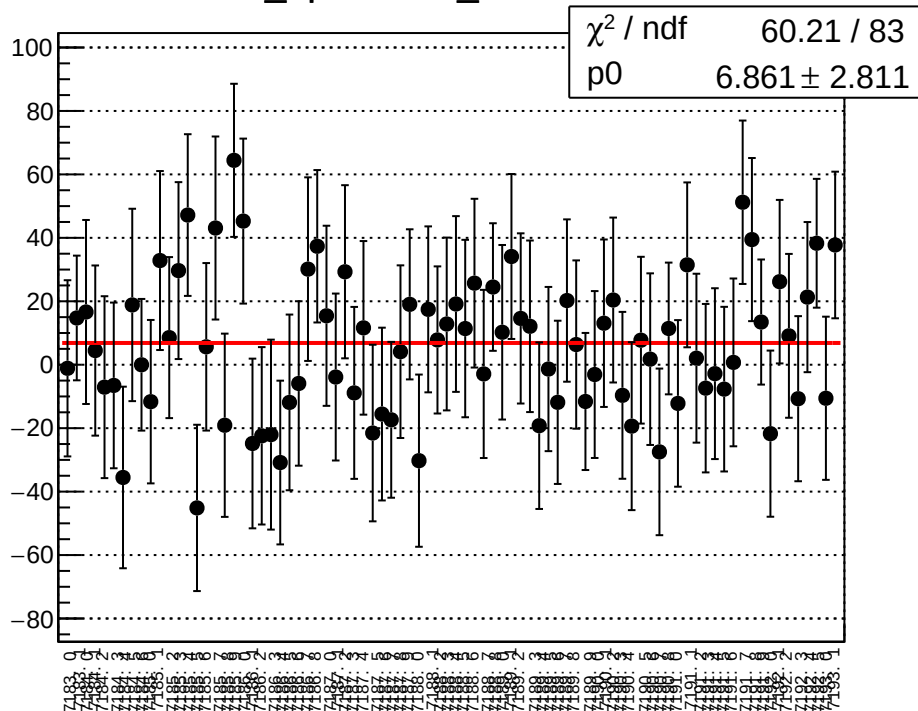
diff_bpm1i06X_mean vs run



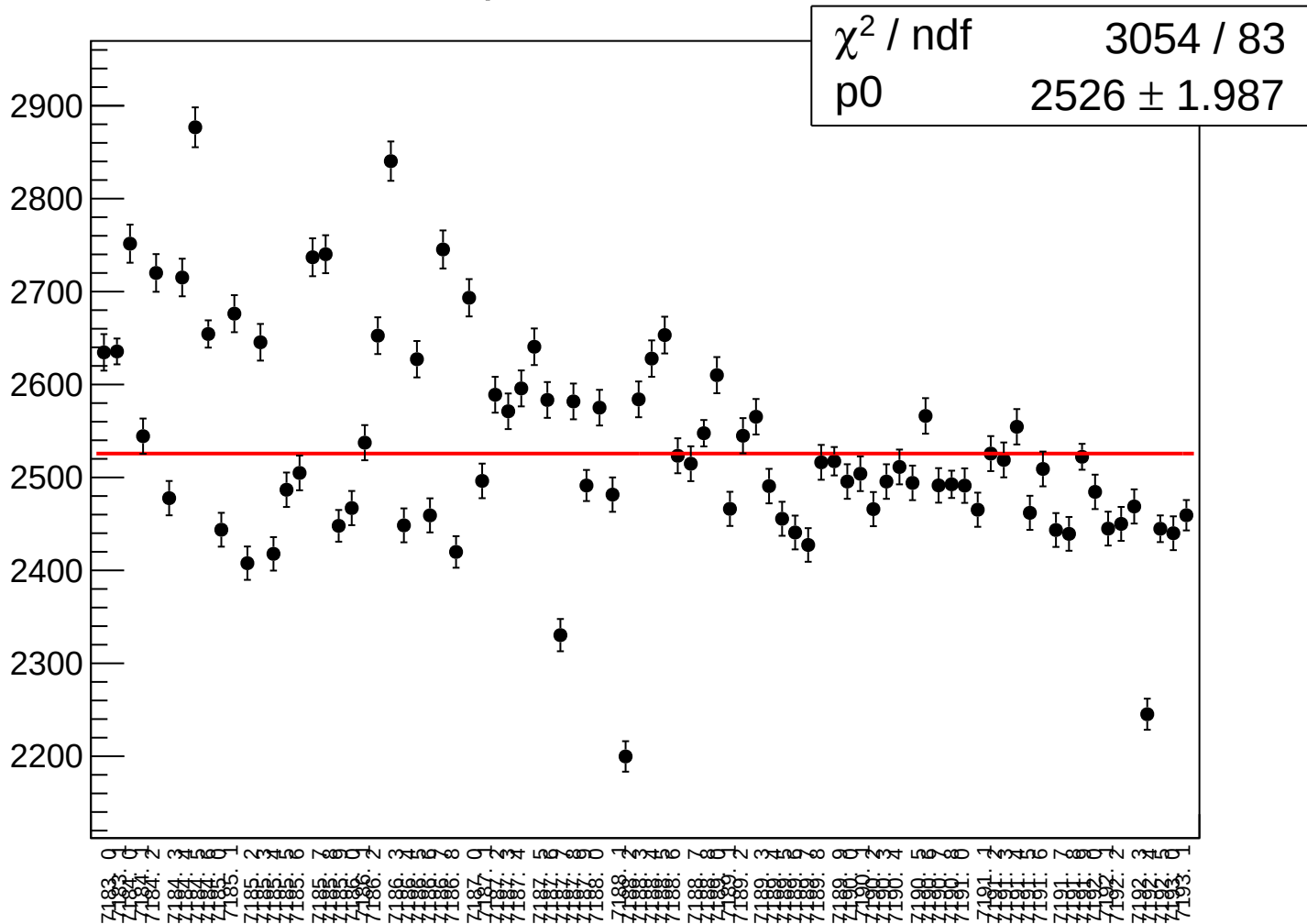
diff_bpm1i06X_rms vs run



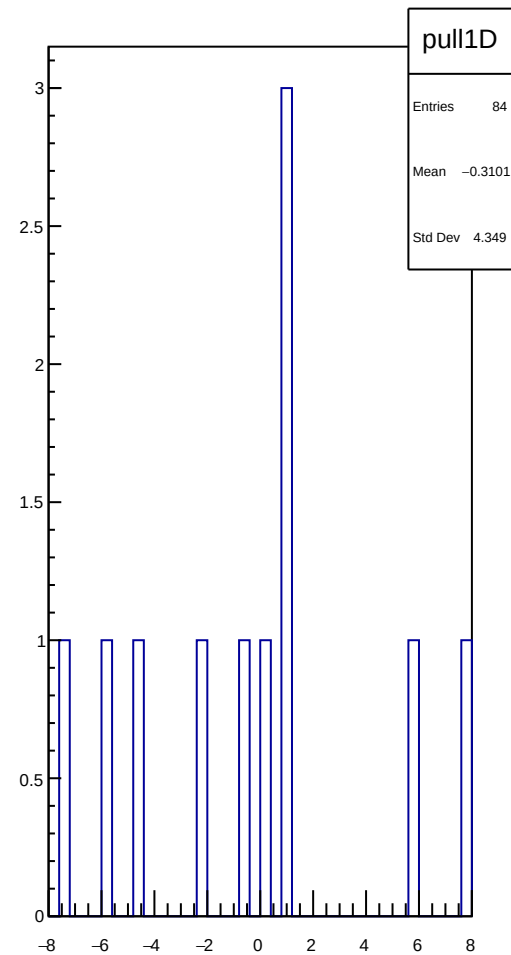
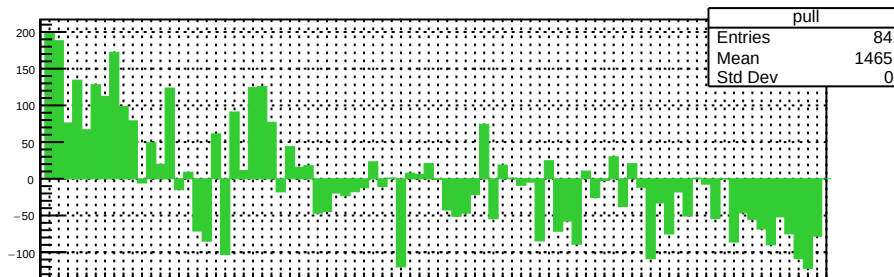
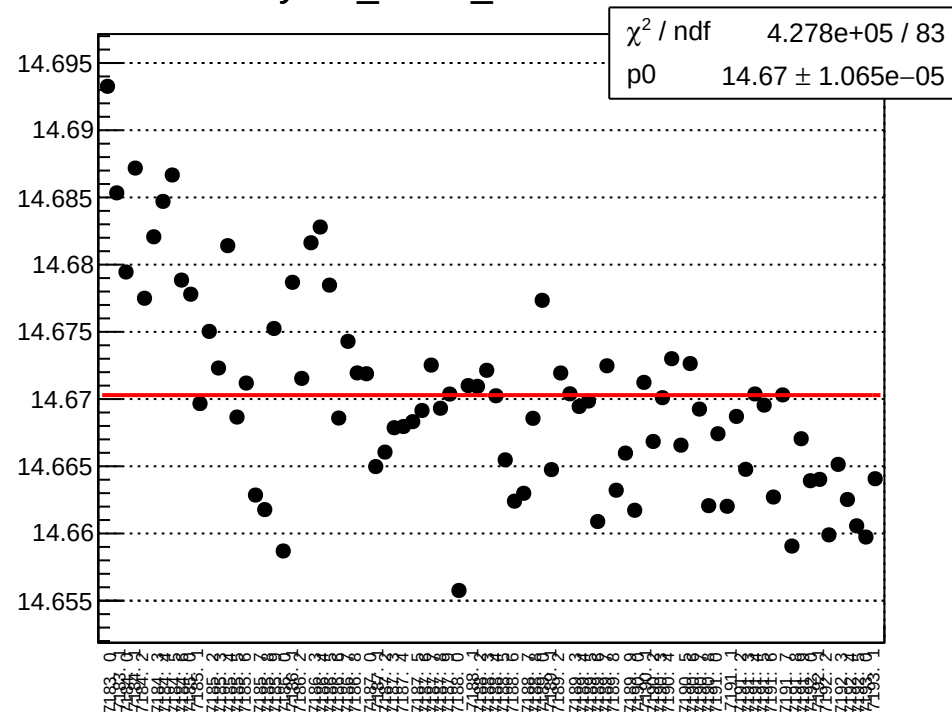
diff_bpm1i06Y_mean vs run



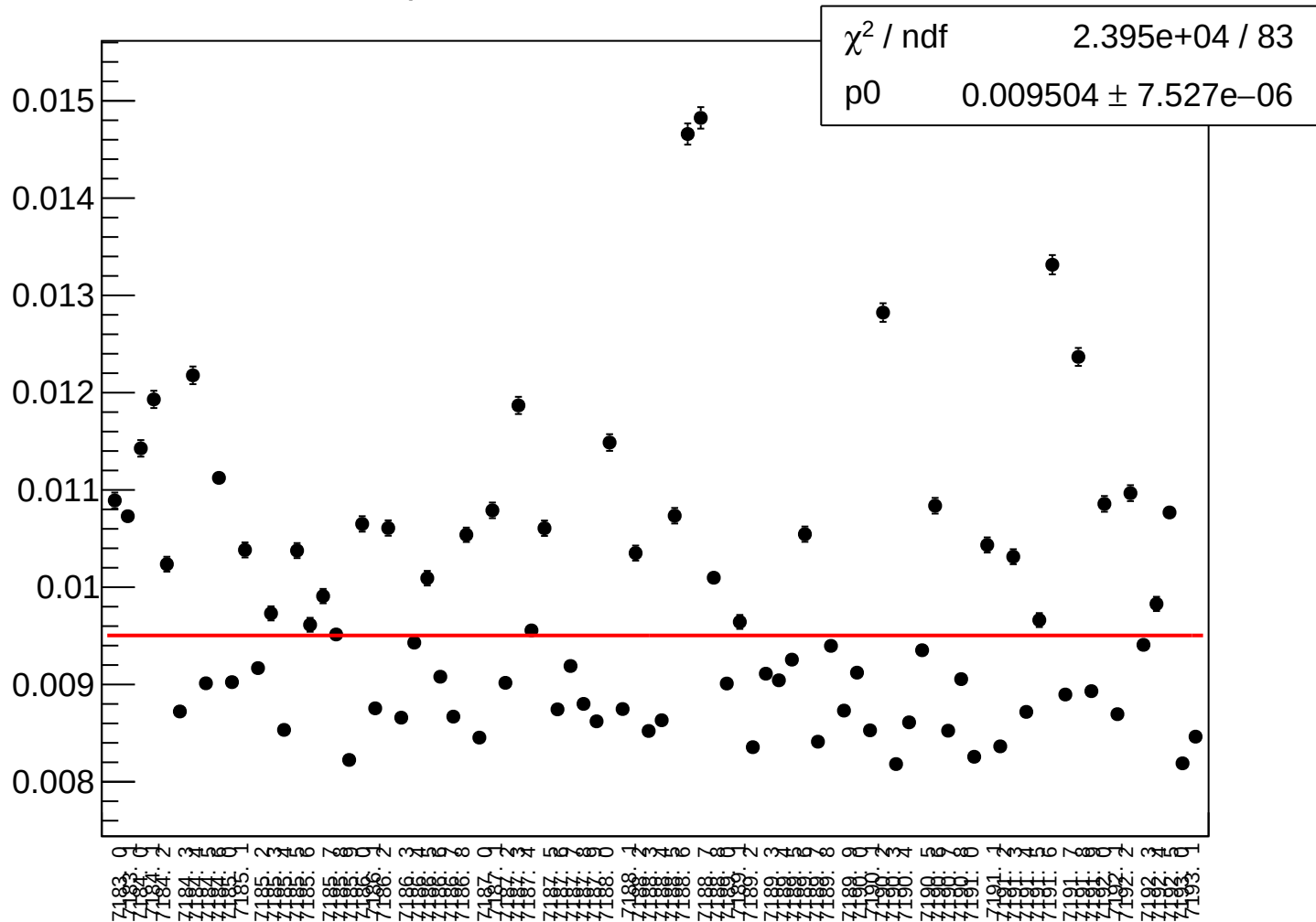
diff_bpm1i06Y_rms vs run



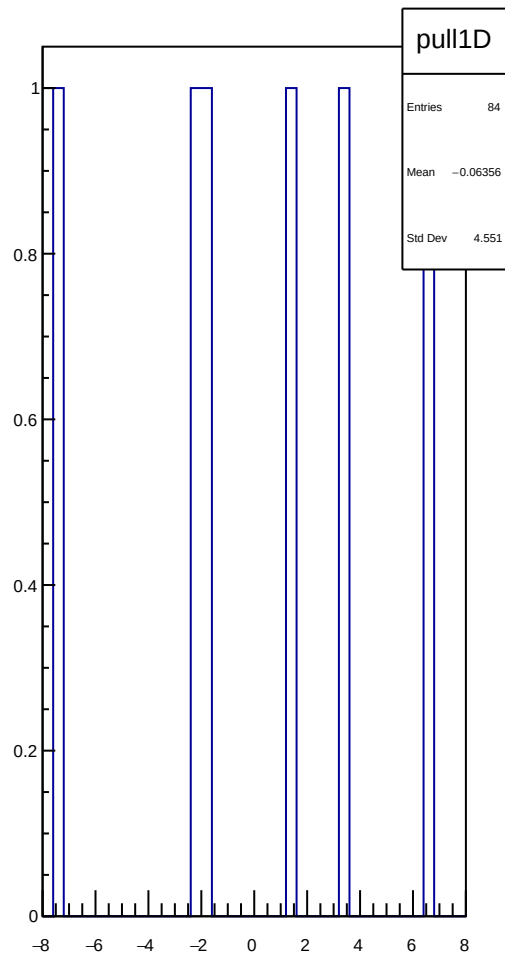
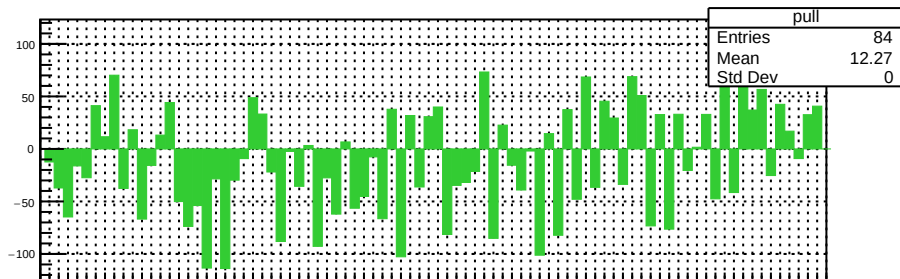
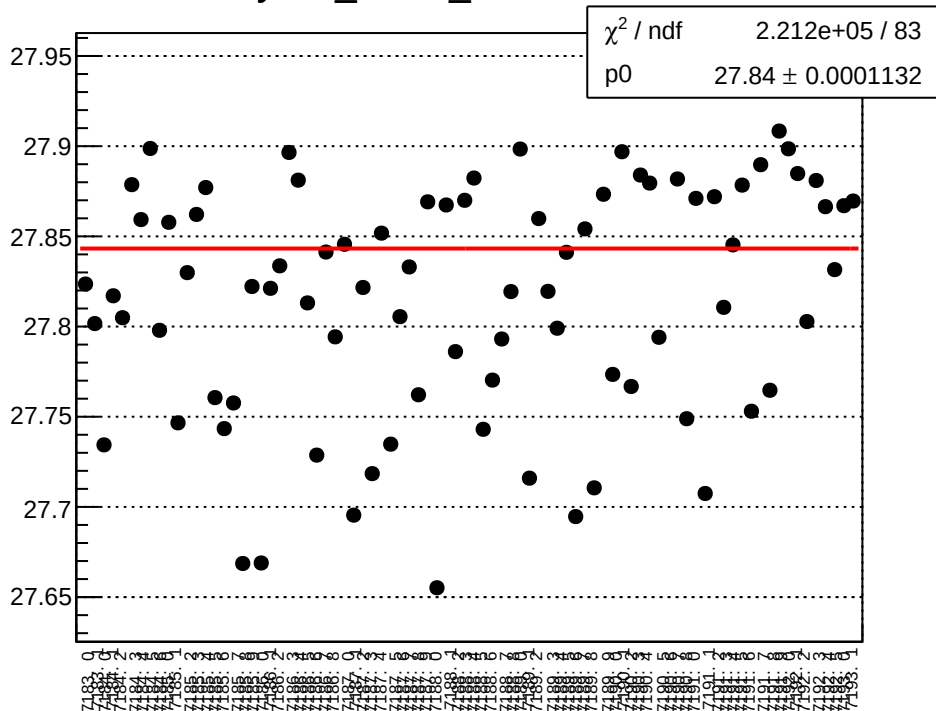
yield_sam1_mean vs run



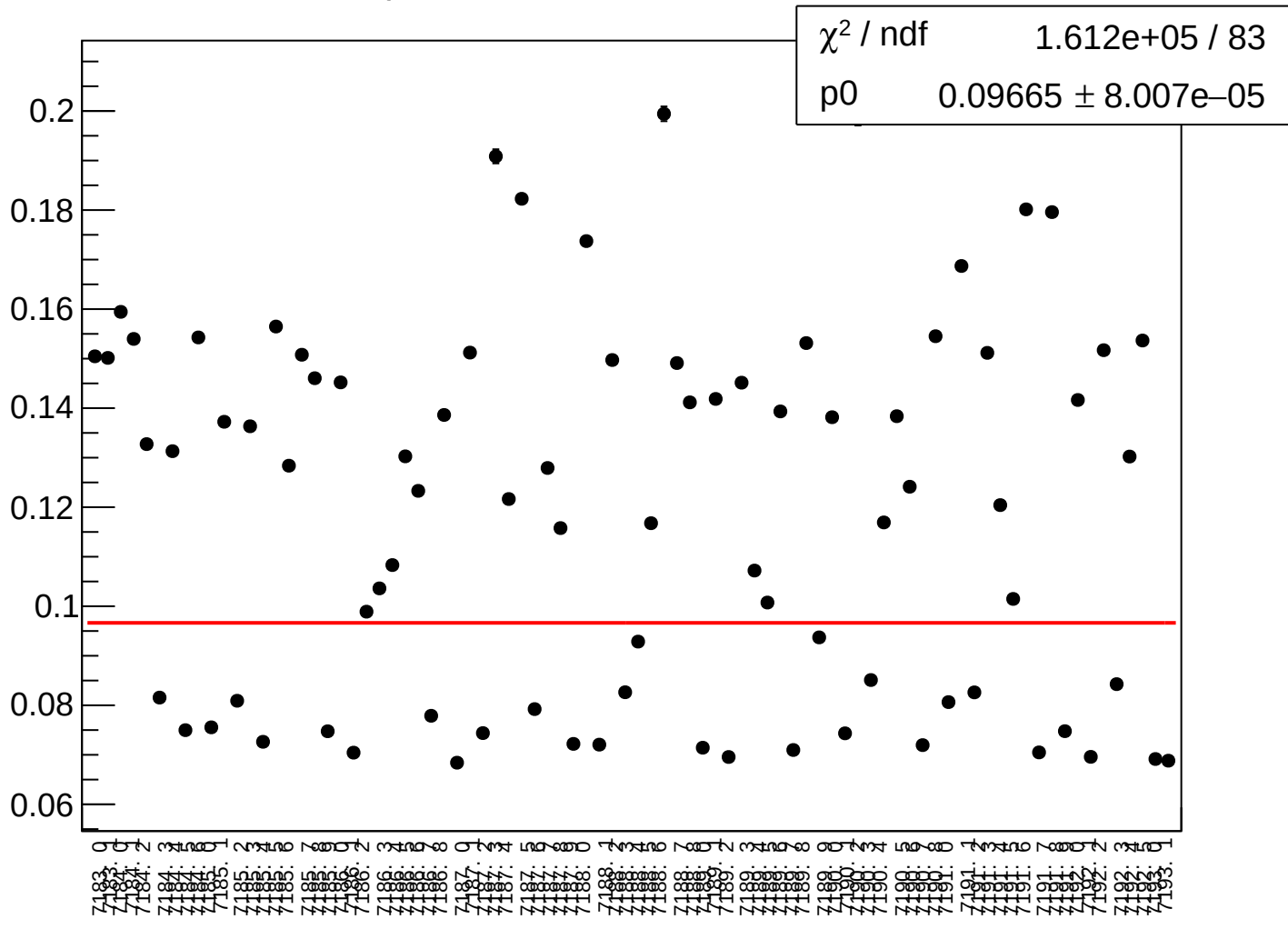
yield_sam1_rms vs run



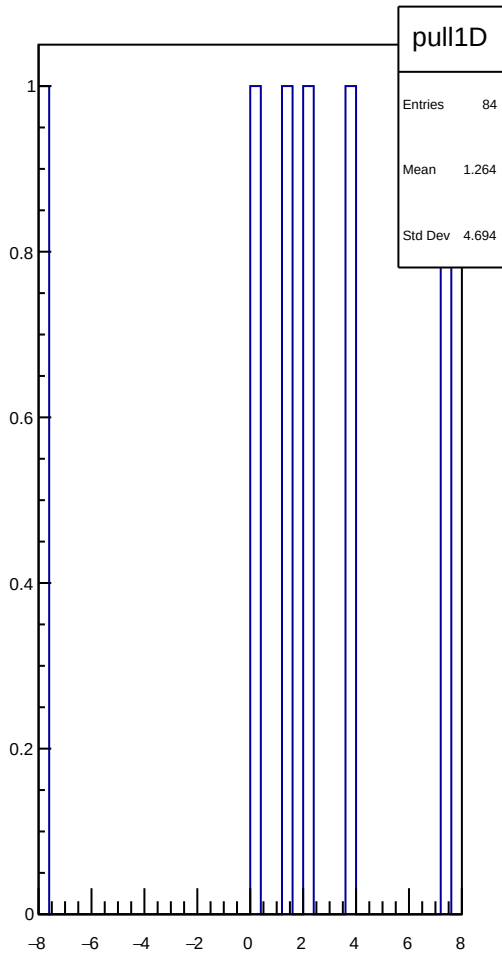
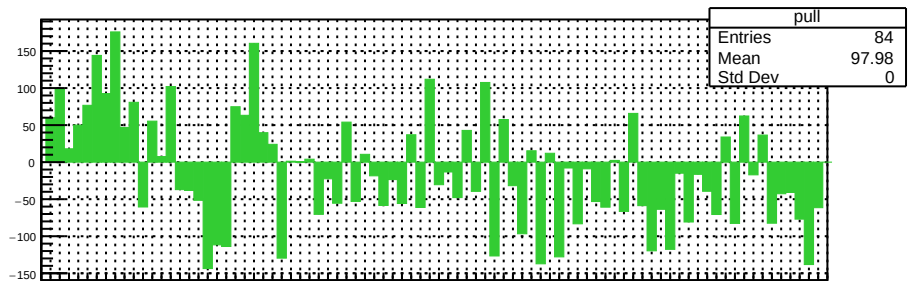
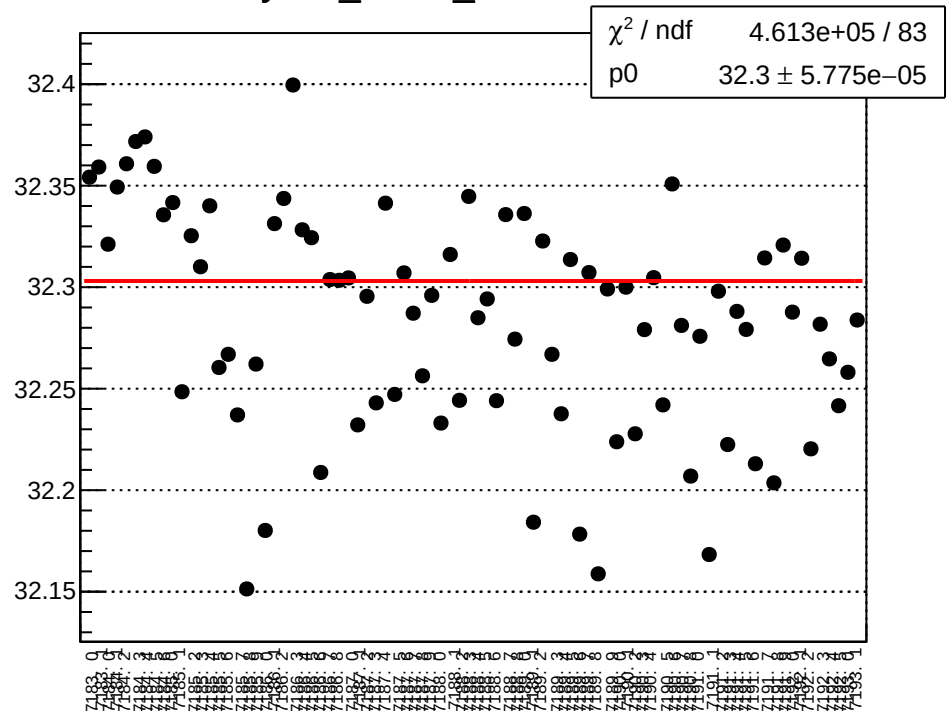
yield_sam2_mean vs run



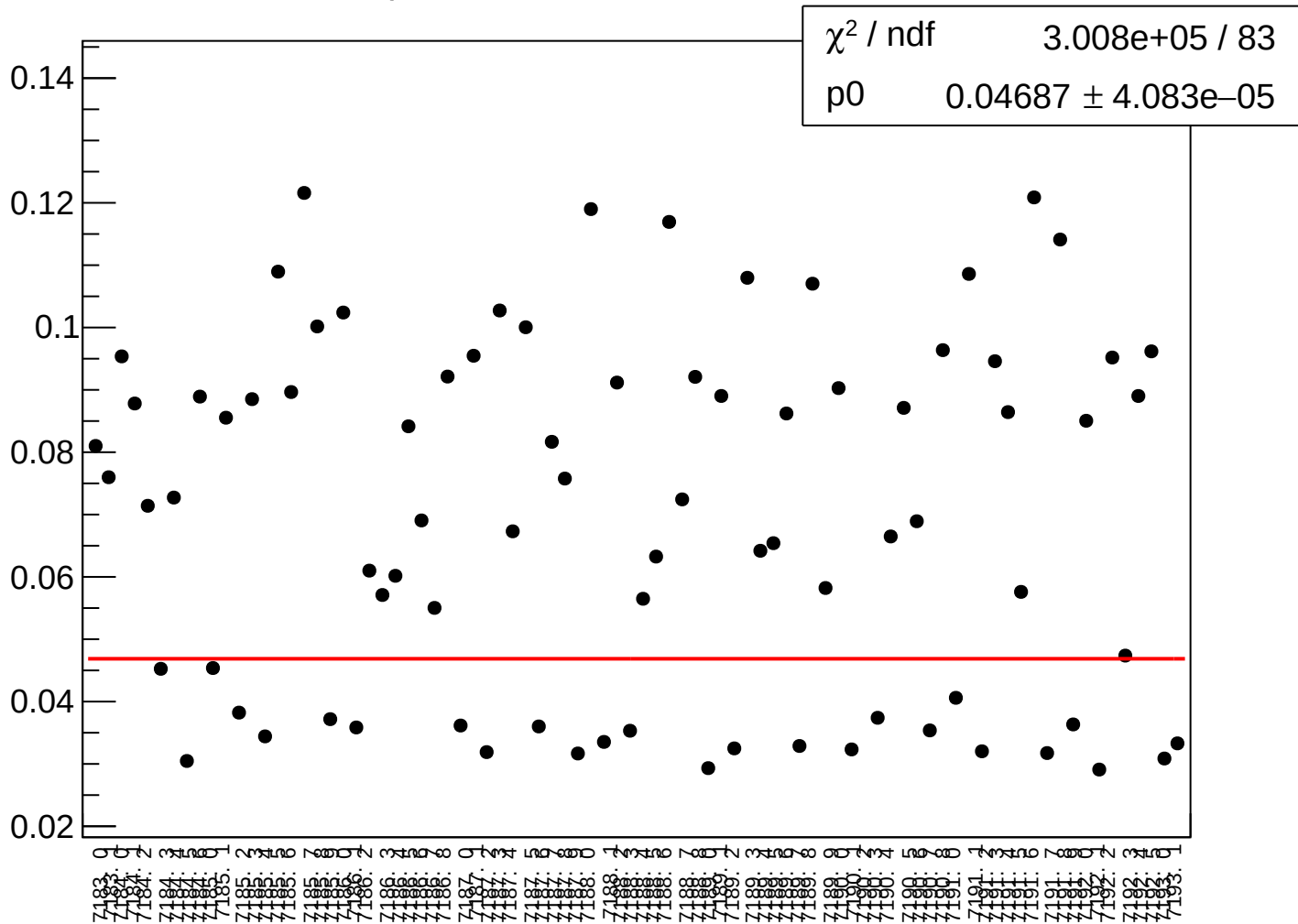
yield_sam2_rms vs run



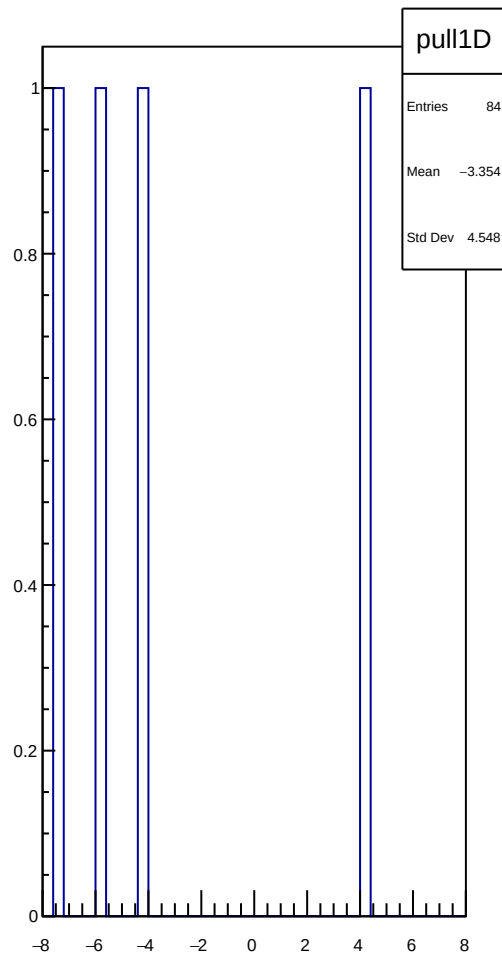
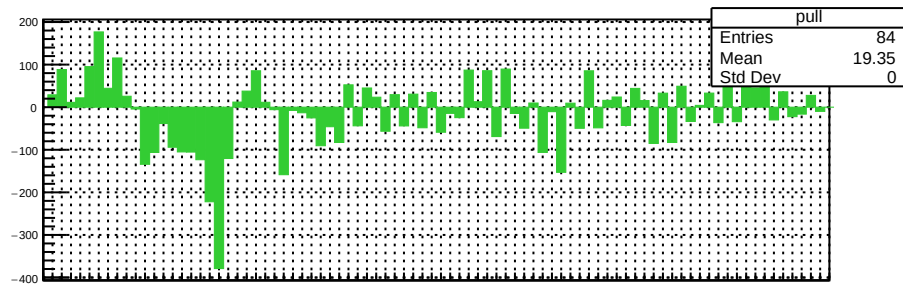
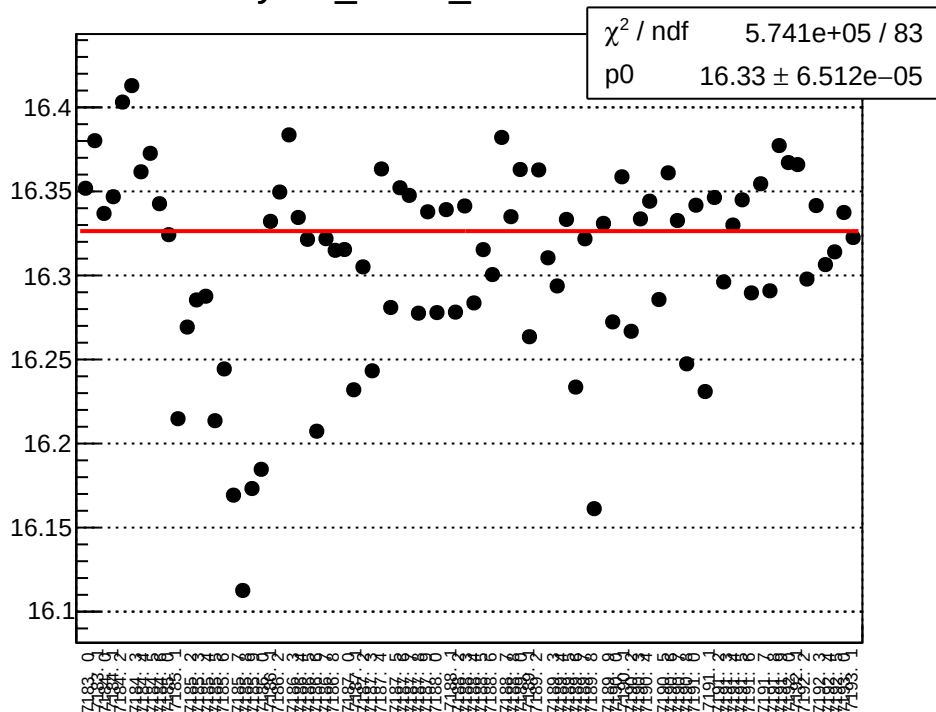
yield_sam3_mean vs run



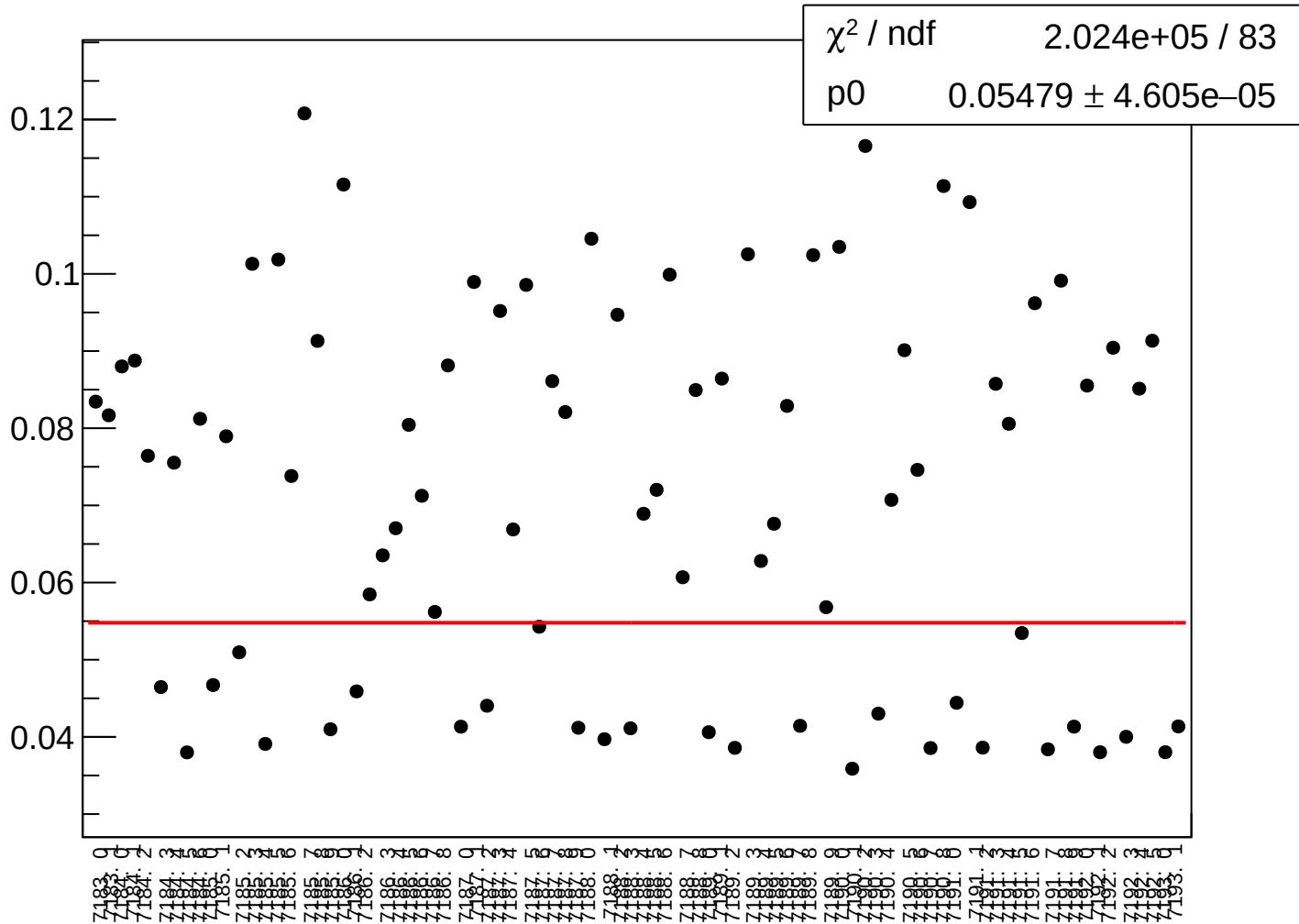
yield_sam3_rms vs run



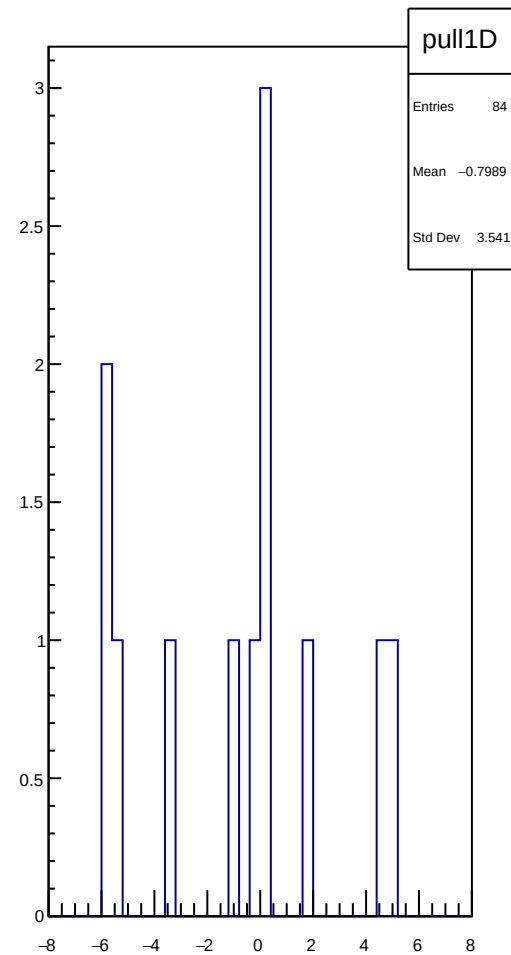
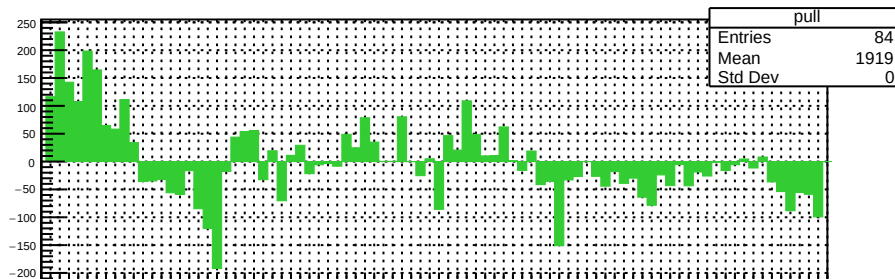
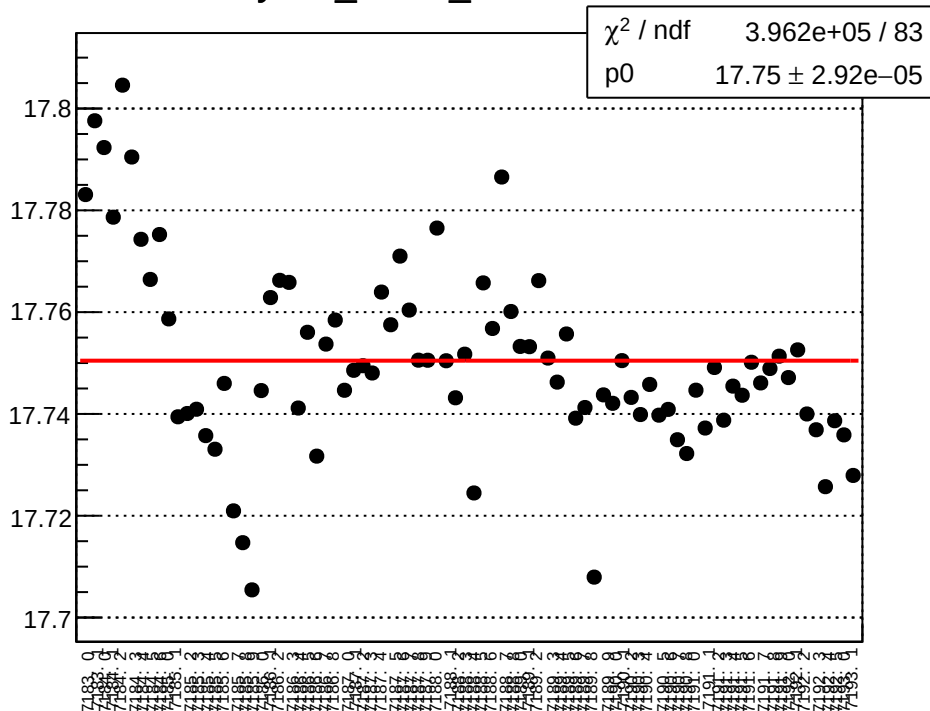
yield_sam4_mean vs run



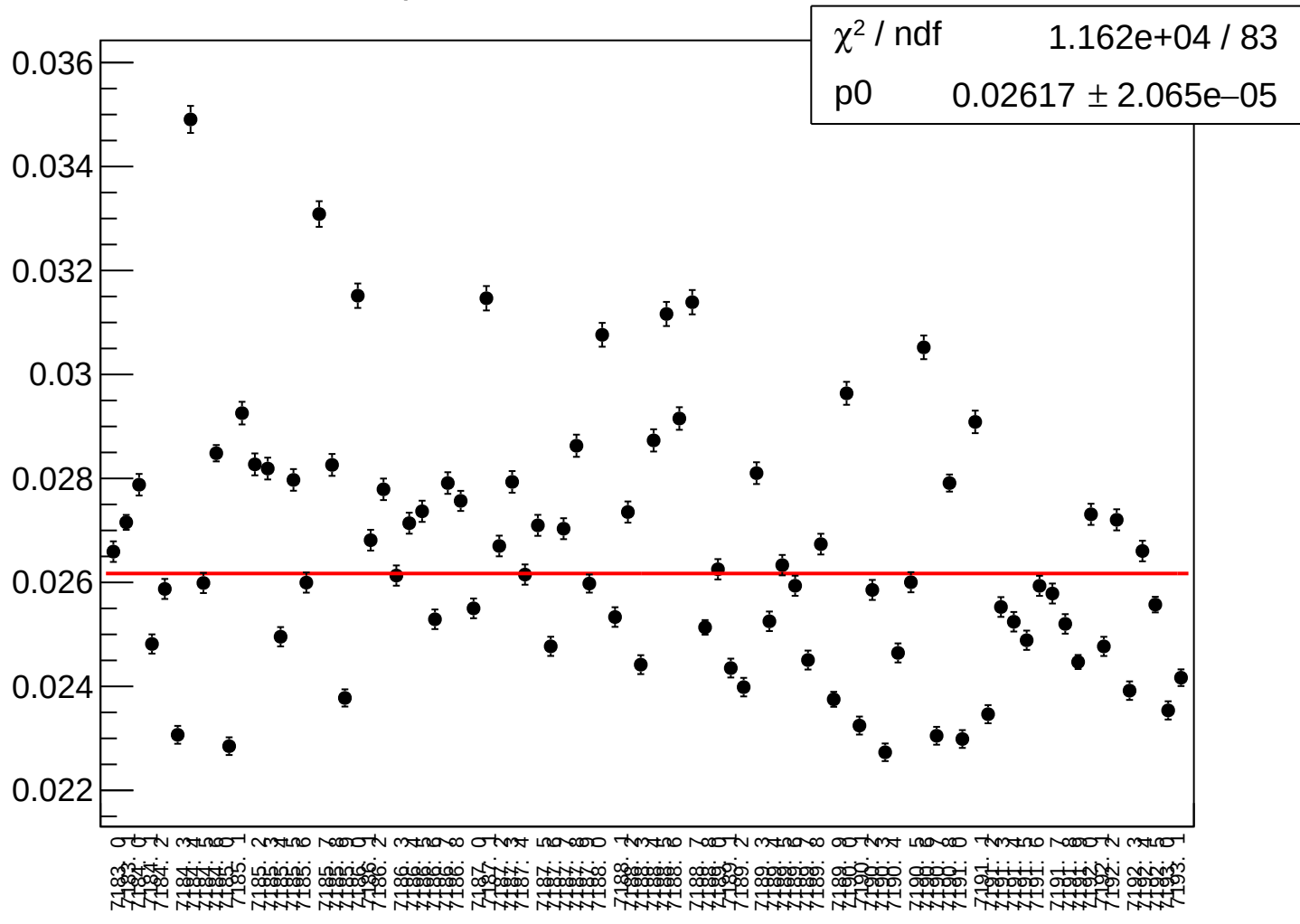
yield_sam4_rms vs run



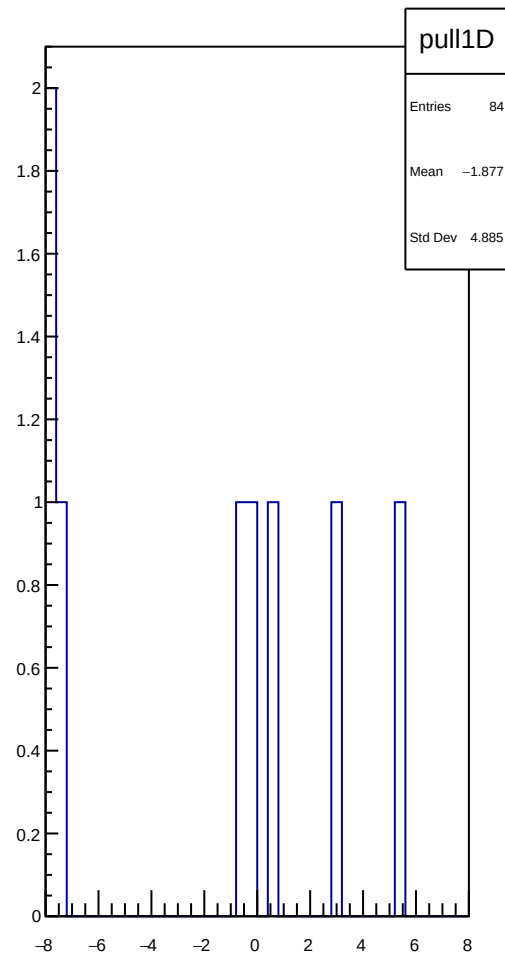
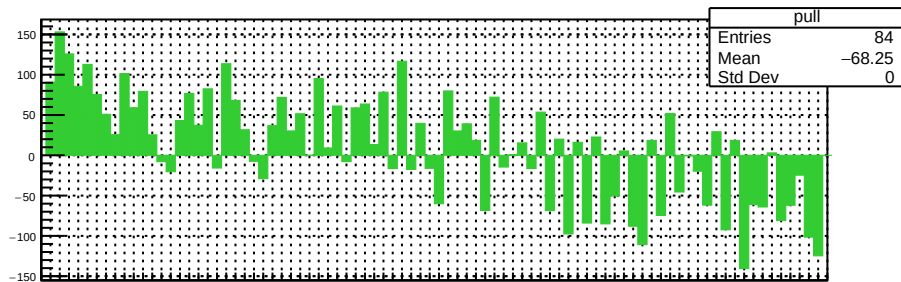
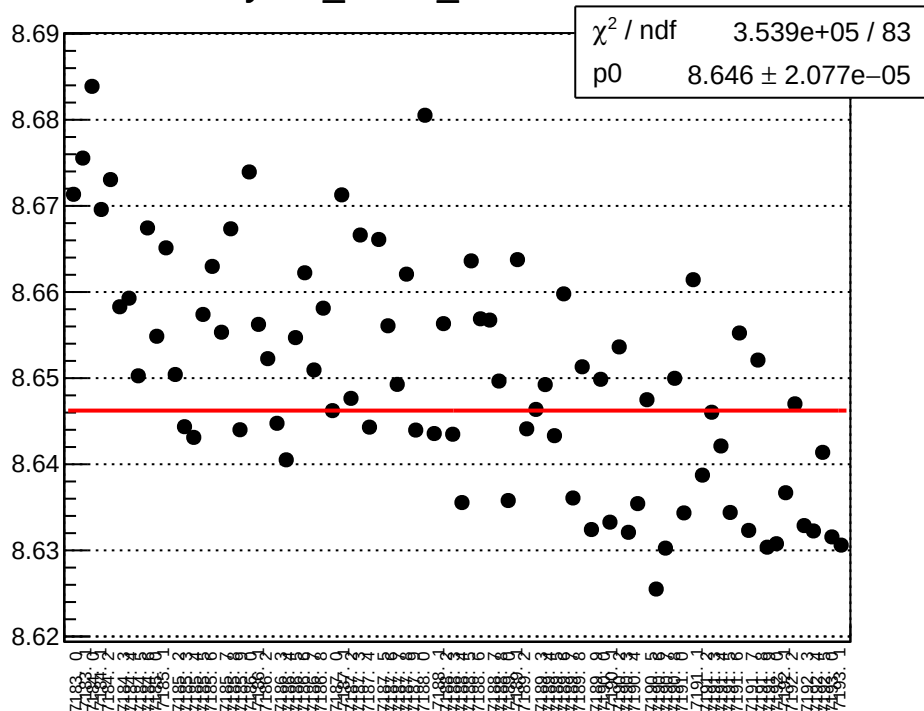
yield_sam5_mean vs run



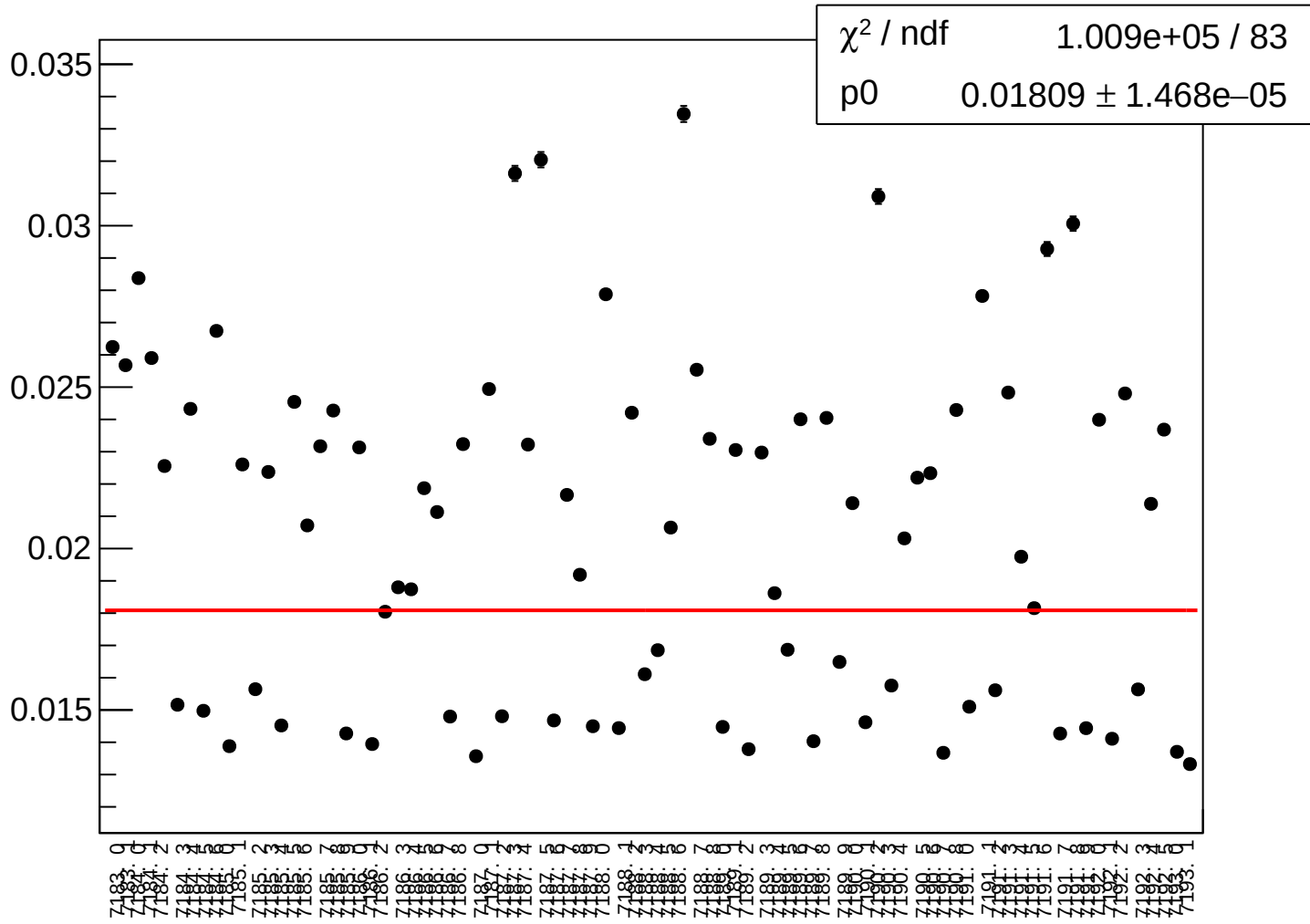
yield_sam5_rms vs run



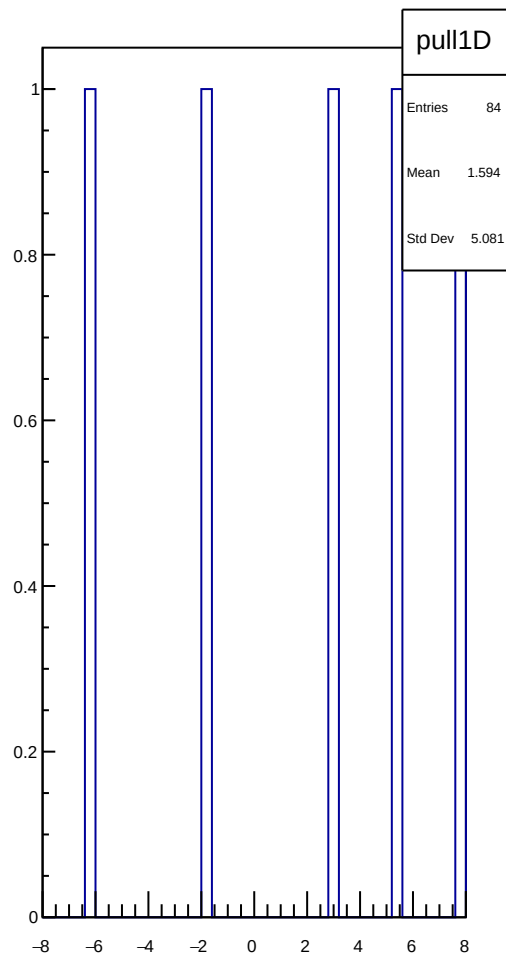
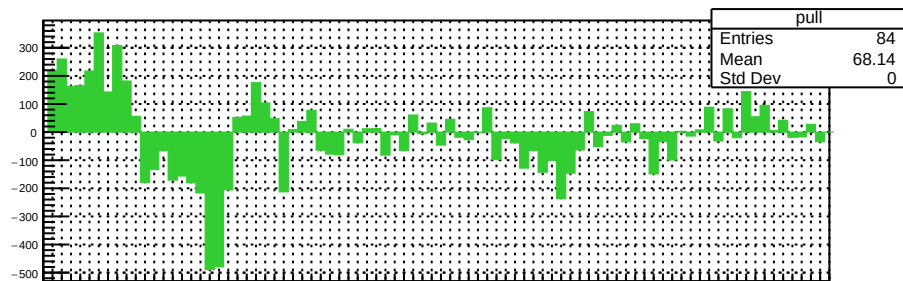
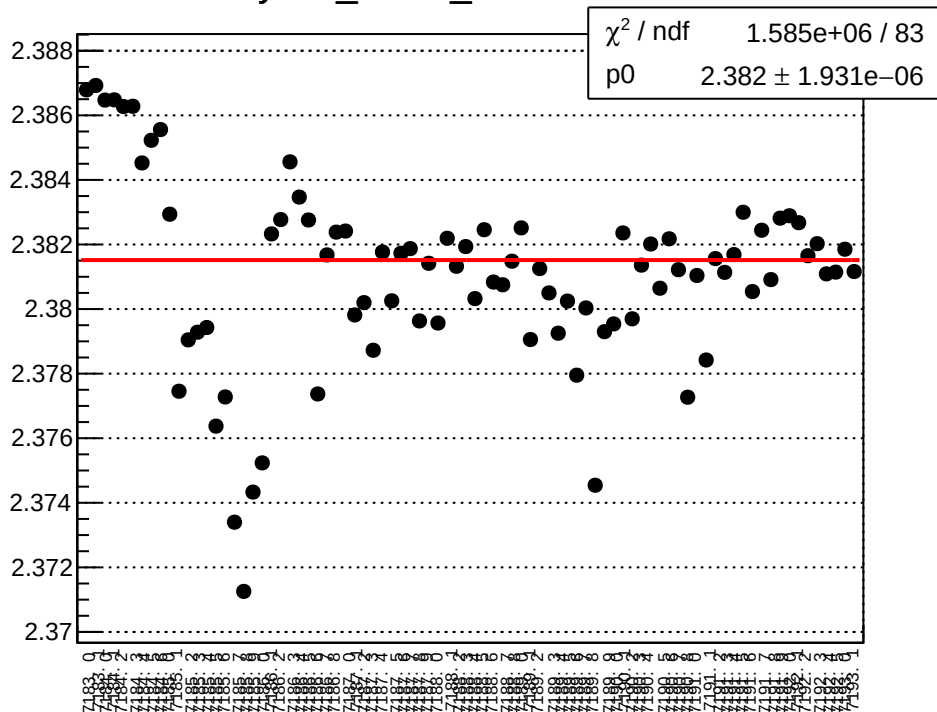
yield_sam6_mean vs run



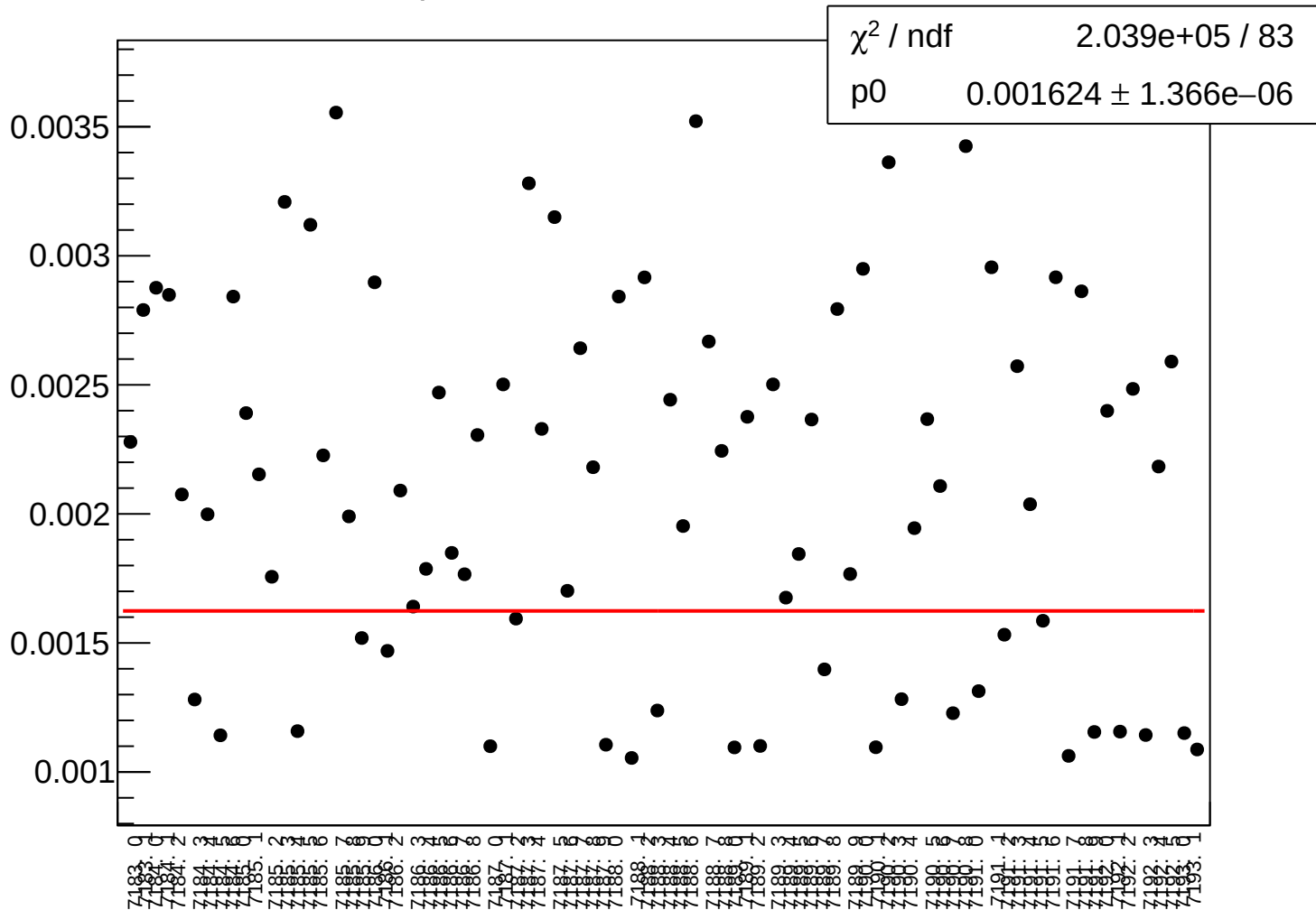
yield_sam6_rms vs run



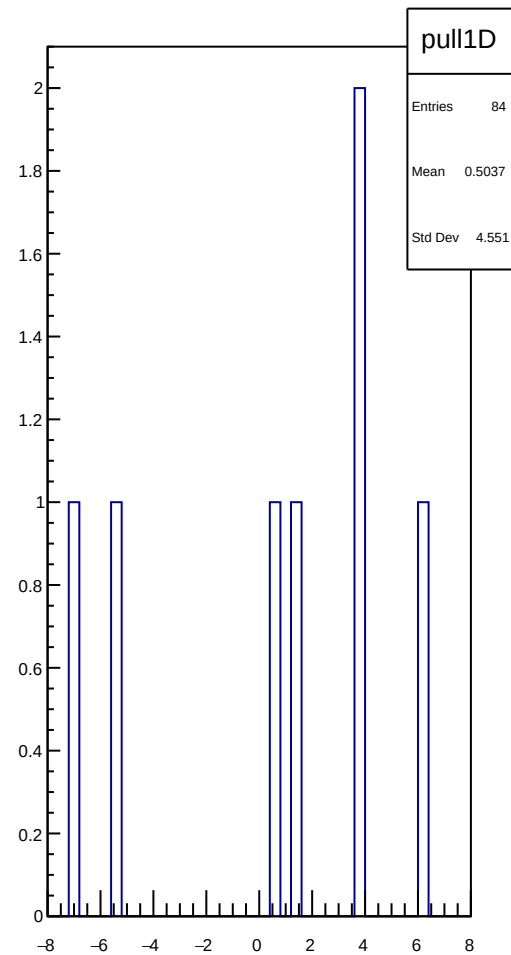
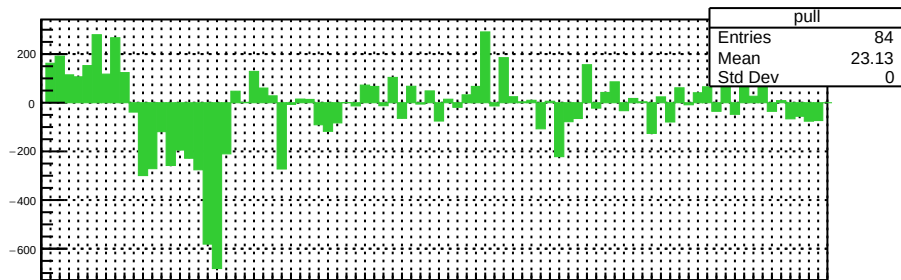
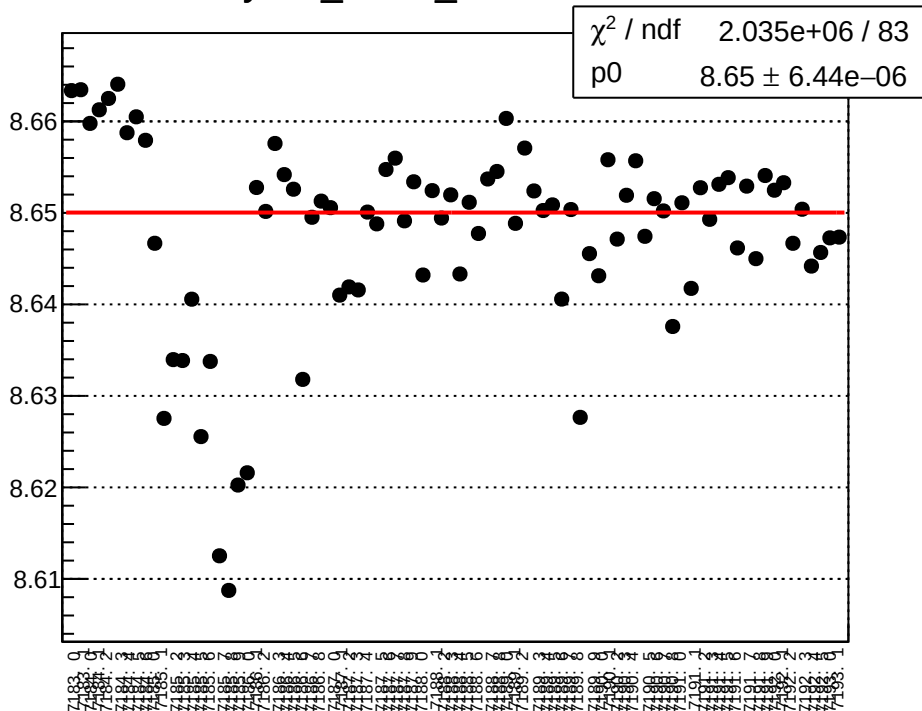
yield_sam7_mean vs run



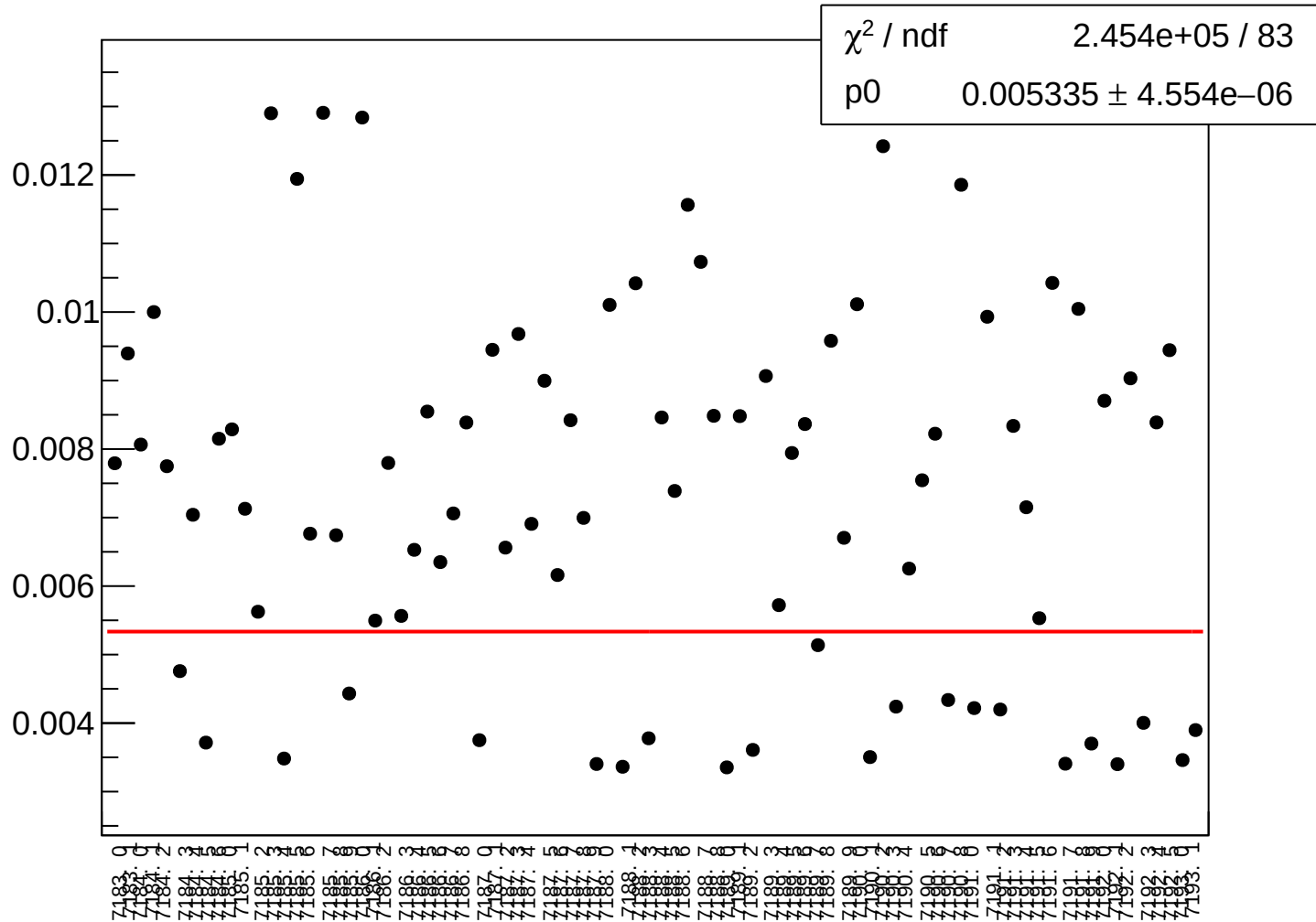
yield_sam7_rms vs run



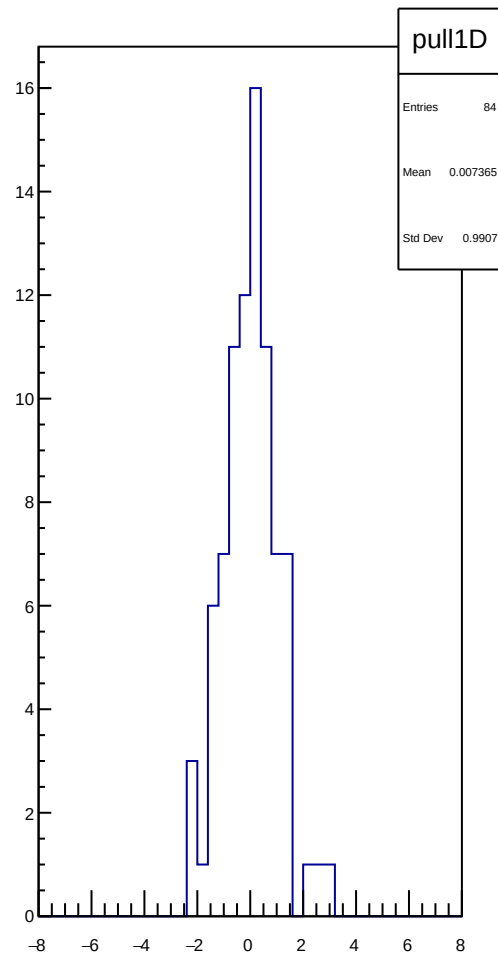
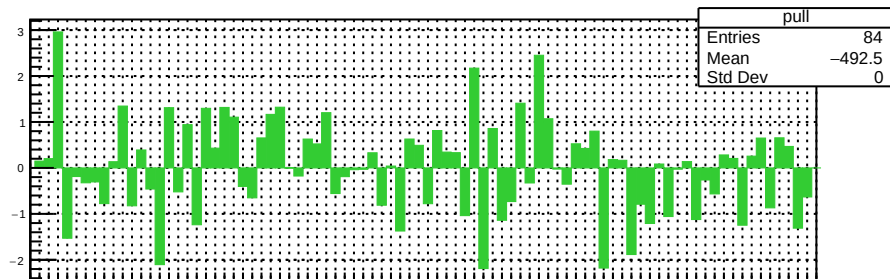
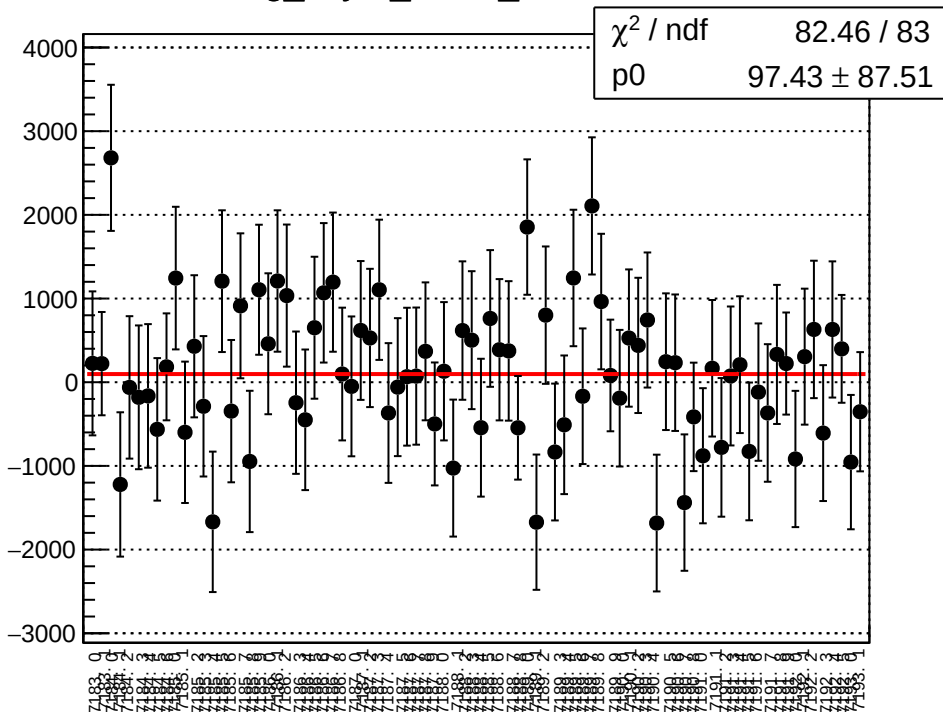
yield_sam8_mean vs run



yield_sam8_rms vs run



reg_asym_sam1_mean vs run



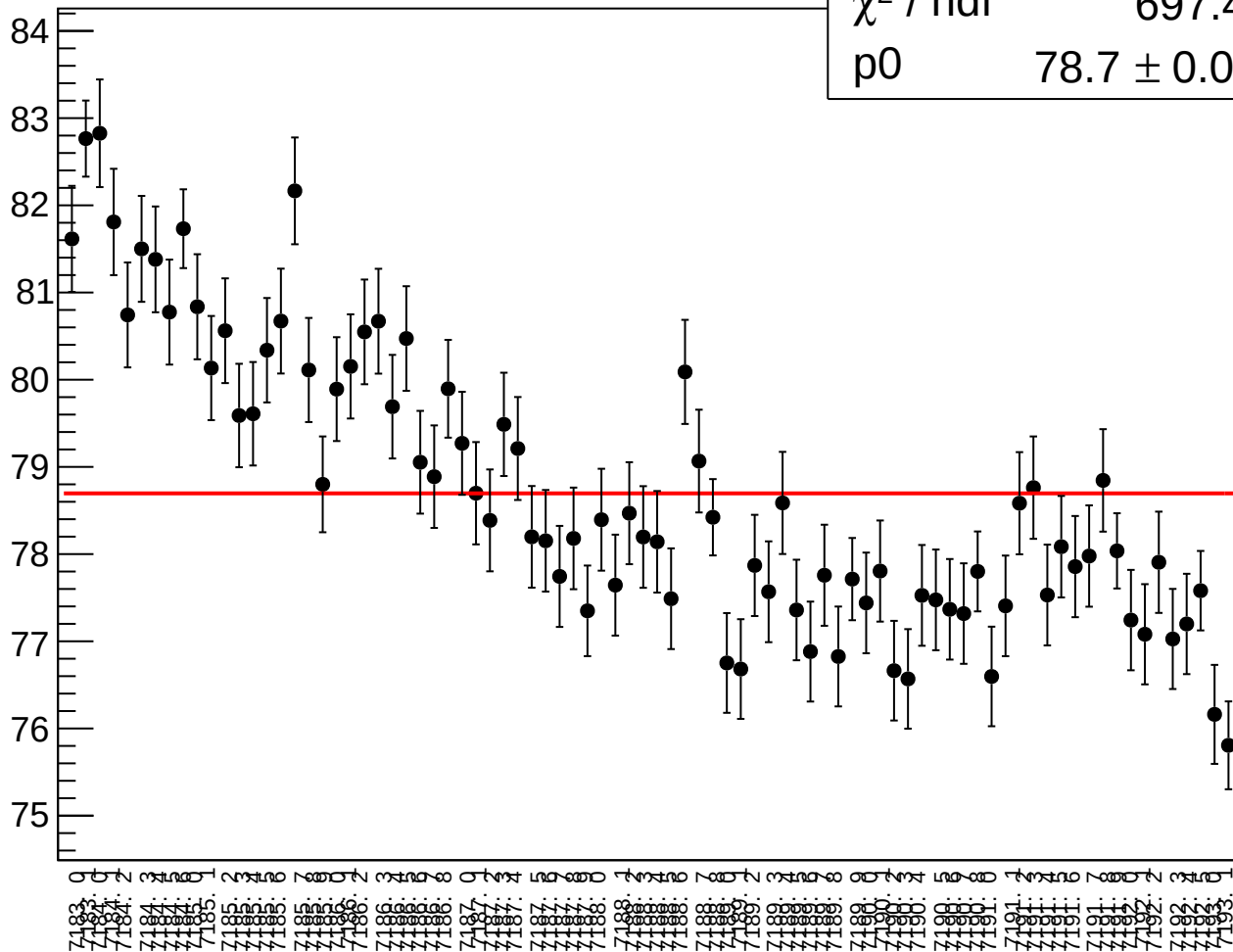
reg_asym_sam1_rms vs run

χ^2 / ndf

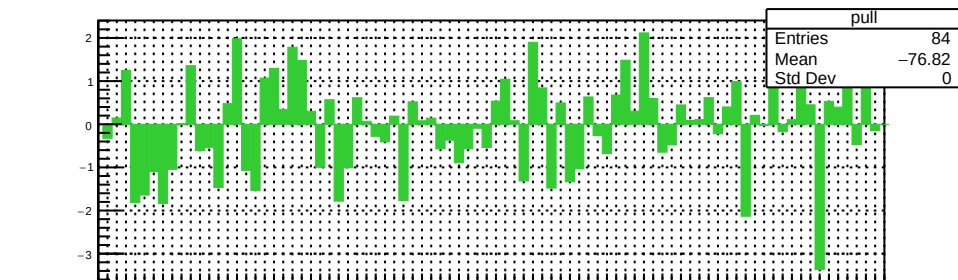
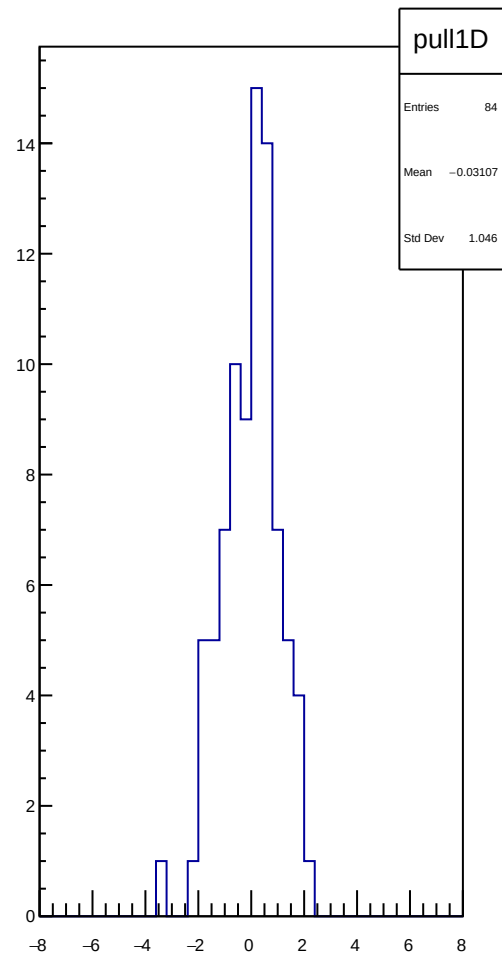
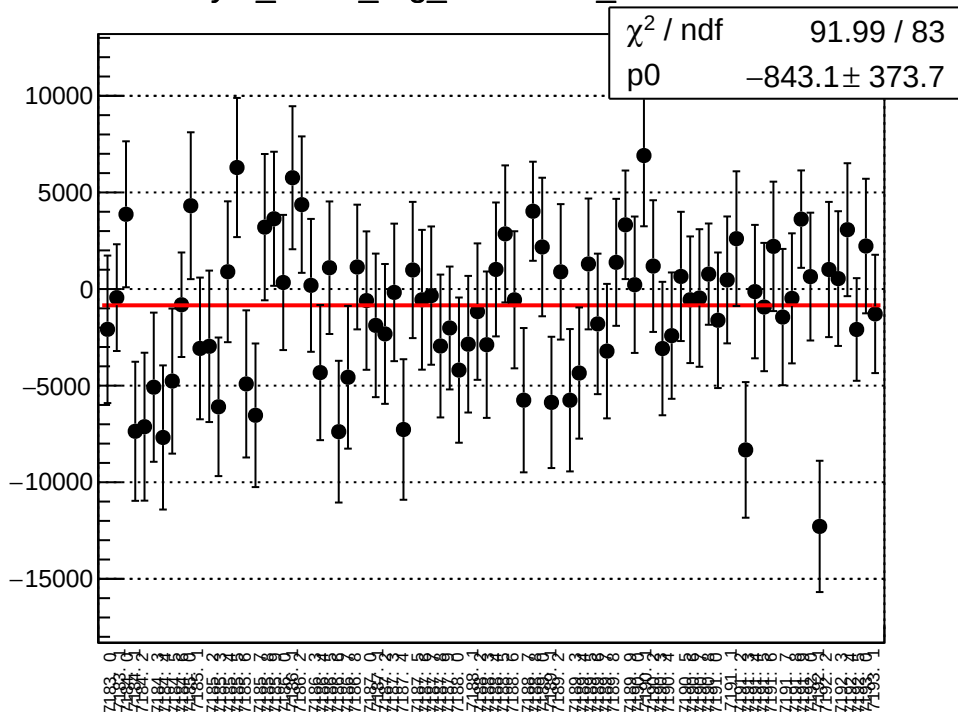
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p0

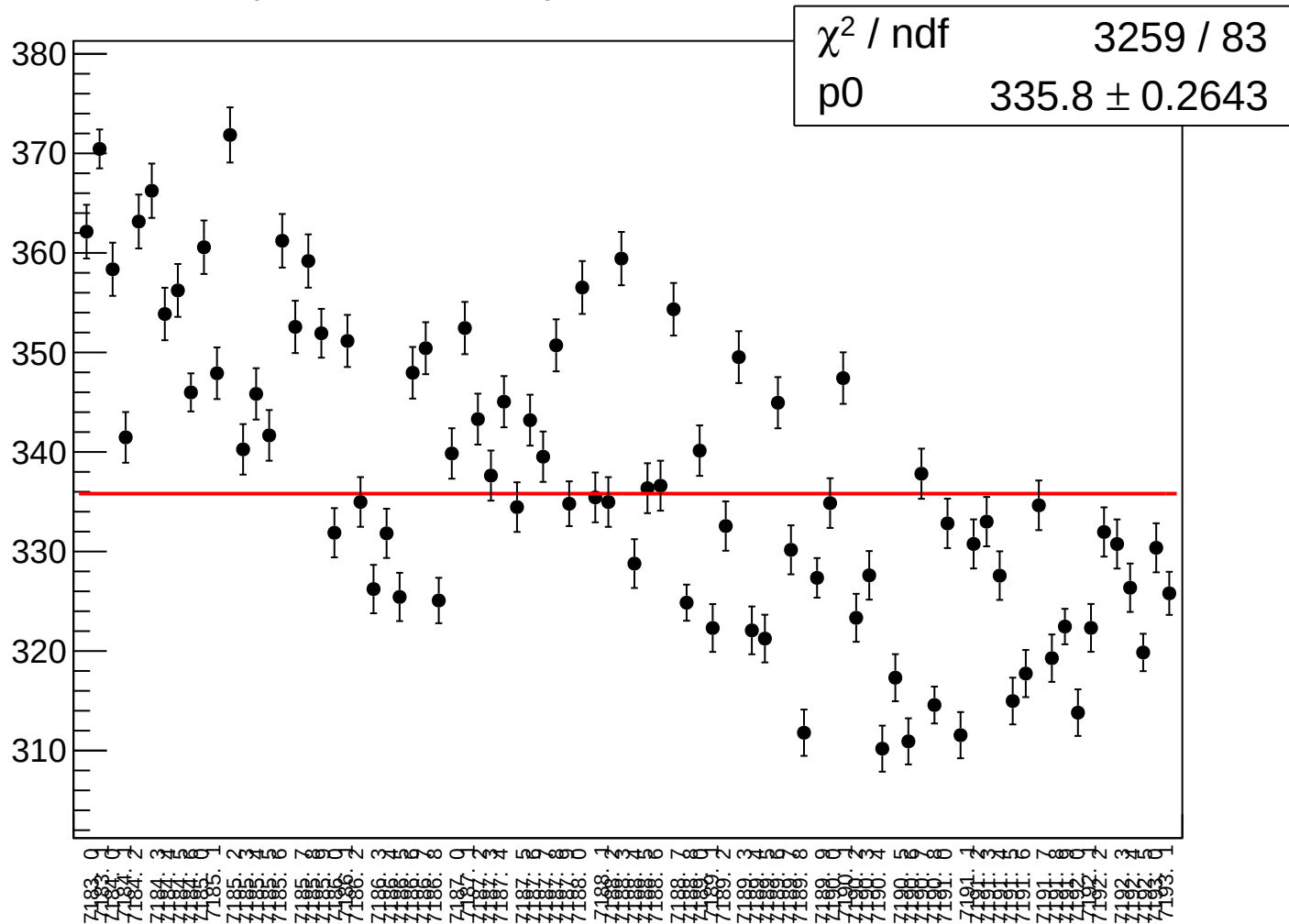
78.7 ± 0.06188



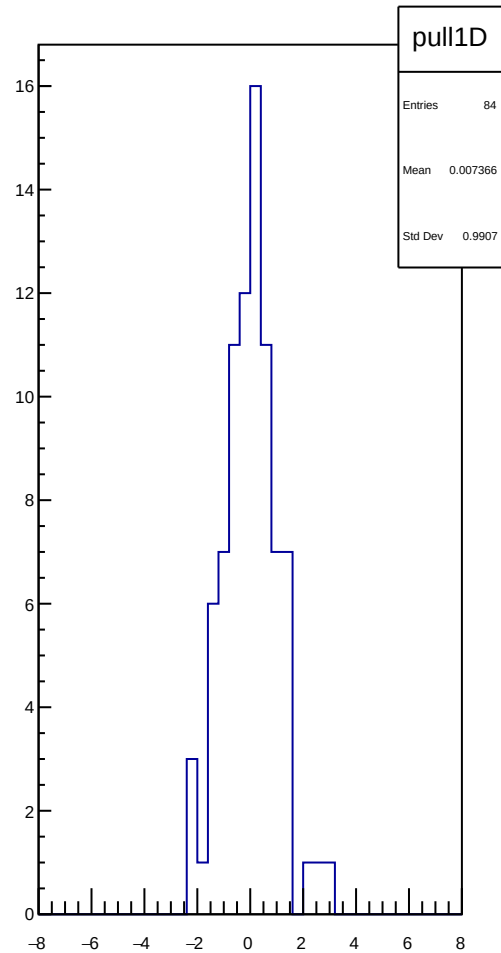
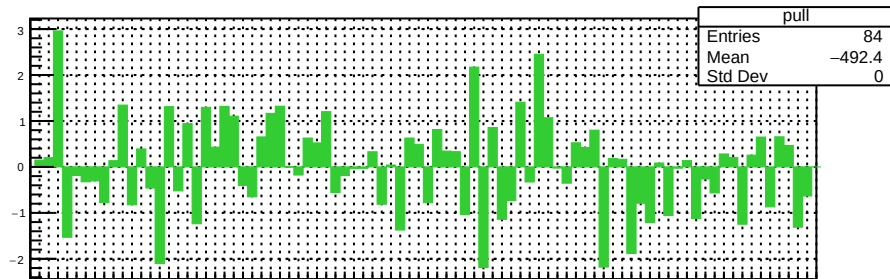
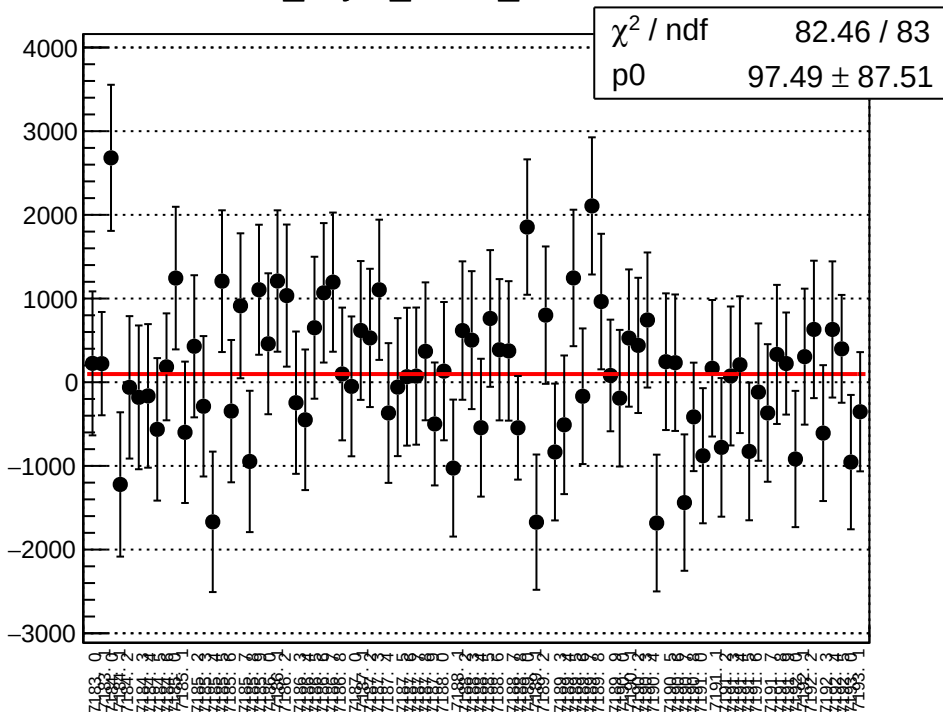
asym_sam1_reg_correction_mean vs run



asym_sam1_reg_correction_rms vs run



cor_asym_sam1_mean vs run



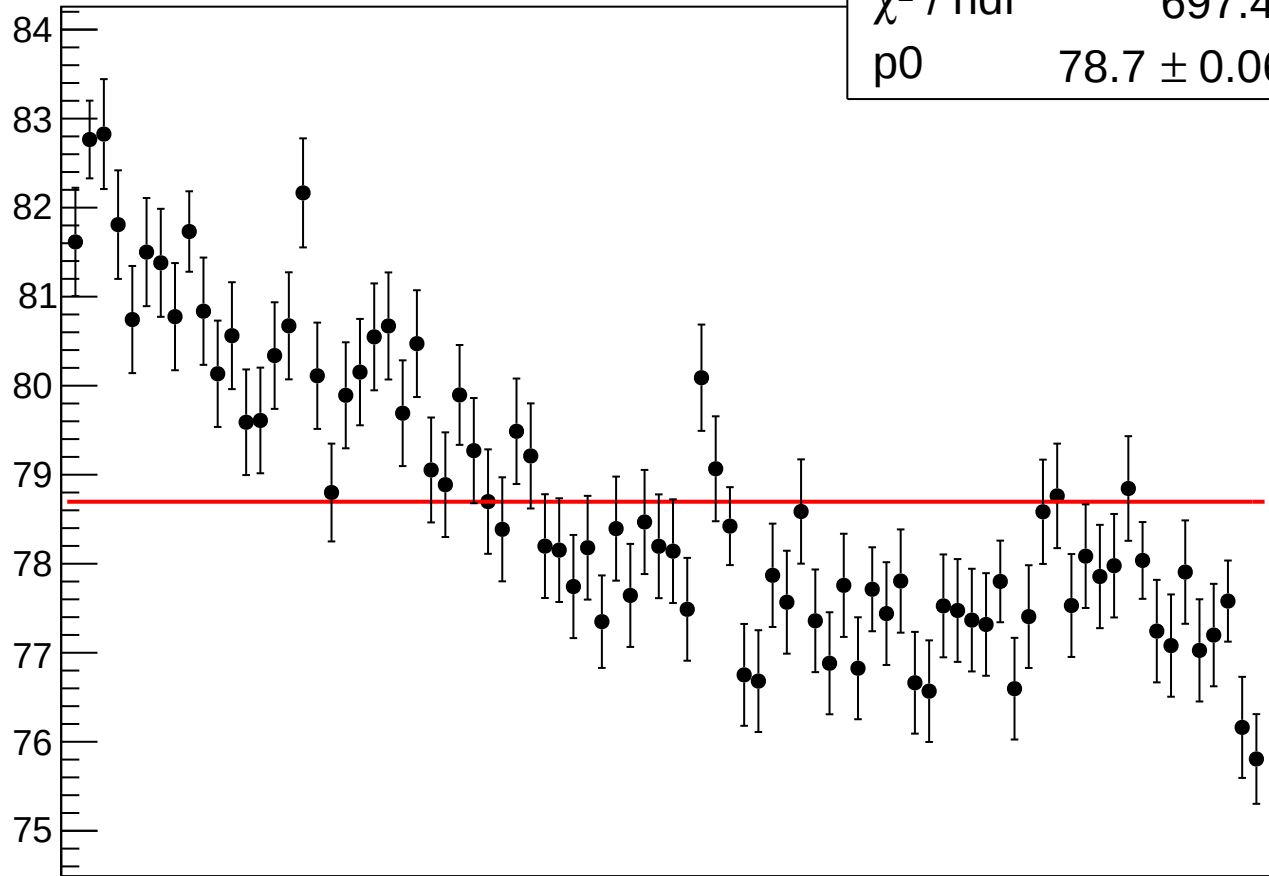
cor_asym_sam1_rms vs run

χ^2 / ndf

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p0

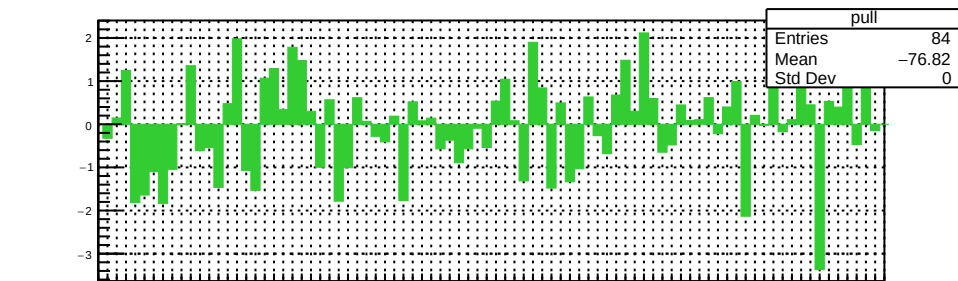
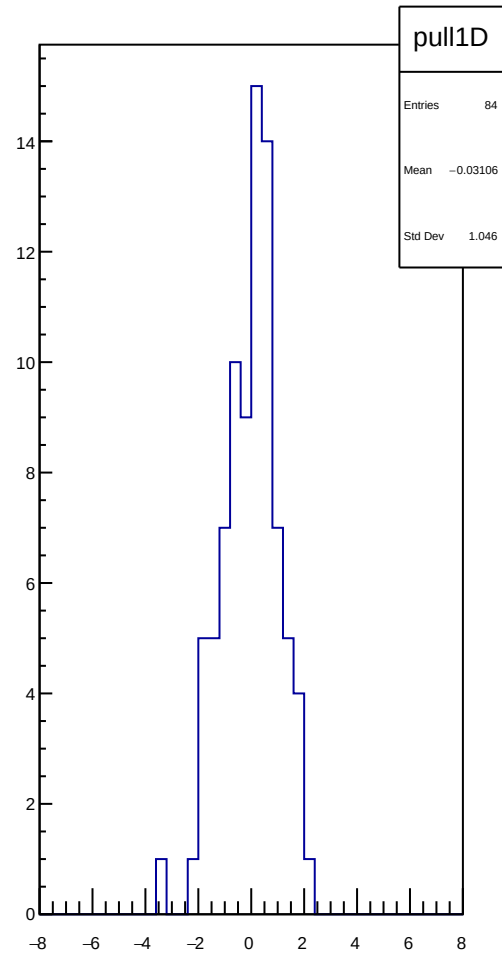
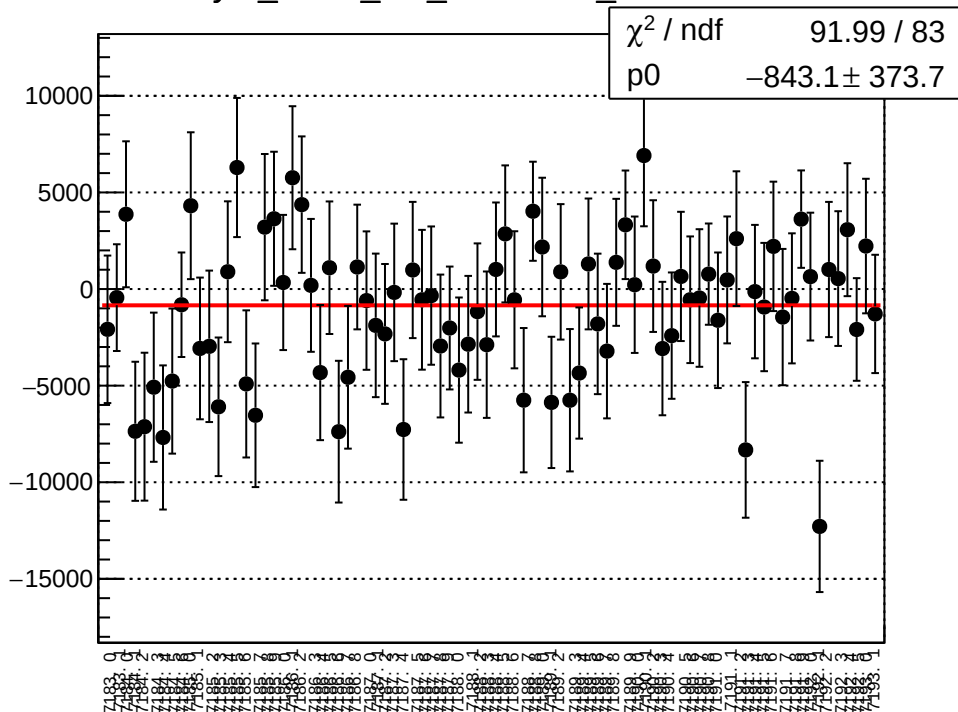
78.7 ± 0.06188



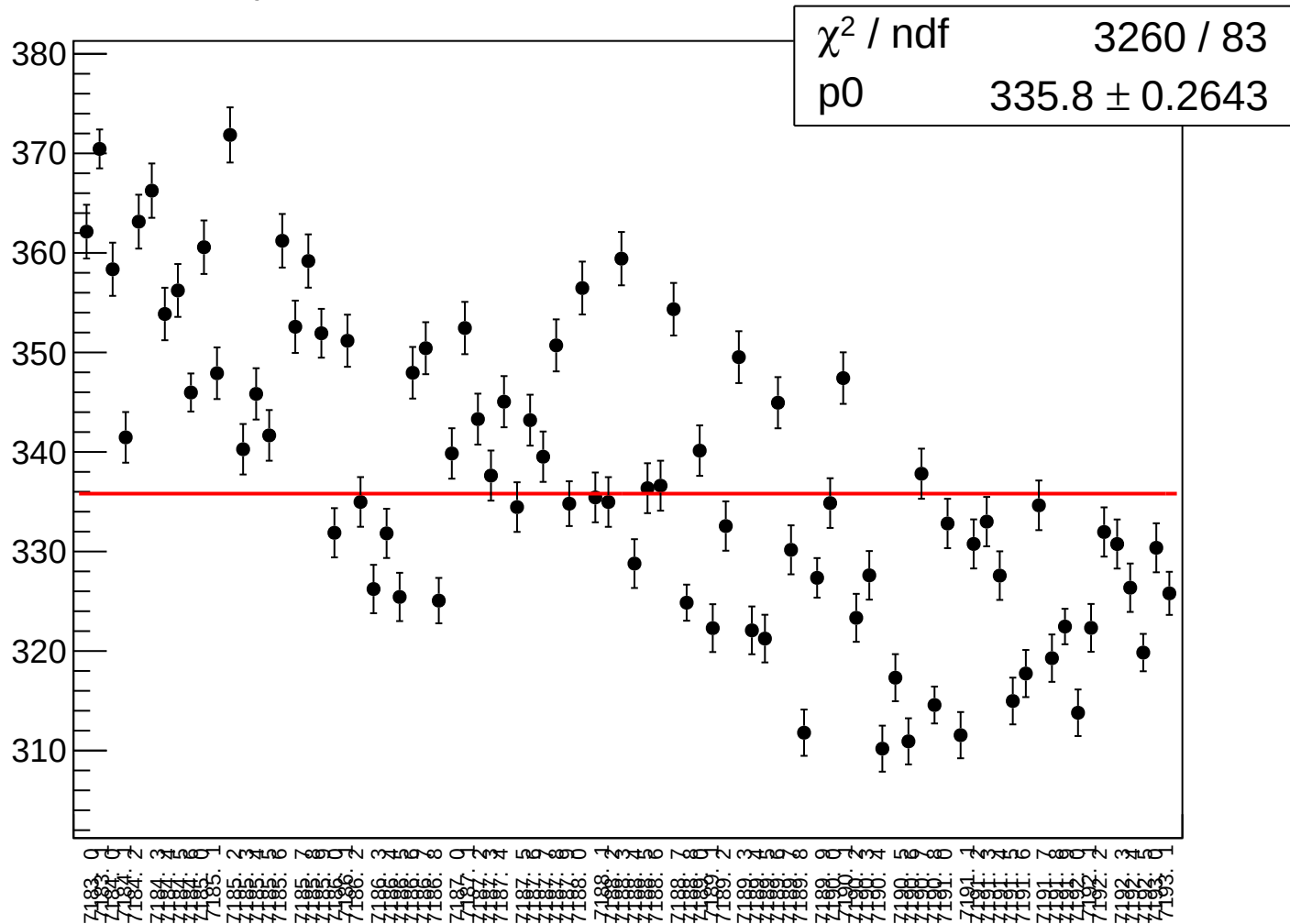
run

74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

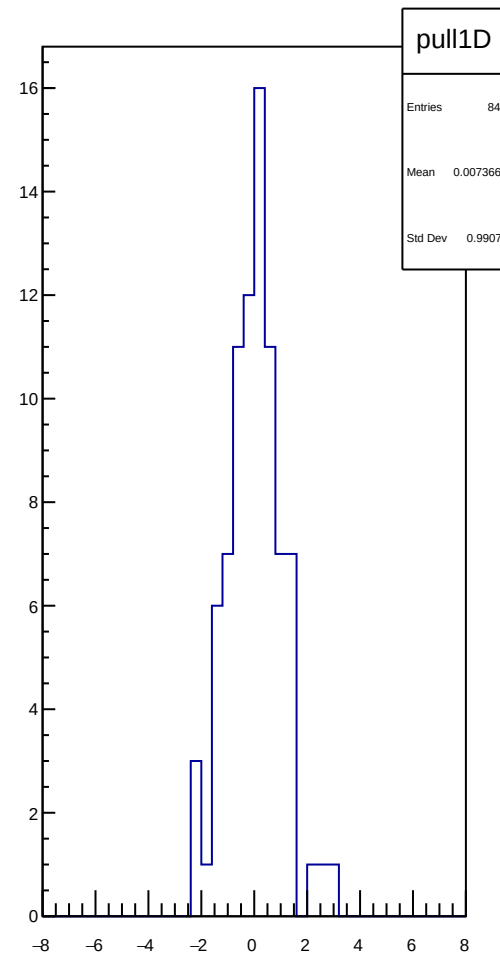
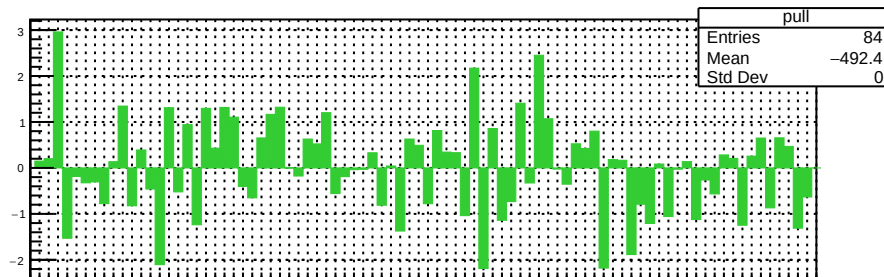
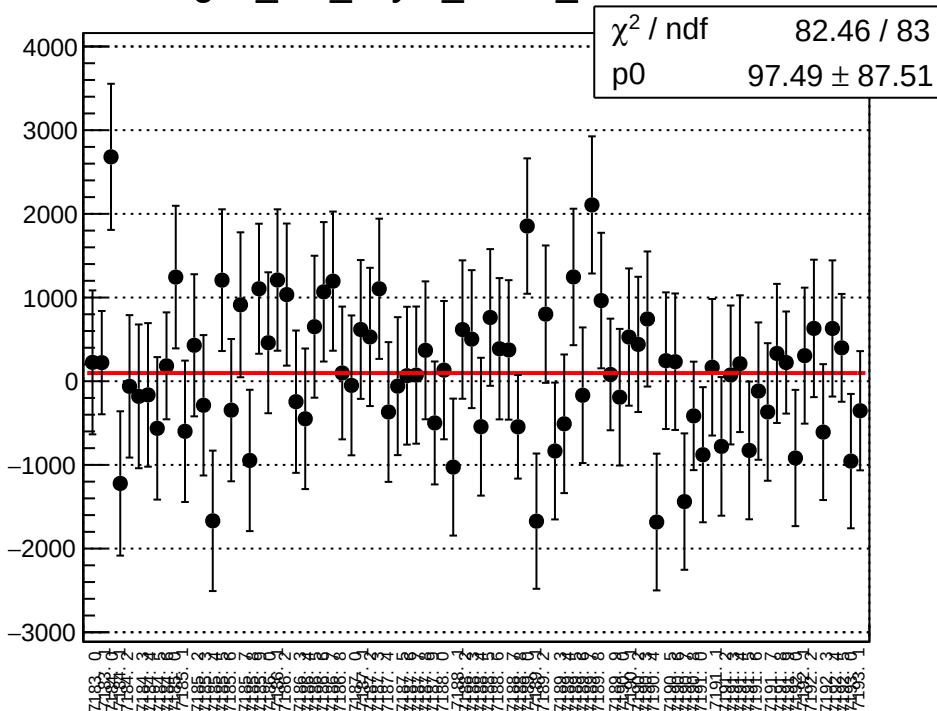
asym_sam1_cor_correction_mean vs run



asym_sam1_cor_correction_rms vs run



eigen_cor_asym_sam1_mean vs run



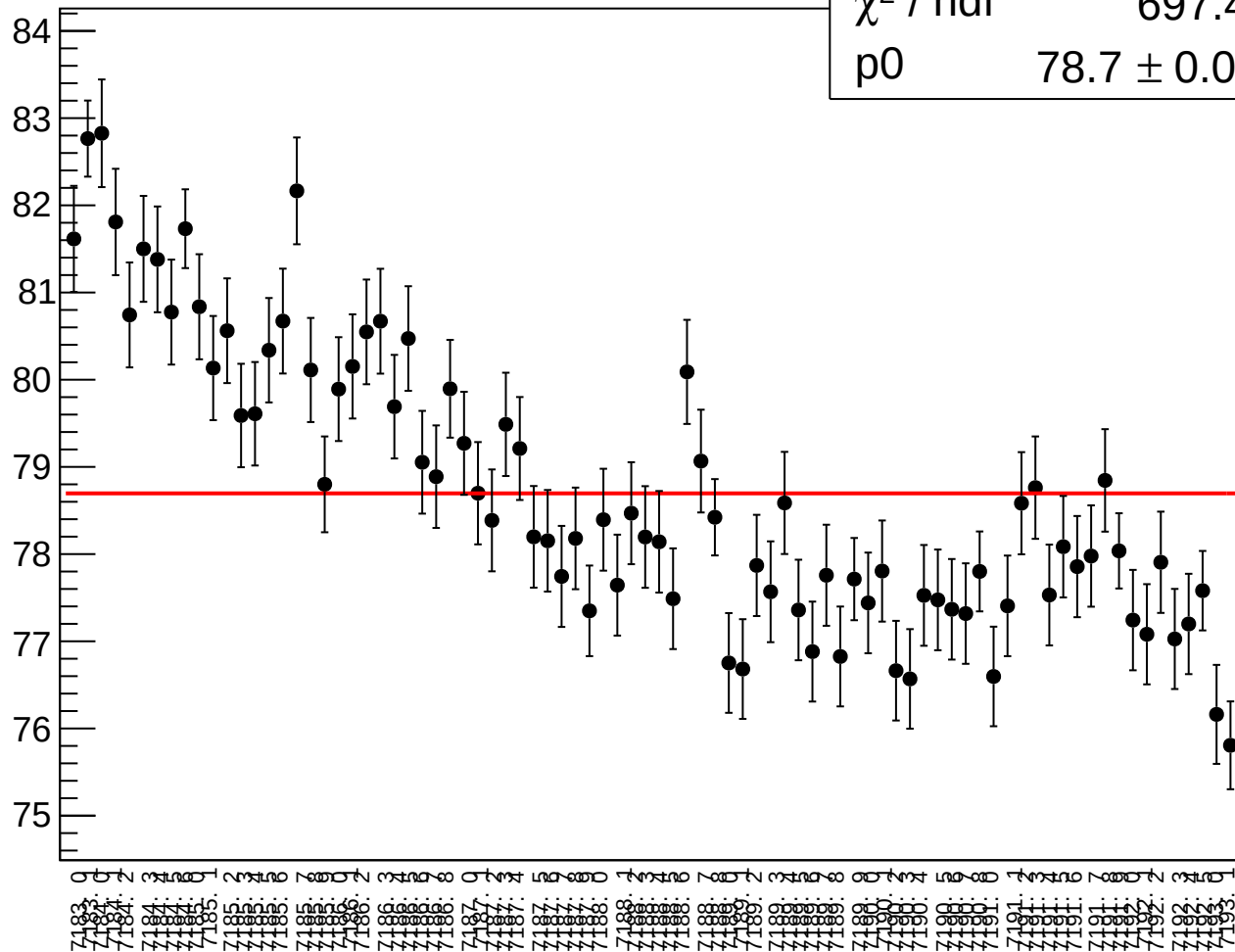
eigen_cor_asym_sam1_rms vs run

χ^2 / ndf

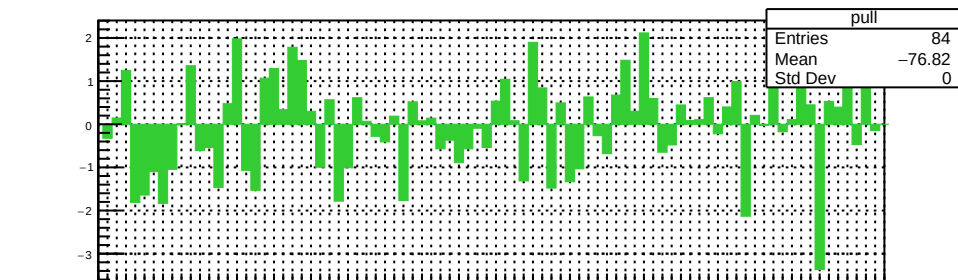
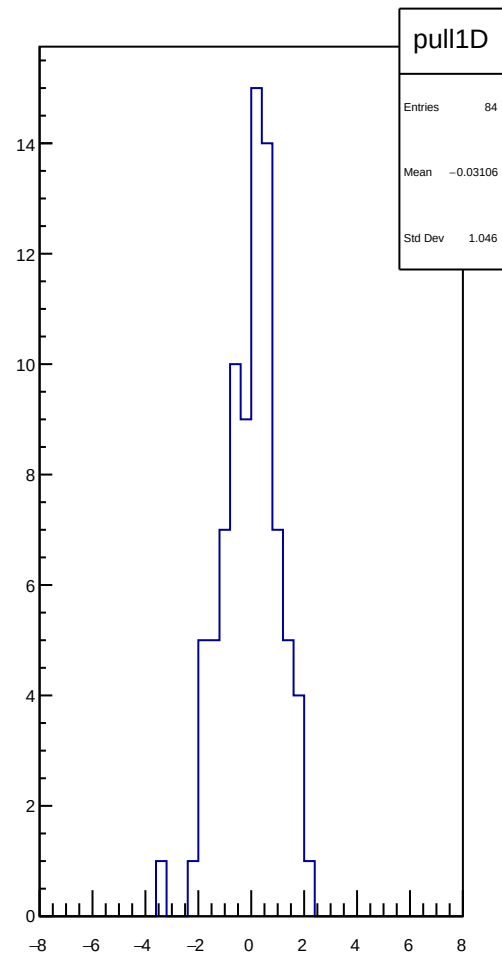
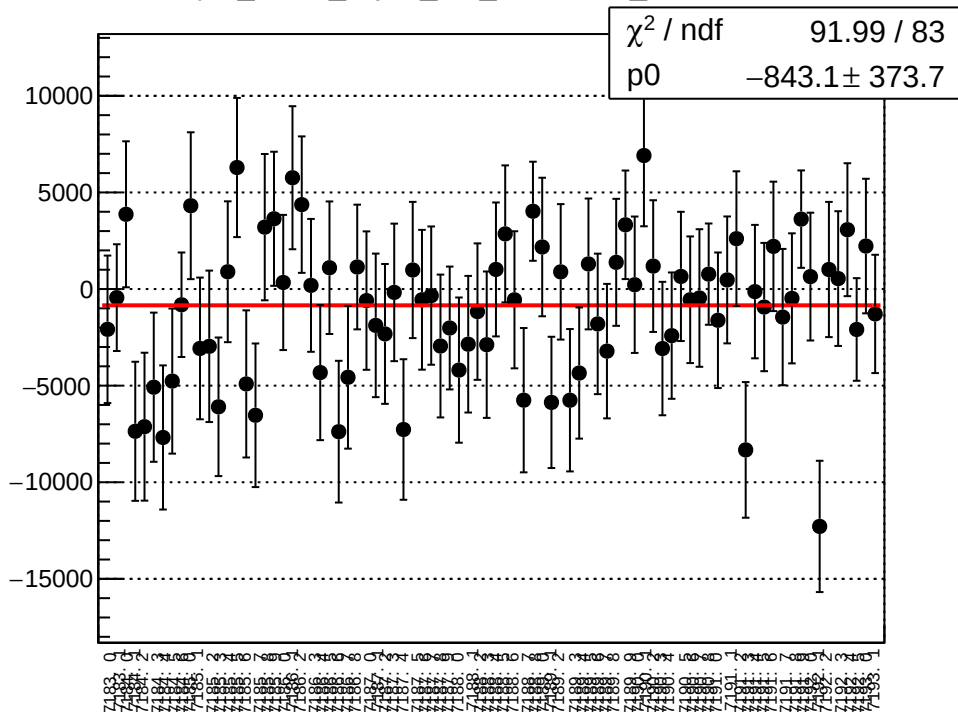
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p0

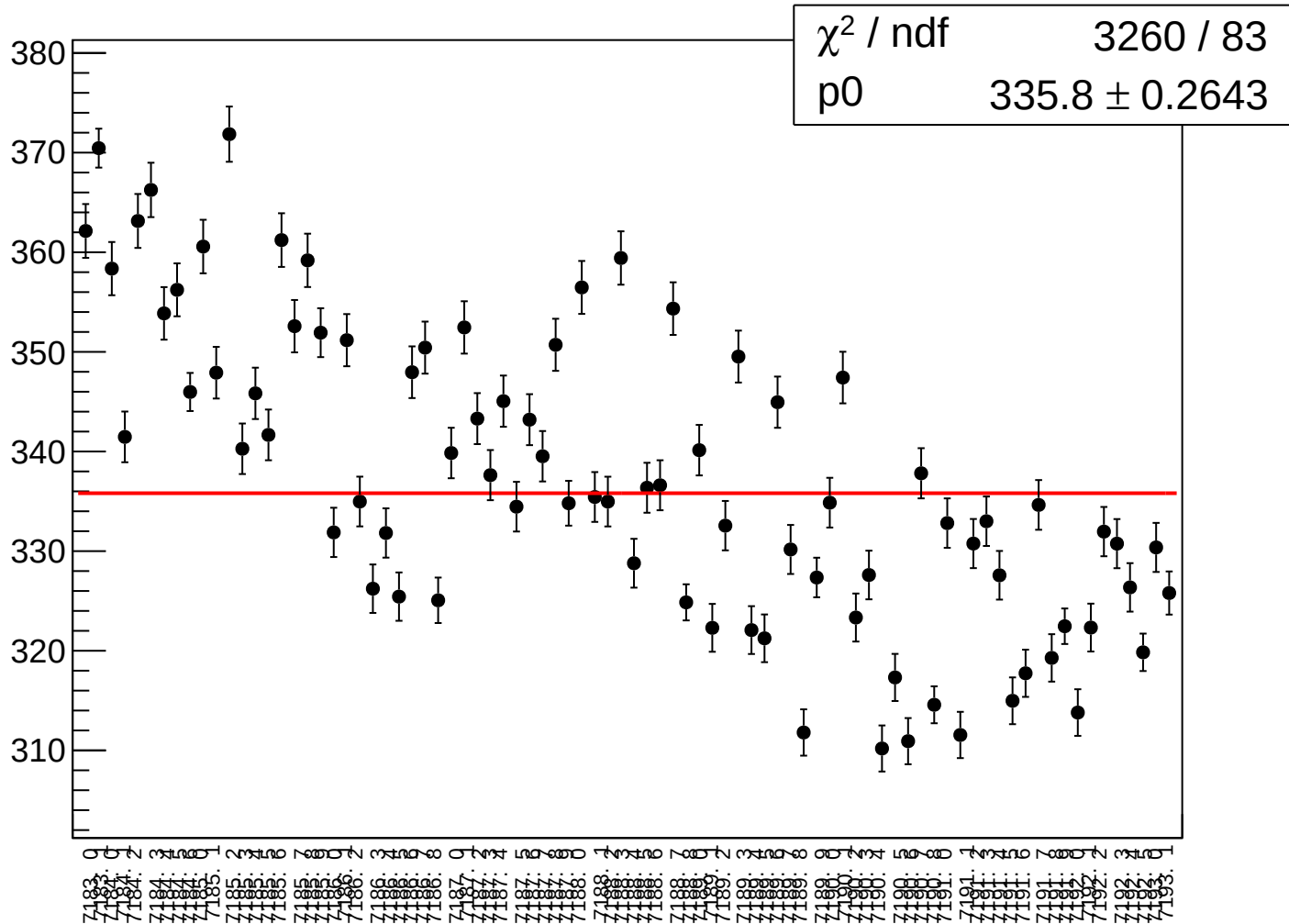
78.7 ± 0.06188



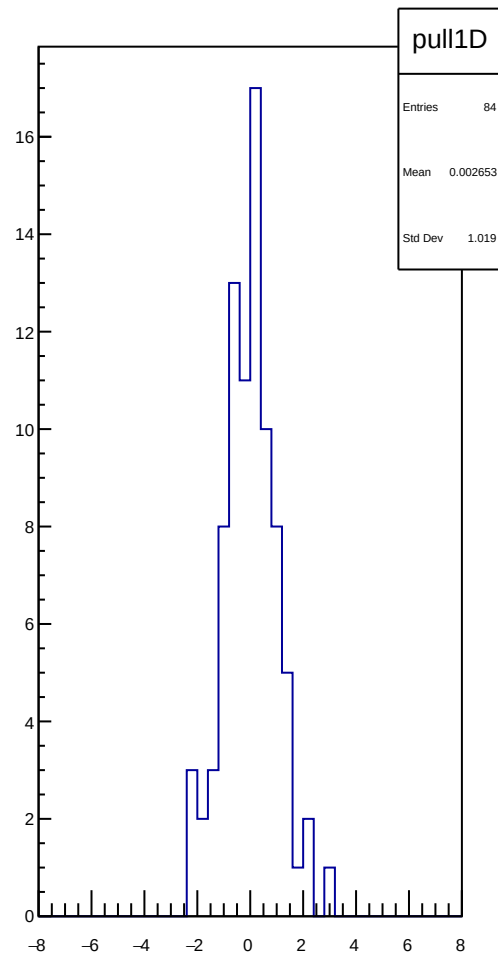
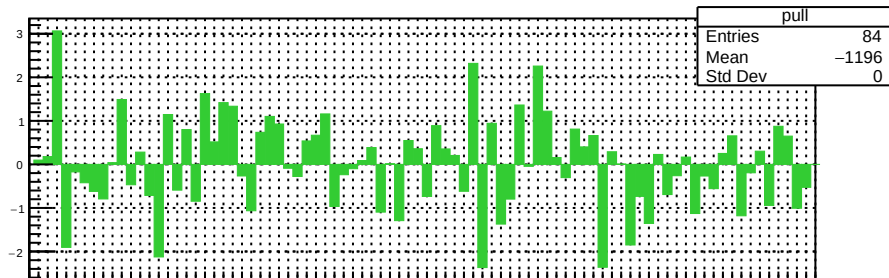
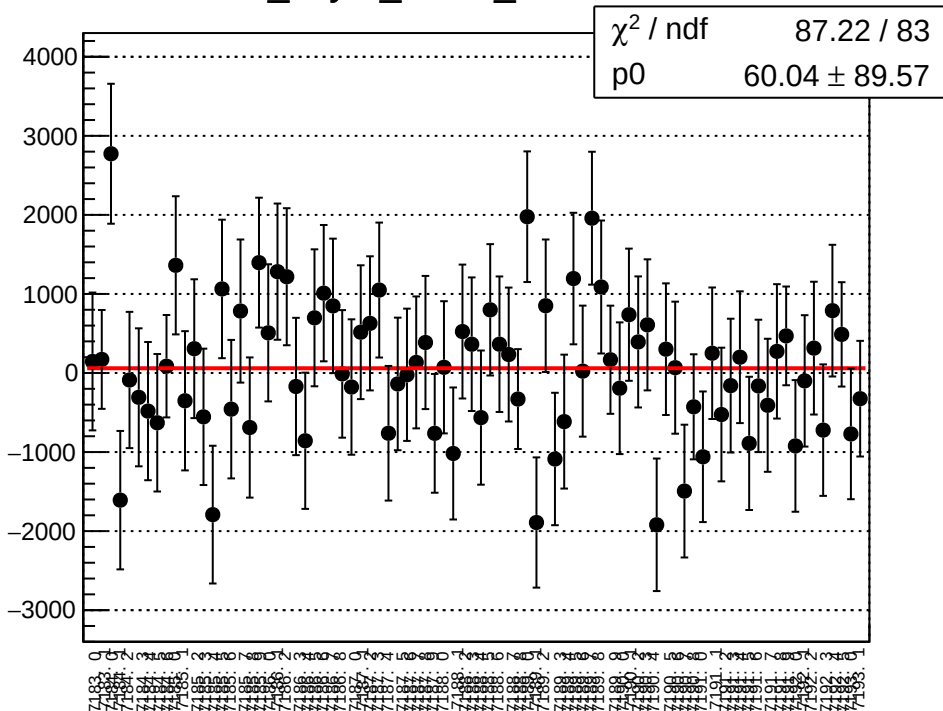
asym_sam1_eigen_cor_correction_mean vs run



asym_sam1_eigen_cor_correction_rms vs run



dit_asym_sam1_mean vs run



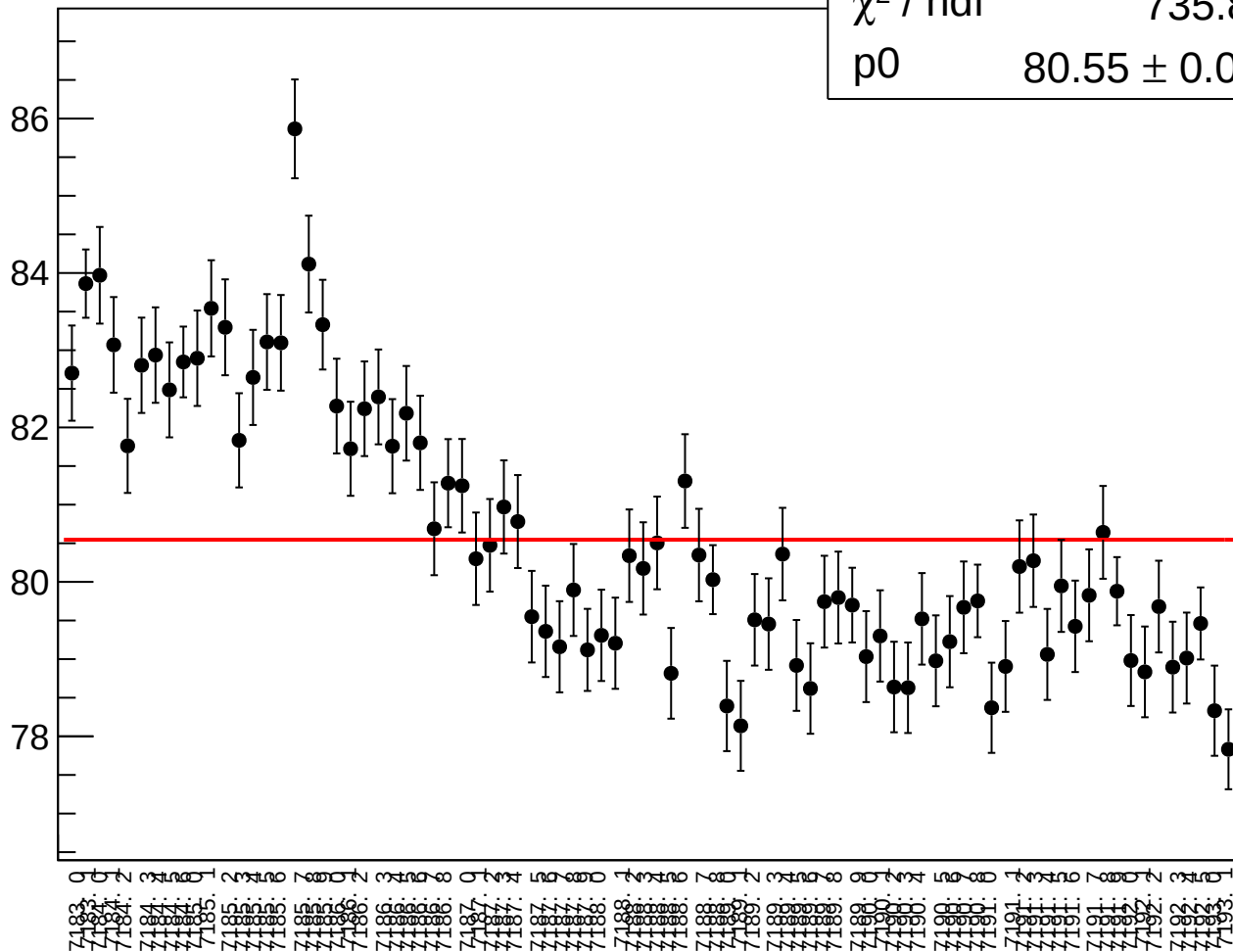
dit_asym_sam1_rms vs run

χ^2 / ndf

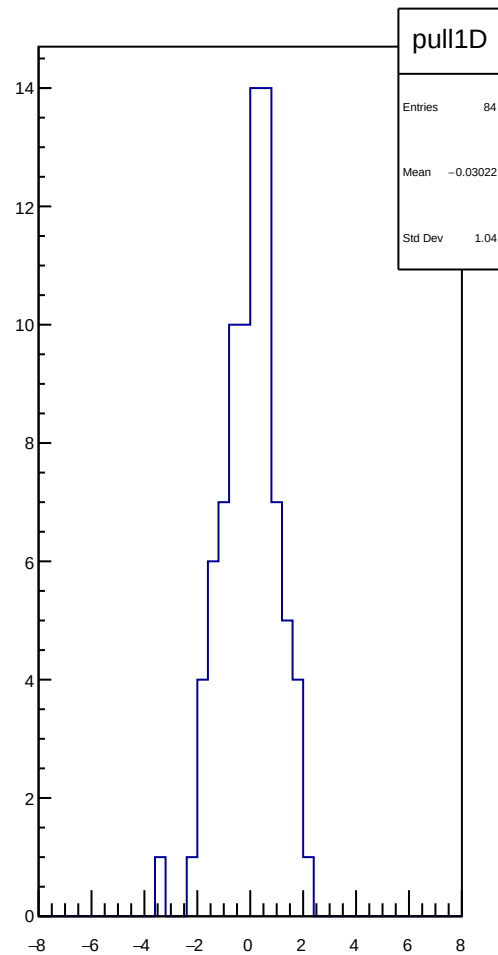
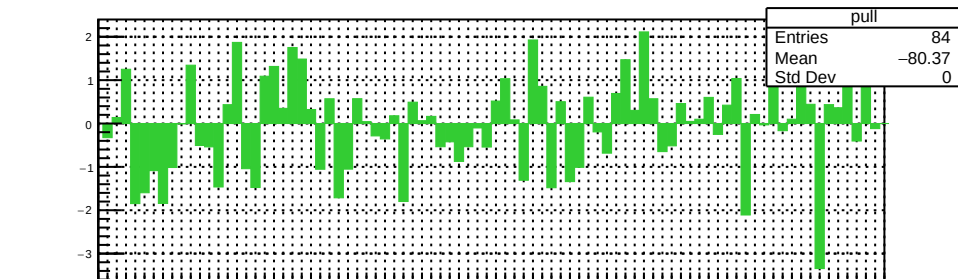
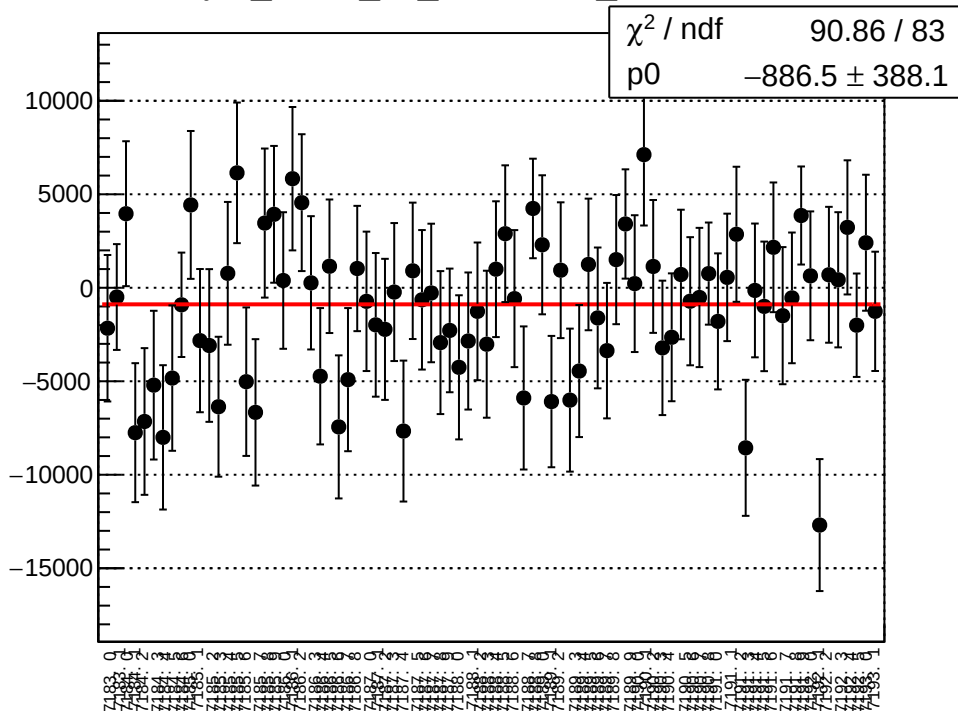
735.8 / 83

p0

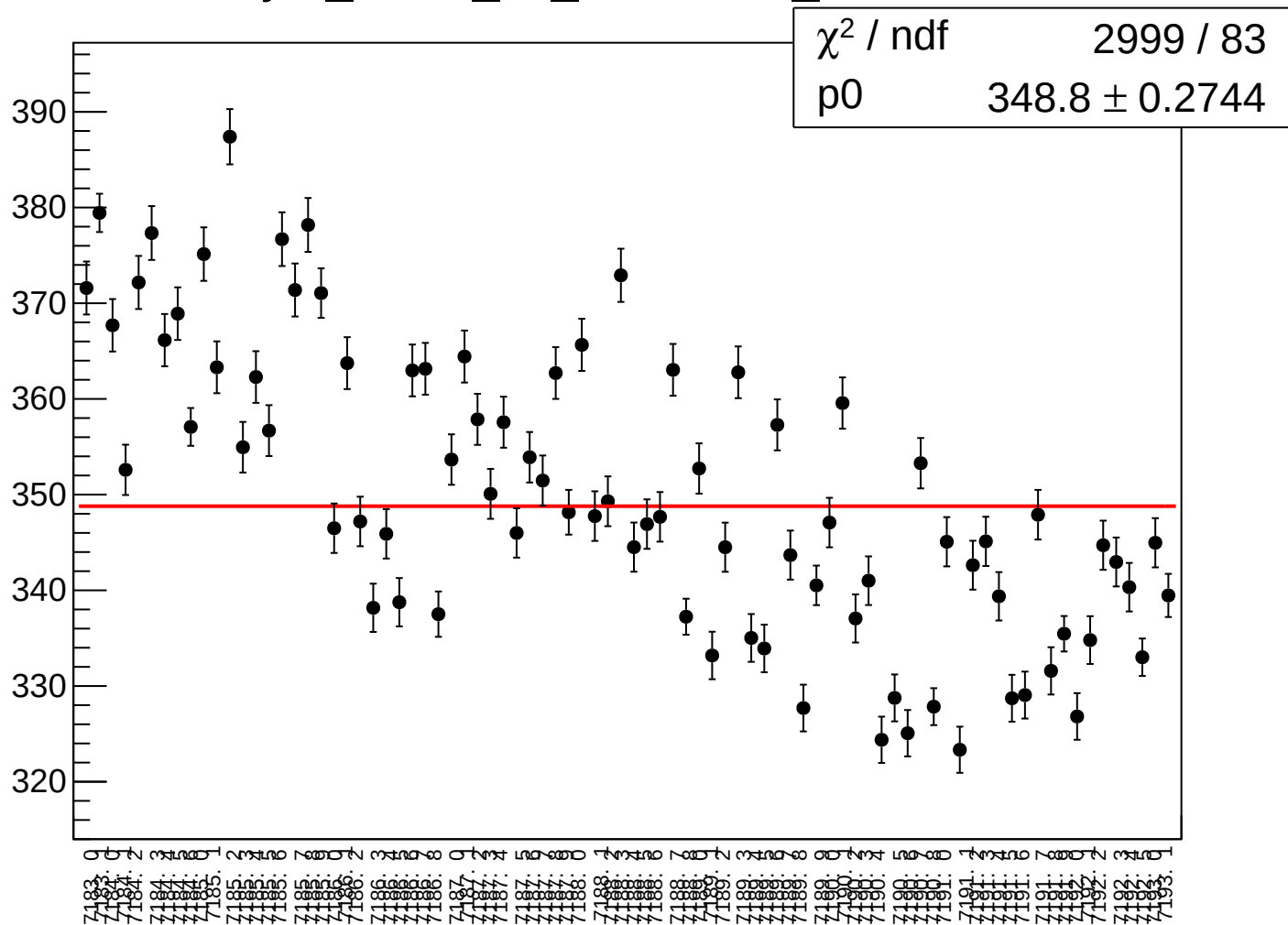
80.55 ± 0.06333



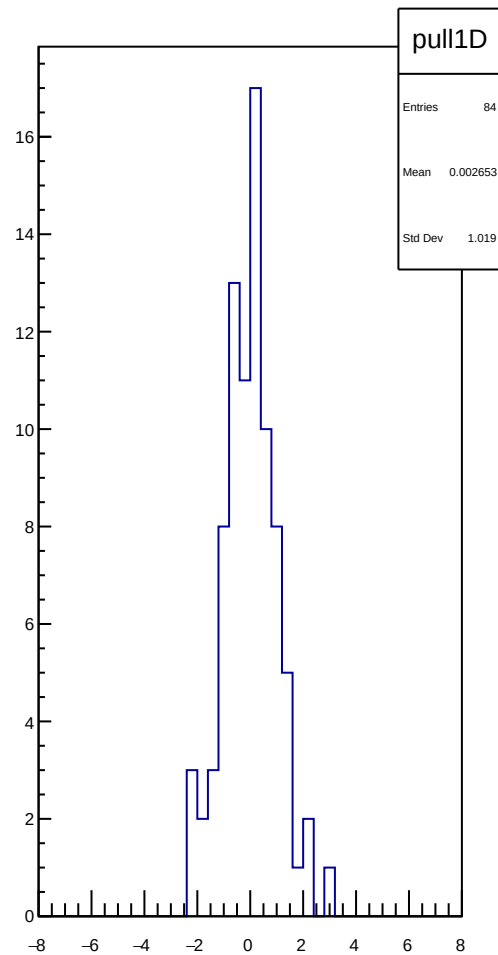
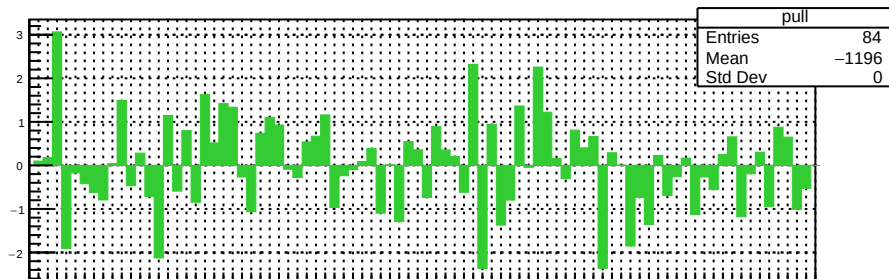
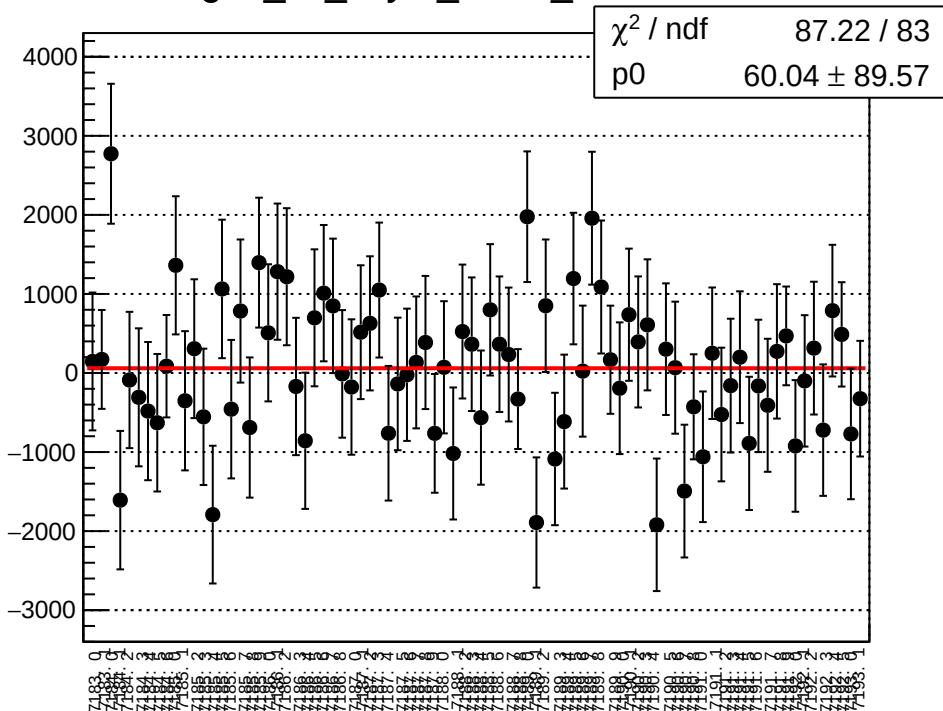
asym_sam1_dit_correction_mean vs run



asym_sam1_dit_correction_rms vs run



eigen_dit_asym_sam1_mean vs run



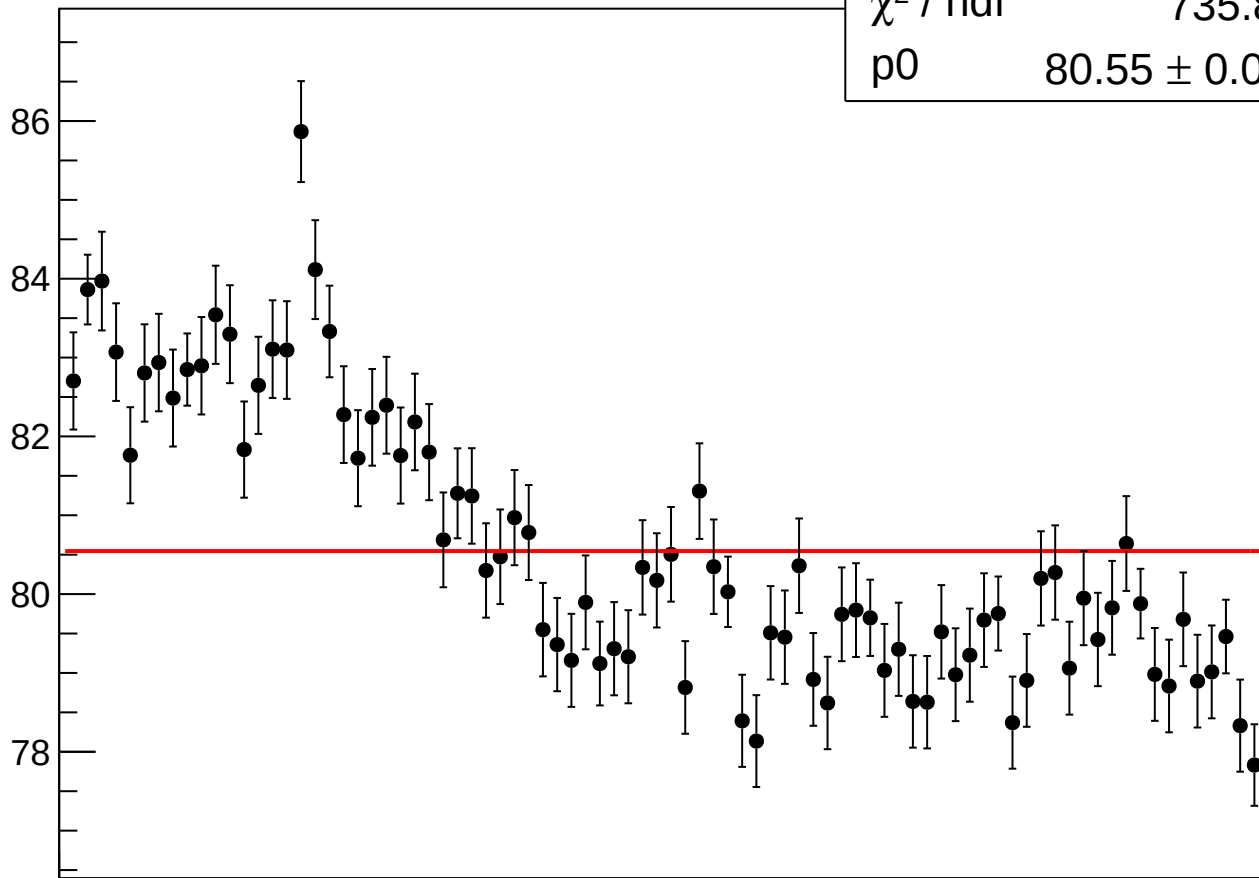
eigen_dit_asym_sam1_rms vs run

χ^2 / ndf

735.8 / 83

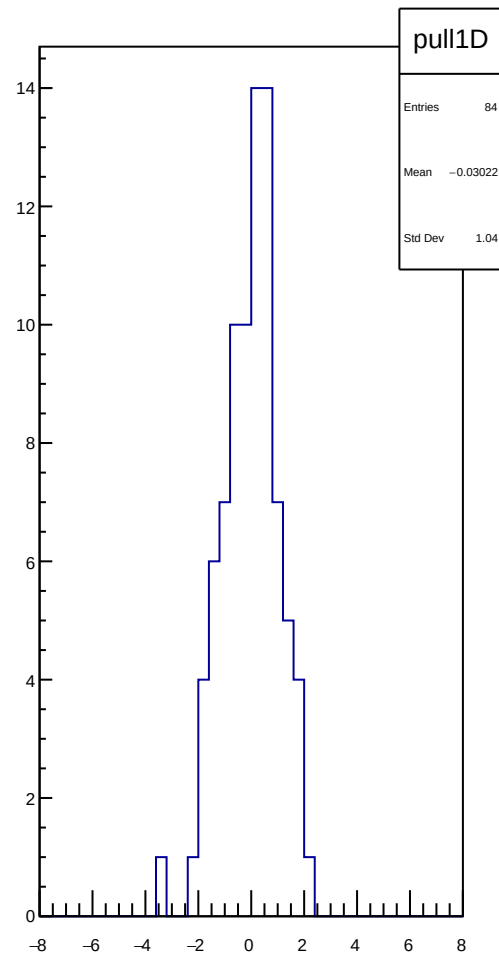
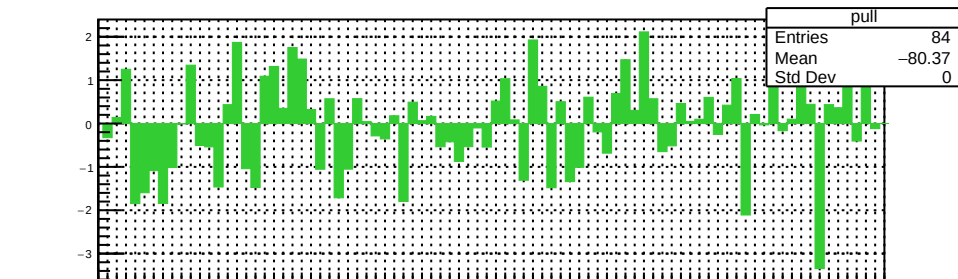
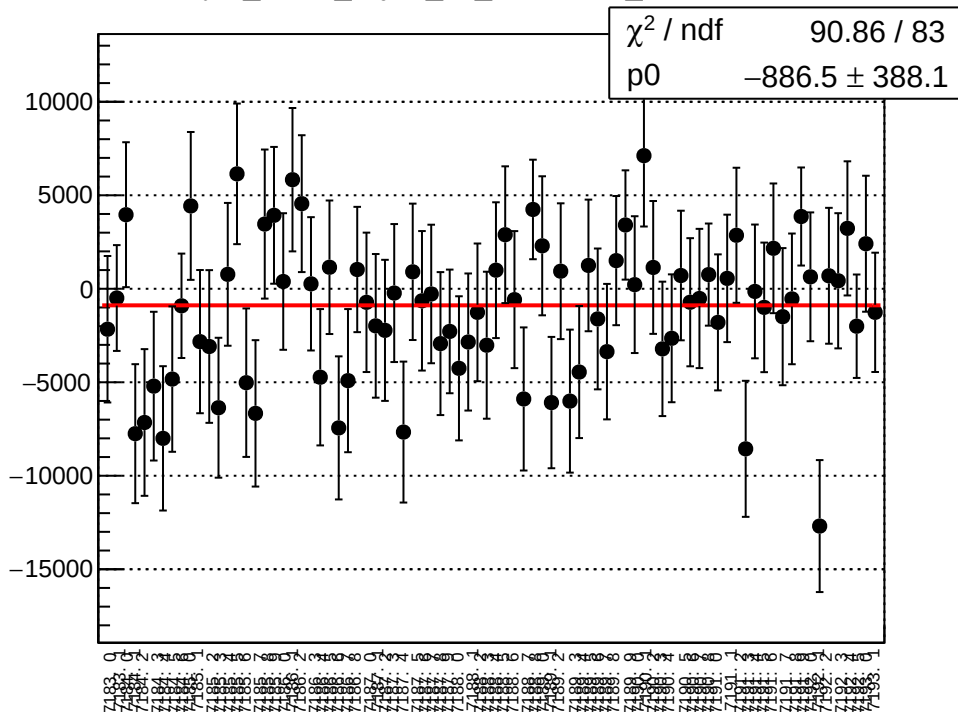
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80.55 ± 0.06333

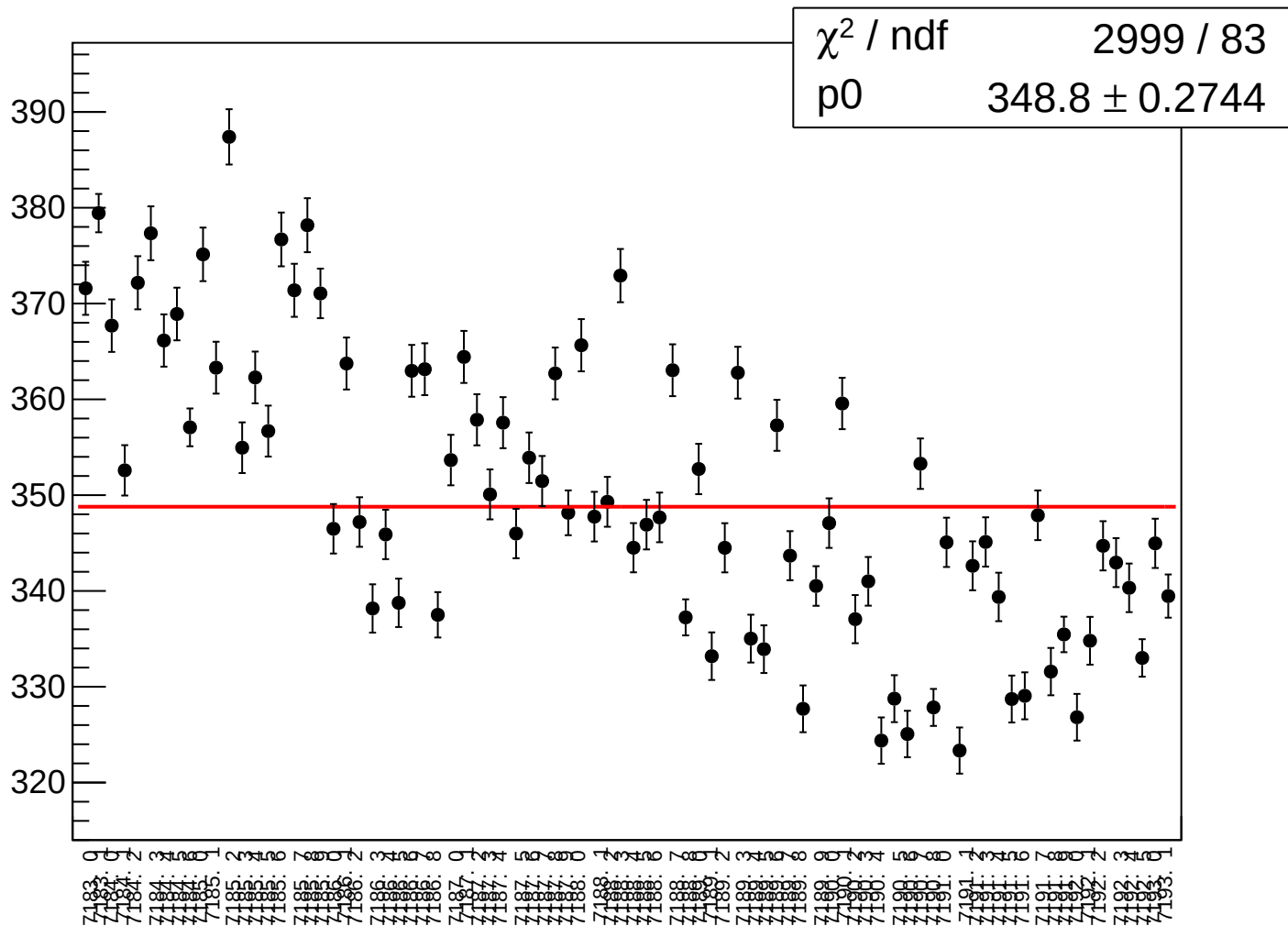


run
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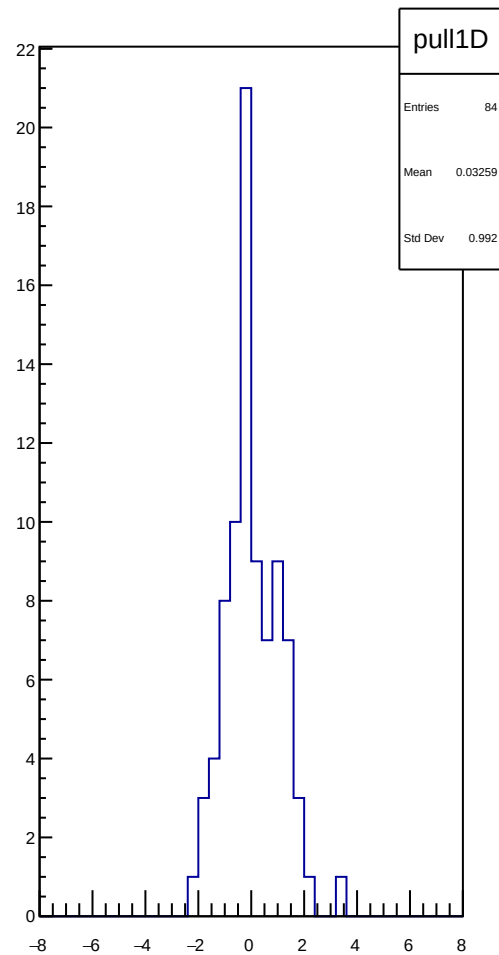
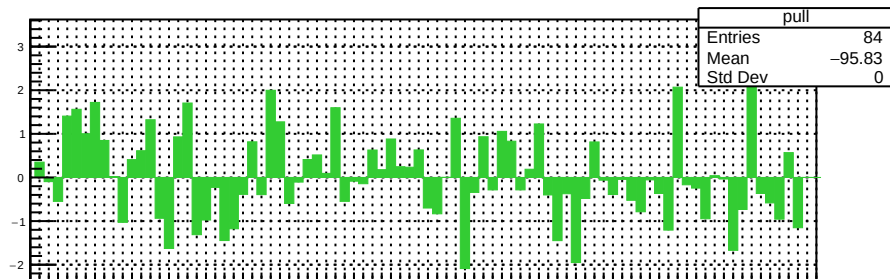
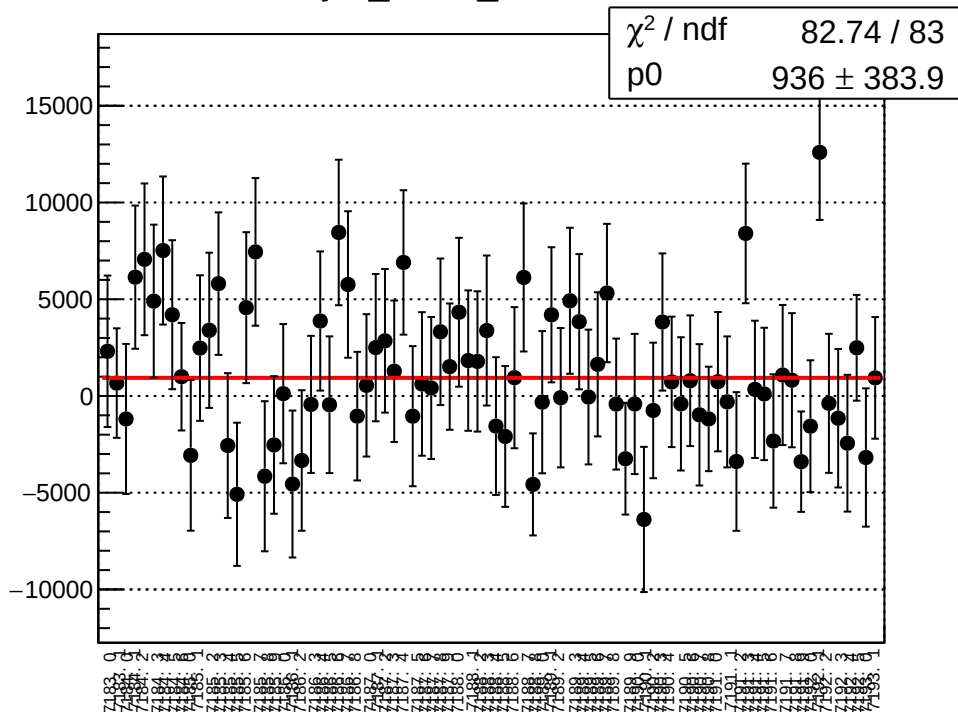
asym_sam1_eigen_dit_correction_mean vs run



asym_sam1_eigen_dit_correction_rms vs run



asym_sam1_mean vs run

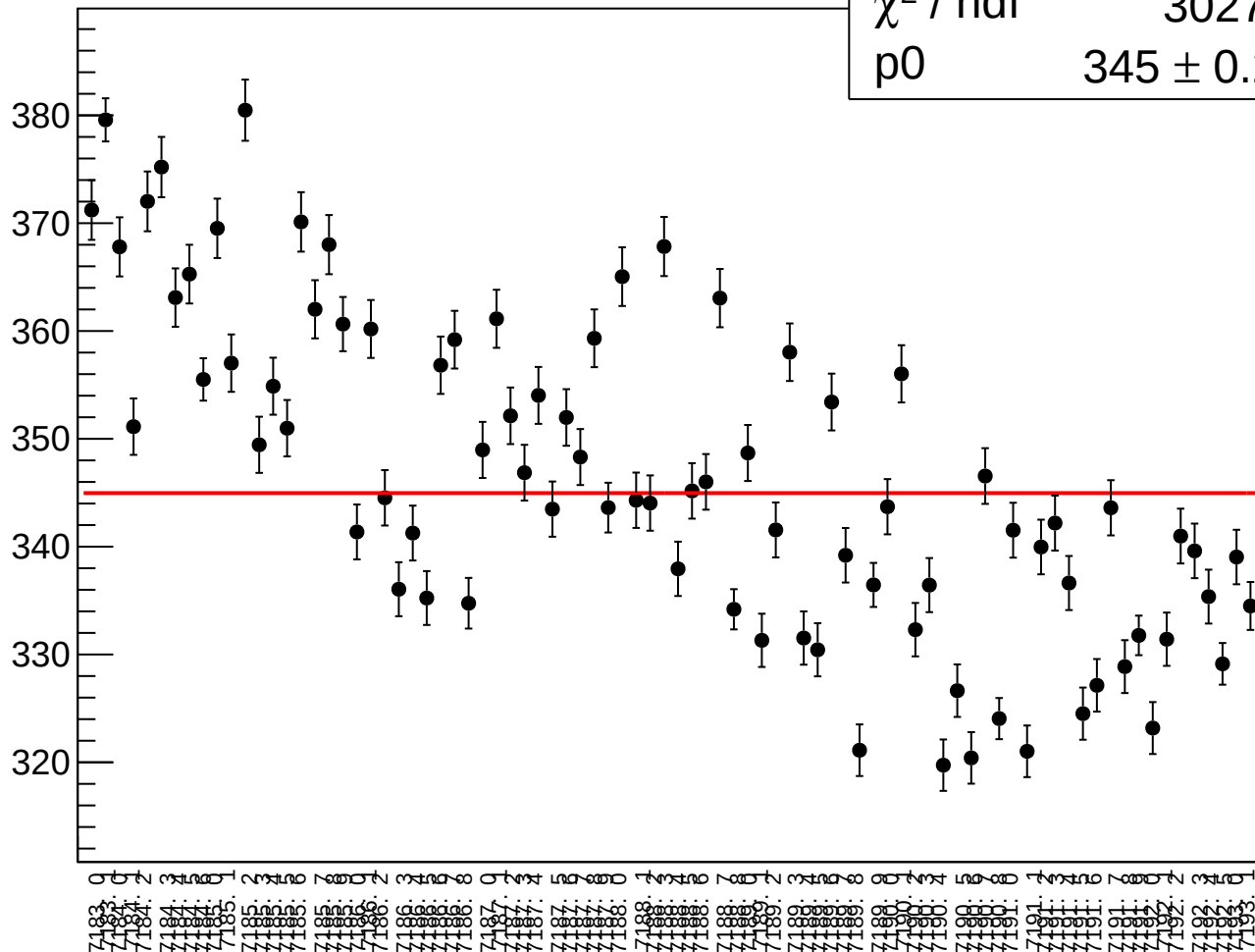


asym_sam1_rms vs run

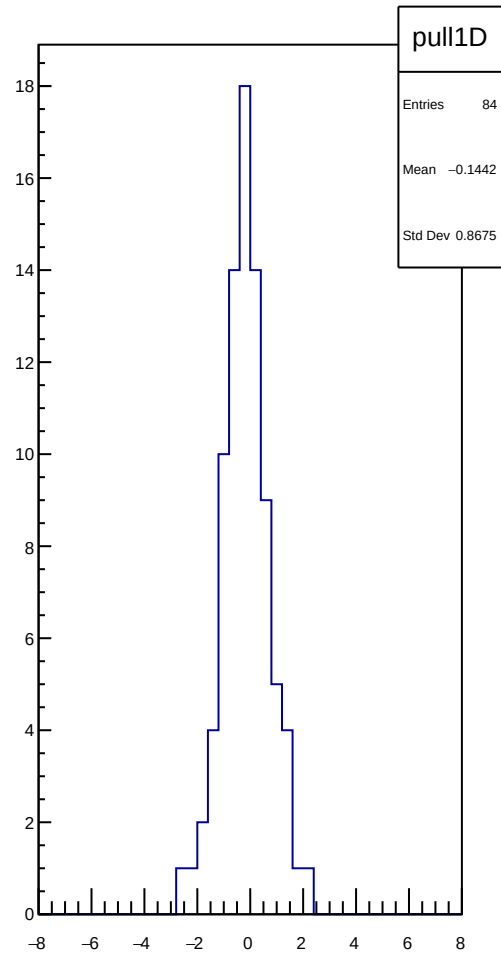
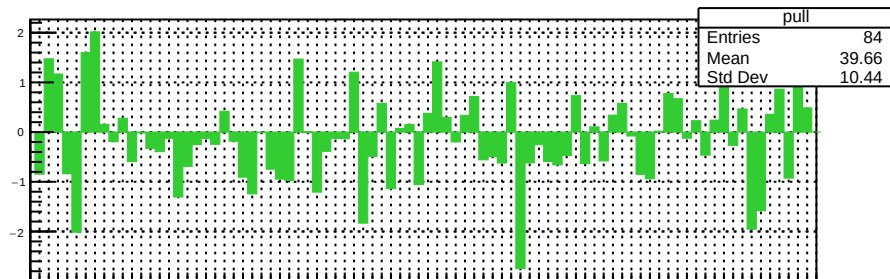
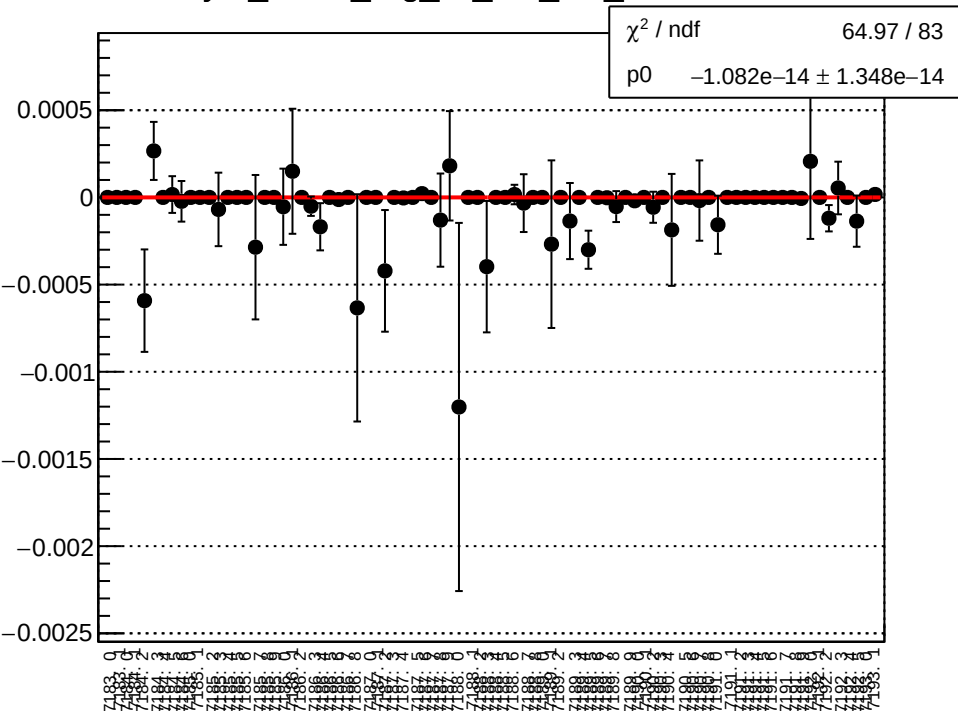
 χ^2 / ndf

3027 / 83

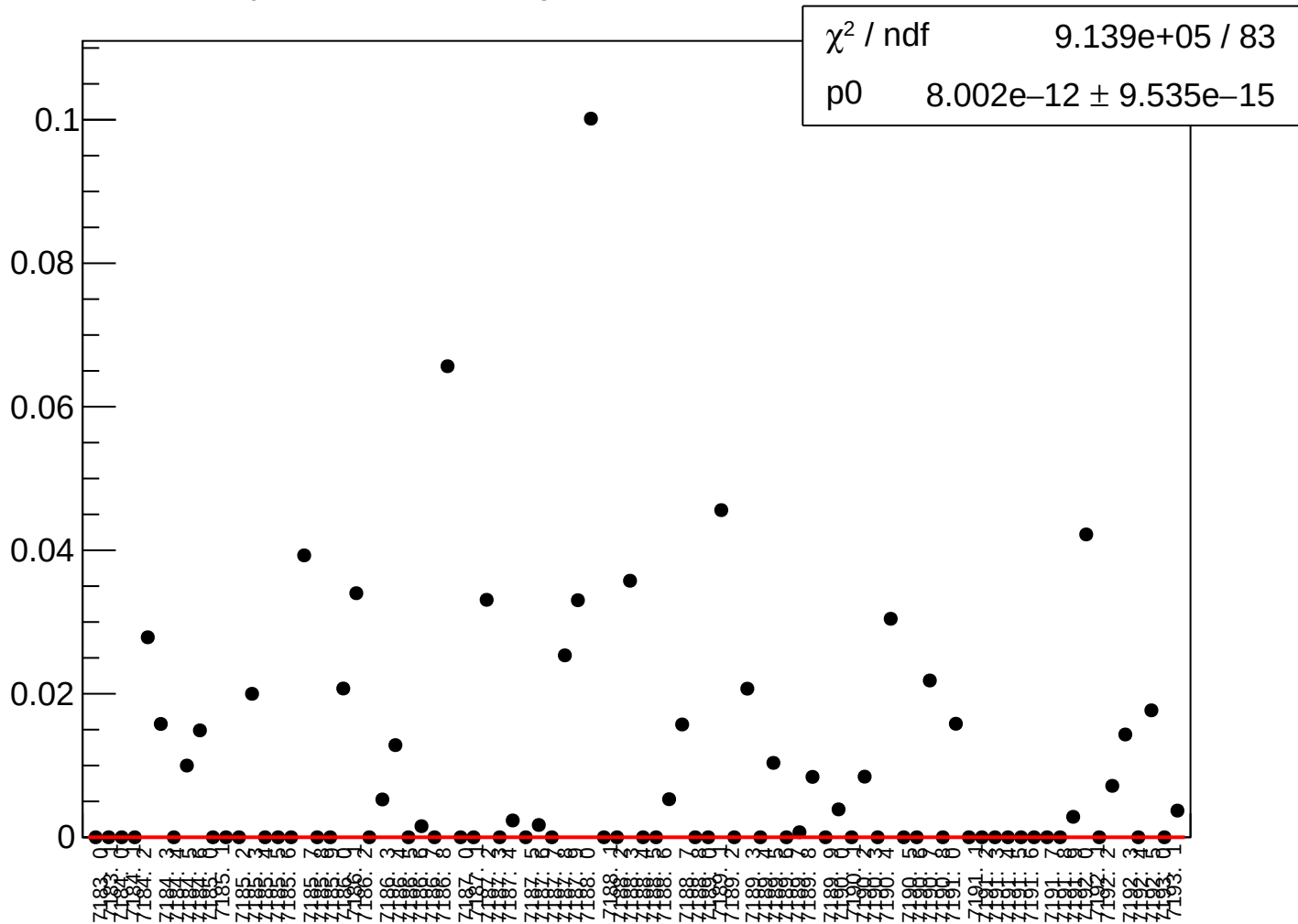
p0

 345 ± 0.2714


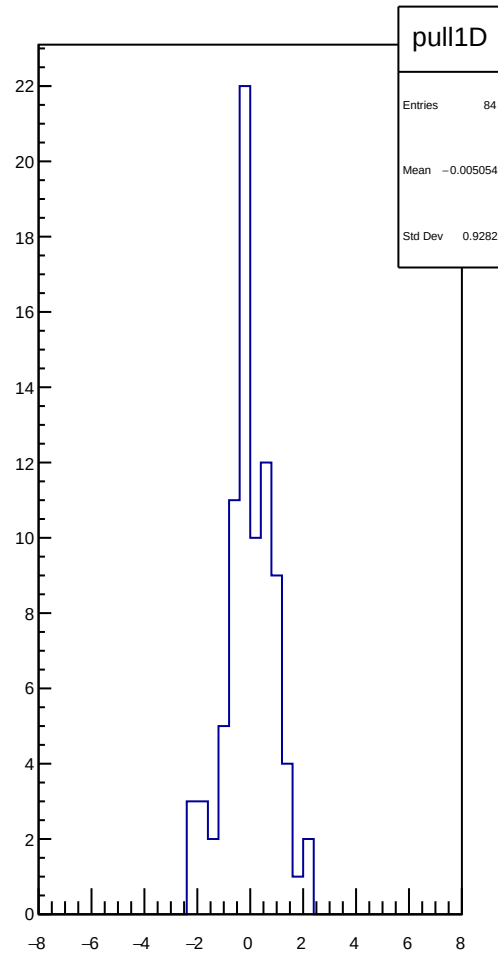
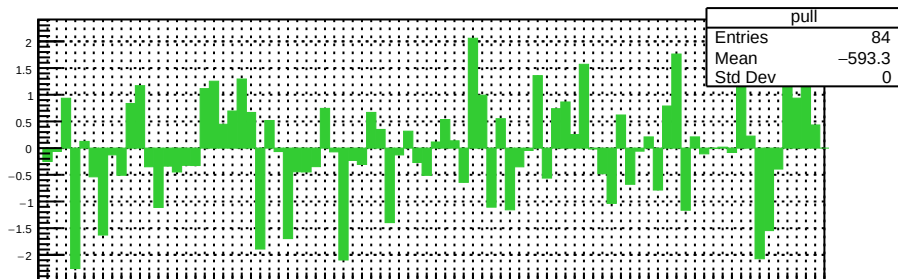
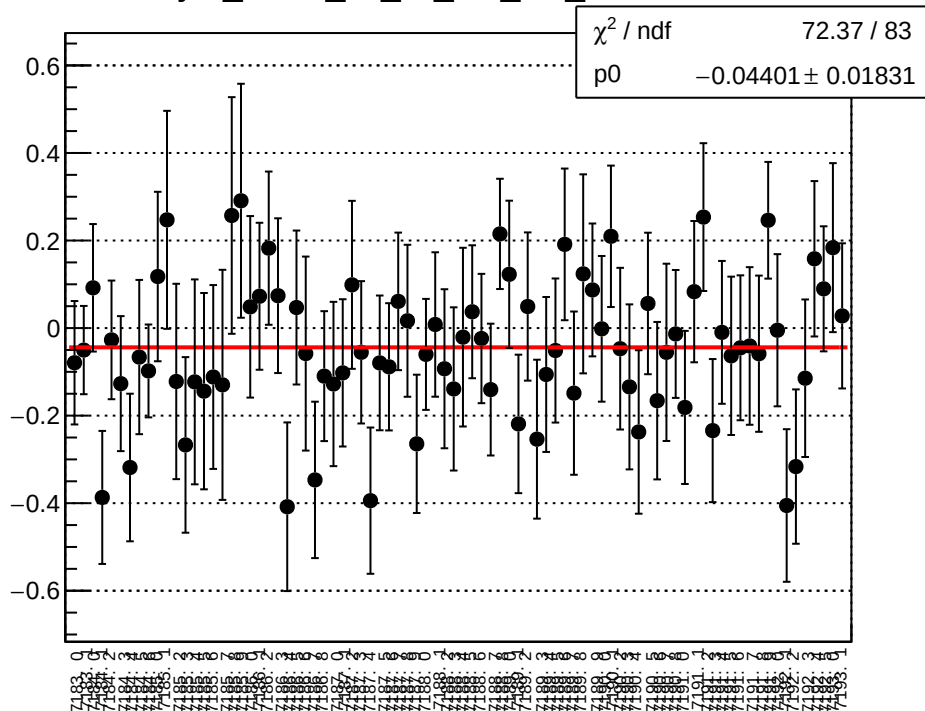
asym_sam1_reg_vs_cor_diff_mean vs run



asym_sam1_reg_vs_cor_diff_rms vs run

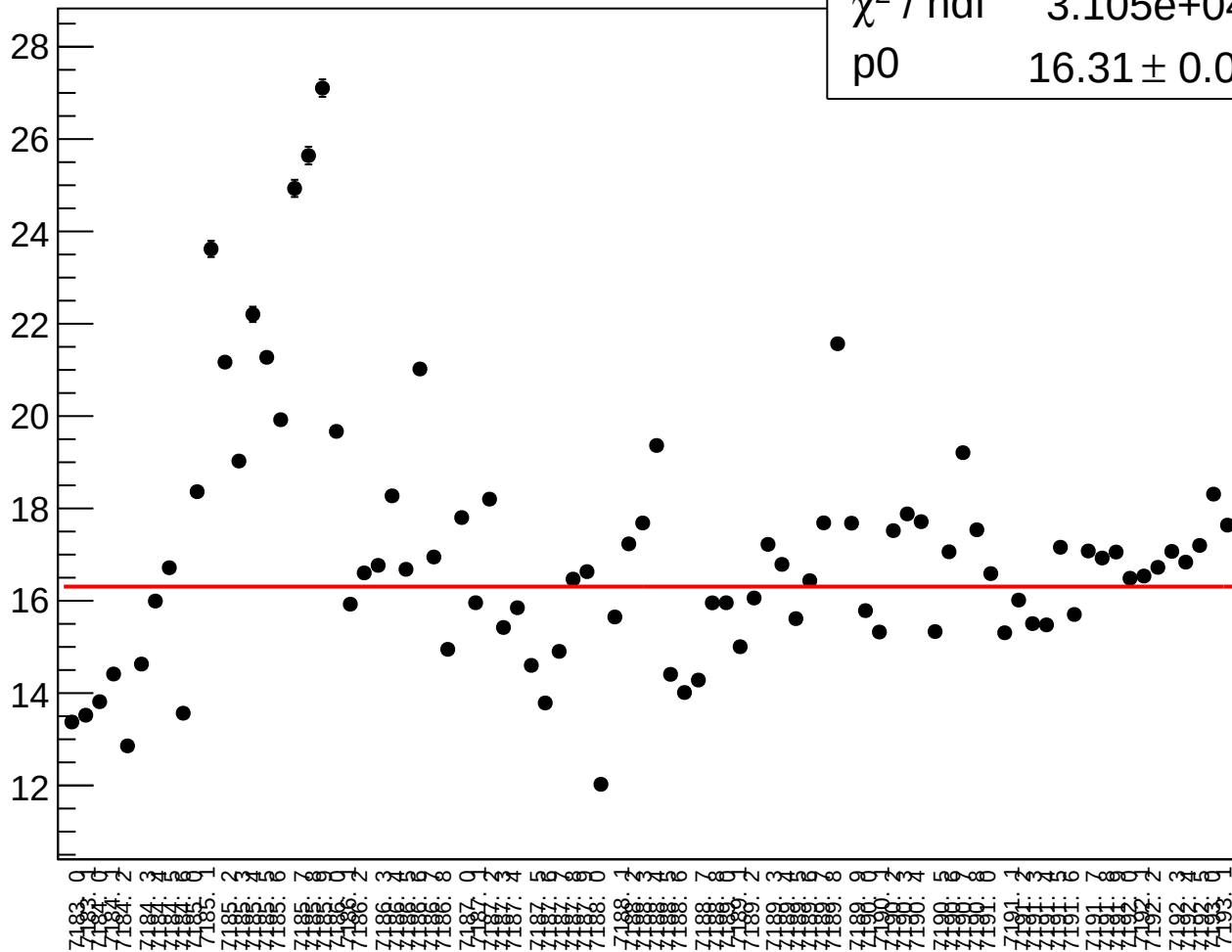


asym_sam1_dit_vs_cor_diff_mean vs run

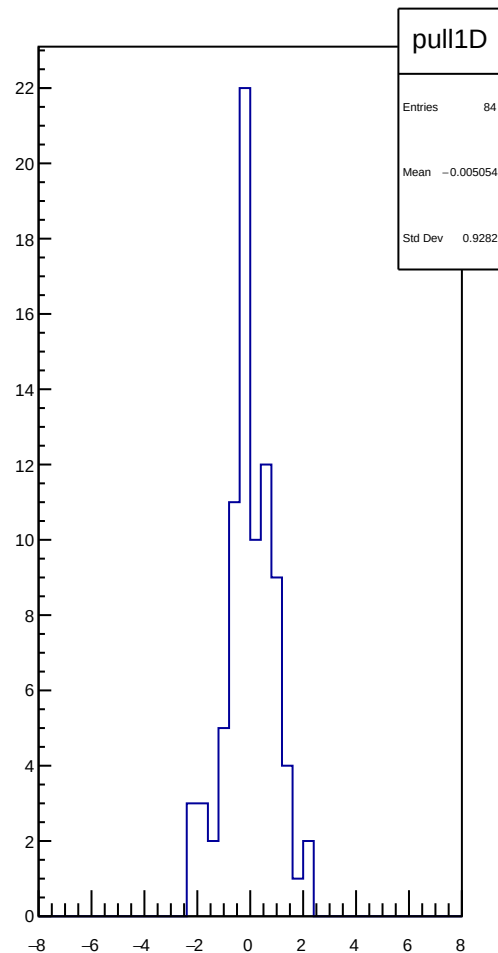
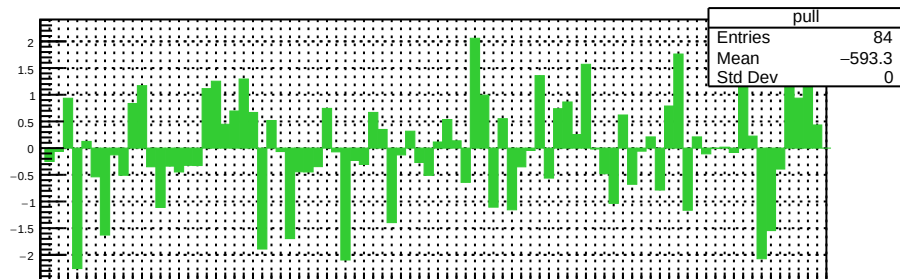
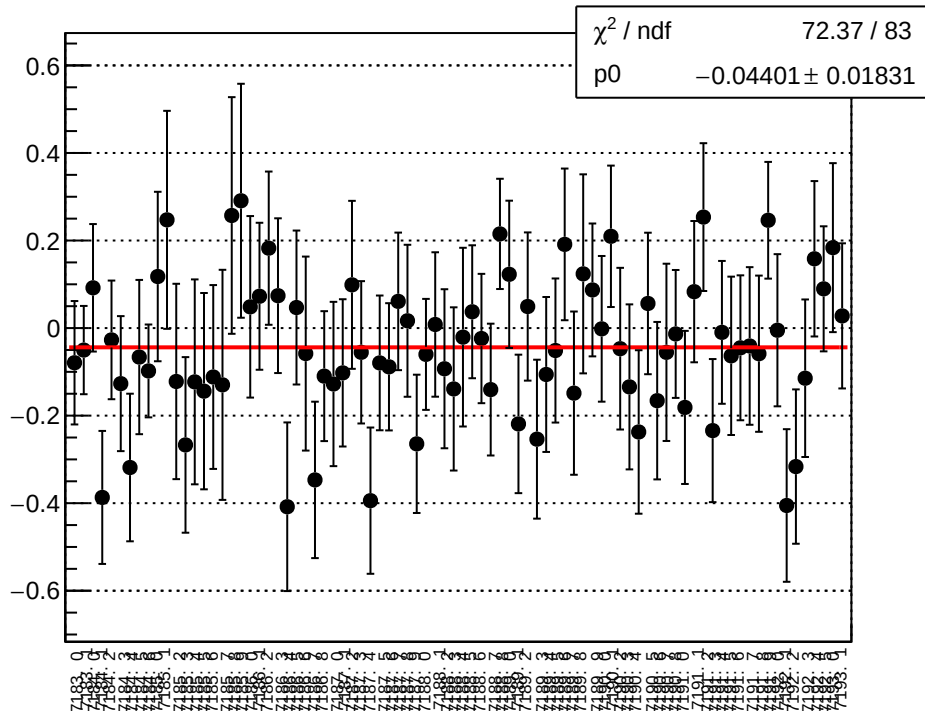


asym_sam1_dit_vs_cor_diff_rms vs run

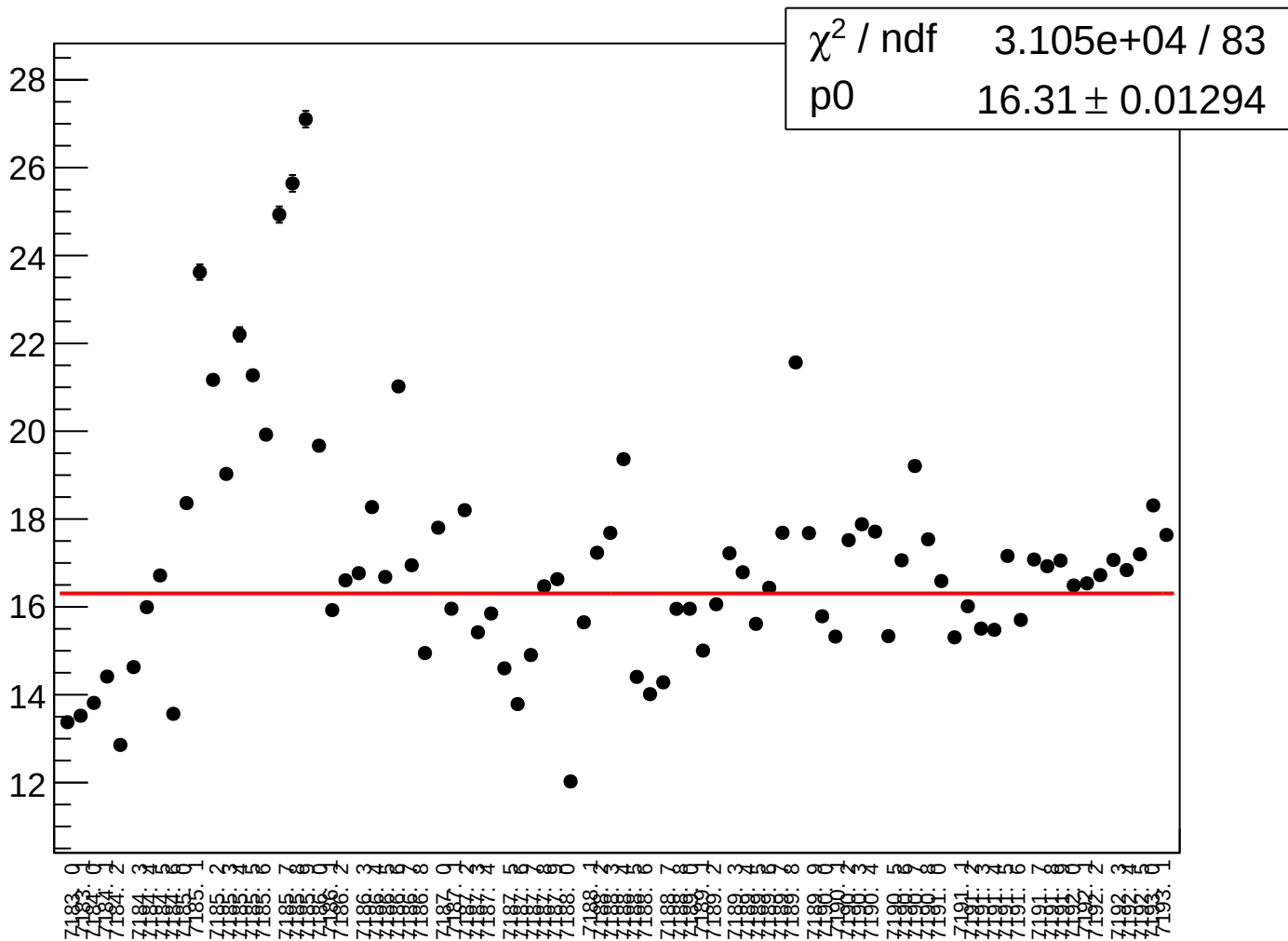
χ^2 / ndf 3.105e+04 / 83
p0 16.31 ± 0.01294



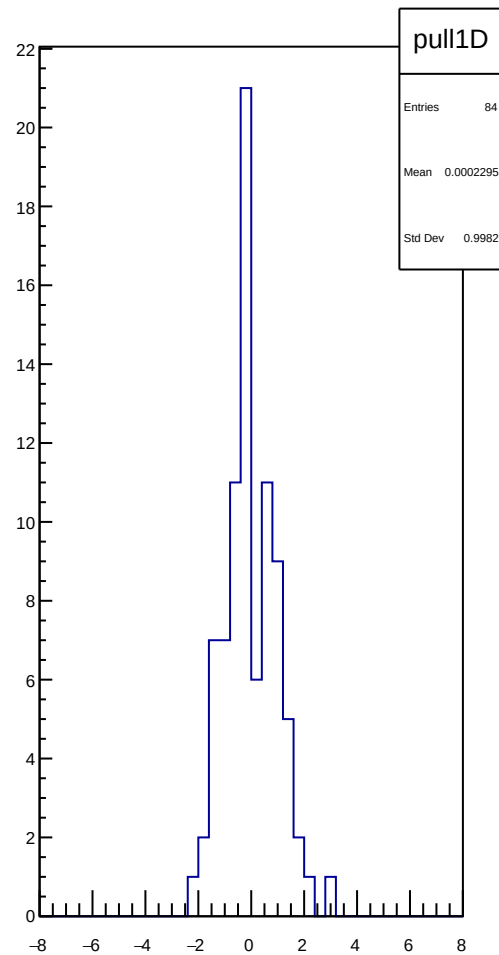
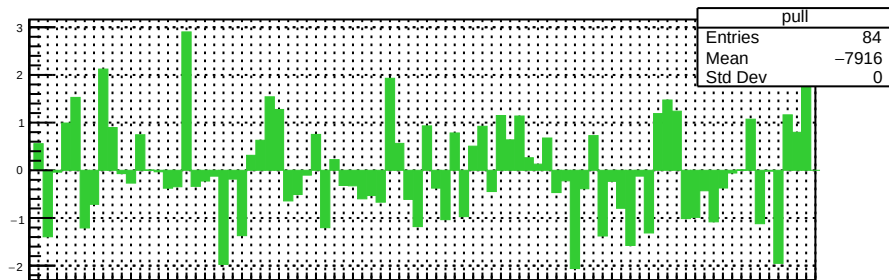
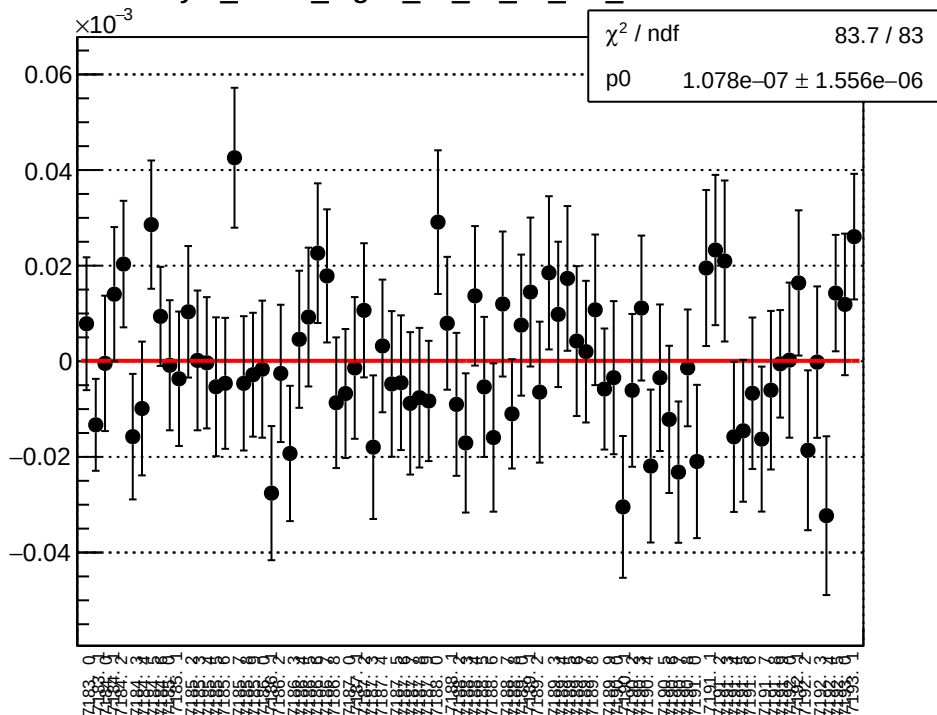
asym_sam1_dit_vs_eigen_cor_diff_mean vs run



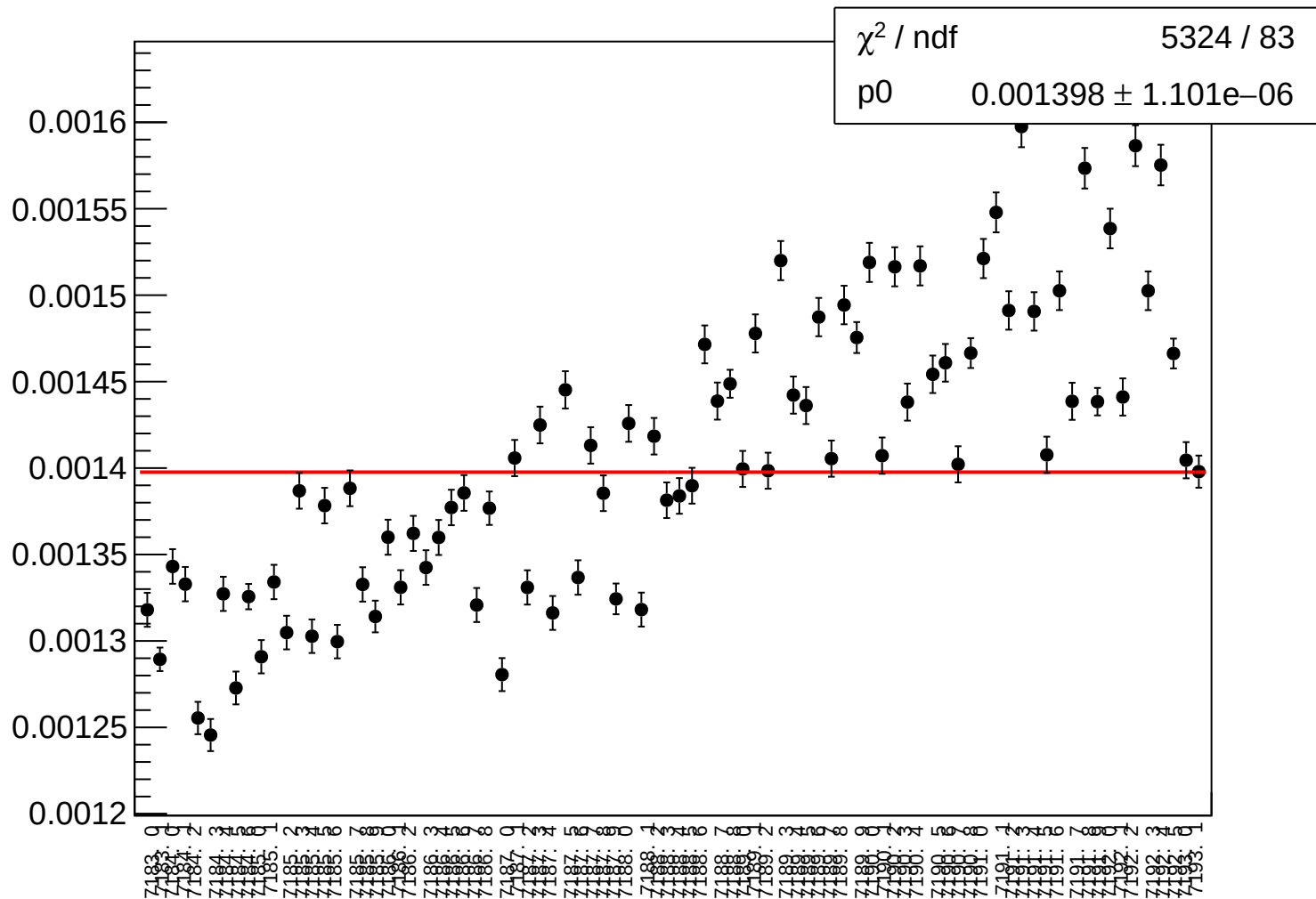
asym_sam1_dit_vs_eigen_cor_diff_rms vs run



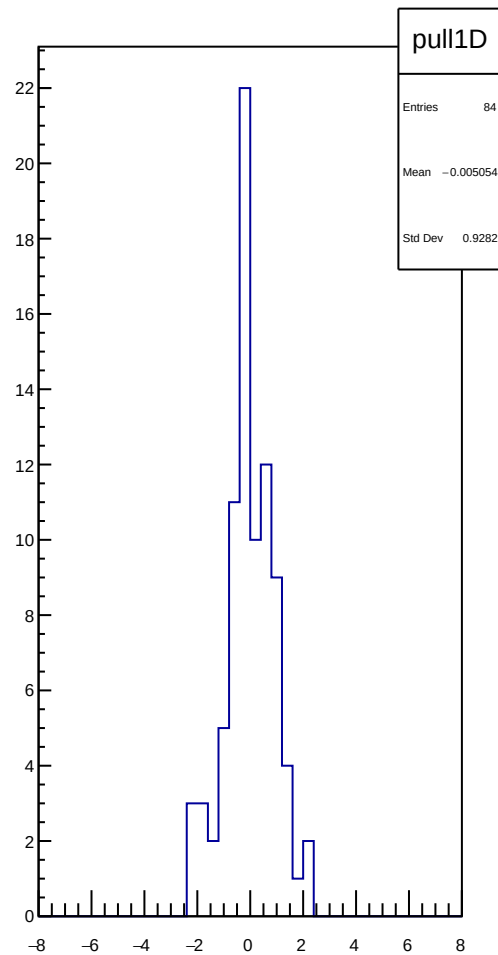
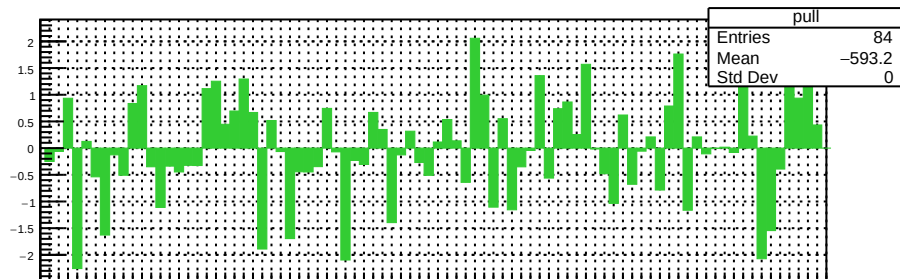
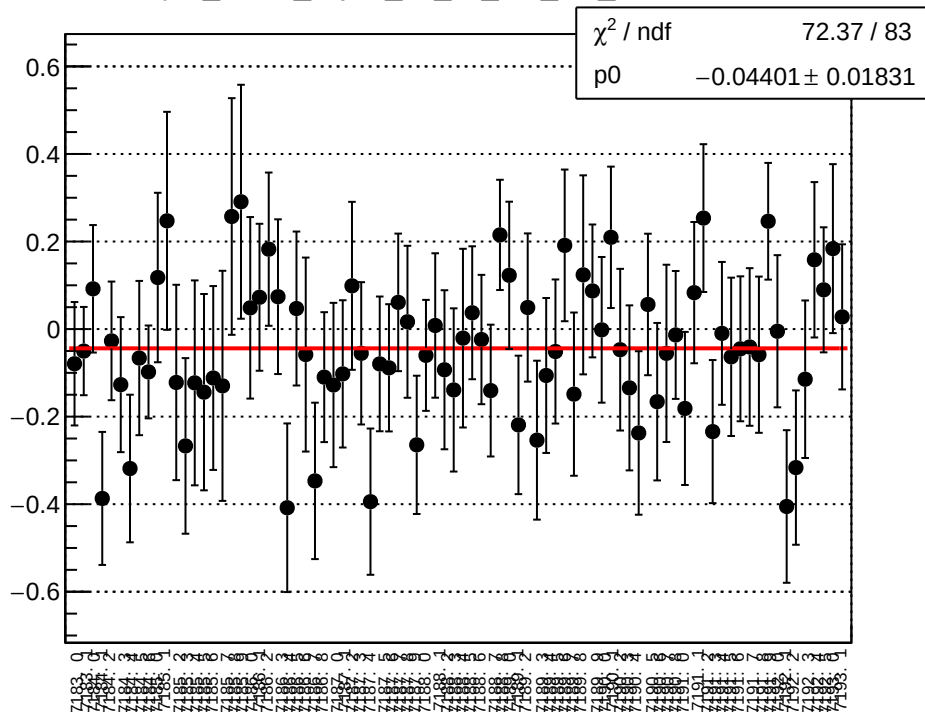
asym_sam1_eigen_dit_vs_dit_diff_mean vs run



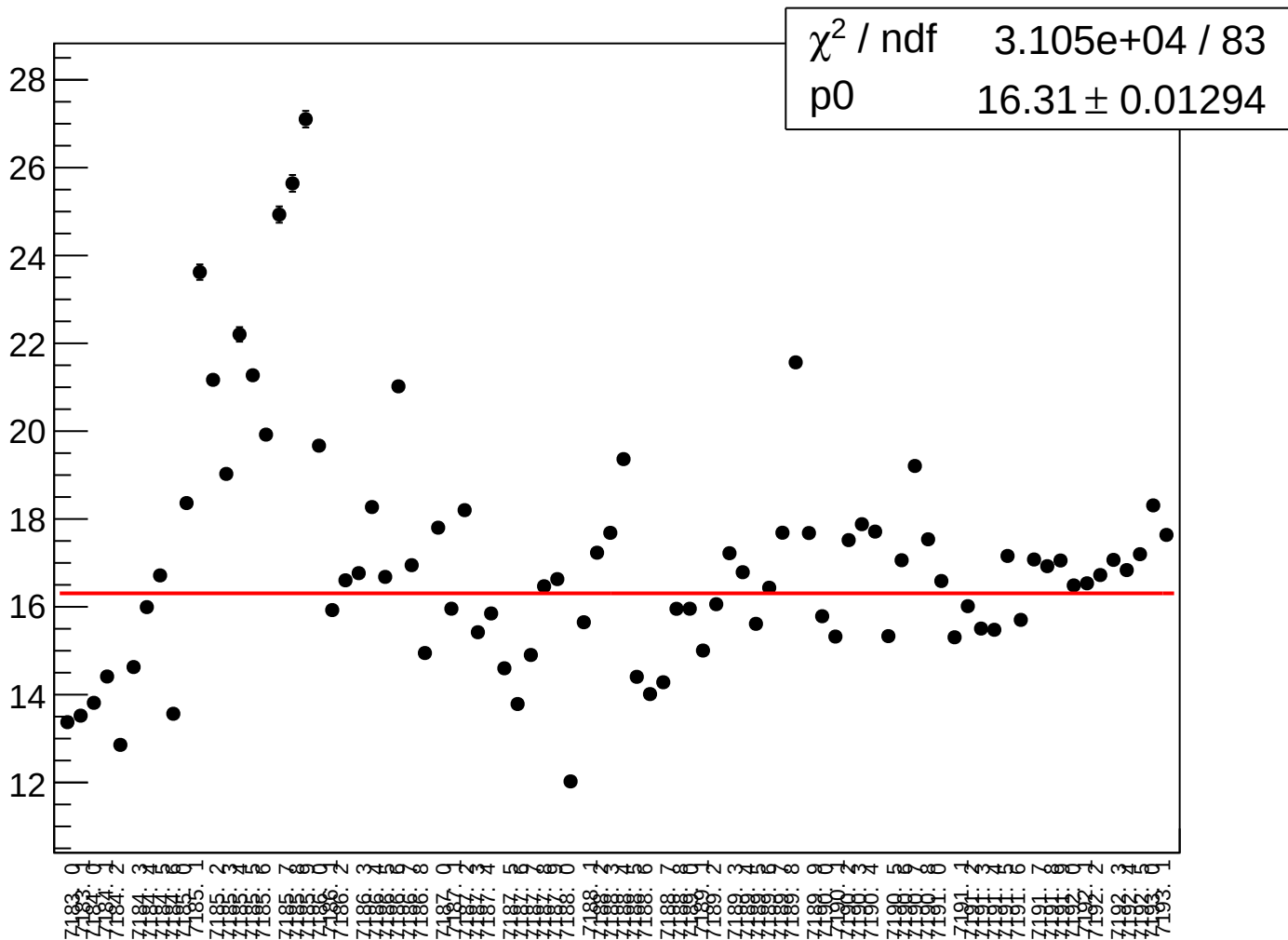
asym_sam1_eigen_dit_vs_dit_diff_rms vs run



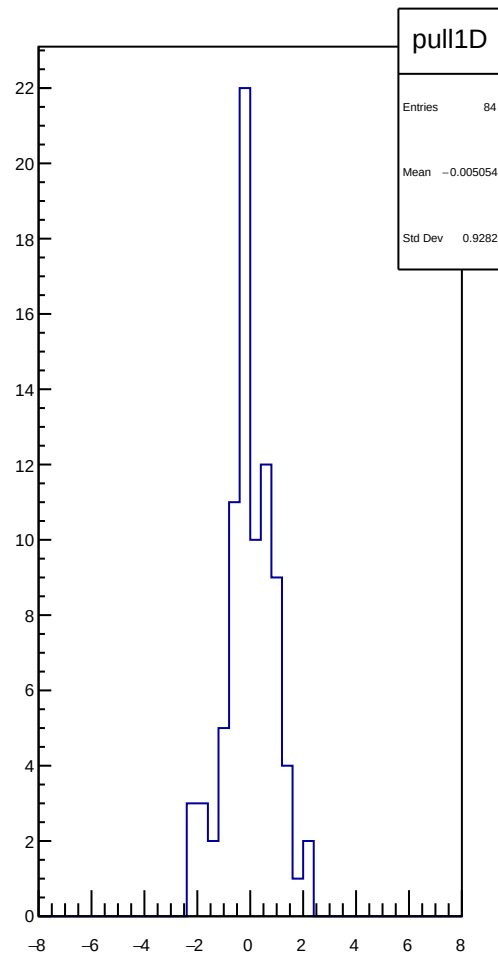
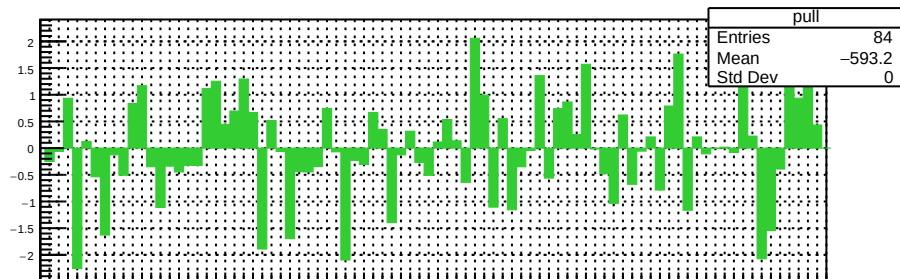
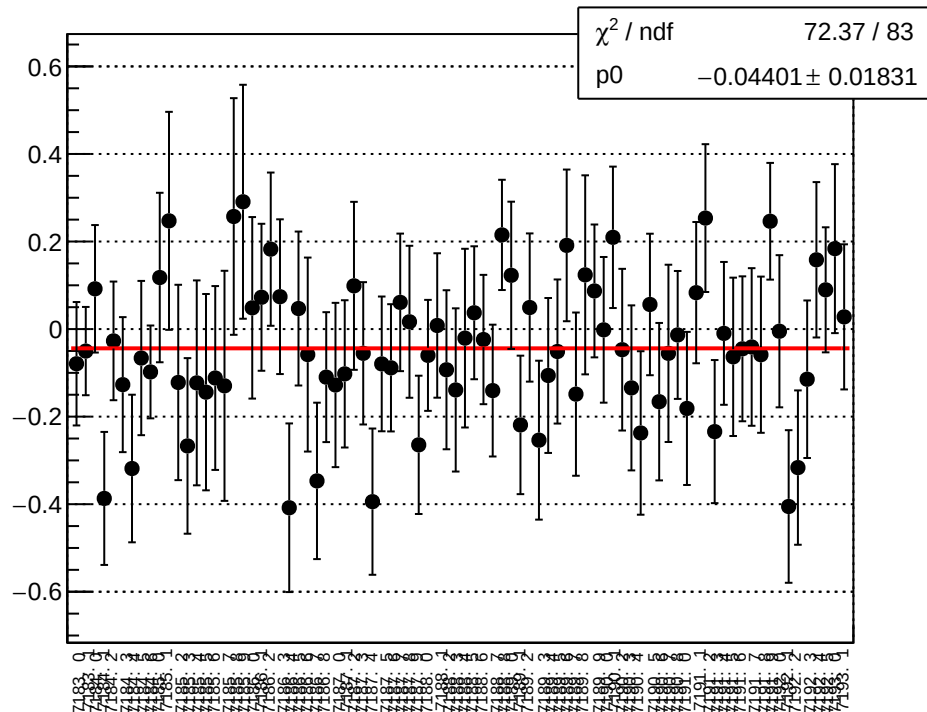
asym_sam1_eigen_dit_vs_cor_diff_mean vs run



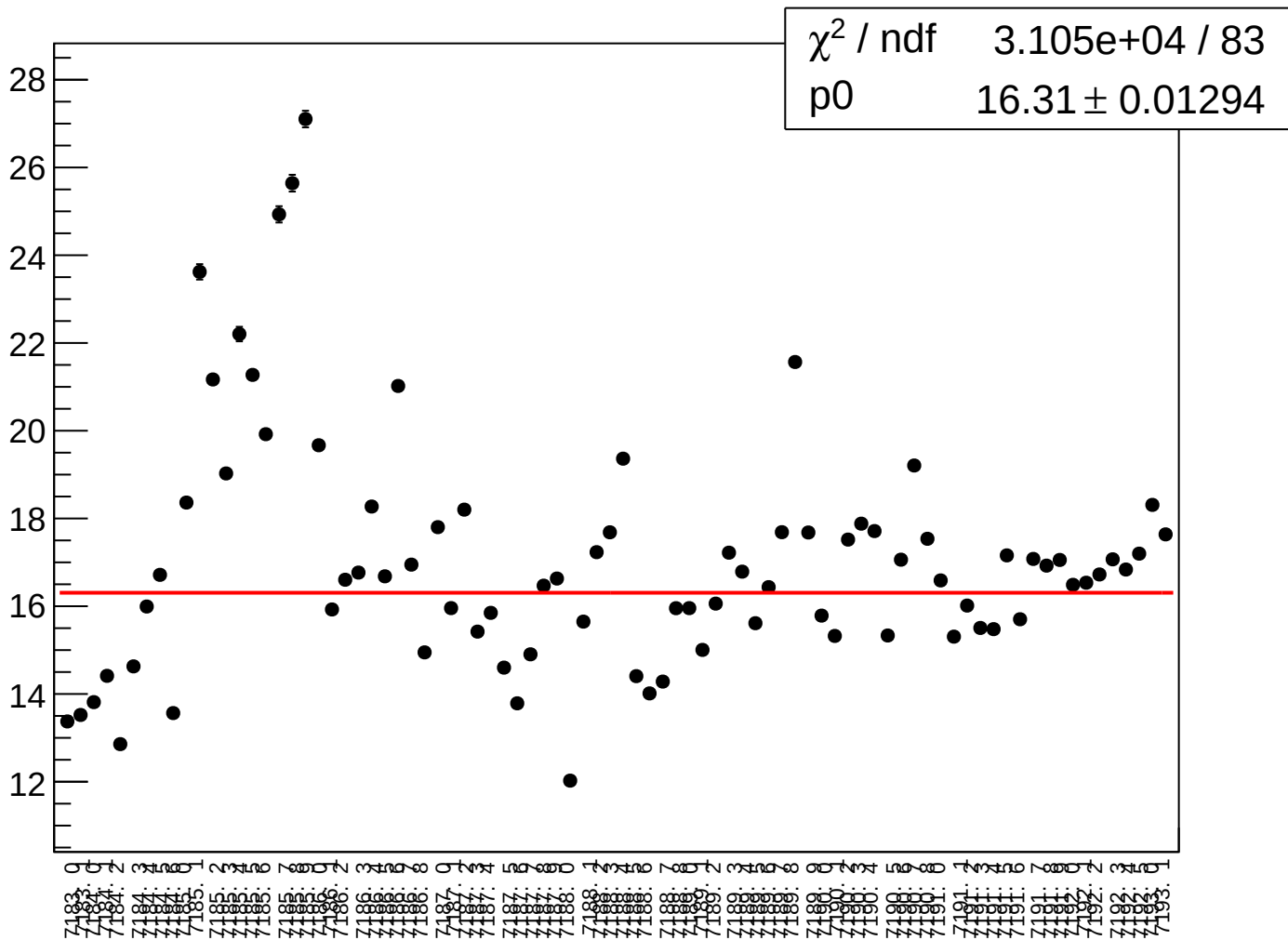
asym_sam1_eigen_dit_vs_cor_diff_rms vs run



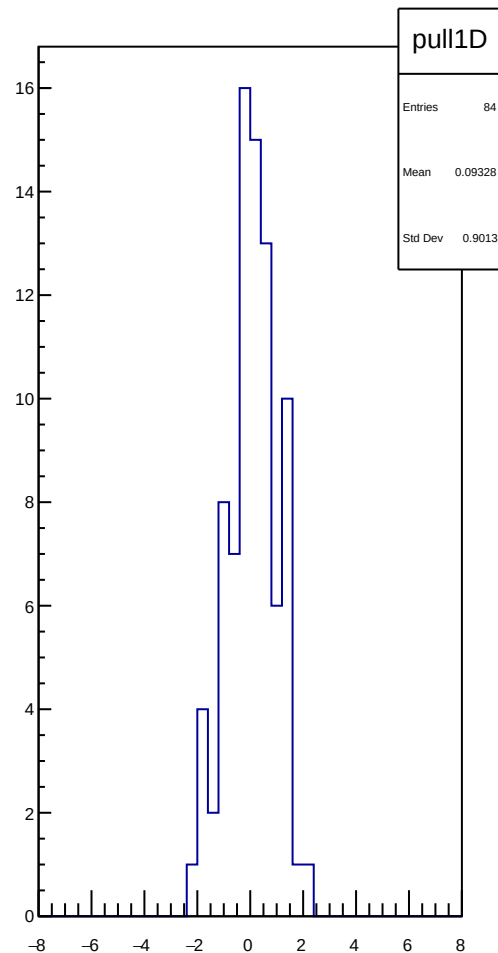
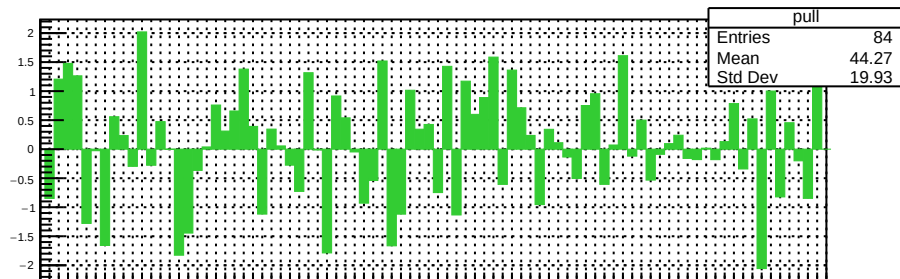
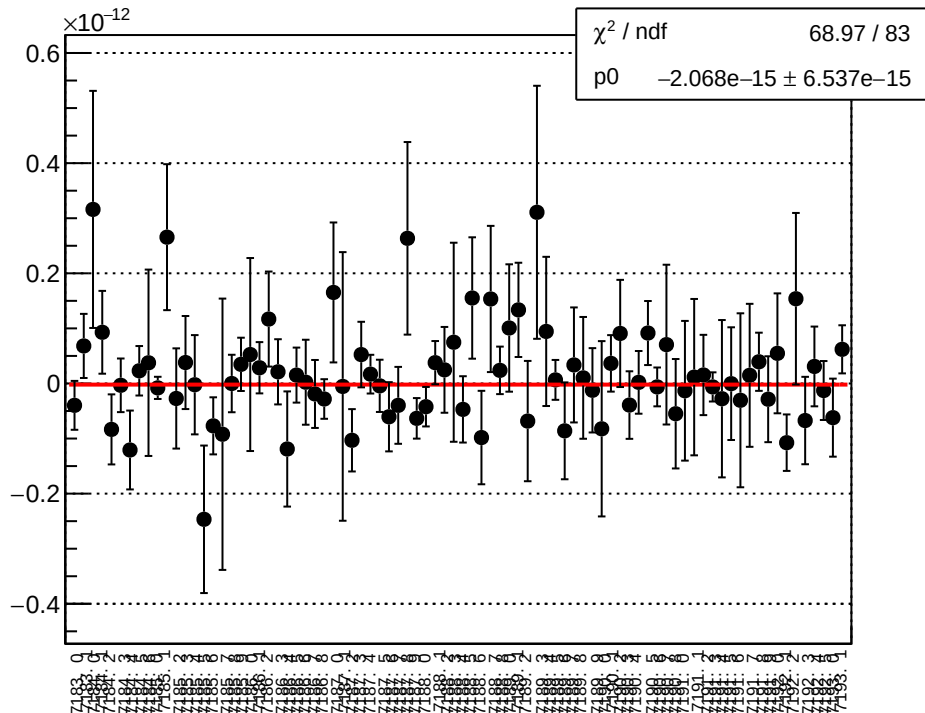
asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs run



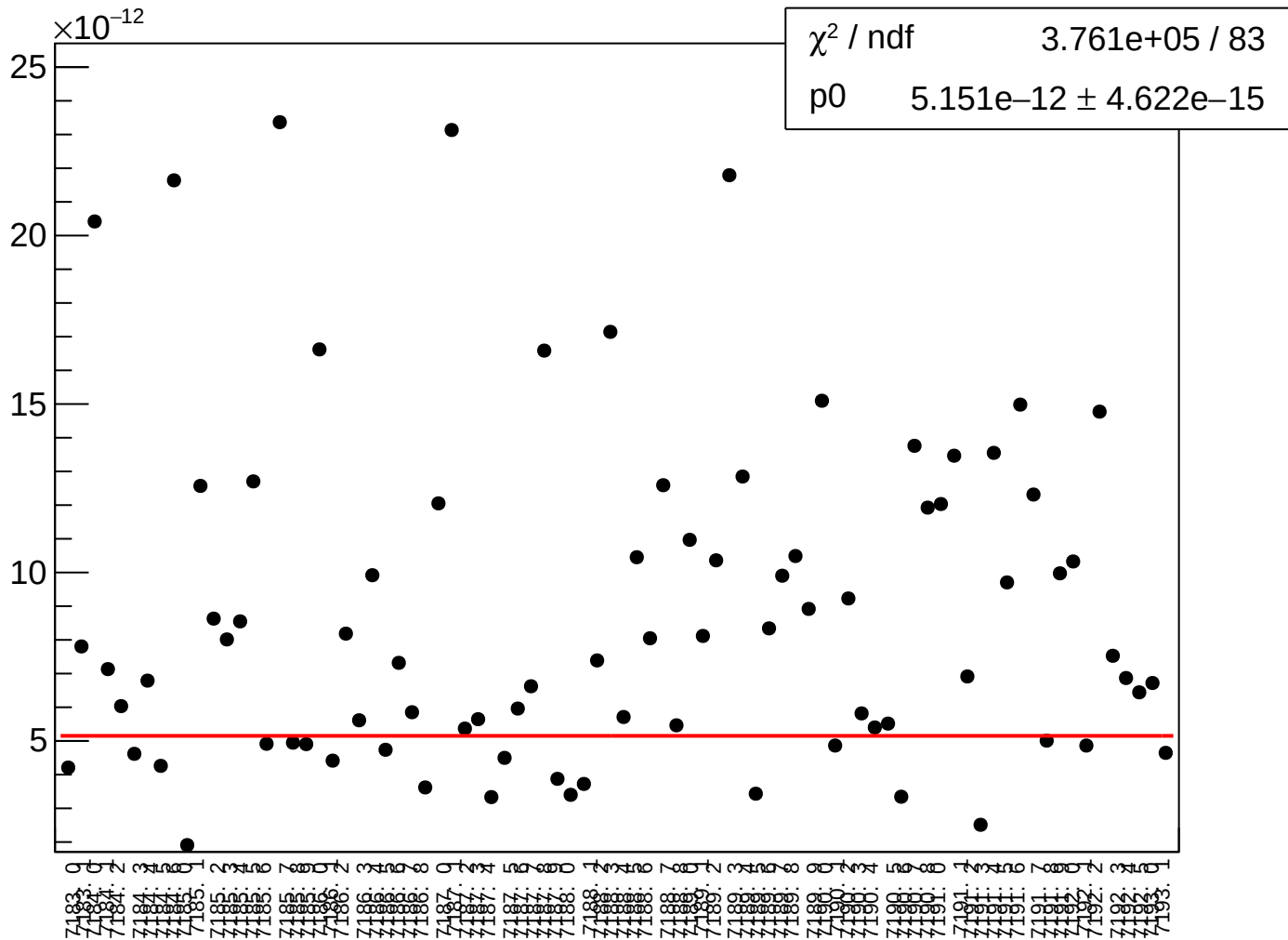
asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs run



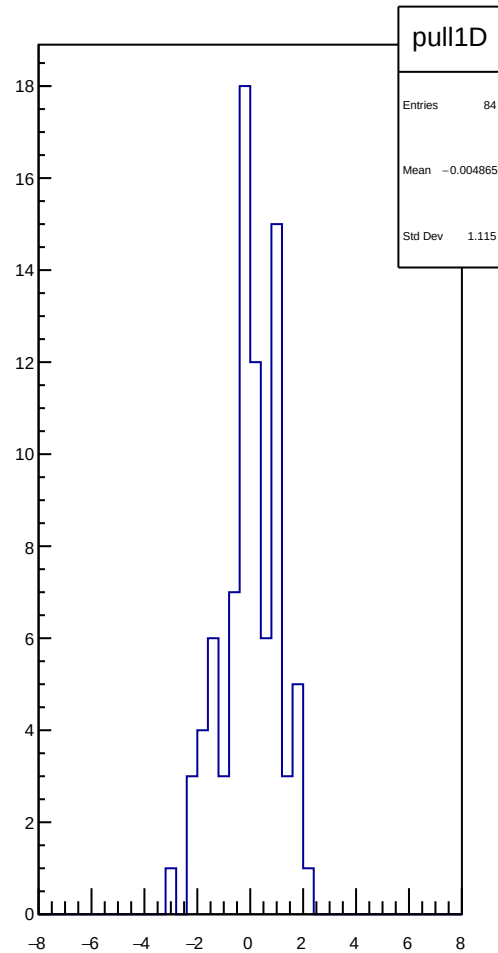
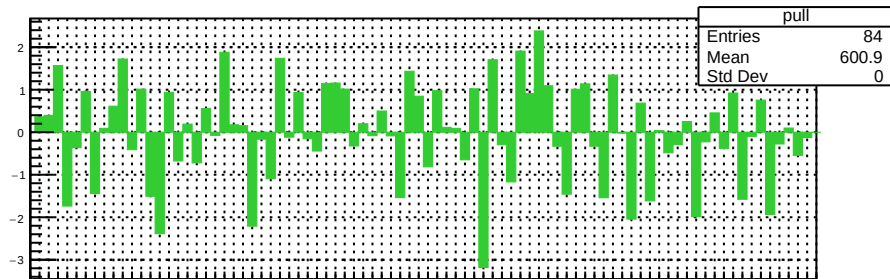
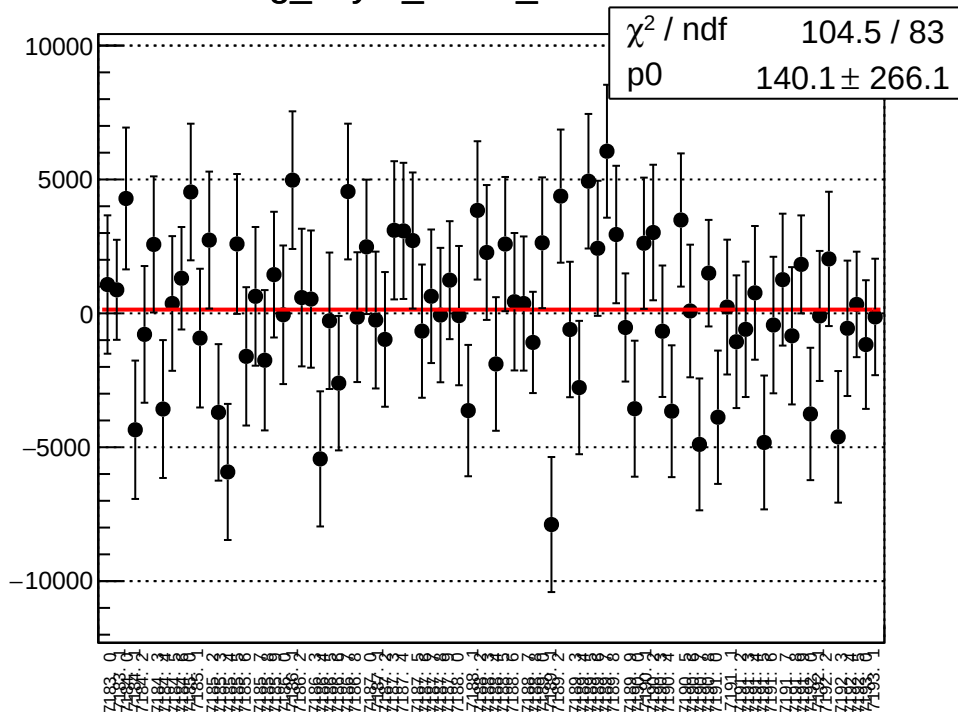
asym_sam1_eigen_cor_vs_cor_diff_mean vs run



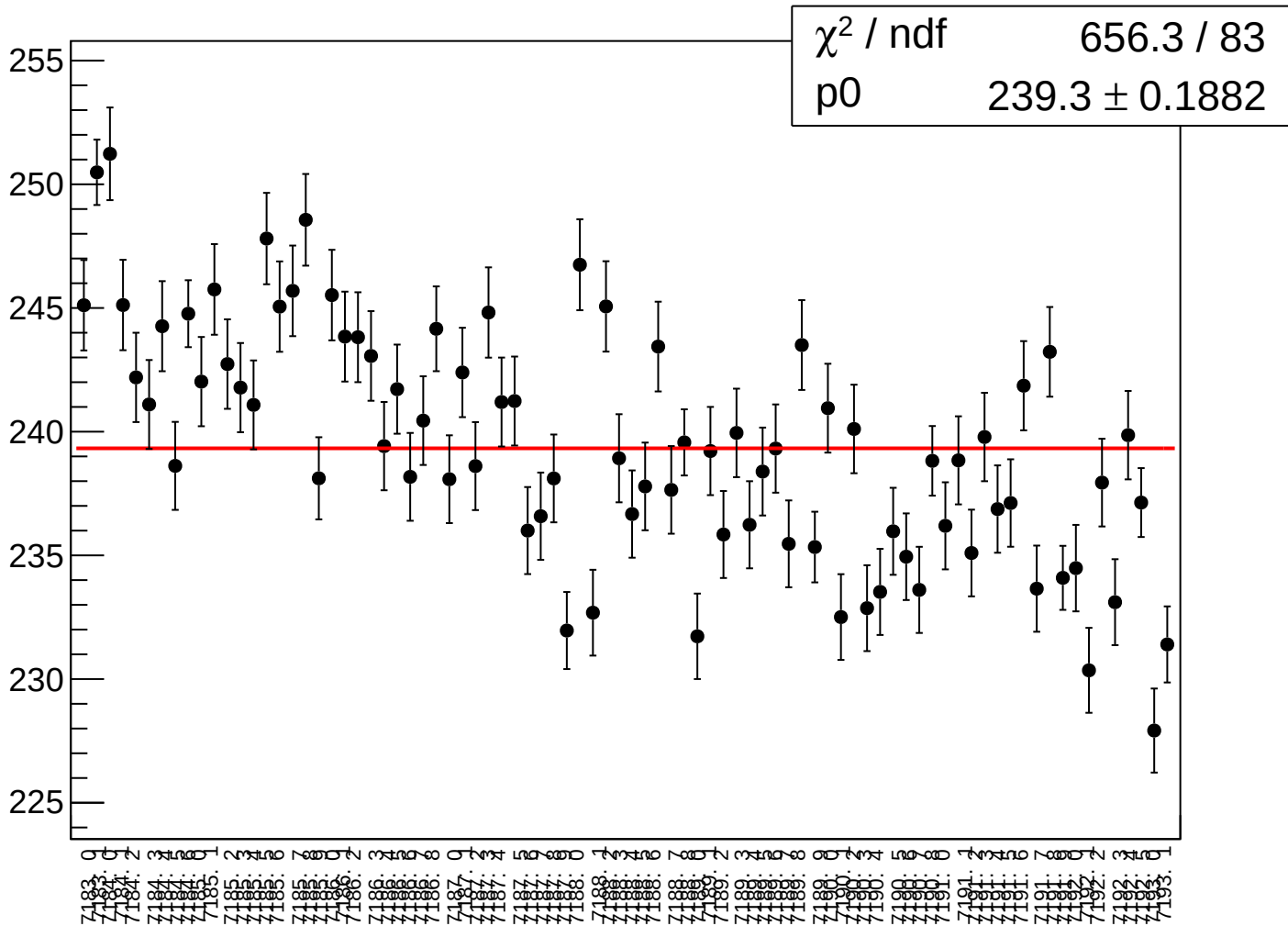
asym_sam1_eigen_cor_vs_cor_diff_rms vs run



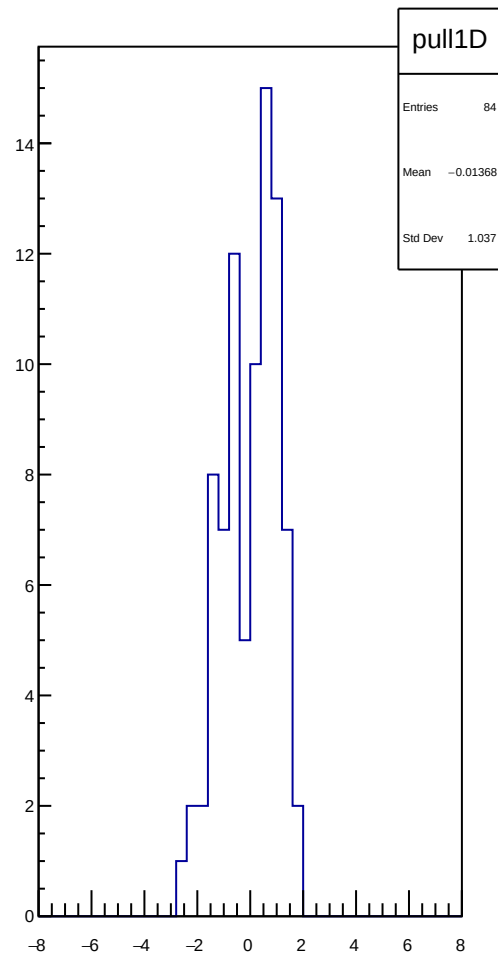
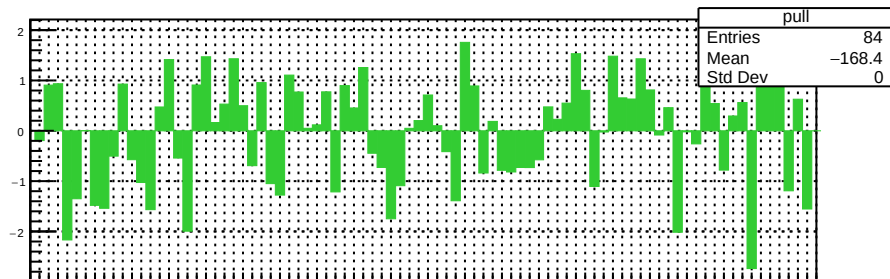
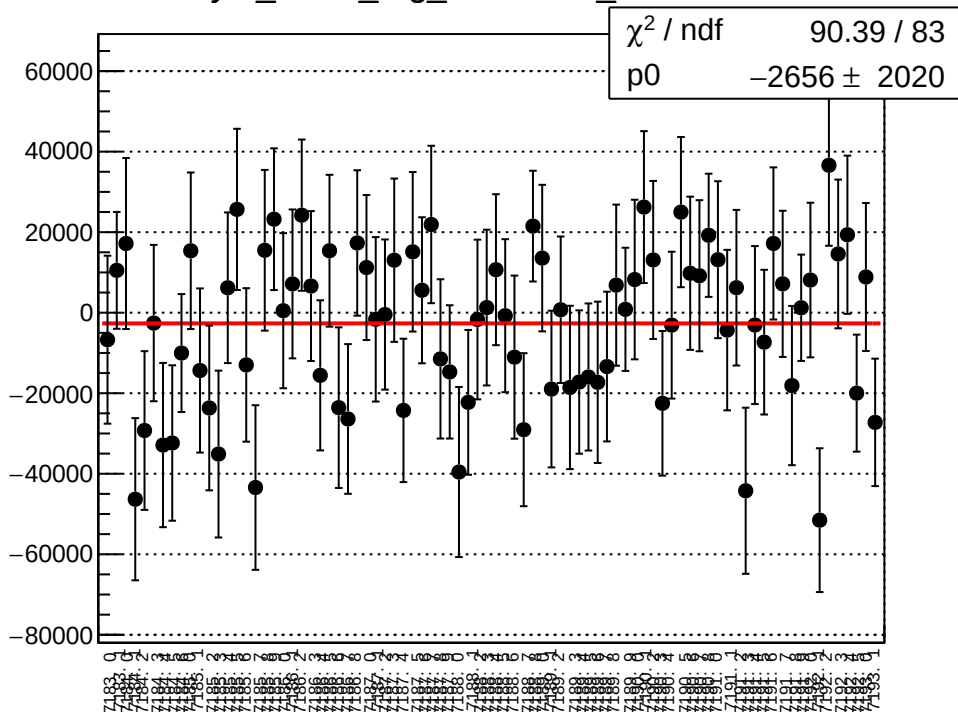
reg_asym_sam2_mean vs run



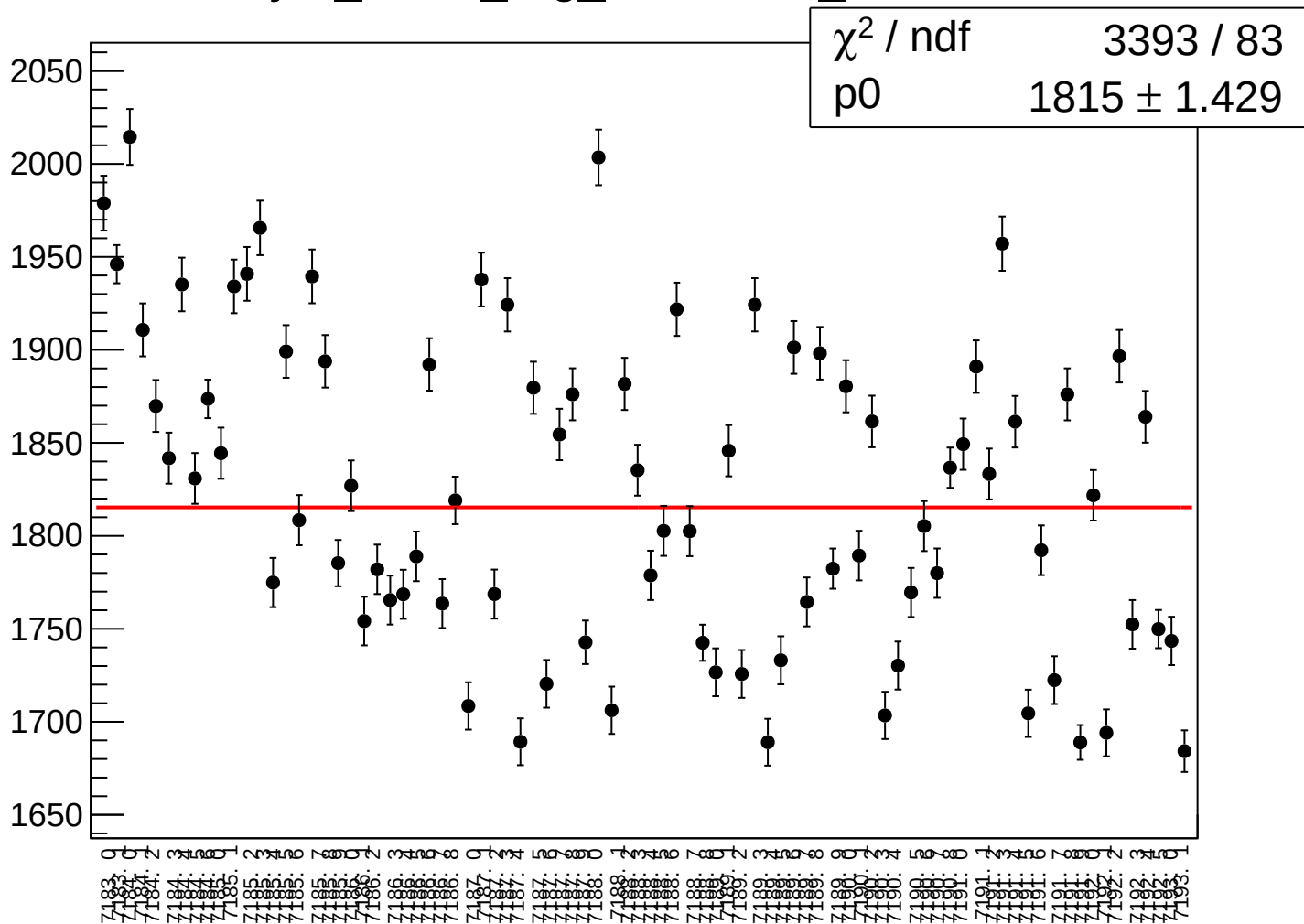
reg_asym_sam2_rms vs run



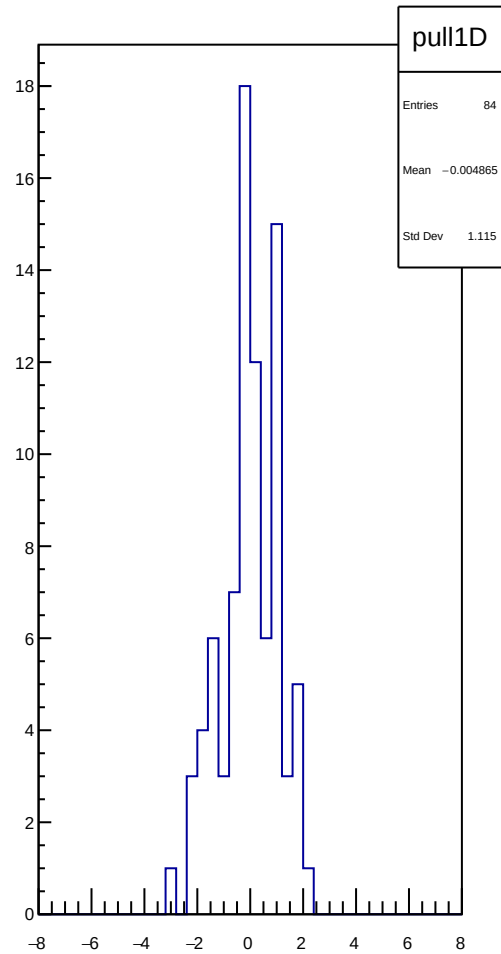
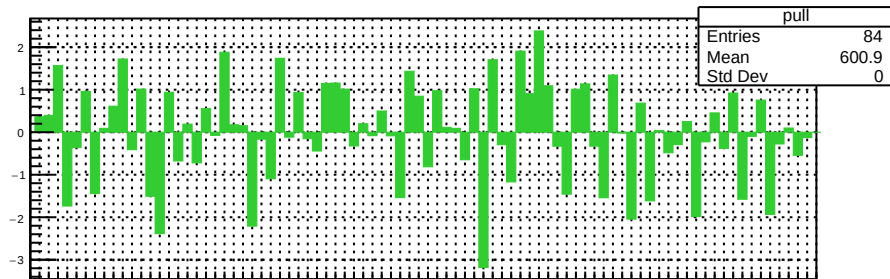
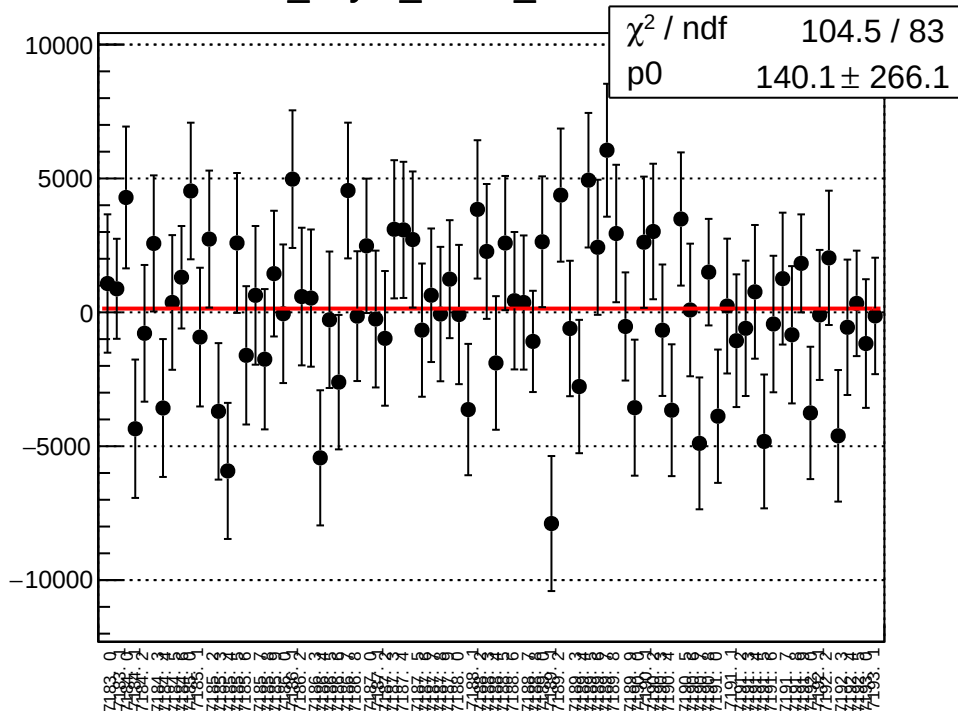
asym_sam2_reg_correction_mean vs run



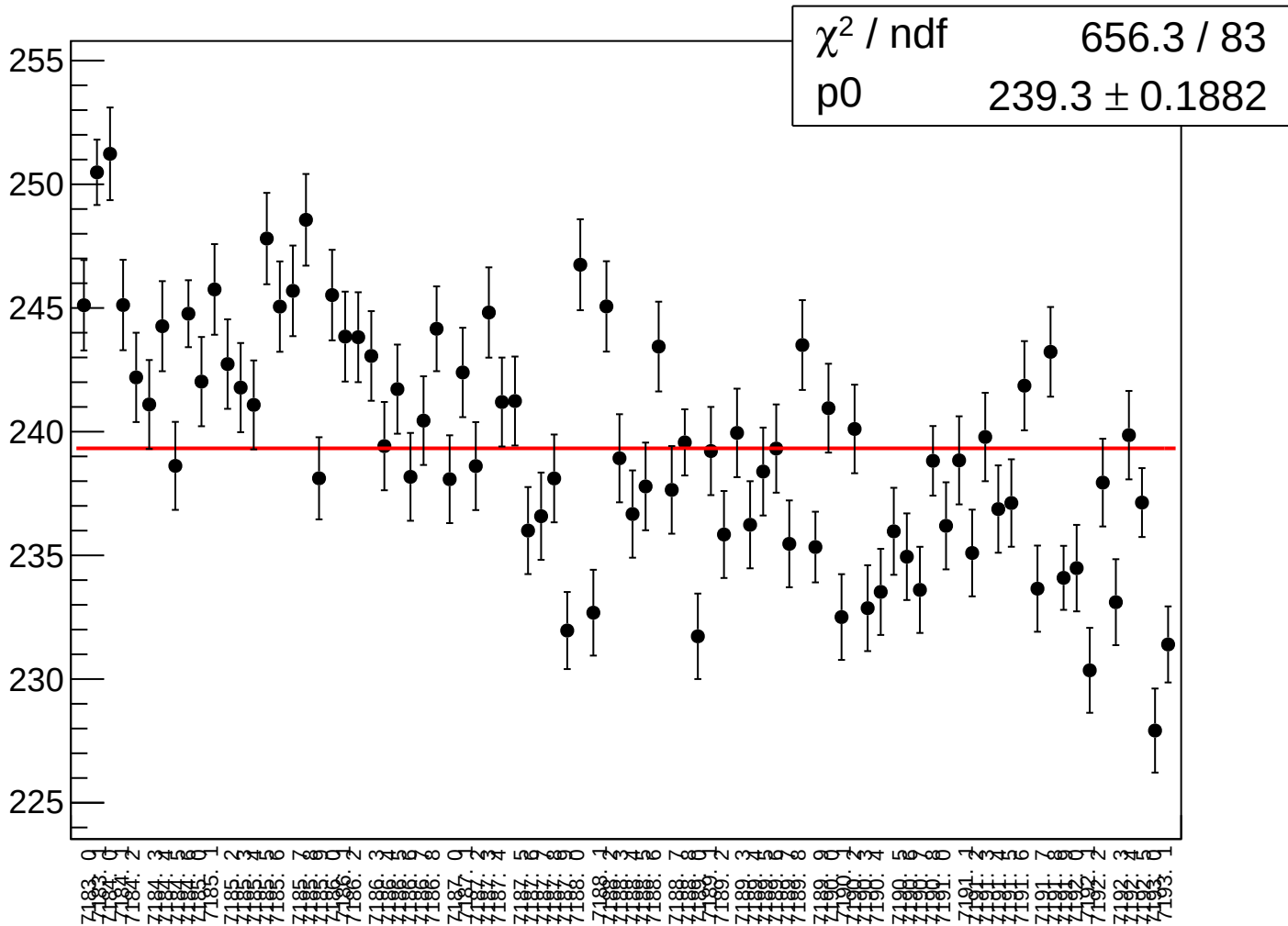
asym_sam2_reg_correction_rms vs run



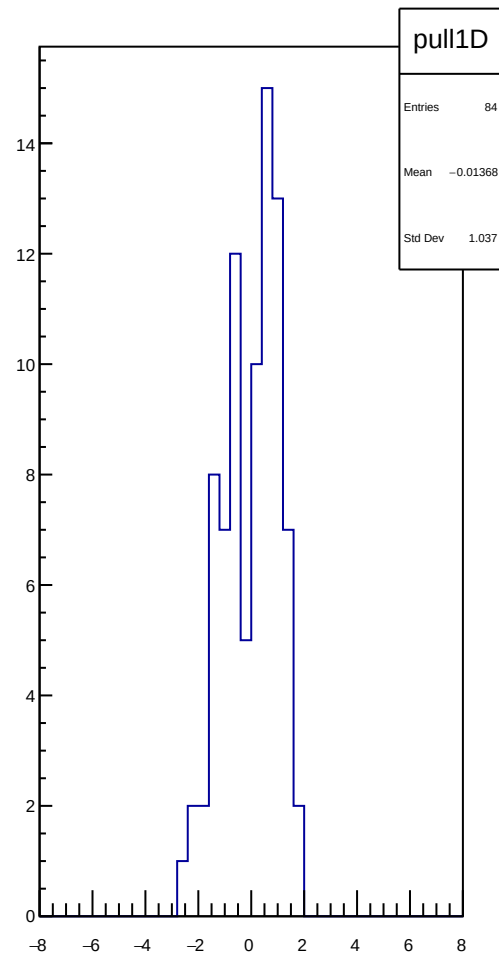
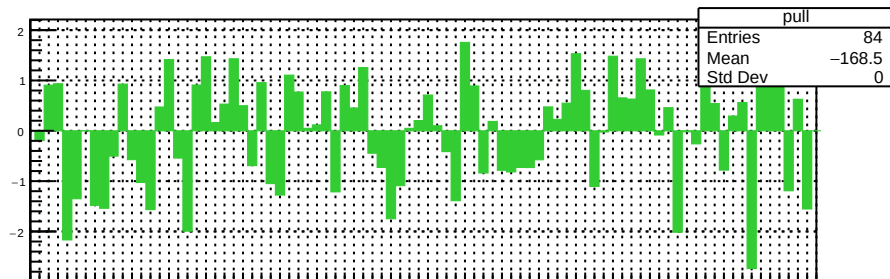
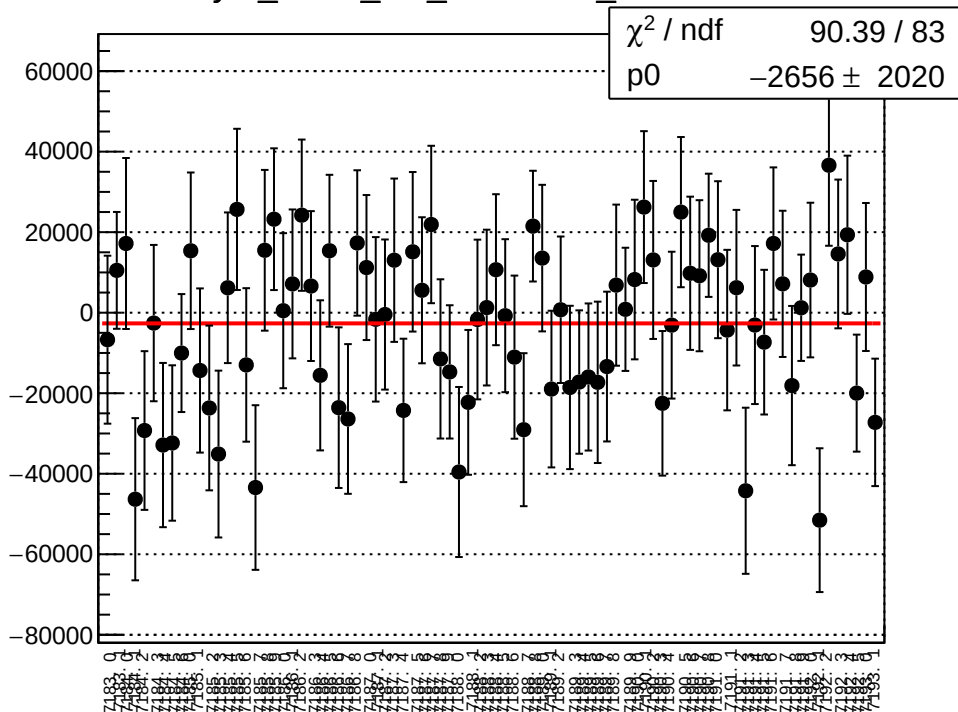
cor_asym_sam2_mean vs run



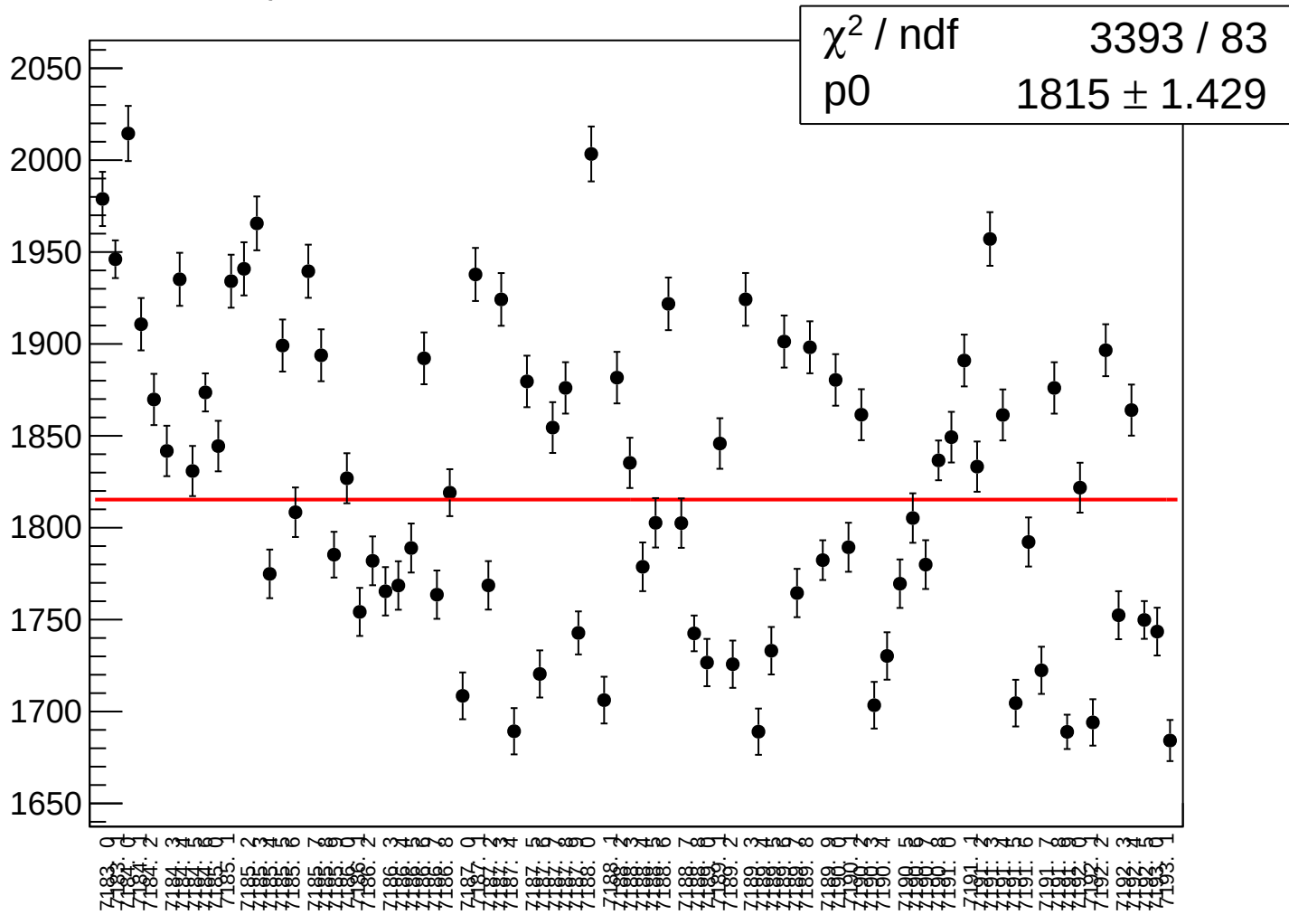
cor_asym_sam2_rms vs run



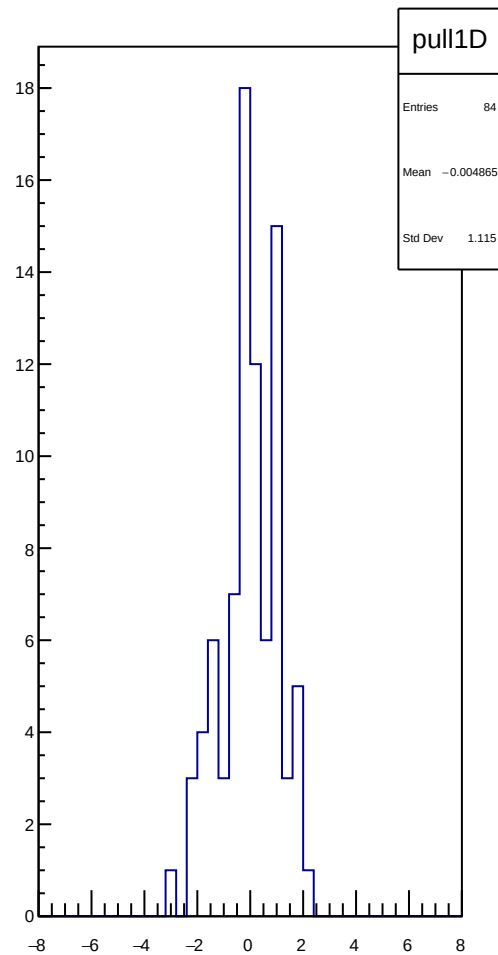
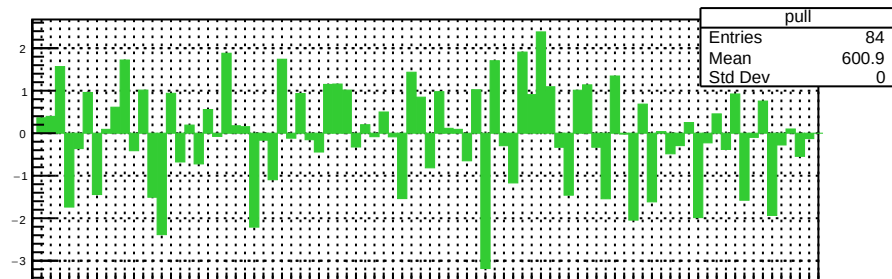
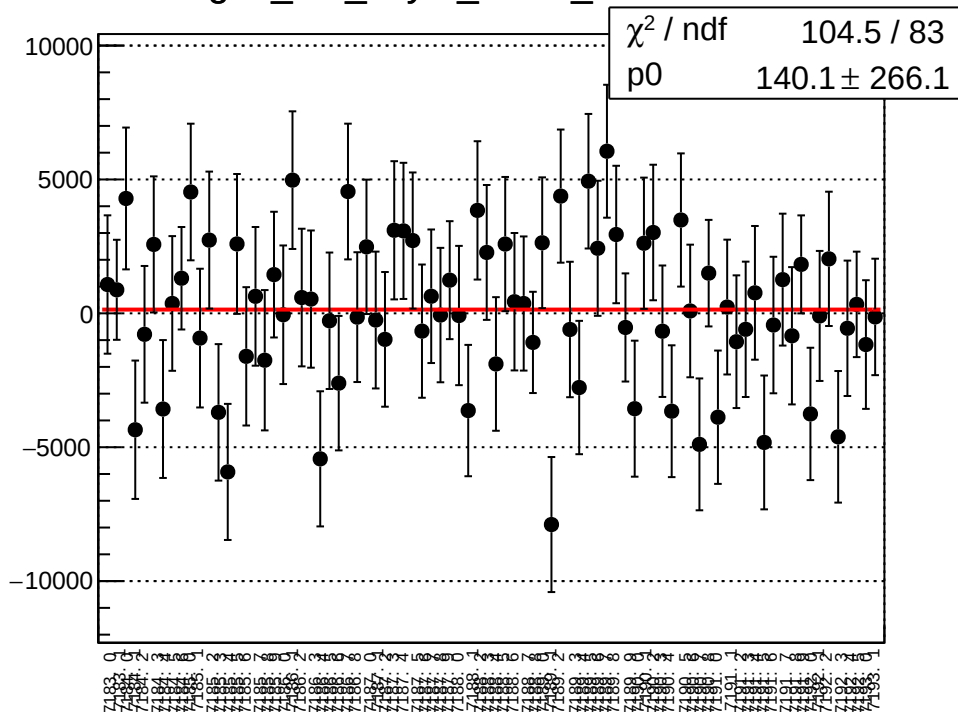
asym_sam2_cor_correction_mean vs run



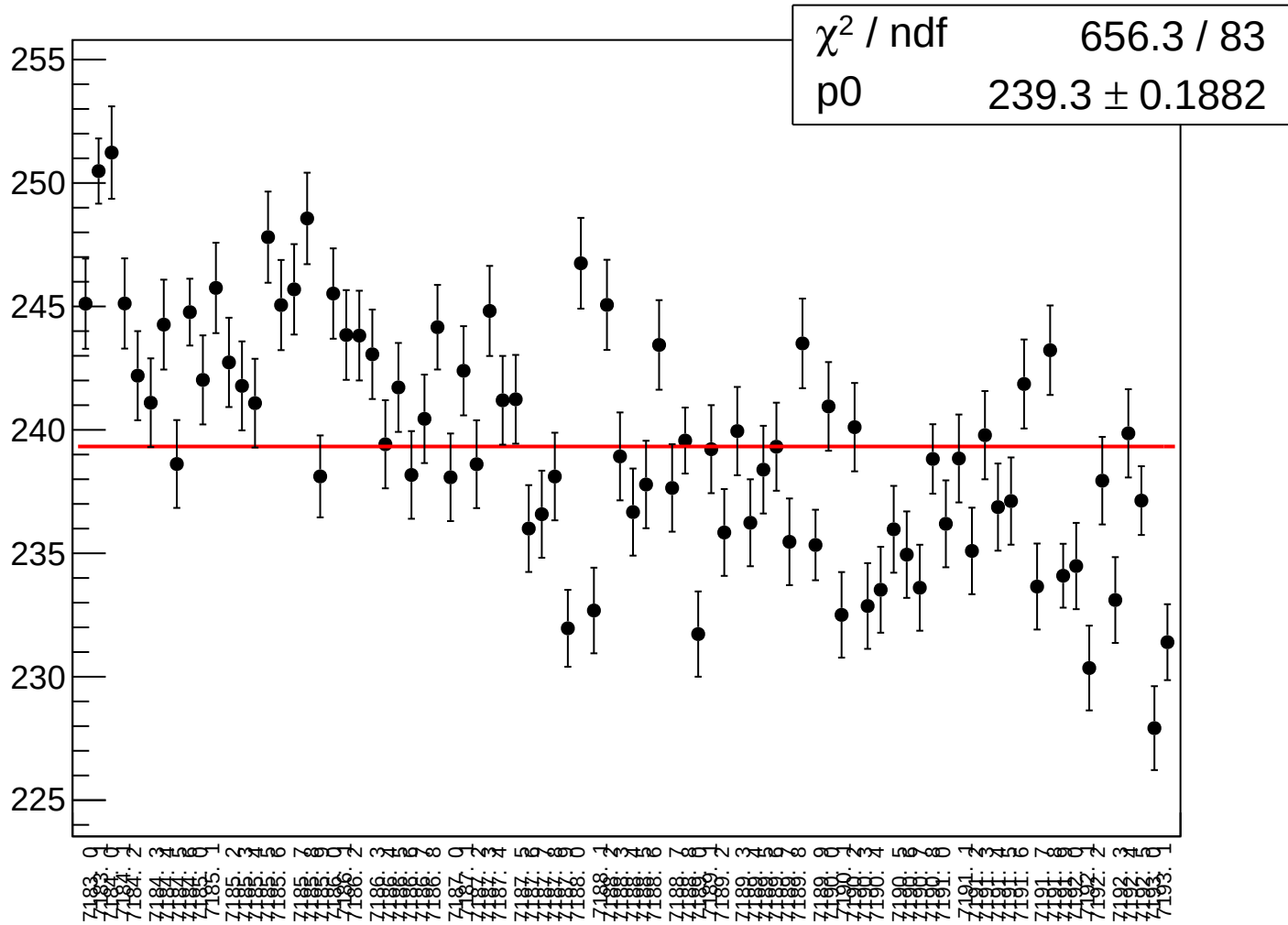
asym_sam2_cor_correction_rms vs run



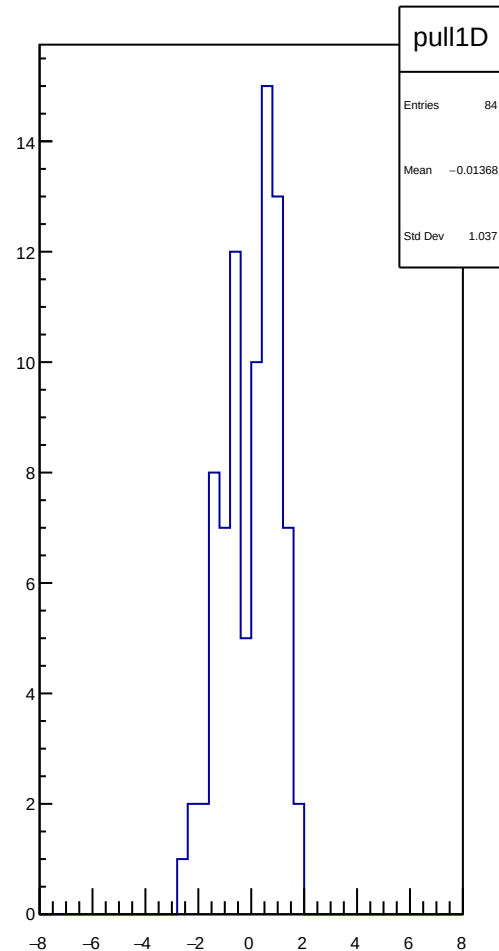
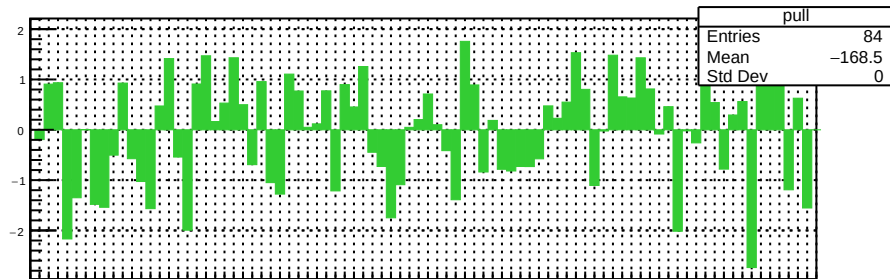
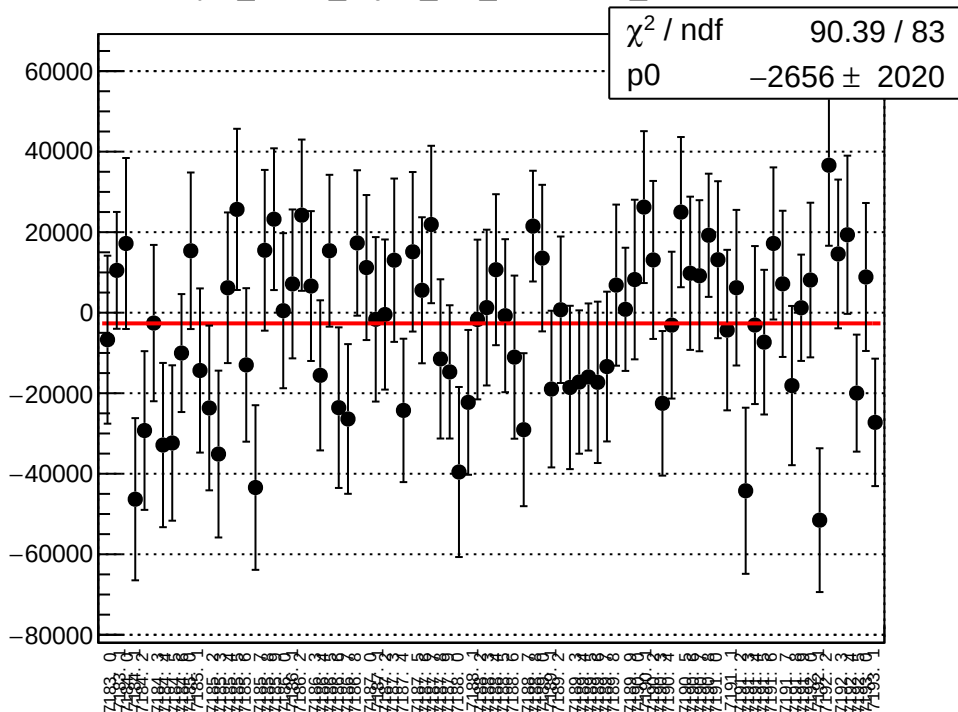
eigen_cor_asym_sam2_mean vs run



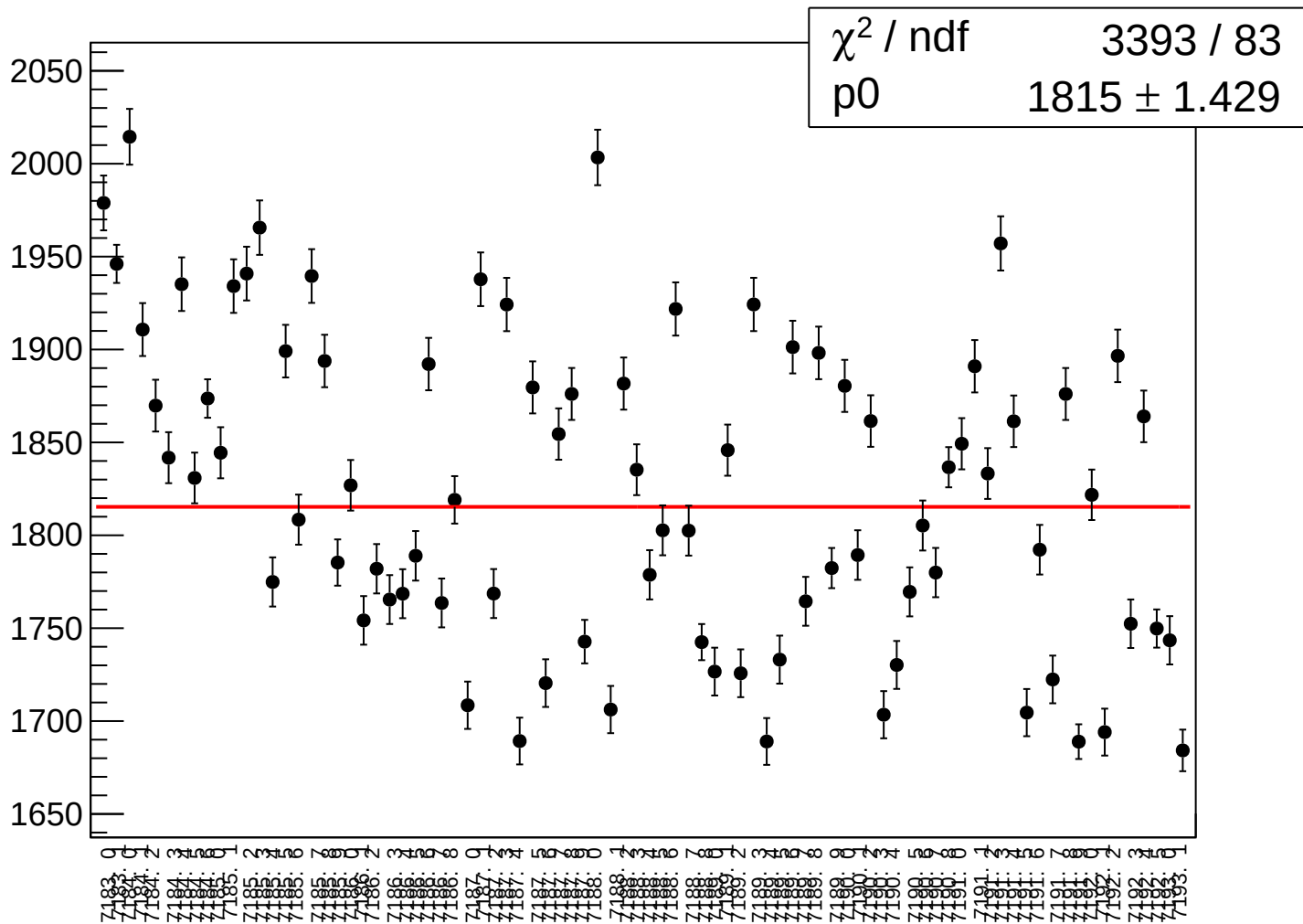
eigen_cor_asym_sam2_rms vs run



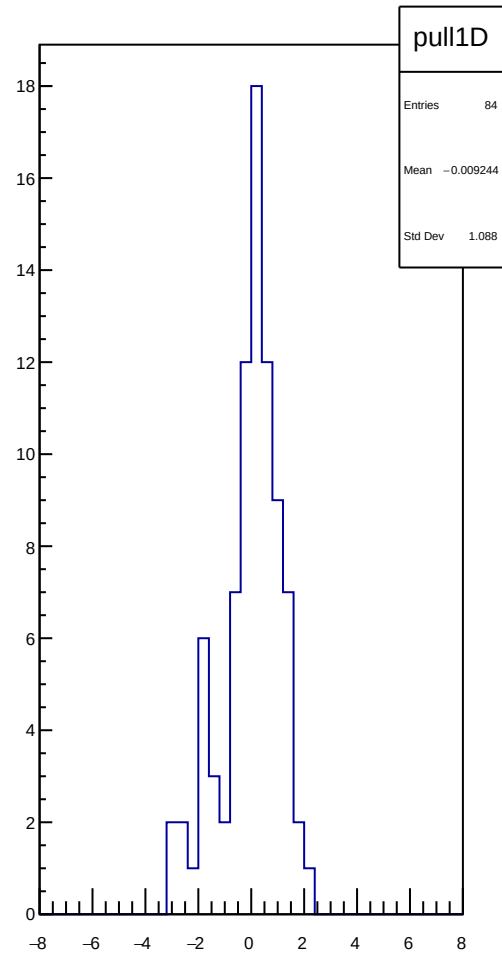
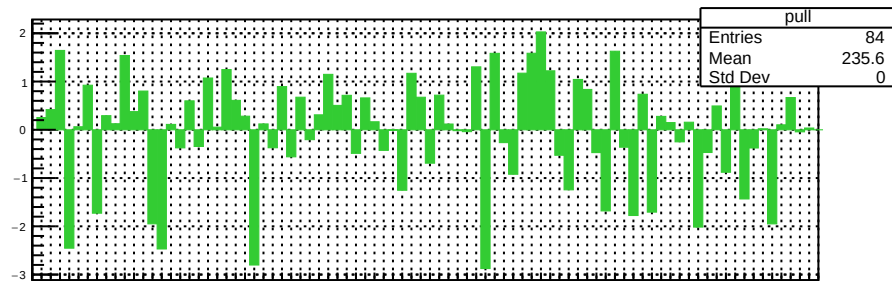
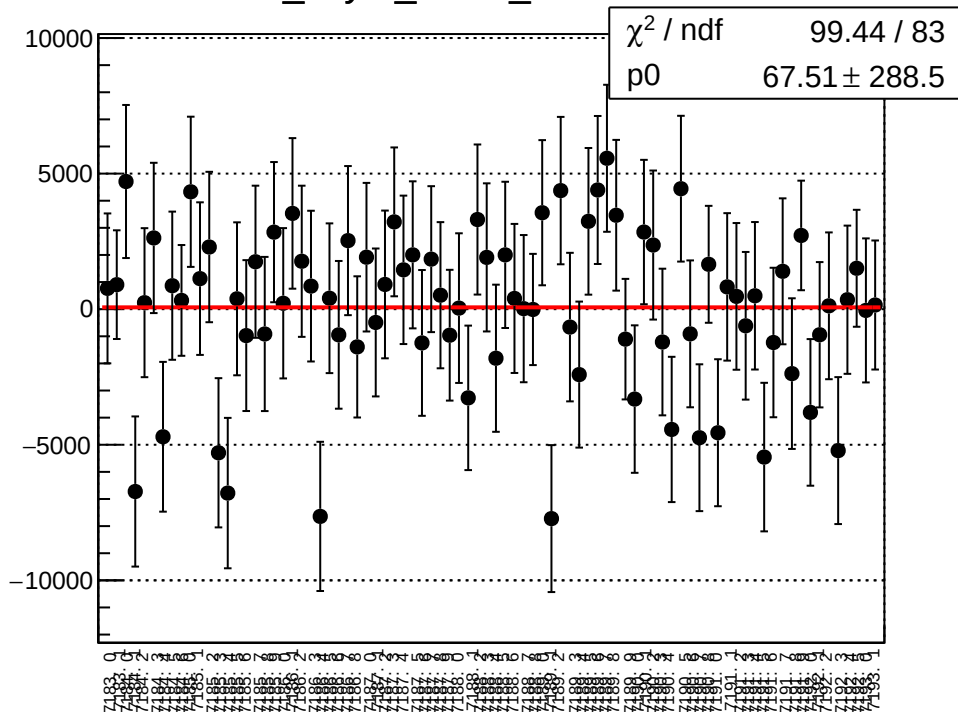
asym_sam2_eigen_cor_correction_mean vs run



asym_sam2_eigen_cor_correction_rms vs run



dit_asym_sam2_mean vs run



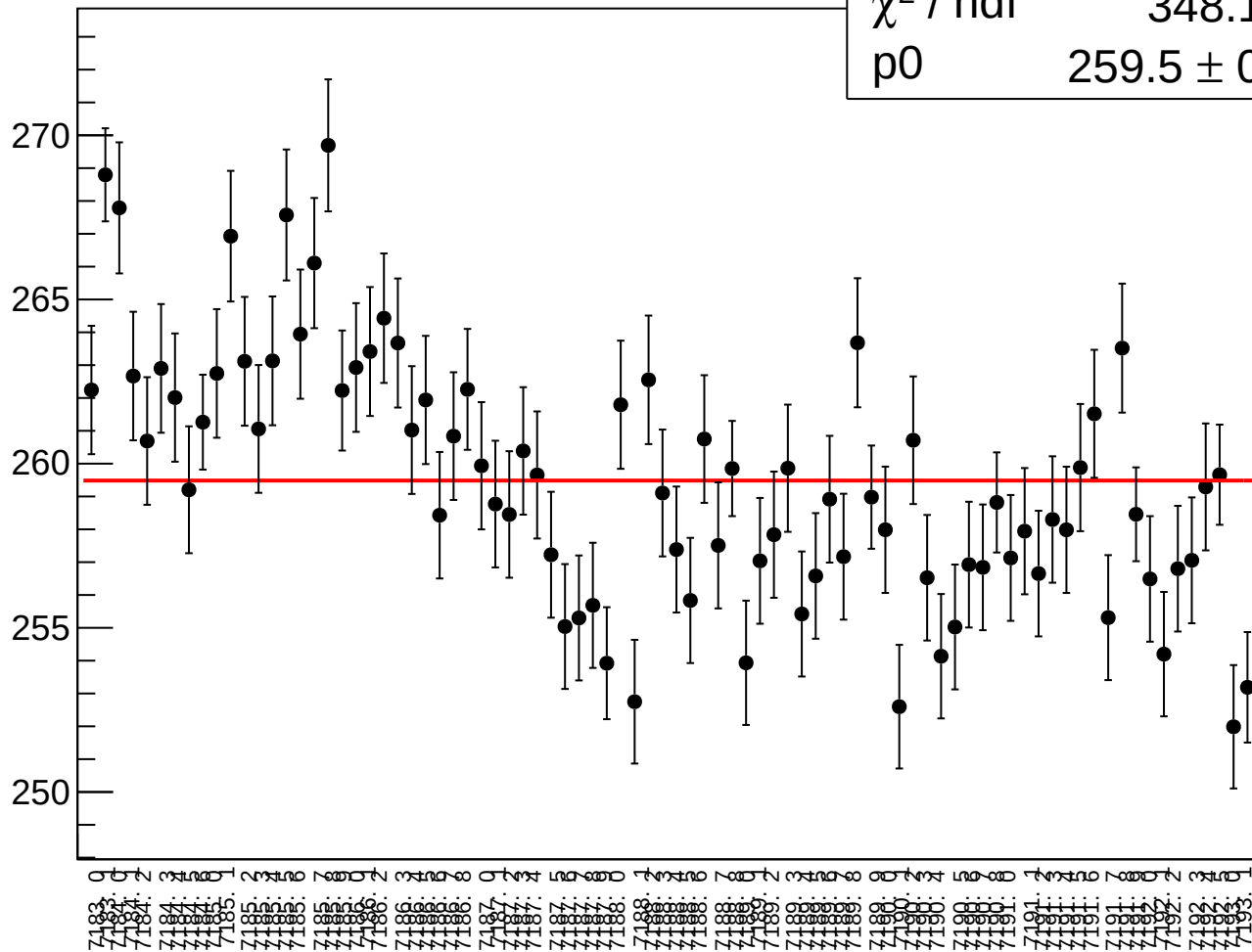
dit_asym_sam2_rms vs run

χ^2 / ndf

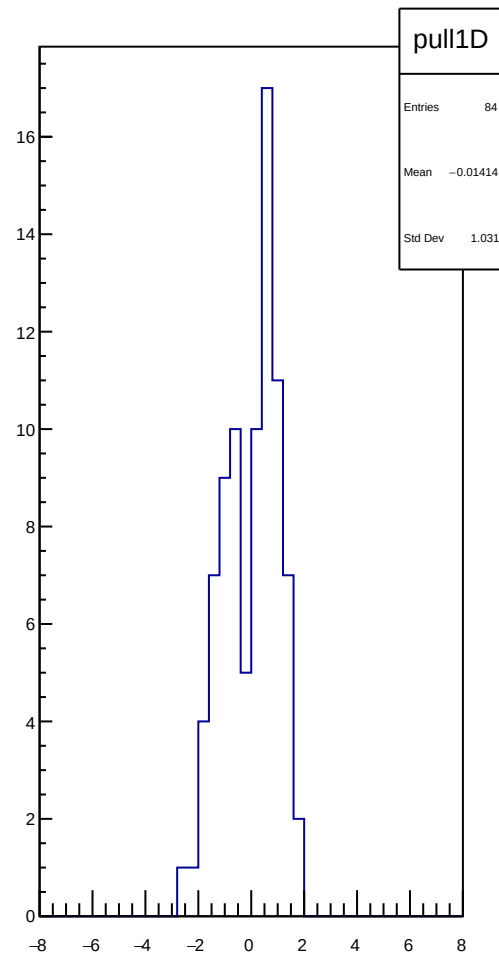
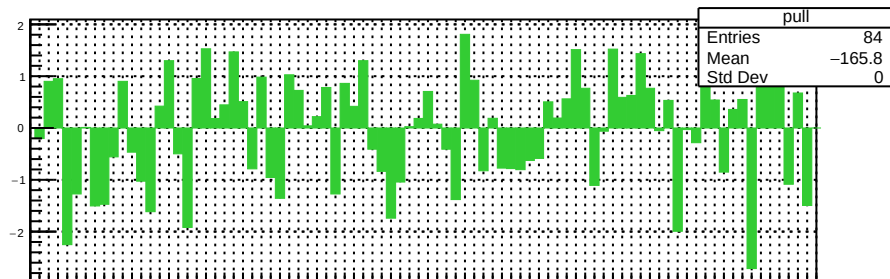
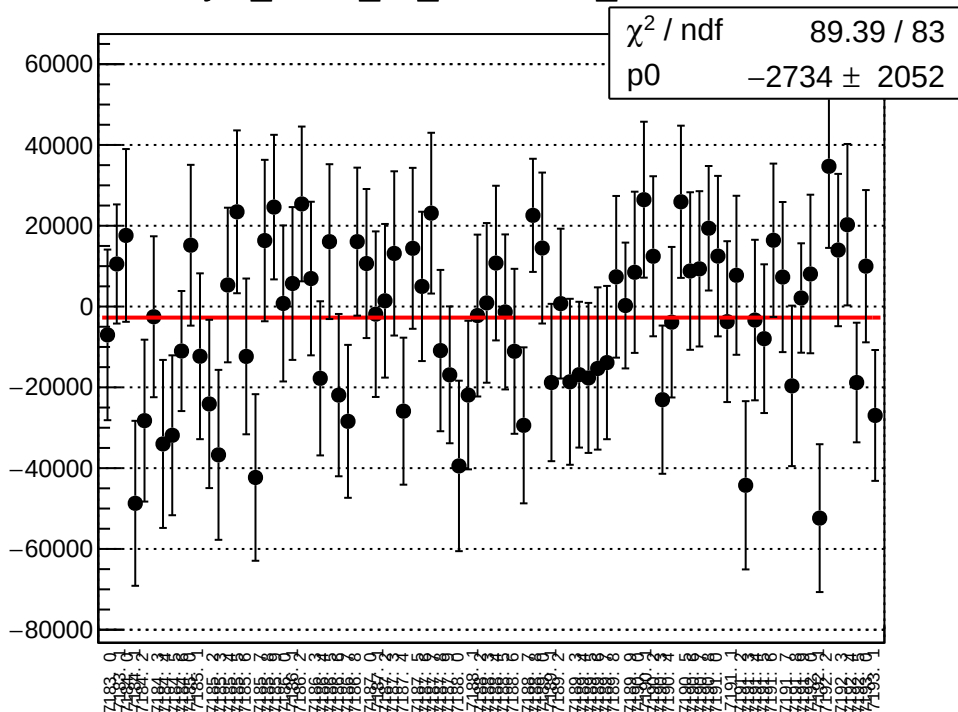
348.1 / 83

p0

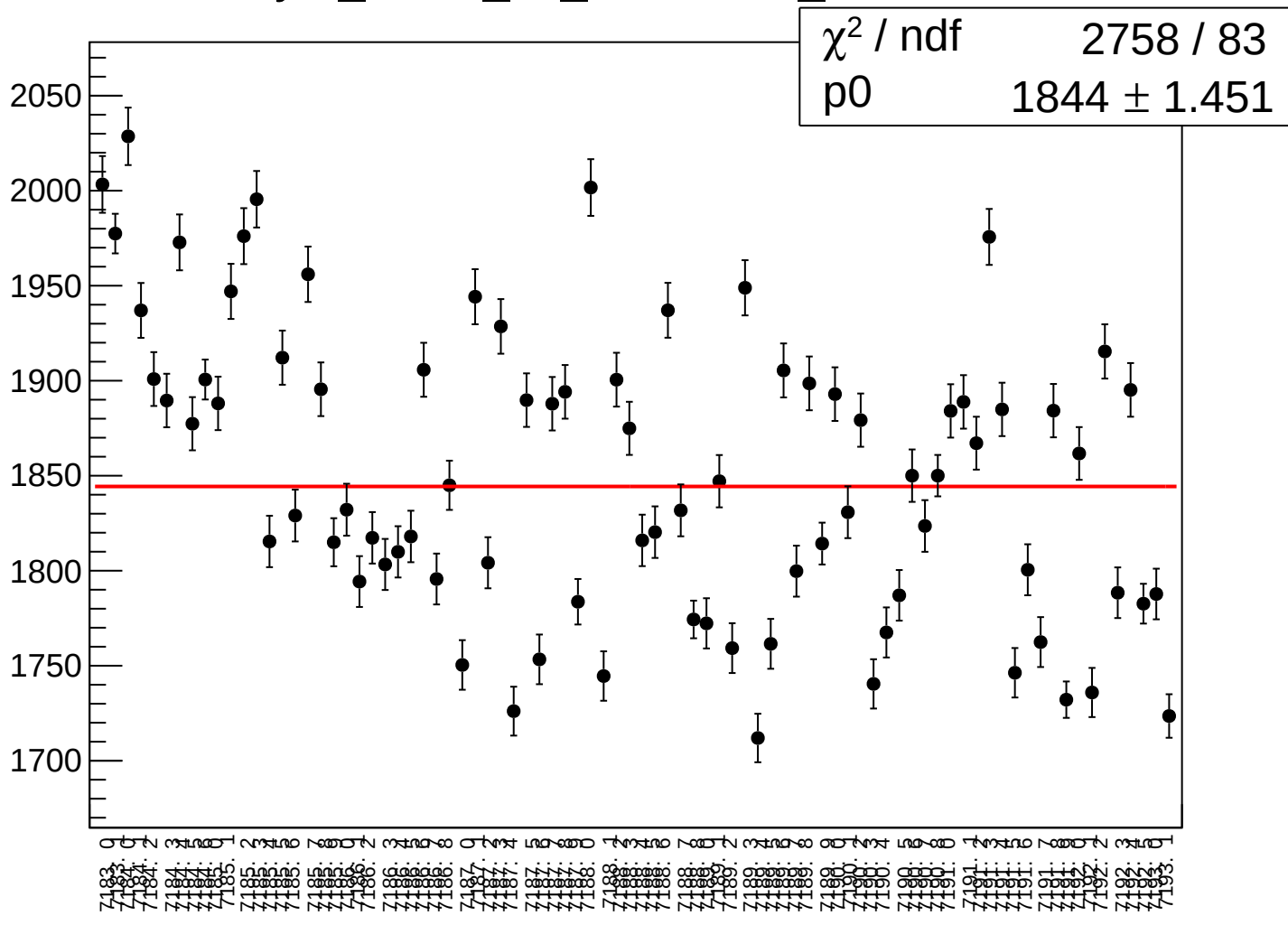
259.5 ± 0.204



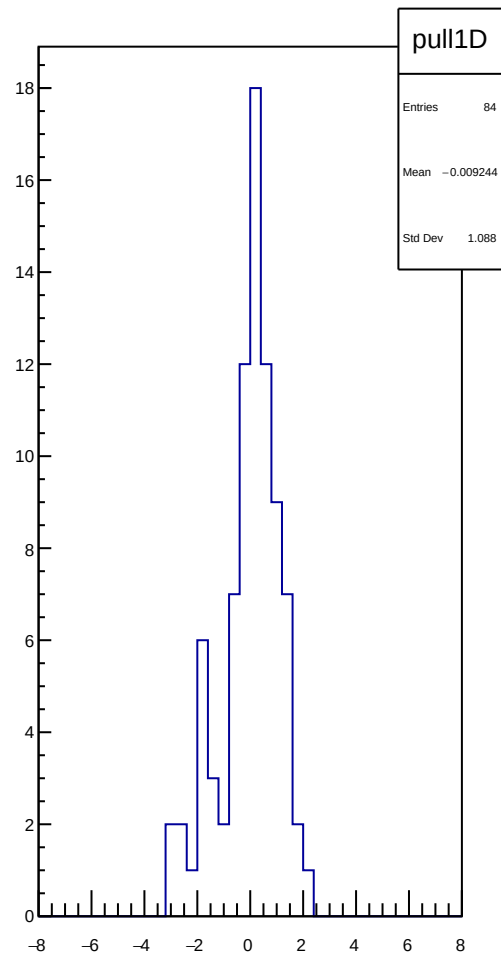
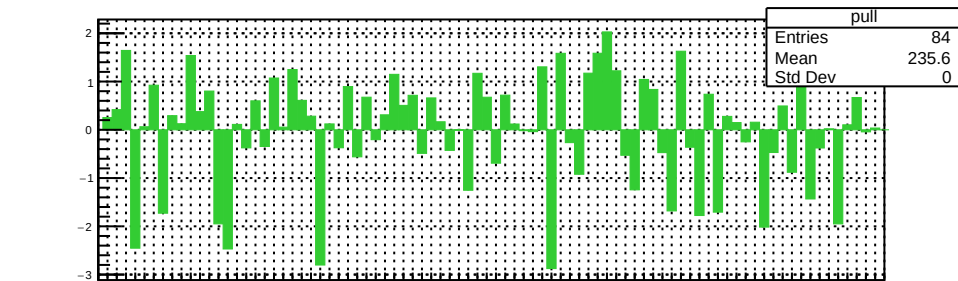
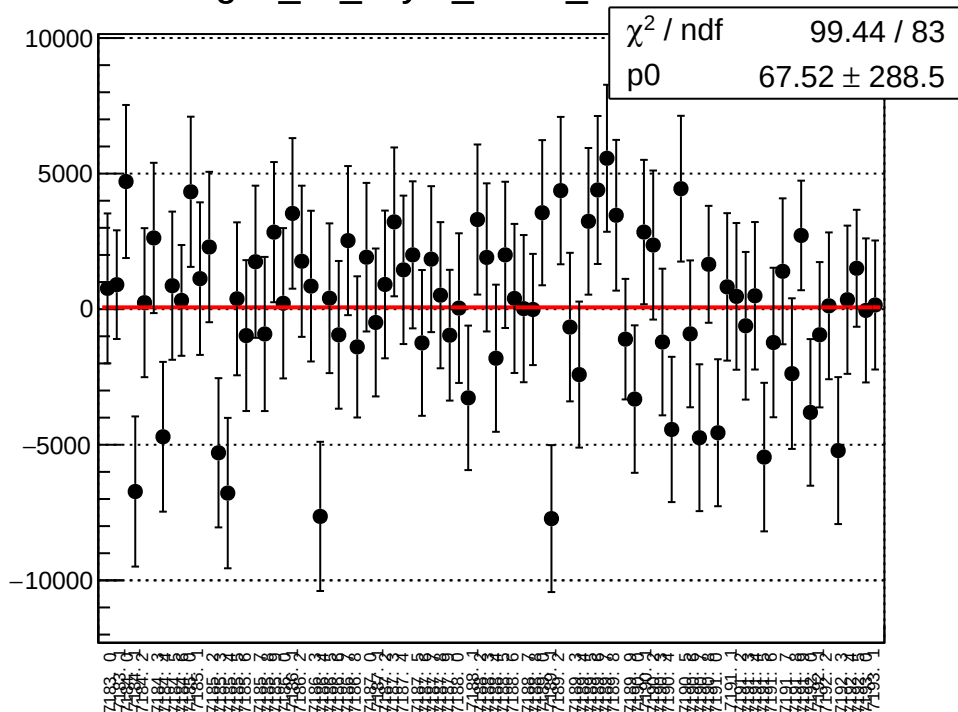
asym_sam2_dit_correction_mean vs run



asym_sam2_dit_correction_rms vs run



eigen_dit_asym_sam2_mean vs run



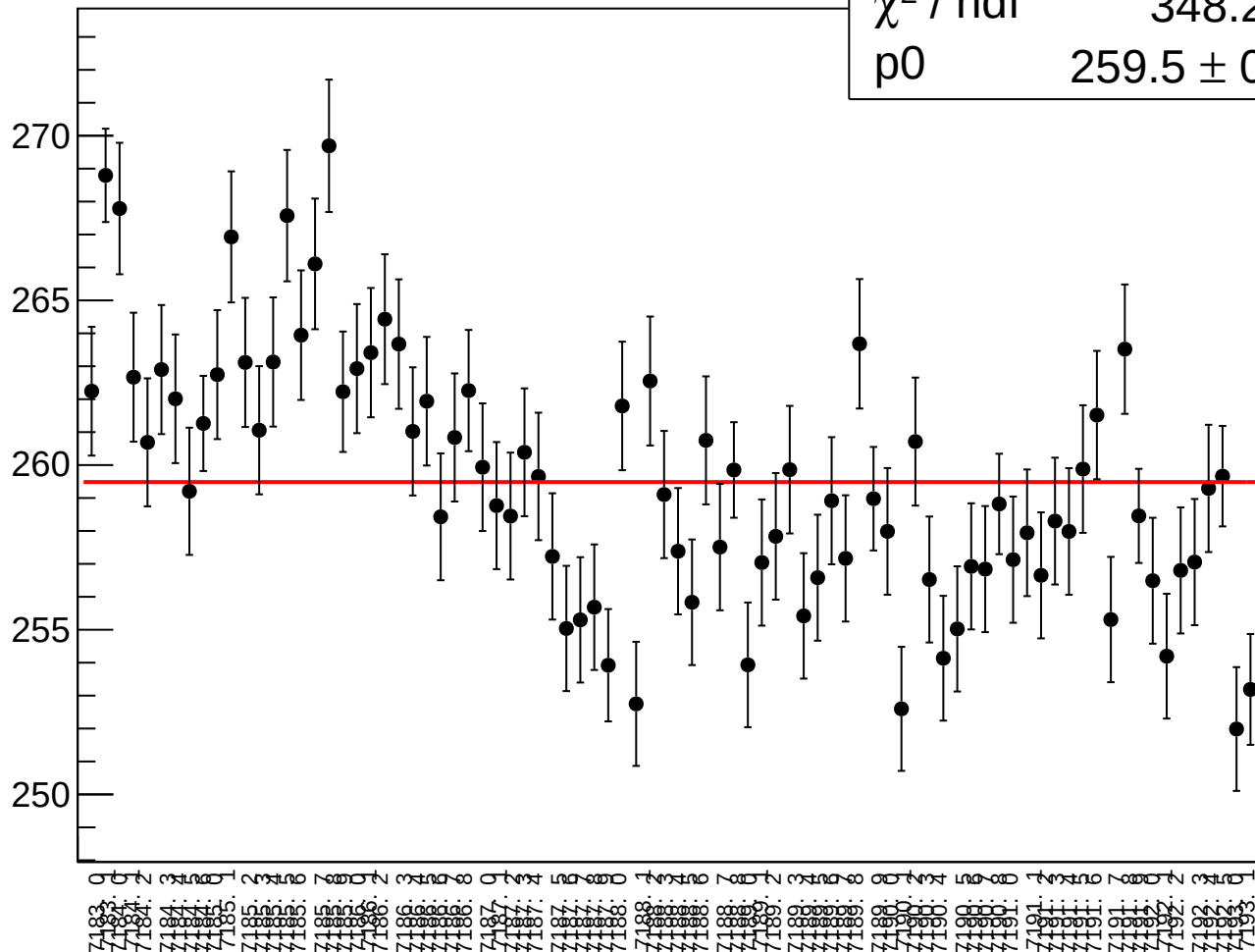
eigen_dit_asym_sam2_rms vs run

χ^2 / ndf

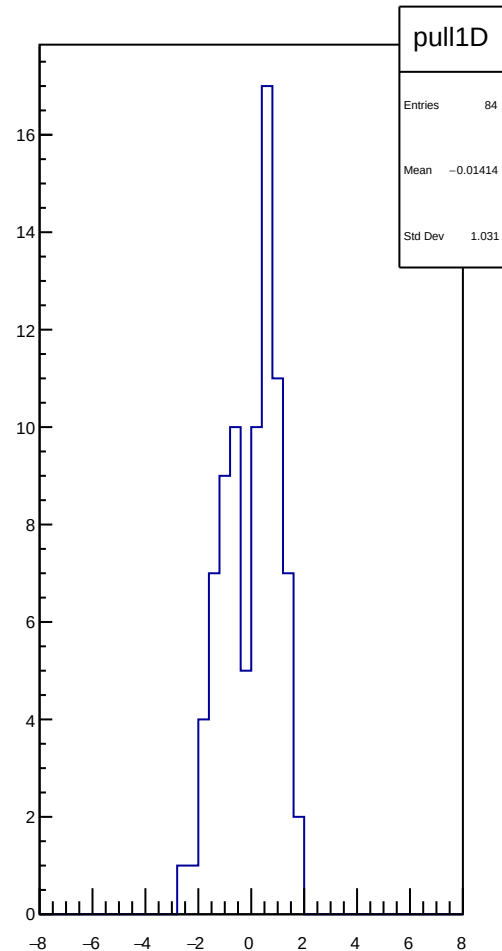
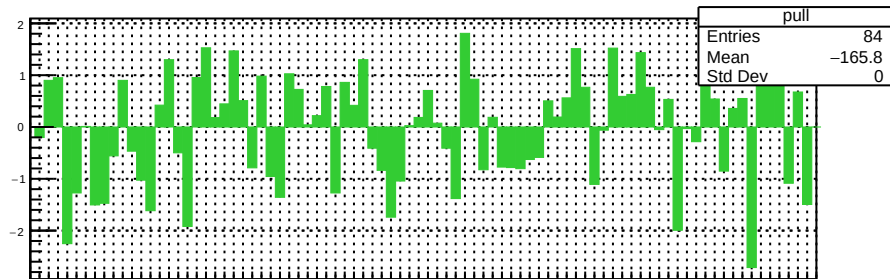
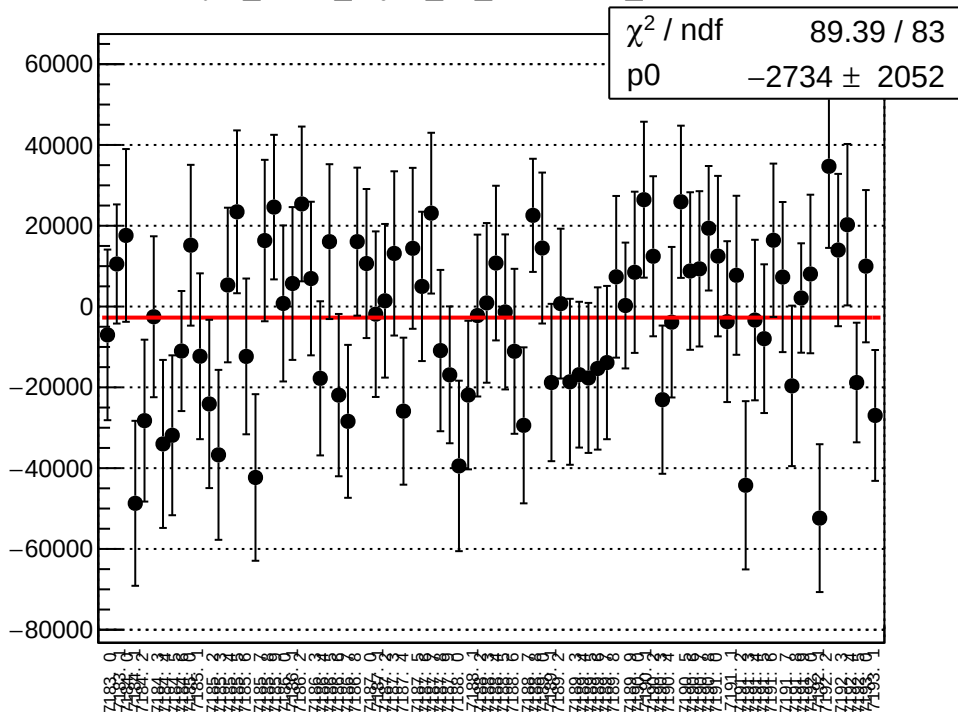
348.2 / 83

p0

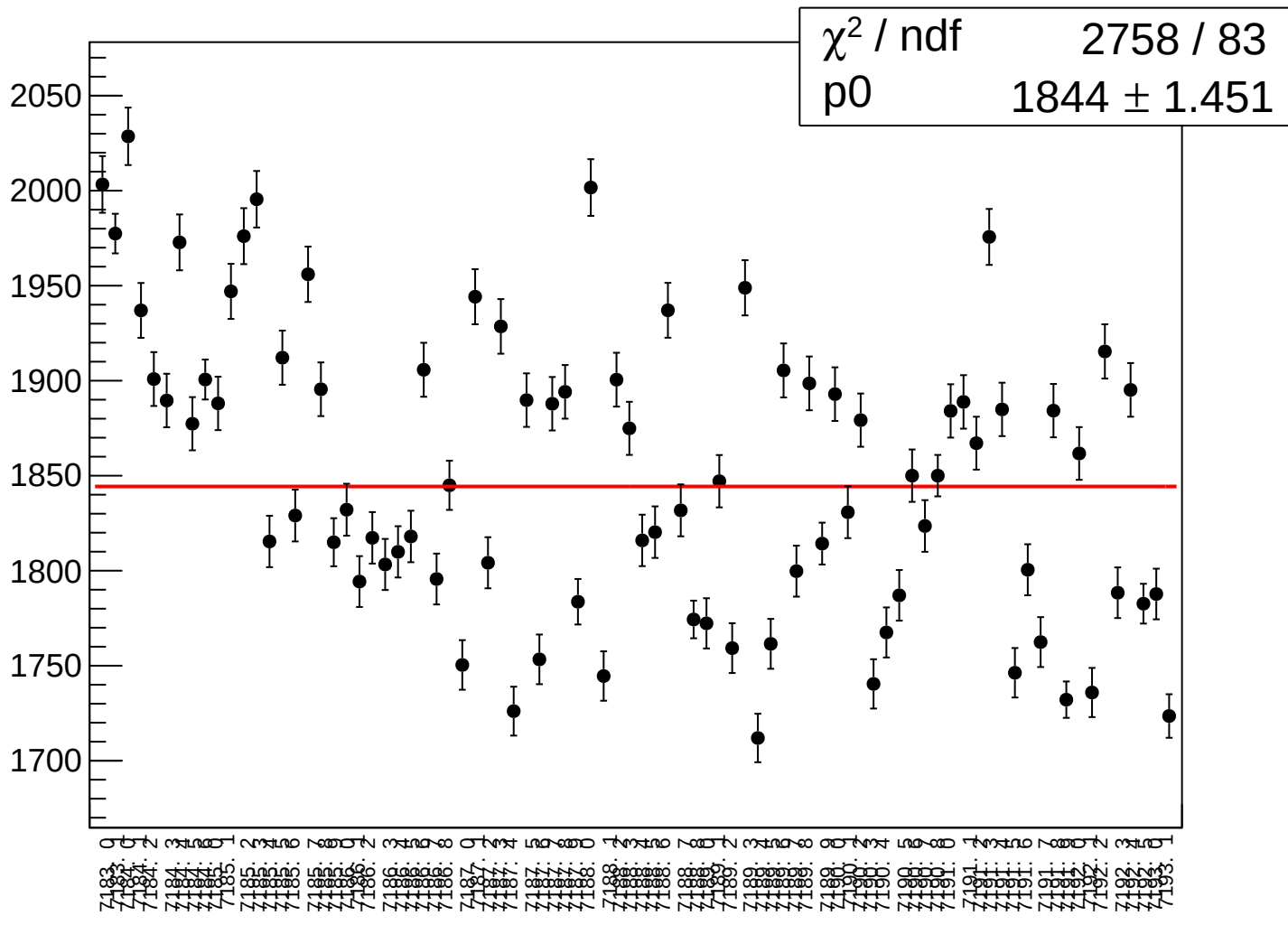
259.5 ± 0.204



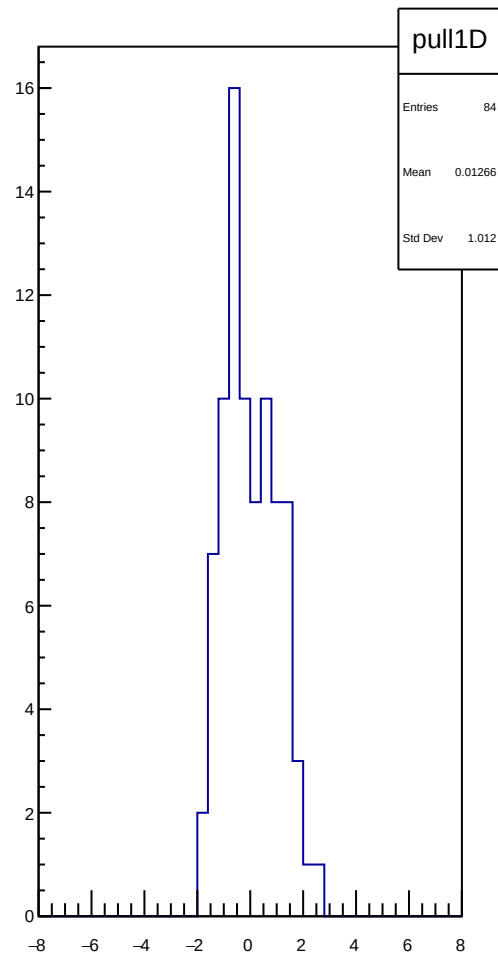
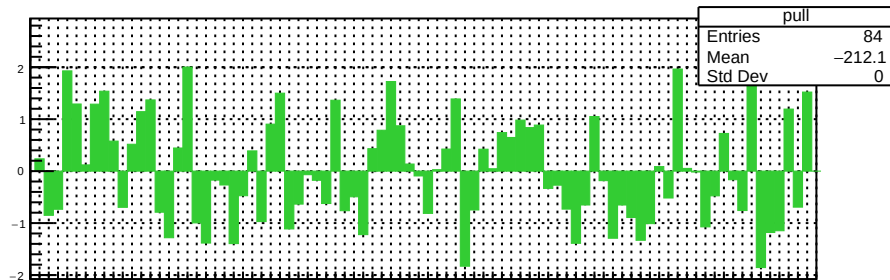
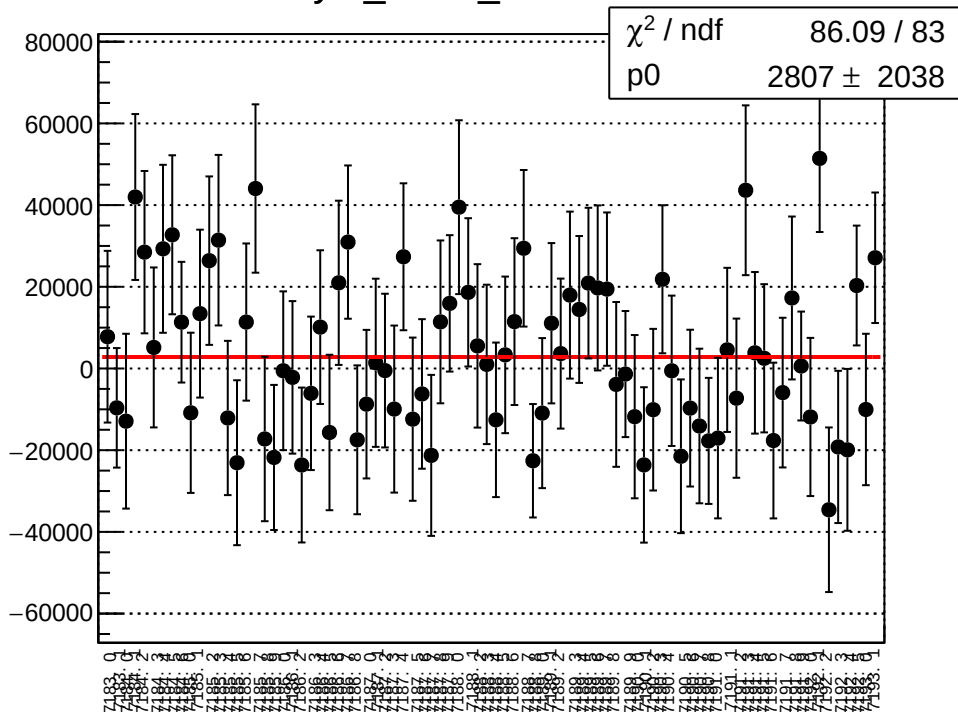
asym_sam2_eigen_dit_correction_mean vs run



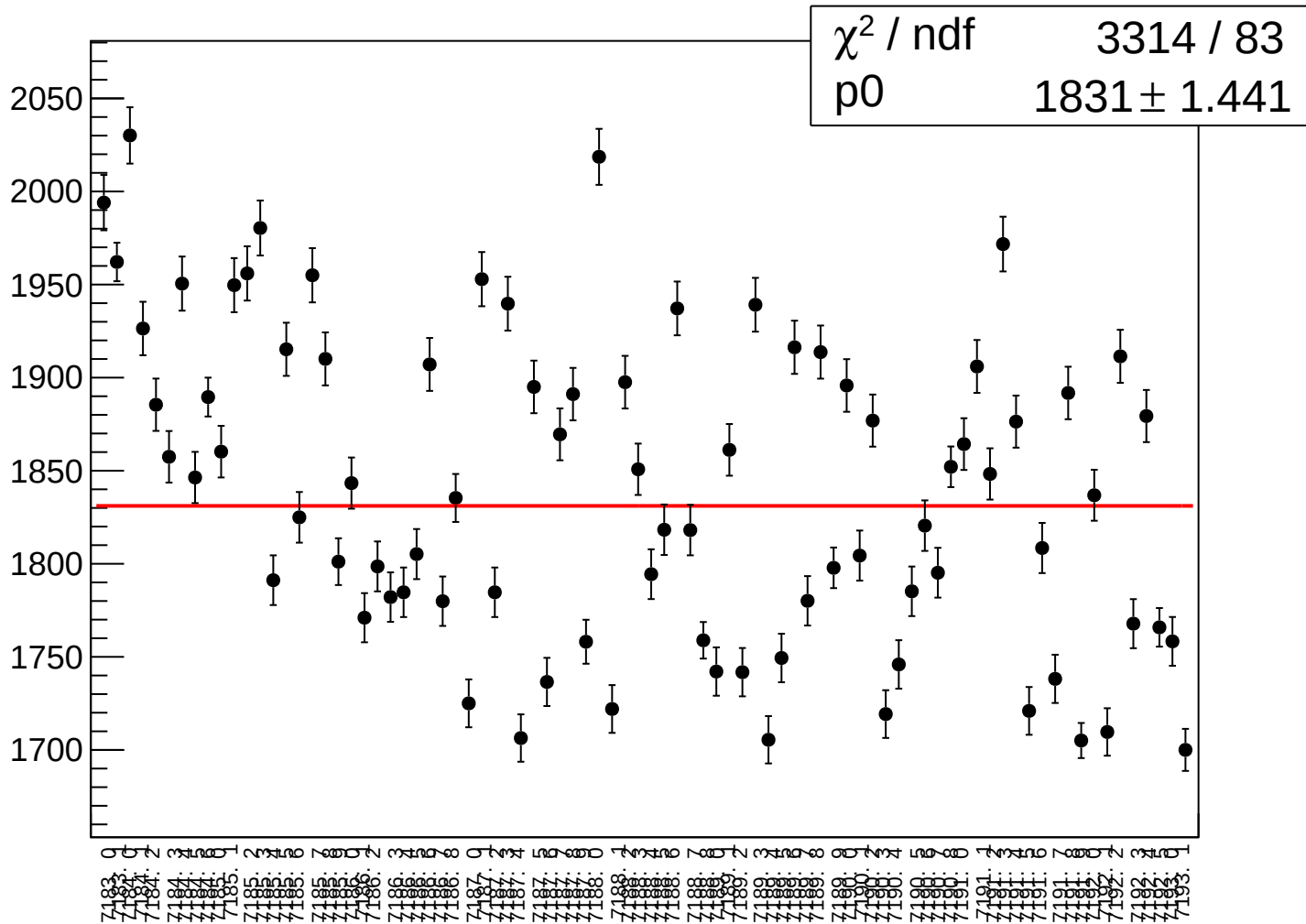
asym_sam2_eigen_dit_correction_rms vs run



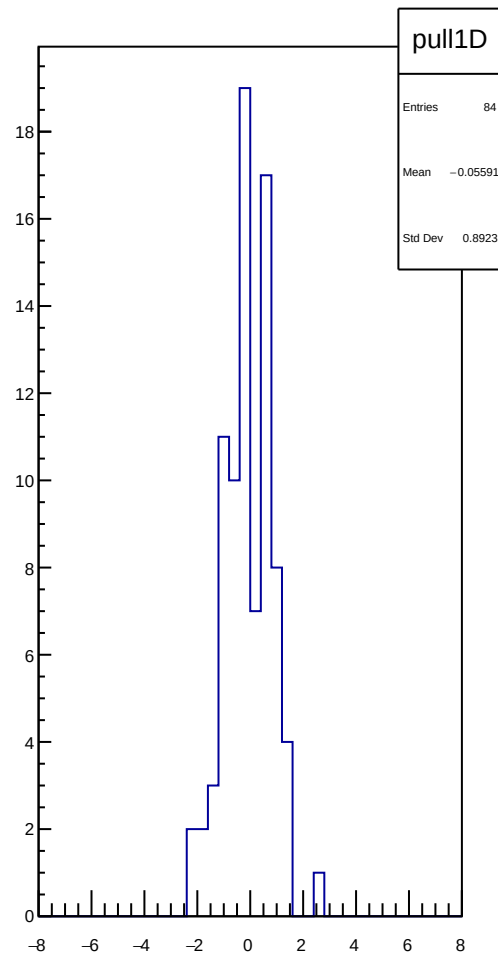
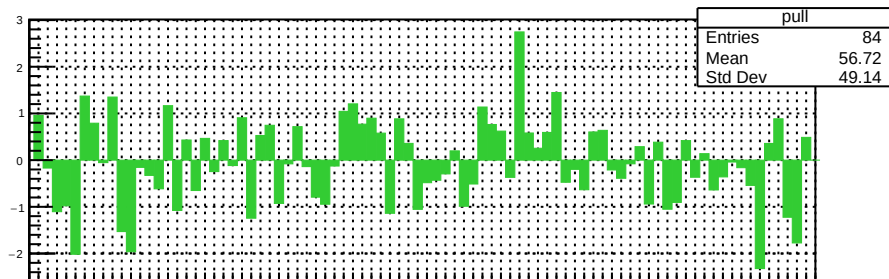
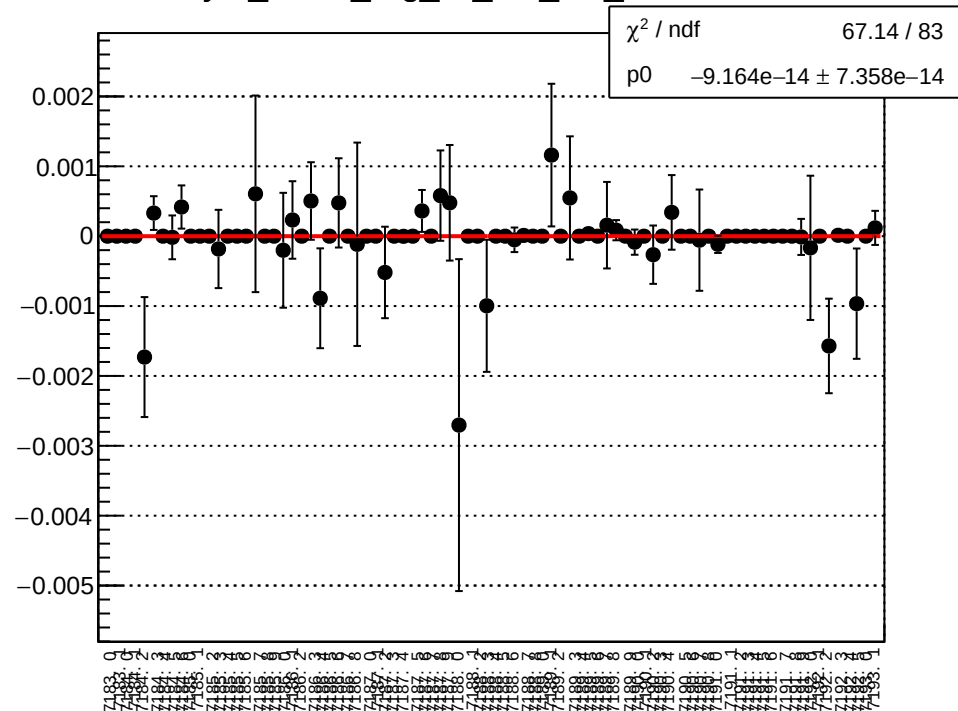
asym_sam2_mean vs run



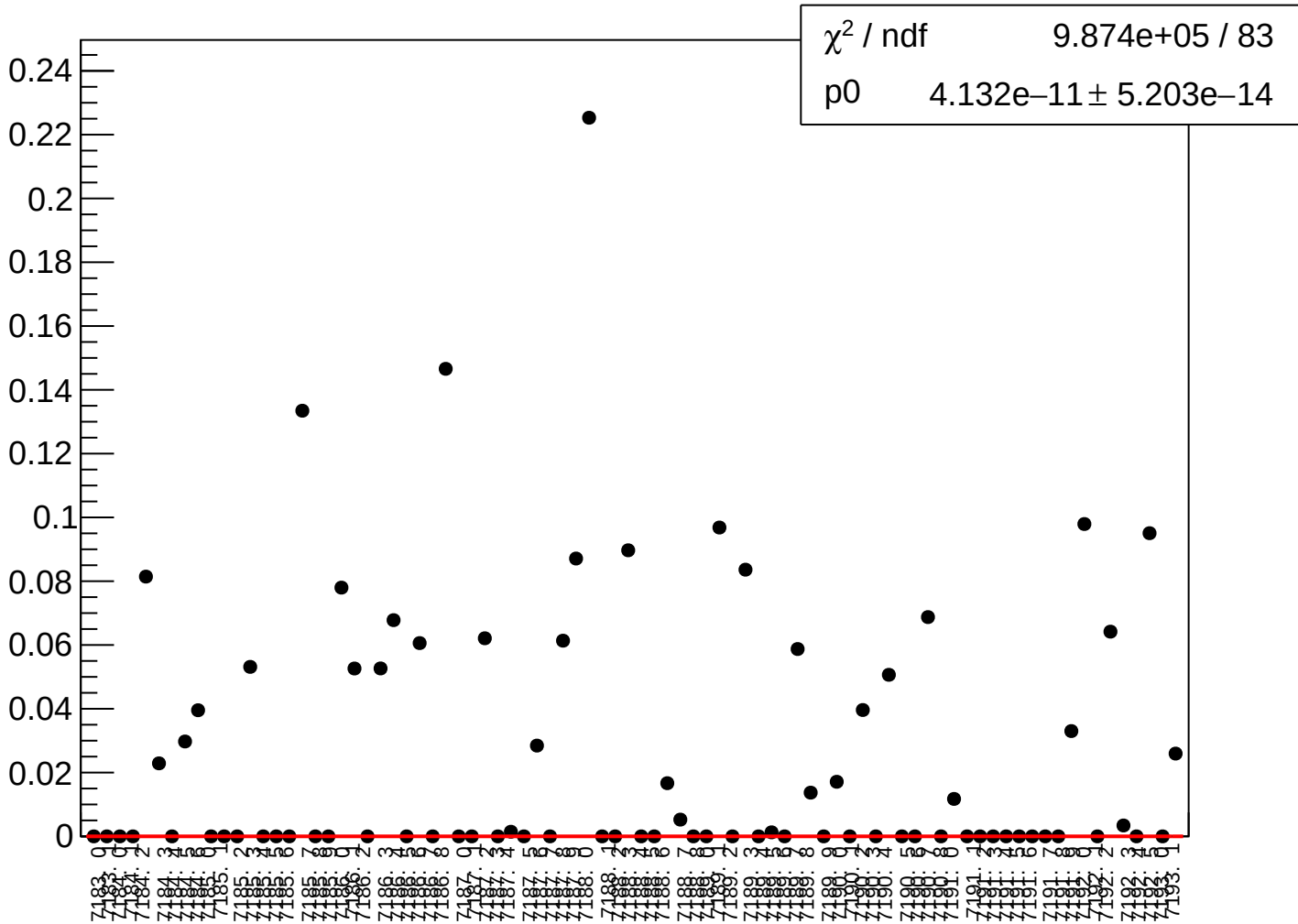
asym_sam2_rms vs run



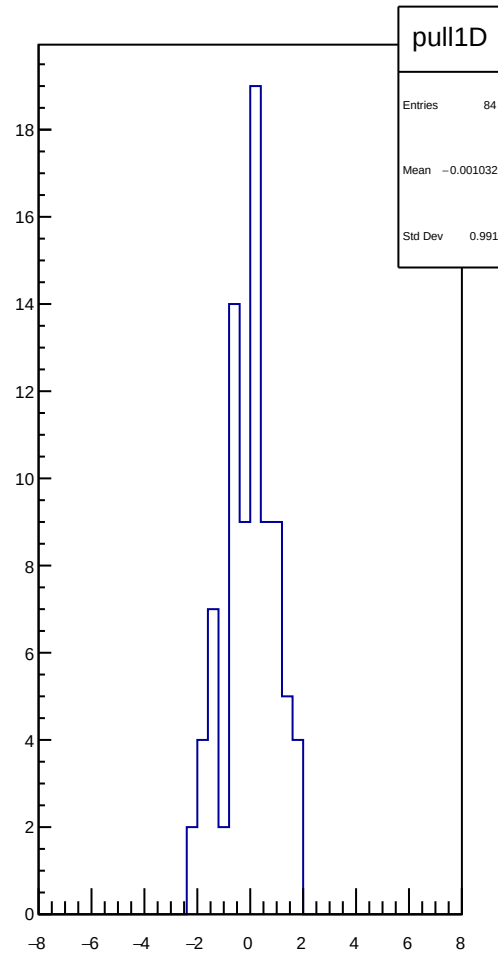
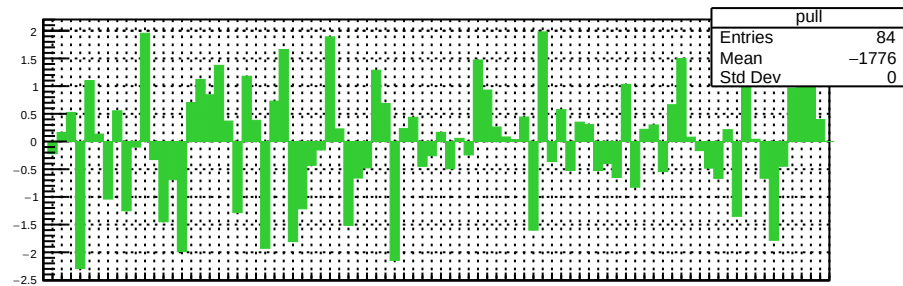
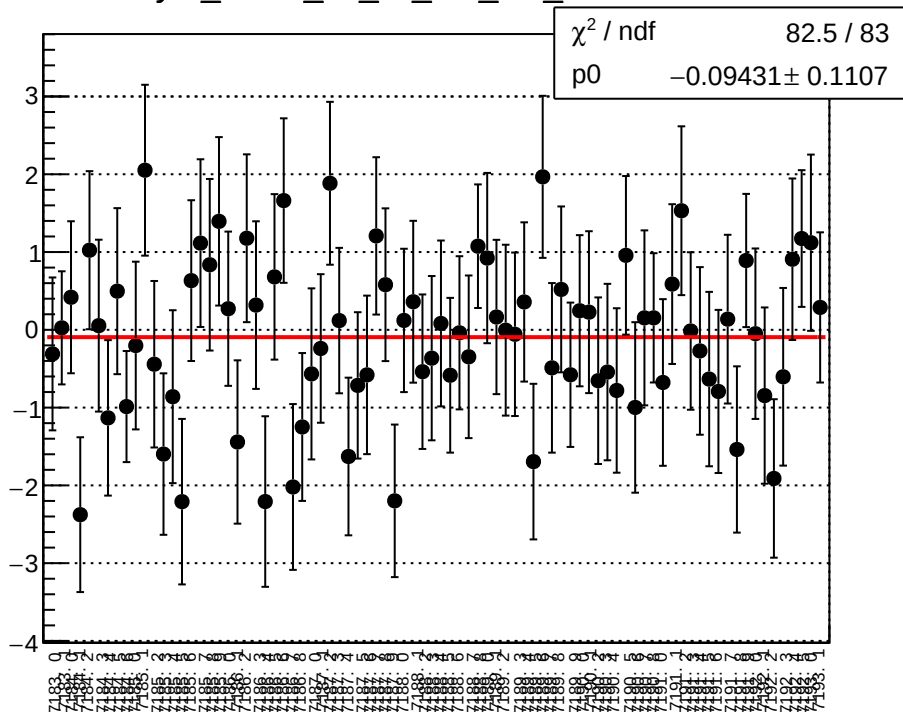
asym_sam2_reg_vs_cor_diff_mean vs run



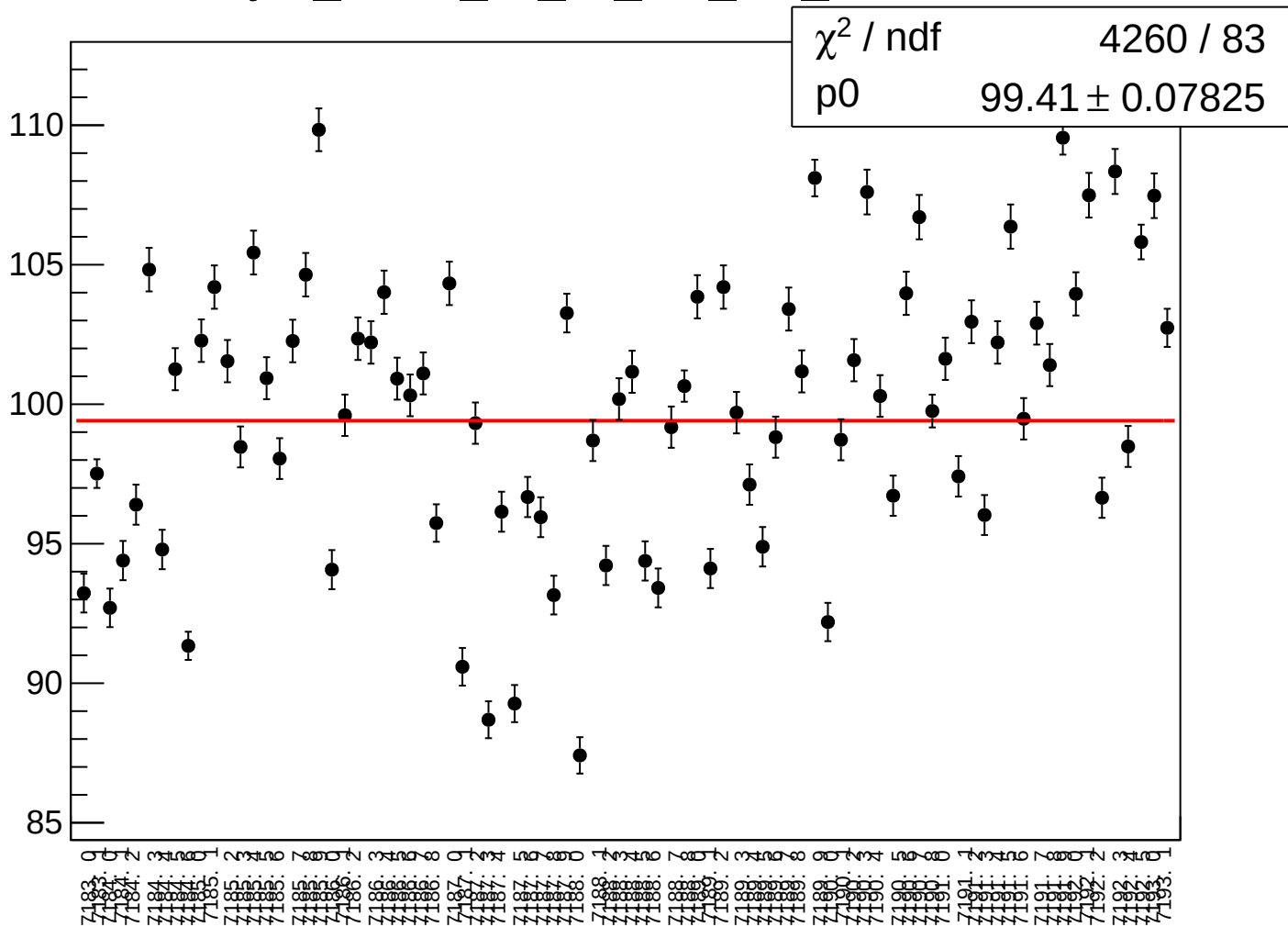
asym sam2 reg vs cor diff rms vs run



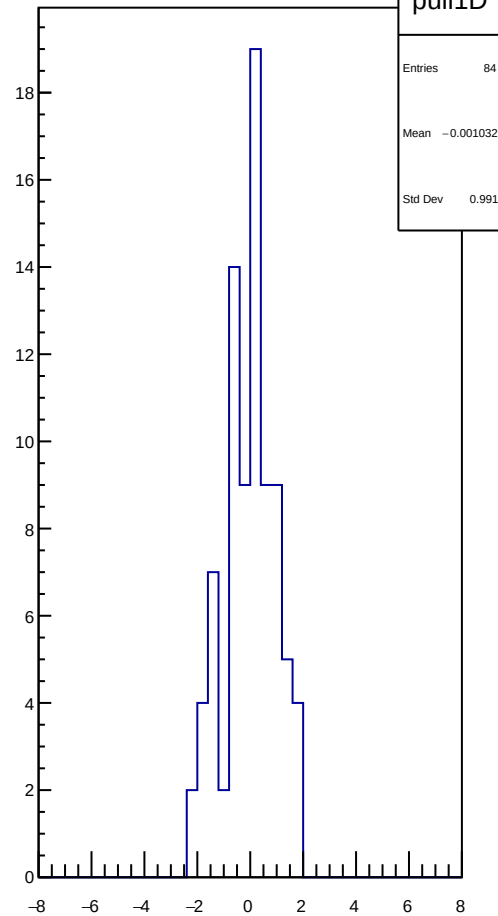
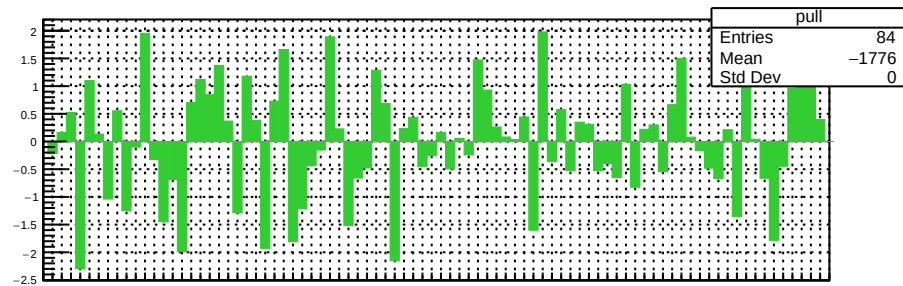
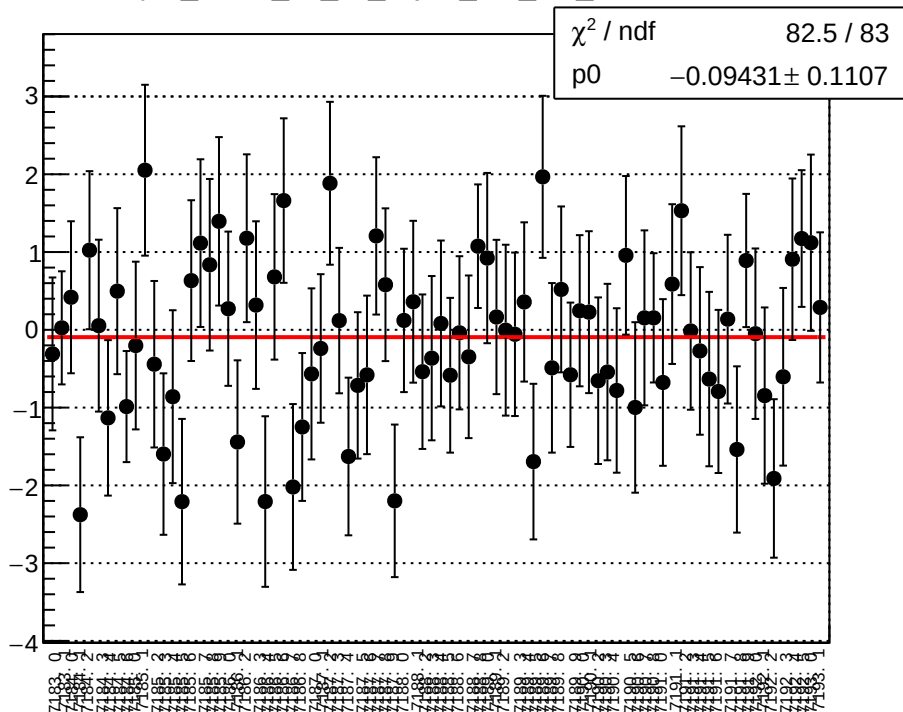
asym_sam2_dit_vs_cor_diff_mean vs run



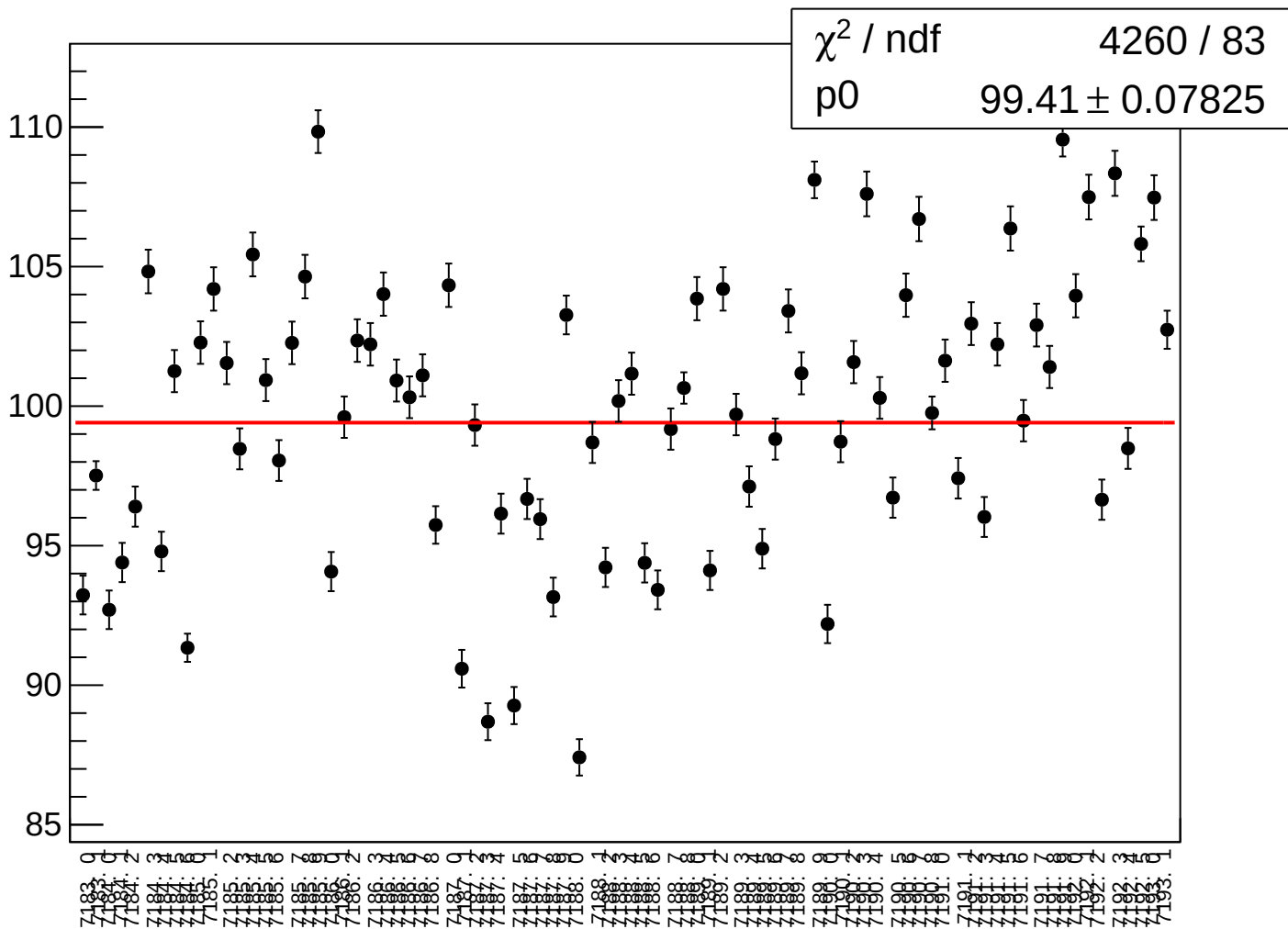
asym_sam2_dit_vs_cor_diff_rms vs run



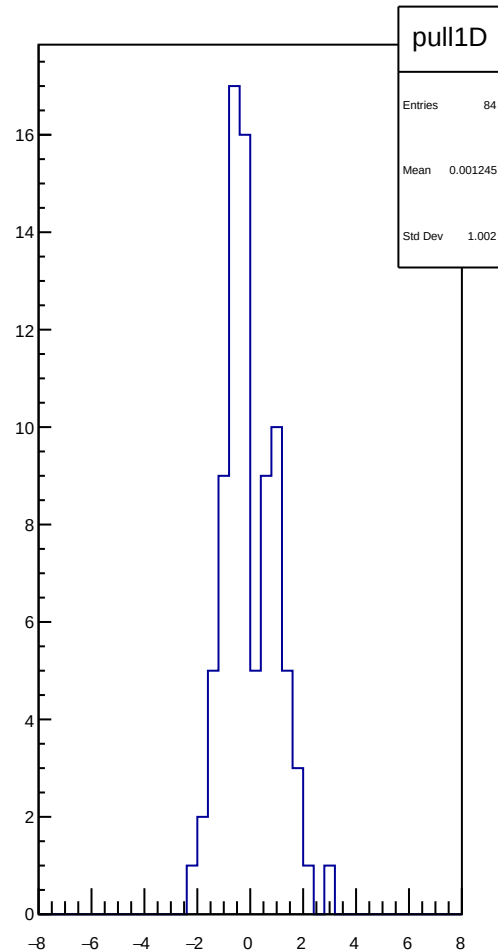
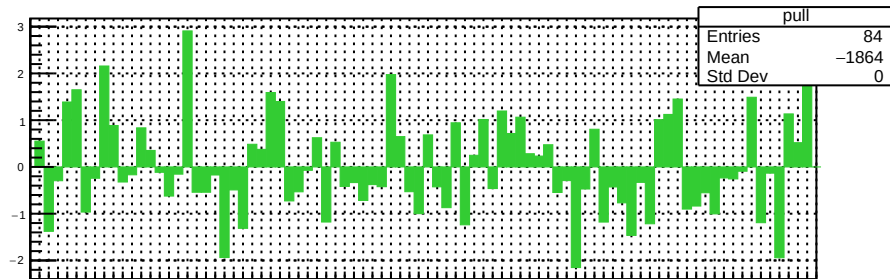
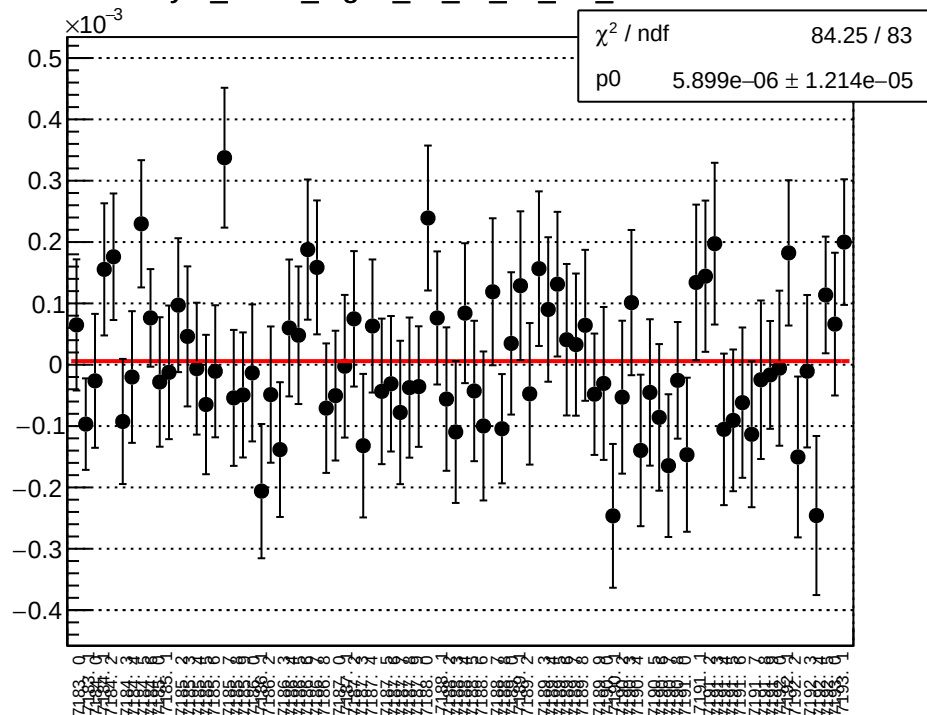
asym_sam2_dit_vs_eigen_cor_diff_mean vs run



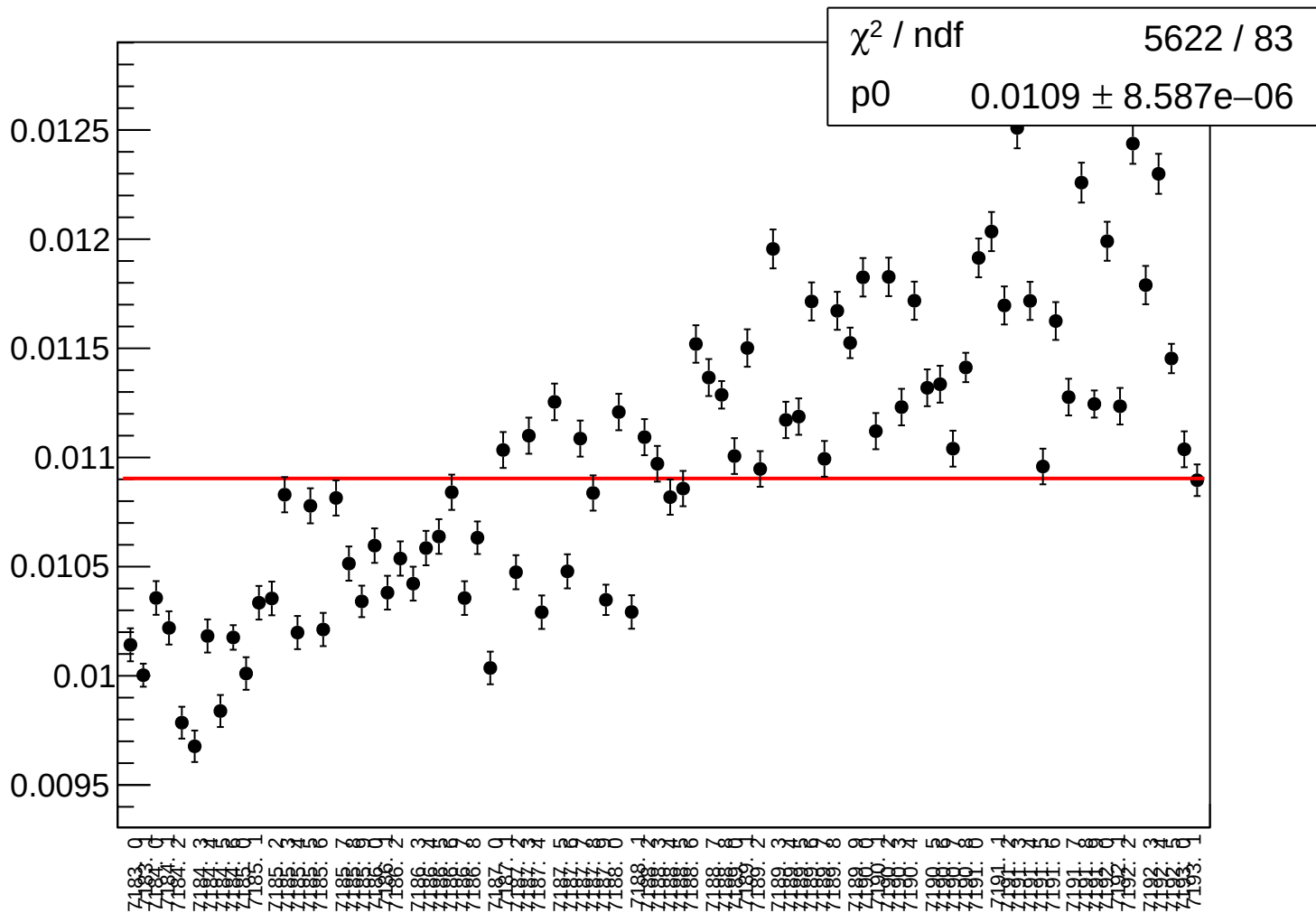
asym_sam2_dit_vs_eigen_cor_diff_rms vs run



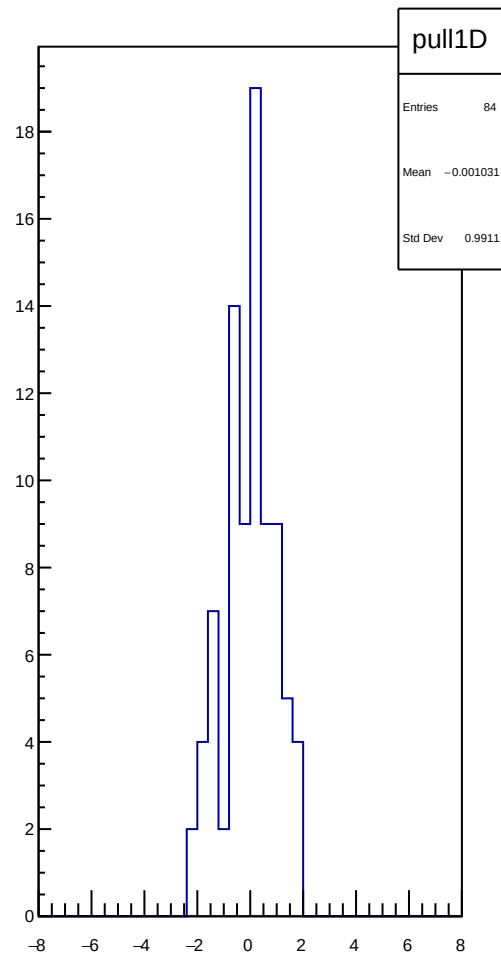
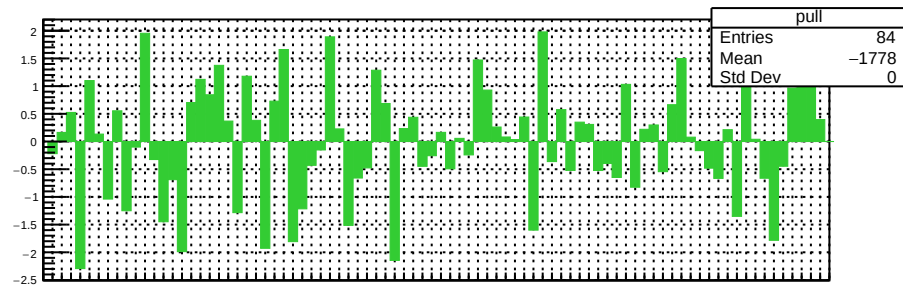
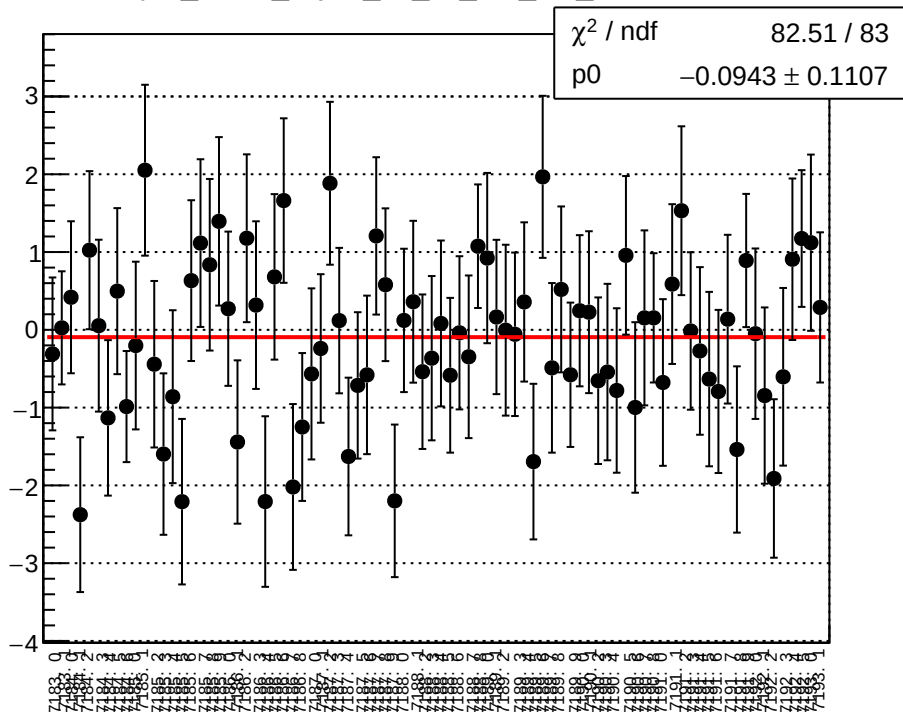
asym_sam2_eigen_dit_vs_dit_diff_mean vs run



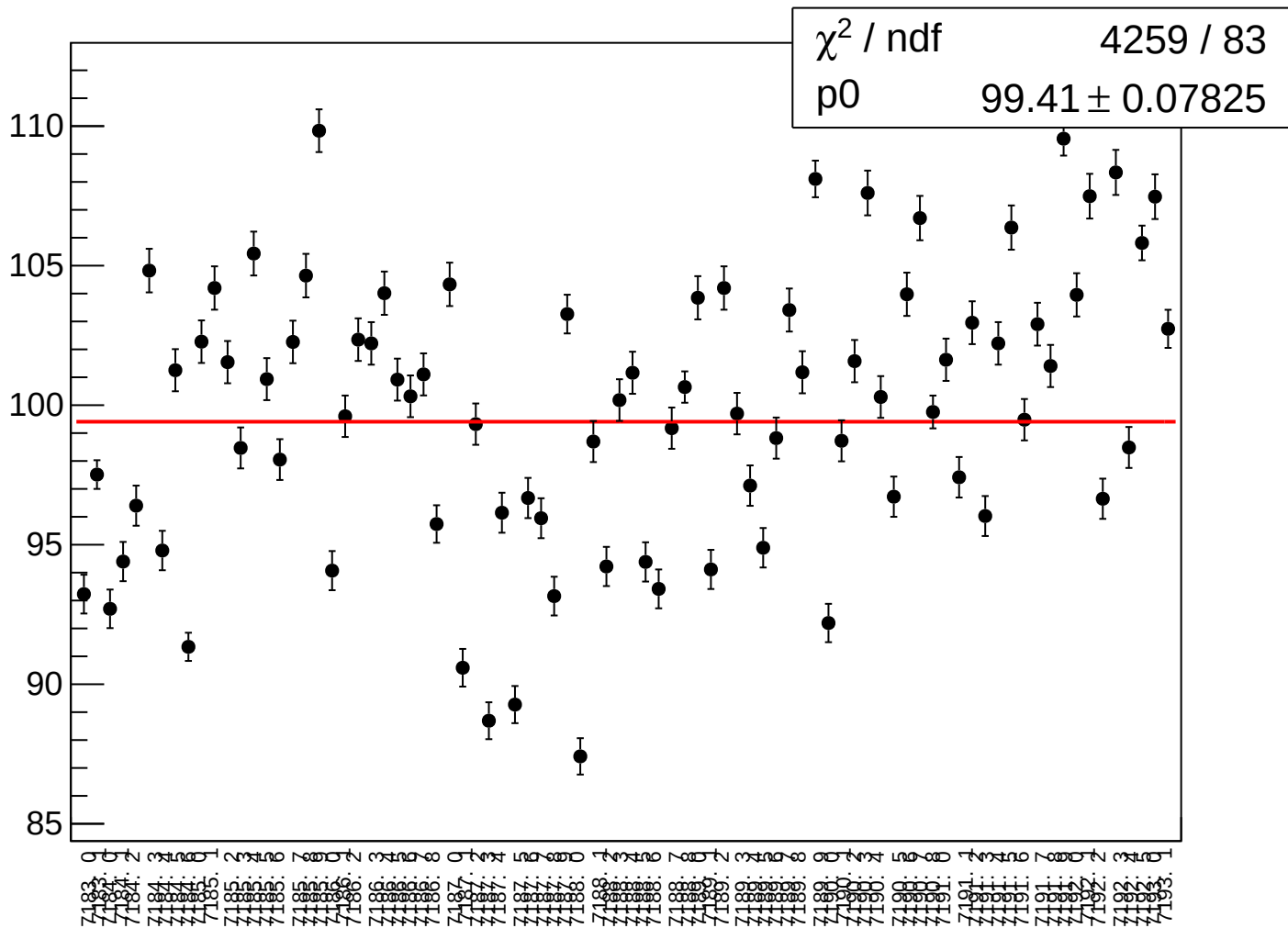
asym_sam2_eigen_dit_vs_dit_diff_rms vs run



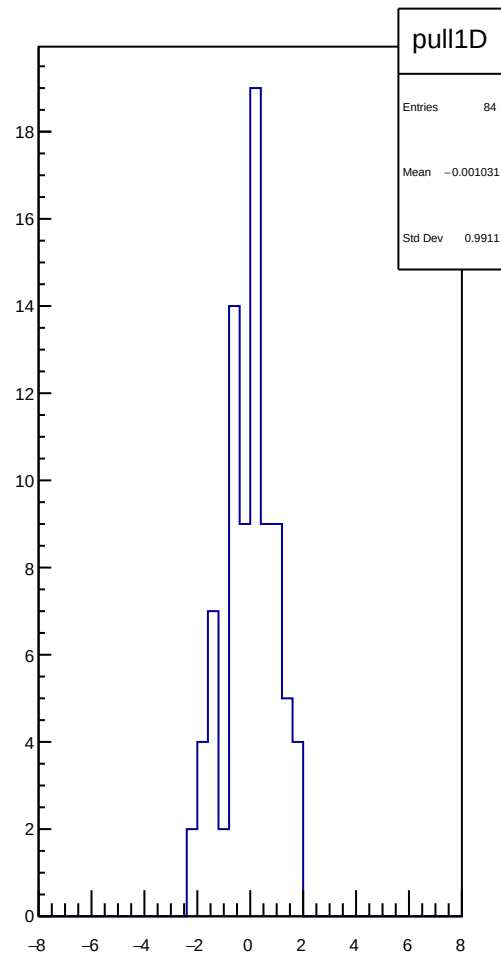
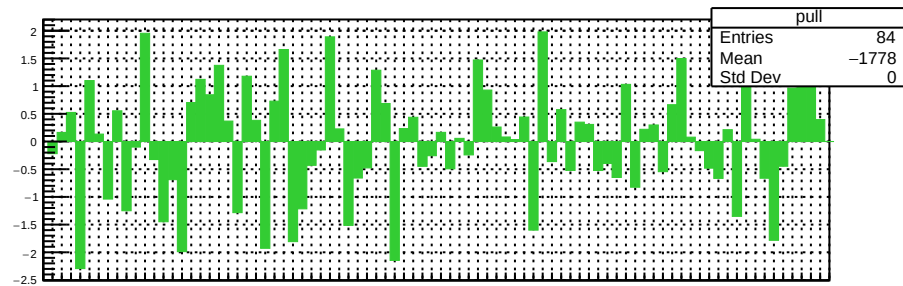
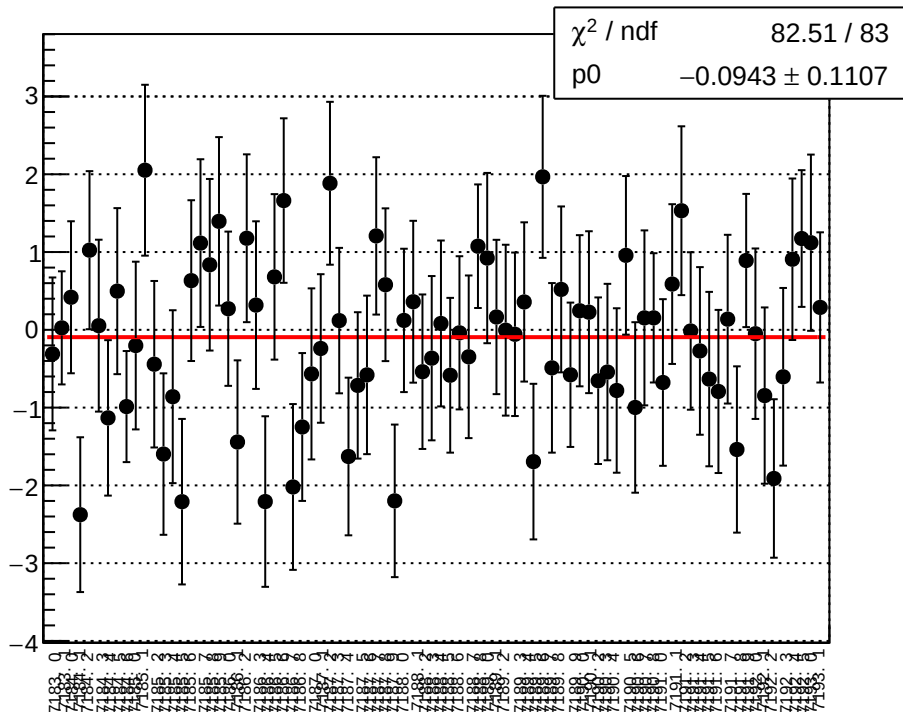
asym_sam2_eigen_dit_vs_cor_diff_mean vs run



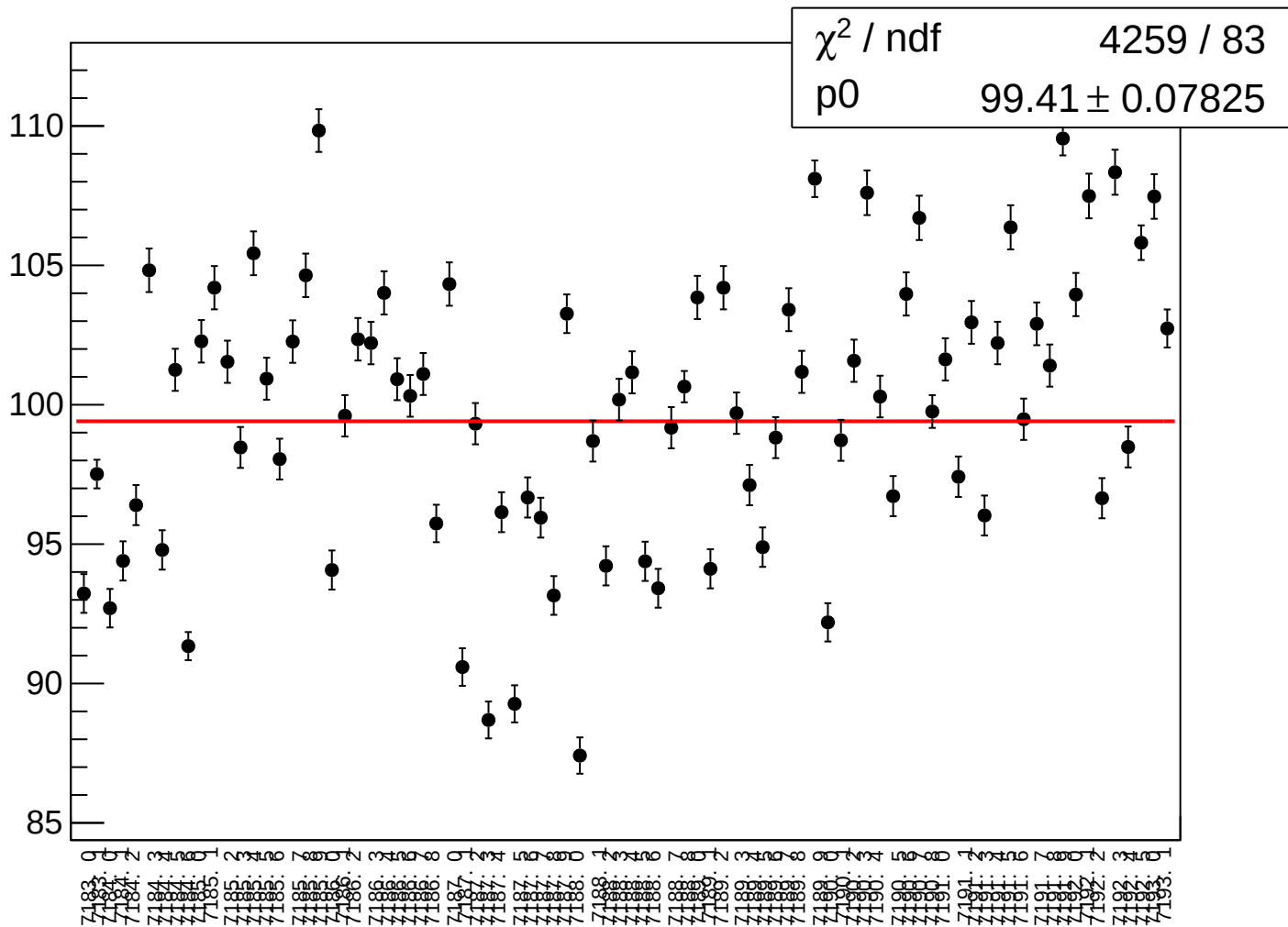
asym_sam2_eigen_dit_vs_cor_diff_rms vs run



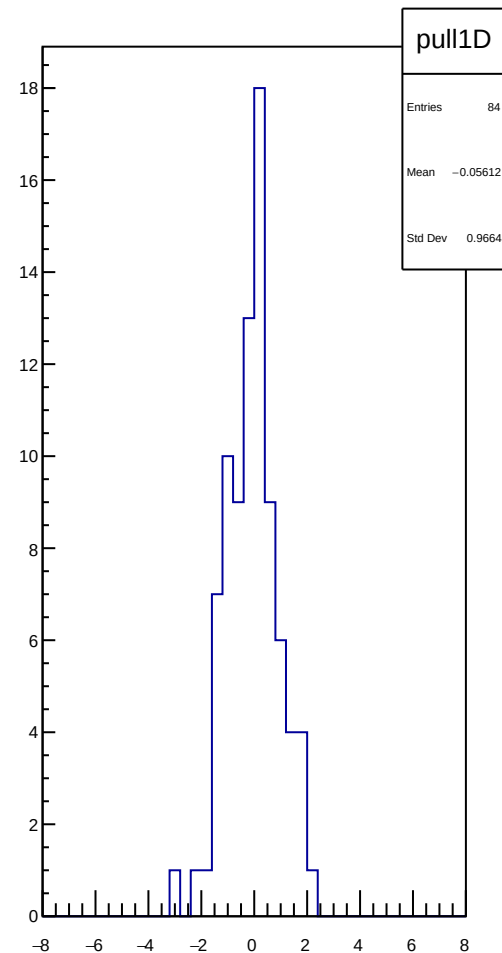
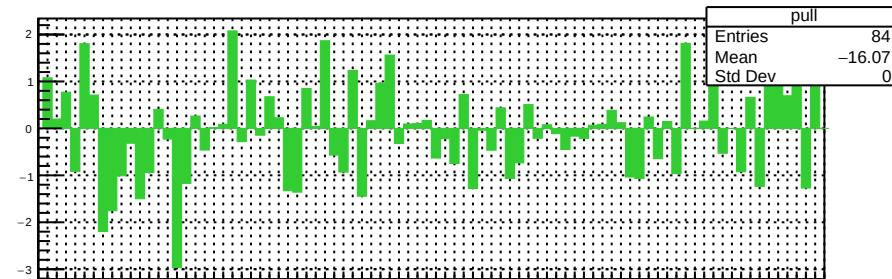
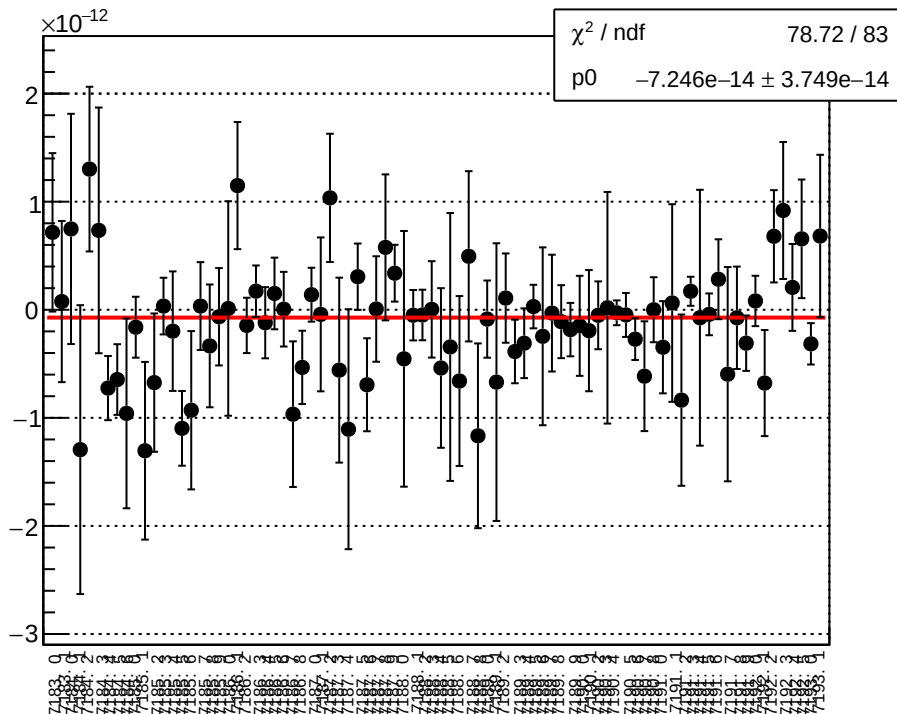
asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs run



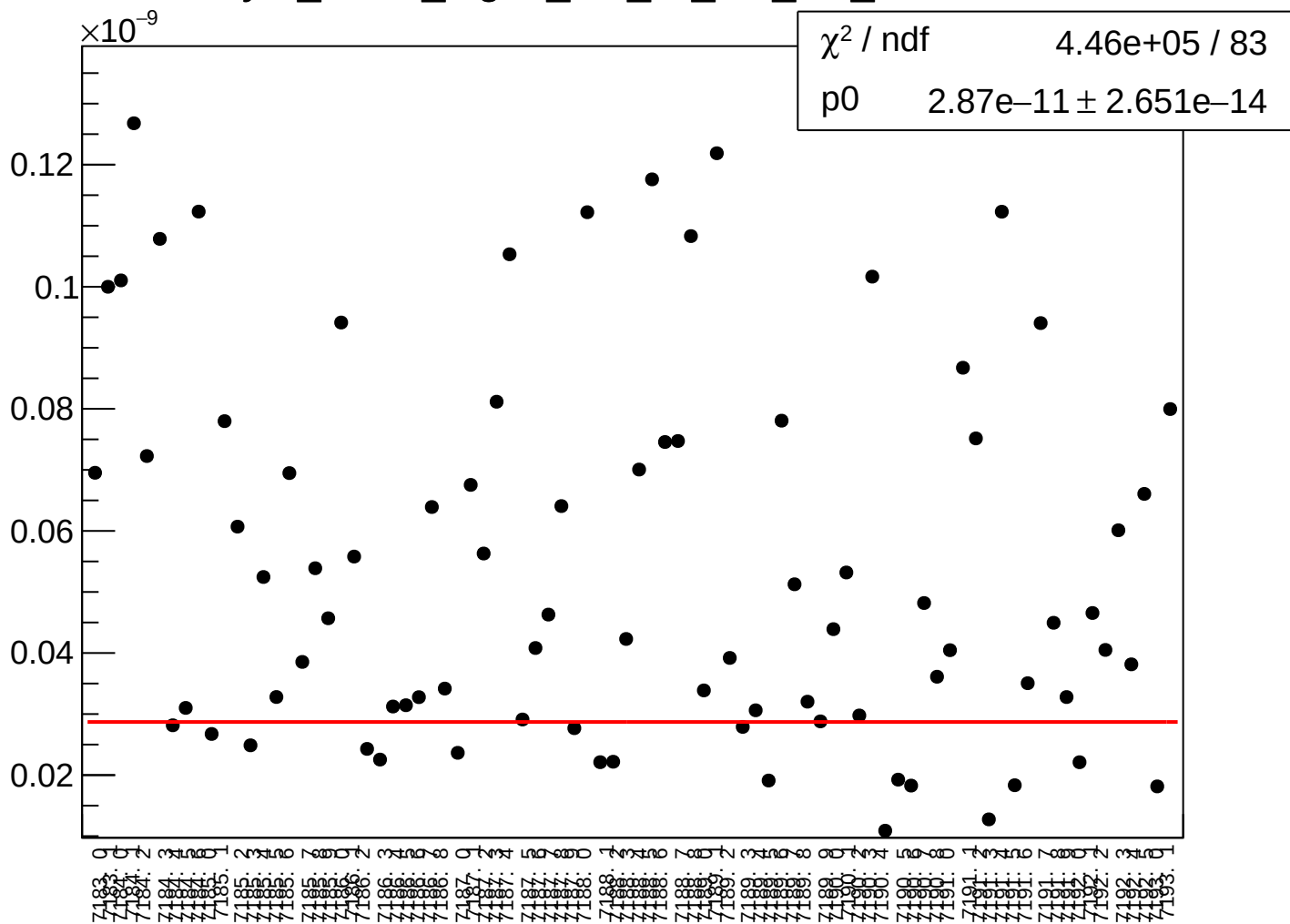
asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs run



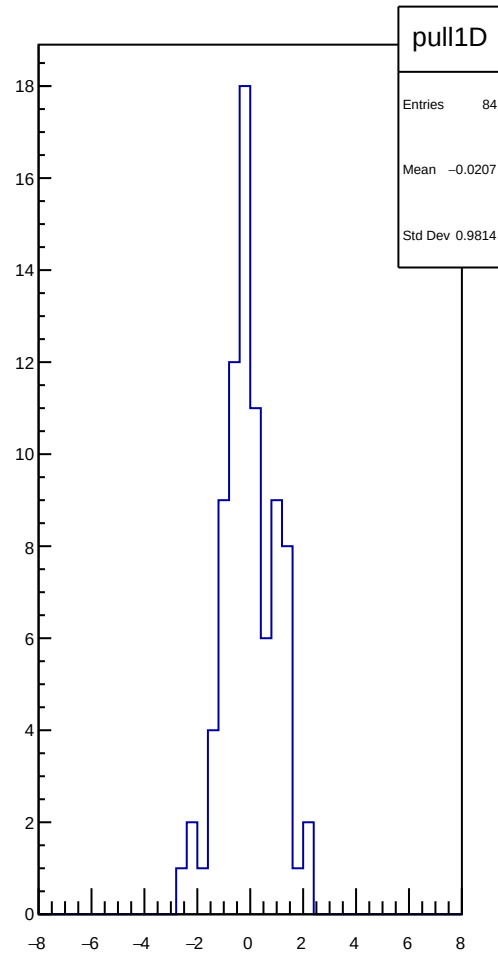
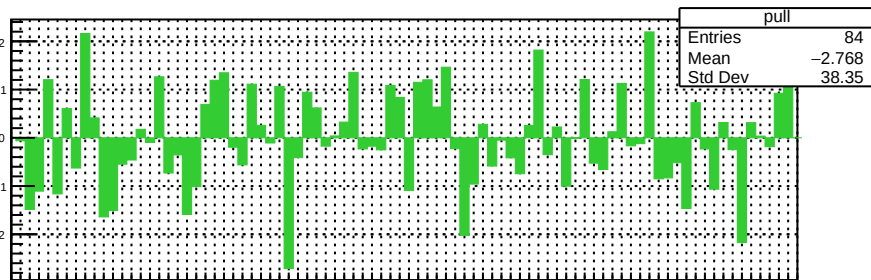
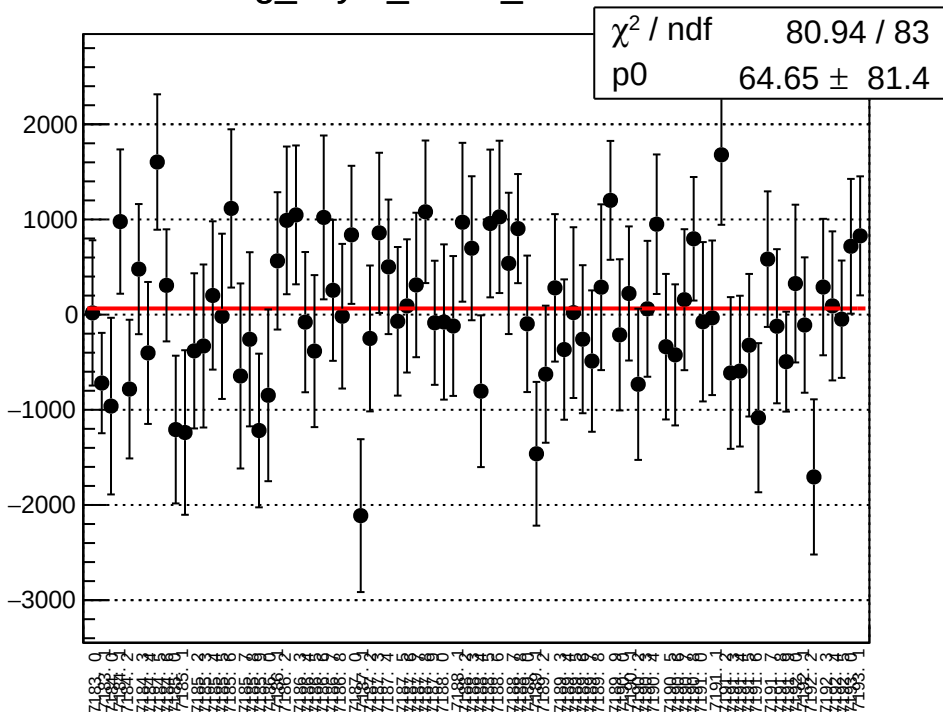
asym_sam2_eigen_cor_vs_cor_diff_mean vs run



asym sam2 eigen cor vs cor diff rms vs run



reg_asym_sam3_mean vs run



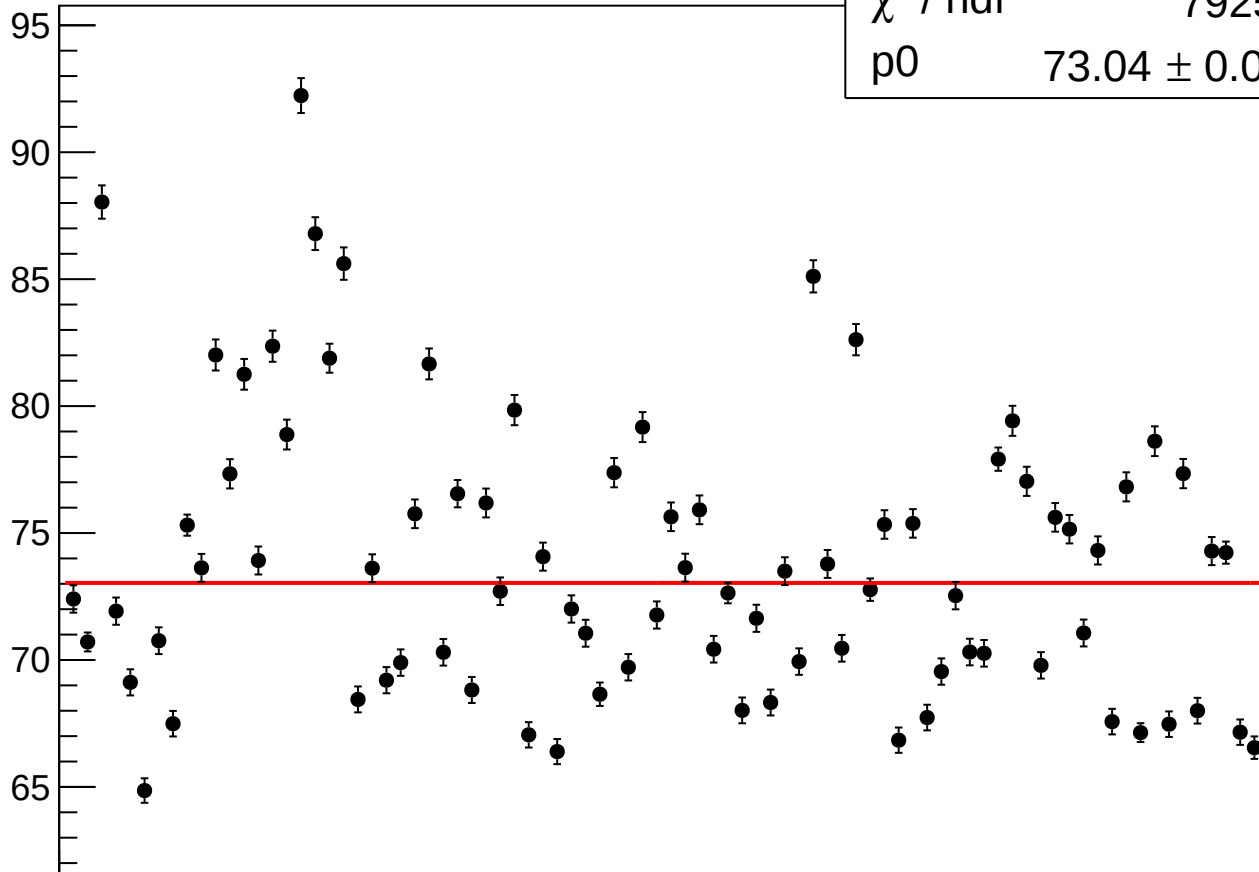
reg_asym_sam3_rms vs run

χ^2 / ndf

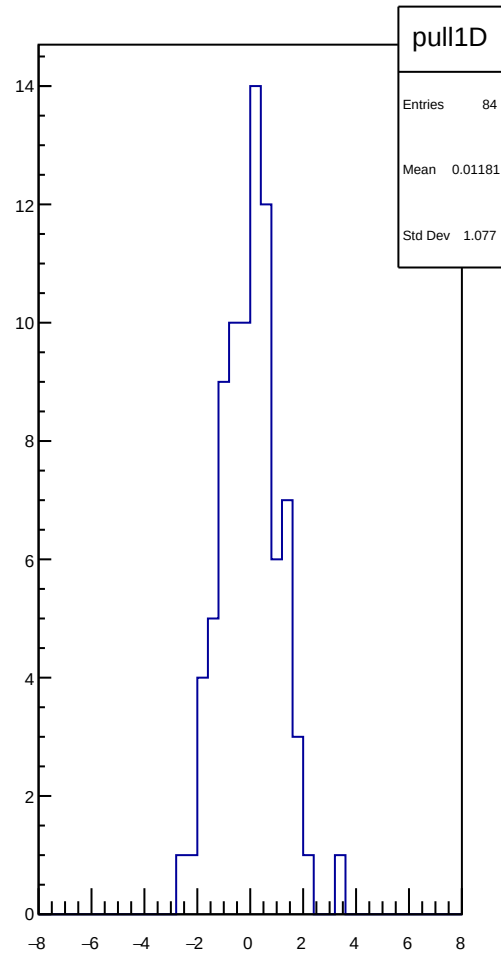
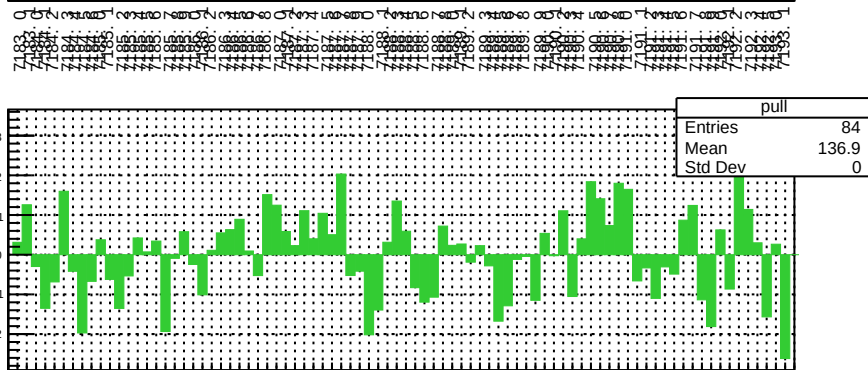
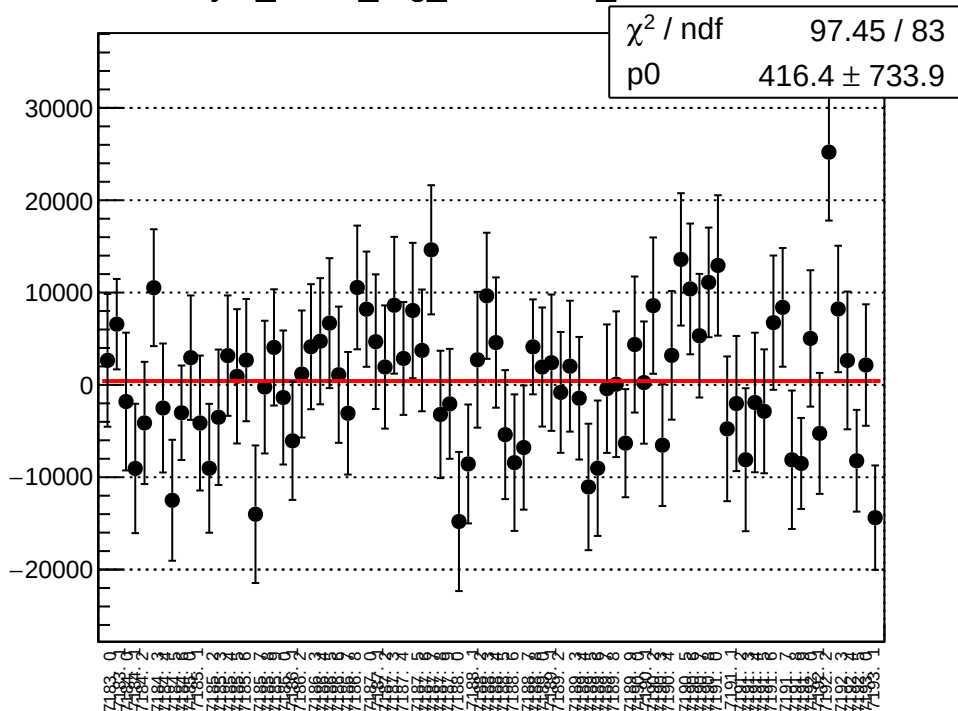
7925 / 83

p0

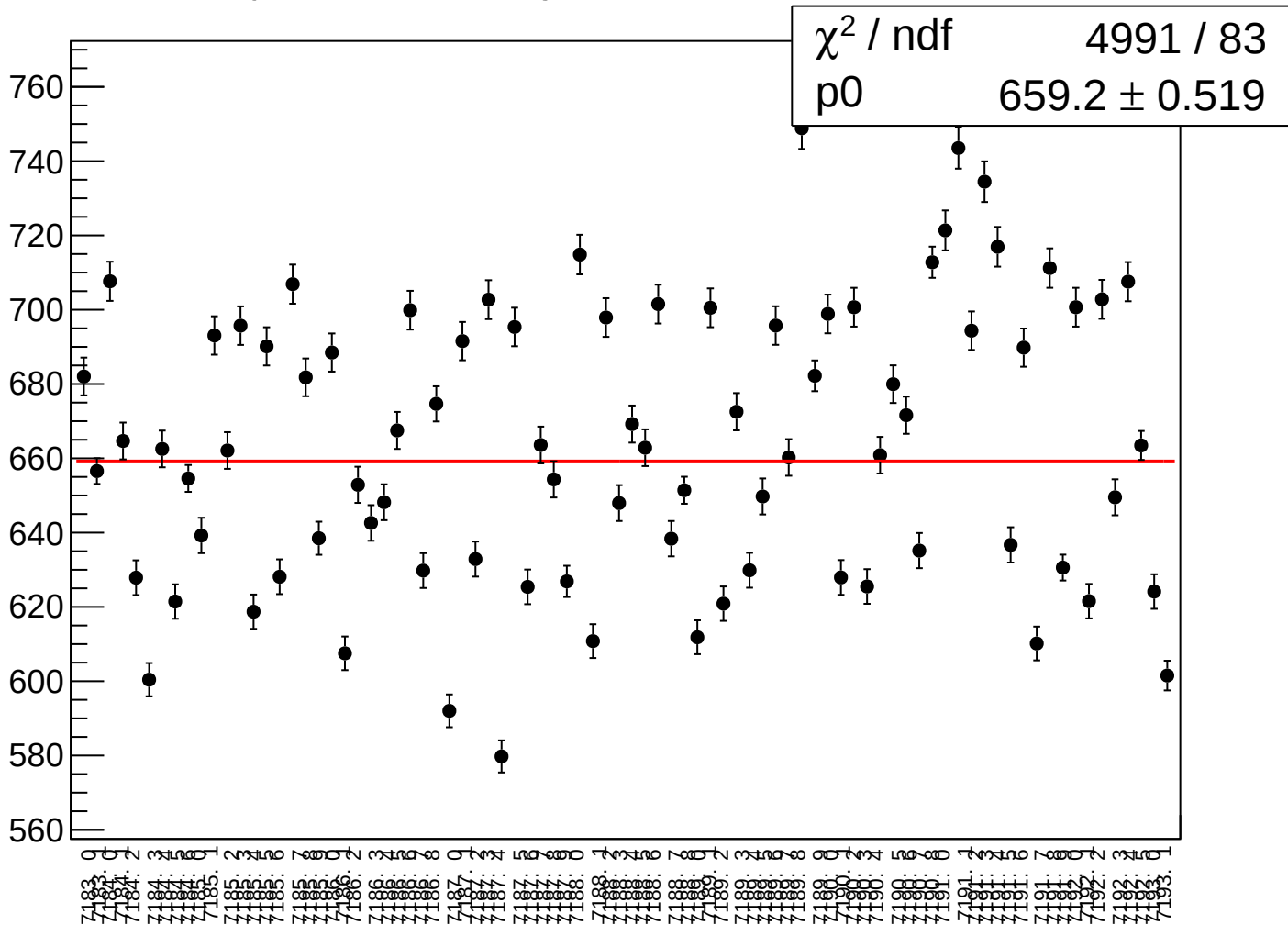
73.04 ± 0.05756



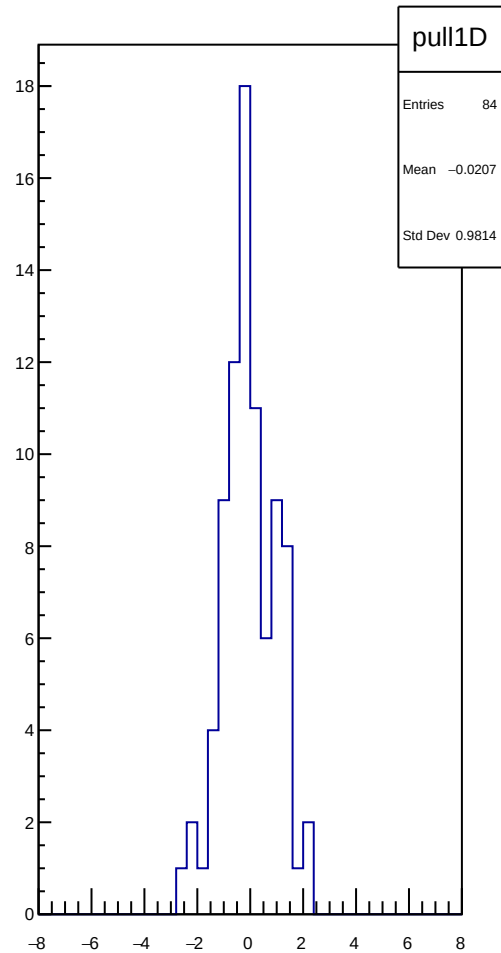
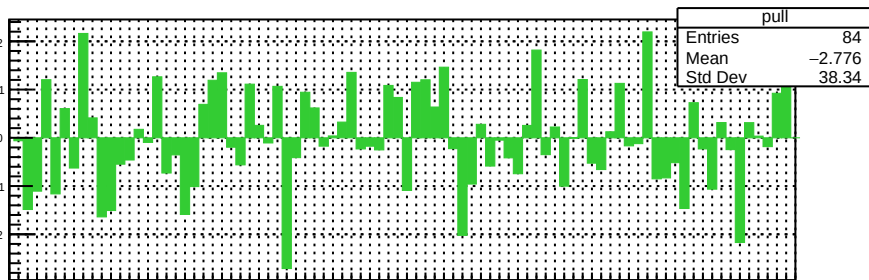
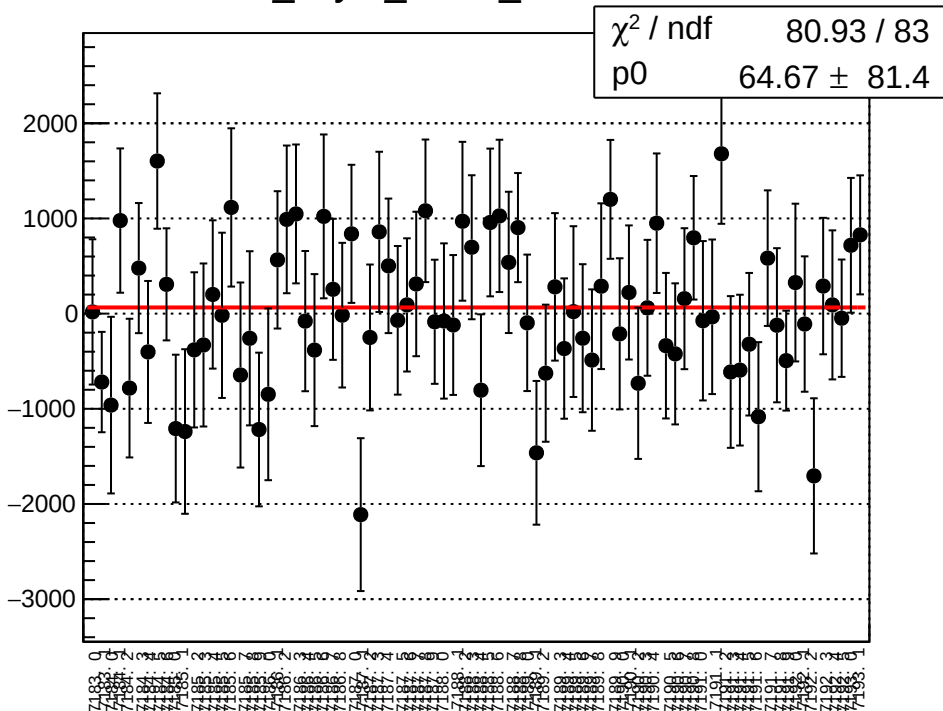
asym_sam3_reg_correction_mean vs run



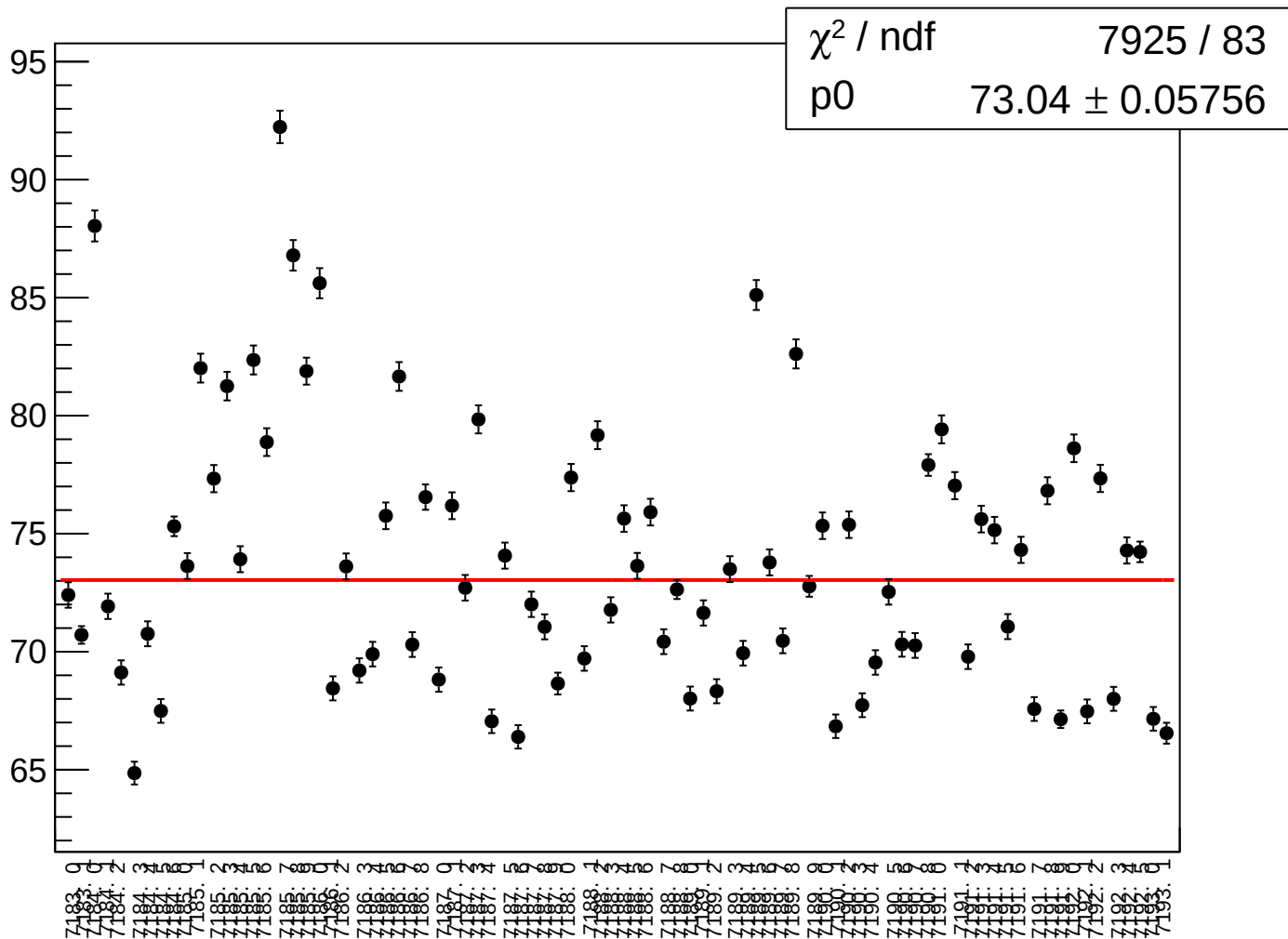
asym_sam3_reg_correction_rms vs run



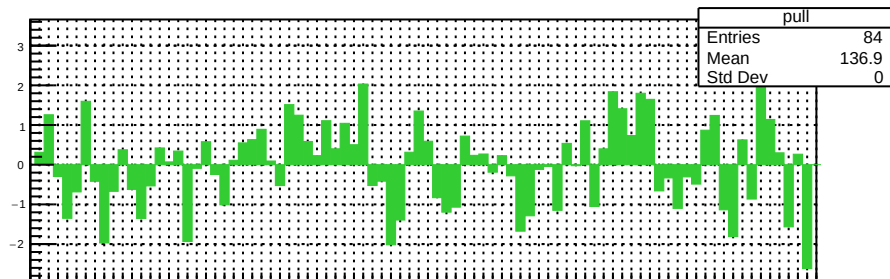
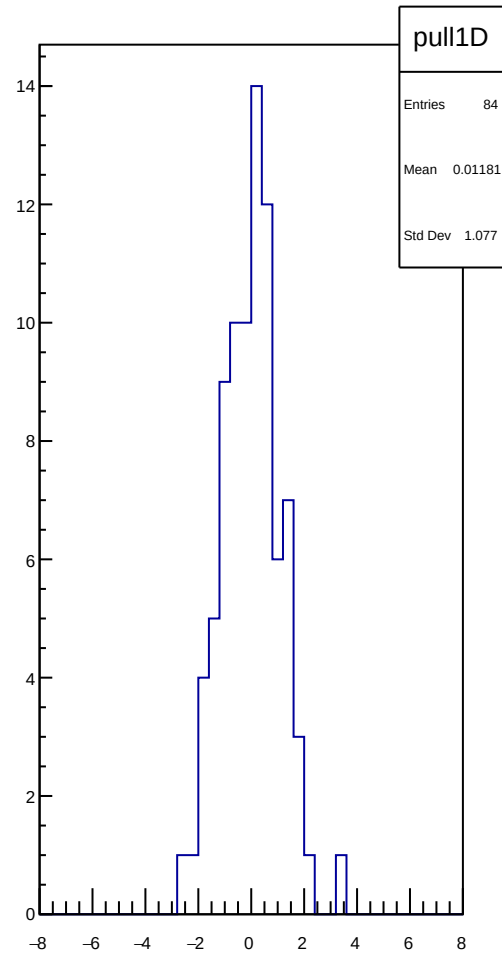
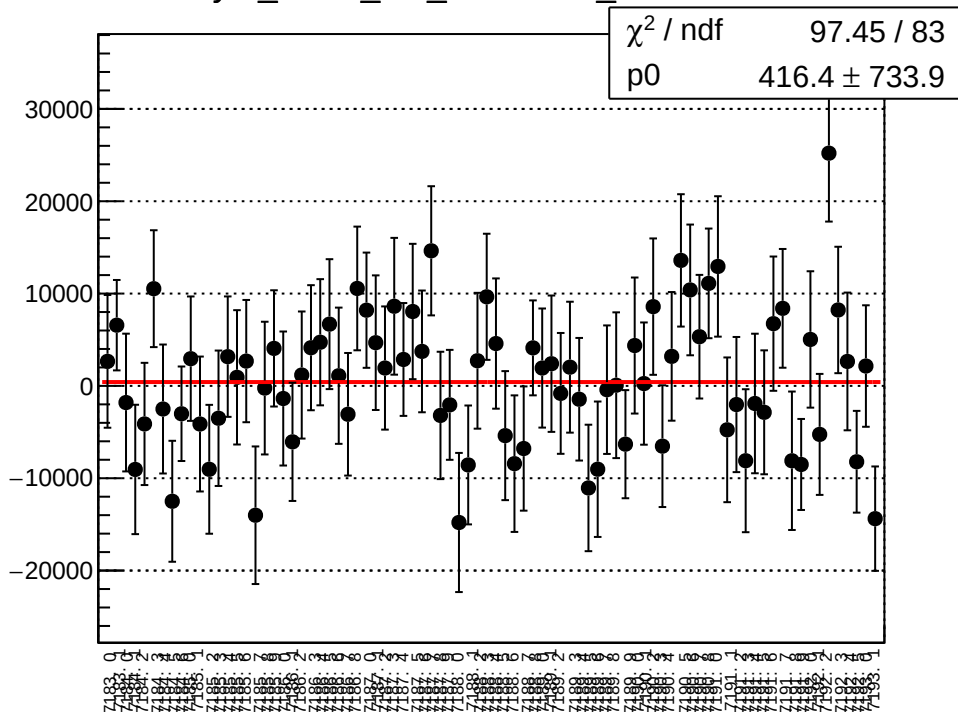
cor_asym_sam3_mean vs run



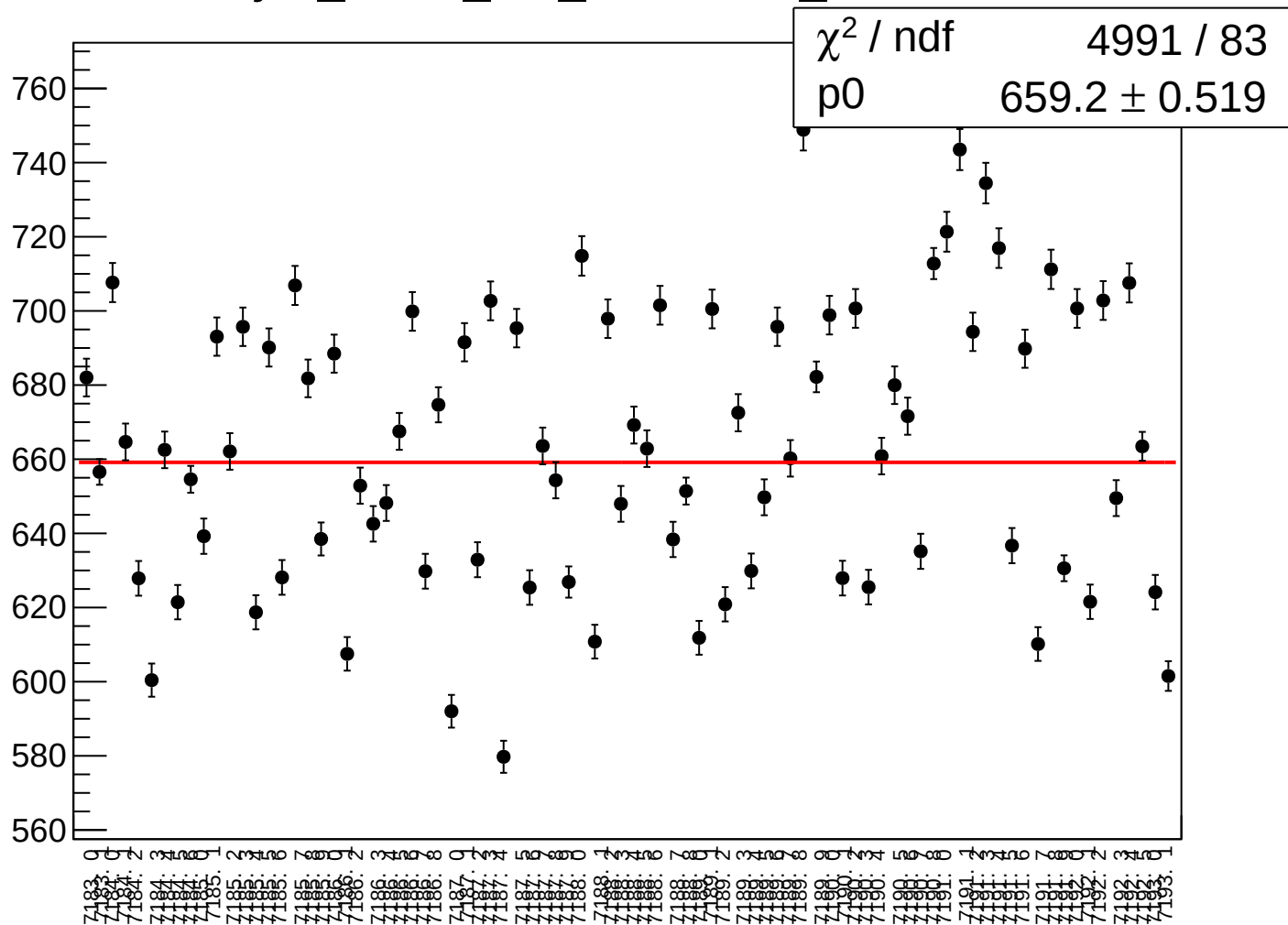
cor_asym_sam3_rms vs run



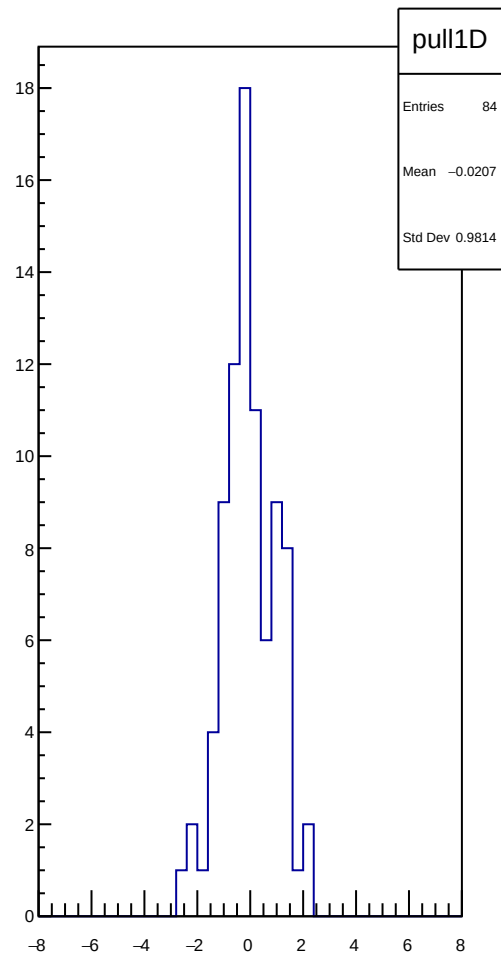
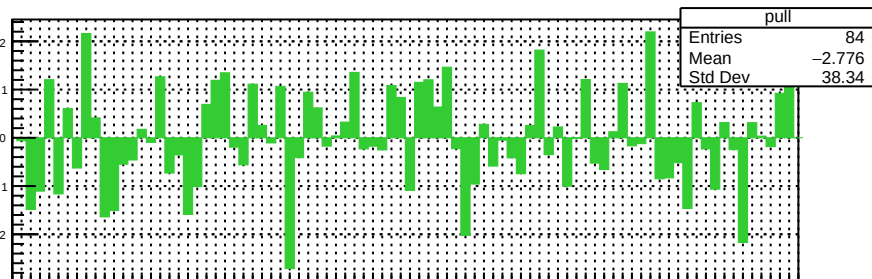
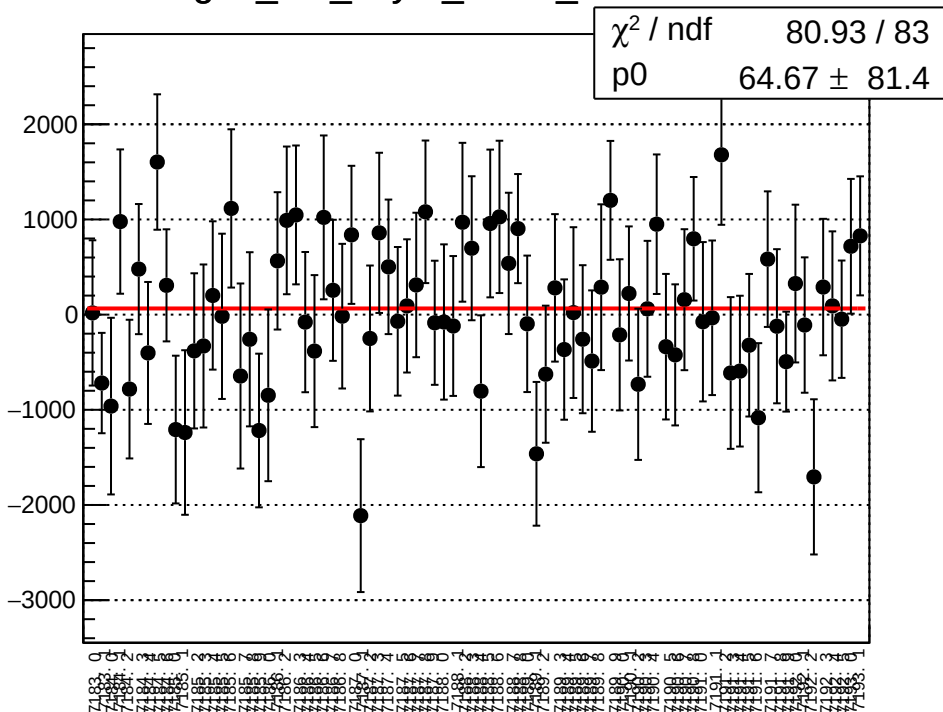
asym_sam3_cor_correction_mean vs run



asym_sam3_cor_correction_rms vs run



eigen_cor_asym_sam3_mean vs run



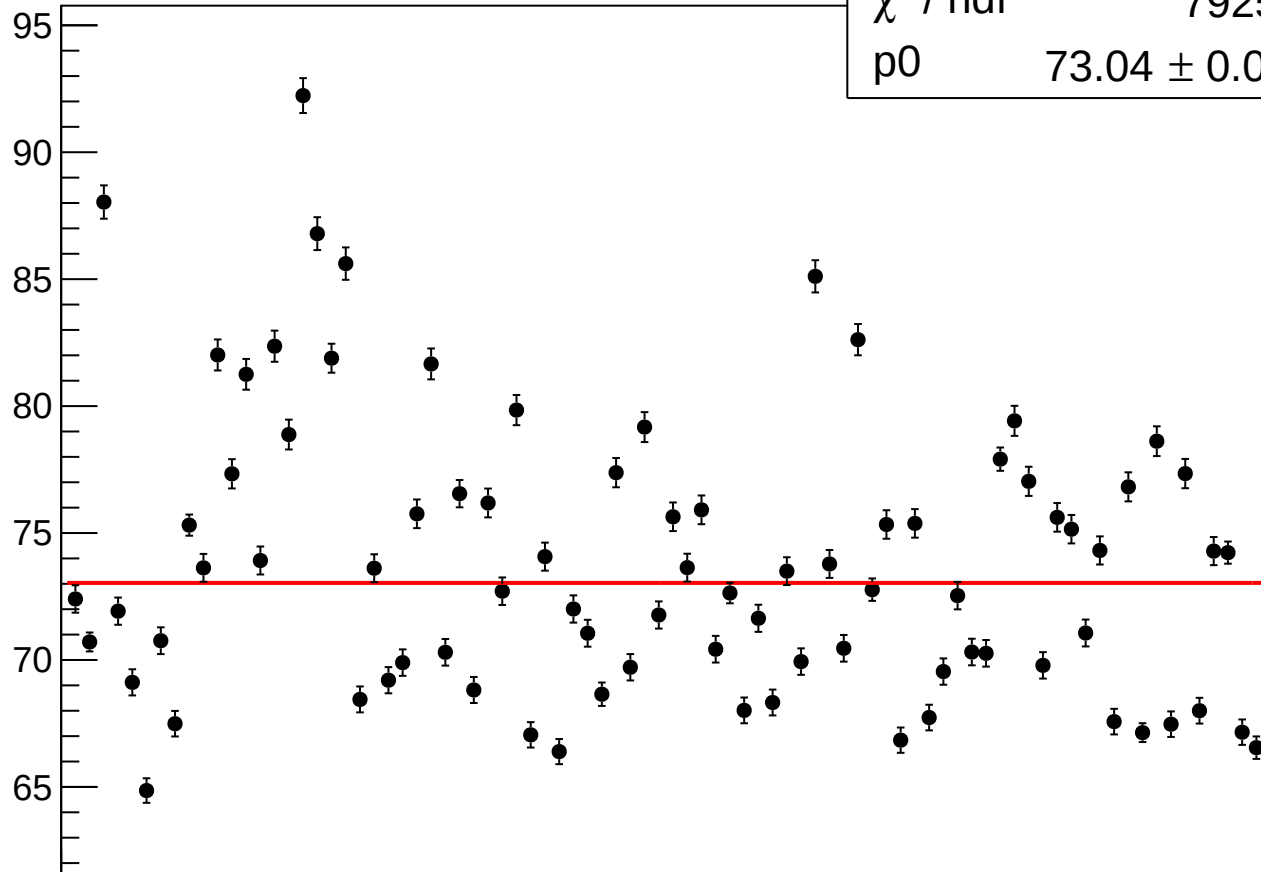
eigen_cor_asym_sam3_rms vs run

χ^2 / ndf

7925 / 83

p0

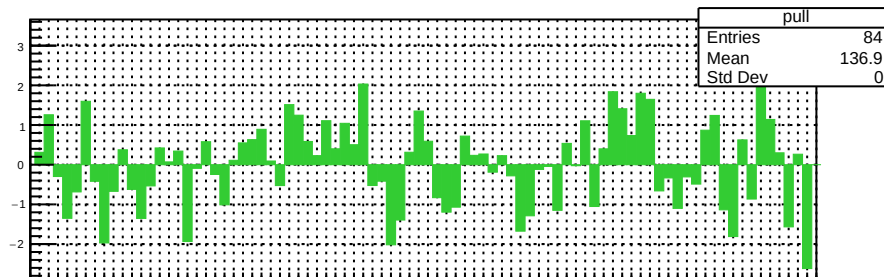
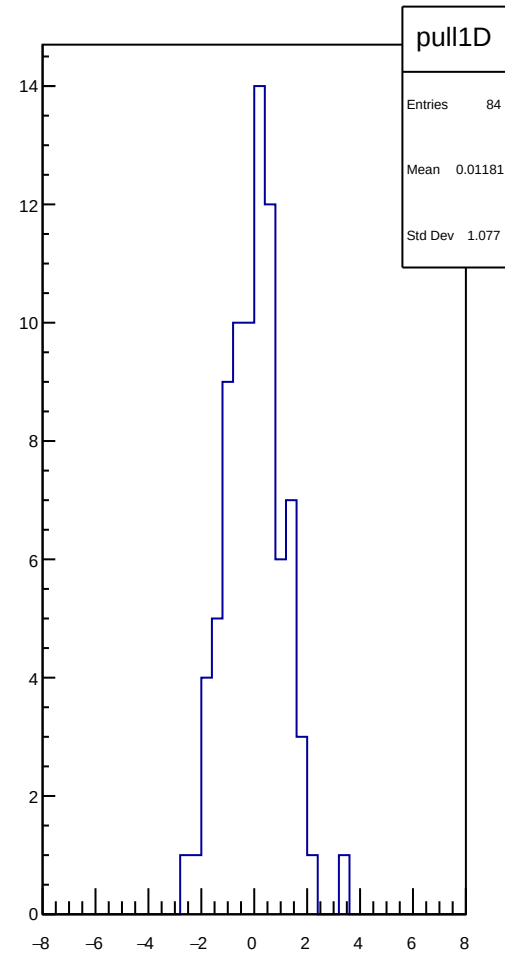
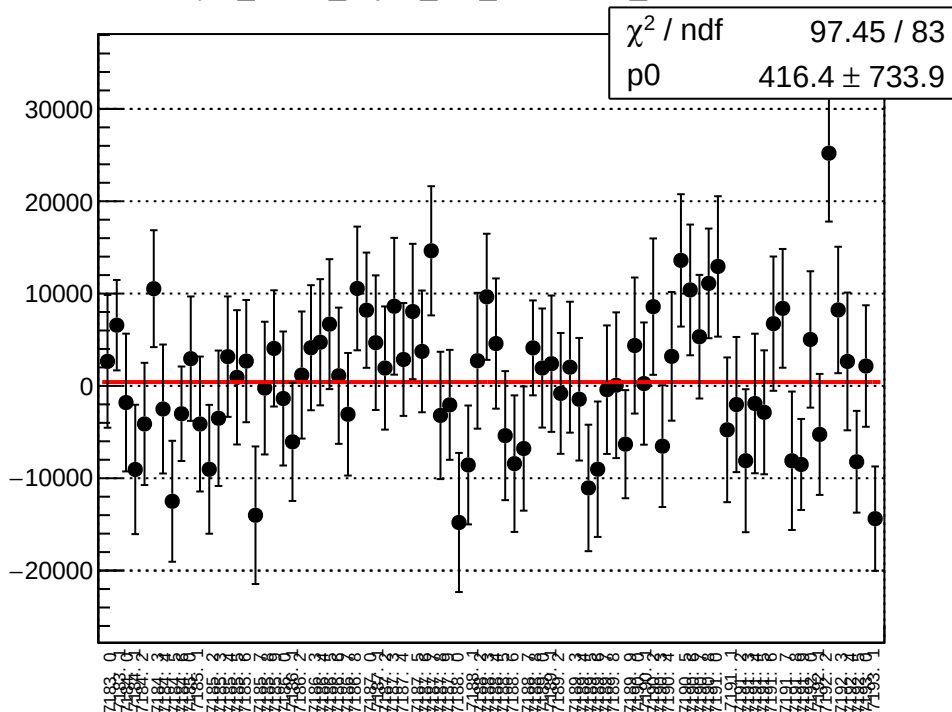
73.04 ± 0.05756



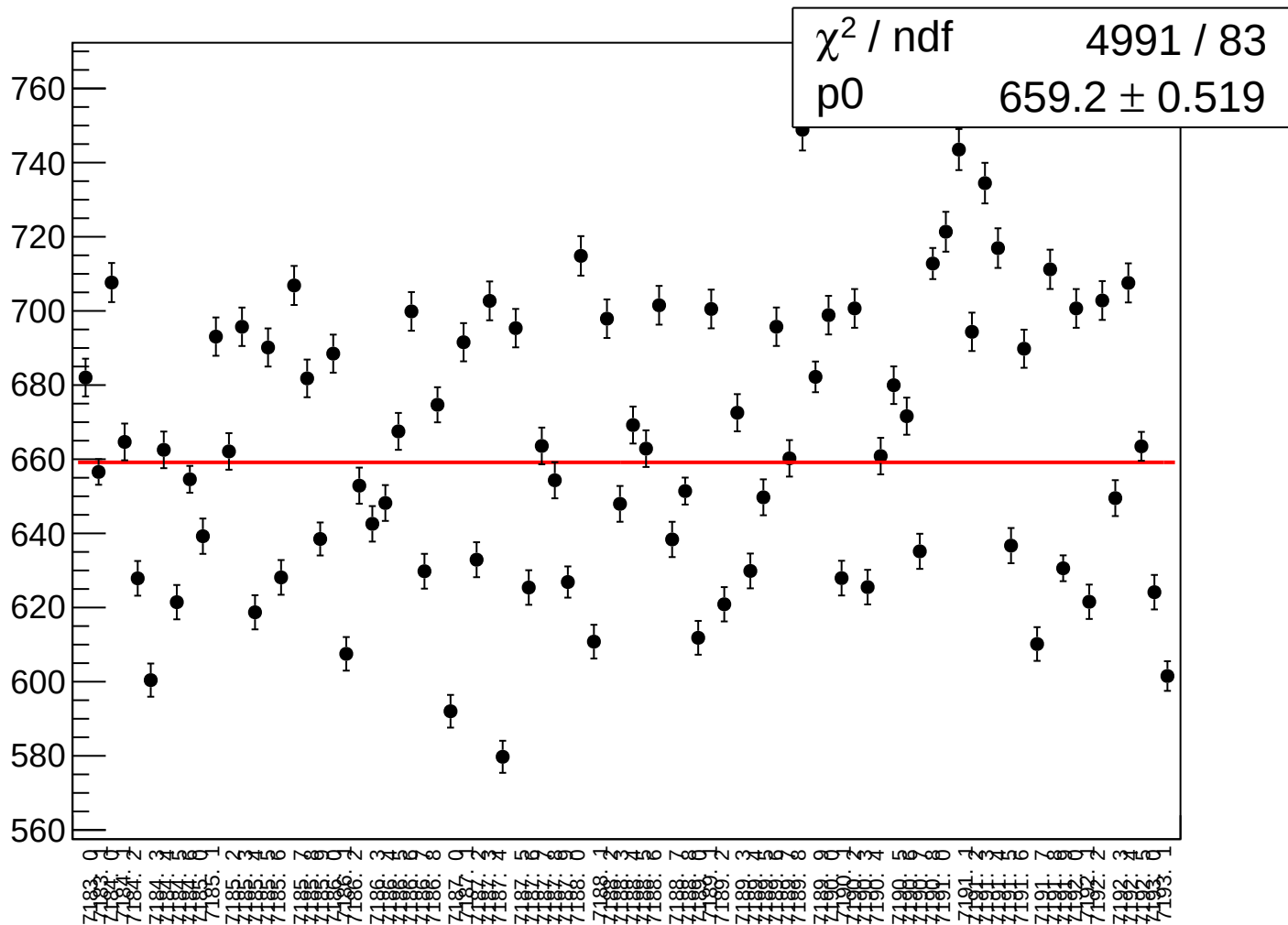
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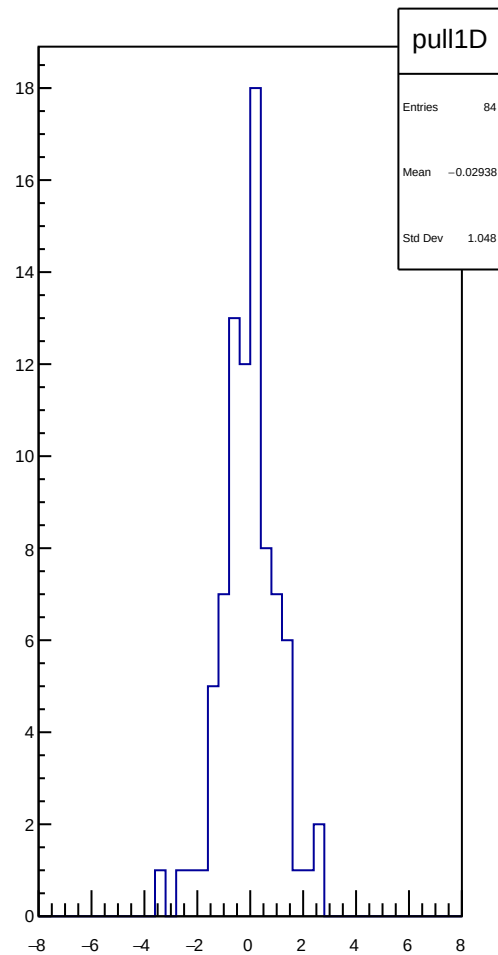
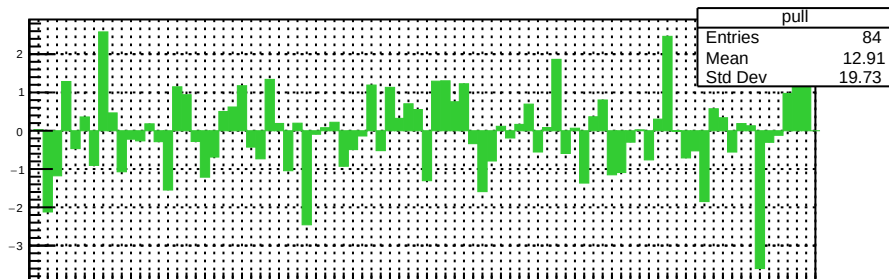
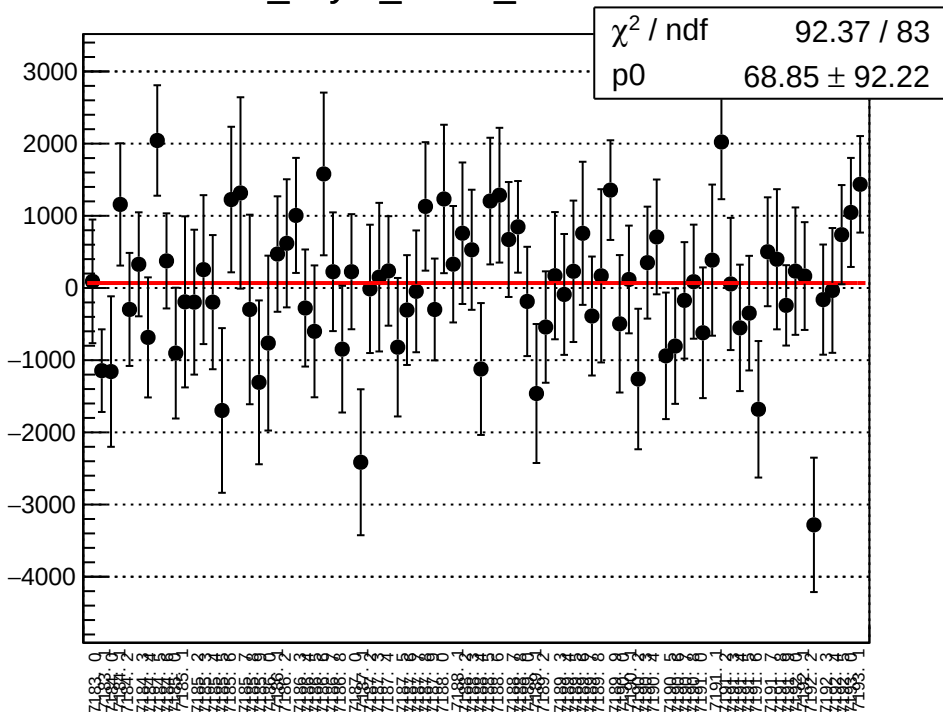
asym_sam3_eigen_cor_correction_mean vs run



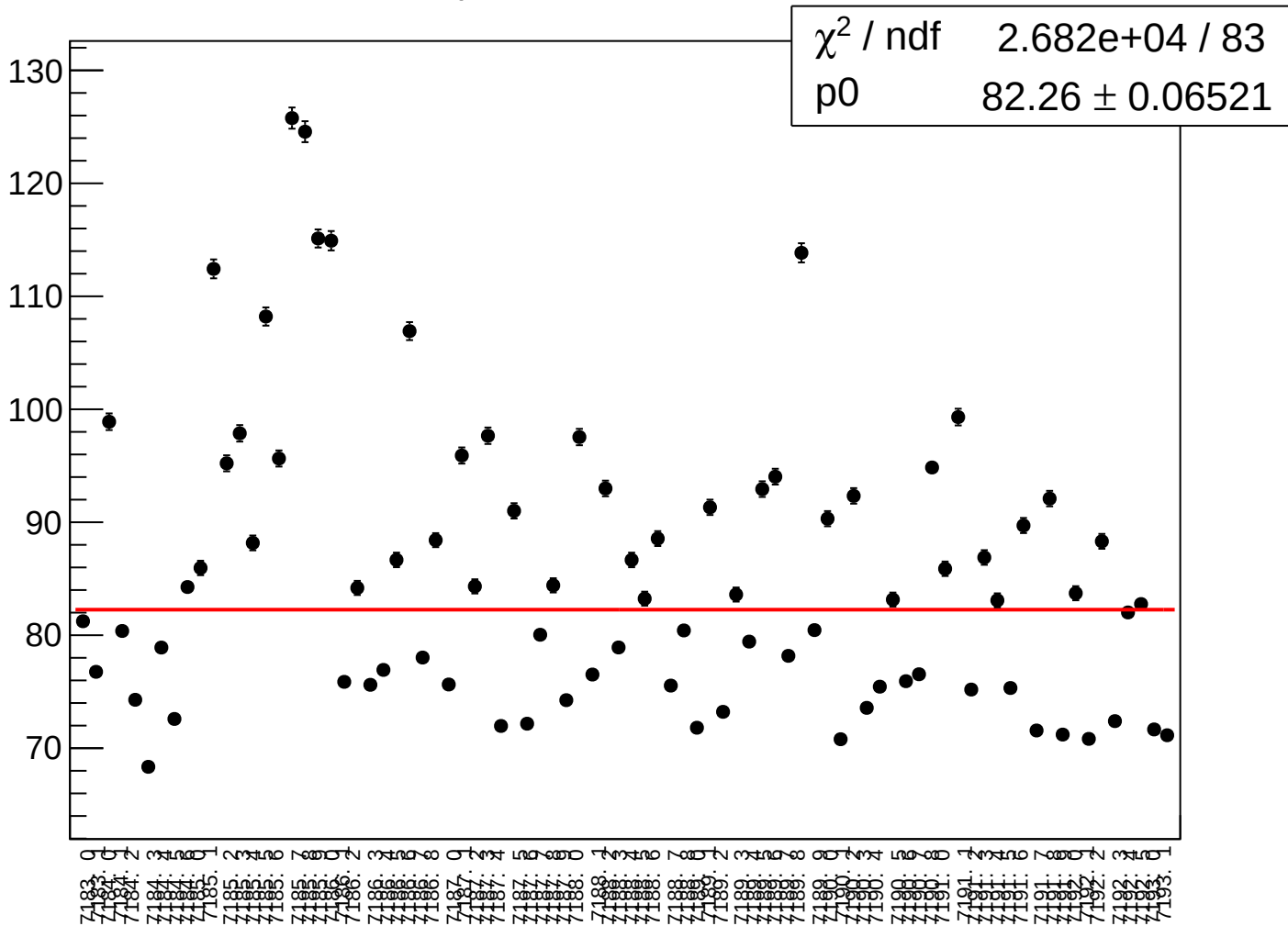
asym_sam3_eigen_cor_correction_rms vs run



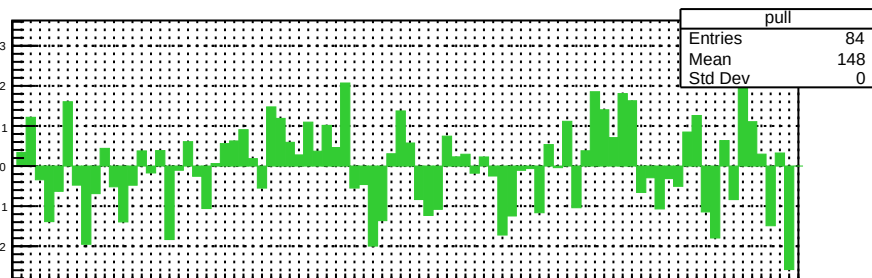
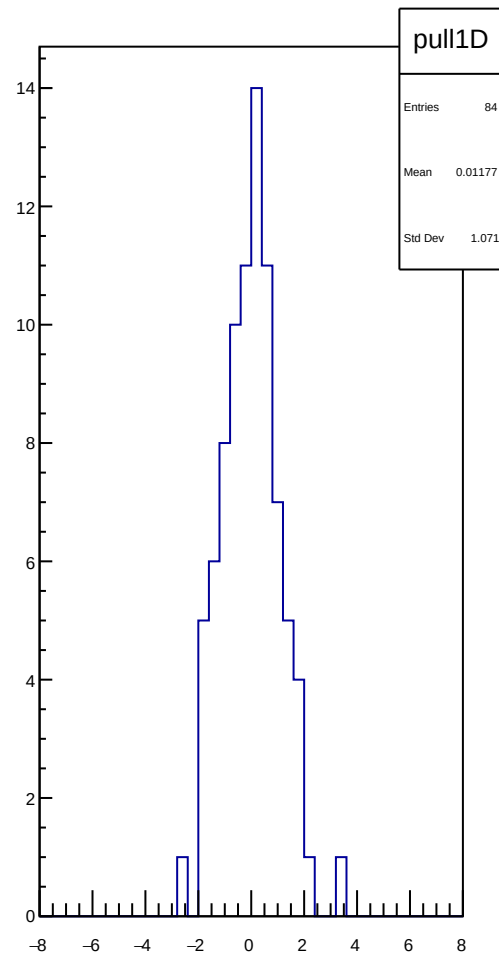
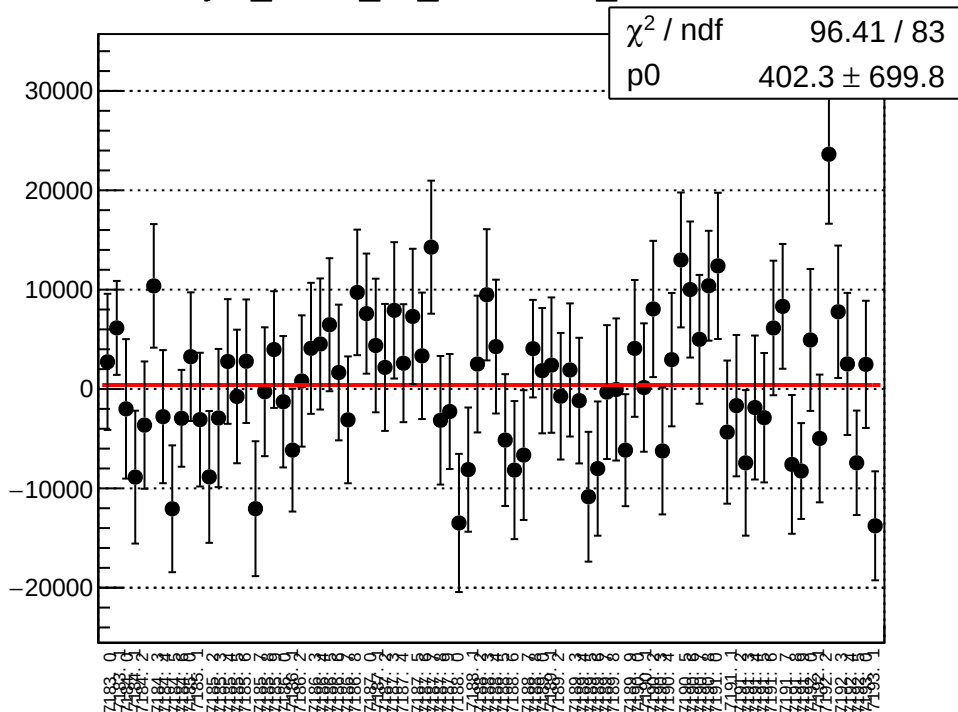
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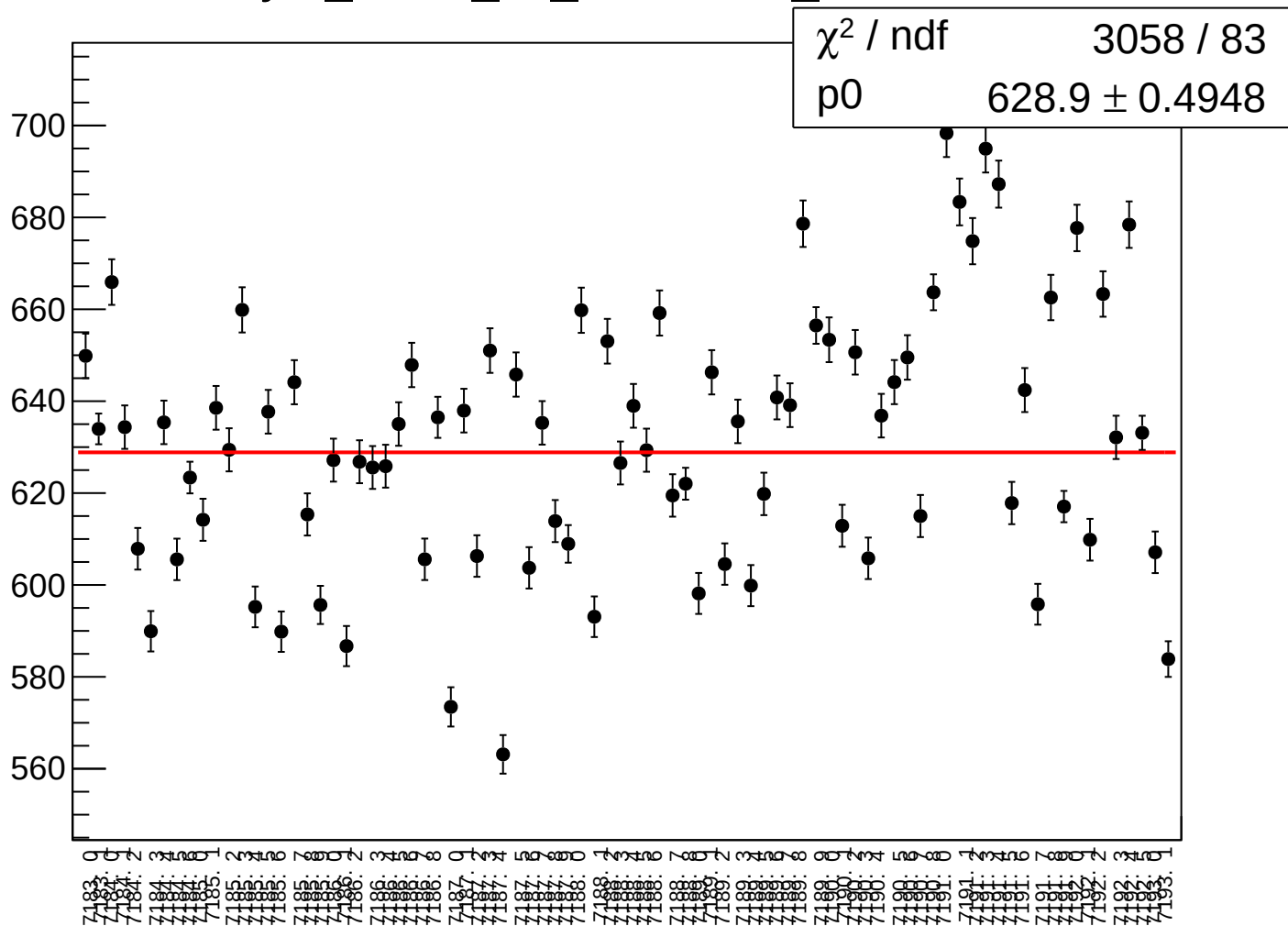
dit_asym_sam3_rms vs run



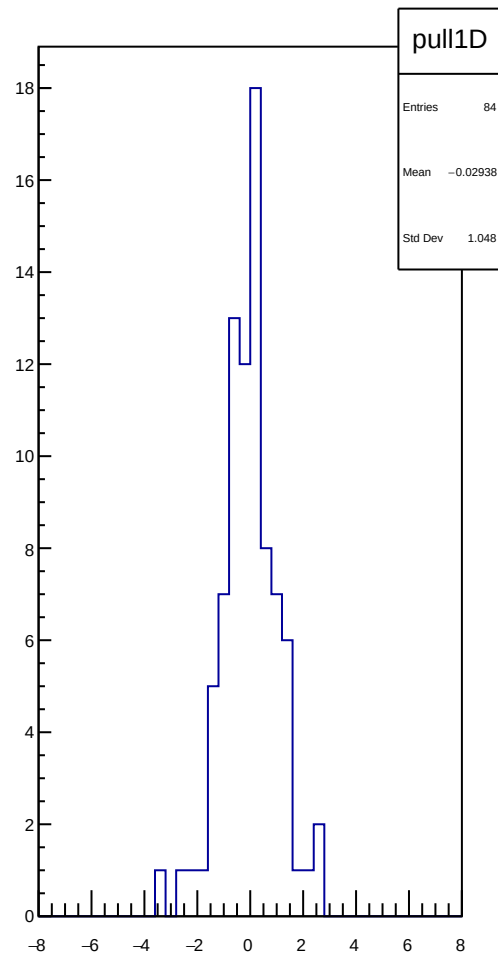
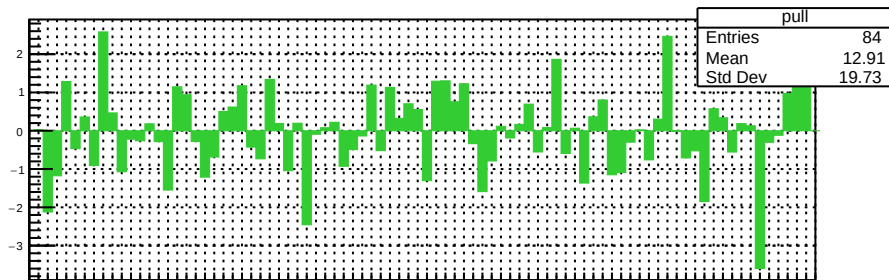
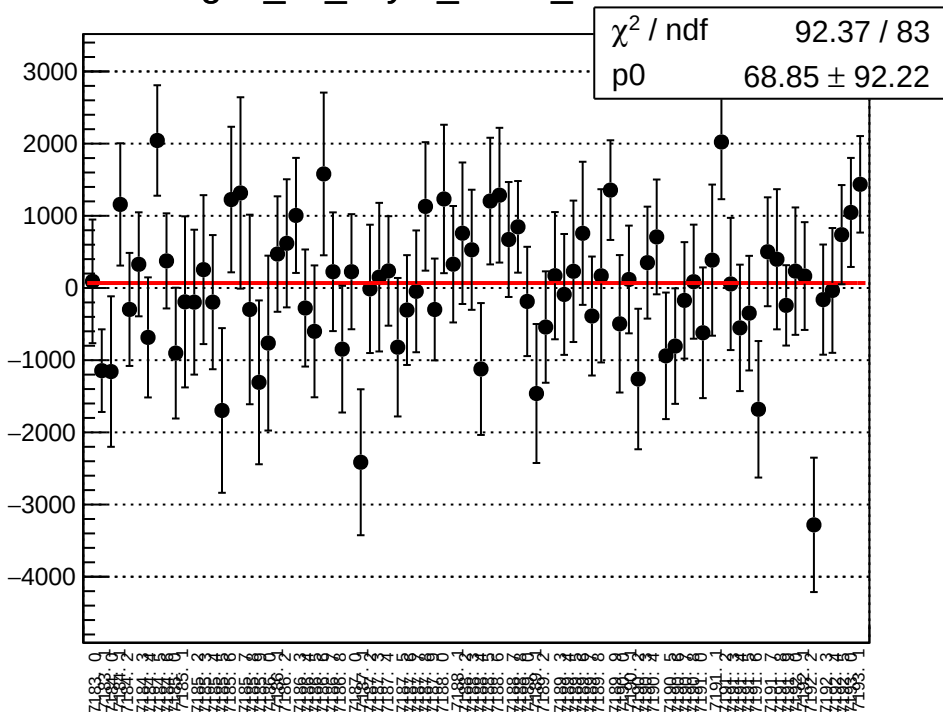
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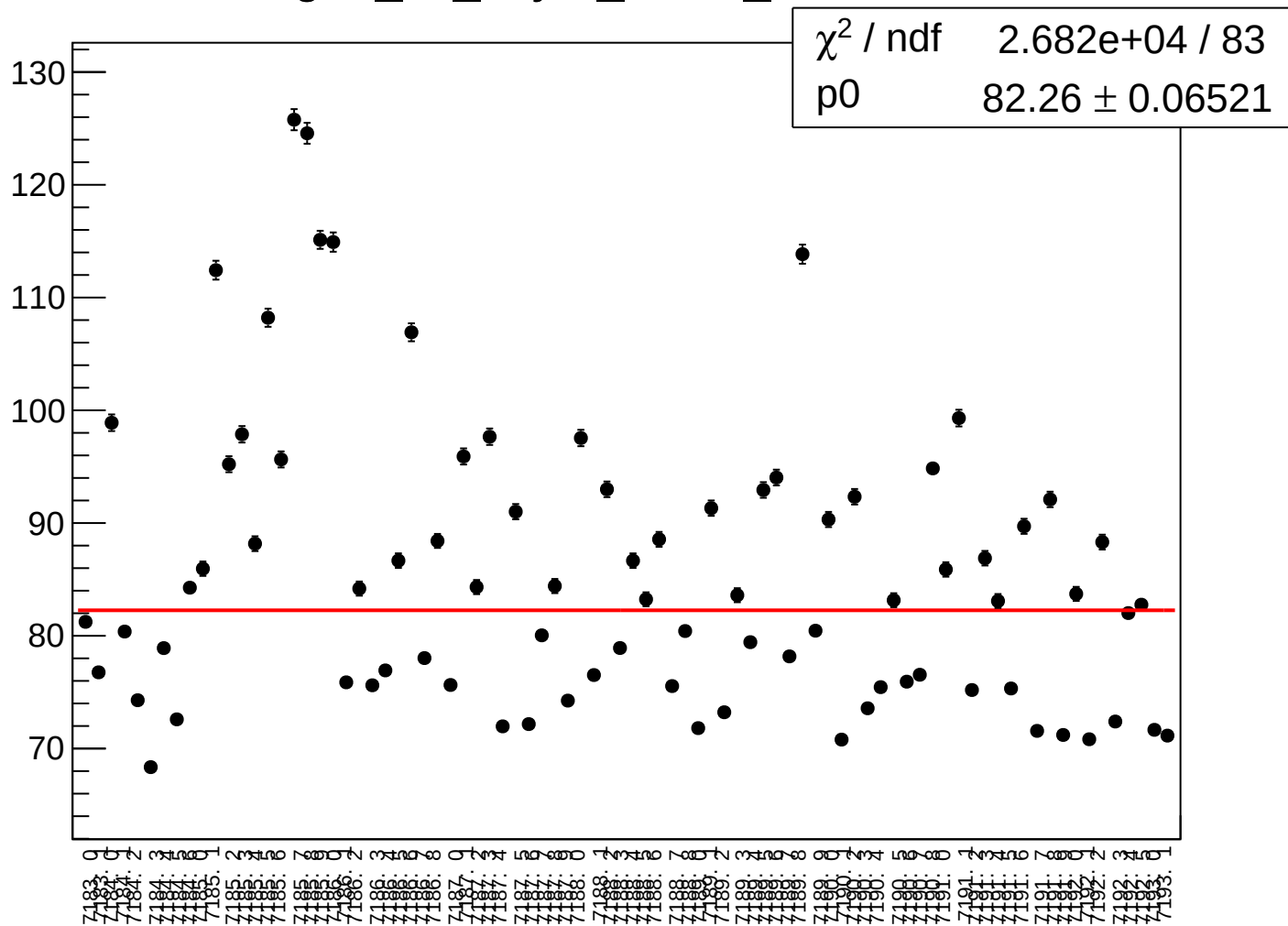
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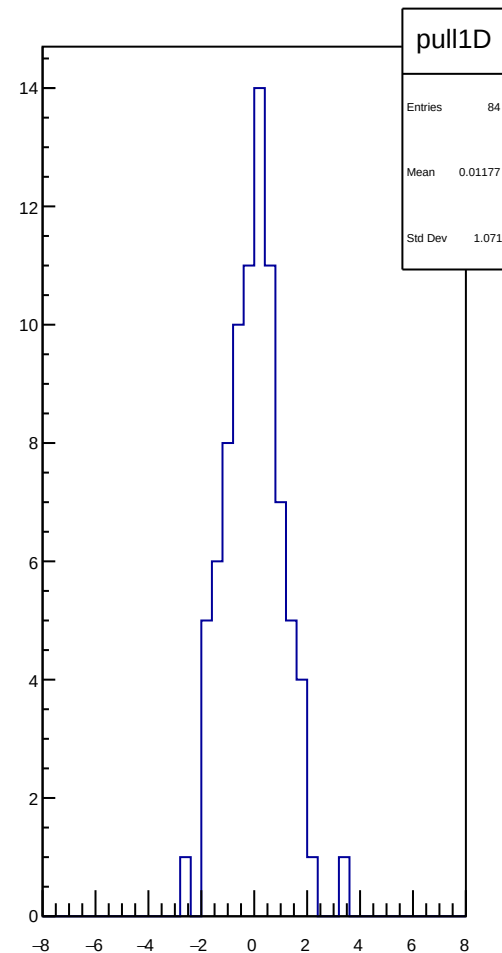
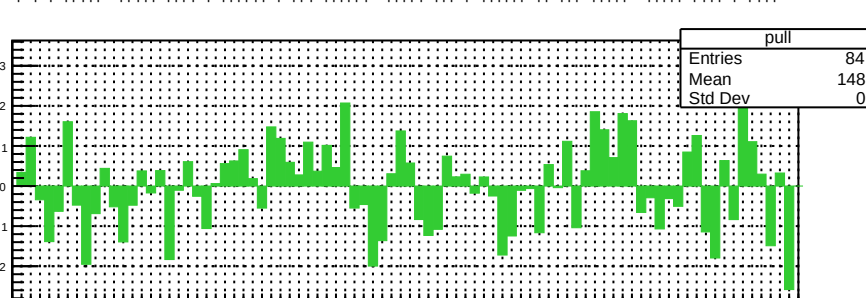
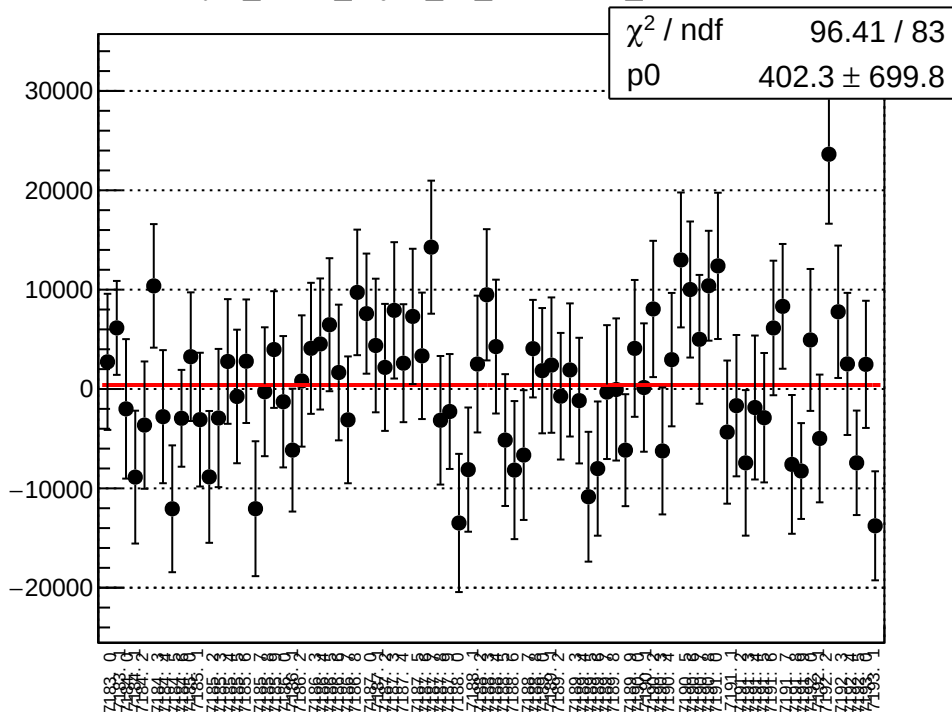
eigen_dit_asym_sam3_mean vs run



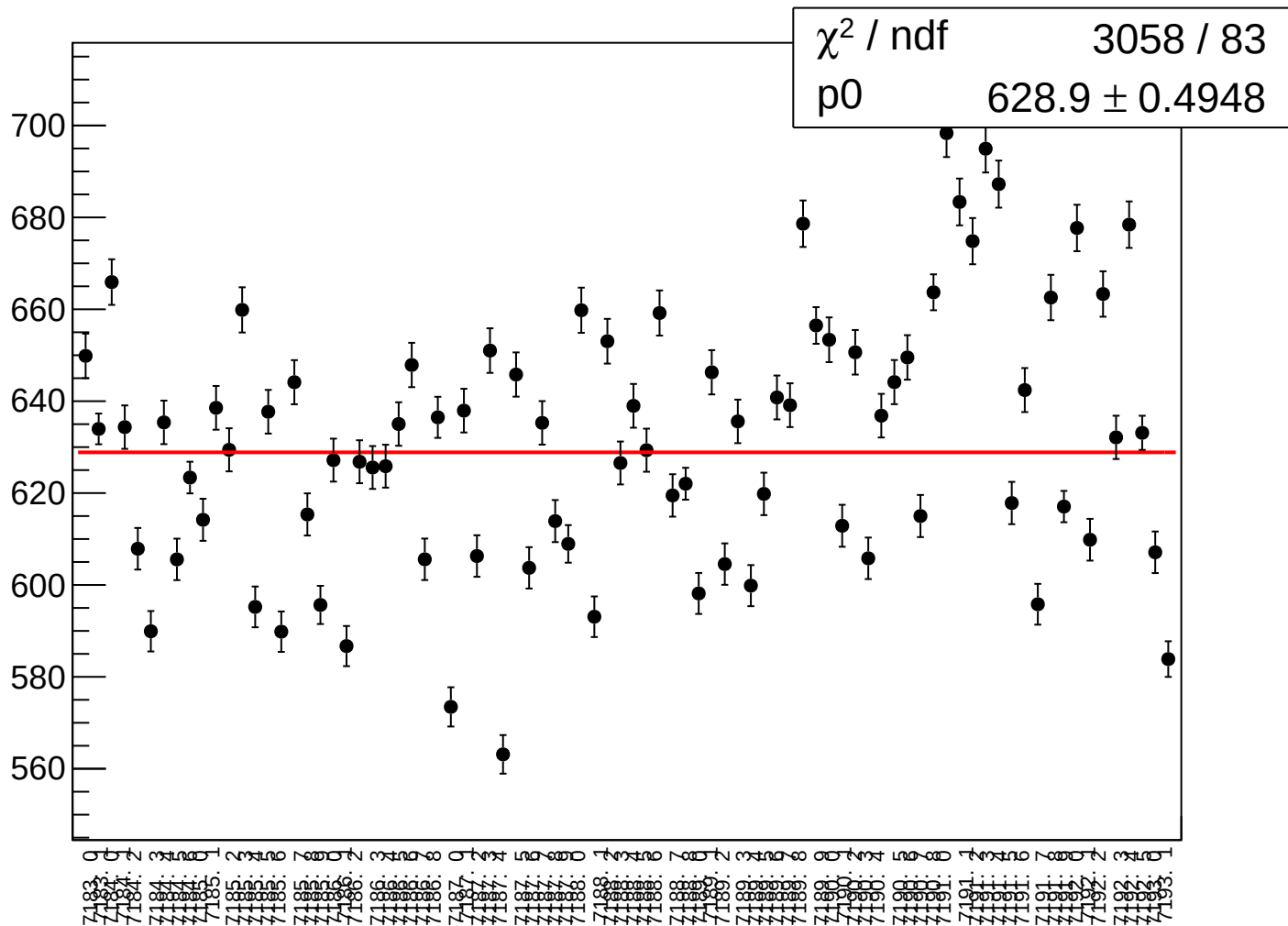
eigen_dit_asym_sam3_rms vs run



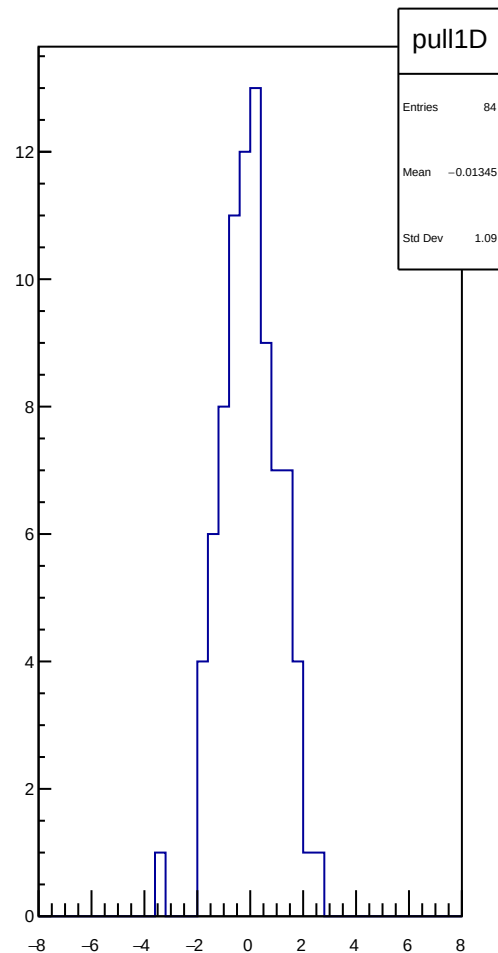
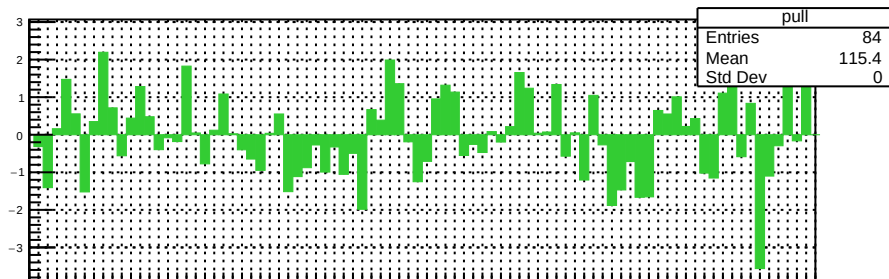
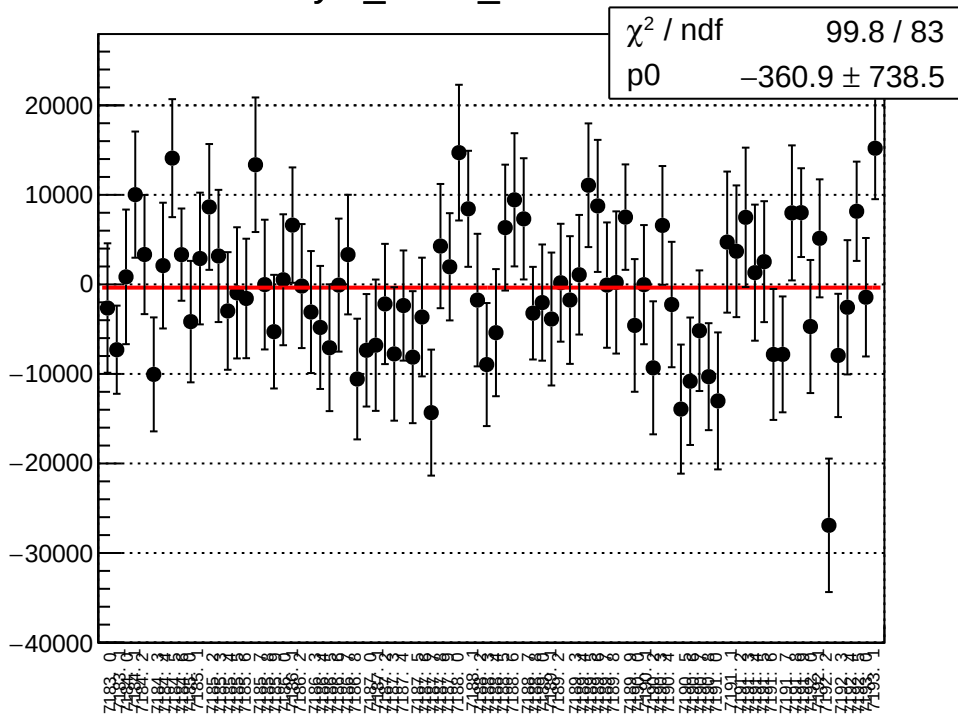
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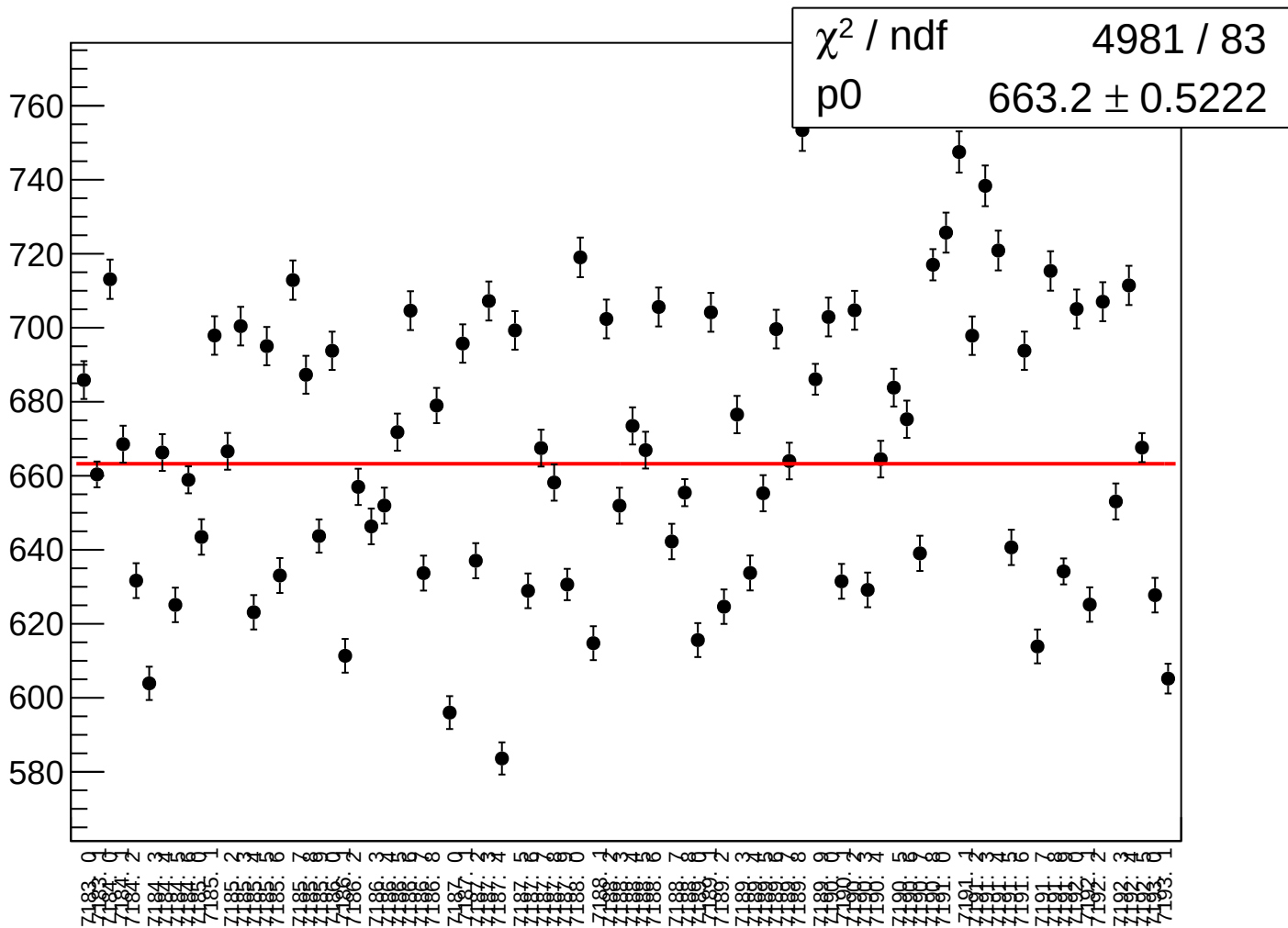
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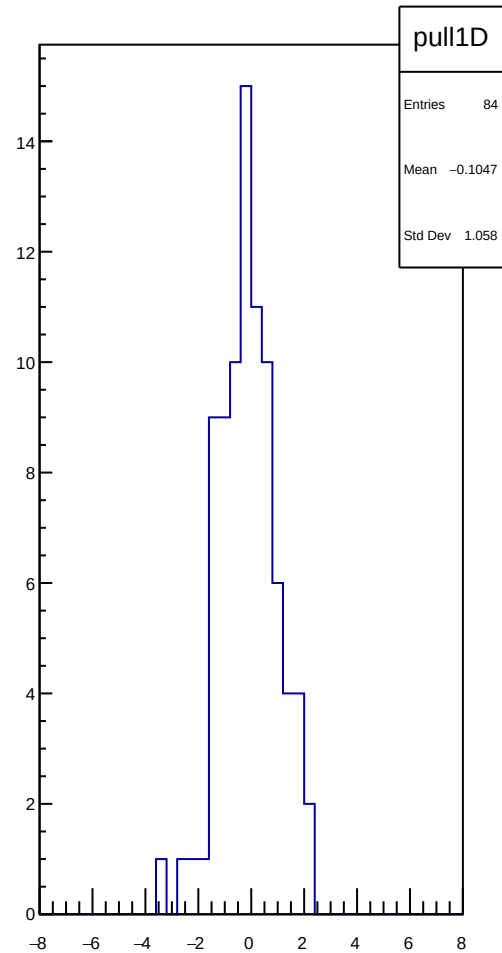
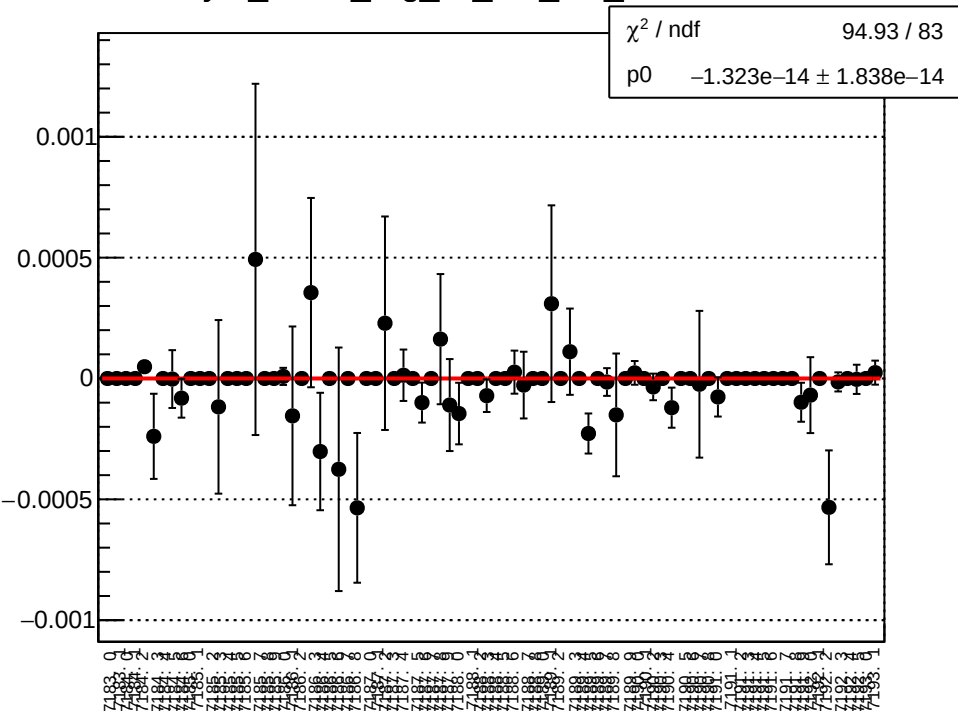
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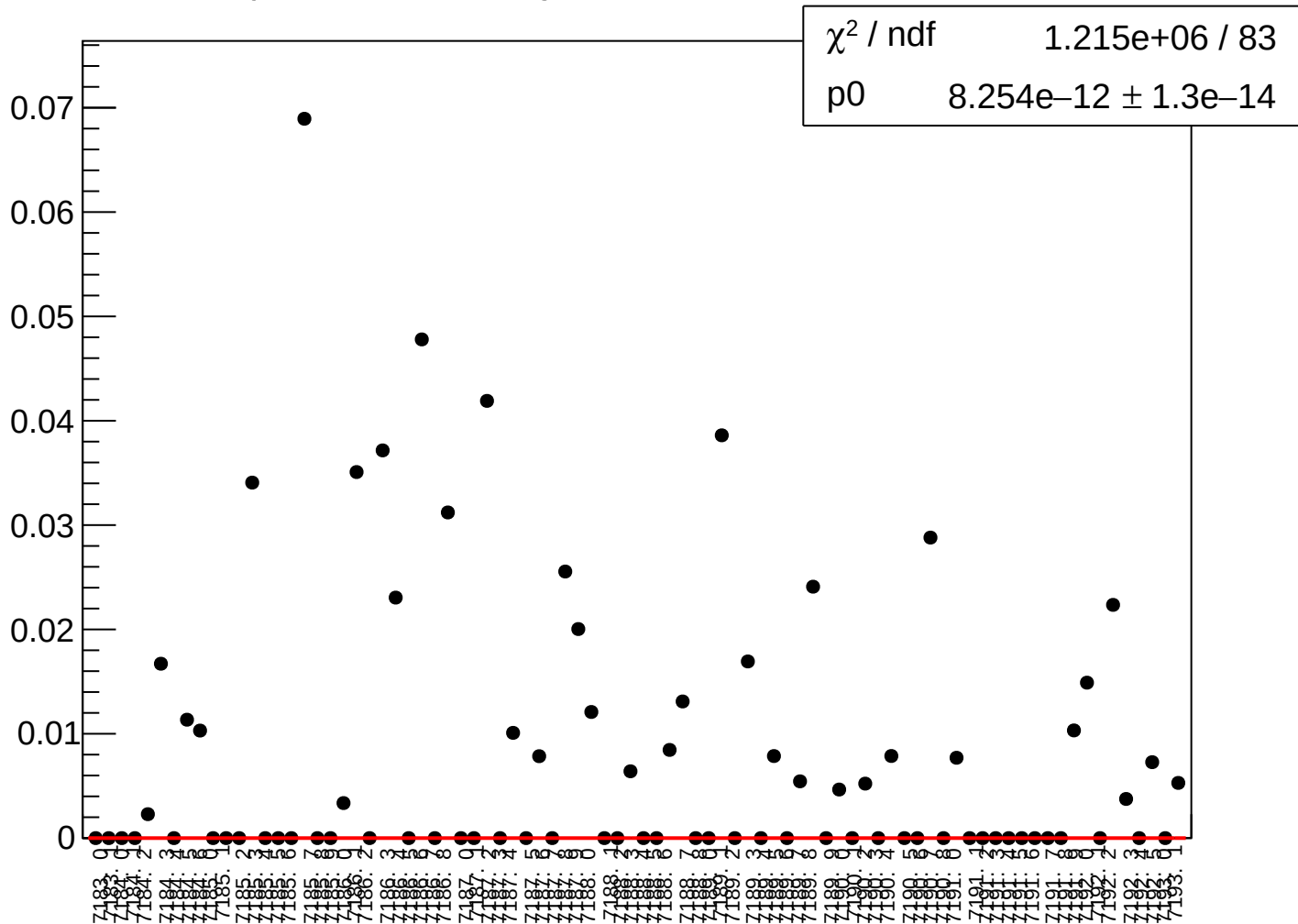
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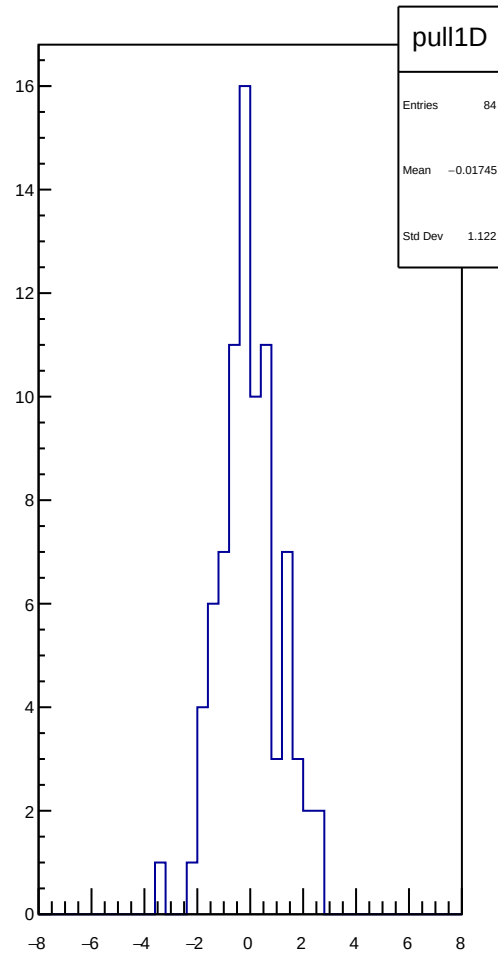
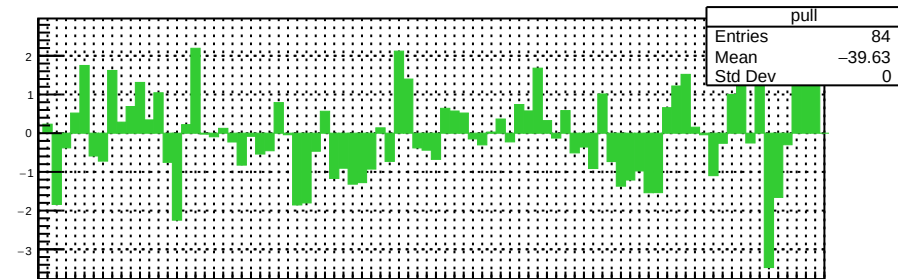
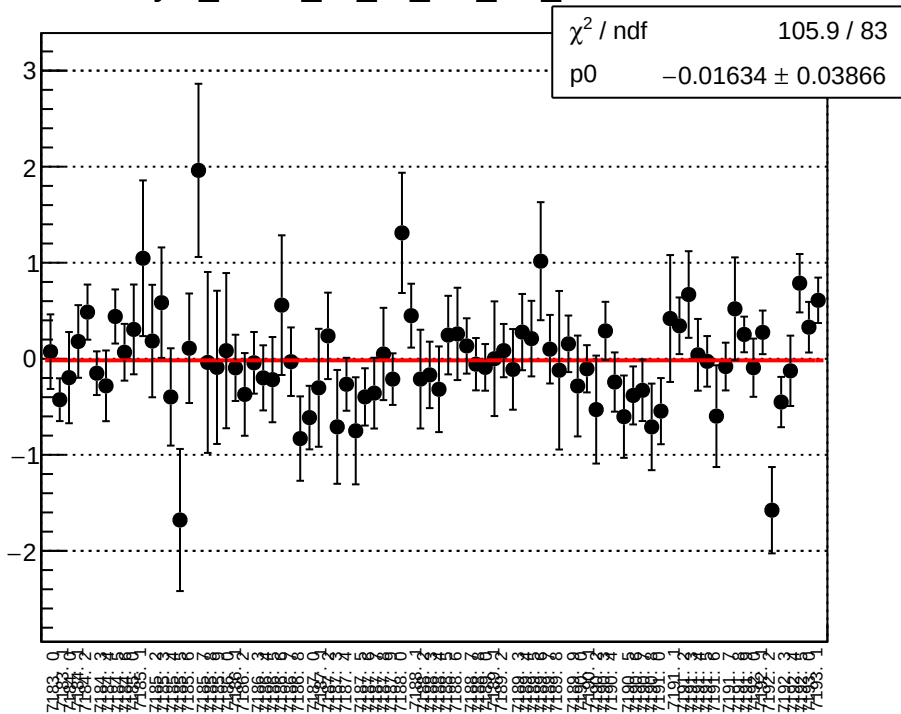
asym_sam3_reg_vs_cor_diff_mean vs run



asym_sam3_reg_vs_cor_diff_rms vs run



asym_sam3_dit_vs_cor_diff_mean vs run



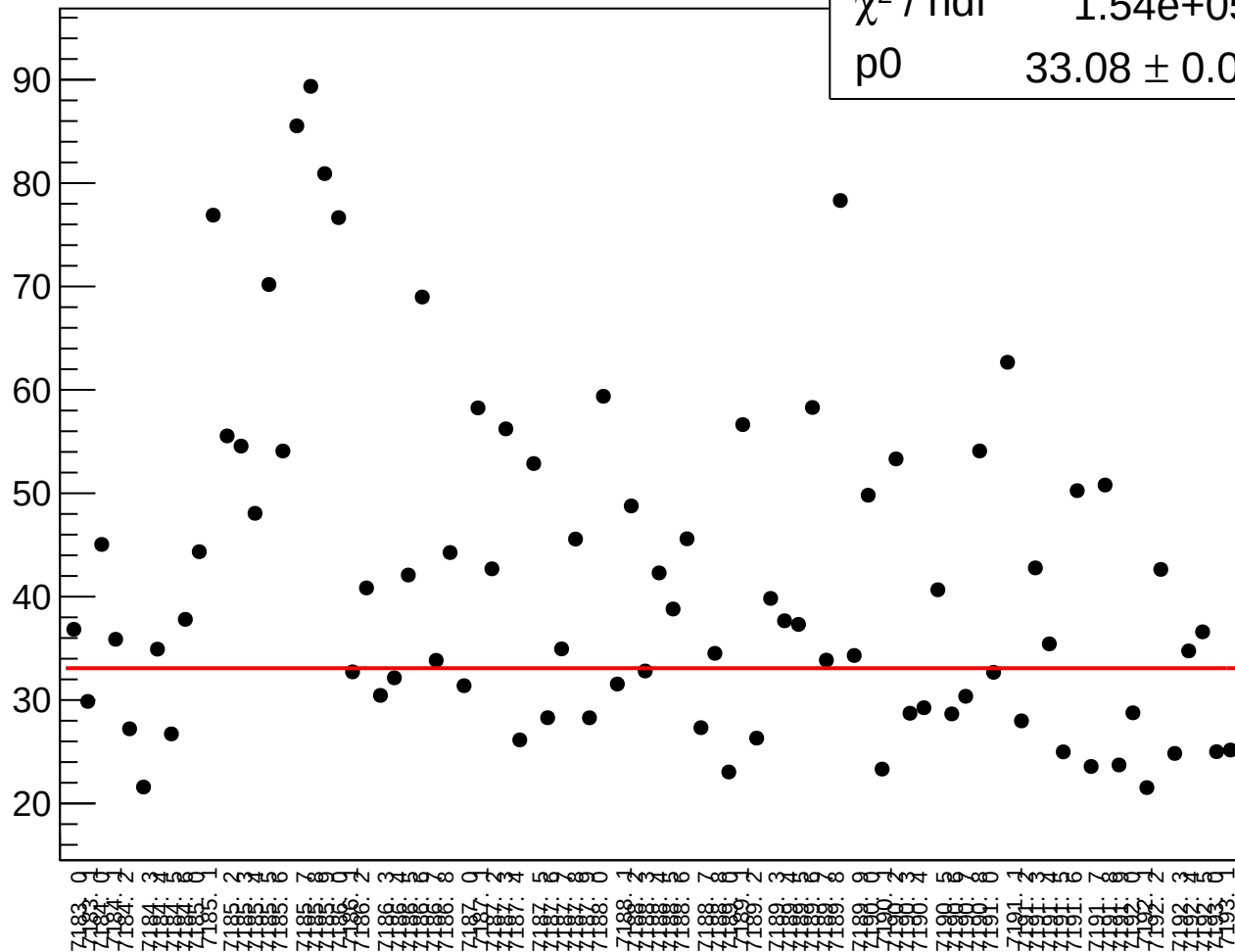
asym_sam3_dit_vs_cor_diff_rms vs run

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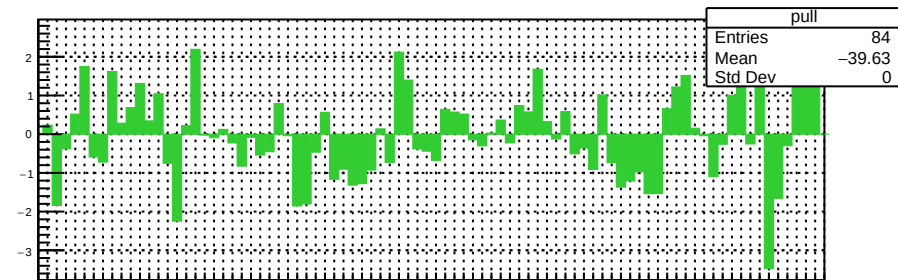
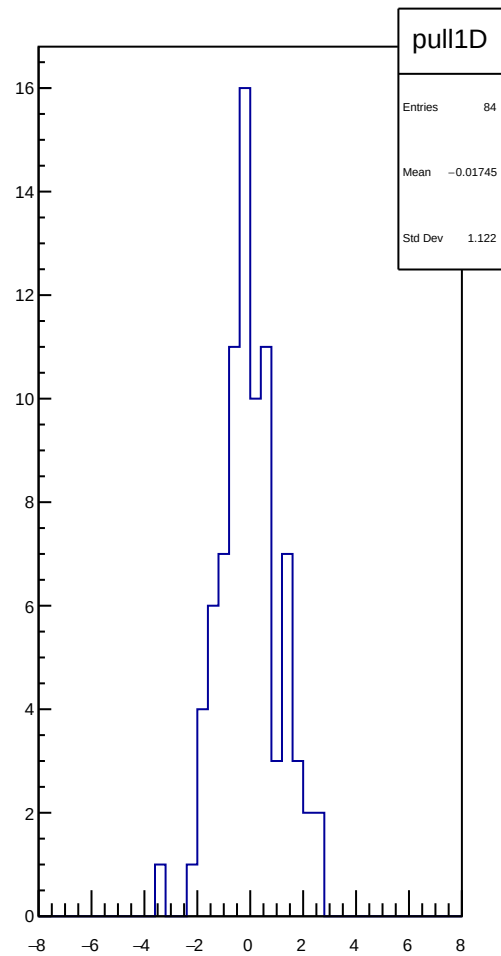
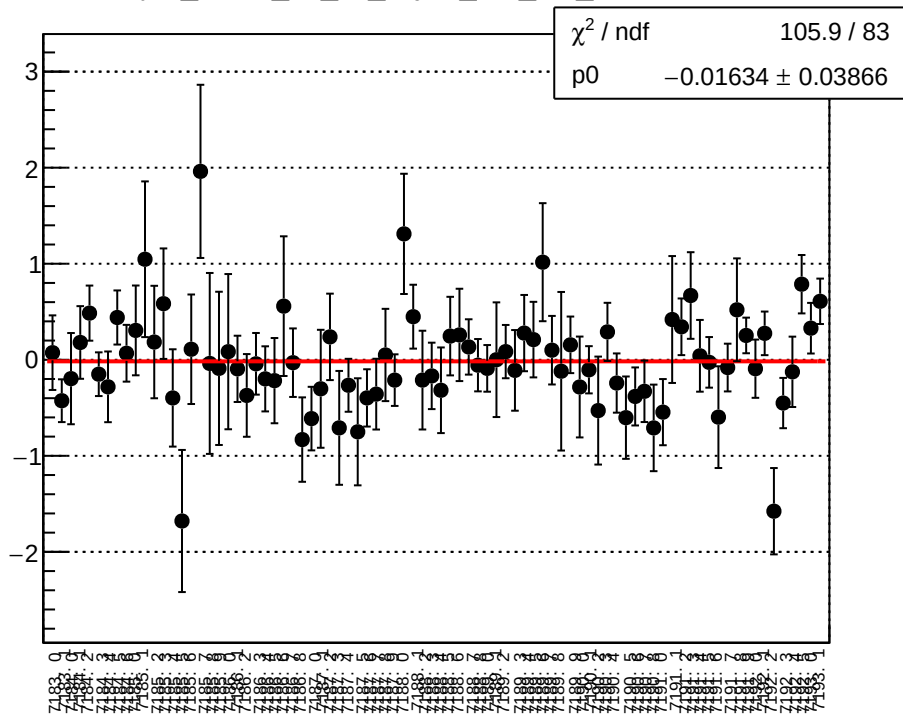
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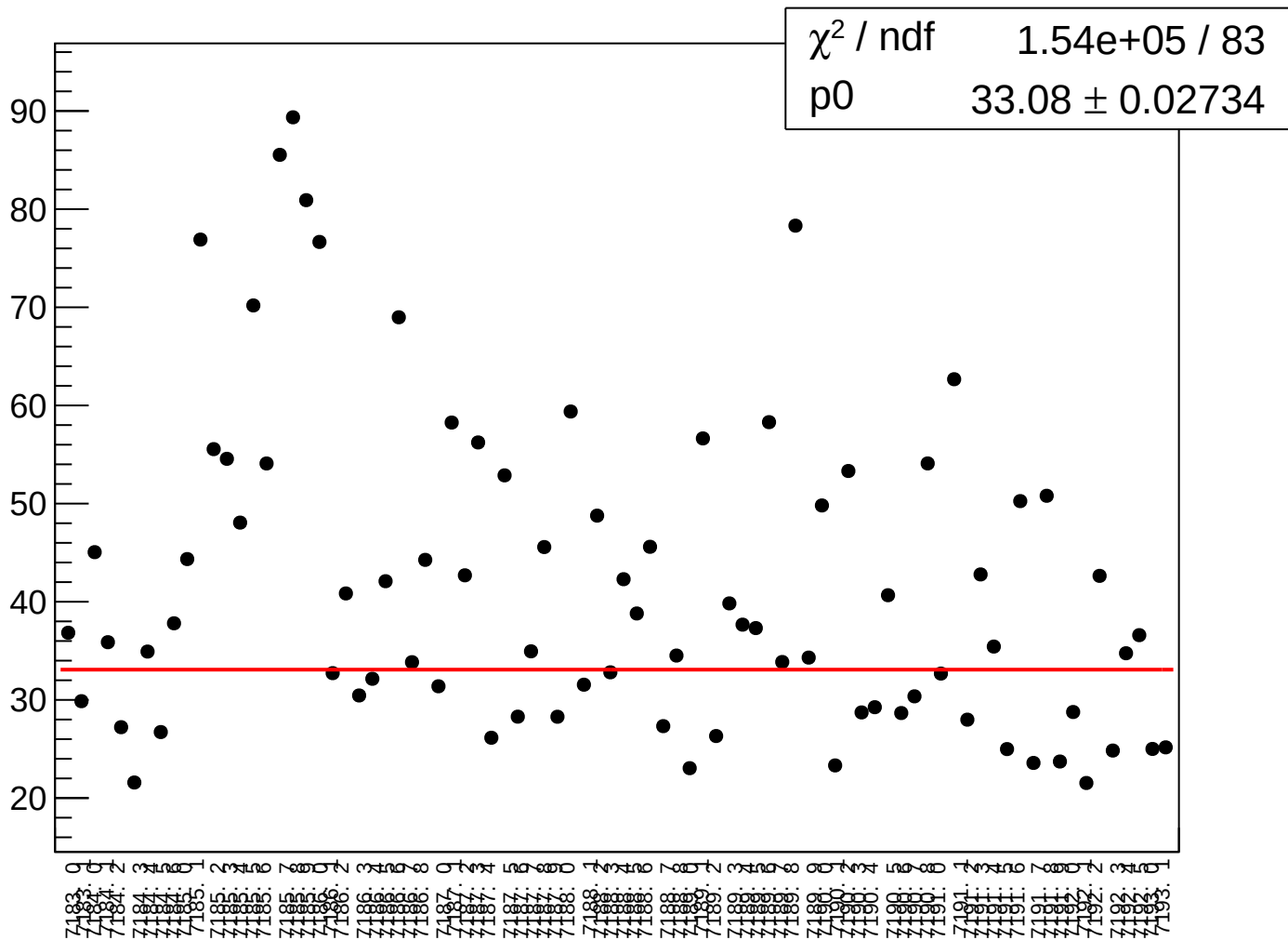
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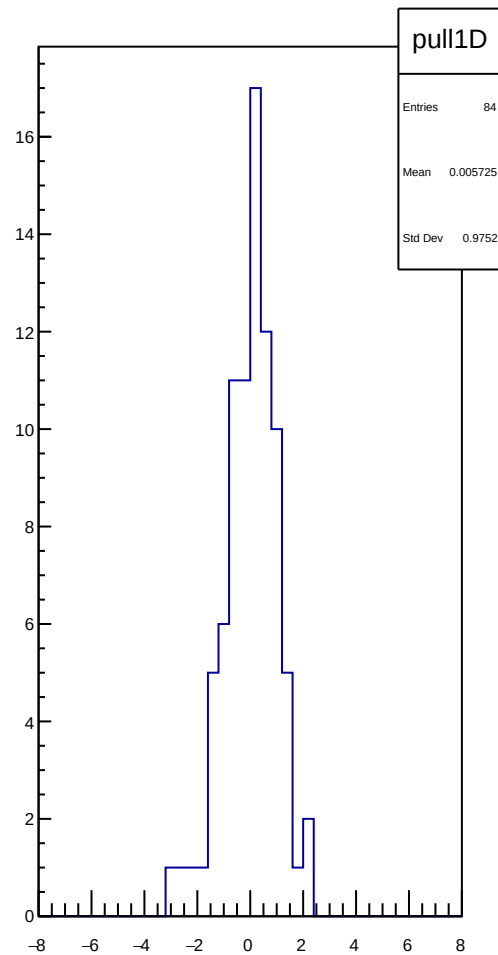
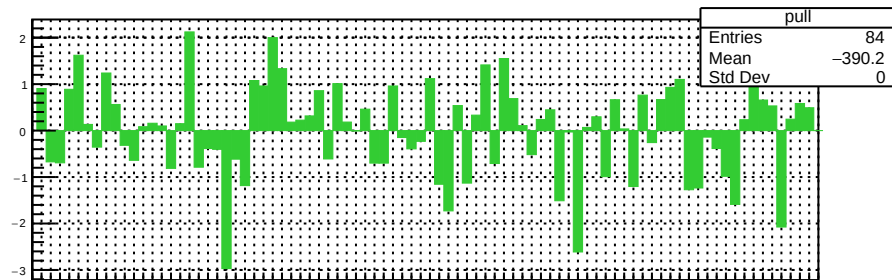
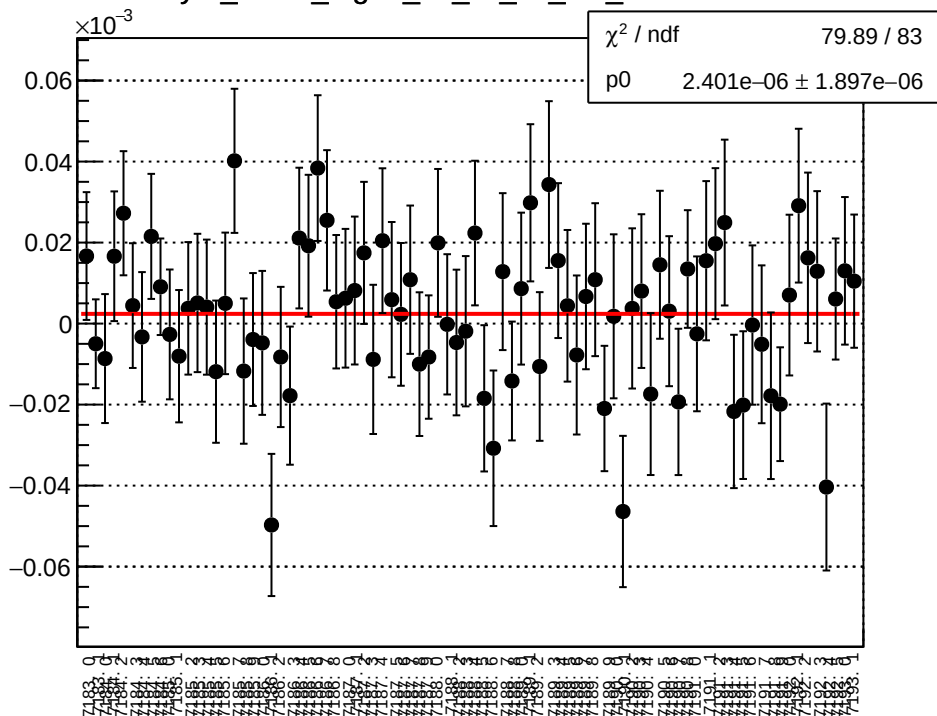
asym_sam3_dit_vs_eigen_cor_diff_mean vs run



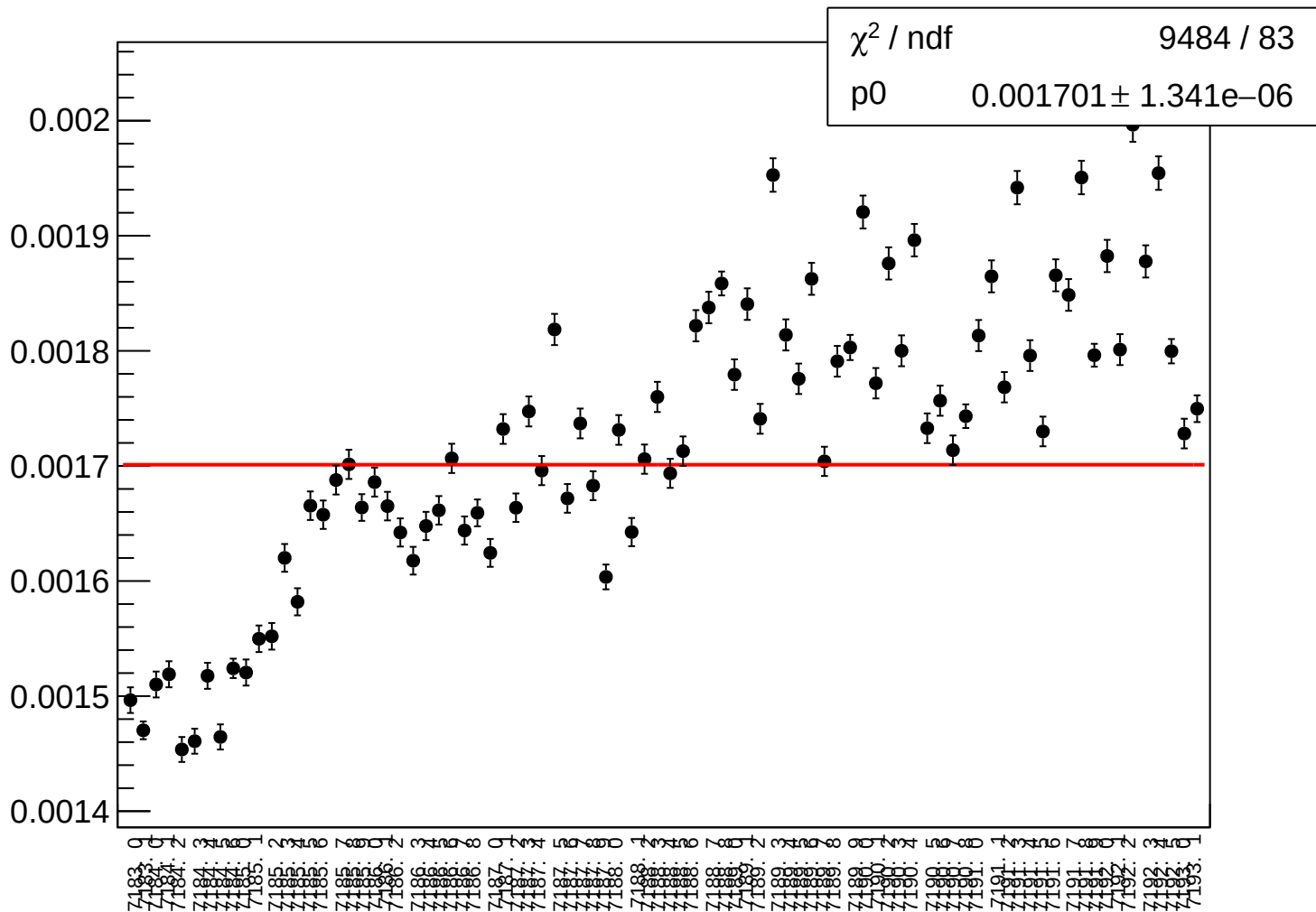
asym_sam3_dit_vs_eigen_cor_diff_rms vs run



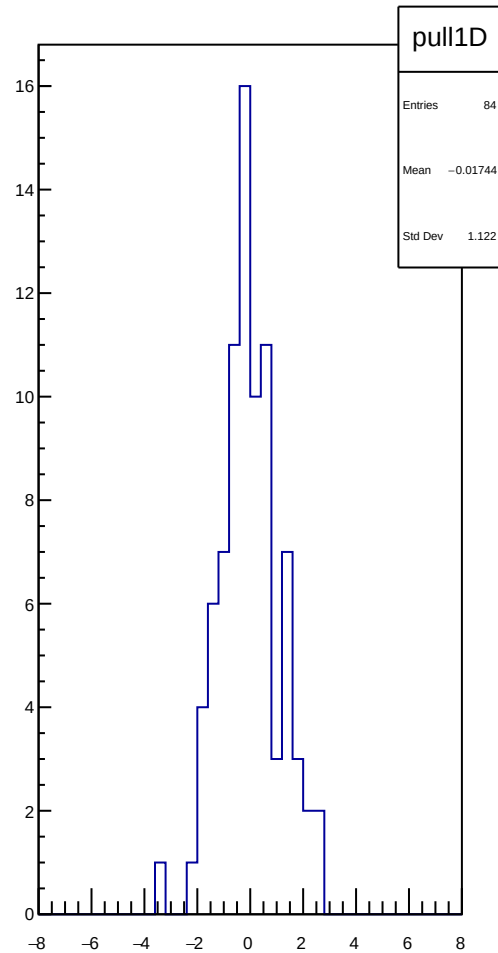
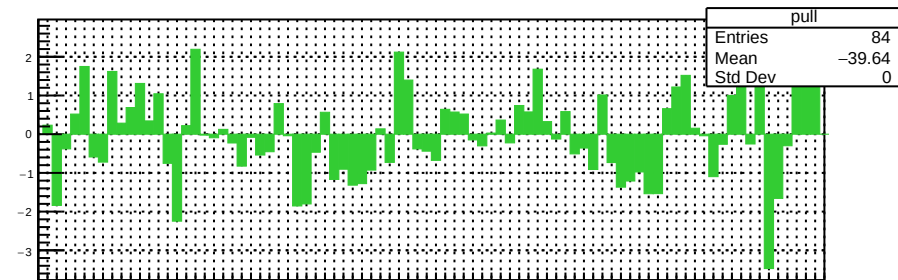
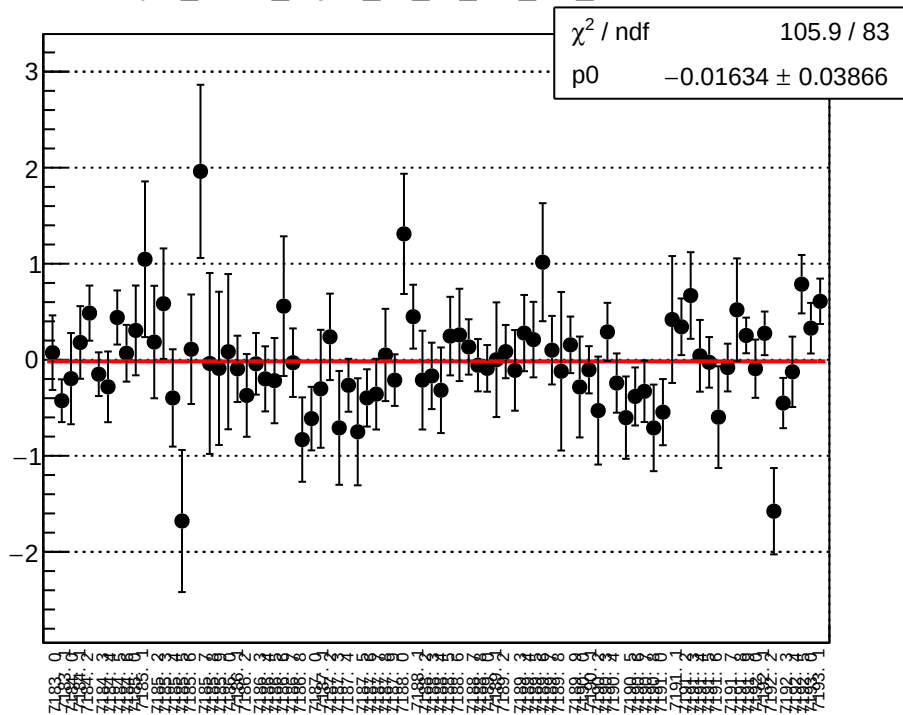
asym_sam3_eigen_dit_vs_dit_diff_mean vs run



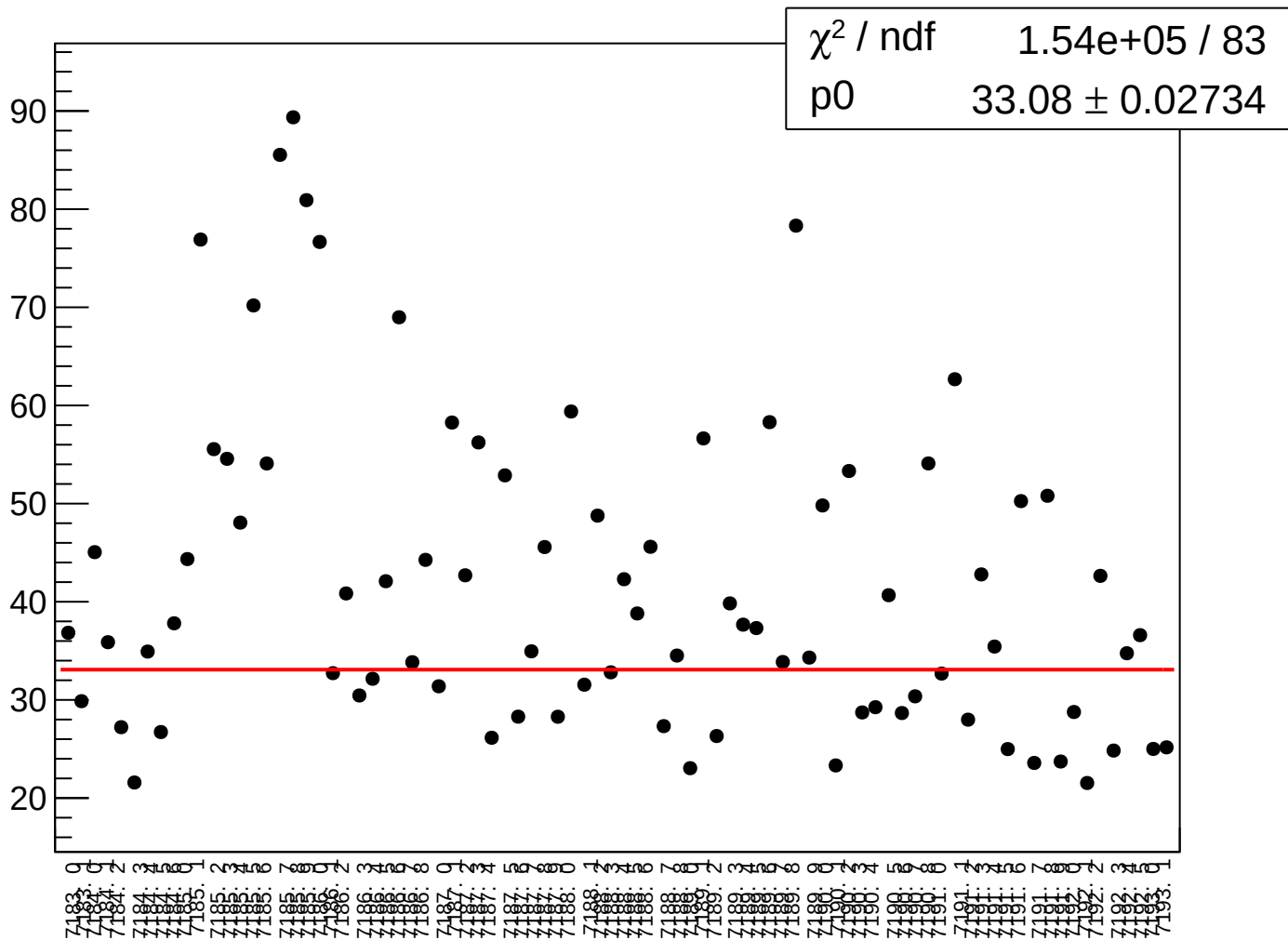
asym_sam3_eigen_dit_vs_dit_diff_rms vs run



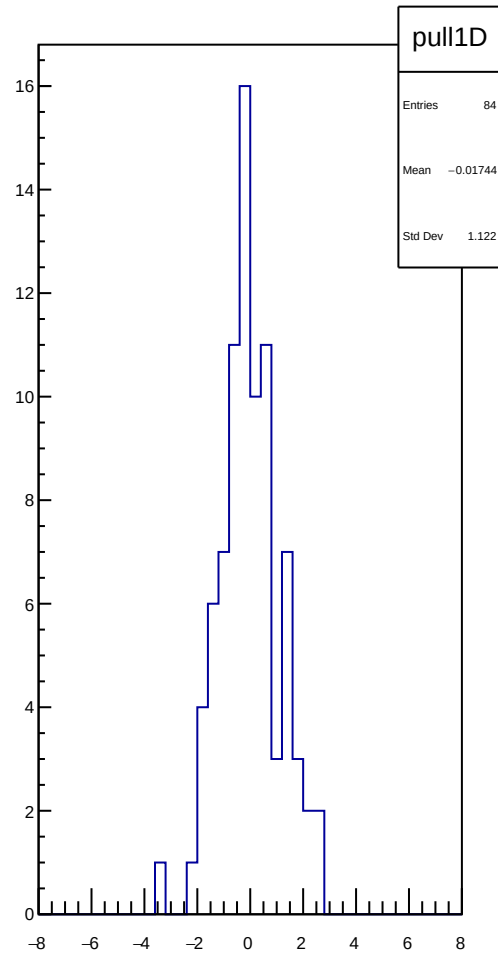
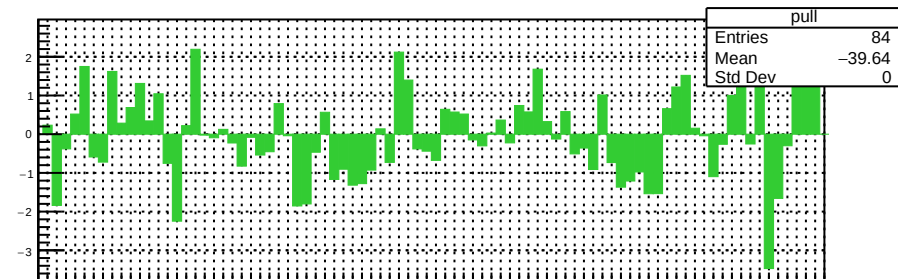
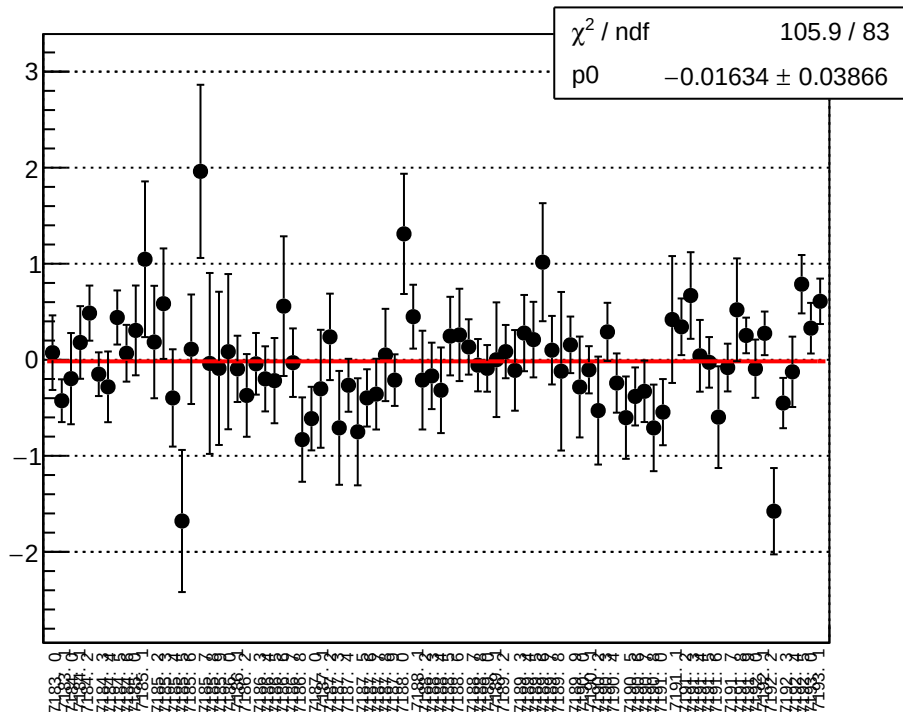
asym_sam3_eigen_dit_vs_cor_diff_mean vs run



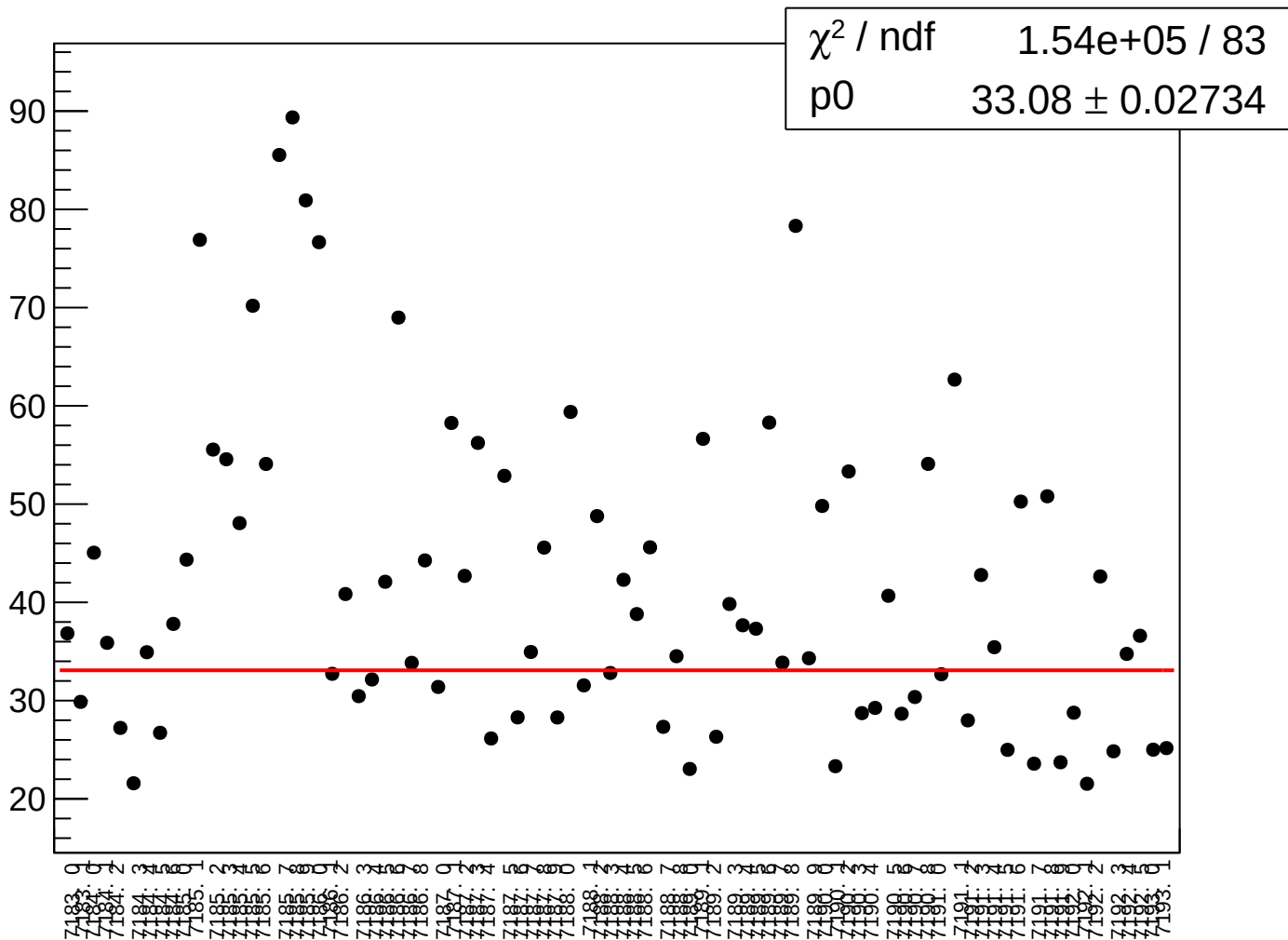
asym_sam3_eigen_dit_vs_cor_diff_rms vs run



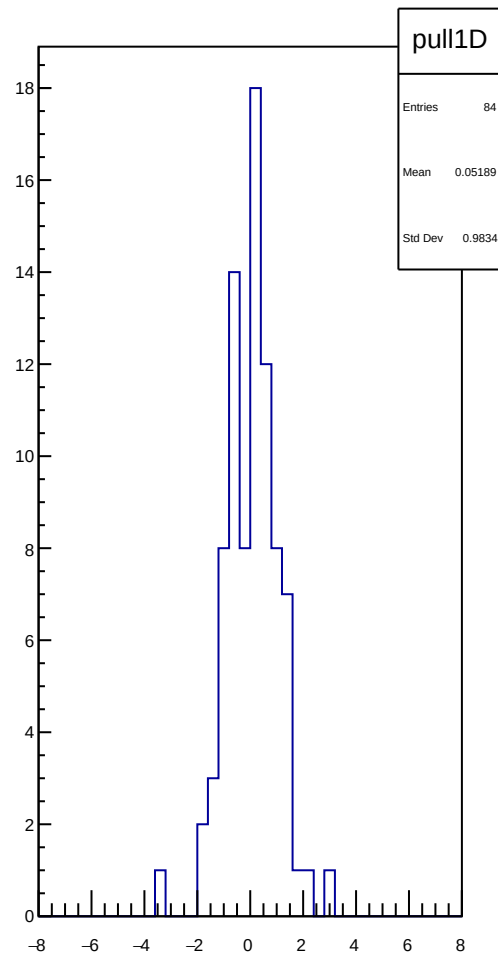
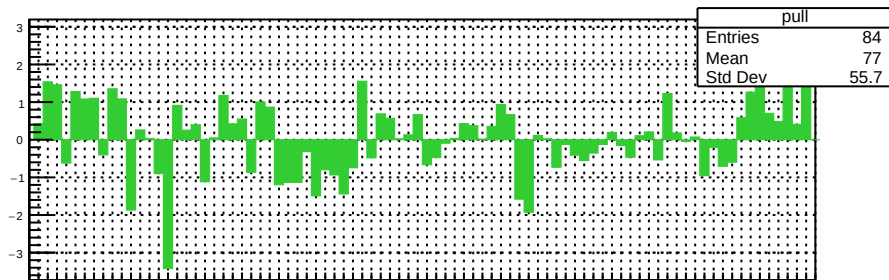
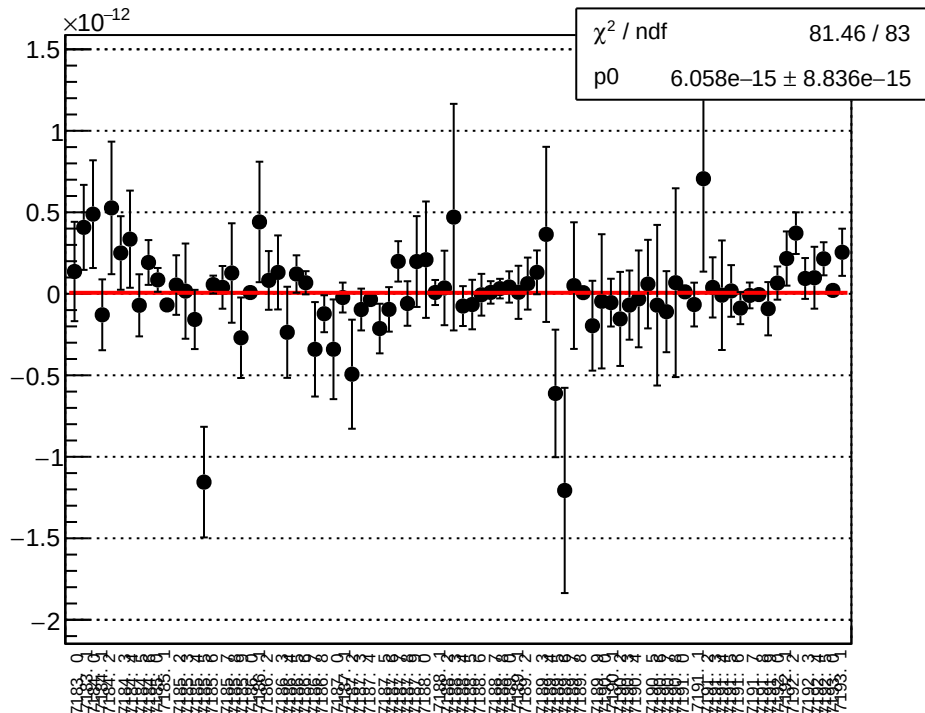
asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs run



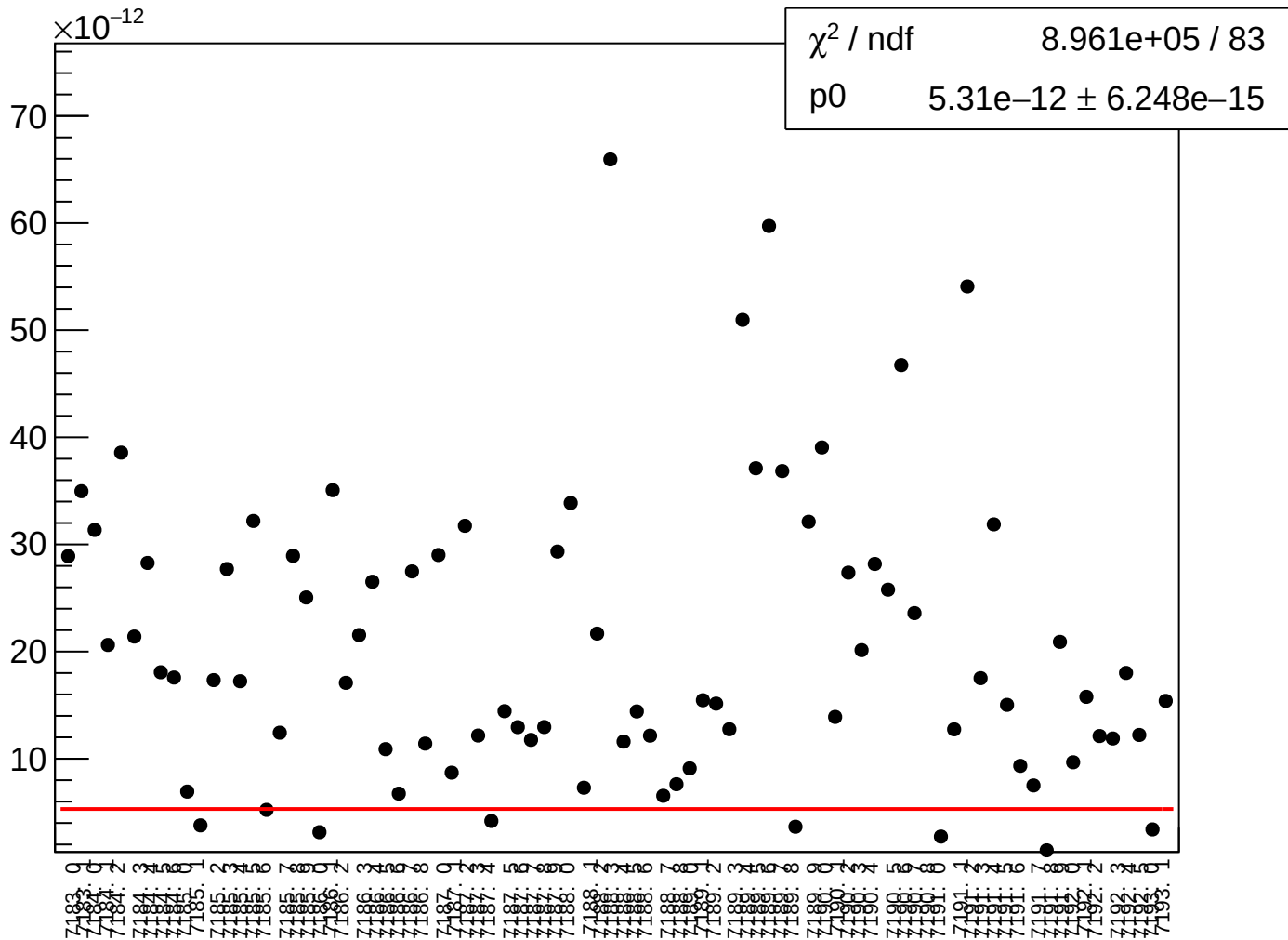
asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs run



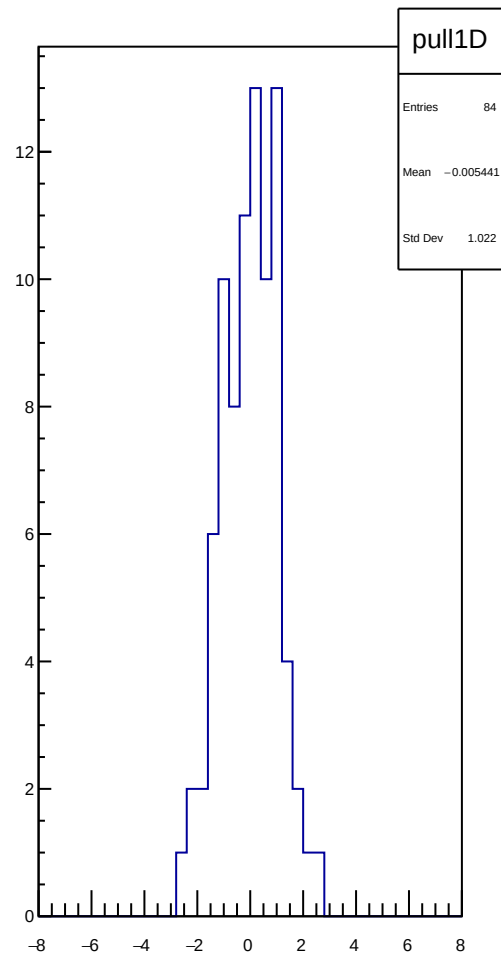
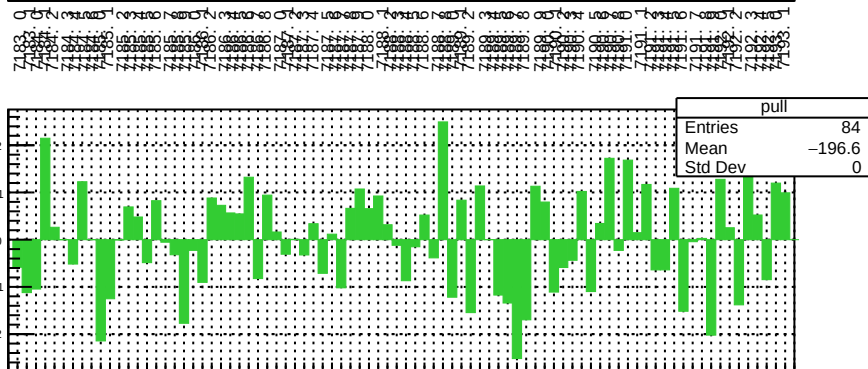
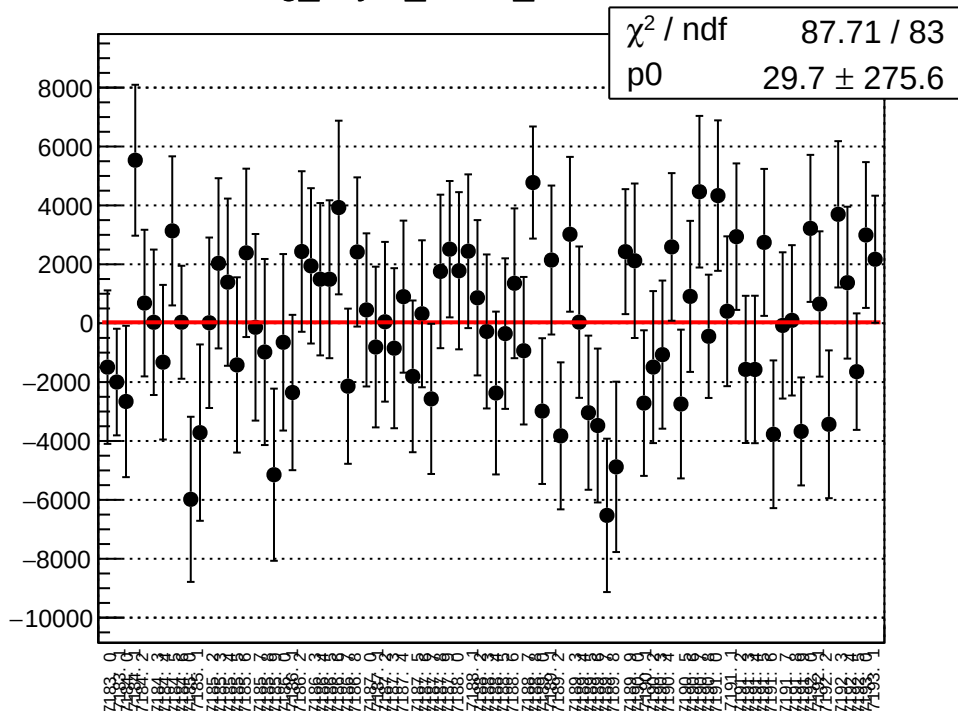
asym_sam3_eigen_cor_vs_cor_diff_mean vs run



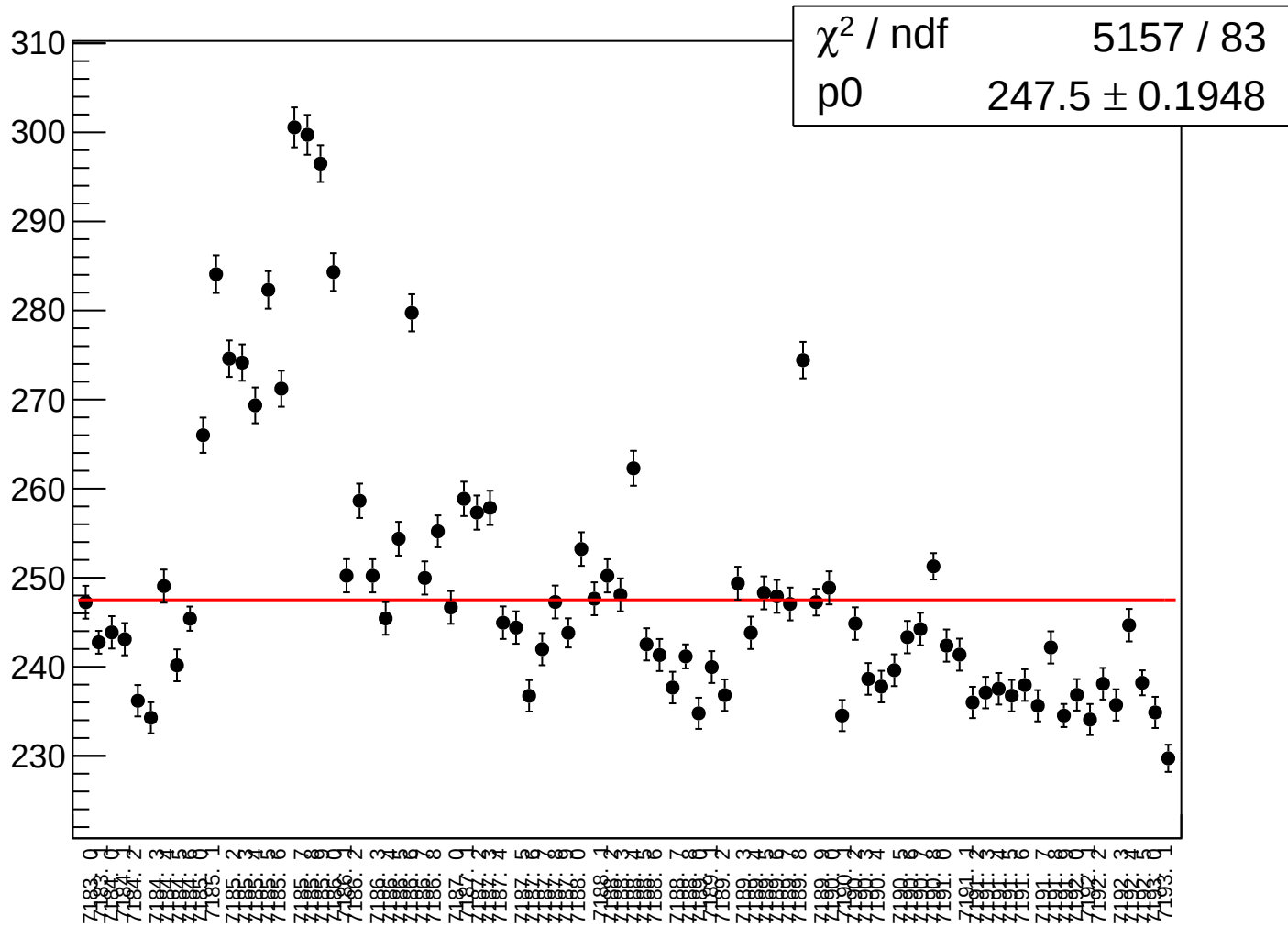
asym_sam3_eigen_cor_vs_cor_diff_rms vs run



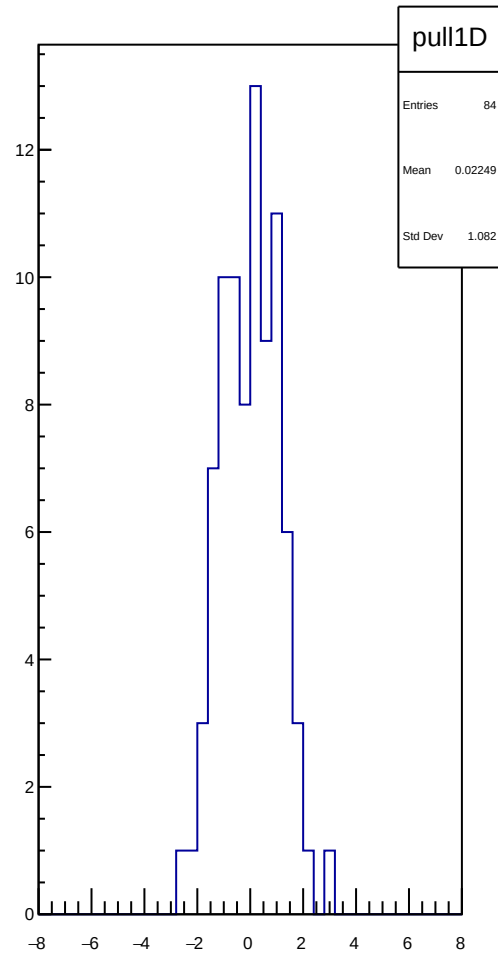
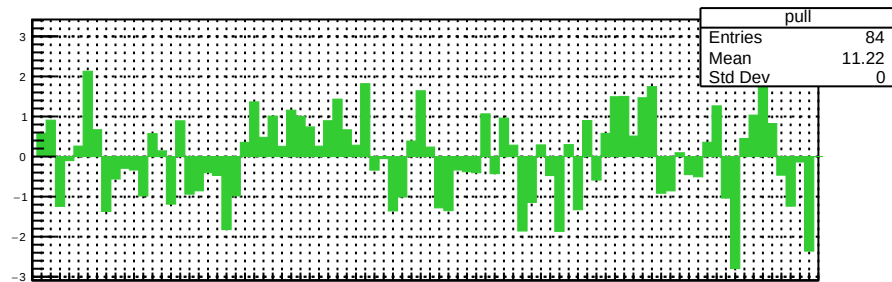
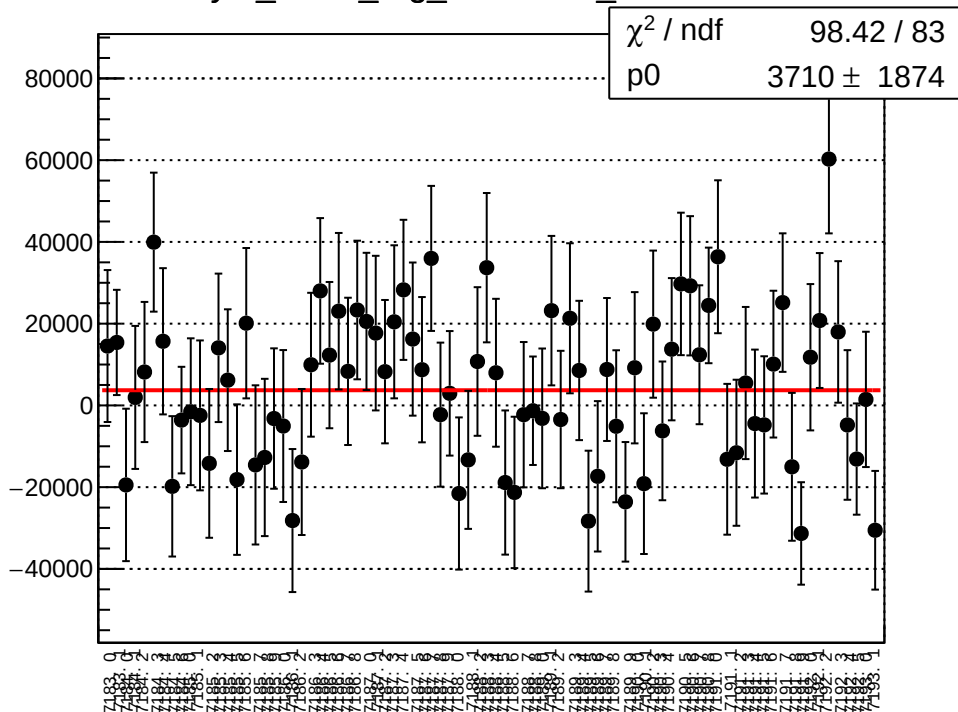
reg_asym_sam4_mean vs run



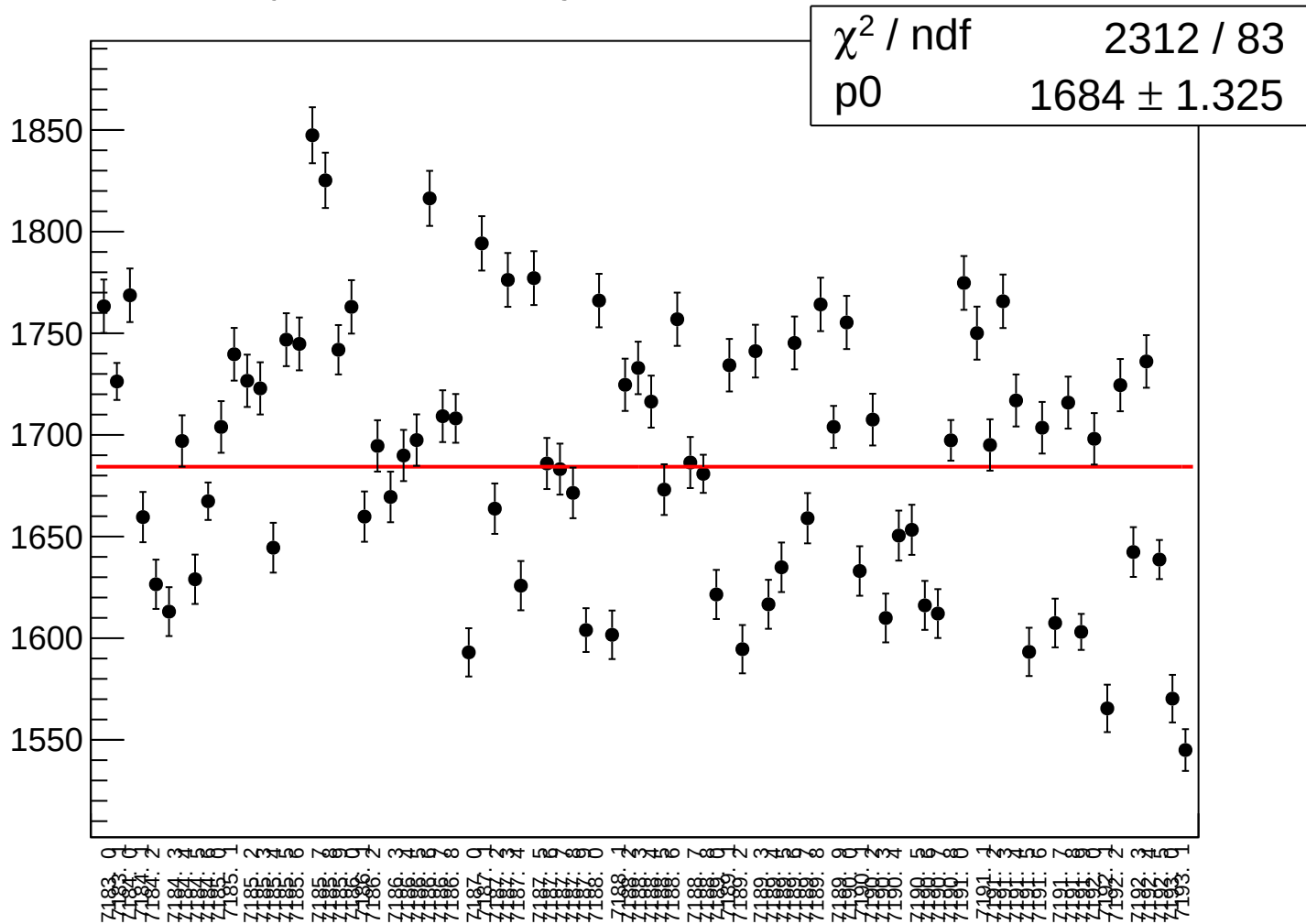
reg_asym_sam4_rms vs run



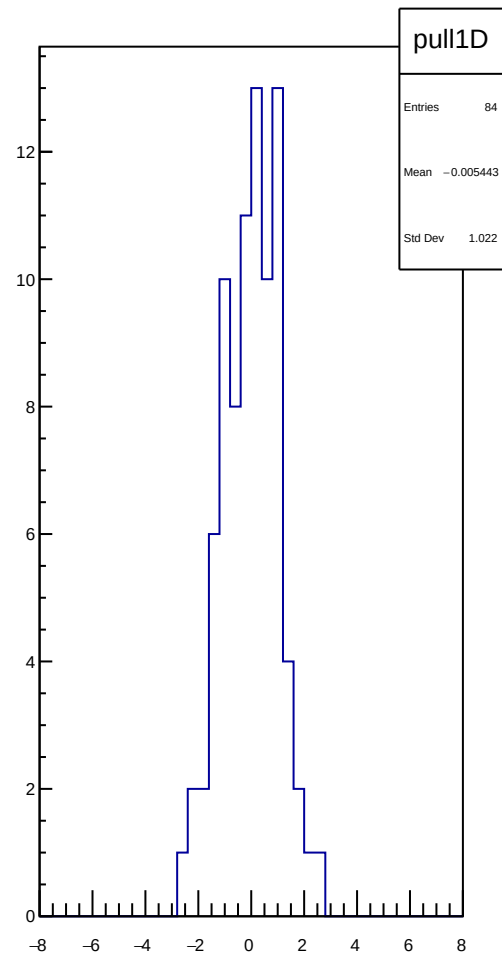
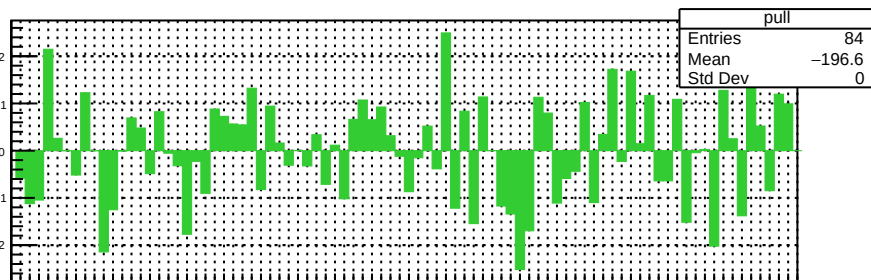
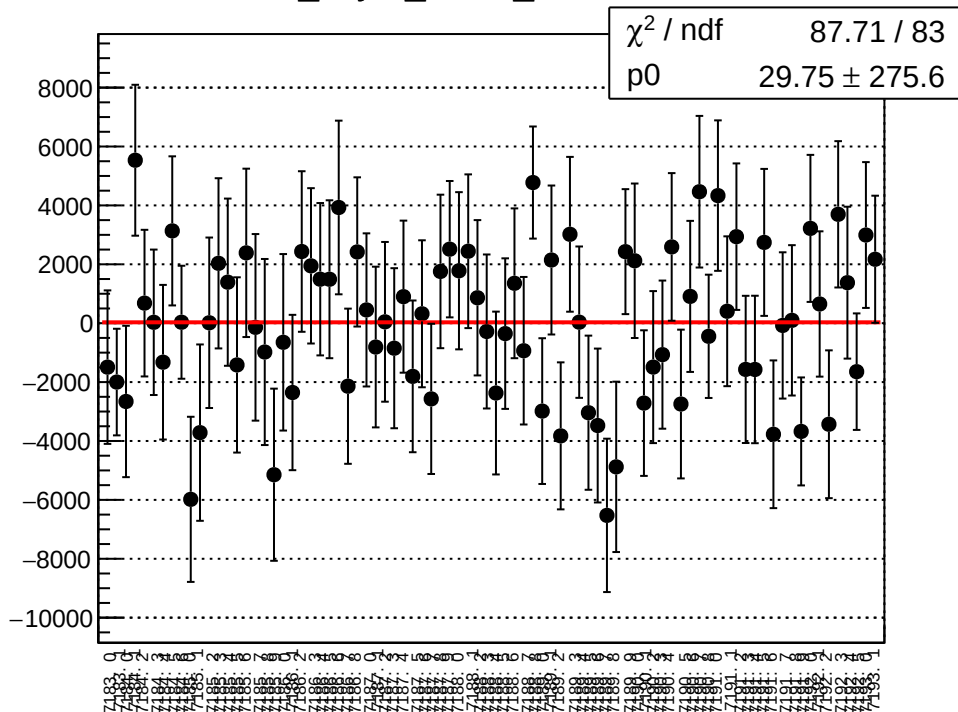
asym_sam4_reg_correction_mean vs run



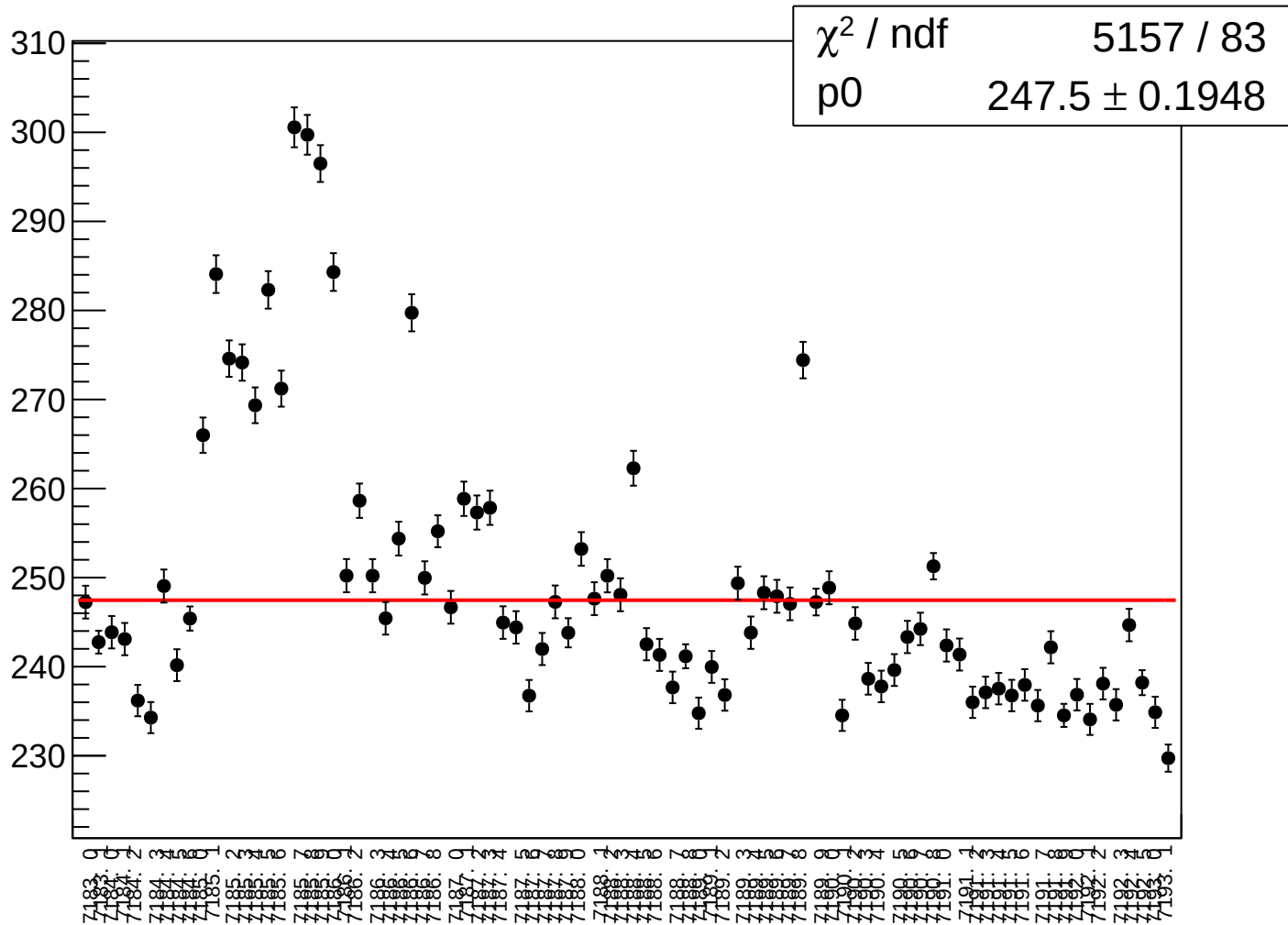
asym_sam4_reg_correction_rms vs run



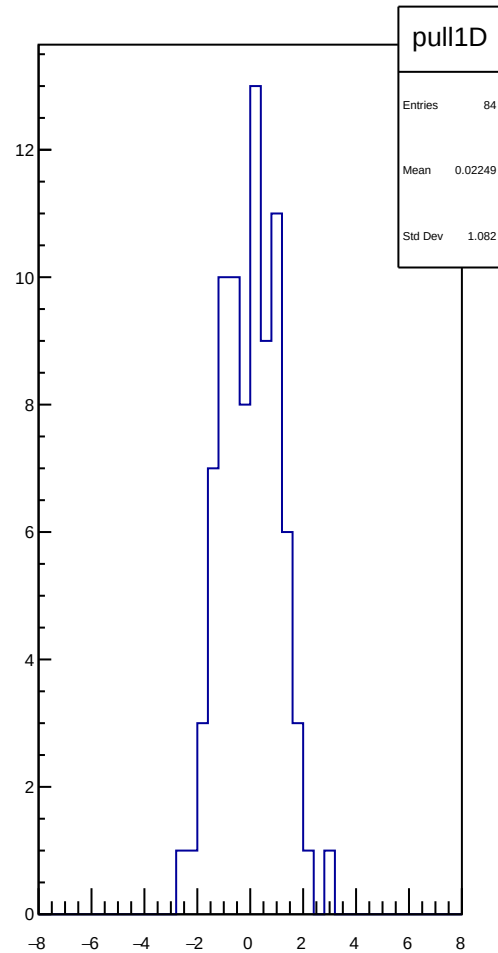
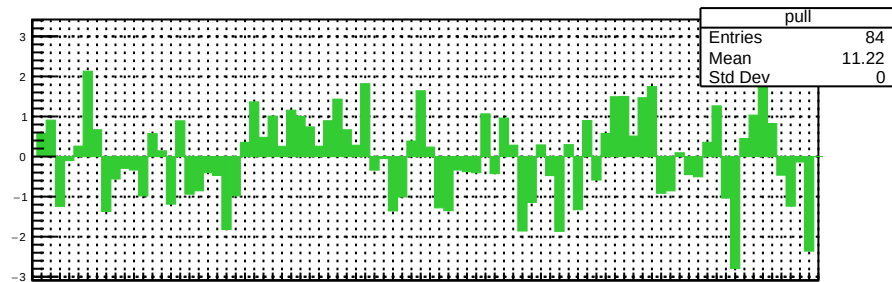
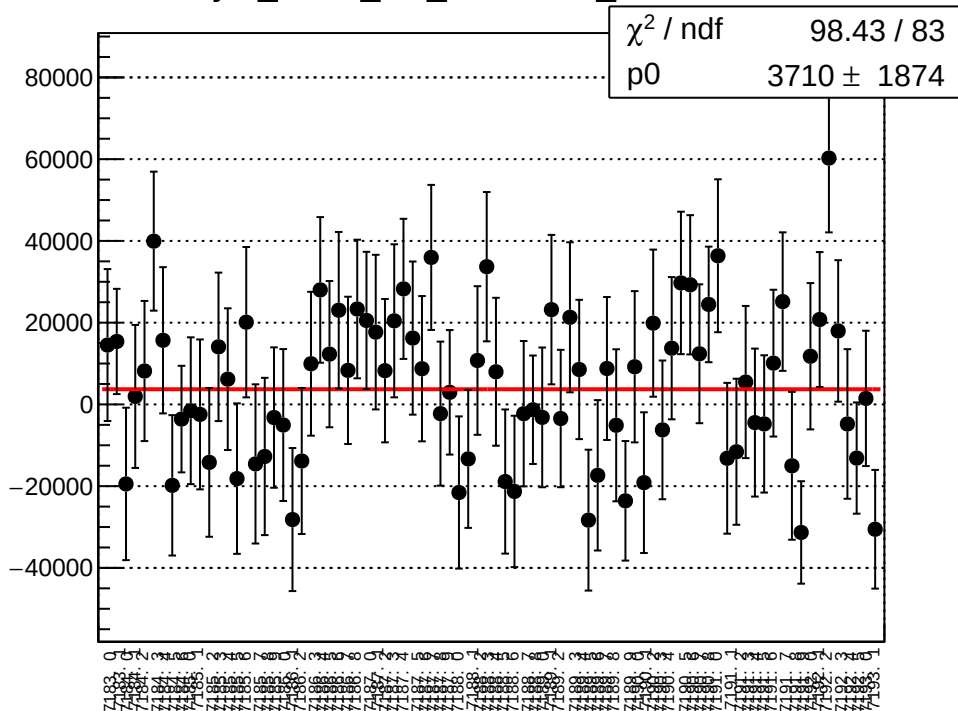
cor_asym_sam4_mean vs run



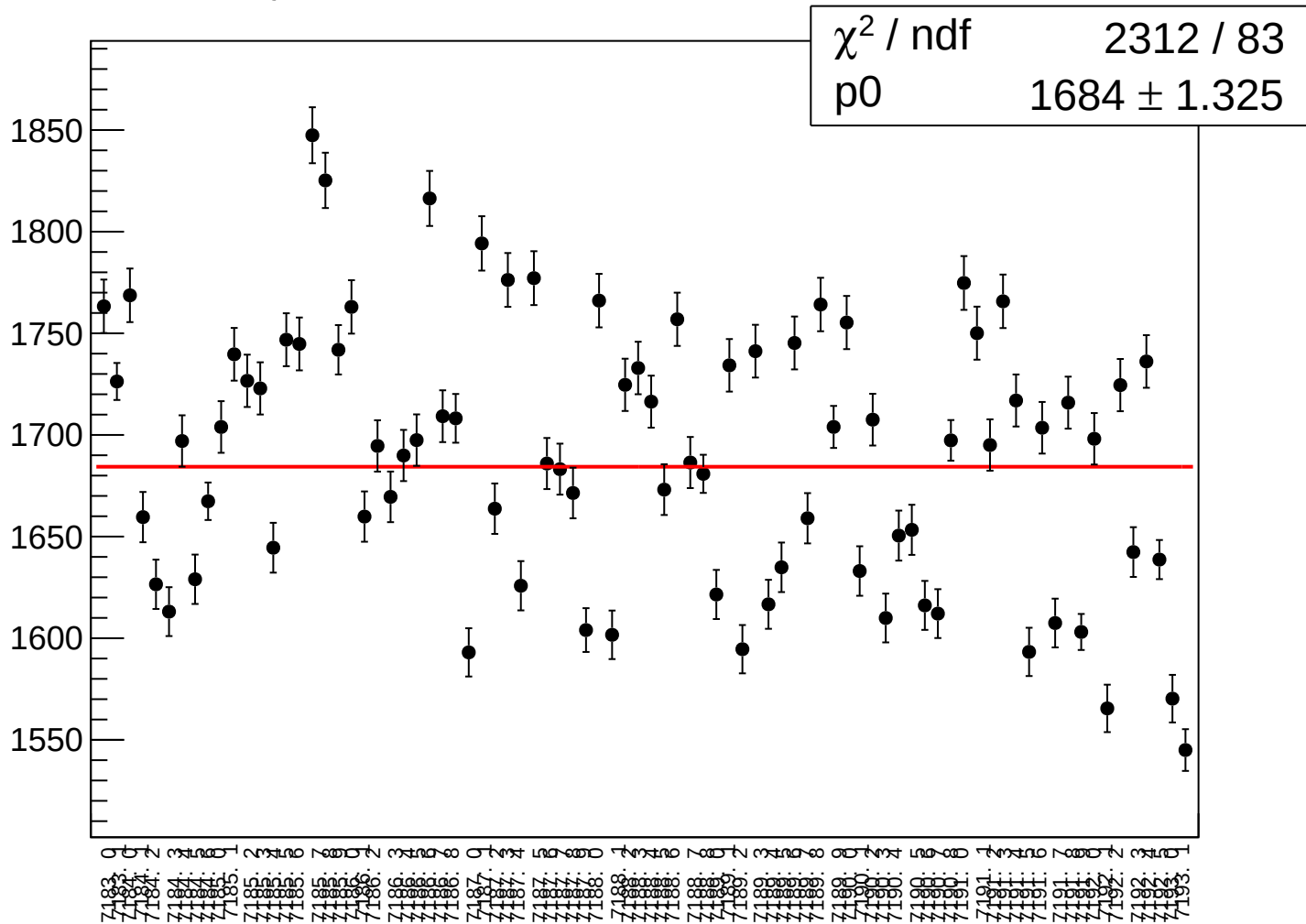
cor_asym_sam4_rms vs run



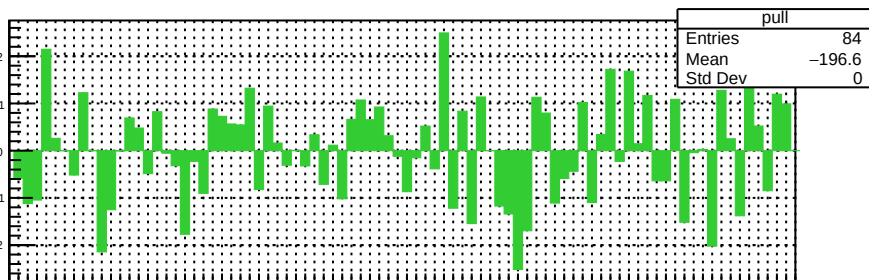
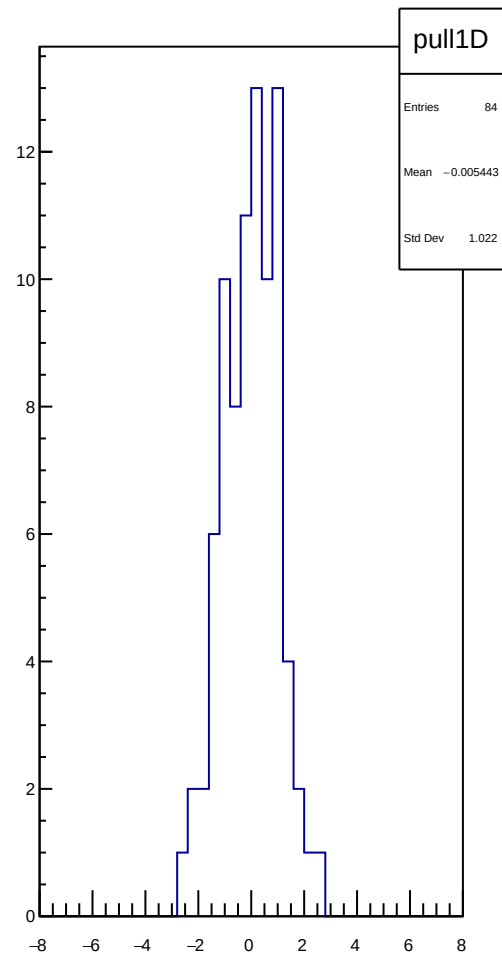
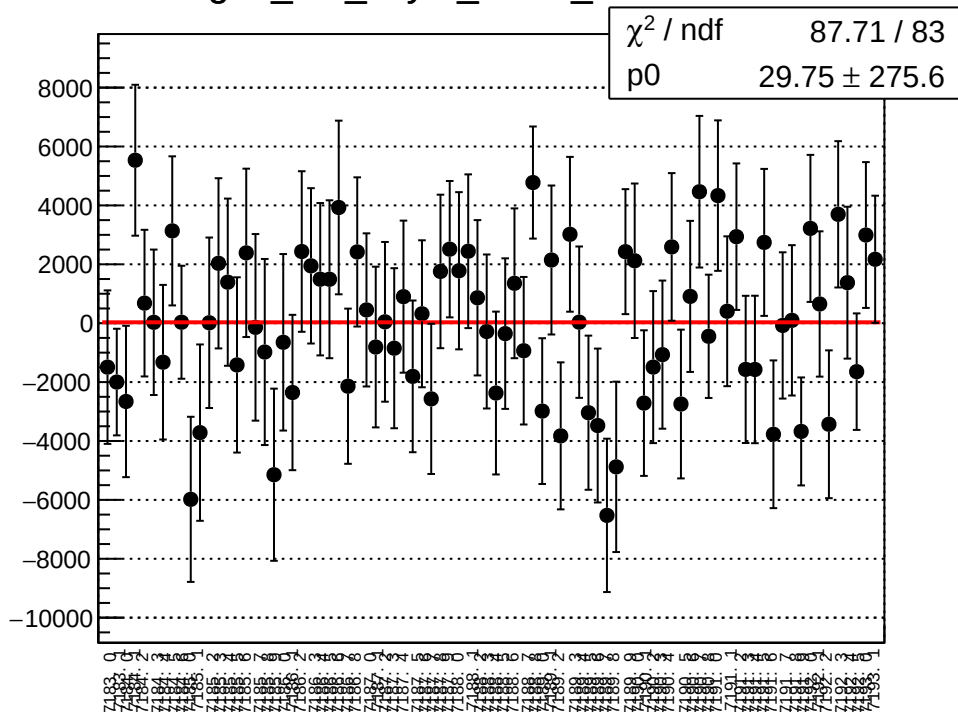
asym_sam4_cor_correction_mean vs run



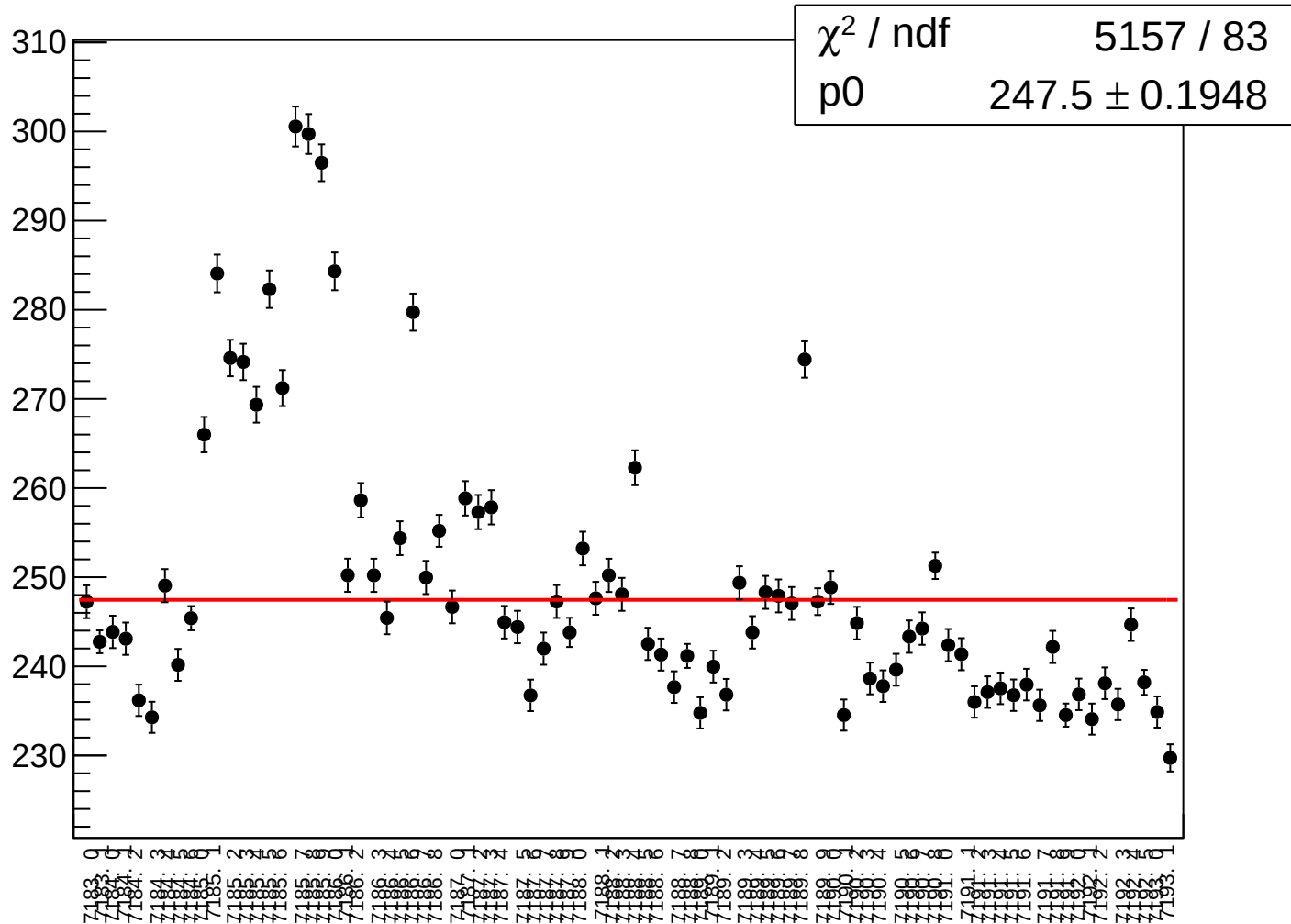
asym_sam4_cor_correction_rms vs run



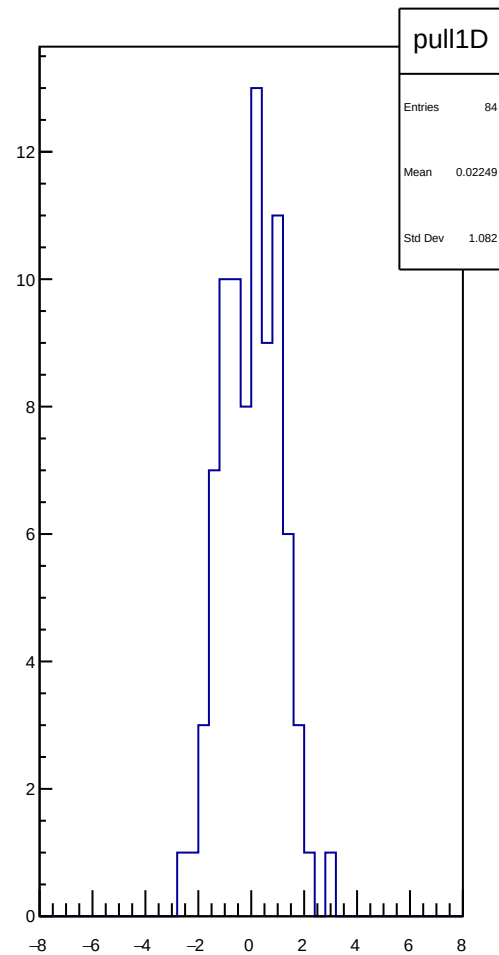
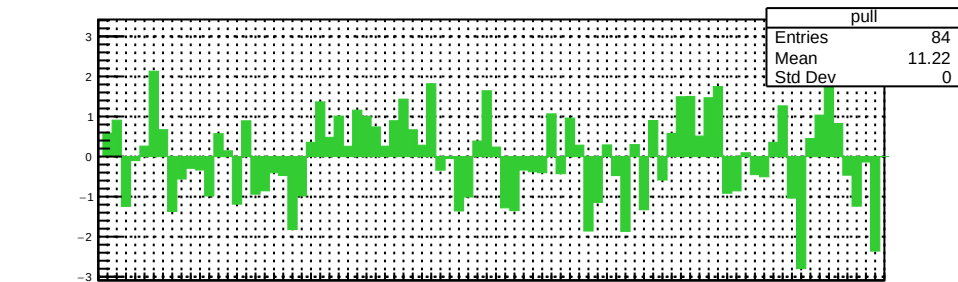
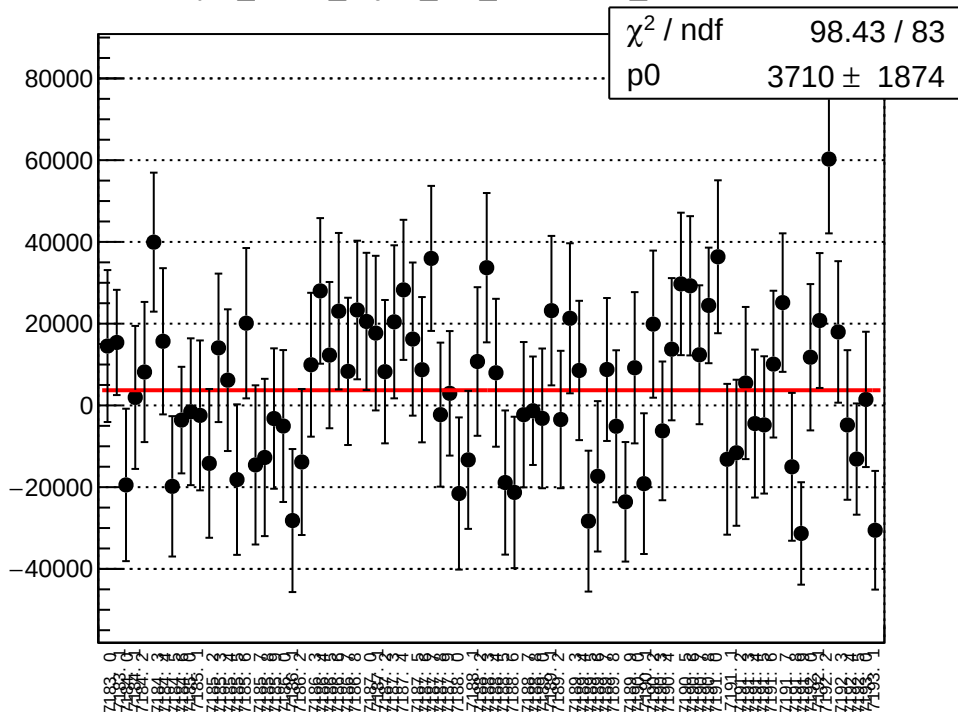
eigen_cor_asym_sam4_mean vs run



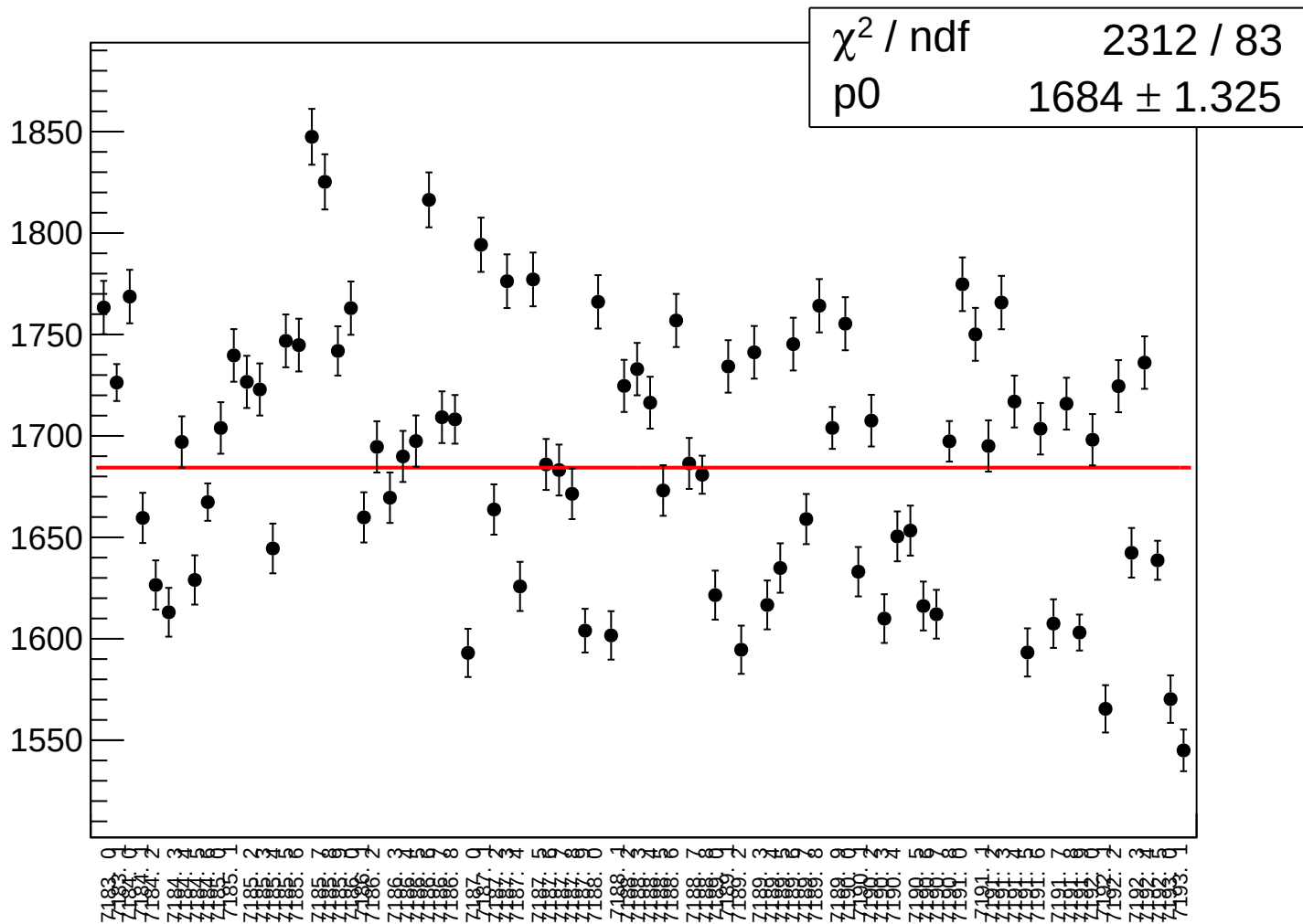
eigen_cor_asym_sam4_rms vs run



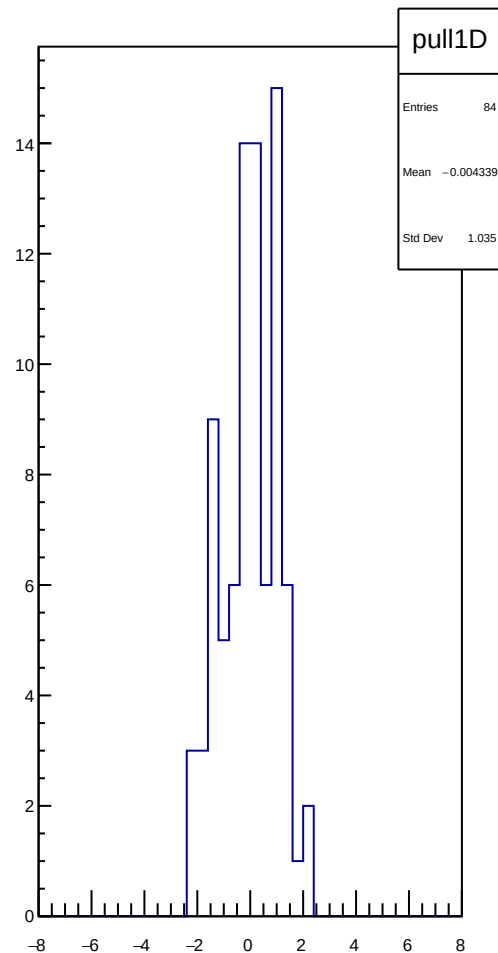
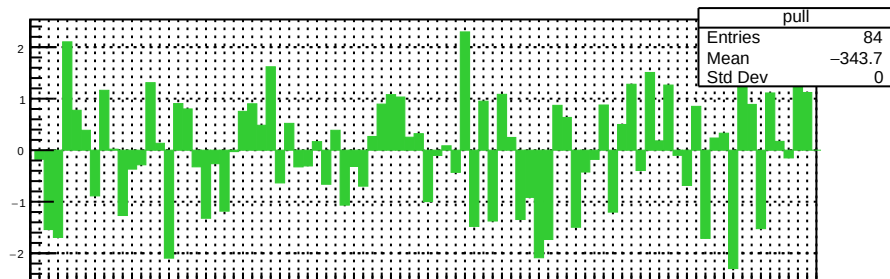
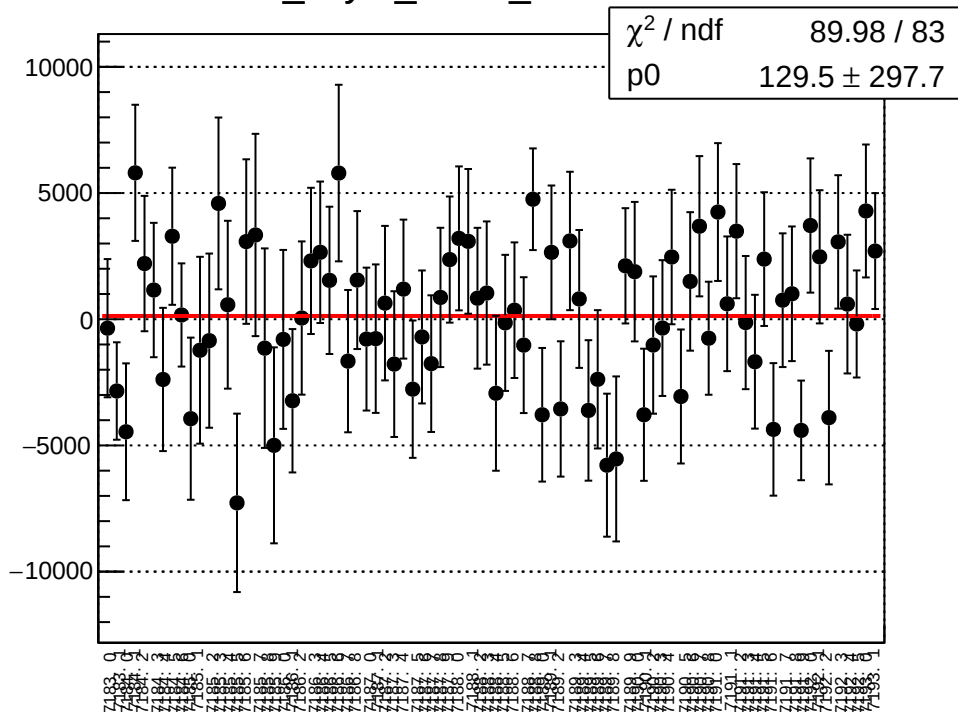
asym_sam4_eigen_cor_correction_mean vs run



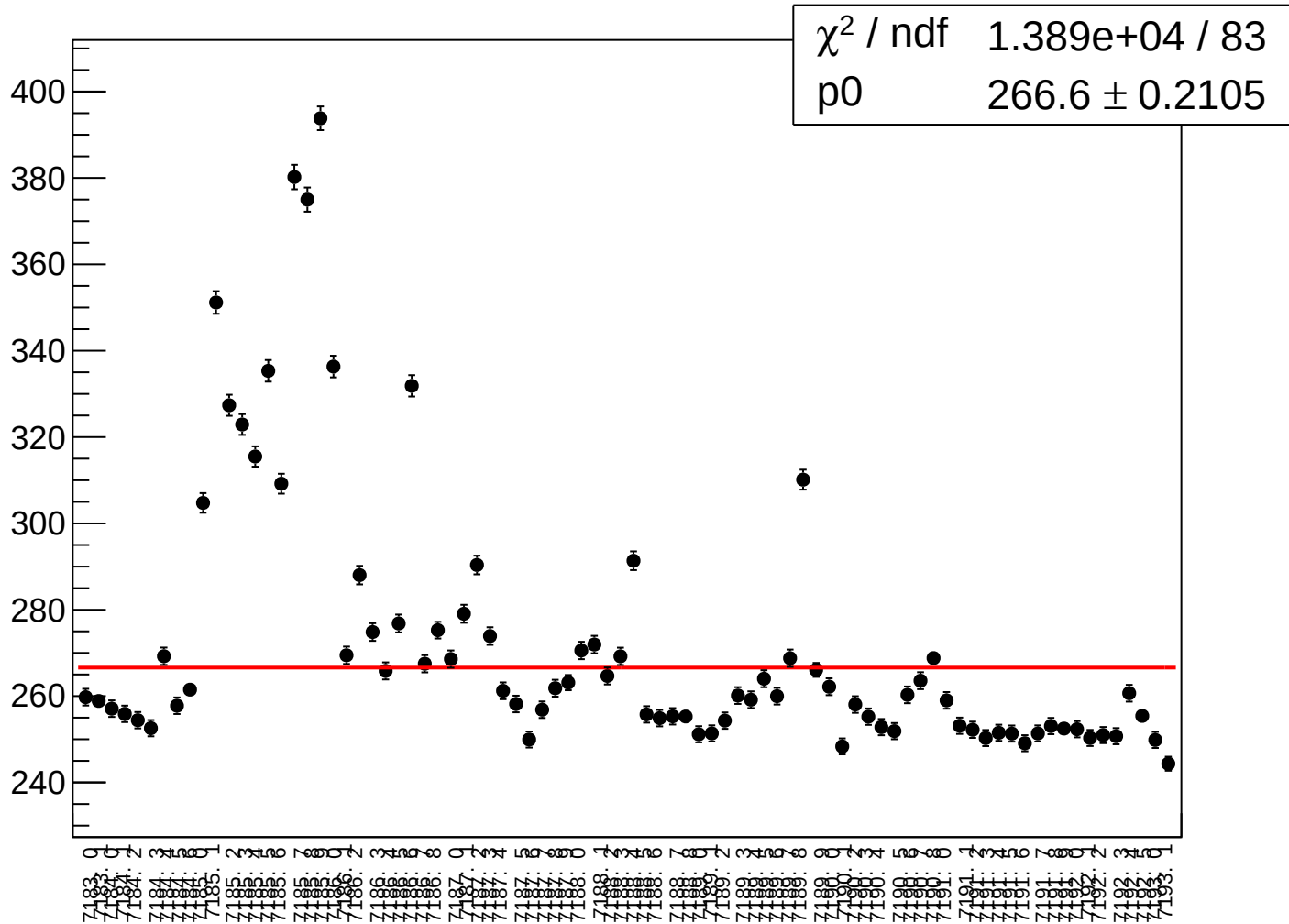
asym_sam4_eigen_cor_correction_rms vs run



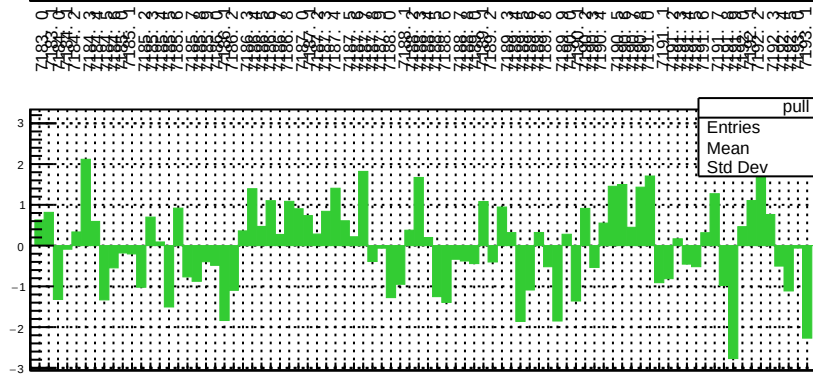
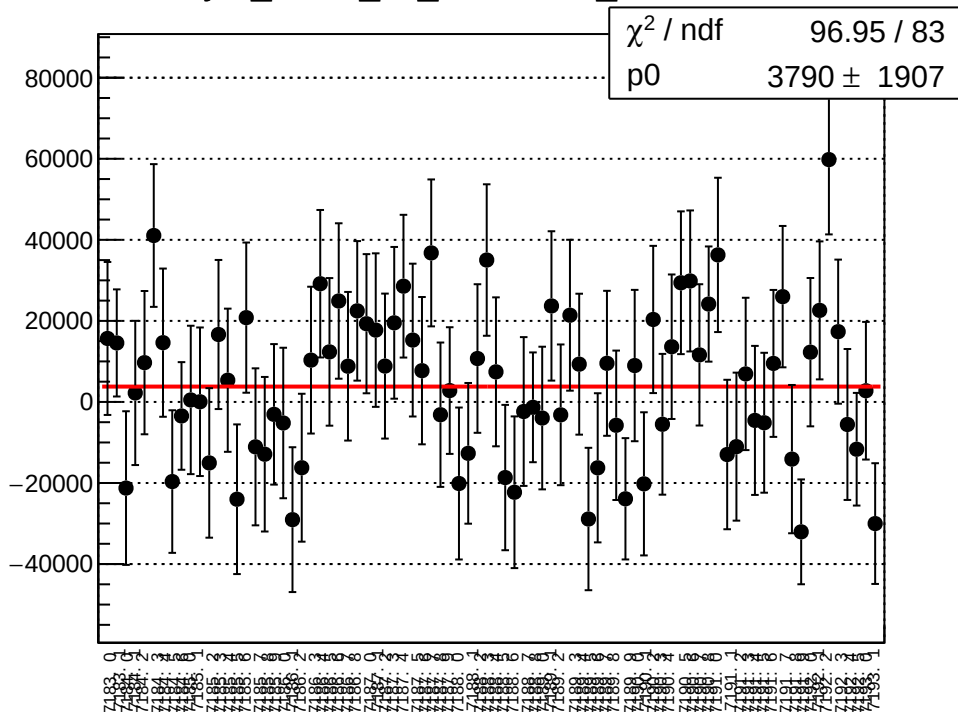
dit_asym_sam4_mean vs run



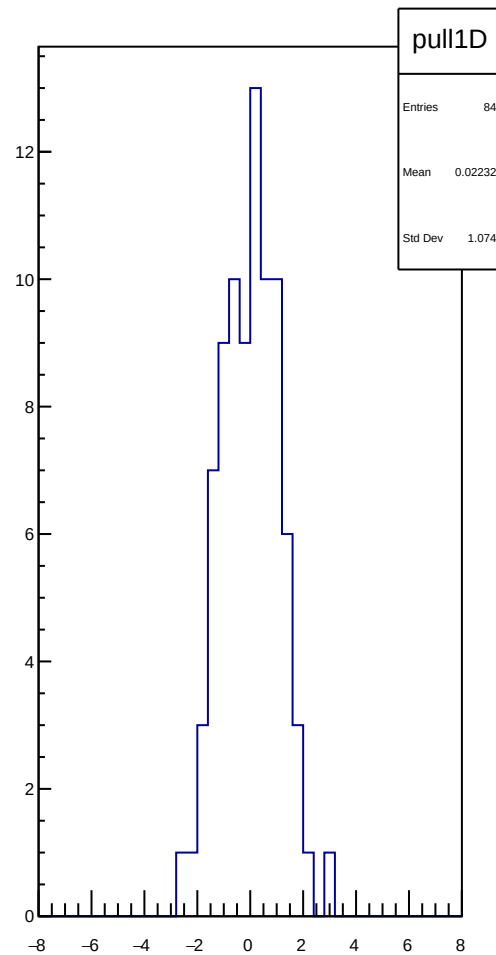
dit_asym_sam4_rms vs run



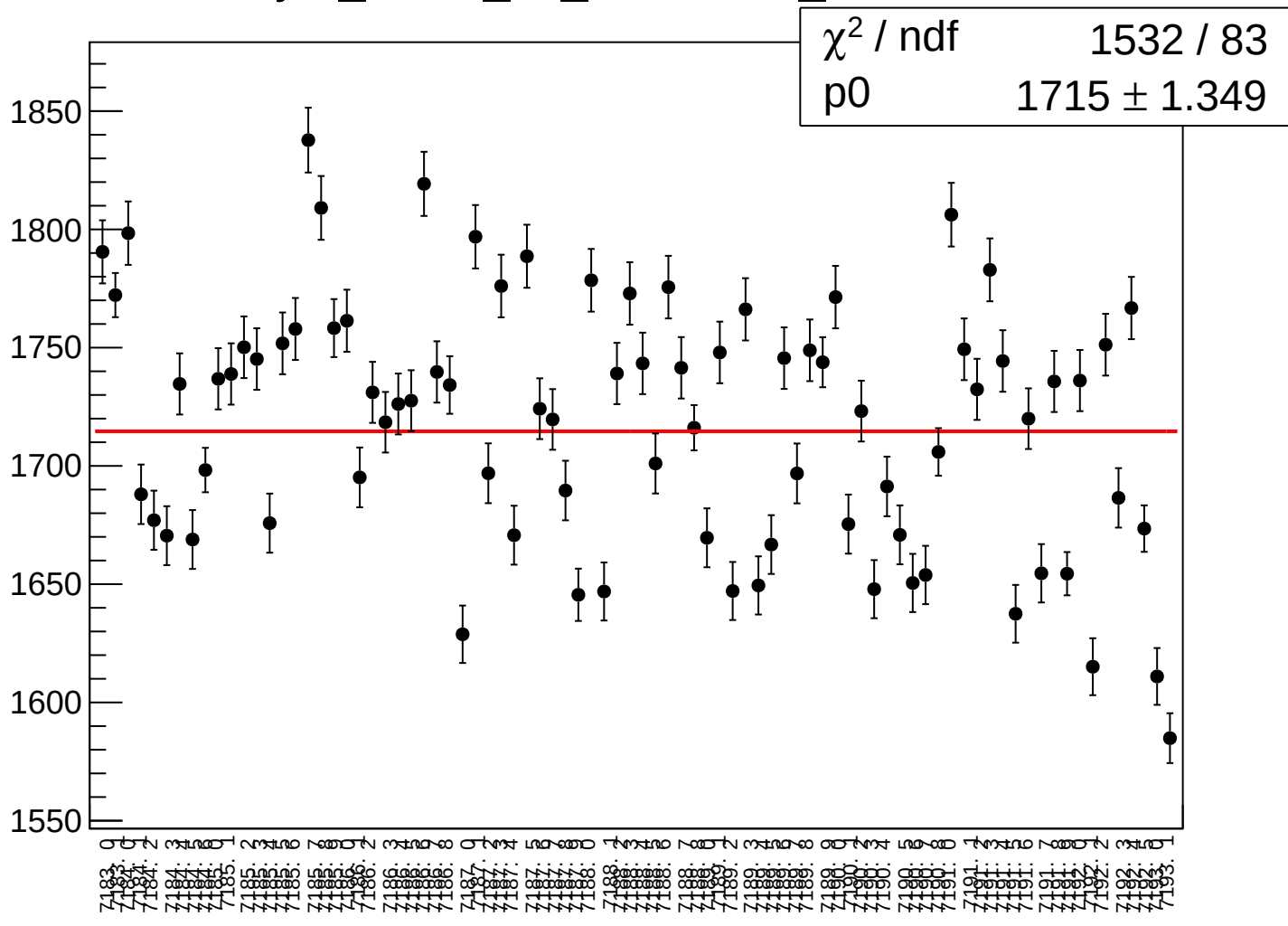
asym_sam4_dit_correction_mean vs run



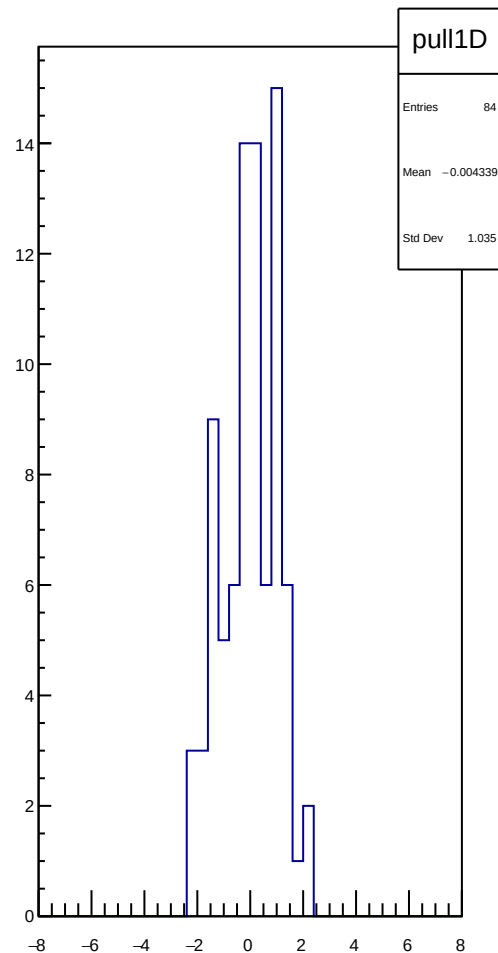
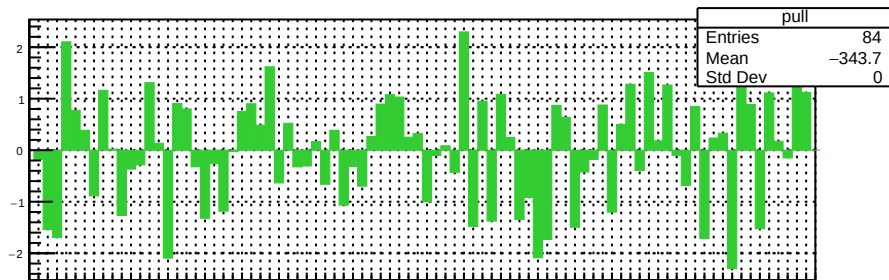
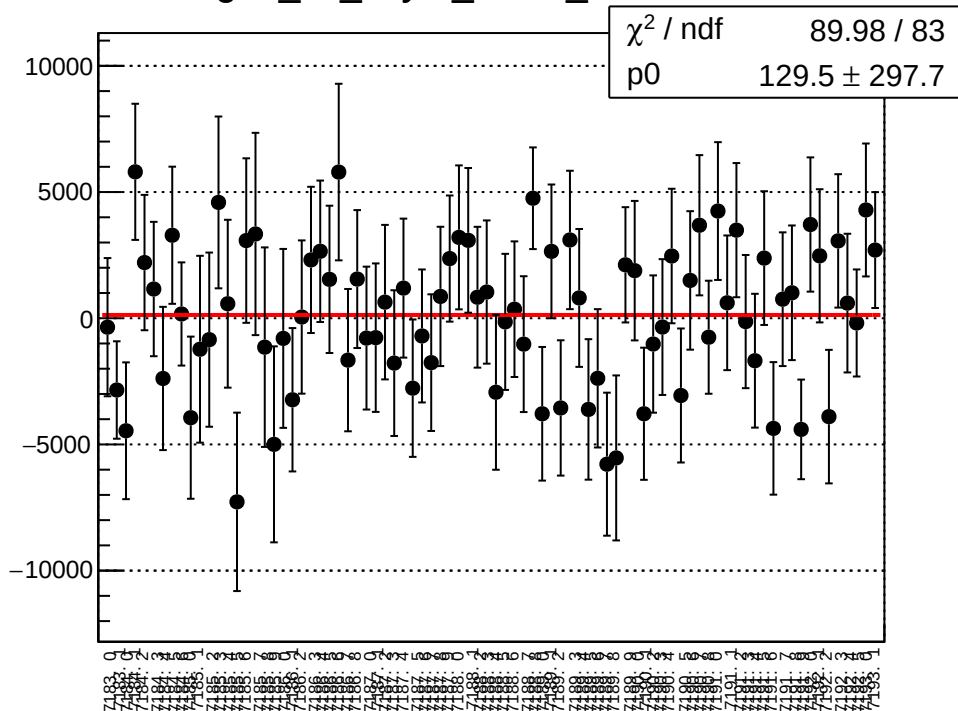
pull	
Entries	84
Mean	17.46
Std Dev	0



asym_sam4_dit_correction_rms vs run

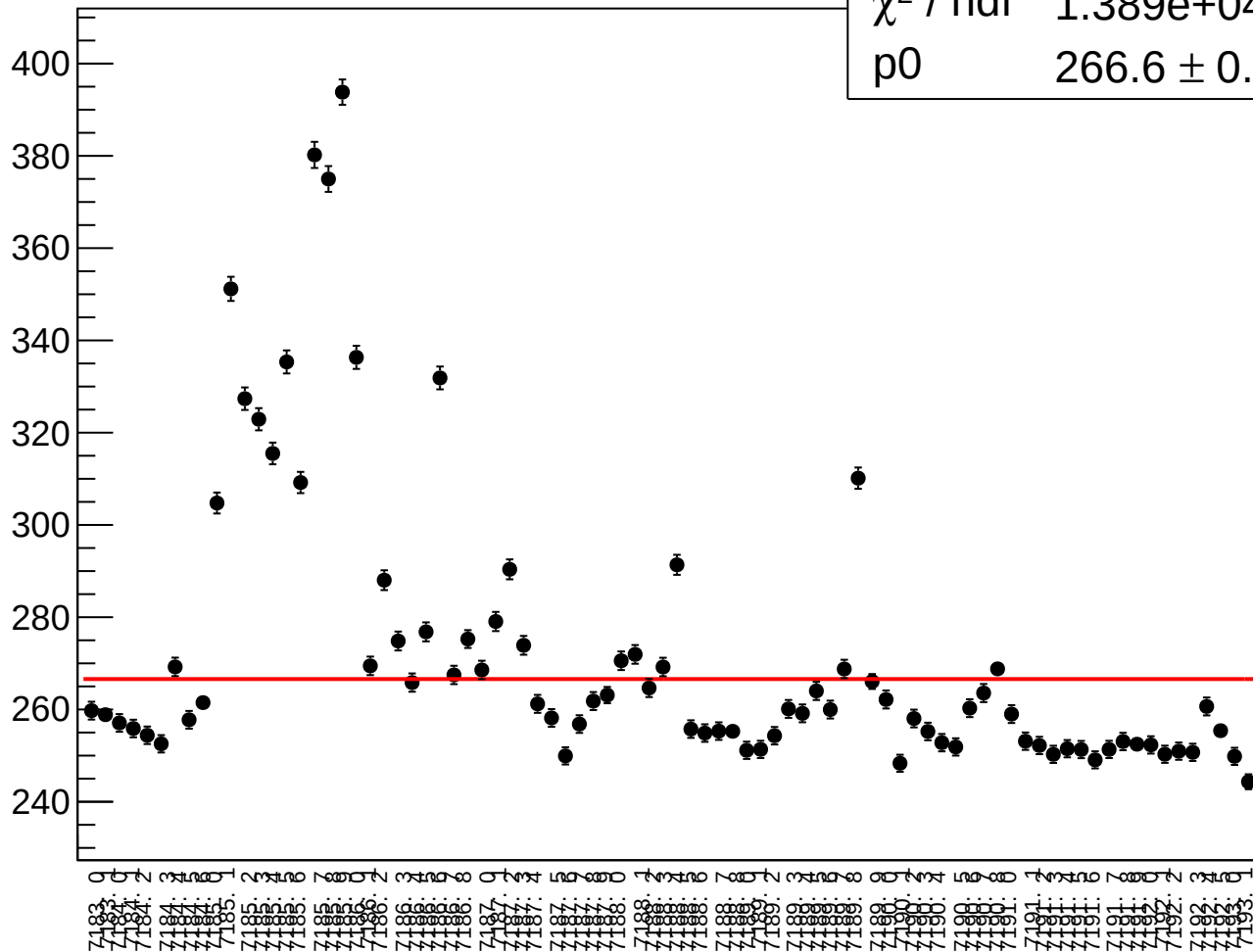


eigen_dit_asym_sam4_mean vs run

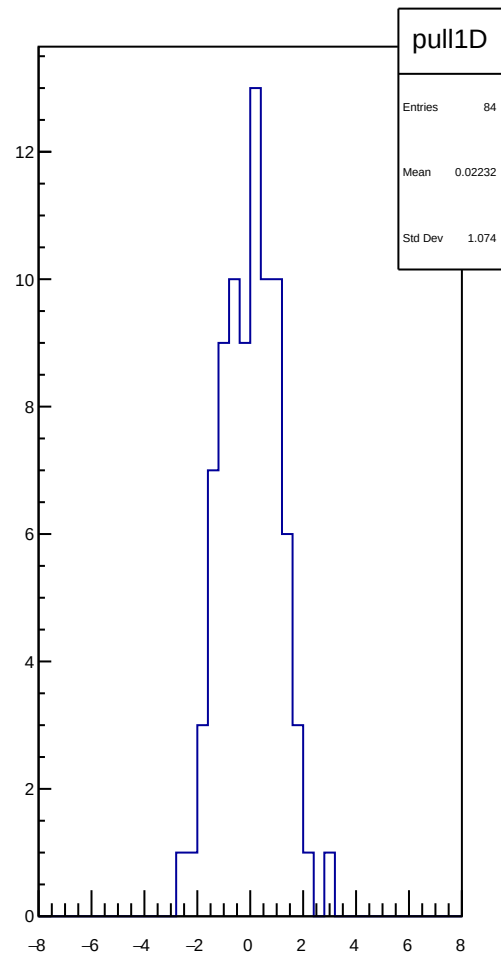
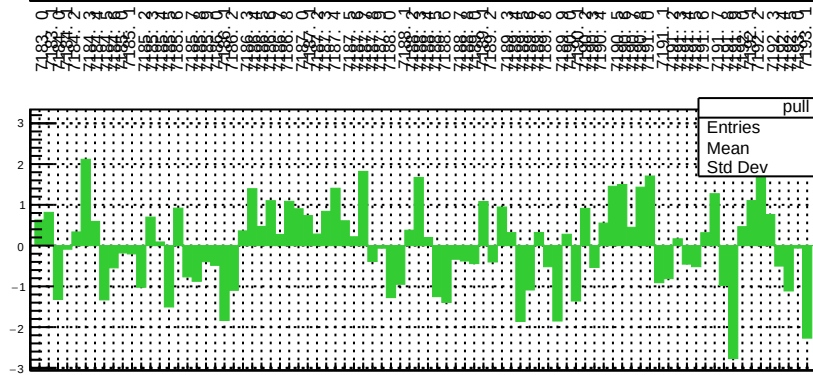
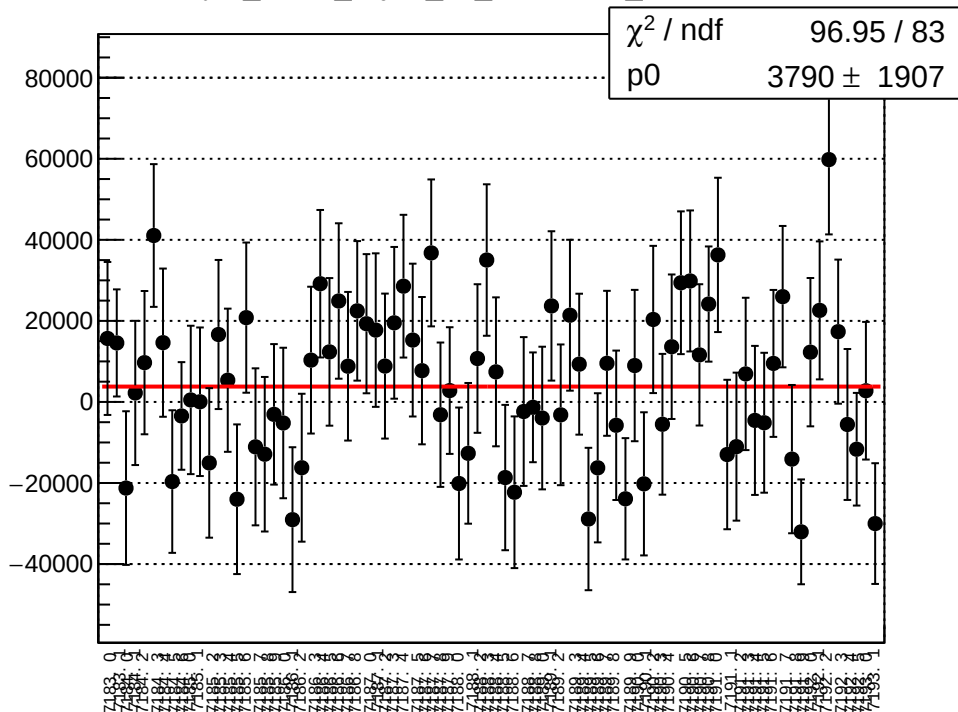


eigen_dit_asym_sam4_rms vs run

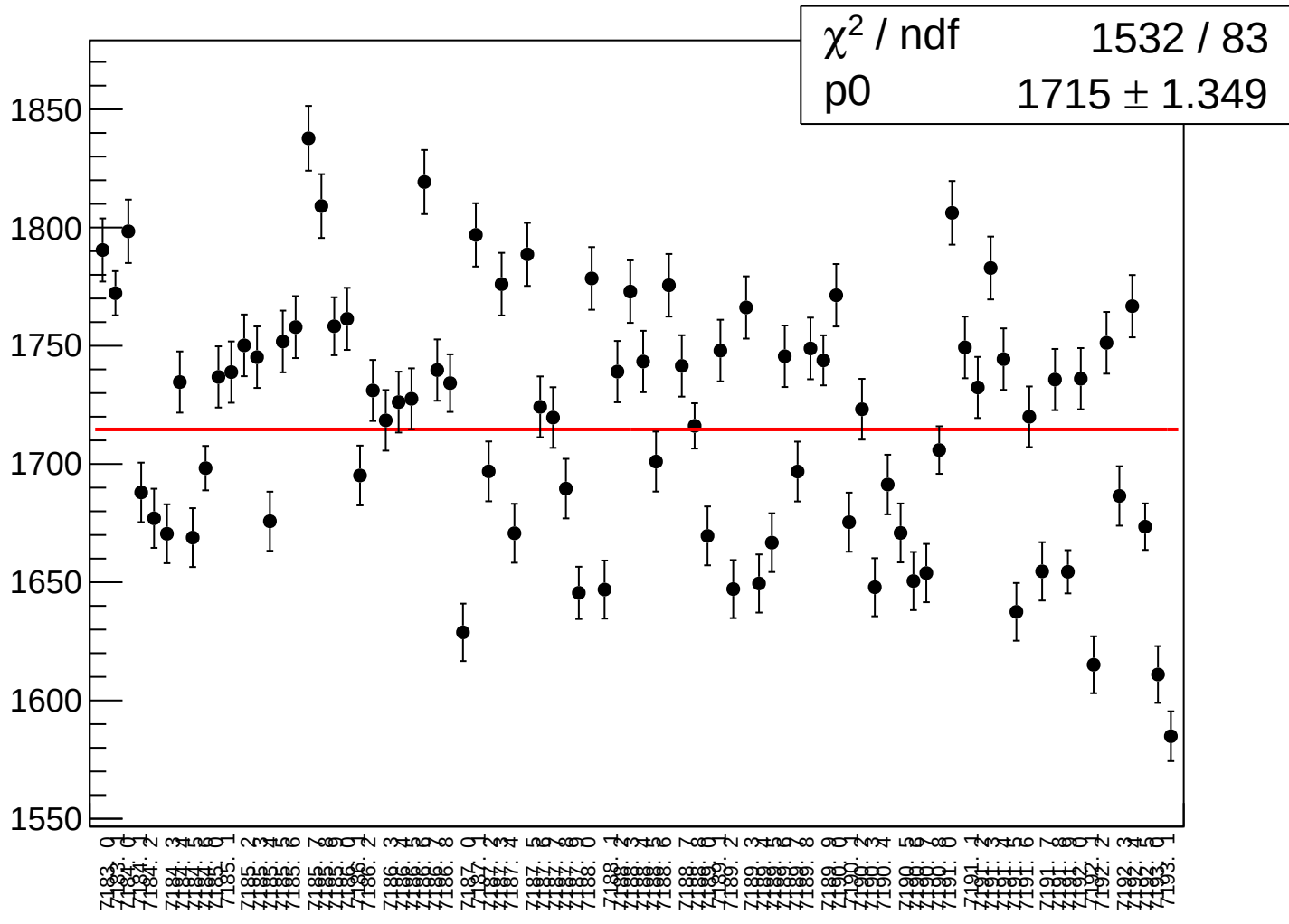
χ^2 / ndf 1.389e+04 / 83
p0 266.6 $\pm$ 0.2105



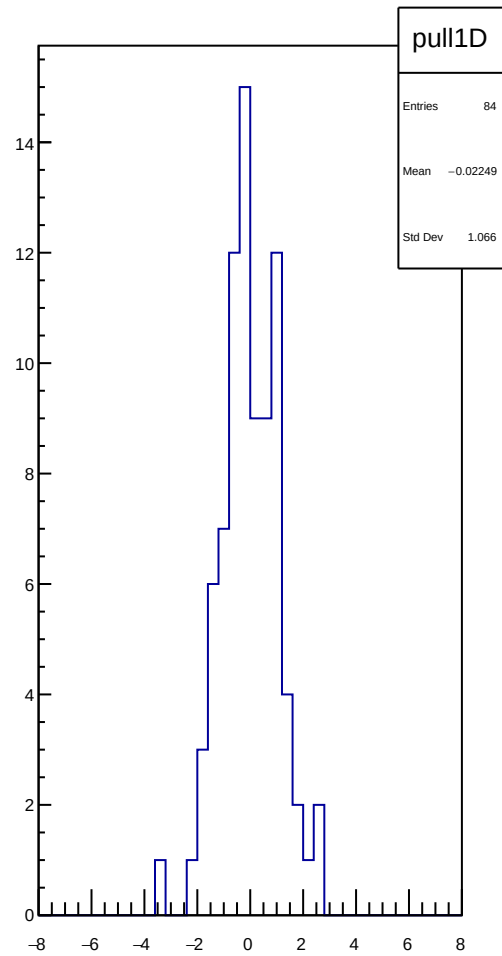
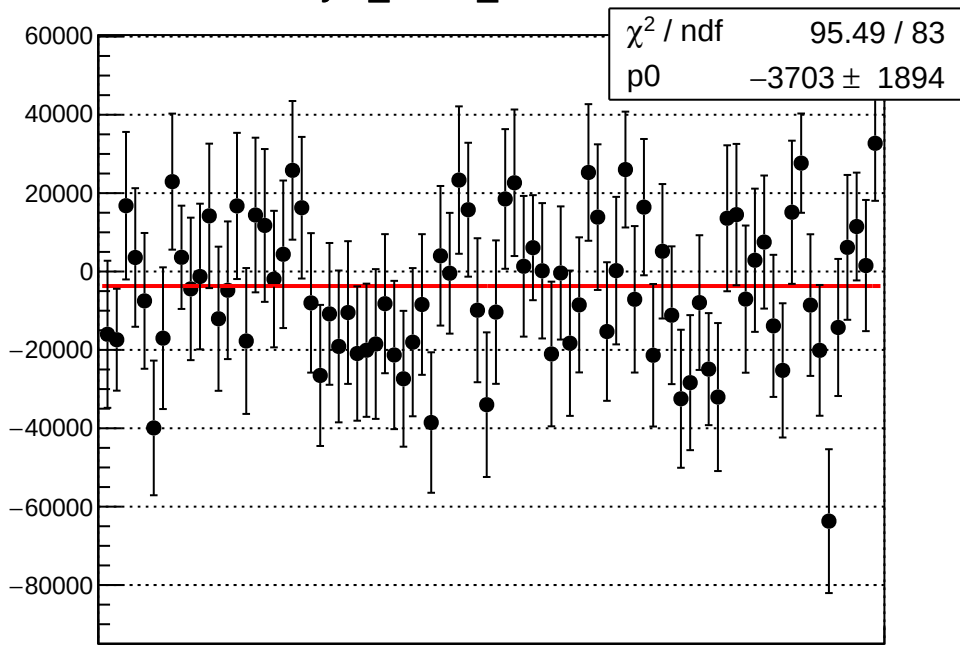
asym_sam4_eigen_dit_correction_mean vs run



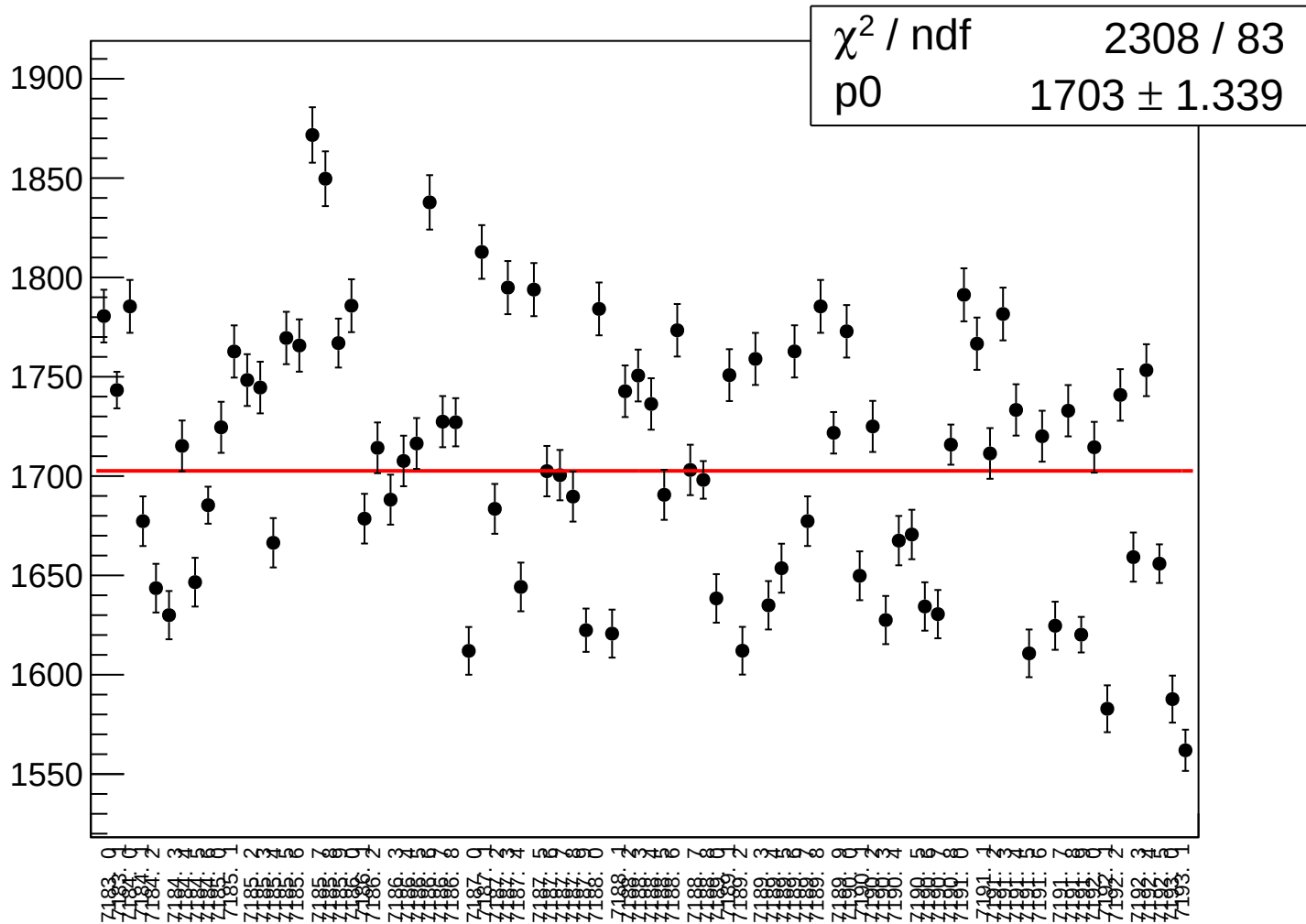
asym_sam4_eigen_dit_correction_rms vs run



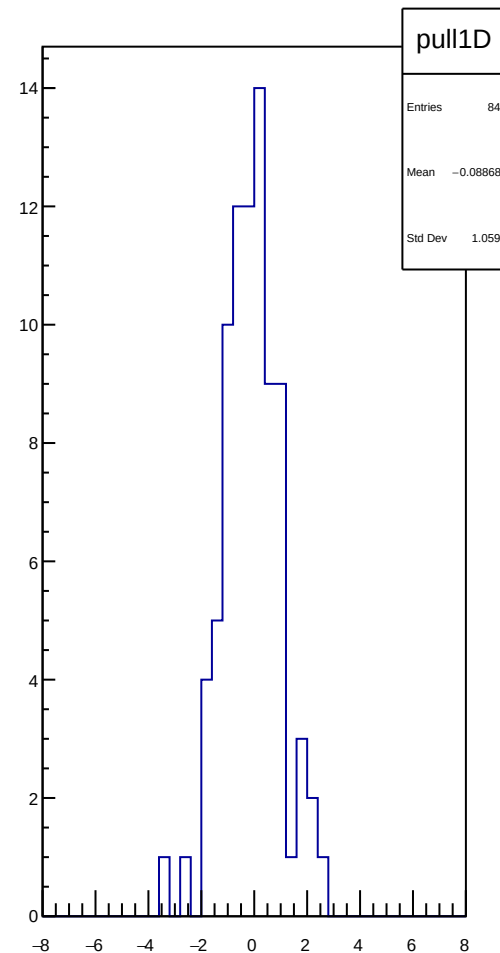
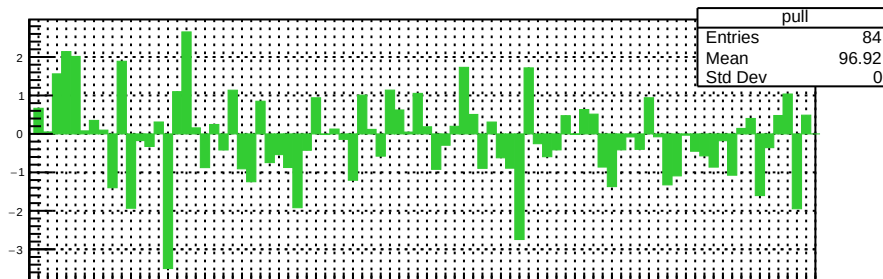
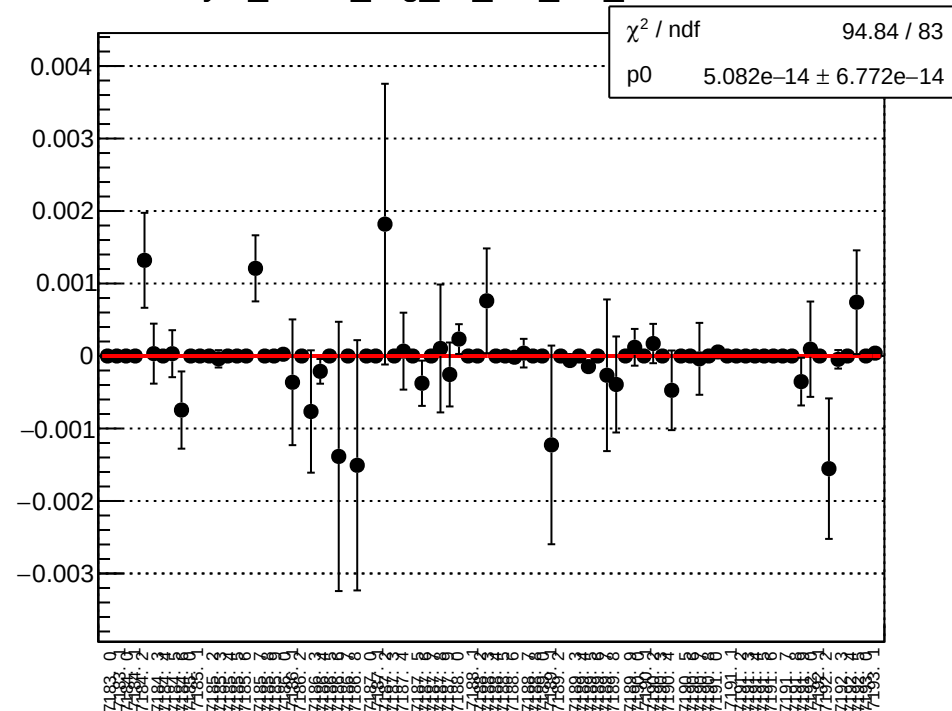
asym_sam4_mean vs run



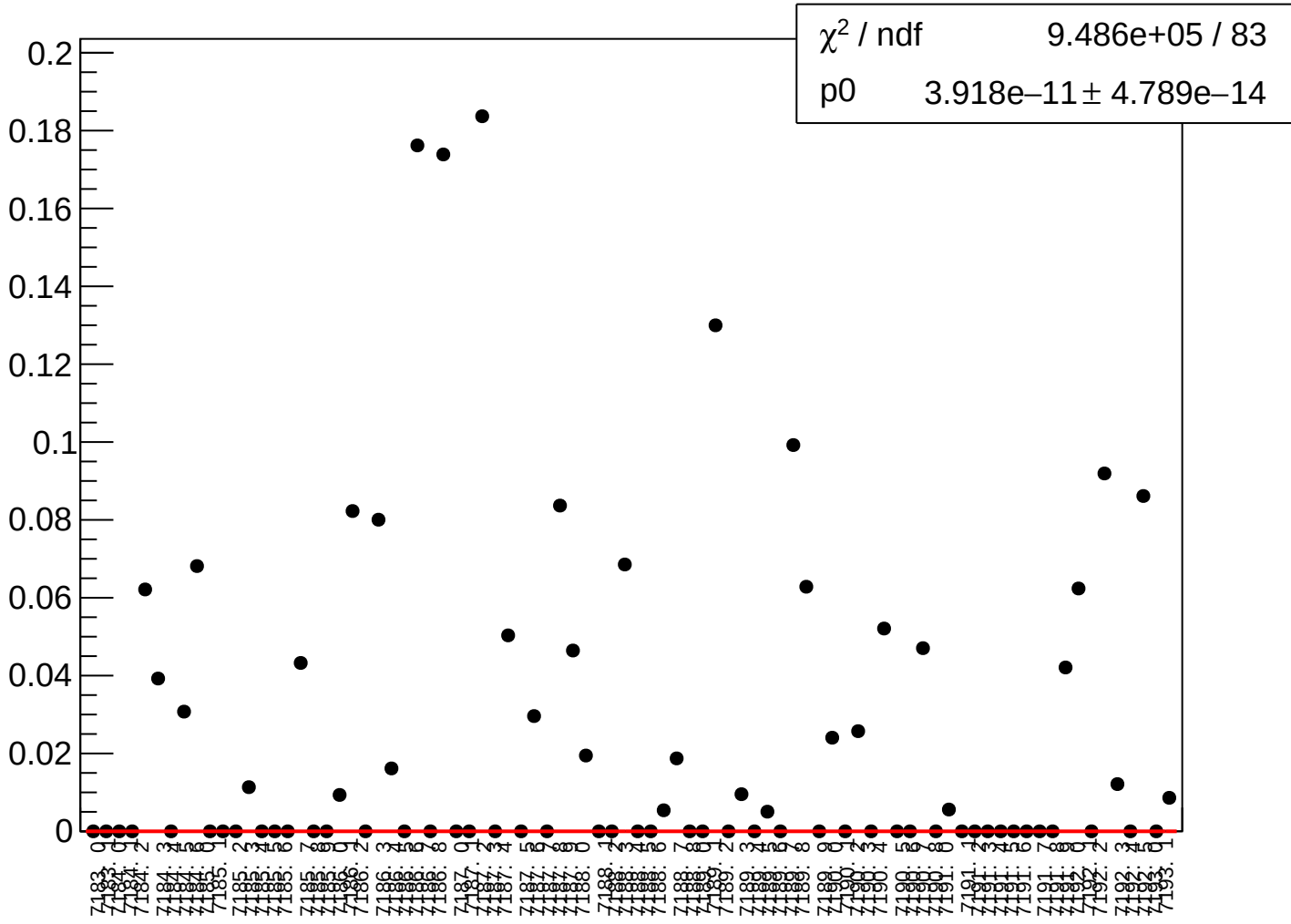
asym_sam4_rms vs run



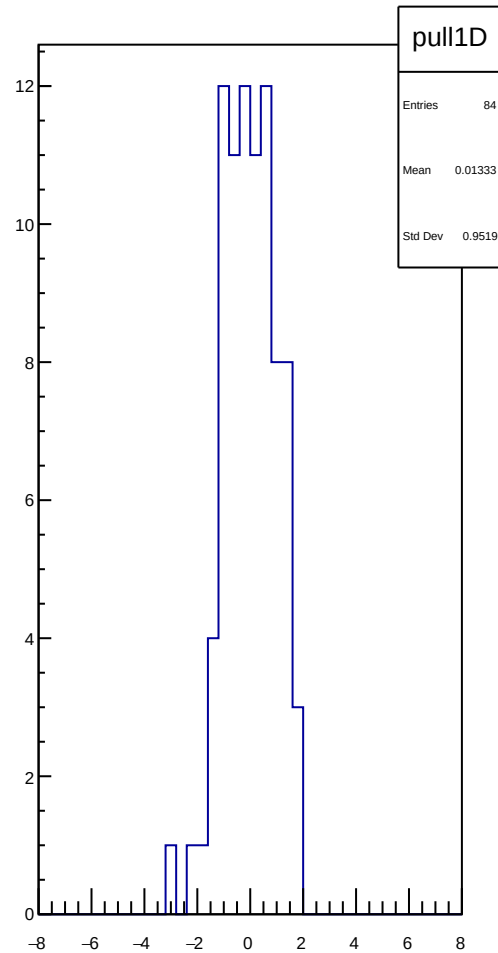
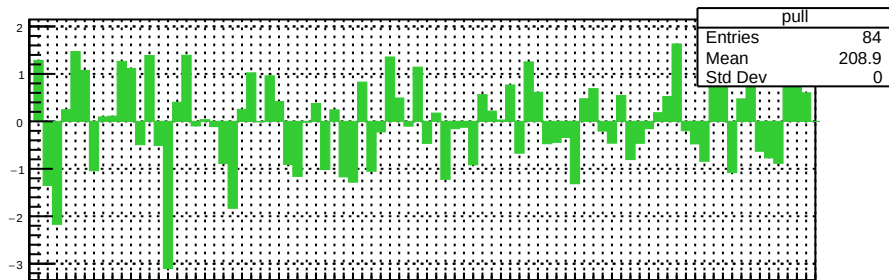
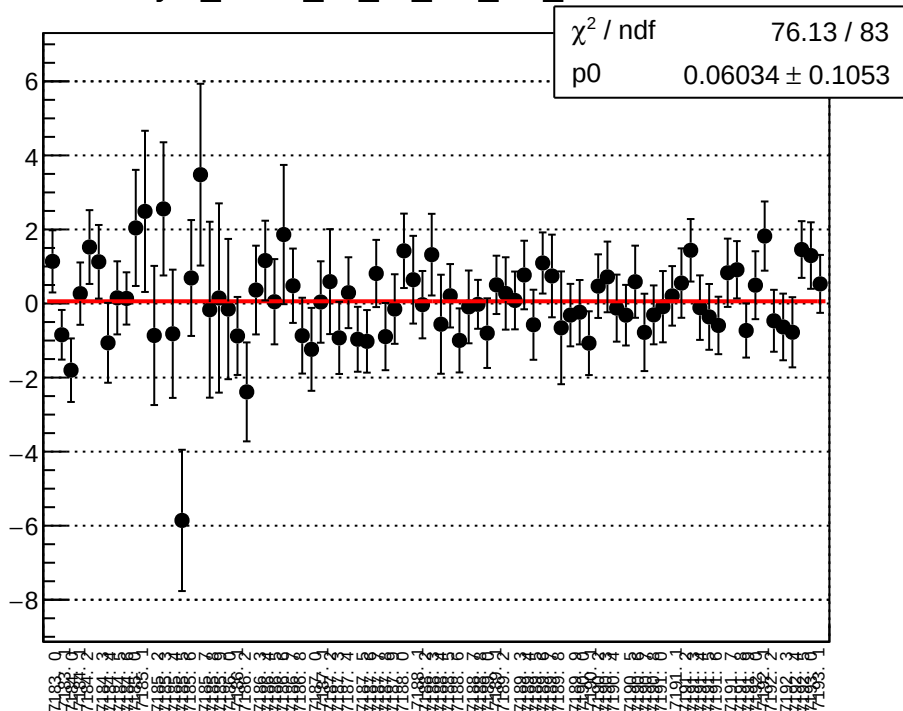
asym_sam4_reg_vs_cor_diff_mean vs run



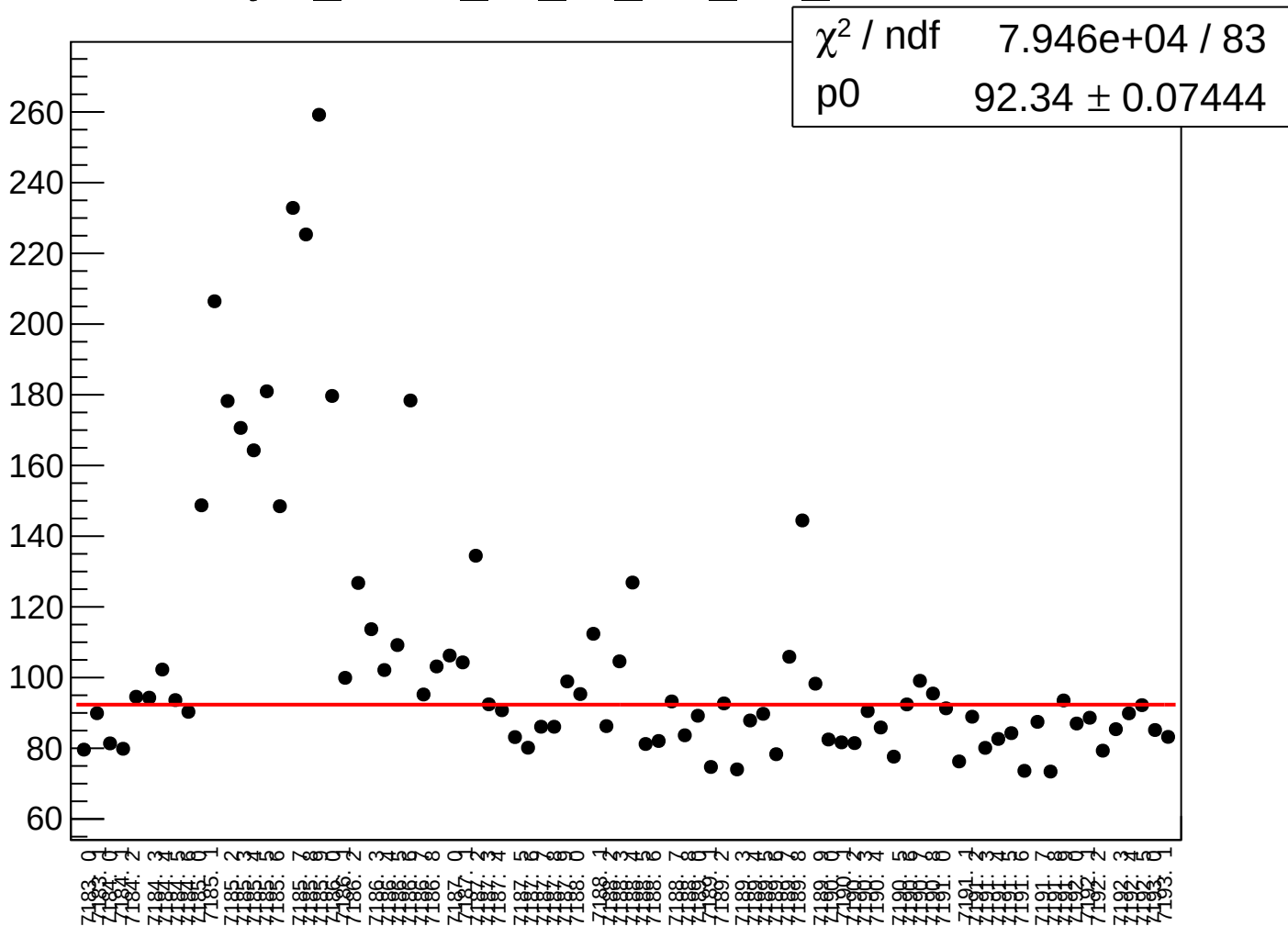
asym sam4 reg vs cor diff rms vs run



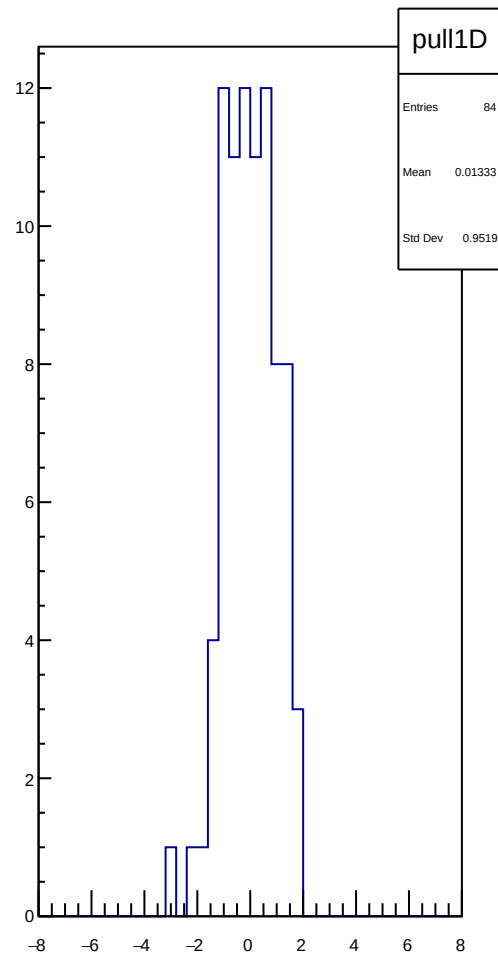
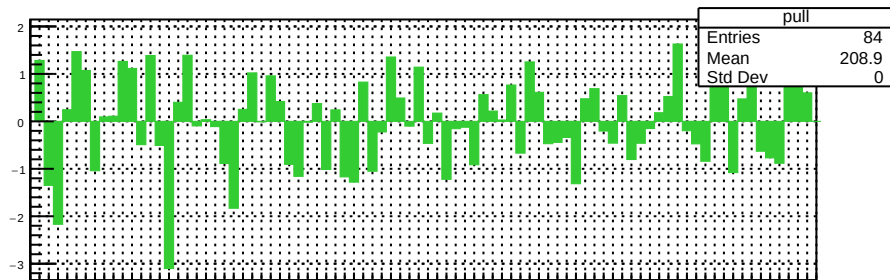
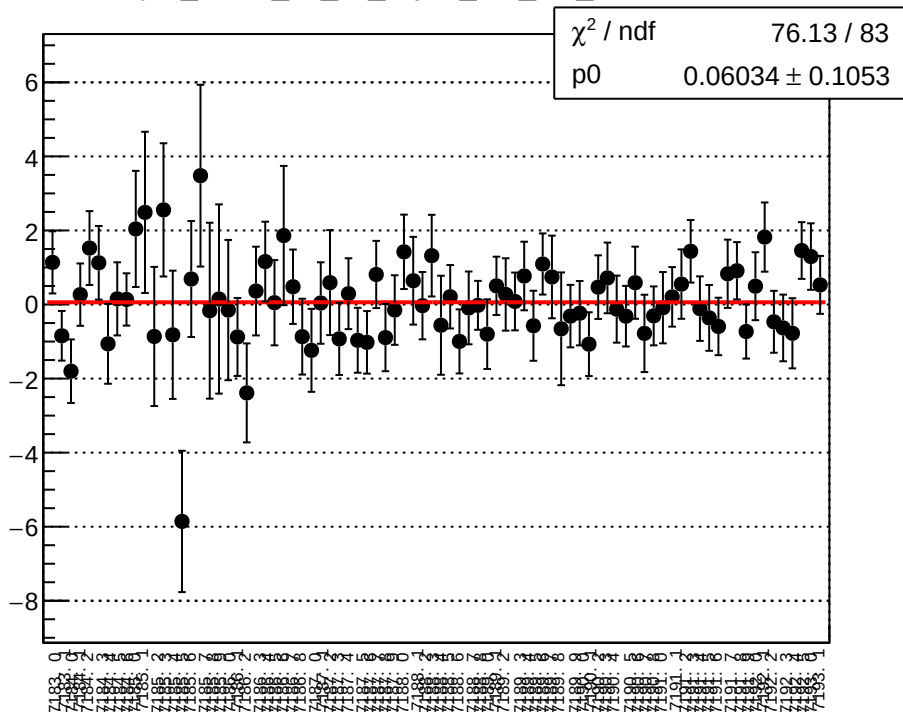
asym_sam4_dit_vs_cor_diff_mean vs run



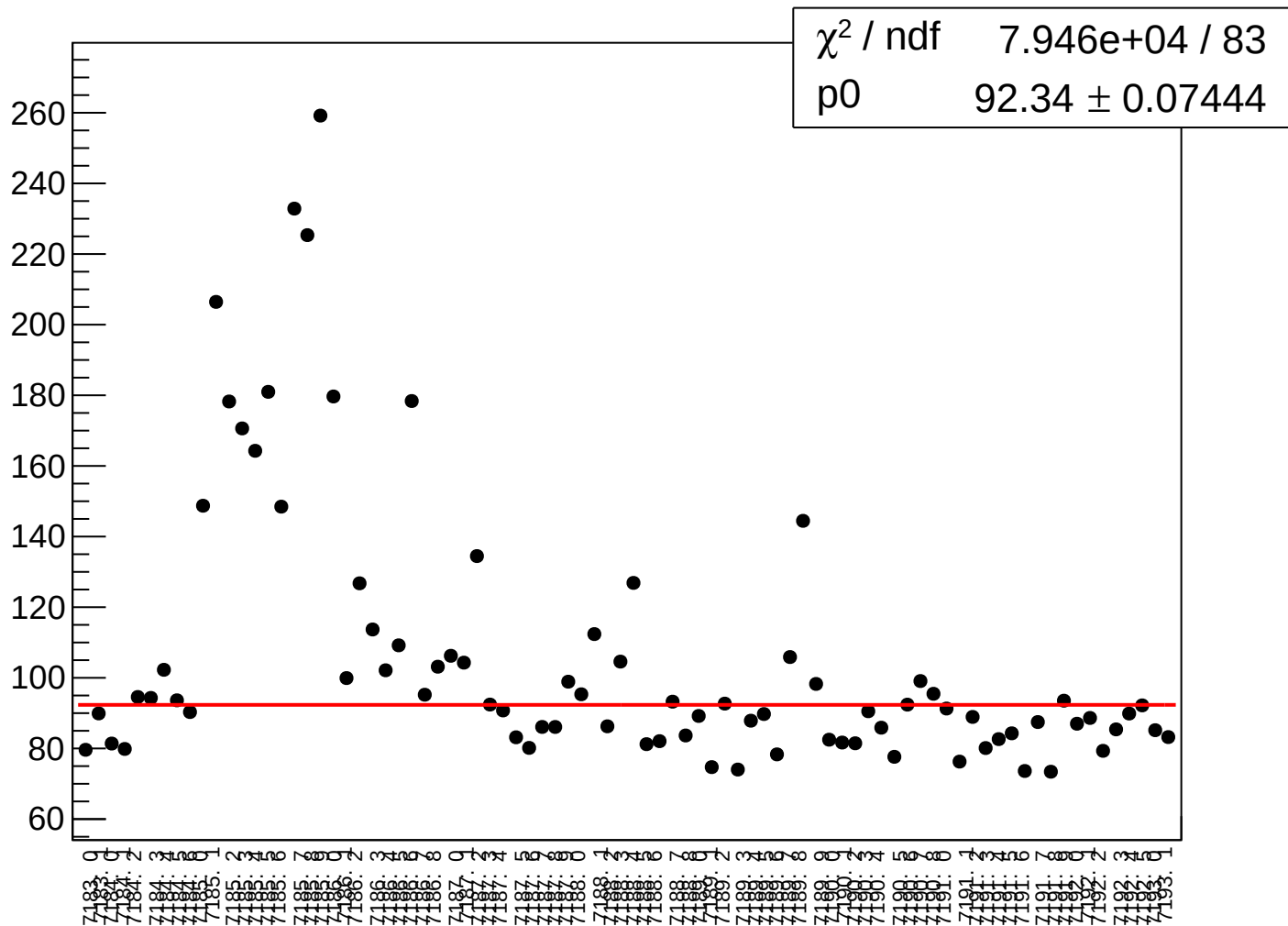
asym_sam4_dit_vs_cor_diff_rms vs run



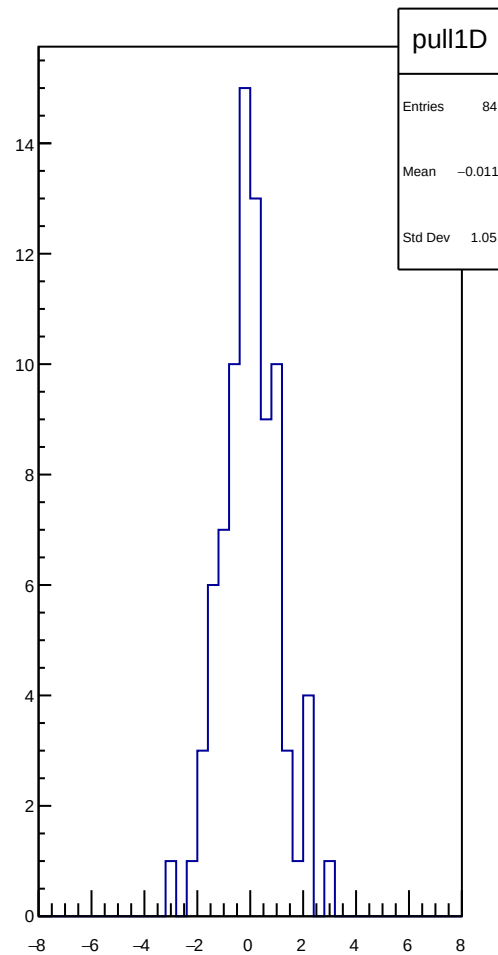
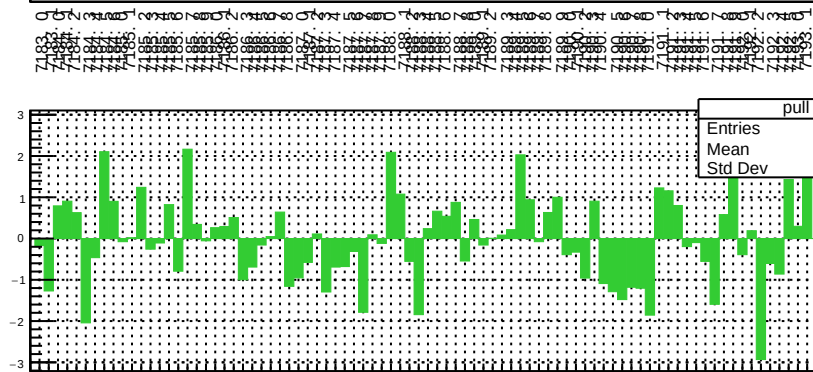
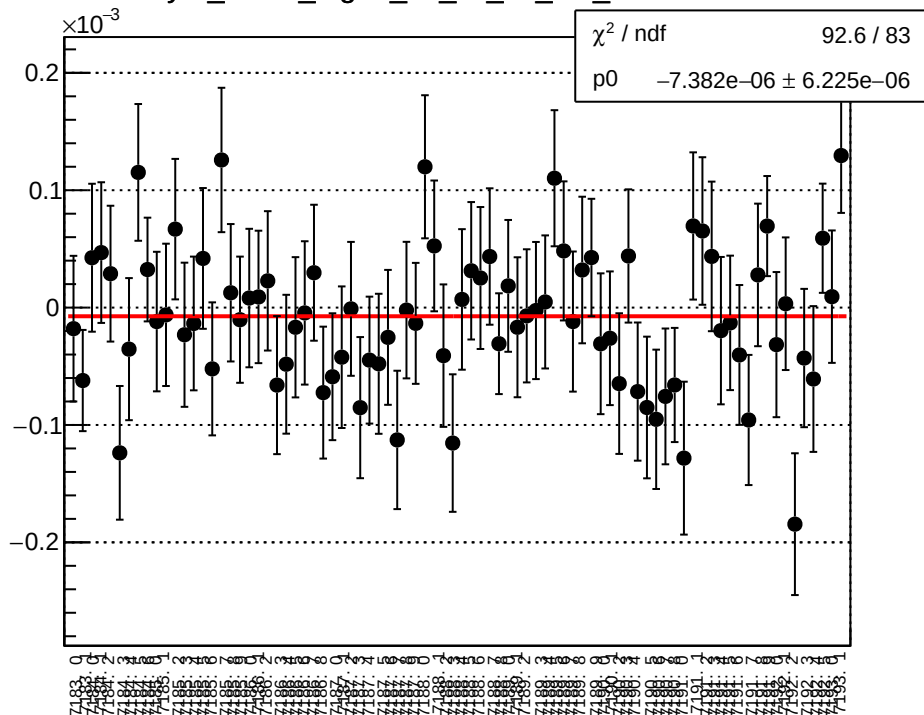
asym_sam4_dit_vs_eigen_cor_diff_mean vs run



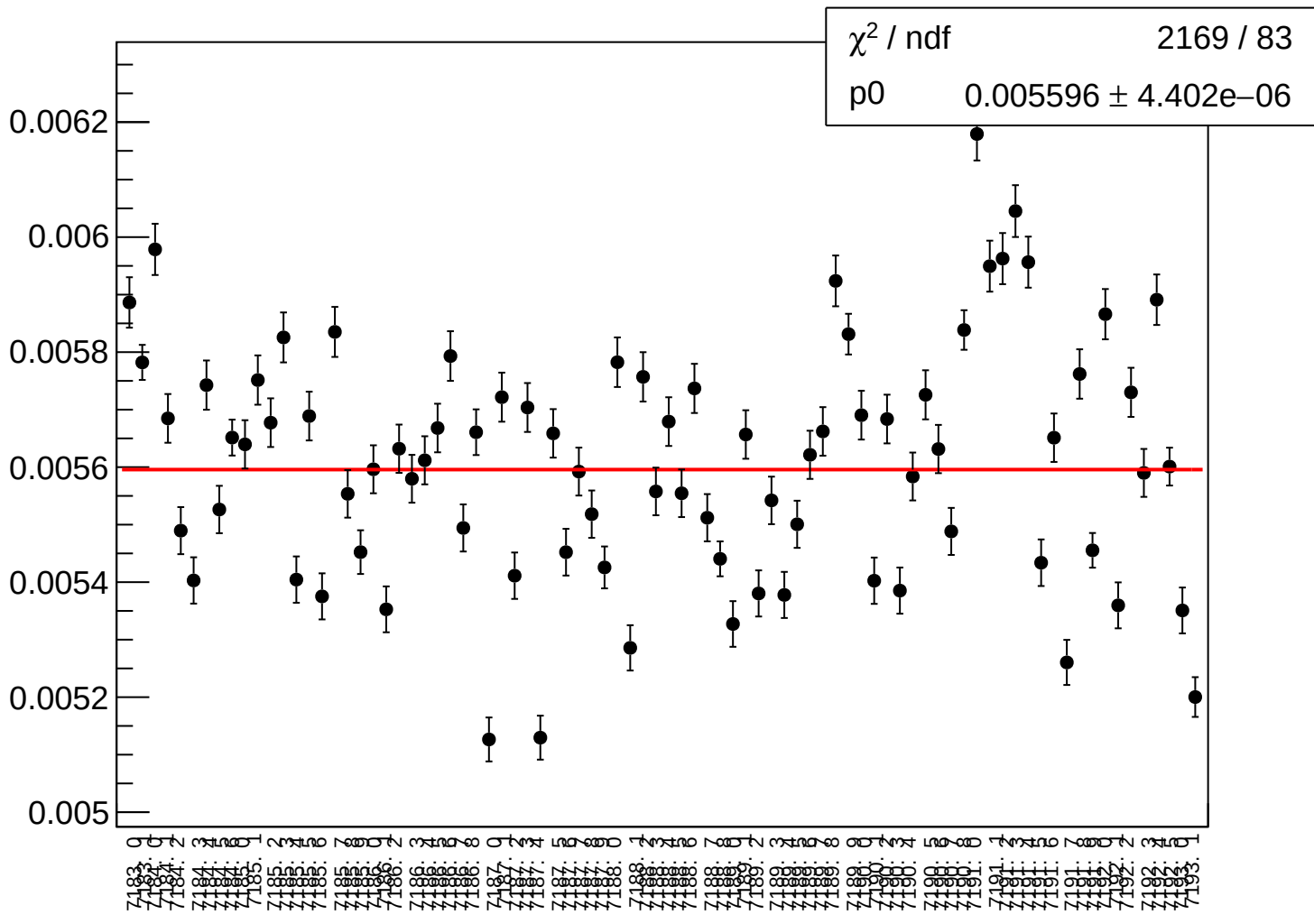
asym_sam4_dit_vs_eigen_cor_diff_rms vs run



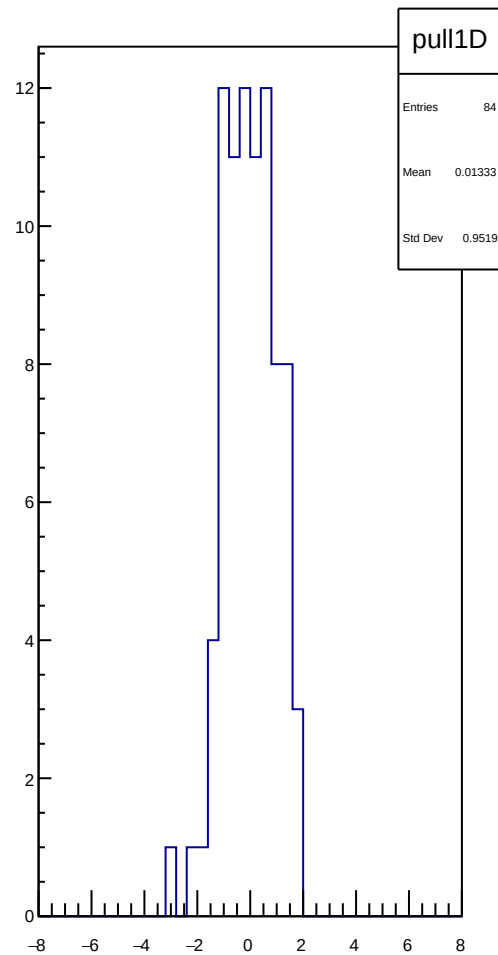
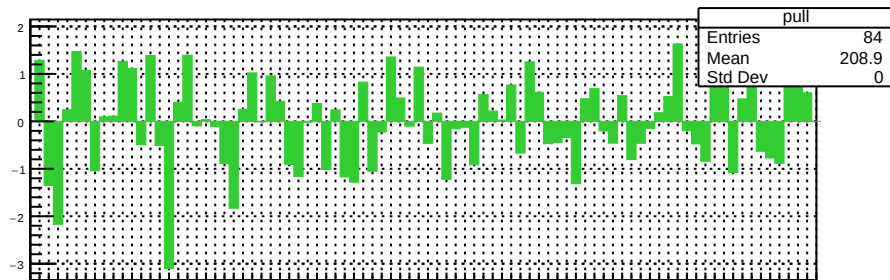
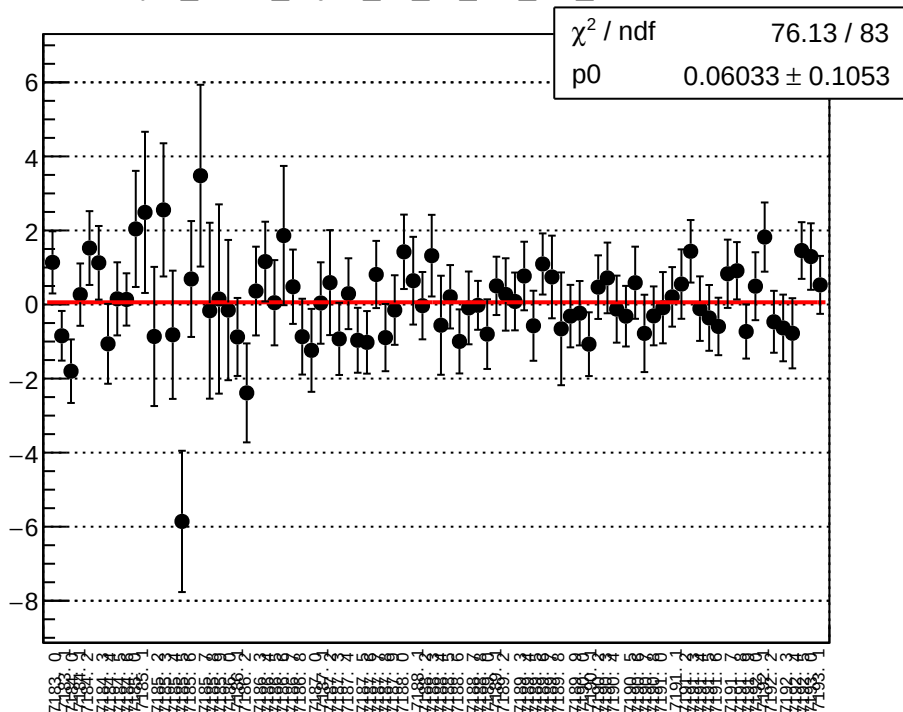
asym_sam4_eigen_dit_vs_dit_diff_mean vs run



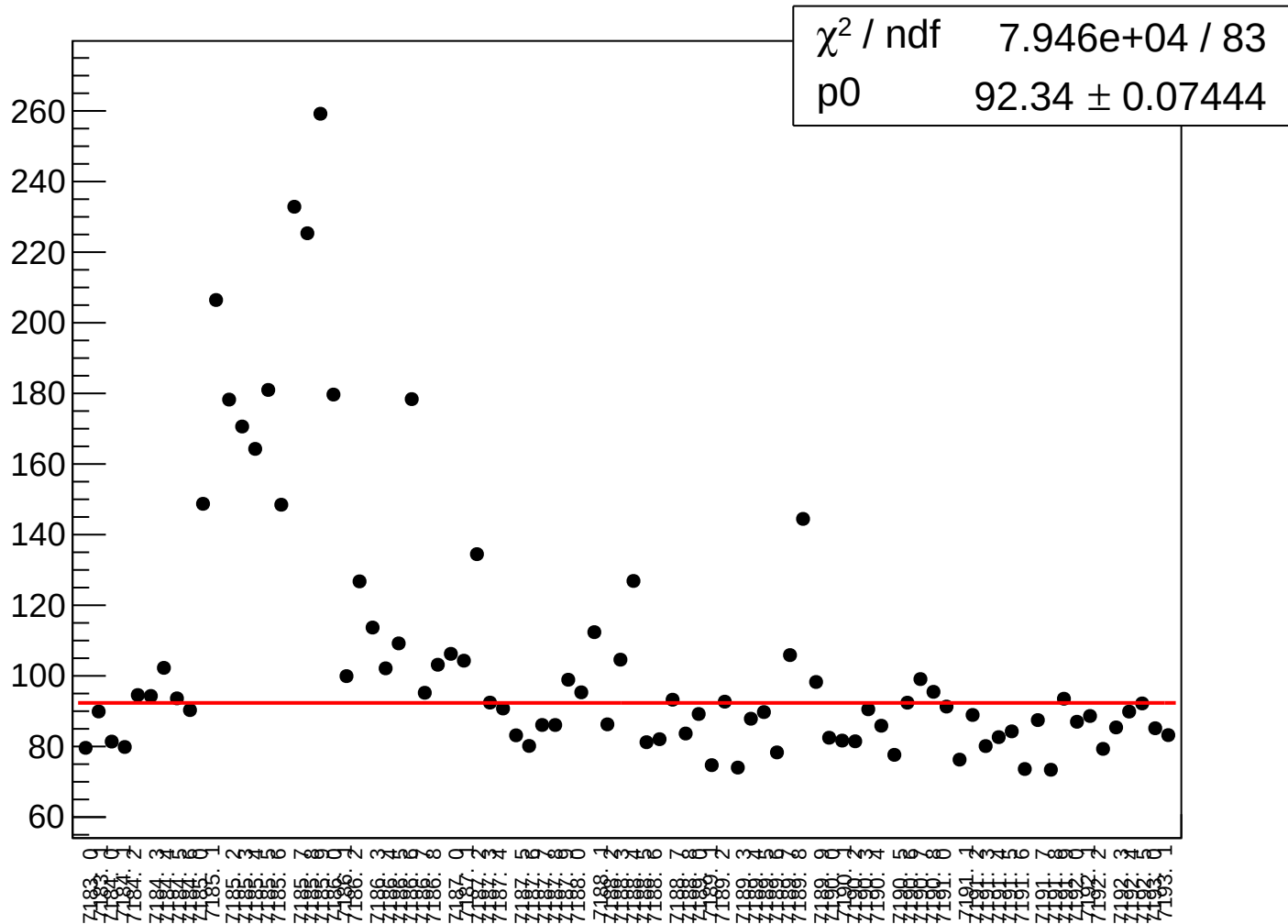
asym_sam4_eigen_dit_vs_dit_diff_rms vs run



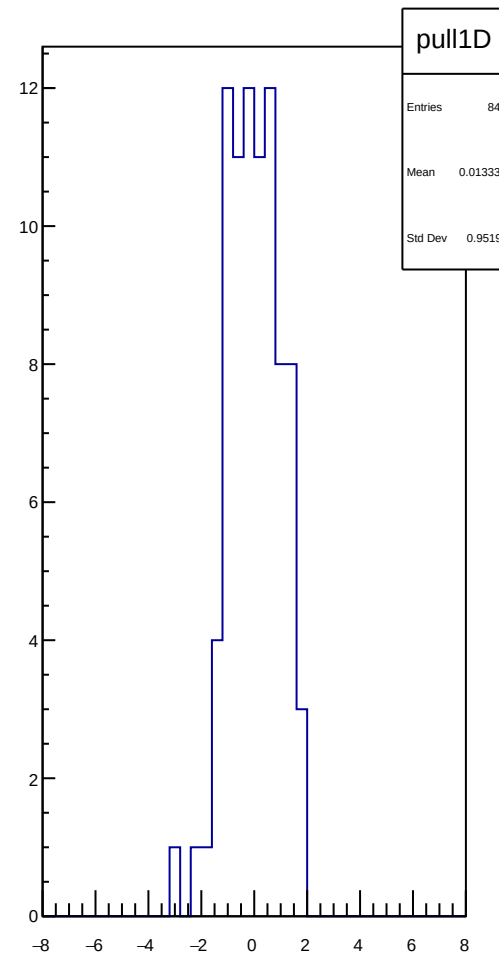
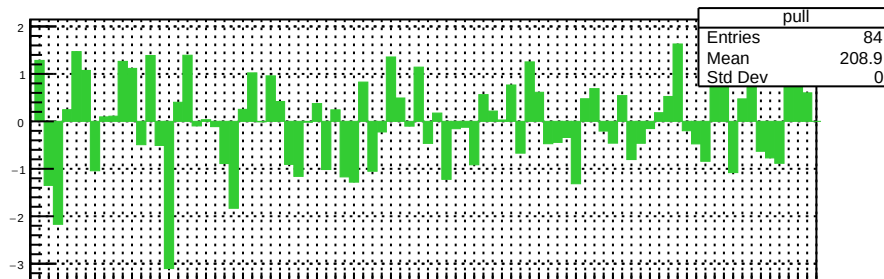
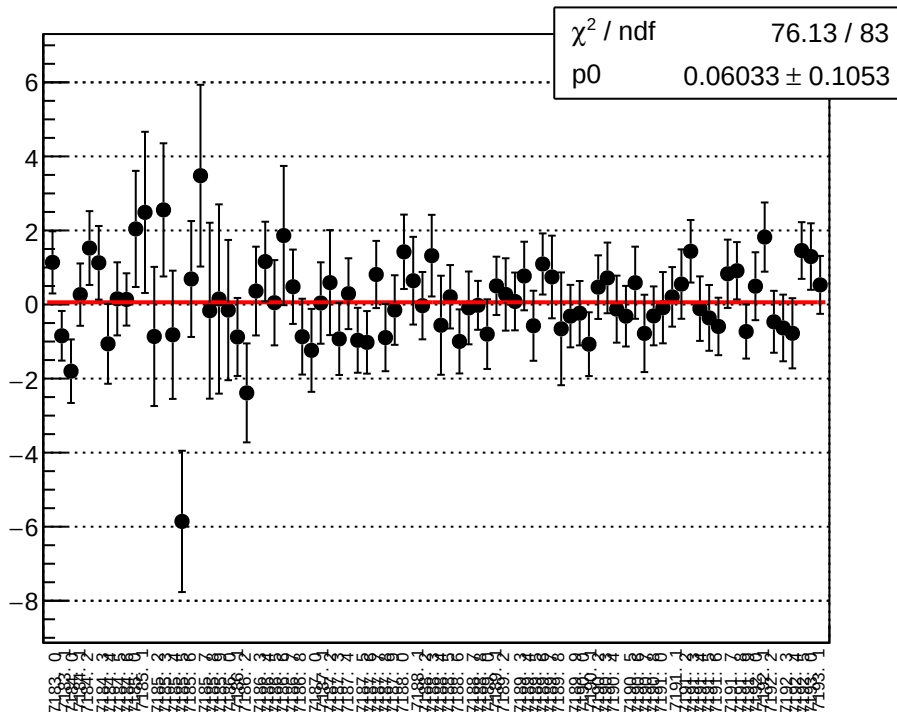
asym_sam4_eigen_dit_vs_cor_diff_mean vs run



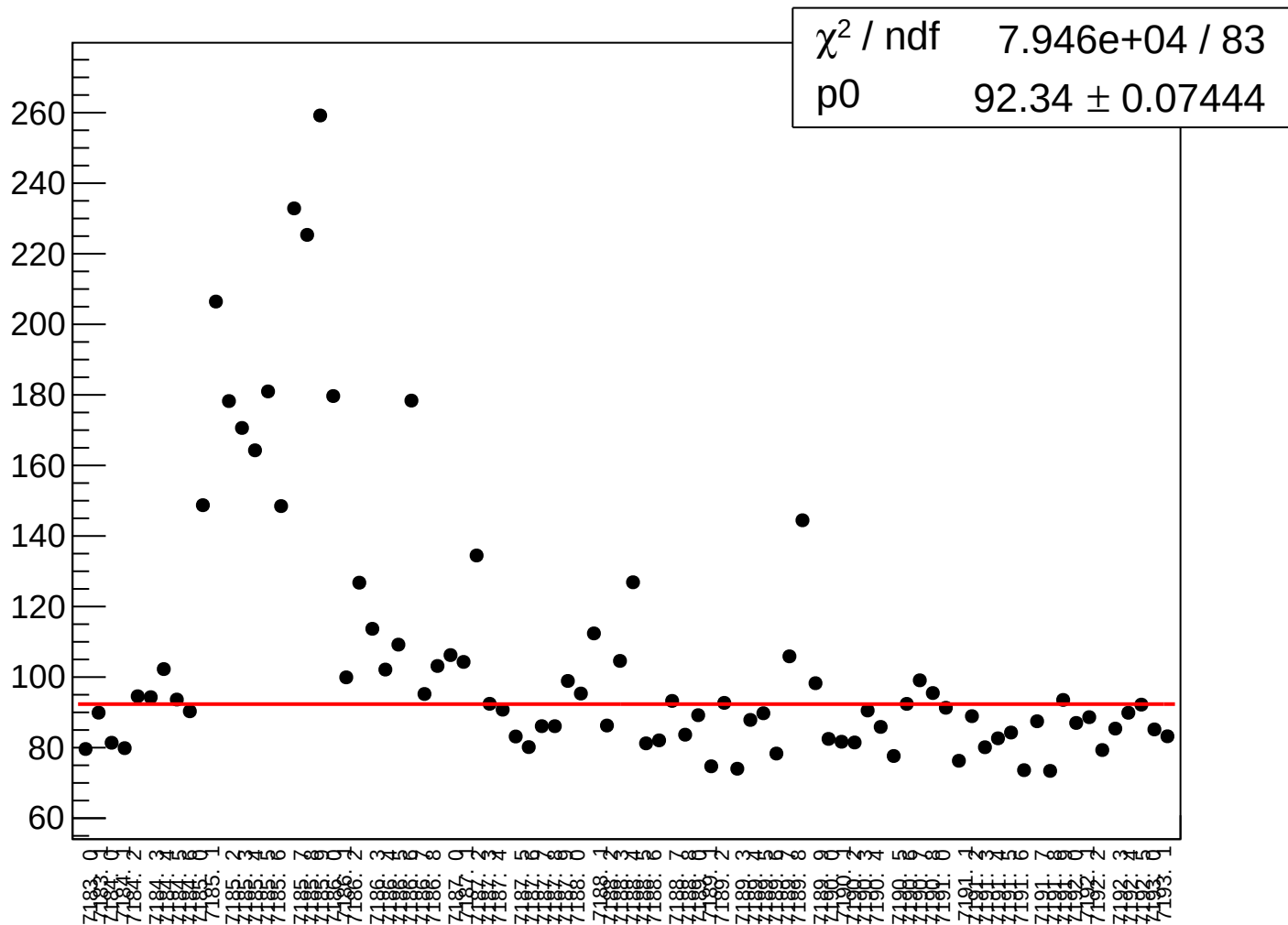
asym_sam4_eigen_dit_vs_cor_diff_rms vs run



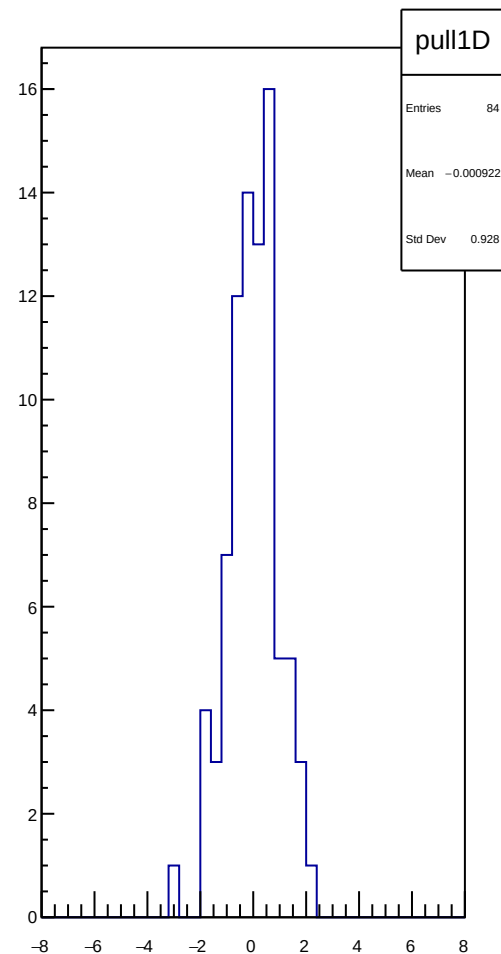
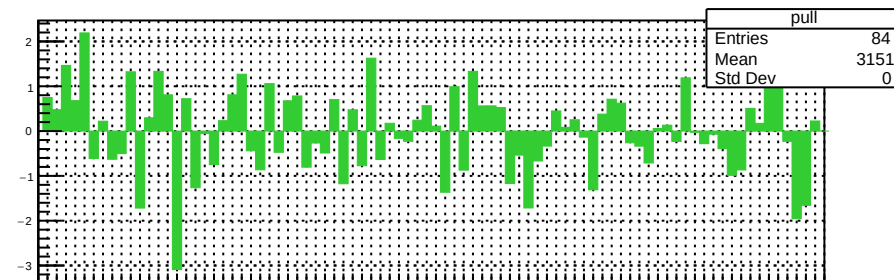
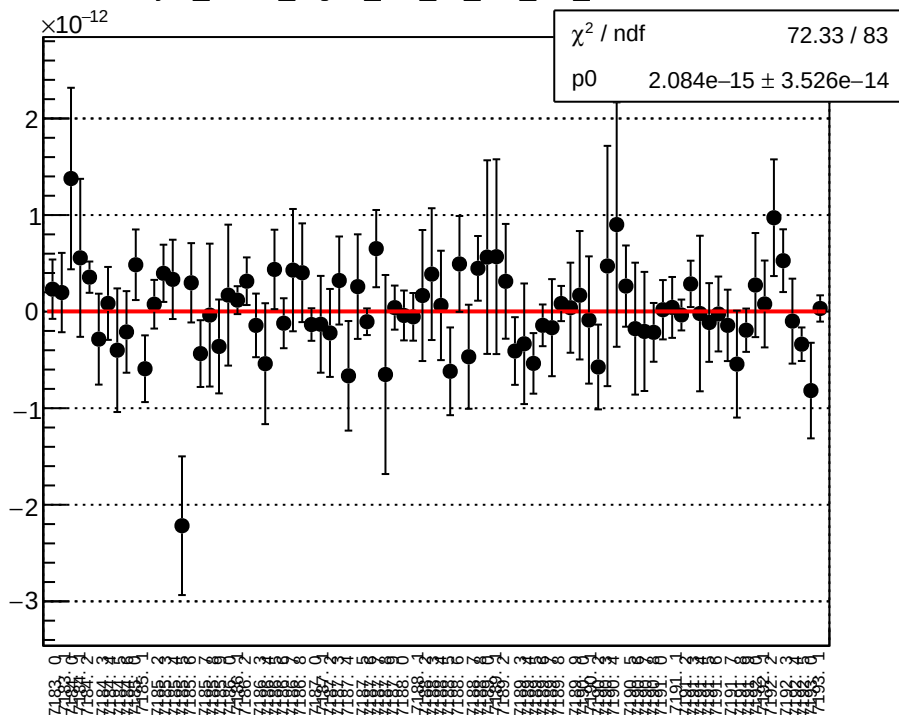
asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs run



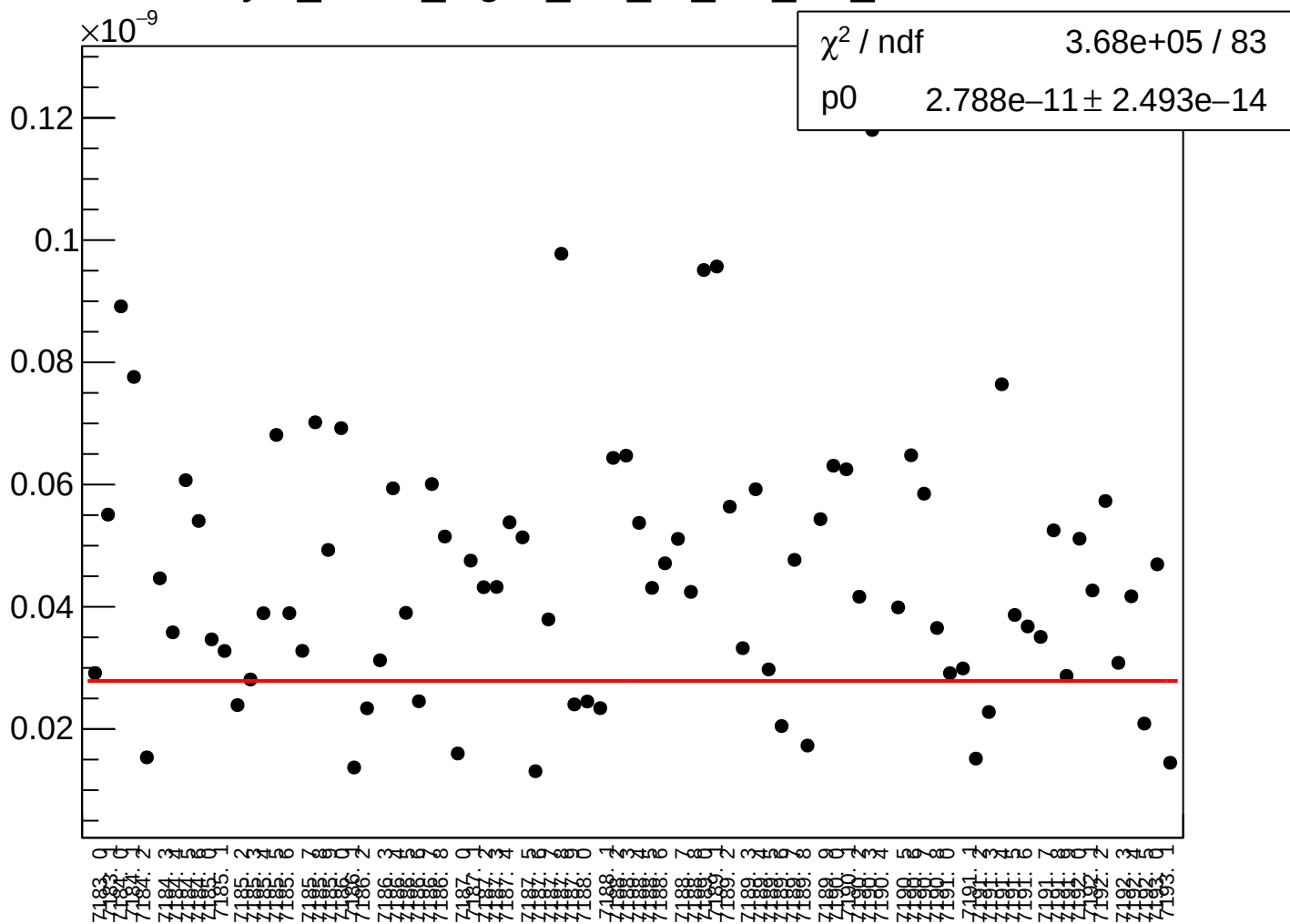
asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs run



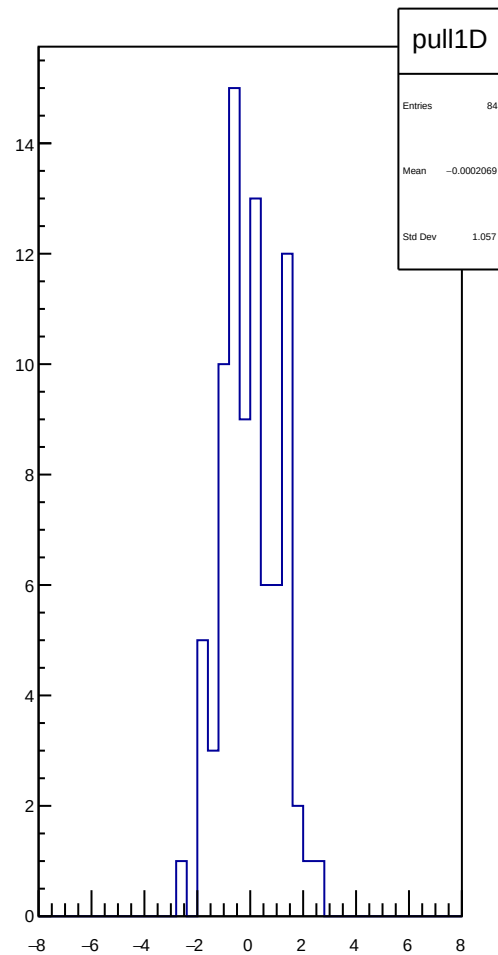
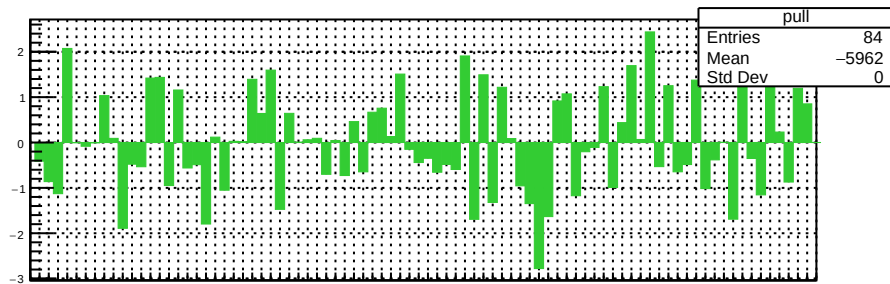
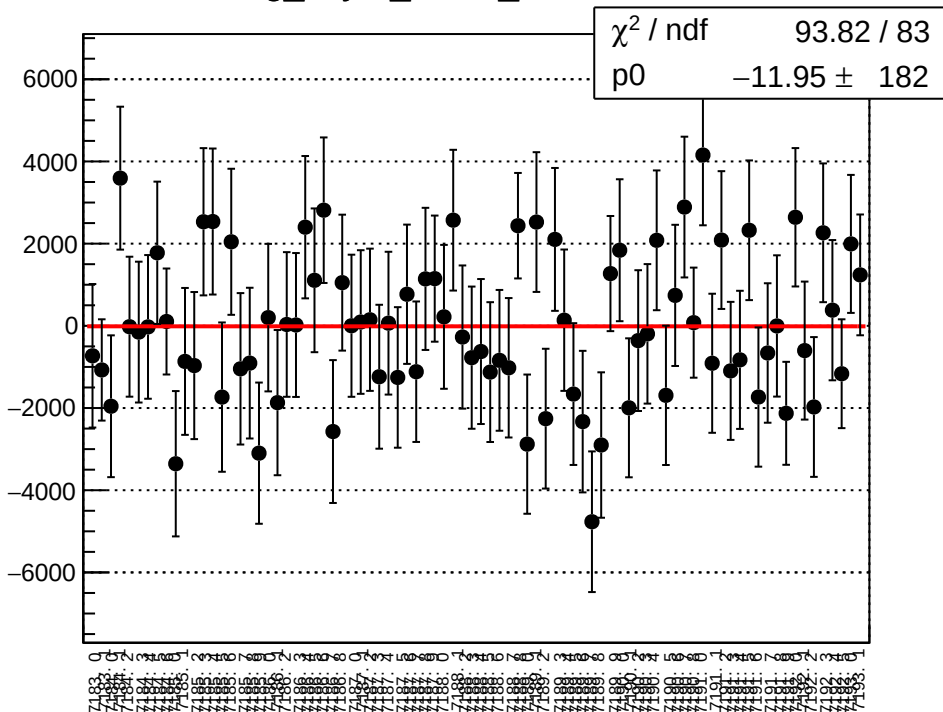
asym_sam4_eigen_cor_vs_cor_diff_mean vs run



asym_sam4_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam5_mean vs run



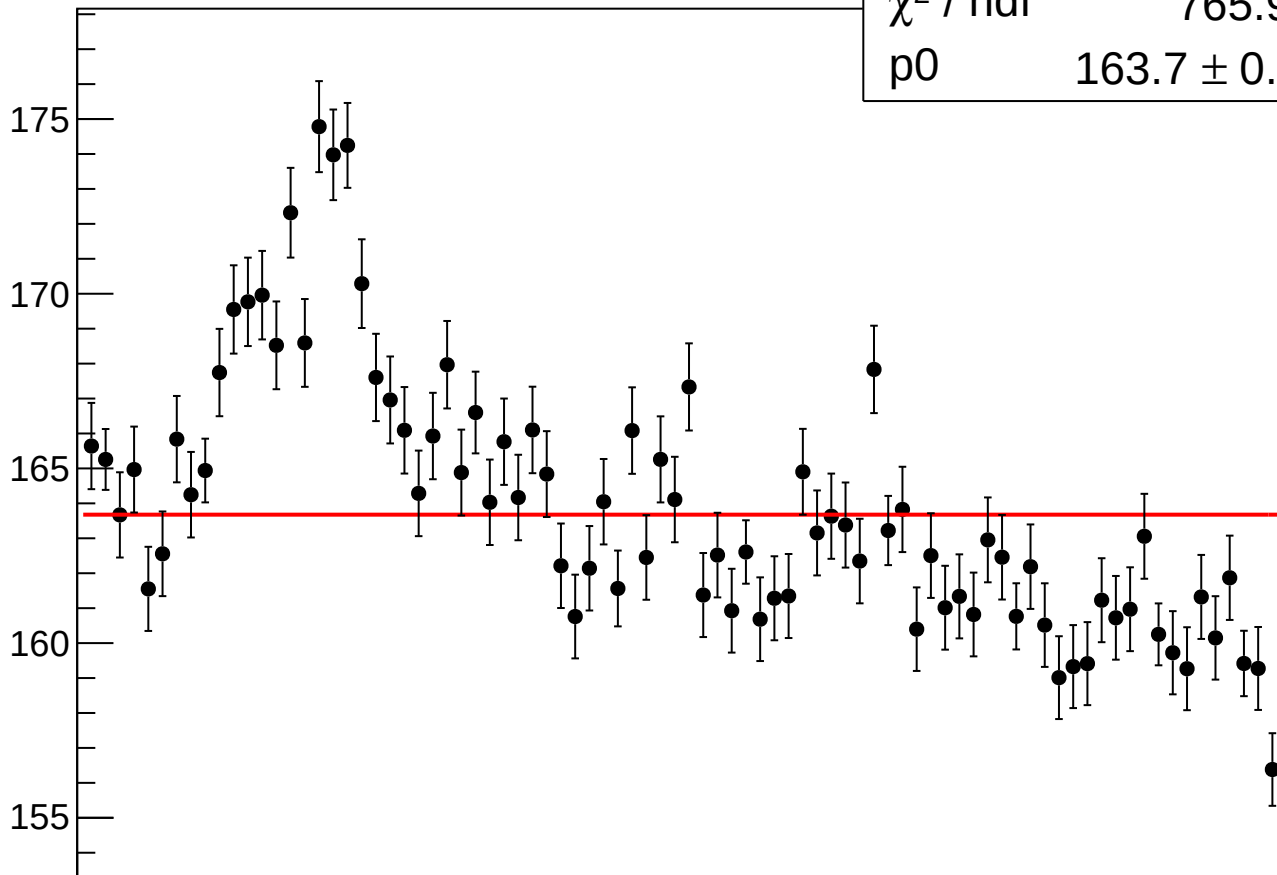
reg_asym_sam5_rms vs run

χ^2 / ndf

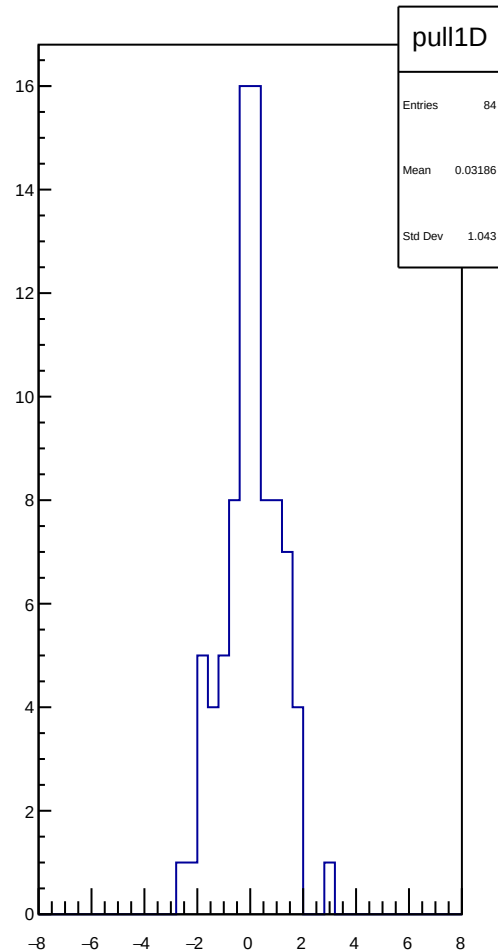
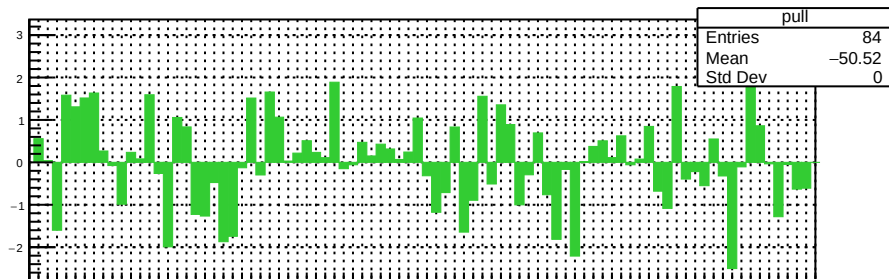
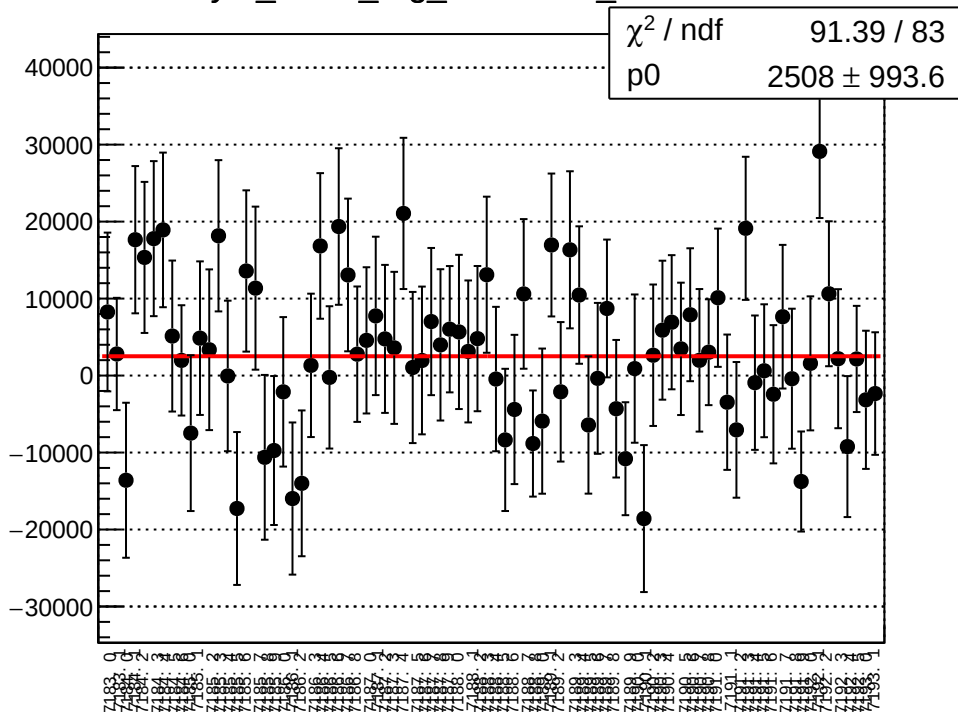
765.9 / 83

p0

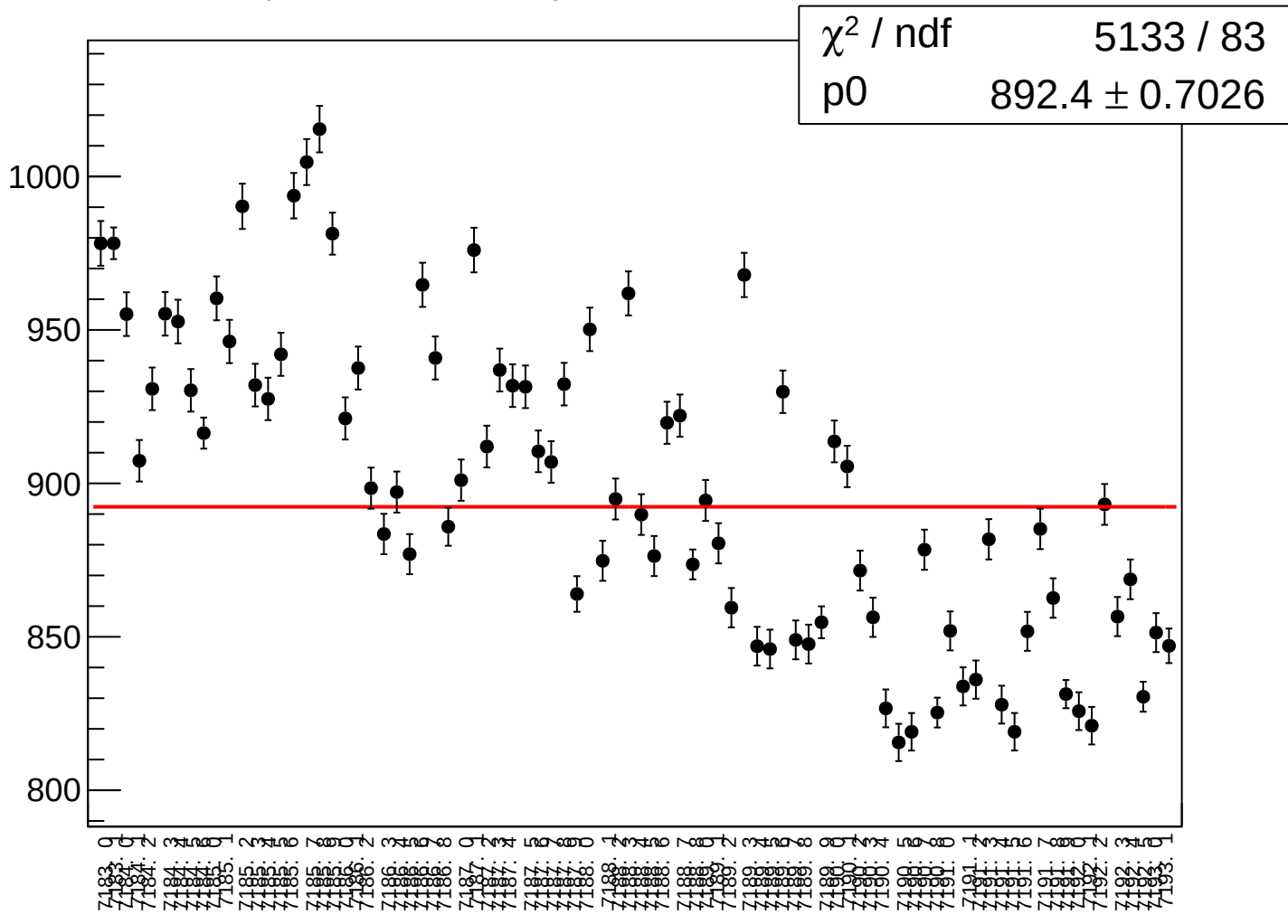
163.7 ± 0.1287



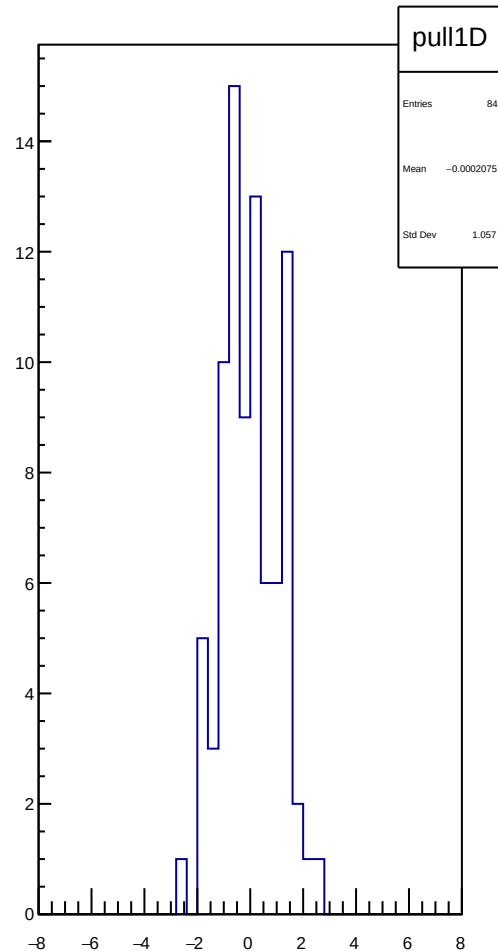
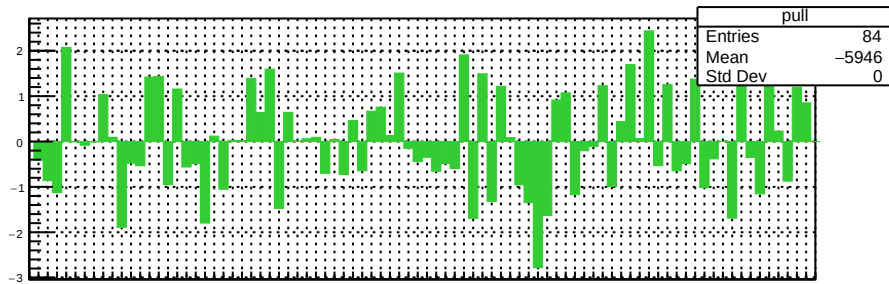
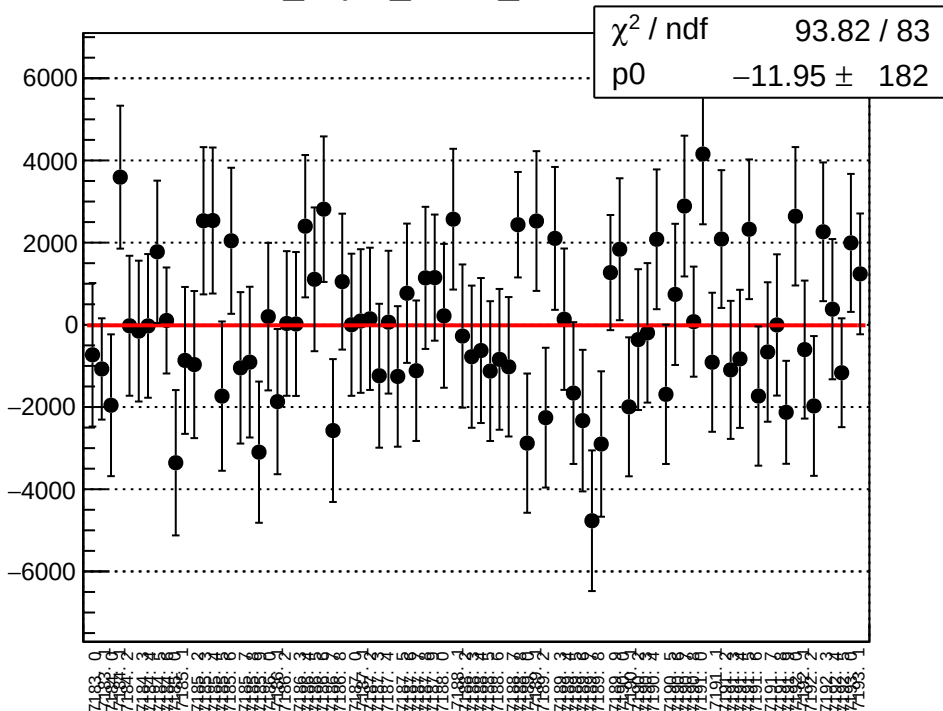
asym_sam5_reg_correction_mean vs run



asym_sam5_reg_correction_rms vs run



cor_asym_sam5_mean vs run



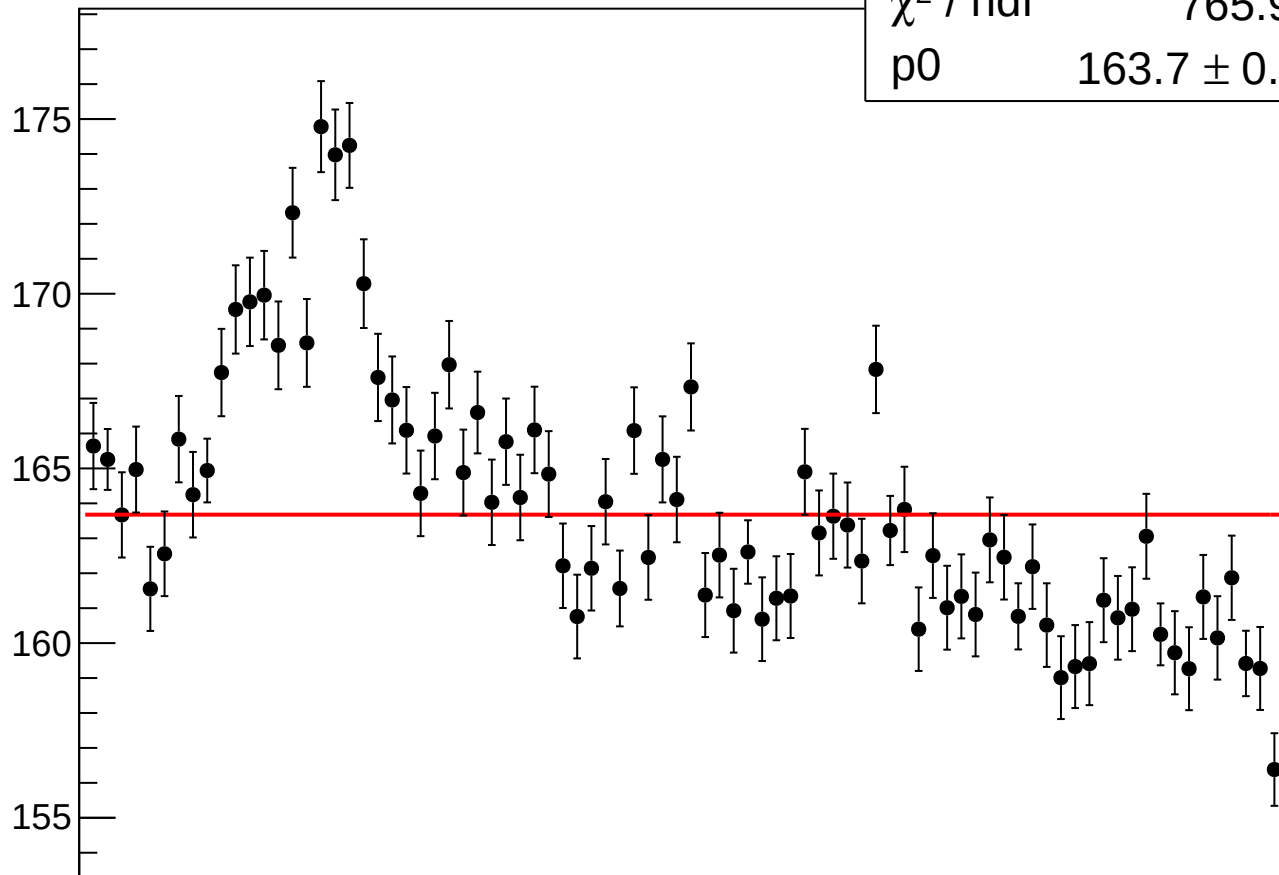
cor_asym_sam5_rms vs run

χ^2 / ndf

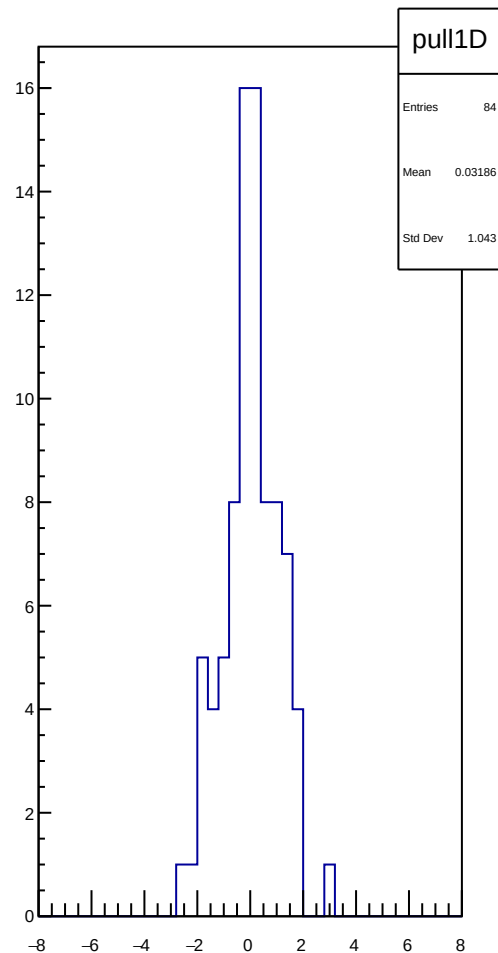
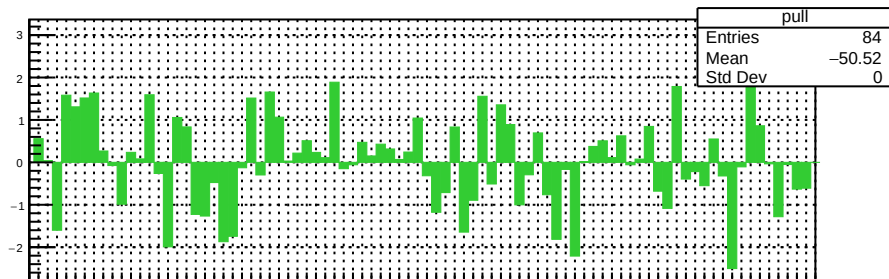
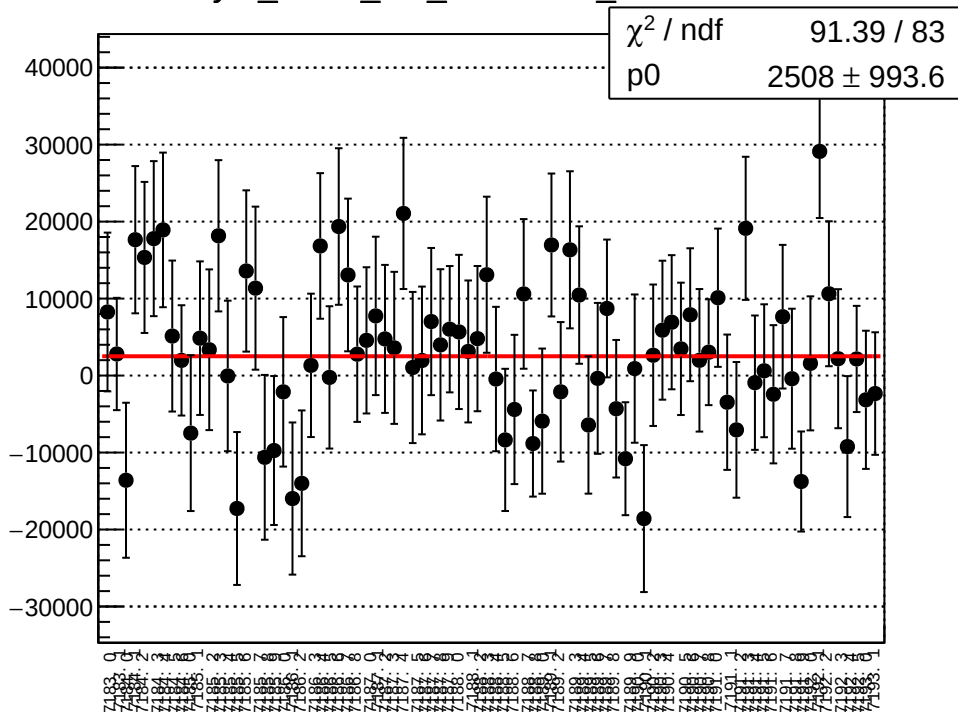
765.9 / 83

p0

163.7 ± 0.1287



asym_sam5_cor_correction_mean vs run



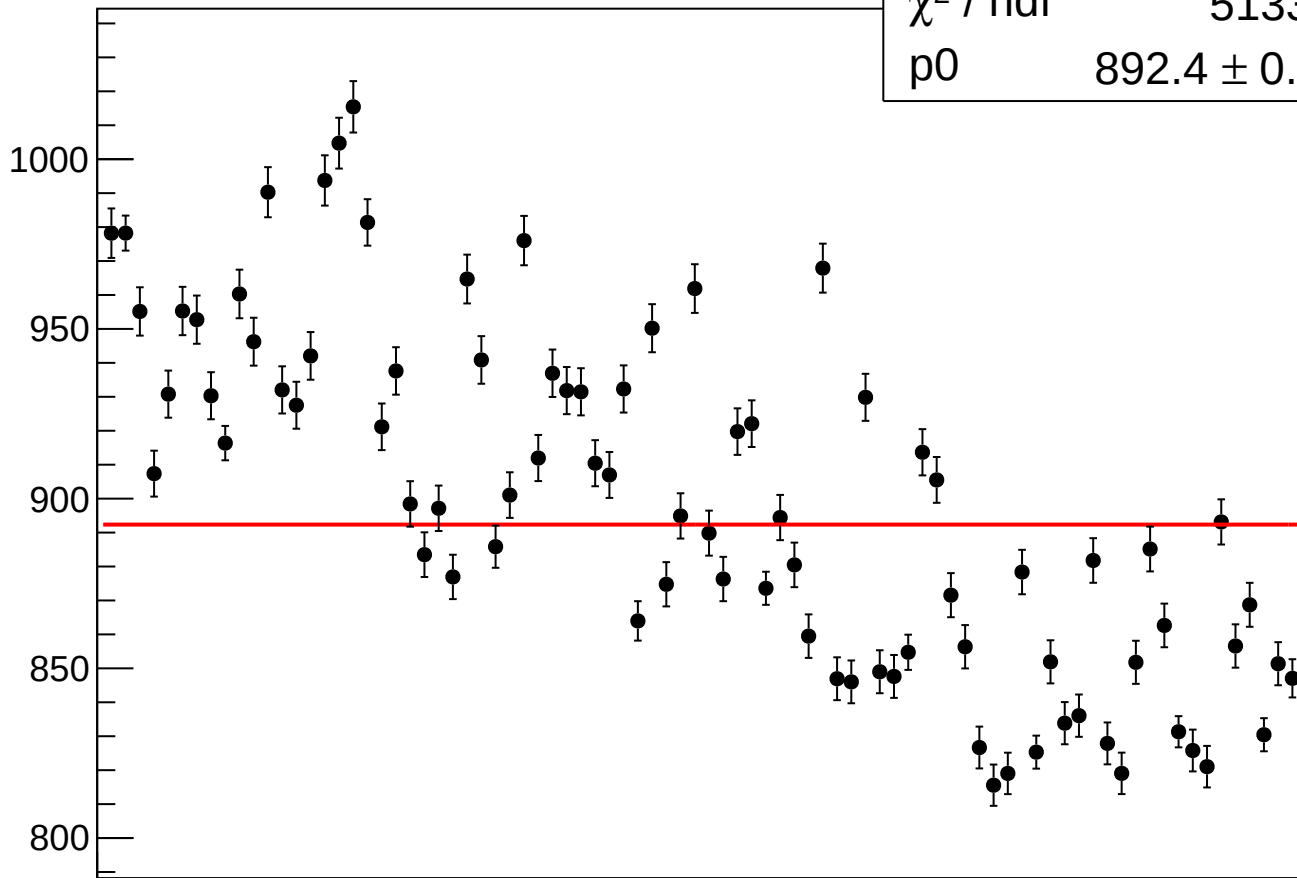
asym_sam5_cor_correction_rms vs run

χ^2 / ndf

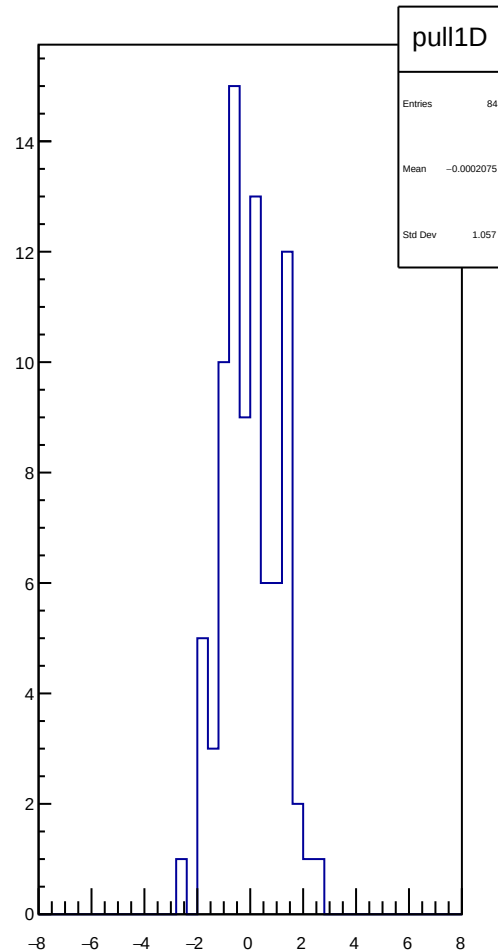
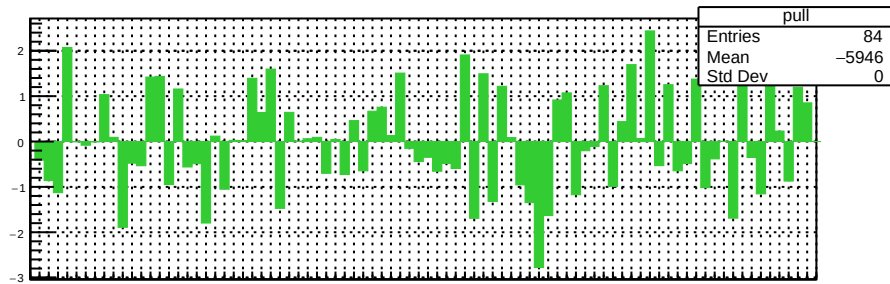
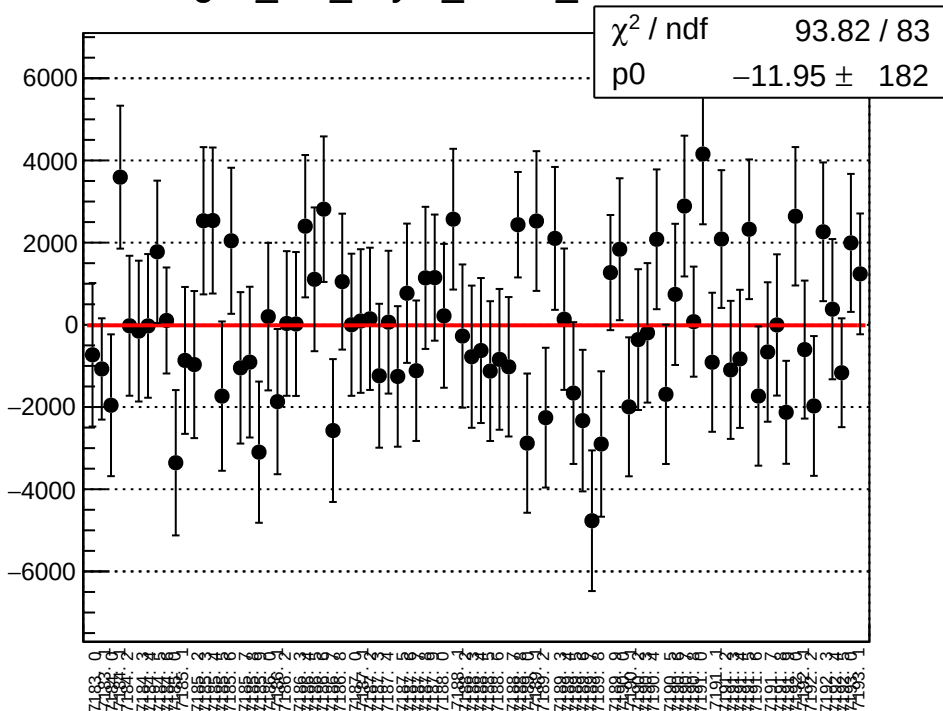
5133 / 83

p0

892.4 ± 0.7026



eigen_cor_asym_sam5_mean vs run



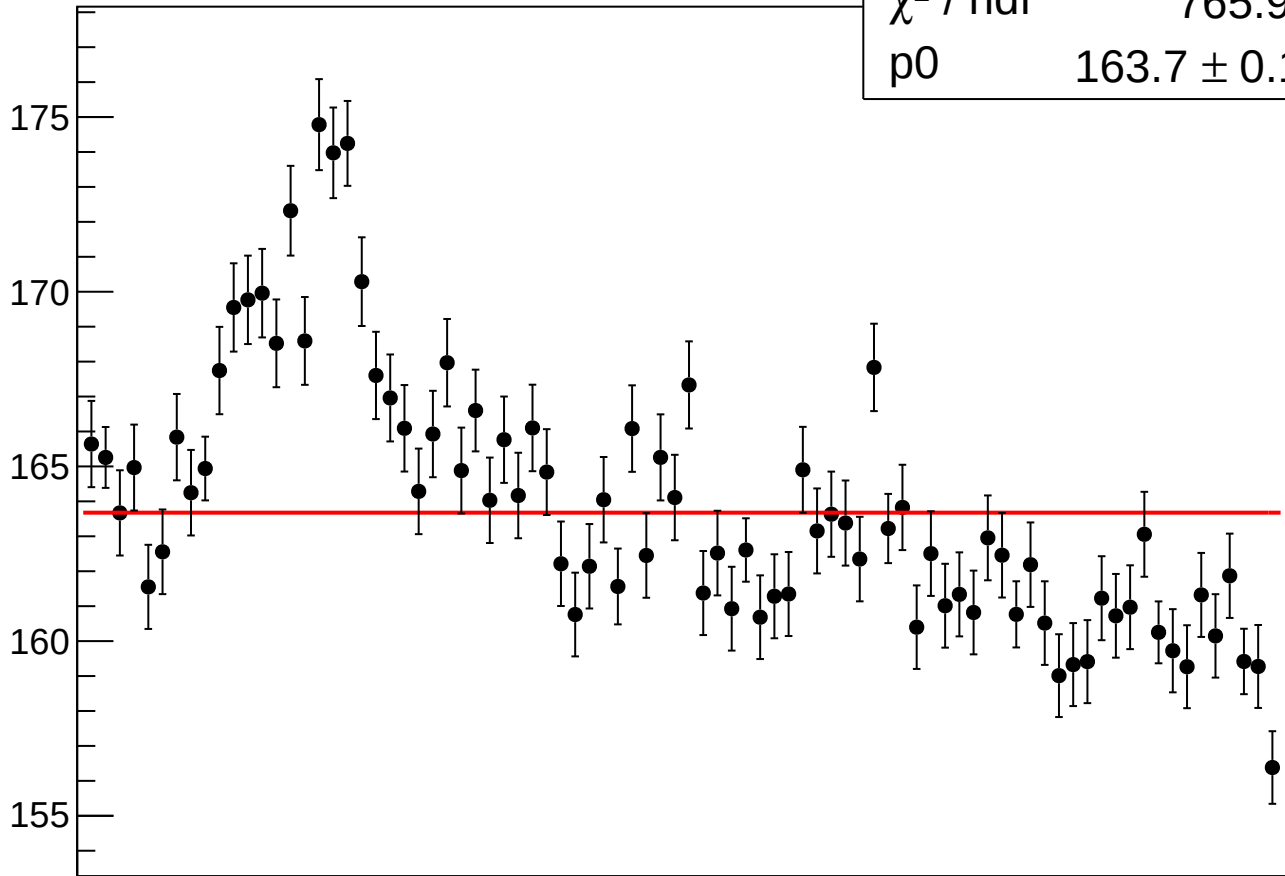
eigen_cor_asym_sam5_rms vs run

χ^2 / ndf

765.9 / 83

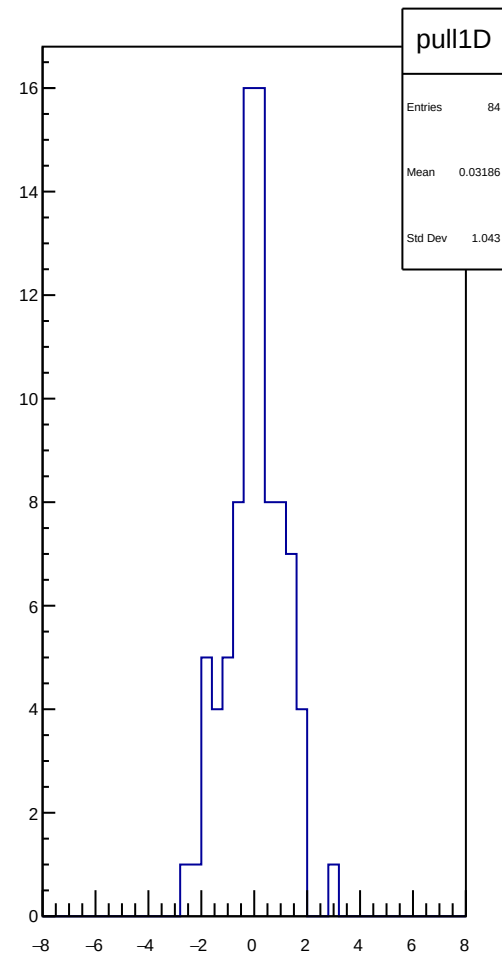
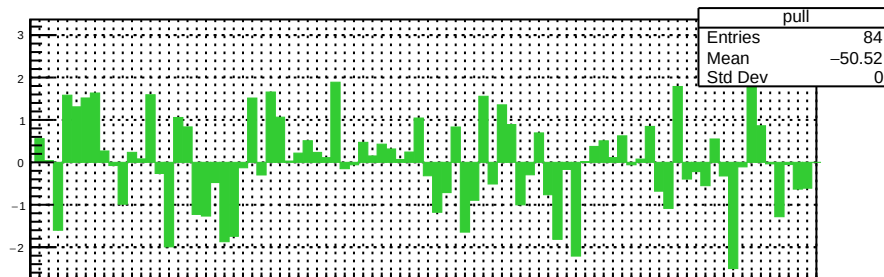
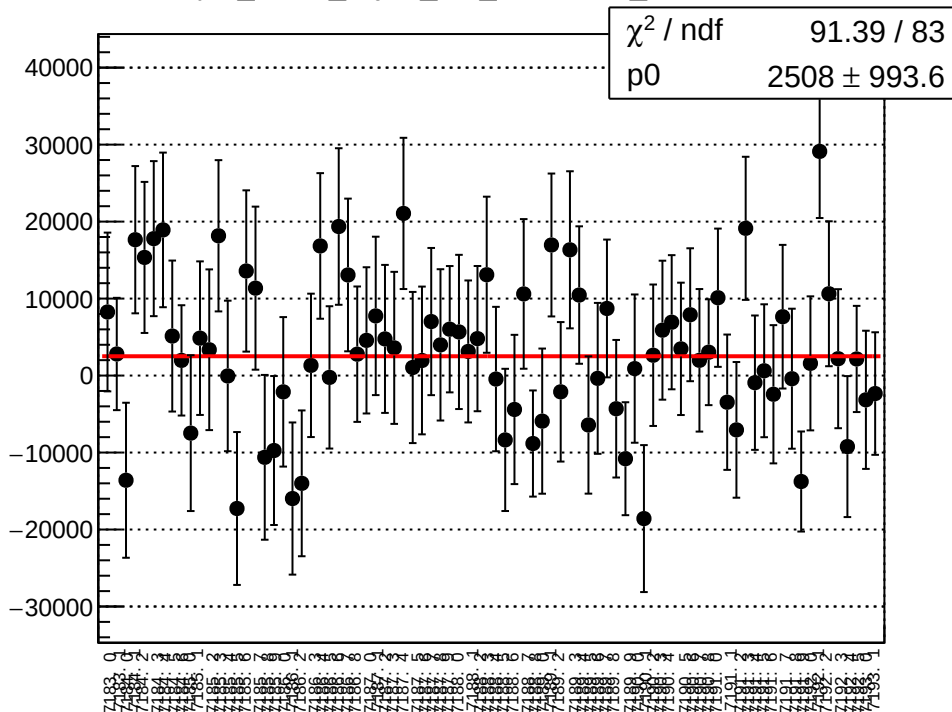
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163.7 ± 0.1287

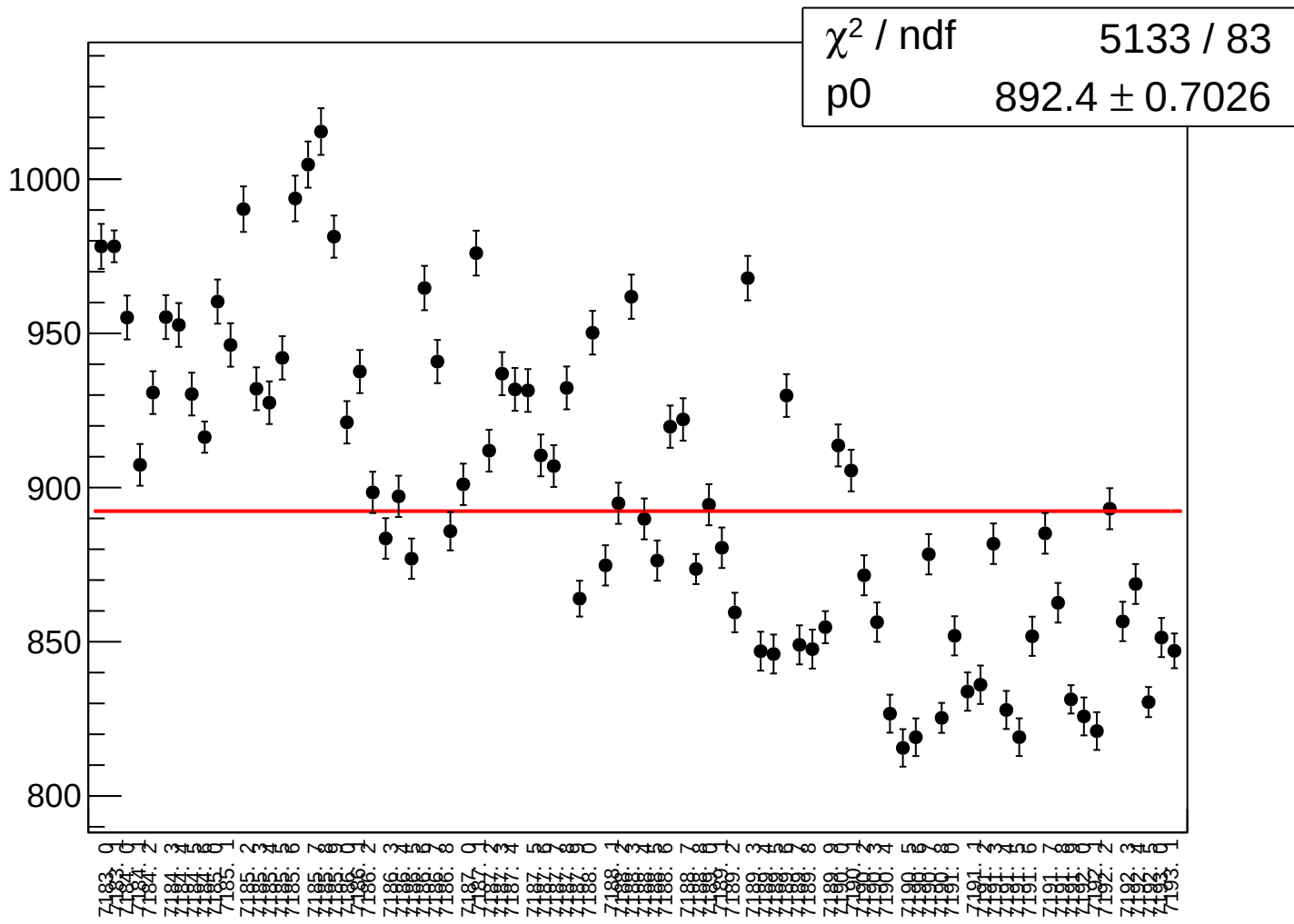


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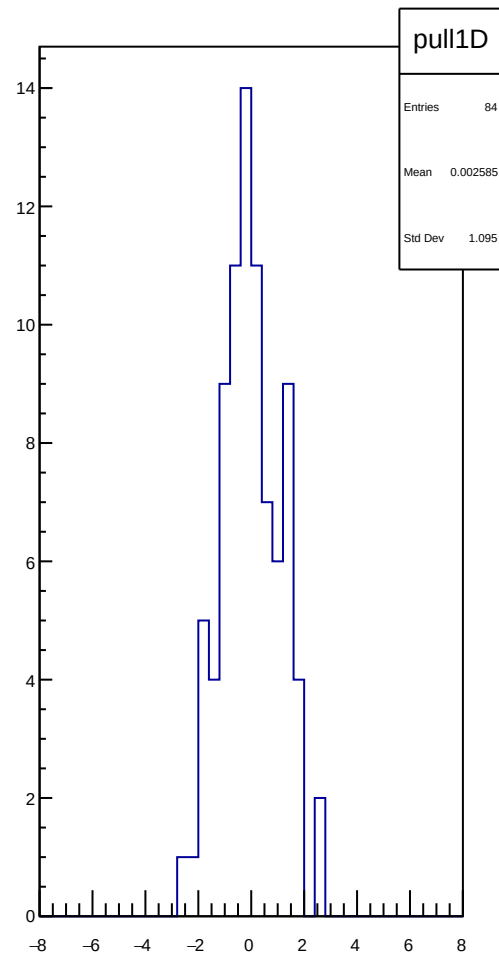
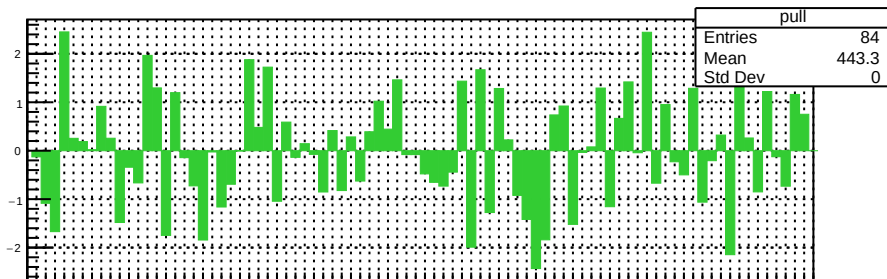
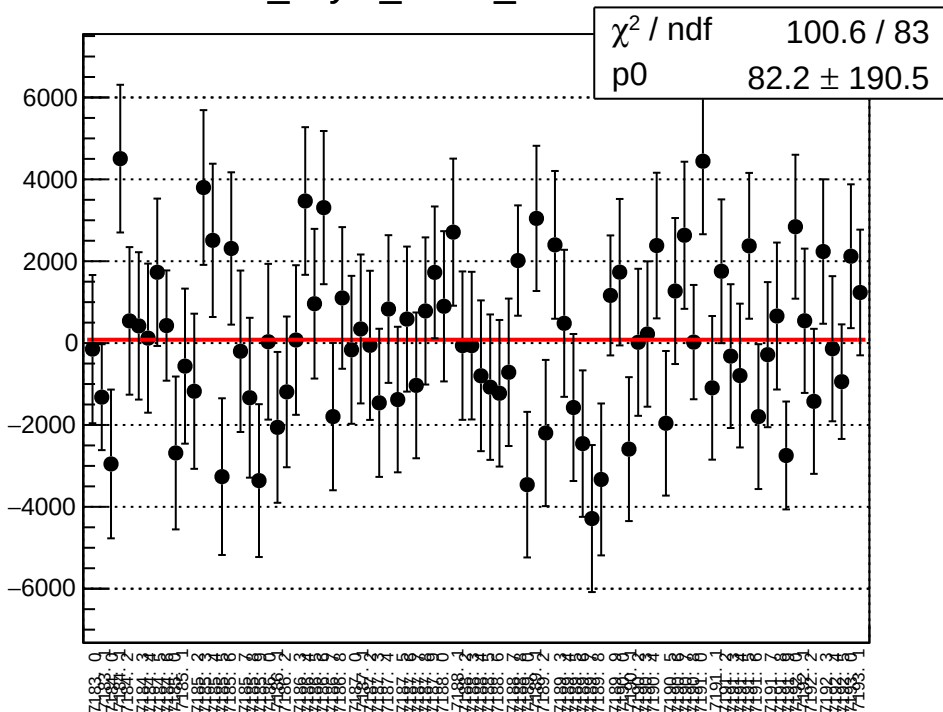
asym_sam5_eigen_cor_correction_mean vs run



asym_sam5_eigen_cor_correction_rms vs run



dit_asym_sam5_mean vs run



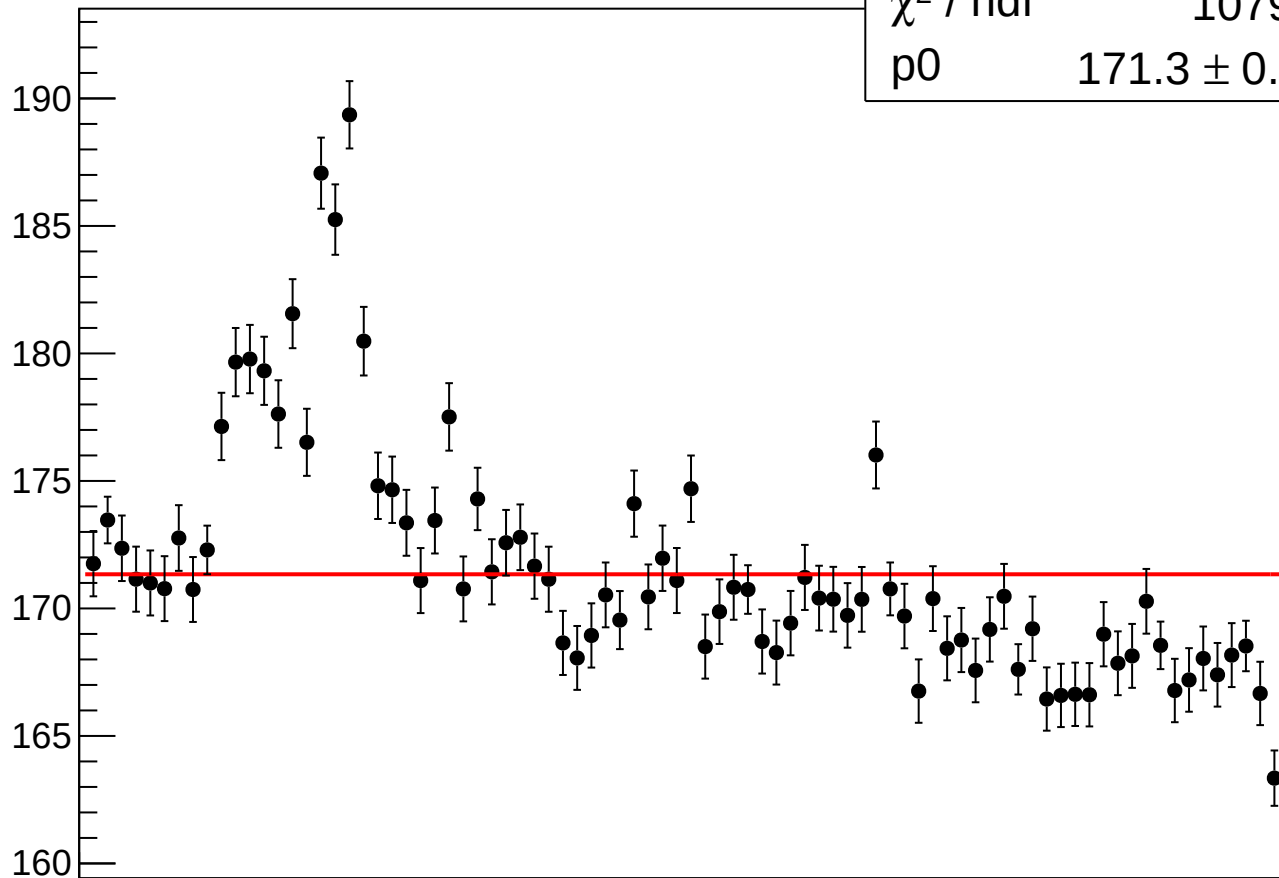
dit_asym_sam5_rms vs run

χ^2 / ndf

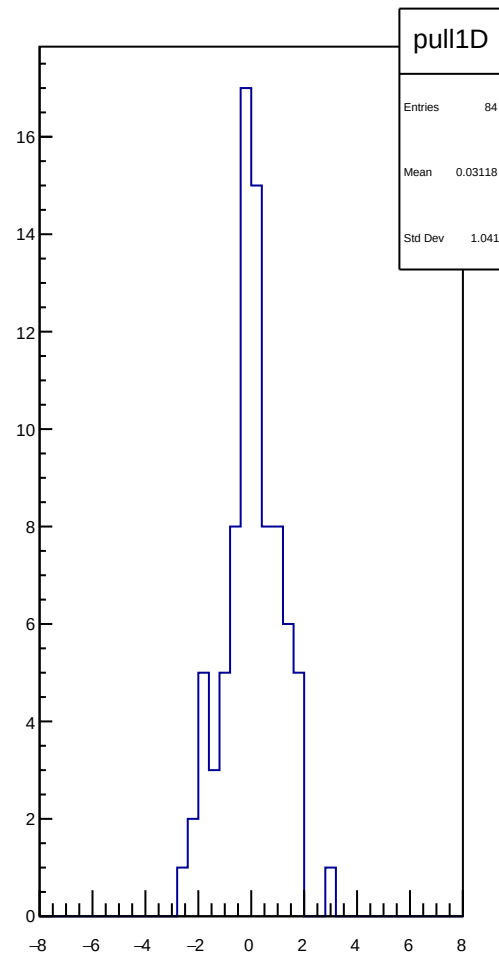
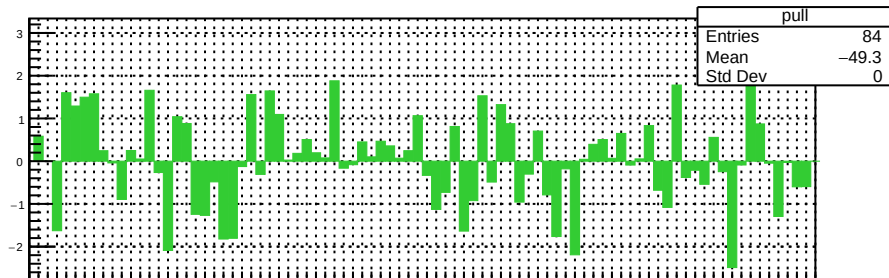
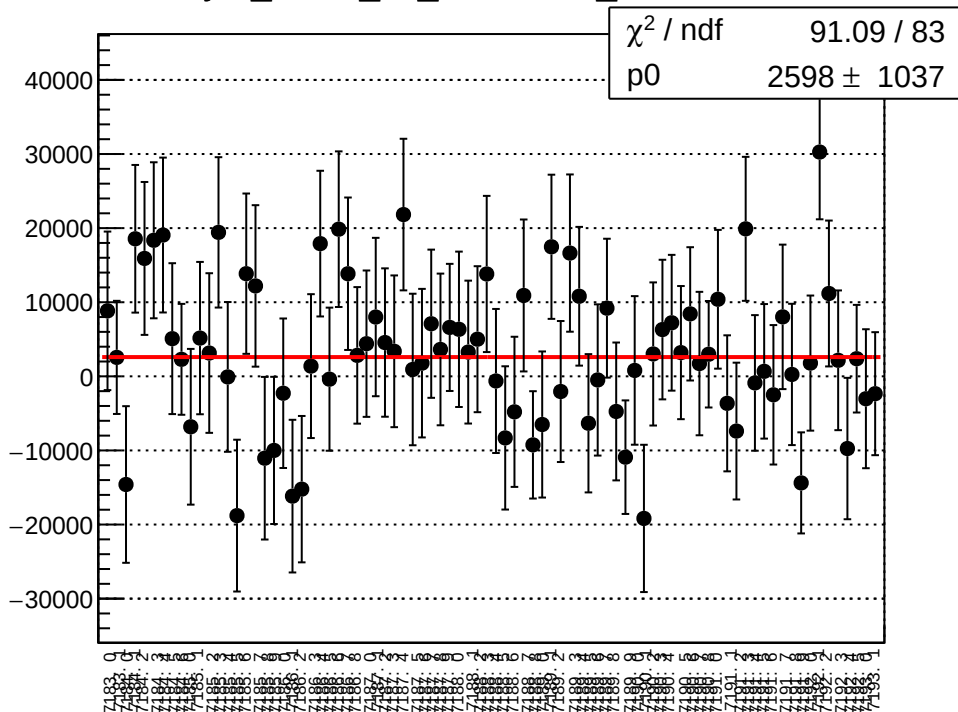
1079 / 83

p0

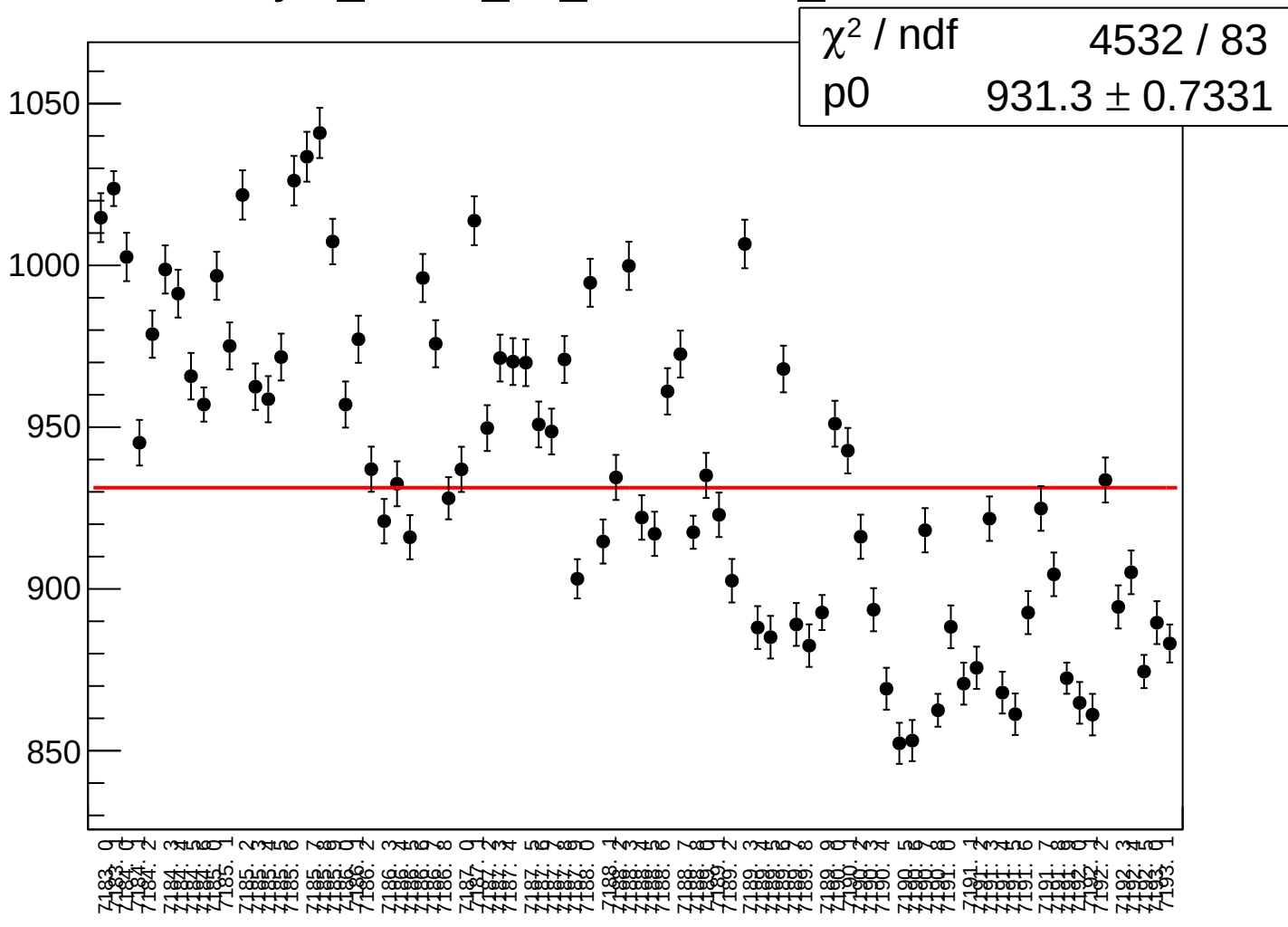
171.3 ± 0.1347



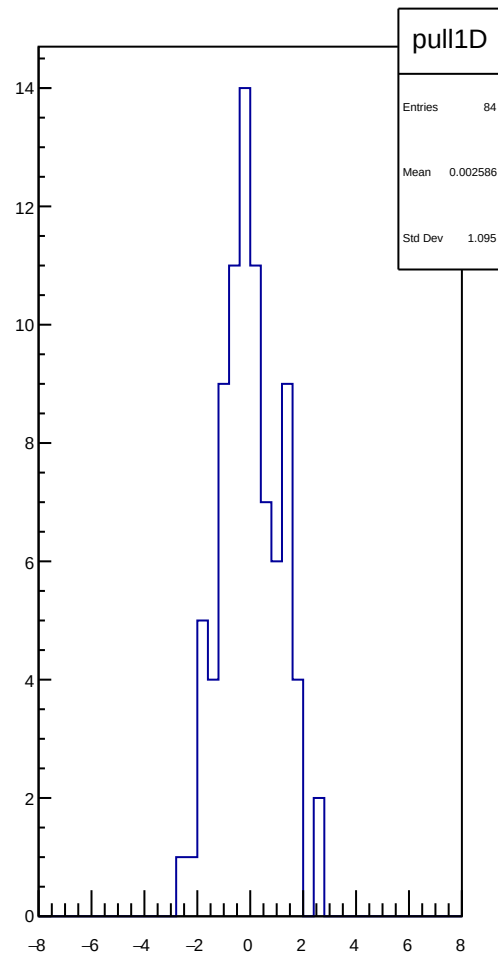
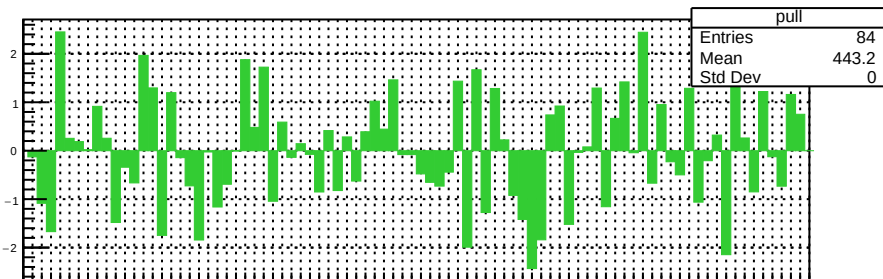
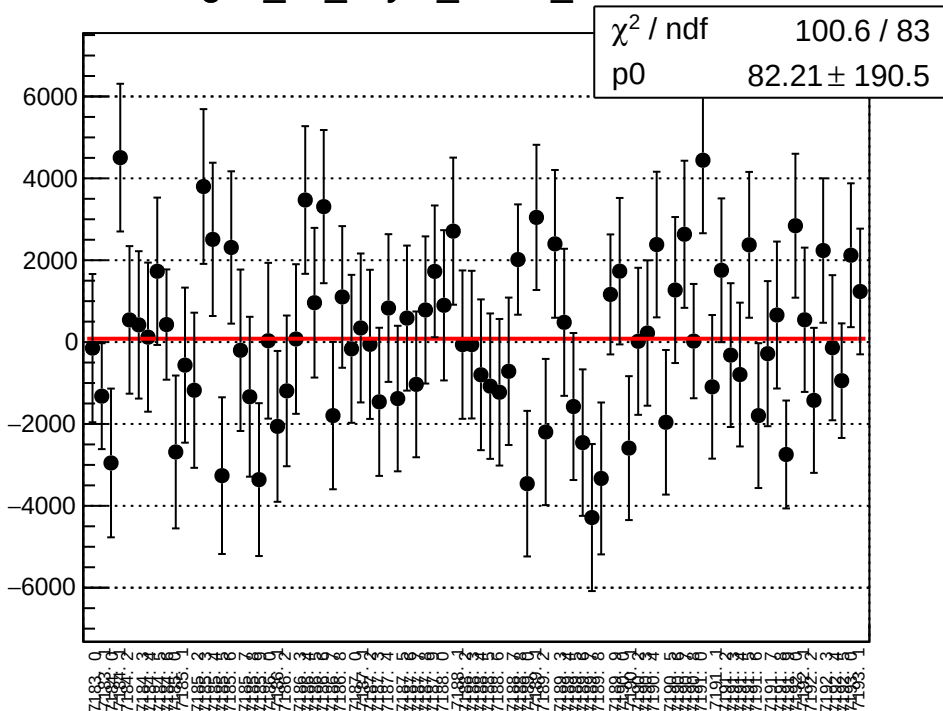
asym_sam5_dit_correction_mean vs run



asym_sam5_dit_correction_rms vs run



eigen_dit_asym_sam5_mean vs run



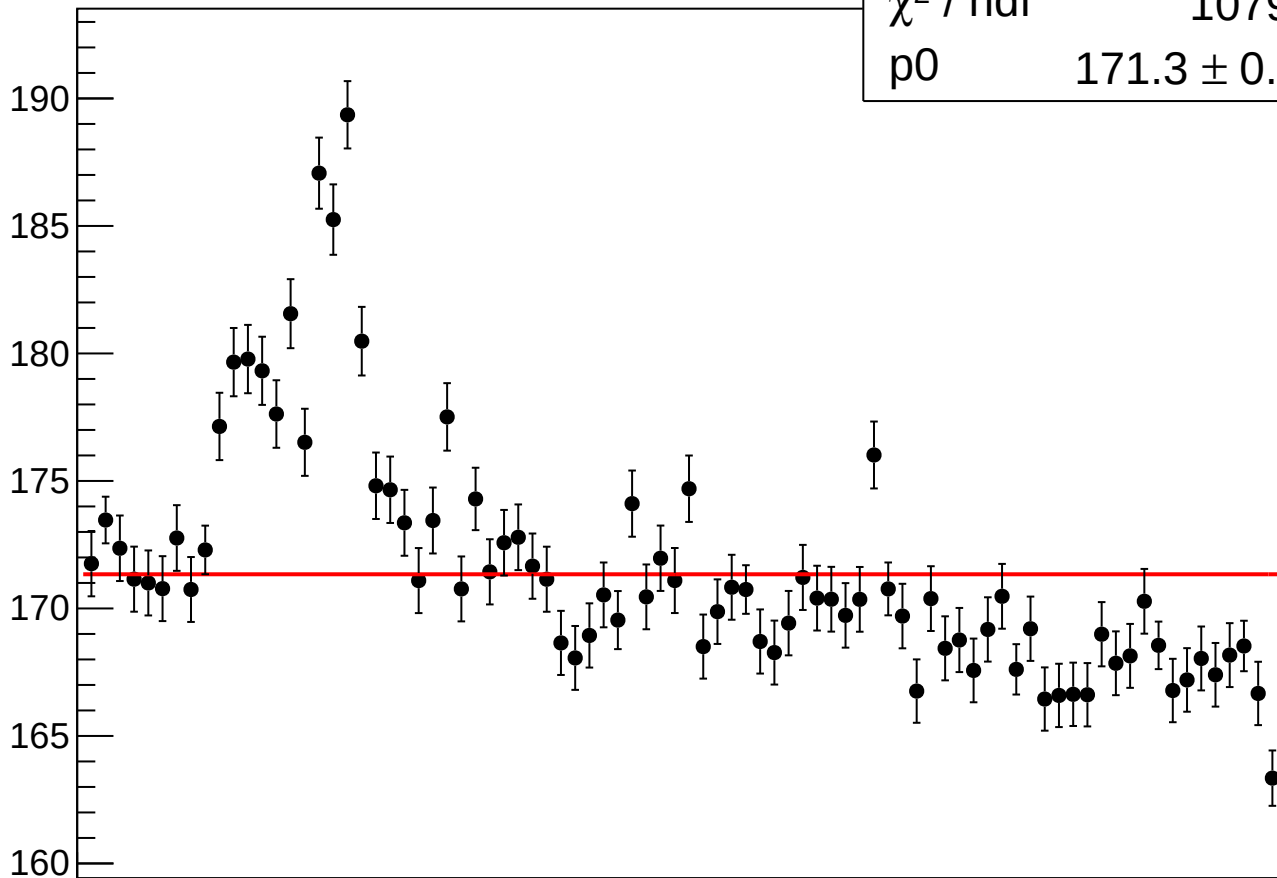
eigen_dit_asym_sam5_rms vs run

χ^2 / ndf

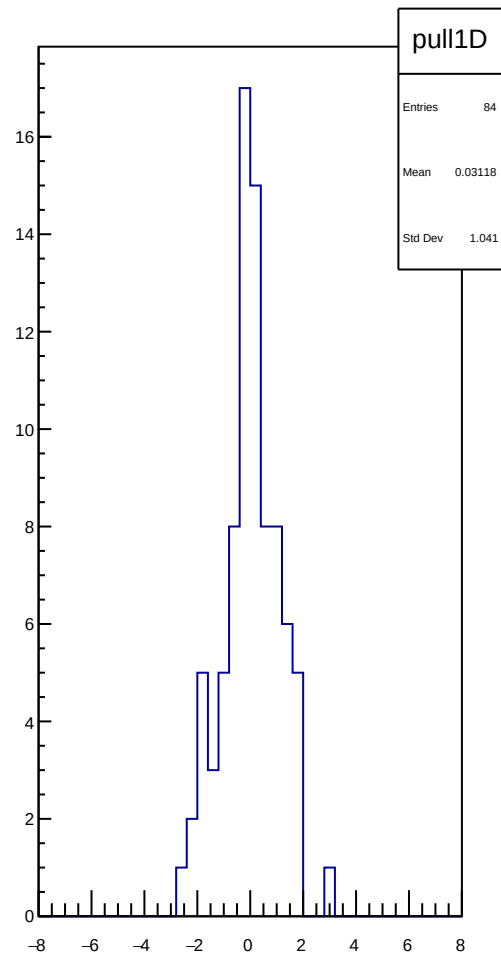
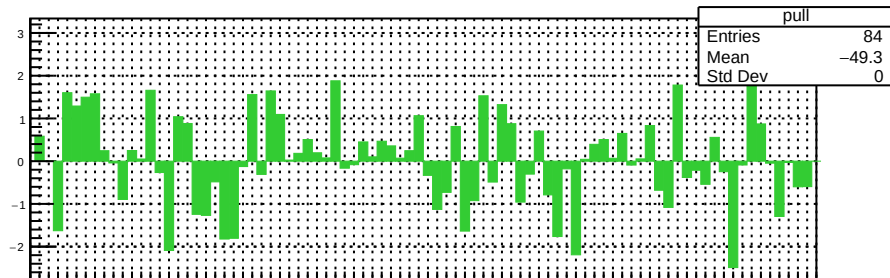
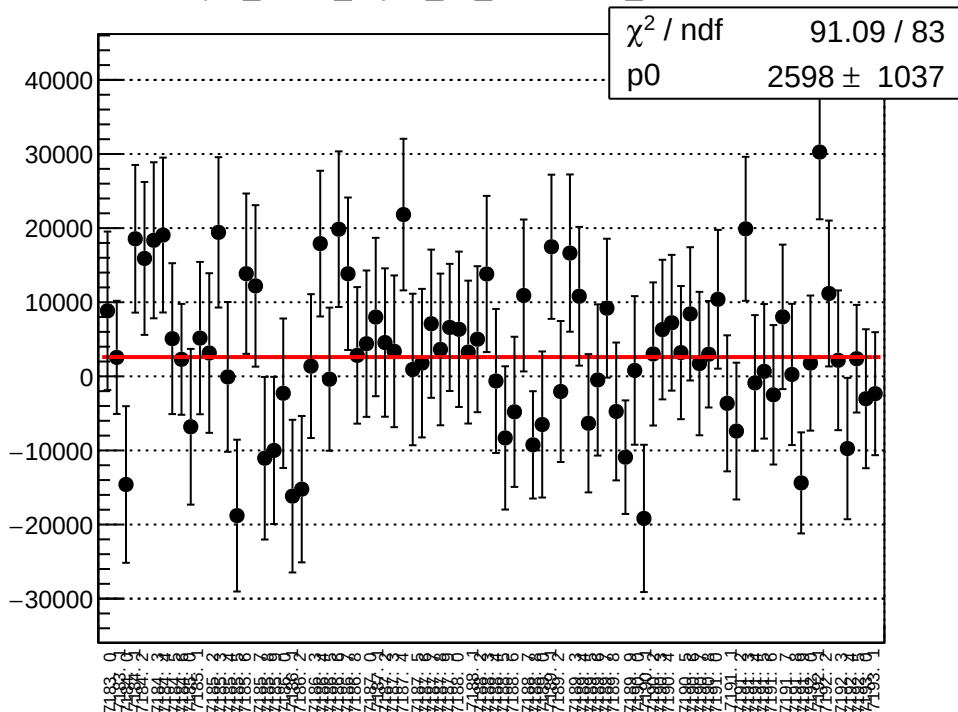
1079 / 83

p0

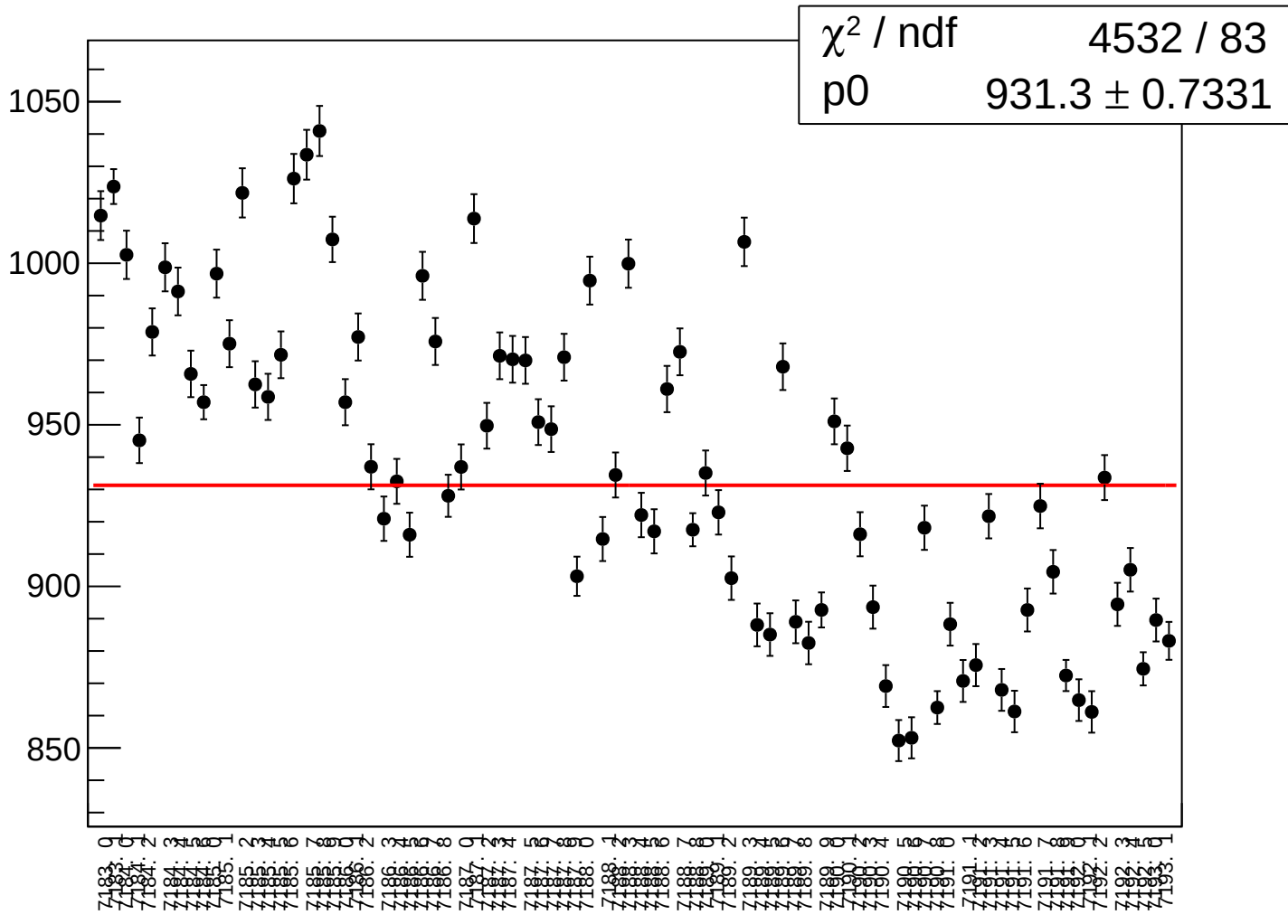
171.3 ± 0.1347



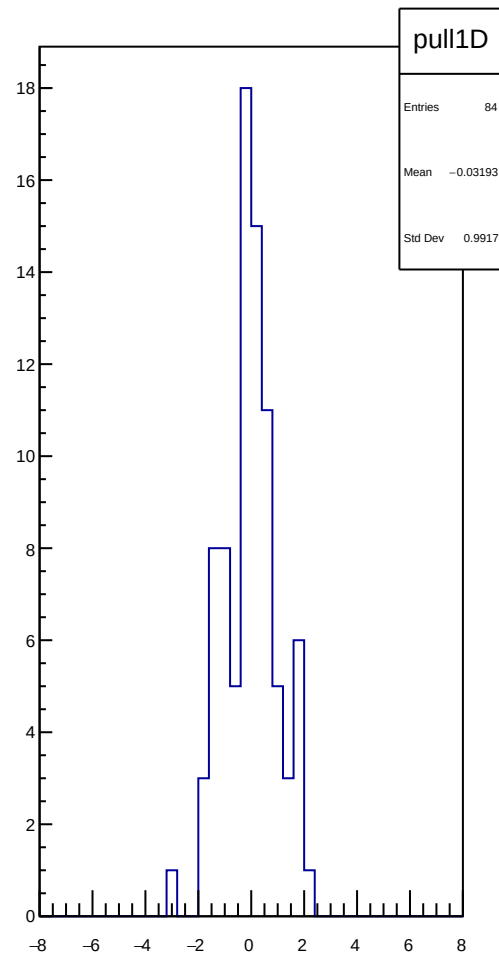
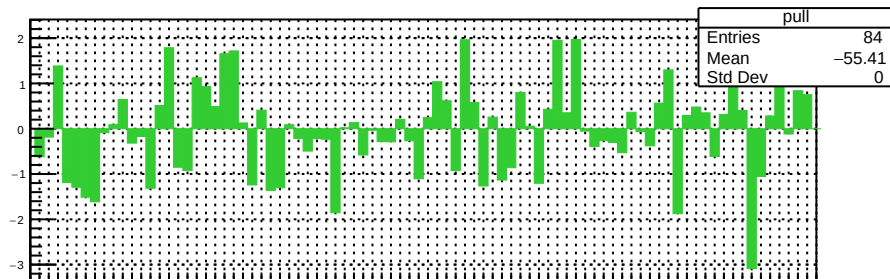
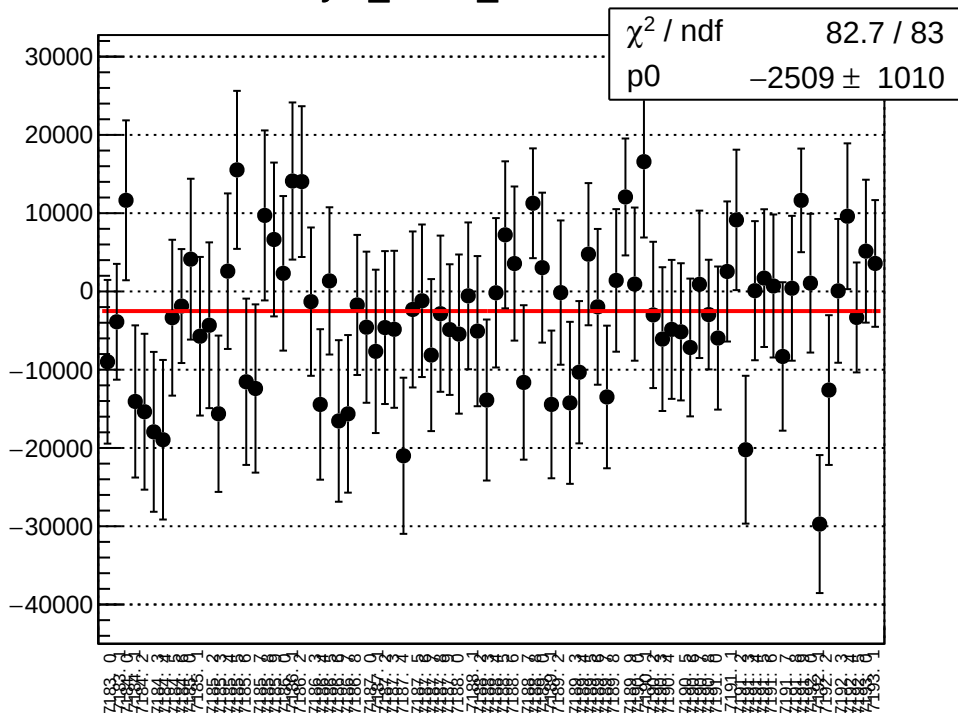
asym_sam5_eigen_dit_correction_mean vs run



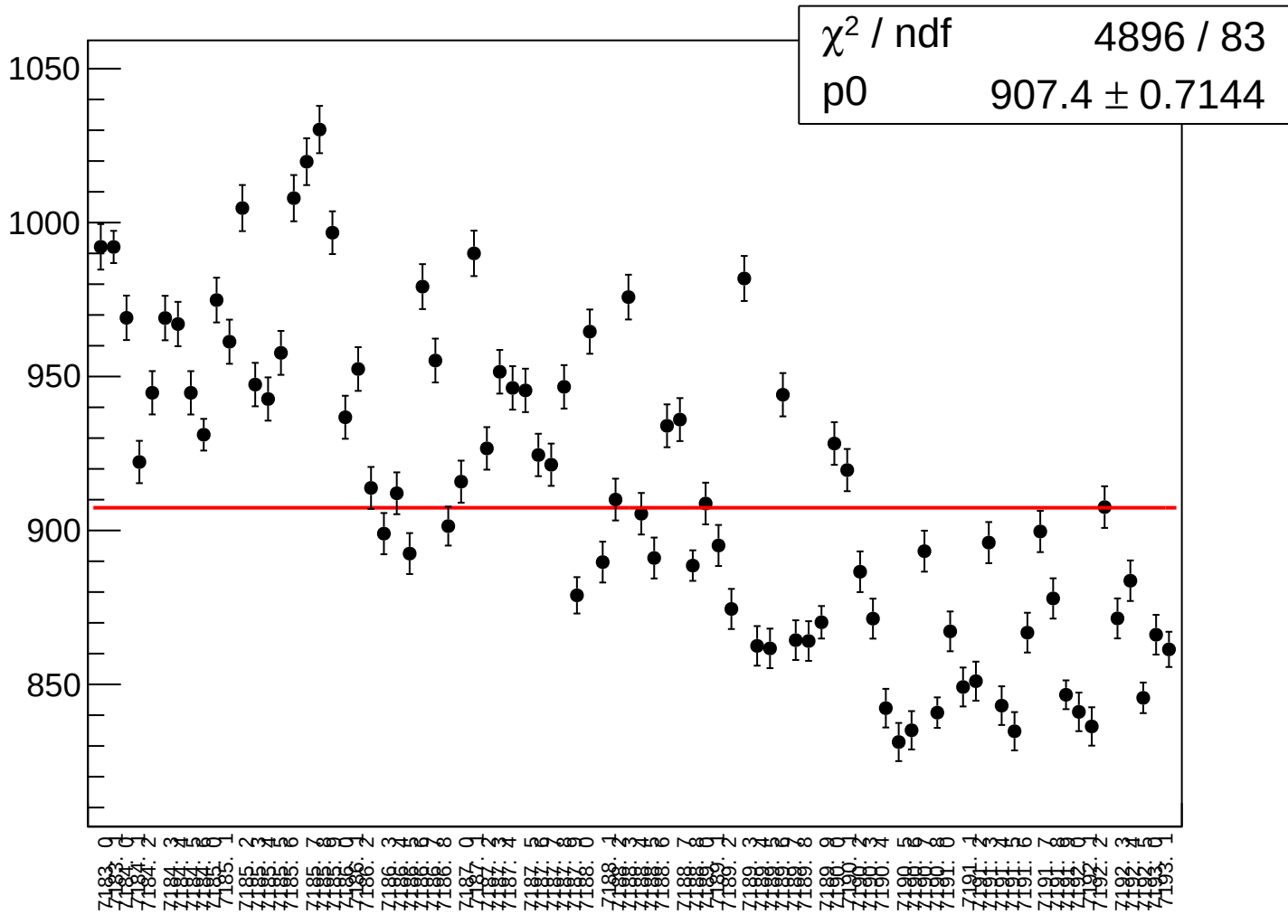
asym_sam5_eigen_dit_correction_rms vs run



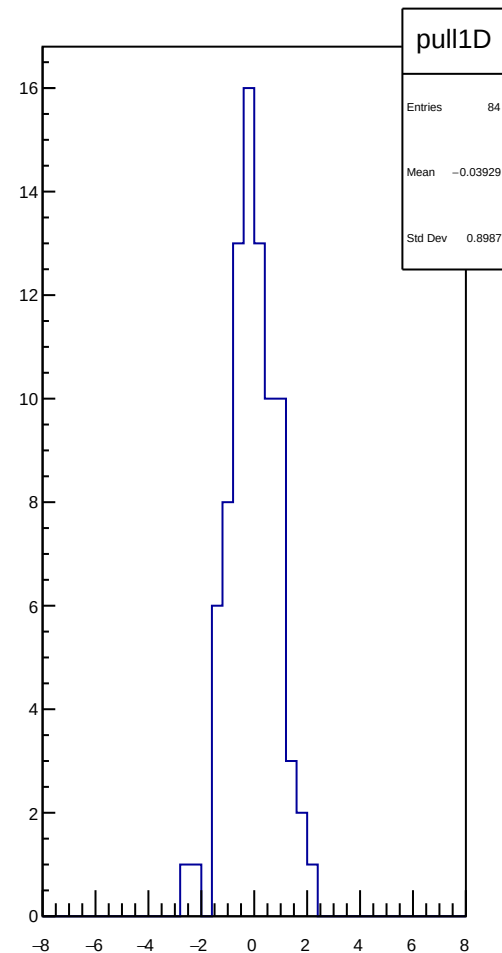
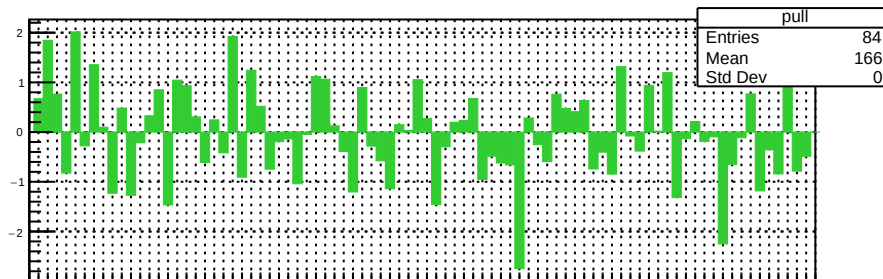
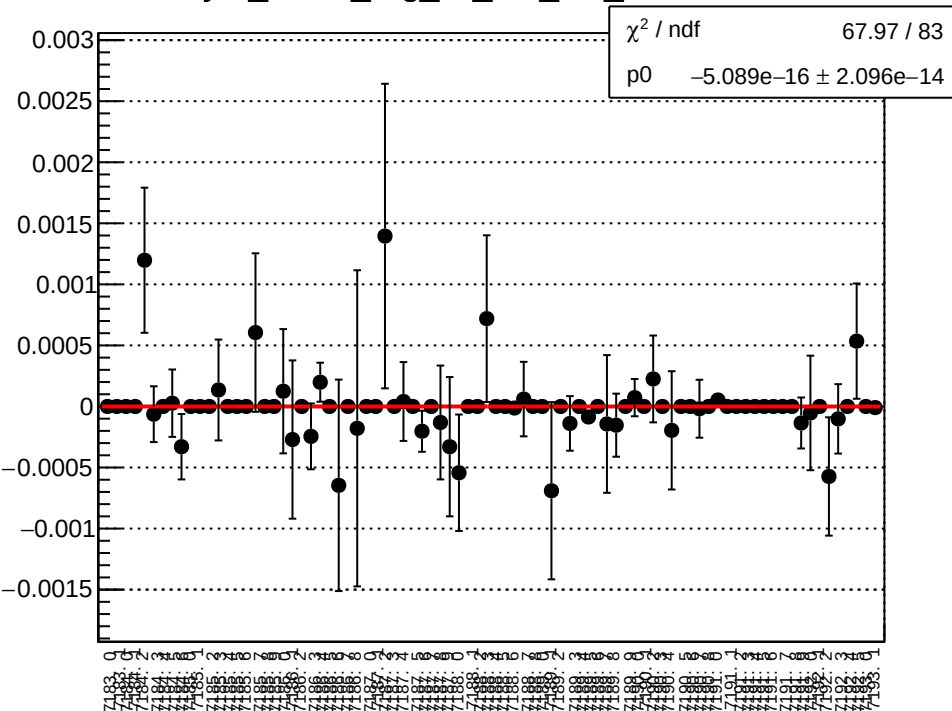
asym_sam5_mean vs run



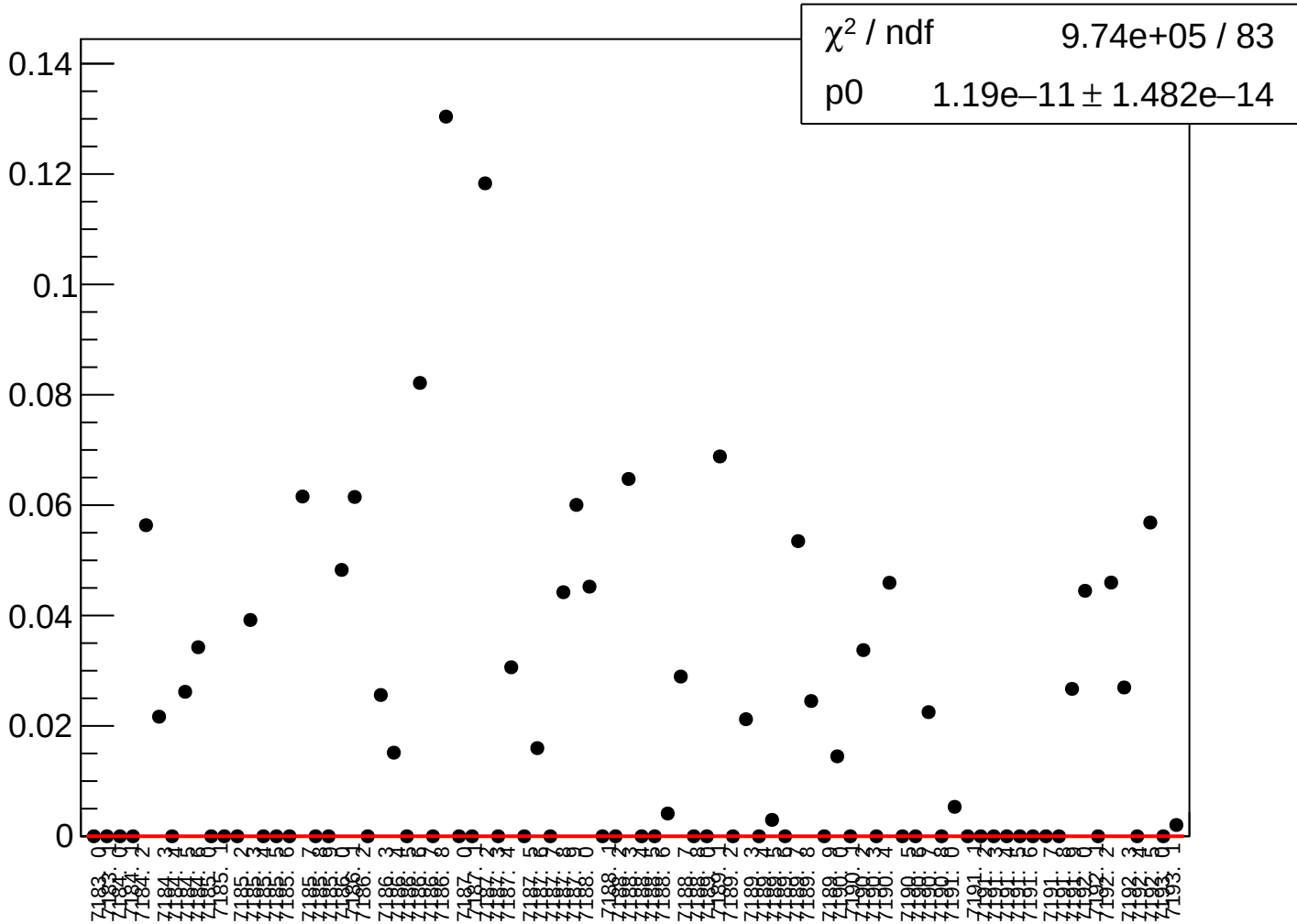
asym_sam5_rms vs run



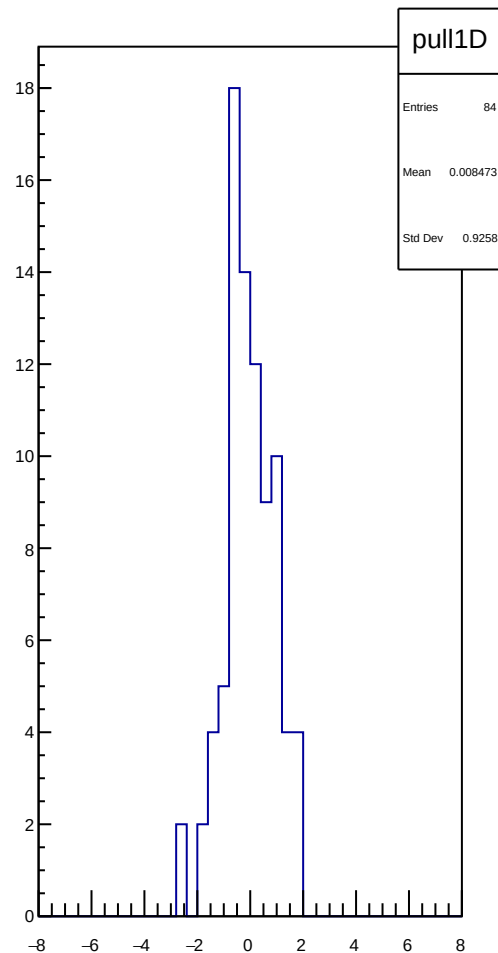
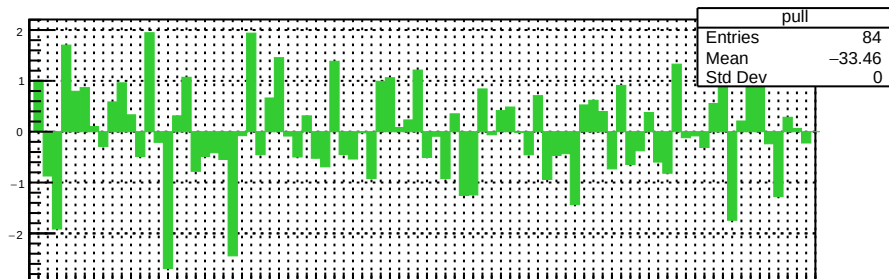
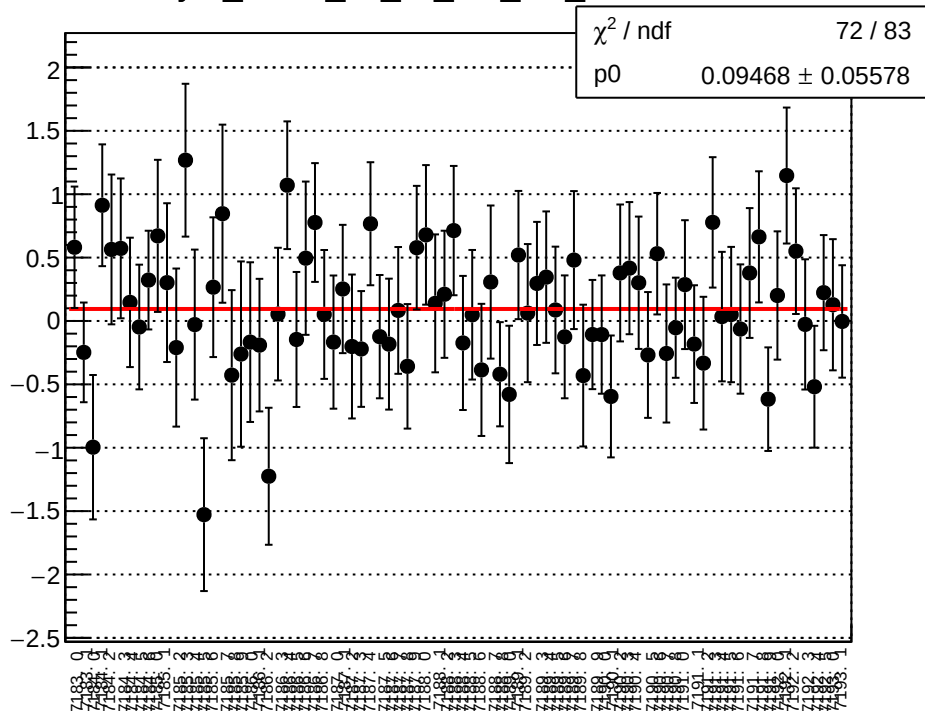
asym_sam5_reg_vs_cor_diff_mean vs run



asym_sam5_reg_vs_cor_diff_rms vs run

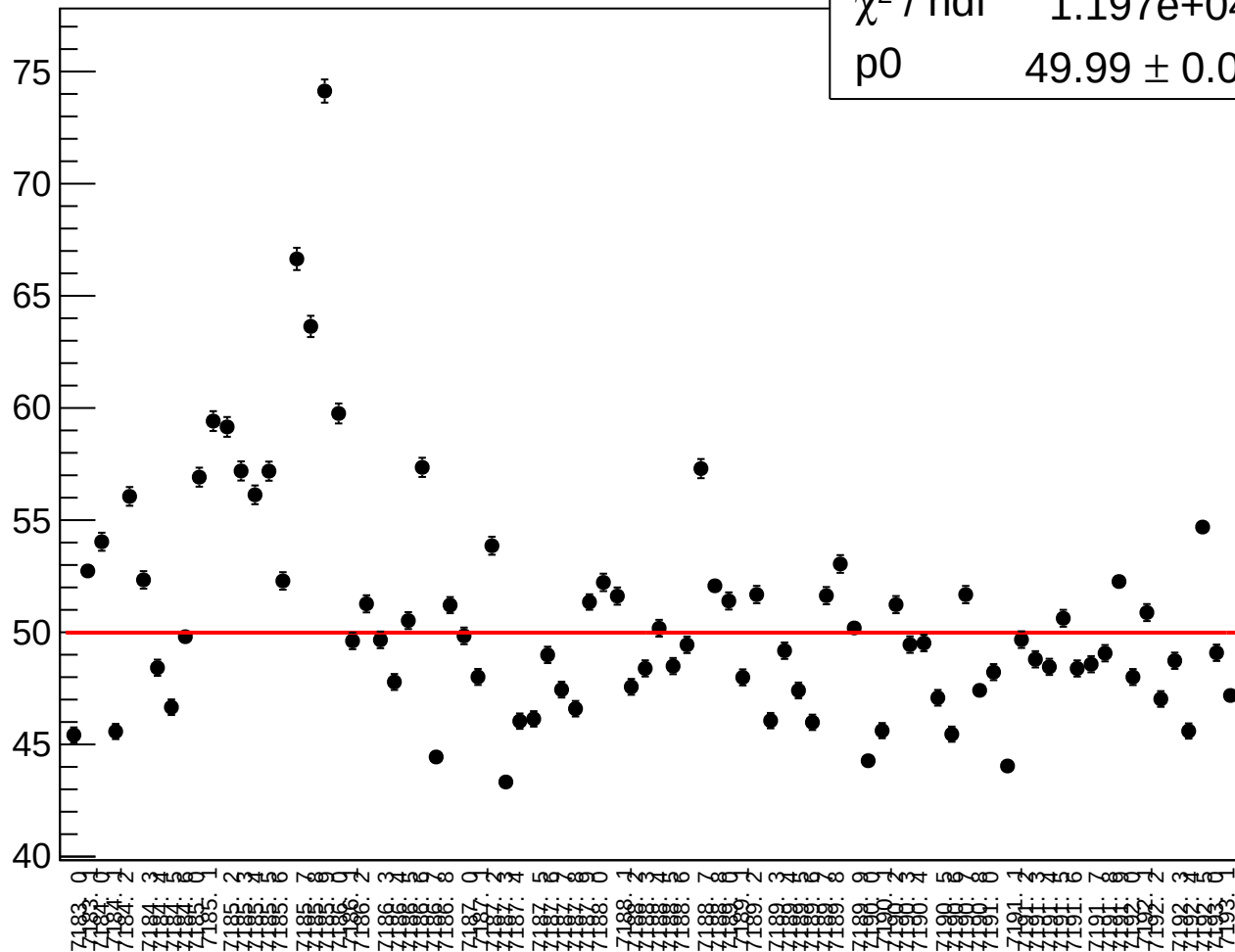


asym_sam5_dit_vs_cor_diff_mean vs run

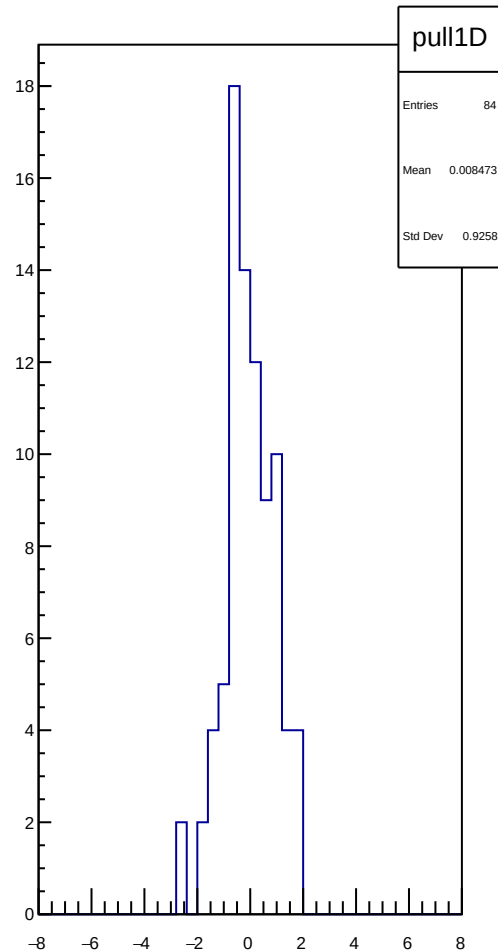
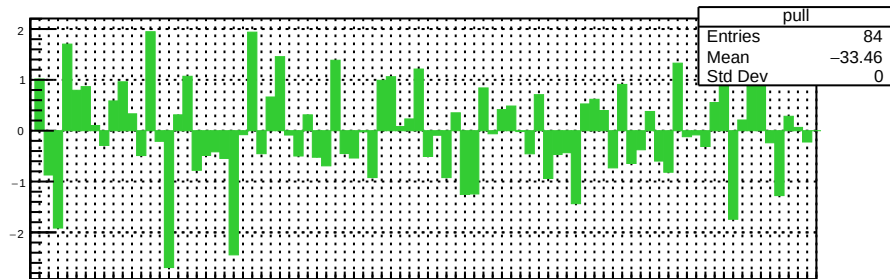
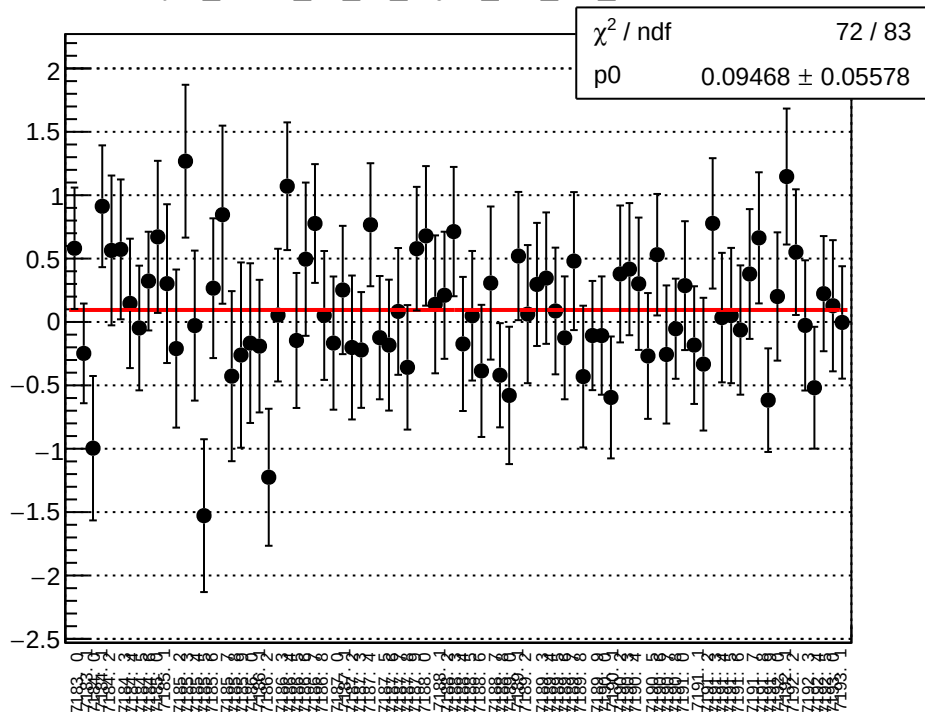


asym_sam5_dit_vs_cor_diff_rms vs run

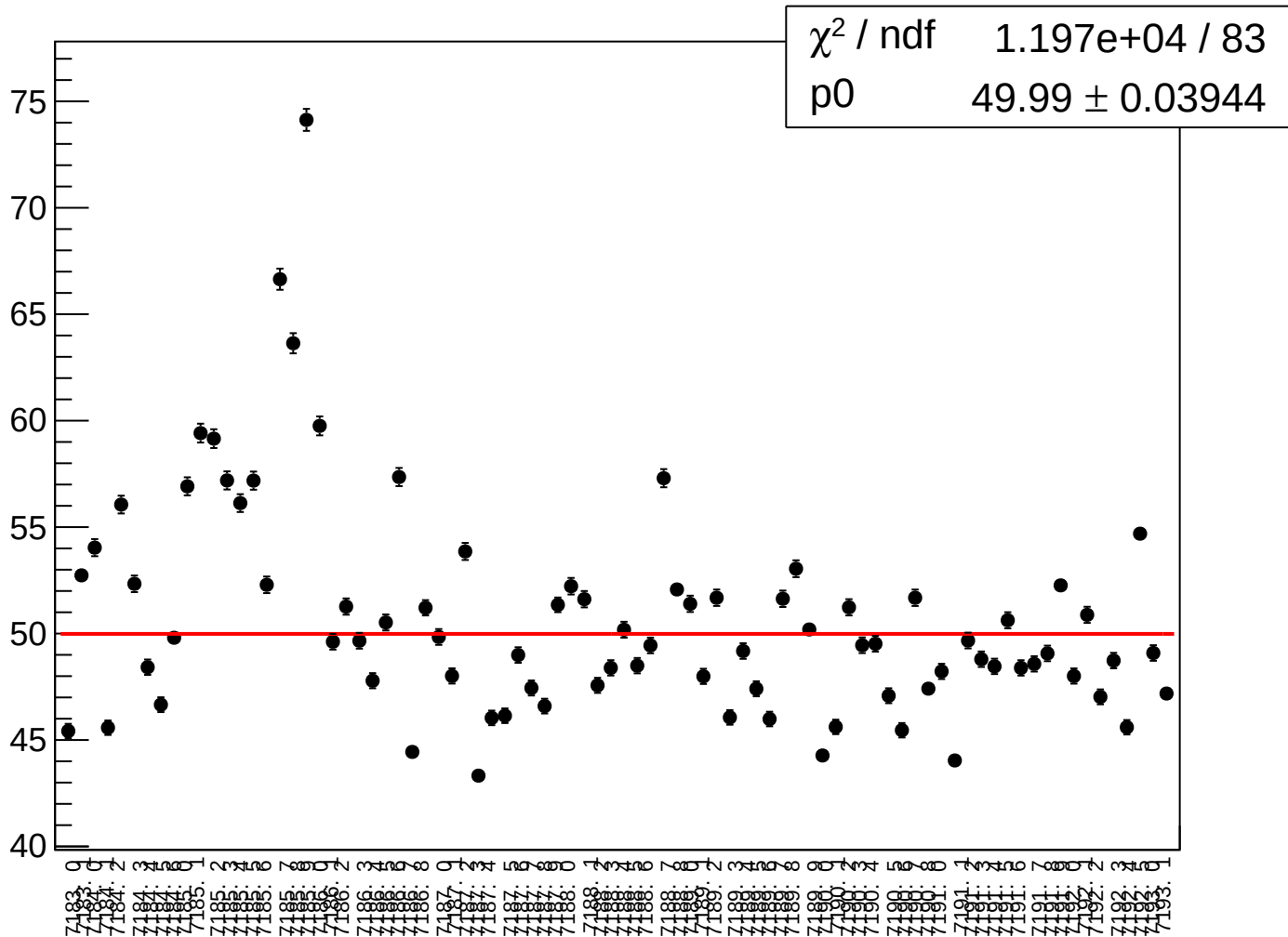
χ^2 / ndf 1.197e+04 / 83
p0 49.99 $\pm$ 0.03944



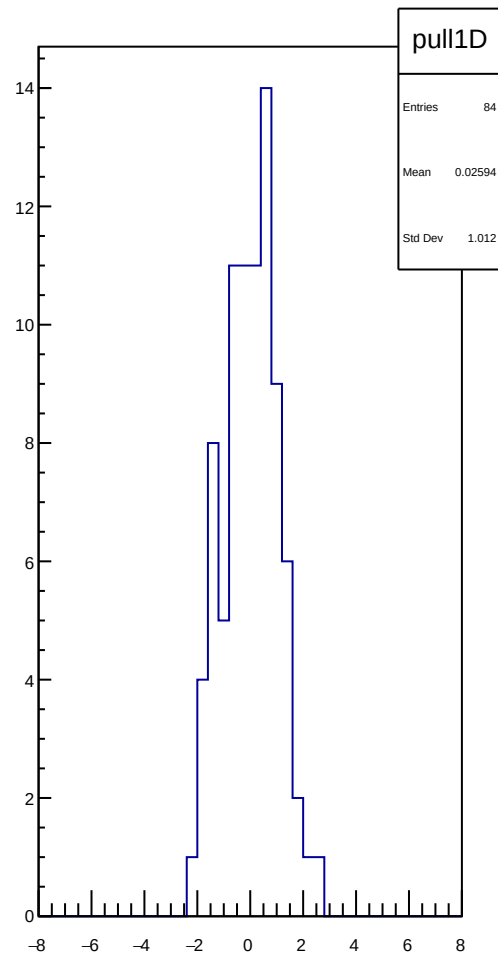
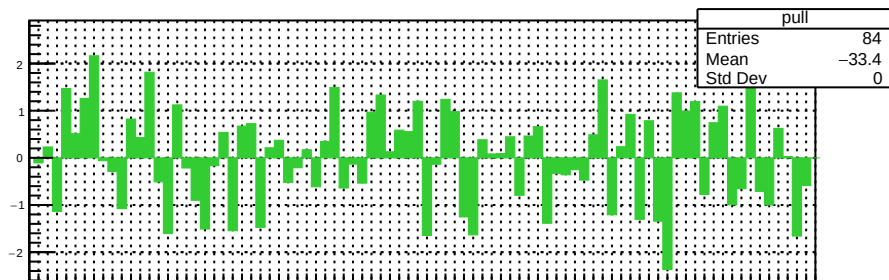
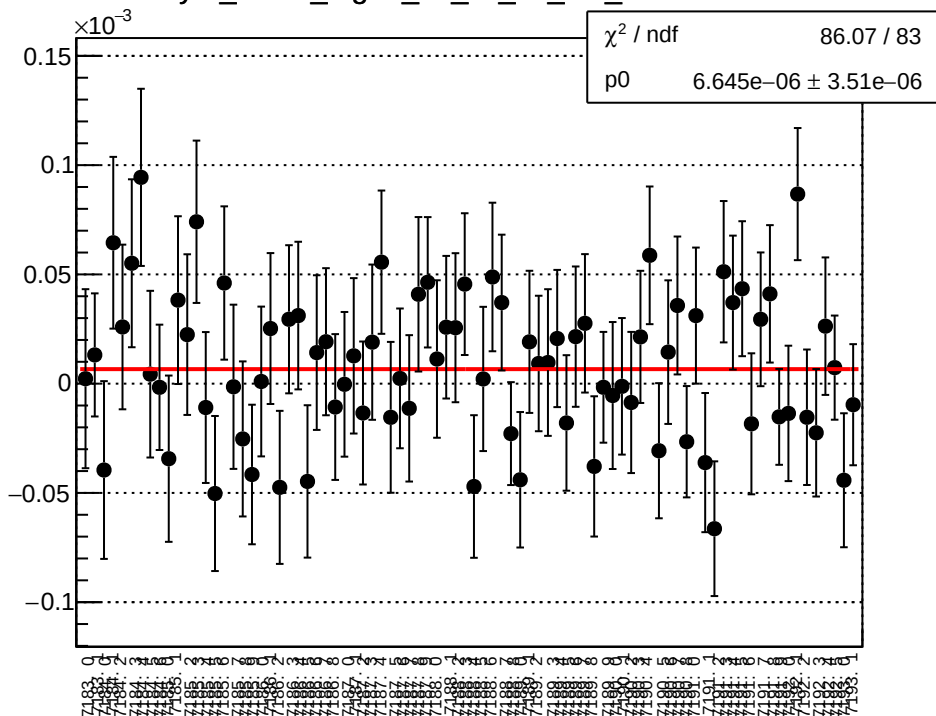
asym_sam5_dit_vs_eigen_cor_diff_mean vs run



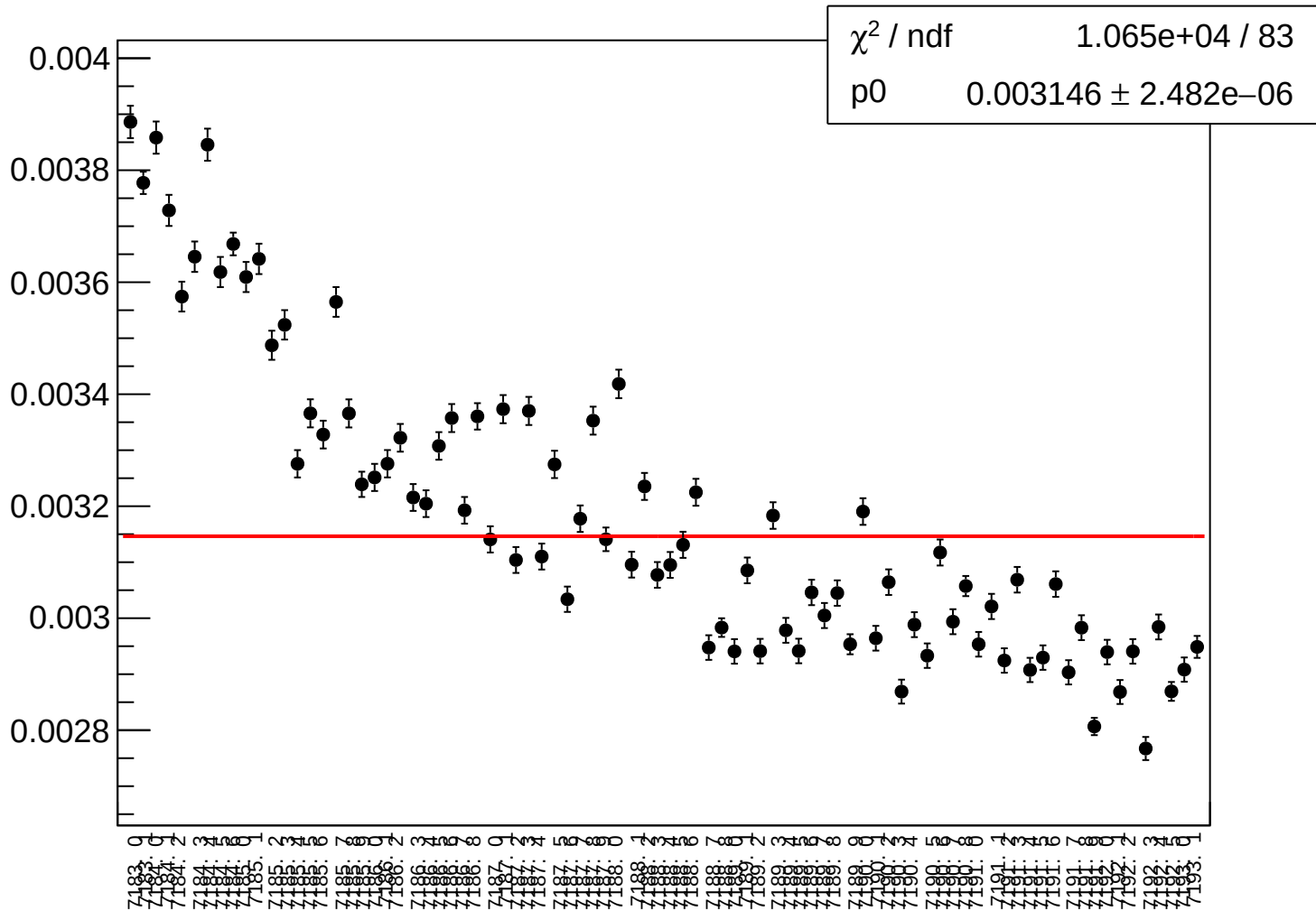
asym_sam5_dit_vs_eigen_cor_diff_rms vs run



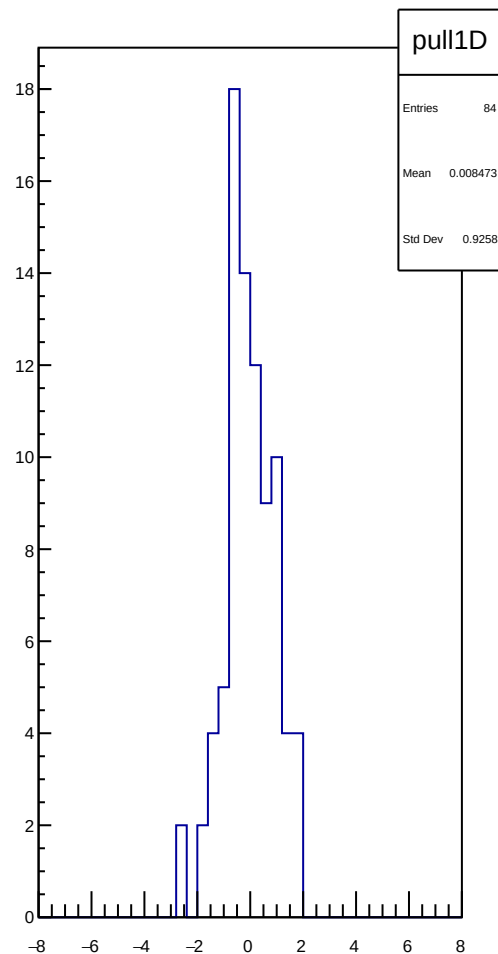
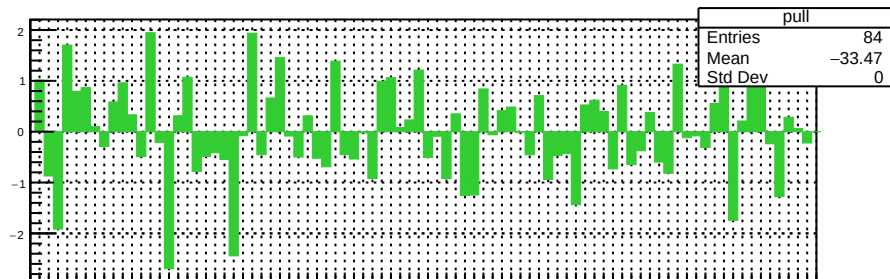
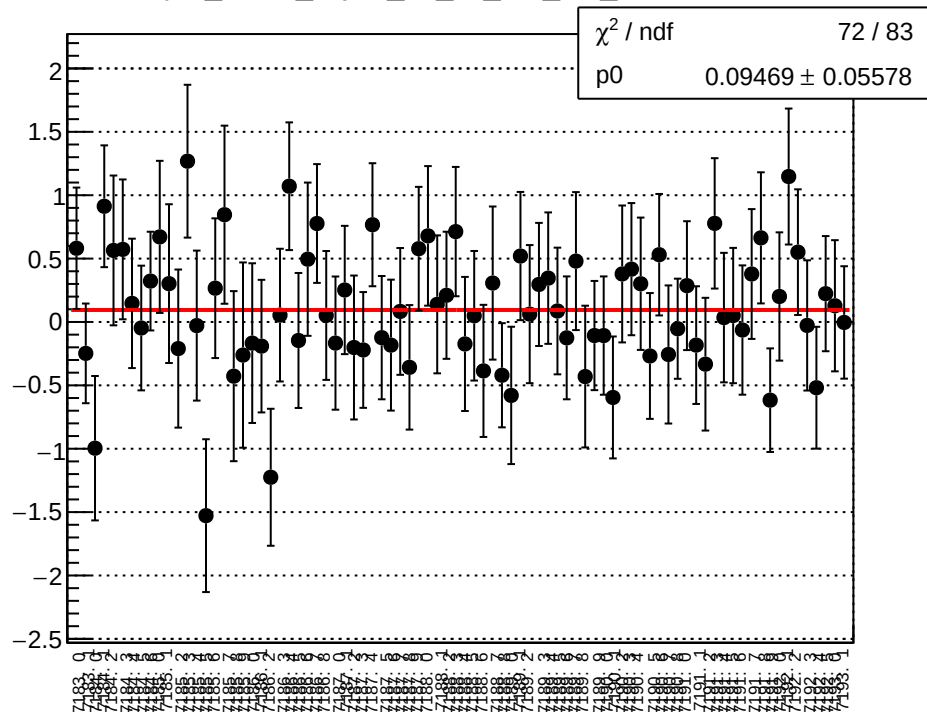
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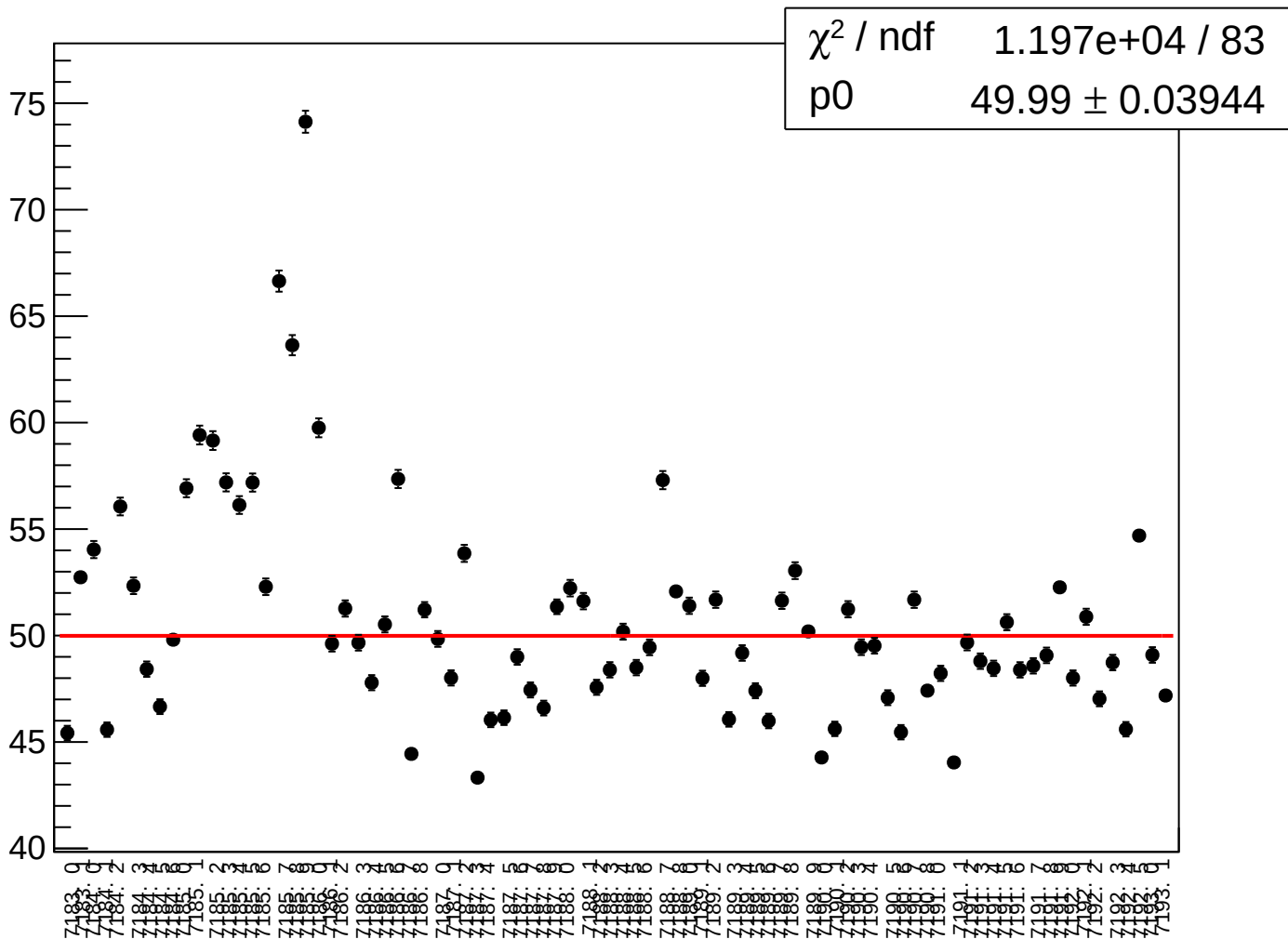
asym_sam5_eigen_dit_vs_dit_diff_rms vs run



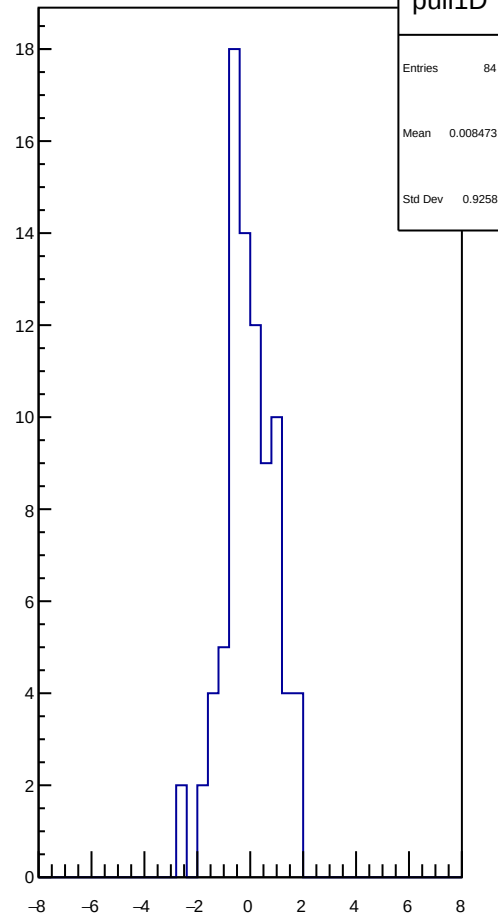
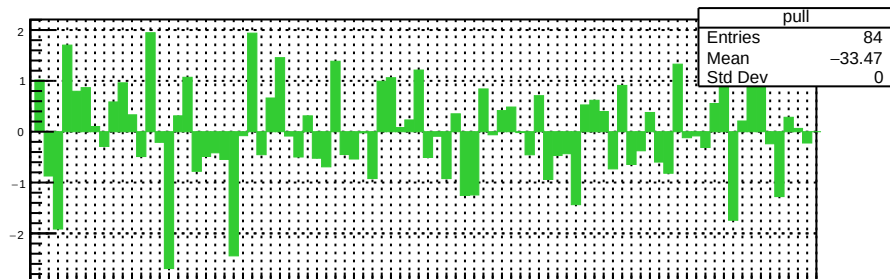
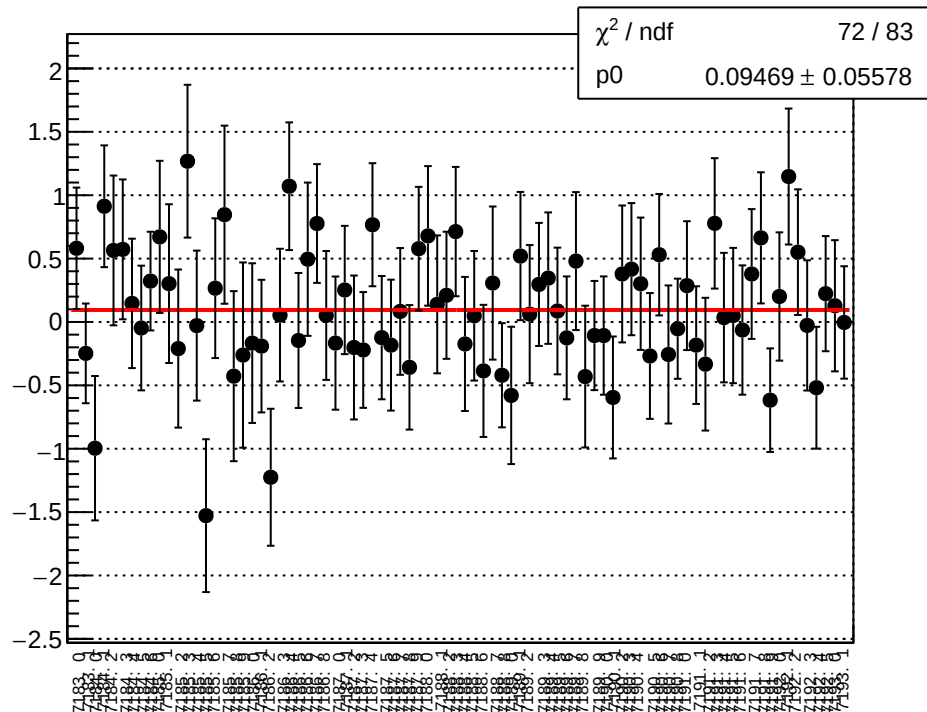
asym_sam5_eigen_dit_vs_cor_diff_mean vs run



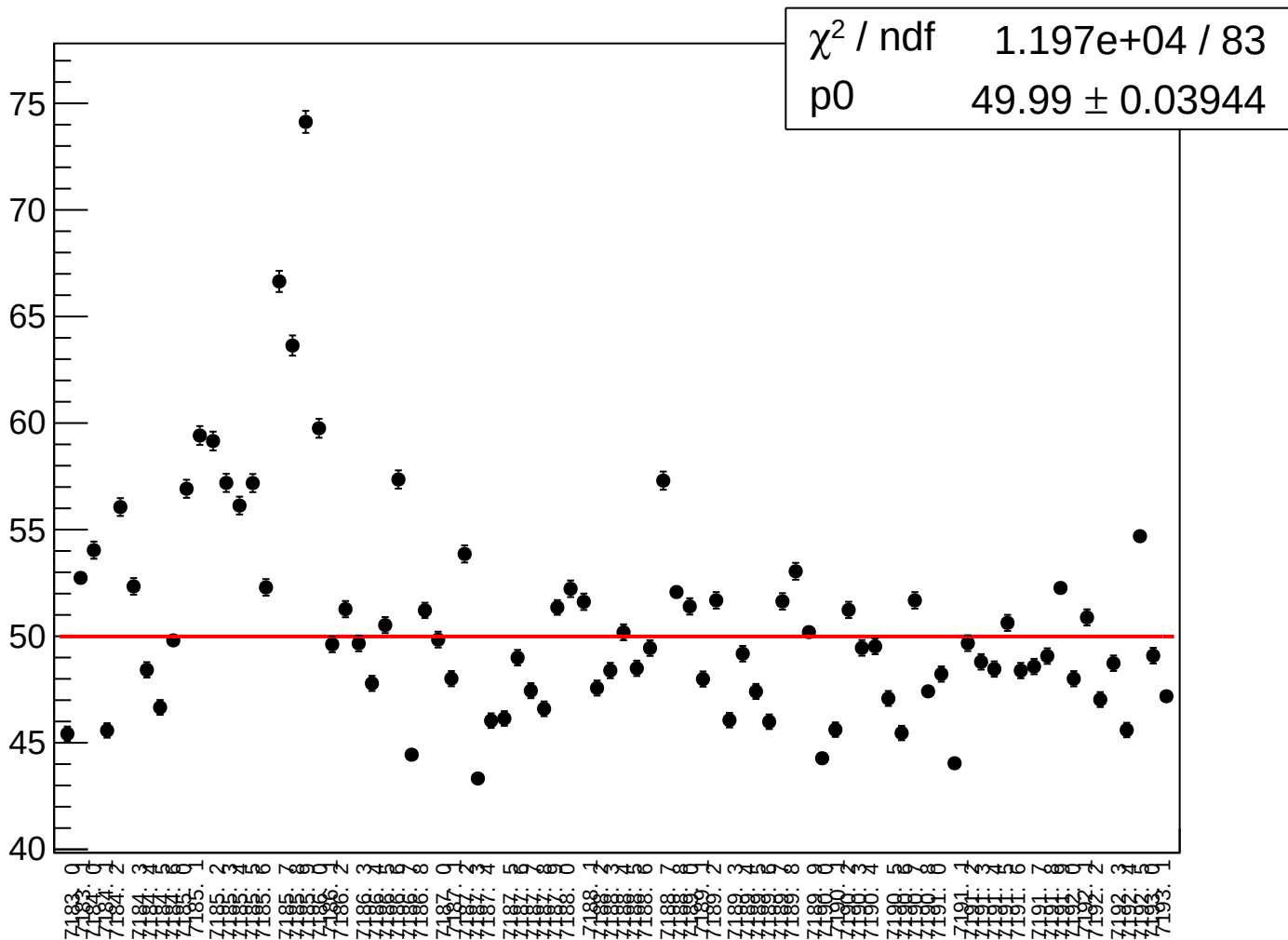
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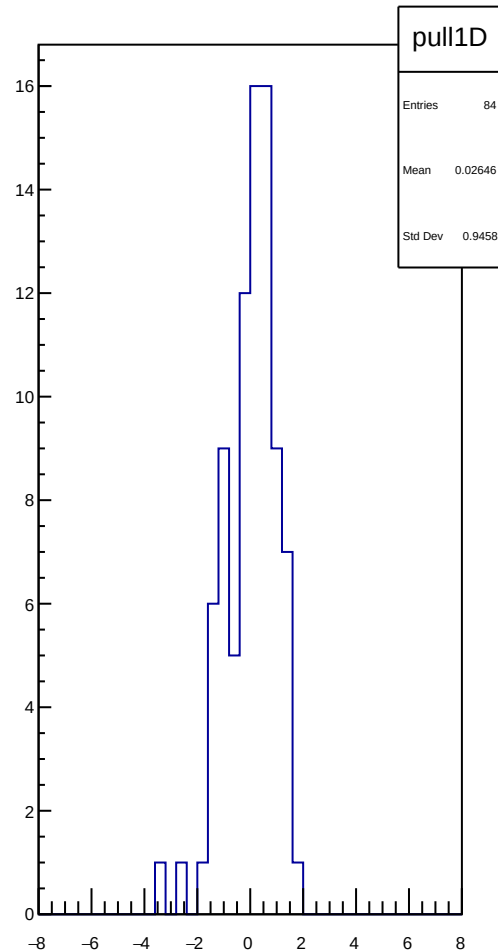
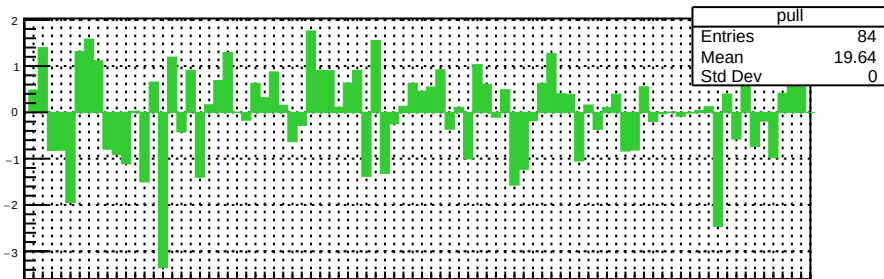
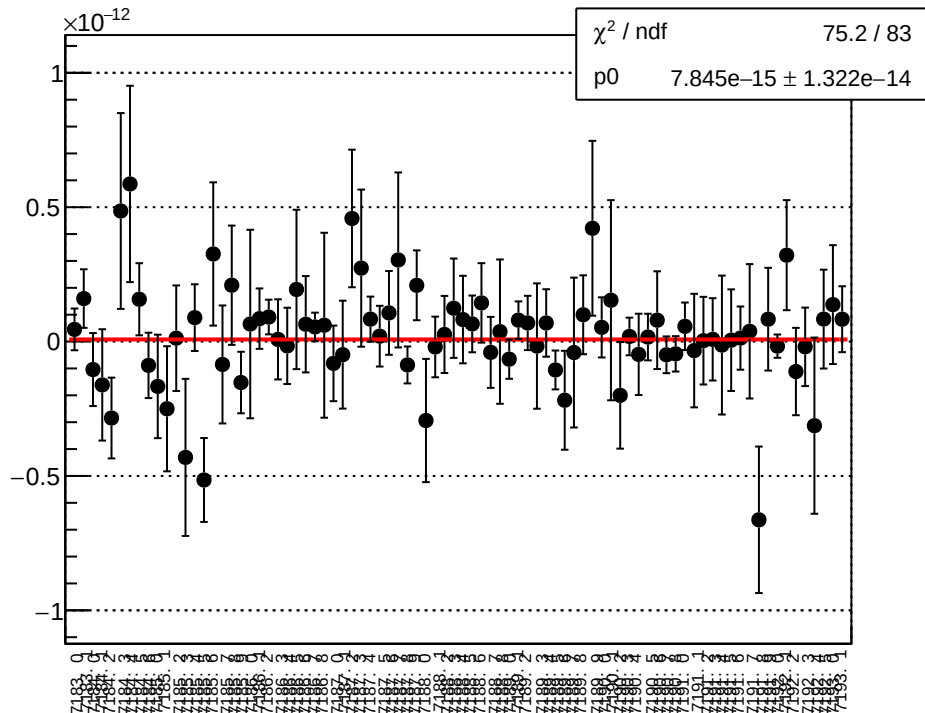
asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs run



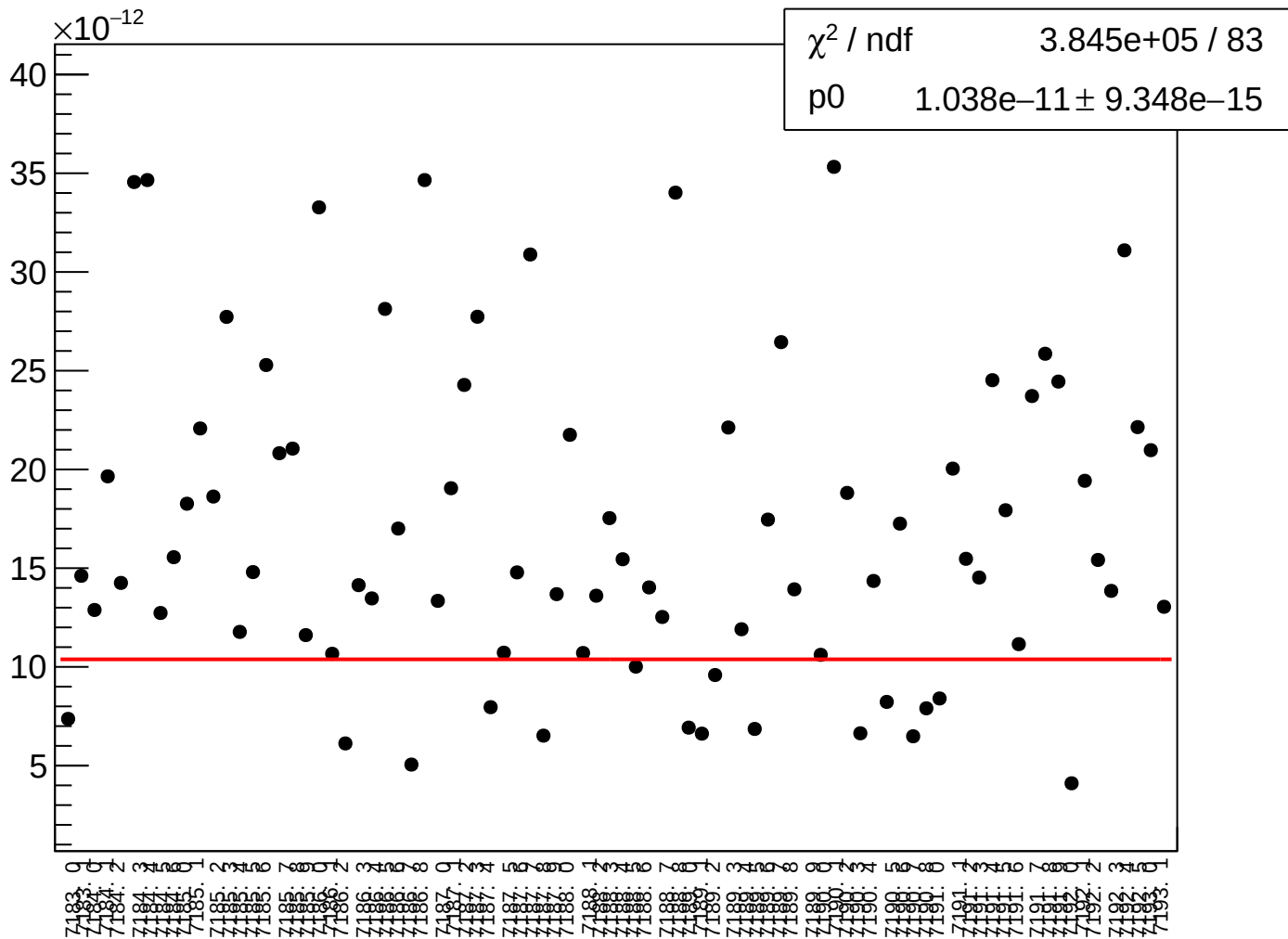
asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs run



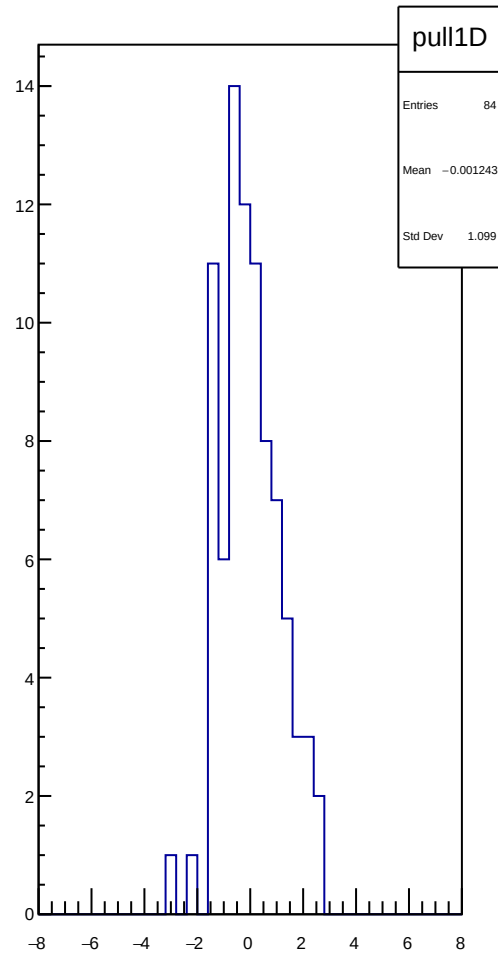
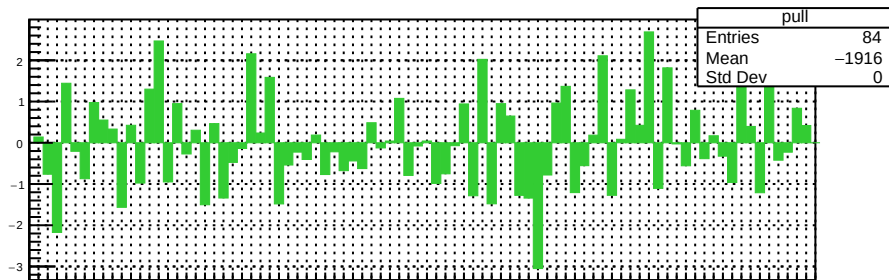
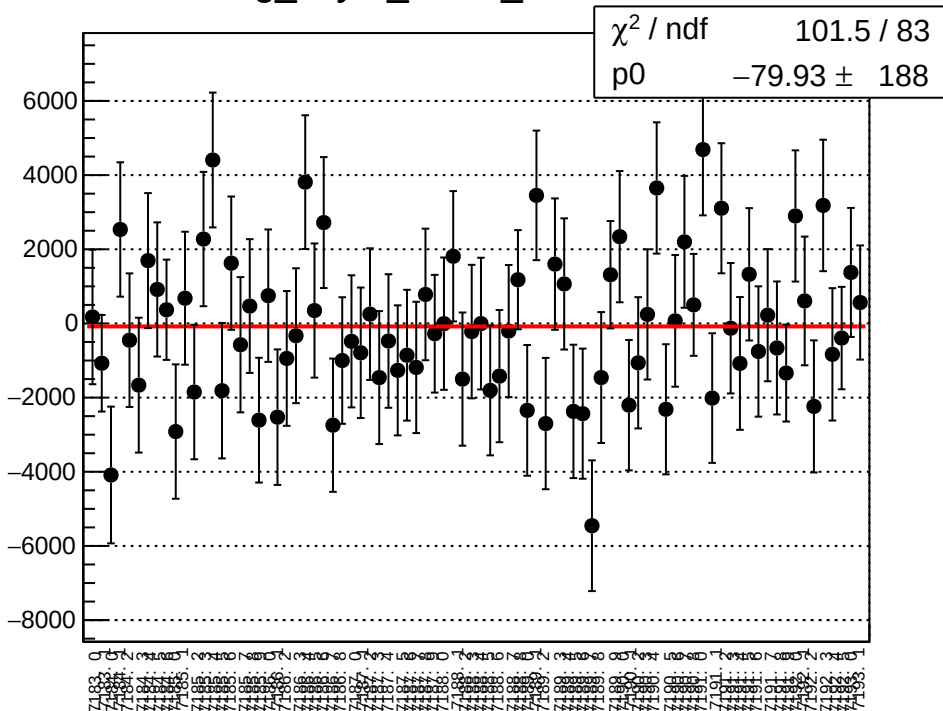
asym_sam5_eigen_cor_vs_cor_diff_mean vs run



asym_sam5_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam6_mean vs run



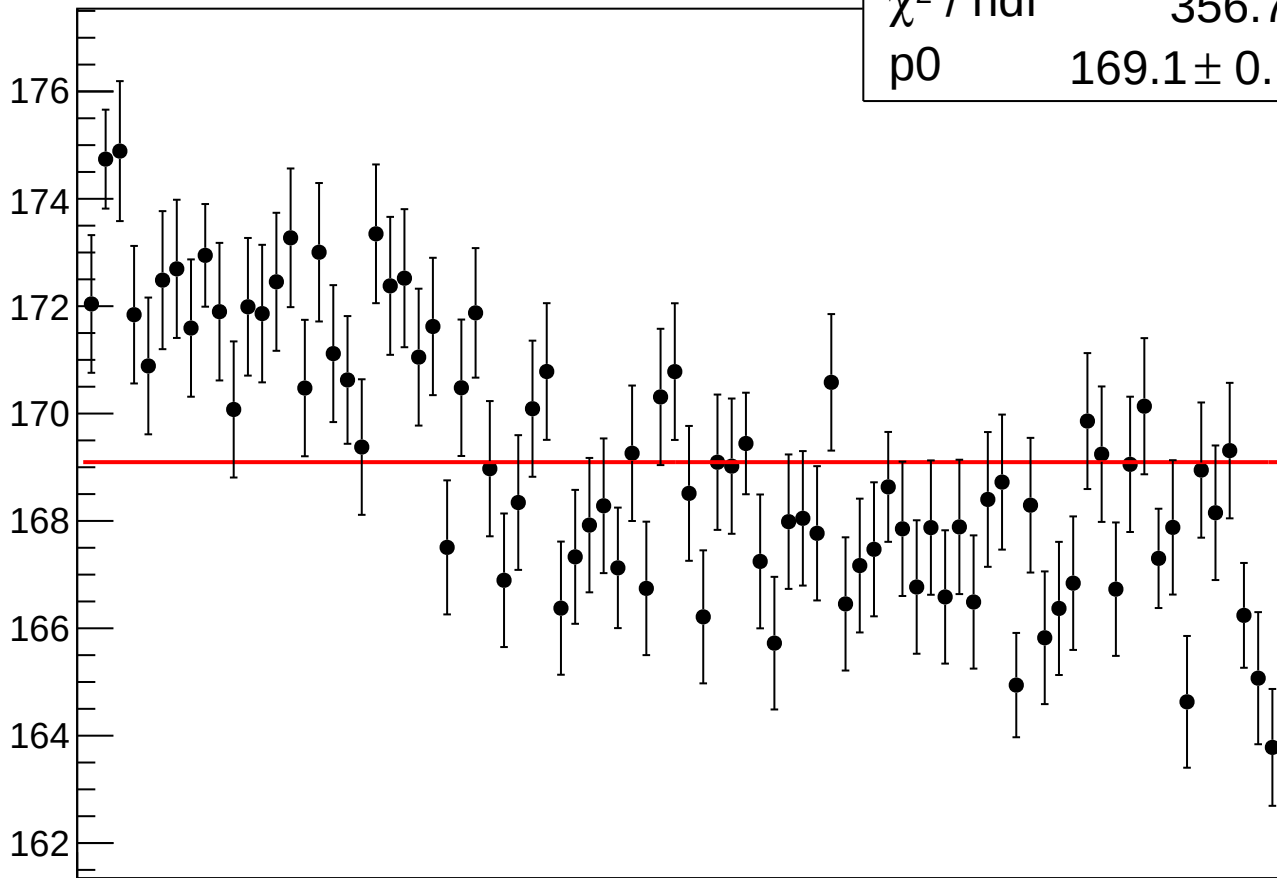
reg_asym_sam6_rms vs run

χ^2 / ndf

356.7 / 83

p0

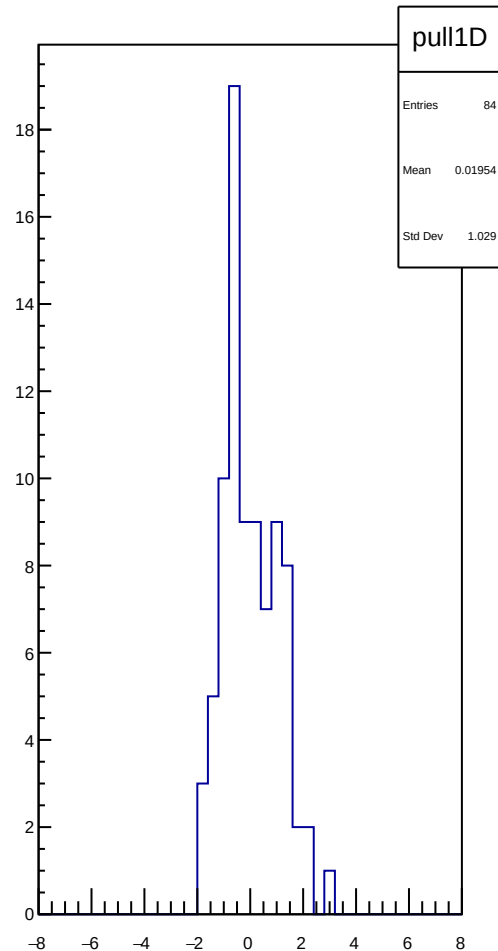
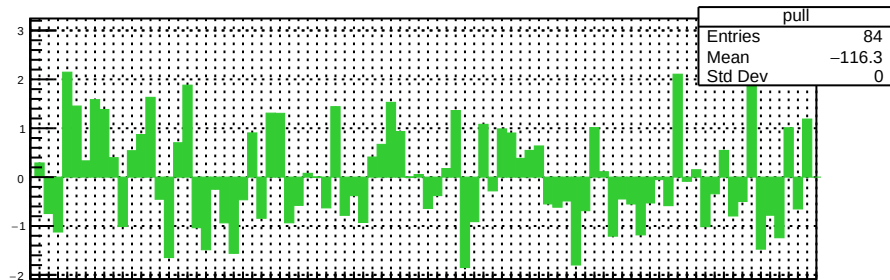
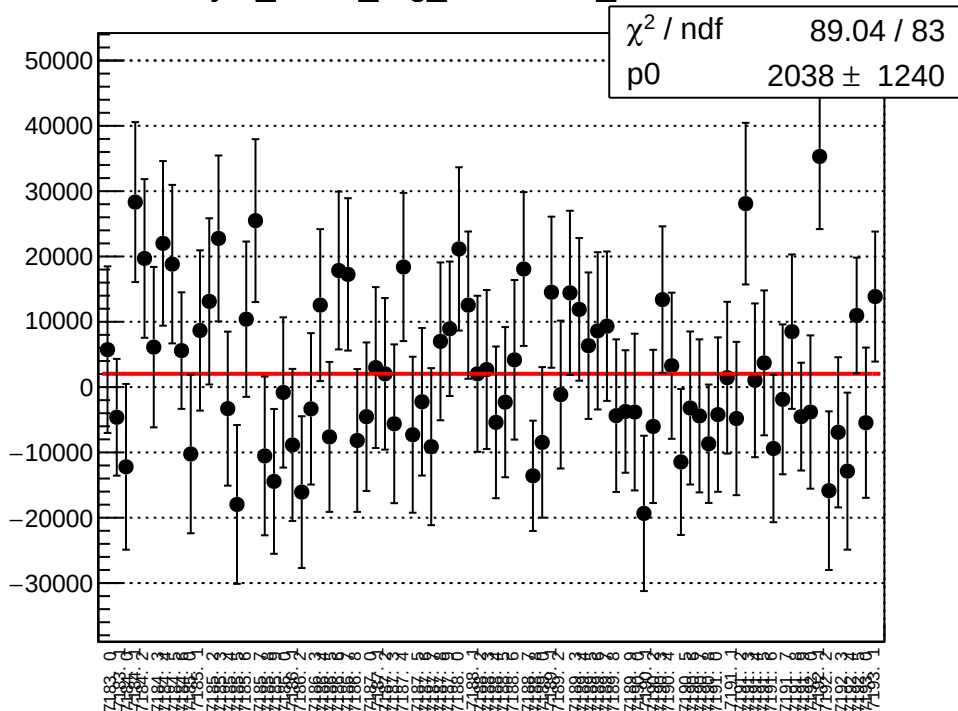
169.1 ± 0.1329



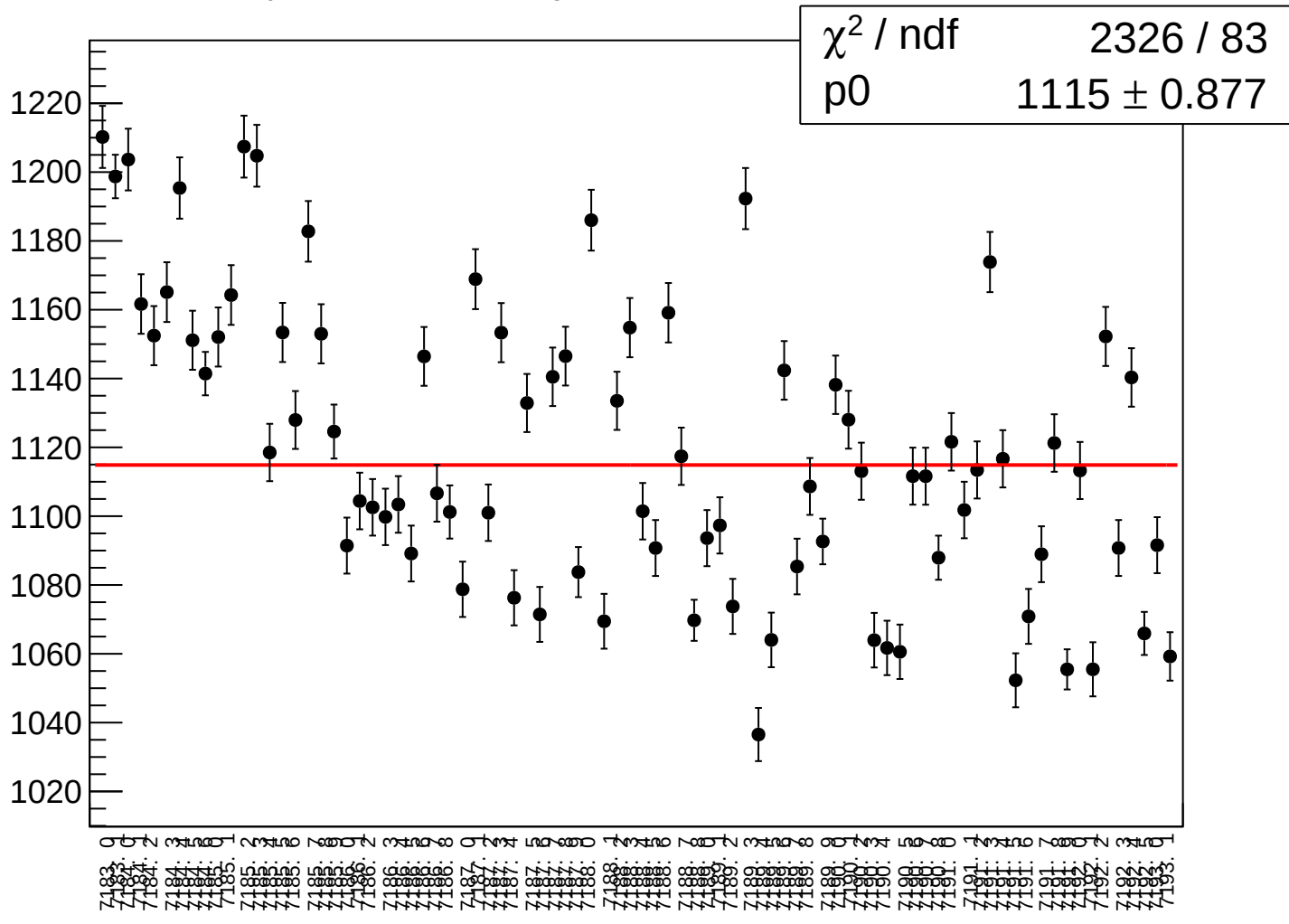
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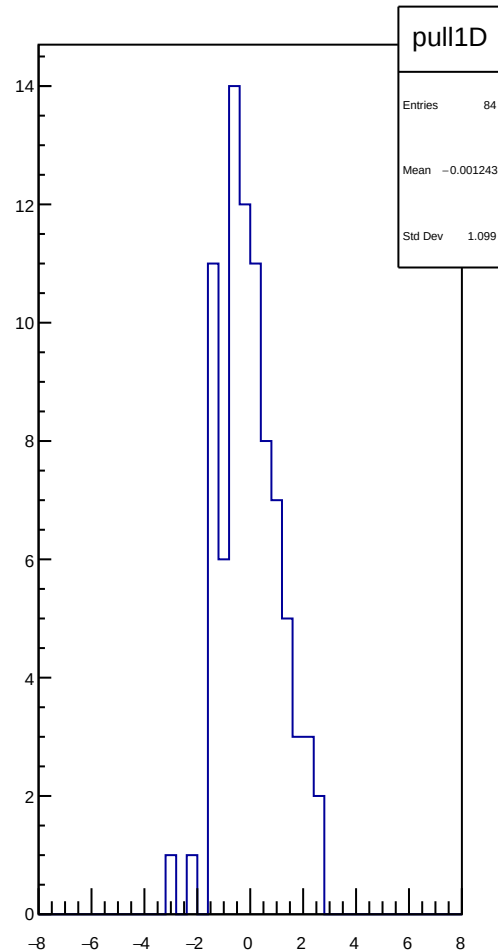
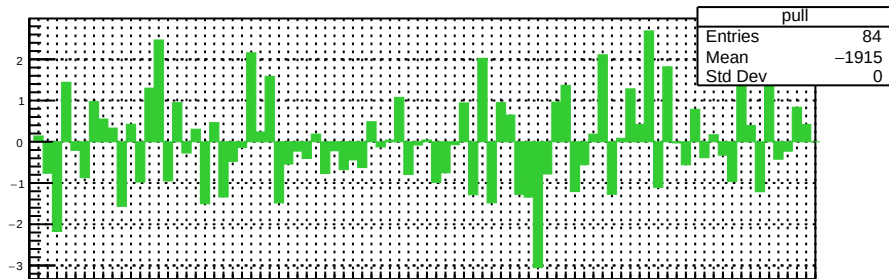
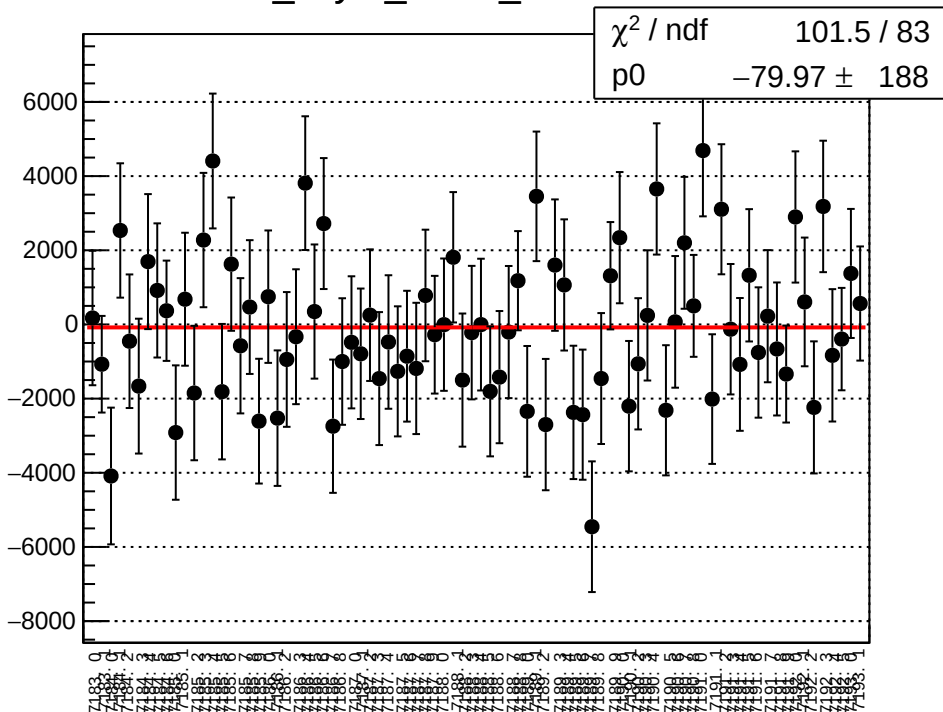
asym_sam6_reg_correction_mean vs run



asym_sam6_reg_correction_rms vs run



cor_asym_sam6_mean vs run



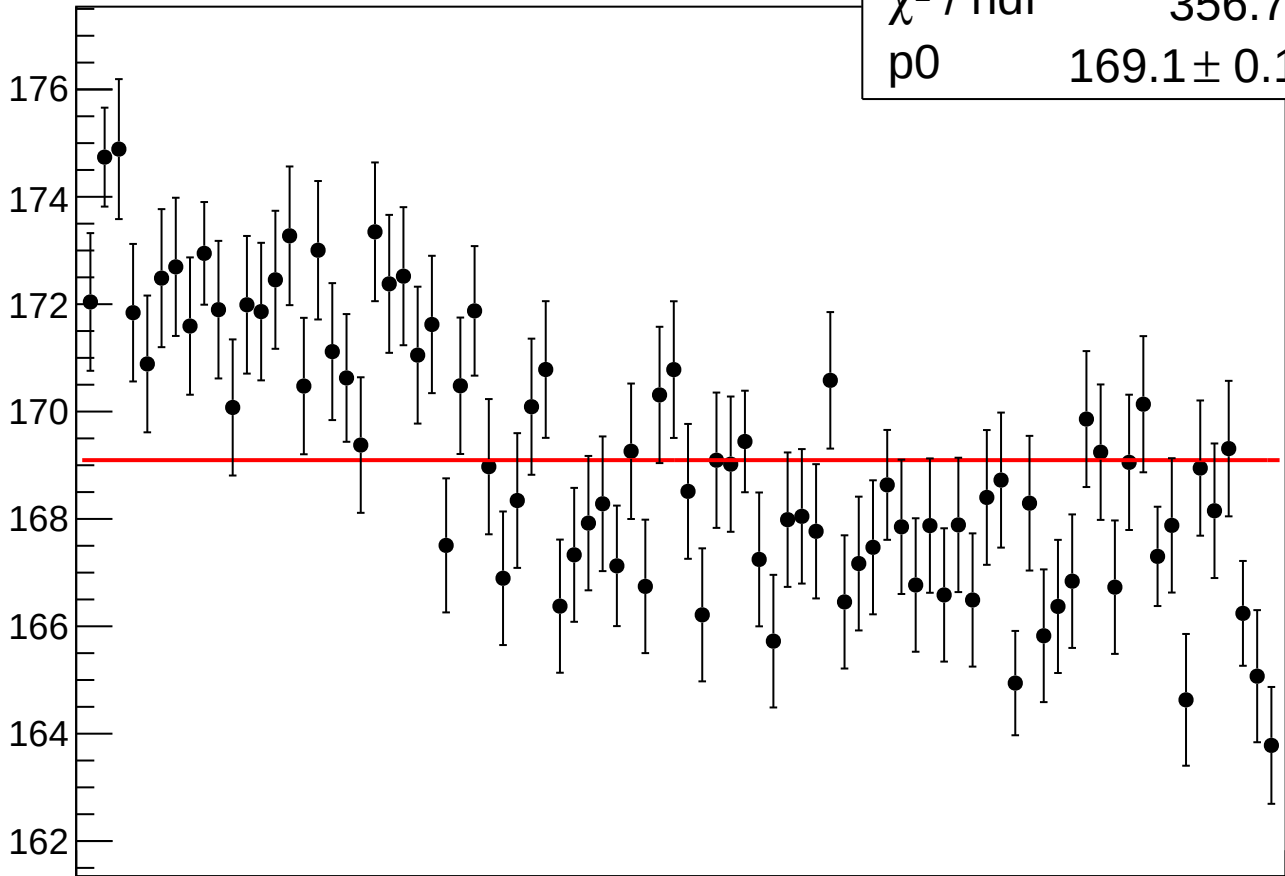
cor_asym_sam6_rms vs run

χ^2 / ndf

356.7 / 83

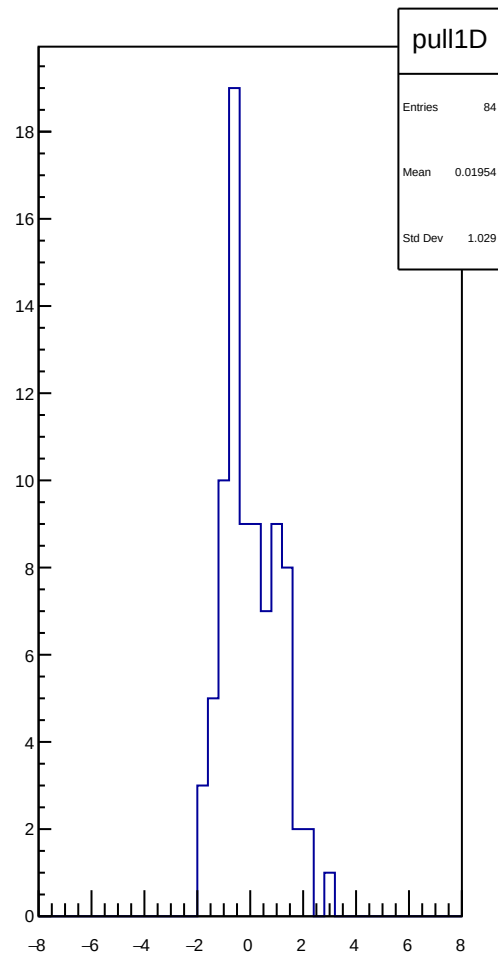
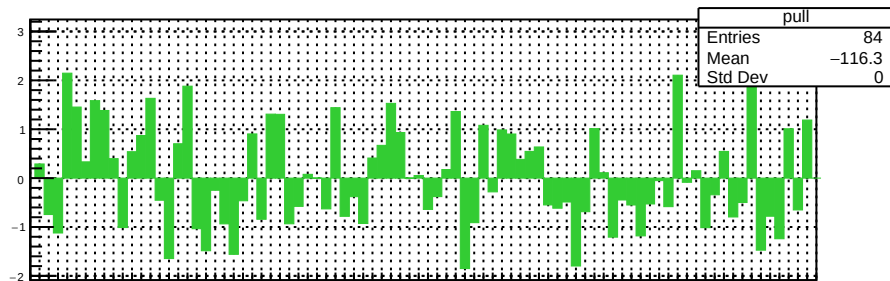
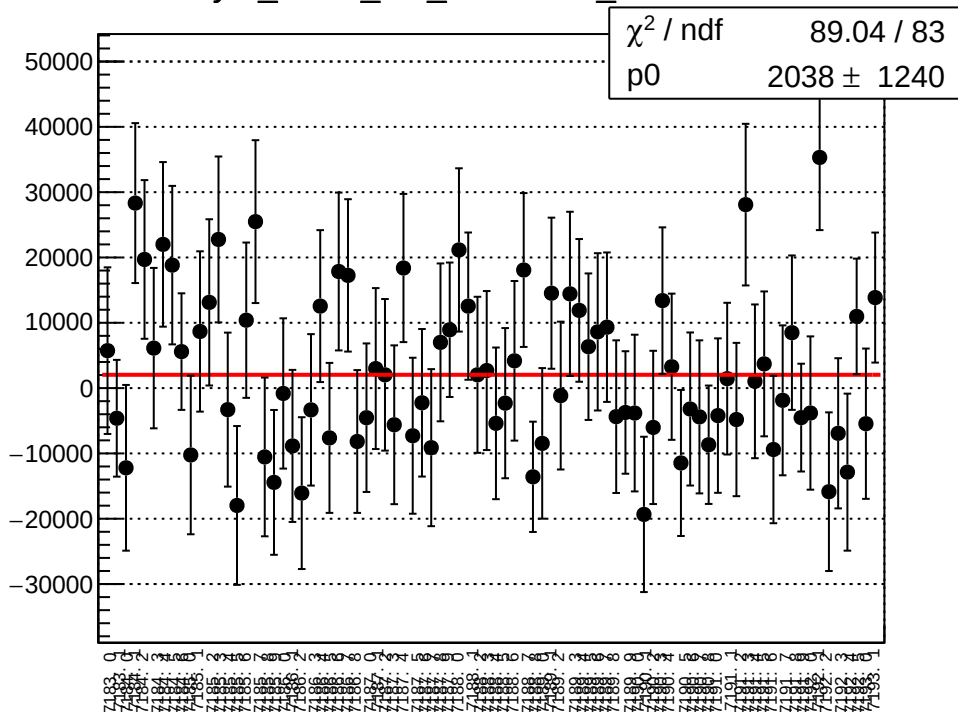
p0

169.1 ± 0.1329

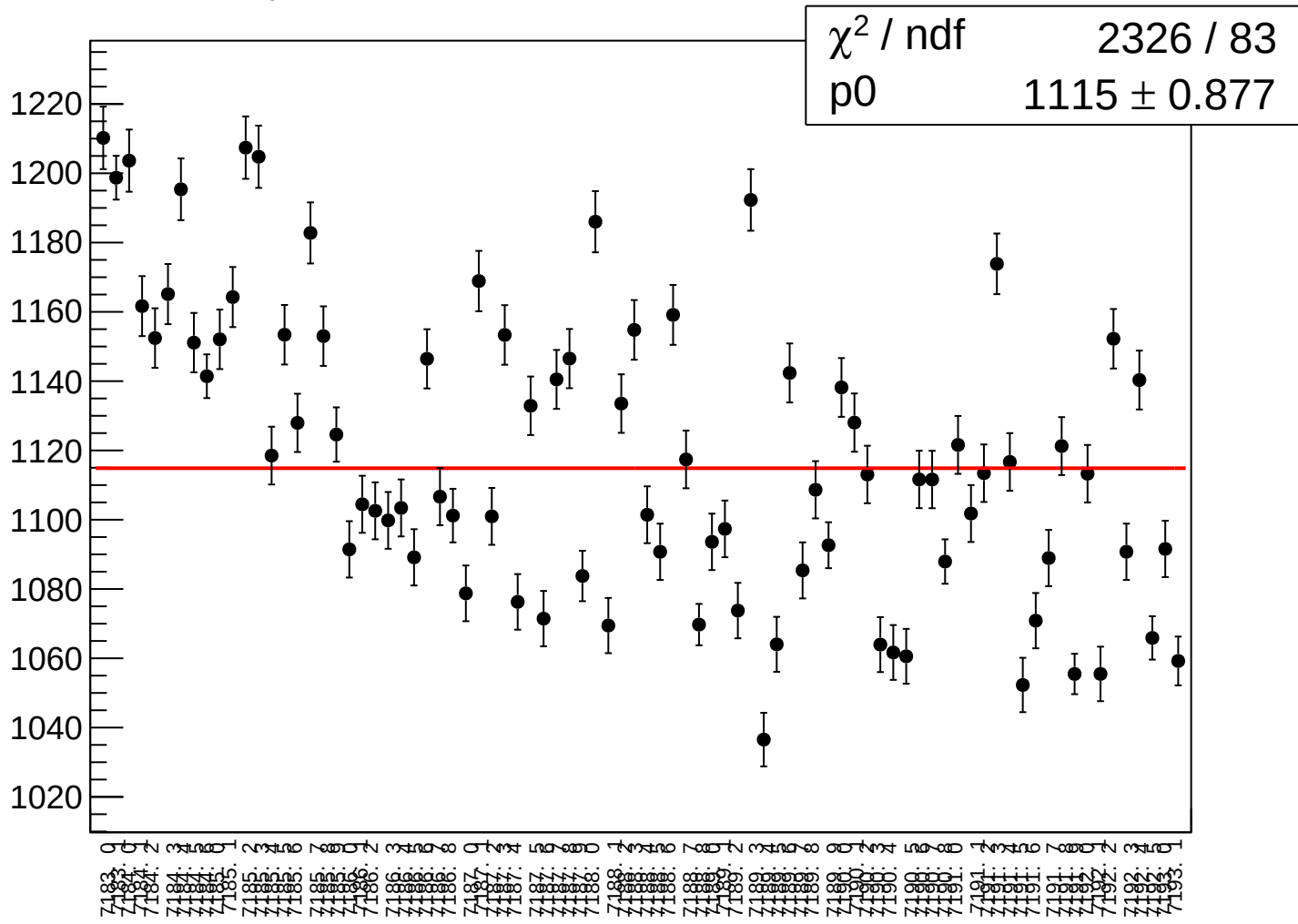


74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

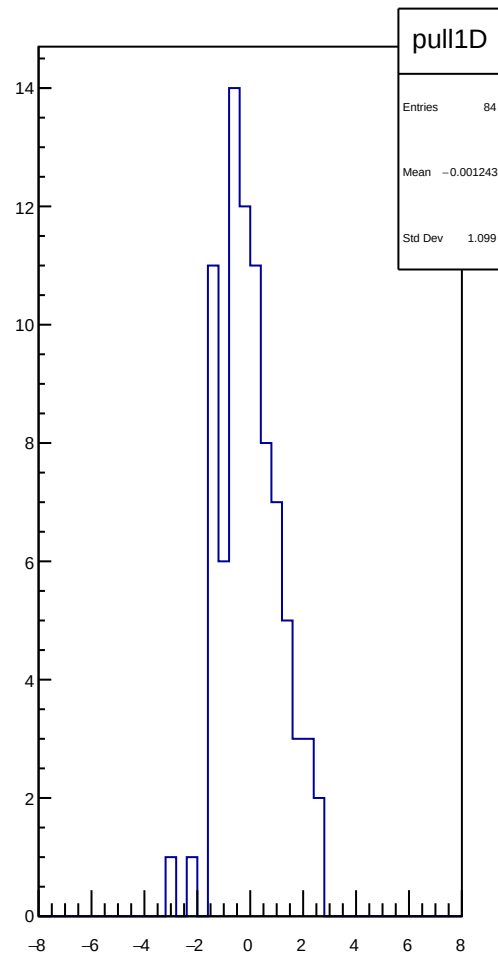
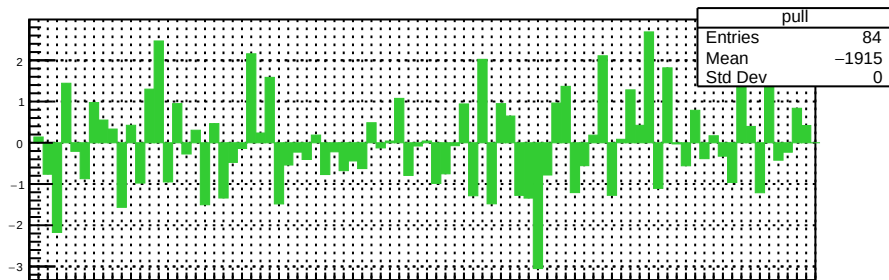
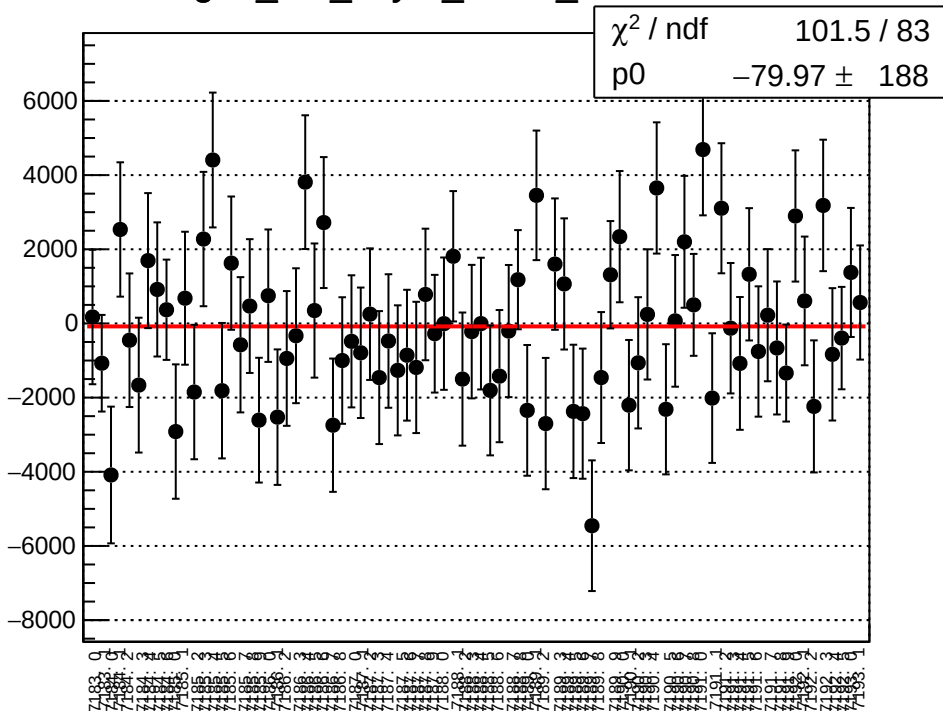
asym_sam6_cor_correction_mean vs run



asym_sam6_cor_correction_rms vs run



eigen_cor_asym_sam6_mean vs run



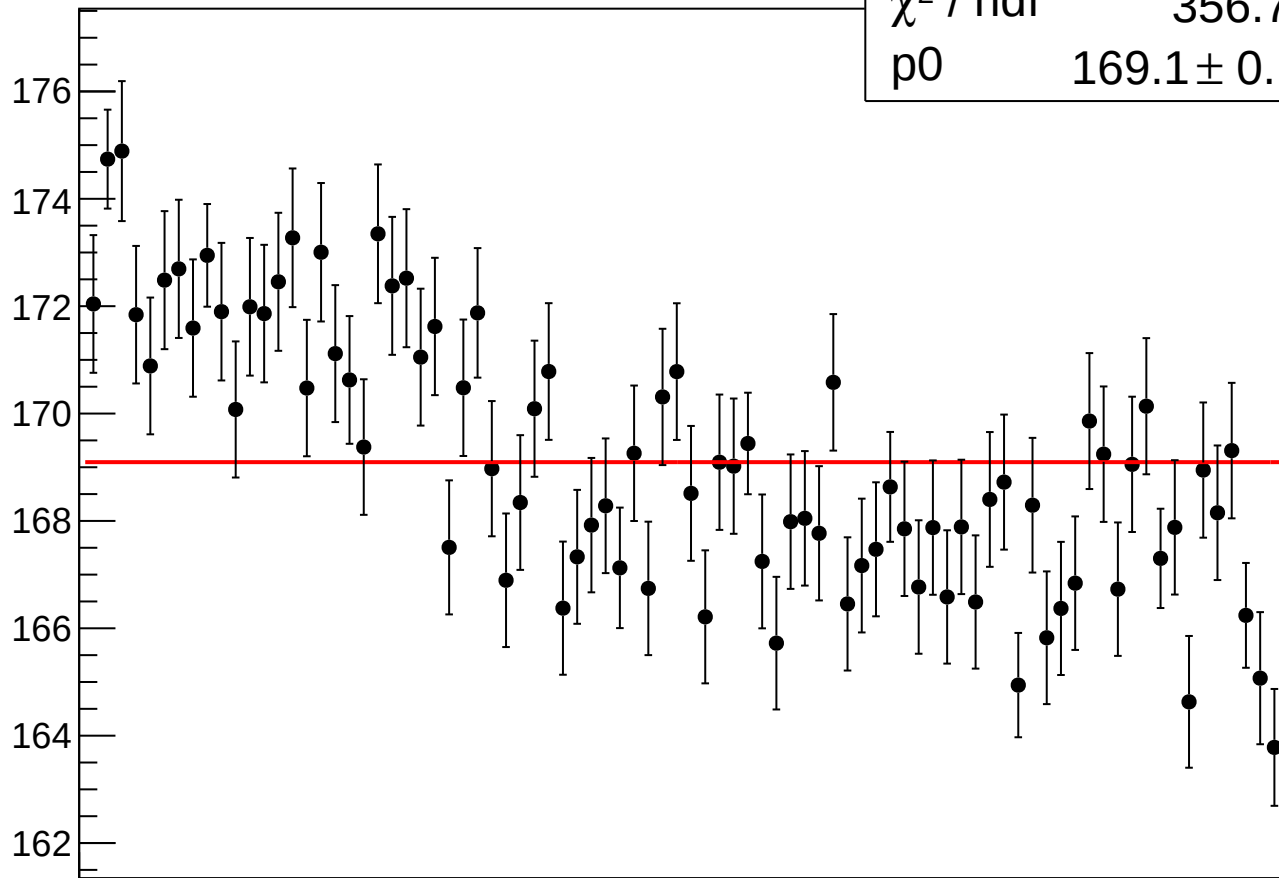
eigen_cor_asym_sam6_rms vs run

χ^2 / ndf

356.7 / 83

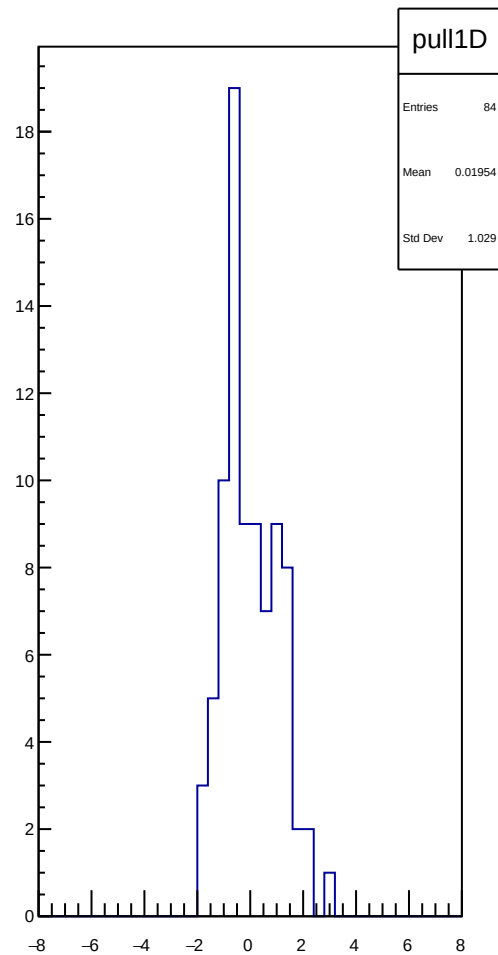
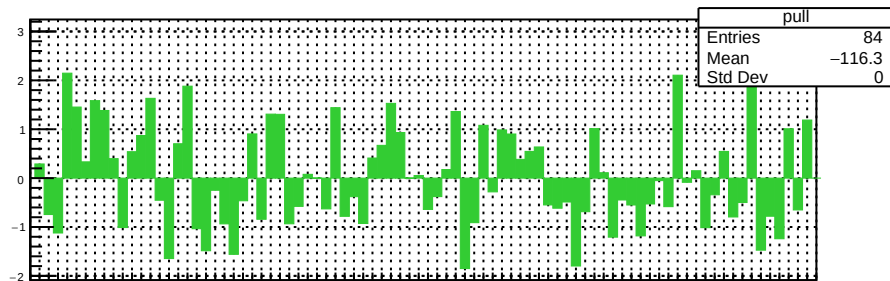
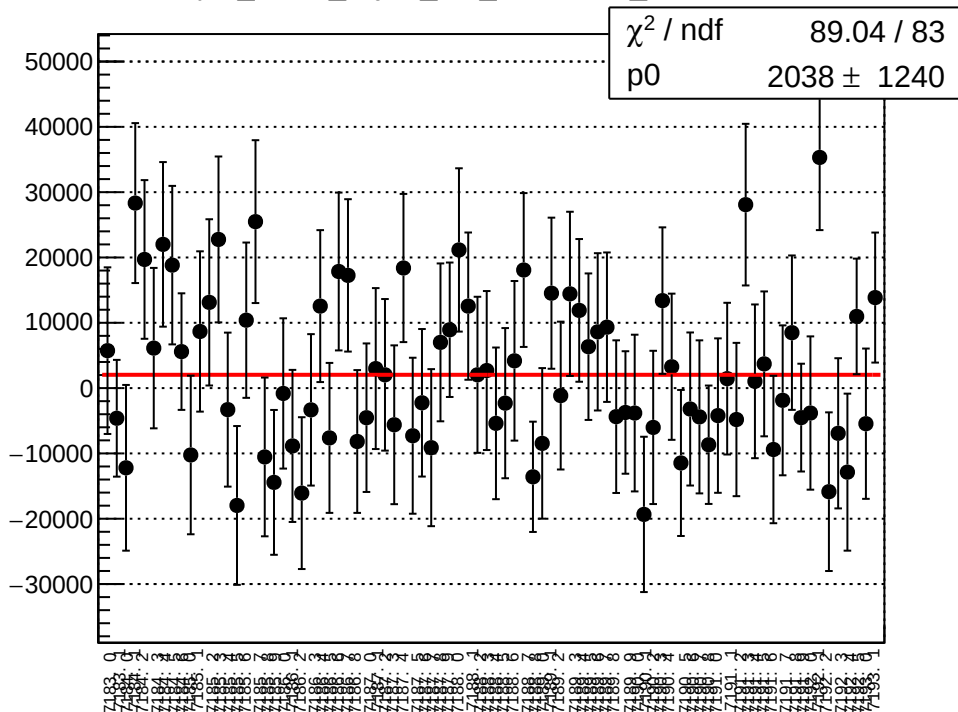
p0

169.1 ± 0.1329

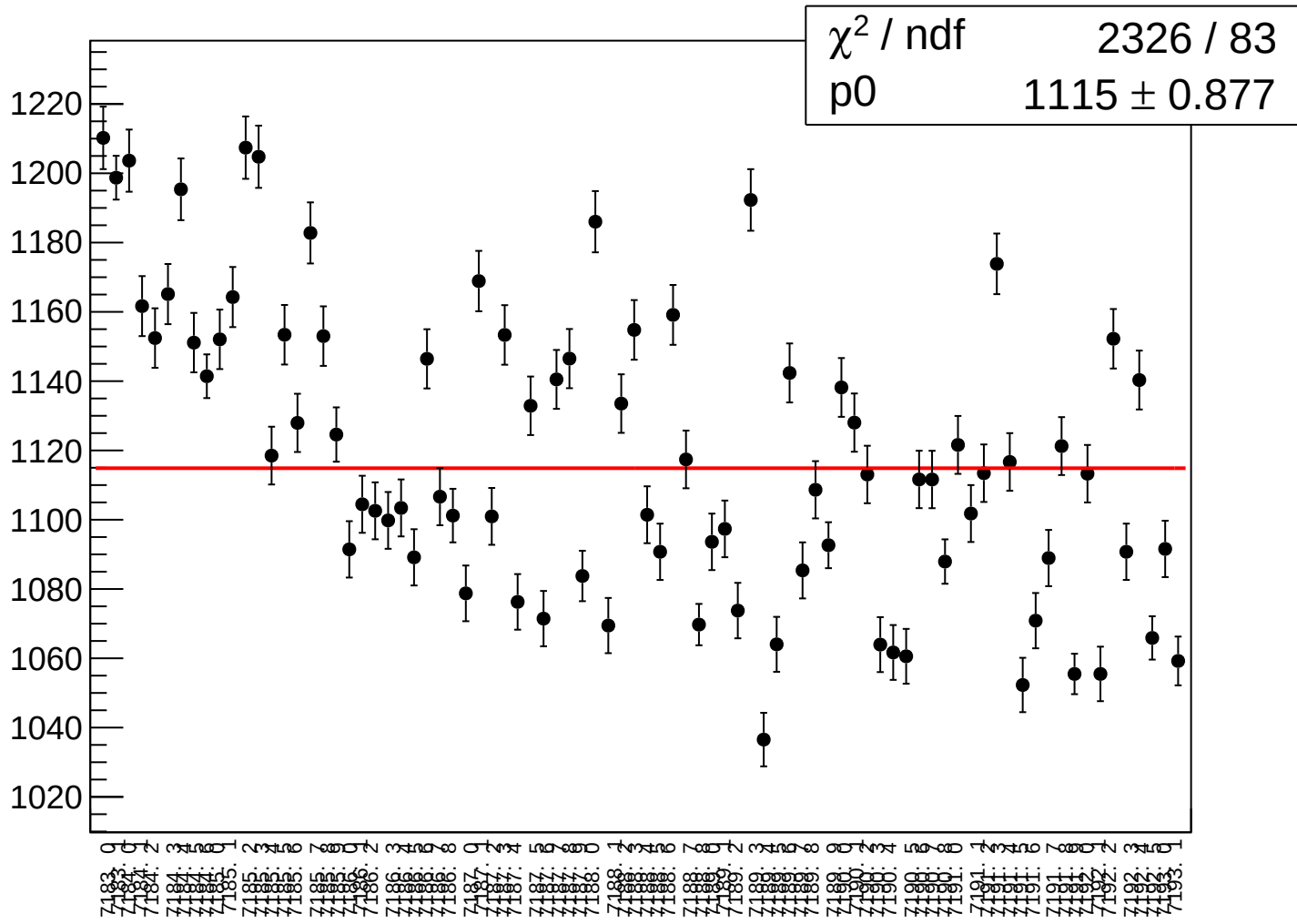


run 1 100 200 300 400 500 600 700 800 900 1000

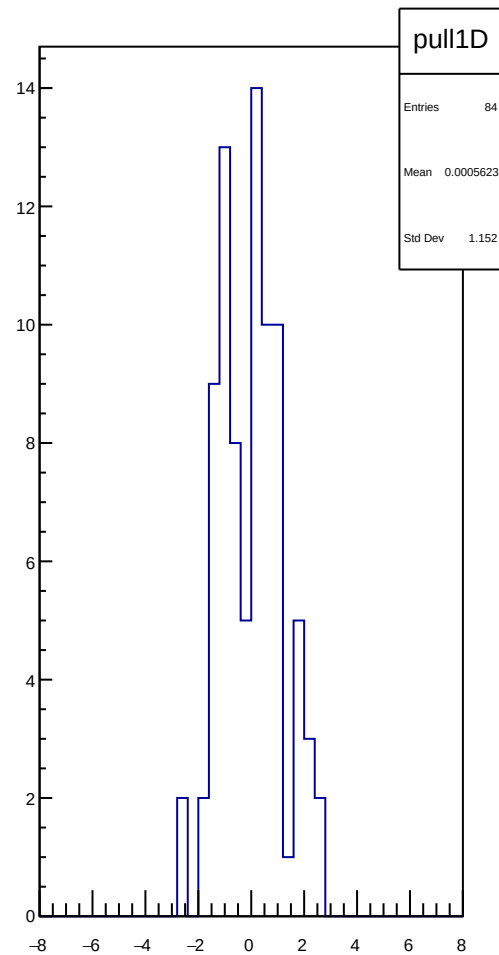
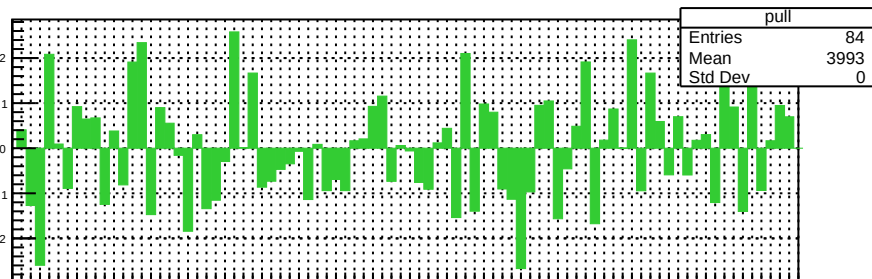
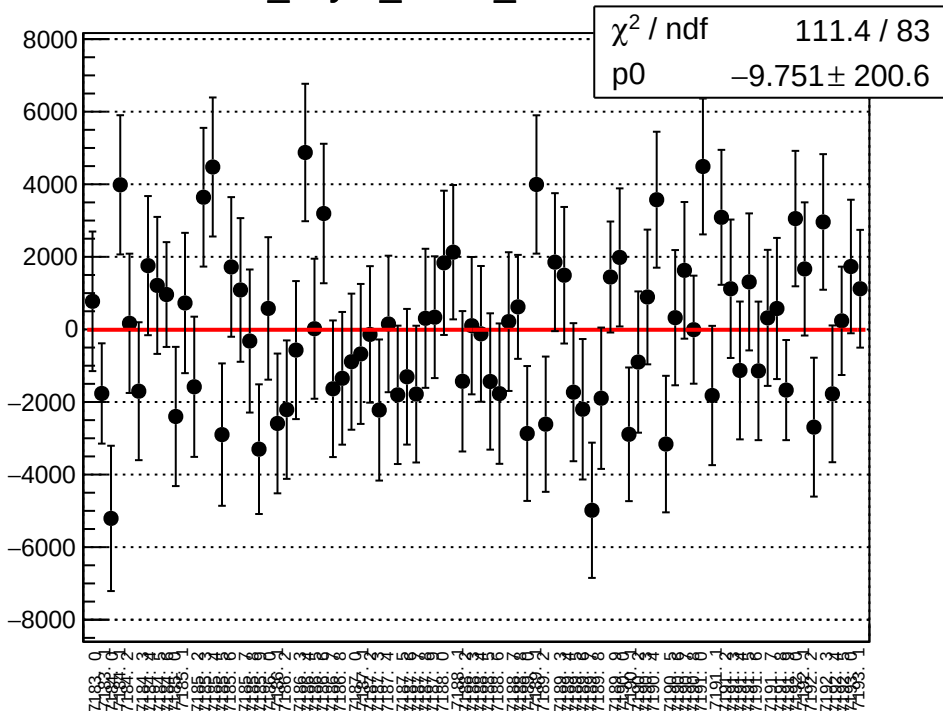
asym_sam6_eigen_cor_correction_mean vs run



asym_sam6_eigen_cor_correction_rms vs run

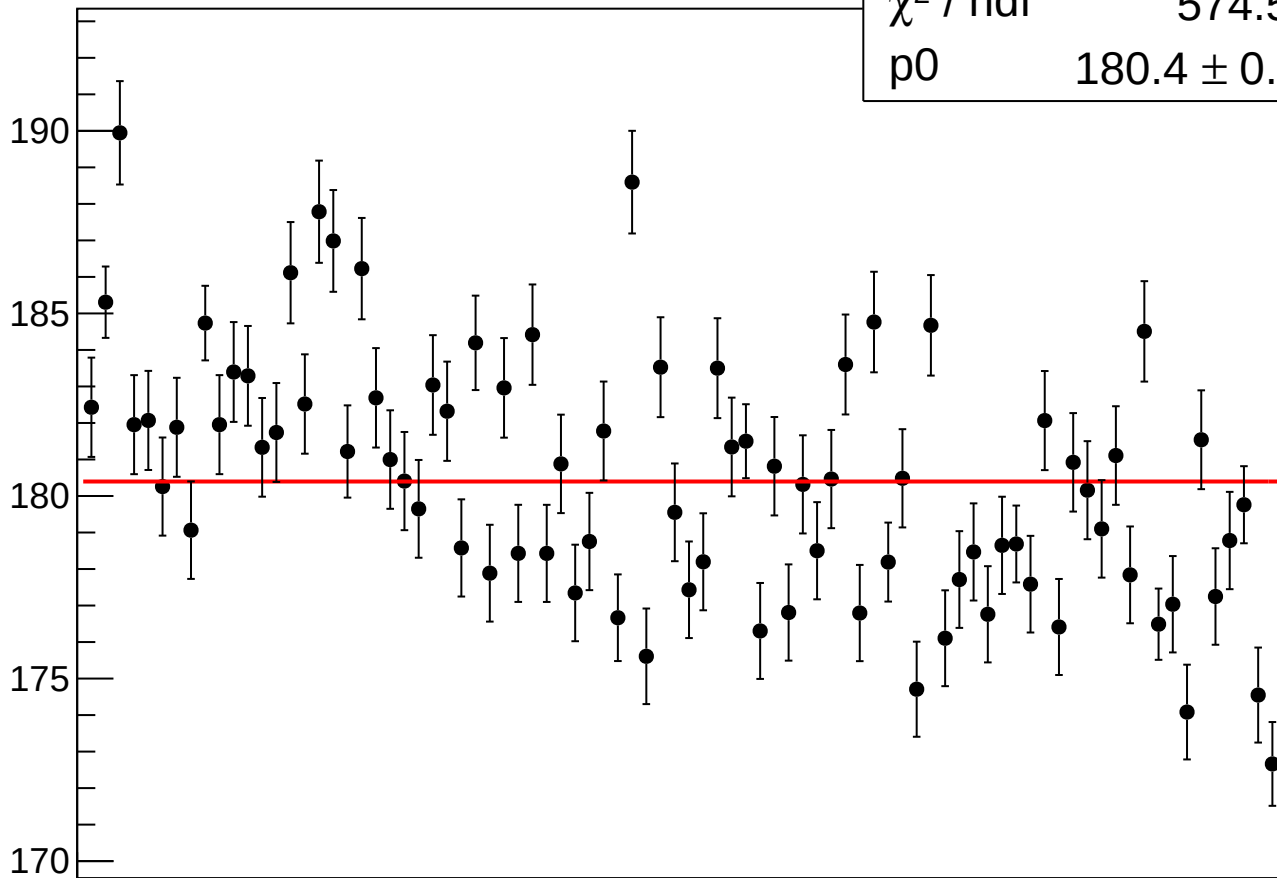


dit_asym_sam6_mean vs run

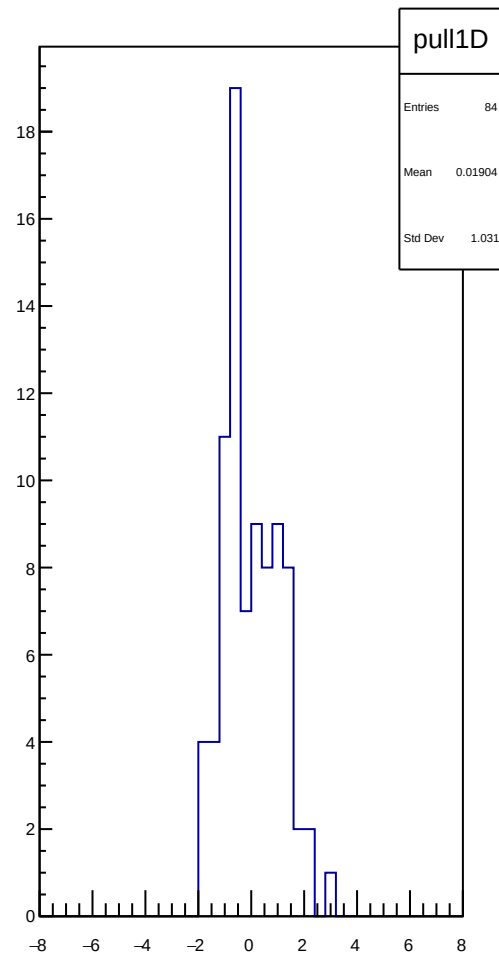
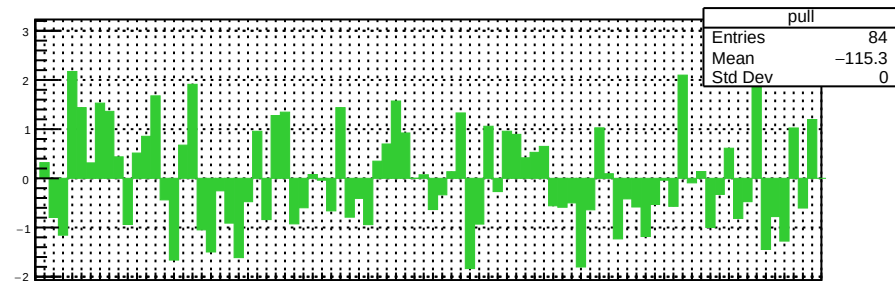
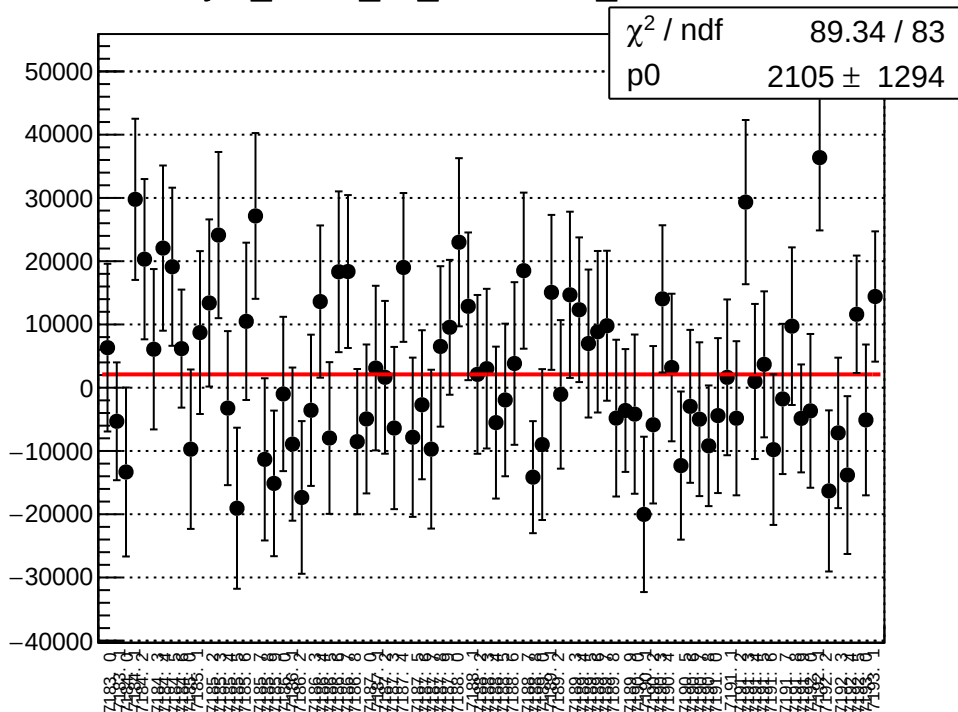


χ^2 / ndf

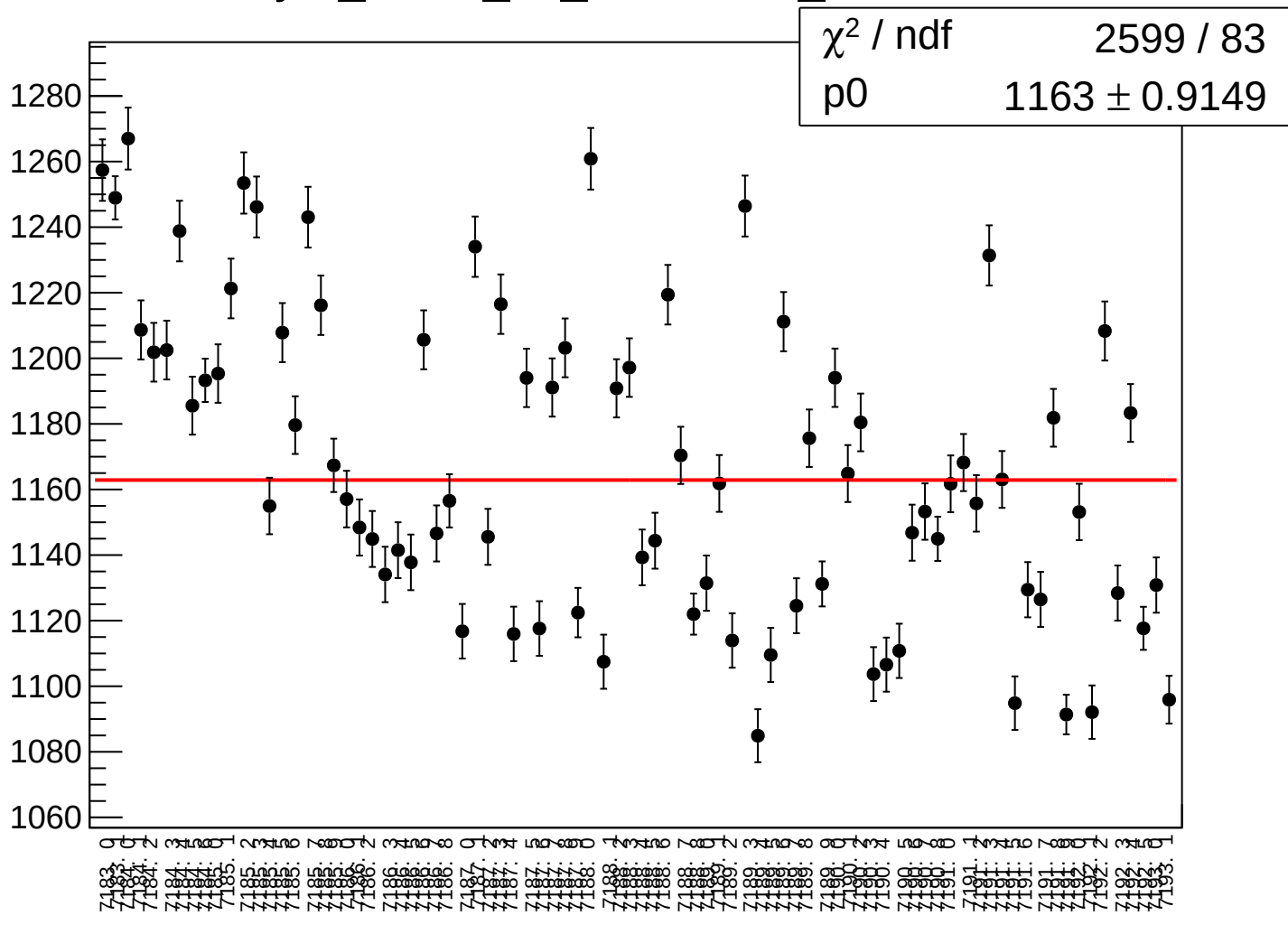
p0

$$180.4 \pm 0.1418$$
[illegible]

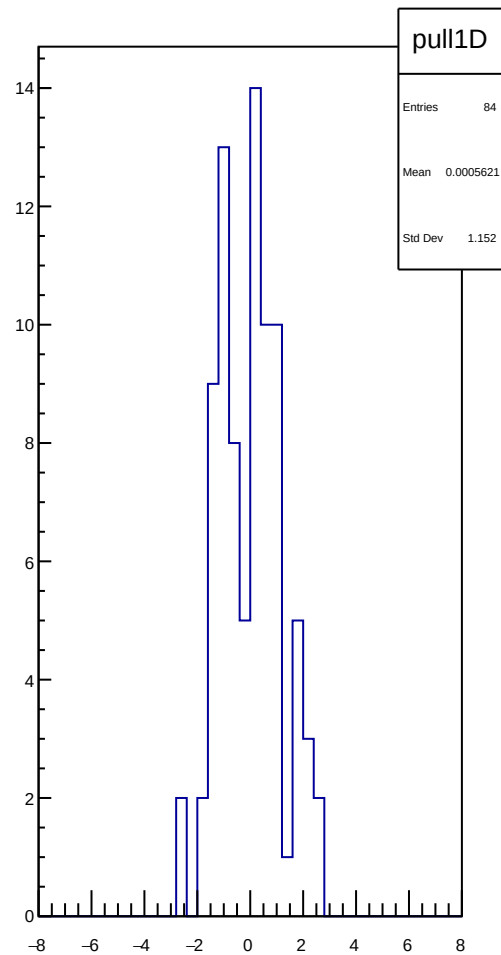
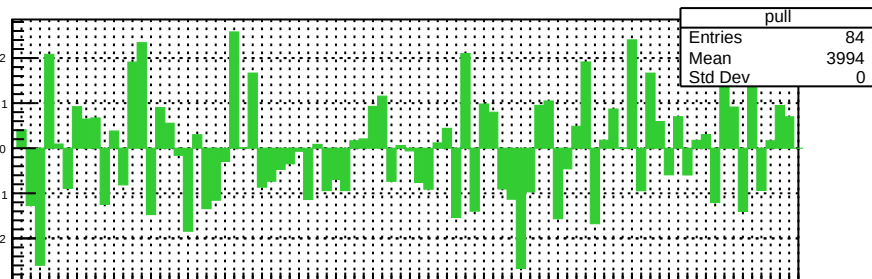
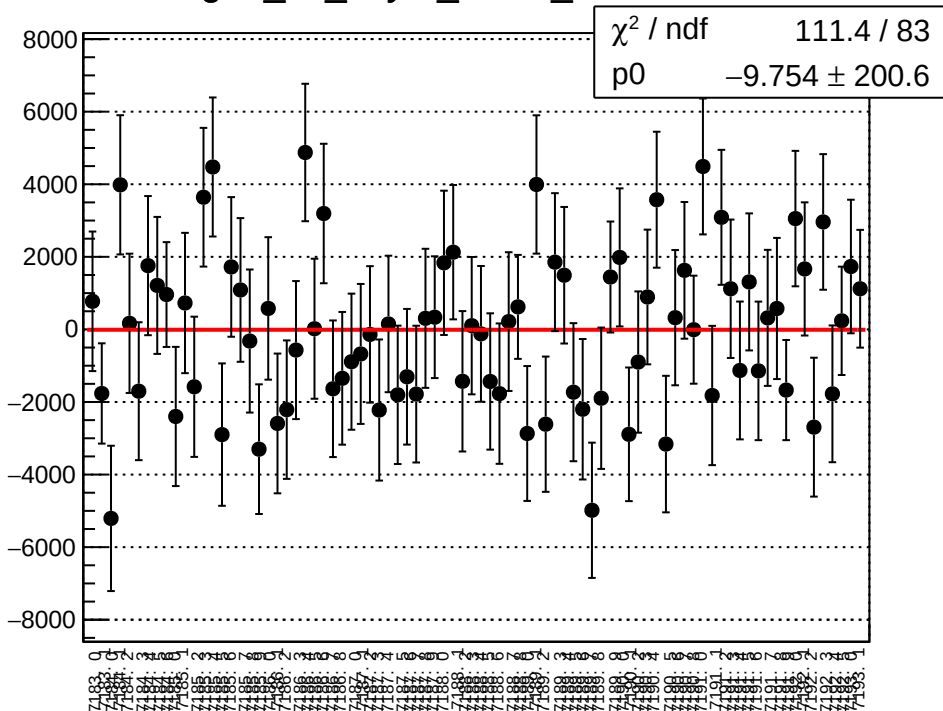
asym_sam6_dit_correction_mean vs run



asym_sam6_dit_correction_rms vs run



eigen_dit_asym_sam6_mean vs run



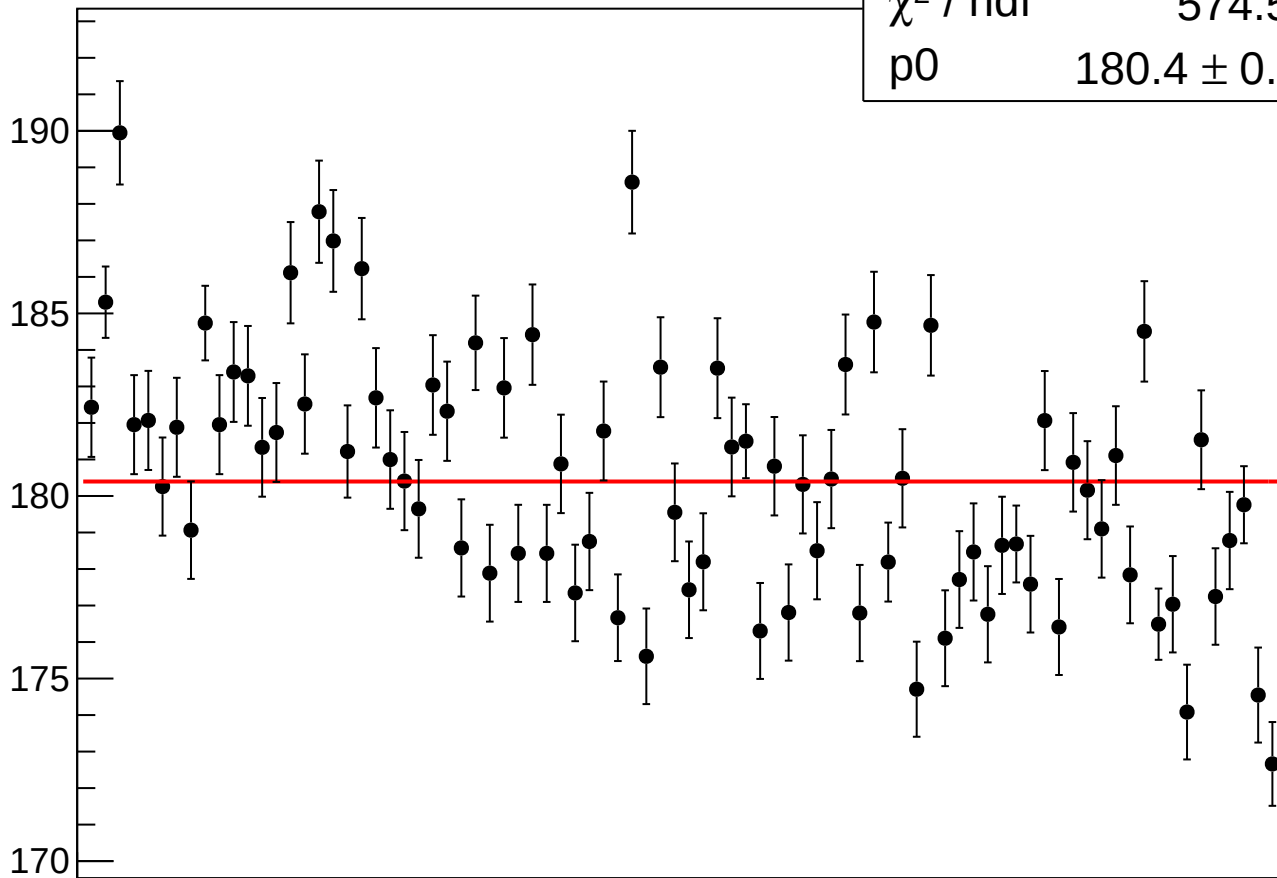
eigen_dit_asym_sam6_rms vs run

χ^2 / ndf

574.5 / 83

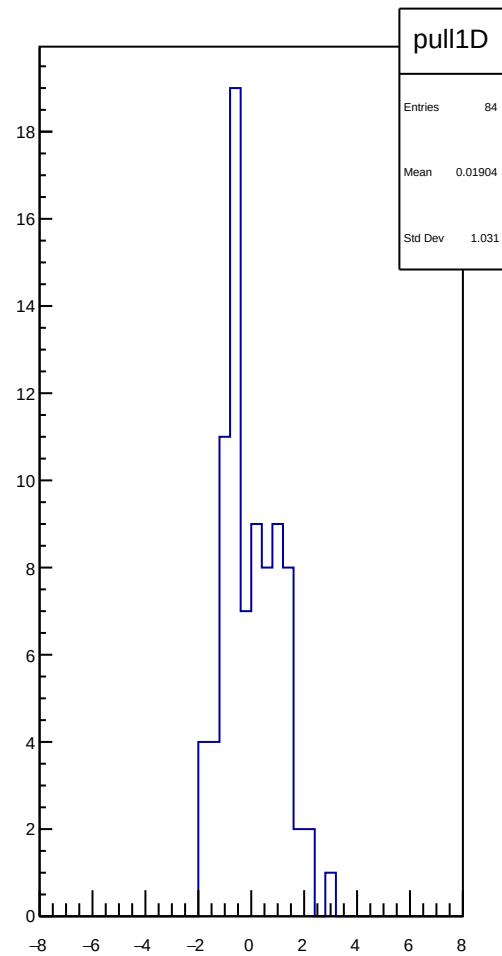
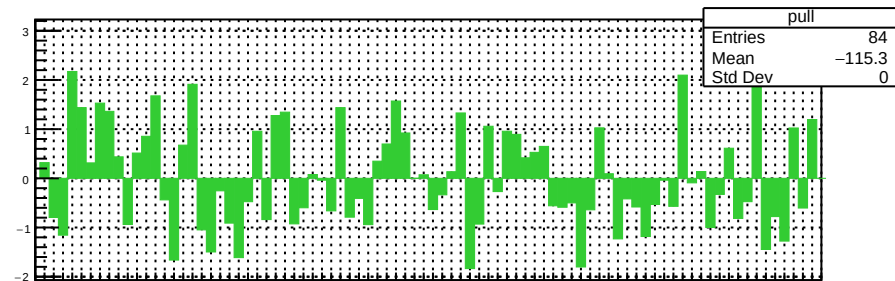
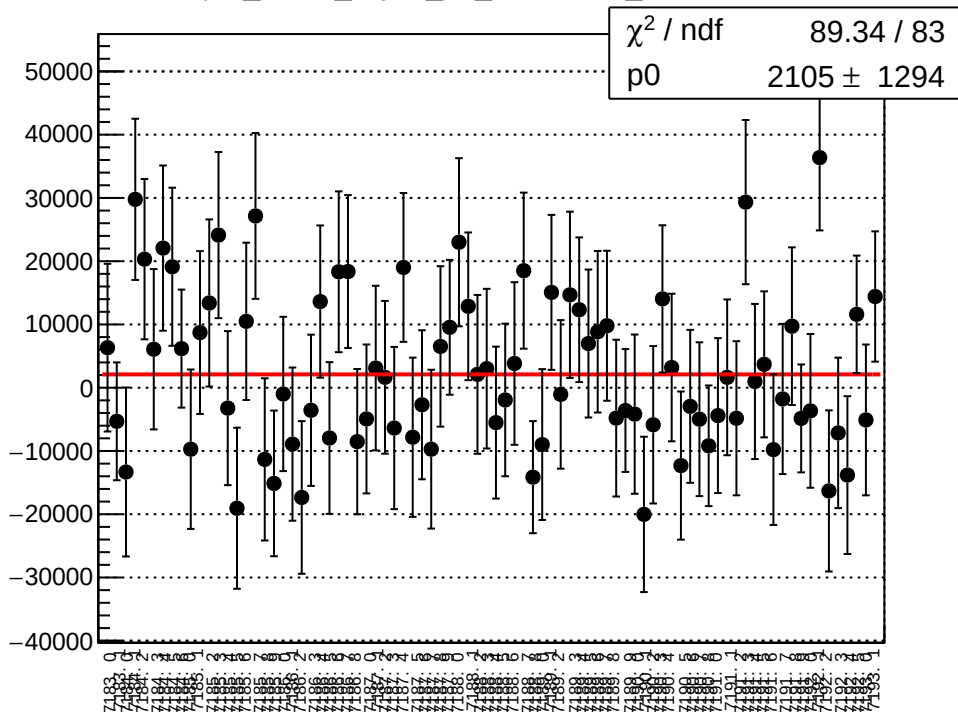
p0

180.4 ± 0.1418

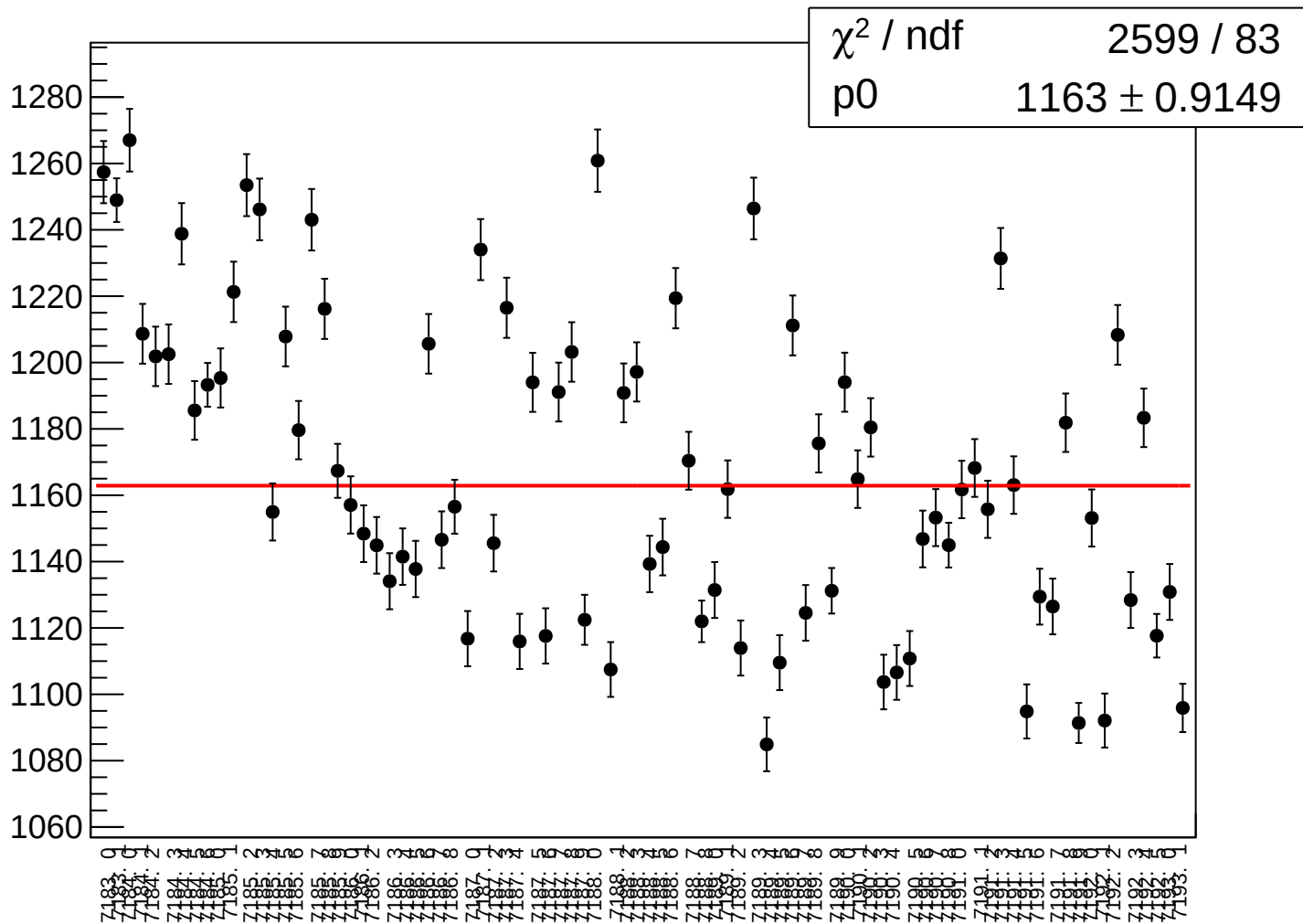


7183 7184 7185 7186 7187 7188 7189 7190 7191 7192 7193

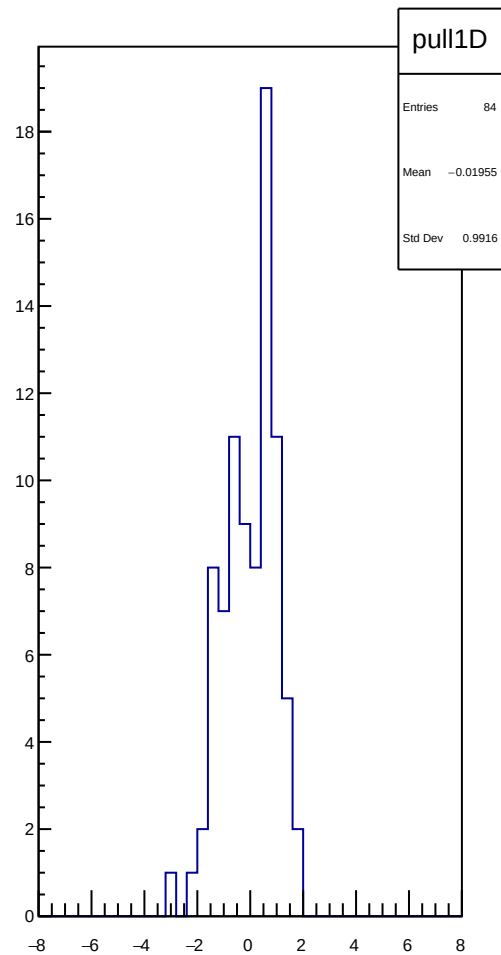
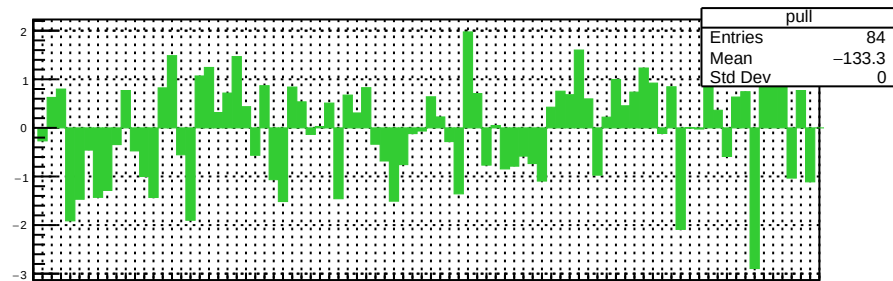
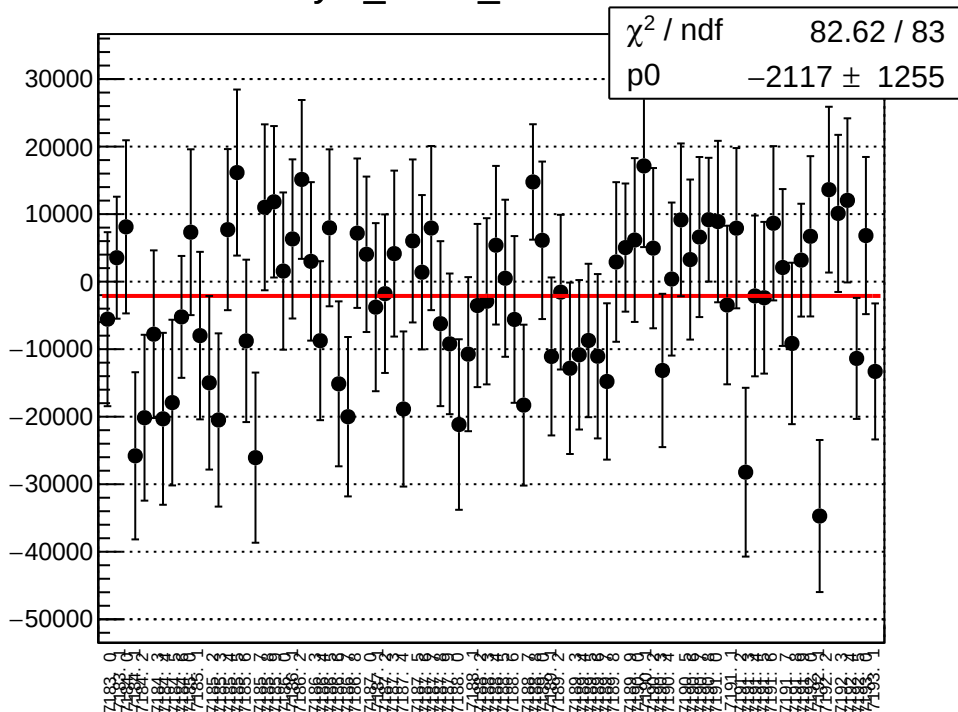
asym_sam6_eigen_dit_correction_mean vs run



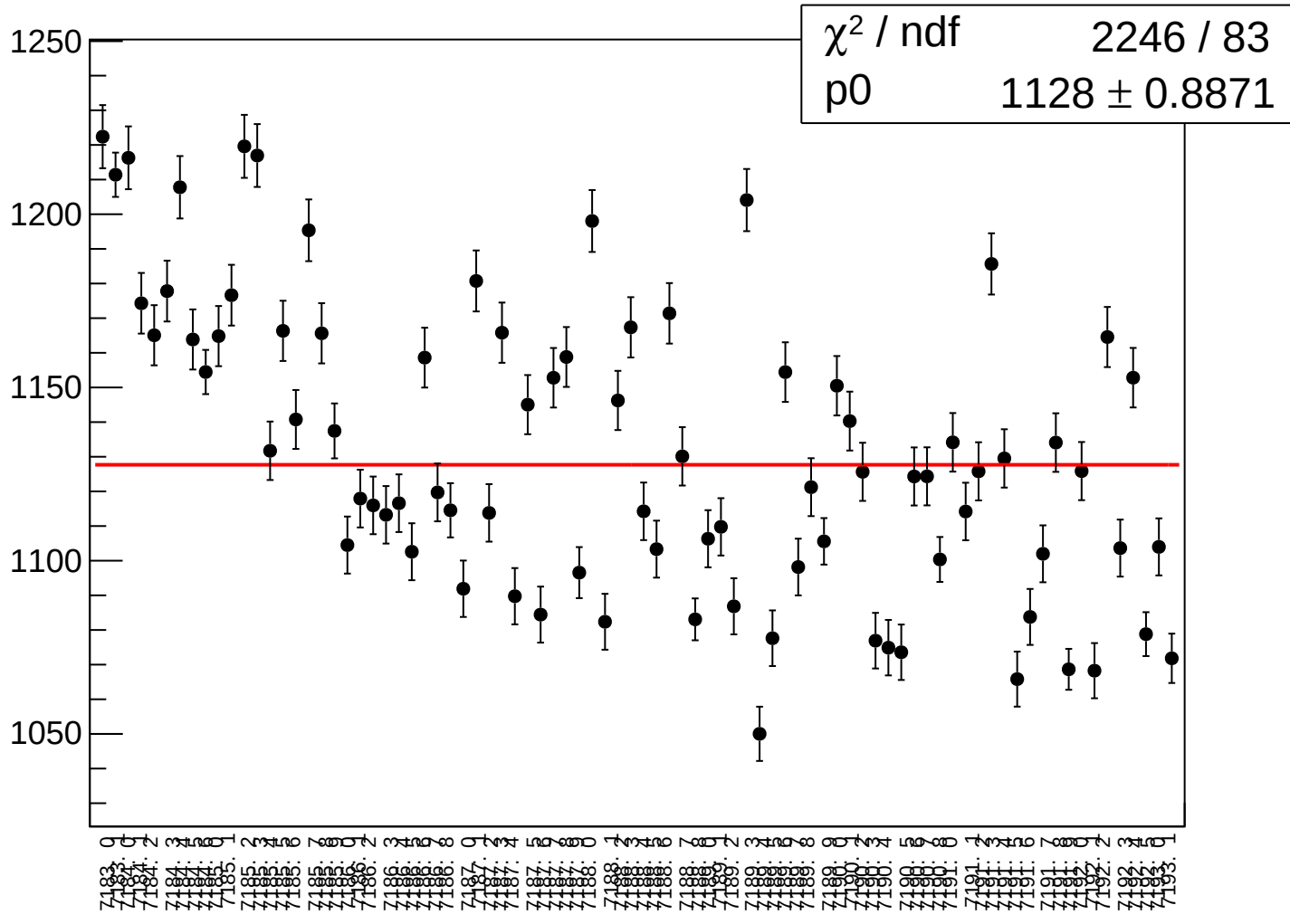
asym_sam6_eigen_dit_correction_rms vs run



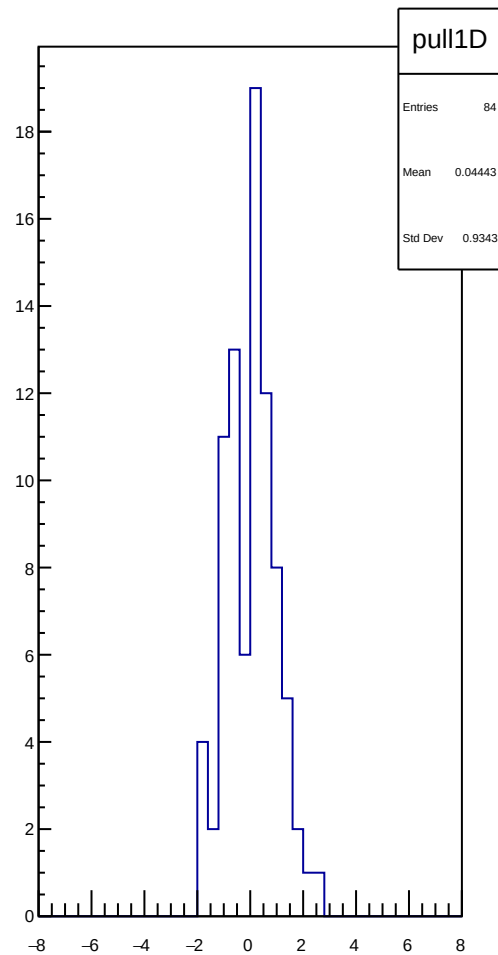
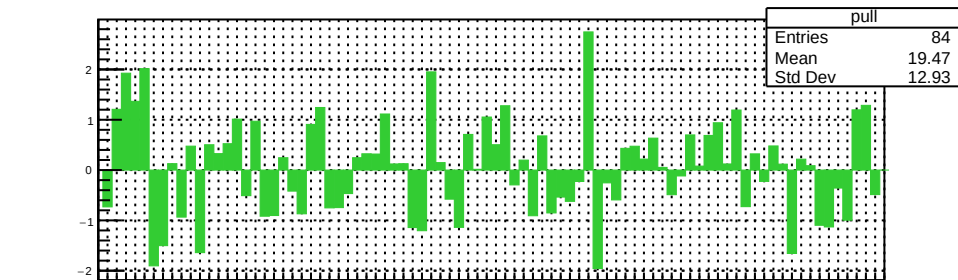
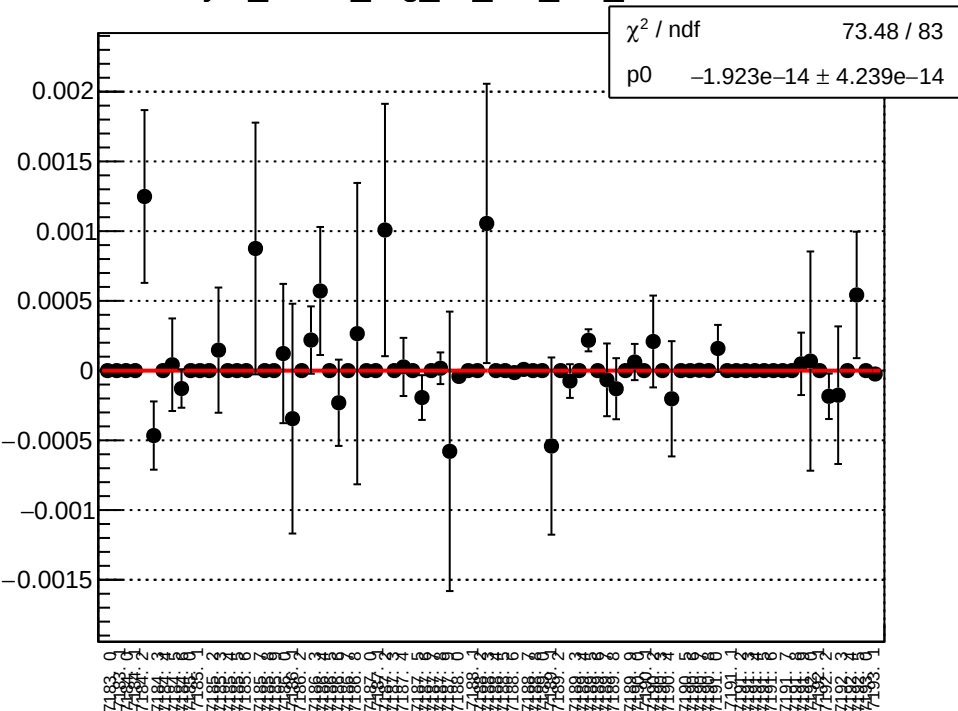
asym_sam6_mean vs run



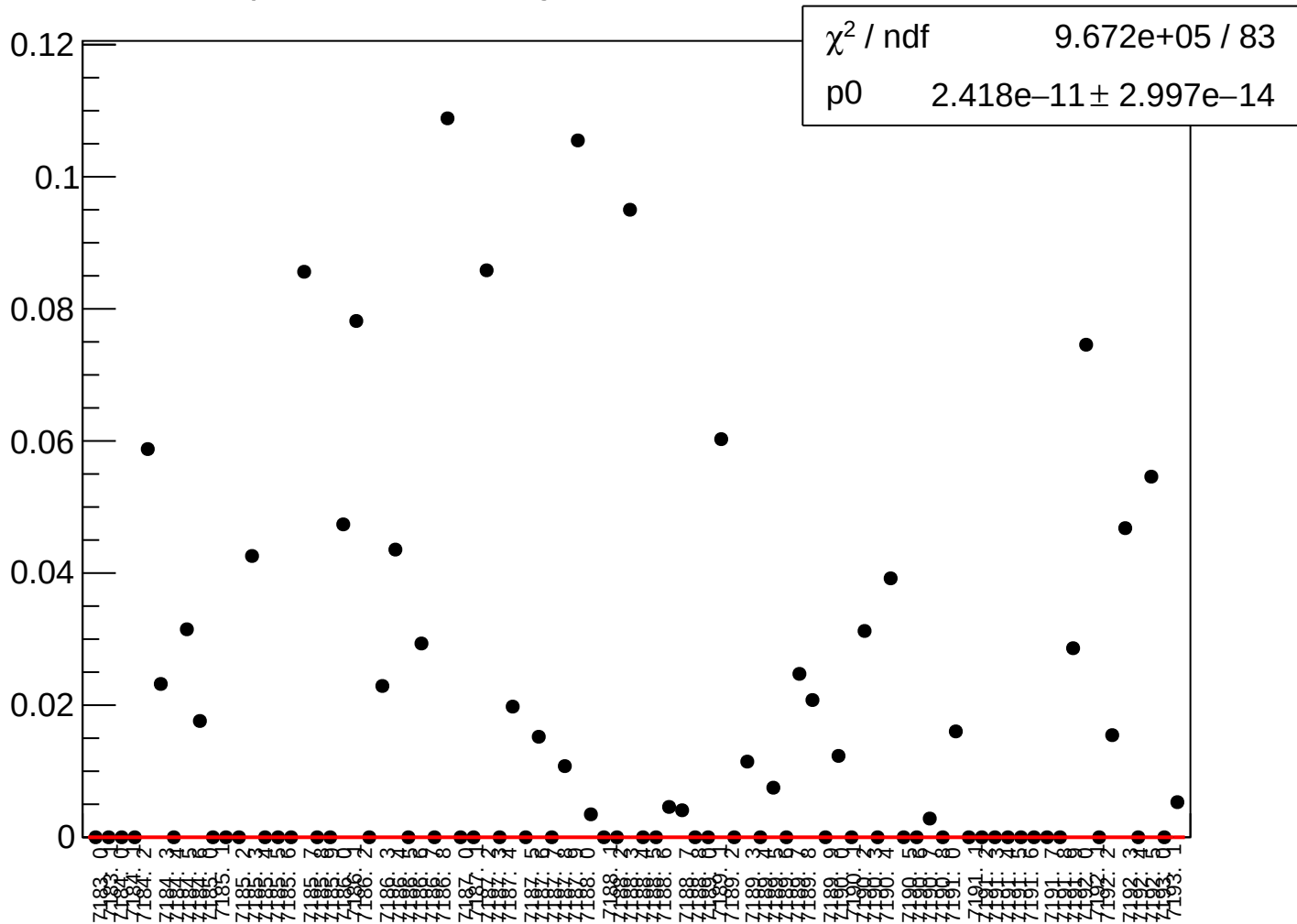
asym_sam6_rms vs run



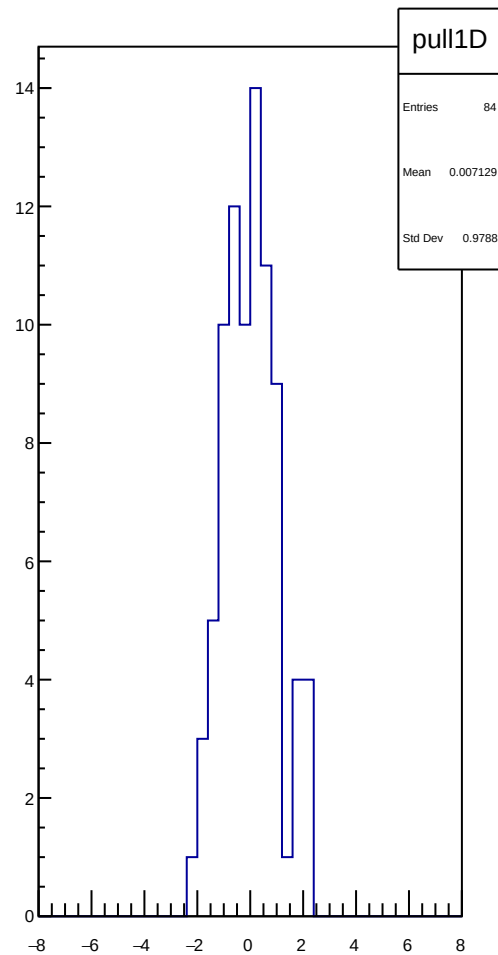
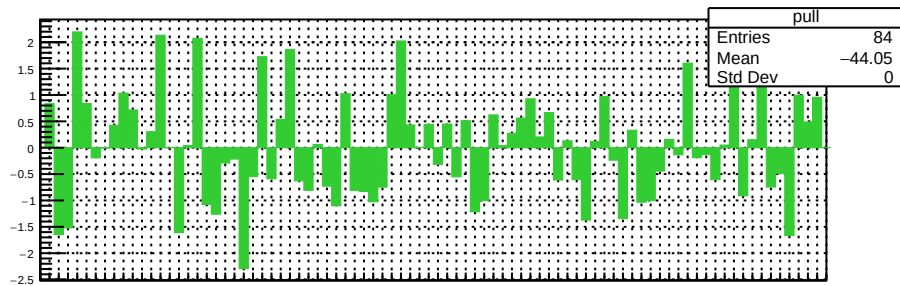
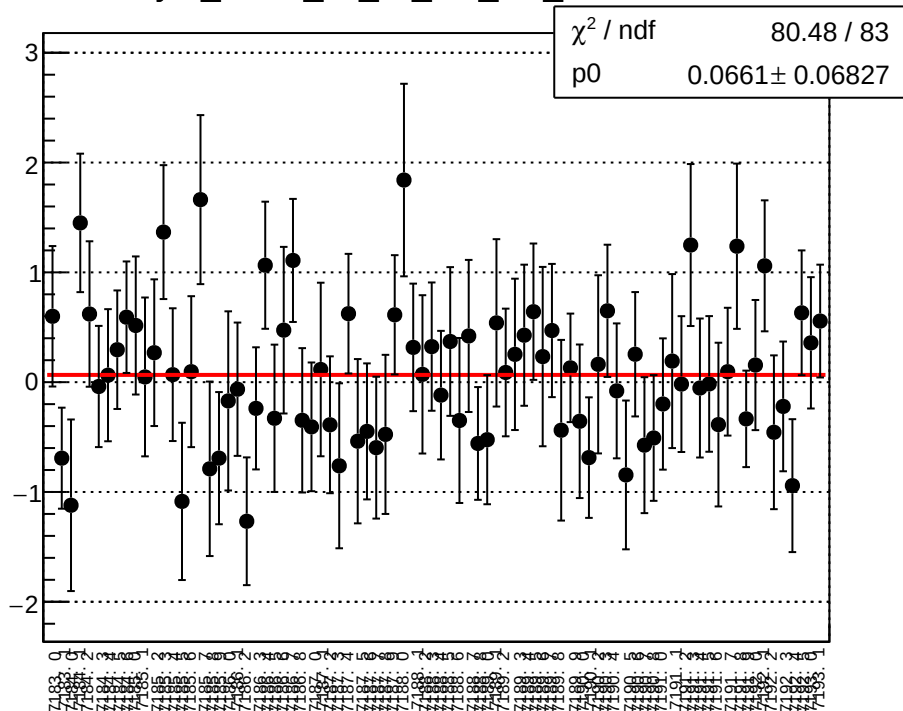
asym_sam6_reg_vs_cor_diff_mean vs run



asym_sam6_reg_vs_cor_diff_rms vs run

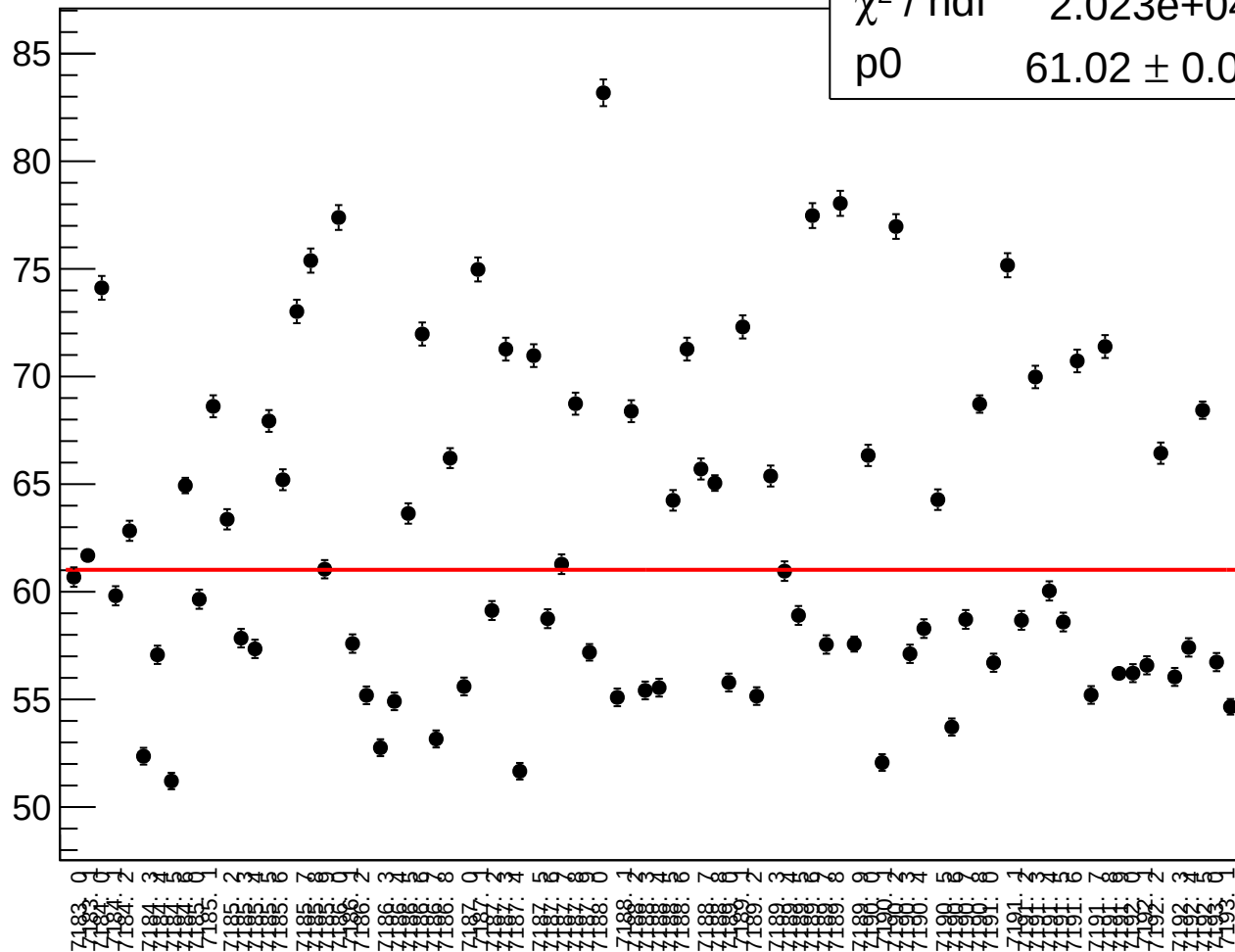


asym_sam6_dit_vs_cor_diff_mean vs run

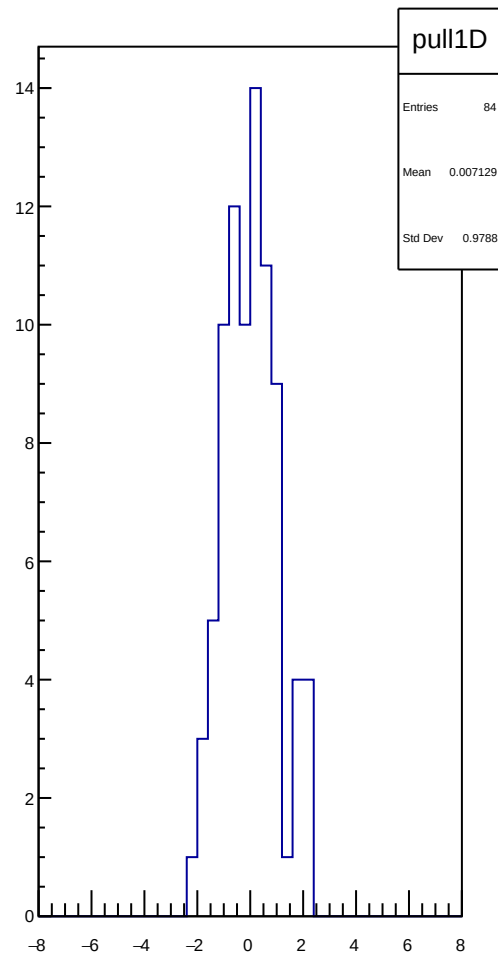
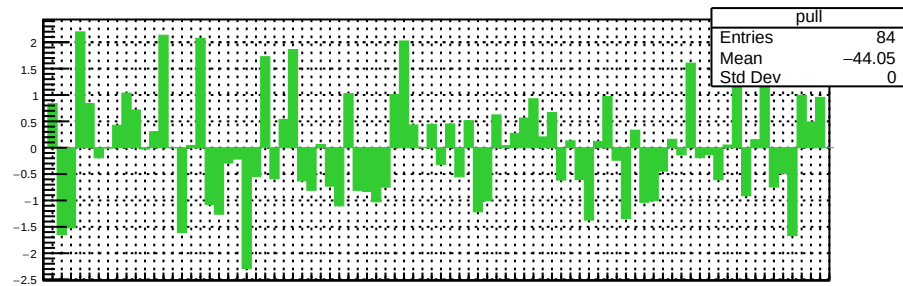
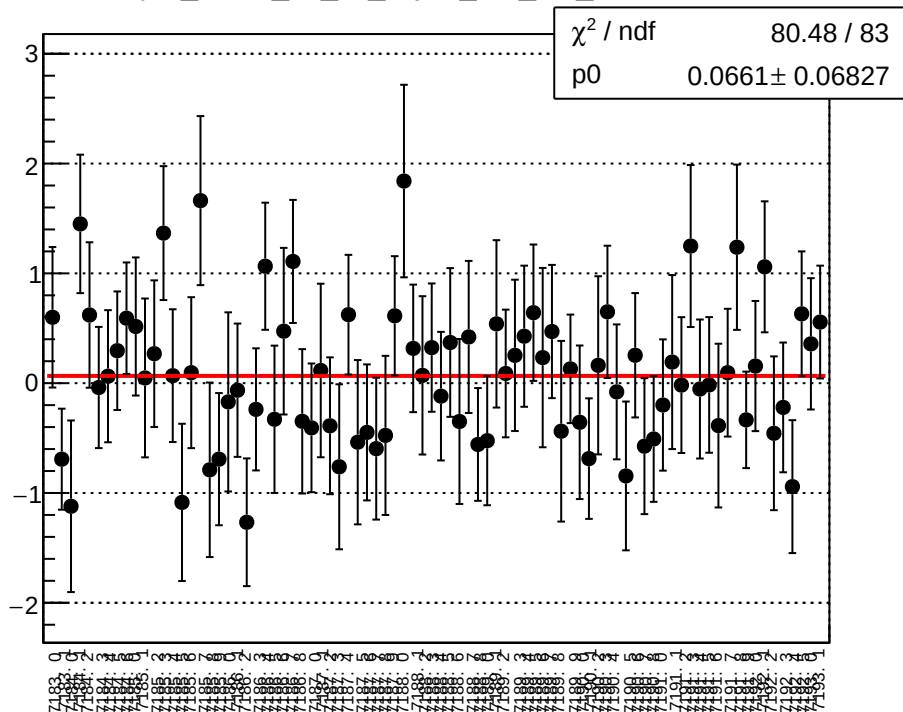


asym_sam6_dit_vs_cor_diff_rms vs run

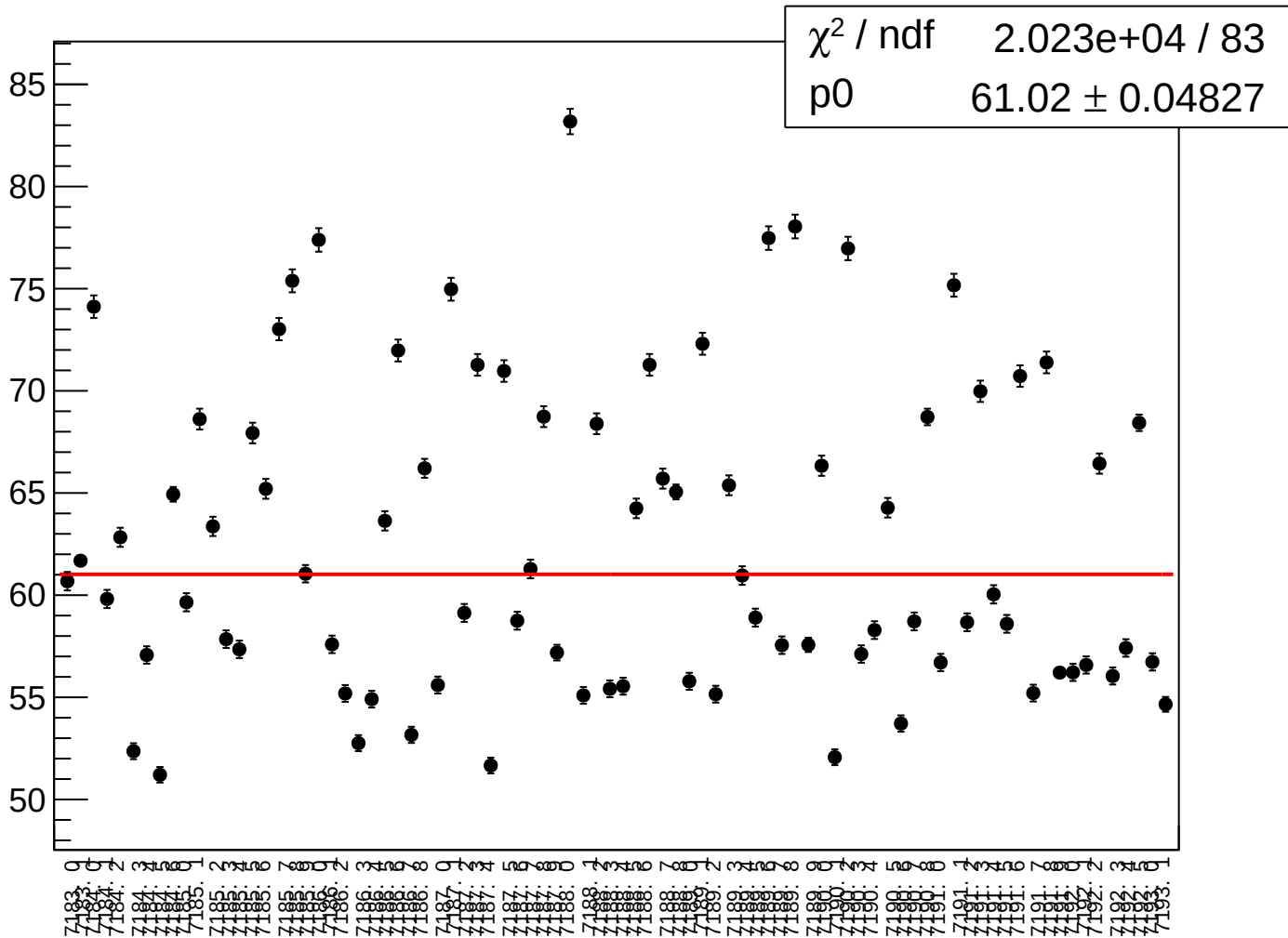
χ^2 / ndf 2.023e+04 / 83
p0 61.02 $\pm$ 0.04827



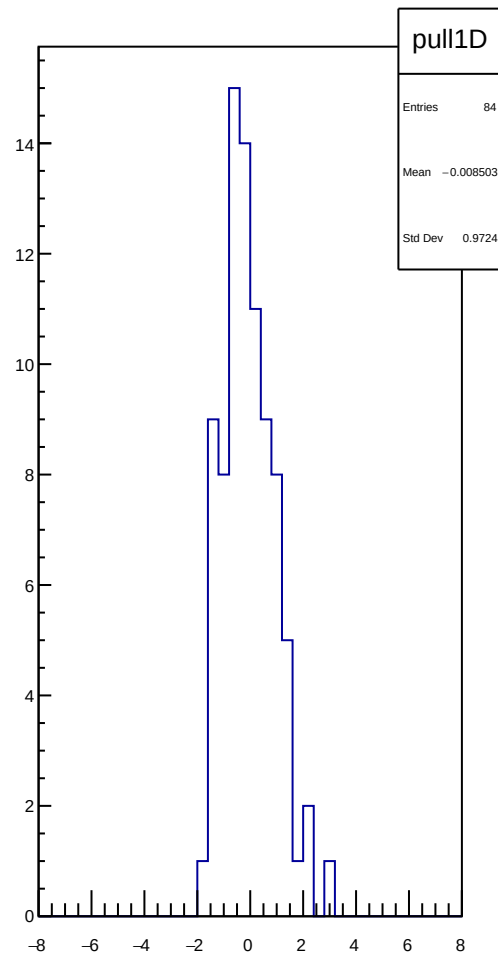
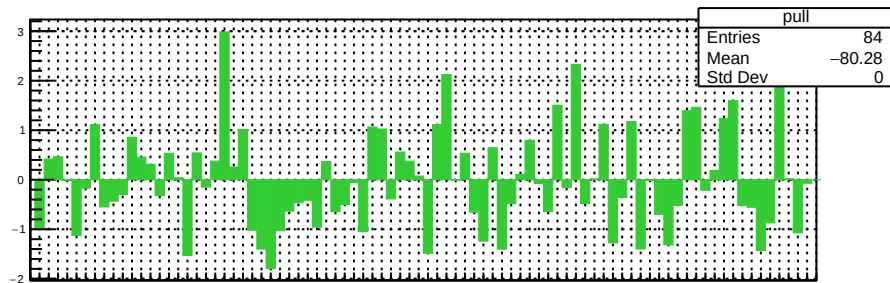
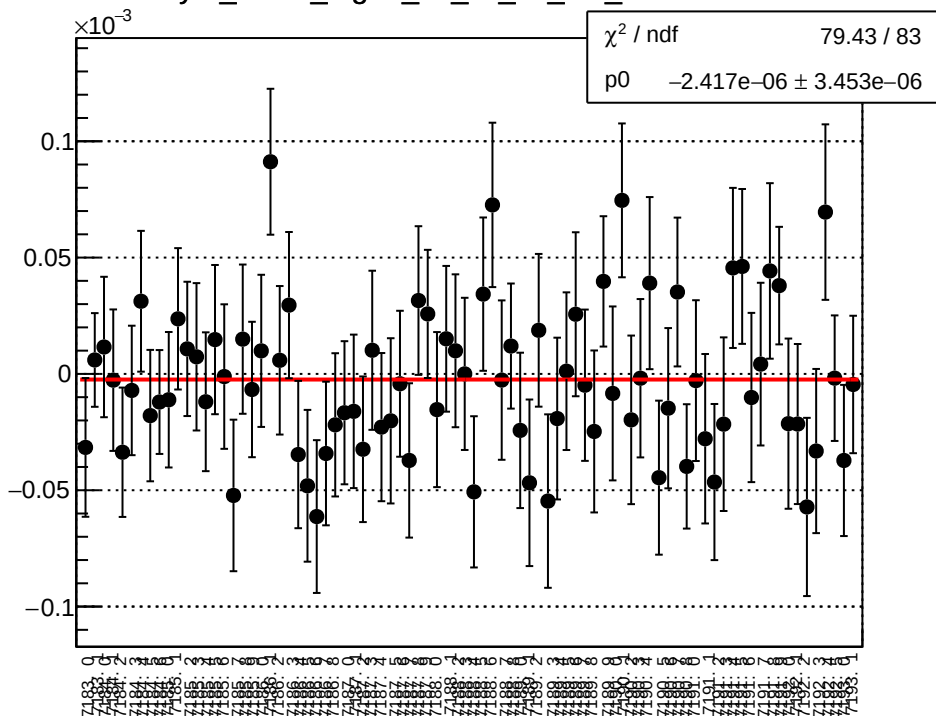
asym_sam6_dit_vs_eigen_cor_diff_mean vs run



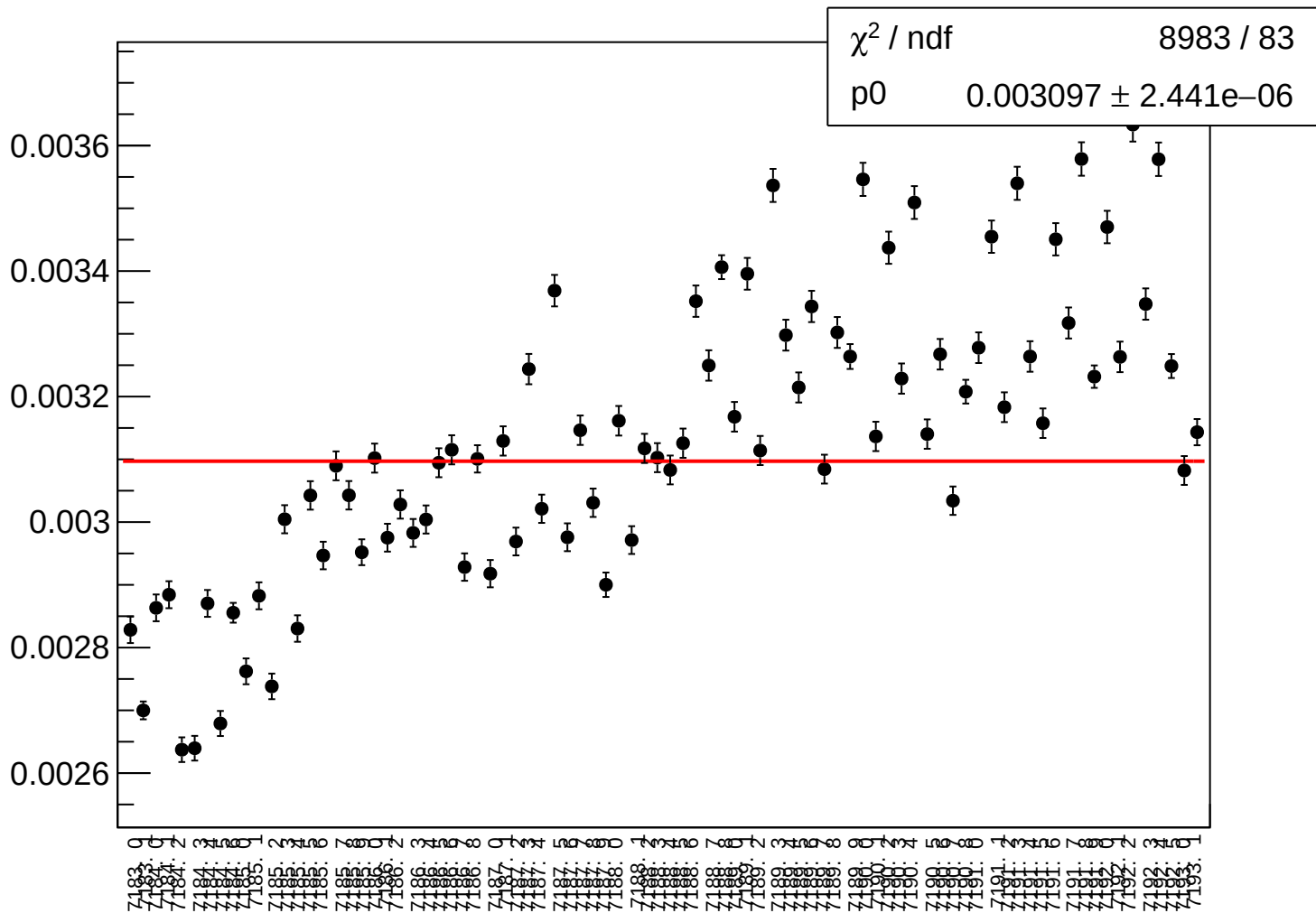
asym_sam6_dit_vs_eigen_cor_diff_rms vs run



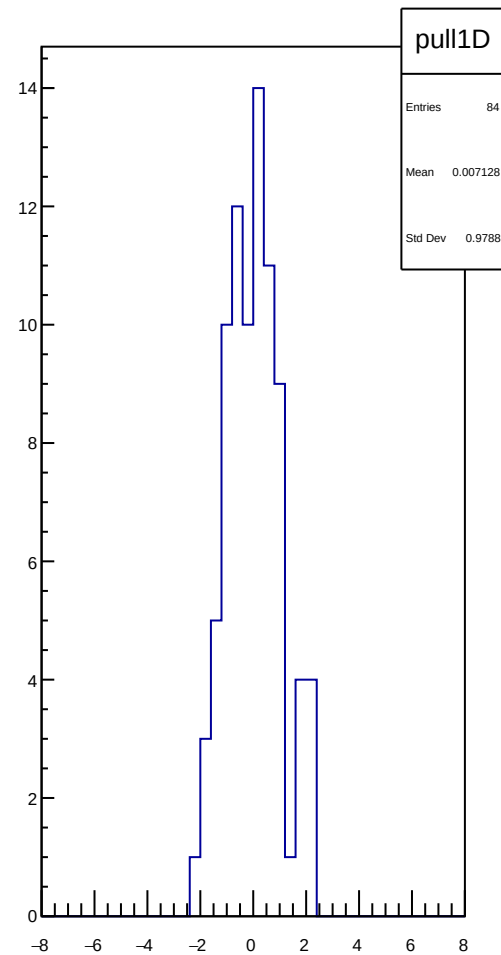
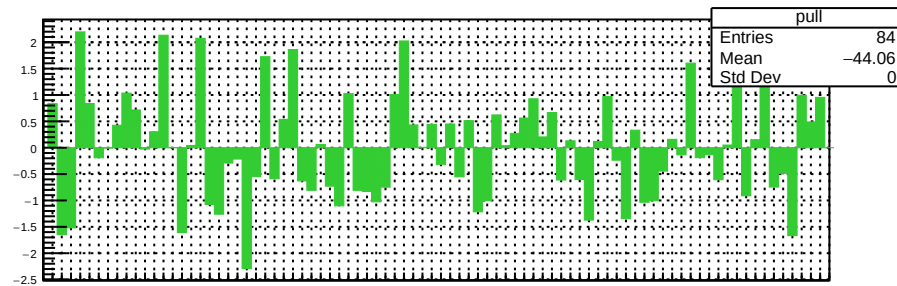
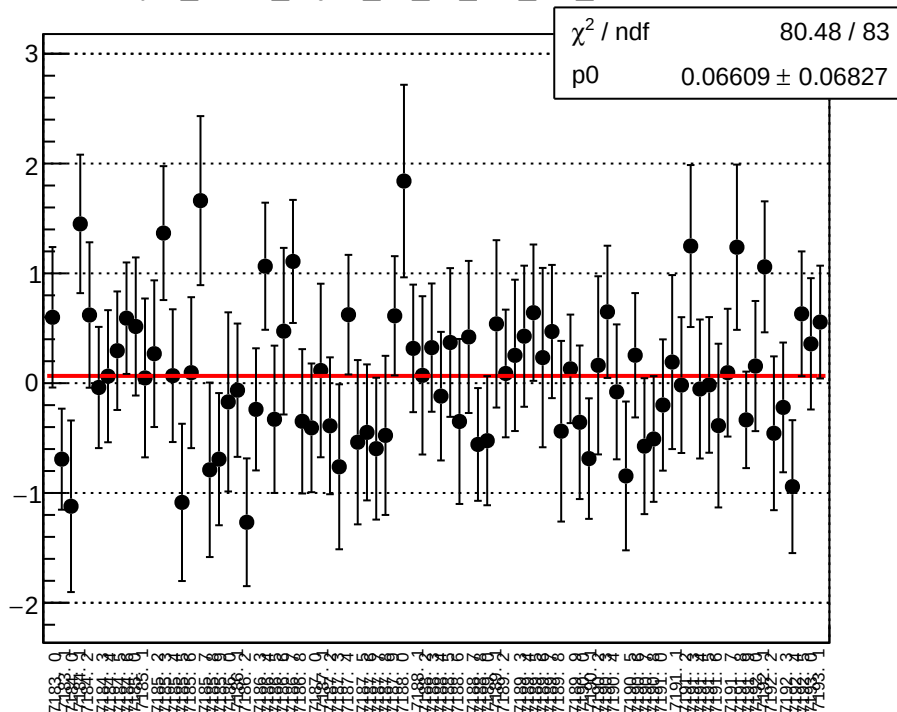
asym_sam6_eigen_dit_vs_dit_diff_mean vs run



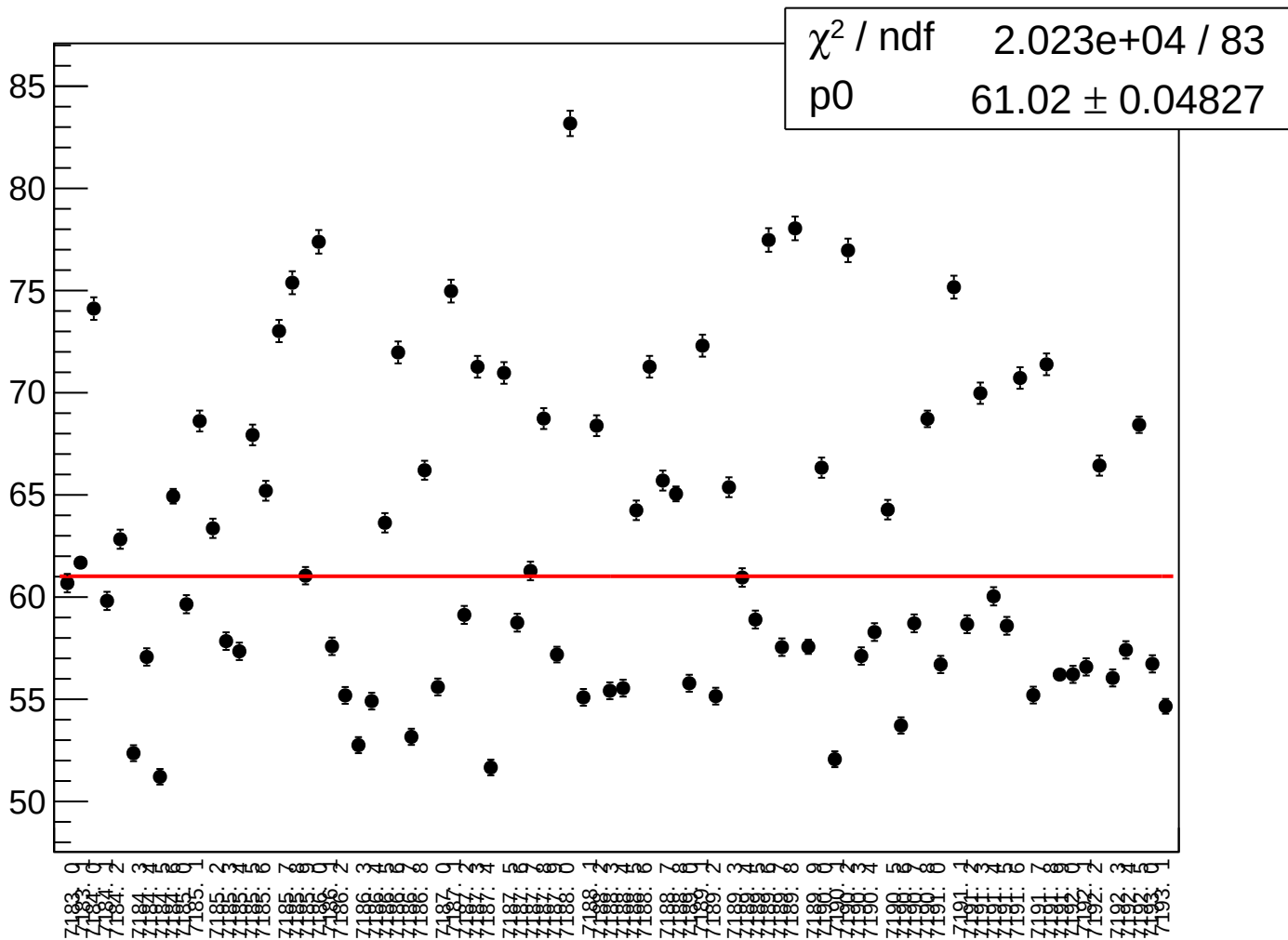
asym_sam6_eigen_dit_vs_dit_diff_rms vs run



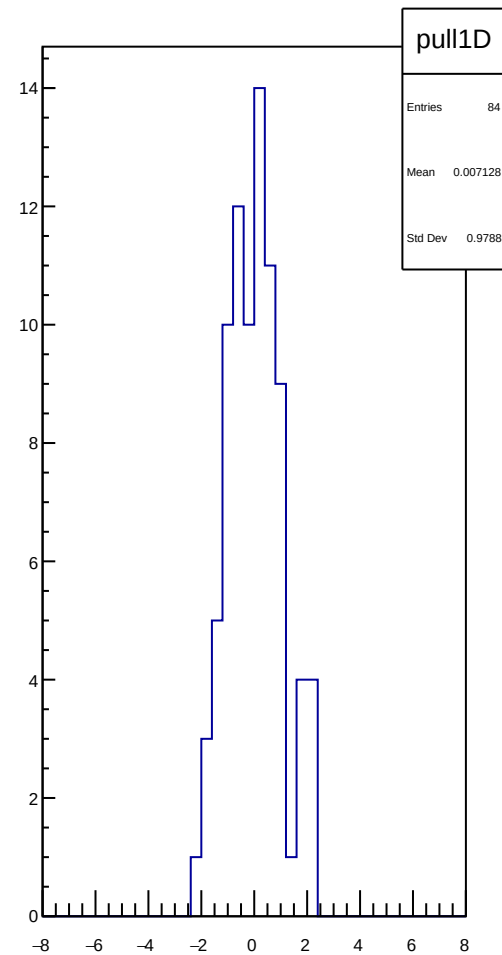
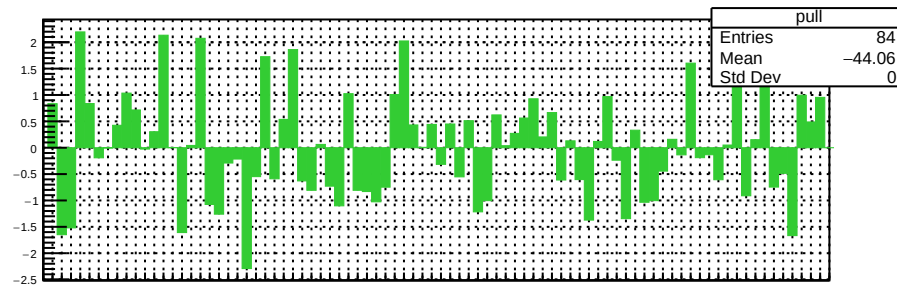
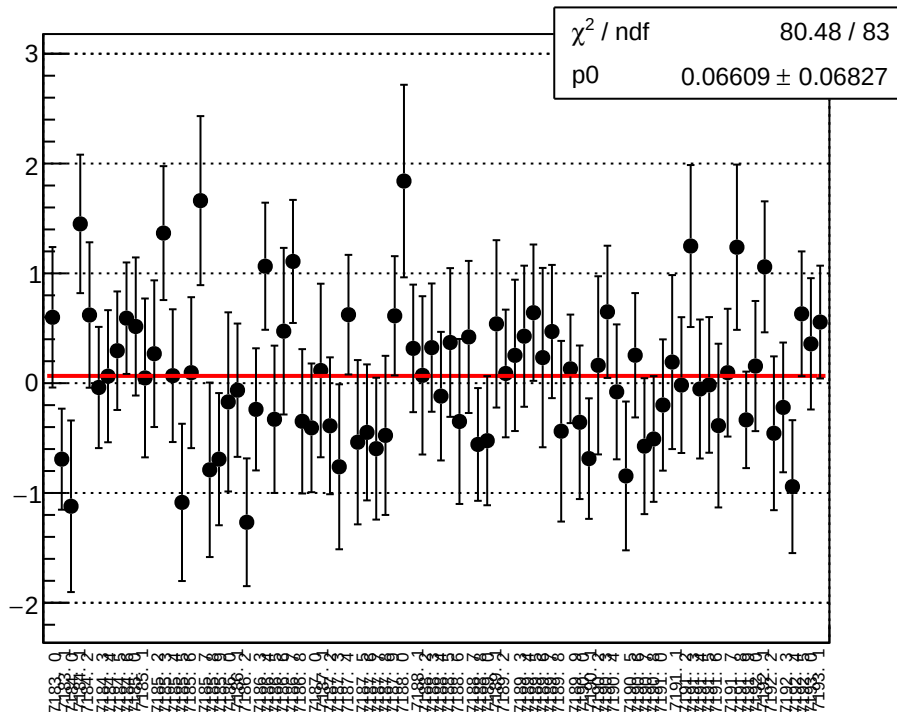
asym_sam6_eigen_dit_vs_cor_diff_mean vs run



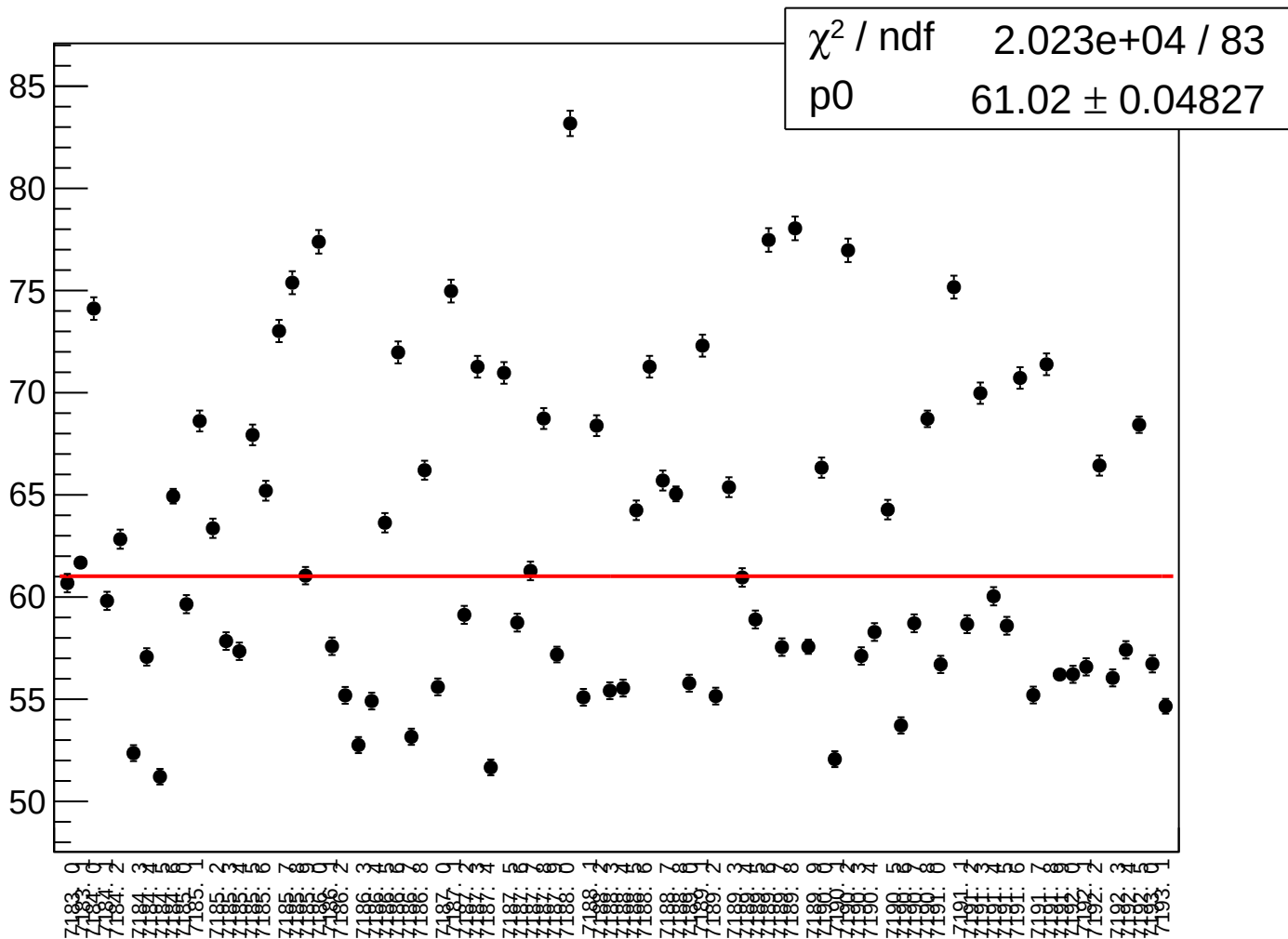
asym_sam6_eigen_dit_vs_cor_diff_rms vs run



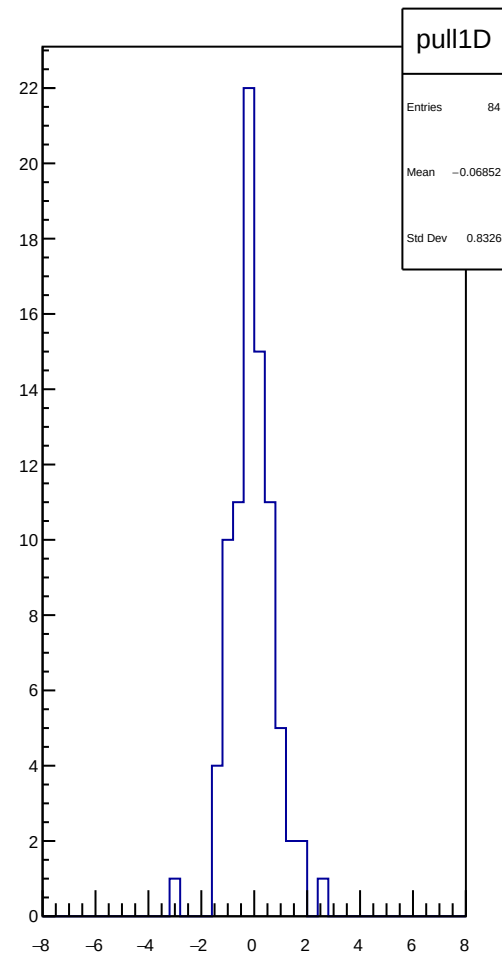
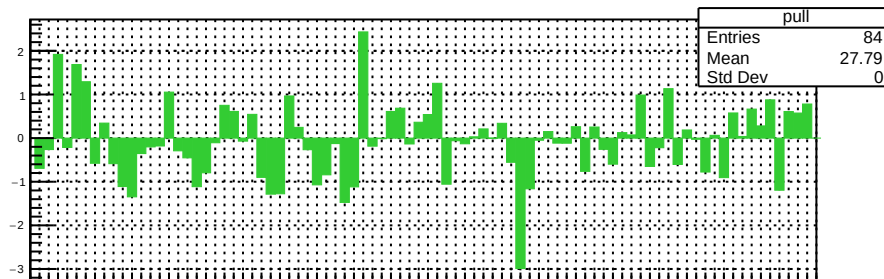
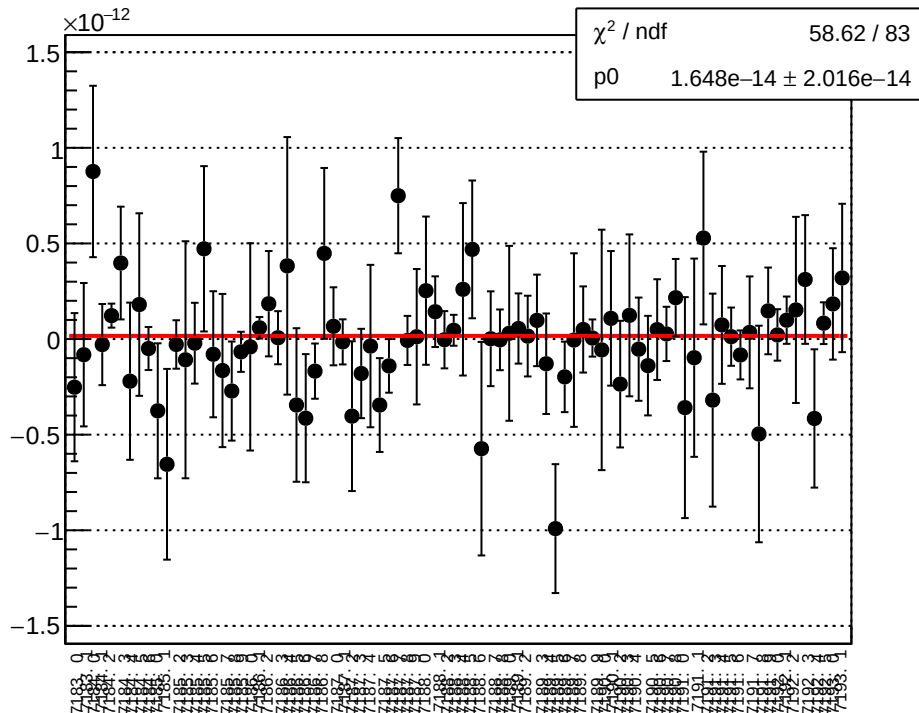
asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs run



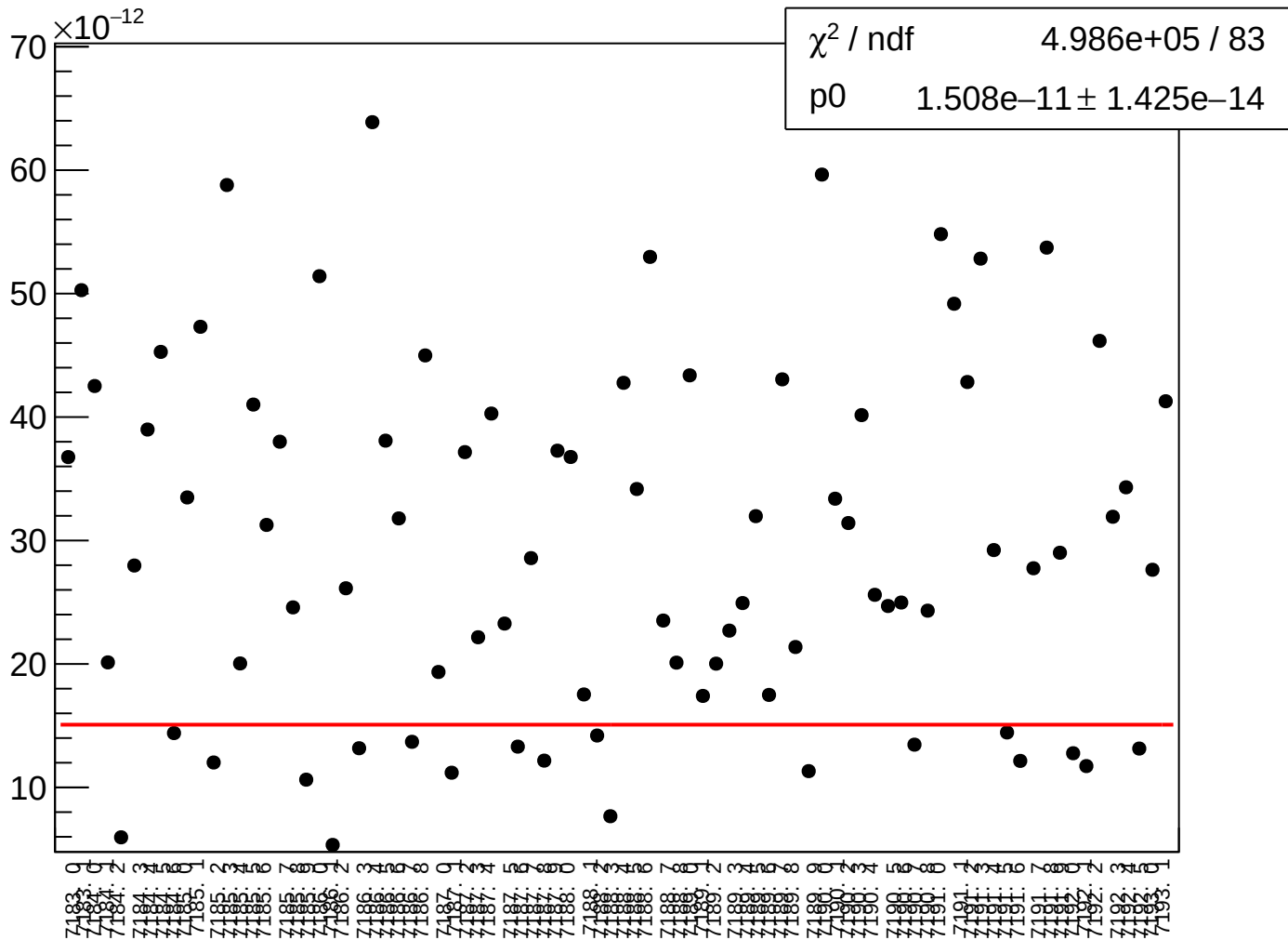
asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs run



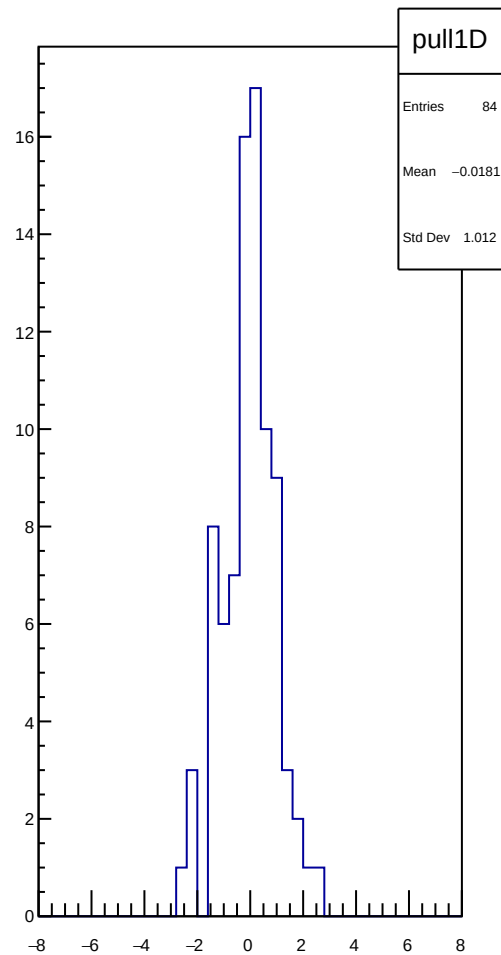
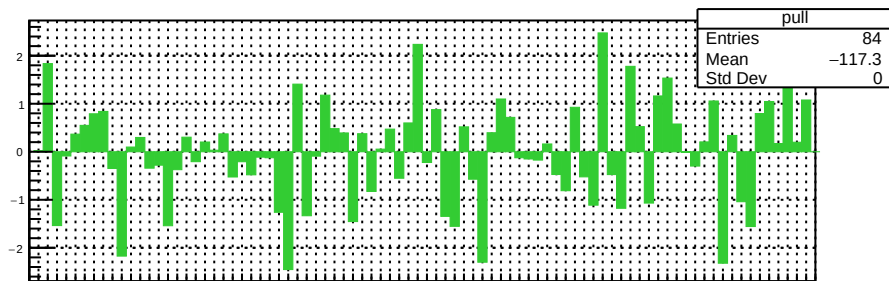
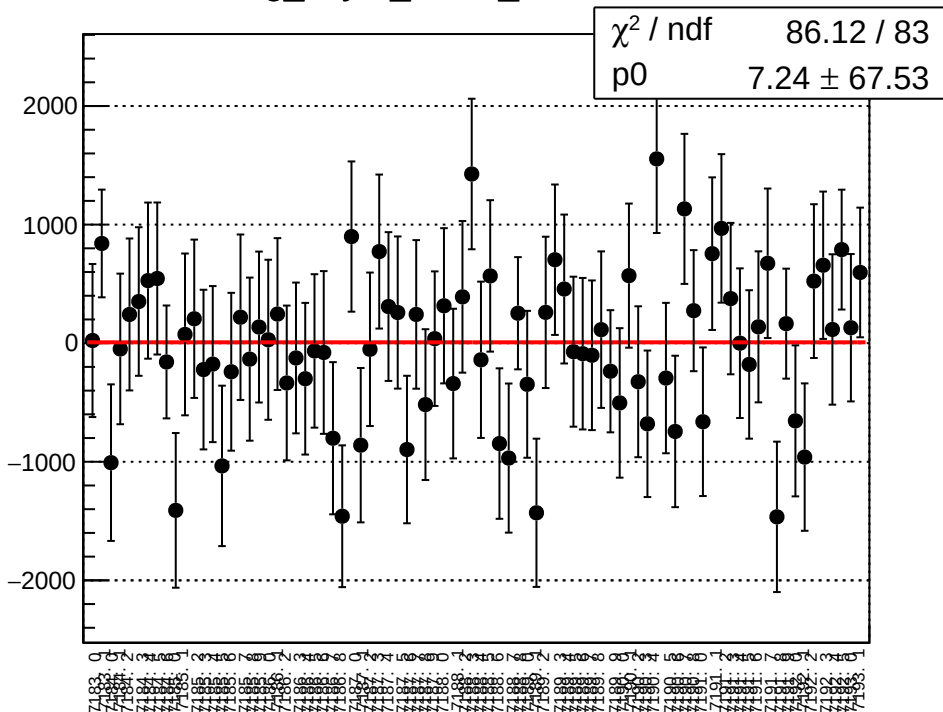
asym_sam6_eigen_cor_vs_cor_diff_mean vs run



asym_sam6_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam7_mean vs run



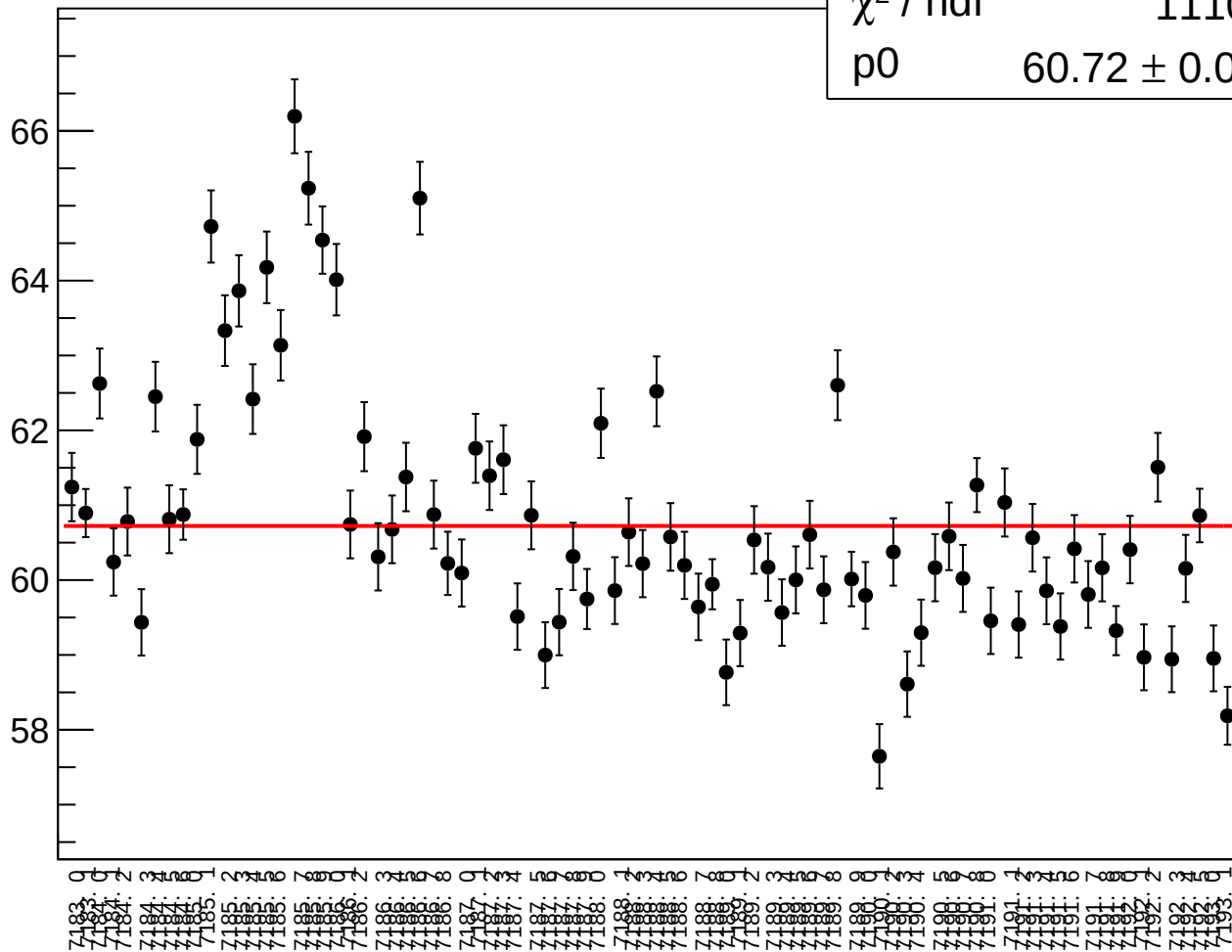
reg_asym_sam7_rms vs run

χ^2 / ndf

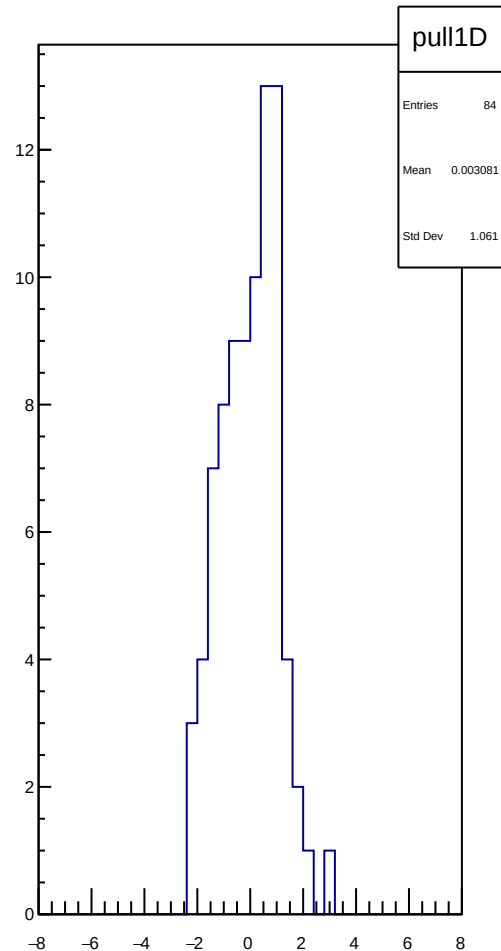
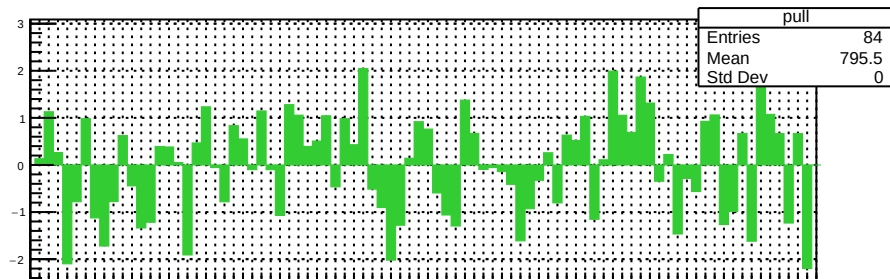
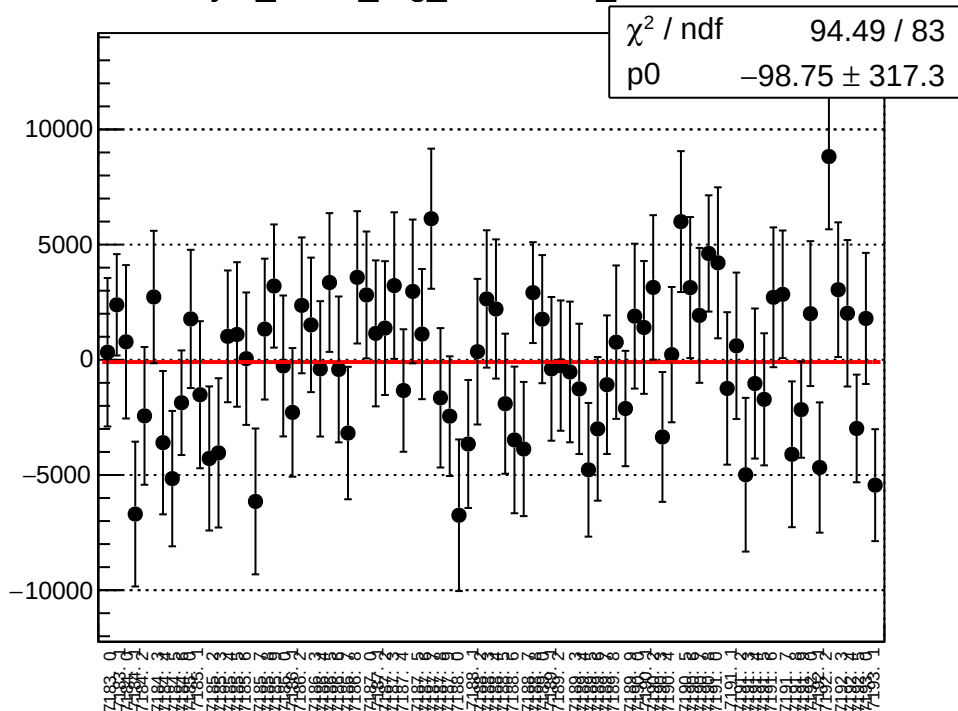
1110 / 83

p0

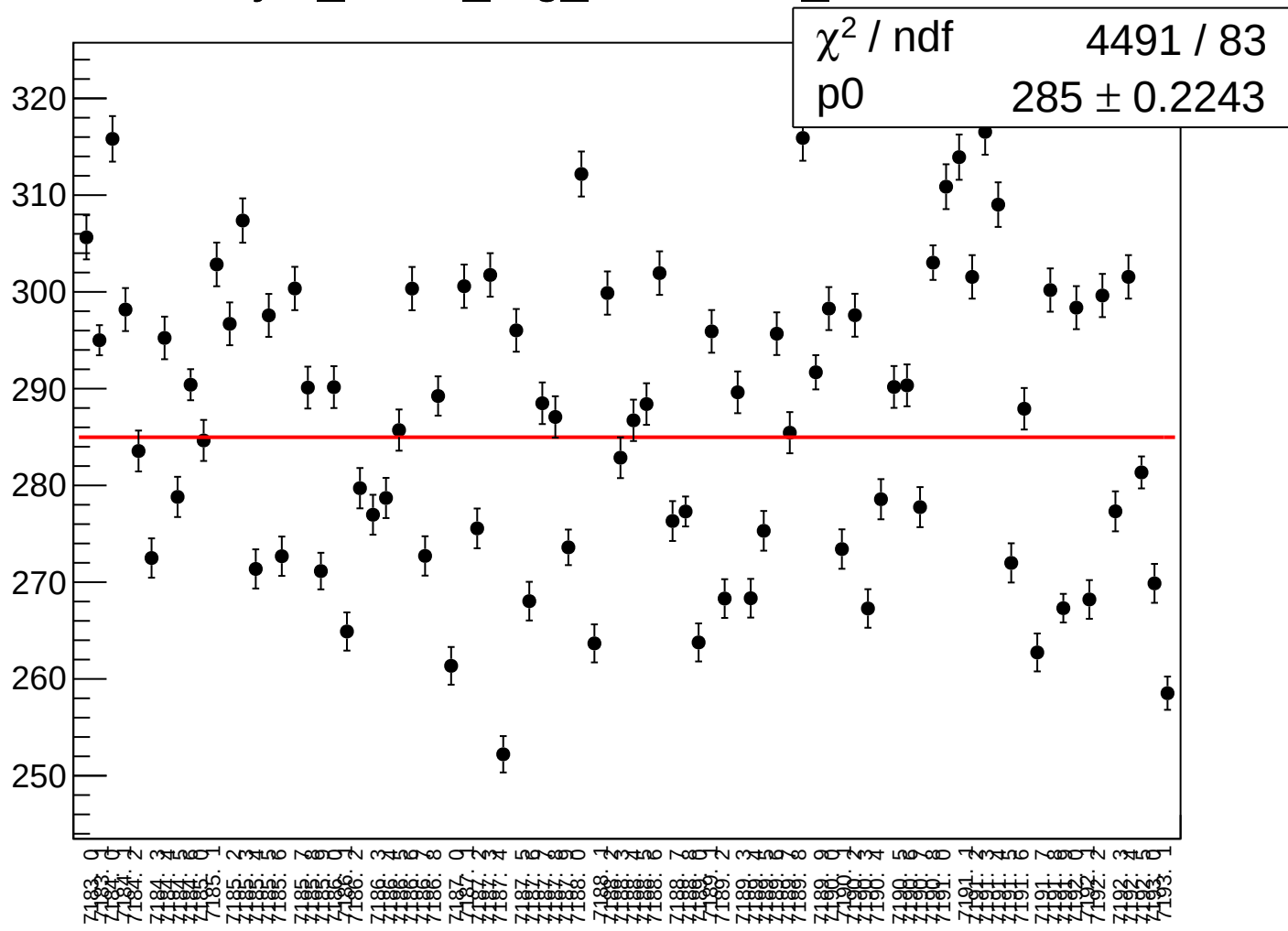
60.72 ± 0.04775



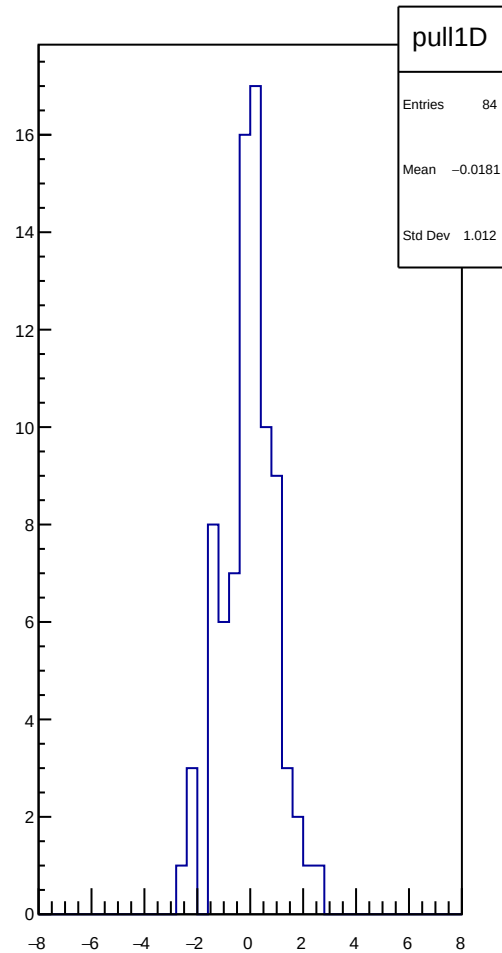
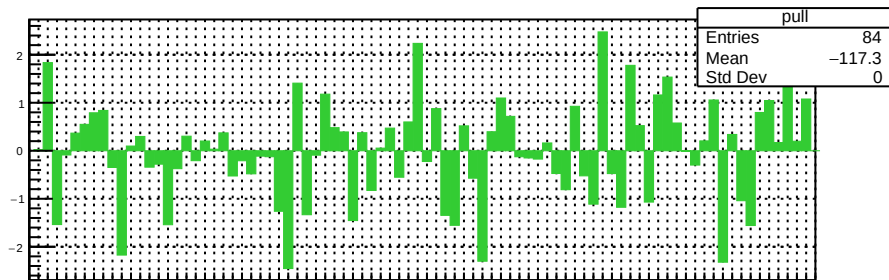
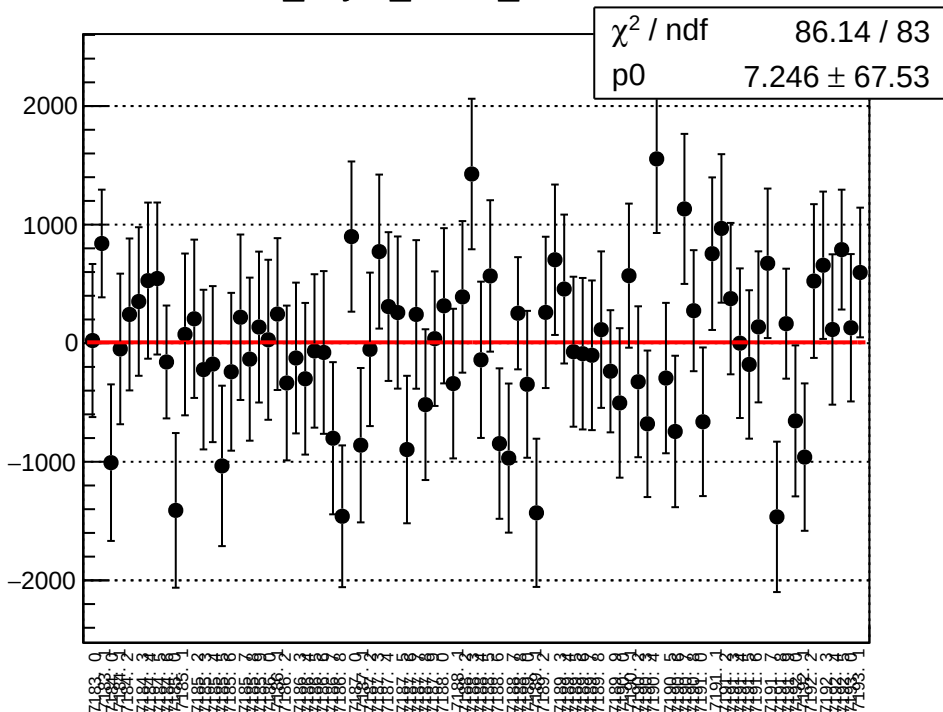
asym_sam7_reg_correction_mean vs run



asym_sam7_reg_correction_rms vs run

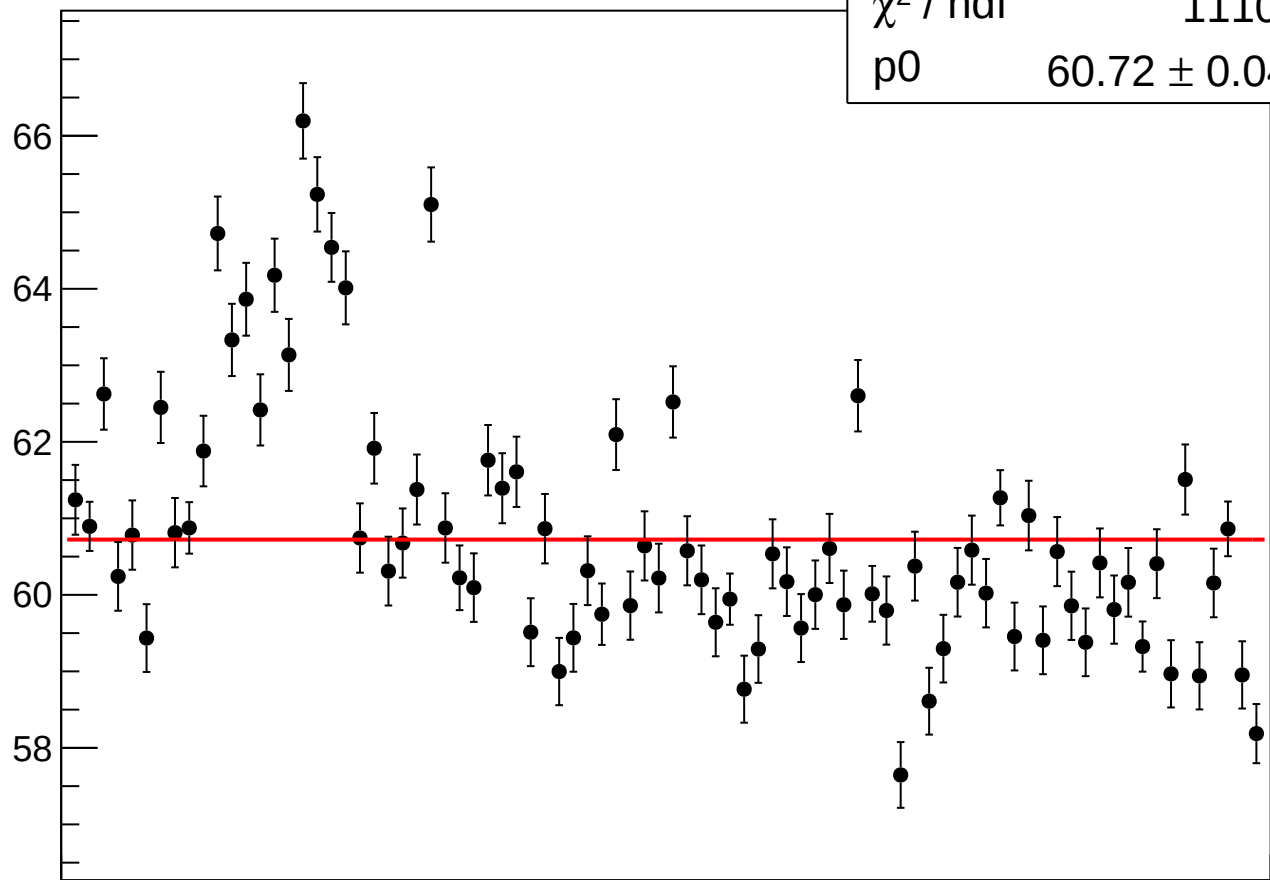


cor_asym_sam7_mean vs run



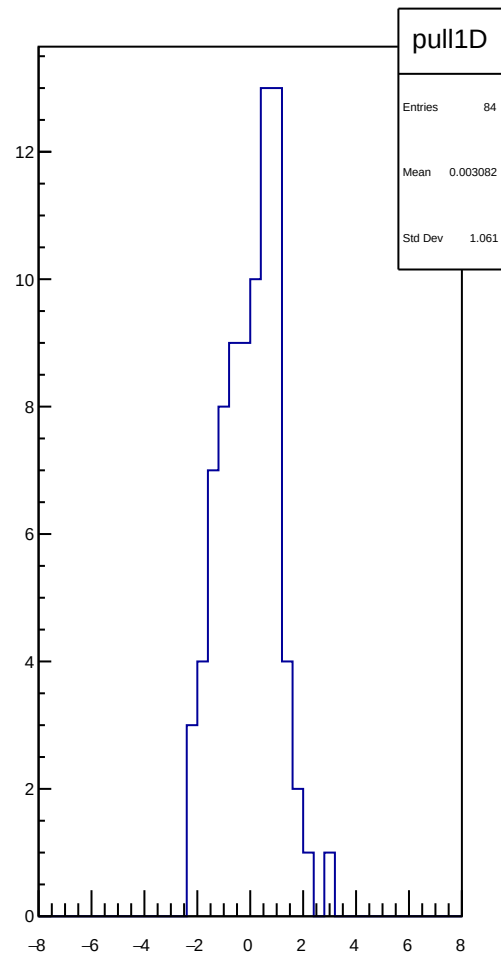
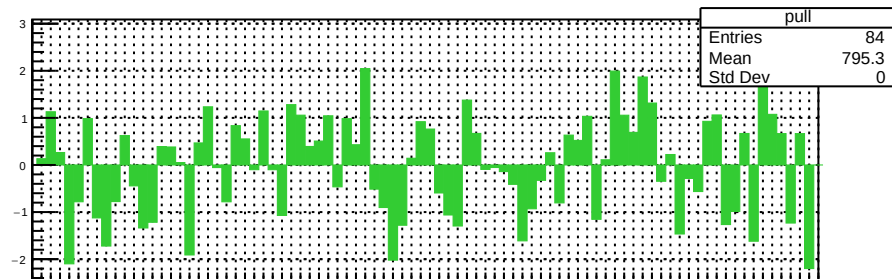
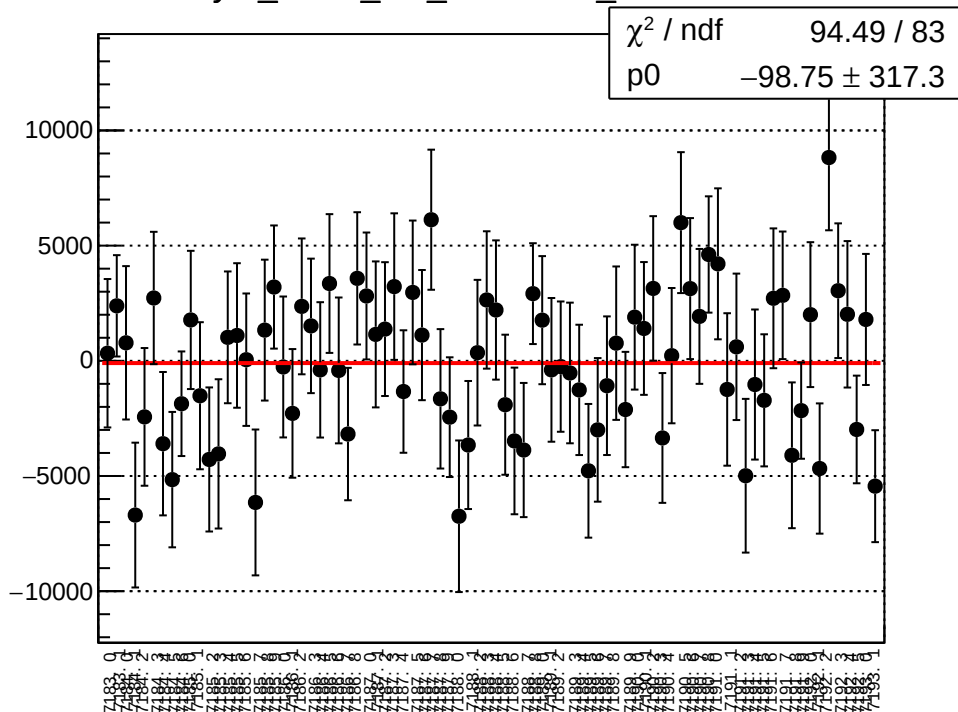
cor_asym_sam7_rms vs run

χ^2 / ndf 1110 / 83
p0 60.72 $\pm$ 0.04775

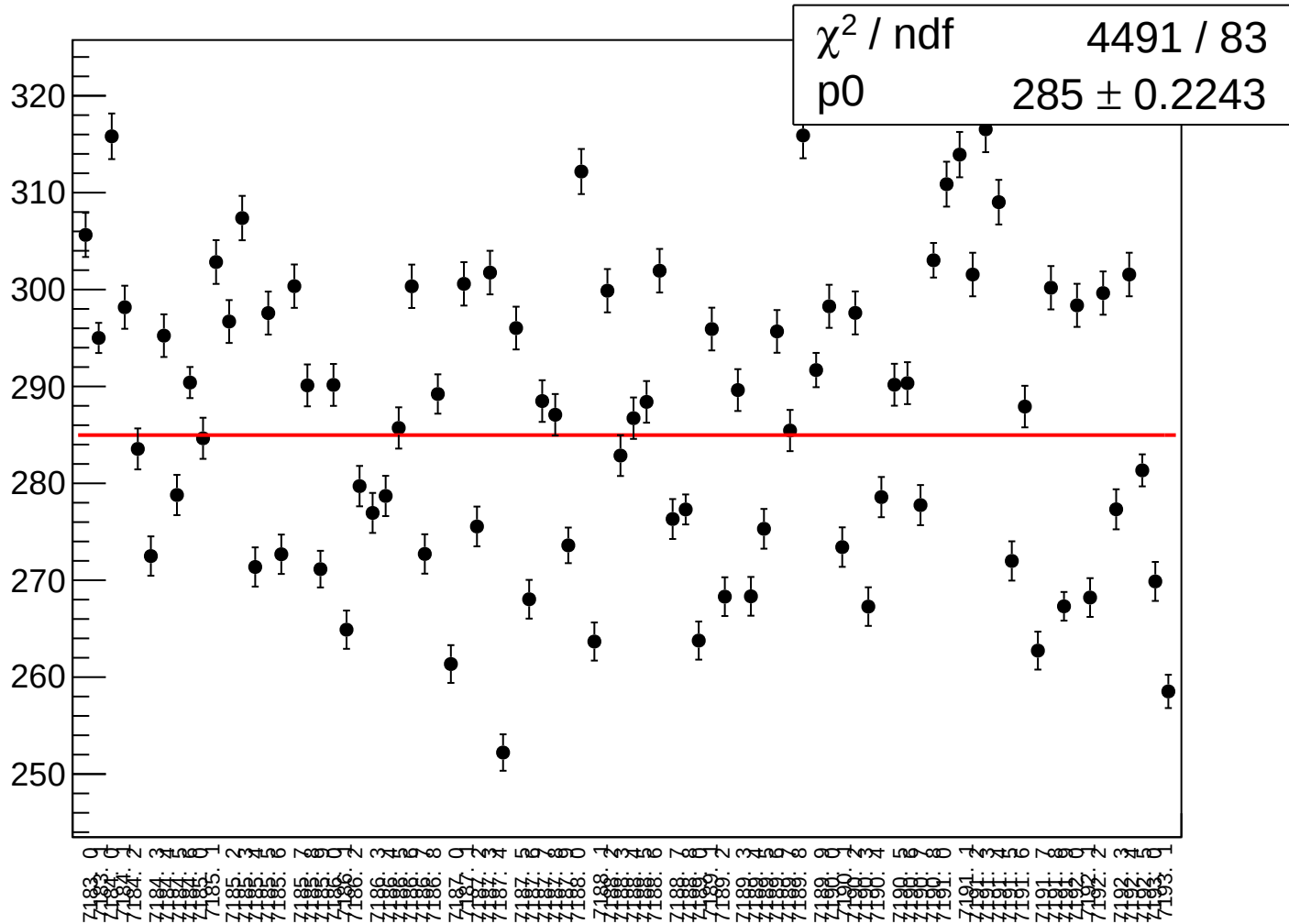


run 74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193
cor_asym_sam7_rms 61.3 60.8 60.7 60.9 60.6 60.5 60.4 60.3 60.2 60.1 60.0
p0 60.72
 χ^2 / ndf 1110 / 83

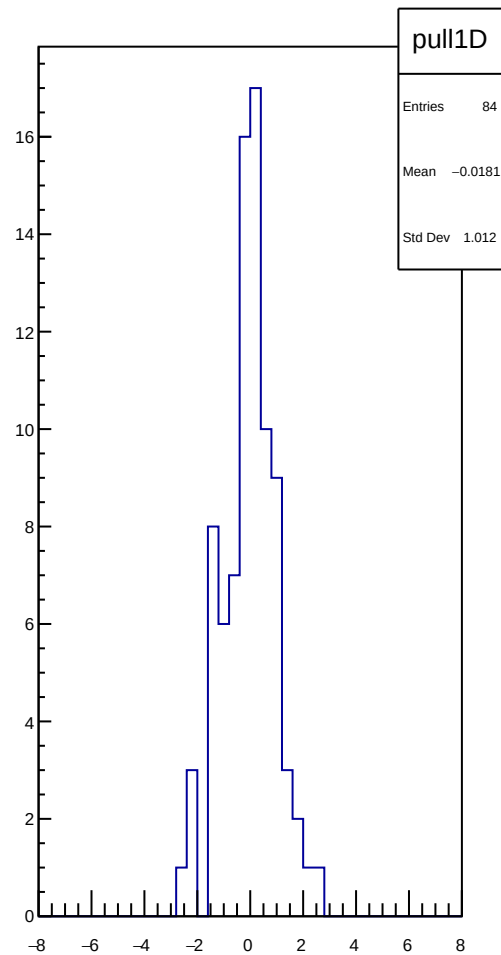
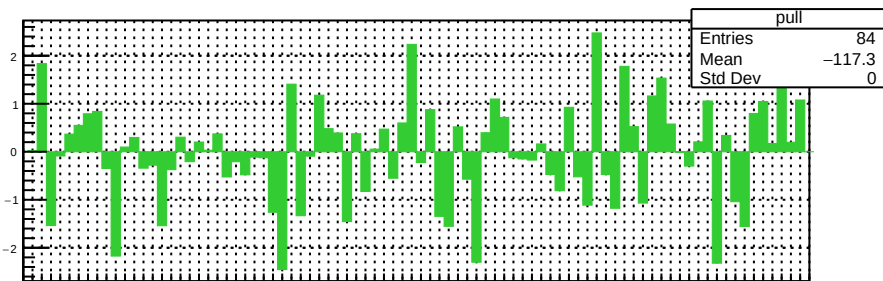
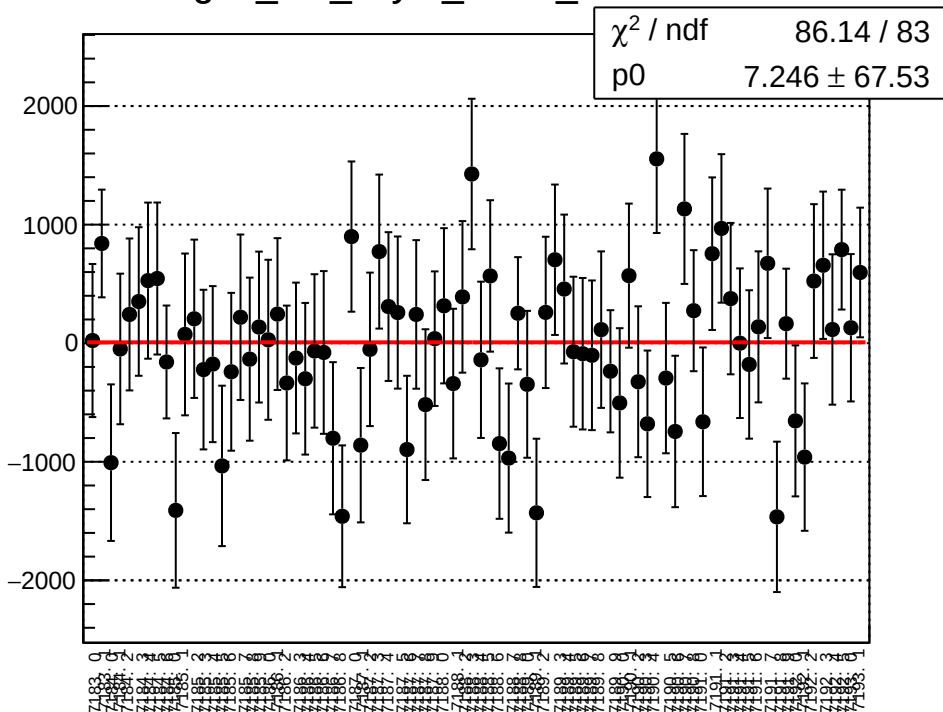
asym_sam7_cor_correction_mean vs run



asym_sam7_cor_correction_rms vs run



eigen_cor_asym_sam7_mean vs run



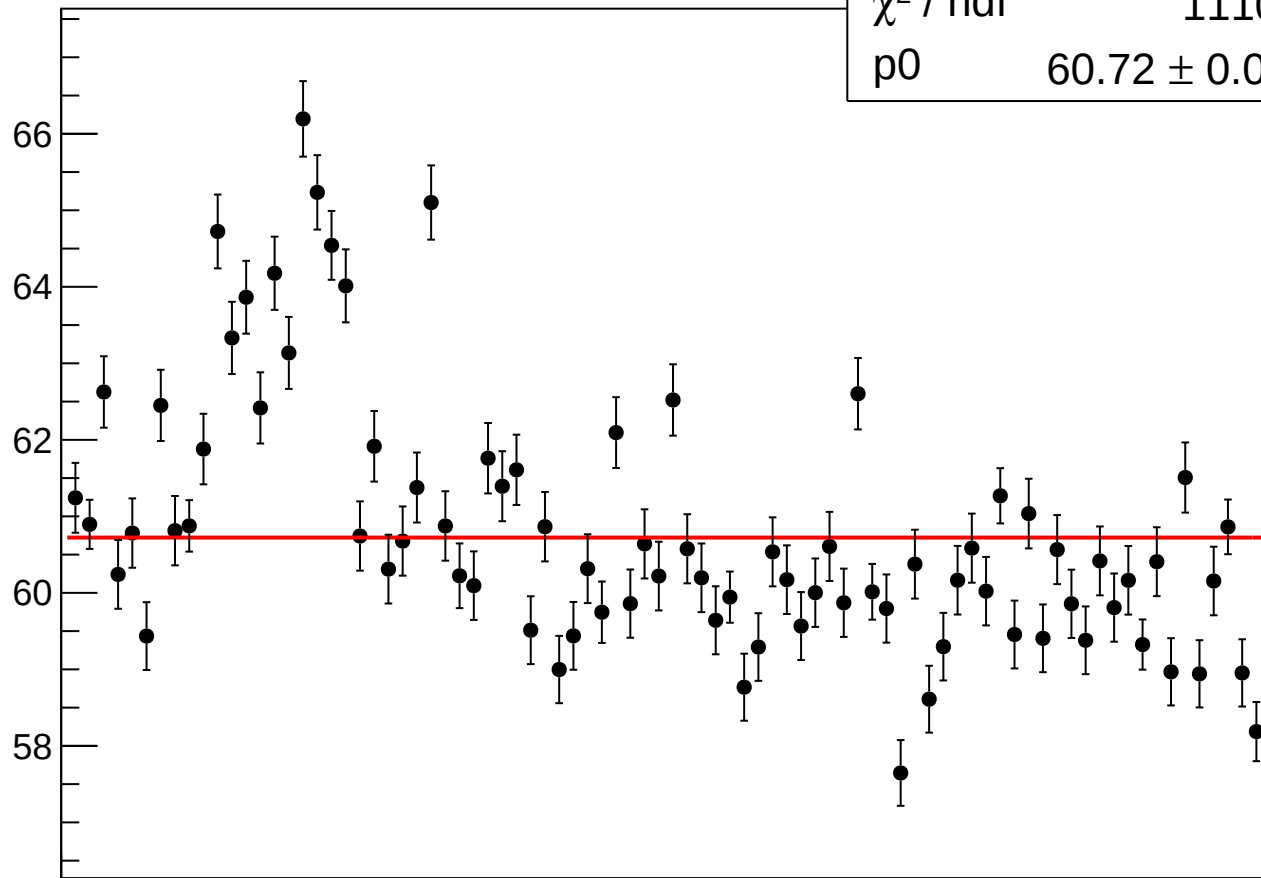
eigen_cor_asym_sam7_rms vs run

χ^2 / ndf

1110 / 83

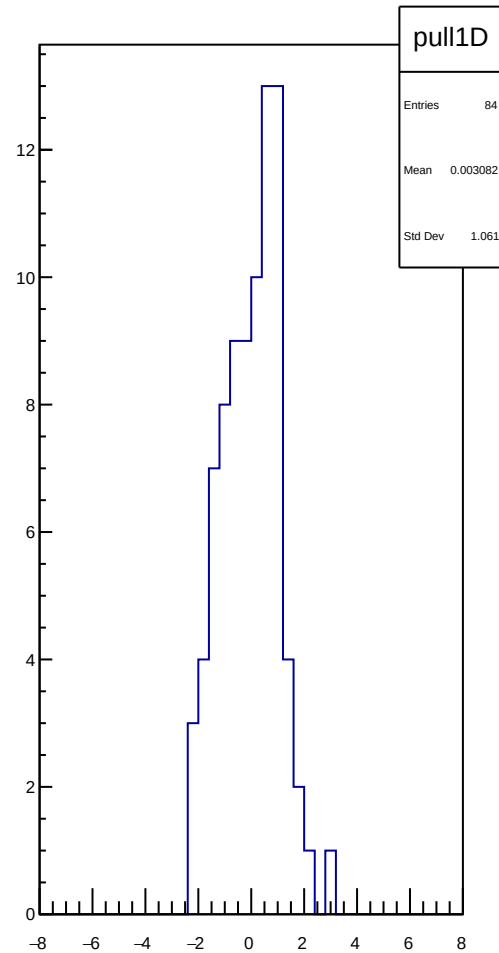
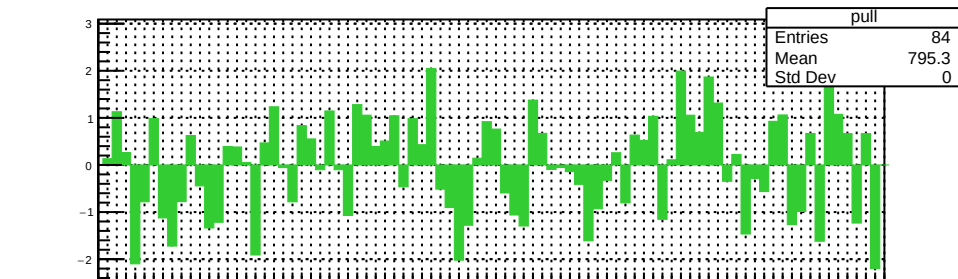
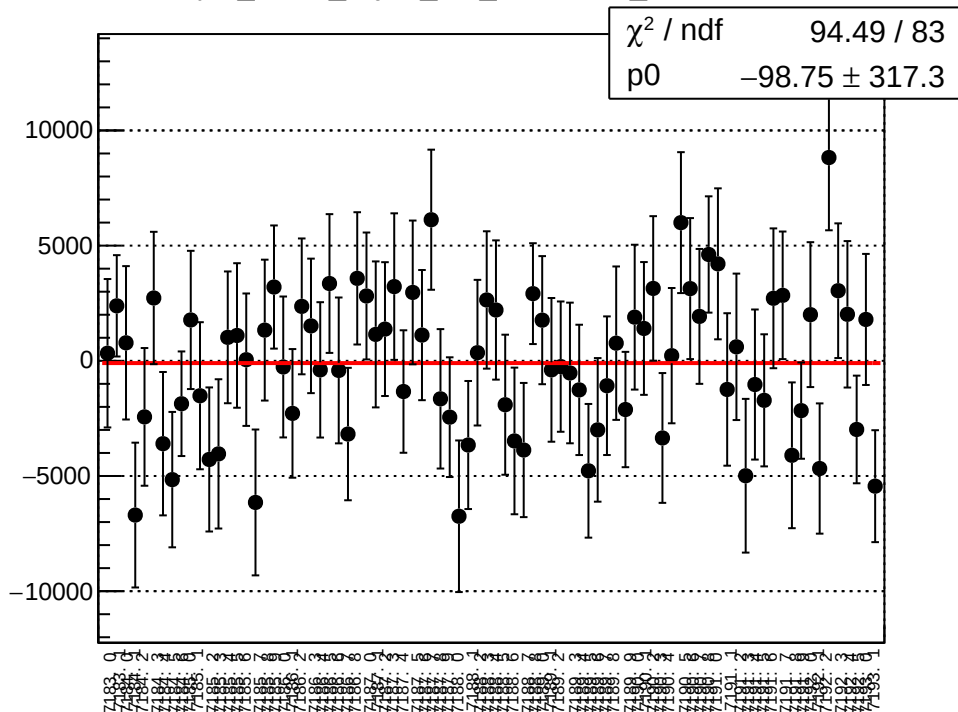
p0

60.72 ± 0.04775

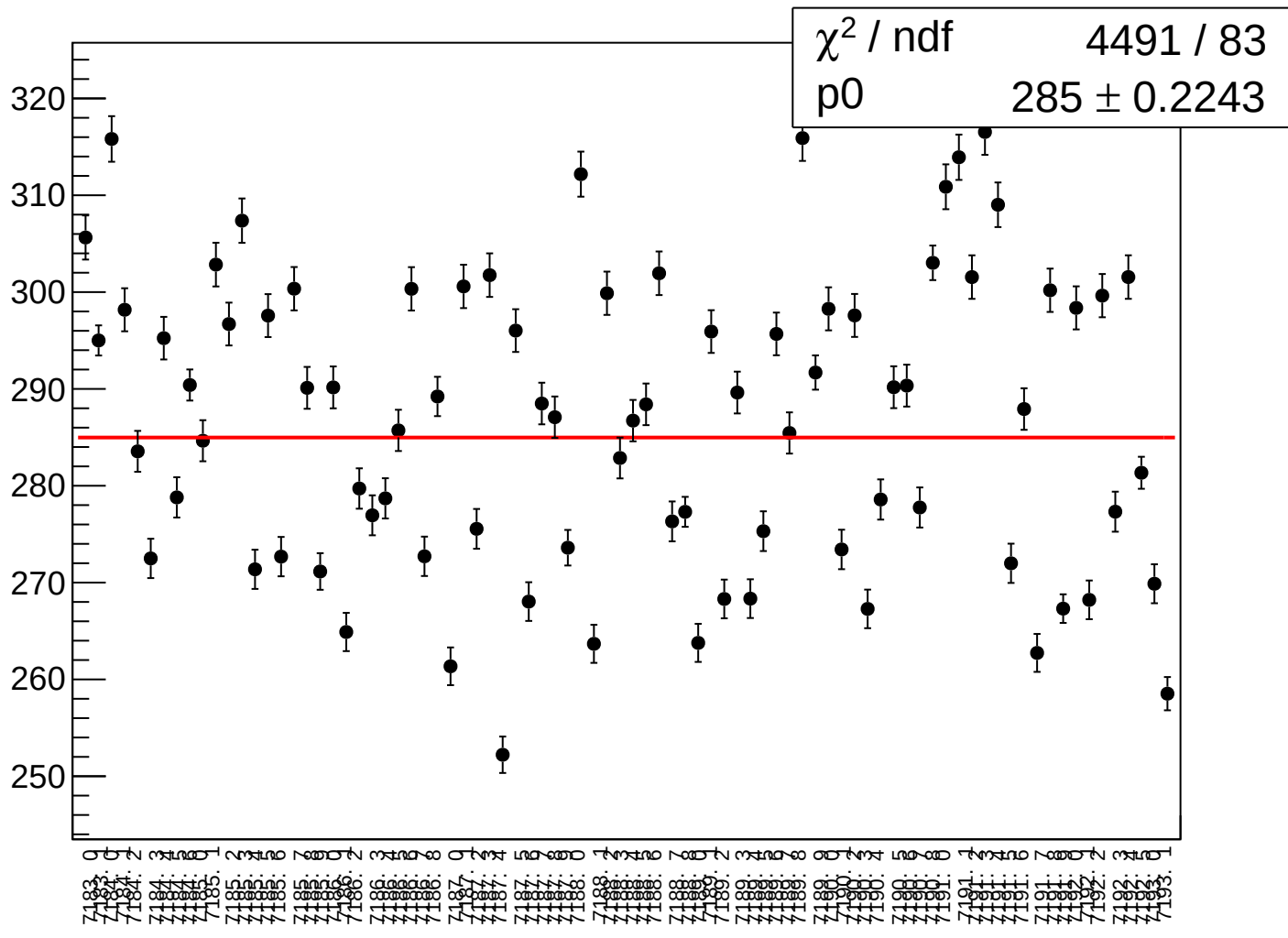


run 74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

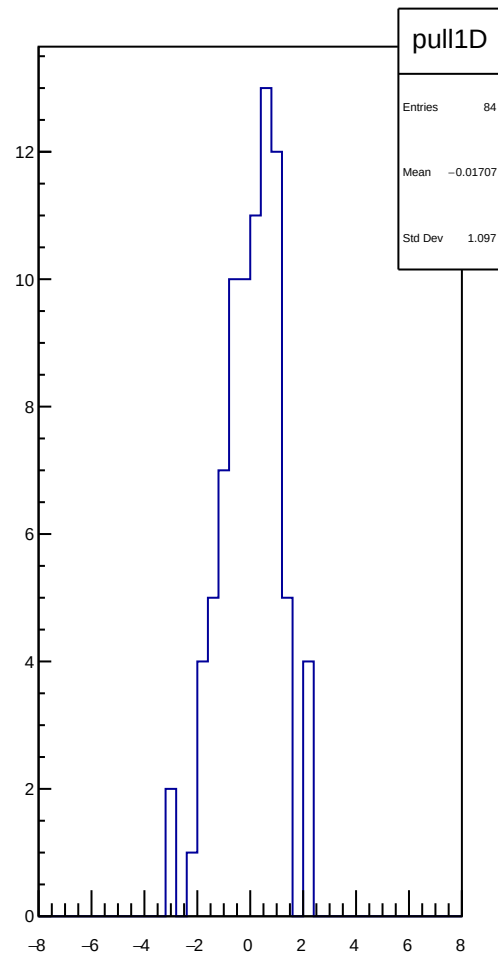
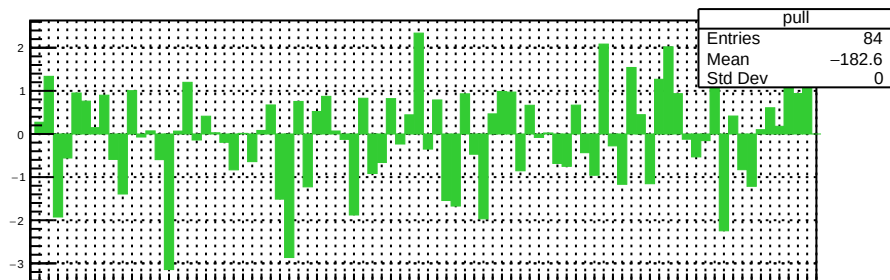
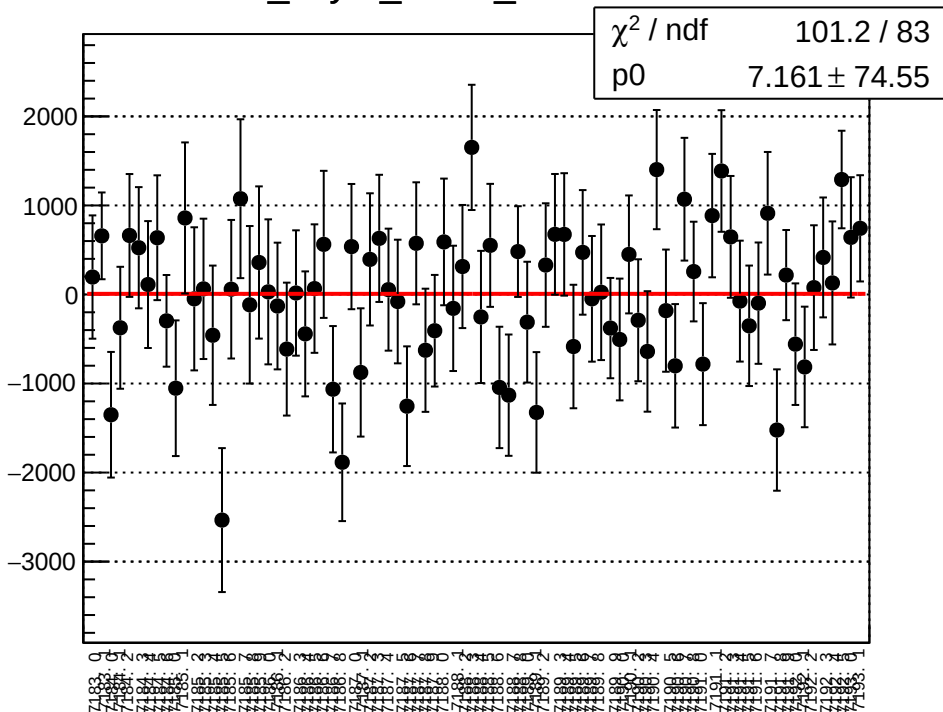
asym_sam7_eigen_cor_correction_mean vs run



asym_sam7_eigen_cor_correction_rms vs run



dit_asym_sam7_mean vs run



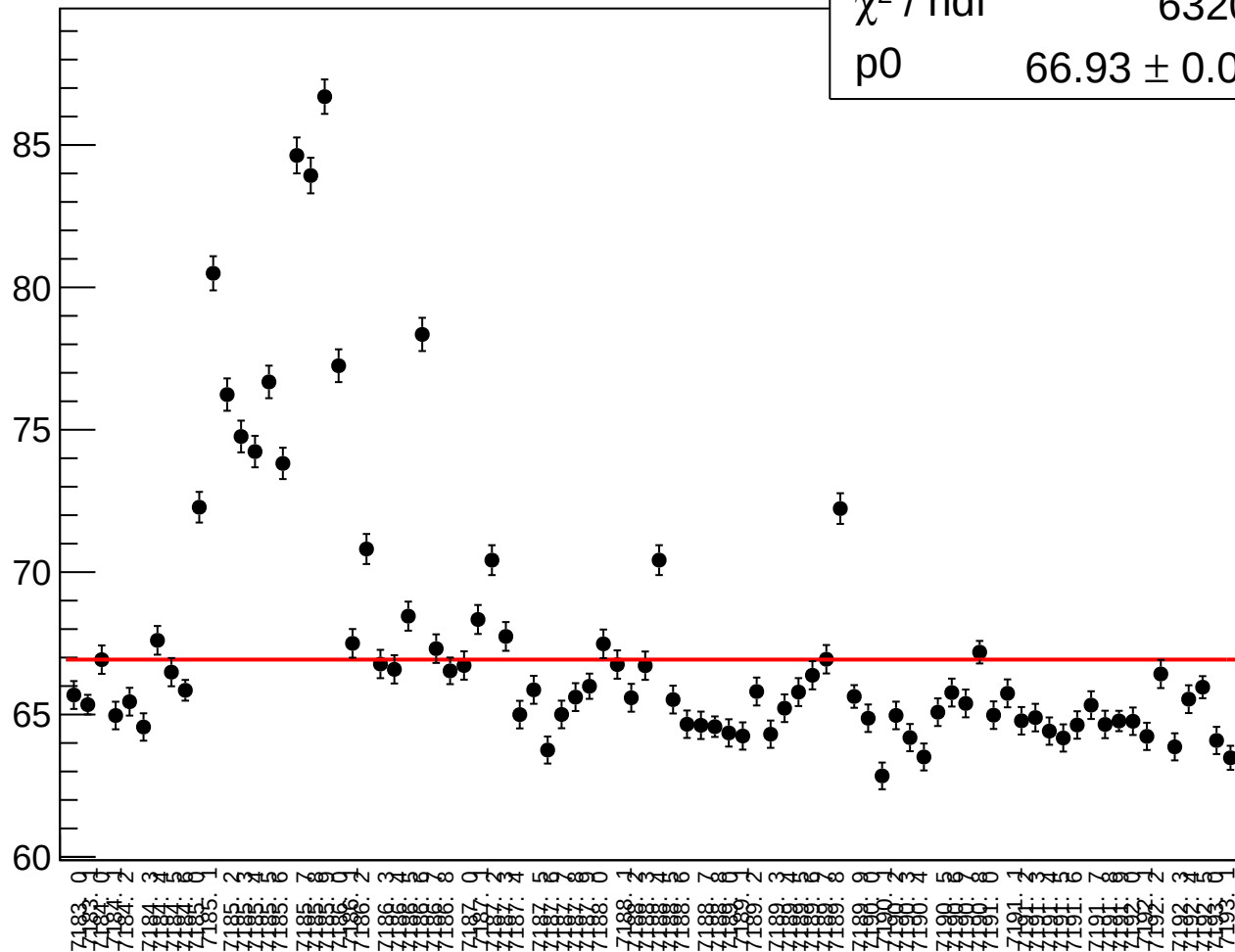
dit_asym_sam7_rms vs run

χ^2 / ndf

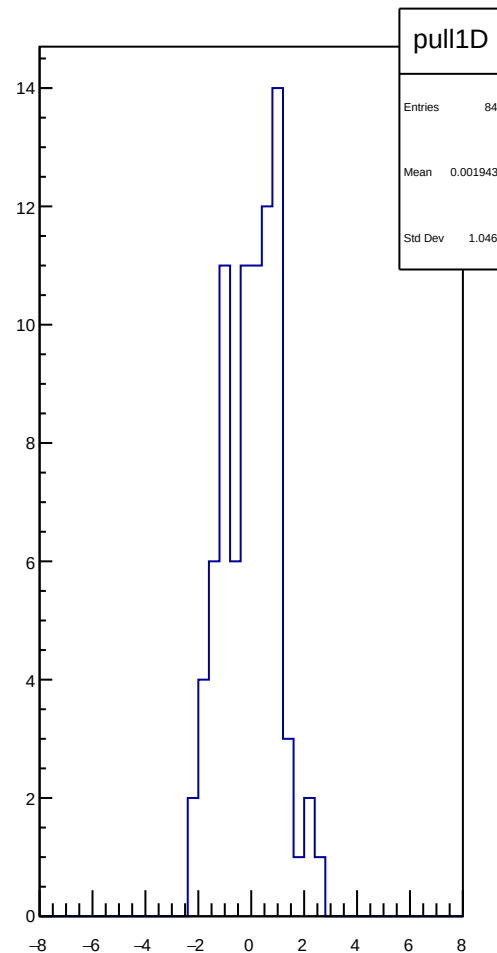
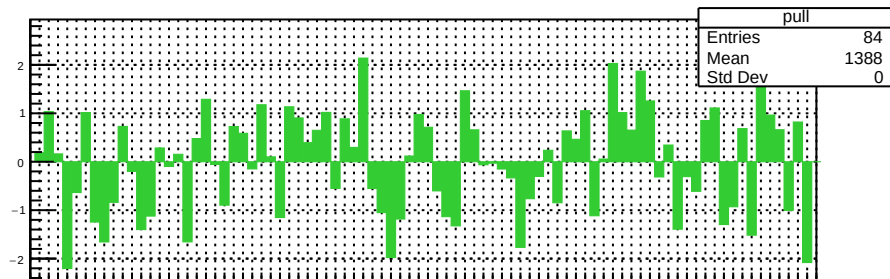
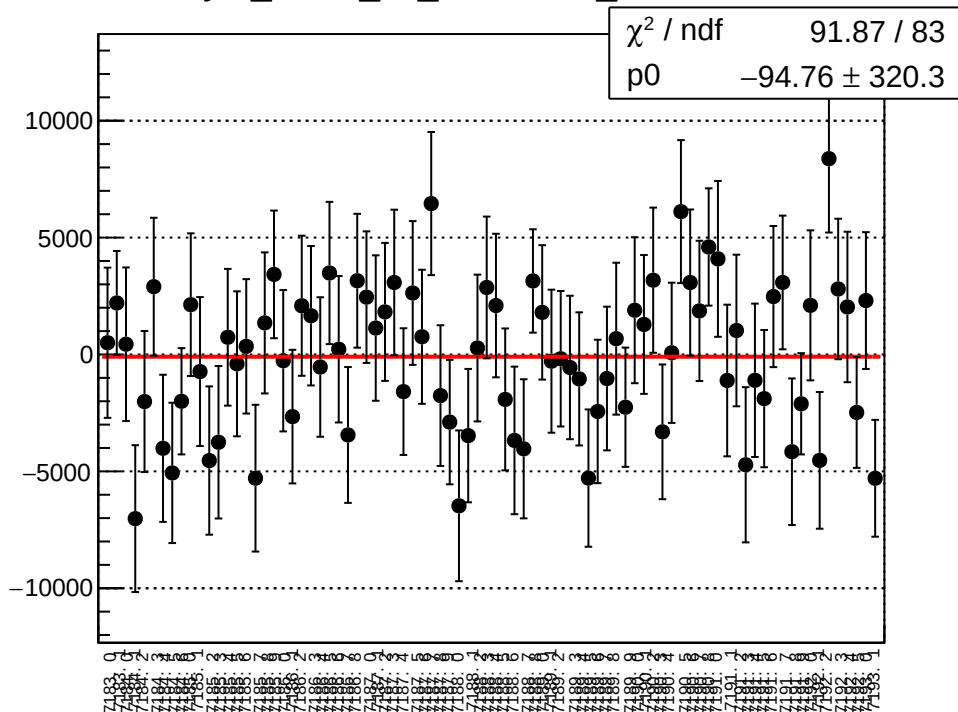
6320 / 83

p0

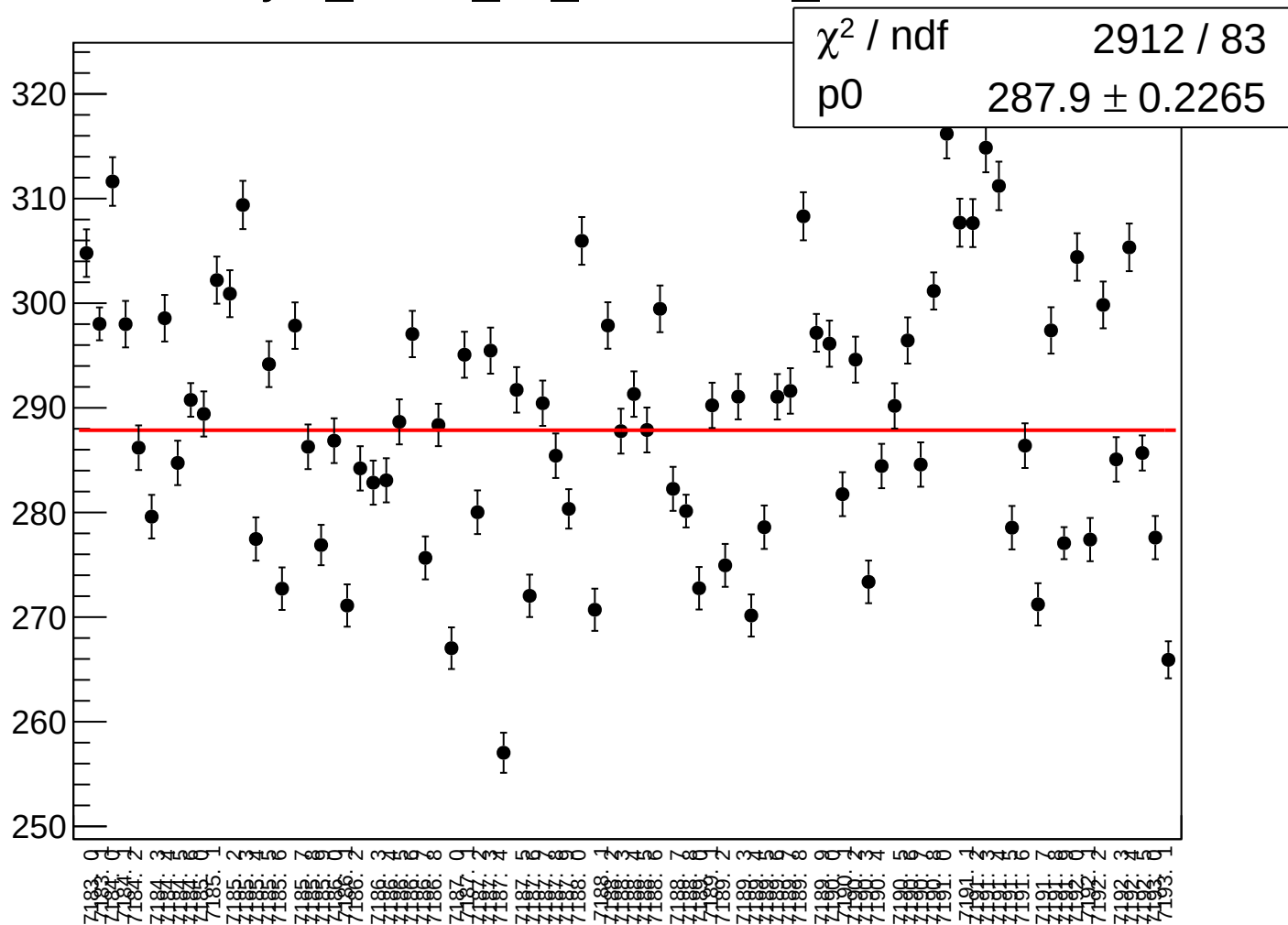
66.93 ± 0.05272



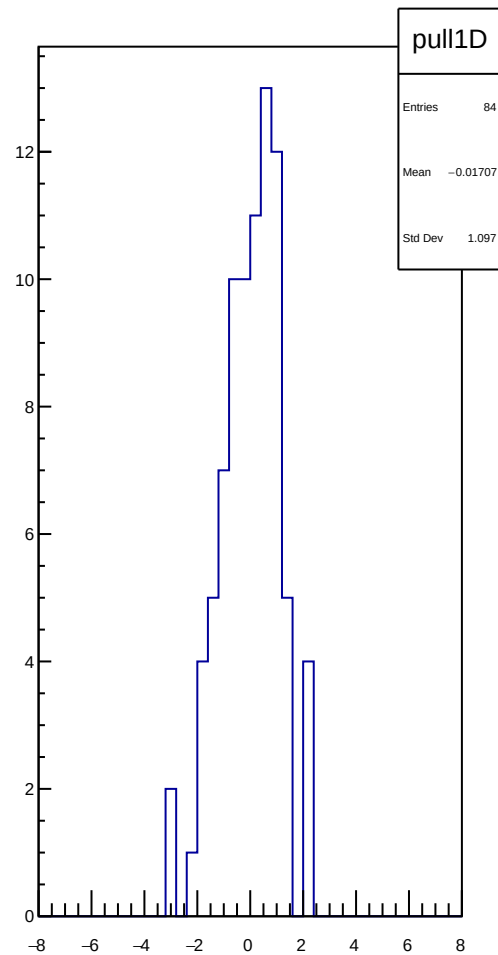
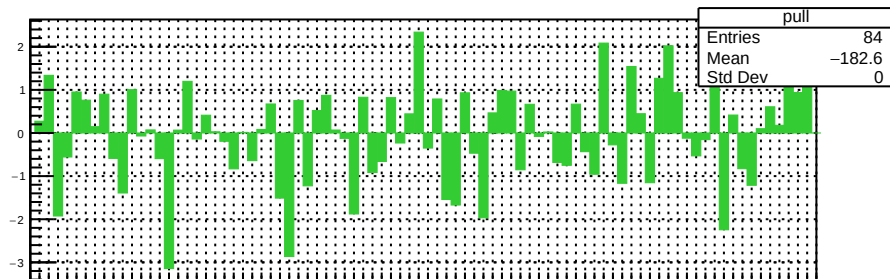
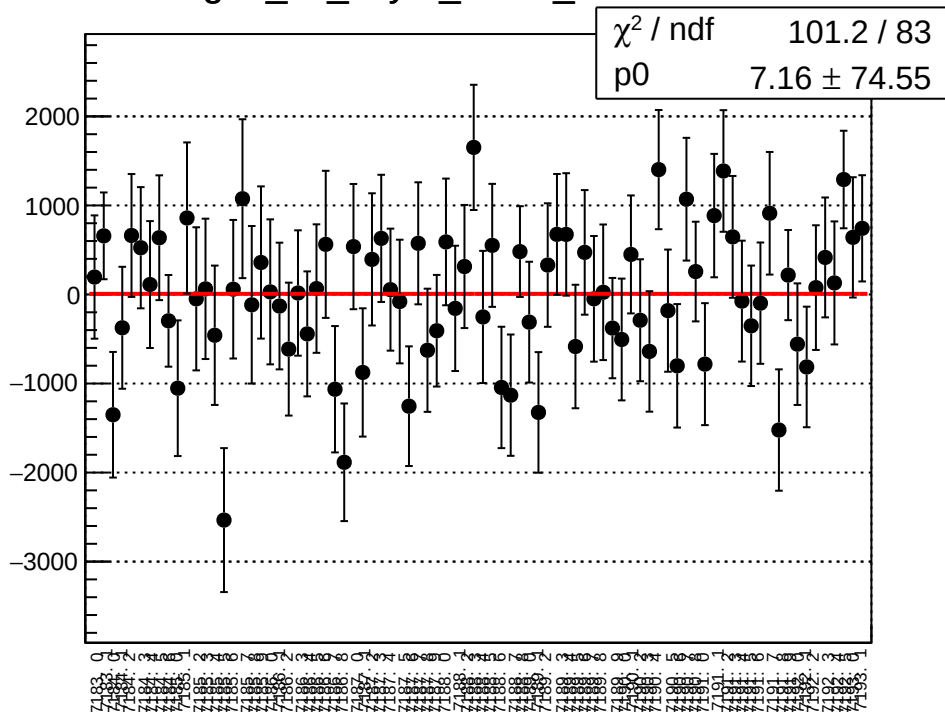
asym_sam7_dit_correction_mean vs run



asym_sam7_dit_correction_rms vs run



eigen_dit_asym_sam7_mean vs run



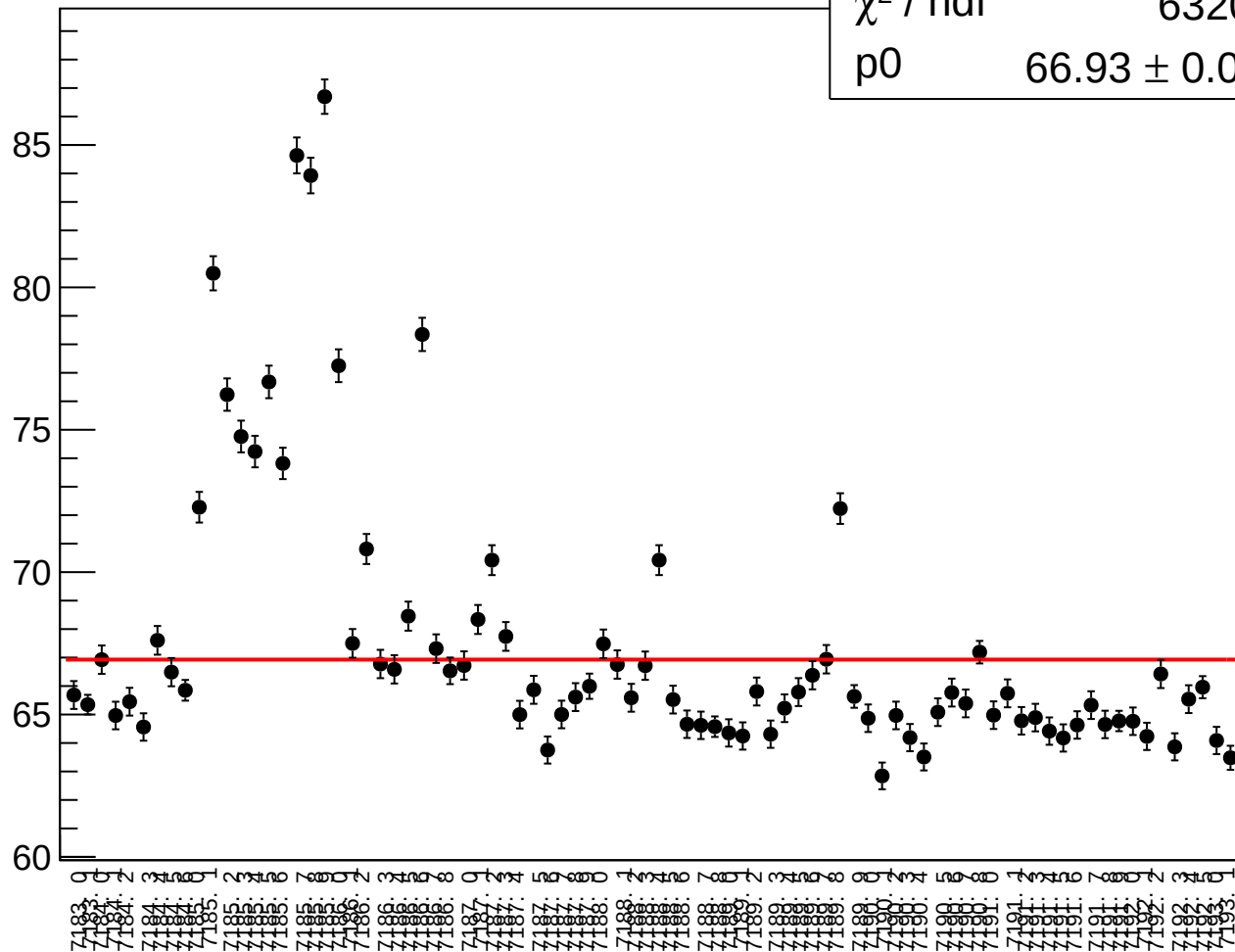
eigen_dit_asym_sam7_rms vs run

χ^2 / ndf

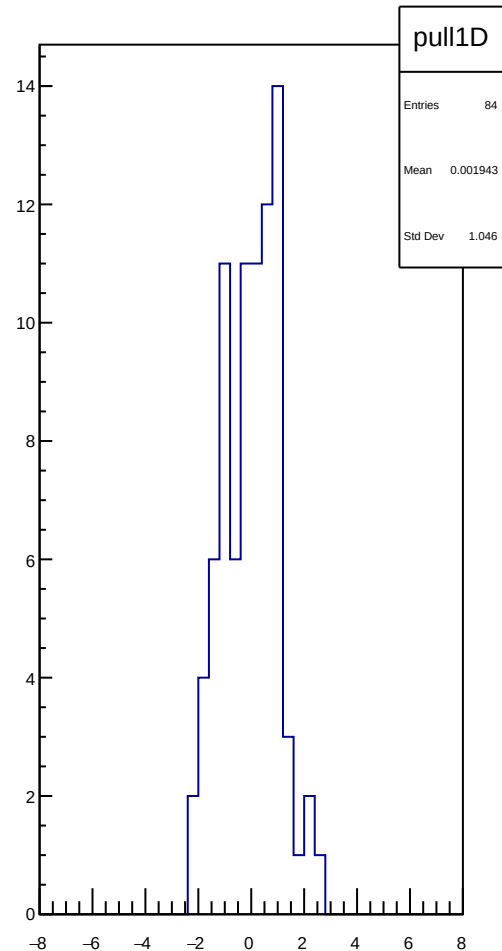
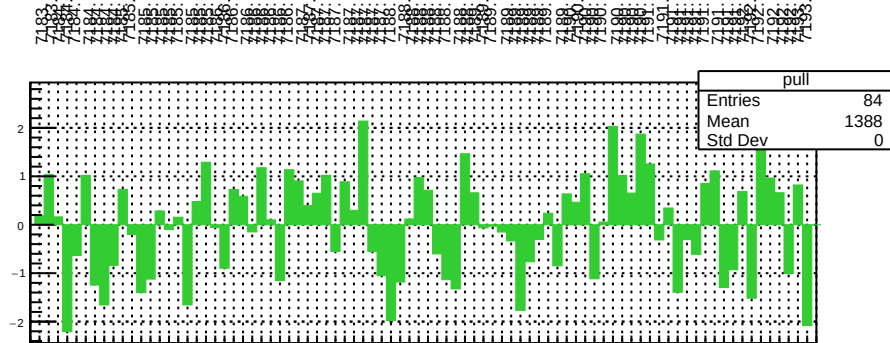
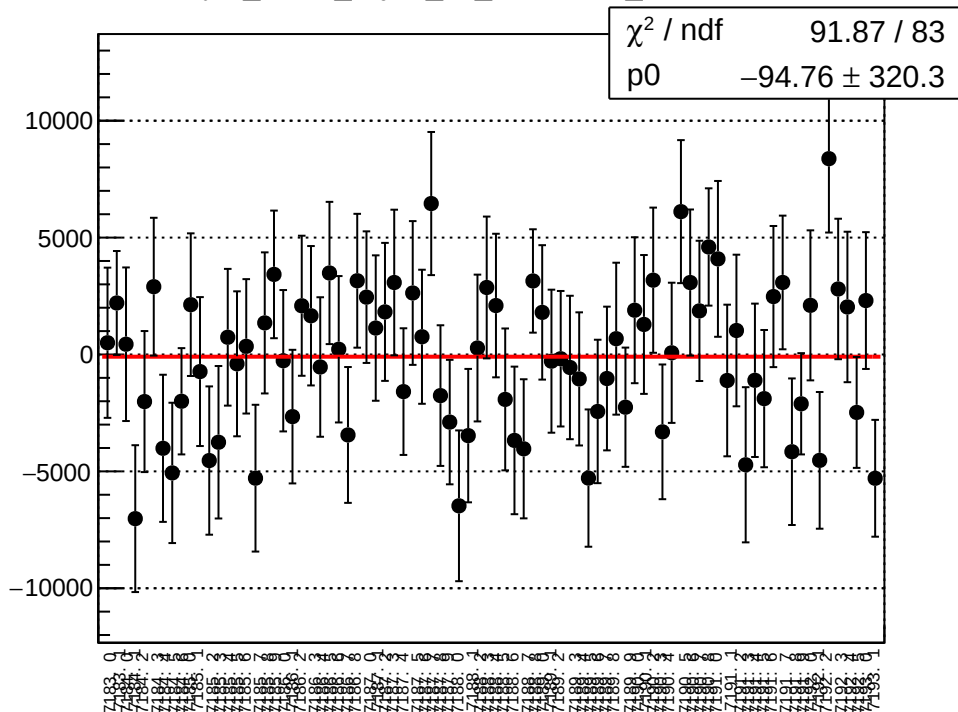
6320 / 83

p0

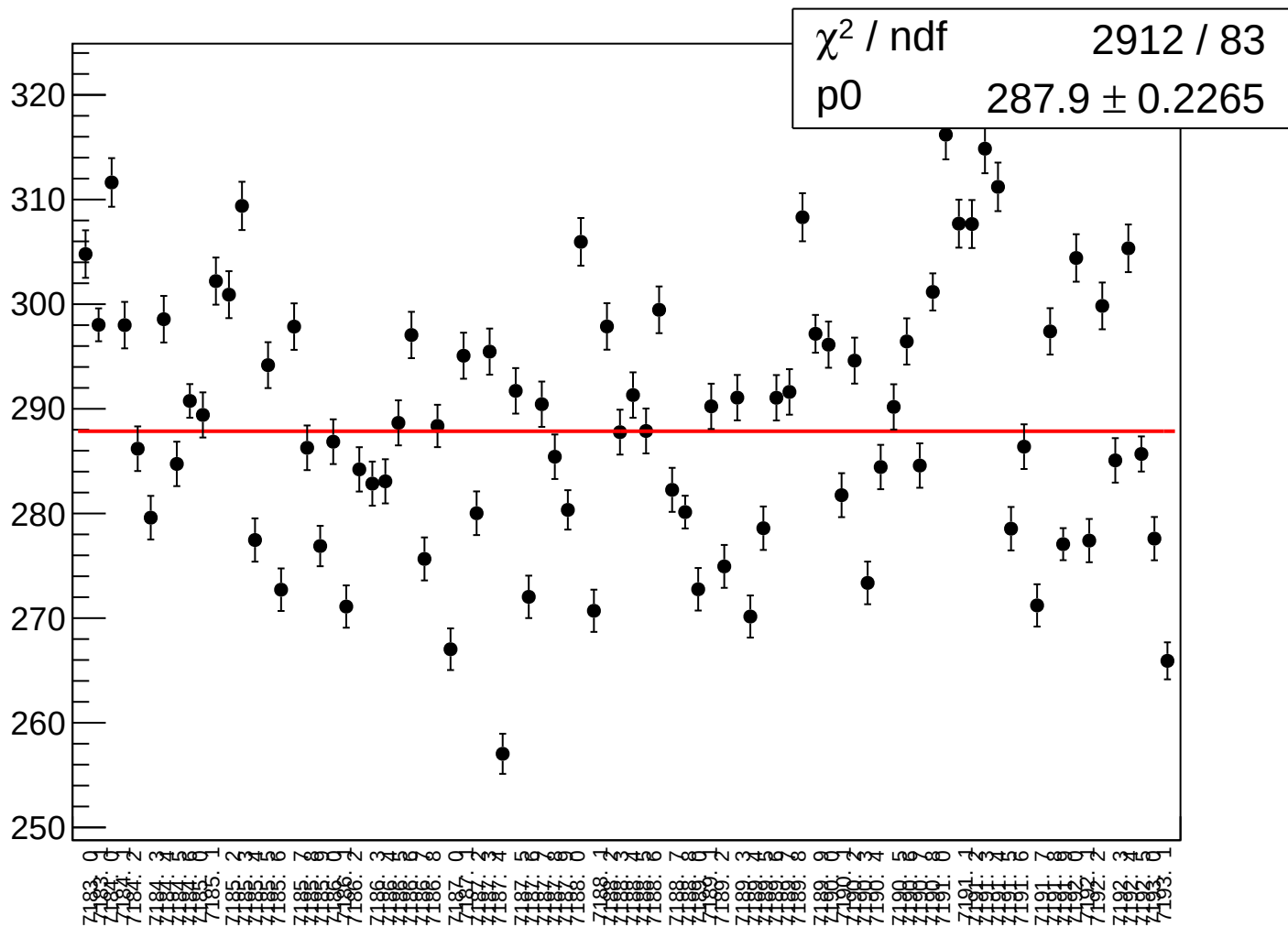
66.93 ± 0.05272



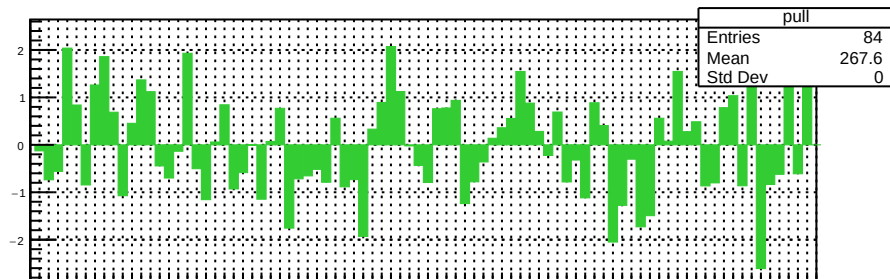
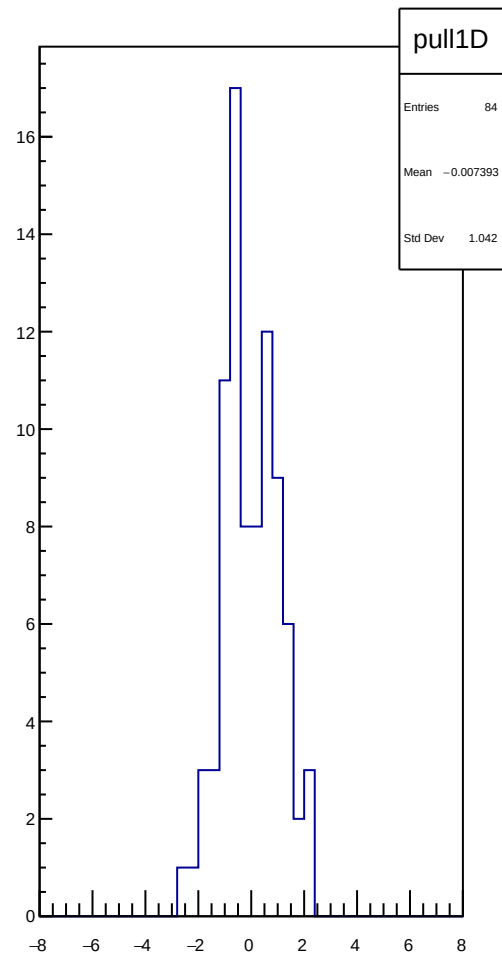
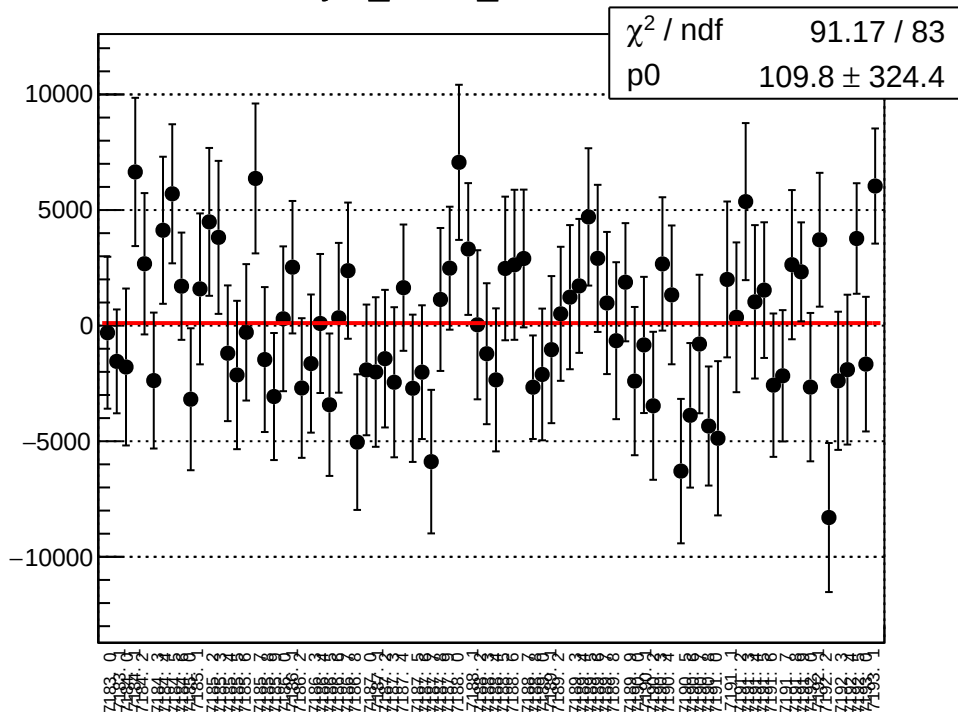
asym_sam7_eigen_dit_correction_mean vs run



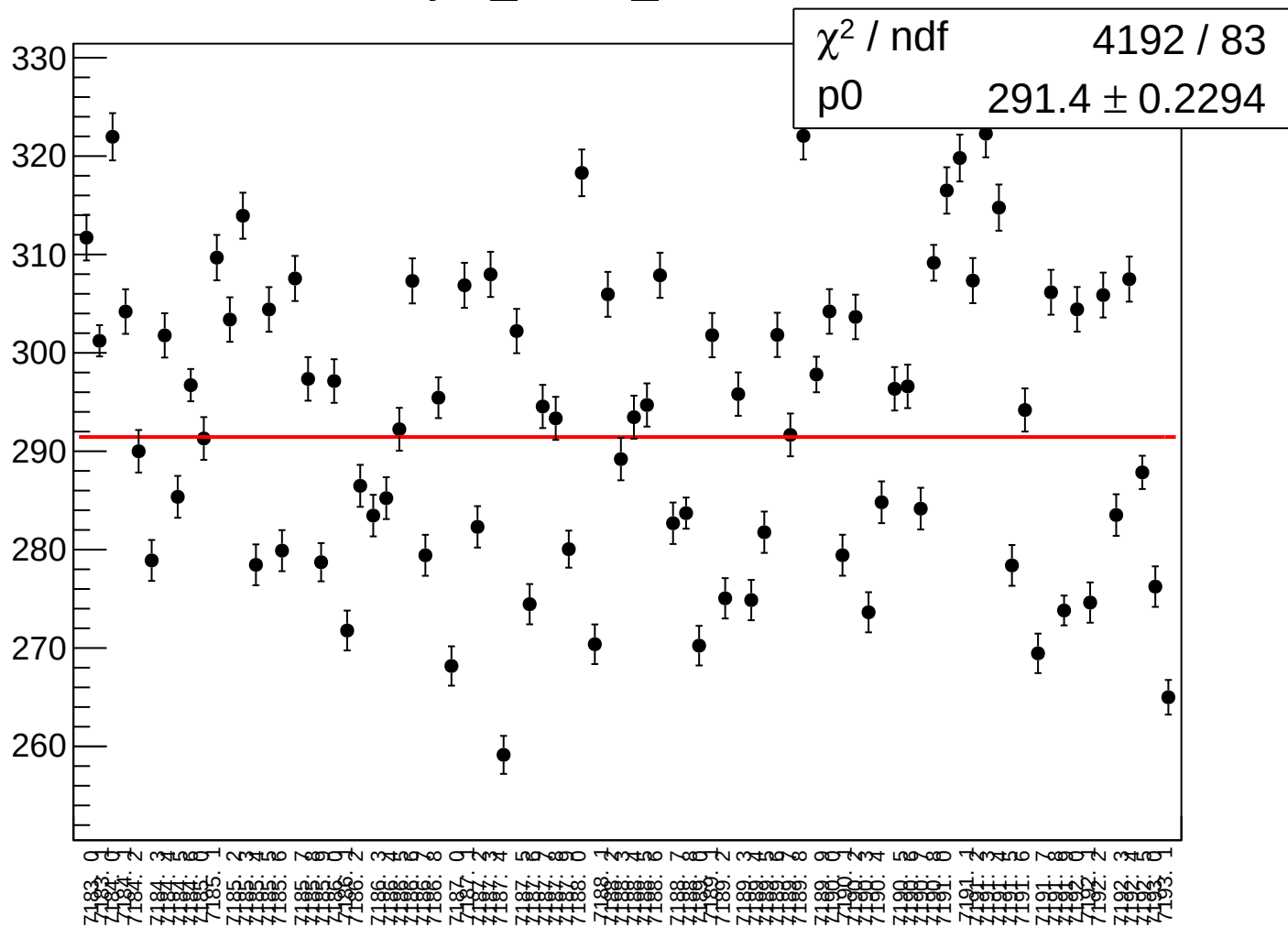
asym_sam7_eigen_dit_correction_rms vs run



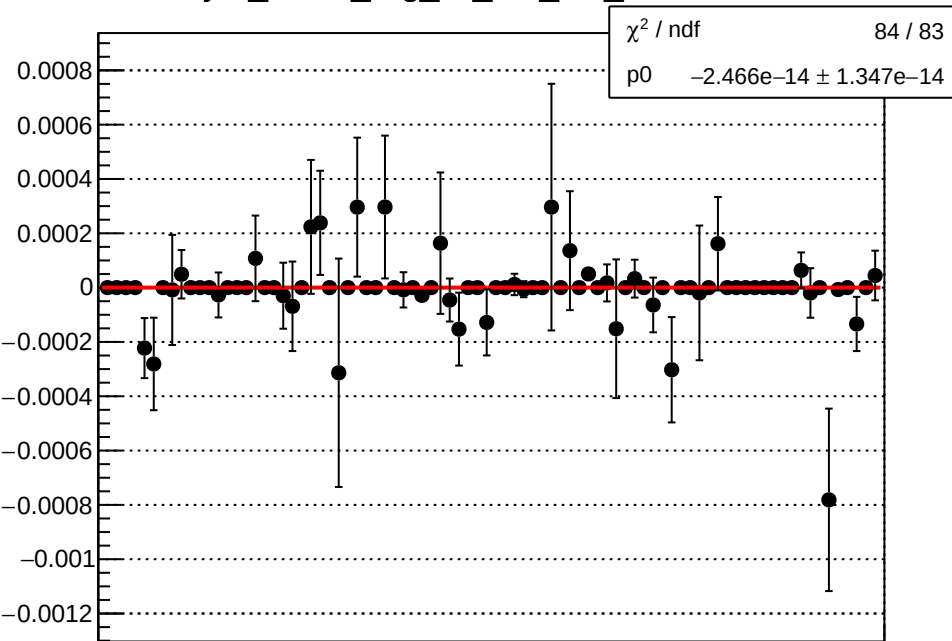
asym_sam7_mean vs run



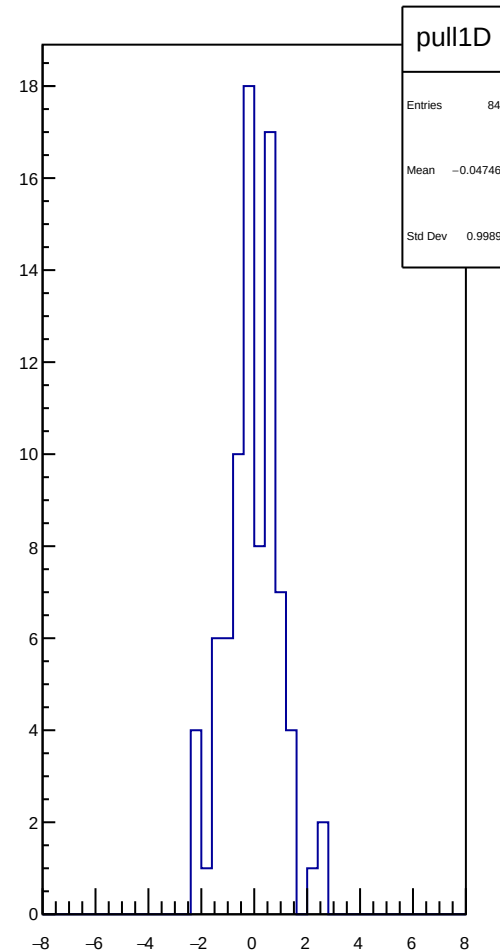
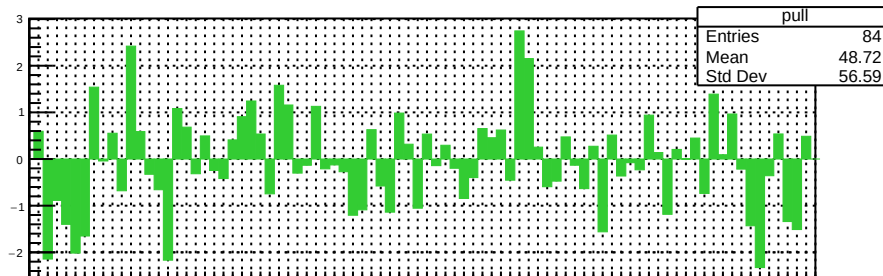
asym_sam7_rms vs run



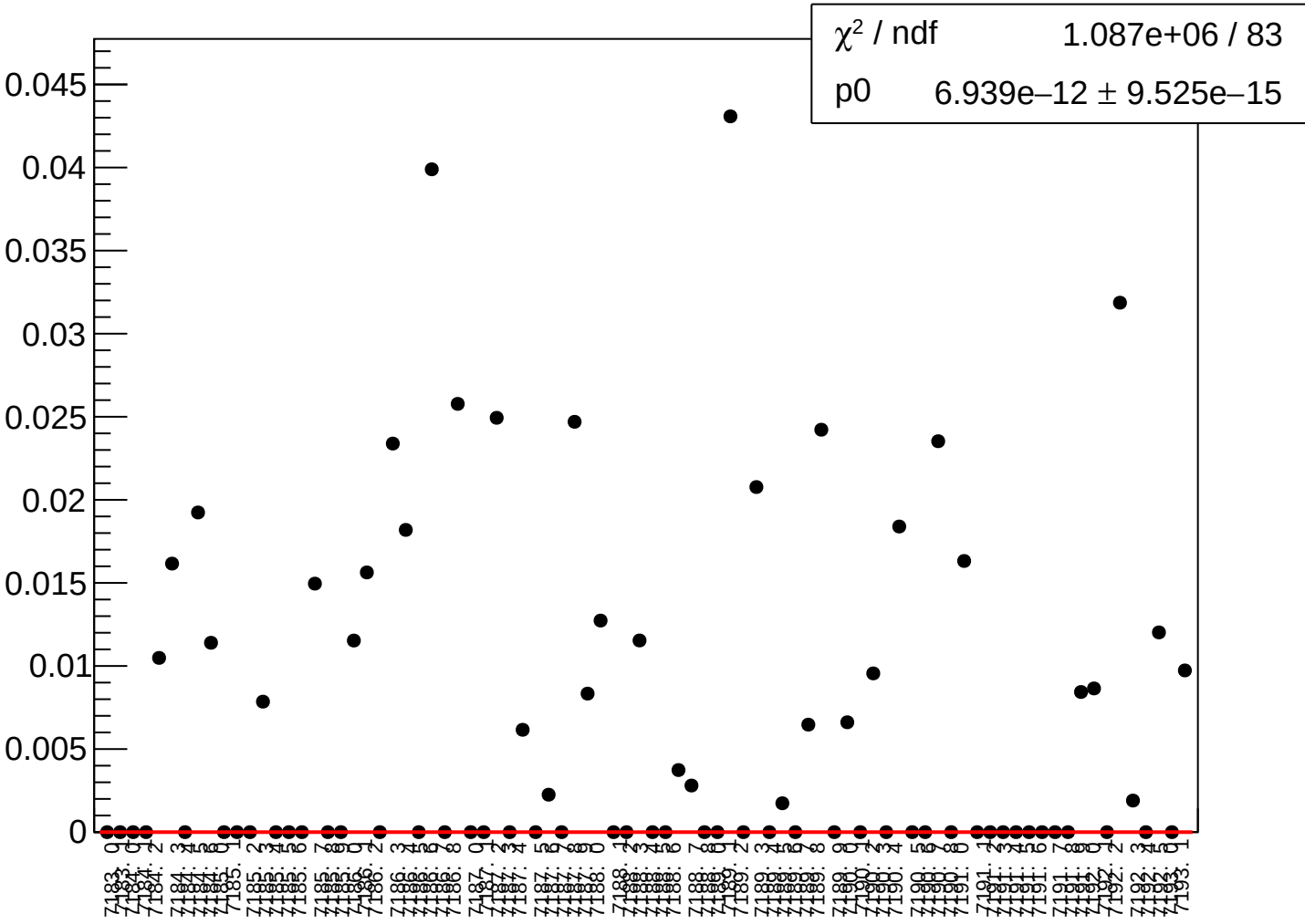
asym_sam7_reg_vs_cor_diff_mean vs run



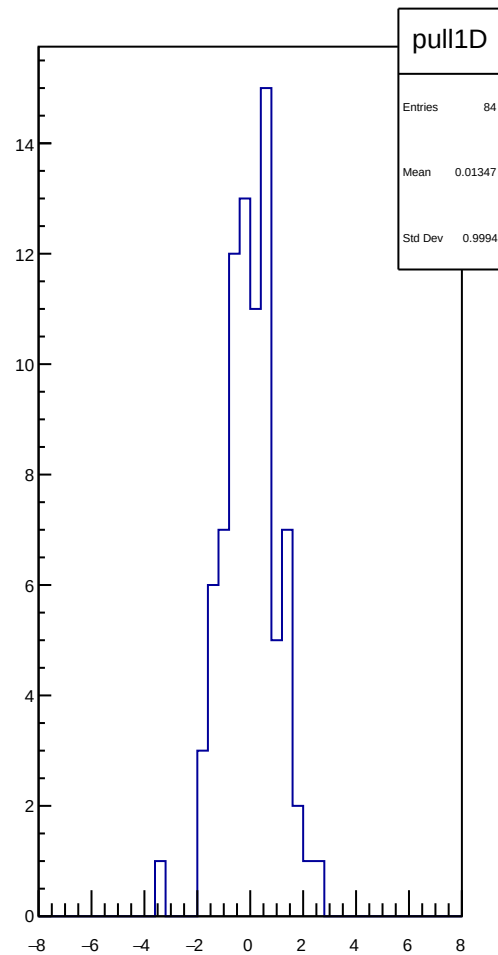
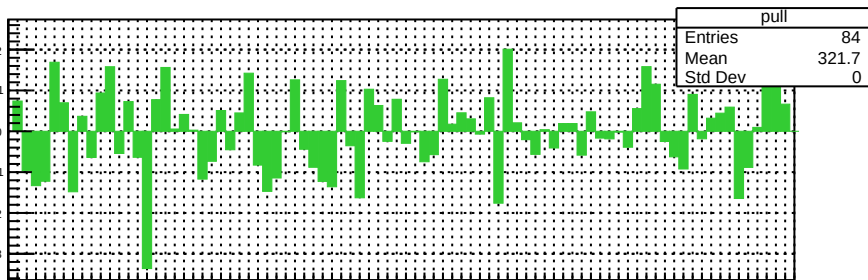
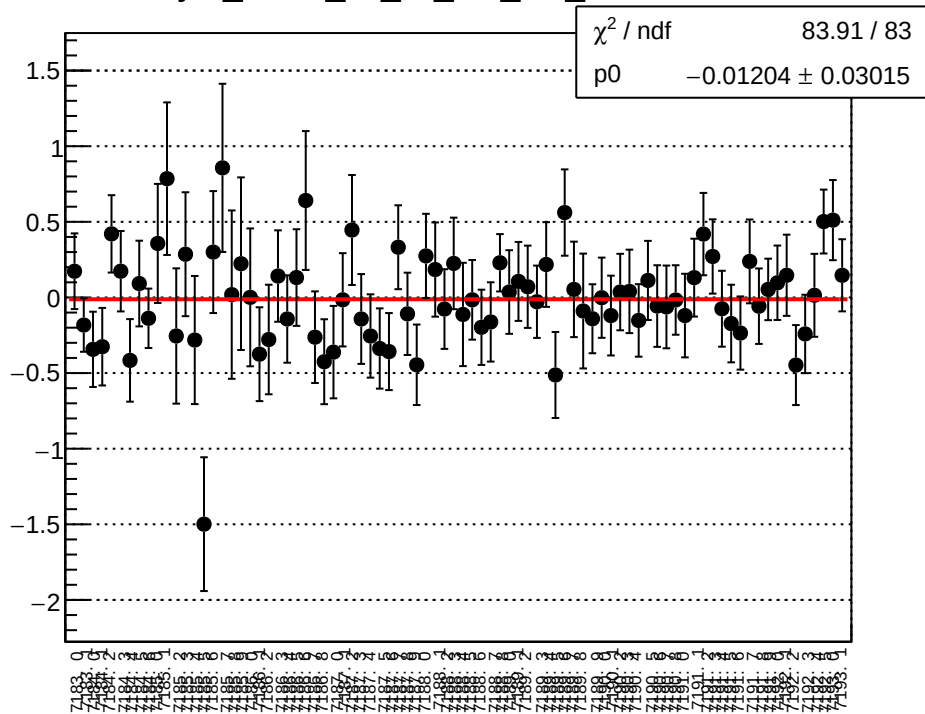
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asym_sam7_reg_vs_cor_diff_rms vs run

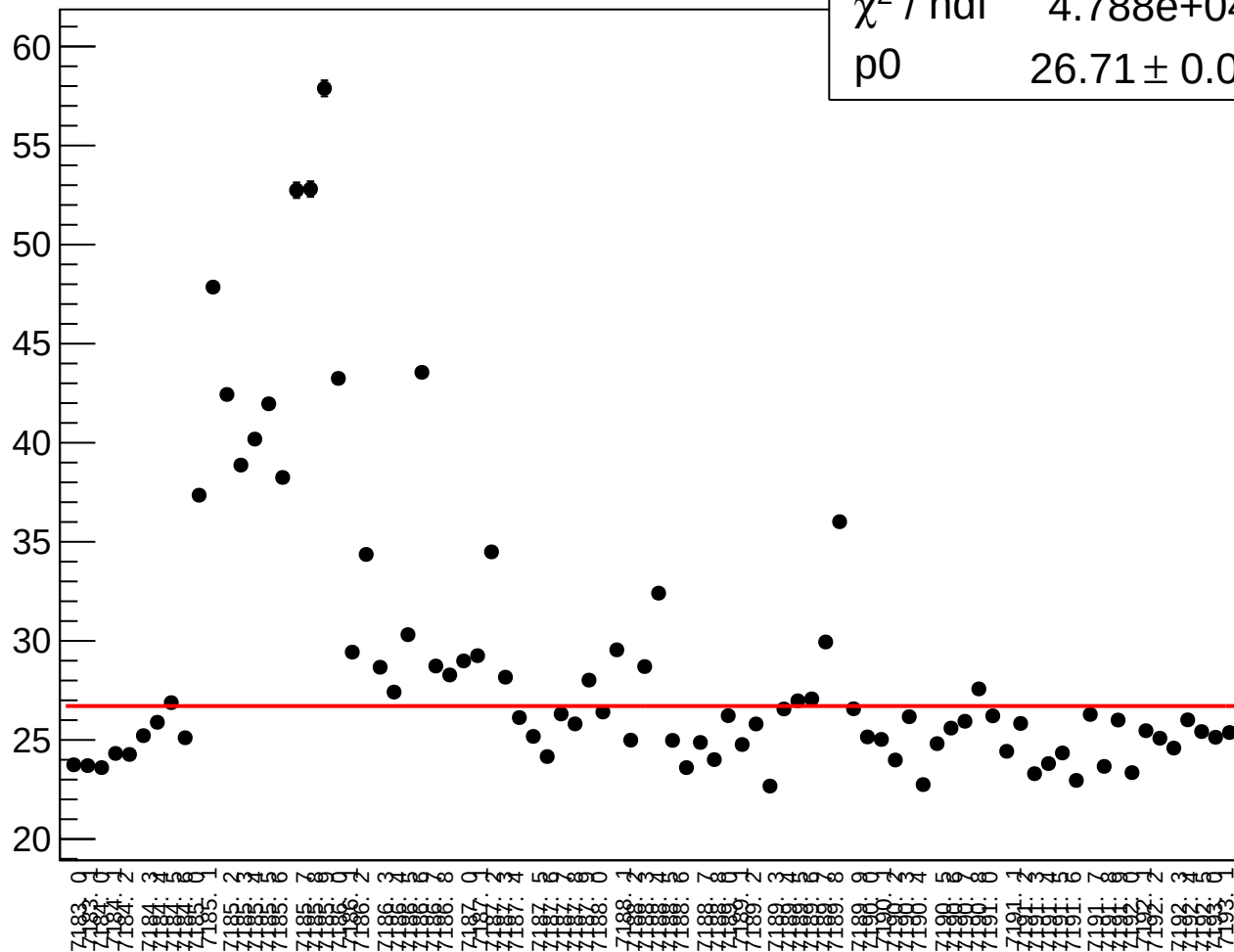


asym_sam7_dit_vs_cor_diff_mean vs run

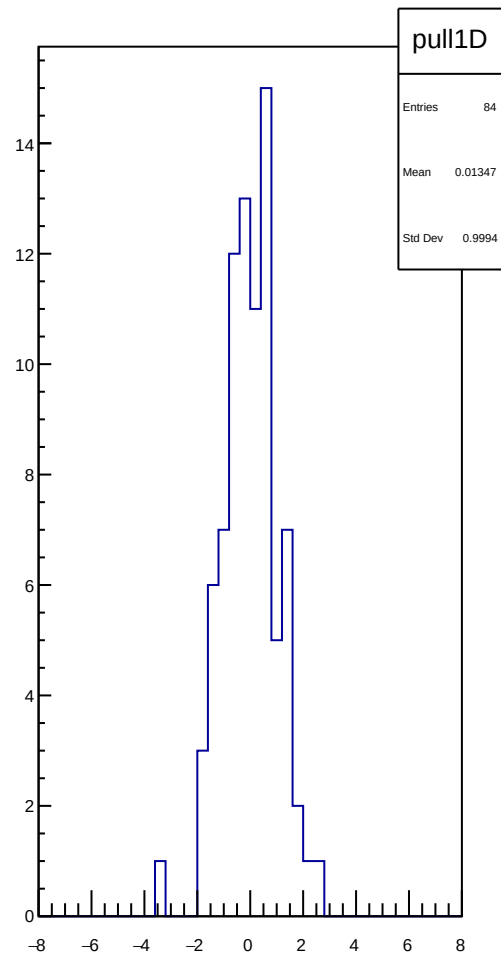
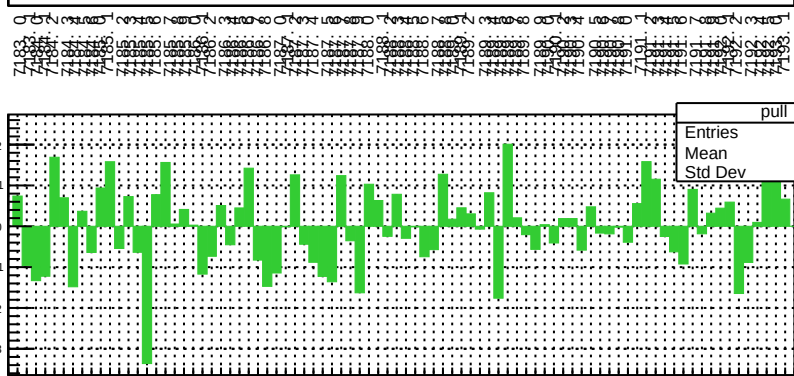
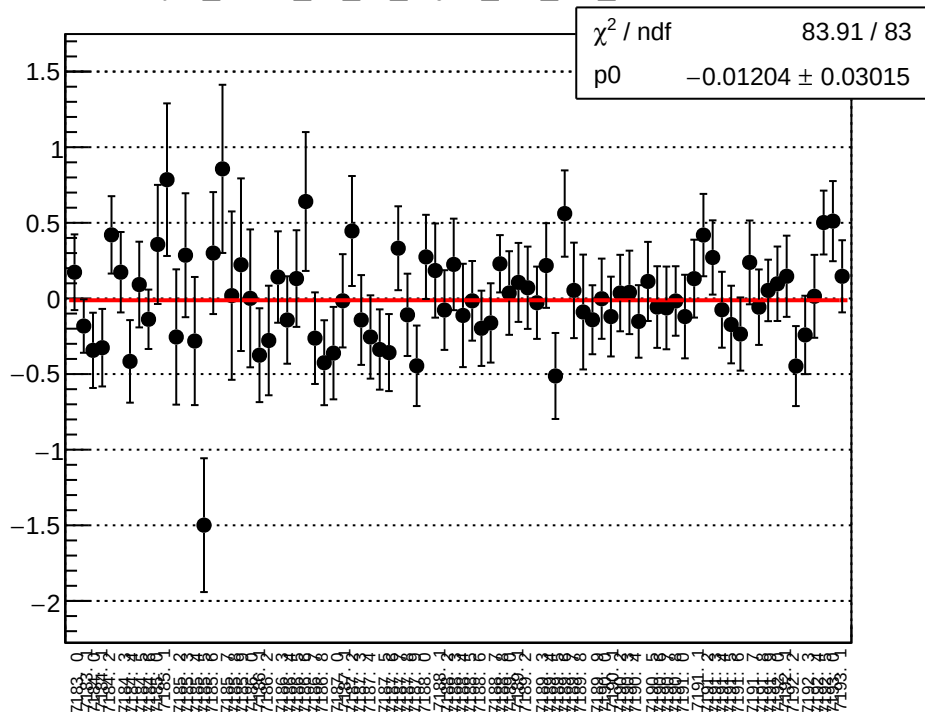


asym_sam7_dit_vs_cor_diff_rms vs run

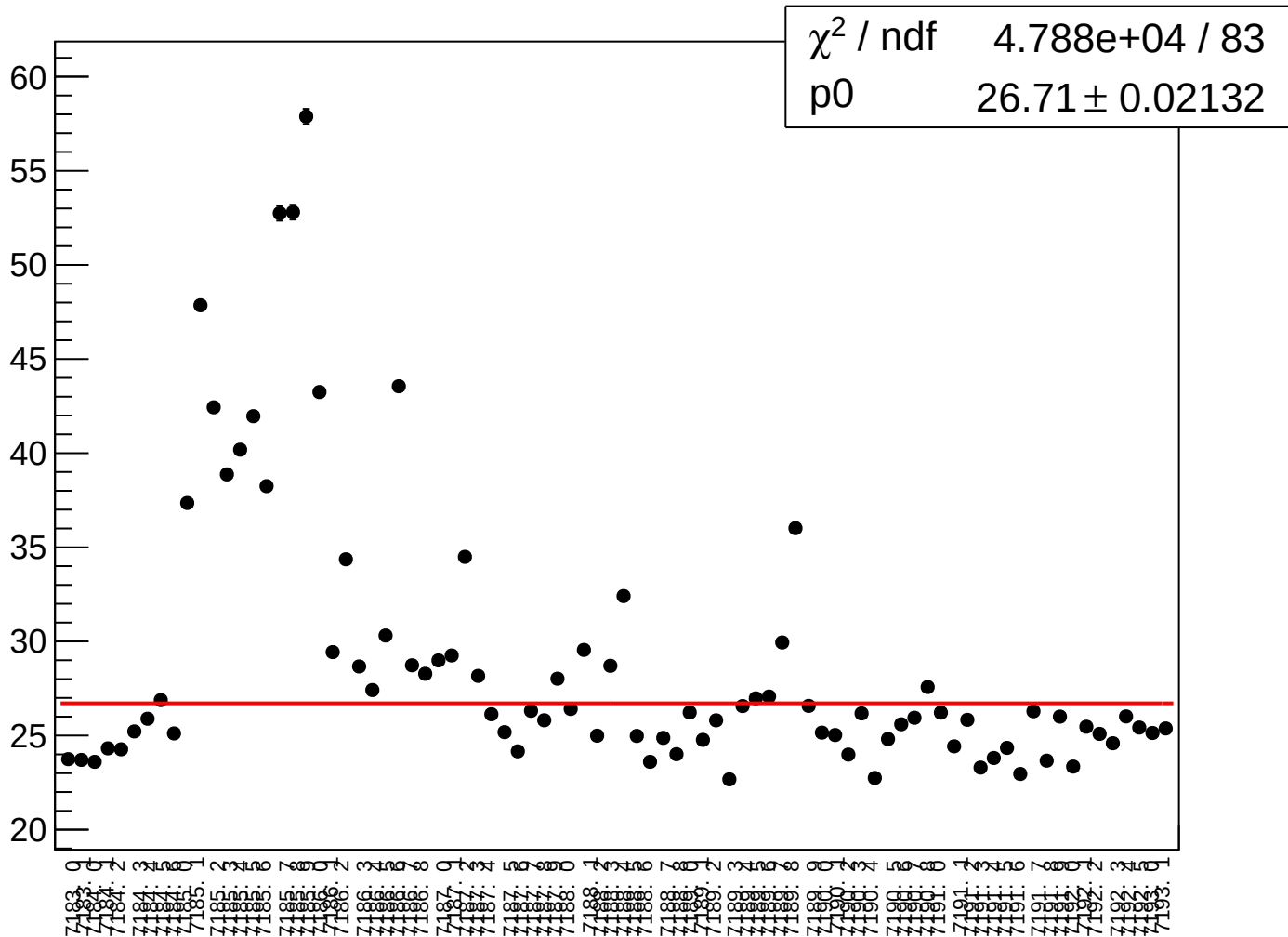
χ^2 / ndf 4.788e+04 / 83
p0 26.71 ± 0.02132



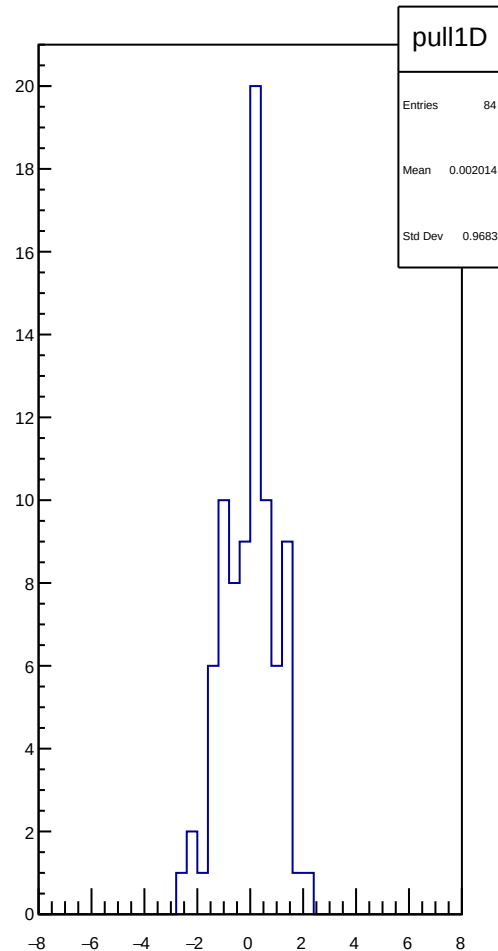
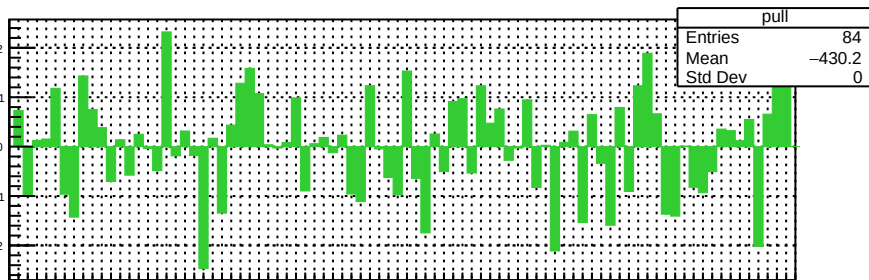
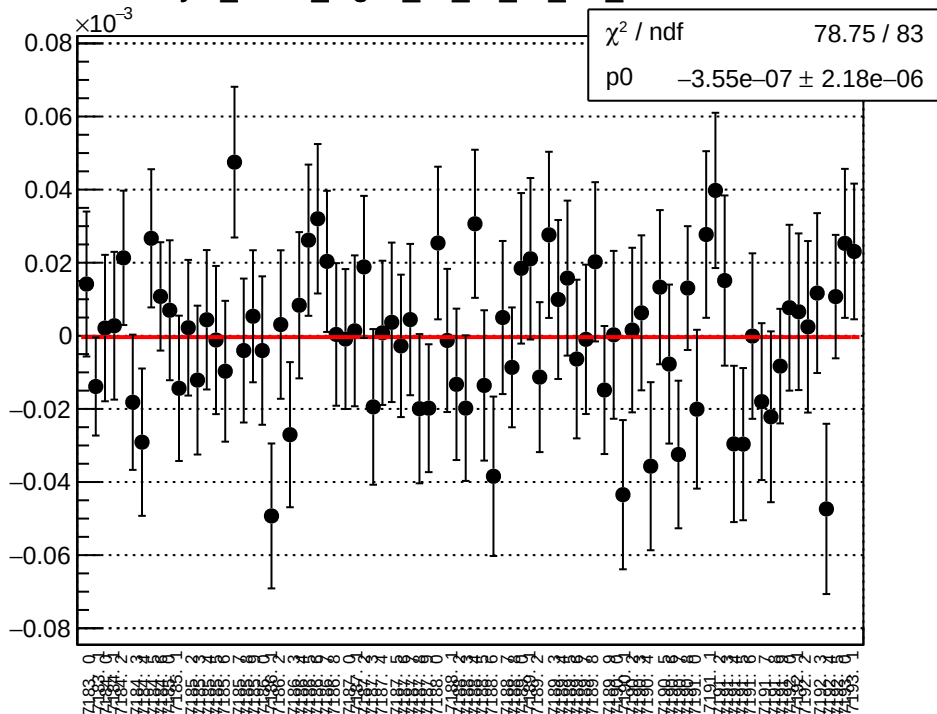
asym_sam7_dit_vs_eigen_cor_diff_mean vs run



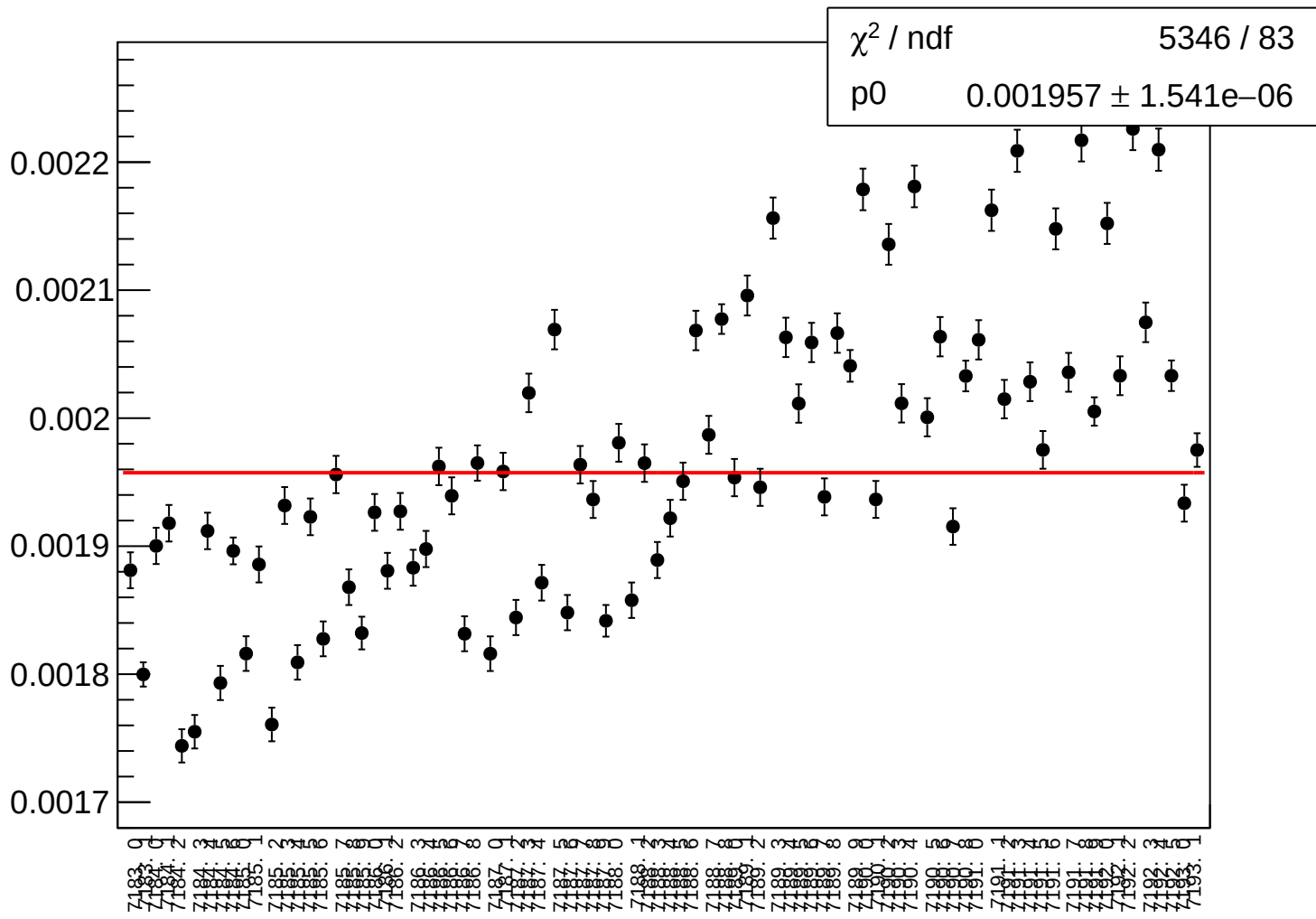
asym_sam7_dit_vs_eigen_cor_diff_rms vs run



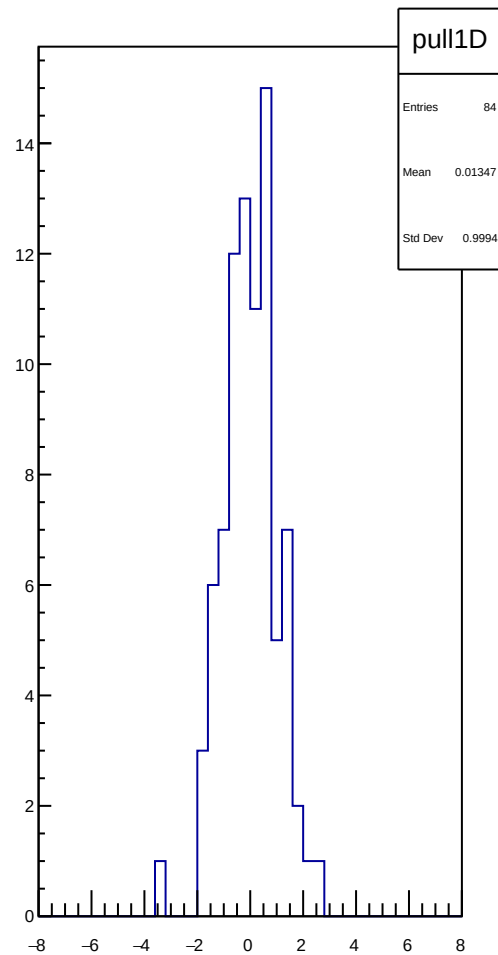
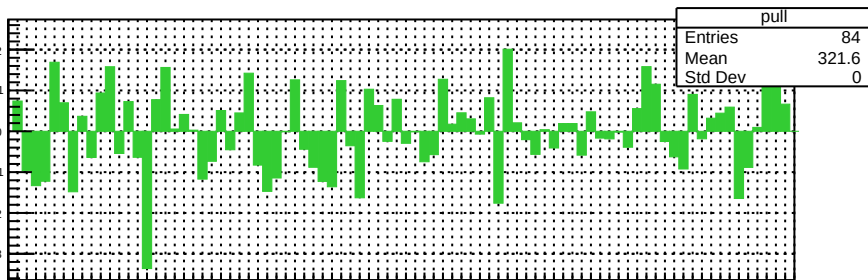
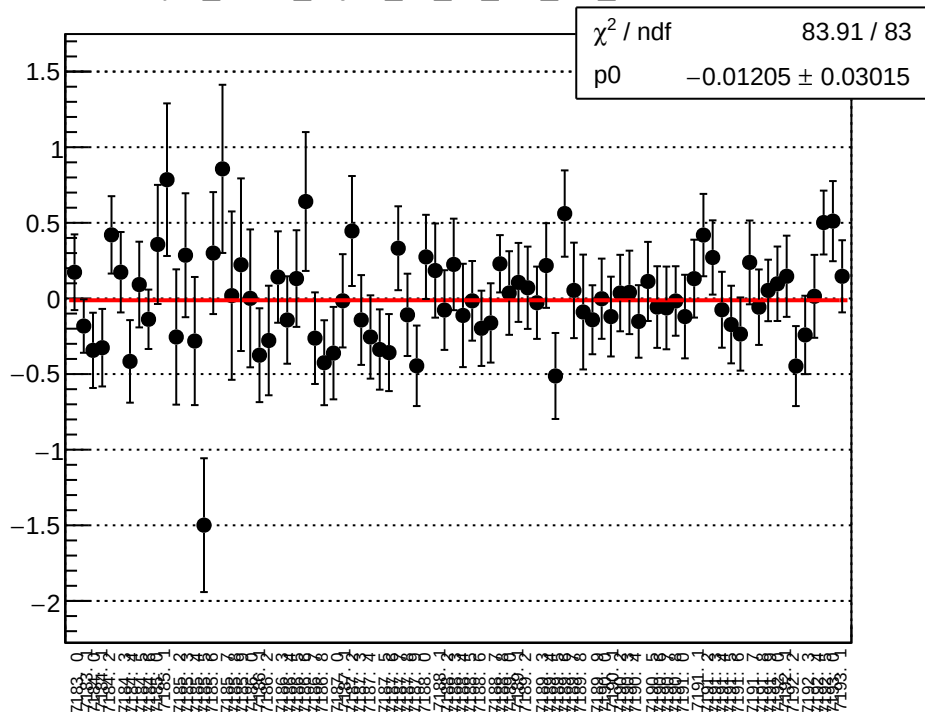
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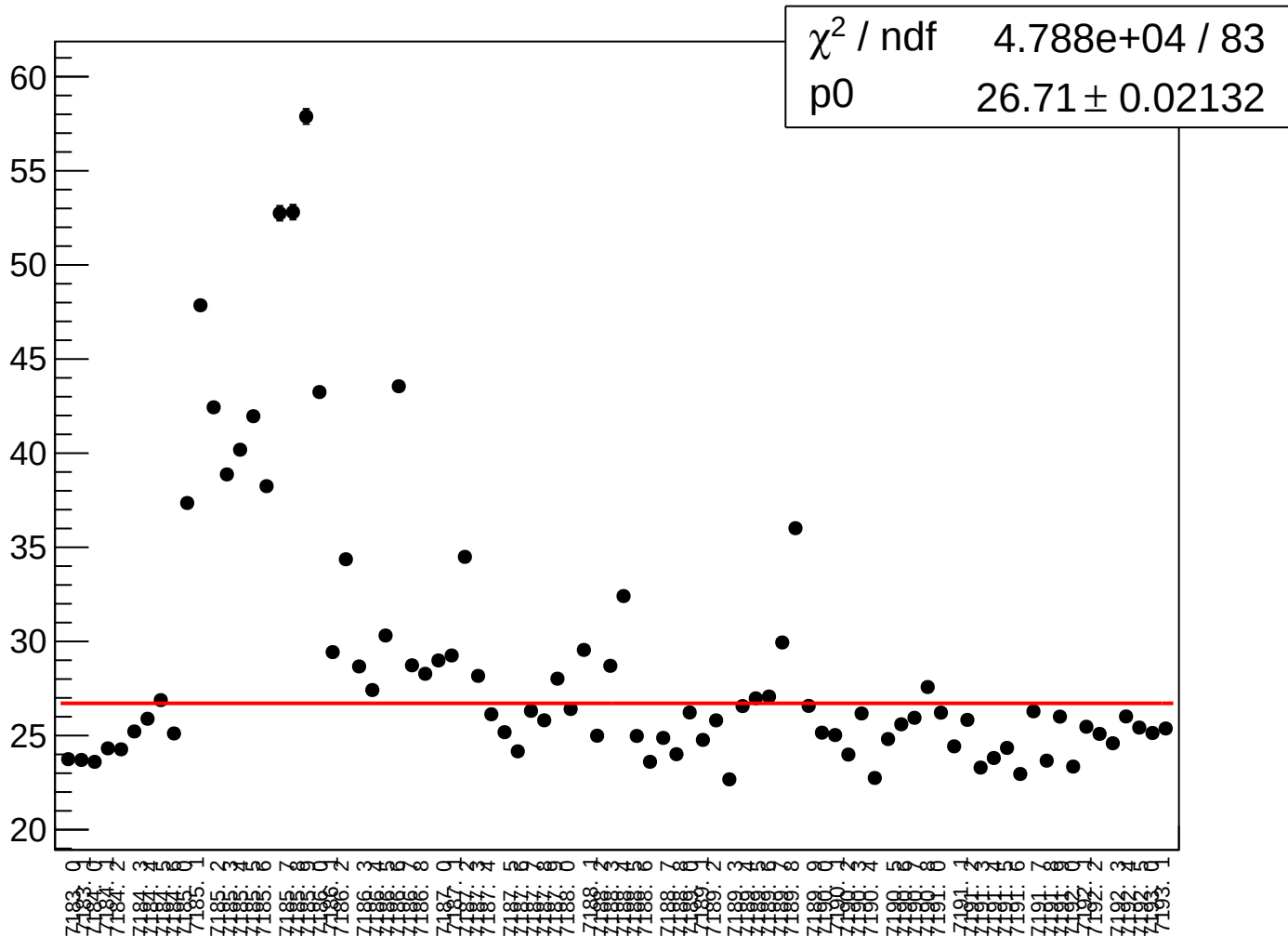
asym_sam7_eigen_dit_vs_dit_diff_rms vs run



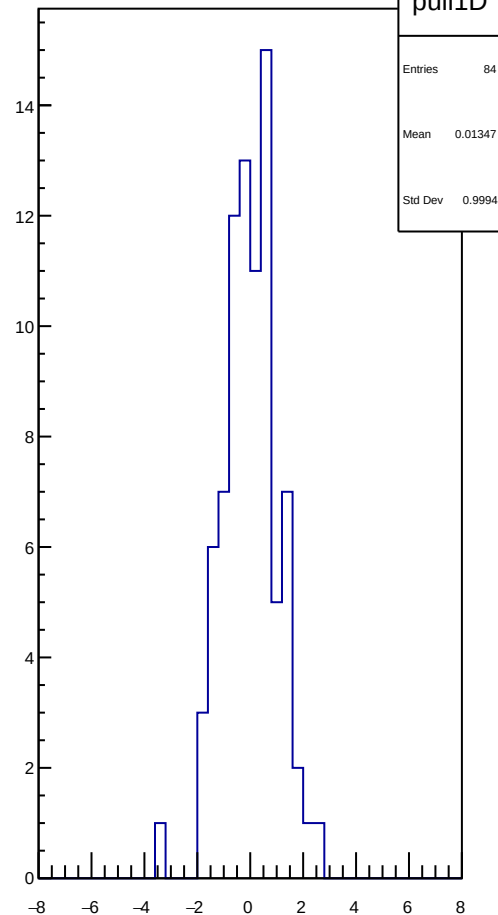
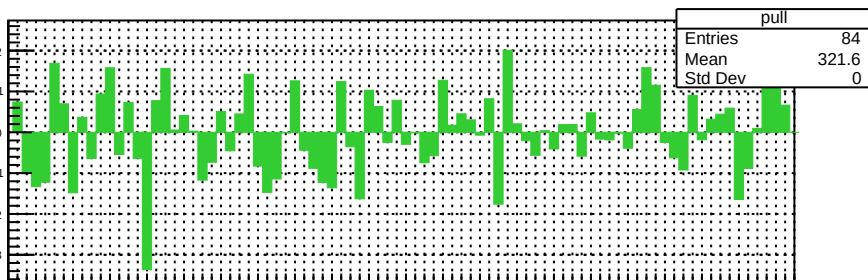
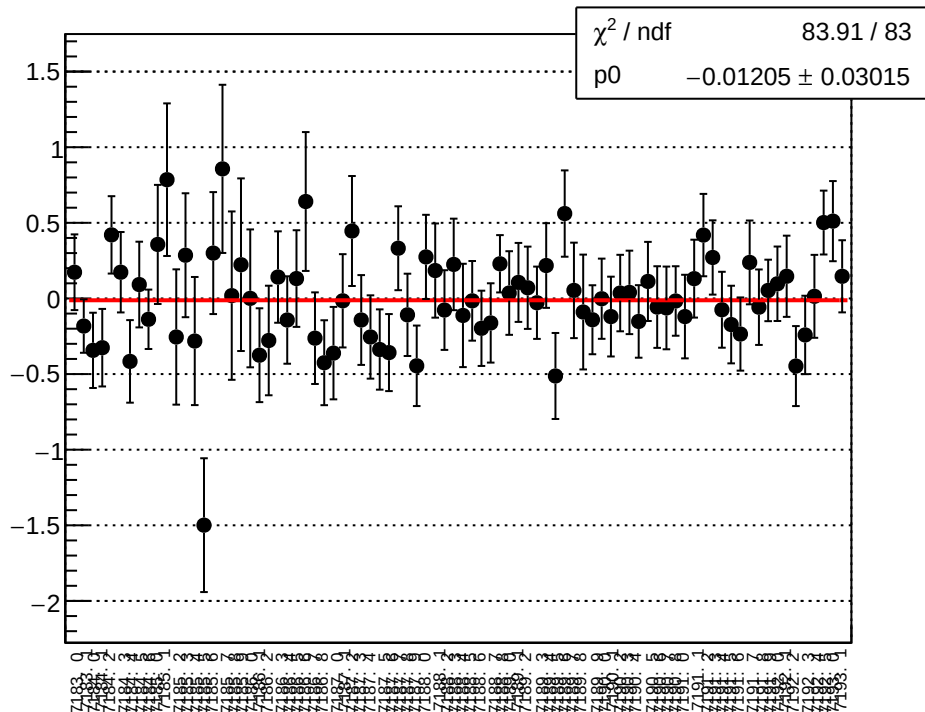
asym_sam7_eigen_dit_vs_cor_diff_mean vs run



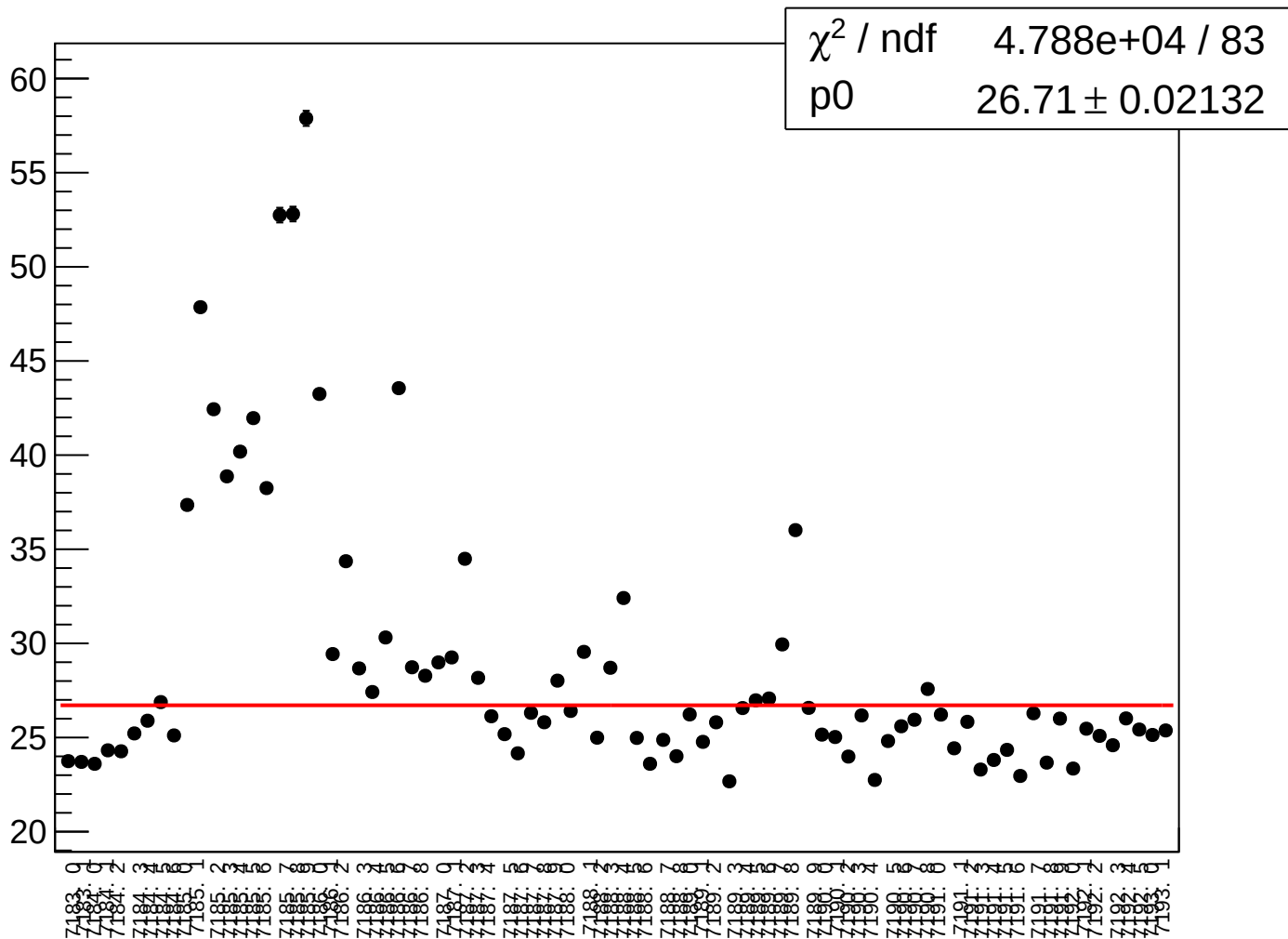
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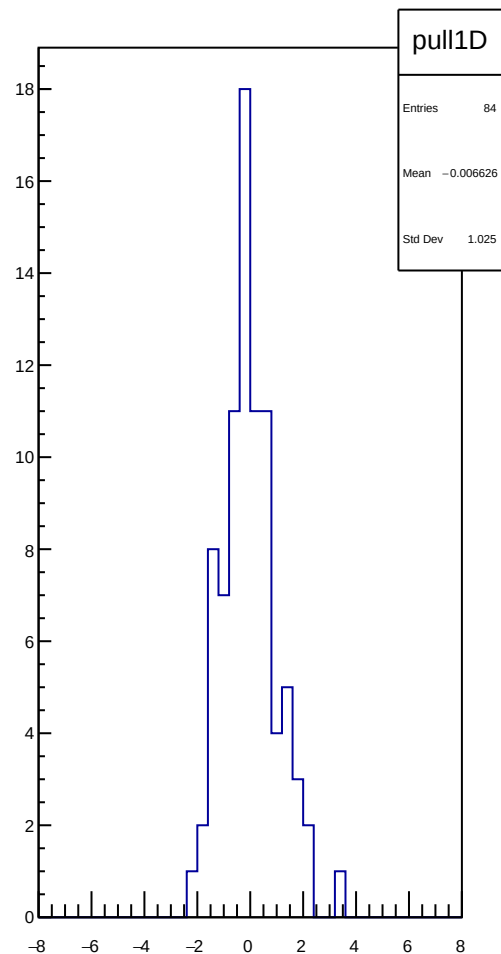
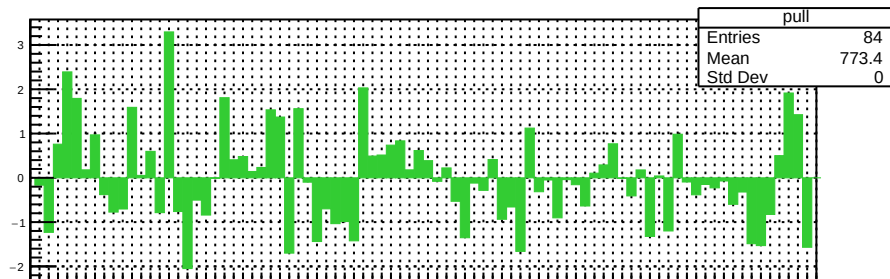
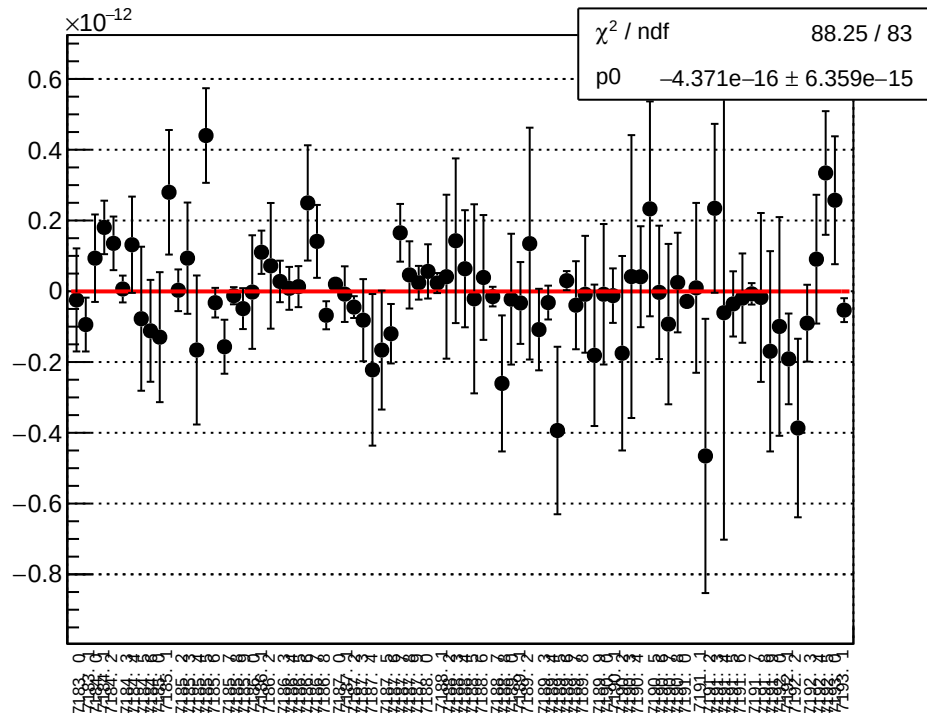
asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs run



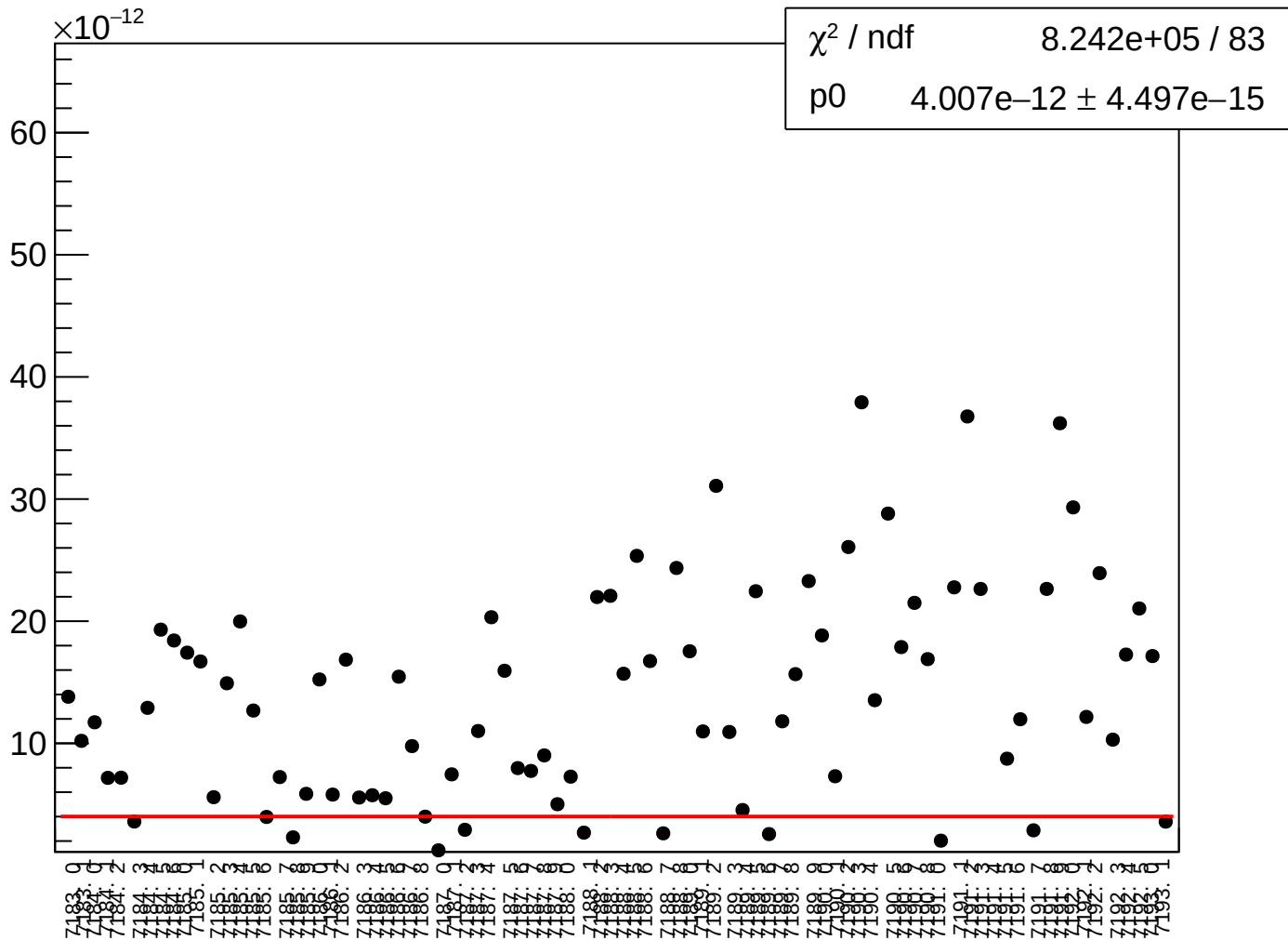
asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs run



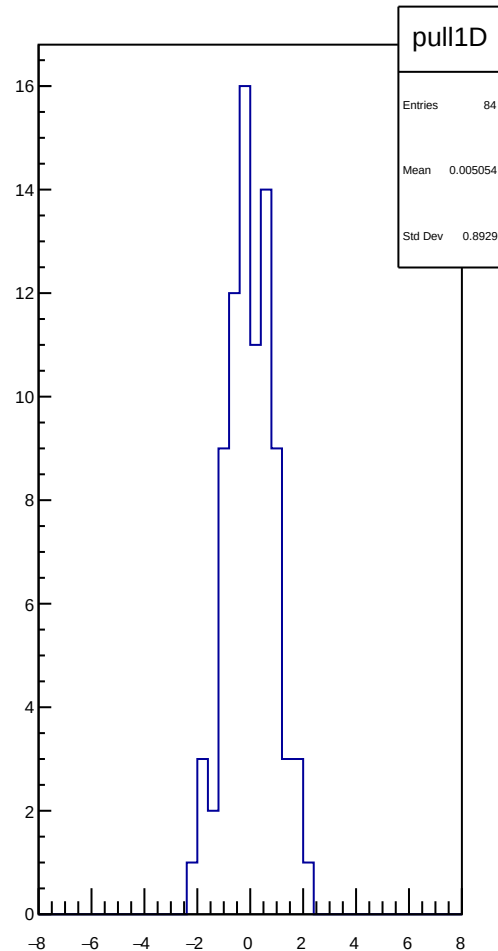
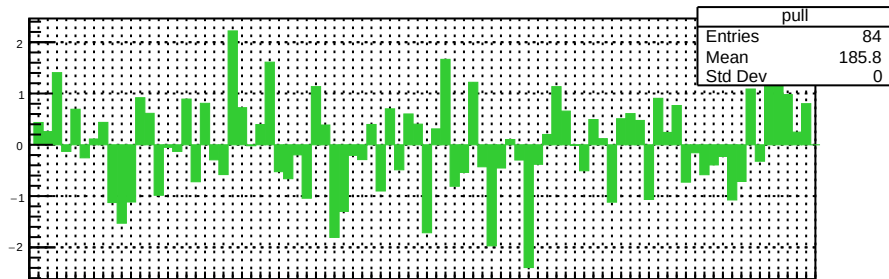
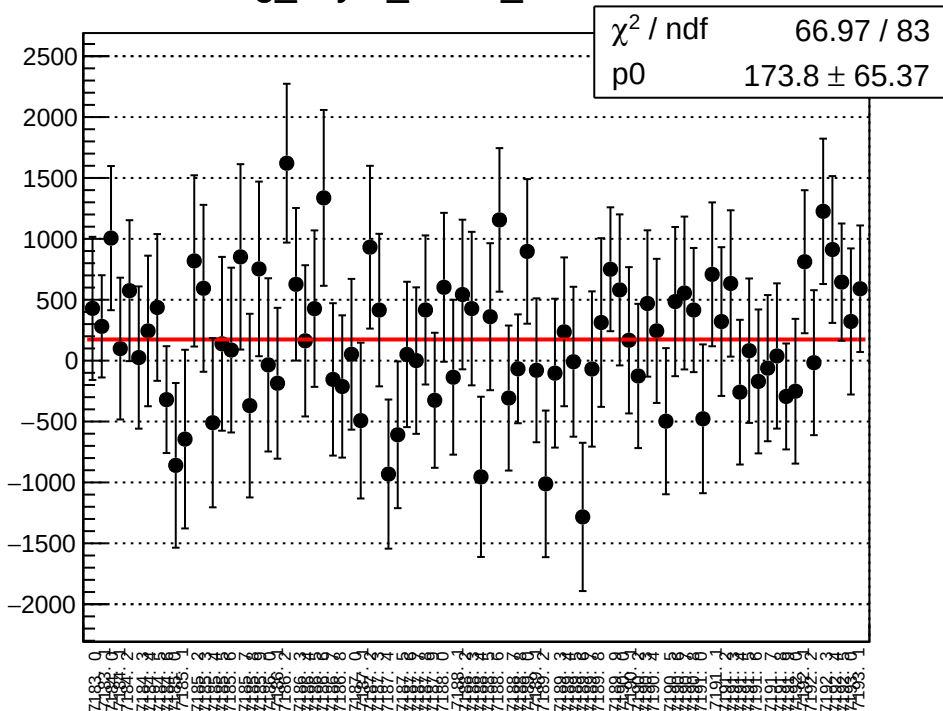
asym_sam7_eigen_cor_vs_cor_diff_mean vs run



asym sam7 eigen cor vs cor diff rms vs run



reg_asym_sam8_mean vs run



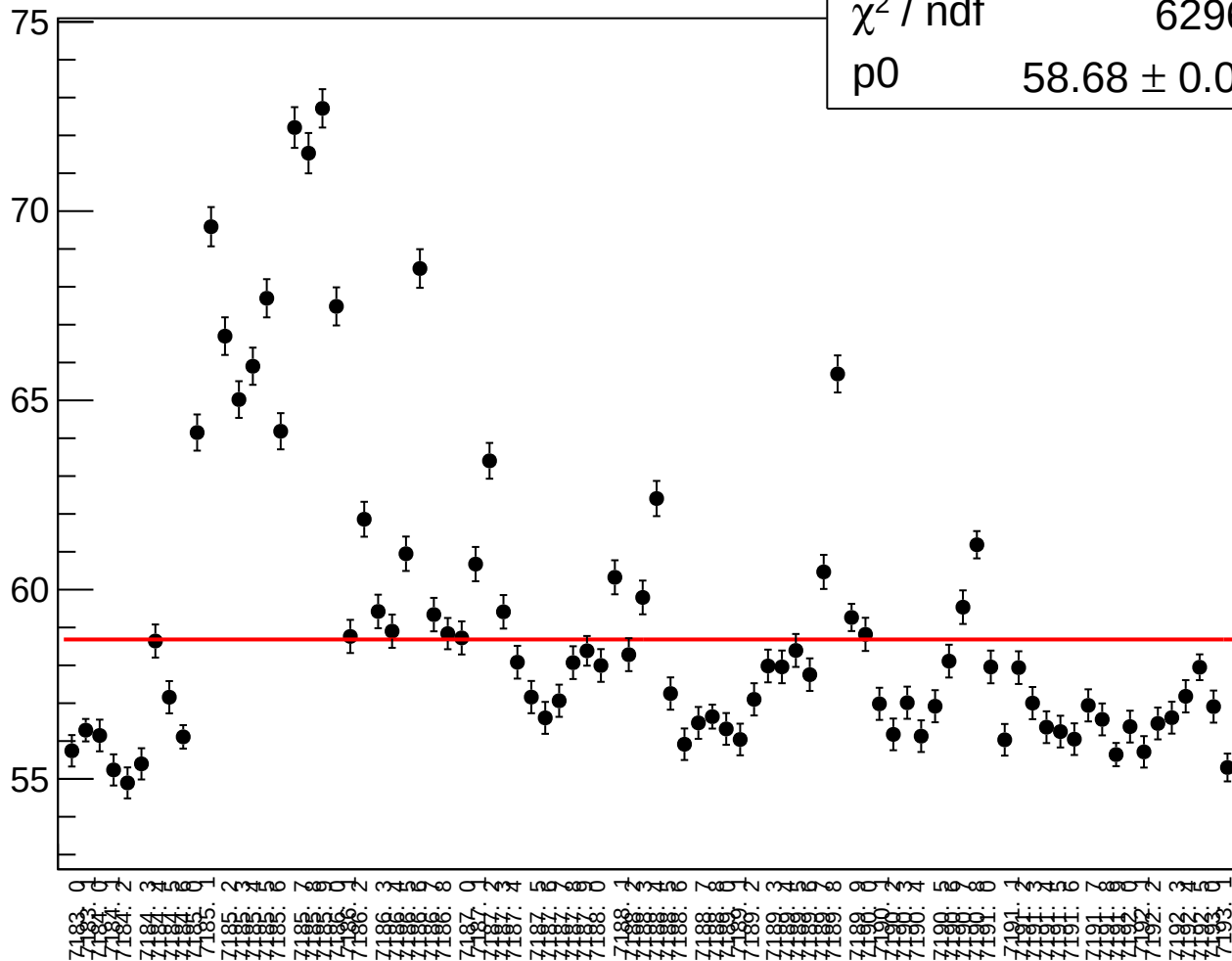
reg_asym_sam8_rms vs run

χ^2 / ndf

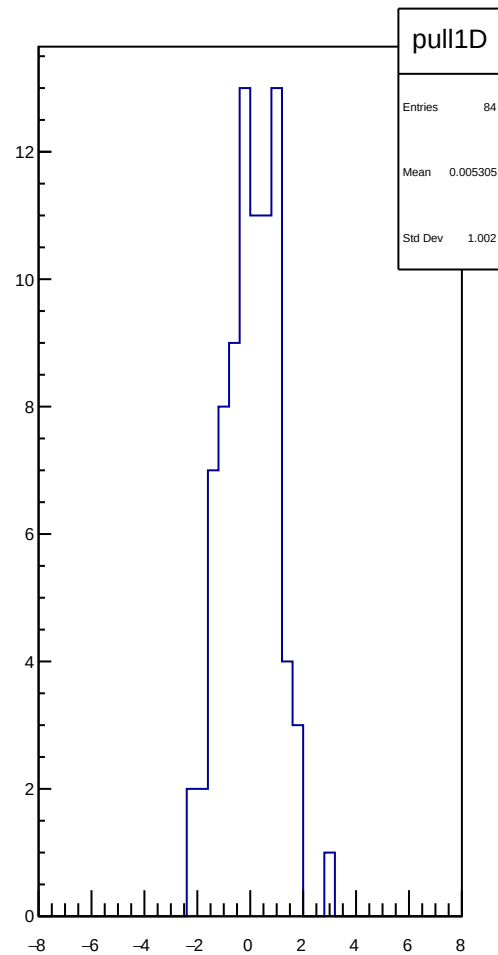
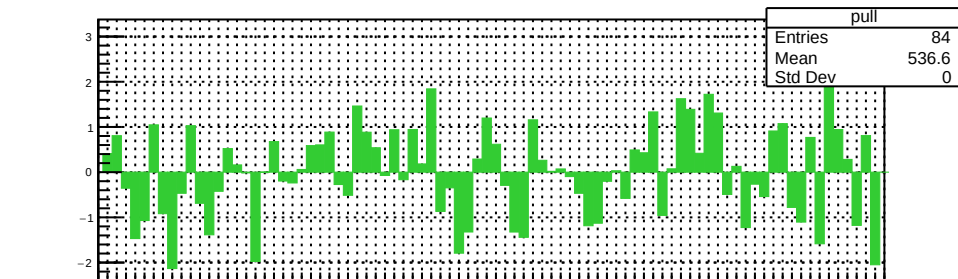
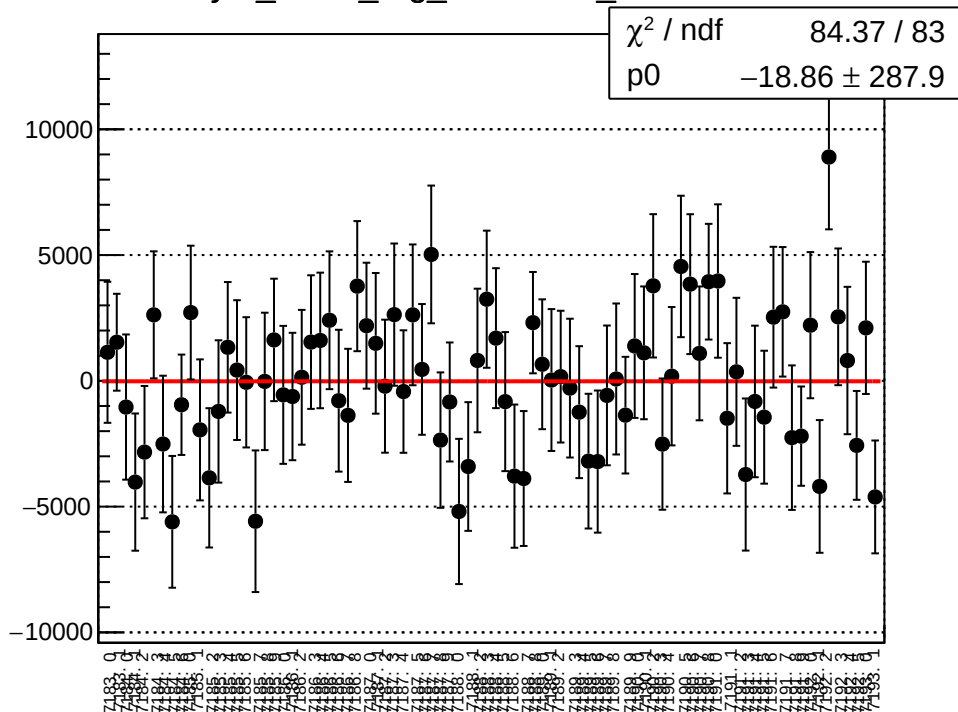
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p0

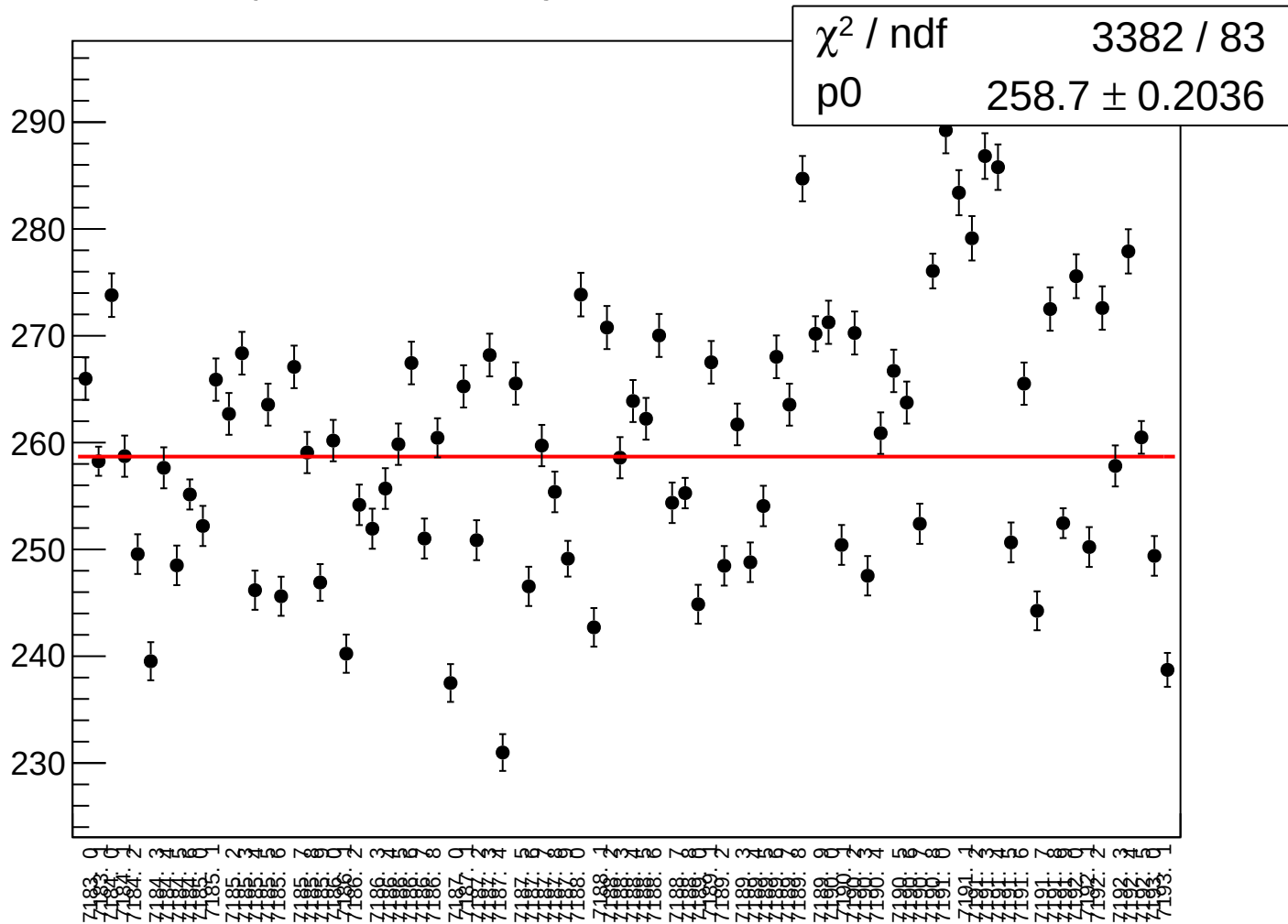
58.68 ± 0.04622



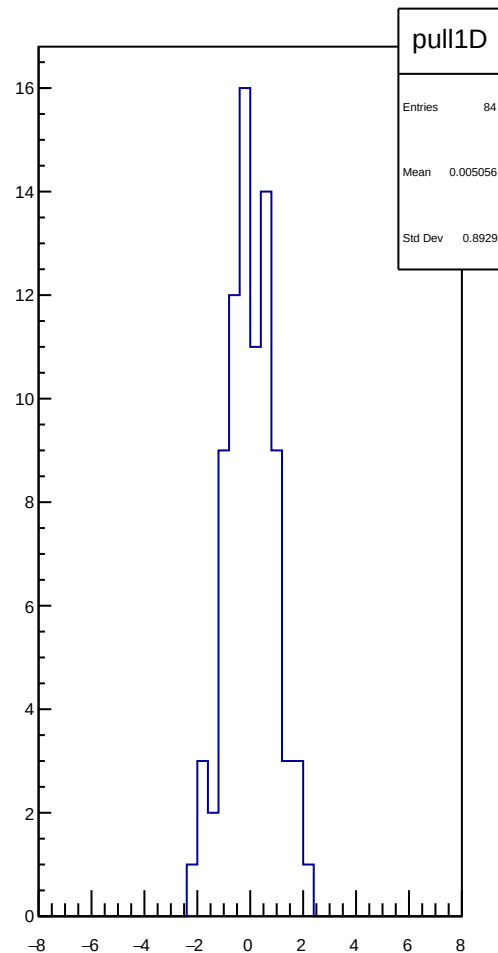
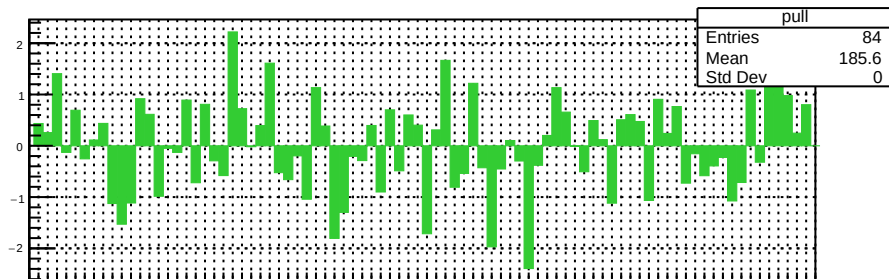
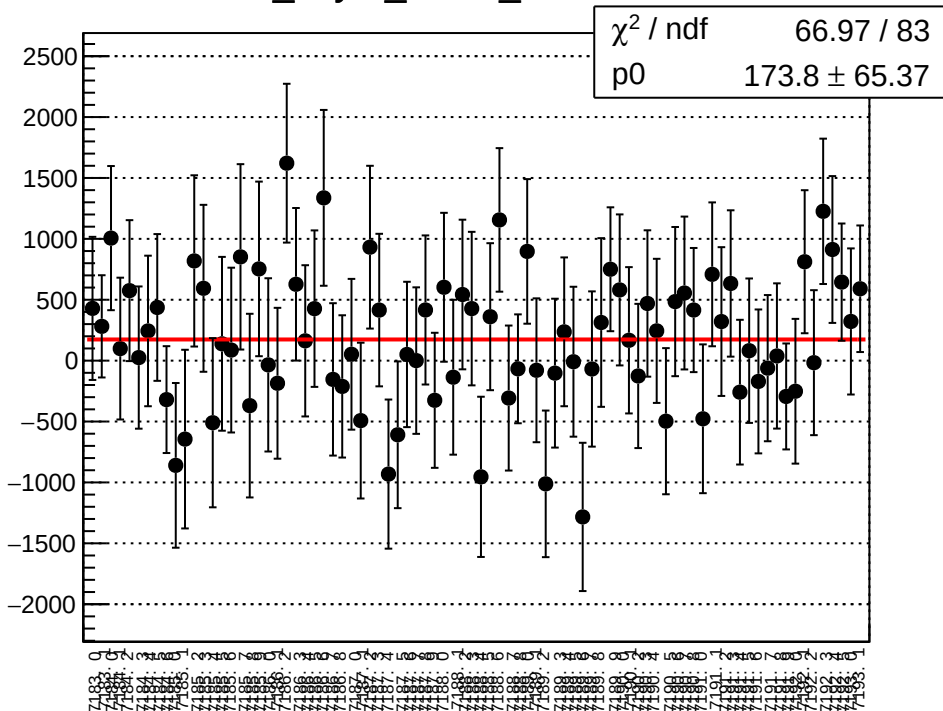
asym_sam8_reg_correction_mean vs run



asym_sam8_reg_correction_rms vs run



cor_asym_sam8_mean vs run



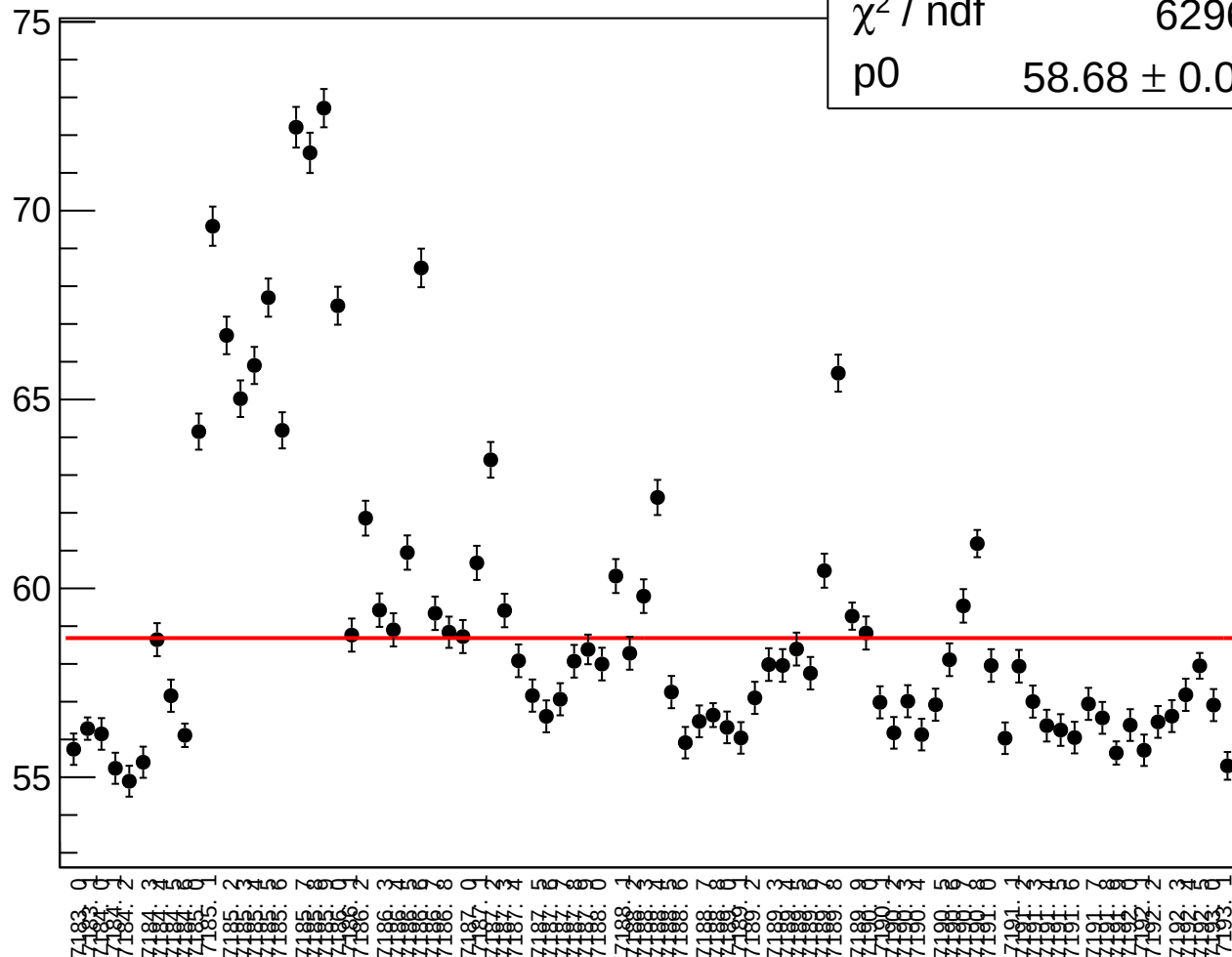
cor_asym_sam8_rms vs run

χ^2 / ndf

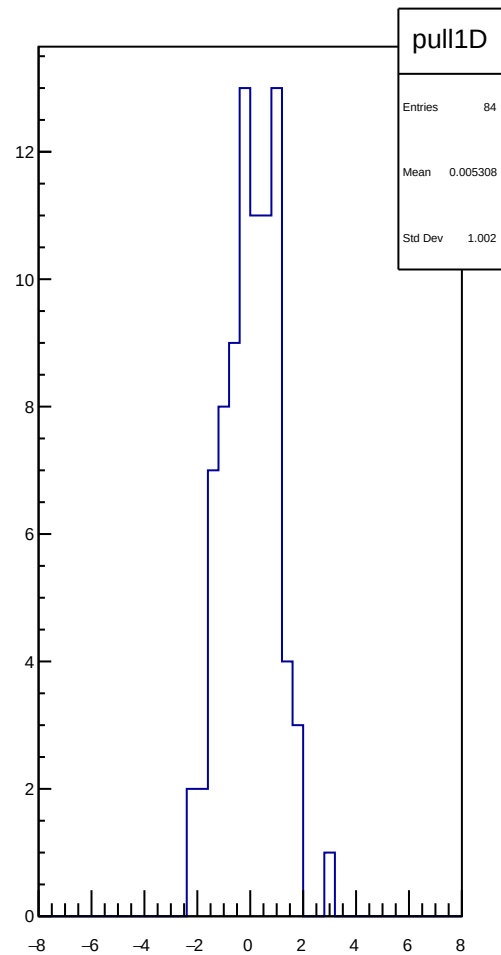
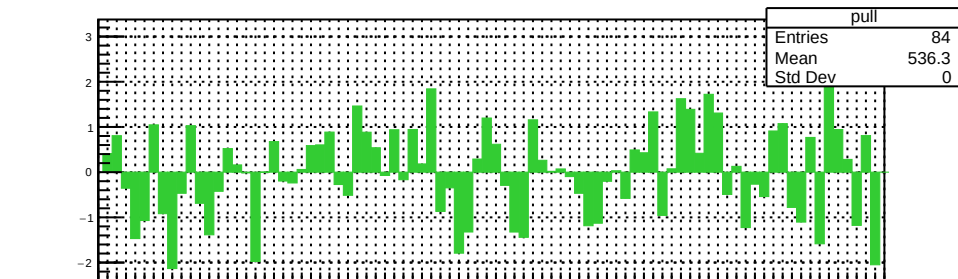
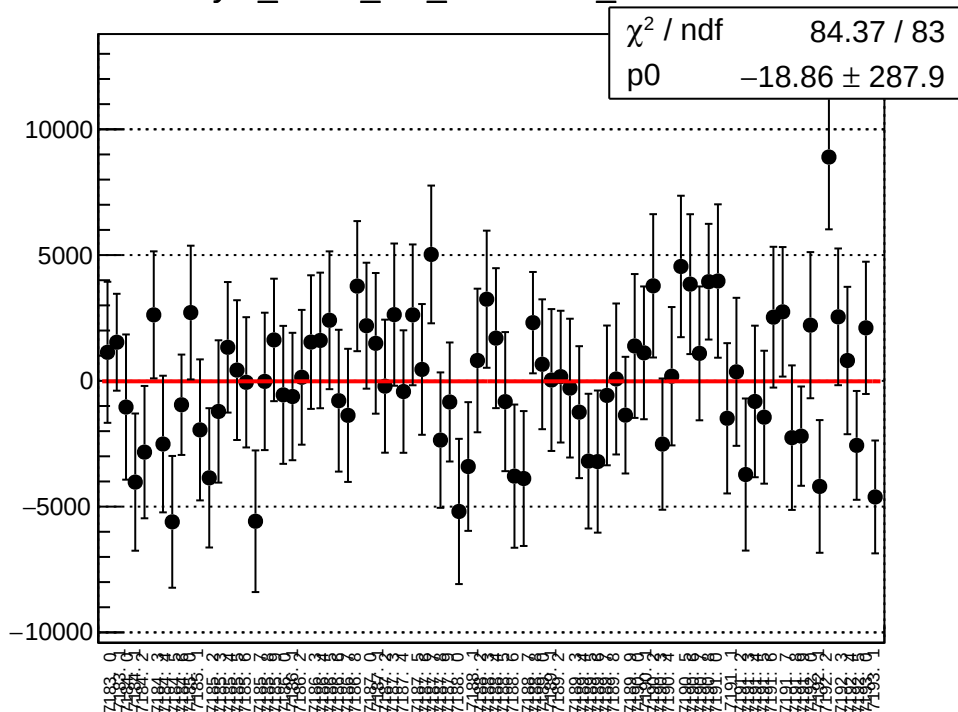
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p0

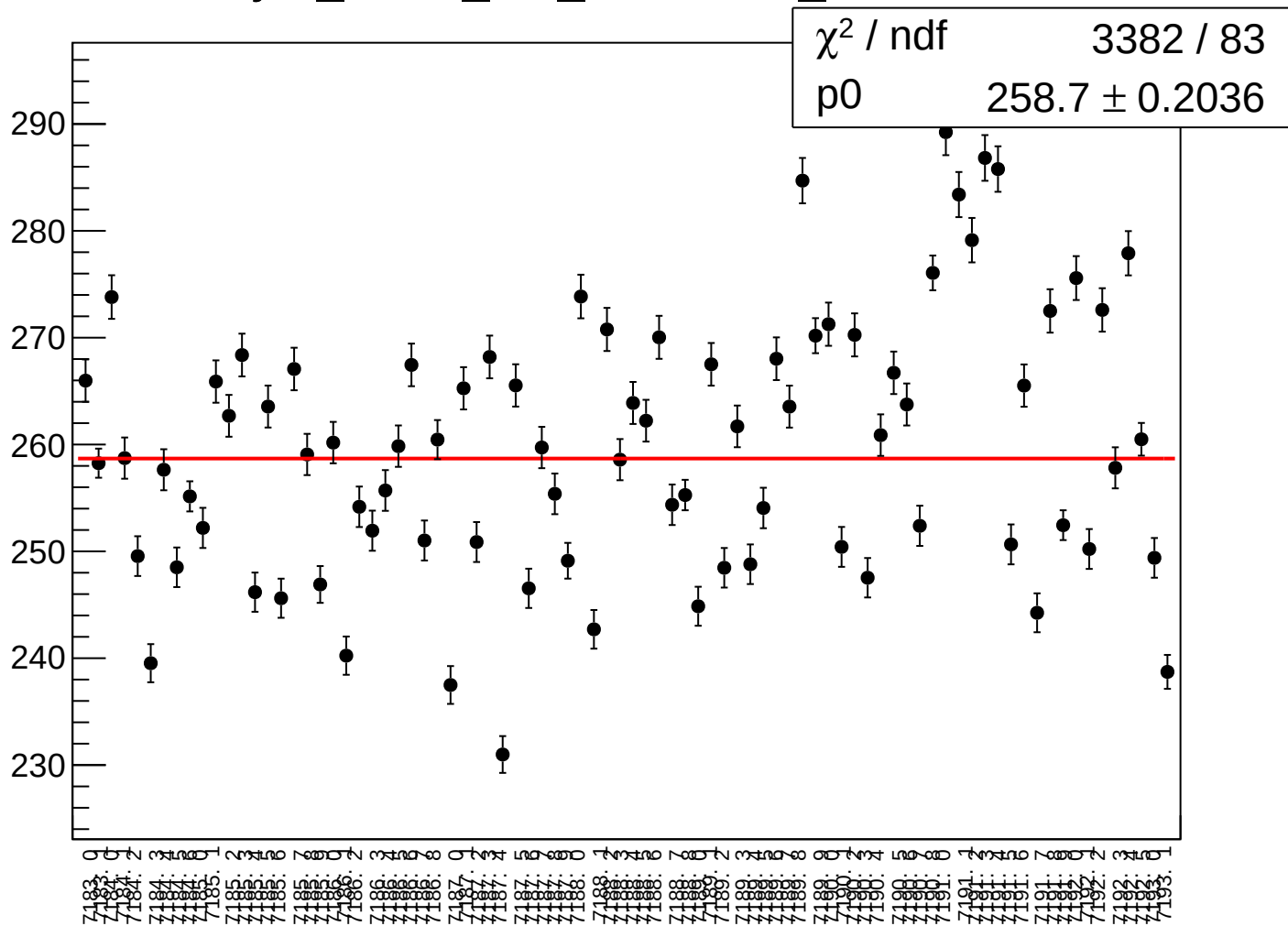
58.68 ± 0.04622



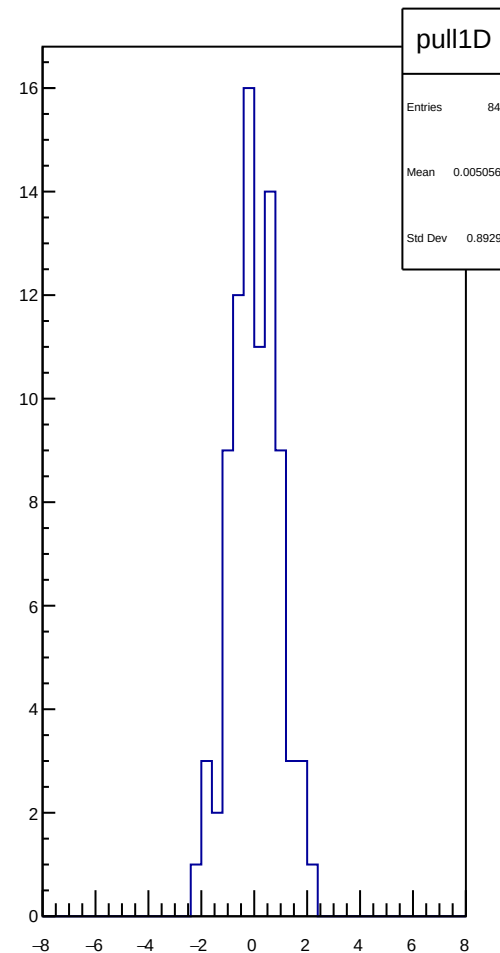
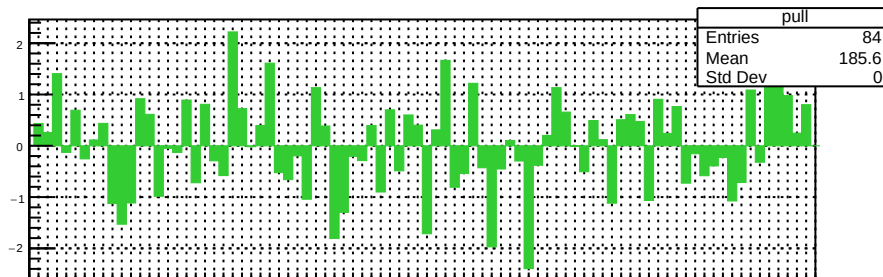
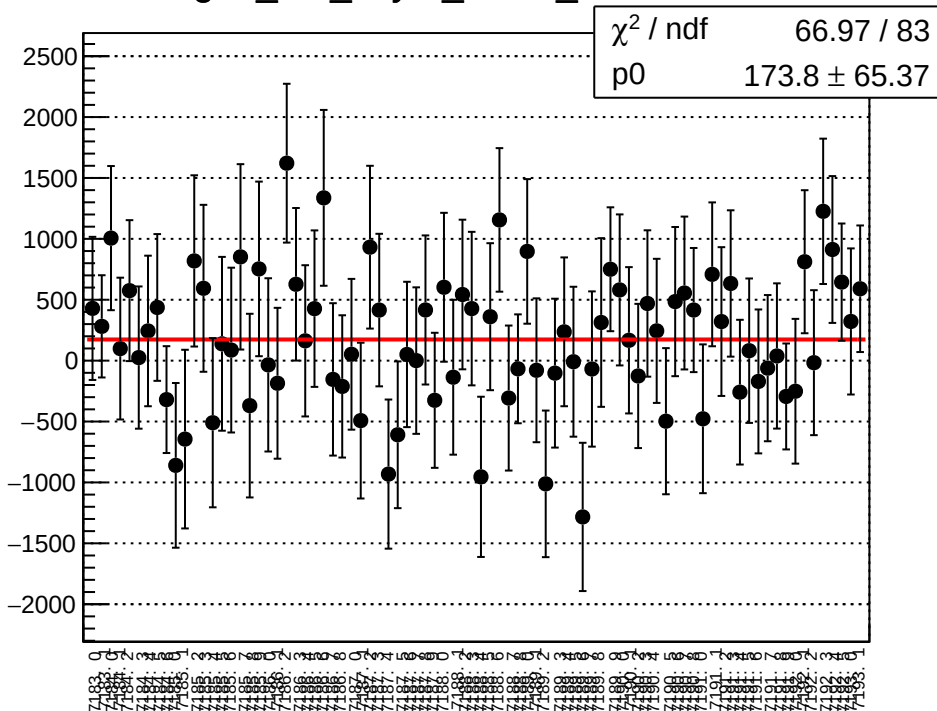
asym_sam8_cor_correction_mean vs run



asym_sam8_cor_correction_rms vs run



eigen_cor_asym_sam8_mean vs run



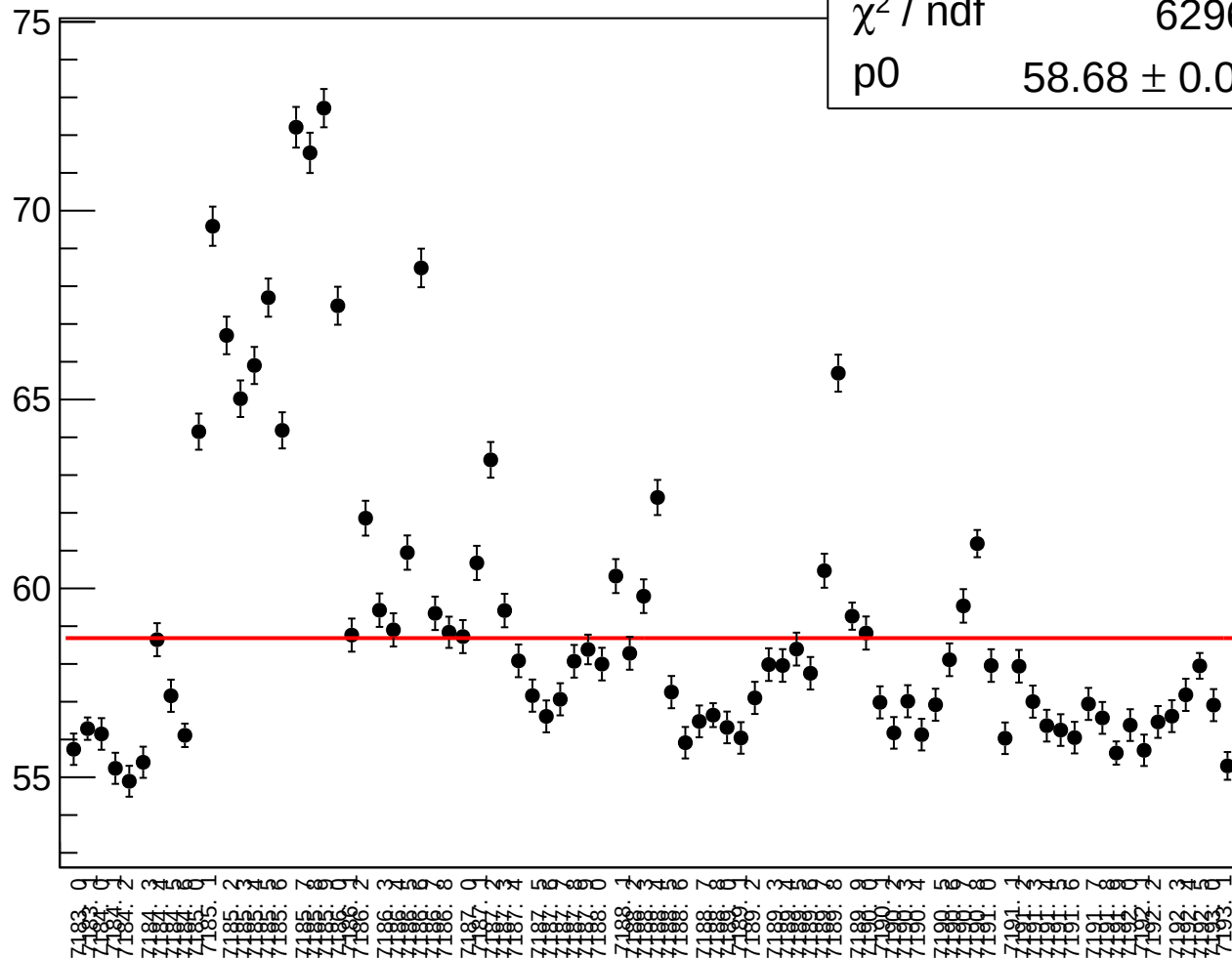
eigen_cor_asym_sam8_rms vs run

χ^2 / ndf

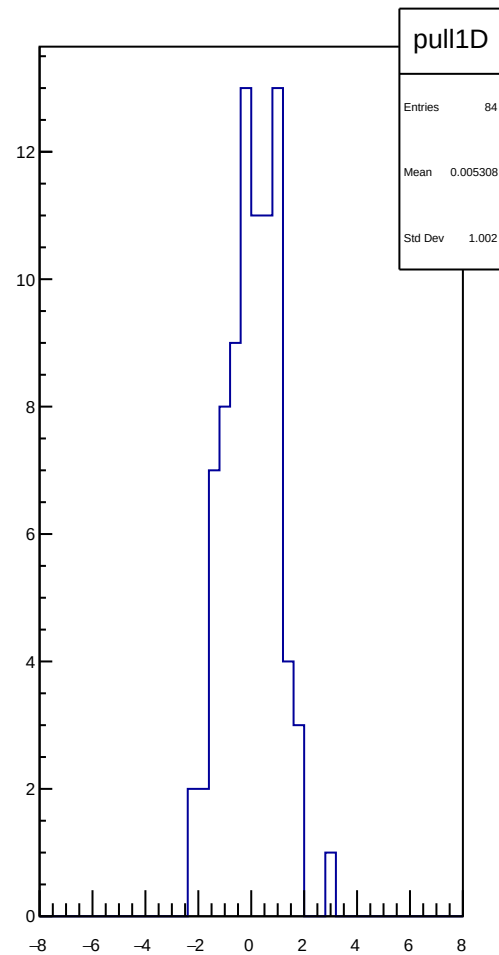
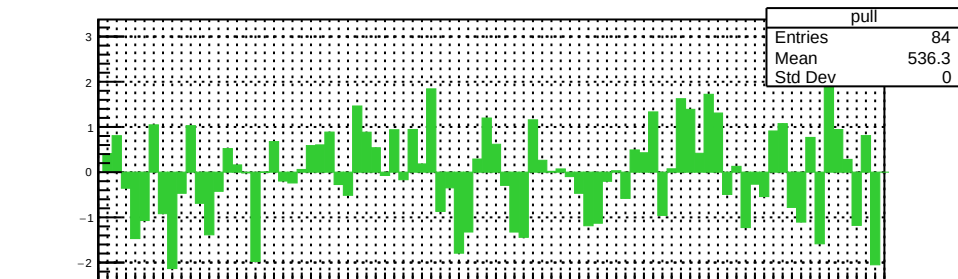
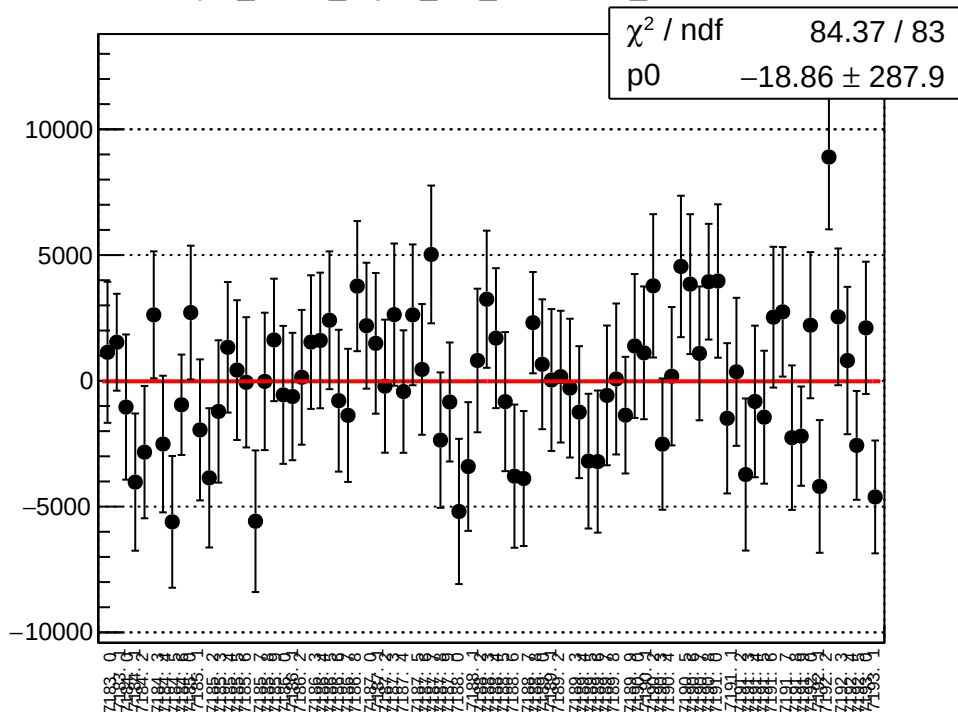
6296 / 83

p0

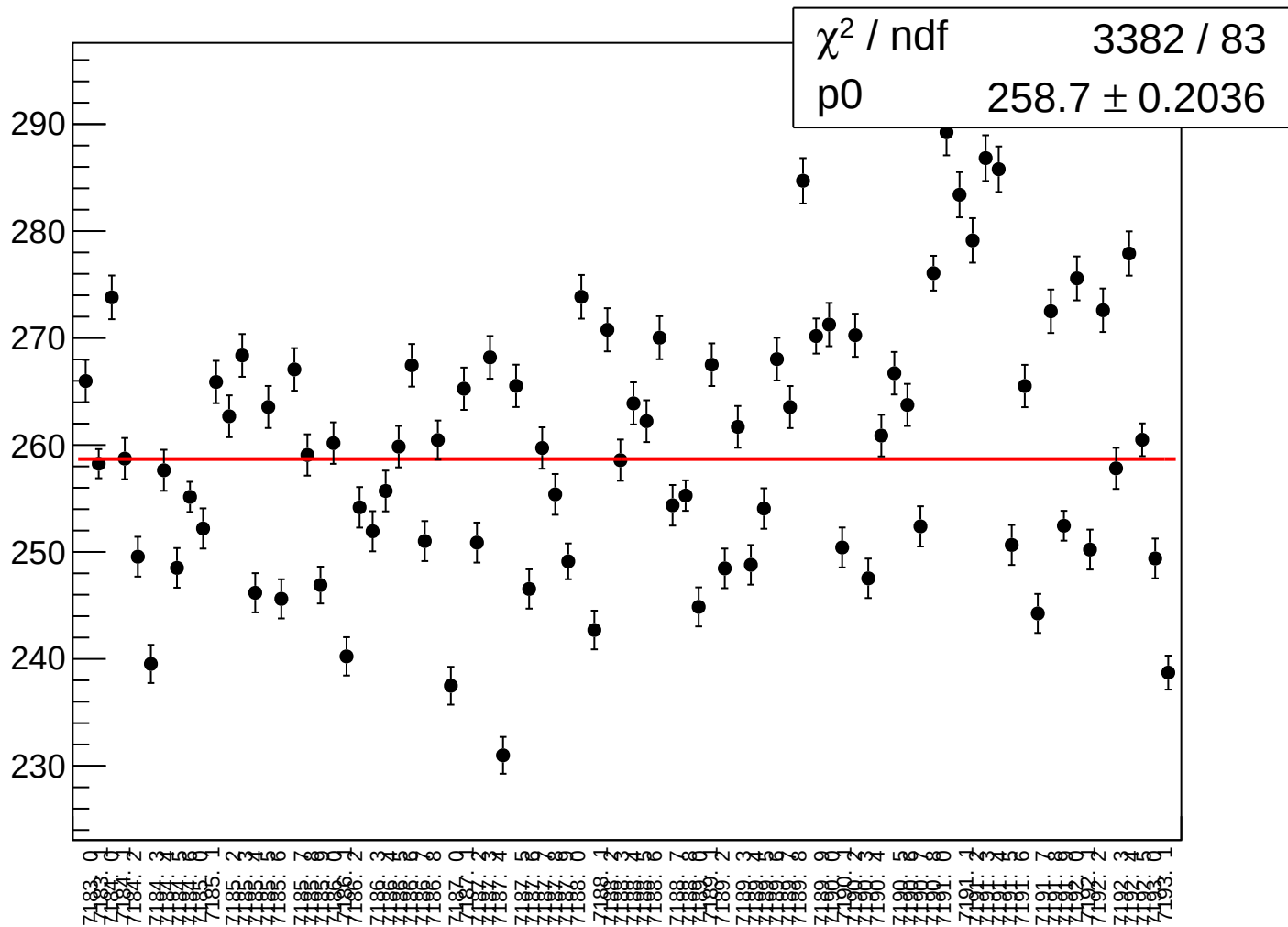
58.68 ± 0.04622



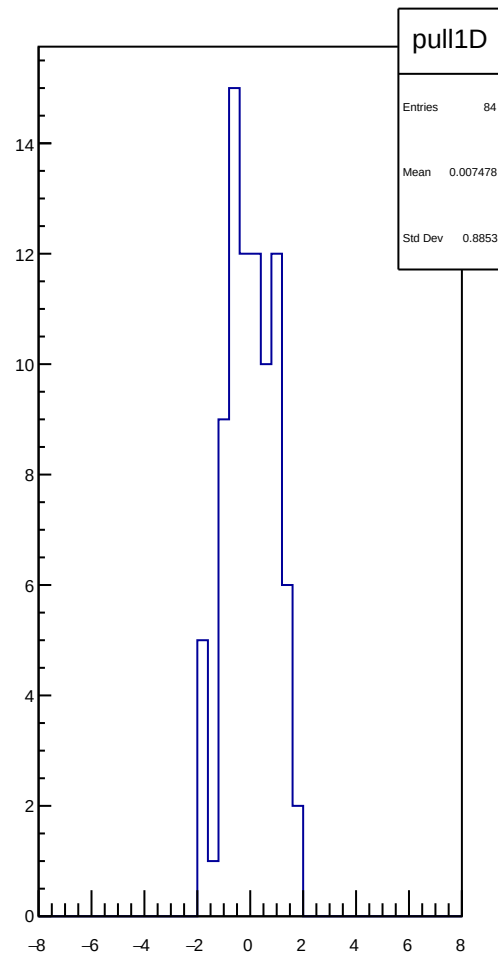
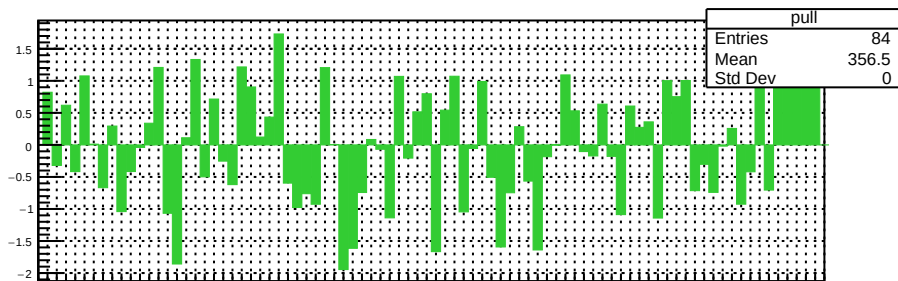
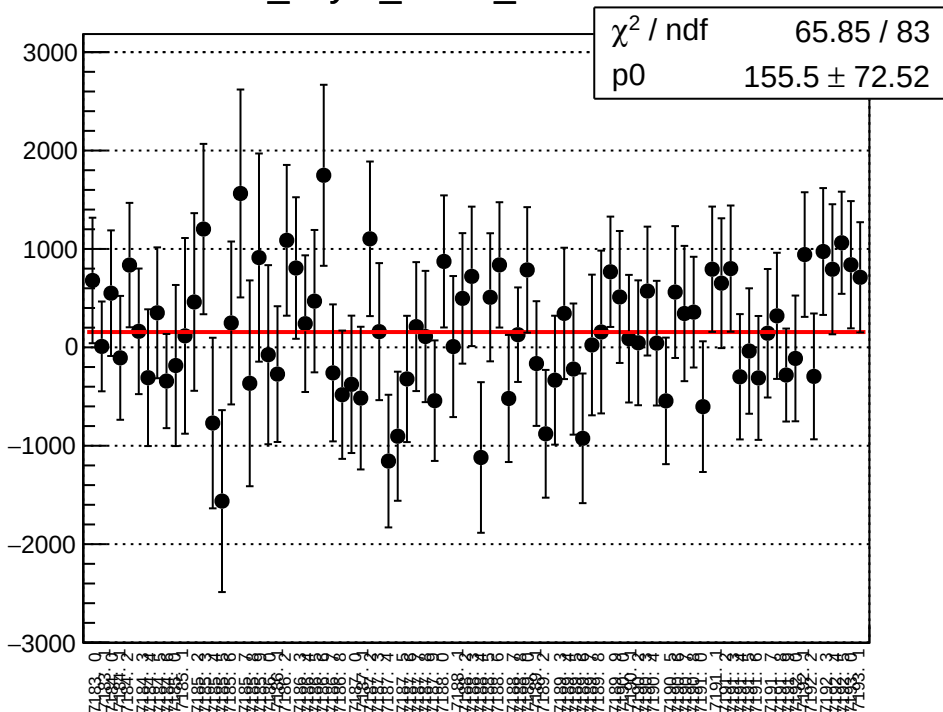
asym_sam8_eigen_cor_correction_mean vs run



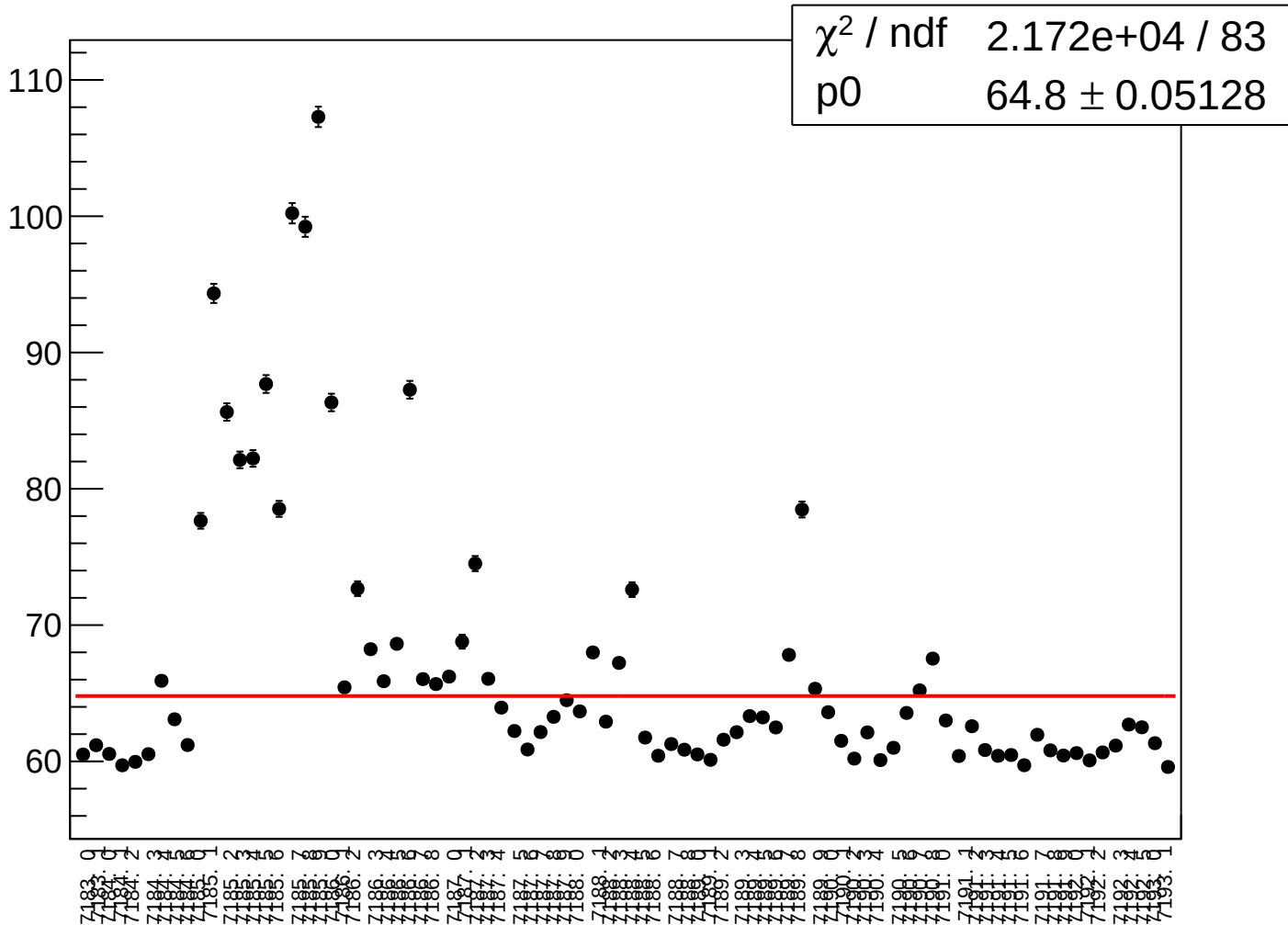
asym_sam8_eigen_cor_correction_rms vs run



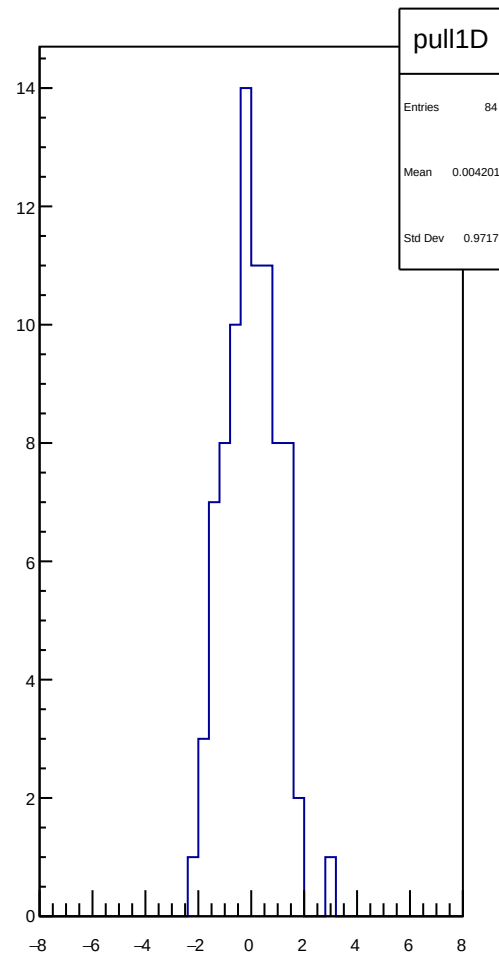
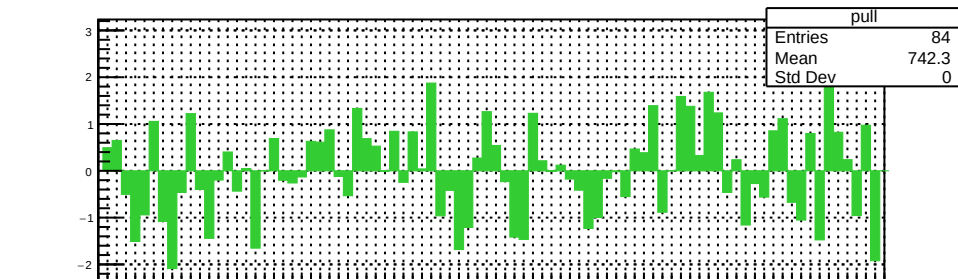
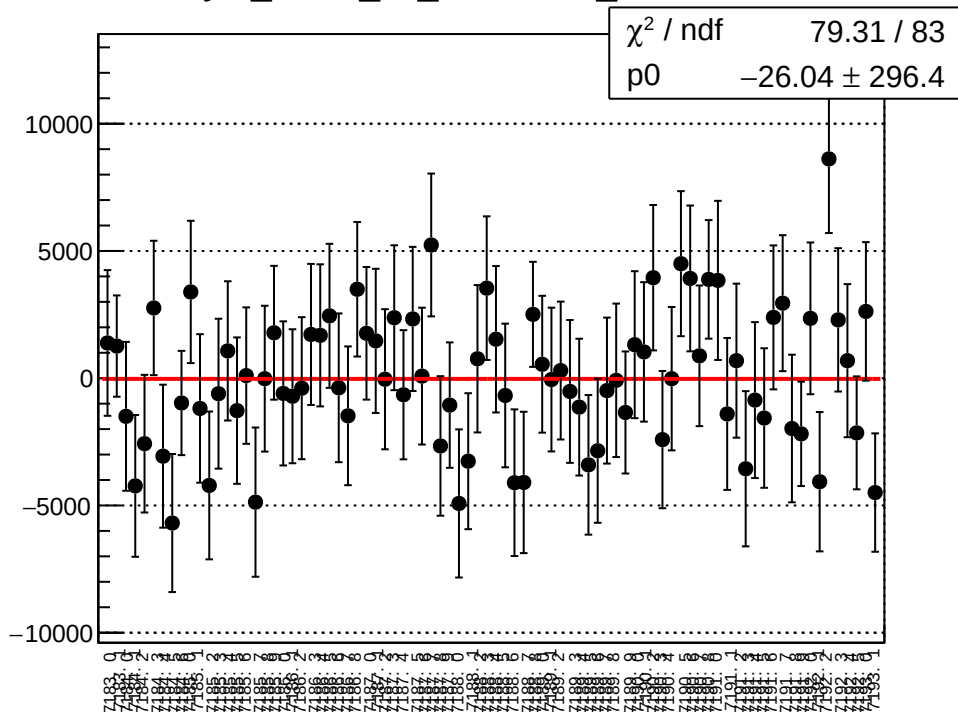
dit_asym_sam8_mean vs run



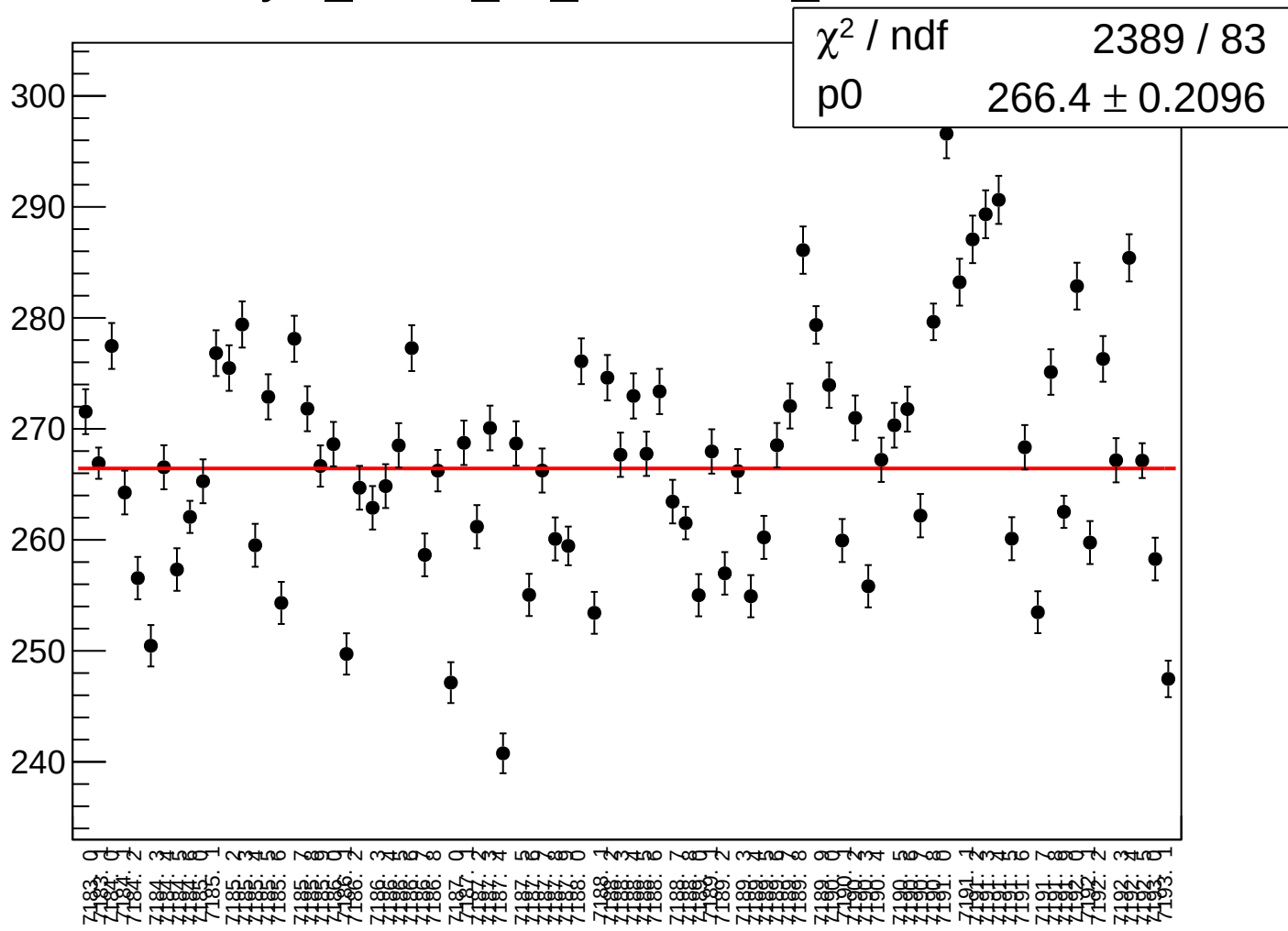
dit_asym_sam8_rms vs run



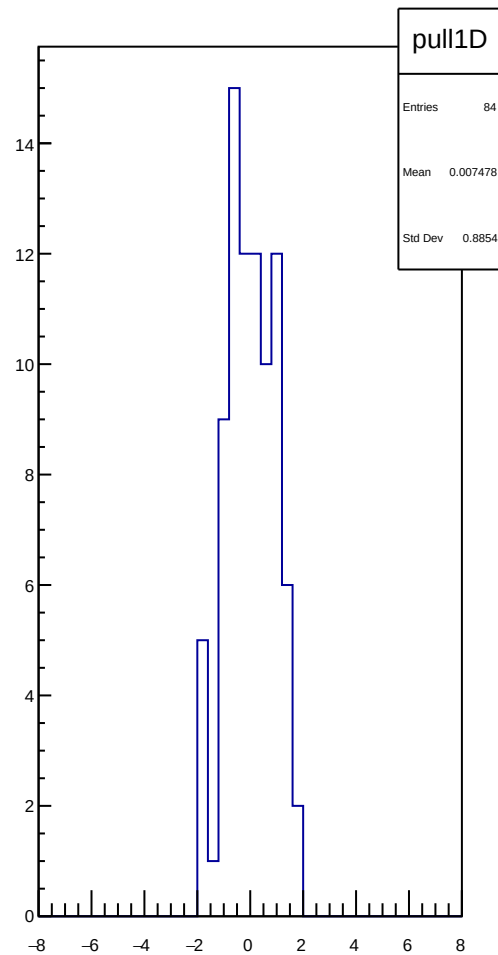
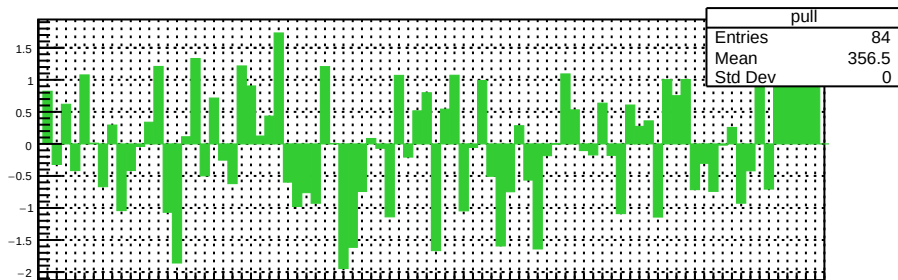
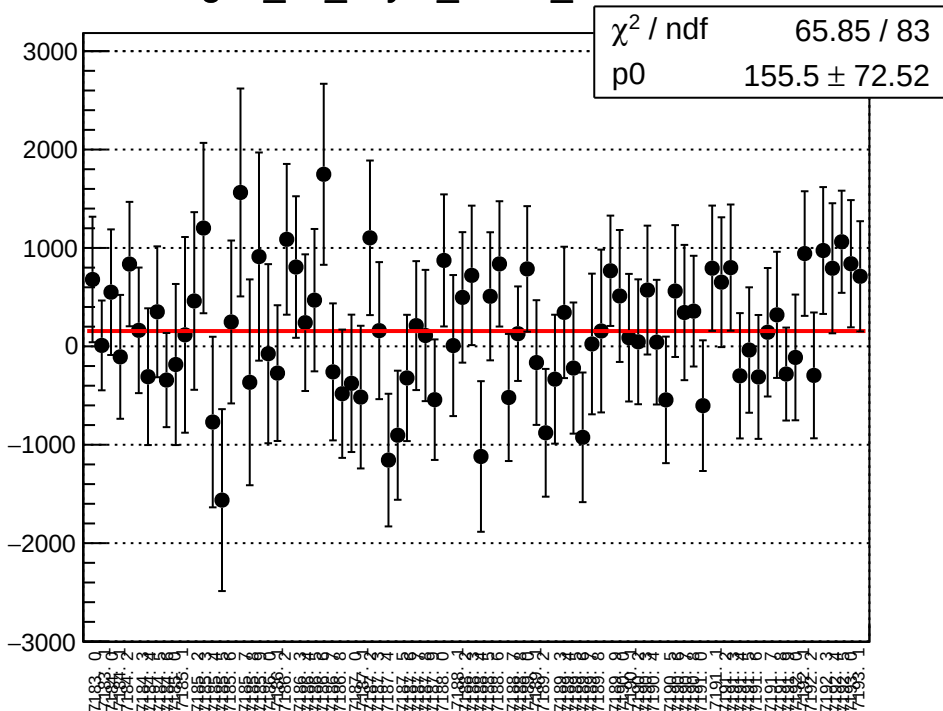
asym_sam8_dit_correction_mean vs run



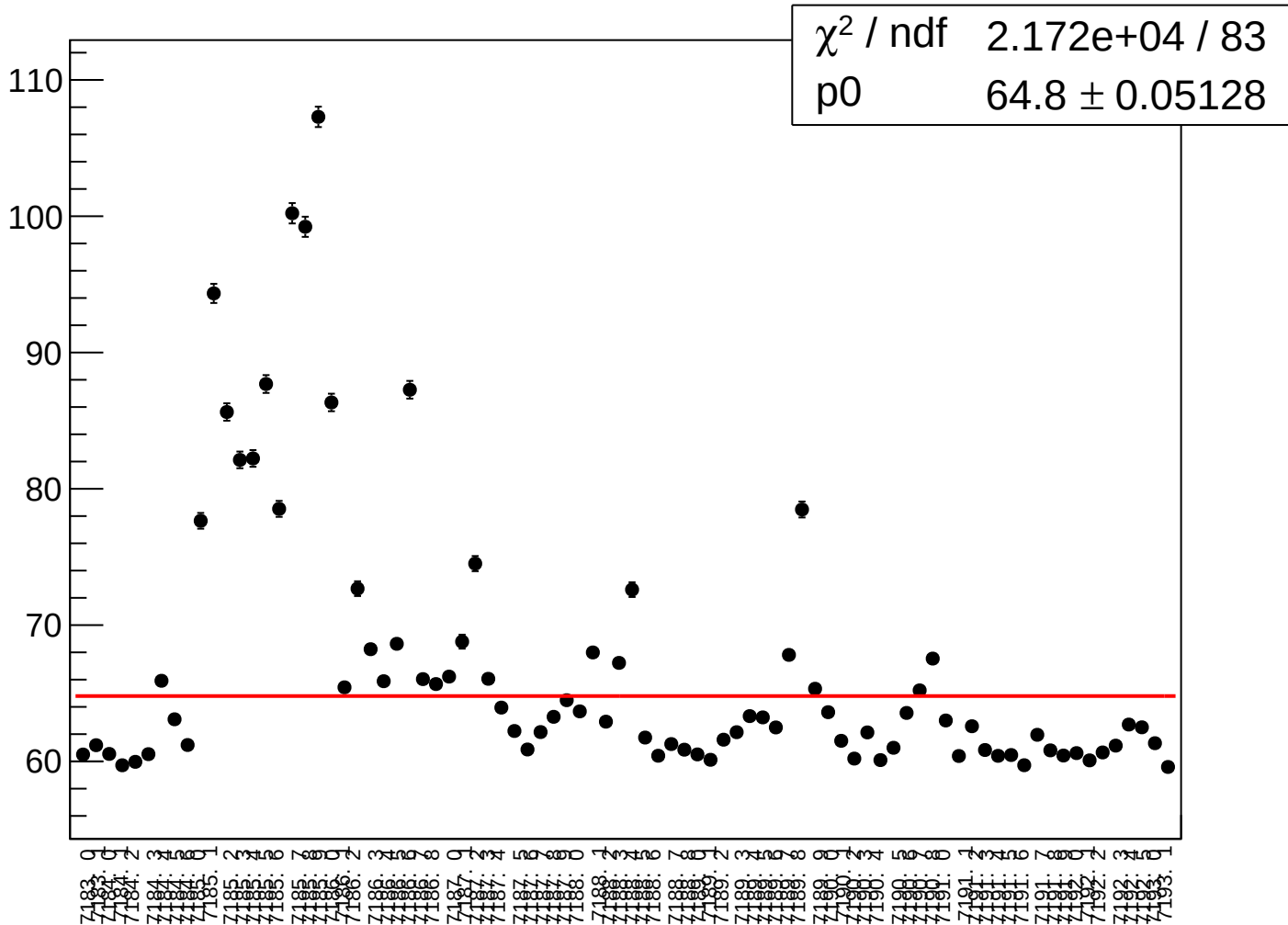
asym_sam8_dit_correction_rms vs run



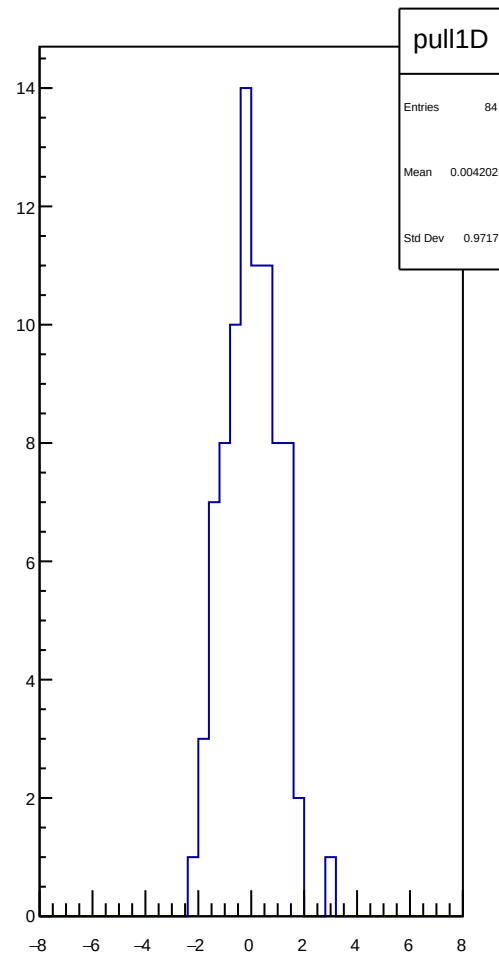
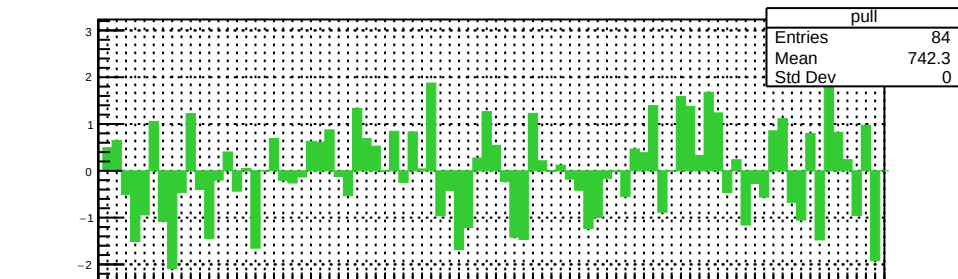
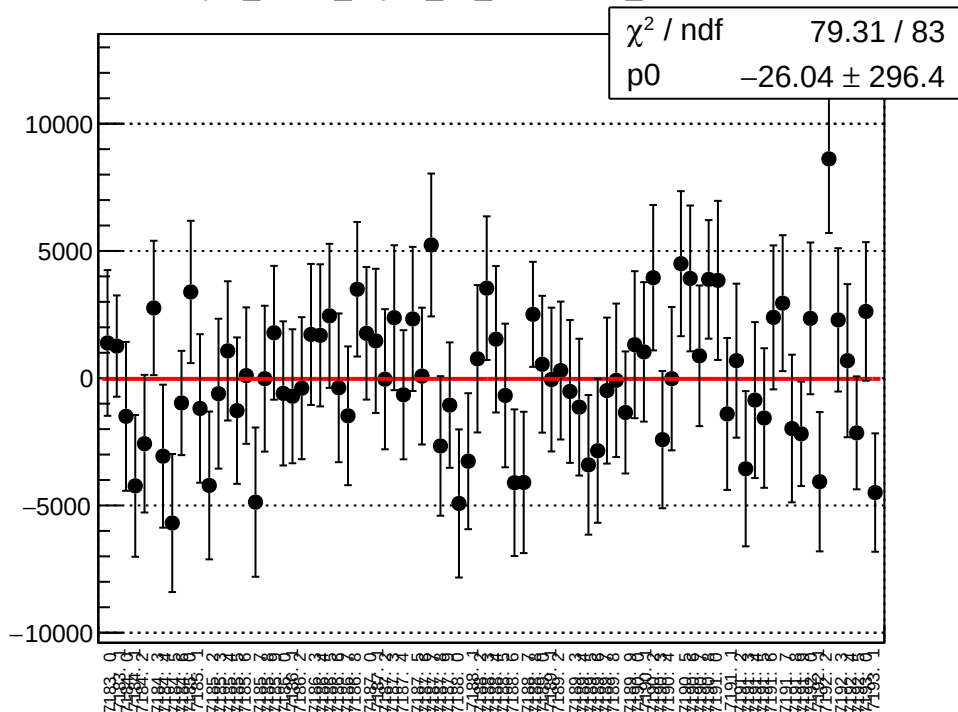
eigen_dit_asym_sam8_mean vs run



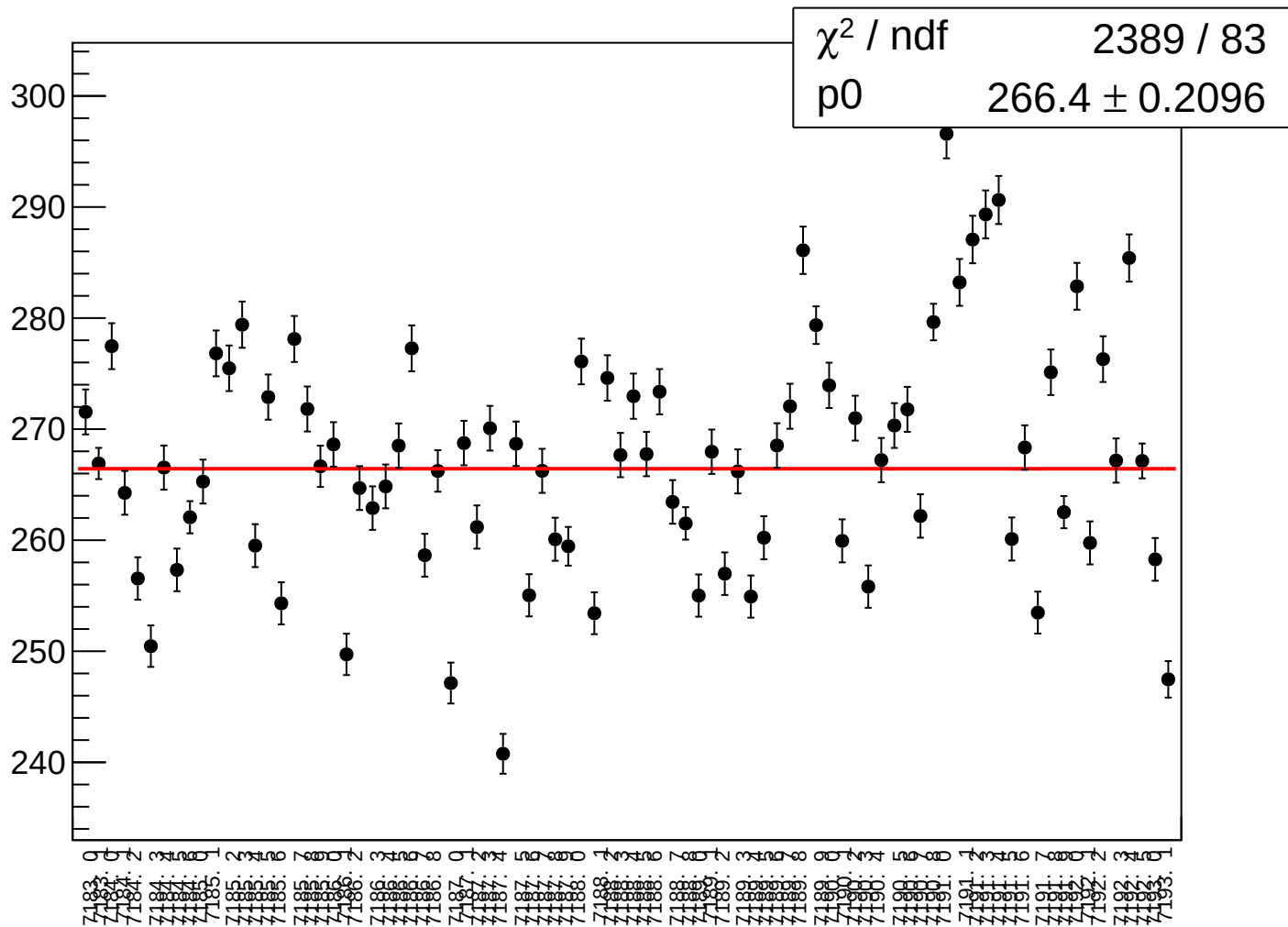
eigen_dit_asym_sam8_rms vs run



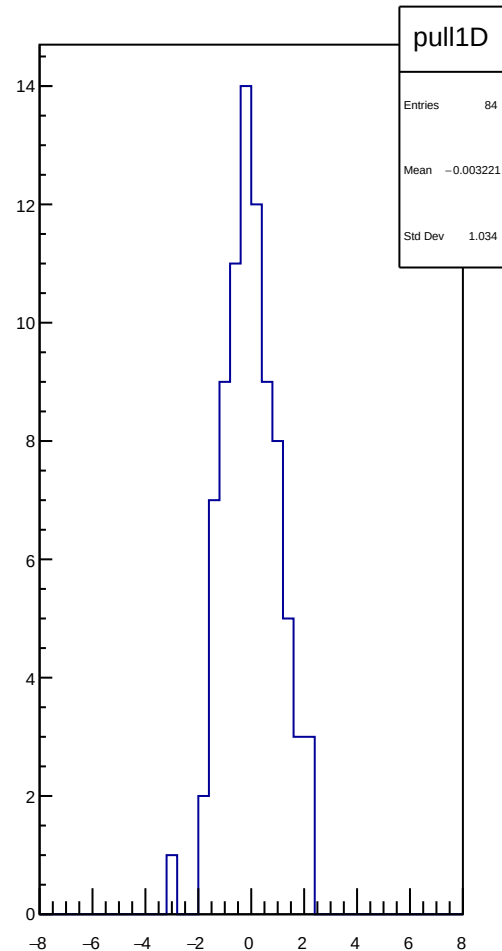
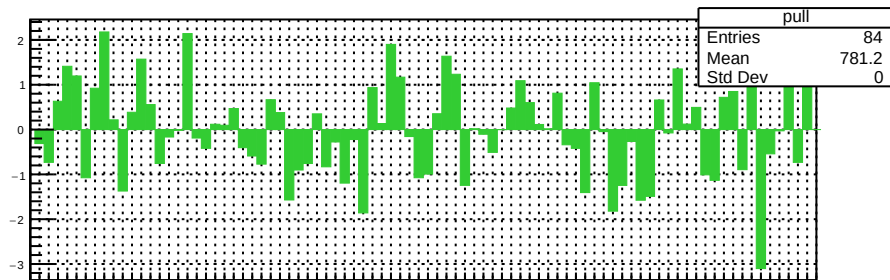
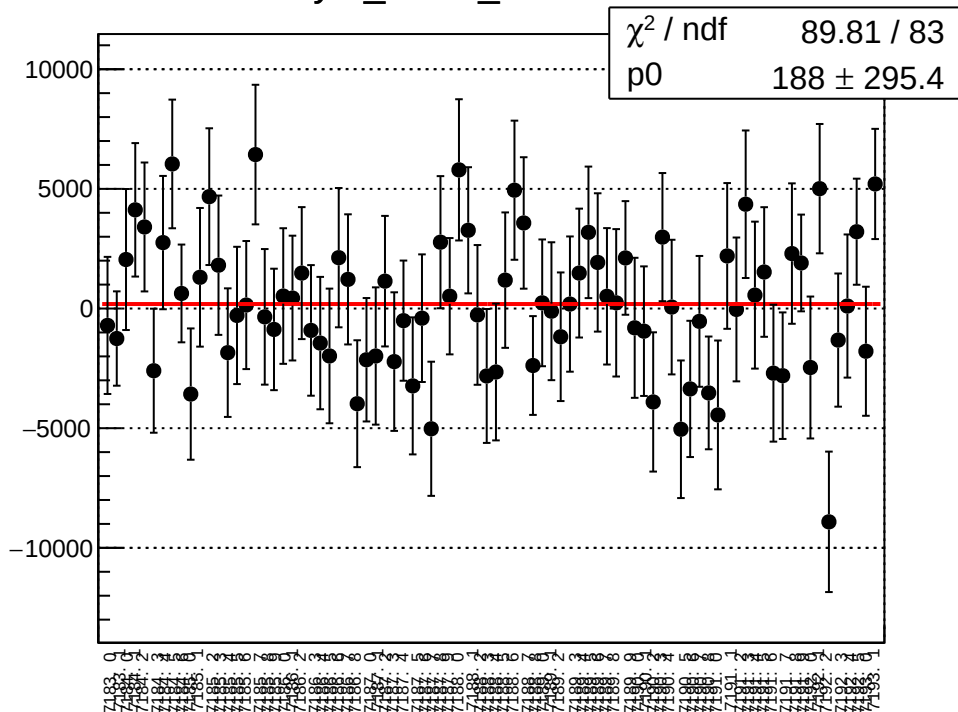
asym_sam8_eigen_dit_correction_mean vs run



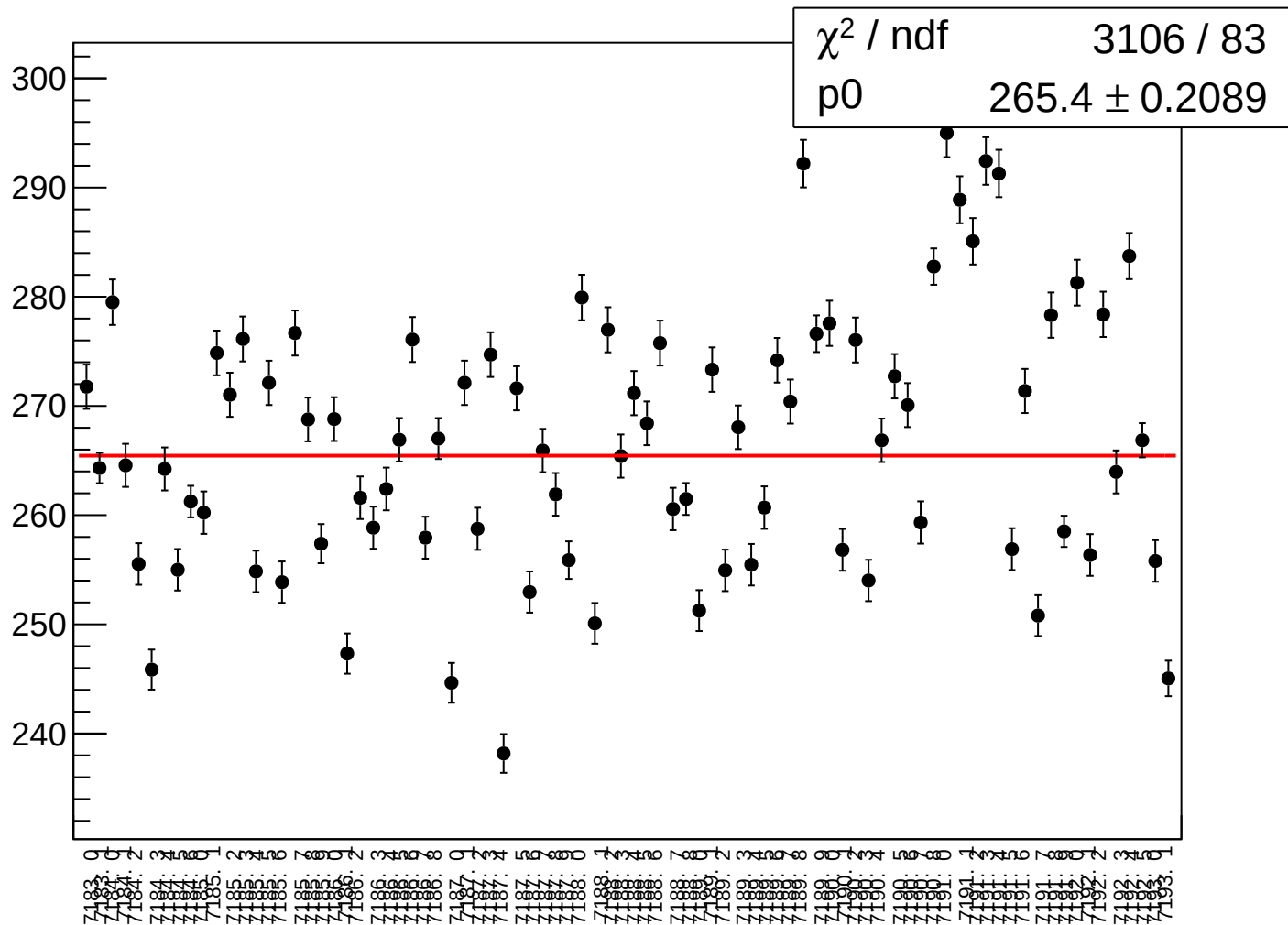
asym_sam8_eigen_dit_correction_rms vs run



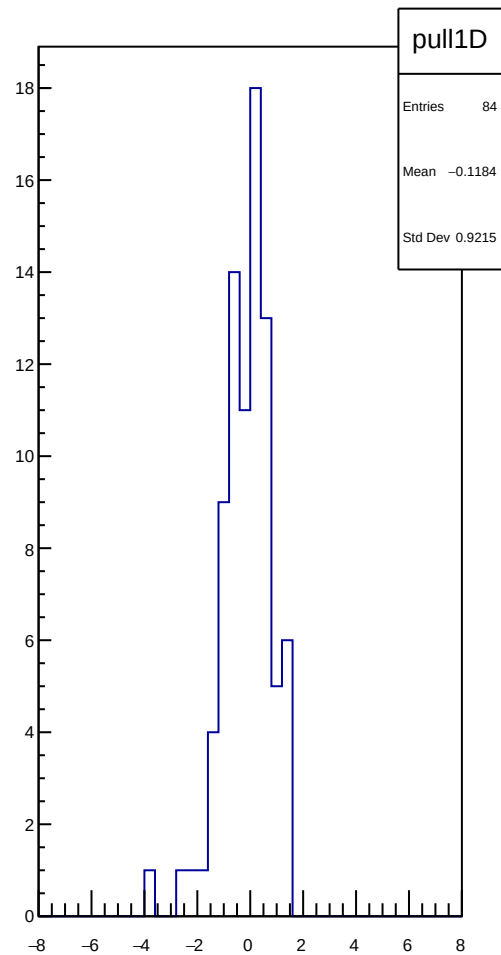
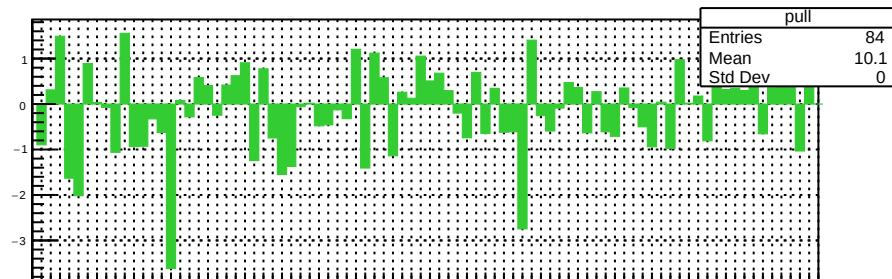
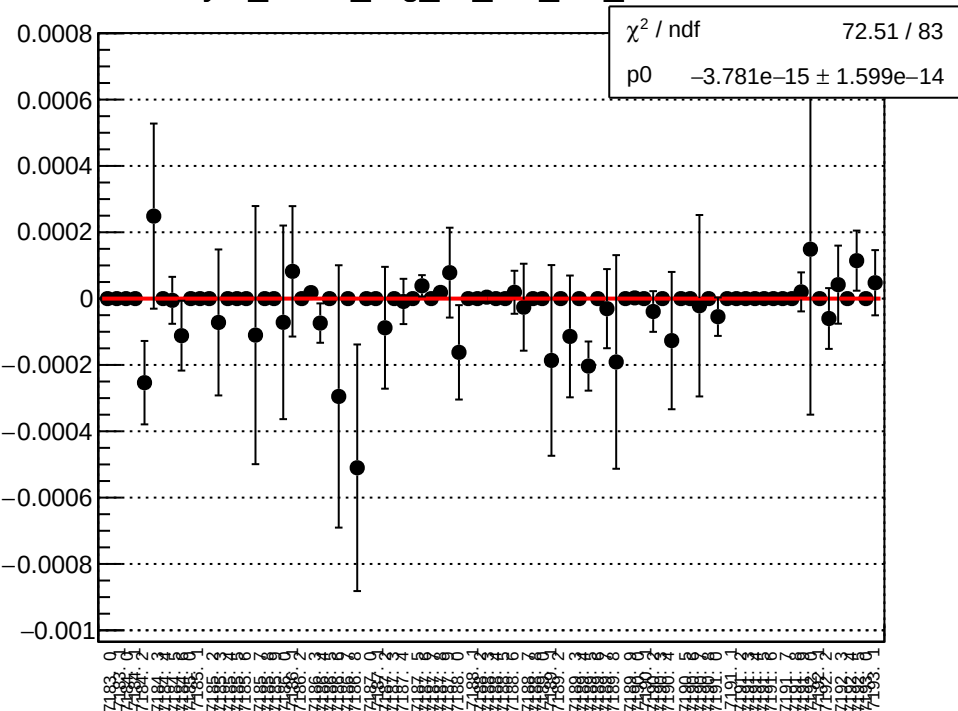
asym_sam8_mean vs run



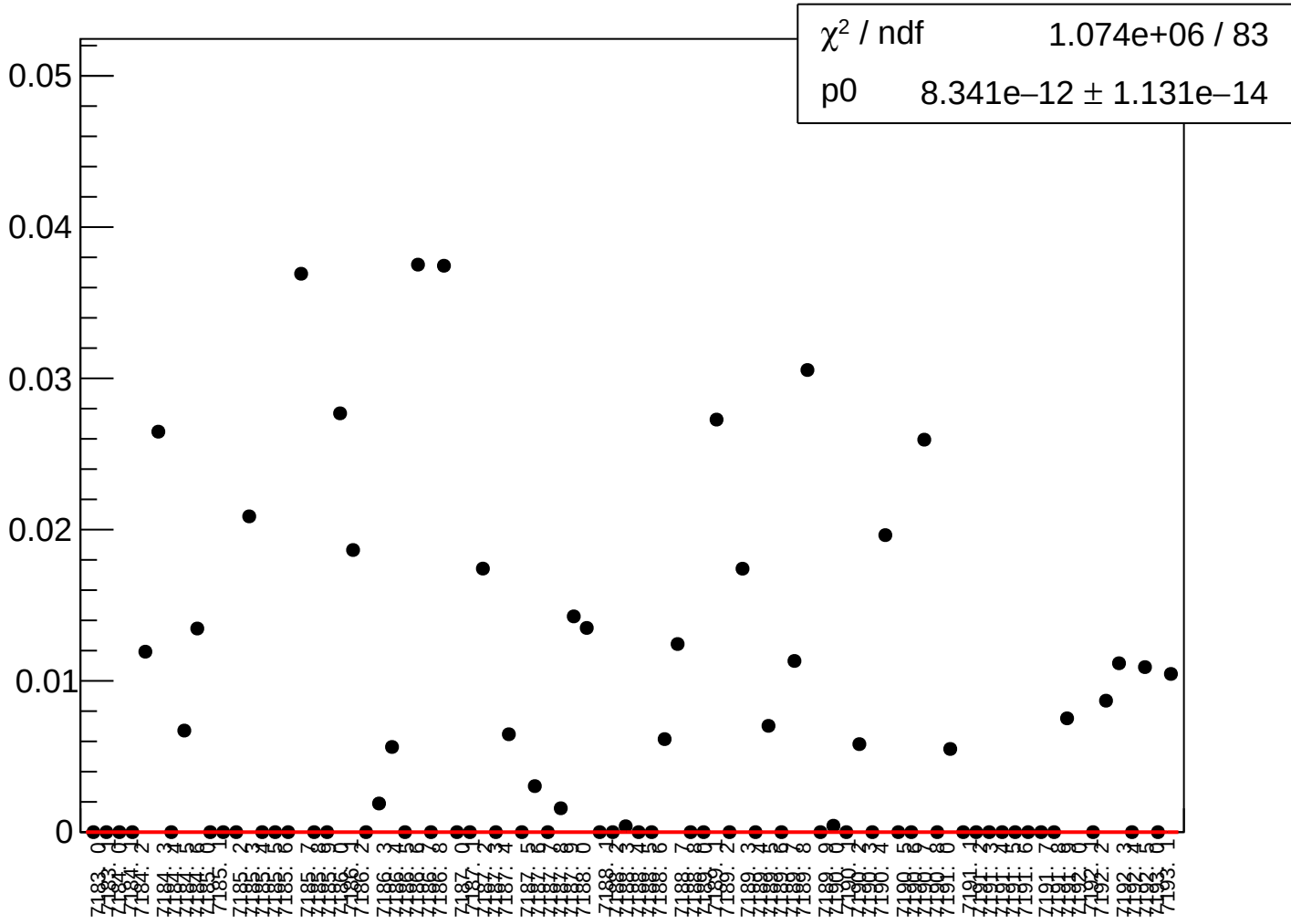
asym_sam8_rms vs run



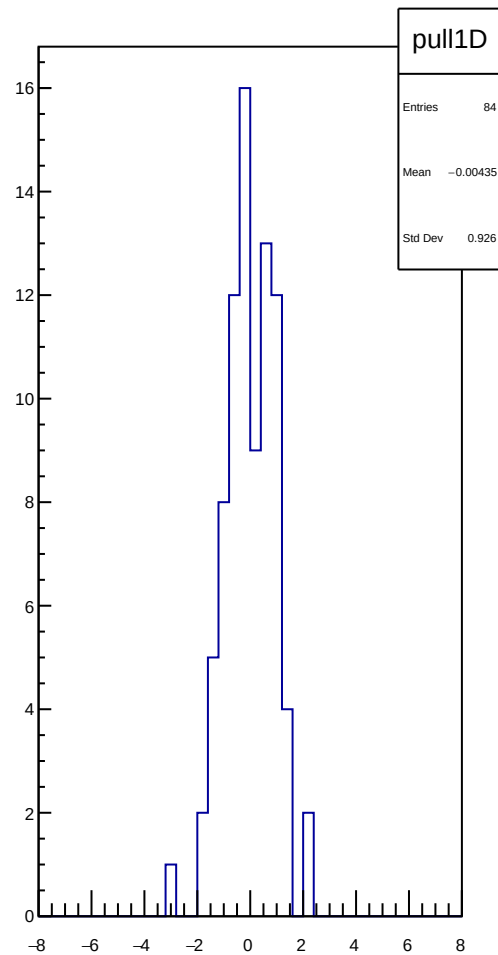
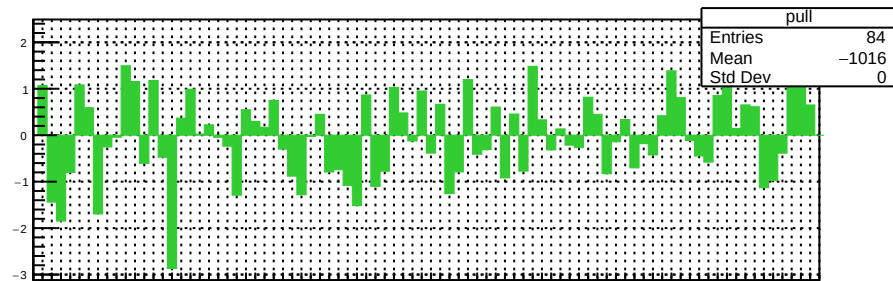
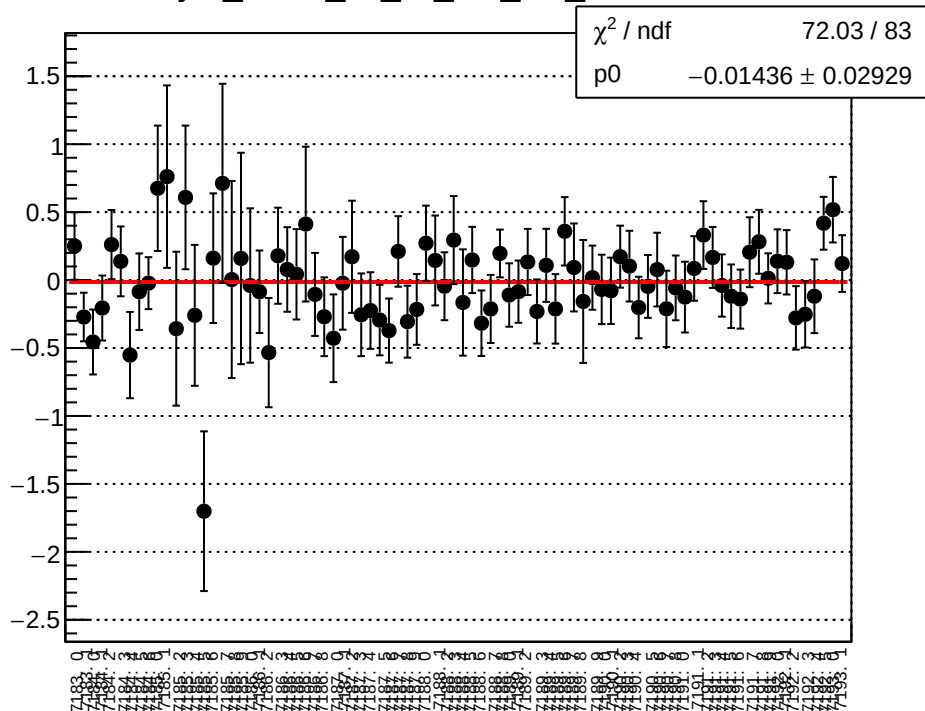
asym_sam8_reg_vs_cor_diff_mean vs run



asym_sam8_reg_vs_cor_diff_rms vs run

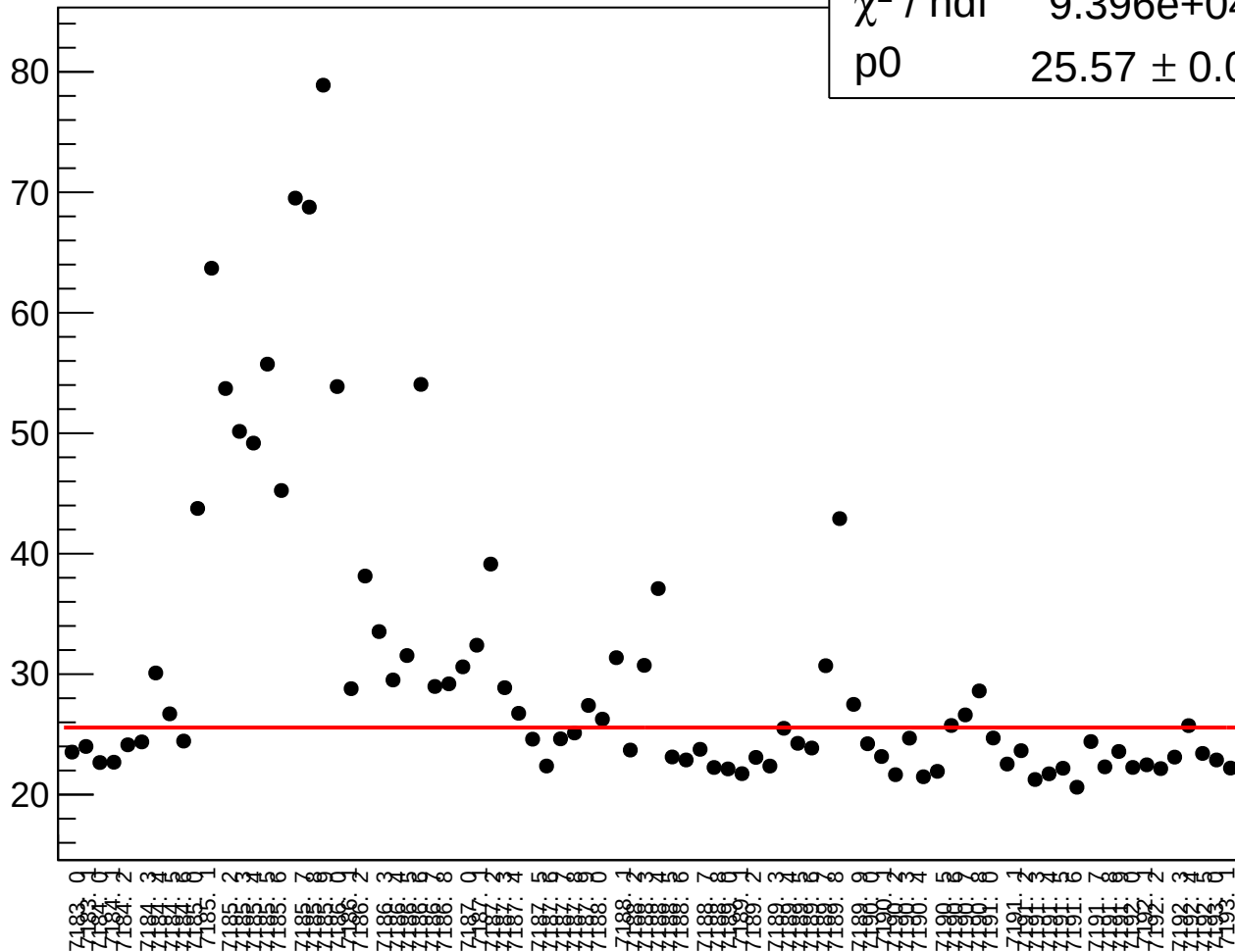


asym_sam8_dit_vs_cor_diff_mean vs run

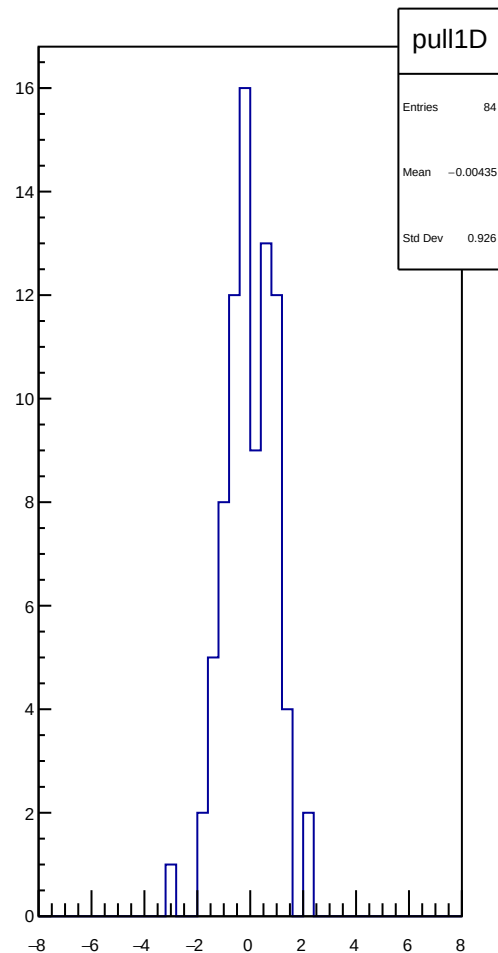
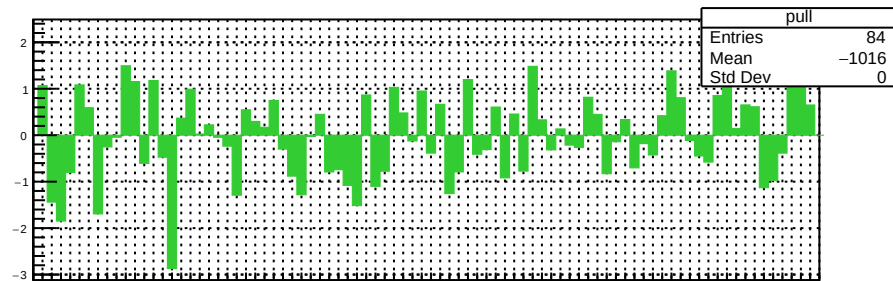
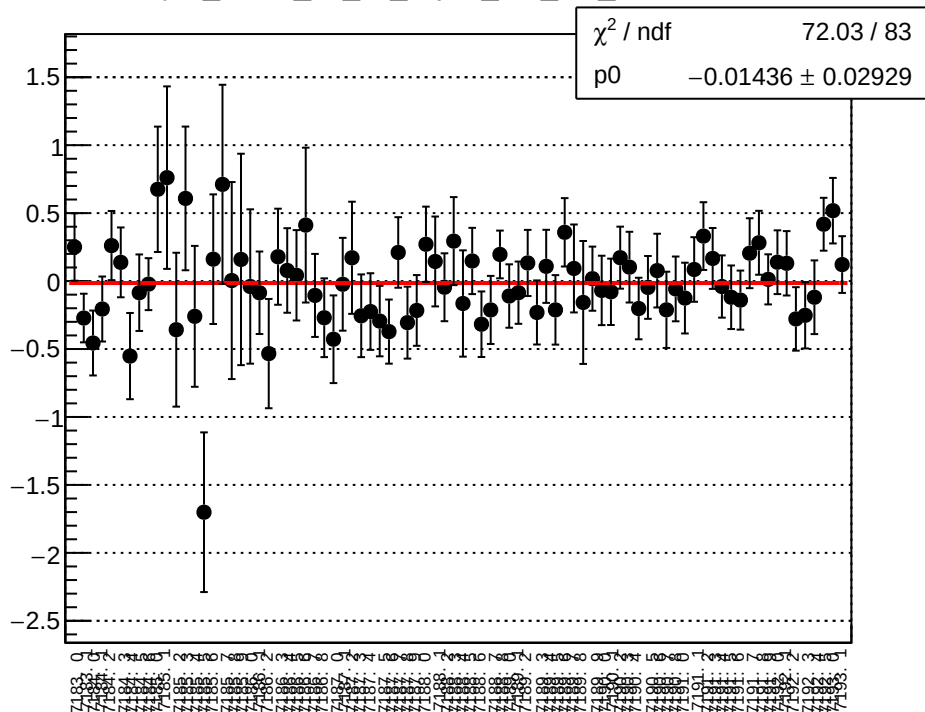


asym_sam8_dit_vs_cor_diff_rms vs run

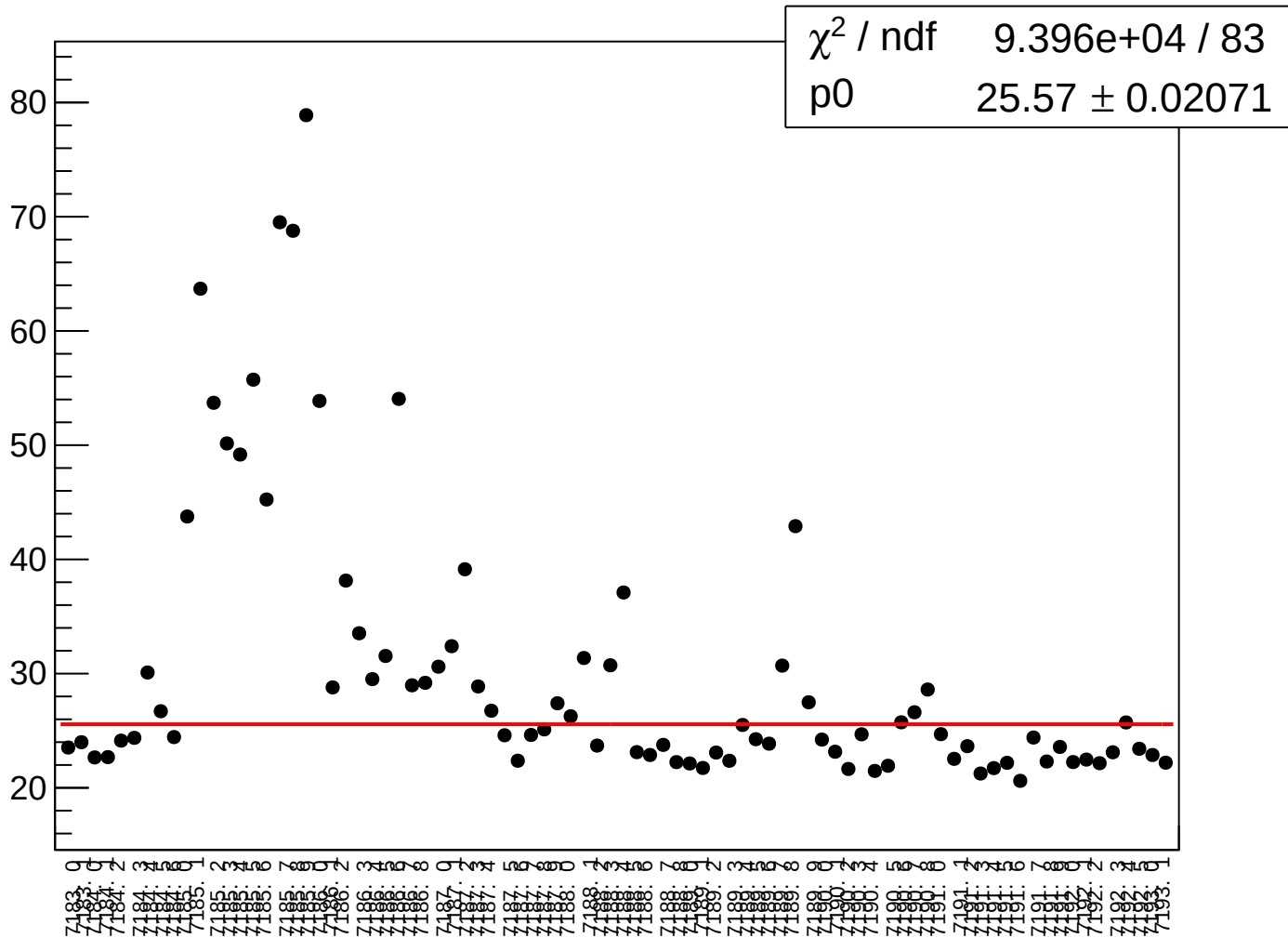
χ^2 / ndf 9.396e+04 / 83
p0 25.57 $\pm$ 0.02071



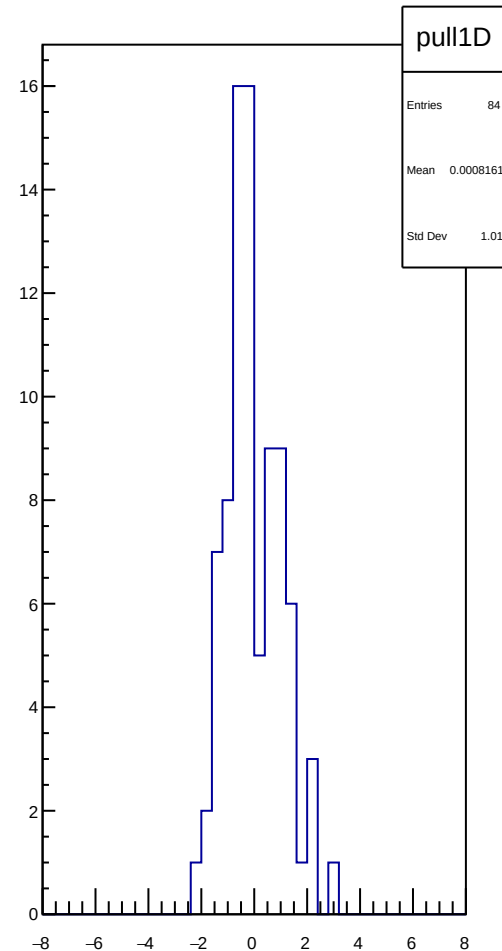
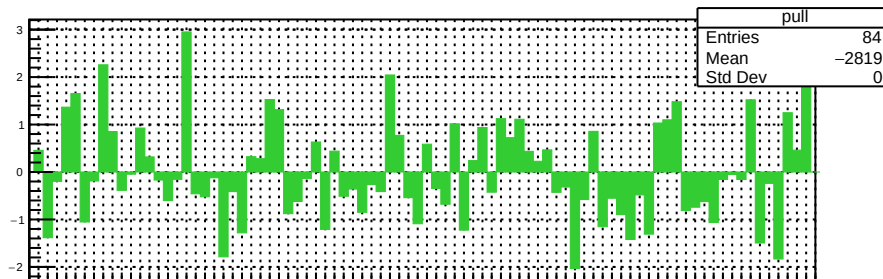
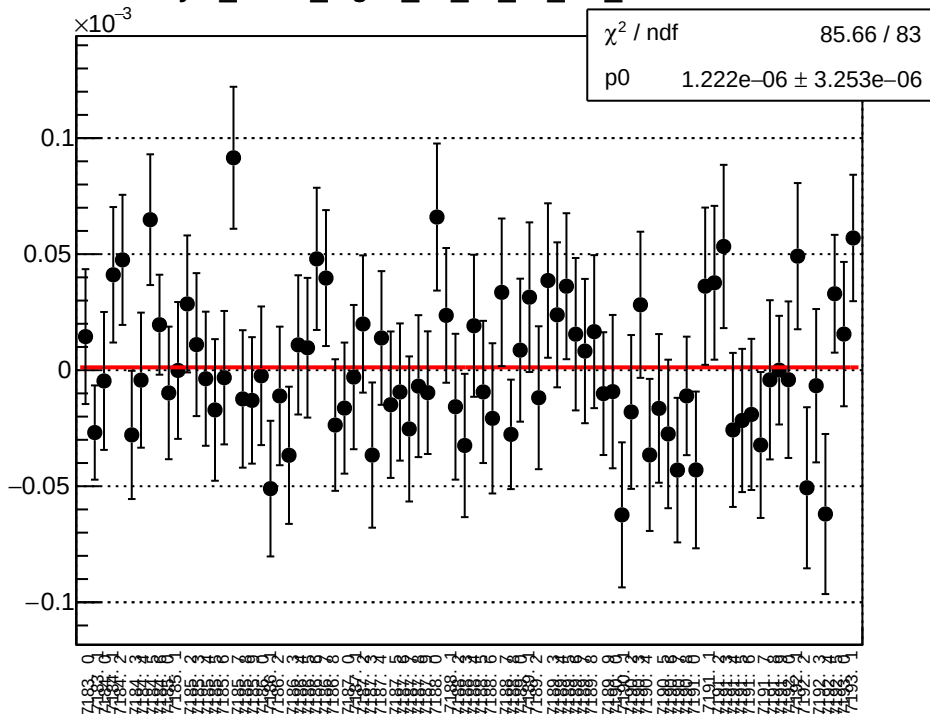
asym_sam8_dit_vs_eigen_cor_diff_mean vs run



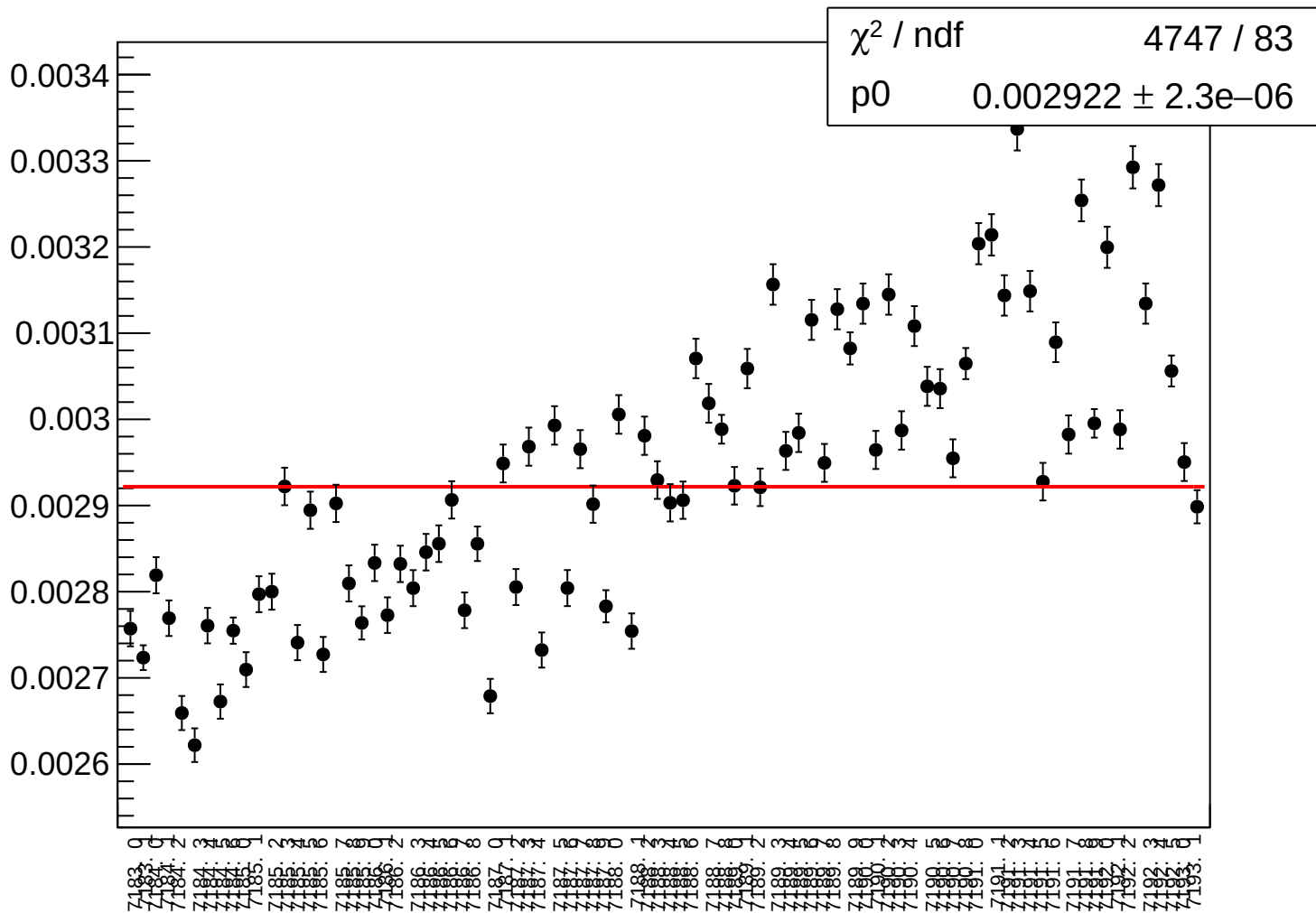
asym_sam8_dit_vs_eigen_cor_diff_rms vs run



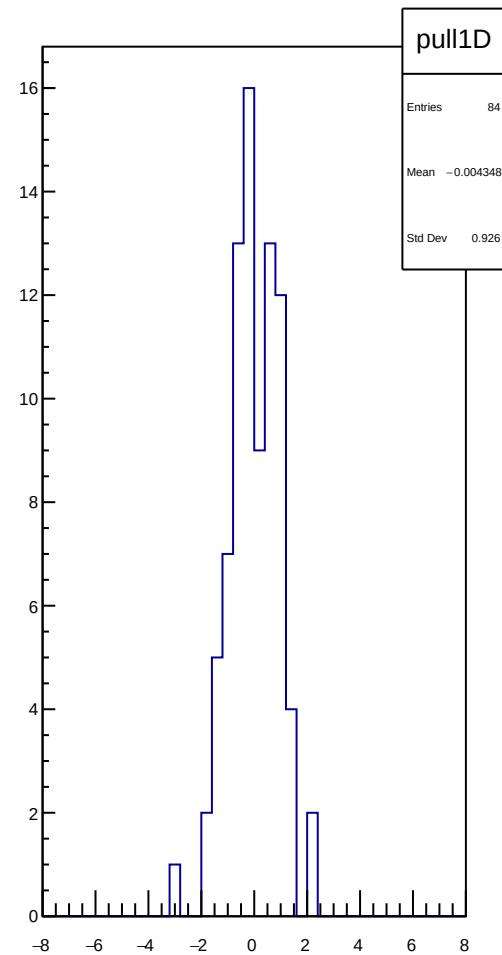
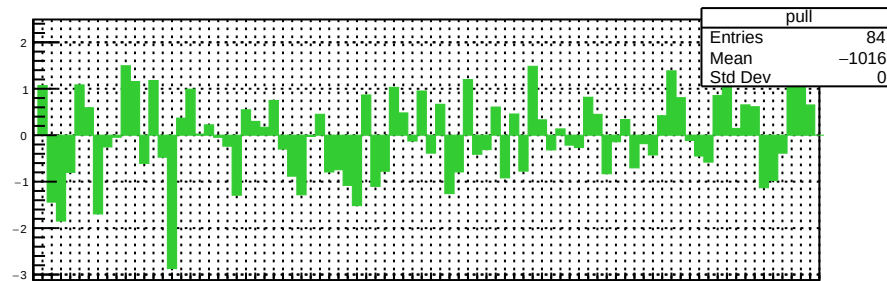
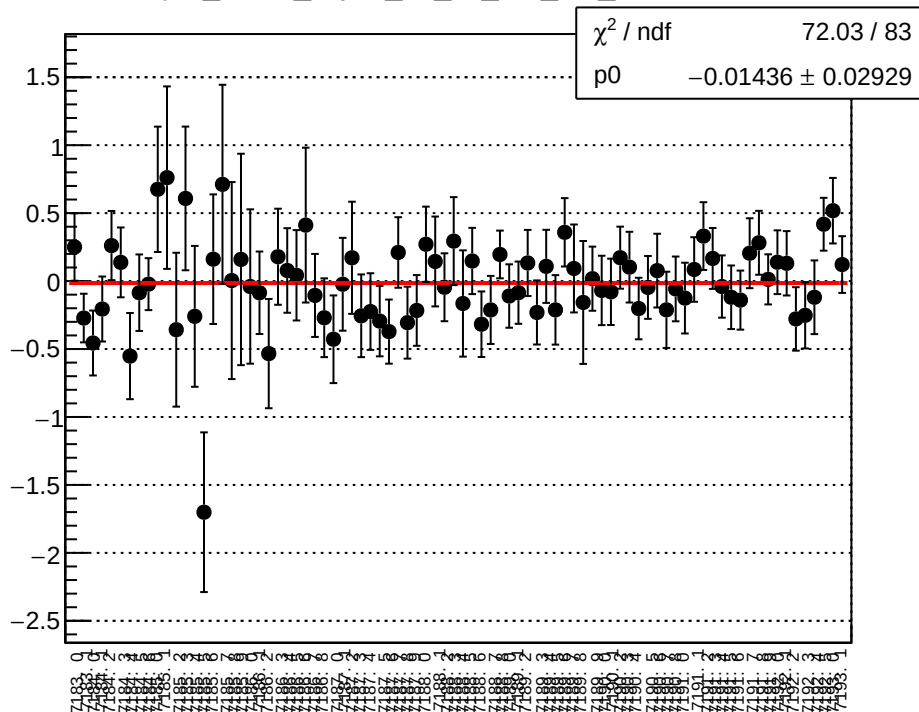
asym_sam8_eigen_dit_vs_dit_diff_mean vs run



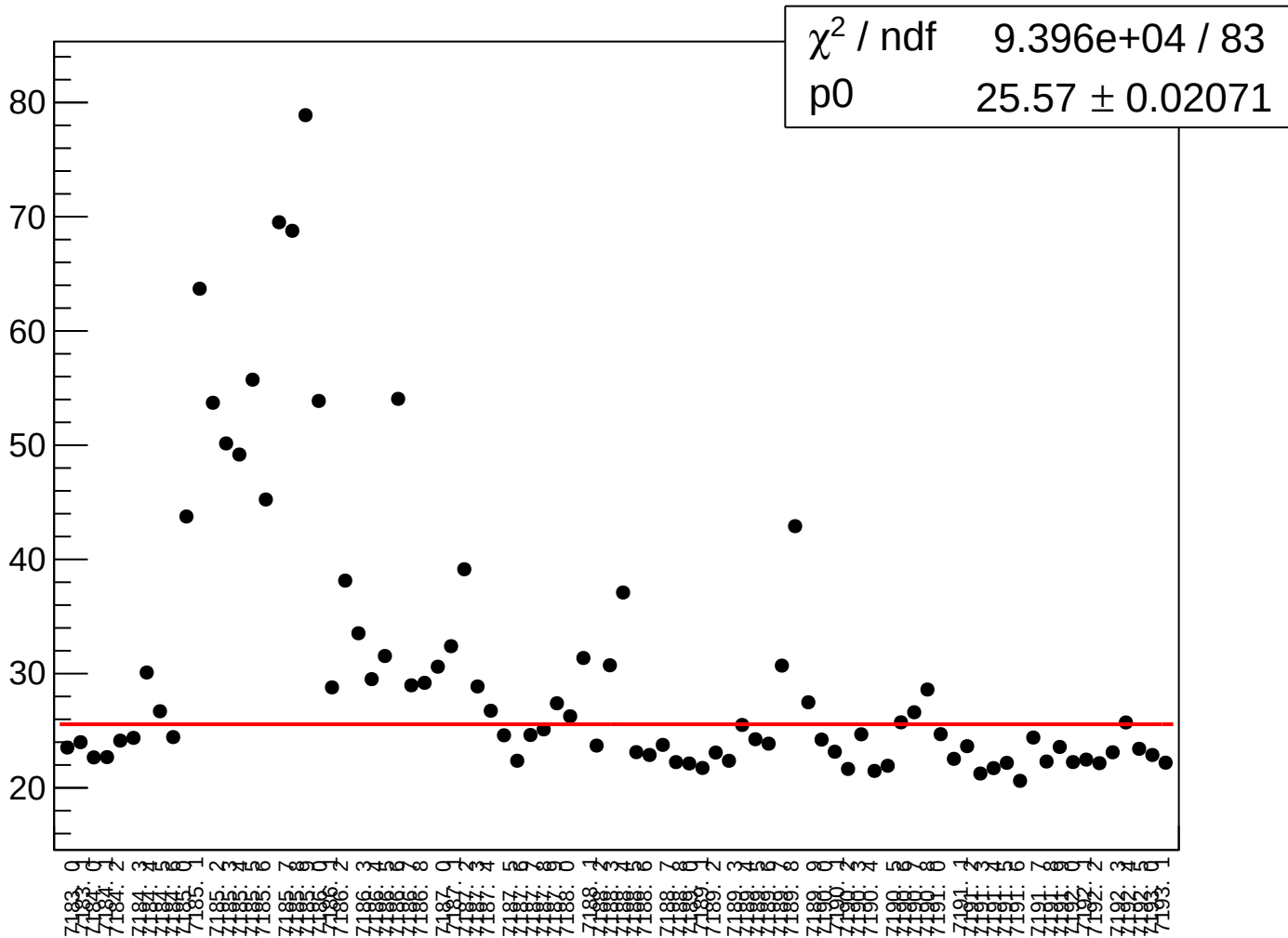
asym_sam8_eigen_dit_vs_dit_diff_rms vs run



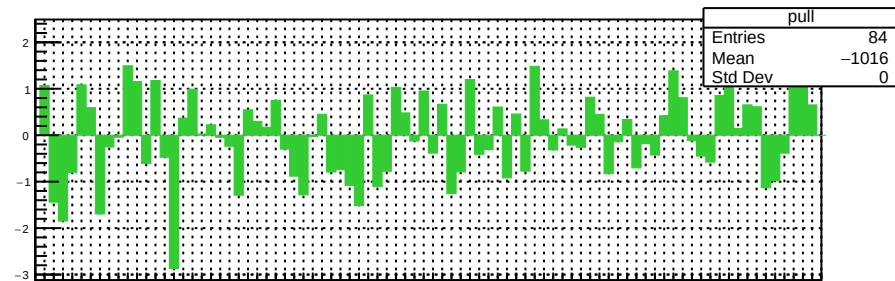
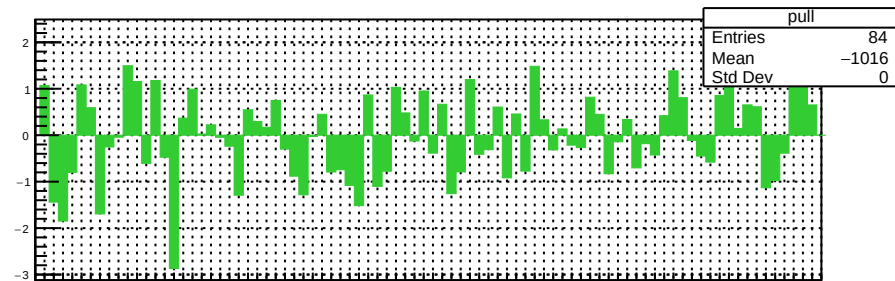
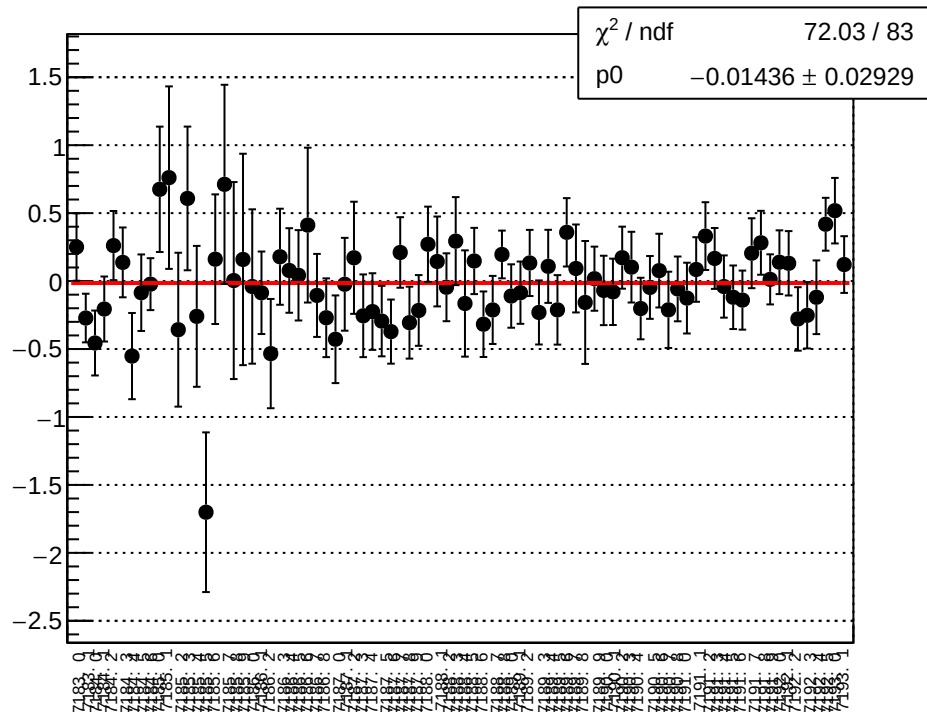
asym_sam8_eigen_dit_vs_cor_diff_mean vs run



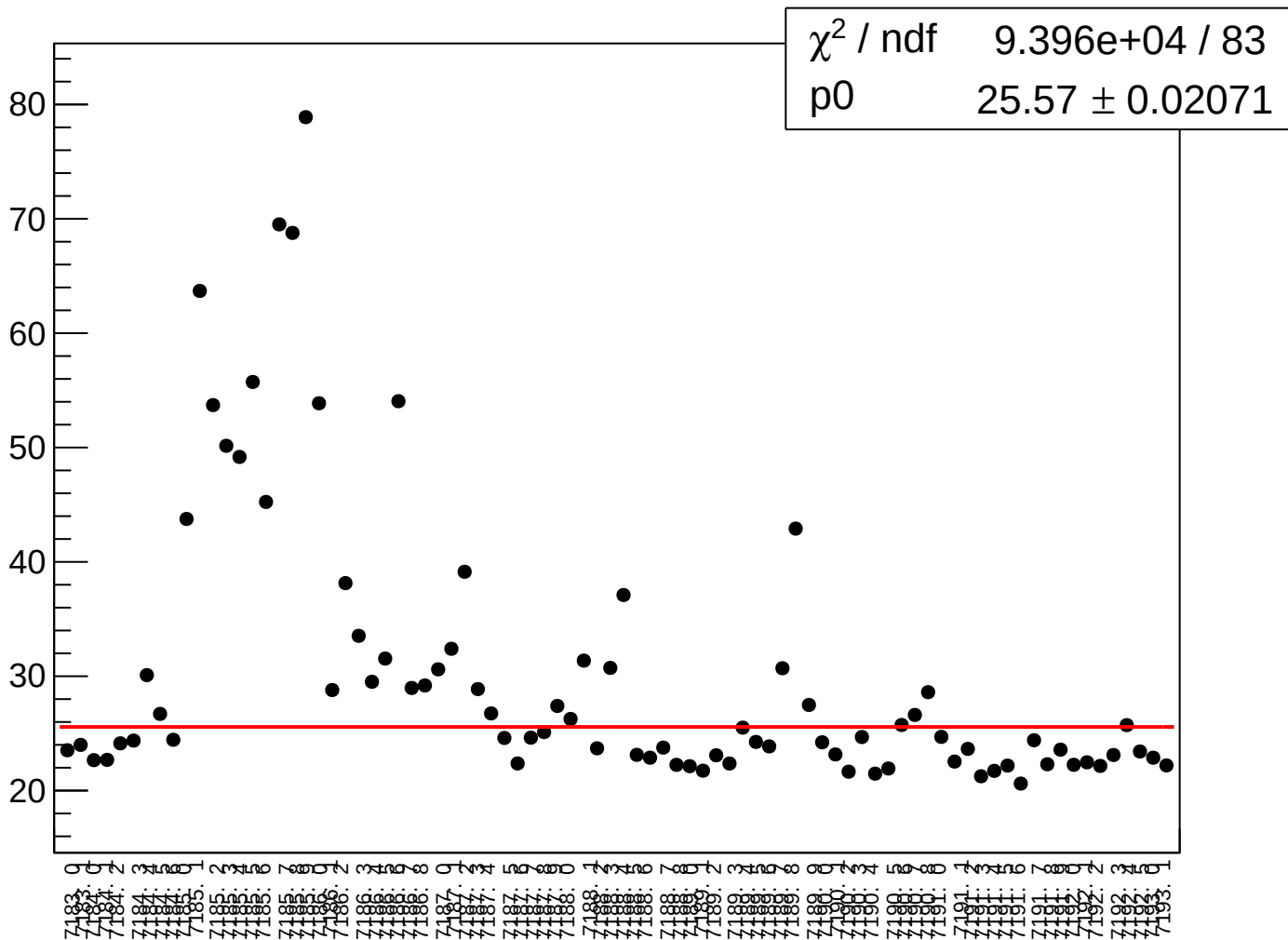
asym_sam8_eigen_dit_vs_cor_diff_rms vs run



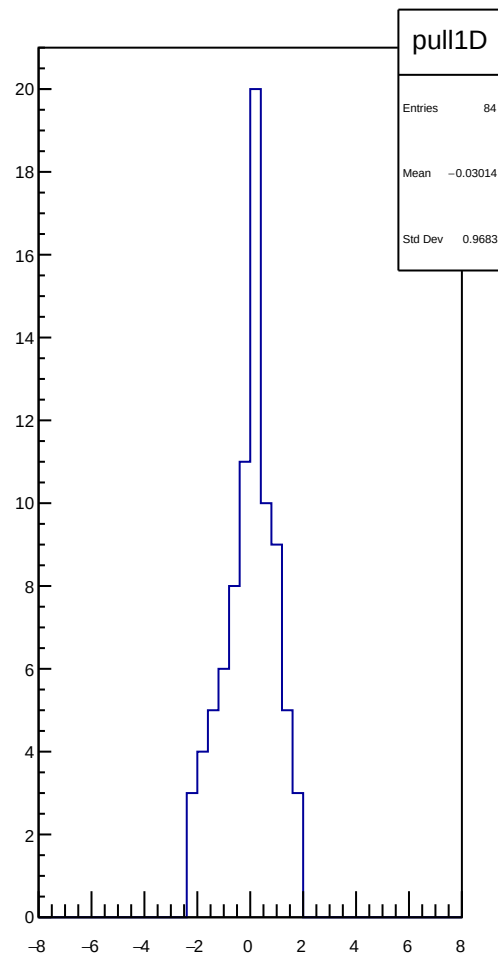
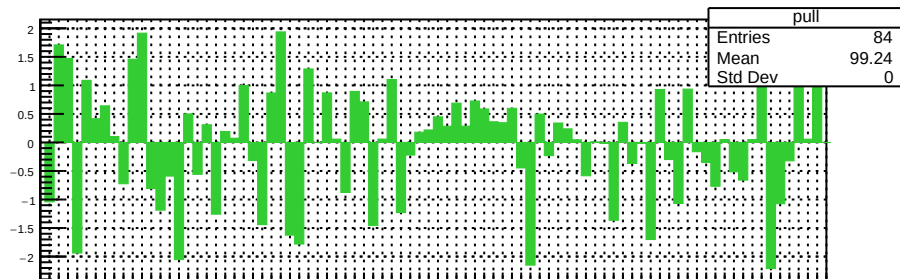
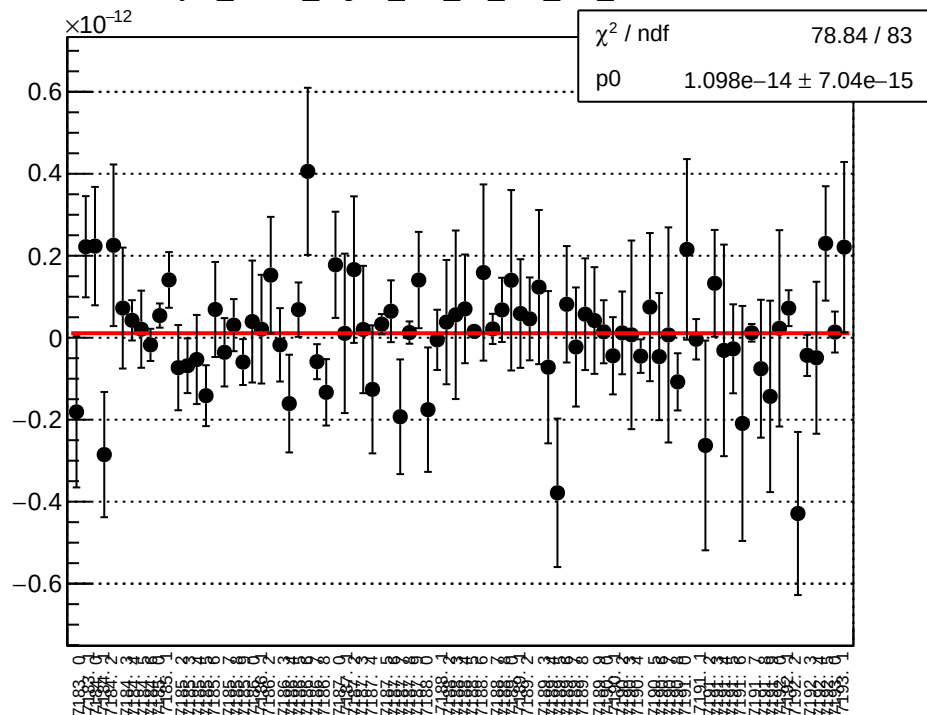
asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs run



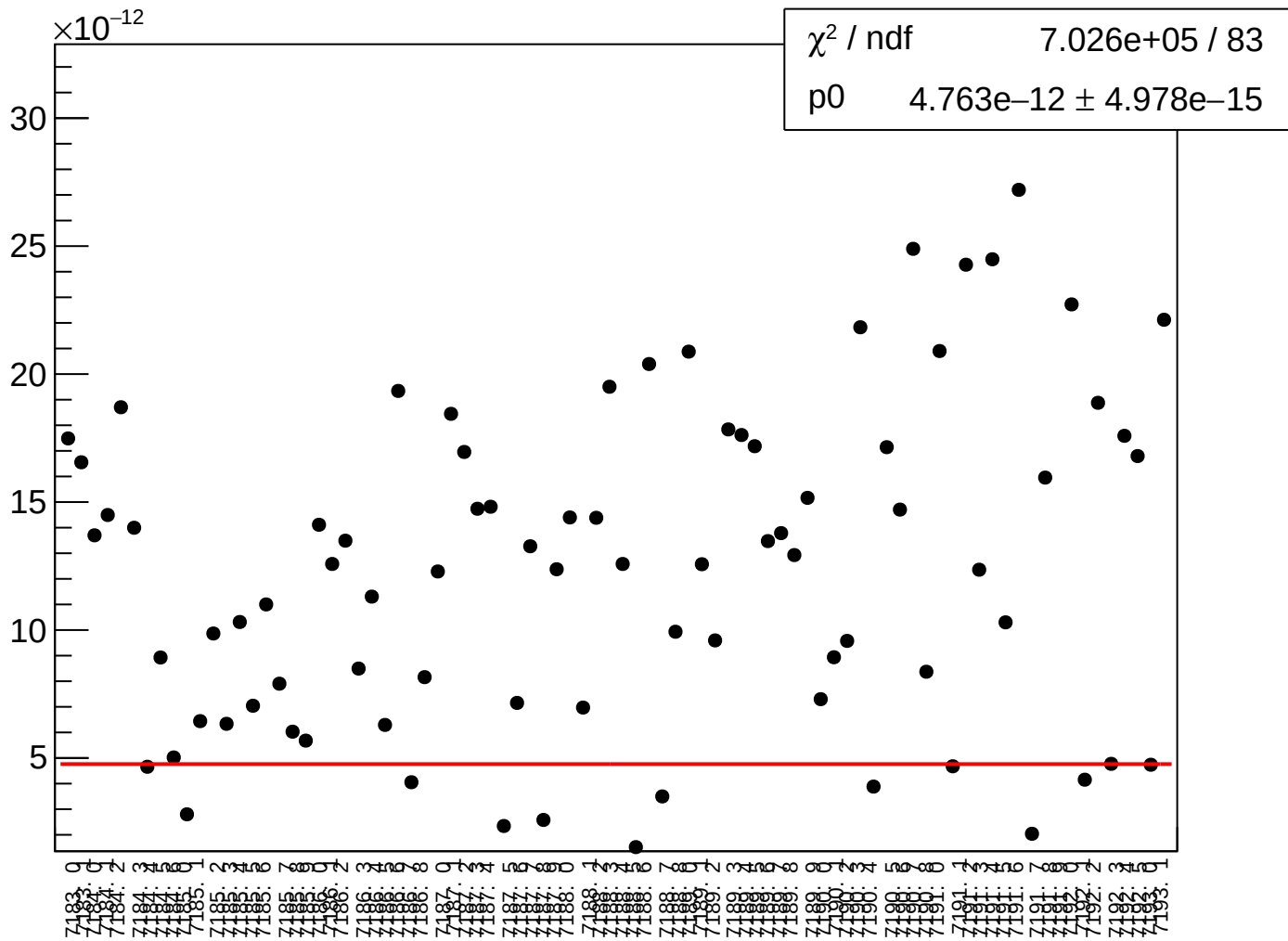
asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs run



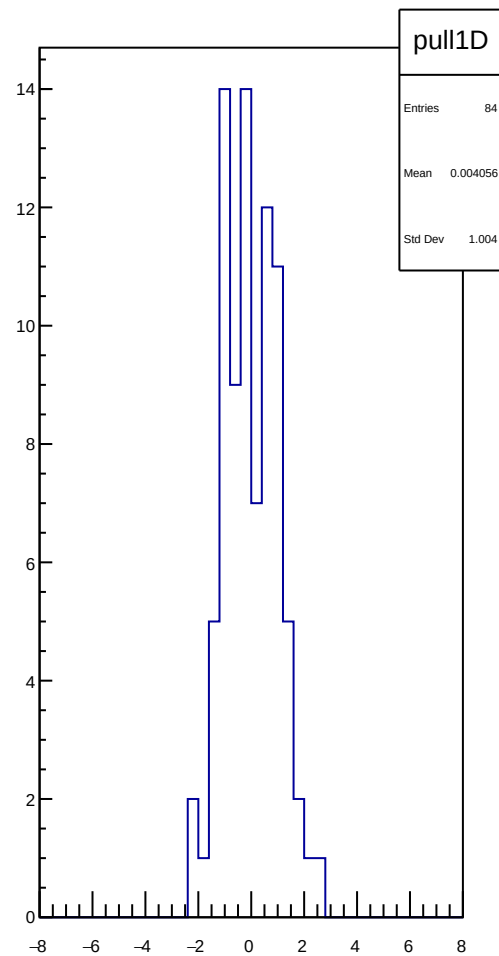
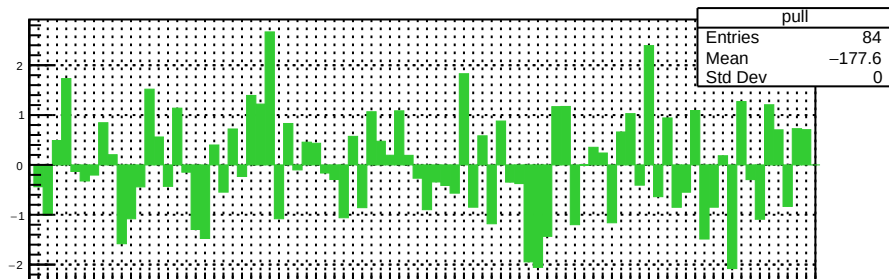
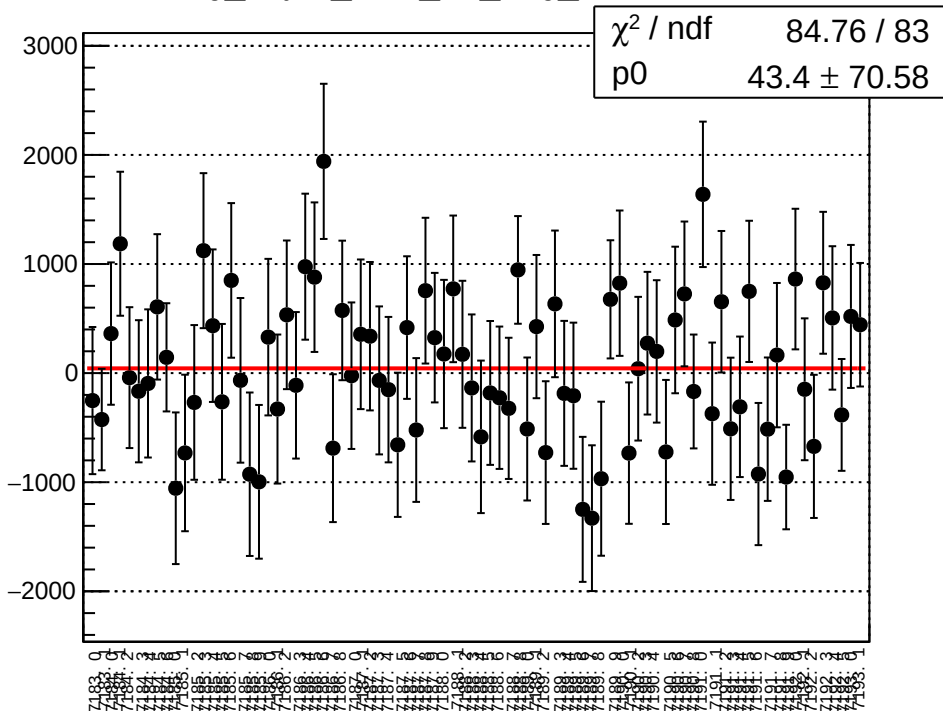
asym_sam8_eigen_cor_vs_cor_diff_mean vs run



asym_sam8_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_15_avg_mean vs run



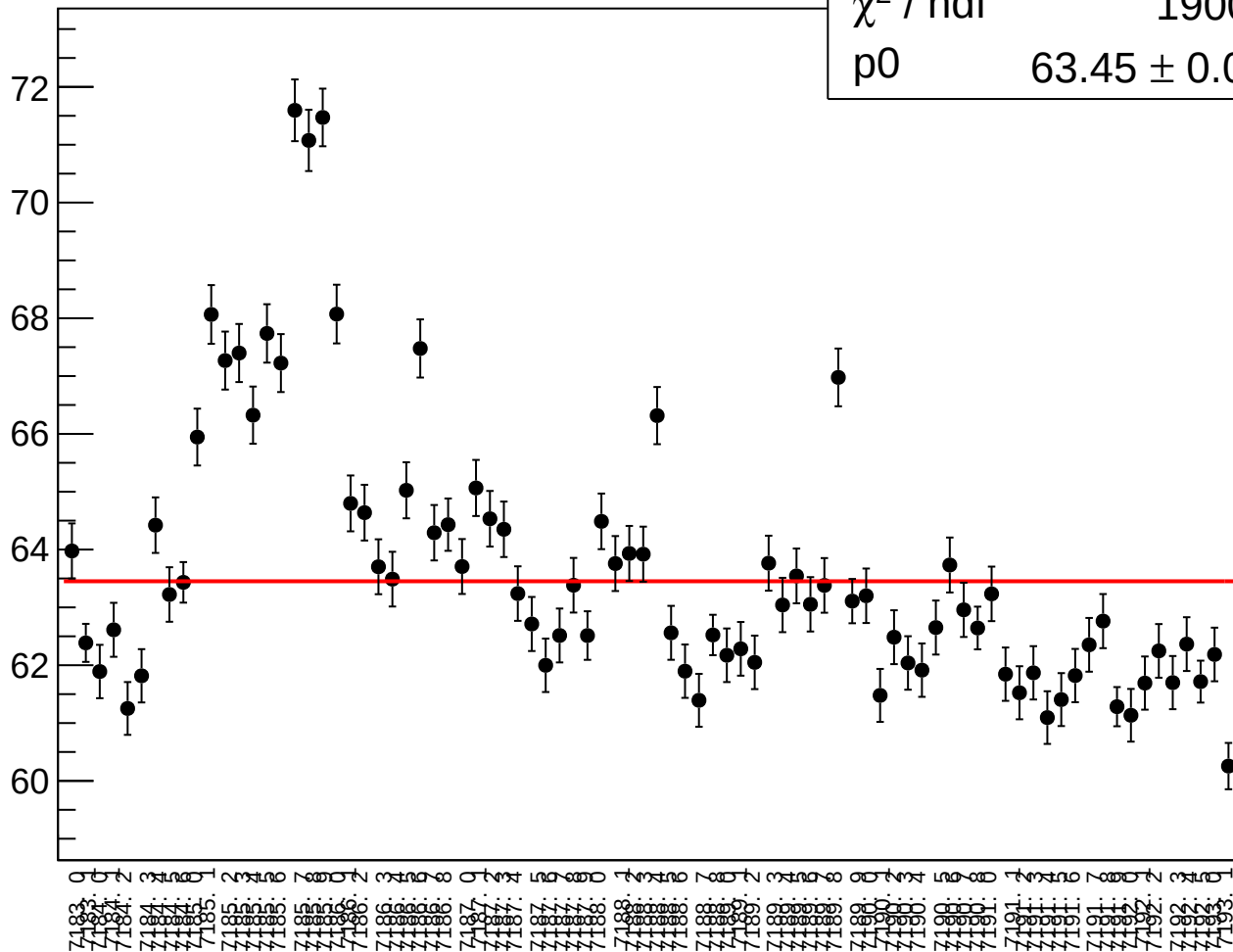
reg_asym_sam_15_avg_rms vs run

χ^2 / ndf

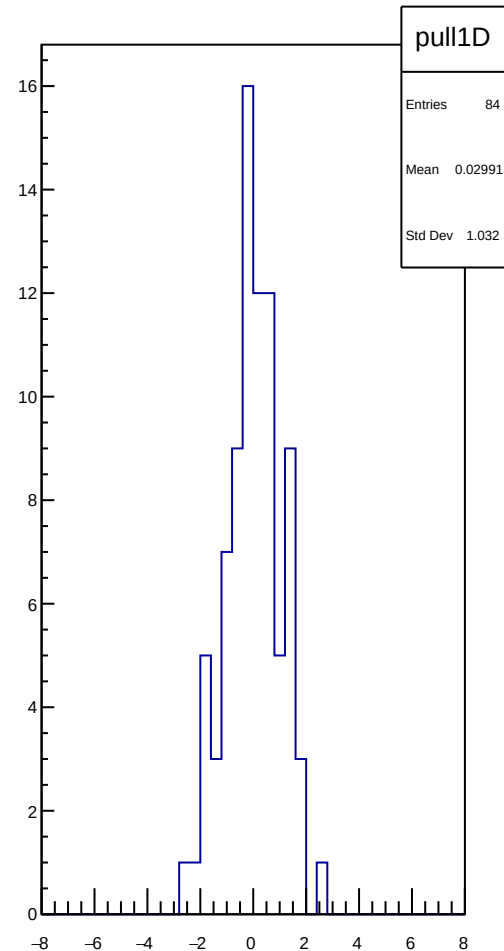
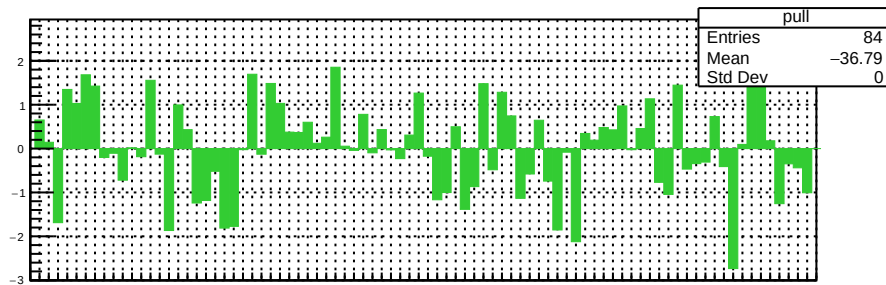
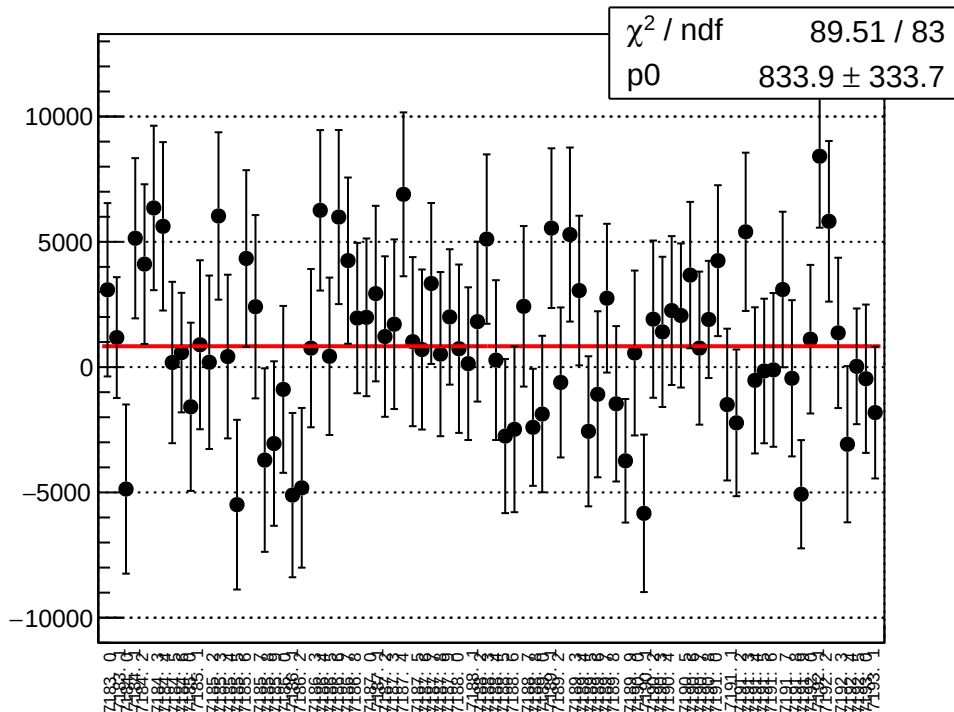
1900 / 83

p0

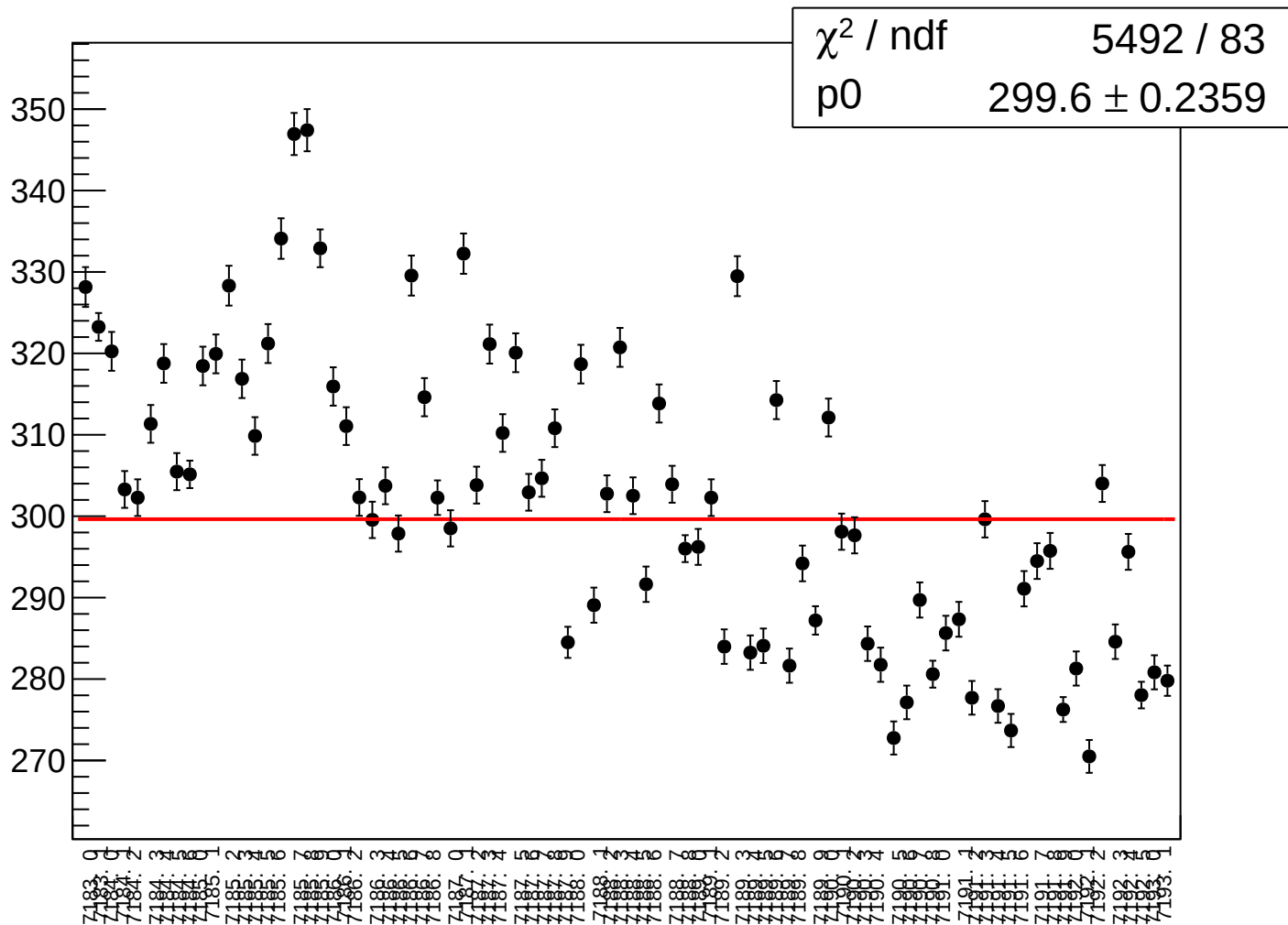
63.45 ± 0.04991



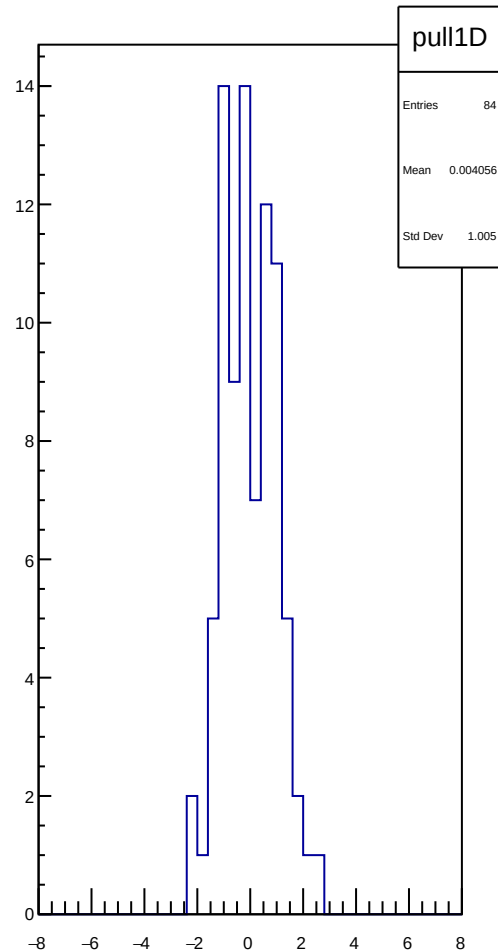
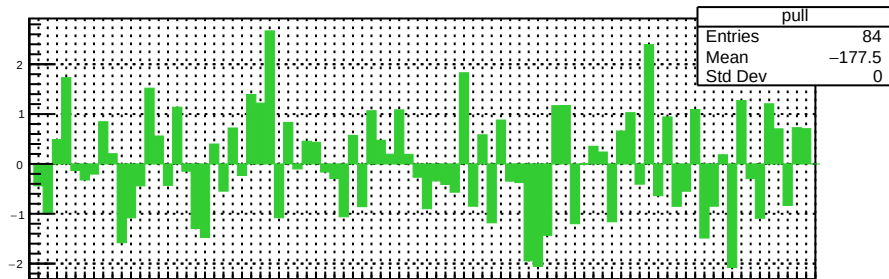
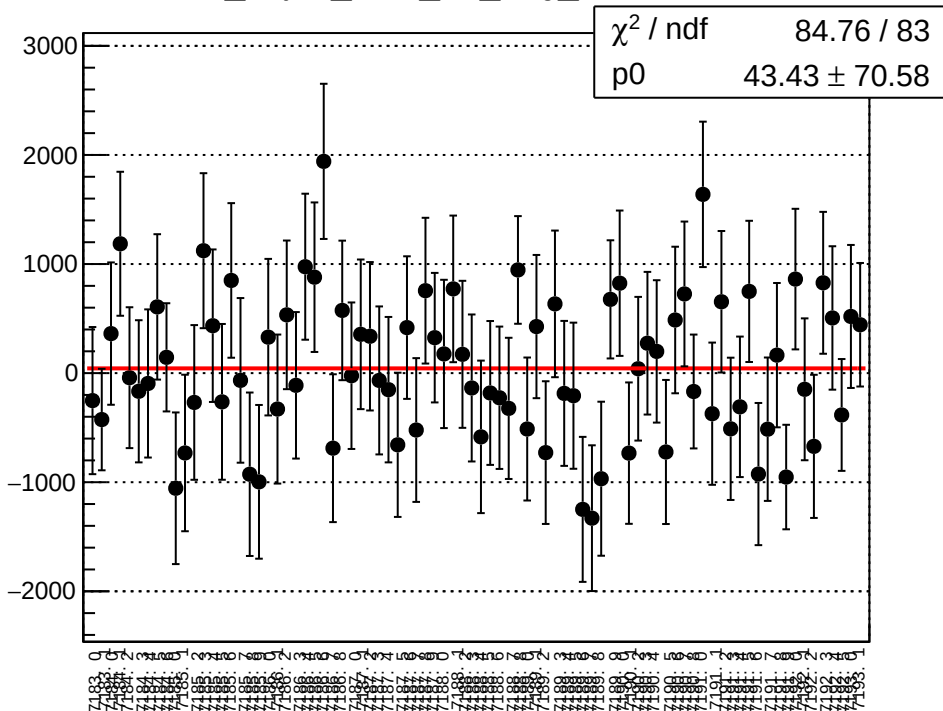
asym_sam_15_avg_reg_correction_mean vs run



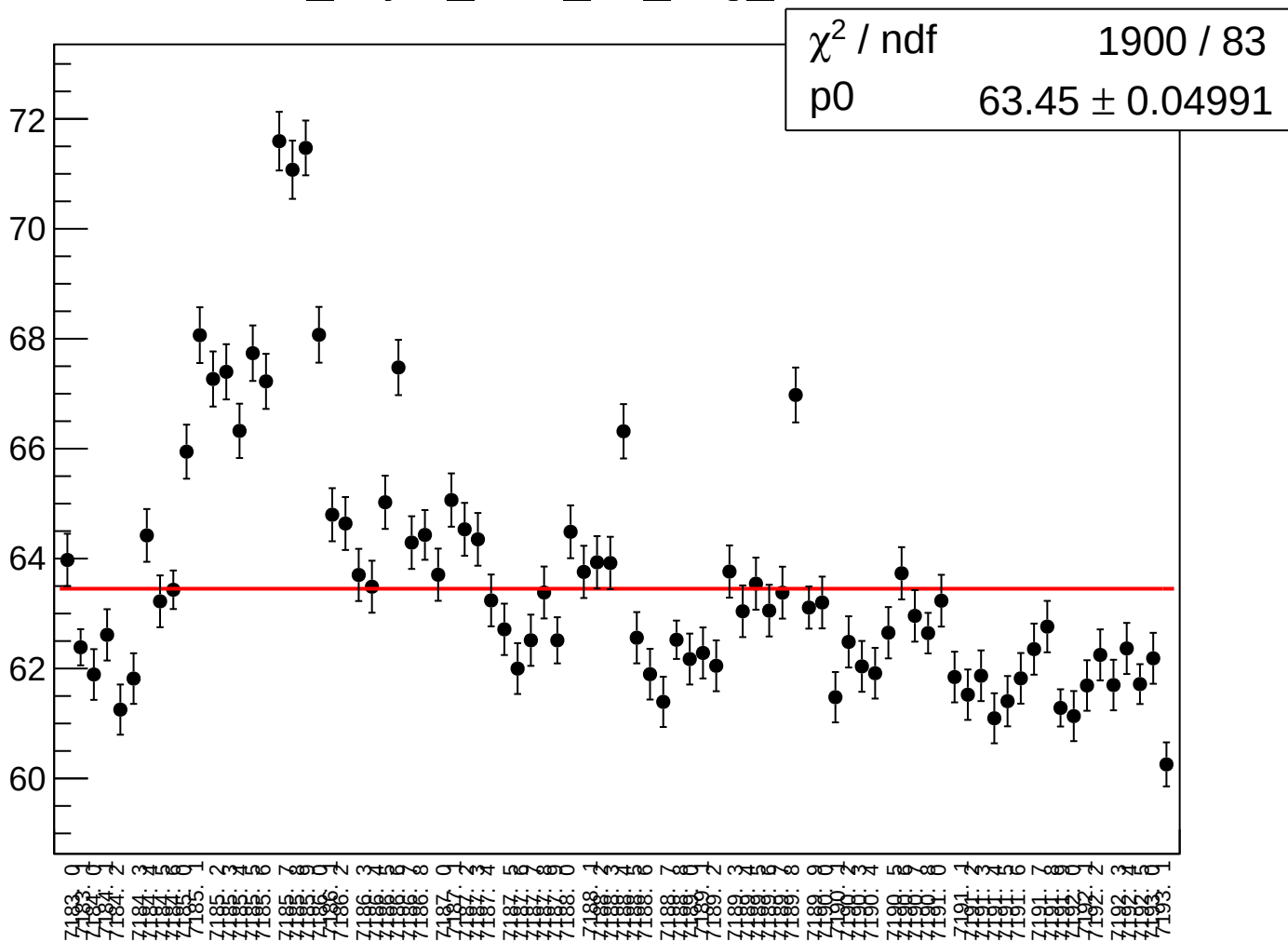
asym_sam_15_avg_reg_correction_rms vs run



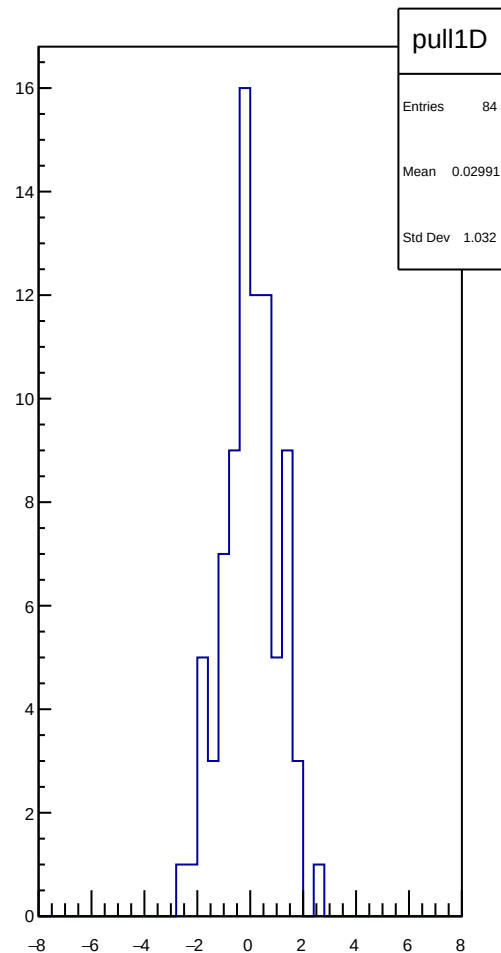
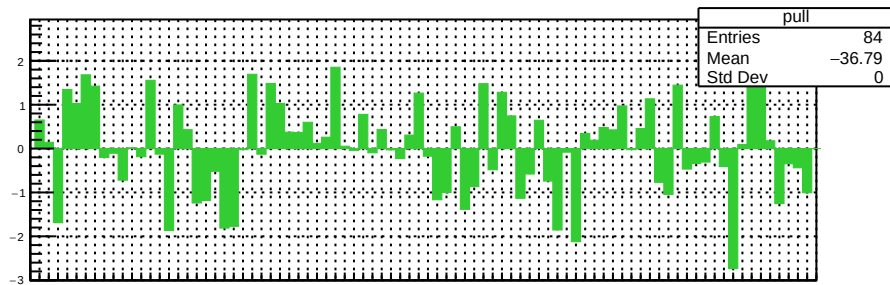
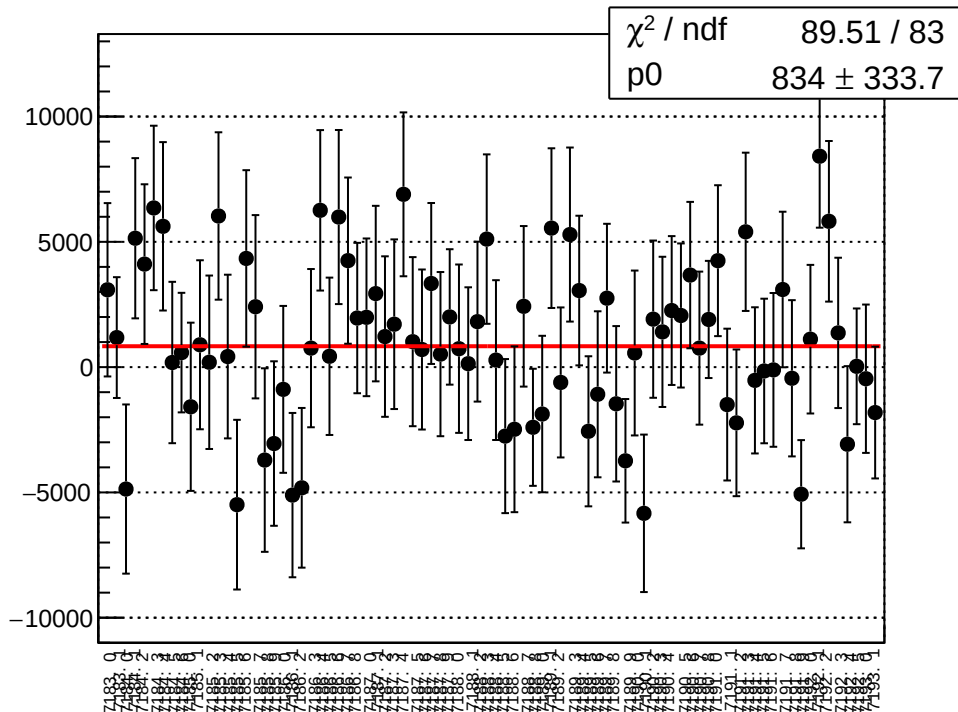
cor_asym_sam_15_avg_mean vs run



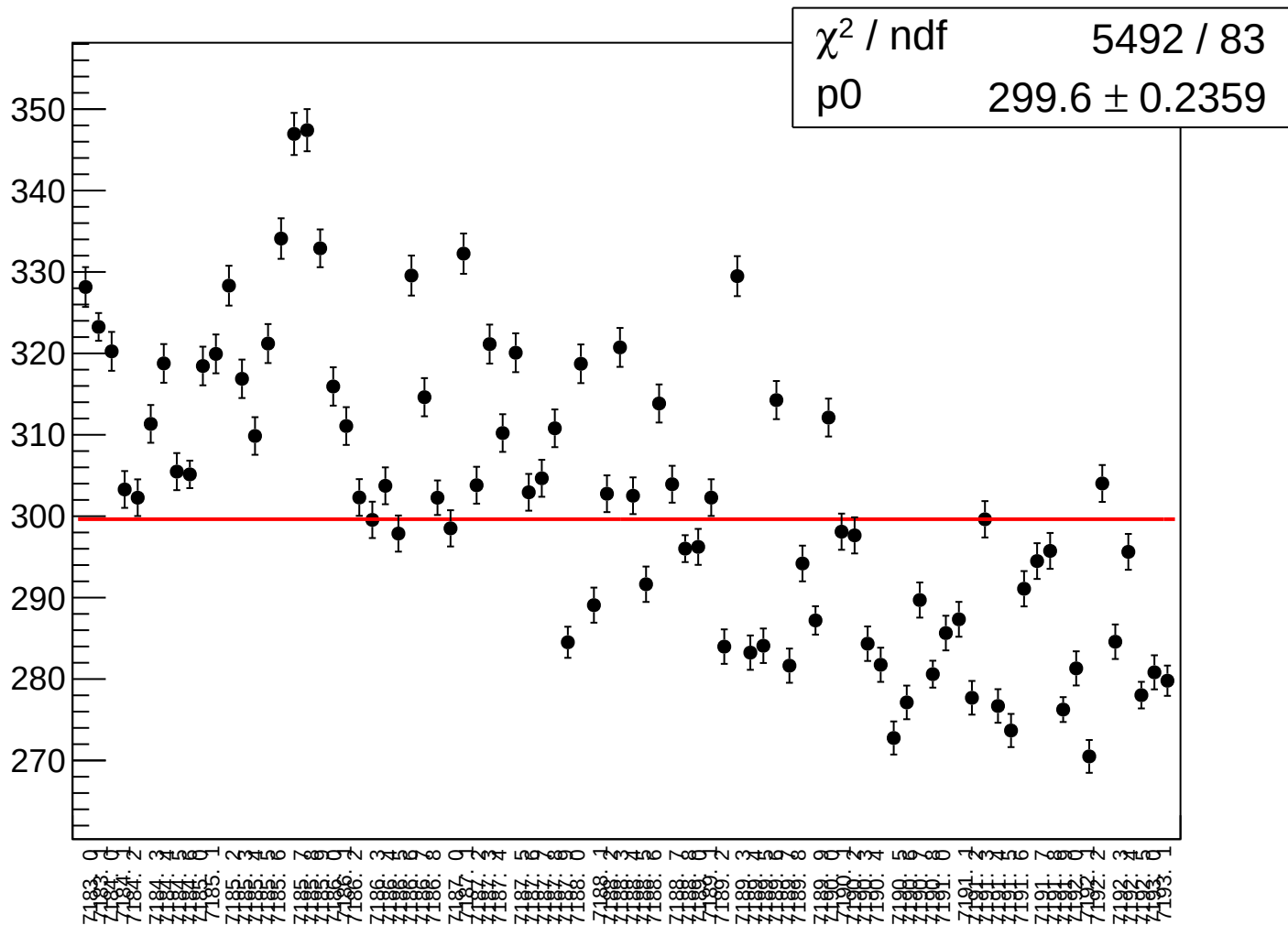
cor_asym_sam_15_avg_rms vs run



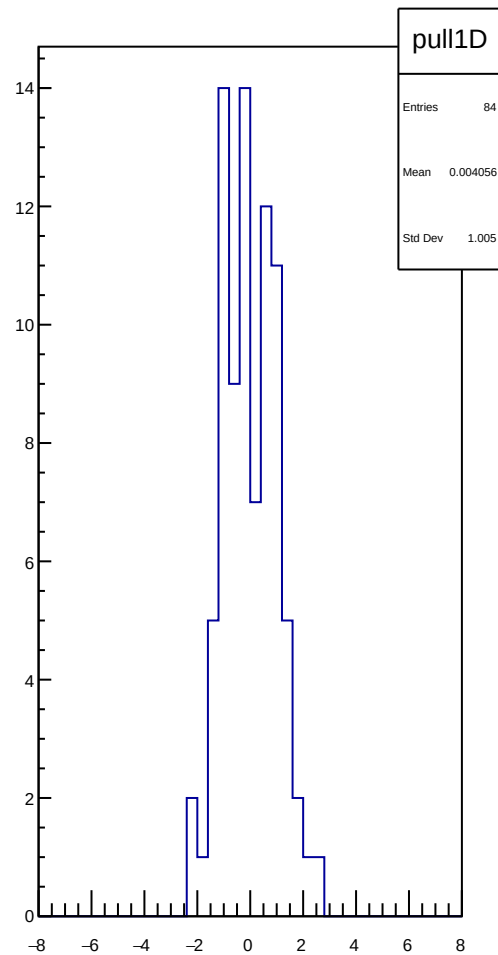
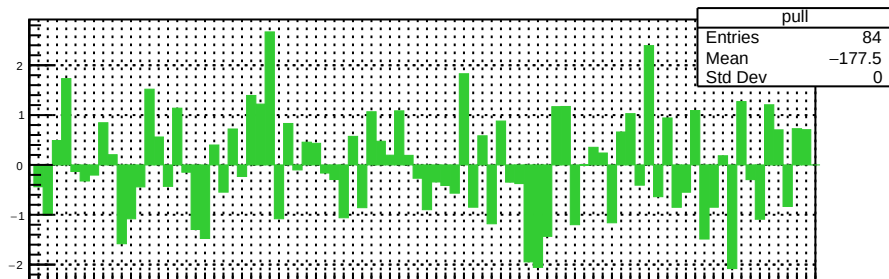
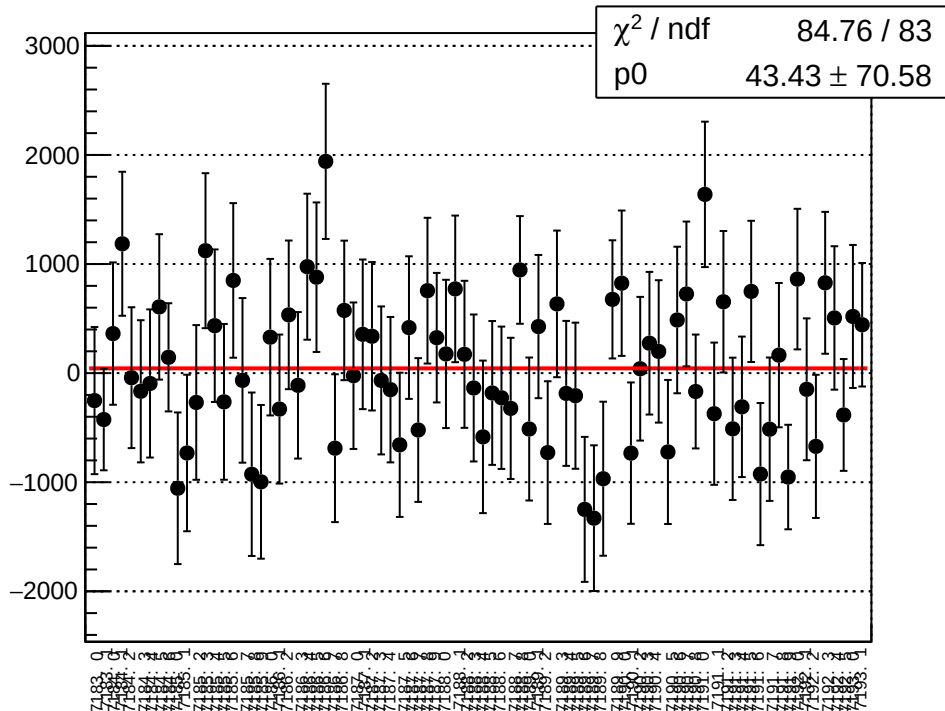
asym_sam_15_avg_cor_correction_mean vs run



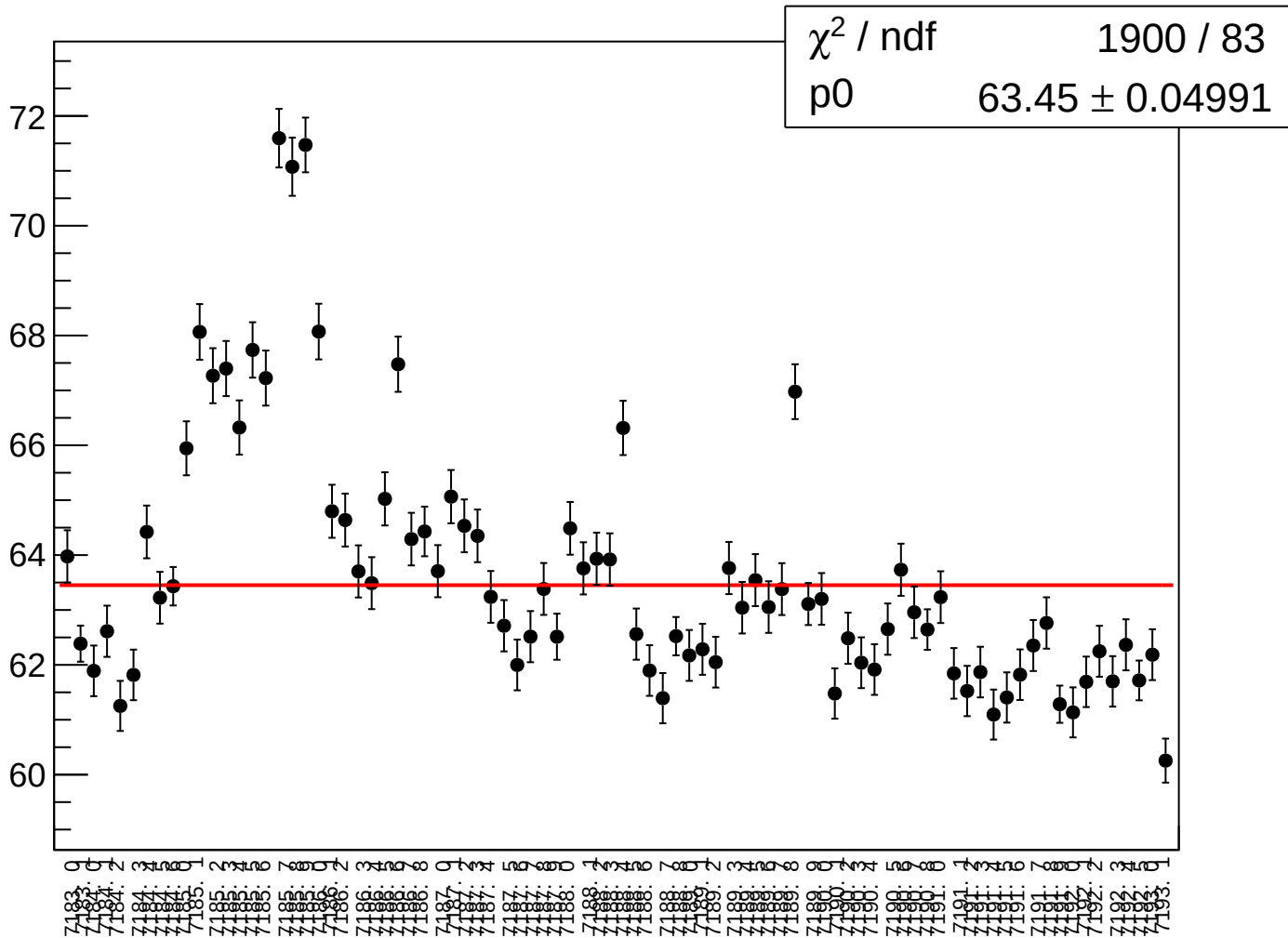
asym_sam_15_avg_cor_correction_rms vs run



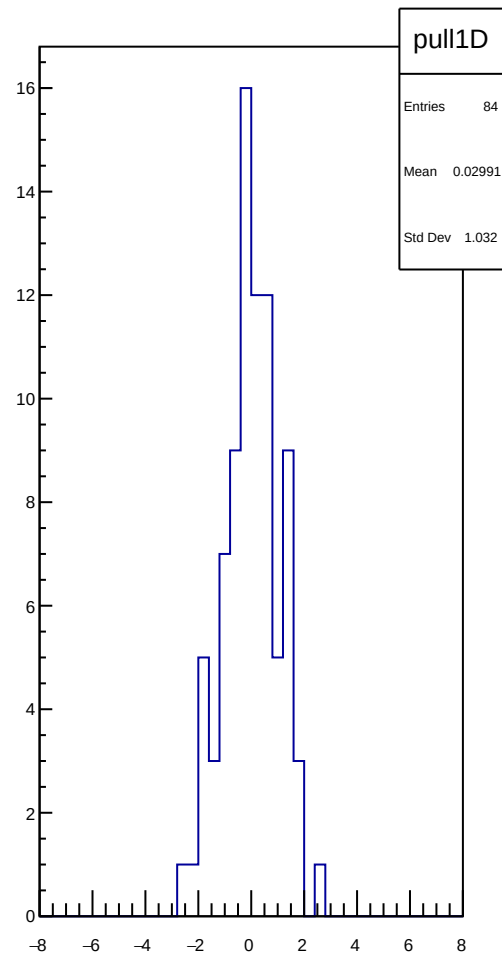
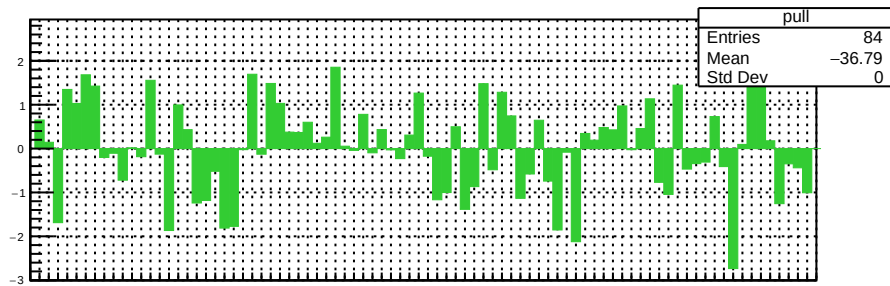
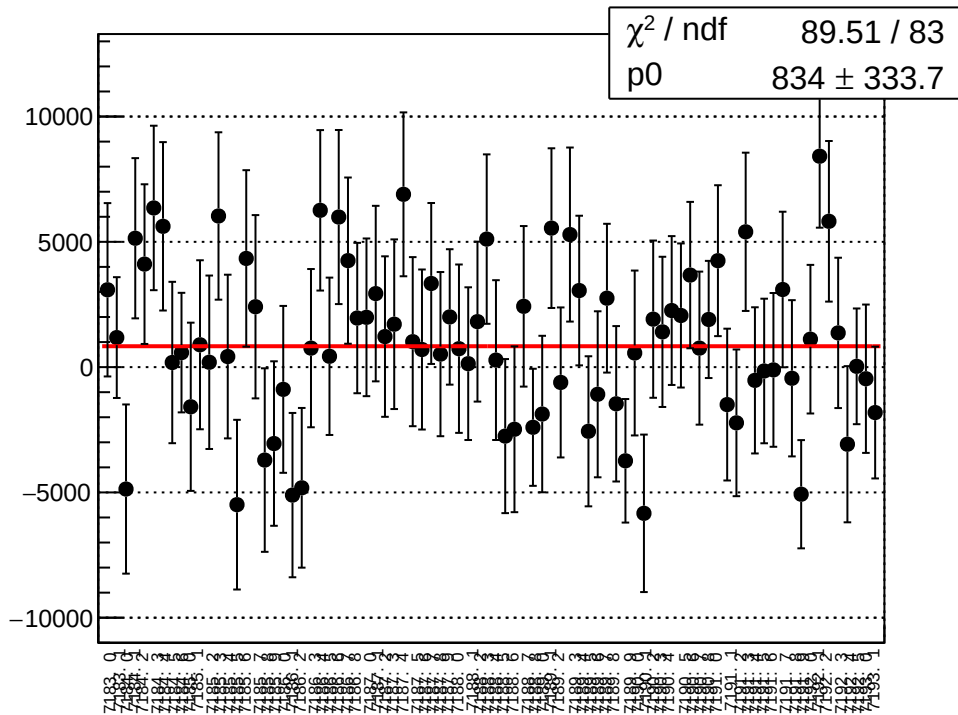
eigen_cor_asym_sam_15_avg_mean vs run



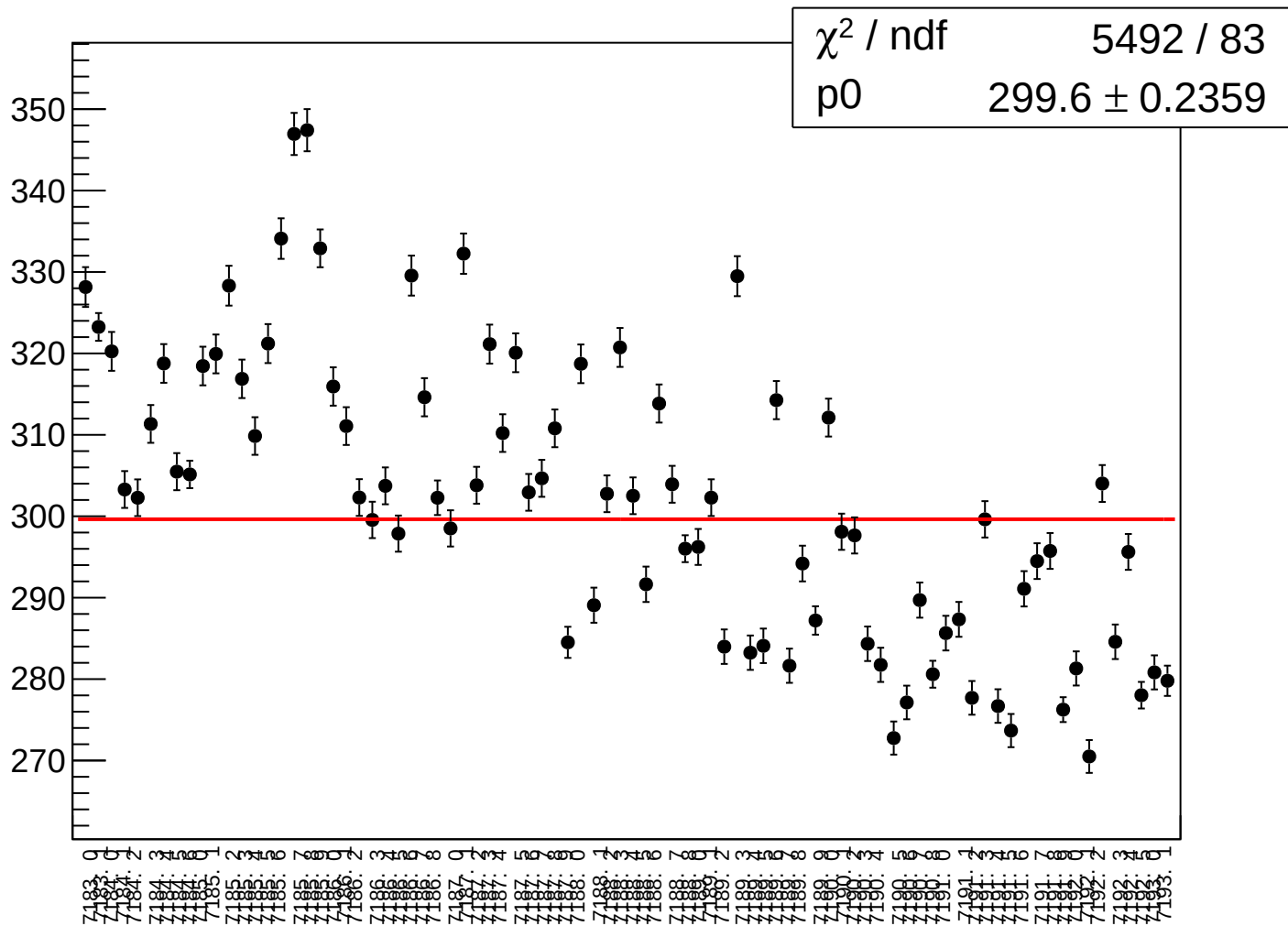
eigen_cor_asym_sam_15_avg_rms vs run



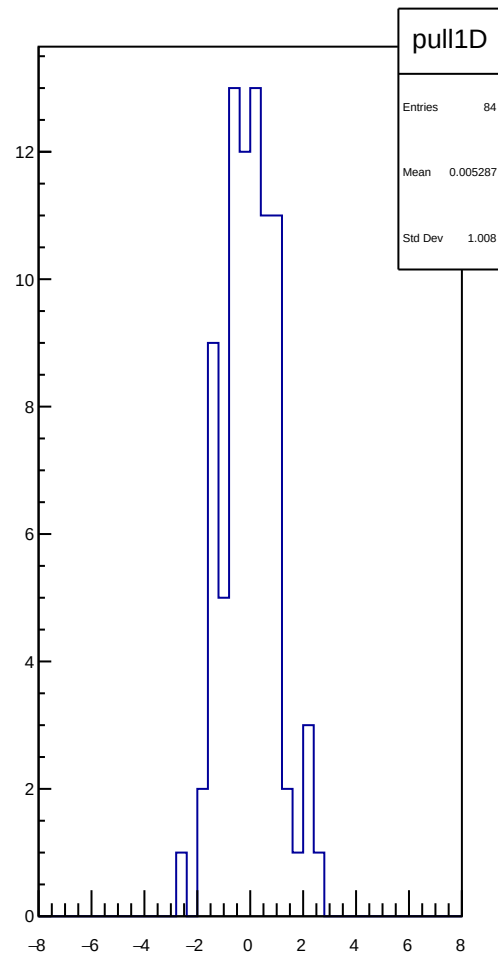
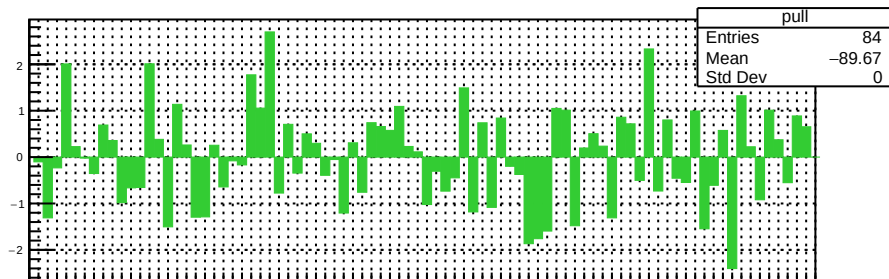
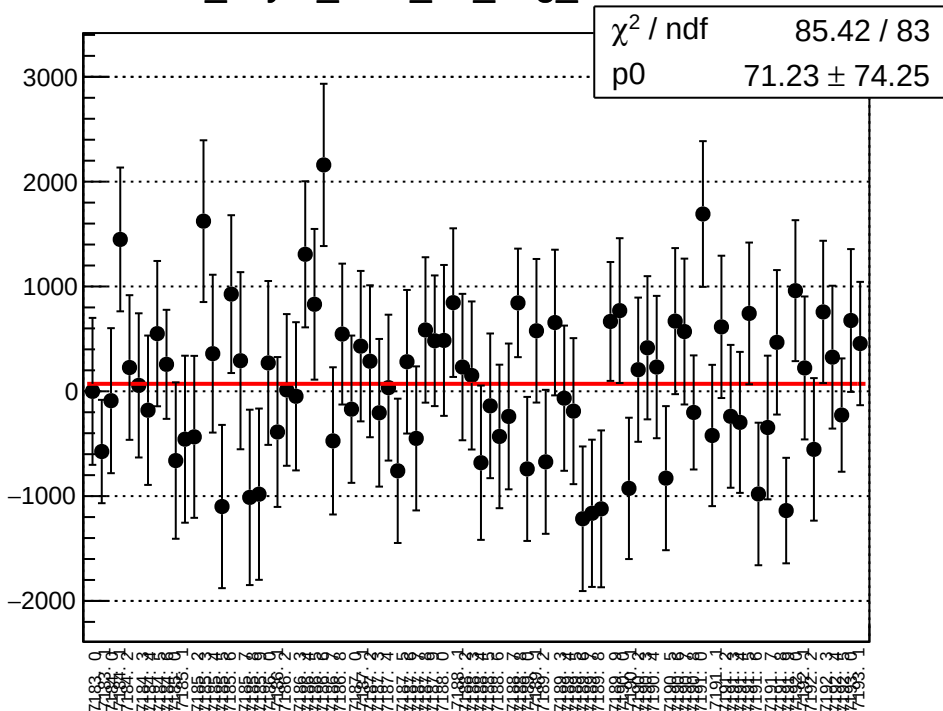
asym_sam_15_avg_eigen_cor_correction_mean vs run



asym_sam_15_avg_eigen_cor_correction_rms vs run



dit_asym_sam_15_avg_mean vs run



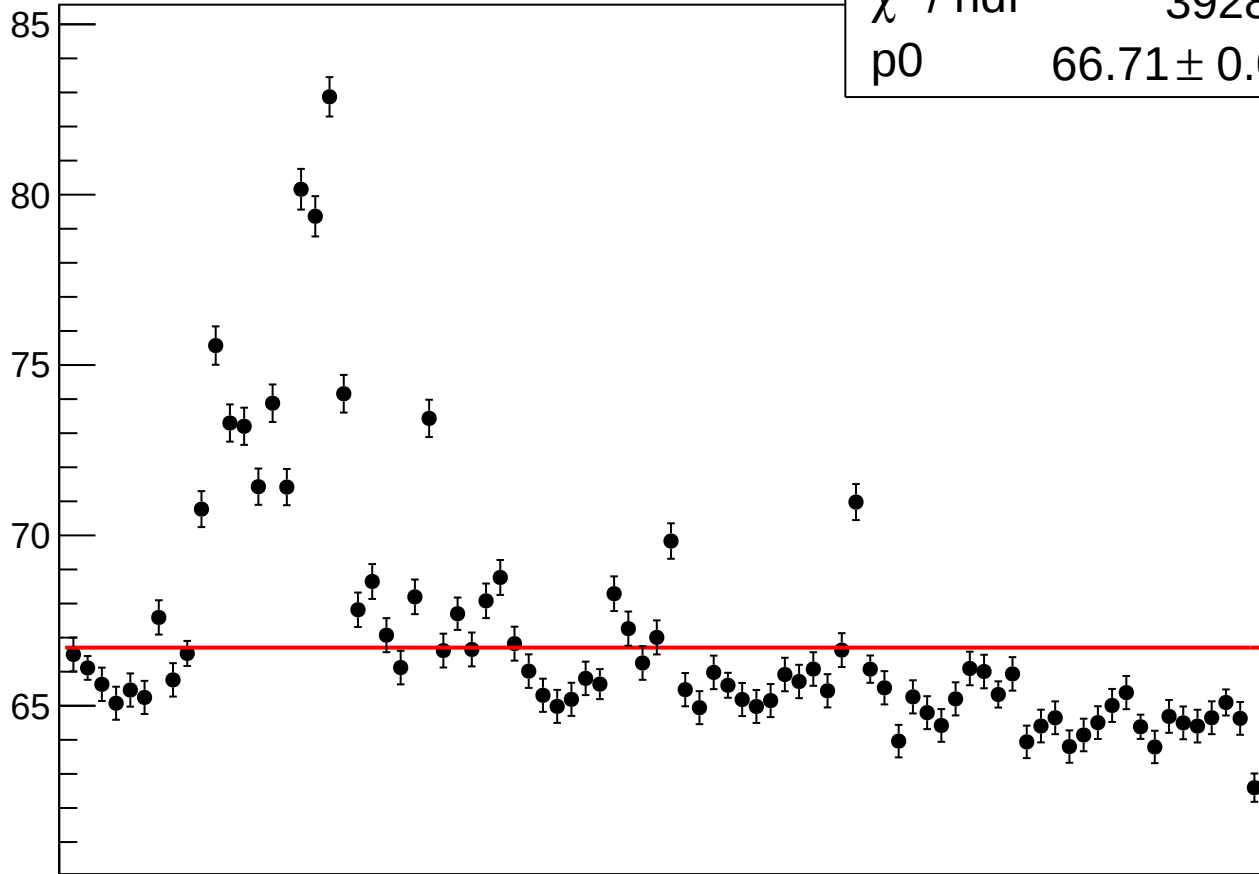
dit_asym_sam_15_avg_rms vs run

χ^2 / ndf

3928 / 83

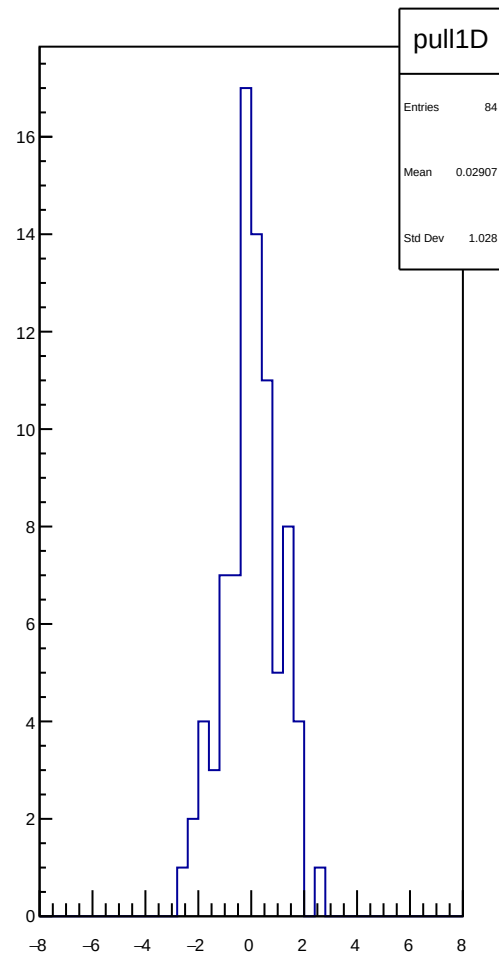
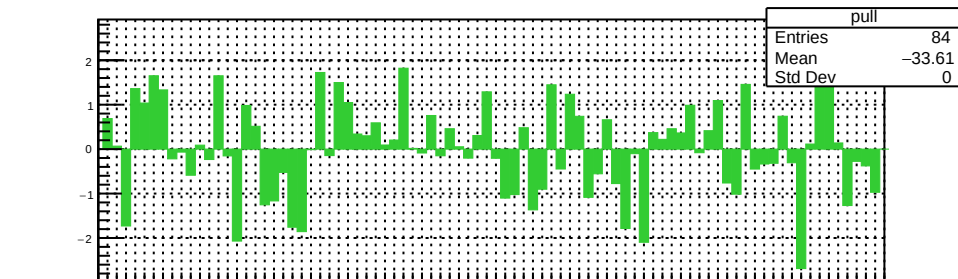
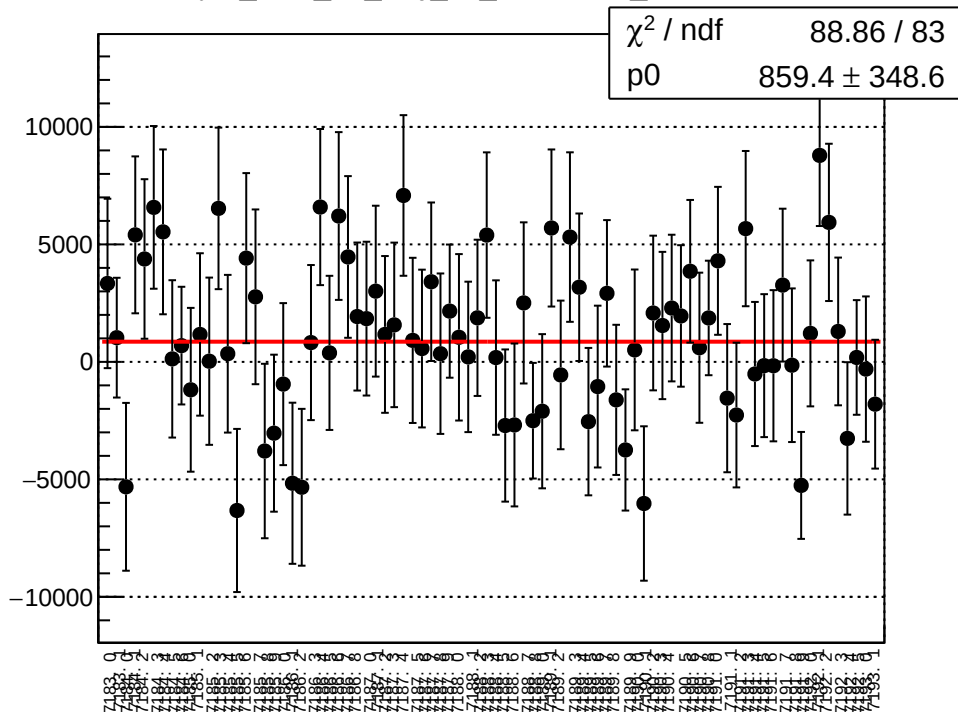
p0

66.71 ± 0.0525

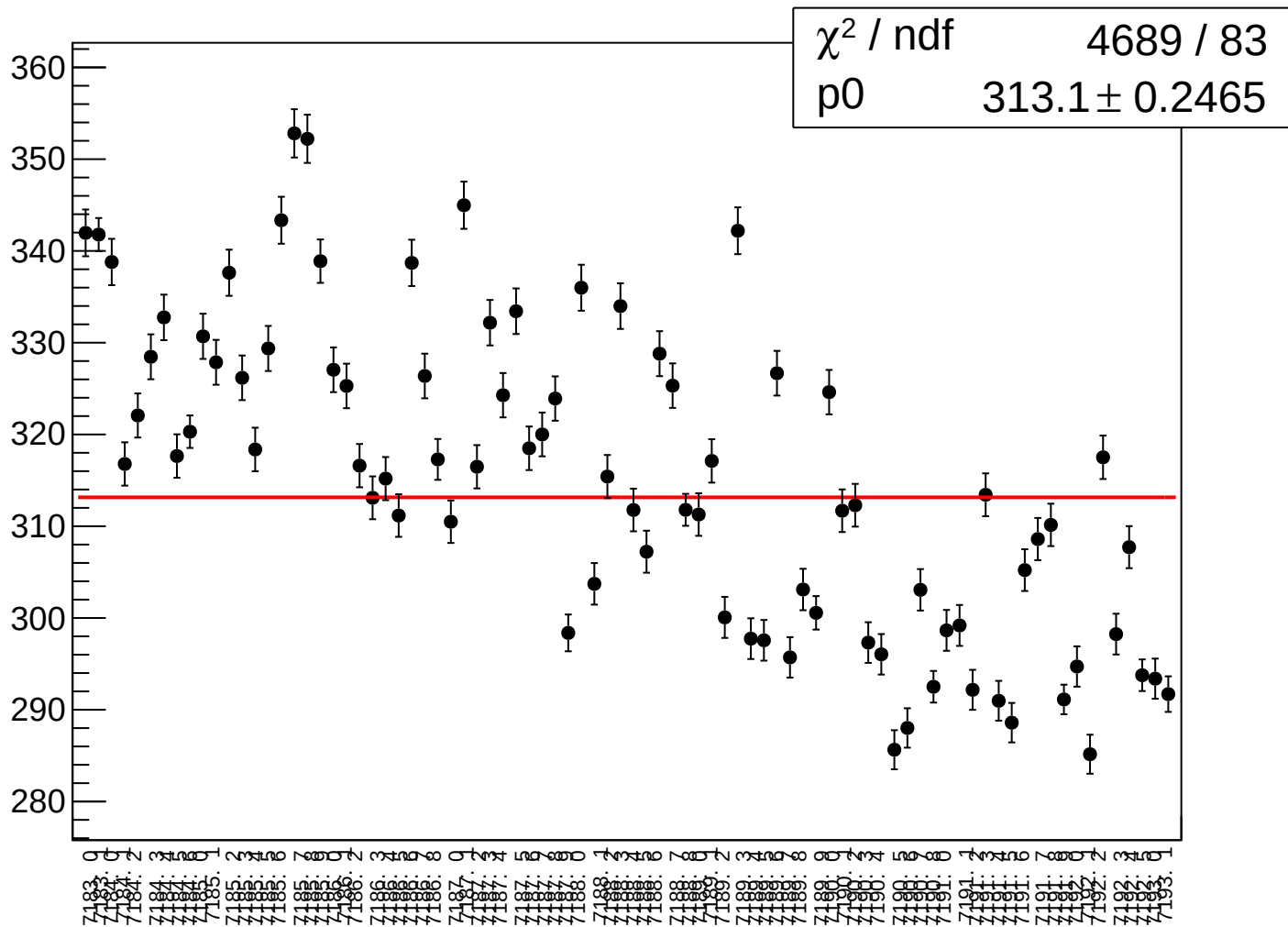


74133 74134 74135 74136 74137 74138 74139 74140 74141 74142 74143 74144 74145 74146 74147 74148 74149 74150 74151 74152 74153 74154 74155 74156 74157 74158 74159 74160 74161 74162 74163 74164 74165 74166 74167 74168 74169 74170 74171 74172 74173 74174 74175 74176 74177 74178 74179 74180 74181 74182 74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

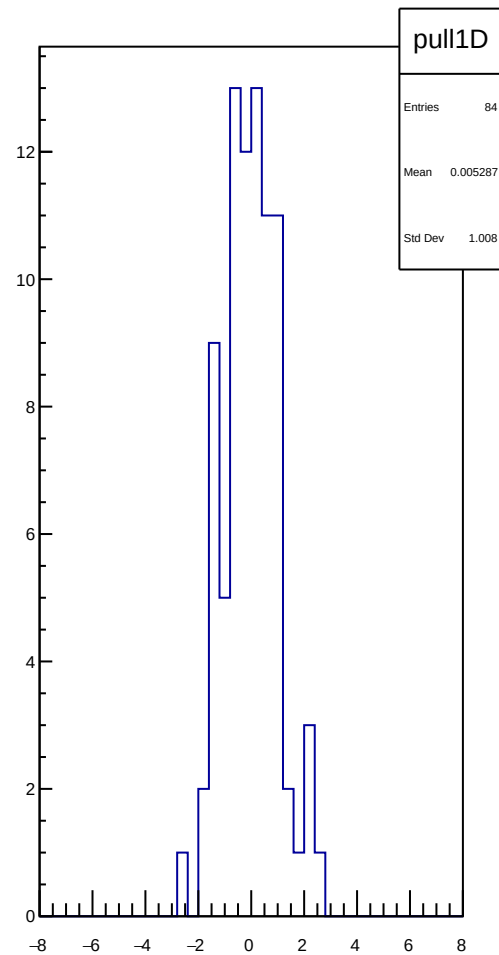
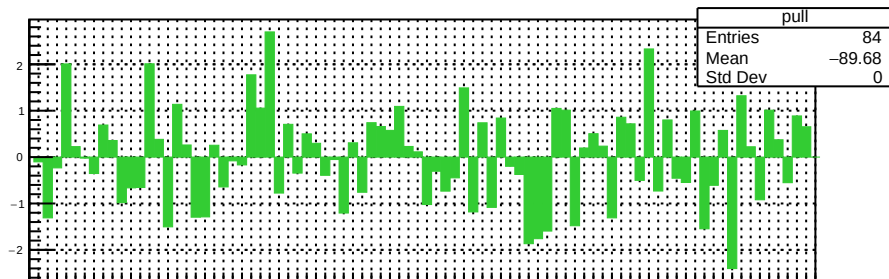
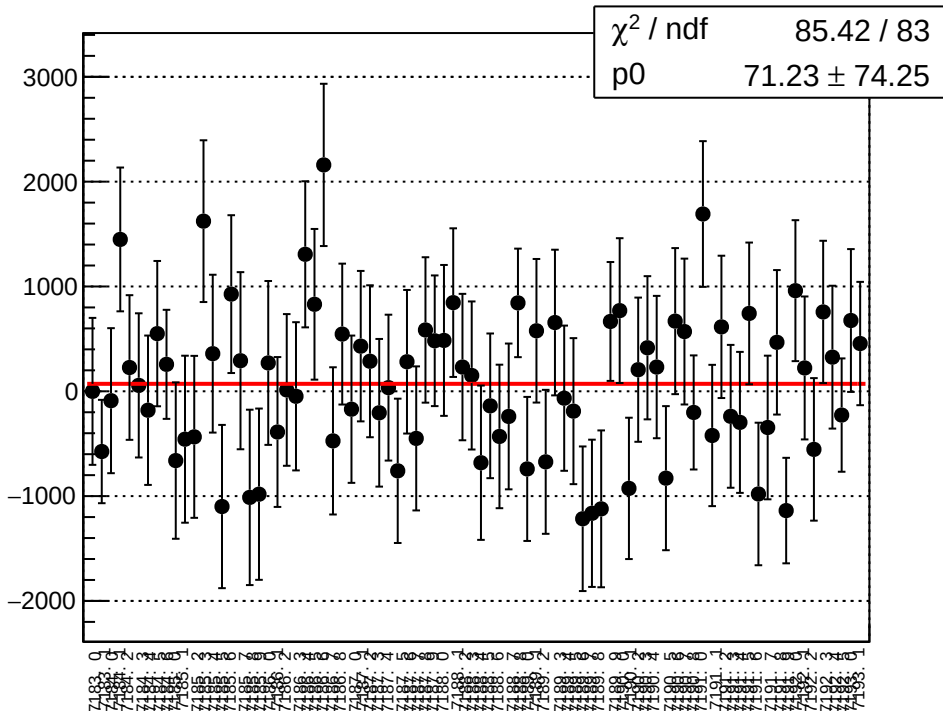
asym_sam_15_avg_dit_correction_mean vs run



asym_sam_15_avg_dit_correction_rms vs run



eigen_dit_asym_sam_15_avg_mean vs run



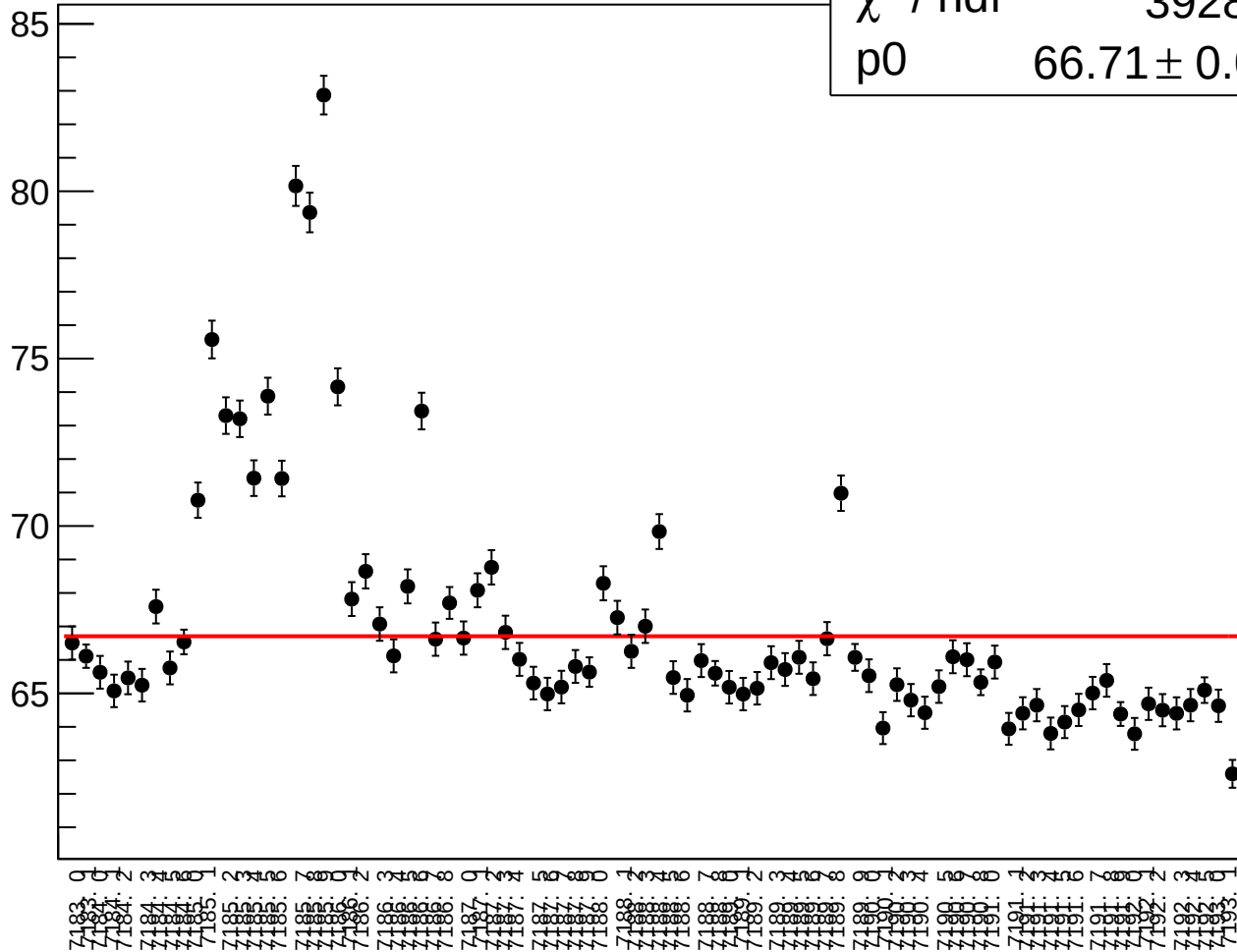
eigen_dit_asym_sam_15_avg_rms vs run

χ^2 / ndf

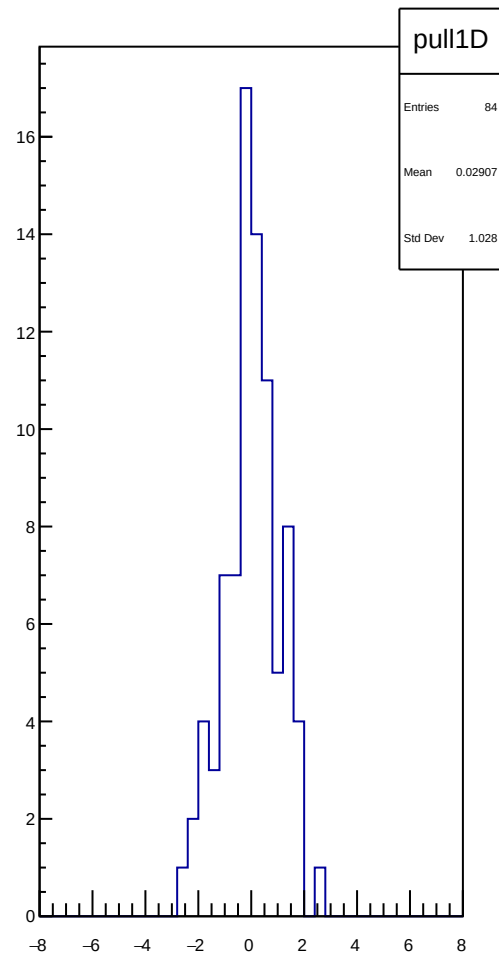
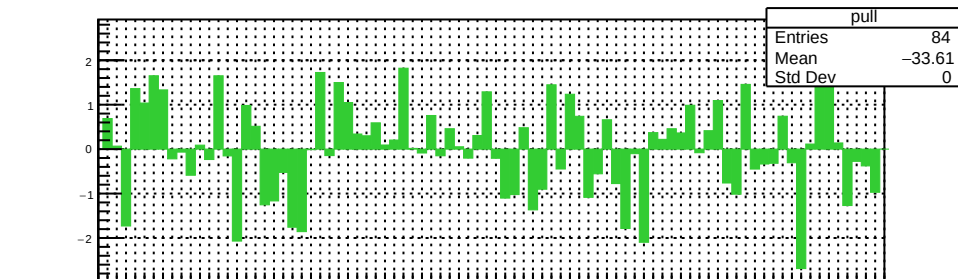
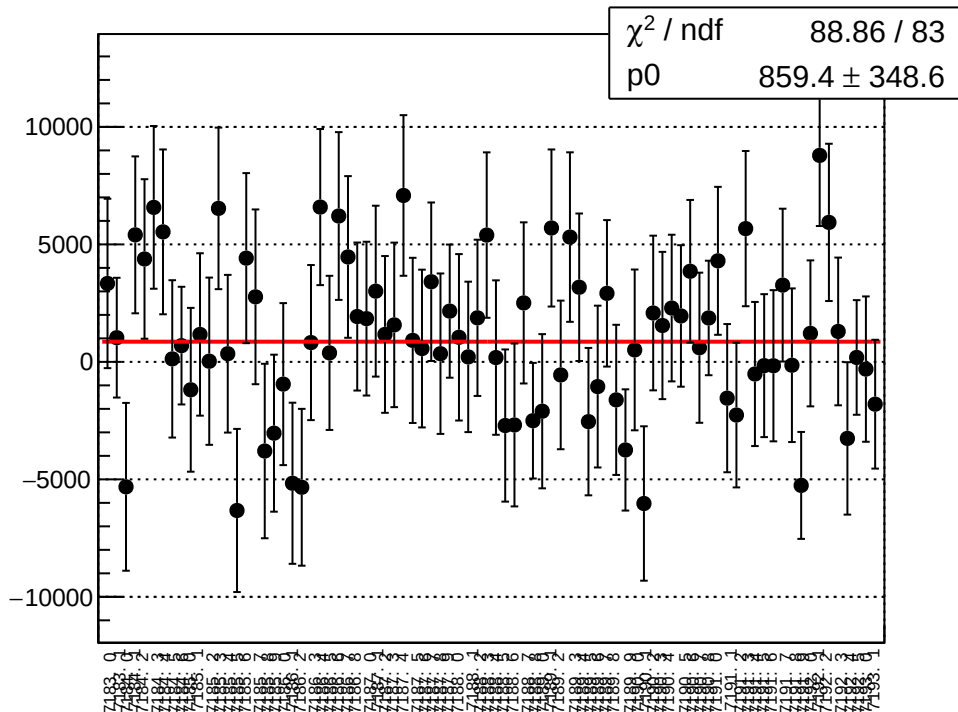
3928 / 83

p0

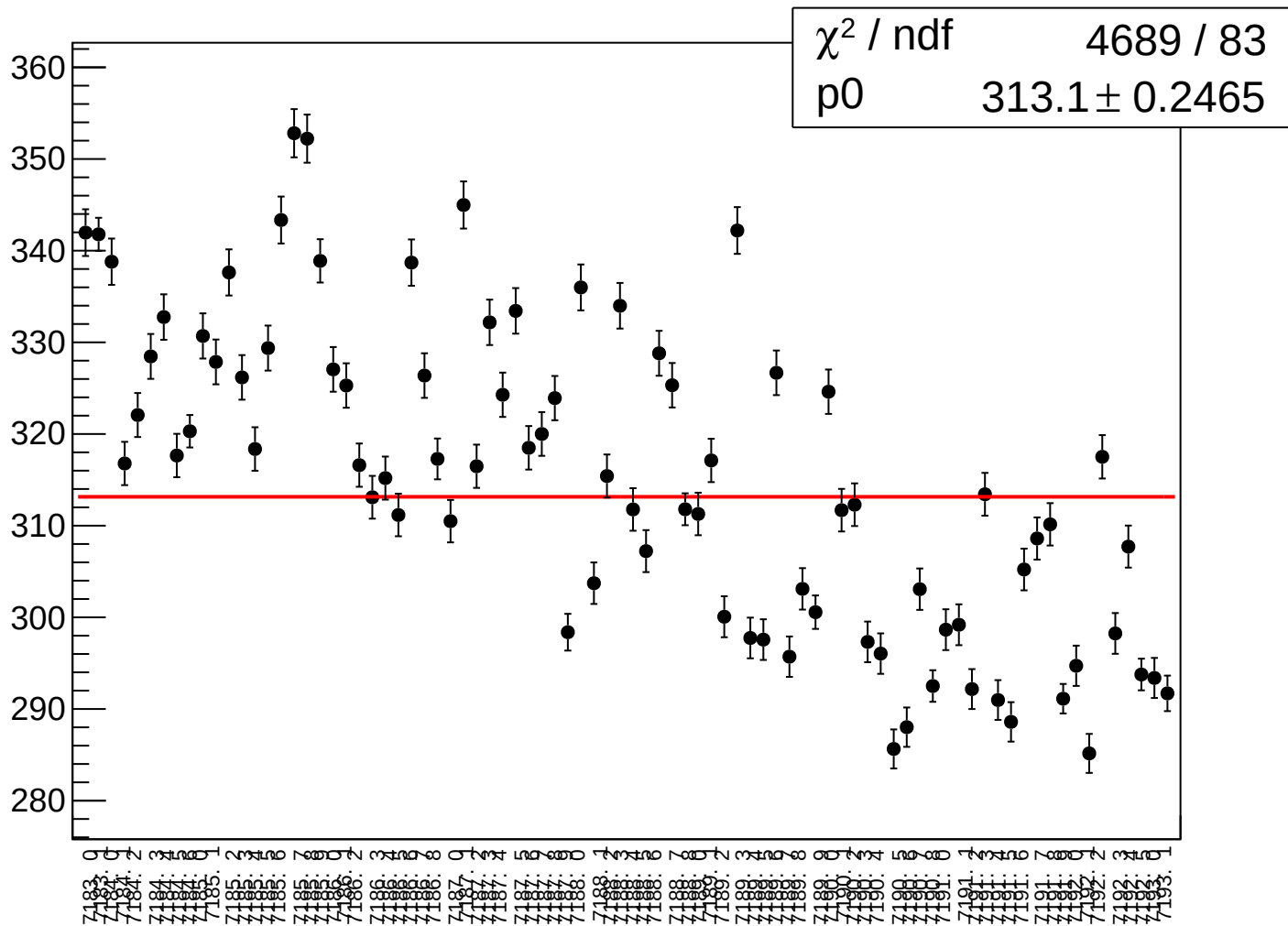
66.71 ± 0.0525



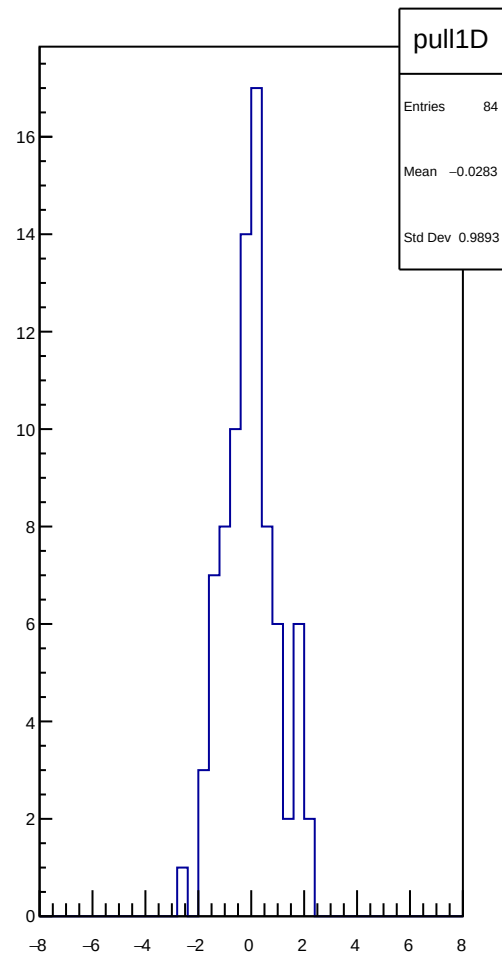
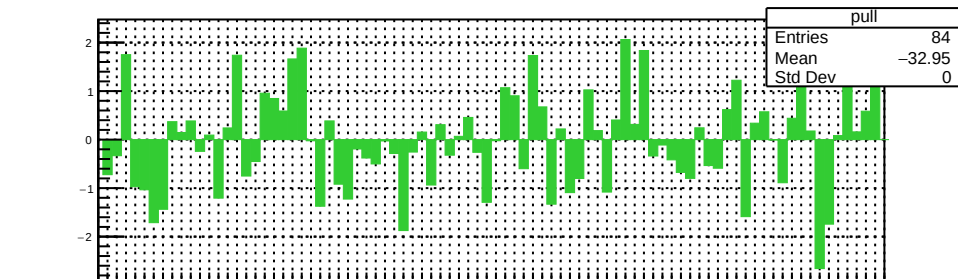
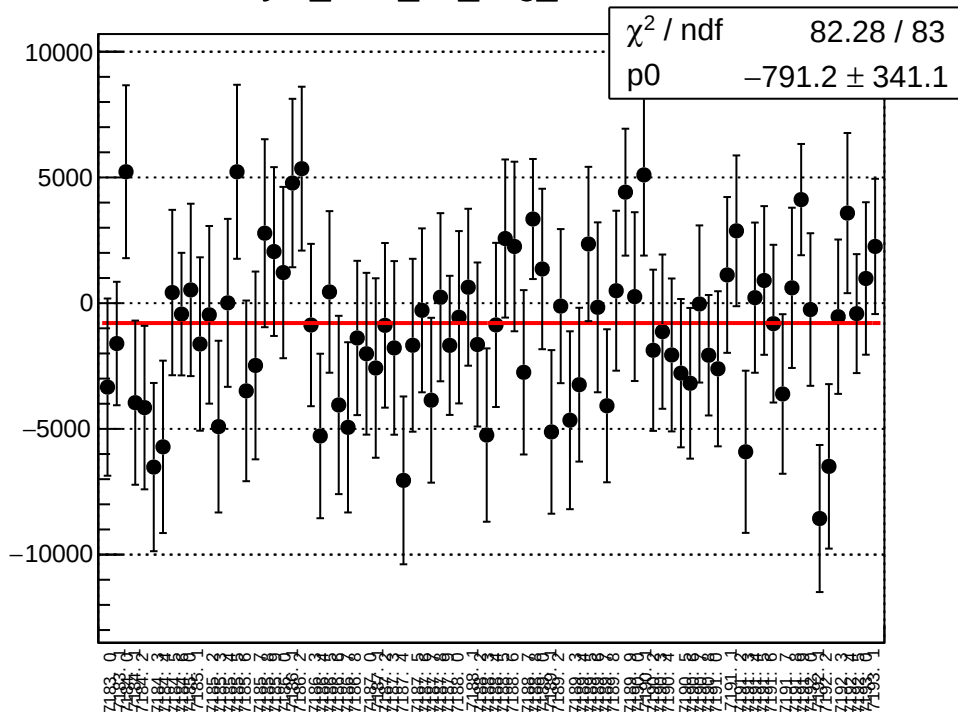
asym_sam_15_avg_eigen_dit_correction_mean vs run



asym_sam_15_avg_eigen_dit_correction_rms vs run



asym_sam_15_avg_mean vs run



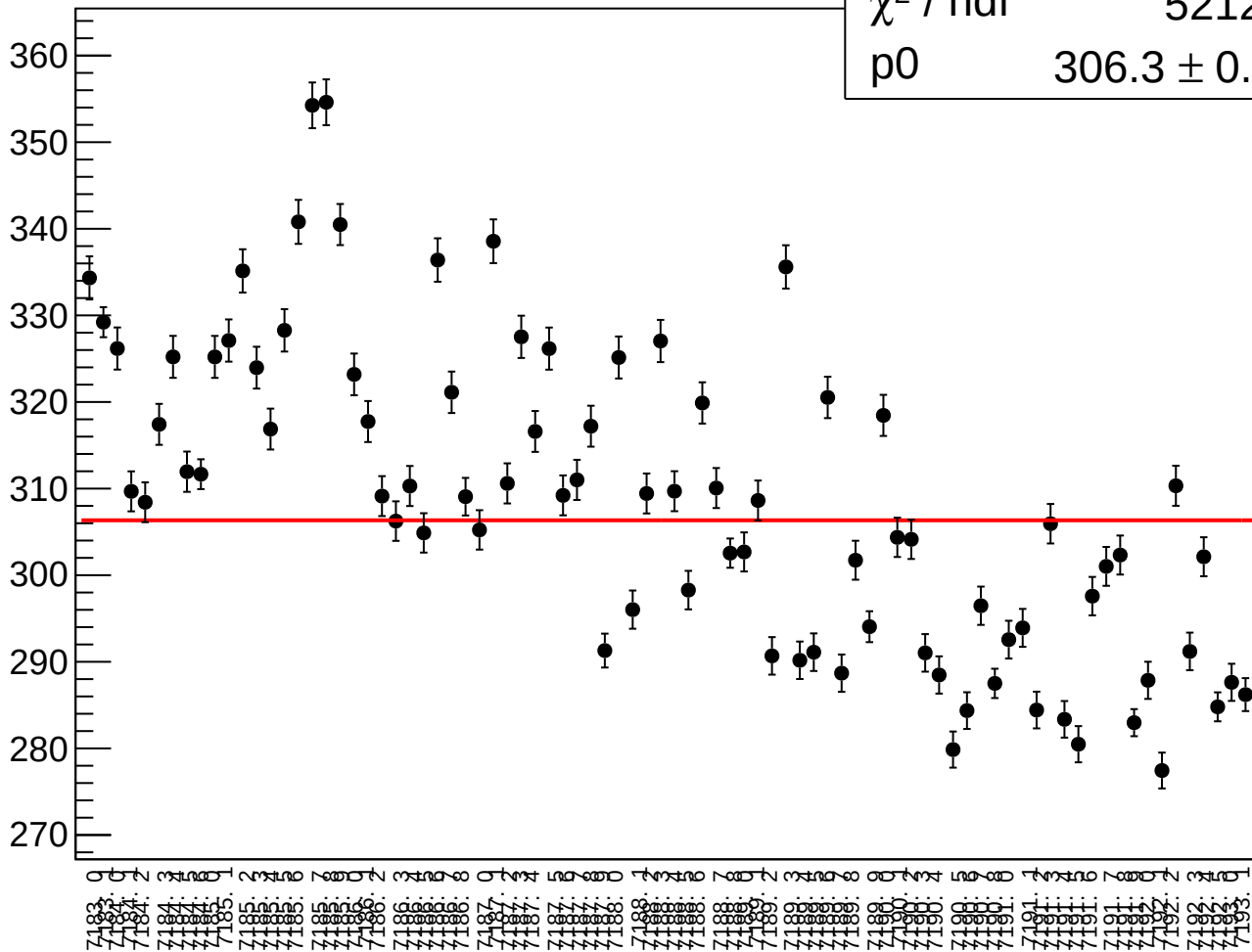
asym_sam_15_avg_rms vs run

χ^2 / ndf

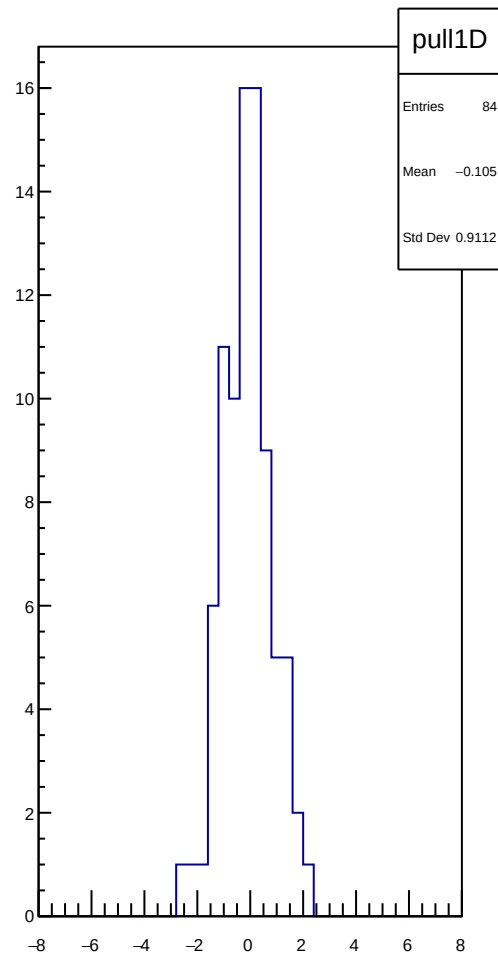
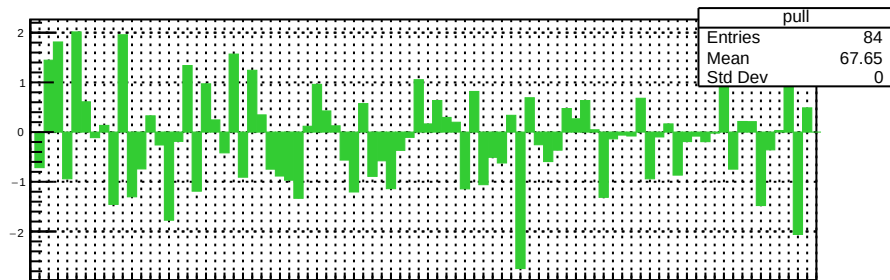
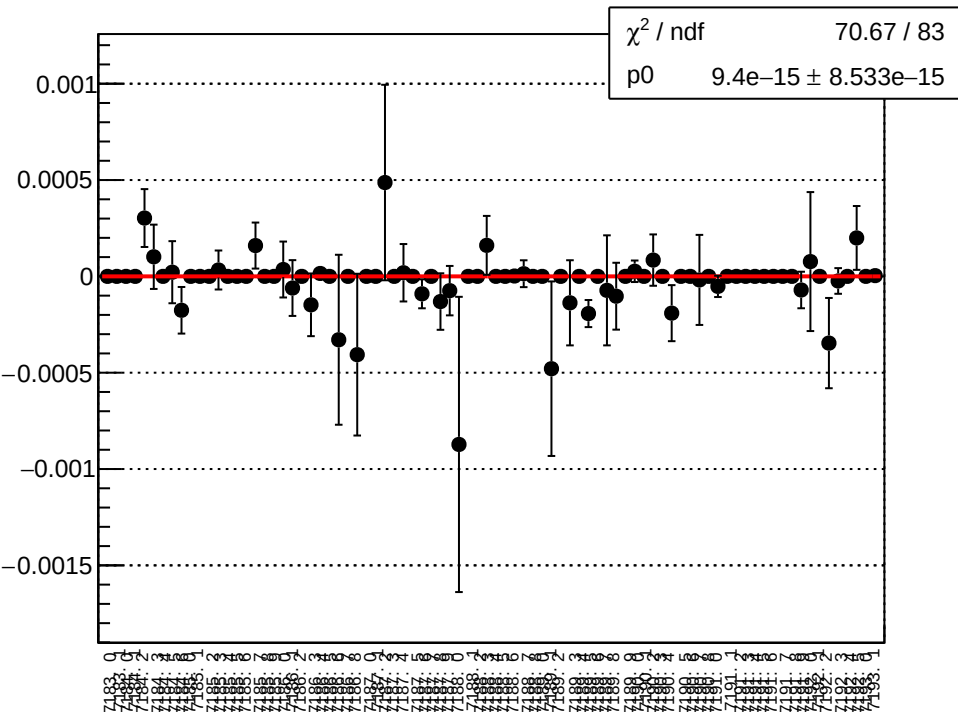
5212 / 83

p0

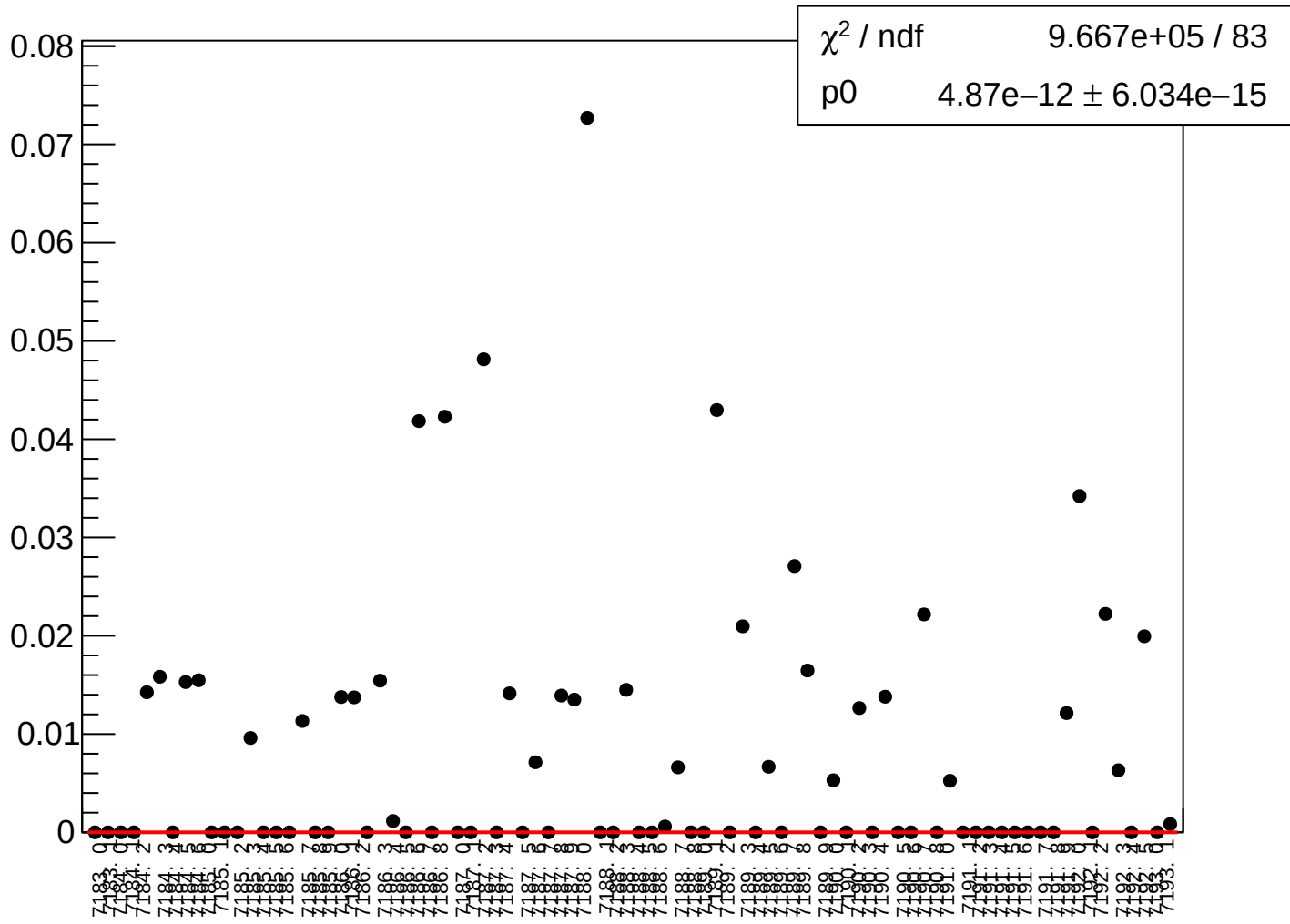
306.3 ± 0.2412



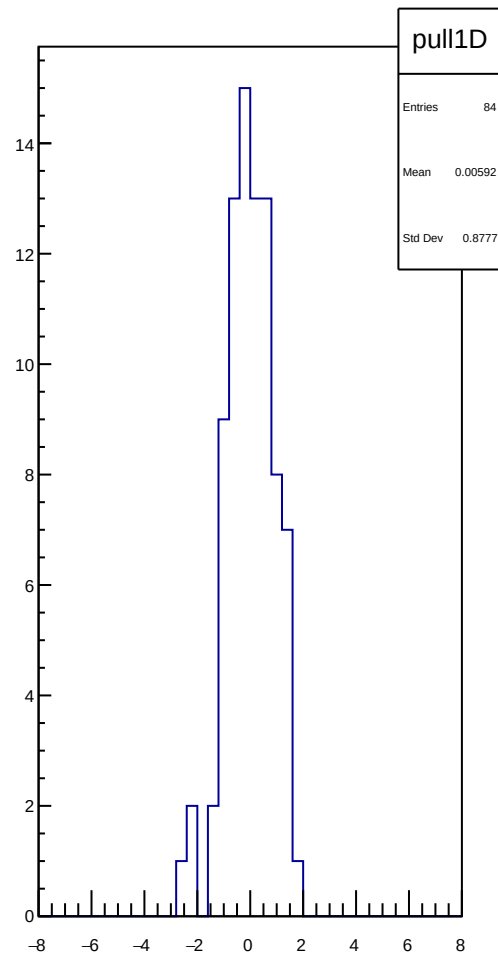
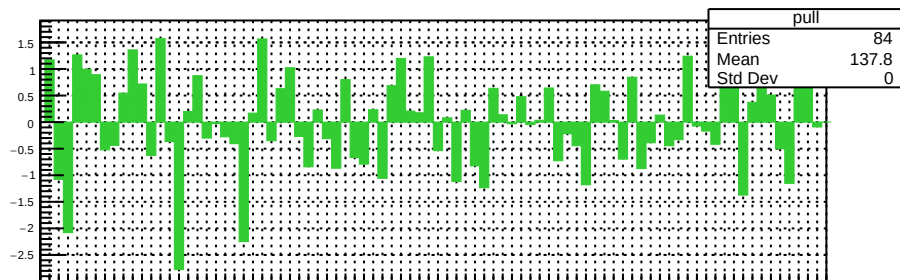
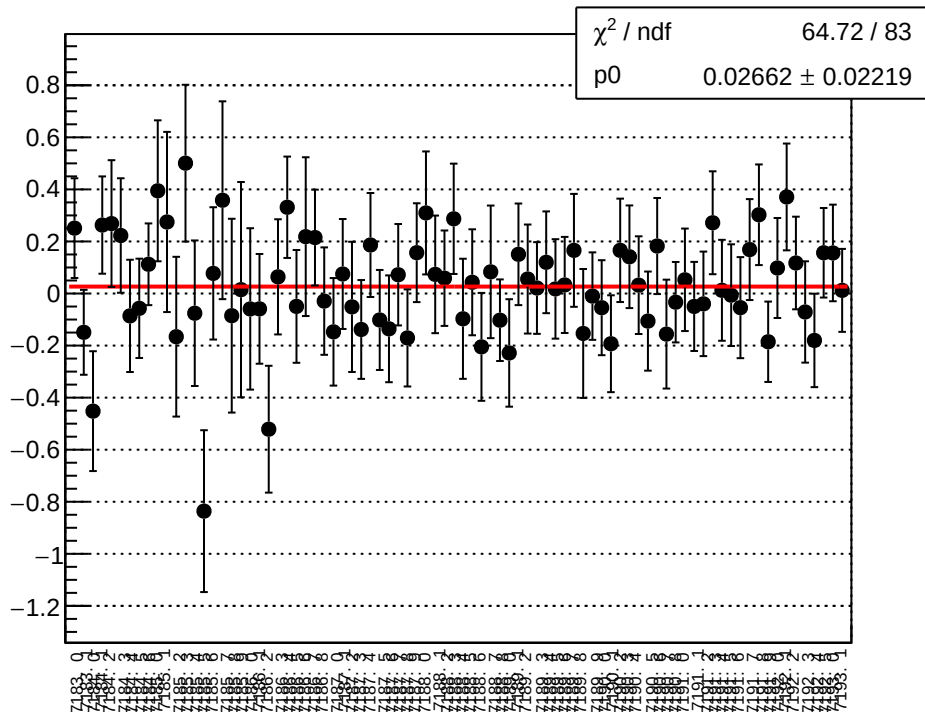
asym_sam_15_avg_reg_vs_cor_diff_mean vs run



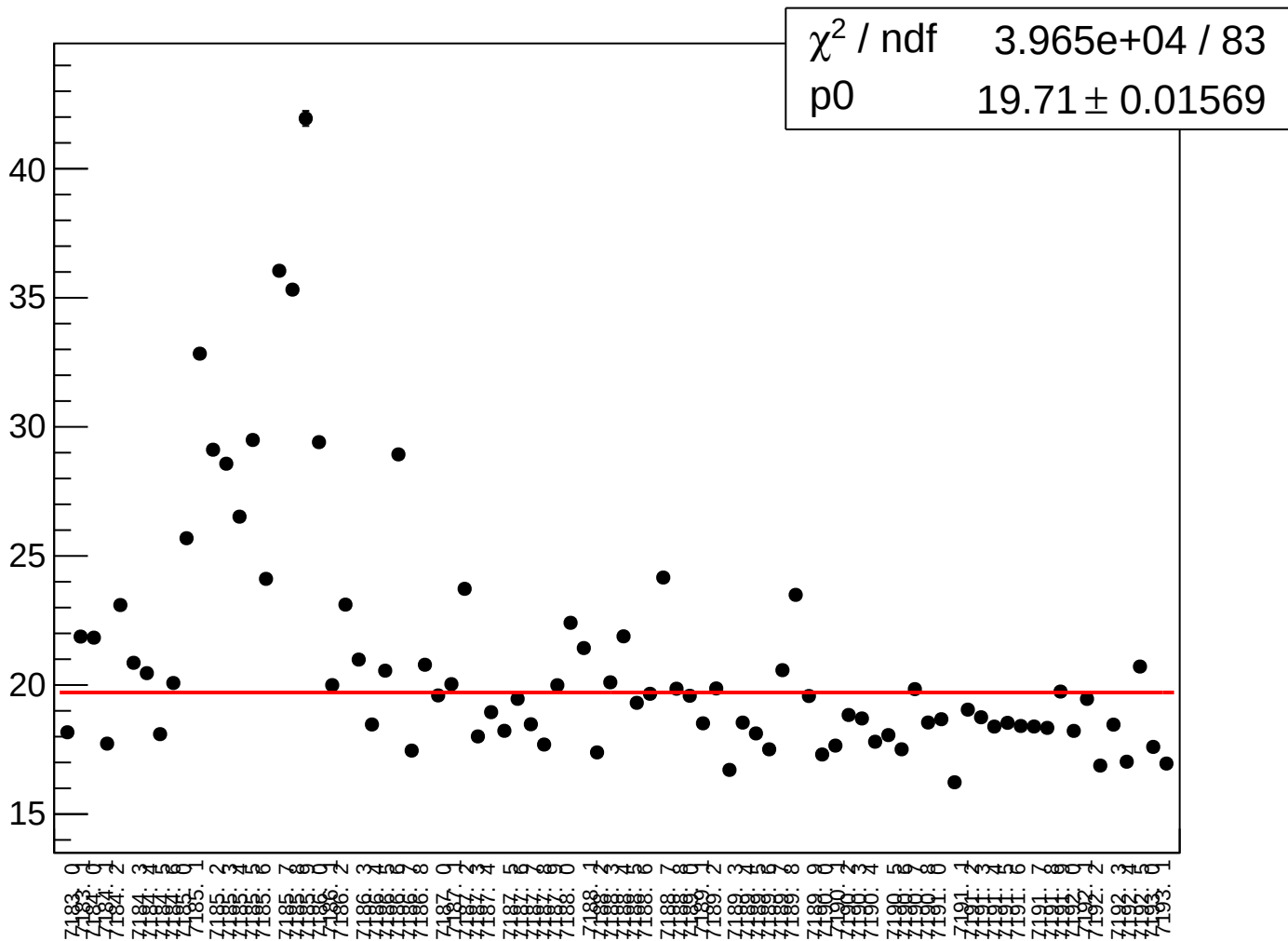
asym_sam_15_avg_reg_vs_cor_diff_rms vs run



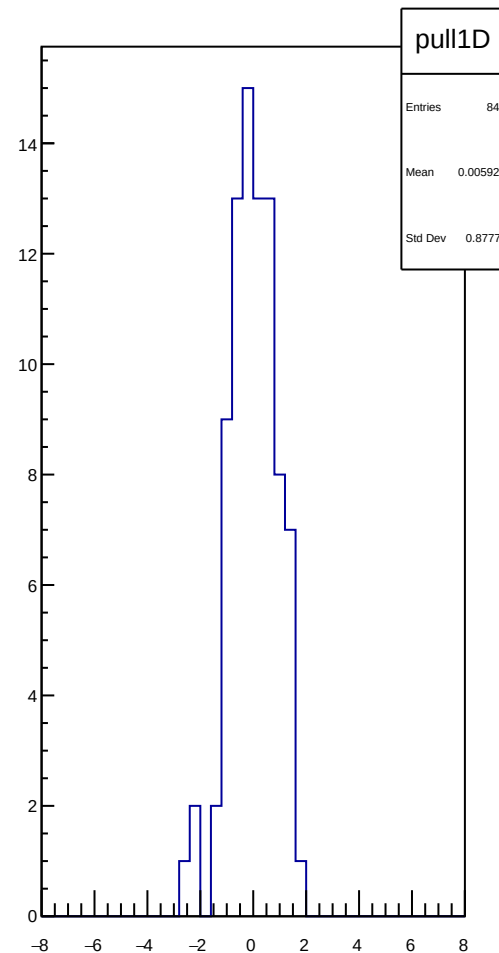
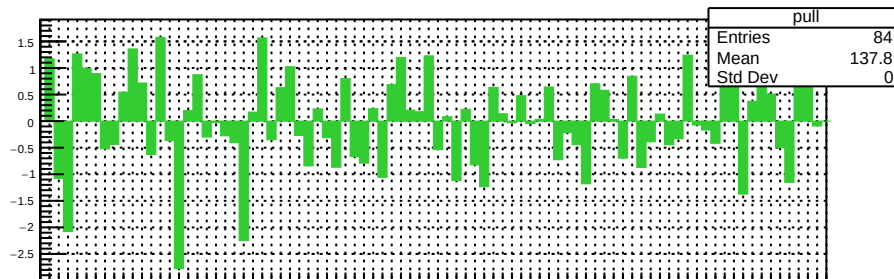
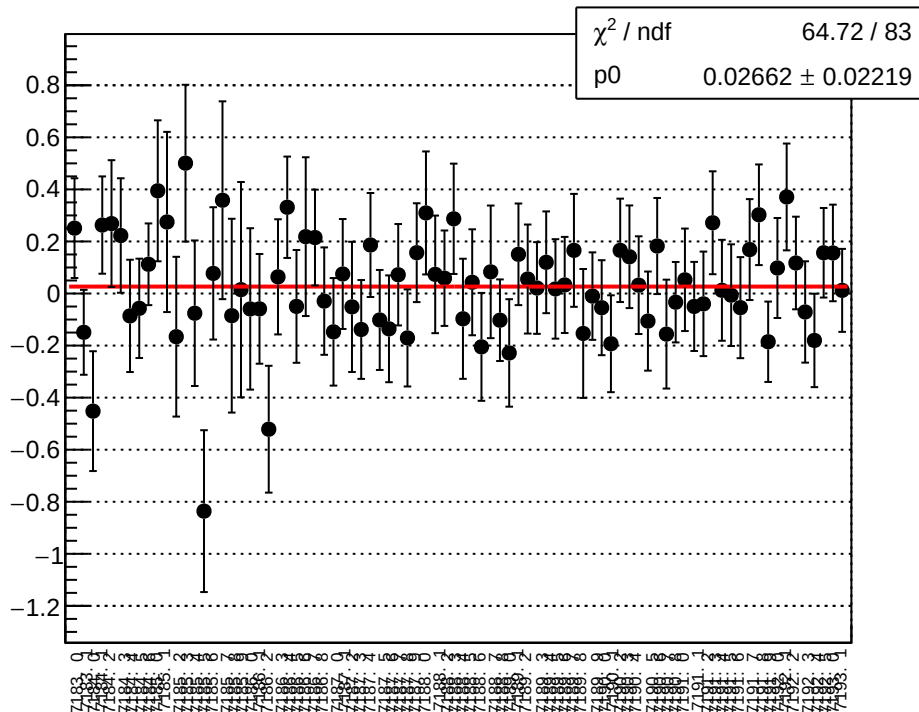
asym_sam_15_avg_dit_vs_cor_diff_mean vs run



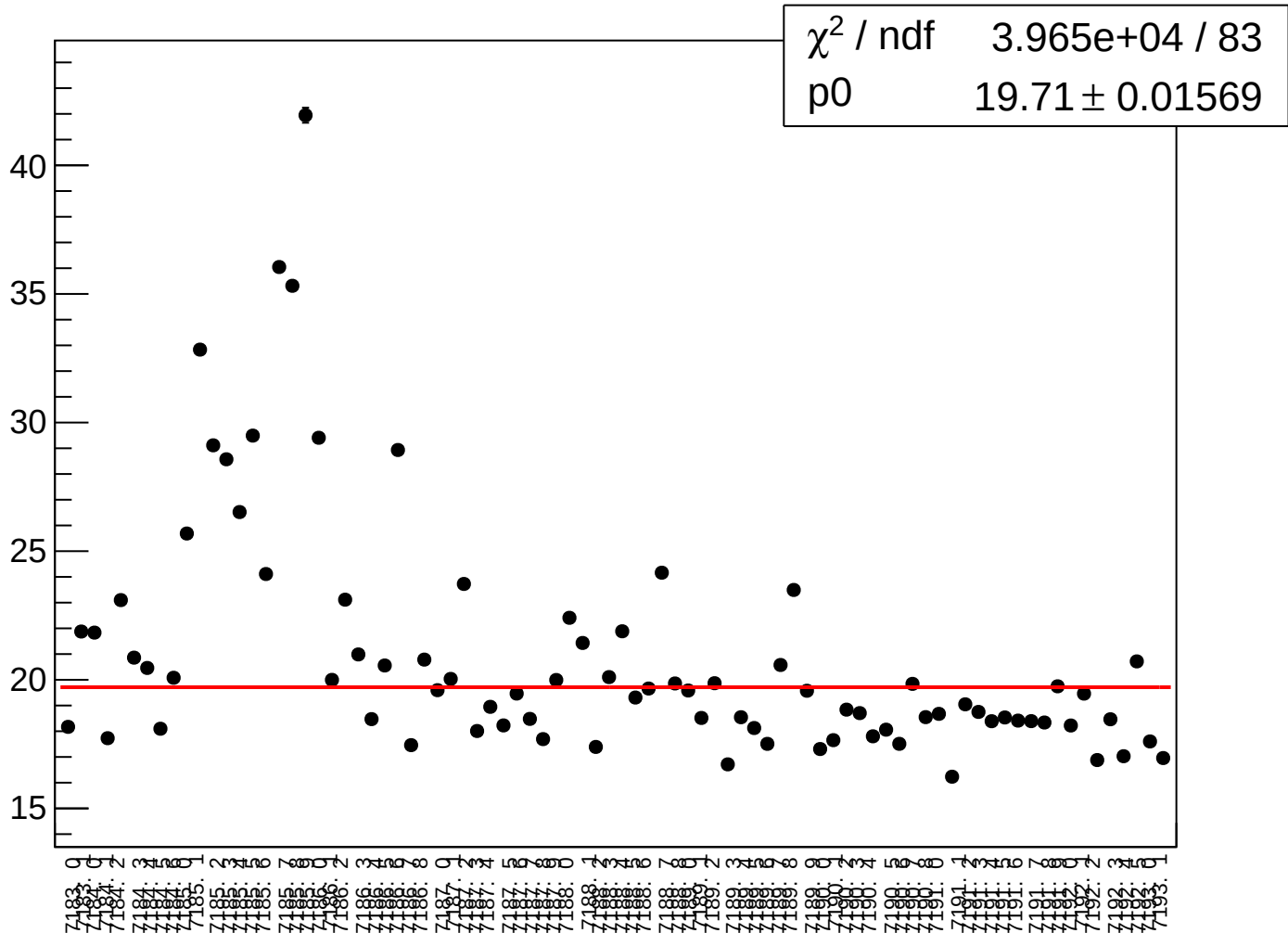
asym_sam_15_avg_dit_vs_cor_diff_rms vs run



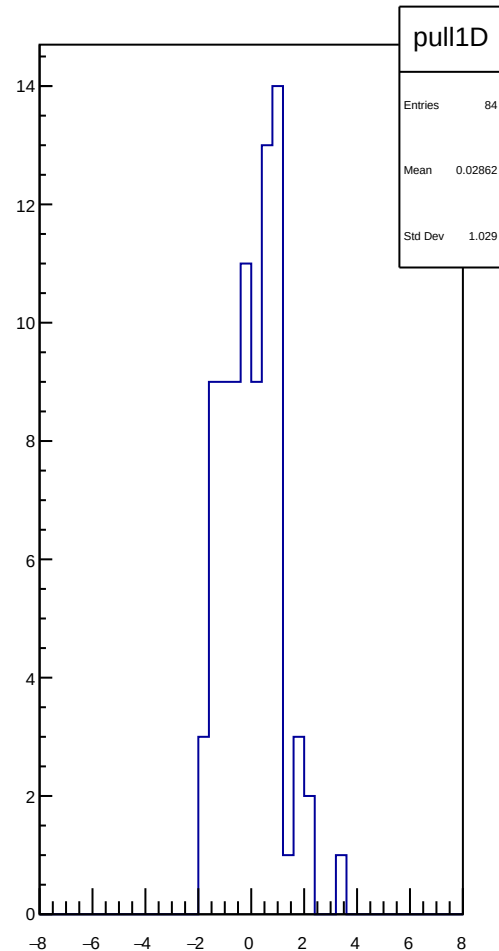
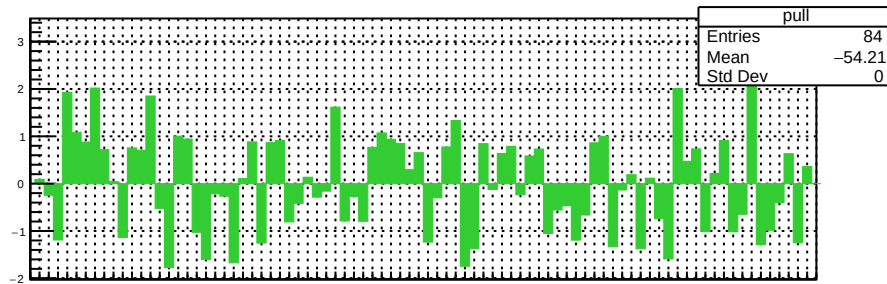
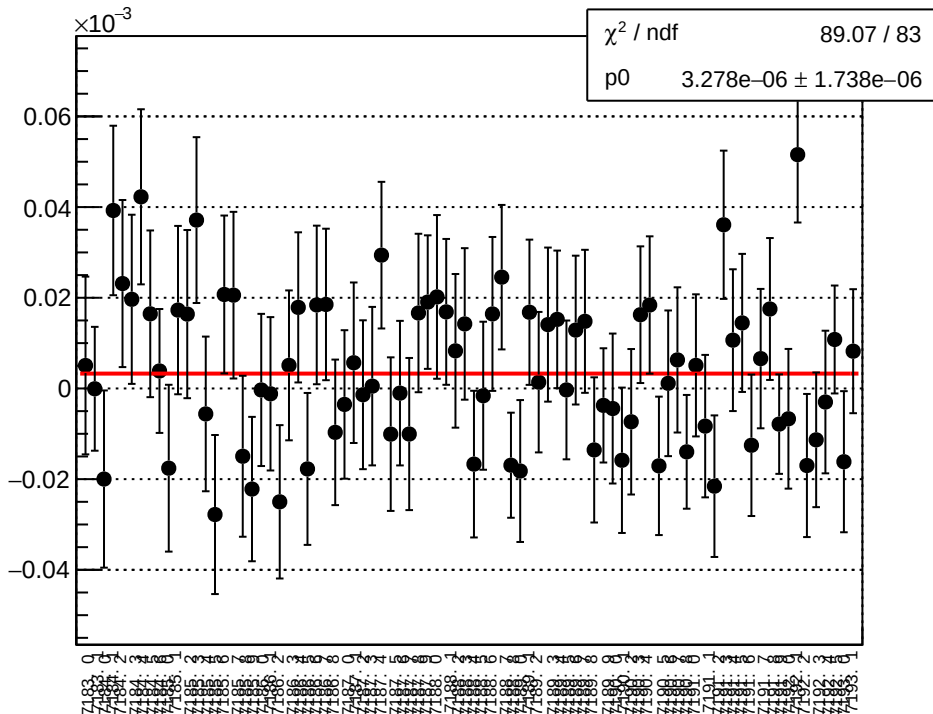
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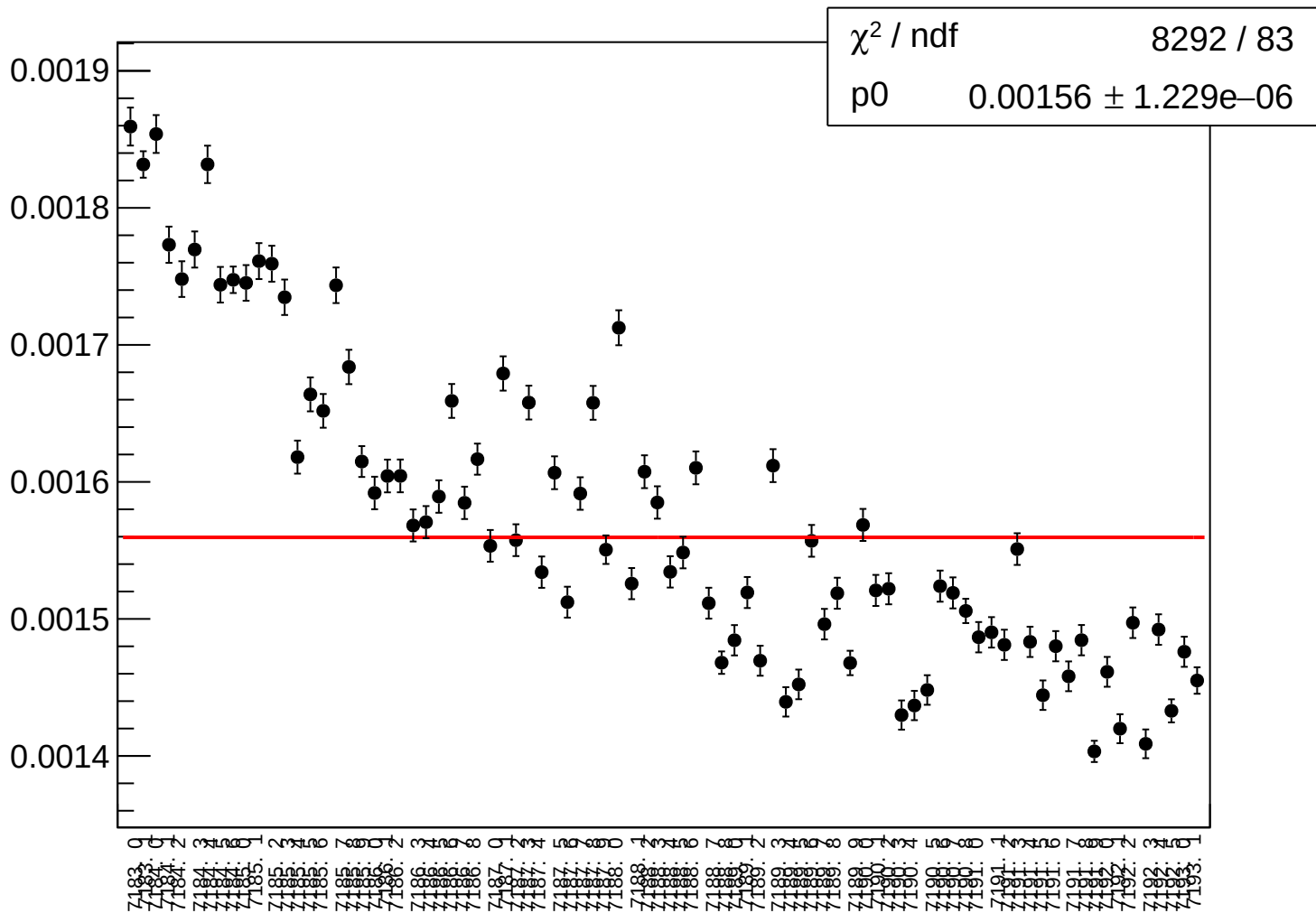
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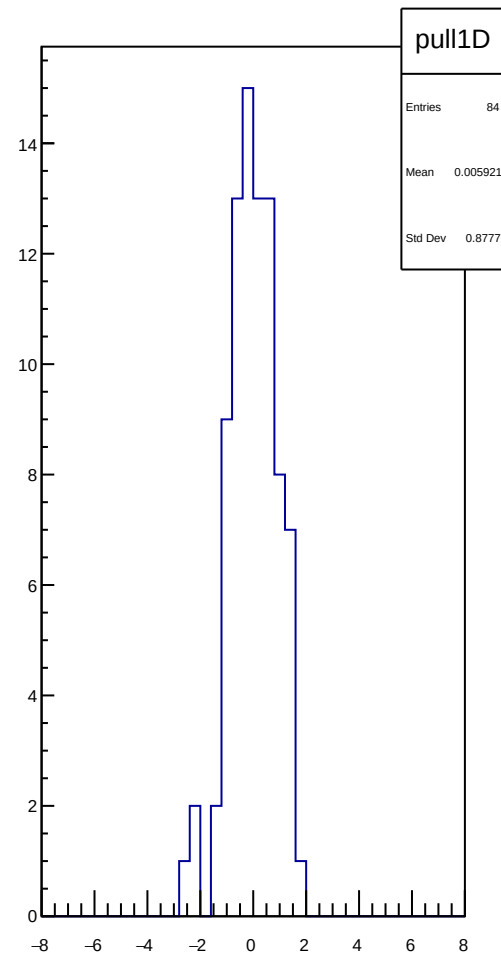
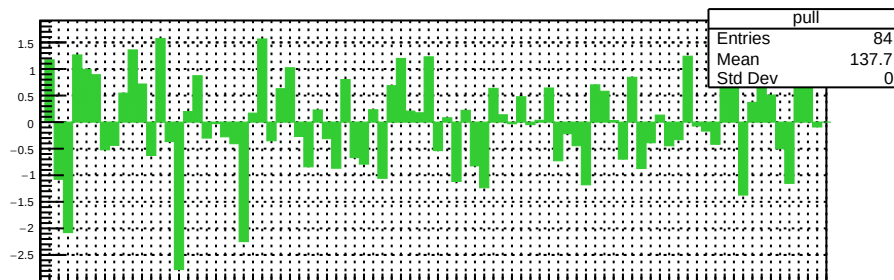
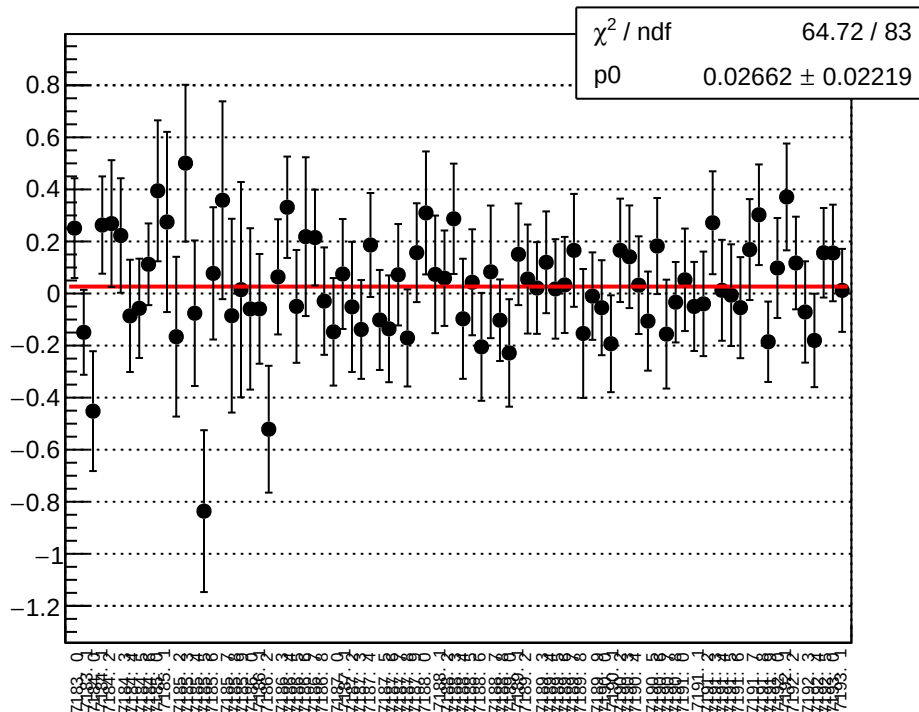
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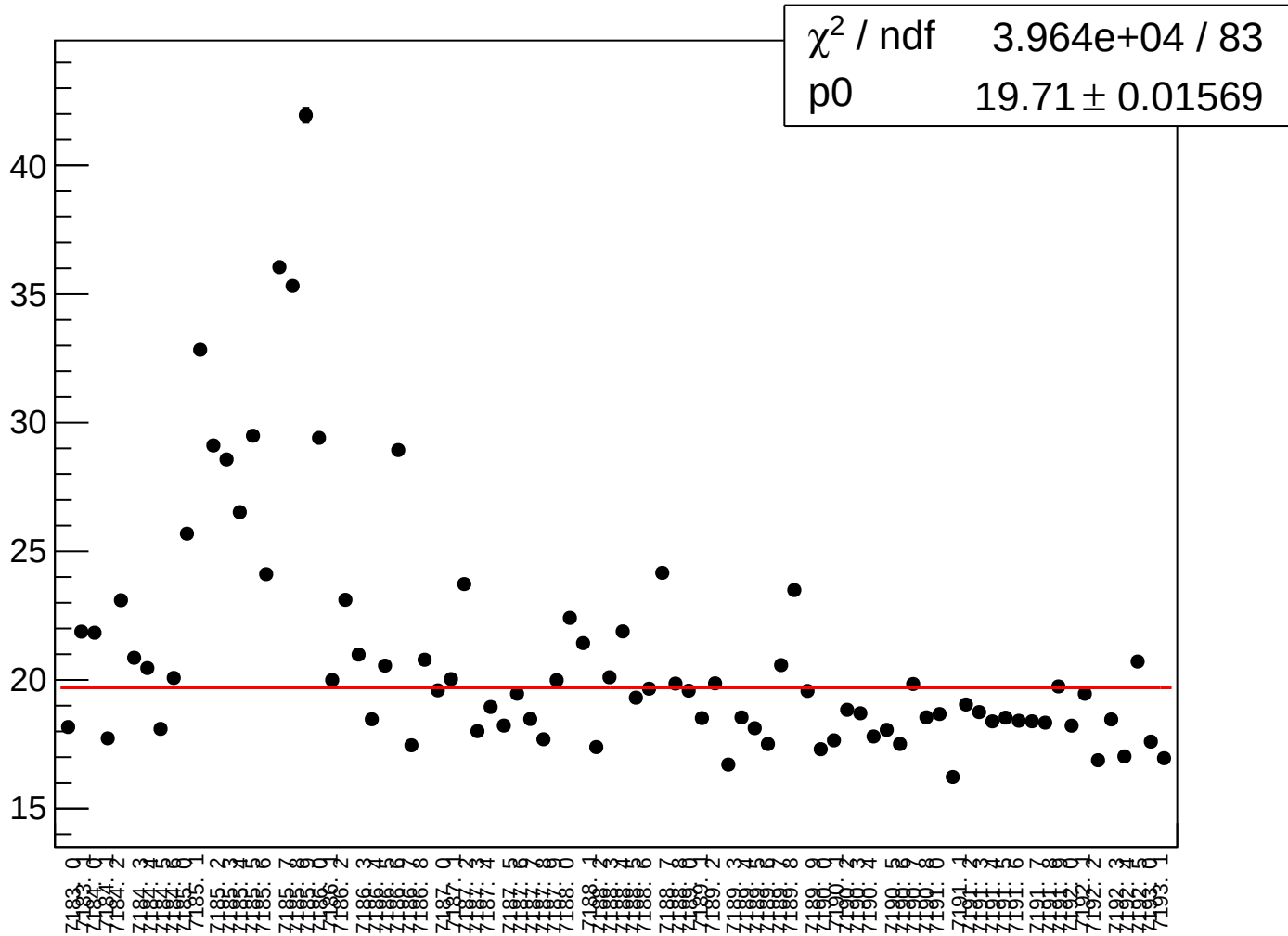
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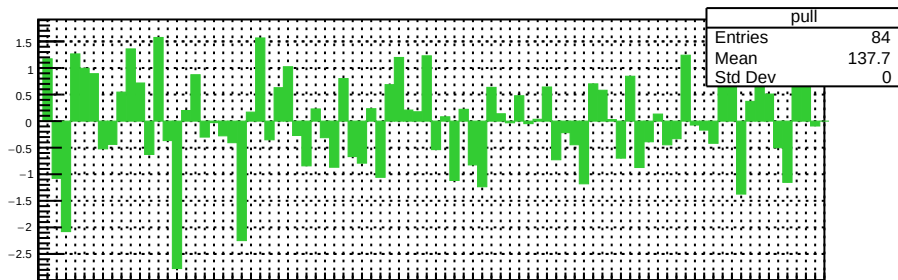
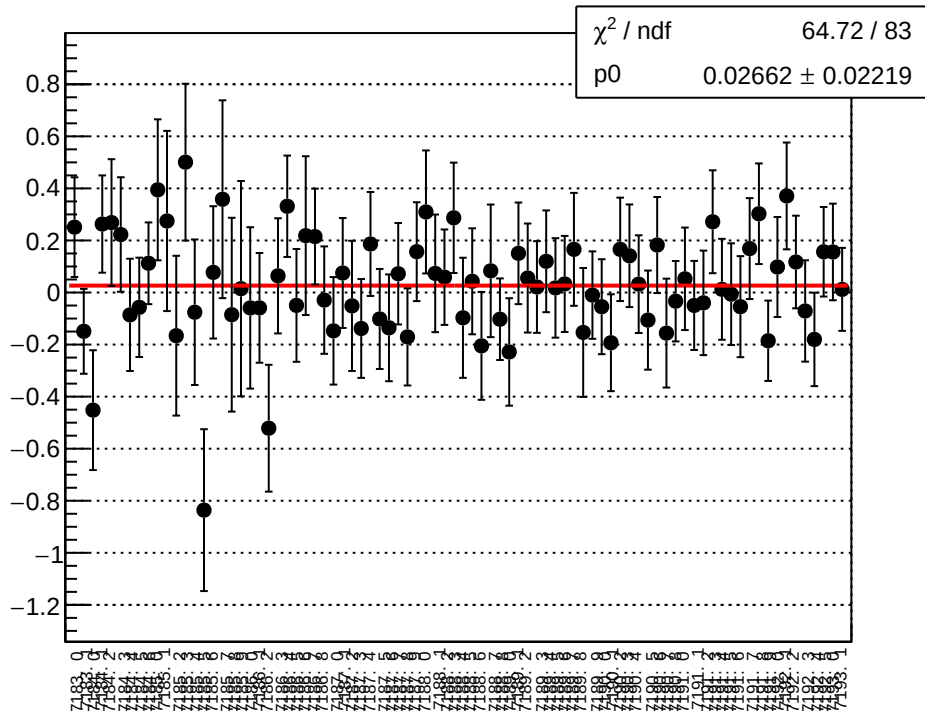
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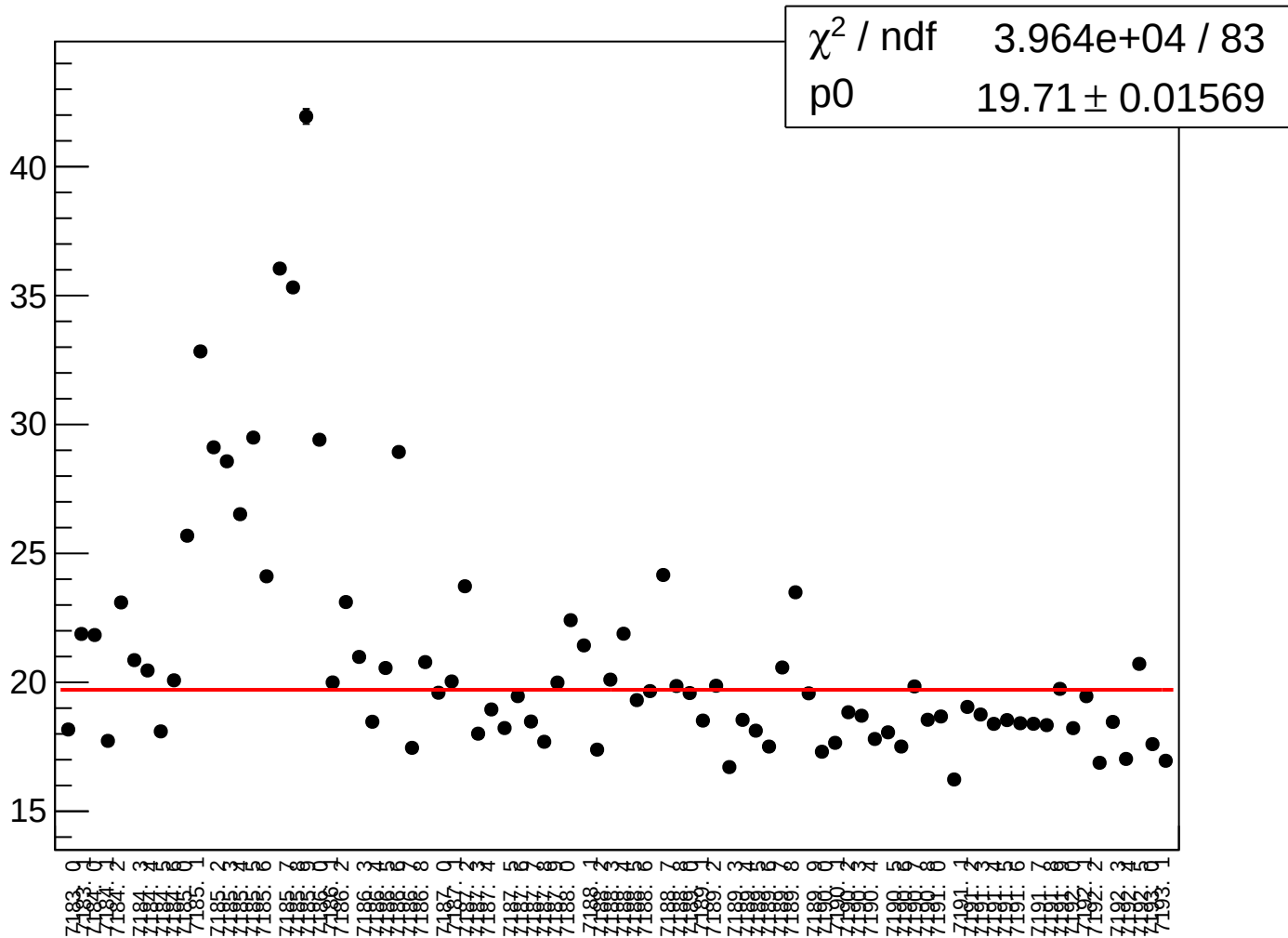
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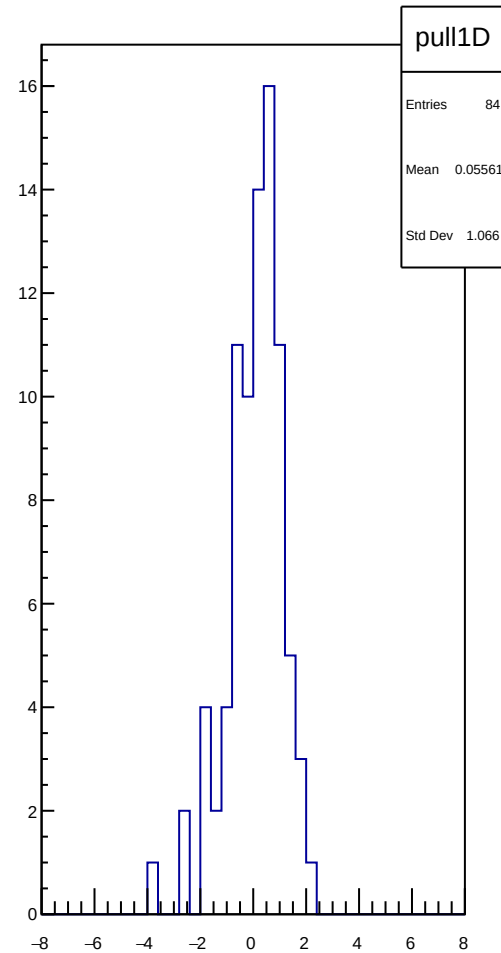
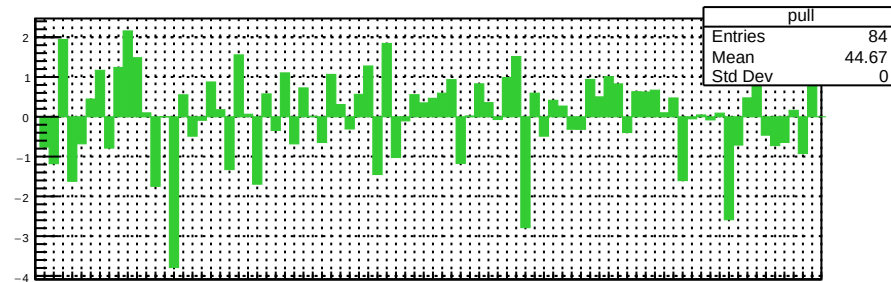
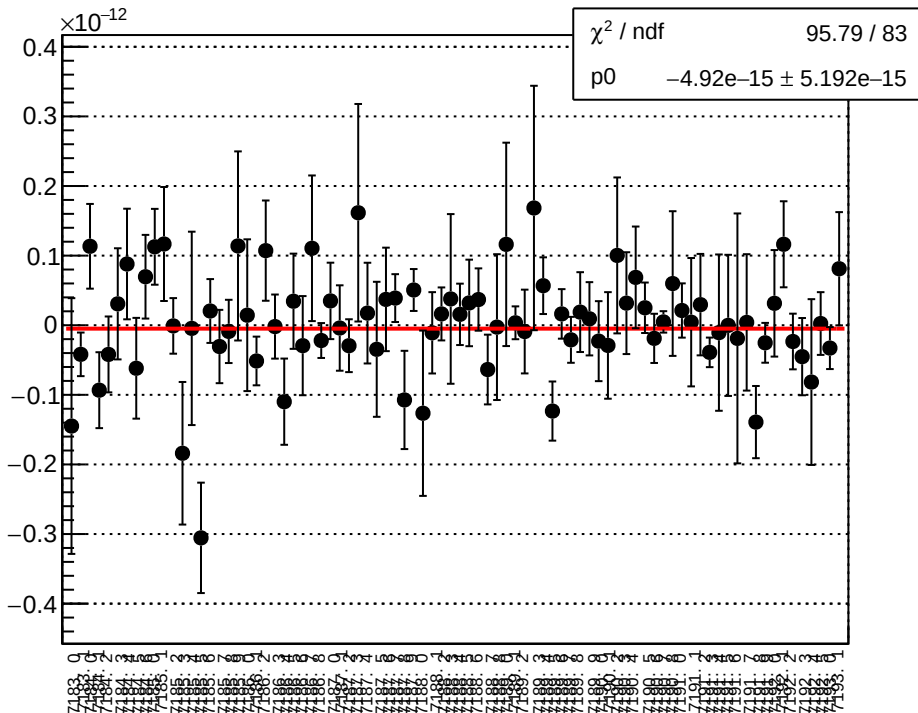
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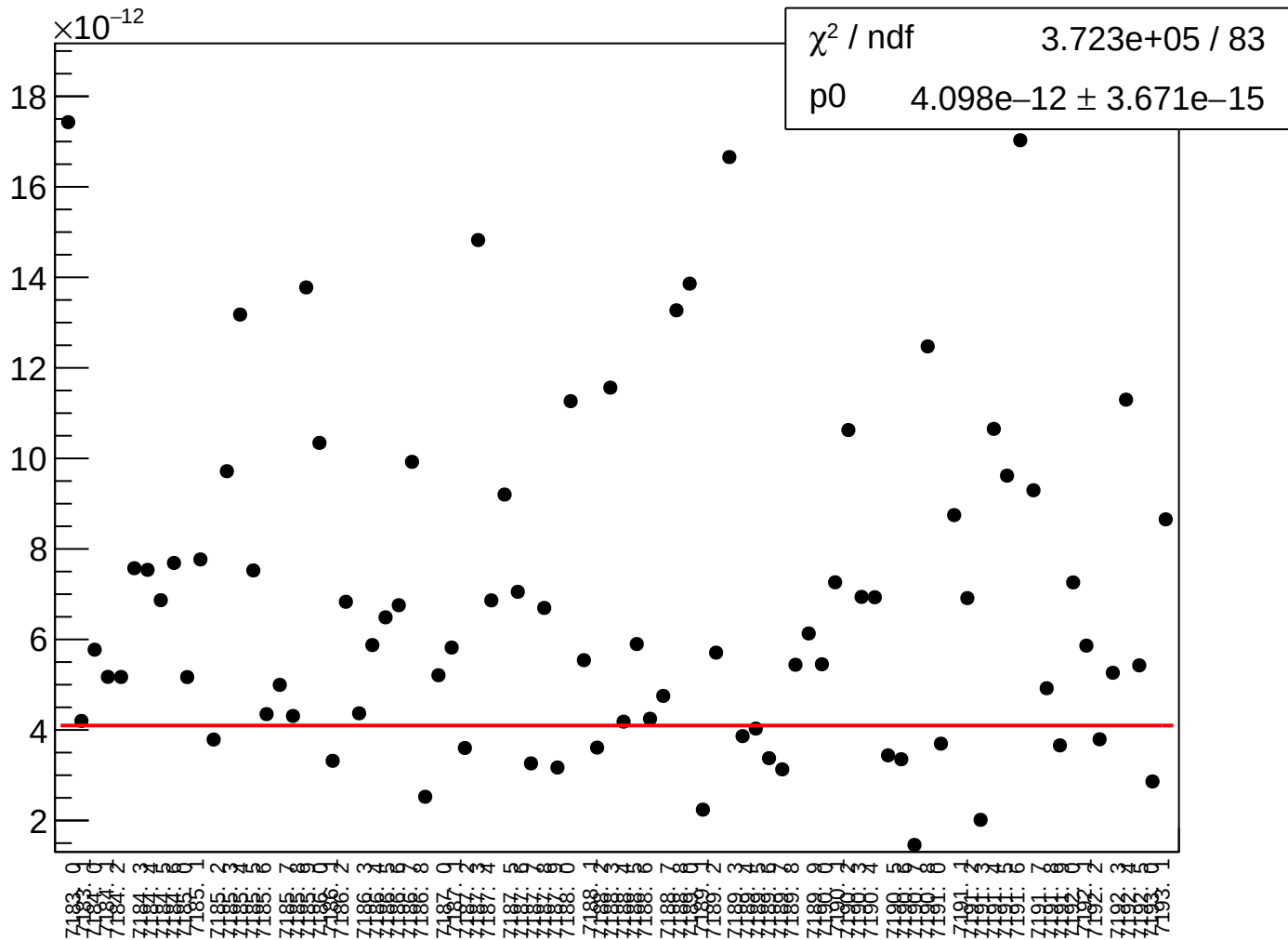
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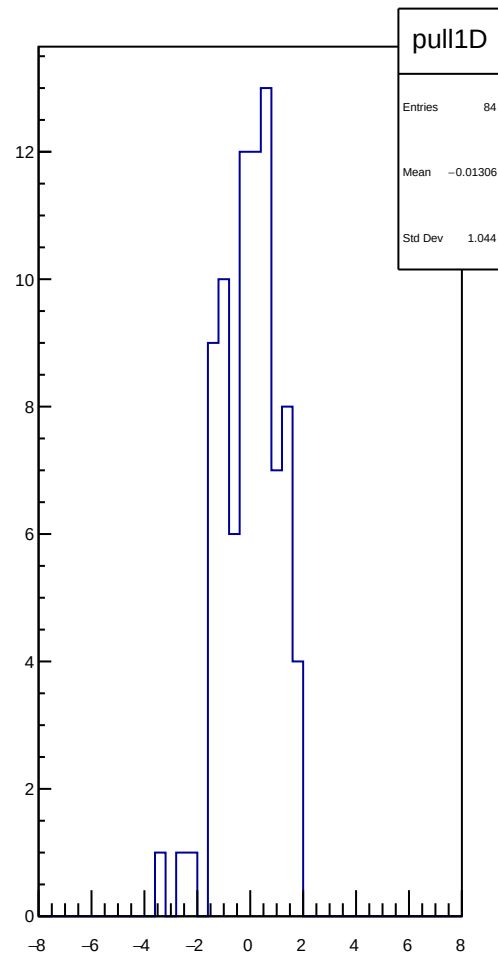
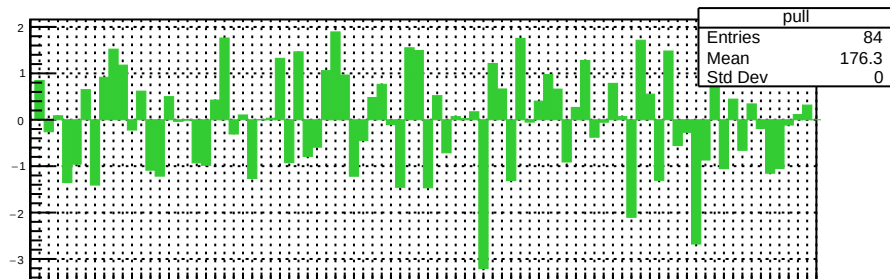
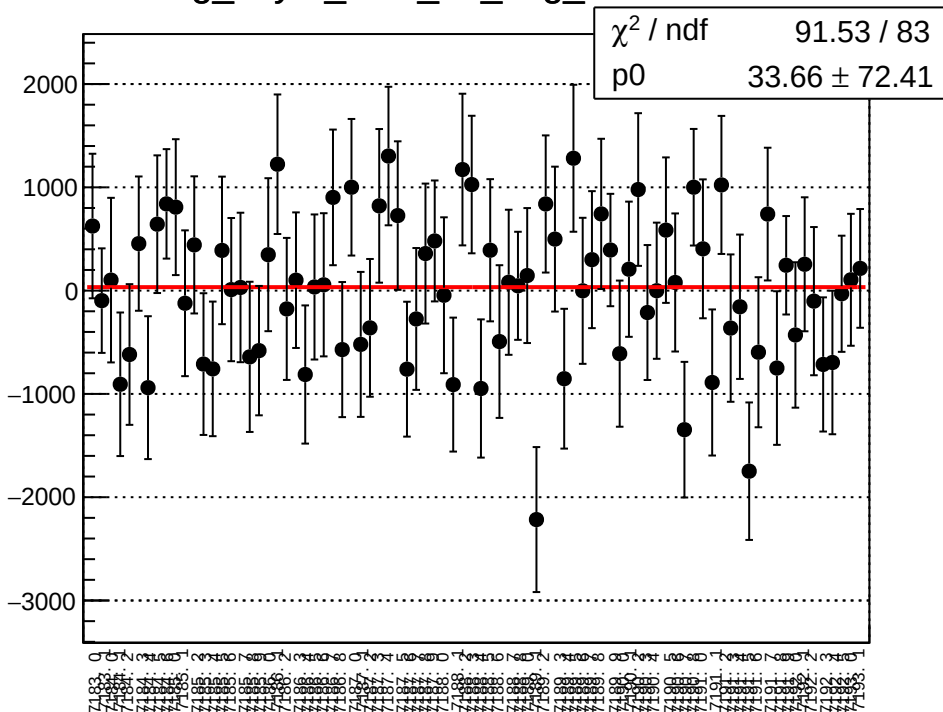
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asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_26_avg_mean vs run



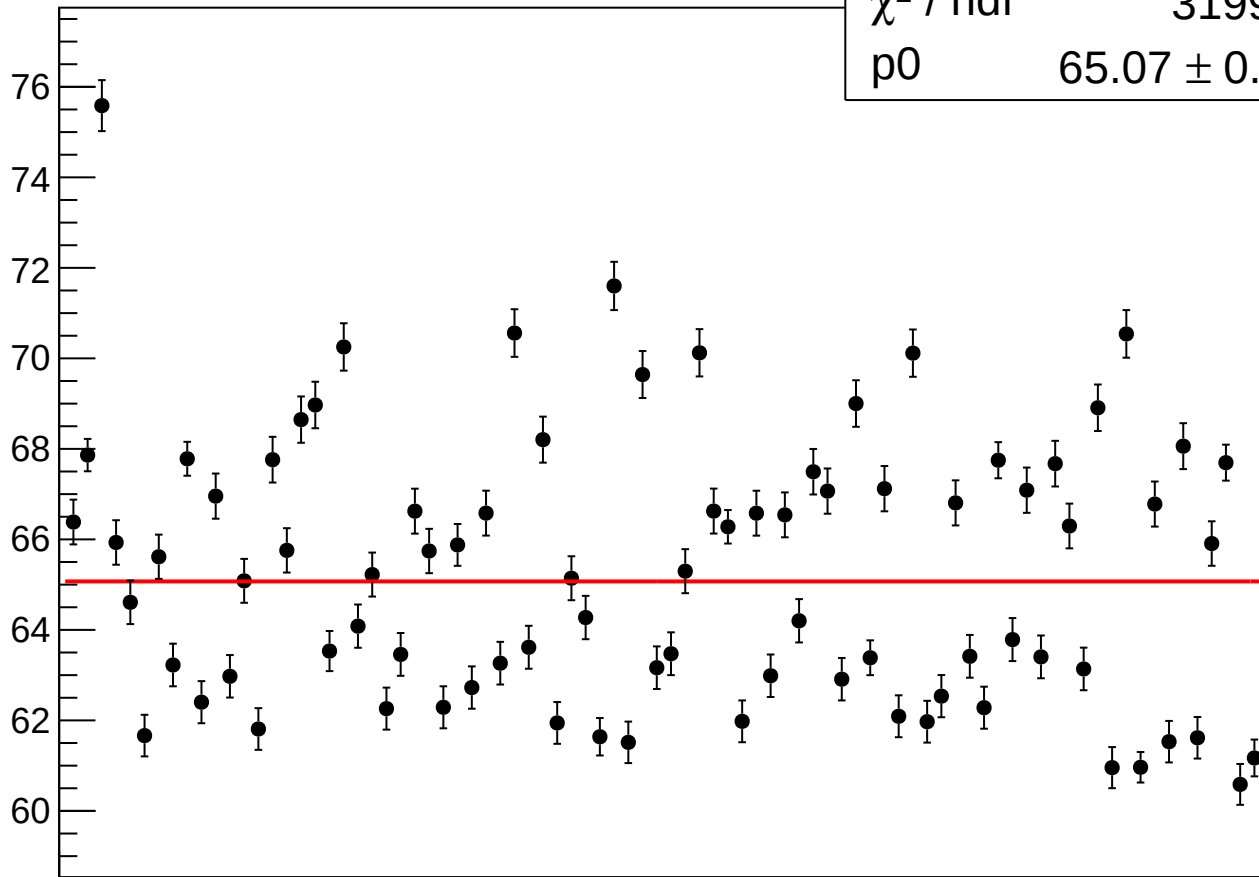
reg_asym_sam_26_avg_rms vs run

χ^2 / ndf

3199 / 83

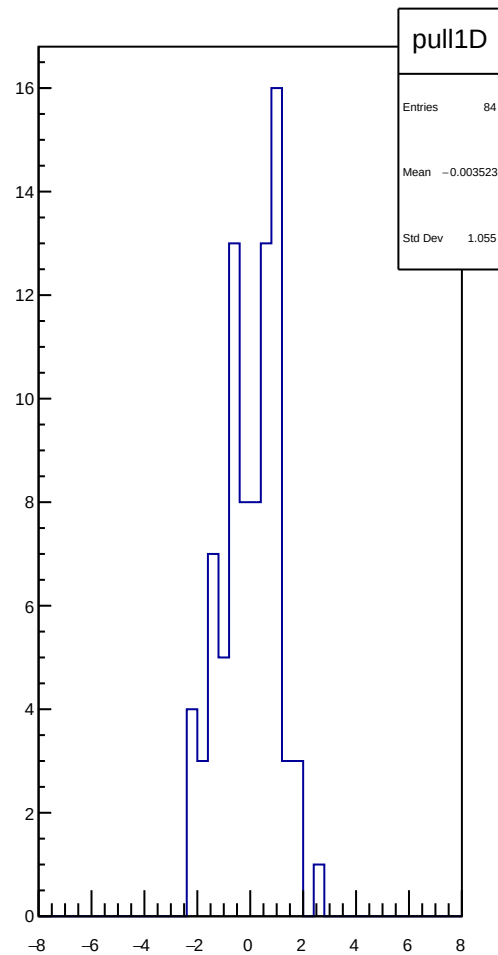
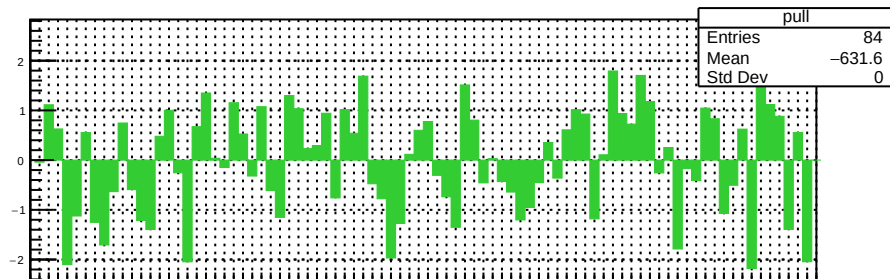
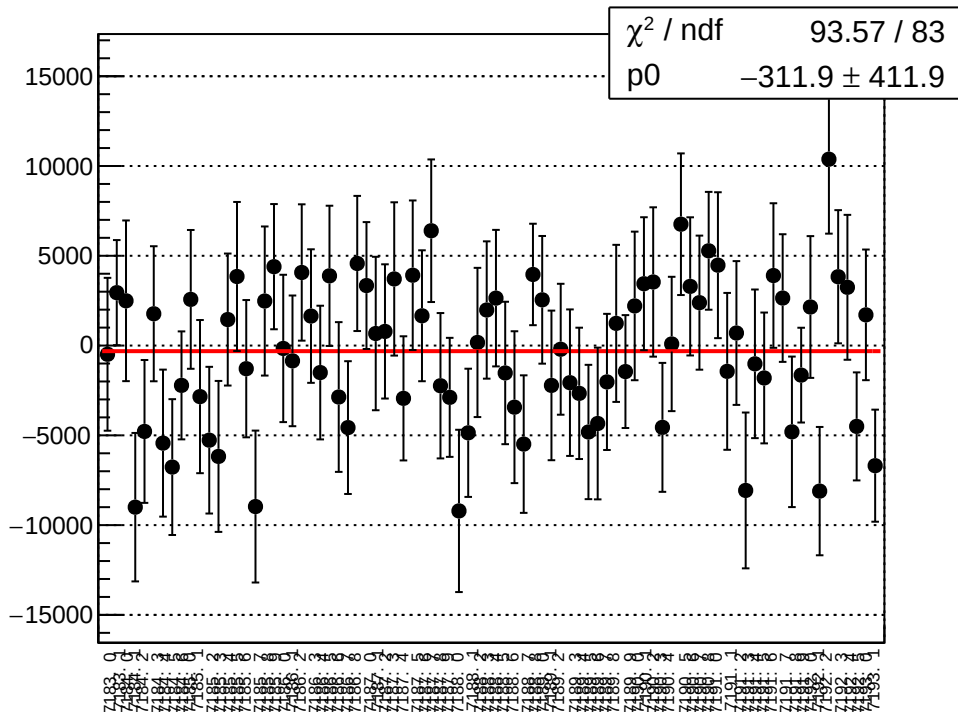
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65.07 ± 0.0512

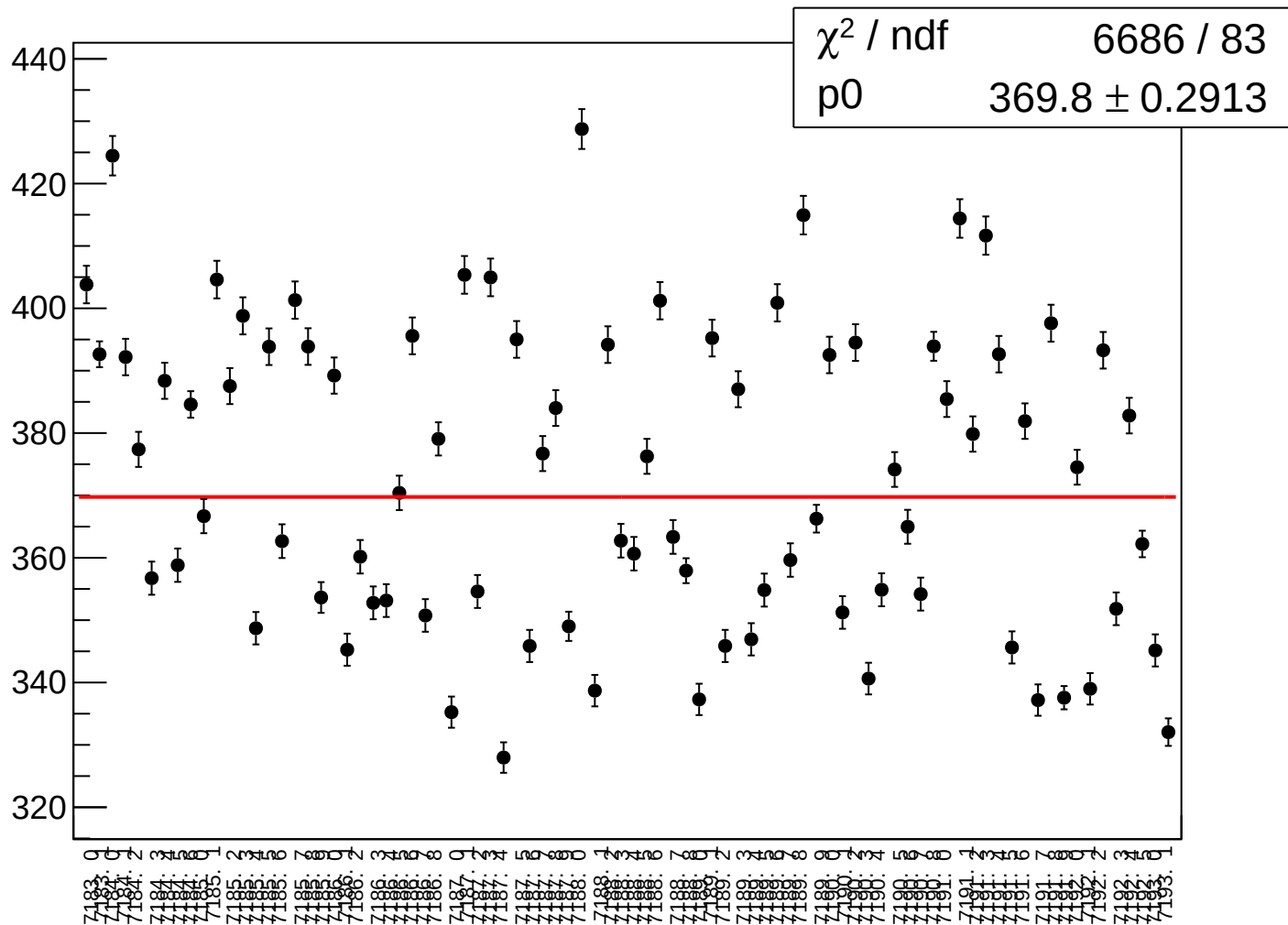


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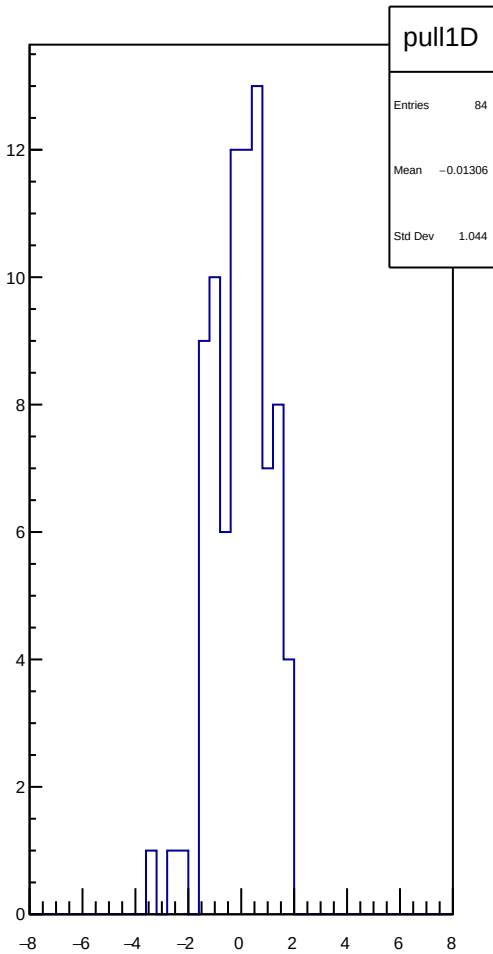
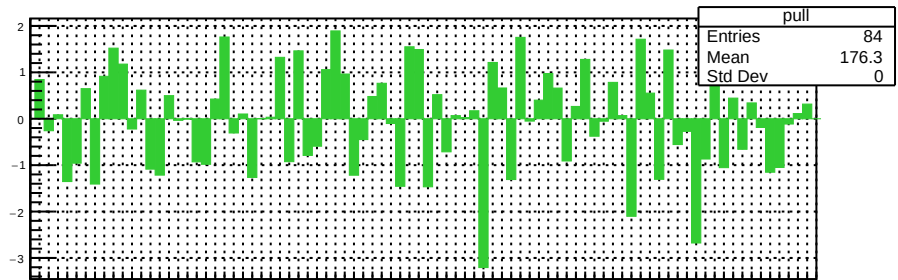
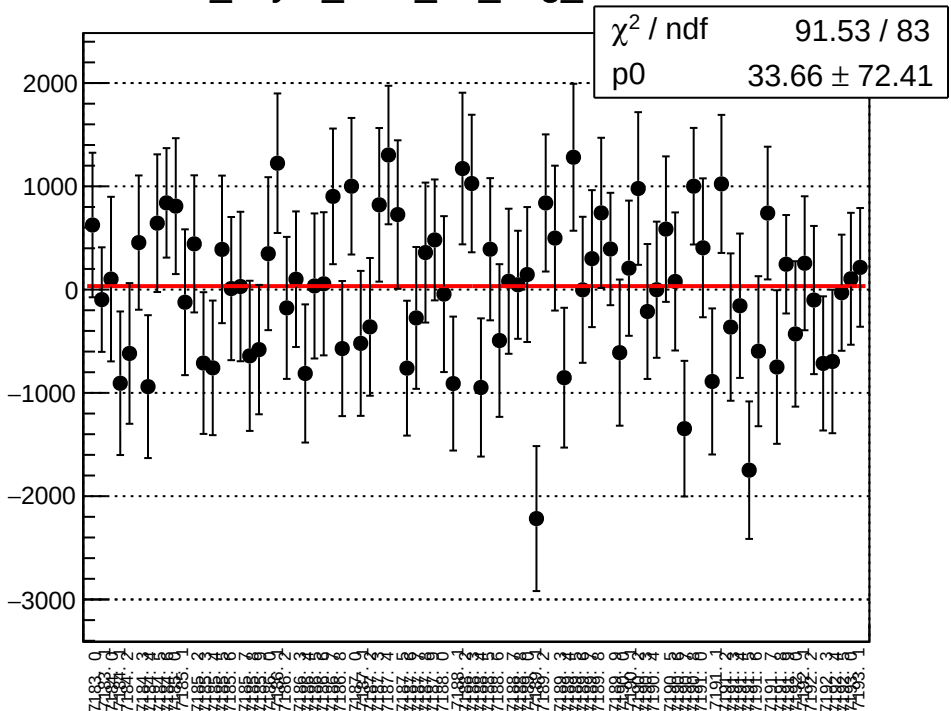
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asym_sam_26_avg_reg_correction_rms vs run



cor_asym_sam_26_avg_mean vs run



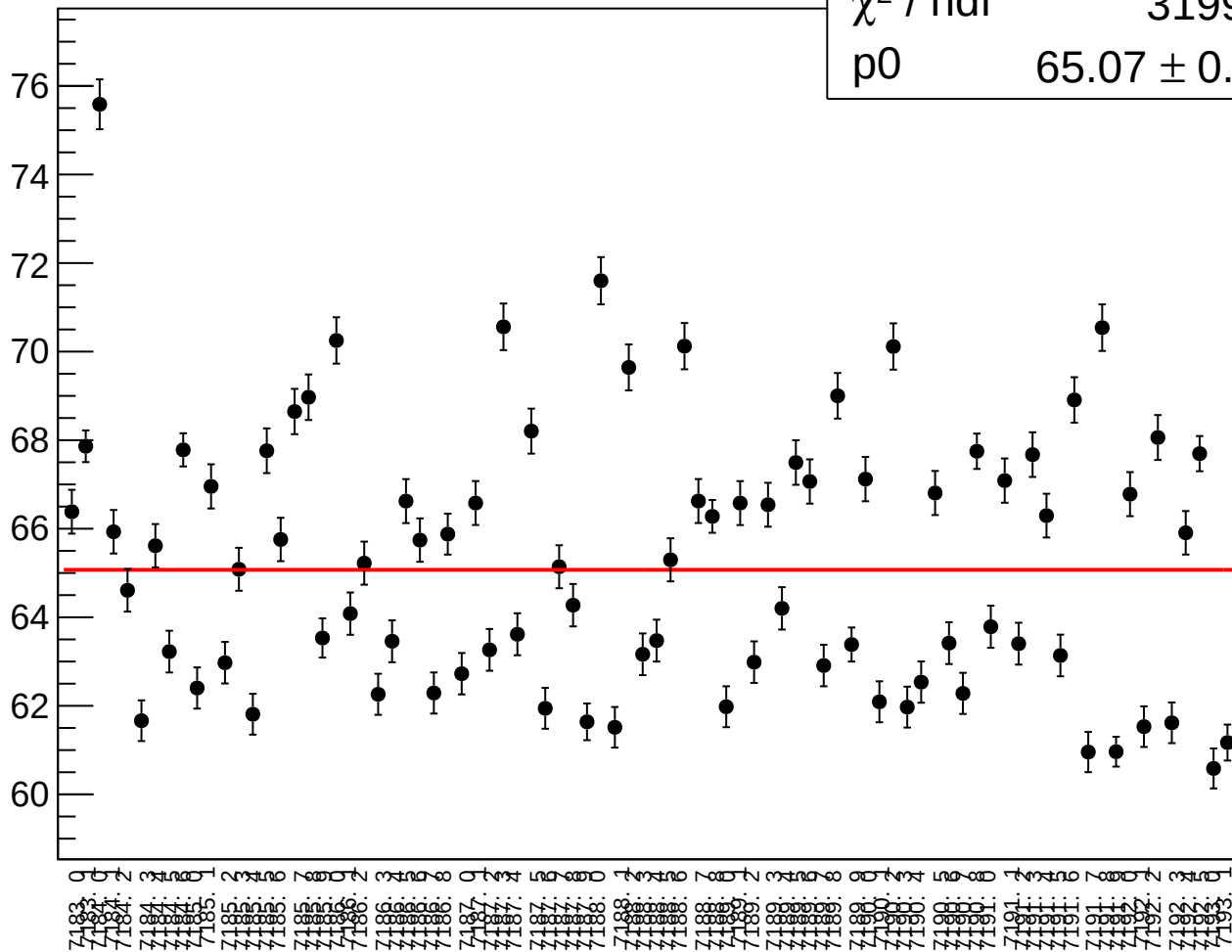
cor_asym_sam_26_avg_rms vs run

χ^2 / ndf

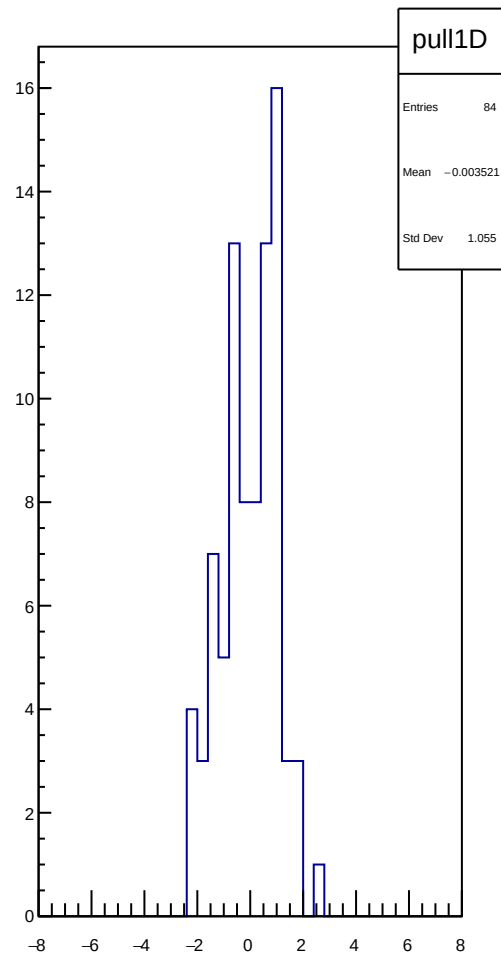
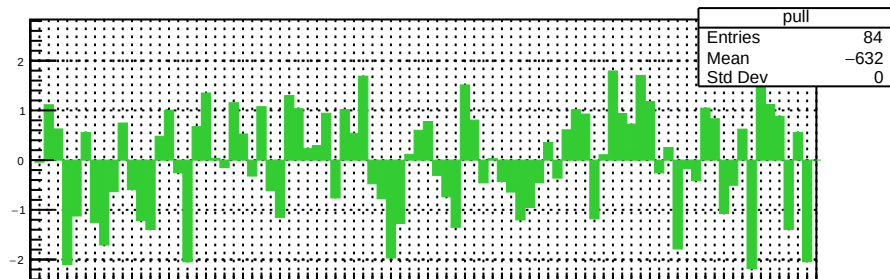
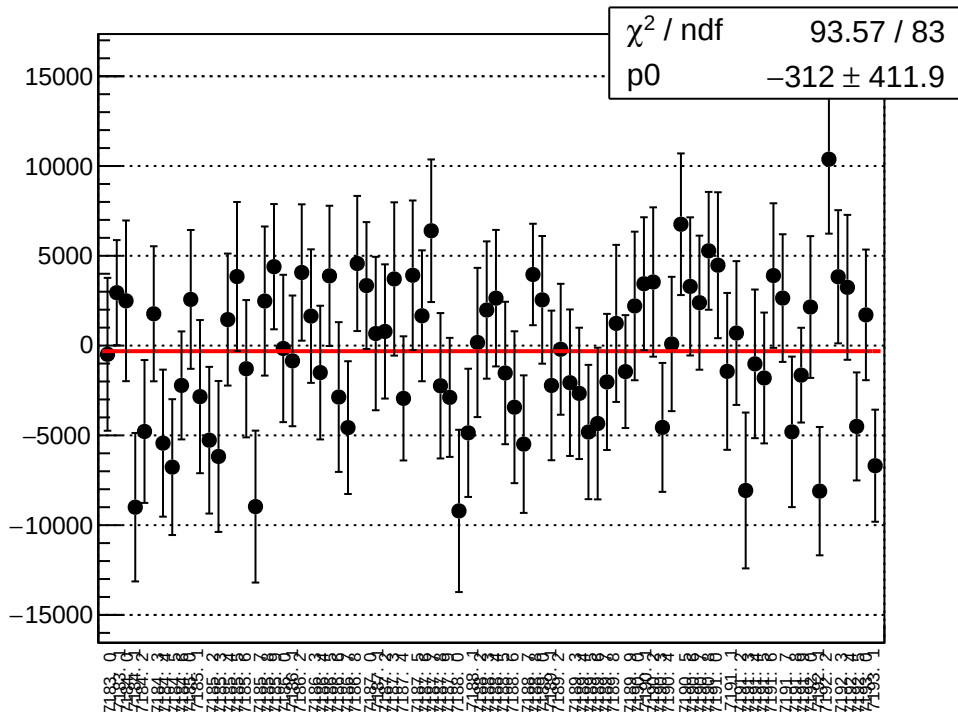
3199 / 83

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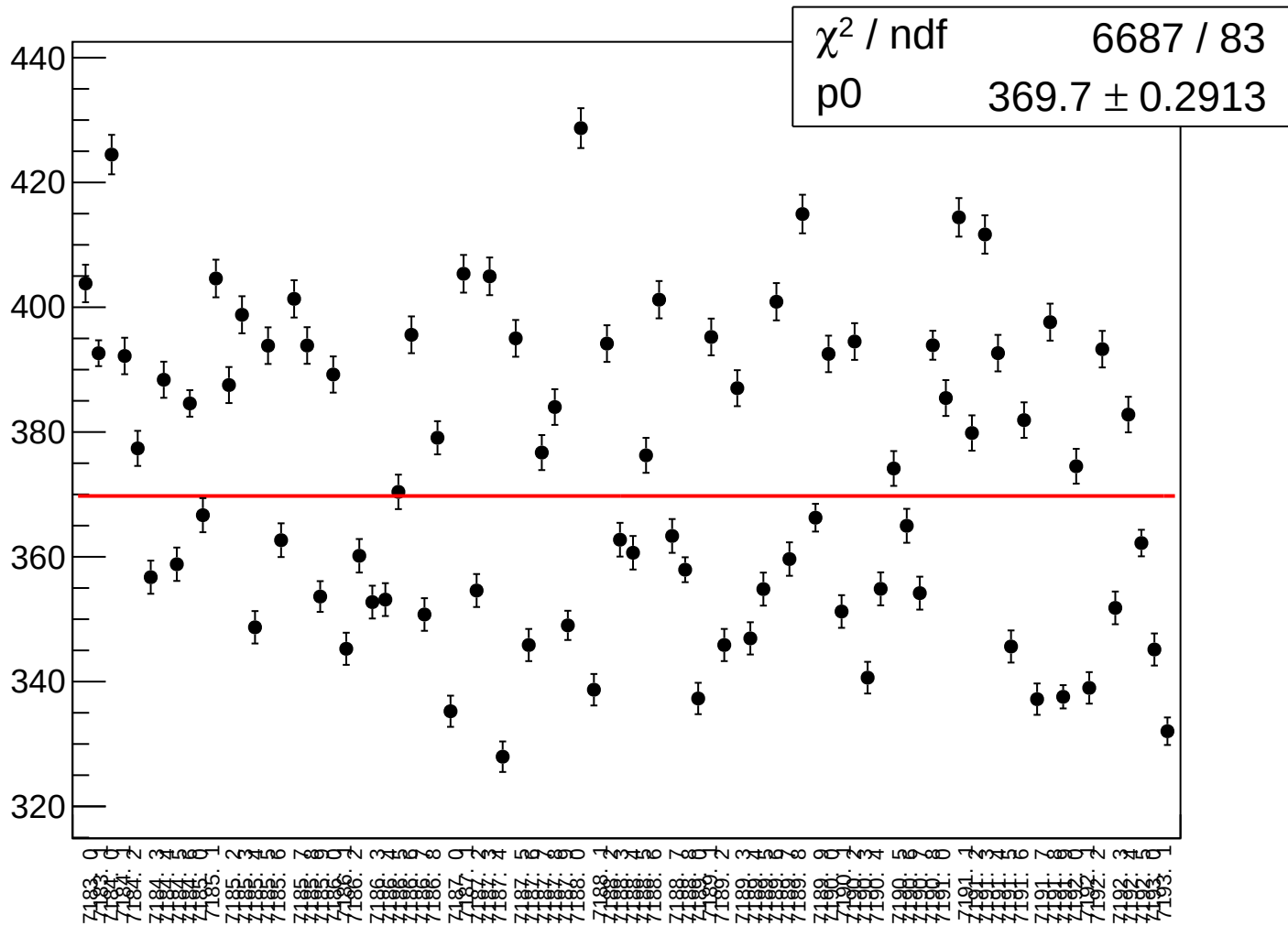
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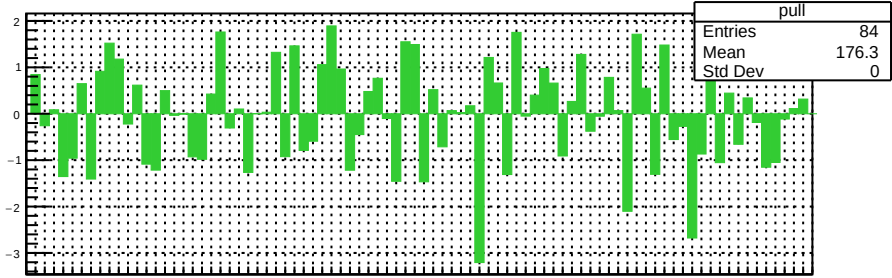
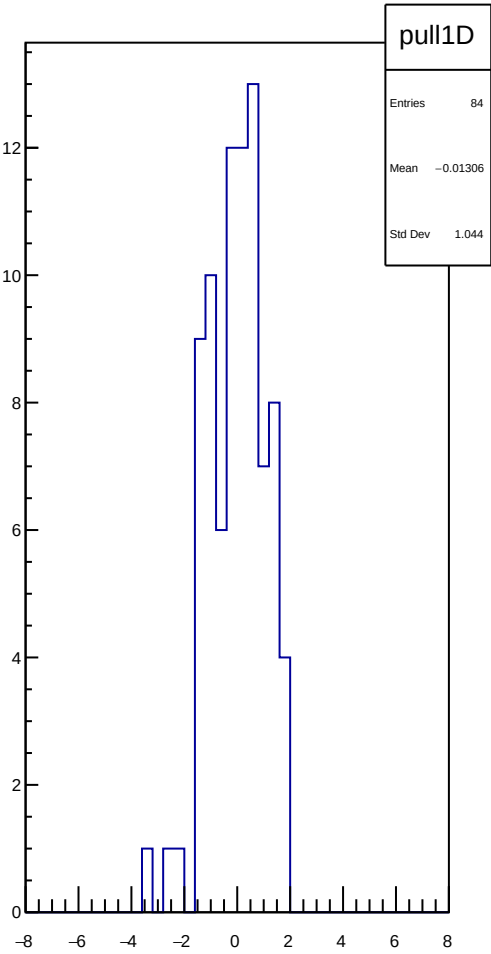
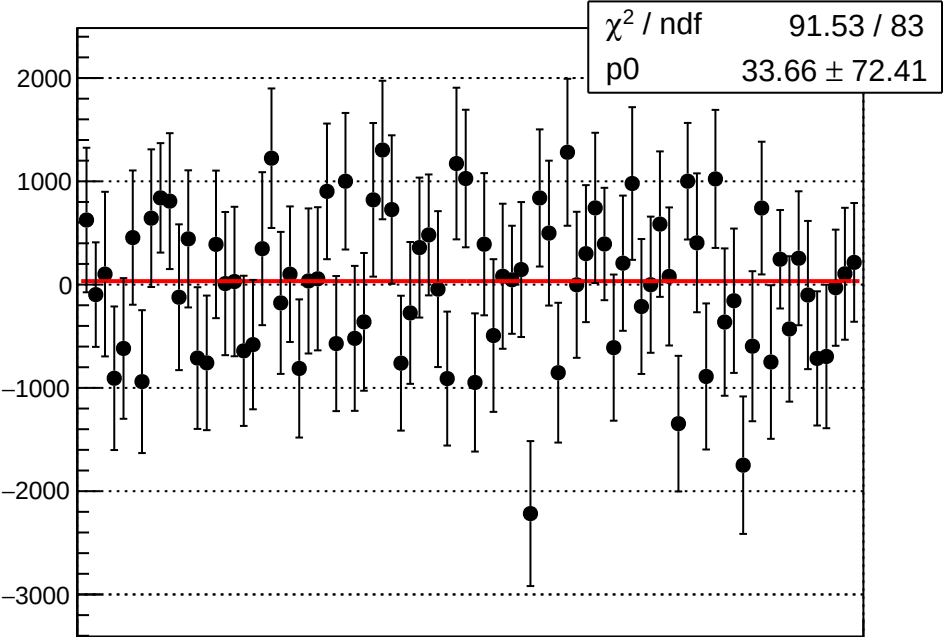
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eigen_cor_asym_sam_26_avg_mean vs run



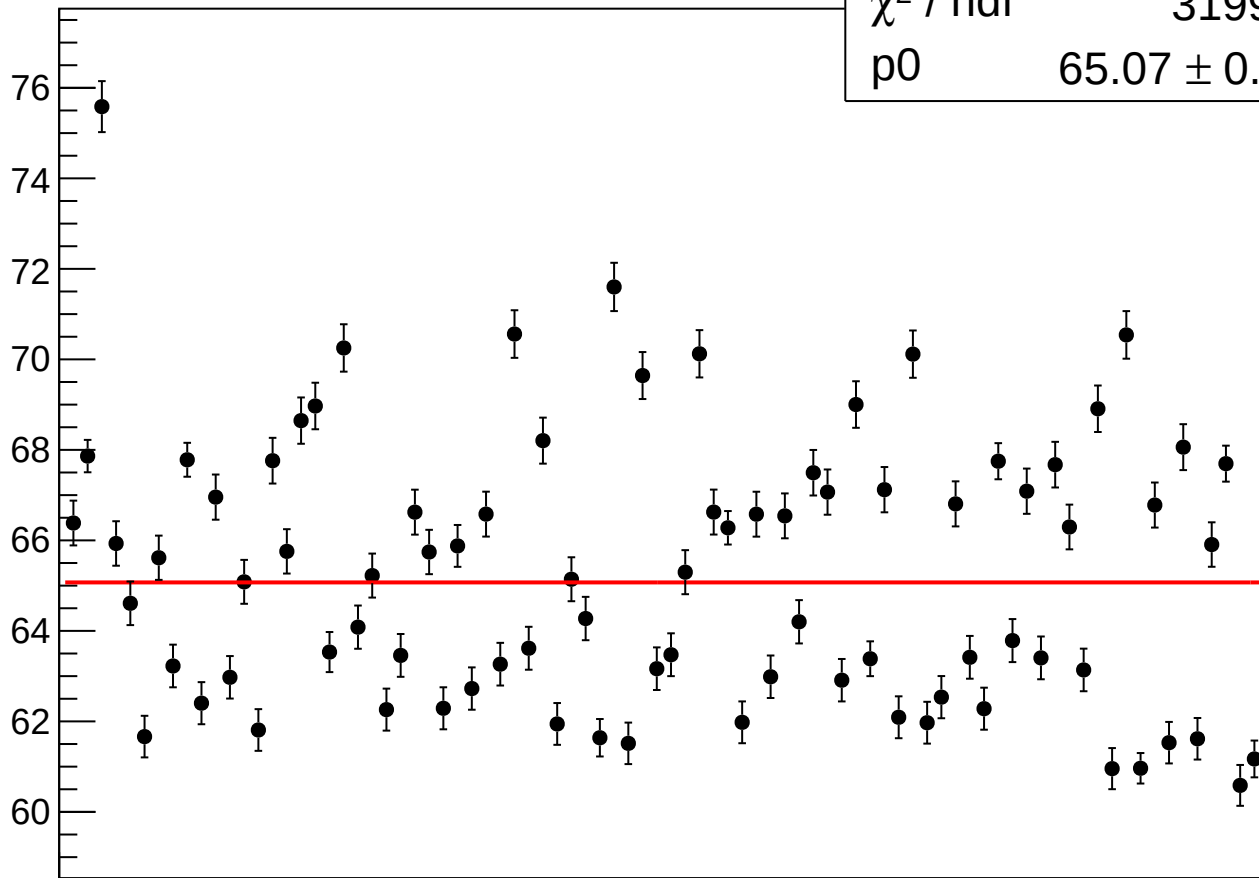
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χ^2 / ndf

3199 / 83

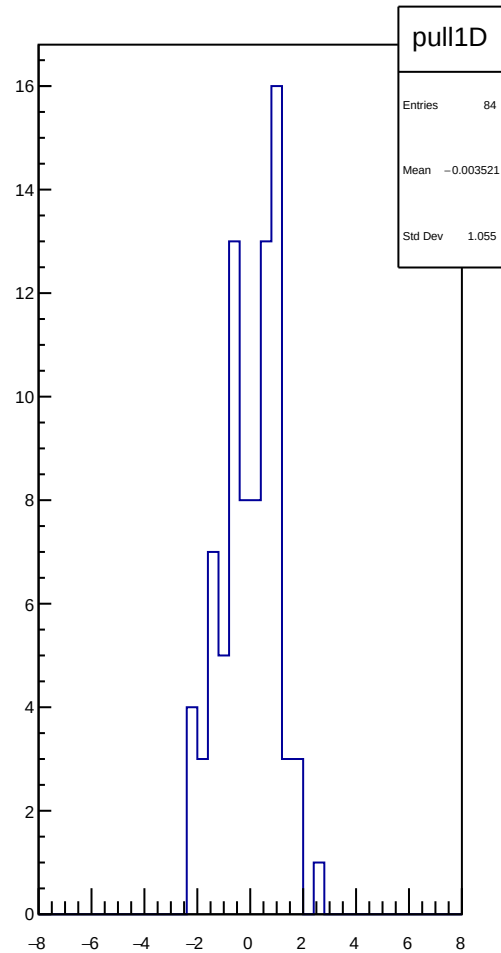
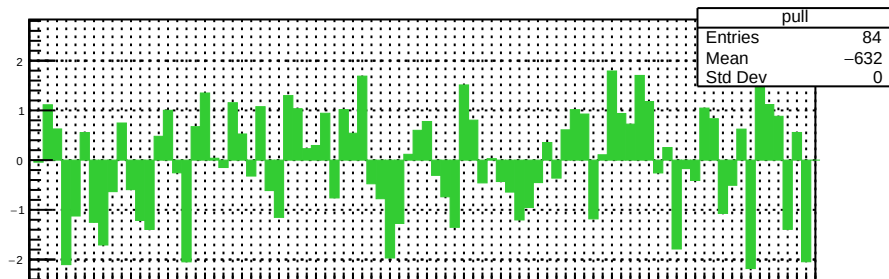
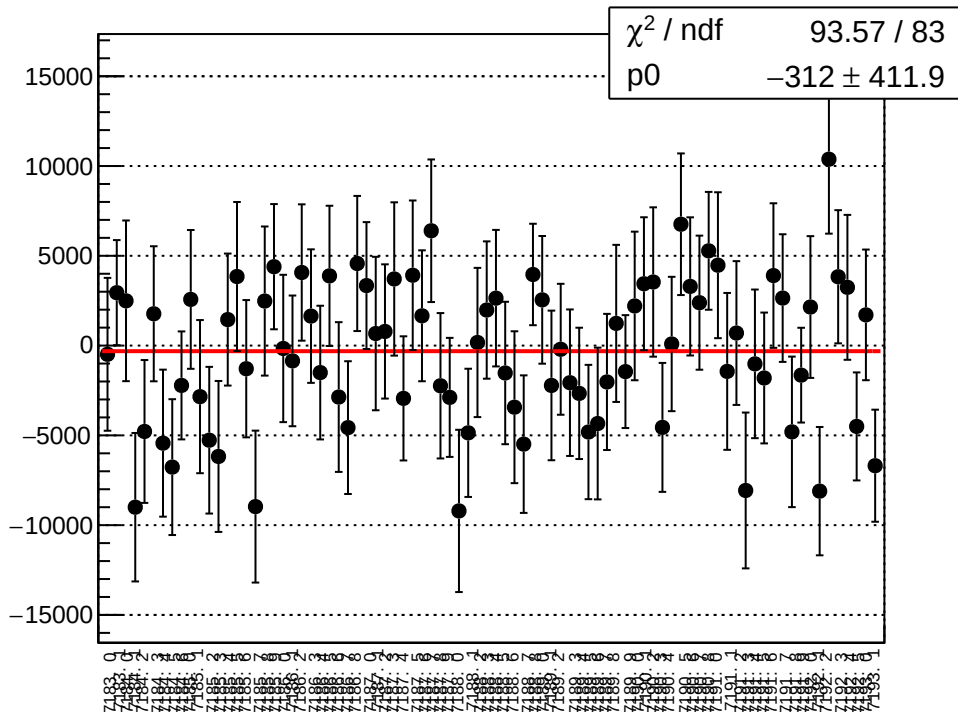
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65.07 ± 0.0512

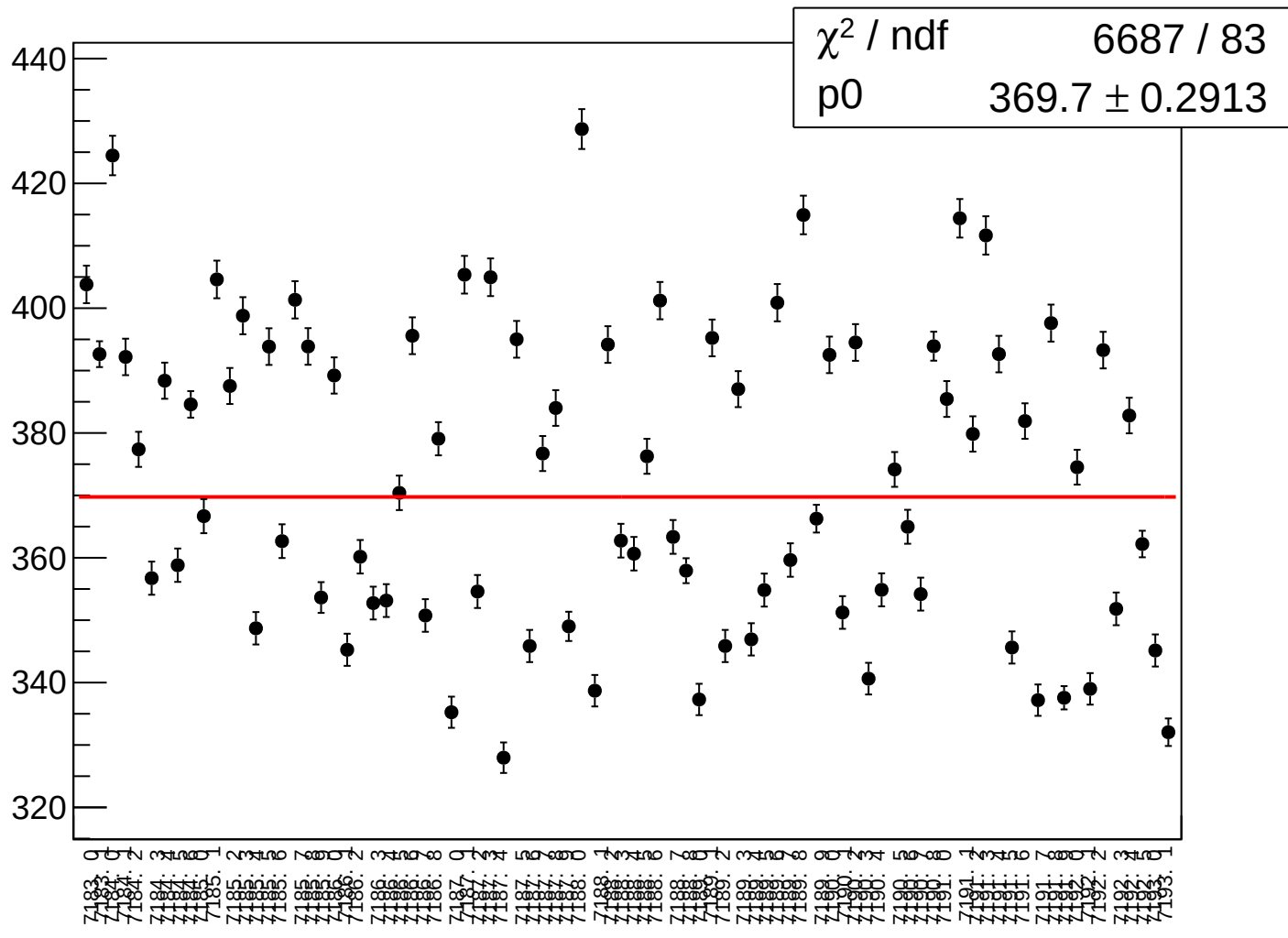


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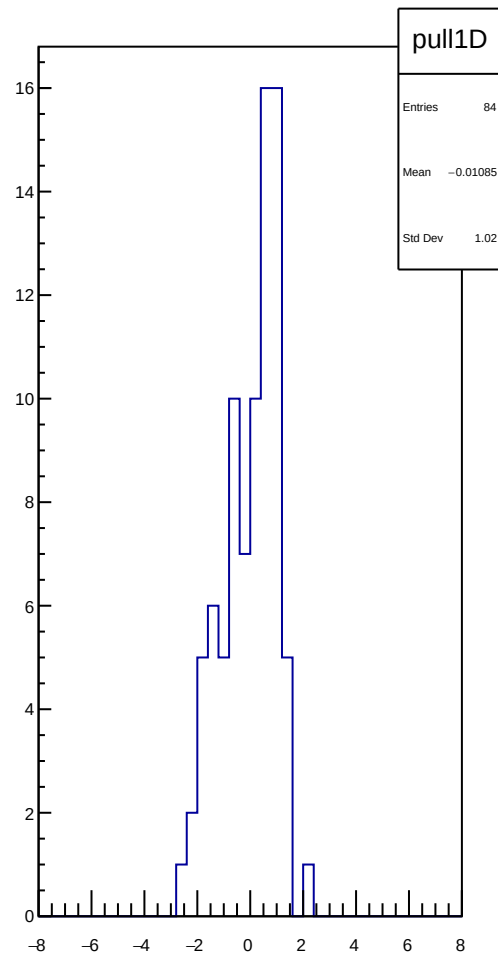
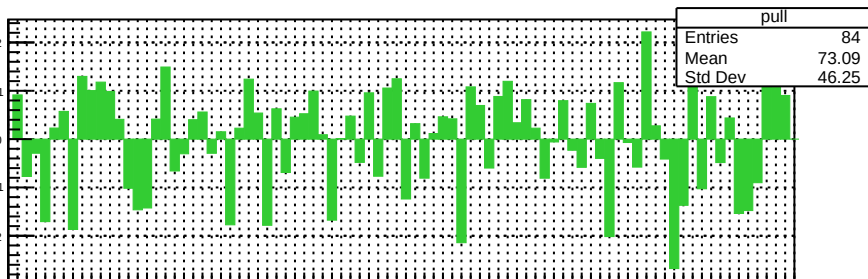
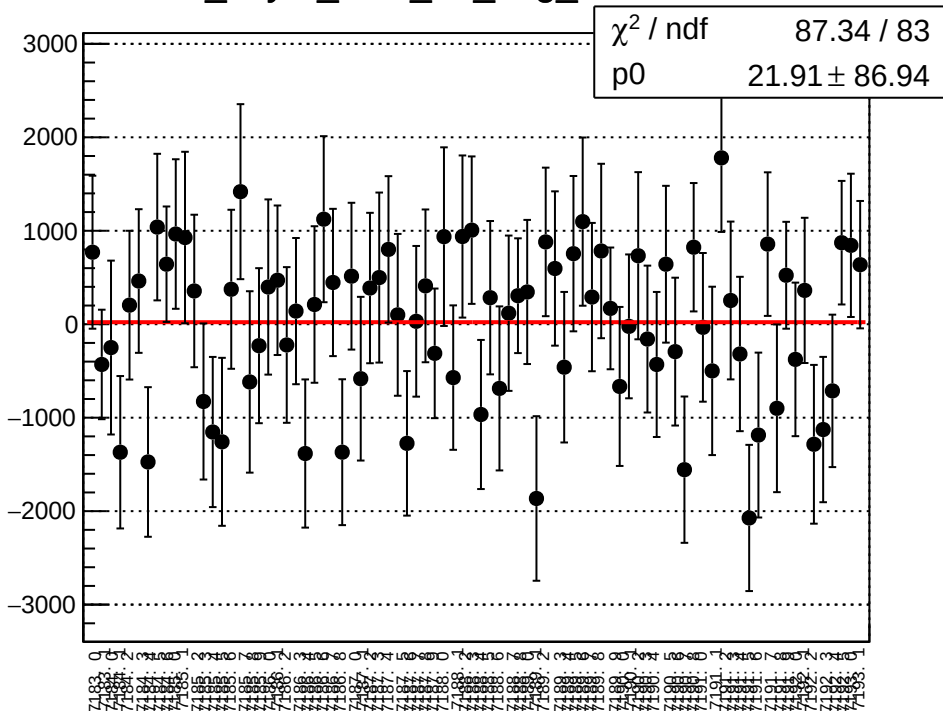
asym_sam_26_avg_eigen_cor_correction_mean vs run



asym_sam_26_avg_eigen_cor_correction_rms vs run



dit_asym_sam_26_avg_mean vs run



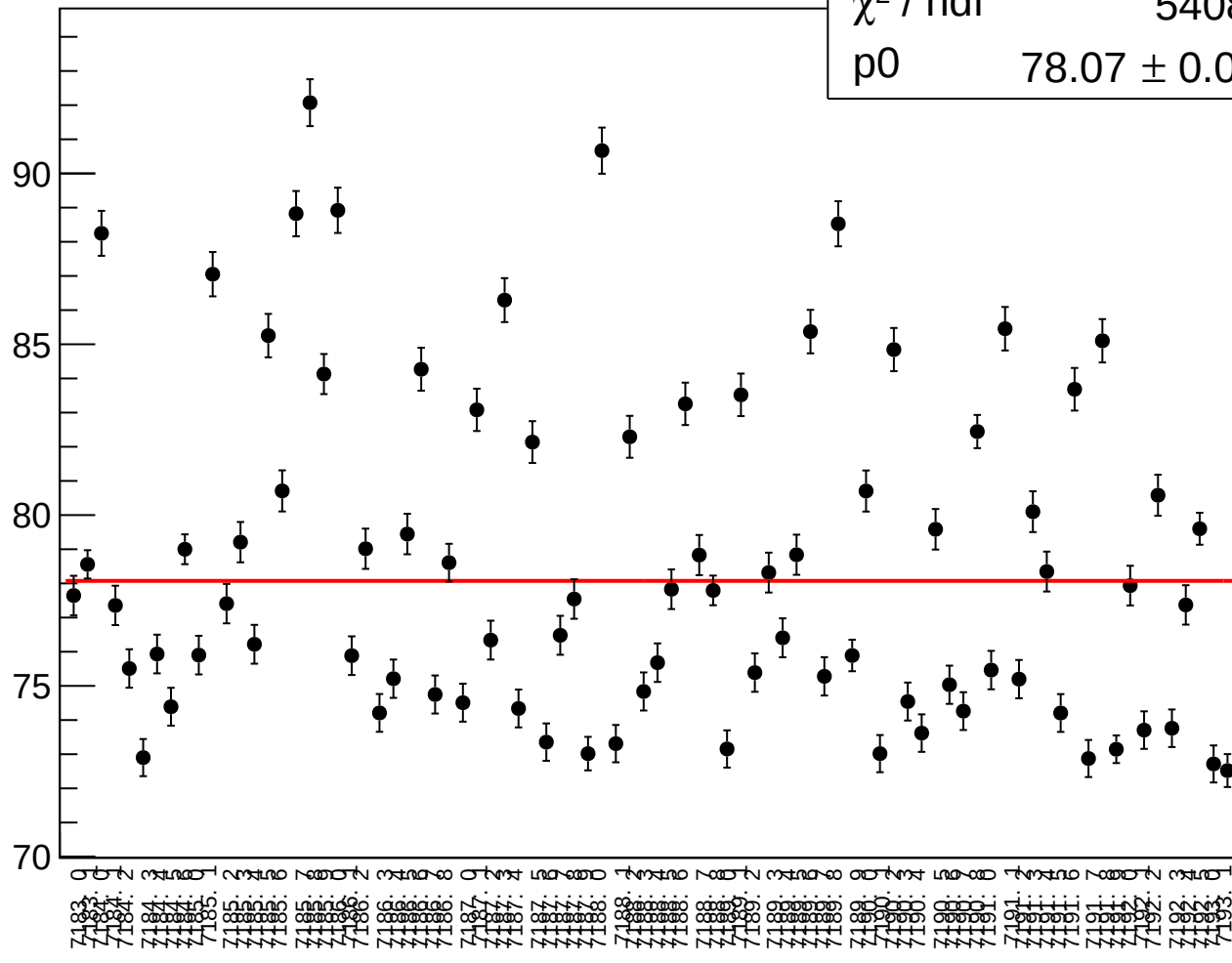
dit_asym_sam_26_avg_rms vs run

χ^2 / ndf

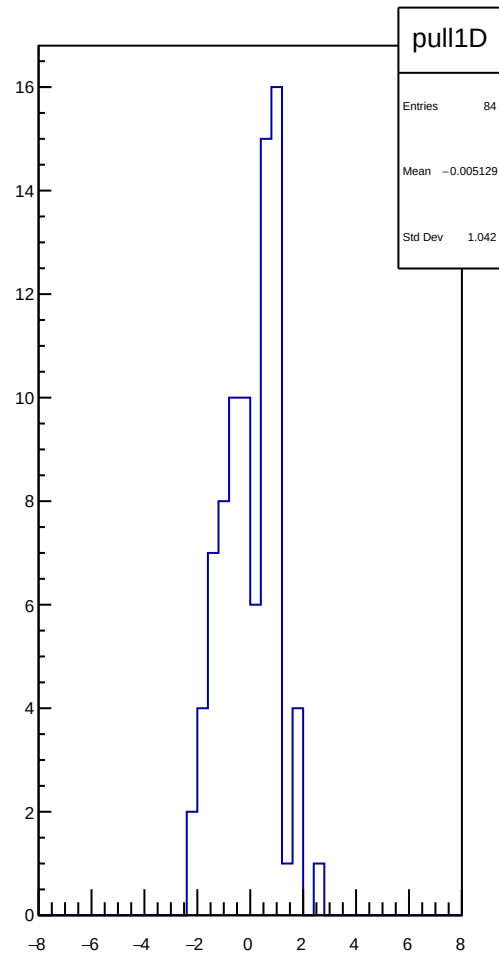
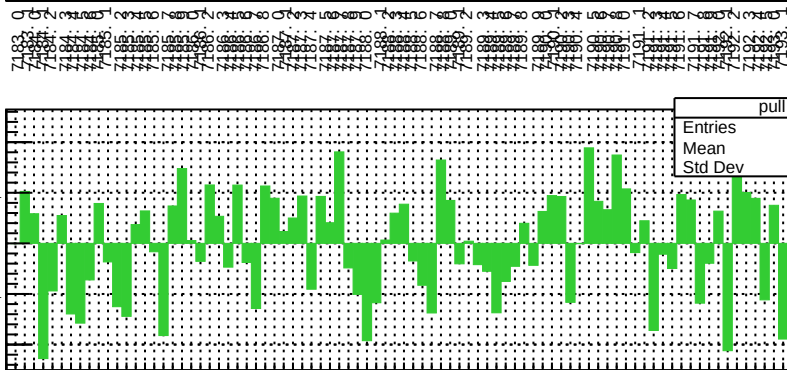
5408 / 83

p0

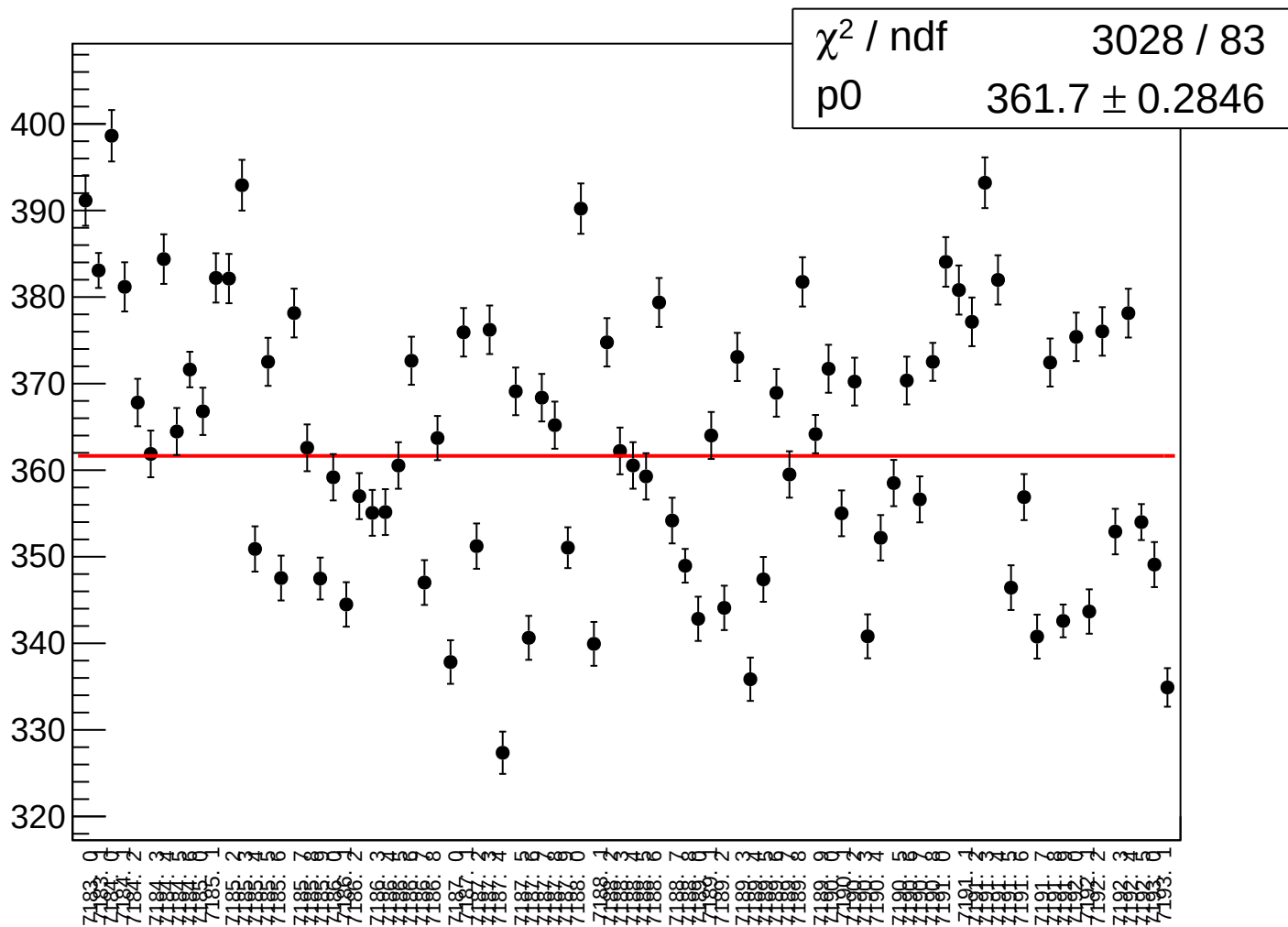
78.07 ± 0.06148



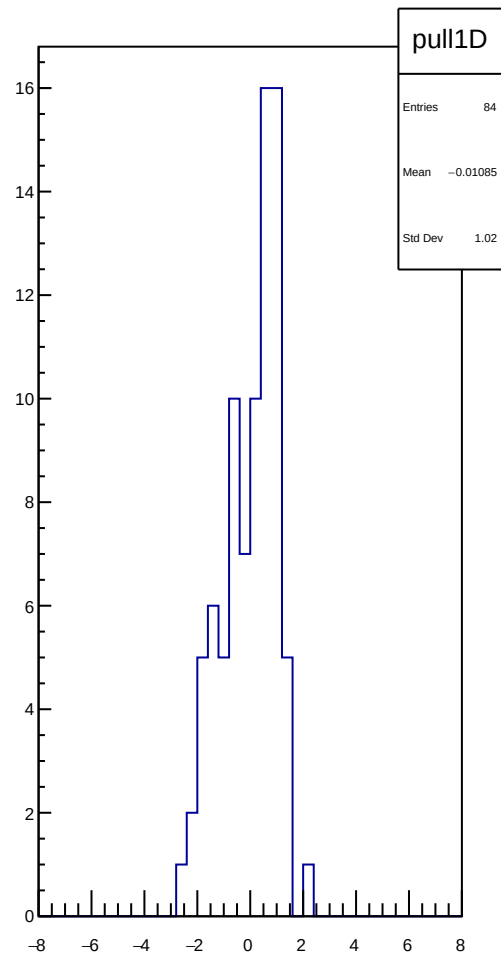
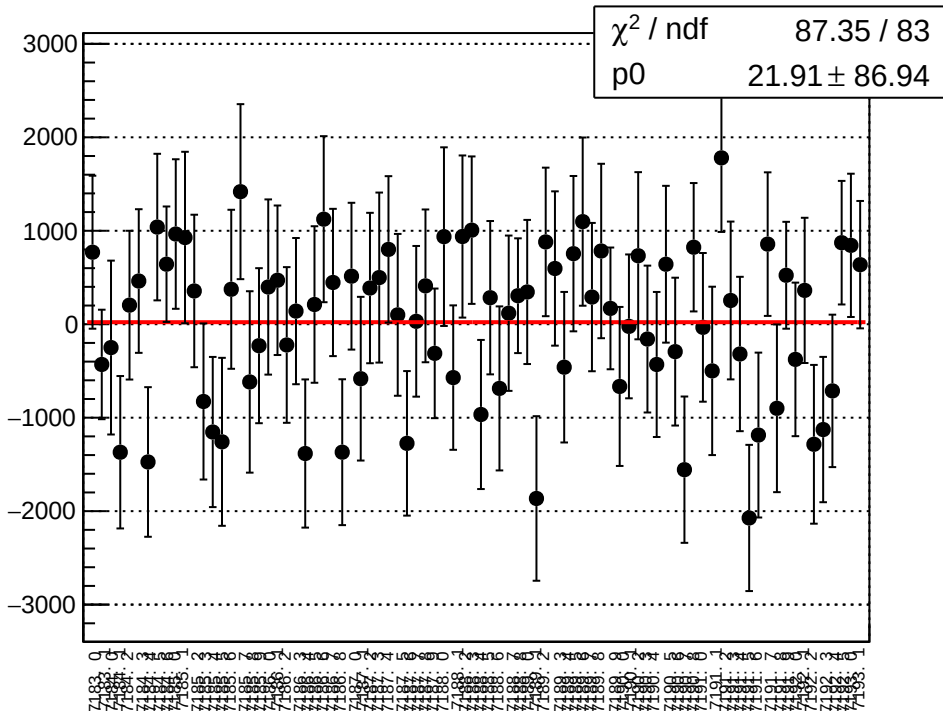
χ^2/ndf 91.19
 p_0 -317.6 ± 4.0



asym_sam_26_avg_dit_correction_rms vs run



eigen_dit_asym_sam_26_avg_mean vs run



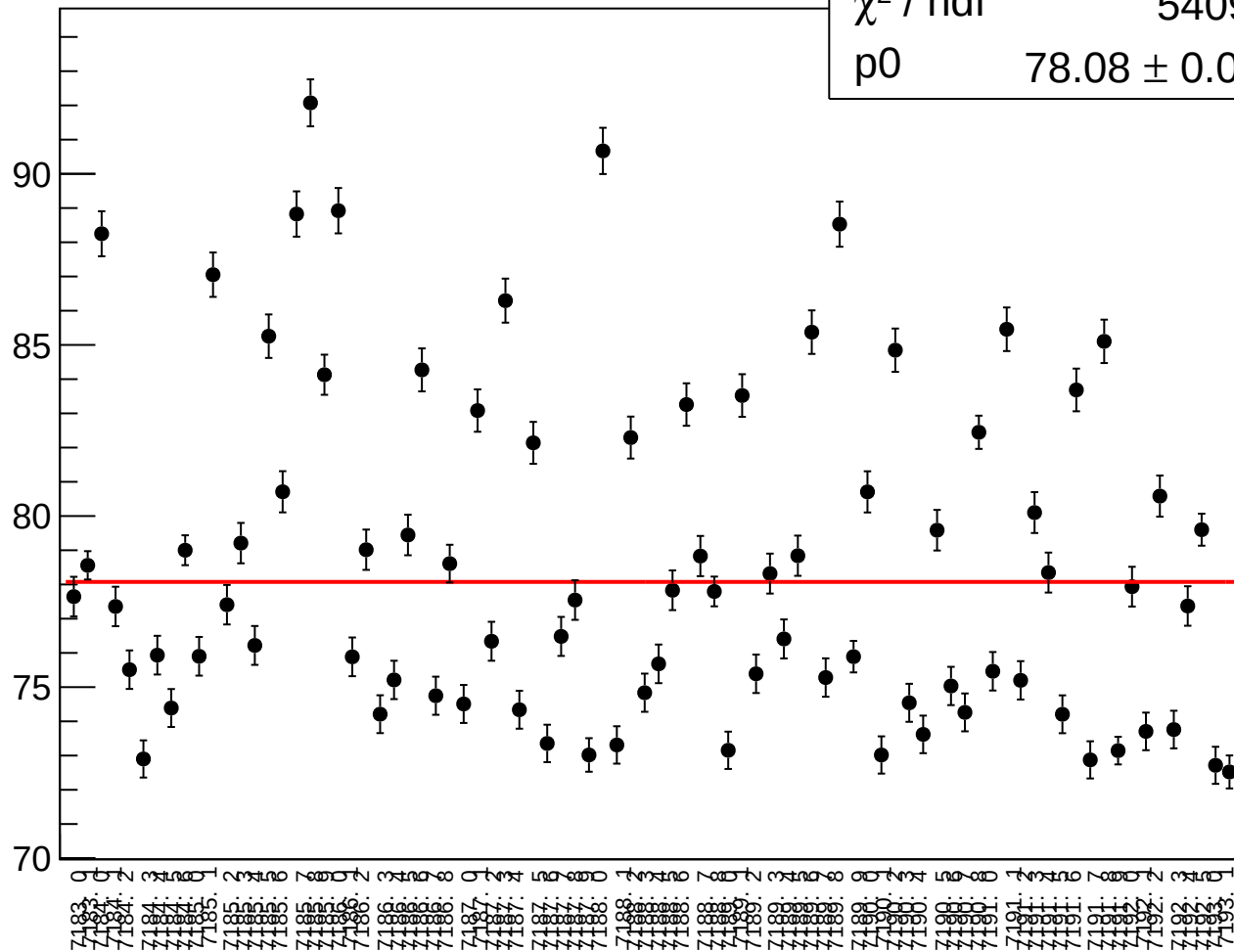
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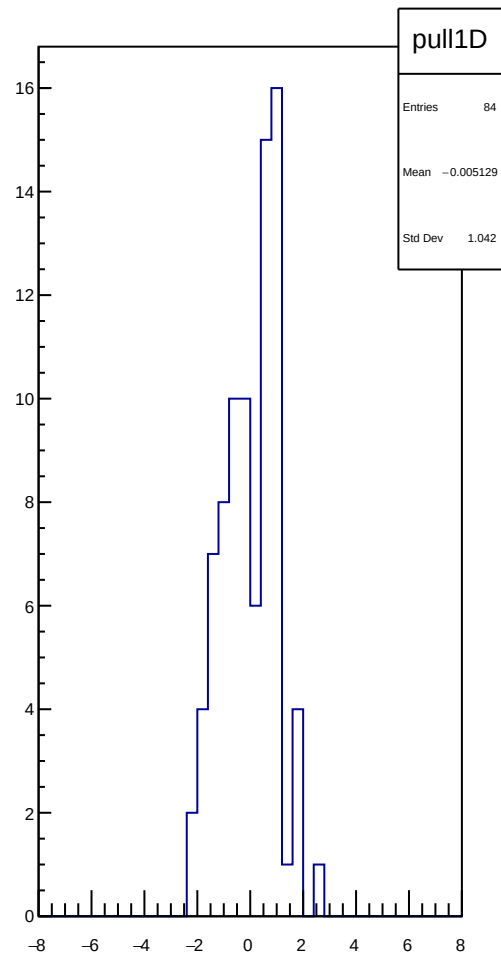
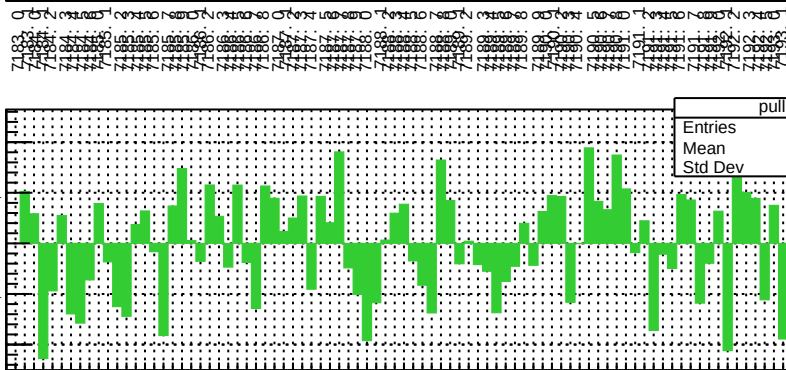
χ^2 / ndf

5409 / 83

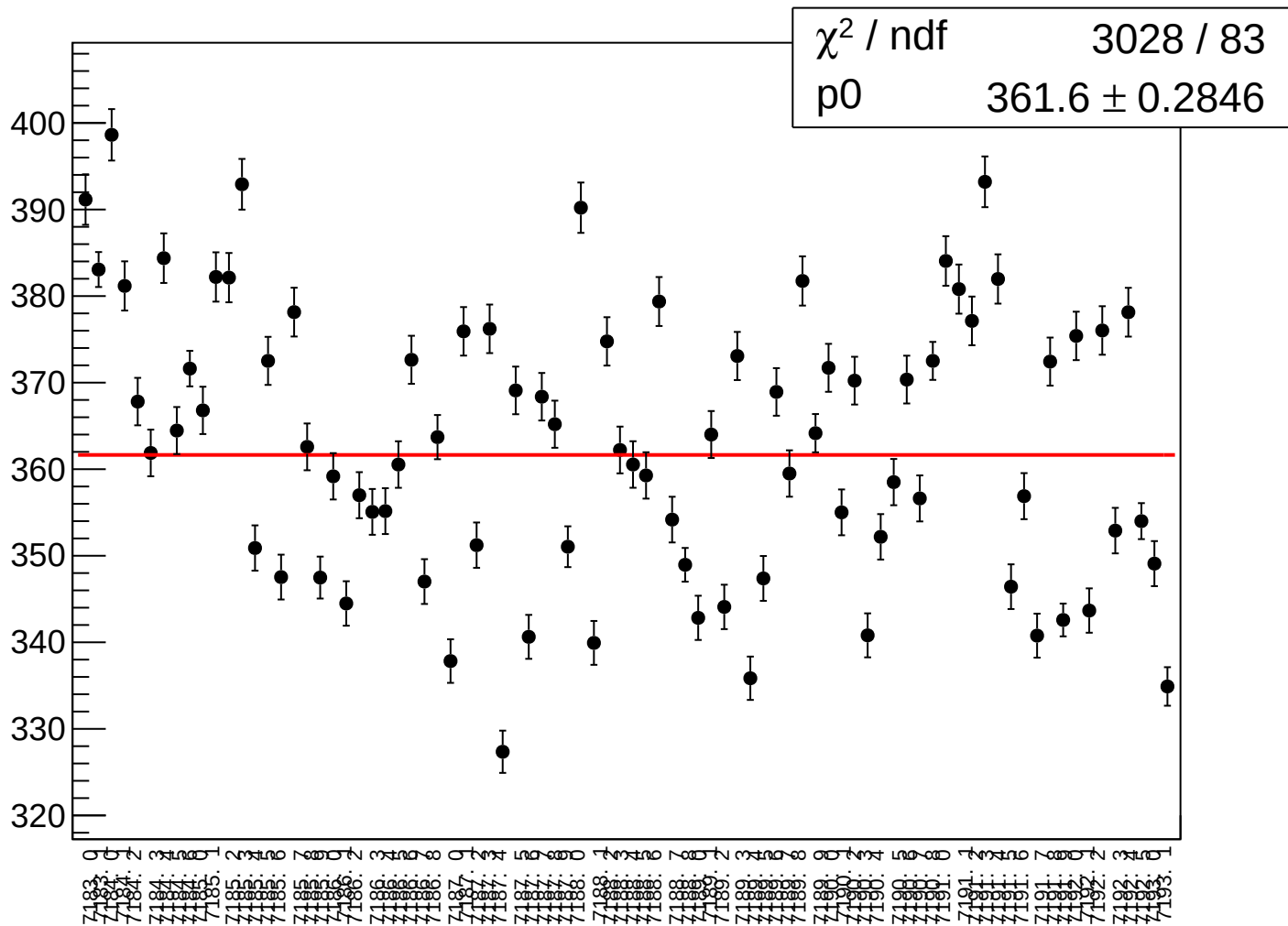
p0

78.08 ± 0.06148

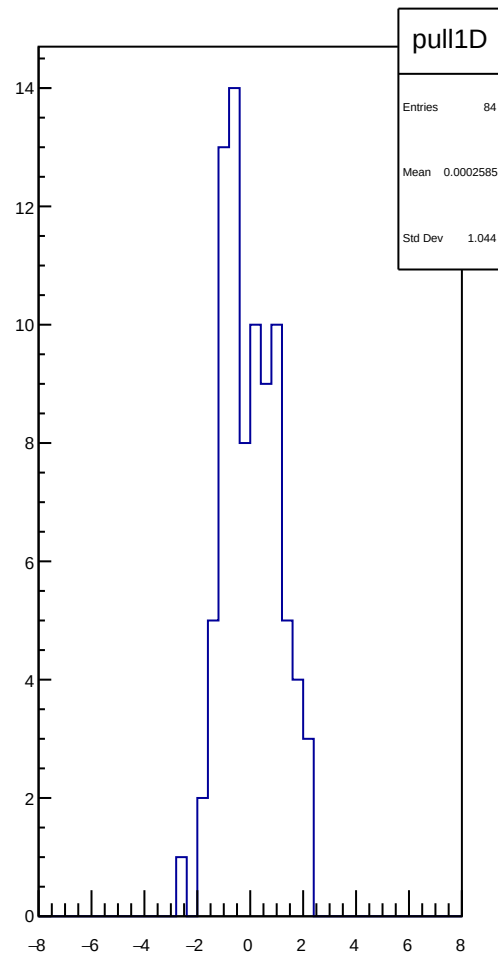
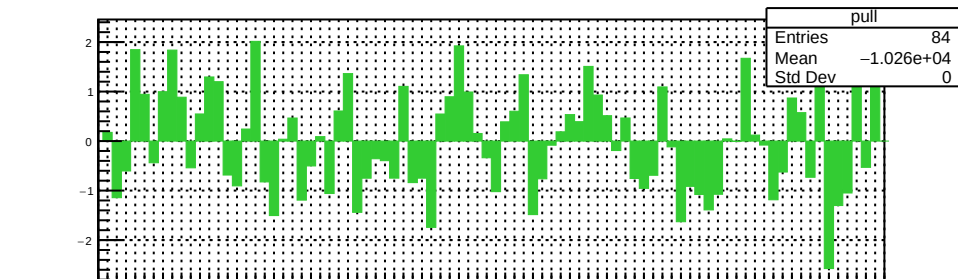
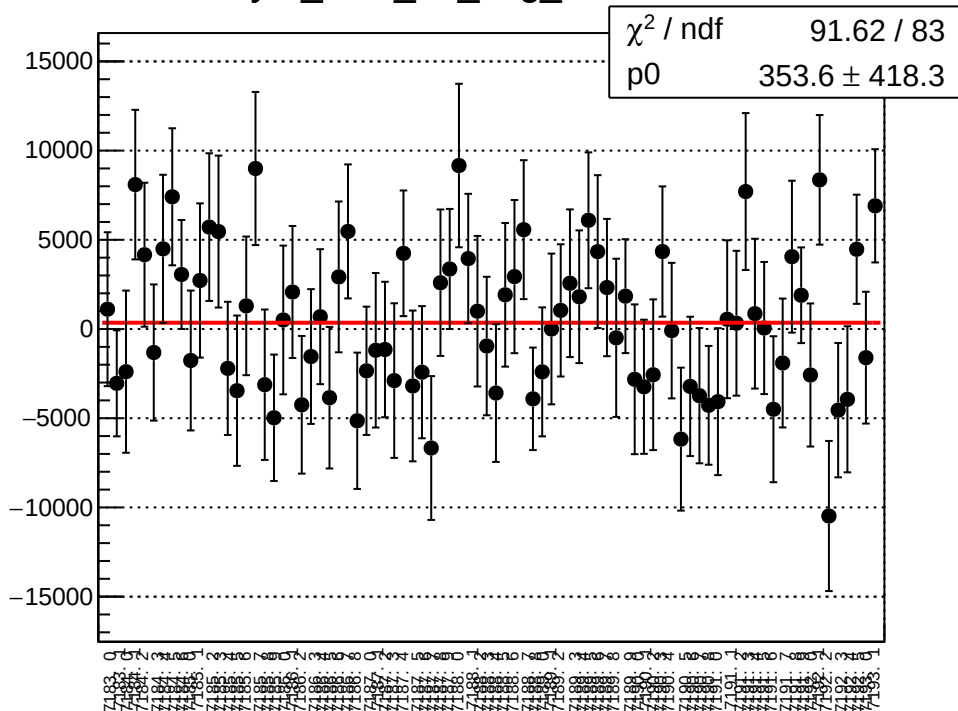




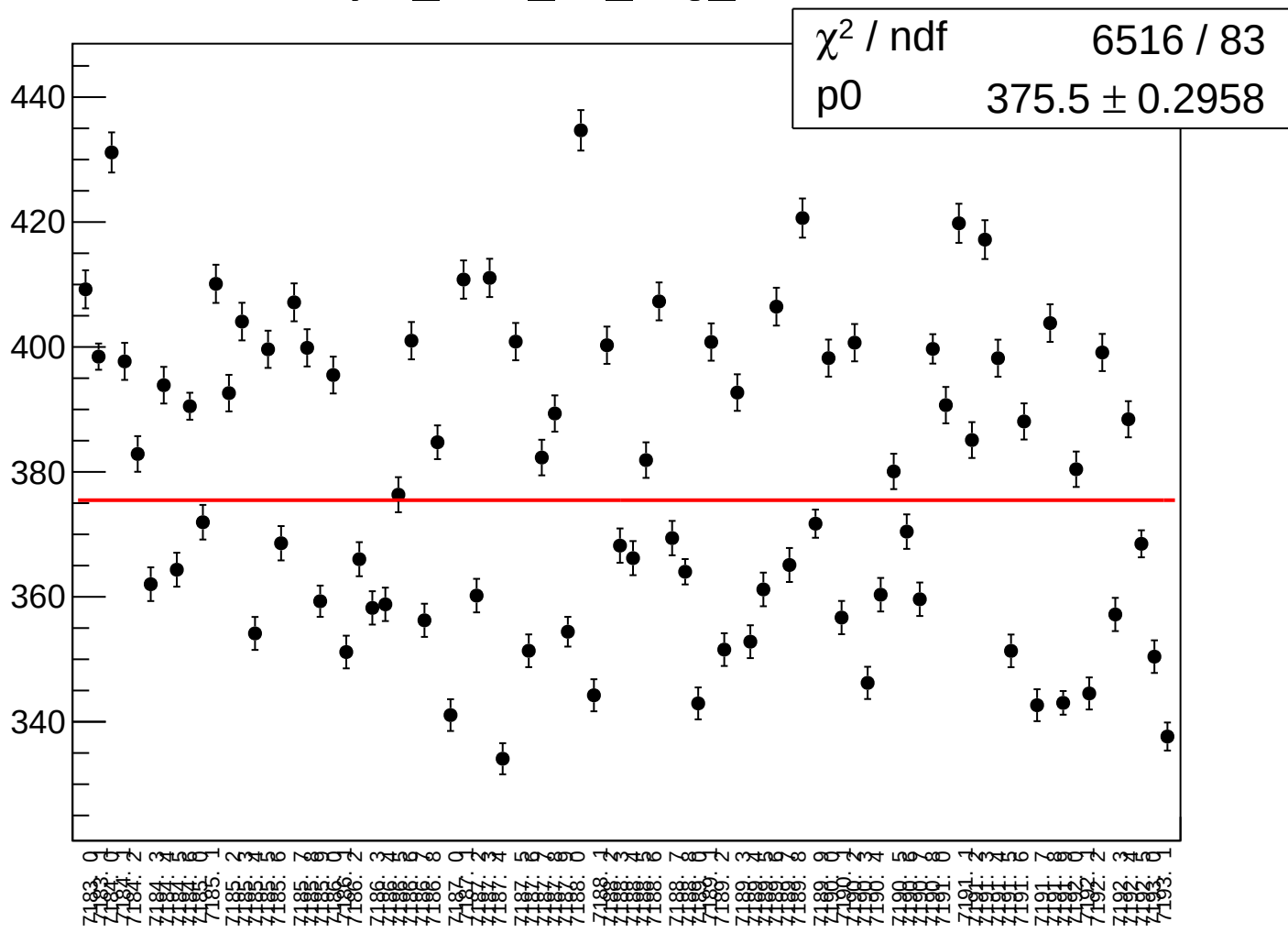
asym_sam_26_avg_eigen_dit_correction_rms vs run



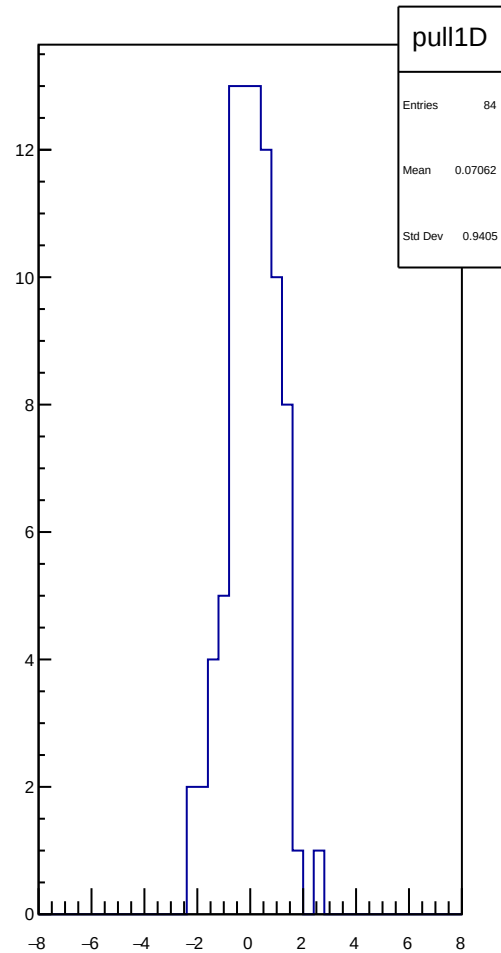
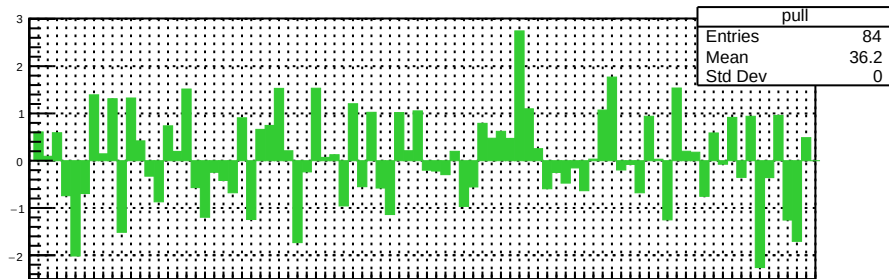
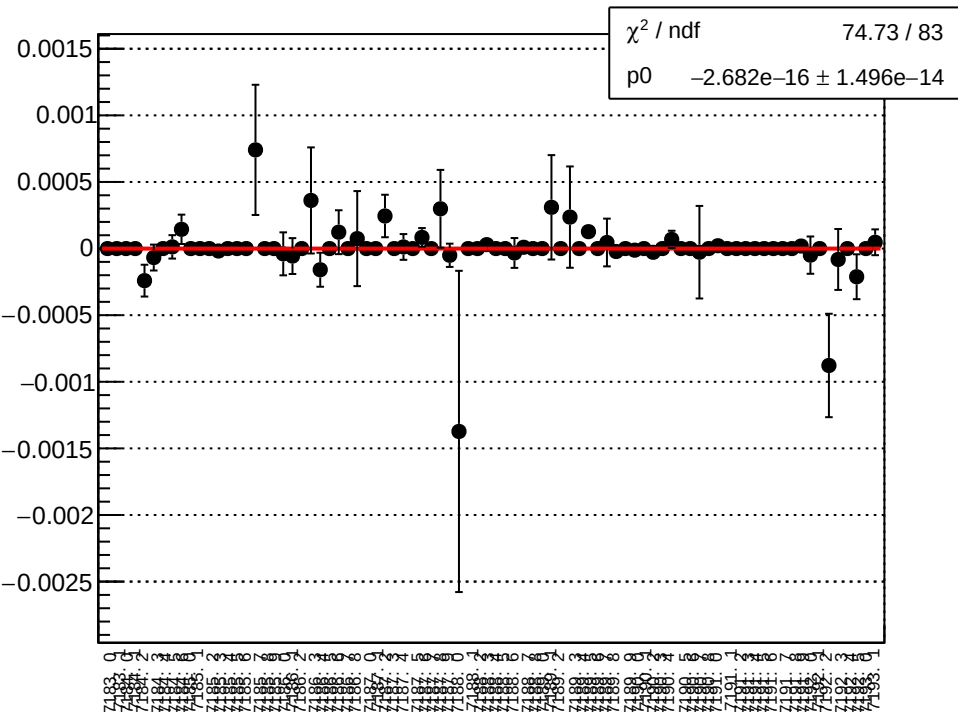
asym_sam_26_avg_mean vs run



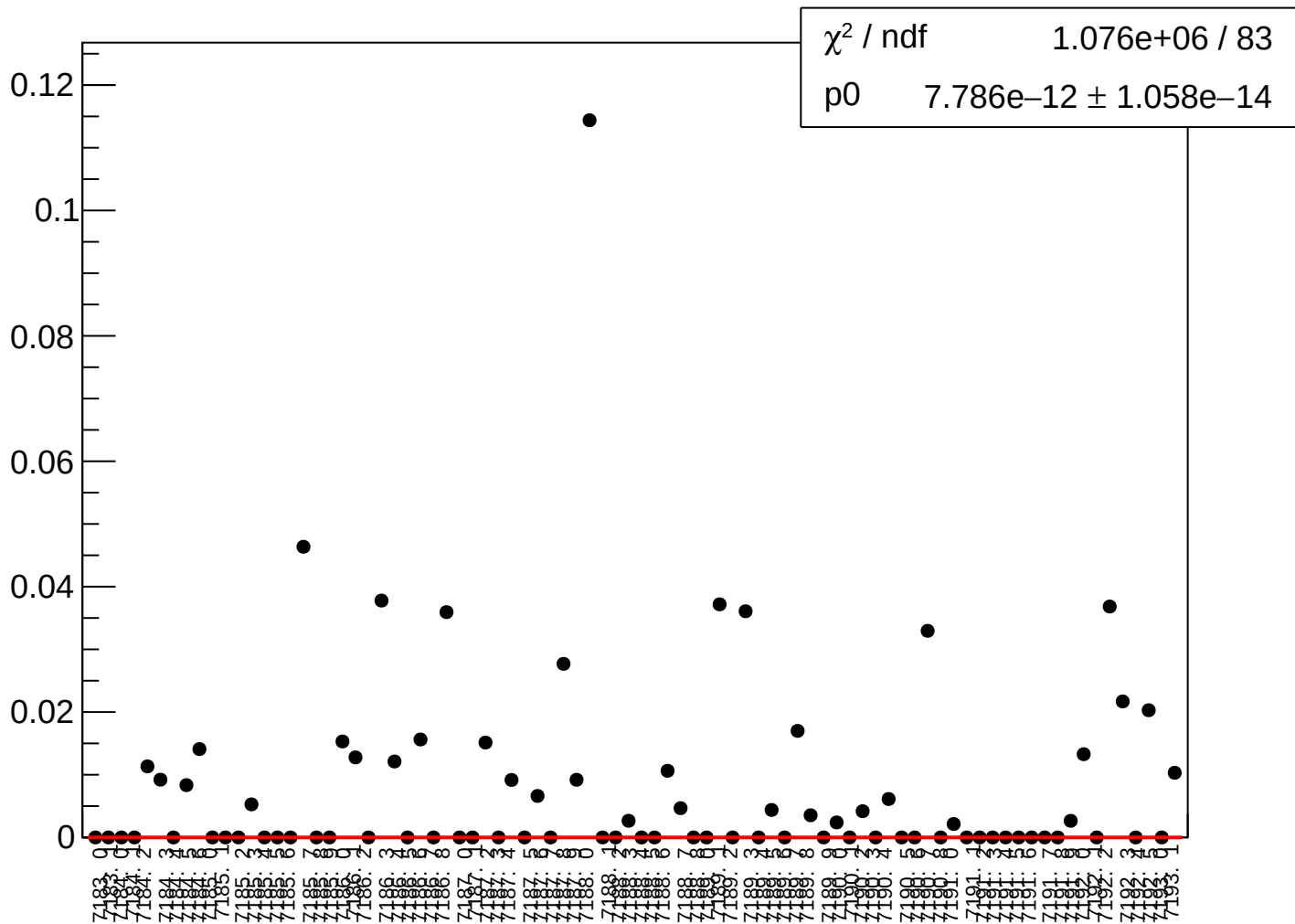
asym_sam_26_avg_rms vs run



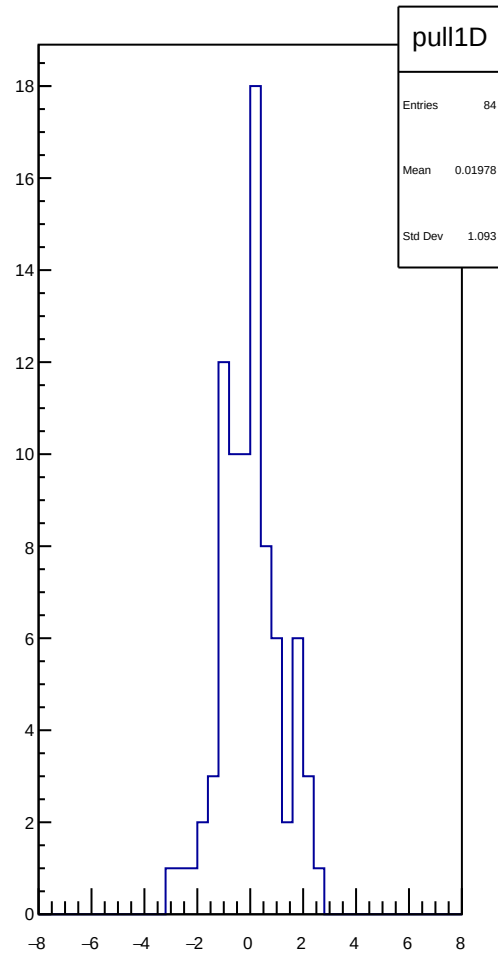
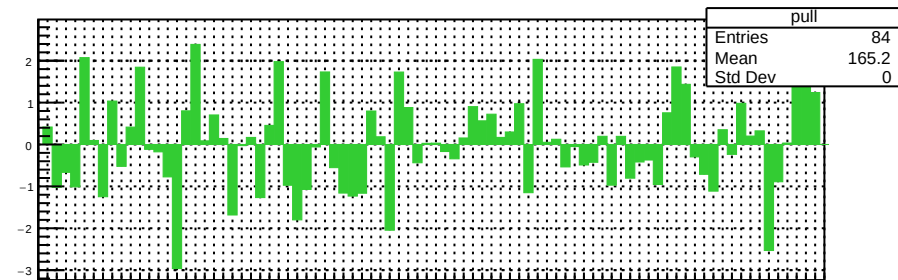
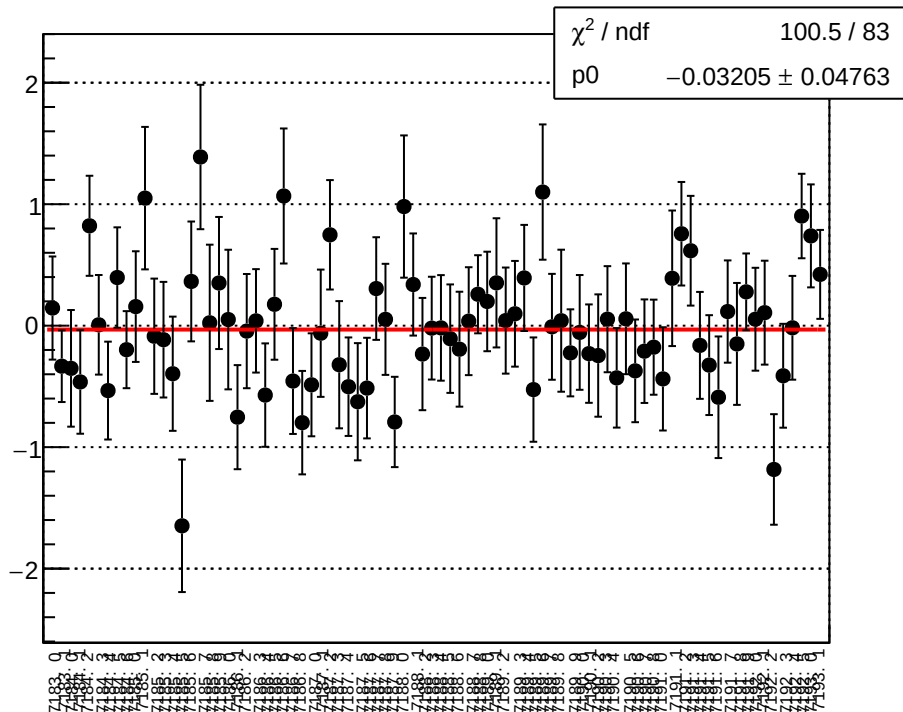
asym_sam_26_avg_reg_vs_cor_diff_mean vs run



asym_sam_26_avg_reg_vs_cor_diff_rms vs run

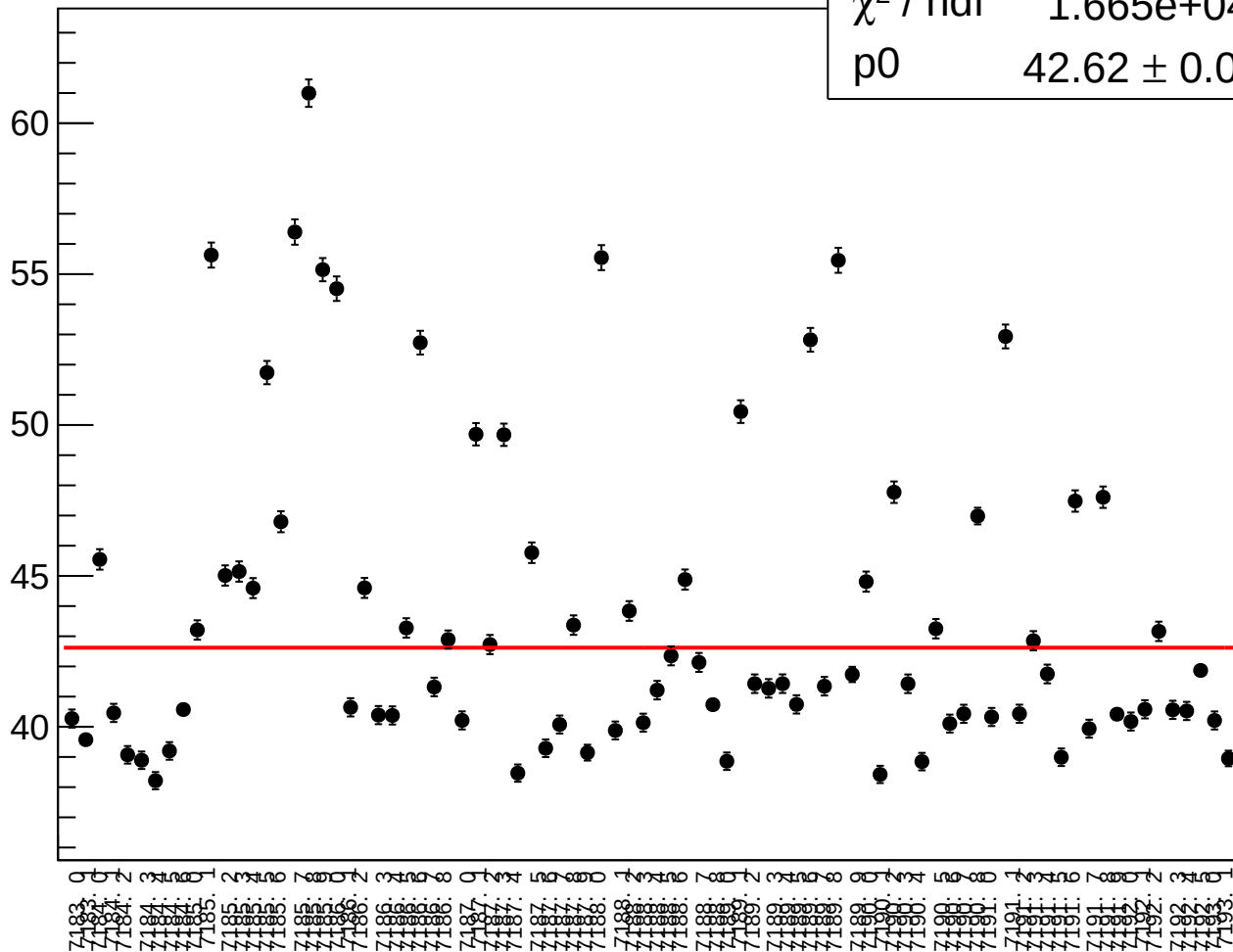


asym_sam_26_avg_dit_vs_cor_diff_mean vs run

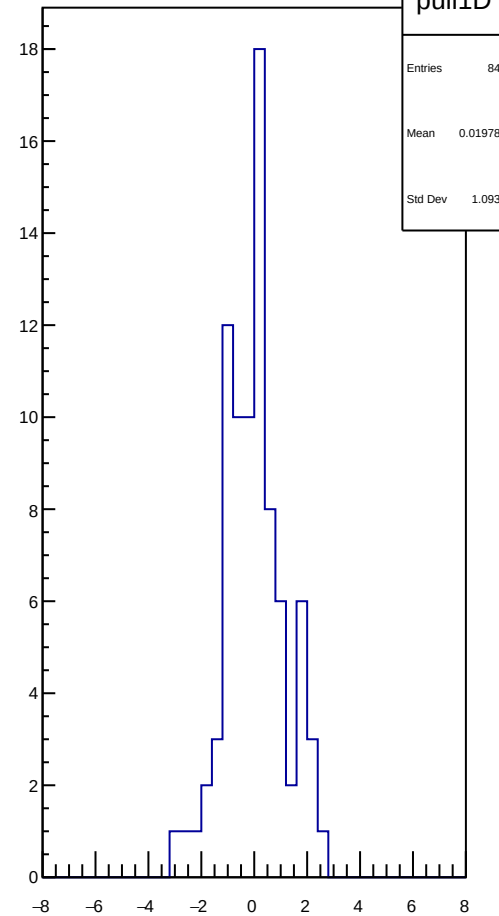
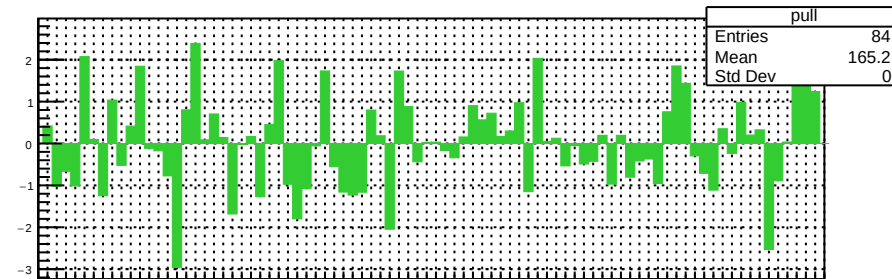
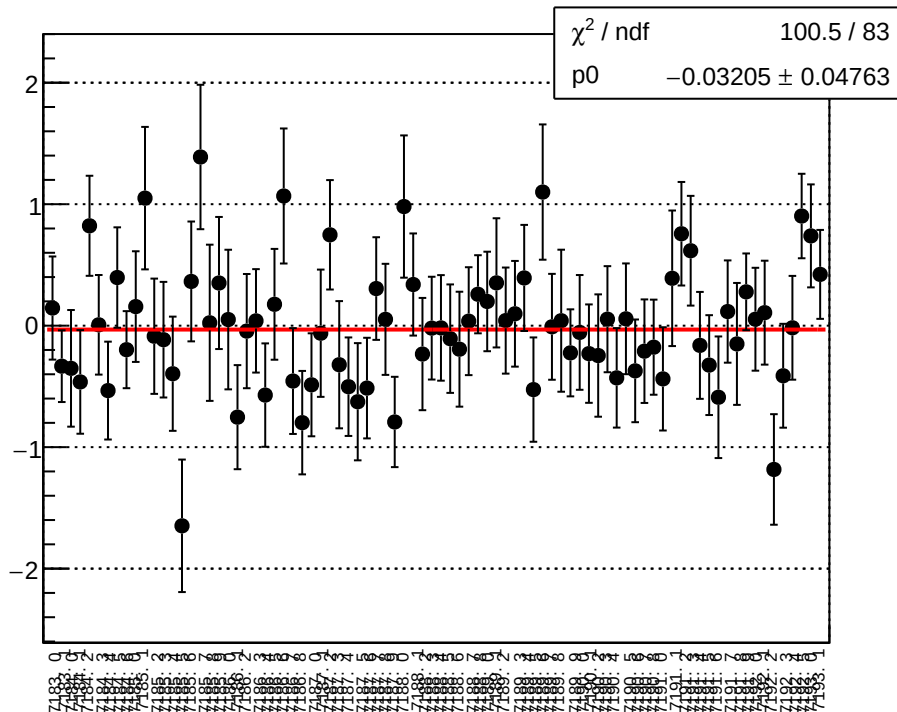


asym_sam_26_avg_dit_vs_cor_diff_rms vs run

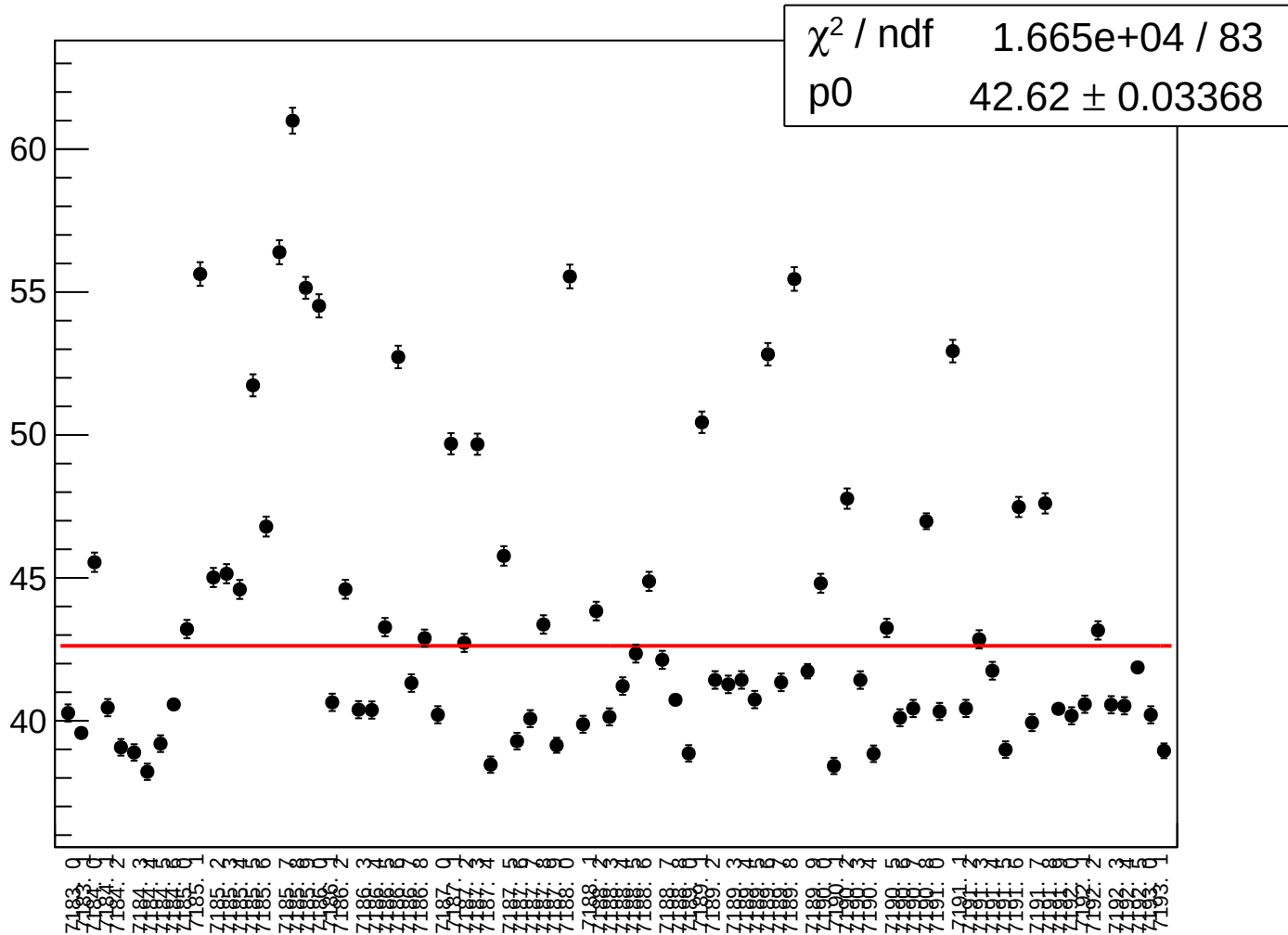
χ^2 / ndf 1.665e+04 / 83
 p0 42.62 $\pm$ 0.03368



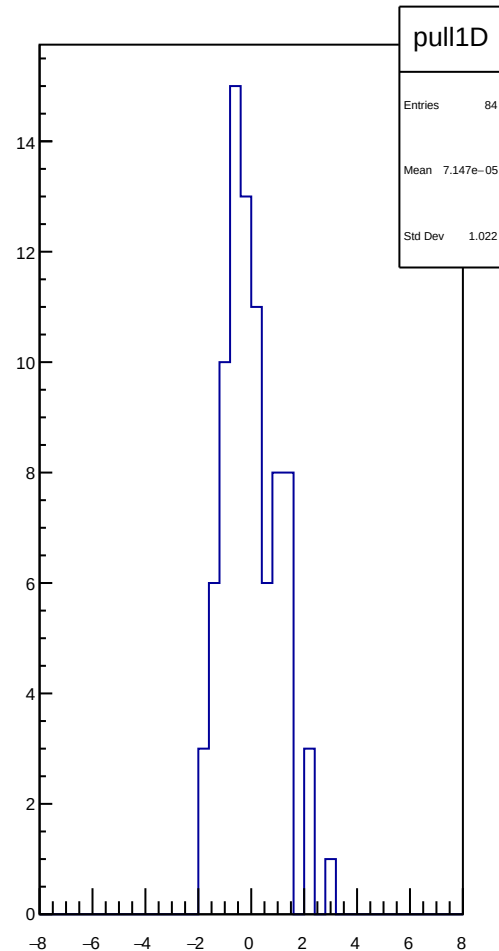
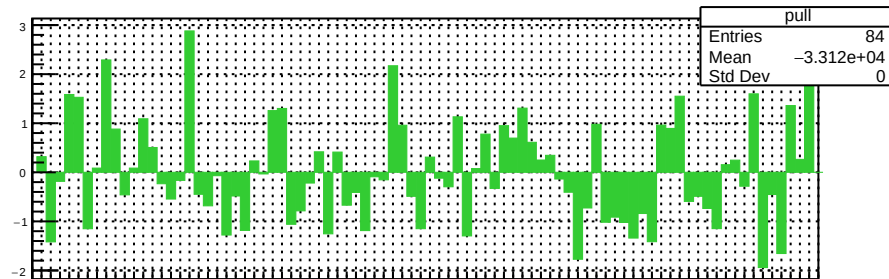
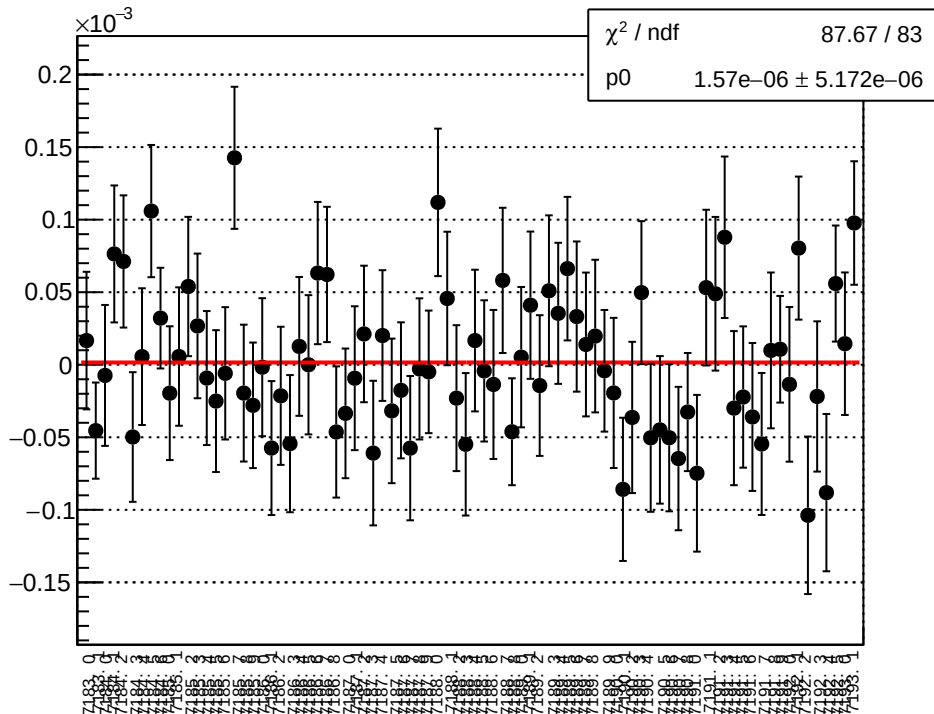
asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs run



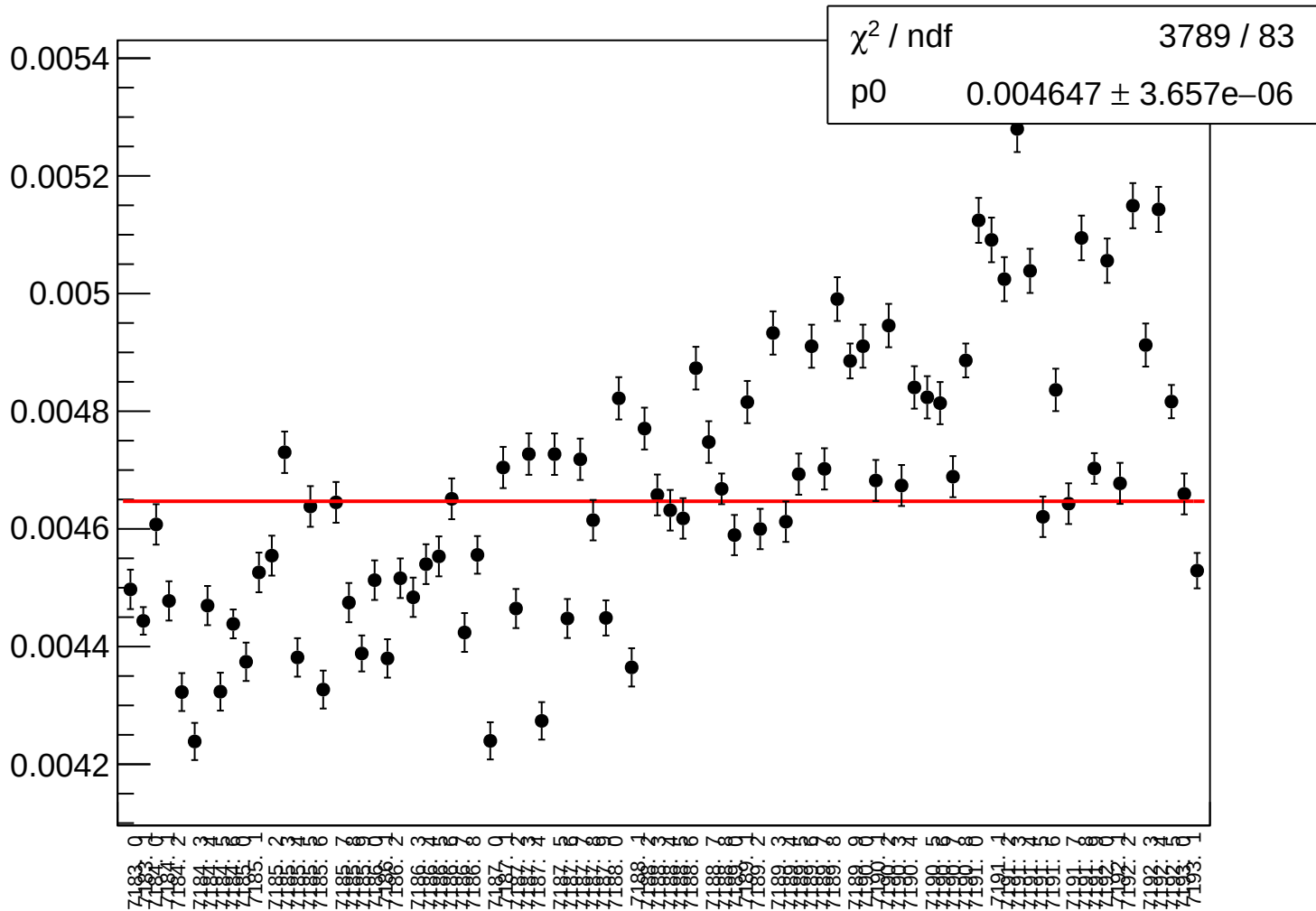
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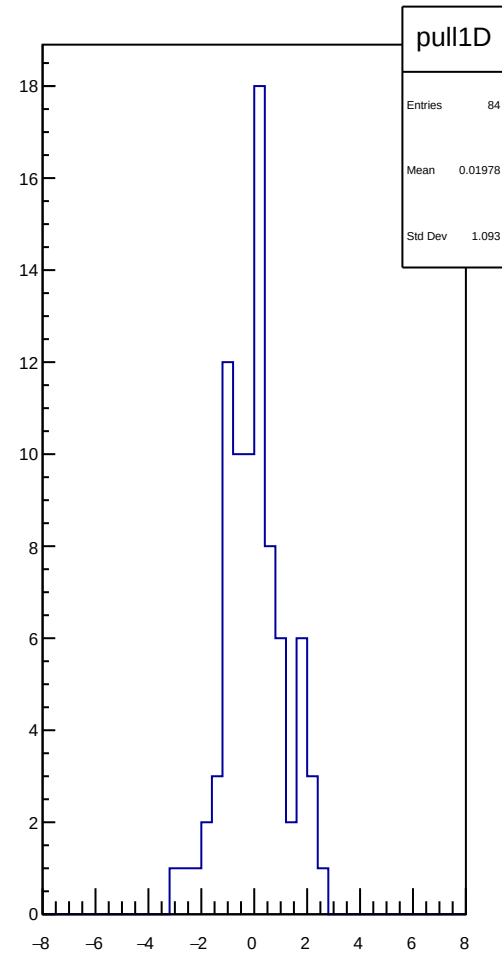
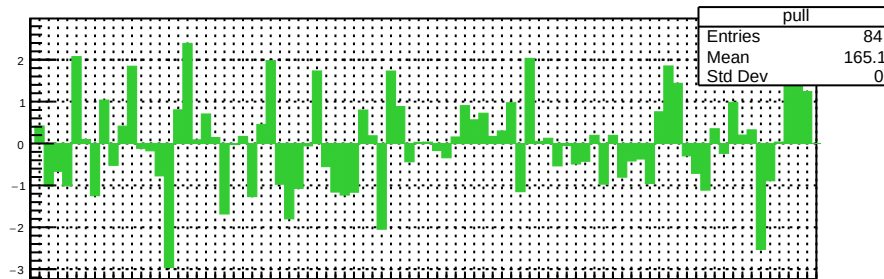
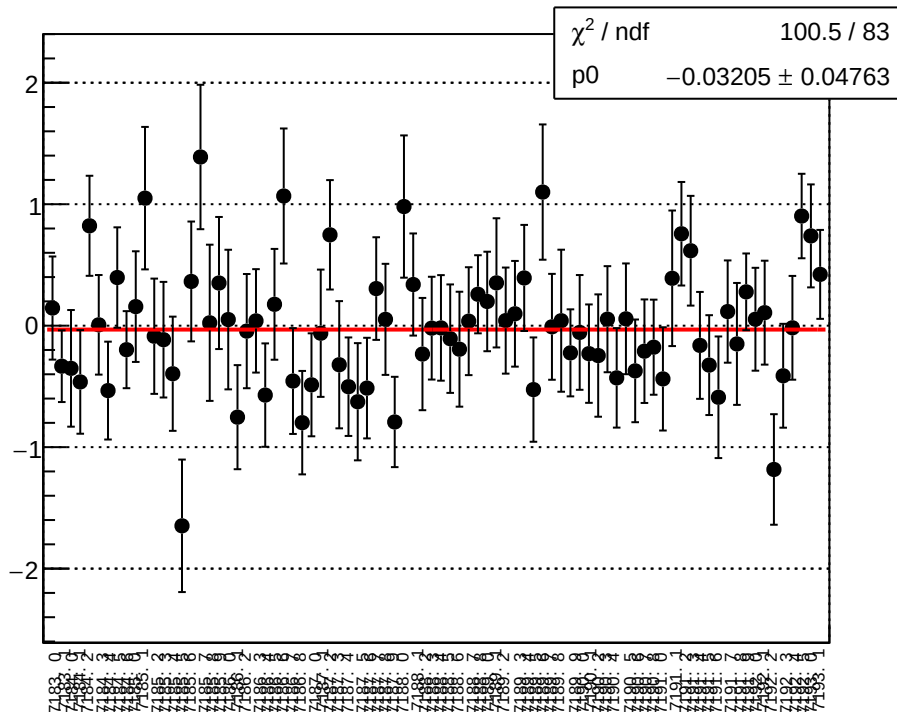
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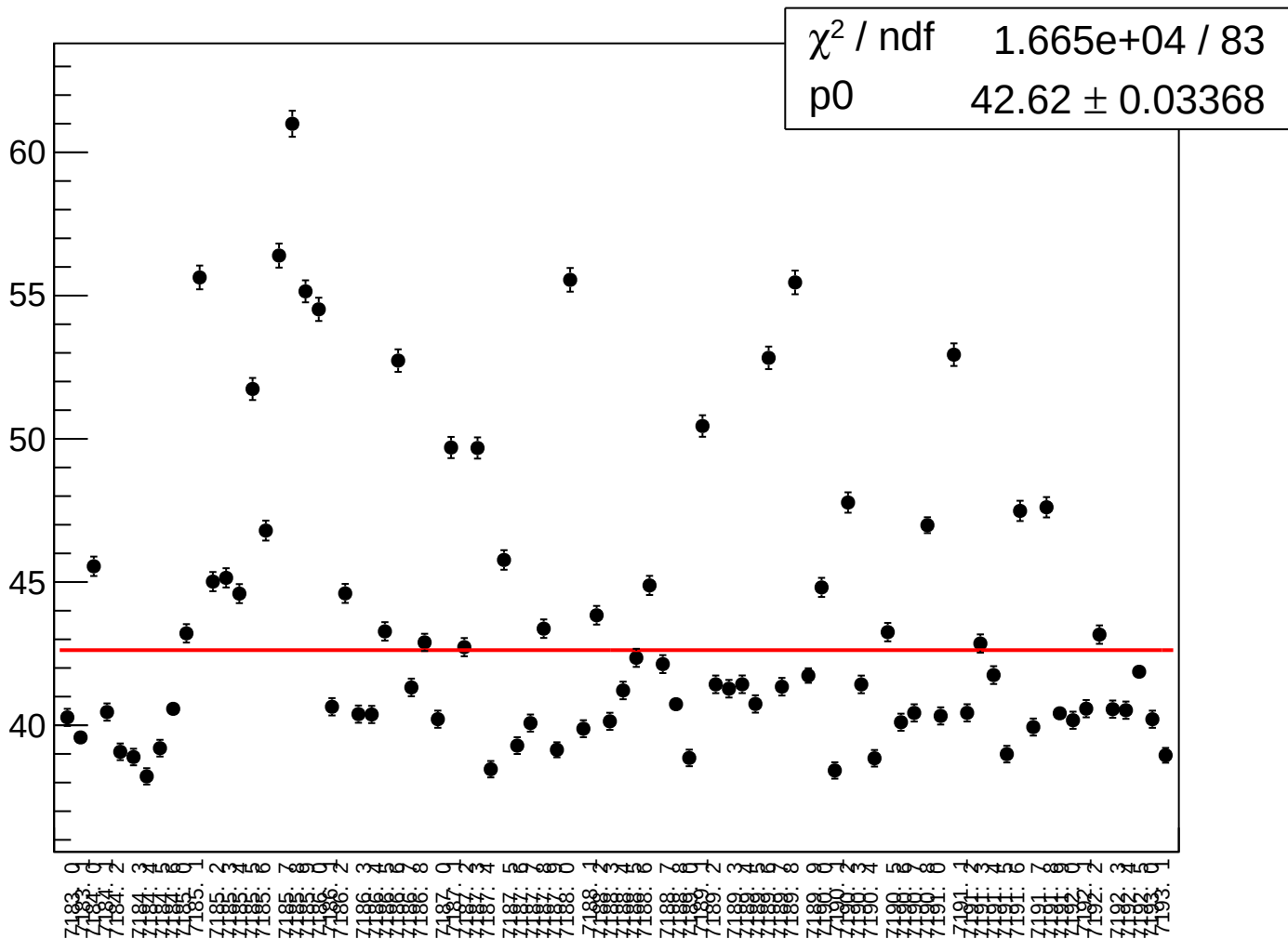
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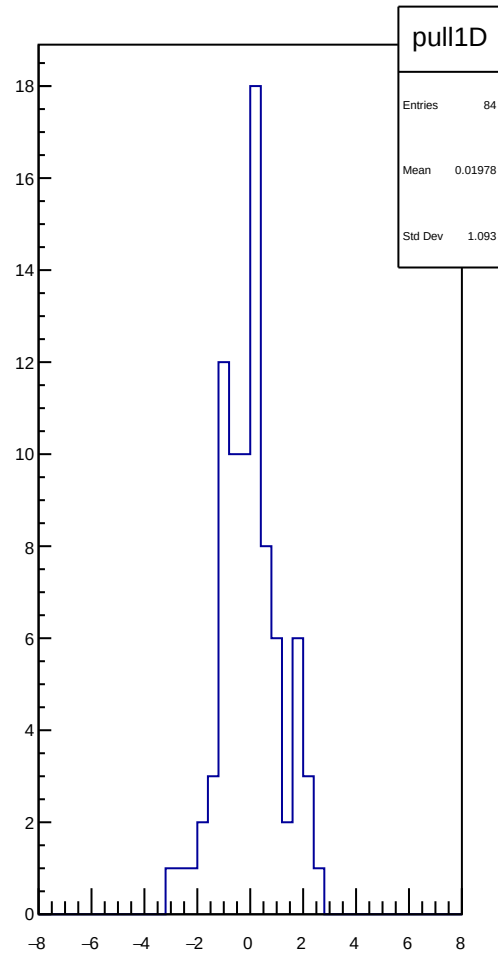
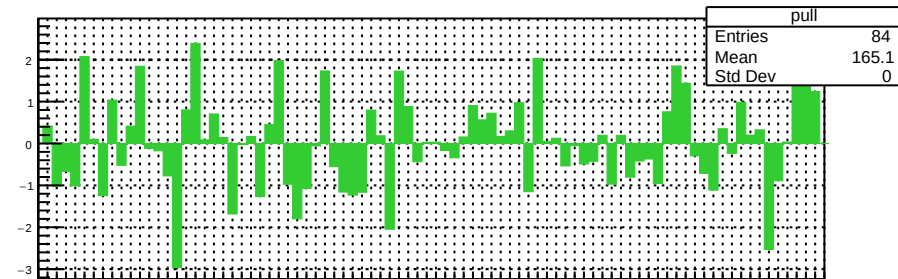
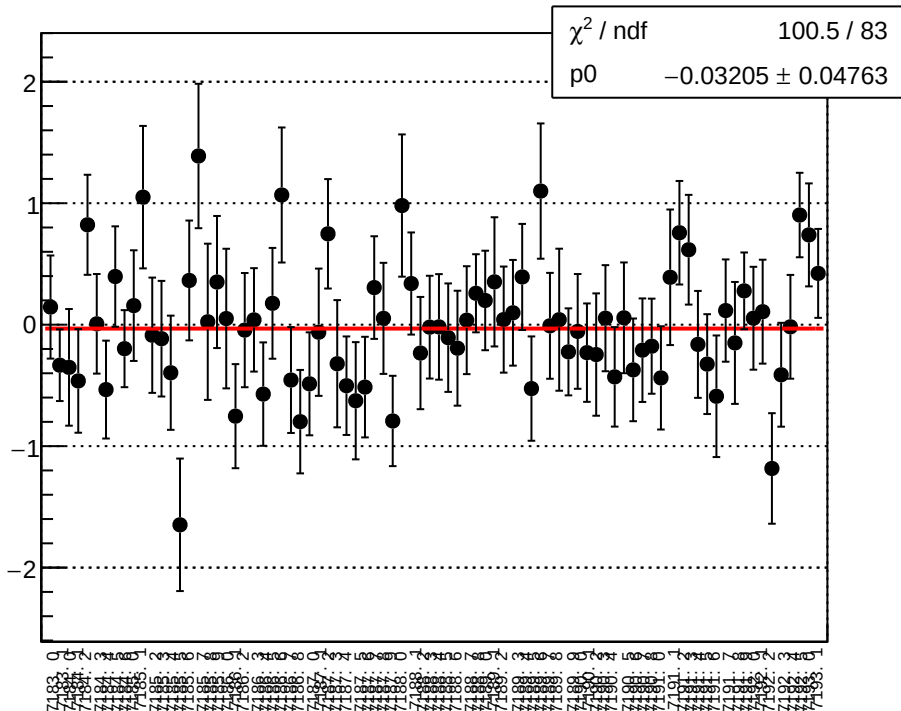
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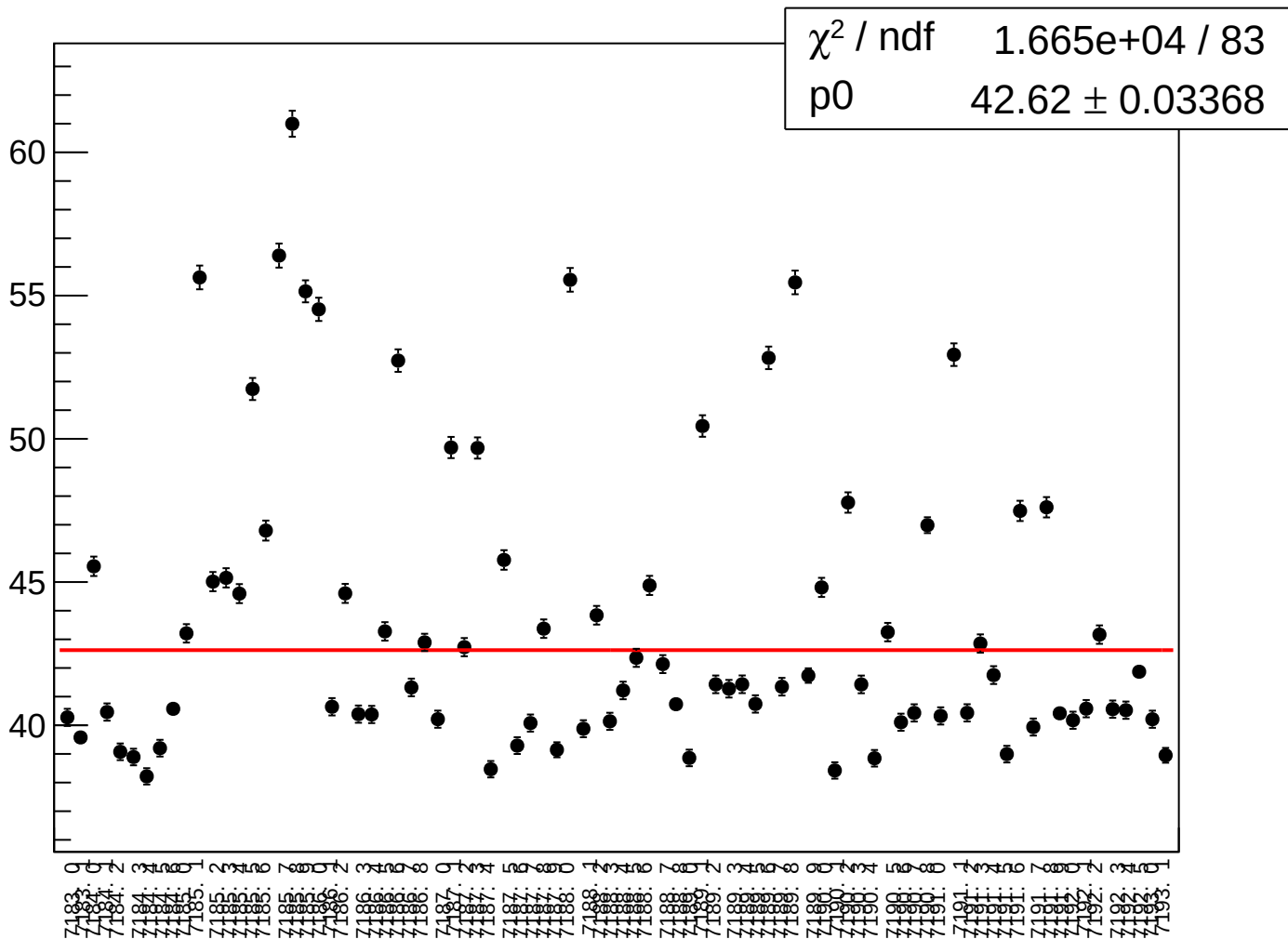
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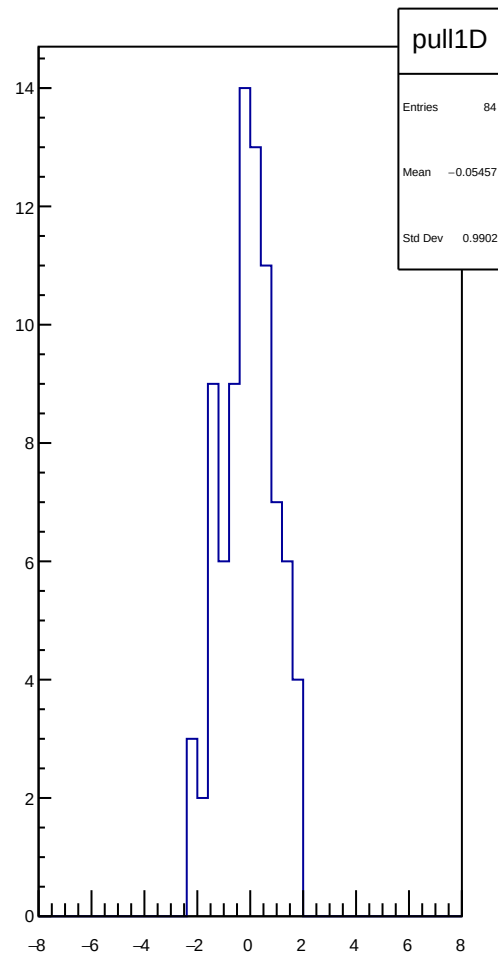
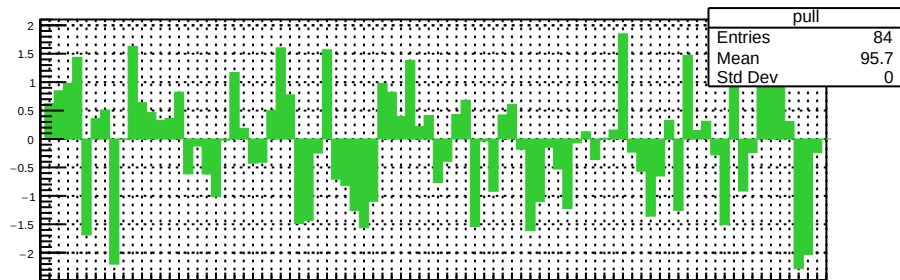
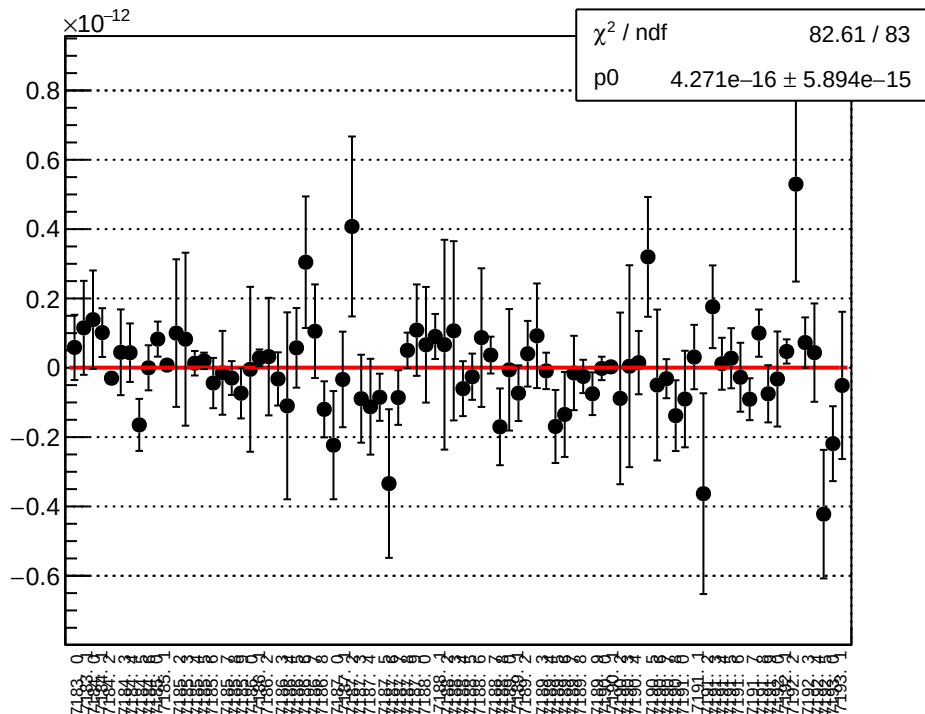
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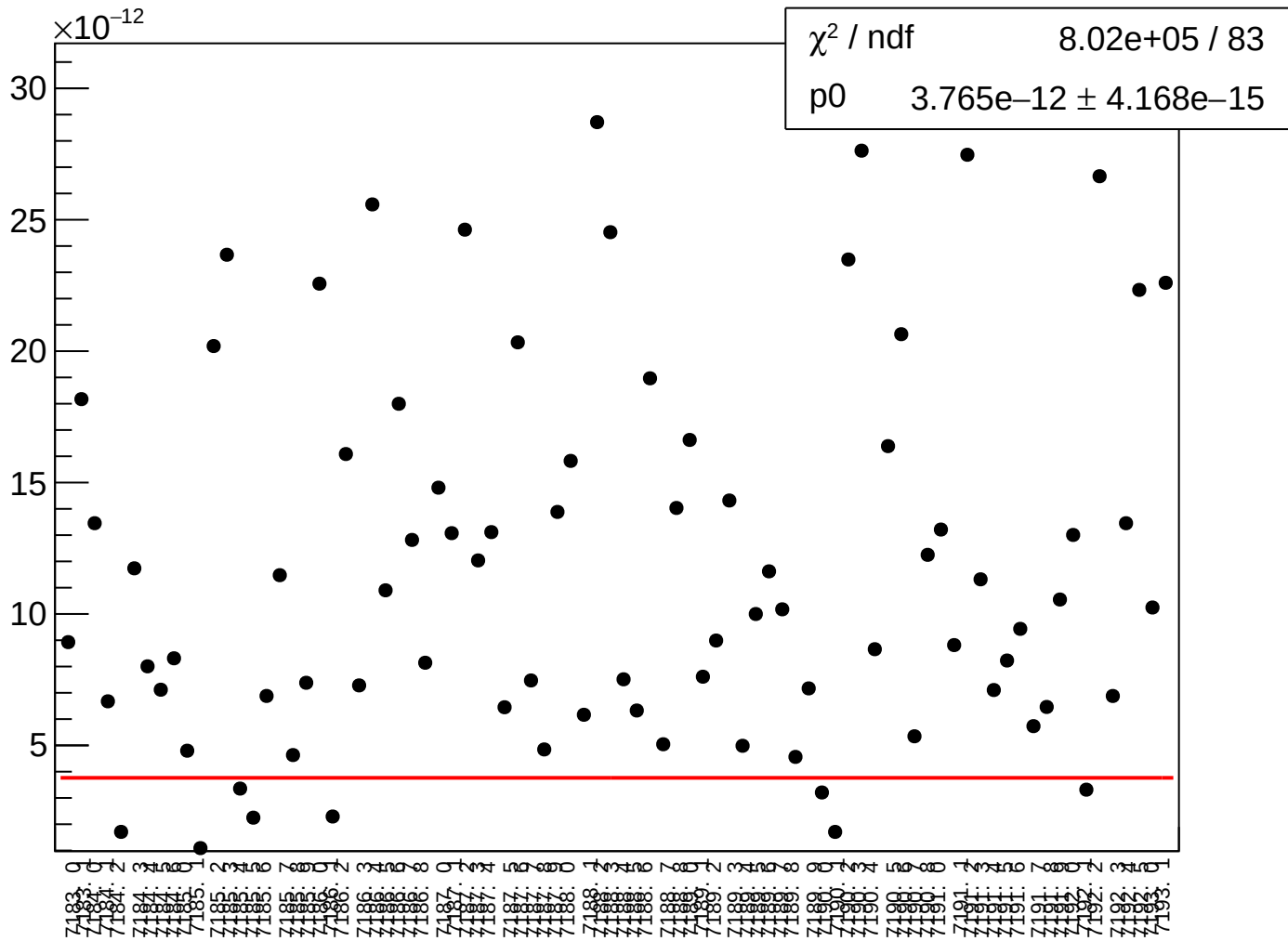
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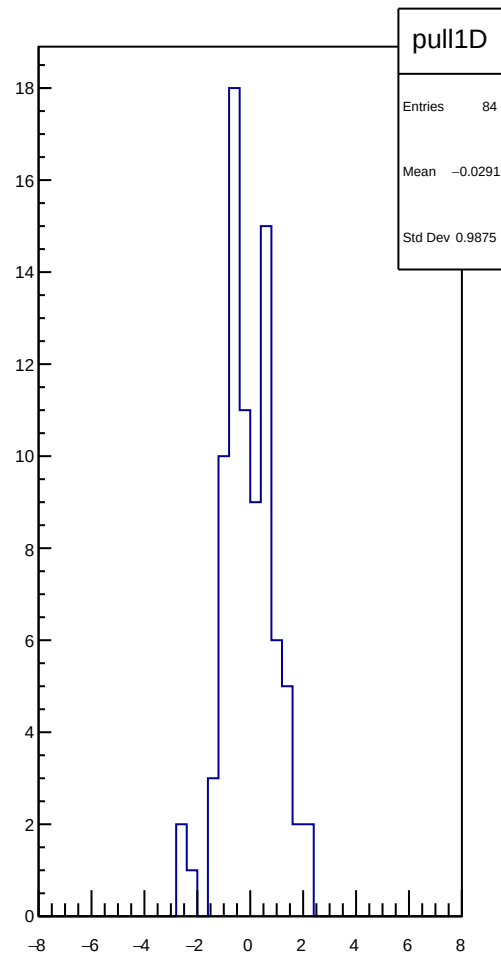
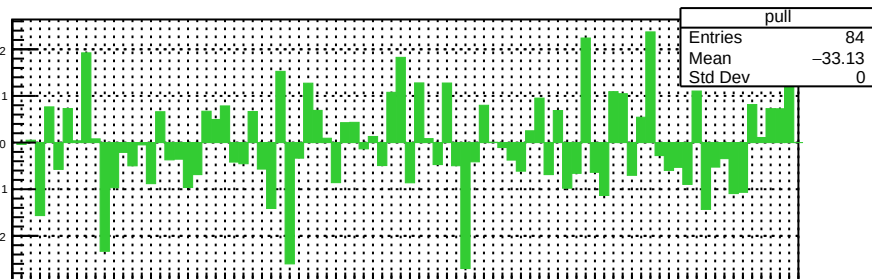
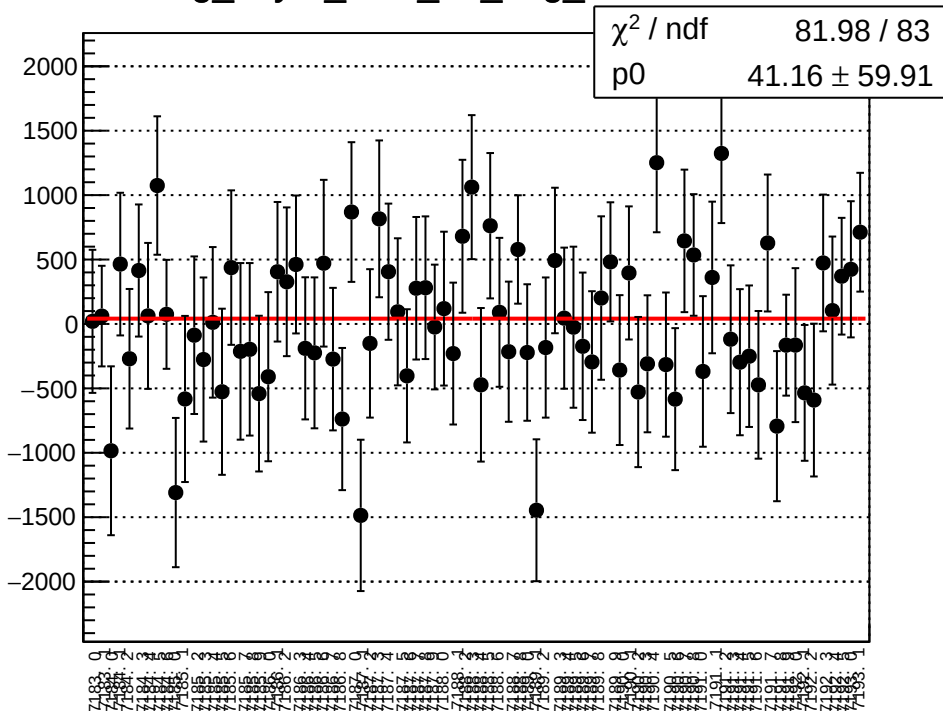
asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_37_avg_mean vs run



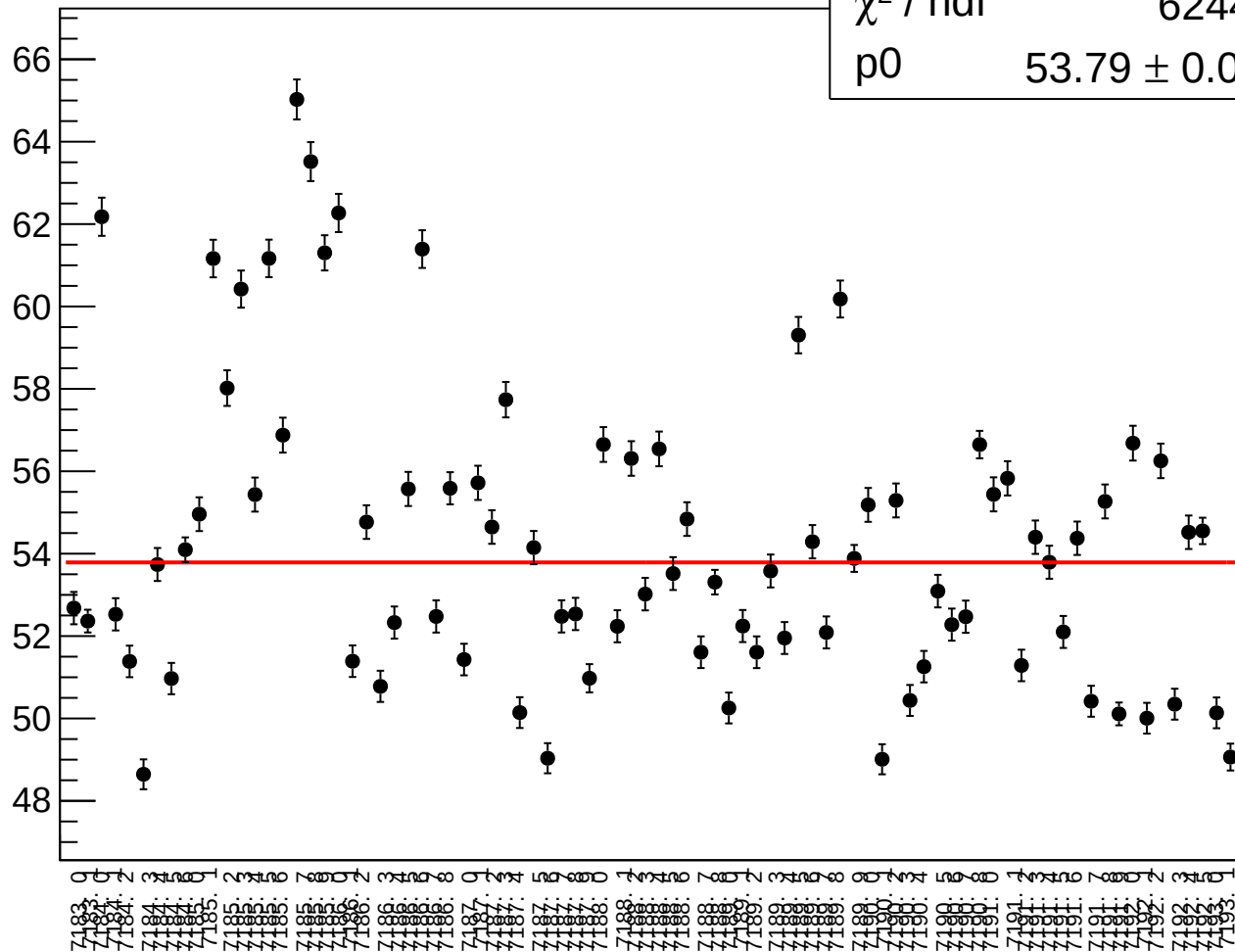
reg_asym_sam_37_avg_rms vs run

χ^2 / ndf

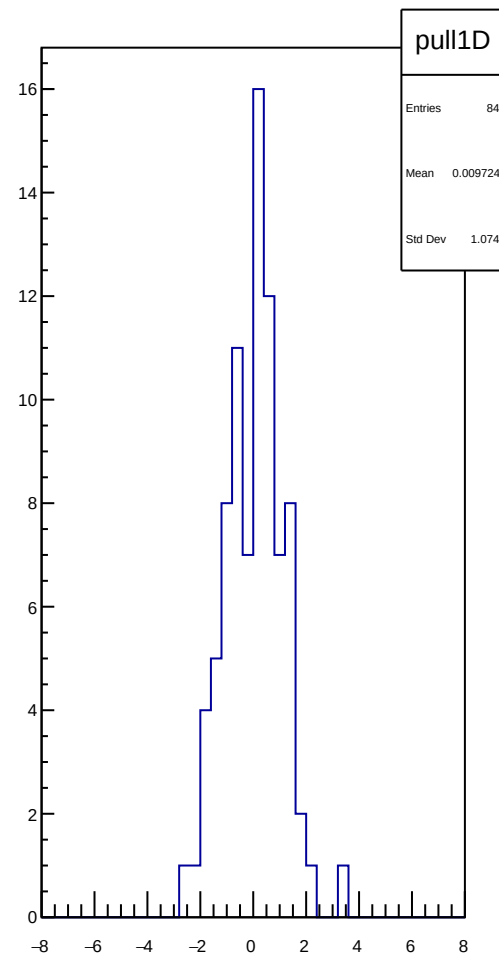
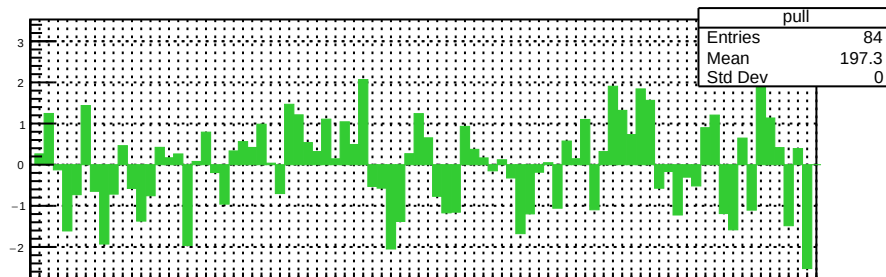
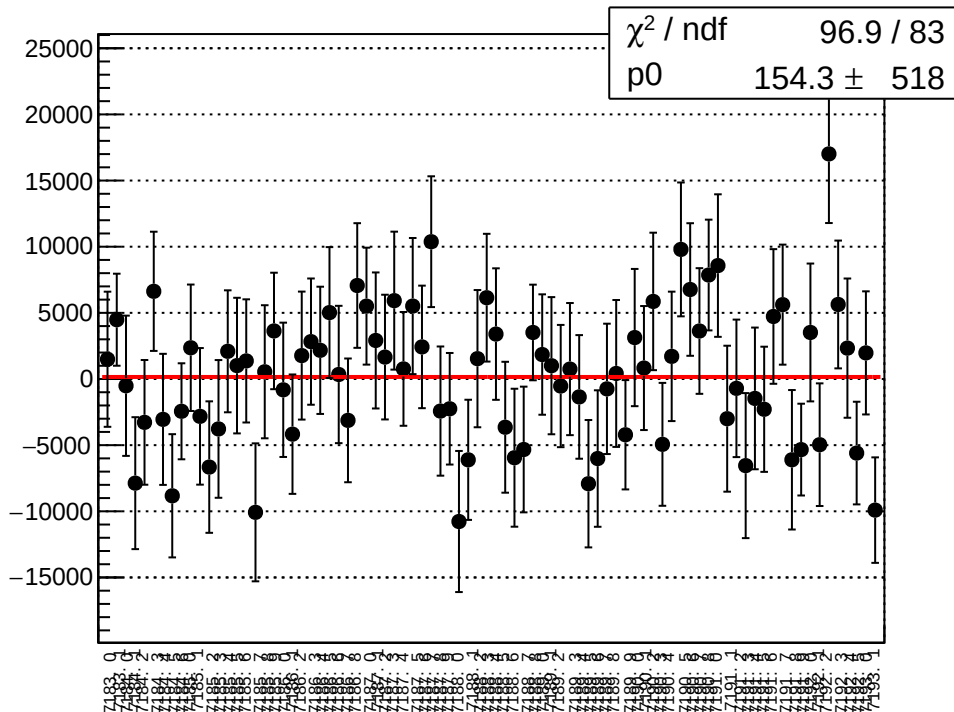
6244 / 83

p0

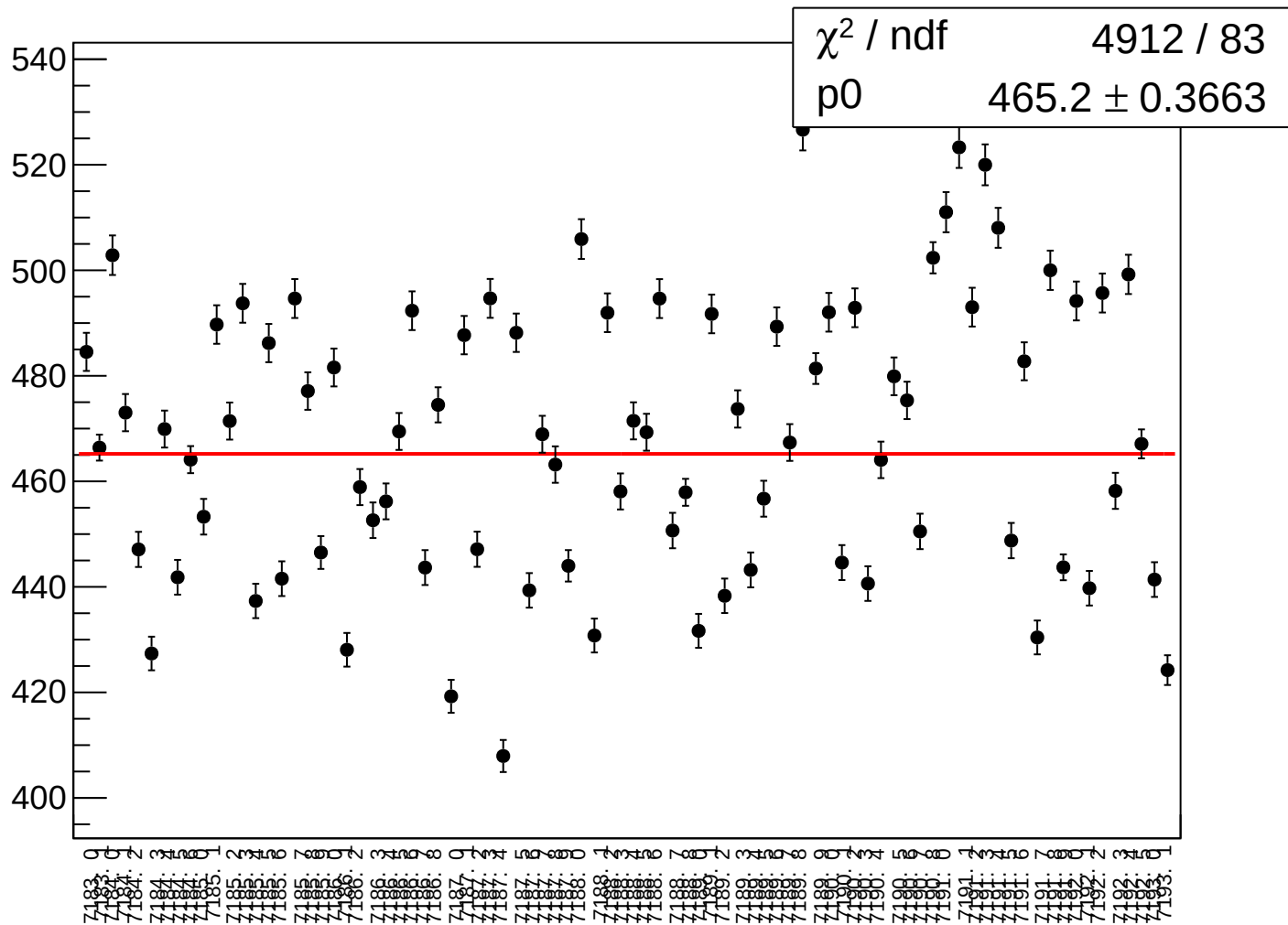
53.79 ± 0.04237



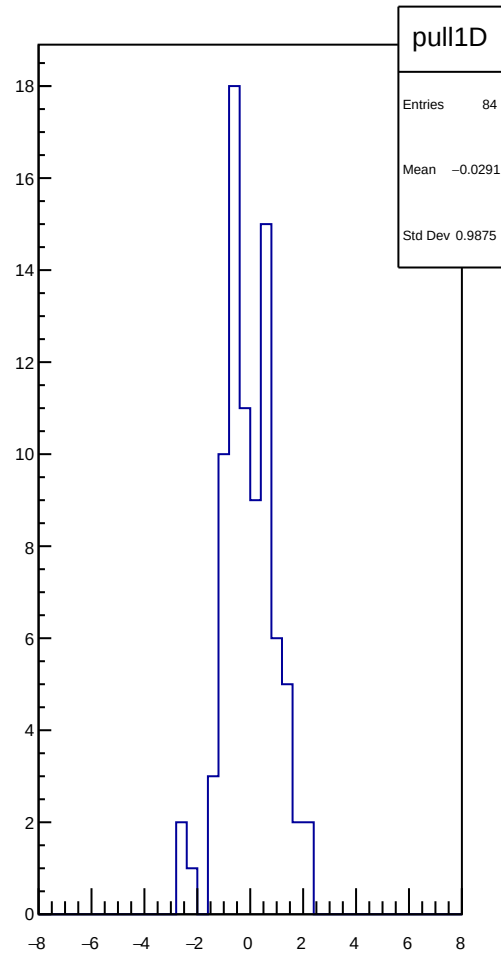
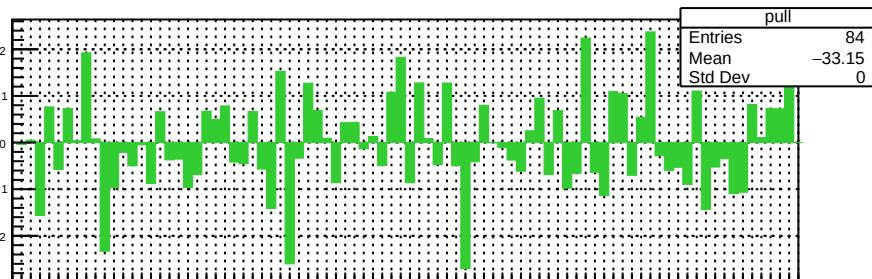
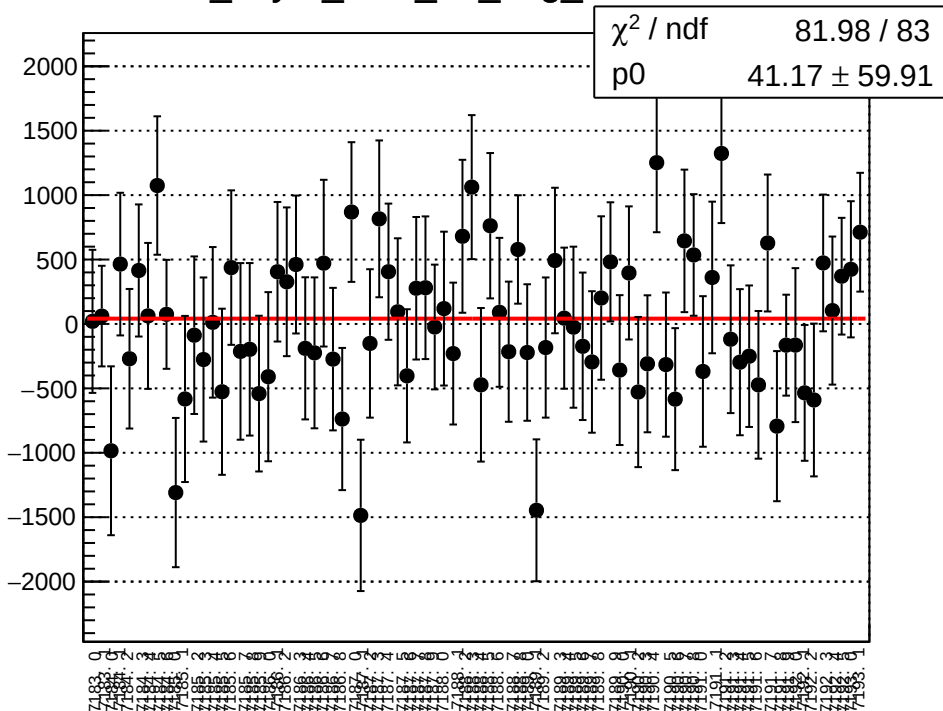
asym_sam_37_avg_reg_correction_mean vs run



asym_sam_37_avg_reg_correction_rms vs run



cor_asym_sam_37_avg_mean vs run

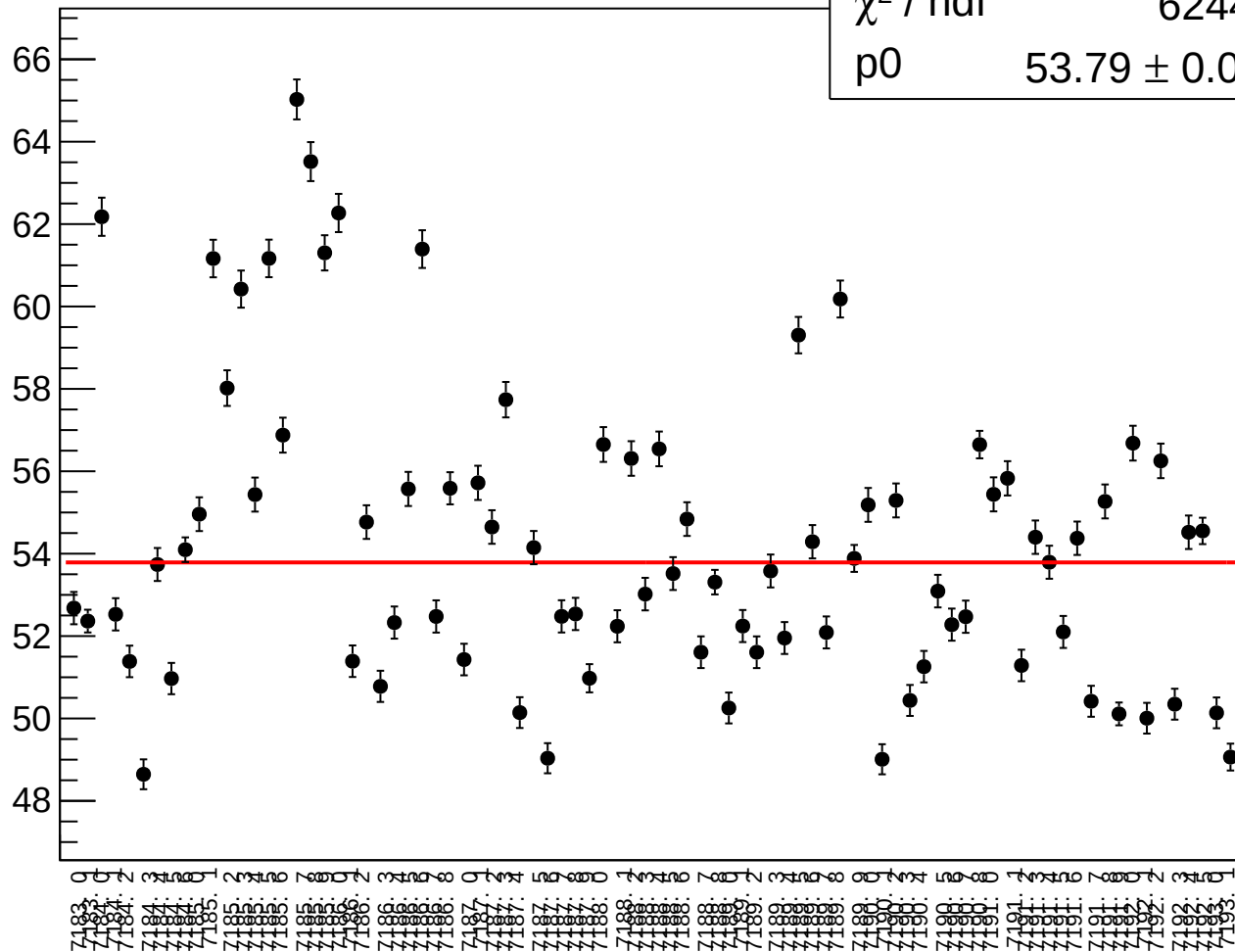


cor_asym_sam_37_avg_rms vs run

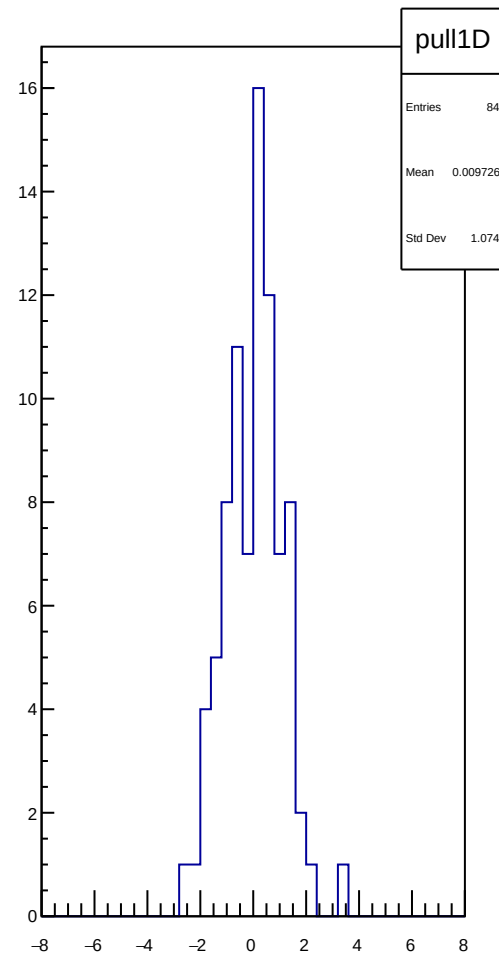
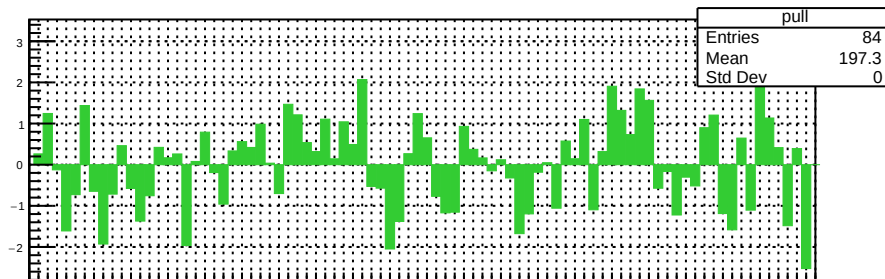
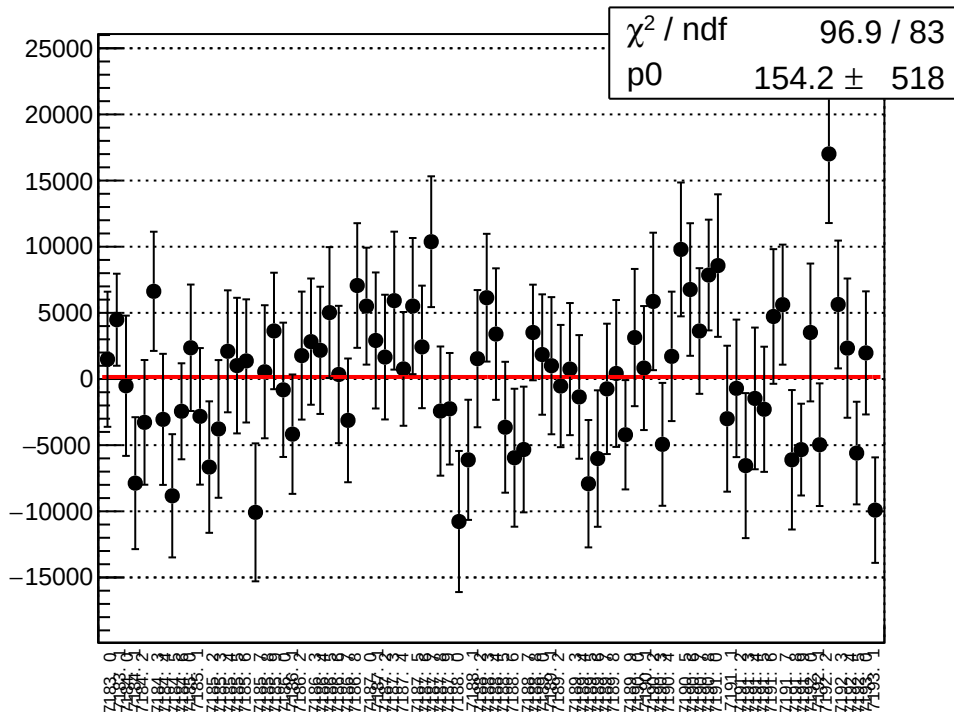
 χ^2 / ndf

6244 / 83

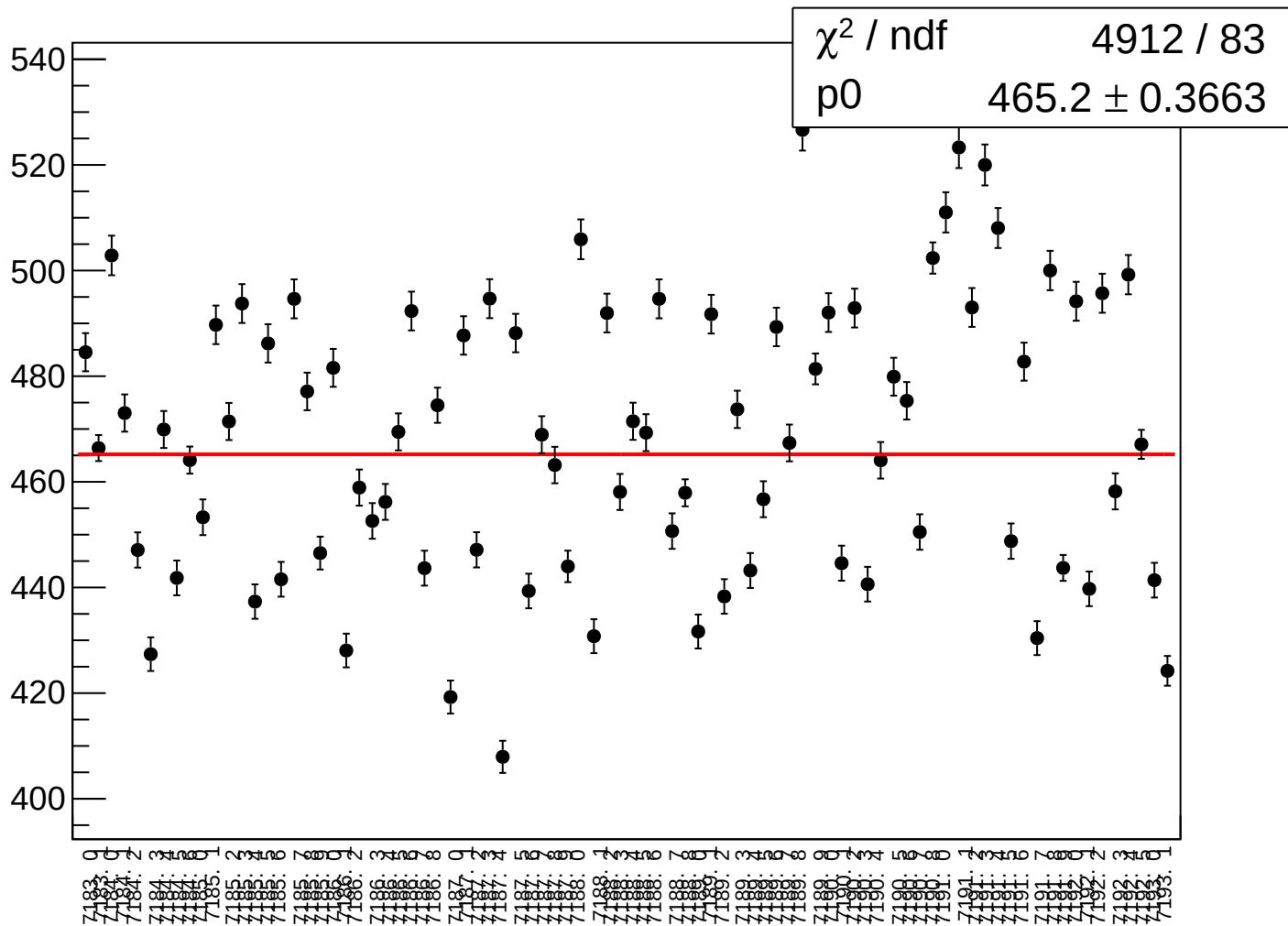
p0

 53.79 ± 0.04237 

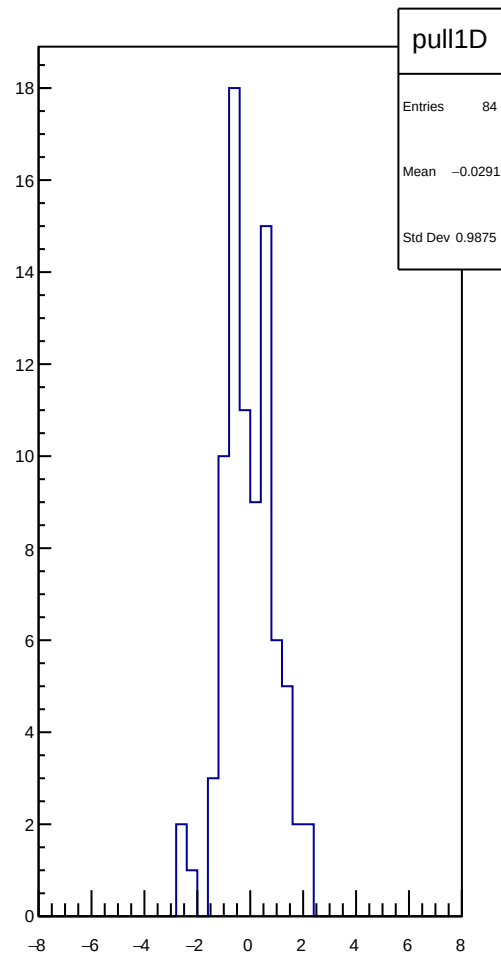
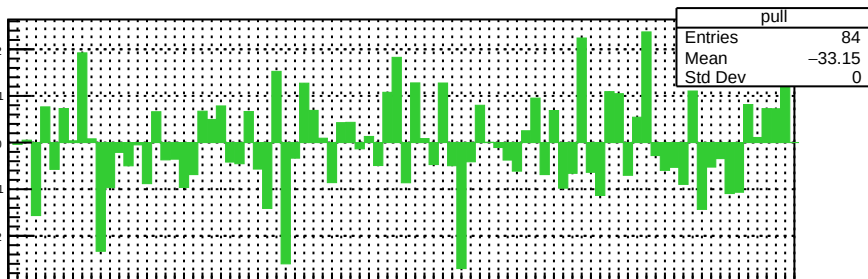
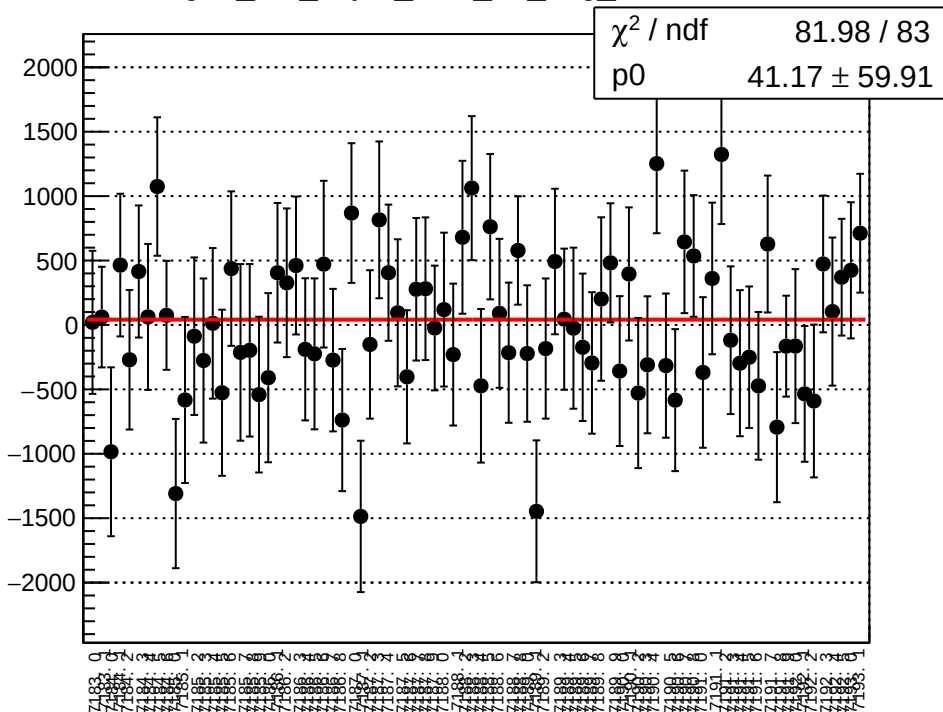
asym_sam_37_avg_cor_correction_mean vs run



asym_sam_37_avg_cor_correction_rms vs run



eigen_cor_asym_sam_37_avg_mean vs run



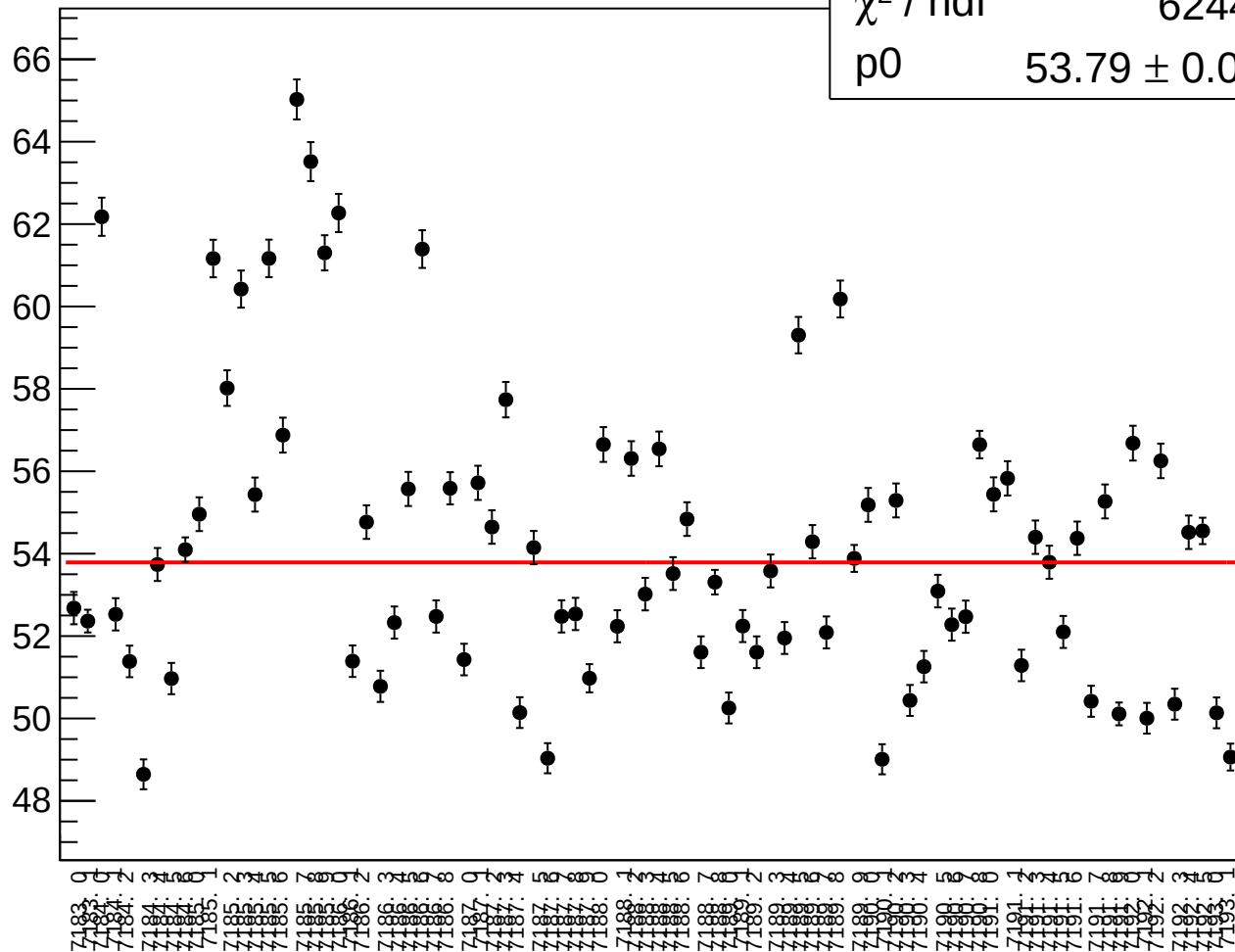
eigen_cor_asym_sam_37_avg_rms vs run

χ^2 / ndf

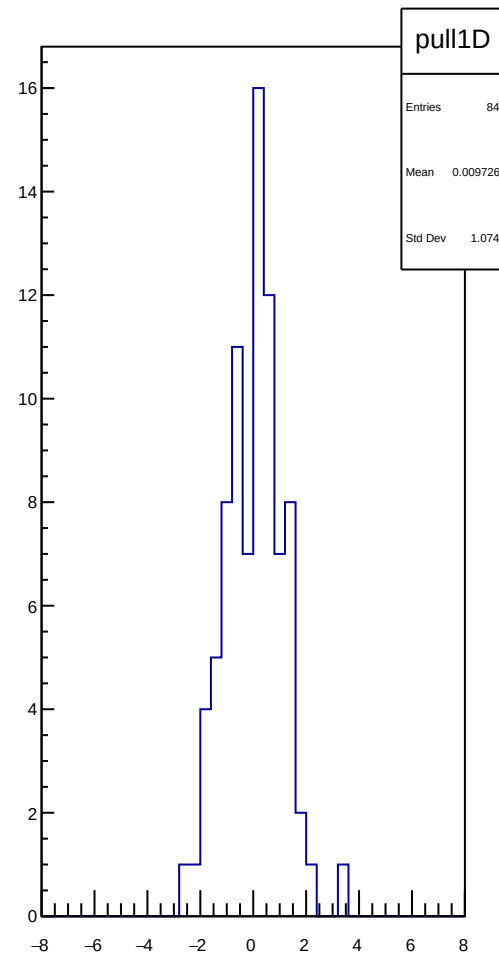
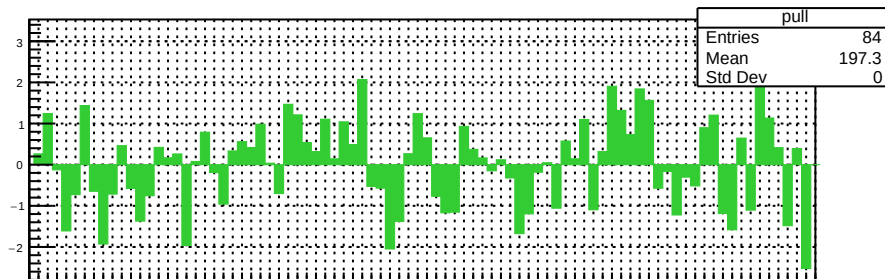
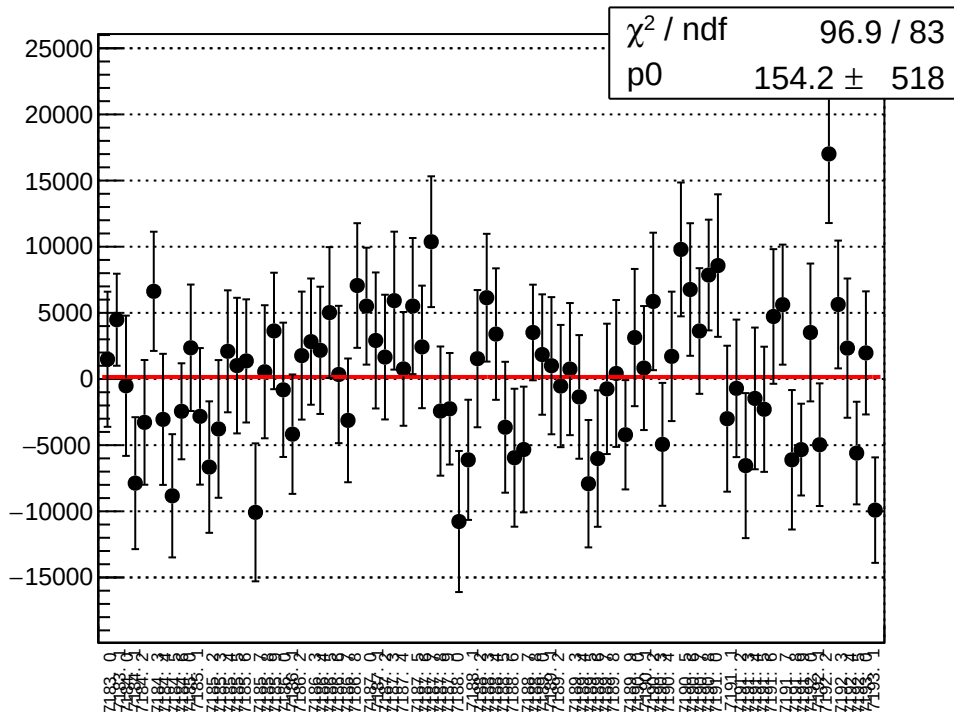
6244 / 83

p0

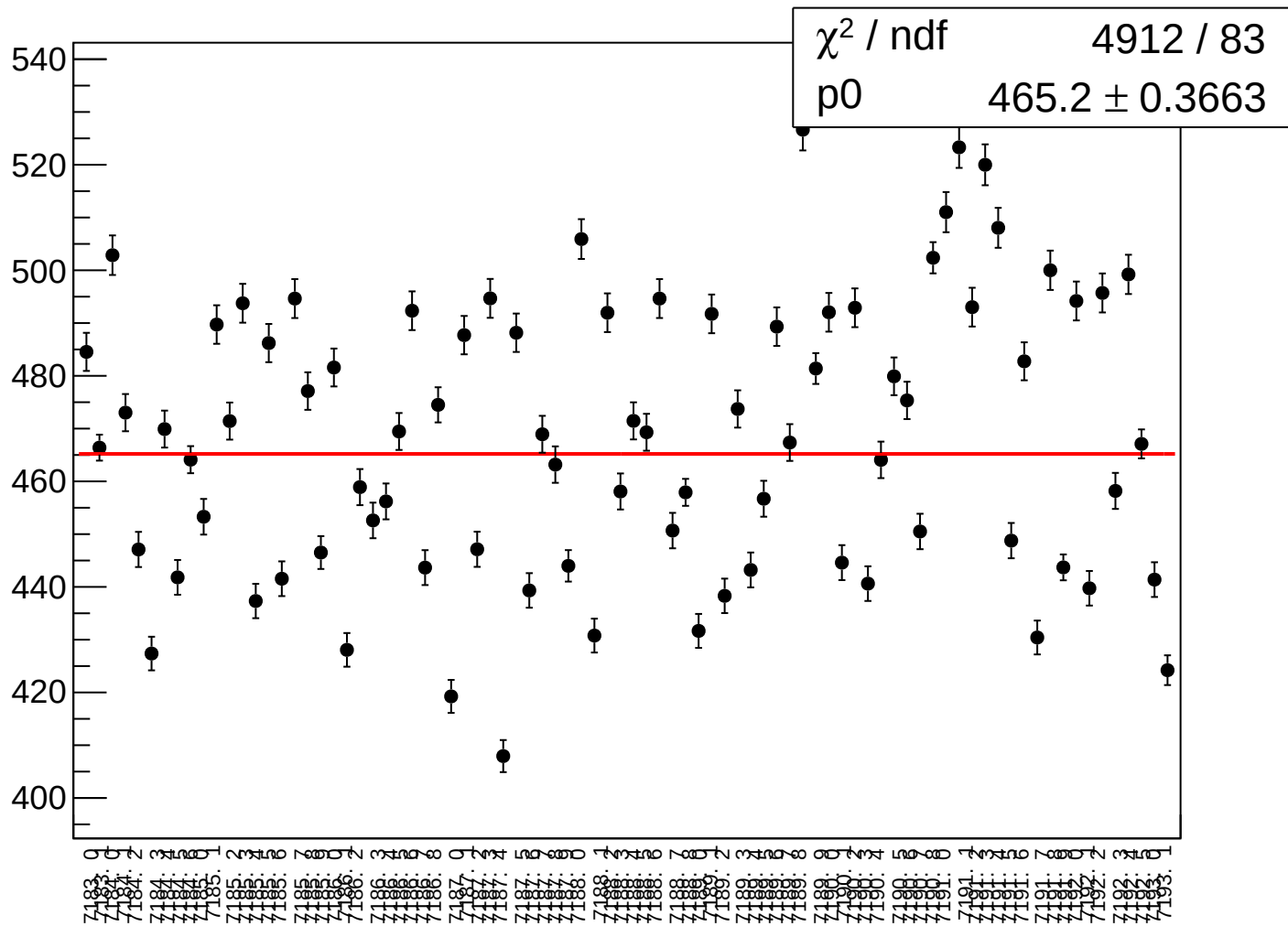
53.79 ± 0.04237



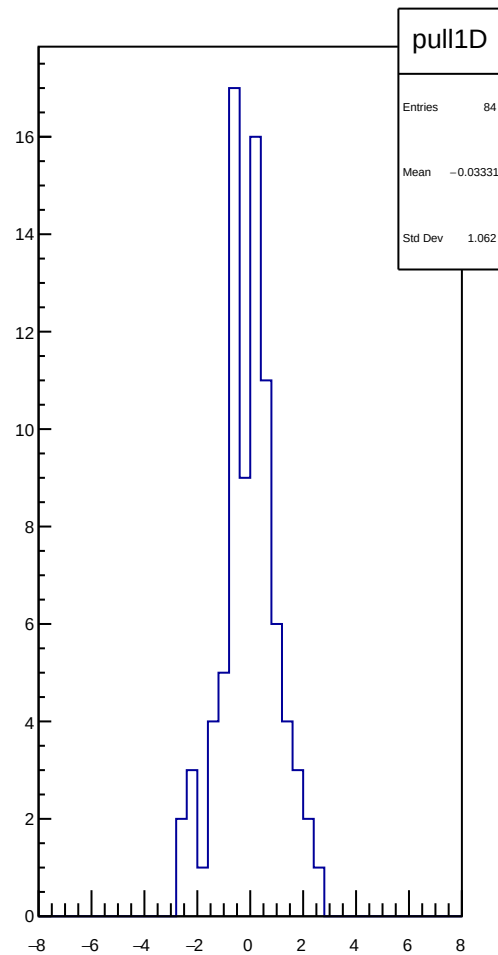
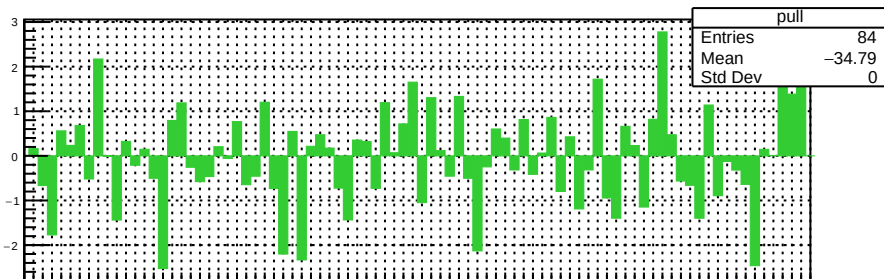
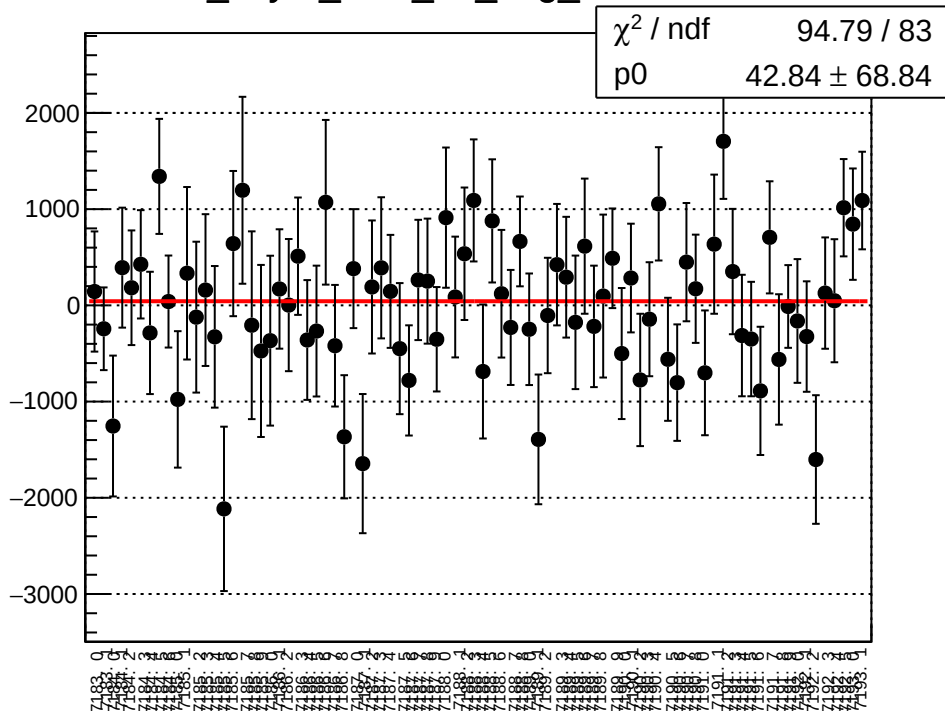
asym_sam_37_avg_eigen_cor_correction_mean vs run



asym_sam_37_avg_eigen_cor_correction_rms vs run

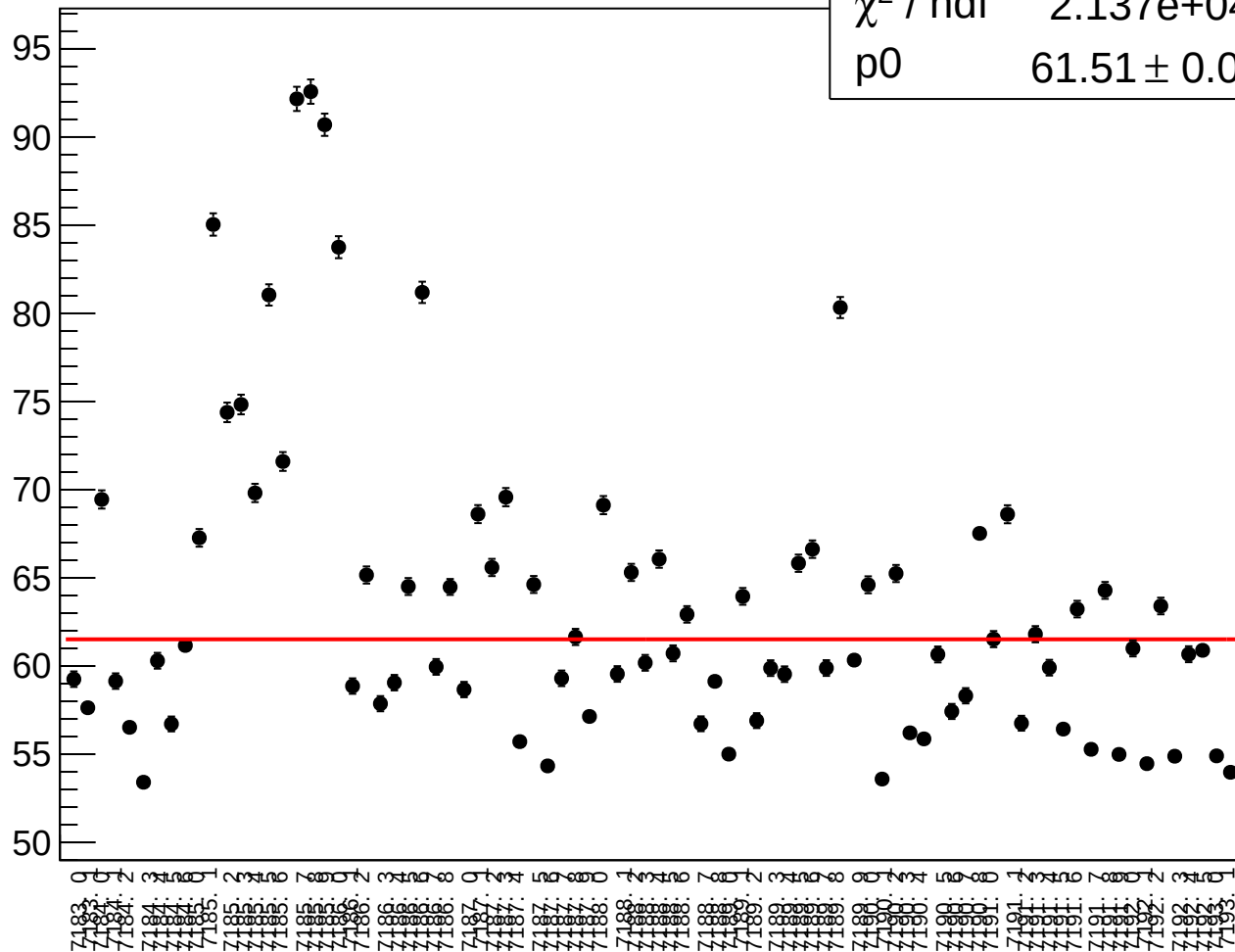


dit_asym_sam_37_avg_mean vs run

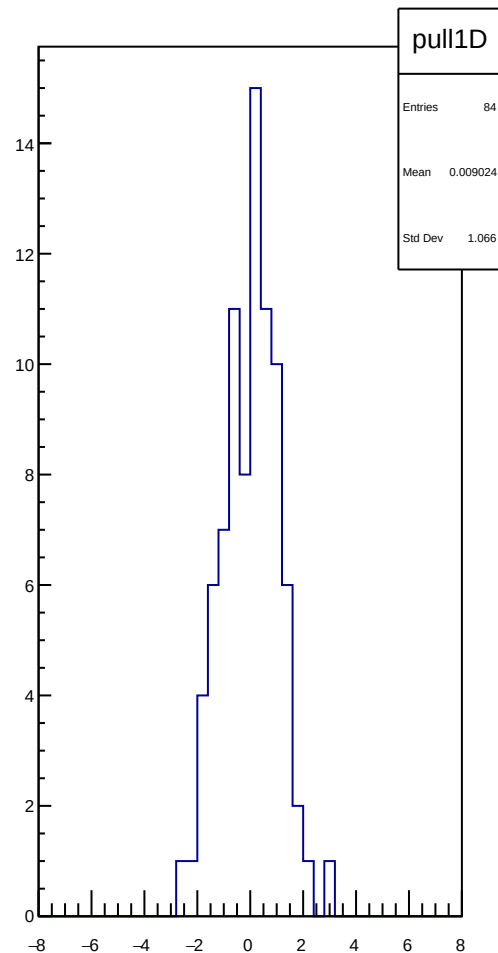
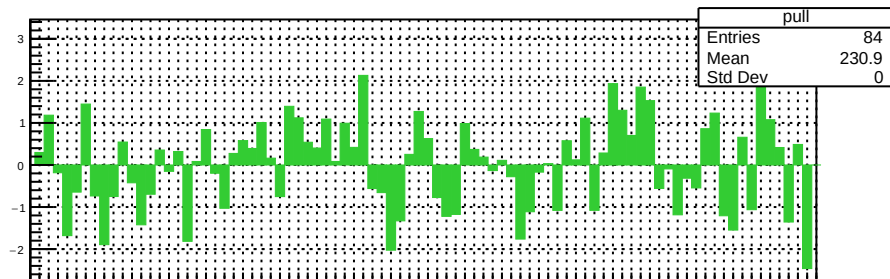
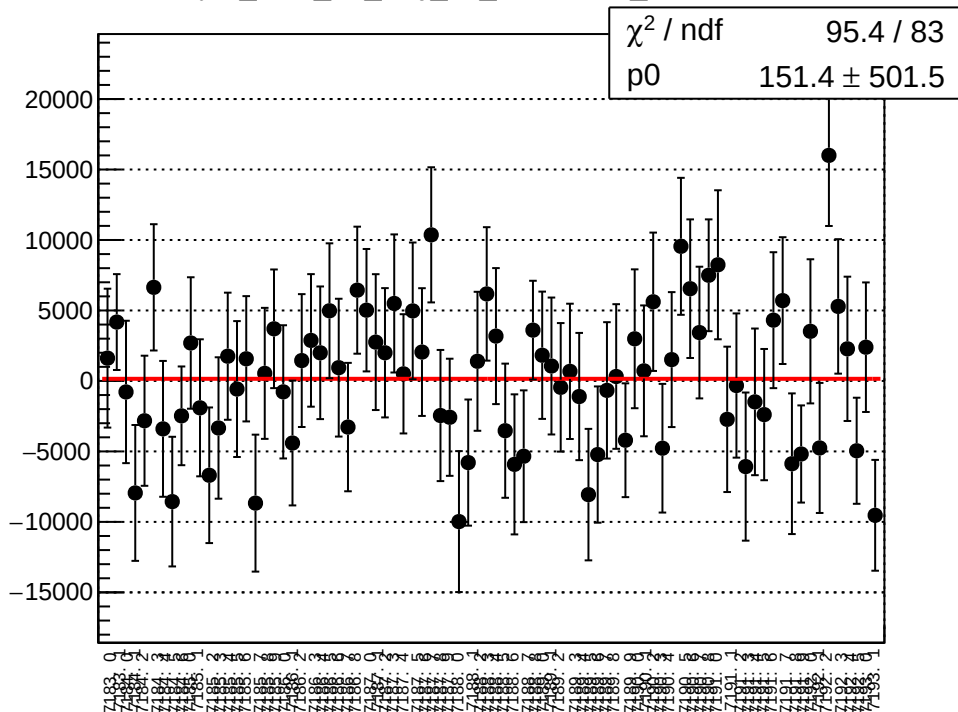


dit_asym_sam_37_avg_rms vs run

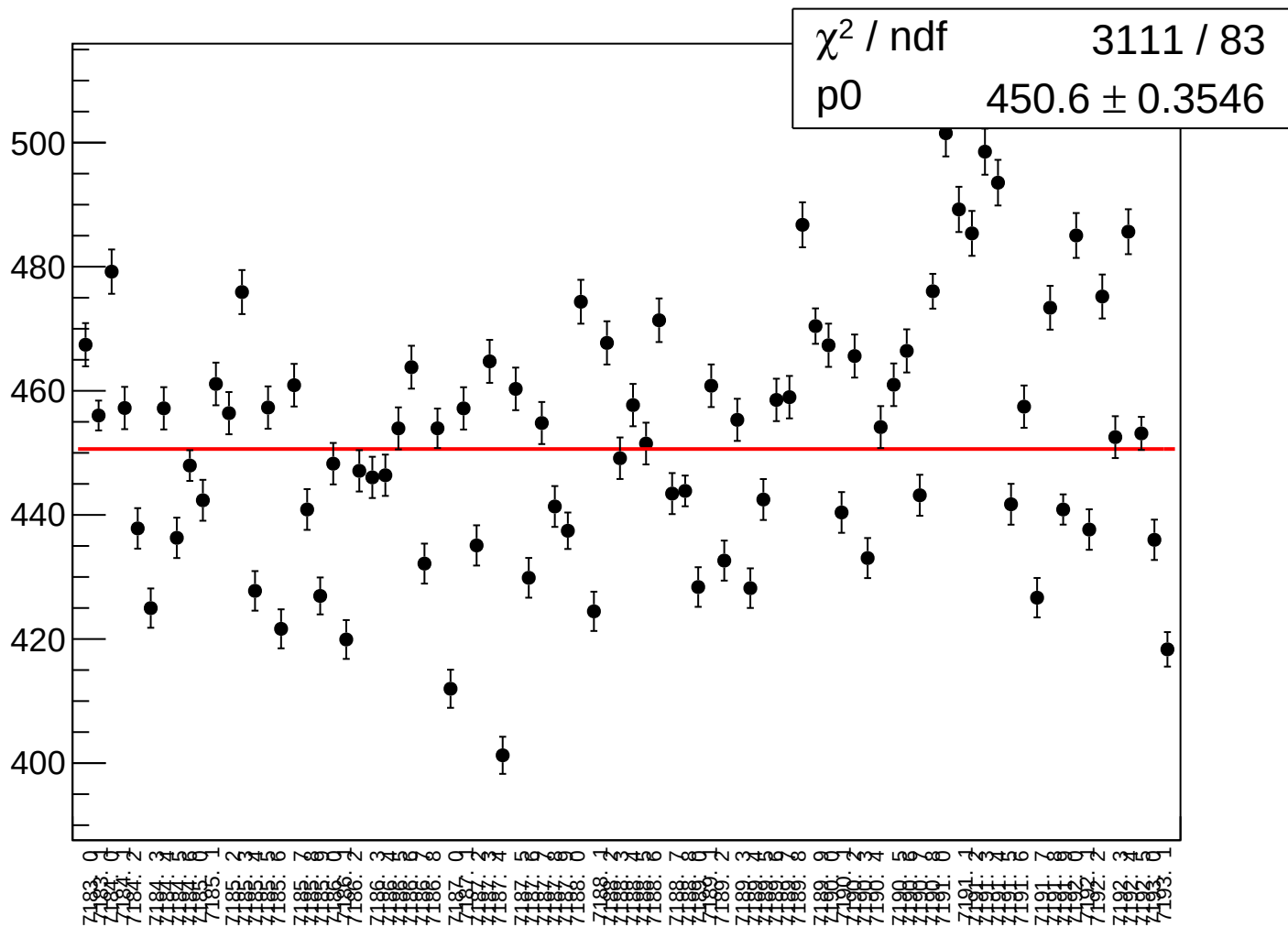
χ^2 / ndf 2.137e+04 / 83
p0 61.51 ± 0.04868



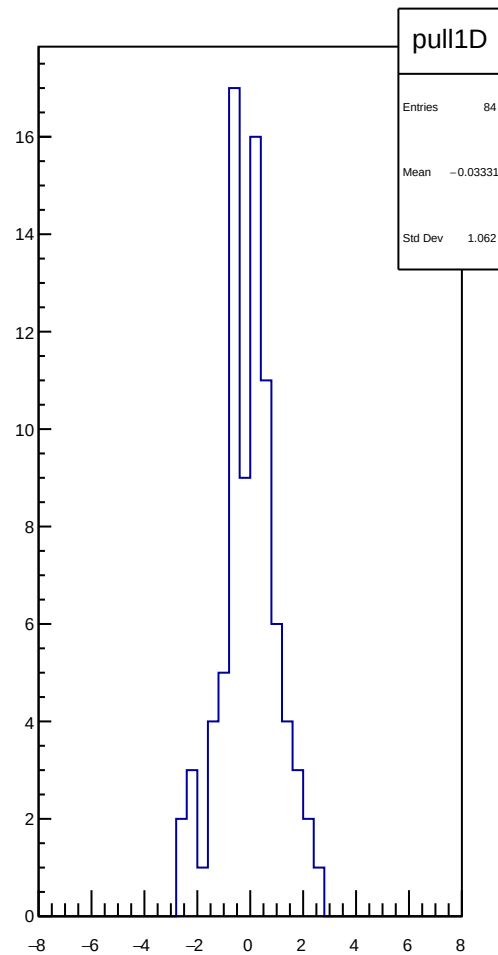
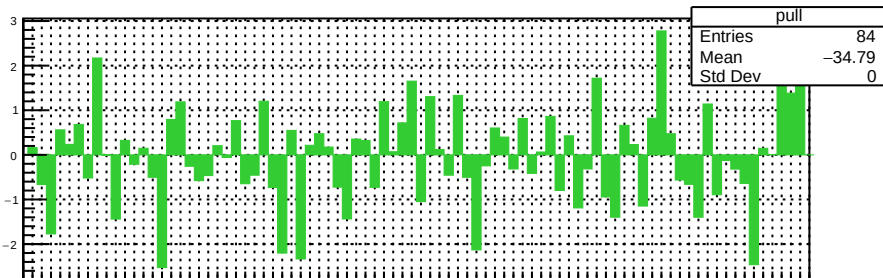
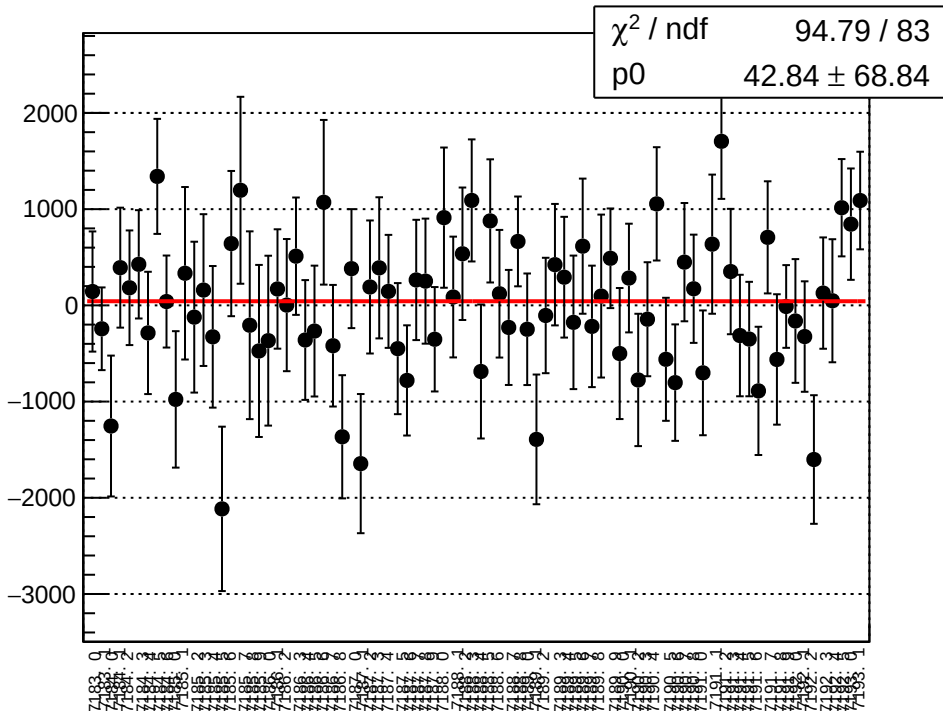
asym_sam_37_avg_dit_correction_mean vs run



asym_sam_37_avg_dit_correction_rms vs run

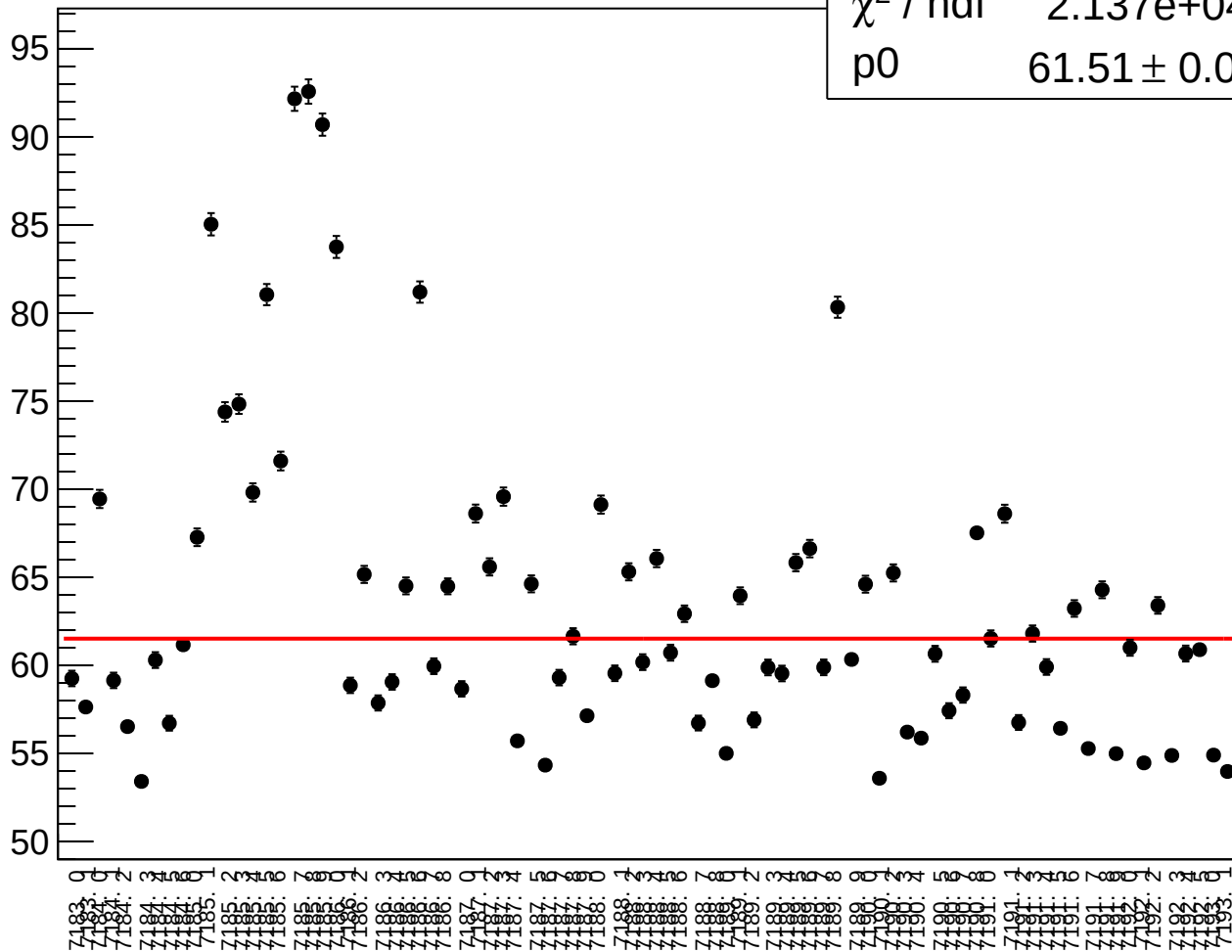


eigen_dit_asym_sam_37_avg_mean vs run

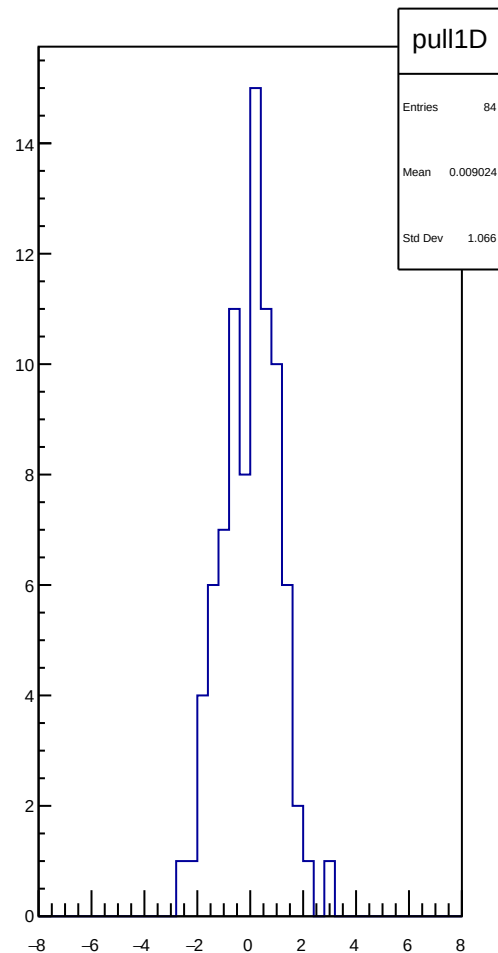
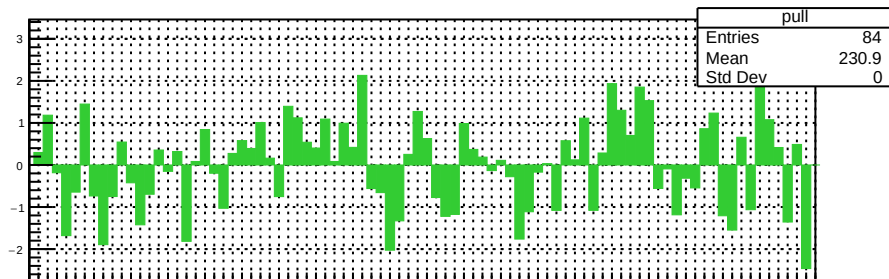
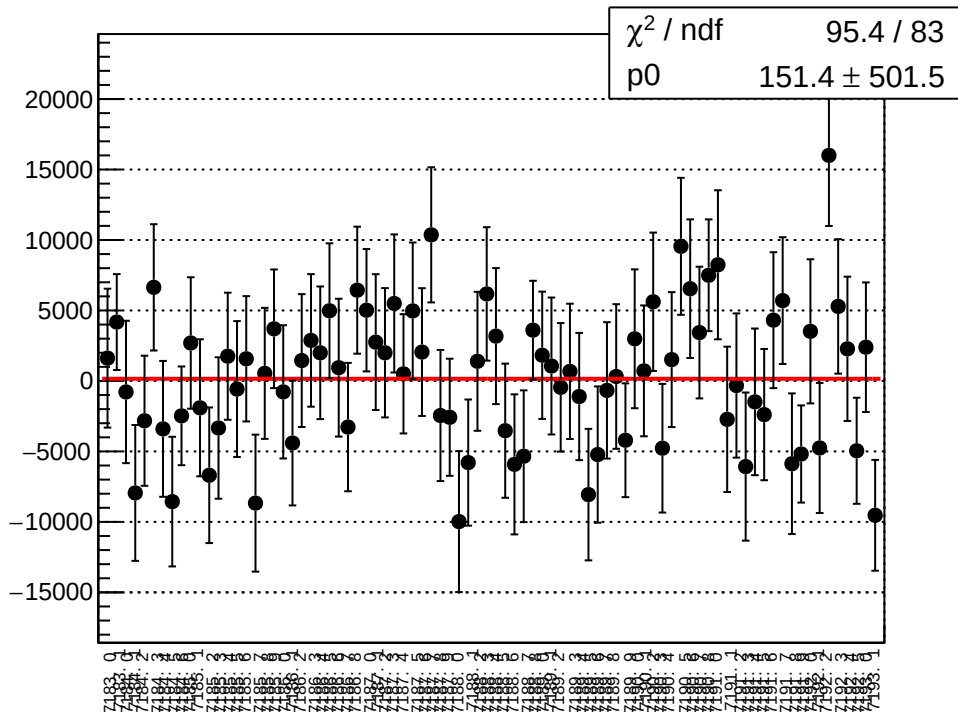


eigen_dit_asym_sam_37_avg_rms vs run

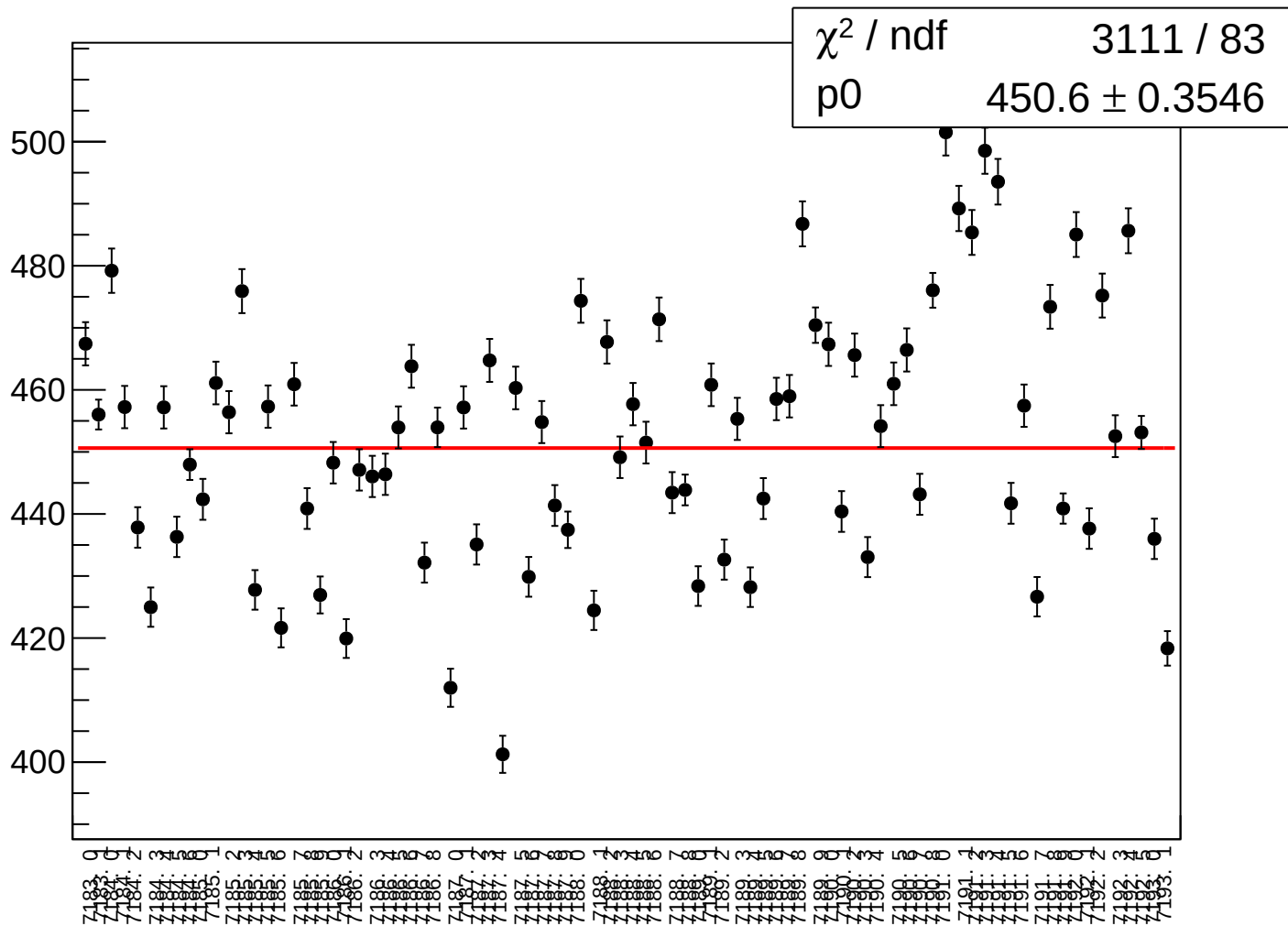
χ^2 / ndf 2.137e+04 / 83
p0 61.51 ± 0.04868



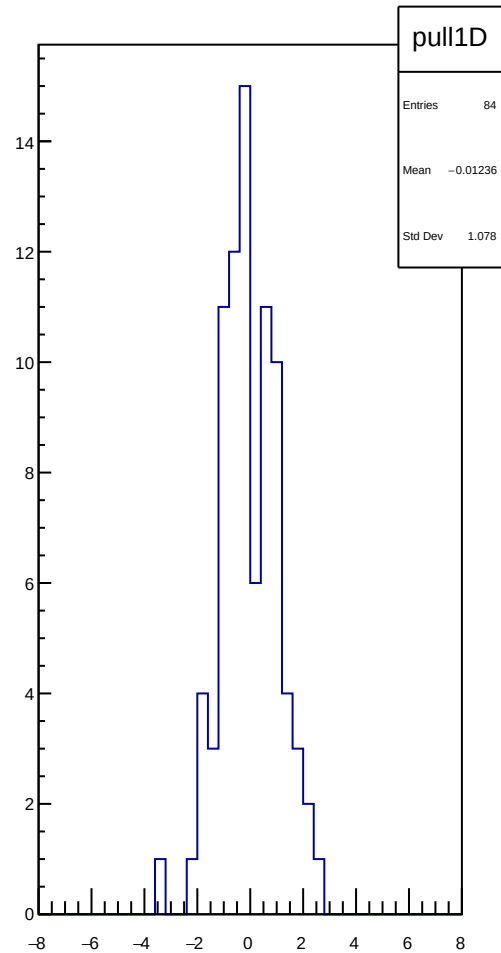
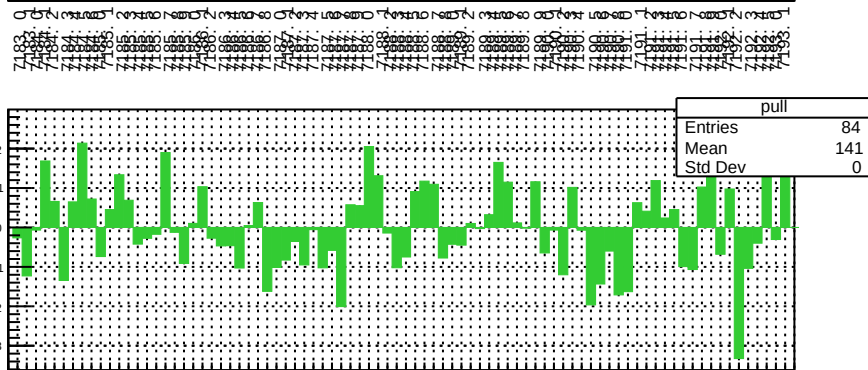
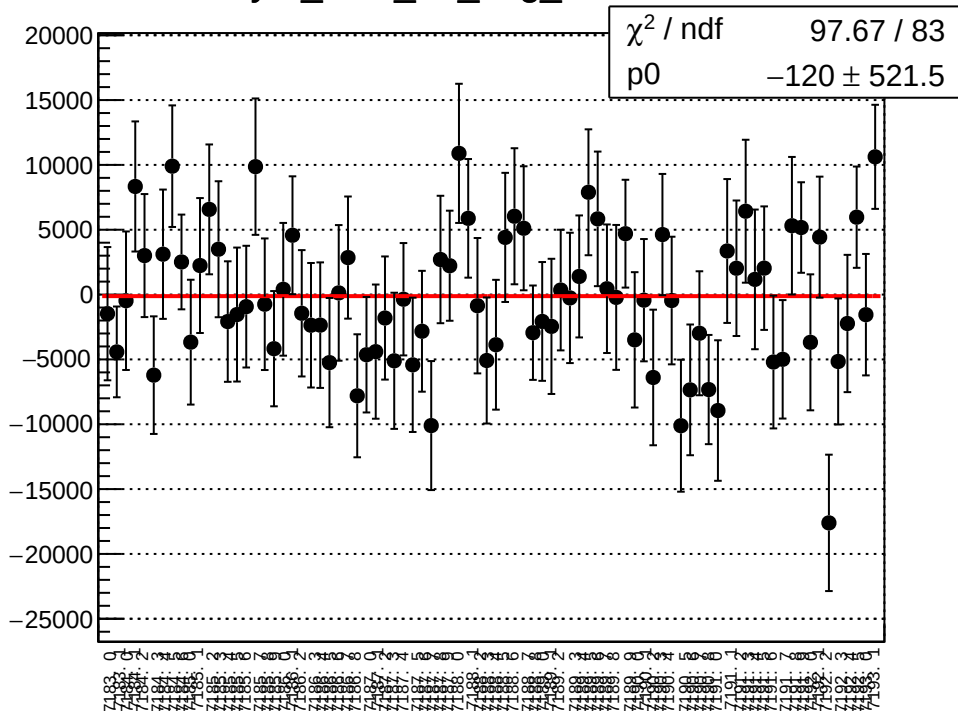
asym_sam_37_avg_eigen_dit_correction_mean vs run



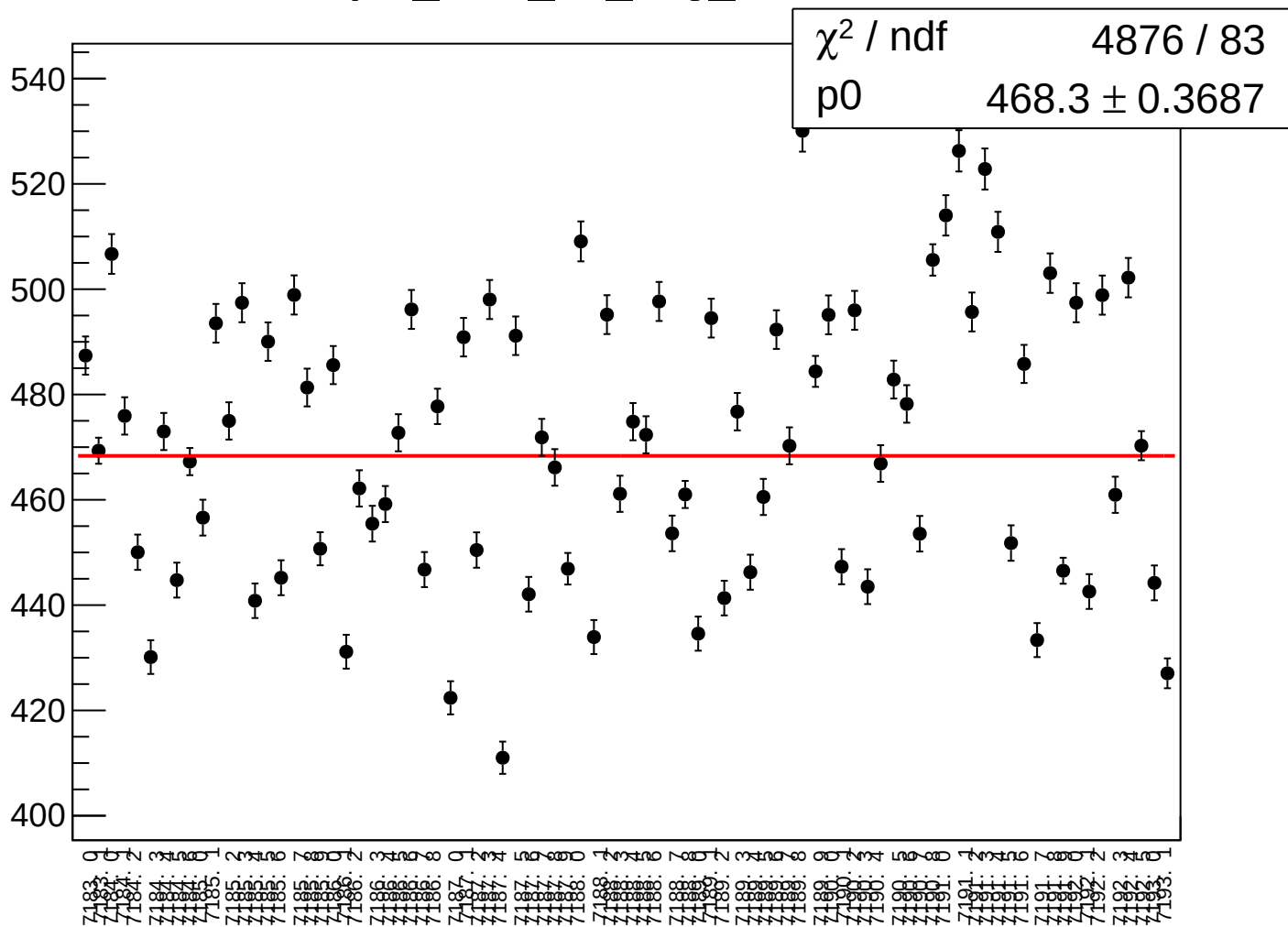
asym_sam_37_avg_eigen_dit_correction_rms vs run



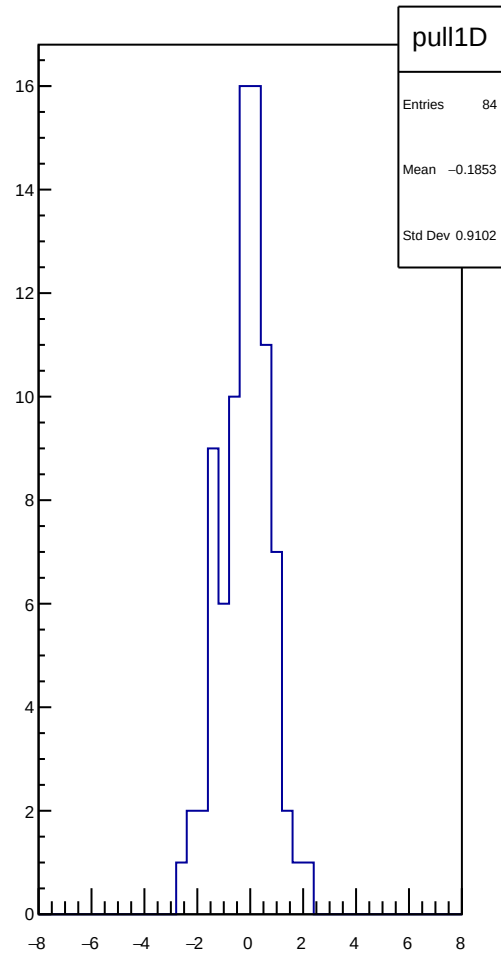
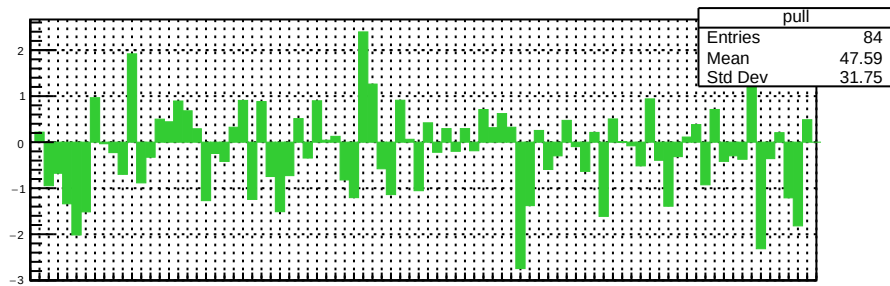
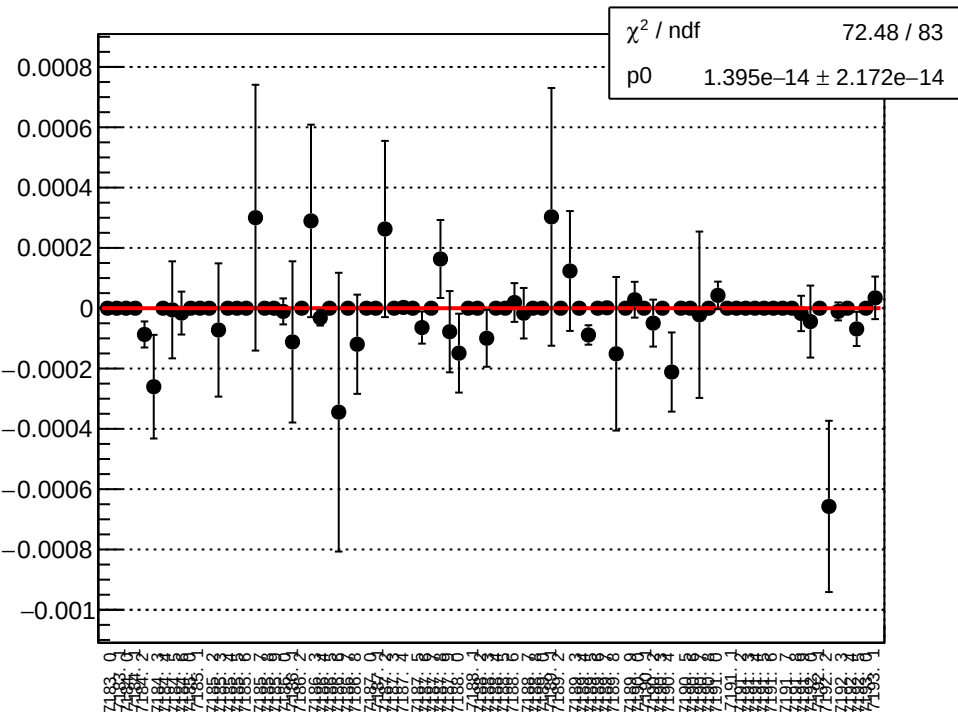
asym_sam_37_avg_mean vs run



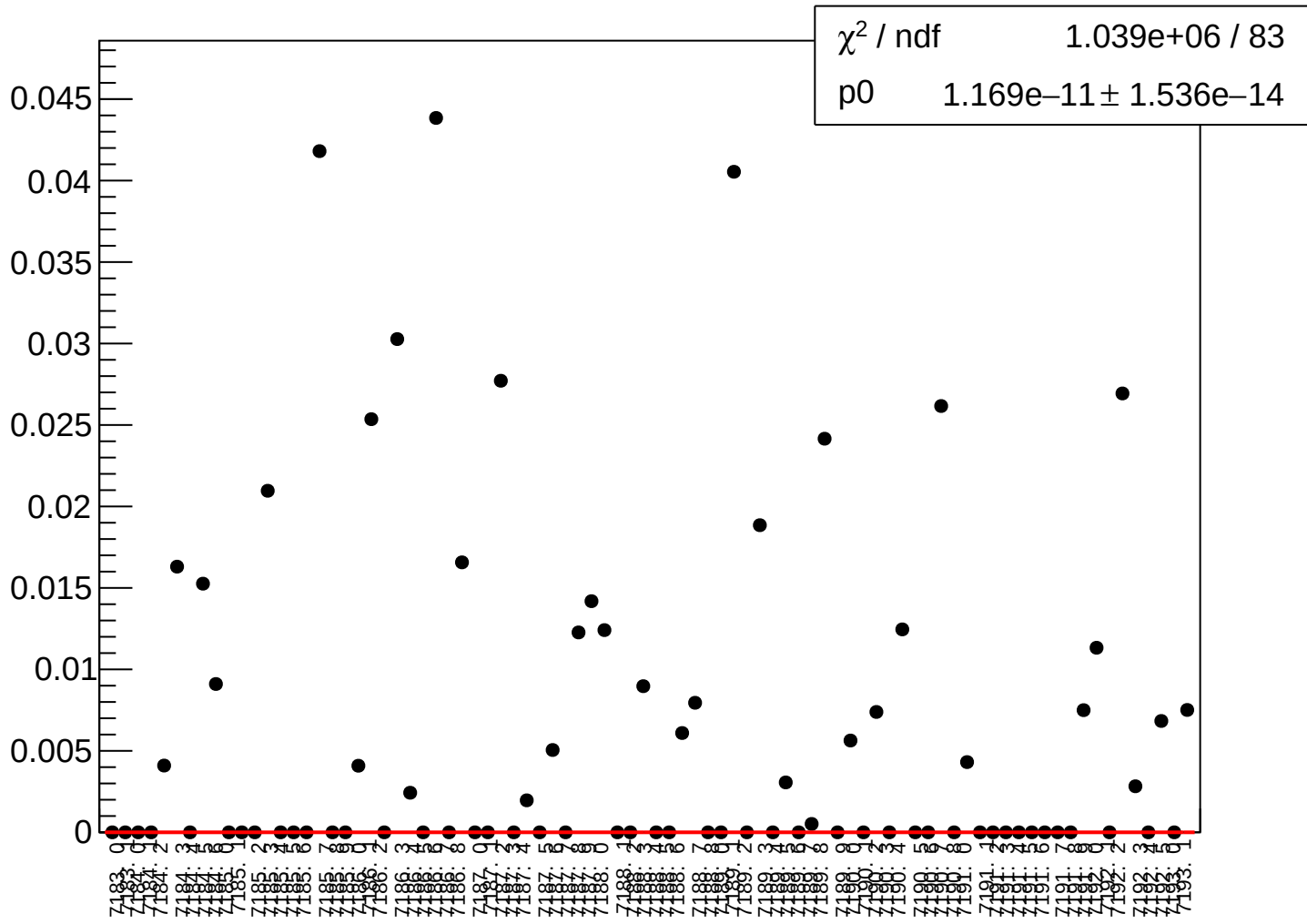
asym_sam_37_avg_rms vs run



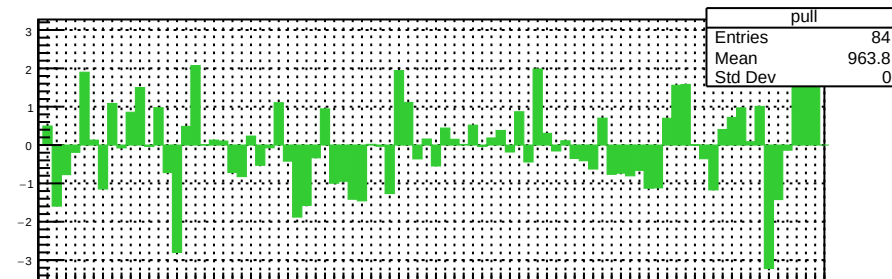
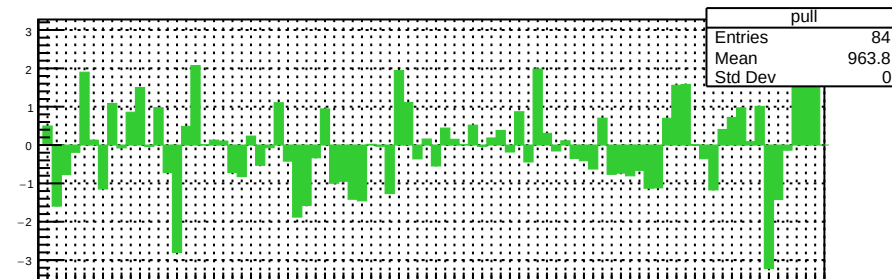
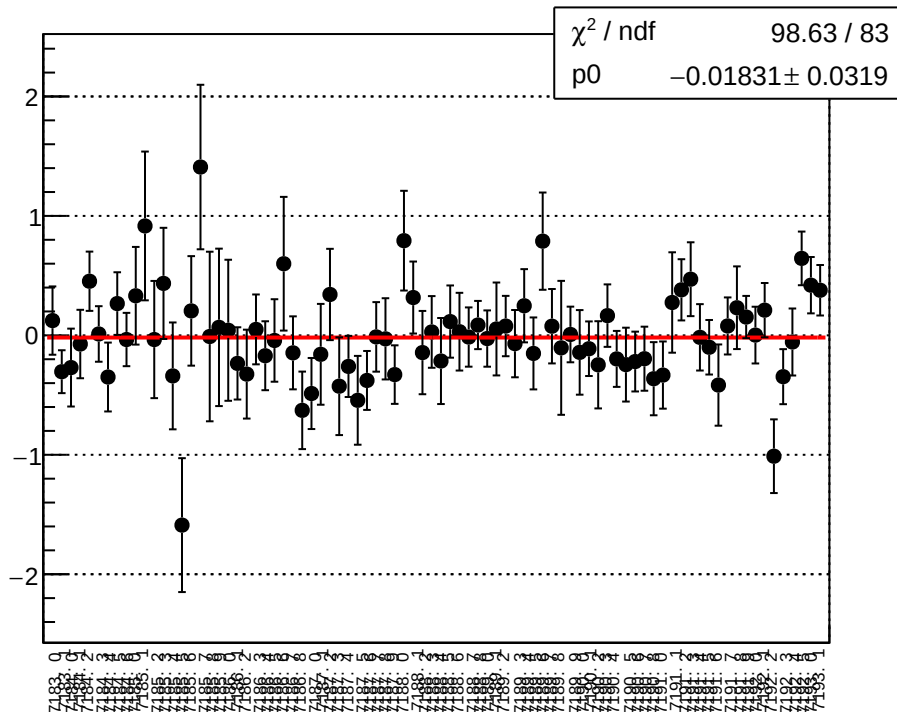
asym_sam_37_avg_reg_vs_cor_diff_mean vs run



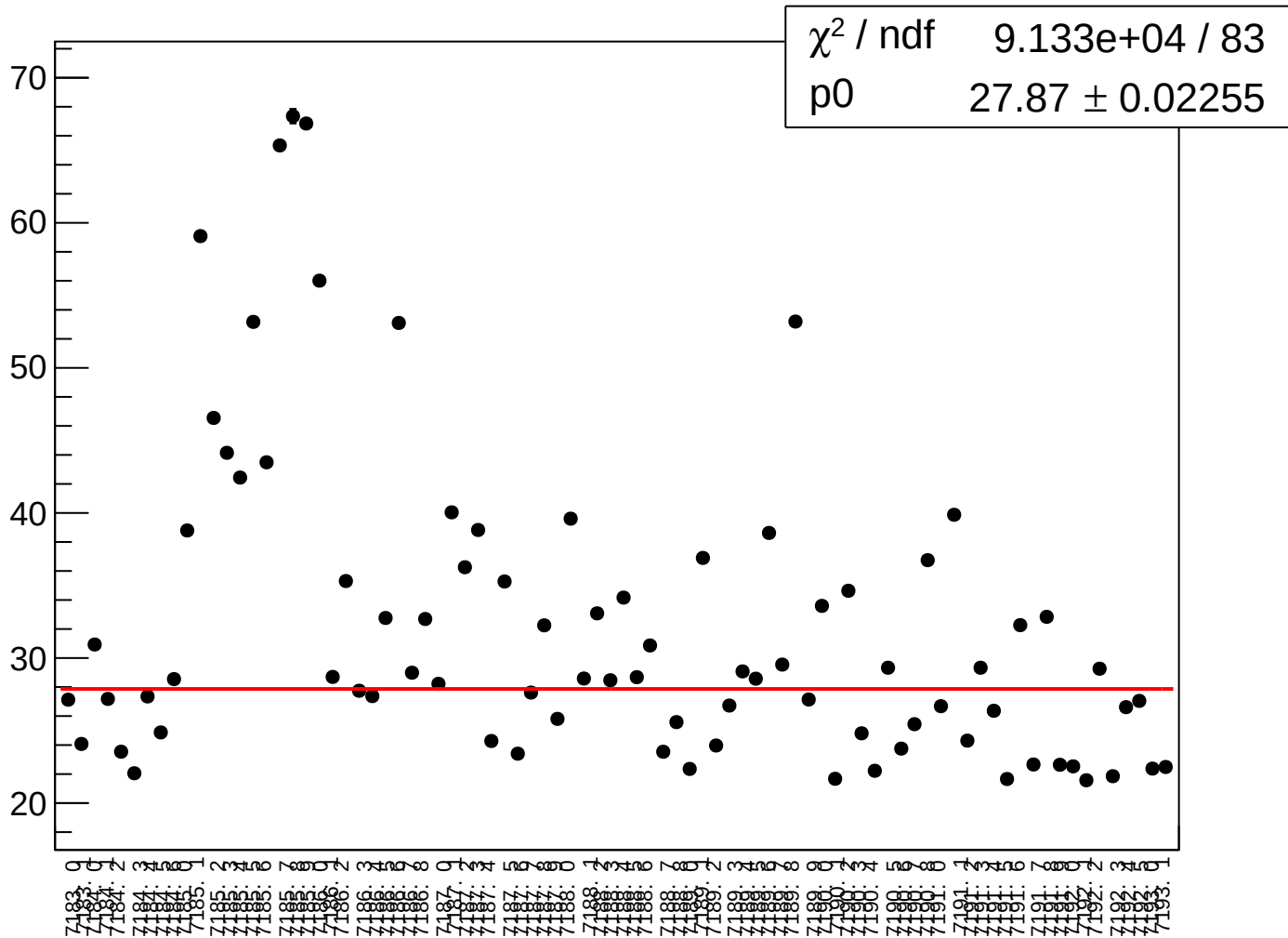
asym_sam_37_avg_reg_vs_cor_diff_rms vs run



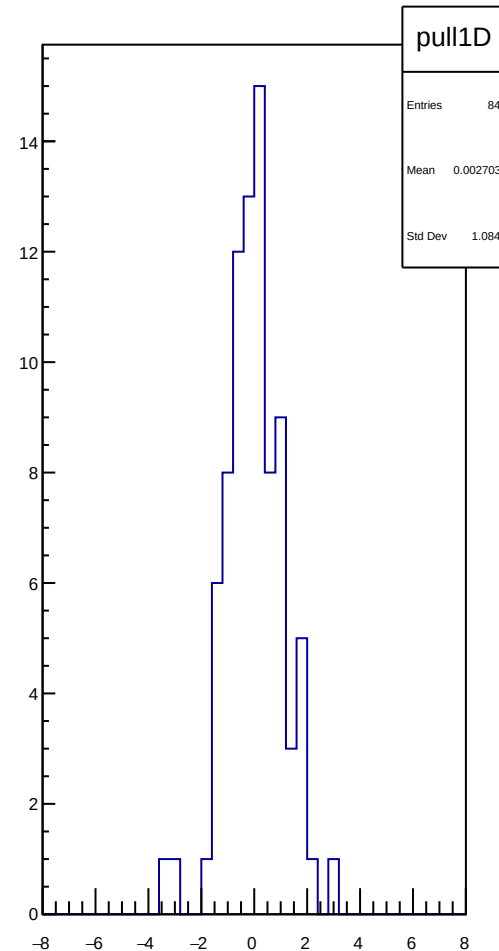
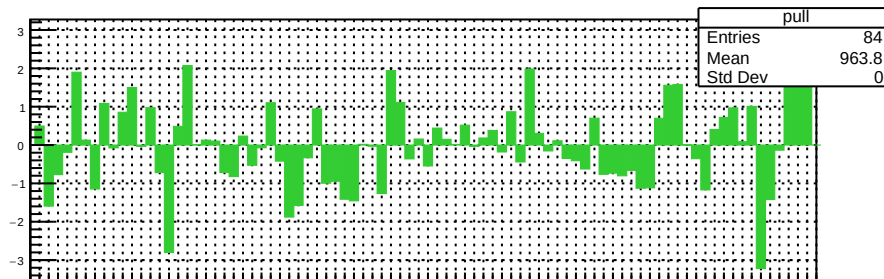
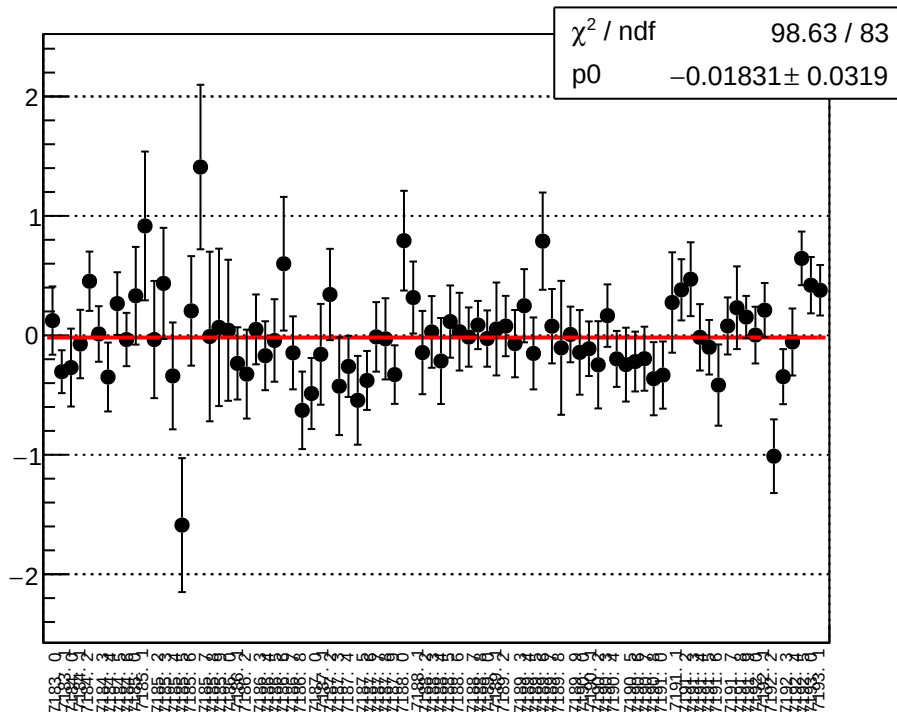
asym_sam_37_avg_dit_vs_cor_diff_mean vs run



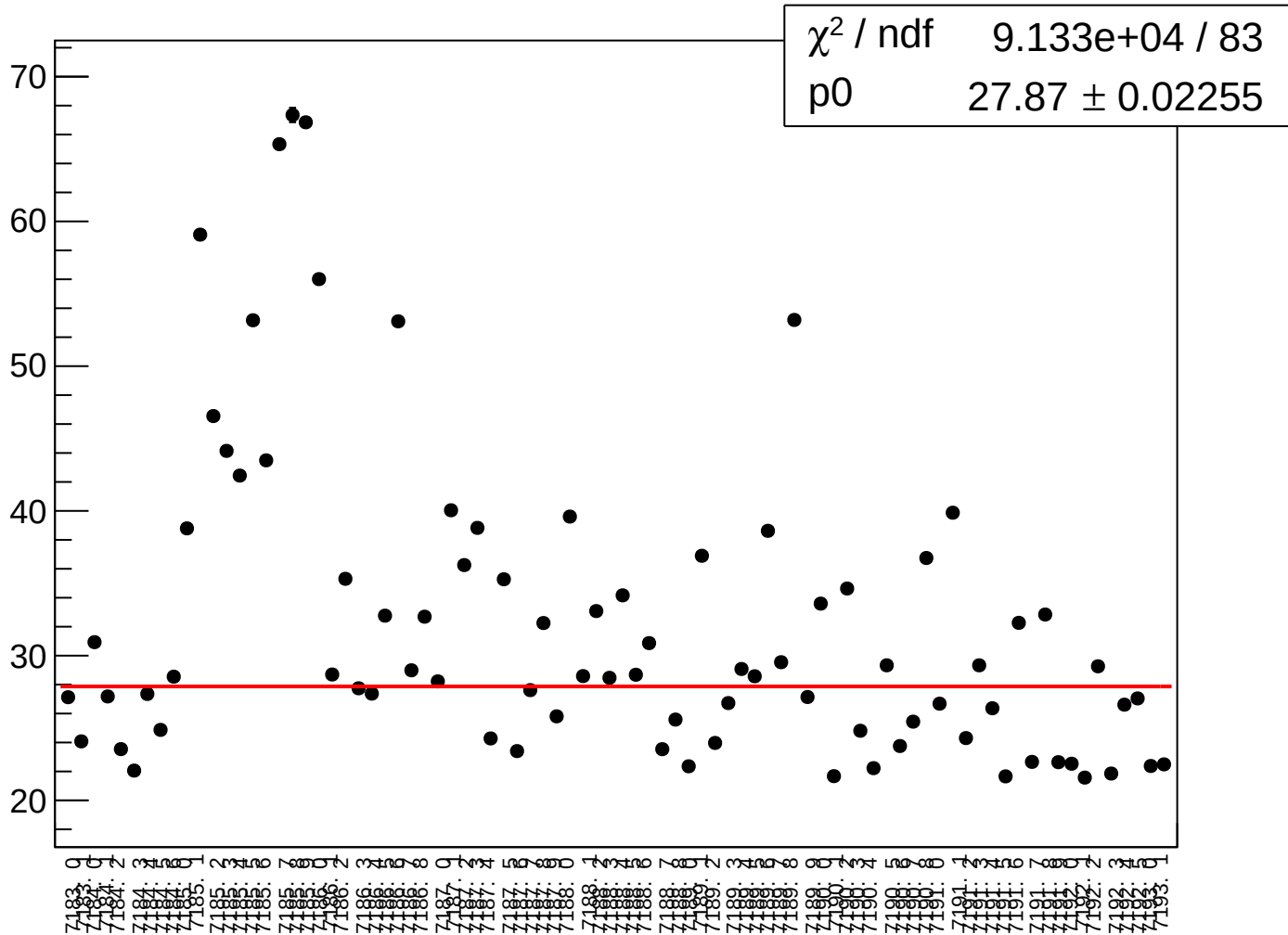
asym_sam_37_avg_dit_vs_cor_diff_rms vs run



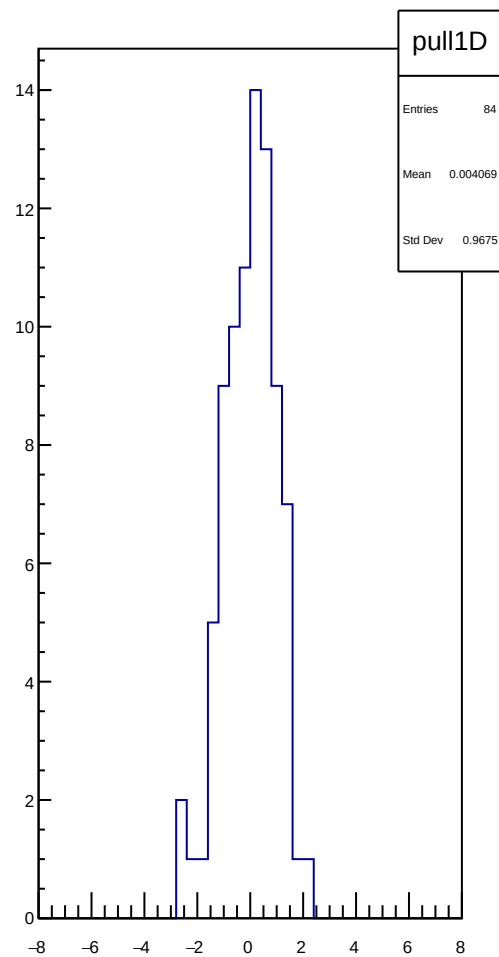
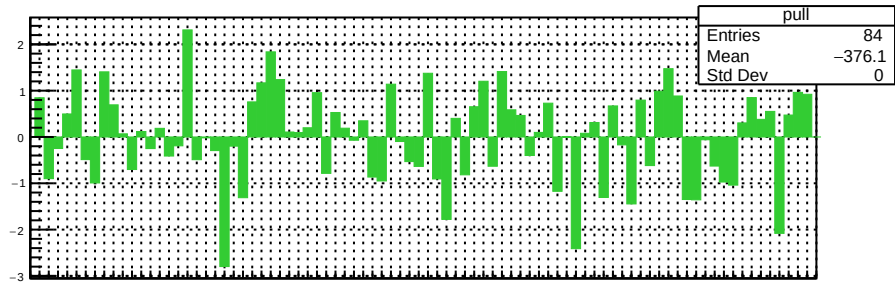
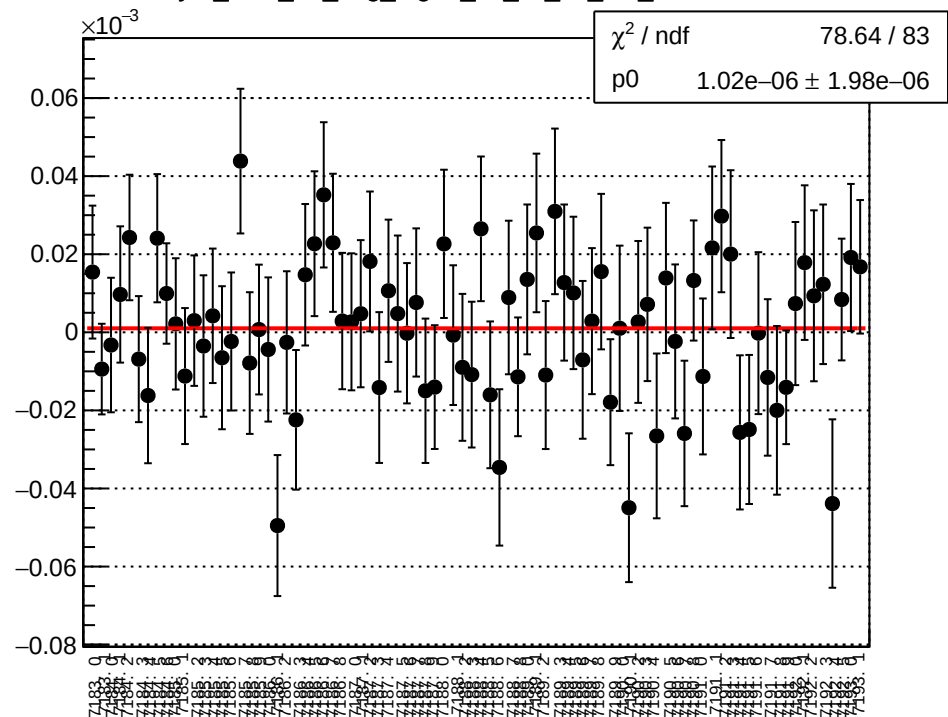
asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs run



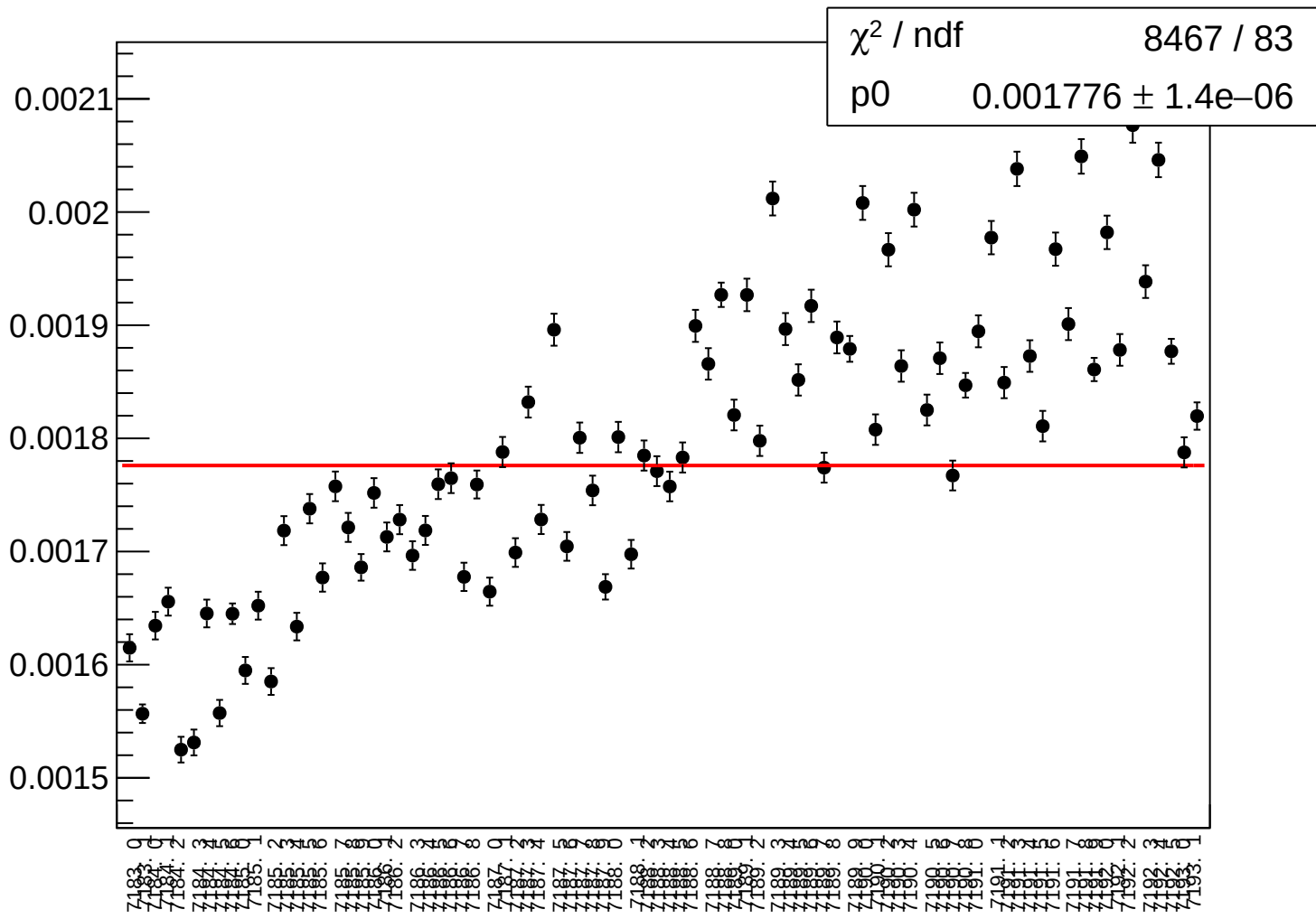
asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs run



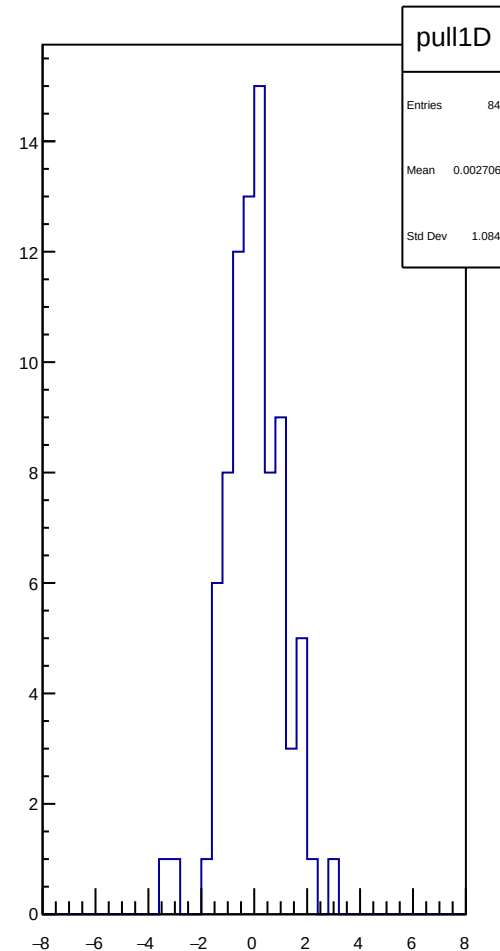
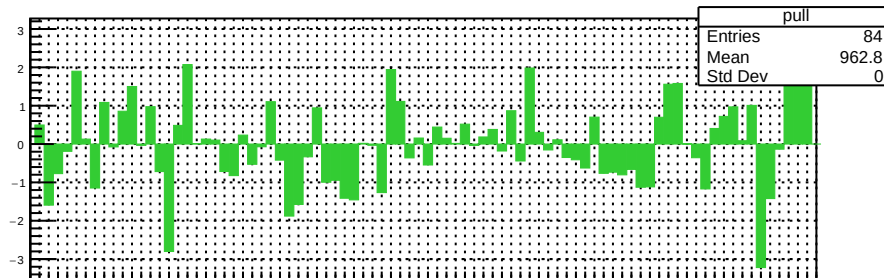
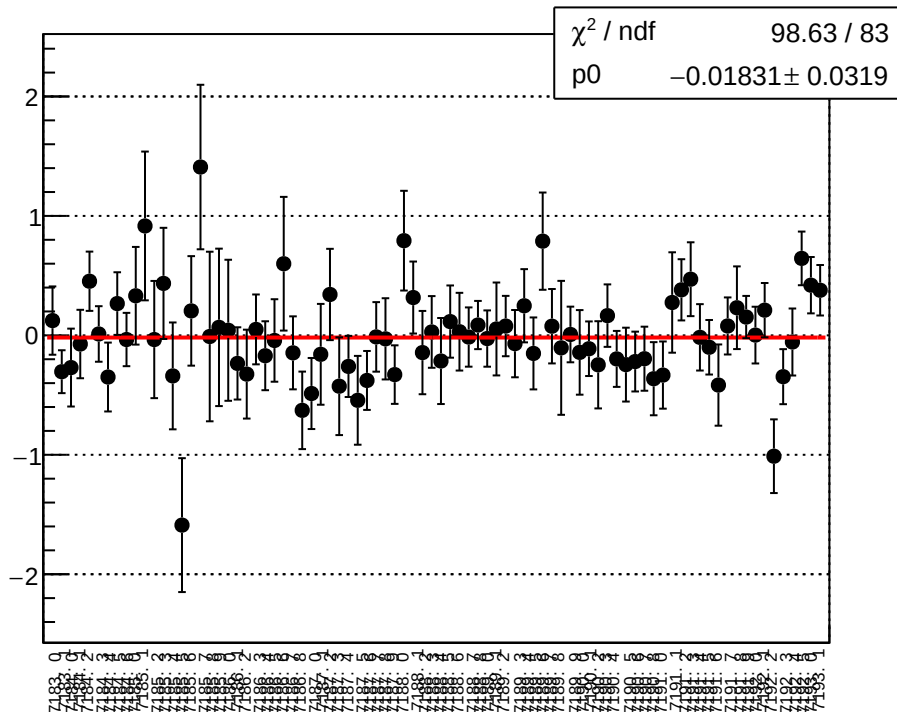
asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs run



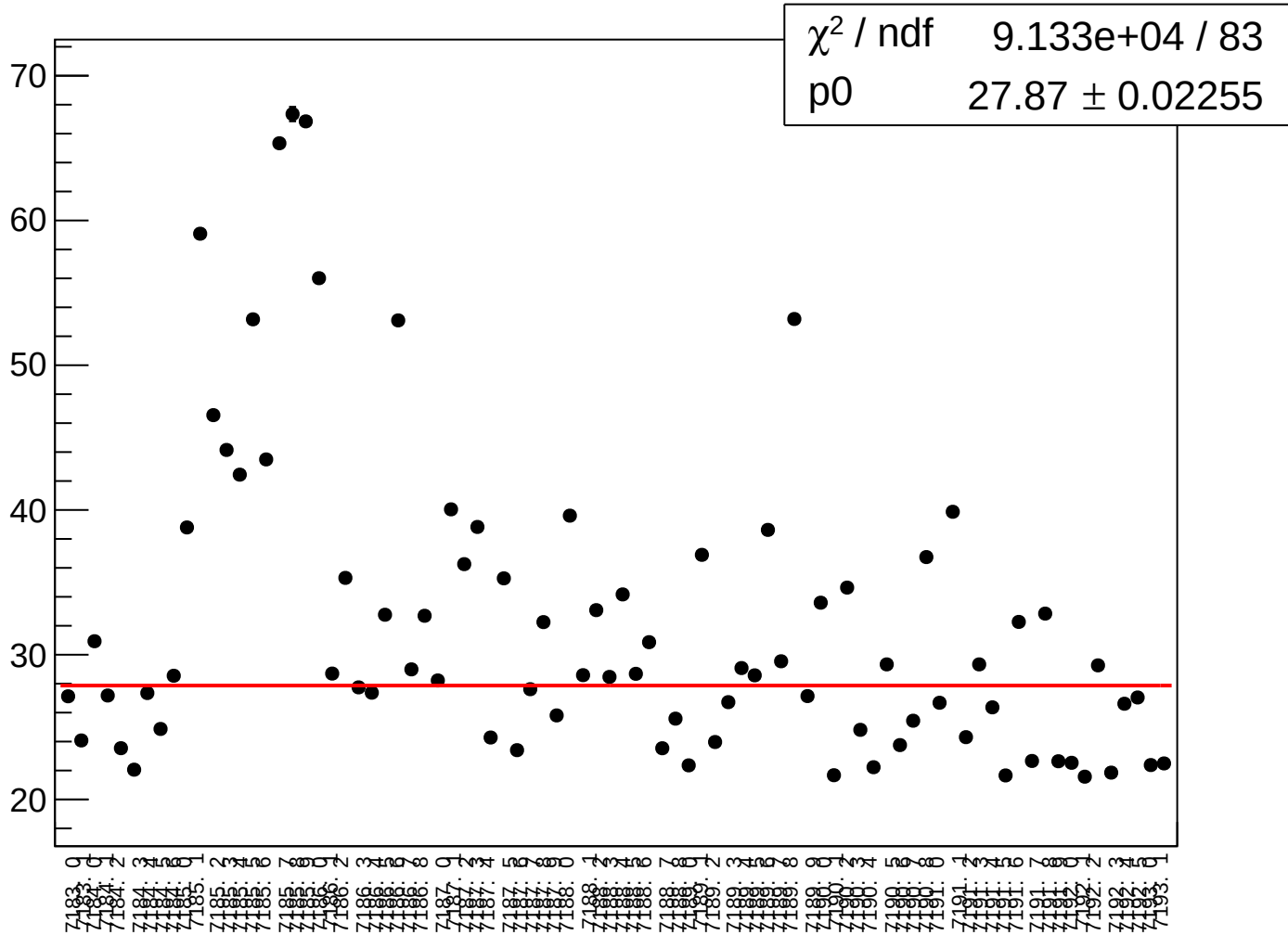
asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs run



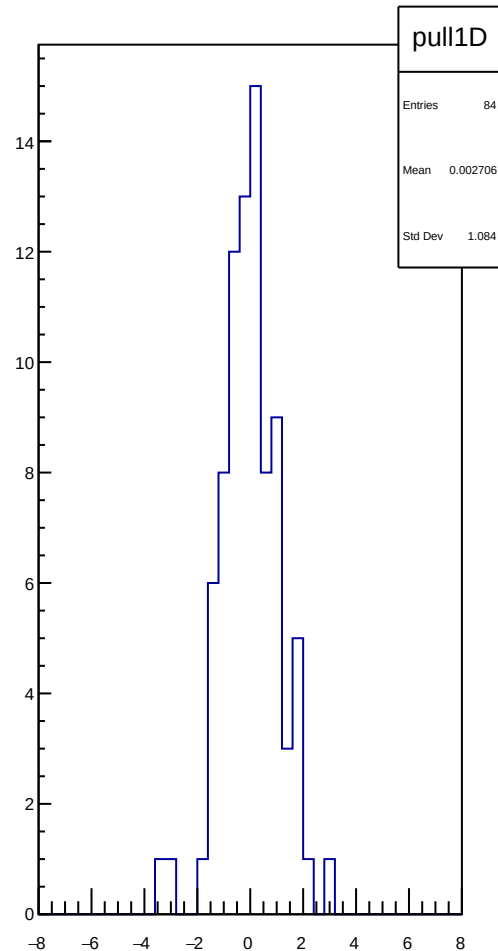
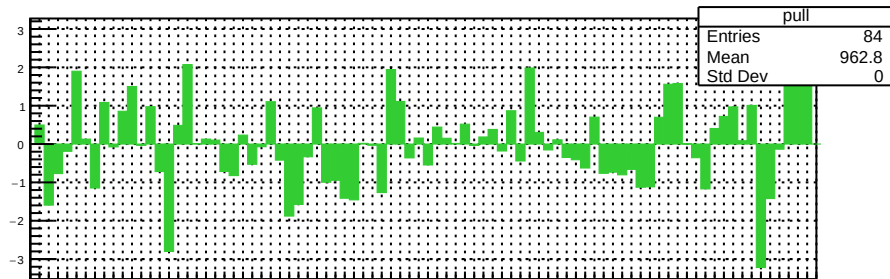
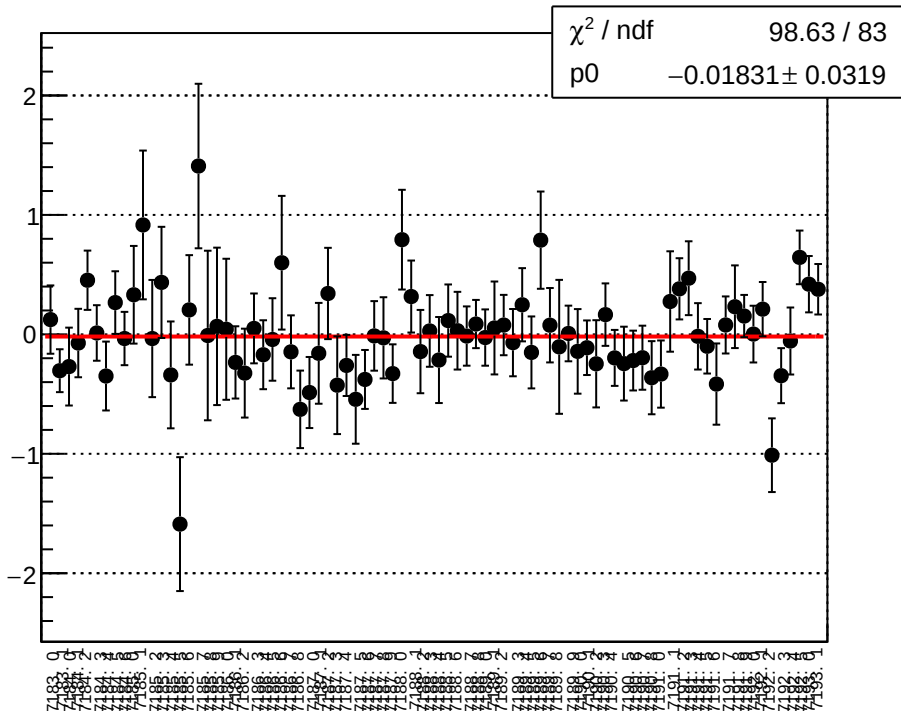
asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs run



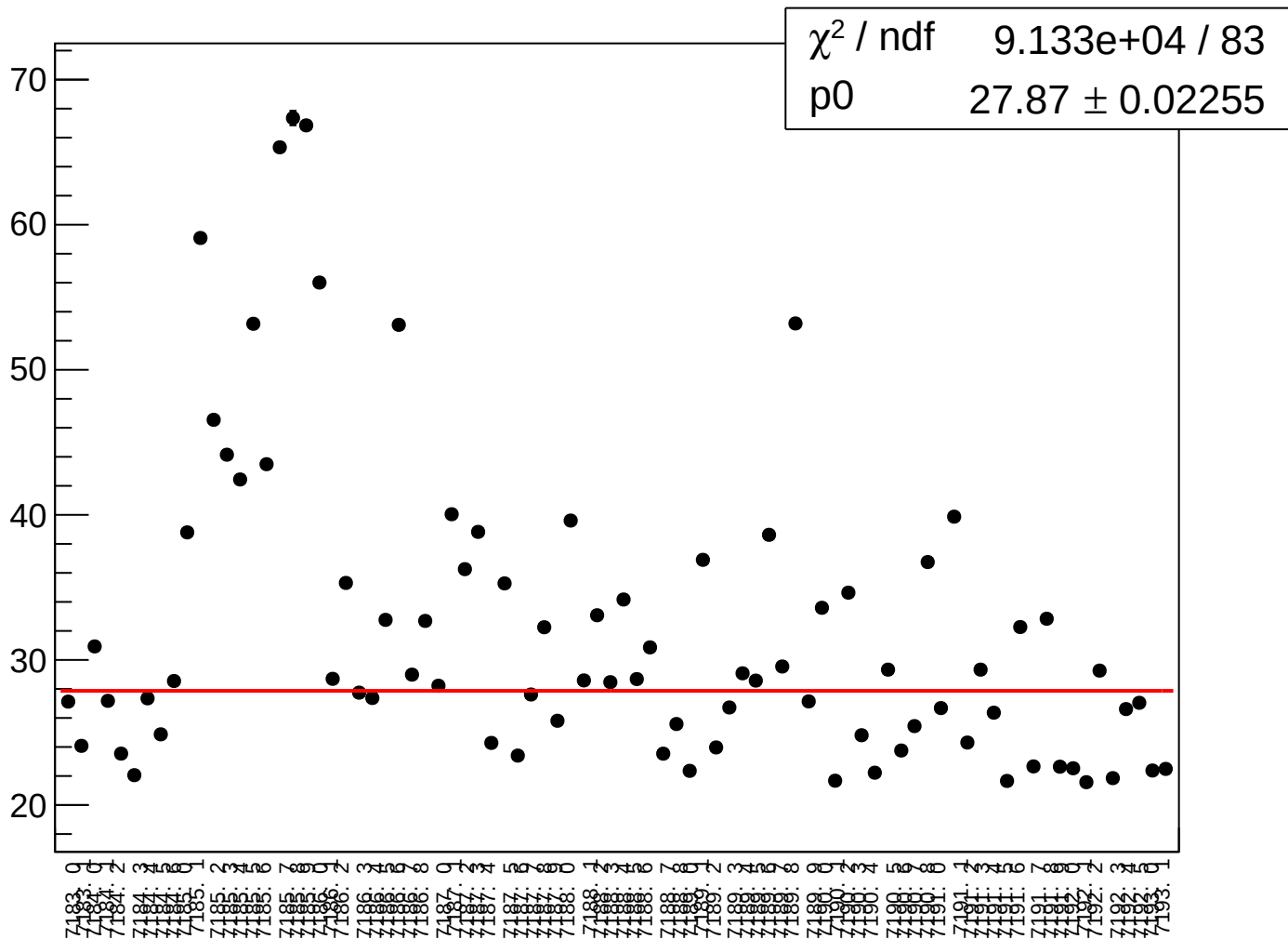
asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs run



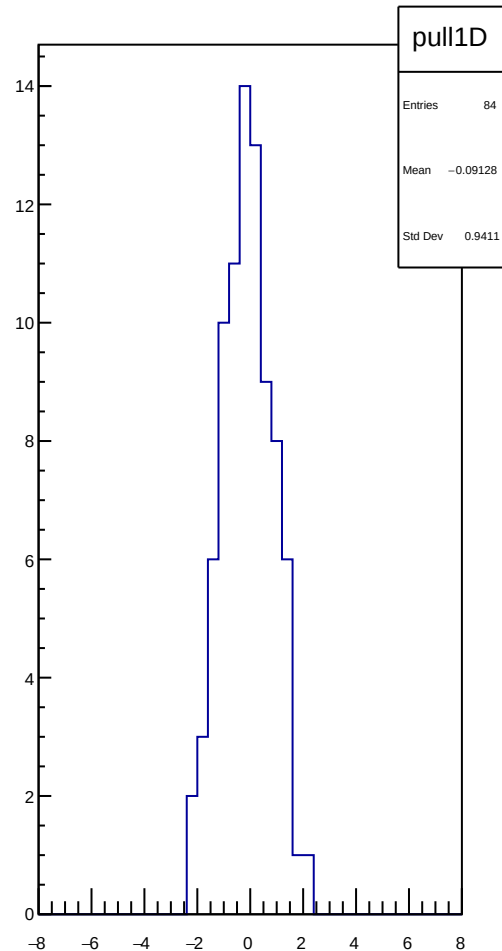
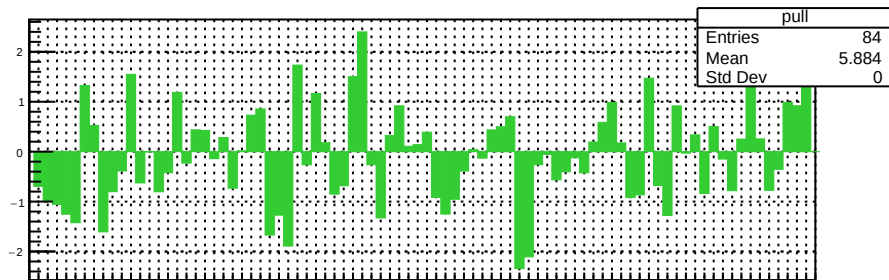
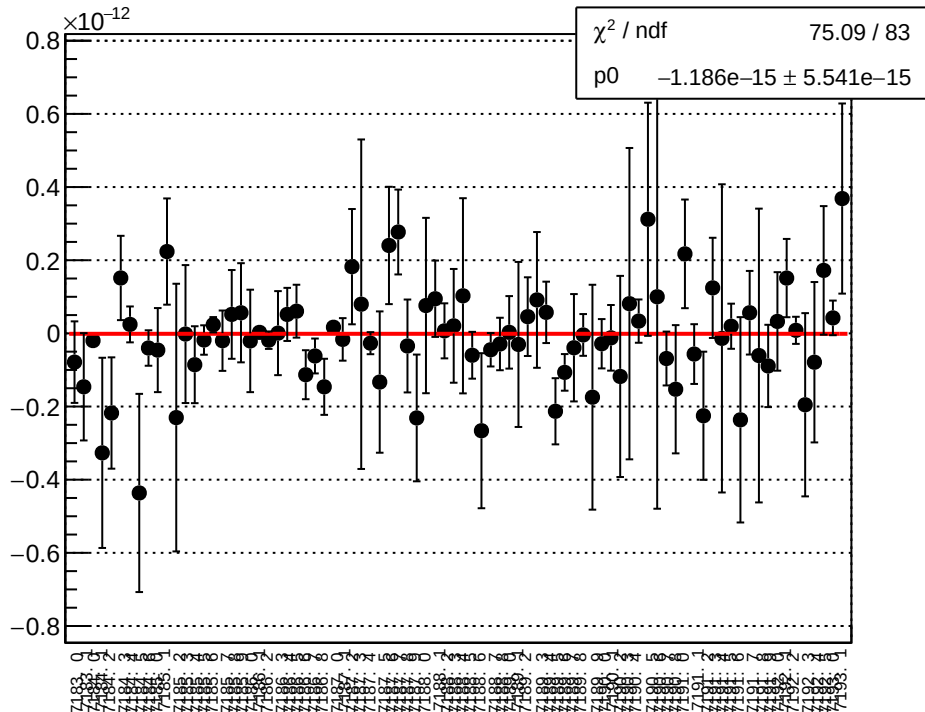
asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



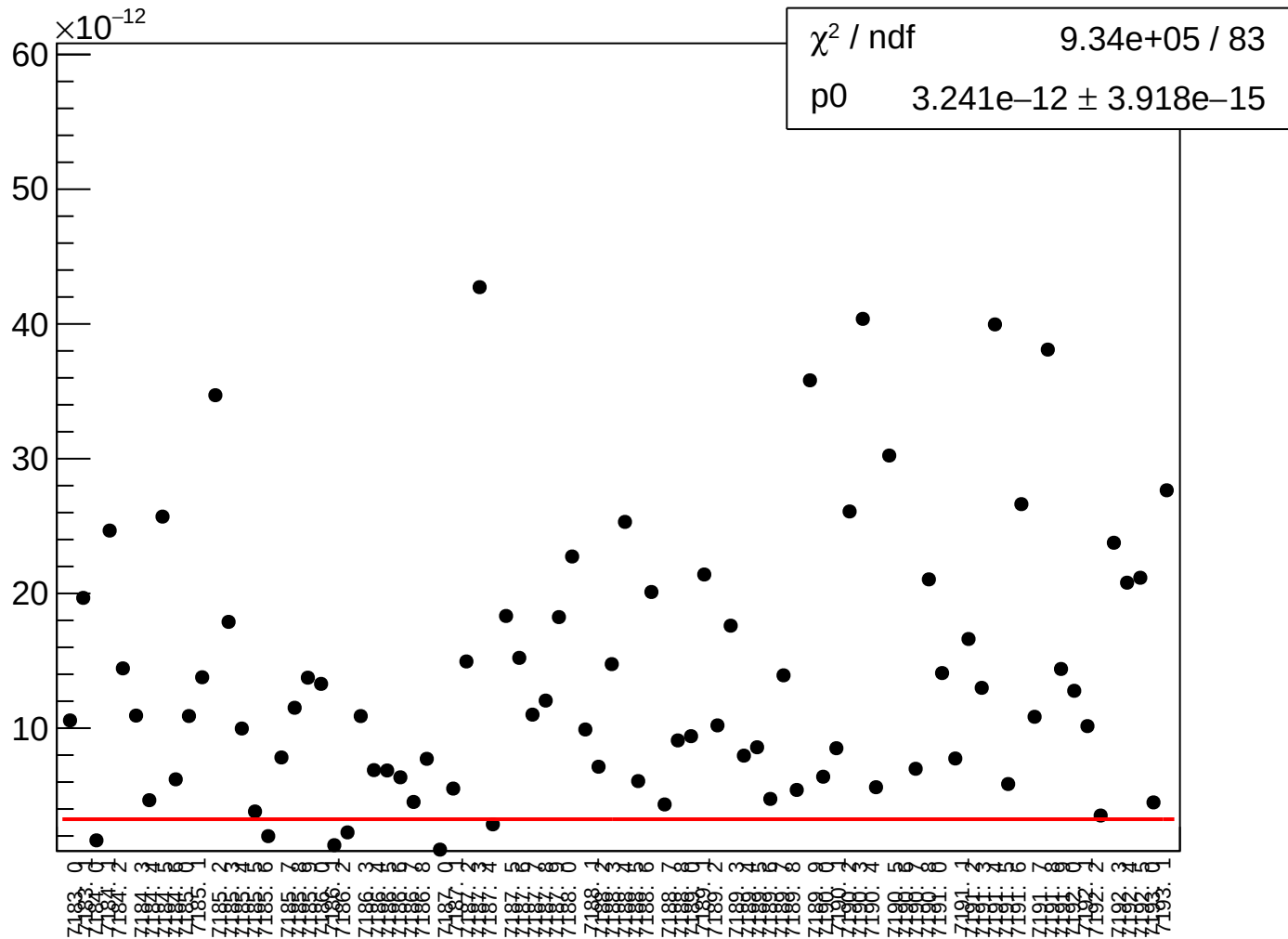
asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



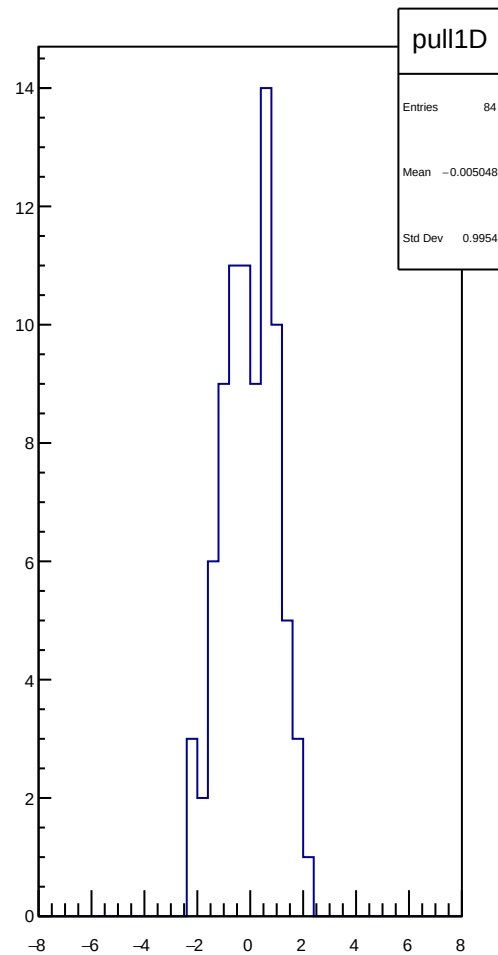
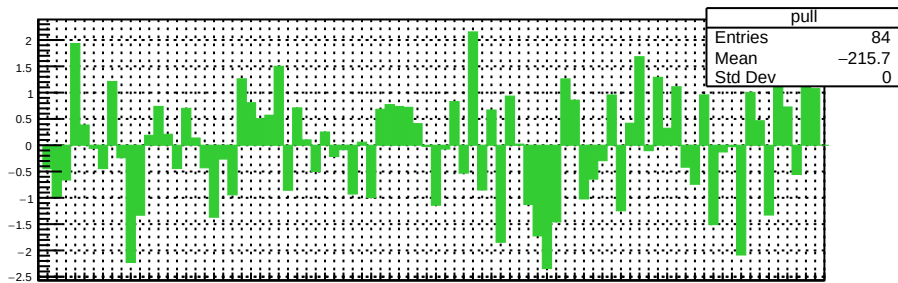
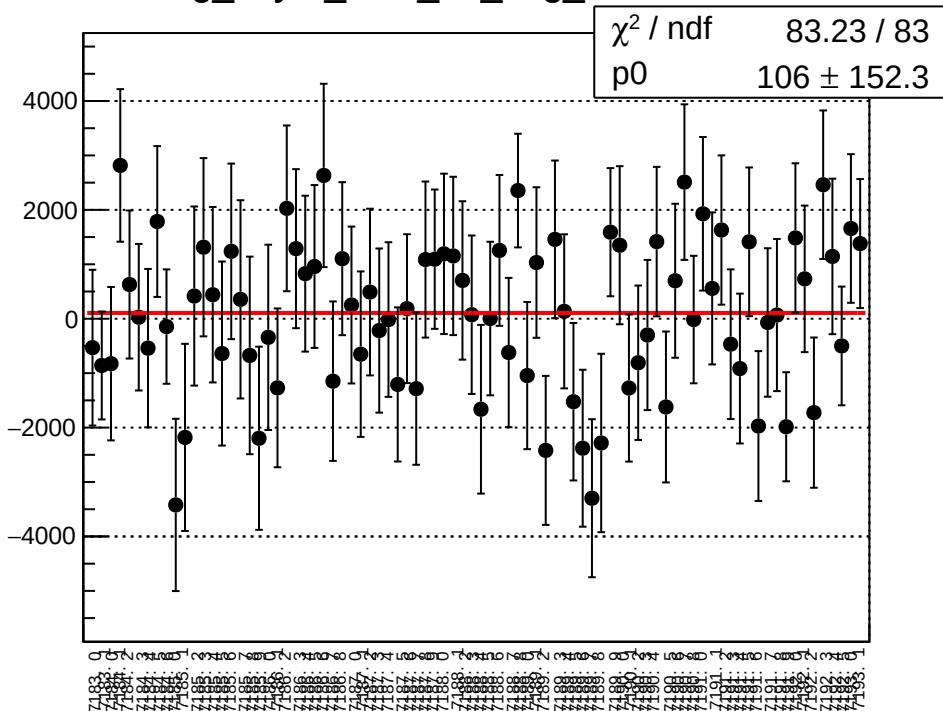
asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs run



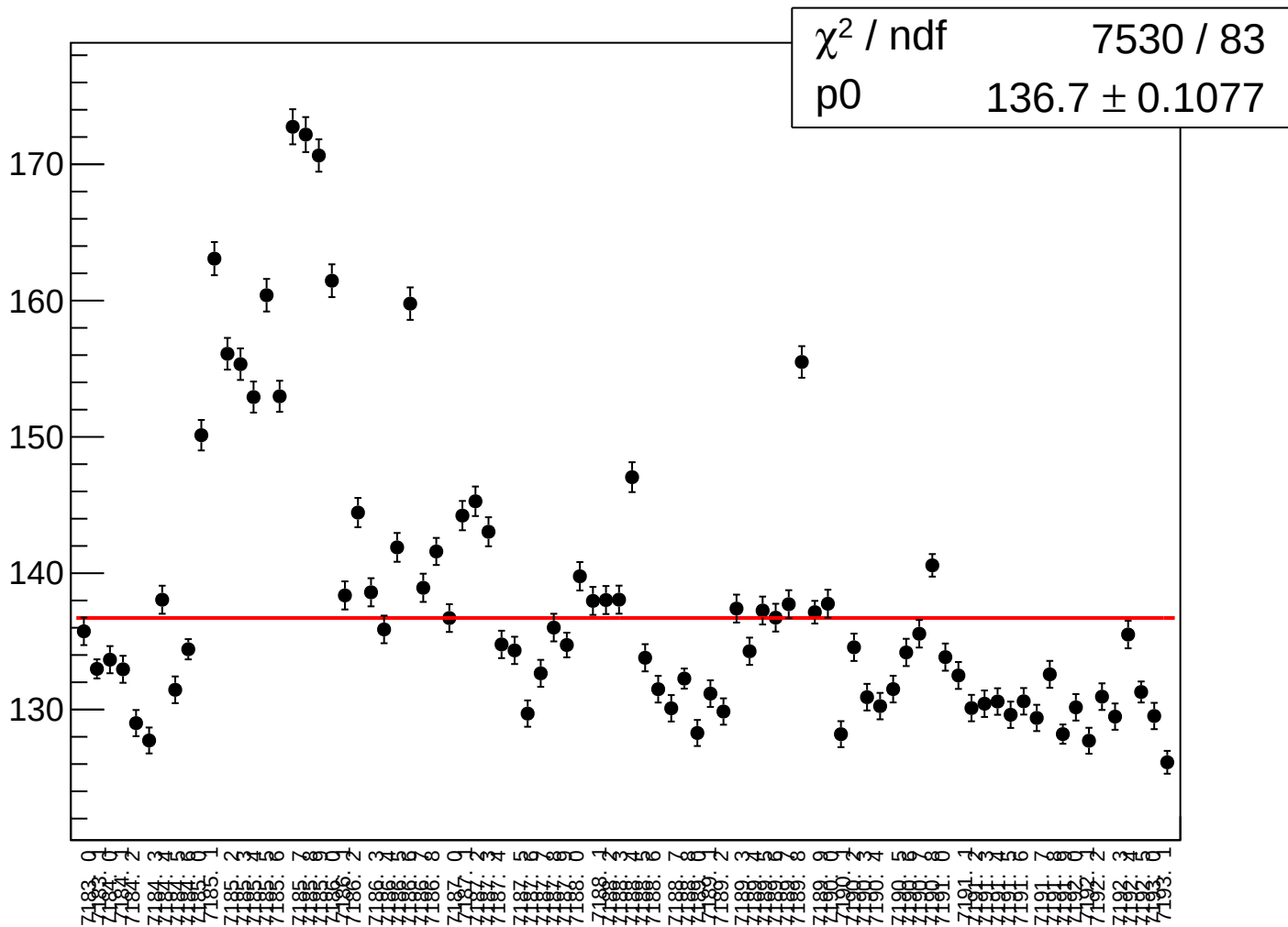
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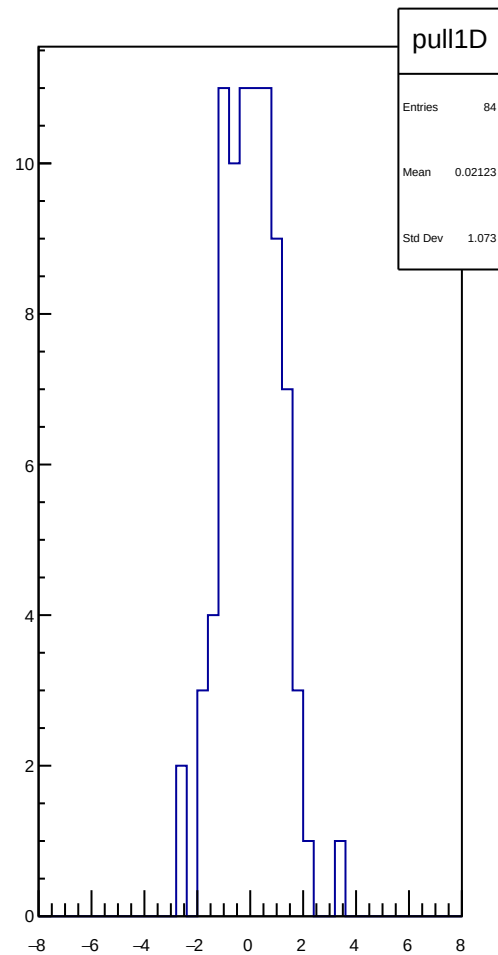
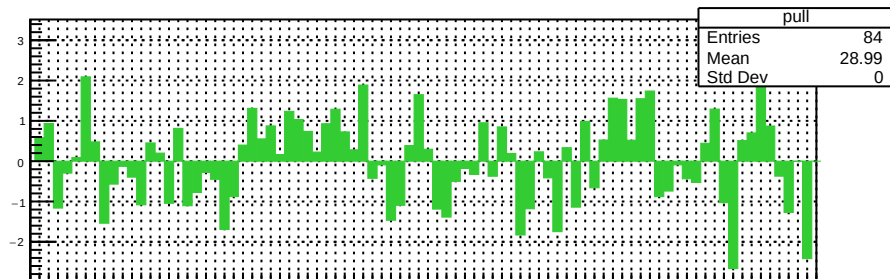
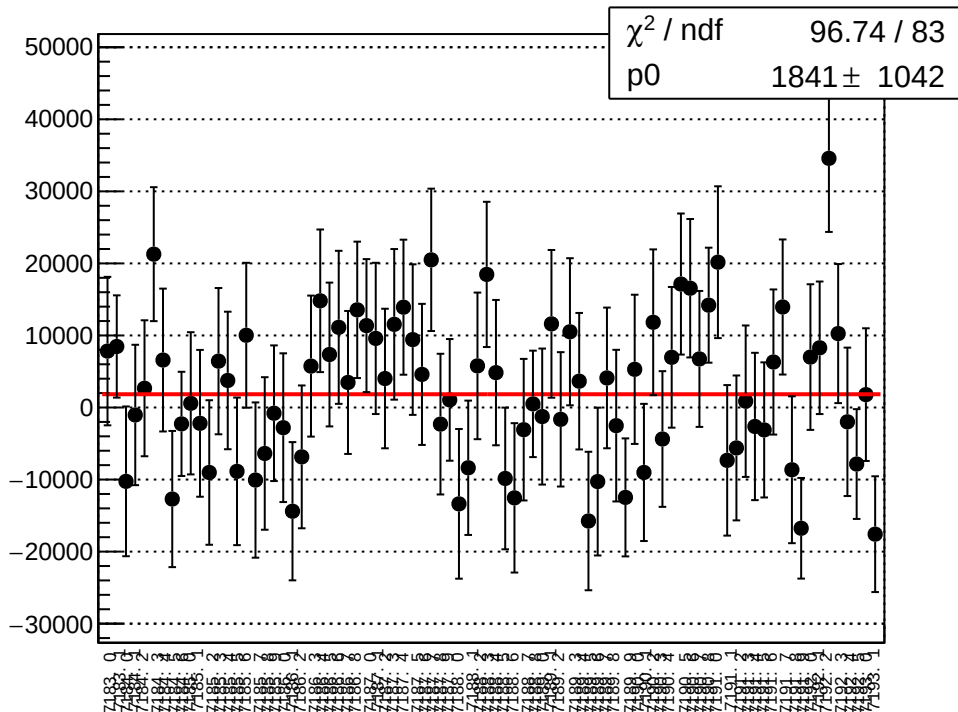
reg_asym_sam_48_avg_mean vs run



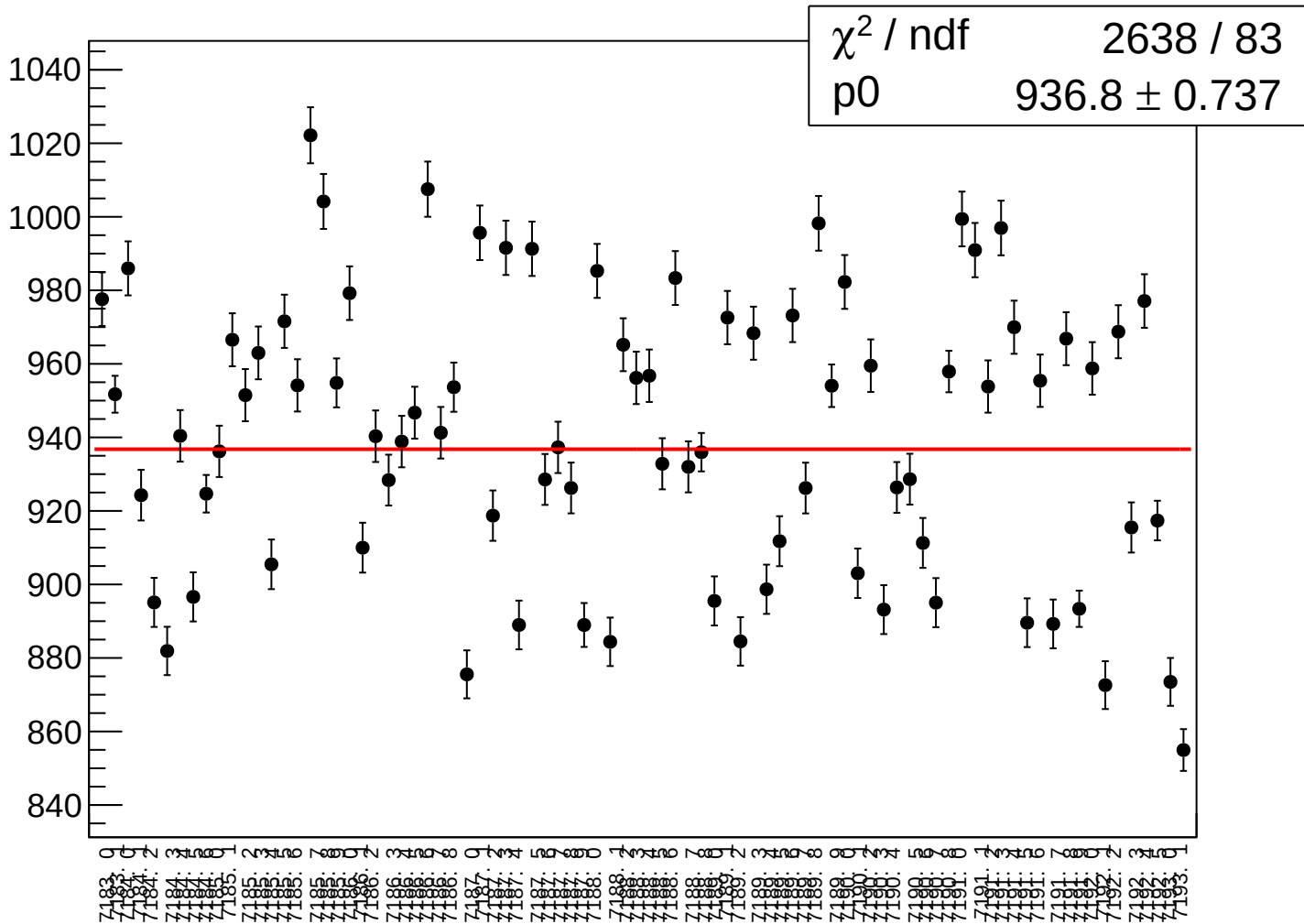
reg_asym_sam_48_avg_rms vs run



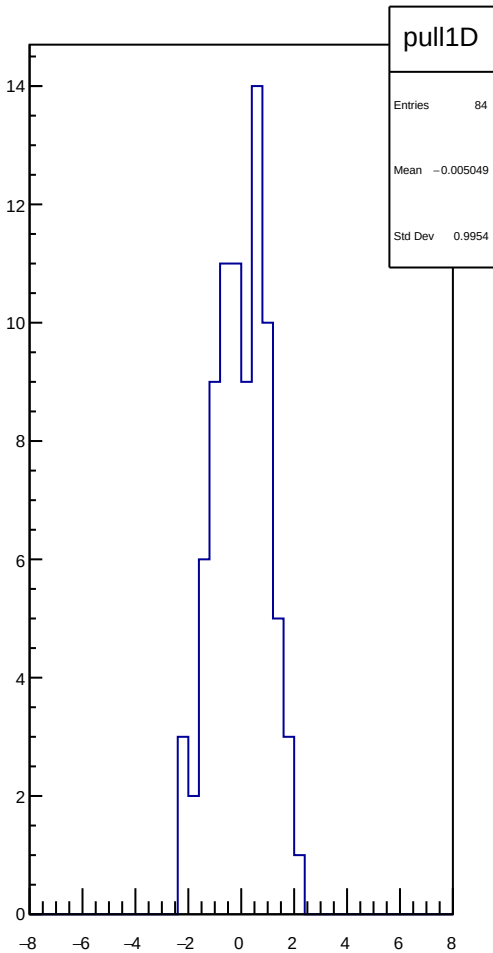
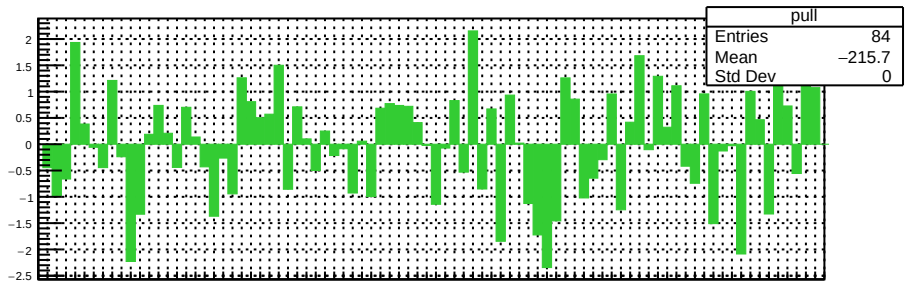
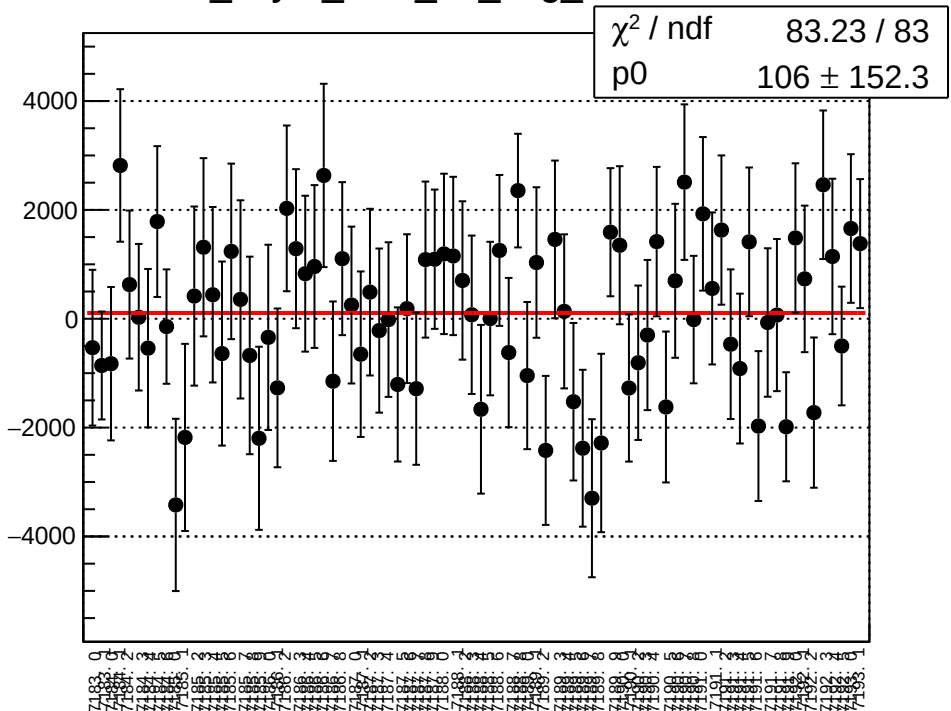
asym_sam_48_avg_reg_correction_mean vs run



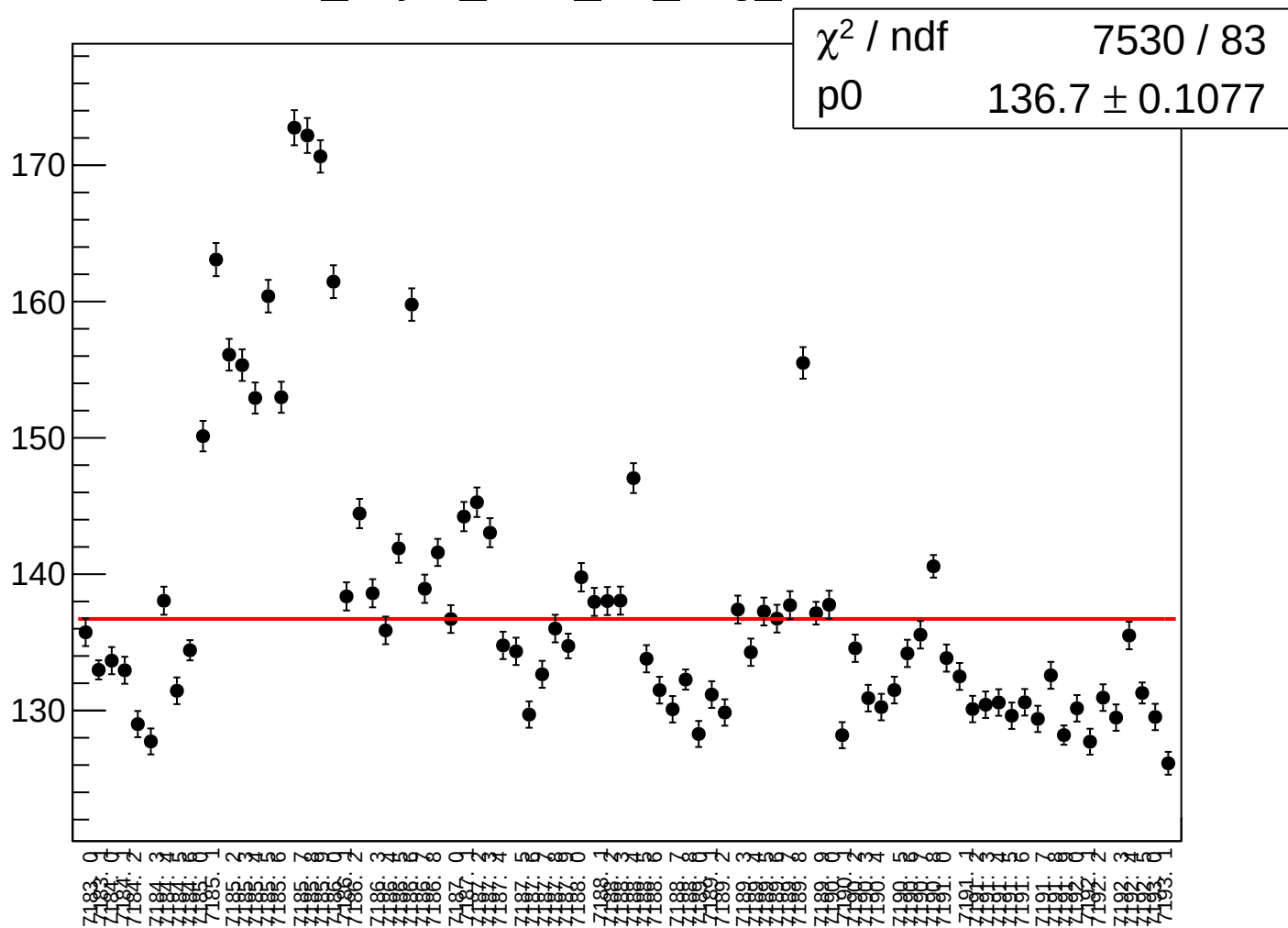
asym_sam_48_avg_reg_correction_rms vs run



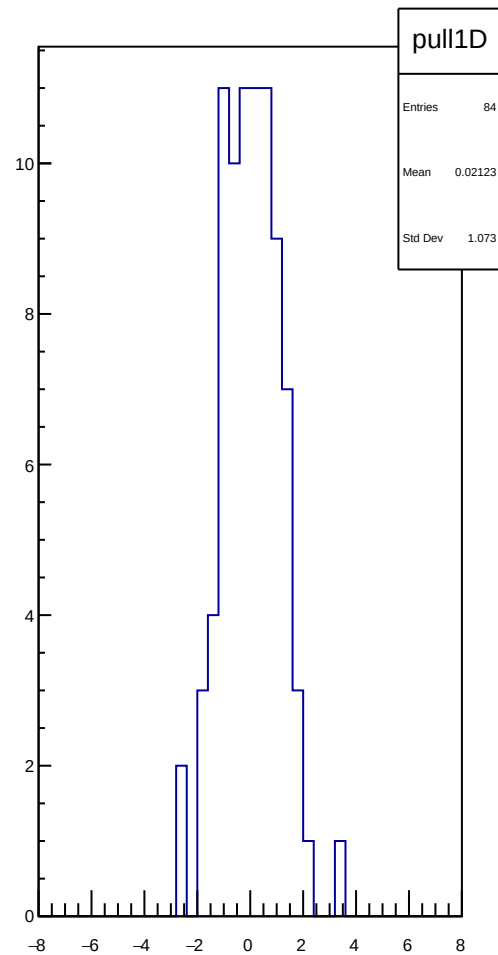
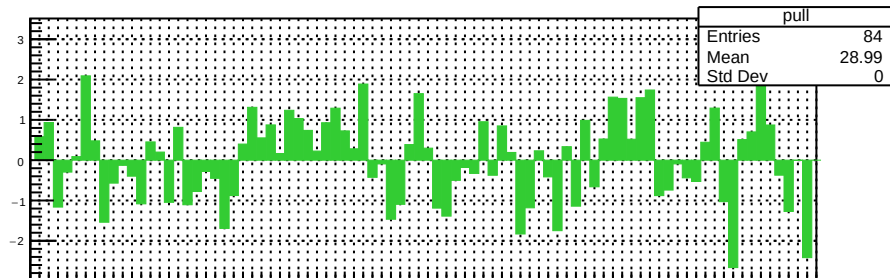
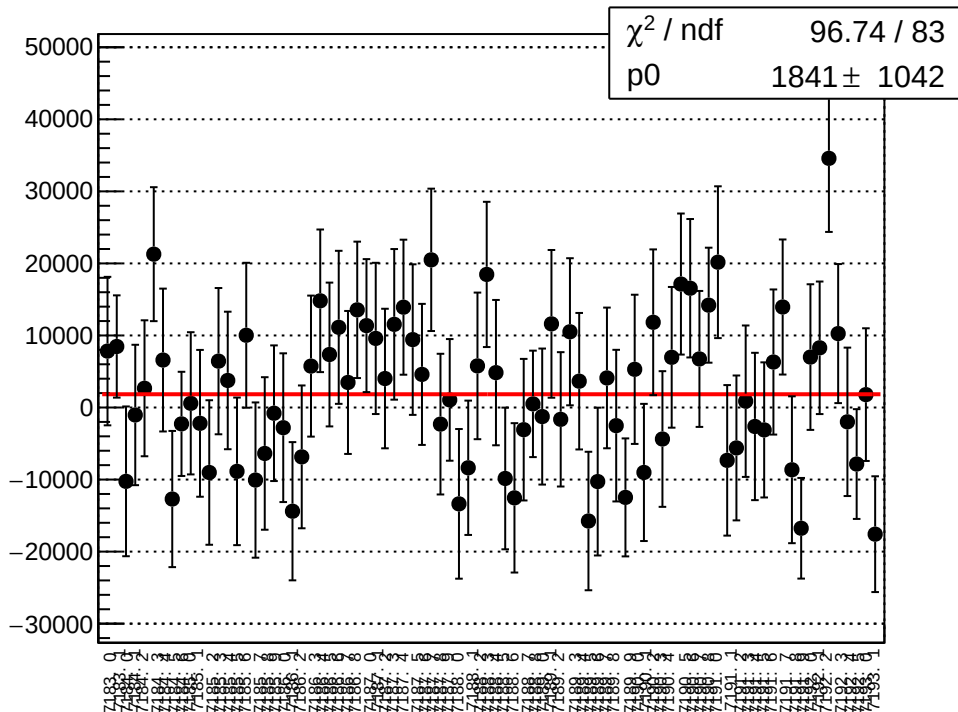
cor_asym_sam_48_avg_mean vs run



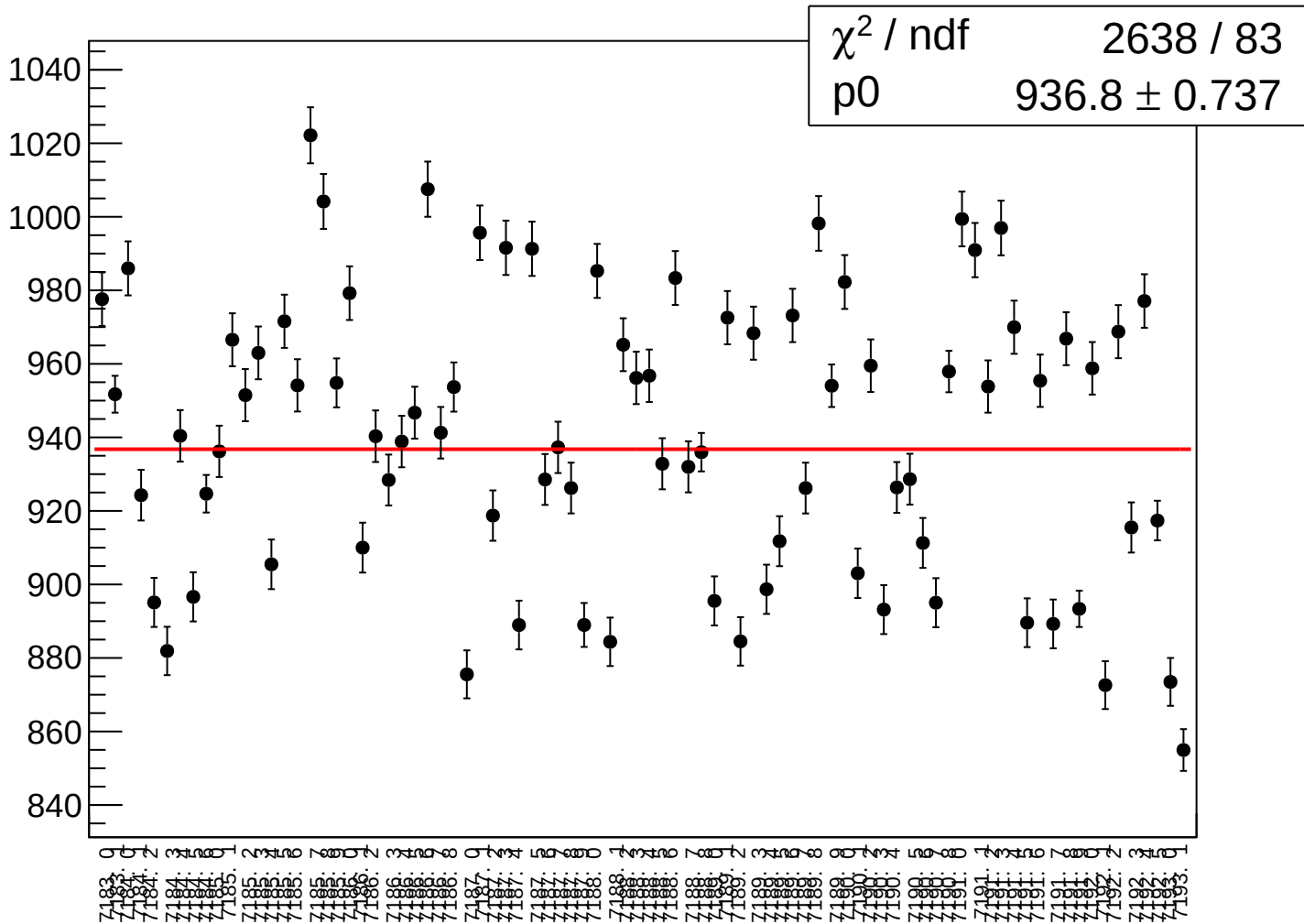
cor_asym_sam_48_avg_rms vs run



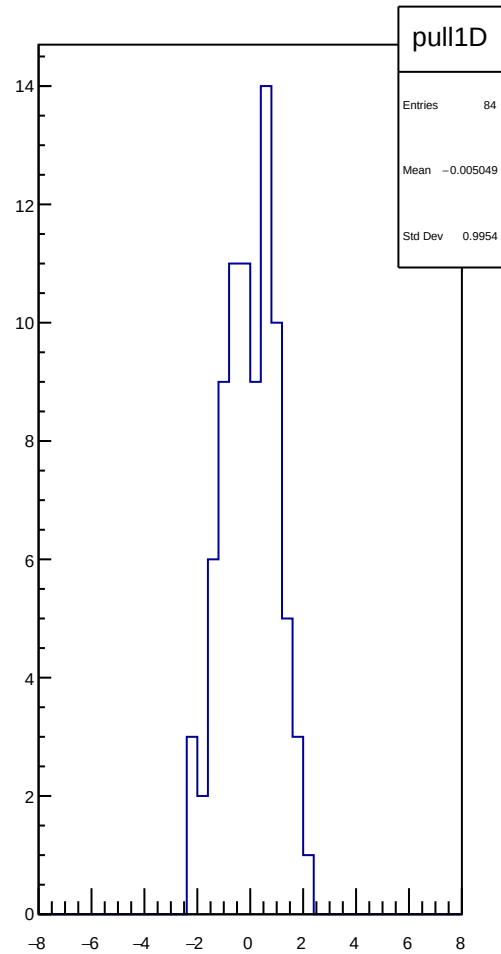
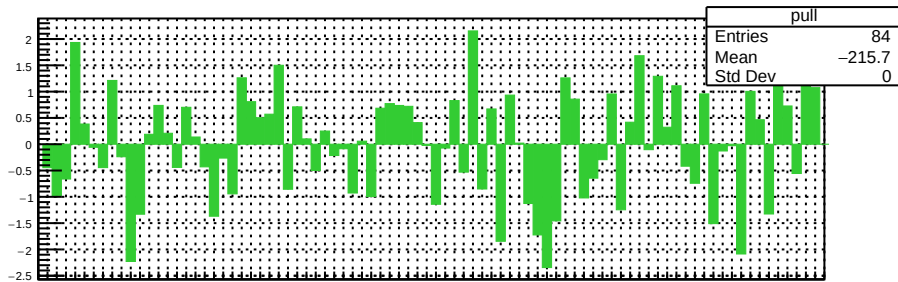
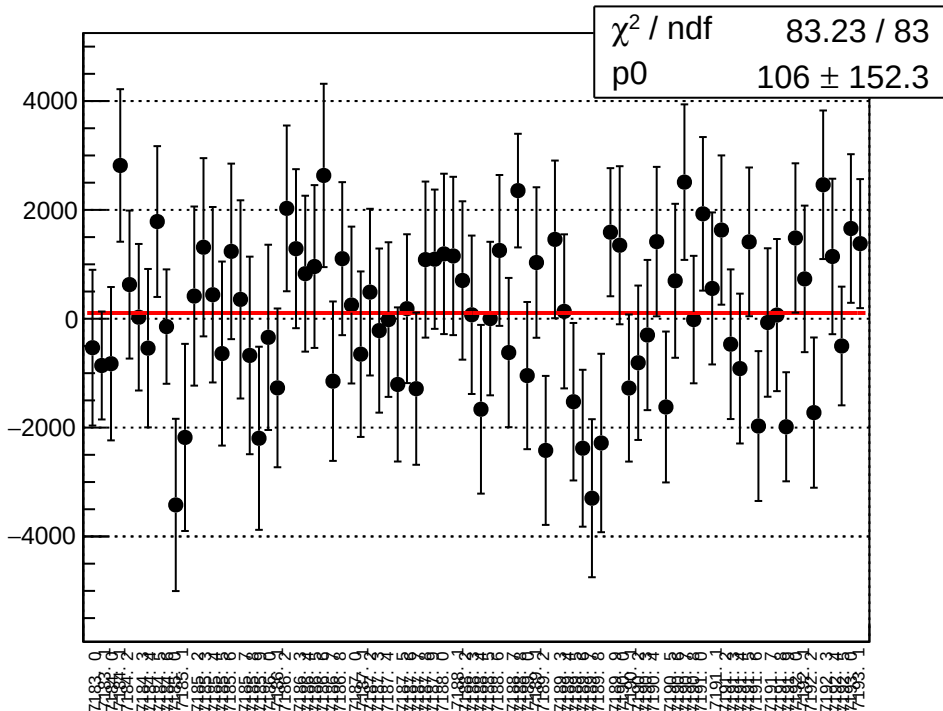
asym_sam_48_avg_cor_correction_mean vs run



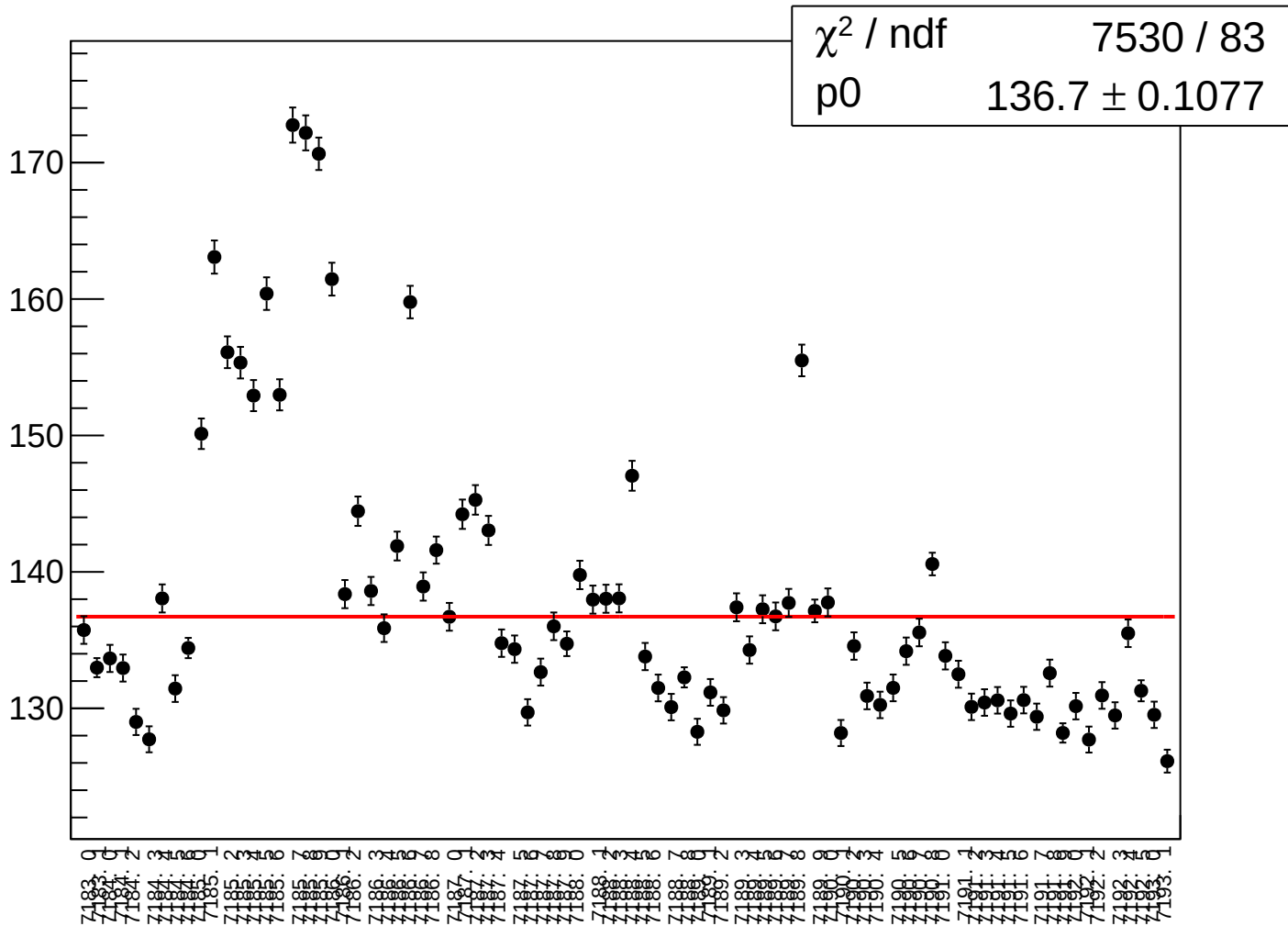
asym_sam_48_avg_cor_correction_rms vs run



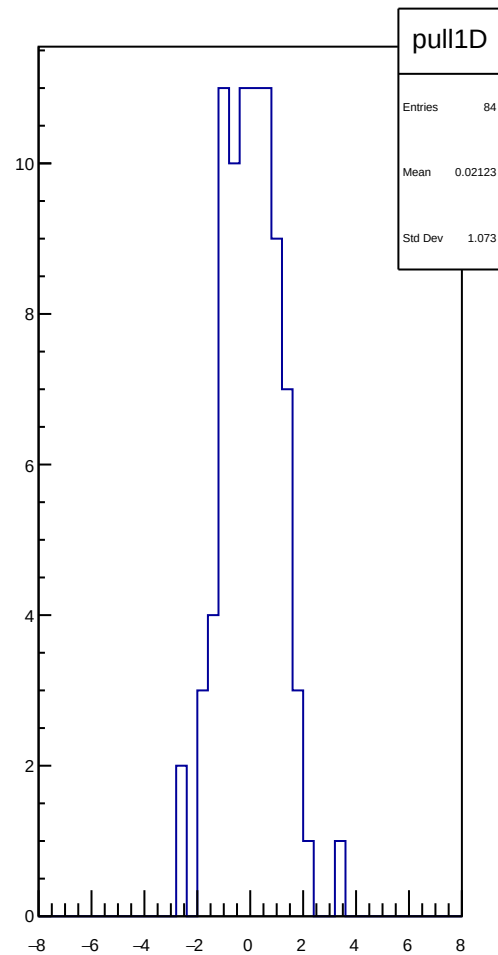
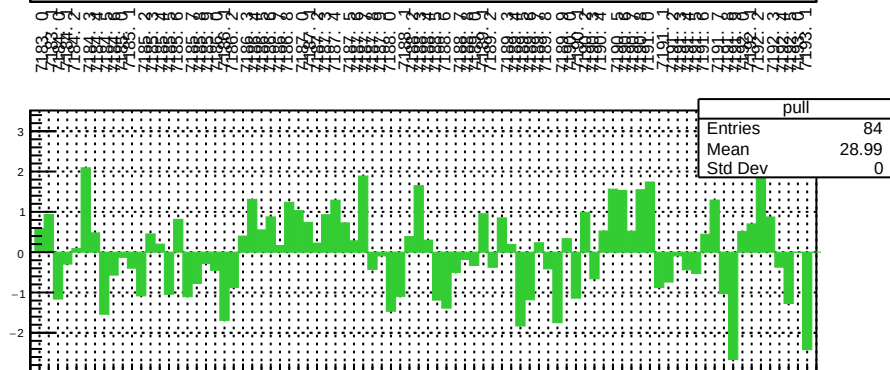
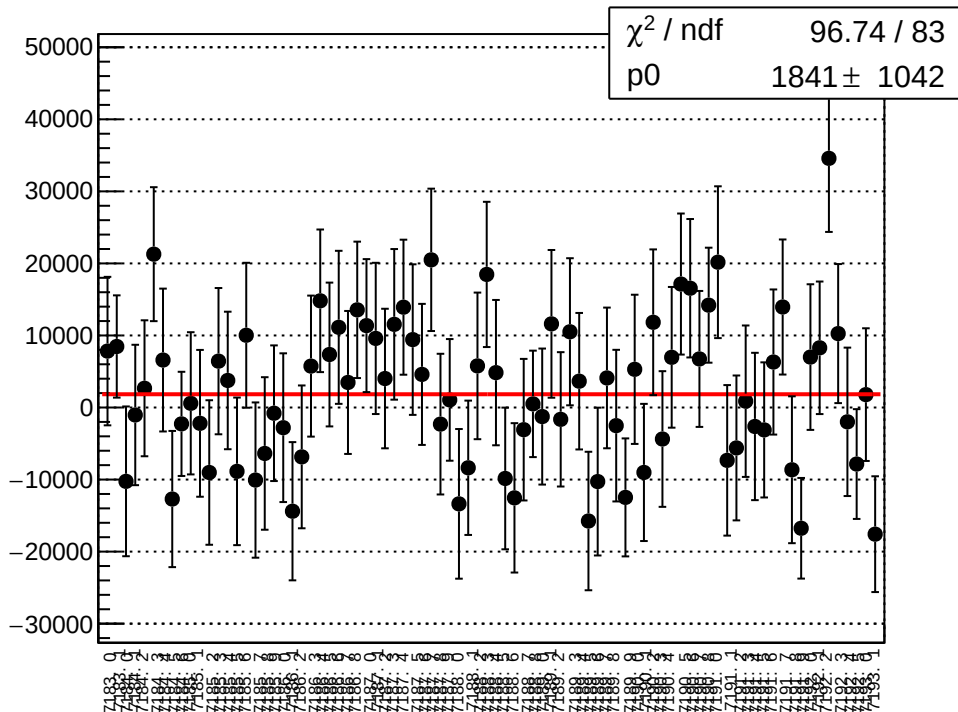
eigen_cor_asym_sam_48_avg_mean vs run



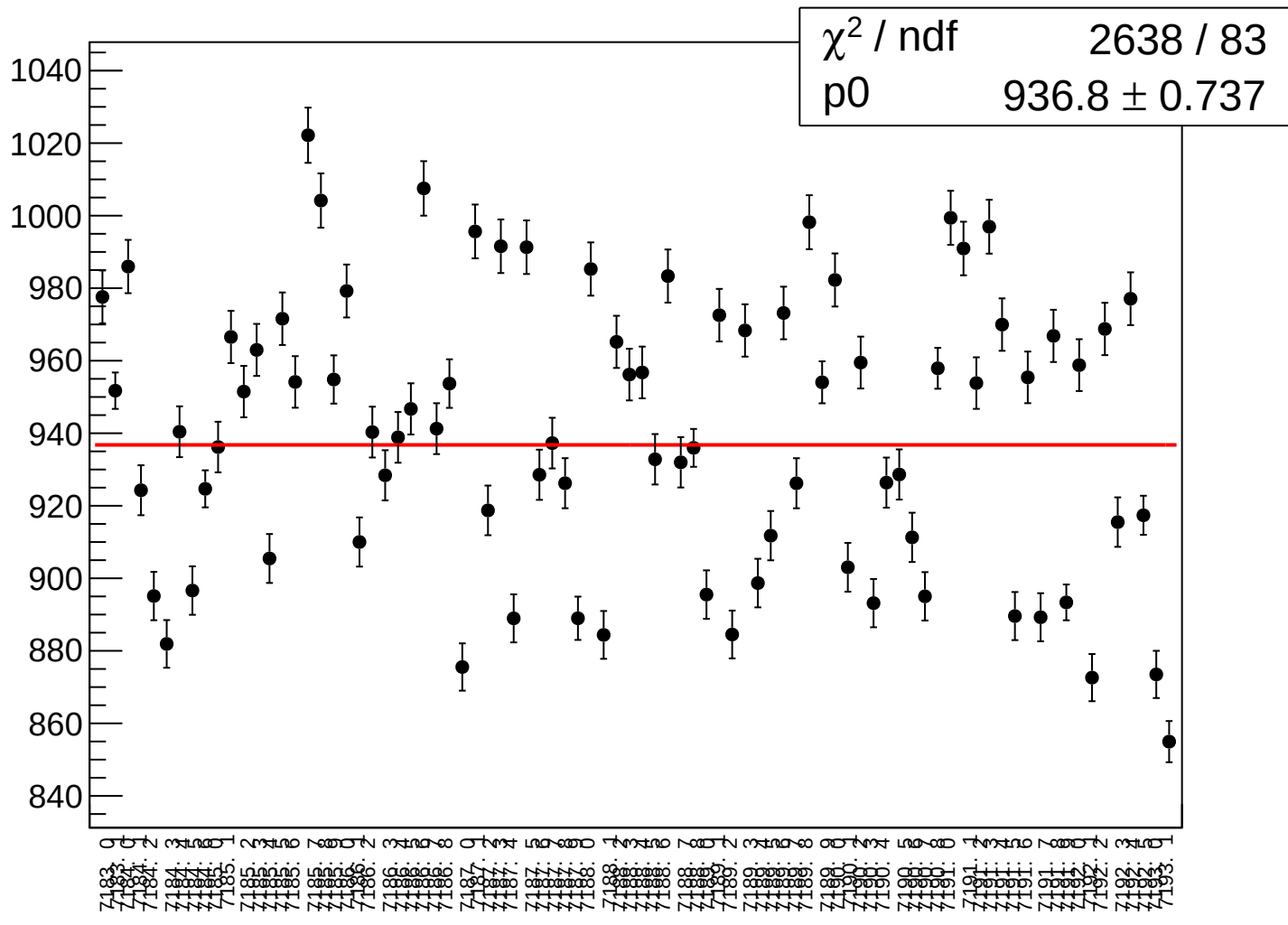
eigen_cor_asym_sam_48_avg_rms vs run



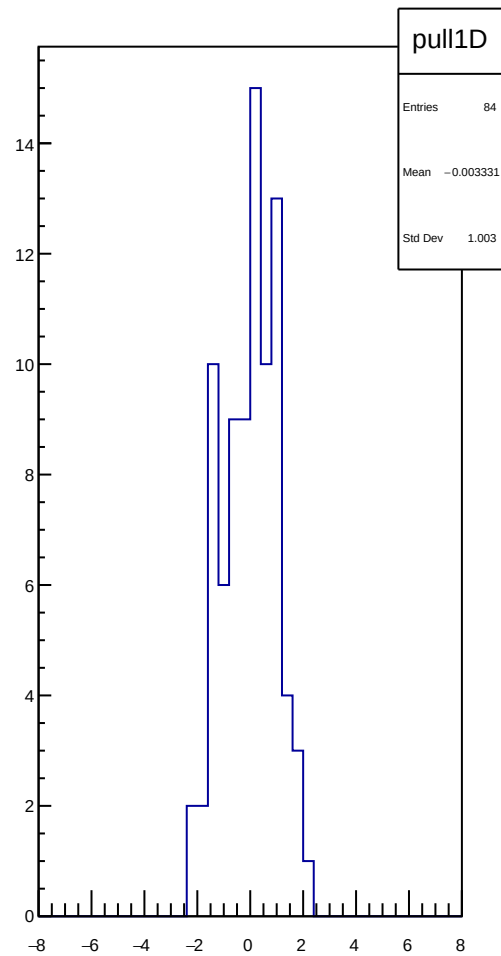
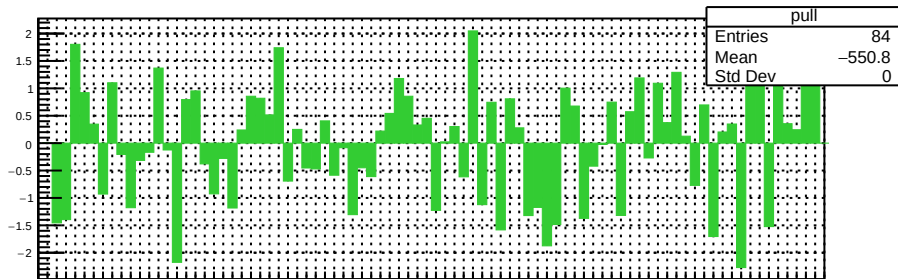
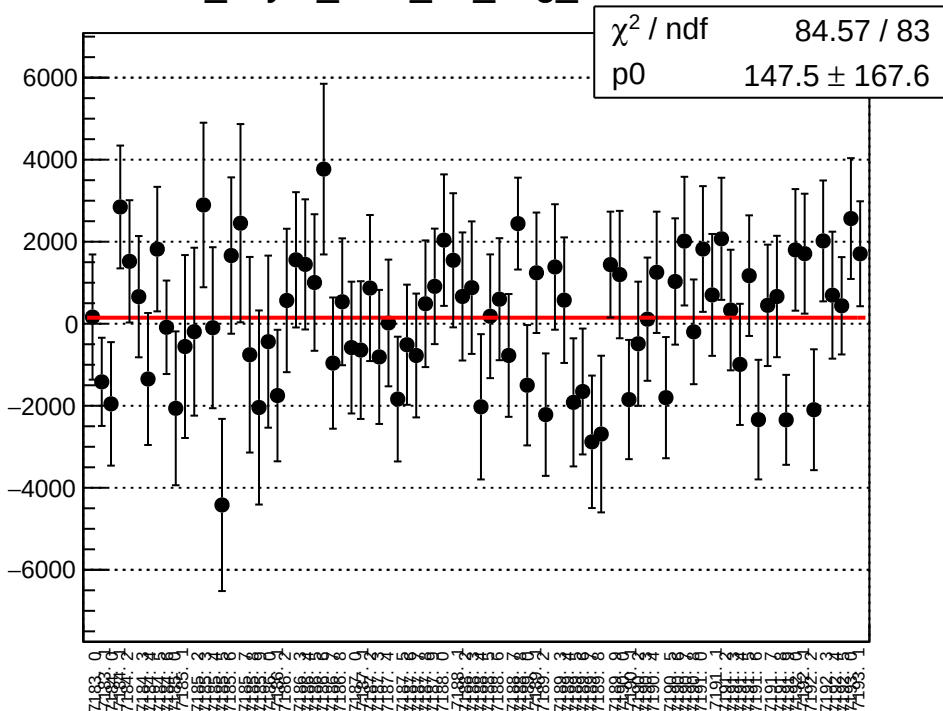
asym_sam_48_avg_eigen_cor_correction_mean vs run



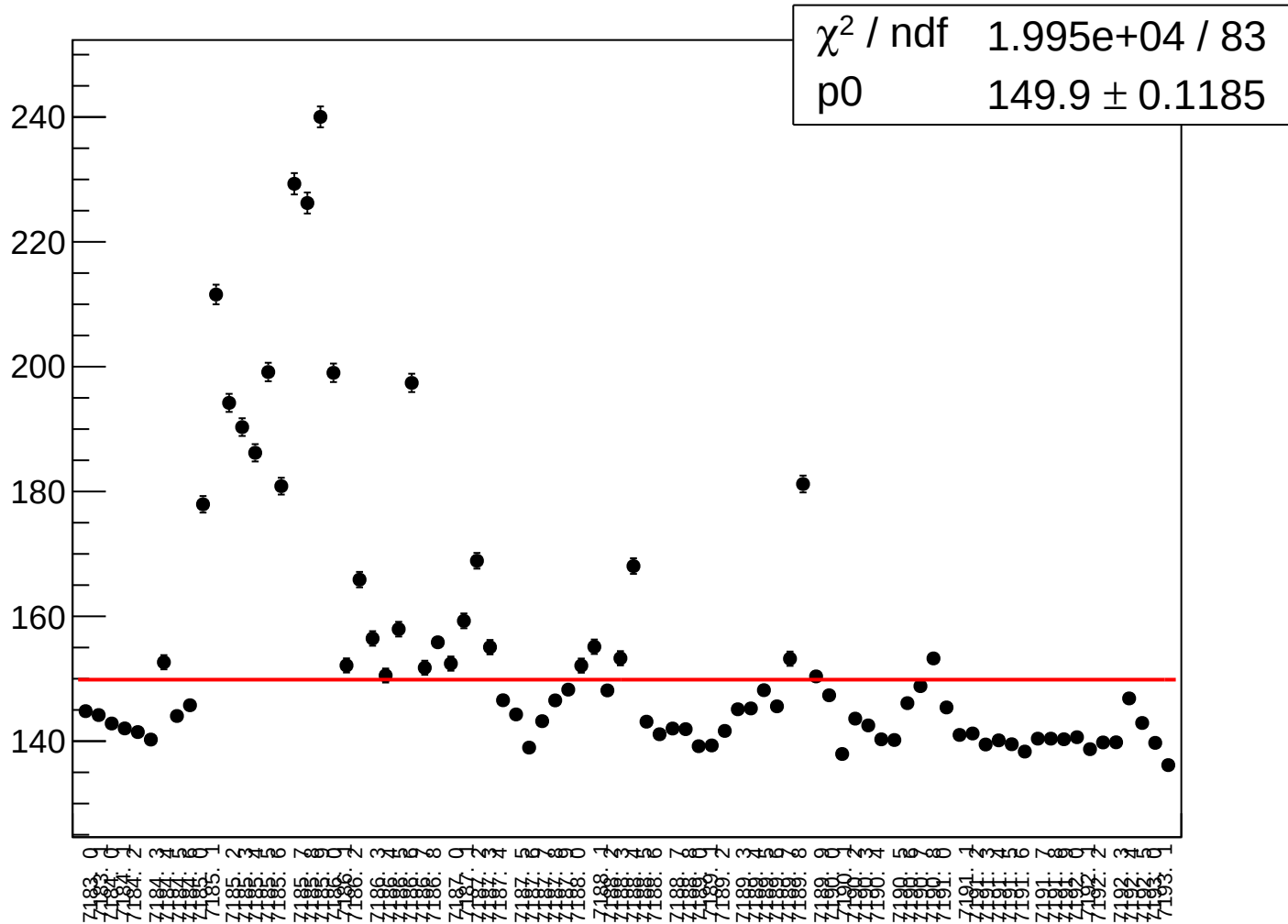
asym_sam_48_avg_eigen_cor_correction_rms vs run



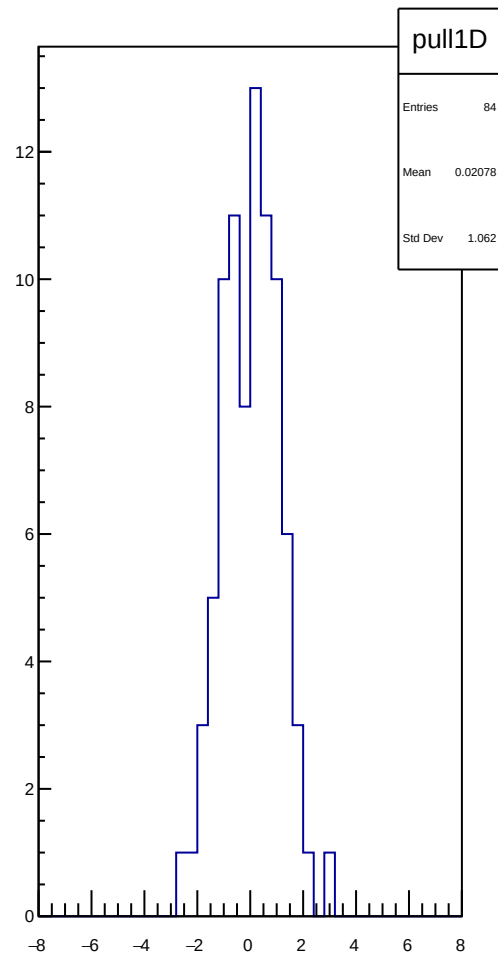
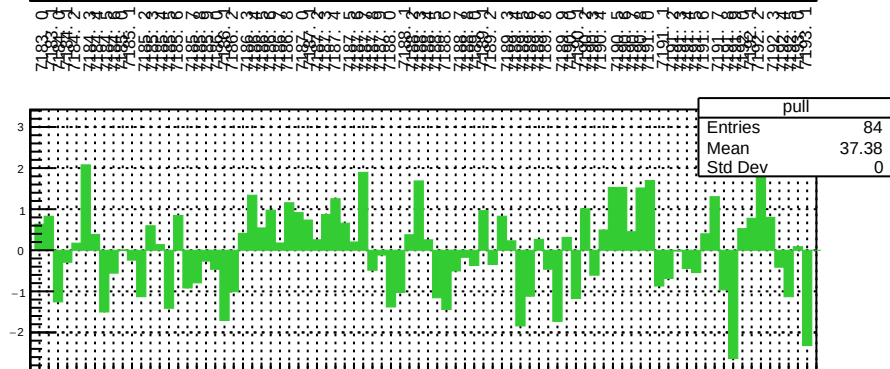
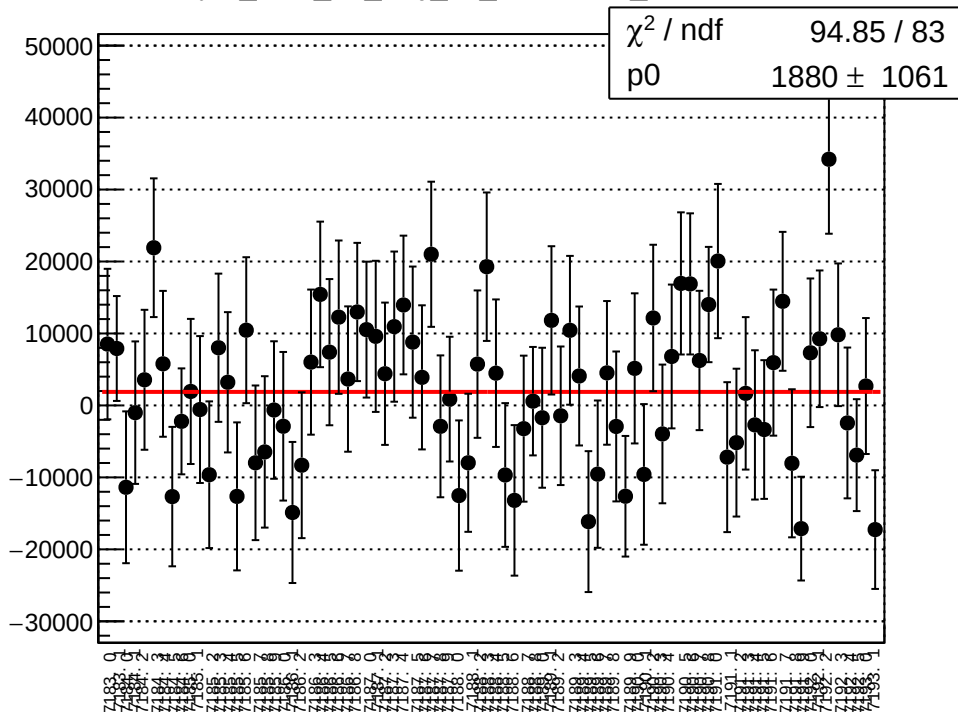
dit_asym_sam_48_avg_mean vs run



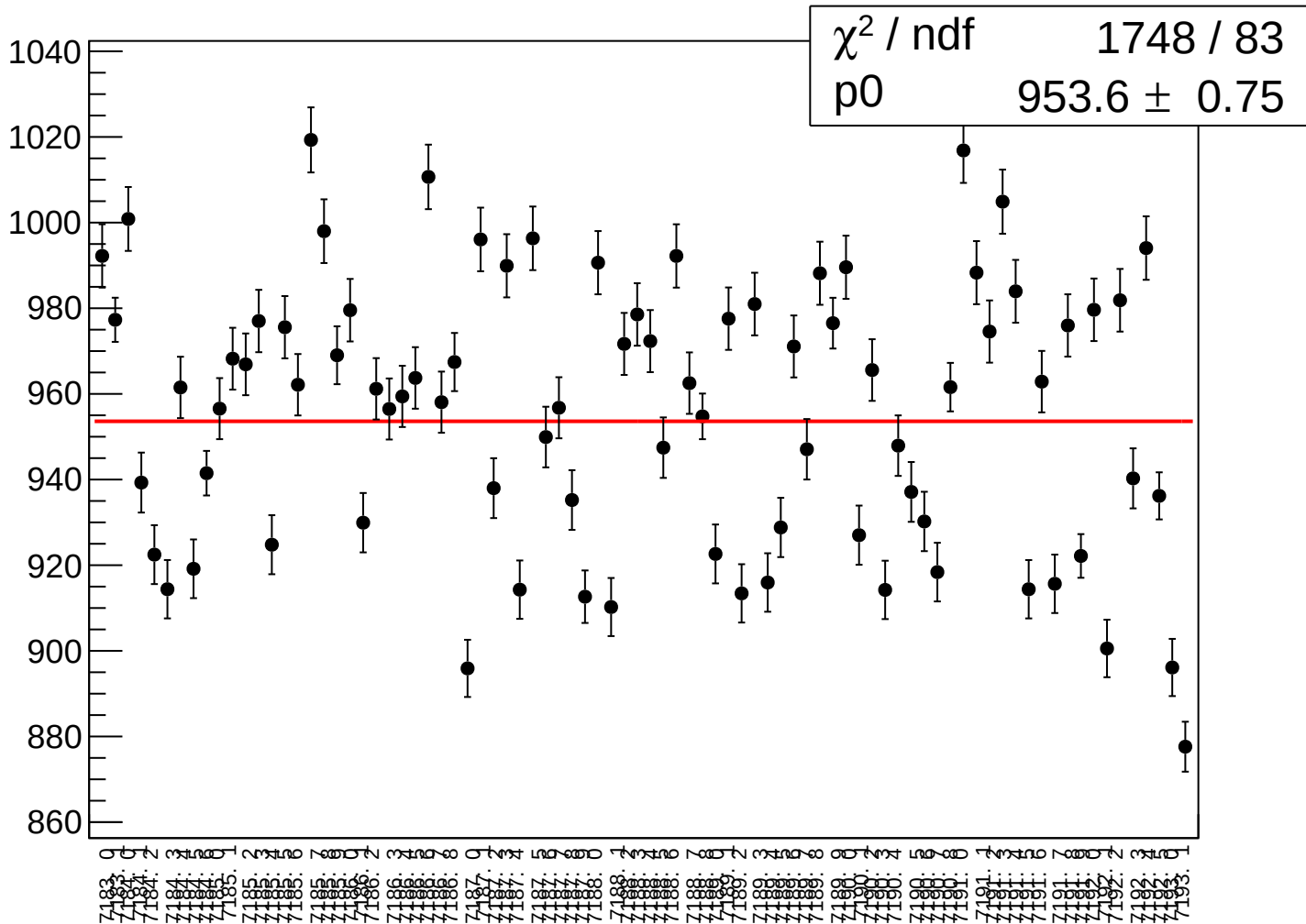
dit_asym_sam_48_avg_rms vs run



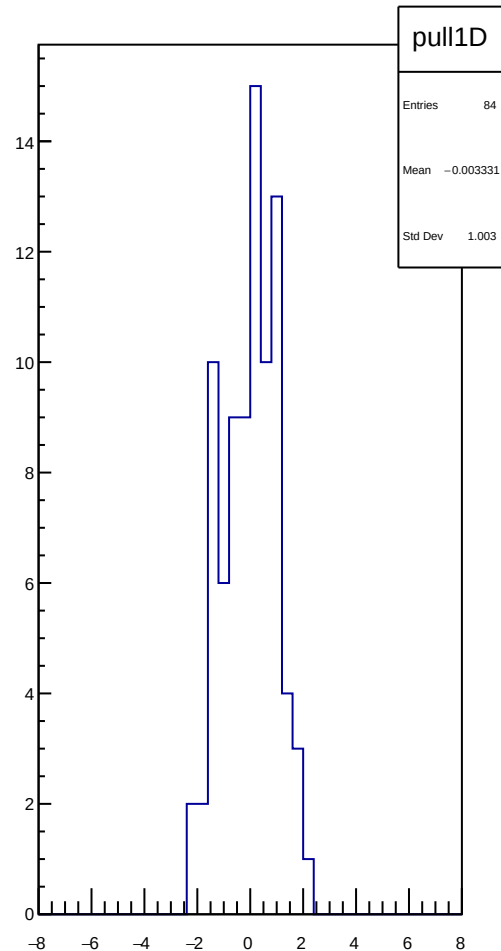
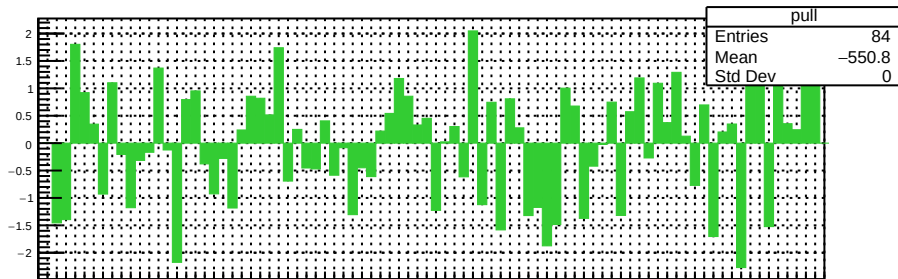
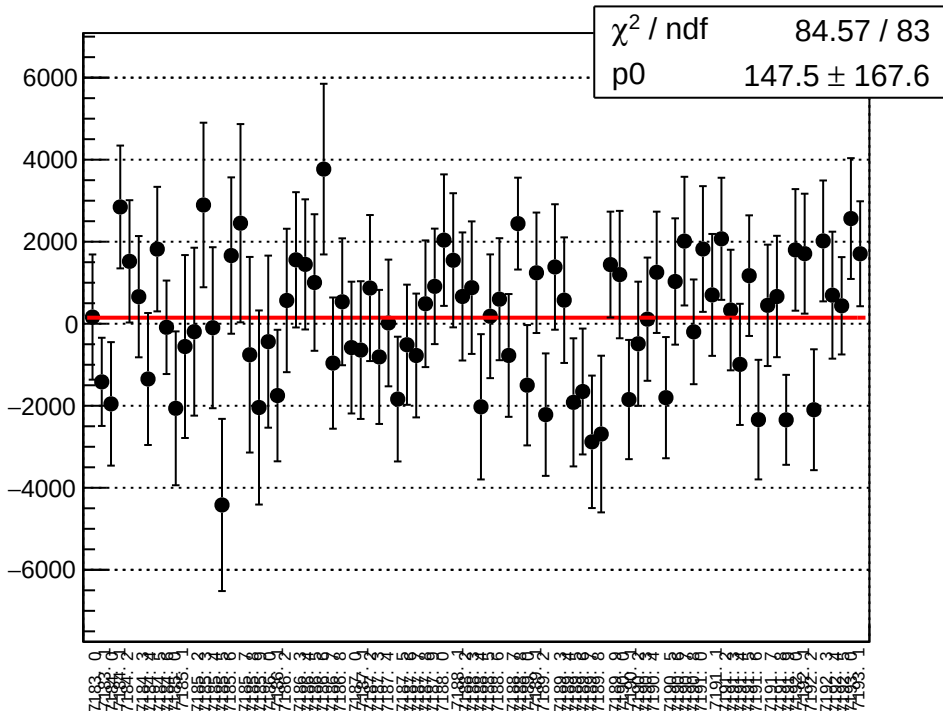
asym_sam_48_avg_dit_correction_mean vs run



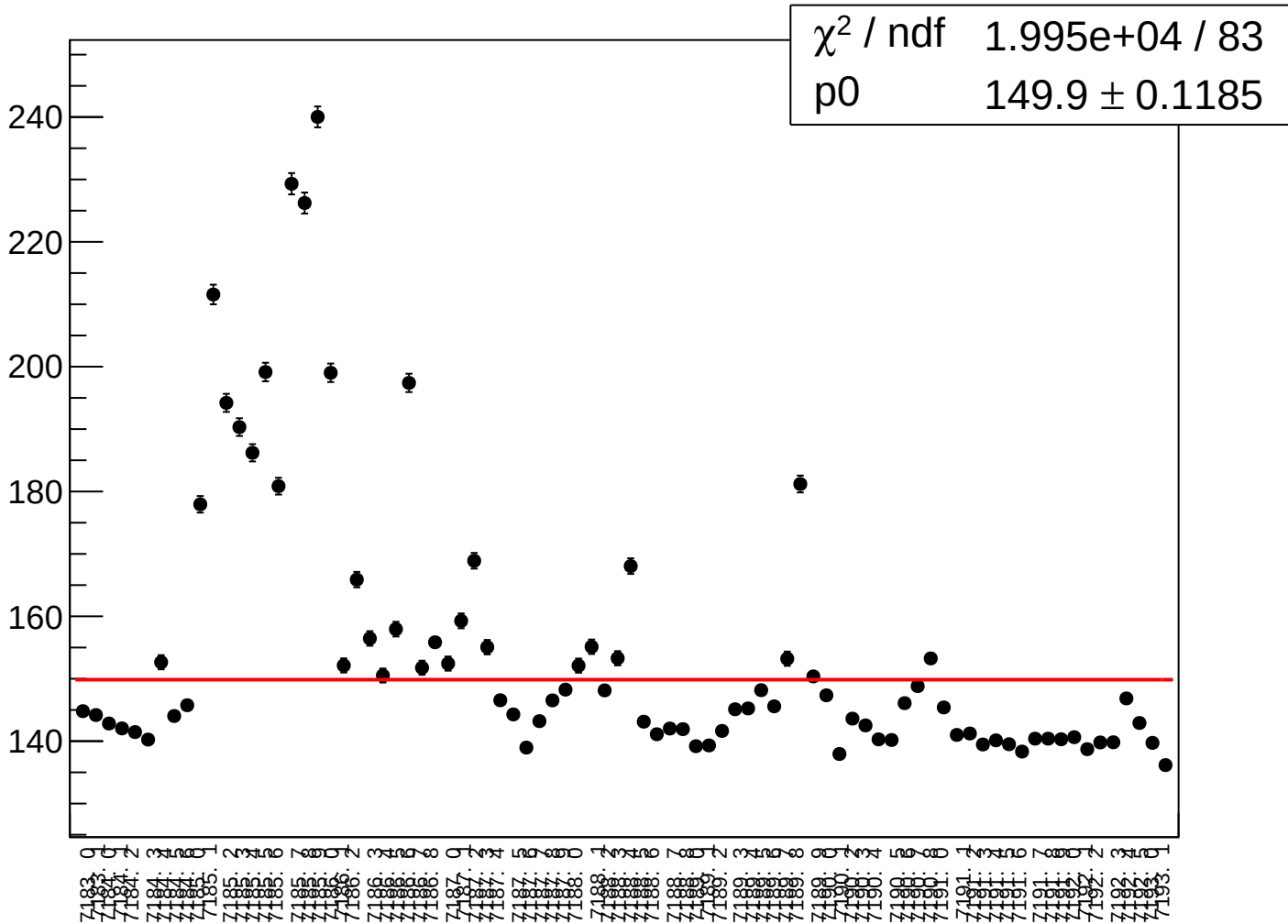
asym_sam_48_avg_dit_correction_rms vs run



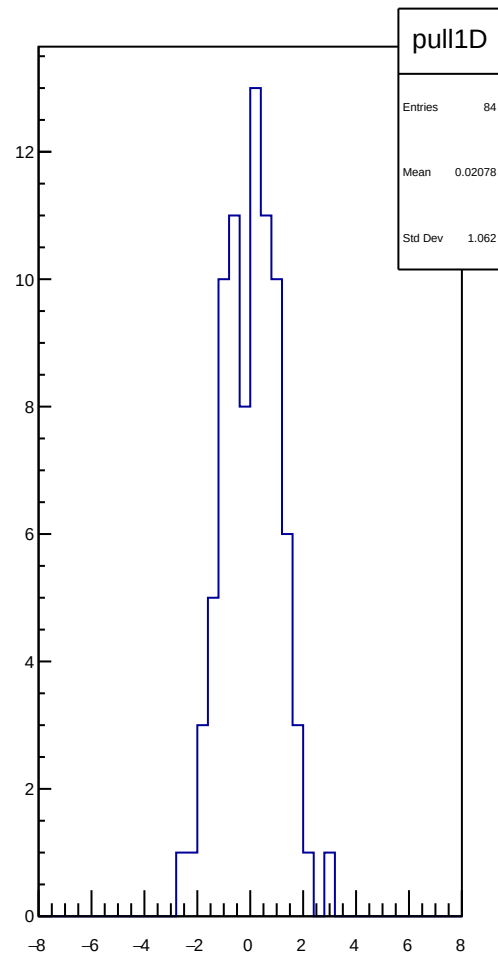
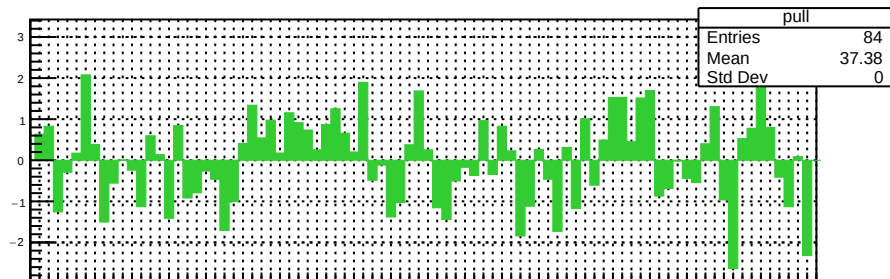
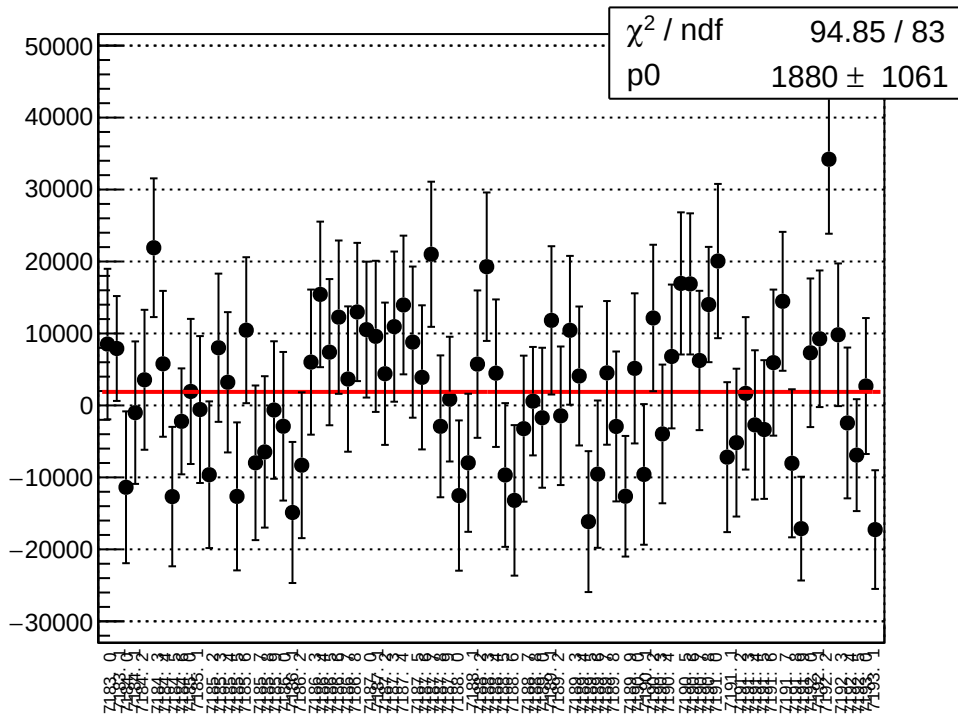
eigen_dit_asym_sam_48_avg_mean vs run



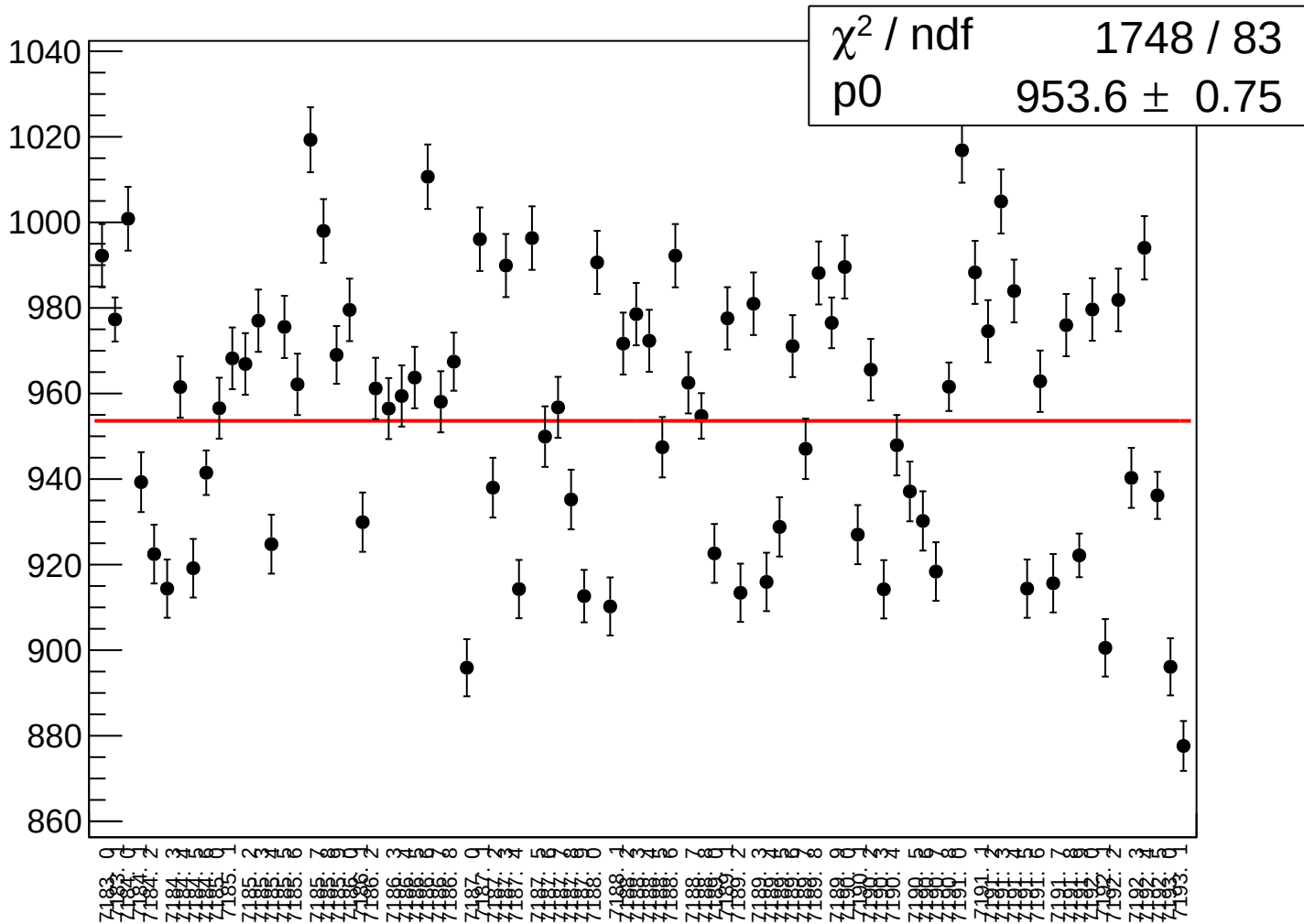
eigen_dit_asym_sam_48_avg_rms vs run



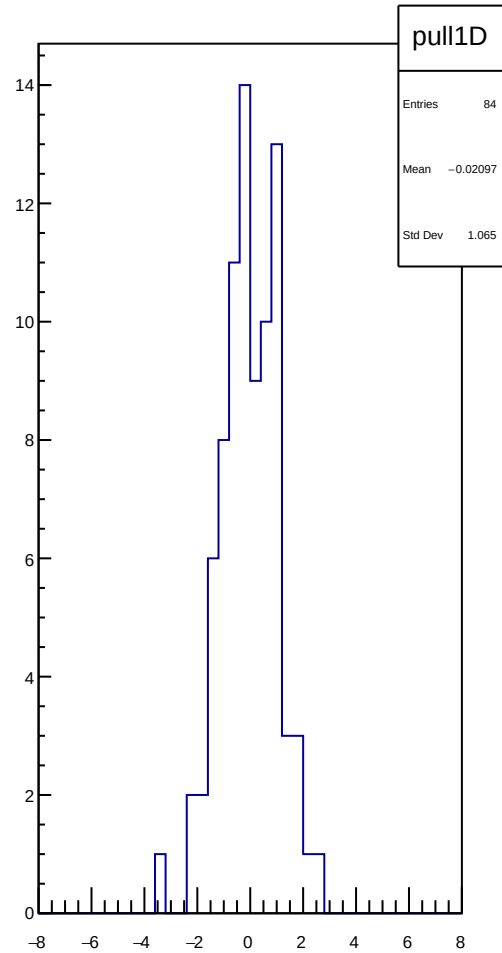
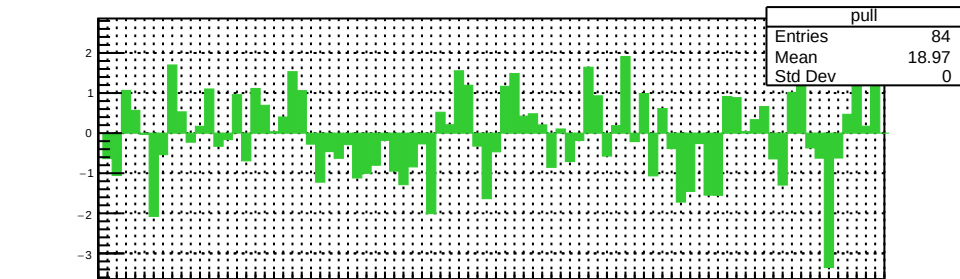
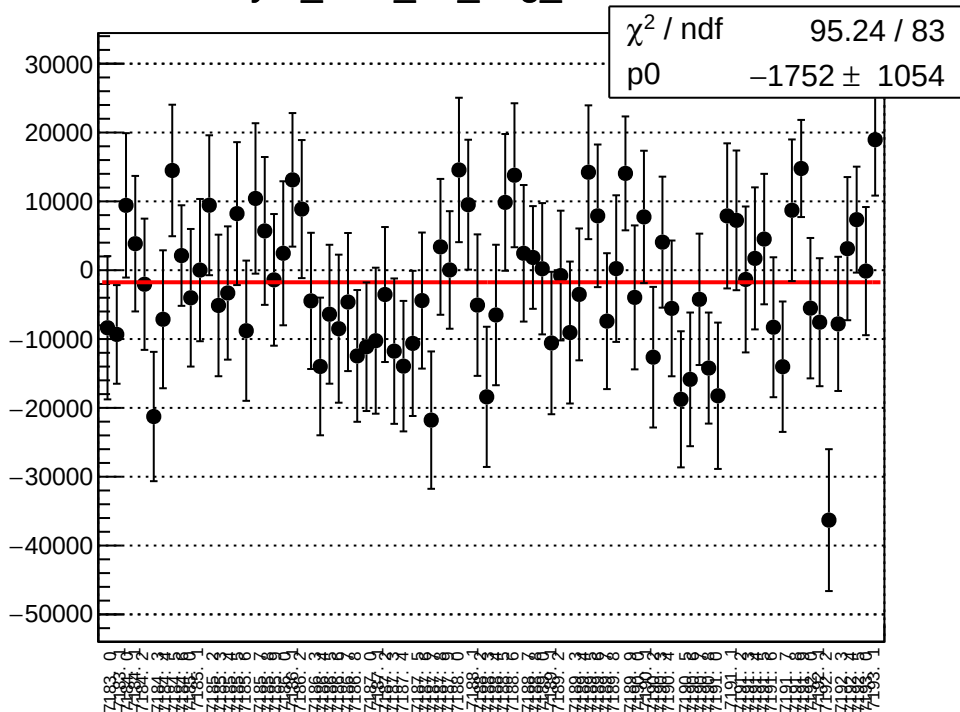
asym_sam_48_avg_eigen_dit_correction_mean vs run



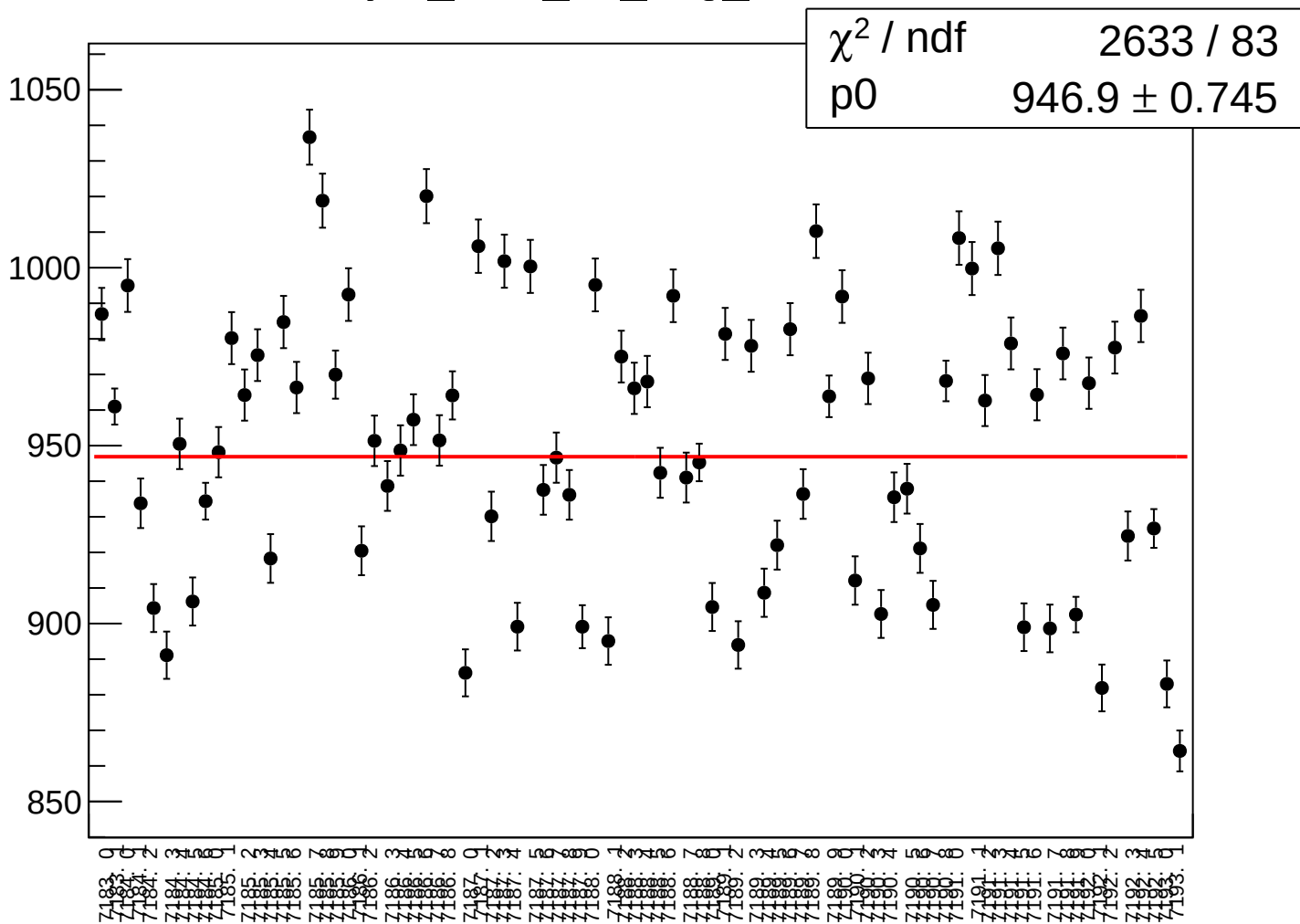
asym_sam_48_avg_eigen_dit_correction_rms vs run



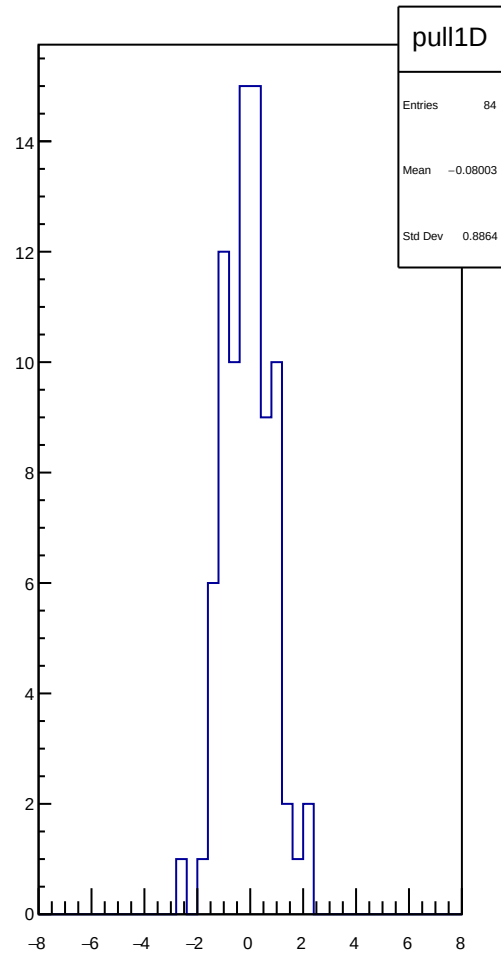
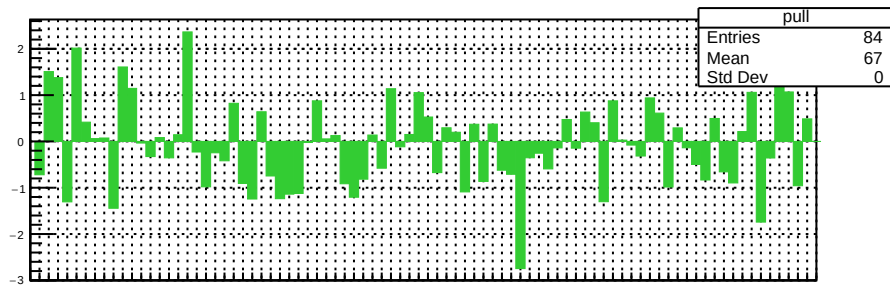
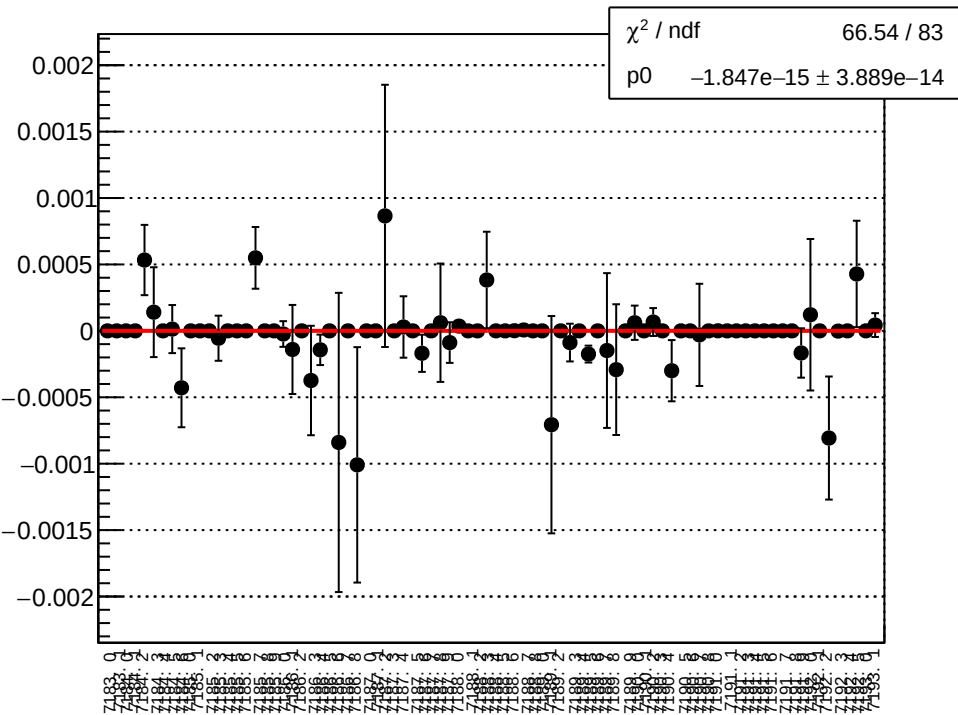
asym_sam_48_avg_mean vs run



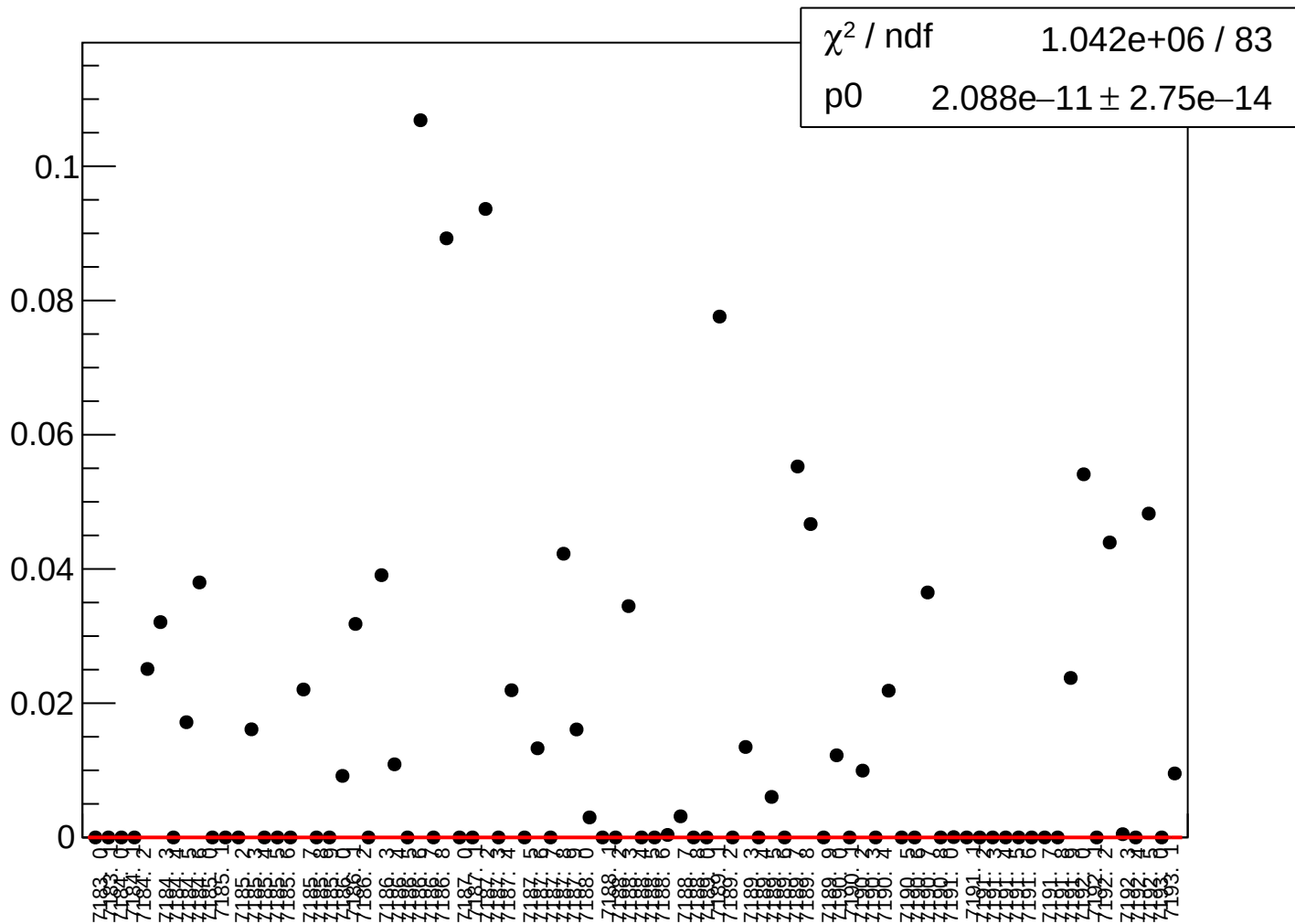
asym_sam_48_avg_rms vs run



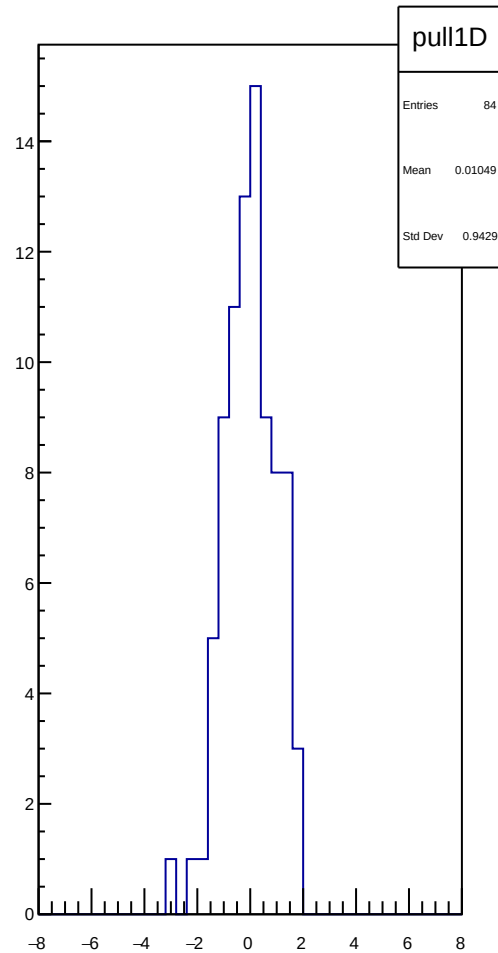
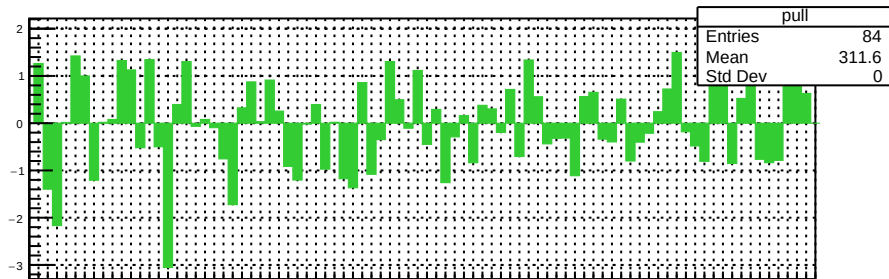
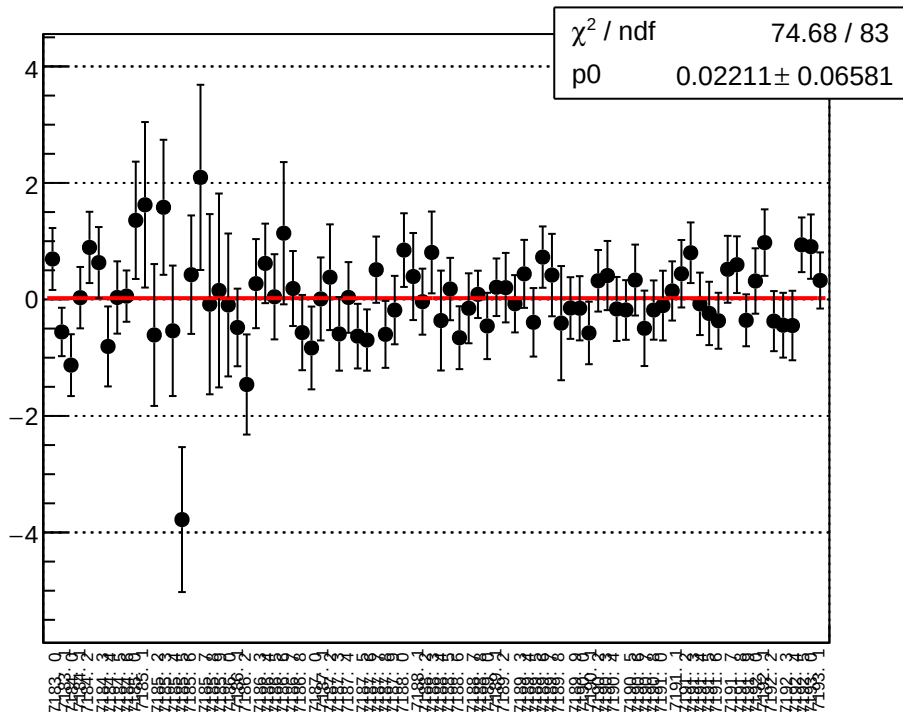
asym_sam_48_avg_reg_vs_cor_diff_mean vs run



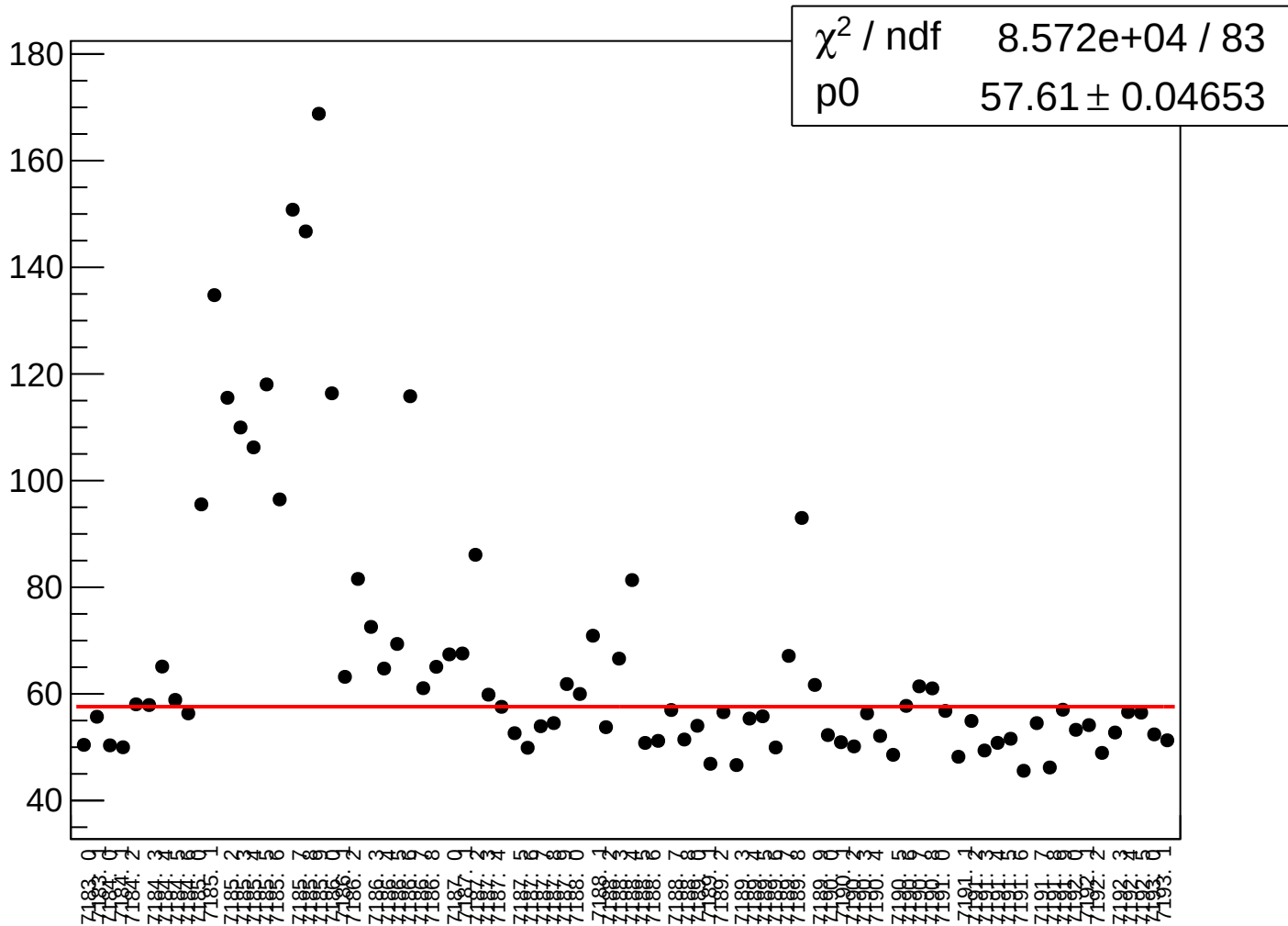
asym sam 48 avg reg vs cor diff rms vs run



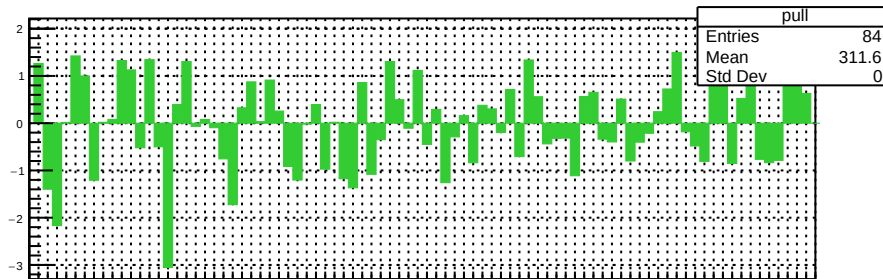
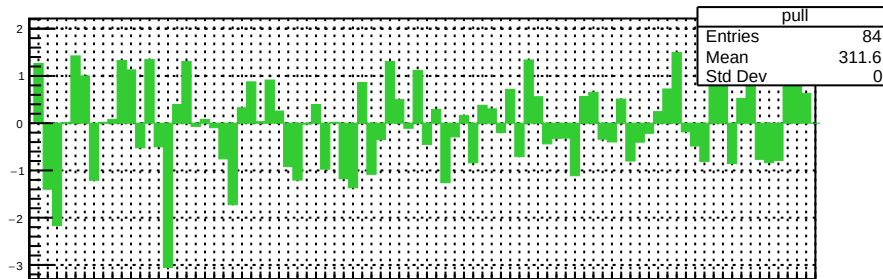
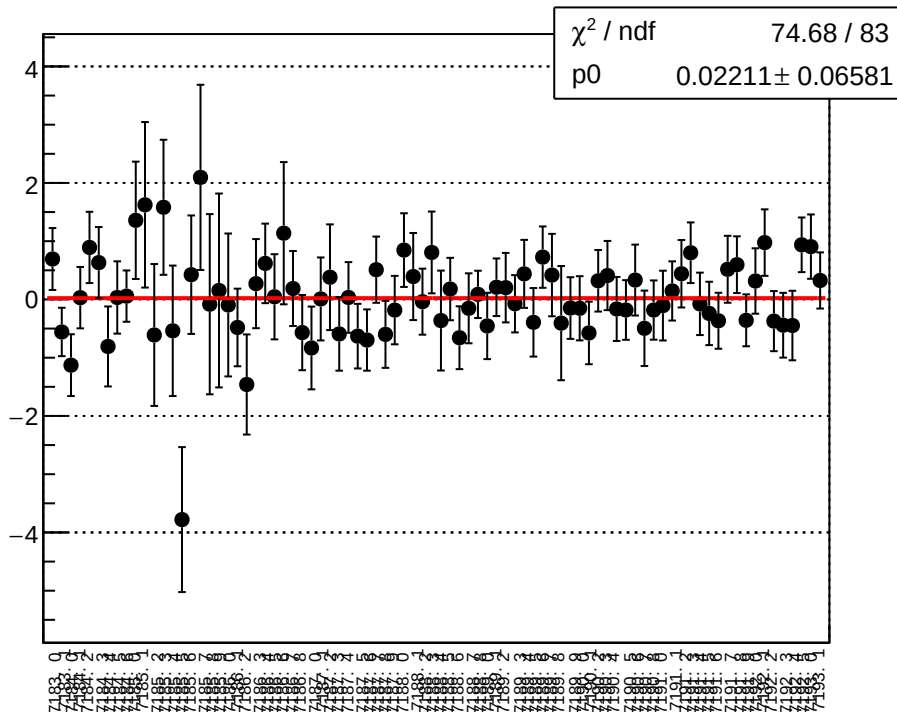
asym_sam_48_avg_dit_vs_cor_diff_mean vs run



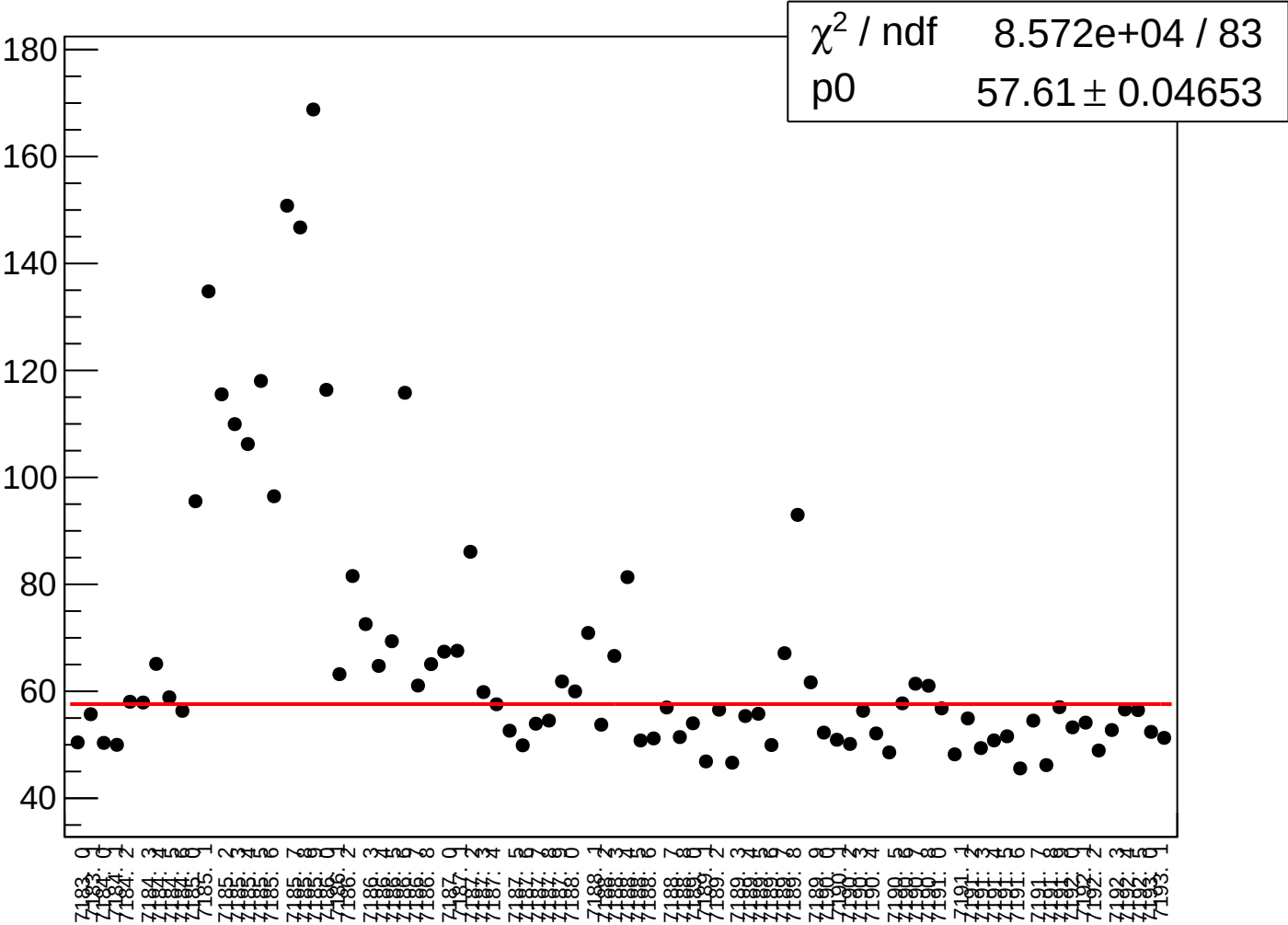
asym_sam_48_avg_dit_vs_cor_diff_rms vs run



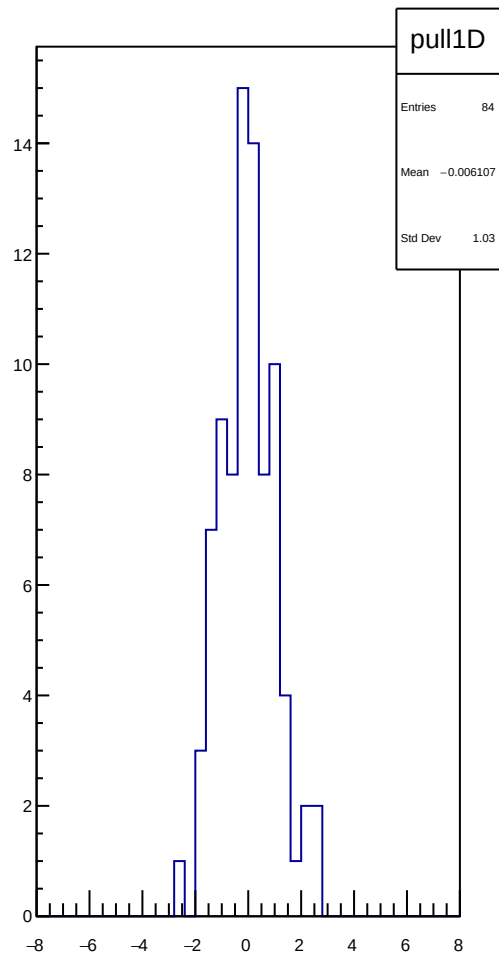
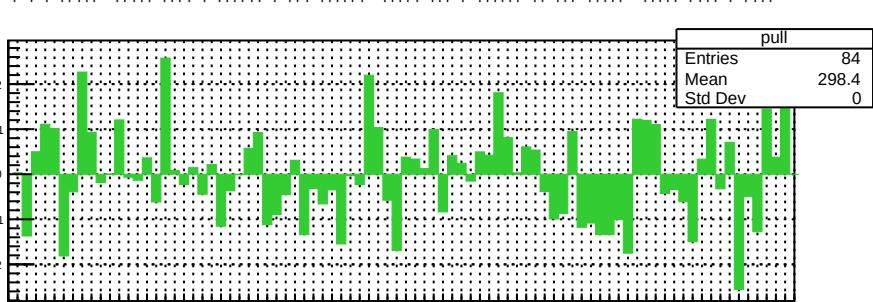
asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs run



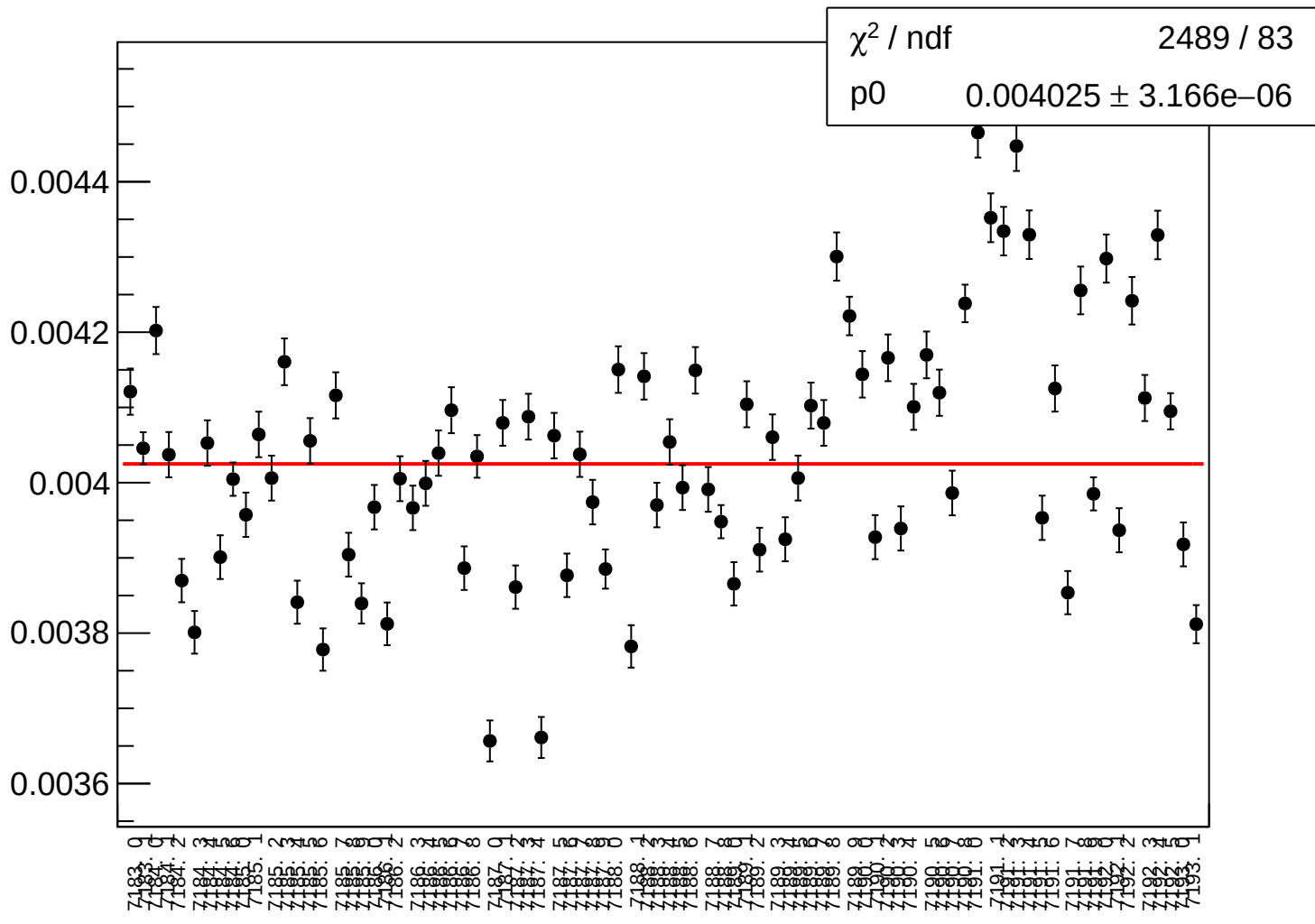
asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs run



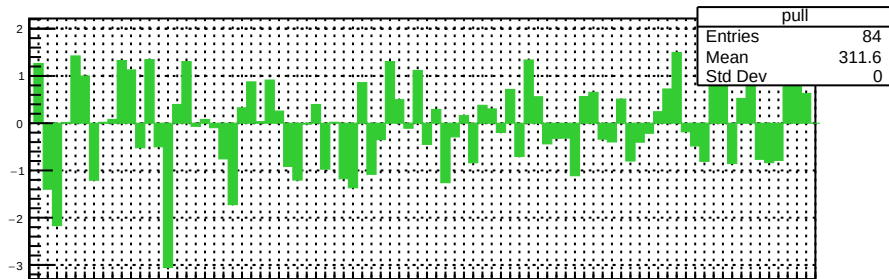
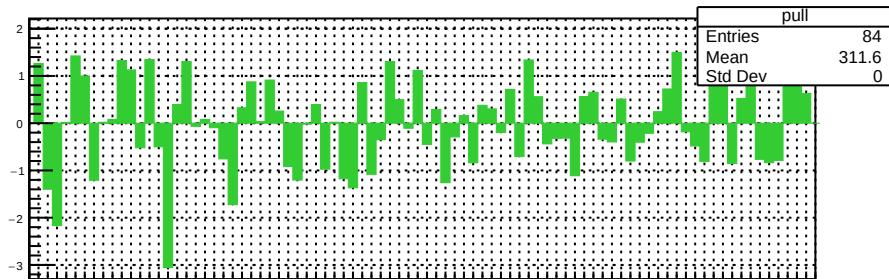
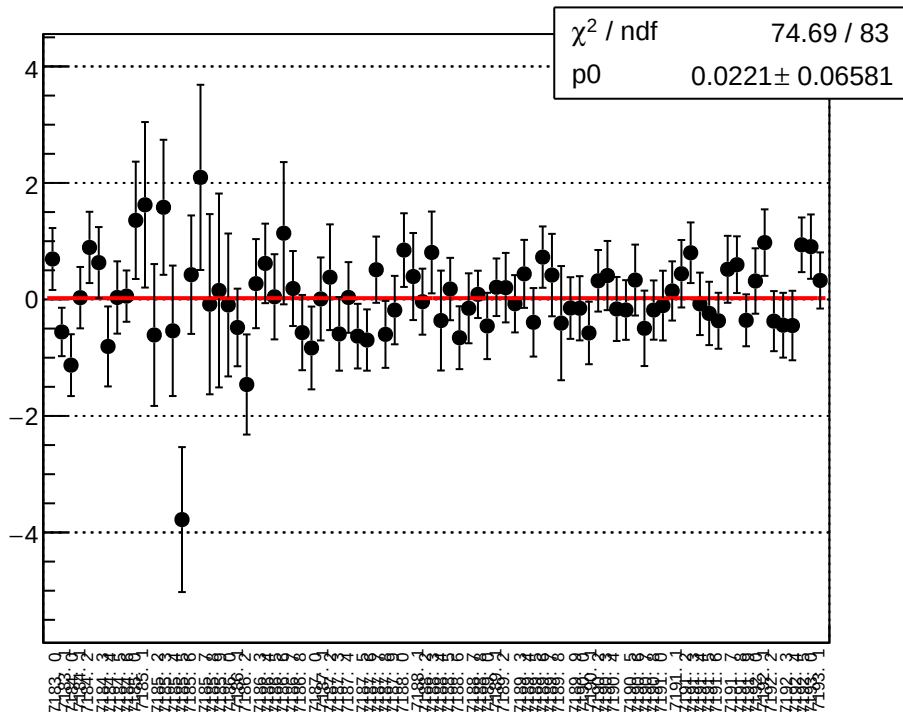
χ^2 / ndf	89.17 / 83
p0	$-3.171\text{e-}06 \pm 4.478\text{e-}06$



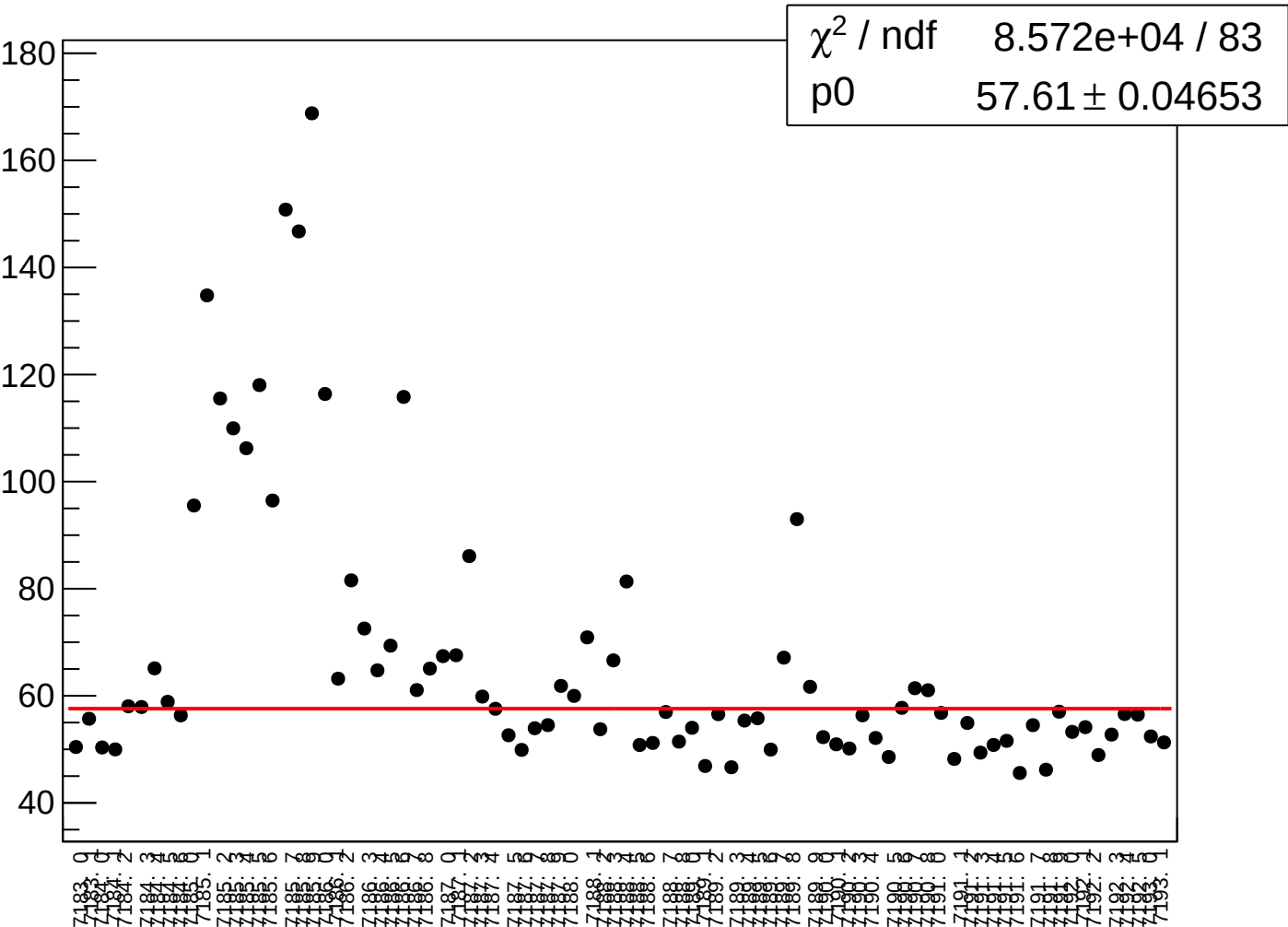
asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs run



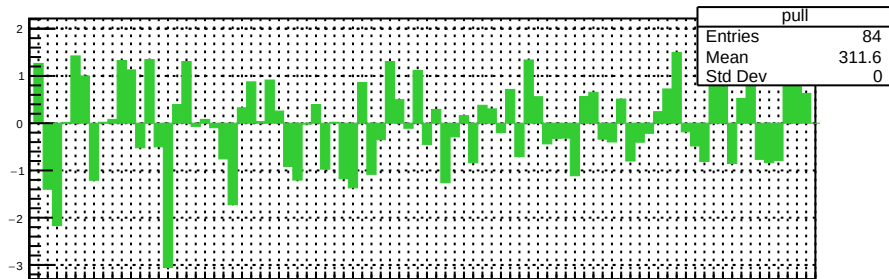
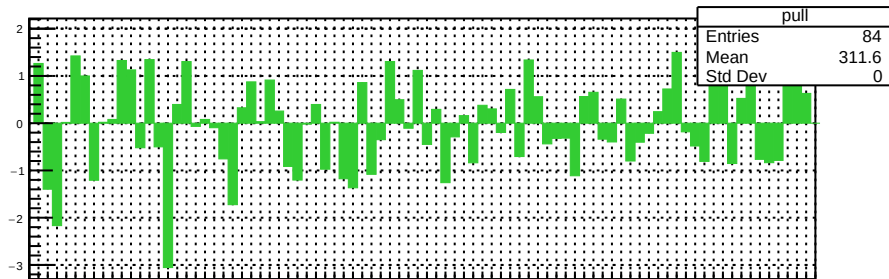
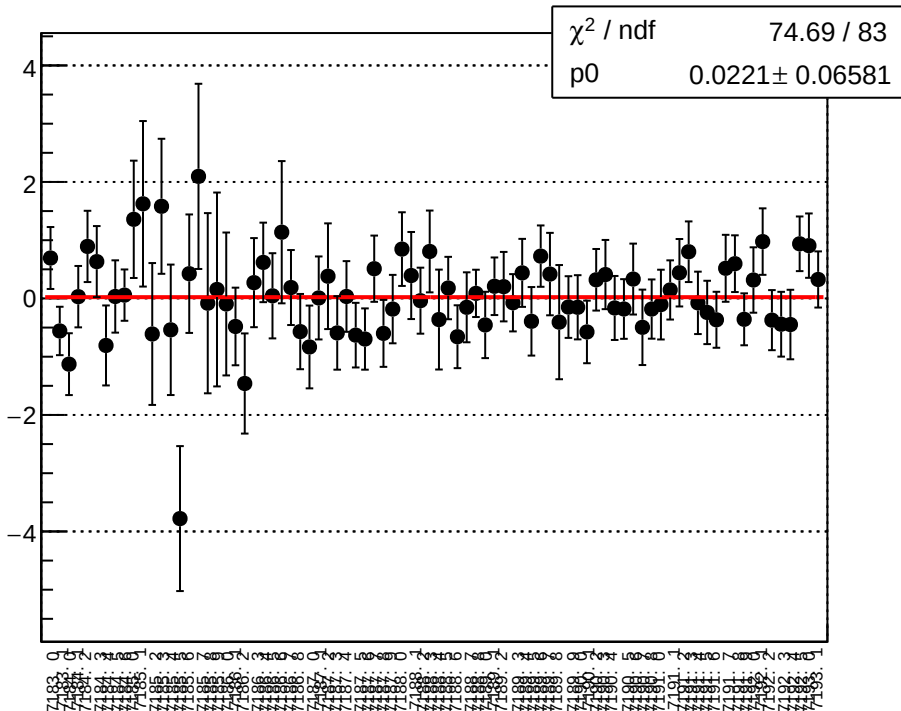
asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs run



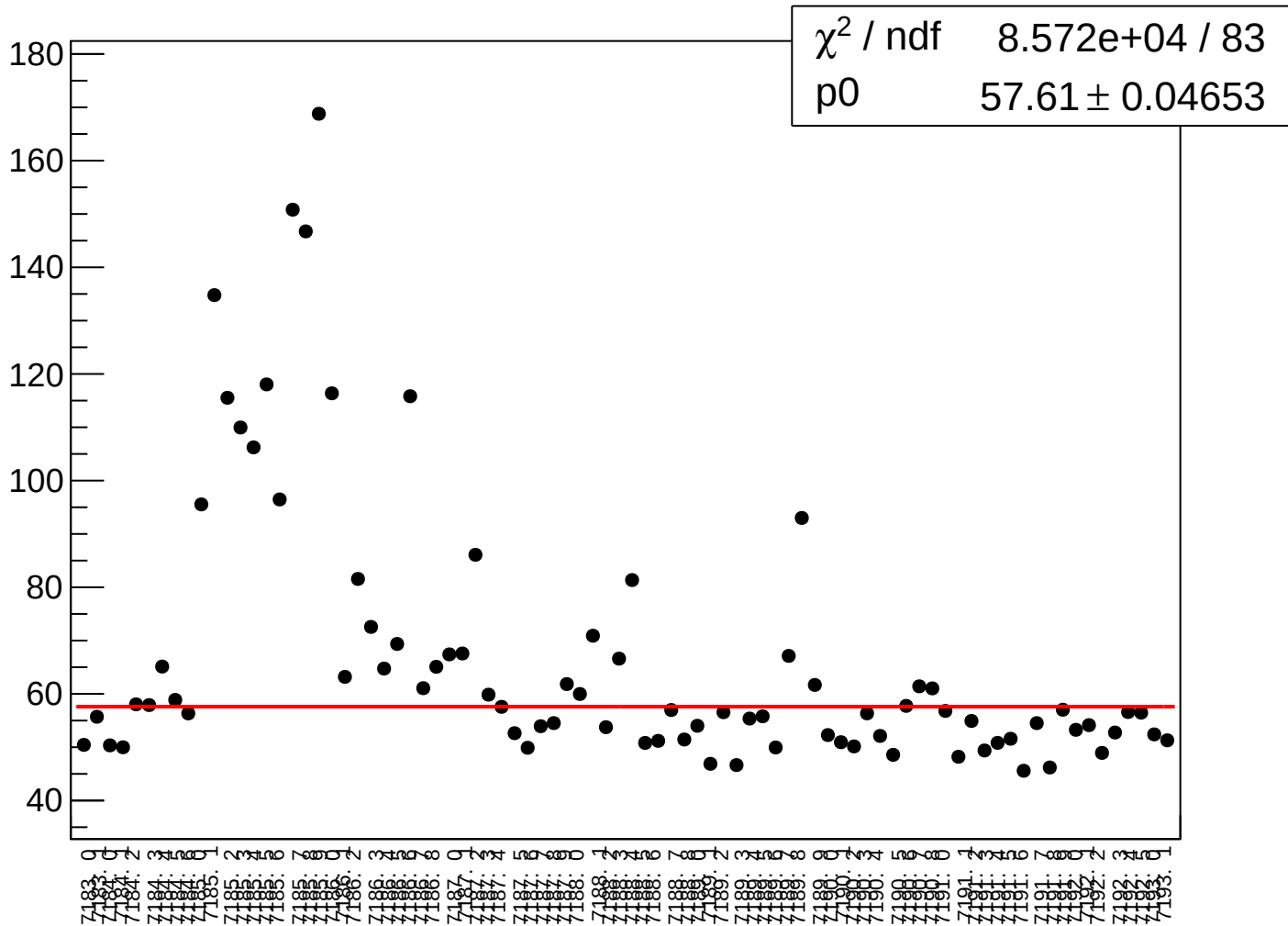
asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs run



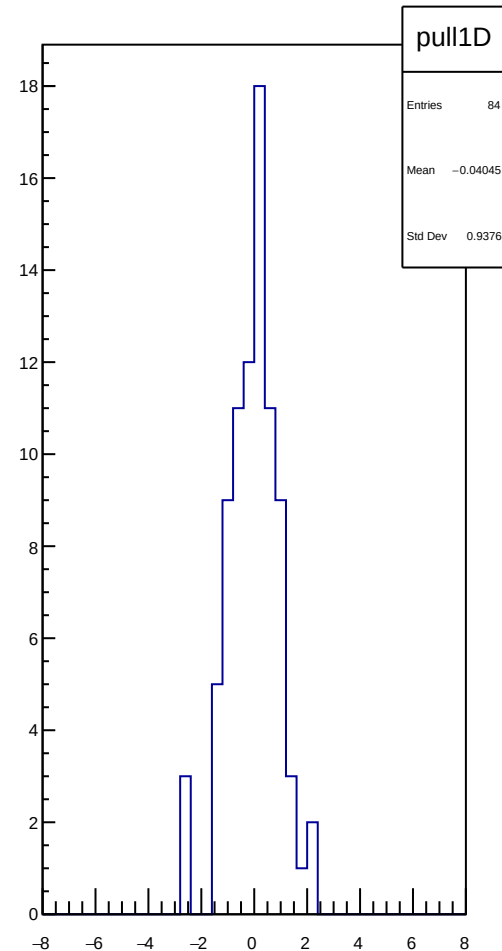
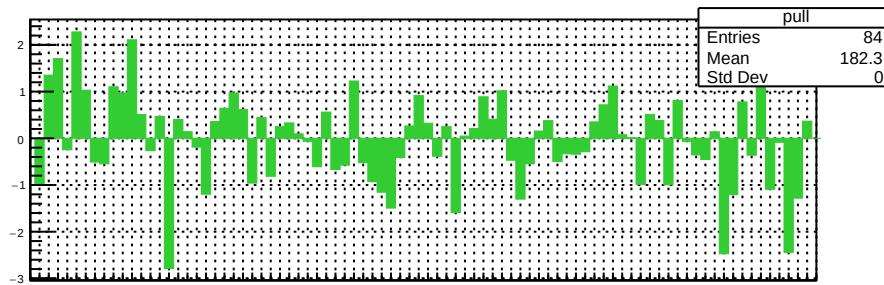
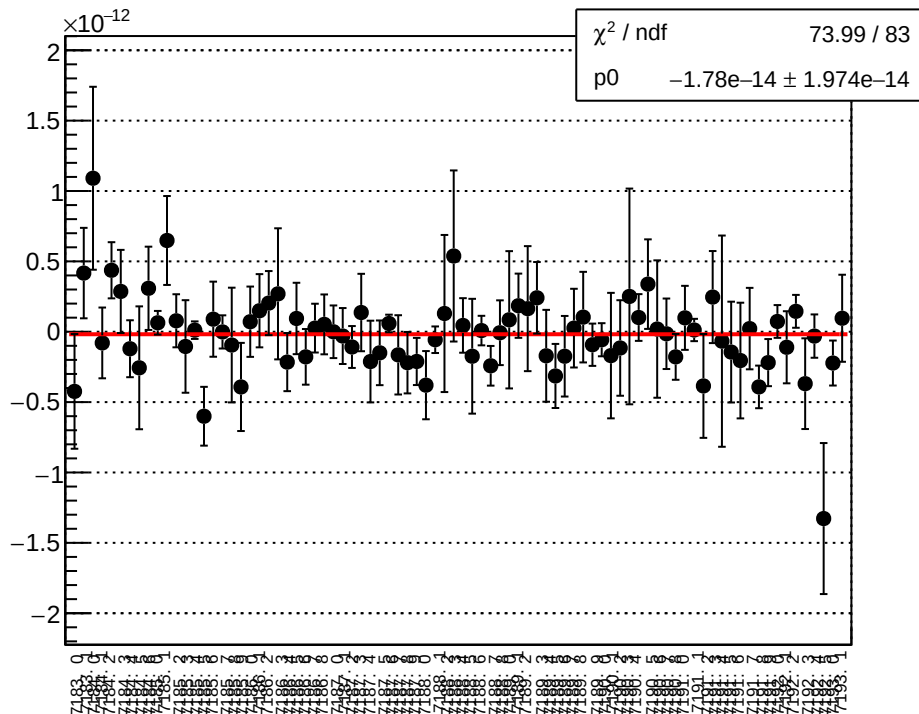
asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



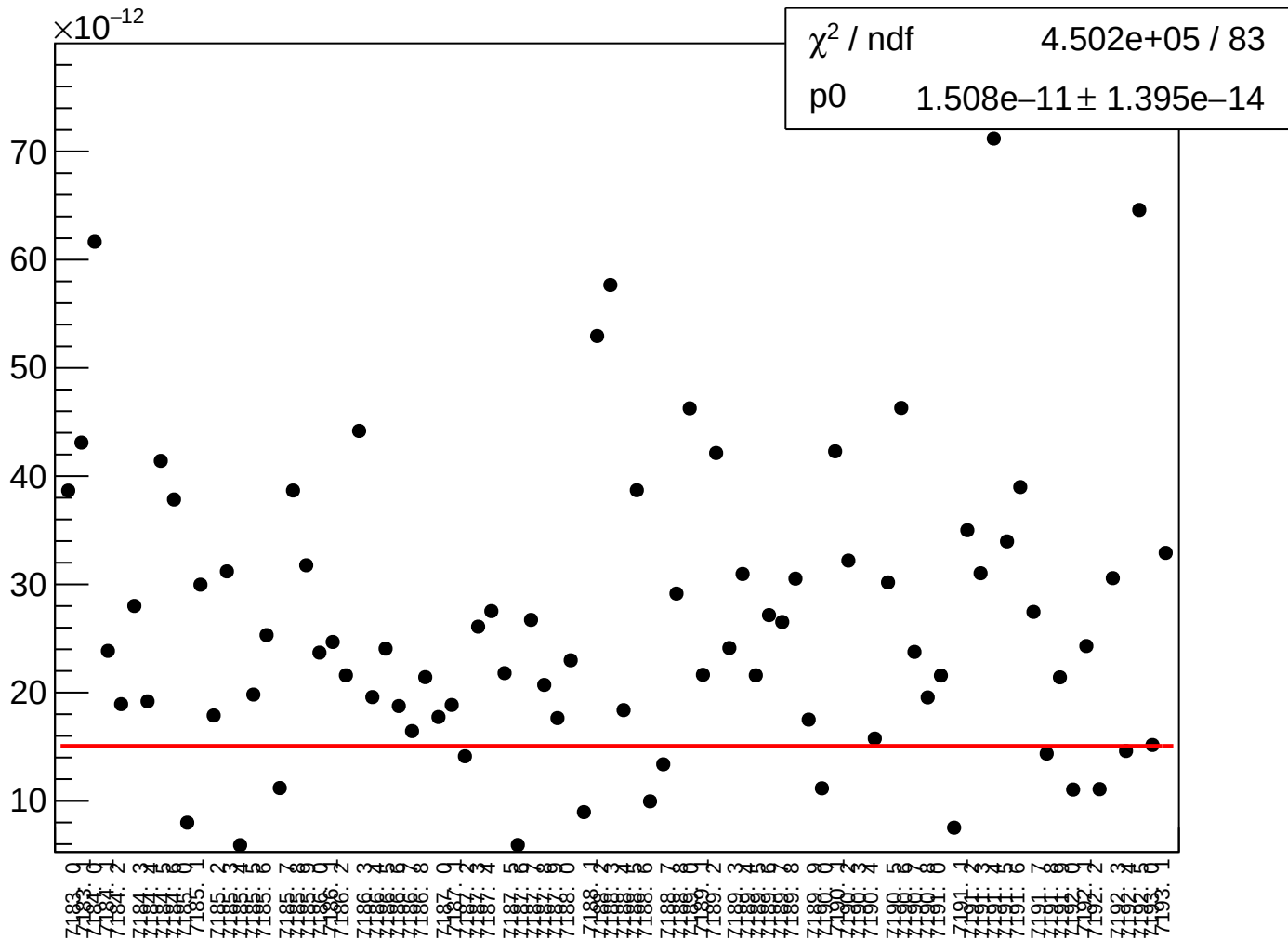
asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



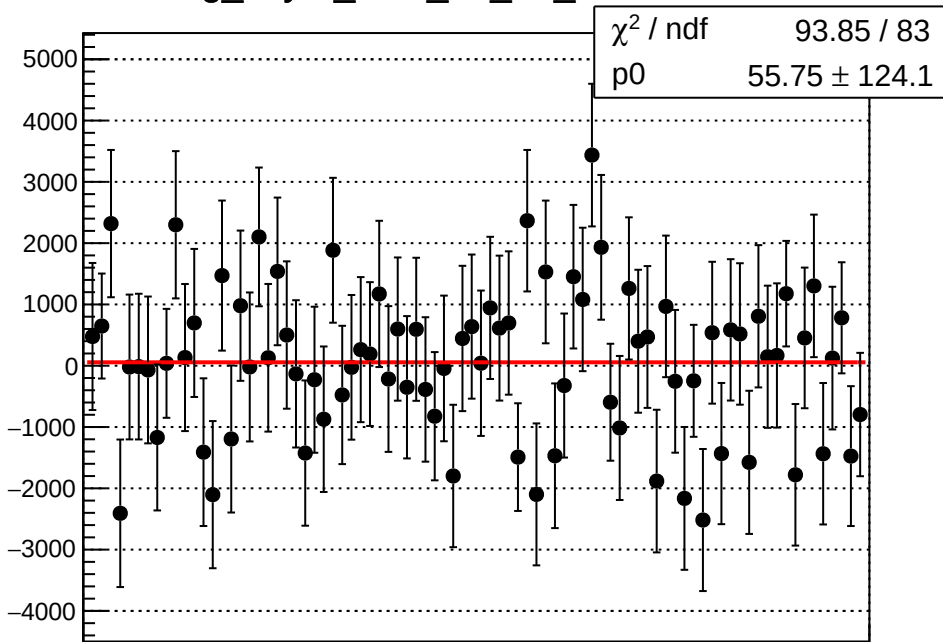
asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs run



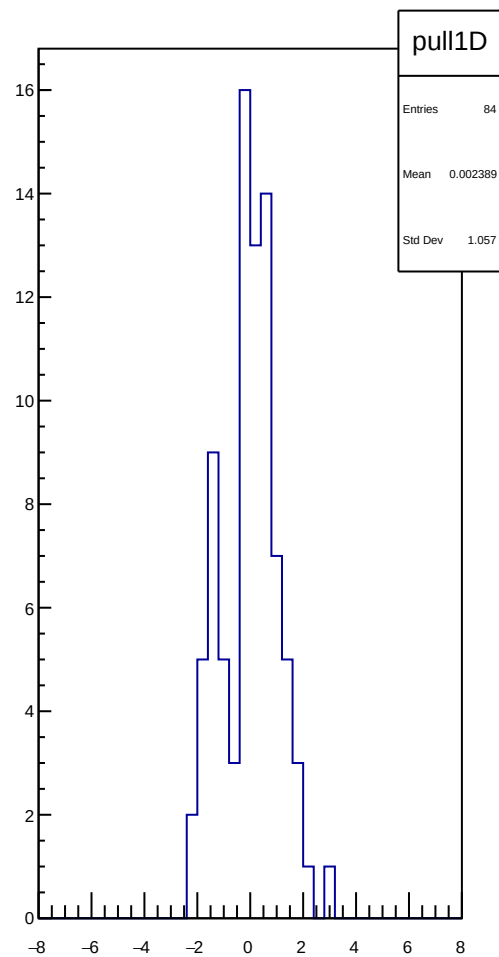
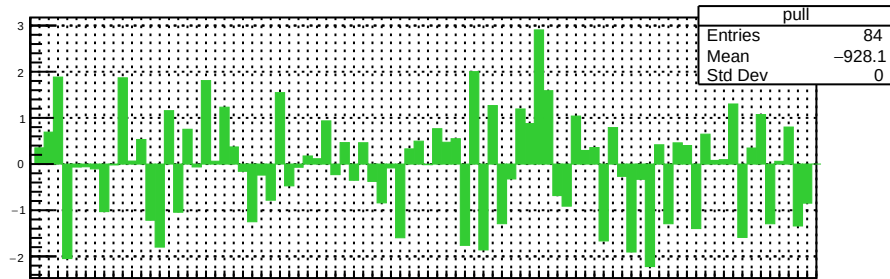
asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs run



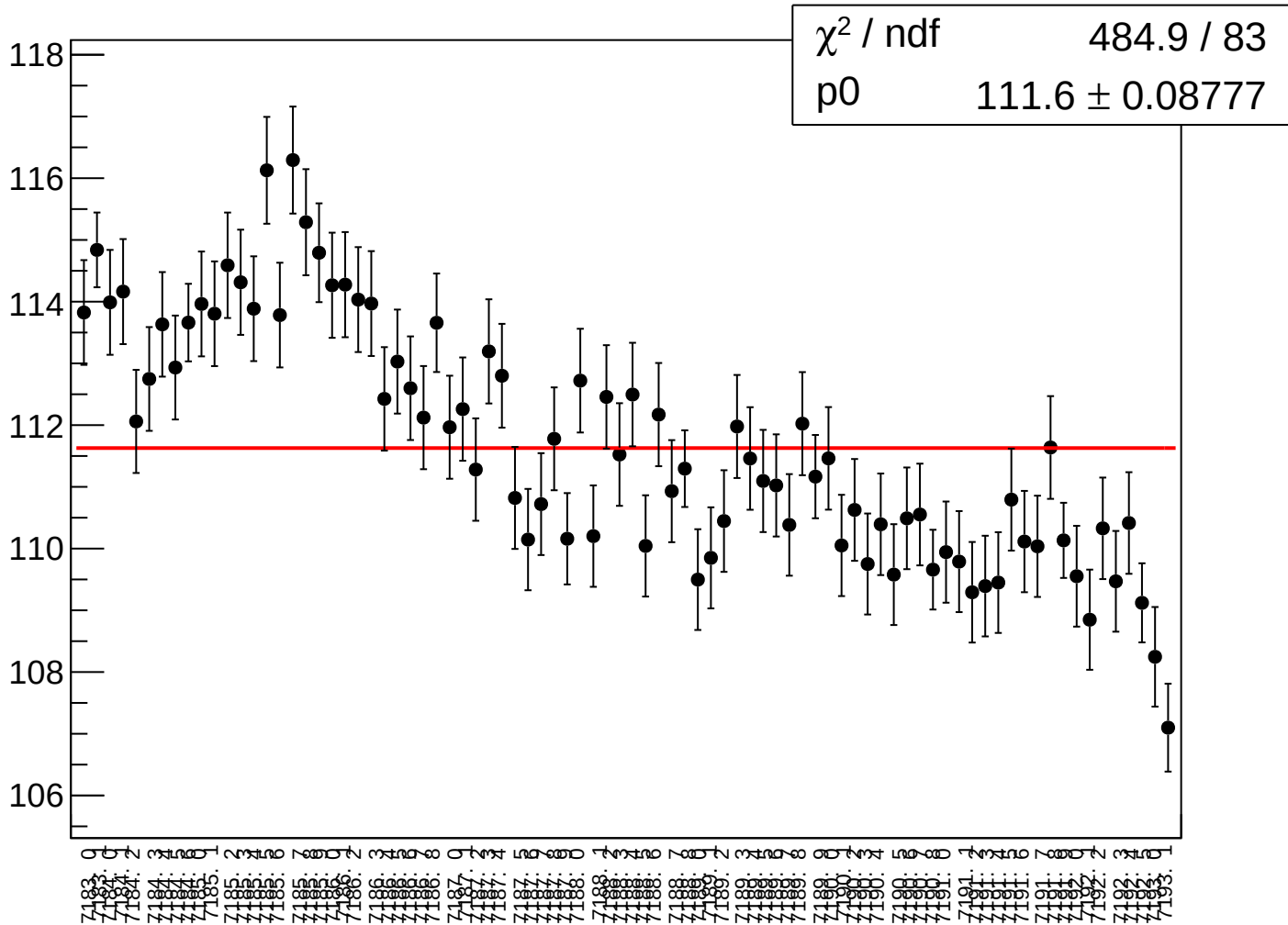
reg_asym_sam_15_dd_mean vs run



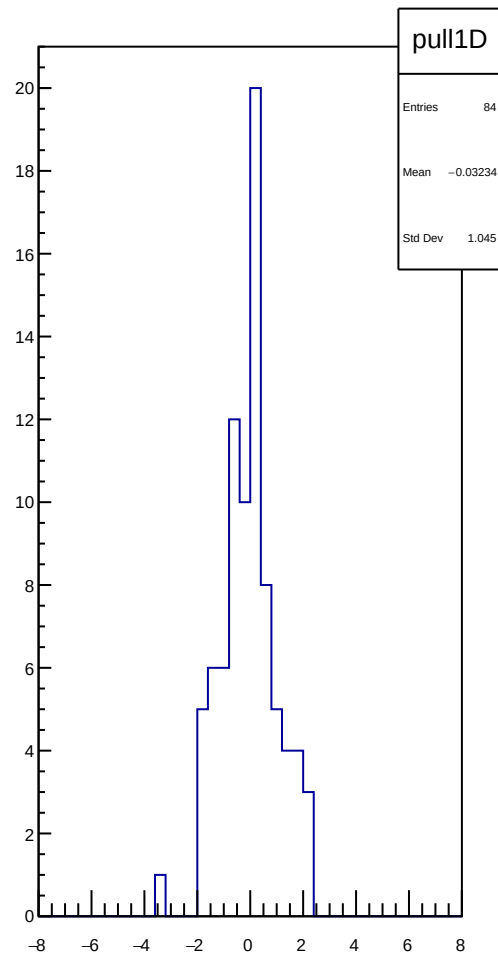
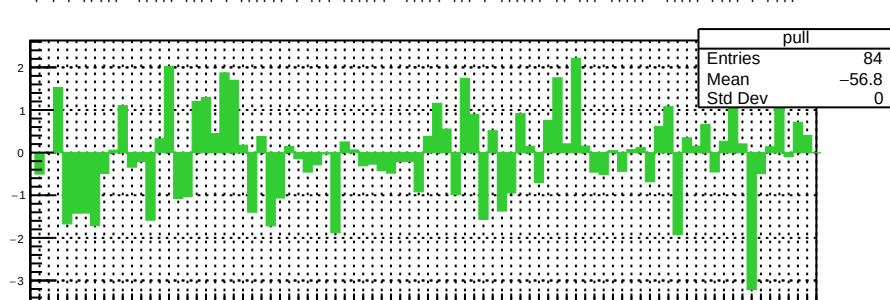
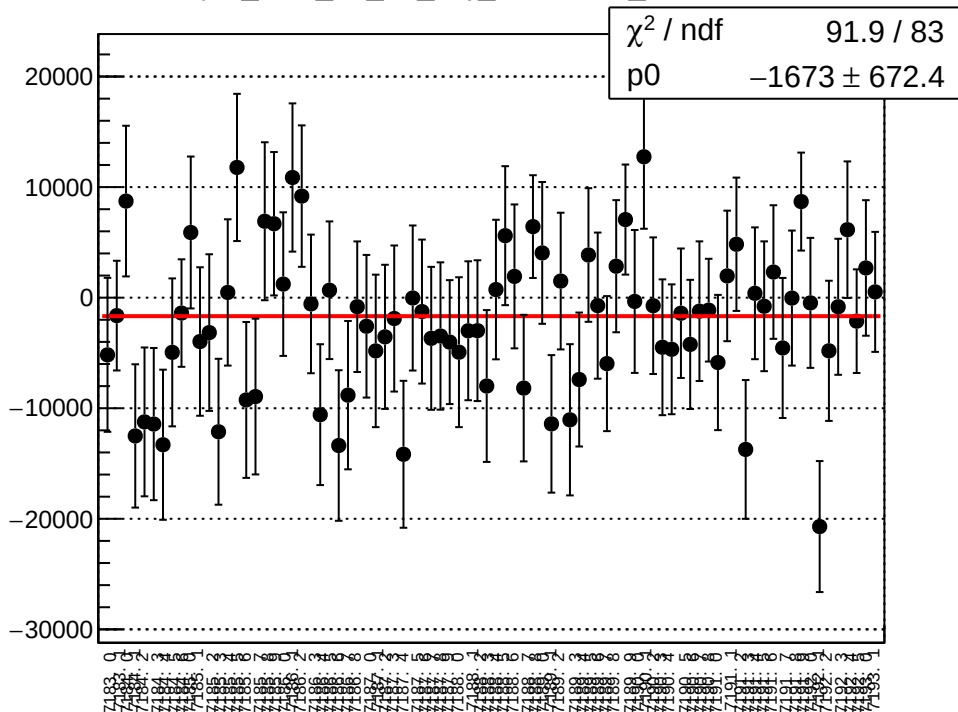
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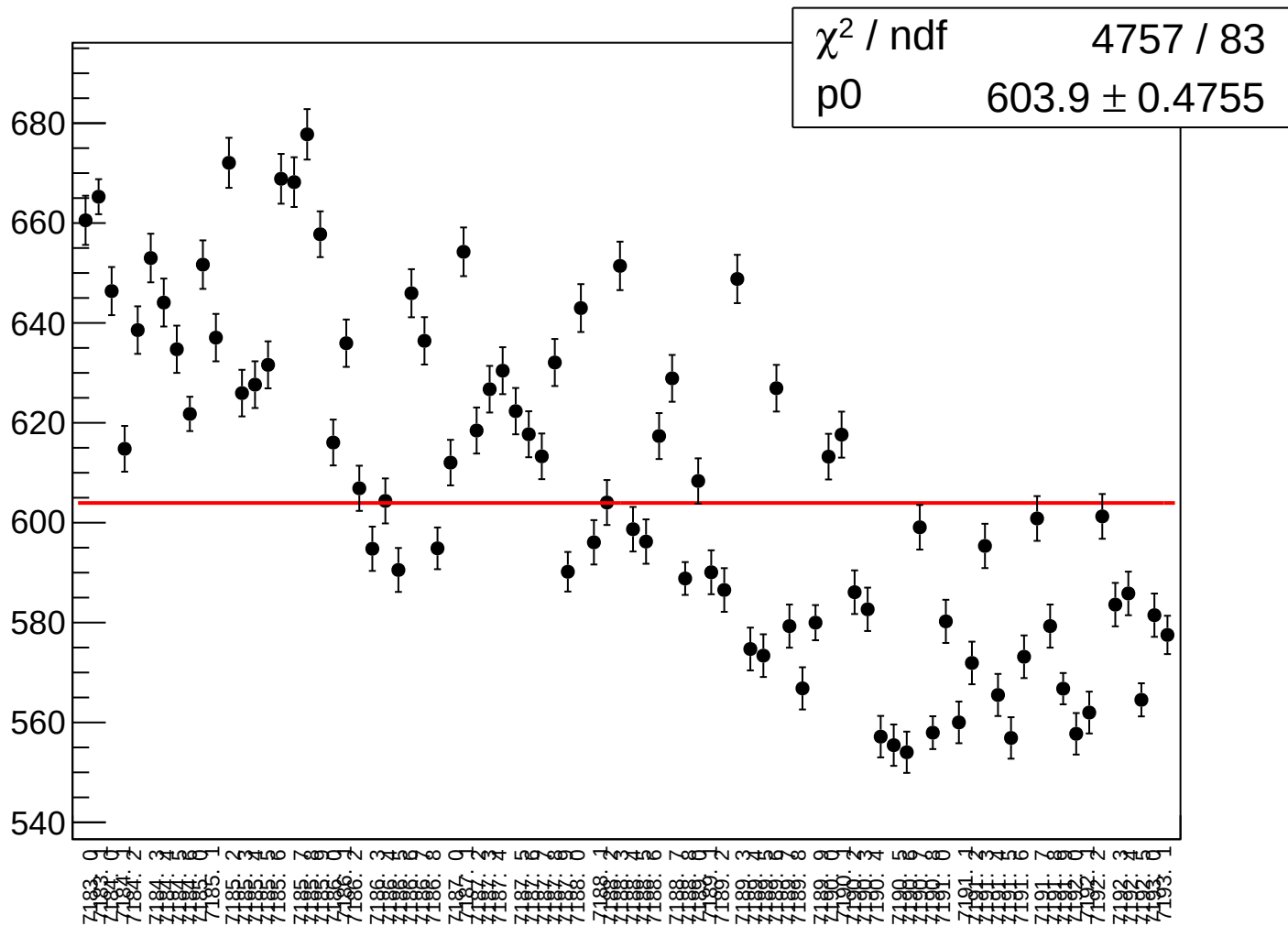
reg_asym_sam_15_dd_rms vs run



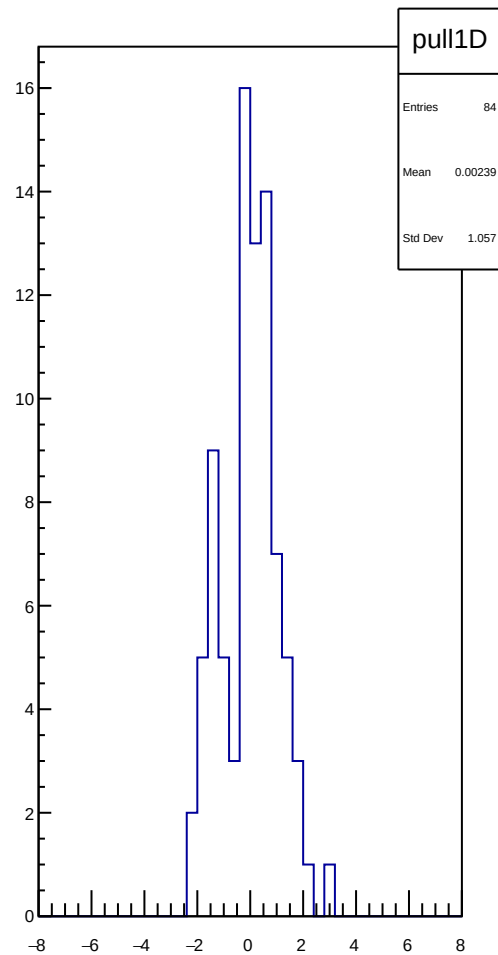
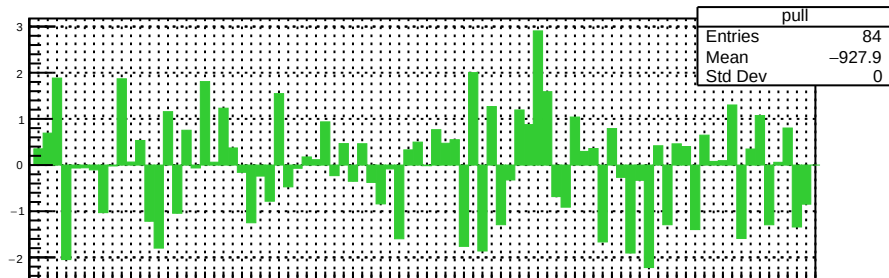
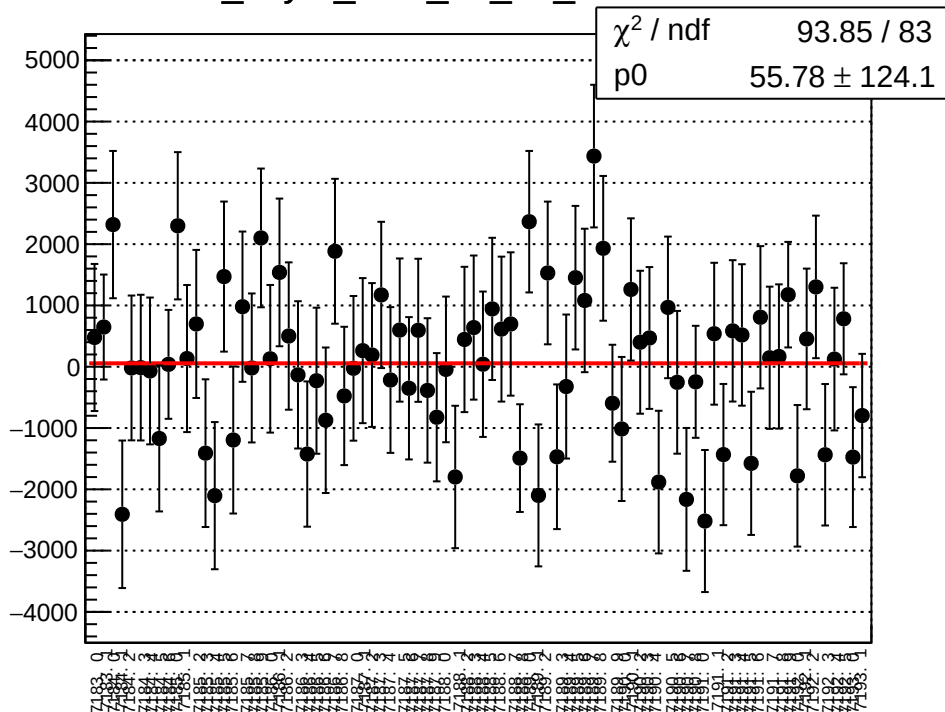
asym_sam_15_dd_reg_correction_mean vs run



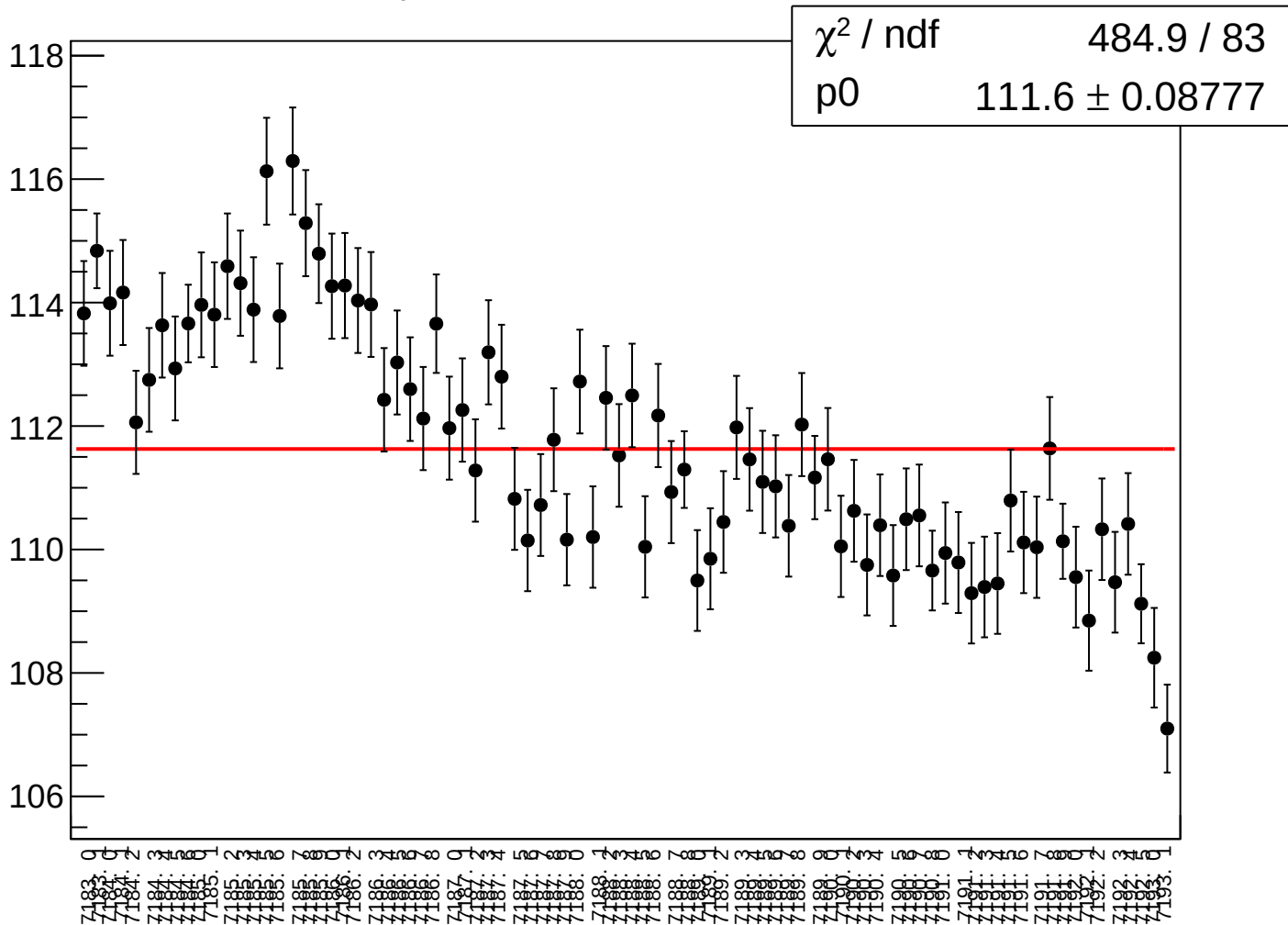
asym_sam_15_dd_reg_correction_rms vs run



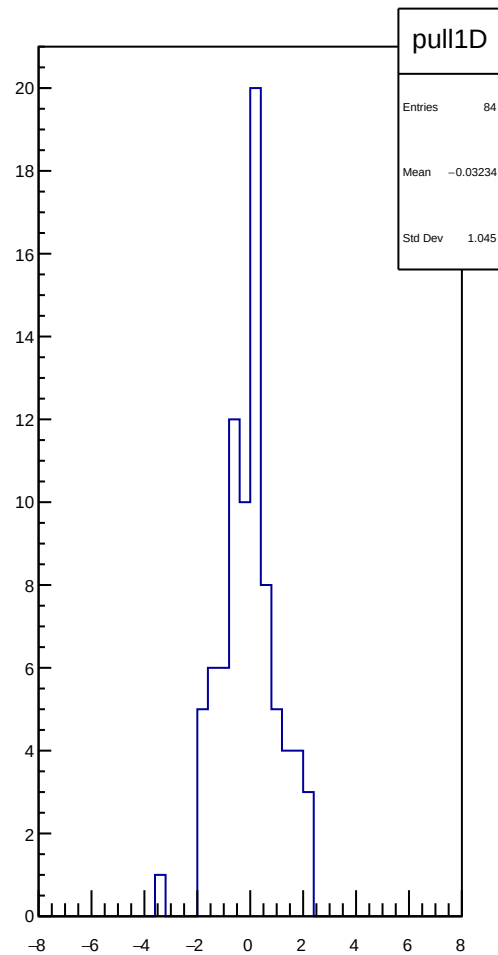
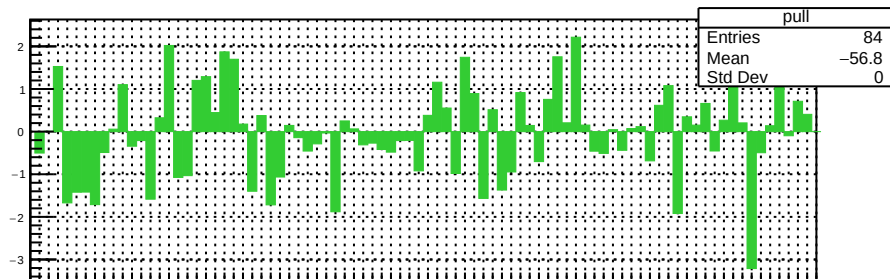
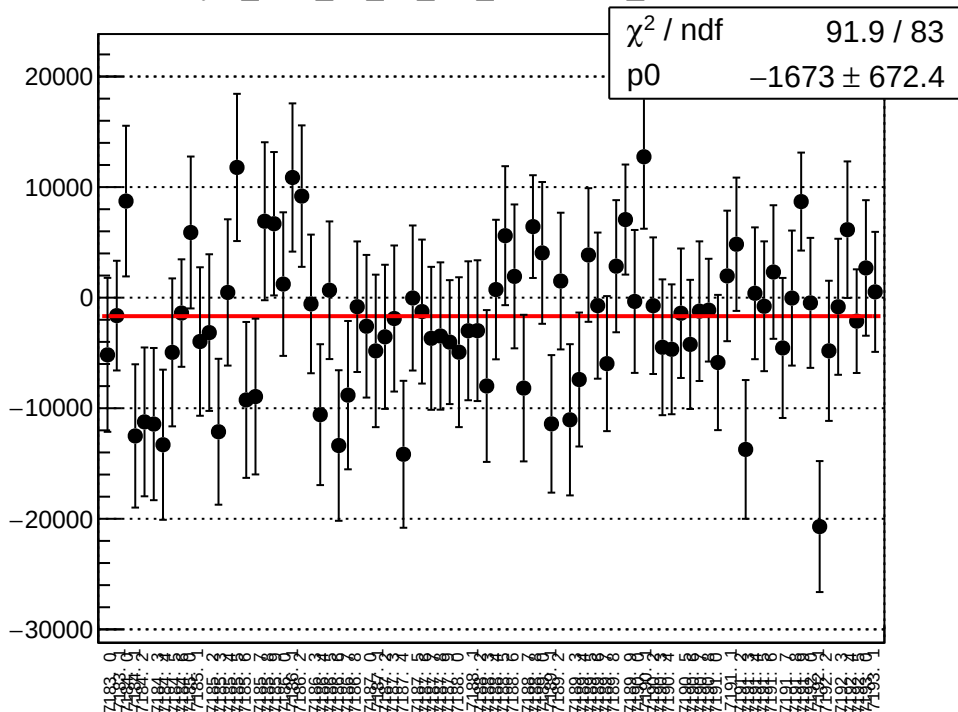
cor_asym_sam_15_dd_mean vs run



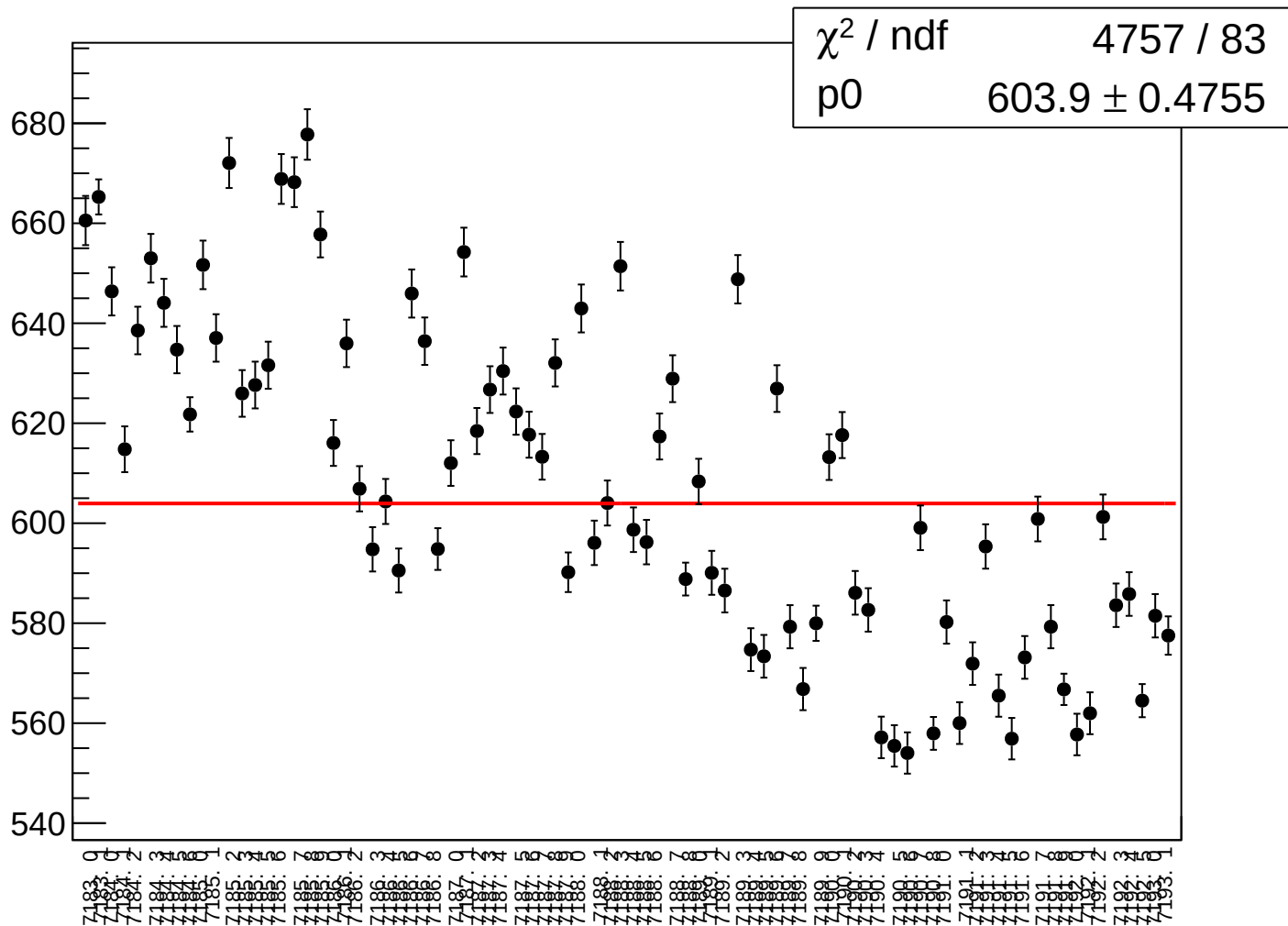
cor_asym_sam_15_dd_rms vs run



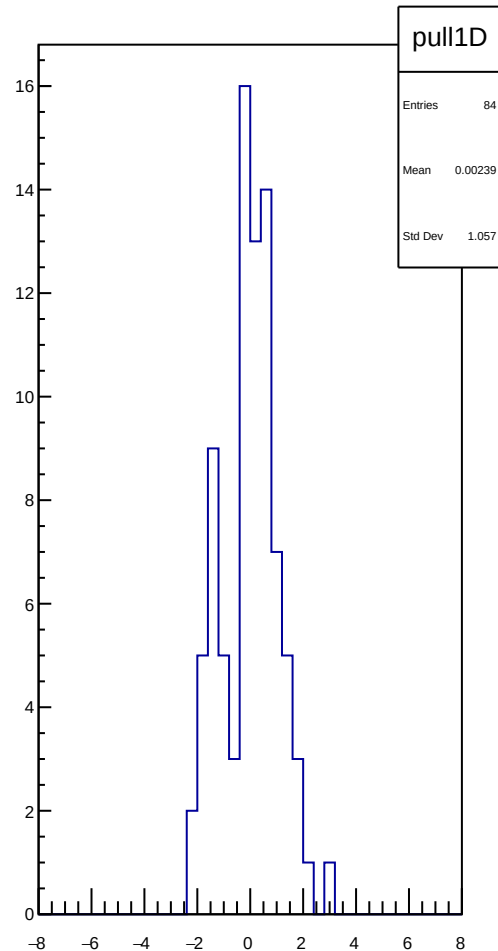
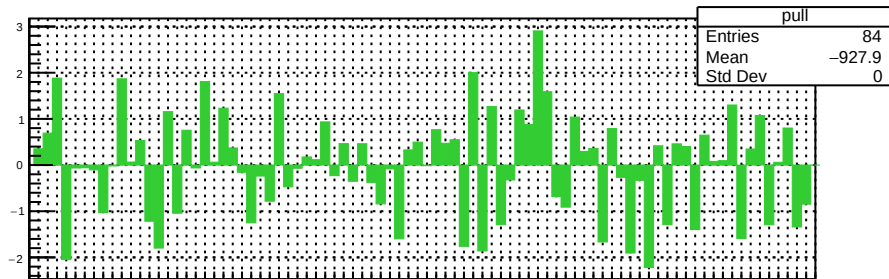
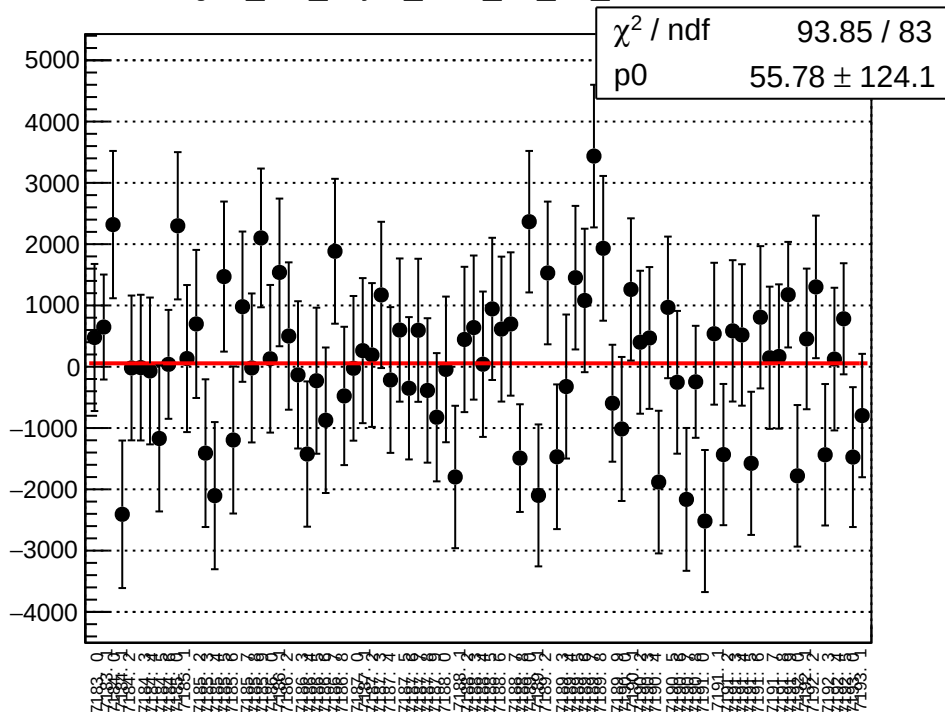
asym_sam_15_dd_cor_correction_mean vs run



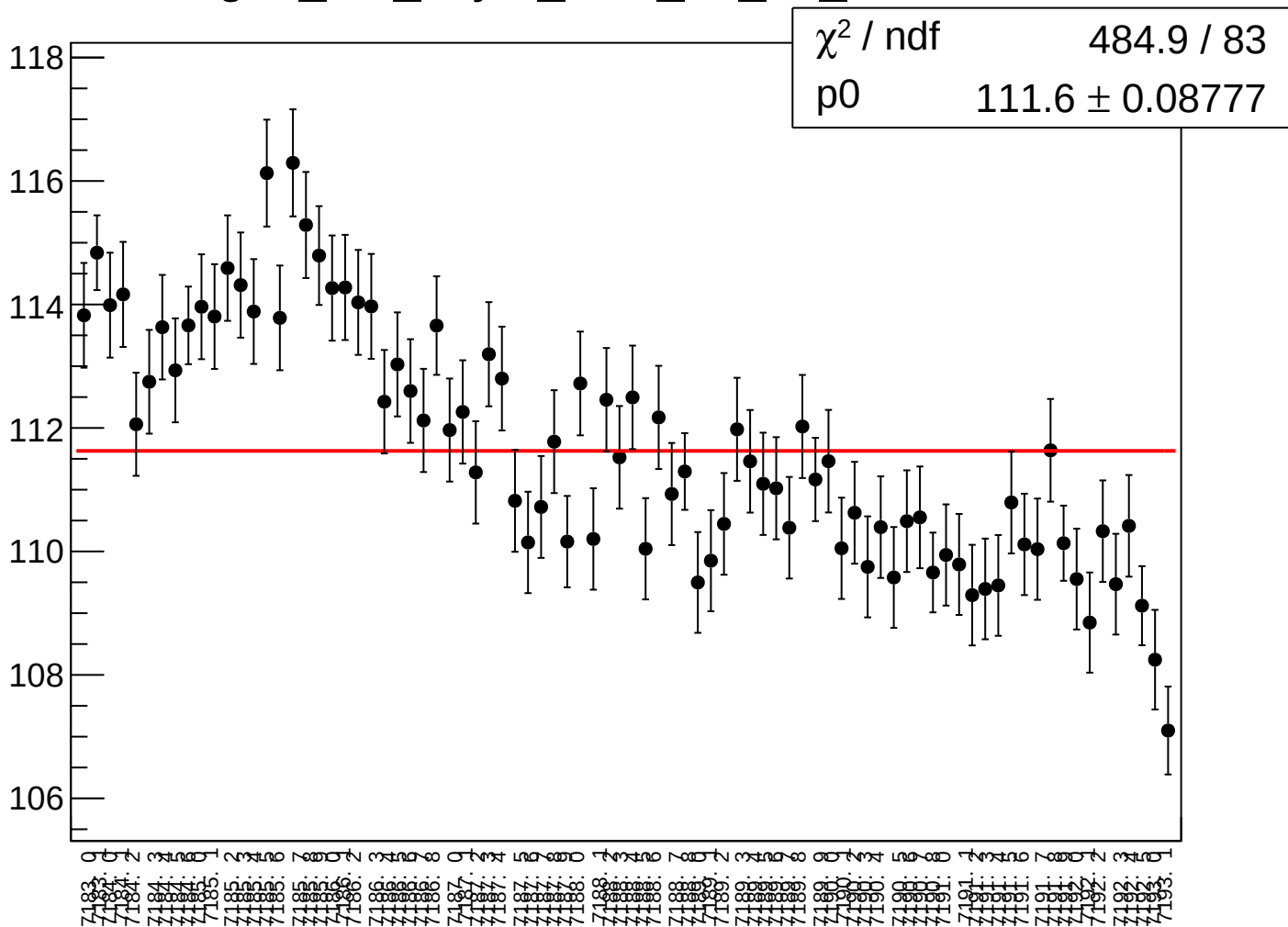
asym_sam_15_dd_cor_correction_rms vs run



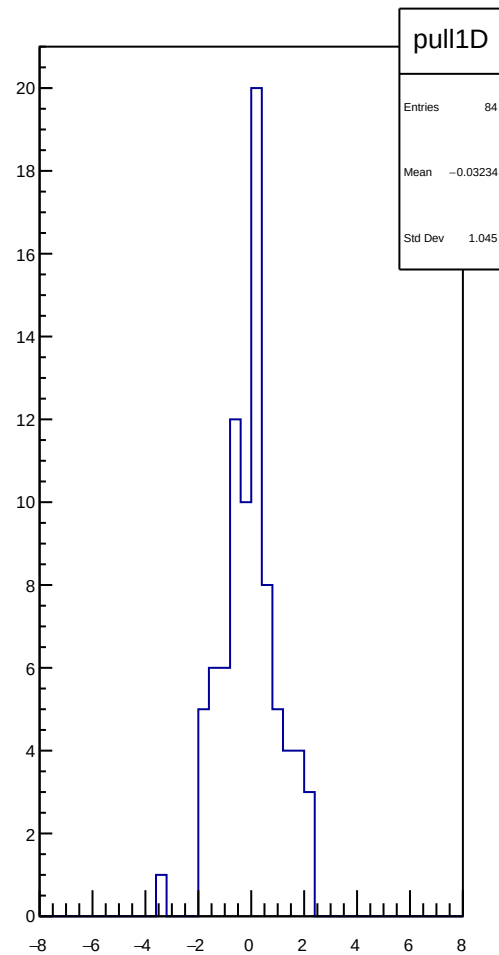
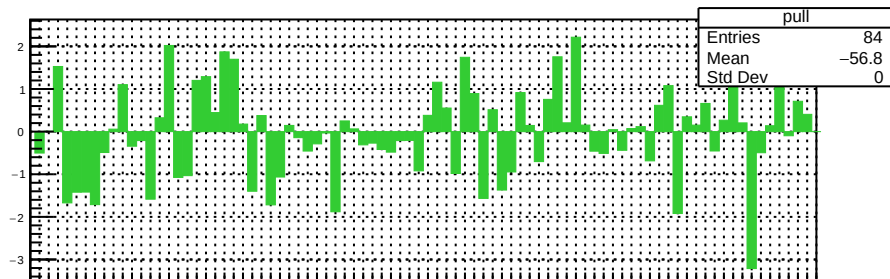
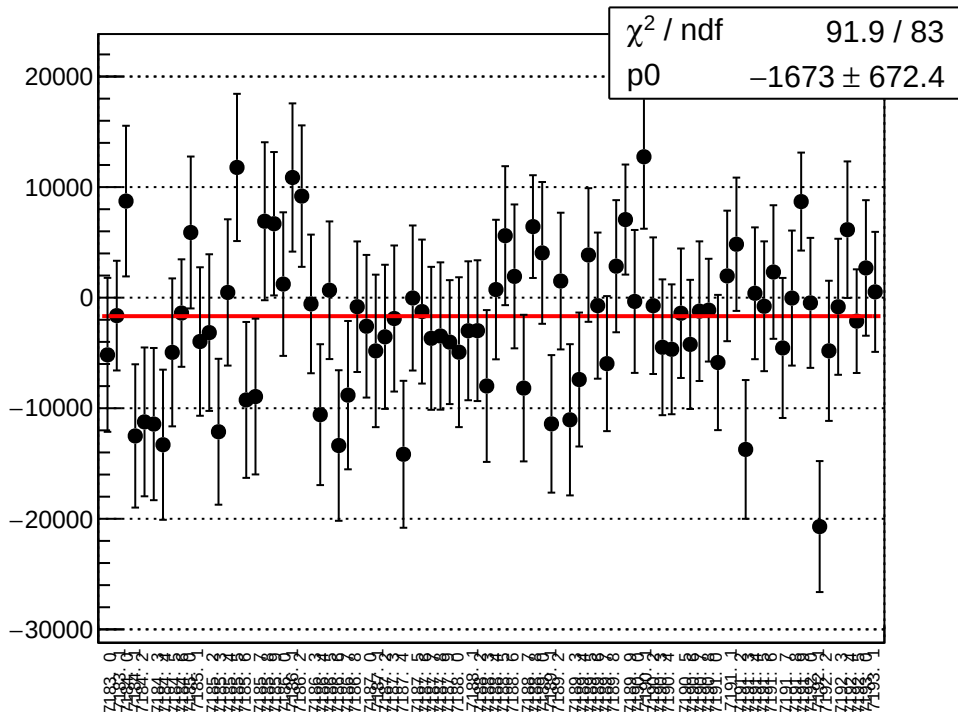
eigen_cor_asym_sam_15_dd_mean vs run



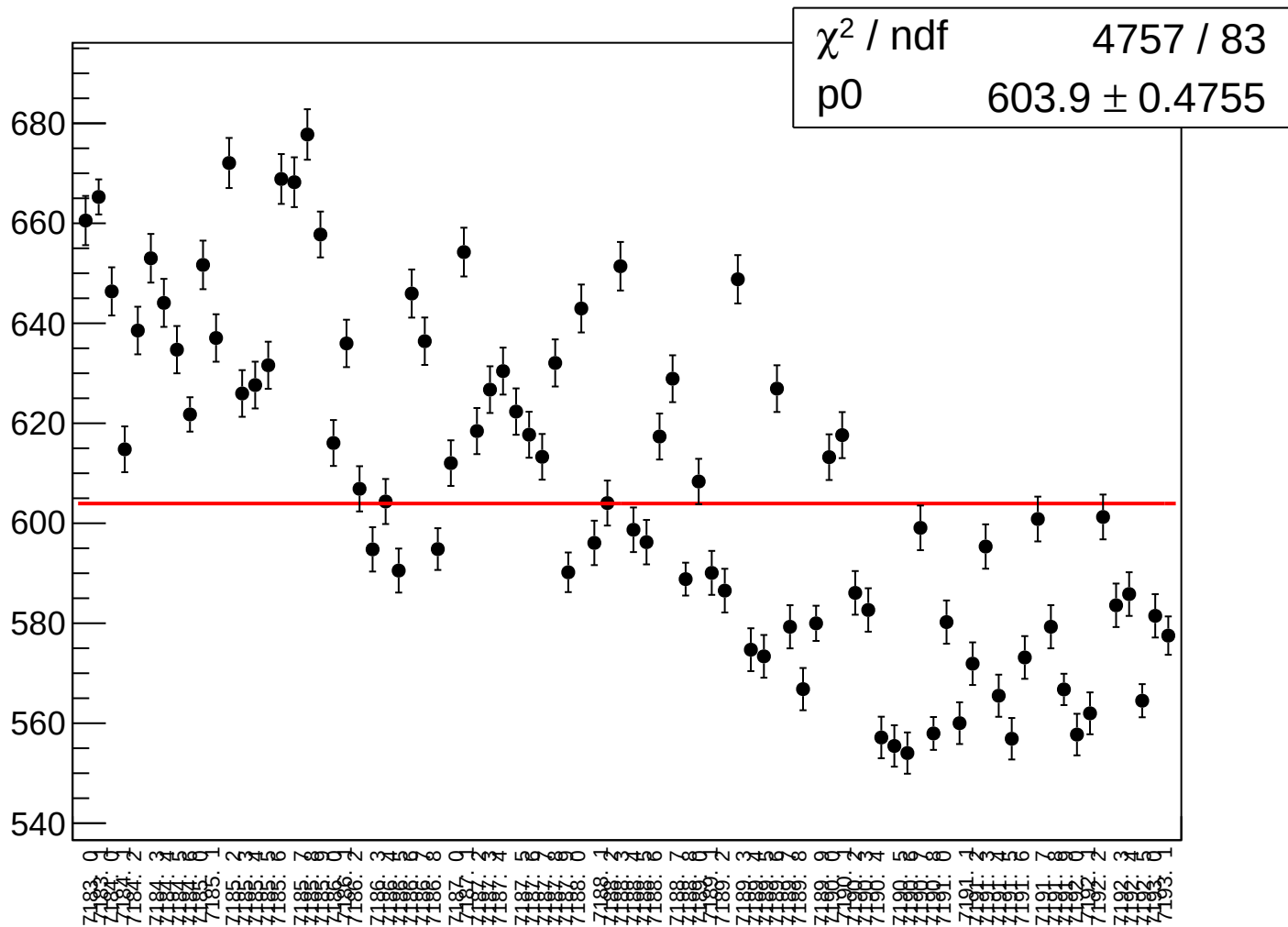
eigen_cor_asym_sam_15_dd_rms vs run



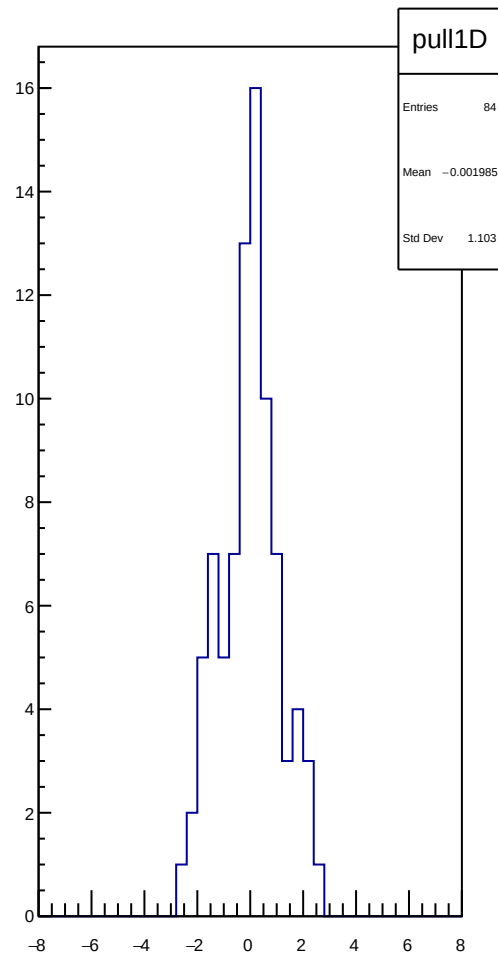
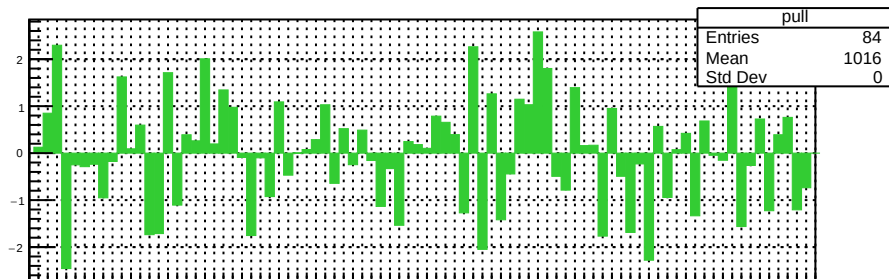
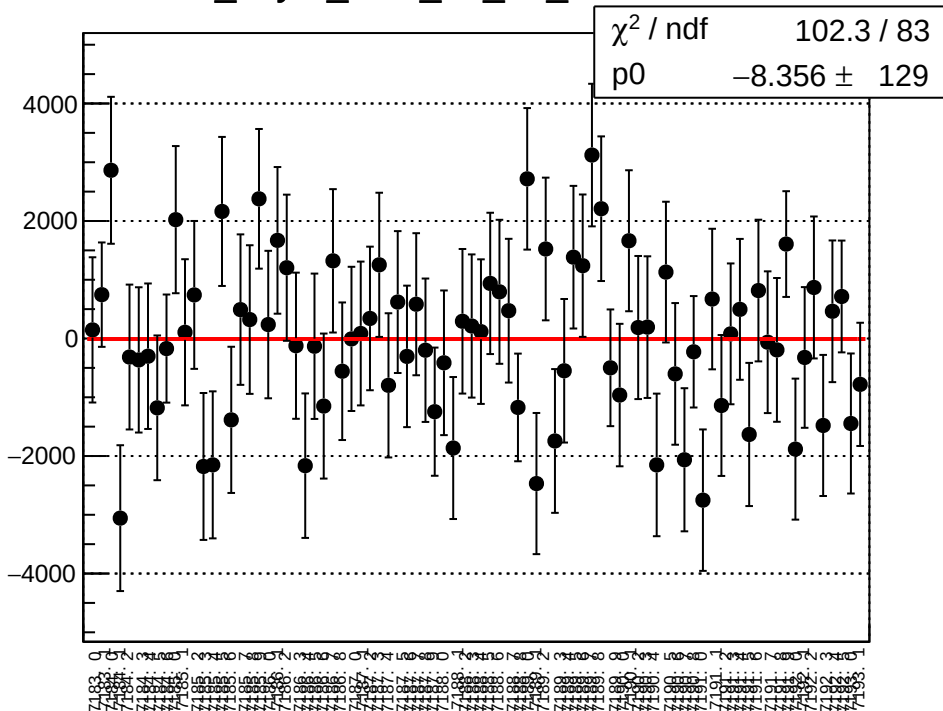
asym_sam_15_dd_eigen_cor_correction_mean vs run



asym_sam_15_dd_eigen_cor_correction_rms vs run



dit_asym_sam_15_dd_mean vs run



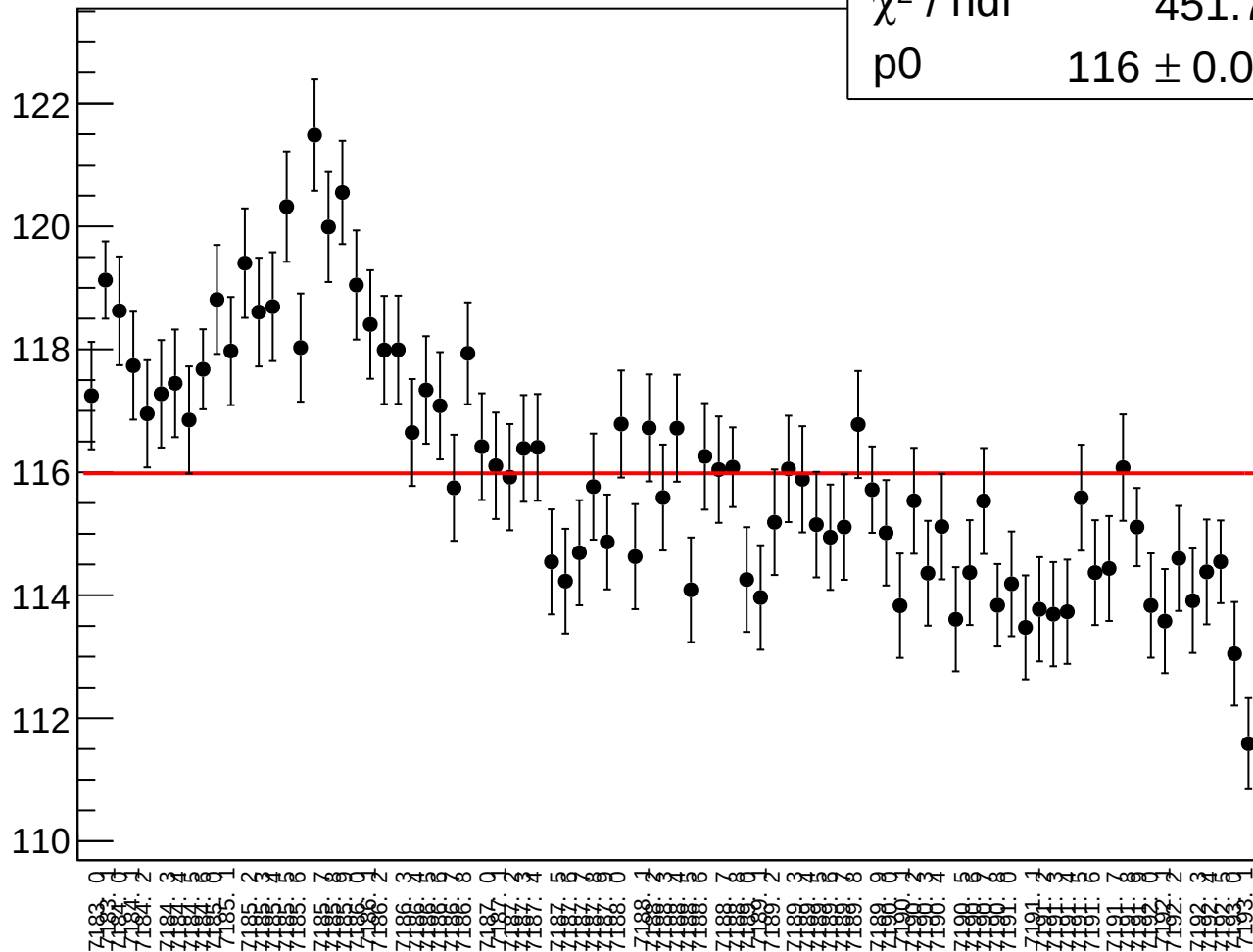
dit_asym_sam_15_dd_rms vs run

χ^2 / ndf

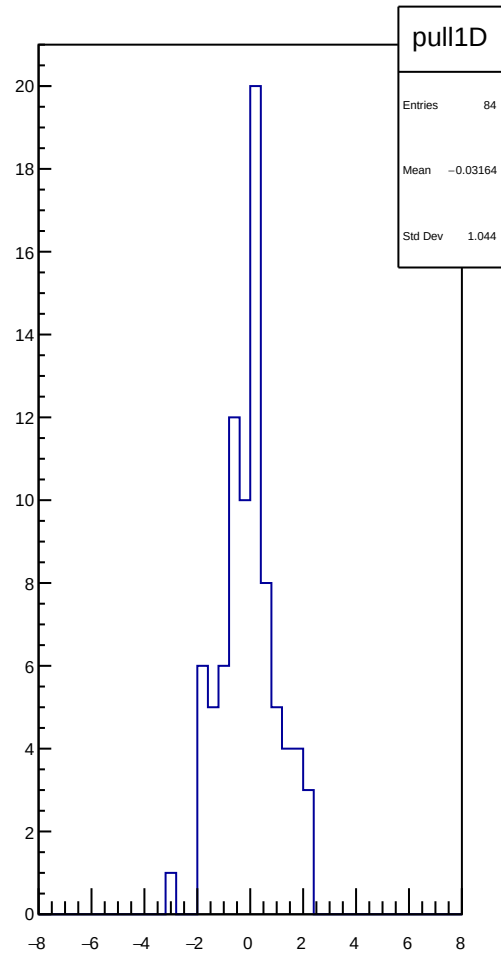
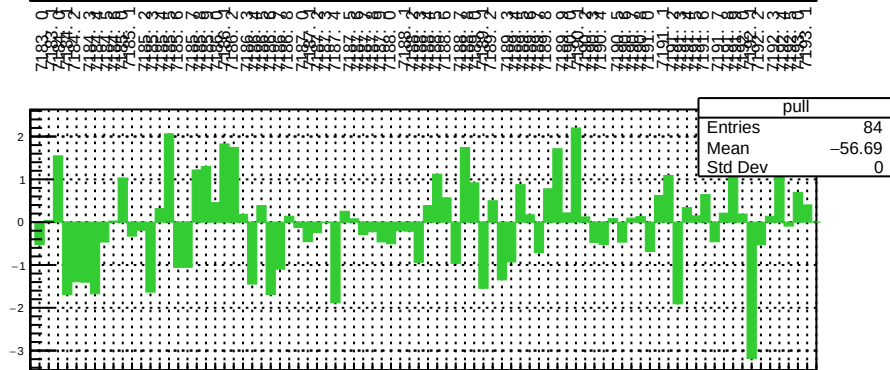
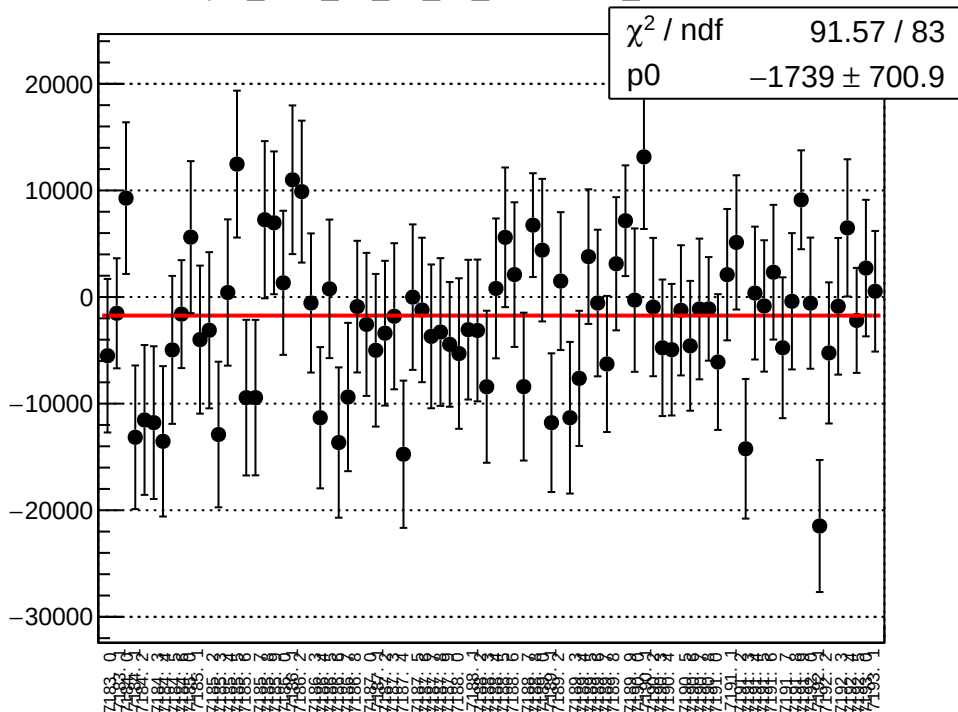
451.7 / 83

p0

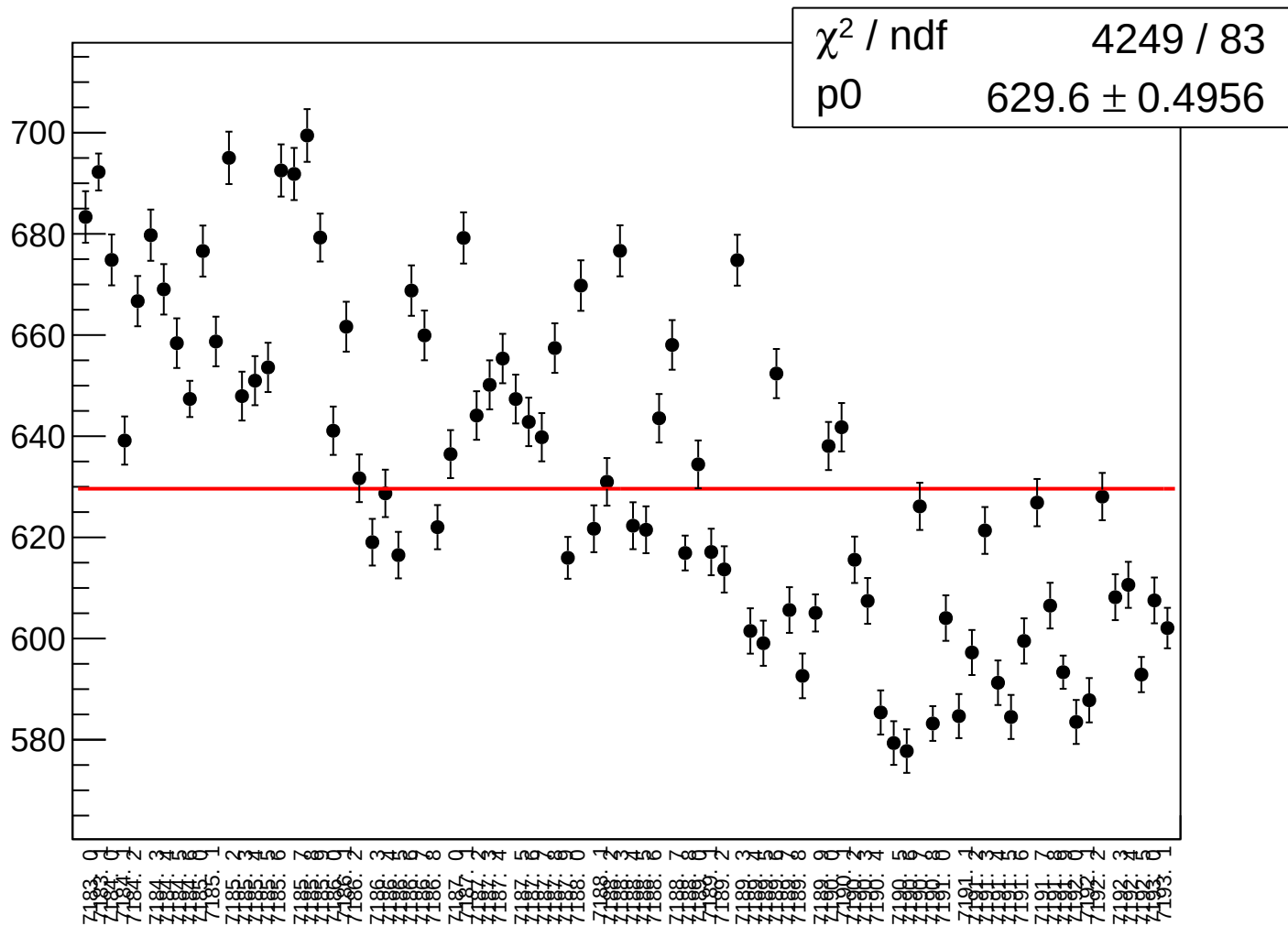
116 ± 0.09119



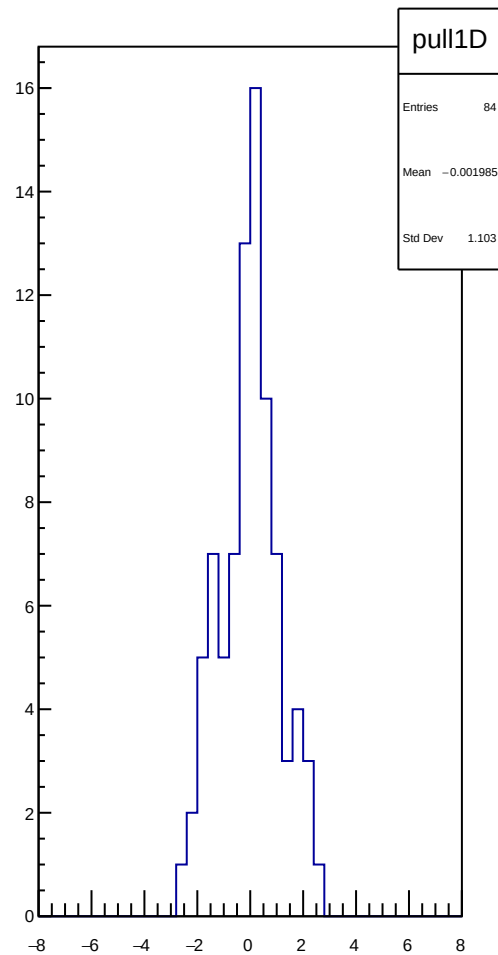
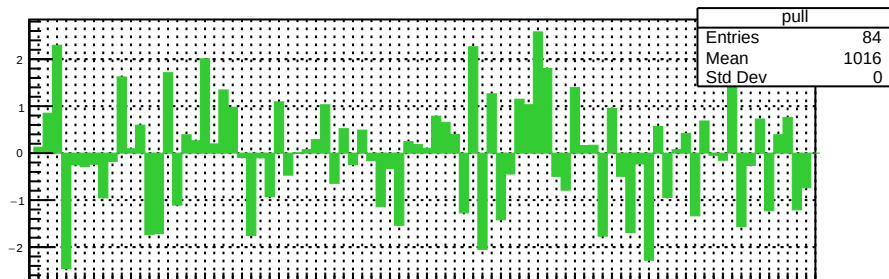
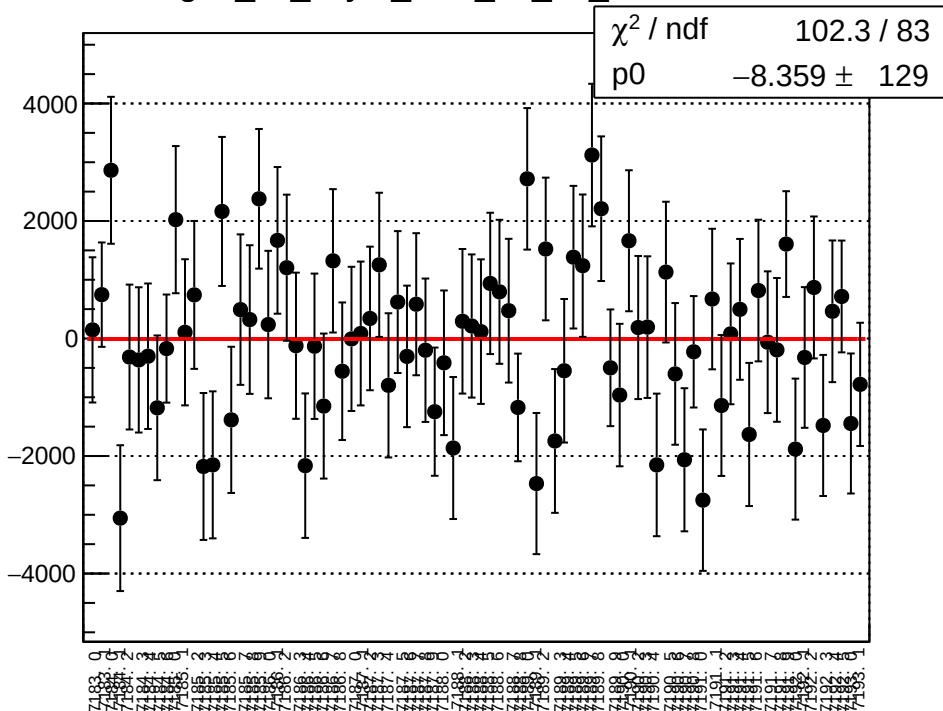
asym_sam_15_dd_dit_correction_mean vs run



asym_sam_15_dd_dit_correction_rms vs run



eigen_dit_asym_sam_15_dd_mean vs run



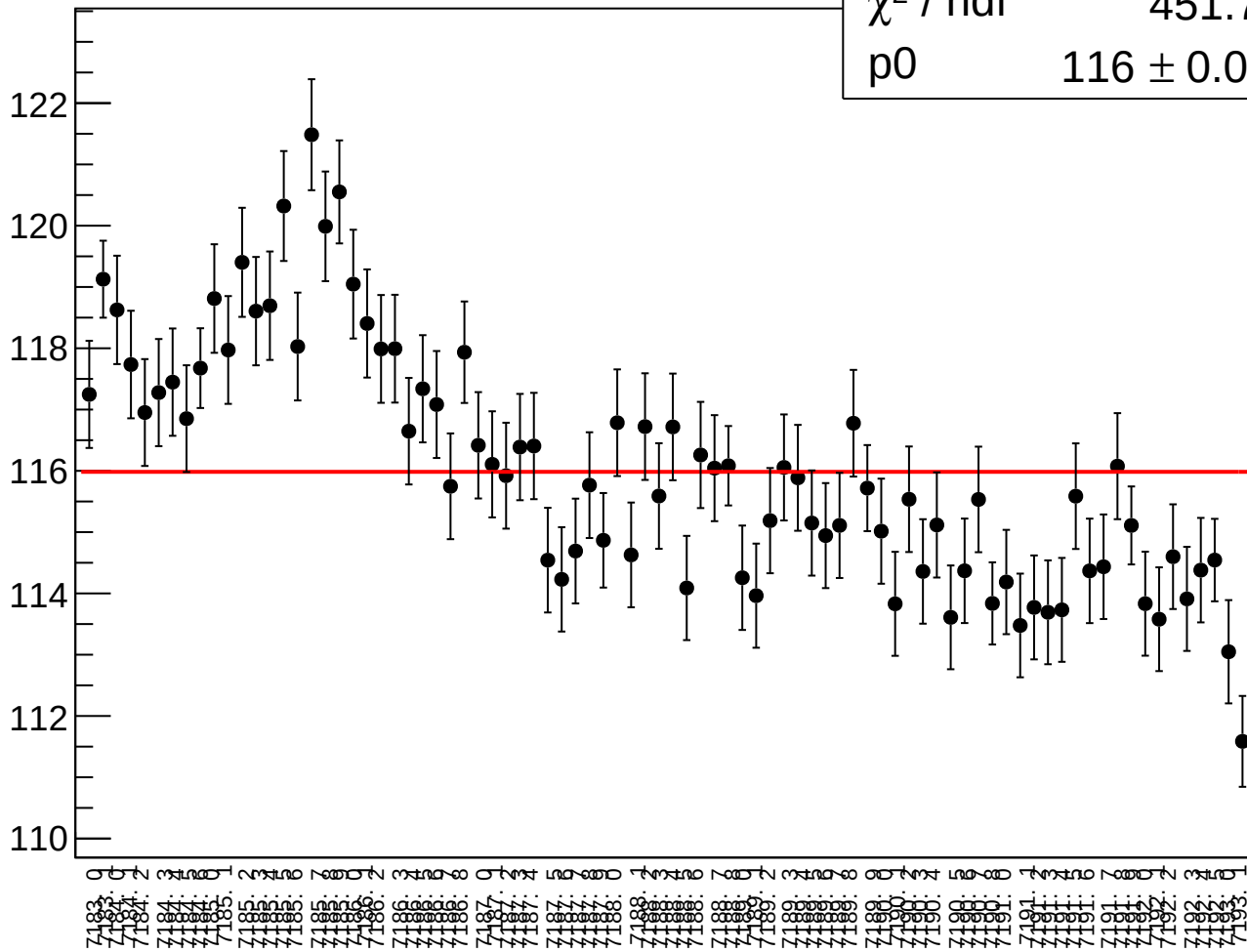
eigen_dit_asym_sam_15_dd_rms vs run

χ^2 / ndf

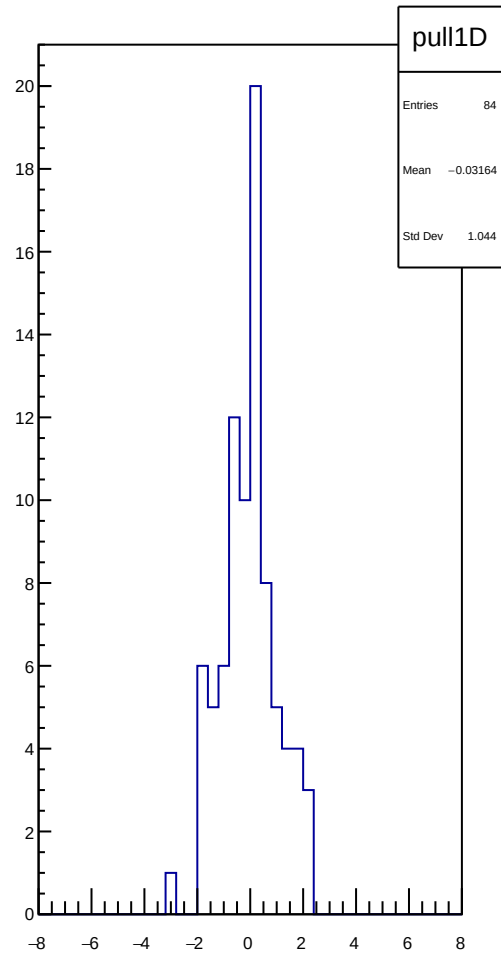
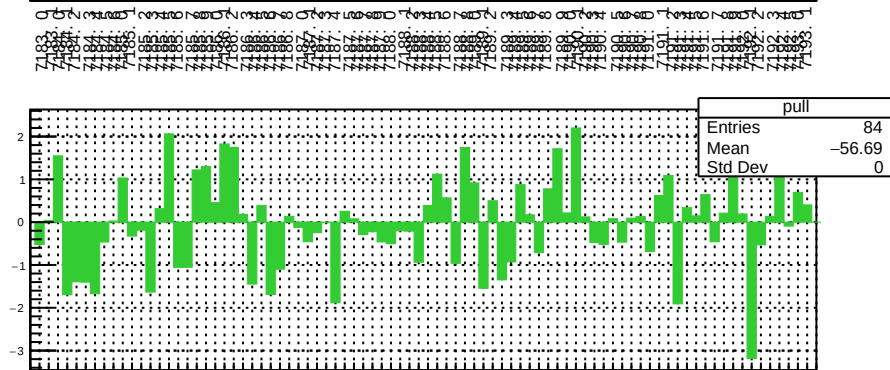
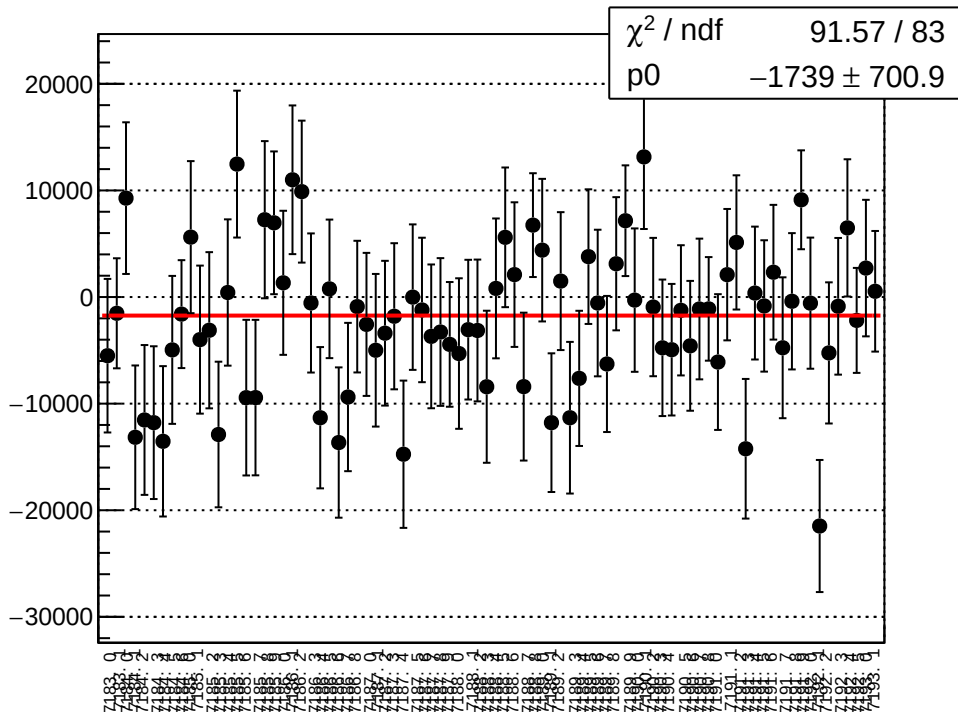
451.7 / 83

p0

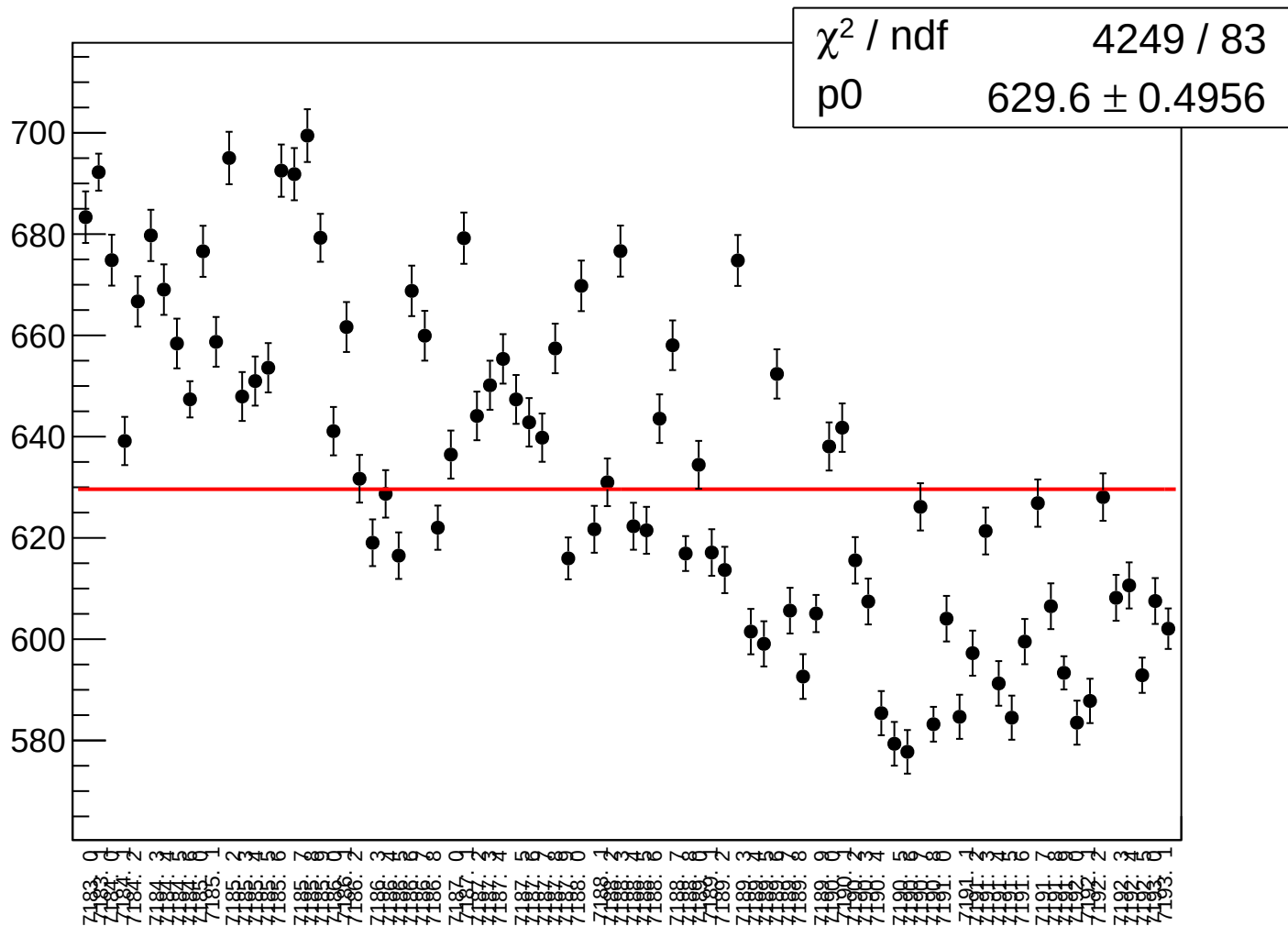
116 ± 0.09119



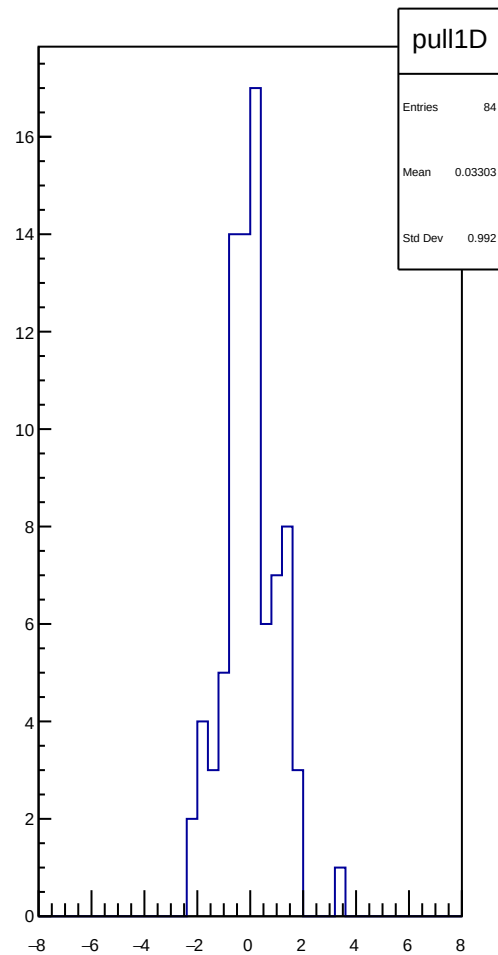
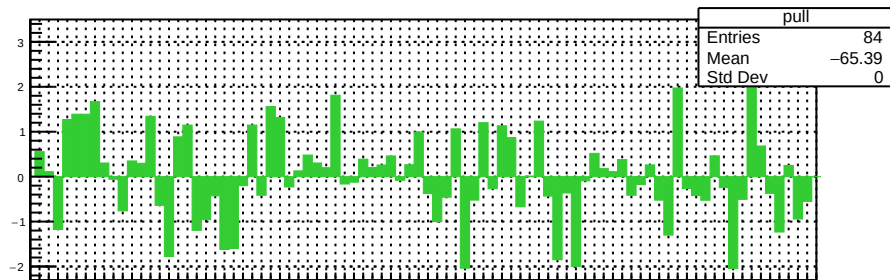
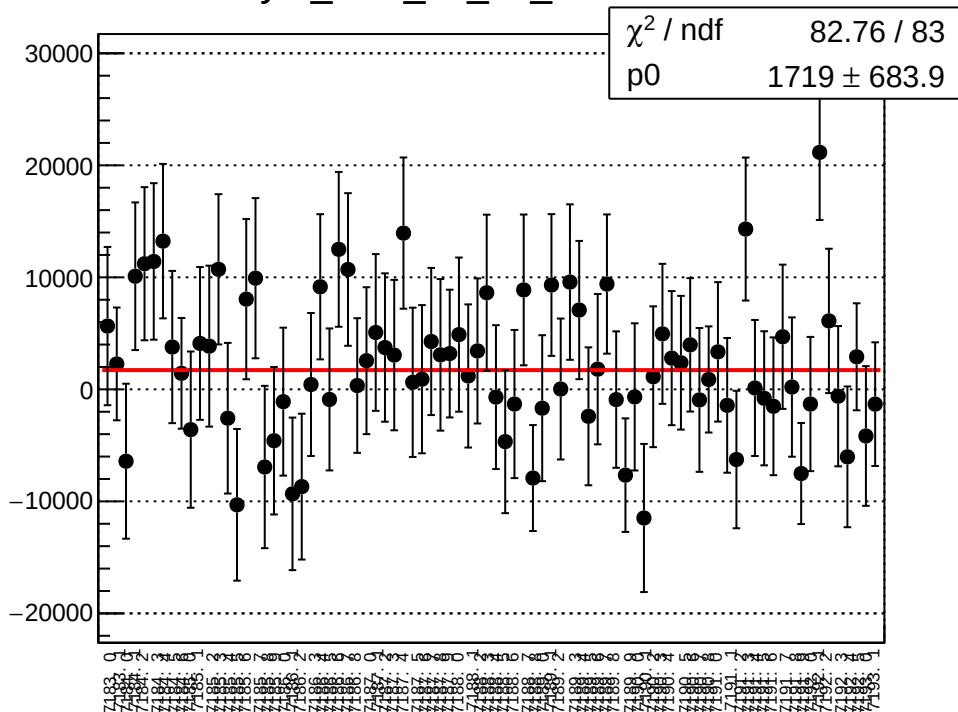
asym_sam_15_dd_eigen_dit_correction_mean vs run



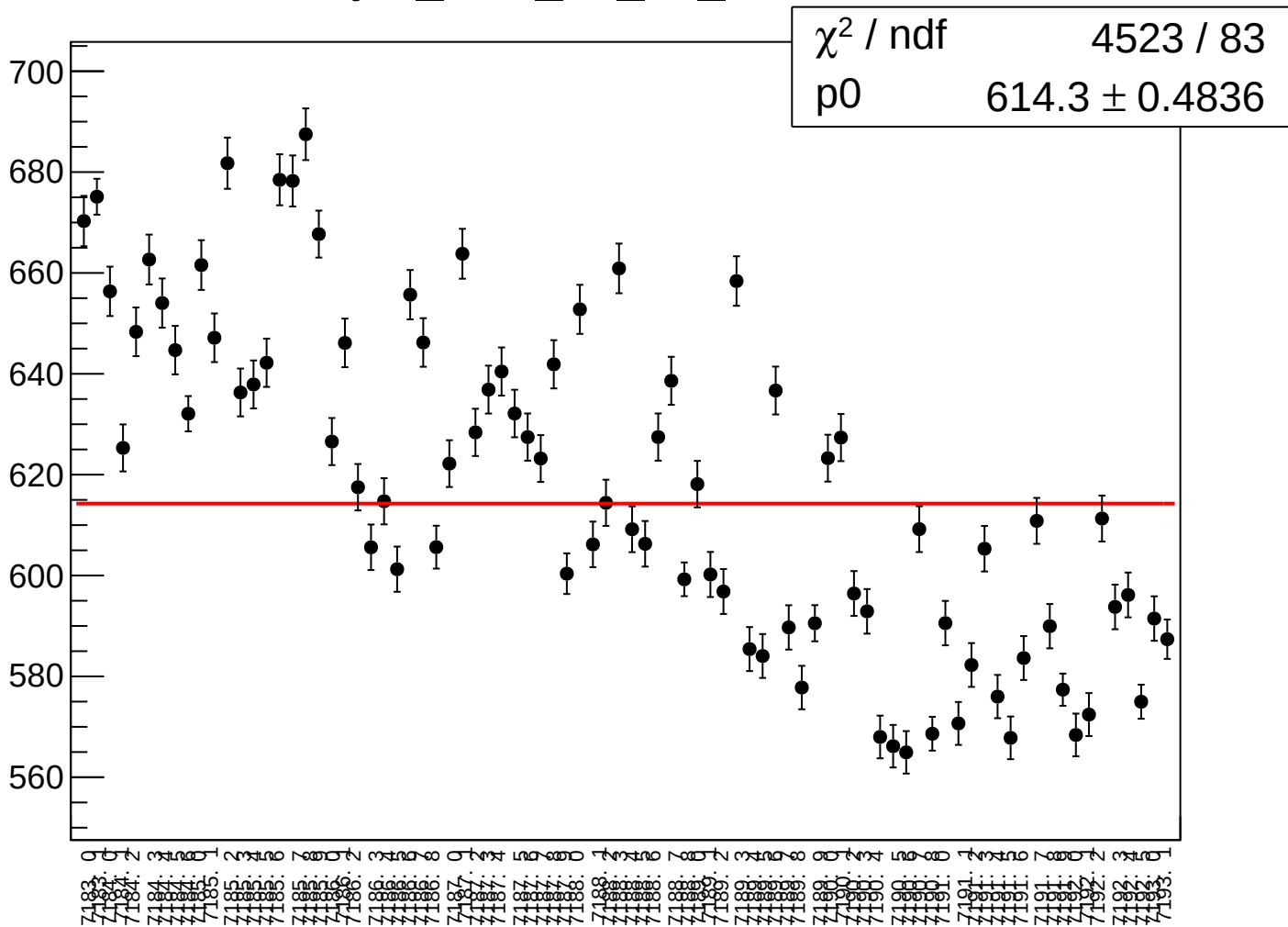
asym_sam_15_dd_eigen_dit_correction_rms vs run



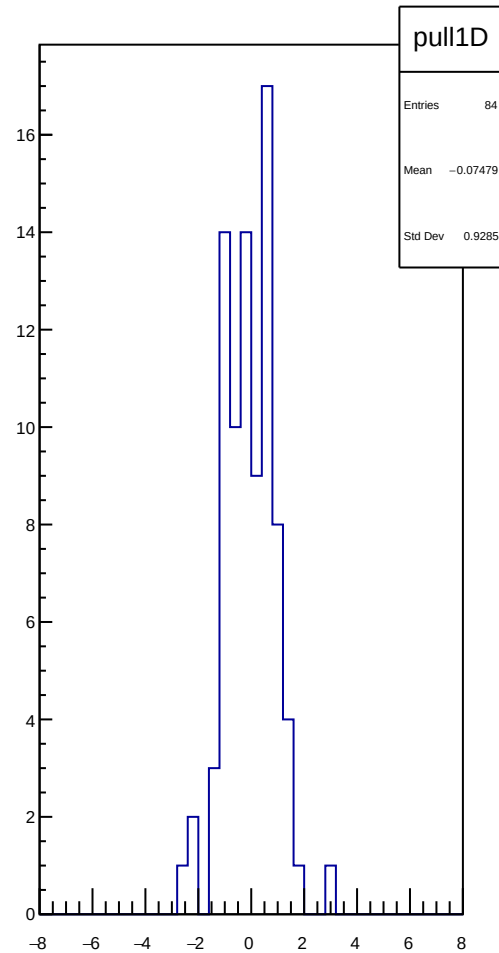
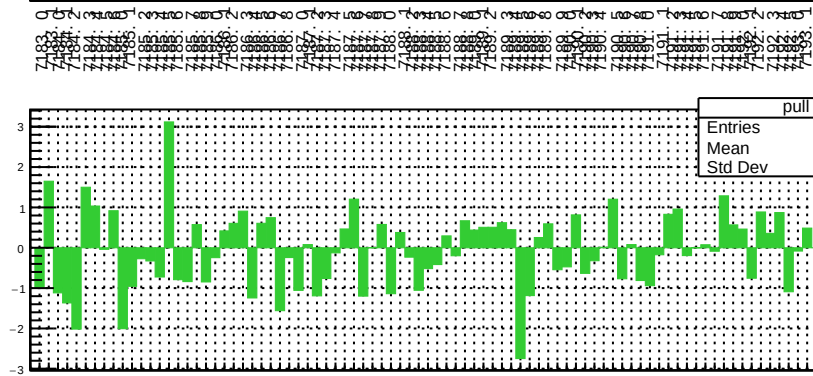
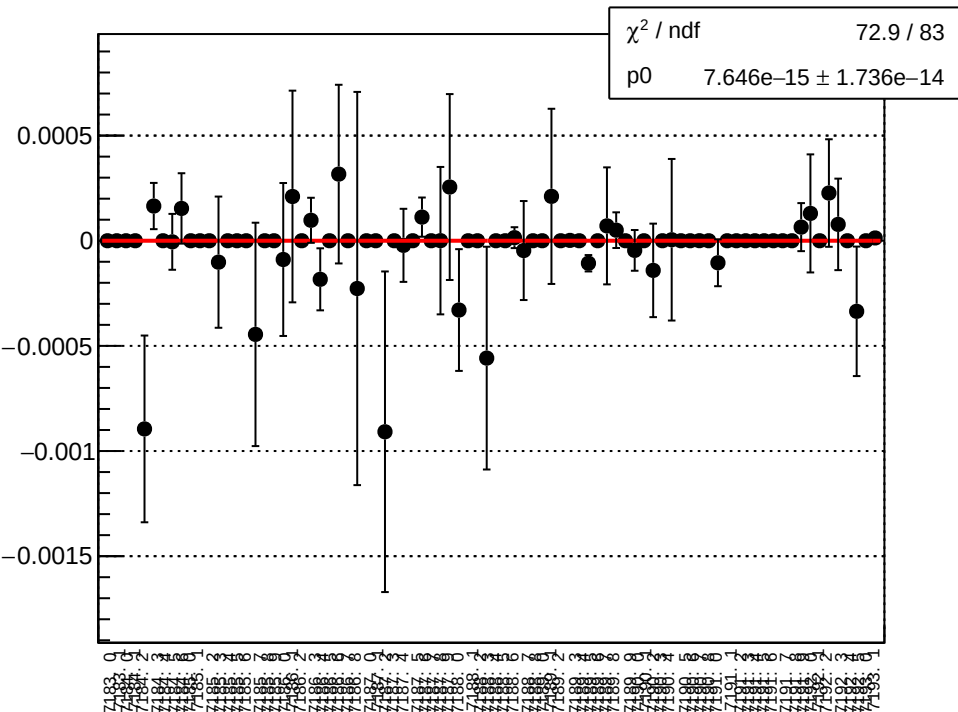
asym_sam_15_dd_mean vs run



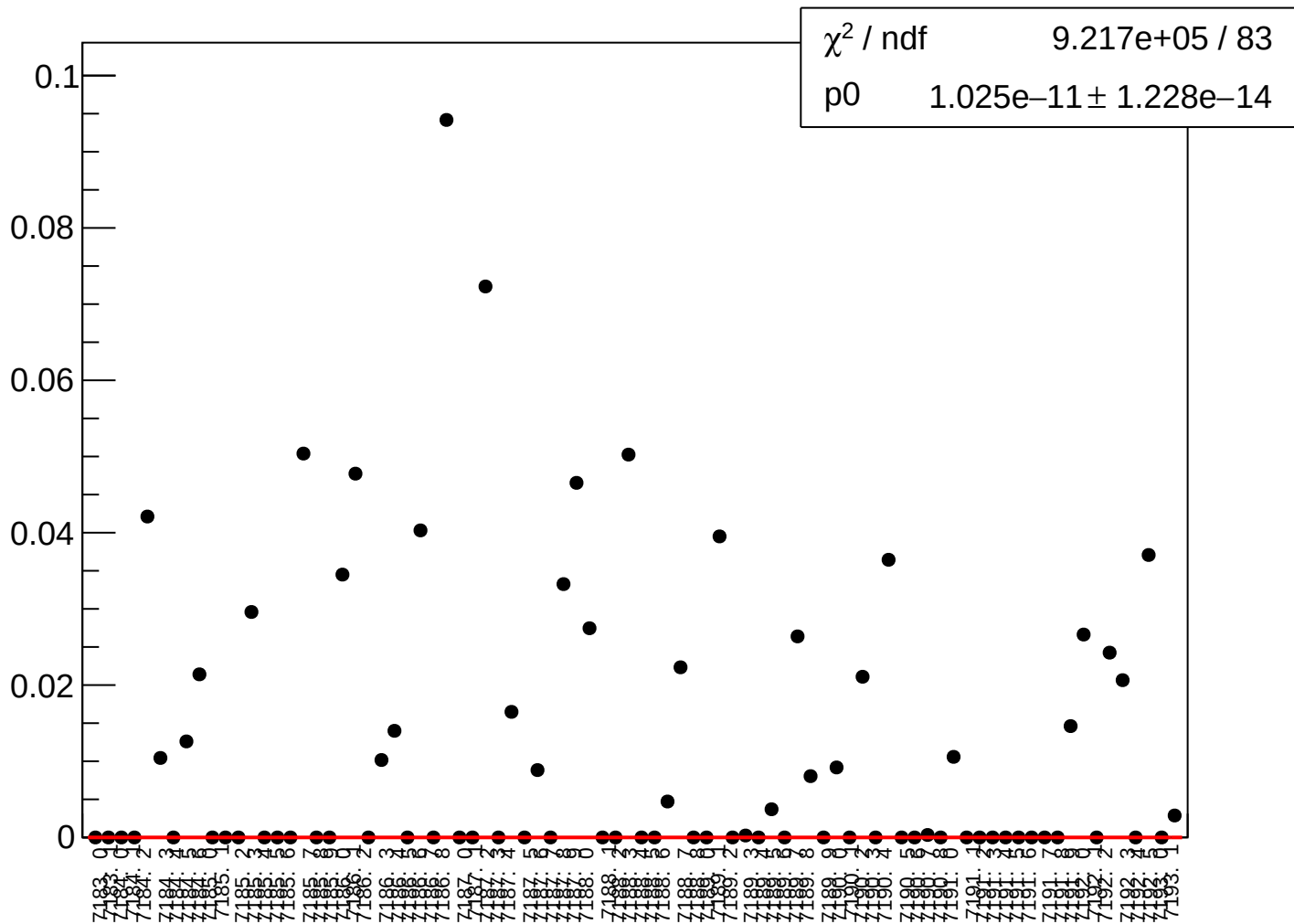
asym_sam_15_dd_rms vs run



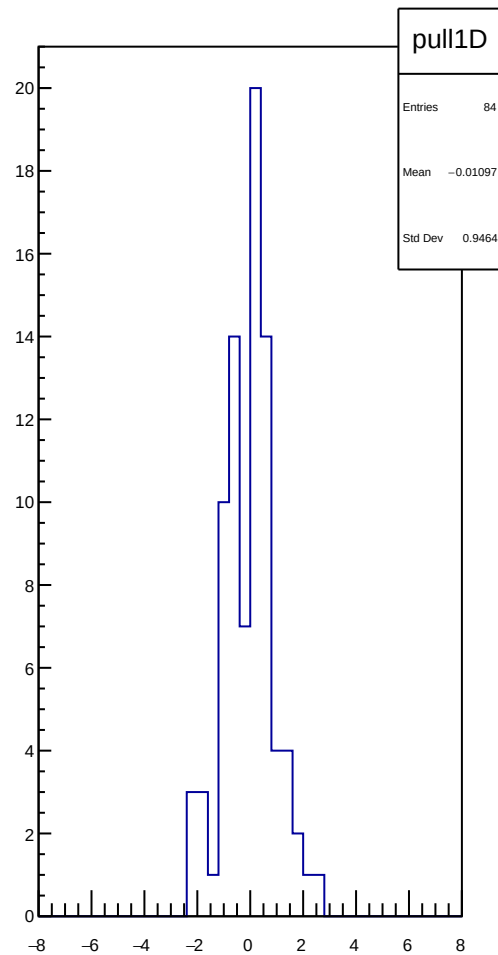
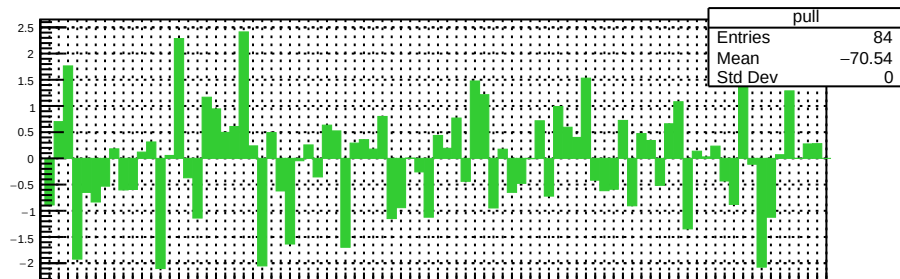
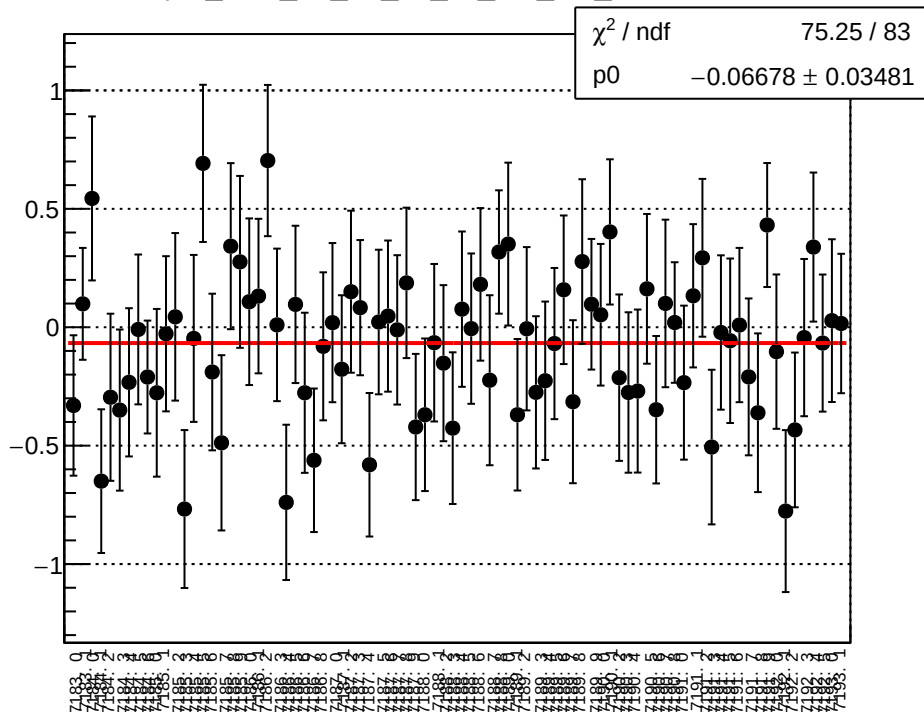
asym_sam_15_dd_reg_vs_cor_diff_mean vs run



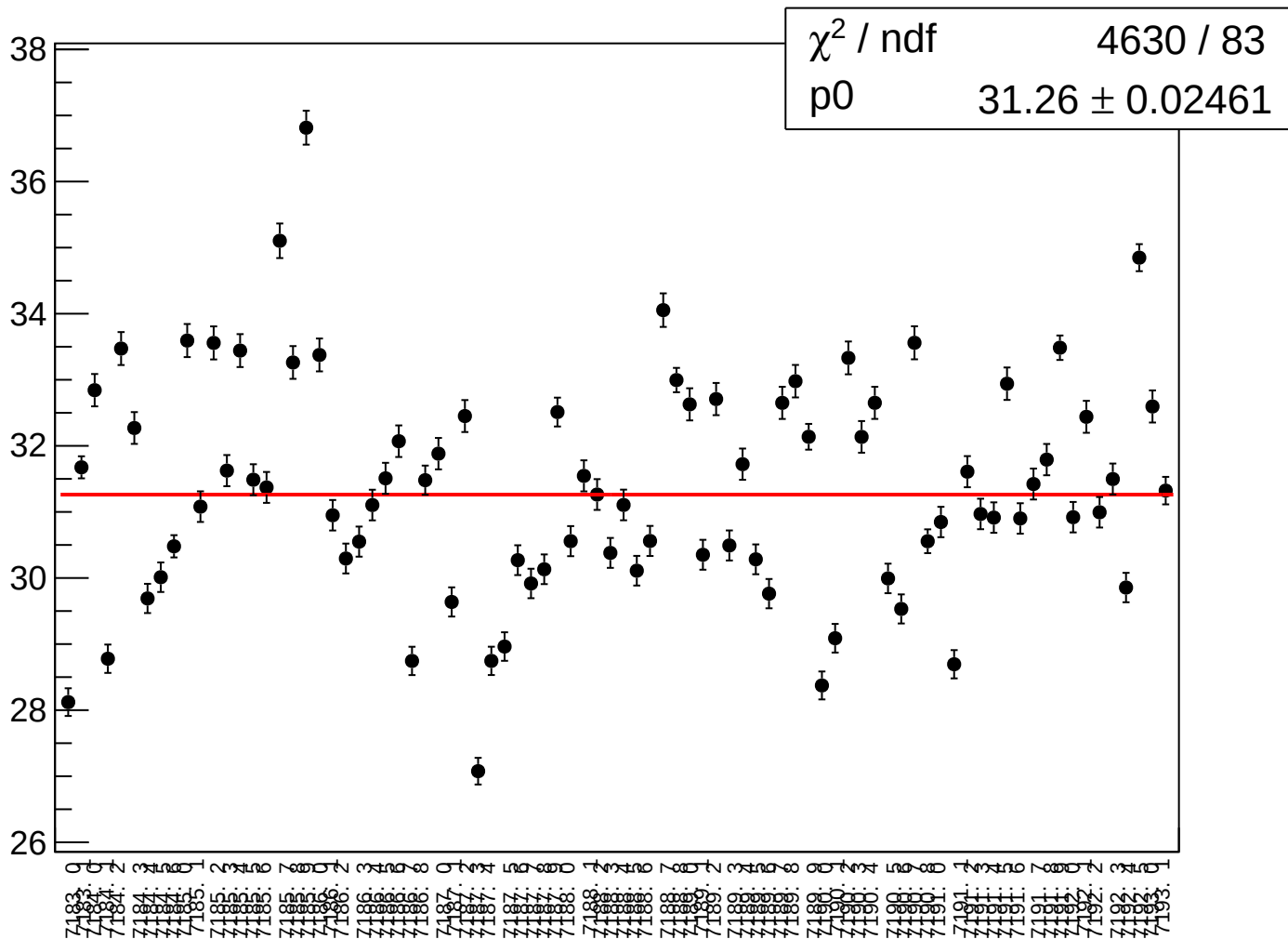
asym_sam_15_dd_reg_vs_cor_diff_rms vs run



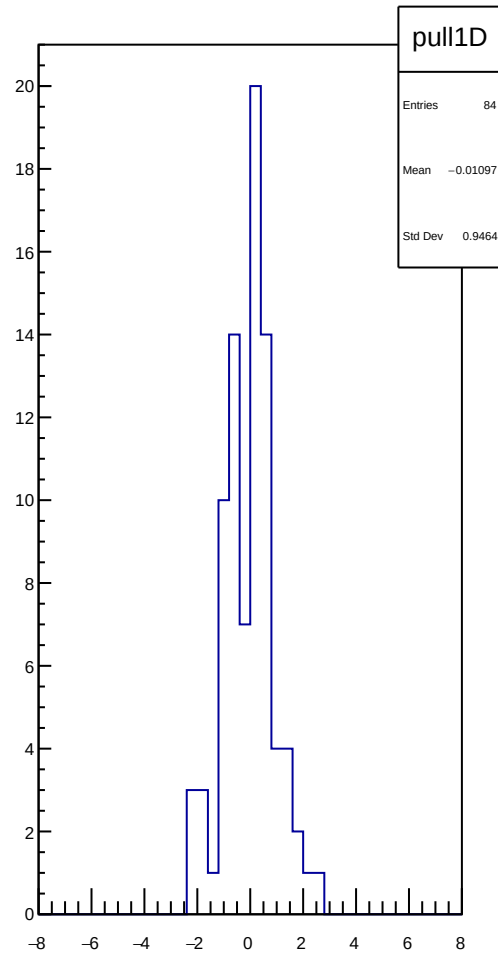
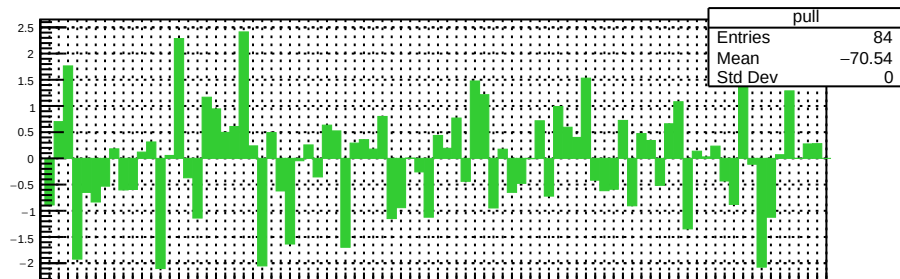
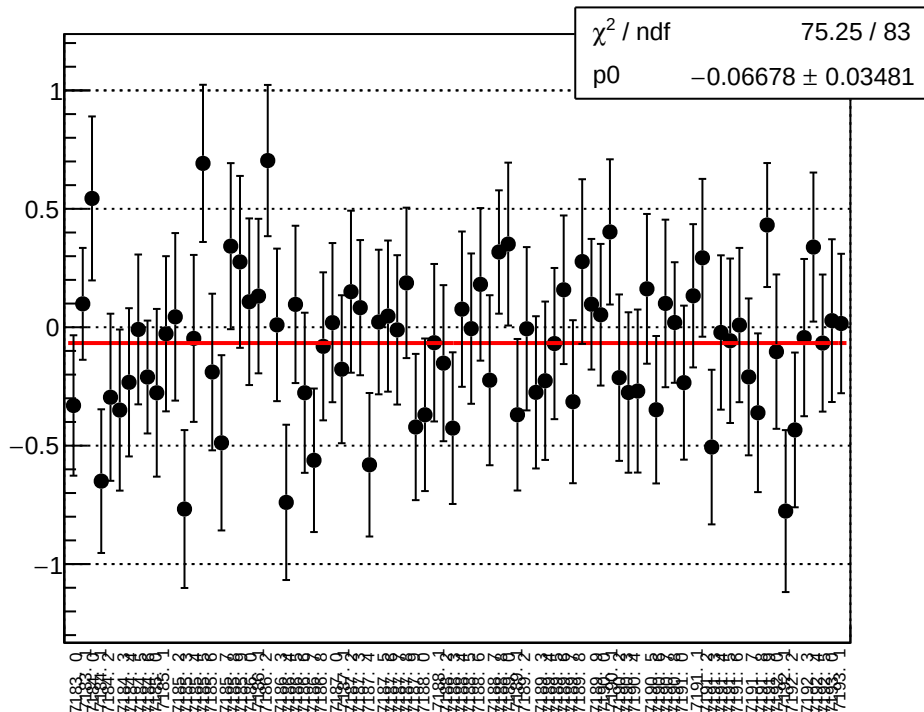
asym_sam_15_dd_dit_vs_cor_diff_mean vs run



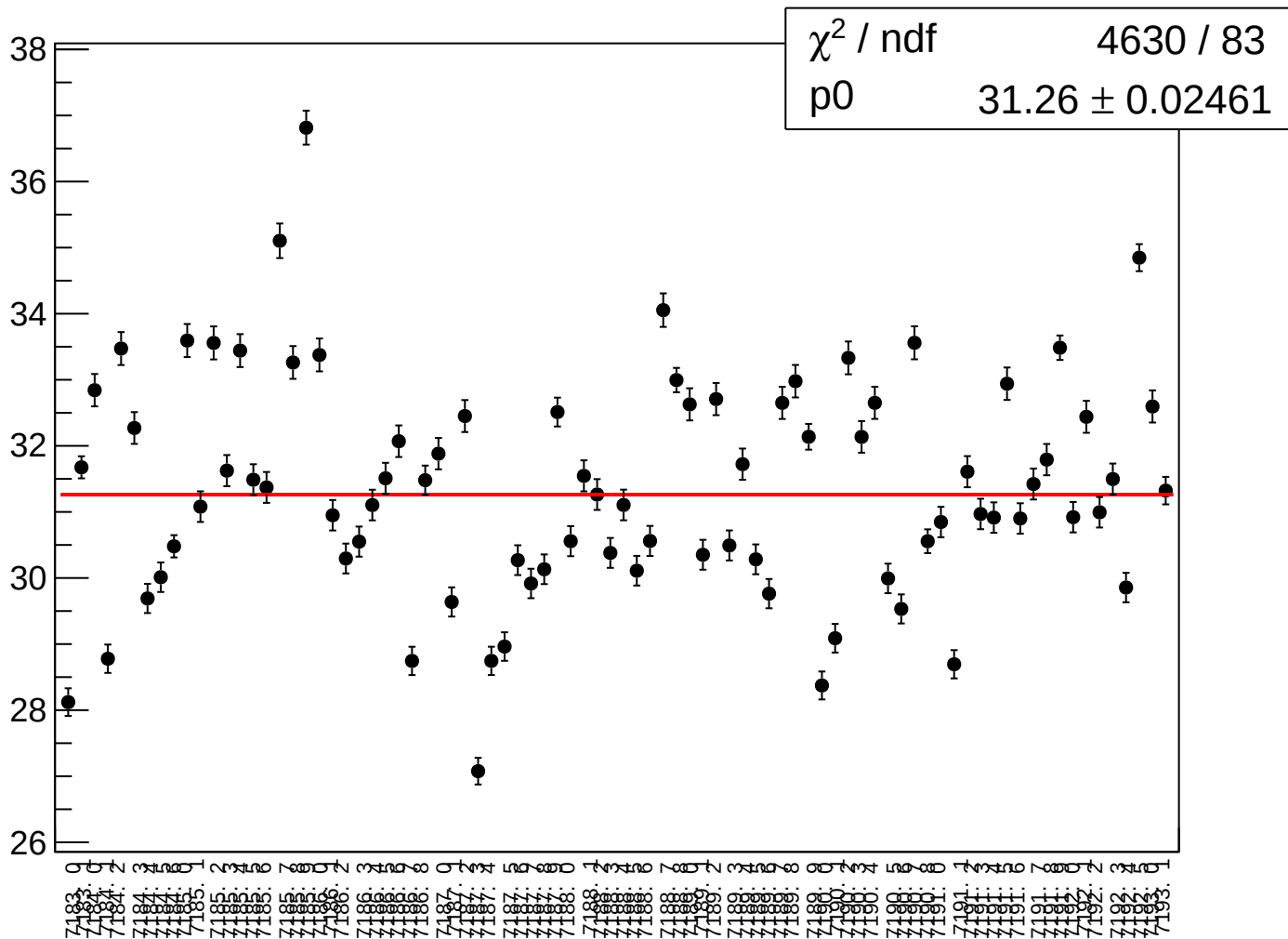
asym_sam_15_dd_dit_vs_cor_diff_rms vs run



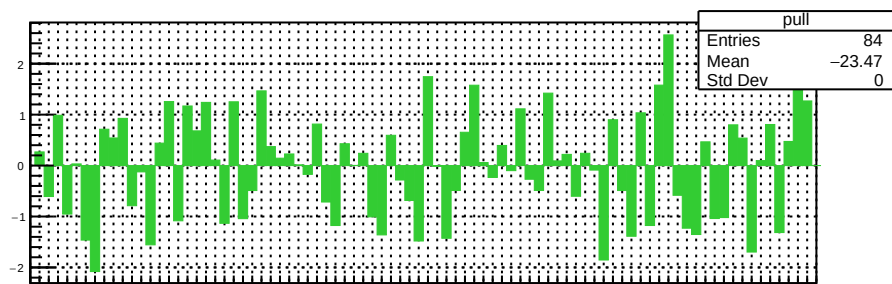
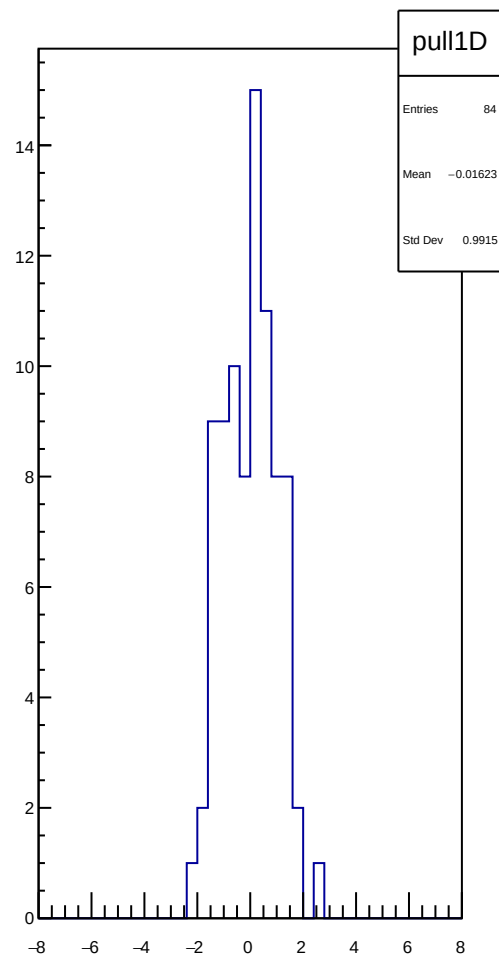
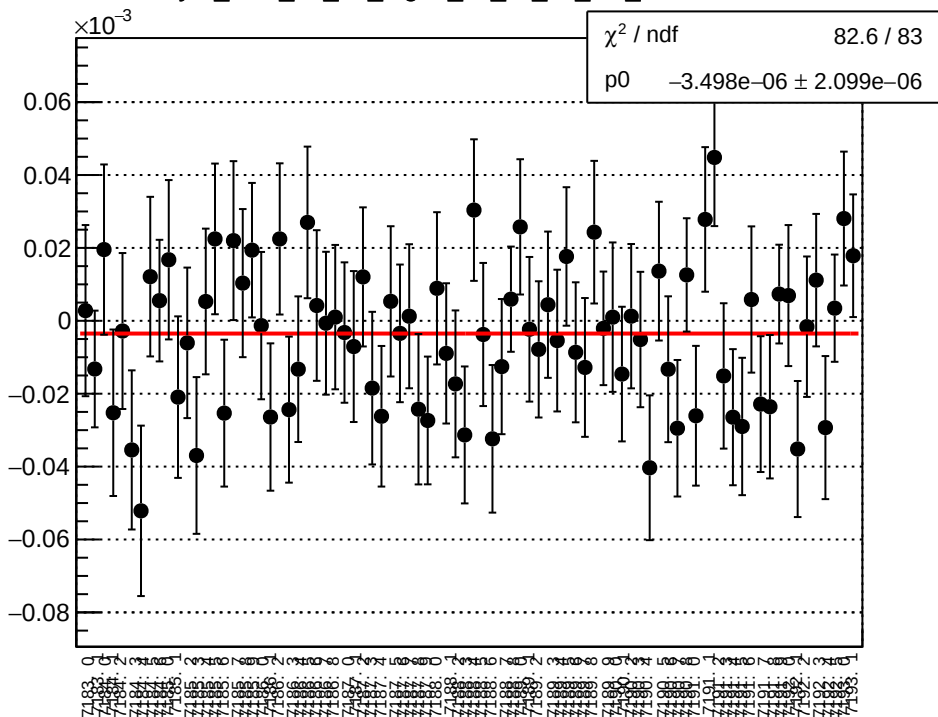
asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs run



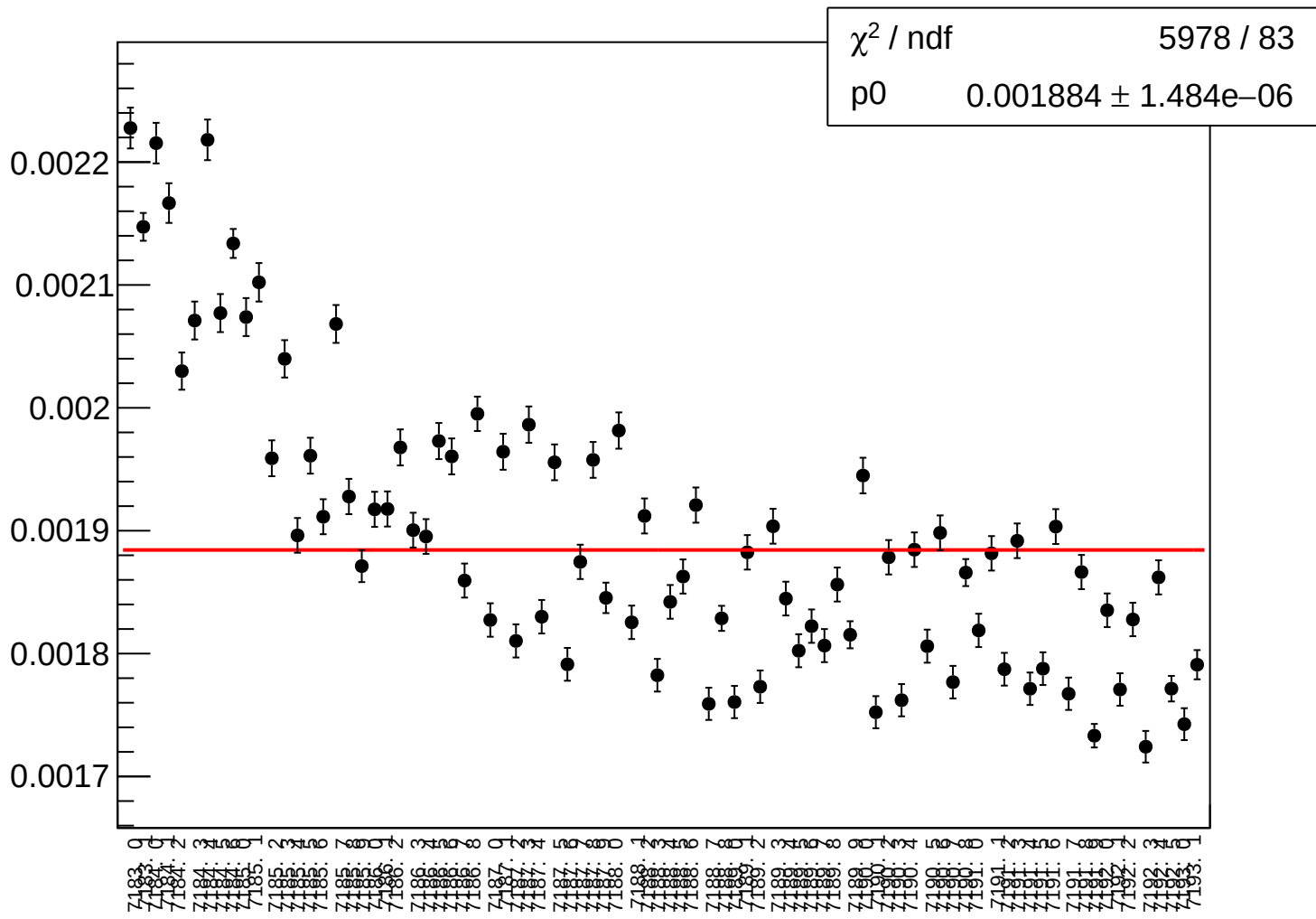
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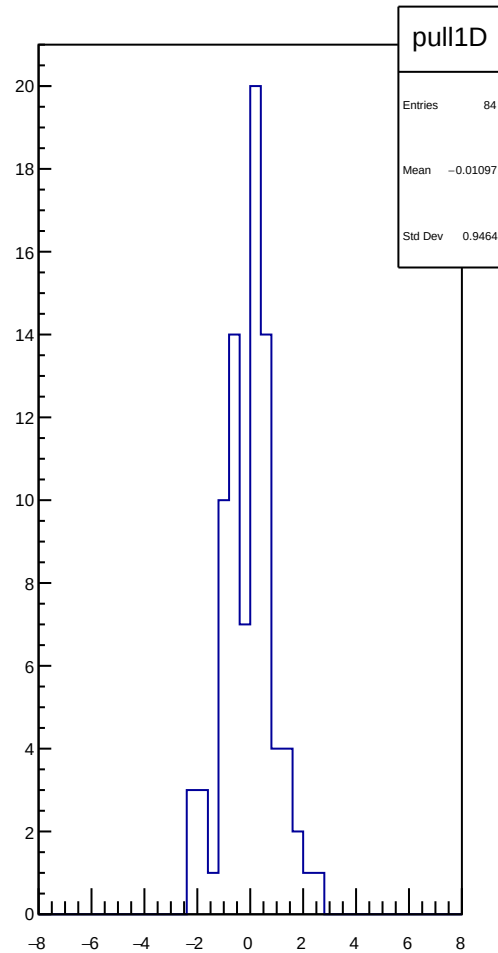
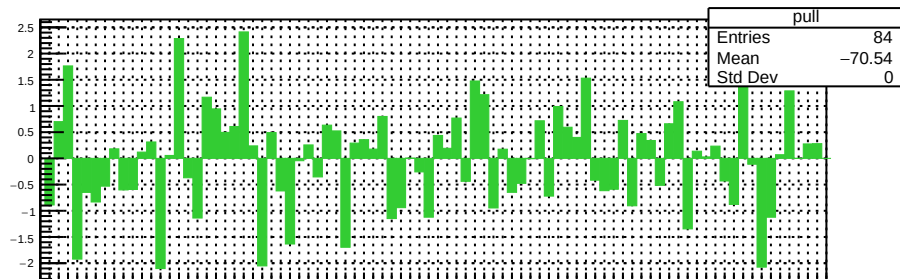
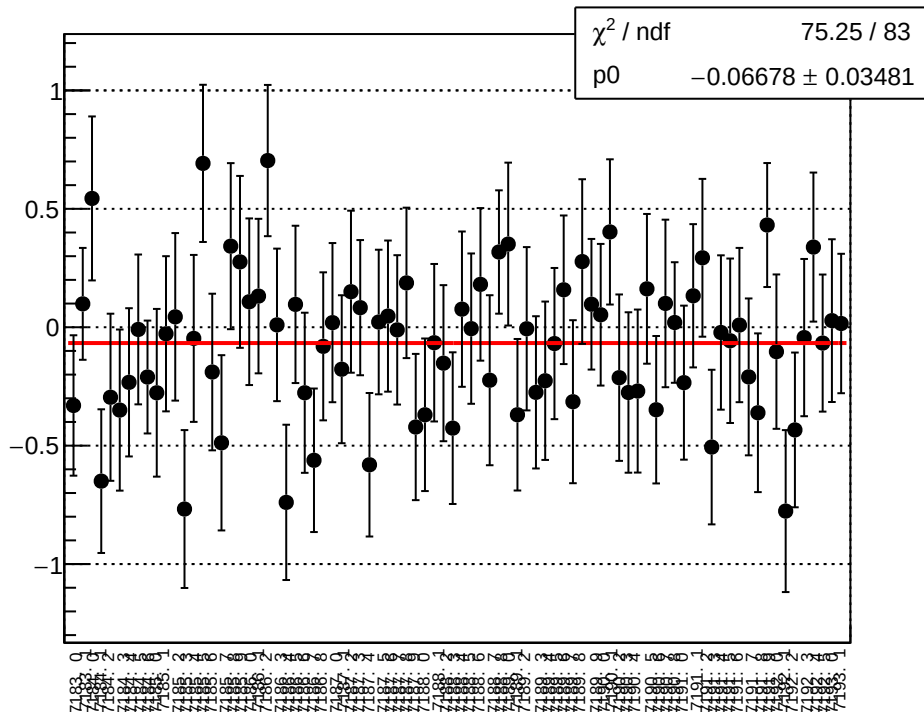
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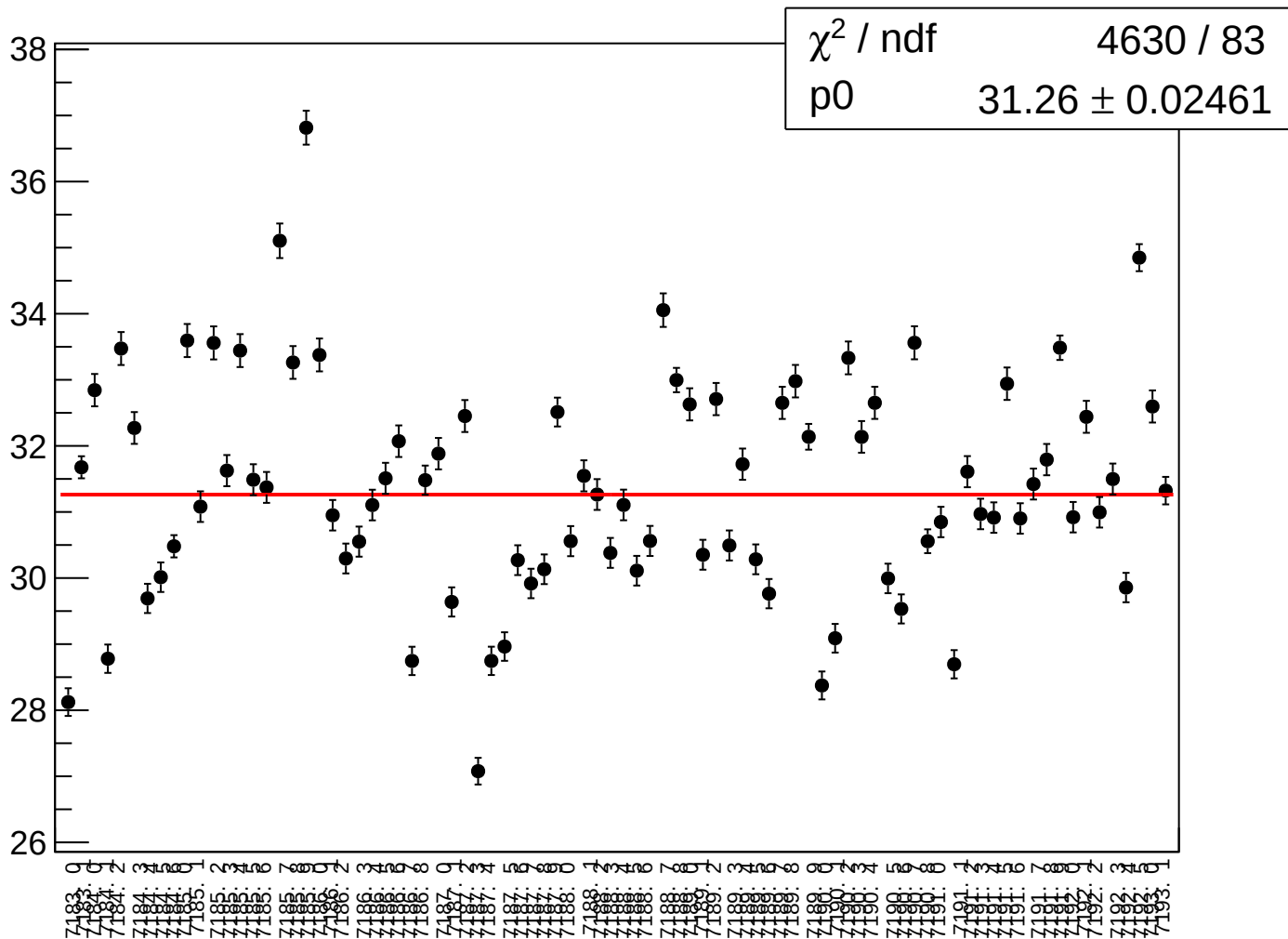
asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs run



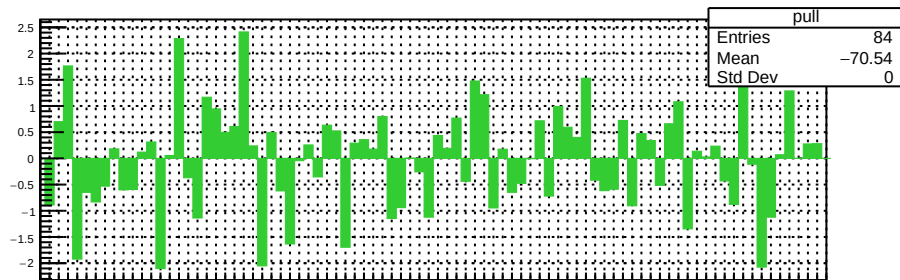
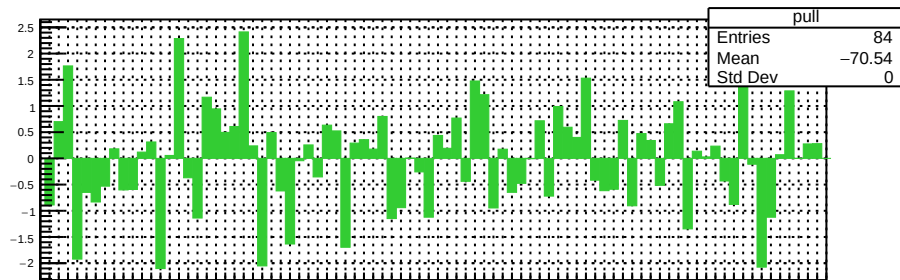
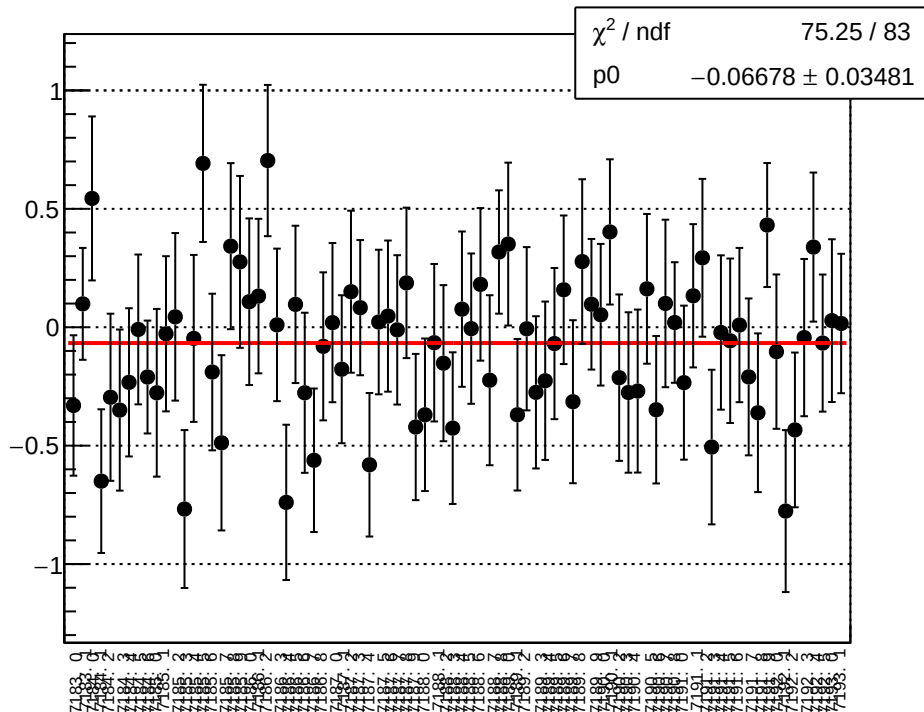
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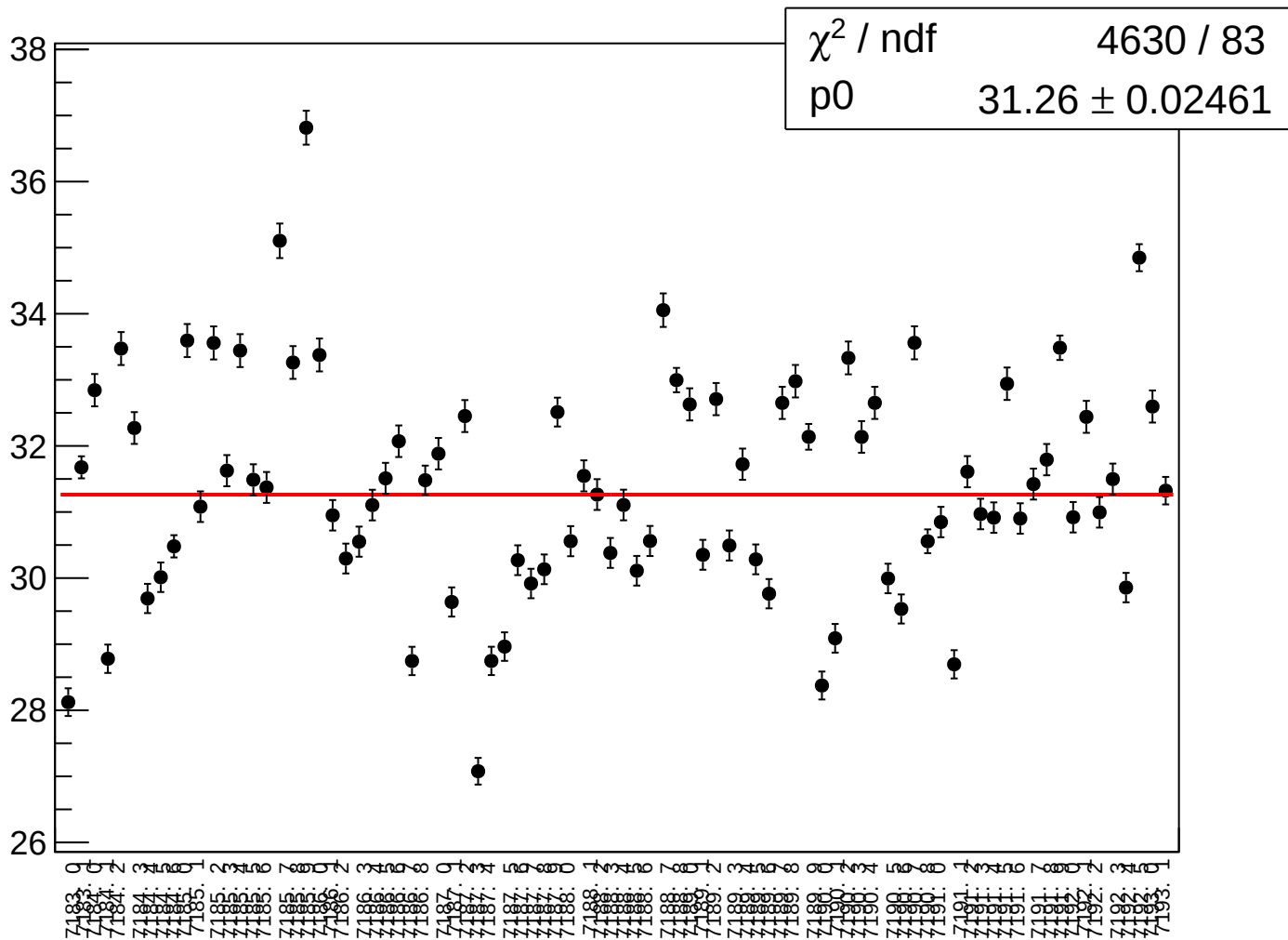
asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs run



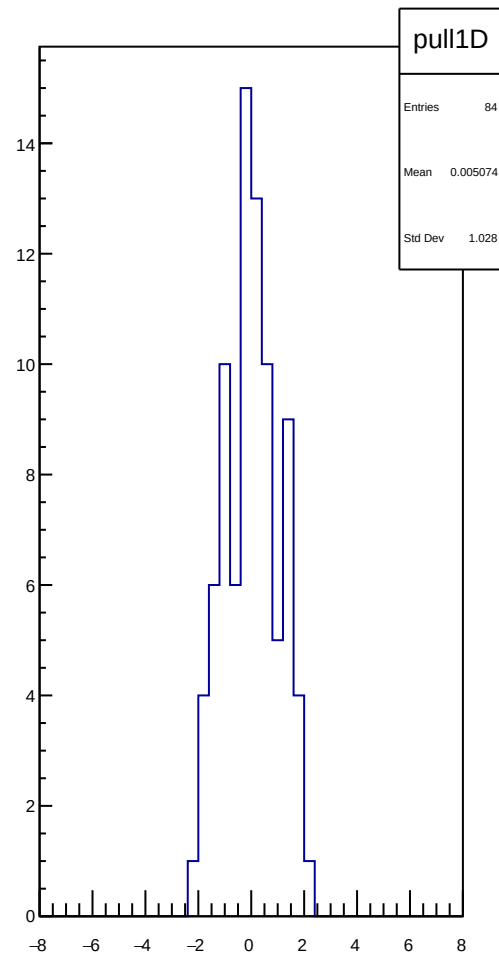
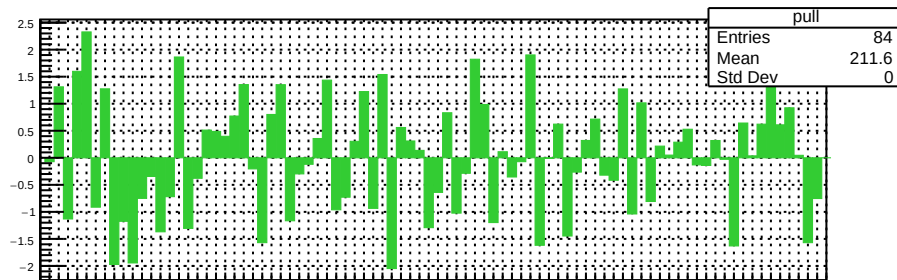
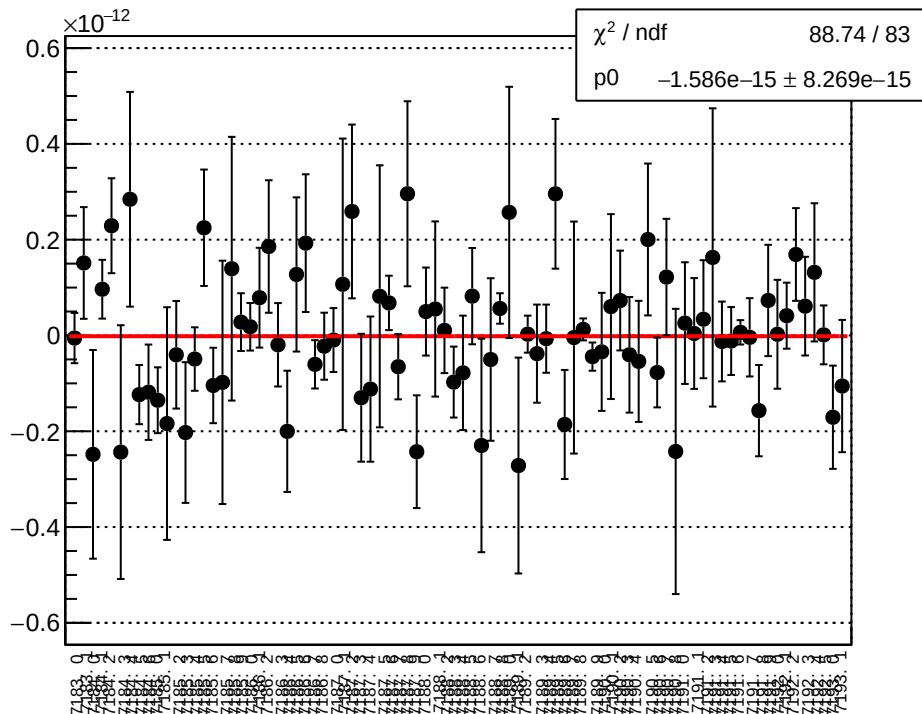
asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



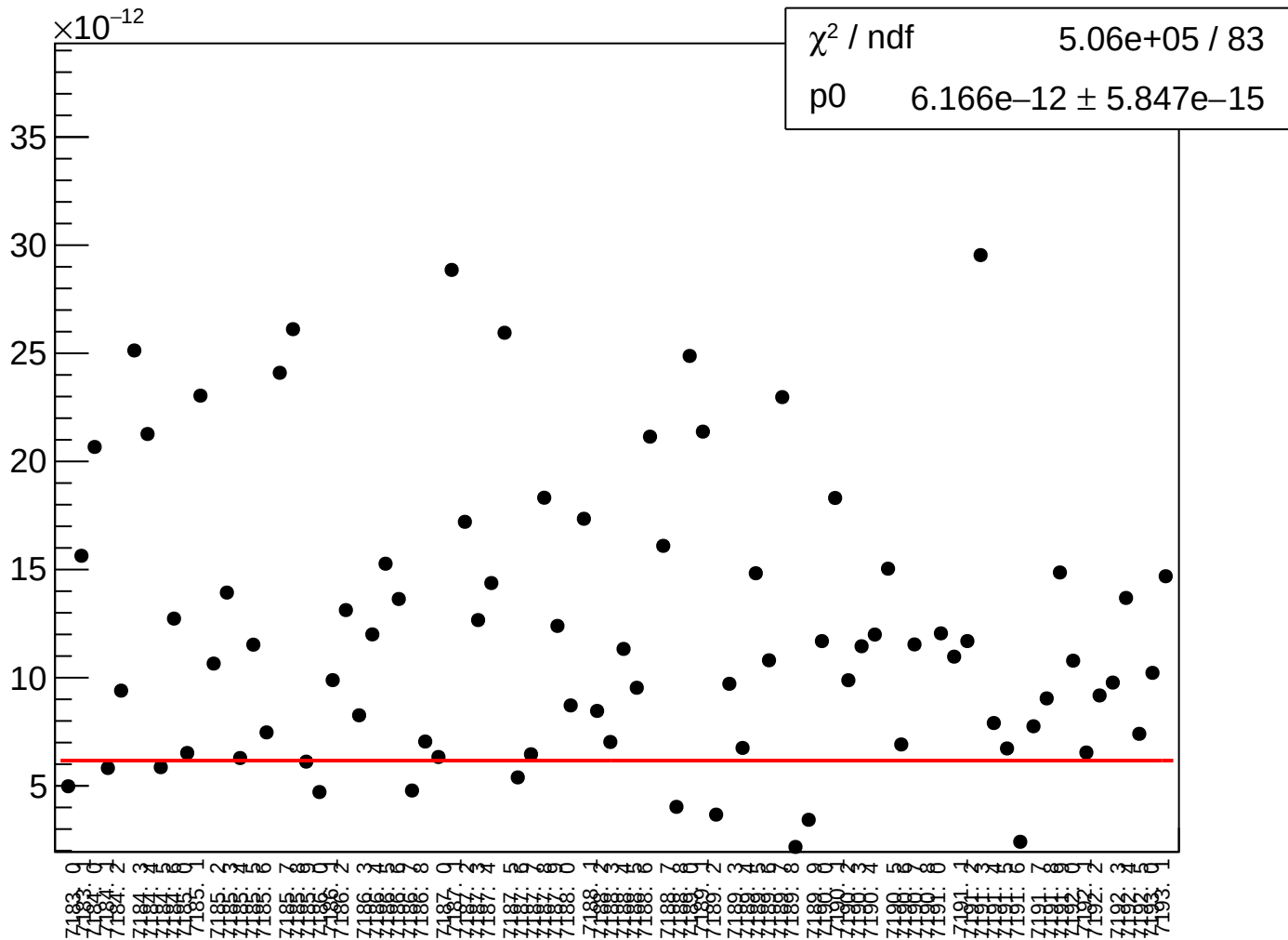
asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



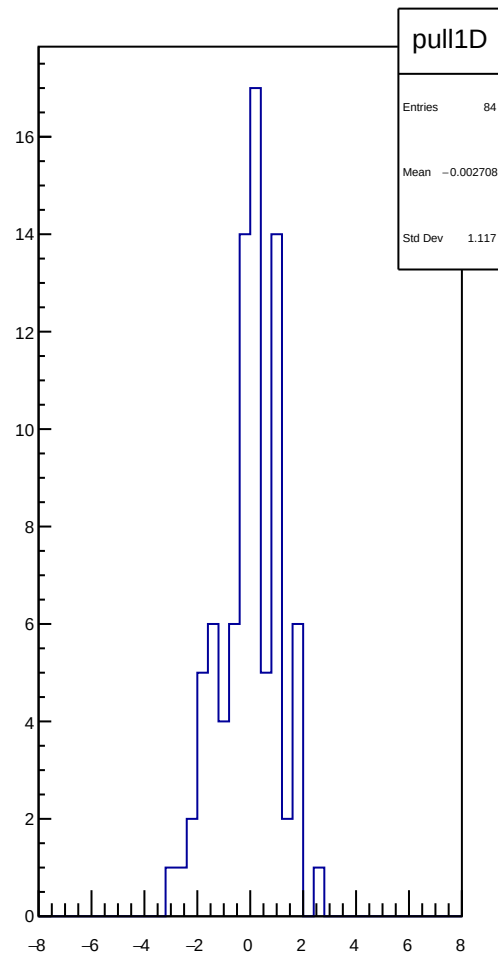
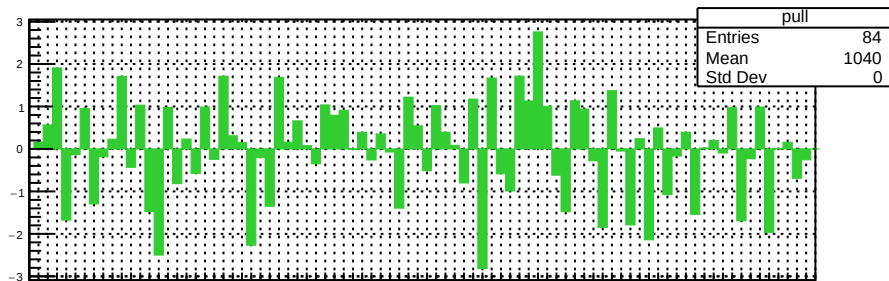
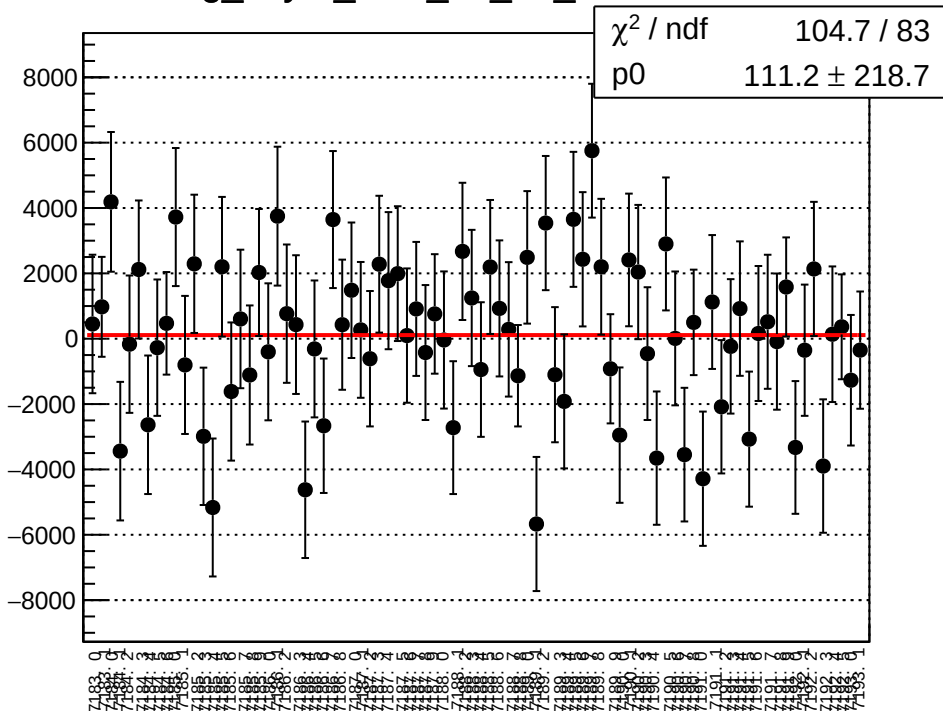
asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_26_dd_mean vs run



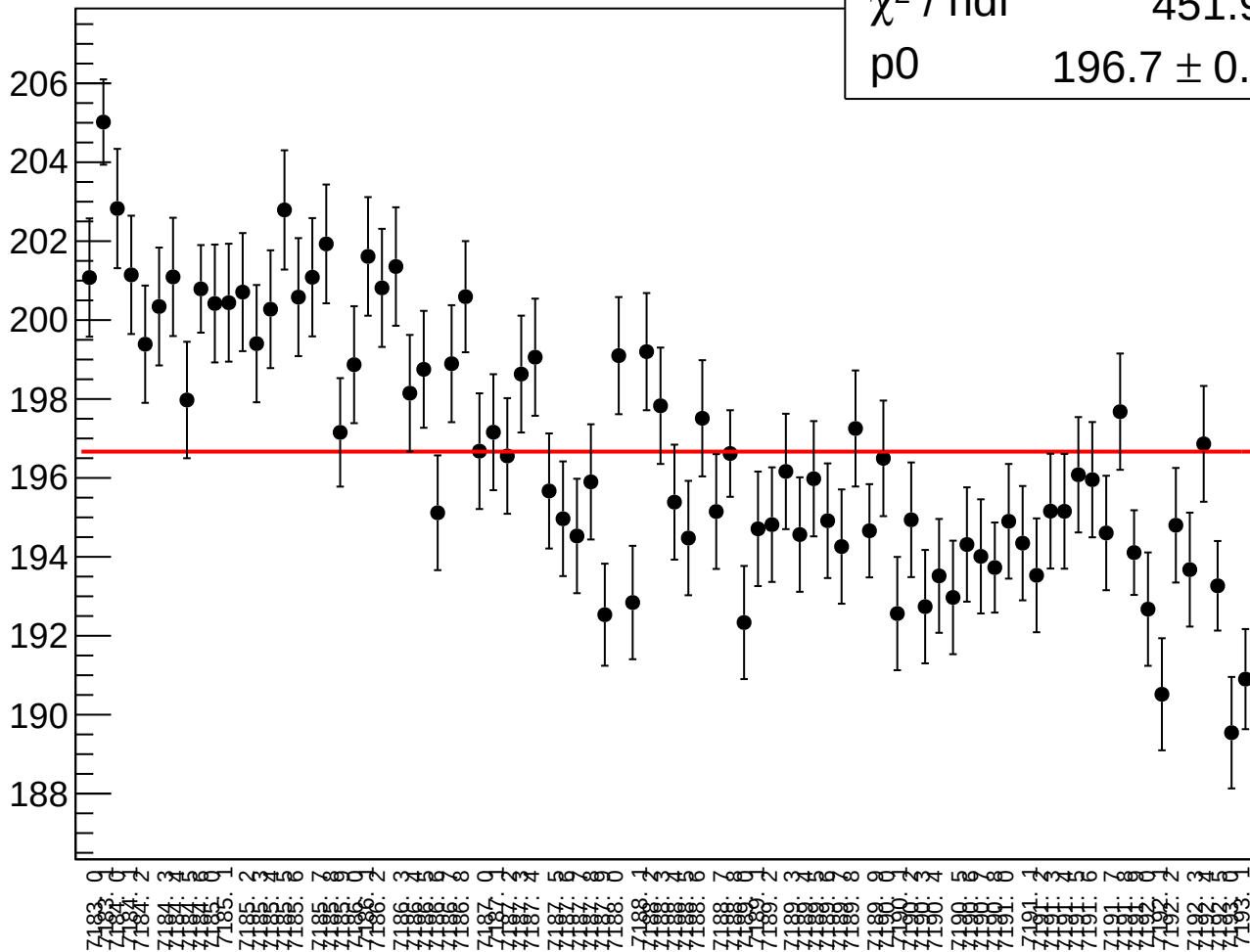
reg_asym_sam_26_dd_rms vs run

χ^2 / ndf

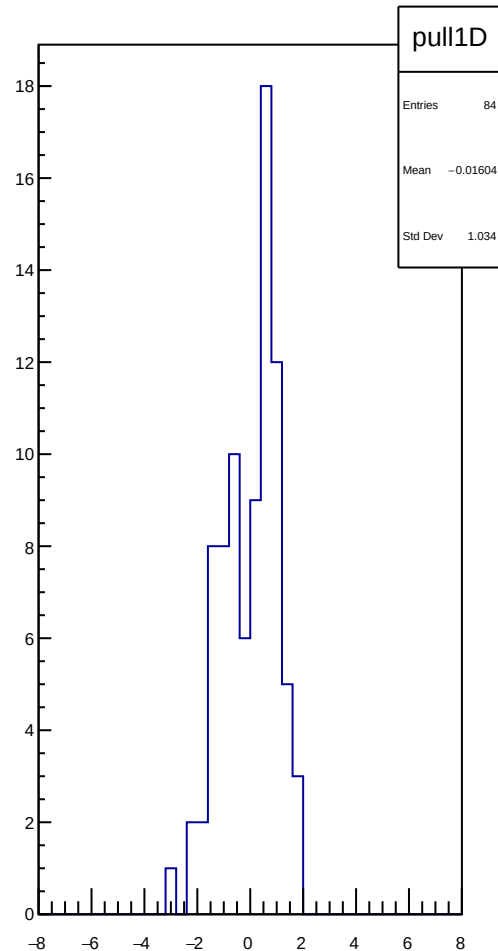
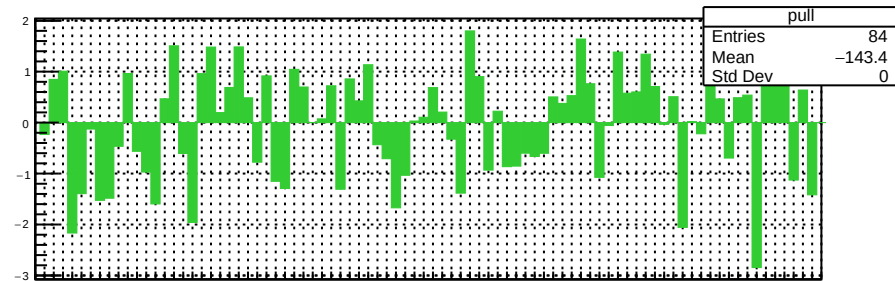
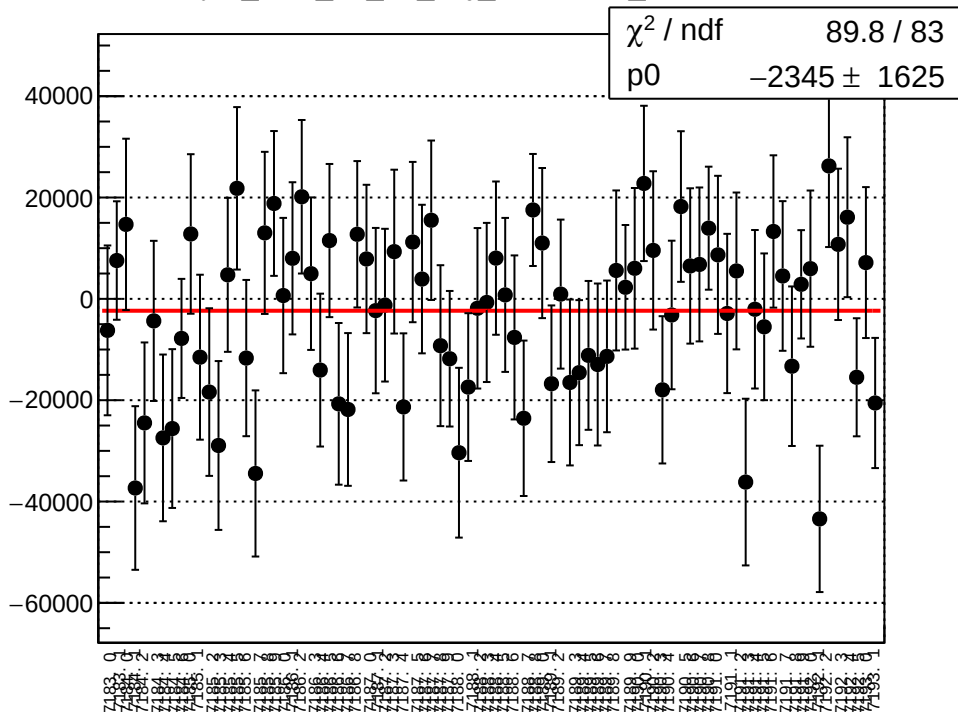
451.9 / 83

p0

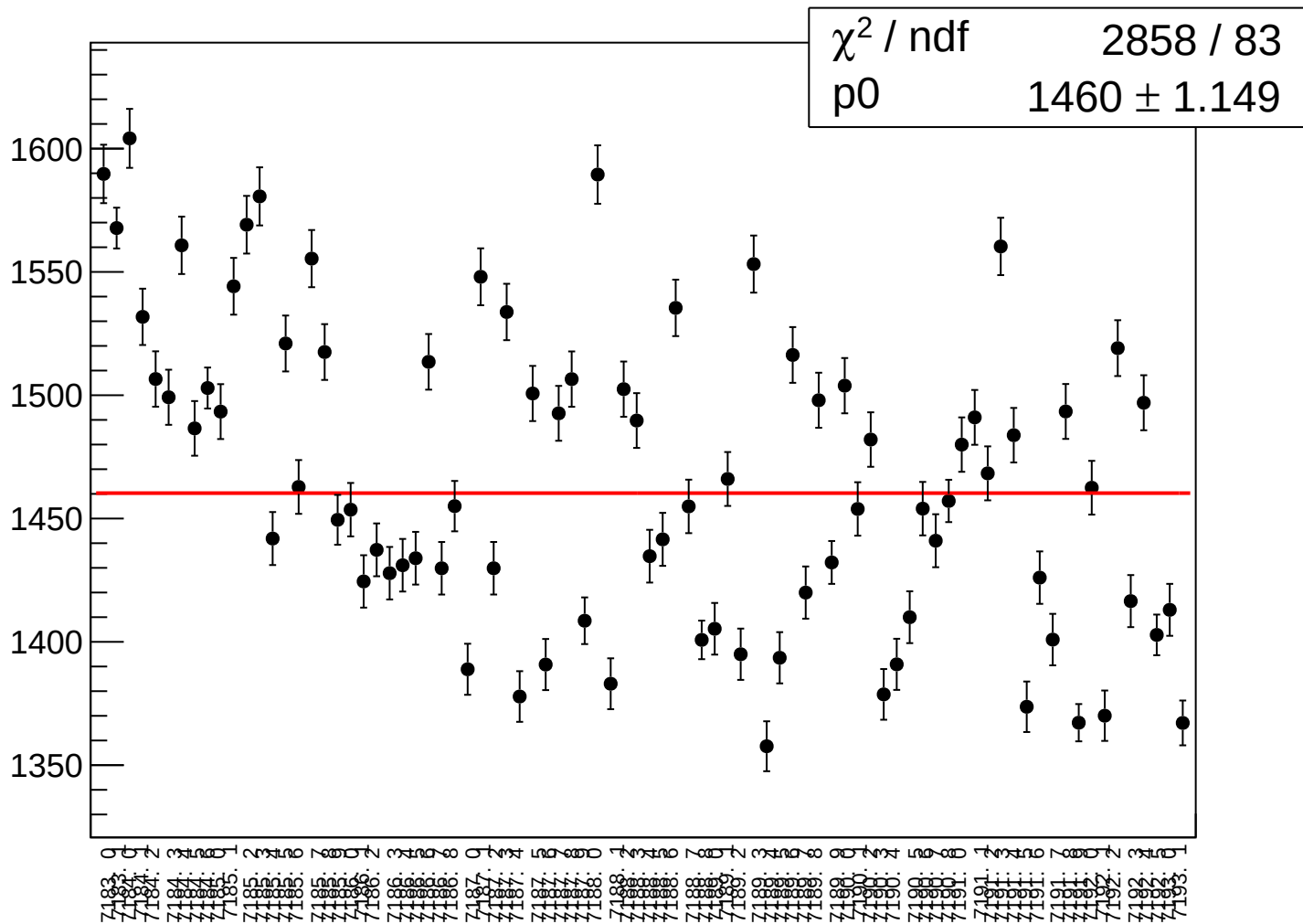
196.7 ± 0.1546



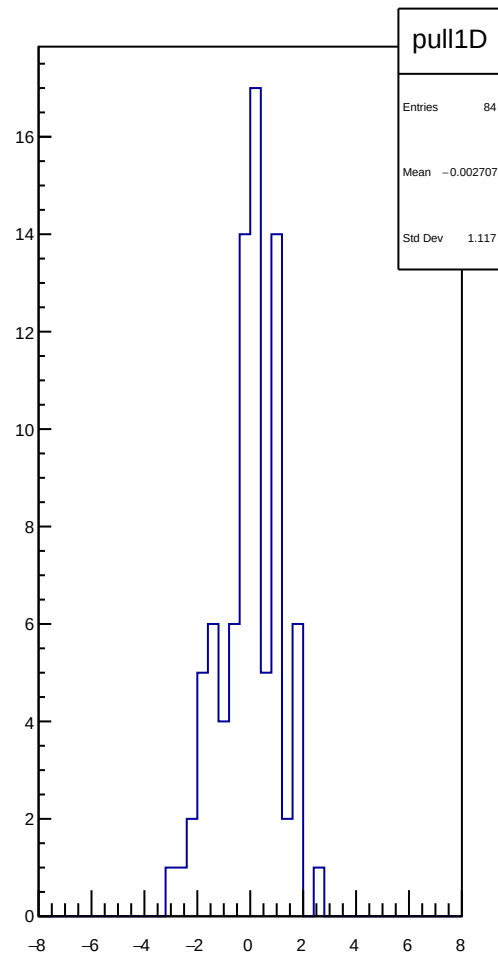
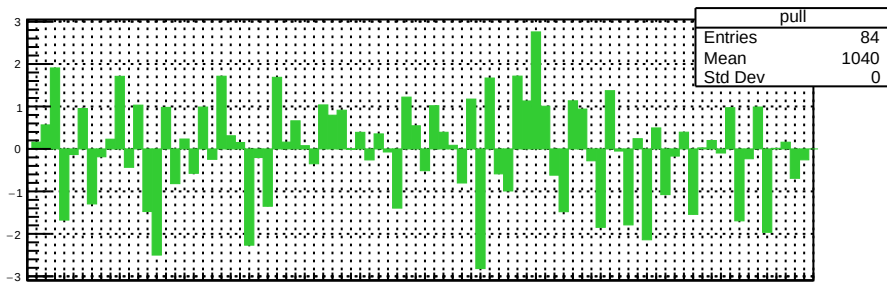
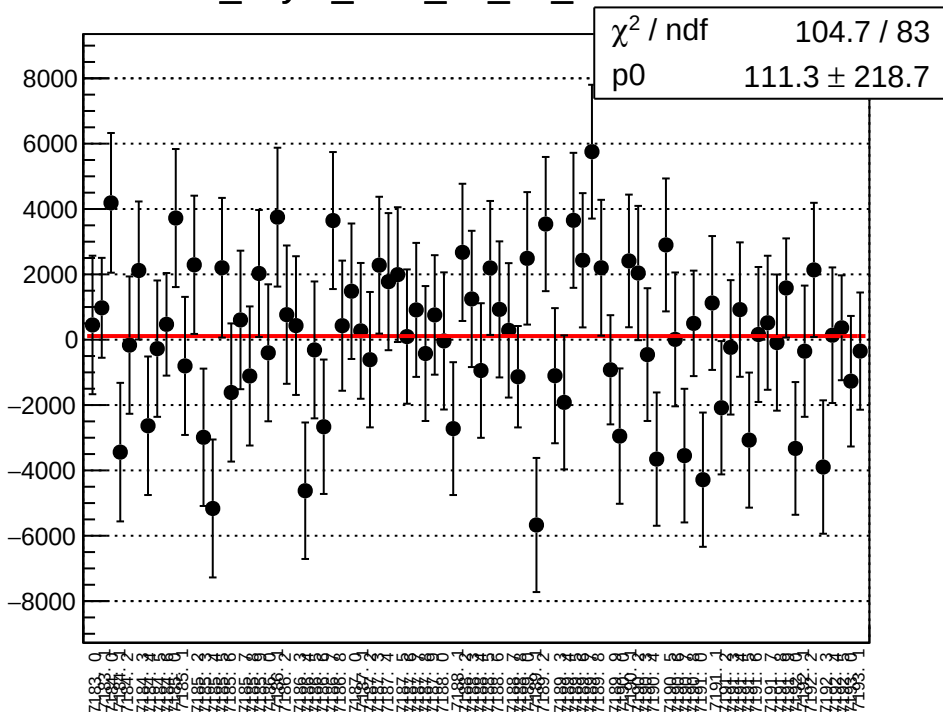
asym_sam_26_dd_reg_correction_mean vs run



asym_sam_26_dd_reg_correction_rms vs run



cor_asym_sam_26_dd_mean vs run



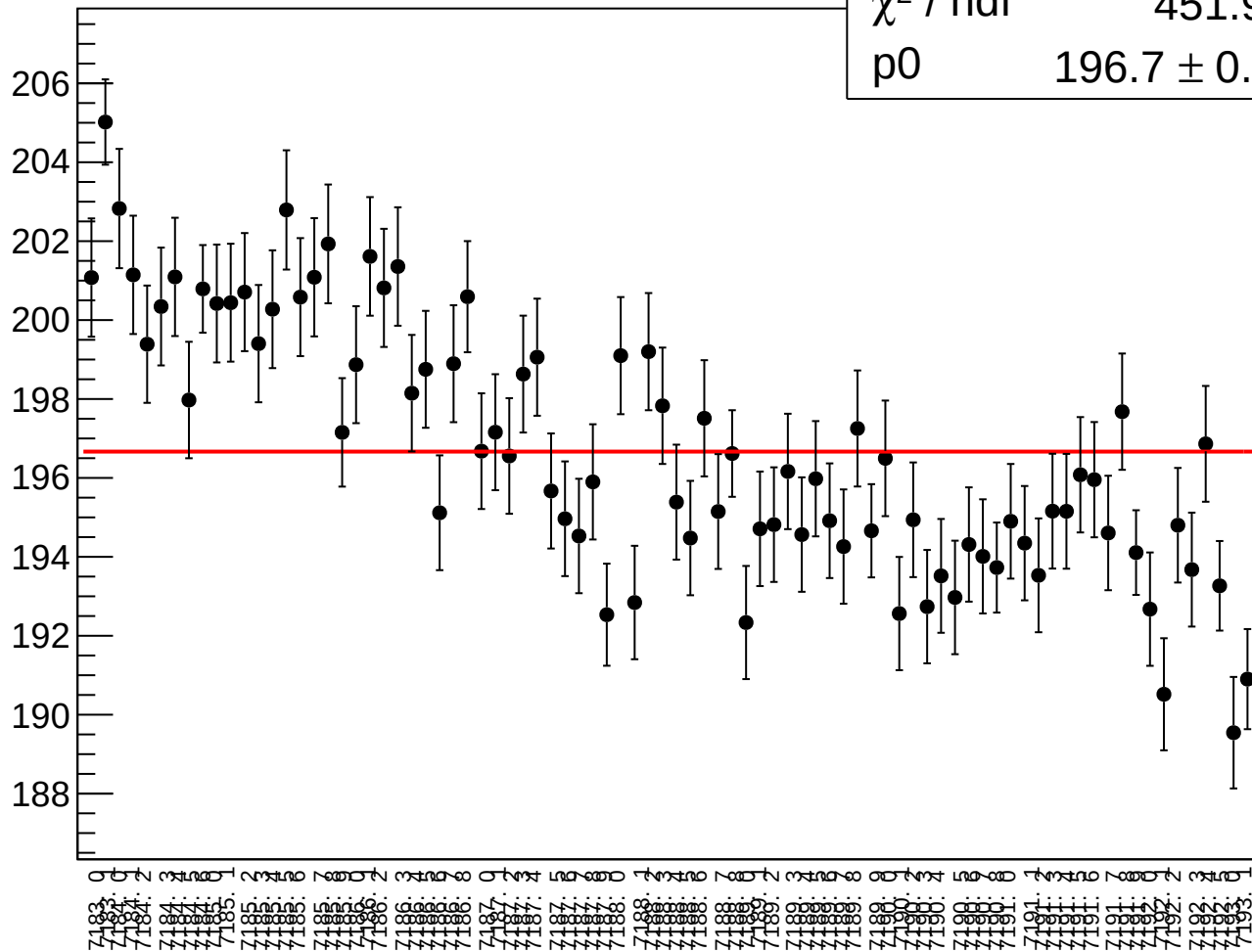
cor_asym_sam_26_dd_rms vs run

χ^2 / ndf

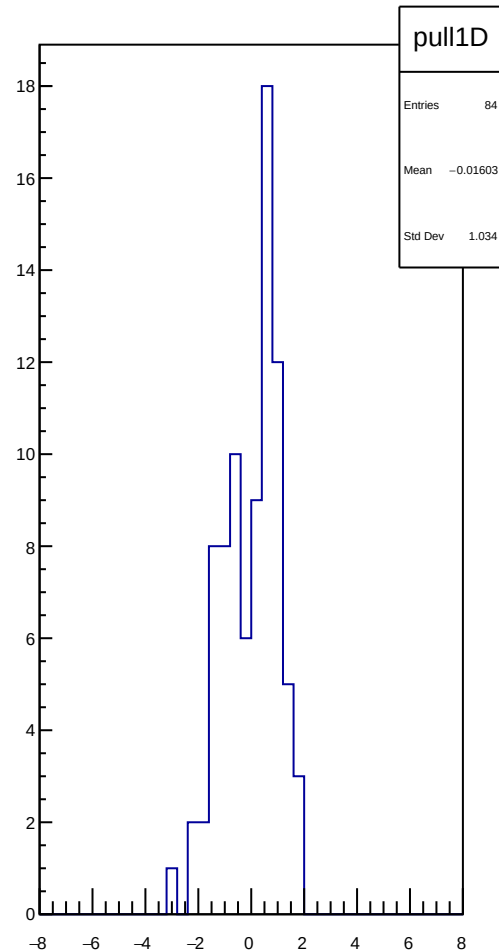
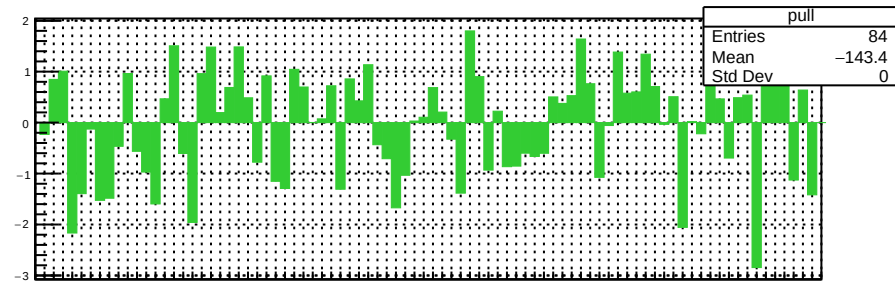
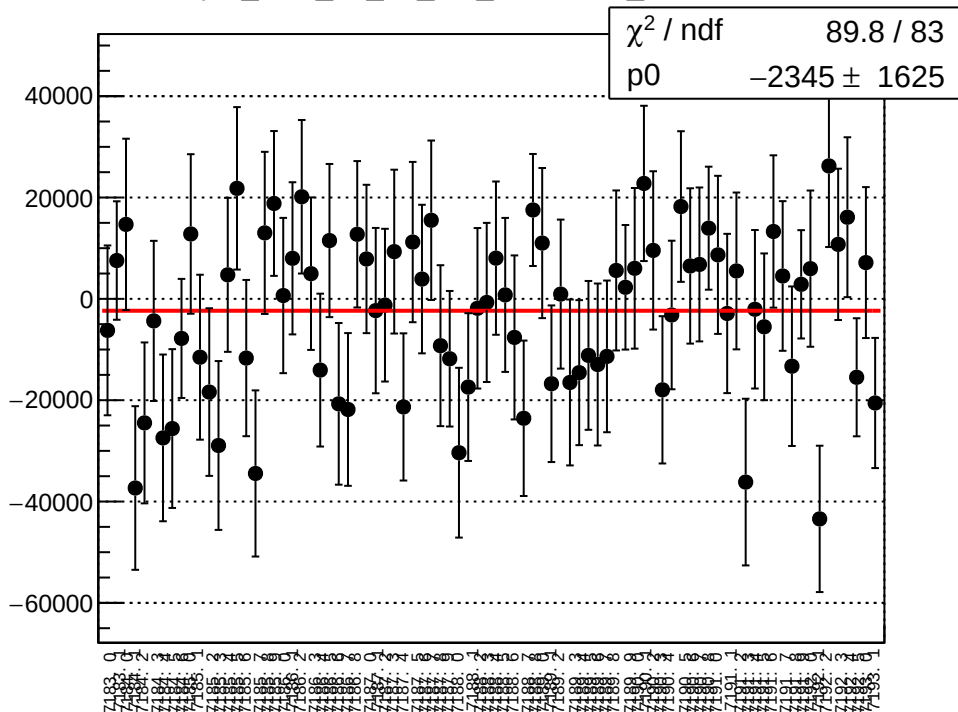
451.9 / 83

p0

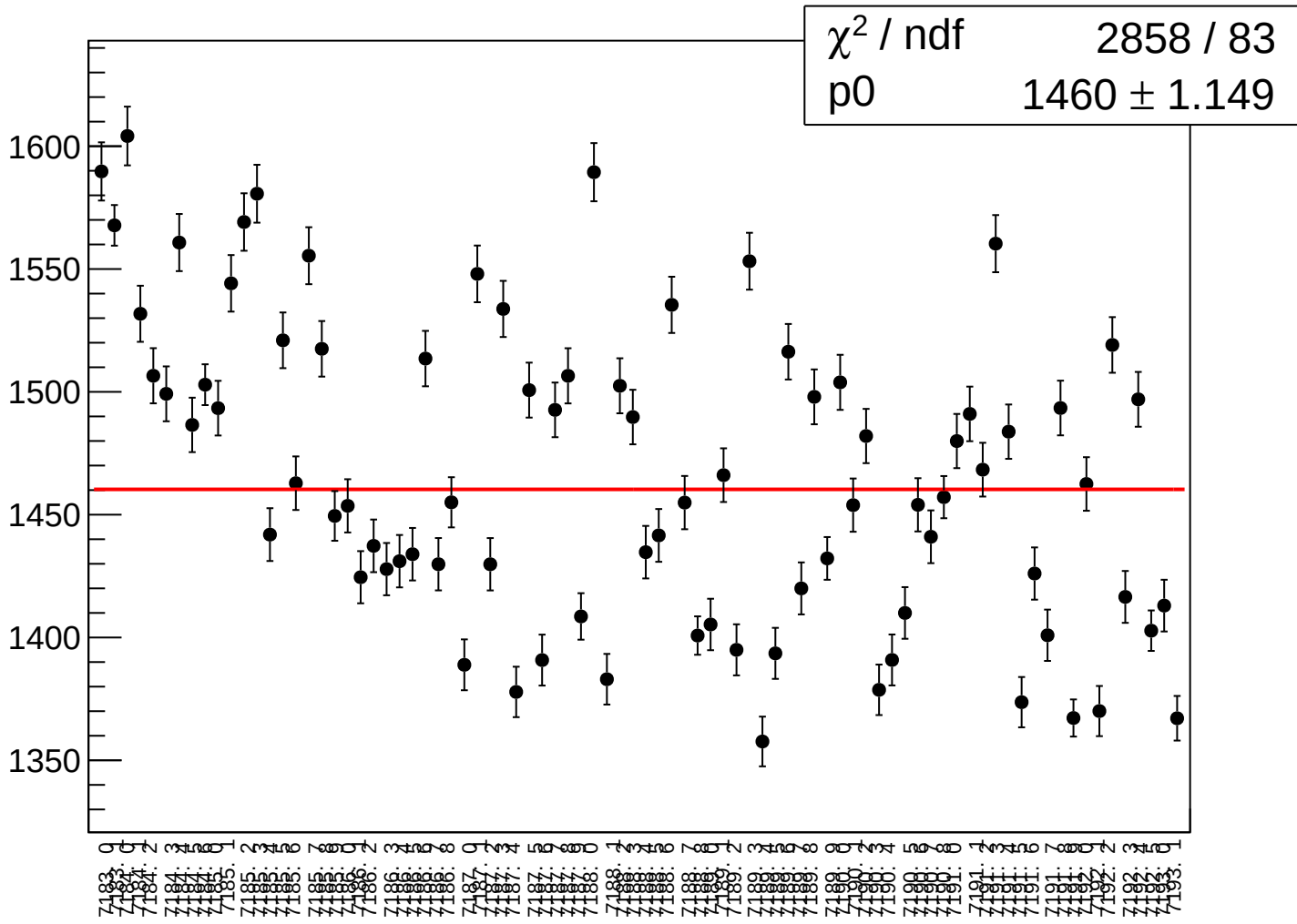
196.7 ± 0.1546



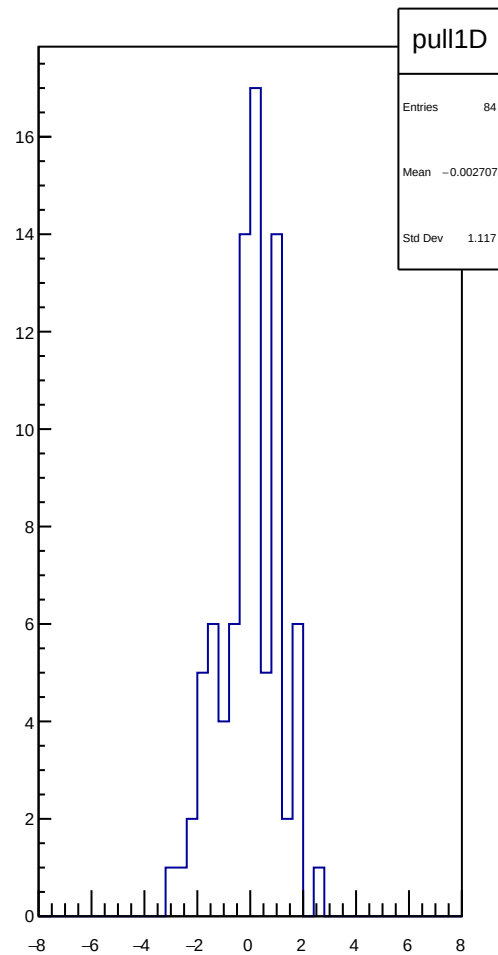
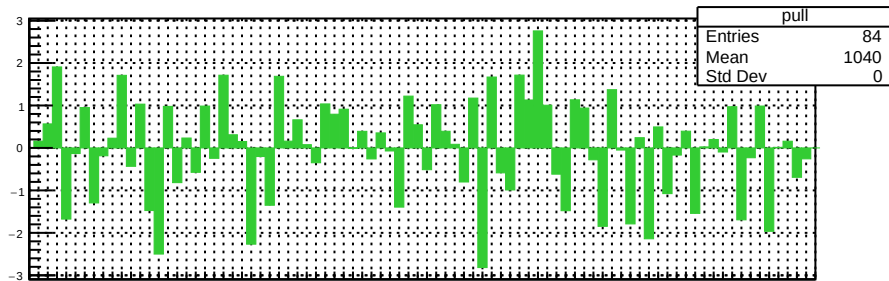
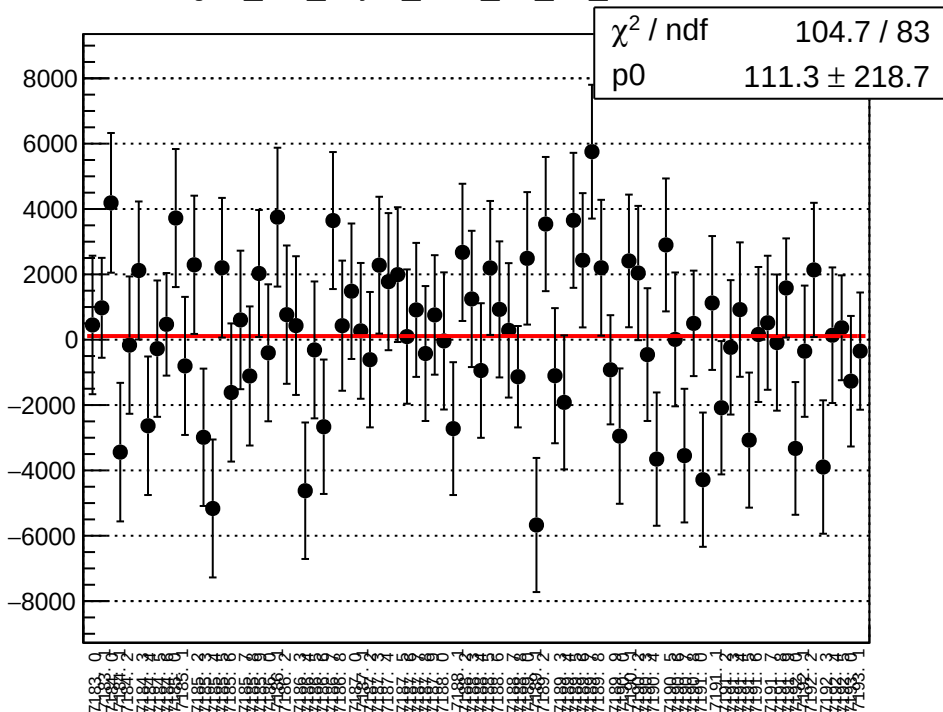
asym_sam_26_dd_cor_correction_mean vs run



asym_sam_26_dd_cor_correction_rms vs run



eigen_cor_asym_sam_26_dd_mean vs run



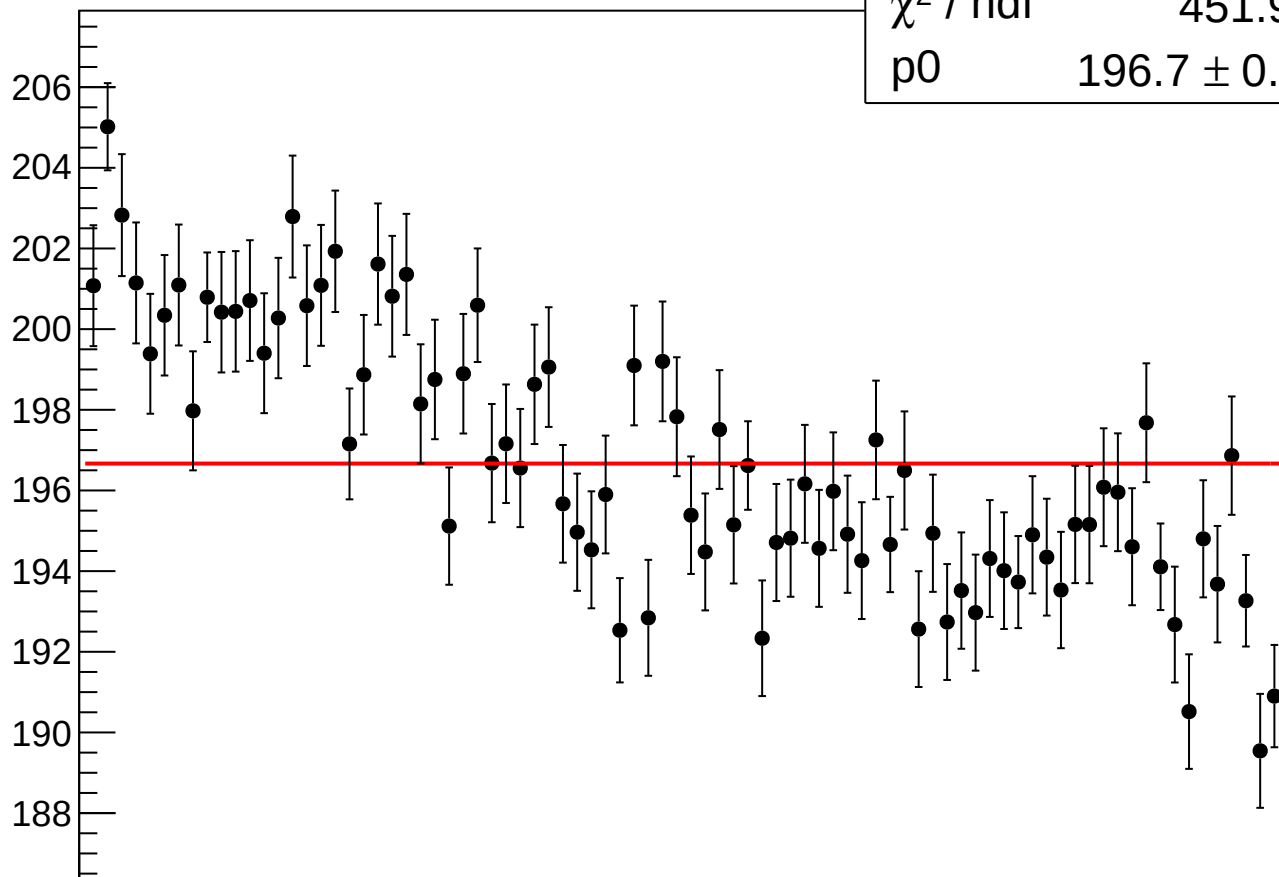
eigen_cor_asym_sam_26_dd_rms vs run

χ^2 / ndf

451.9 / 83

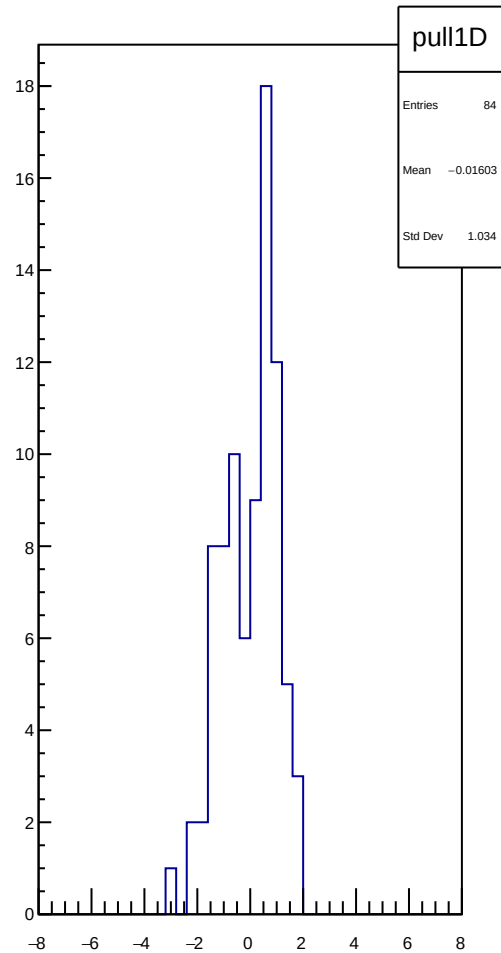
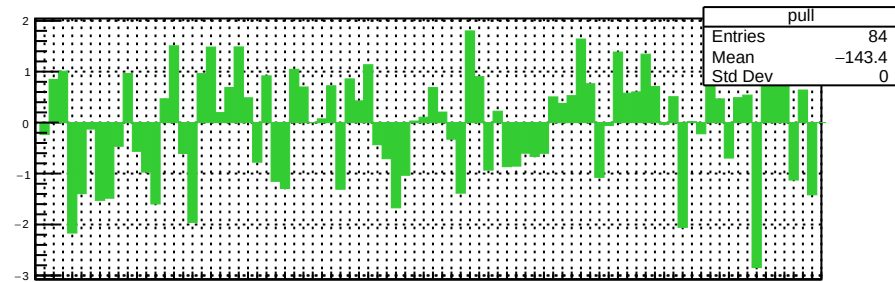
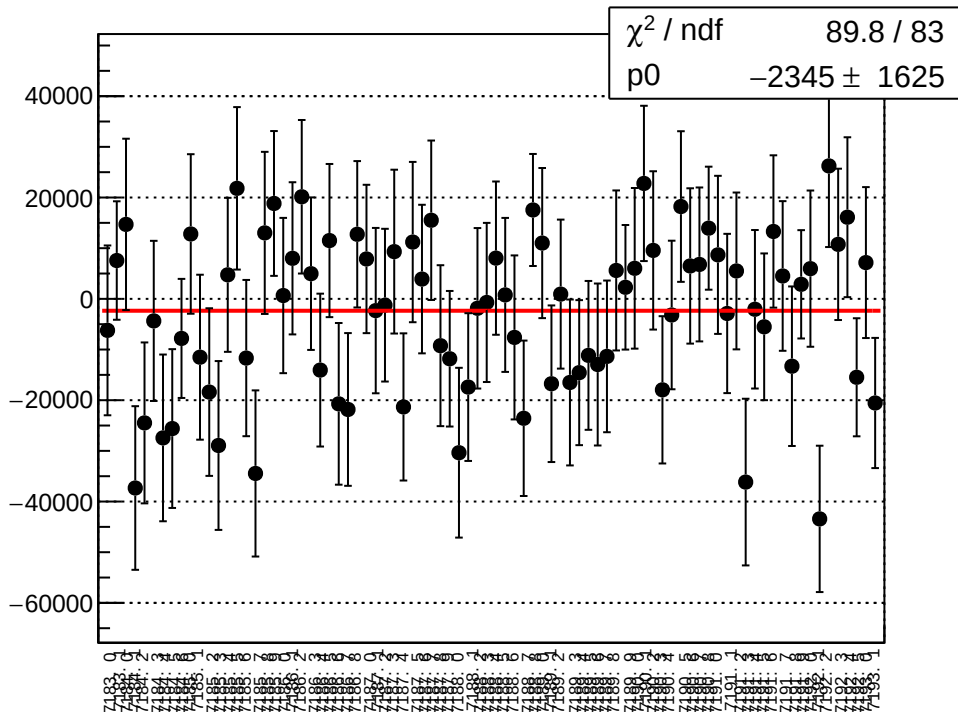
p0

196.7 ± 0.1546

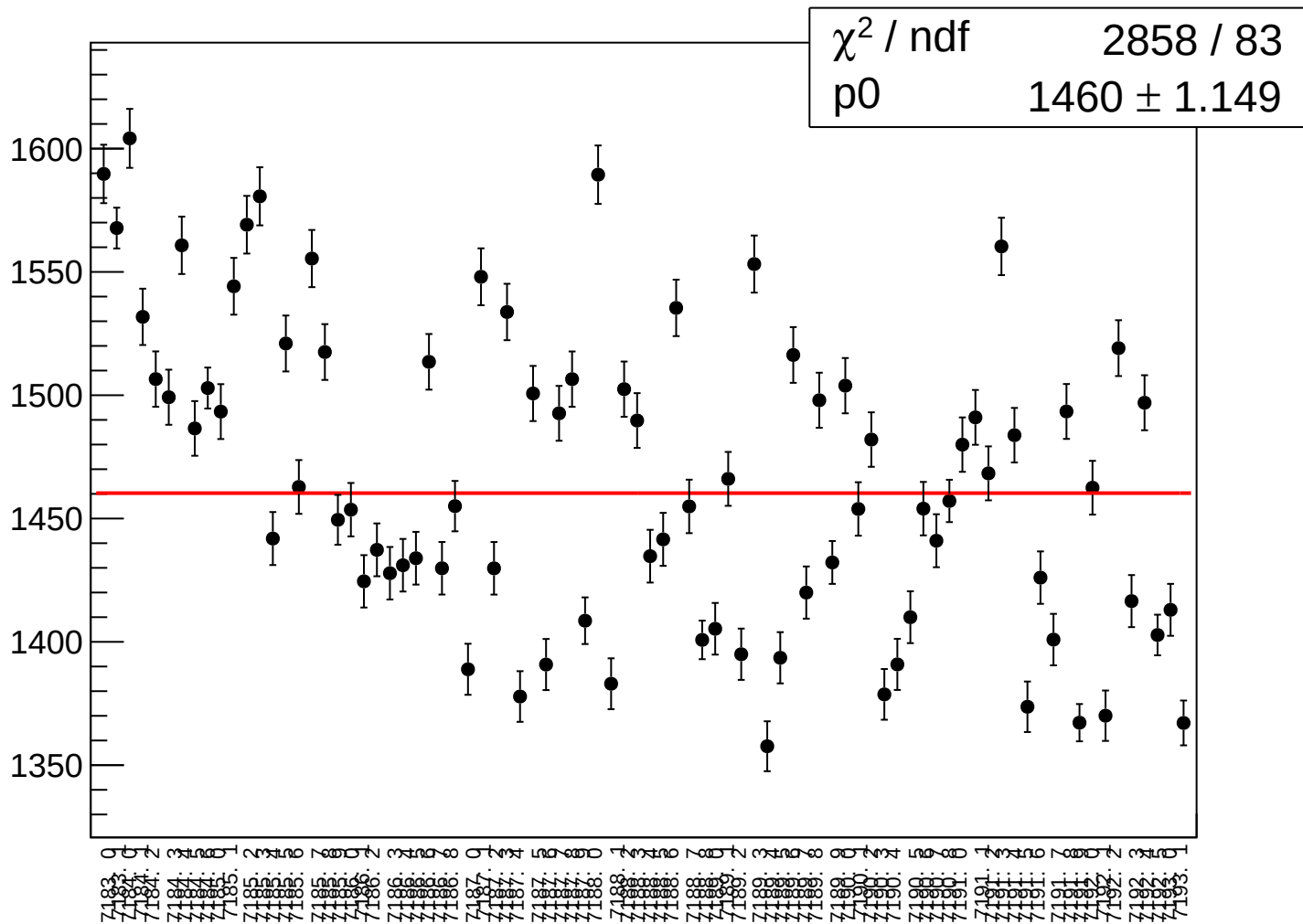


run

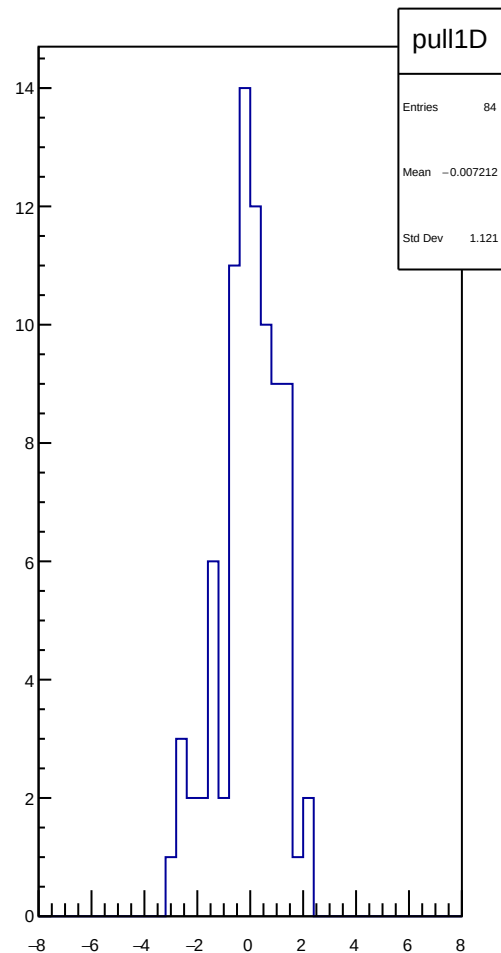
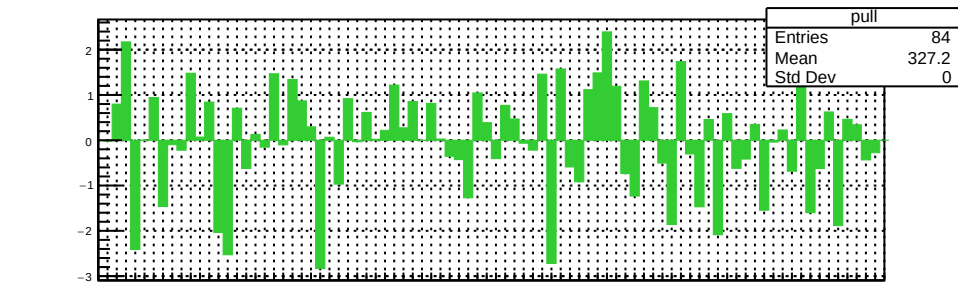
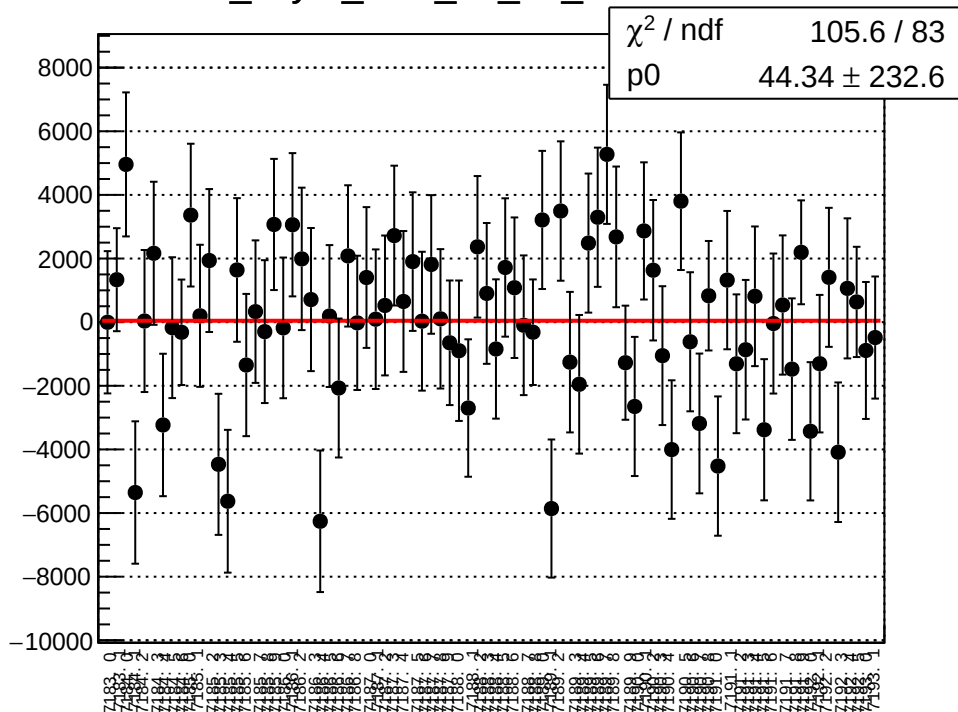
asym_sam_26_dd_eigen_cor_correction_mean vs run



asym_sam_26_dd_eigen_cor_correction_rms vs run



dit_asym_sam_26_dd_mean vs run



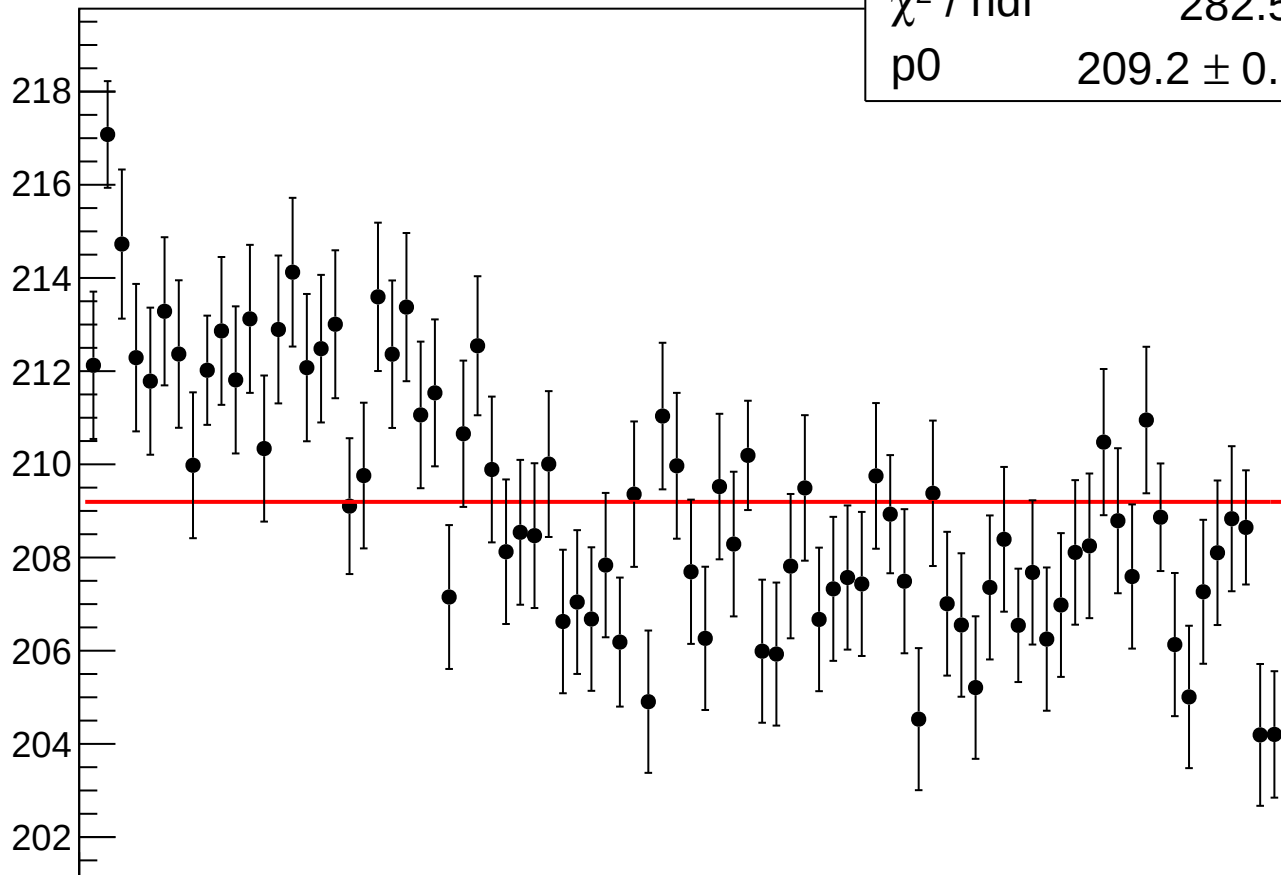
dit_asym_sam_26_dd_rms vs run

χ^2 / ndf

282.5 / 83

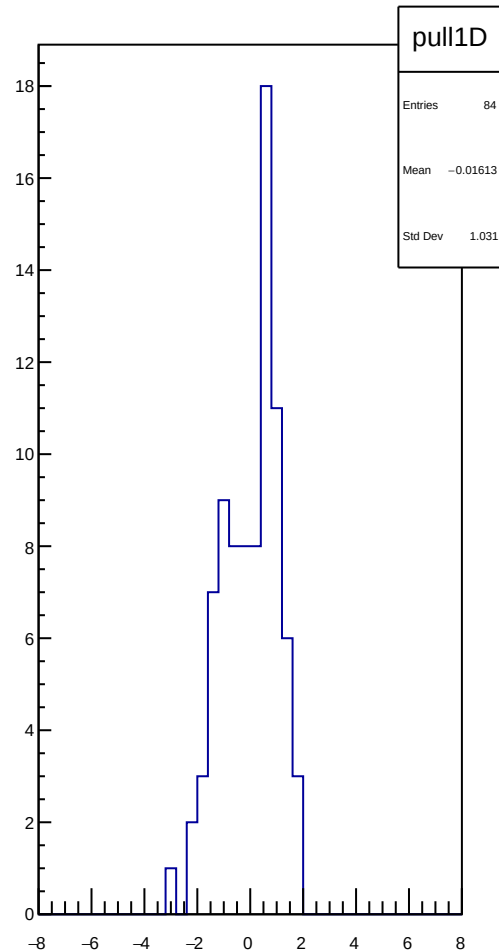
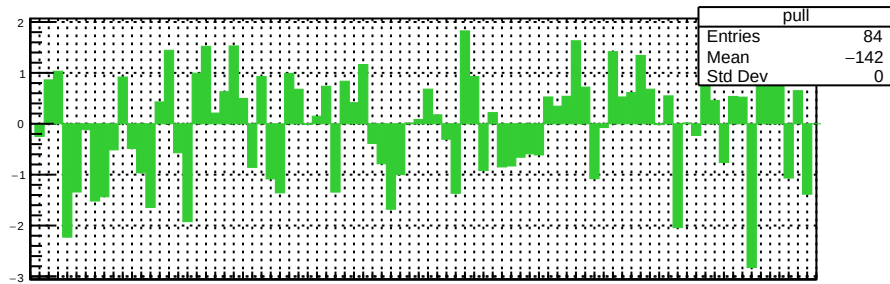
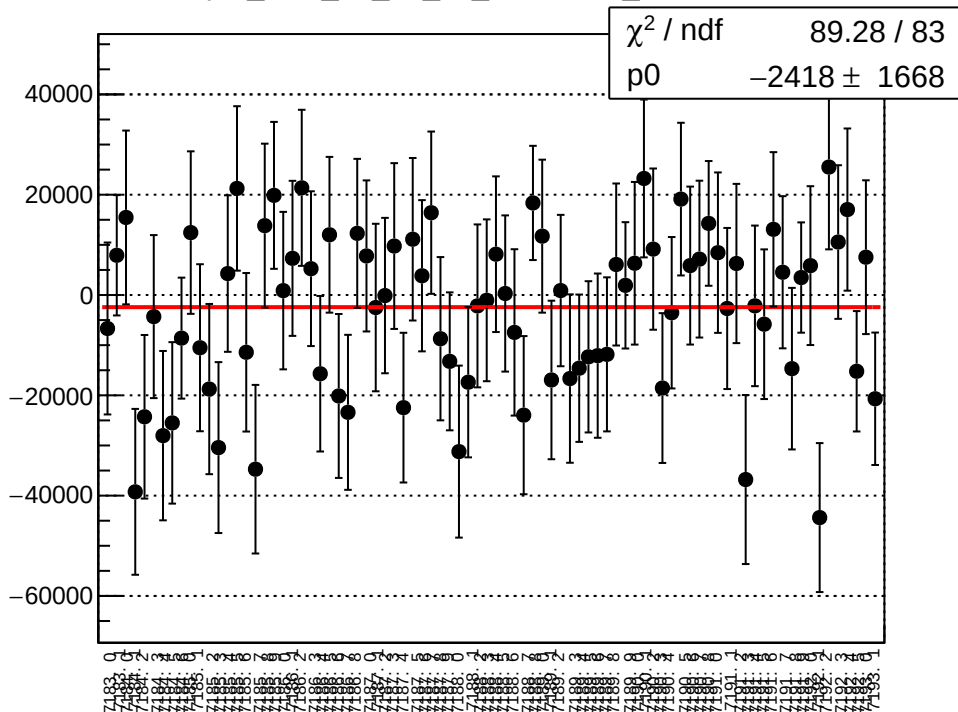
p0

209.2 ± 0.1645

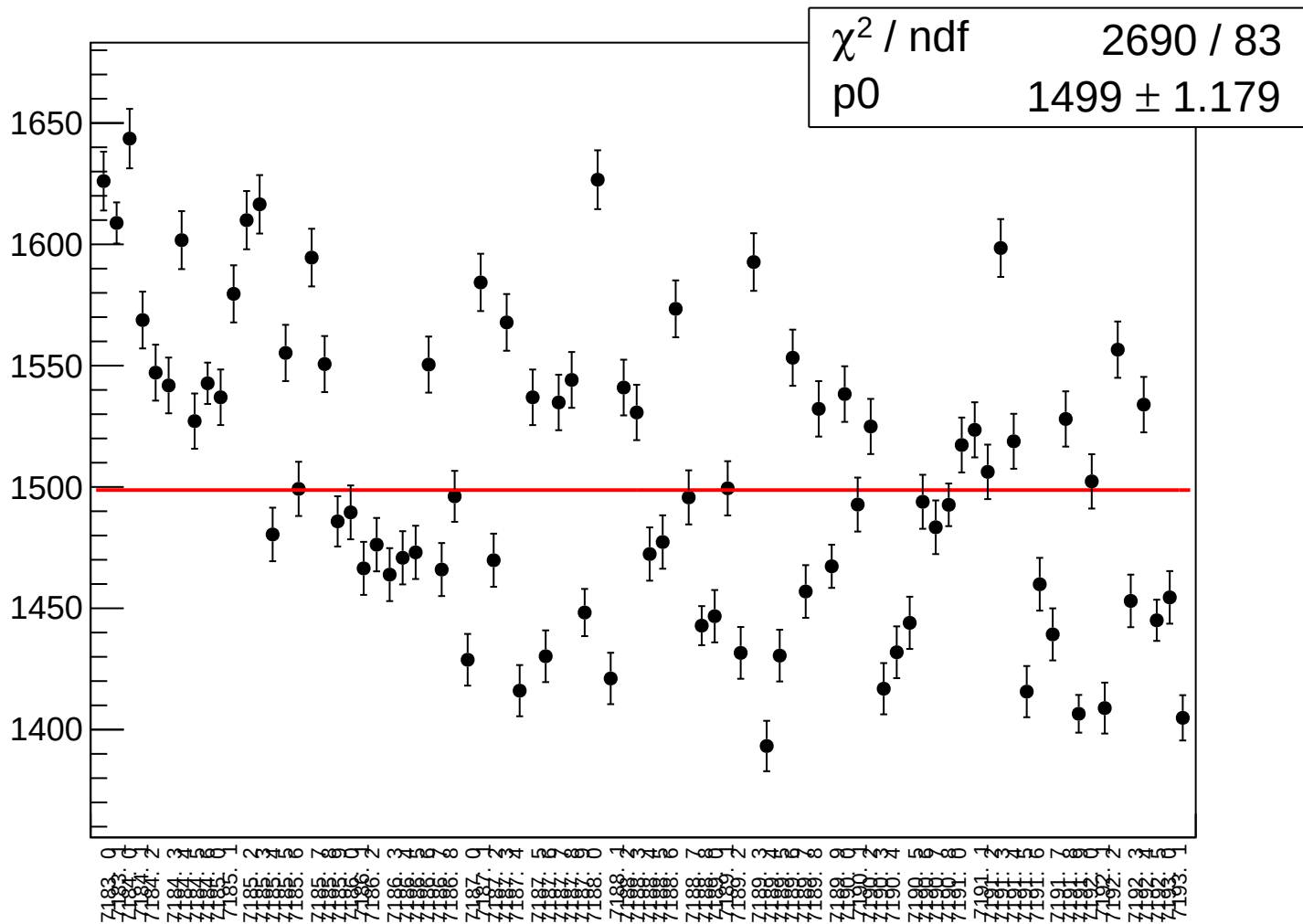


run
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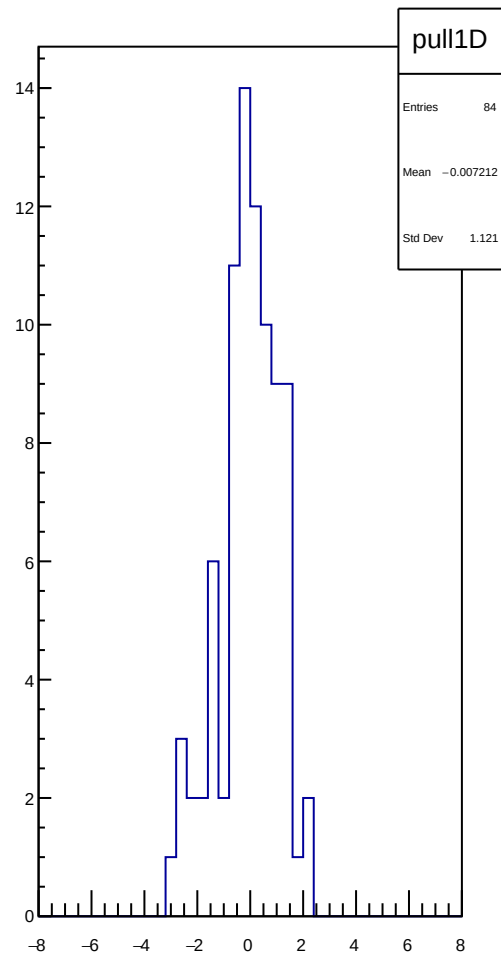
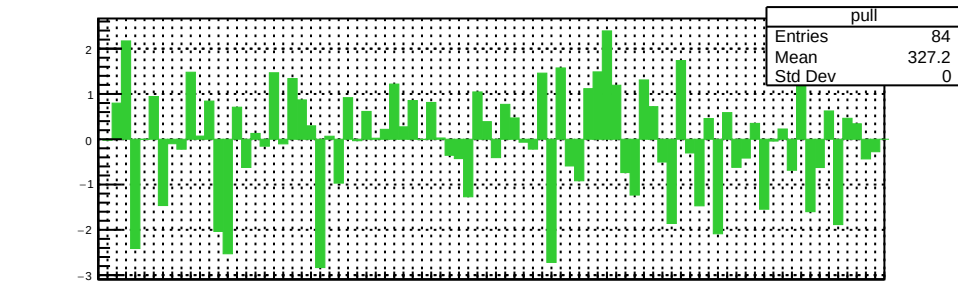
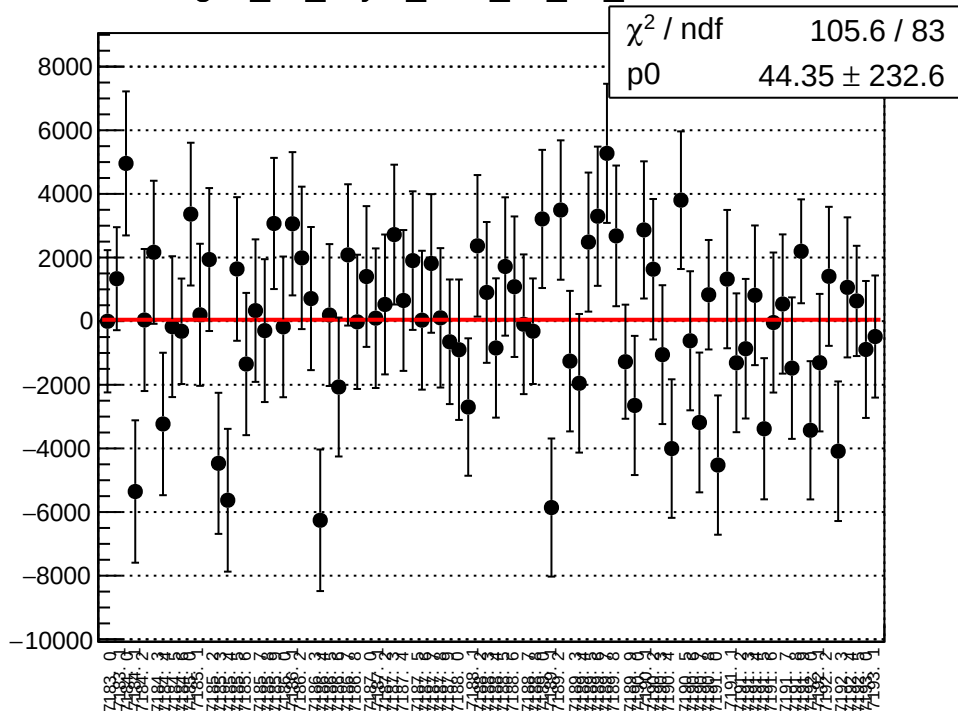
asym_sam_26_dd_dit_correction_mean vs run



asym_sam_26_dd_dit_correction_rms vs run



eigen_dit_asym_sam_26_dd_mean vs run



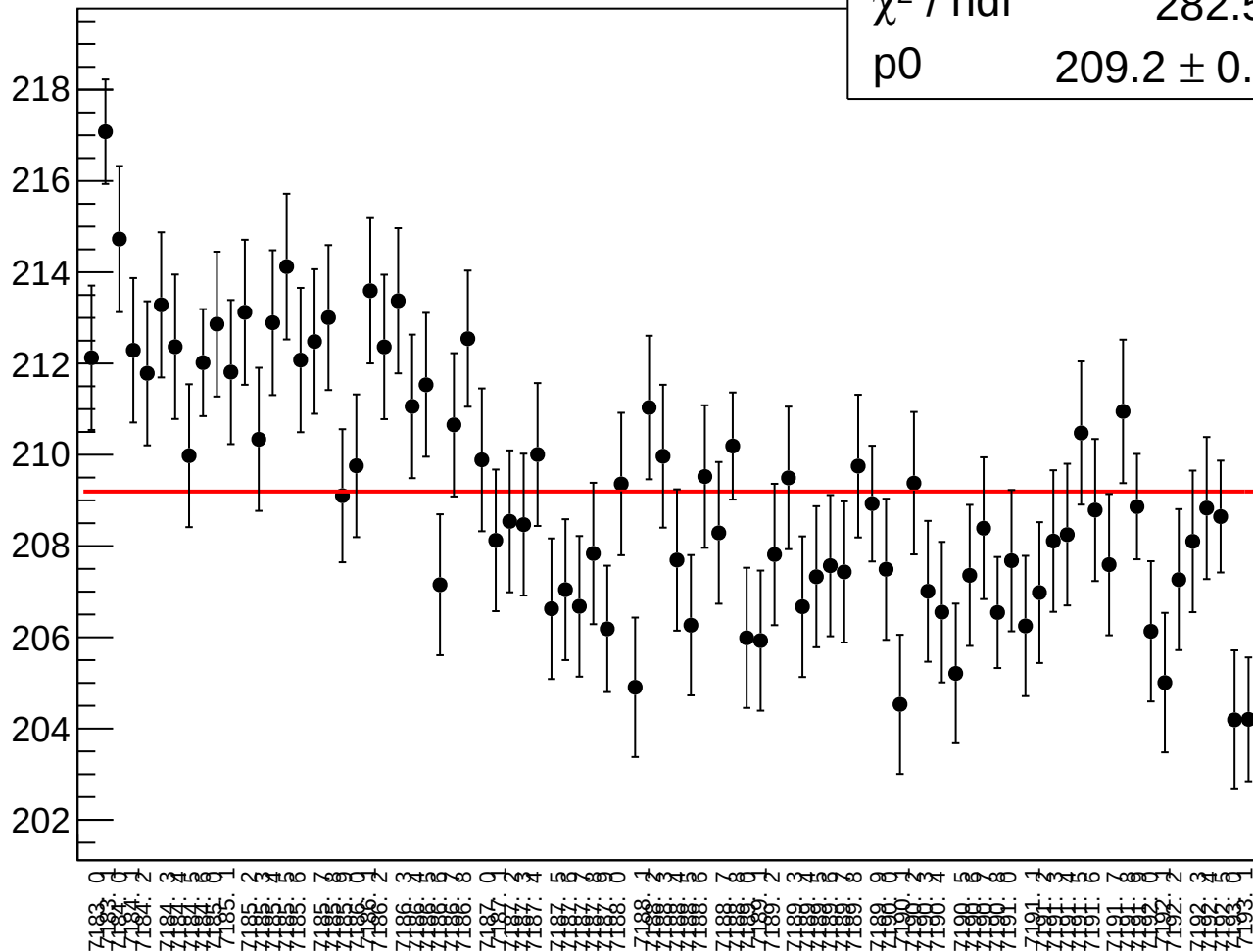
eigen_dit_asym_sam_26_dd_rms vs run

χ^2 / ndf

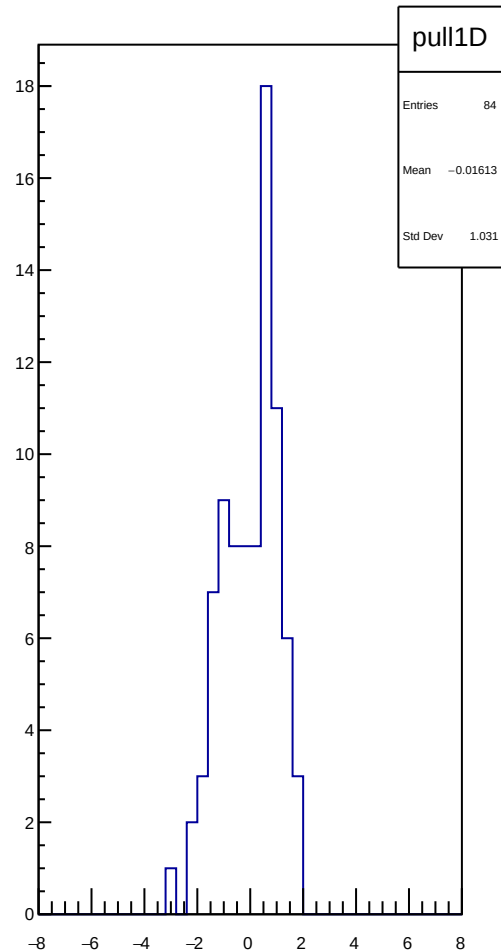
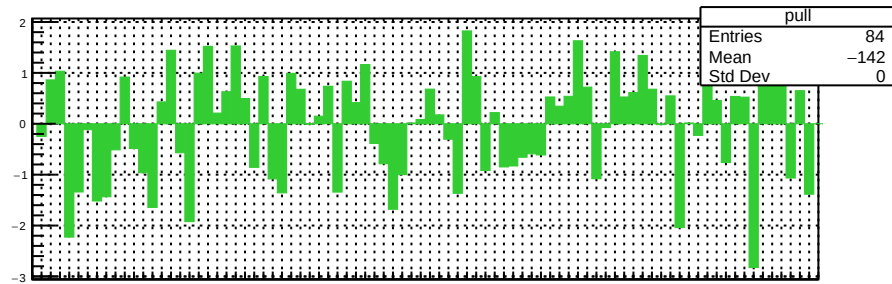
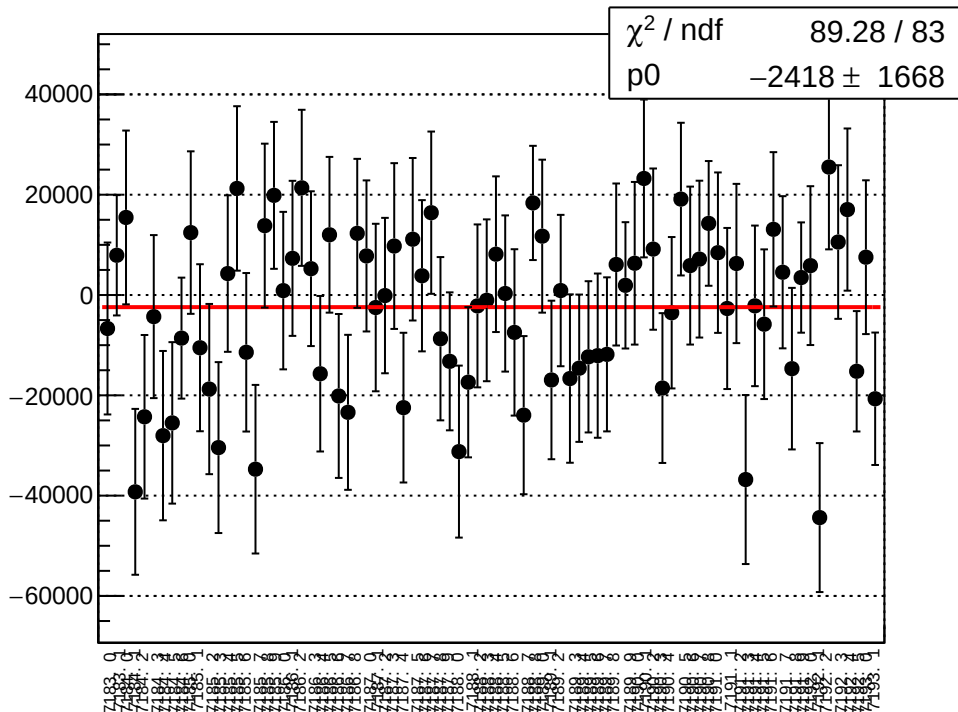
282.5 / 83

p0

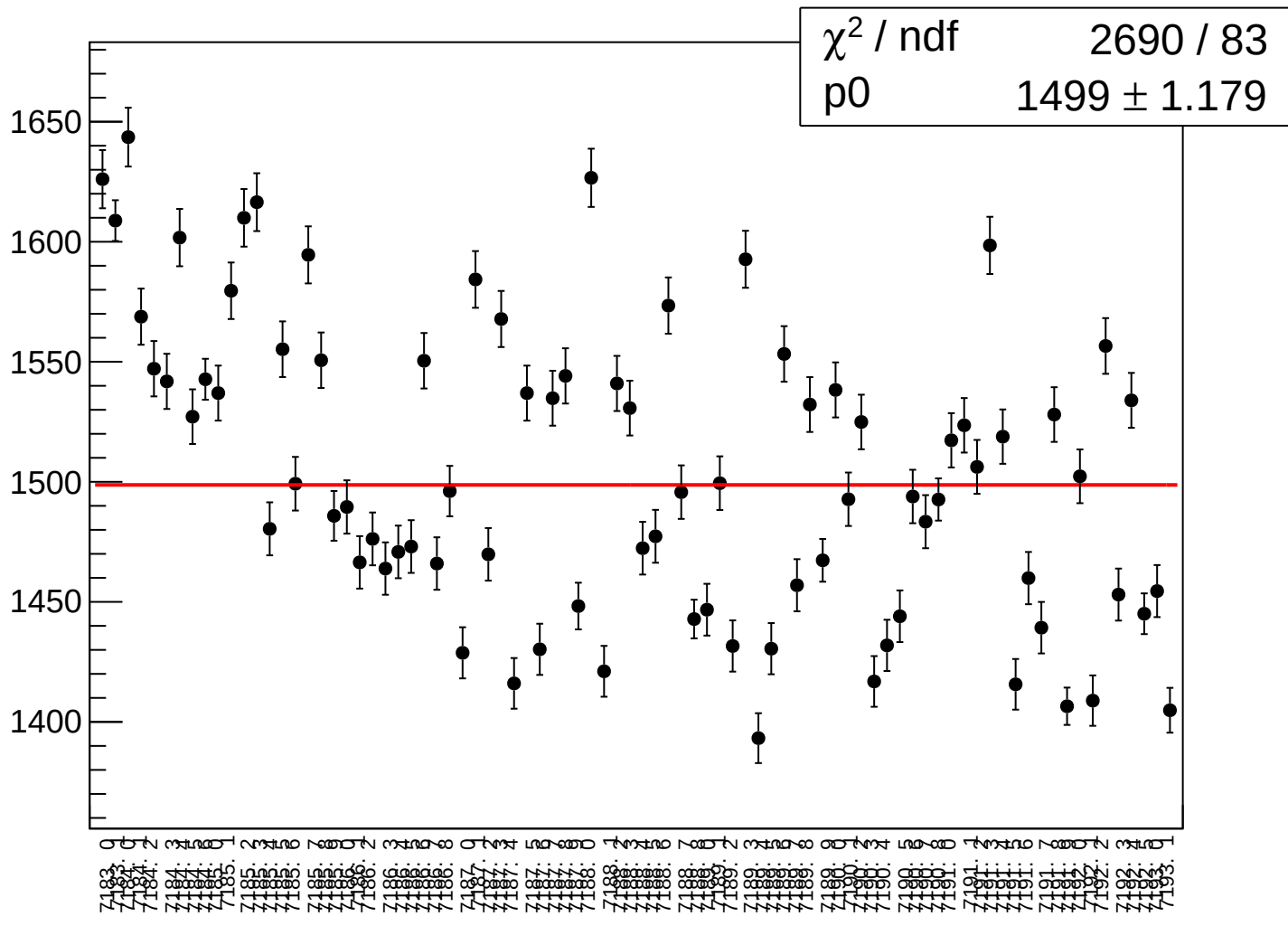
209.2 ± 0.1645



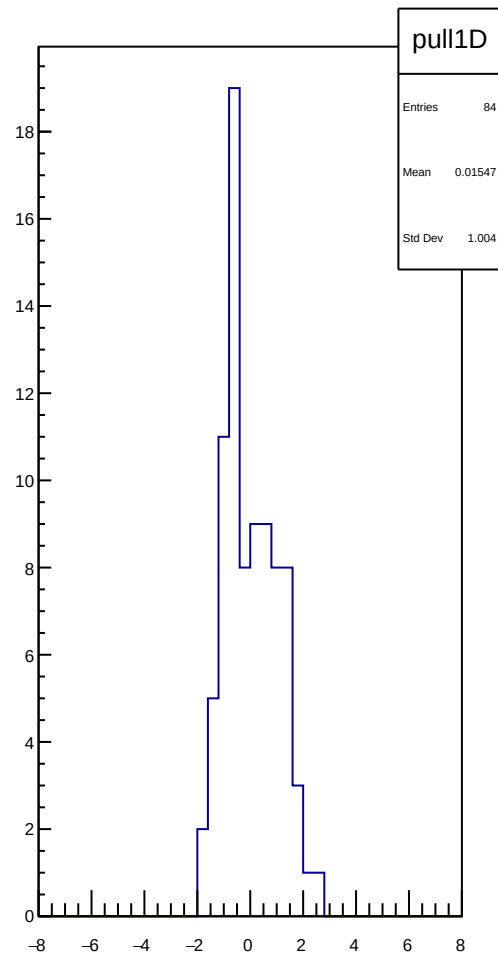
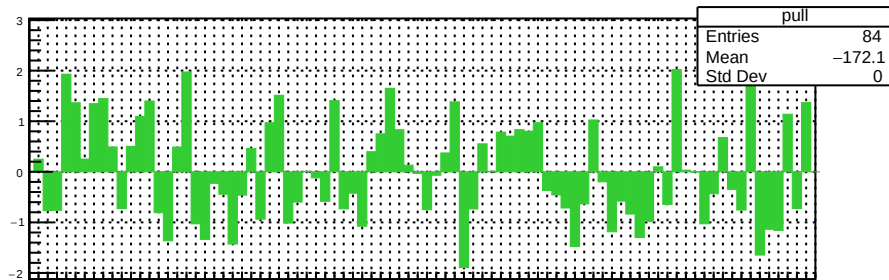
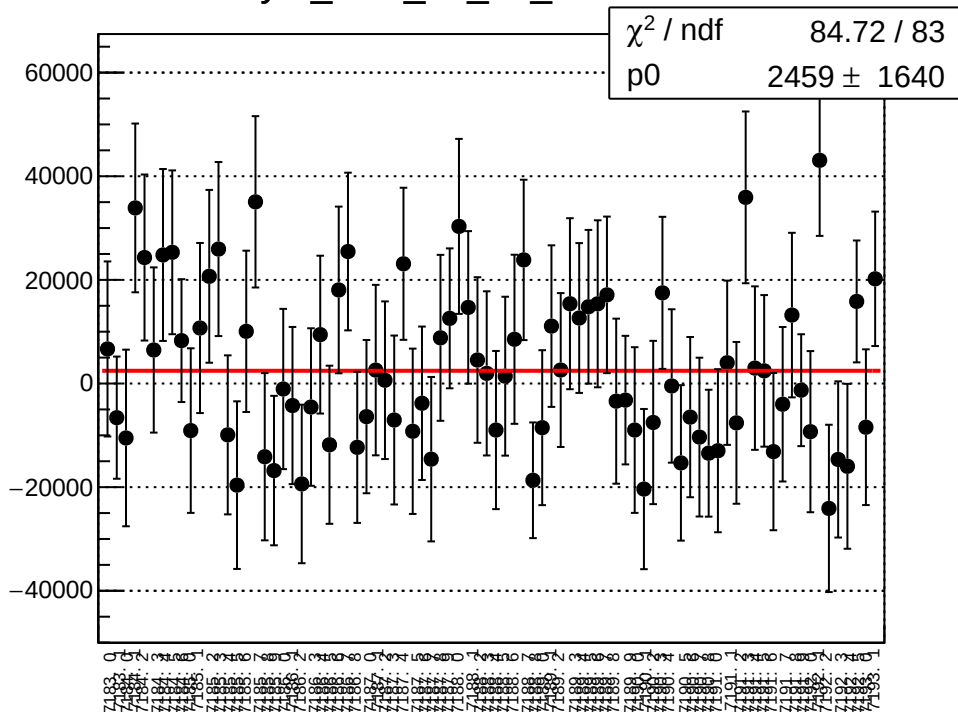
asym_sam_26_dd_eigen_dit_correction_mean vs run



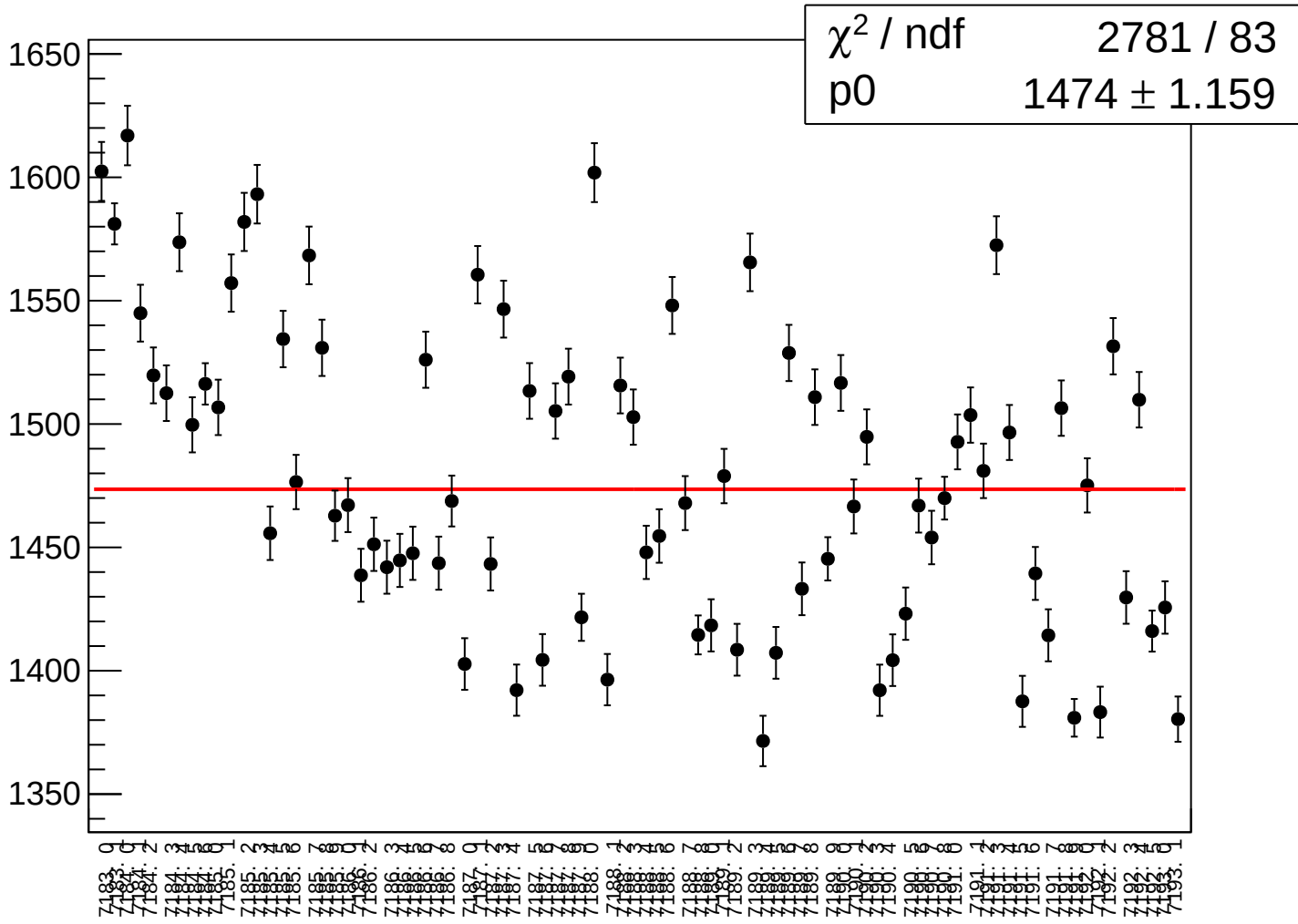
asym_sam_26_dd_eigen_dit_correction_rms vs run



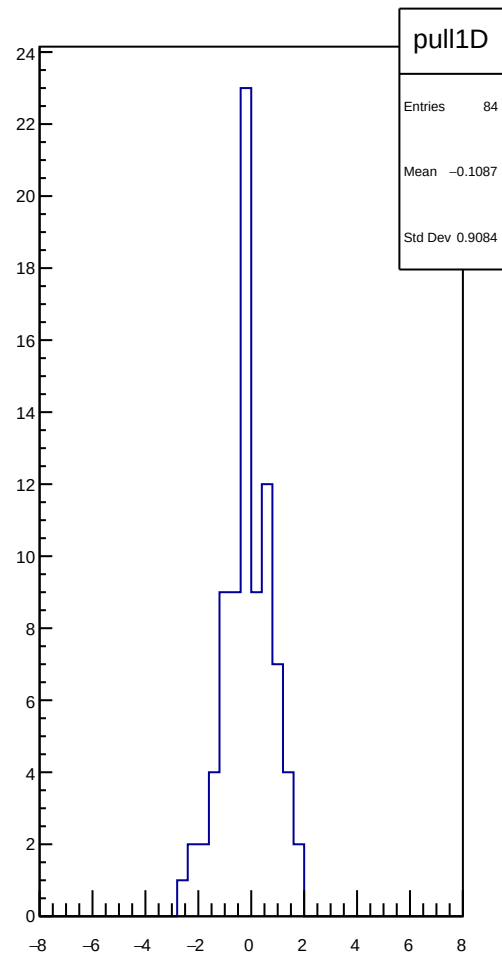
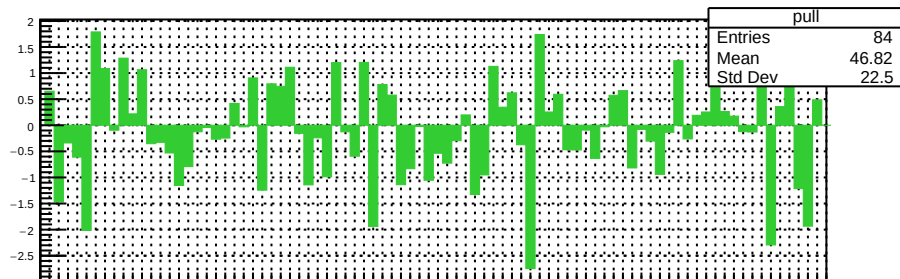
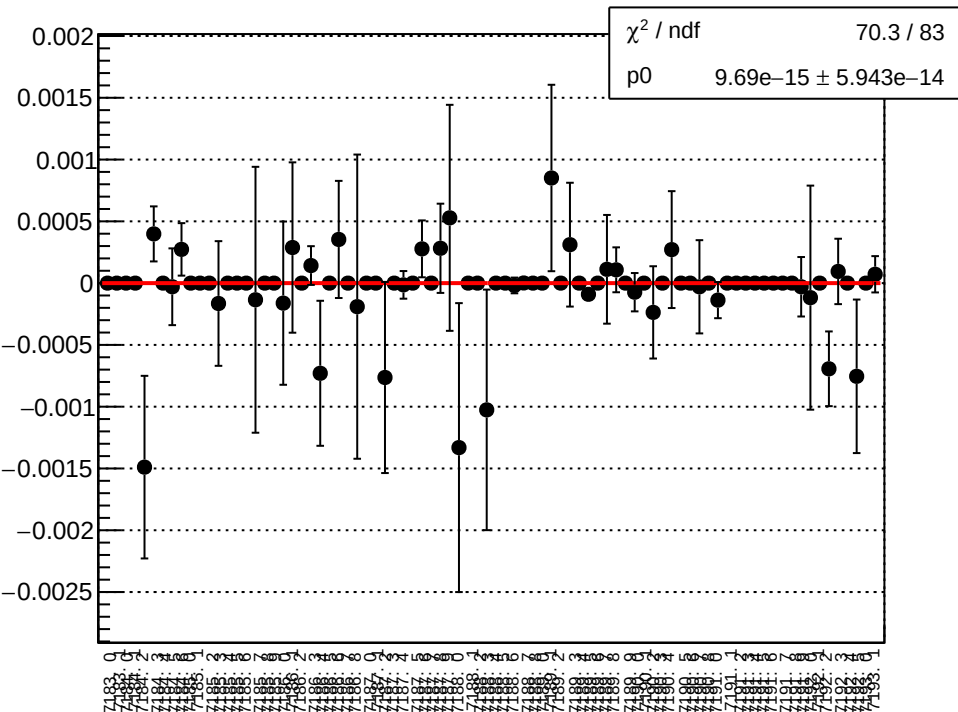
asym_sam_26_dd_mean vs run



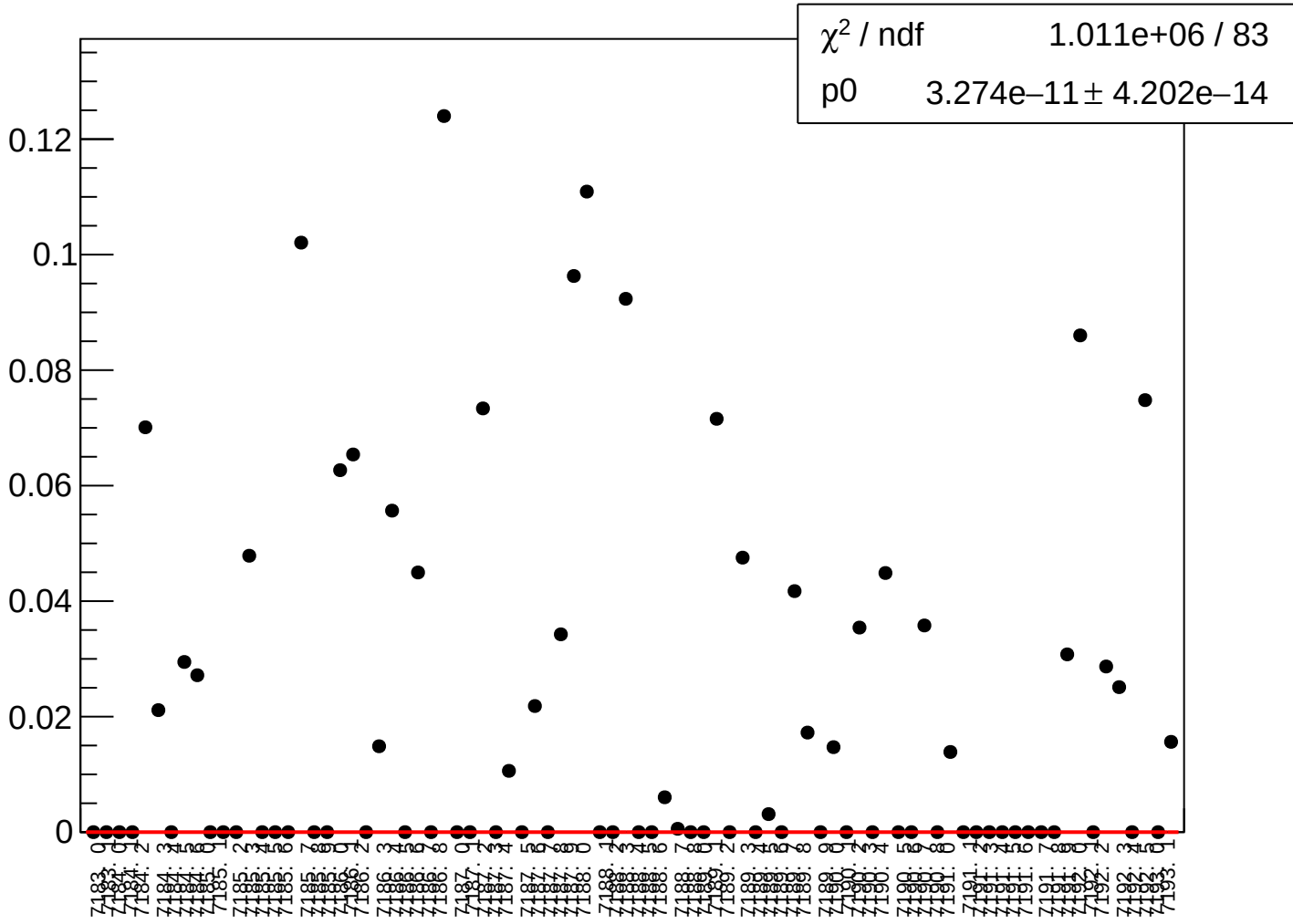
asym_sam_26_dd_rms vs run



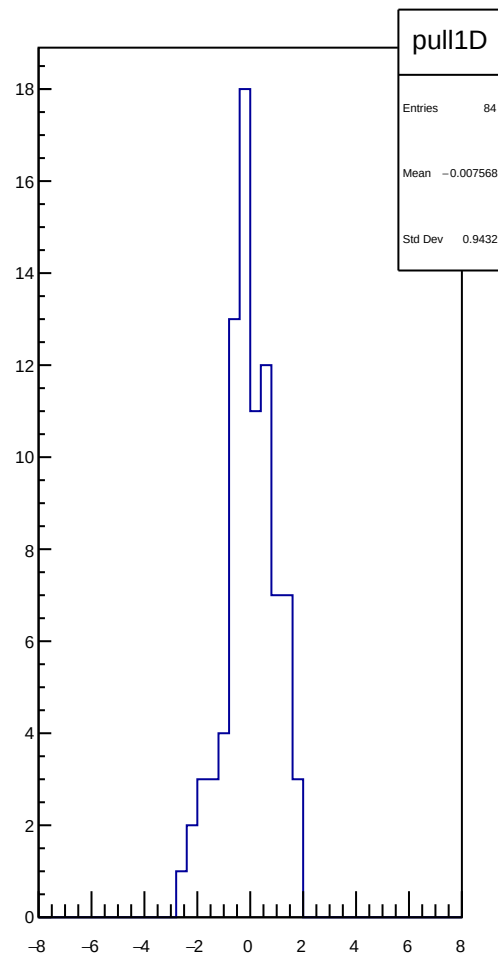
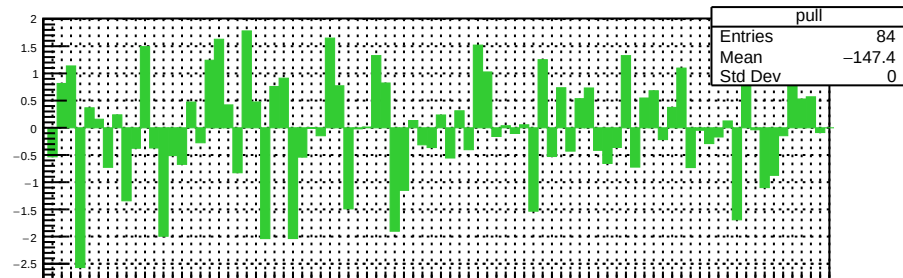
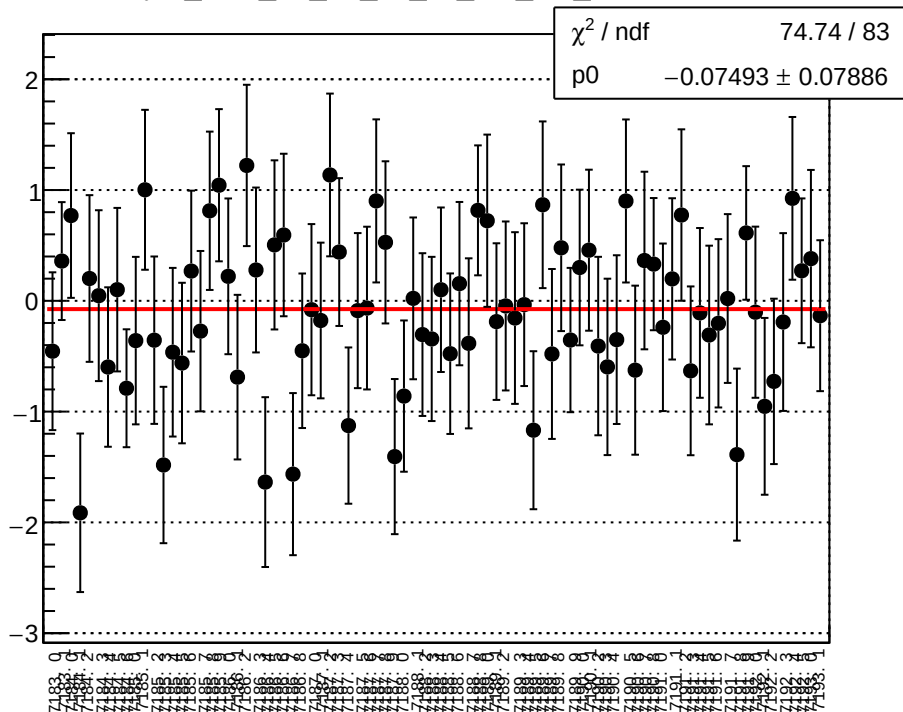
asym_sam_26_dd_reg_vs_cor_diff_mean vs run



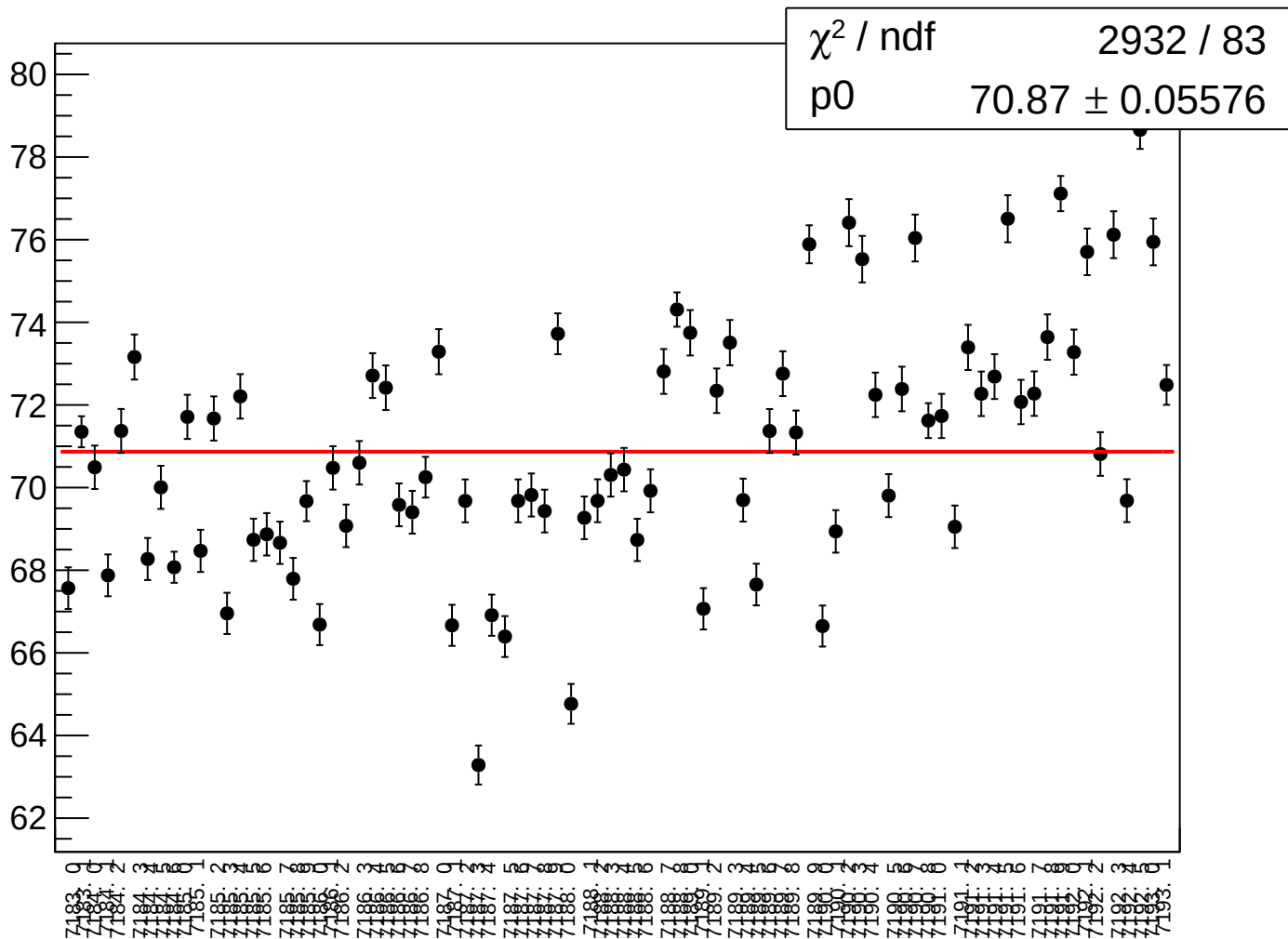
asym_sam_26_dd_reg_vs_cor_diff_rms vs run



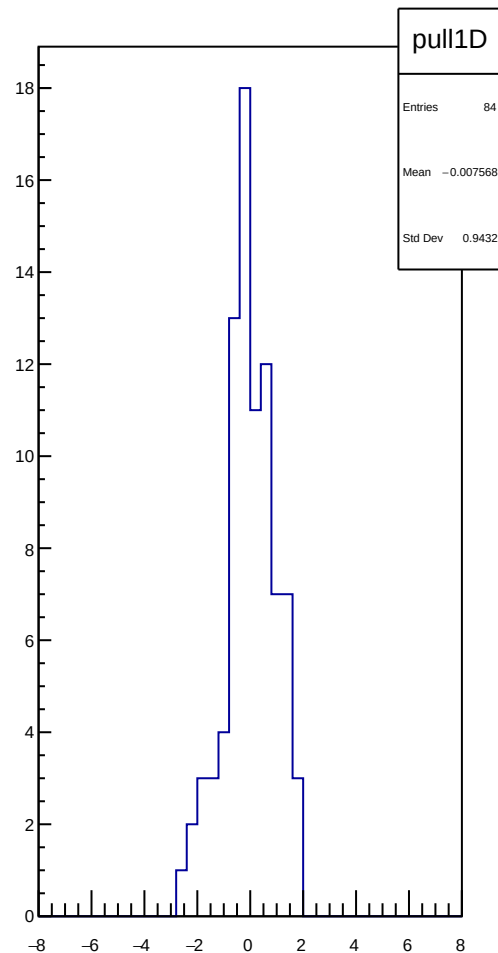
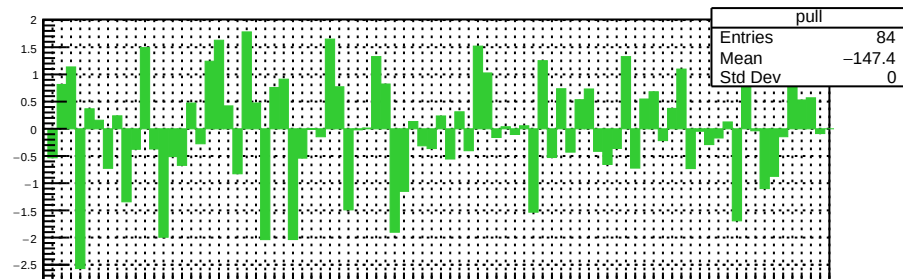
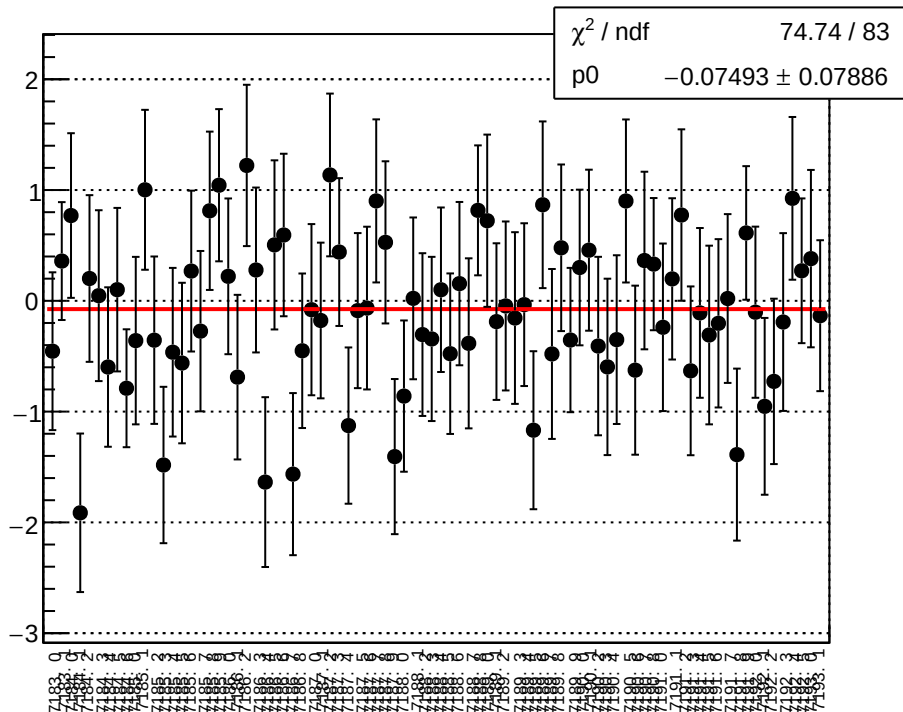
asym_sam_26_dd_dit_vs_cor_diff_mean vs run



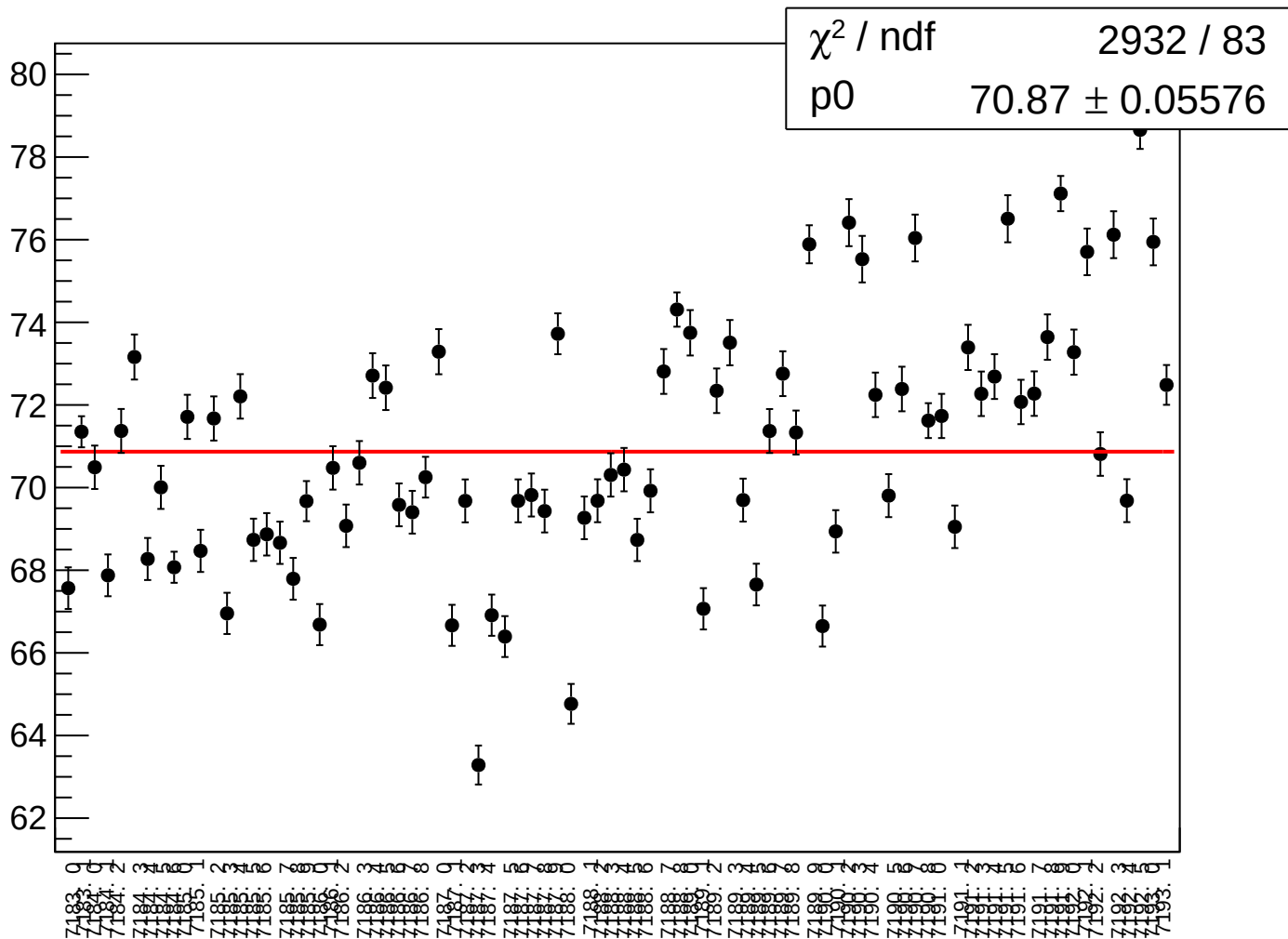
asym_sam_26_dd_dit_vs_cor_diff_rms vs run



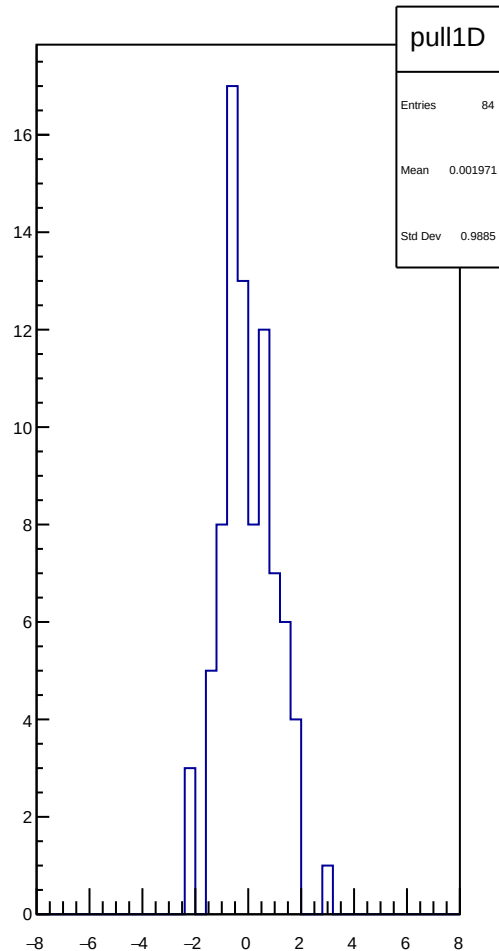
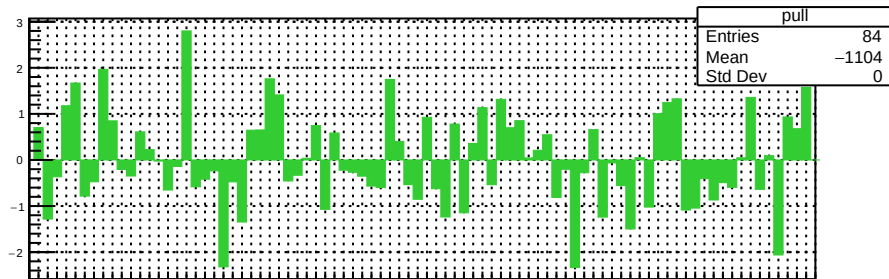
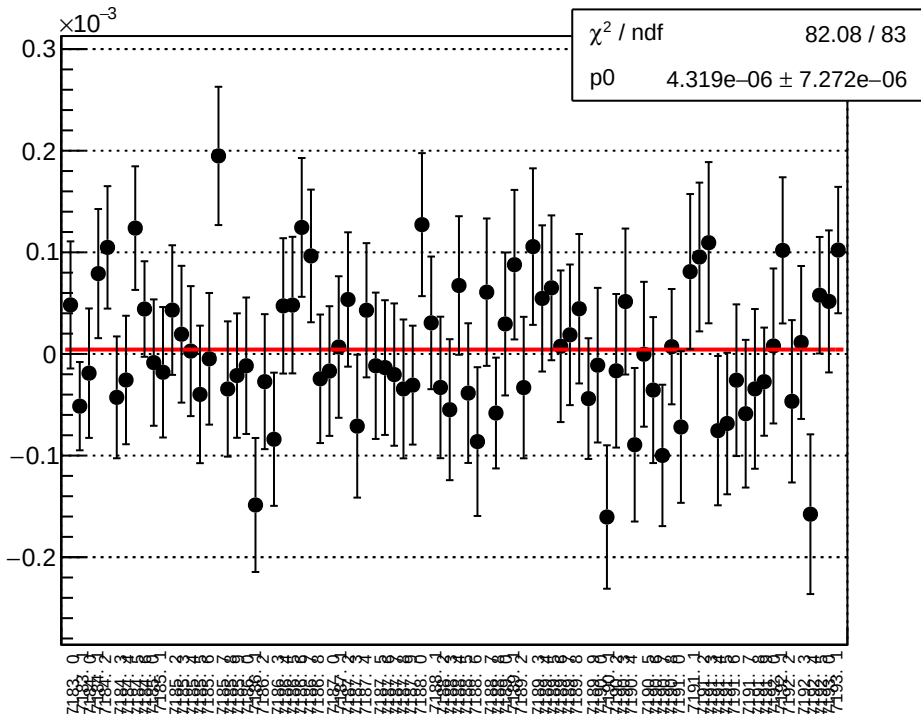
asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs run



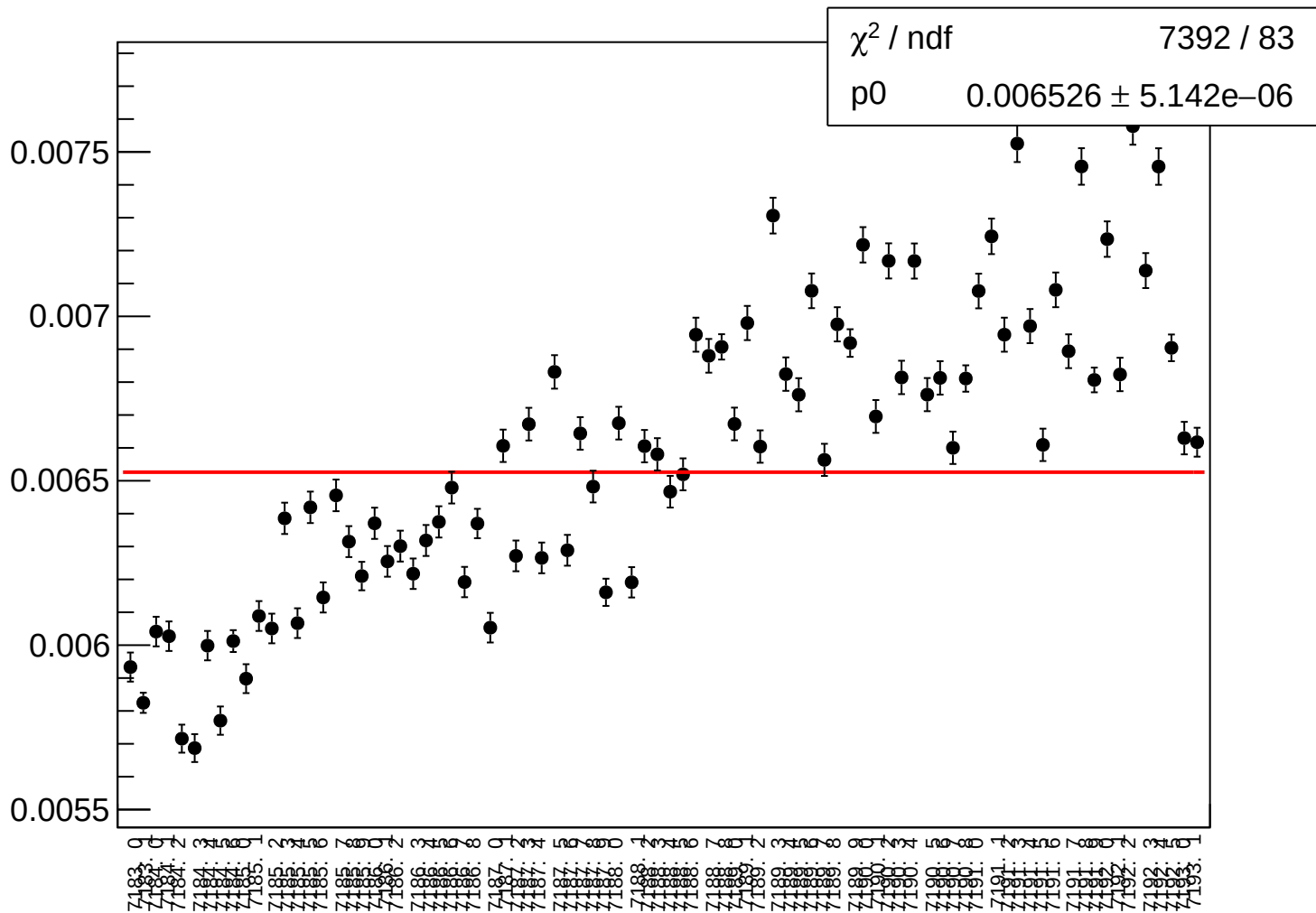
asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs run



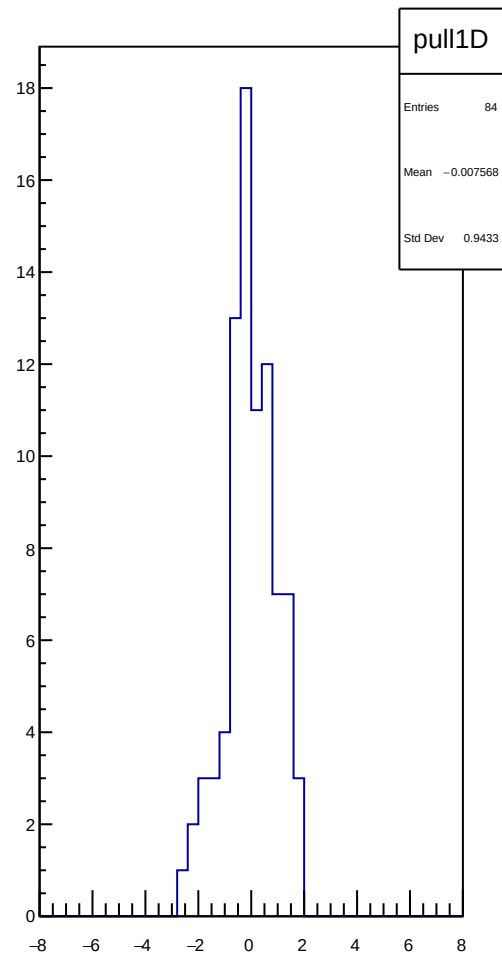
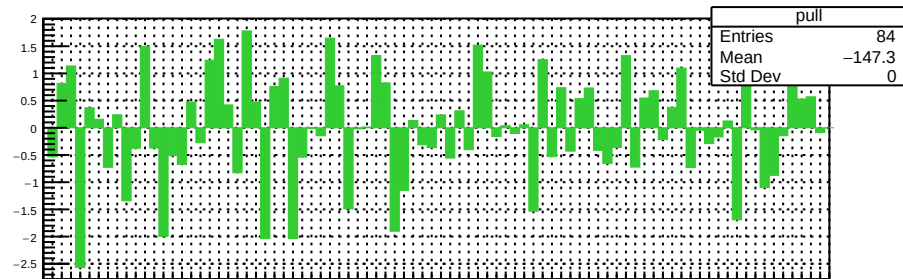
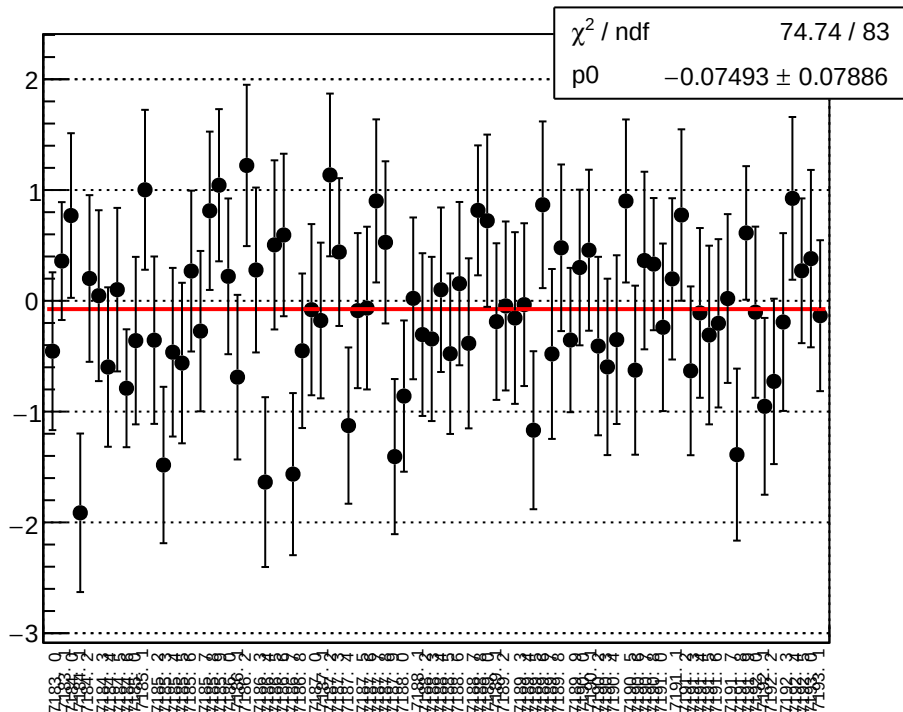
asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs run



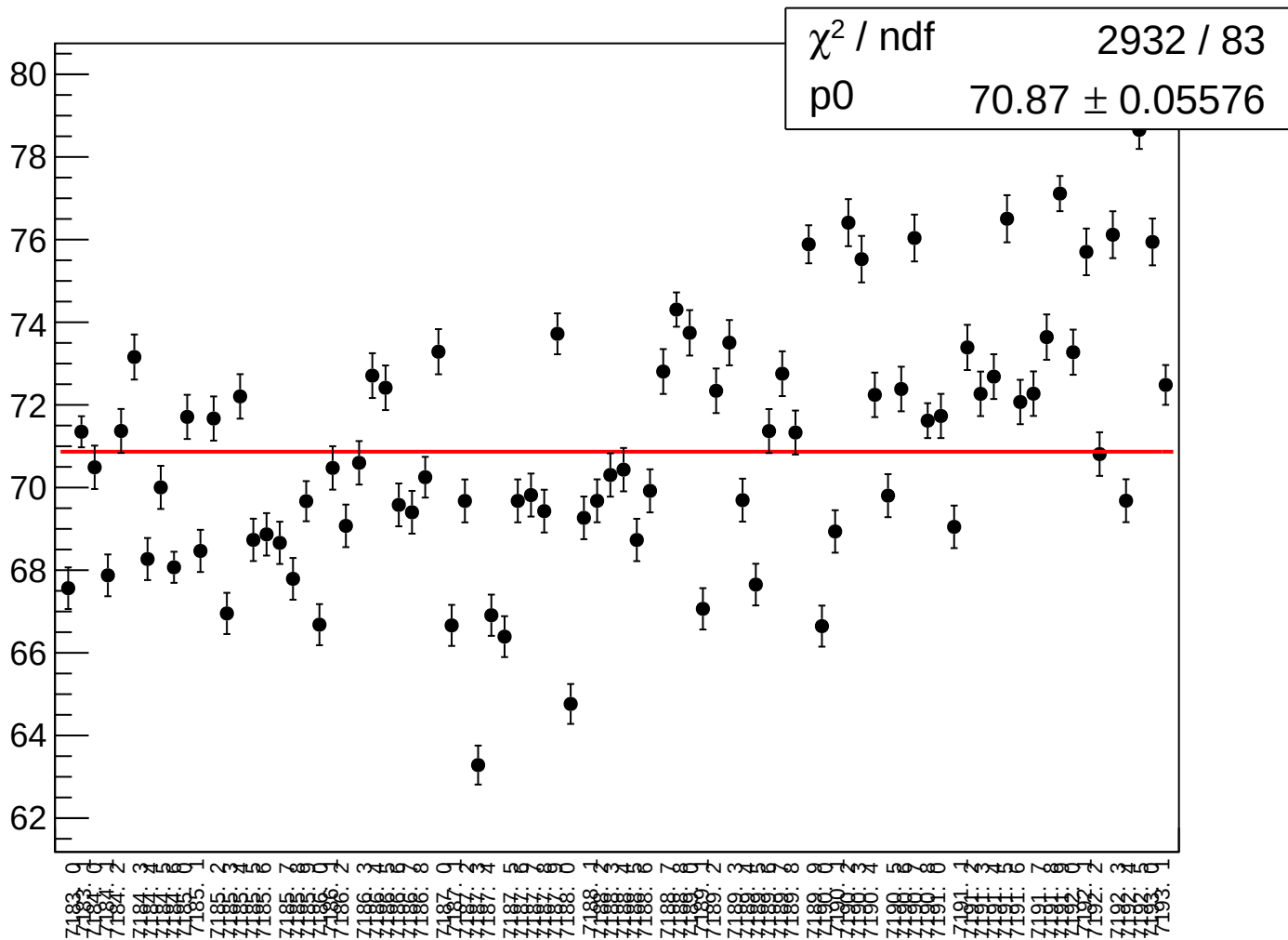
asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs run



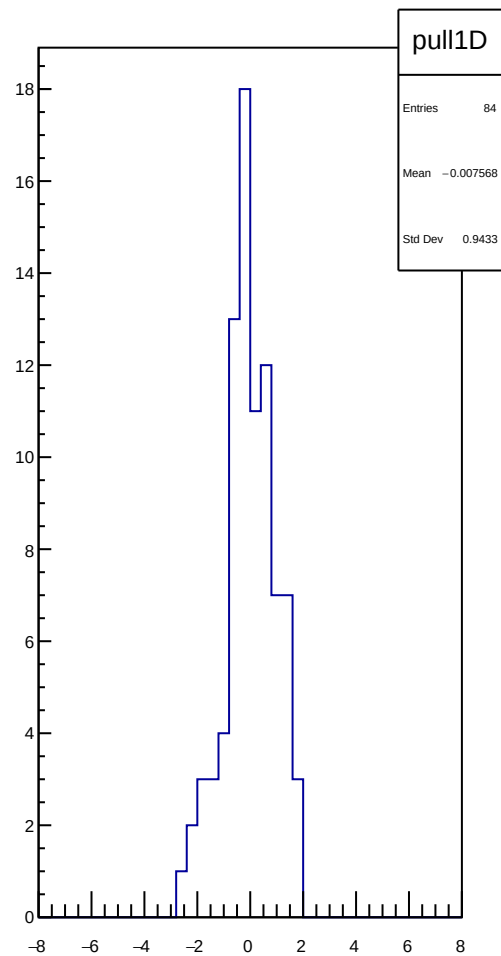
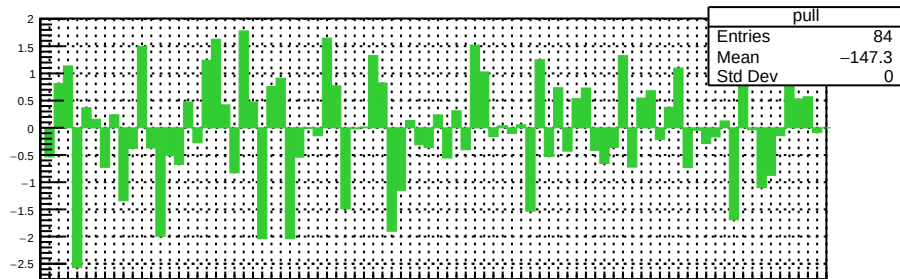
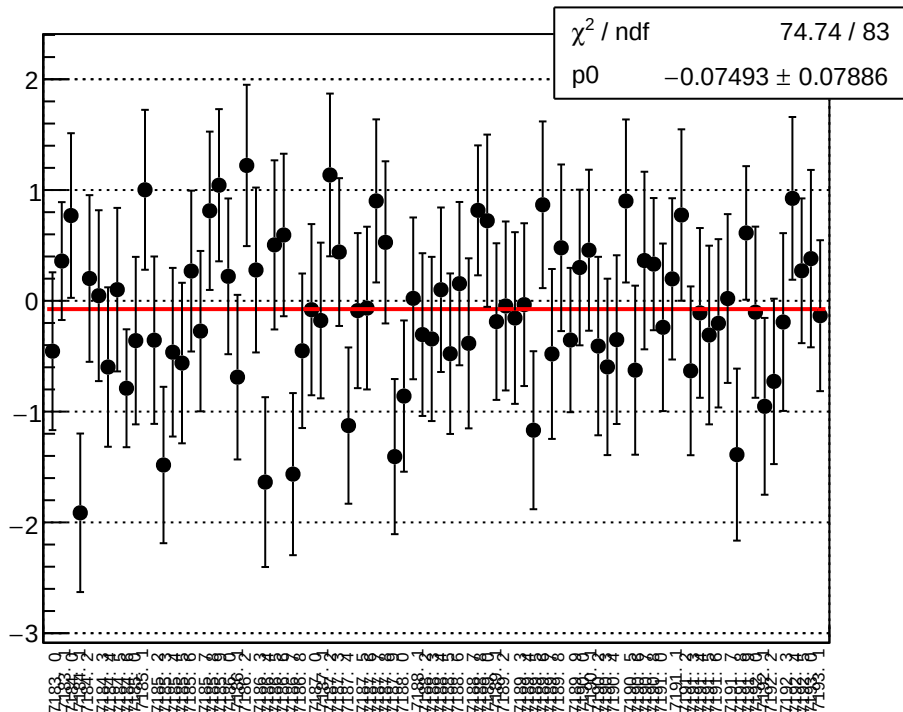
asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs run



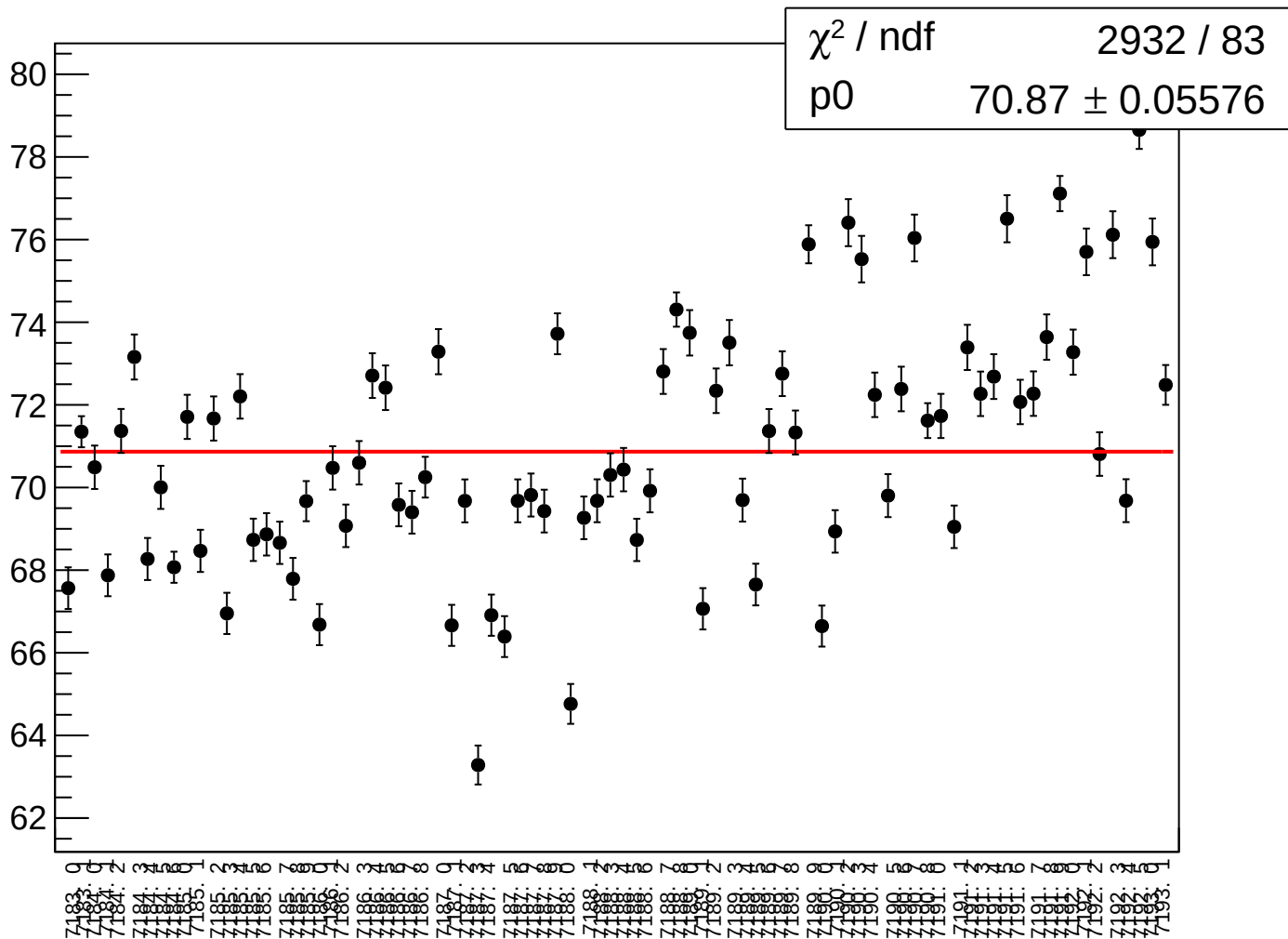
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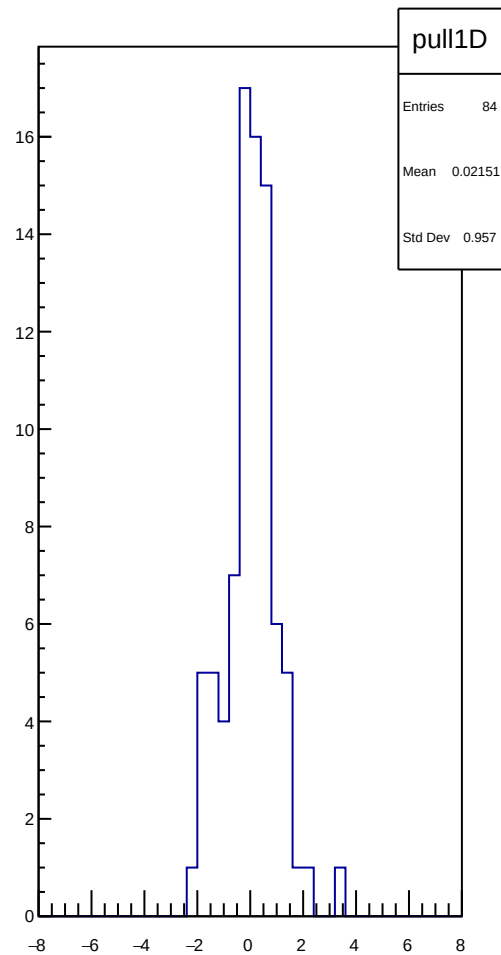
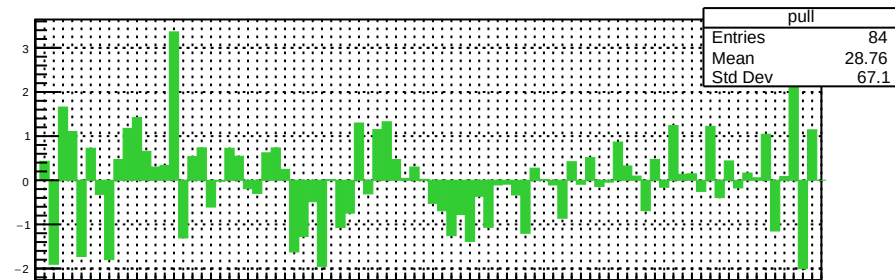
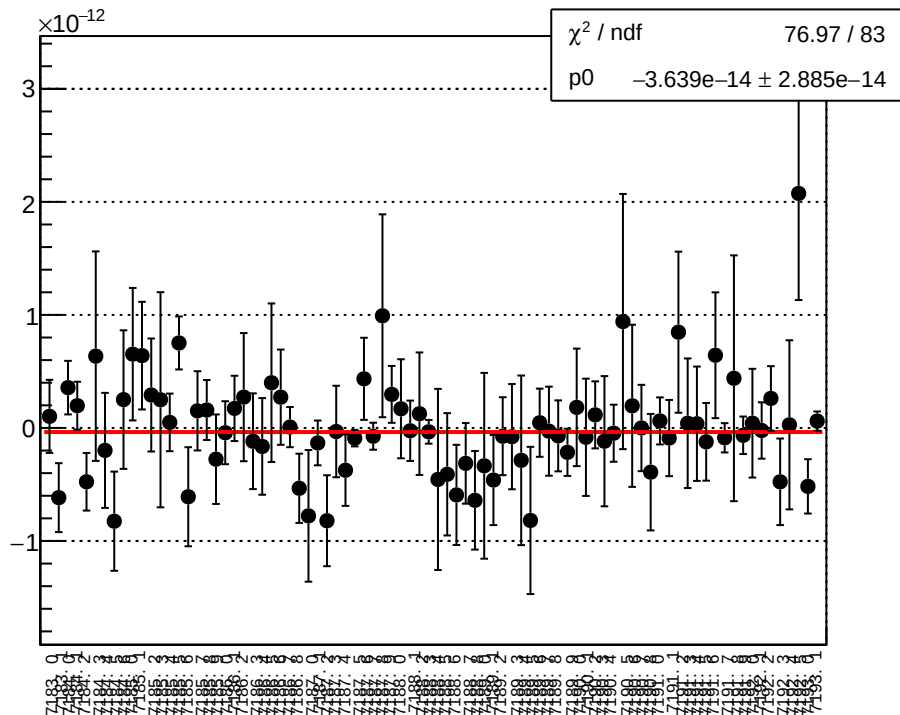
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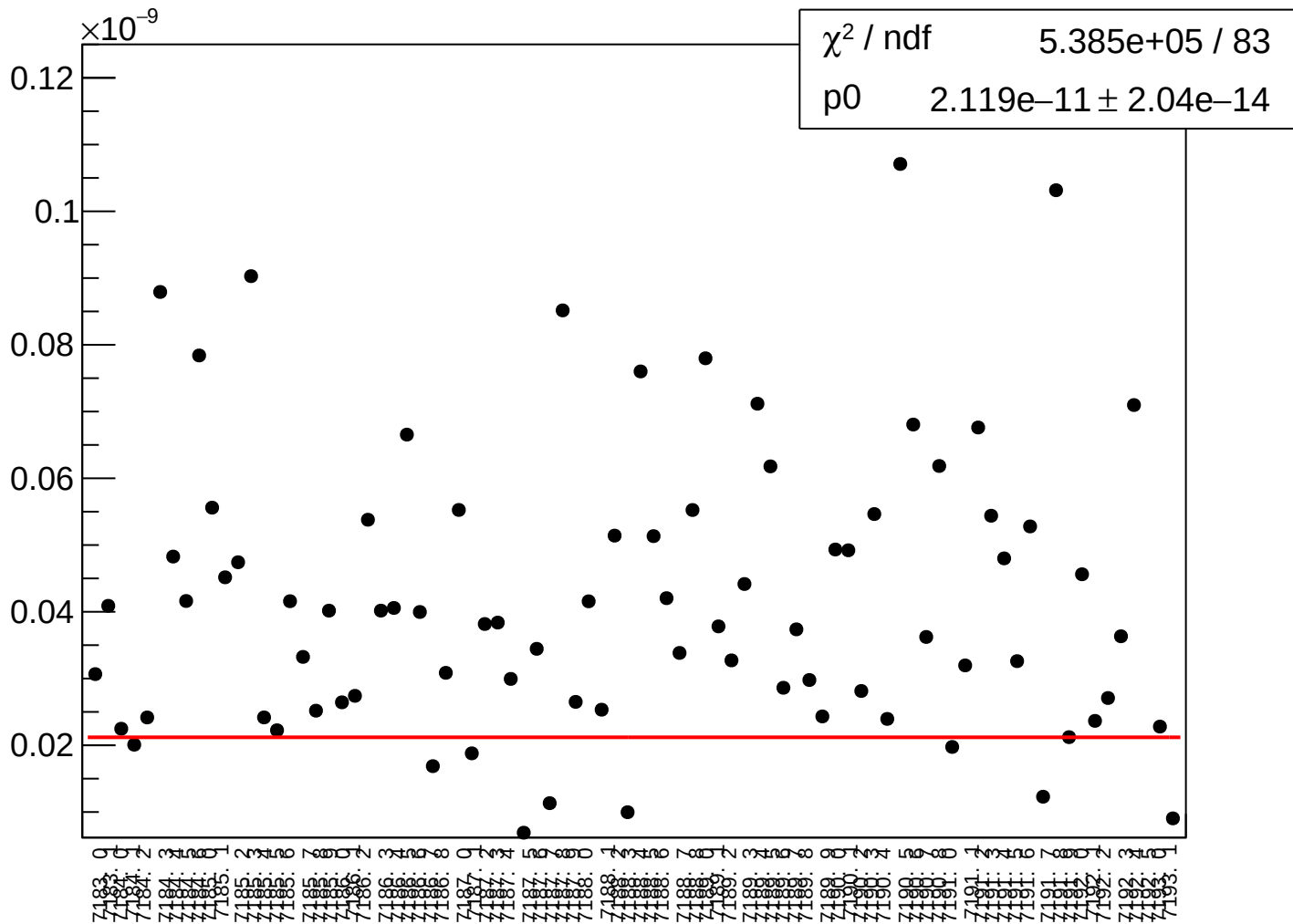
asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



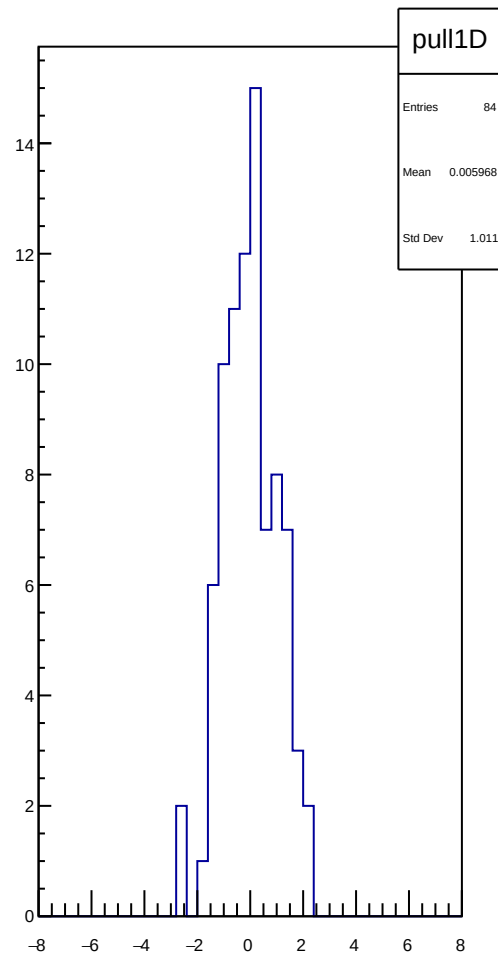
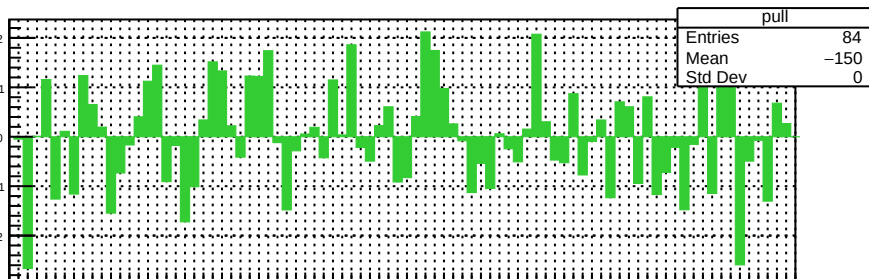
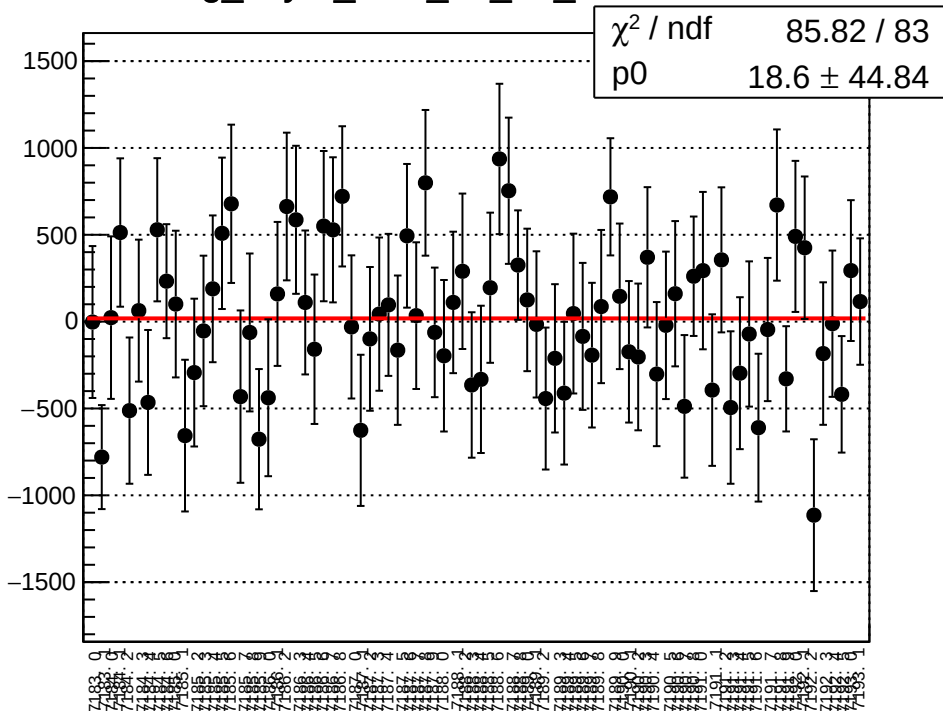
asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_37_dd_mean vs run



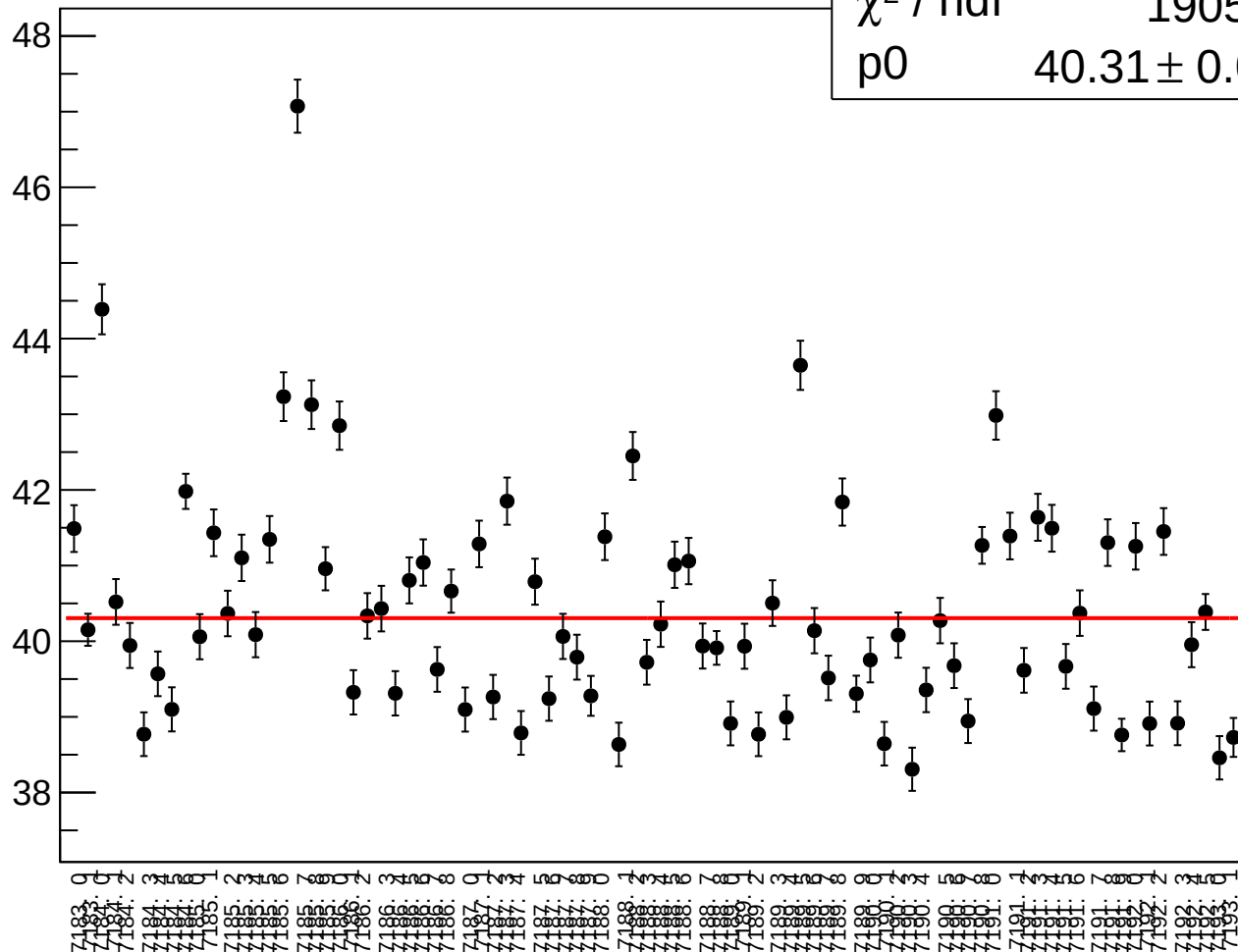
reg_asym_sam_37_dd_rms vs run

χ^2 / ndf

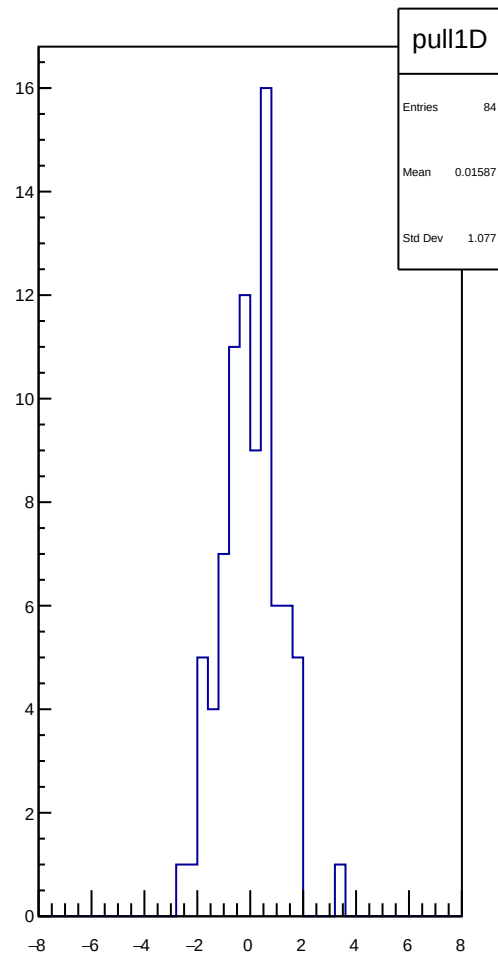
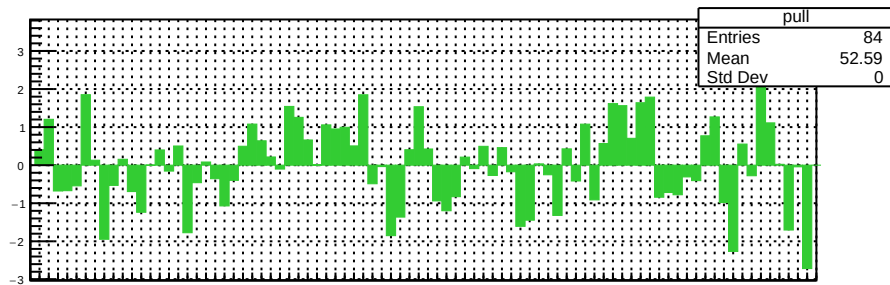
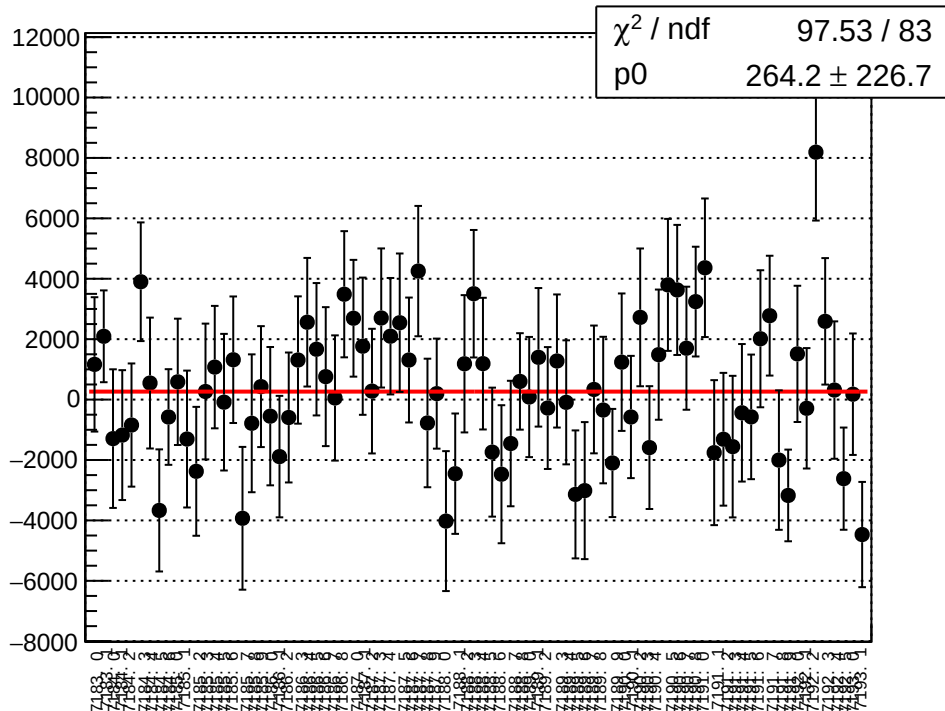
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p0

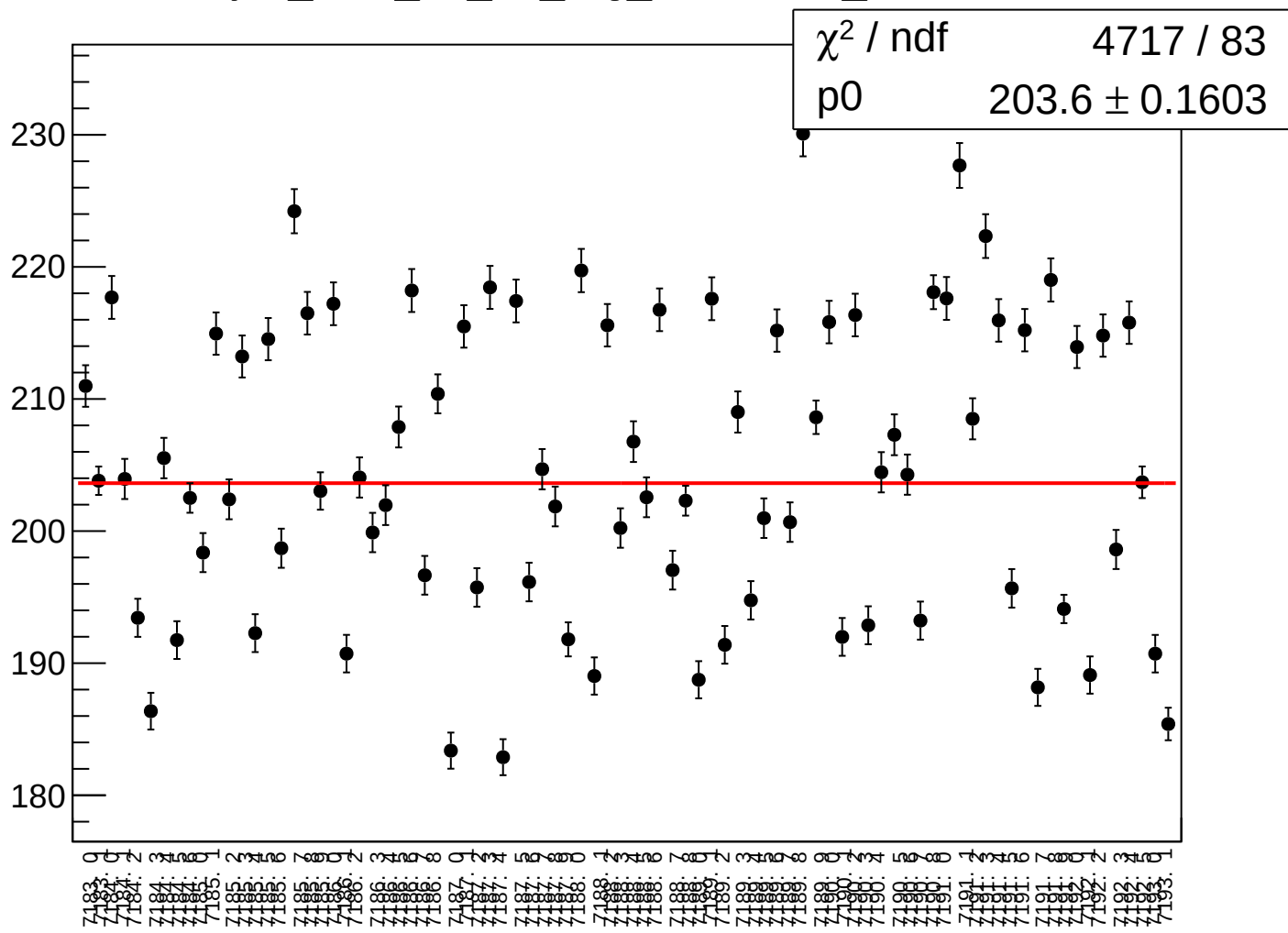
40.31 ± 0.0317



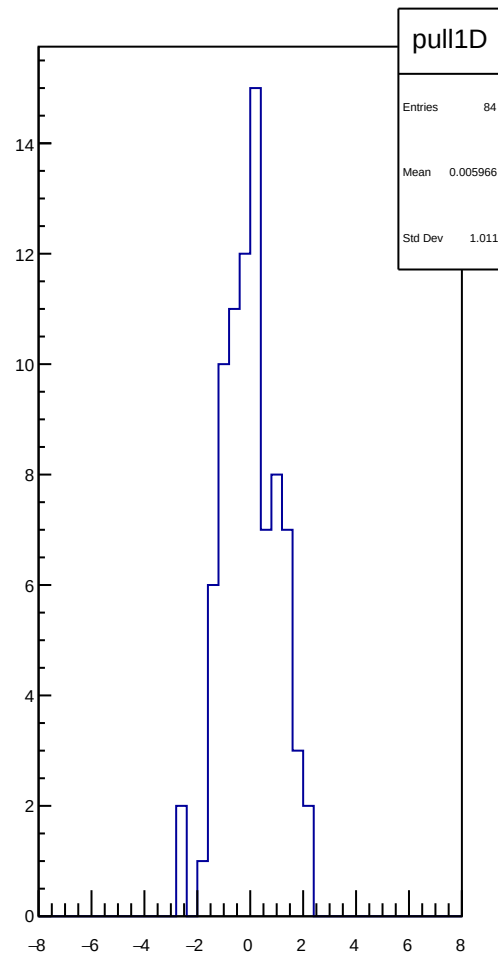
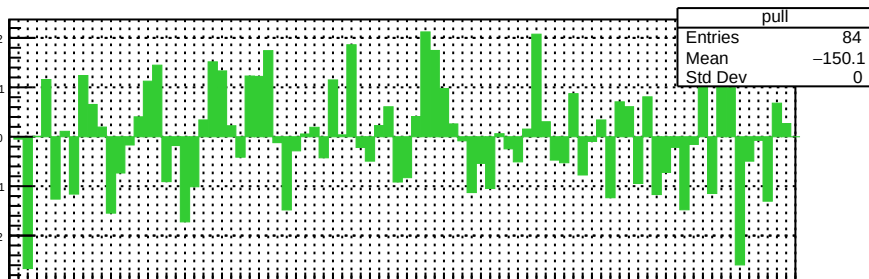
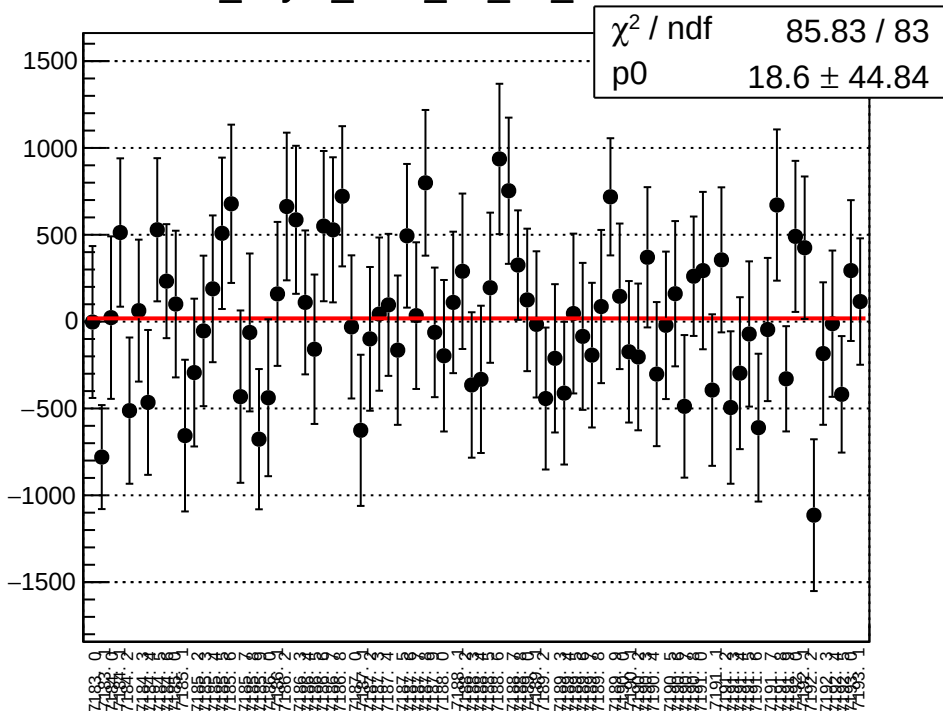
asym_sam_37_dd_reg_correction_mean vs run



asym_sam_37_dd_reg_correction_rms vs run



cor_asym_sam_37_dd_mean vs run



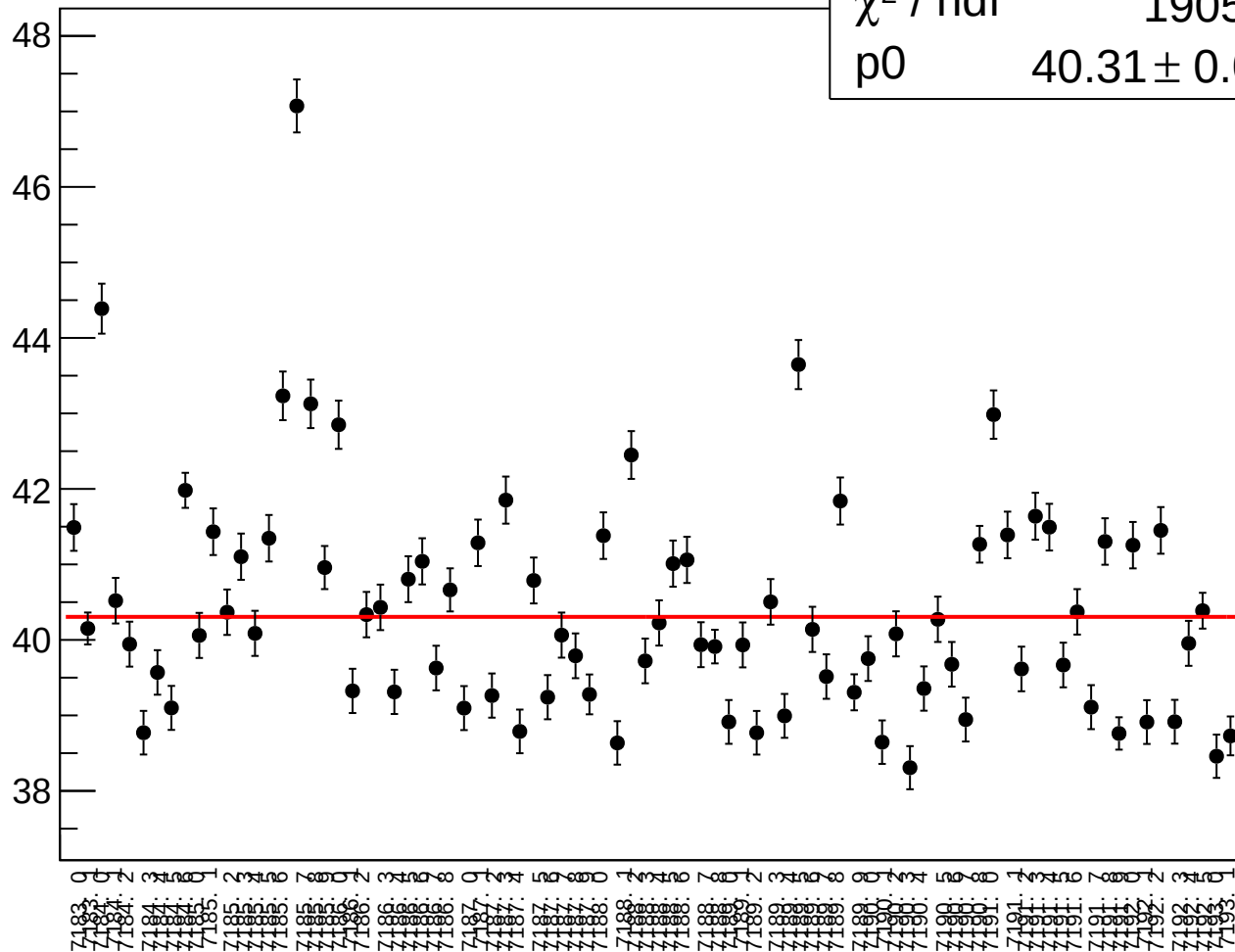
cor_asym_sam_37_dd_rms vs run

χ^2 / ndf

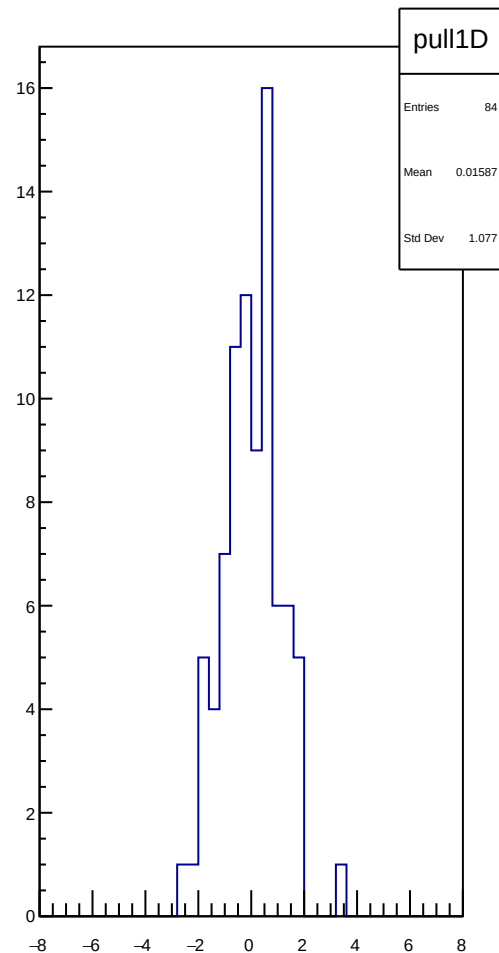
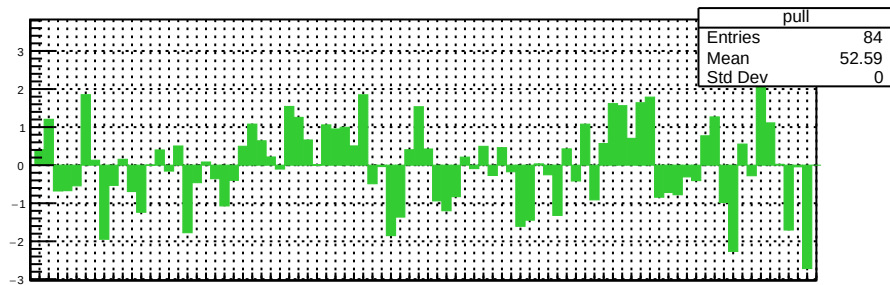
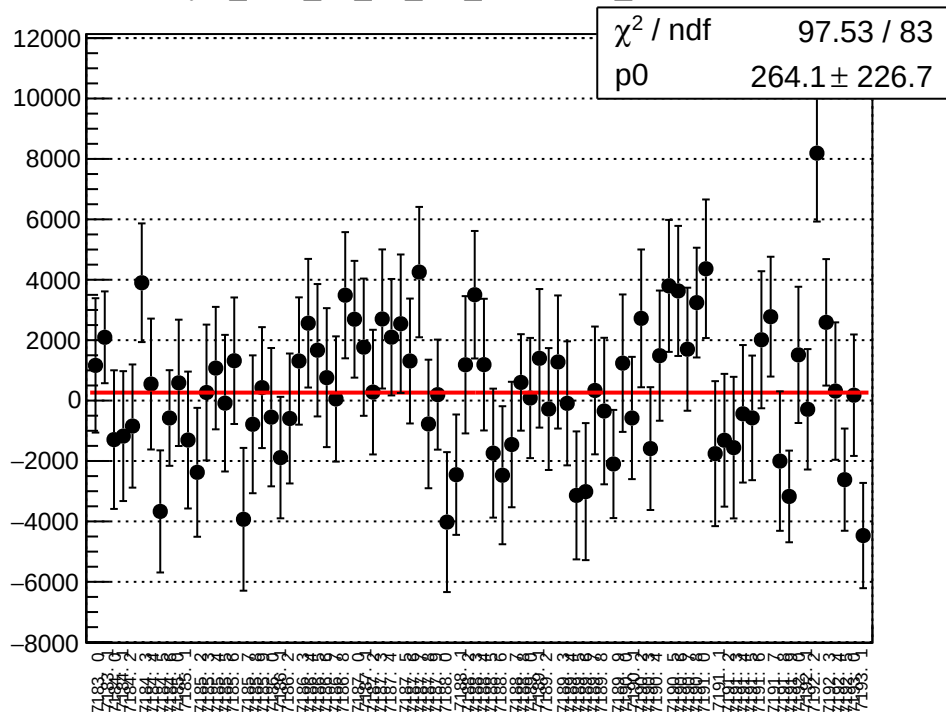
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p0

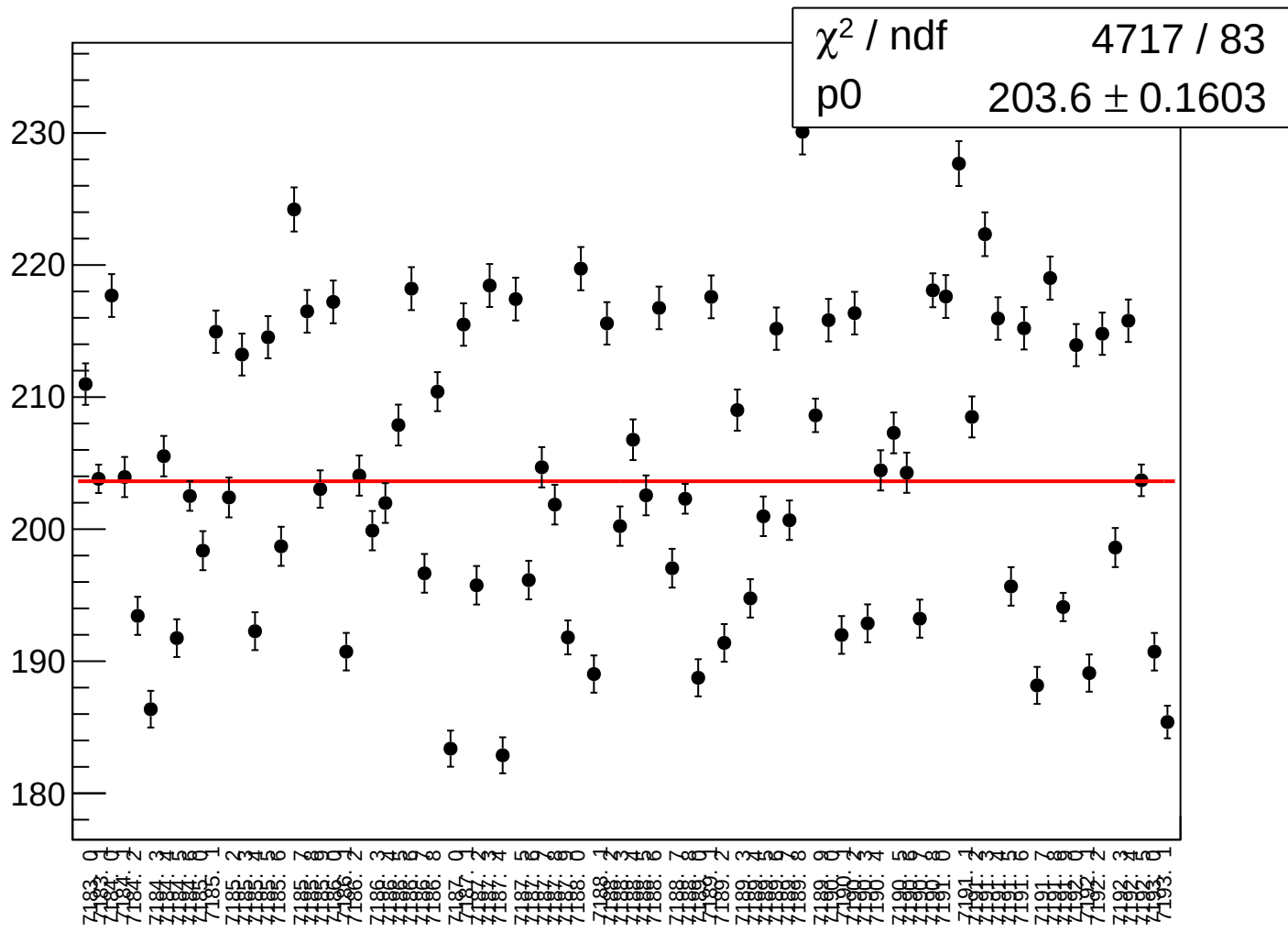
40.31 ± 0.0317



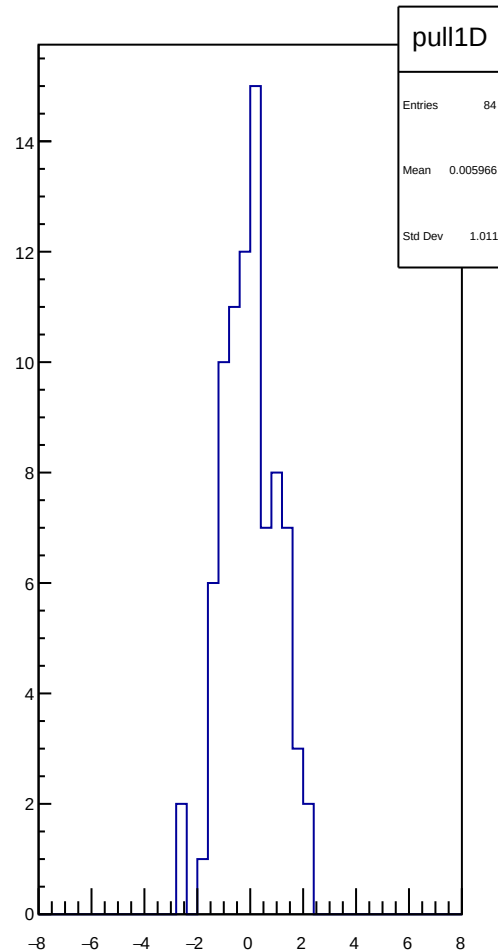
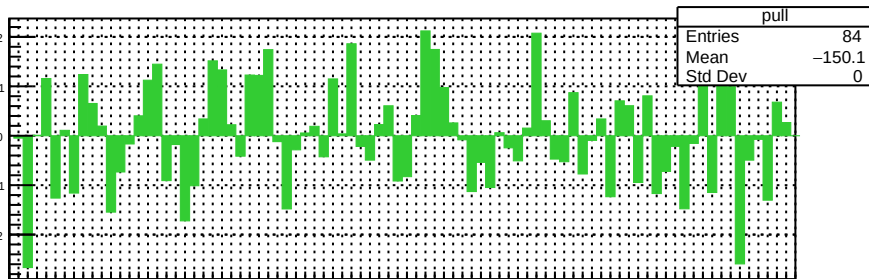
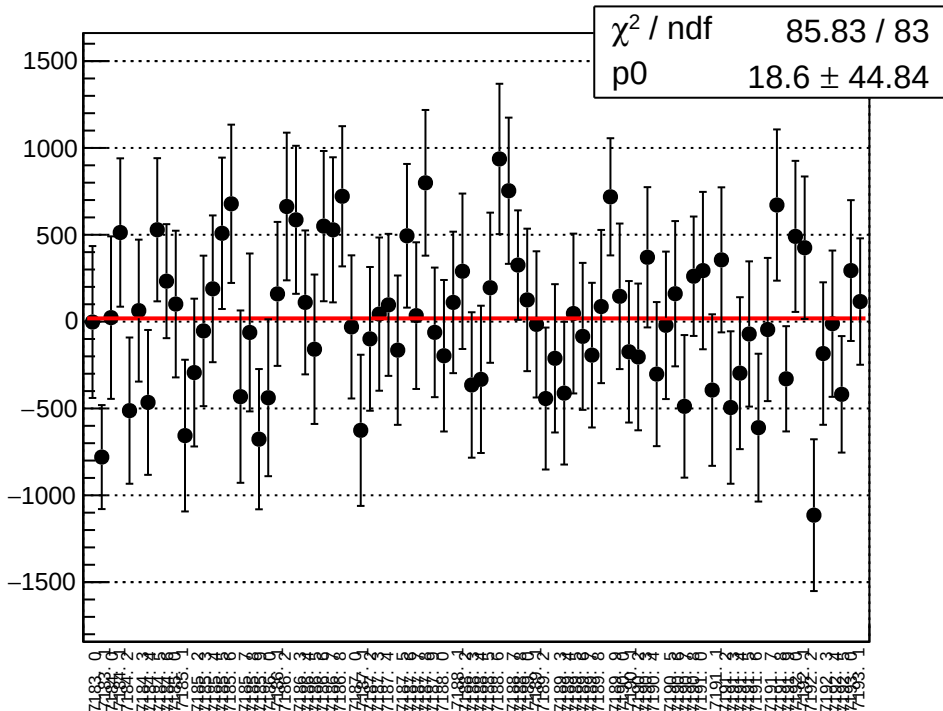
asym_sam_37_dd_cor_correction_mean vs run



asym_sam_37_dd_cor_correction_rms vs run



eigen_cor_asym_sam_37_dd_mean vs run



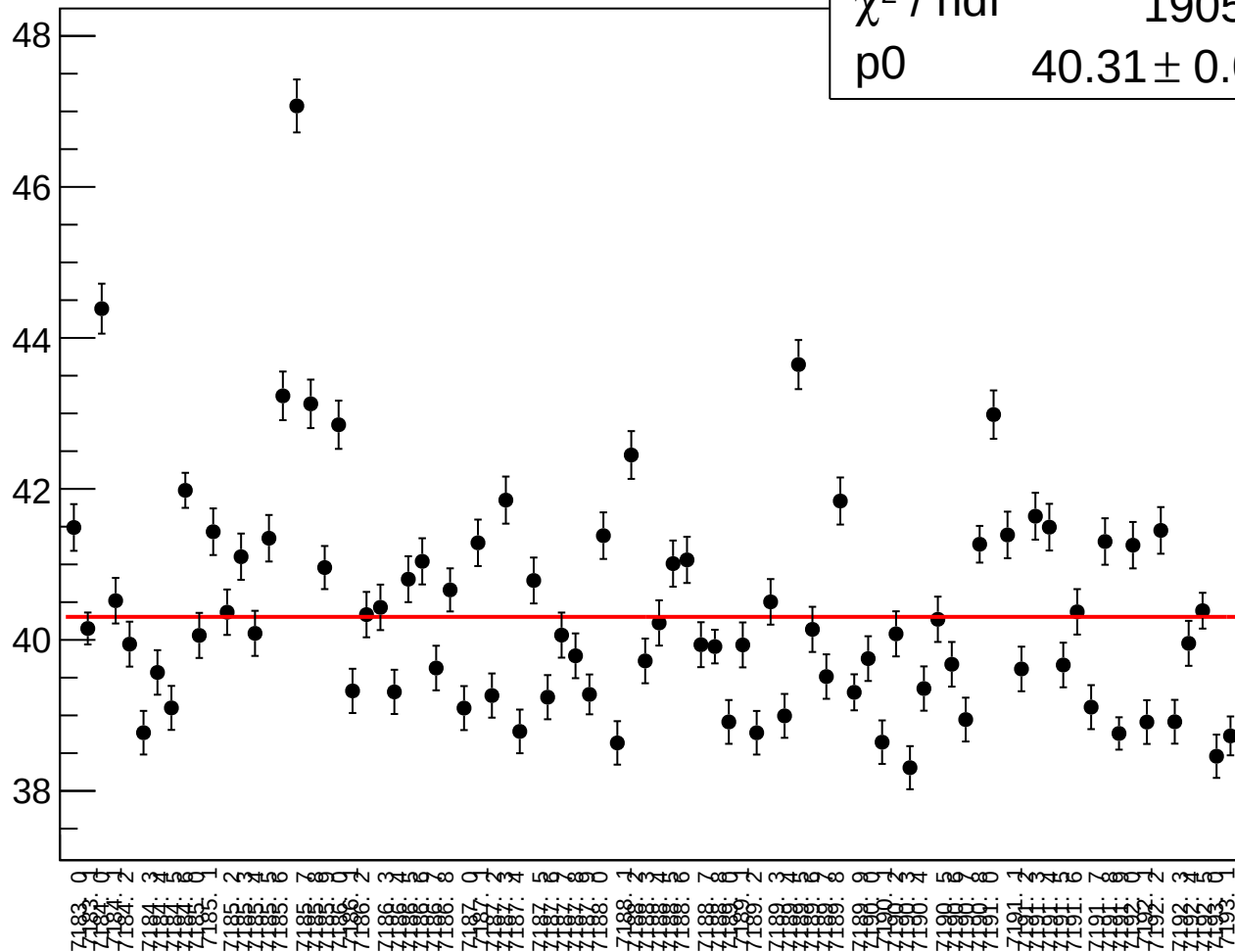
eigen_cor_asym_sam_37_dd_rms vs run

χ^2 / ndf

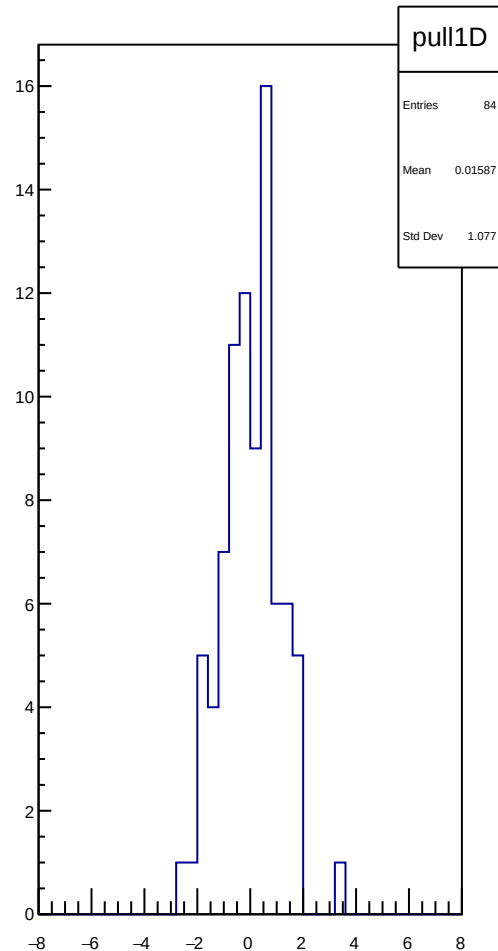
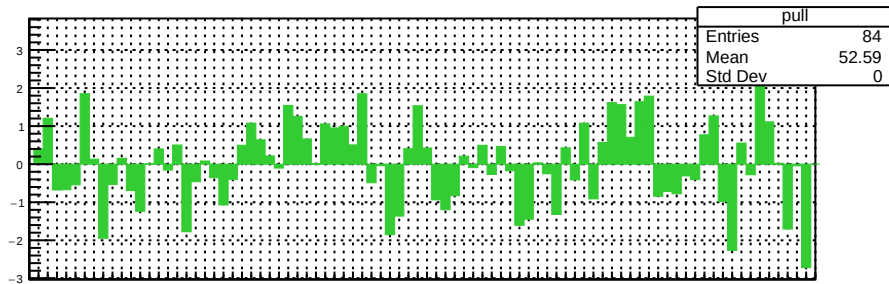
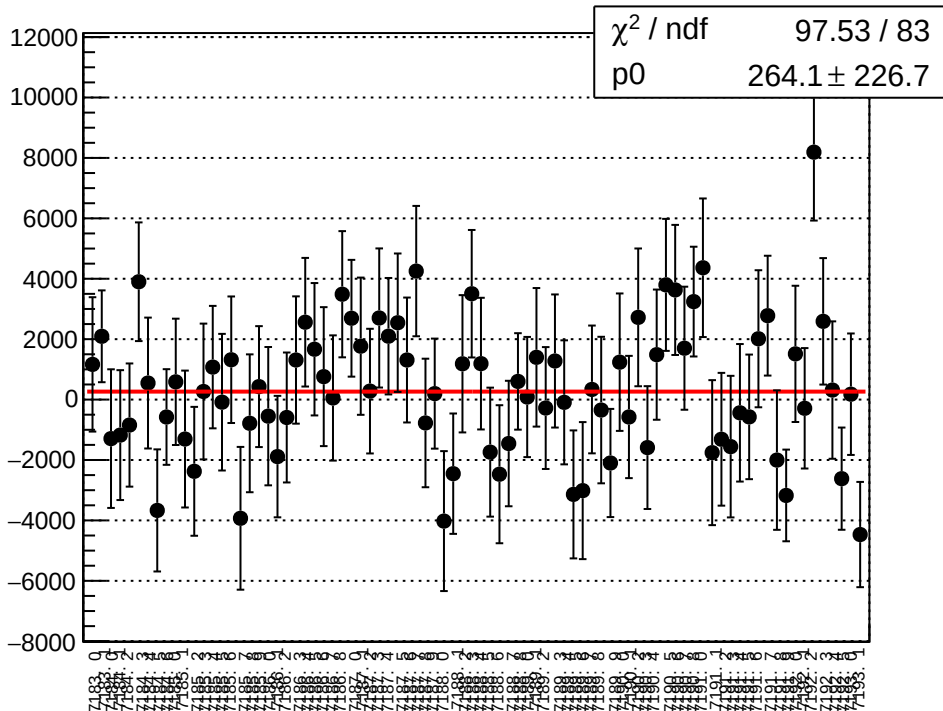
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p0

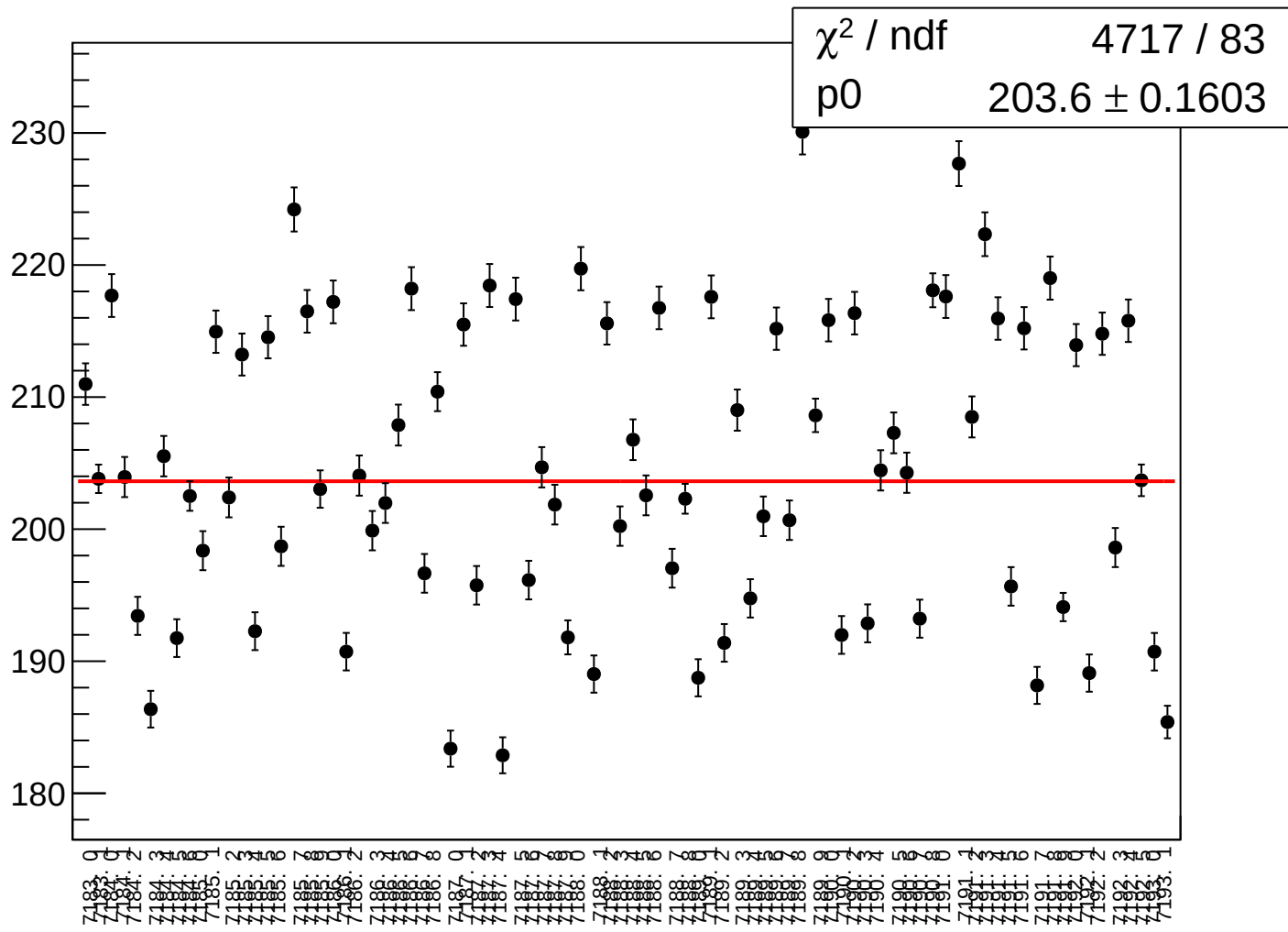
40.31 ± 0.0317



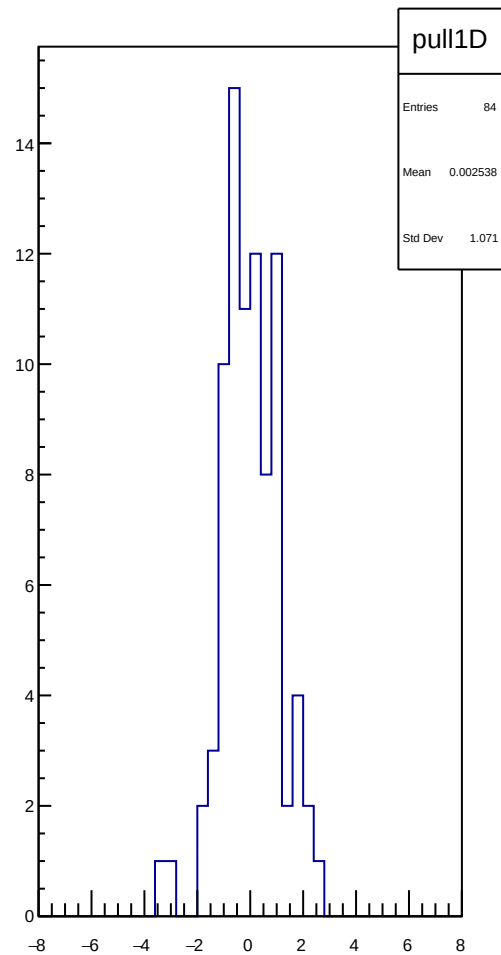
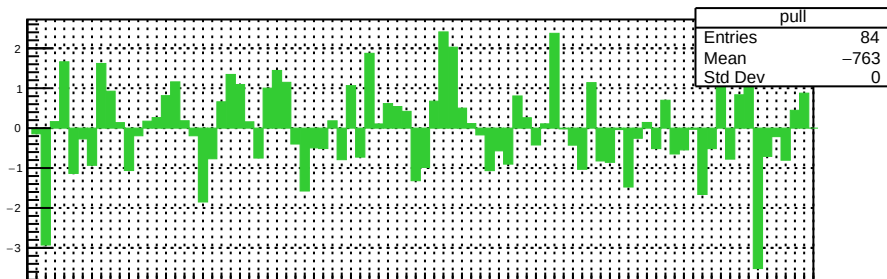
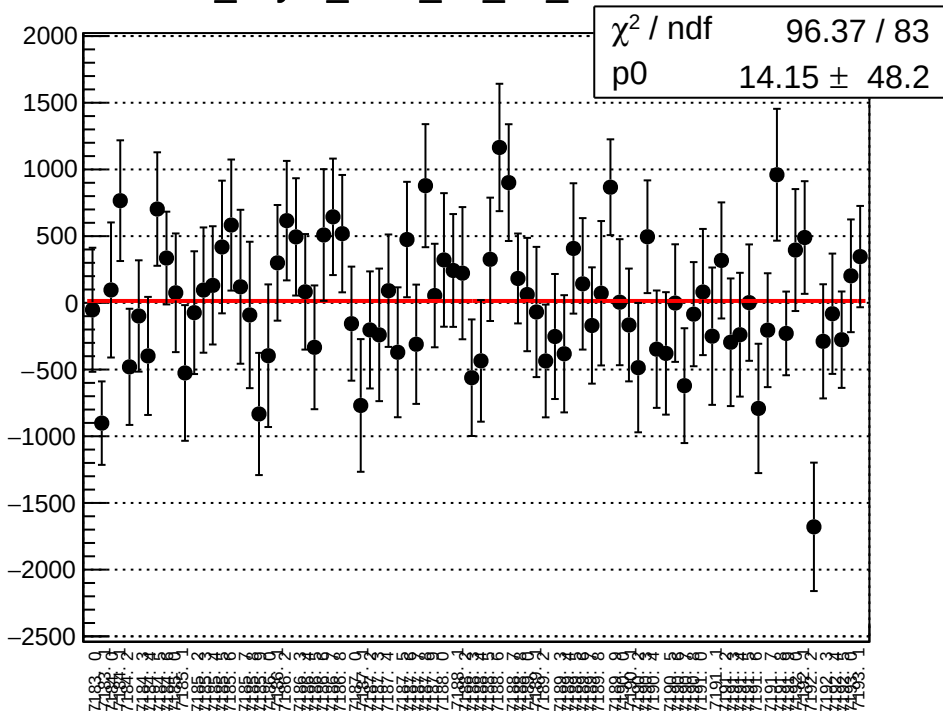
asym_sam_37_dd_eigen_cor_correction_mean vs run



asym_sam_37_dd_eigen_cor_correction_rms vs run



dit_asym_sam_37_dd_mean vs run



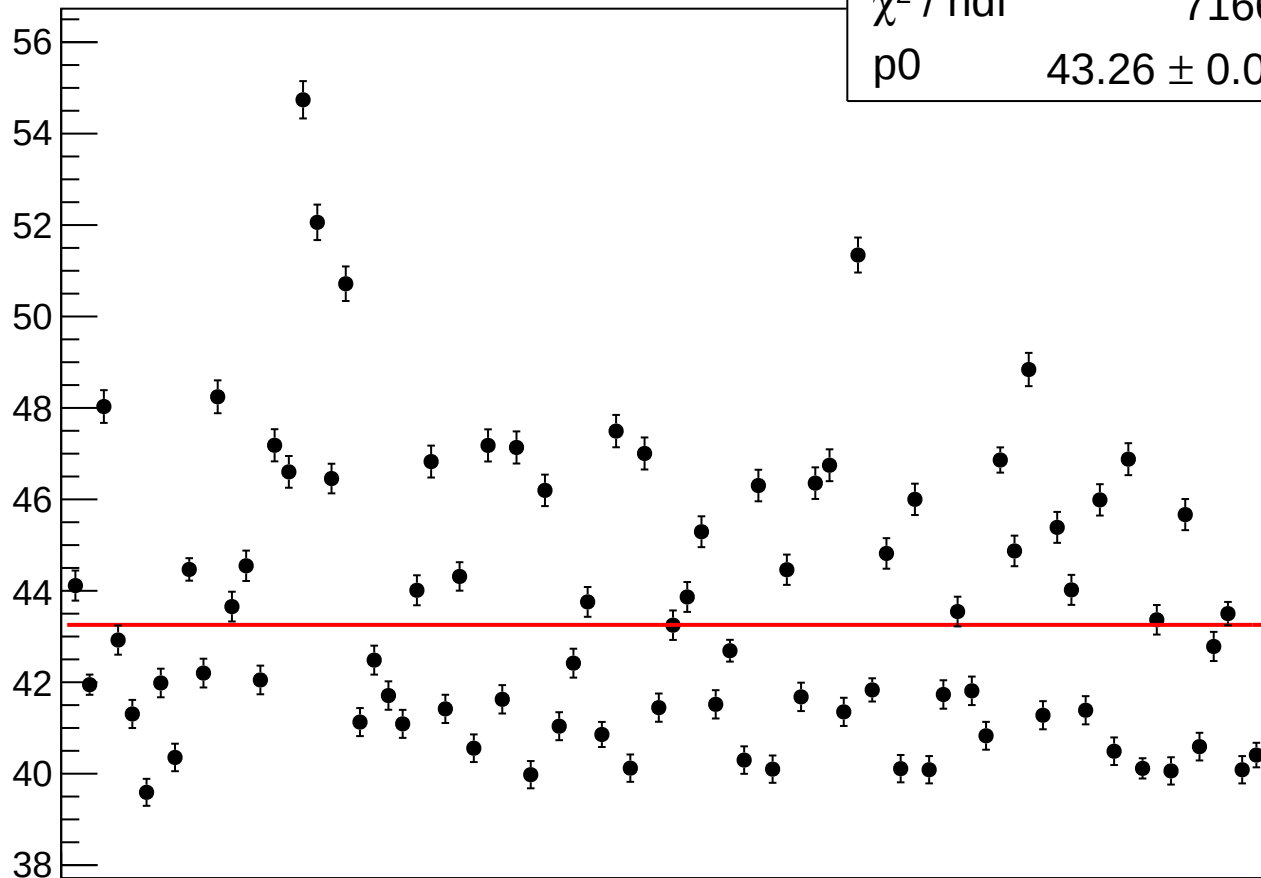
dit_asym_sam_37_dd_rms vs run

χ^2 / ndf

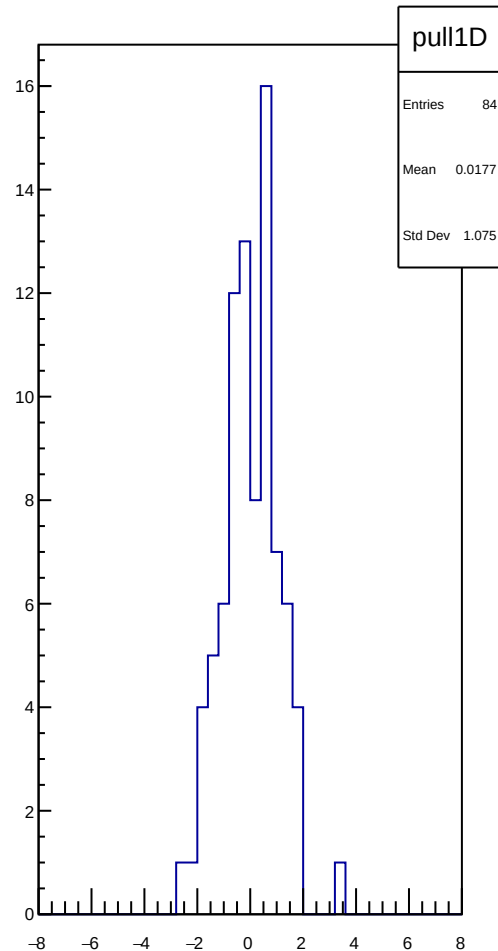
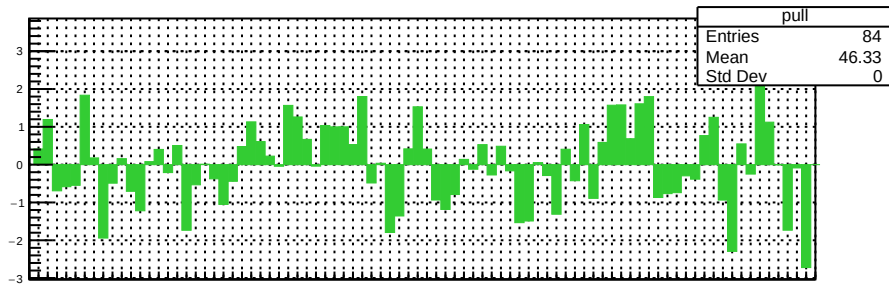
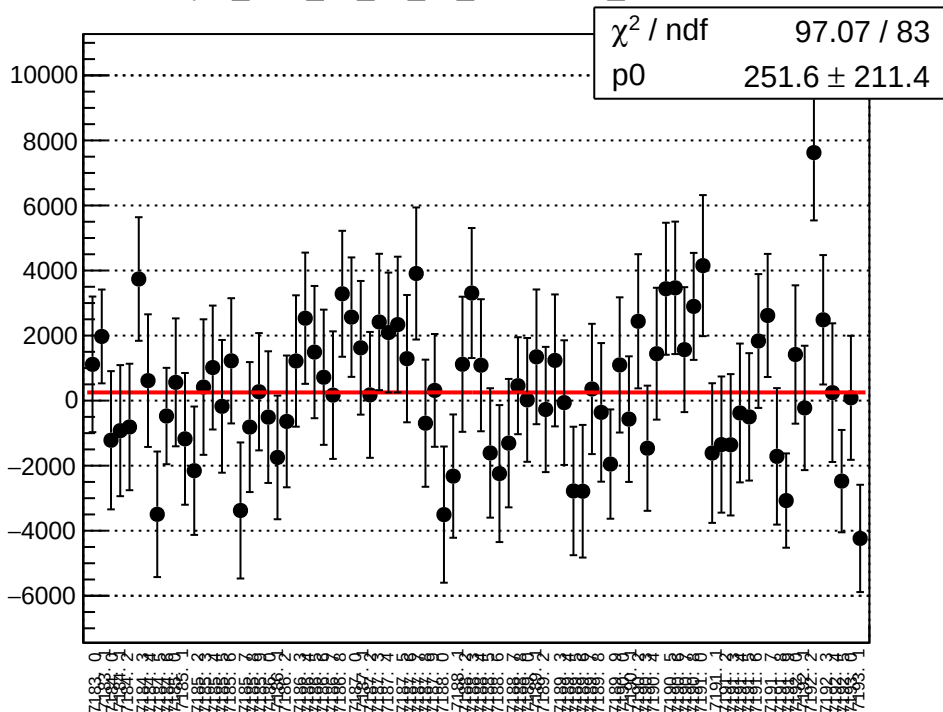
7166 / 83

p0

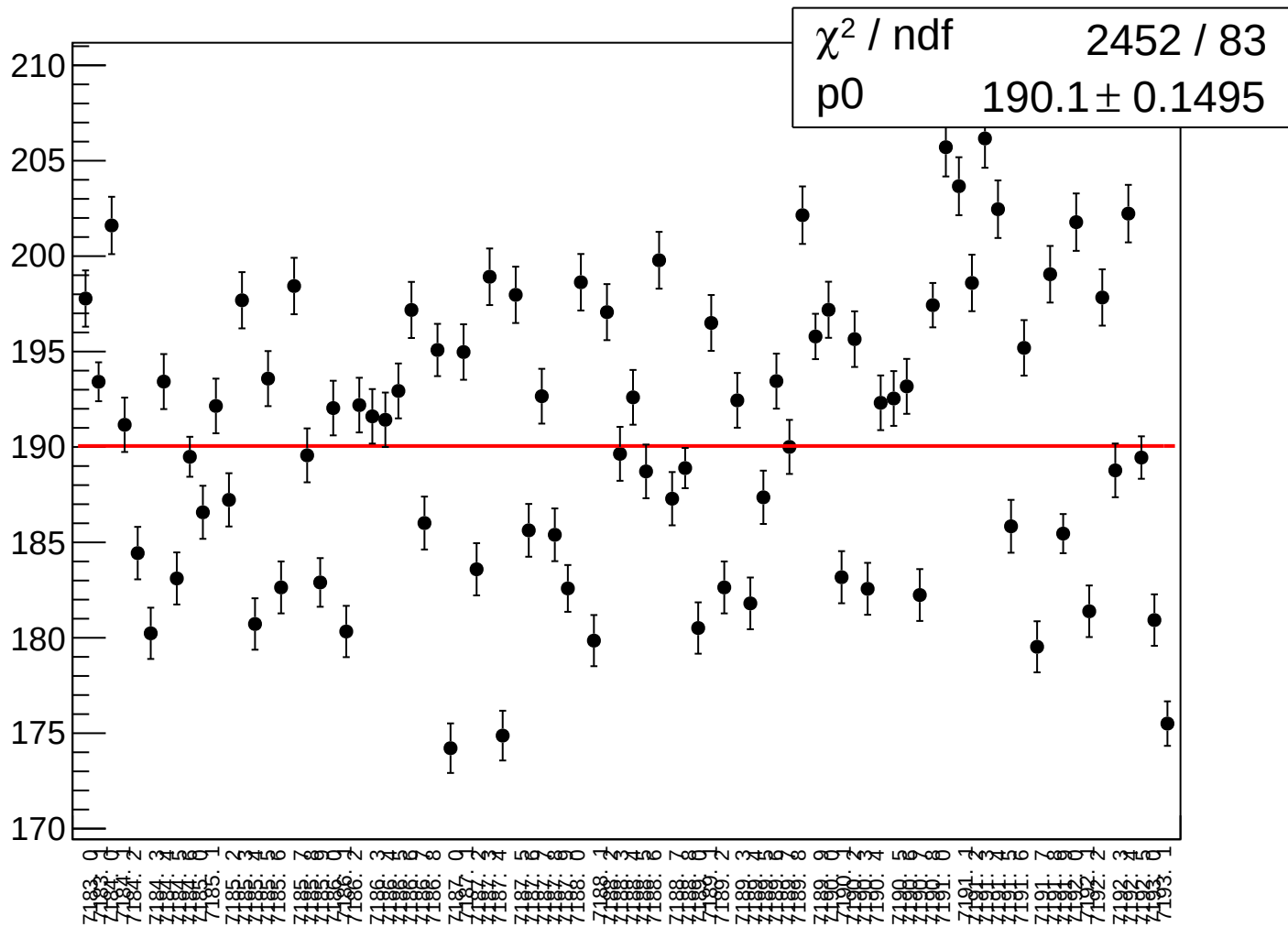
43.26 ± 0.03408



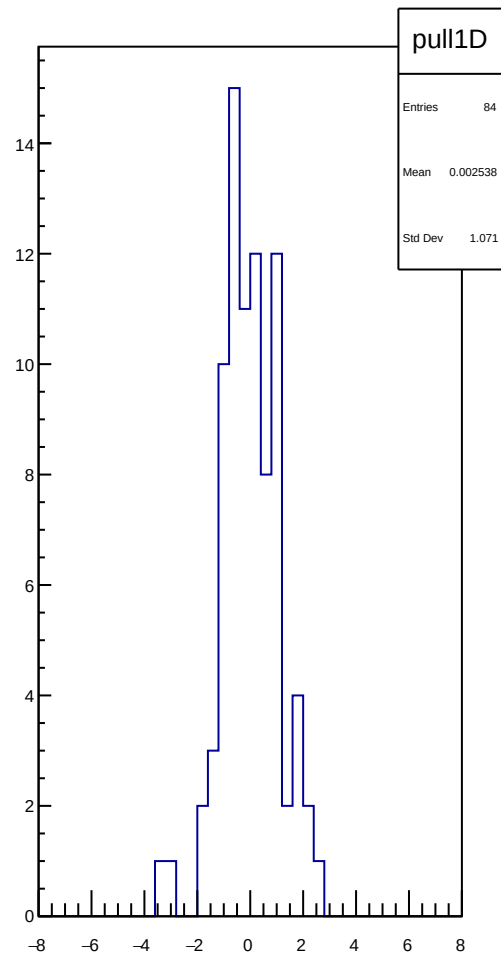
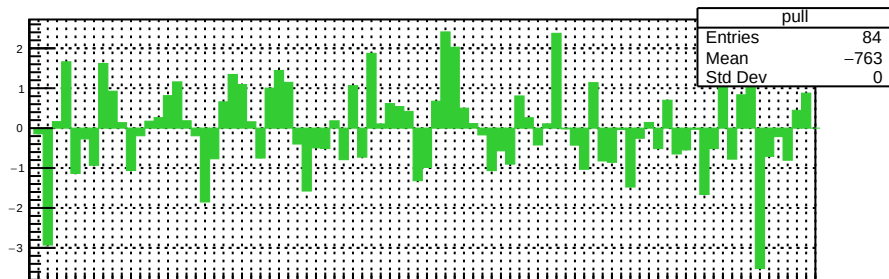
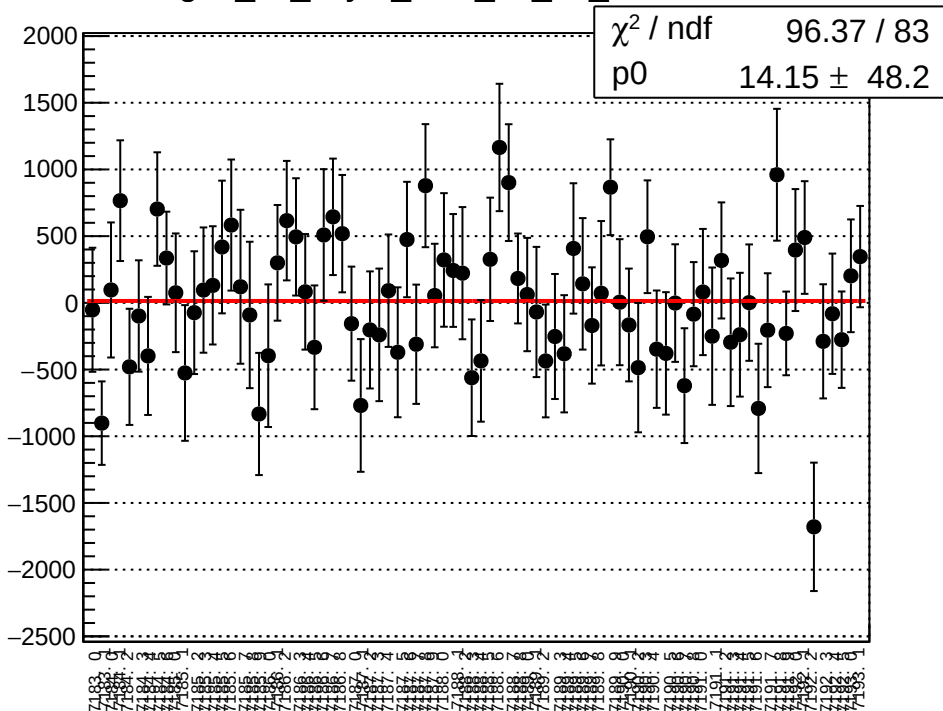
asym_sam_37_dd_dit_correction_mean vs run



asym_sam_37_dd_dit_correction_rms vs run



eigen_dit_asym_sam_37_dd_mean vs run



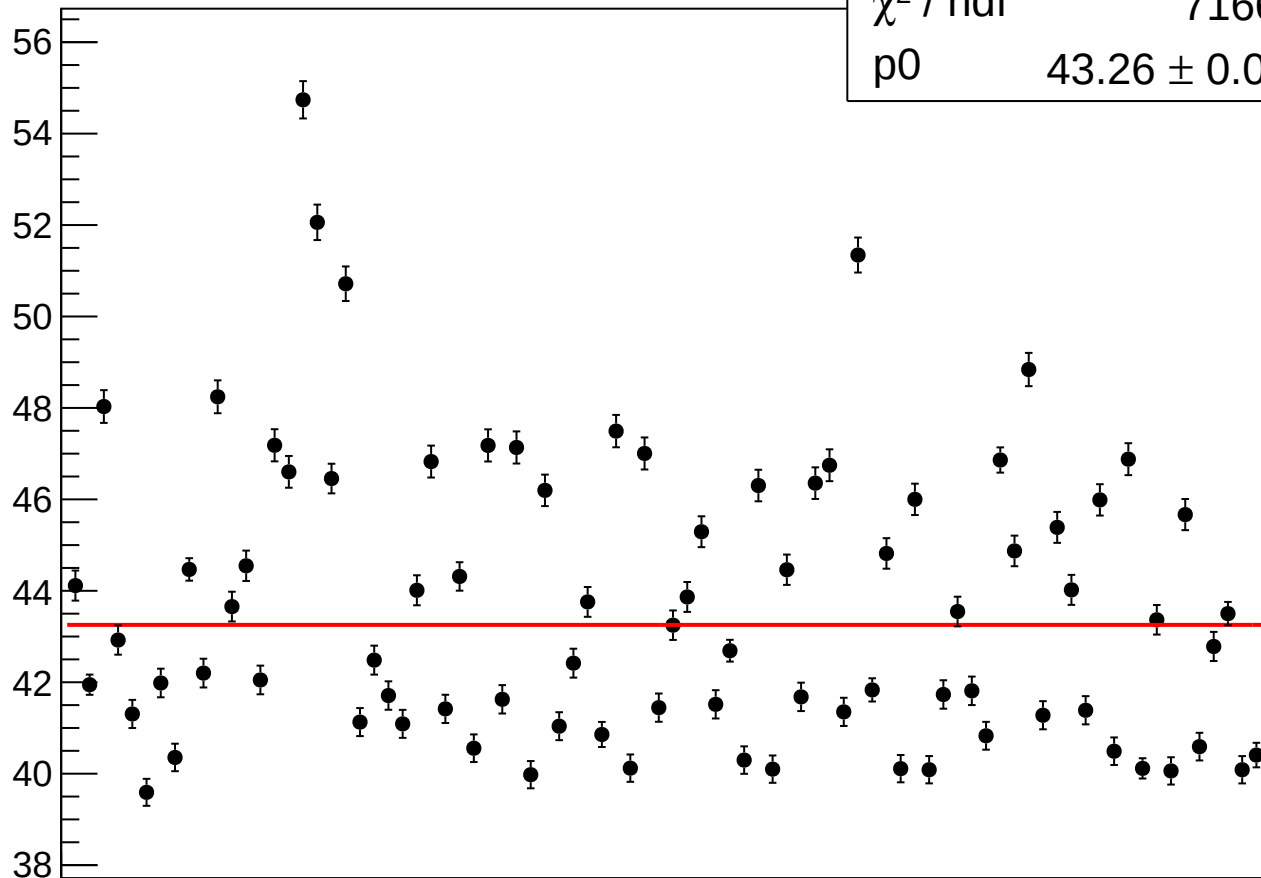
eigen_dit_asym_sam_37_dd_rms vs run

χ^2 / ndf

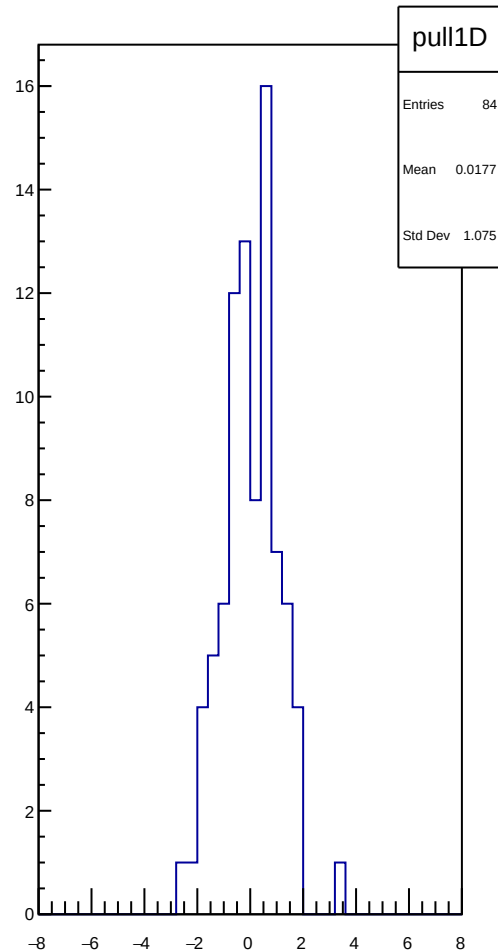
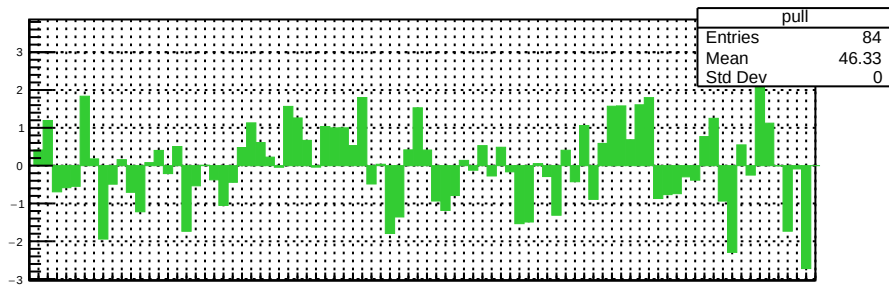
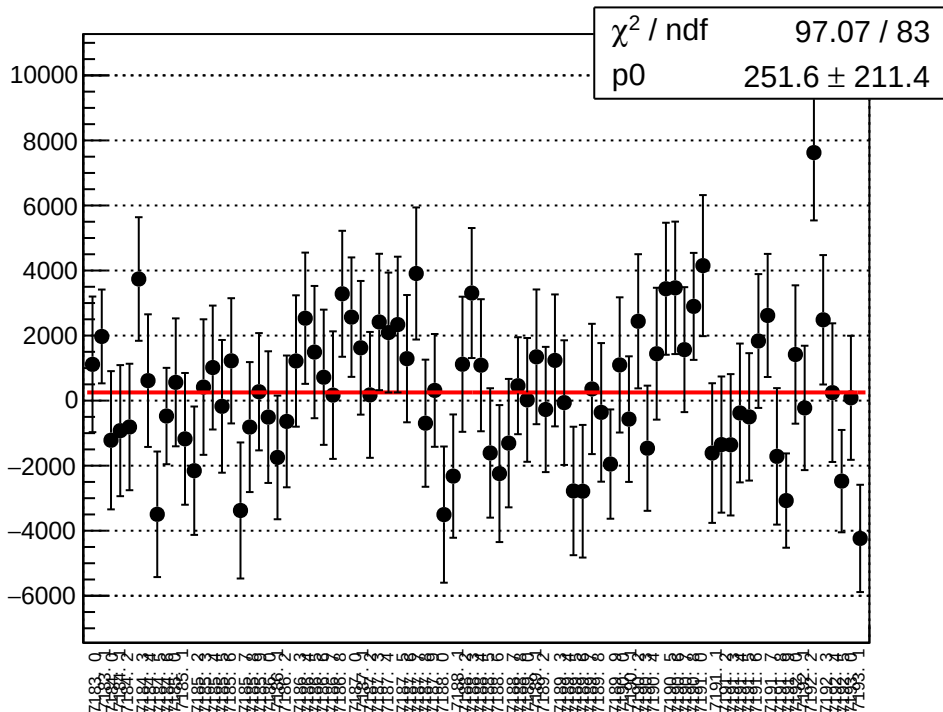
7166 / 83

p0

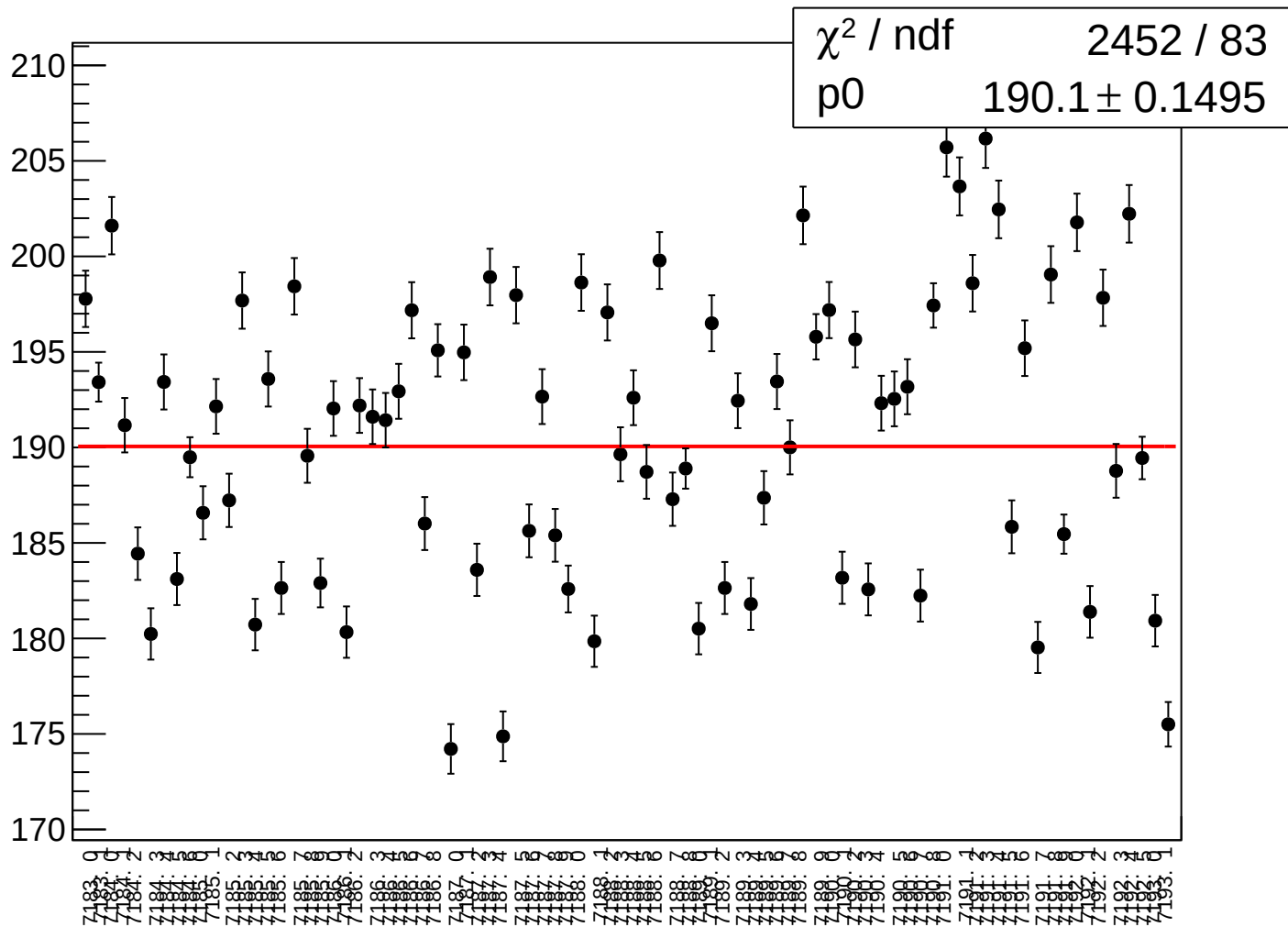
43.26 ± 0.03408



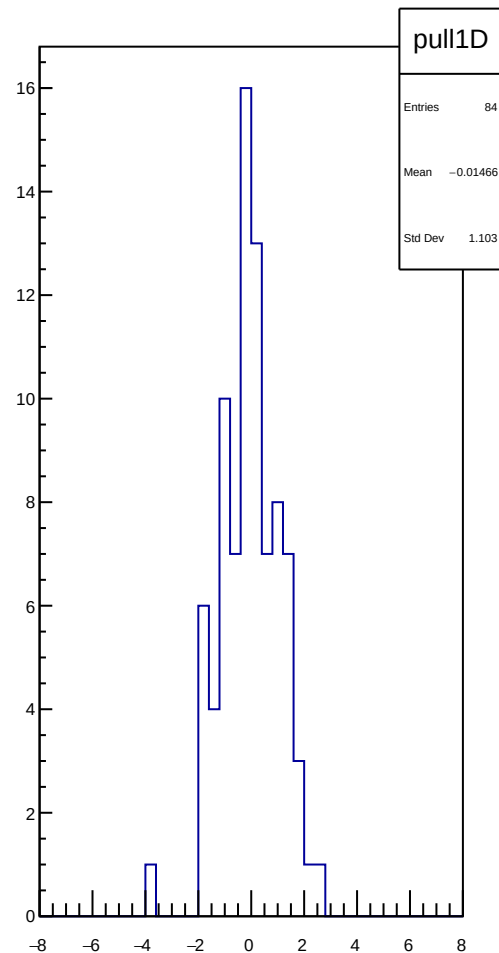
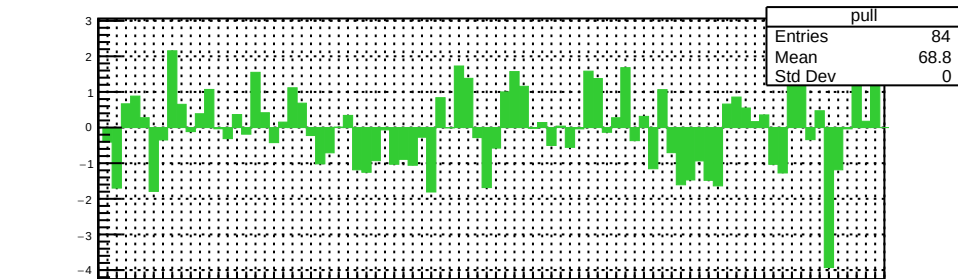
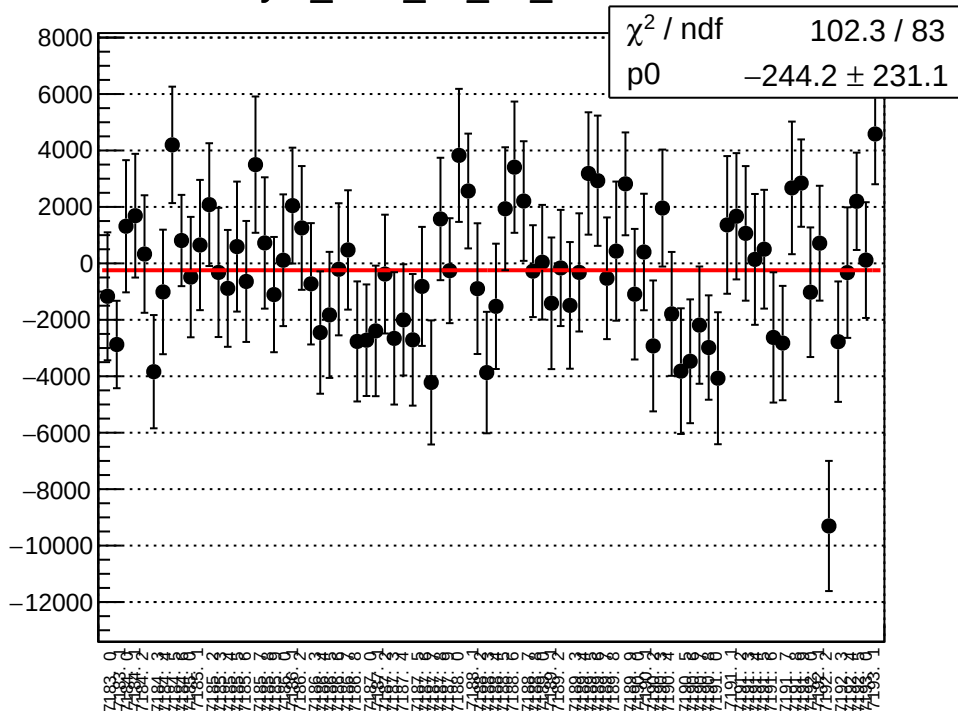
asym_sam_37_dd_eigen_dit_correction_mean vs run



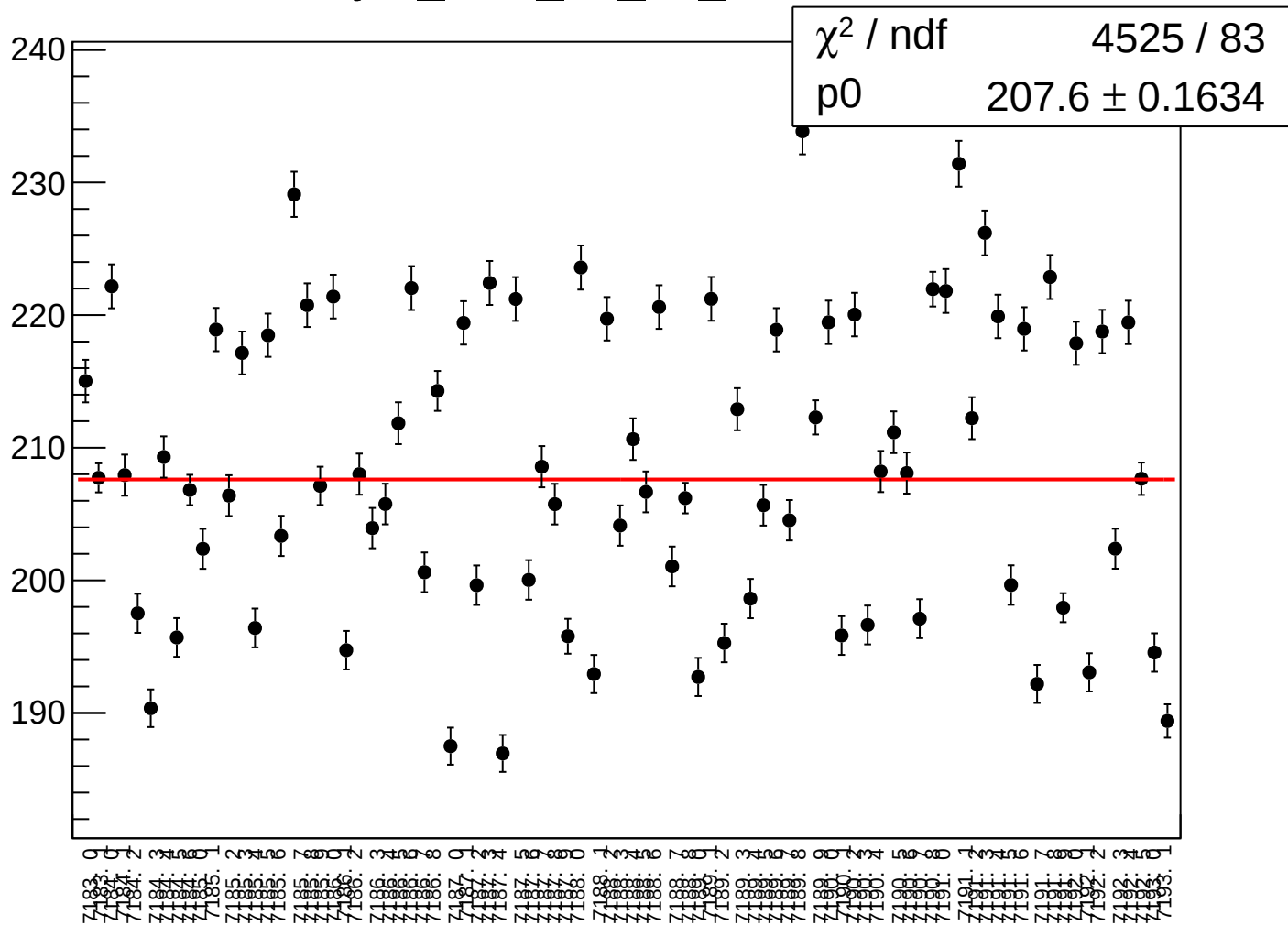
asym_sam_37_dd_eigen_dit_correction_rms vs run



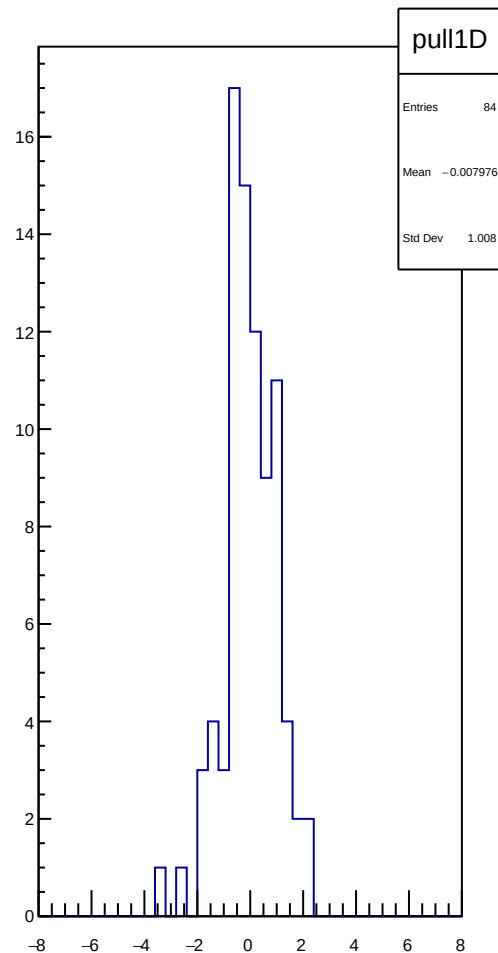
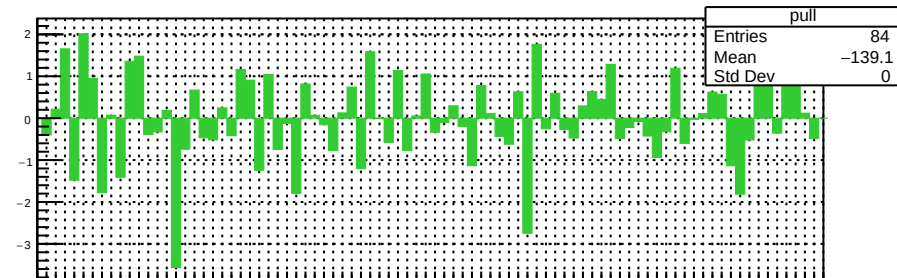
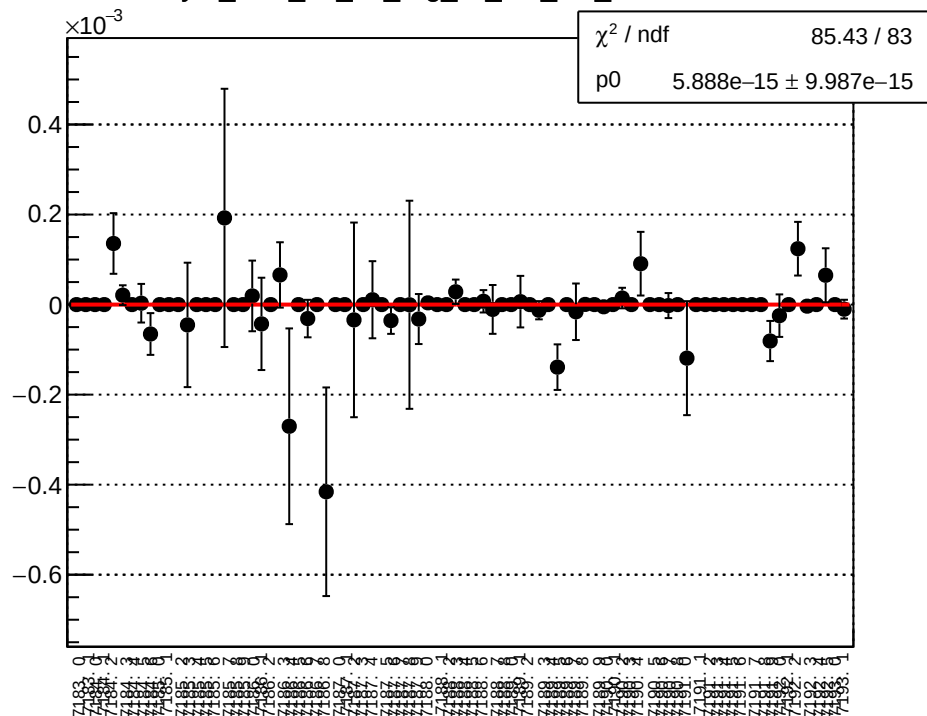
asym_sam_37_dd_mean vs run



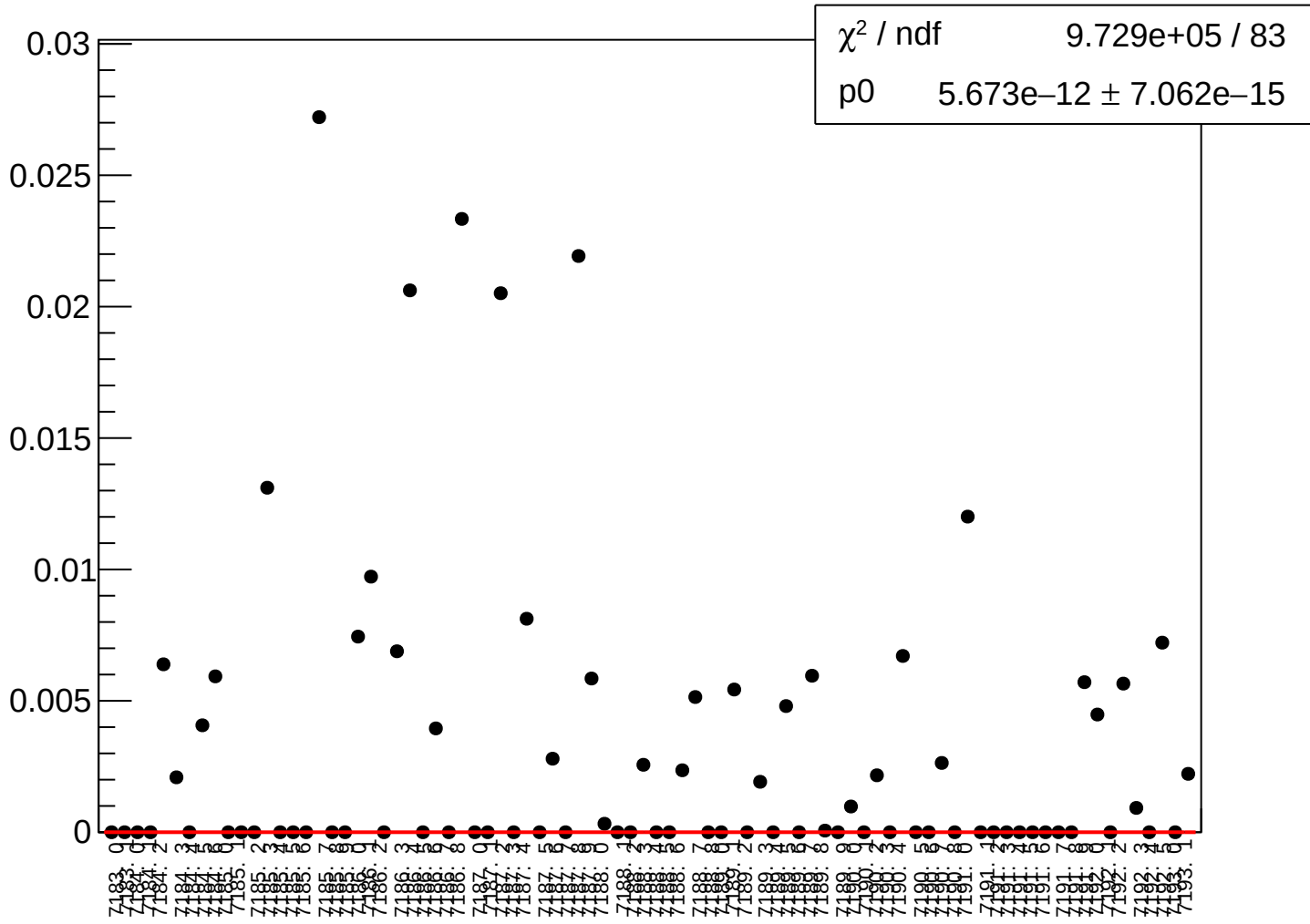
asym_sam_37_dd_rms vs run



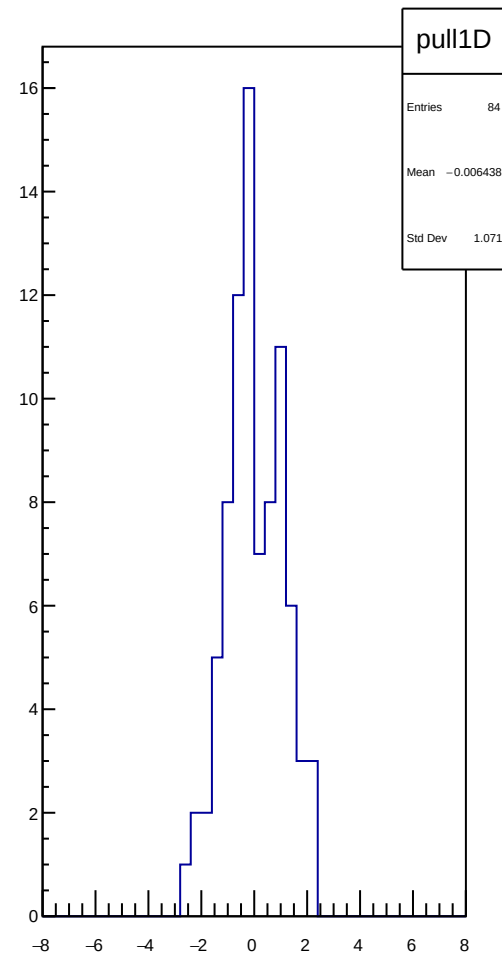
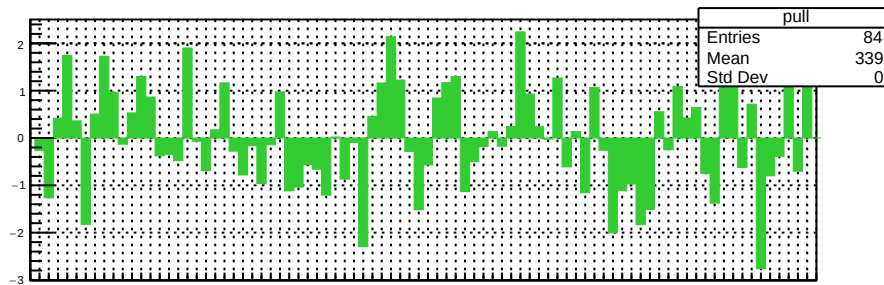
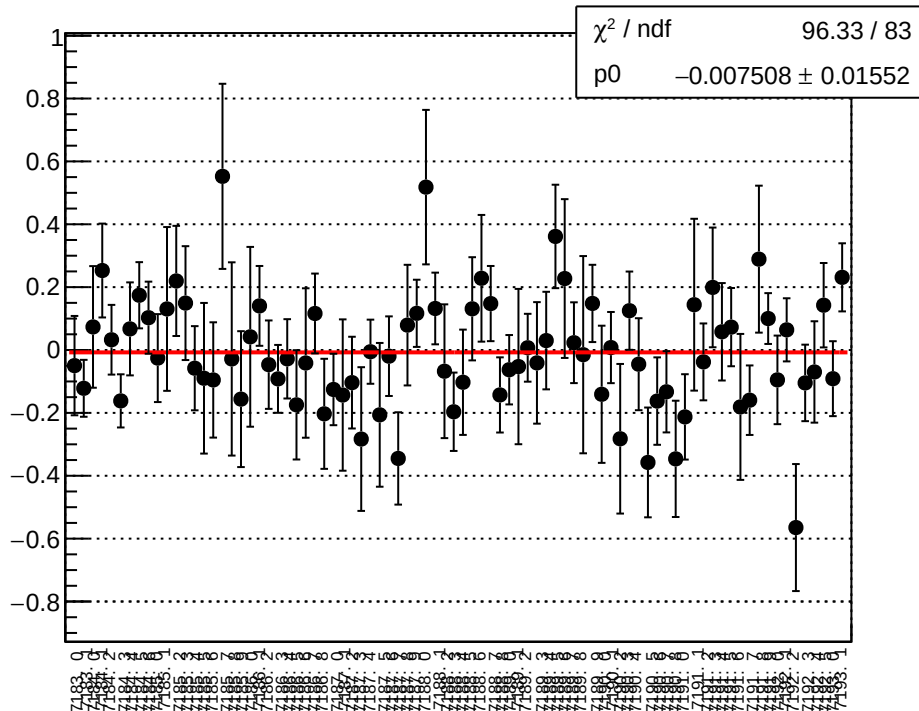
asym_sam_37_dd_reg_vs_cor_diff_mean vs run



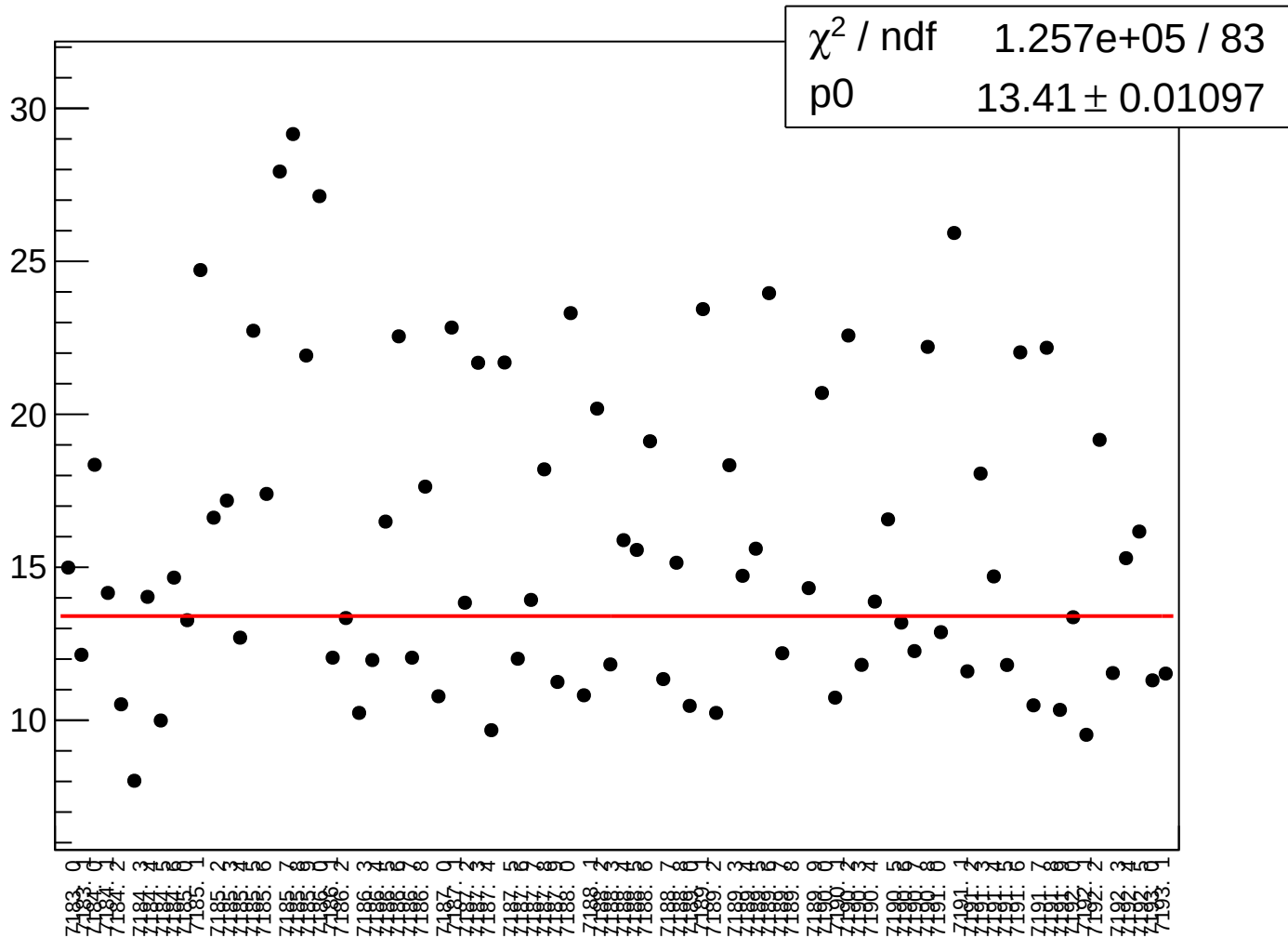
asym_sam_37_dd_reg_vs_cor_diff_rms vs run



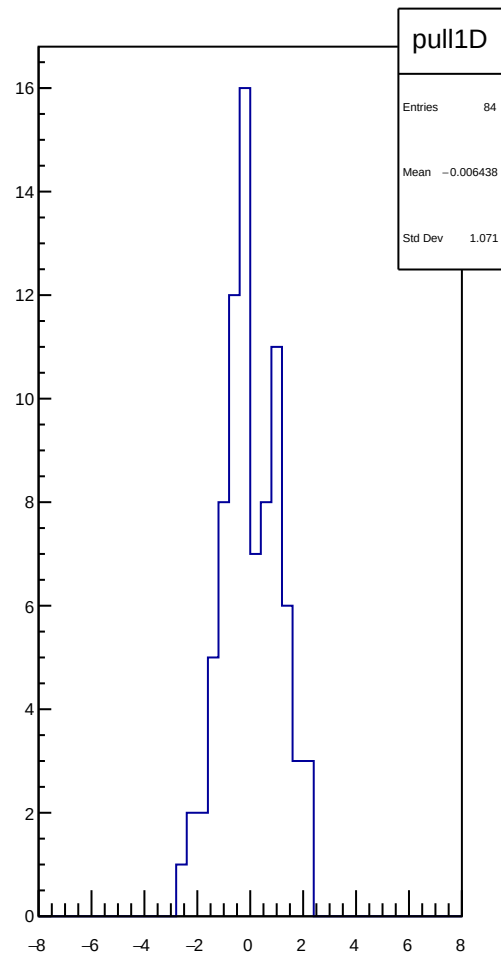
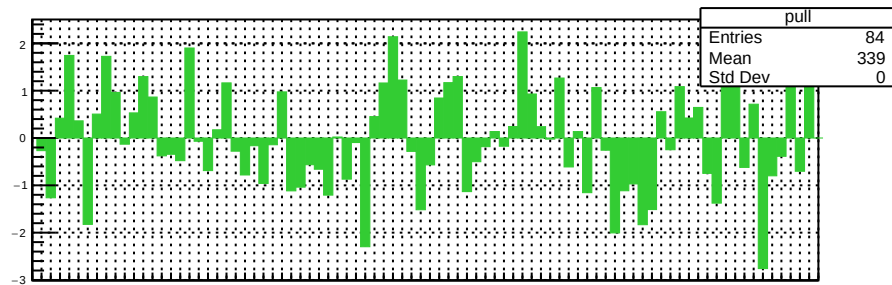
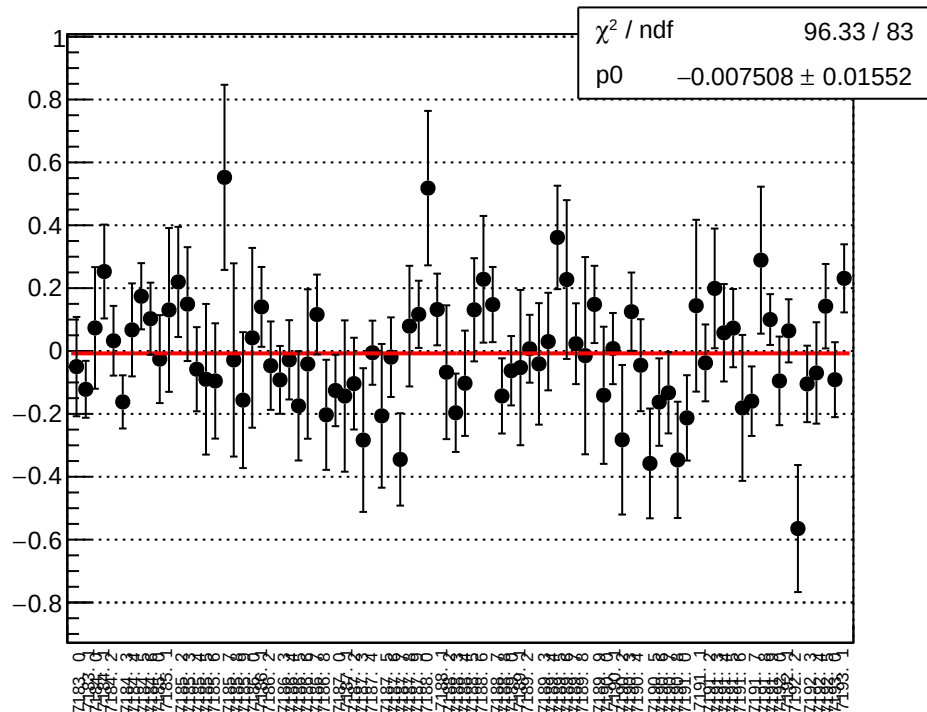
asym_sam_37_dd_dit_vs_cor_diff_mean vs run



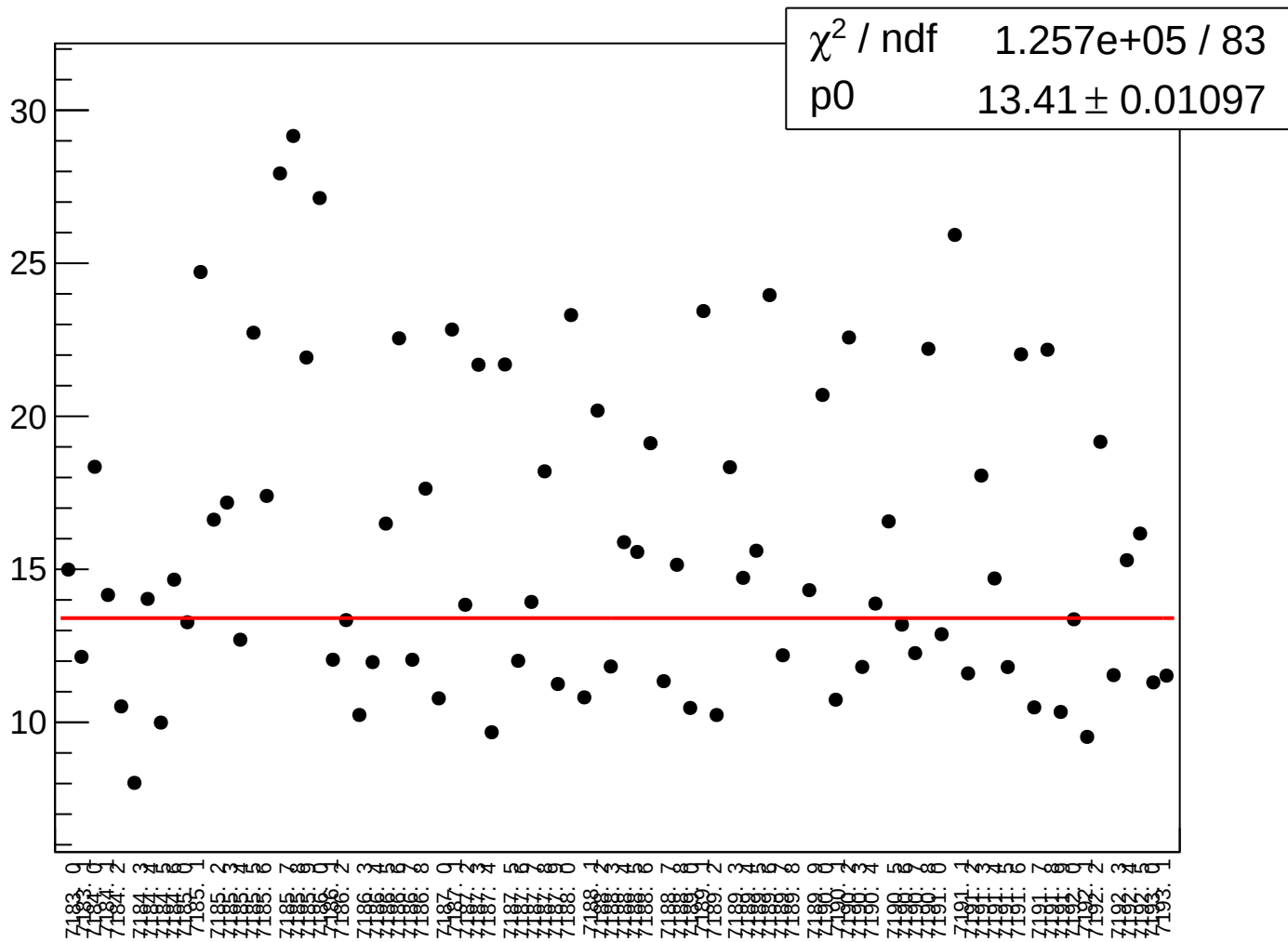
asym_sam_37_dd_dit_vs_cor_diff_rms vs run



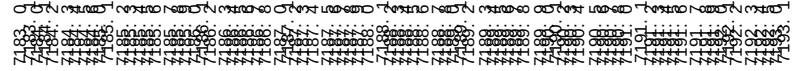
asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs run



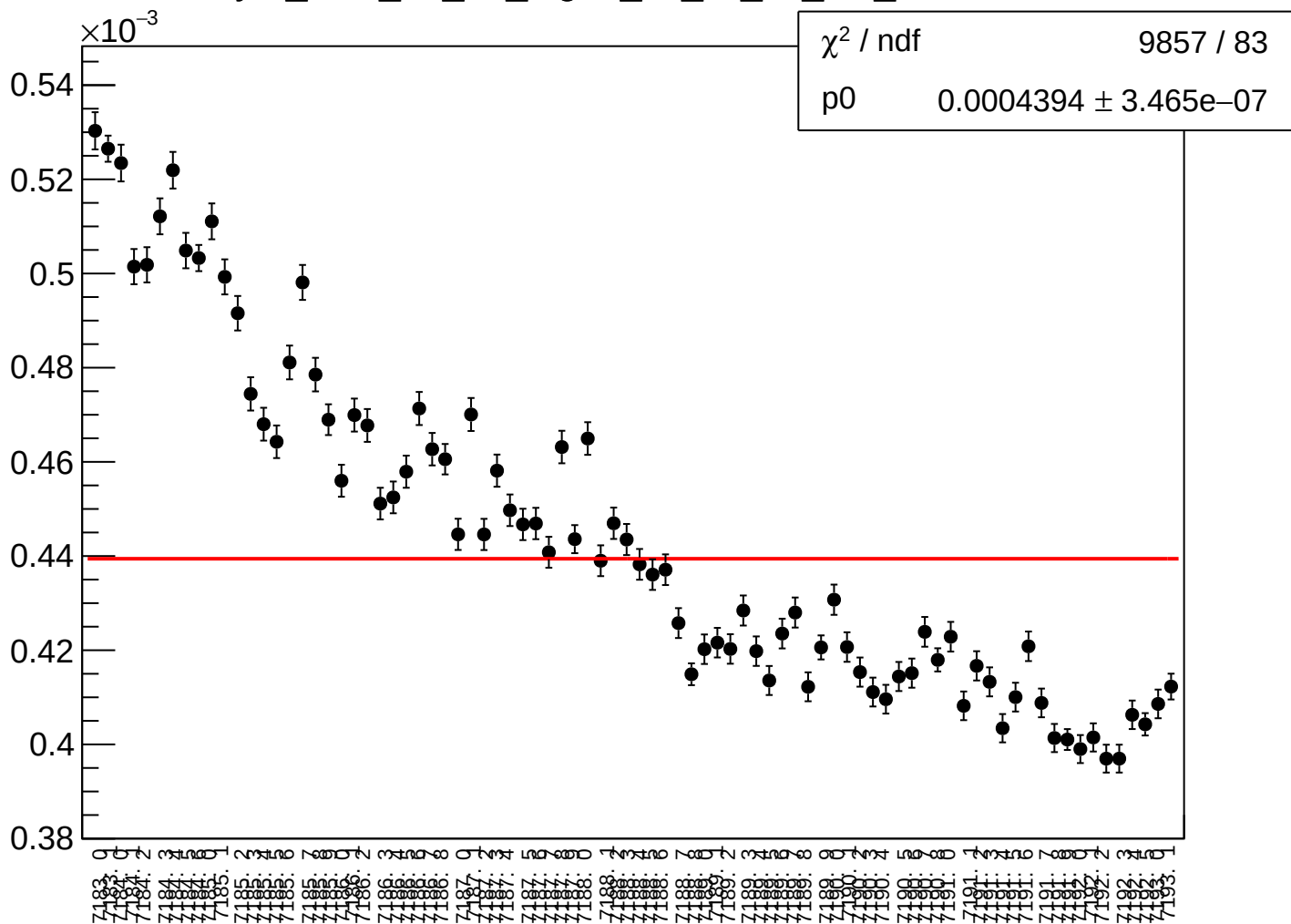
asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs run



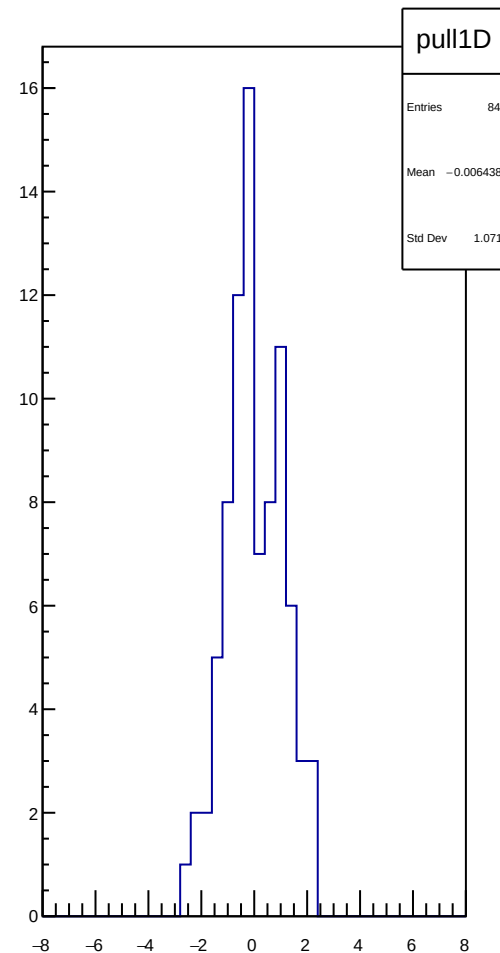
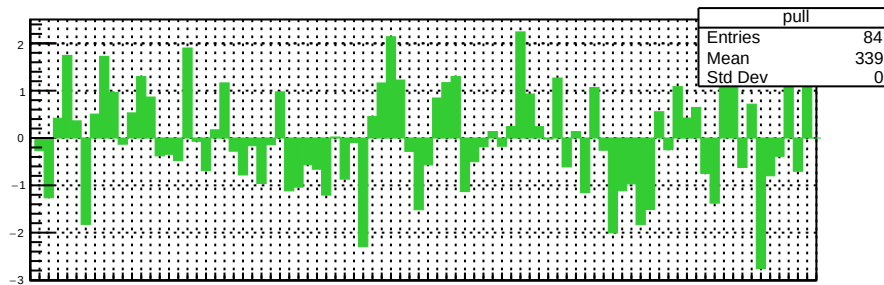
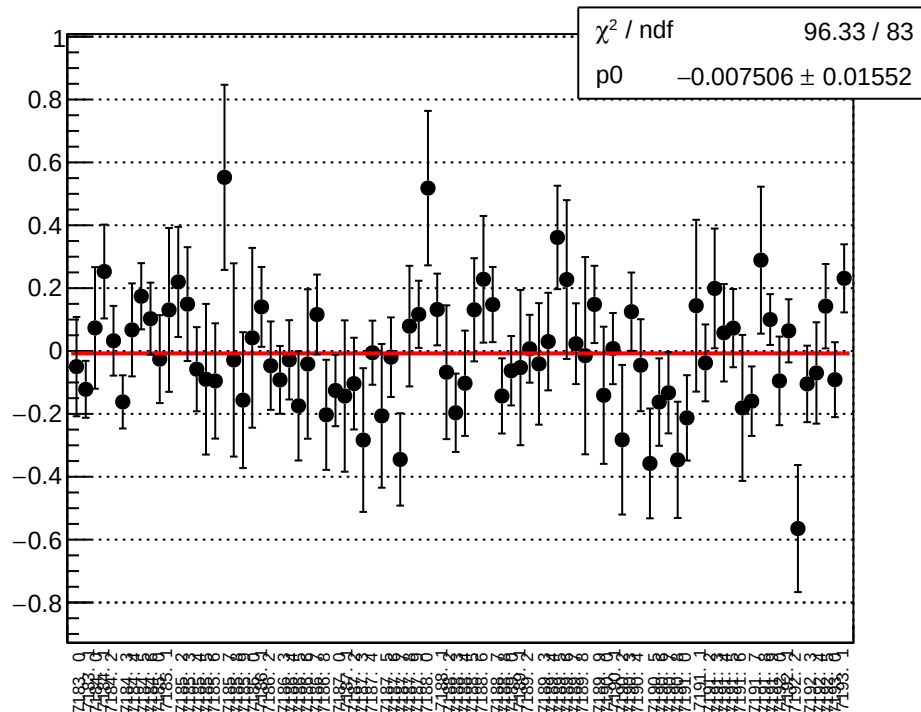
χ^2 / ndf 94.0
 p_0 $1.184\text{e-}06 \pm 4.9$



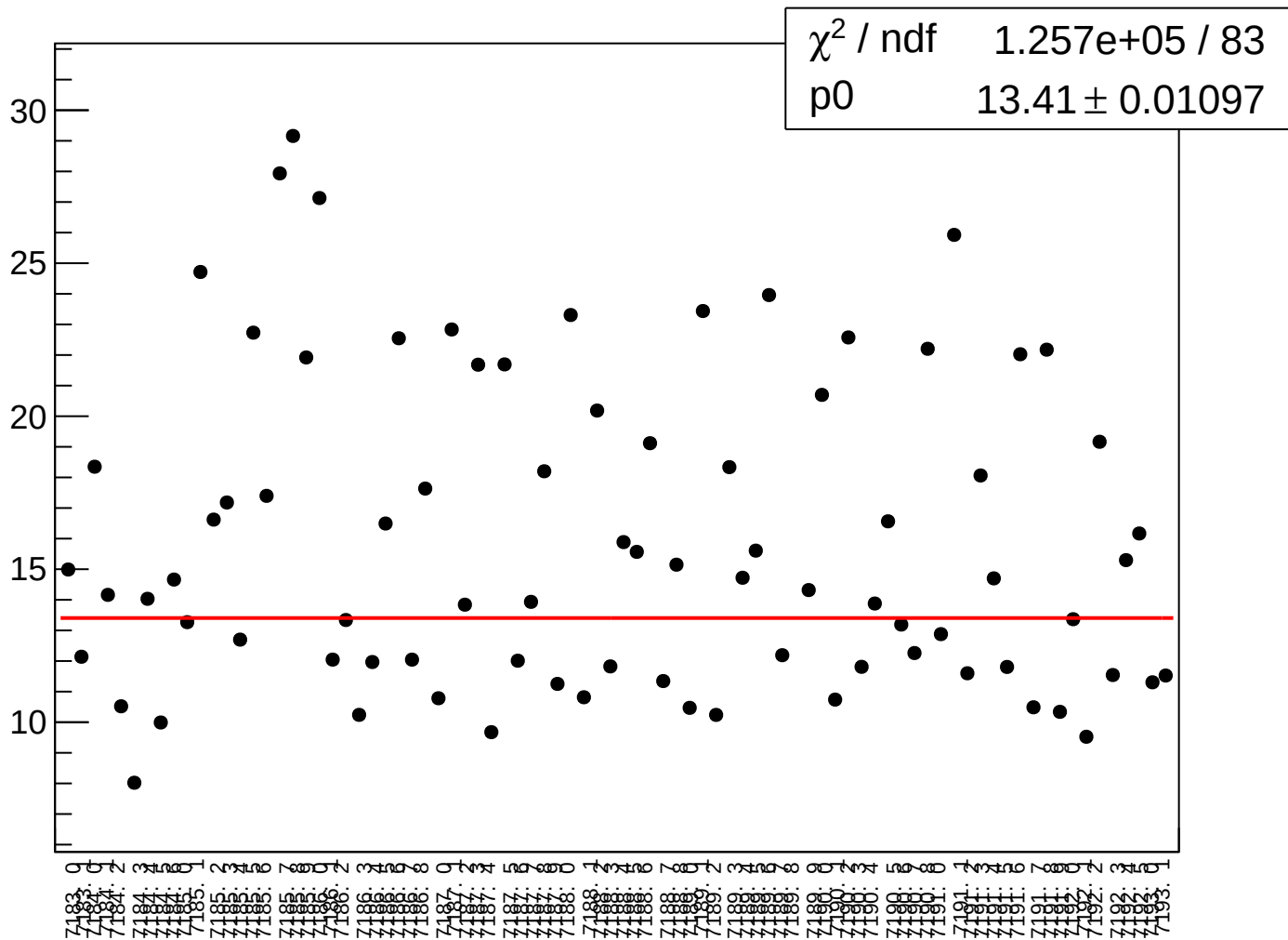
asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs run



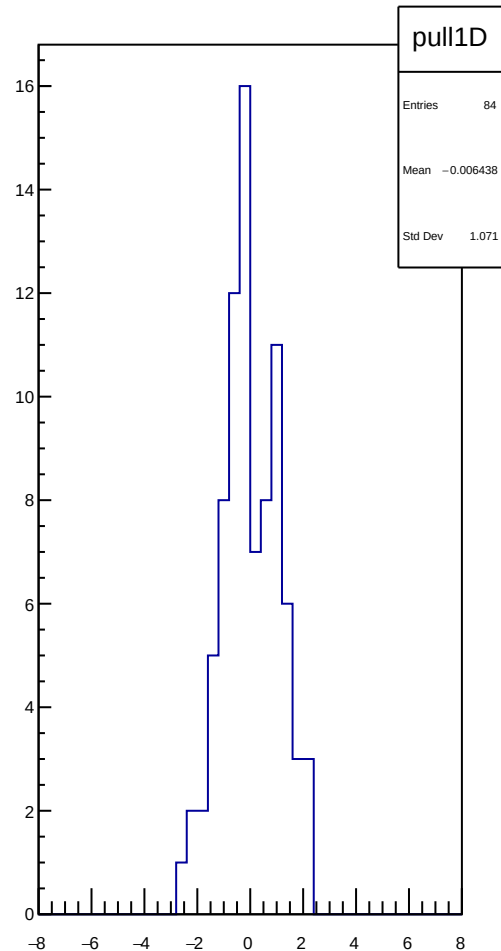
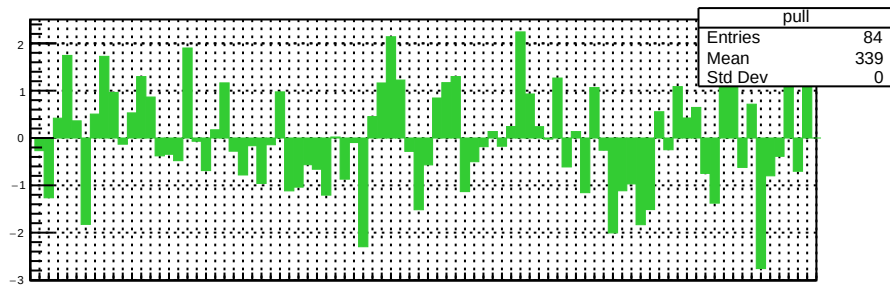
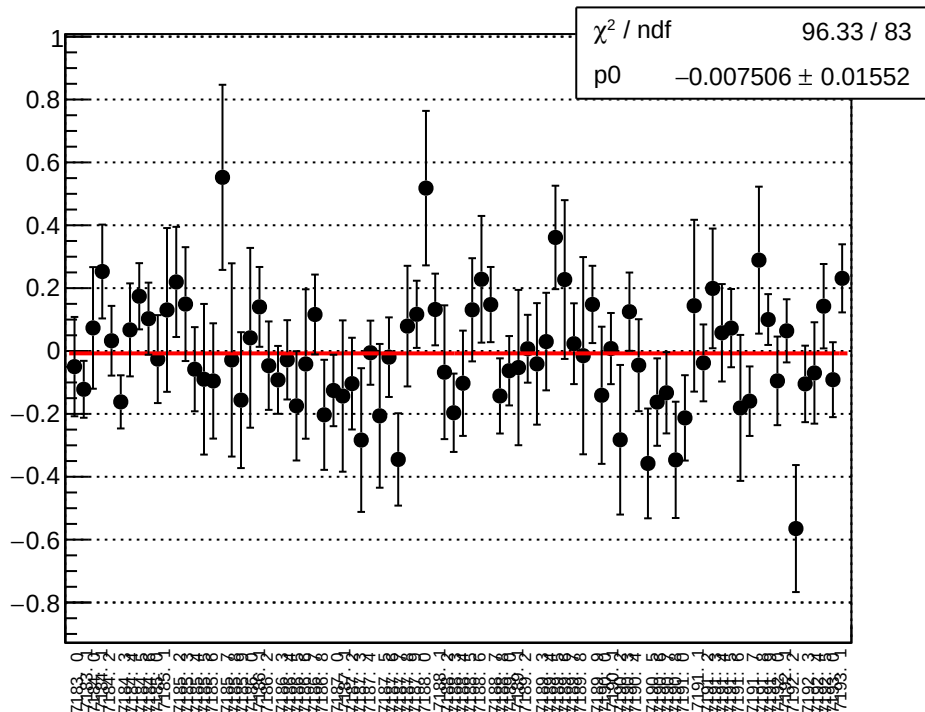
asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs run



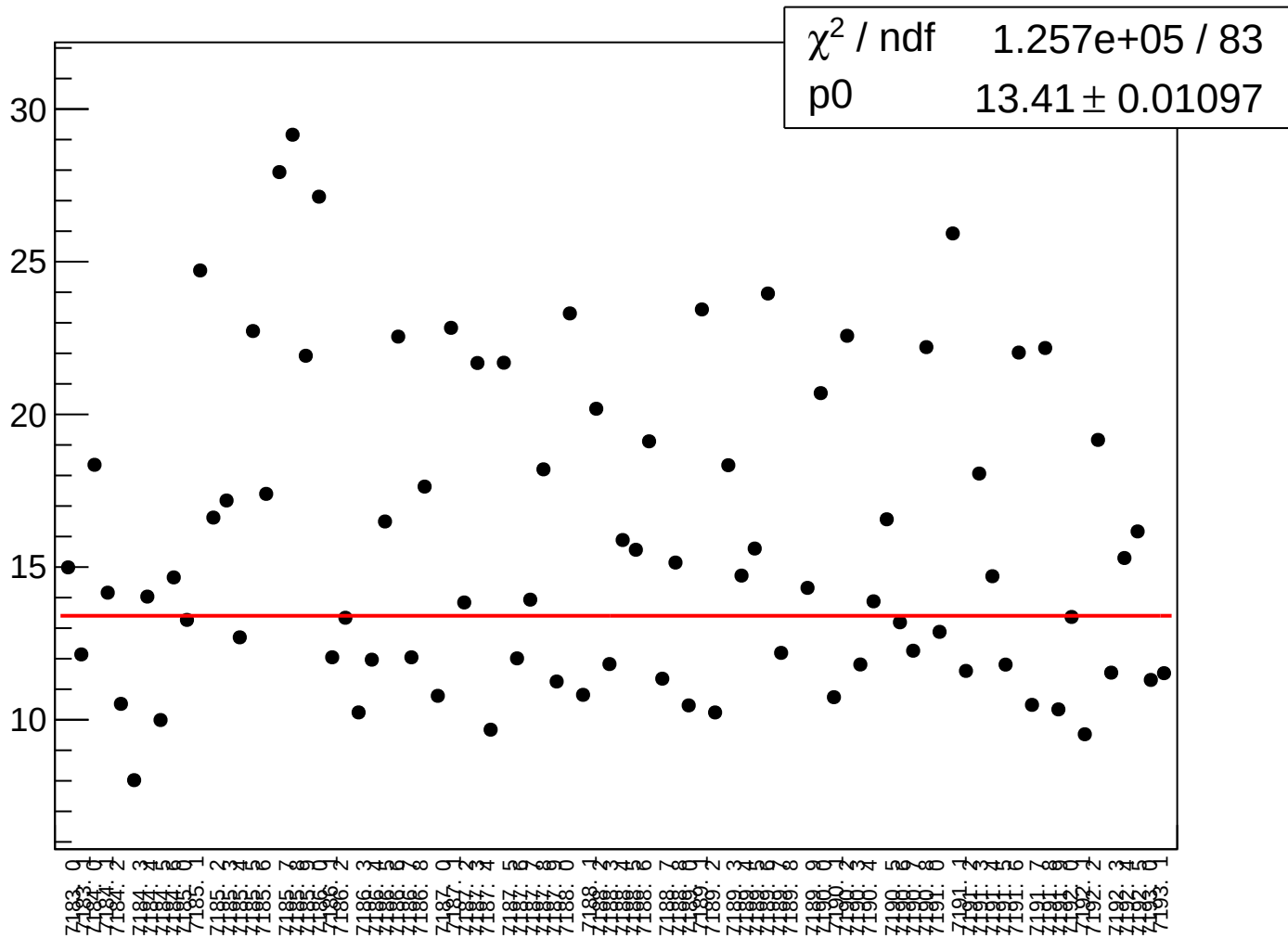
asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs run



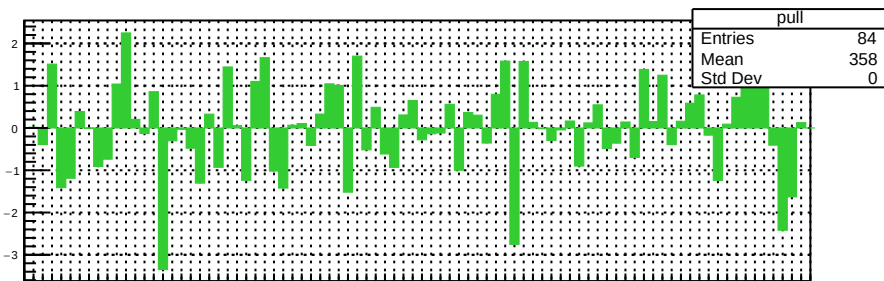
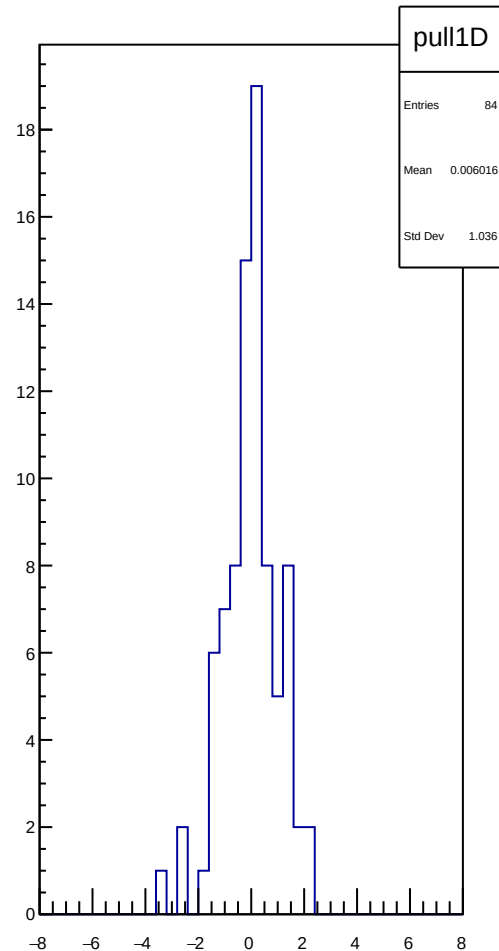
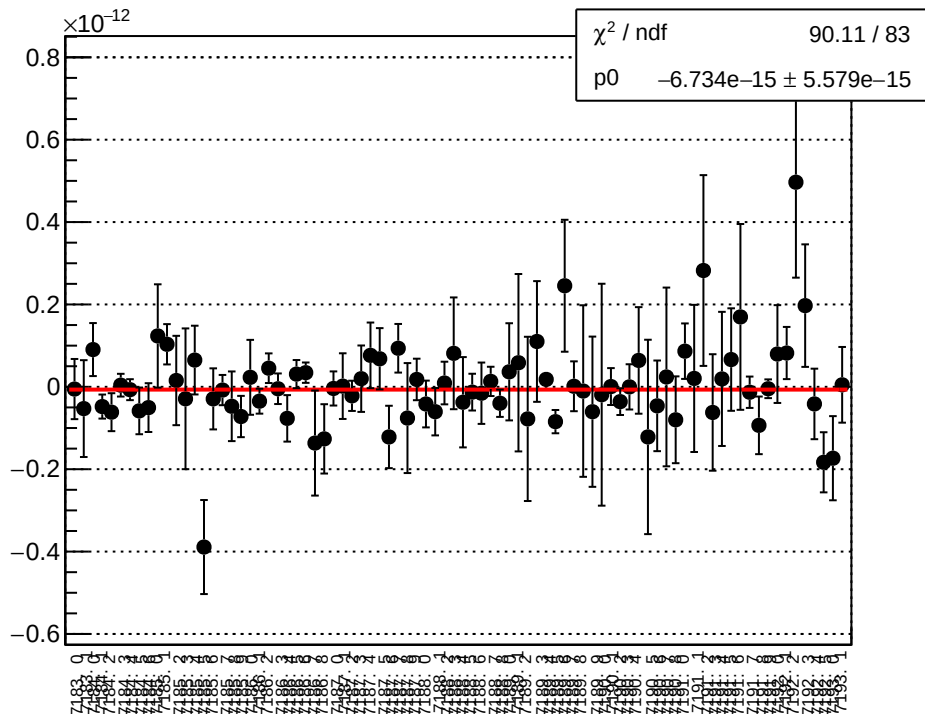
asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



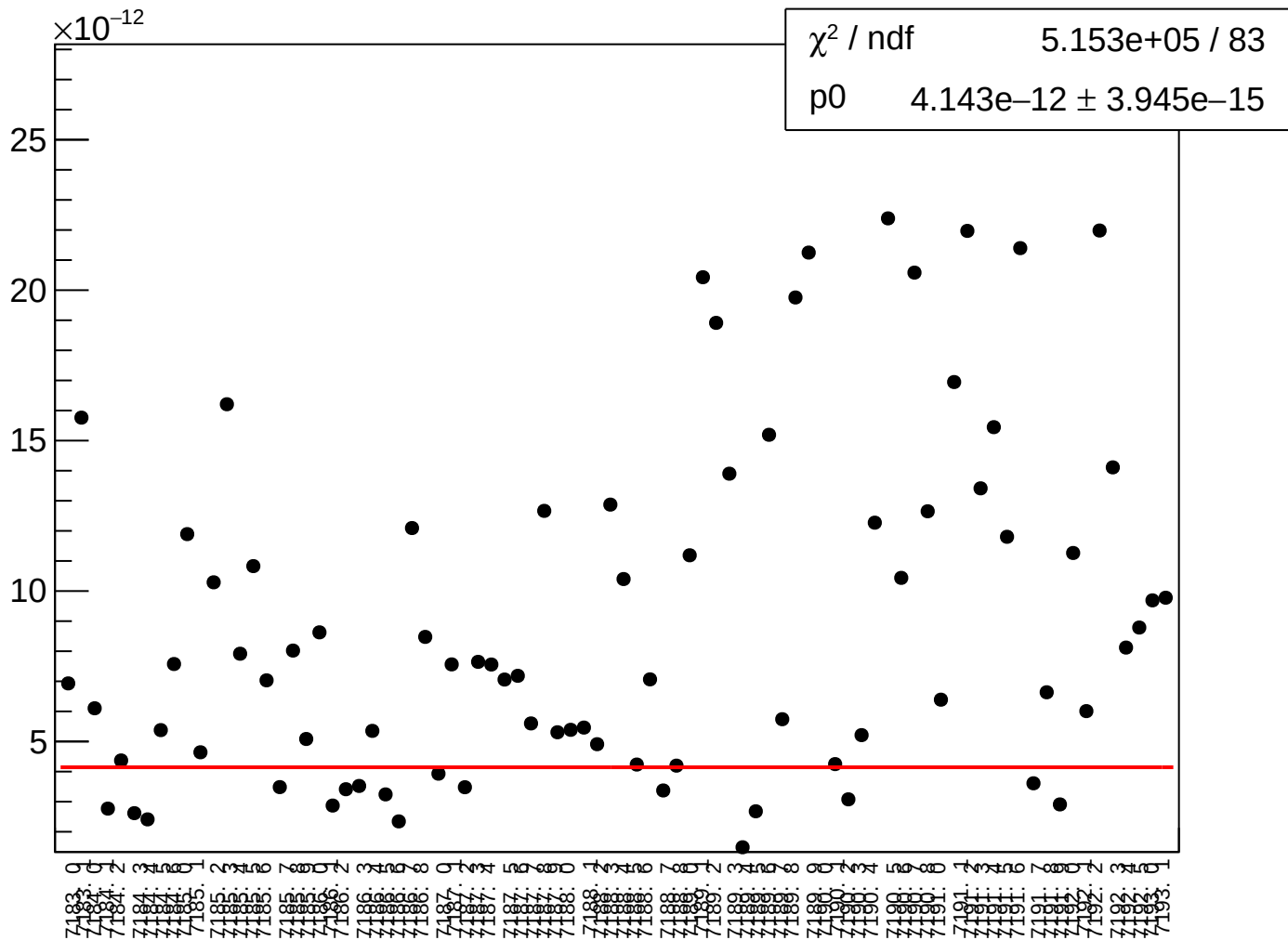
asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



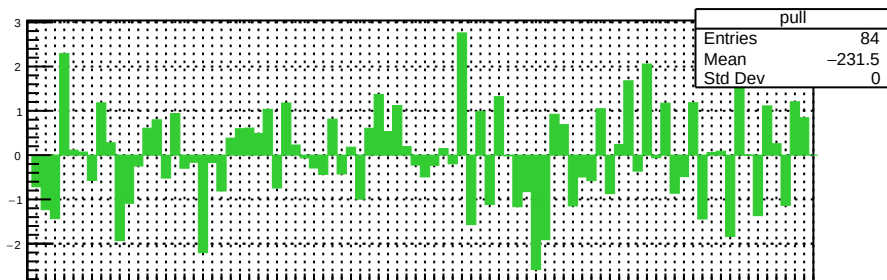
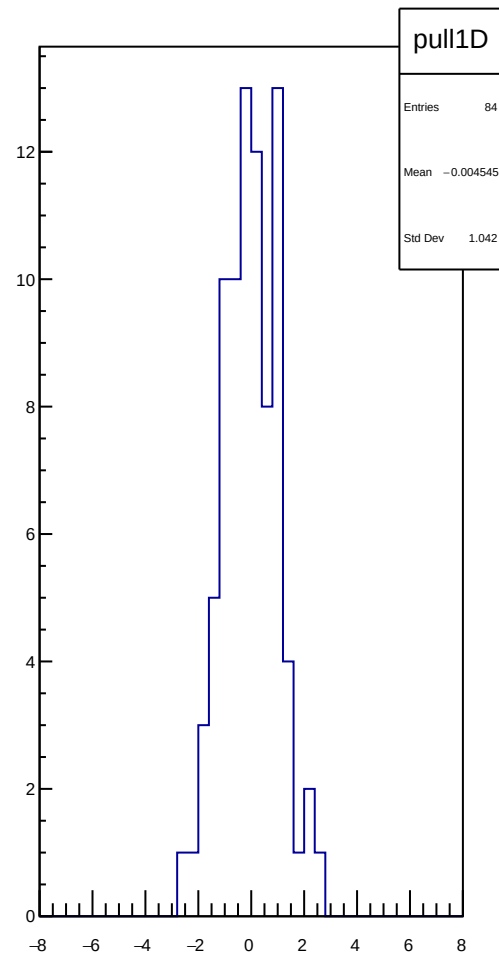
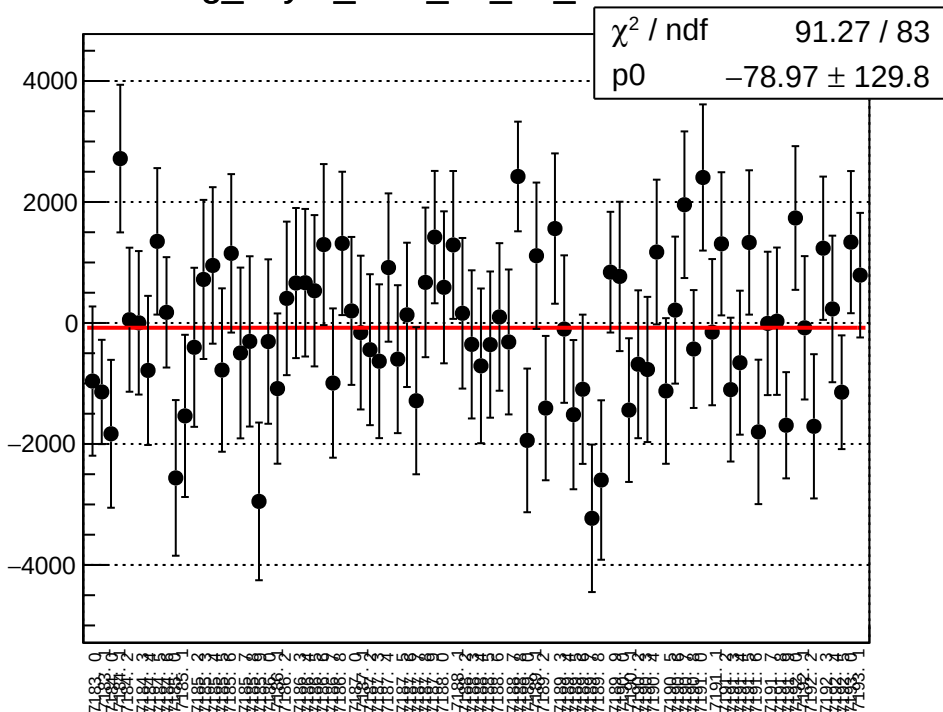
asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs run



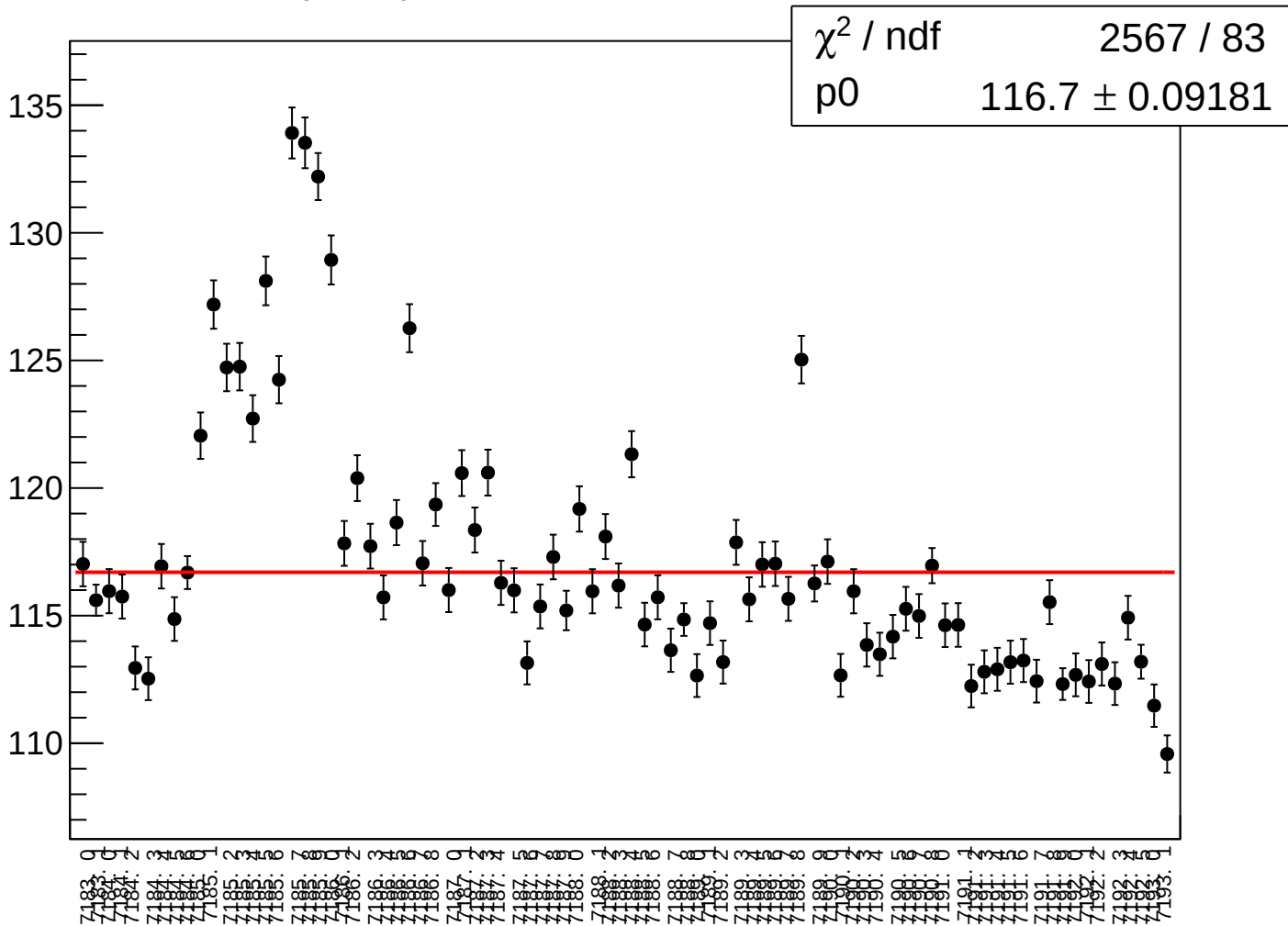
asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs run



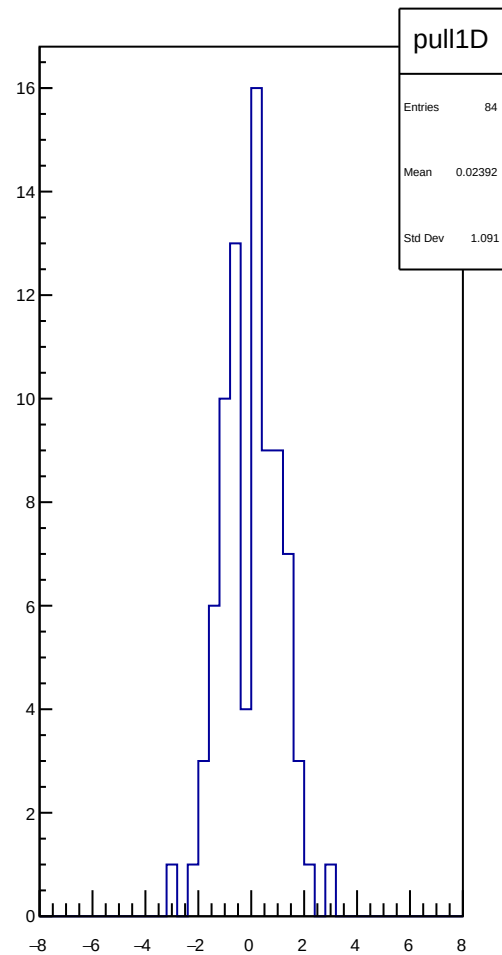
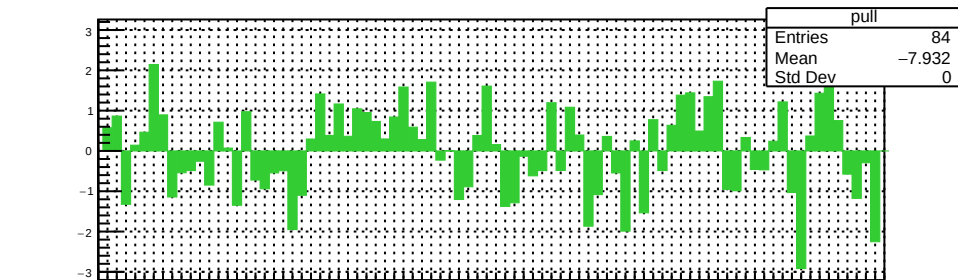
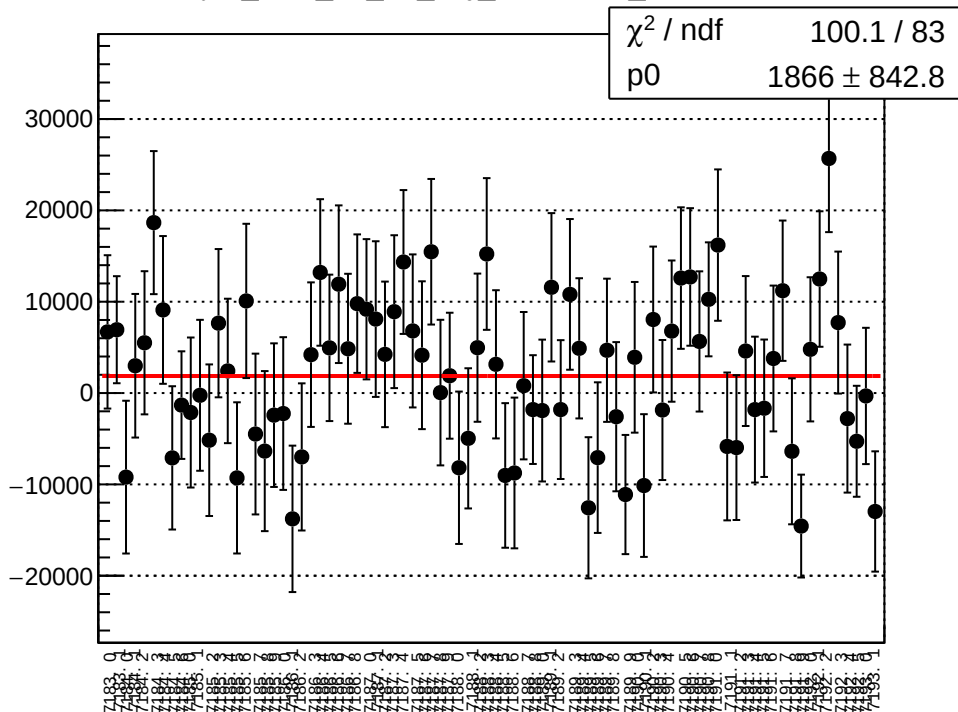
reg_asym_sam_48_dd_mean vs run



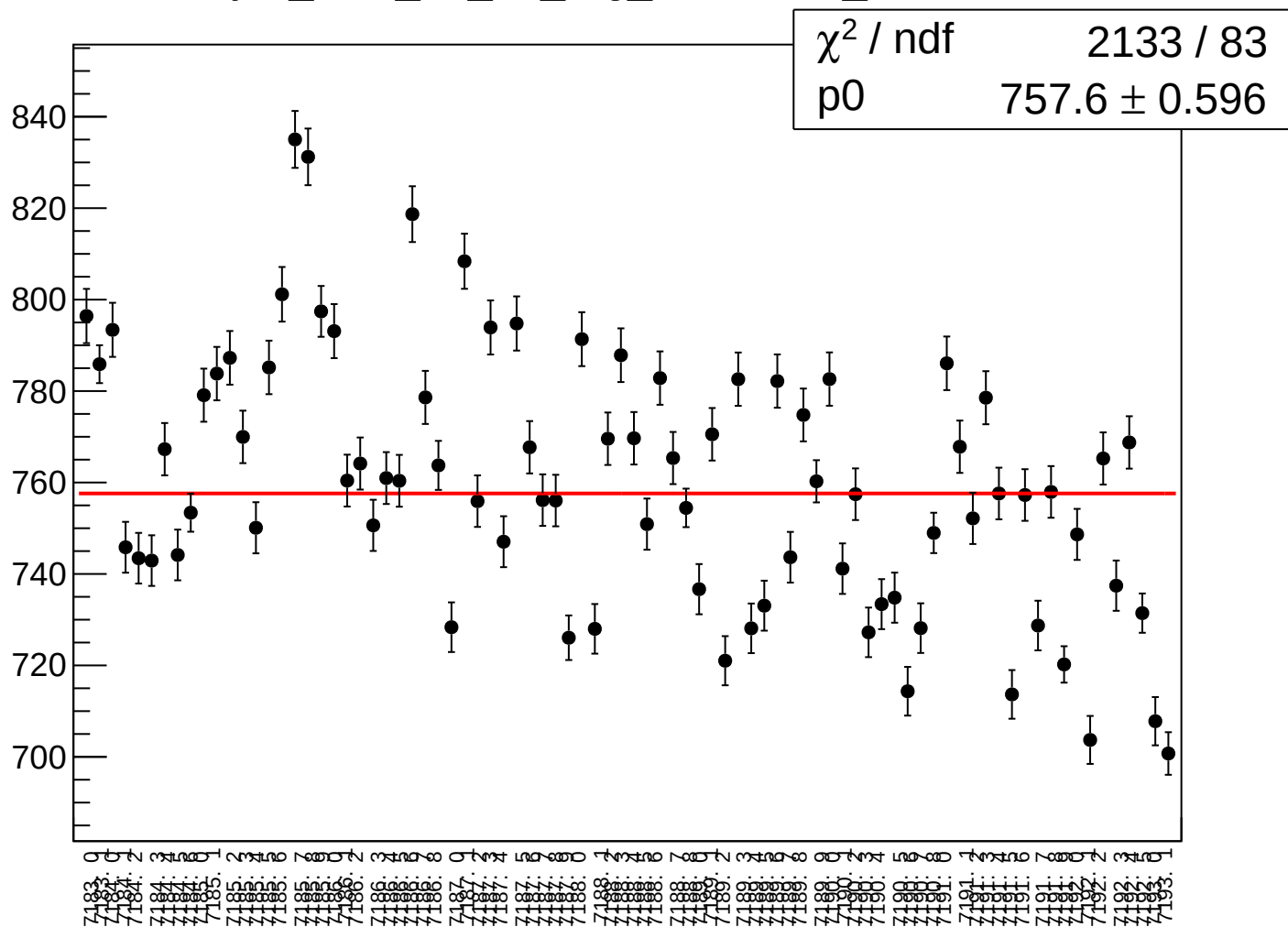
reg_asym_sam_48_dd_rms vs run



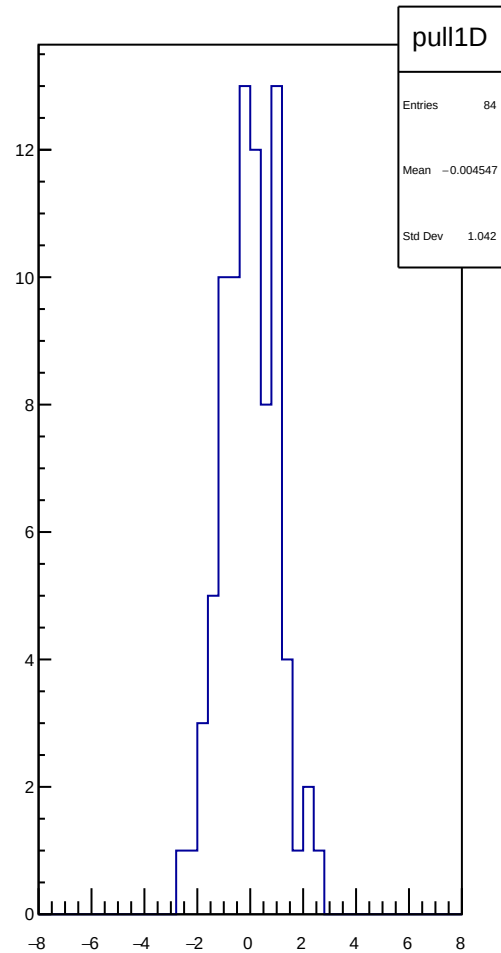
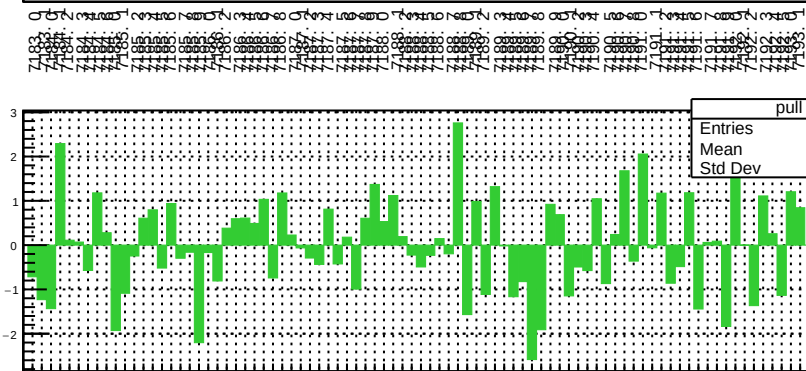
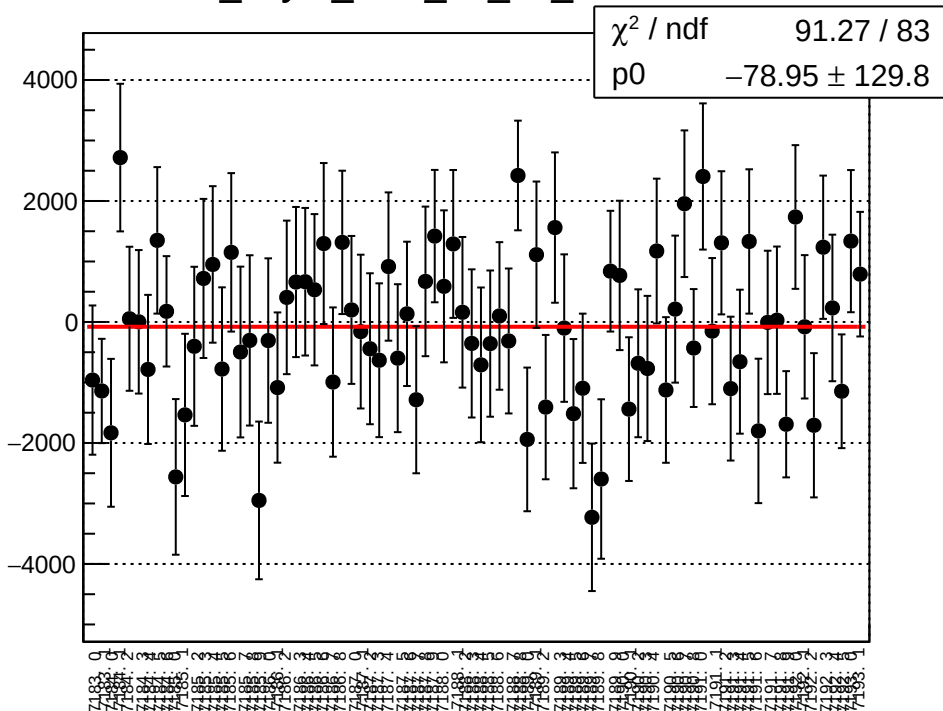
asym_sam_48_dd_reg_correction_mean vs run



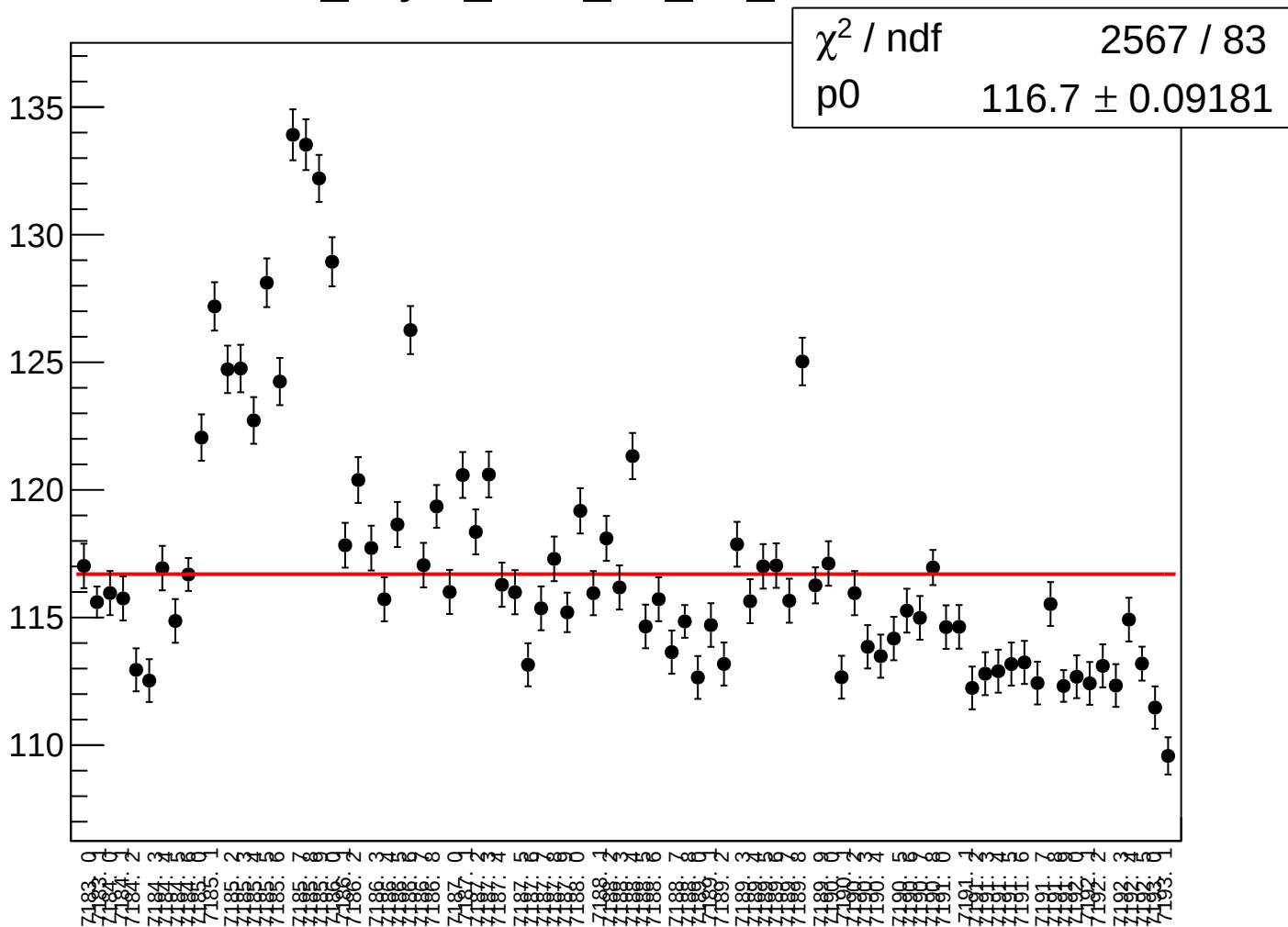
asym_sam_48_dd_reg_correction_rms vs run



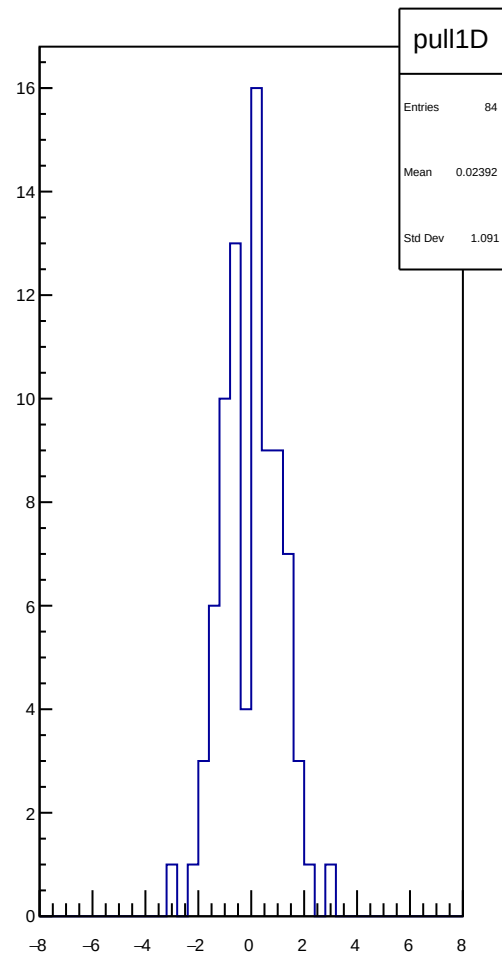
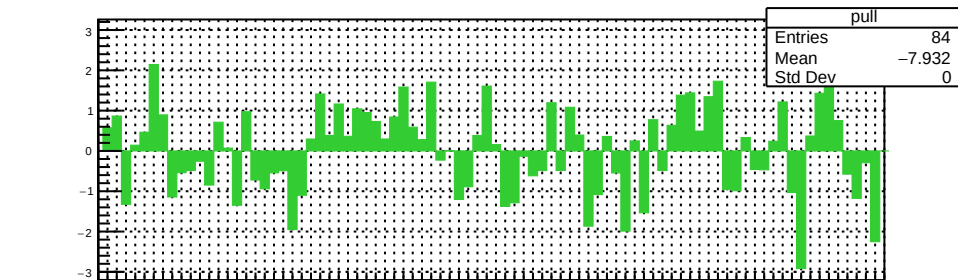
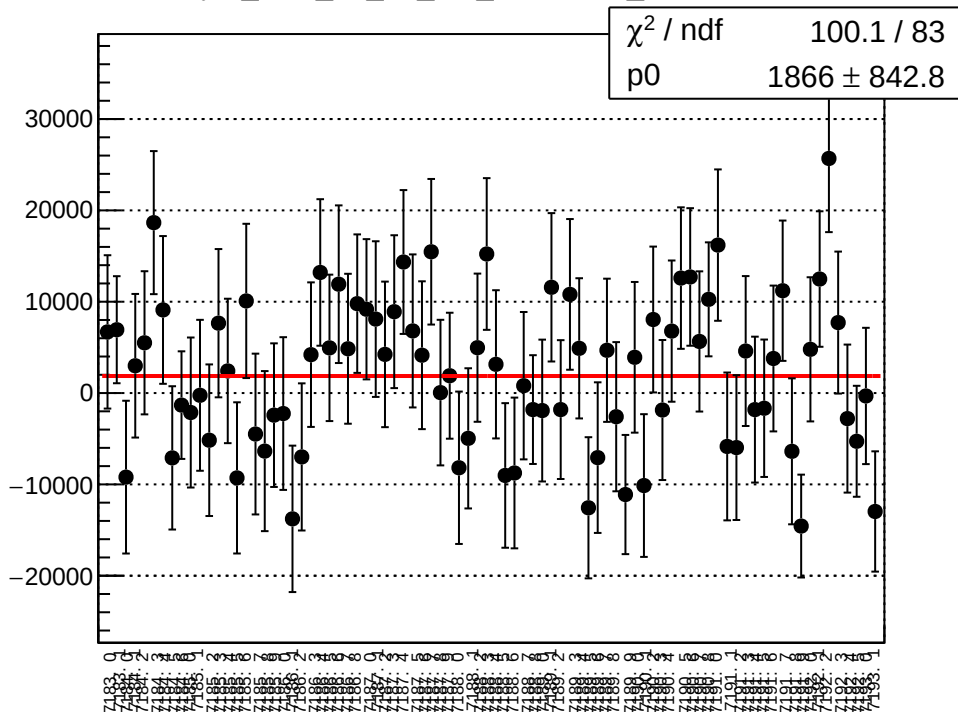
cor_asym_sam_48_dd_mean vs run



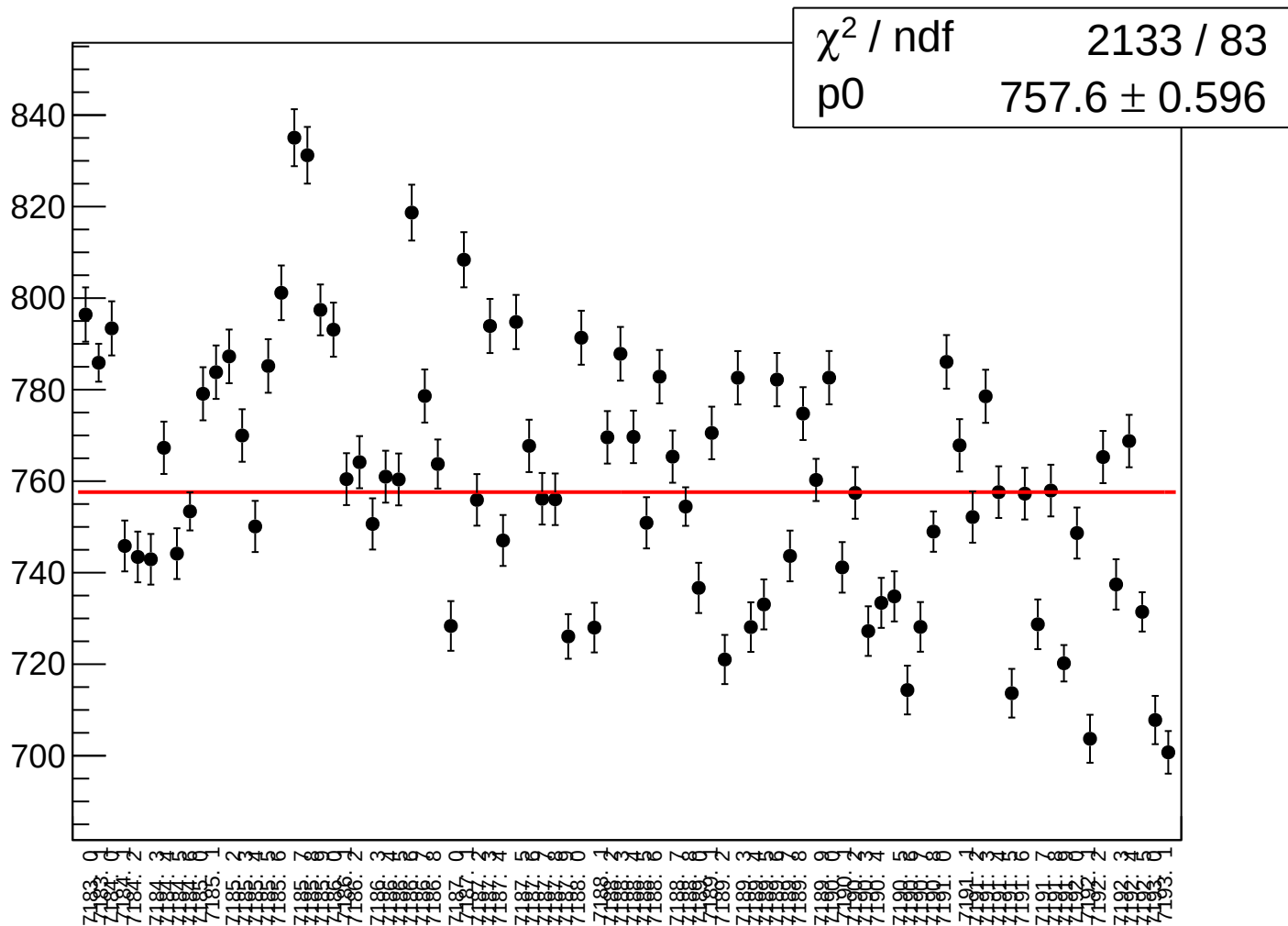
cor_asym_sam_48_dd_rms vs run



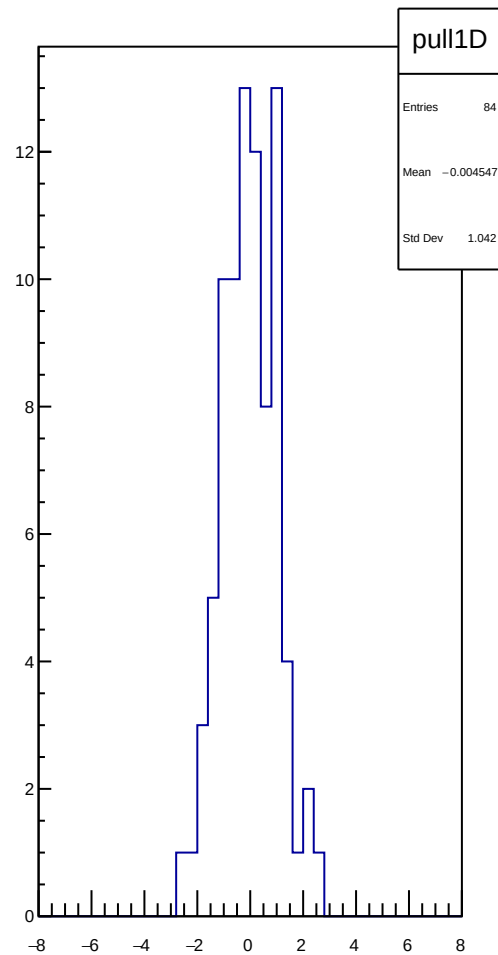
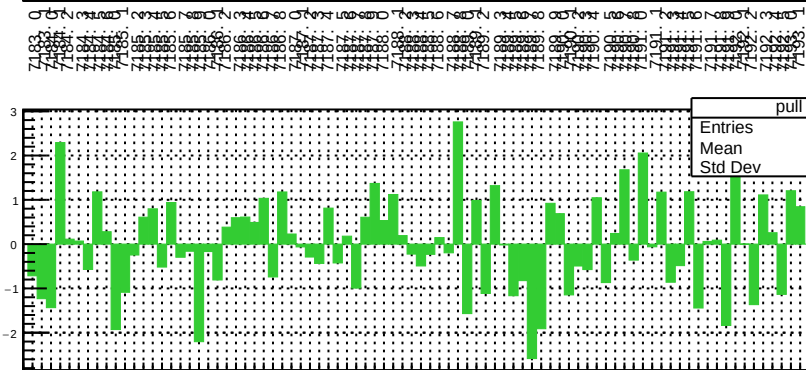
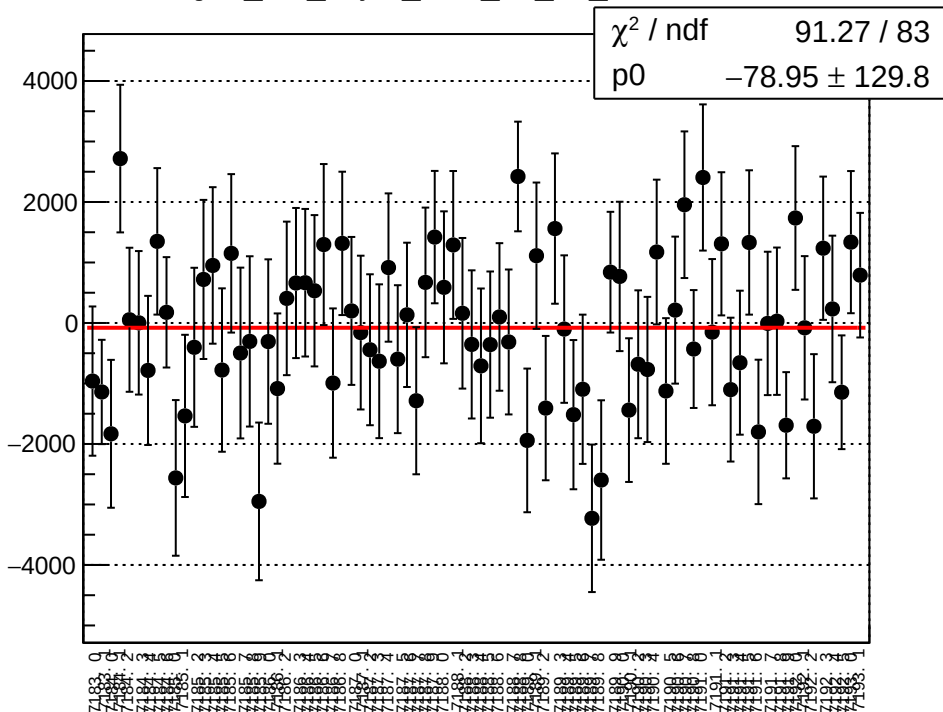
asym_sam_48_dd_cor_correction_mean vs run



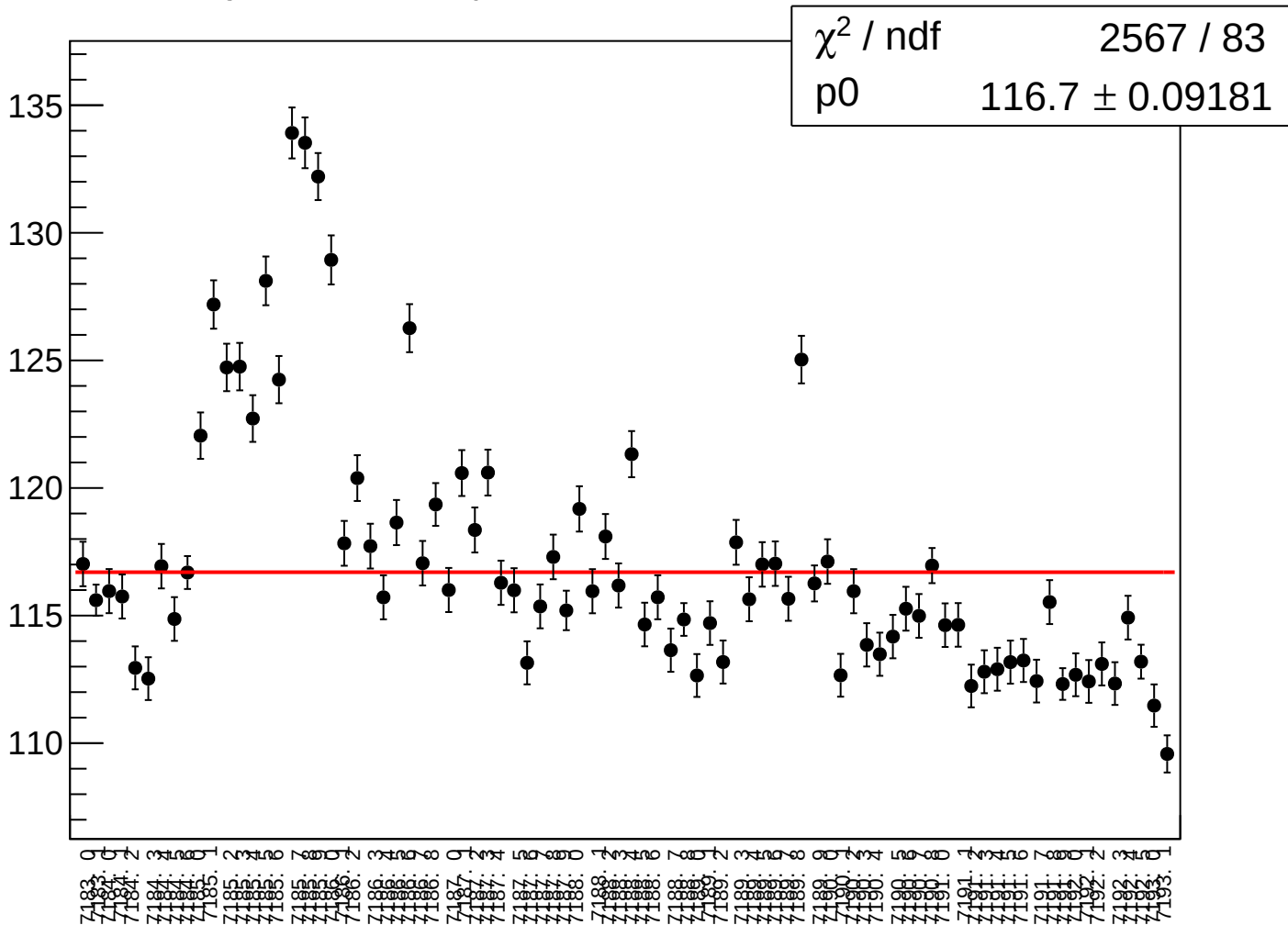
asym_sam_48_dd_cor_correction_rms vs run



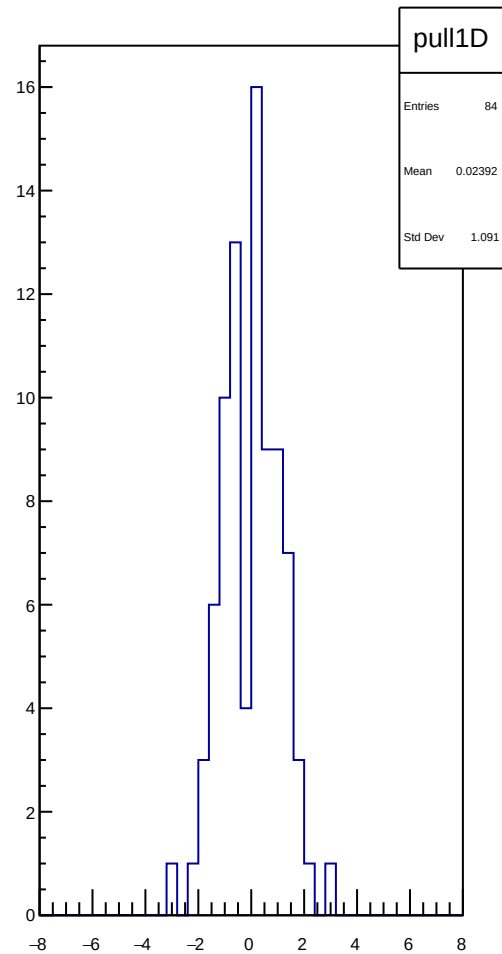
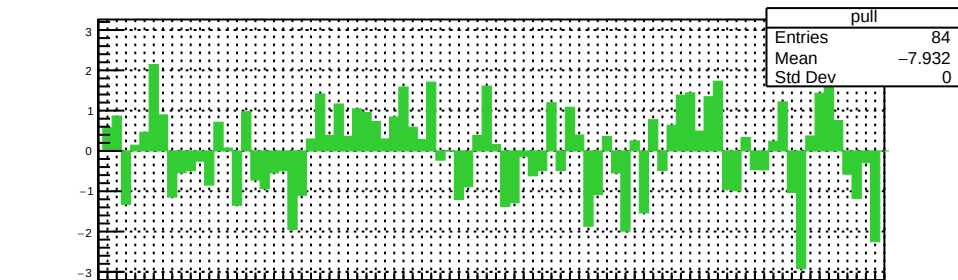
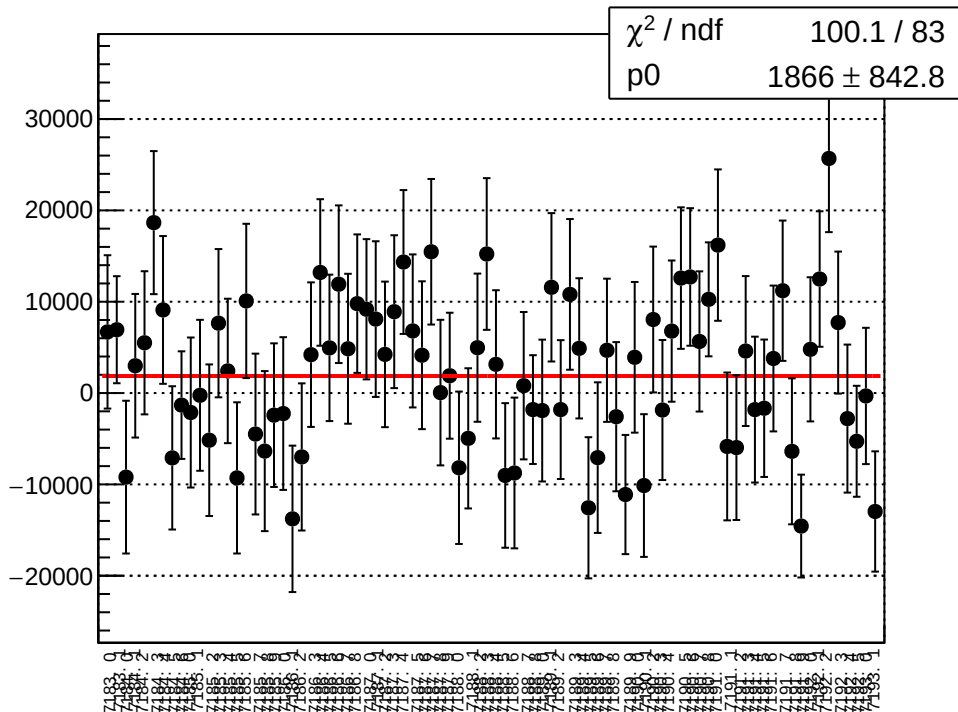
eigen_cor_asym_sam_48_dd_mean vs run



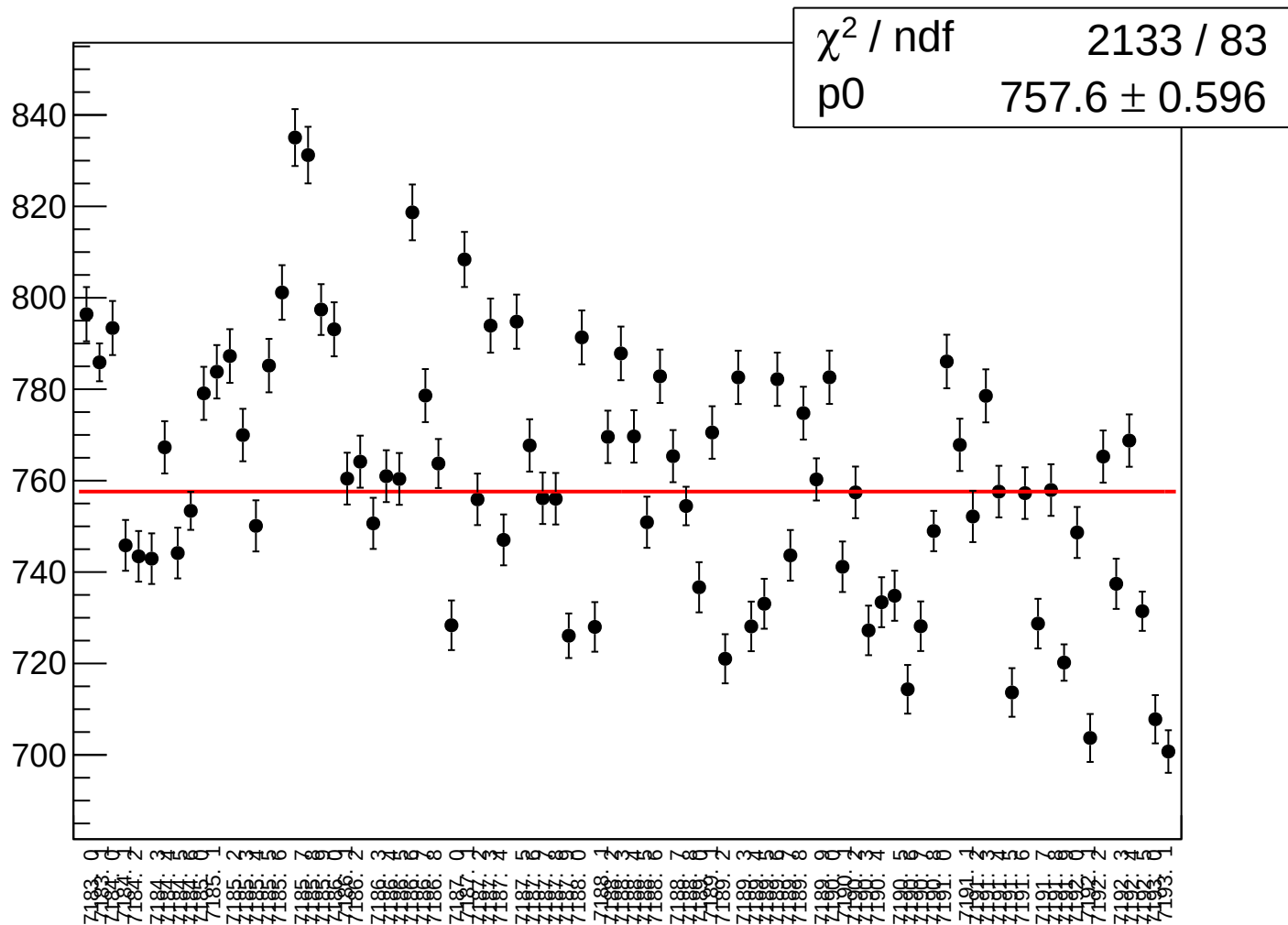
eigen_cor_asym_sam_48_dd_rms vs run



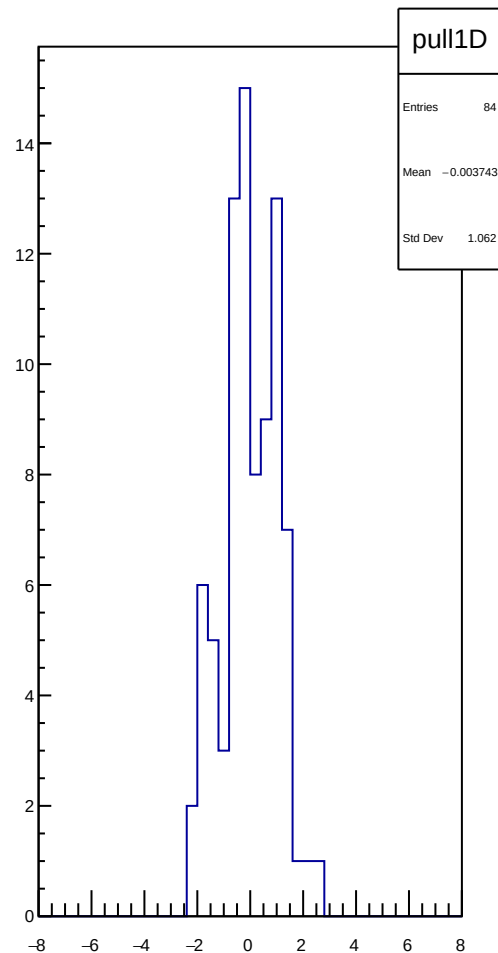
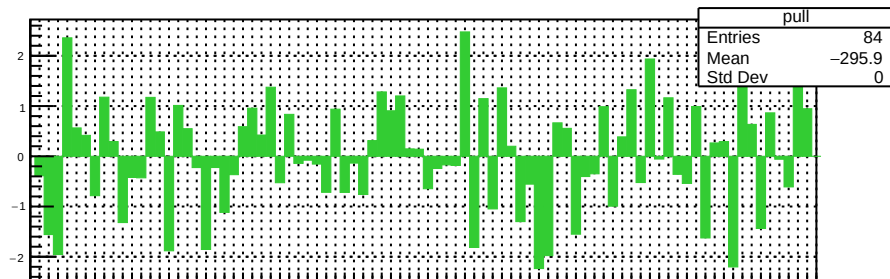
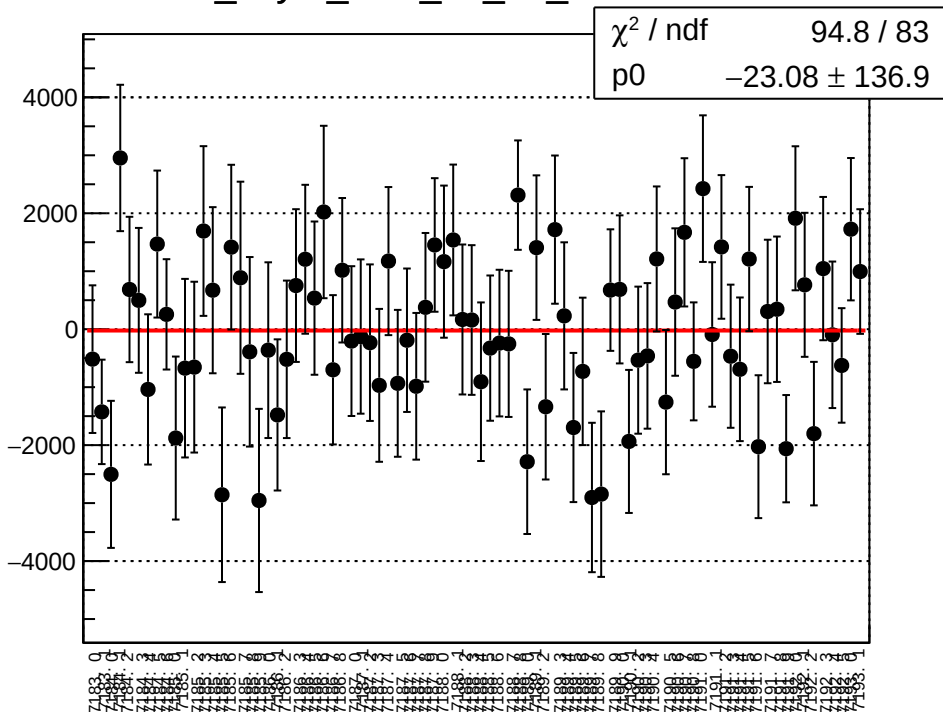
asym_sam_48_dd_eigen_cor_correction_mean vs run



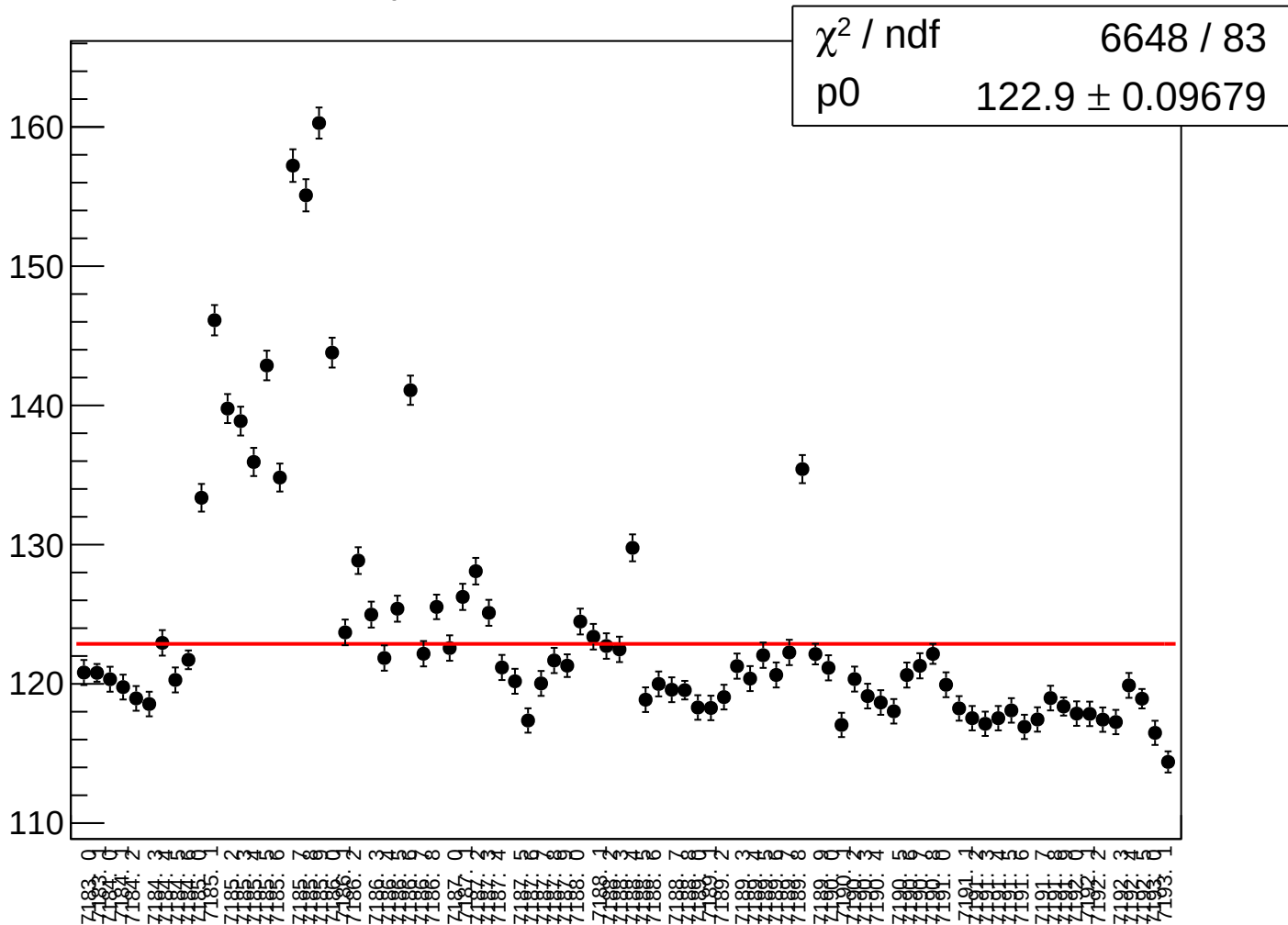
asym_sam_48_dd_eigen_cor_correction_rms vs run



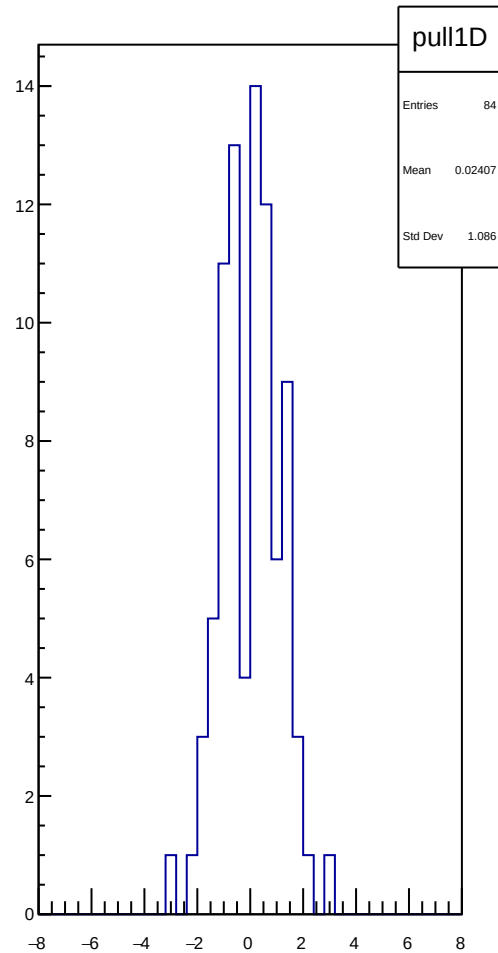
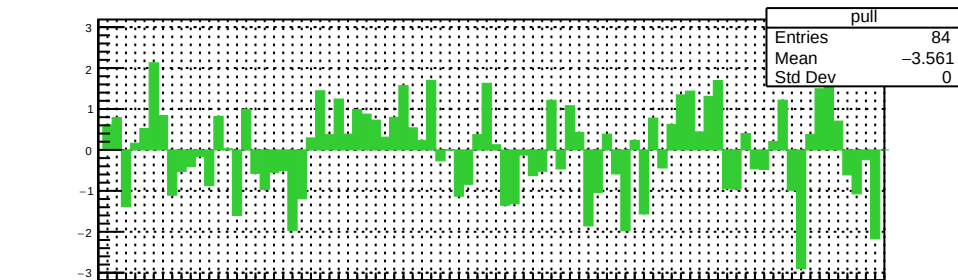
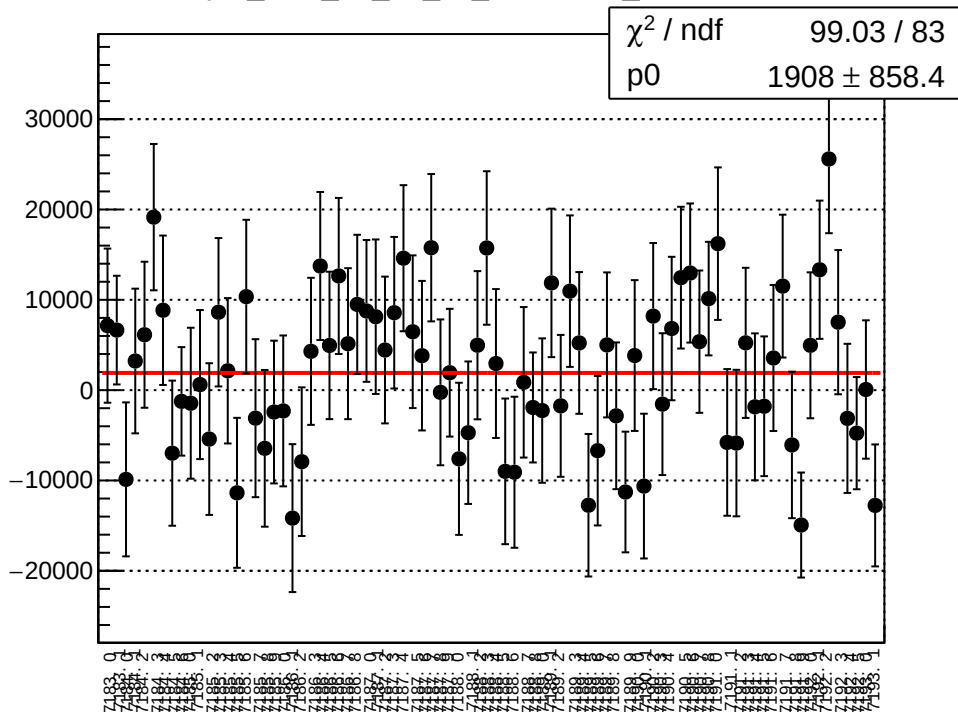
dit_asym_sam_48_dd_mean vs run



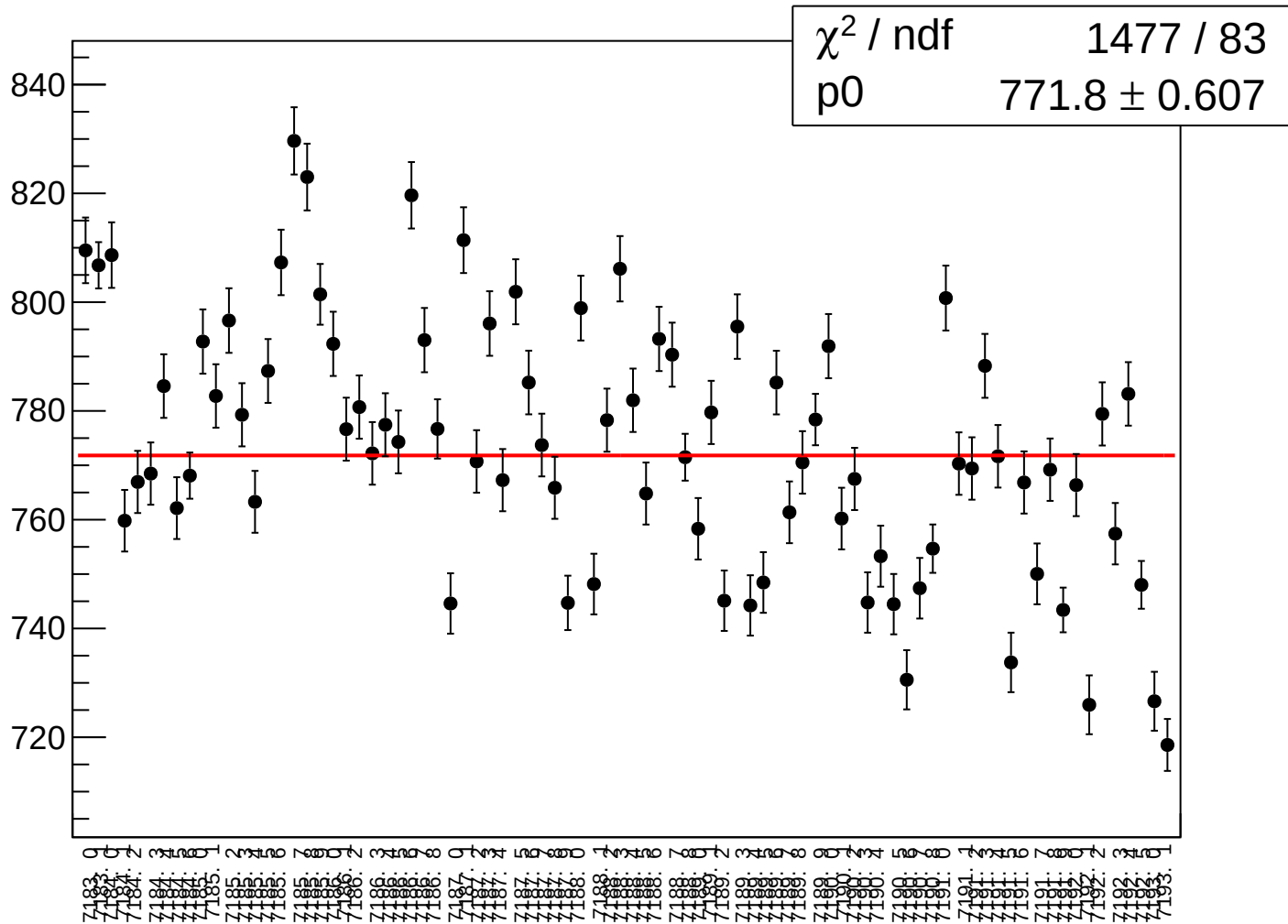
dit_asym_sam_48_dd_rms vs run



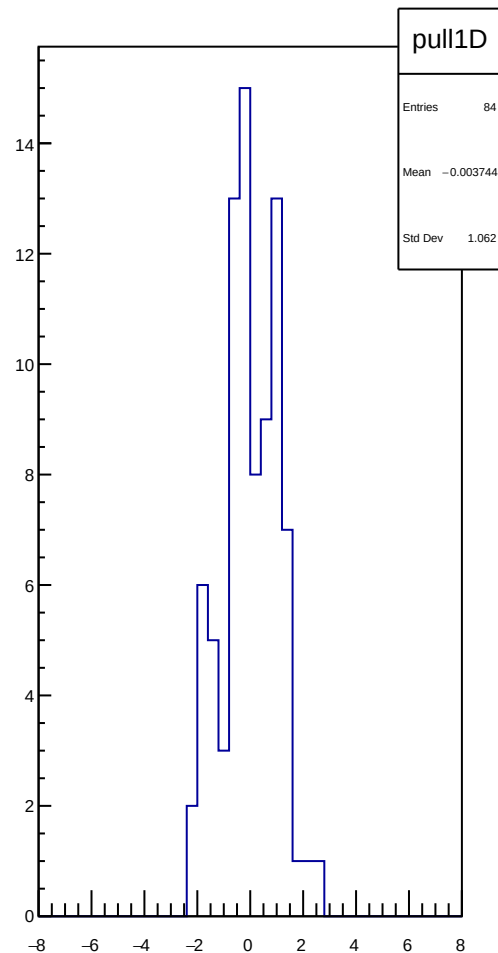
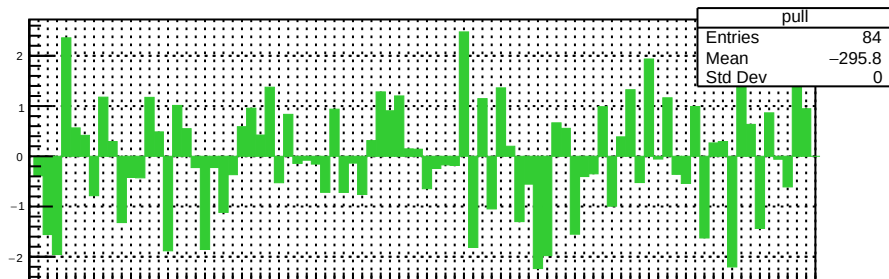
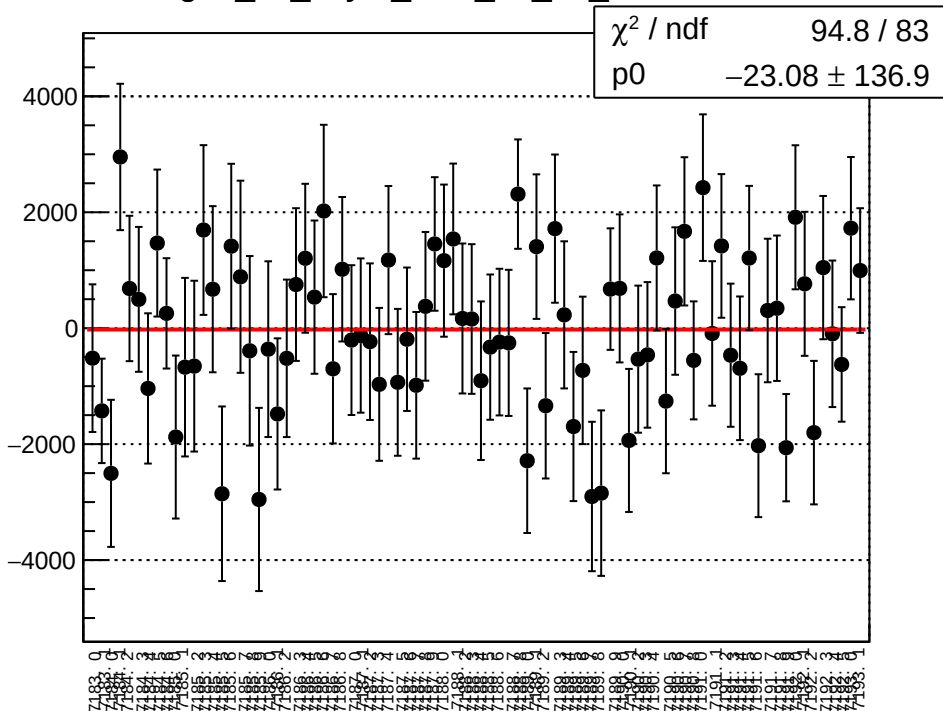
asym_sam_48_dd_dit_correction_mean vs run



asym_sam_48_dd_dit_correction_rms vs run



eigen_dit_asym_sam_48_dd_mean vs run



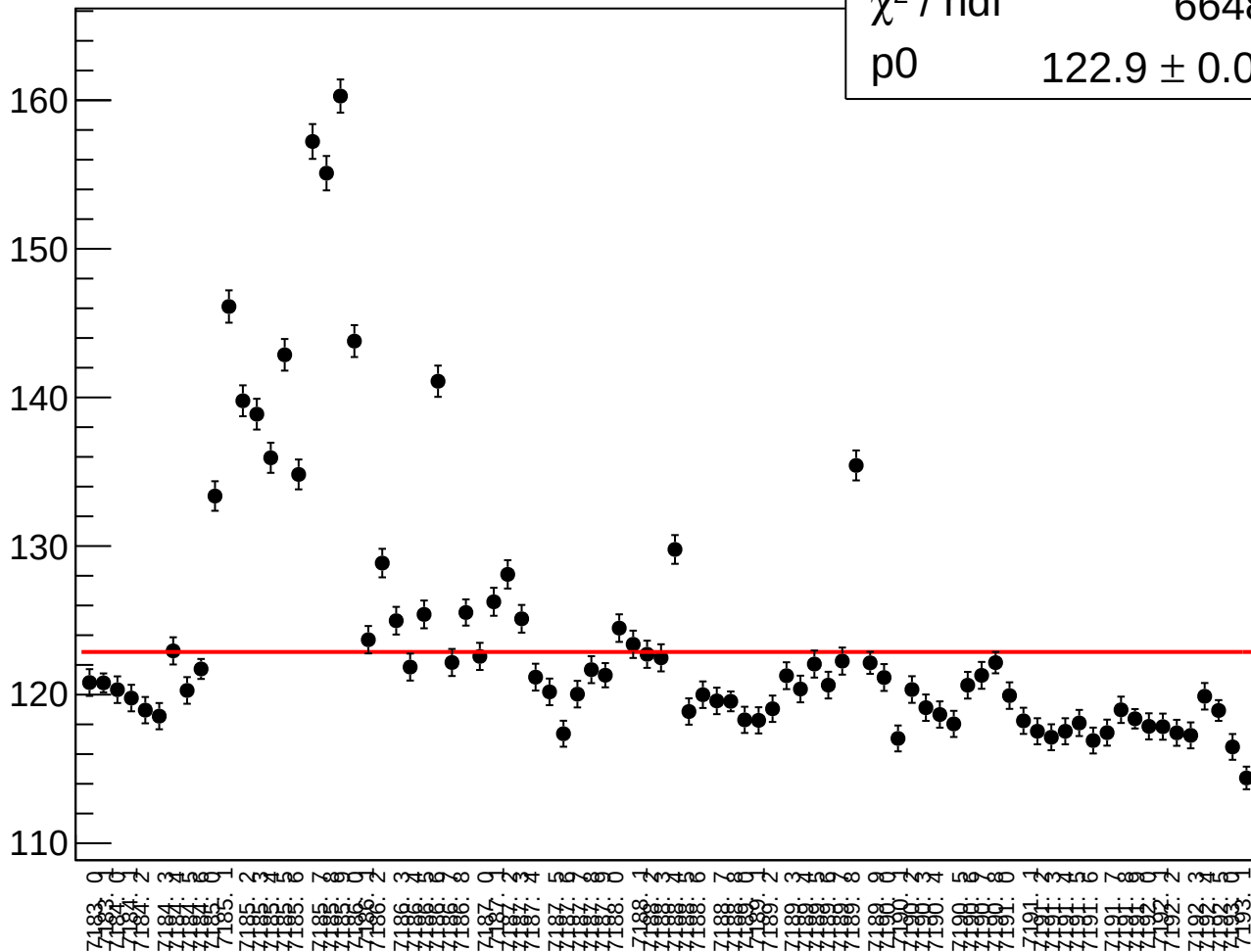
eigen_dit_asym_sam_48_dd_rms vs run

χ^2 / ndf

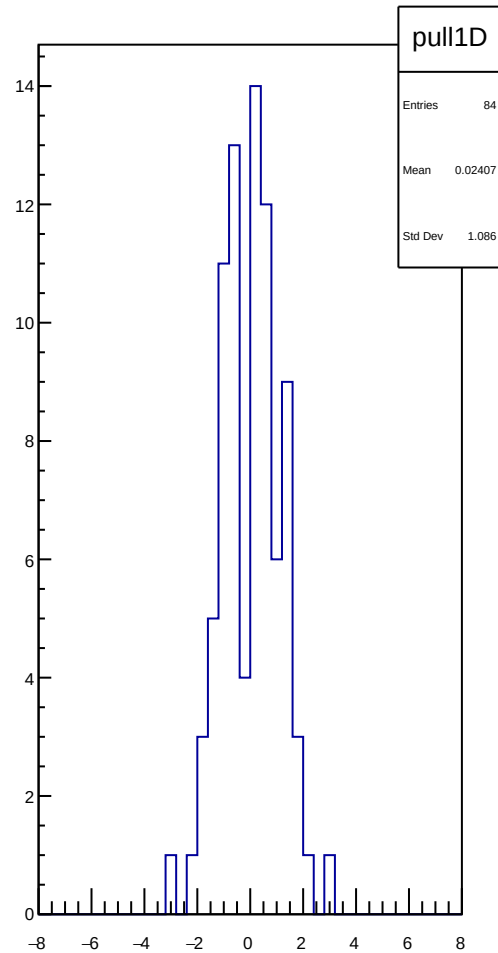
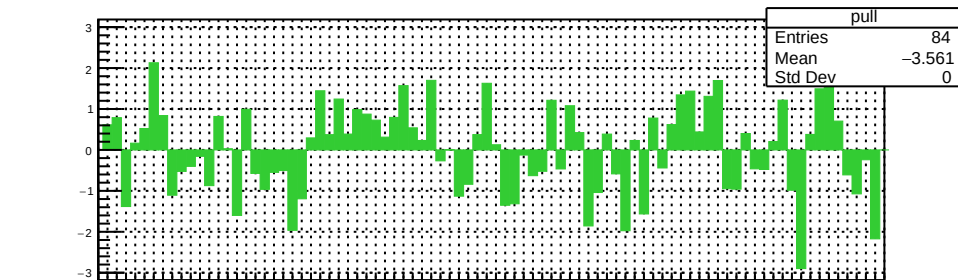
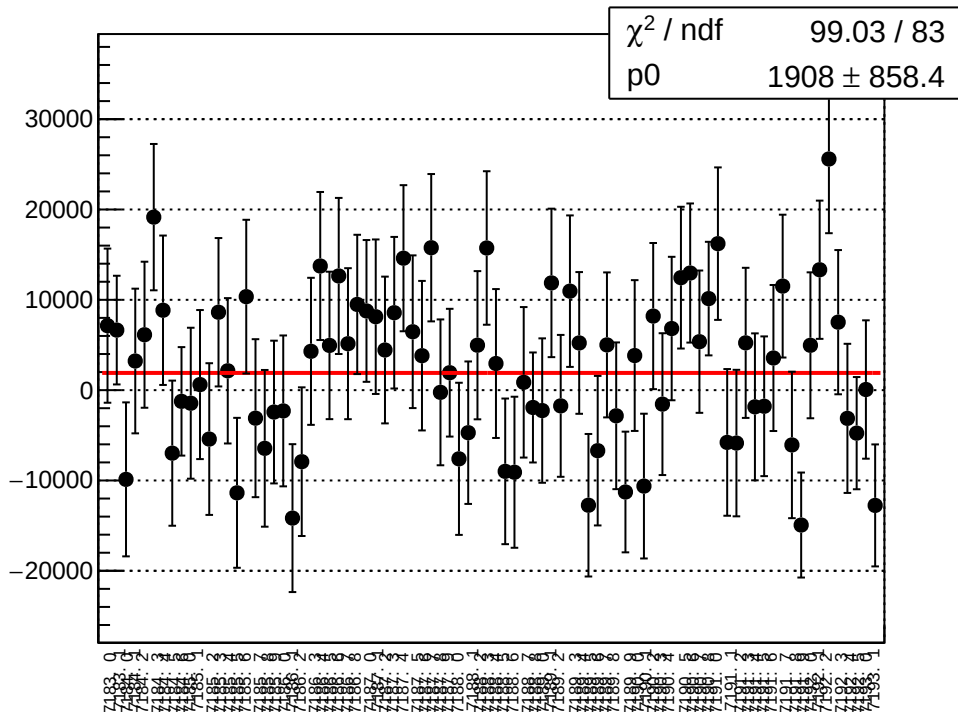
6648 / 83

p0

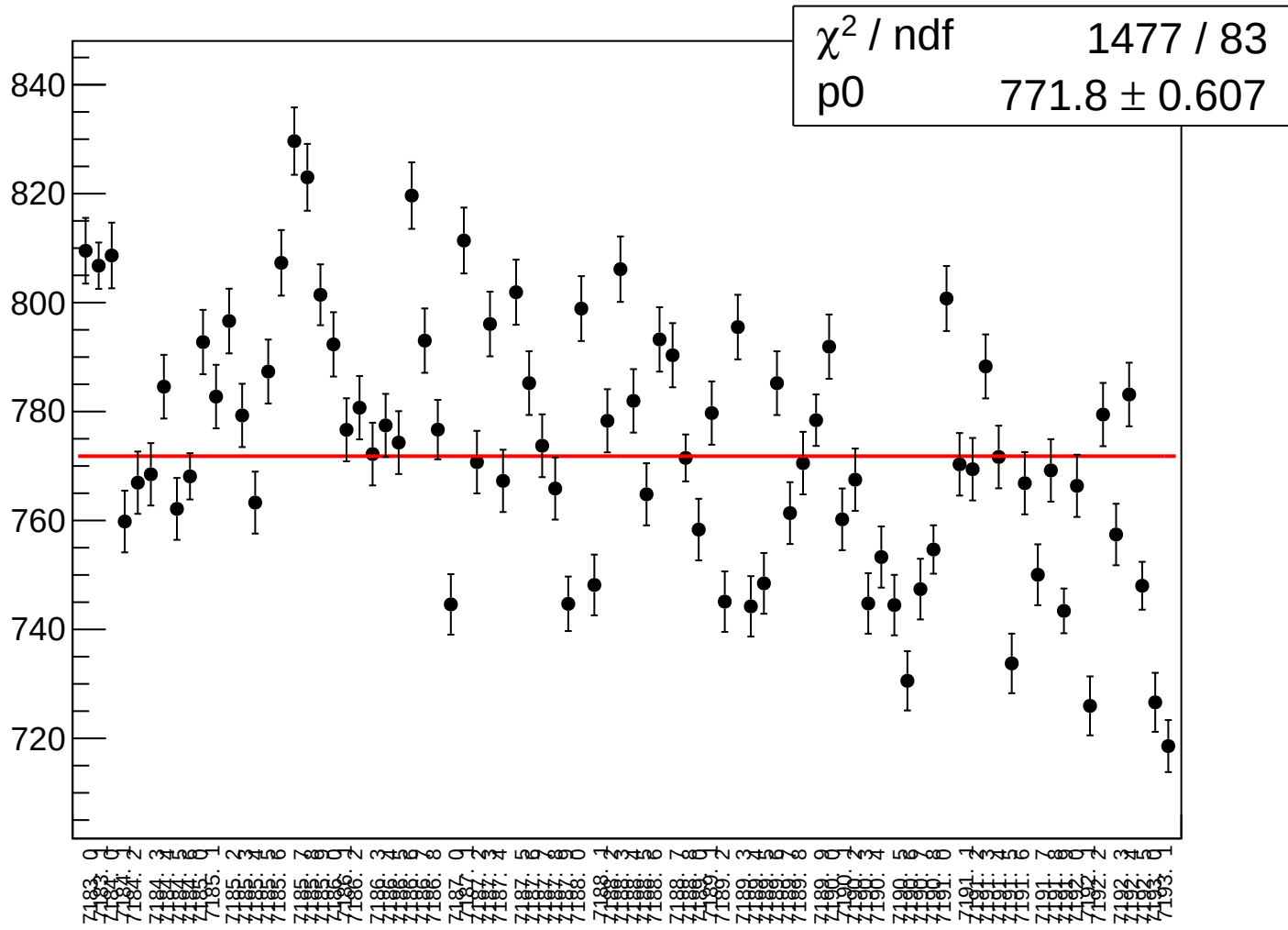
122.9 ± 0.09679



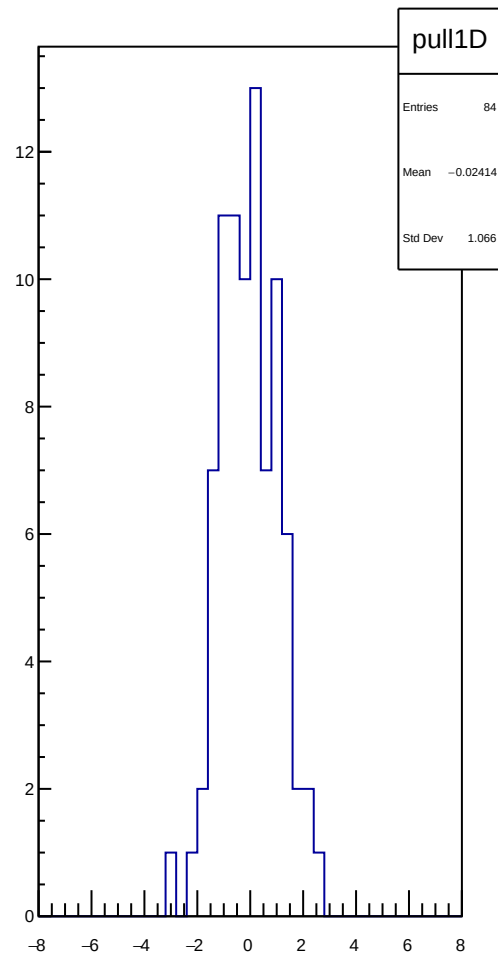
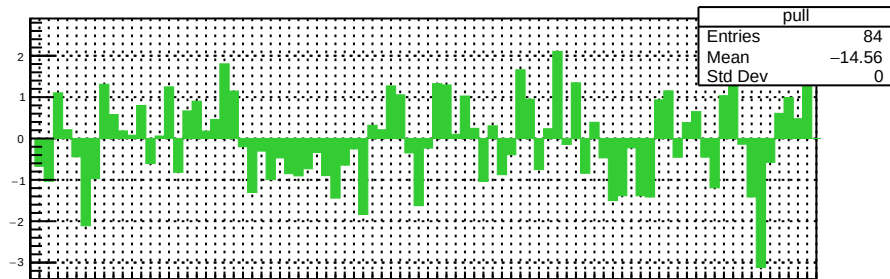
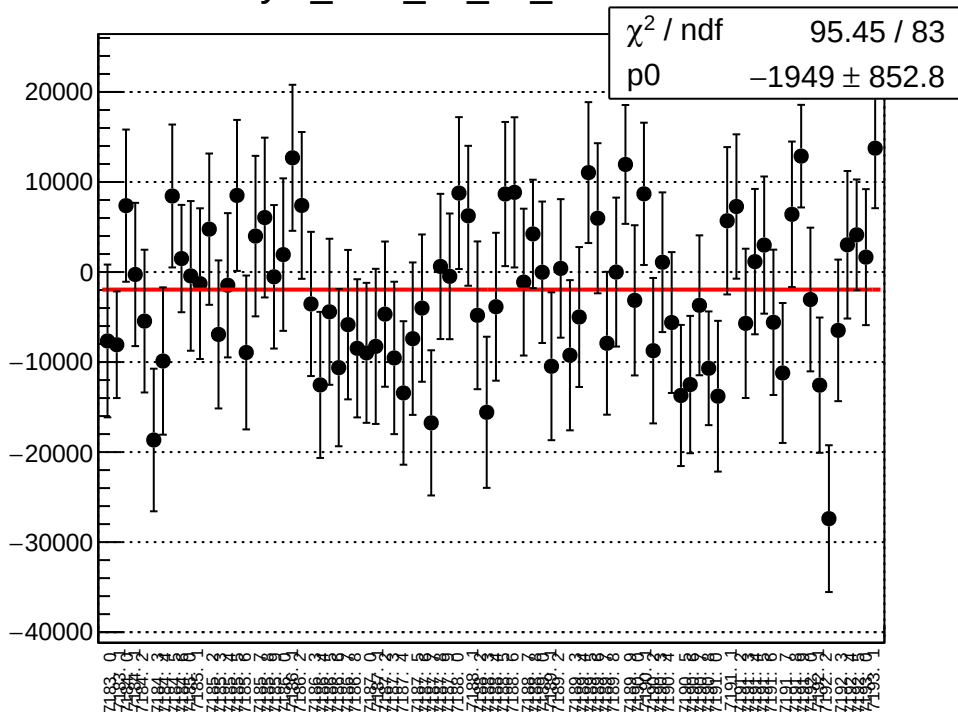
asym_sam_48_dd_eigen_dit_correction_mean vs run



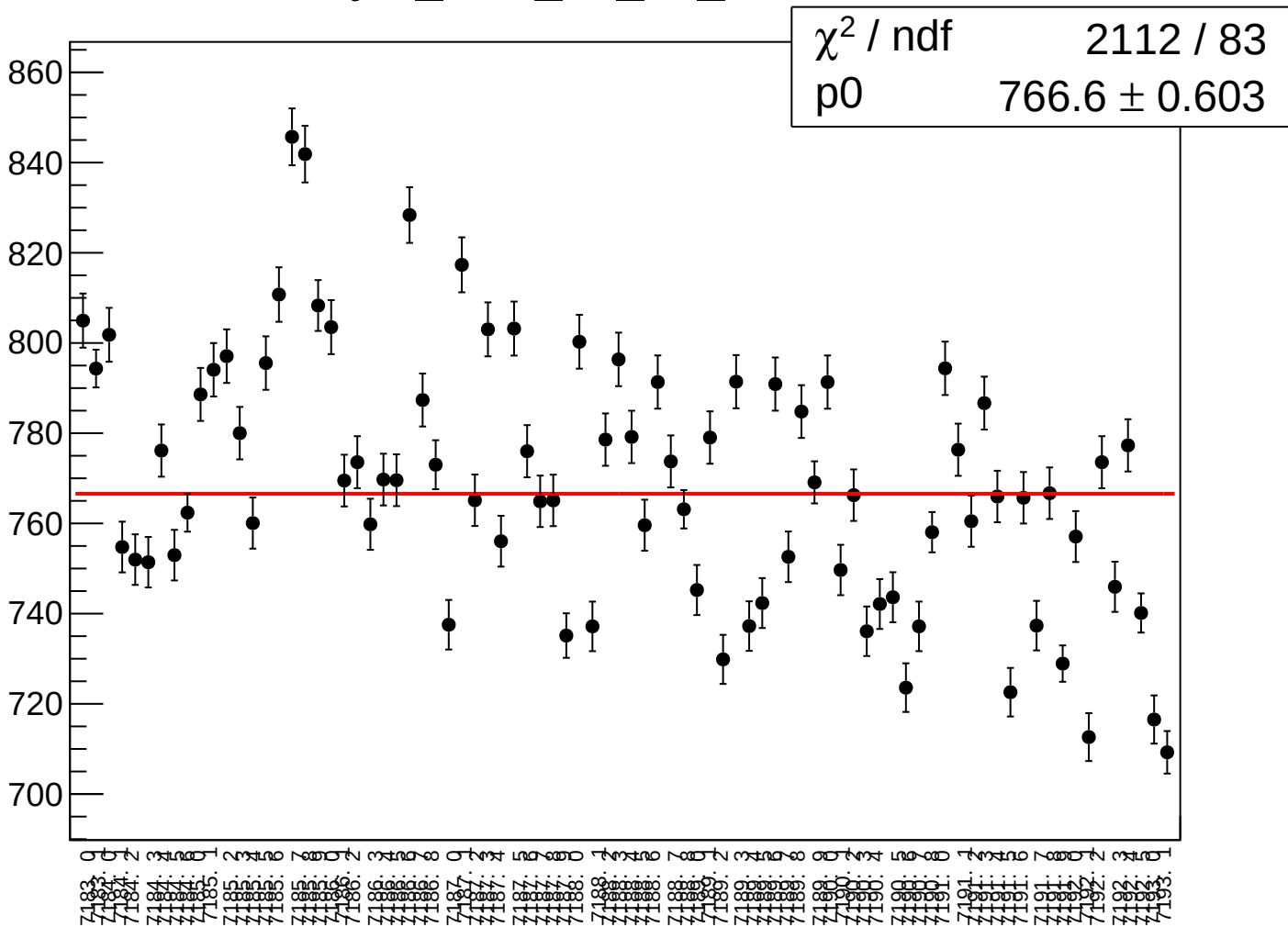
asym_sam_48_dd_eigen_dit_correction_rms vs run



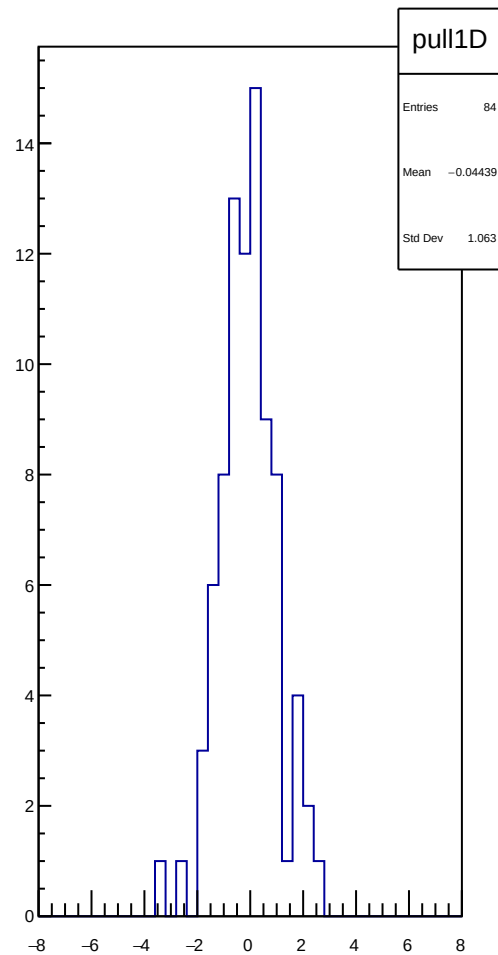
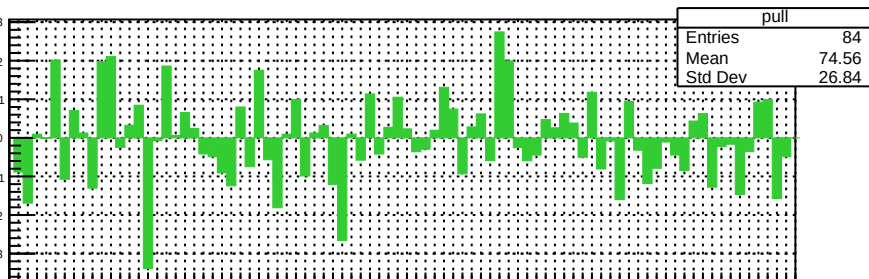
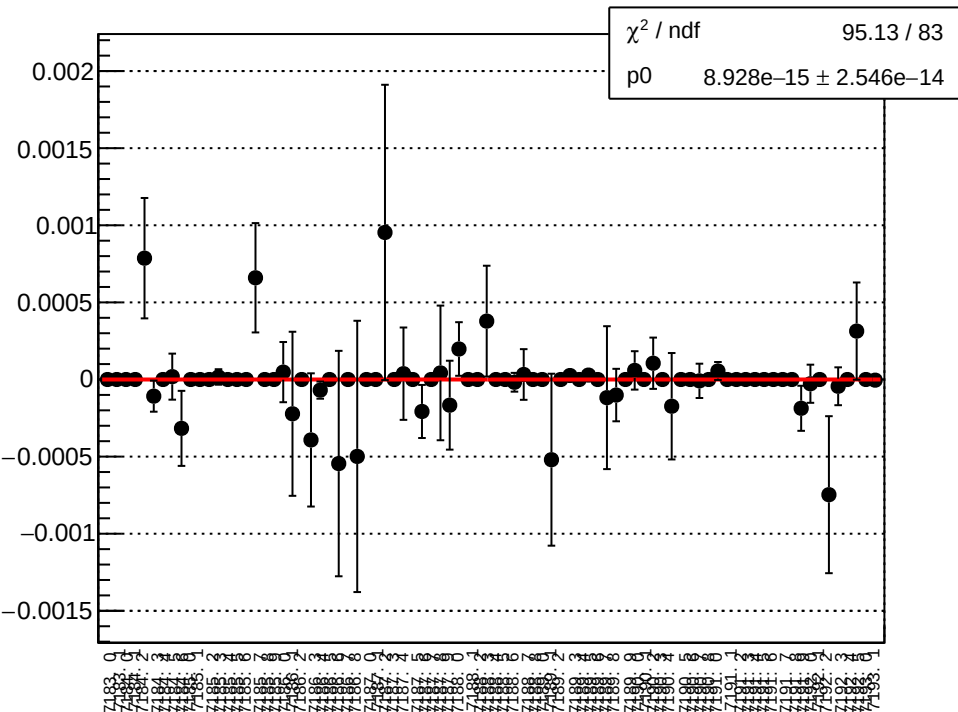
asym_sam_48_dd_mean vs run



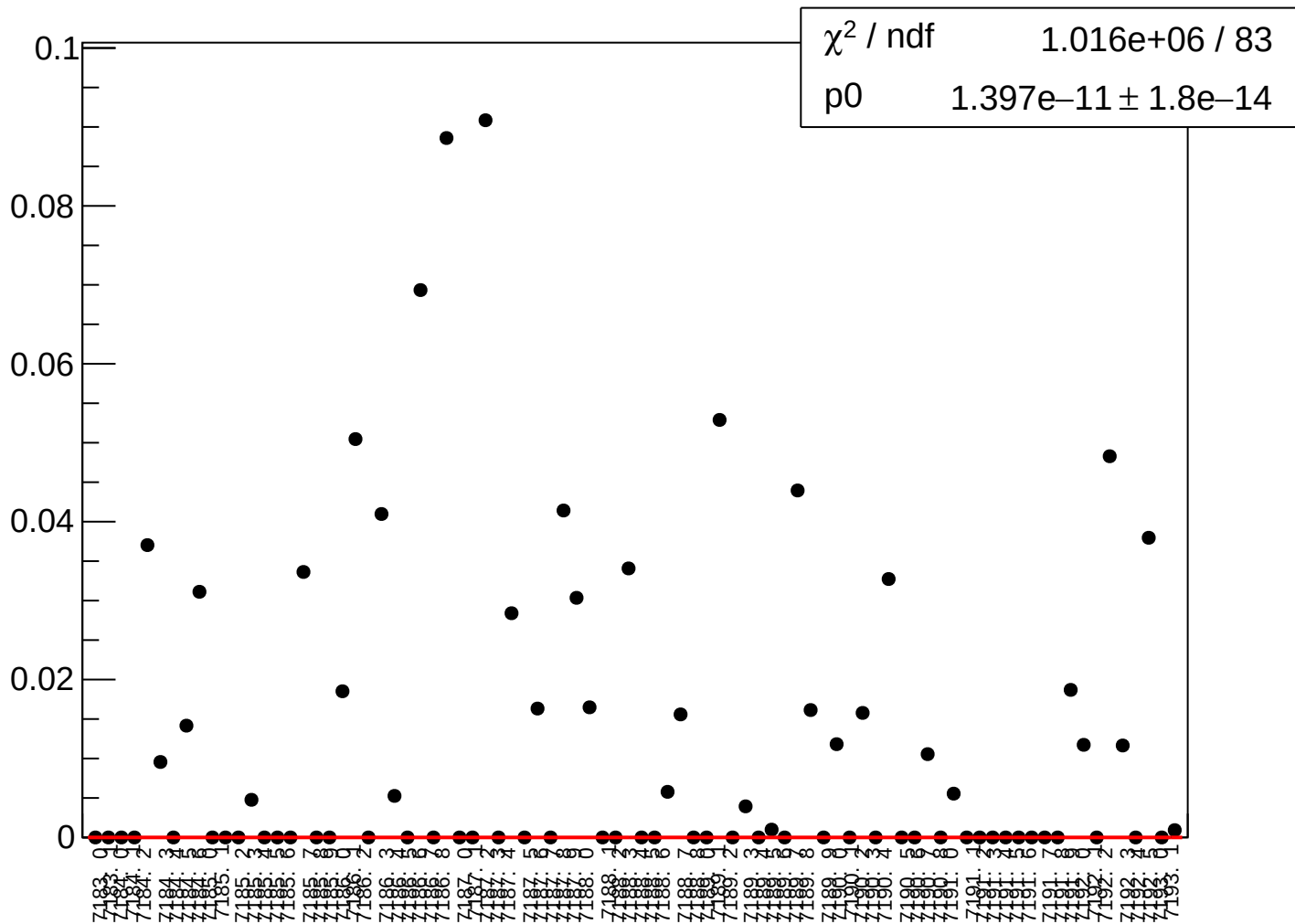
asym_sam_48_dd_rms vs run



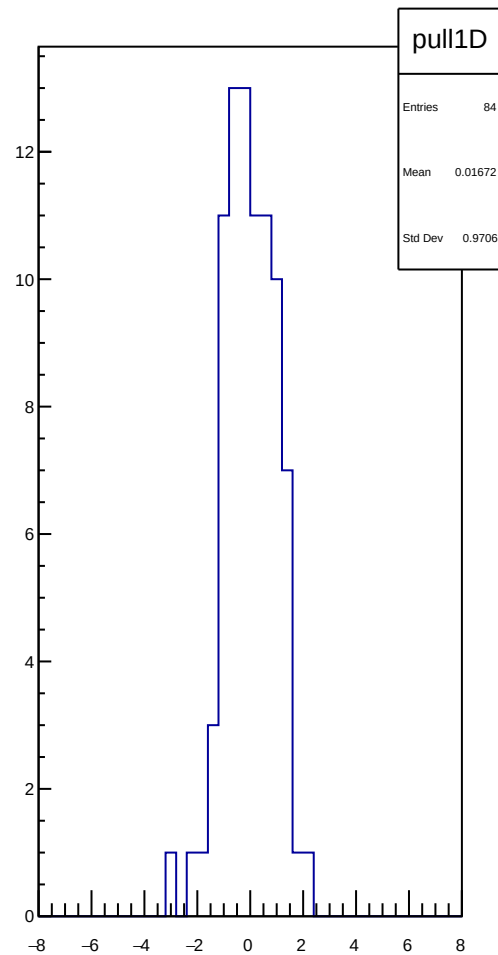
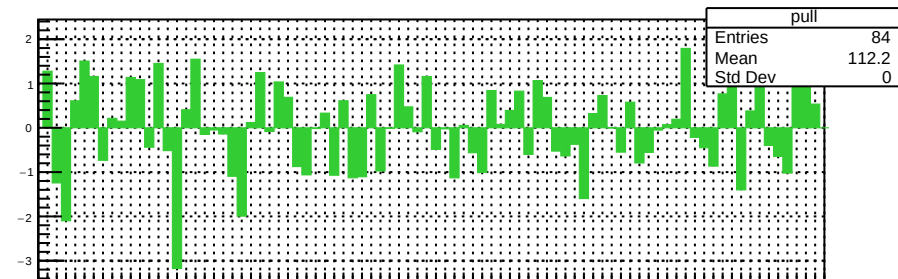
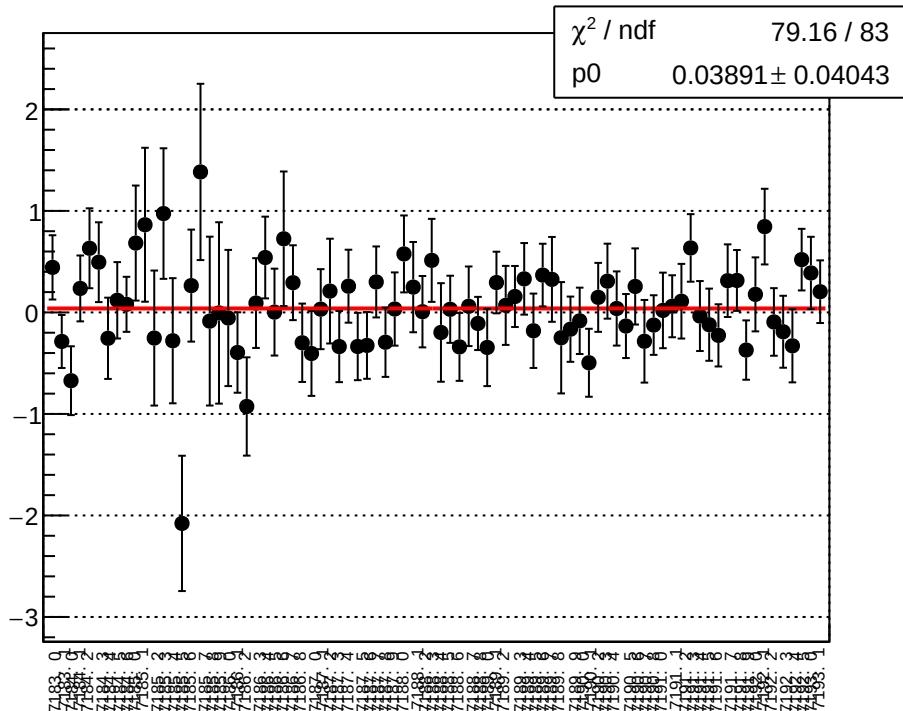
asym_sam_48_dd_reg_vs_cor_diff_mean vs run



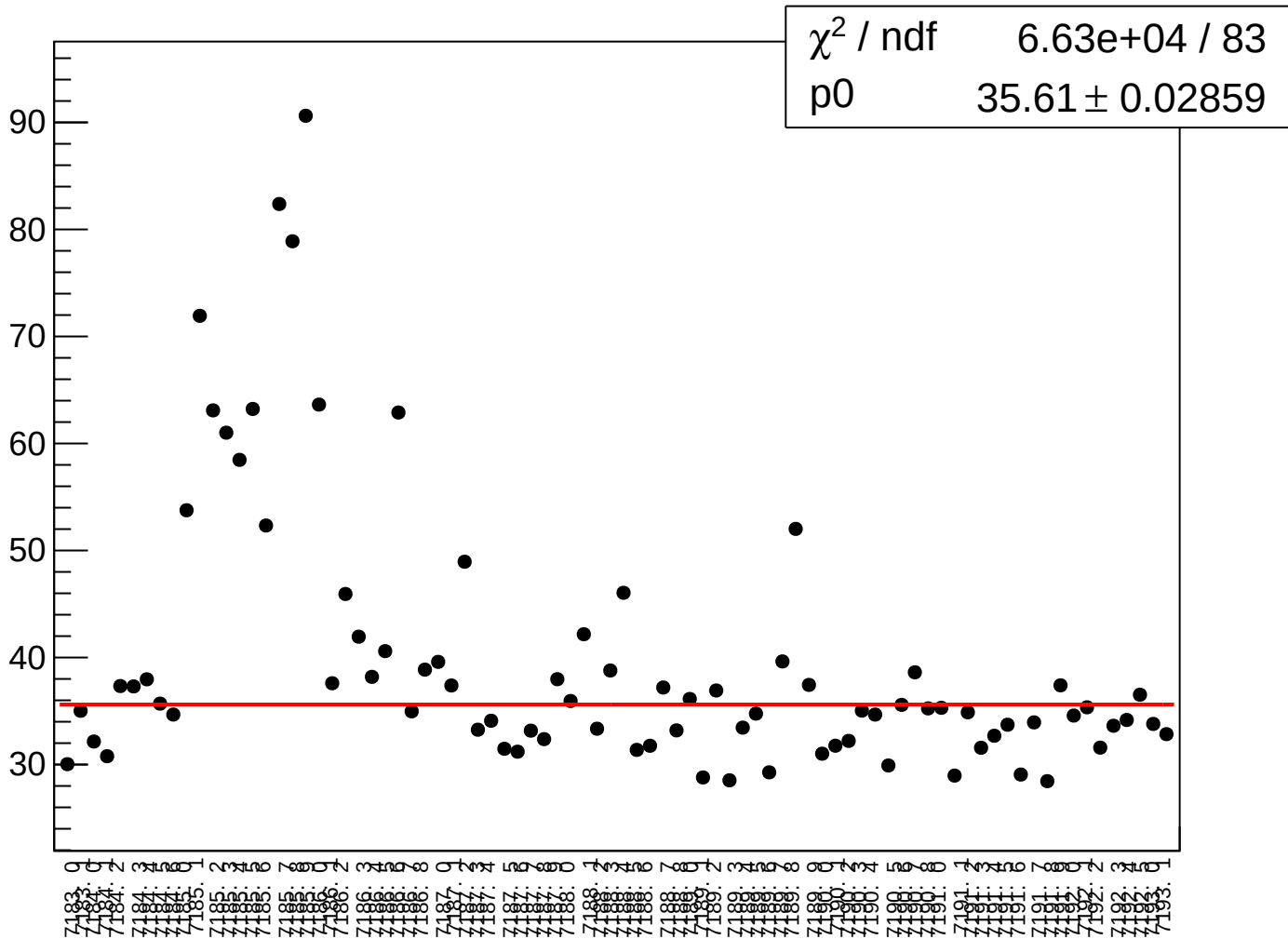
asym_sam_48_dd_reg_vs_cor_diff_rms vs run



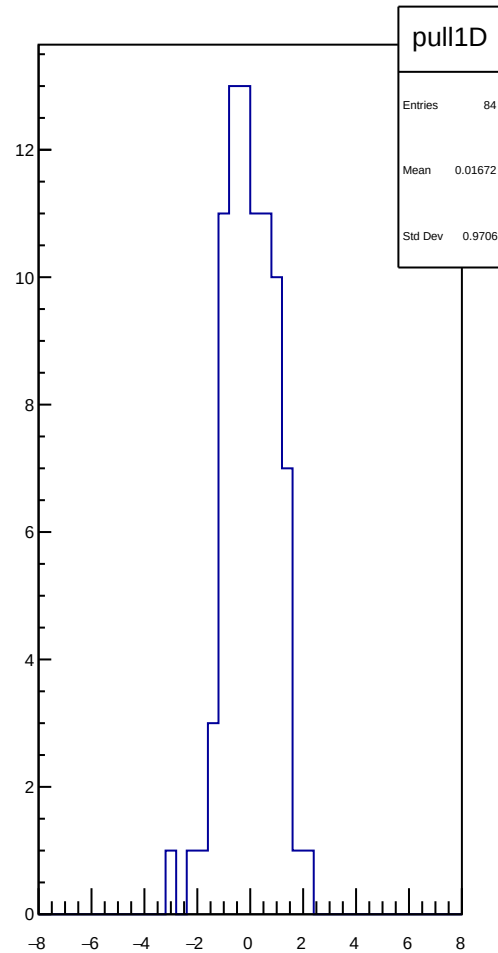
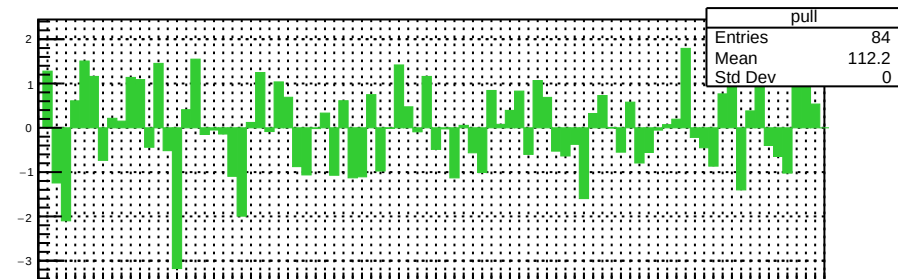
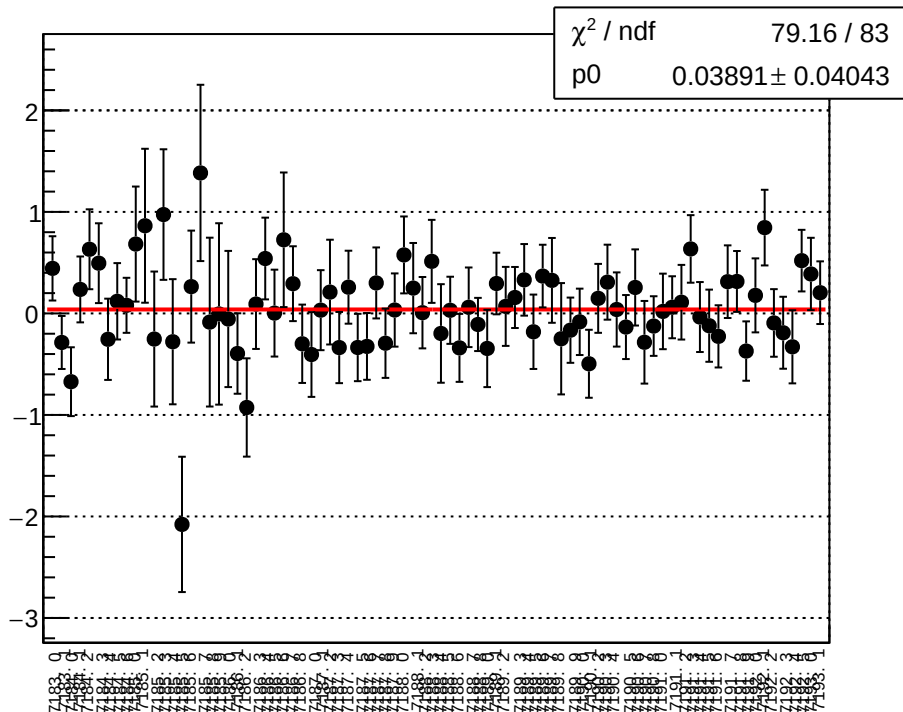
asym_sam_48_dd_dit_vs_cor_diff_mean vs run



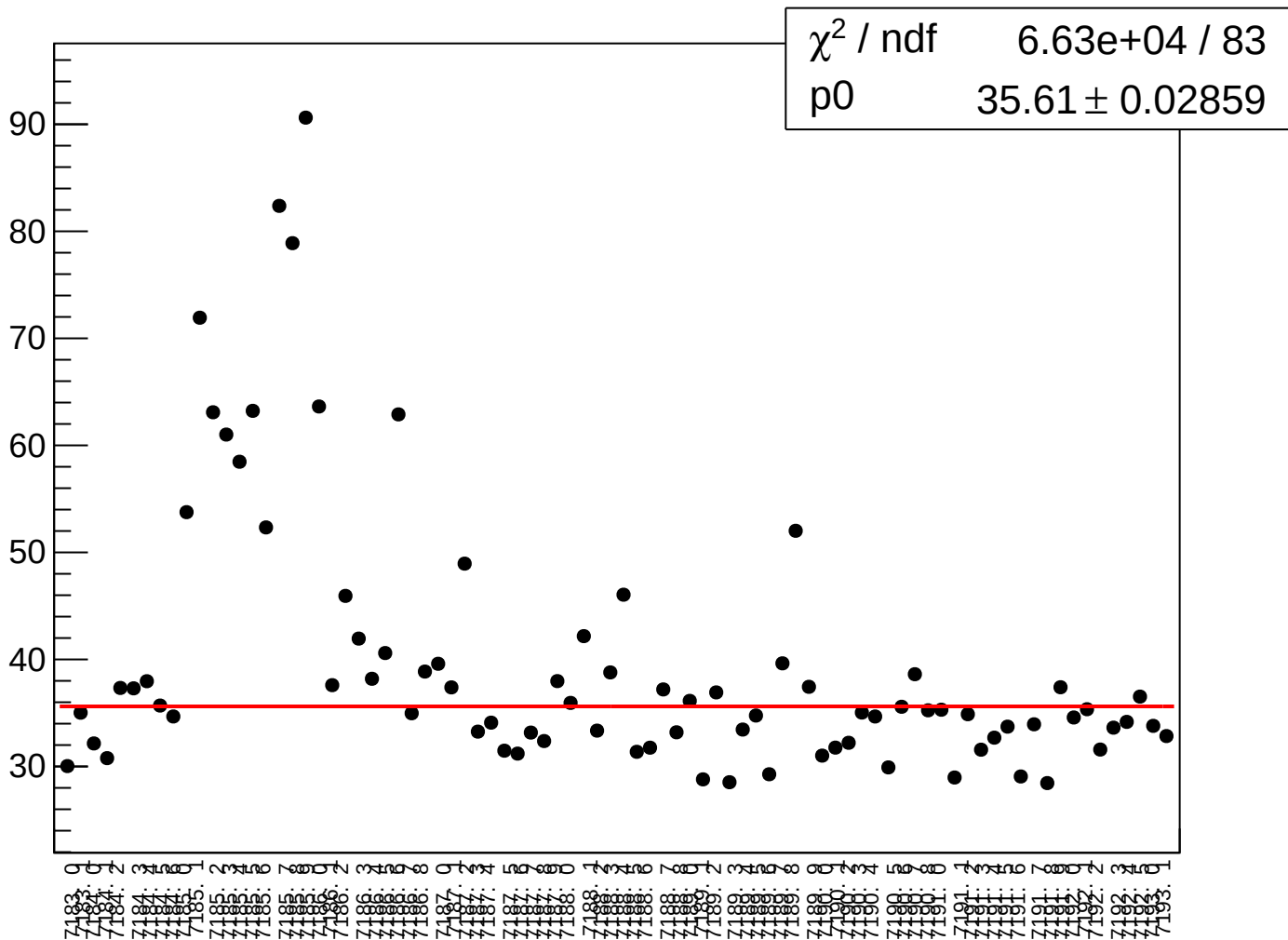
asym_sam_48_dd_dit_vs_cor_diff_rms vs run



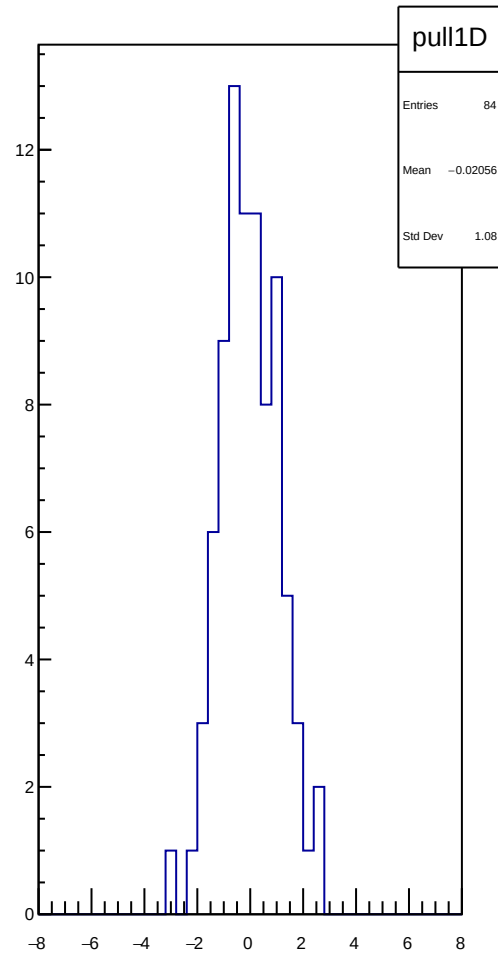
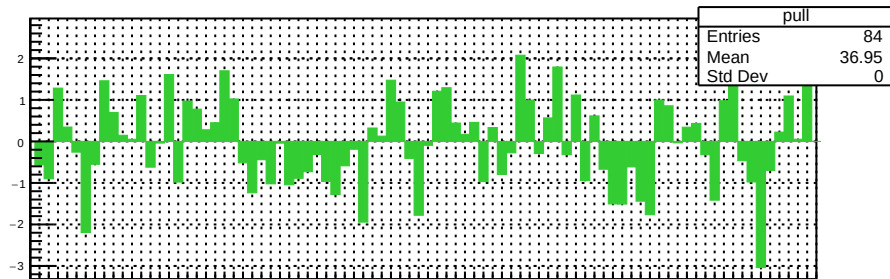
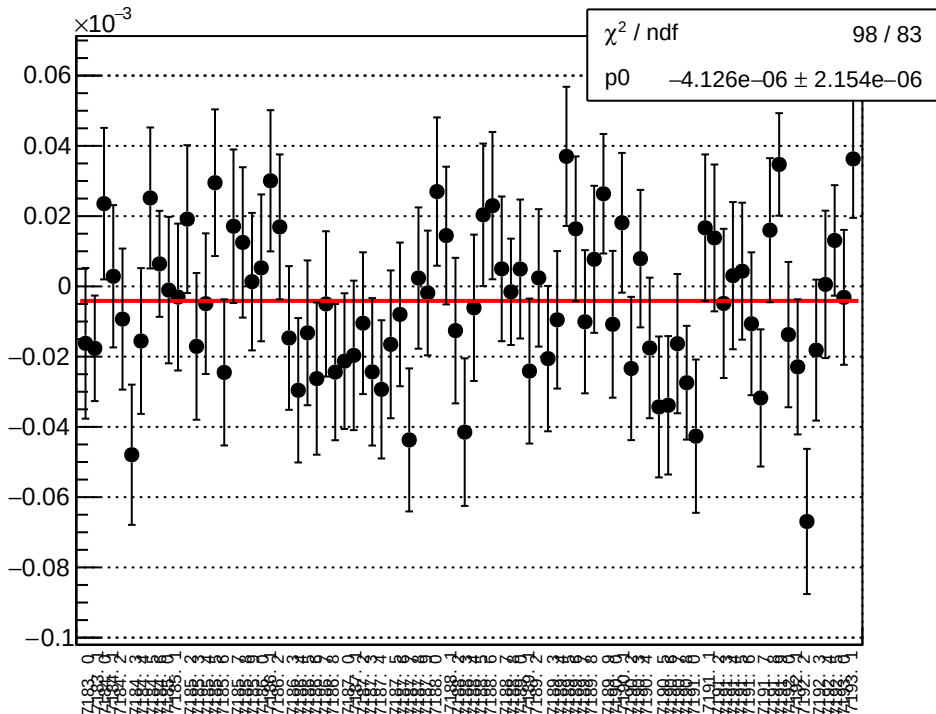
asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs run



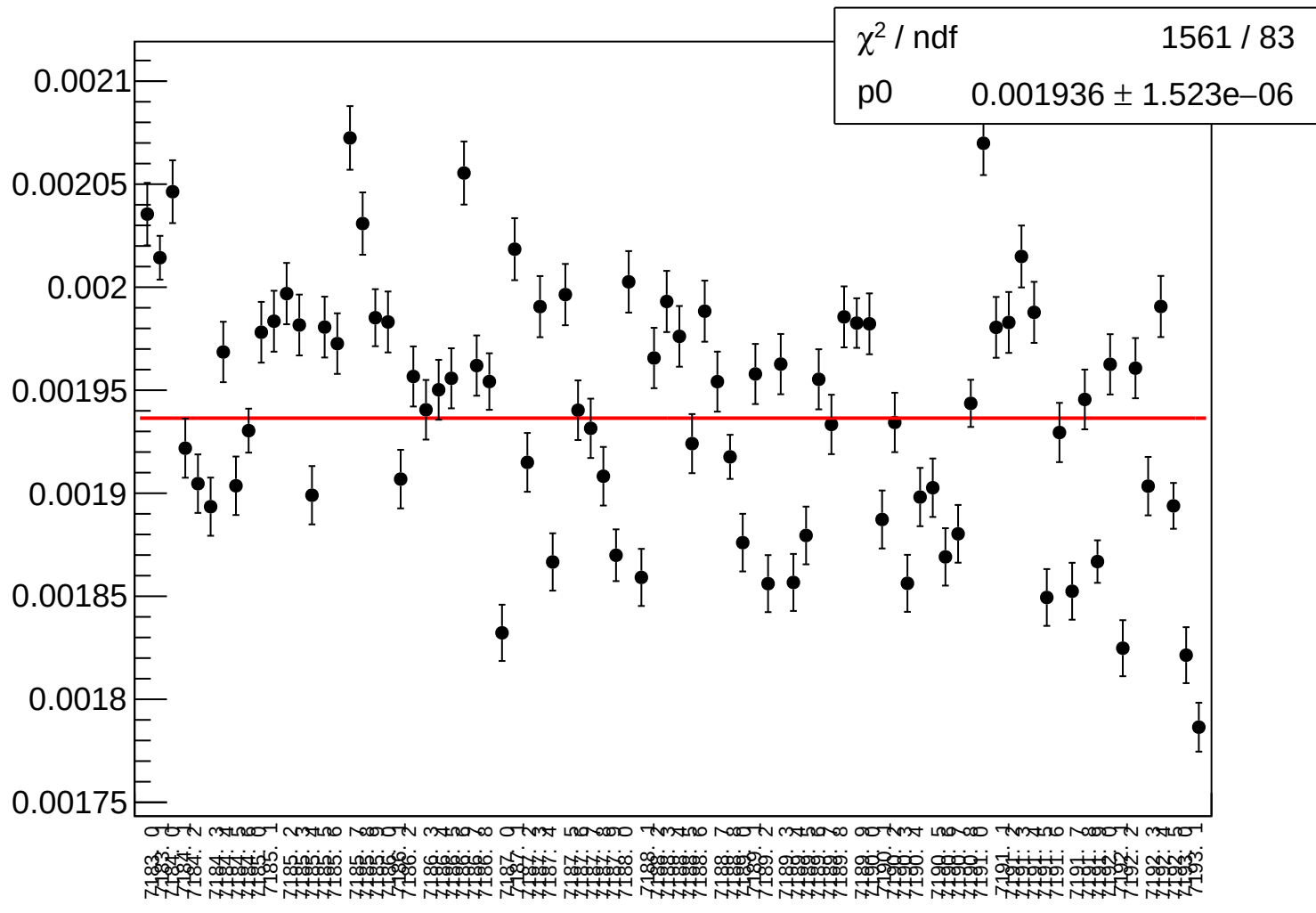
asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs run



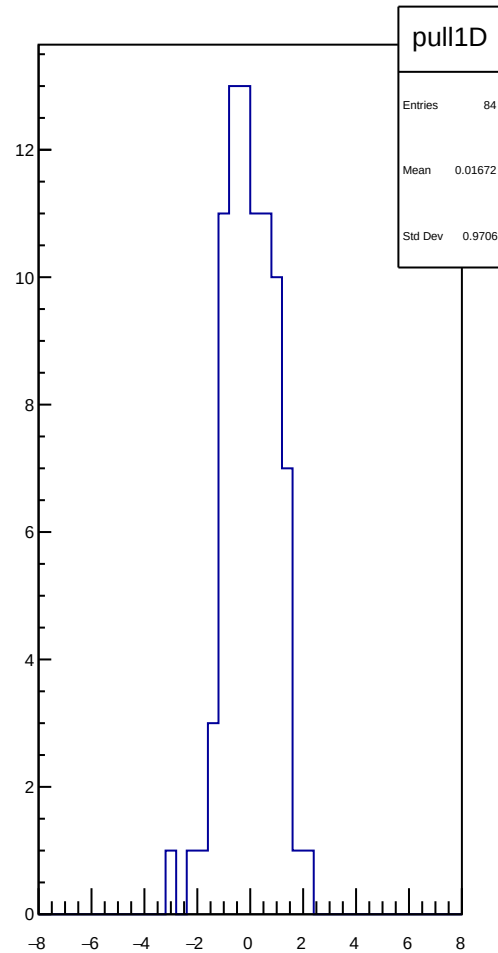
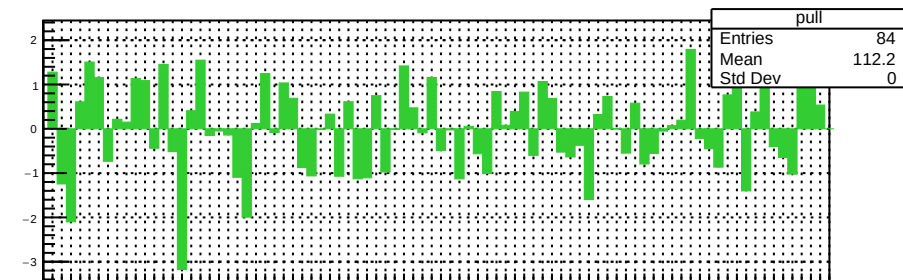
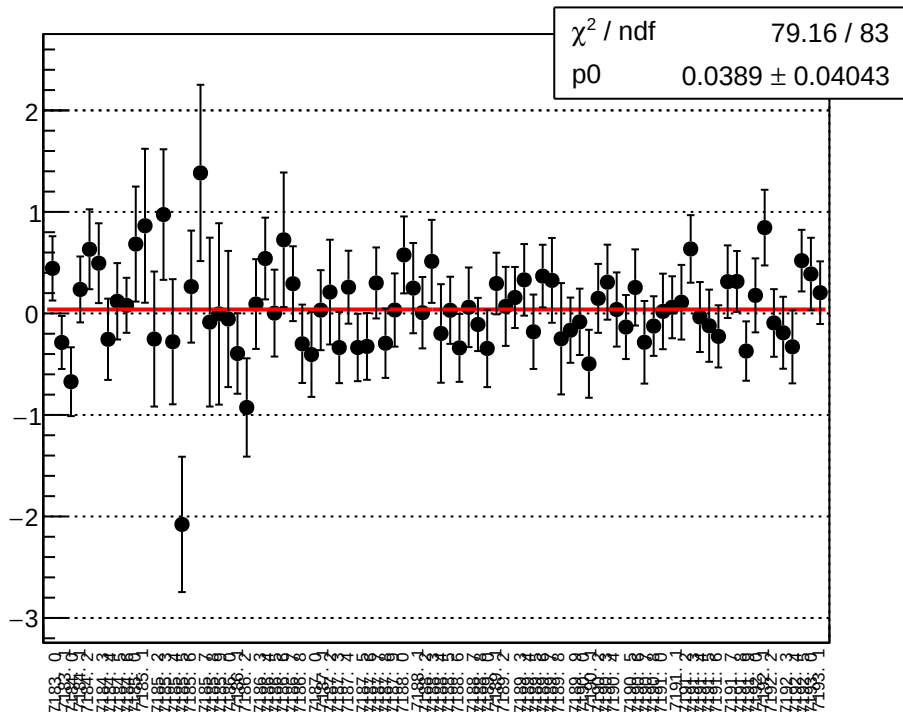
asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs run



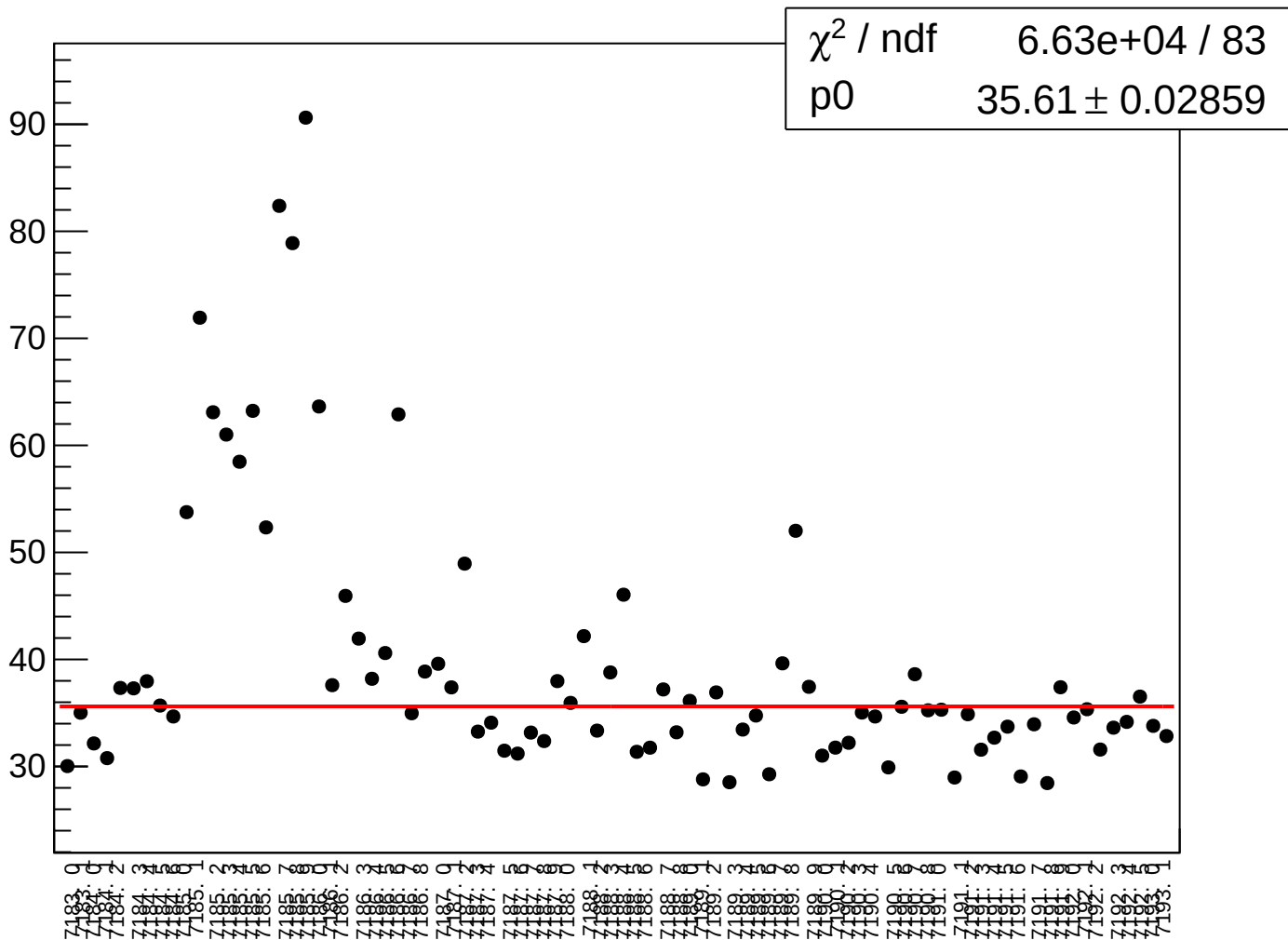
asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs run



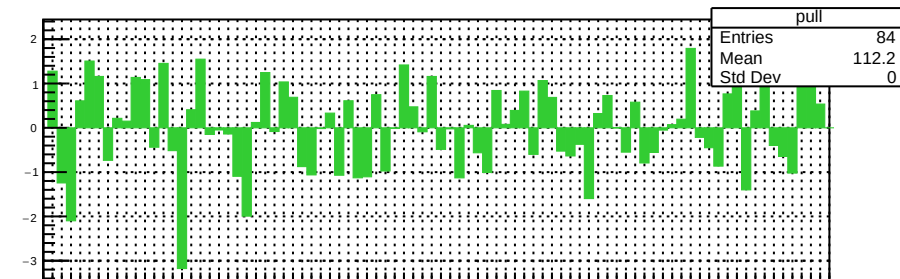
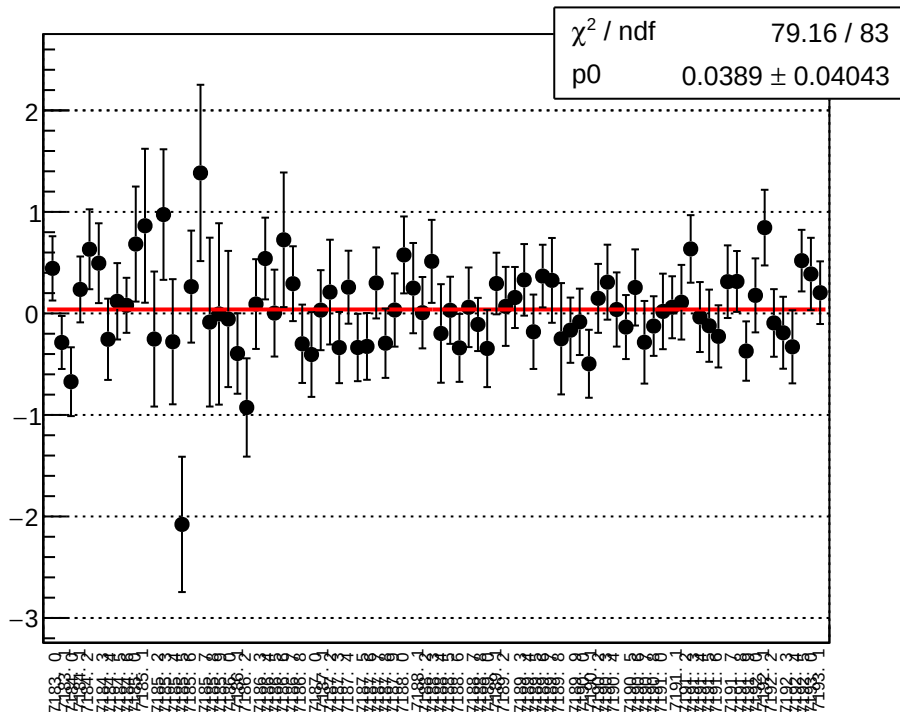
asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs run



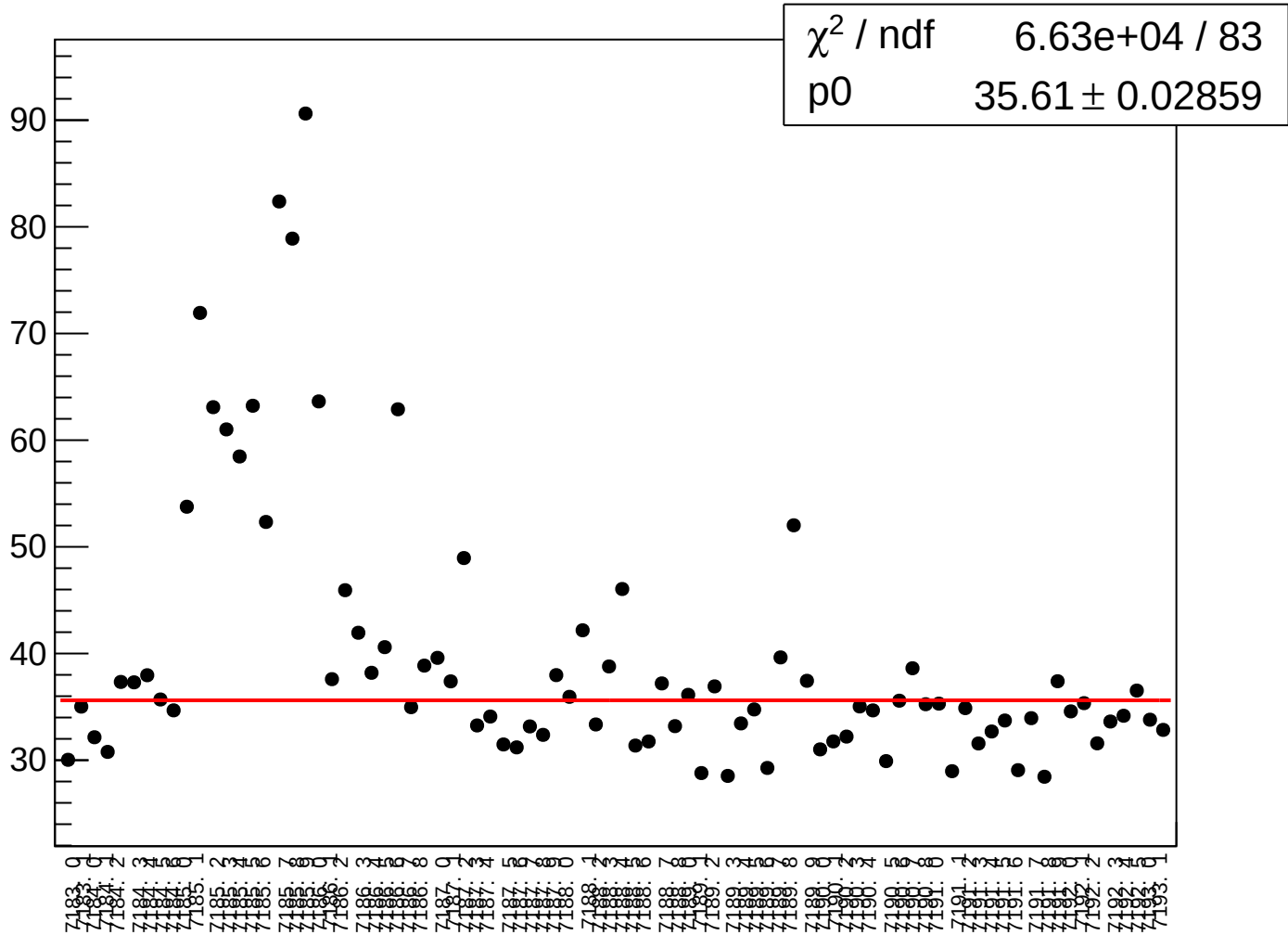
asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs run



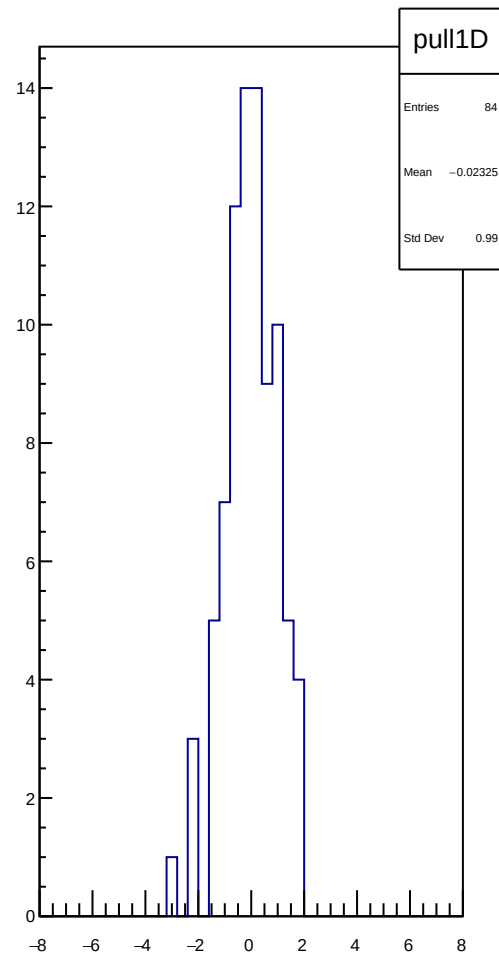
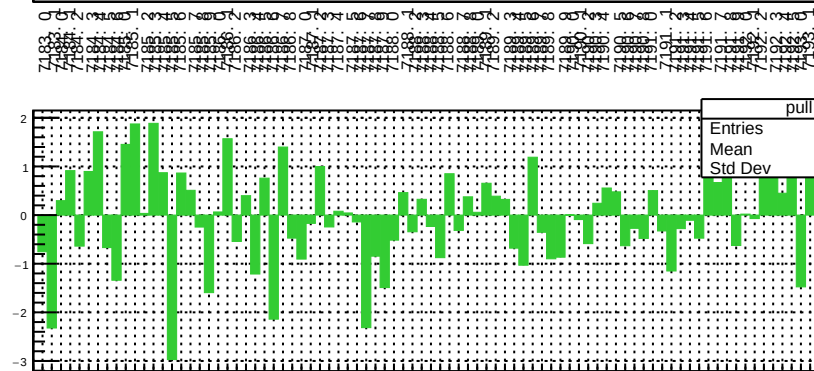
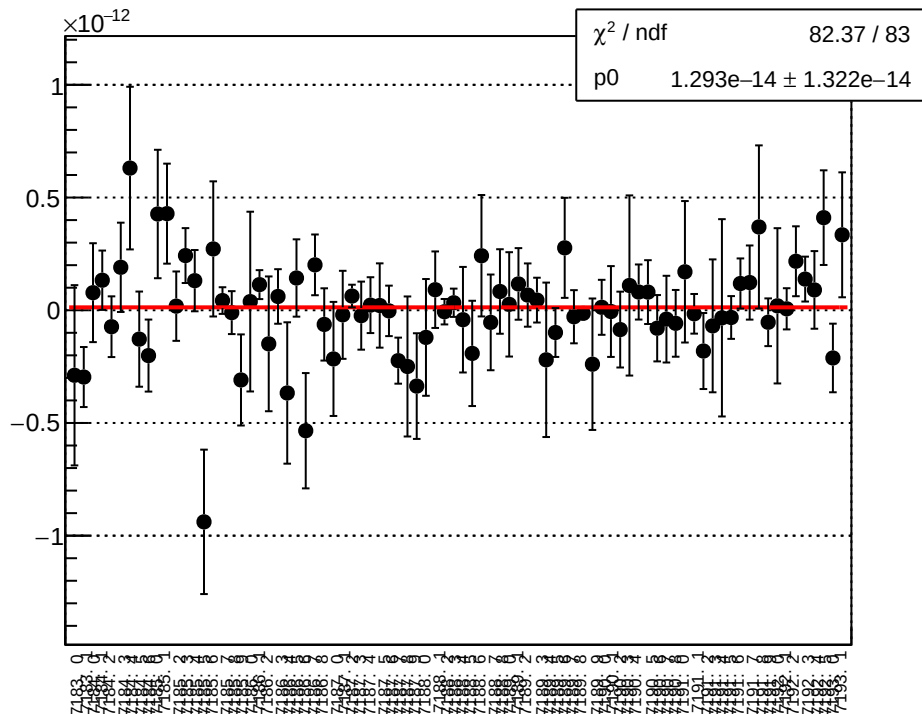
asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



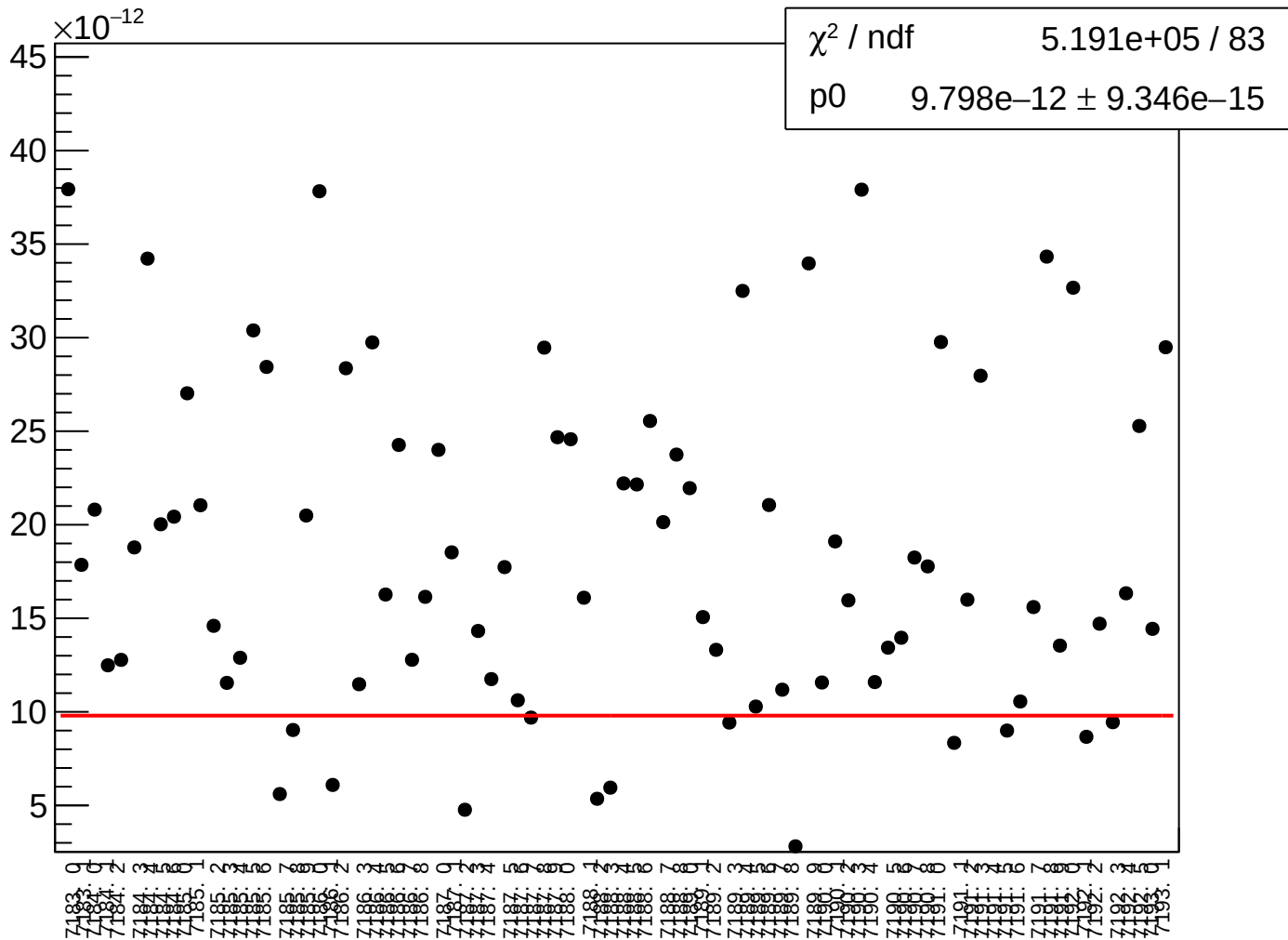
asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



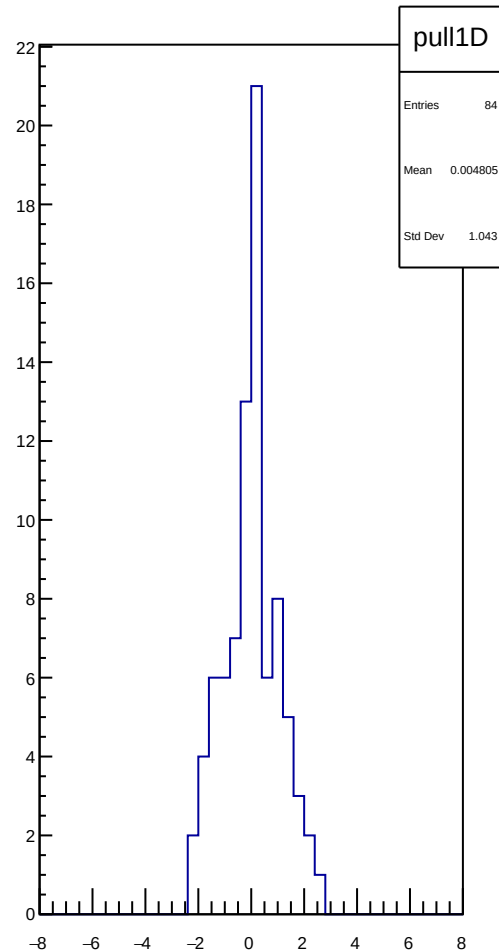
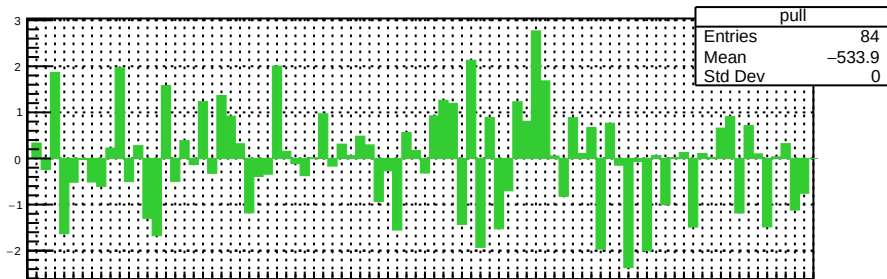
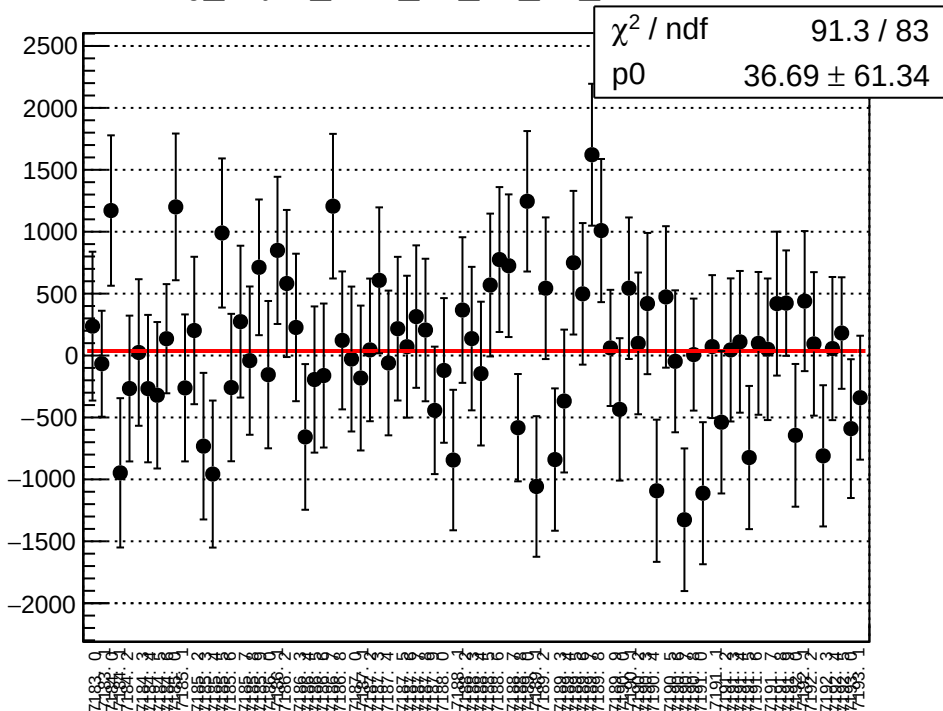
asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_13_57_dd_mean vs run



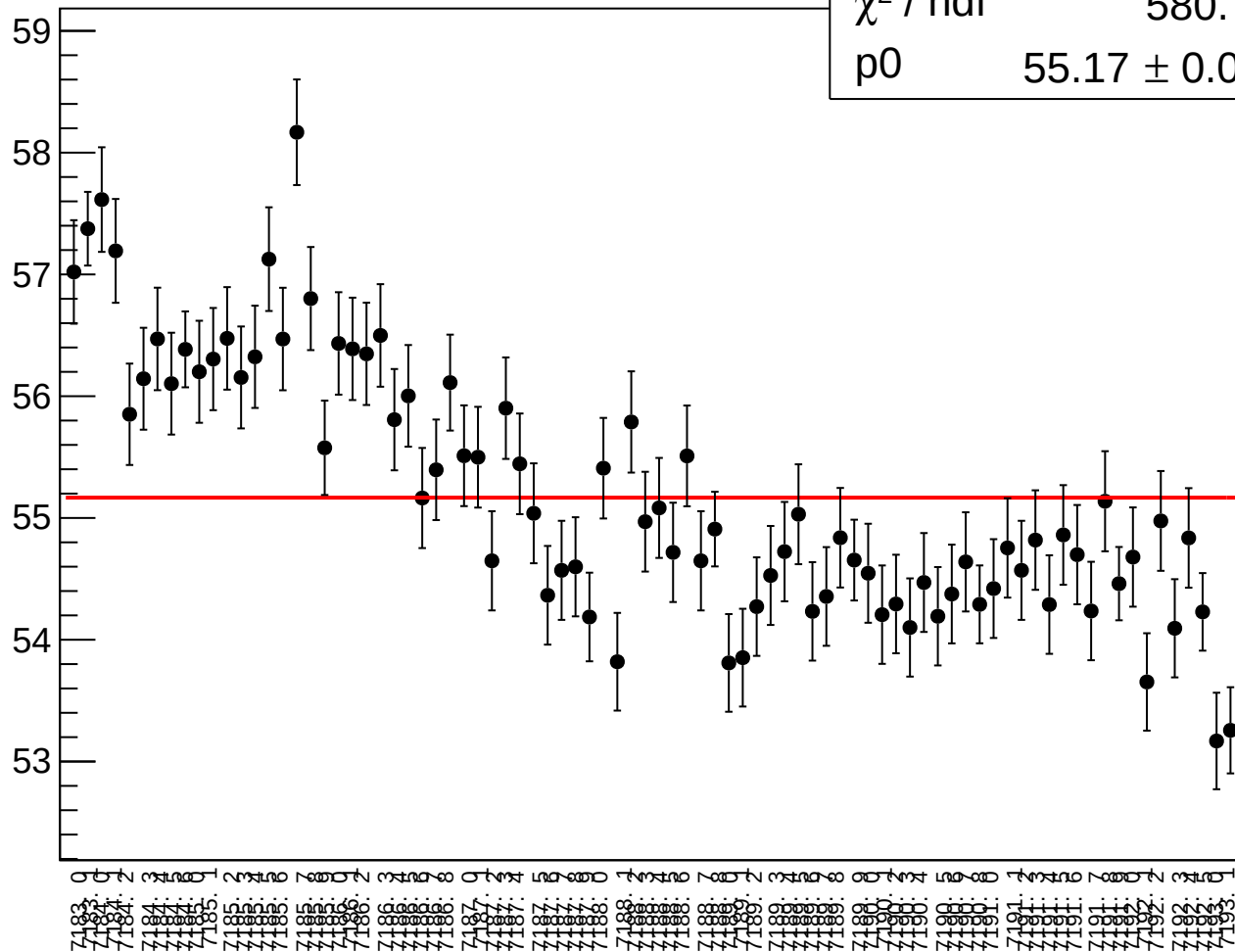
reg_asym_sam_13_57_dd_rms vs run

χ^2 / ndf

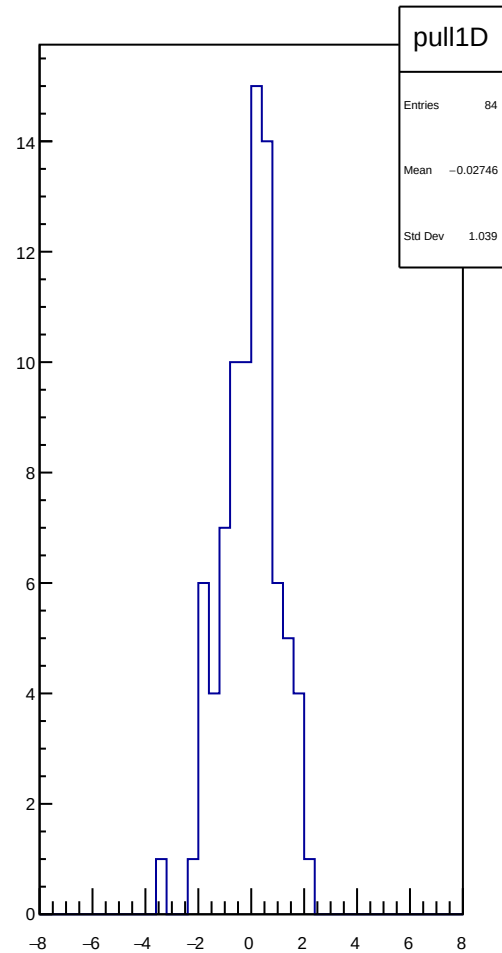
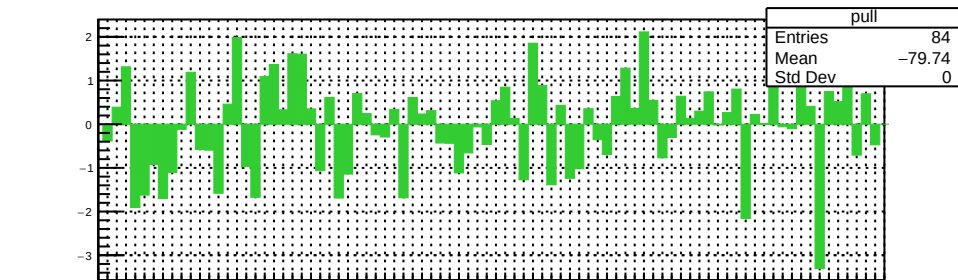
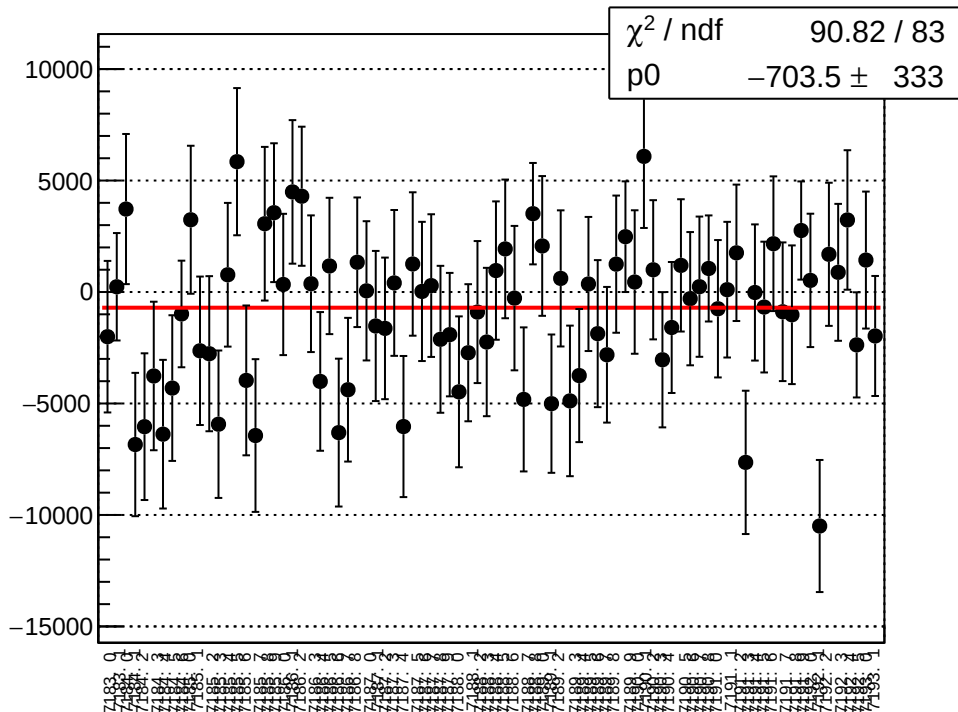
580.7 / 83

p0

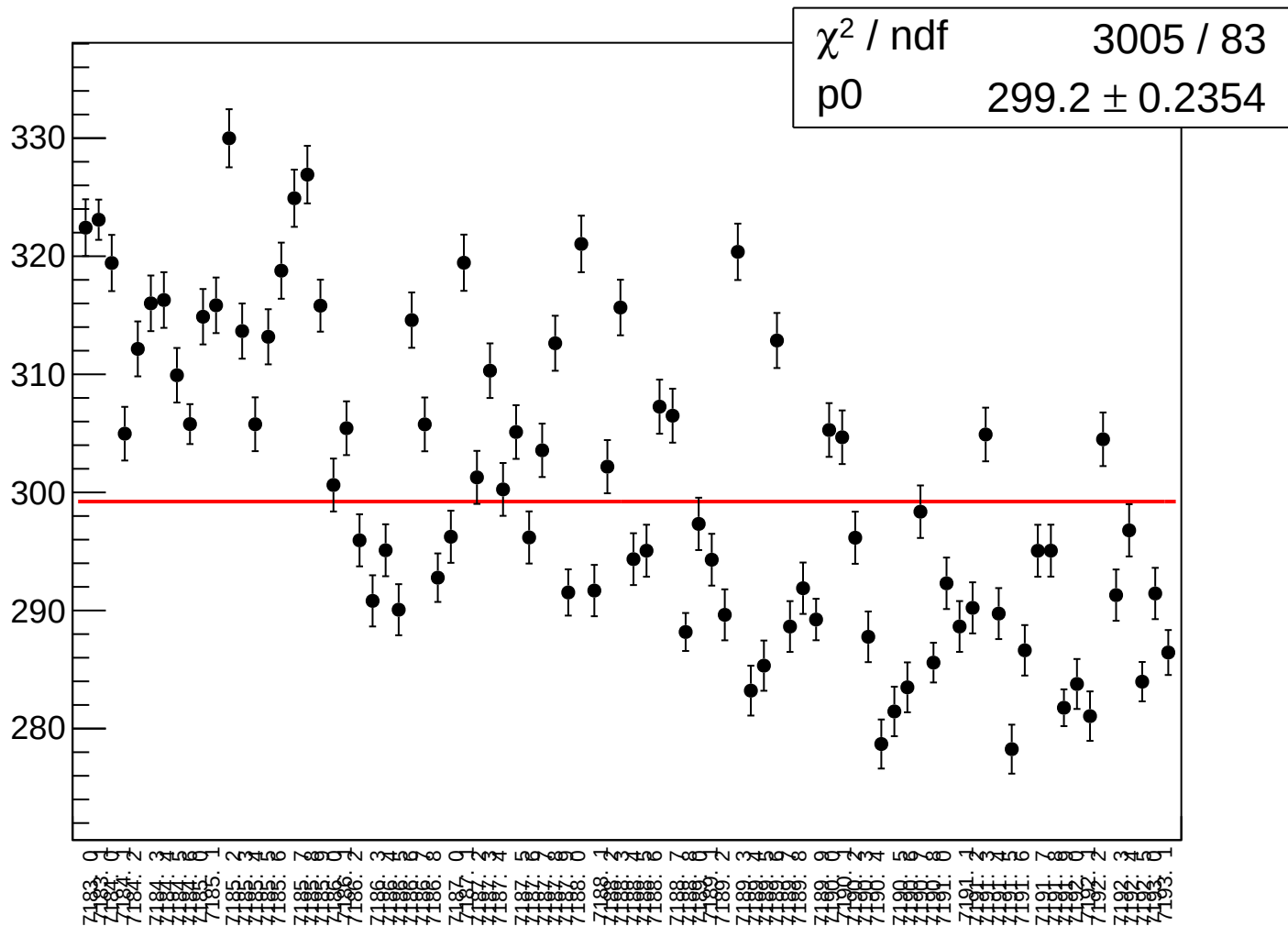
55.17 ± 0.04338



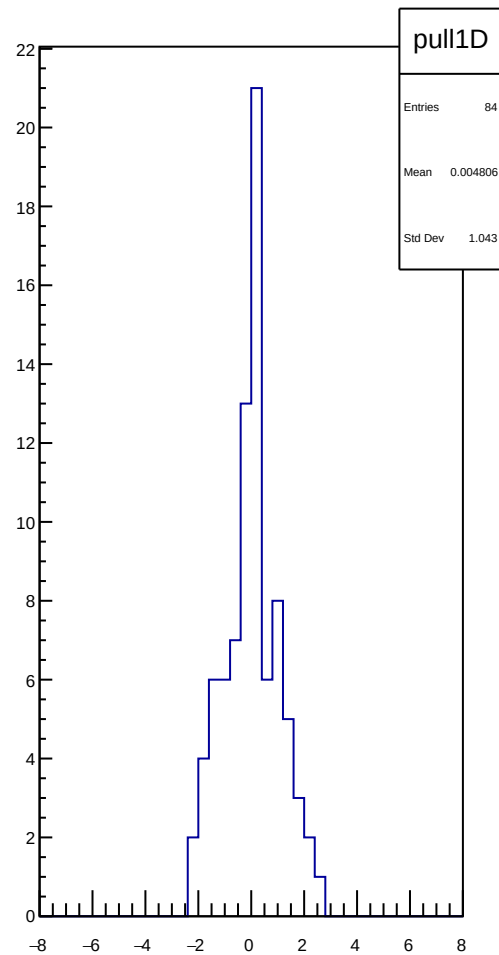
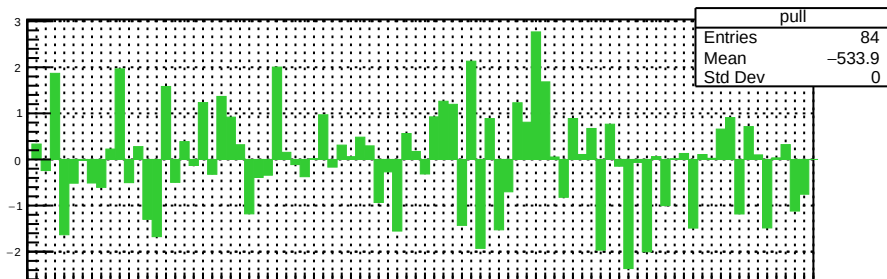
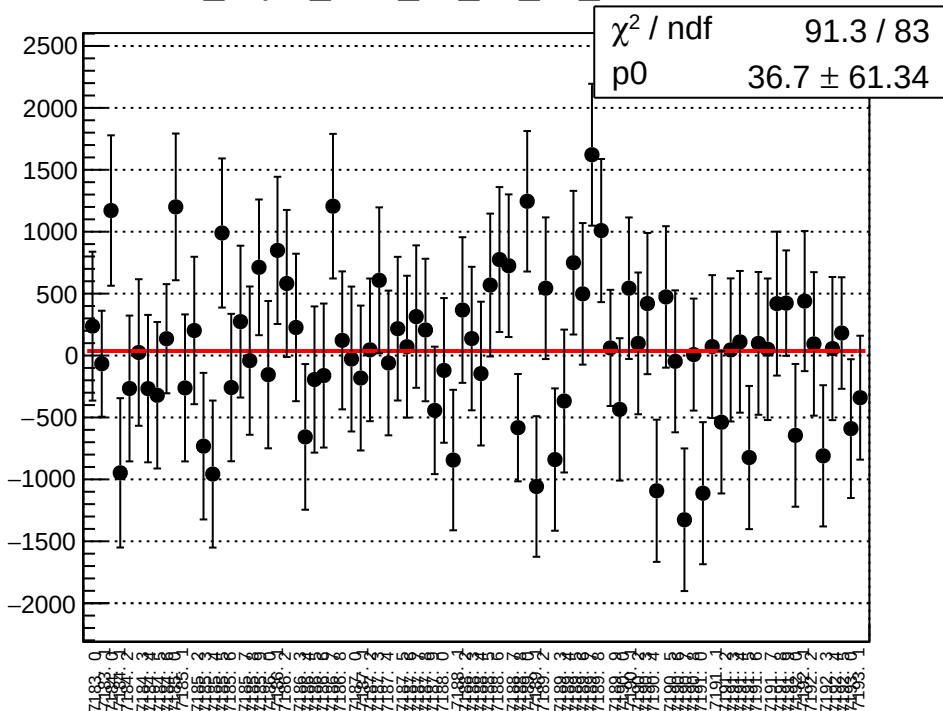
asym_sam_13_57_dd_reg_correction_mean vs run



asym_sam_13_57_dd_reg_correction_rms vs run



cor_asym_sam_13_57_dd_mean vs run



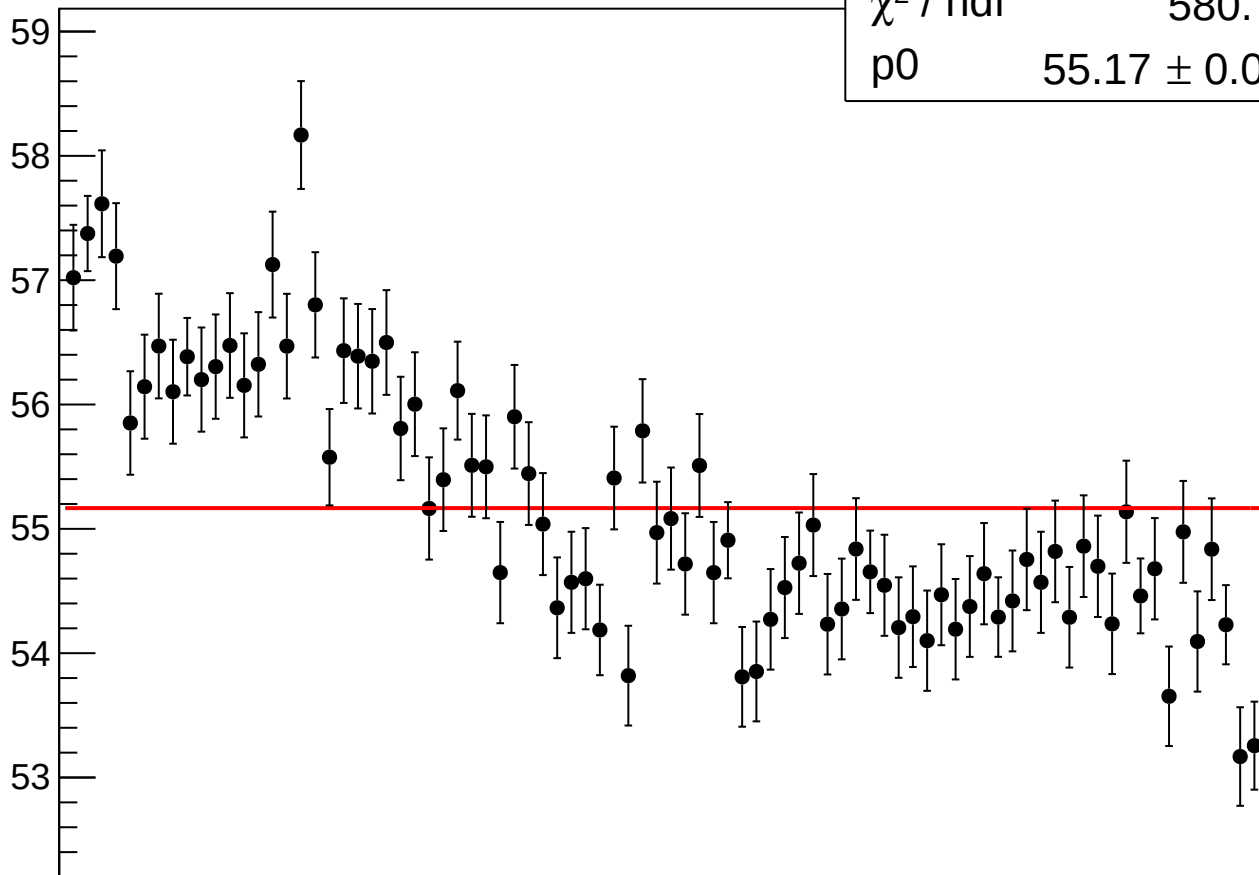
cor_asym_sam_13_57_dd_rms vs run

χ^2 / ndf

580.7 / 83

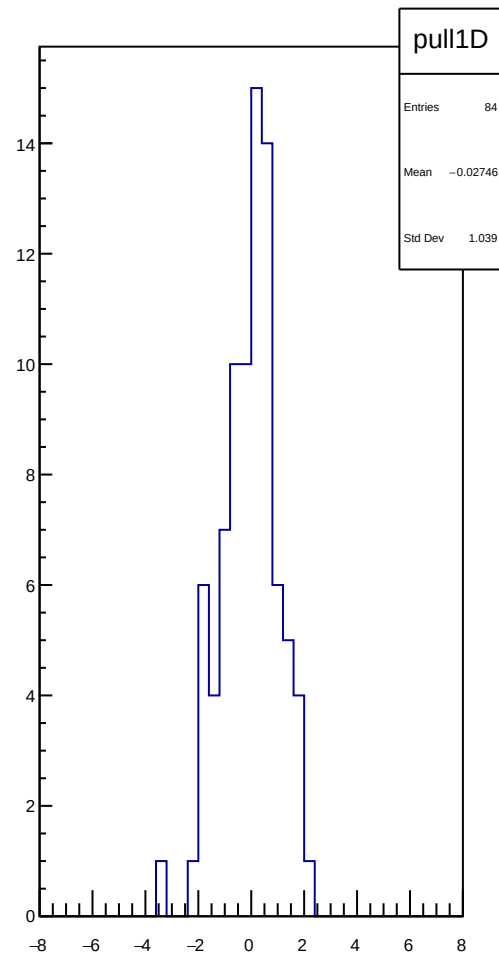
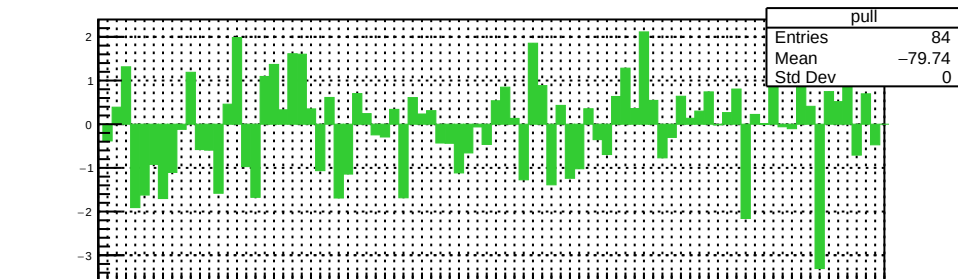
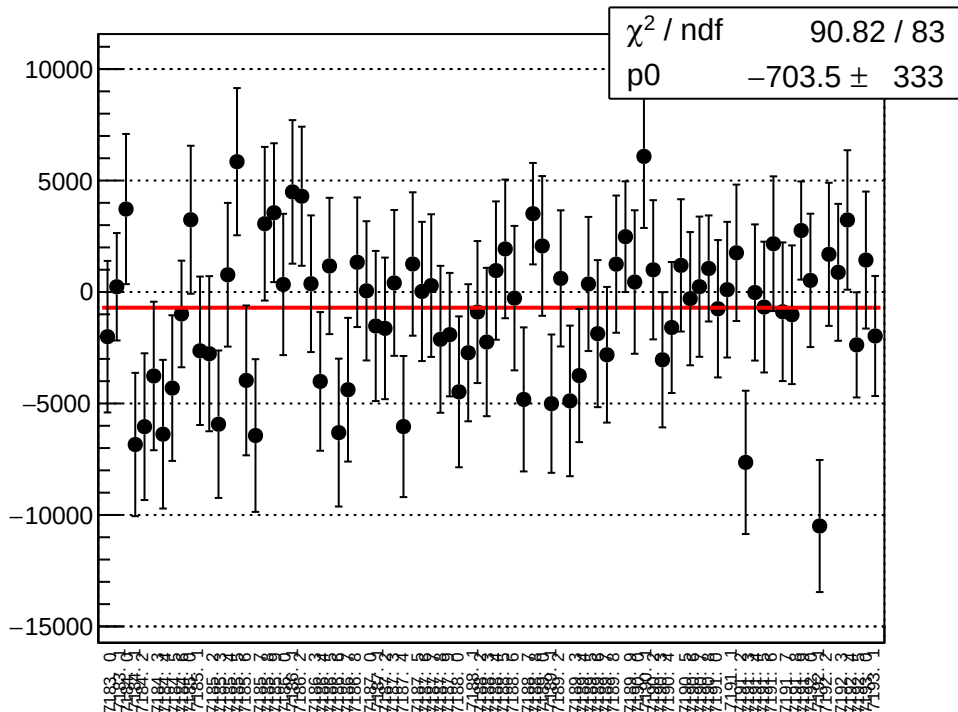
p0

55.17 ± 0.04338

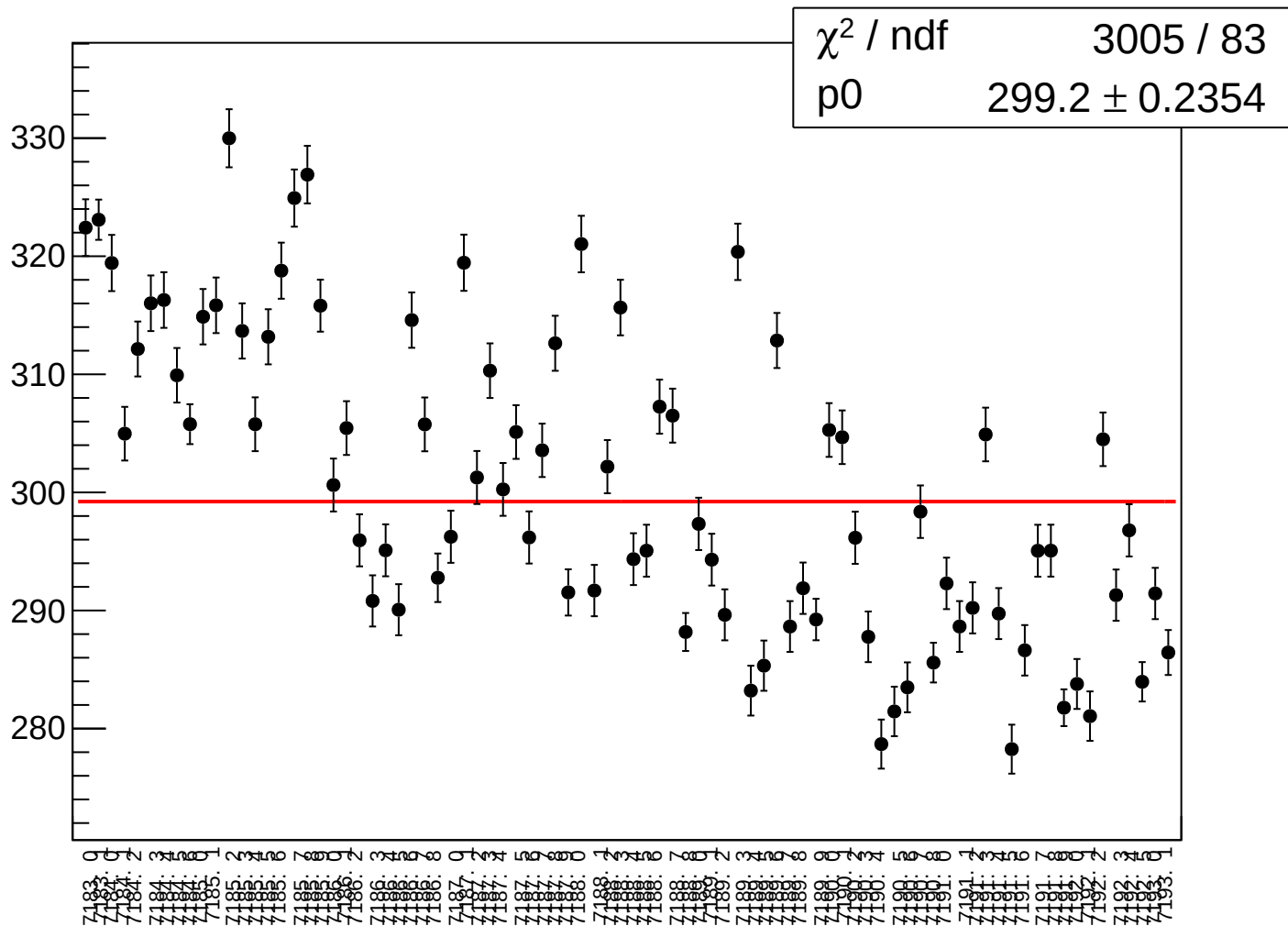


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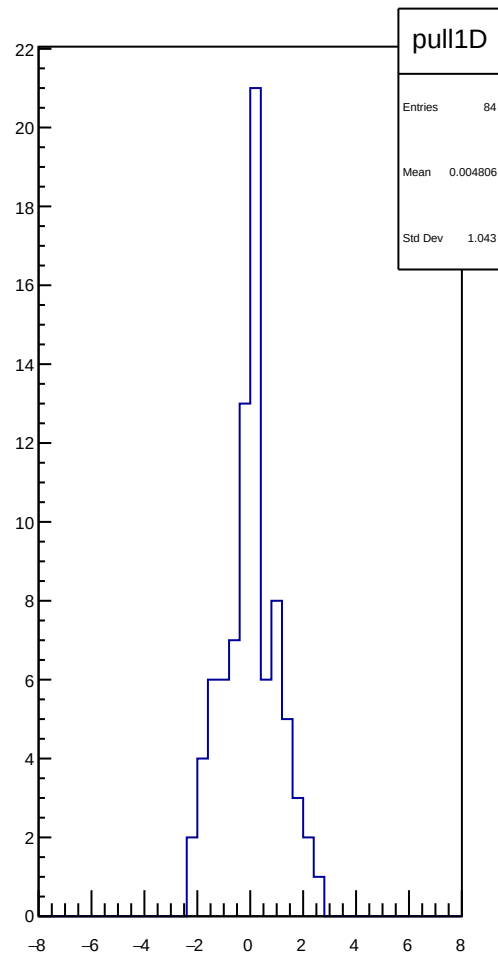
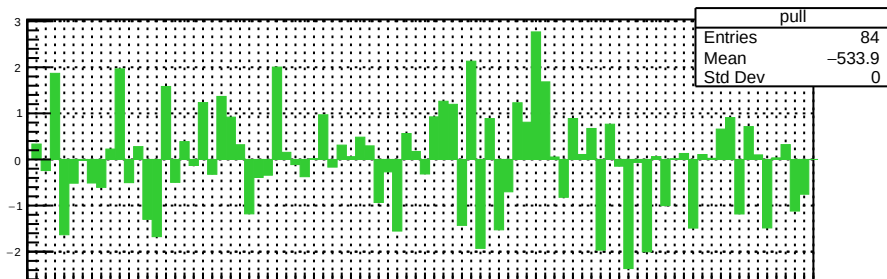
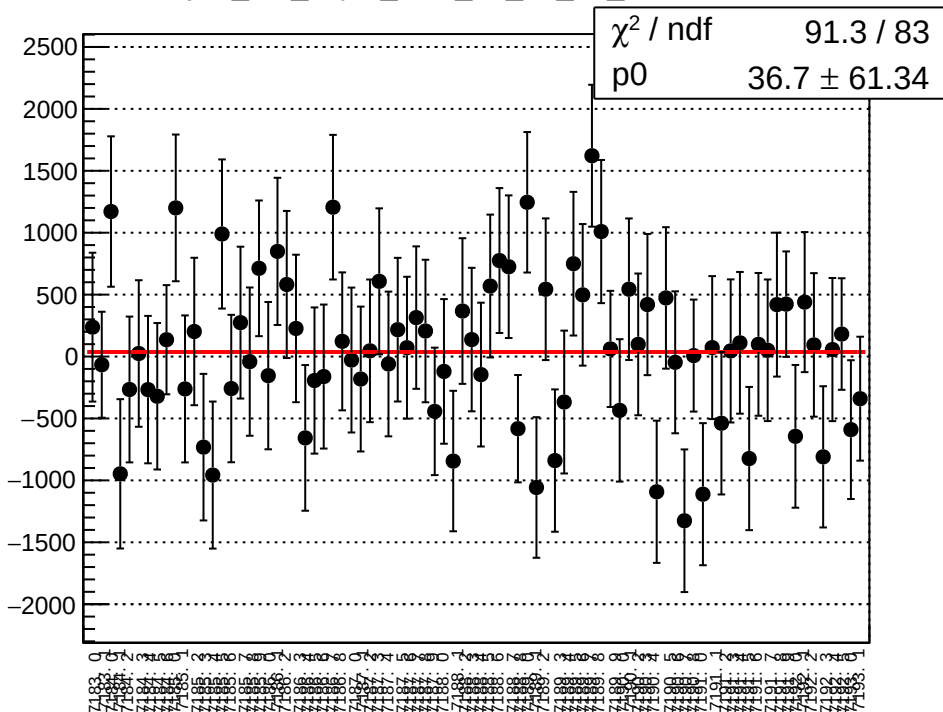
asym_sam_13_57_dd_cor_correction_mean vs run



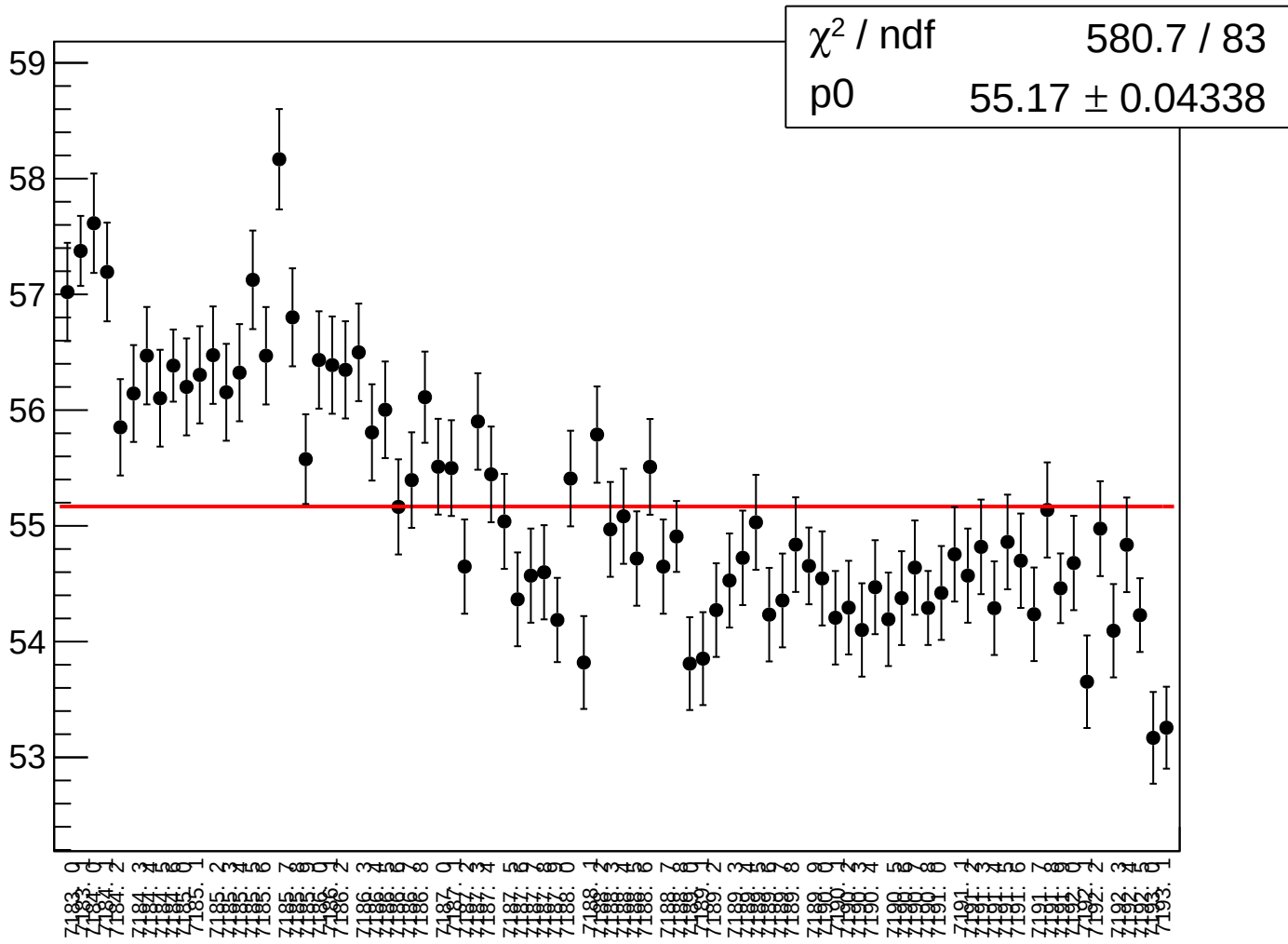
asym_sam_13_57_dd_cor_correction_rms vs run



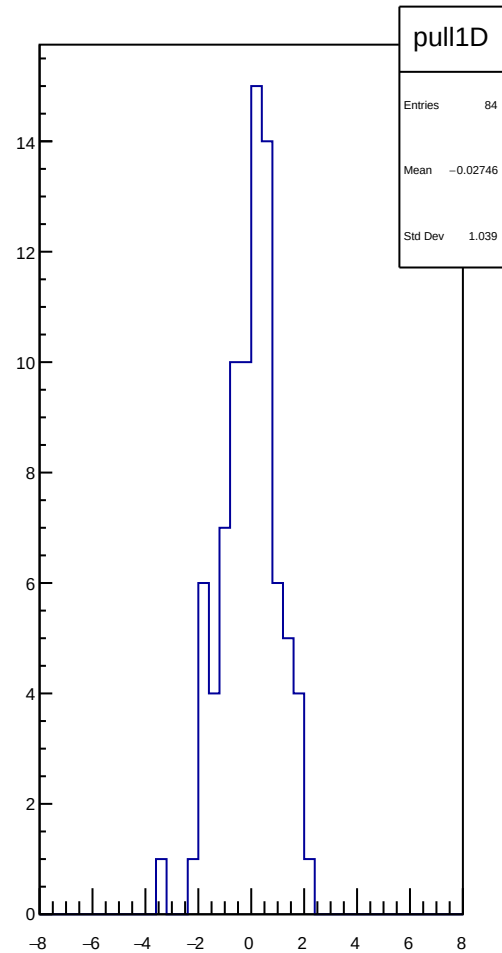
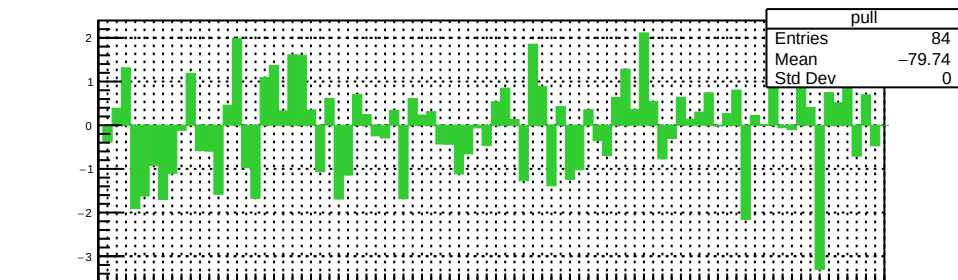
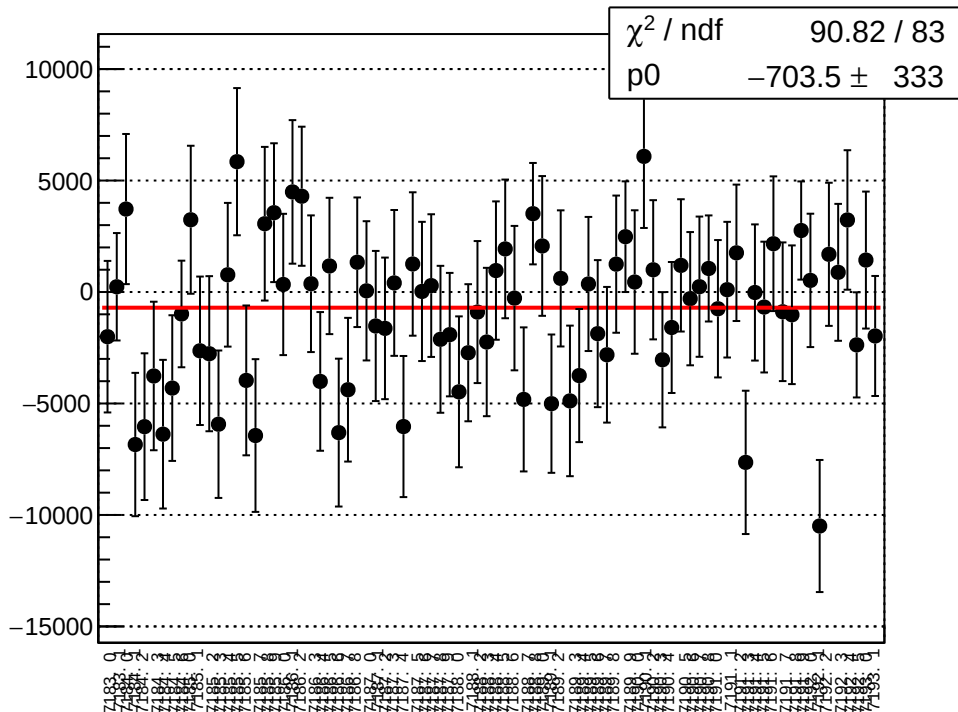
eigen_cor_asym_sam_13_57_dd_mean vs run



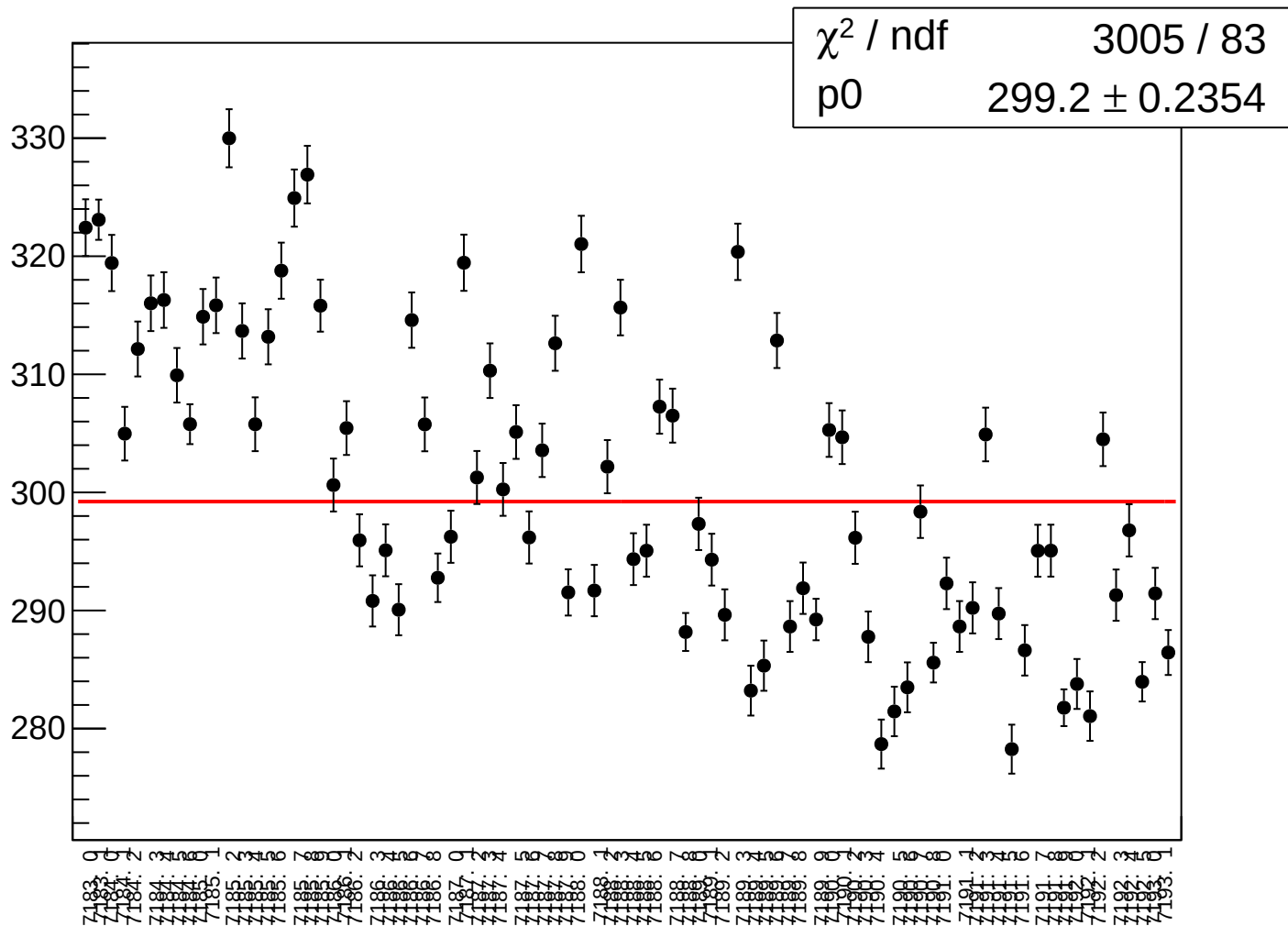
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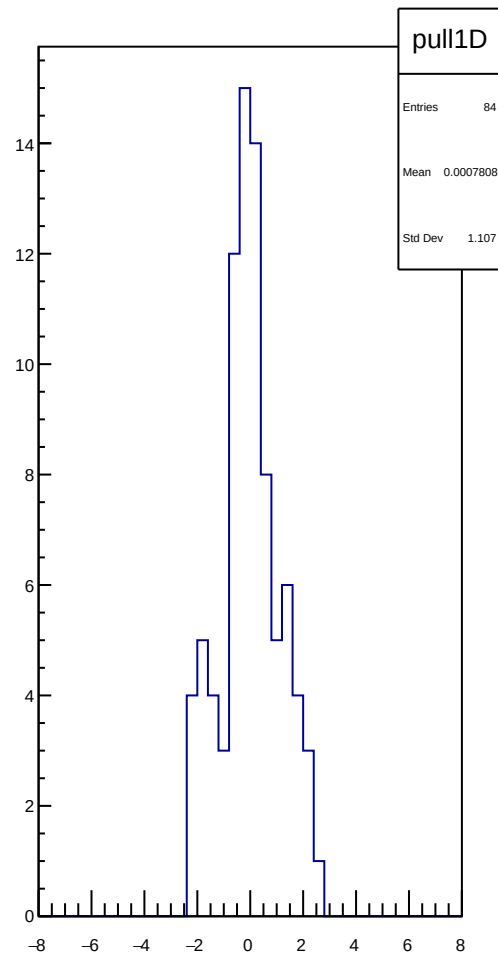
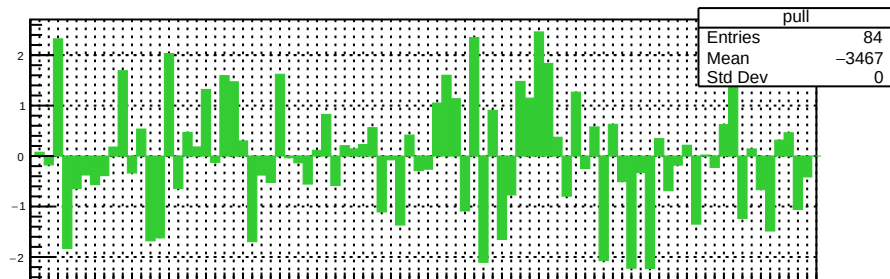
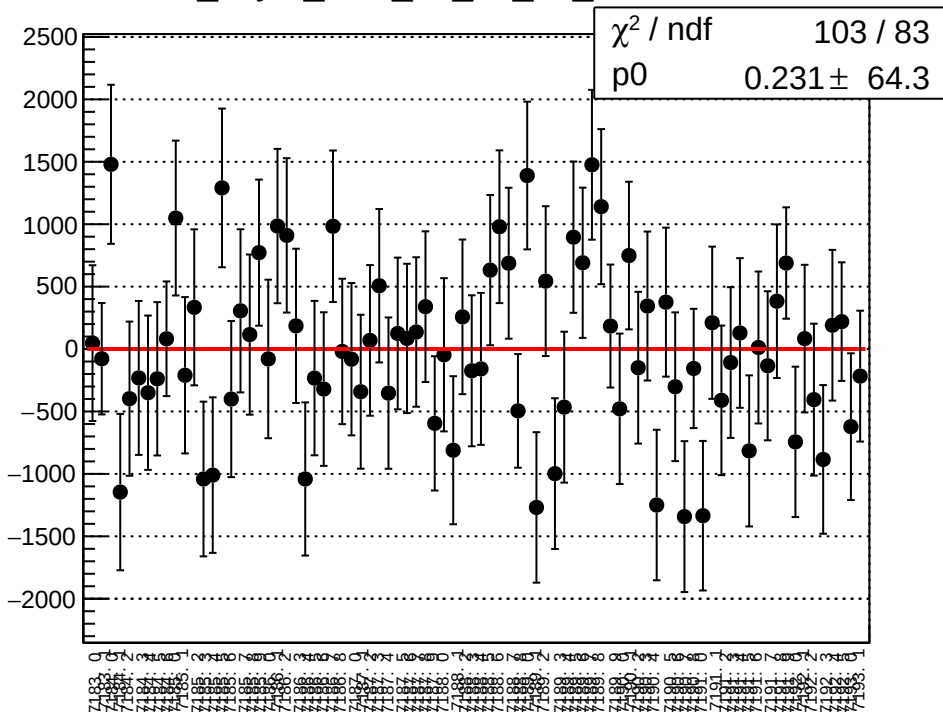
asym_sam_13_57_dd_eigen_cor_correction_mean vs run



asym_sam_13_57_dd_eigen_cor_correction_rms vs run



dit_asym_sam_13_57_dd_mean vs run



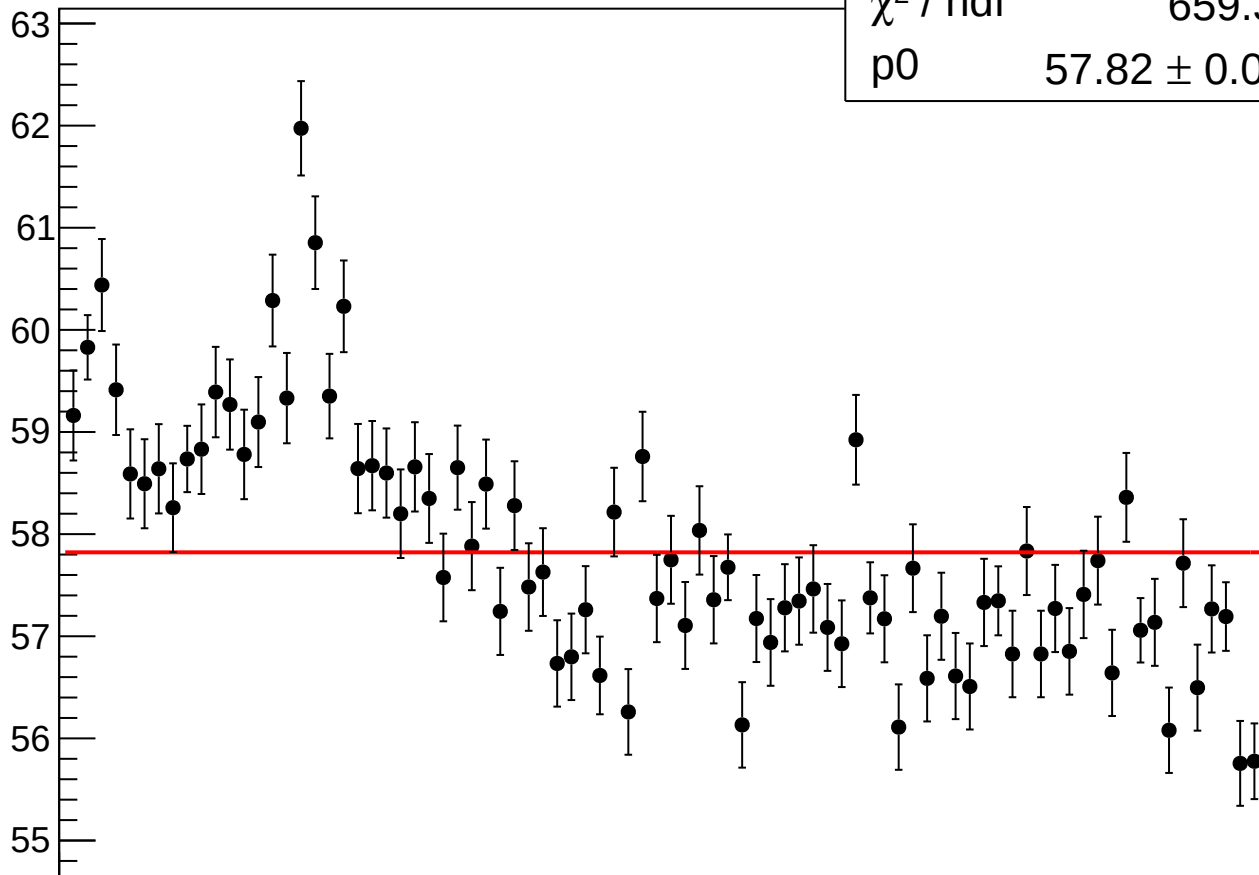
dit_asym_sam_13_57_dd_rms vs run

χ^2 / ndf

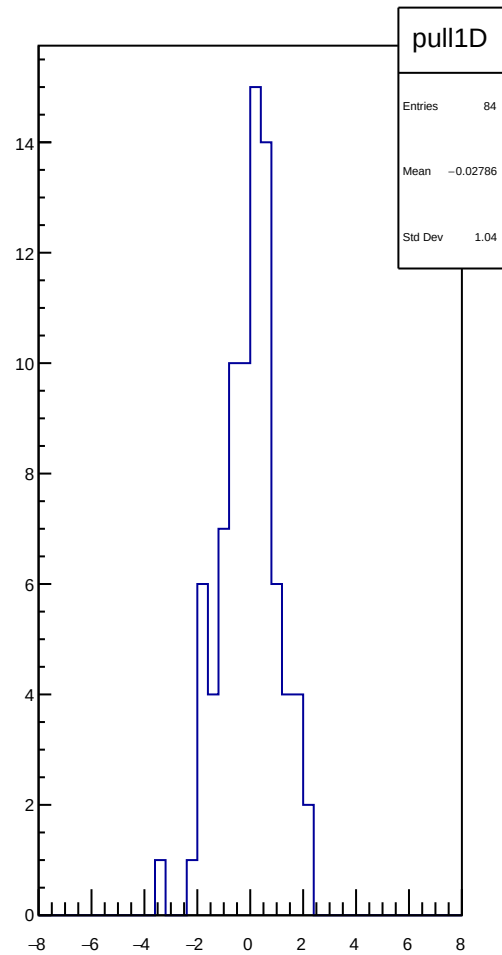
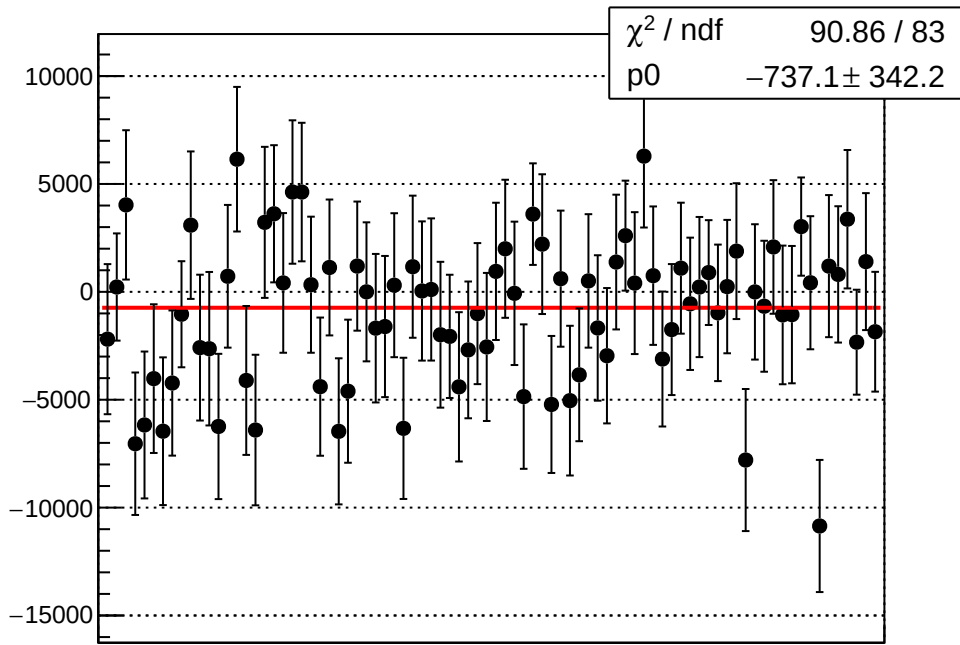
659.3 / 83

p0

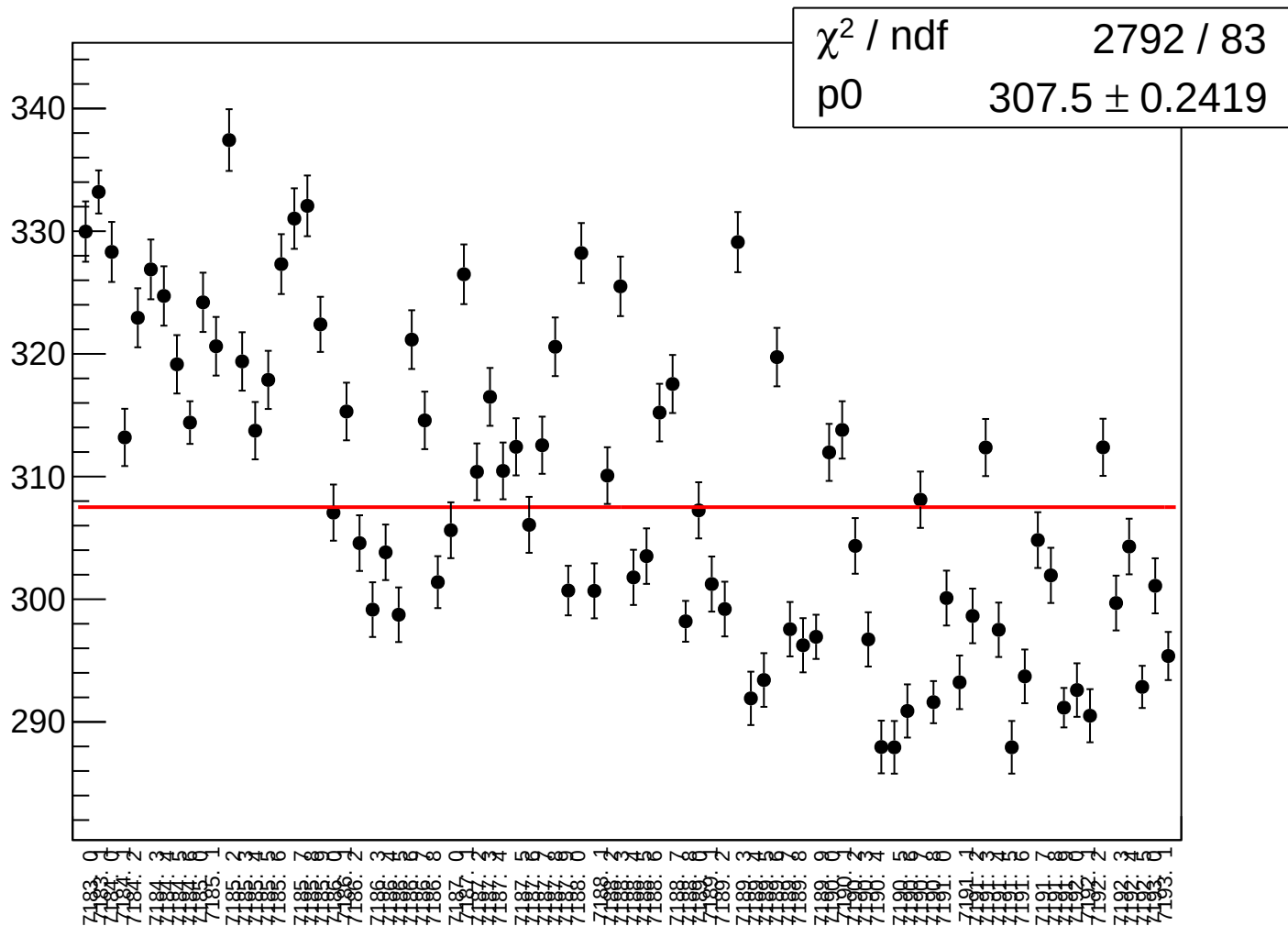
57.82 ± 0.04546



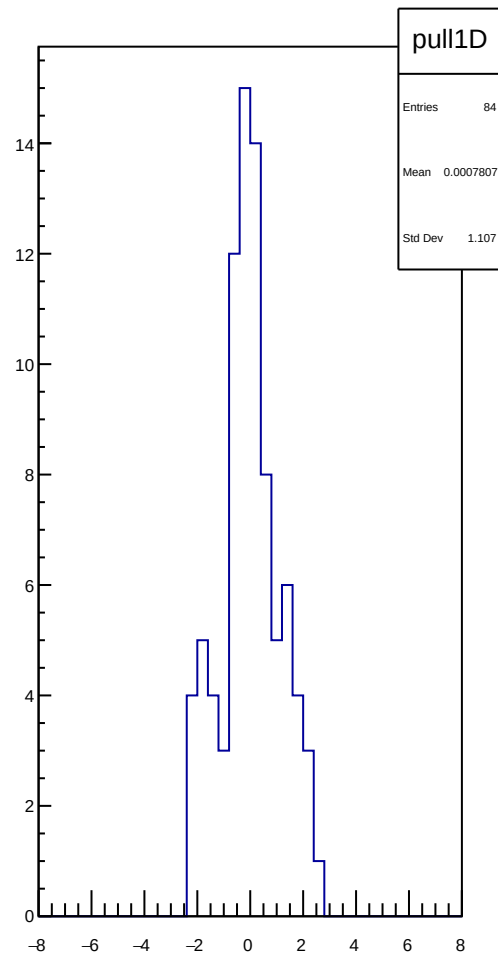
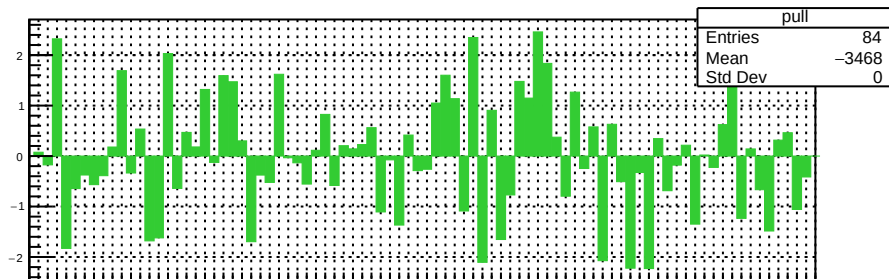
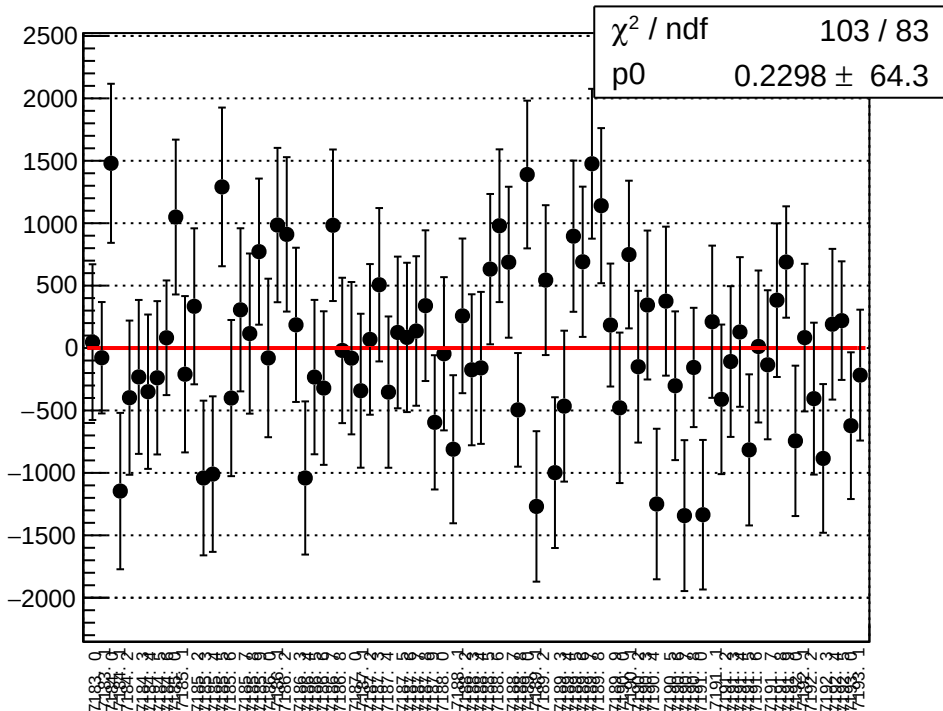
asym sam 13 57 dd dit correction mean vs run



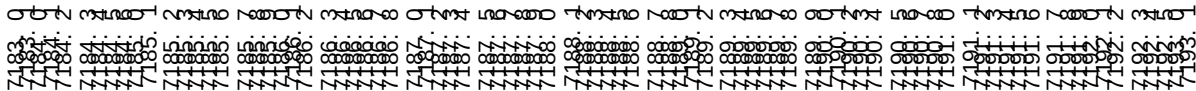
asym_sam_13_57_dd_dit_correction_rms vs run



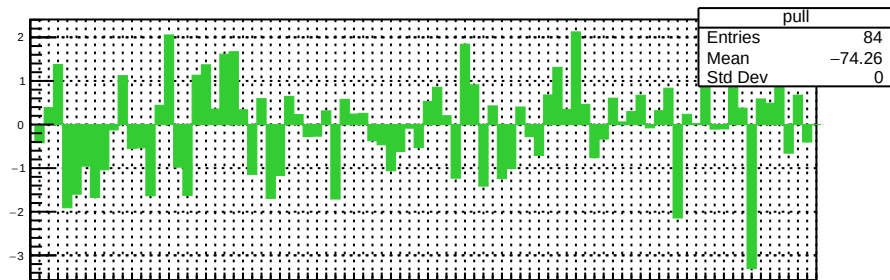
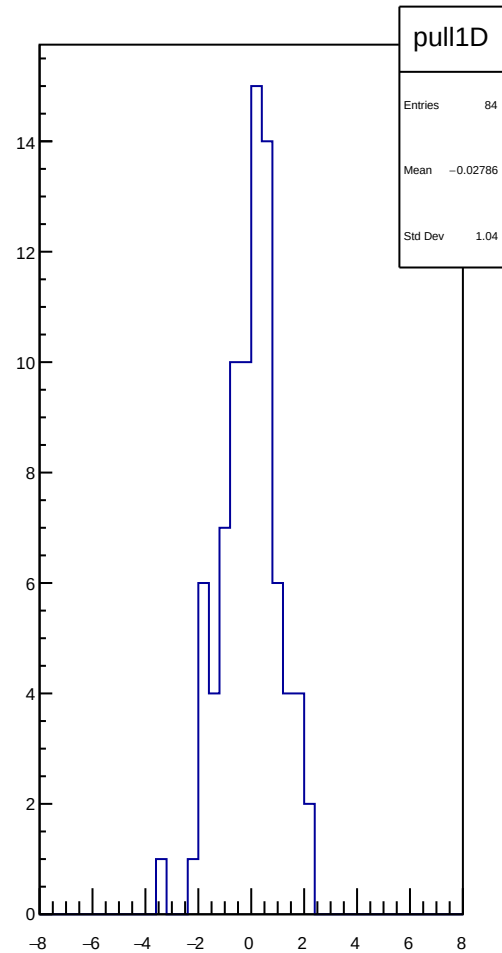
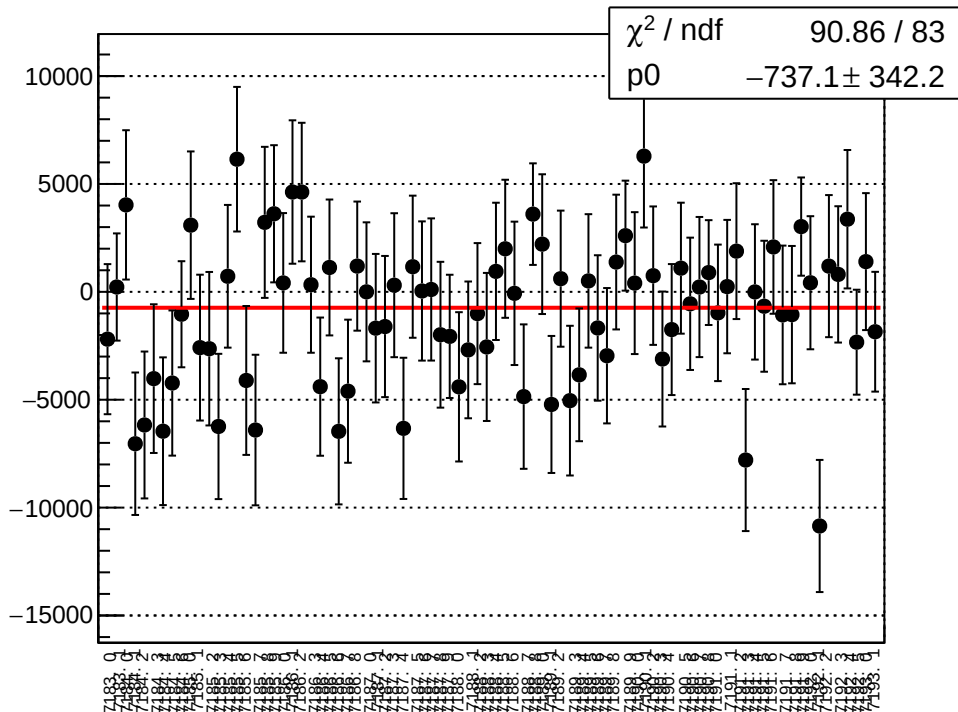
eigen_dit_asym_sam_13_57_dd_mean vs run



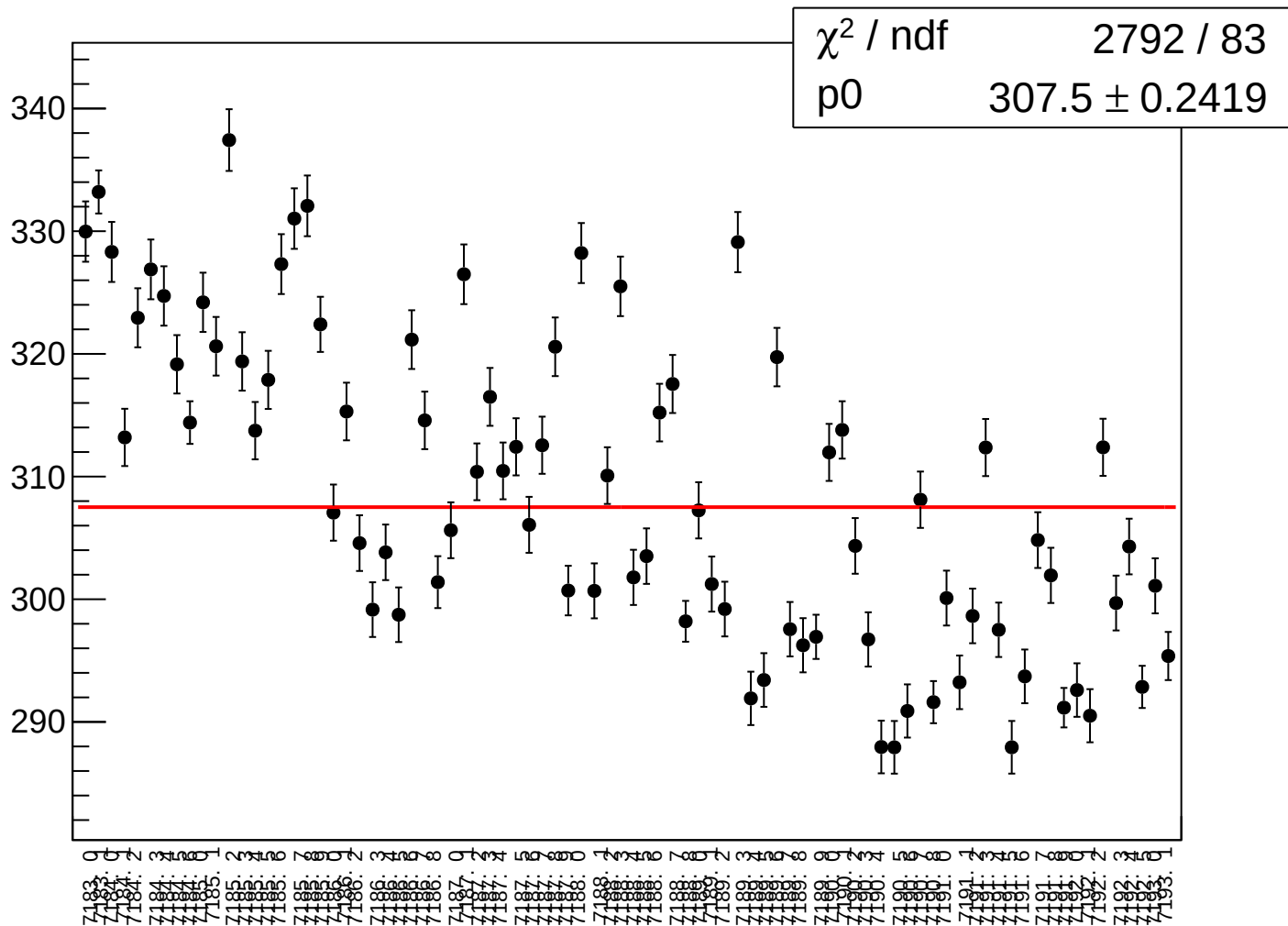
659.3 / 83

$$57.82 \pm 0.04546$$


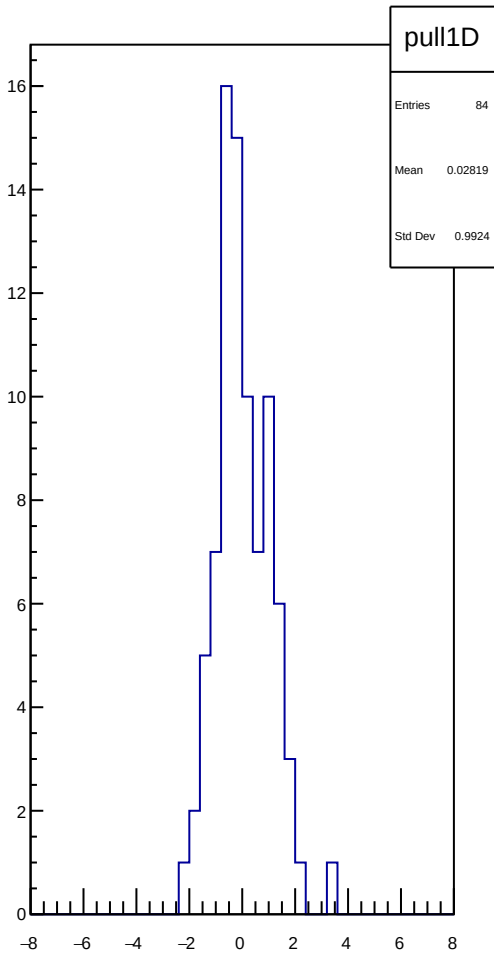
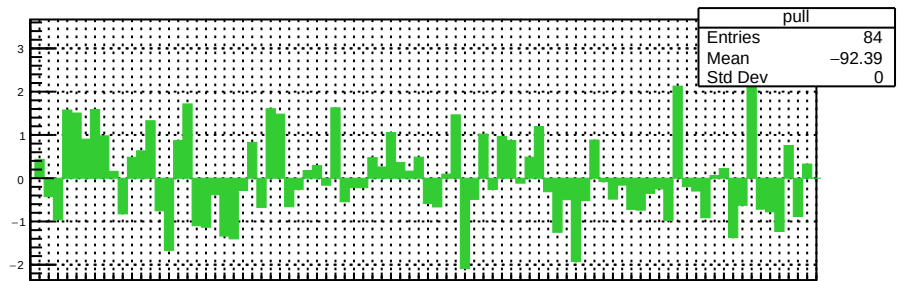
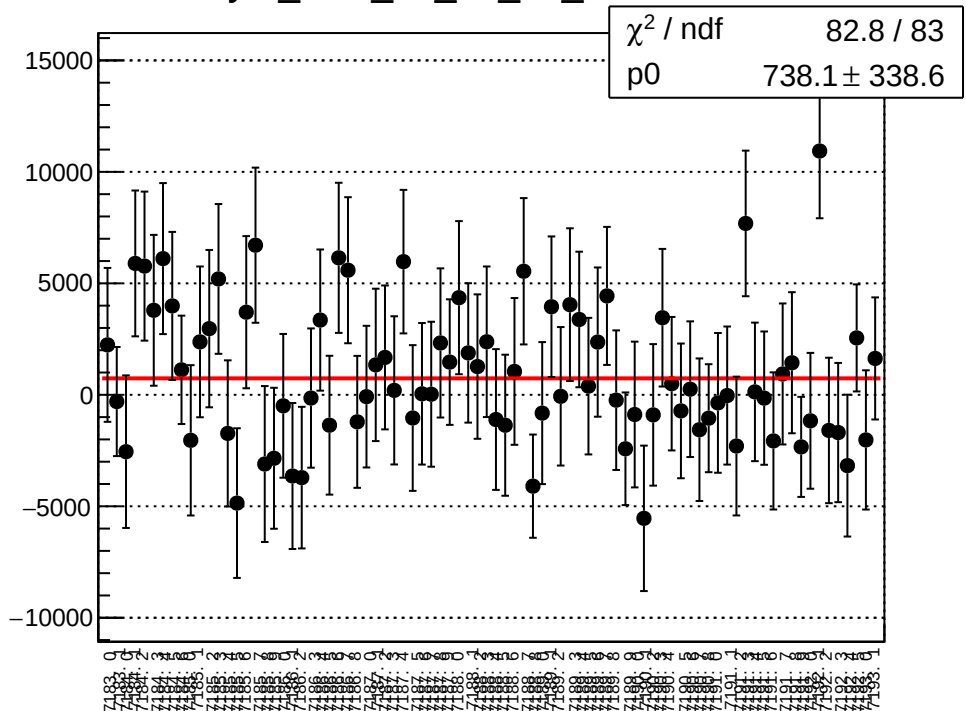
asym_sam_13_57_dd_eigen_dit_correction_mean vs run



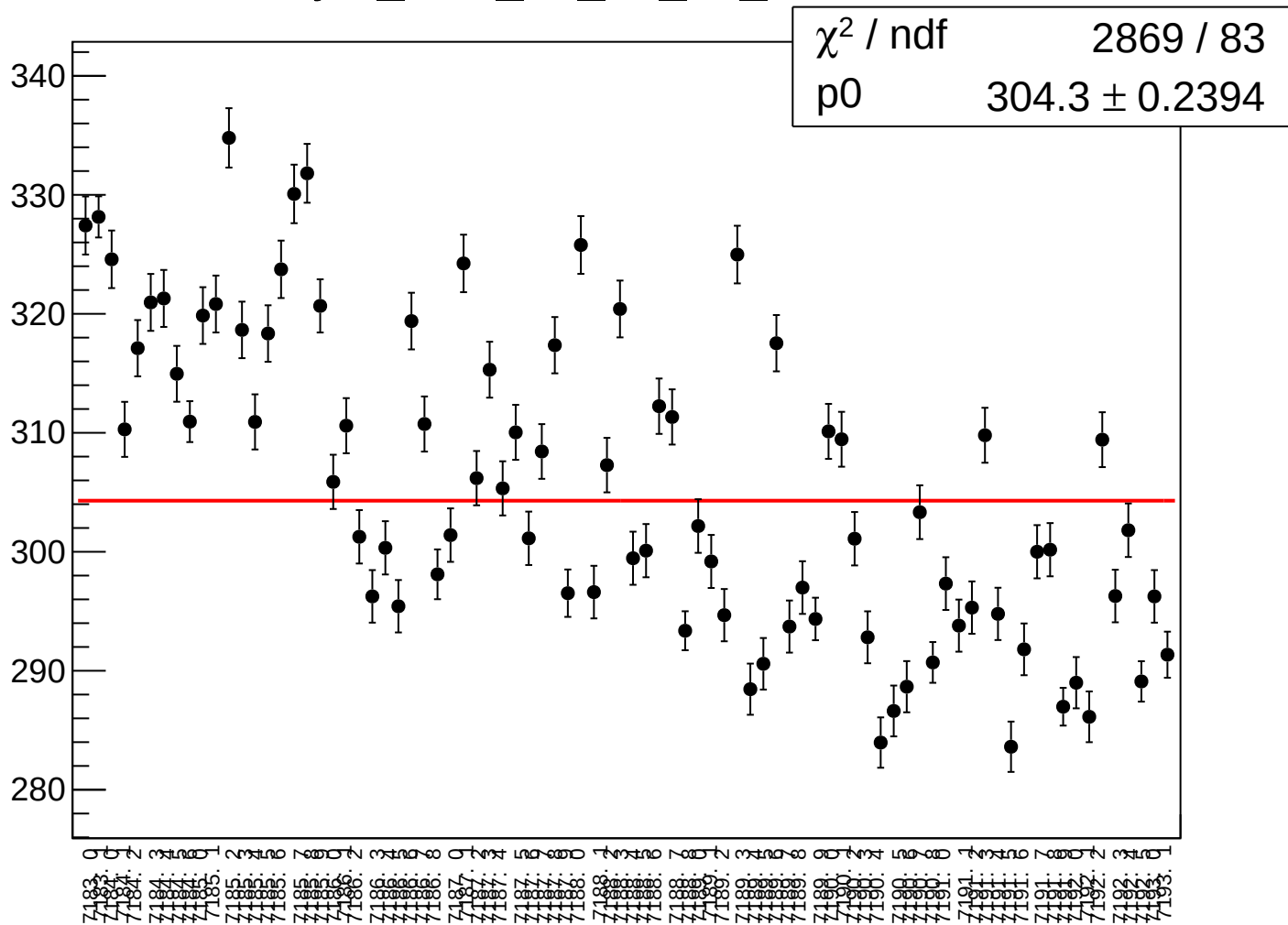
asym_sam_13_57_dd_eigen_dit_correction_rms vs run



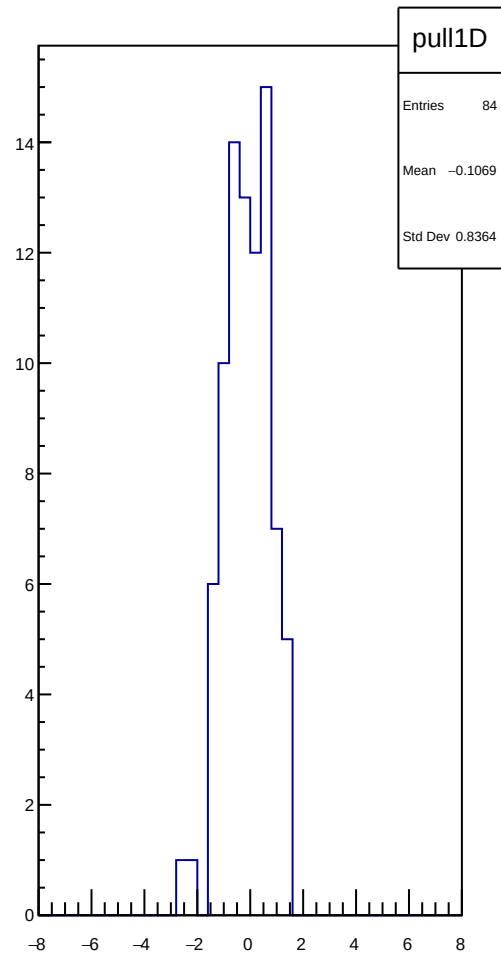
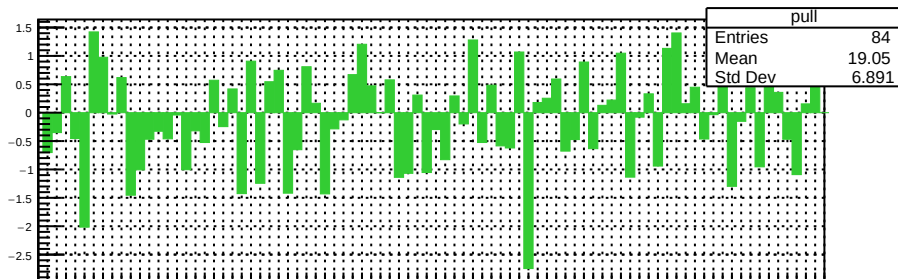
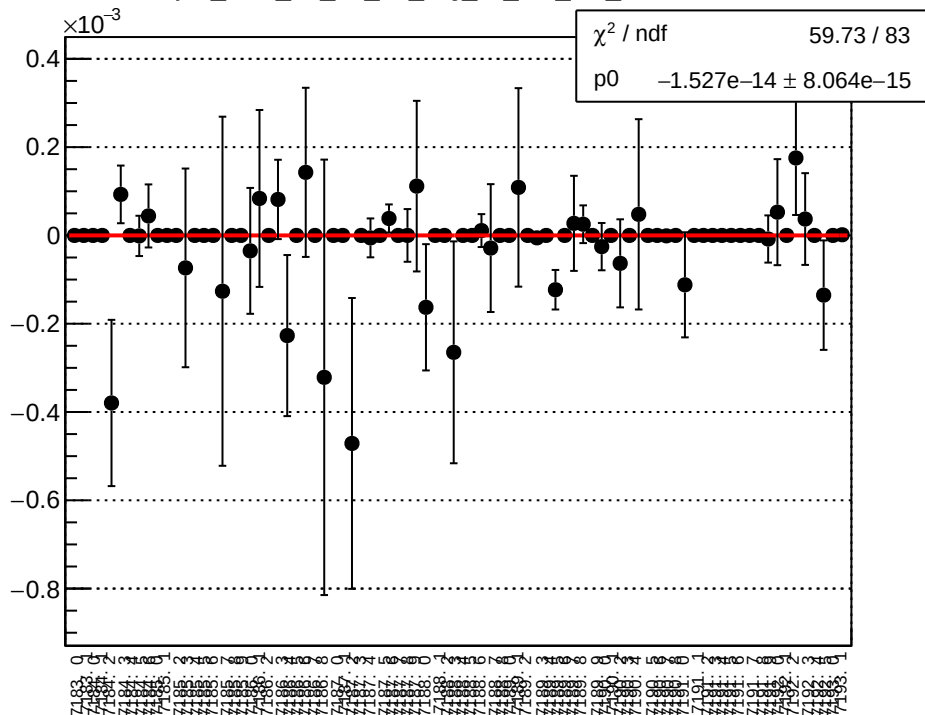
asym_sam_13_57_dd_mean vs run



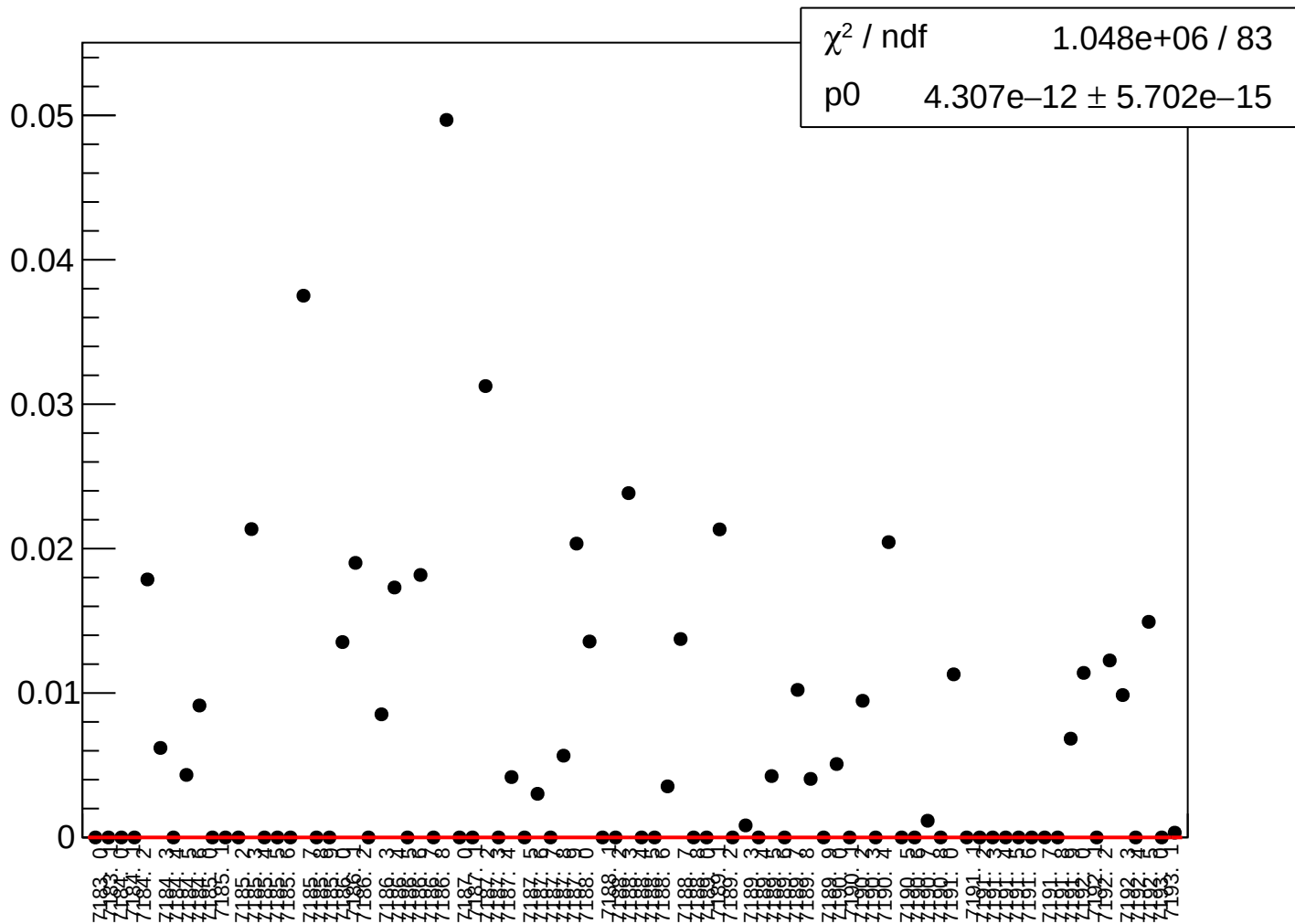
asym_sam_13_57_dd_rms vs run



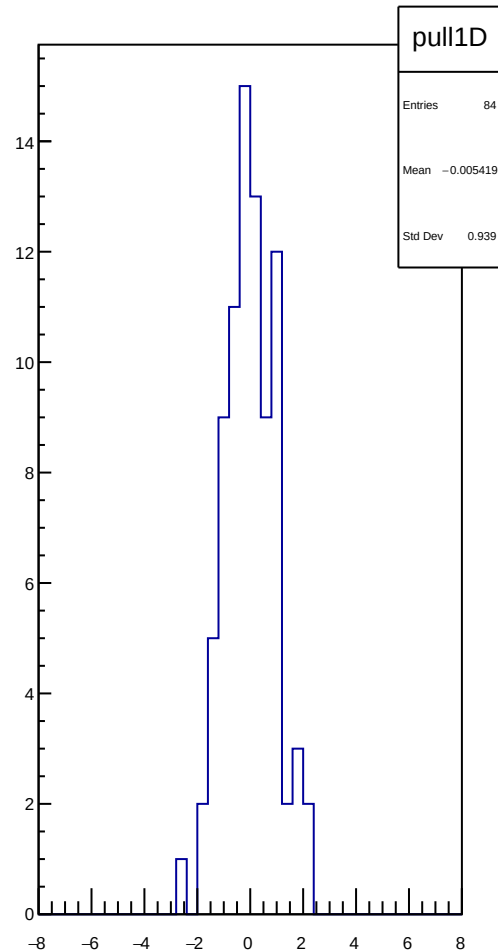
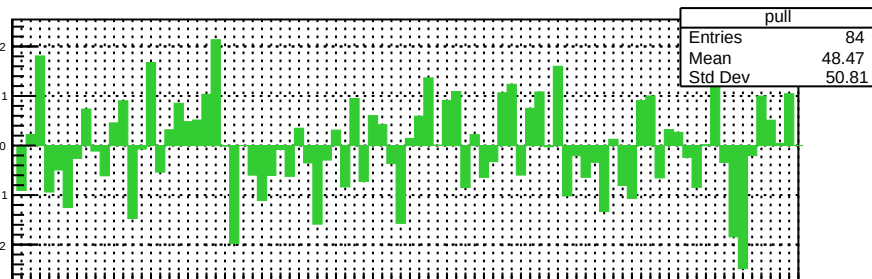
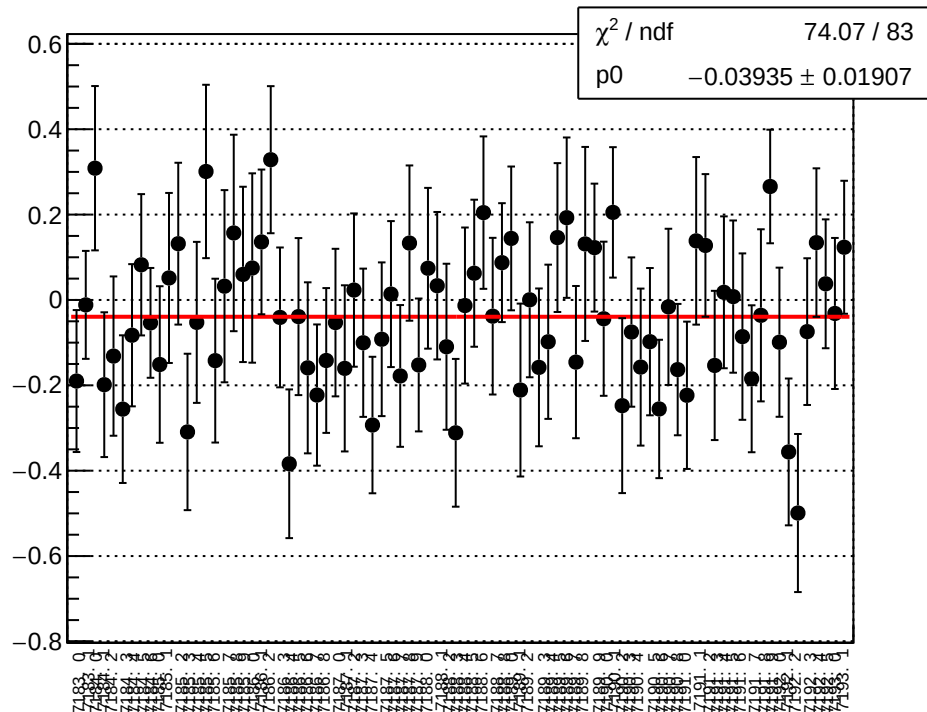
asym_sam_13_57_dd_reg_vs_cor_diff_mean vs run



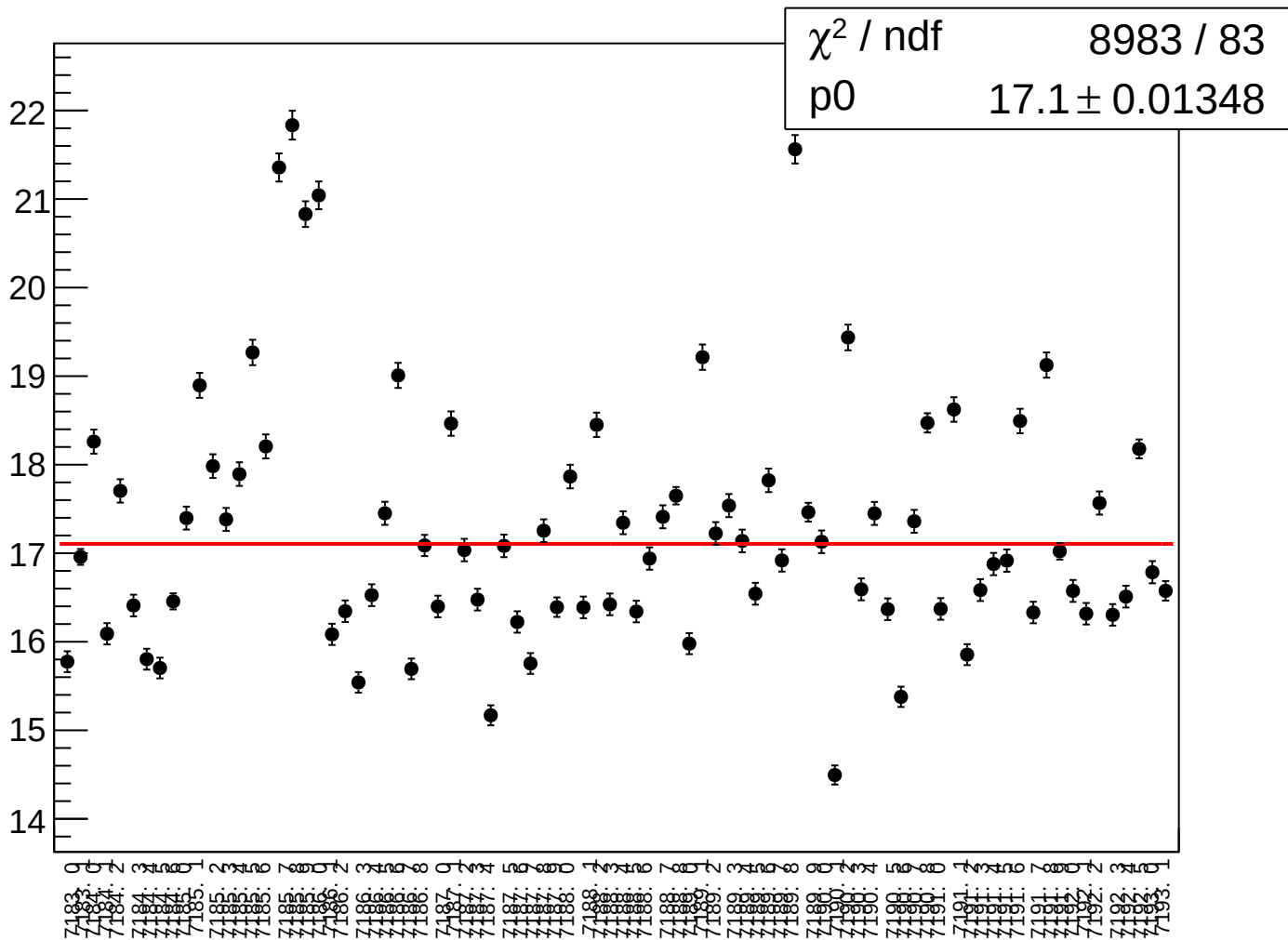
asym_sam_13_57_dd_reg_vs_cor_diff_rms vs run



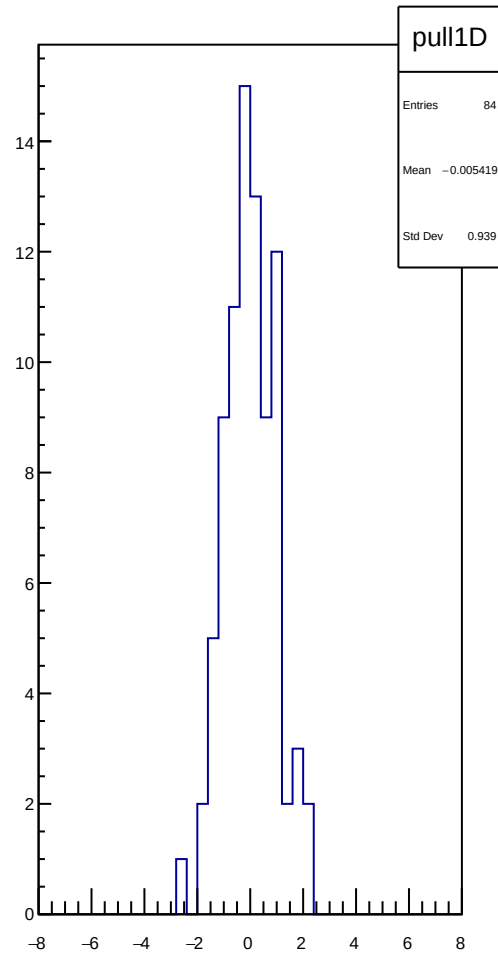
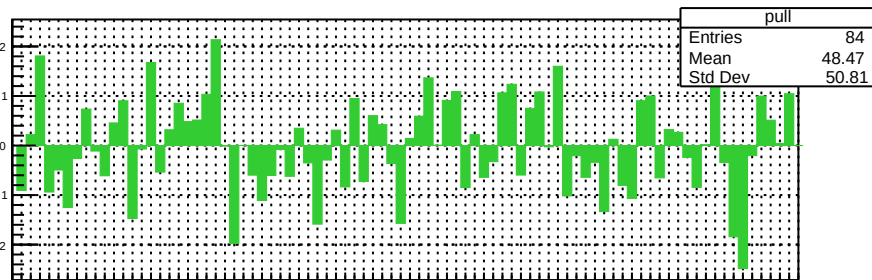
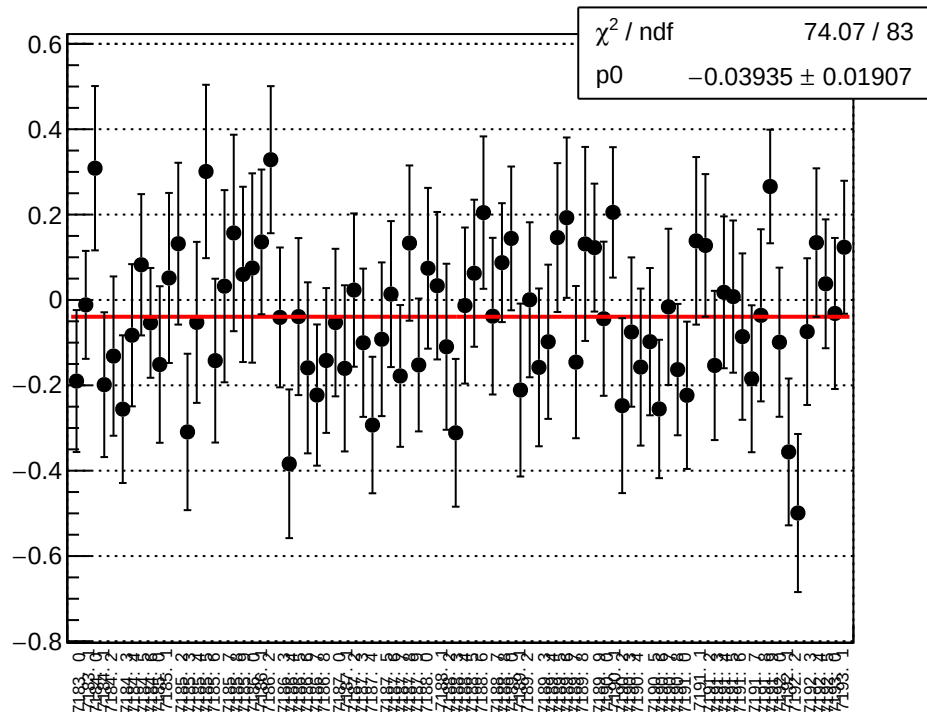
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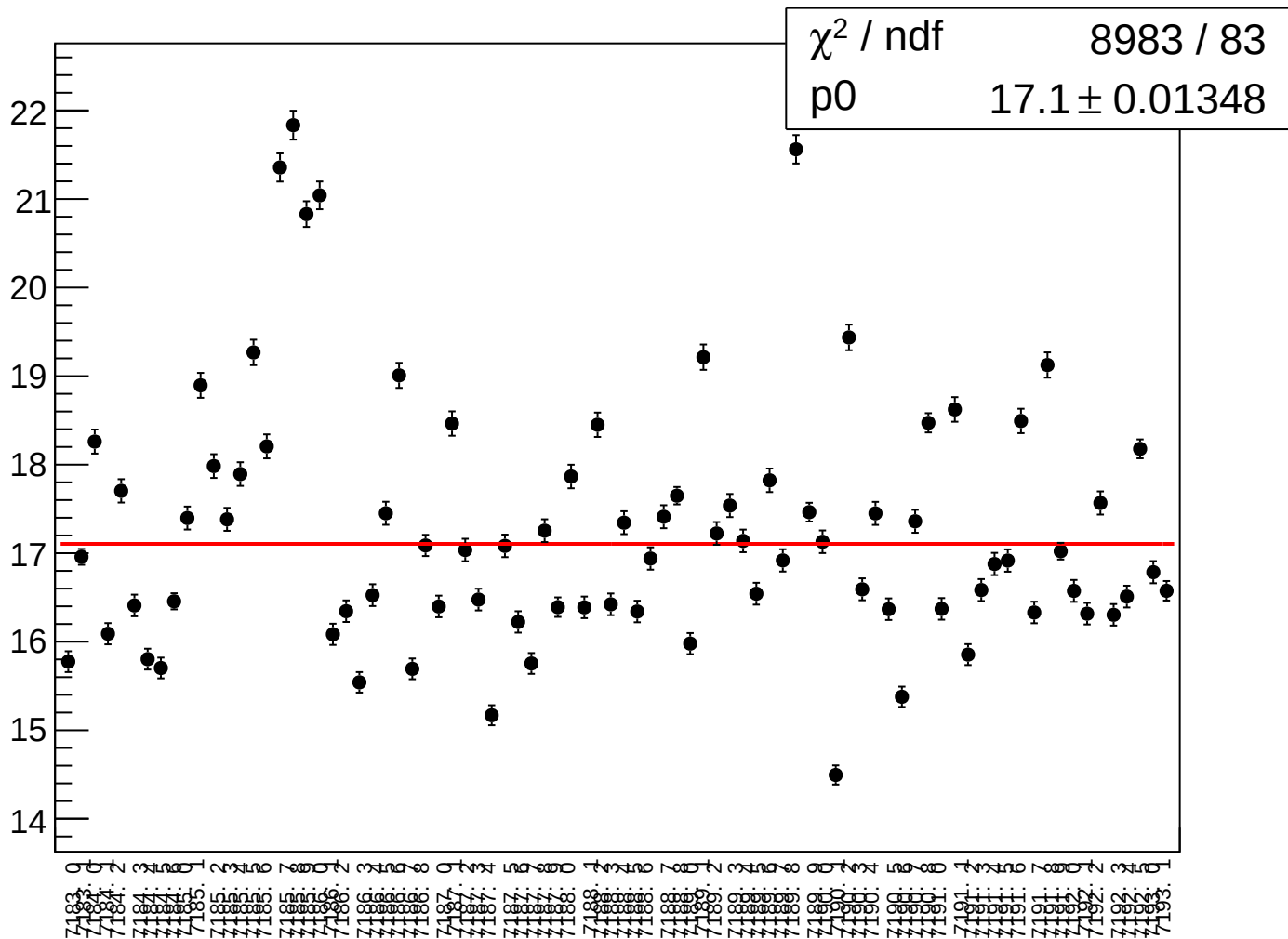
asym_sam_13_57_dd_dit_vs_cor_diff_rms vs run



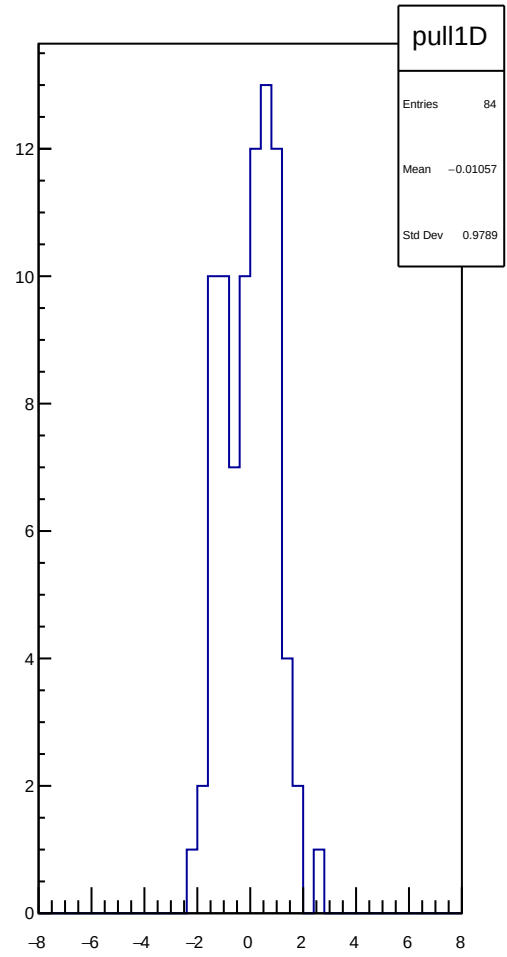
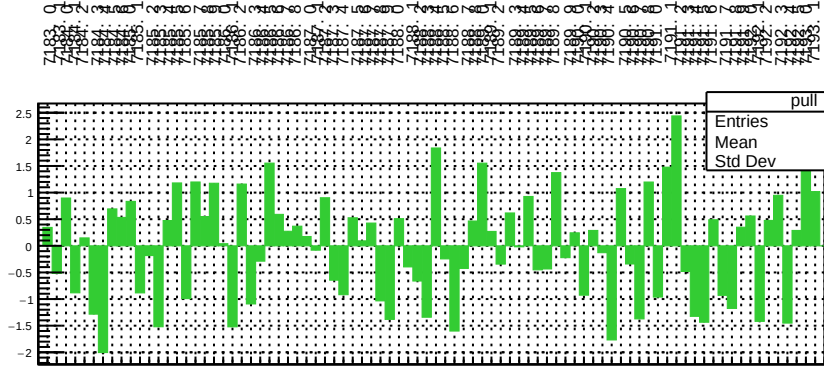
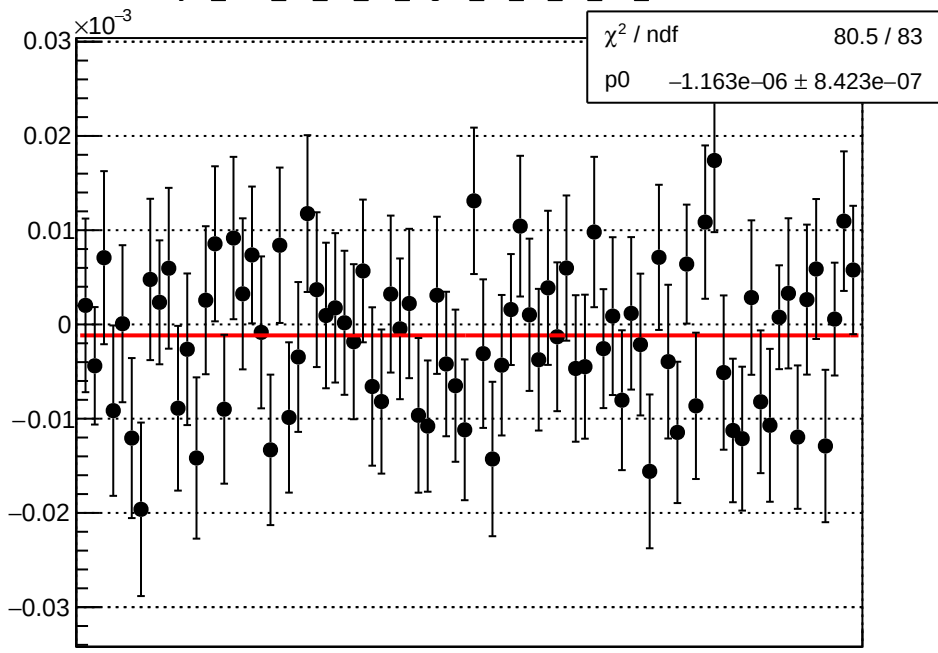
asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs run



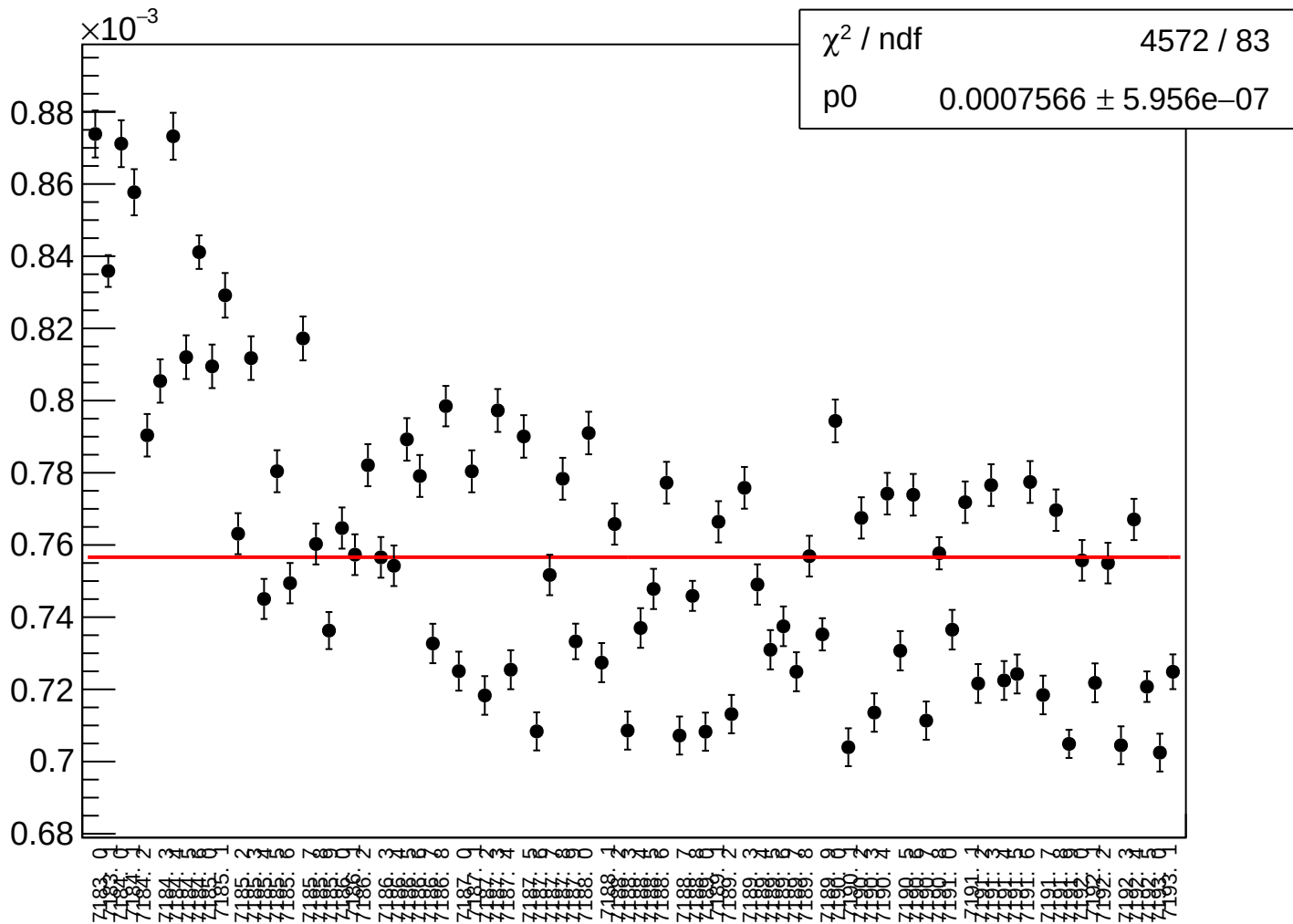
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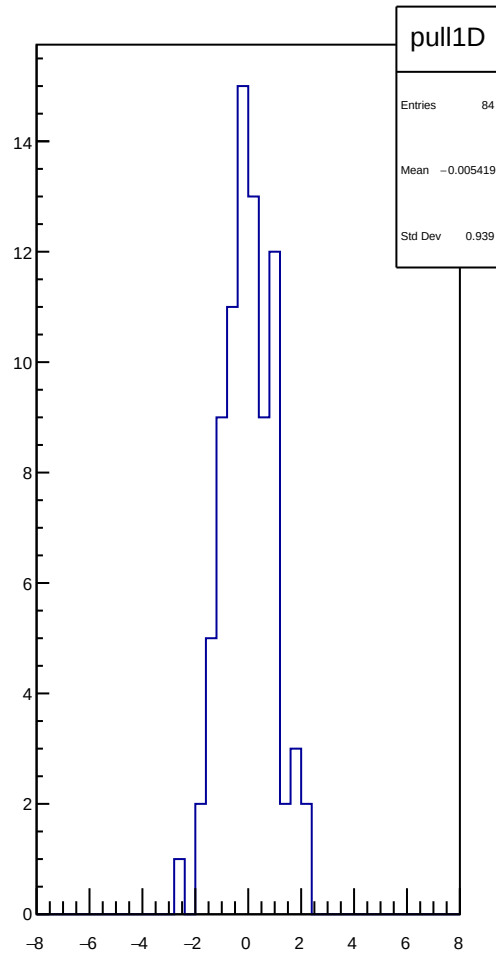
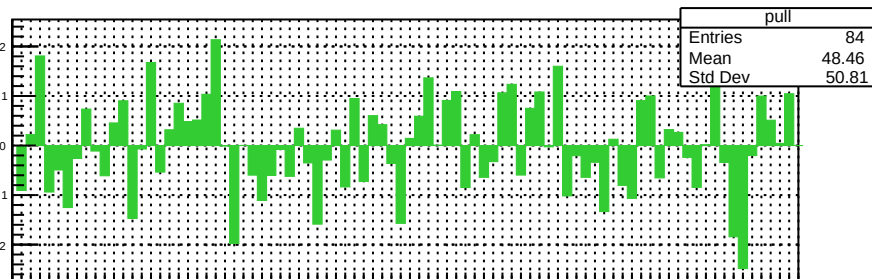
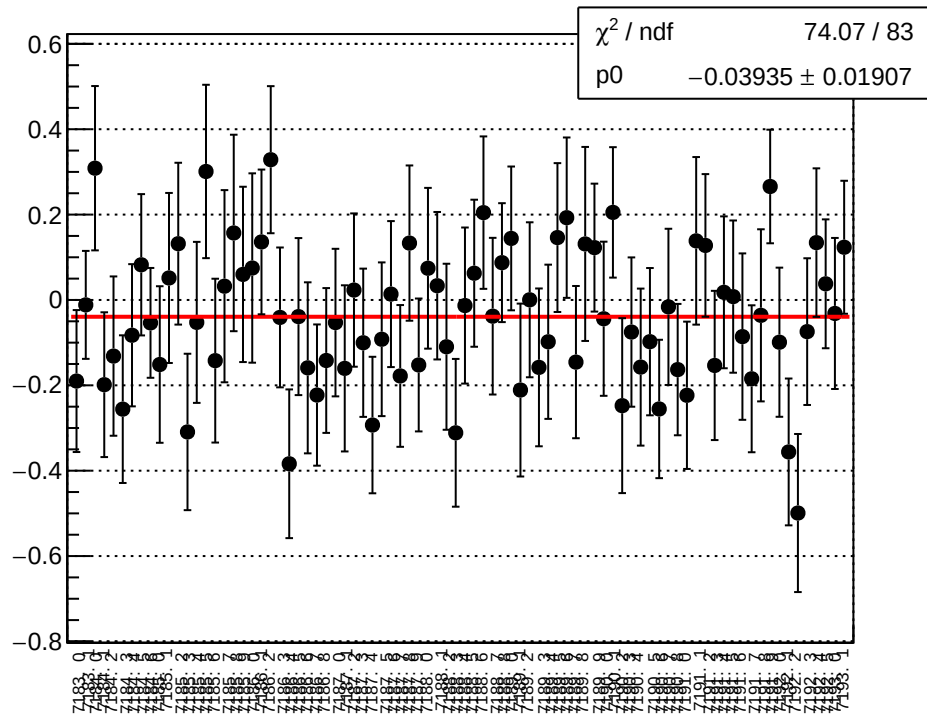
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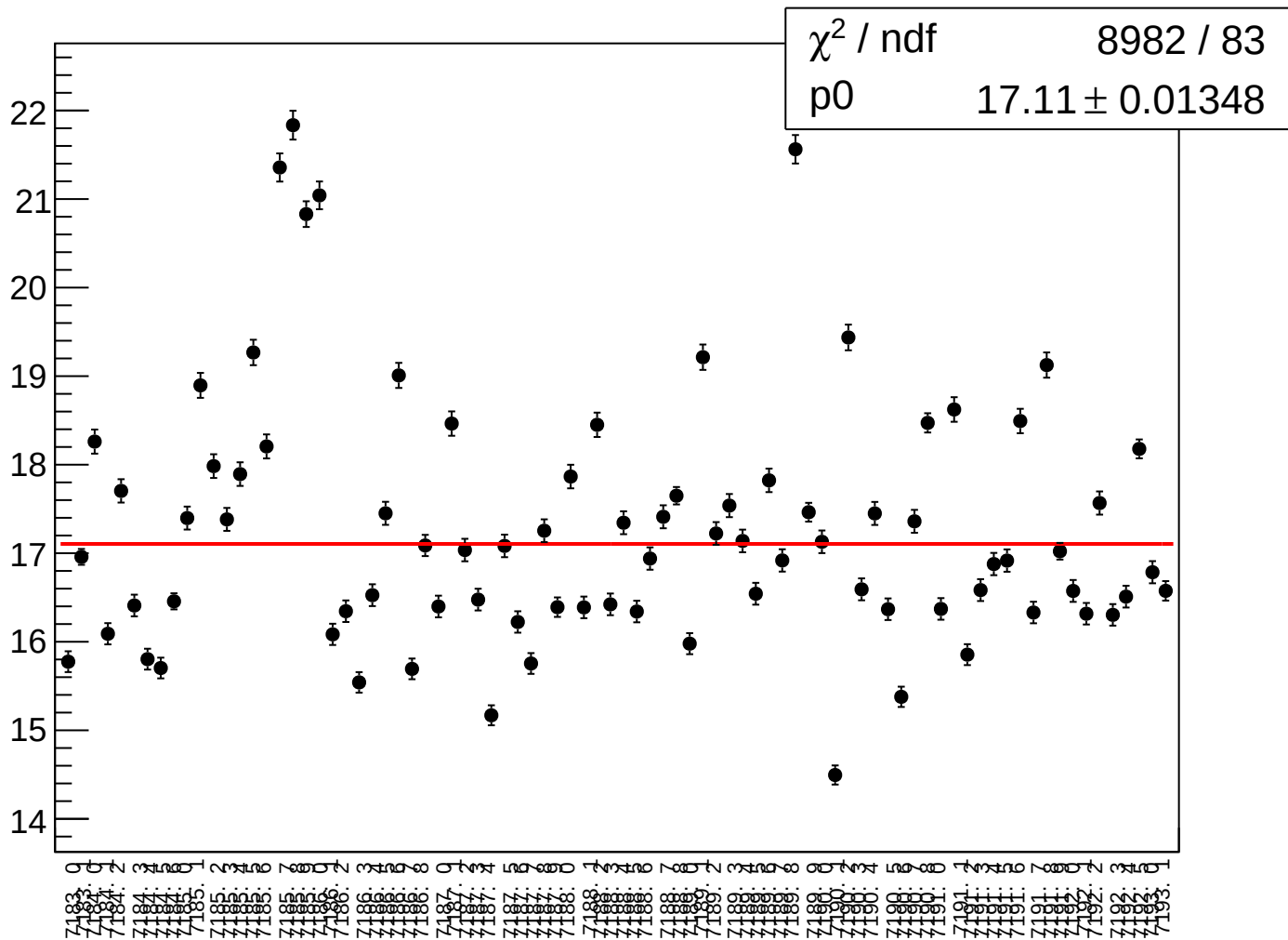
asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs run



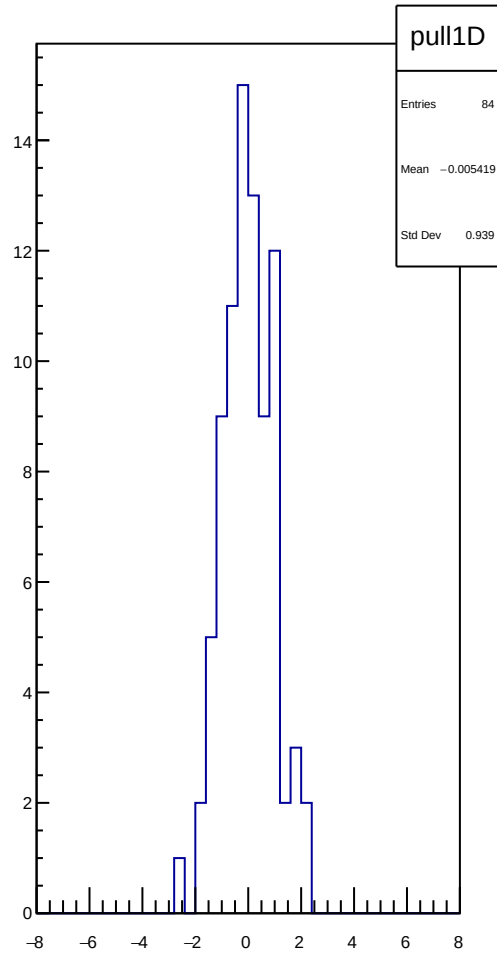
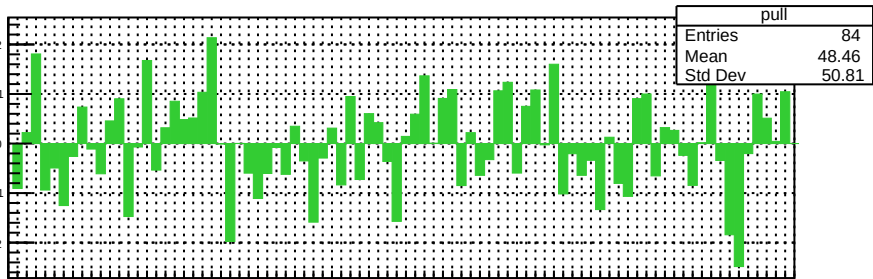
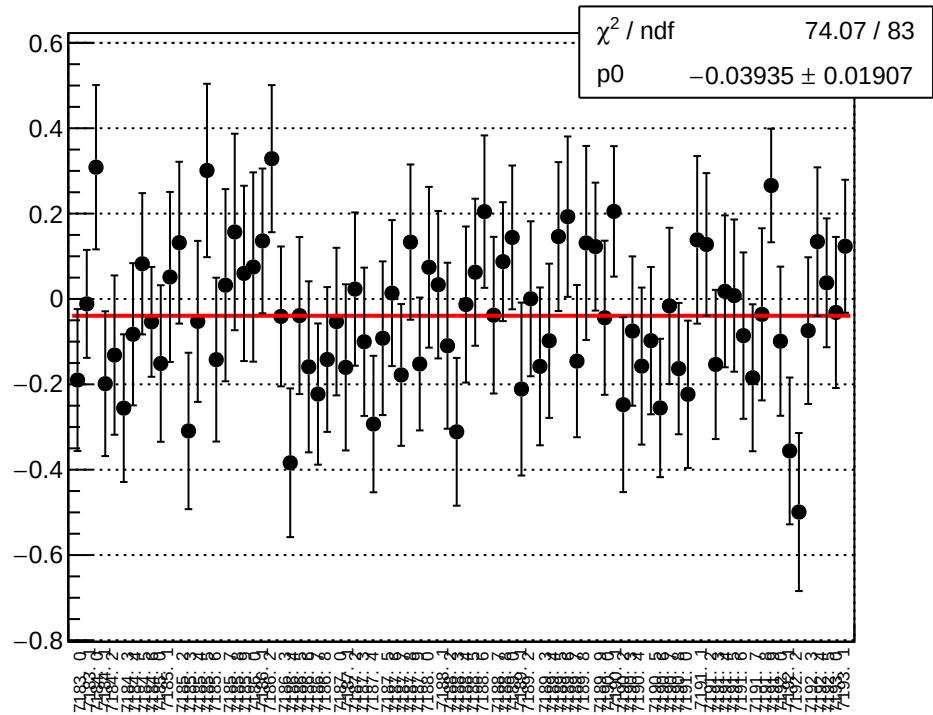
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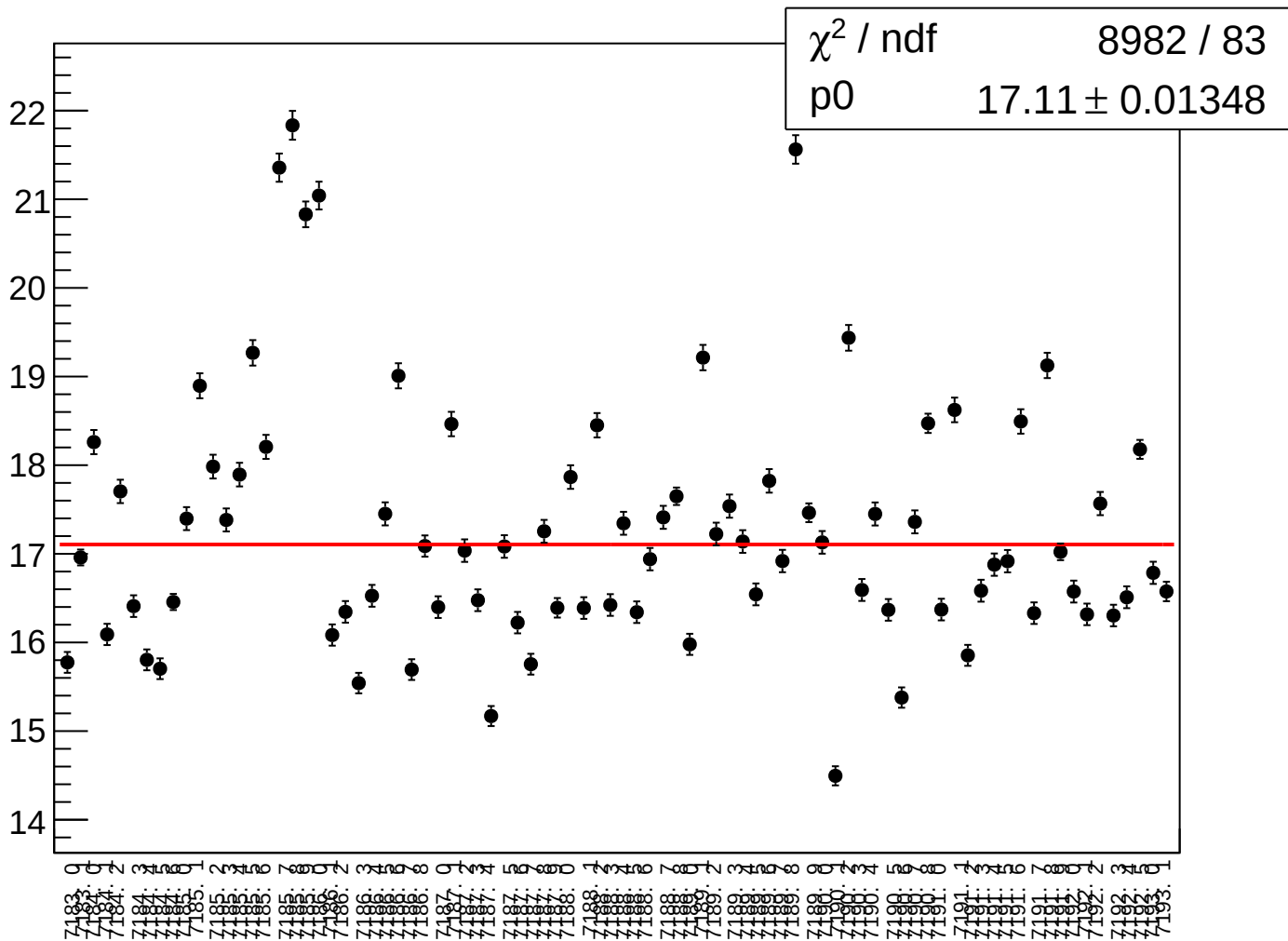
asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs run



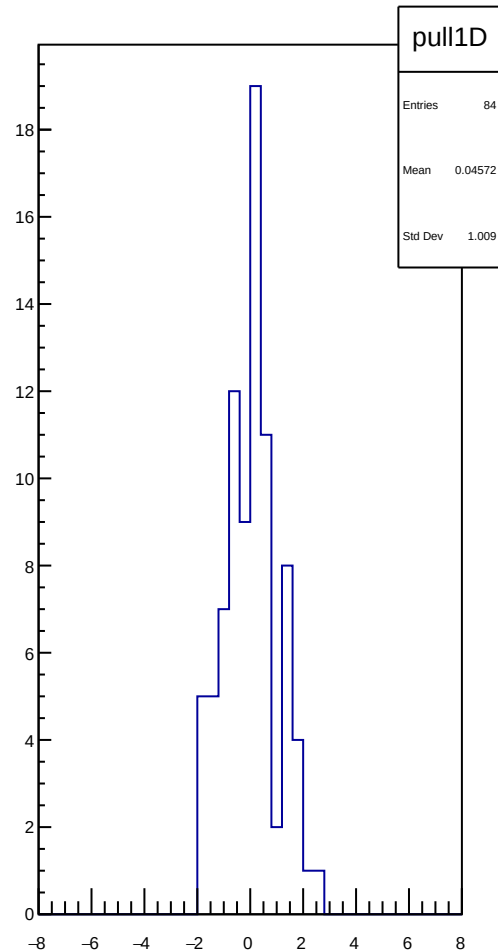
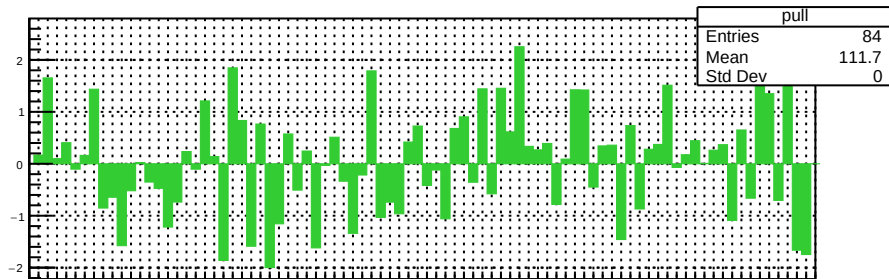
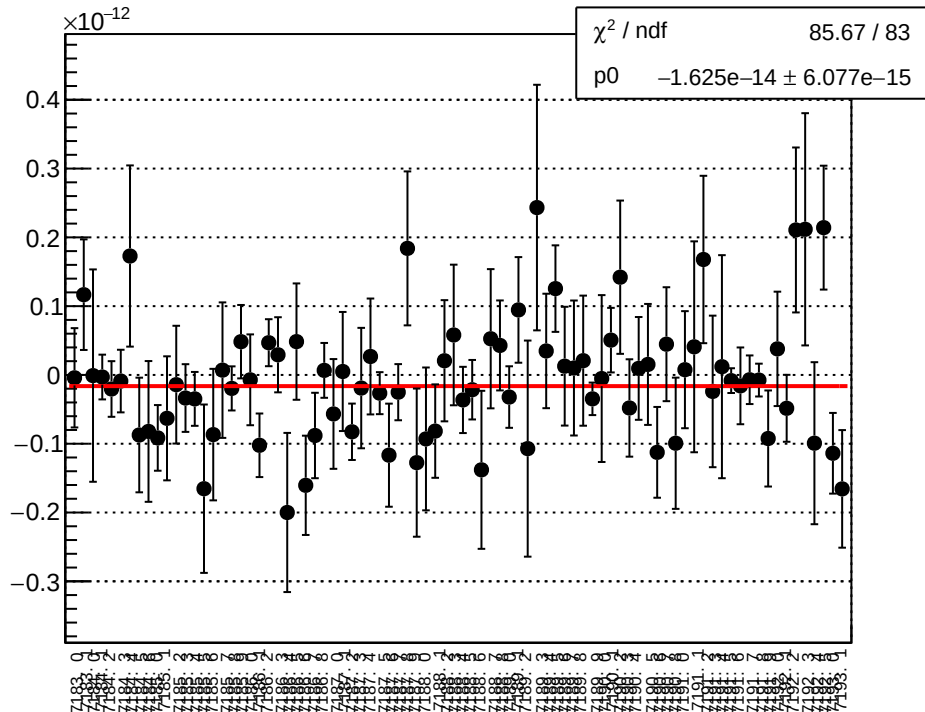
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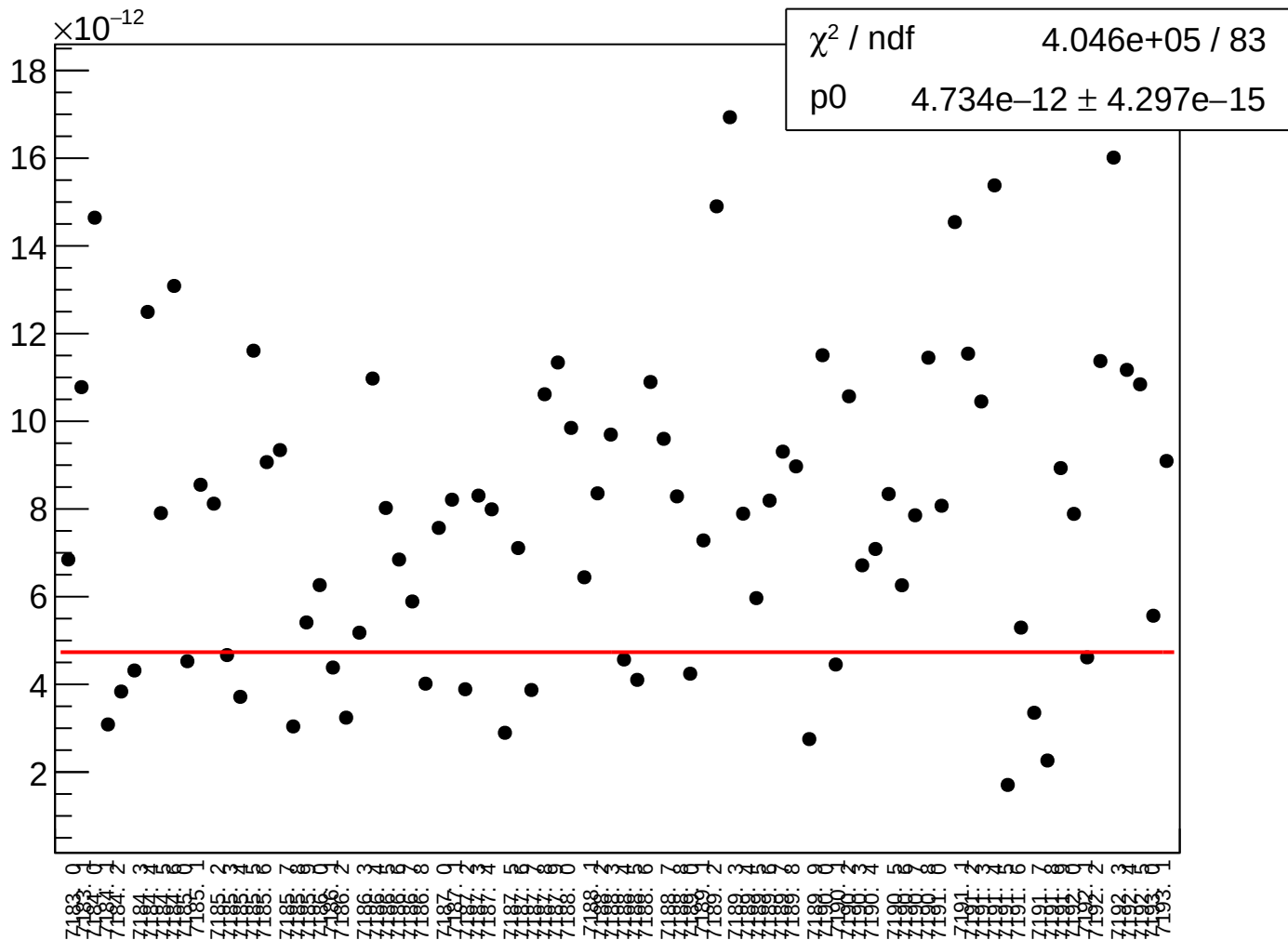
asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



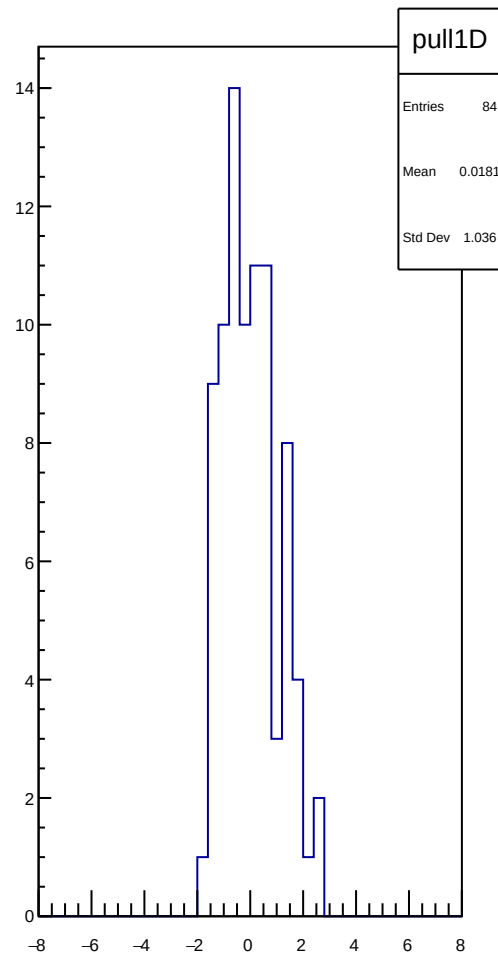
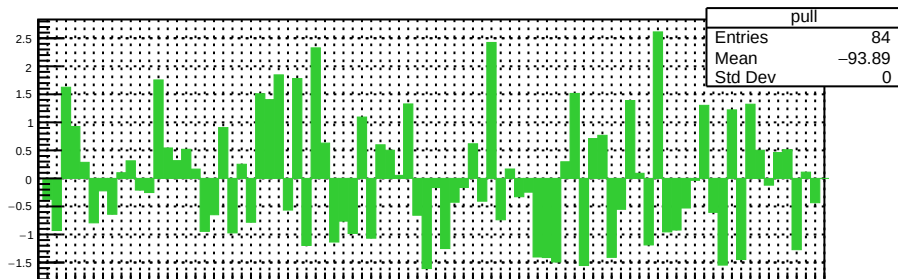
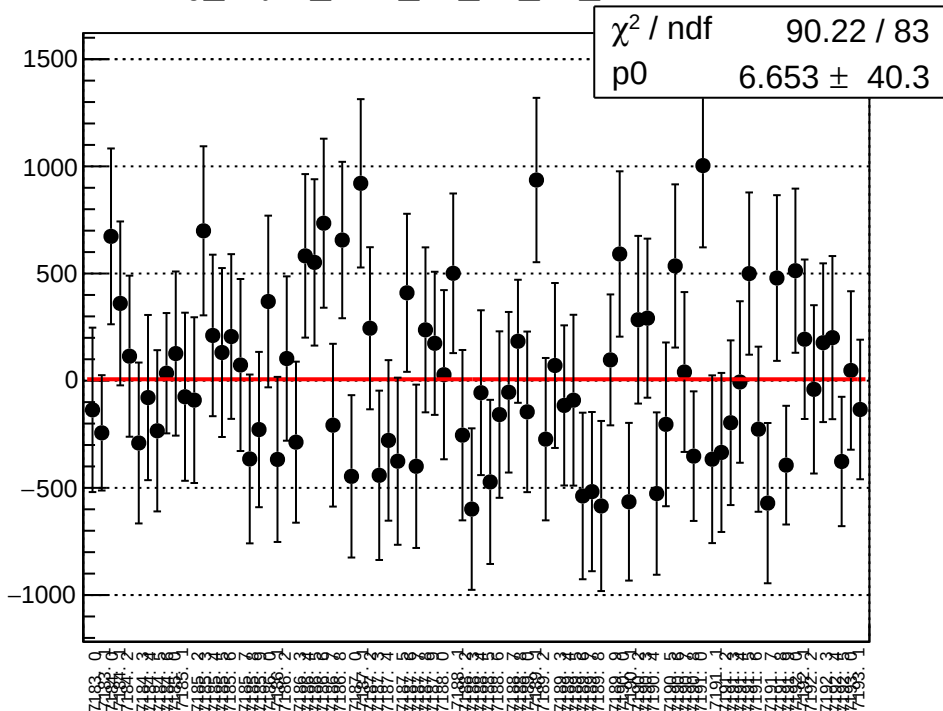
asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_15_37_dd_mean vs run



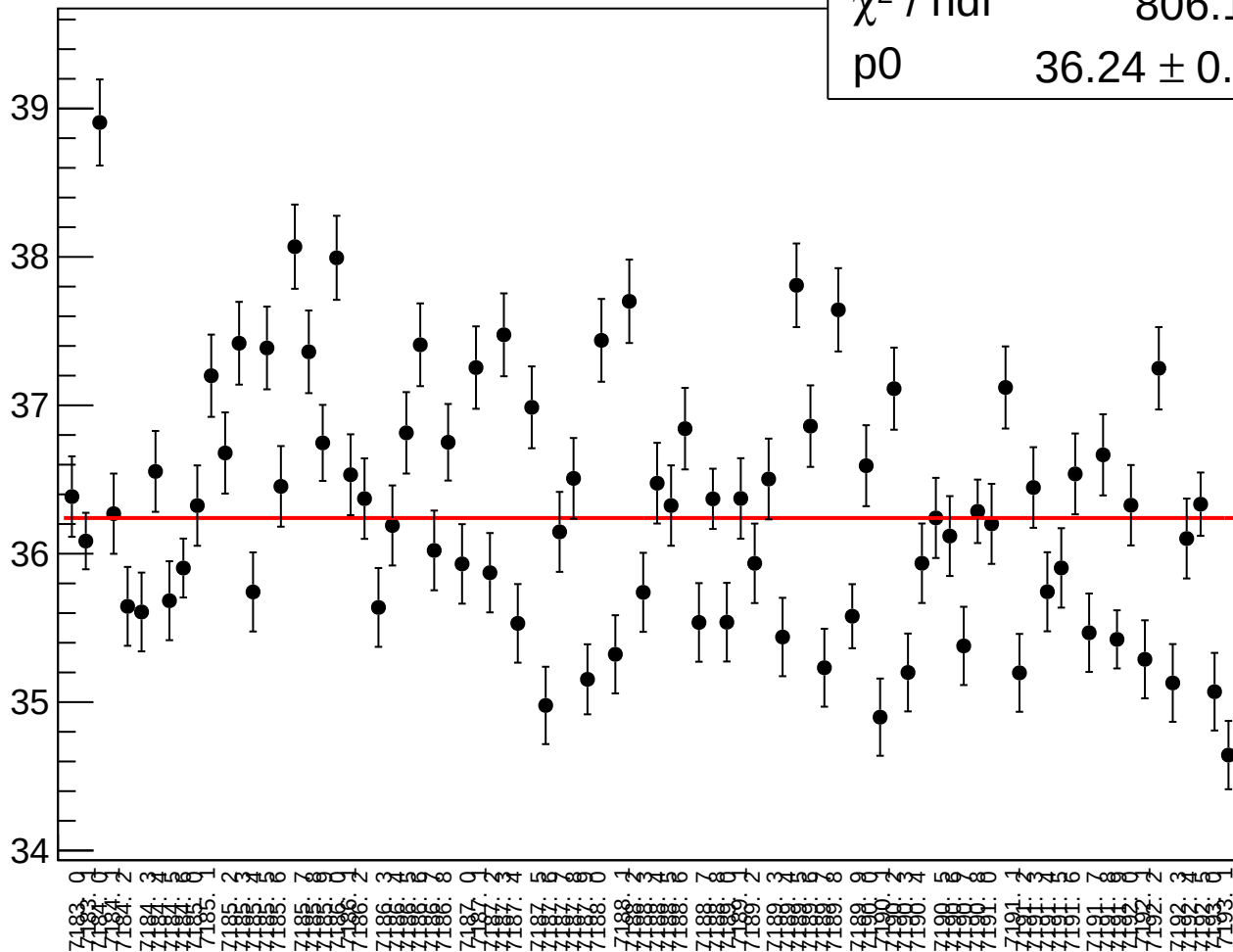
reg_asym_sam_15_37_dd_rms vs run

χ^2 / ndf

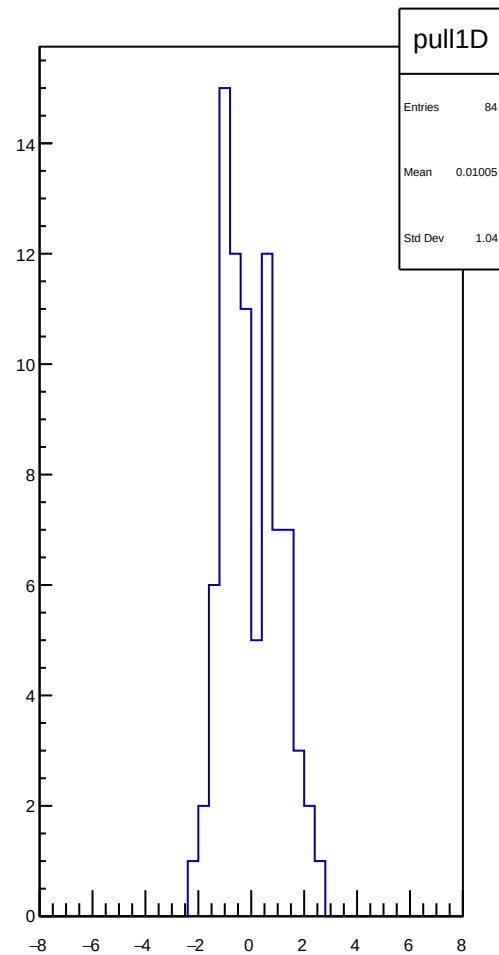
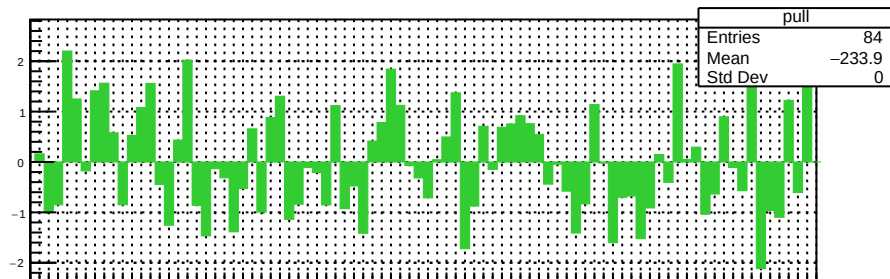
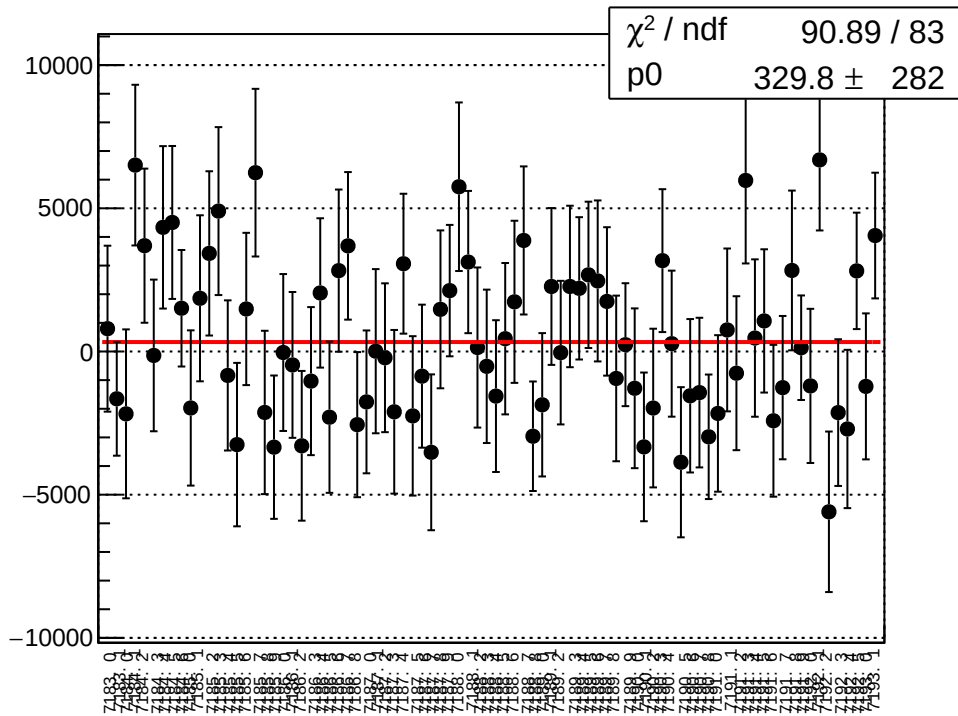
806.1 / 83

p0

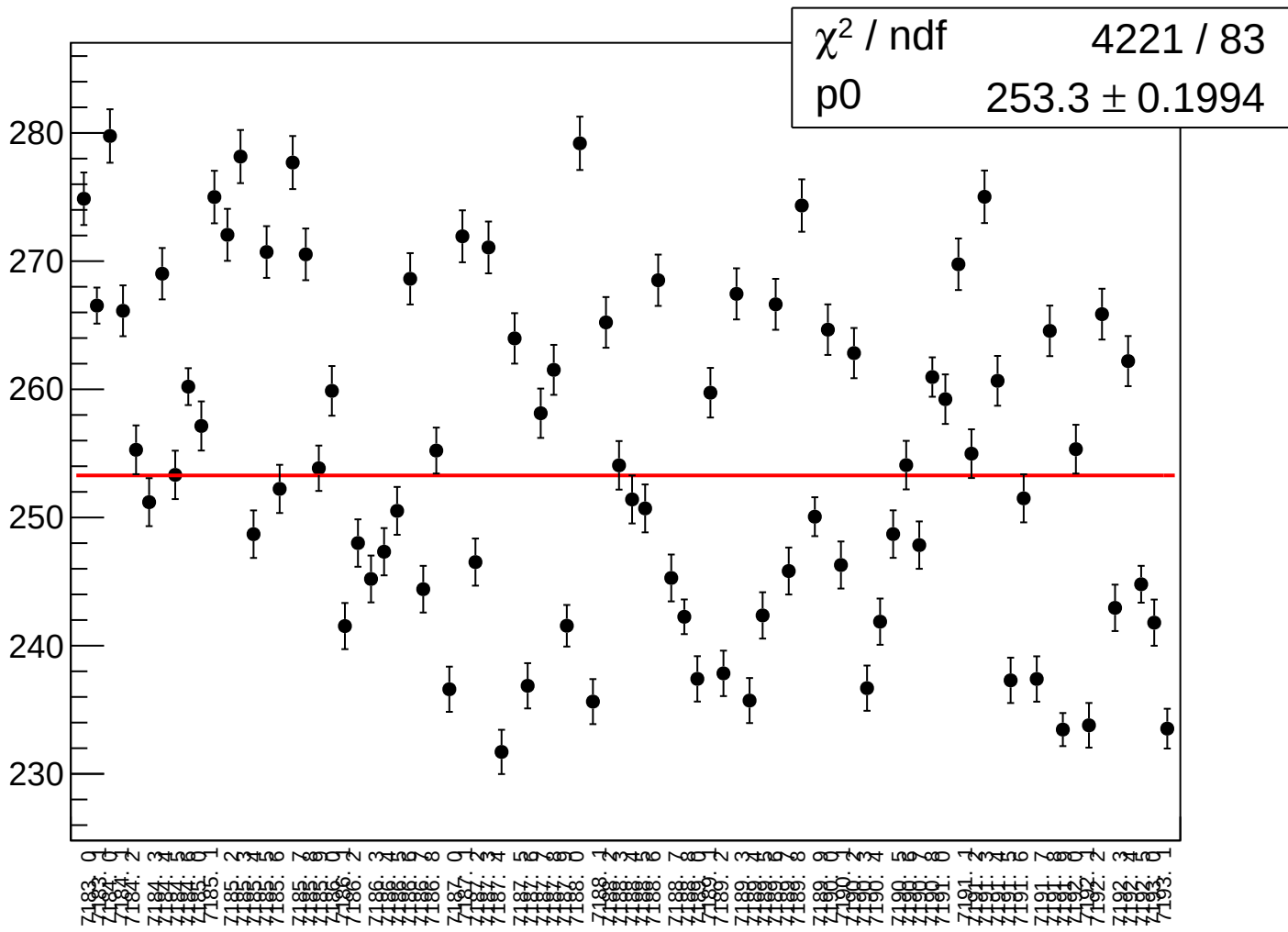
36.24 ± 0.0285



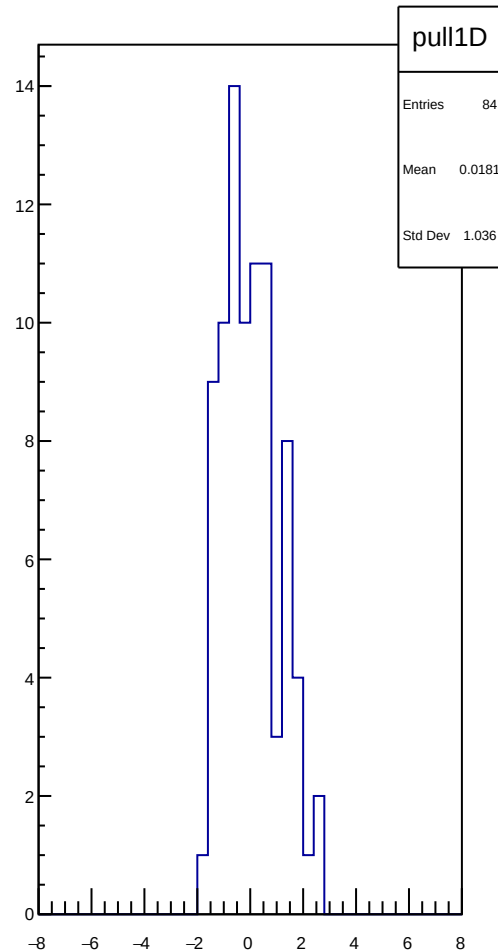
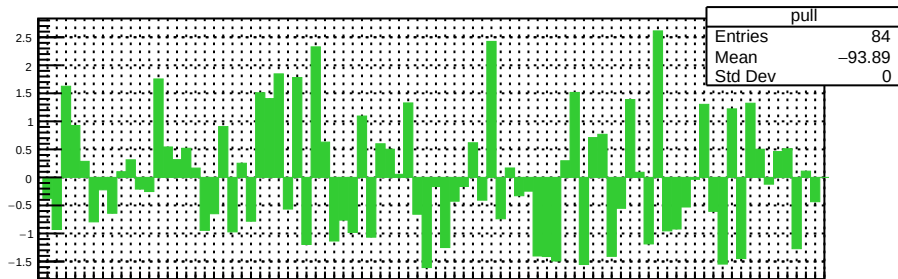
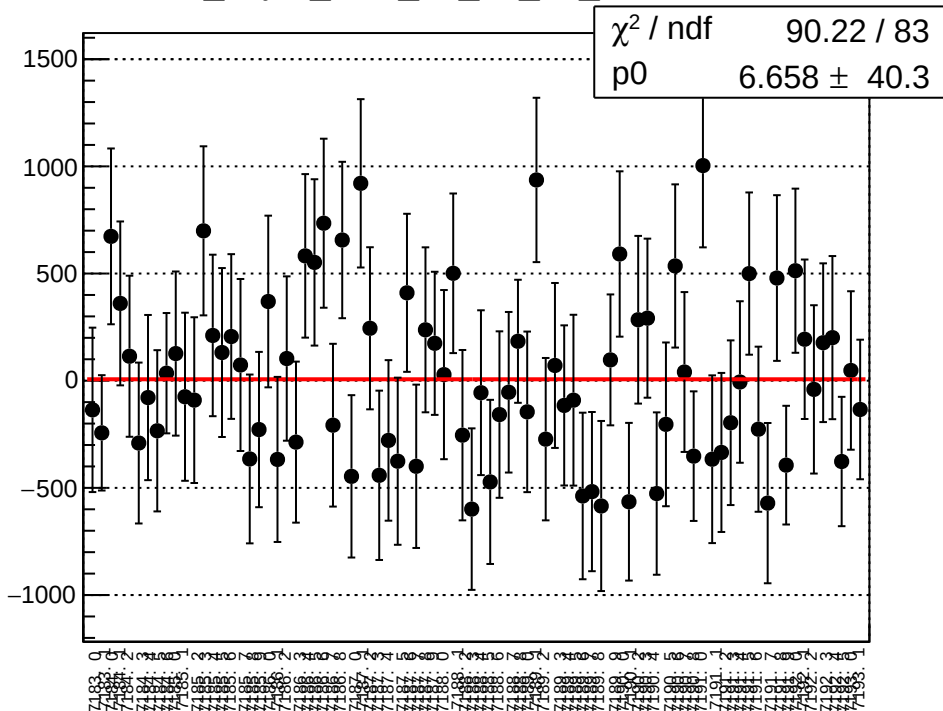
asym_sam_15_37_dd_reg_correction_mean vs run



asym_sam_15_37_dd_reg_correction_rms vs run



cor_asym_sam_15_37_dd_mean vs run



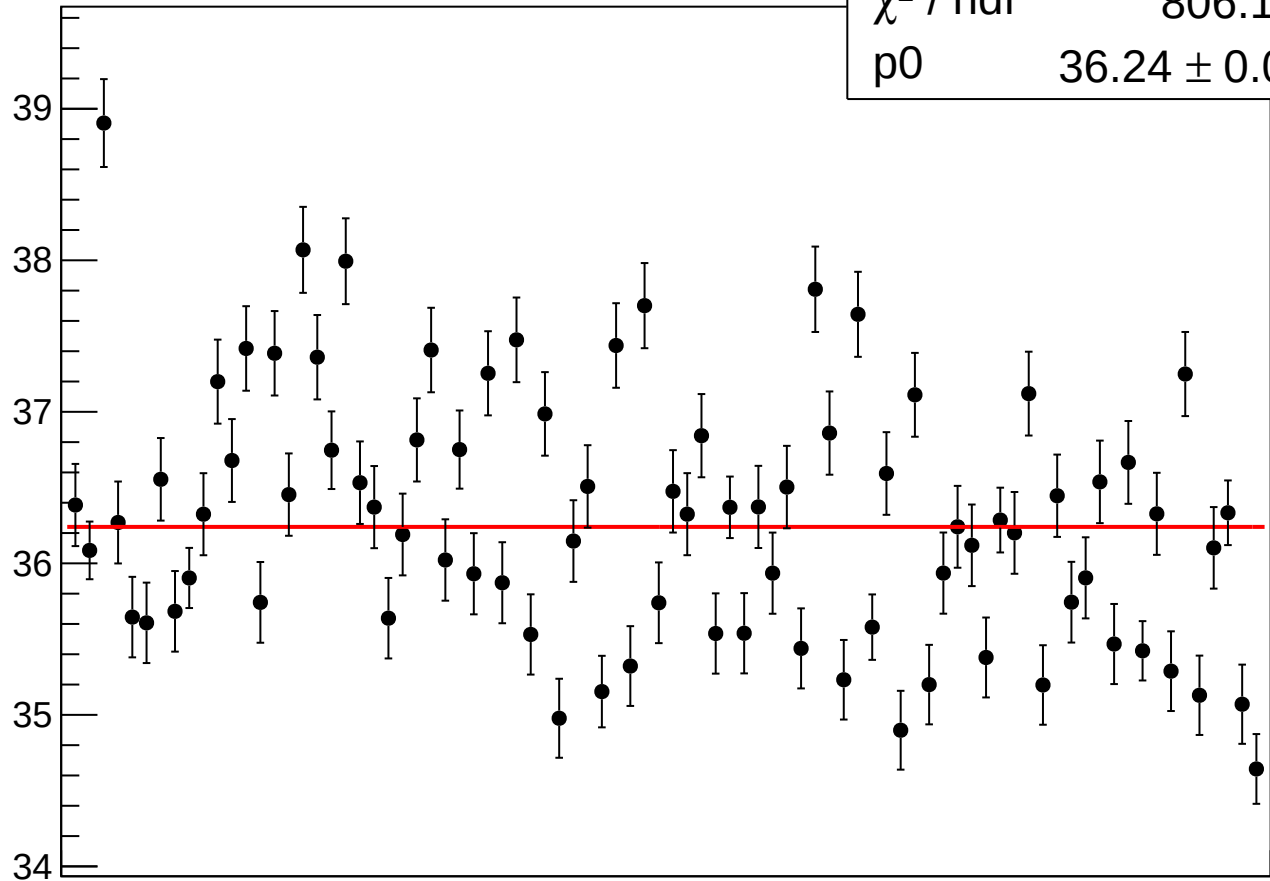
cor_asym_sam_15_37_dd_rms vs run

χ^2 / ndf

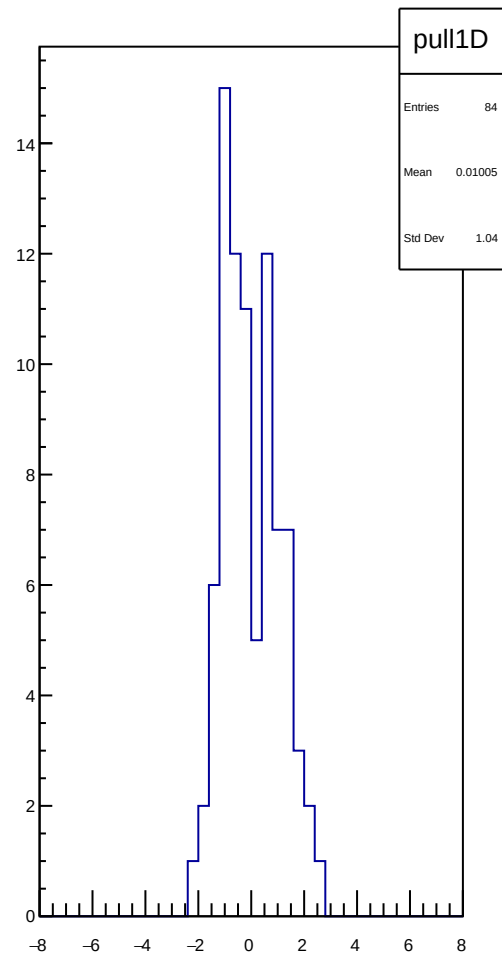
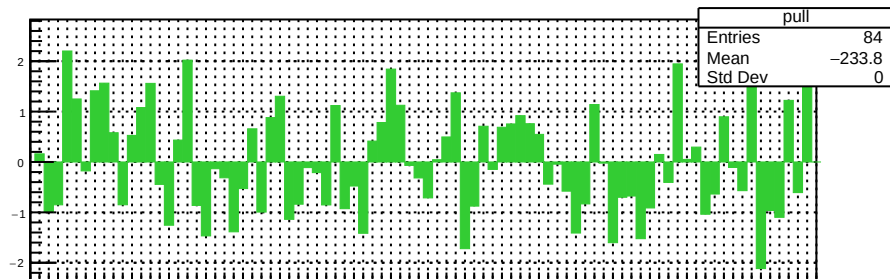
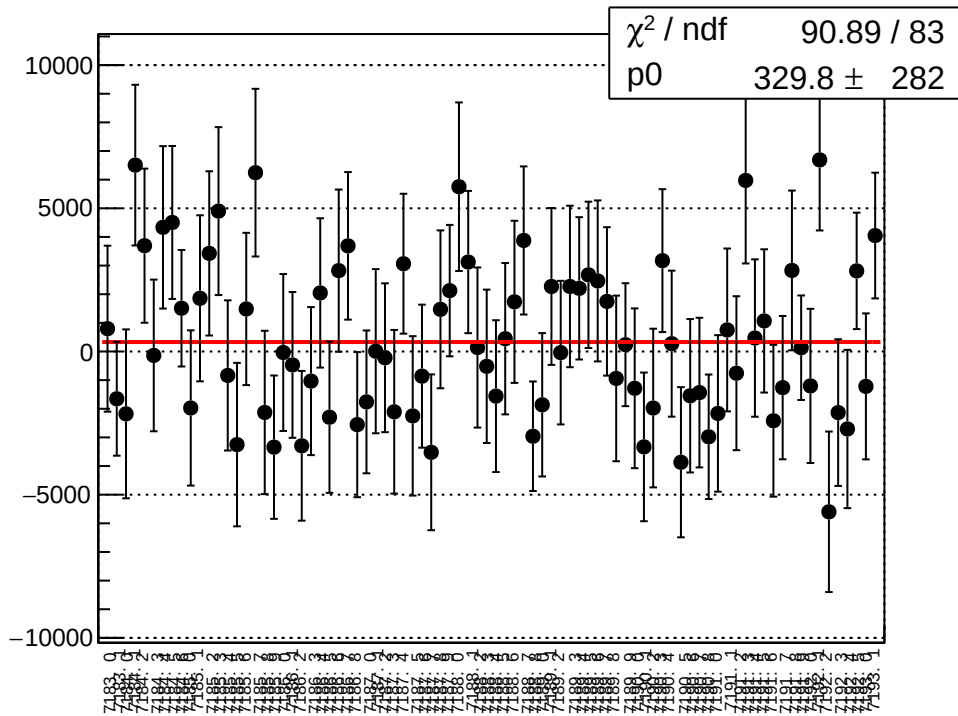
806.1 / 83

p0

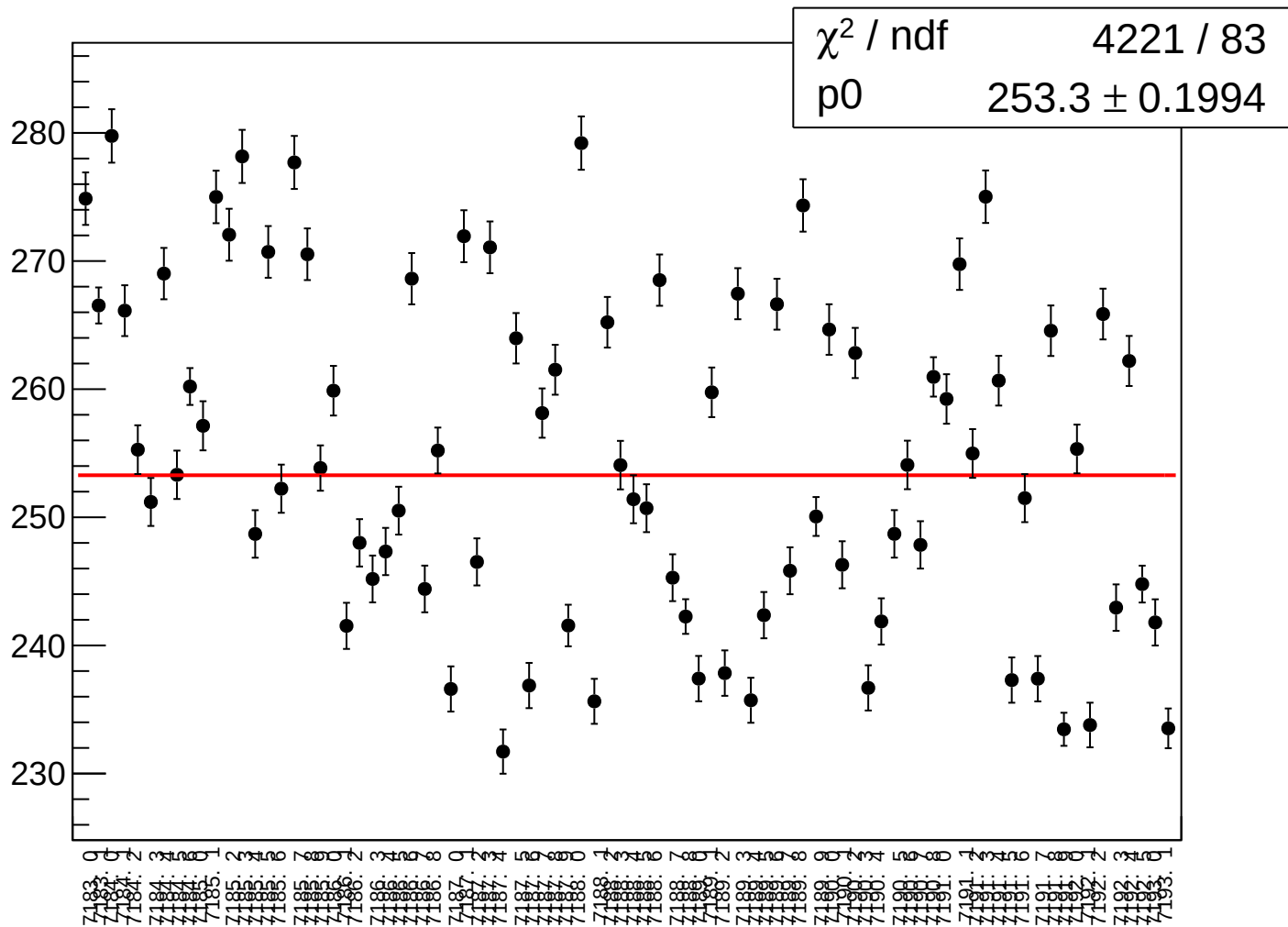
36.24 ± 0.0285



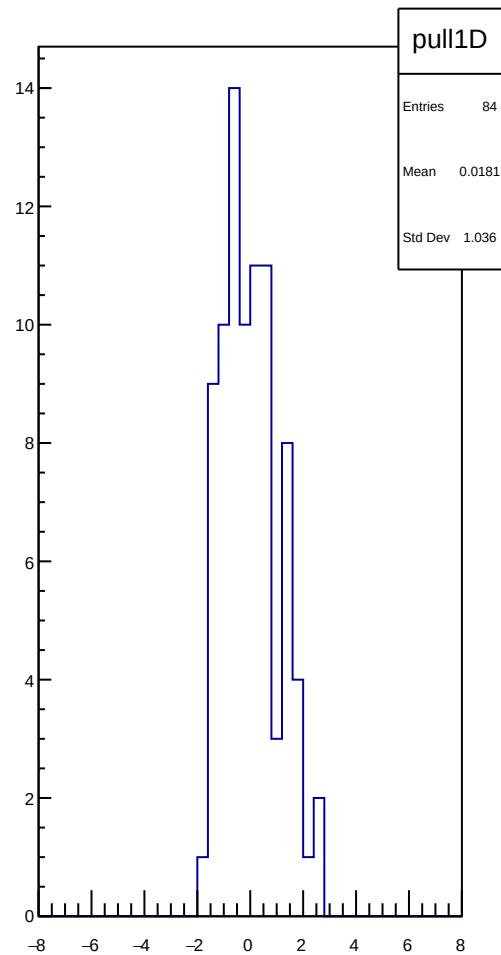
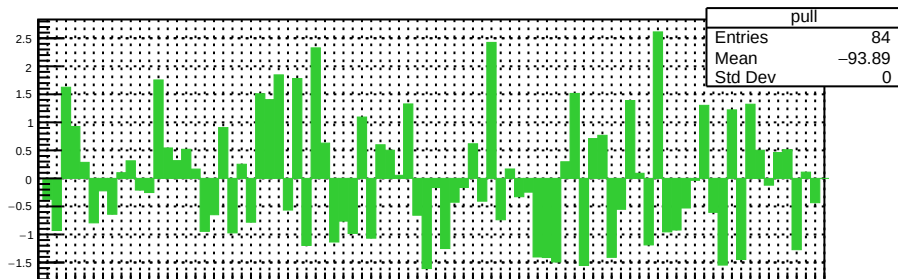
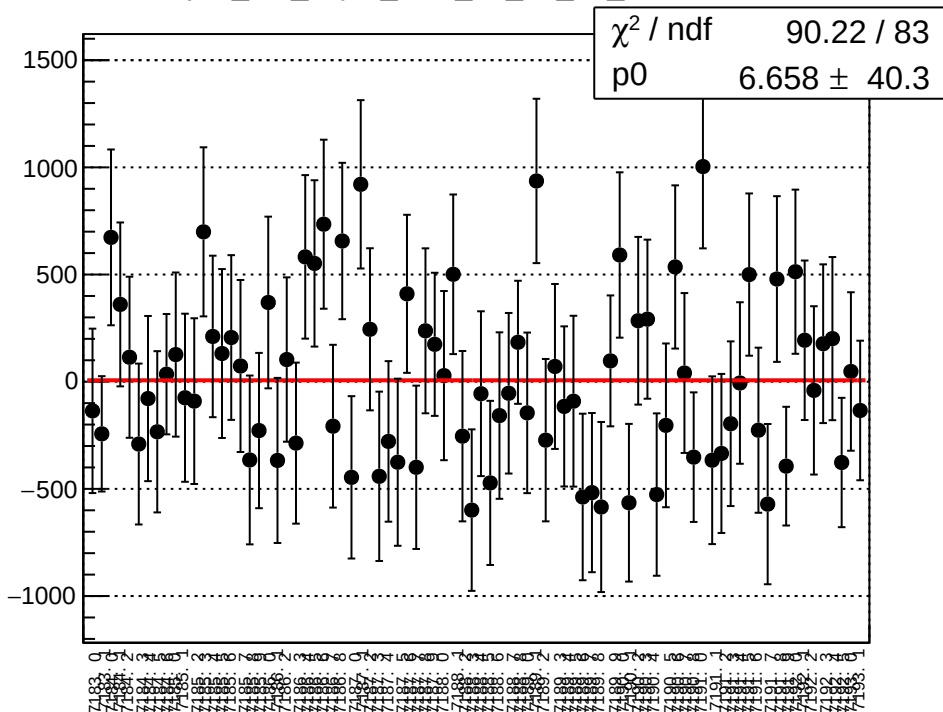
asym_sam_15_37_dd_cor_correction_mean vs run



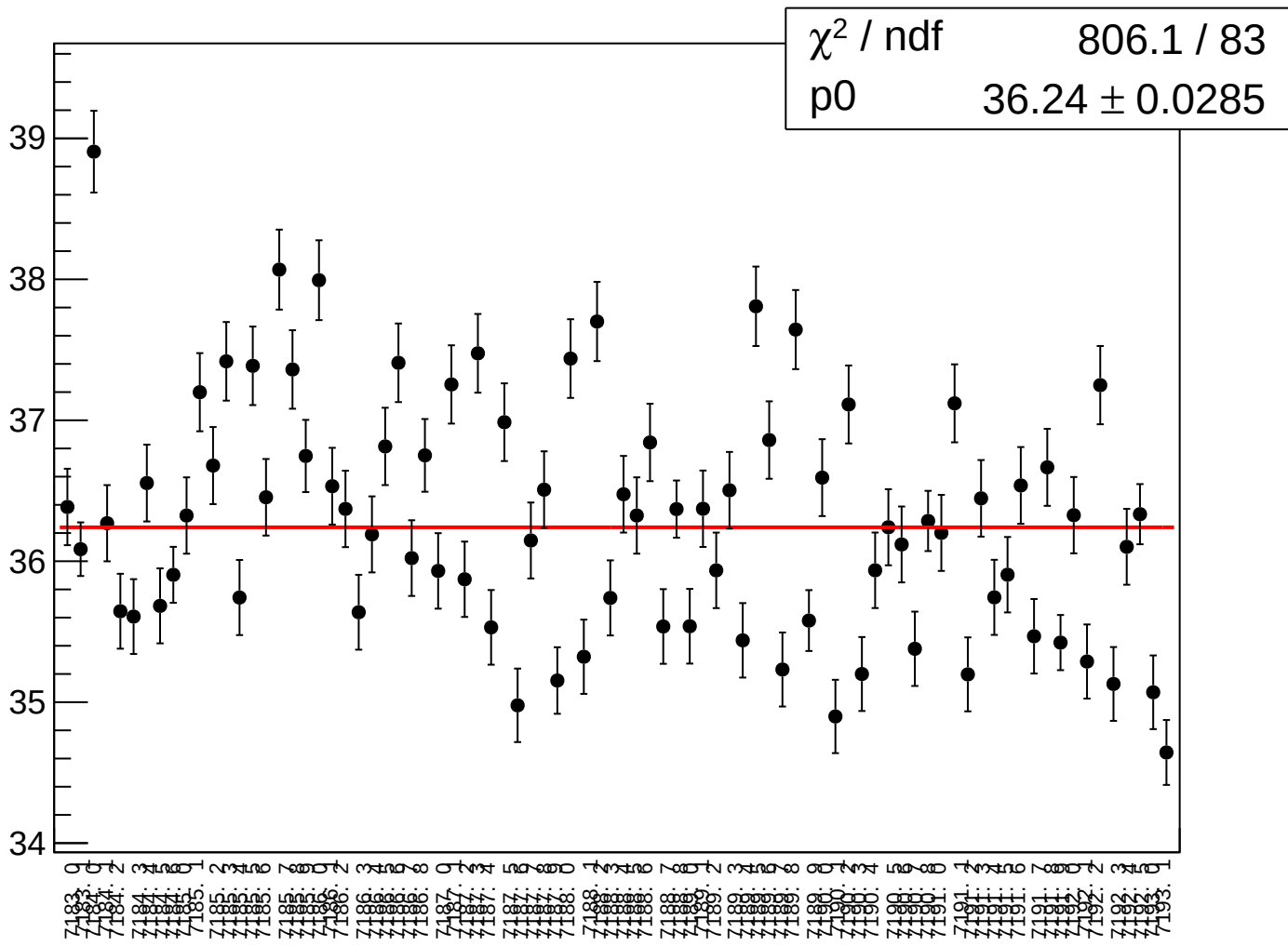
asym_sam_15_37_dd_cor_correction_rms vs run



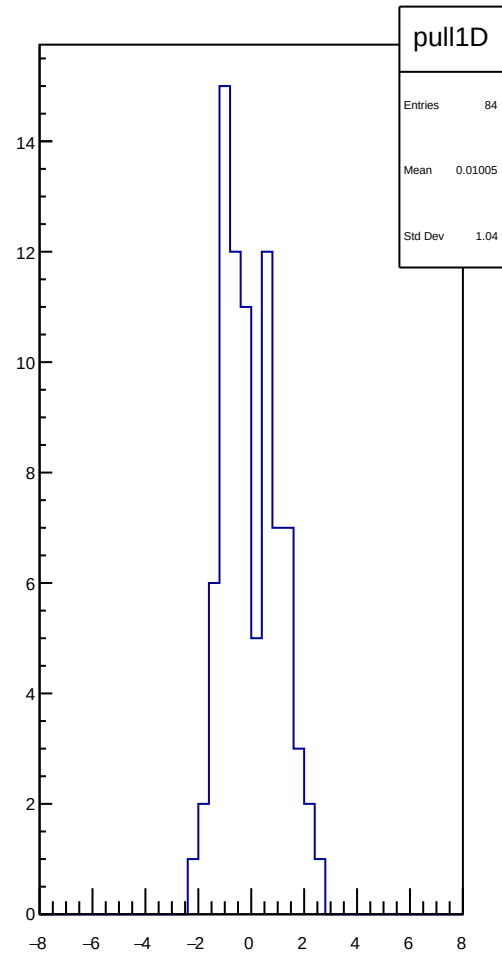
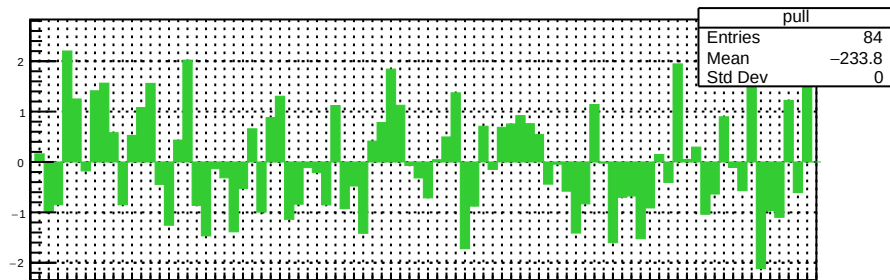
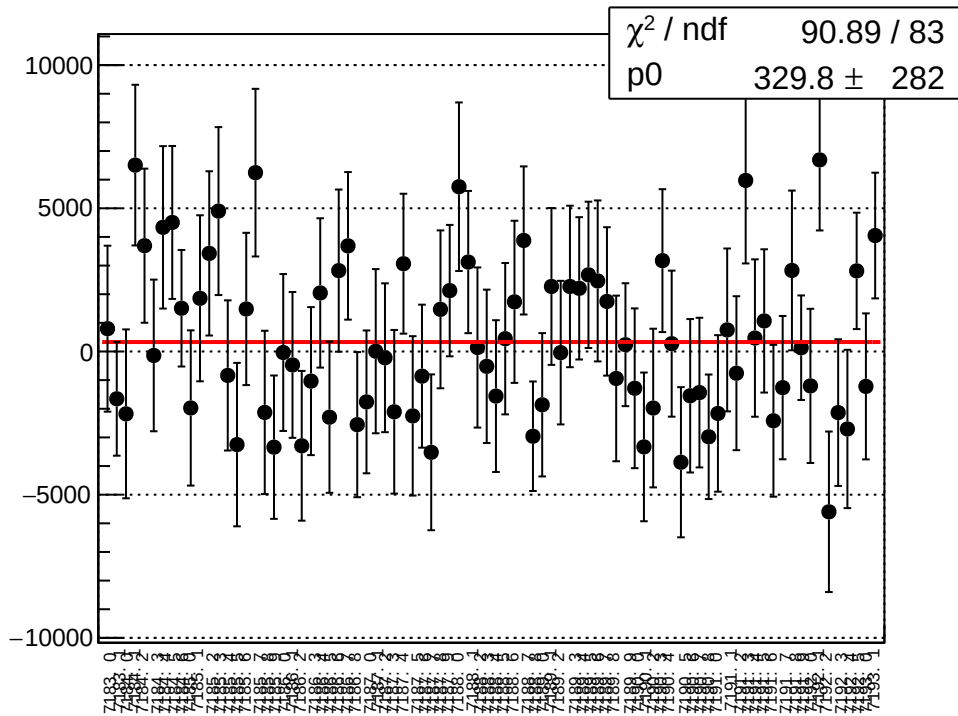
eigen_cor_asym_sam_15_37_dd_mean vs run



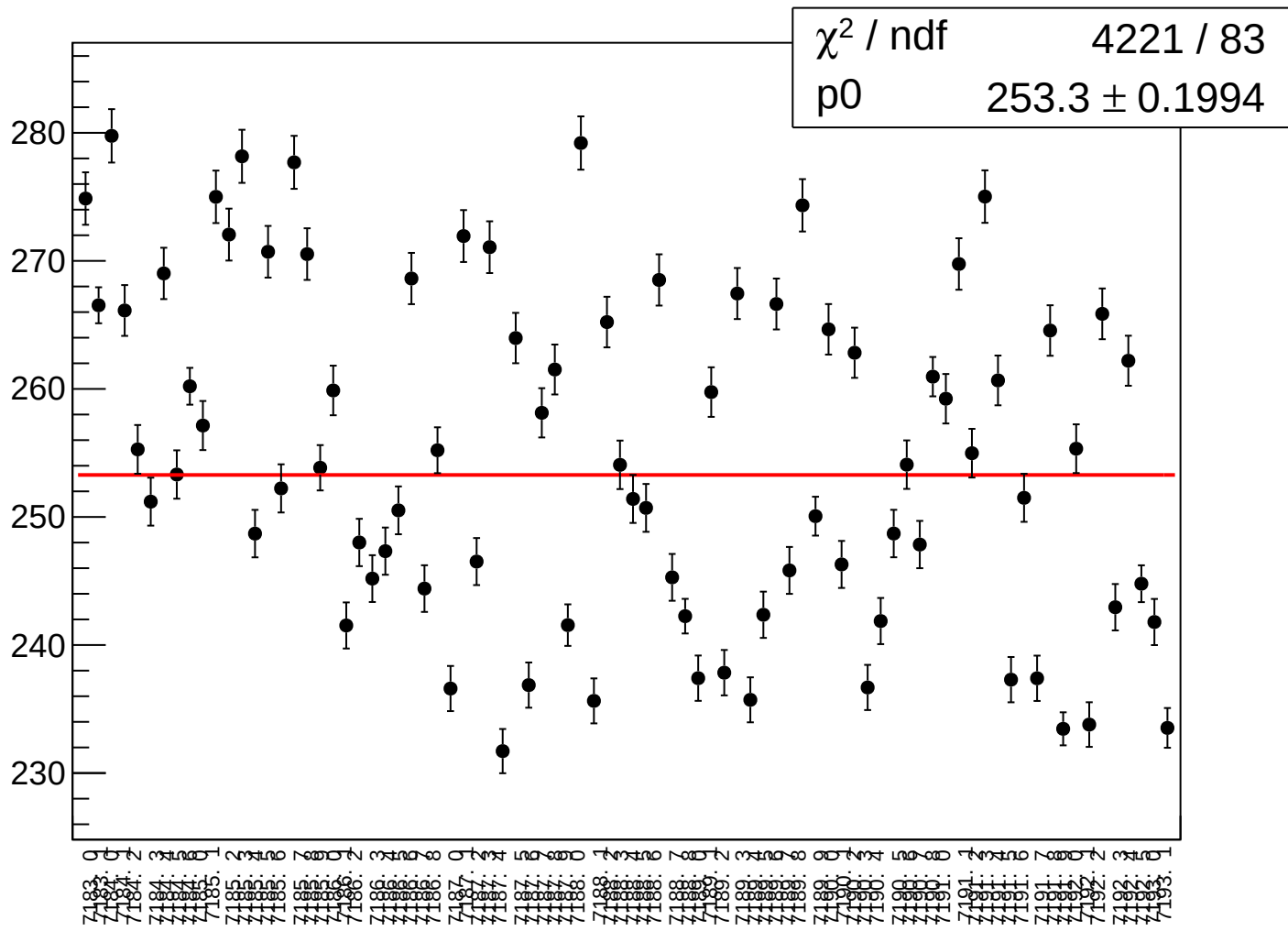
eigen_cor_asym_sam_15_37_dd_rms vs run



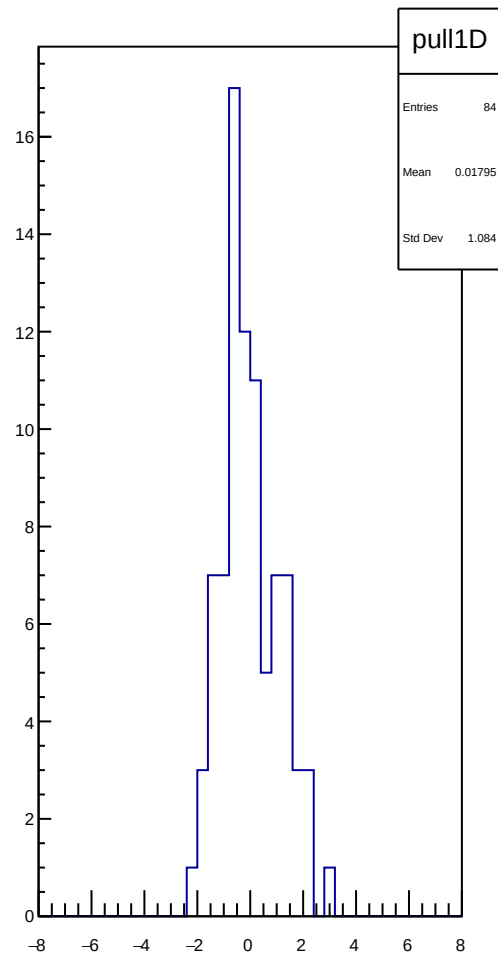
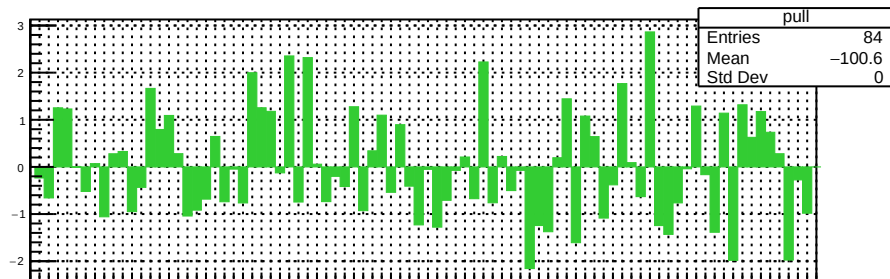
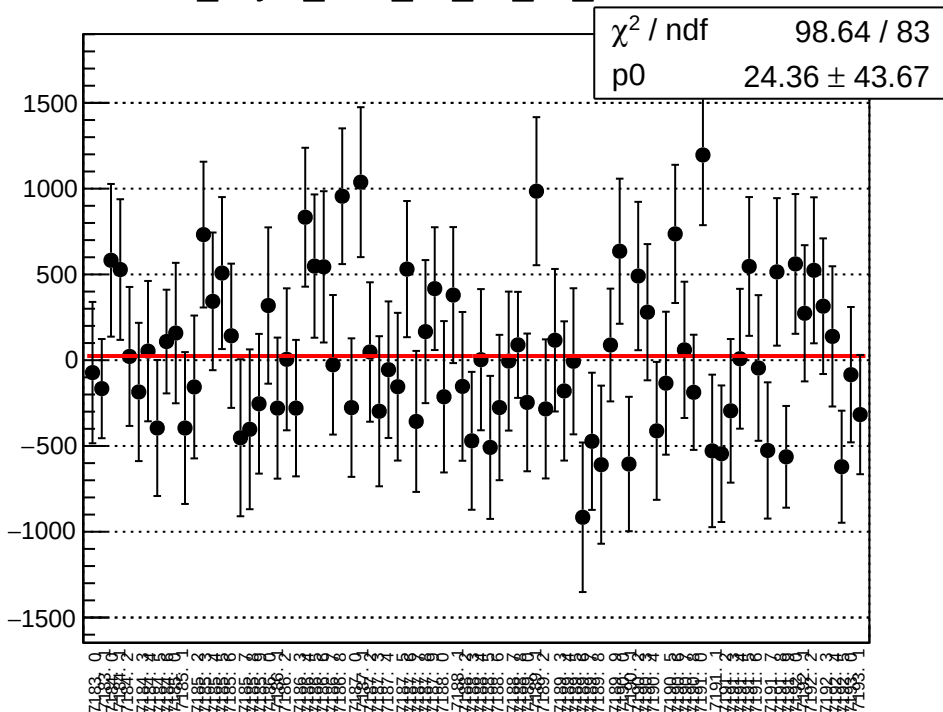
asym_sam_15_37_dd_eigen_cor_correction_mean vs run



asym_sam_15_37_dd_eigen_cor_correction_rms vs run



dit_asym_sam_15_37_dd_mean vs run



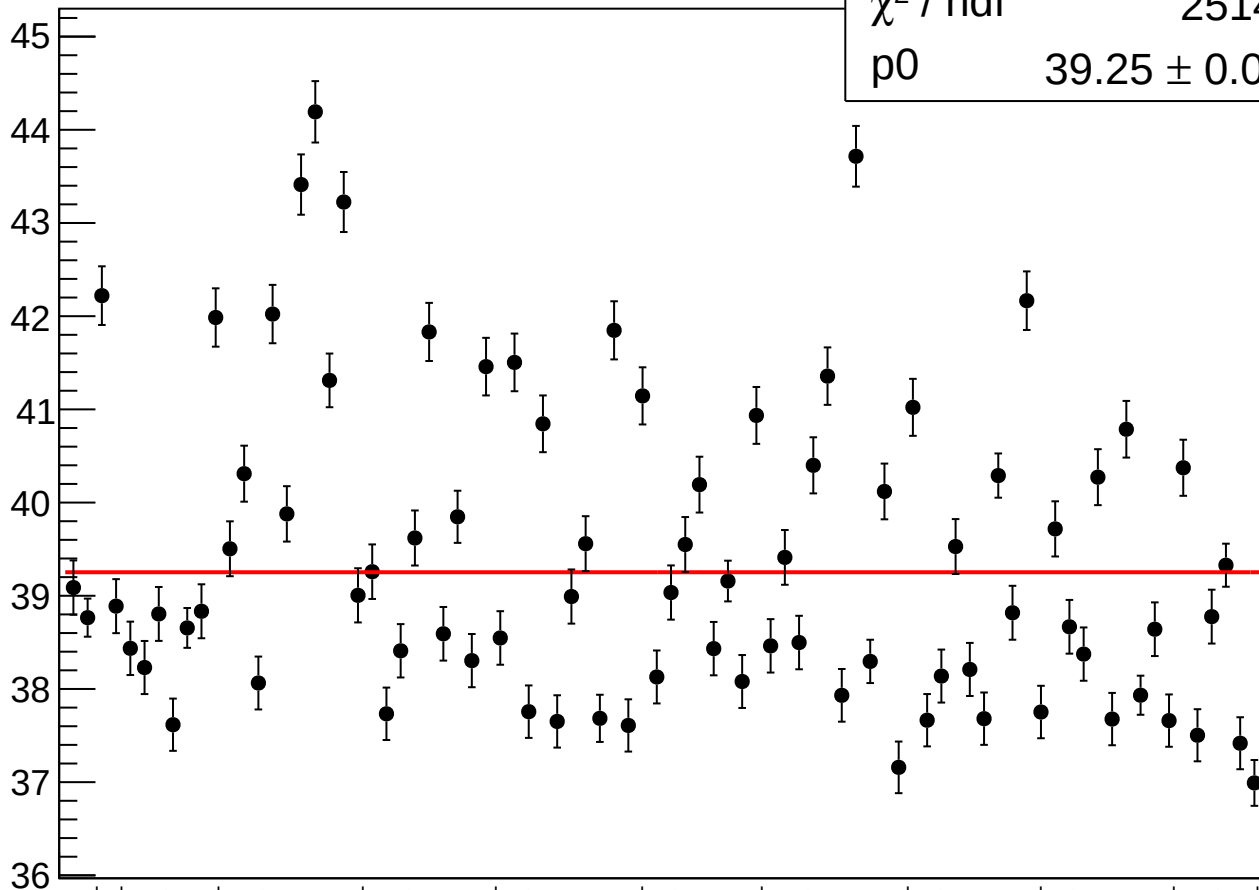
dit_asym_sam_15_37_dd_rms vs run

χ^2 / ndf

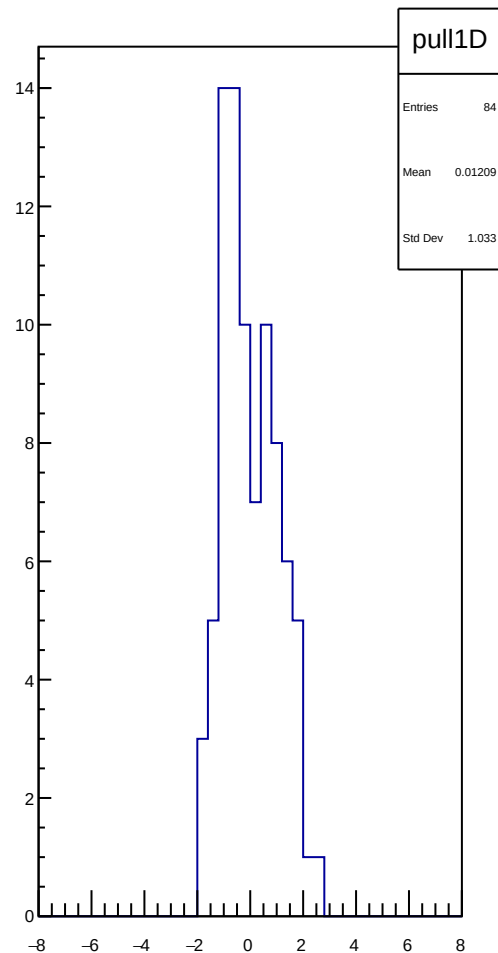
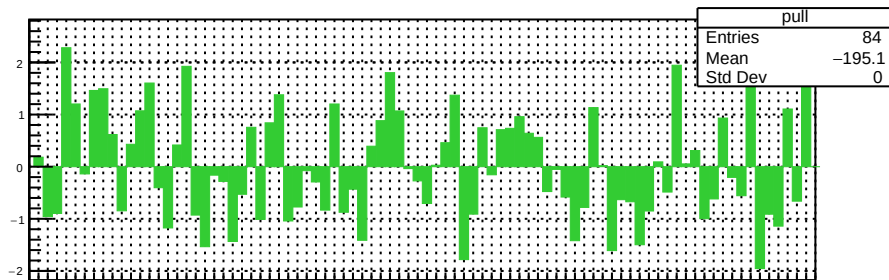
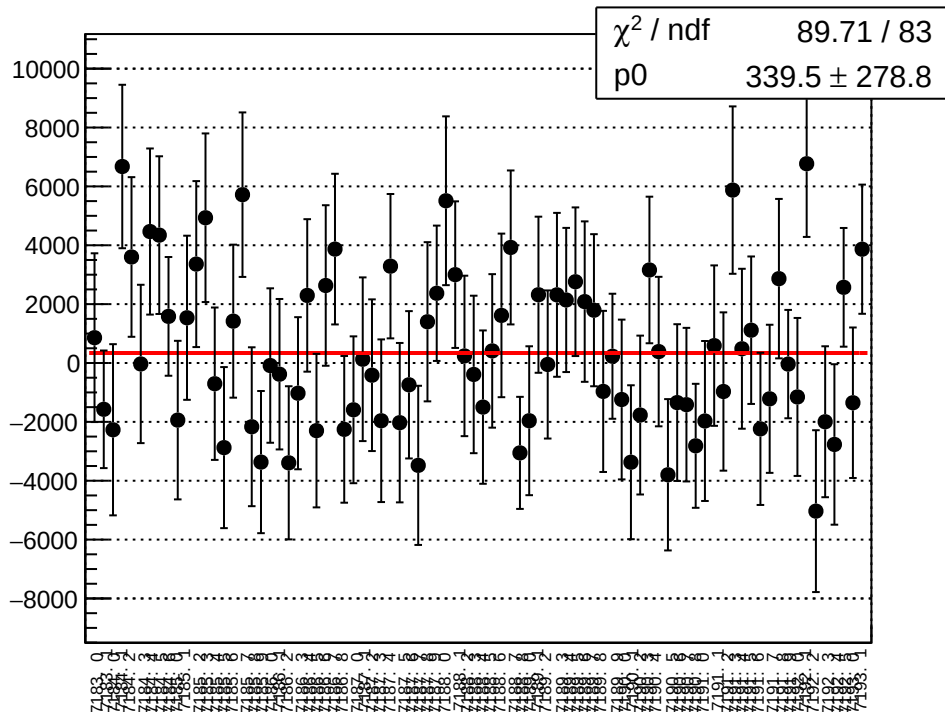
2514 / 83

p0

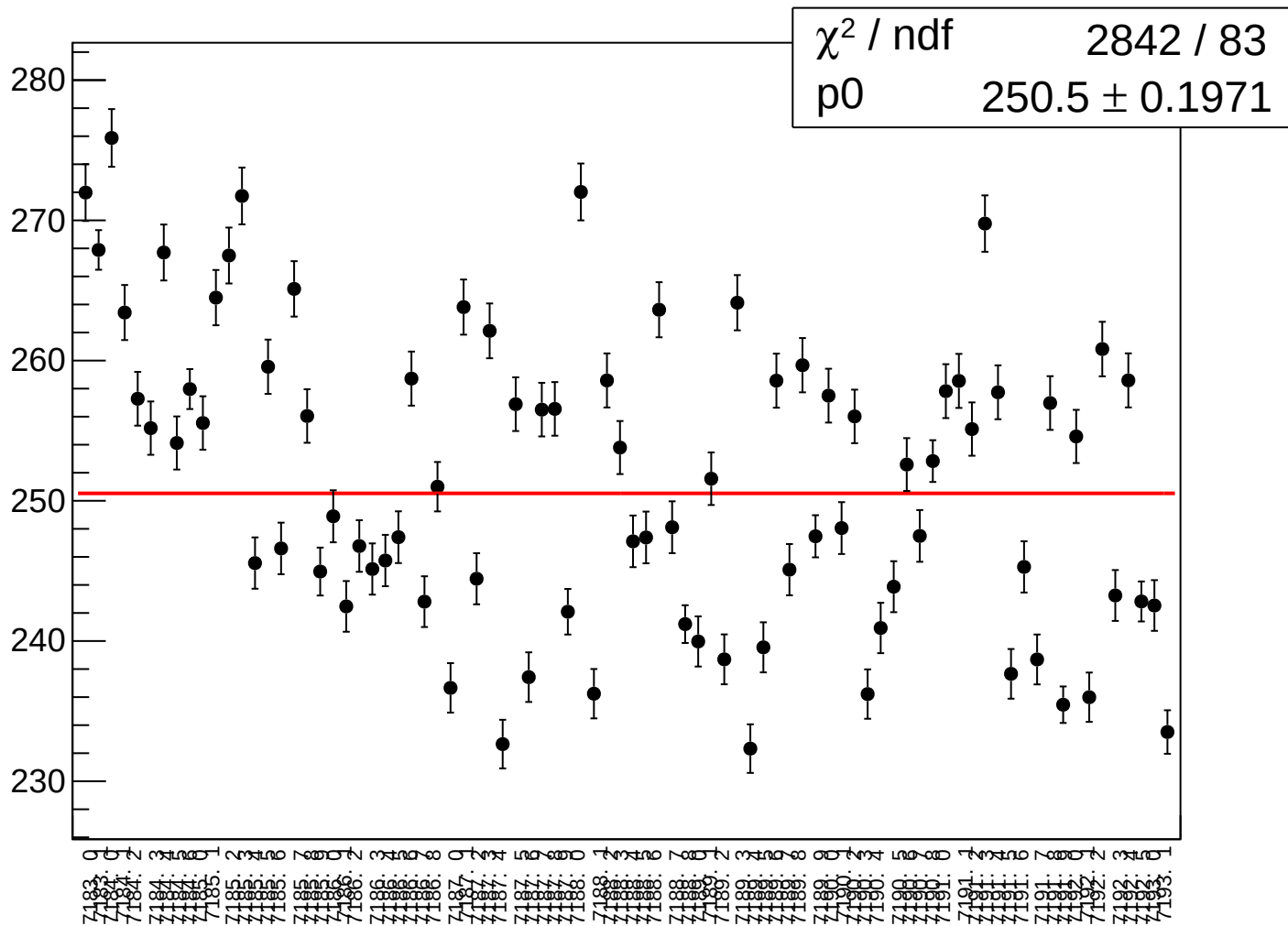
39.25 ± 0.03088



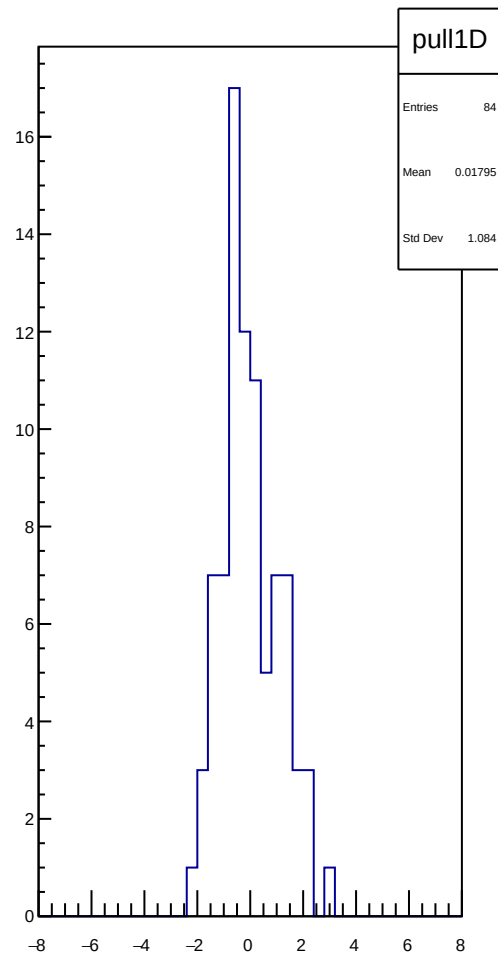
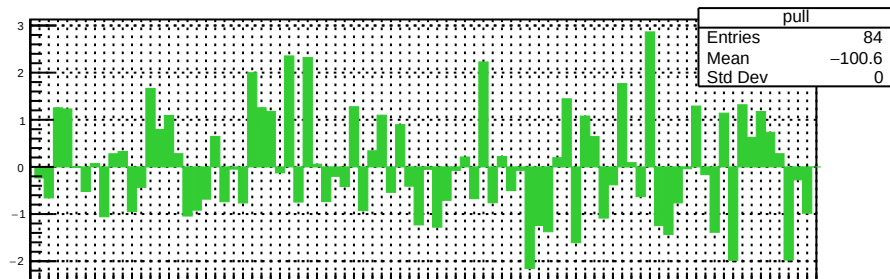
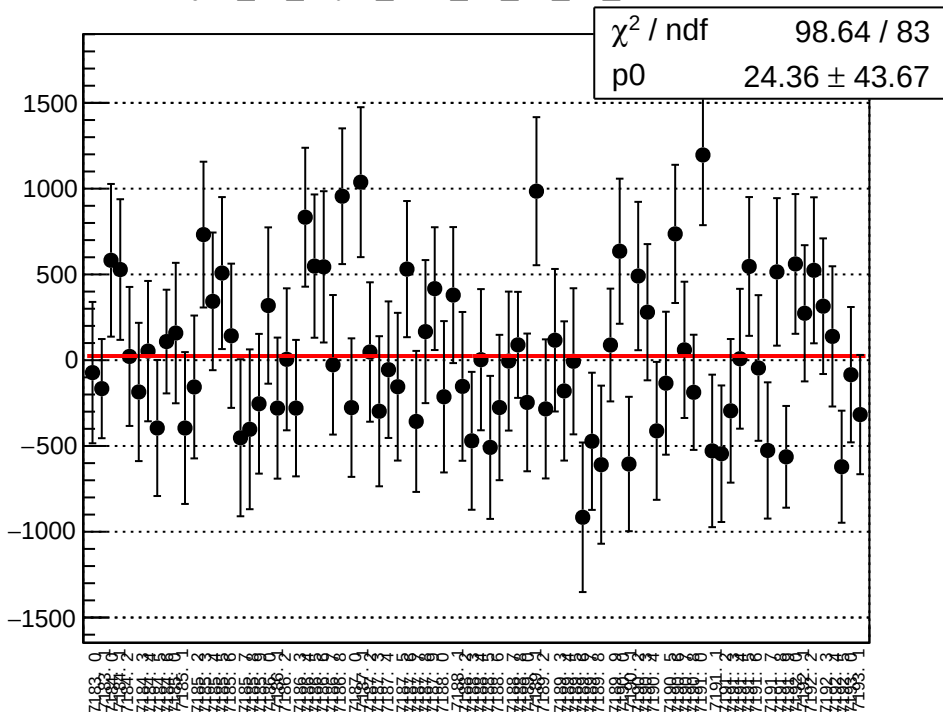
asym_sam_15_37_dd_dit_correction_mean vs run



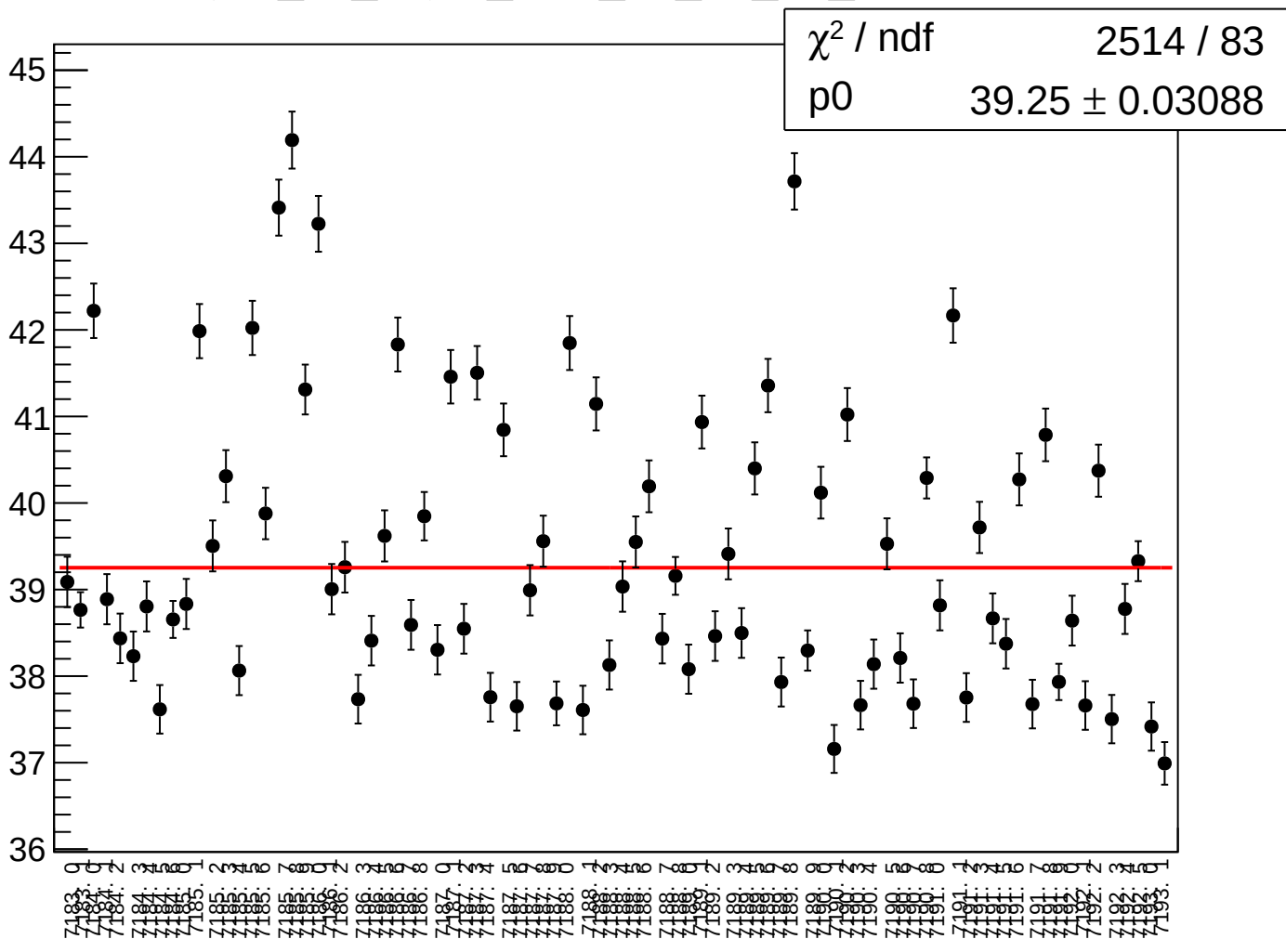
asym_sam_15_37_dd_dit_correction_rms vs run



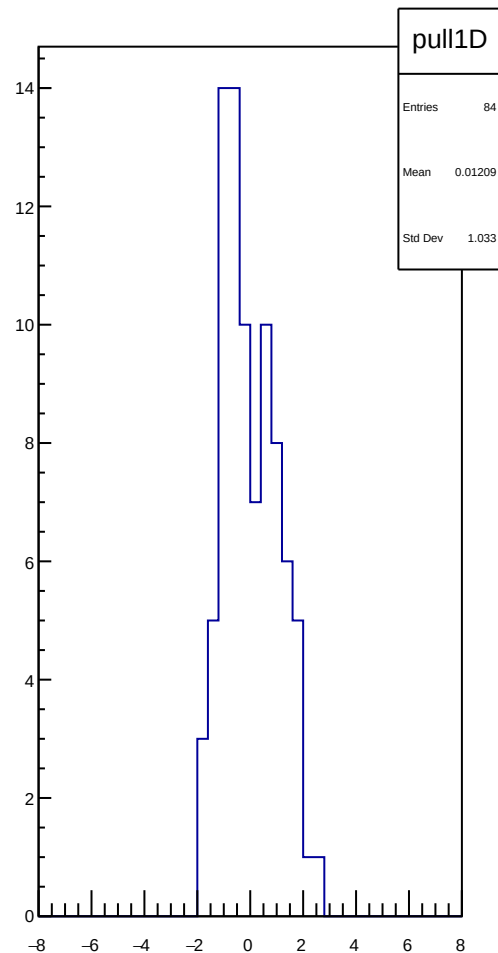
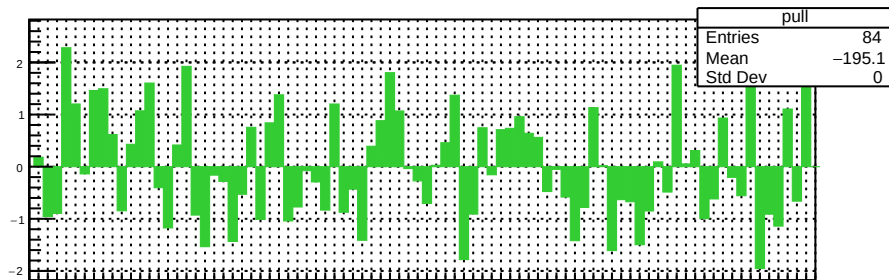
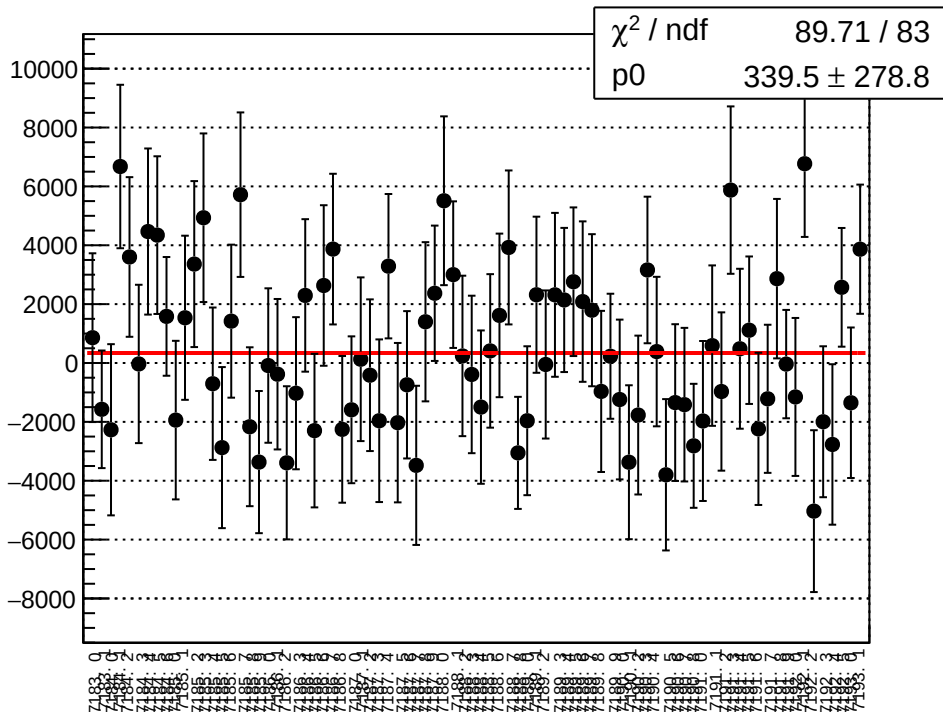
eigen_dit_asym_sam_15_37_dd_mean vs run



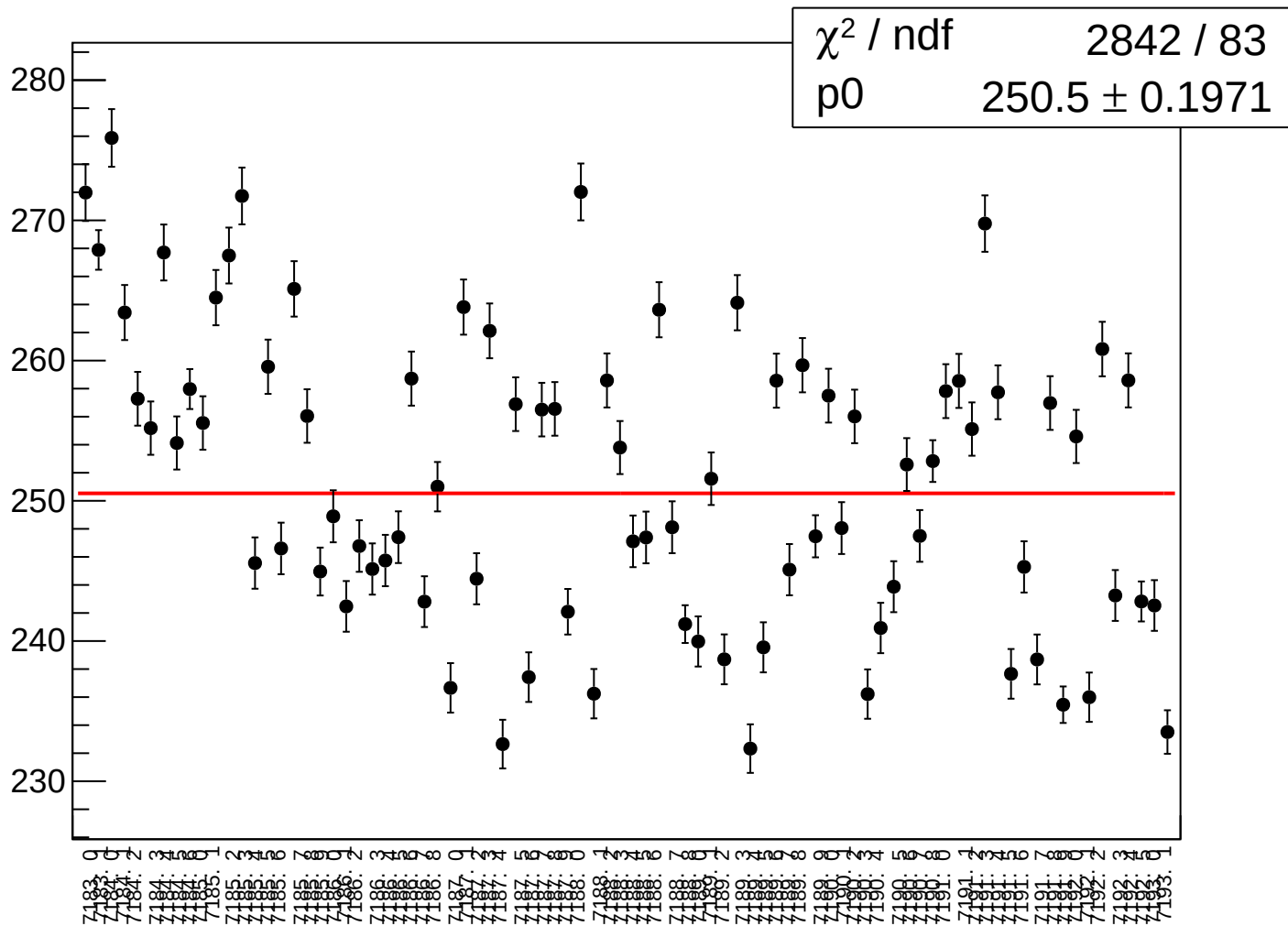
eigen_dit_asym_sam_15_37_dd_rms vs run



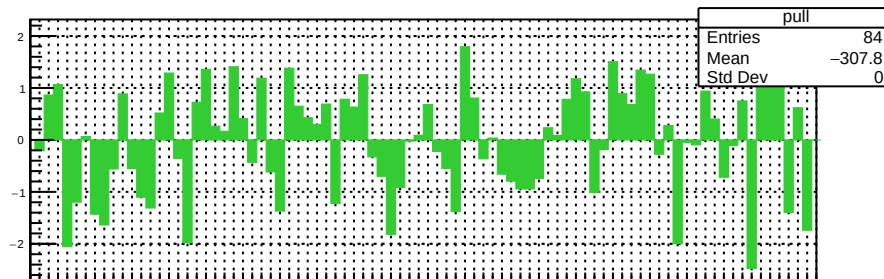
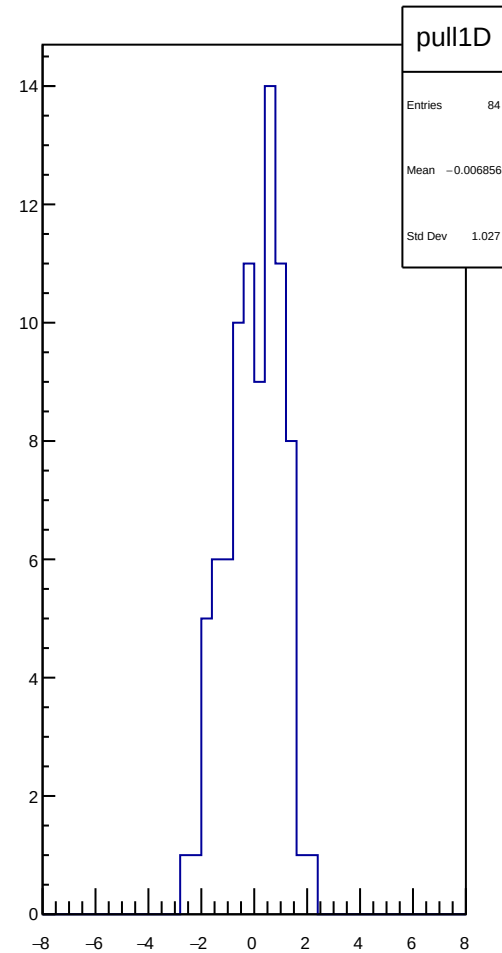
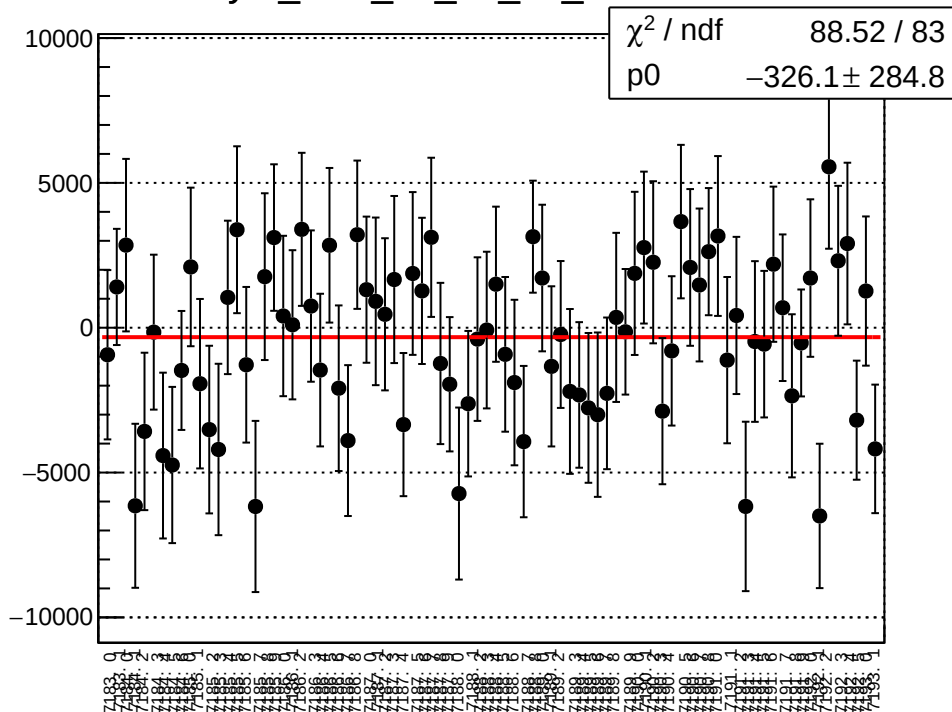
asym_sam_15_37_dd_eigen_dit_correction_mean vs run



asym_sam_15_37_dd_eigen_dit_correction_rms vs run



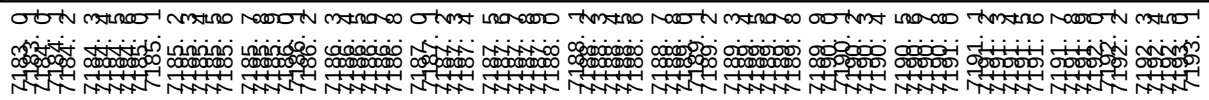
asym_sam_15_37_dd_mean vs run



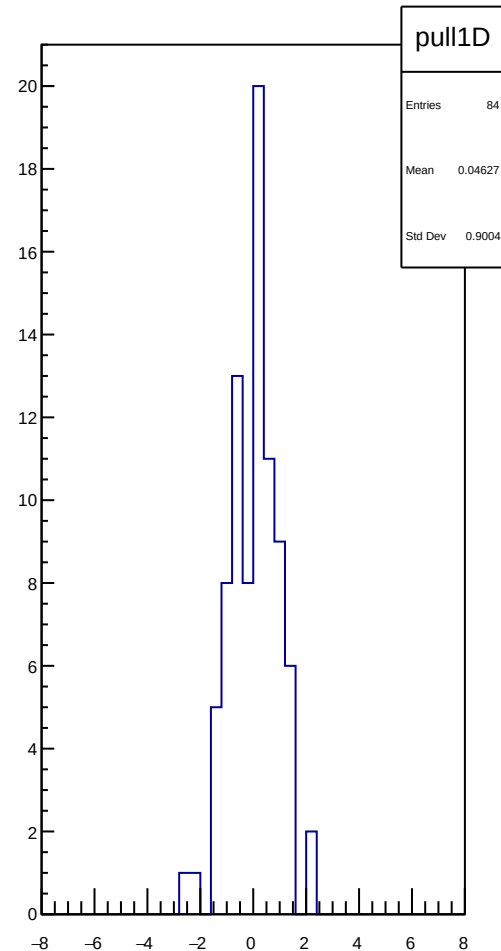
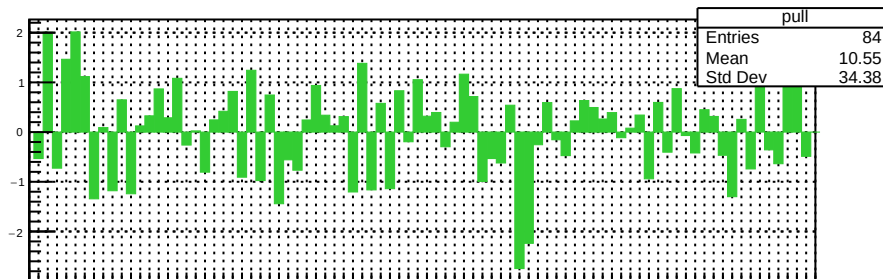
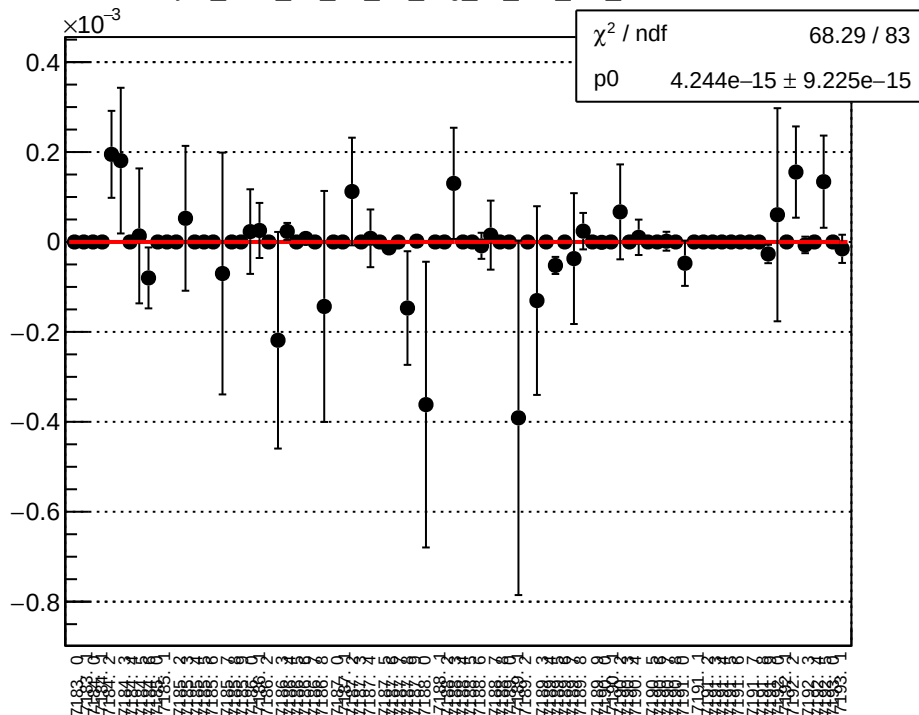
χ^2 / ndf

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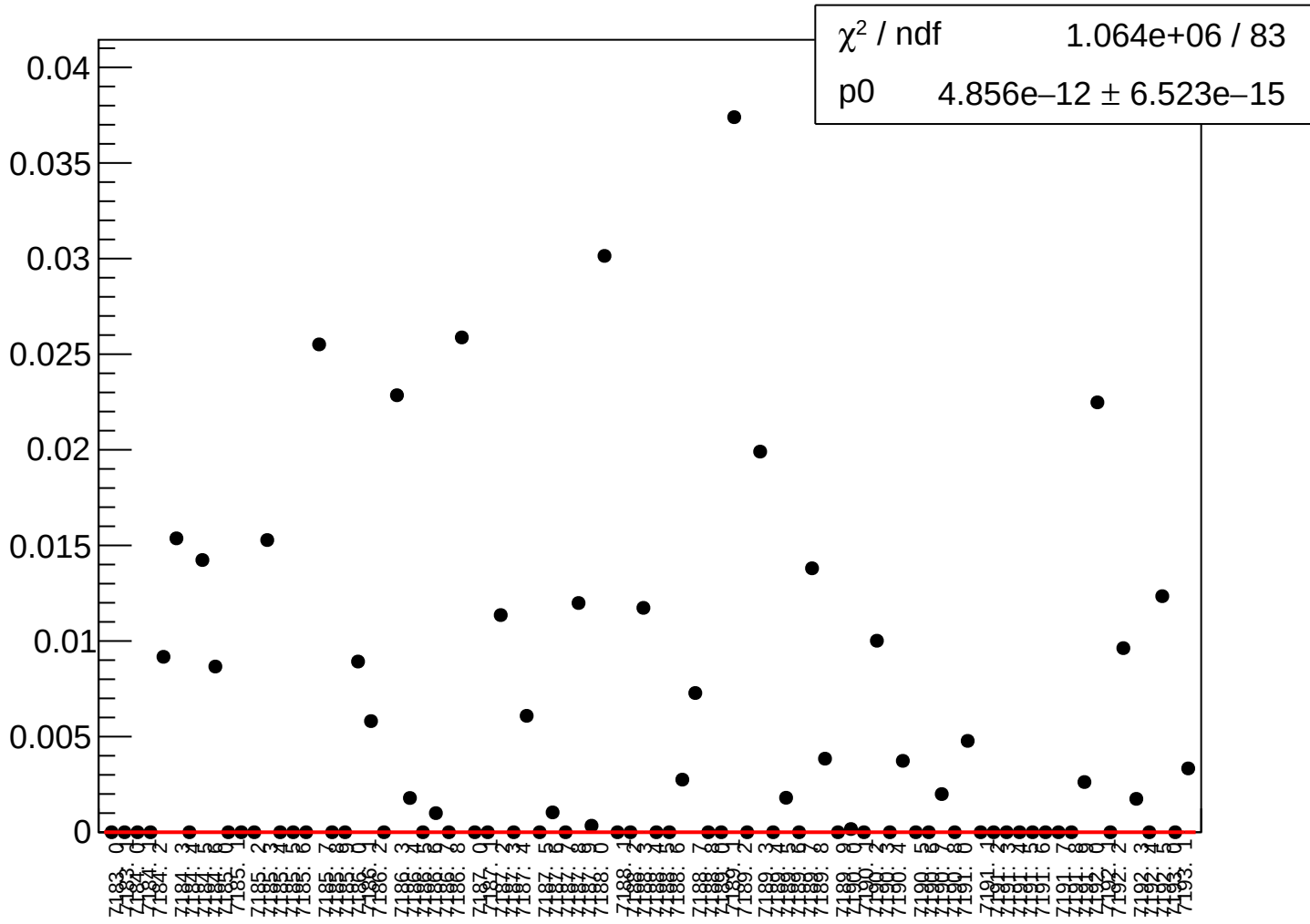
p0

$$255.9 \pm 0.2014$$


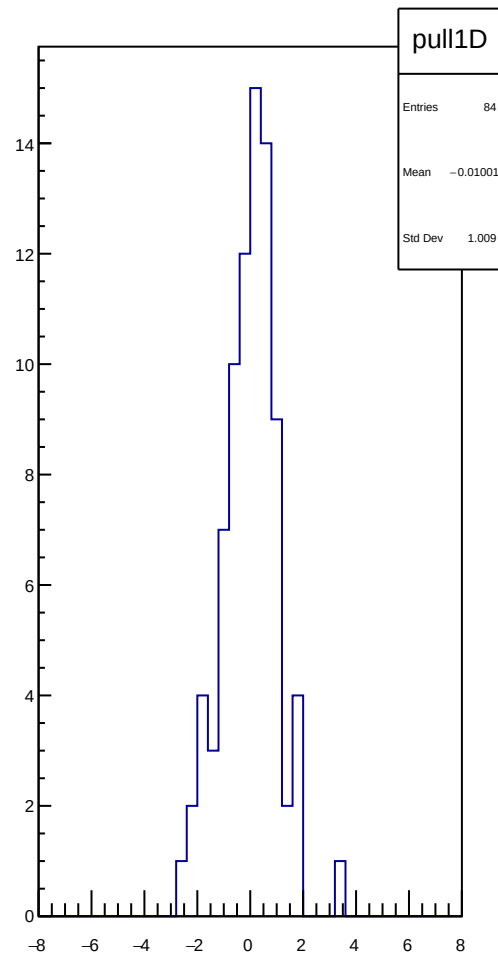
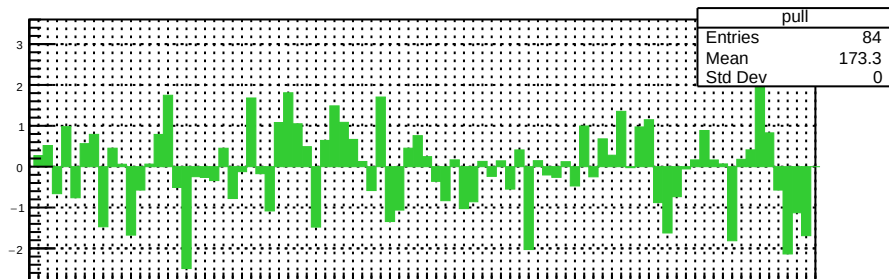
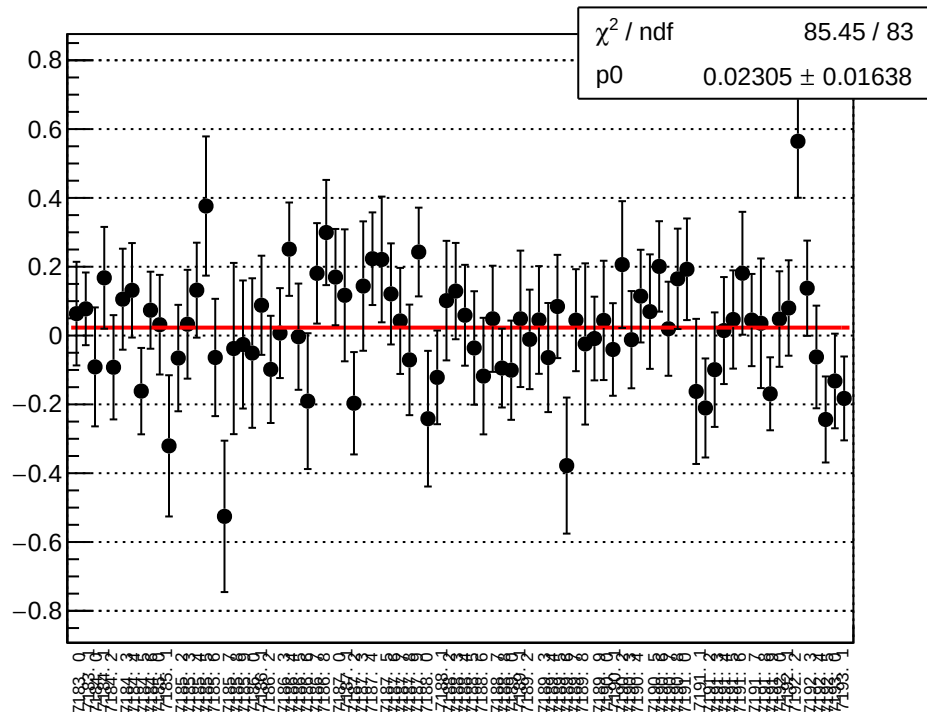
asym_sam_15_37_dd_reg_vs_cor_diff_mean vs run



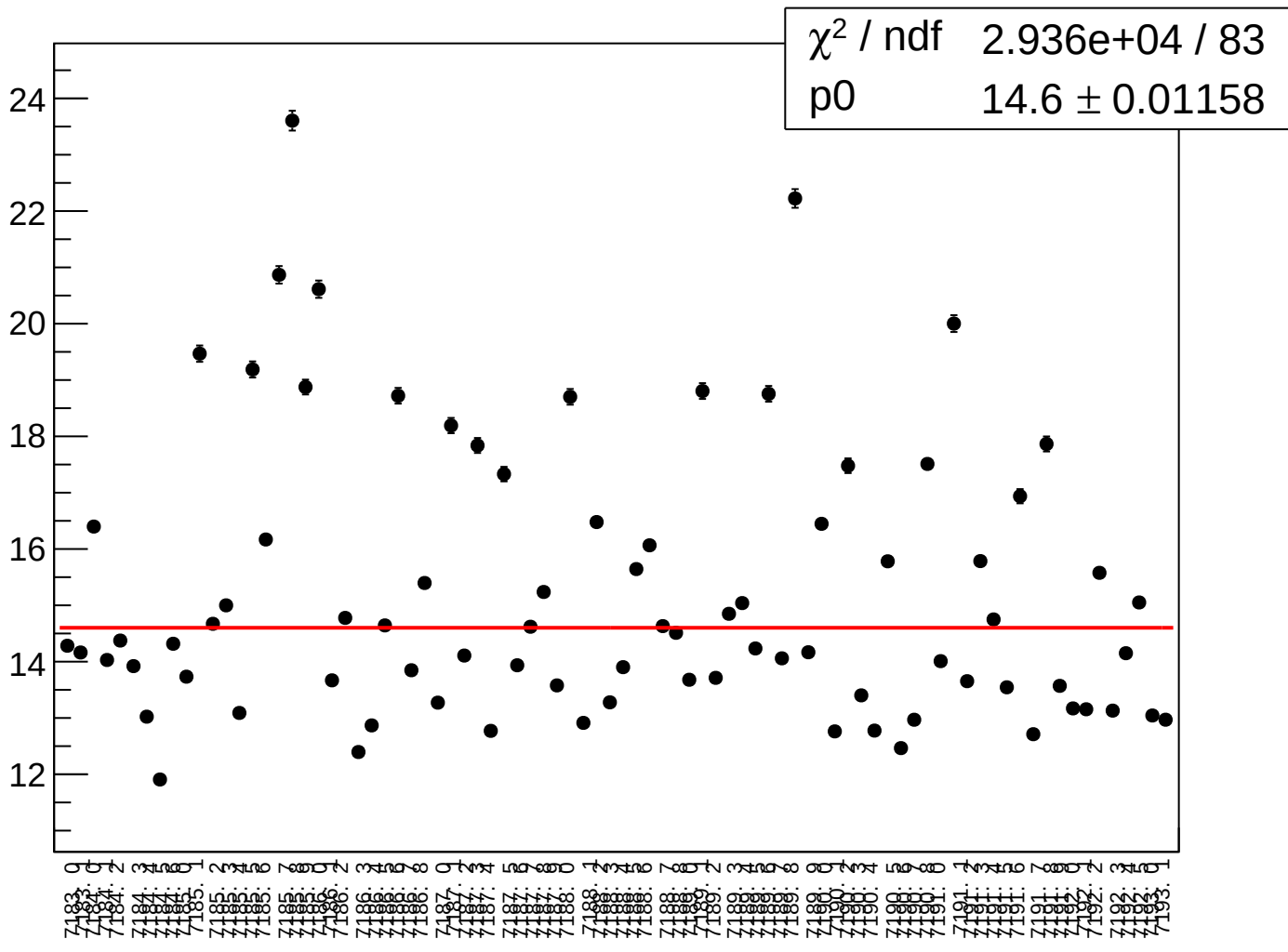
asym_sam_15_37_dd_reg_vs_cor_diff_rms vs run



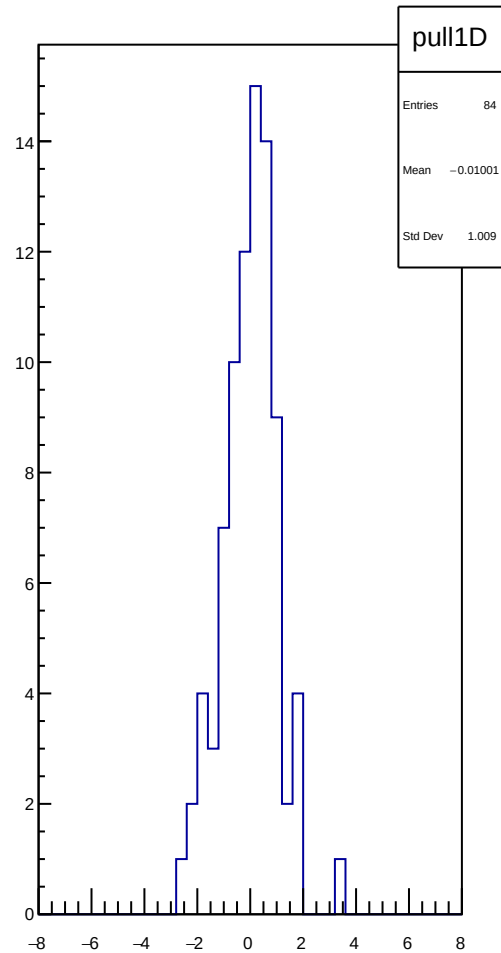
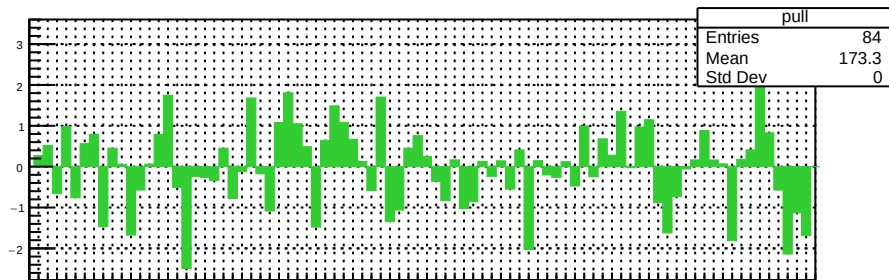
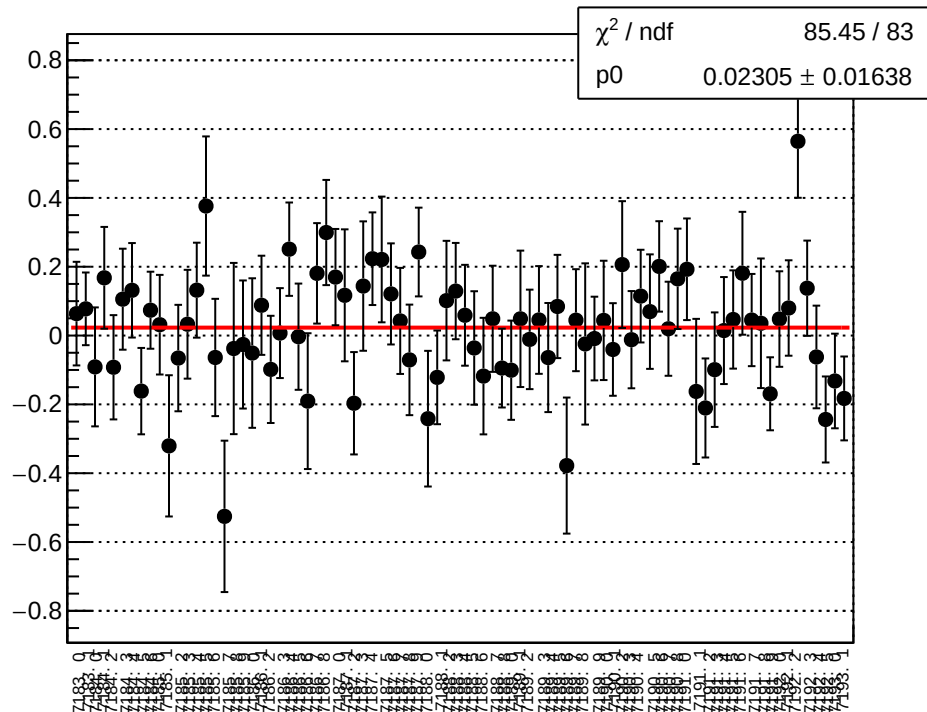
asym_sam_15_37_dd_dit_vs_cor_diff_mean vs run



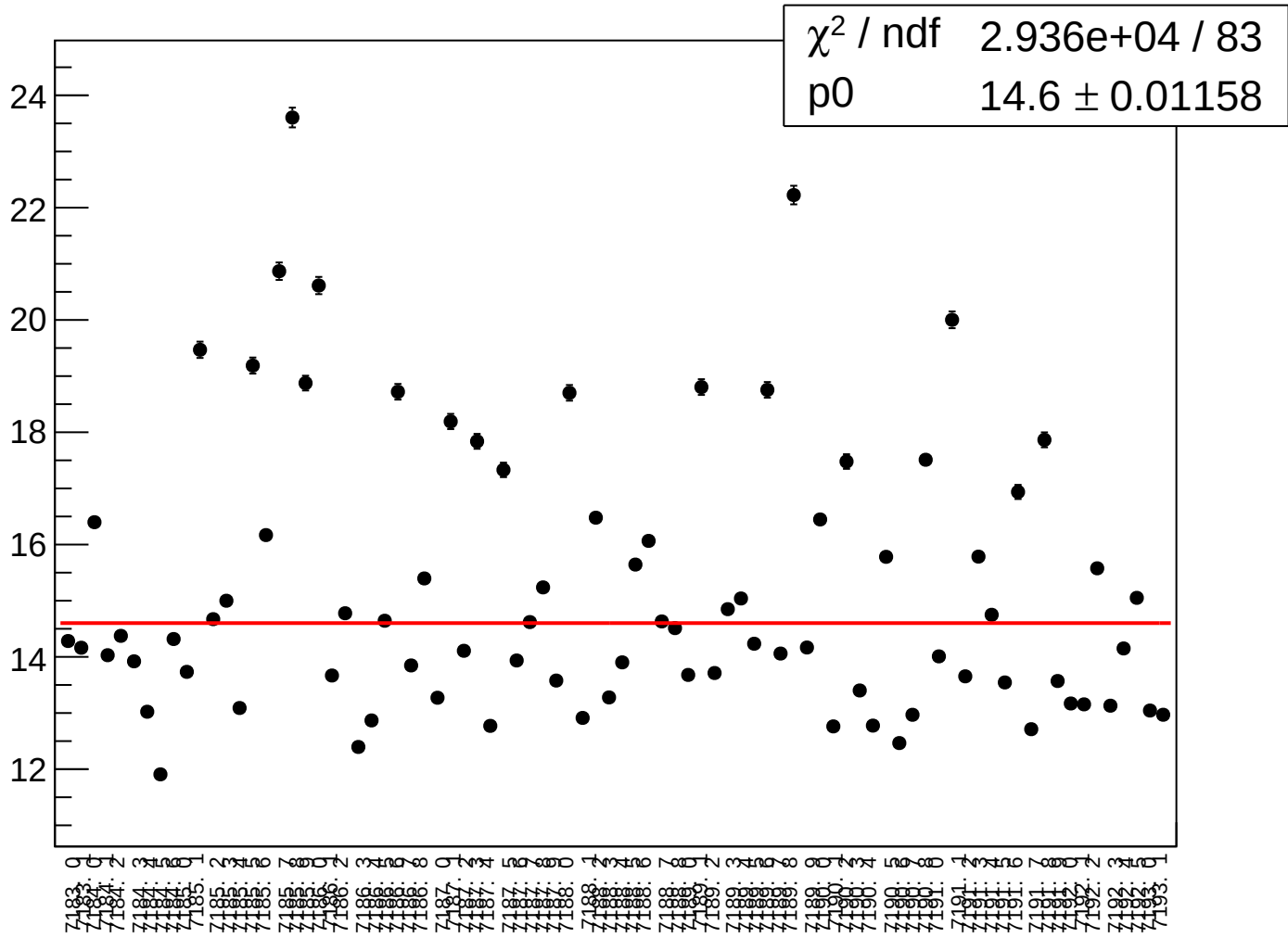
asym_sam_15_37_dd_dit_vs_cor_diff_rms vs run



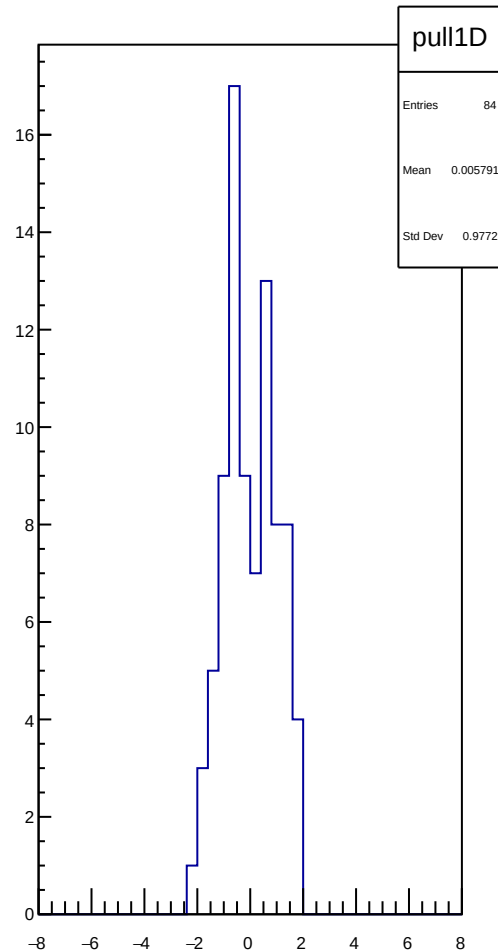
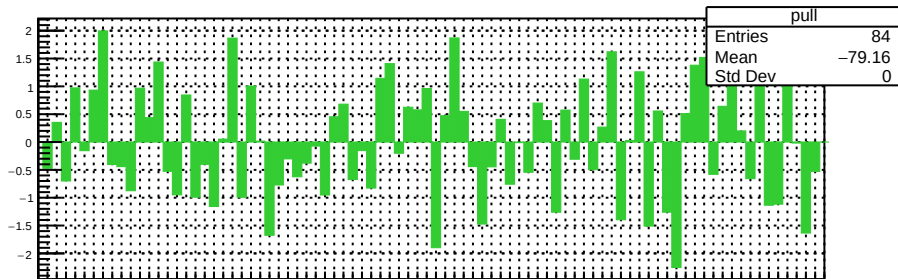
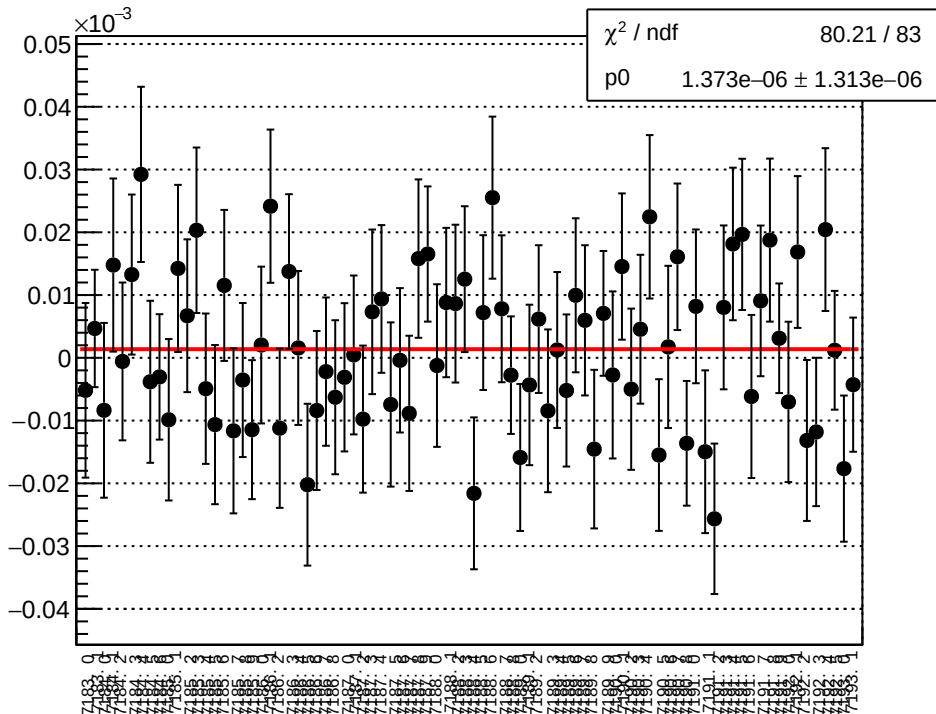
asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs run



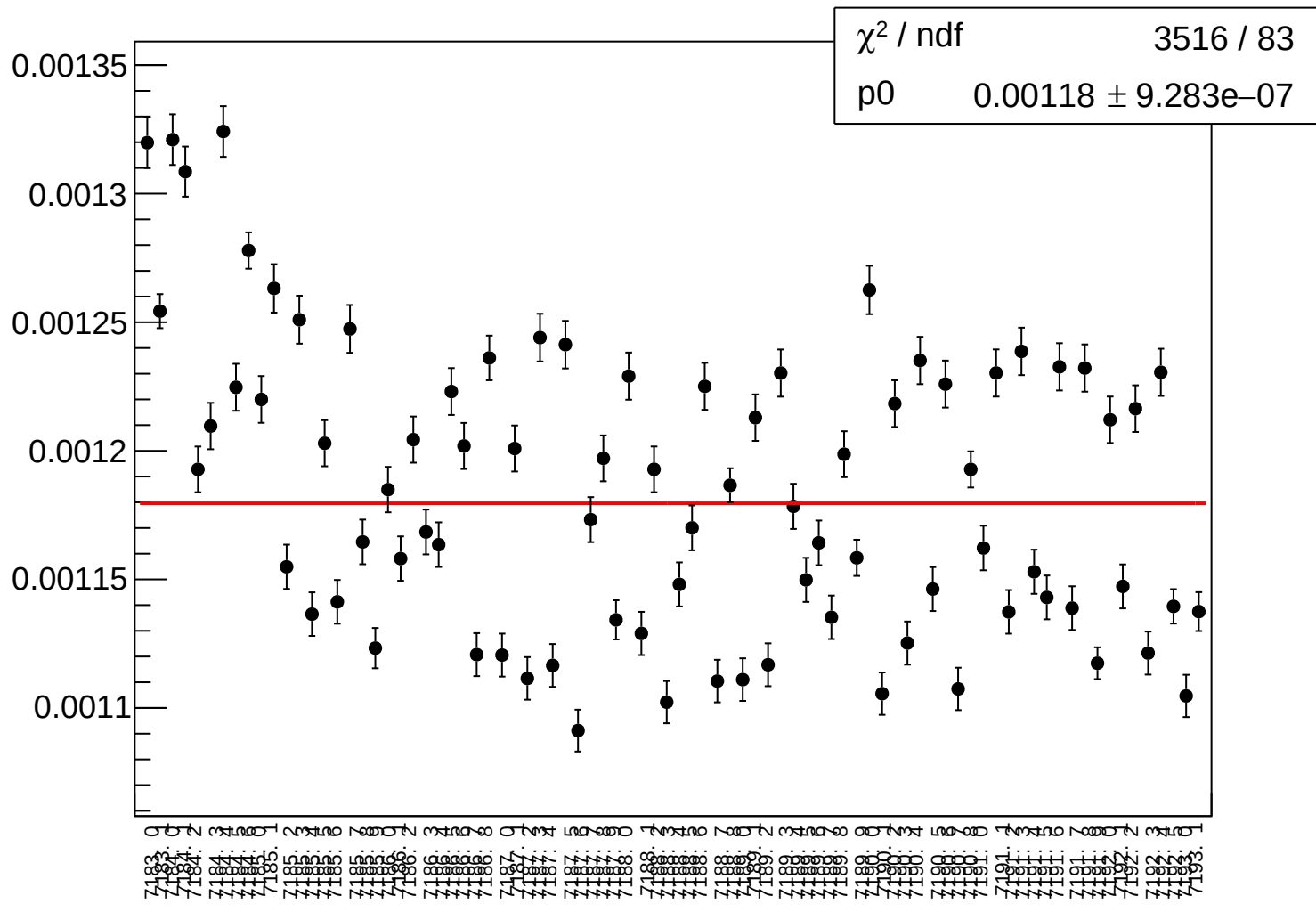
asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs run



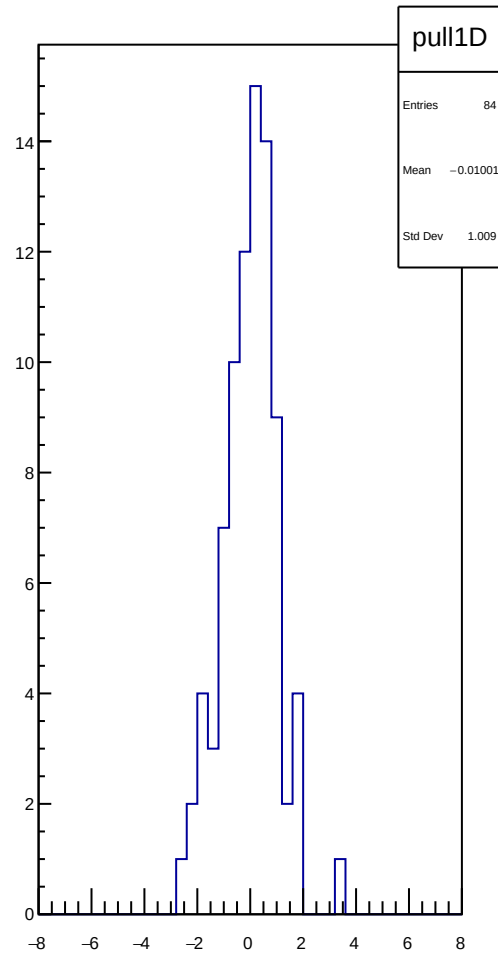
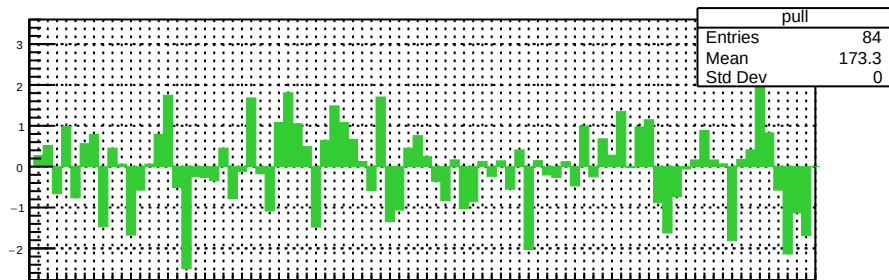
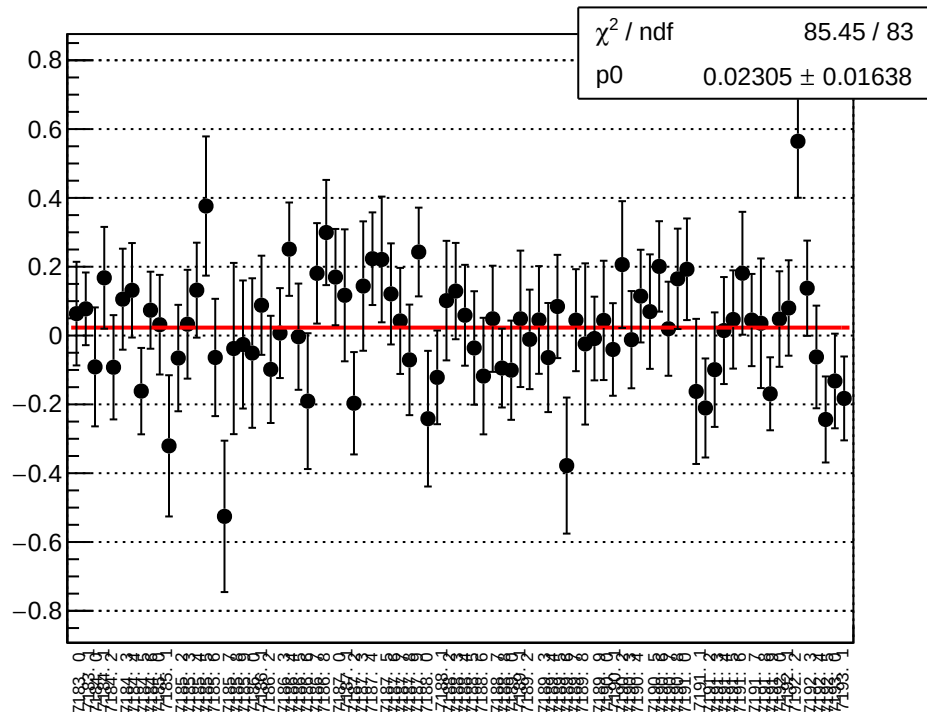
asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs run



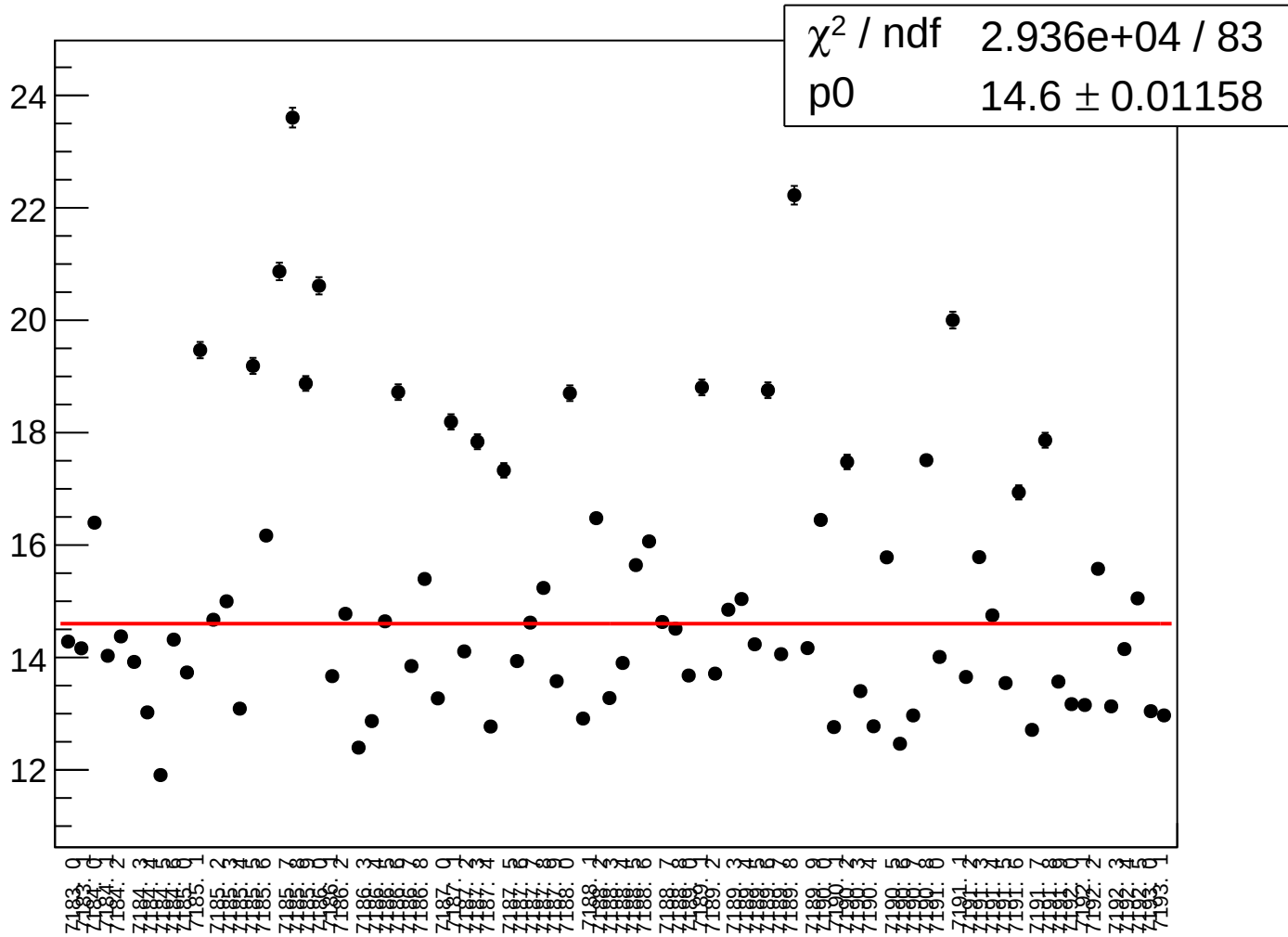
asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs run



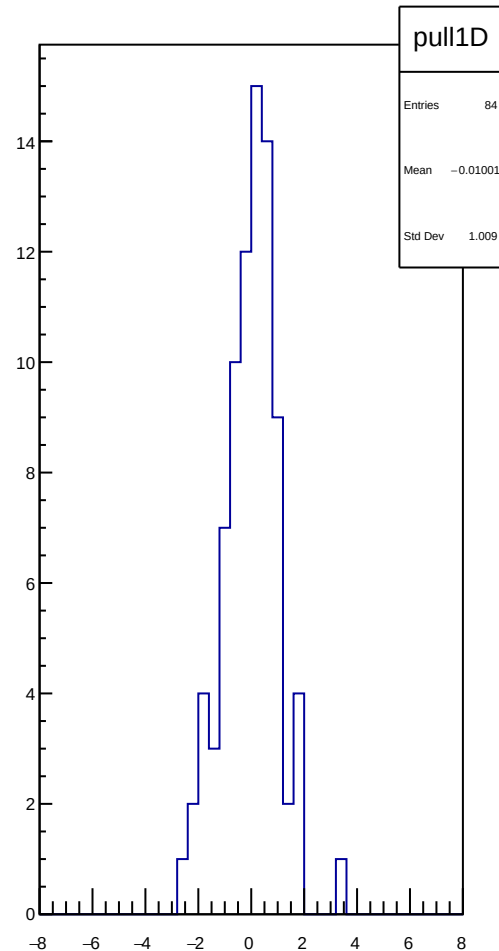
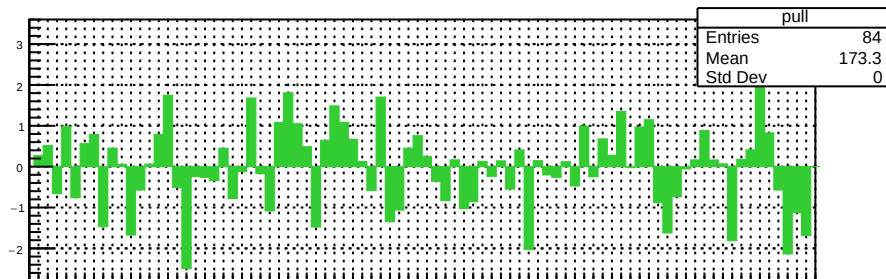
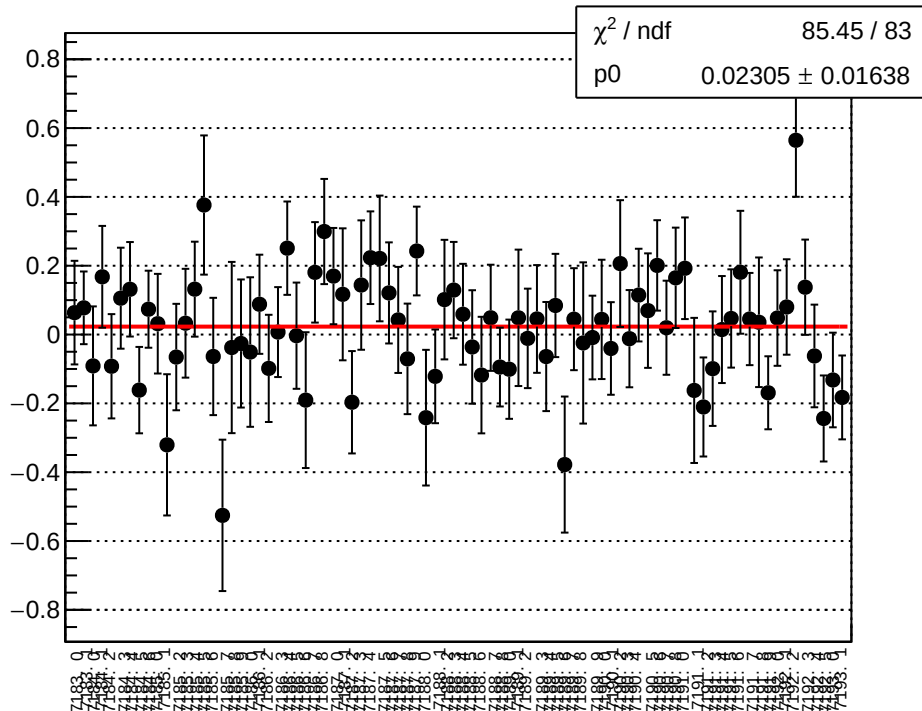
asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs run



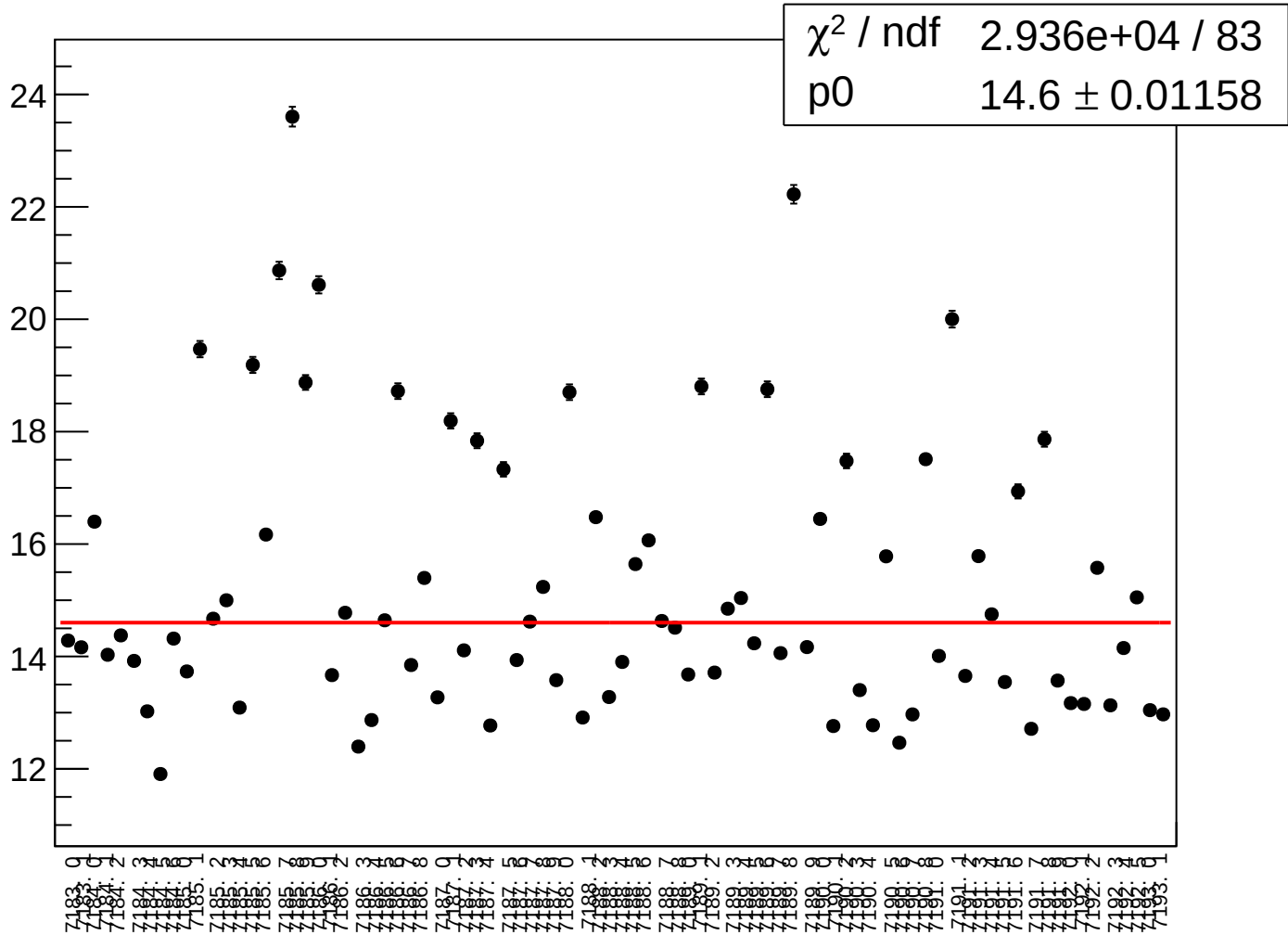
asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs run



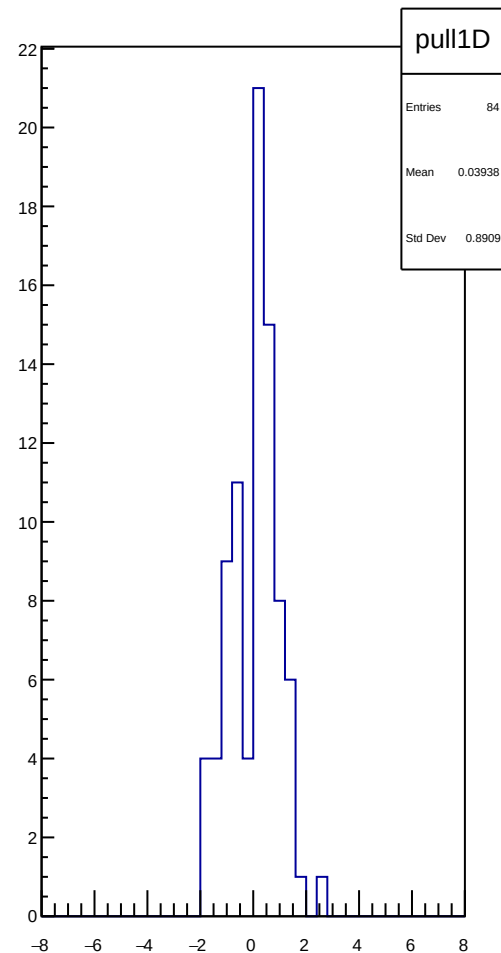
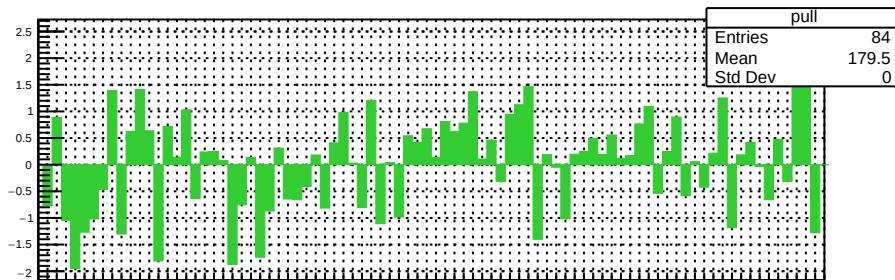
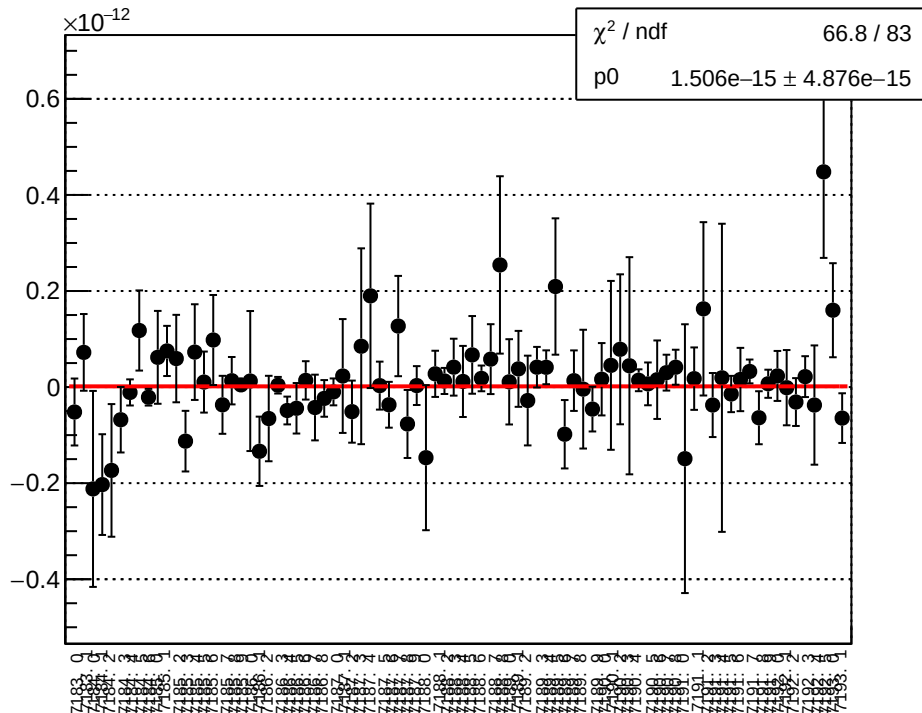
asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



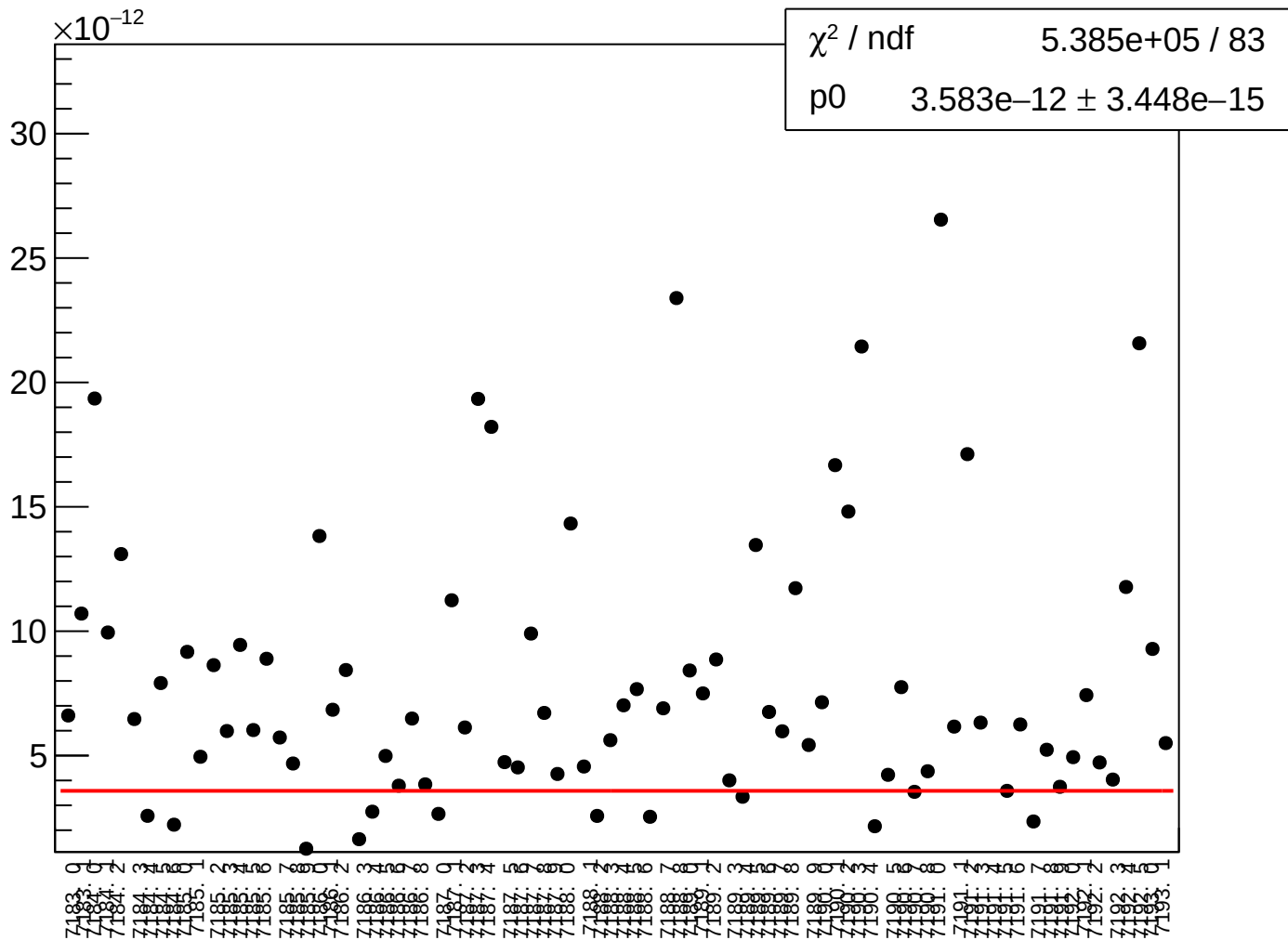
asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



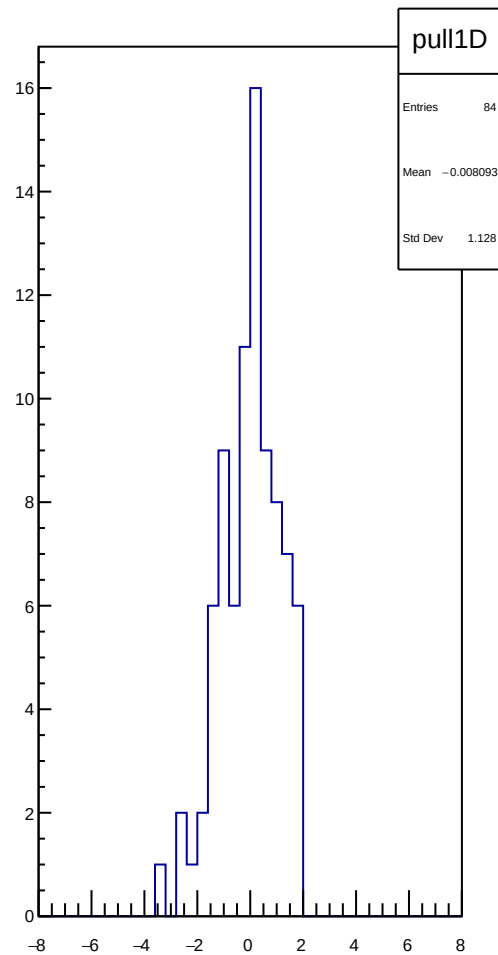
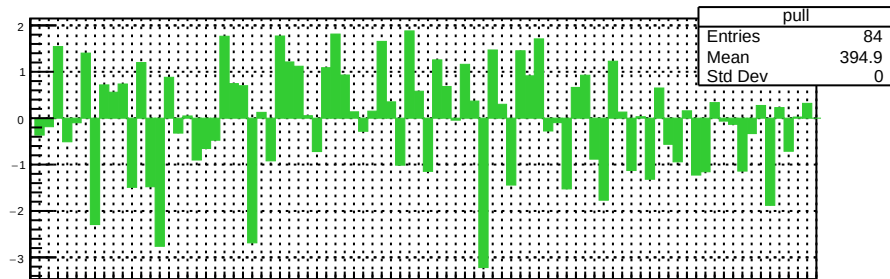
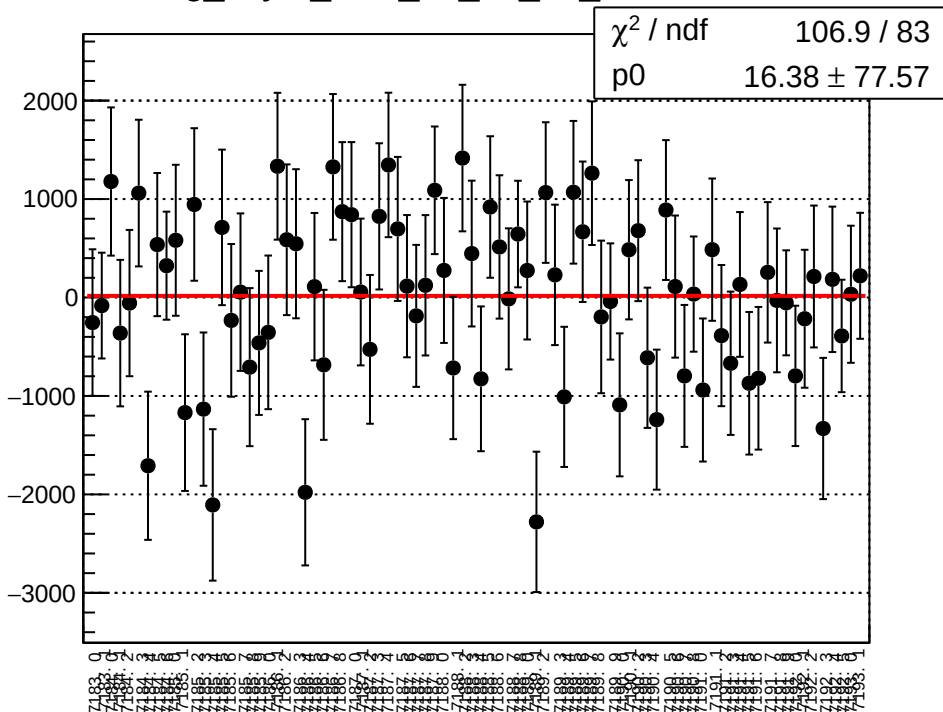
asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_24_68_dd_mean vs run



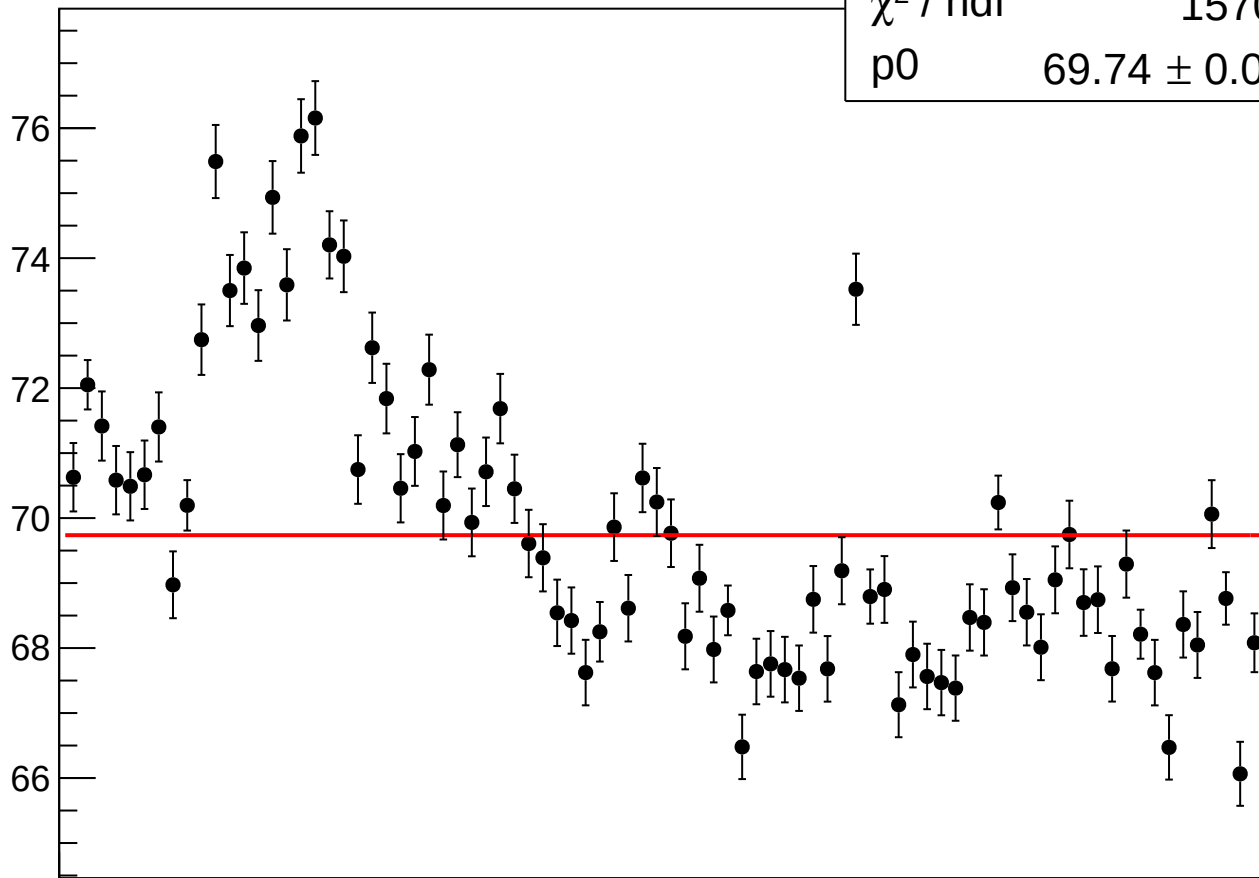
reg_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

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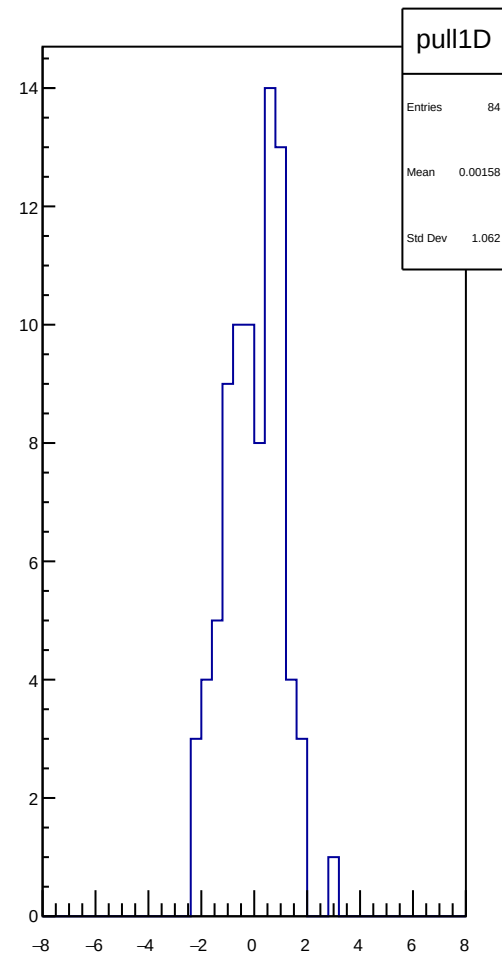
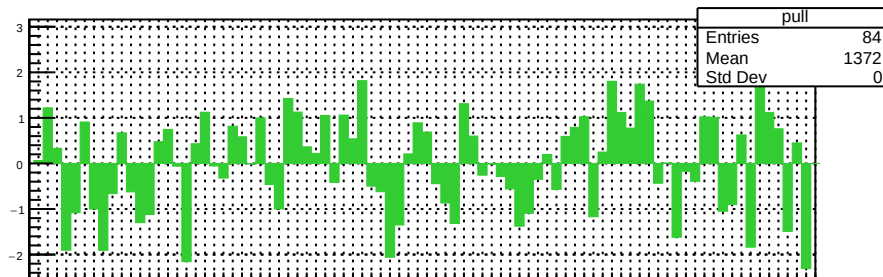
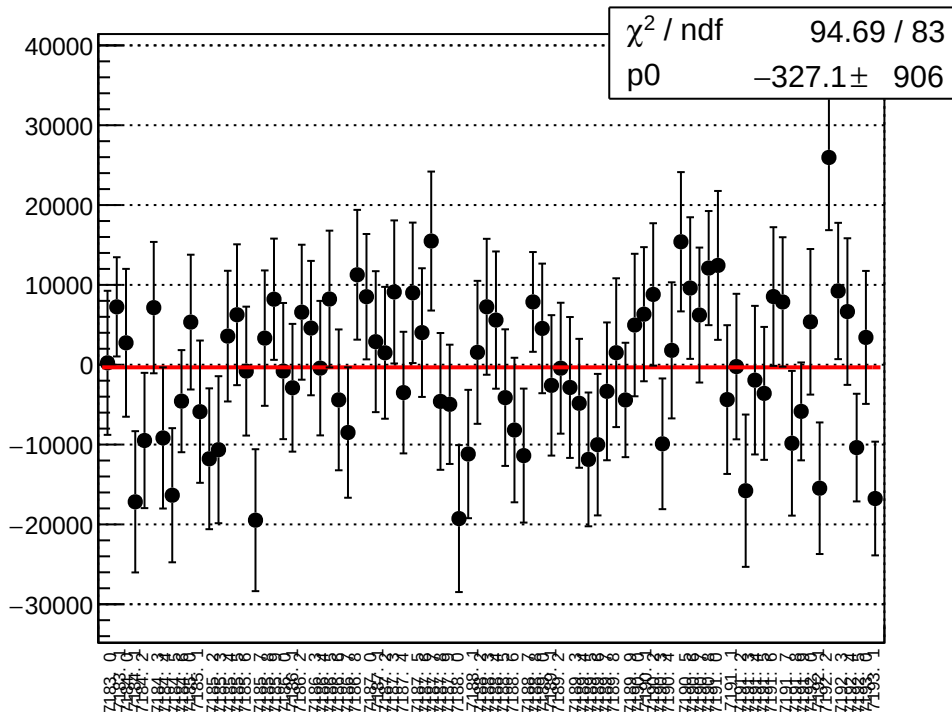
p0

69.74 ± 0.05485

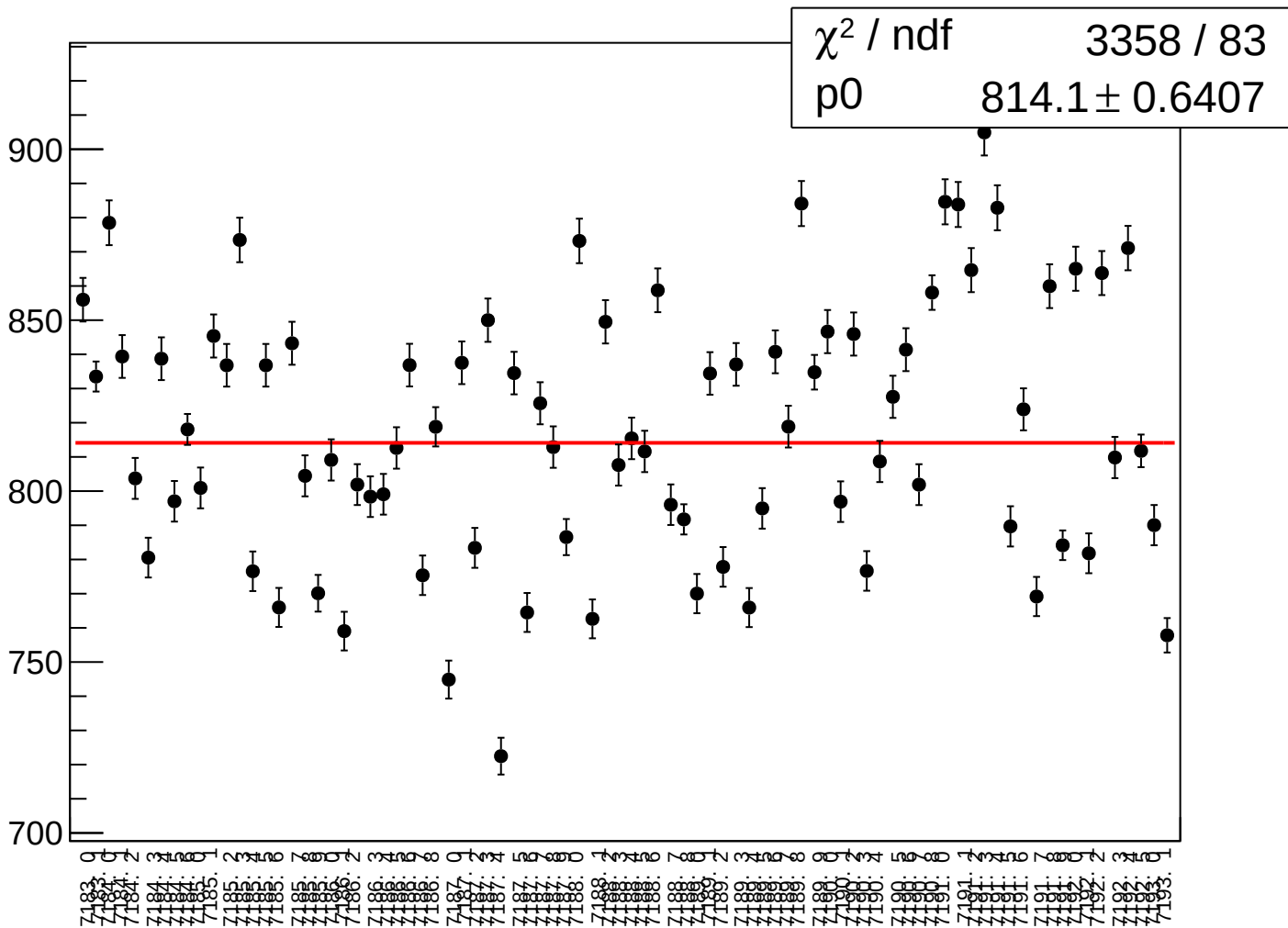


run 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500

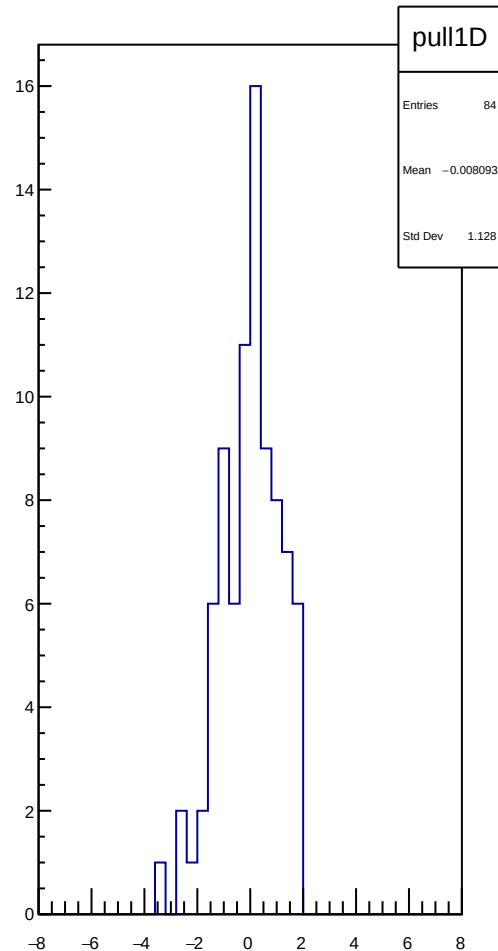
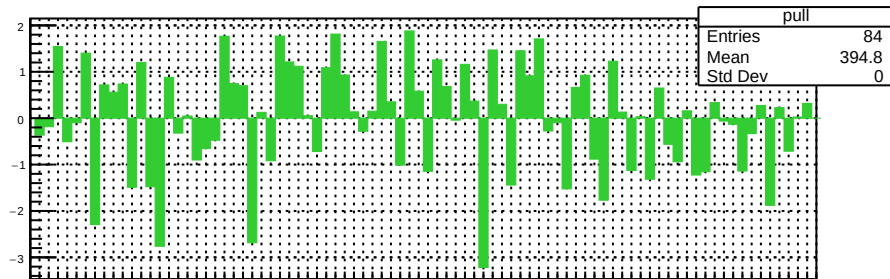
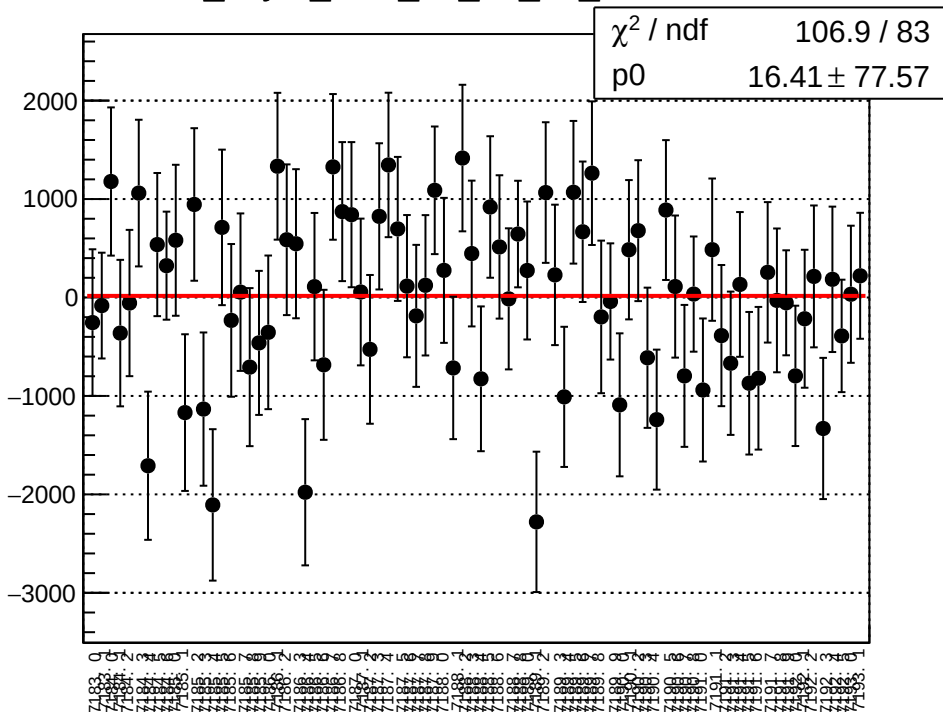
asym_sam_24_68_dd_reg_correction_mean vs run



asym_sam_24_68_dd_reg_correction_rms vs run



cor_asym_sam_24_68_dd_mean vs run



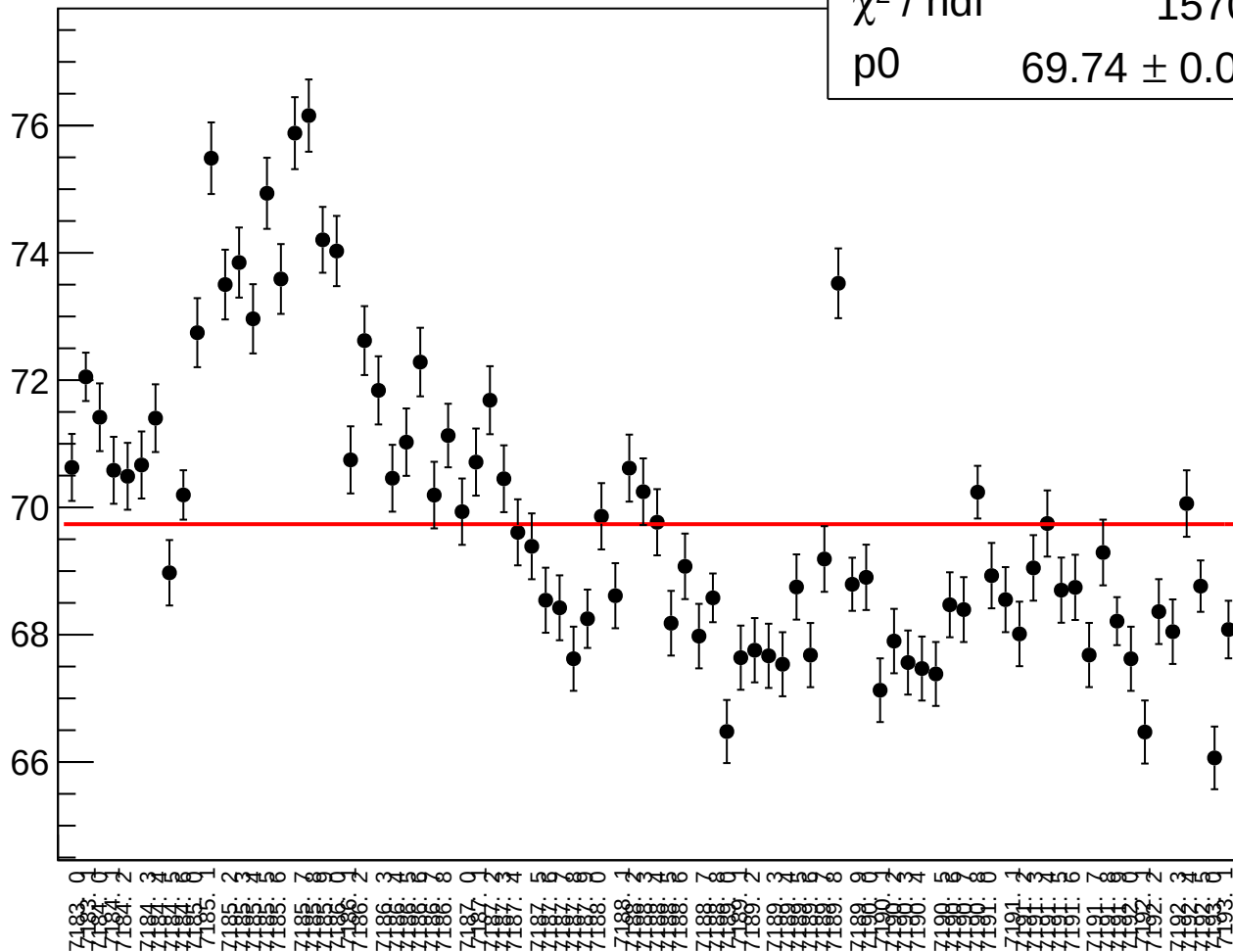
cor_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

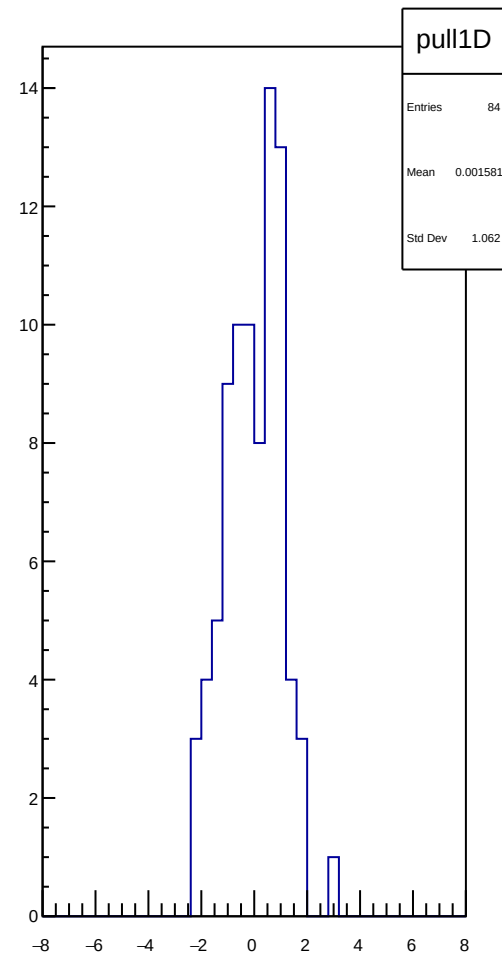
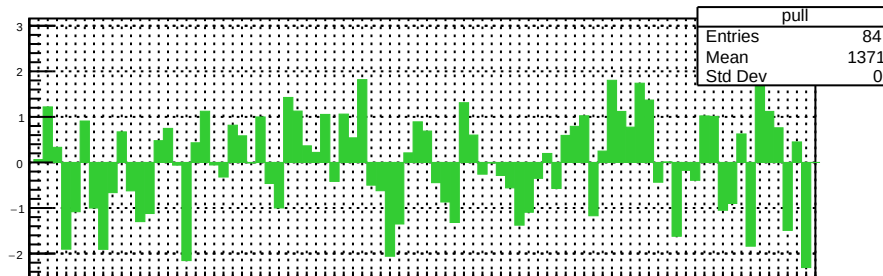
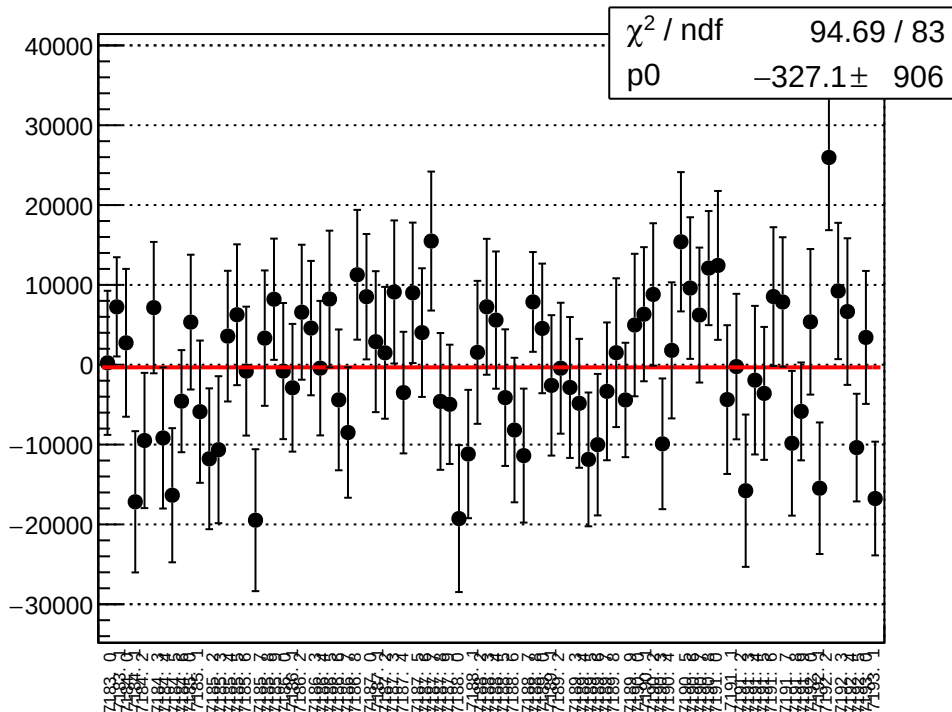
1570 / 83

p0

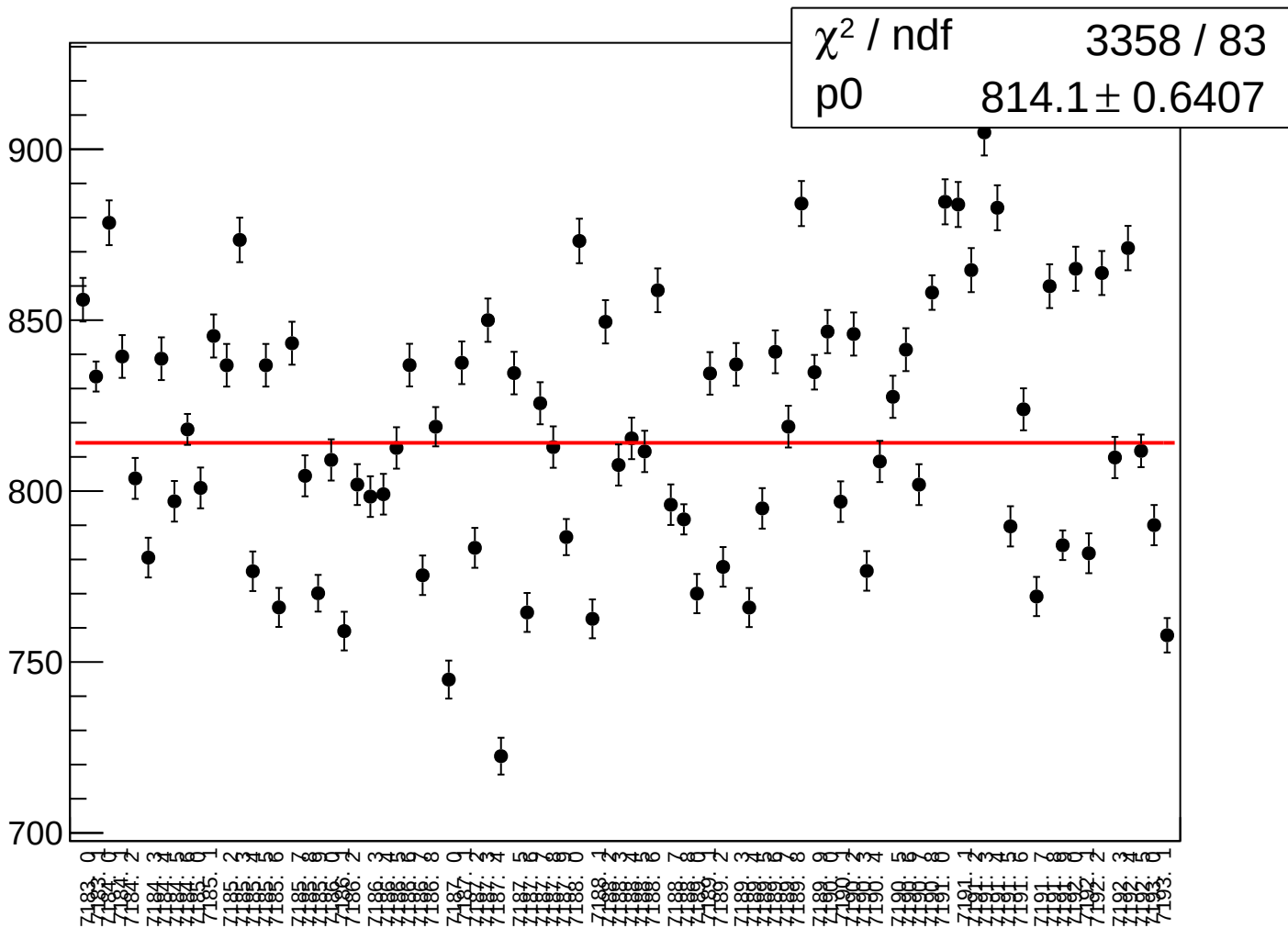
69.74 ± 0.05485



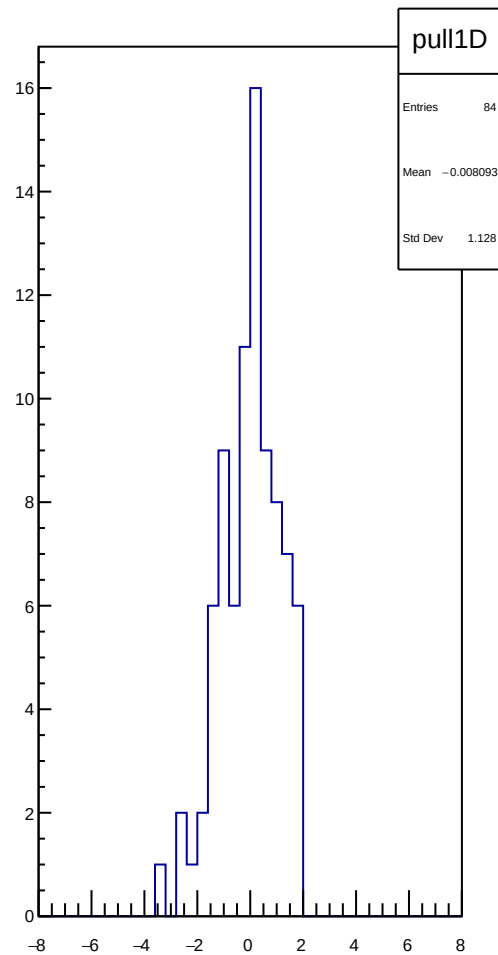
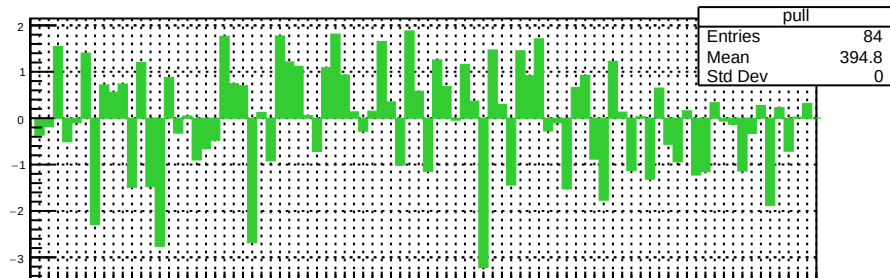
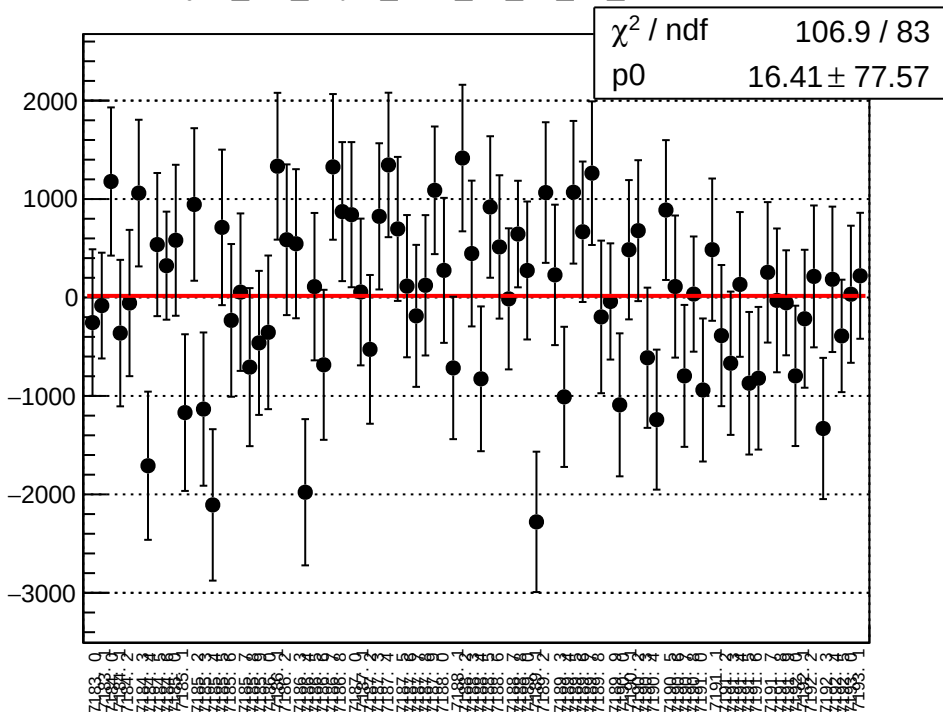
asym_sam_24_68_dd_cor_correction_mean vs run



asym_sam_24_68_dd_cor_correction_rms vs run



eigen_cor_asym_sam_24_68_dd_mean vs run



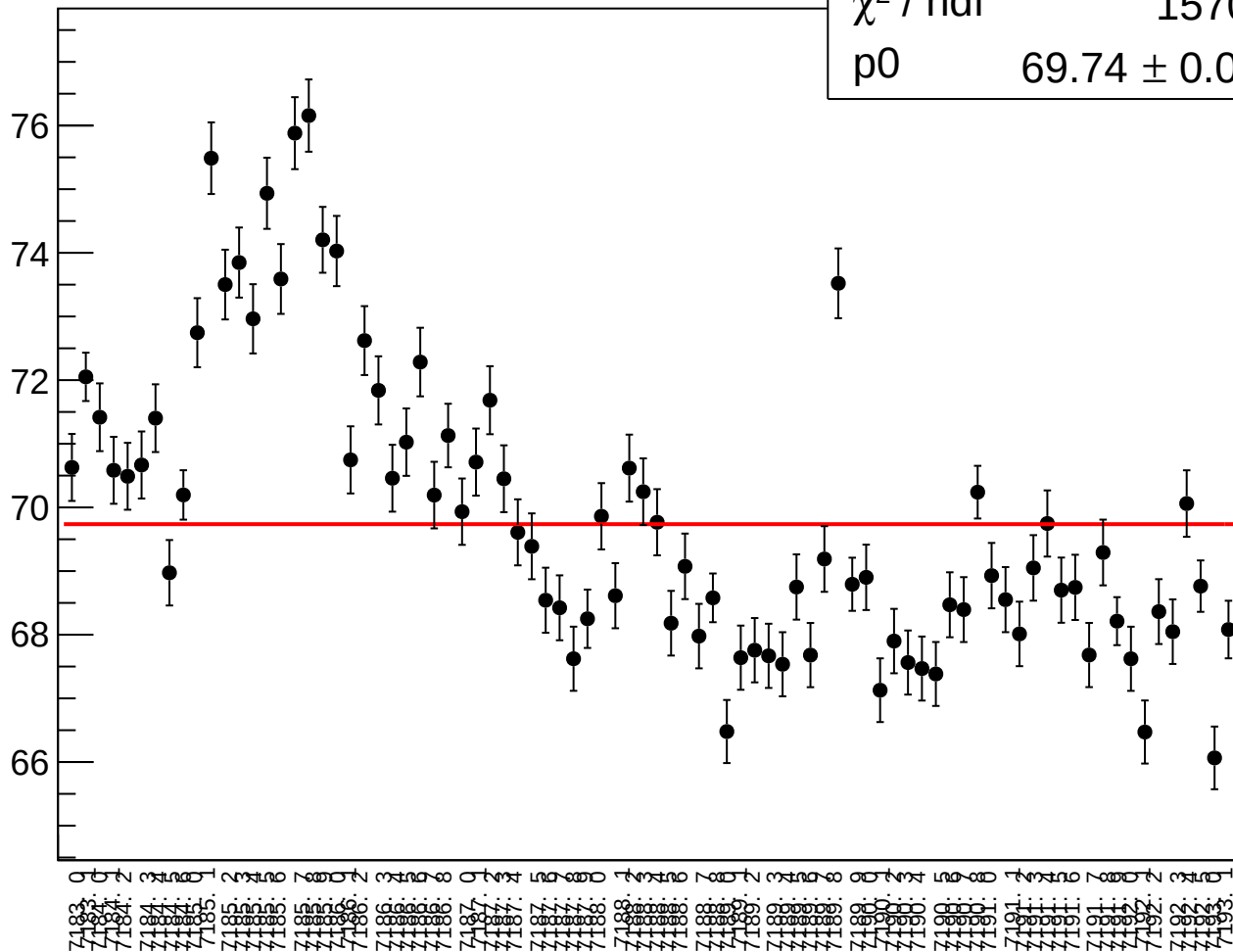
eigen_cor_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

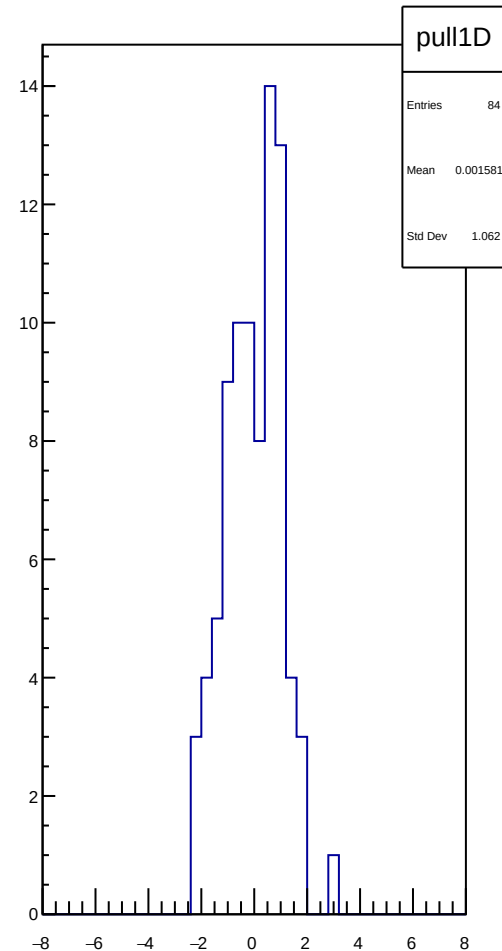
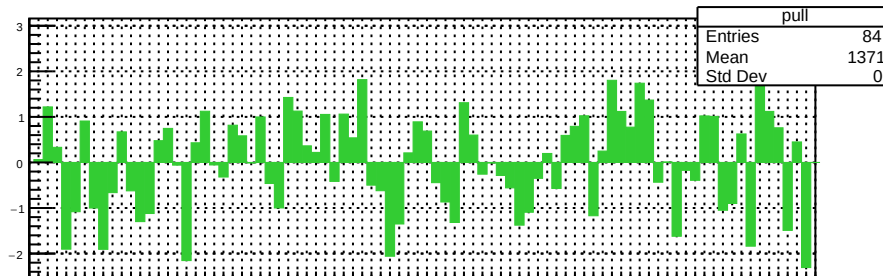
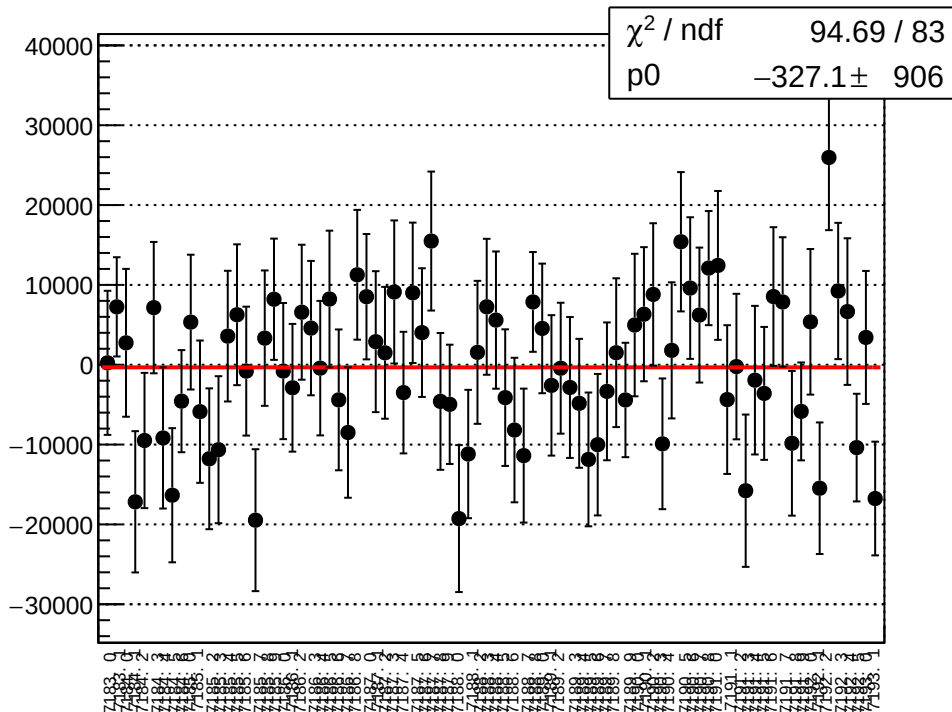
1570 / 83

p0

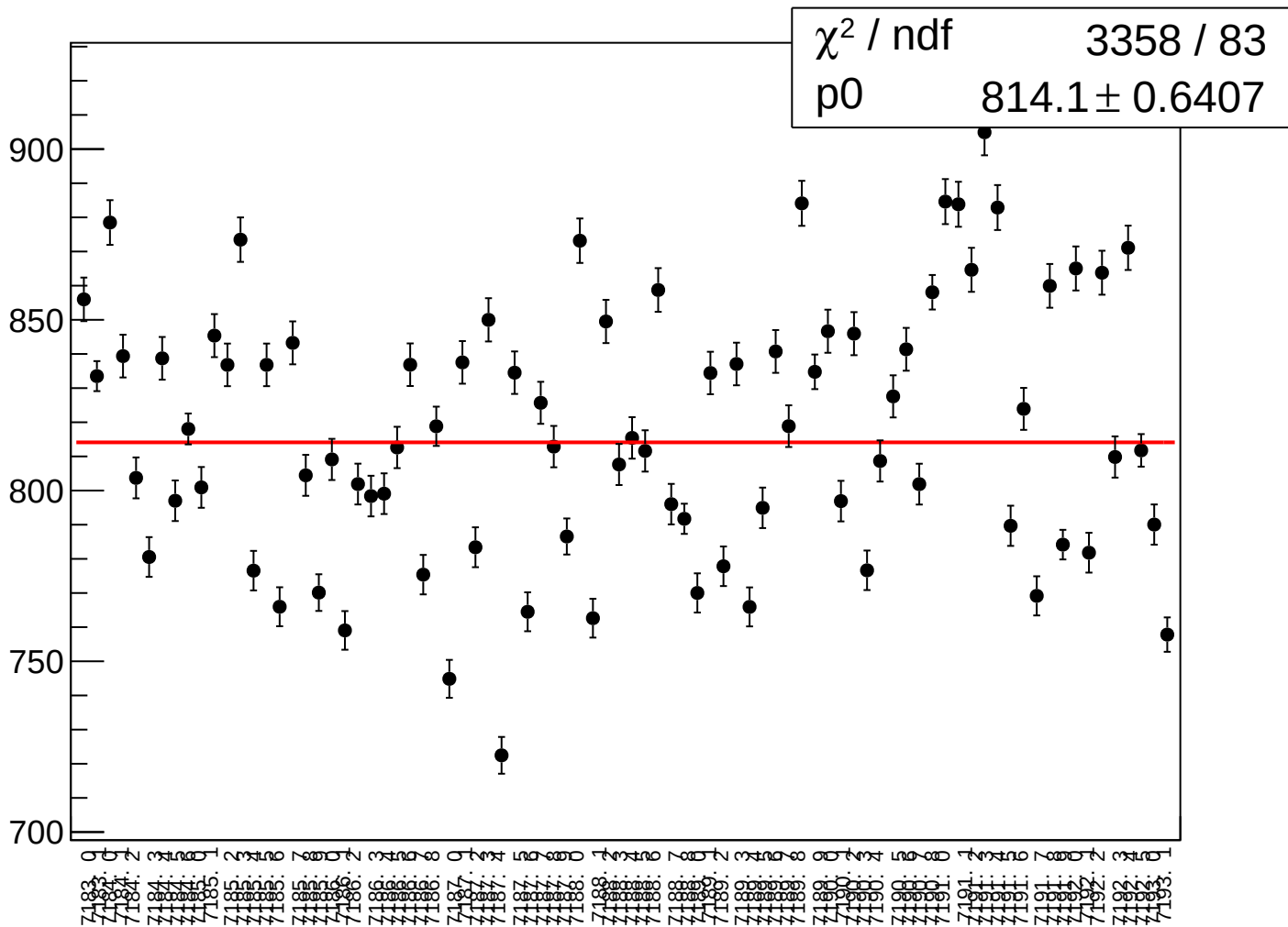
69.74 ± 0.05485



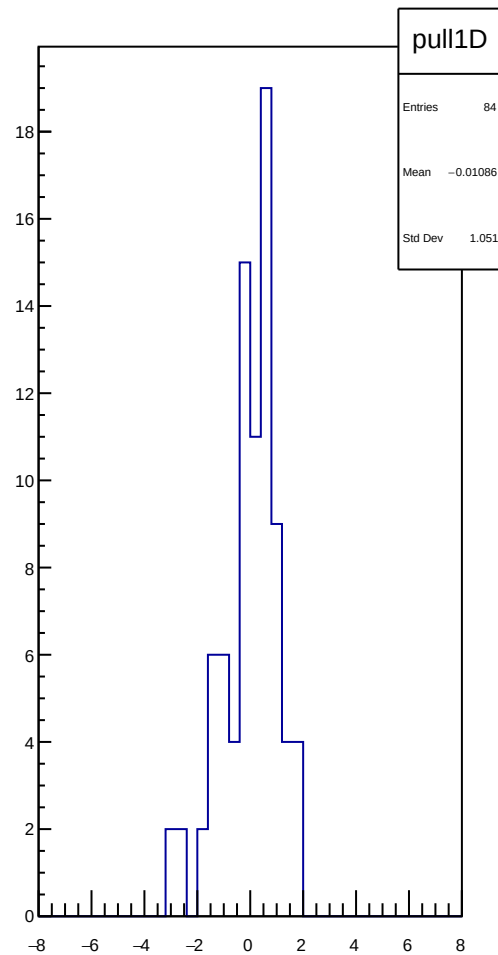
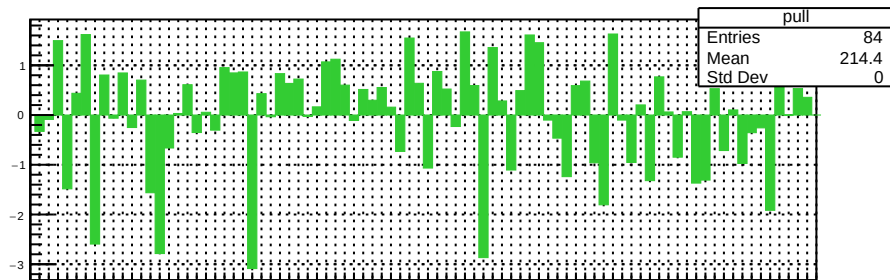
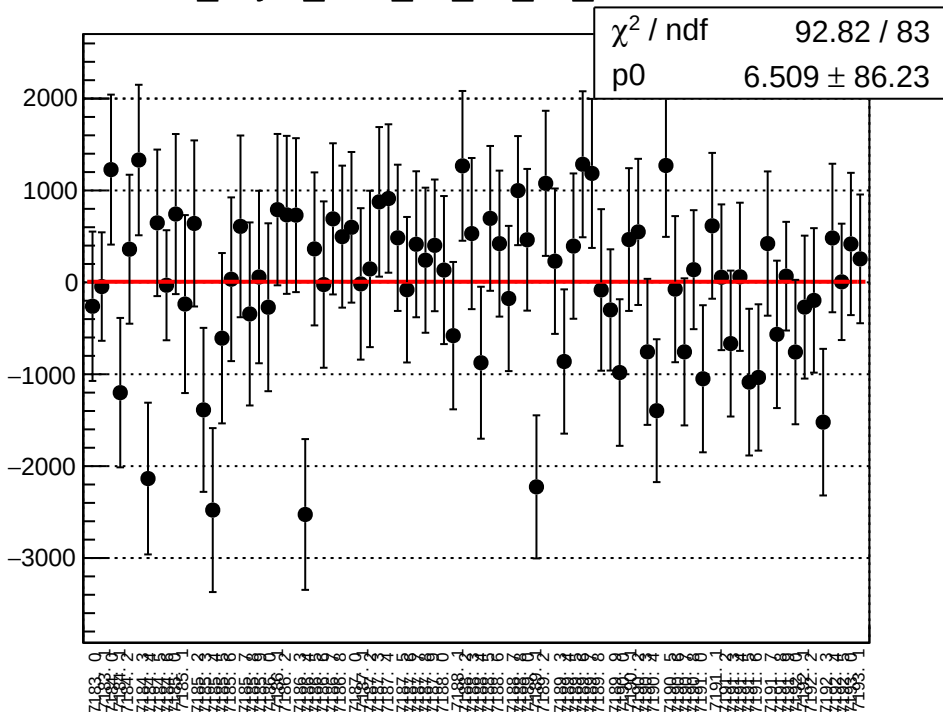
asym_sam_24_68_dd_eigen_cor_correction_mean vs run



asym_sam_24_68_dd_eigen_cor_correction_rms vs run



dit_asym_sam_24_68_dd_mean vs run



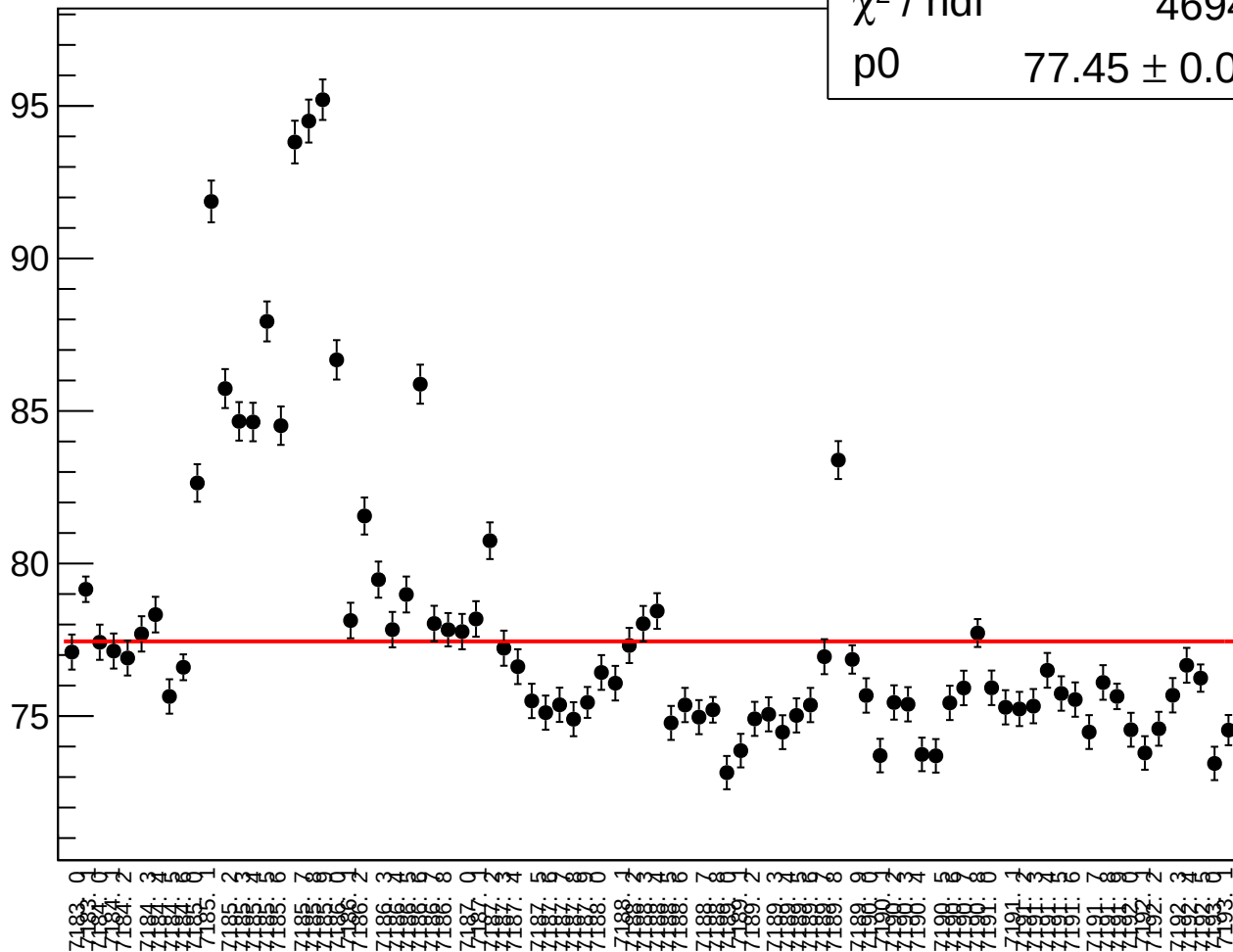
dit_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

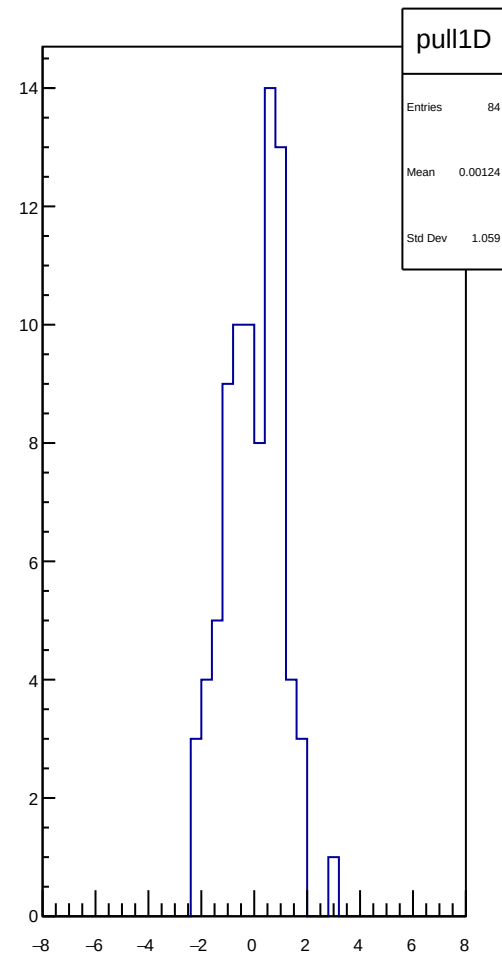
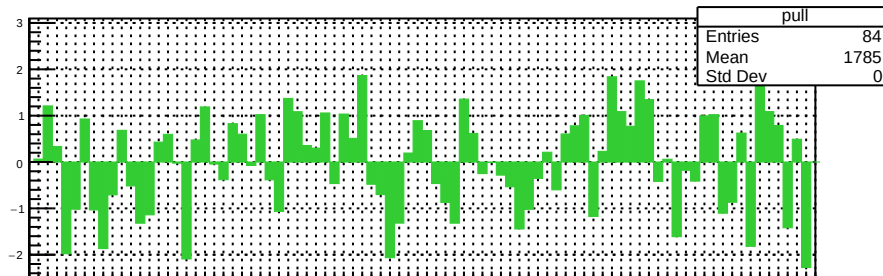
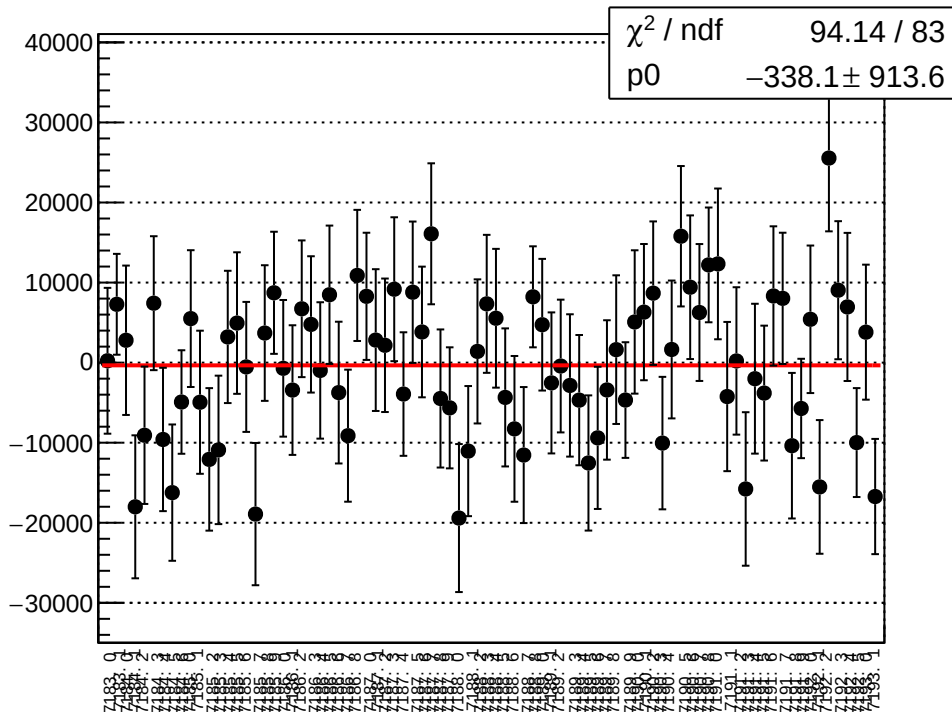
4694 / 83

p0

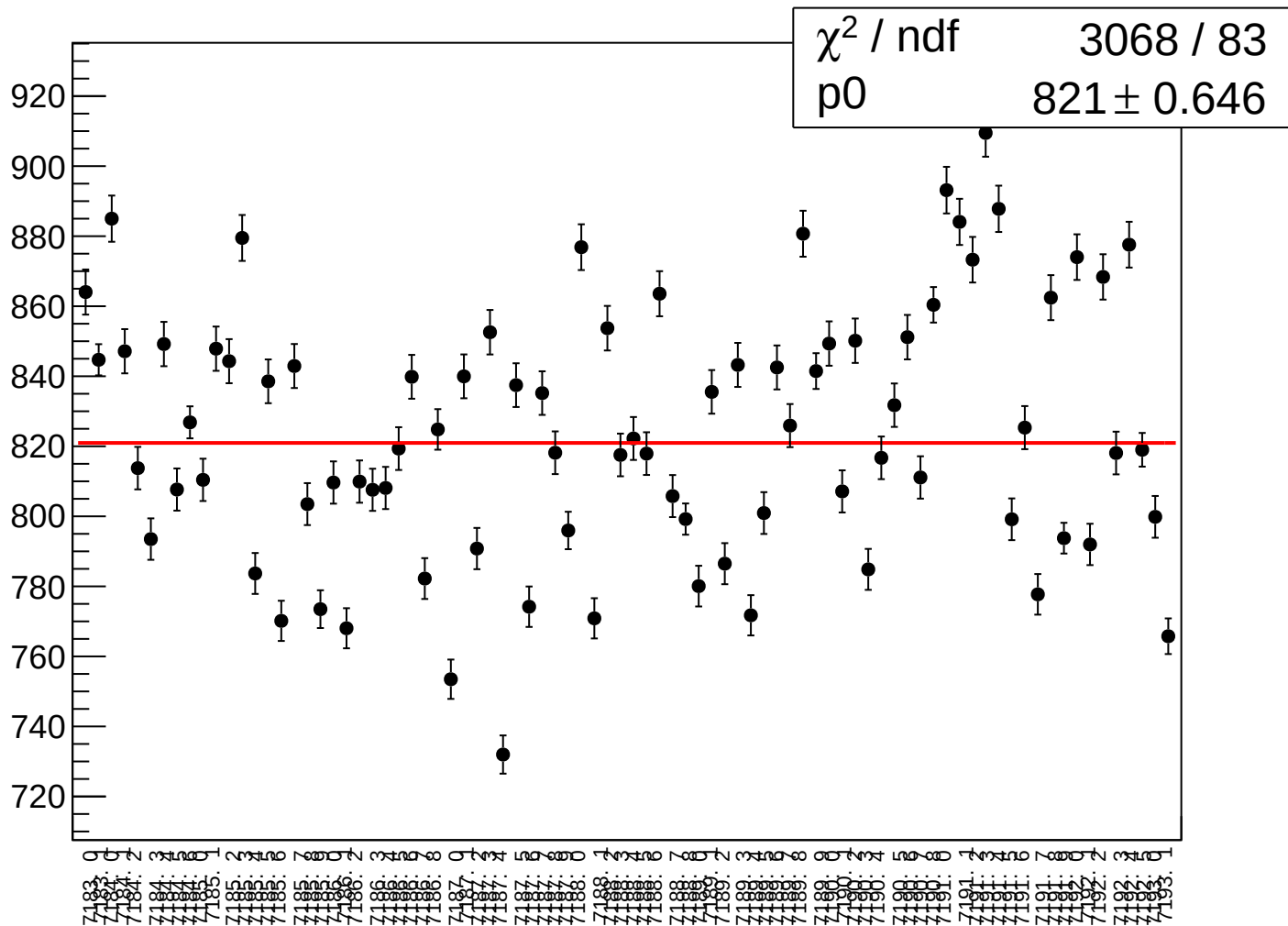
77.45 ± 0.06097



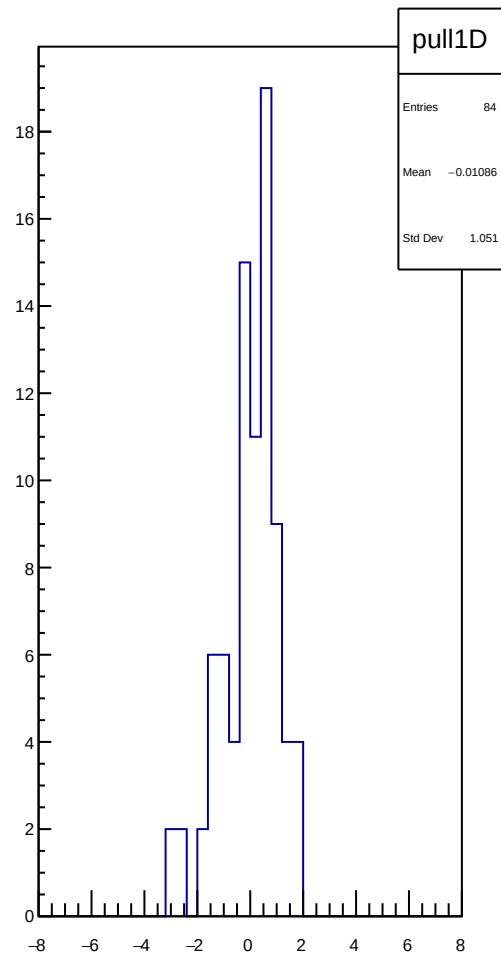
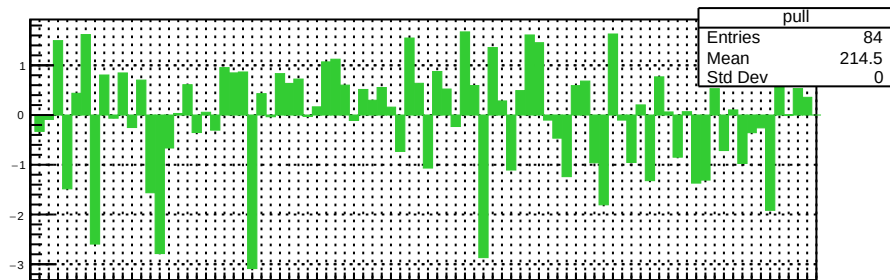
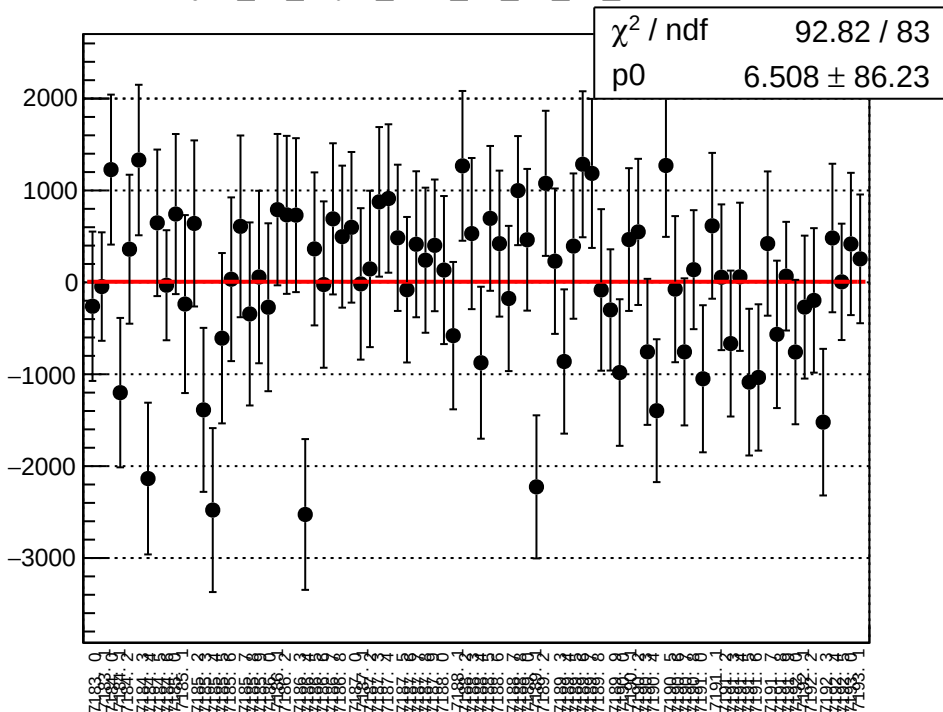
asym_sam_24_68_dd_dit_correction_mean vs run



asym_sam_24_68_dd_dit_correction_rms vs run



eigen_dit_asym_sam_24_68_dd_mean vs run



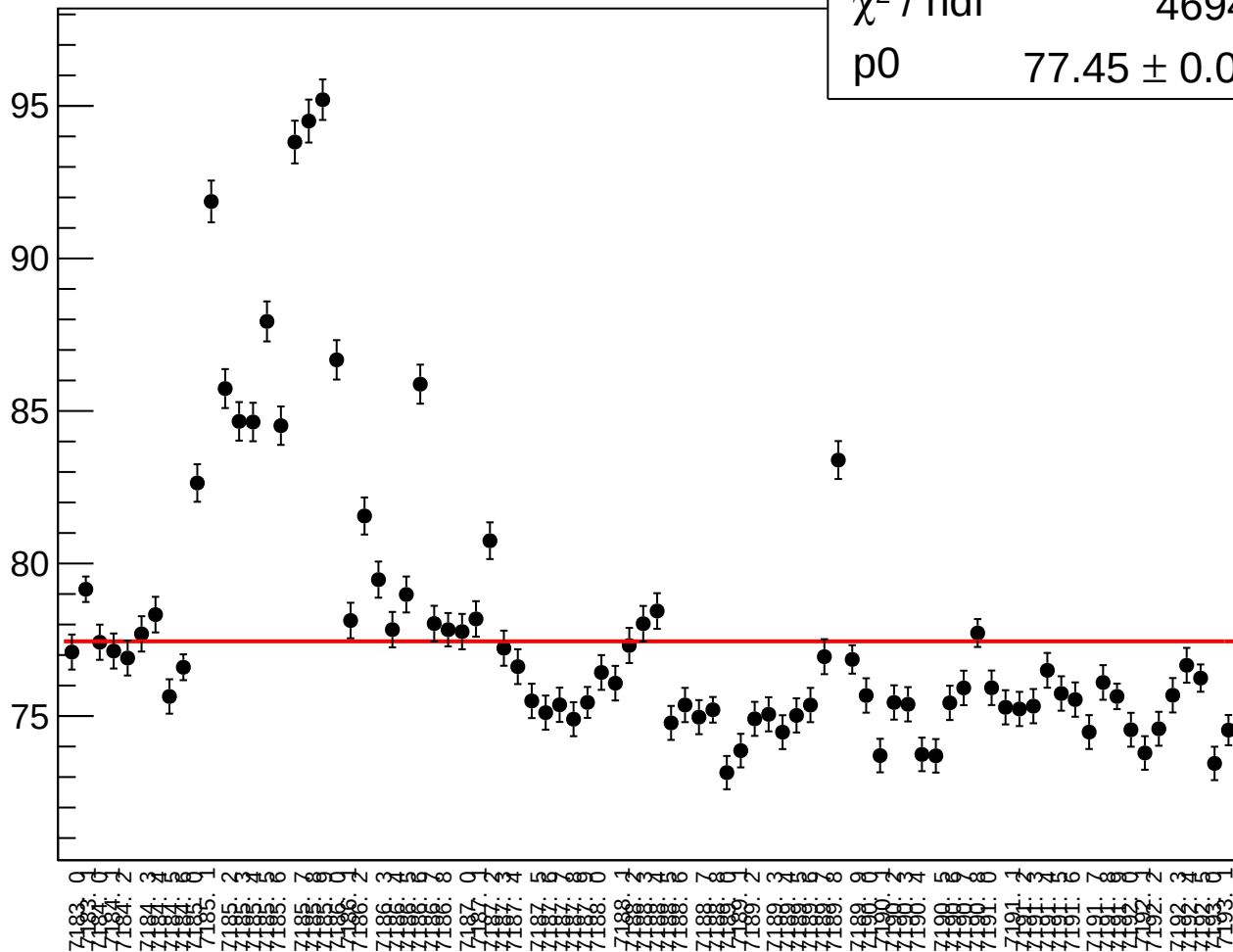
eigen_dit_asym_sam_24_68_dd_rms vs run

χ^2 / ndf

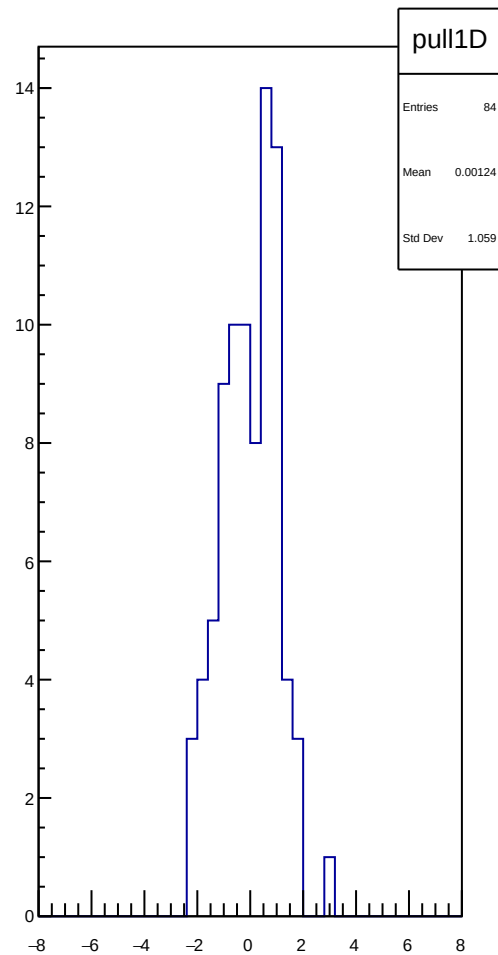
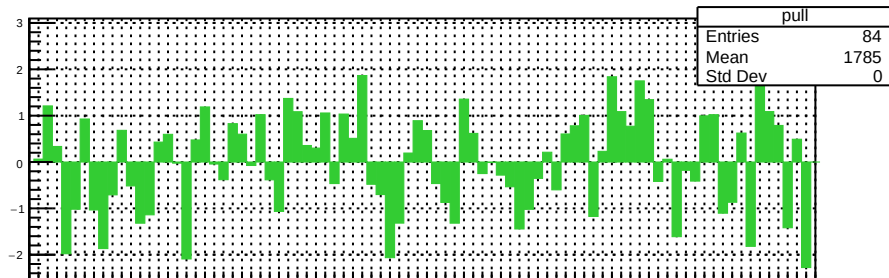
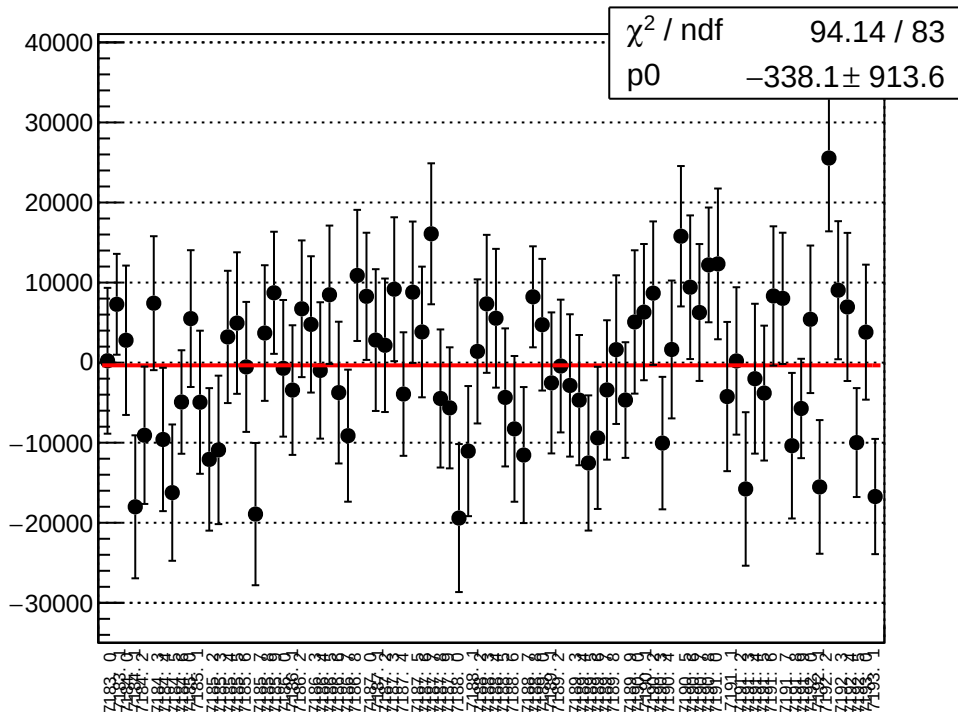
4694 / 83

p0

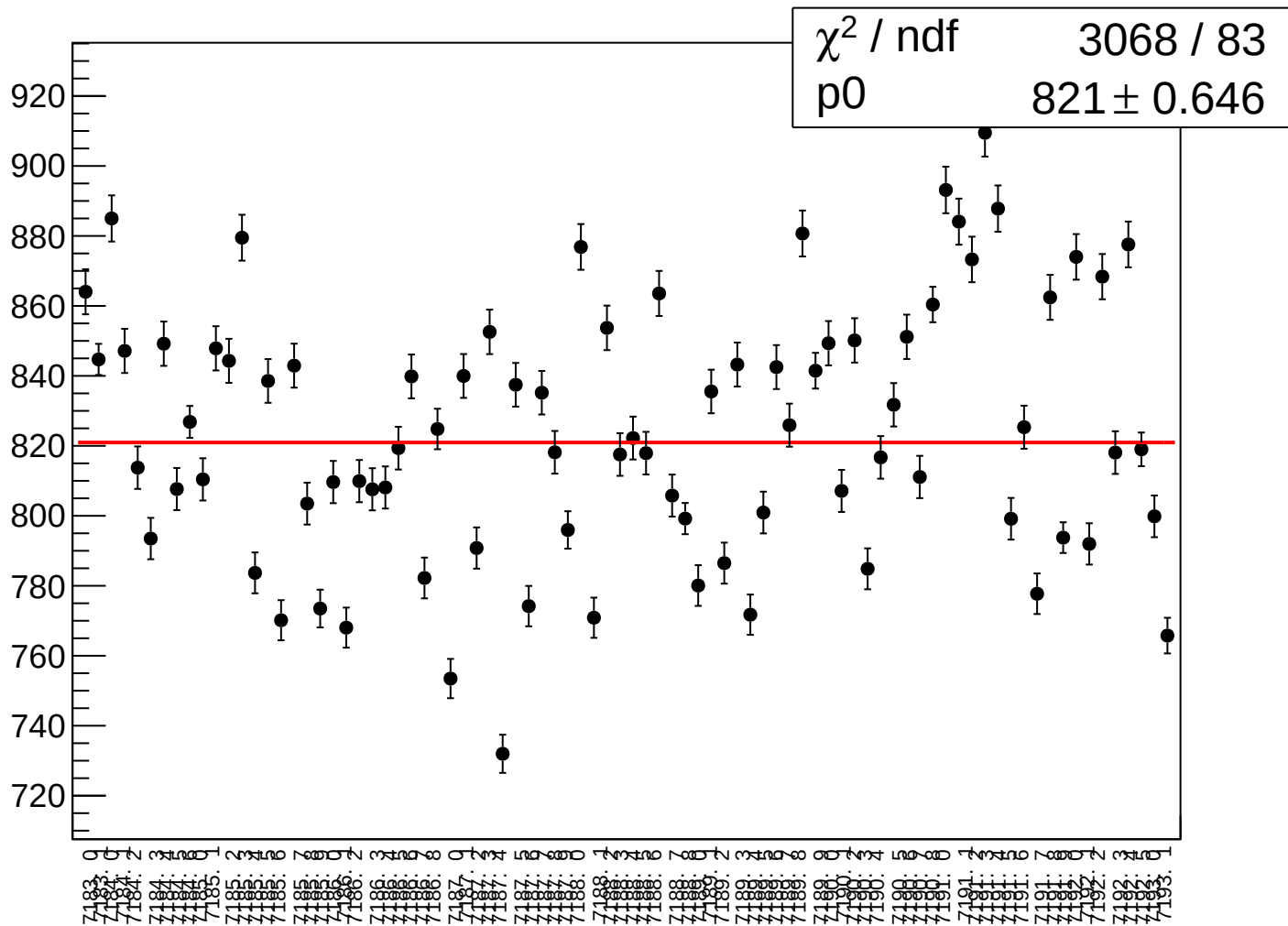
77.45 ± 0.06097



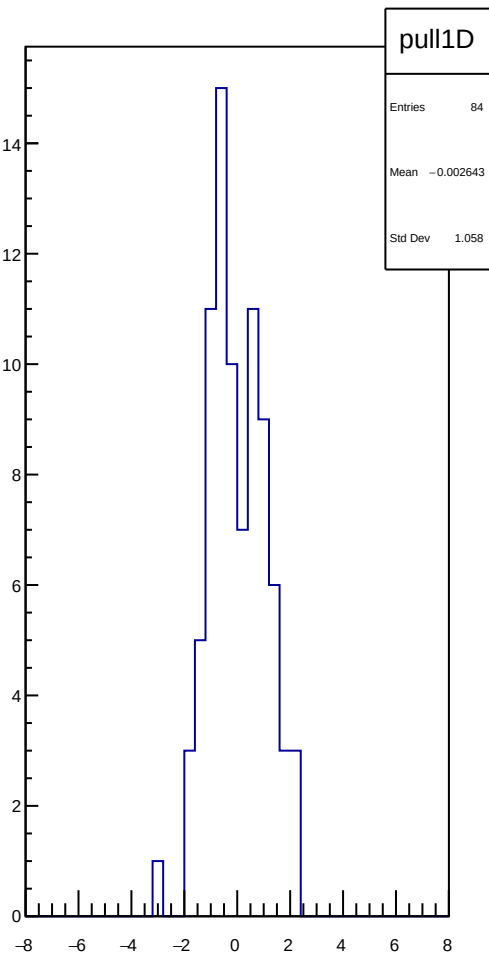
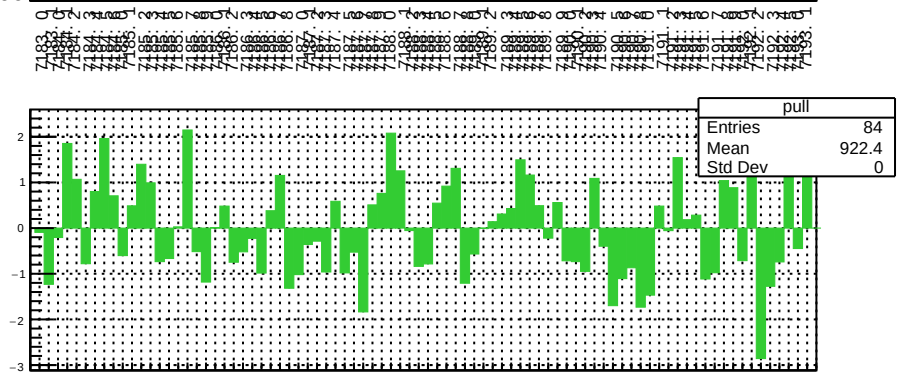
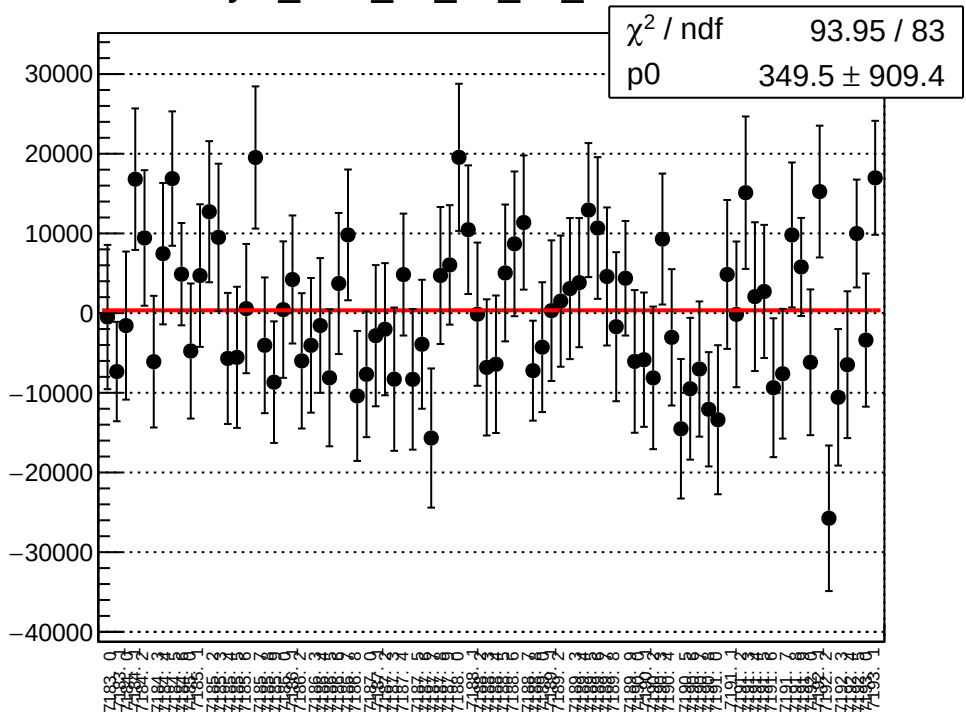
asym_sam_24_68_dd_eigen_dit_correction_mean vs un



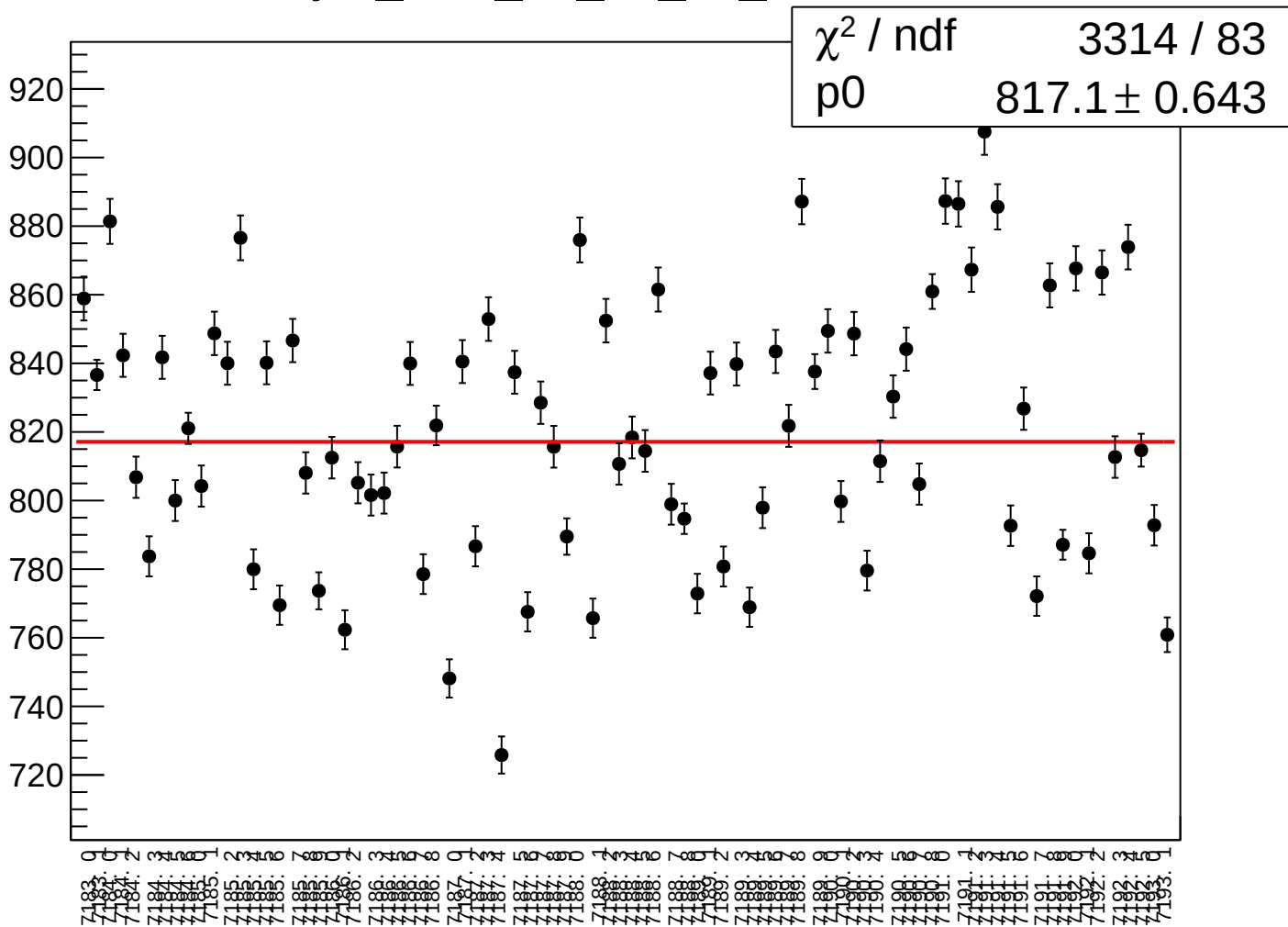
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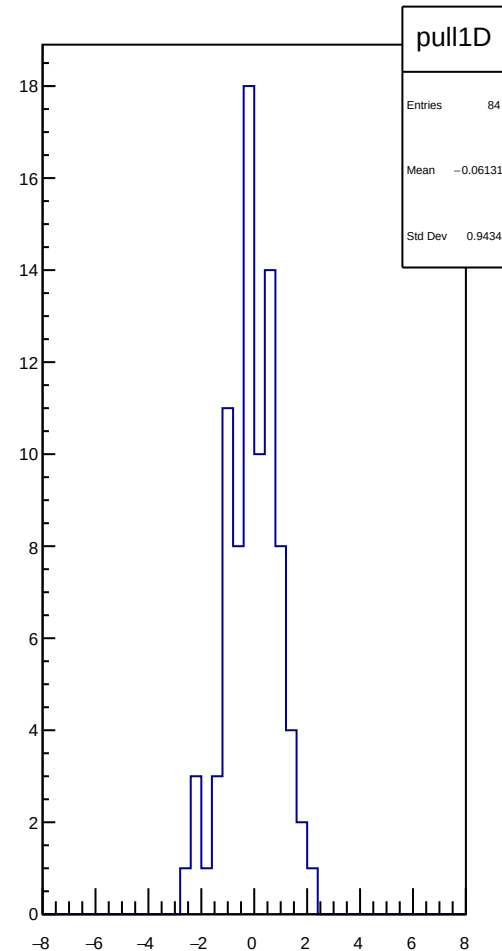
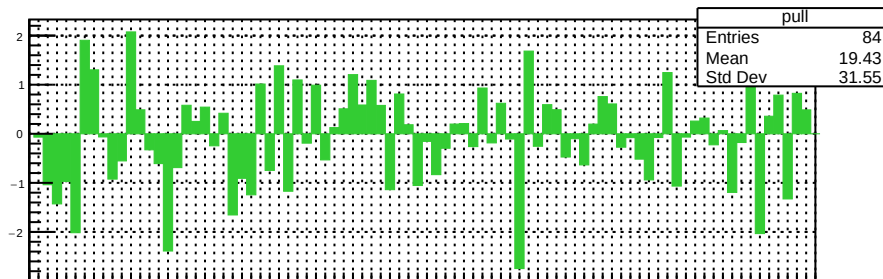
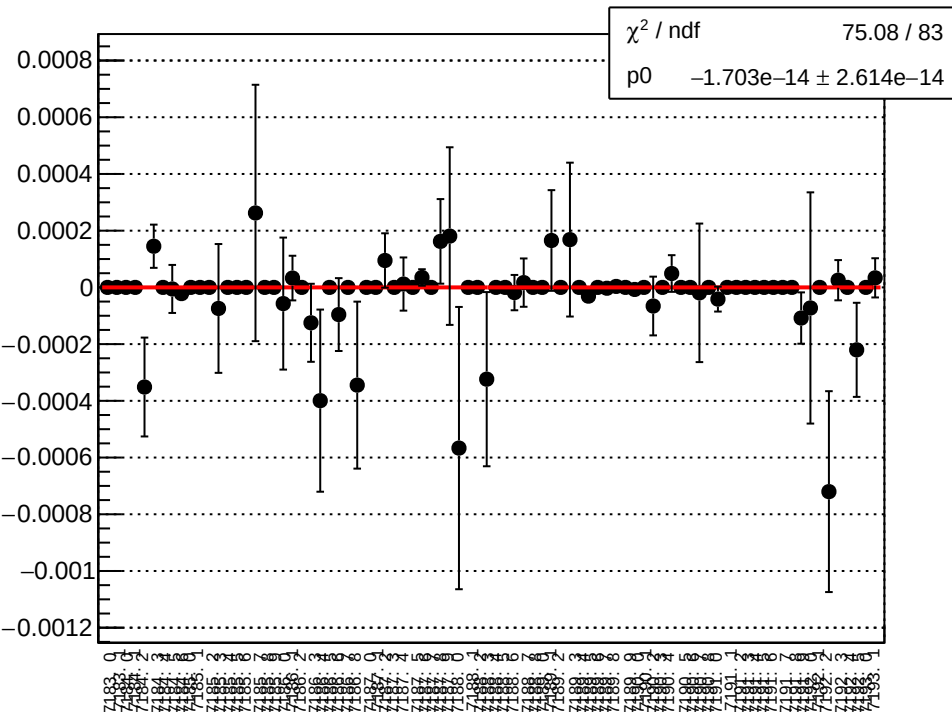
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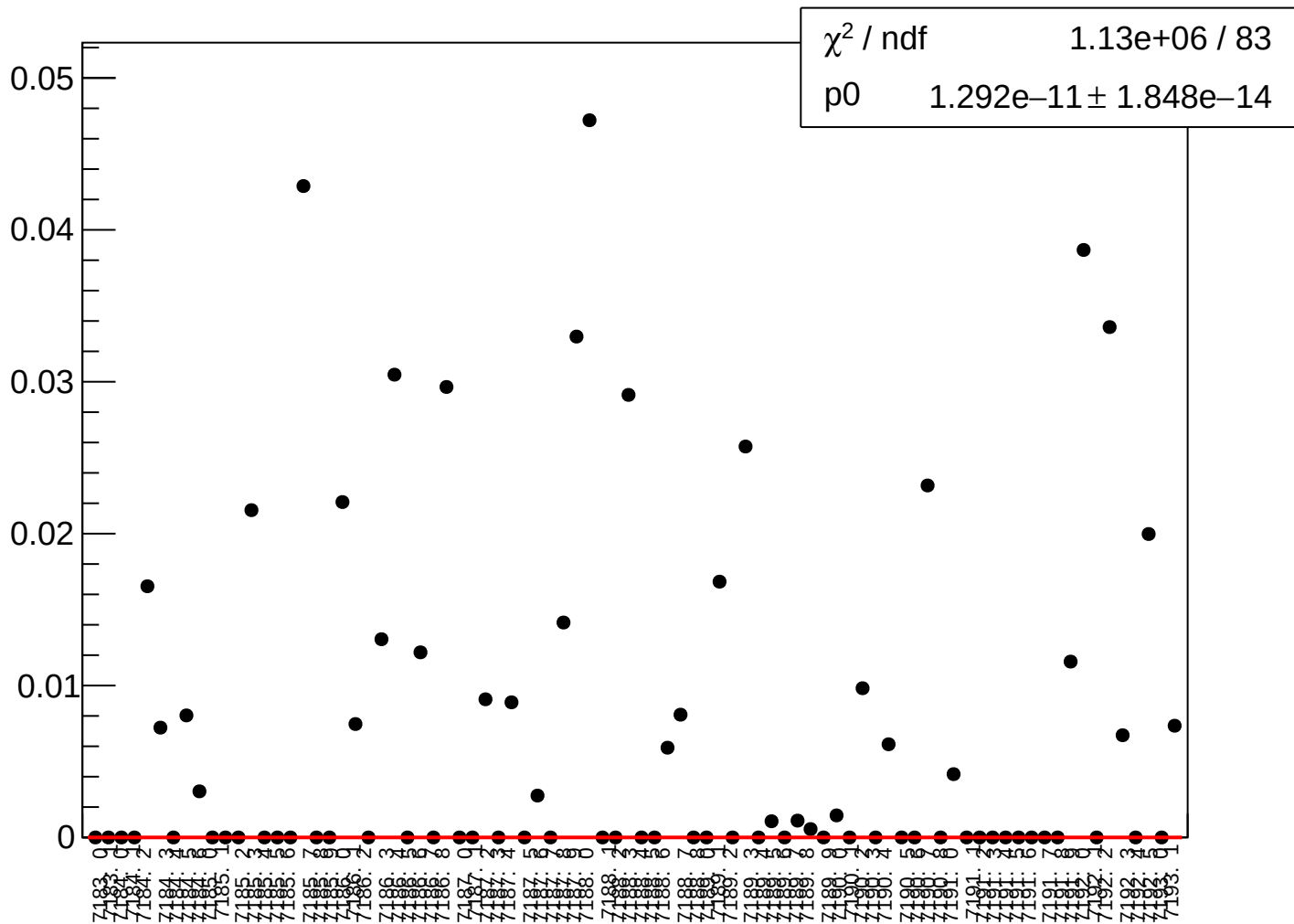
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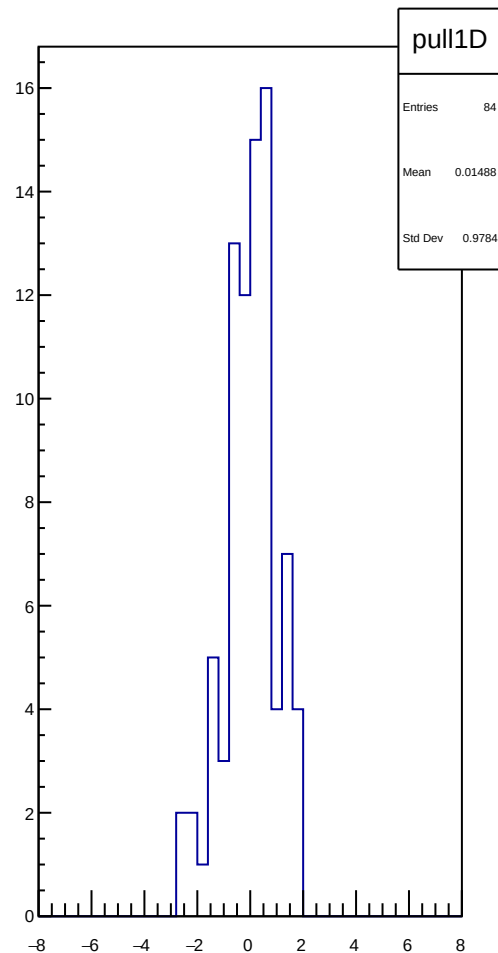
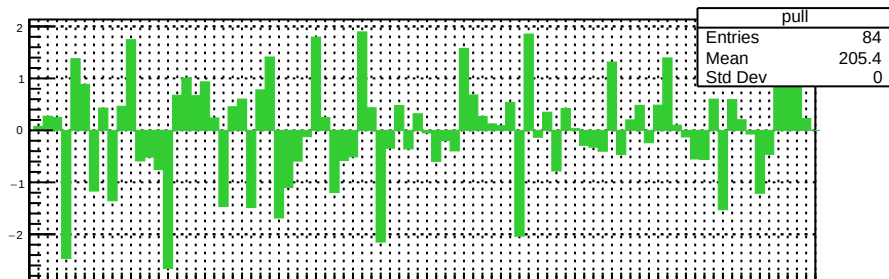
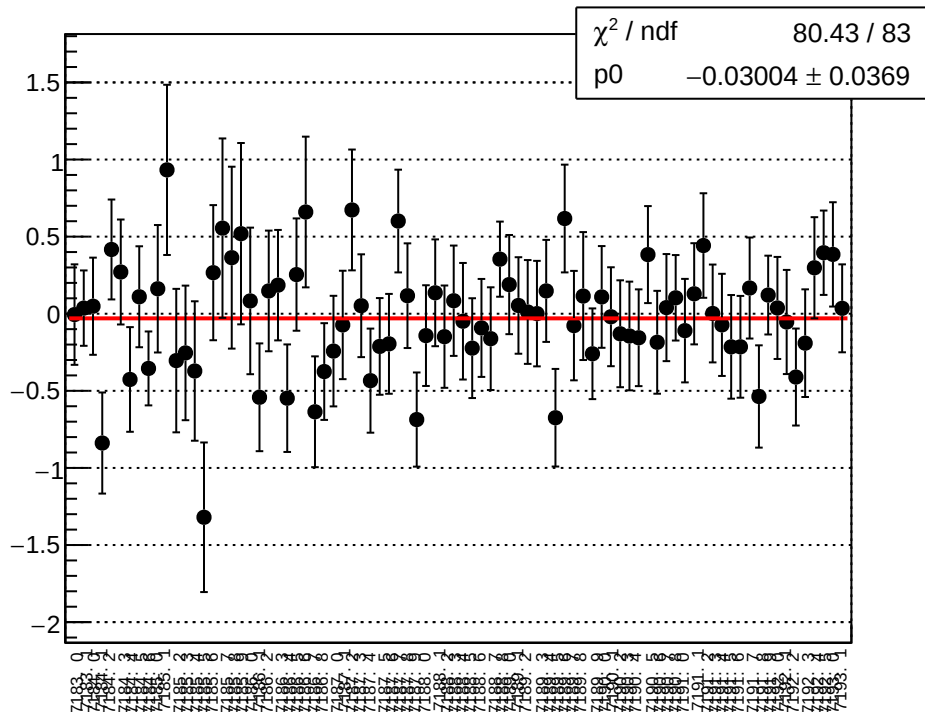
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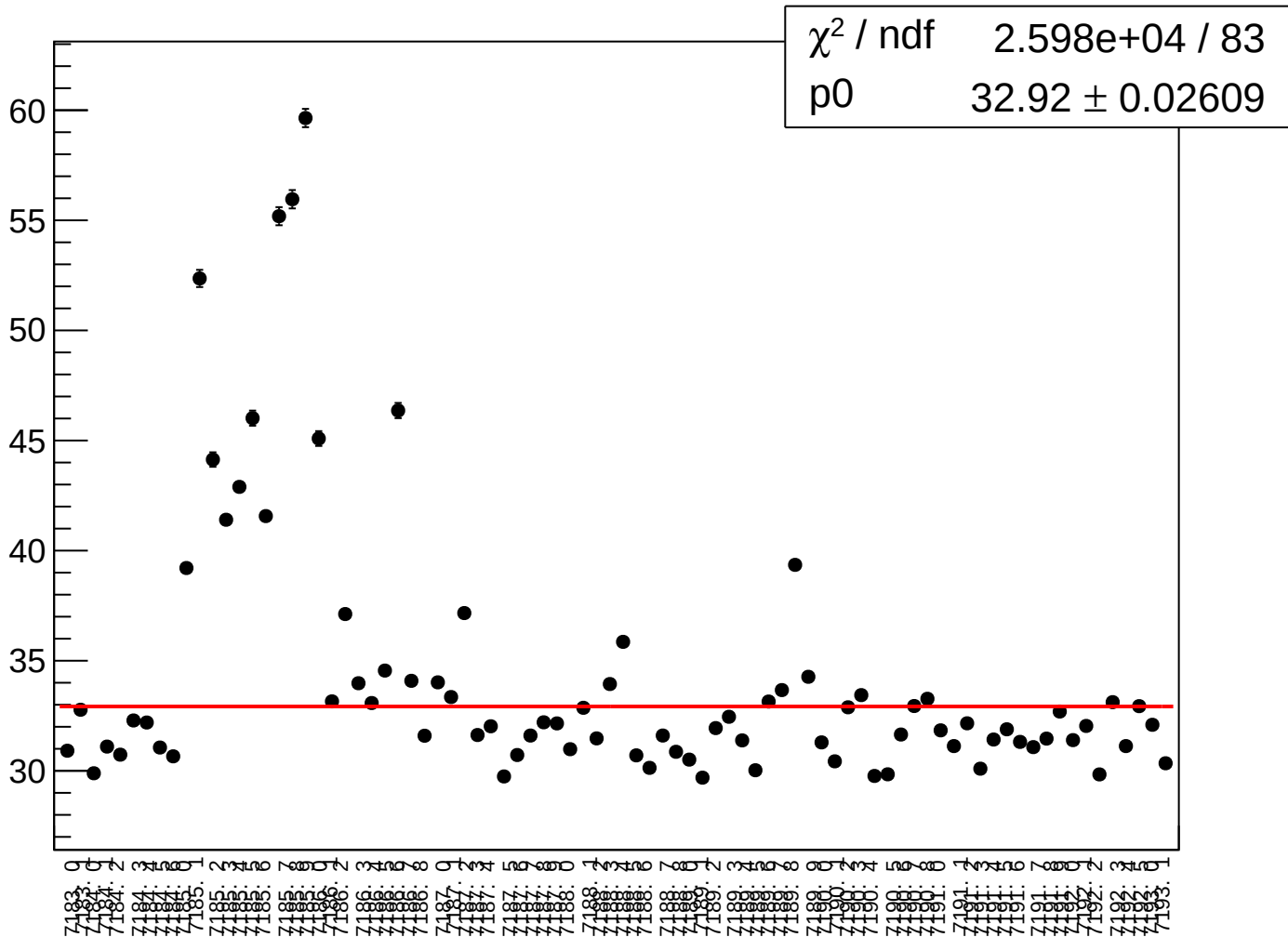
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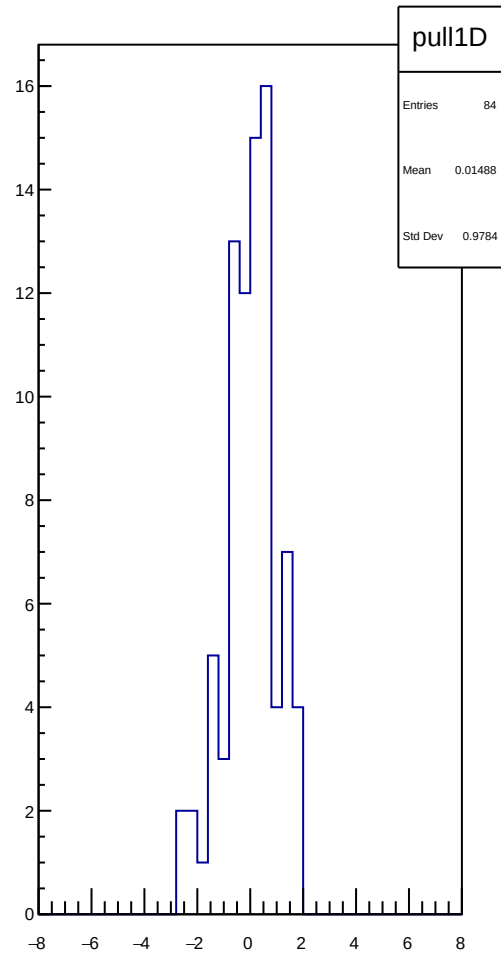
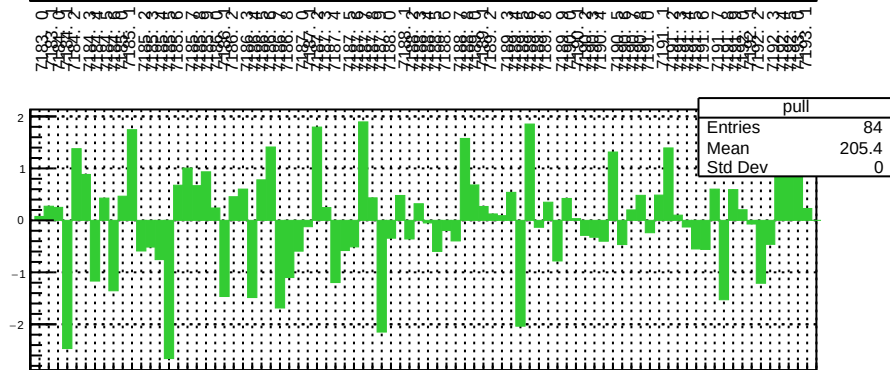
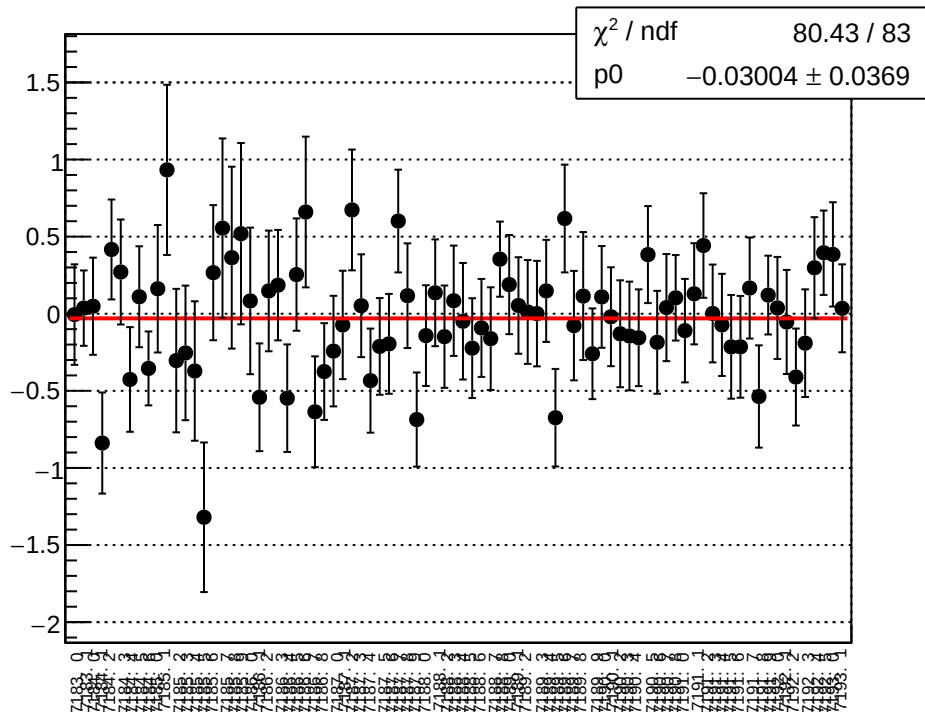
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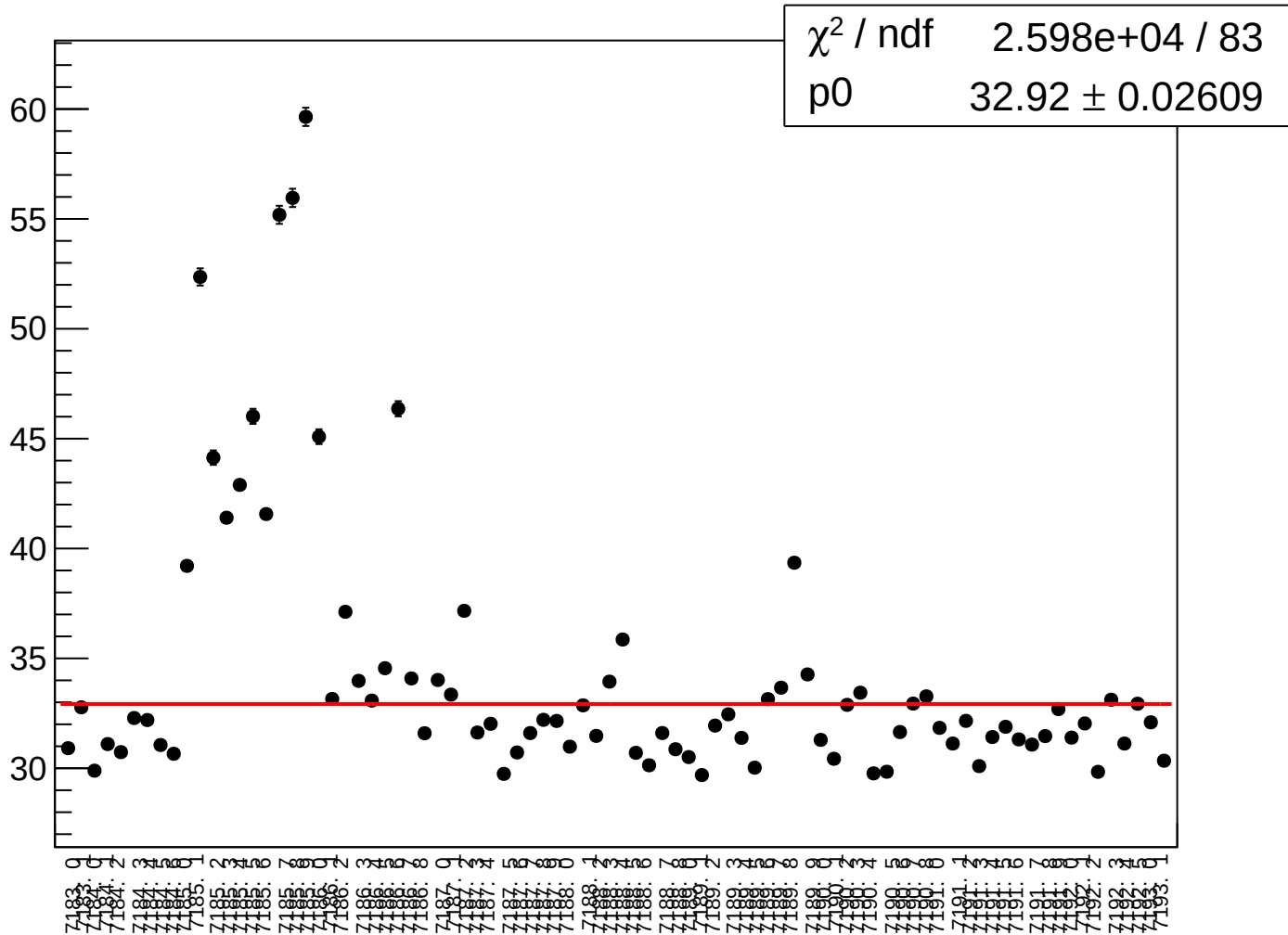
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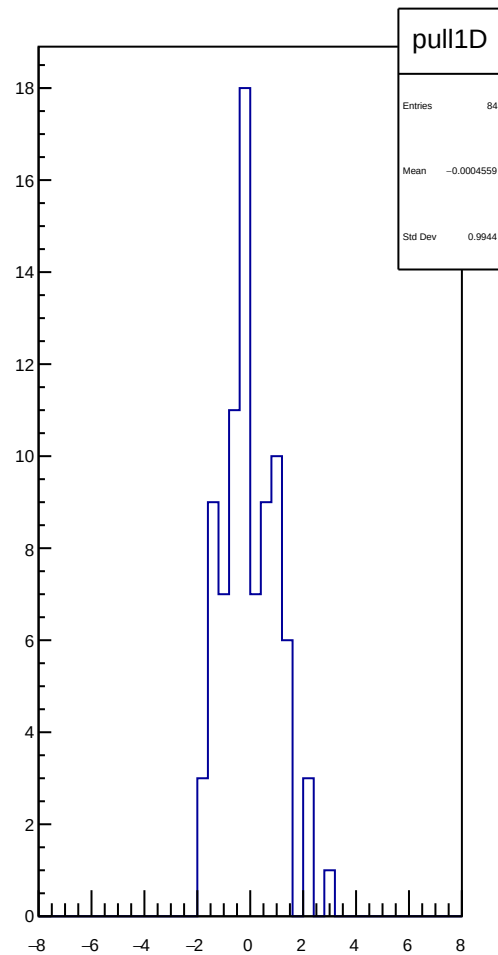
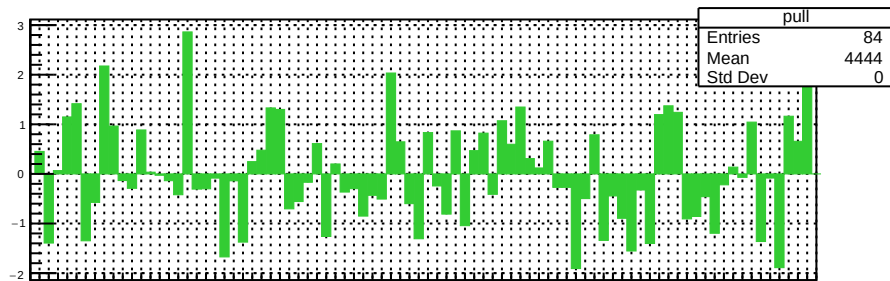
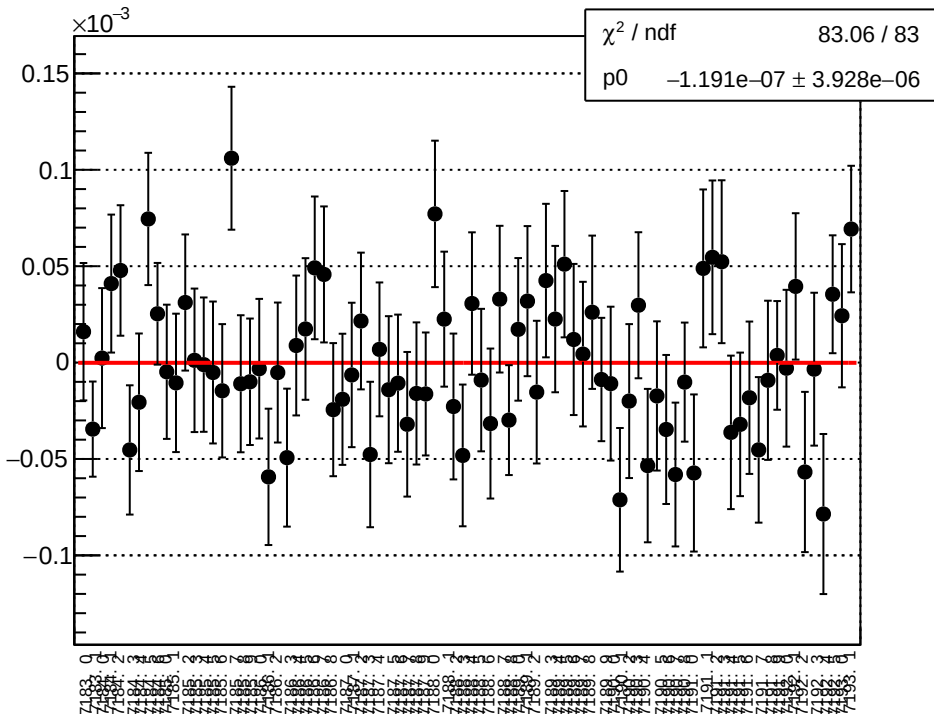
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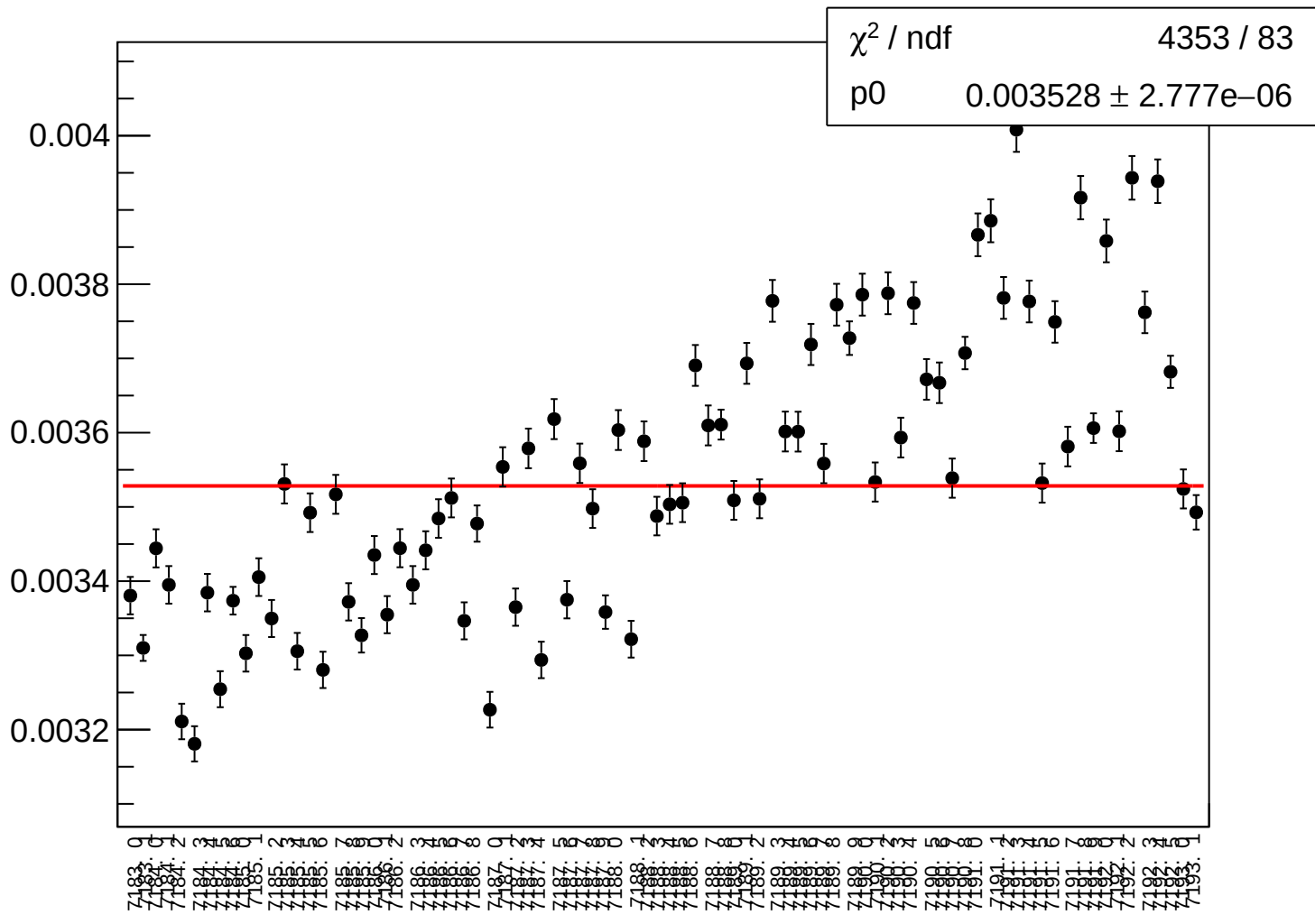
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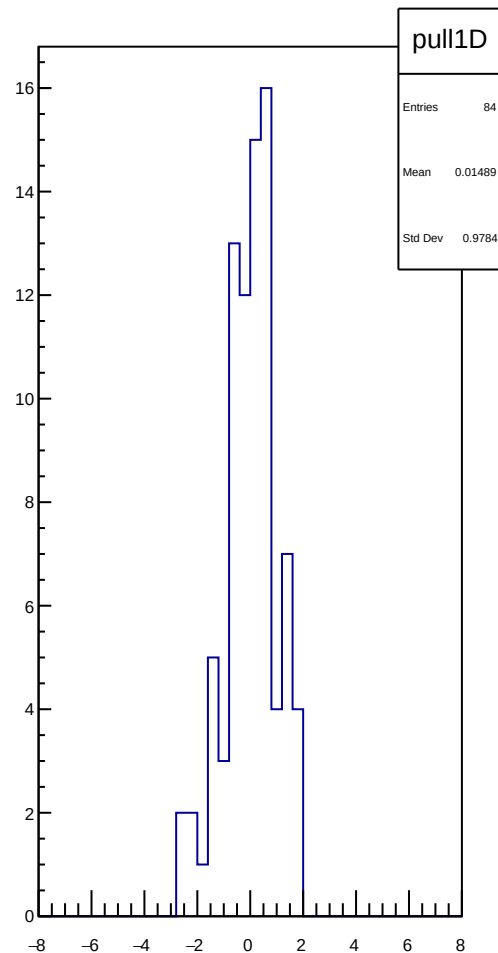
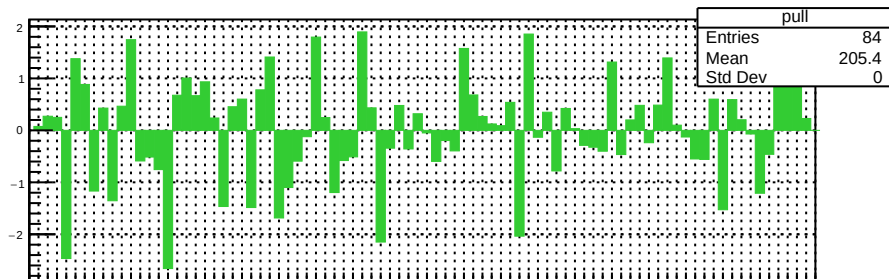
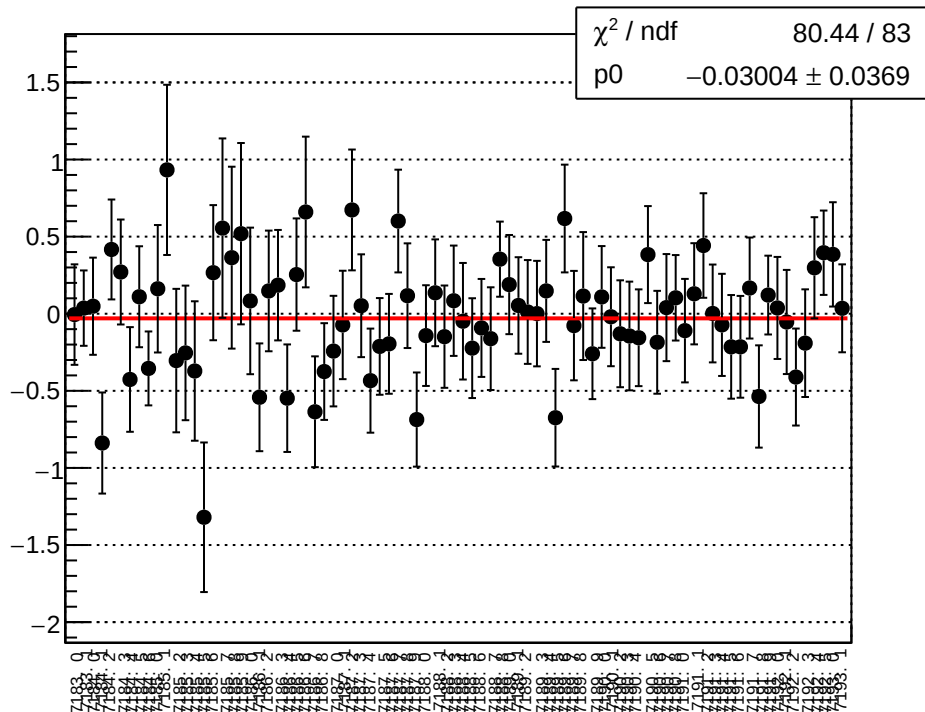
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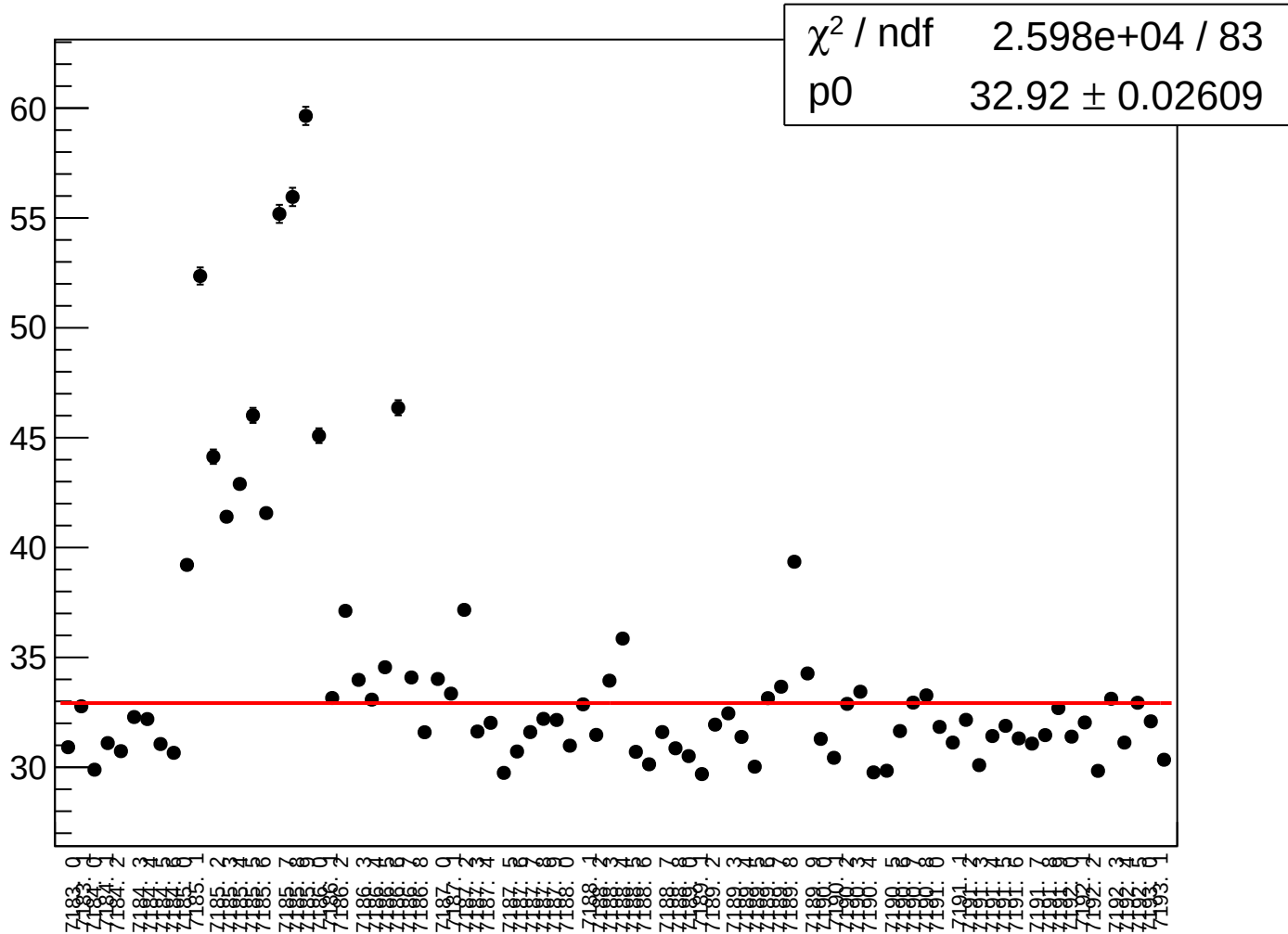
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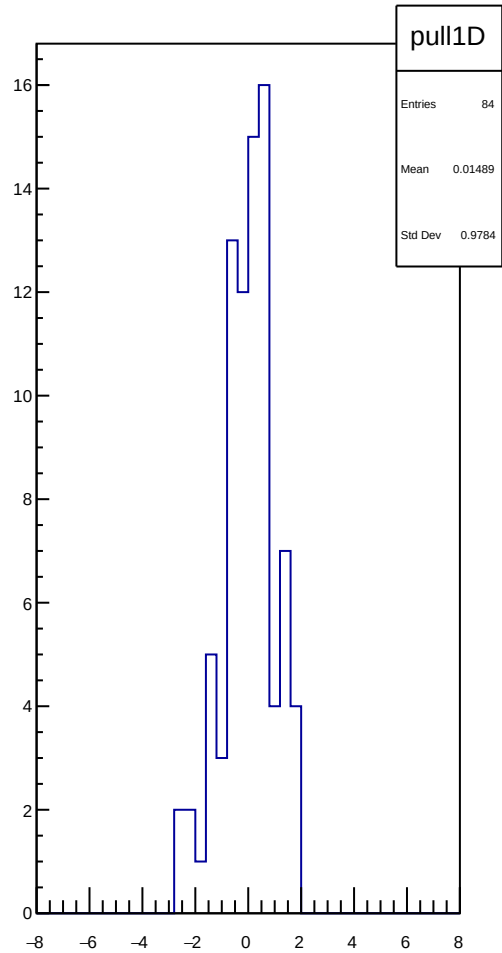
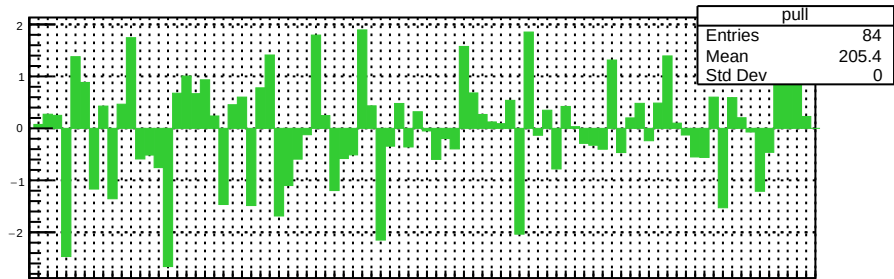
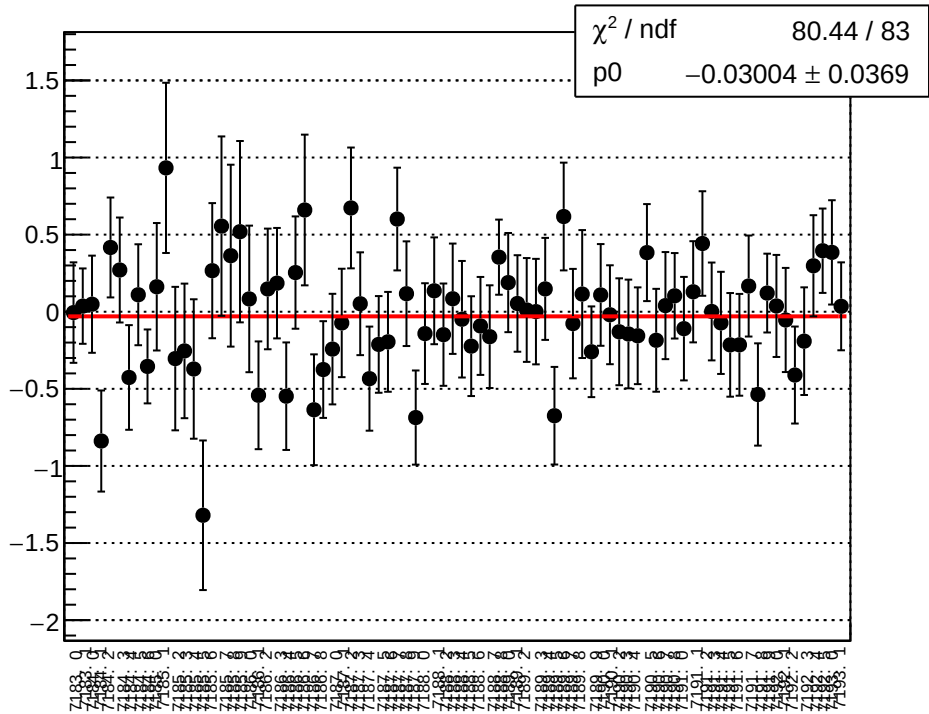
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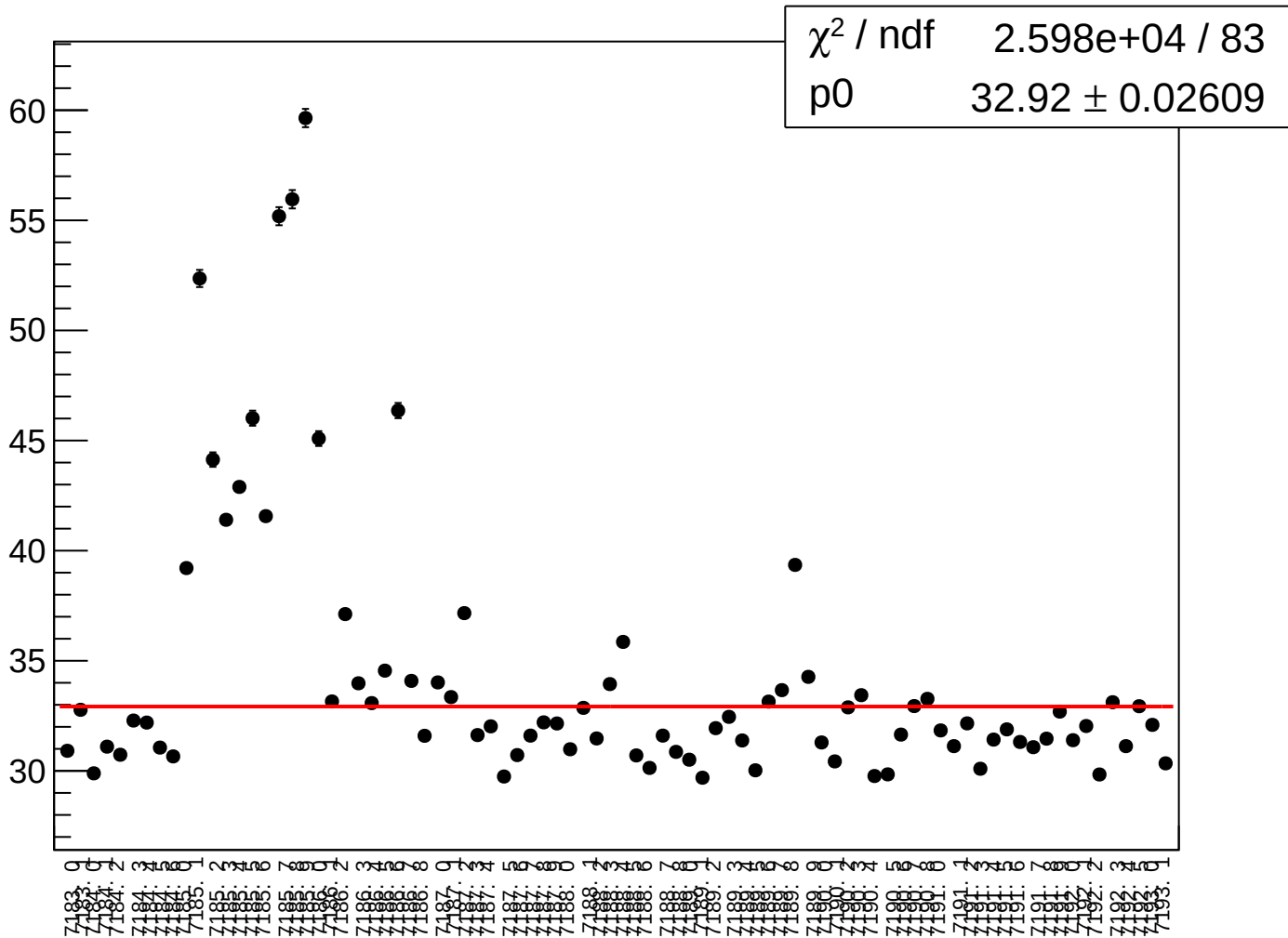
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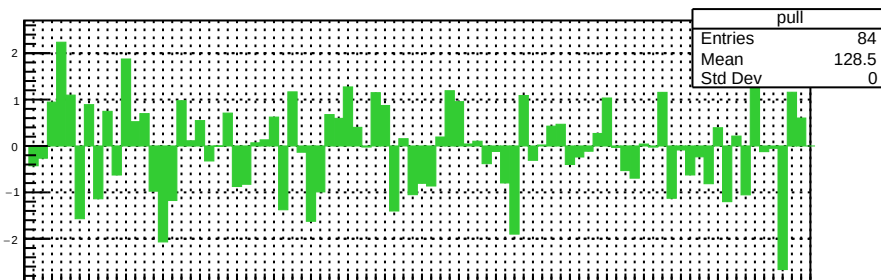
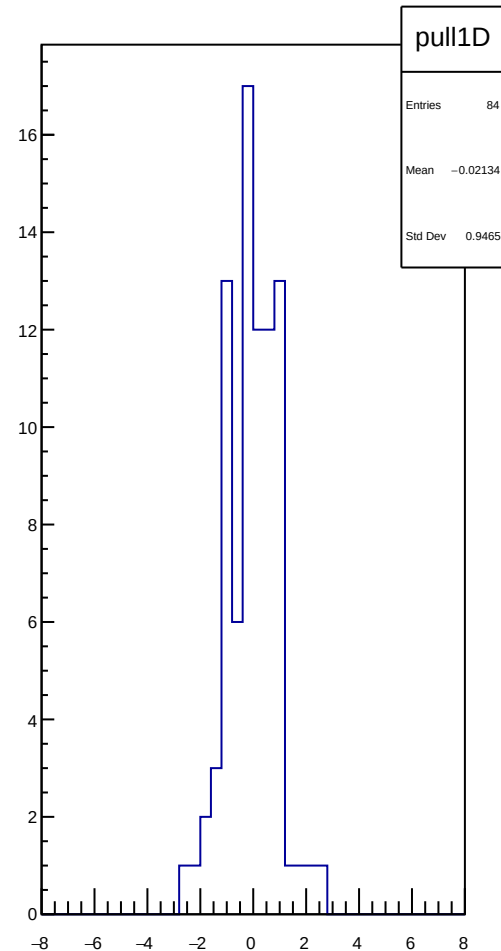
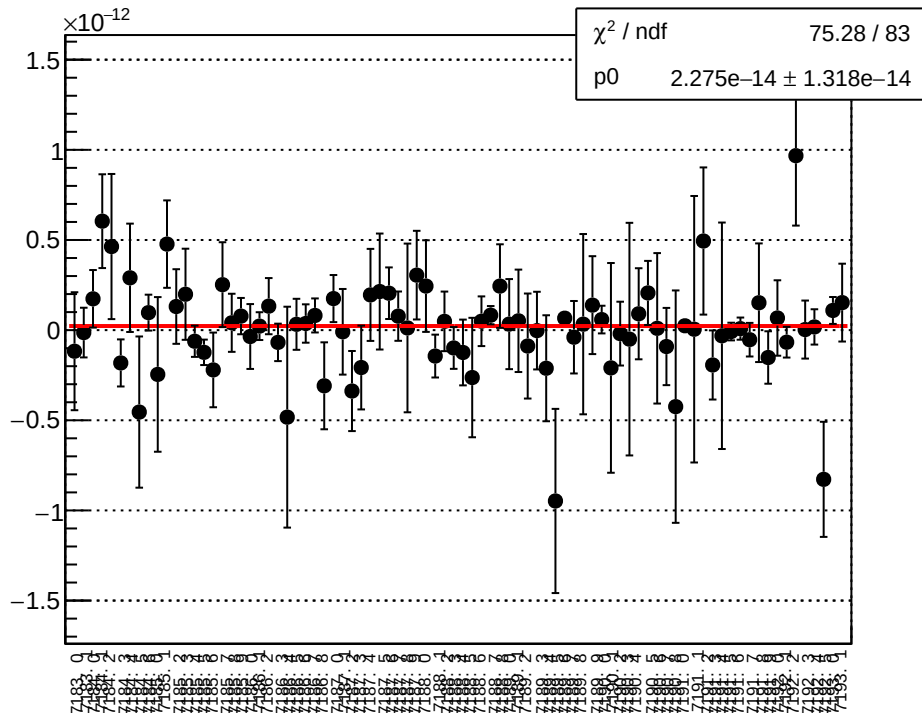
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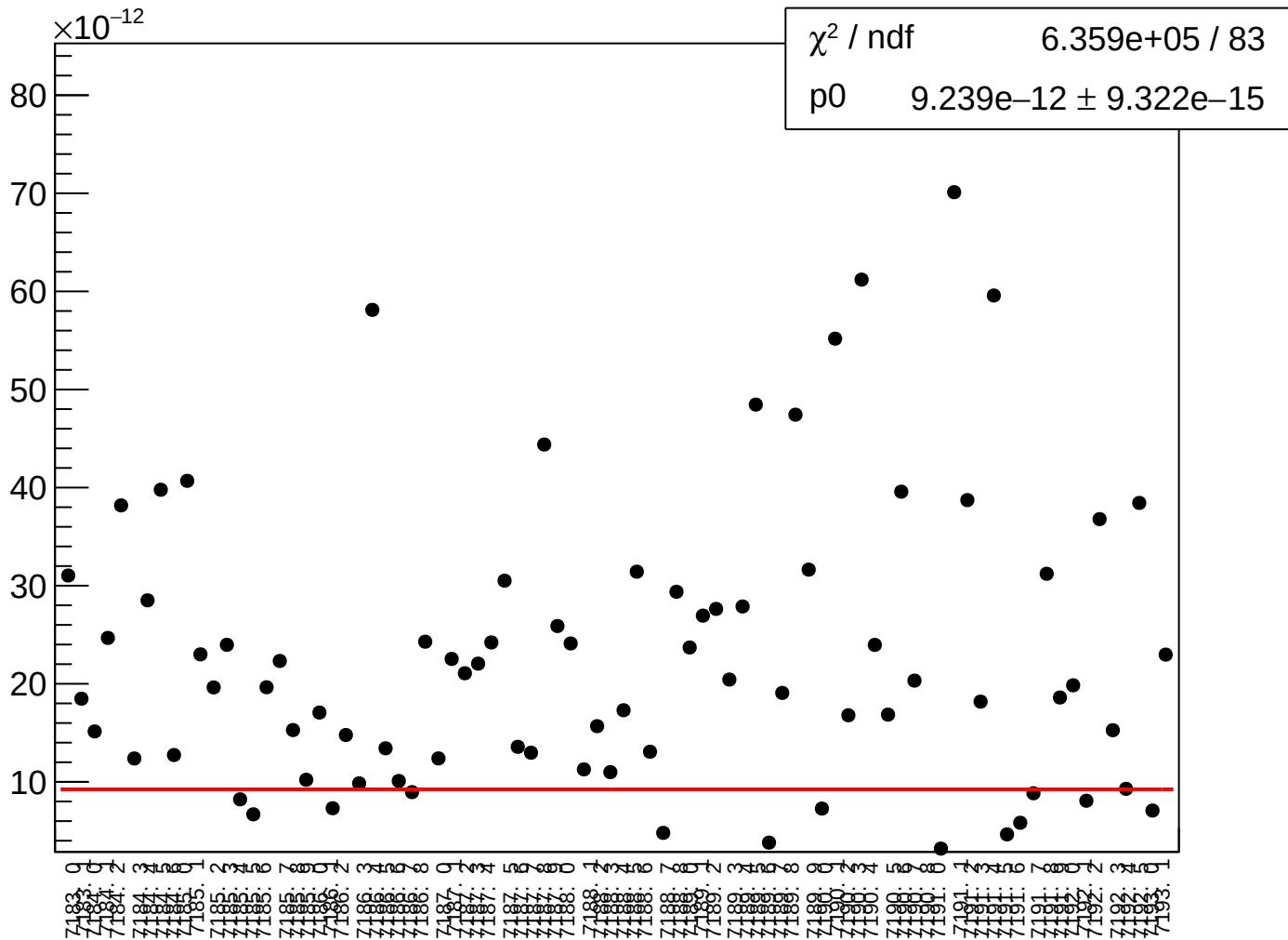
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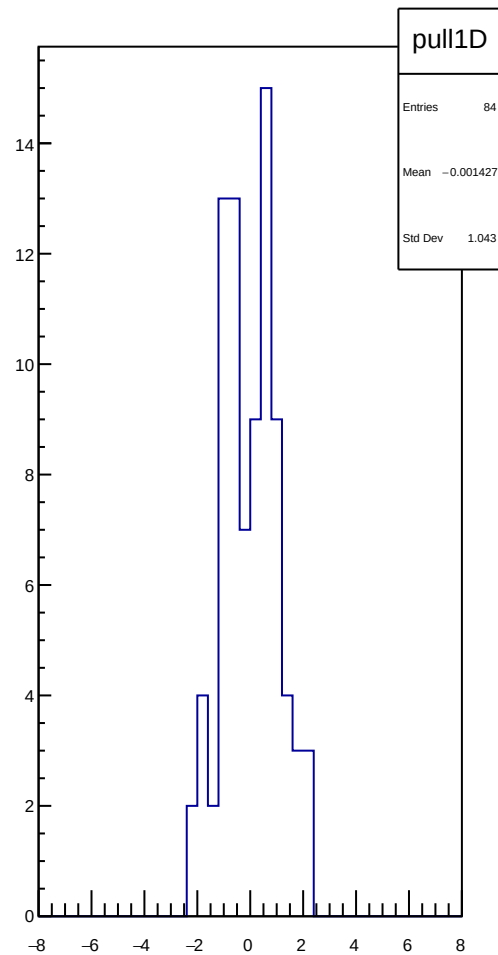
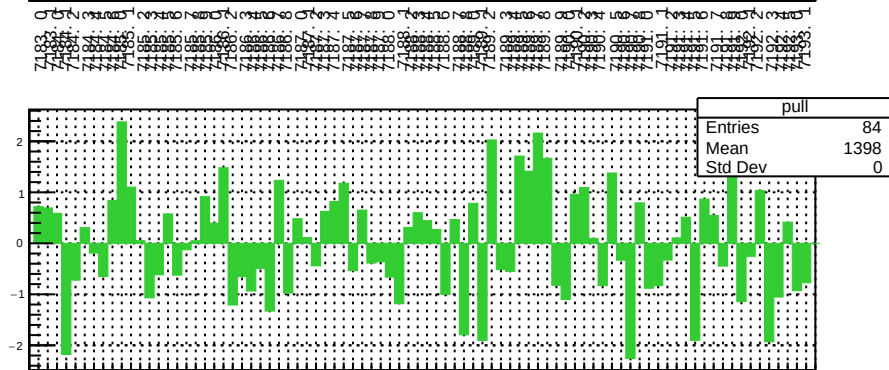
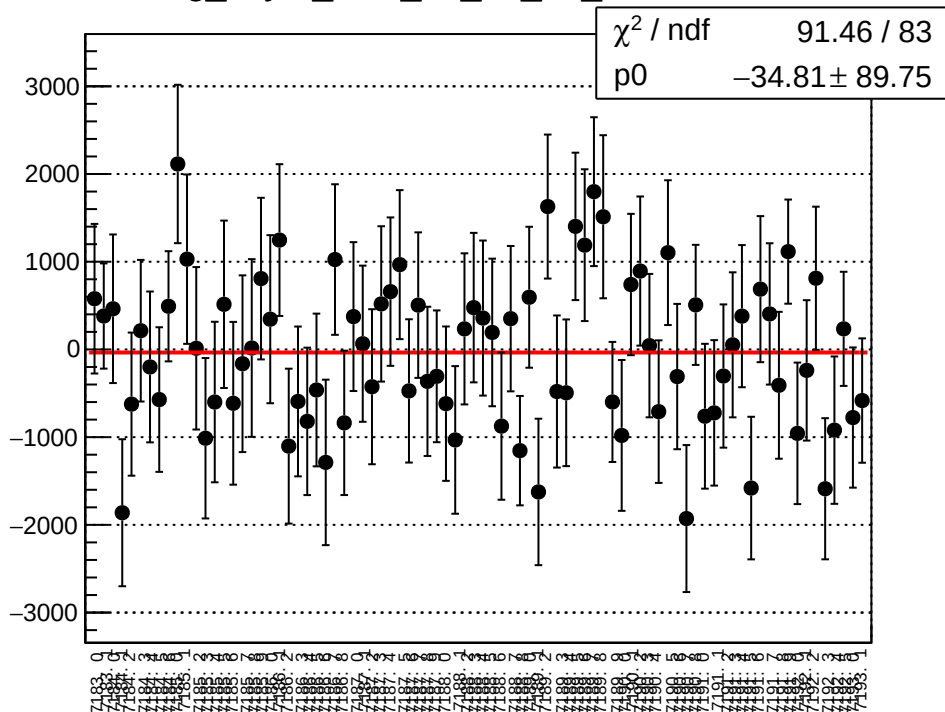
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asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_26_48_dd_mean vs run



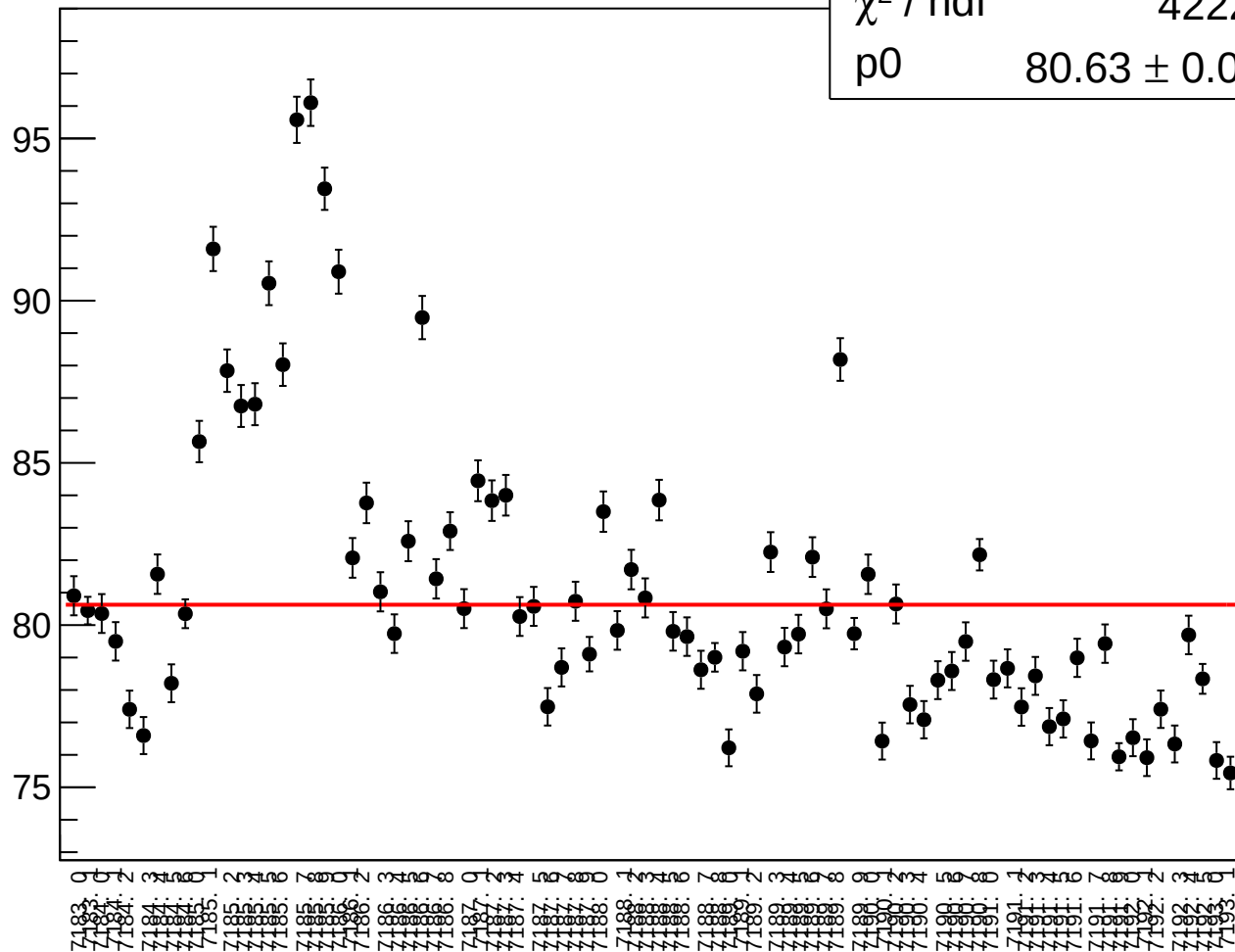
reg_asym_sam_26_48_dd_rms vs run

χ^2 / ndf

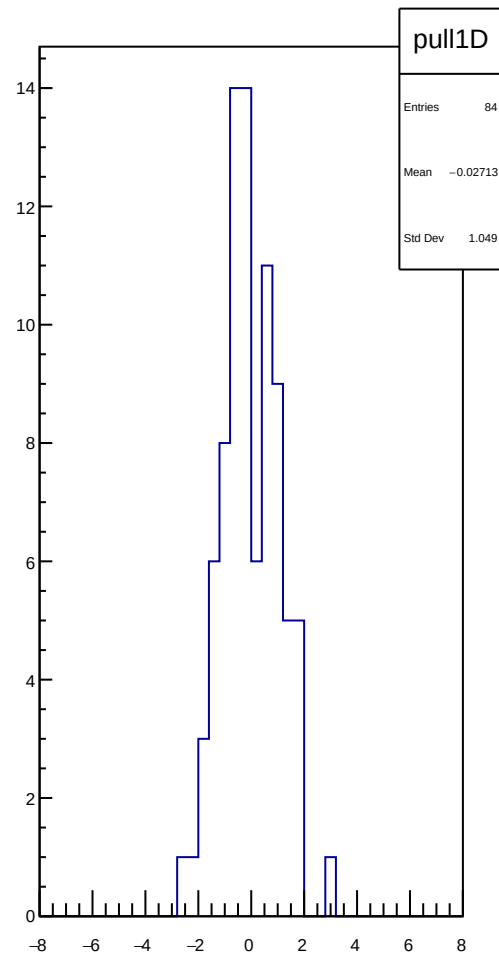
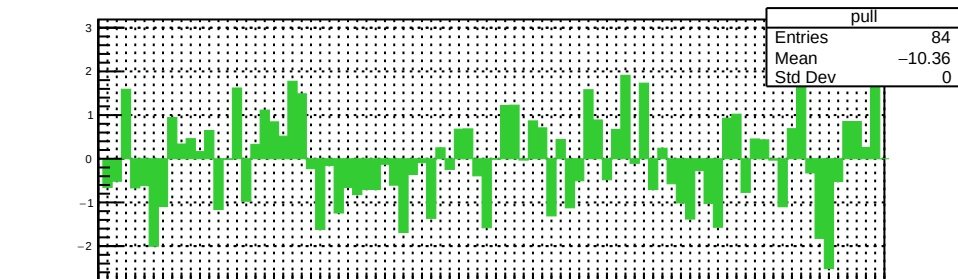
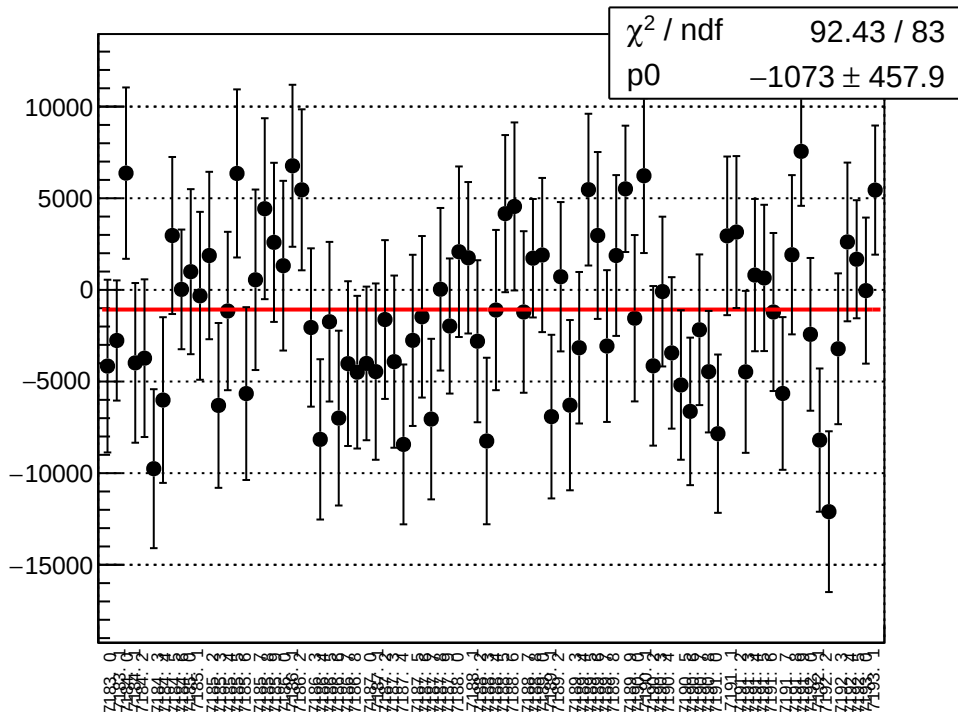
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p0

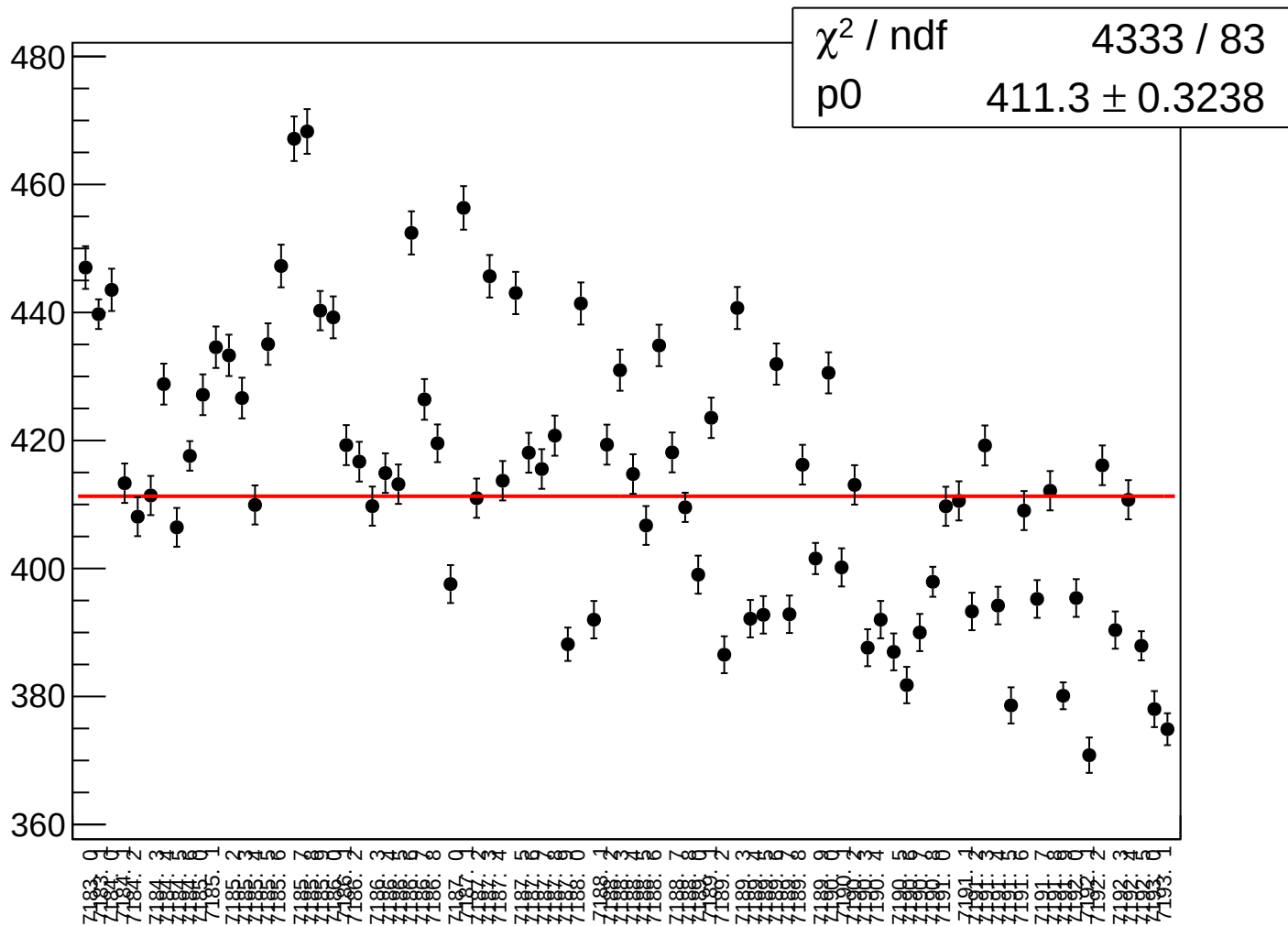
80.63 ± 0.06347



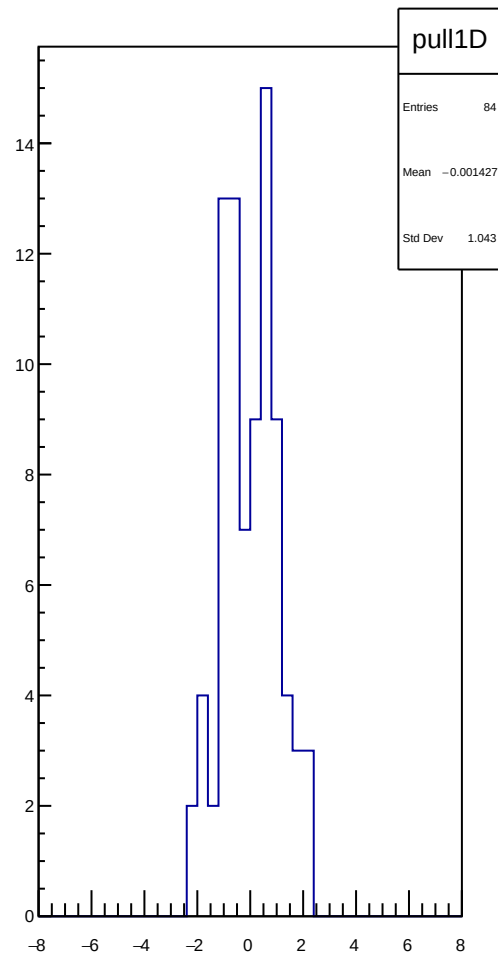
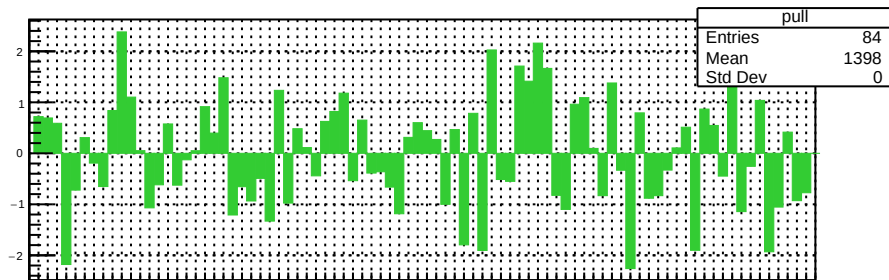
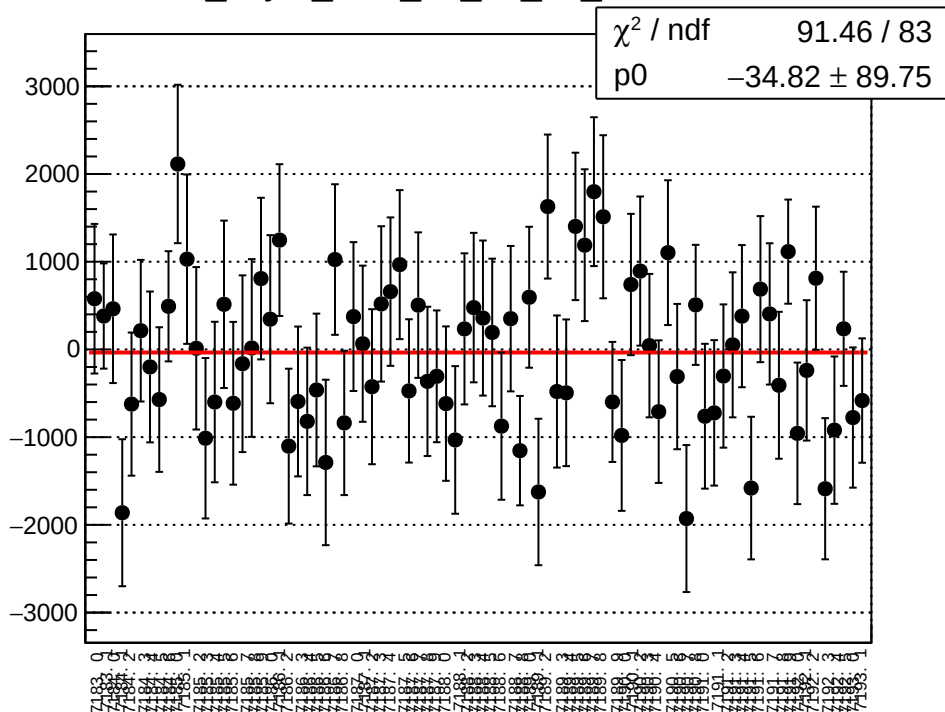
asym_sam_26_48_dd_reg_correction_mean vs run



asym_sam_26_48_dd_reg_correction_rms vs run



cor_asym_sam_26_48_dd_mean vs run



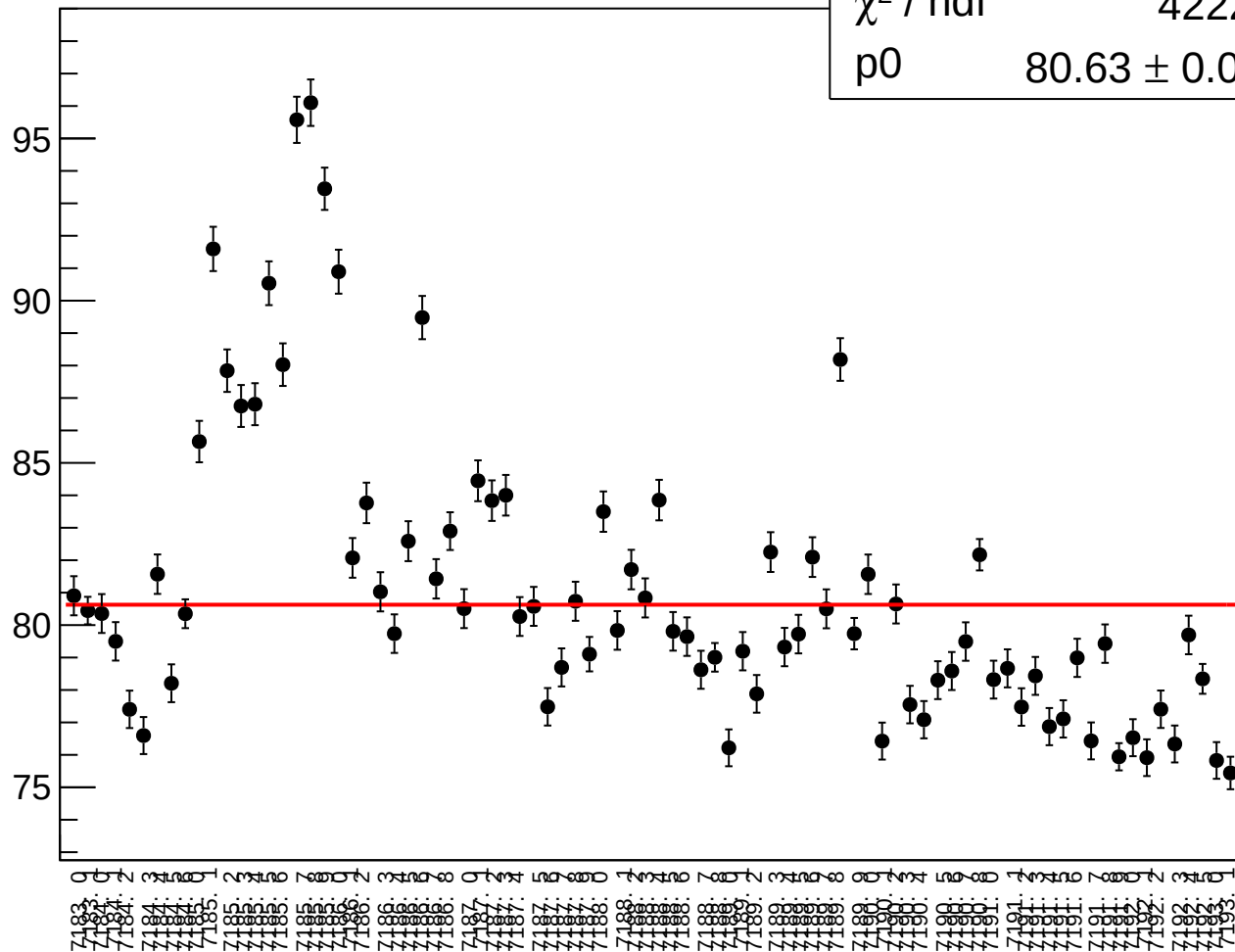
cor_asym_sam_26_48_dd_rms vs run

χ^2 / ndf

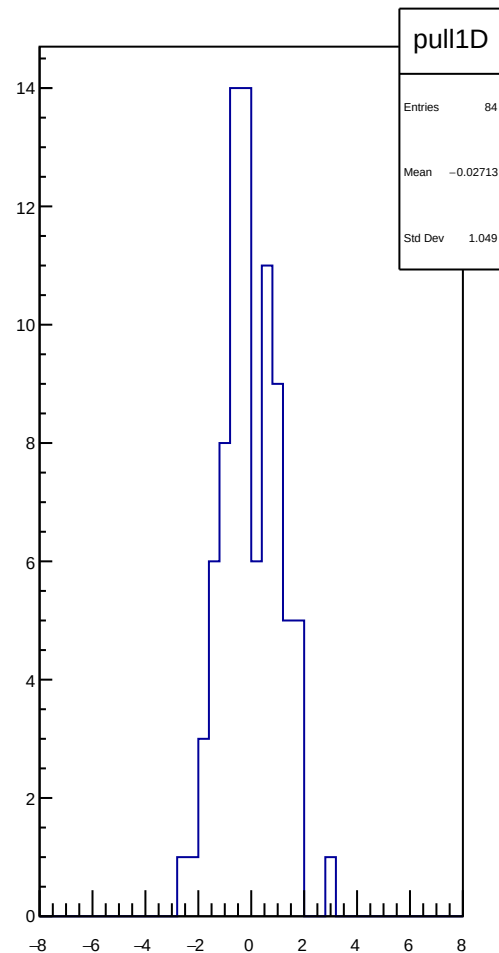
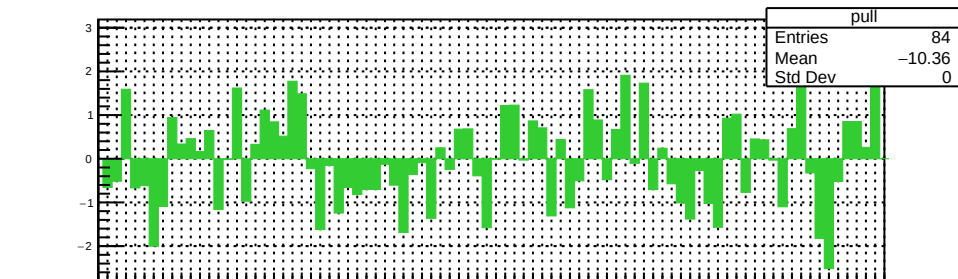
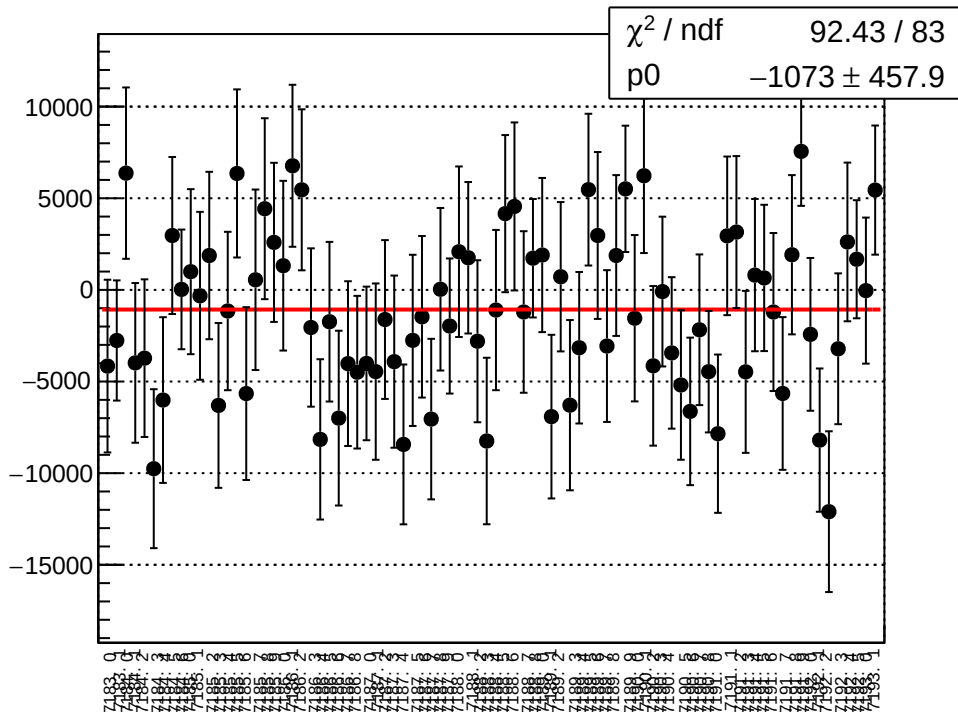
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p0

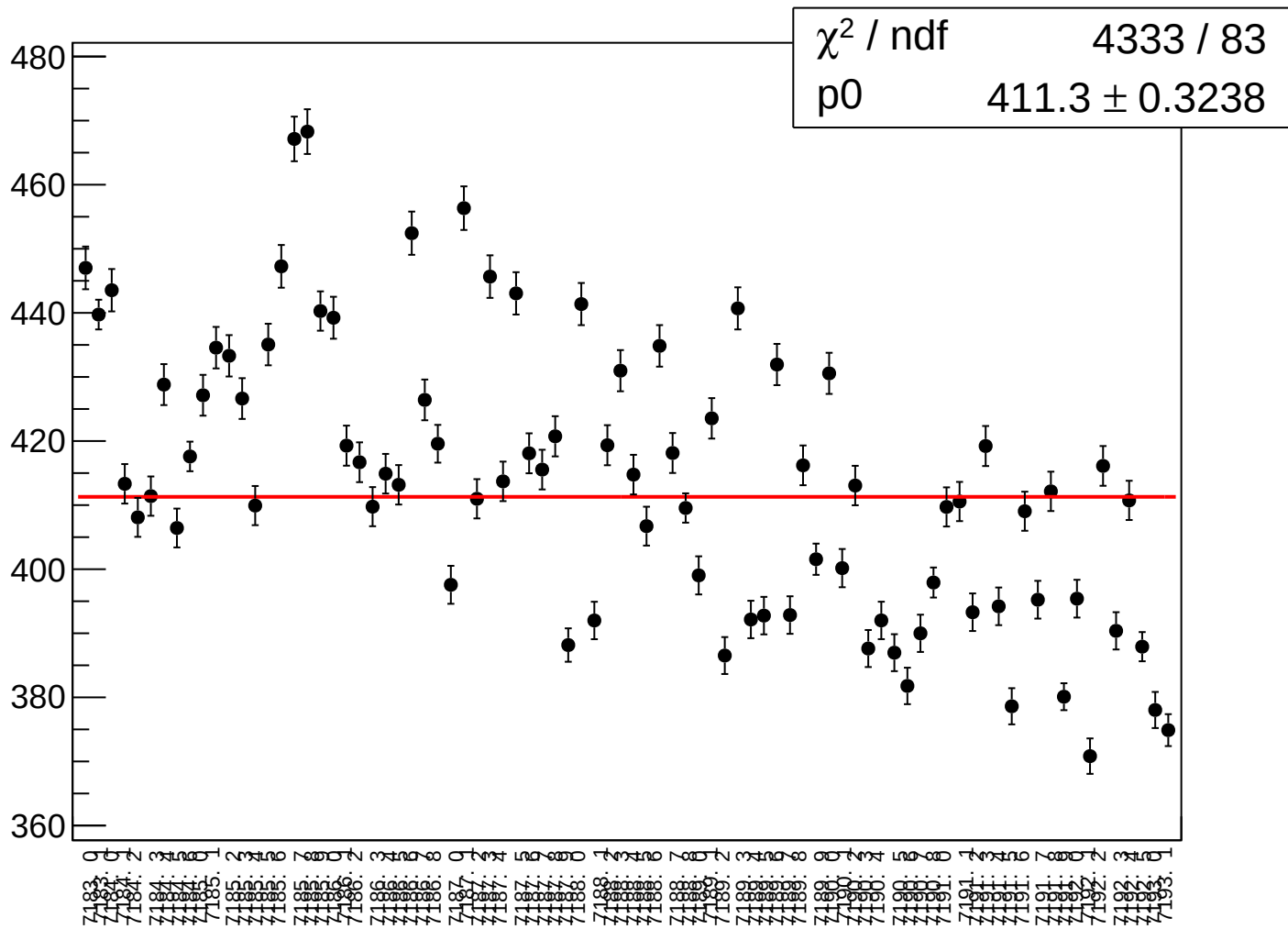
80.63 ± 0.06347



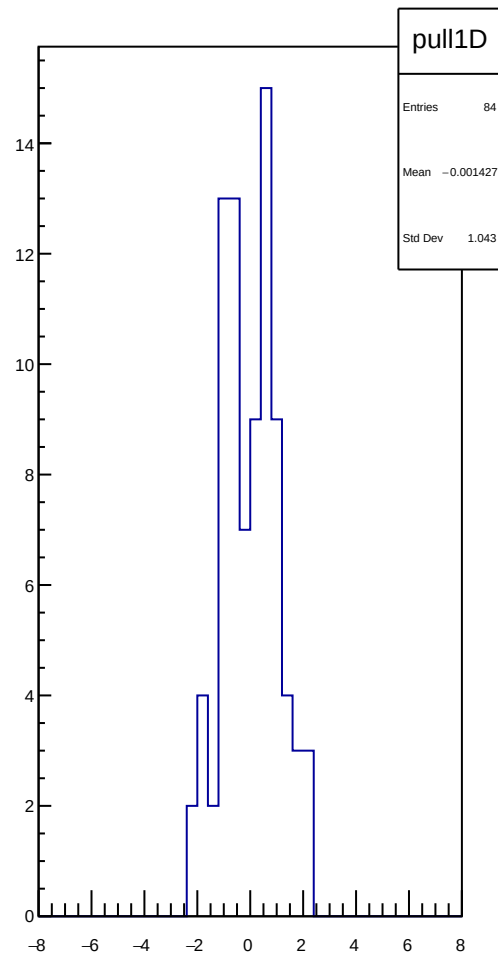
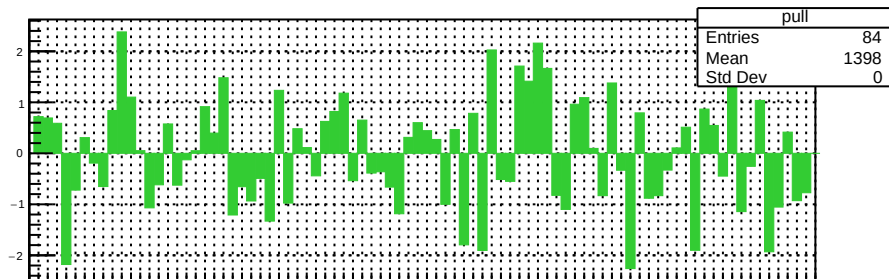
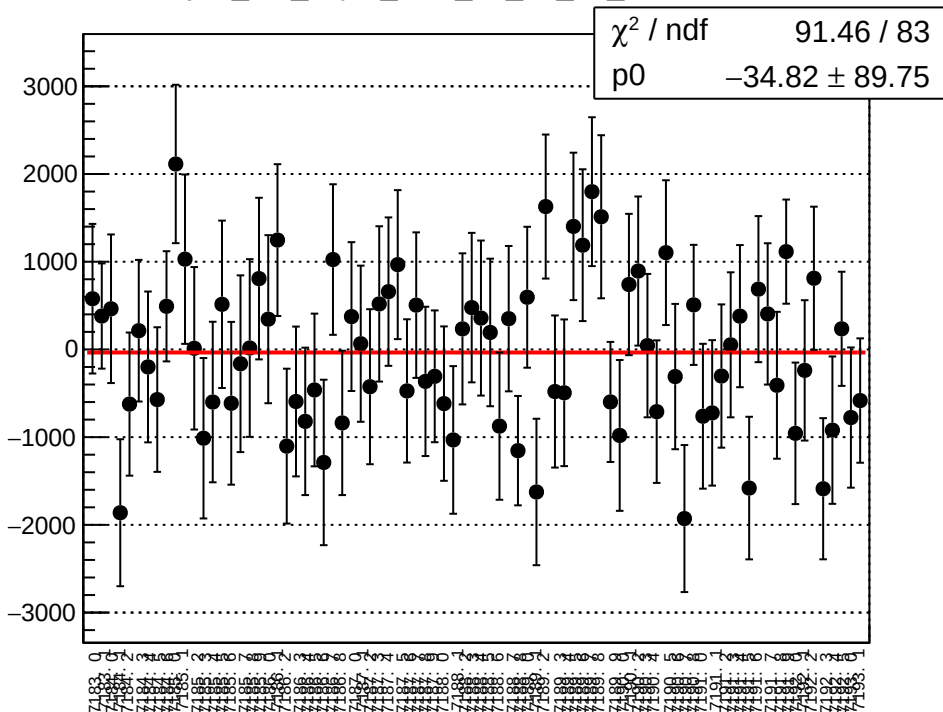
asym_sam_26_48_dd_cor_correction_mean vs run



asym_sam_26_48_dd_cor_correction_rms vs run



eigen_cor_asym_sam_26_48_dd_mean vs run



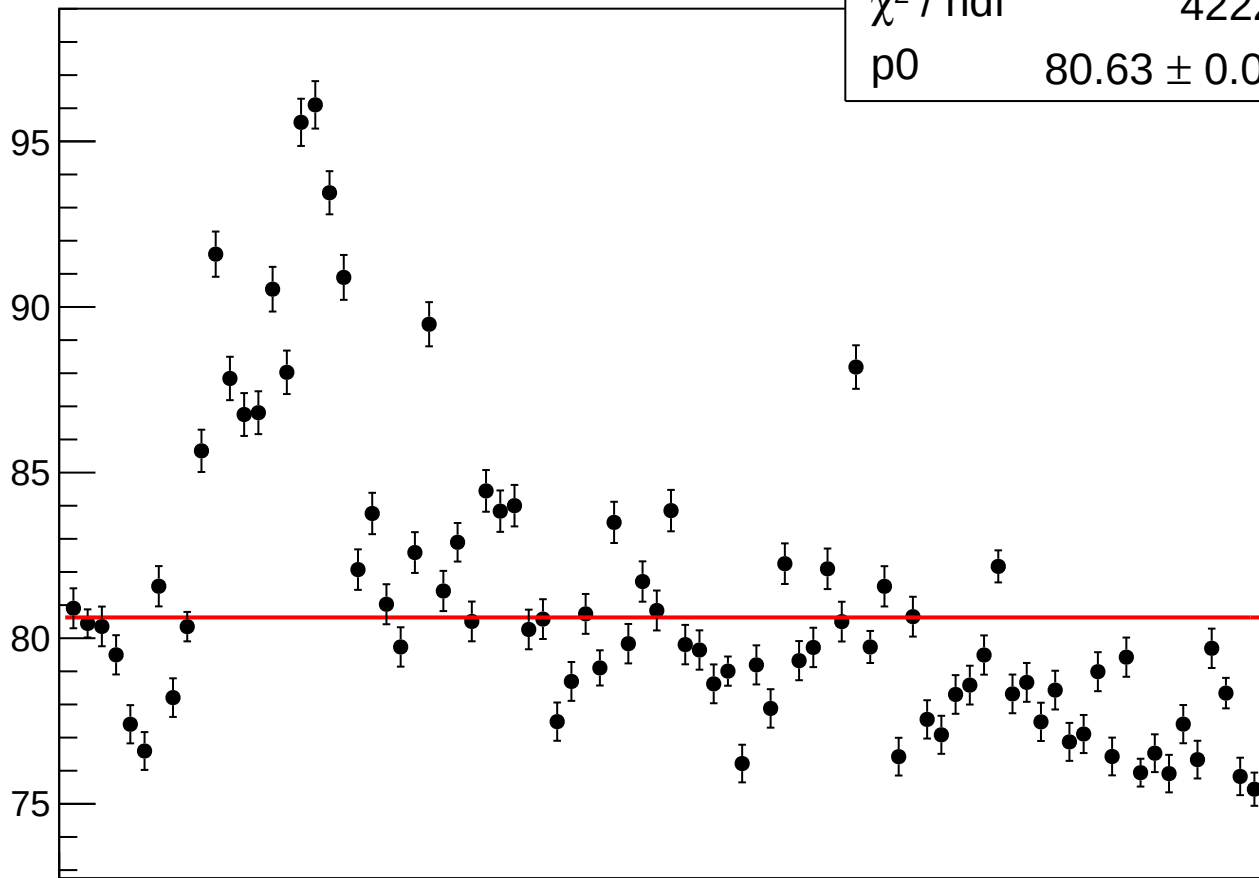
eigen_cor_asym_sam_26_48_dd_rms vs run

χ^2 / ndf

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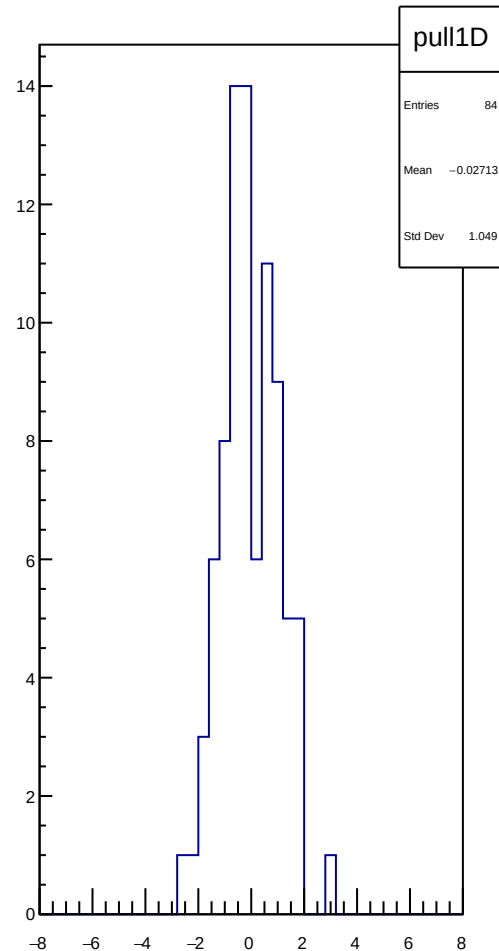
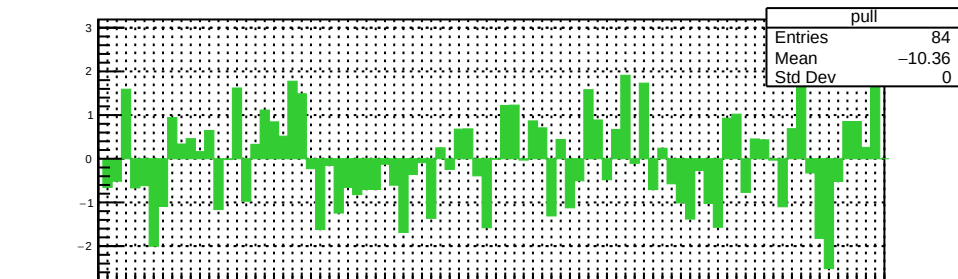
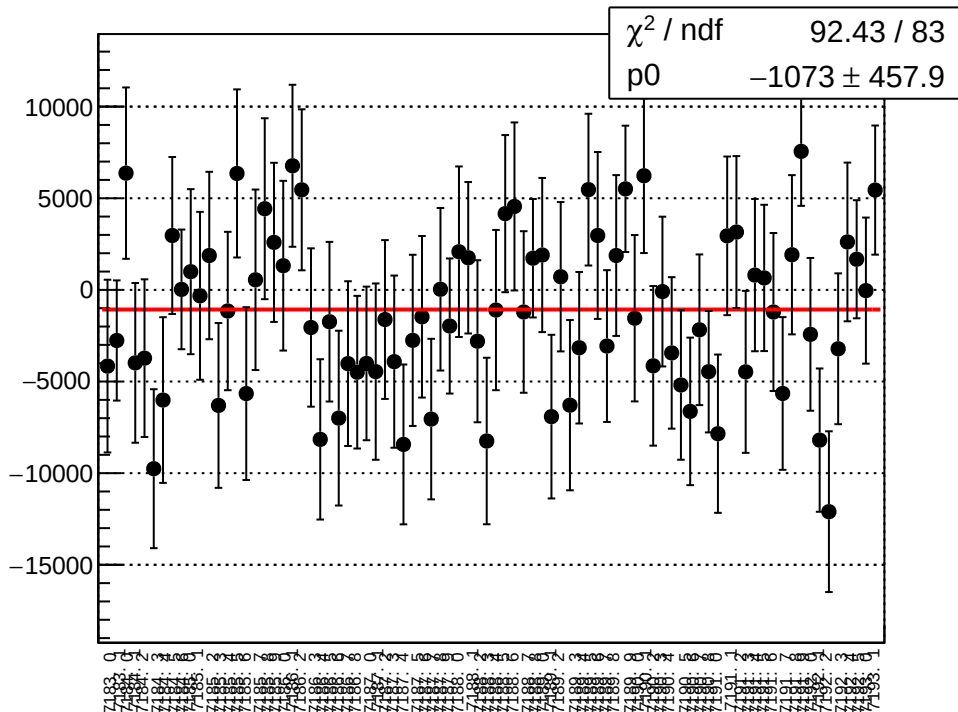
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80.63 ± 0.06347

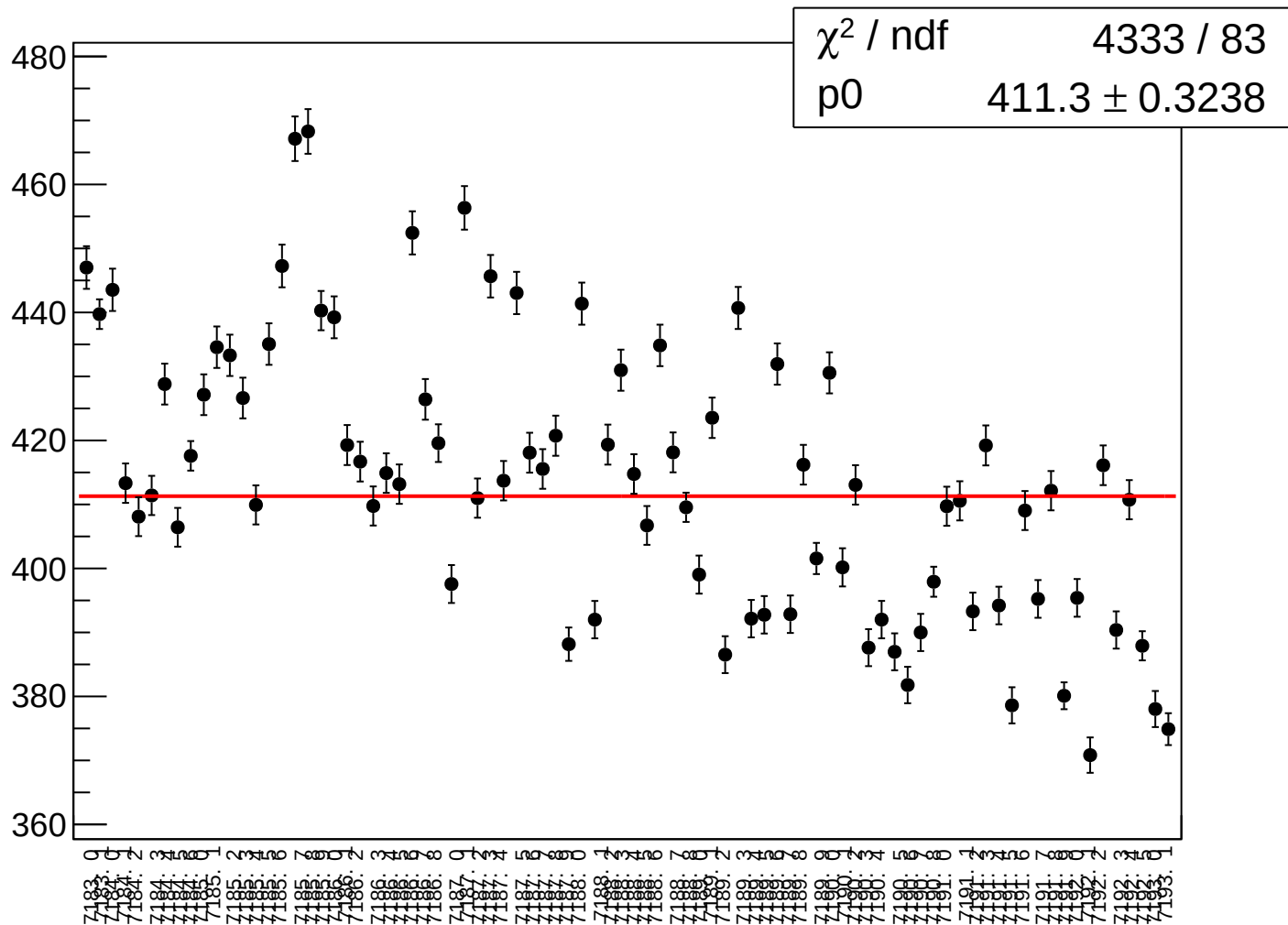


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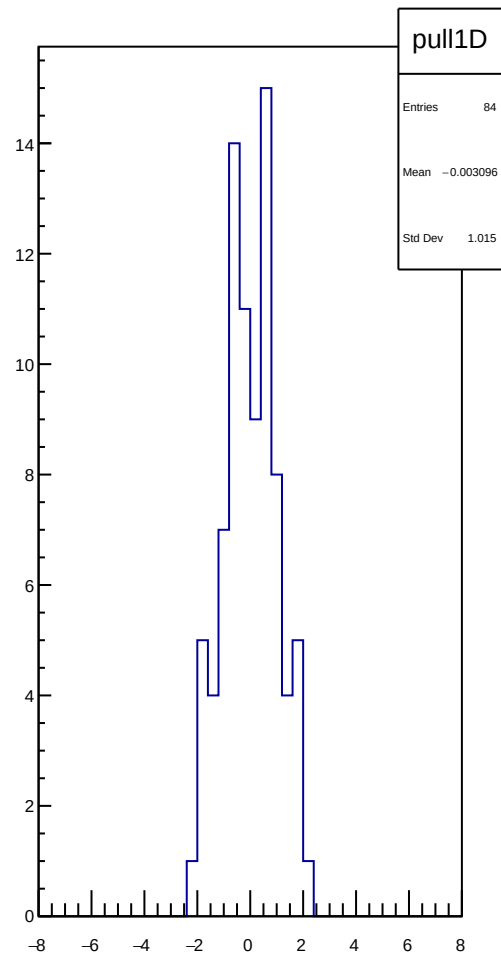
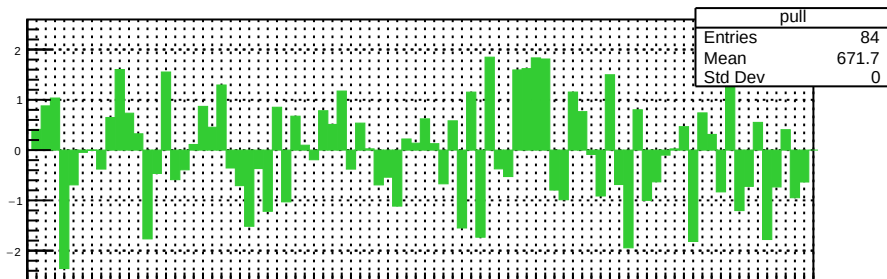
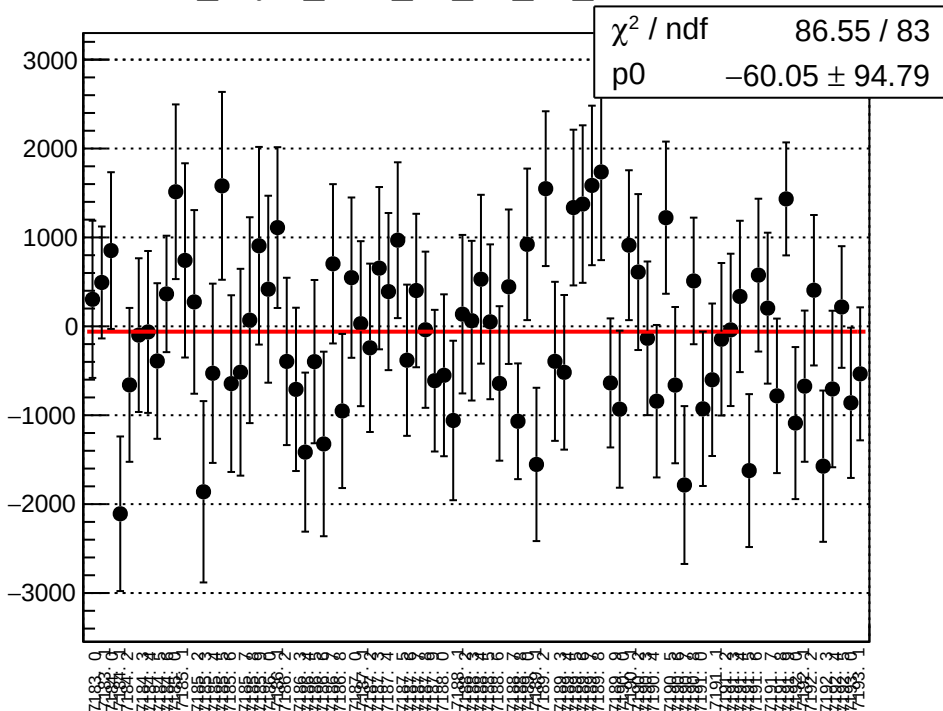
asym_sam_26_48_dd_eigen_cor_correction_mean vs run



asym_sam_26_48_dd_eigen_cor_correction_rms vs run



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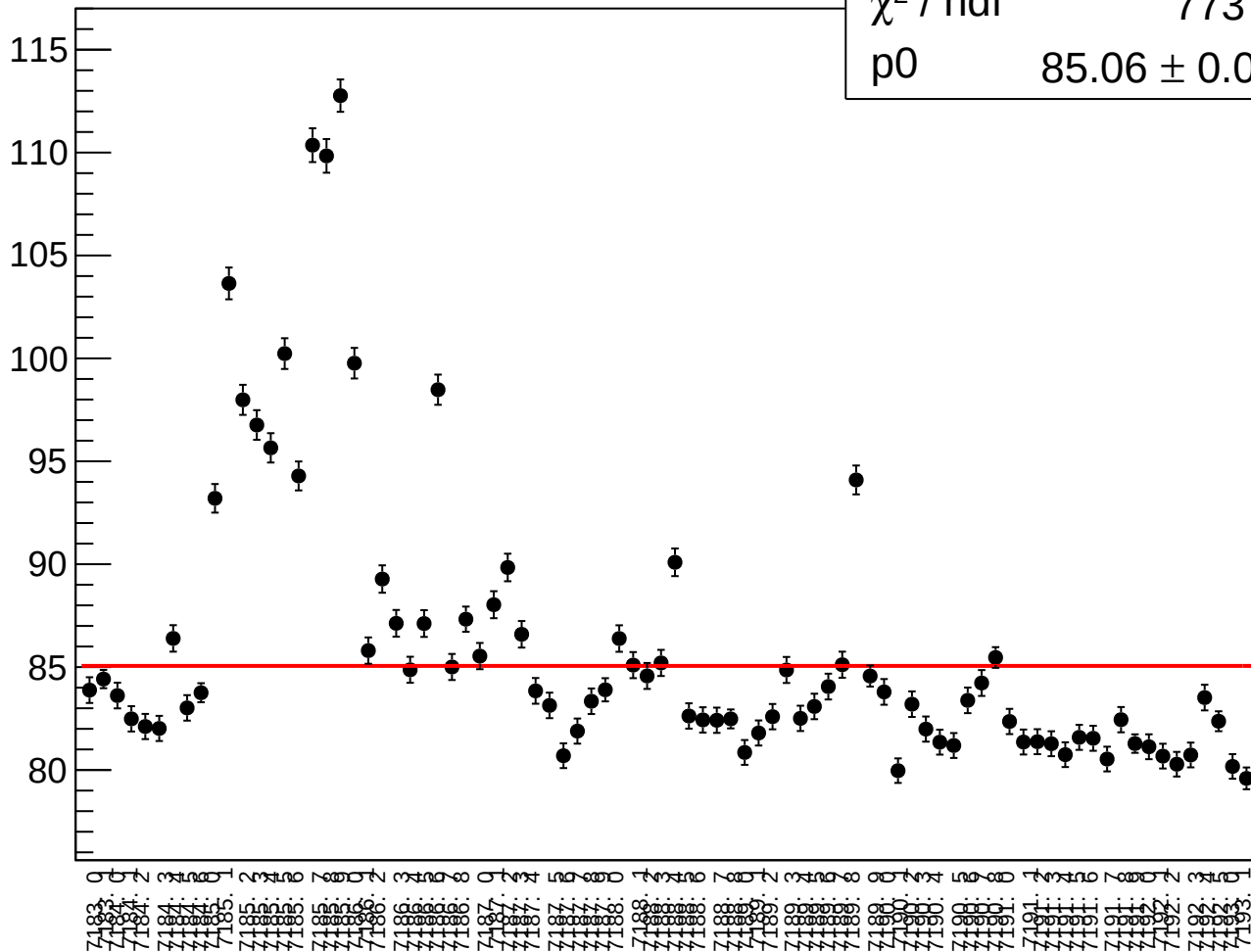
dit_asym_sam_26_48_dd_rms vs run

χ^2 / ndf

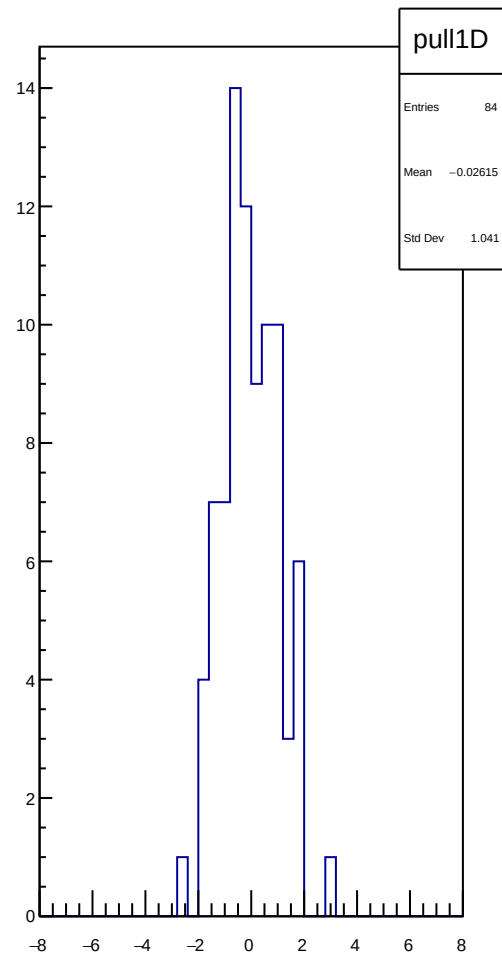
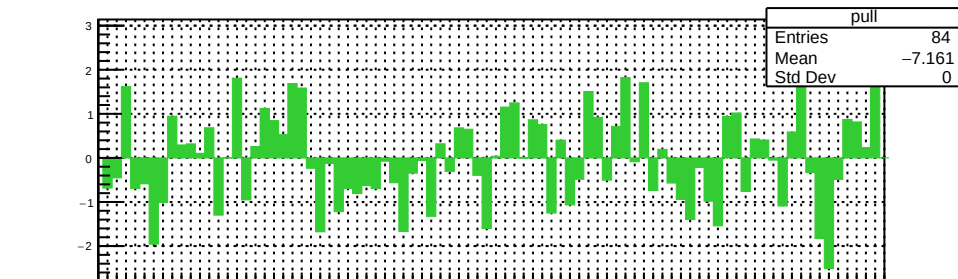
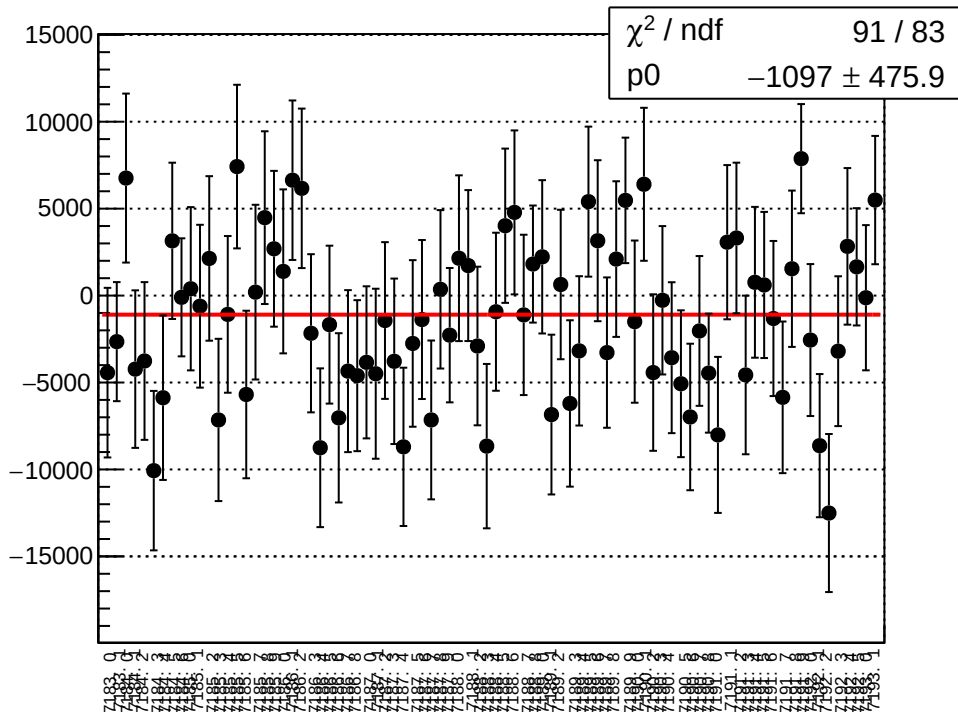
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p0

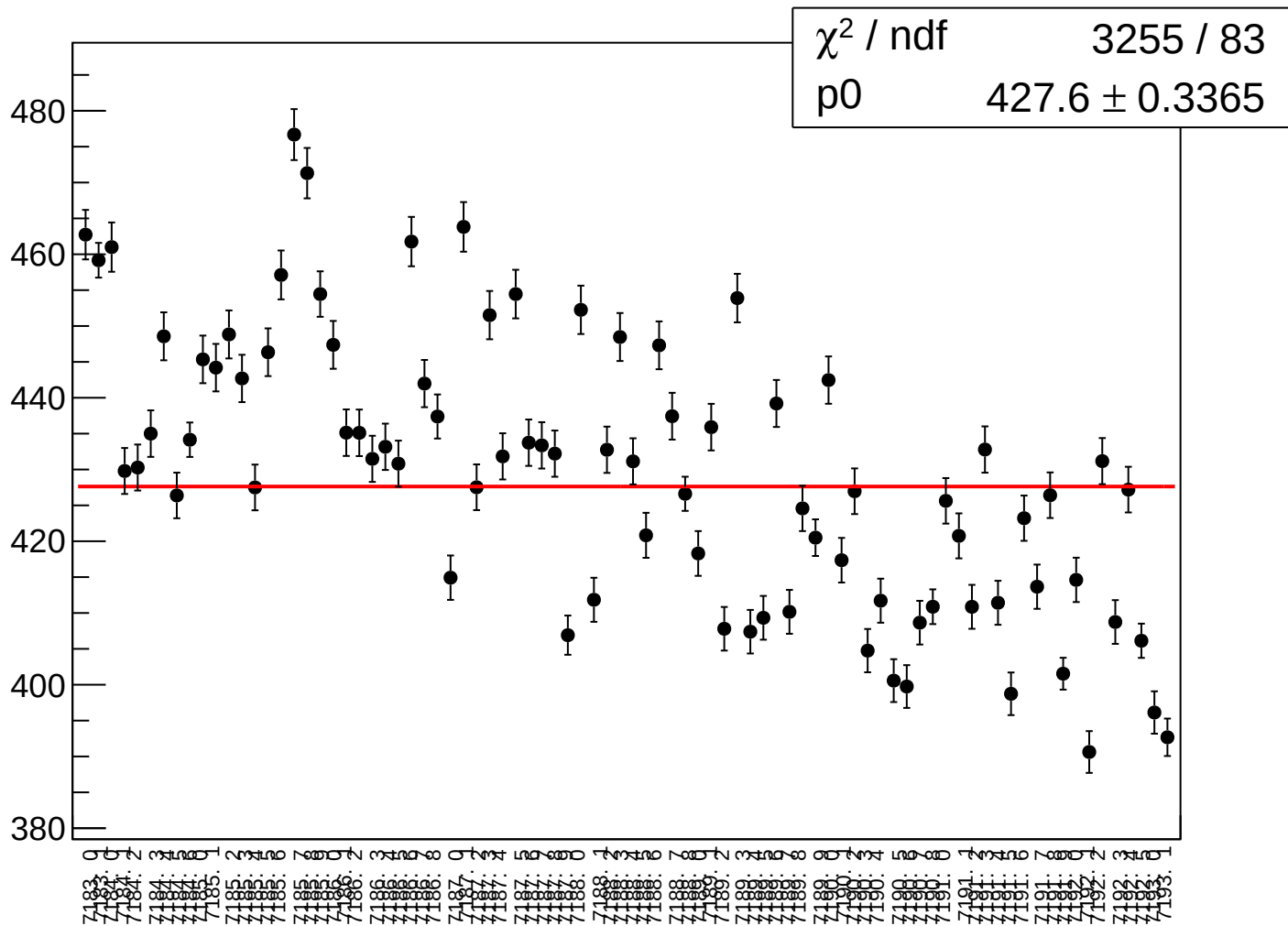
85.06 ± 0.06703



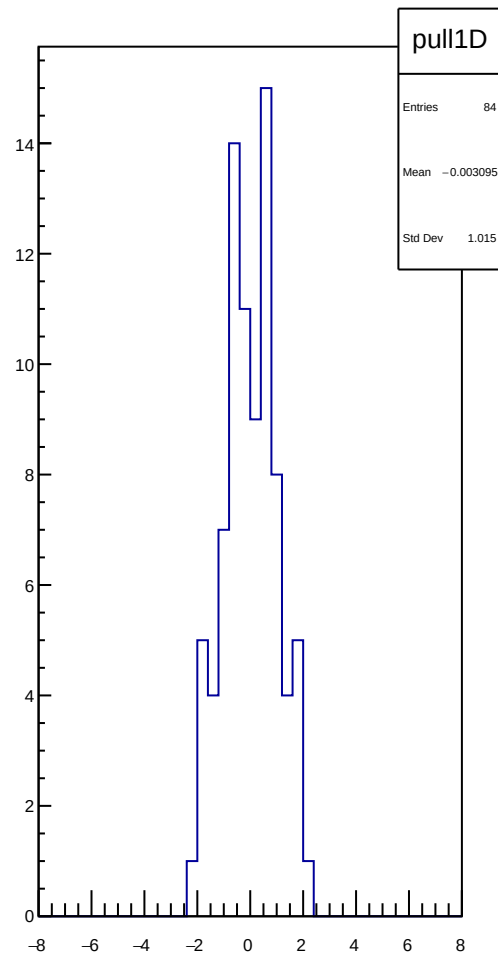
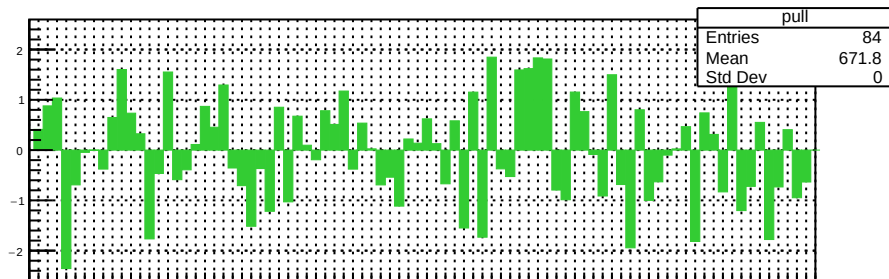
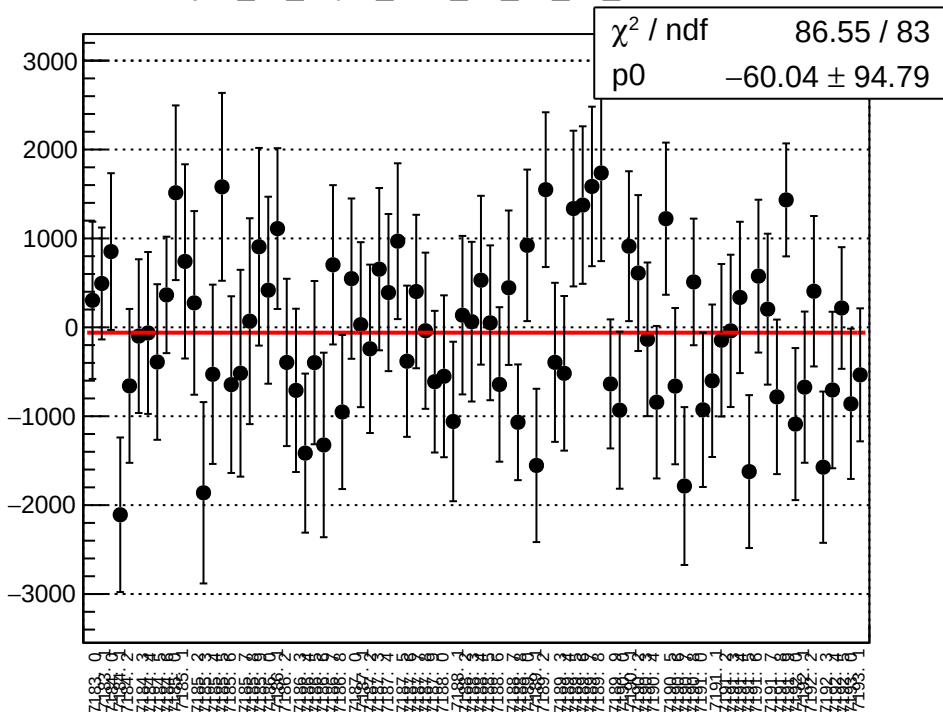
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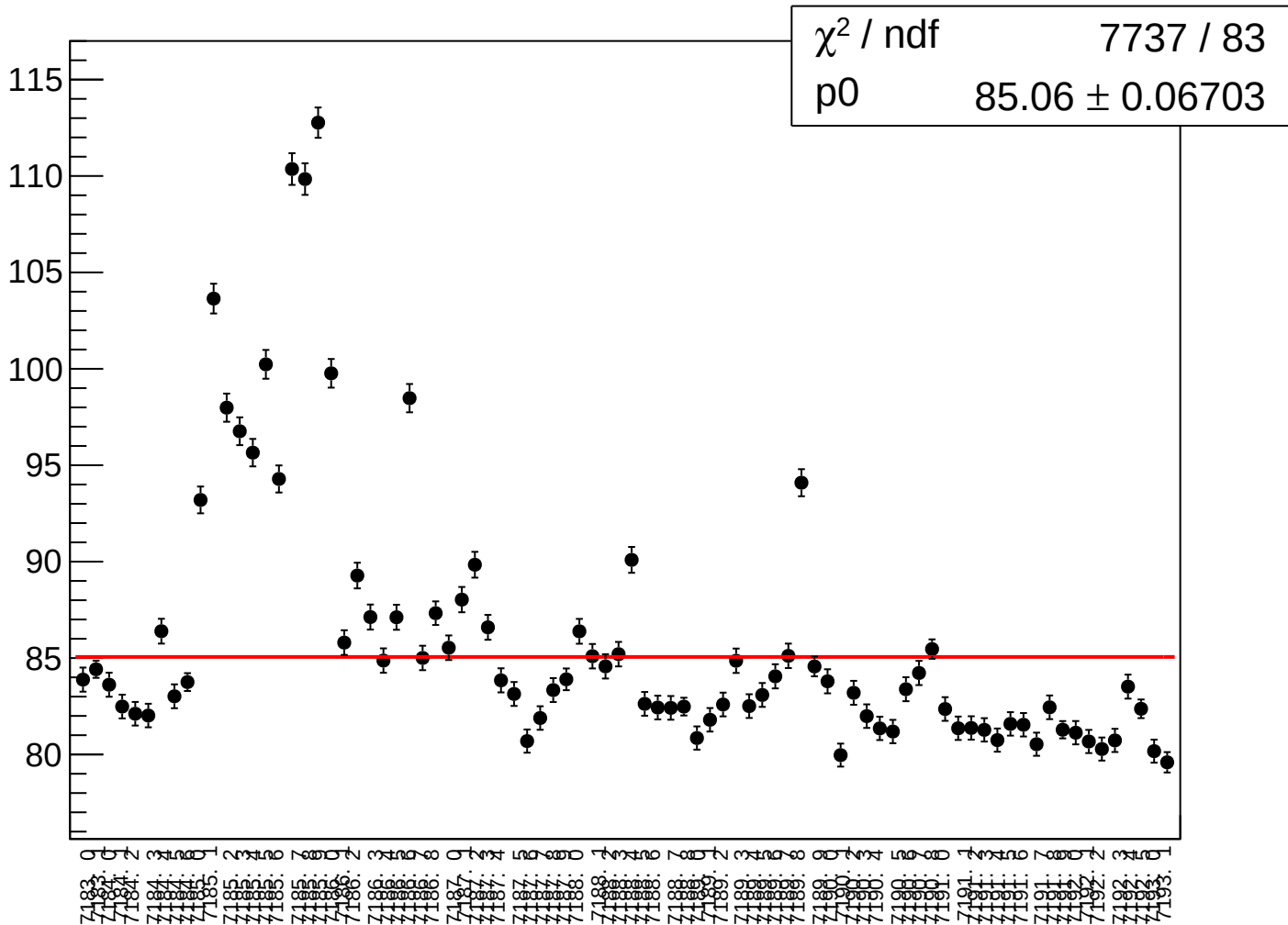
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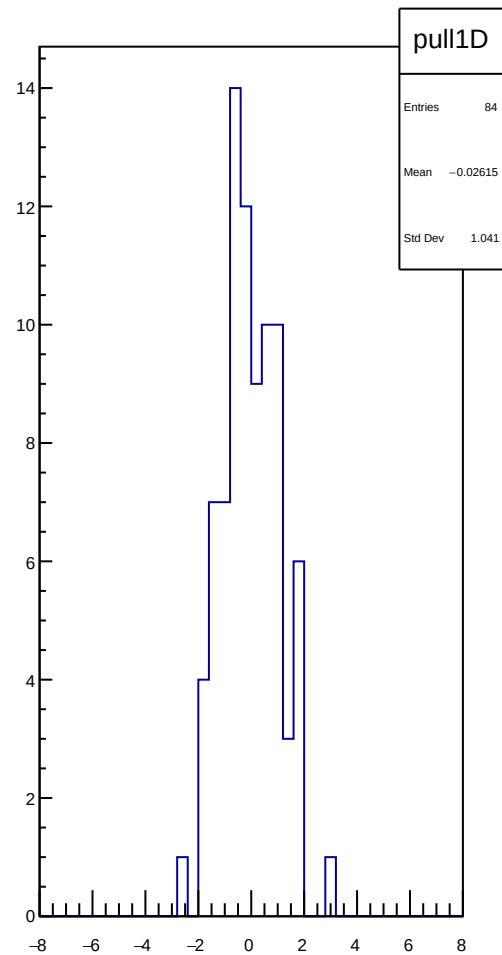
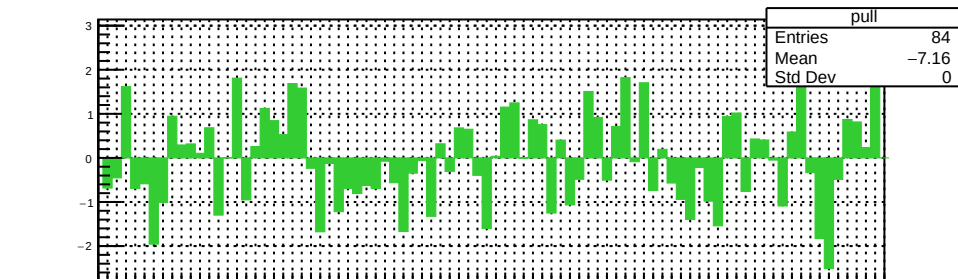
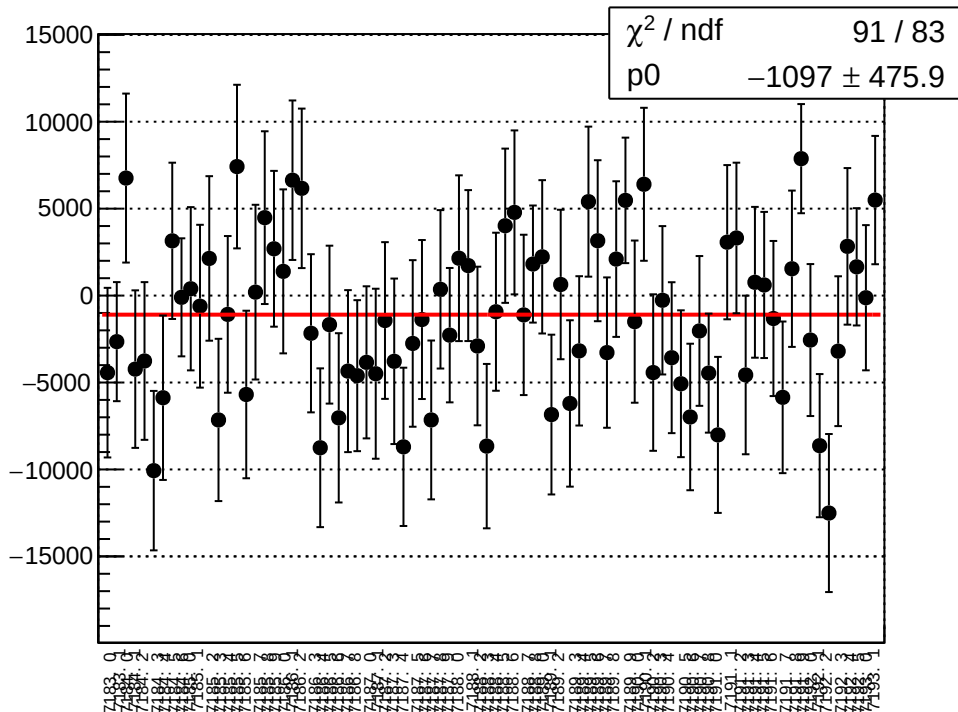
eigen_dit_asym_sam_26_48_dd_mean vs run



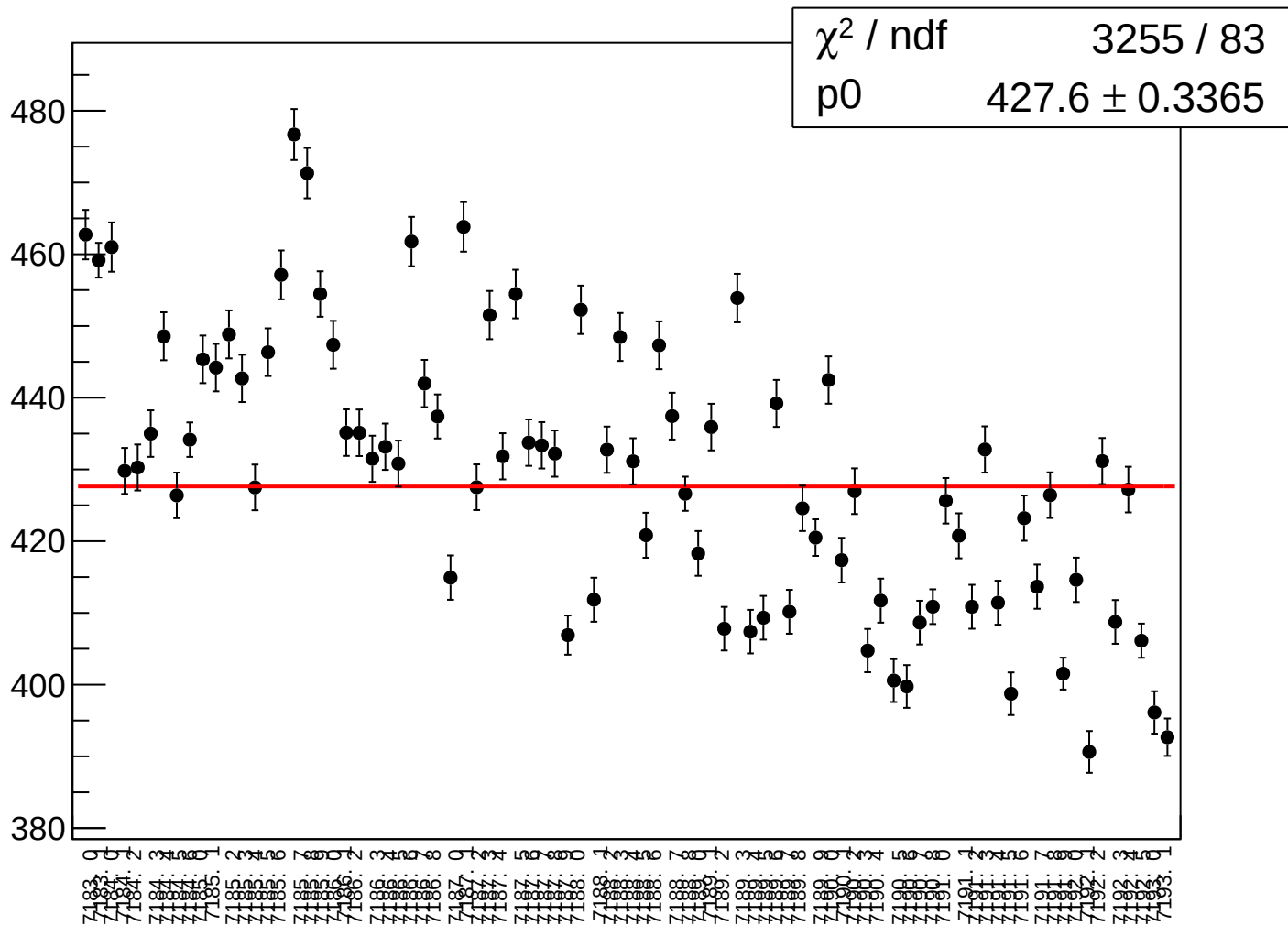
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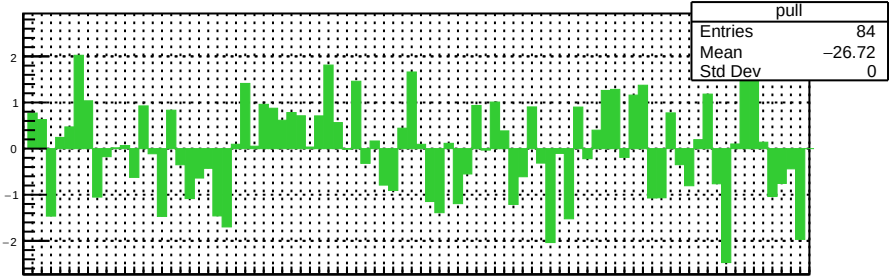
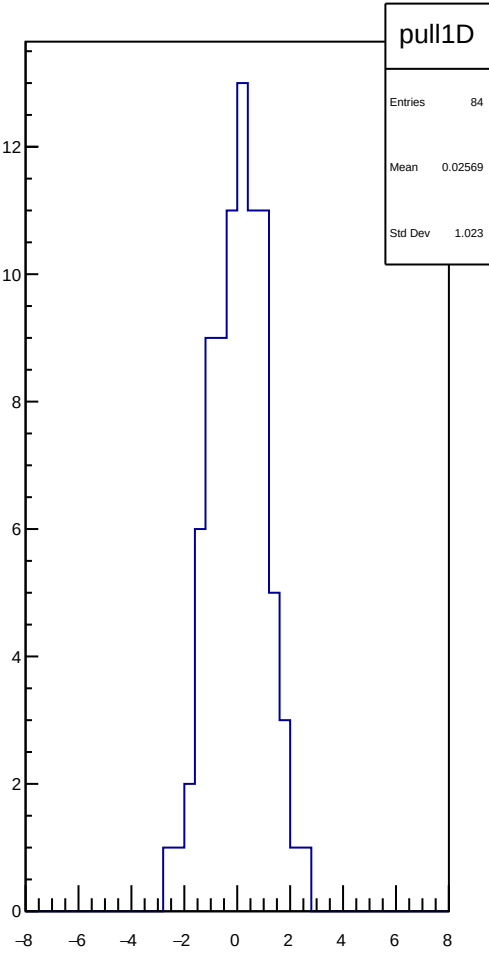
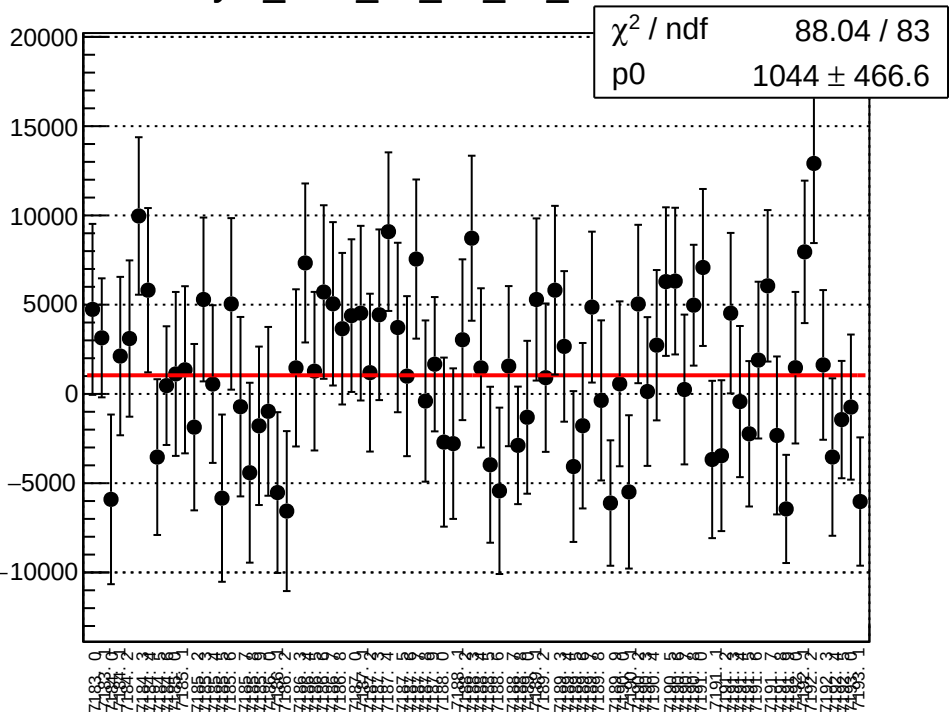
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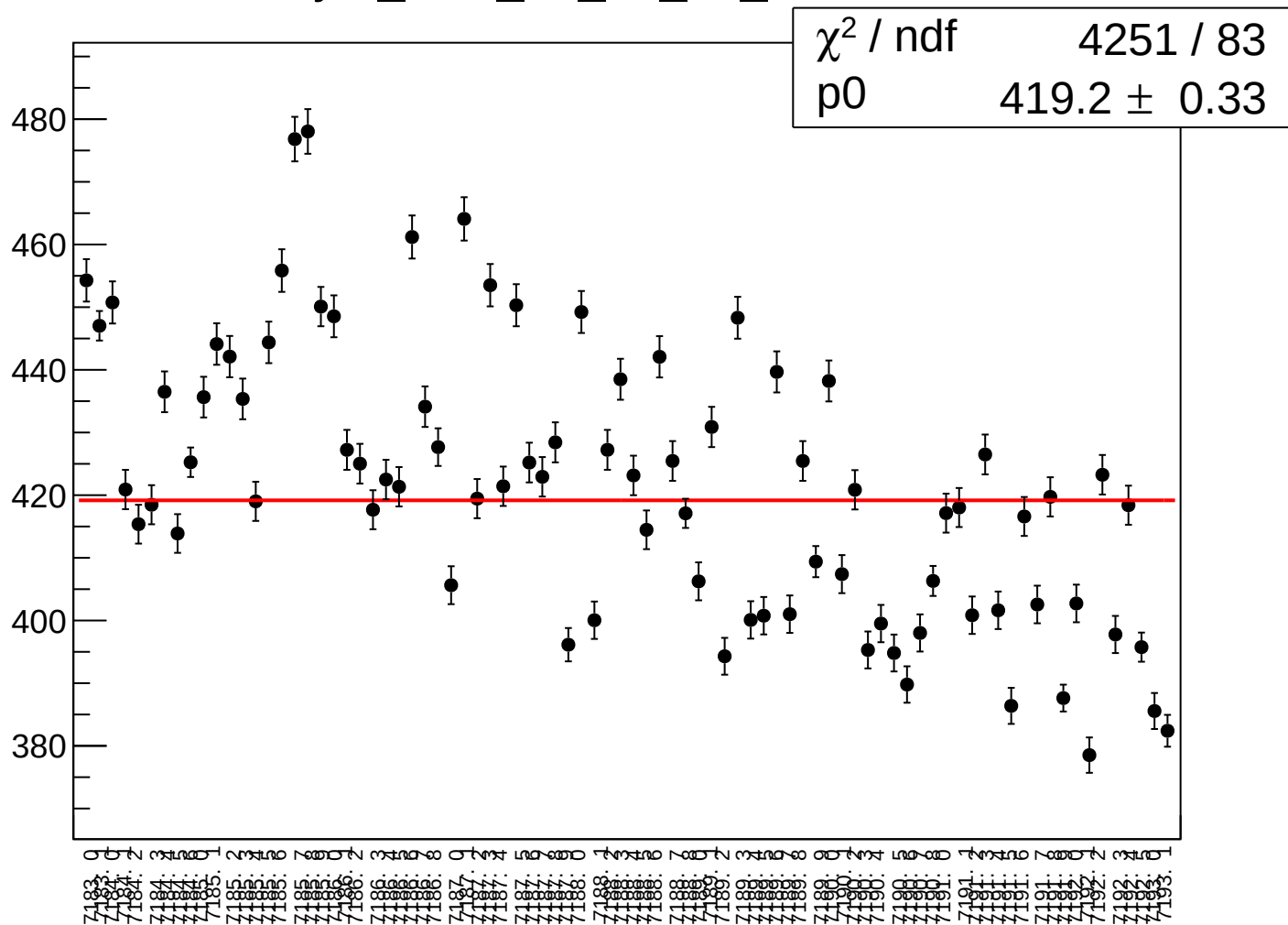
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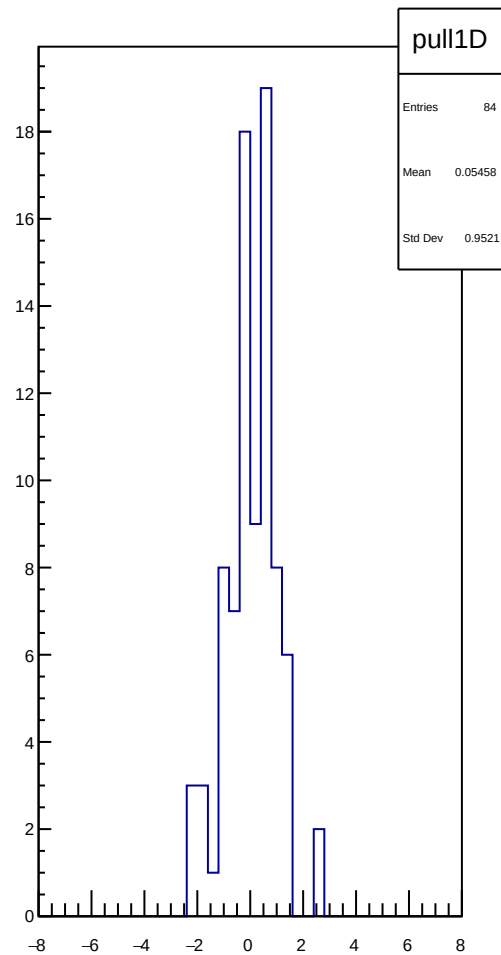
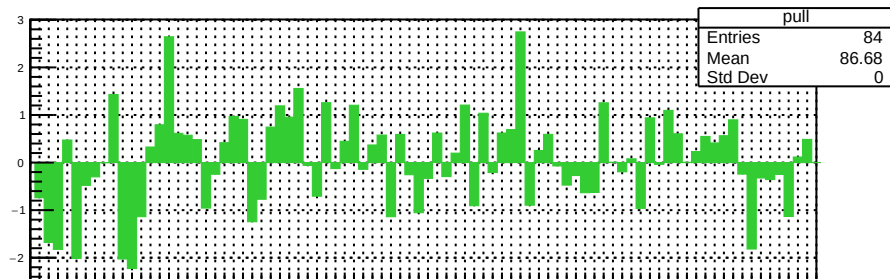
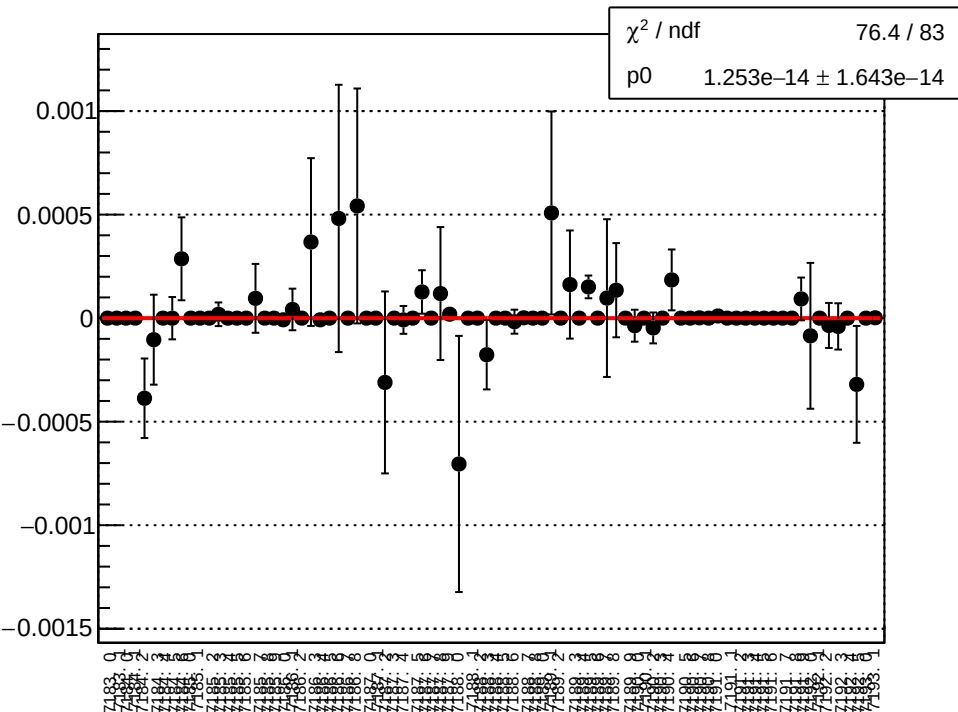
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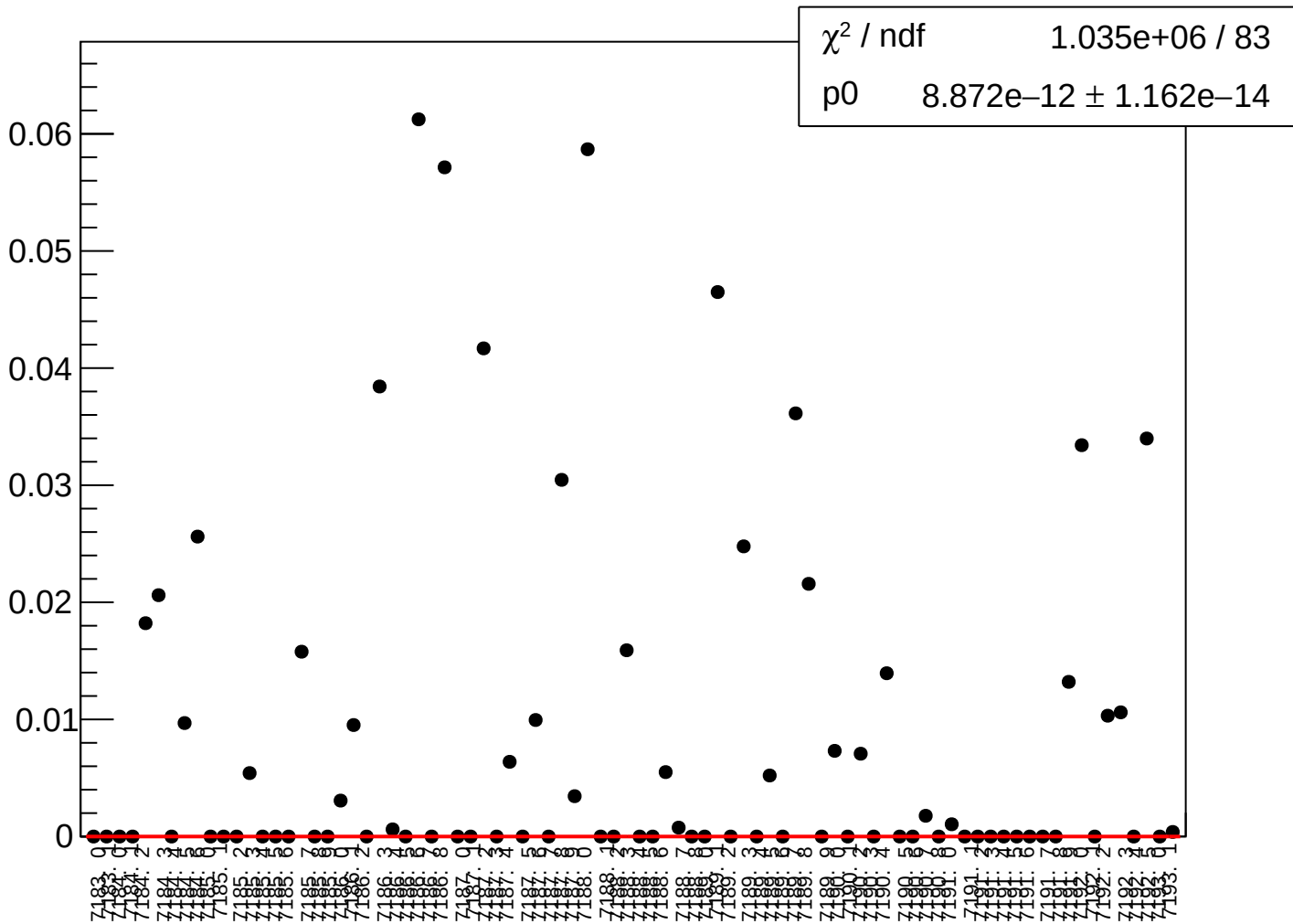
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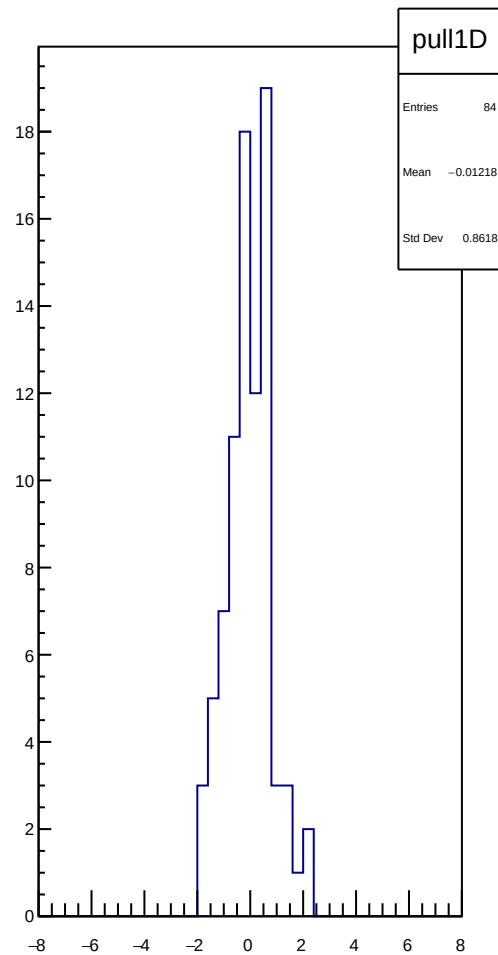
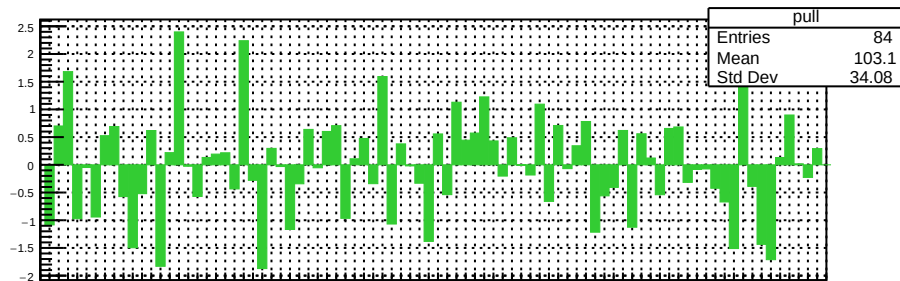
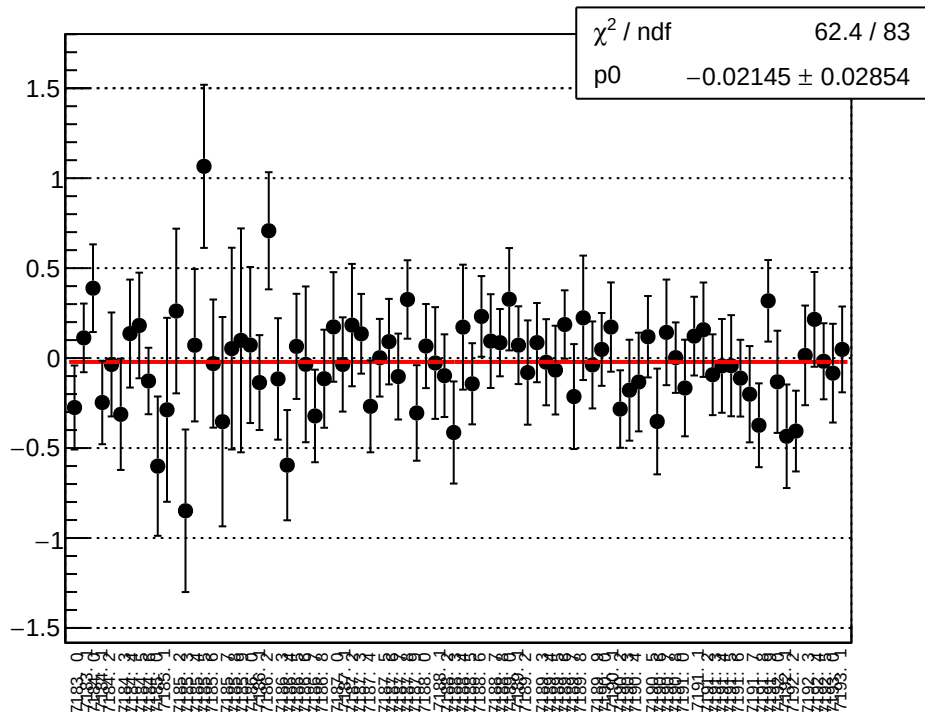
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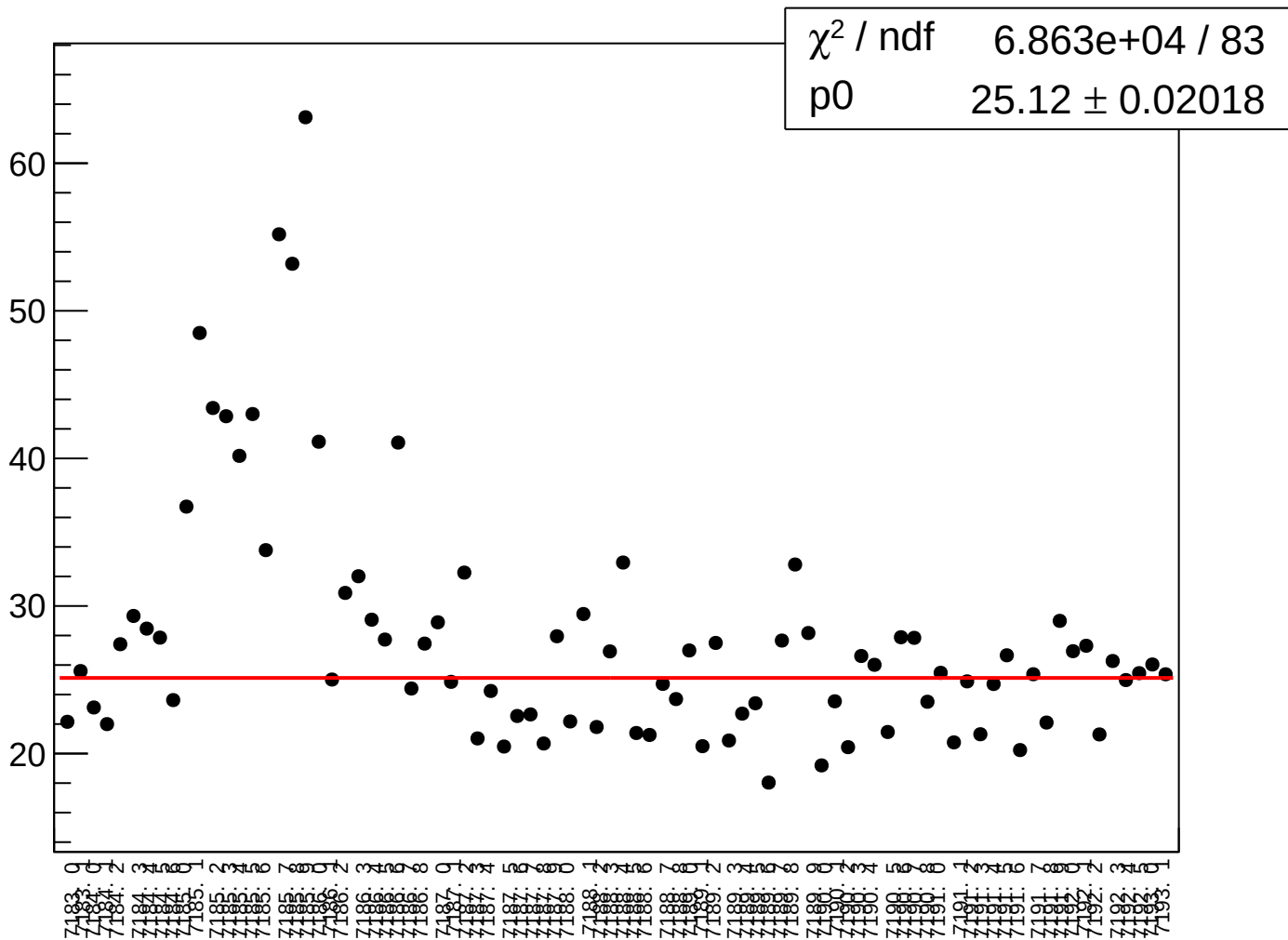
asym_sam_26_48_dd_reg_vs_cor_diff_rms vs run



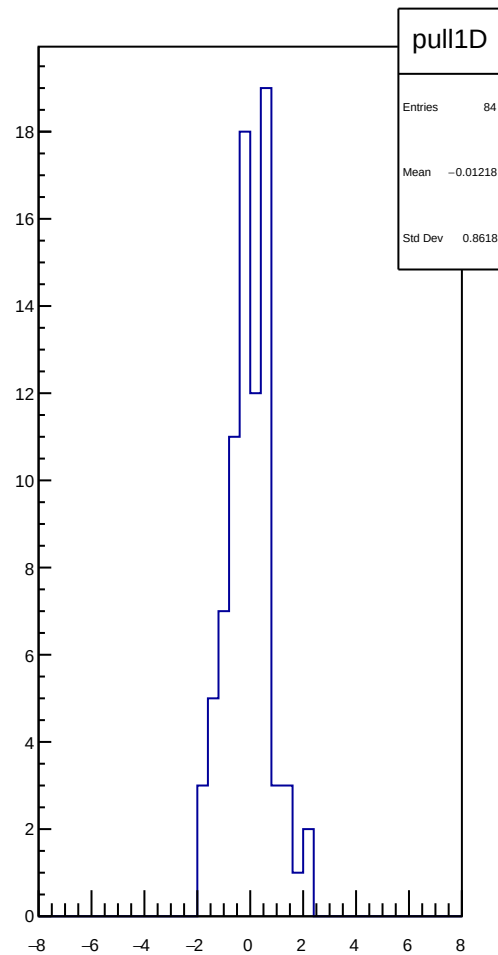
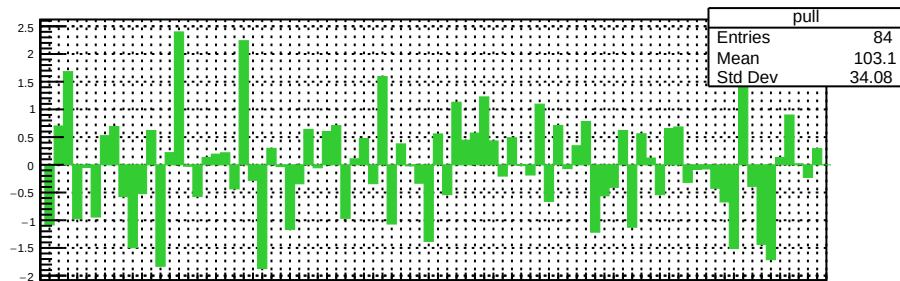
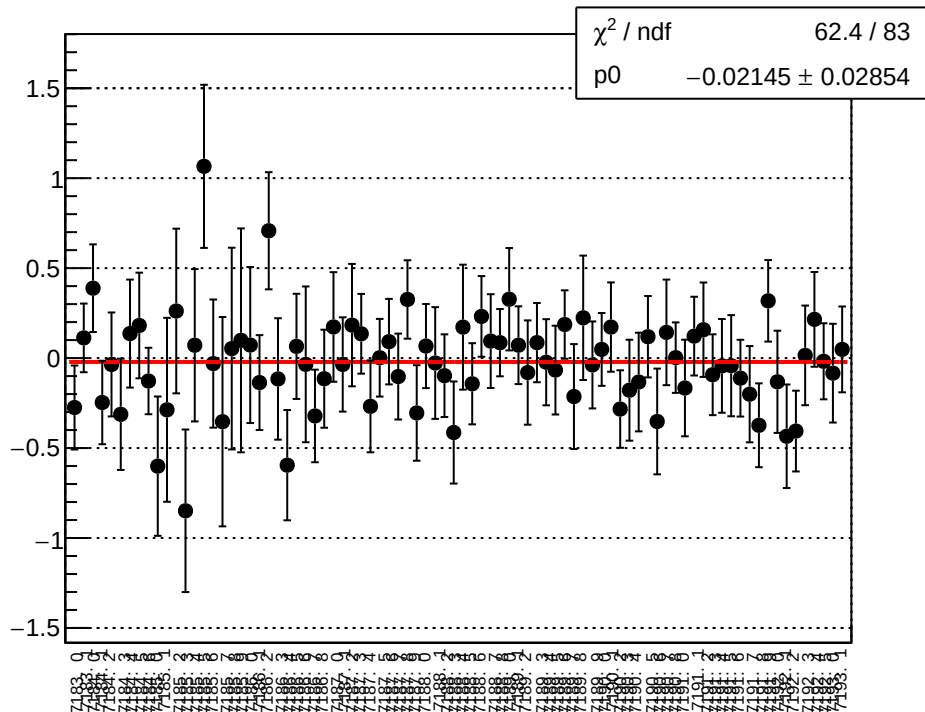
asym_sam_26_48_dd_dit_vs_cor_diff_mean vs run



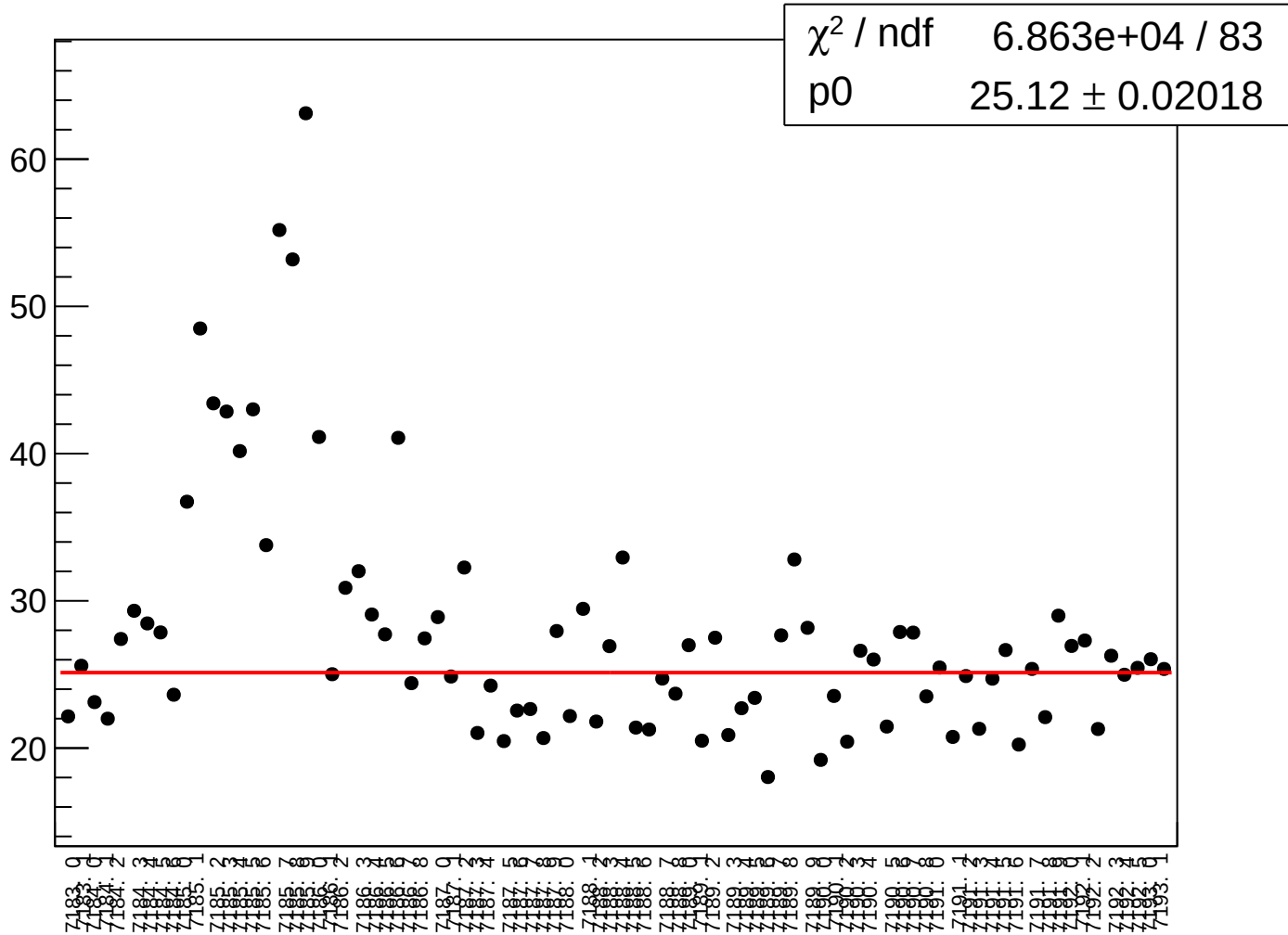
asym_sam_26_48_dd_dit_vs_cor_diff_rms vs run



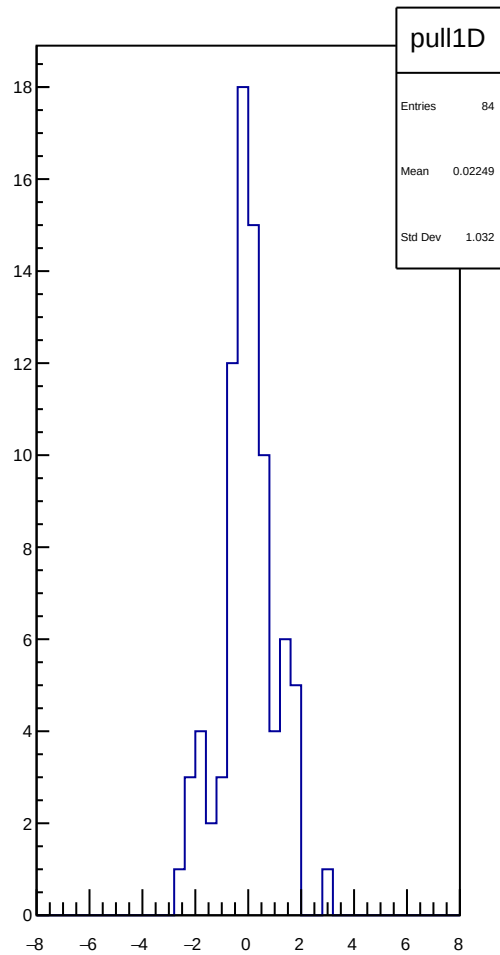
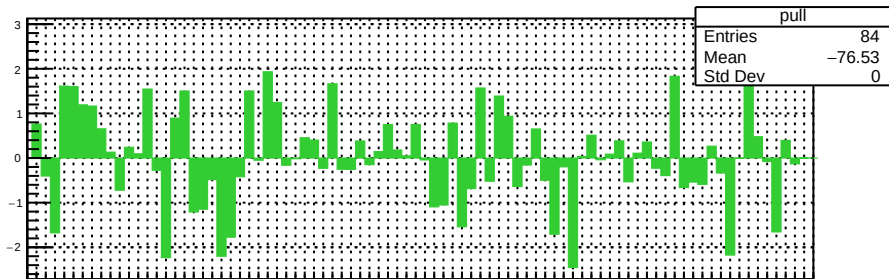
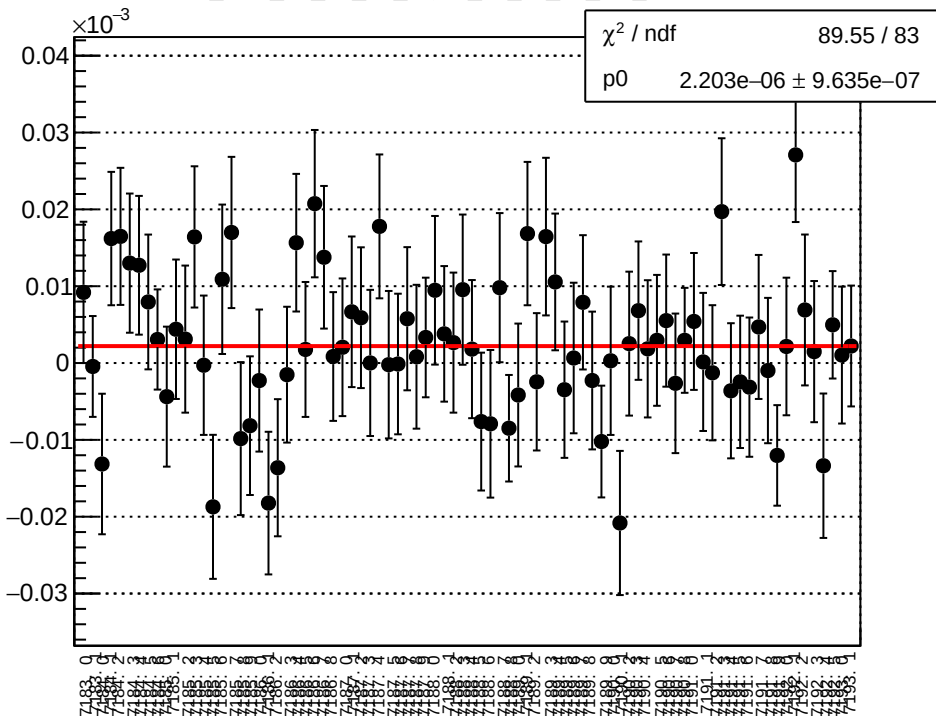
asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs run



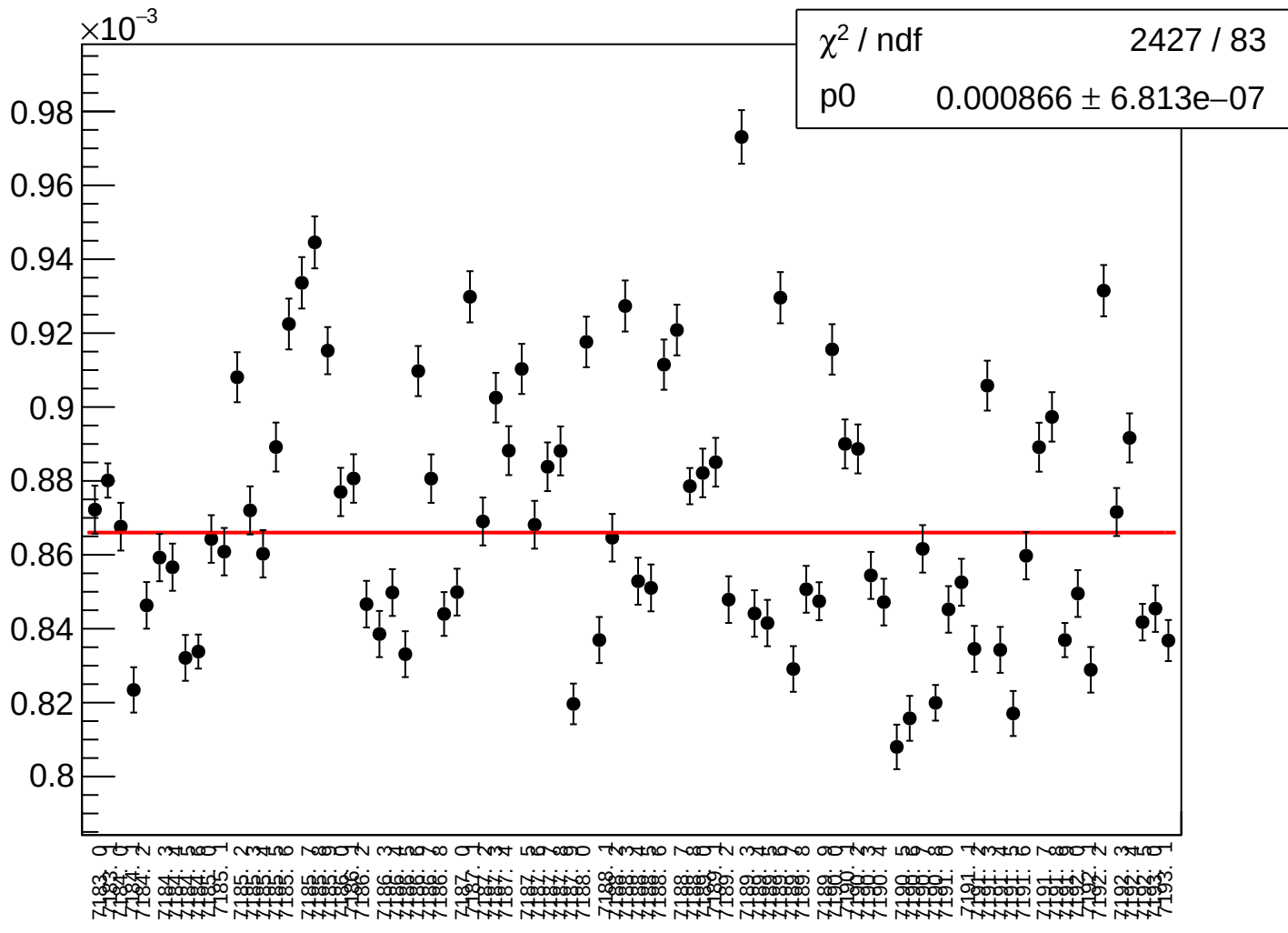
asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs run



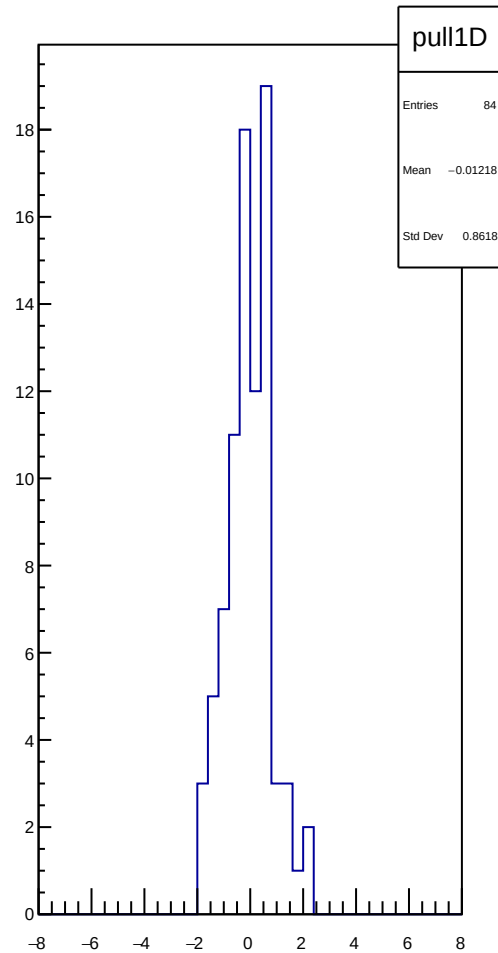
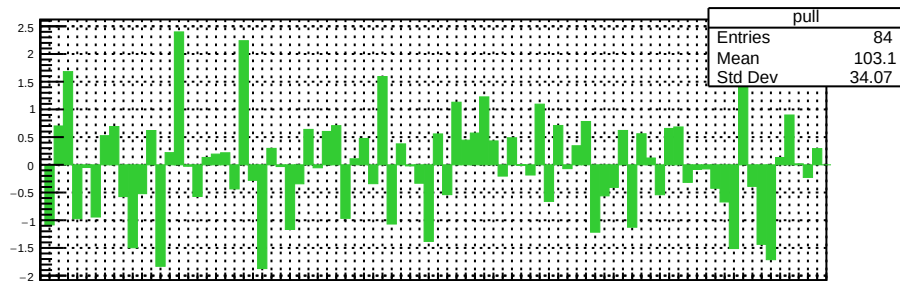
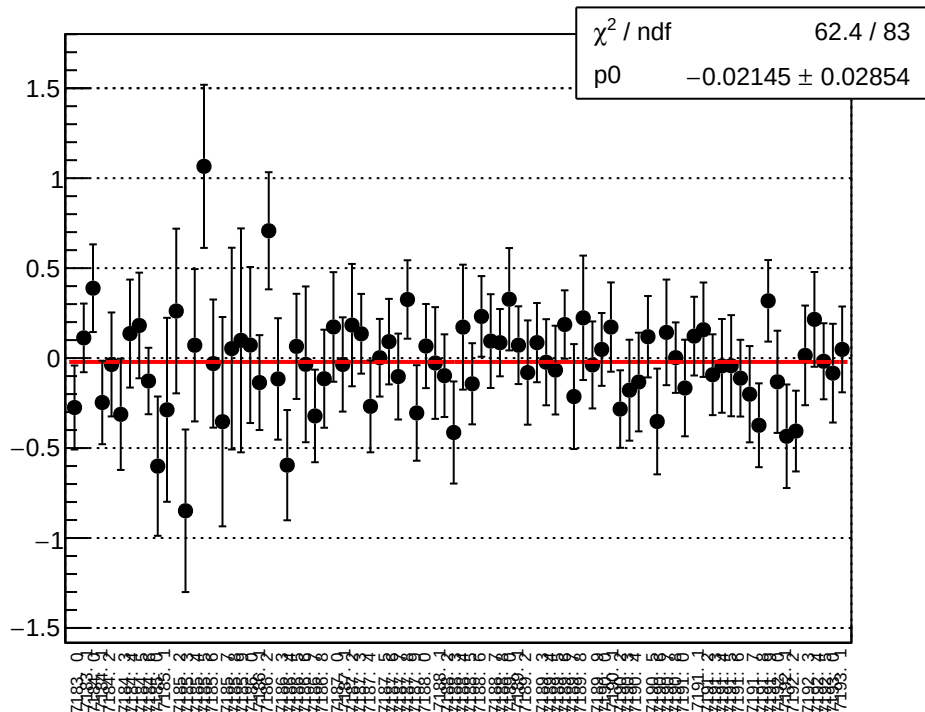
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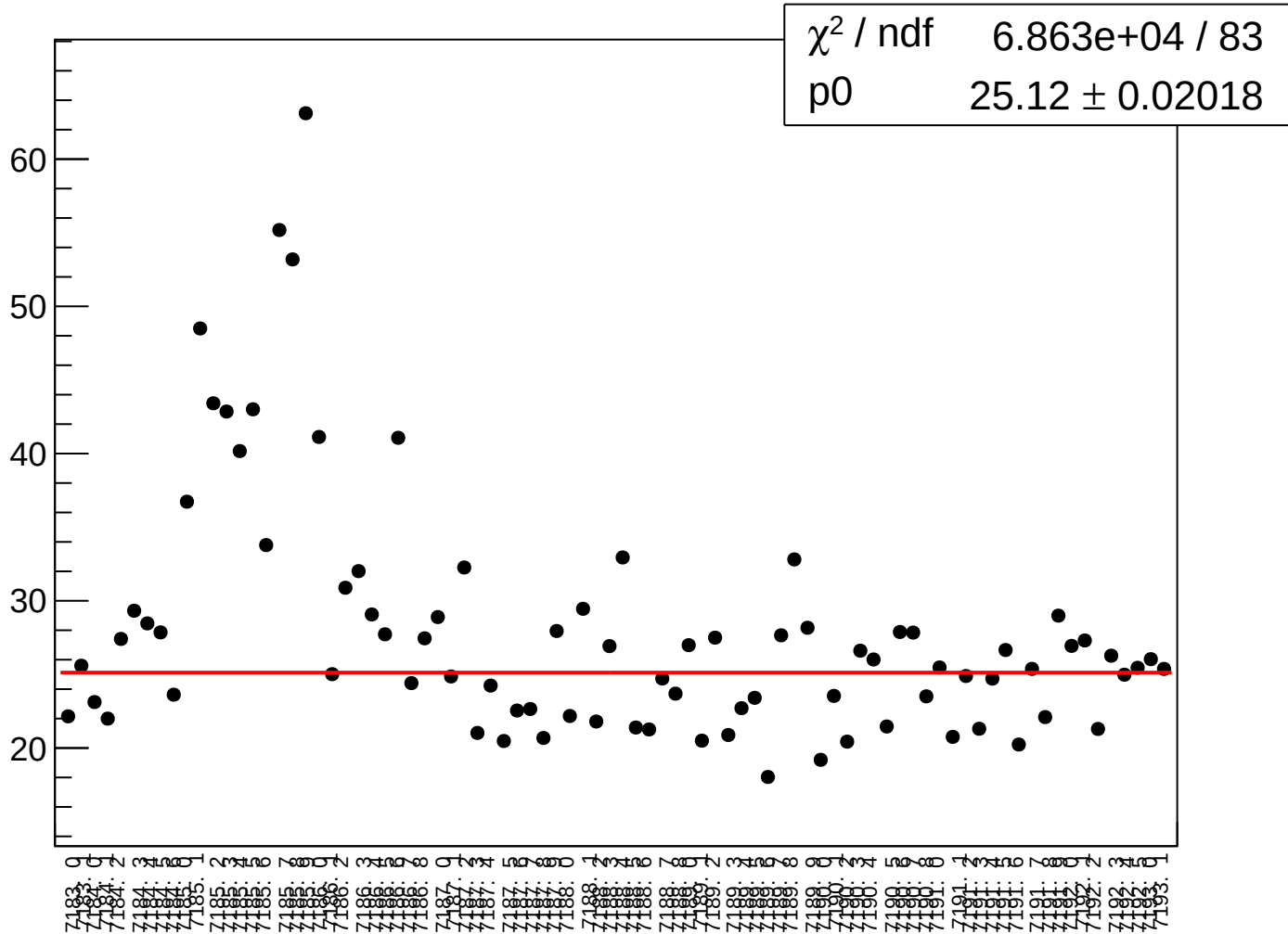
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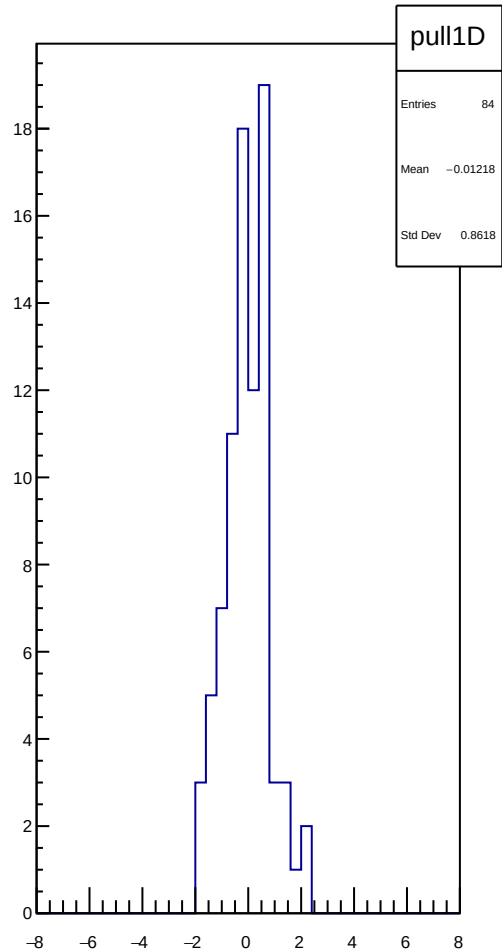
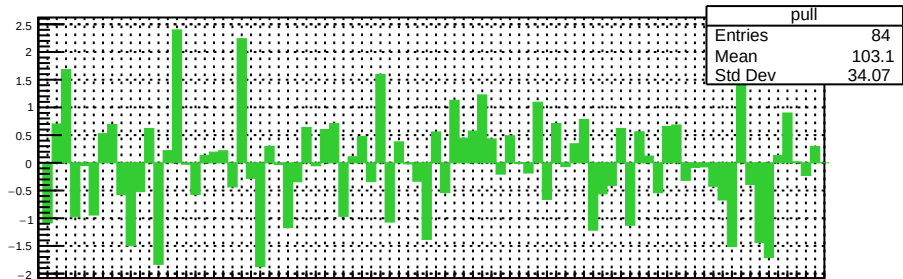
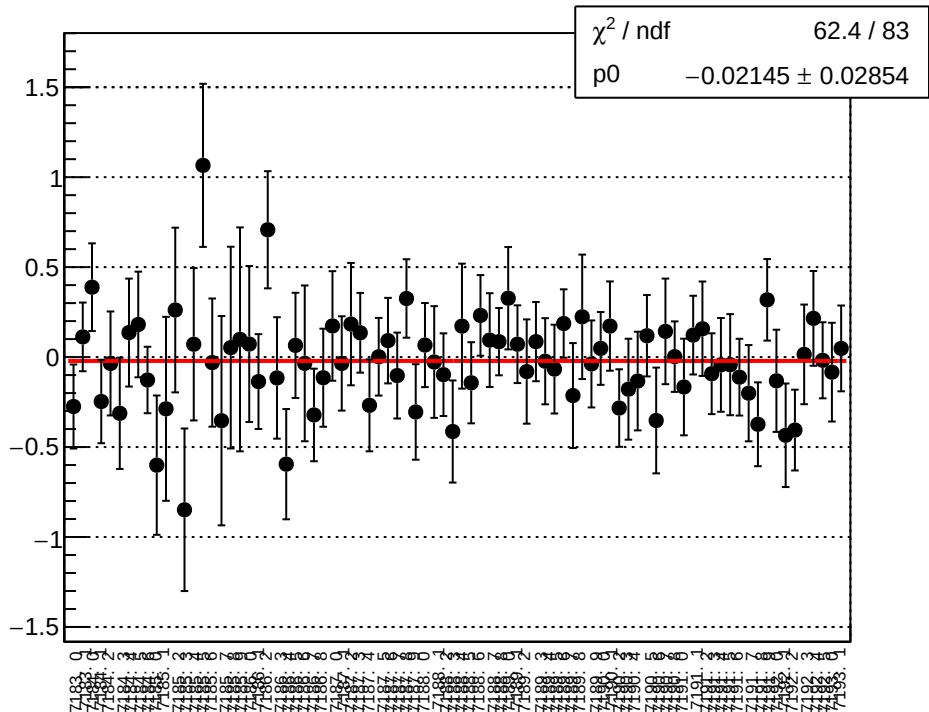
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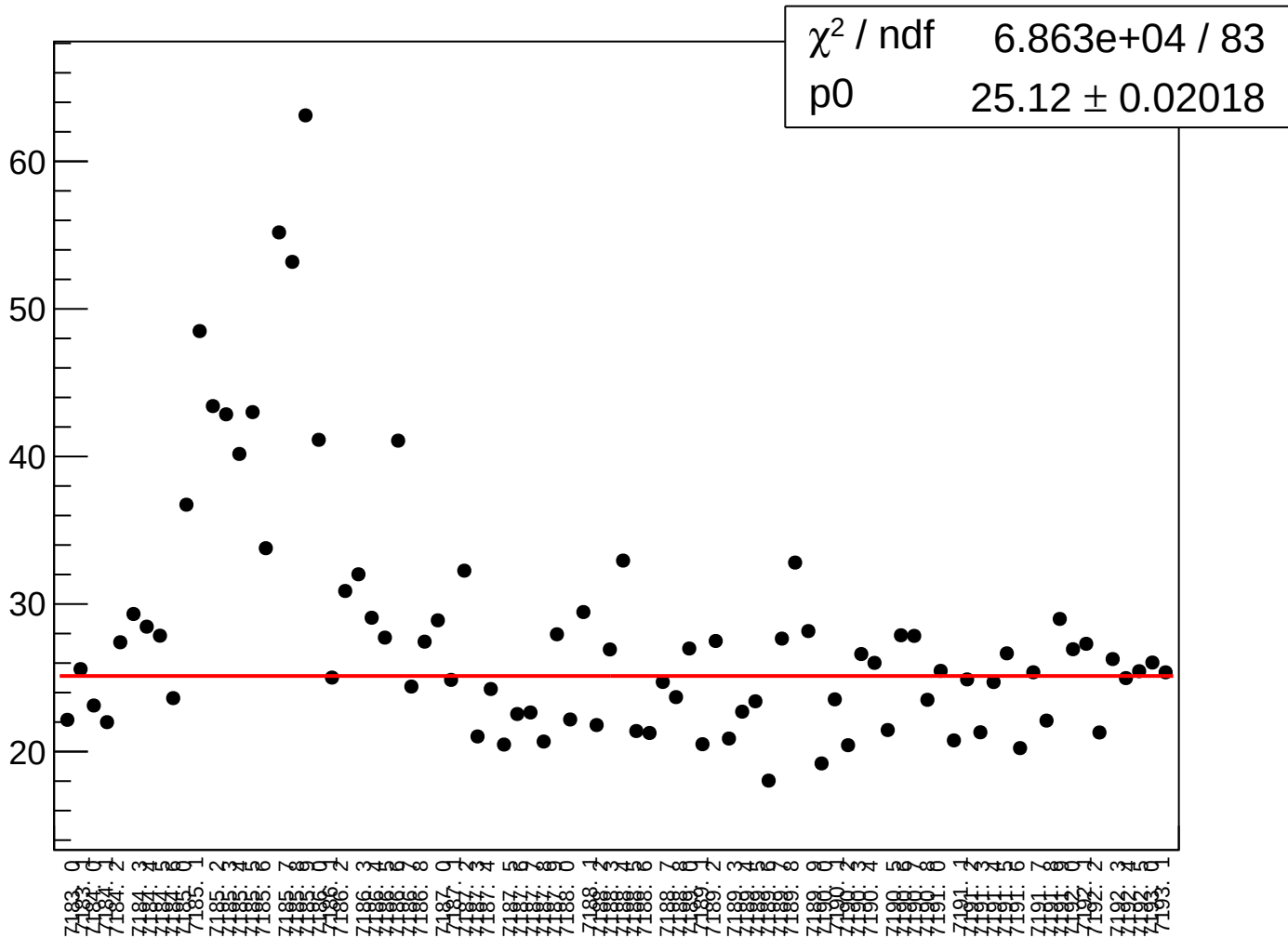
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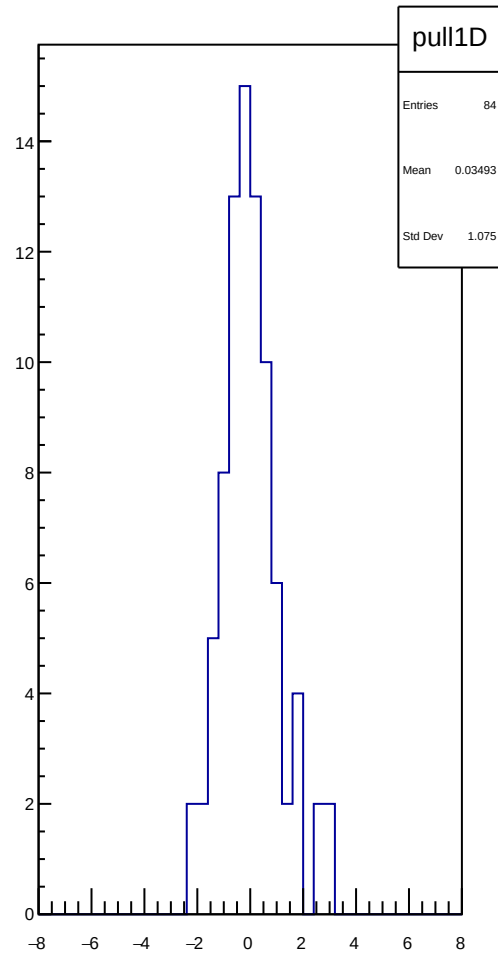
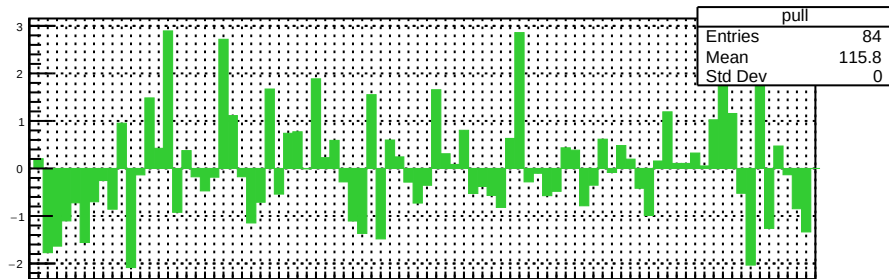
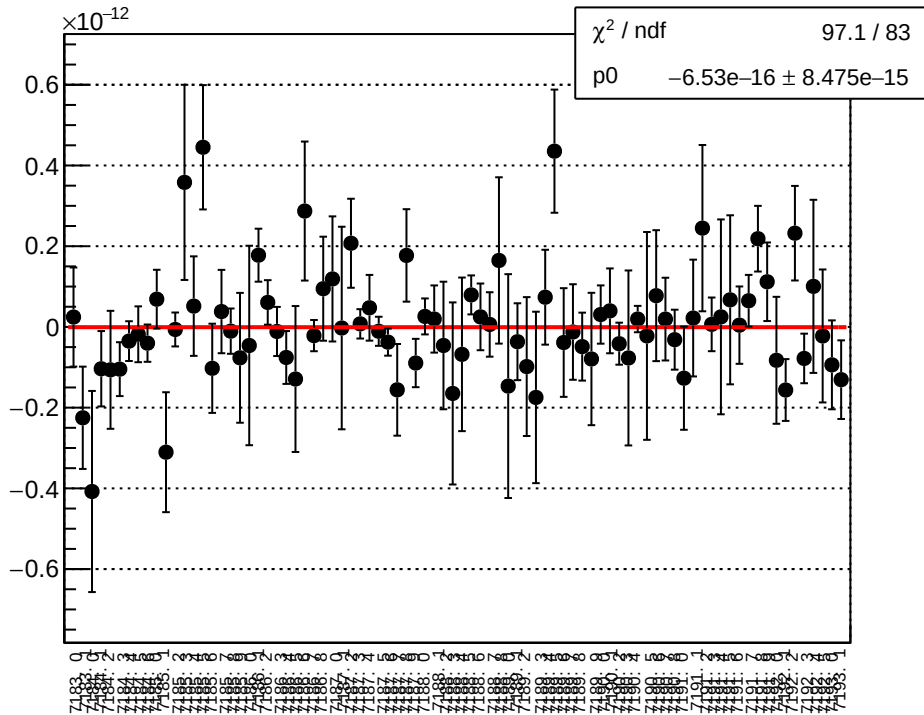
asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



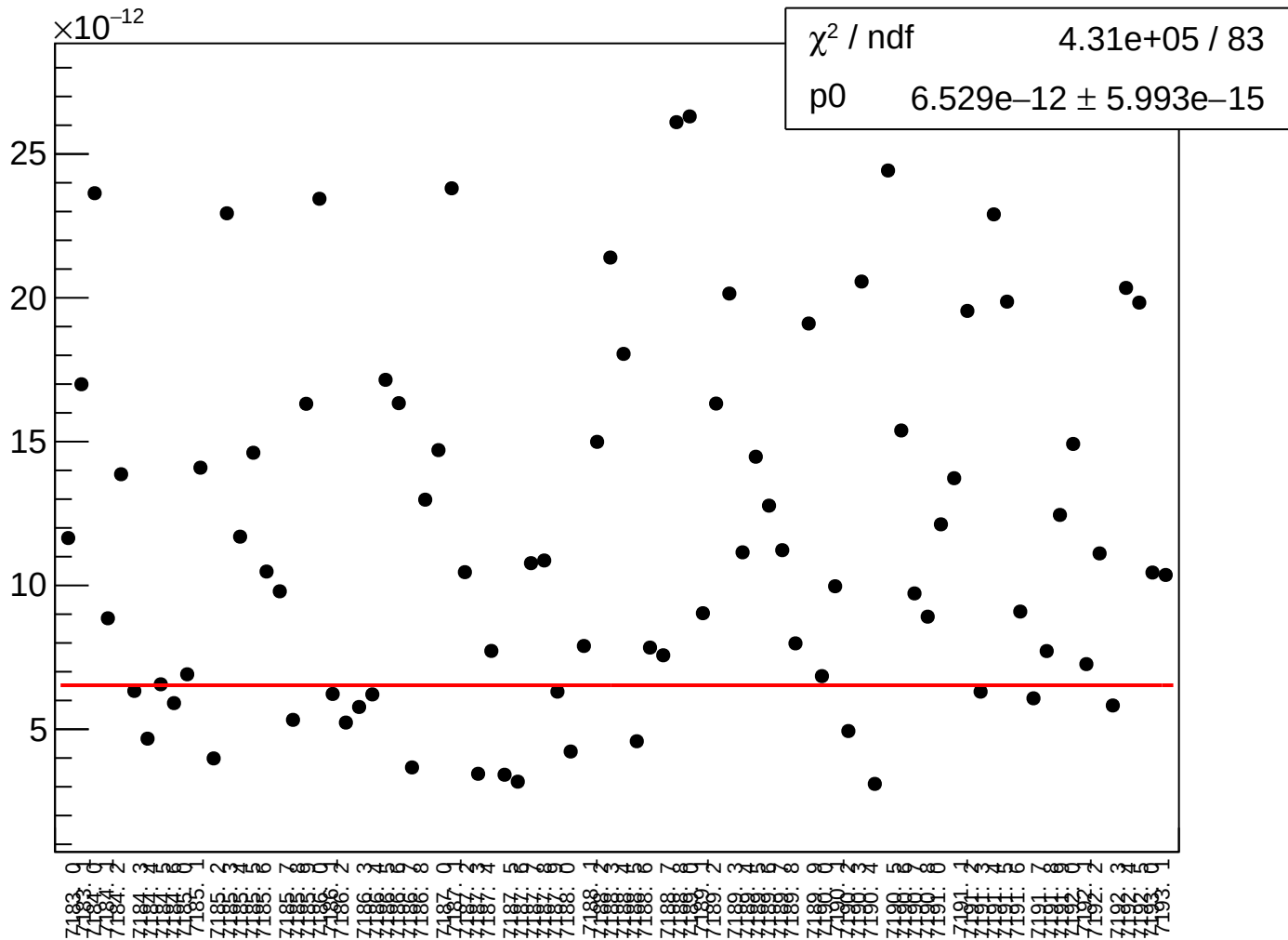
asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



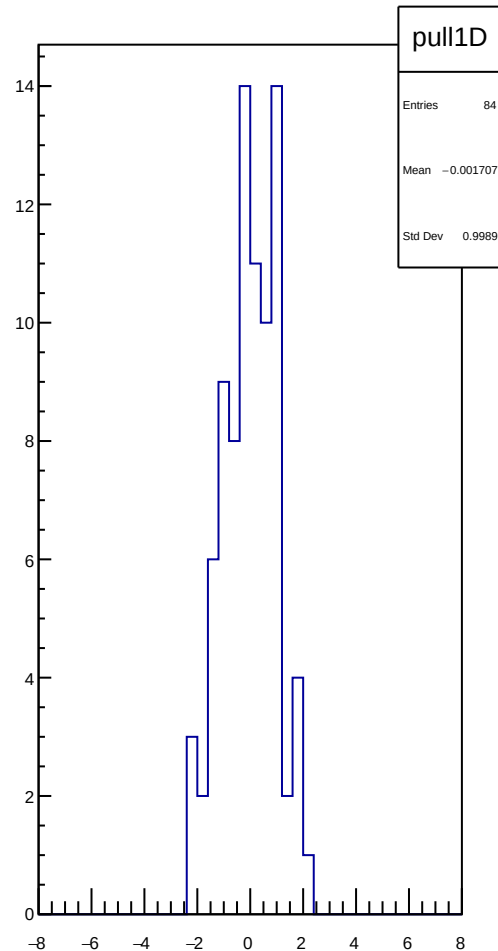
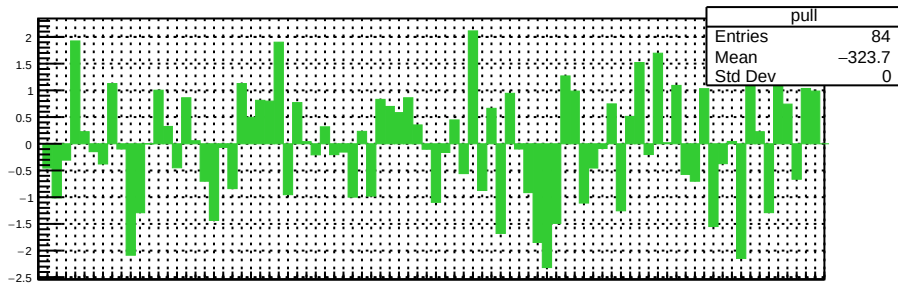
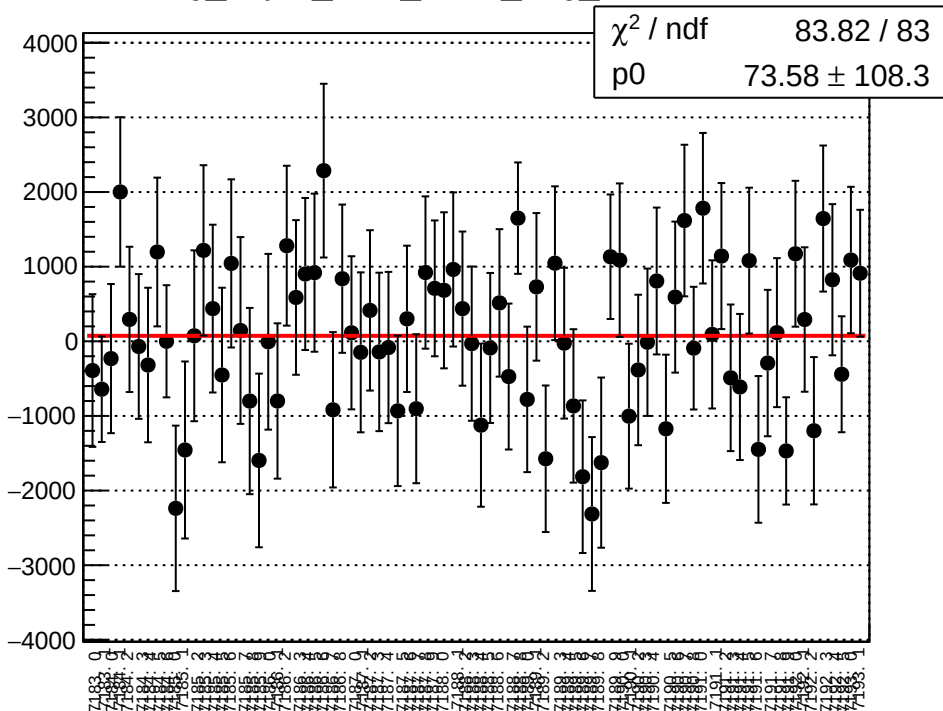
asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_1548_avg_mean vs run



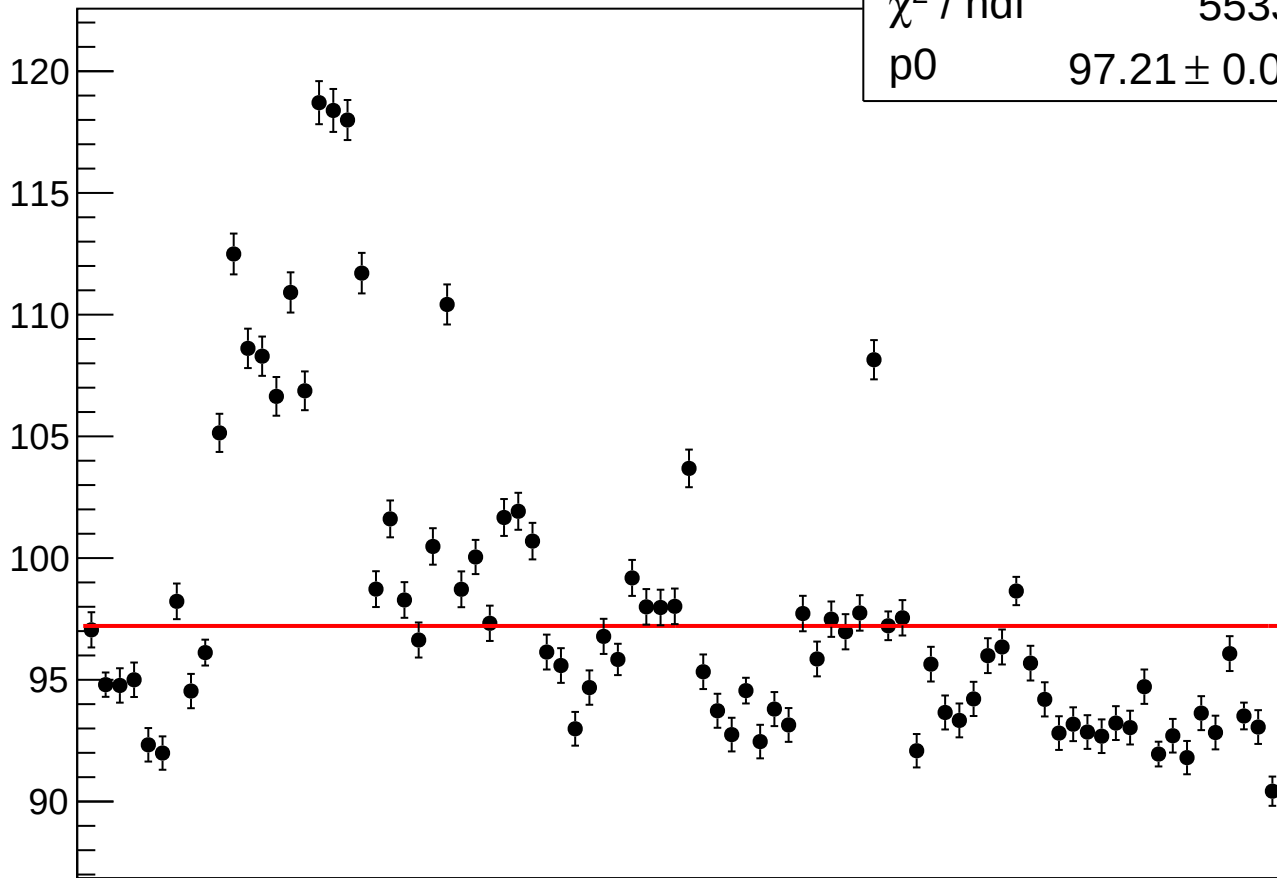
reg_asym_sam_1548_avg_rms vs run

χ^2 / ndf

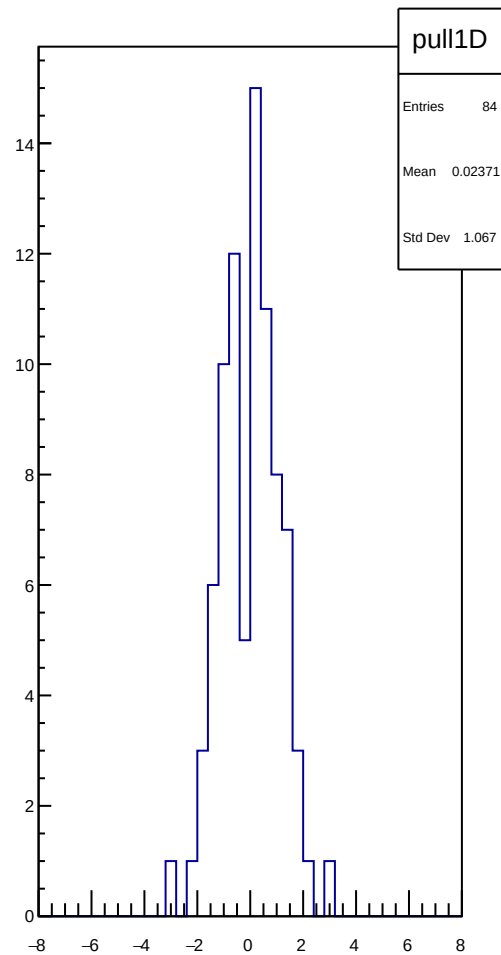
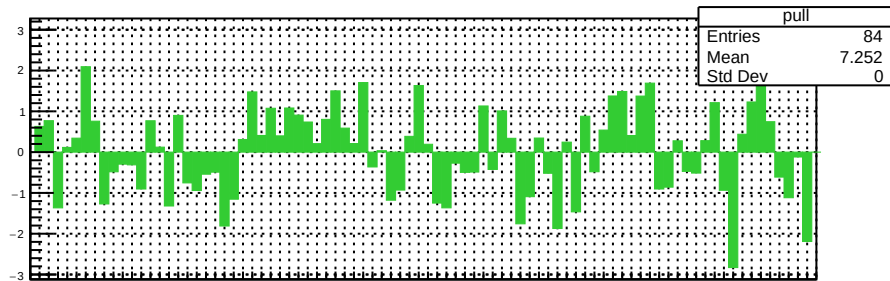
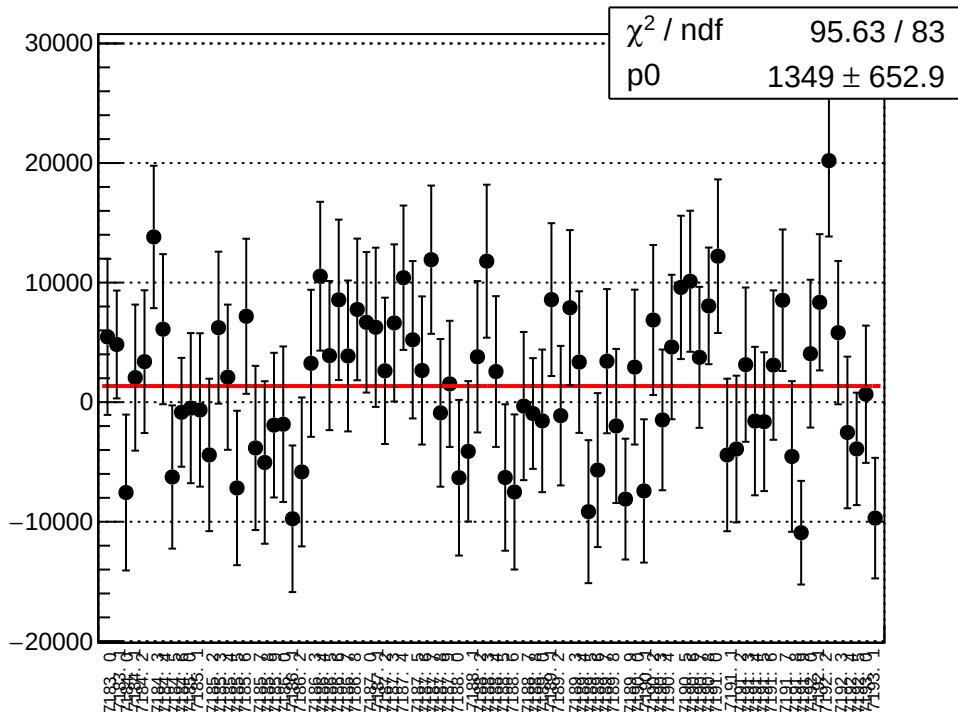
5533 / 83

p0

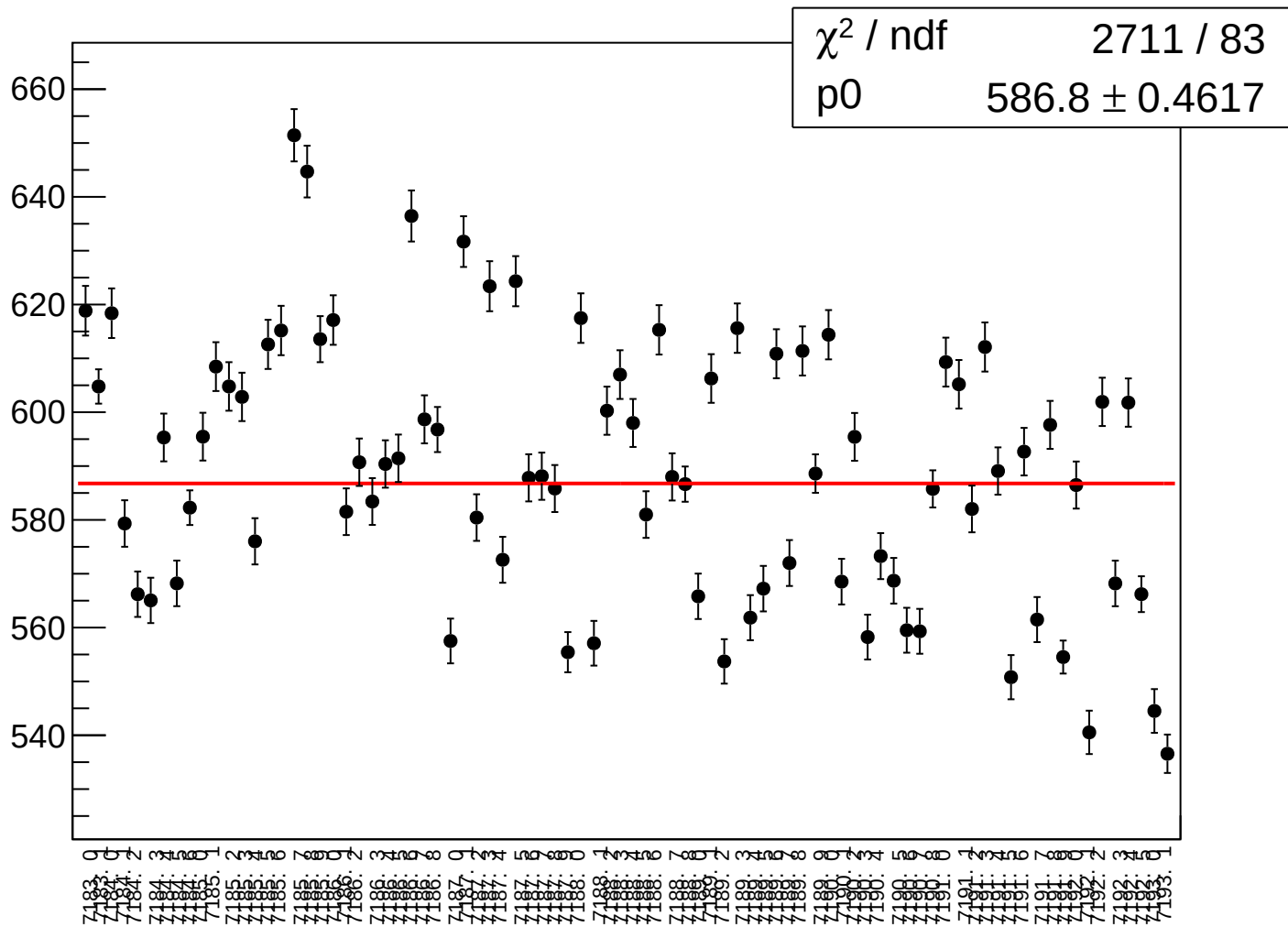
97.21 ± 0.07655



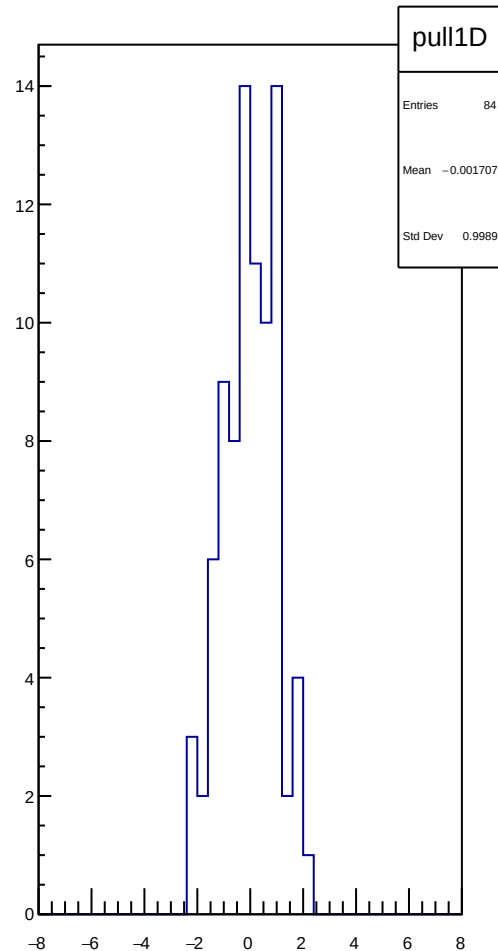
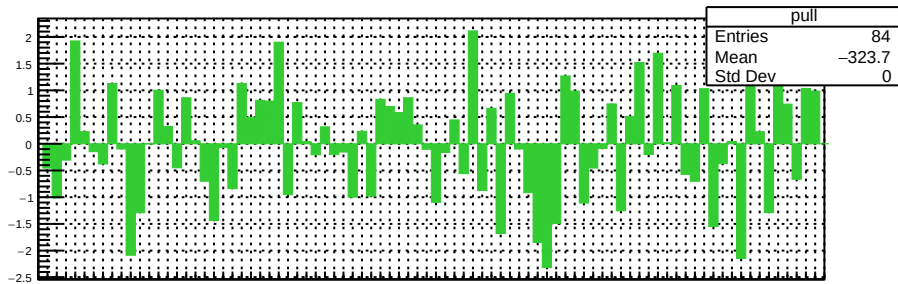
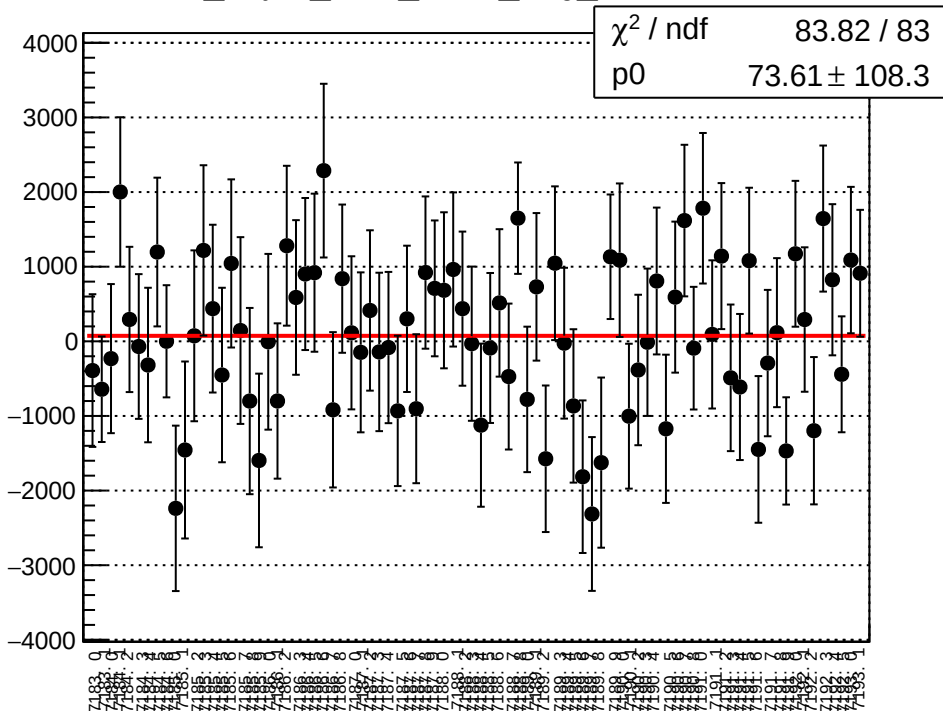
asym_sam_1548_avg_reg_correction_mean vs run



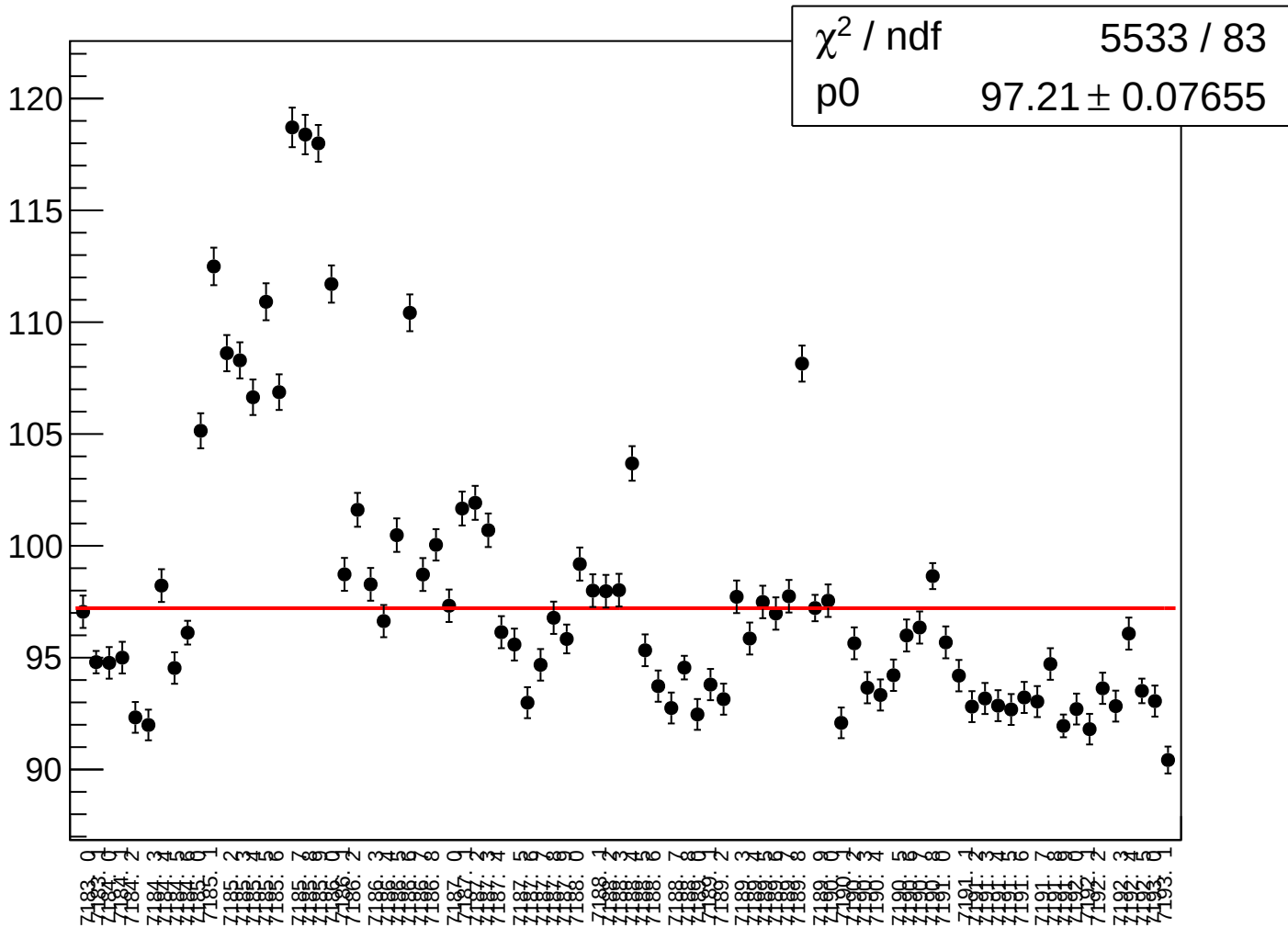
asym_sam_1548_avg_reg_correction_rms vs run



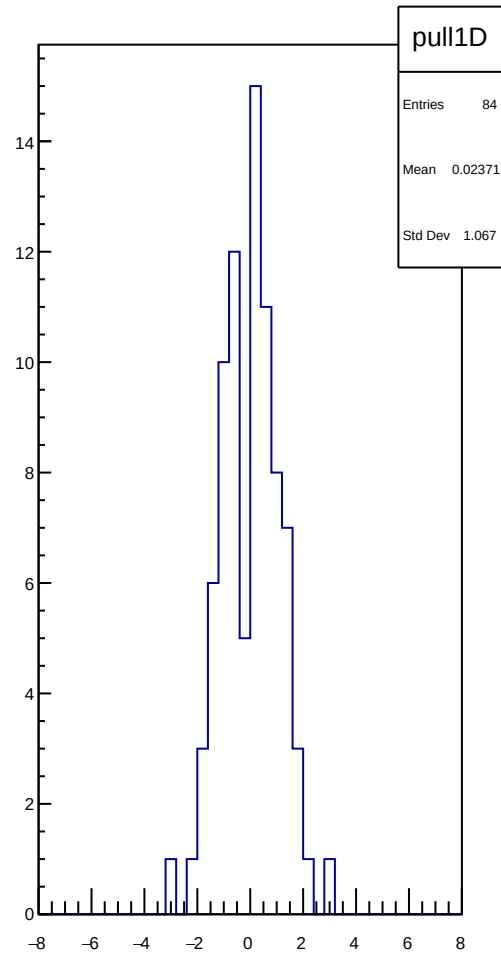
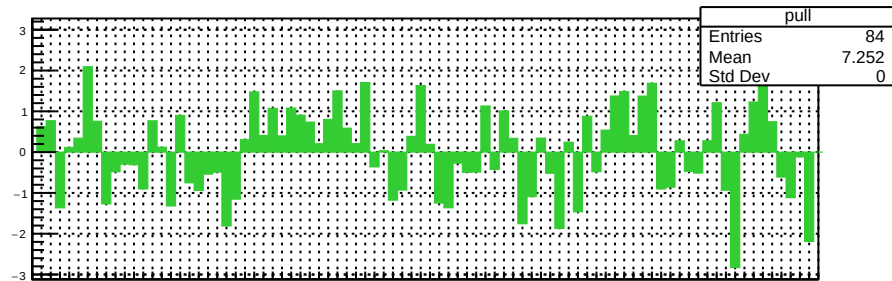
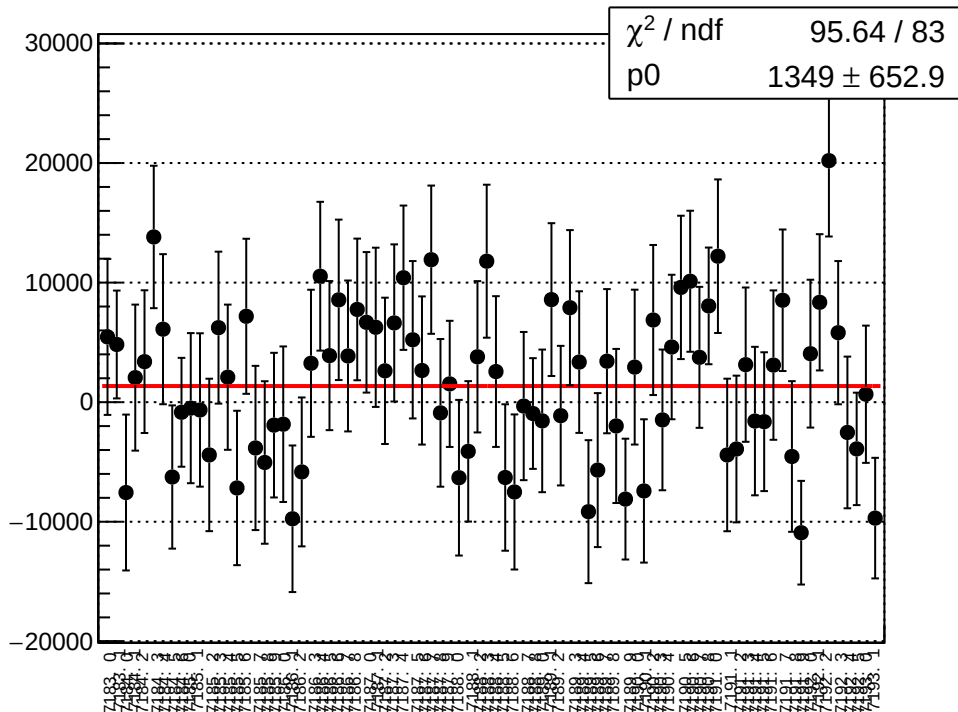
cor_asym_sam_1548_avg_mean vs run



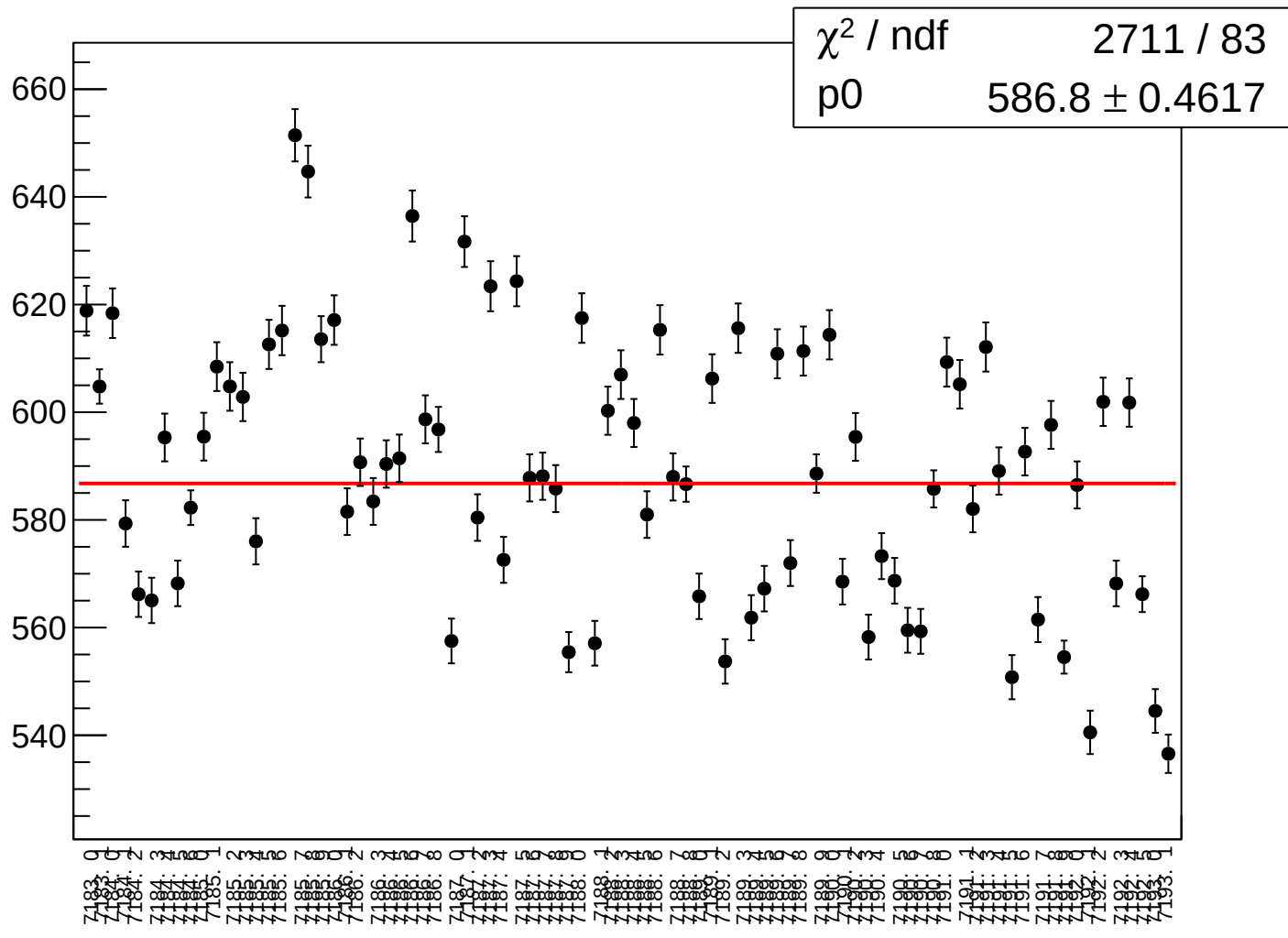
cor_asym_sam_1548_avg_rms vs run



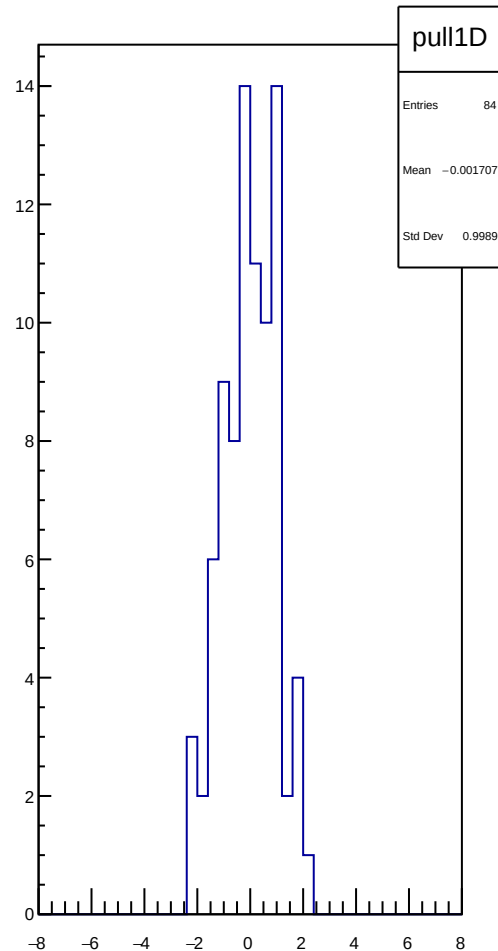
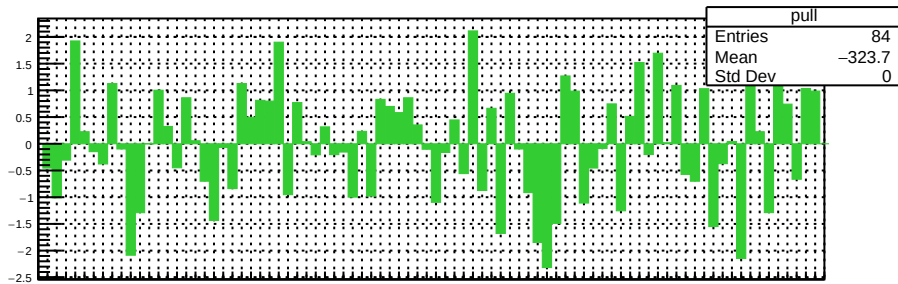
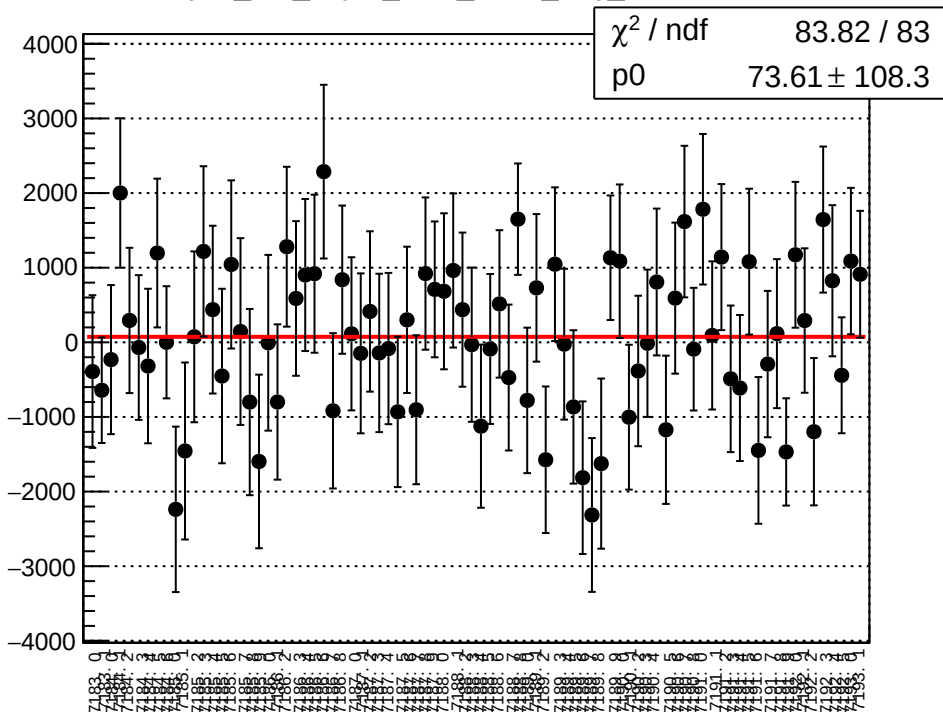
asym_sam_1548_avg_cor_correction_mean vs run



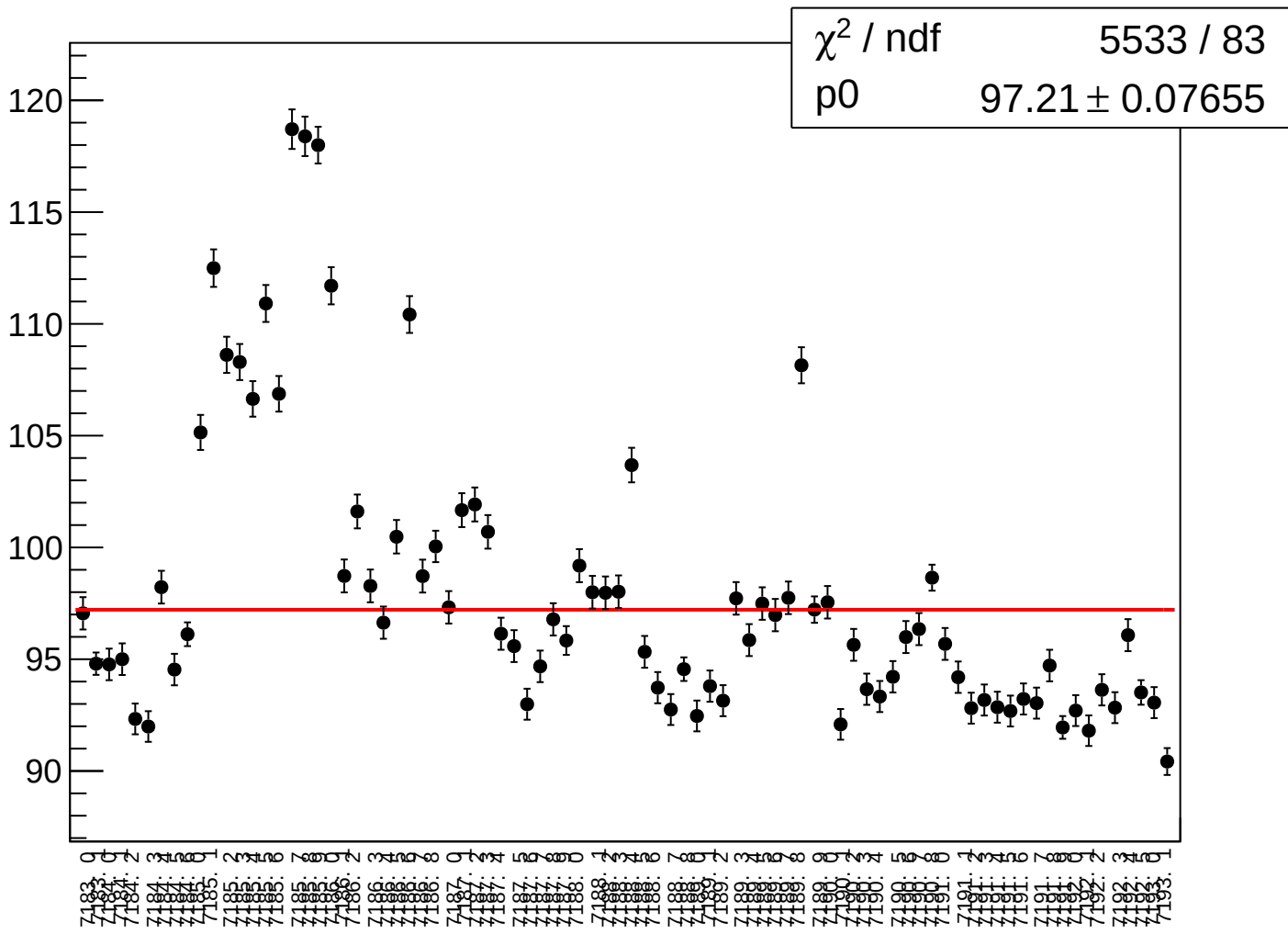
asym_sam_1548_avg_cor_correction_rms vs run



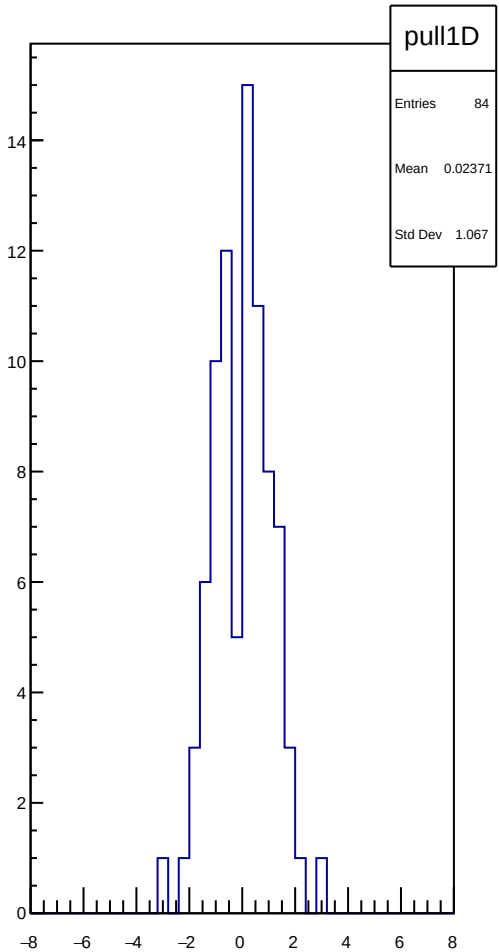
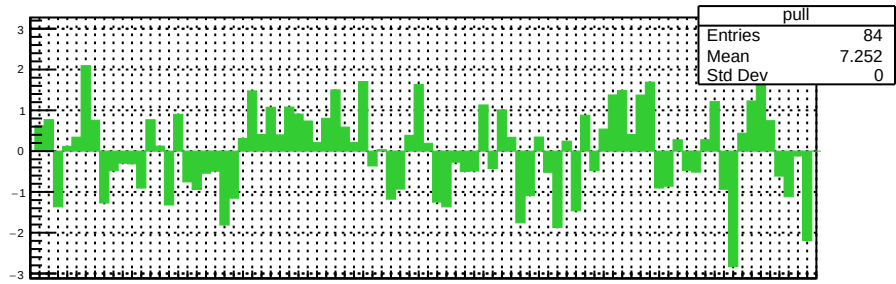
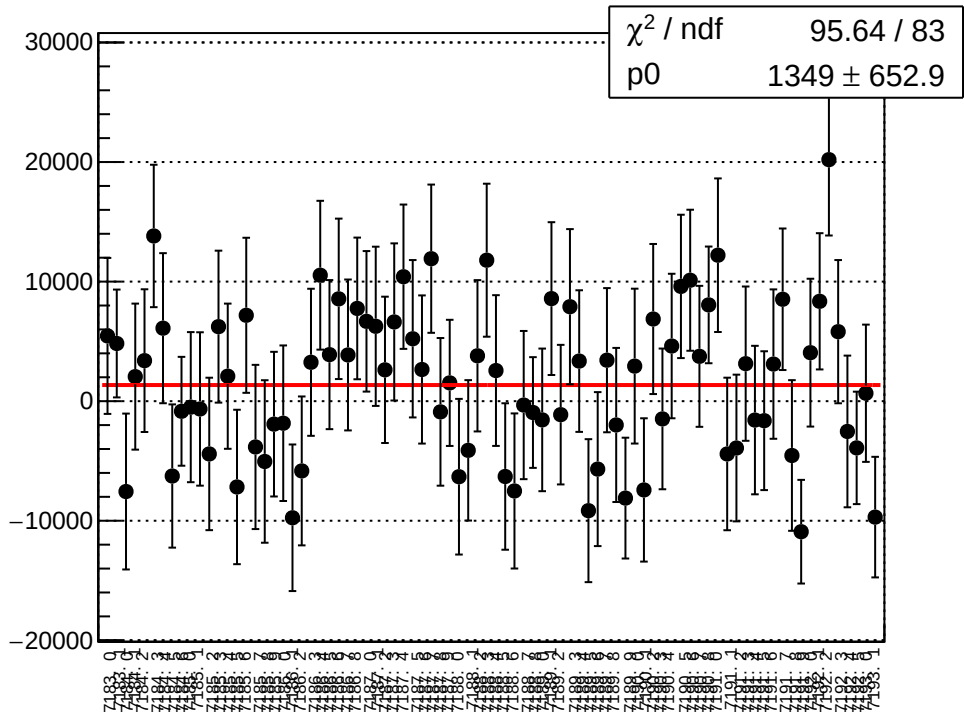
eigen_cor_asym_sam_1548_avg_mean vs run



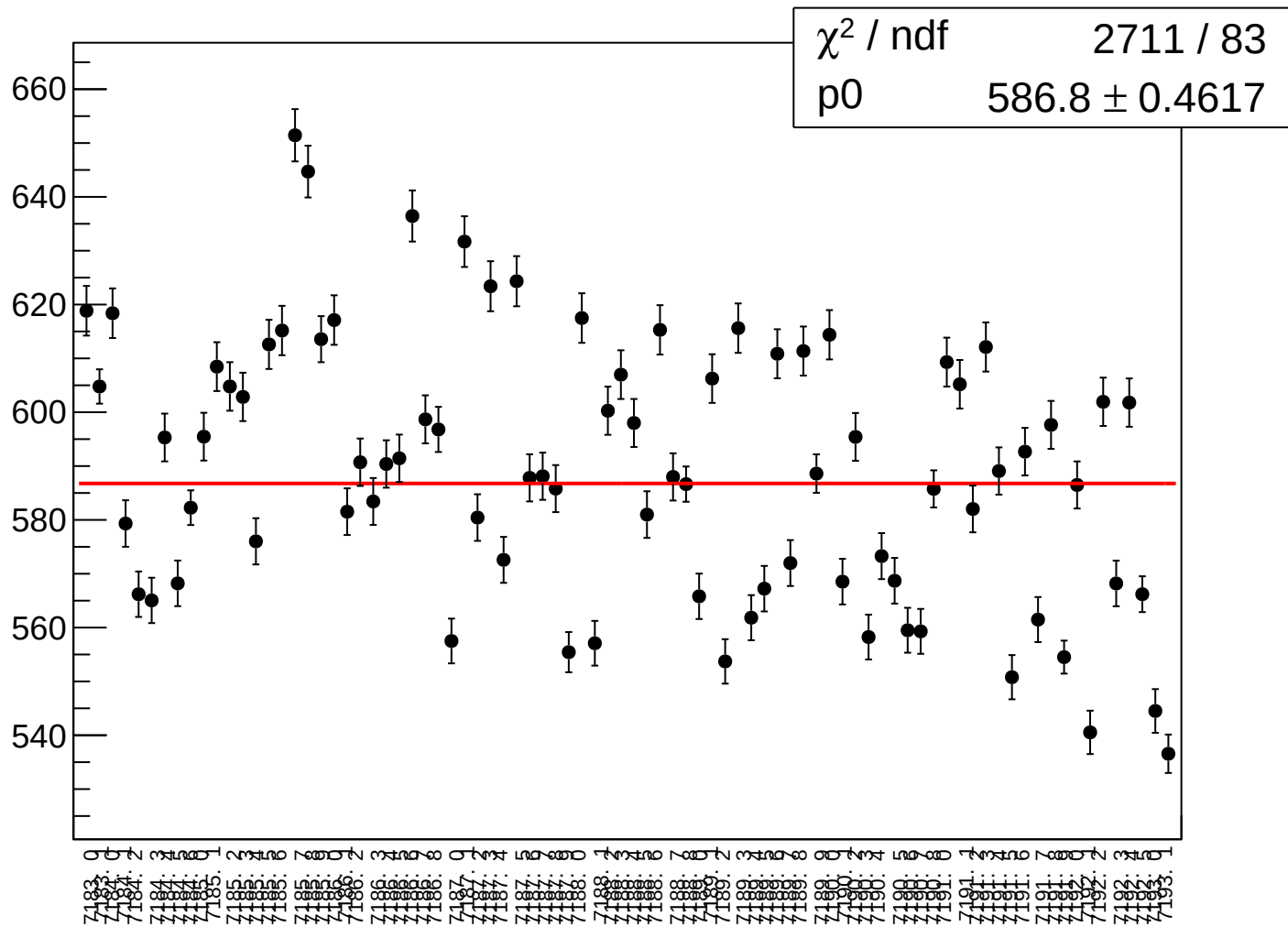
eigen_cor_asym_sam_1548_avg_rms vs run



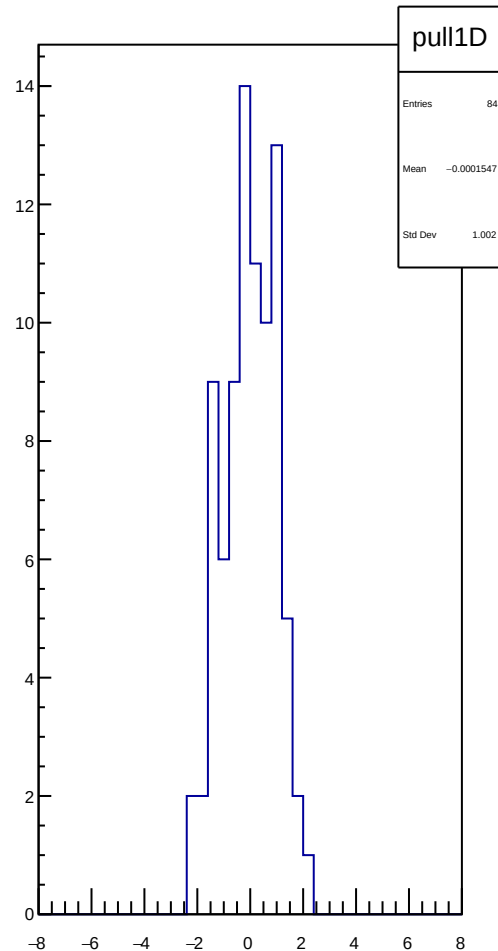
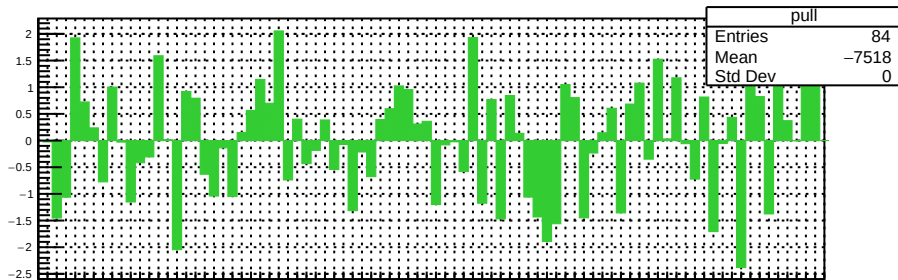
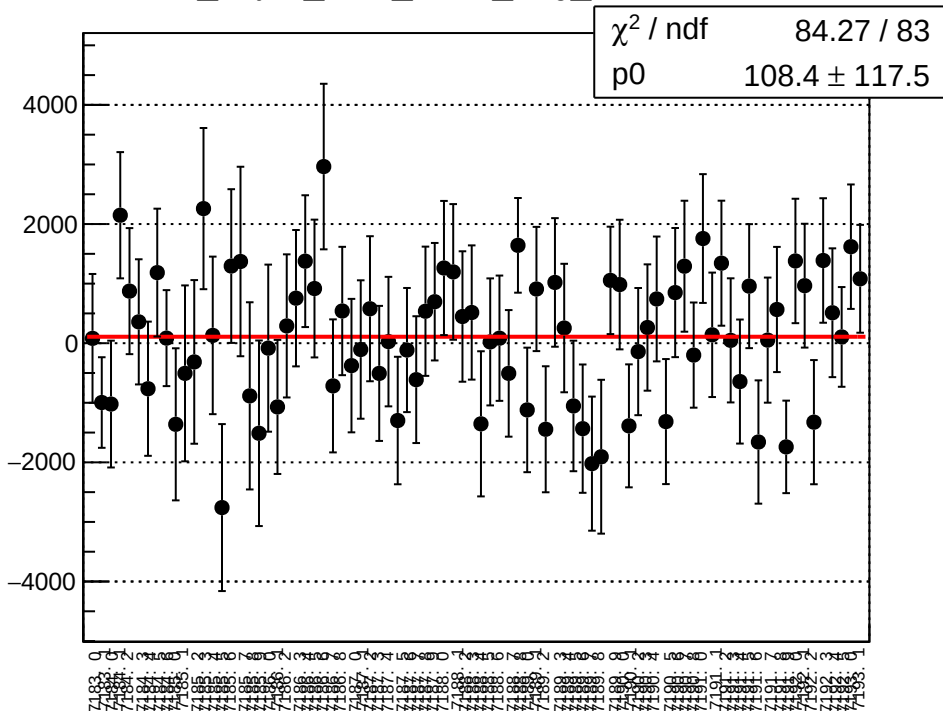
asym_sam_1548_avg_eigen_cor_correction_mean vs run



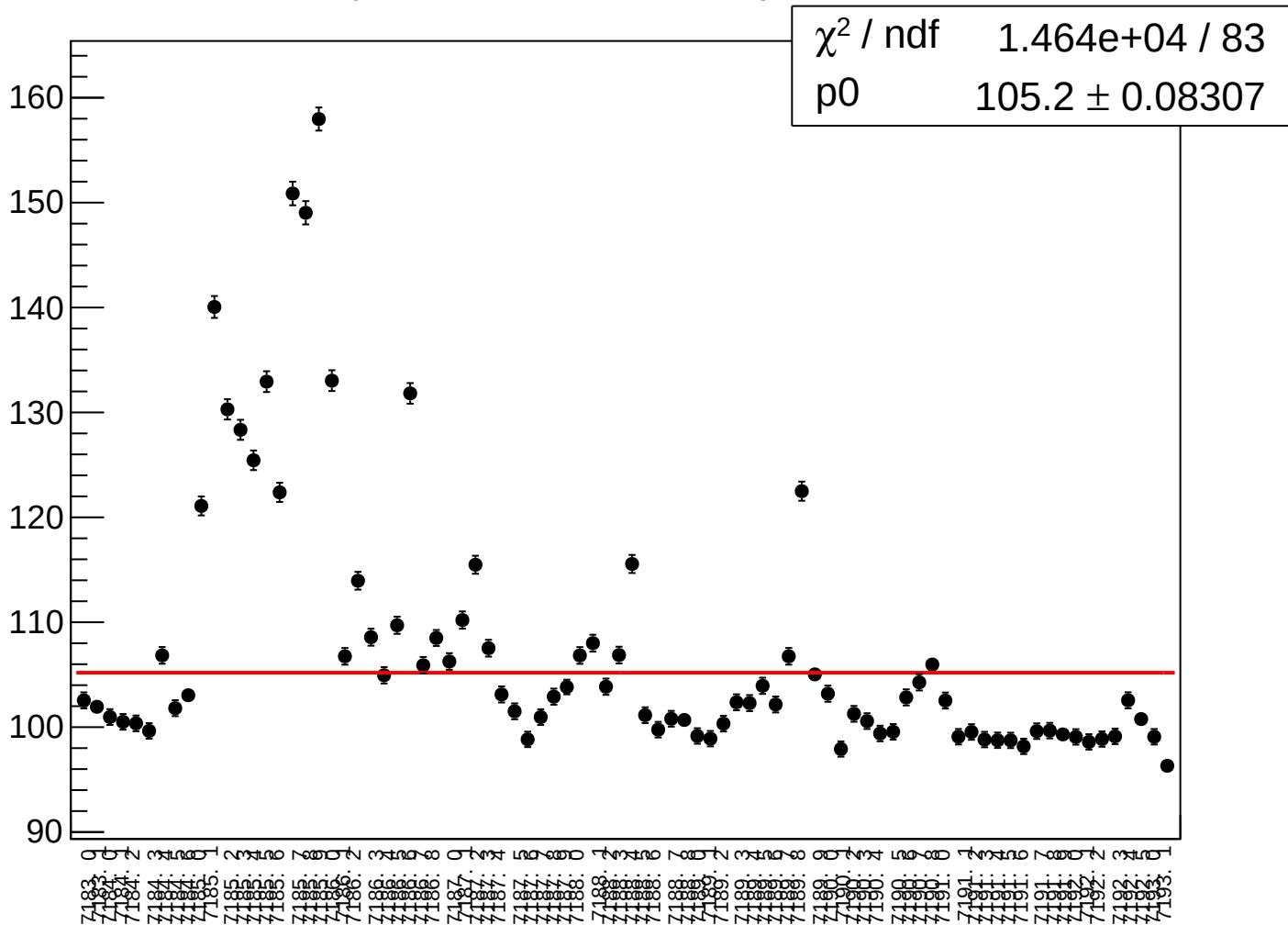
asym_sam_1548_avg_eigen_cor_correction_rms vs run



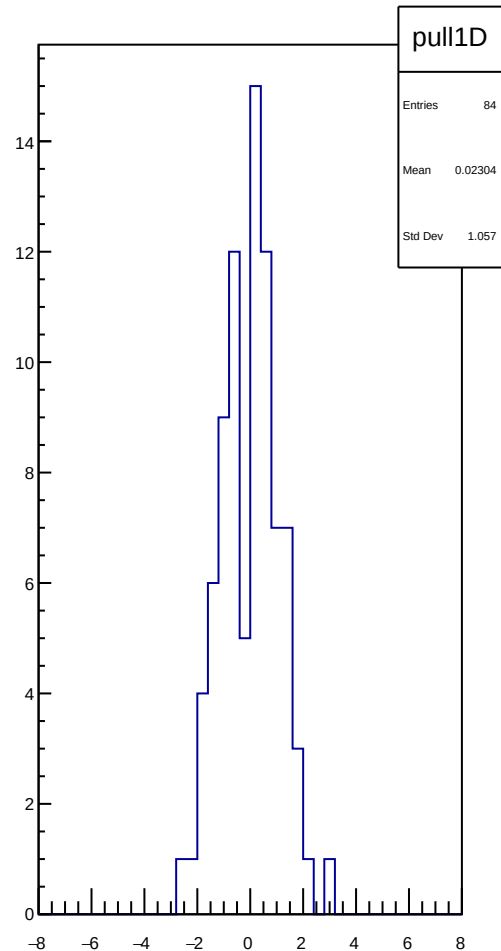
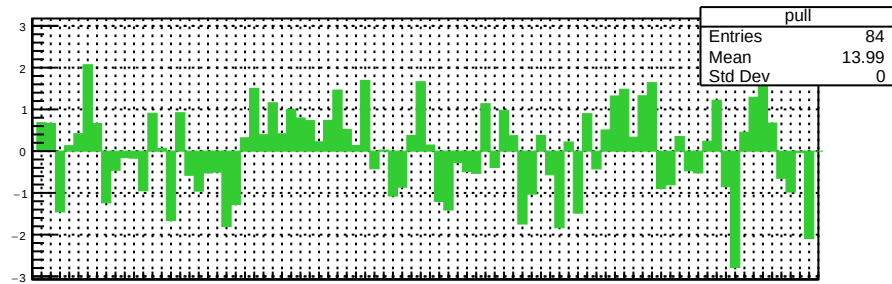
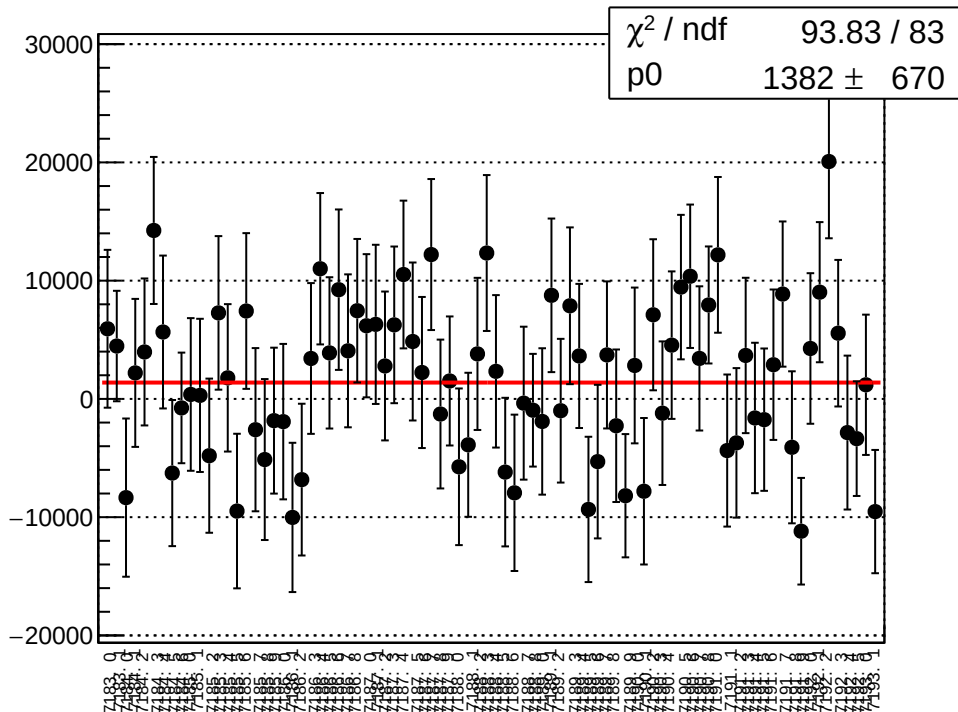
dit_asym_sam_1548_avg_mean vs run



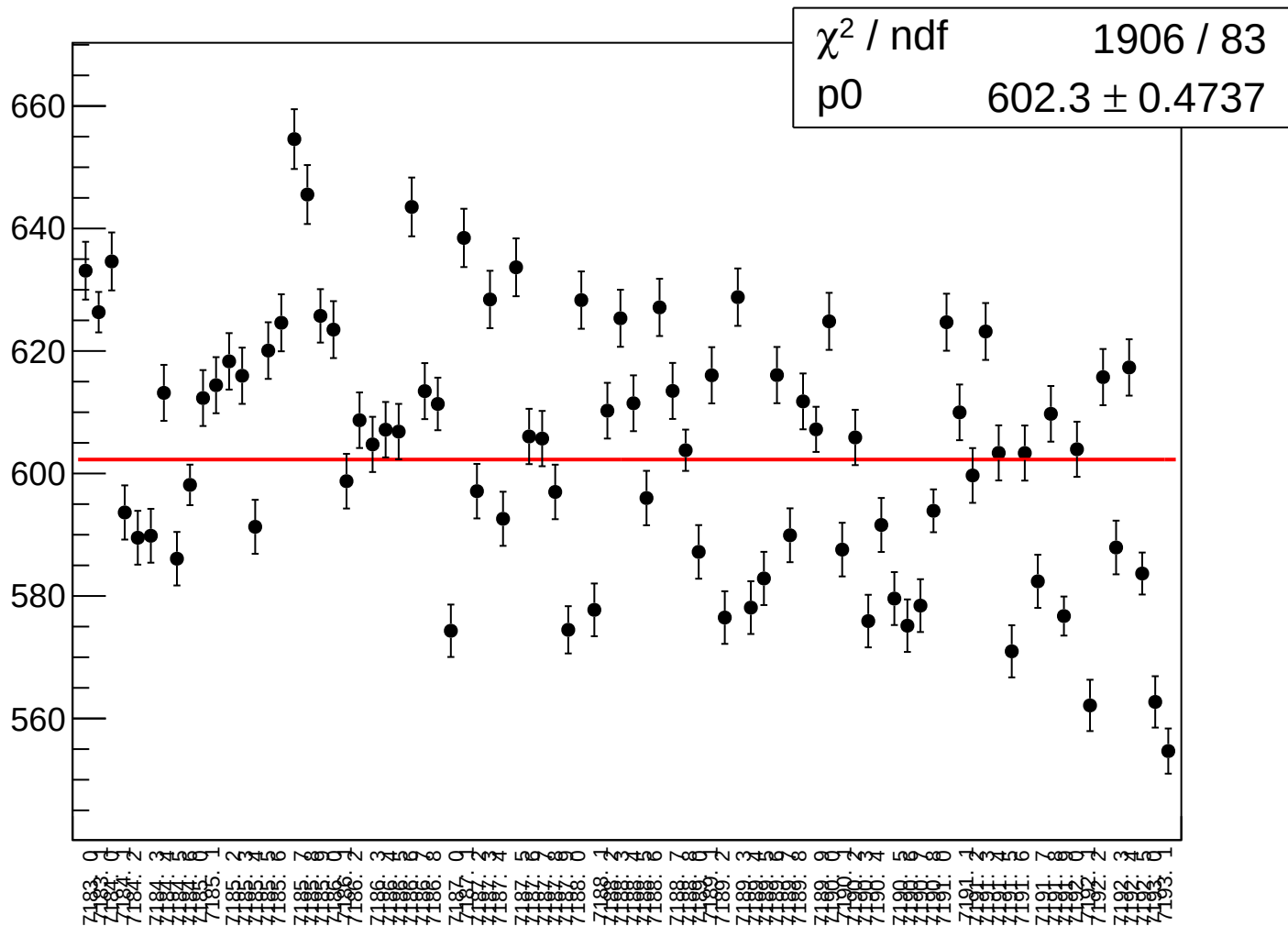
dit_asym_sam_1548_avg_rms vs run



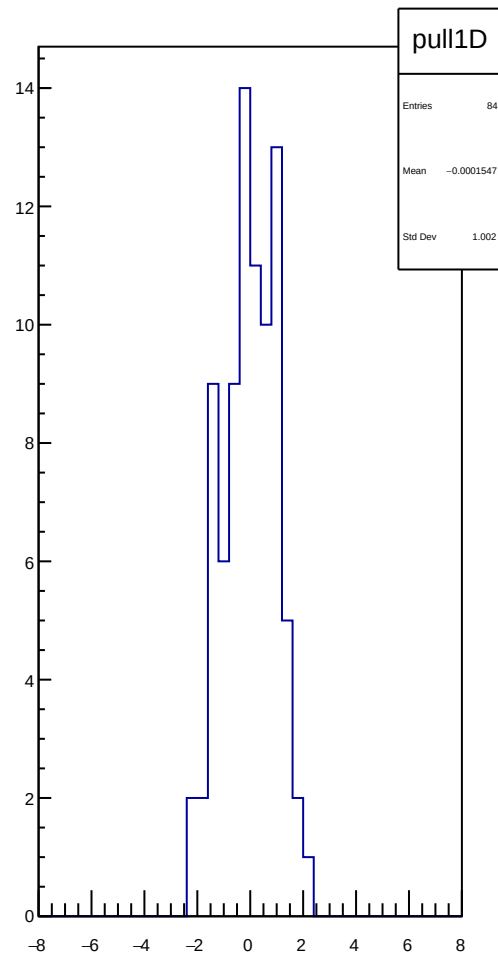
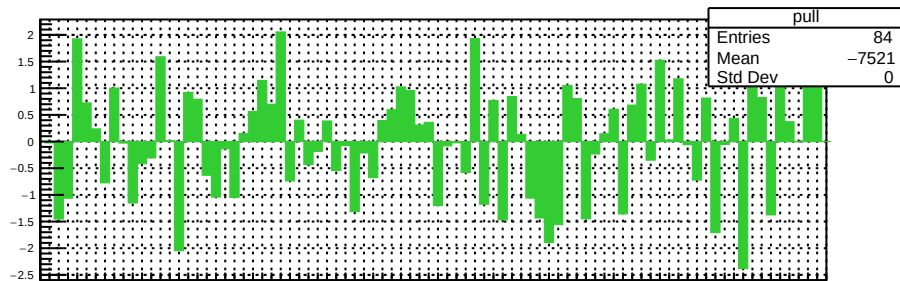
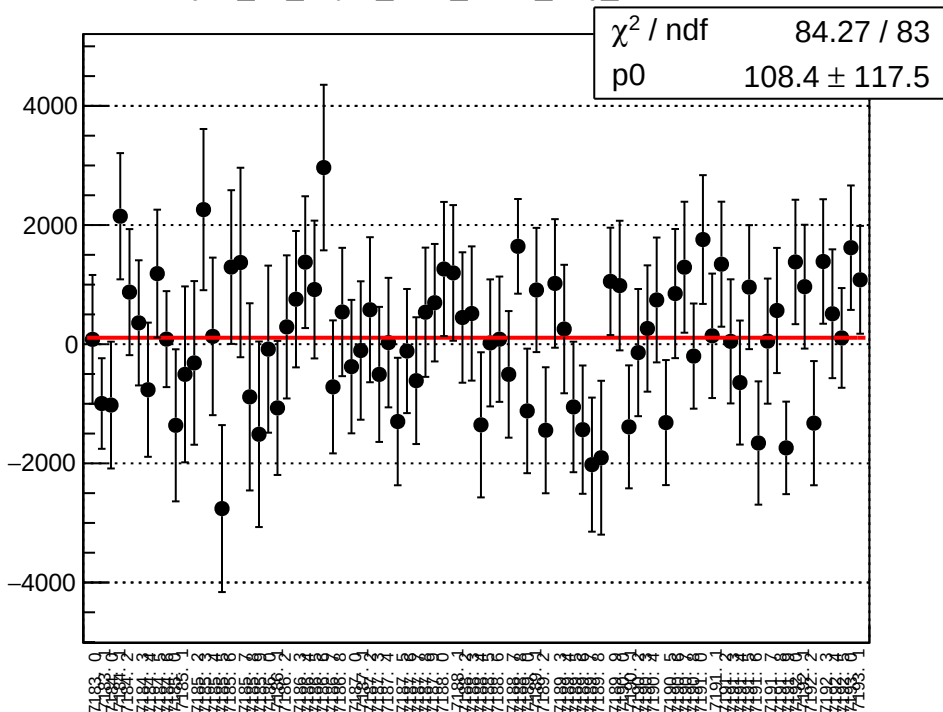
asym_sam_1548_avg_dit_correction_mean vs run



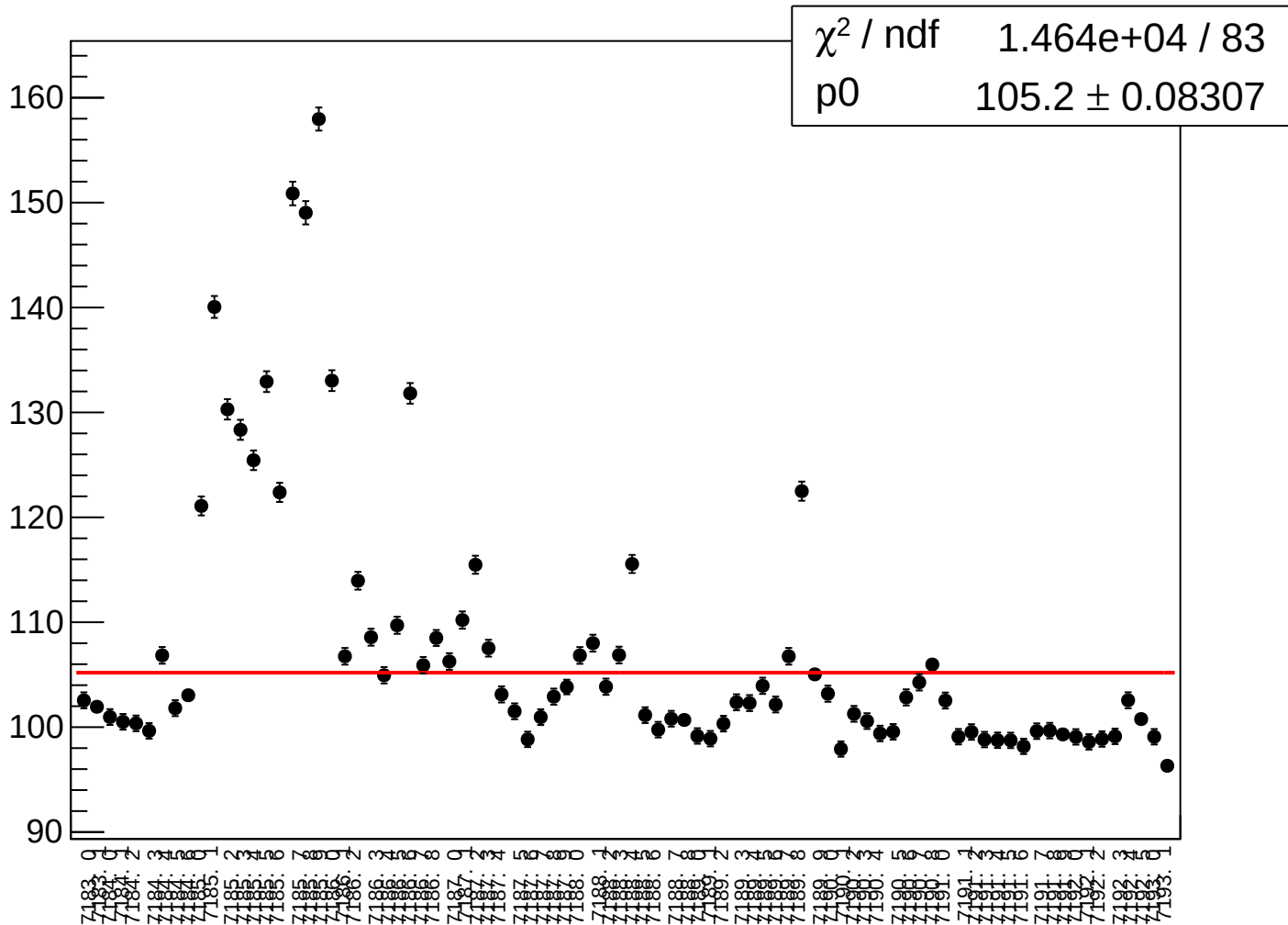
asym_sam_1548_avg_dit_correction_rms vs run



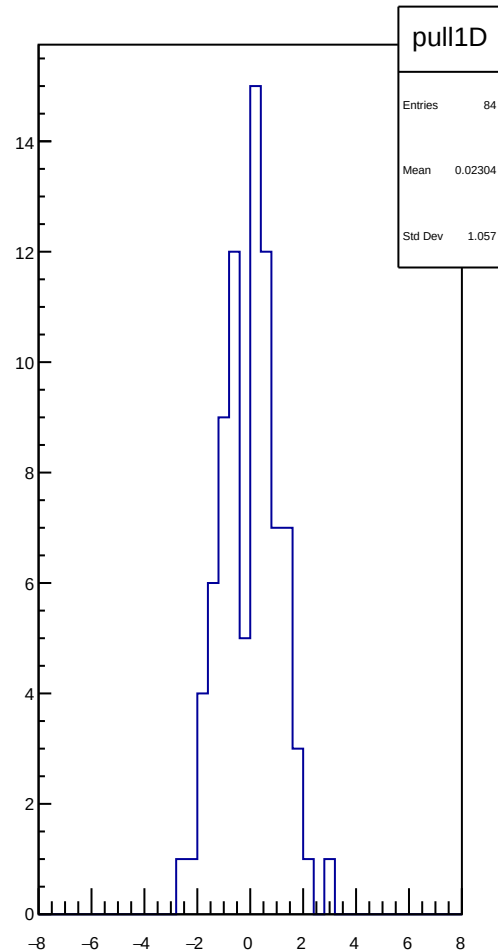
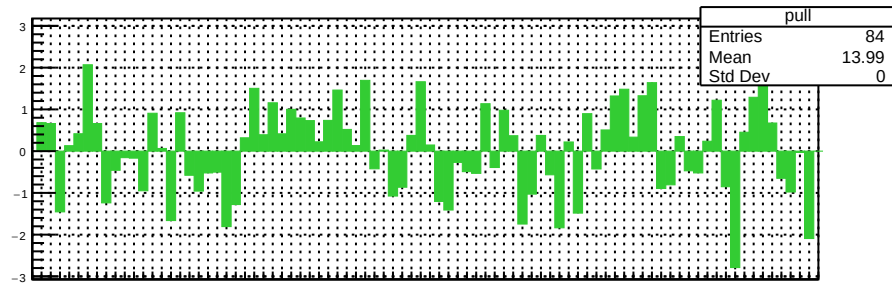
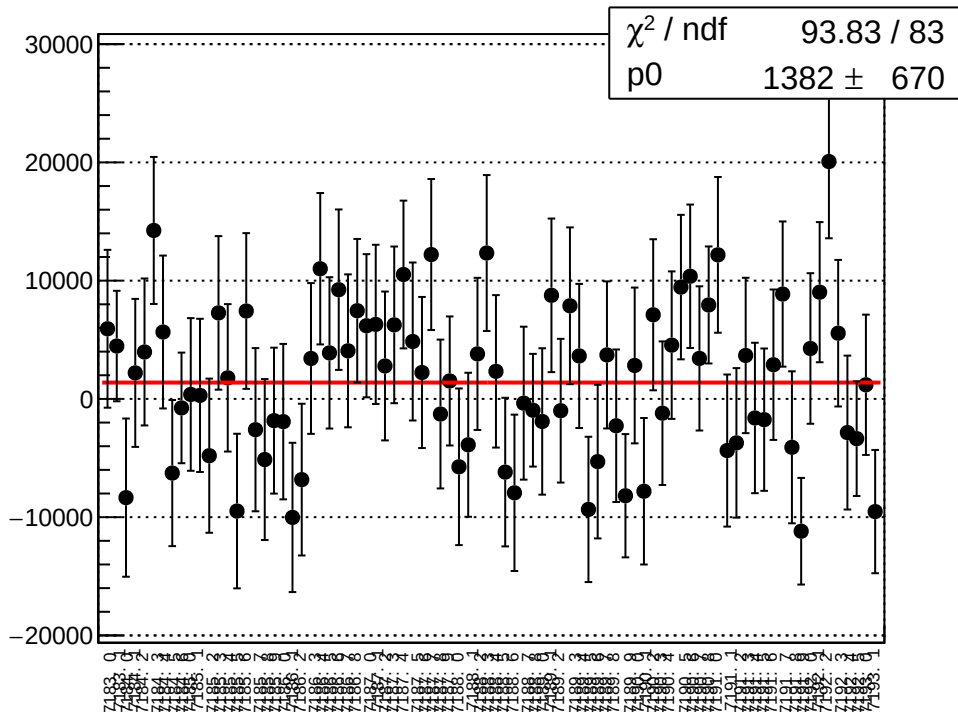
eigen_dit_asym_sam_1548_avg_mean vs run



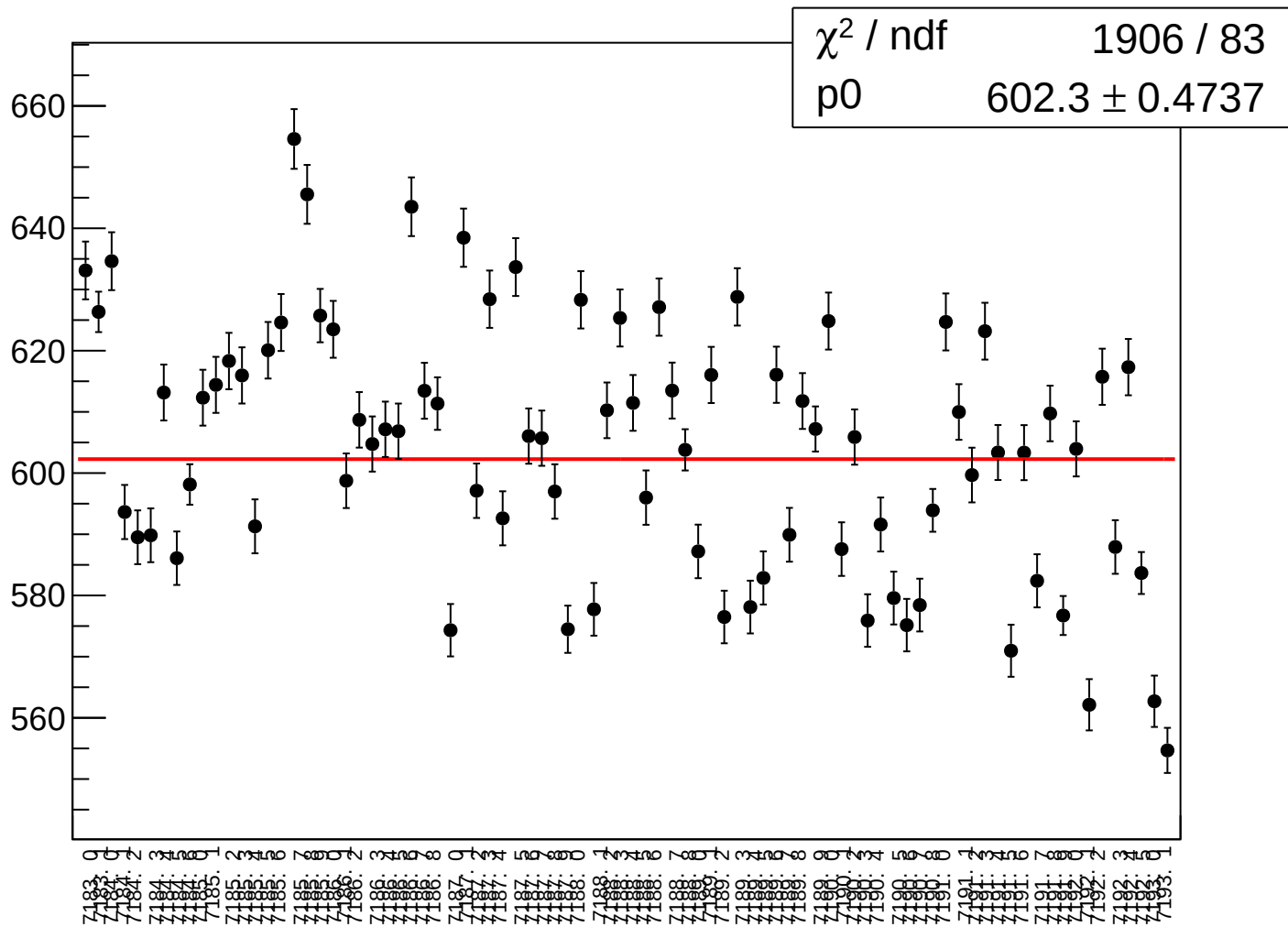
eigen_dit_asym_sam_1548_avg_rms vs run



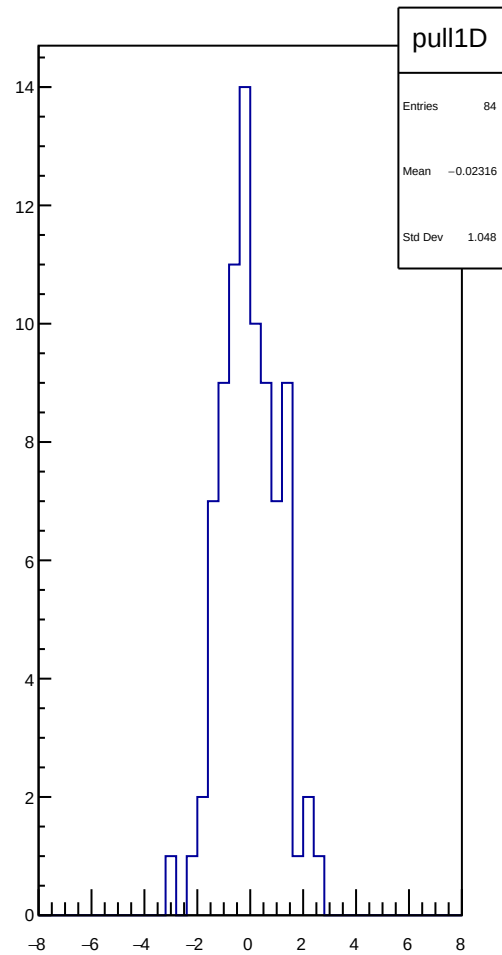
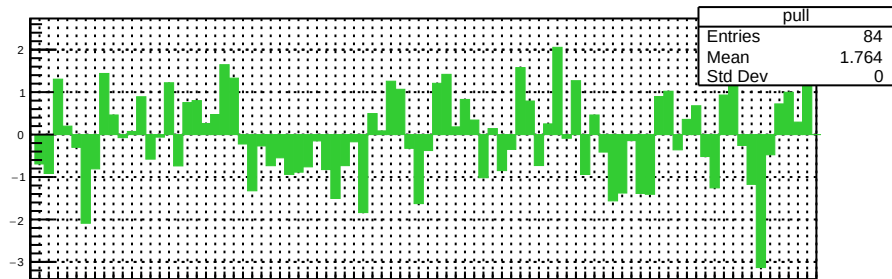
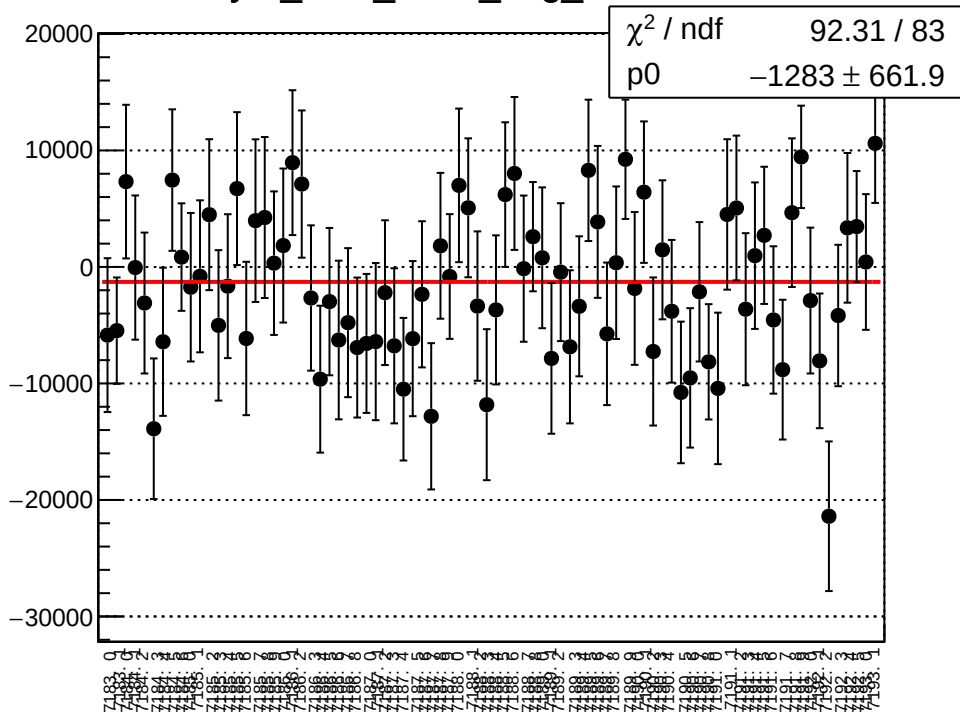
asym_sam_1548_avg_eigen_dit_correction_mean vs run



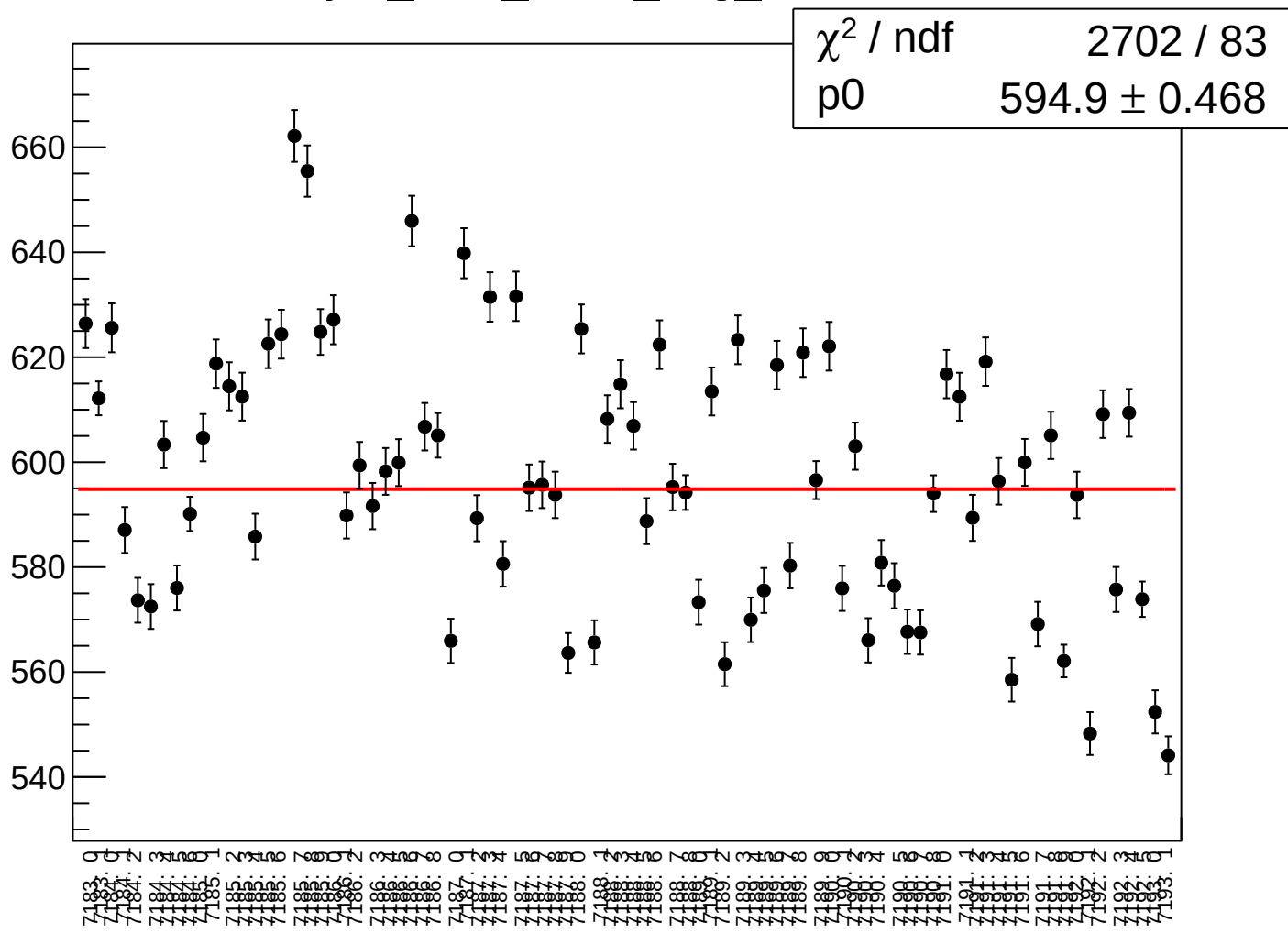
asym_sam_1548_avg_eigen_dit_correction_rms vs run



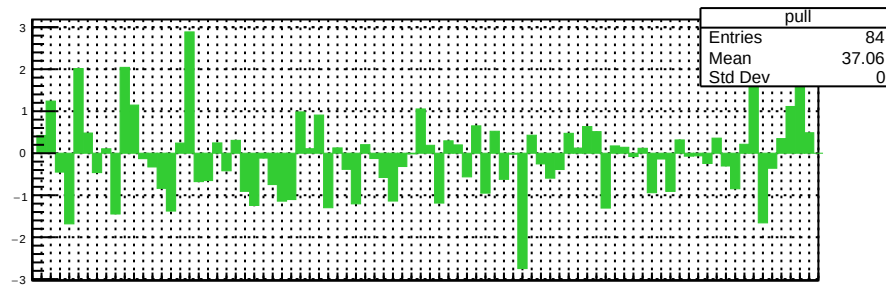
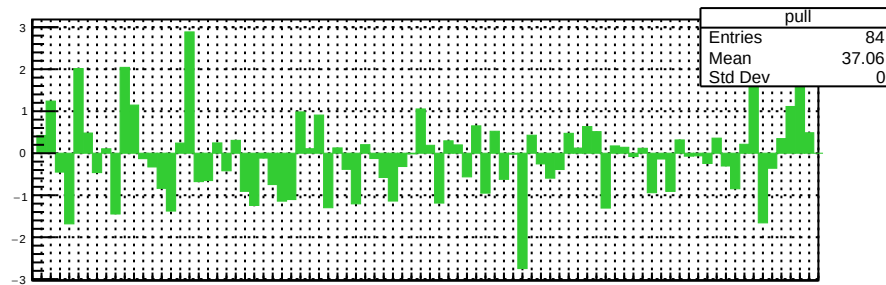
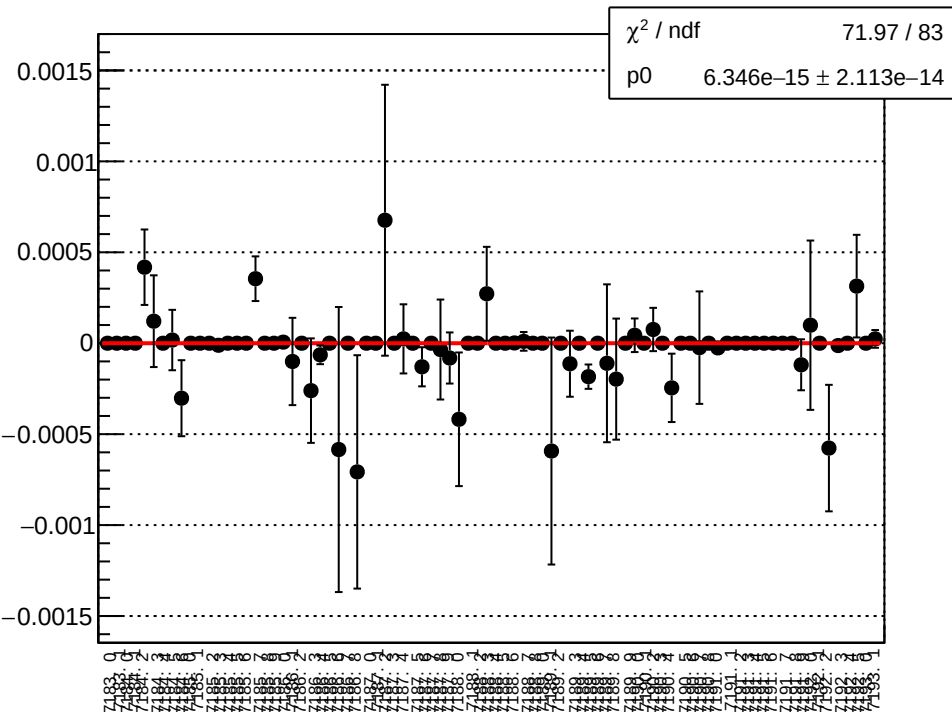
asym sam 1548 avg mean vs run



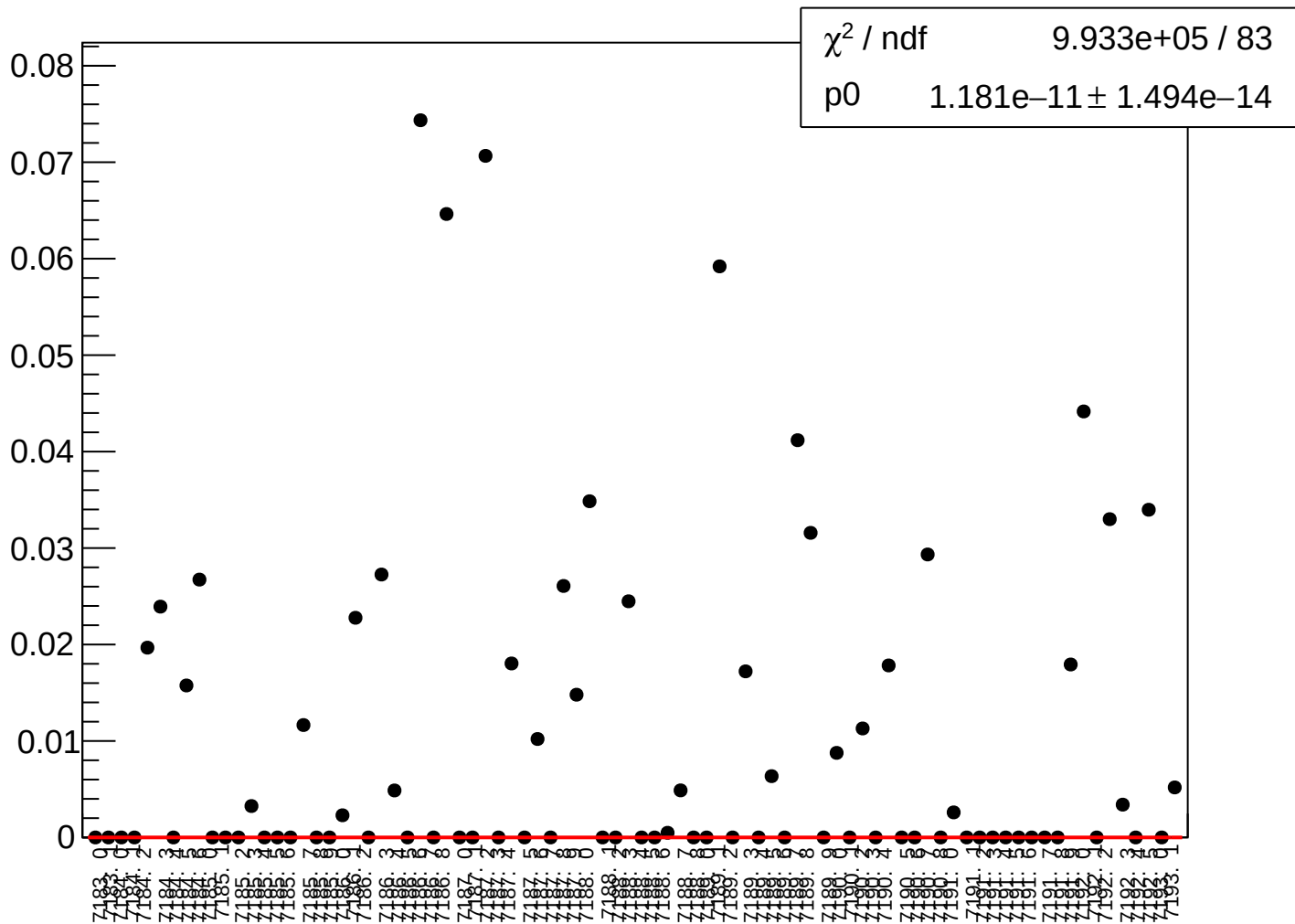
asym_sam_1548_avg_rms vs run



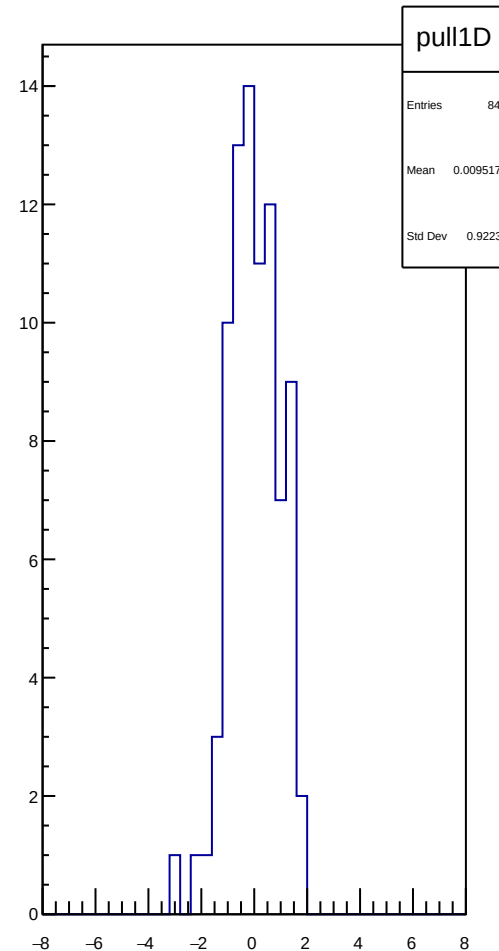
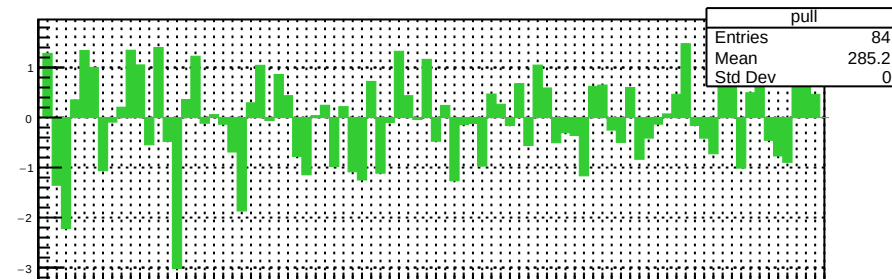
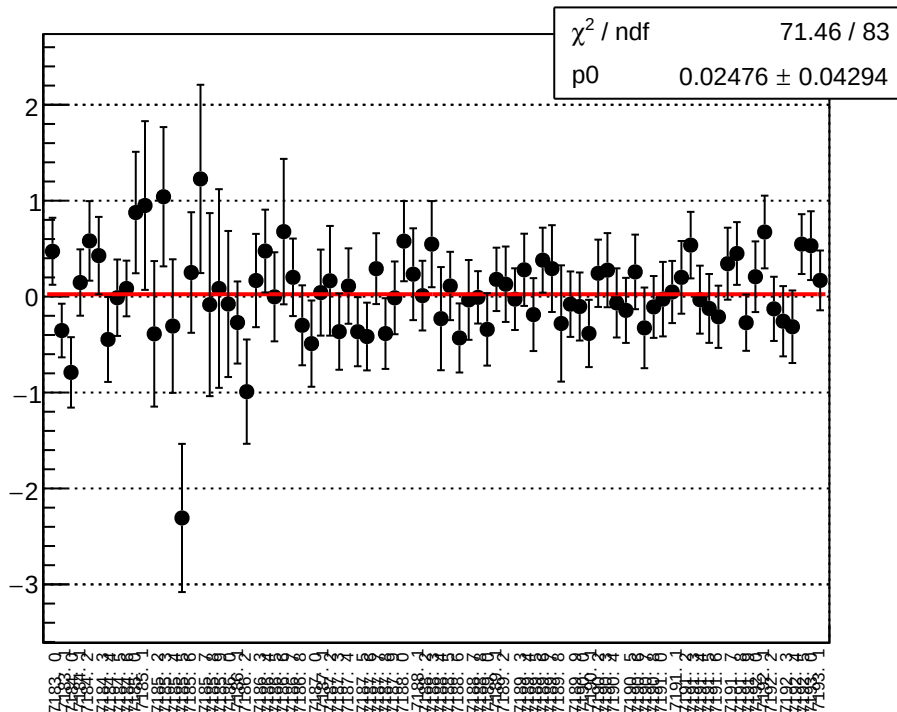
asym_sam_1548_avg_reg_vs_cor_diff_mean vs run



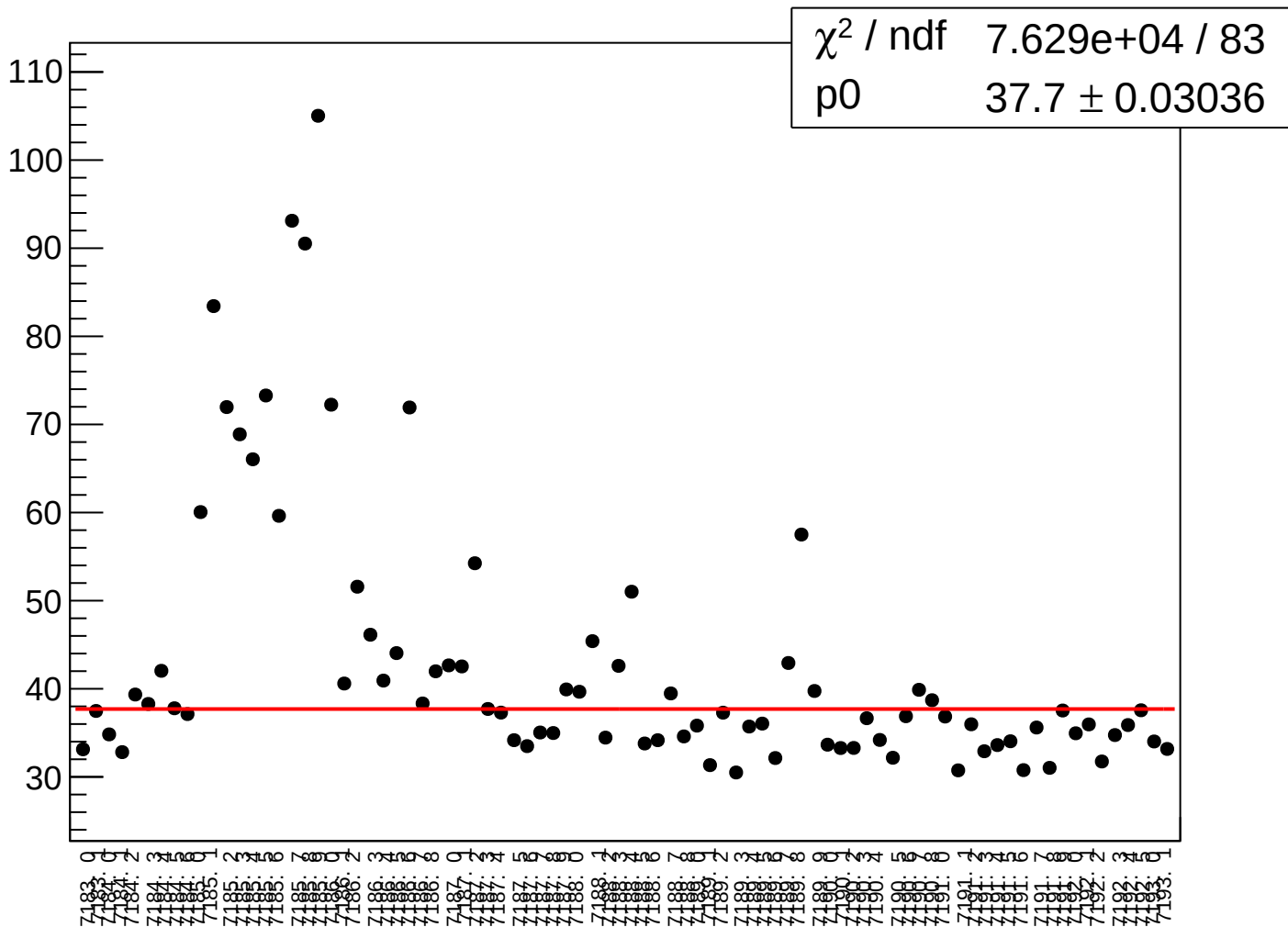
asym sam 1548 avg reg vs cor diff rms vs run



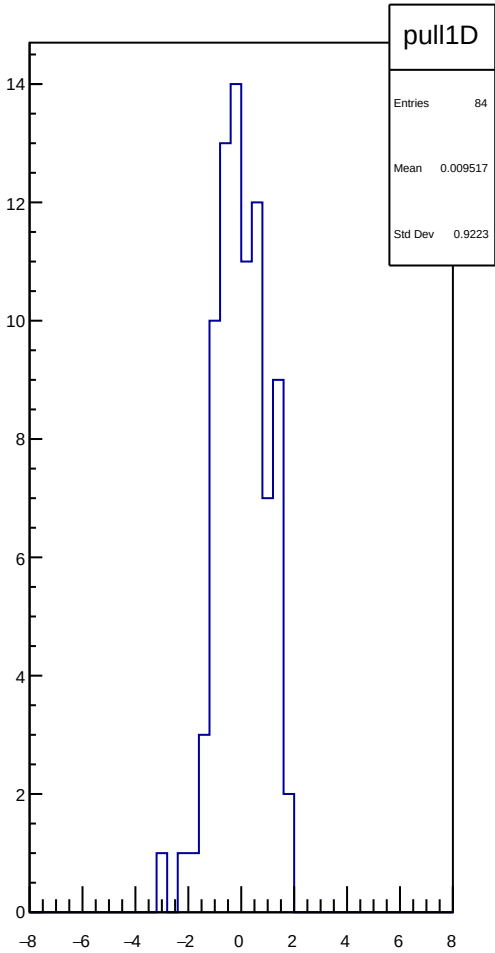
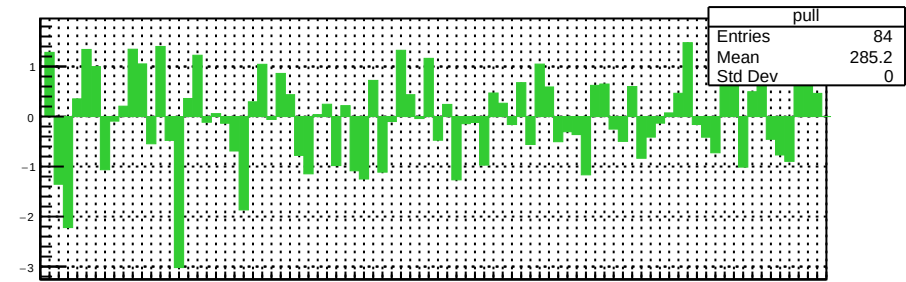
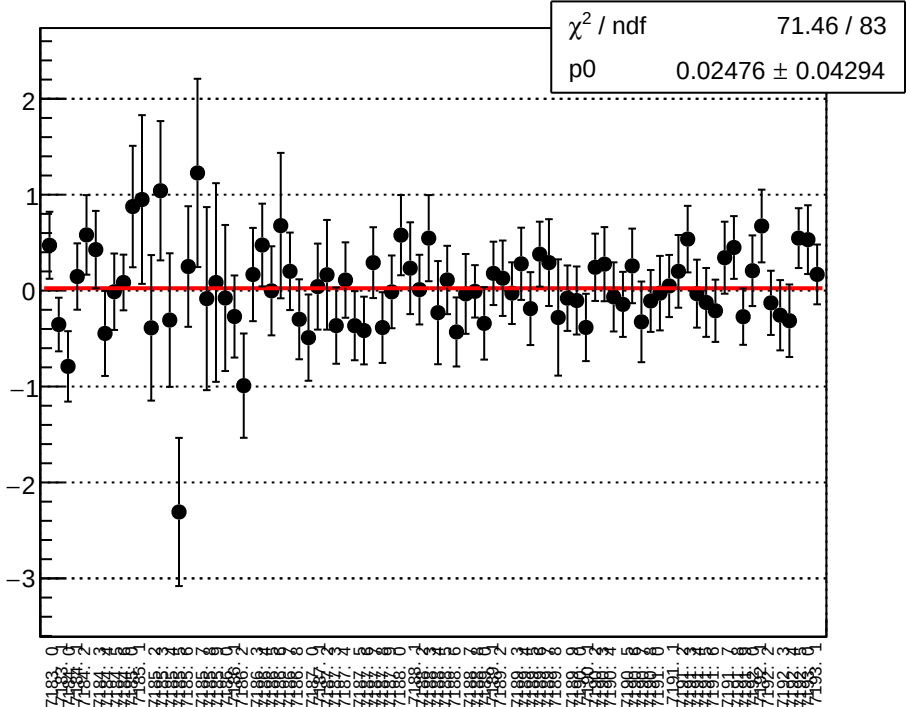
asym_sam_1548_avg_dit_vs_cor_diff_mean vs run



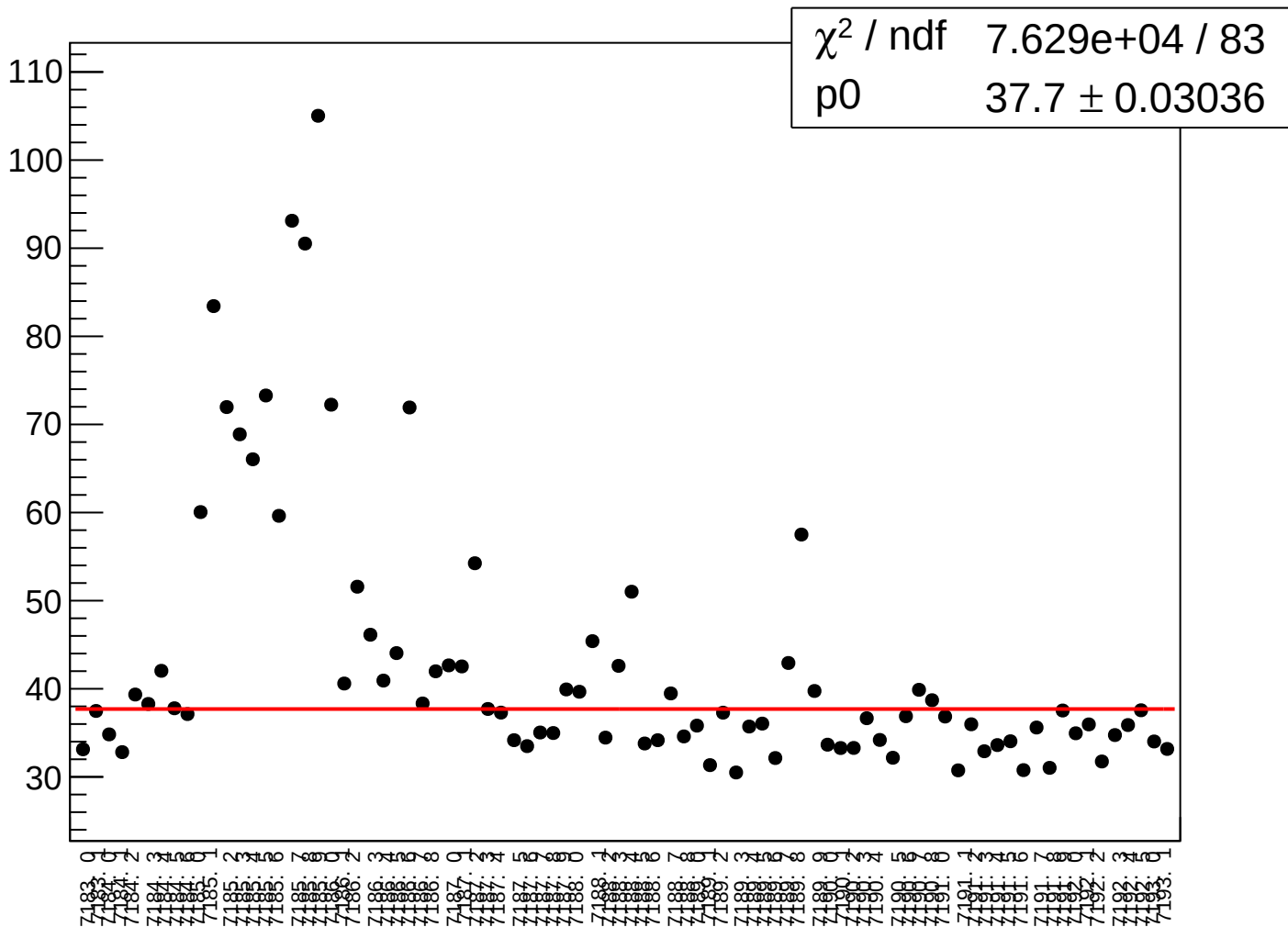
asym_sam_1548_avg_dit_vs_cor_diff_rms vs run



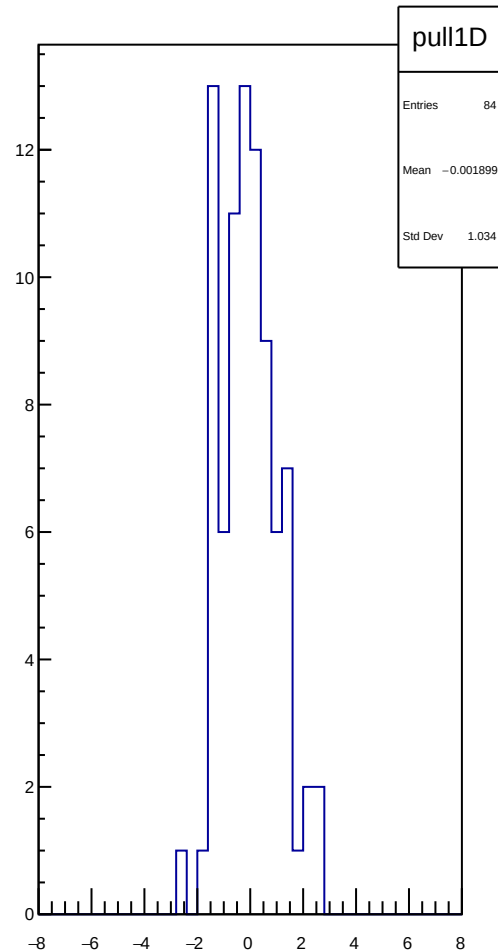
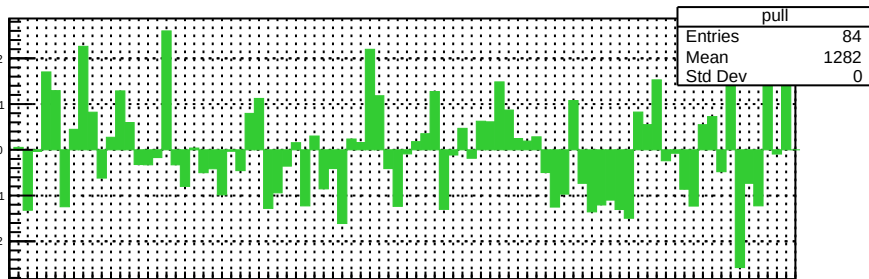
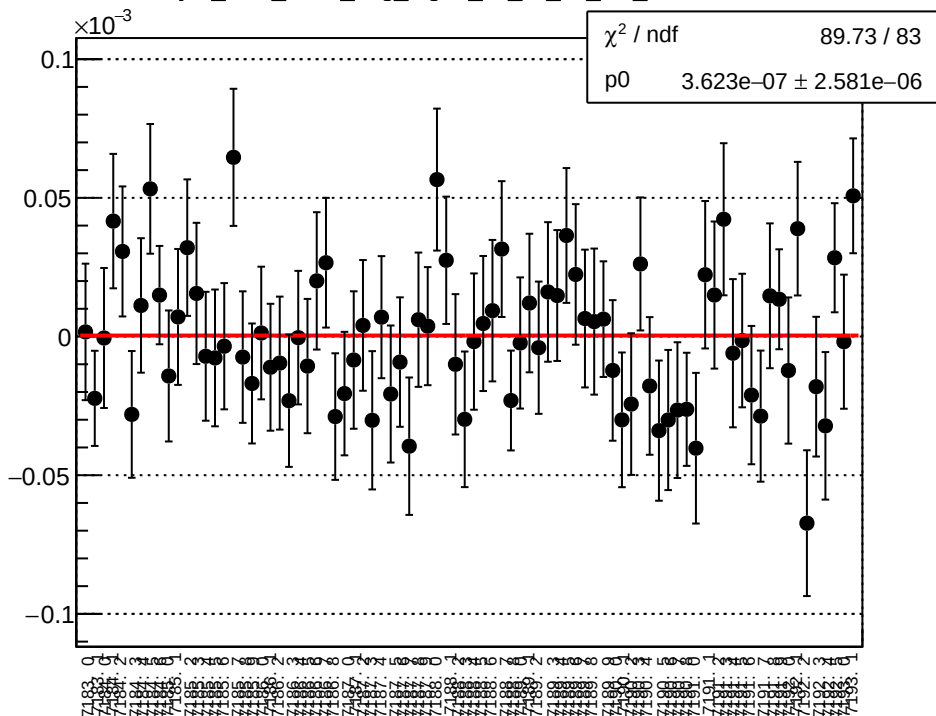
asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs run



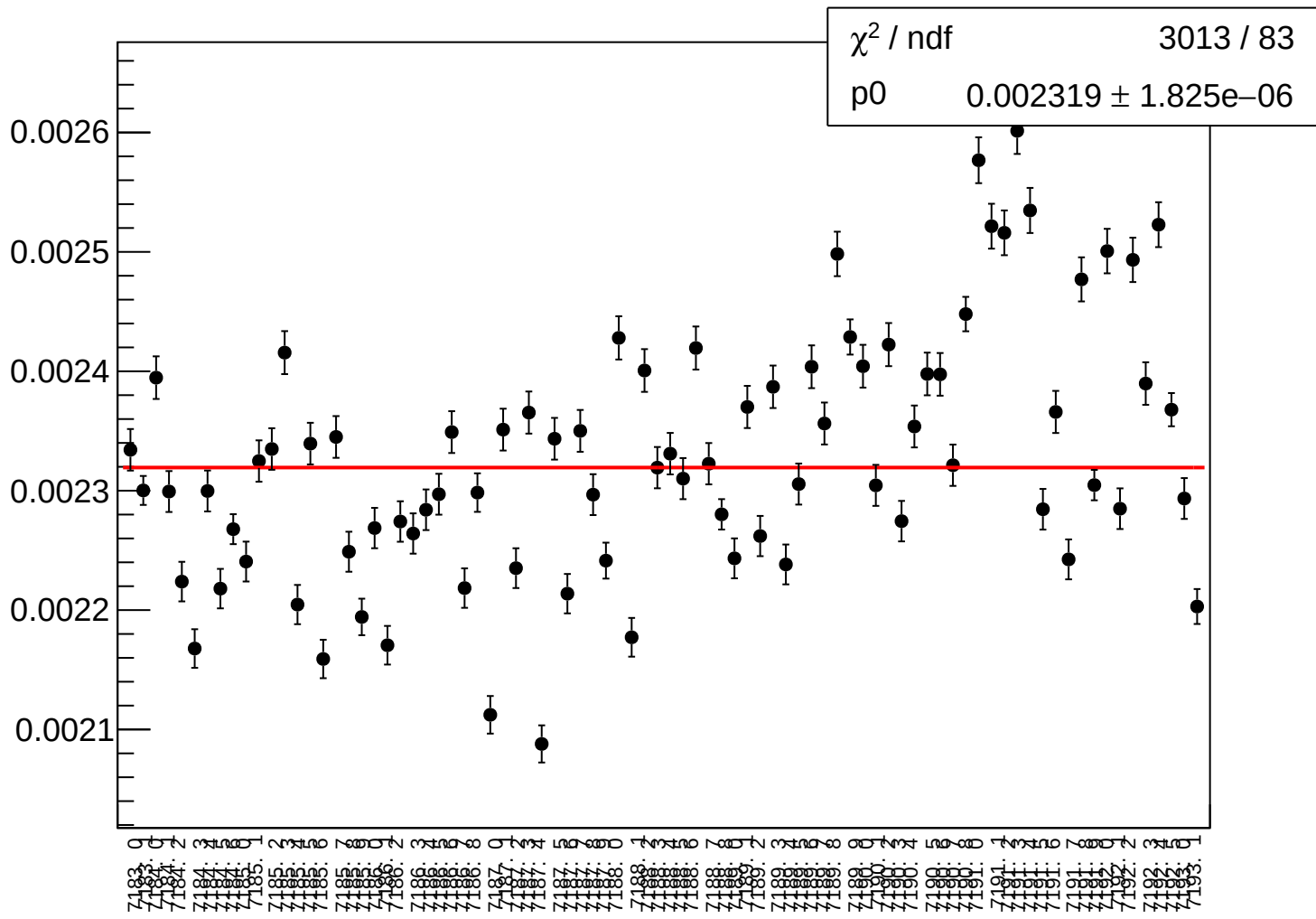
asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs run



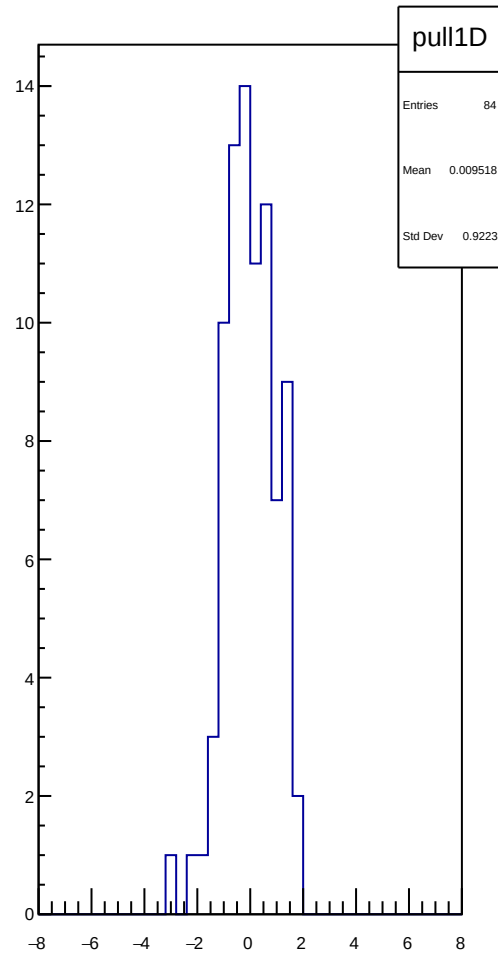
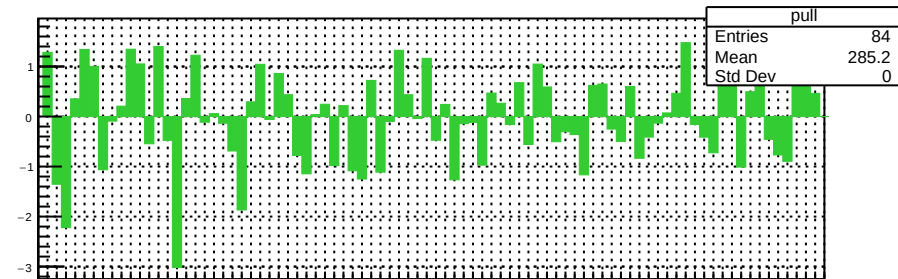
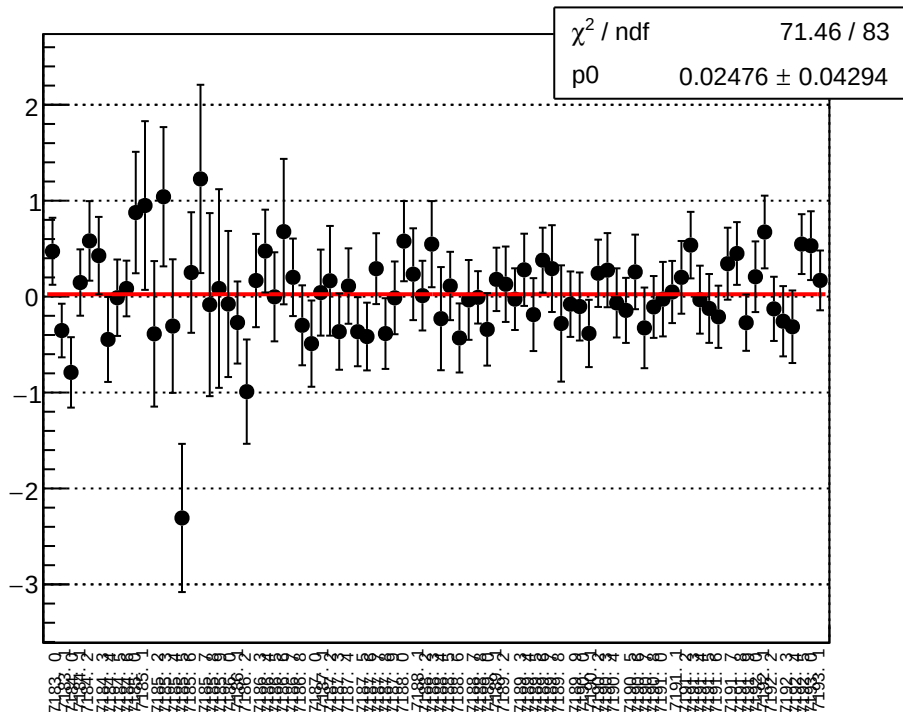
asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs run



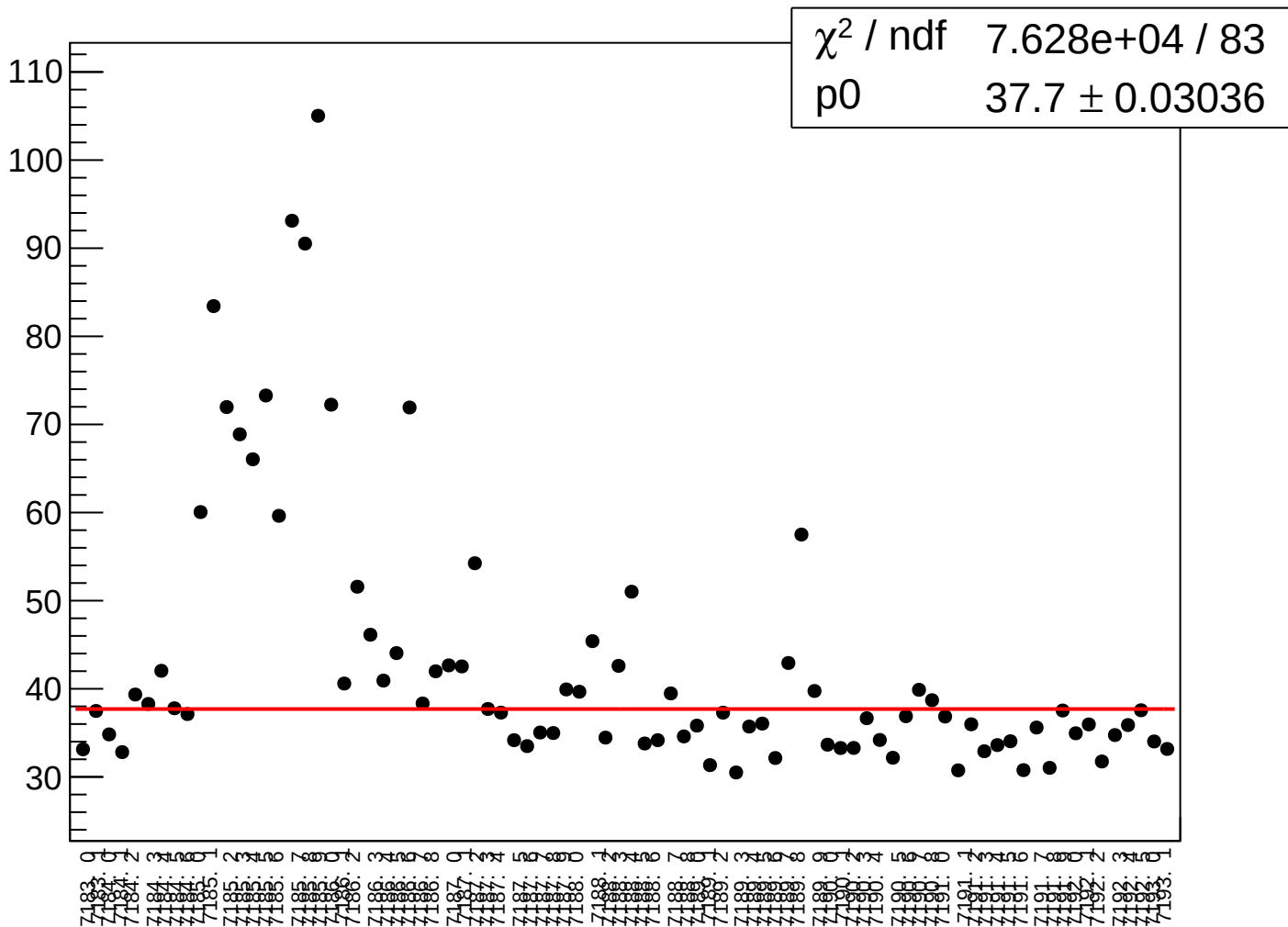
asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs run



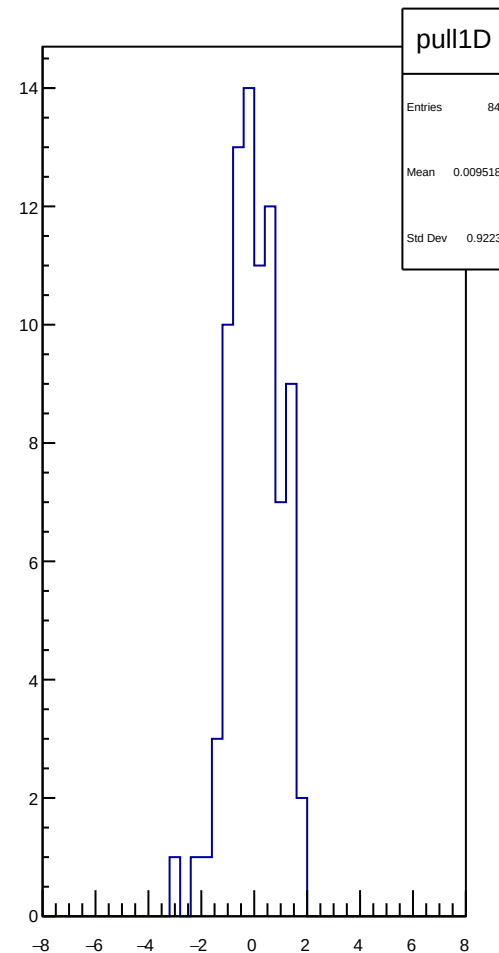
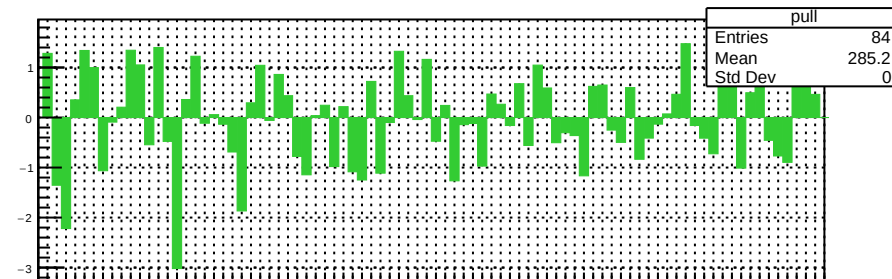
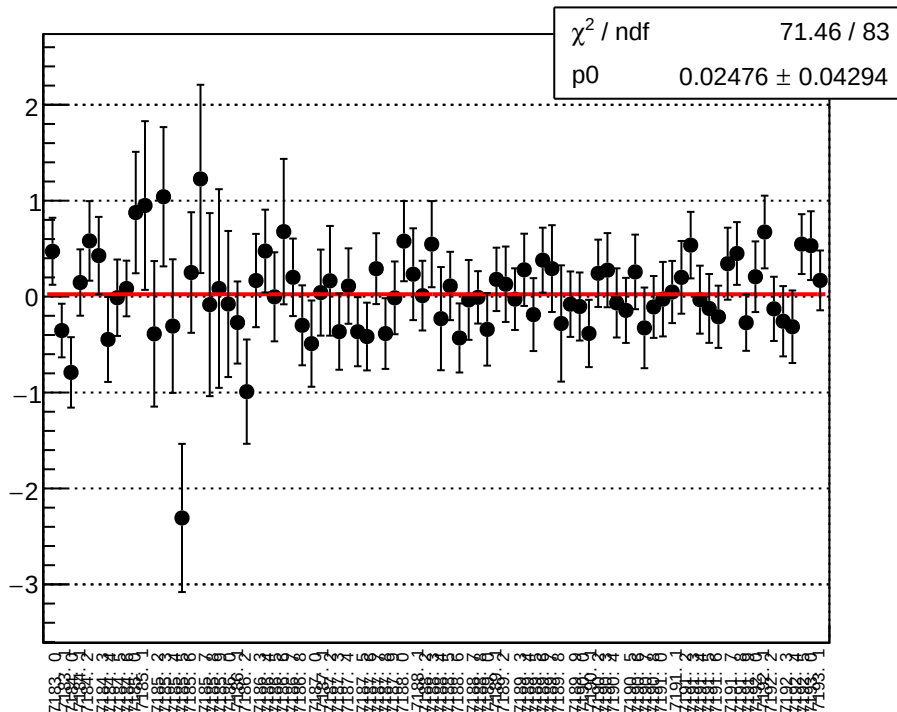
asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs run



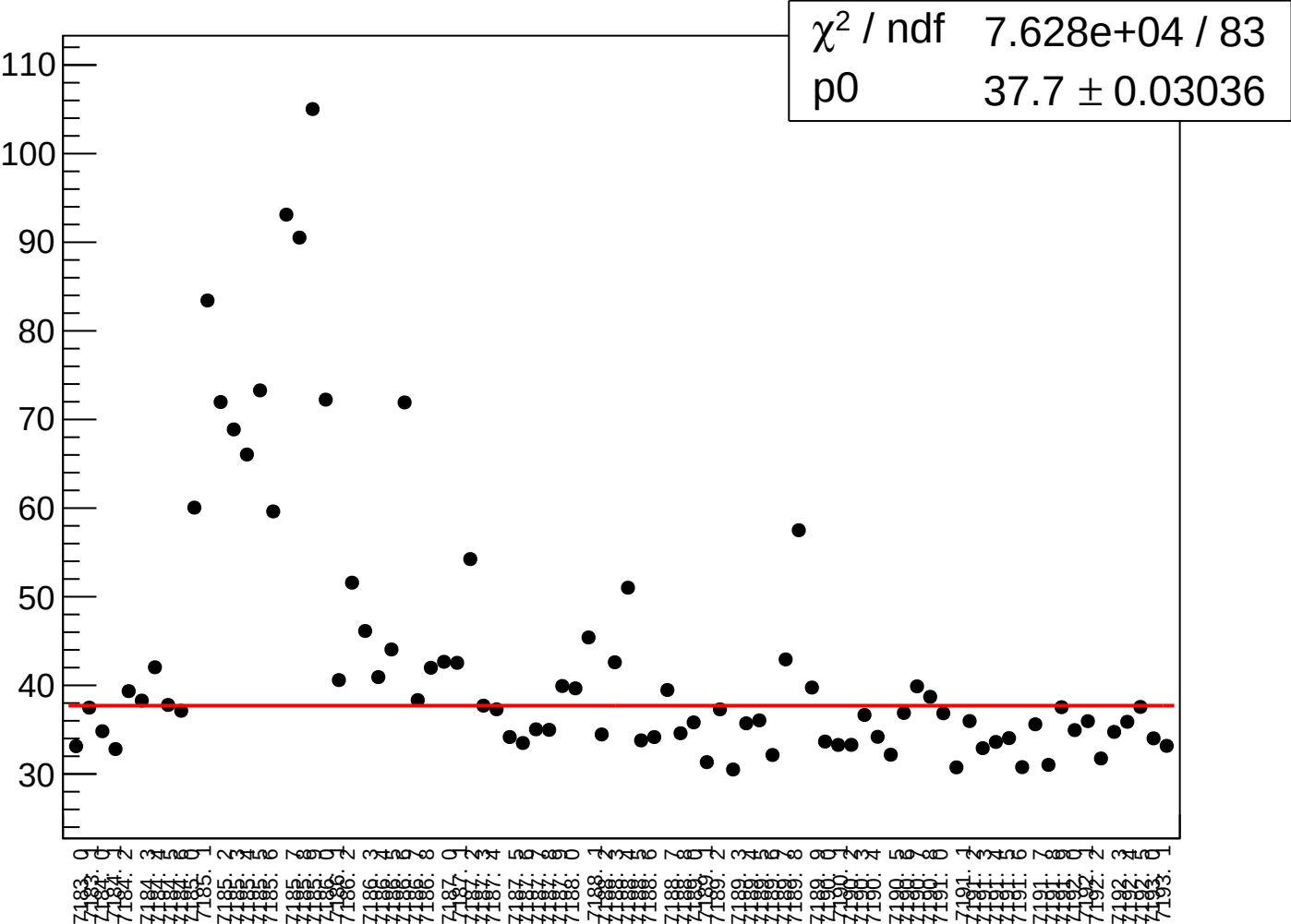
asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs run



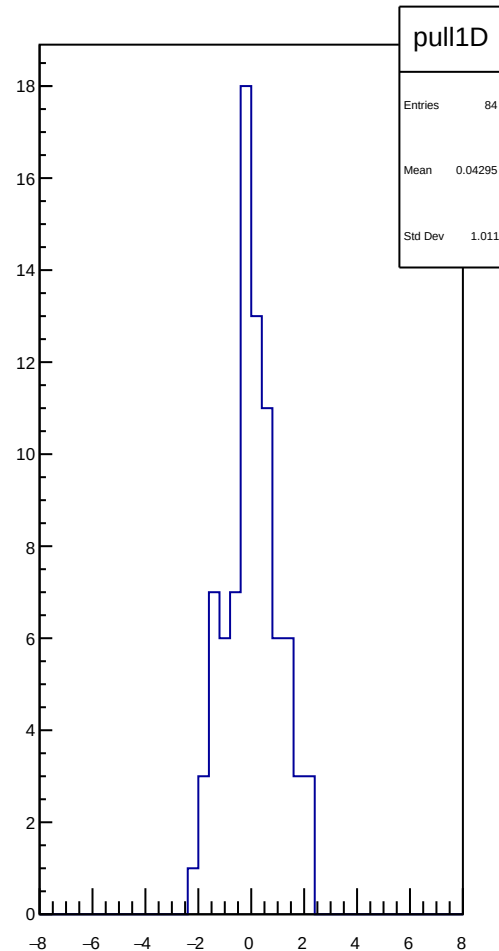
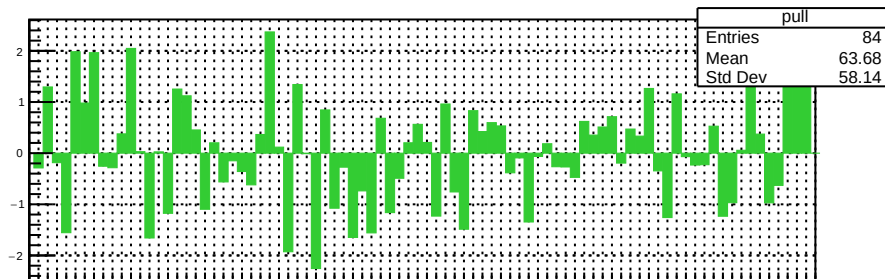
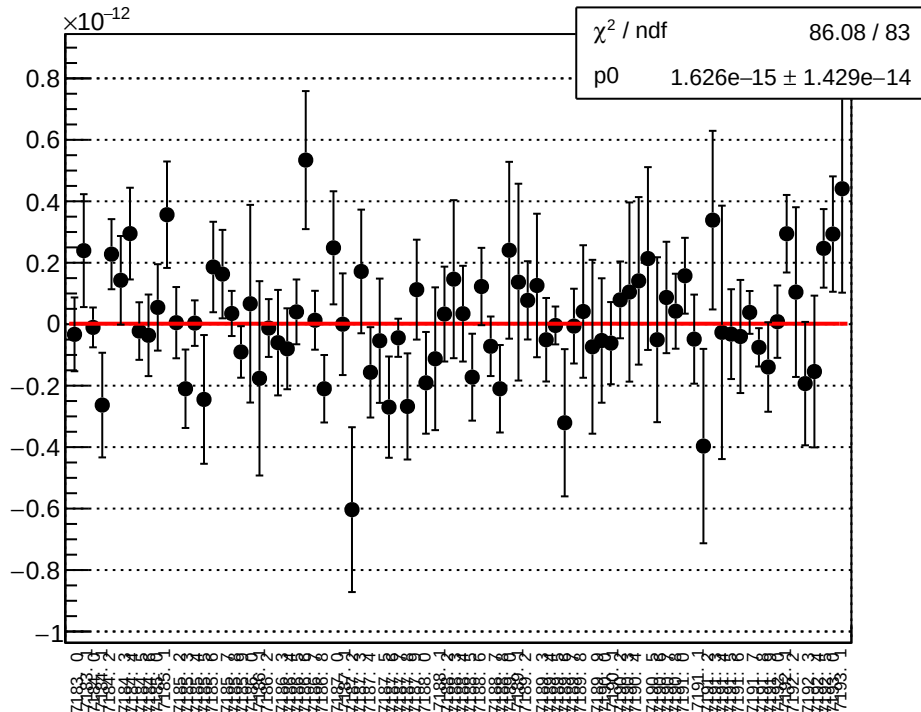
asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



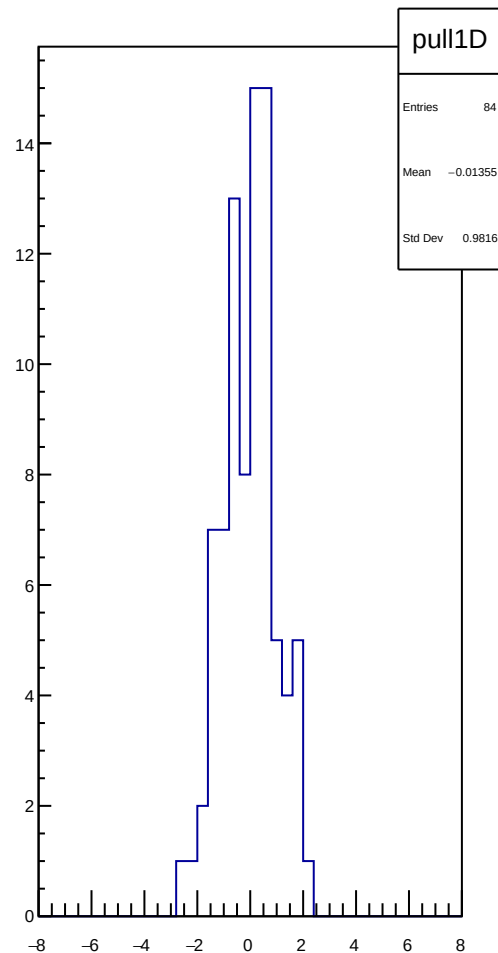
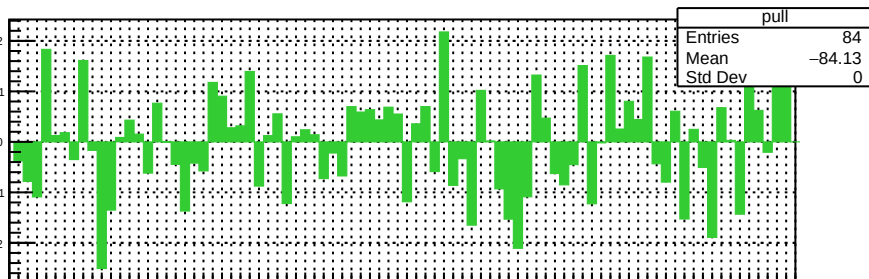
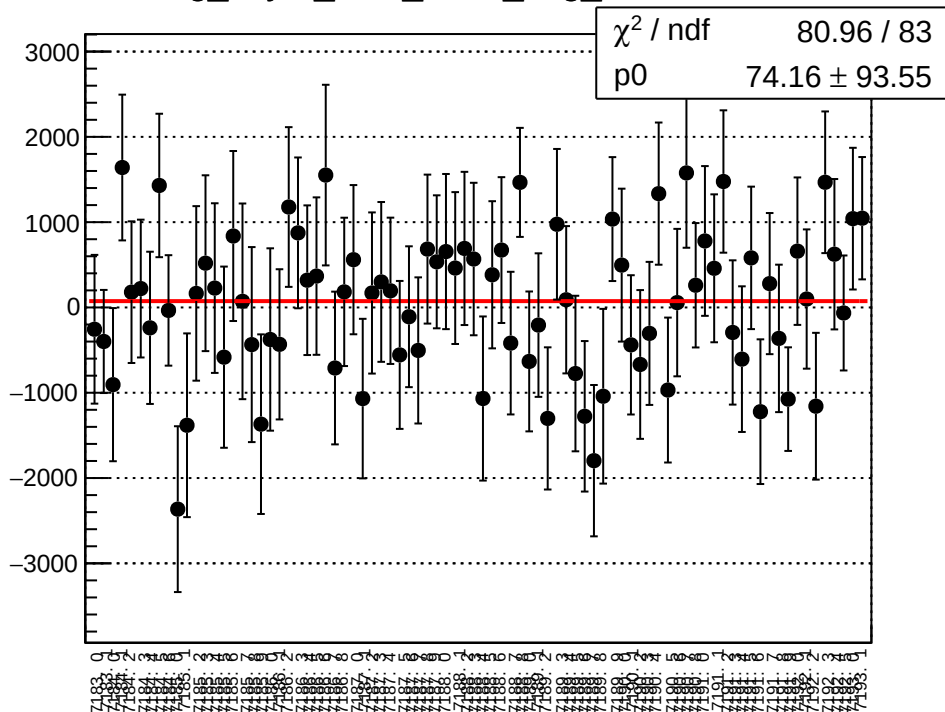
asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs run



reg_asym_sam_3748_avg_mean vs run



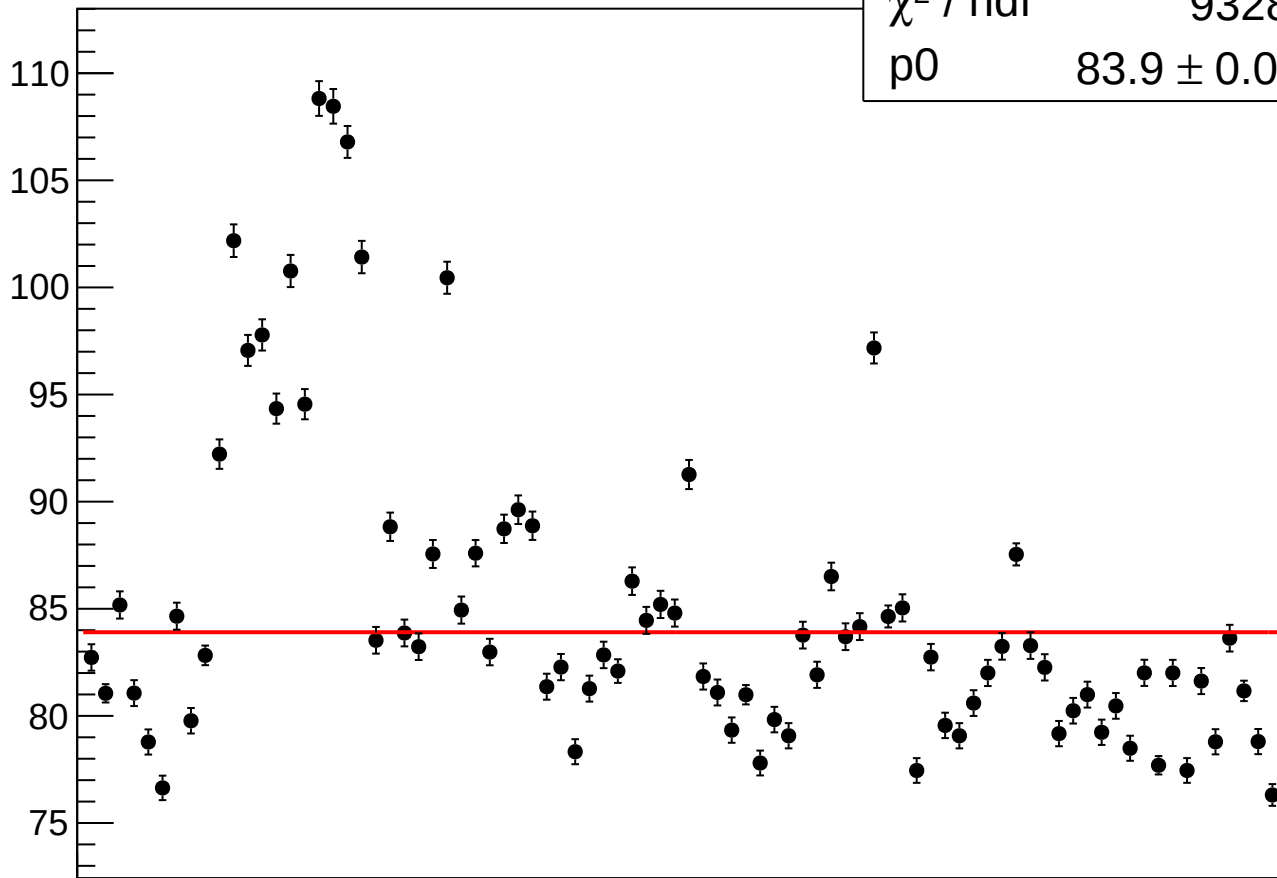
reg_asym_sam_3748_avg_rms vs run

χ^2 / ndf

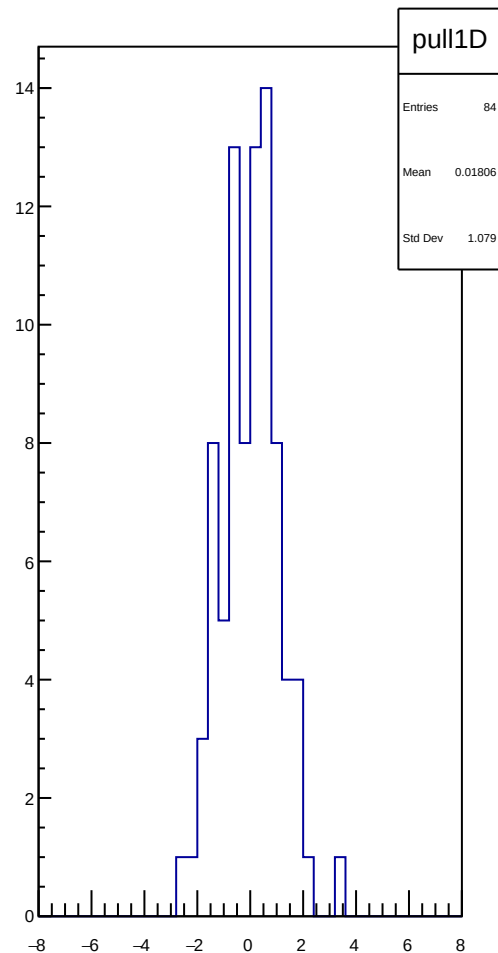
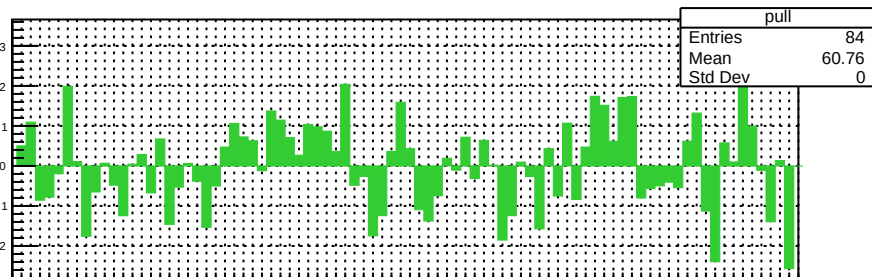
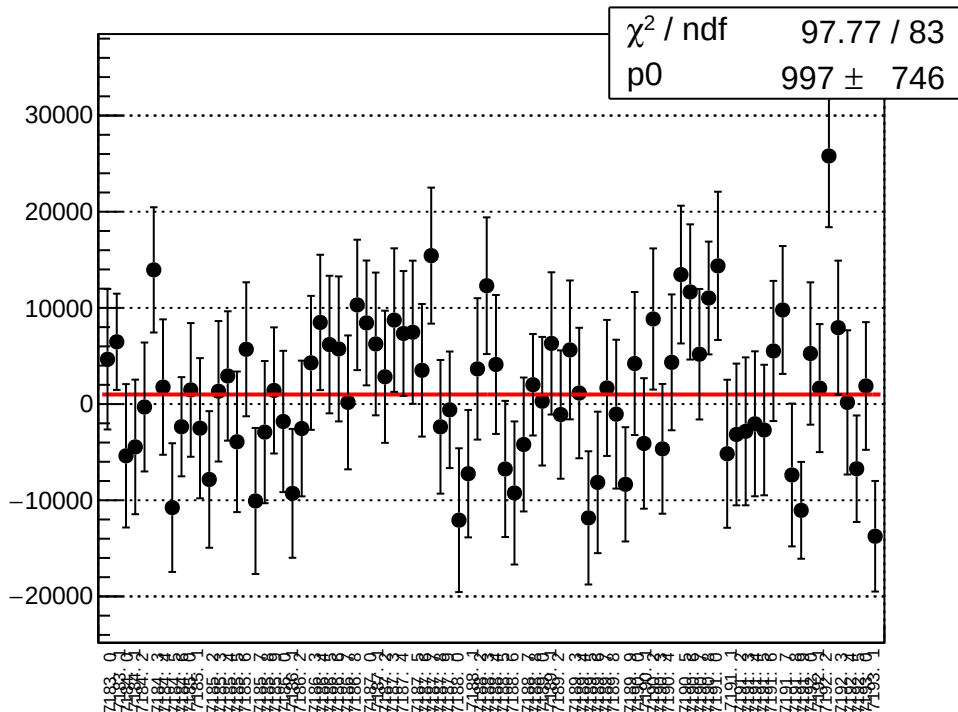
9328 / 83

p0

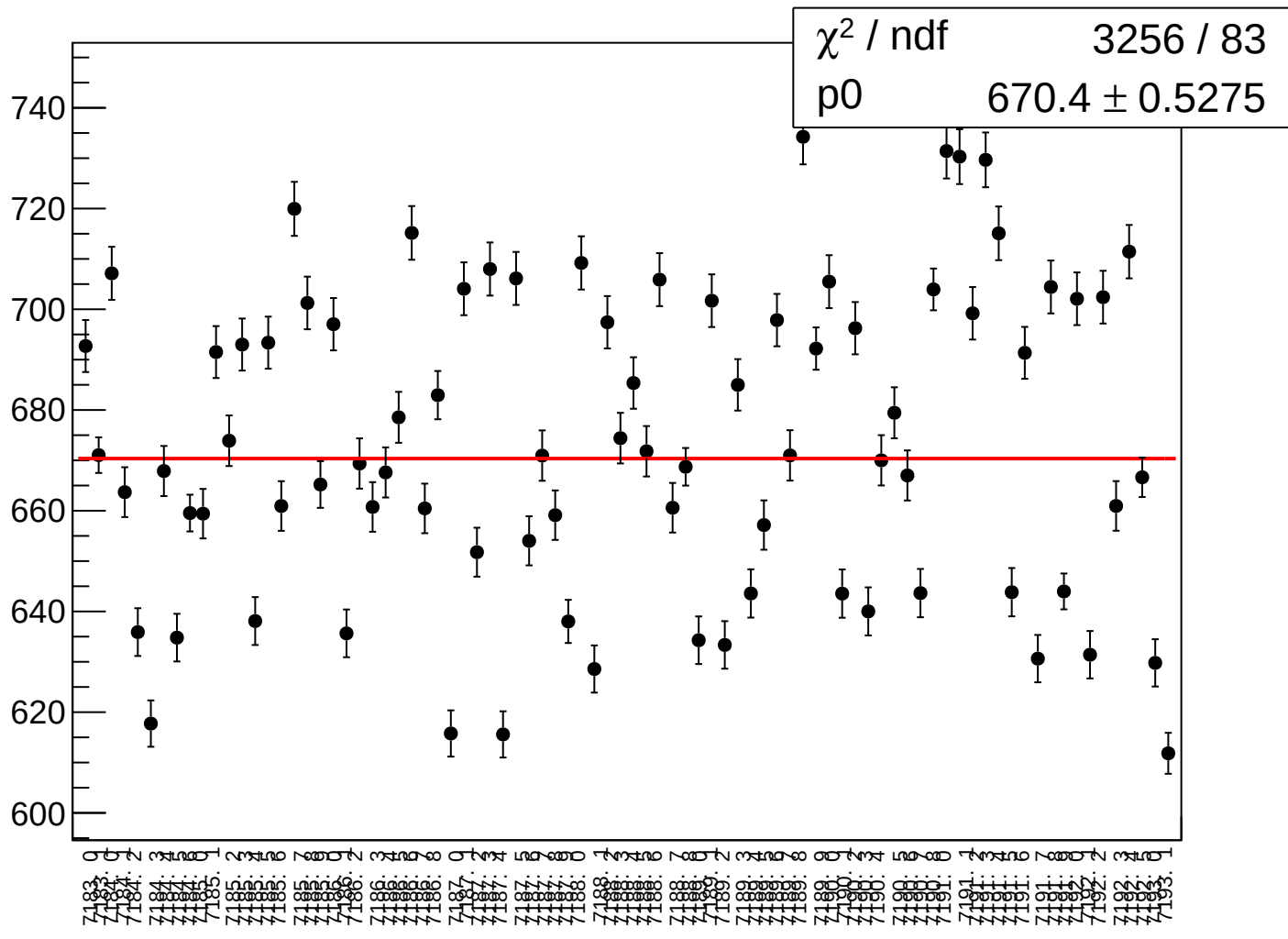
83.9 ± 0.06615



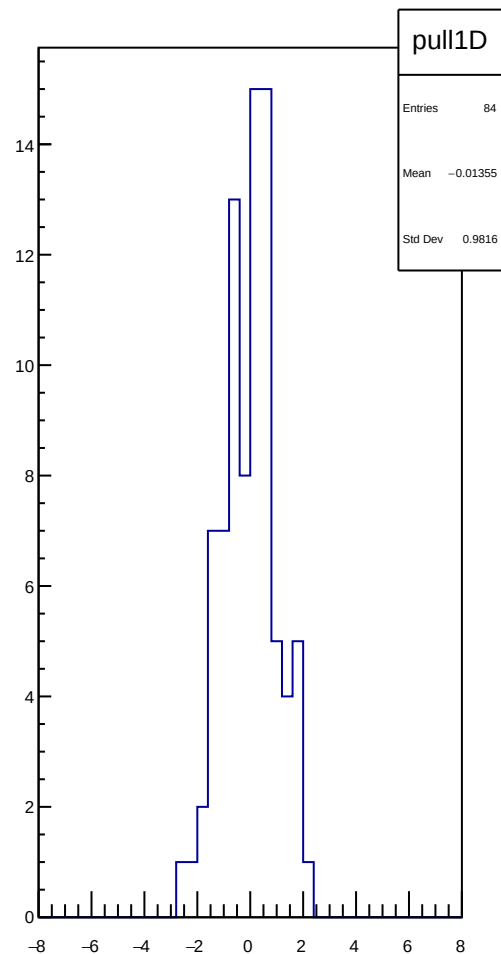
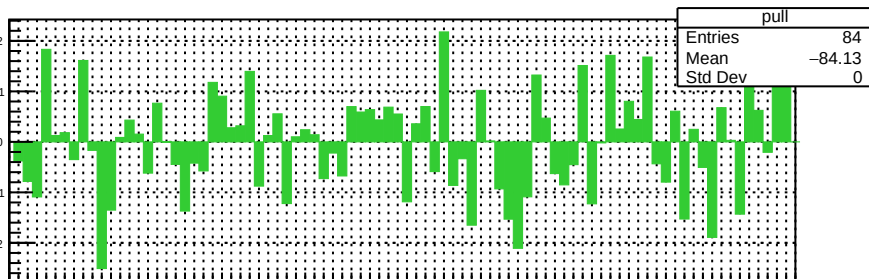
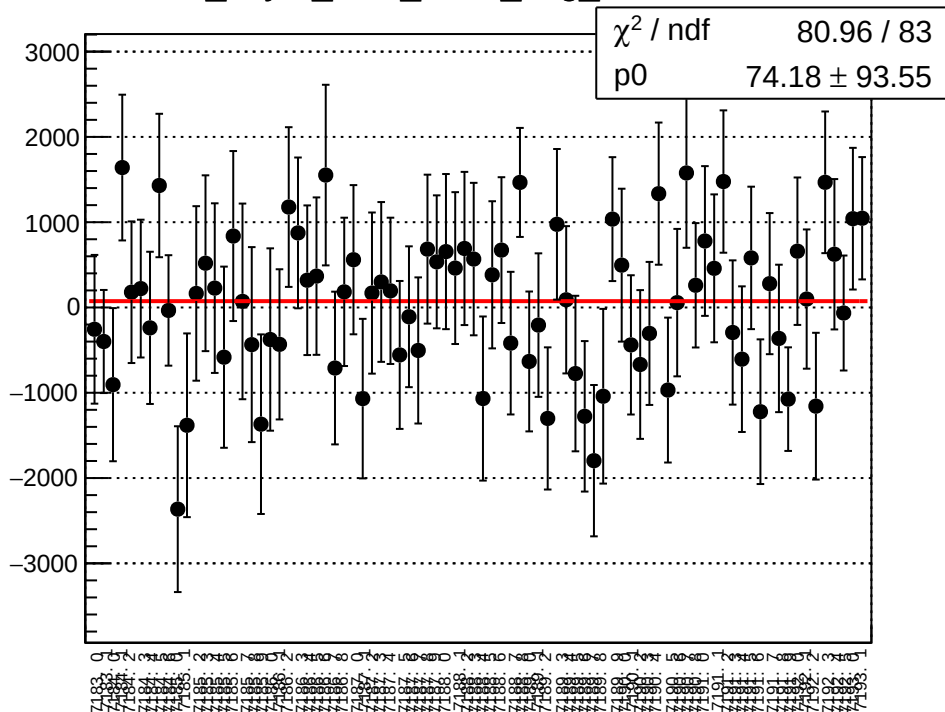
asym_sam_3748_avg_reg_correction_mean vs run



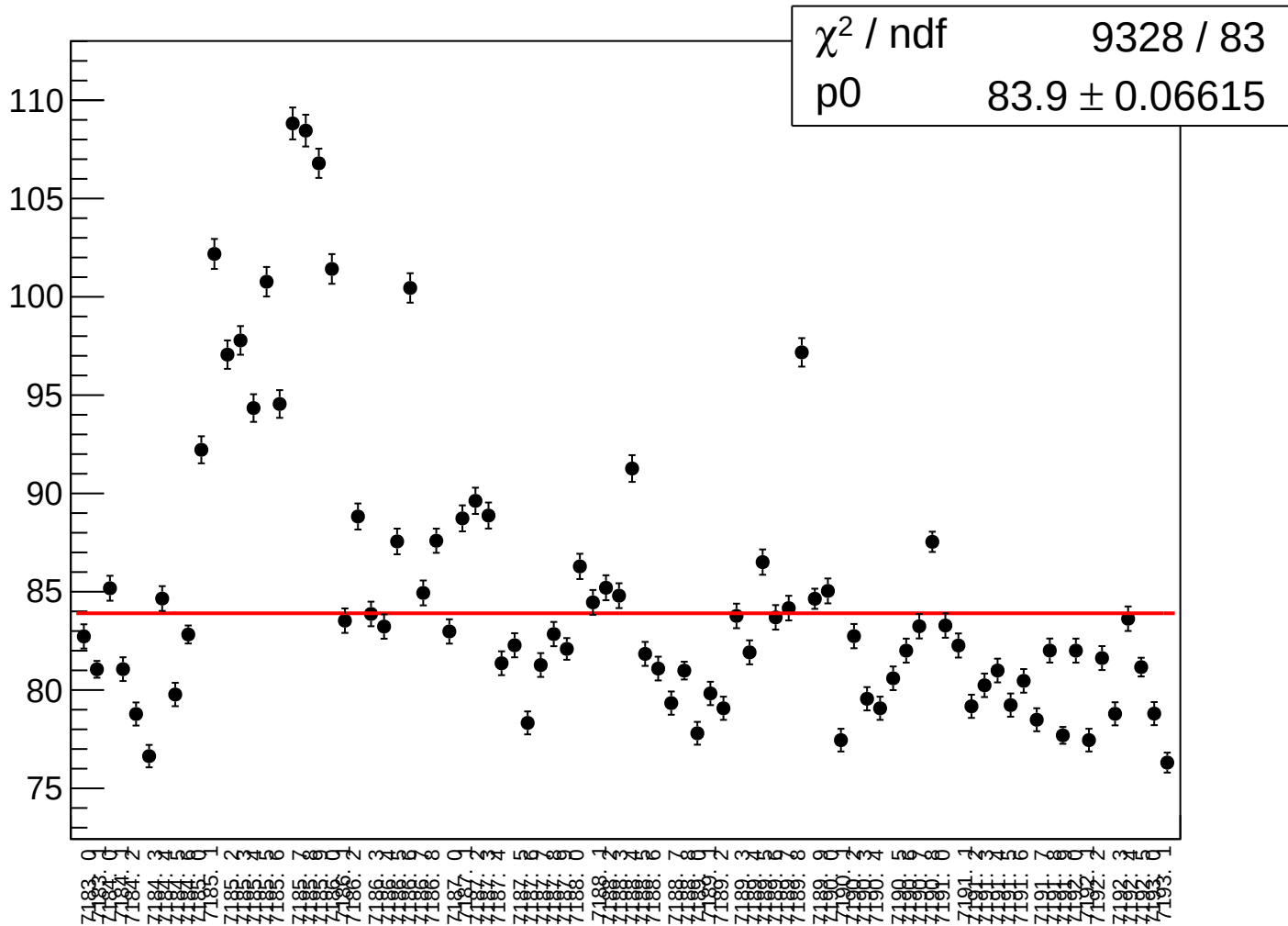
asym_sam_3748_avg_reg_correction_rms vs run



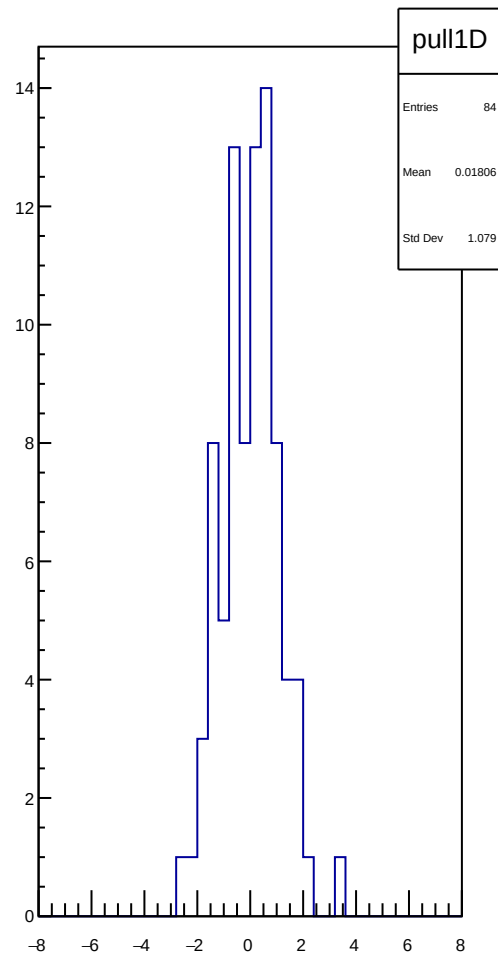
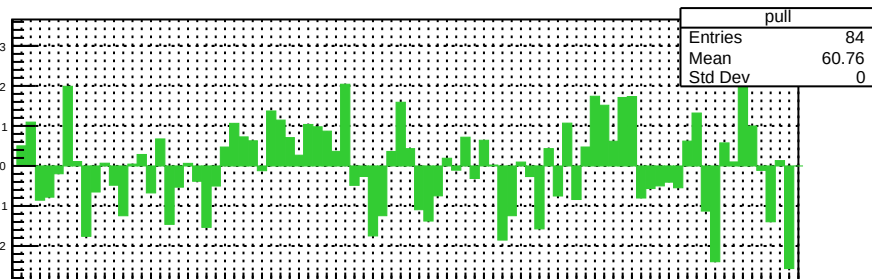
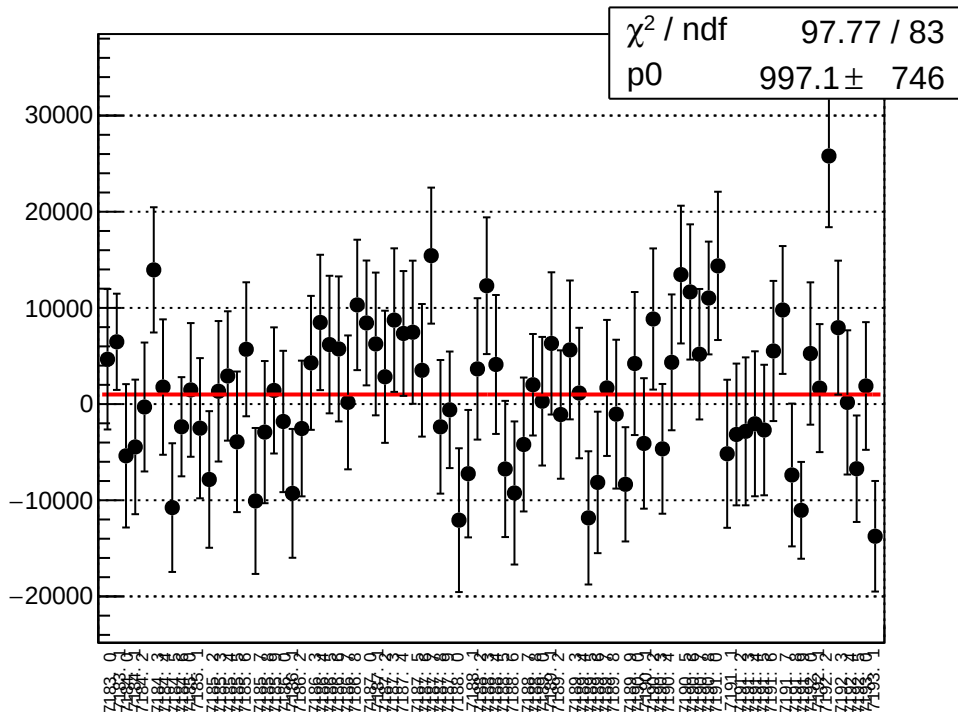
cor_asym_sam_3748_avg_mean vs run



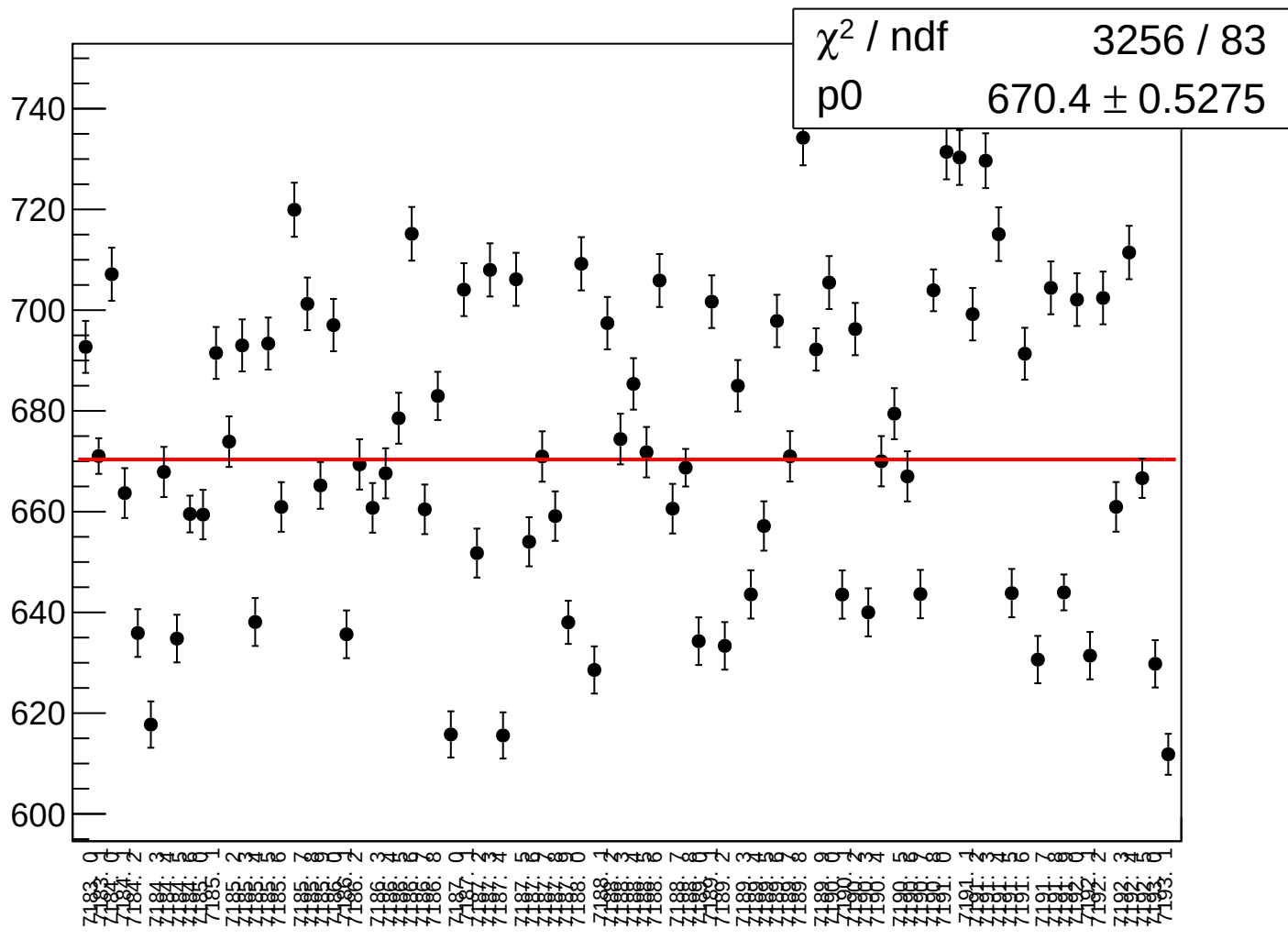
cor_asym_sam_3748_avg_rms vs run



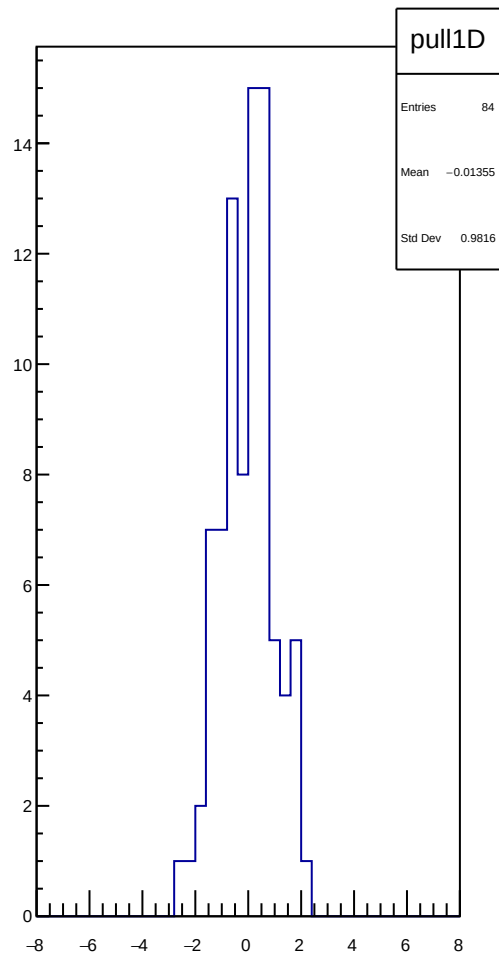
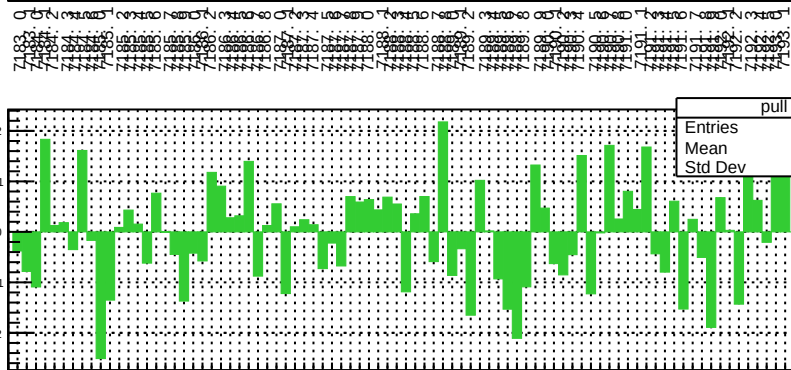
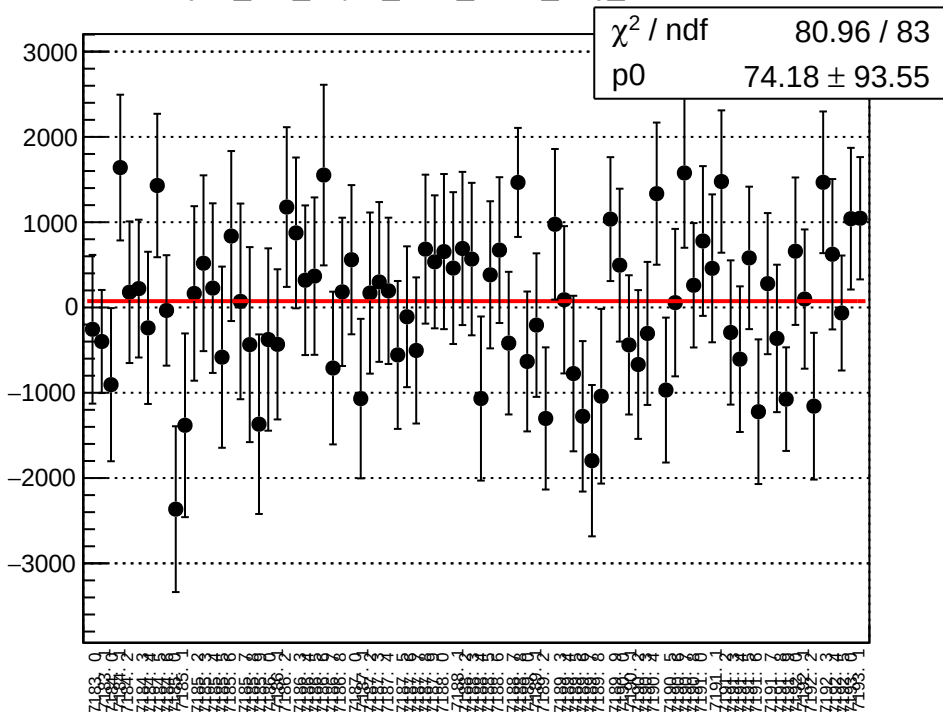
asym_sam_3748_avg_cor_correction_mean vs run



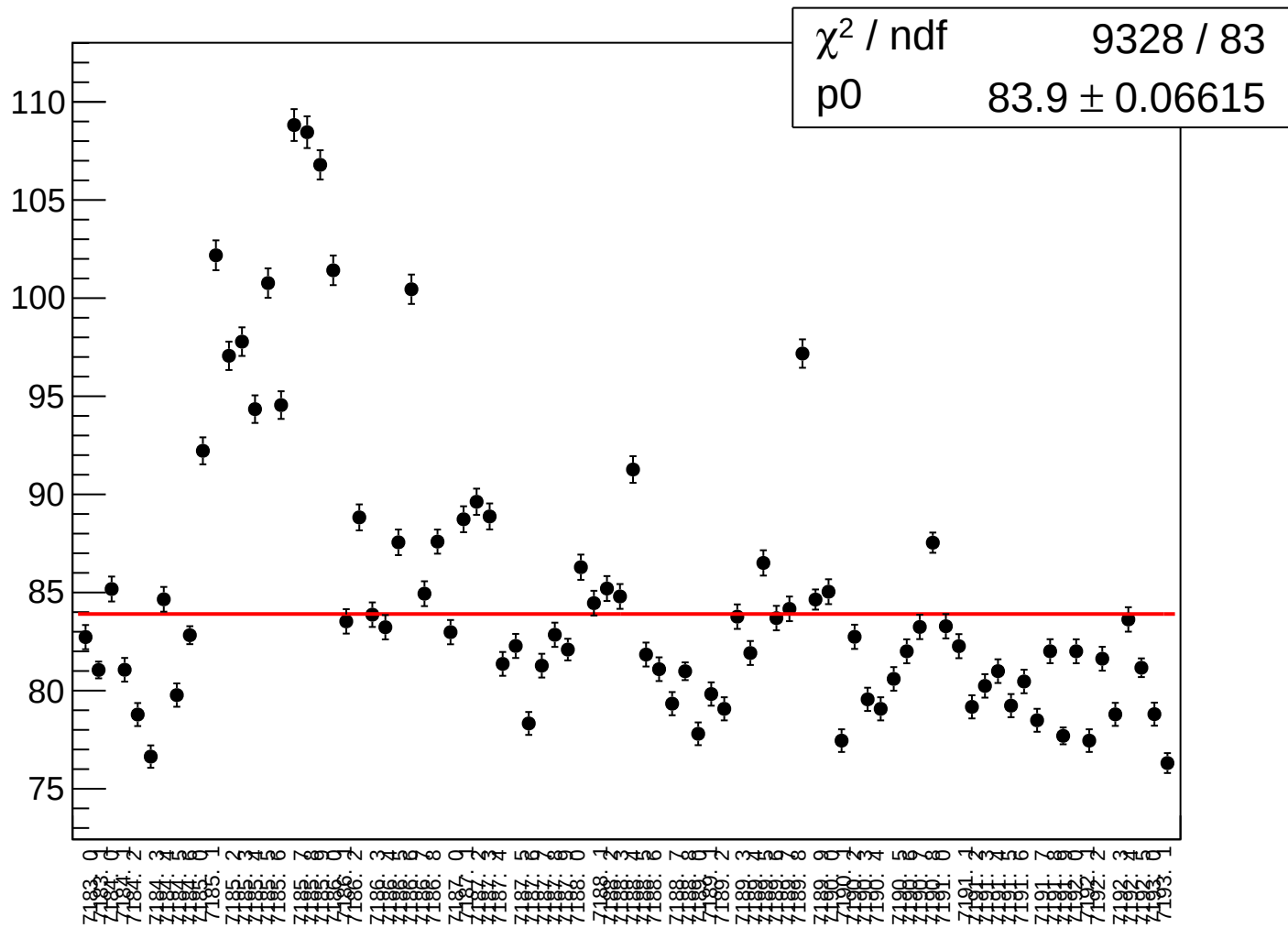
asym_sam_3748_avg_cor_correction_rms vs run



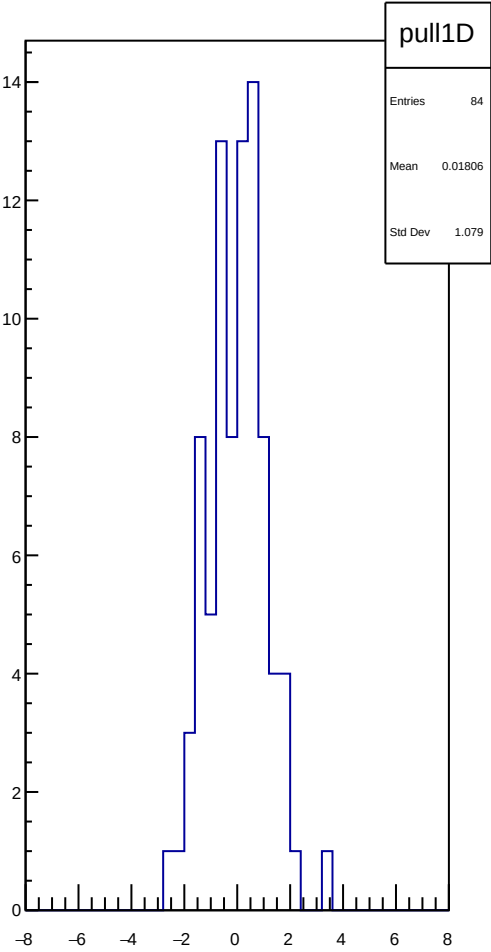
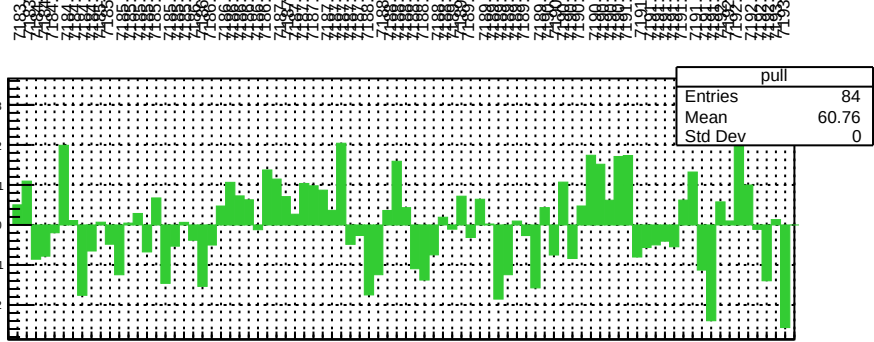
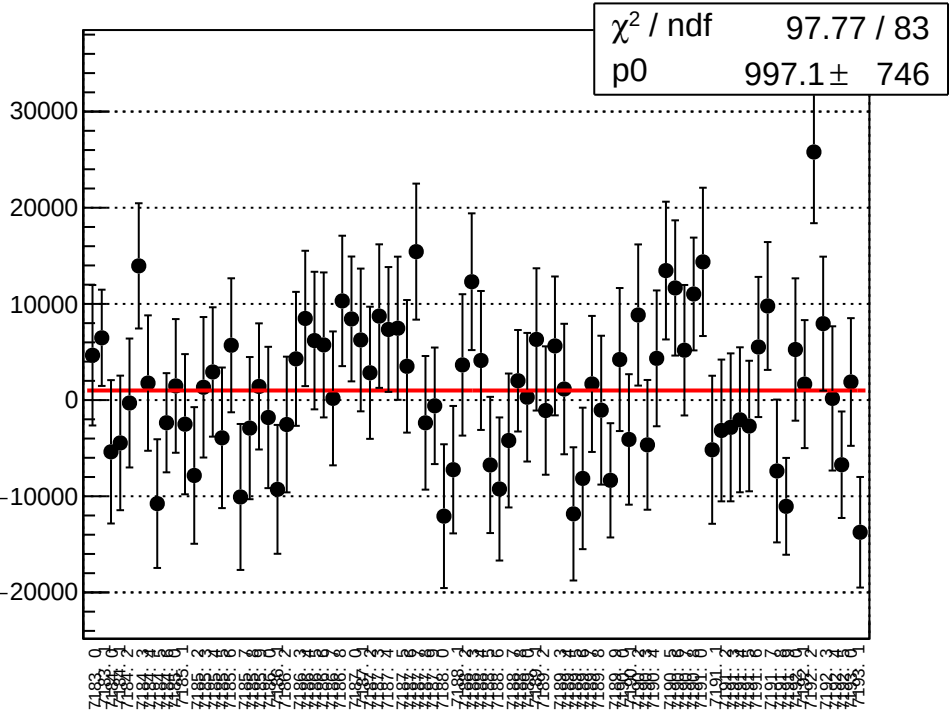
eigen_cor_asym_sam_3748_avg_mean vs run



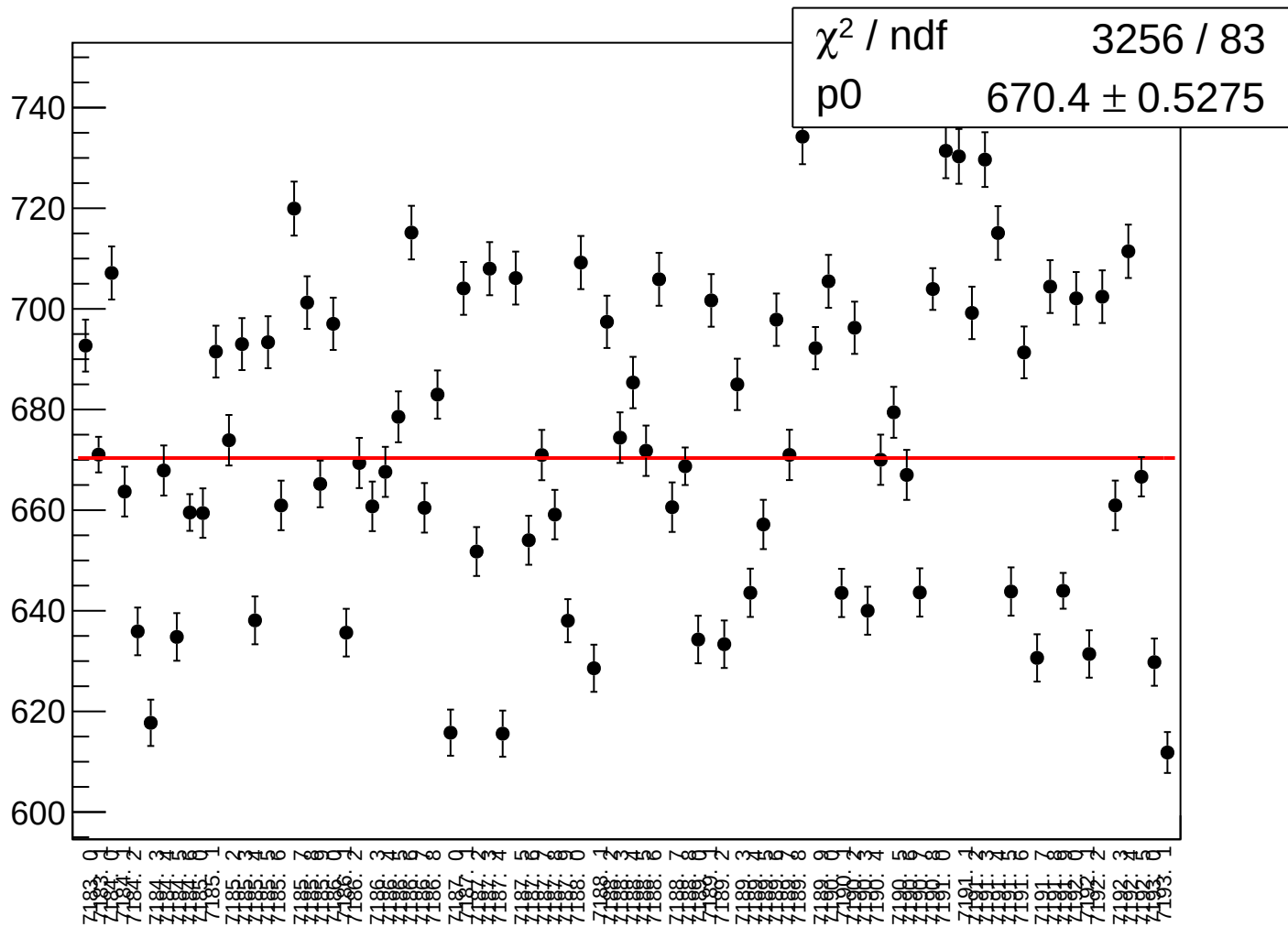
eigen_cor_asym_sam_3748_avg_rms vs run



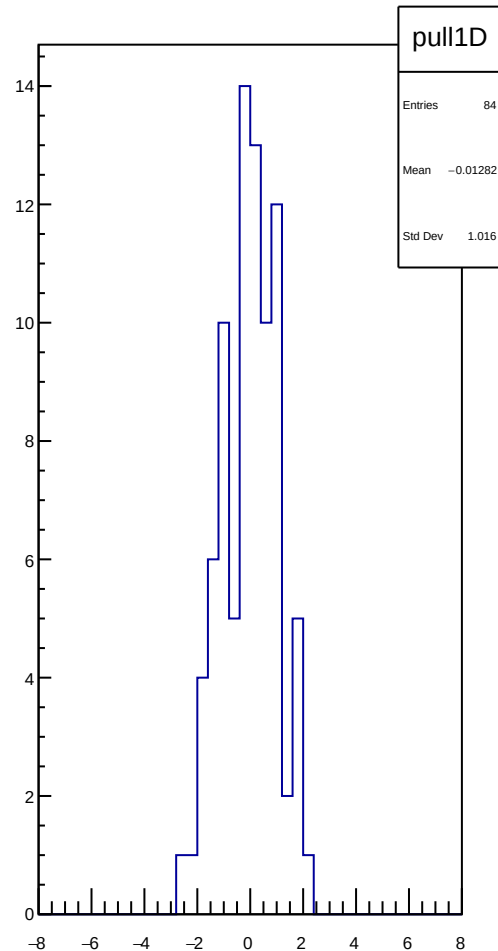
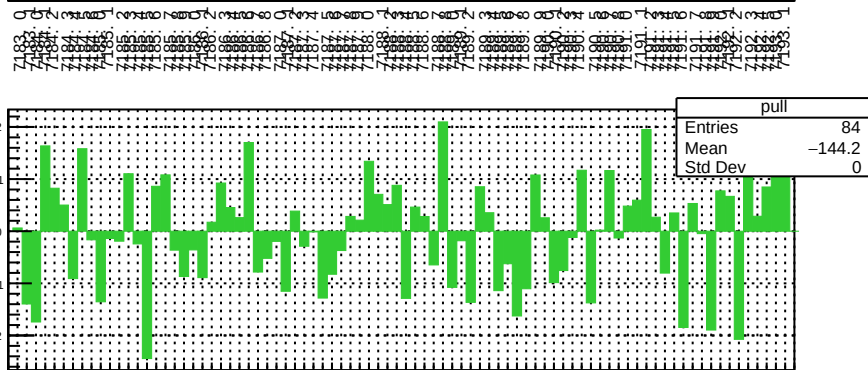
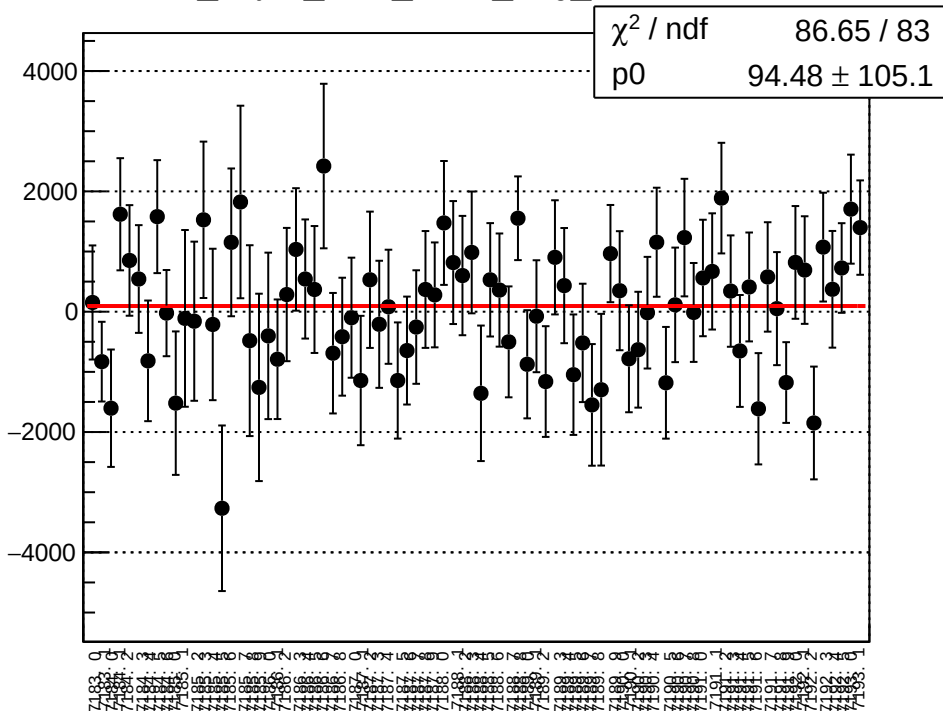
asym_sam_3748_avg_eigen_cor_correction_mean vs run



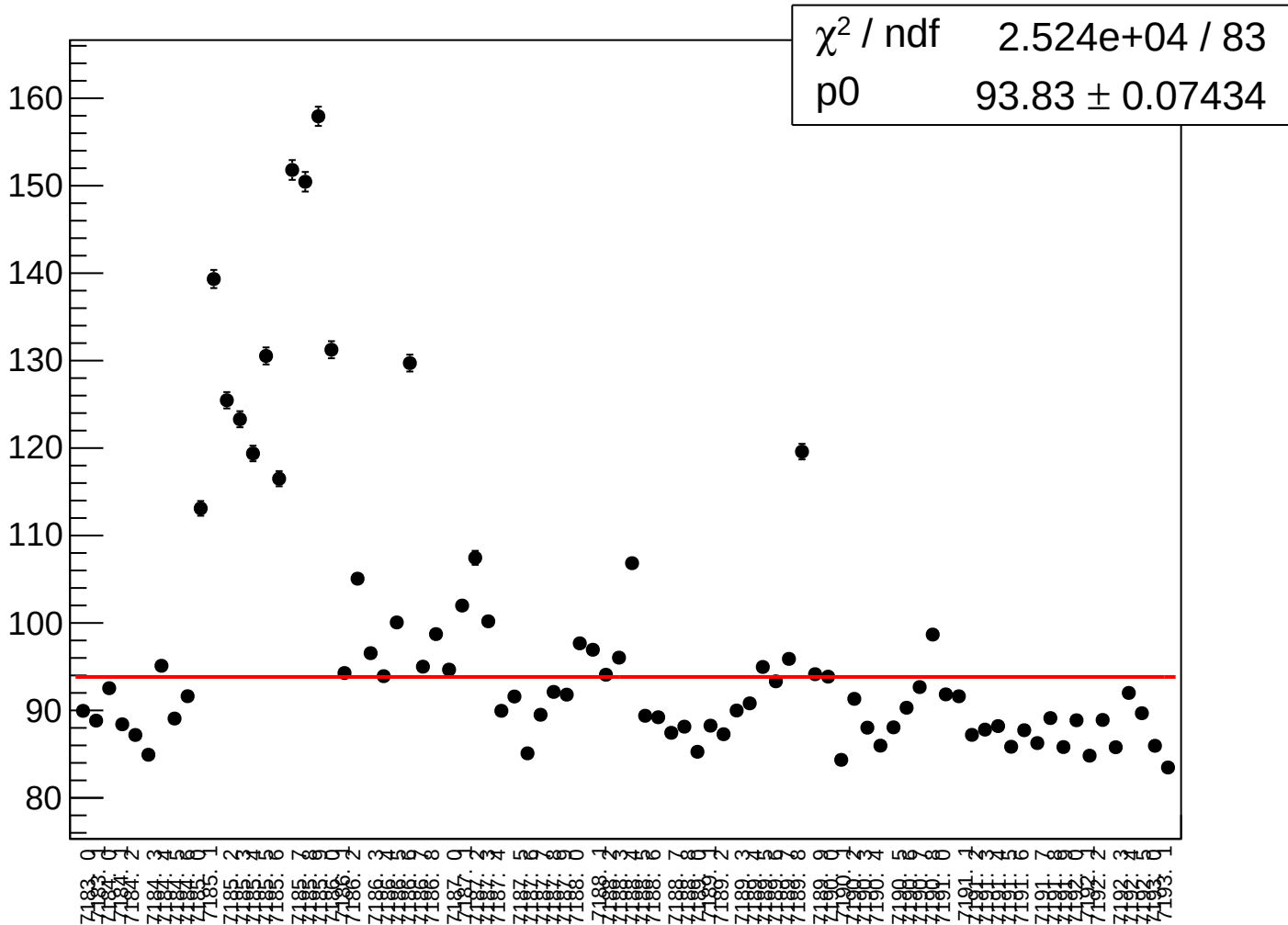
asym_sam_3748_avg_eigen_cor_correction_rms vs run



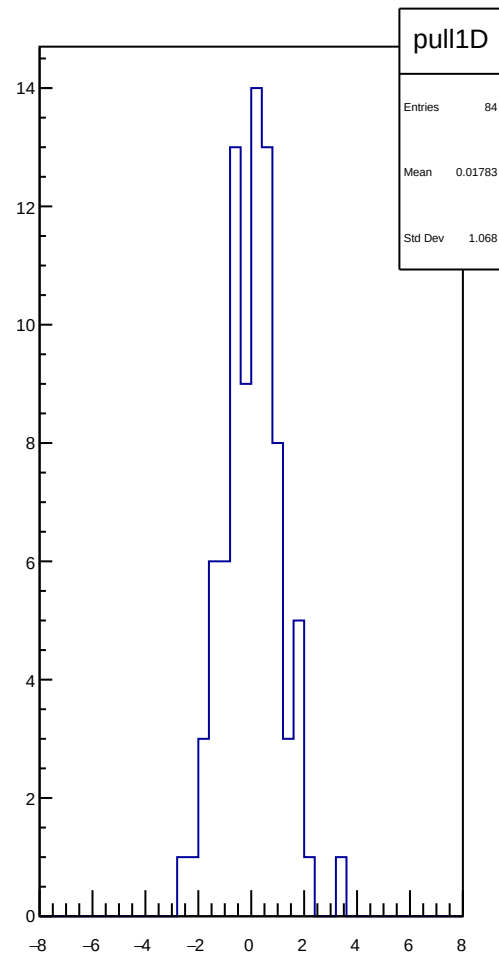
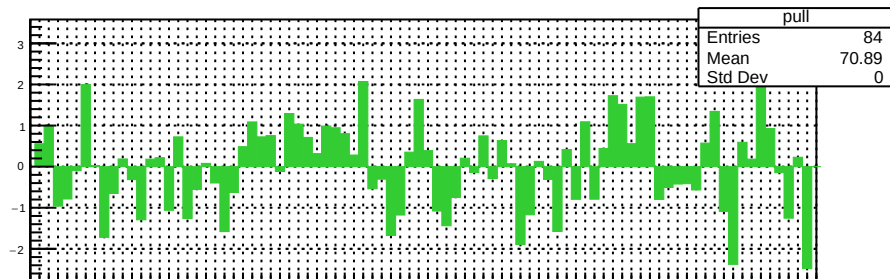
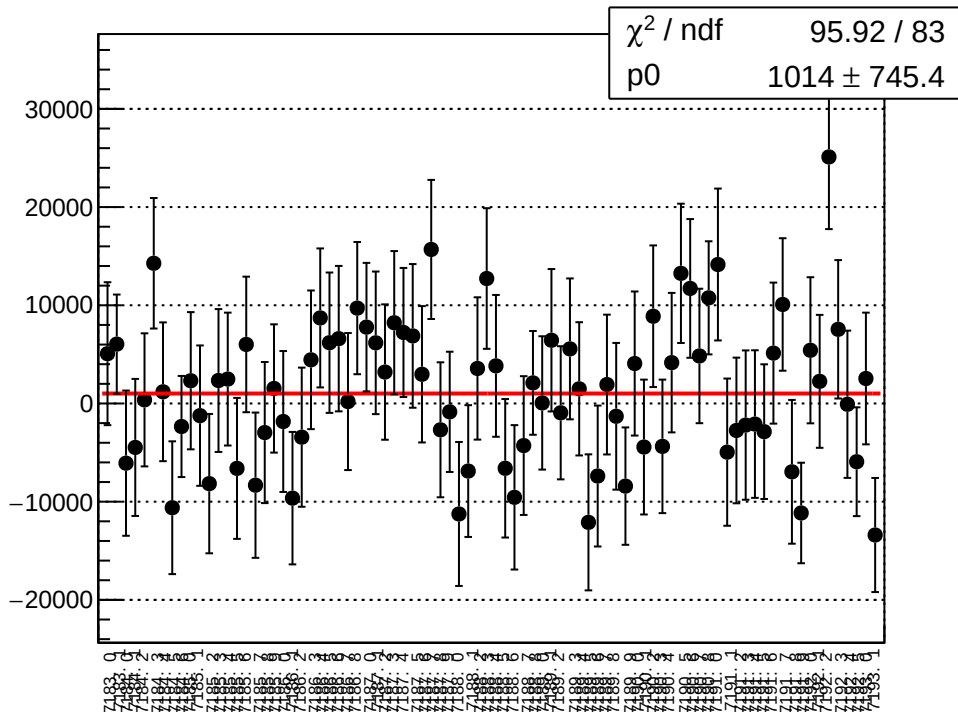
dit_asym_sam_3748_avg_mean vs run



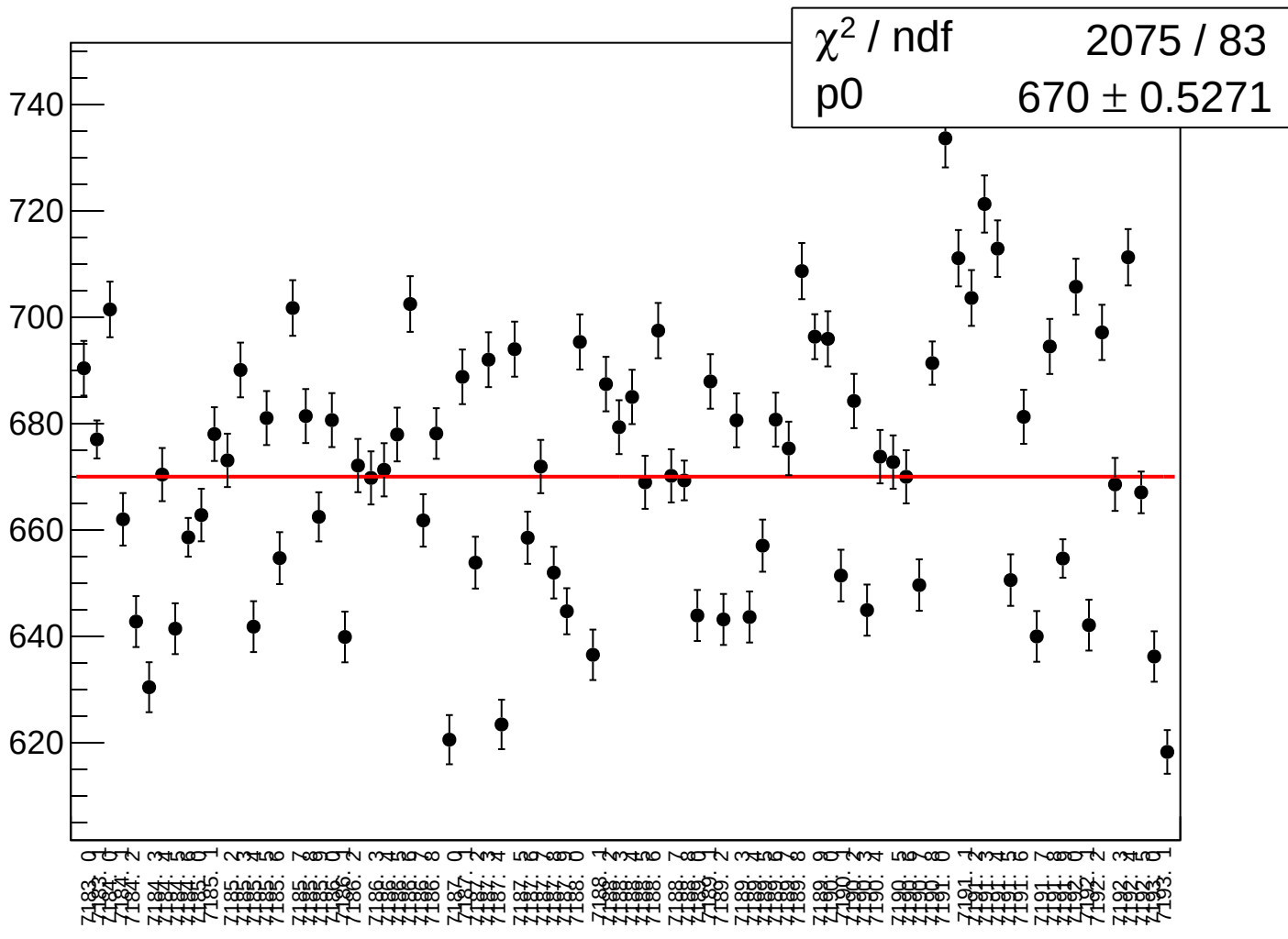
dit_asym_sam_3748_avg_rms vs run



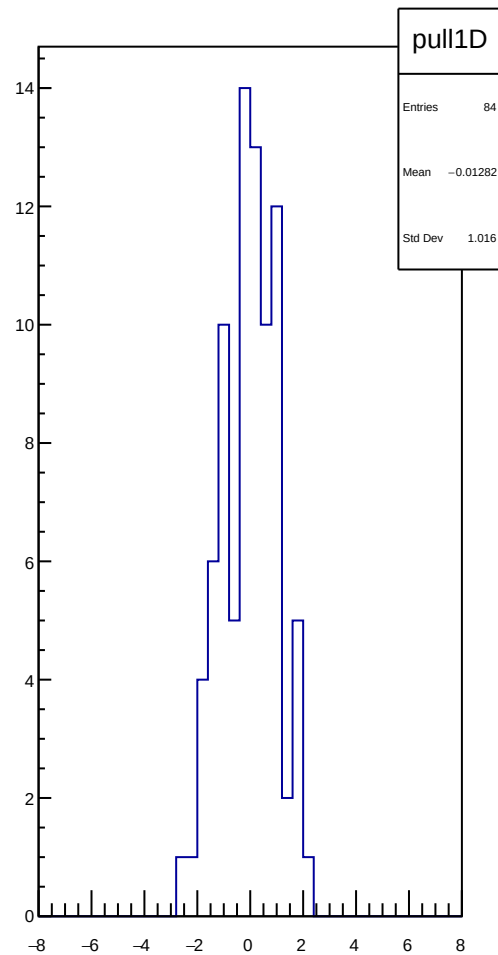
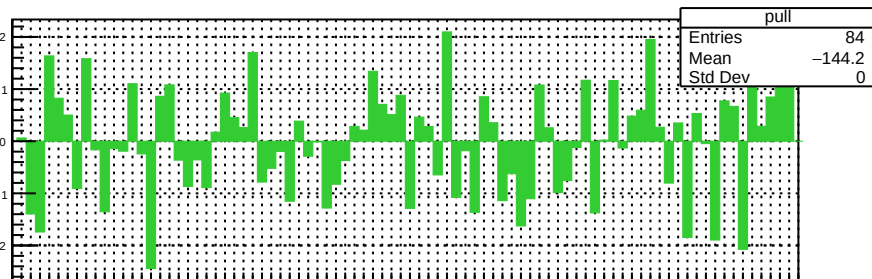
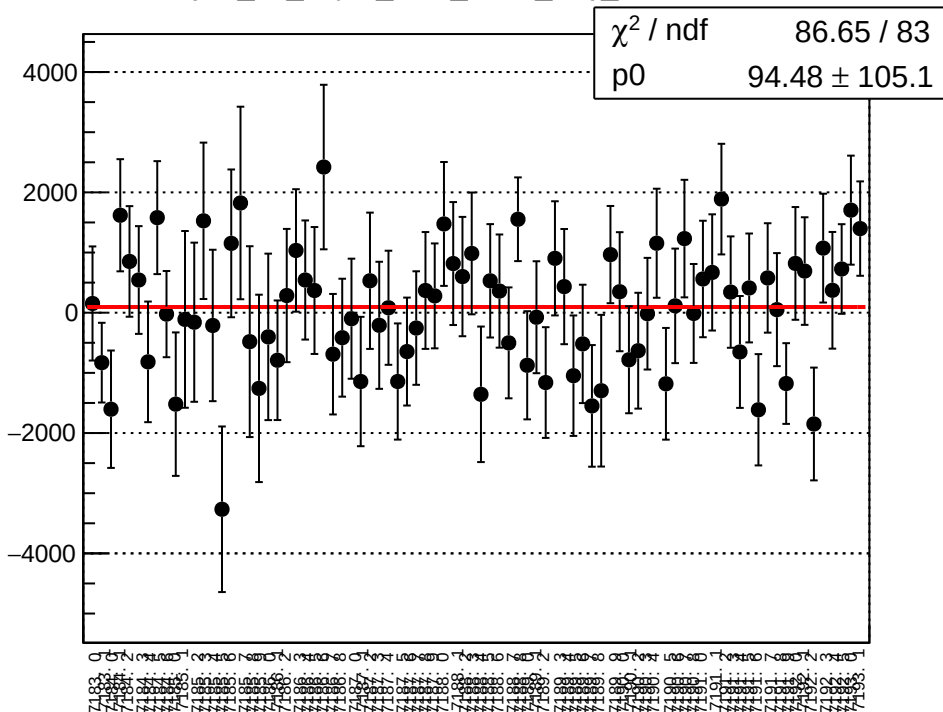
asym_sam_3748_avg_dit_correction_mean vs run



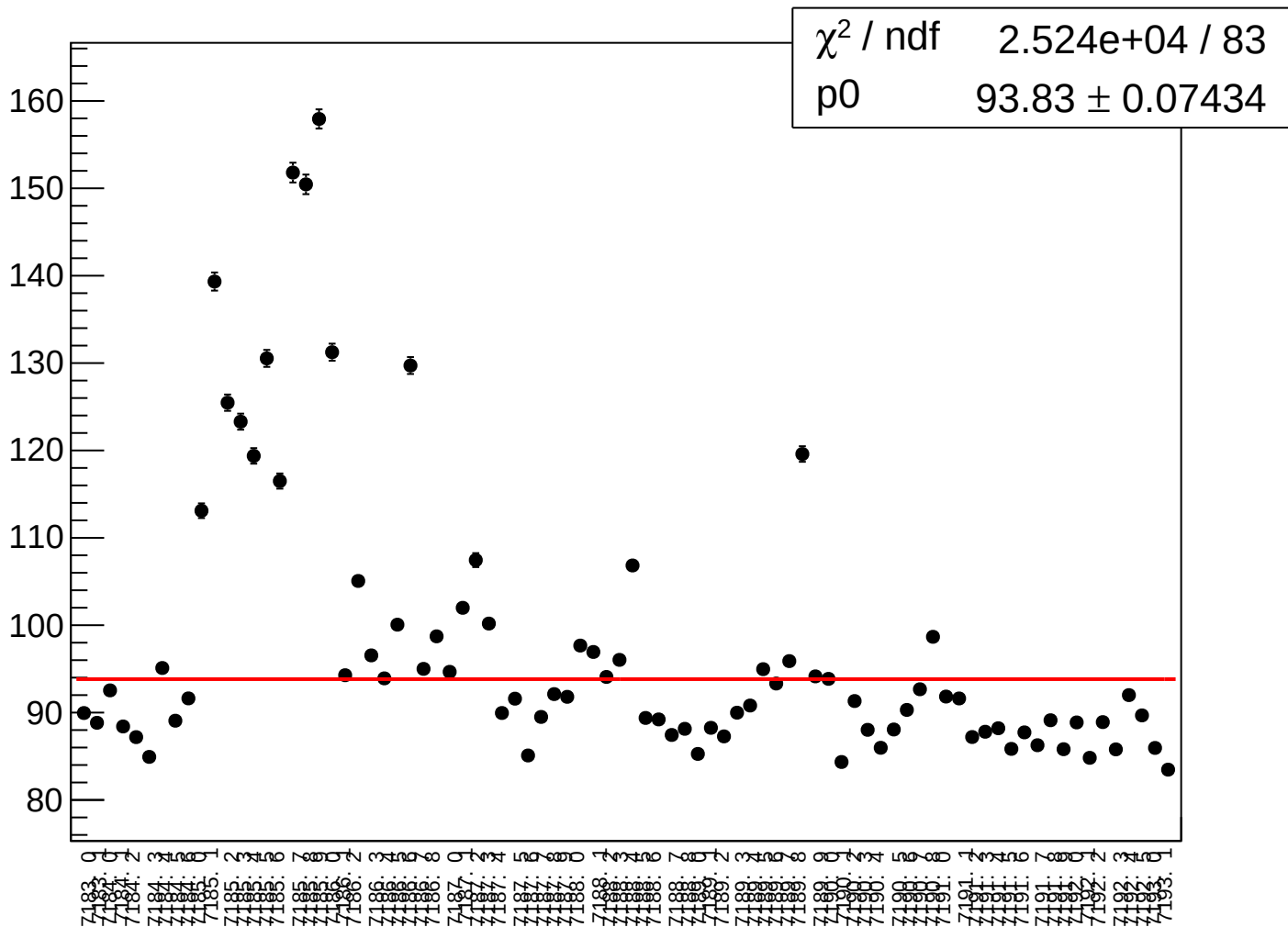
asym_sam_3748_avg_dit_correction_rms vs run



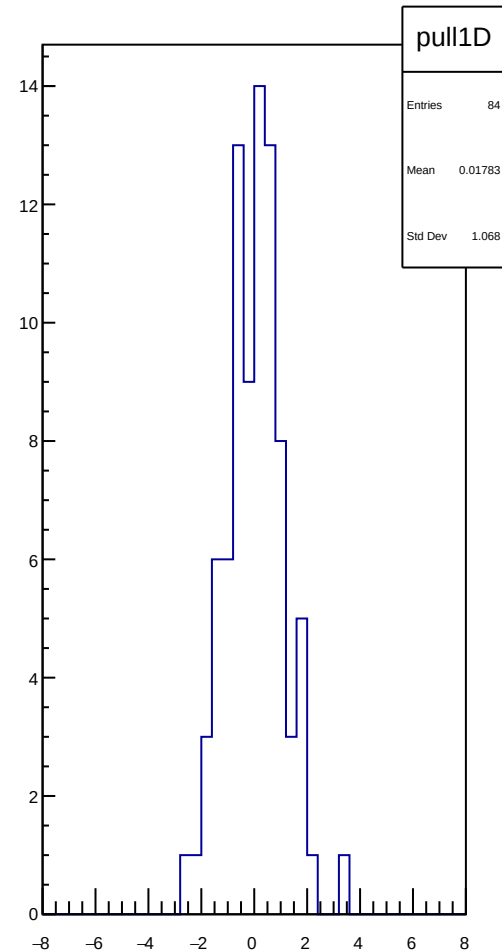
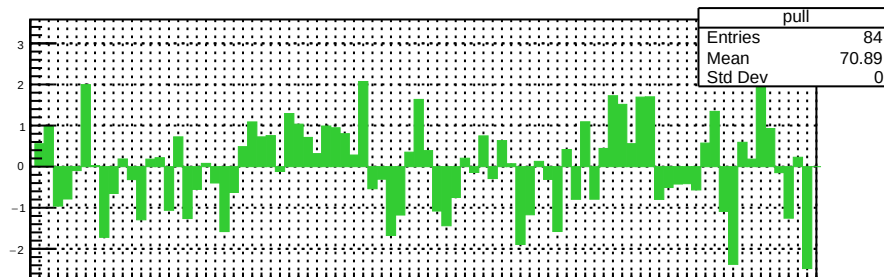
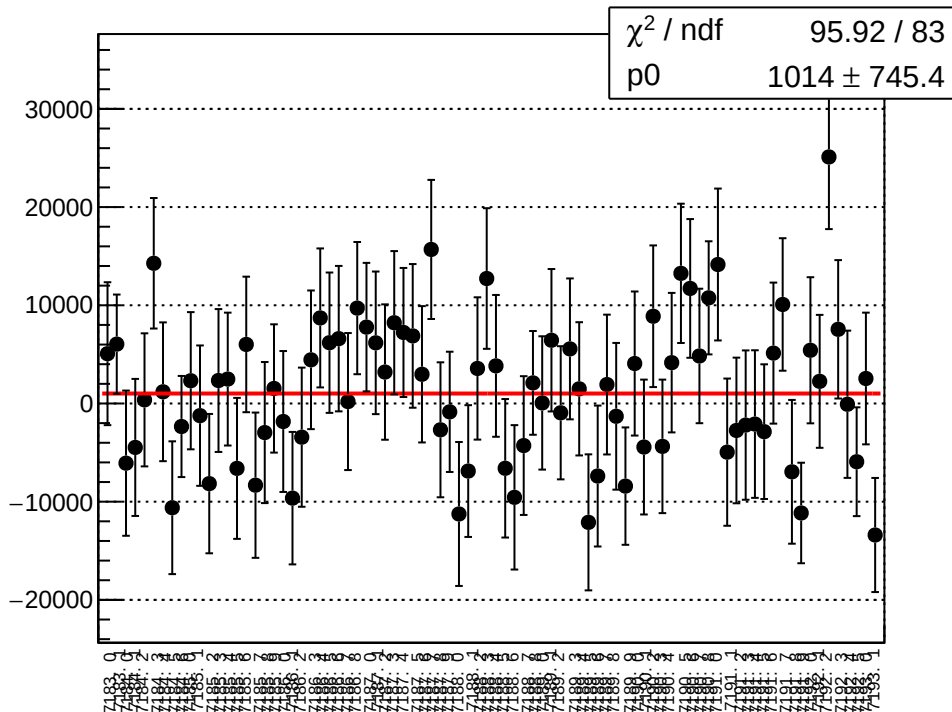
eigen_dit_asym_sam_3748_avg_mean vs run



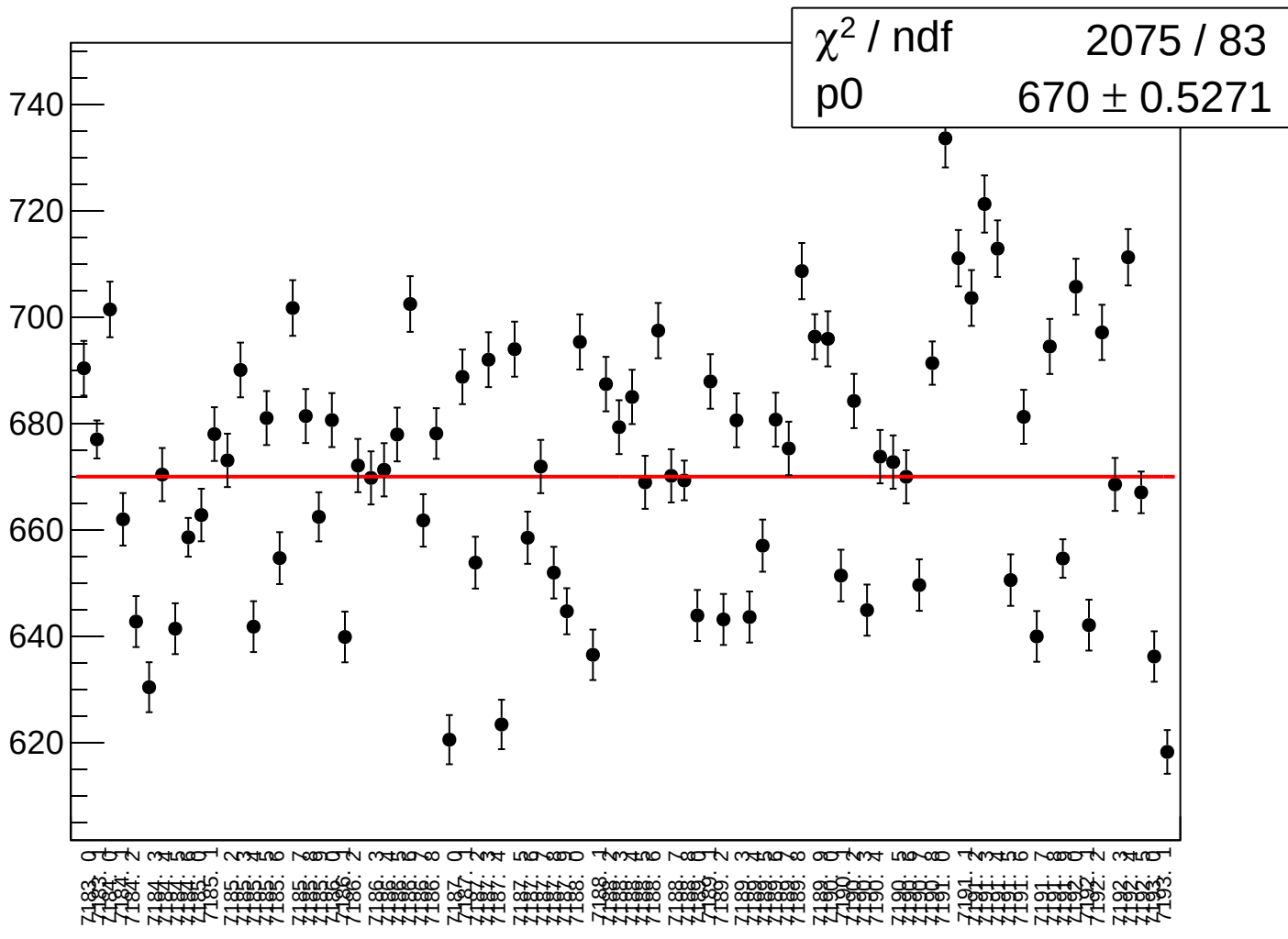
eigen_dit_asym_sam_3748_avg_rms vs run



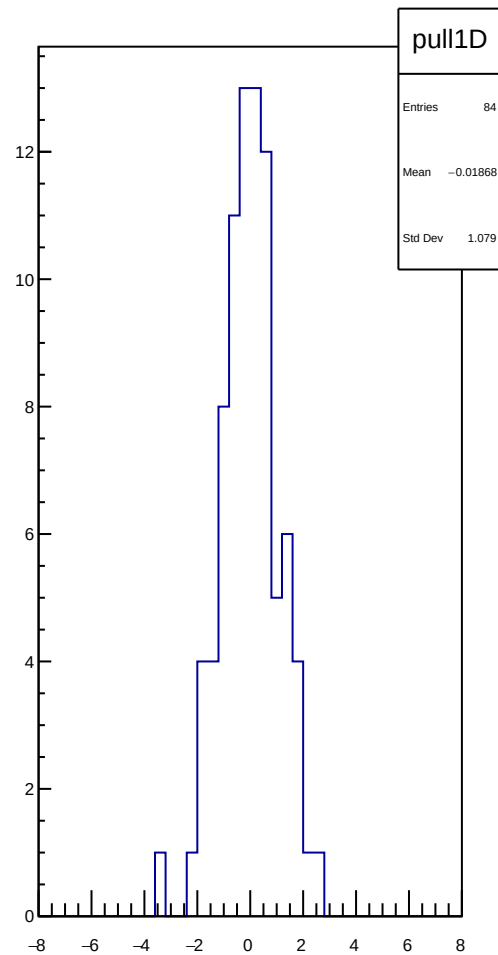
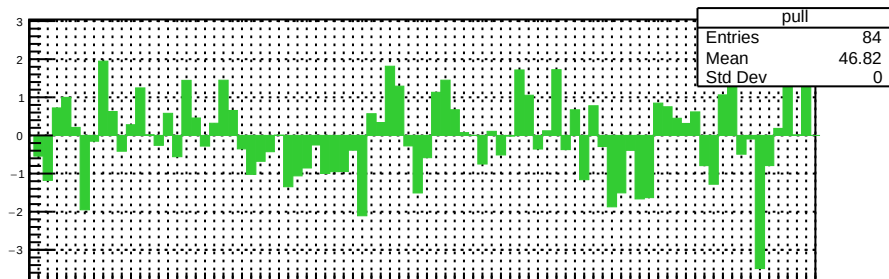
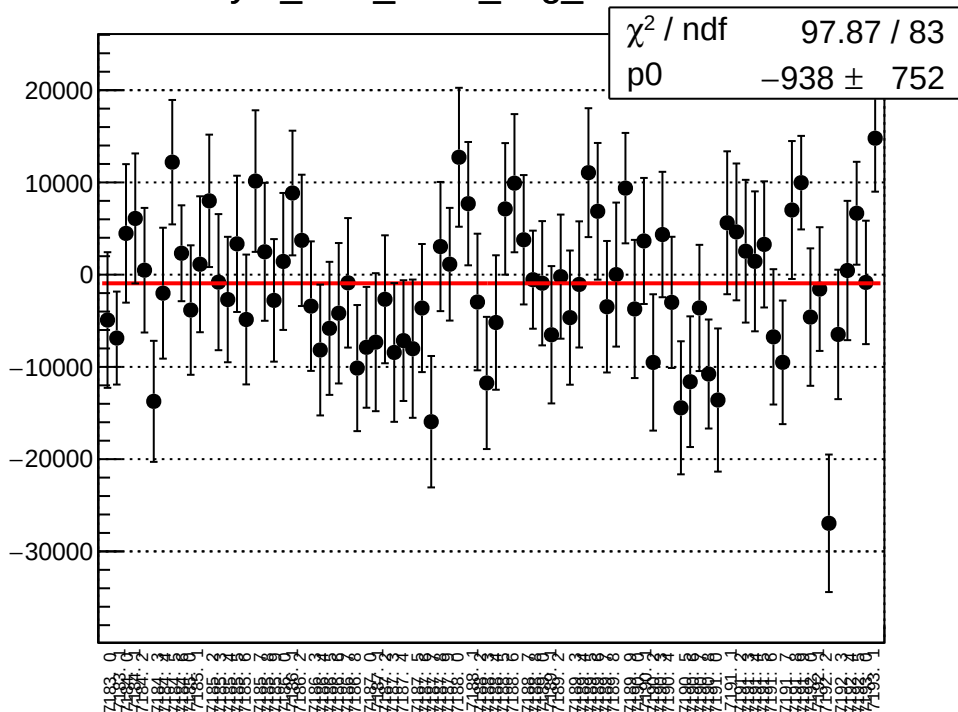
asym_sam_3748_avg_eigen_dit_correction_mean vs run



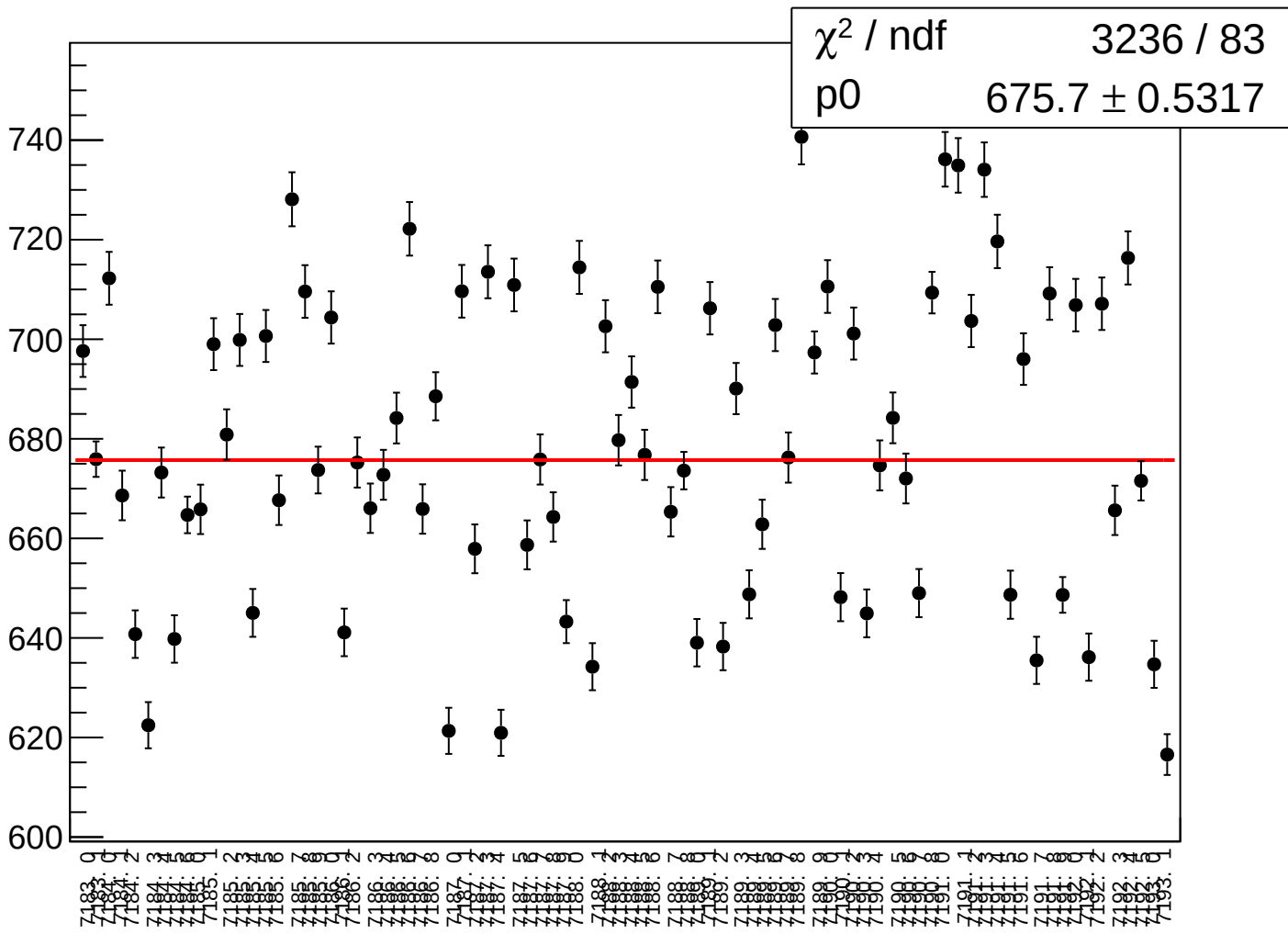
asym_sam_3748_avg_eigen_dit_correction_rms vs run



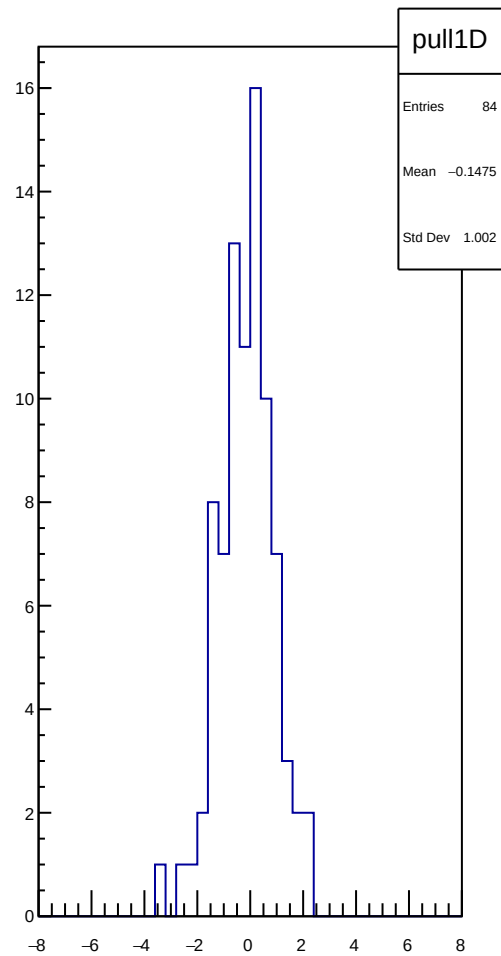
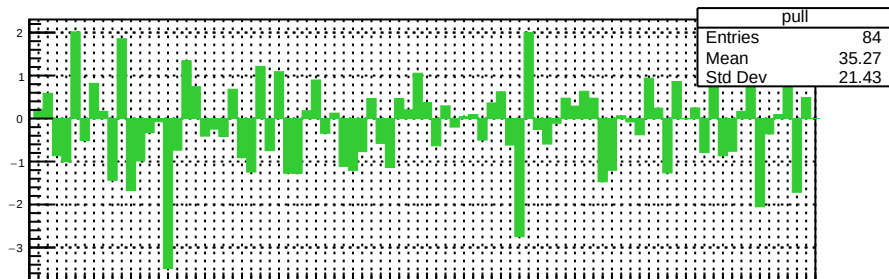
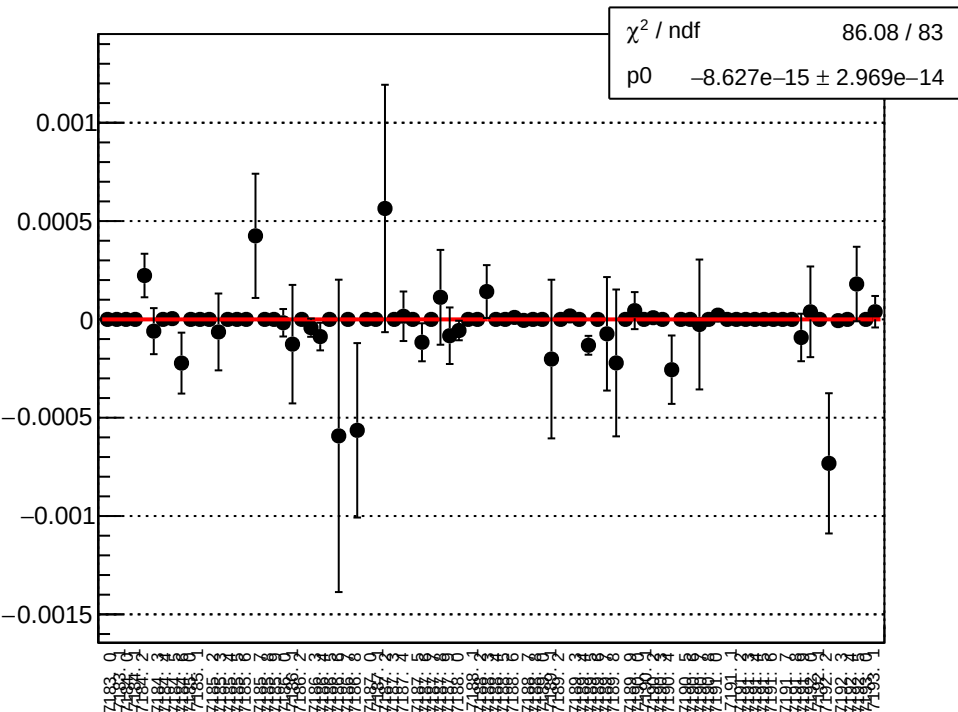
asym_sam_3748_avg_mean vs run



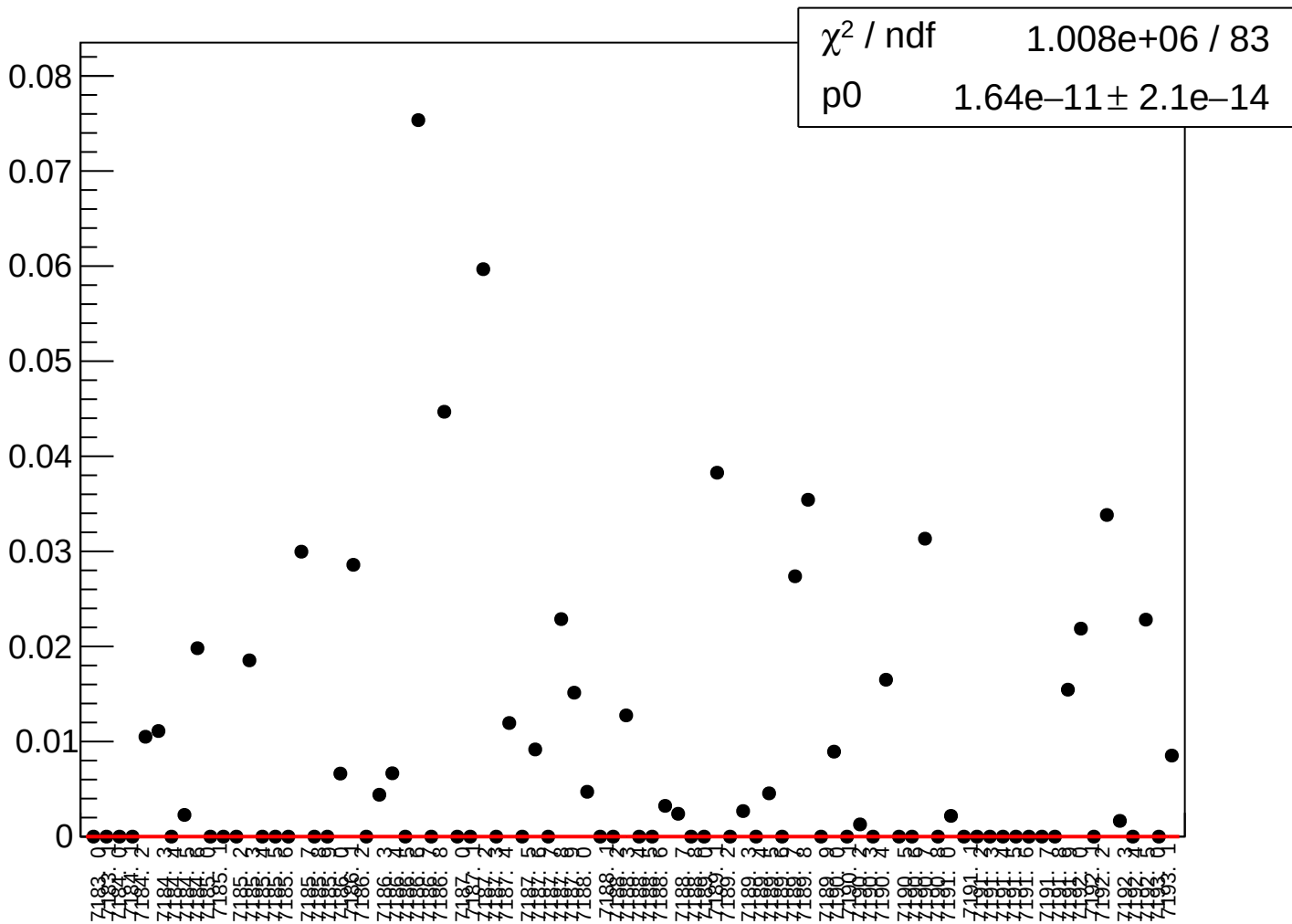
asym_sam_3748_avg_rms vs run



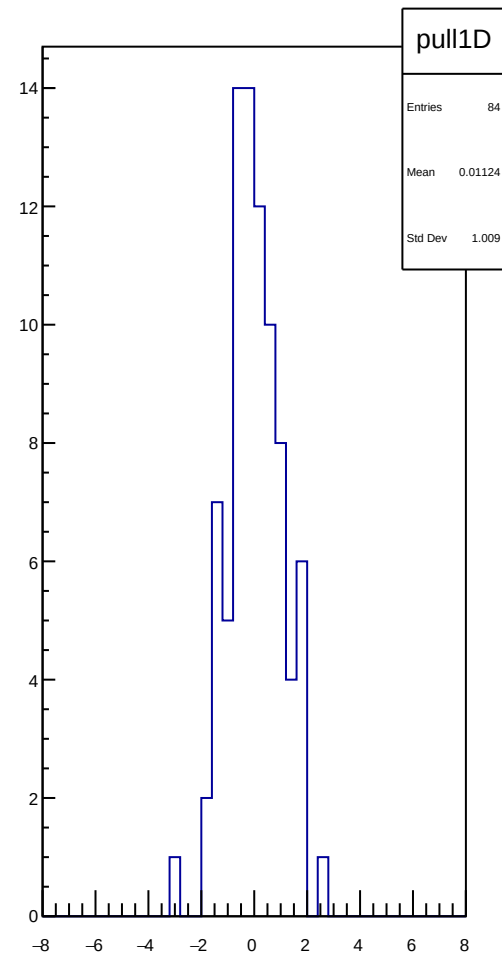
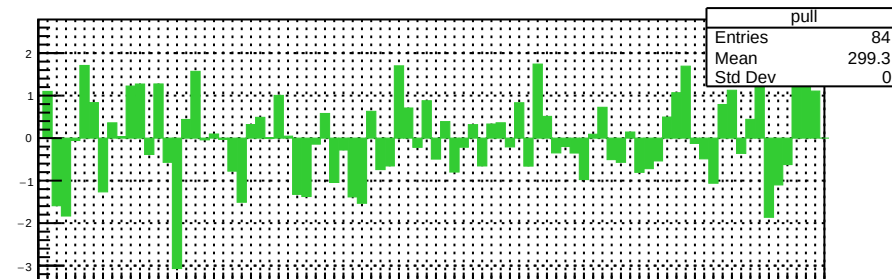
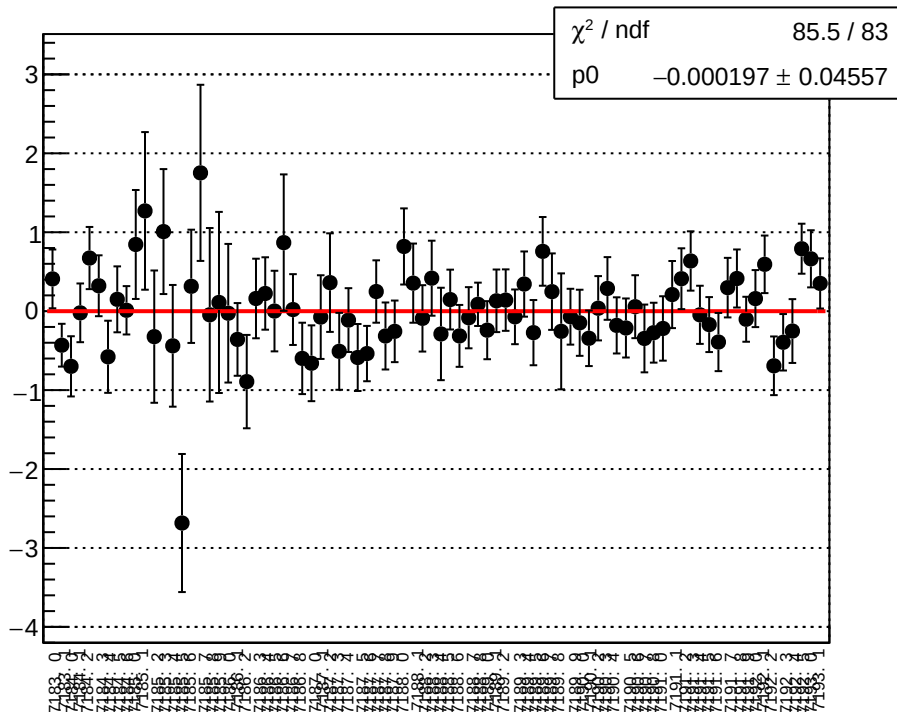
asym_sam_3748_avg_reg_vs_cor_diff_mean vs run



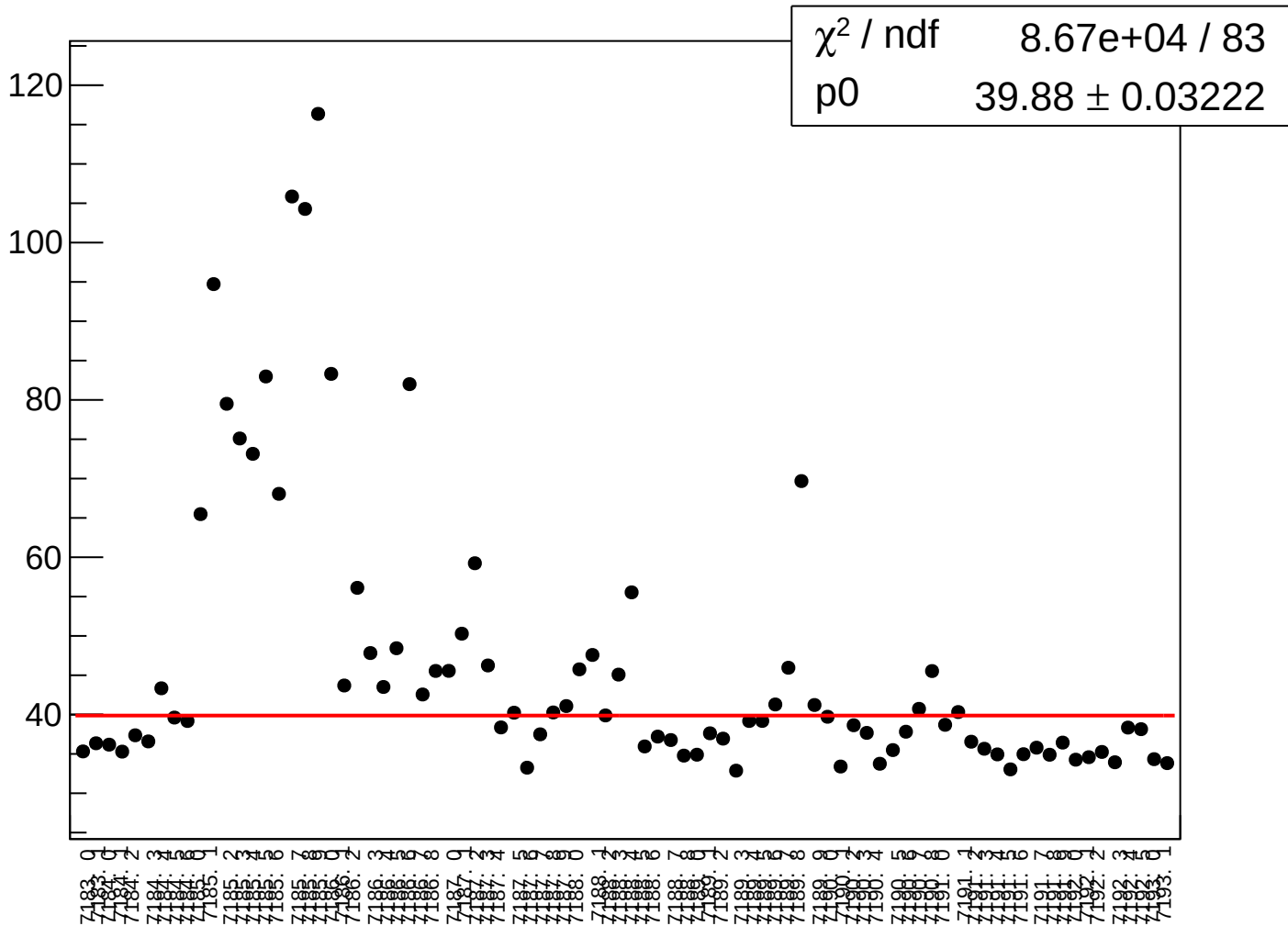
asym_sam_3748_avg_reg_vs_cor_diff_rms vs run



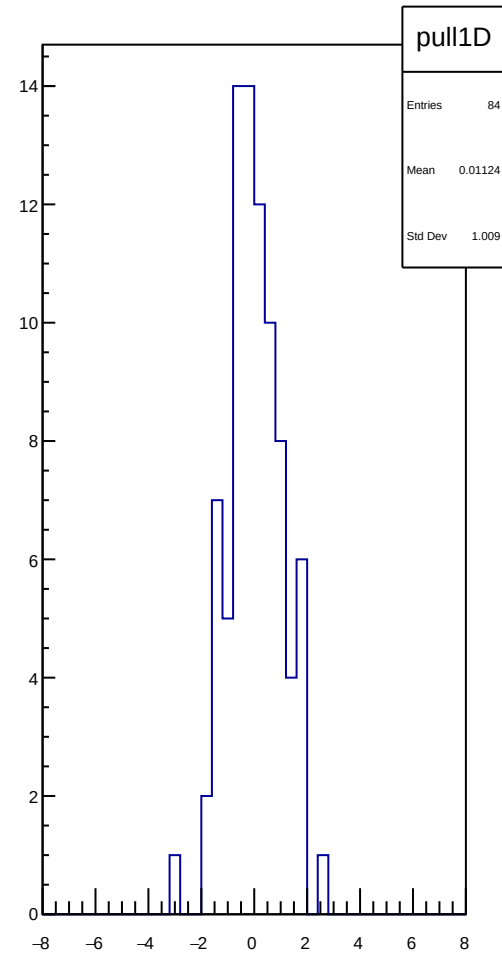
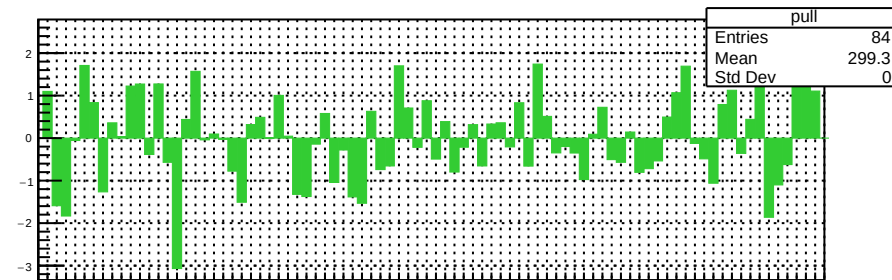
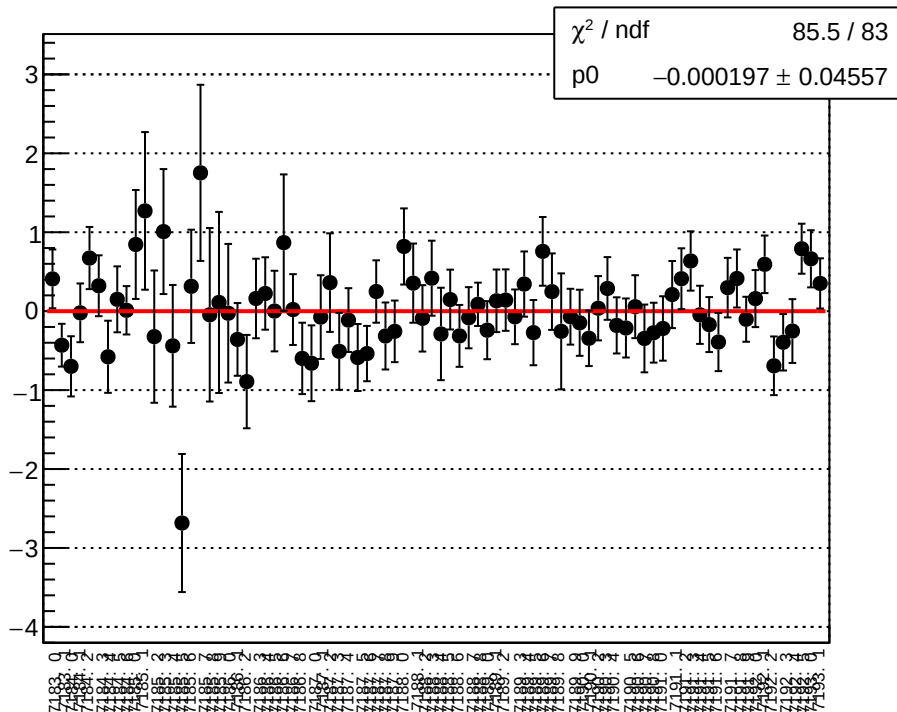
asym_sam_3748_avg_dit_vs_cor_diff_mean vs run



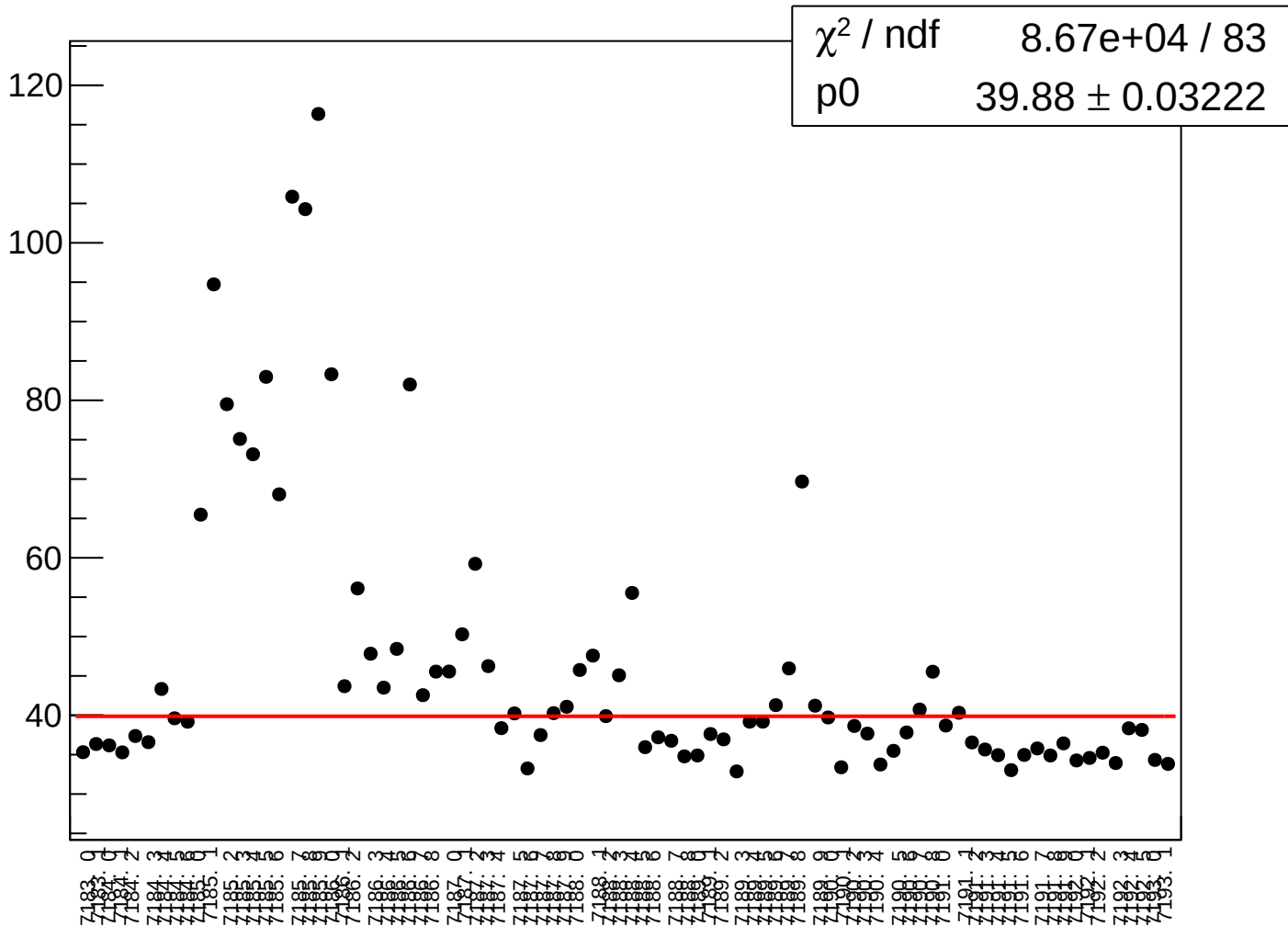
asym_sam_3748_avg_dit_vs_cor_diff_rms vs run



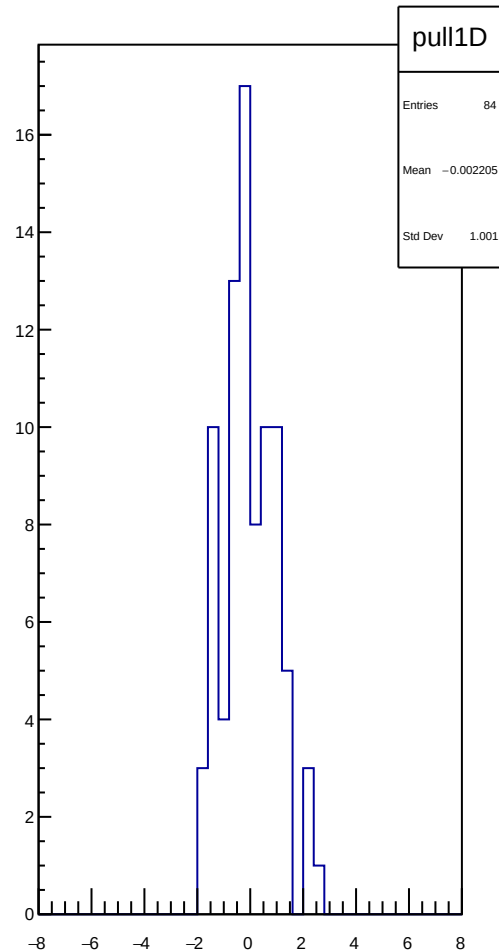
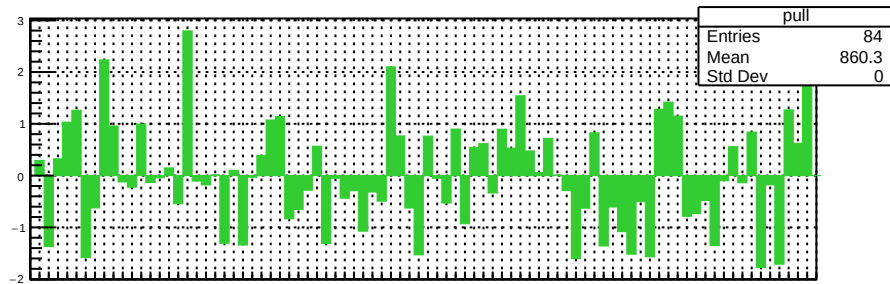
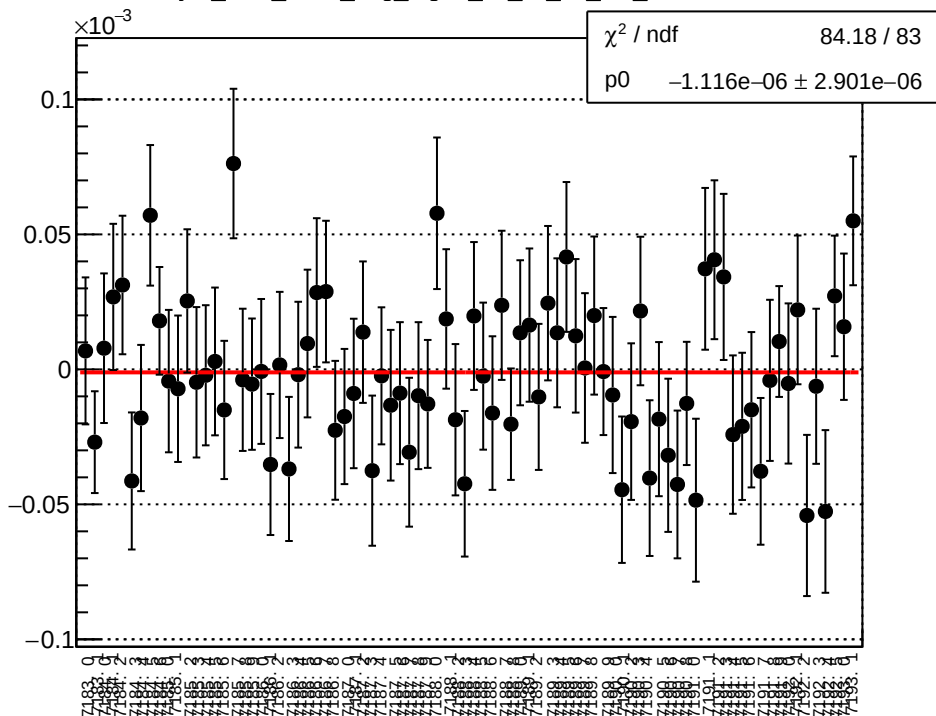
asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs run



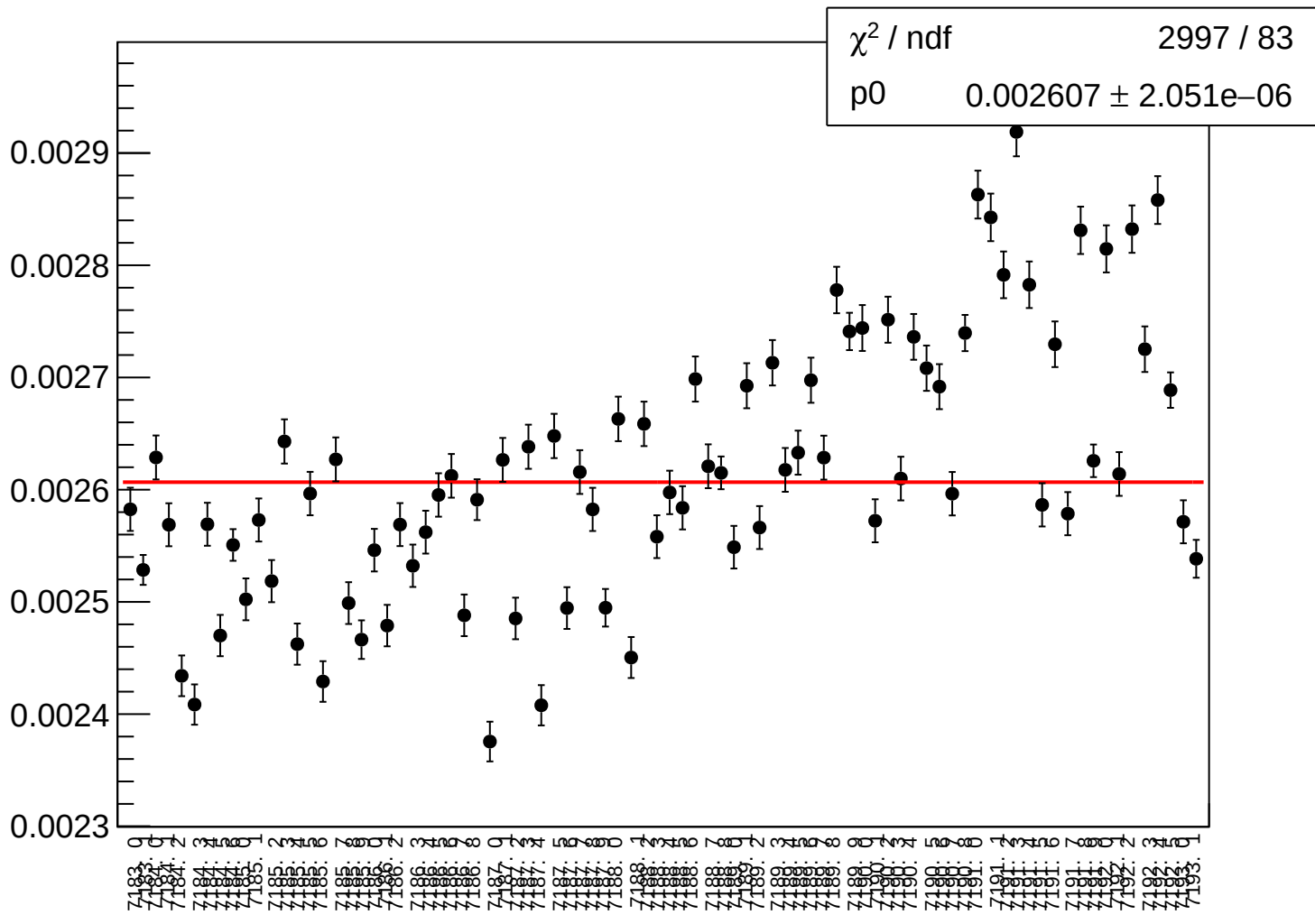
asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs run



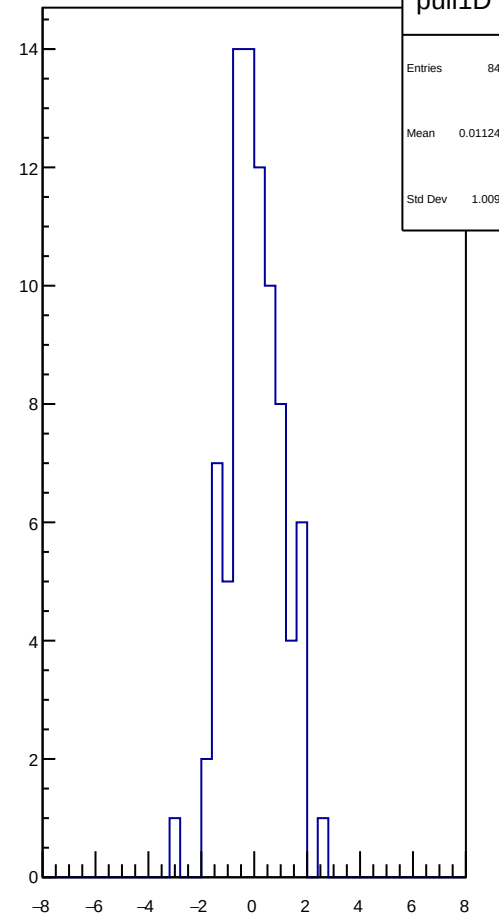
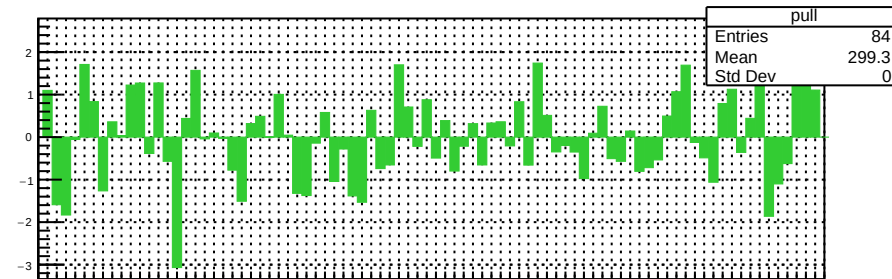
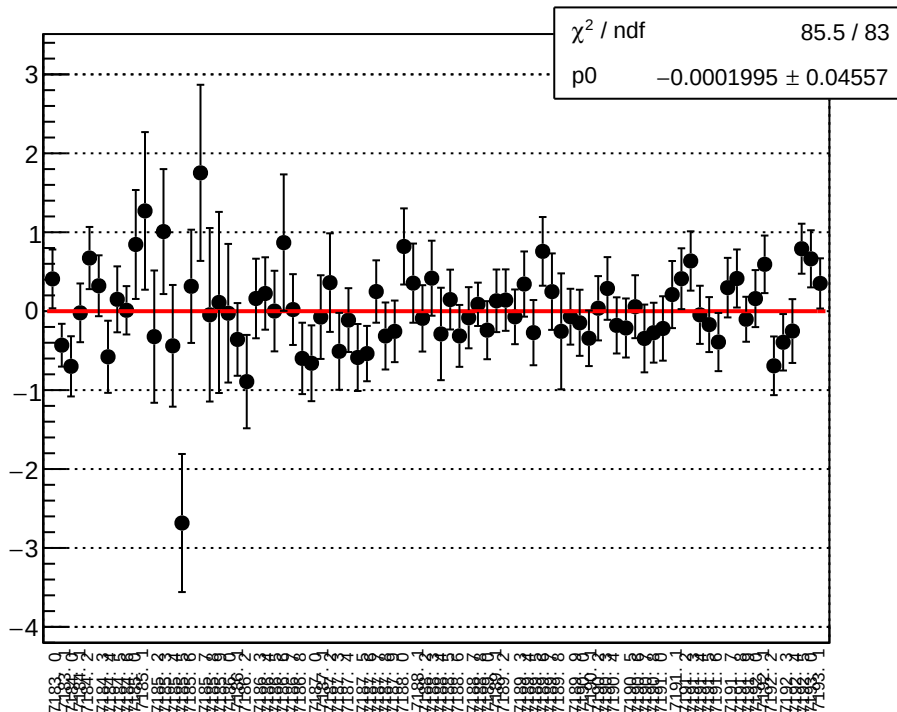
asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs run



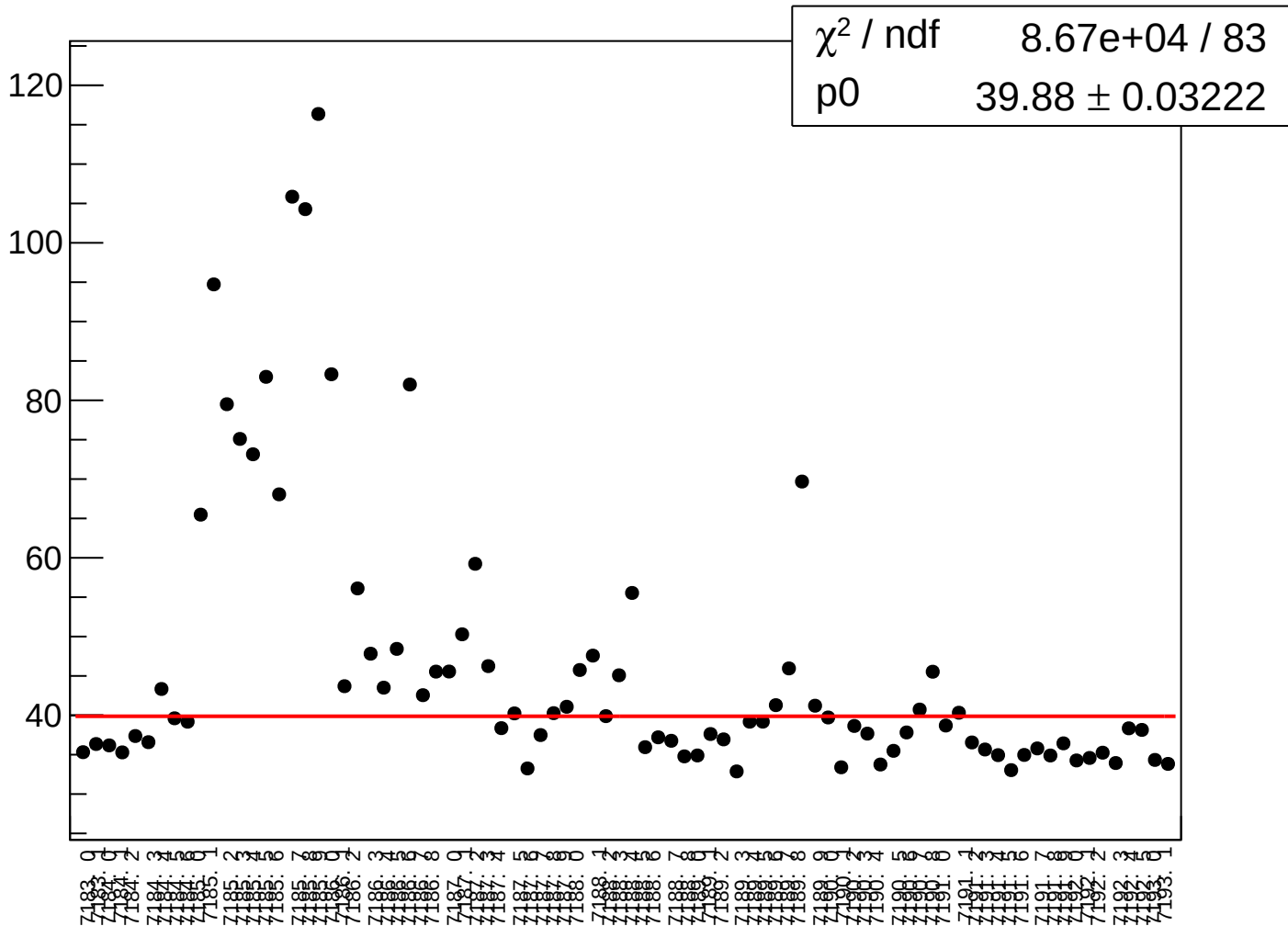
asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs run



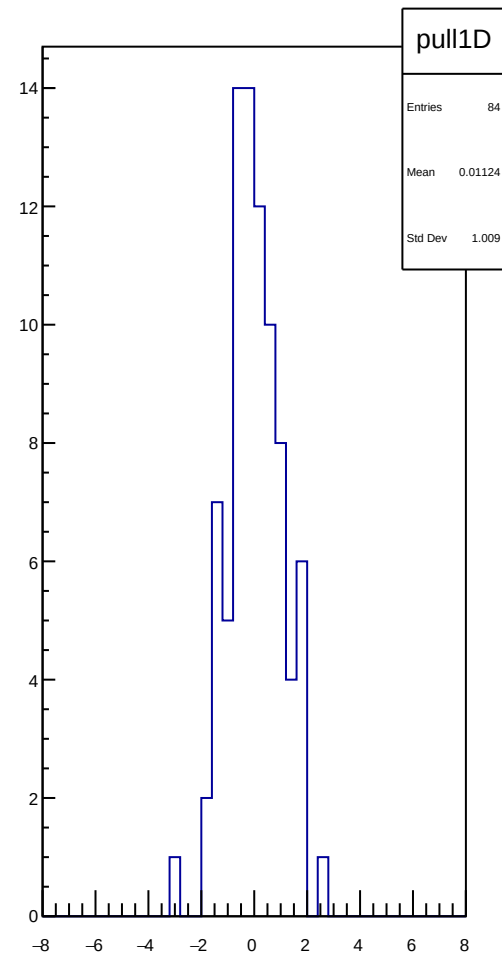
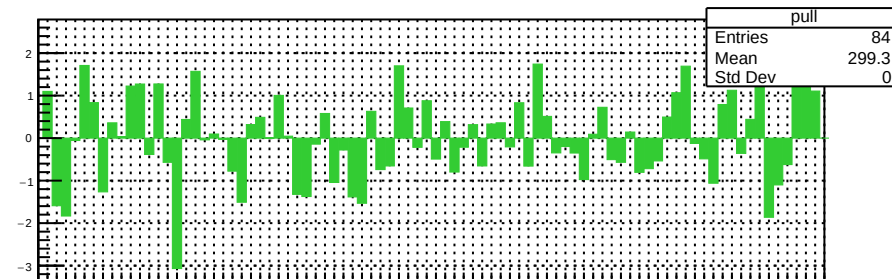
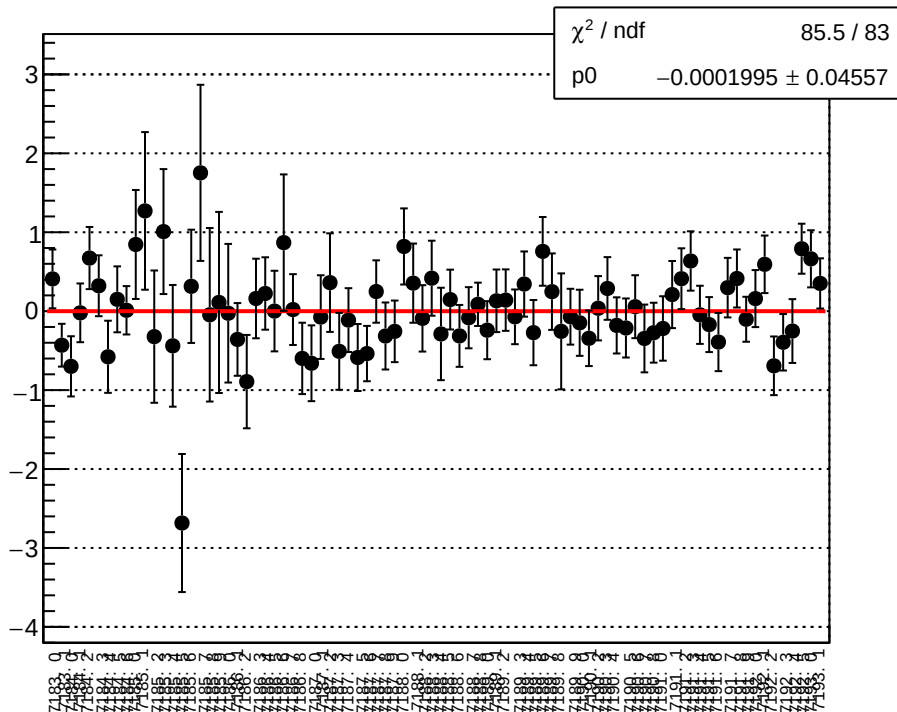
asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs run



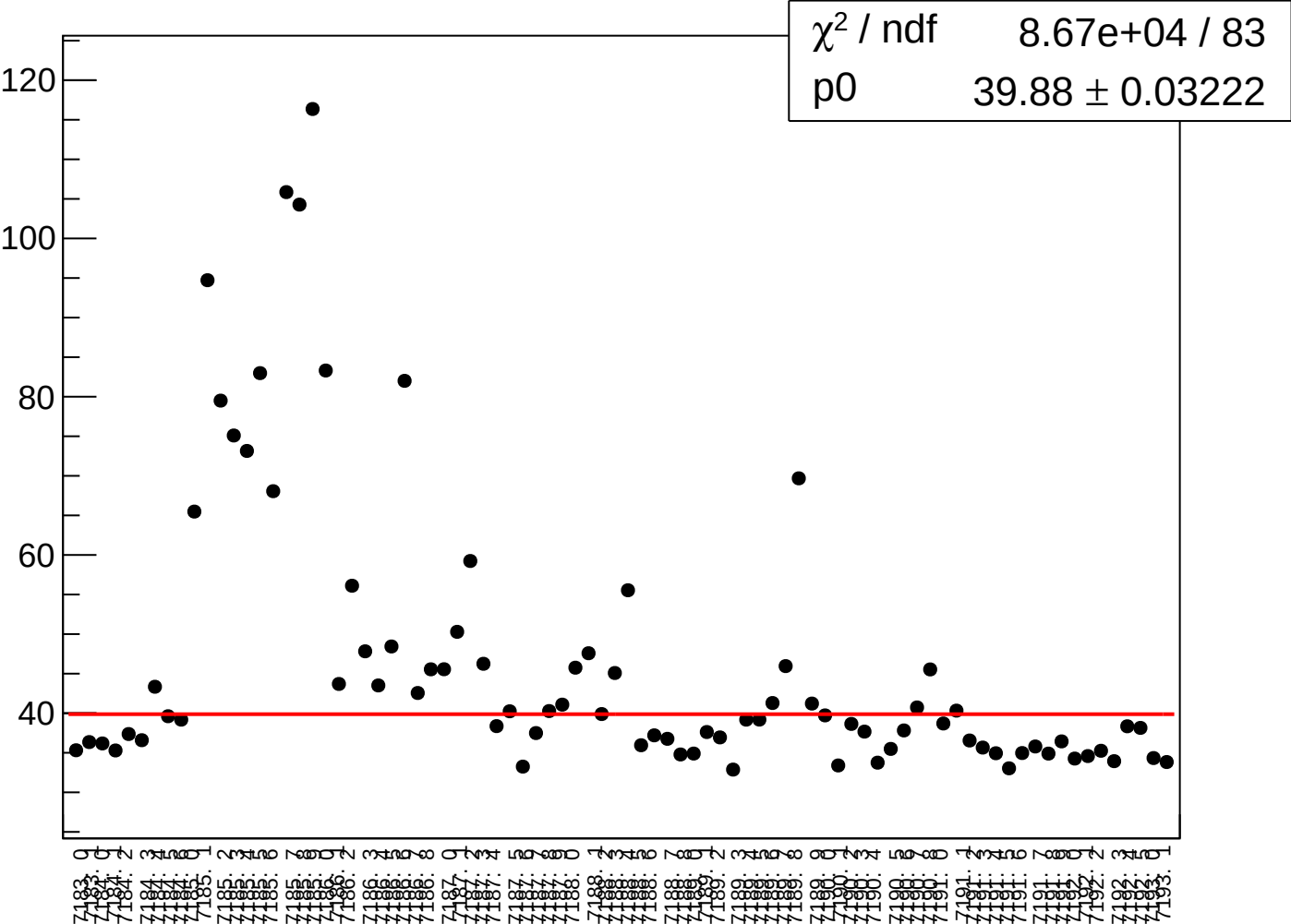
asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs run



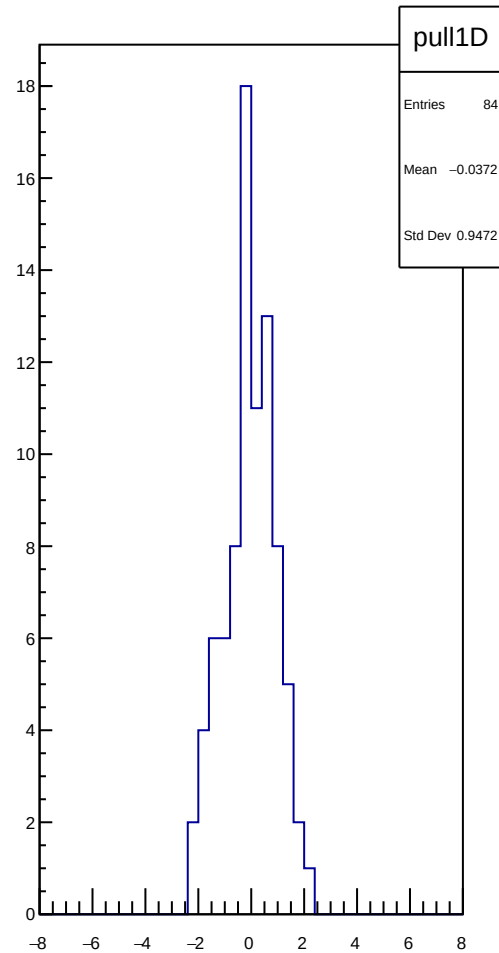
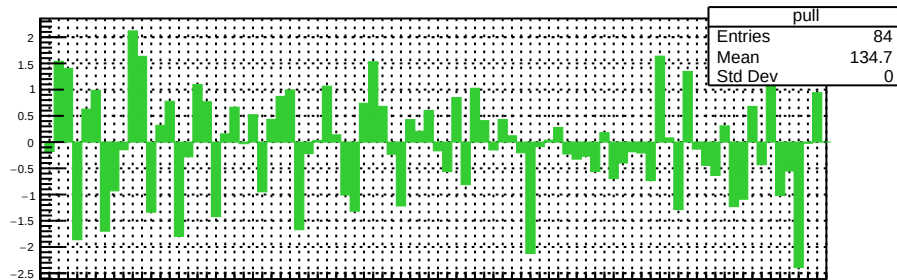
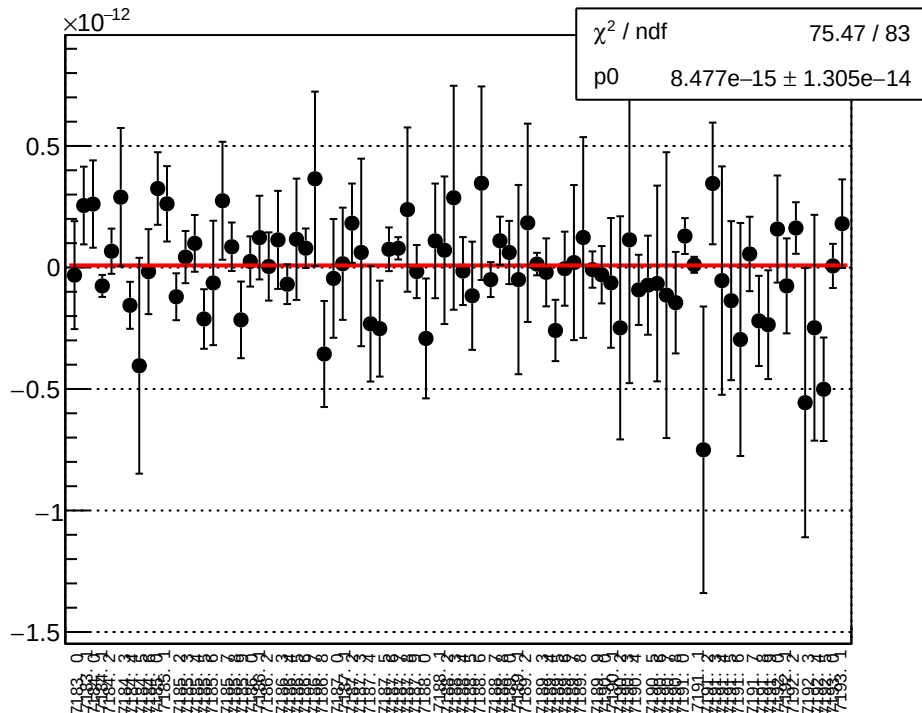
asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



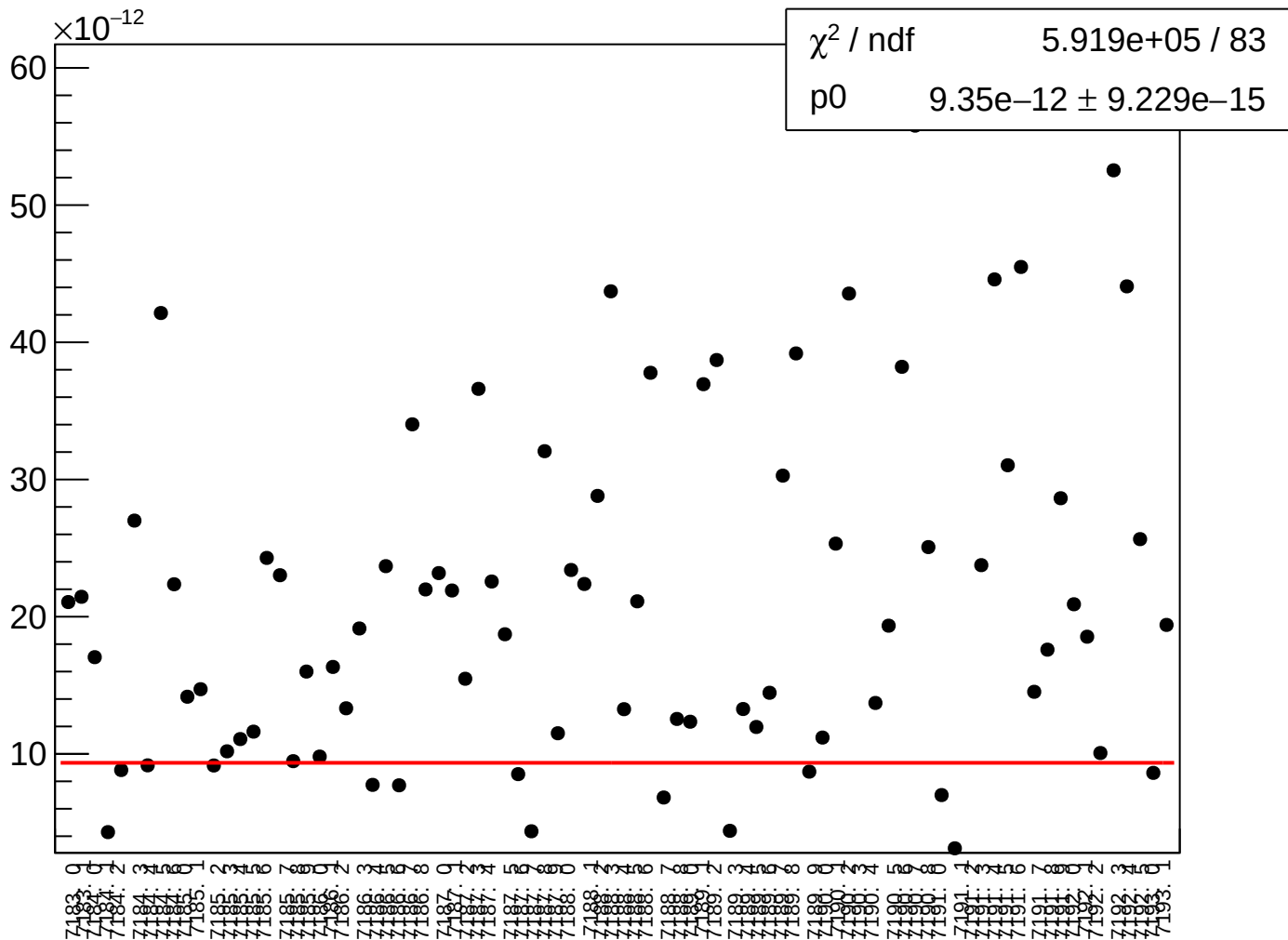
asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



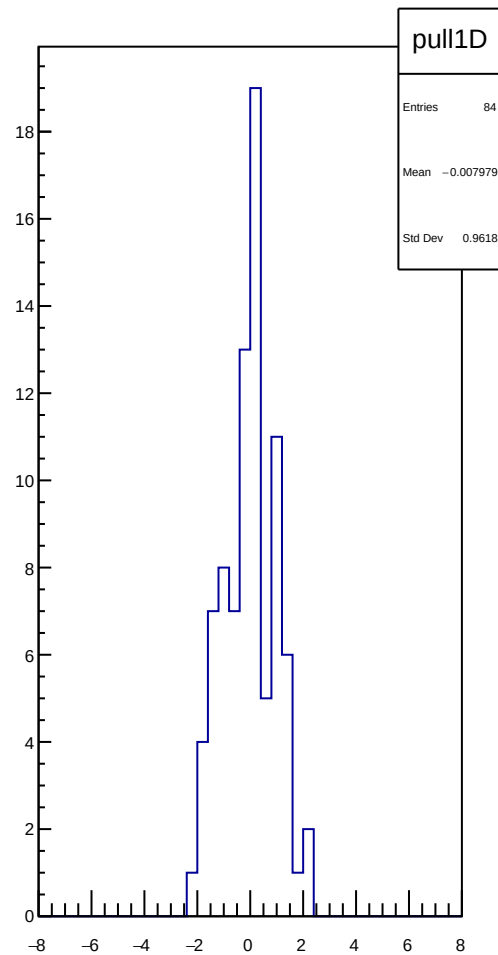
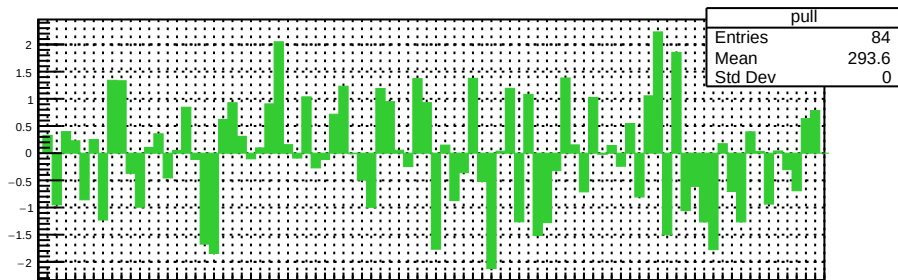
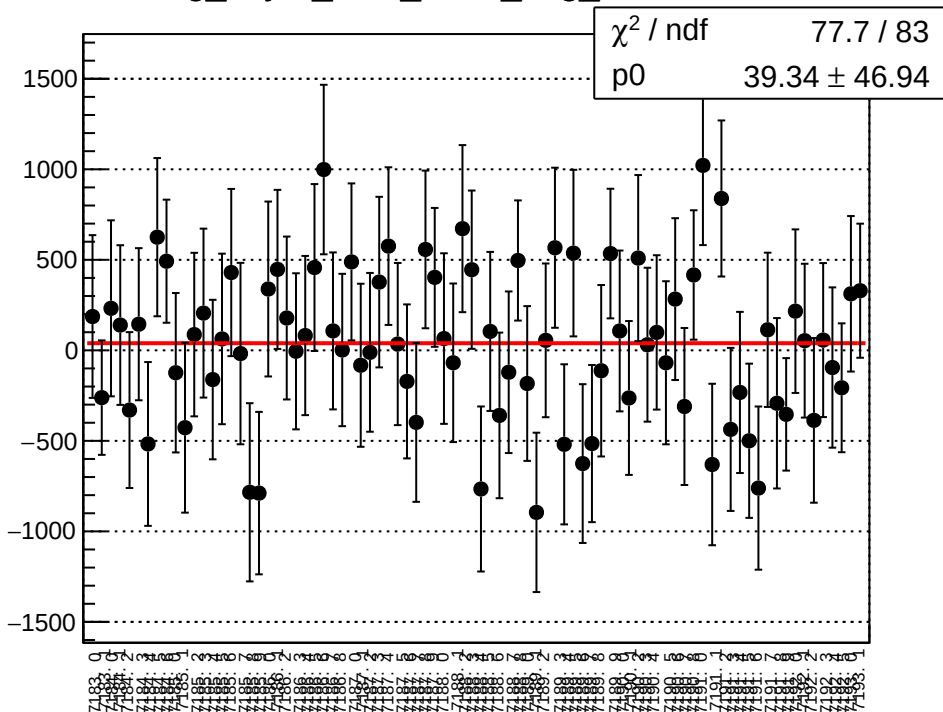
asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs run



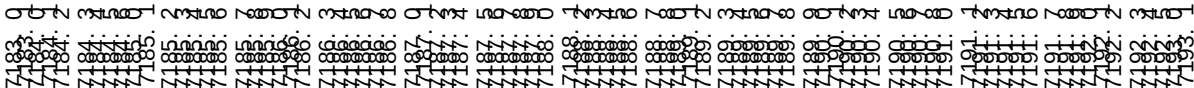
reg_asym_sam_1526_avg_mean vs run



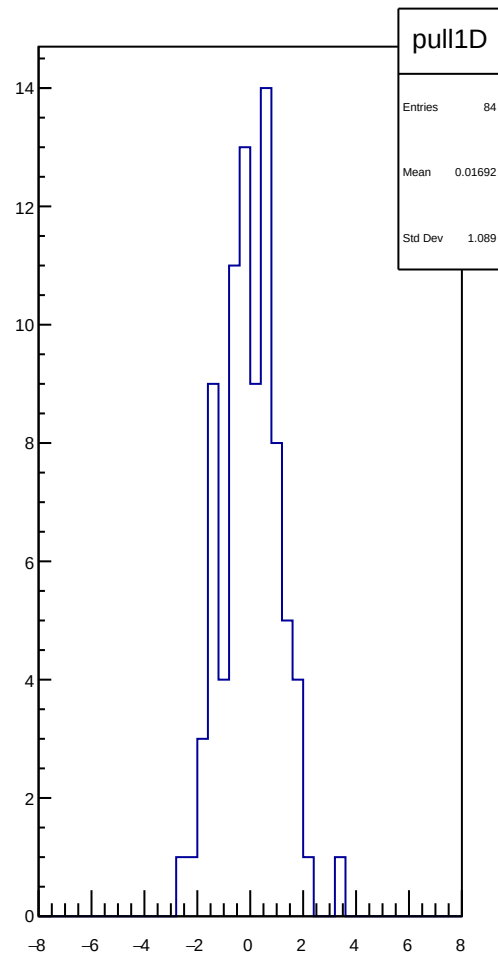
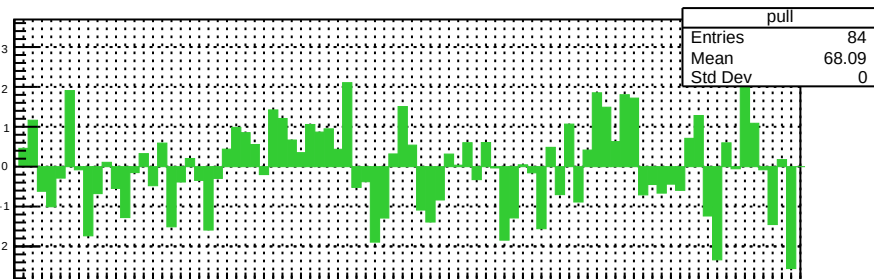
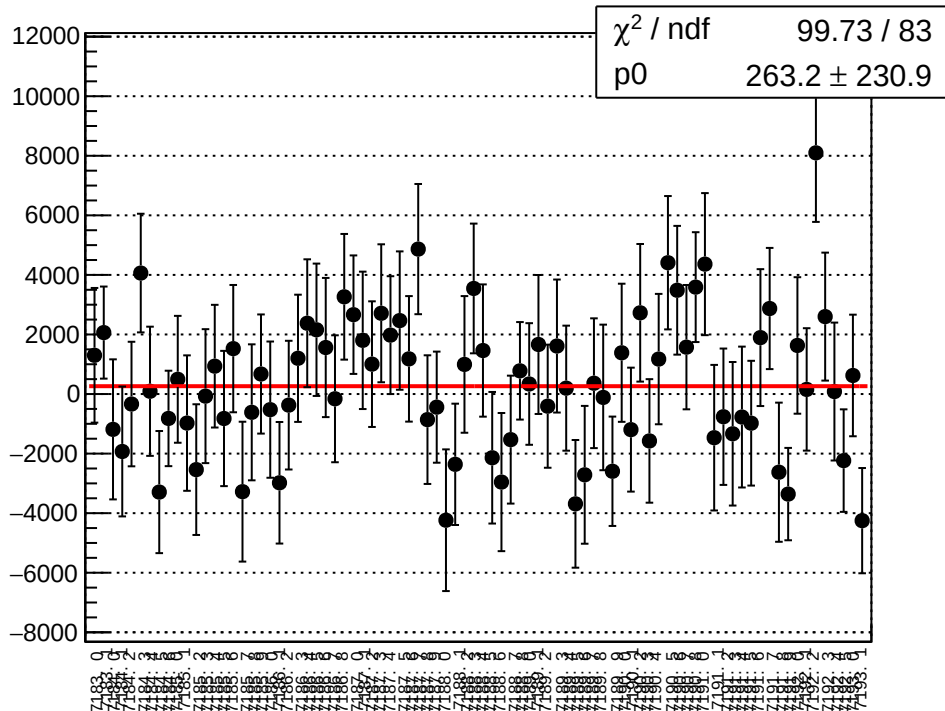
χ^2 / ndf

2288 / 83

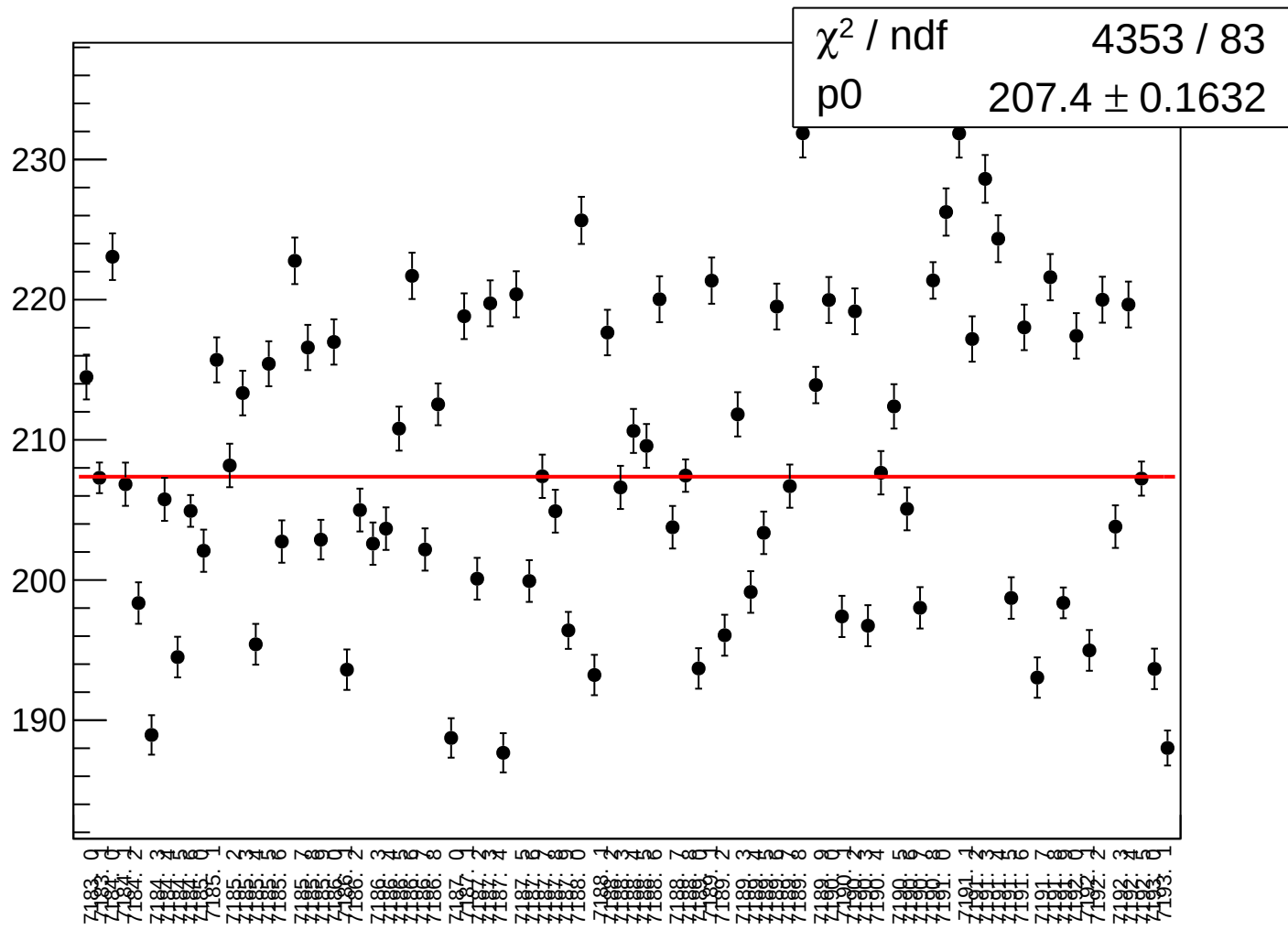
p0

$$42.2 \pm 0.03319$$


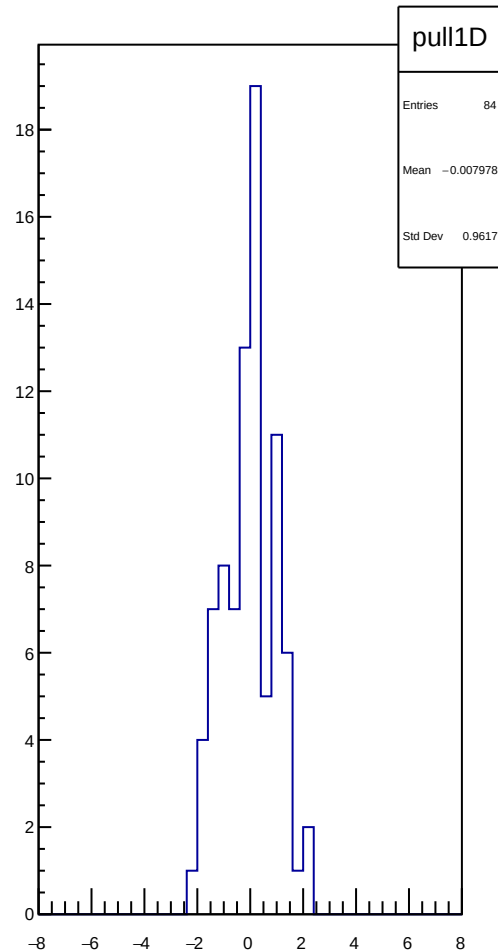
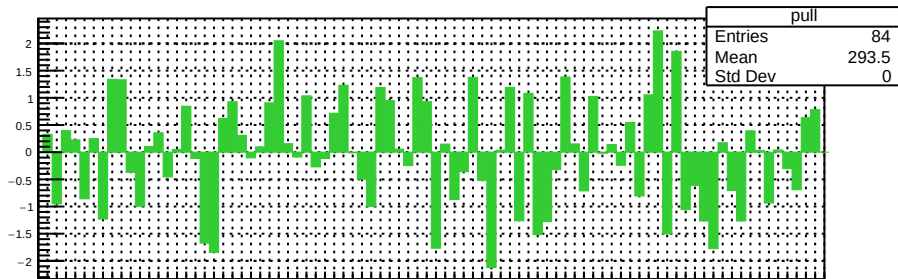
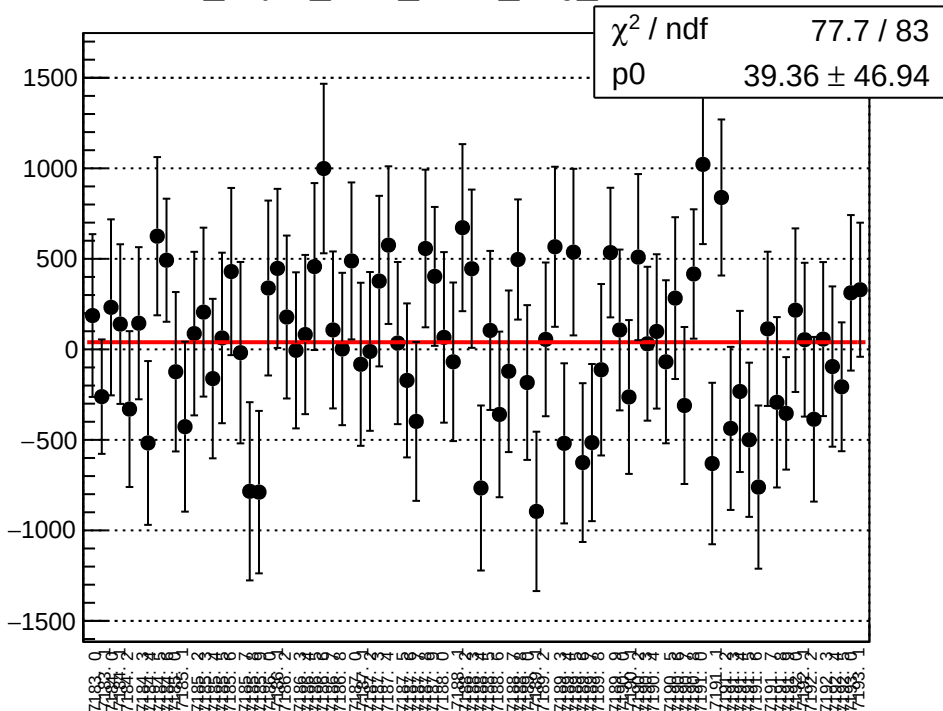
asym_sam_1526_avg_reg_correction_mean vs run



asym_sam_1526_avg_reg_correction_rms vs run



cor_asym_sam_1526_avg_mean vs run



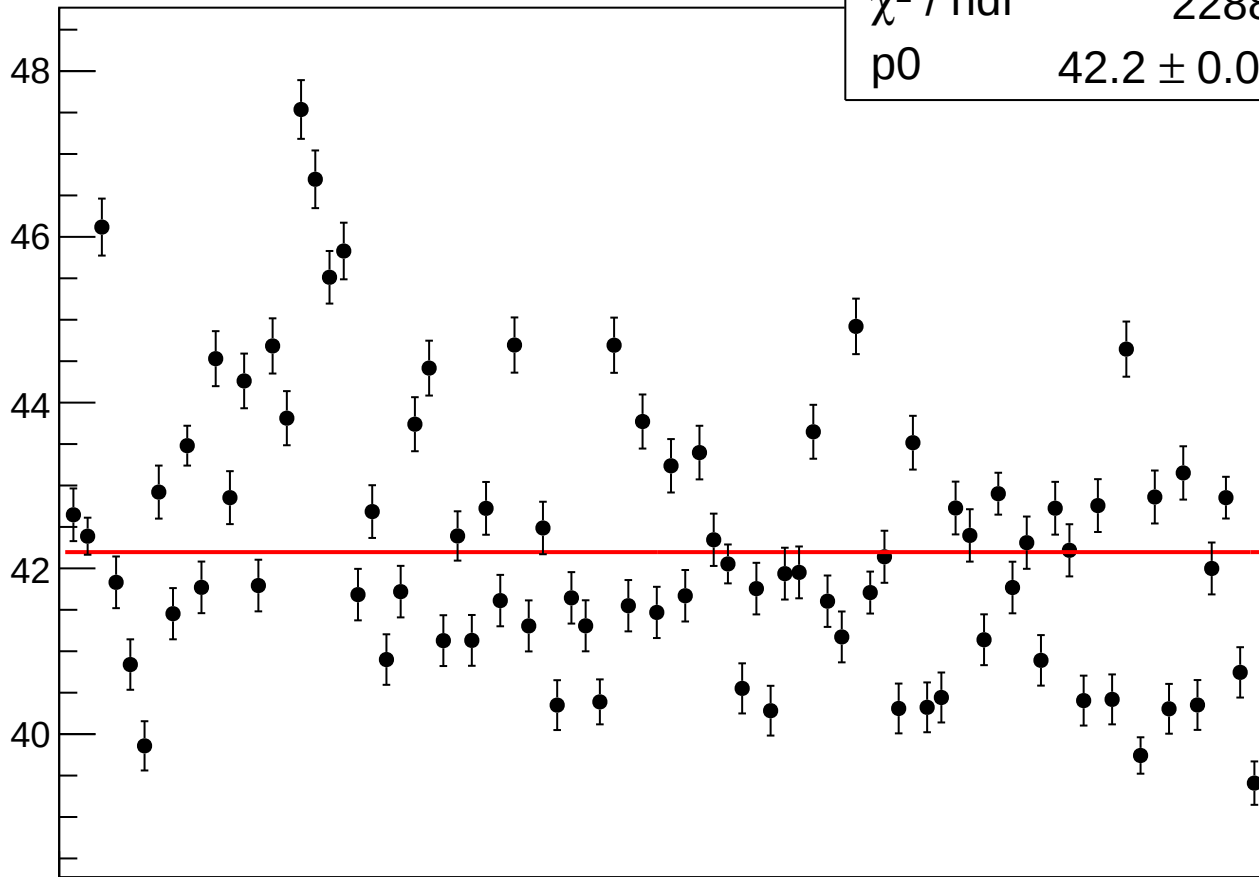
cor_asym_sam_1526_avg_rms vs run

χ^2 / ndf

2288 / 83

p0

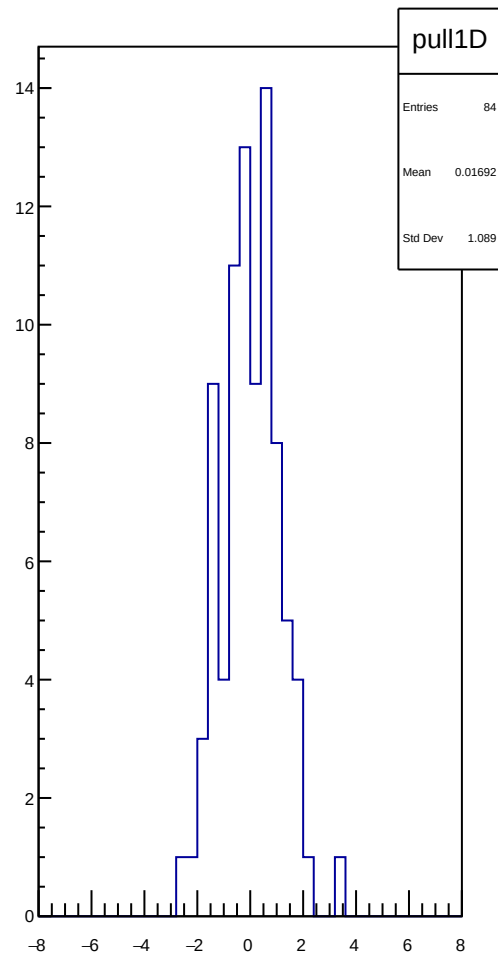
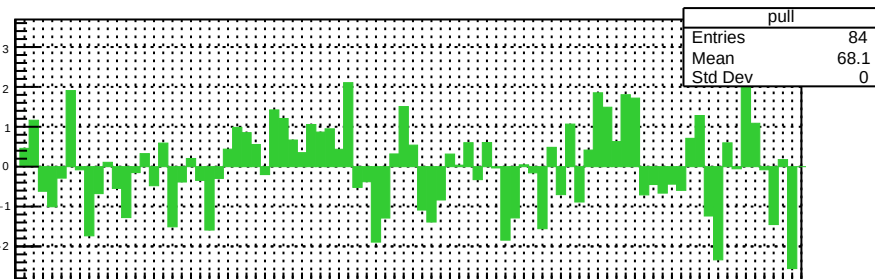
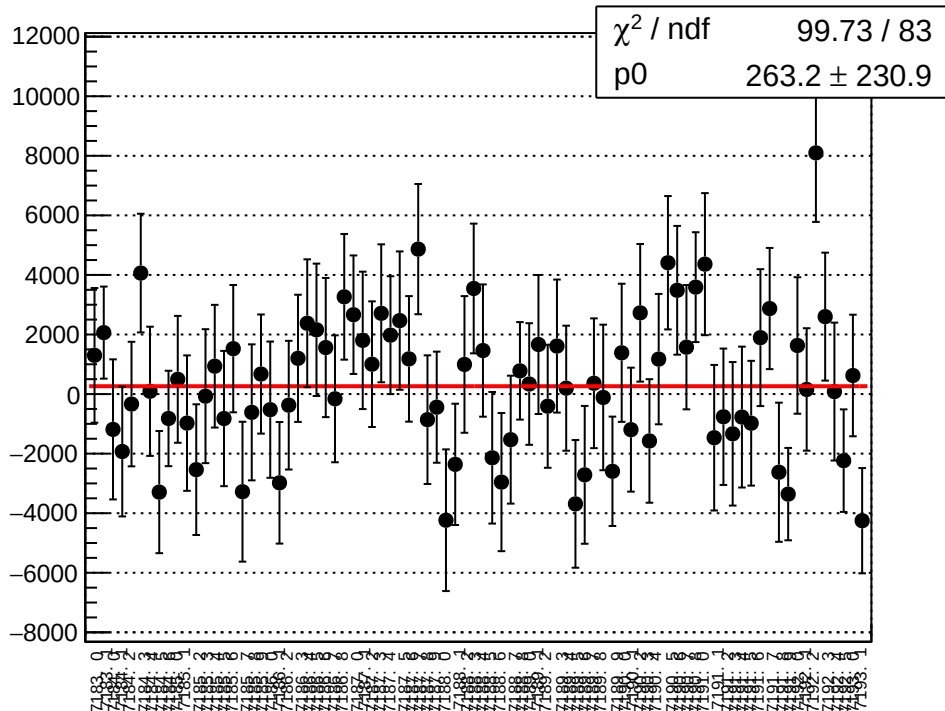
42.2 ± 0.03319



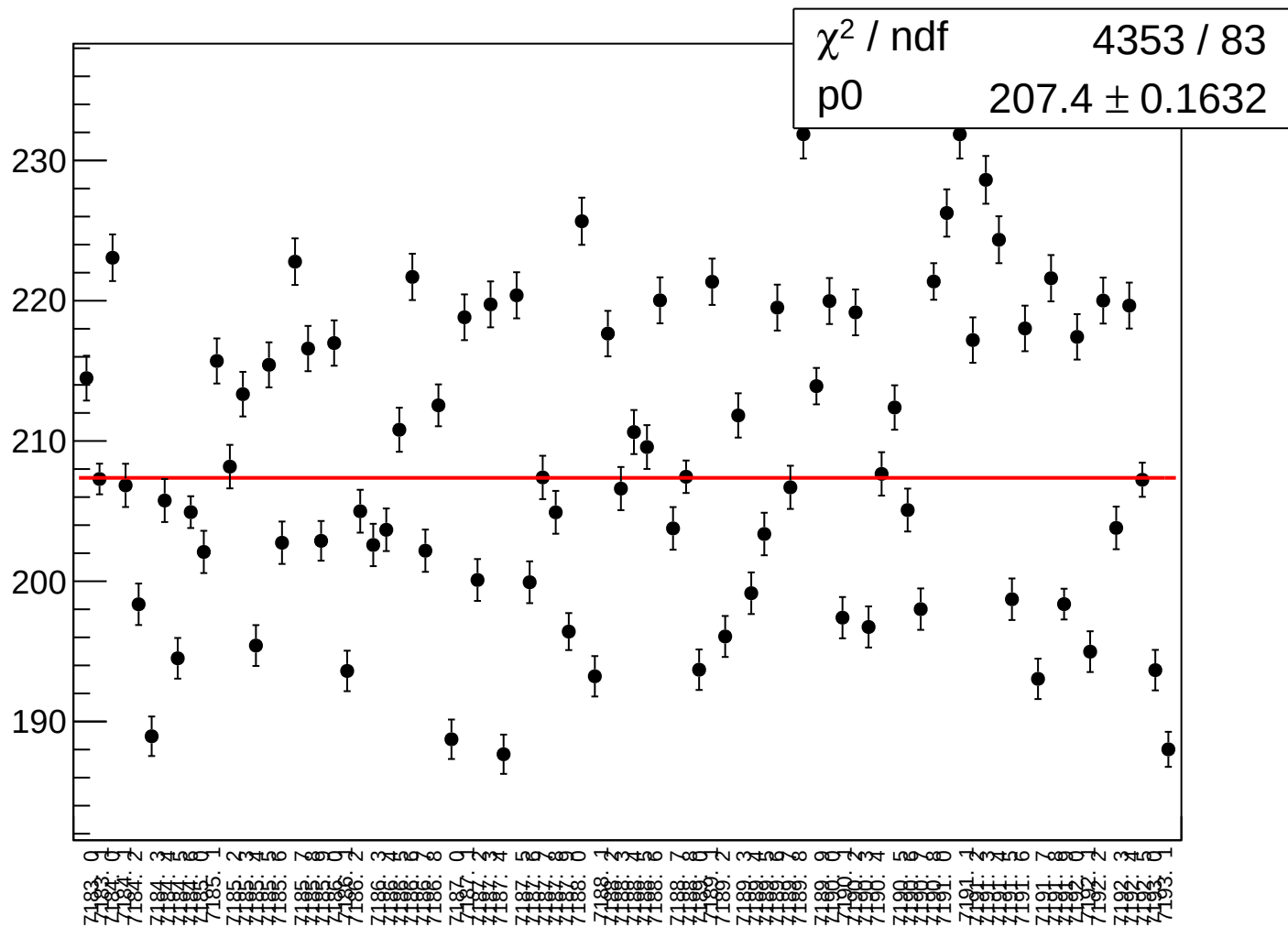
run

74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

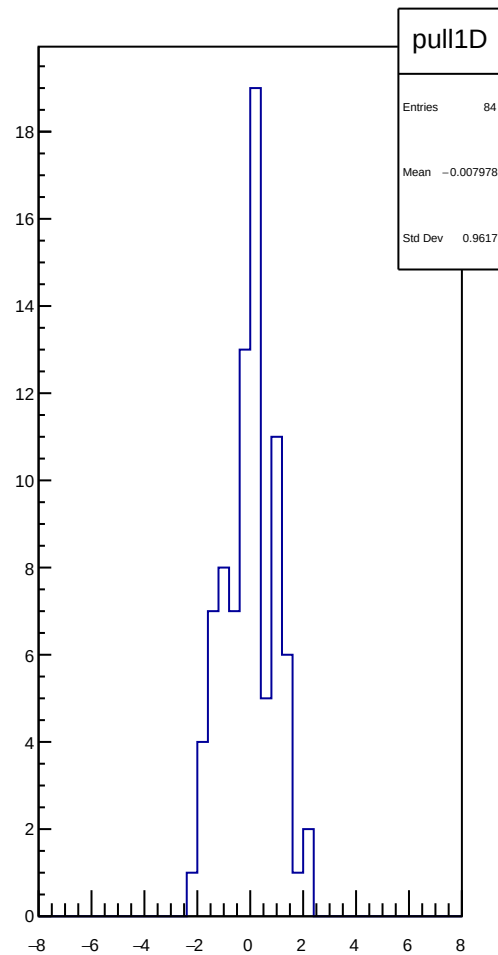
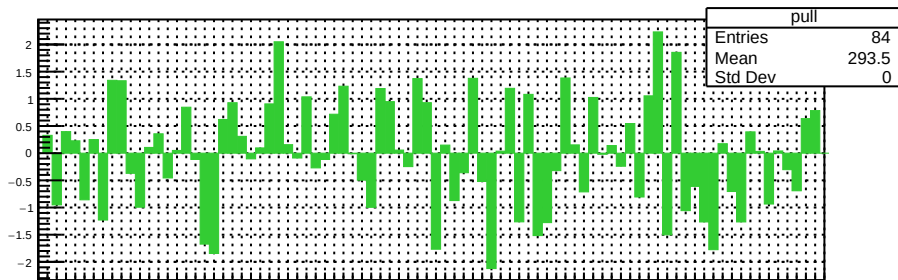
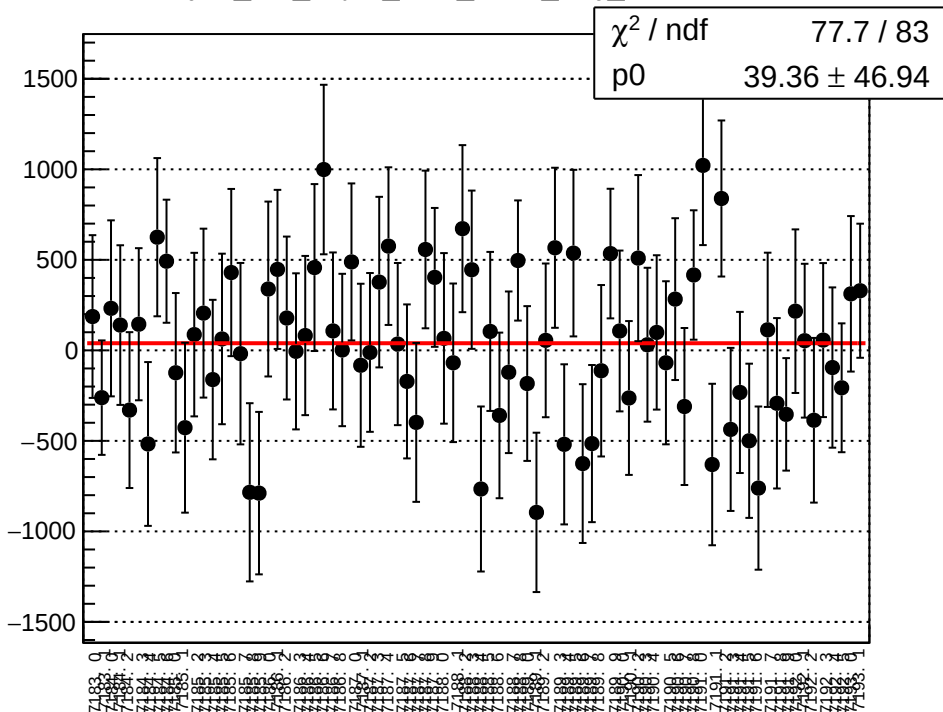
asym_sam_1526_avg_cor_correction_mean vs run



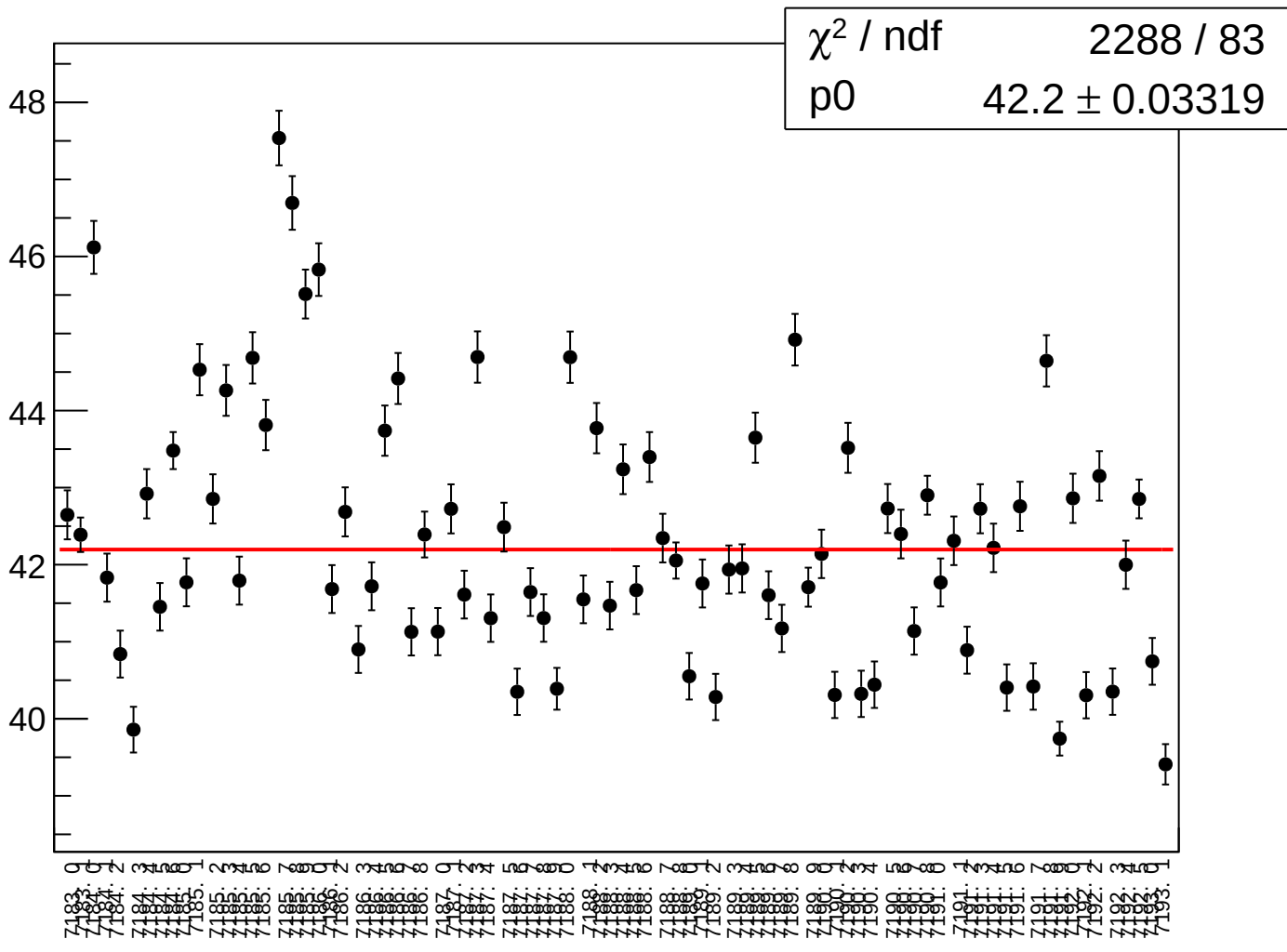
asym_sam_1526_avg_cor_correction_rms vs run



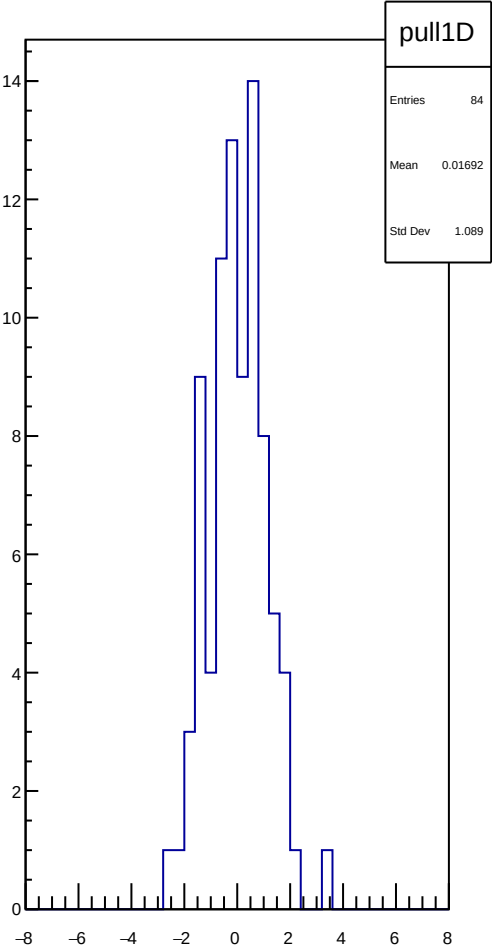
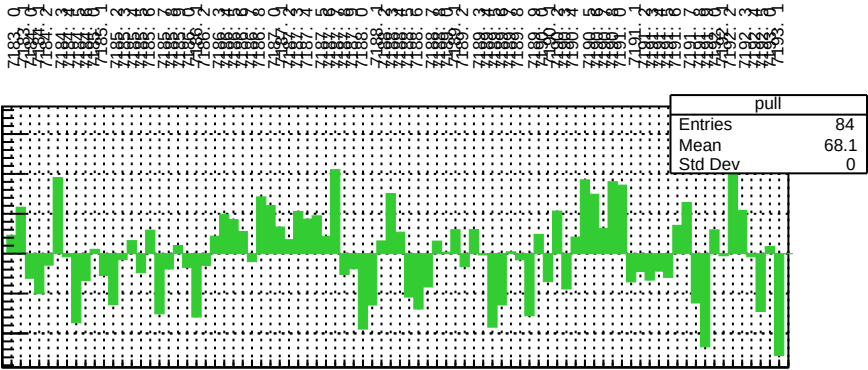
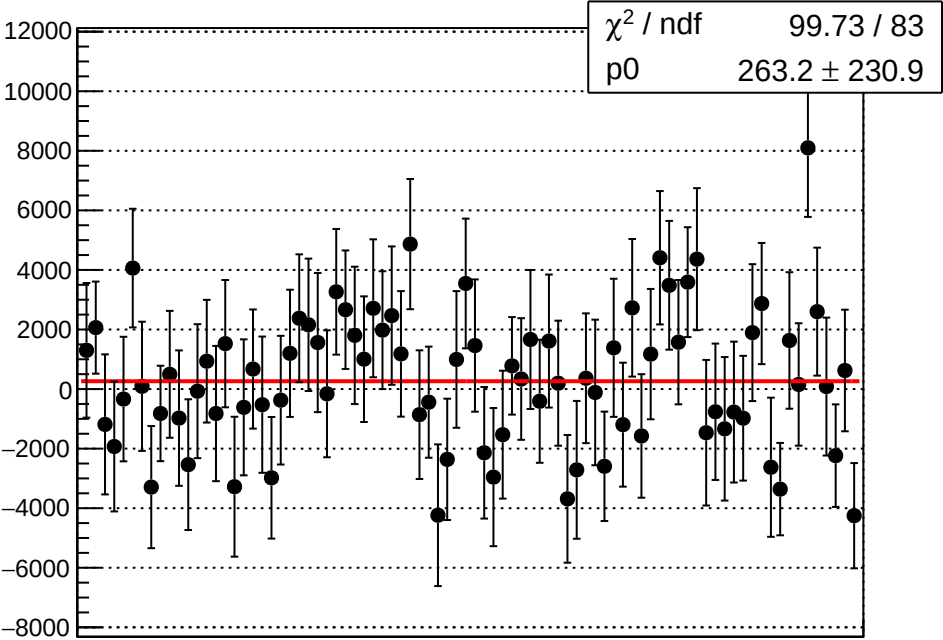
eigen_cor_asym_sam_1526_avg_mean vs run



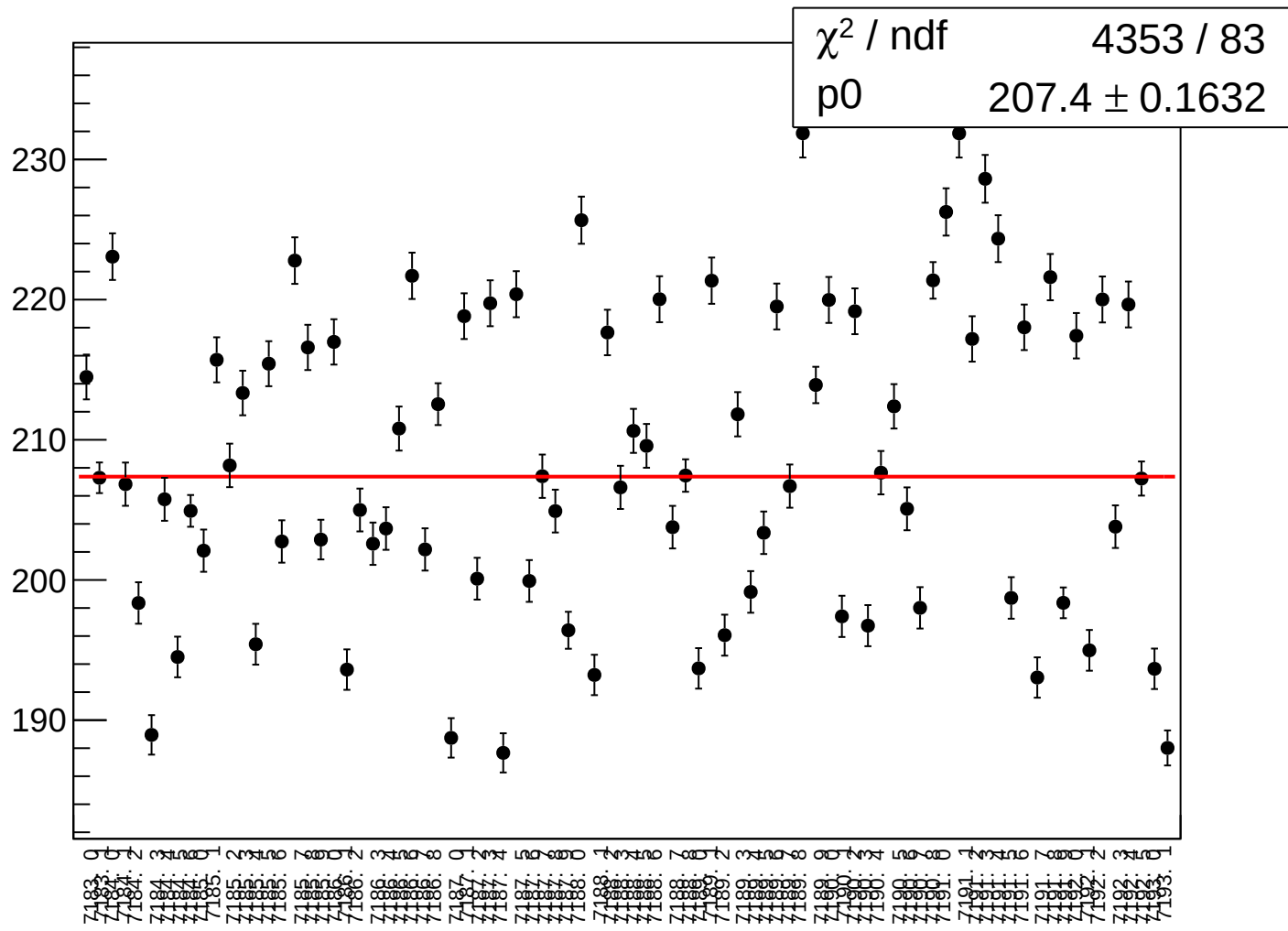
eigen_cor_asym_sam_1526_avg_rms vs run



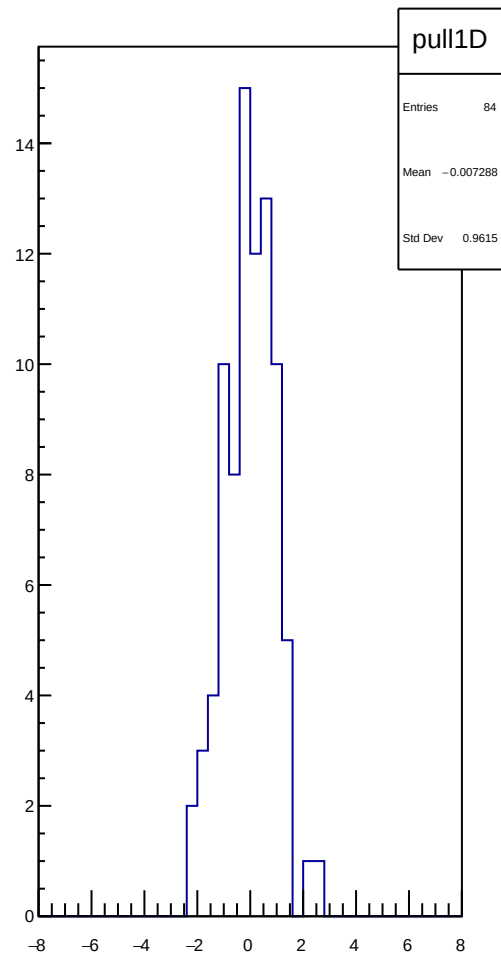
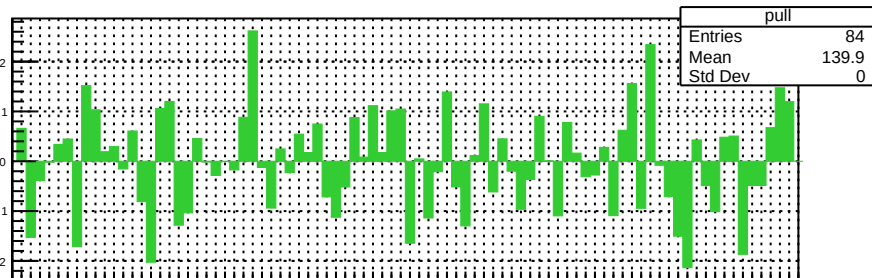
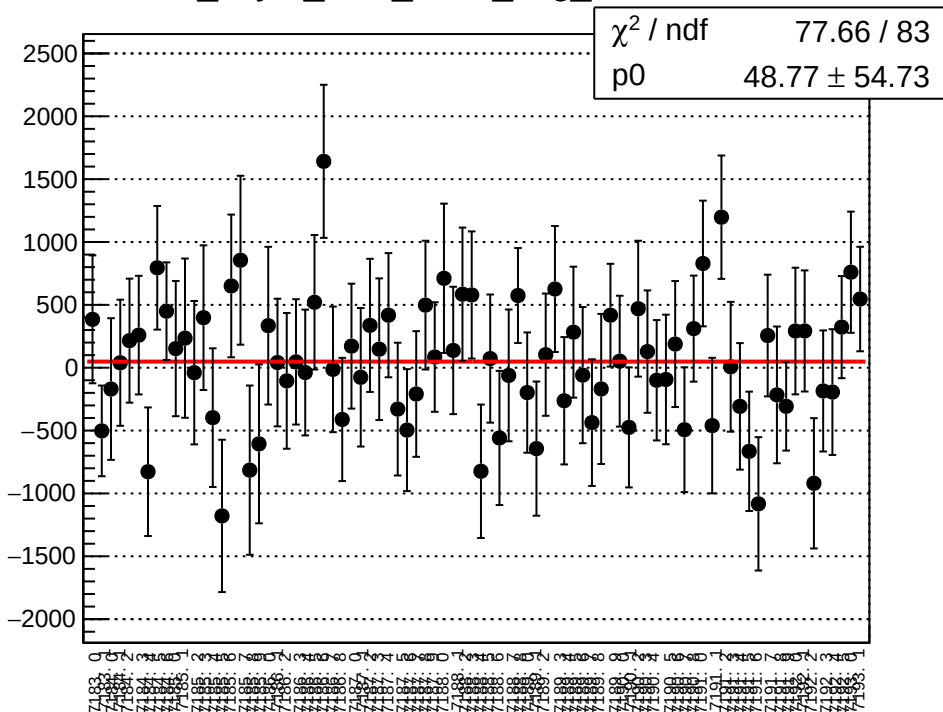
asym_sam_1526_avg_eigen_cor_correction_mean vs run



asym_sam_1526_avg_eigen_cor_correction_rms vs run



dit_asym_sam_1526_avg_mean vs run



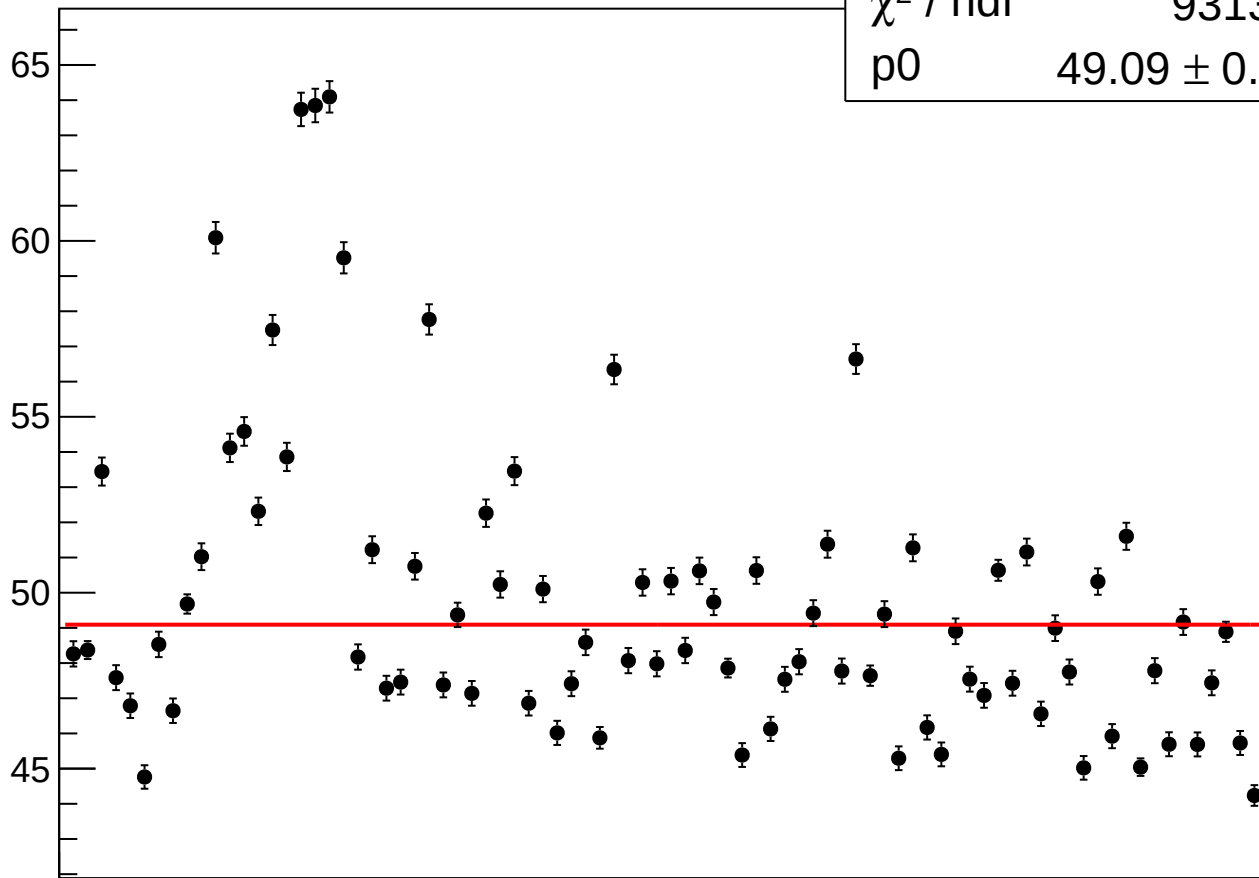
dit_asym_sam_1526_avg_rms vs run

χ^2 / ndf

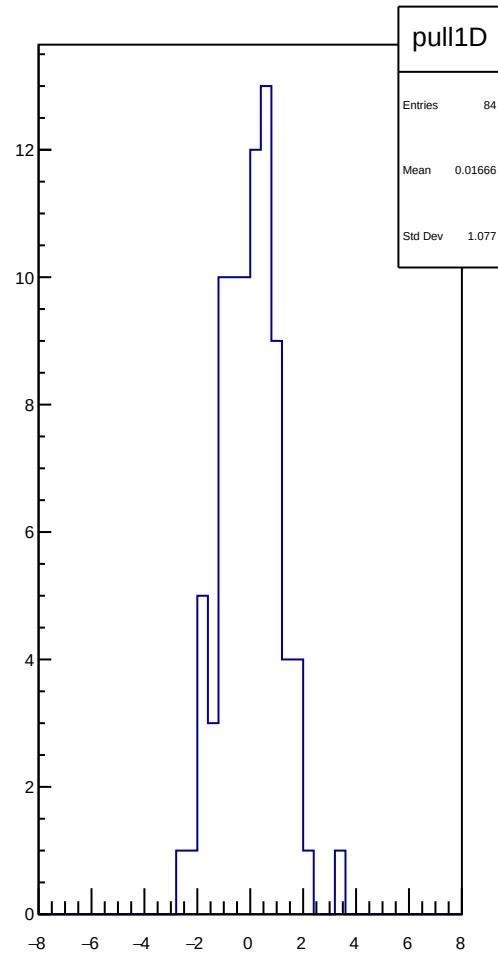
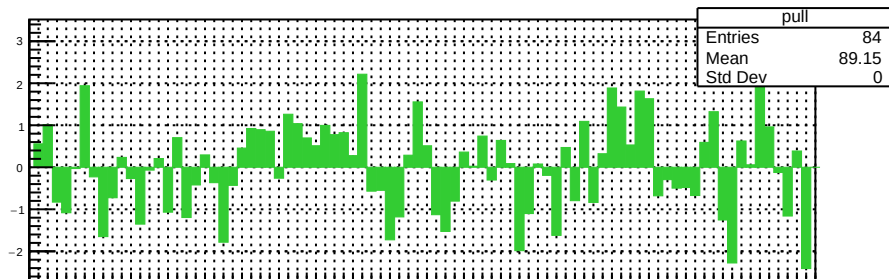
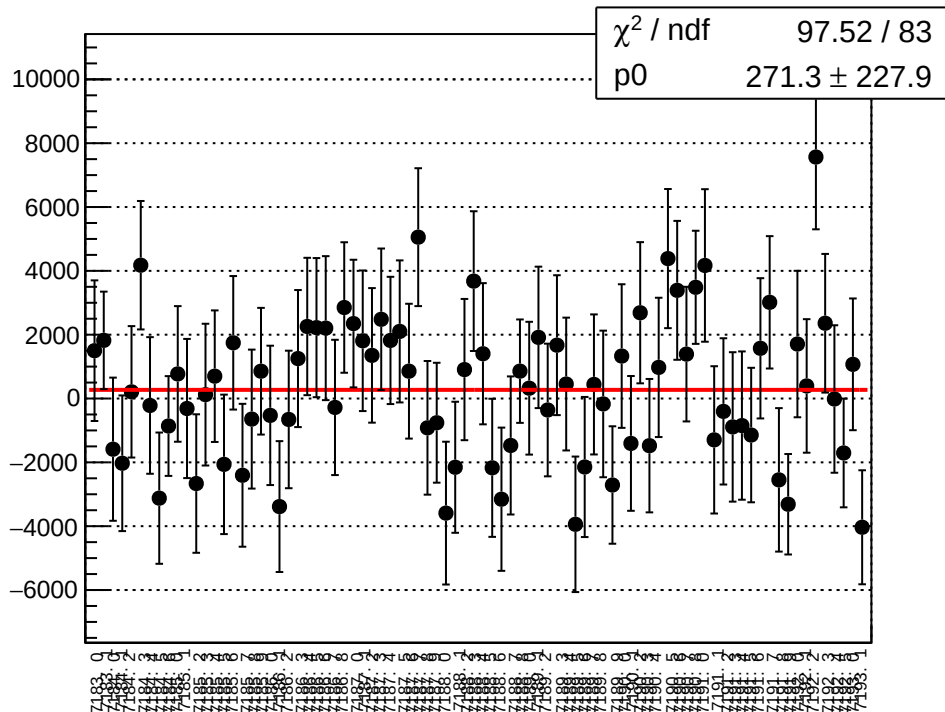
9313 / 83

p0

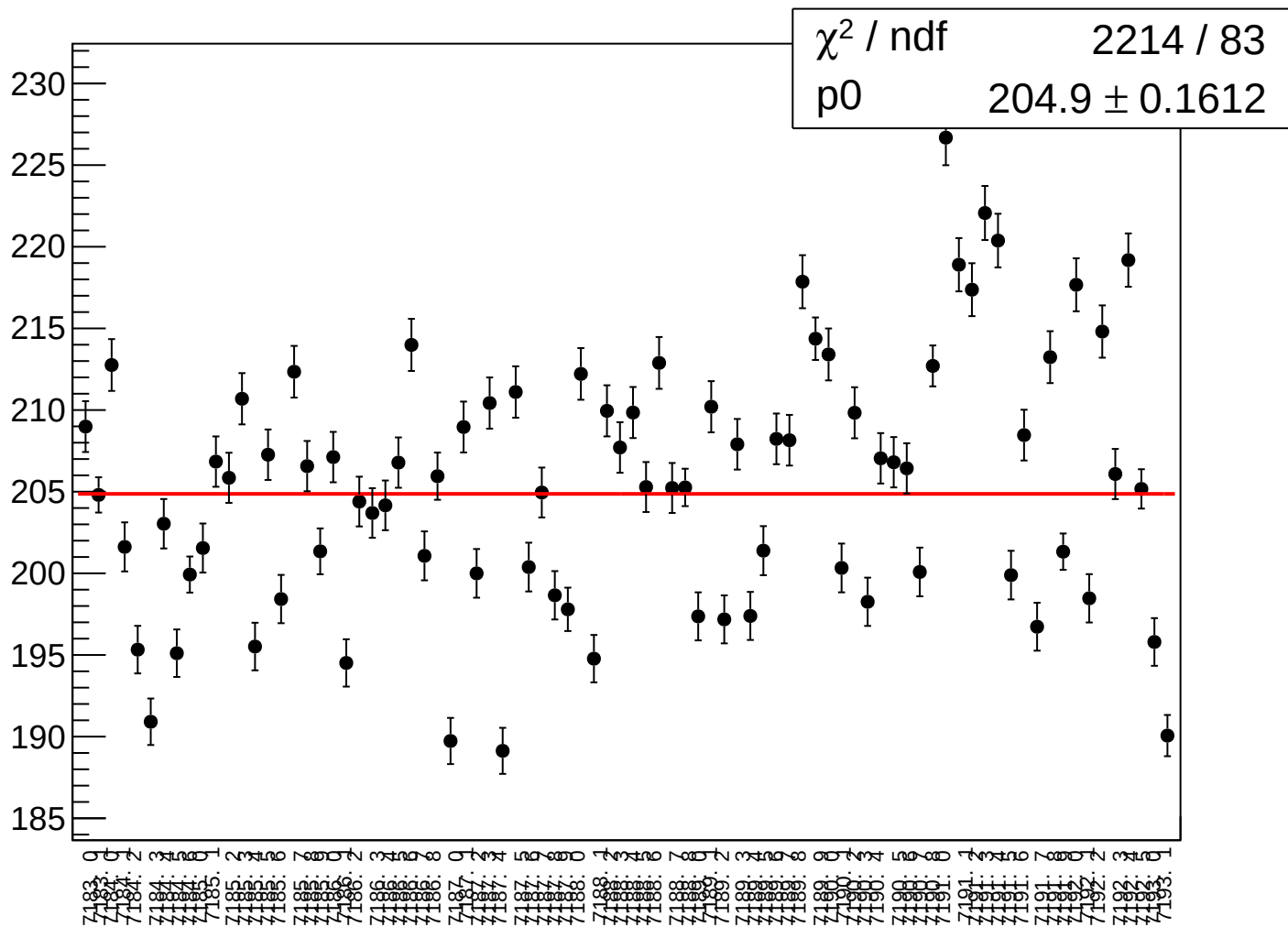
49.09 ± 0.0387



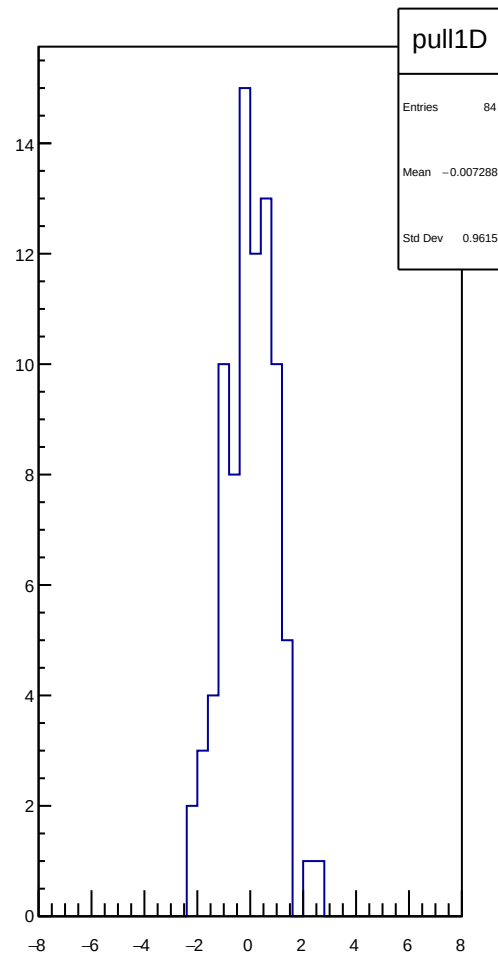
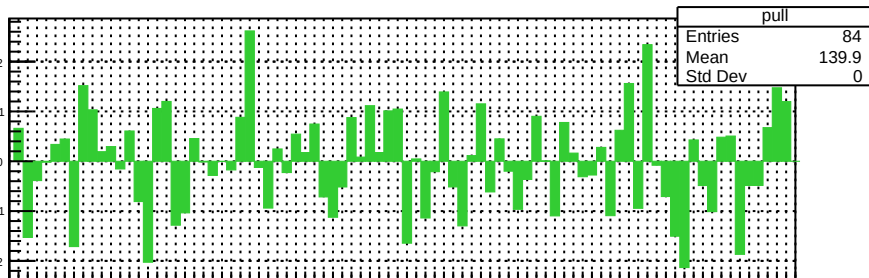
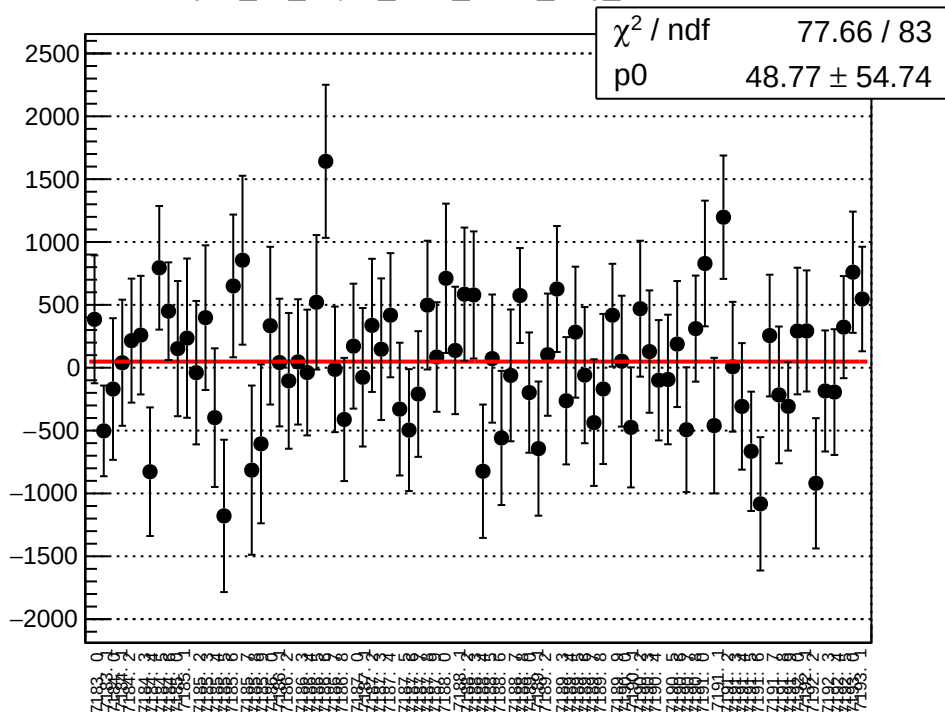
asym_sam_1526_avg_dit_correction_mean vs run



asym_sam_1526_avg_dit_correction_rms vs run



eigen_dit_asym_sam_1526_avg_mean vs run



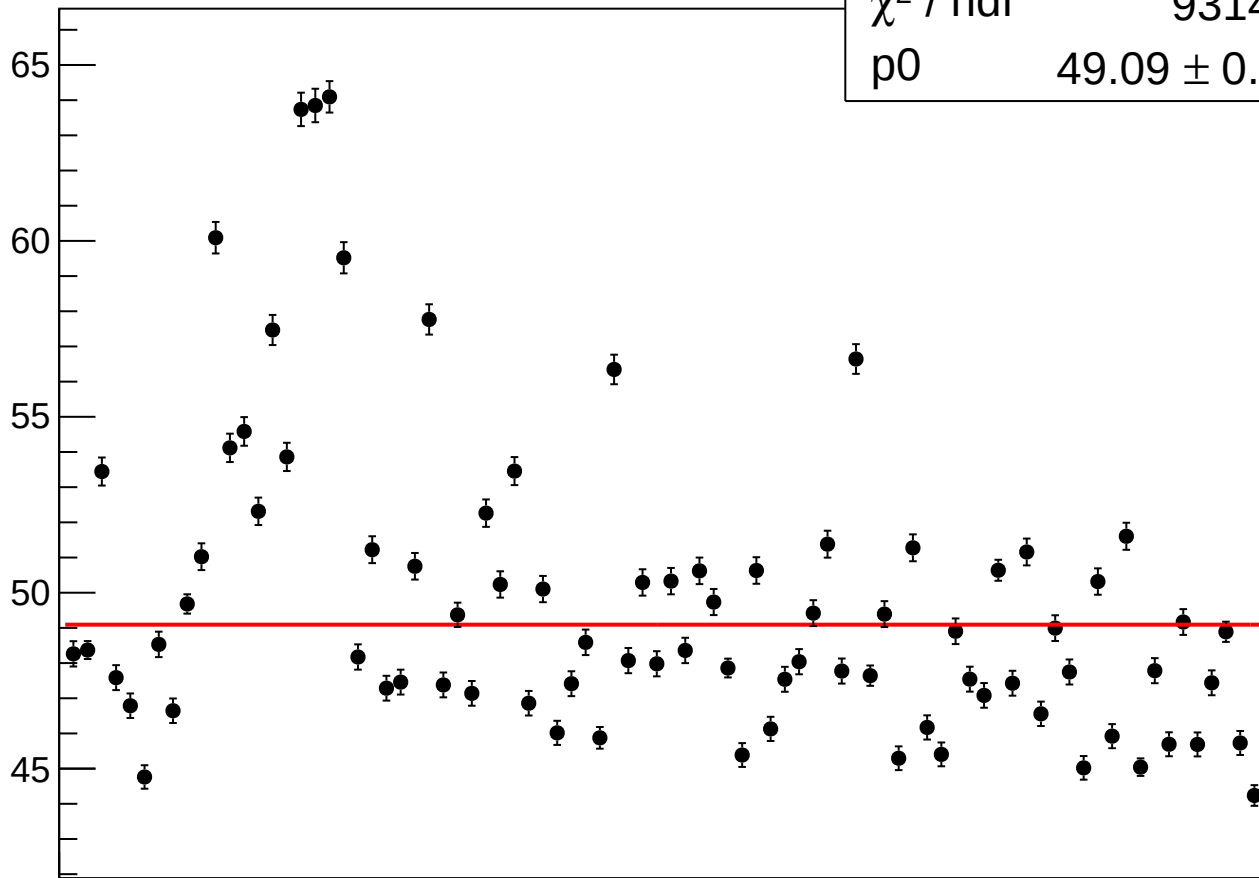
eigen_dit_asym_sam_1526_avg_rms vs run

χ^2 / ndf

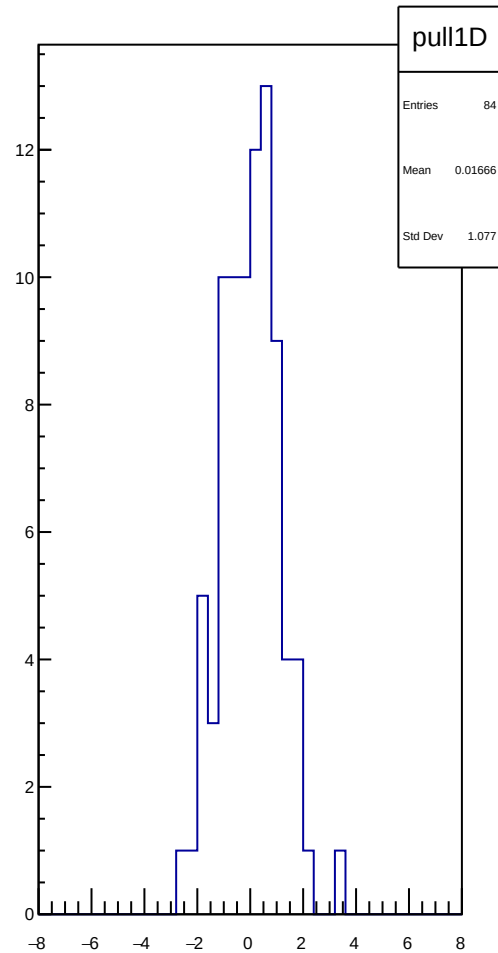
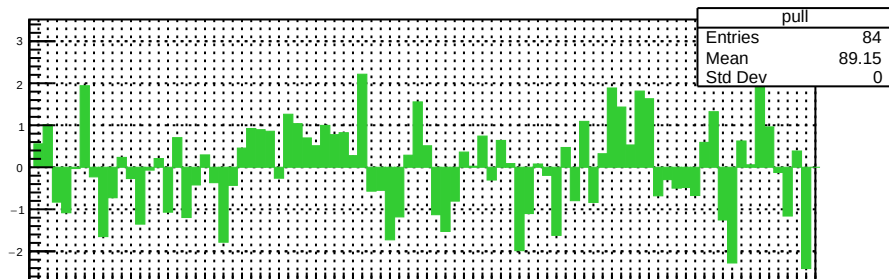
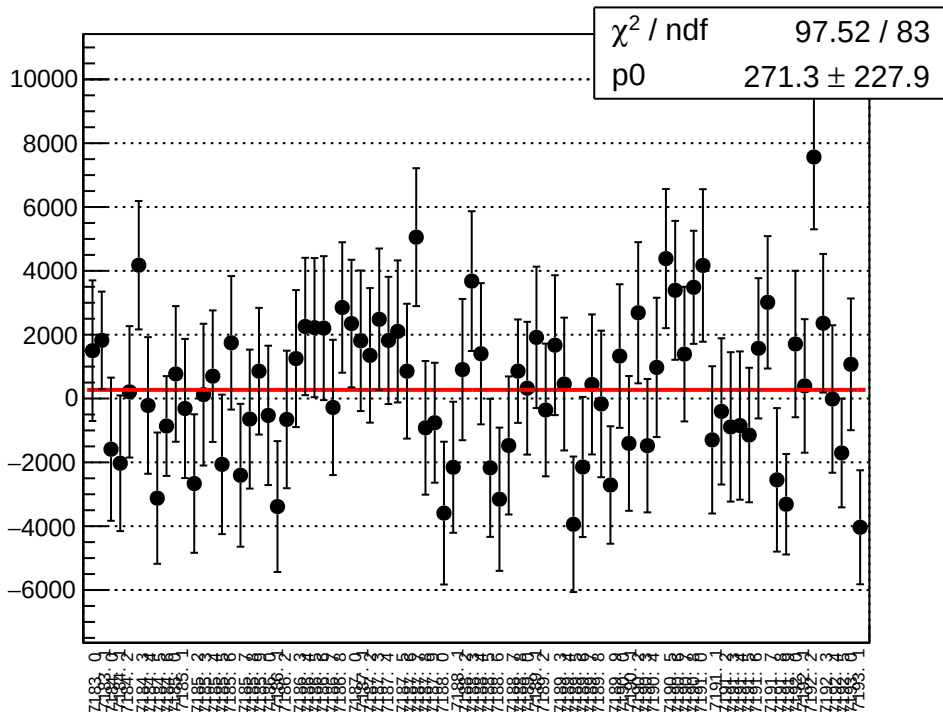
9314 / 83

p0

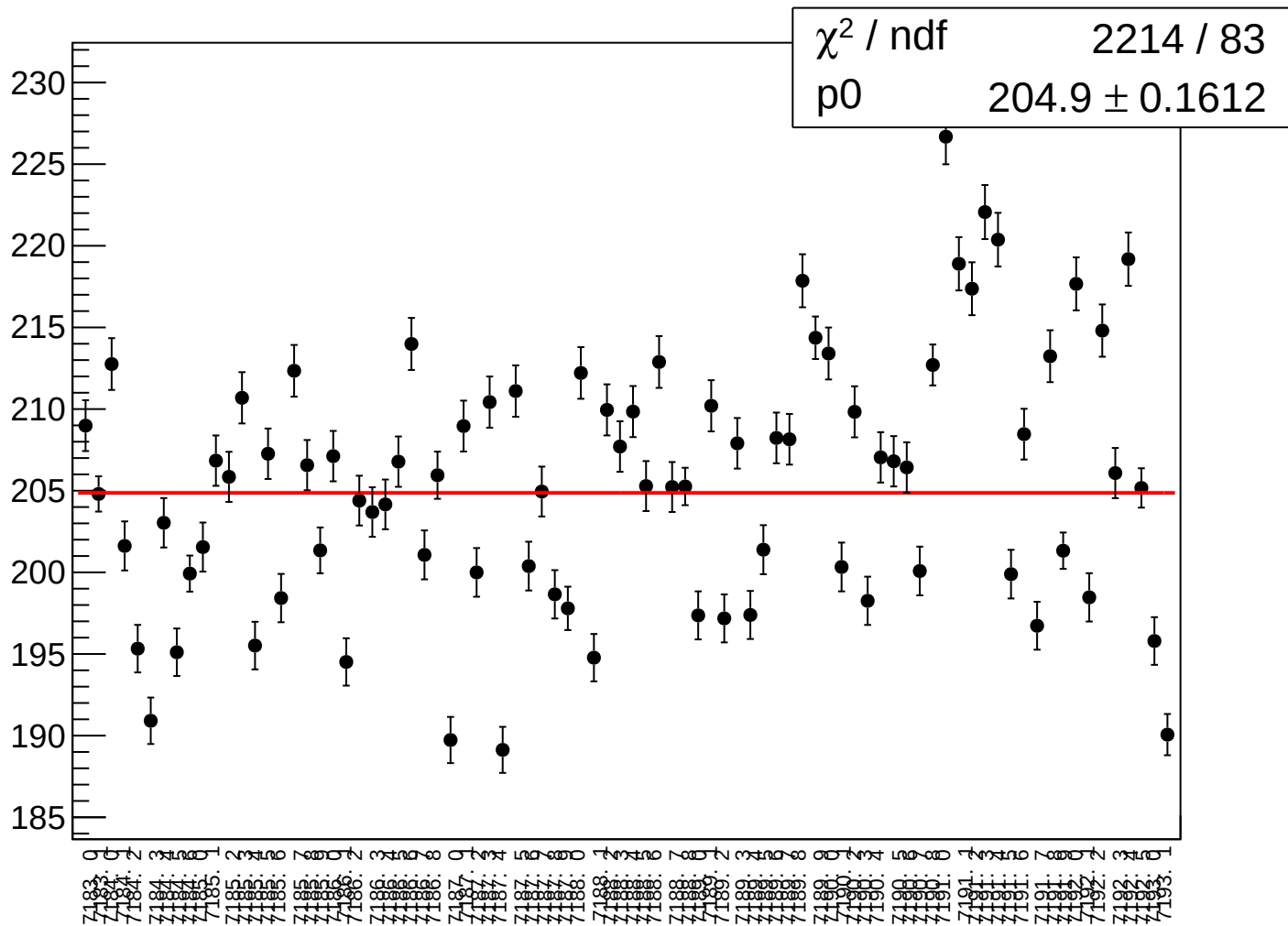
49.09 ± 0.0387



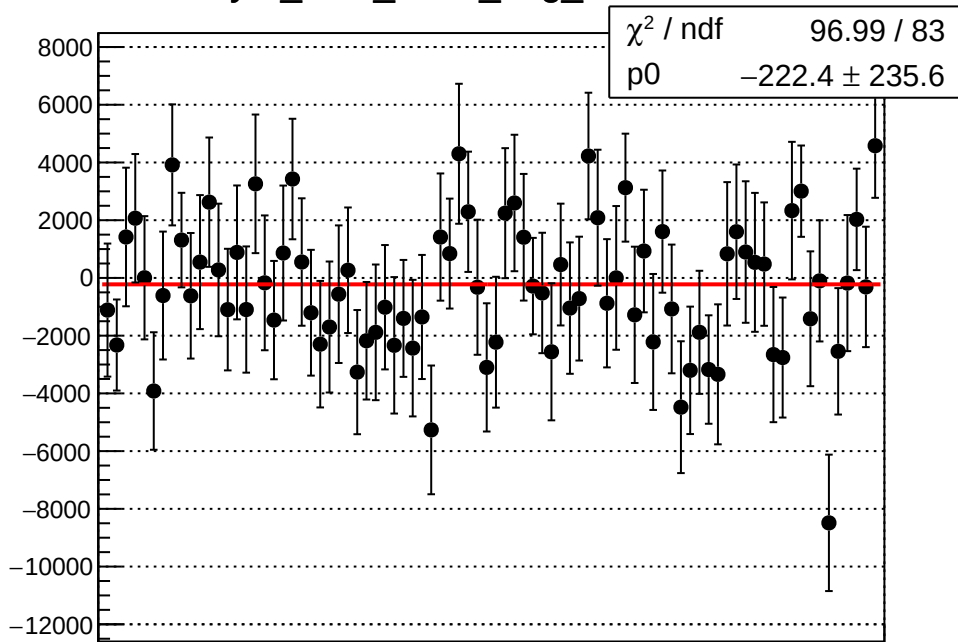
asym_sam_1526_avg_eigen_dit_correction_mean vs run



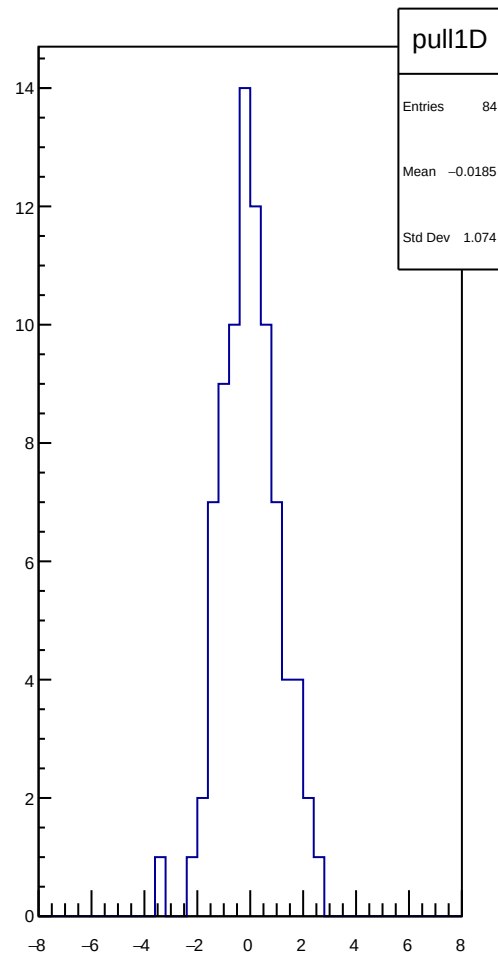
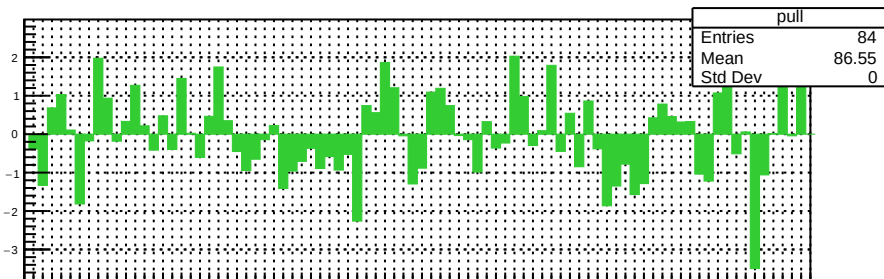
asym_sam_1526_avg_eigen_dit_correction_rms vs run



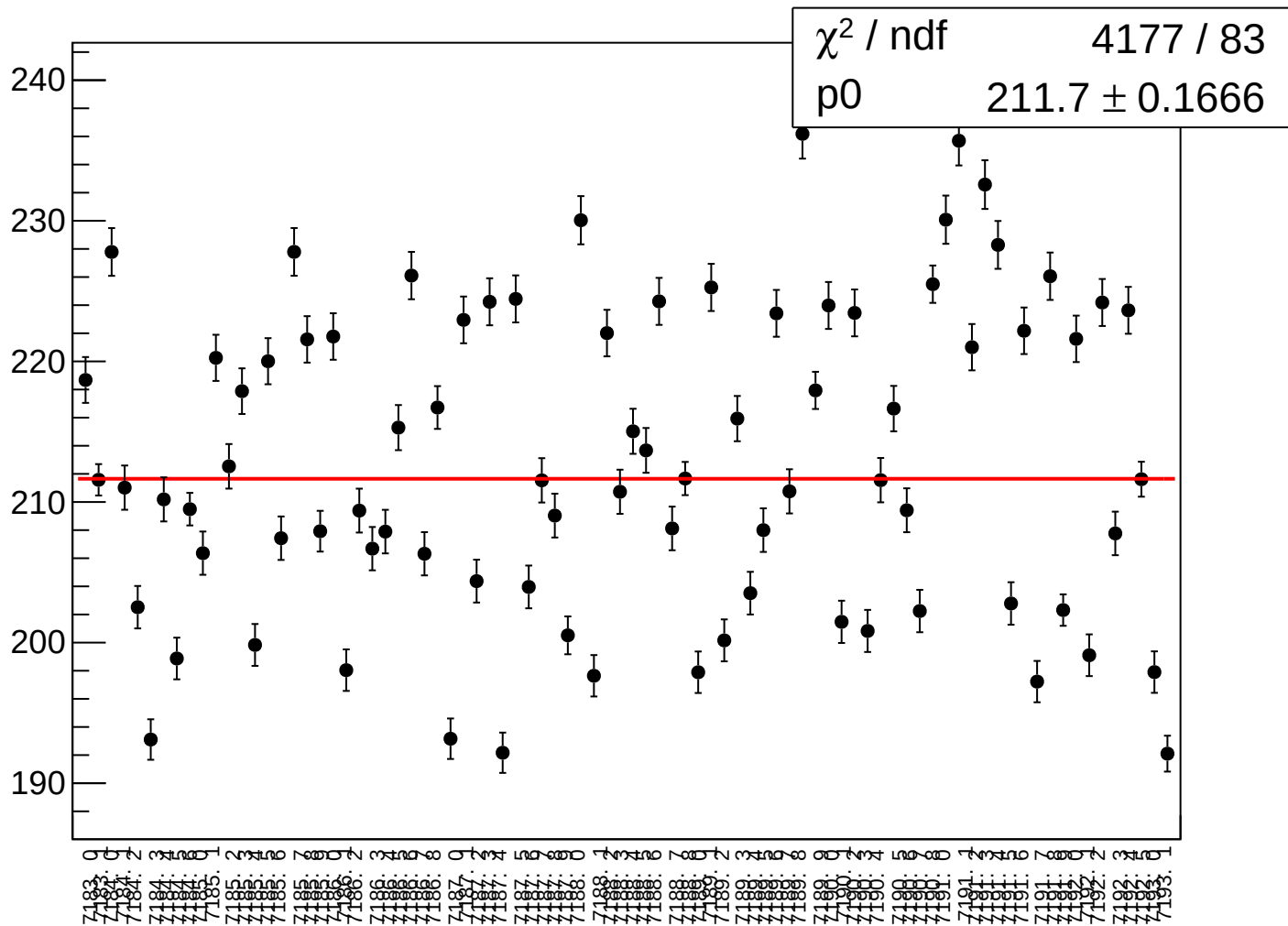
asym_sam_1526_avg_mean vs run



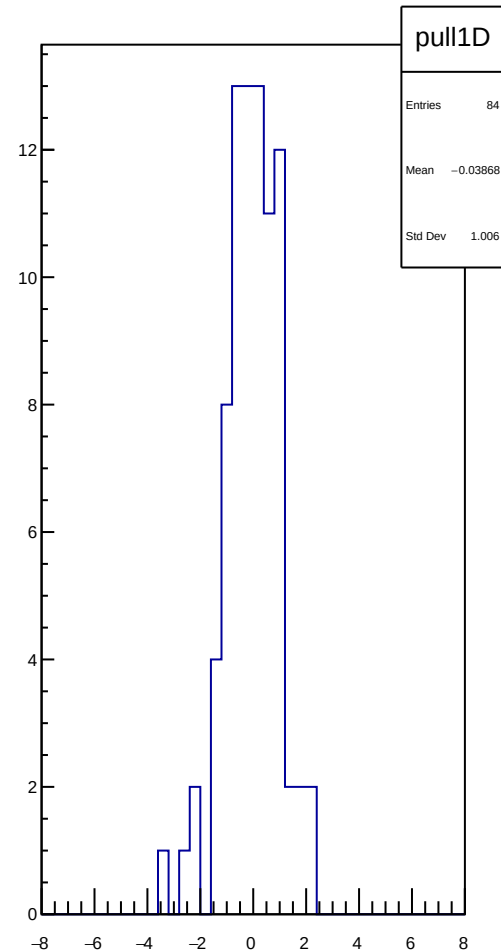
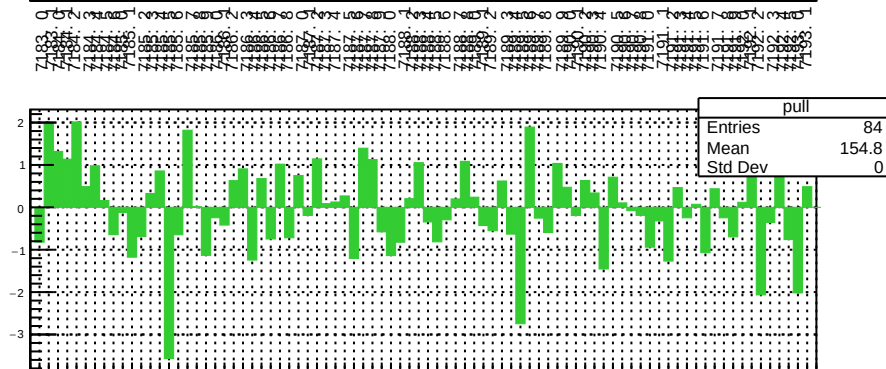
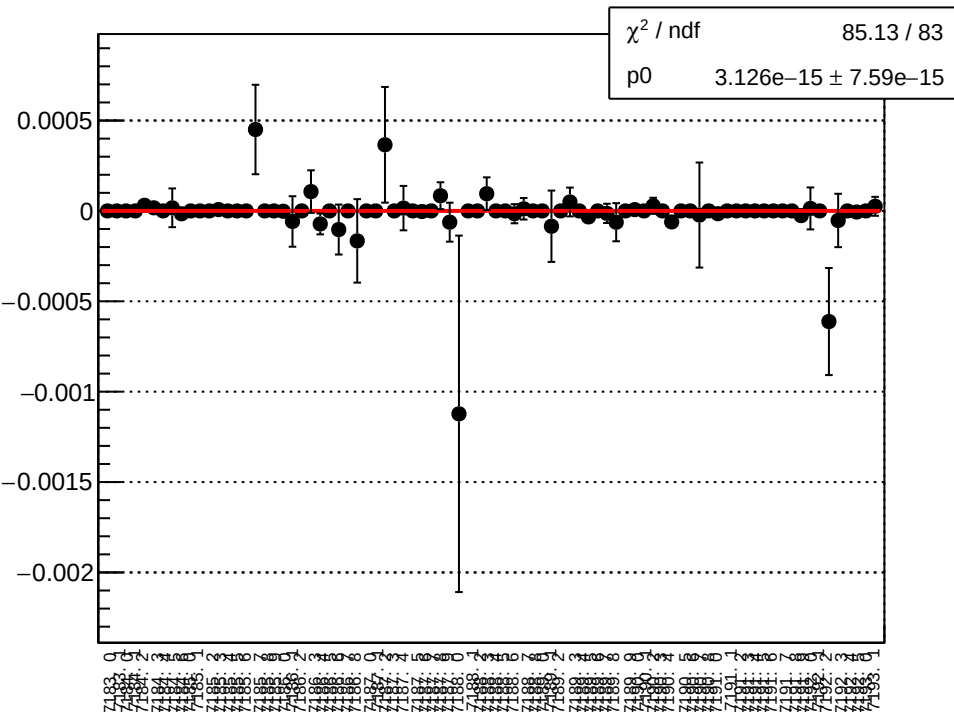
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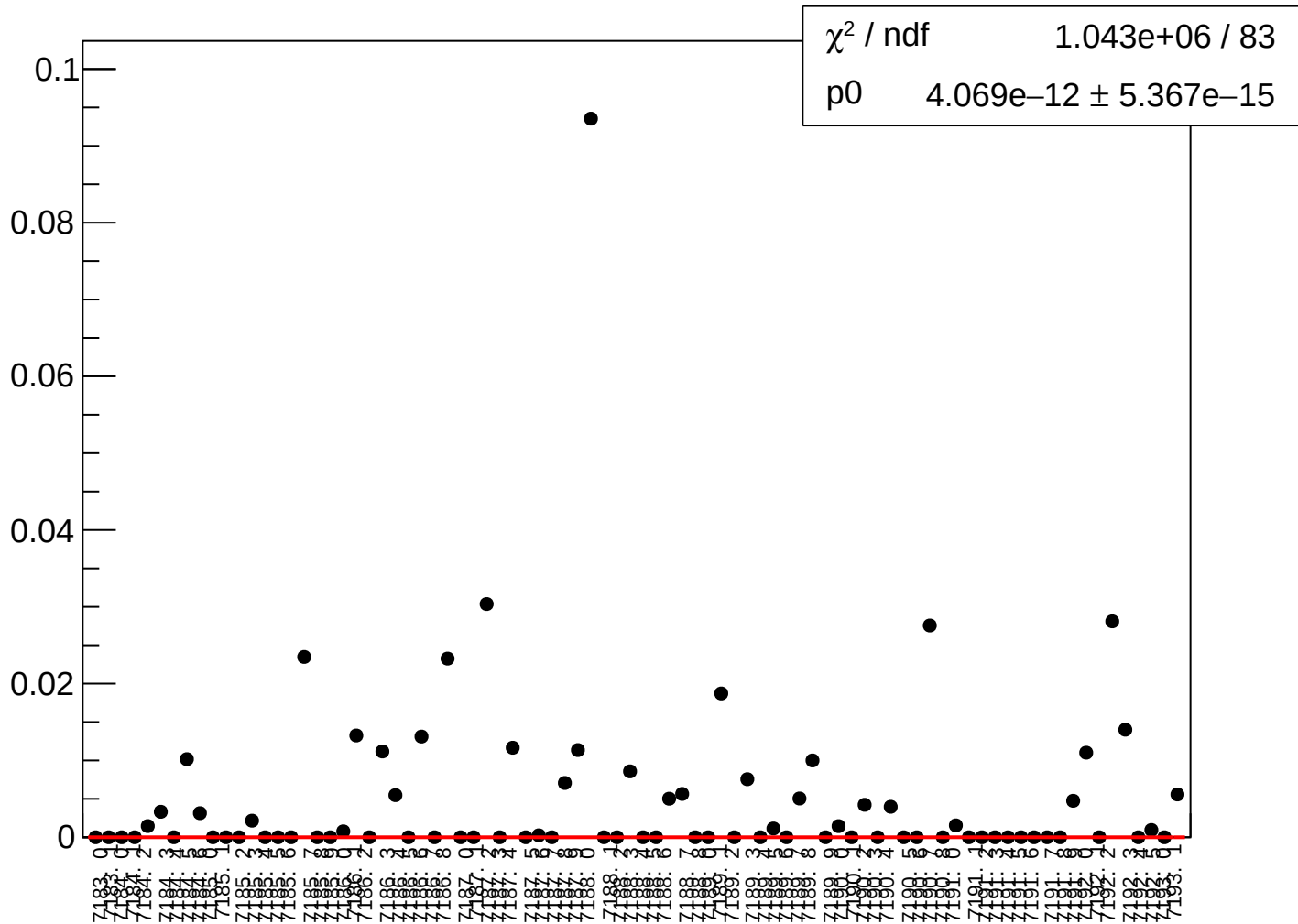
asym_sam_1526_avg_rms vs run



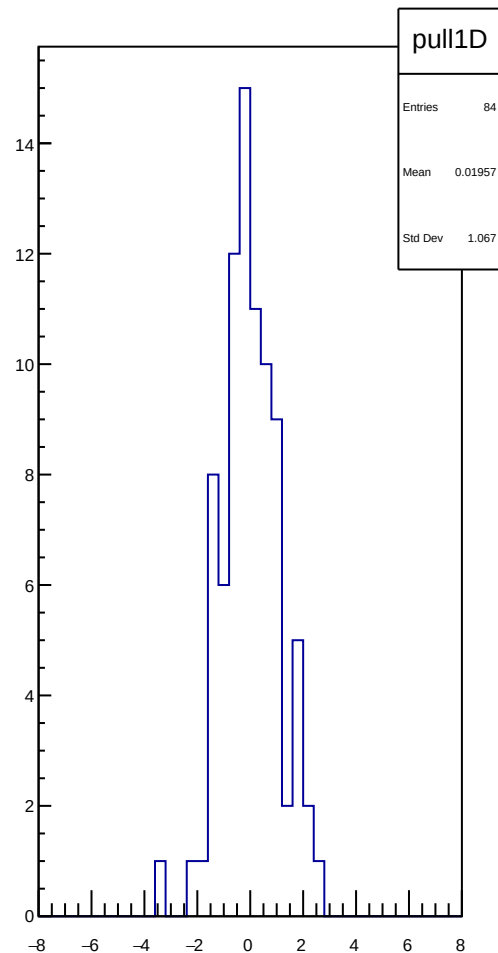
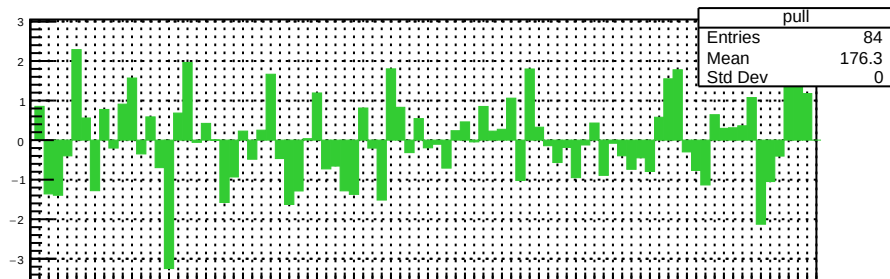
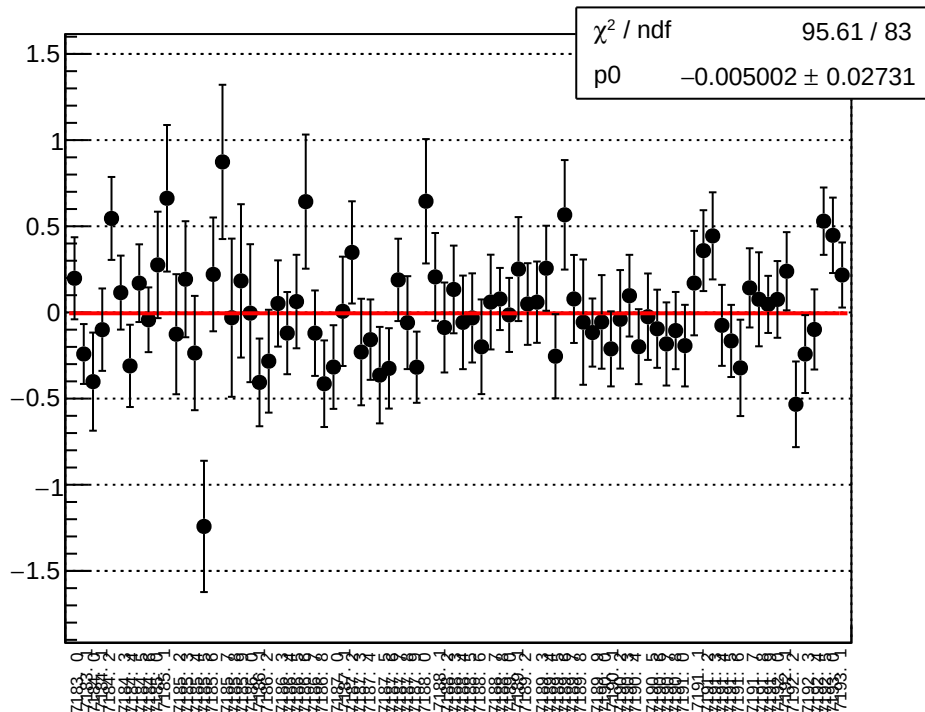
asym_sam_1526_avg_reg_vs_cor_diff_mean vs run



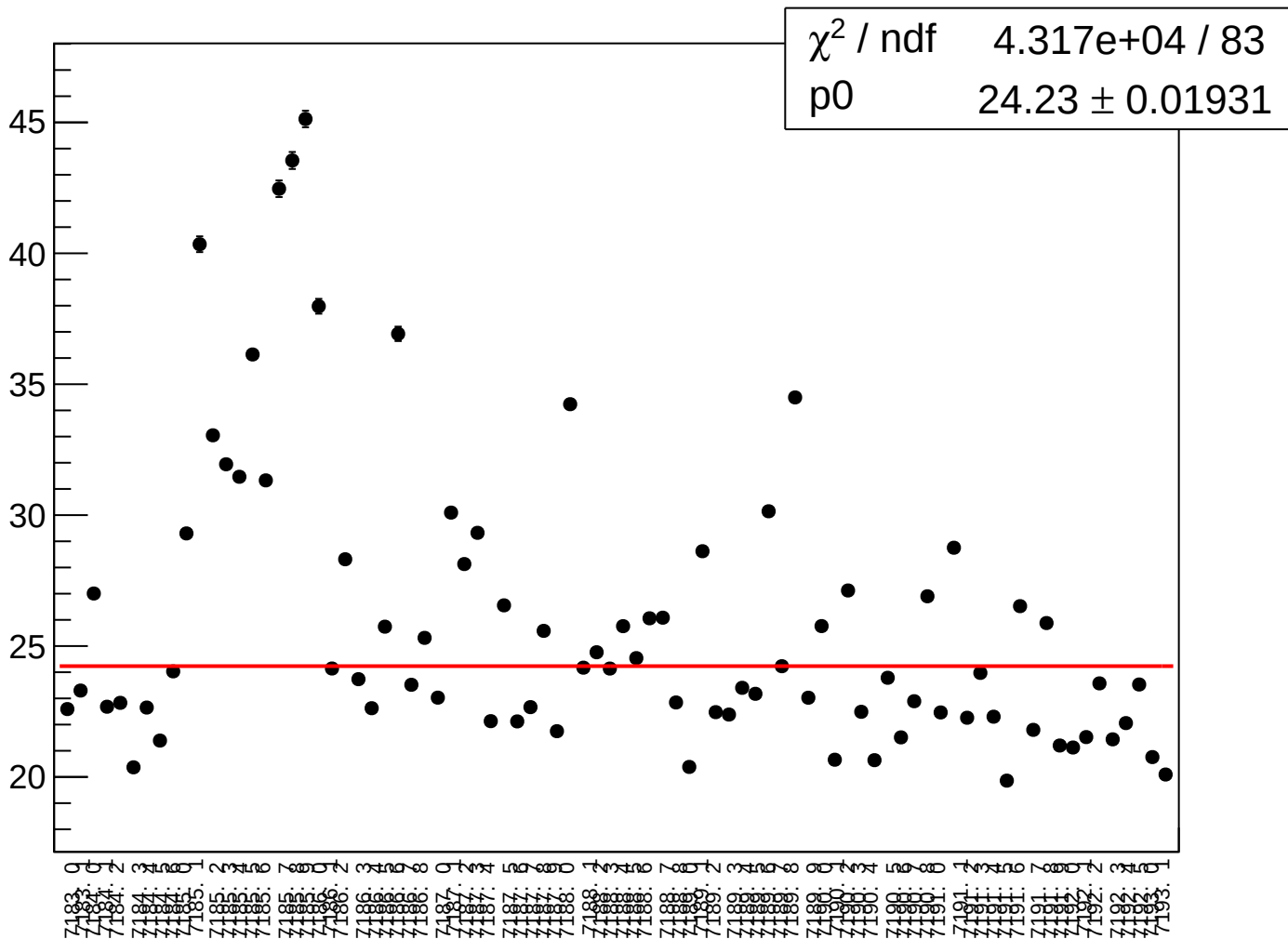
asym_sam_1526_avg_reg_vs_cor_diff_rms vs run



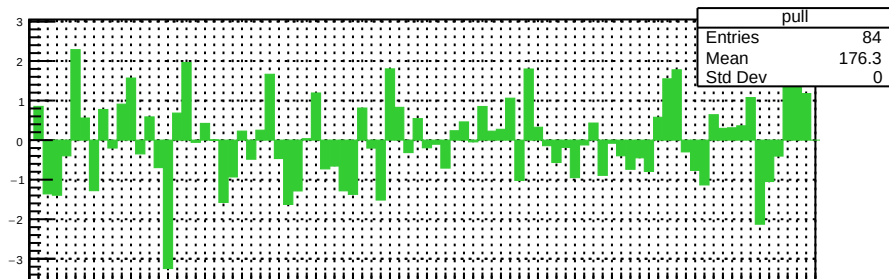
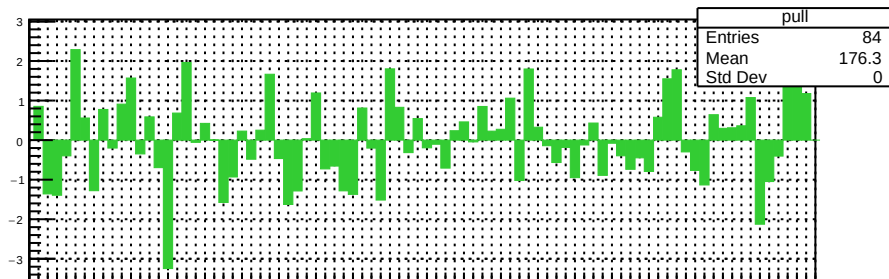
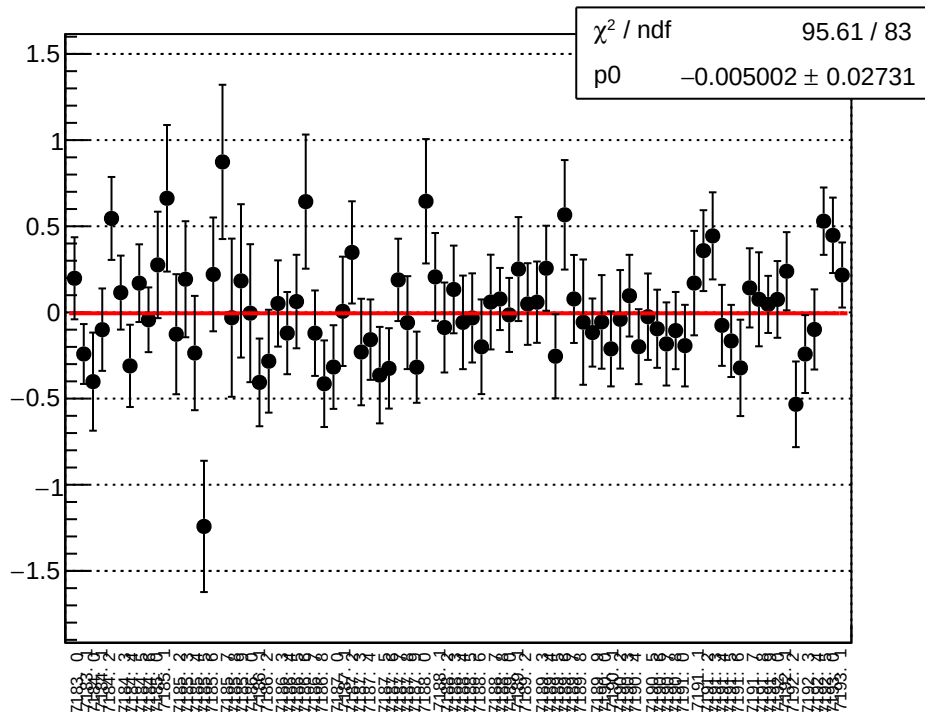
asym_sam_1526_avg_dit_vs_cor_diff_mean vs run



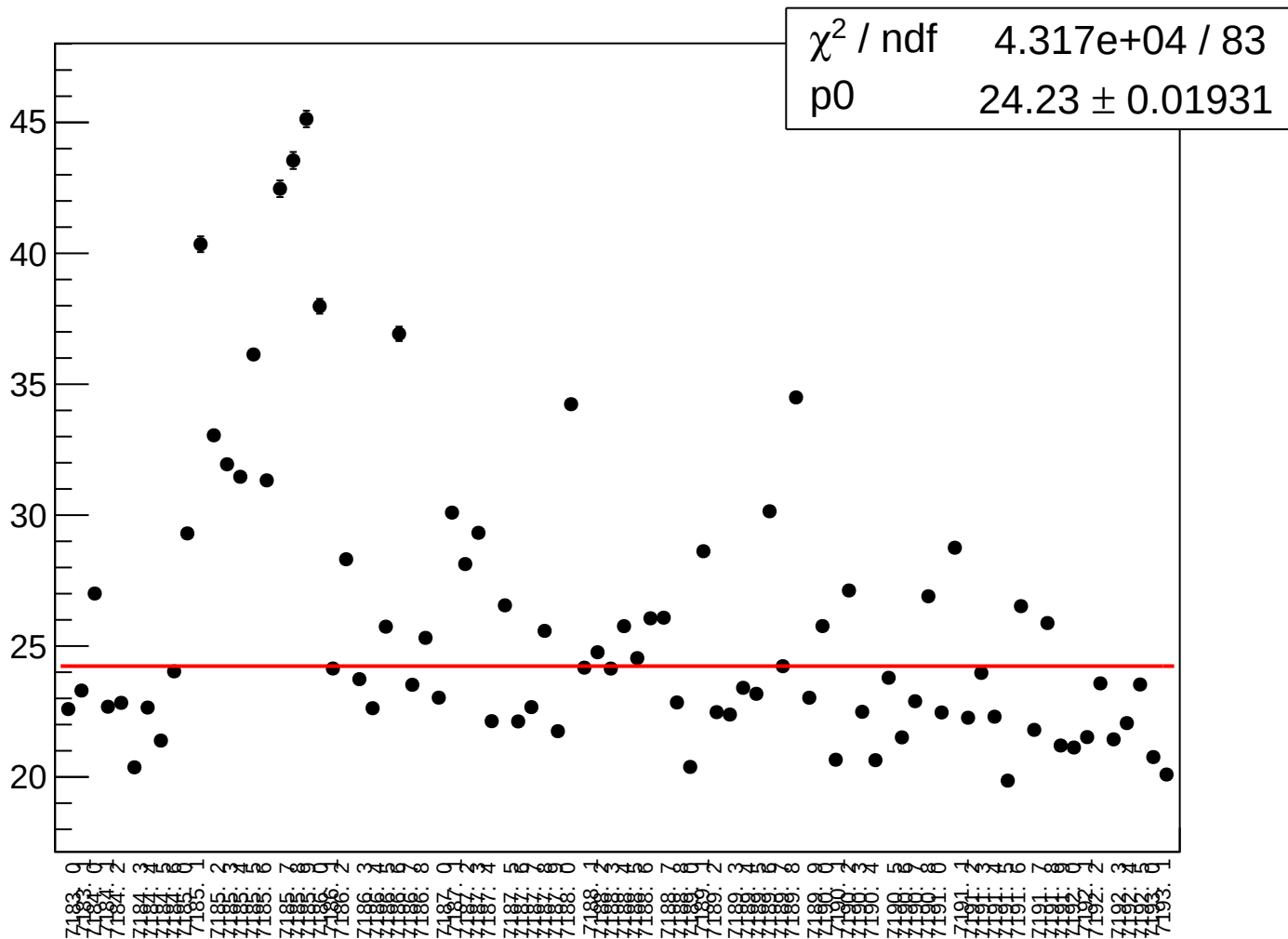
asym_sam_1526_avg_dit_vs_cor_diff_rms vs run



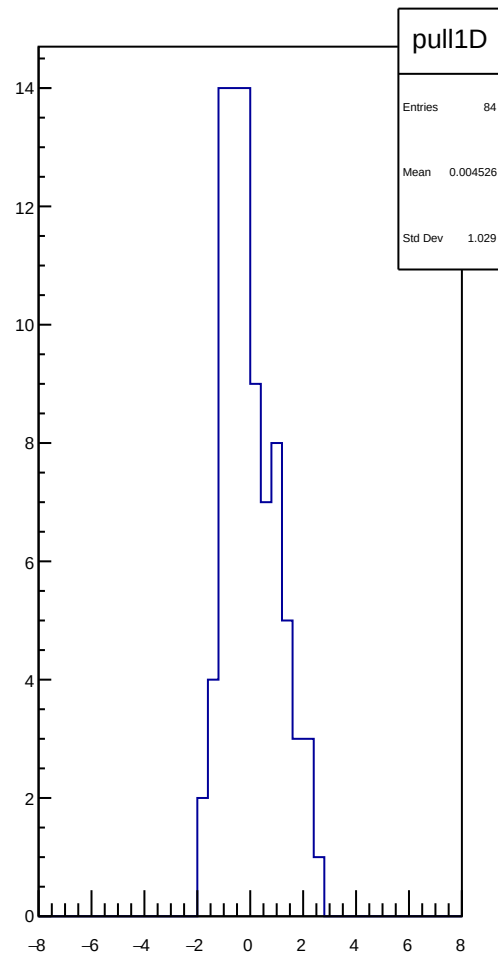
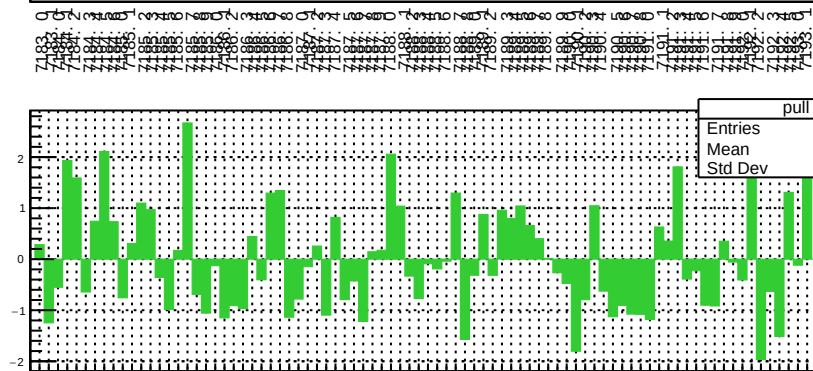
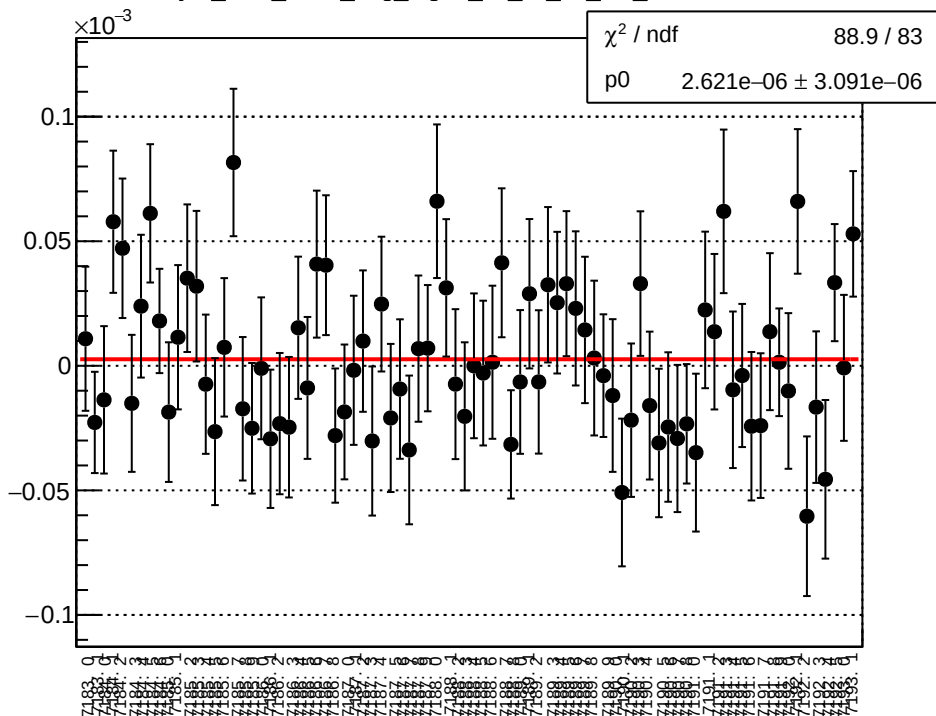
asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs run



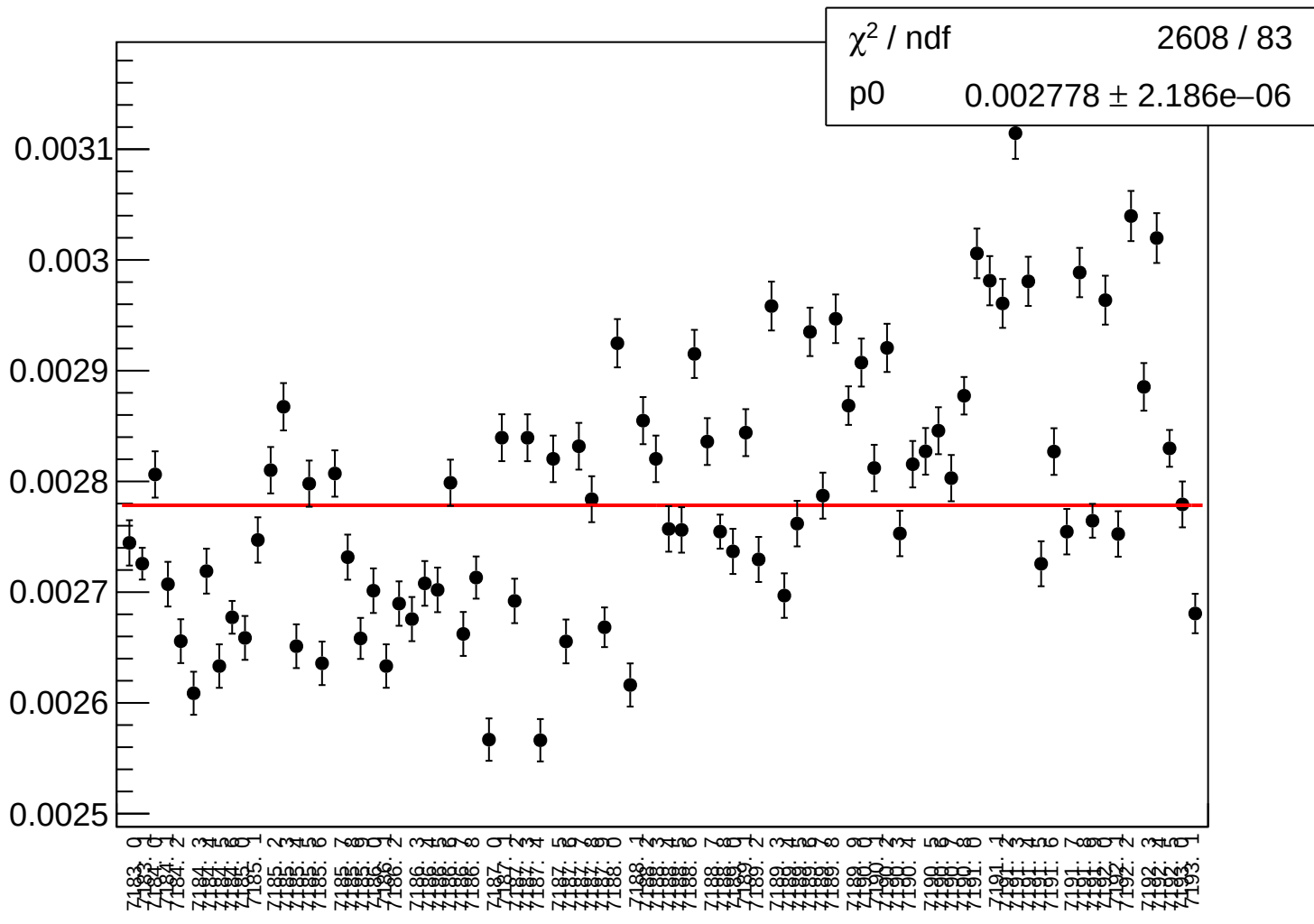
asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs run



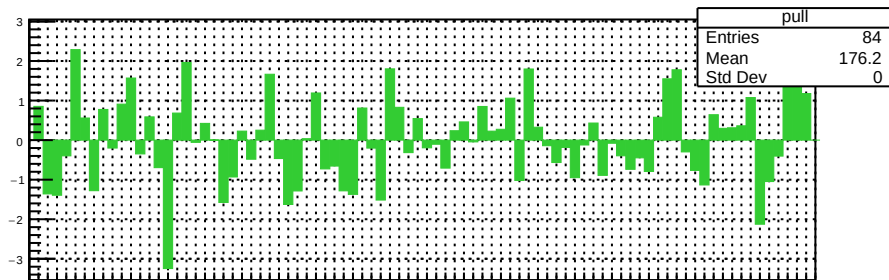
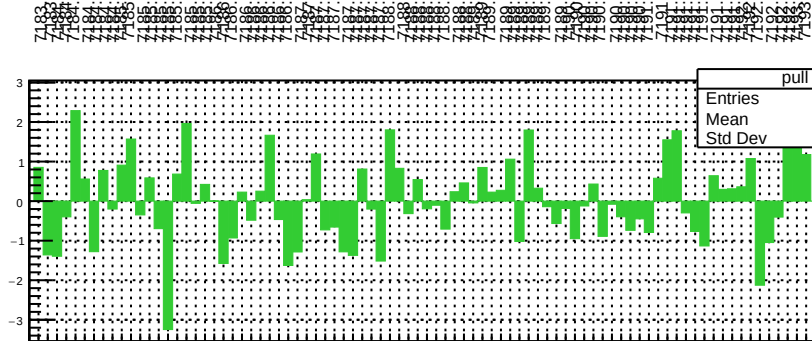
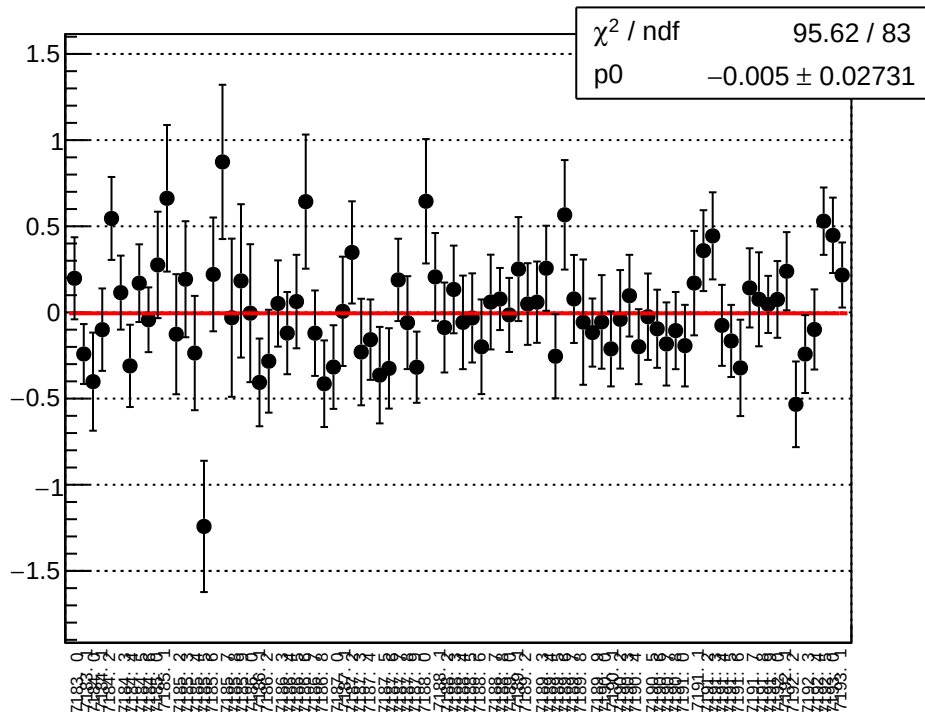
asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs un



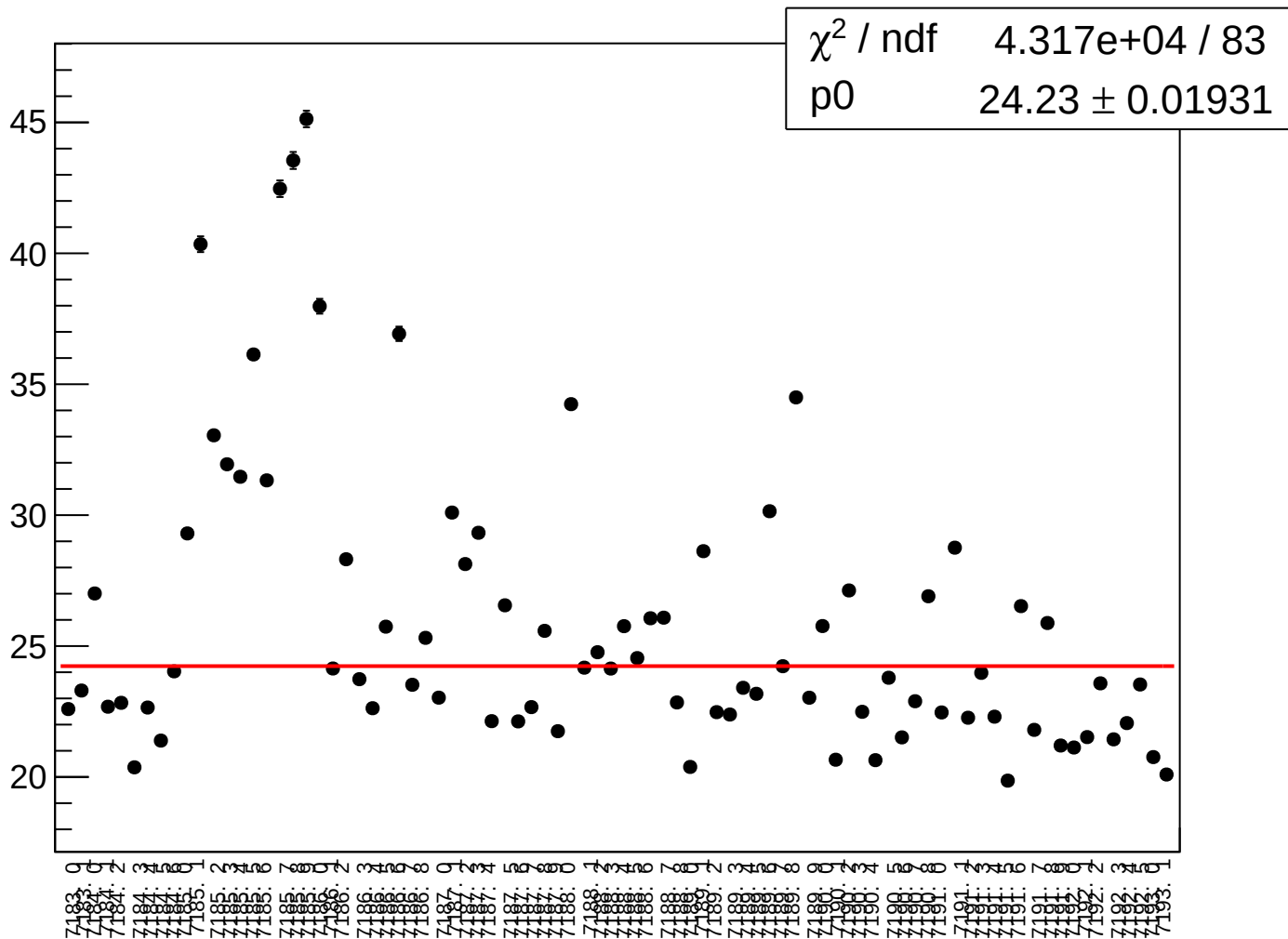
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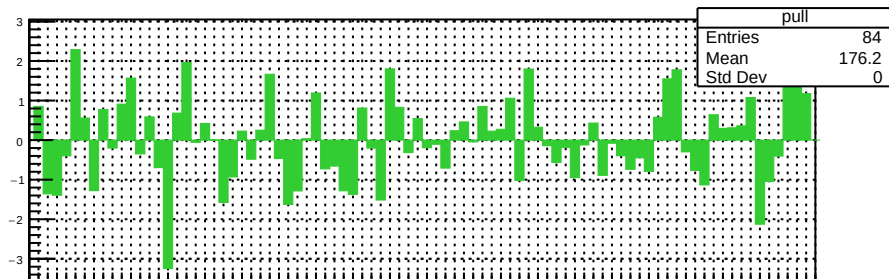
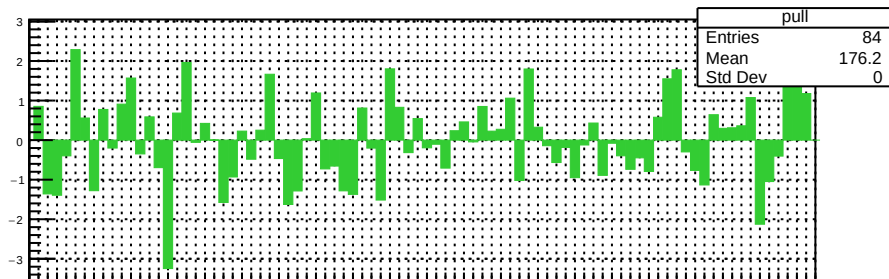
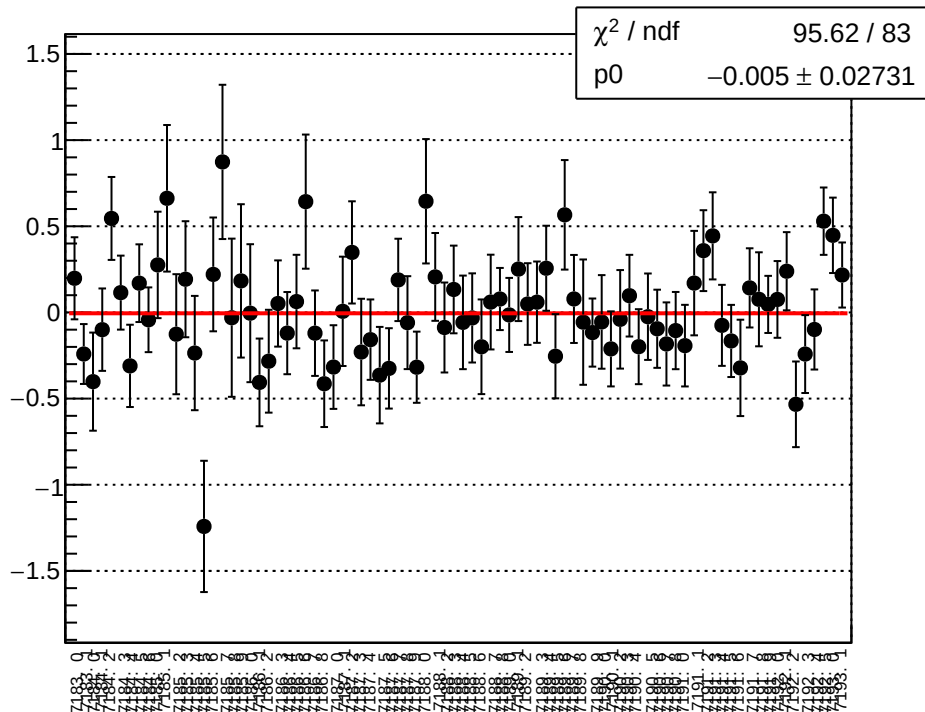
asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs run



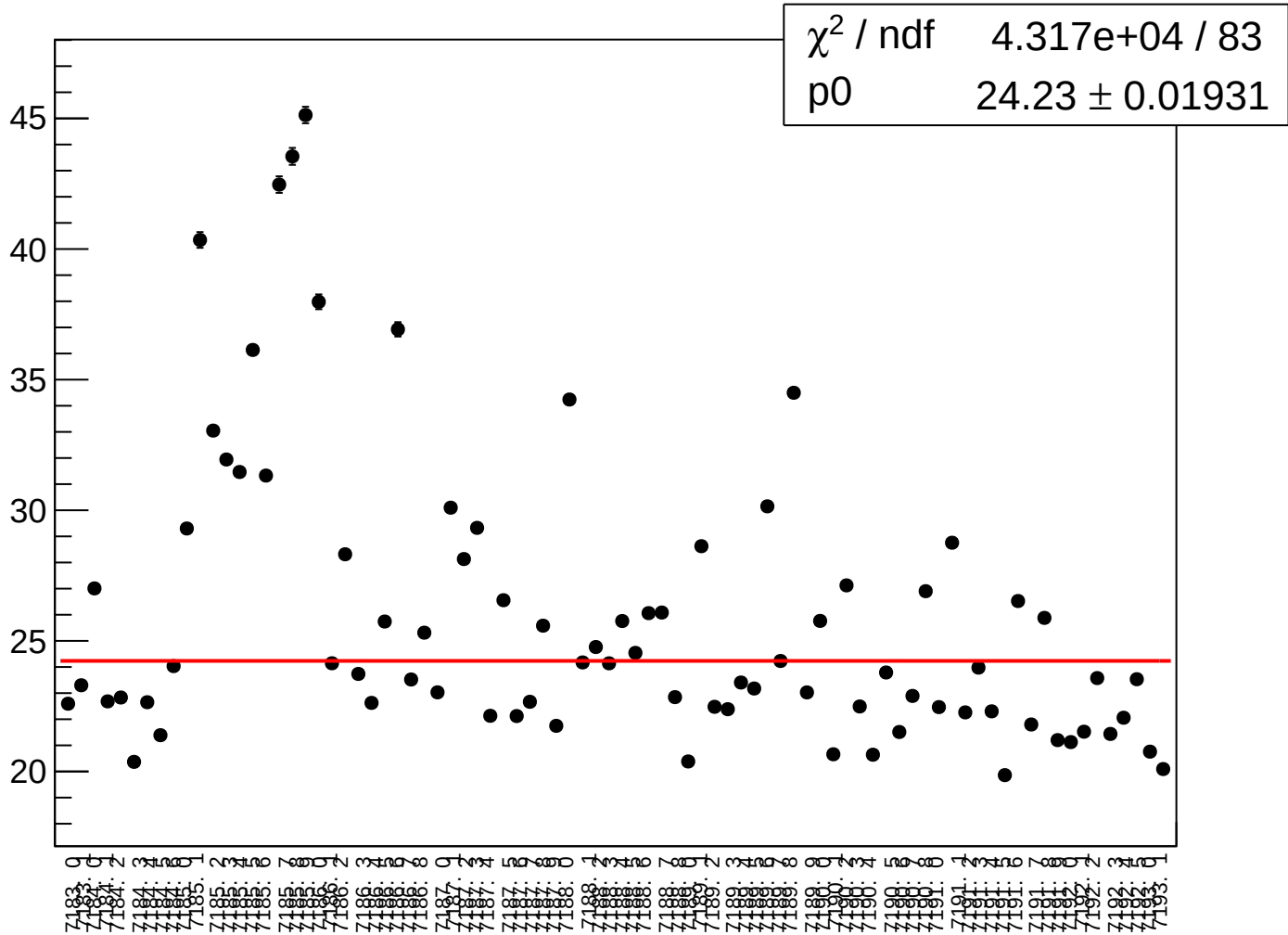
asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs run



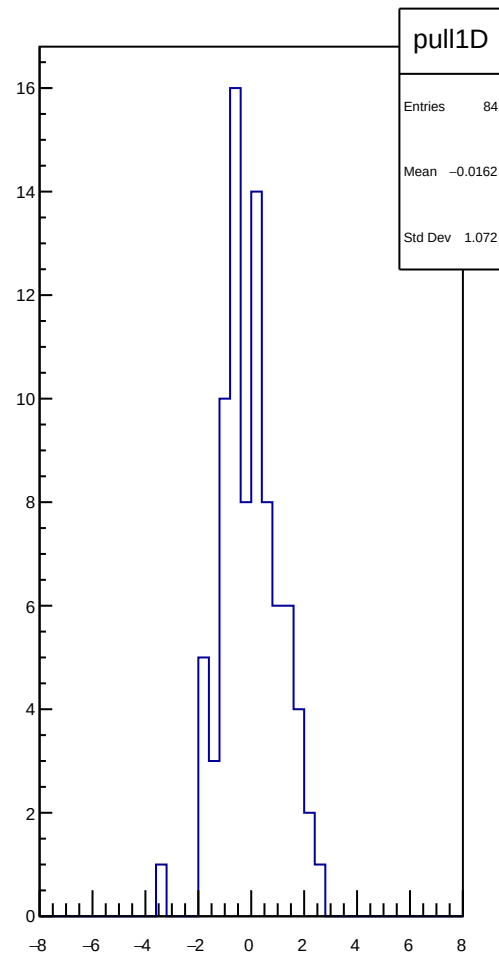
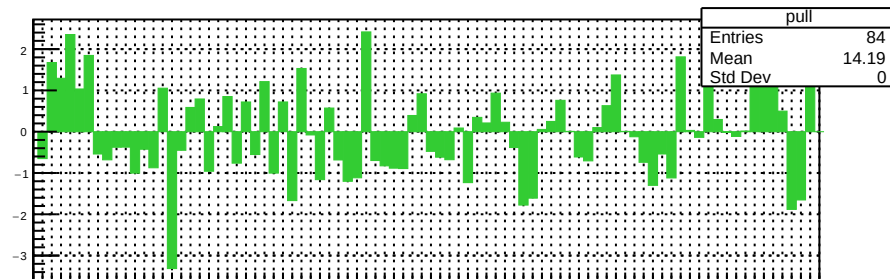
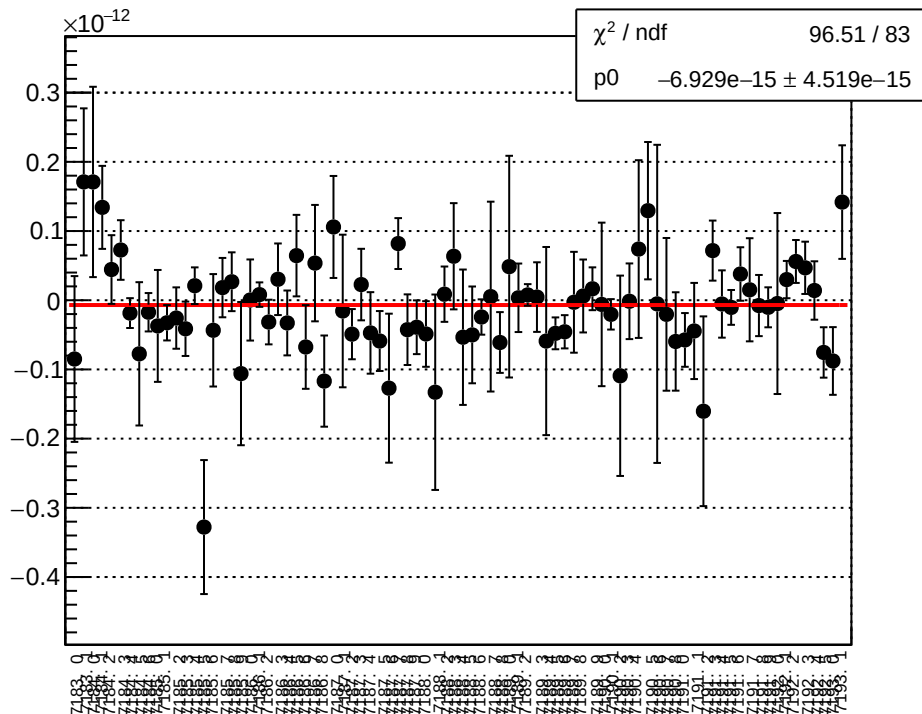
asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



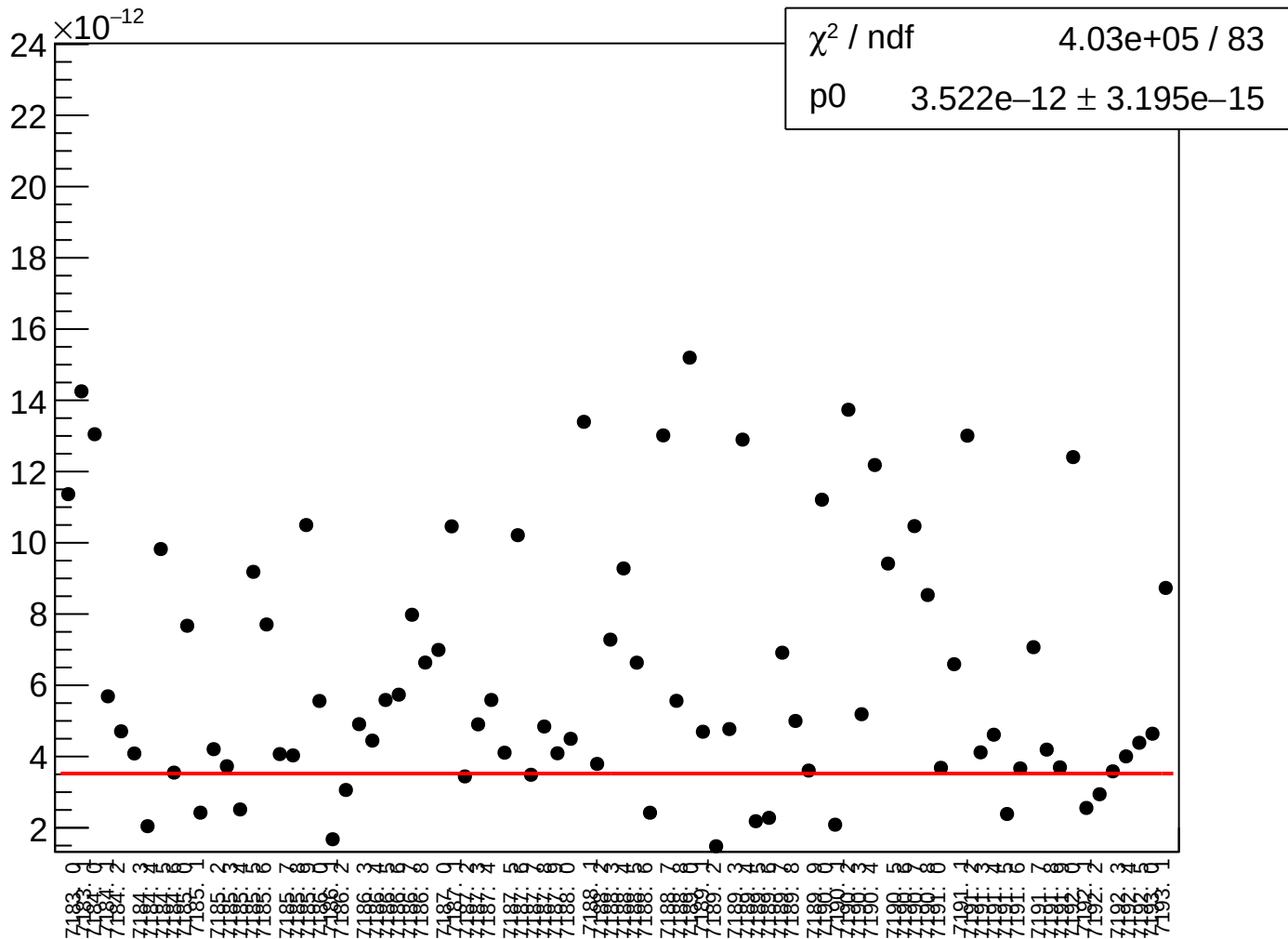
asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



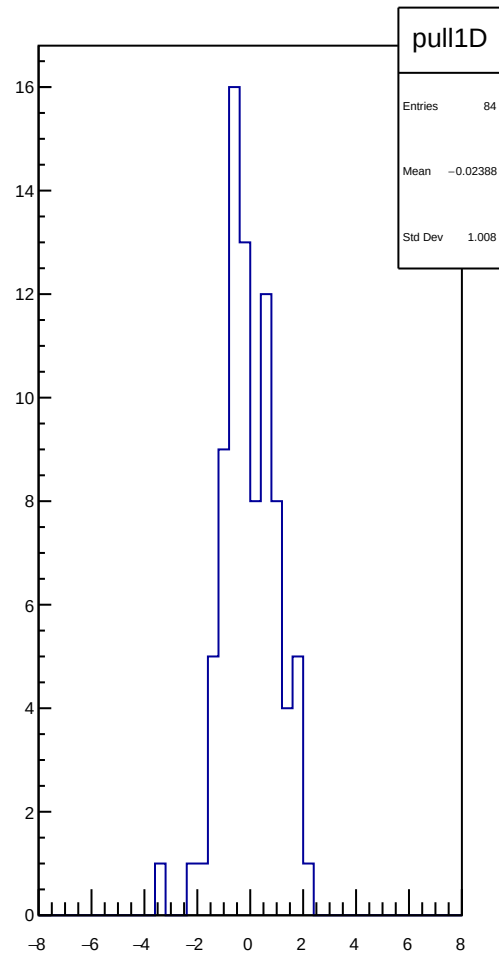
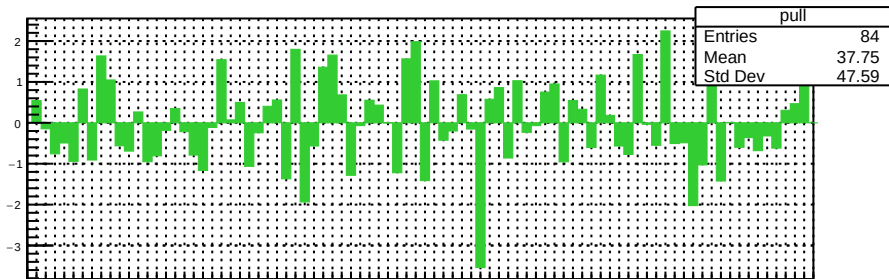
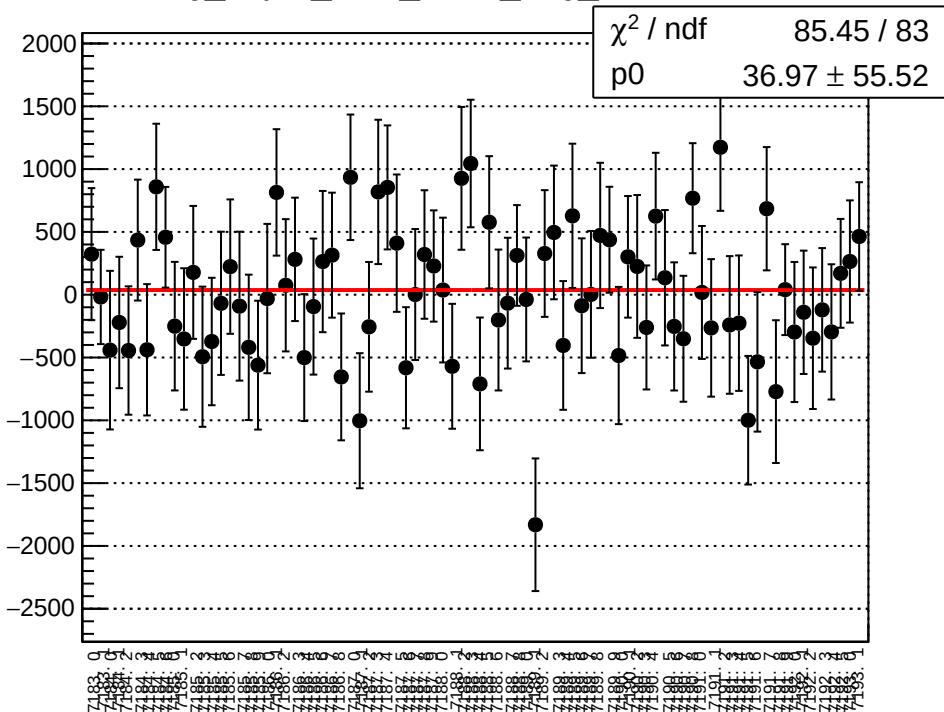
asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_3726_avg_mean vs run



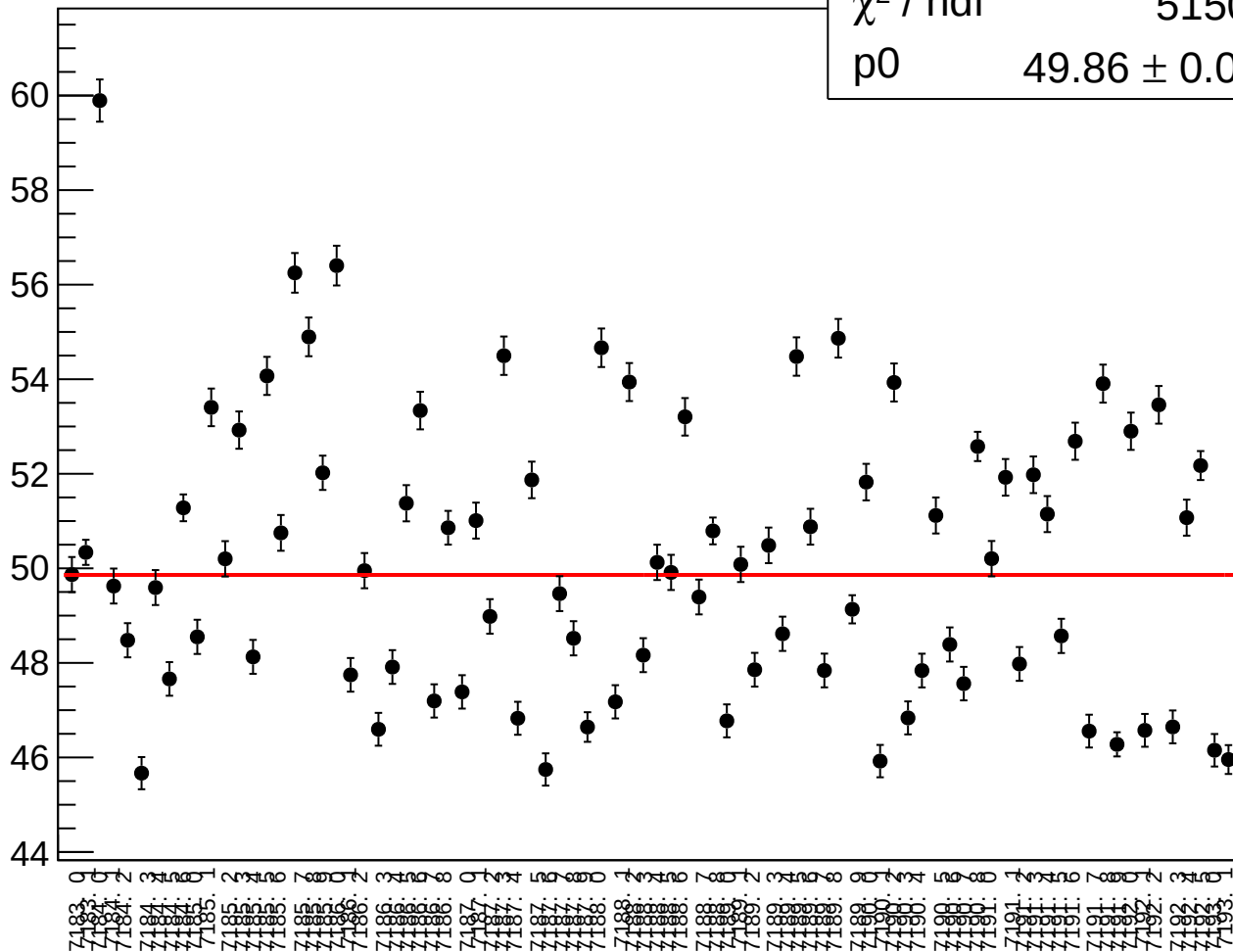
reg_asym_sam_3726_avg_rms vs run

χ^2 / ndf

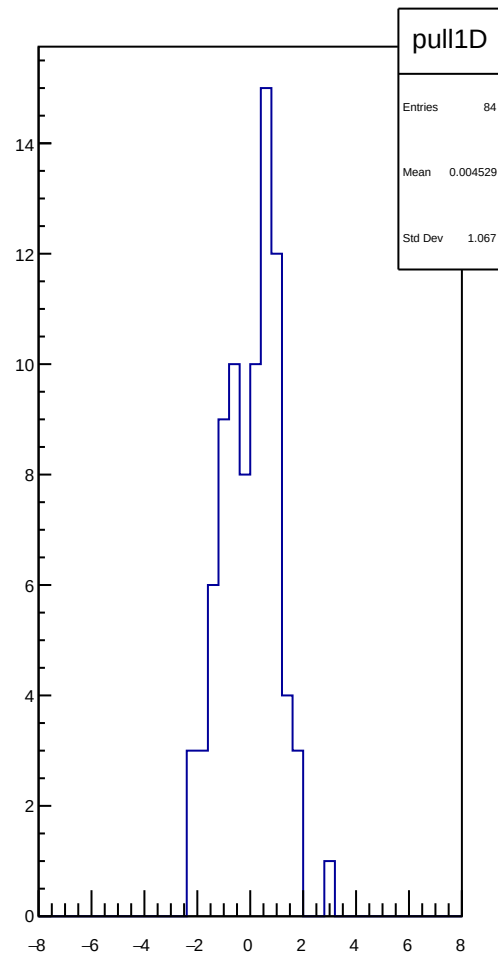
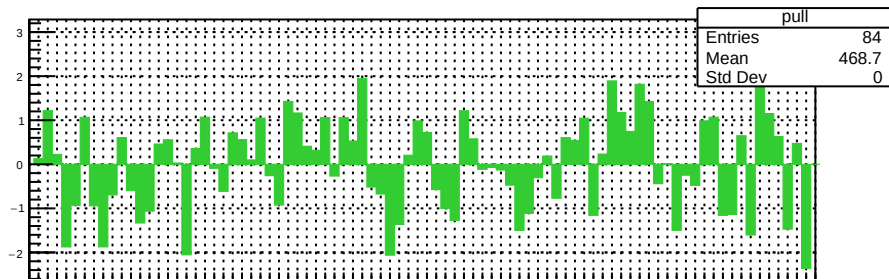
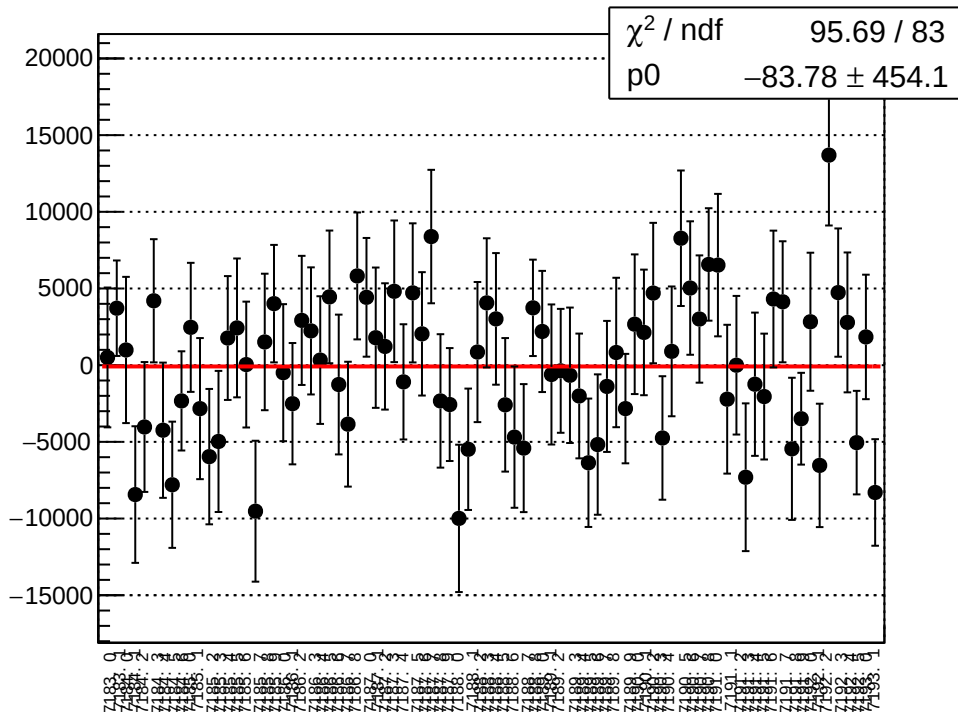
5150 / 83

p0

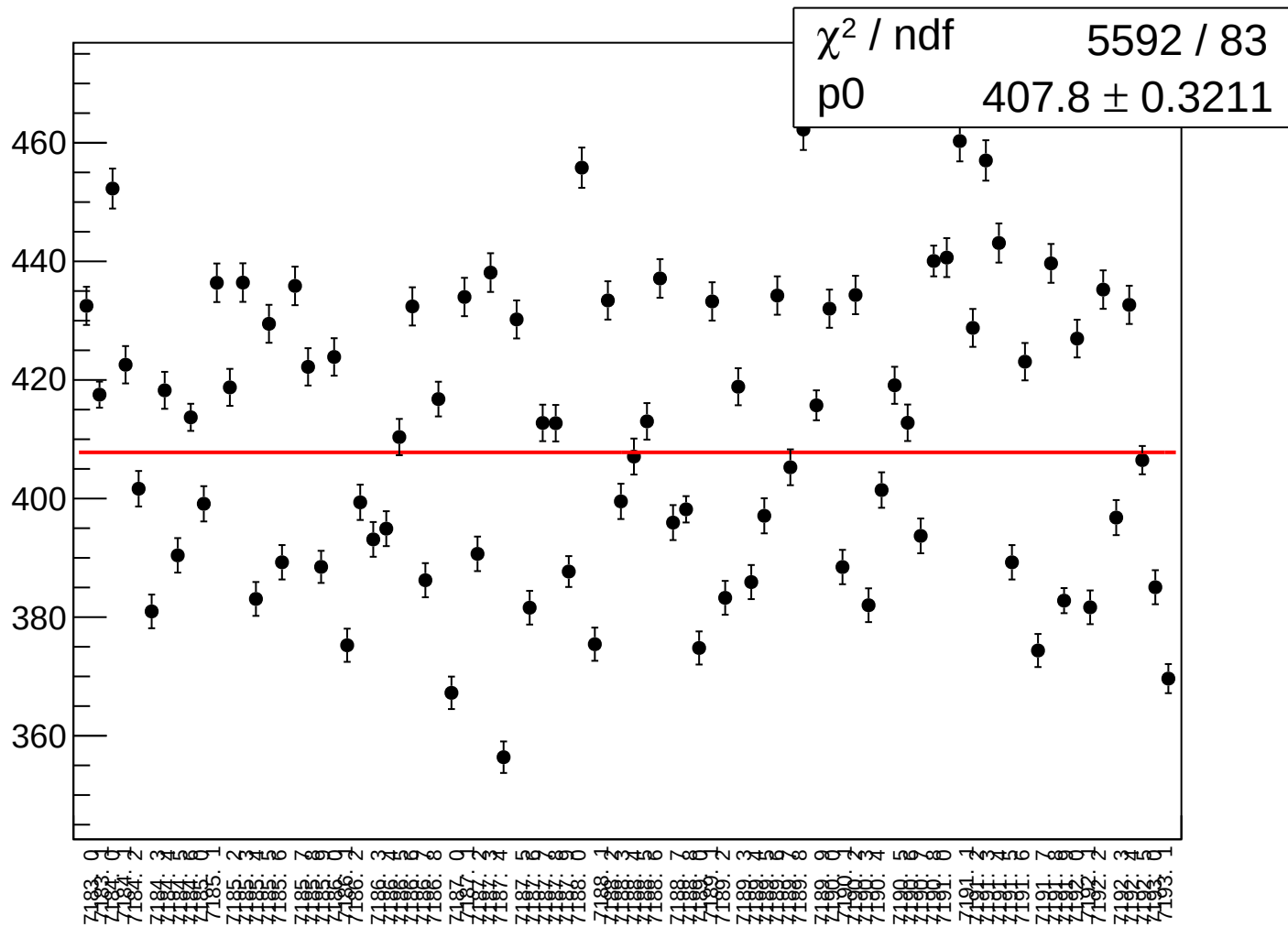
49.86 ± 0.03926



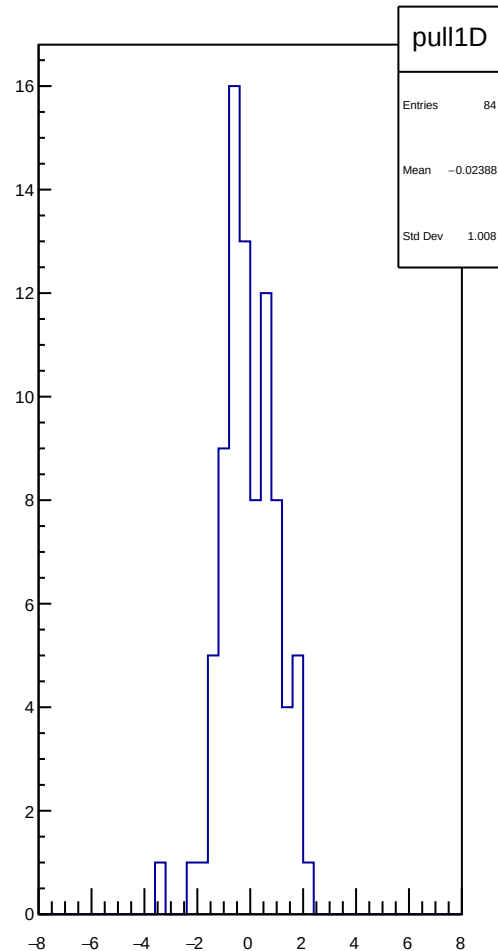
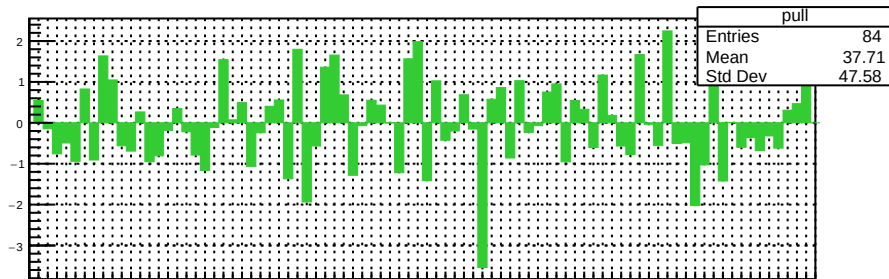
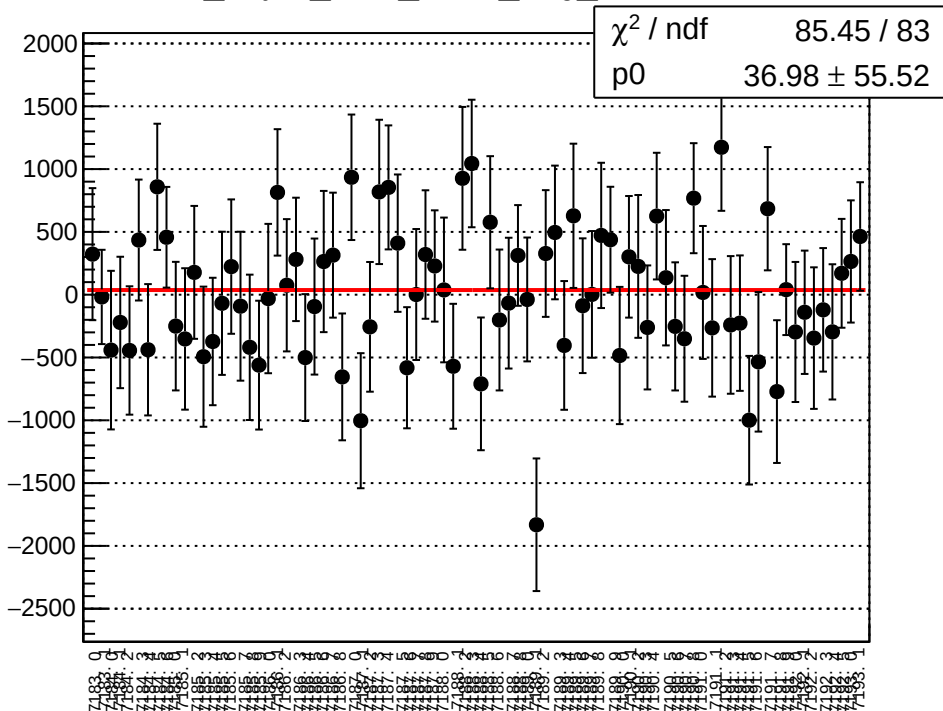
asym_sam_3726_avg_reg_correction_mean vs run



asym_sam_3726_avg_reg_correction_rms vs run



cor_asym_sam_3726_avg_mean vs run

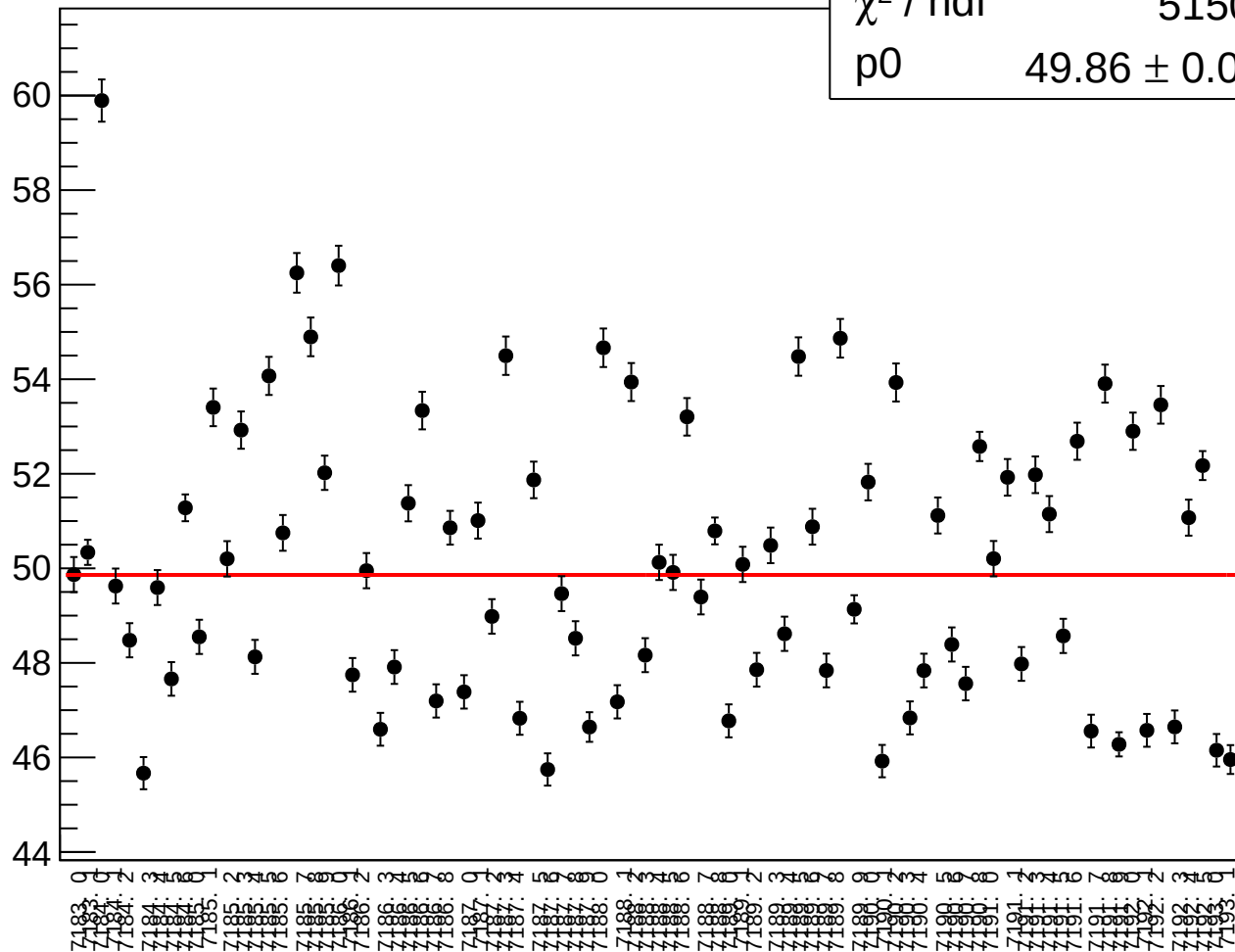


cor_asym_sam_3726_avg_rms vs run

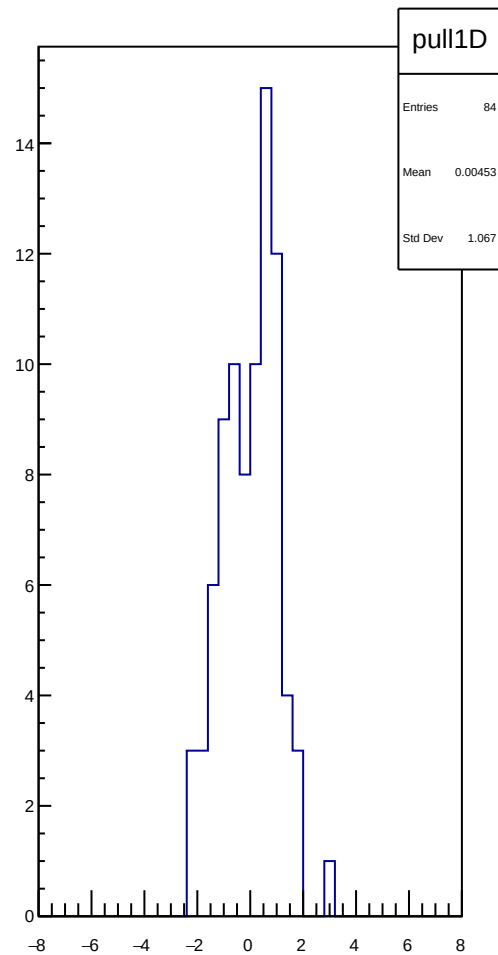
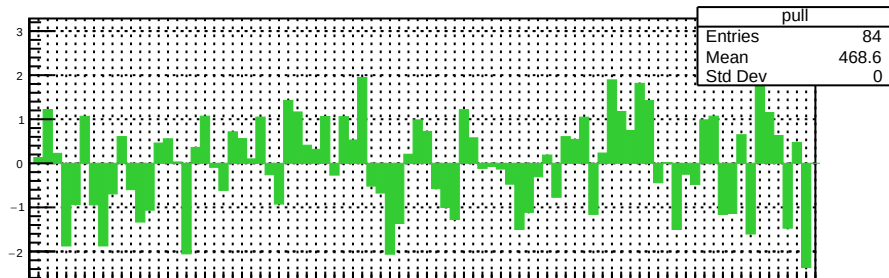
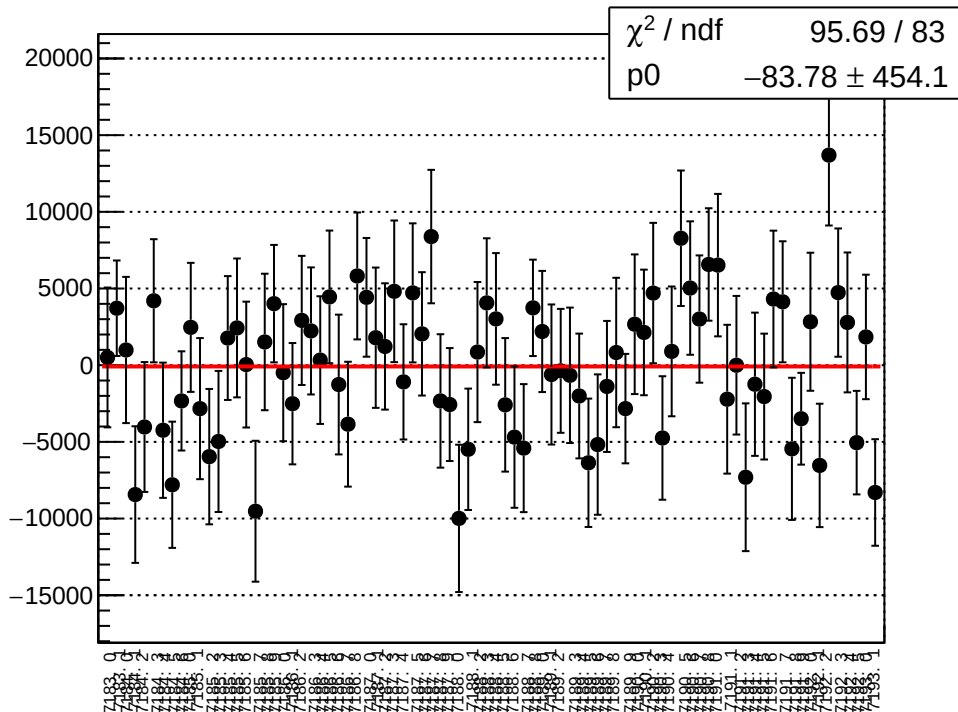
 χ^2 / ndf

5150 / 83

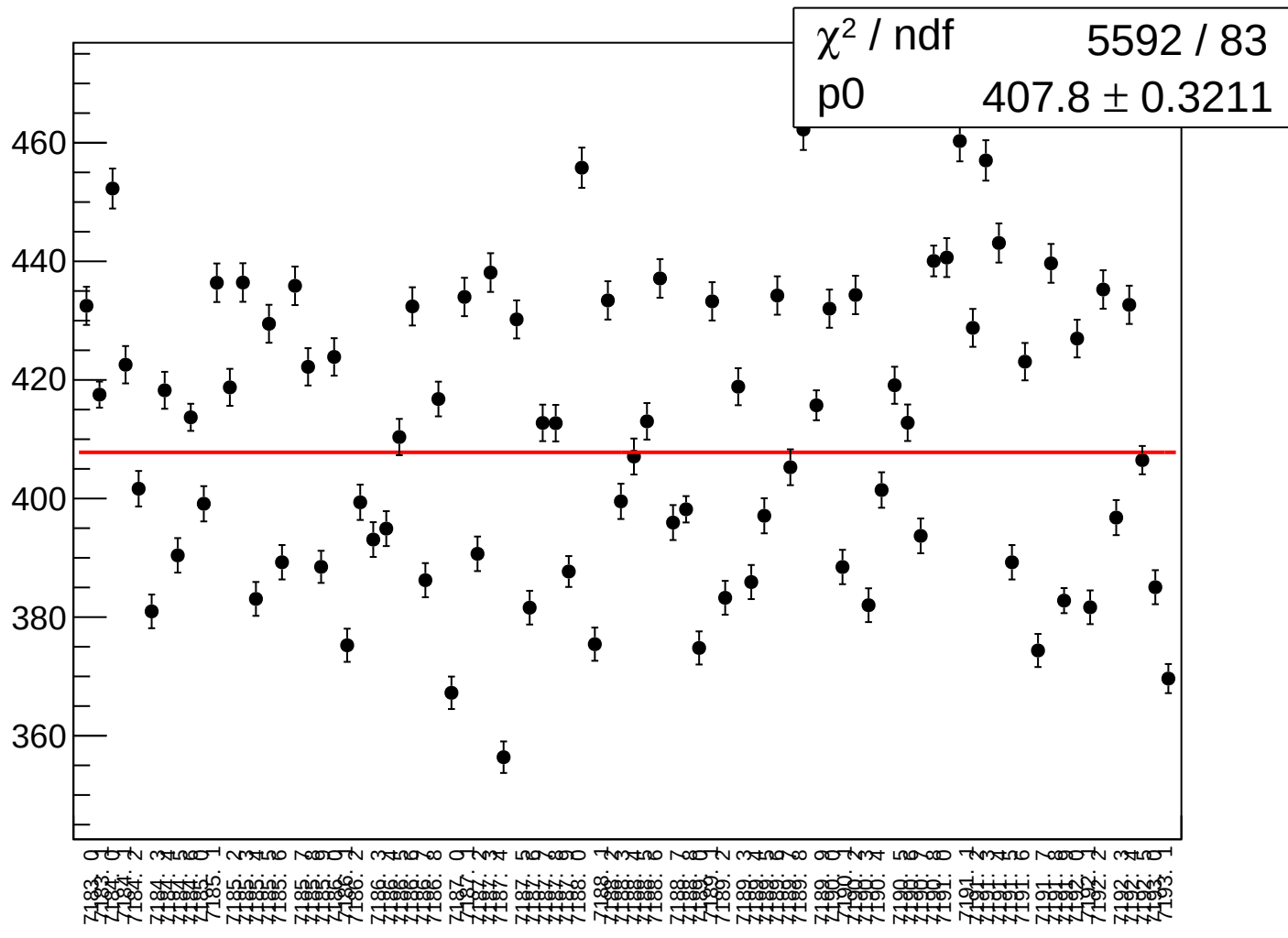
p0

 49.86 ± 0.03926 

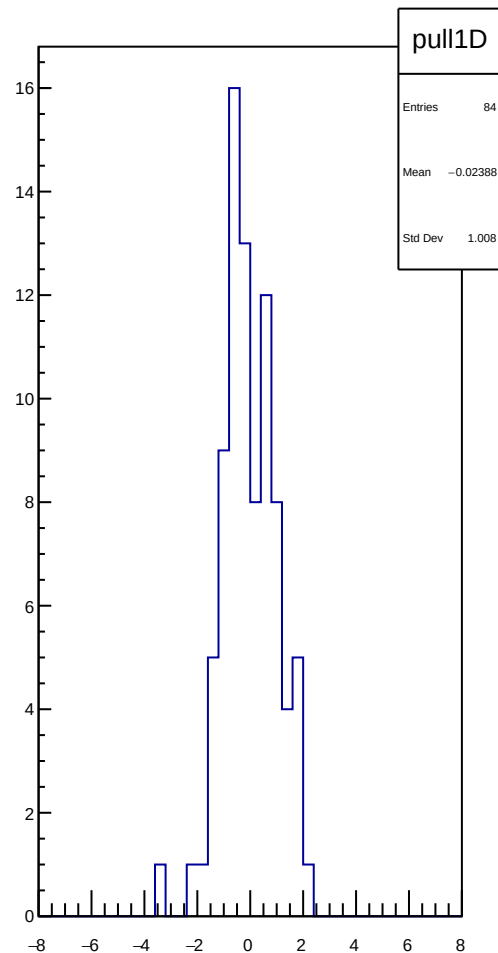
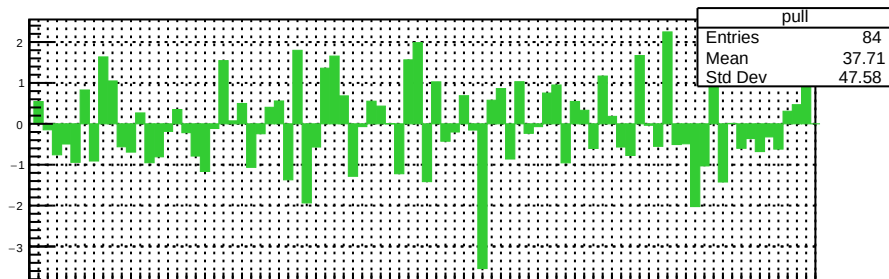
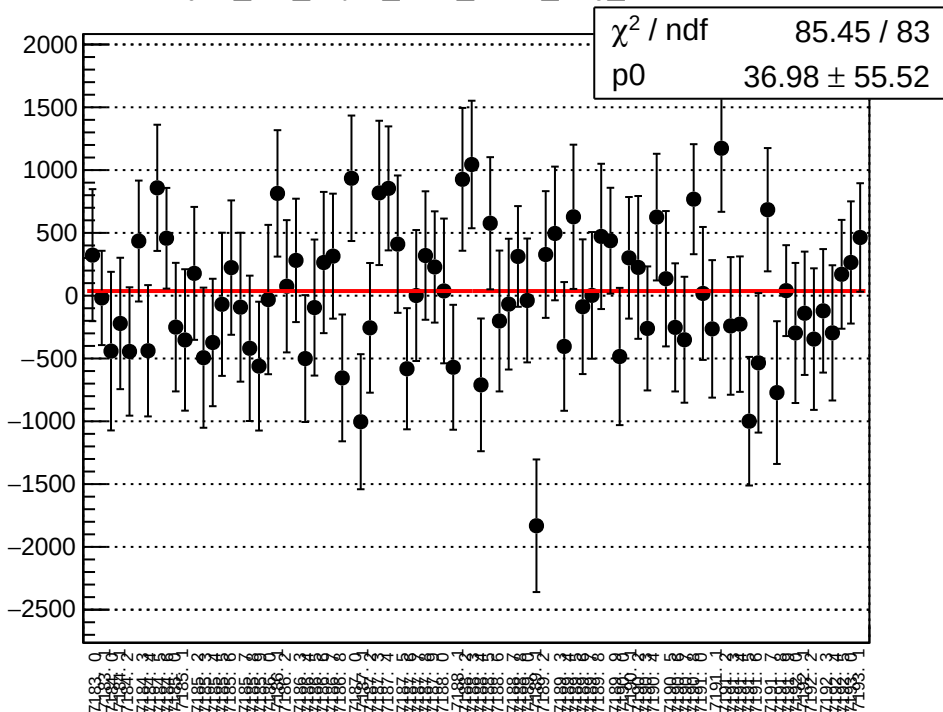
asym_sam_3726_avg_cor_correction_mean vs run



asym_sam_3726_avg_cor_correction_rms vs run



eigen_cor_asym_sam_3726_avg_mean vs run



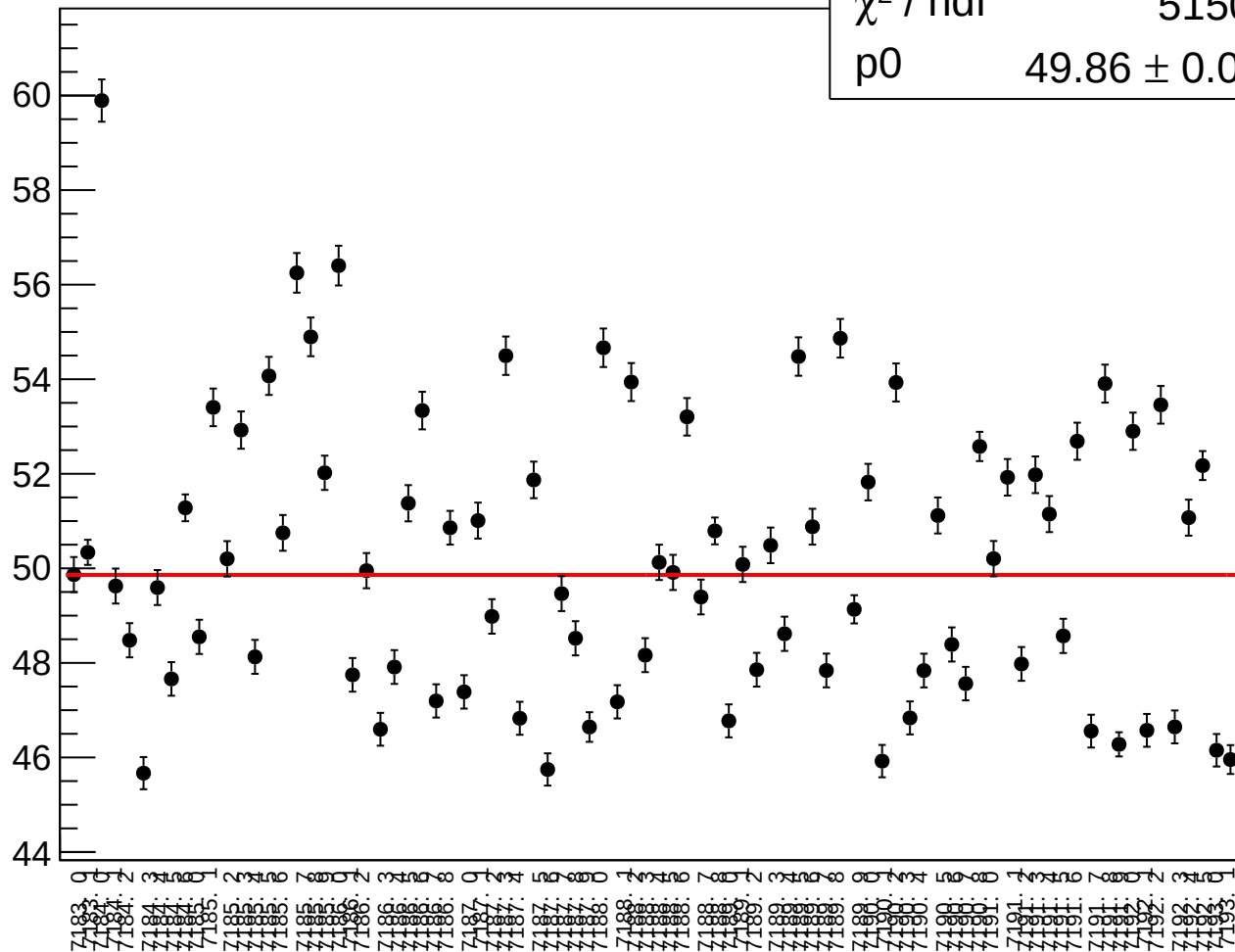
eigen_cor_asym_sam_3726_avg_rms vs run

χ^2 / ndf

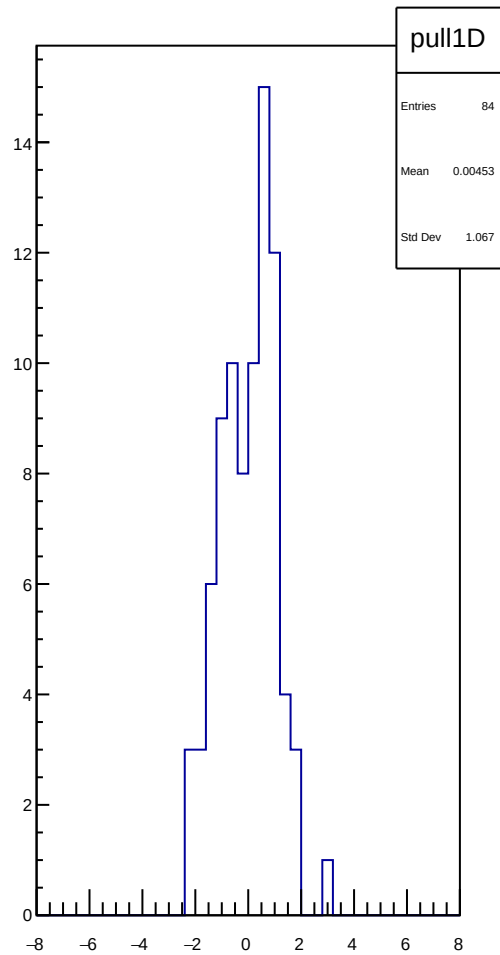
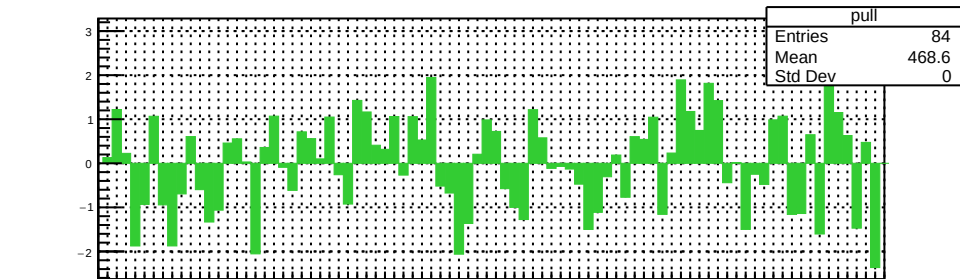
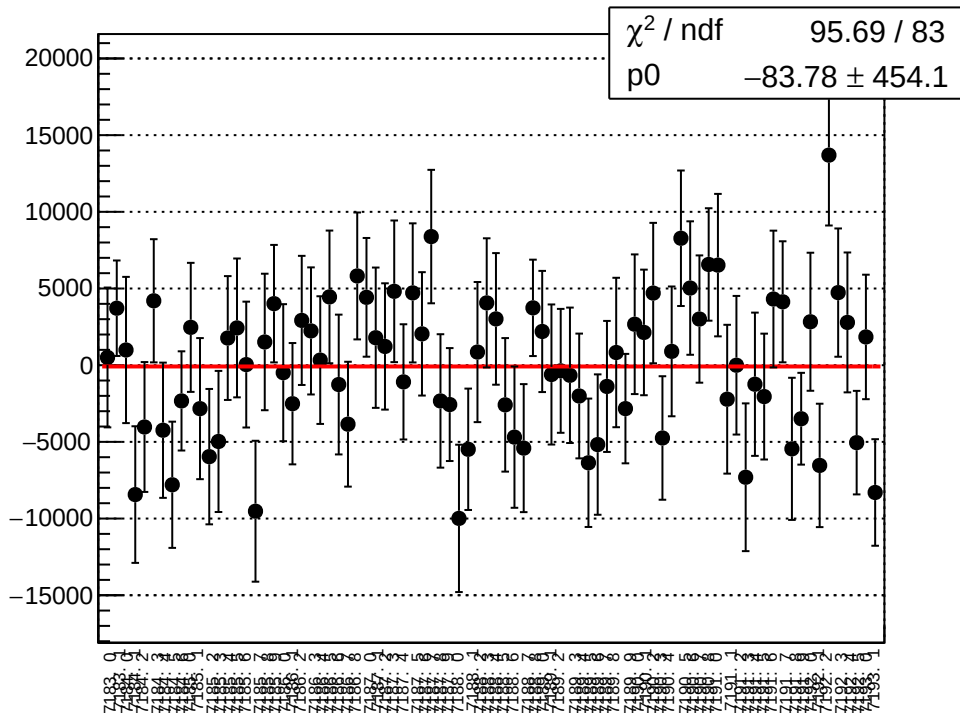
5150 / 83

p0

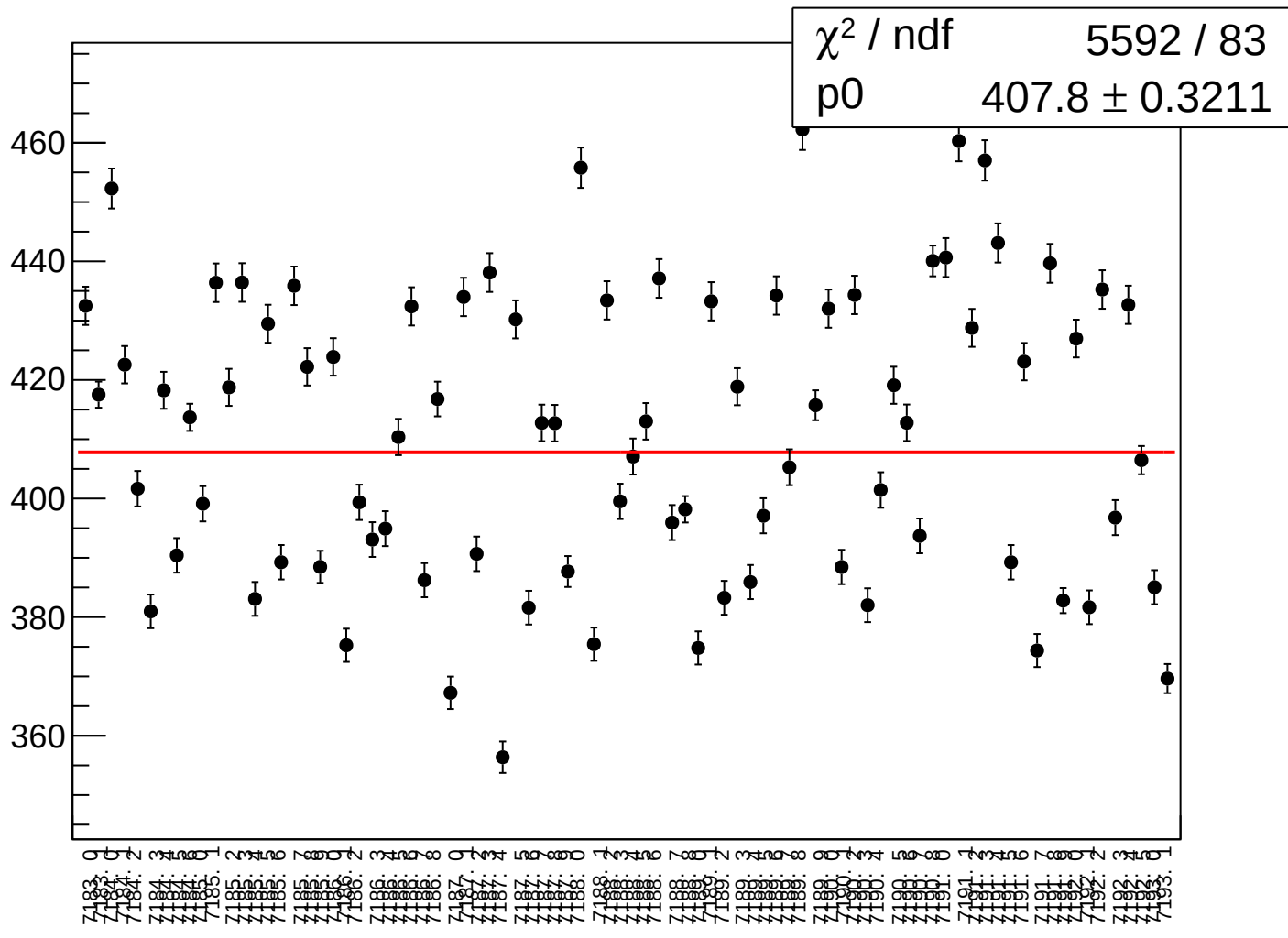
49.86 ± 0.03926



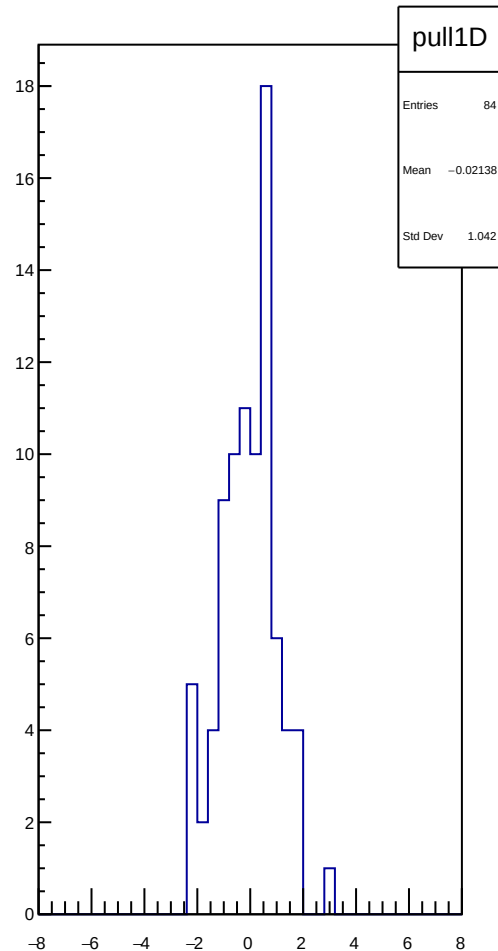
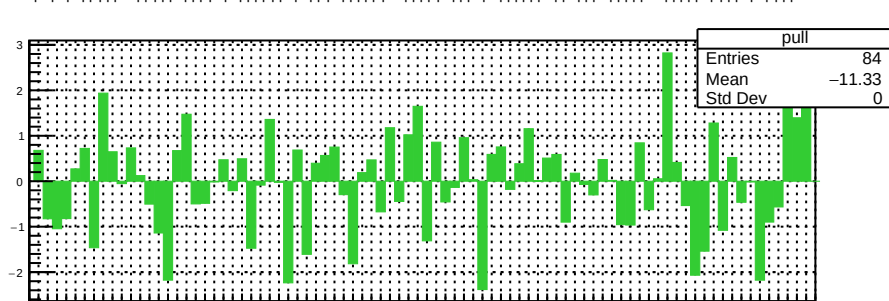
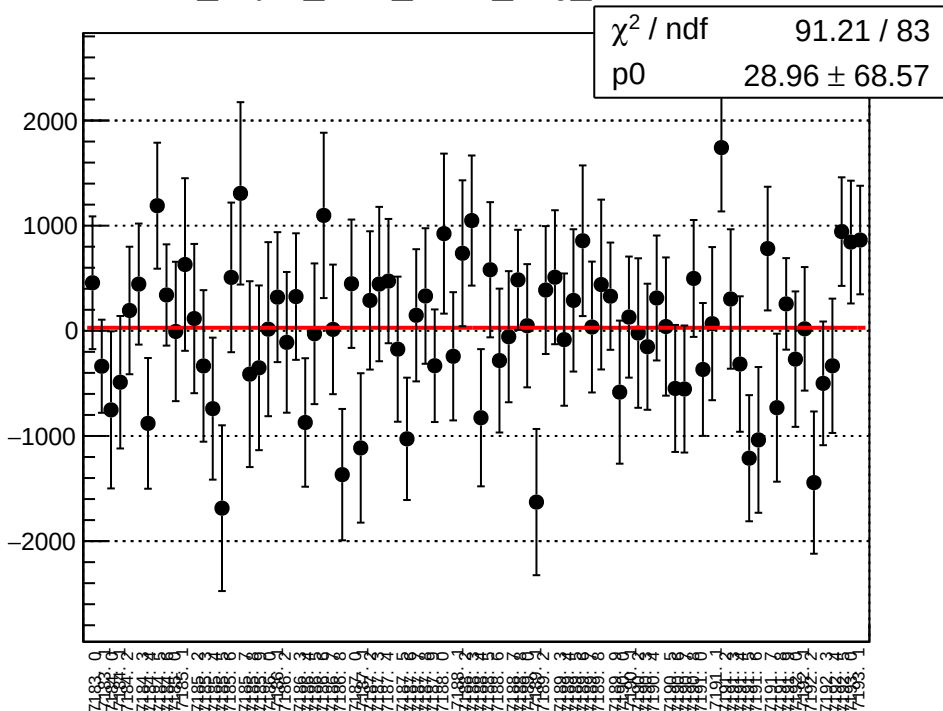
asym_sam_3726_avg_eigen_cor_correction_mean vs run



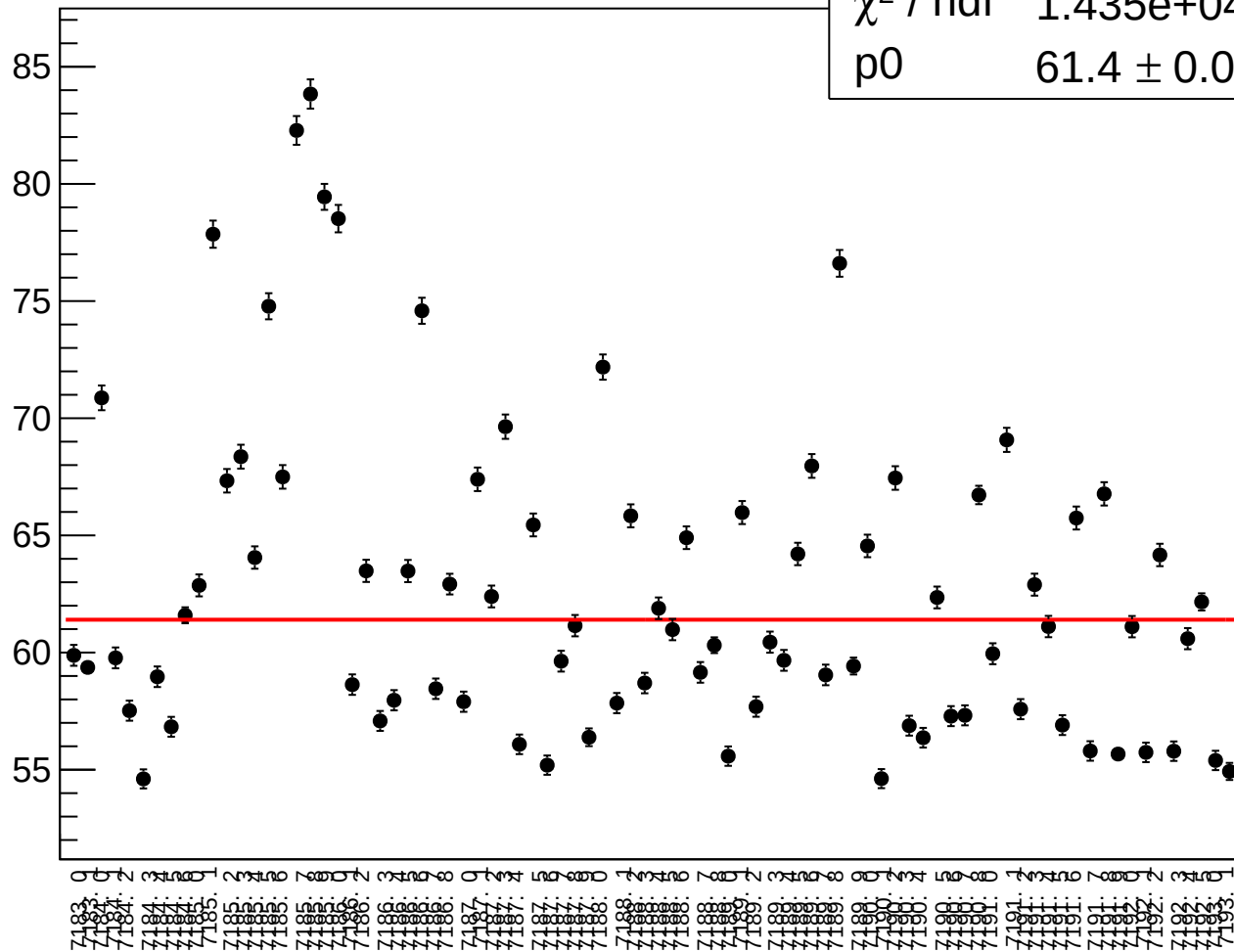
asym_sam_3726_avg_eigen_cor_correction_rms vs run



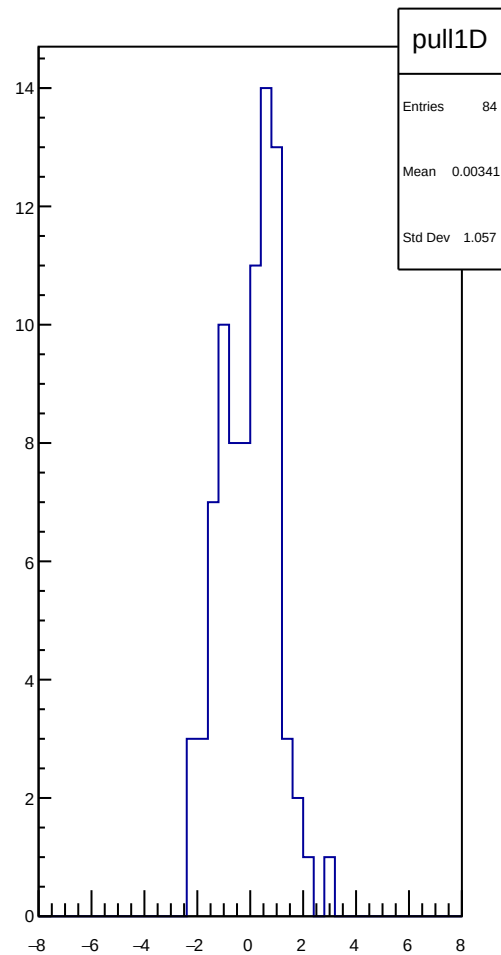
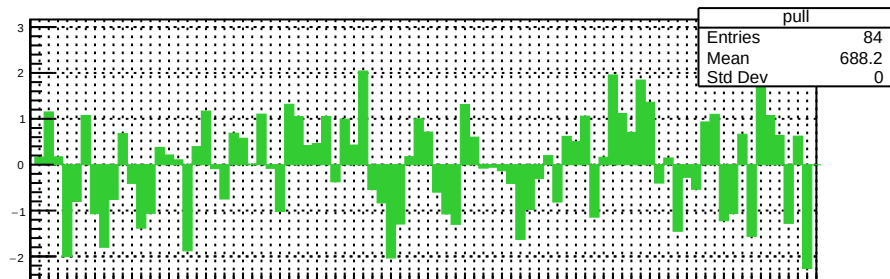
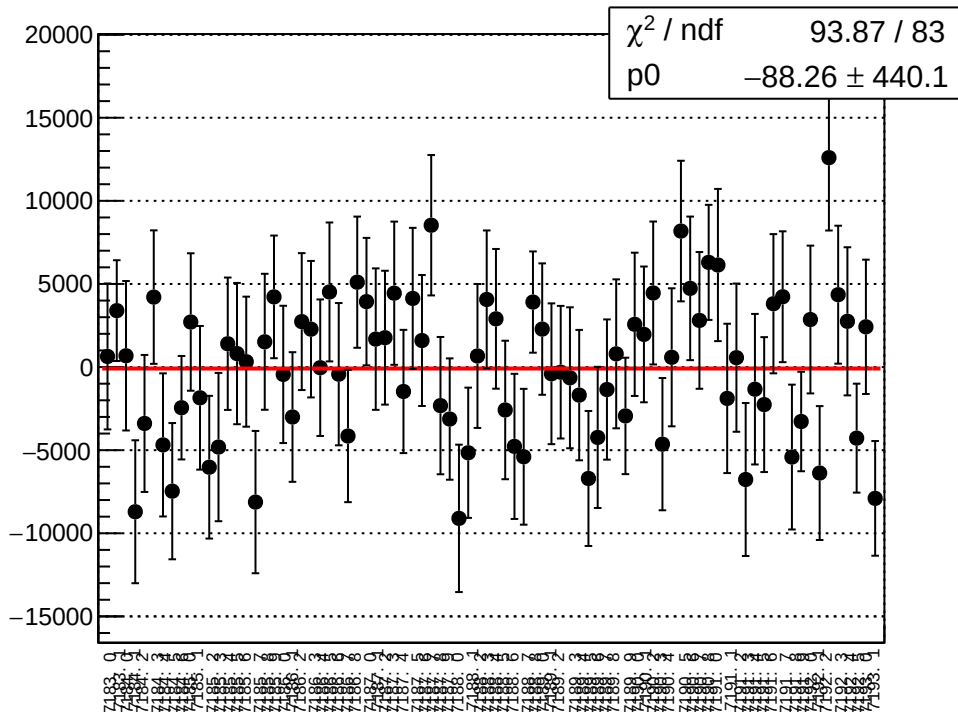
dit_asym_sam_3726_avg_mean vs run



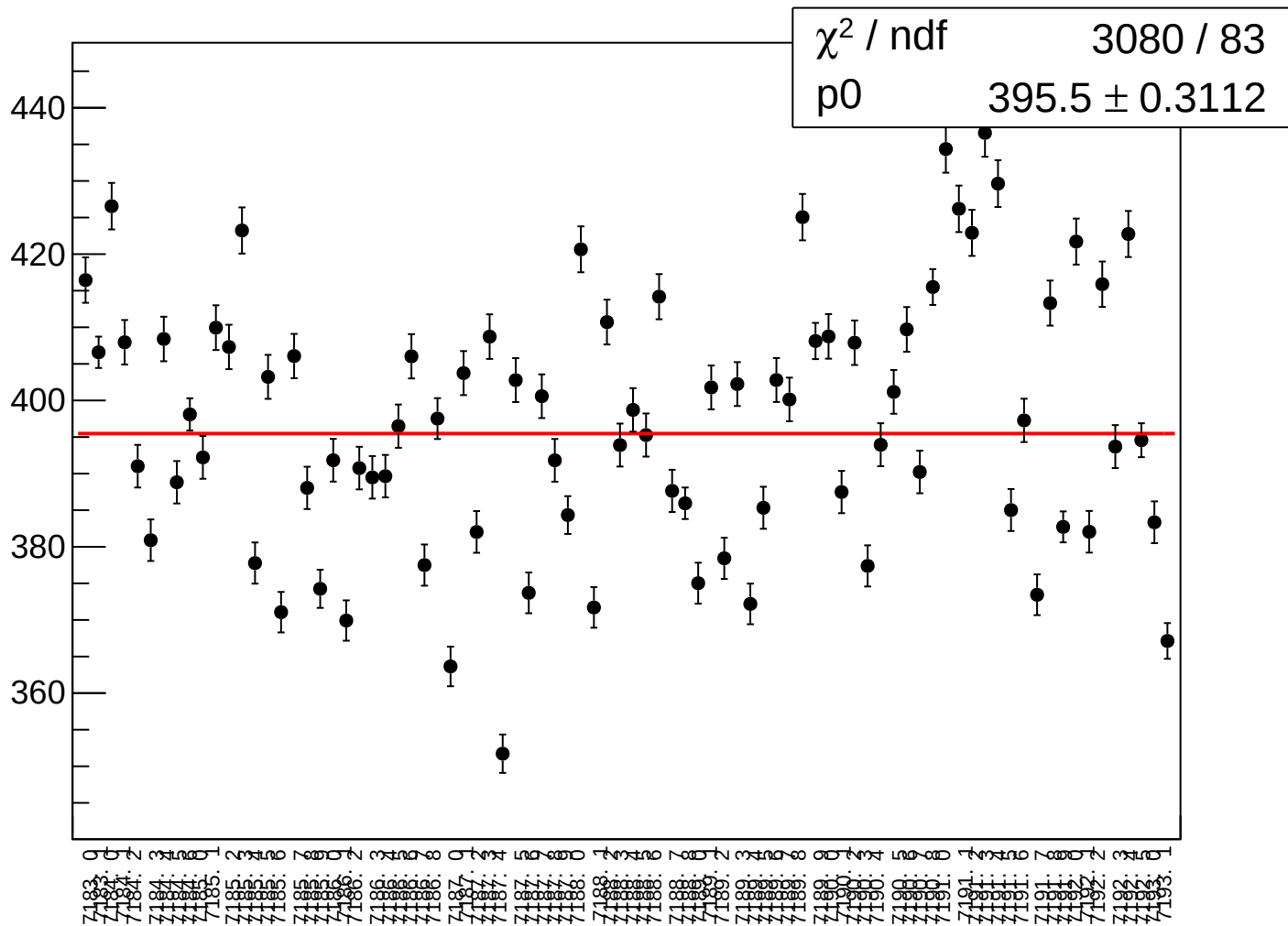
χ^2 / ndf	1.435e+04 / 83
p0	61.4 $\pm$ 0.04848



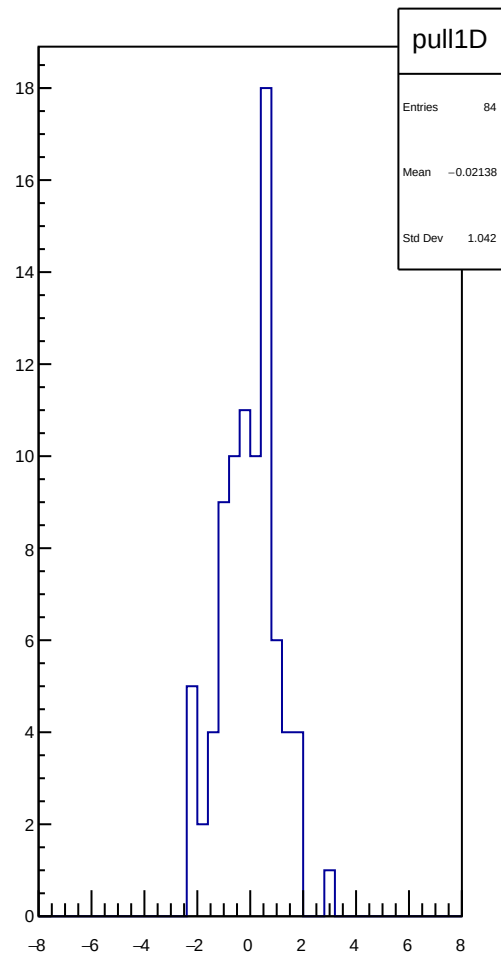
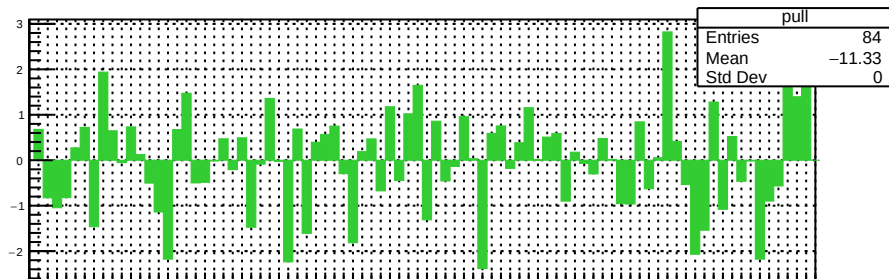
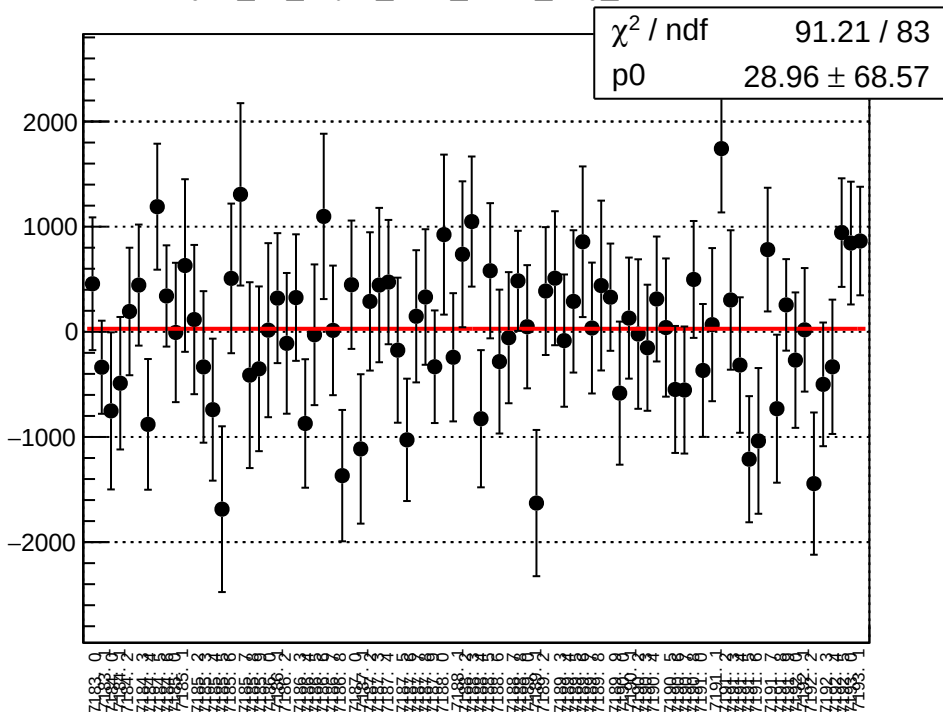
asym_sam_3726_avg_dit_correction_mean vs run



asym_sam_3726_avg_dit_correction_rms vs run

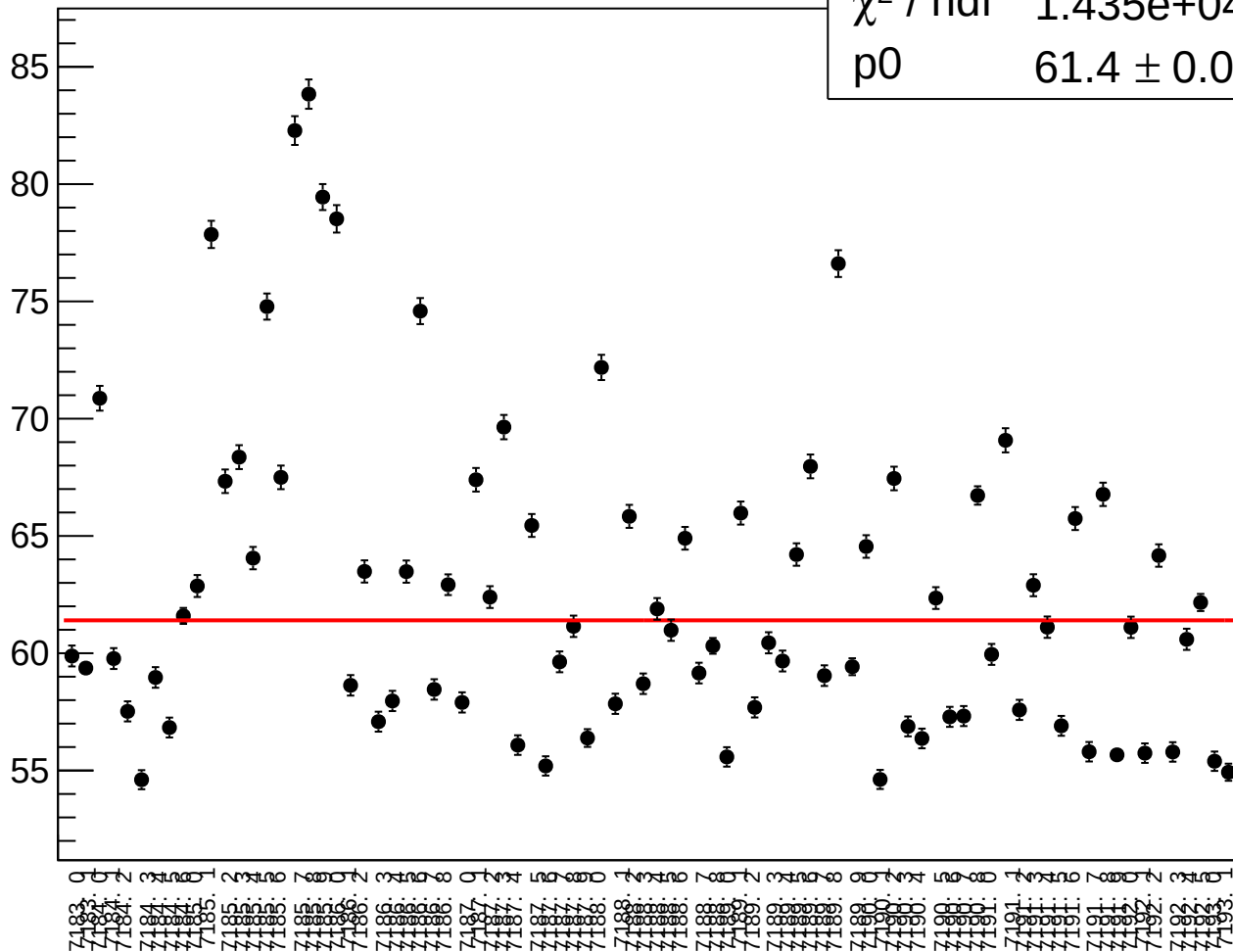


eigen_dit_asym_sam_3726_avg_mean vs run

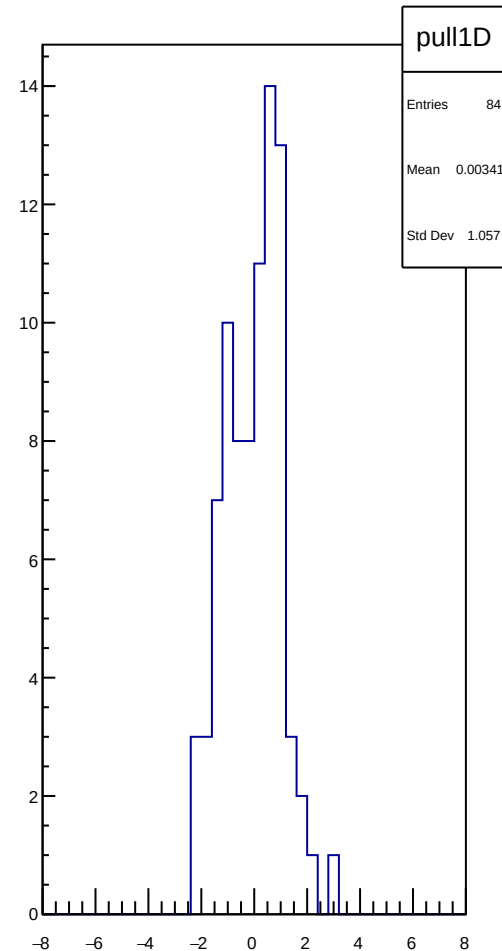
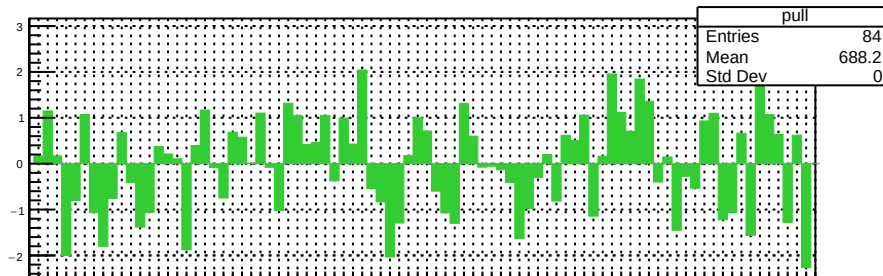
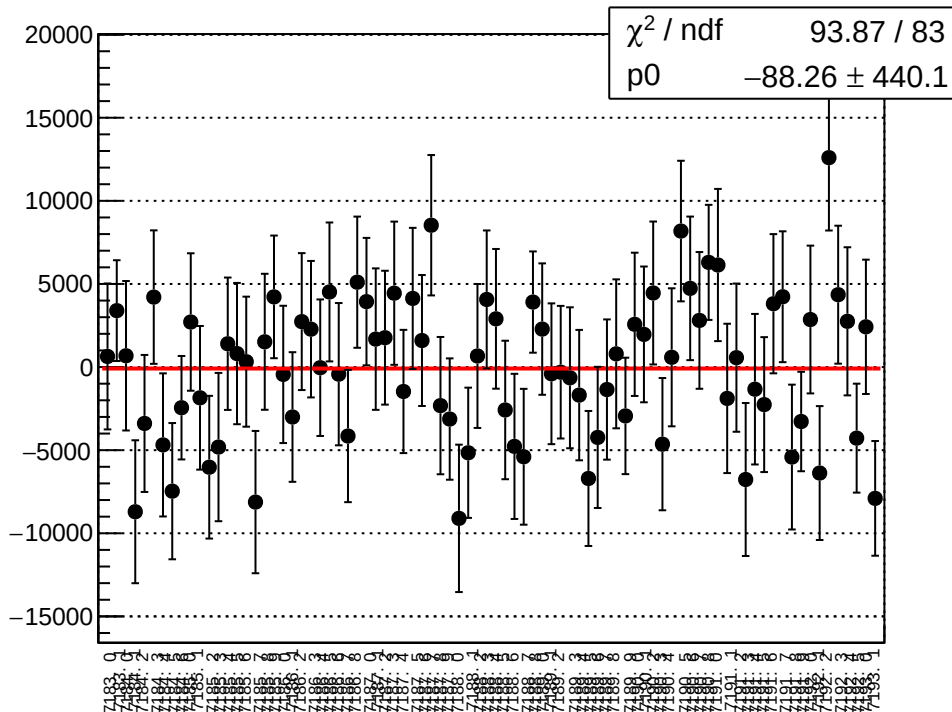


eigen_dit_asym_sam_3726_avg_rms vs run

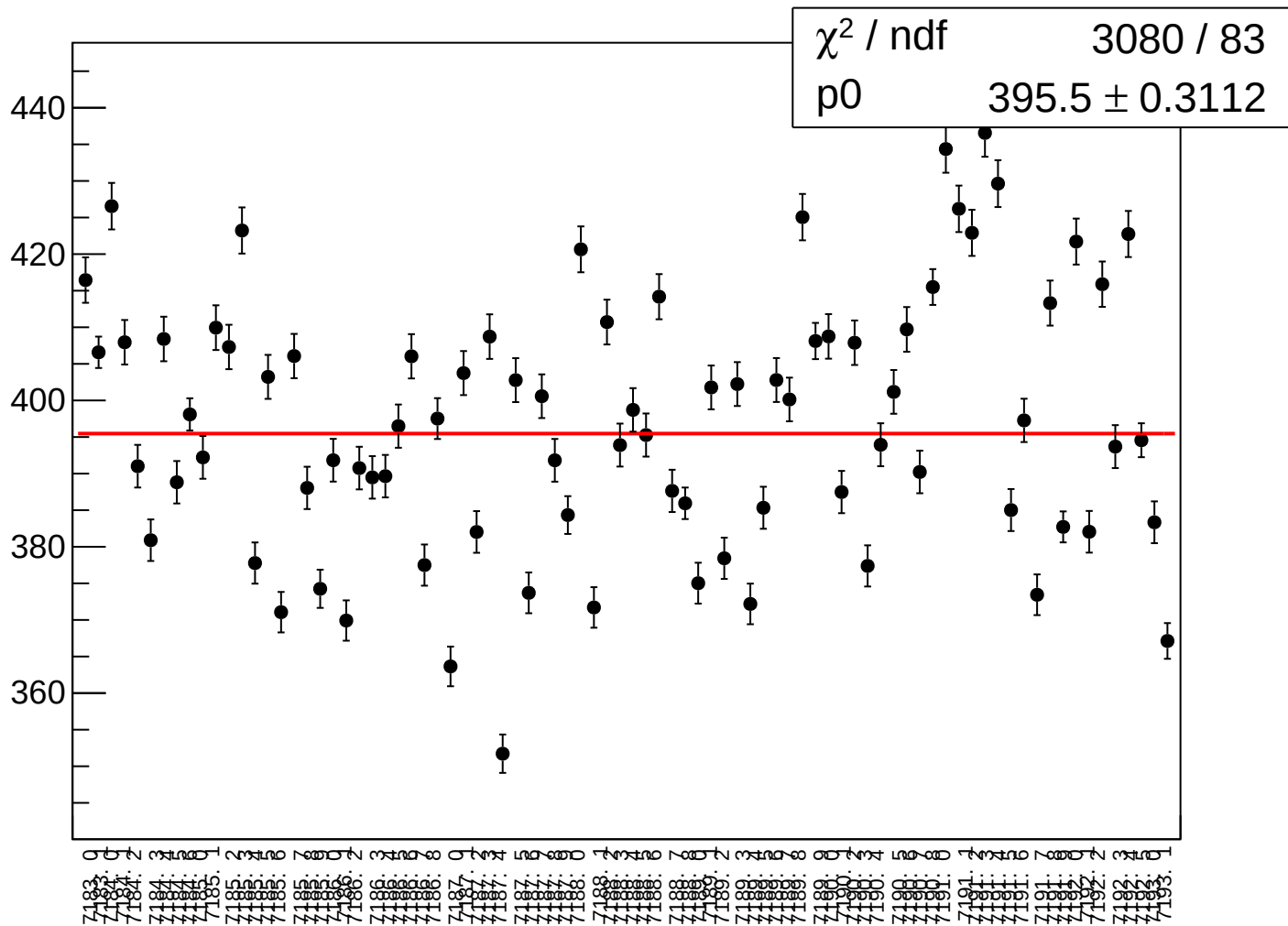
χ^2 / ndf 1.435e+04 / 83
p0 61.4 $\pm$ 0.04848



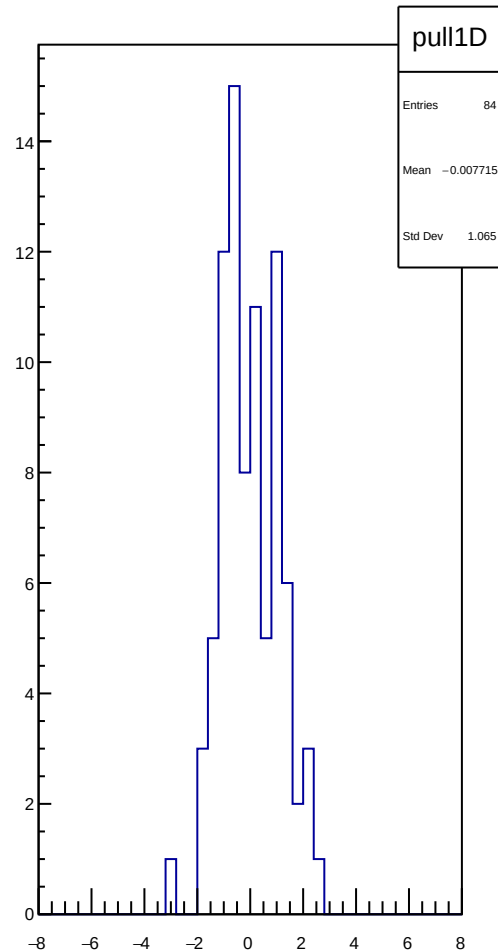
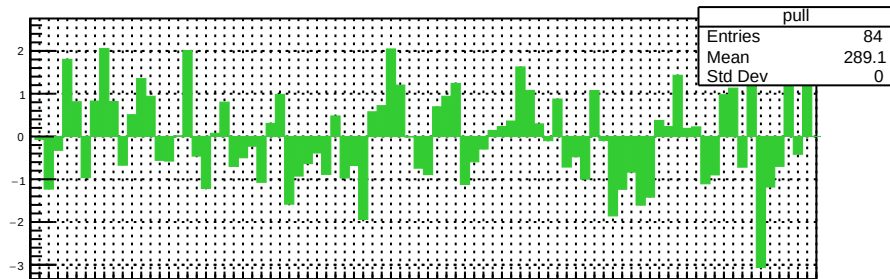
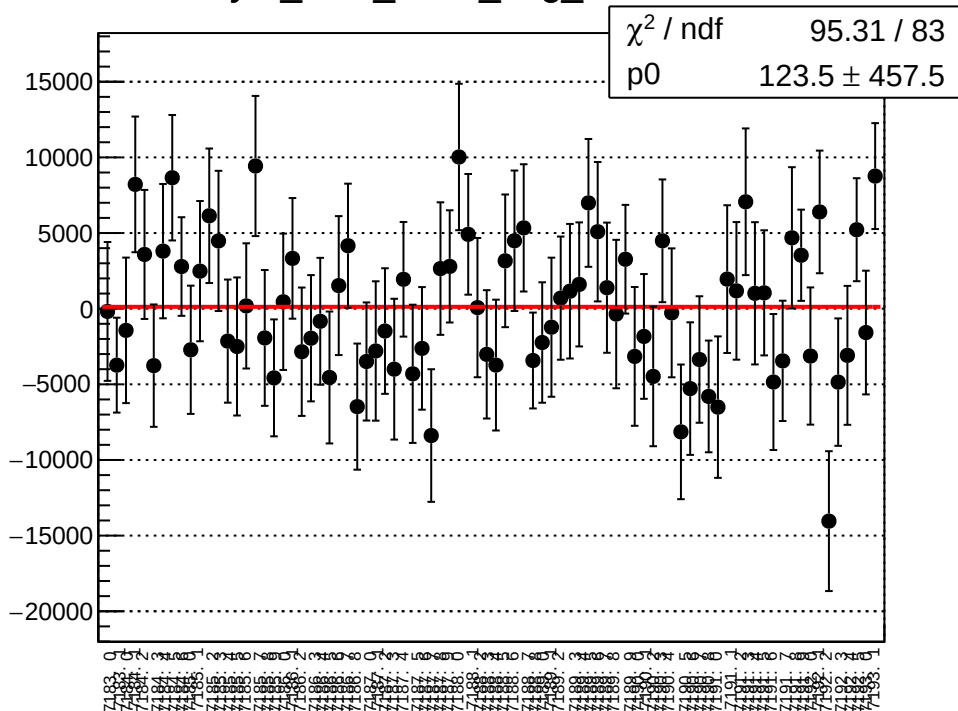
asym_sam_3726_avg_eigen_dit_correction_mean vs un



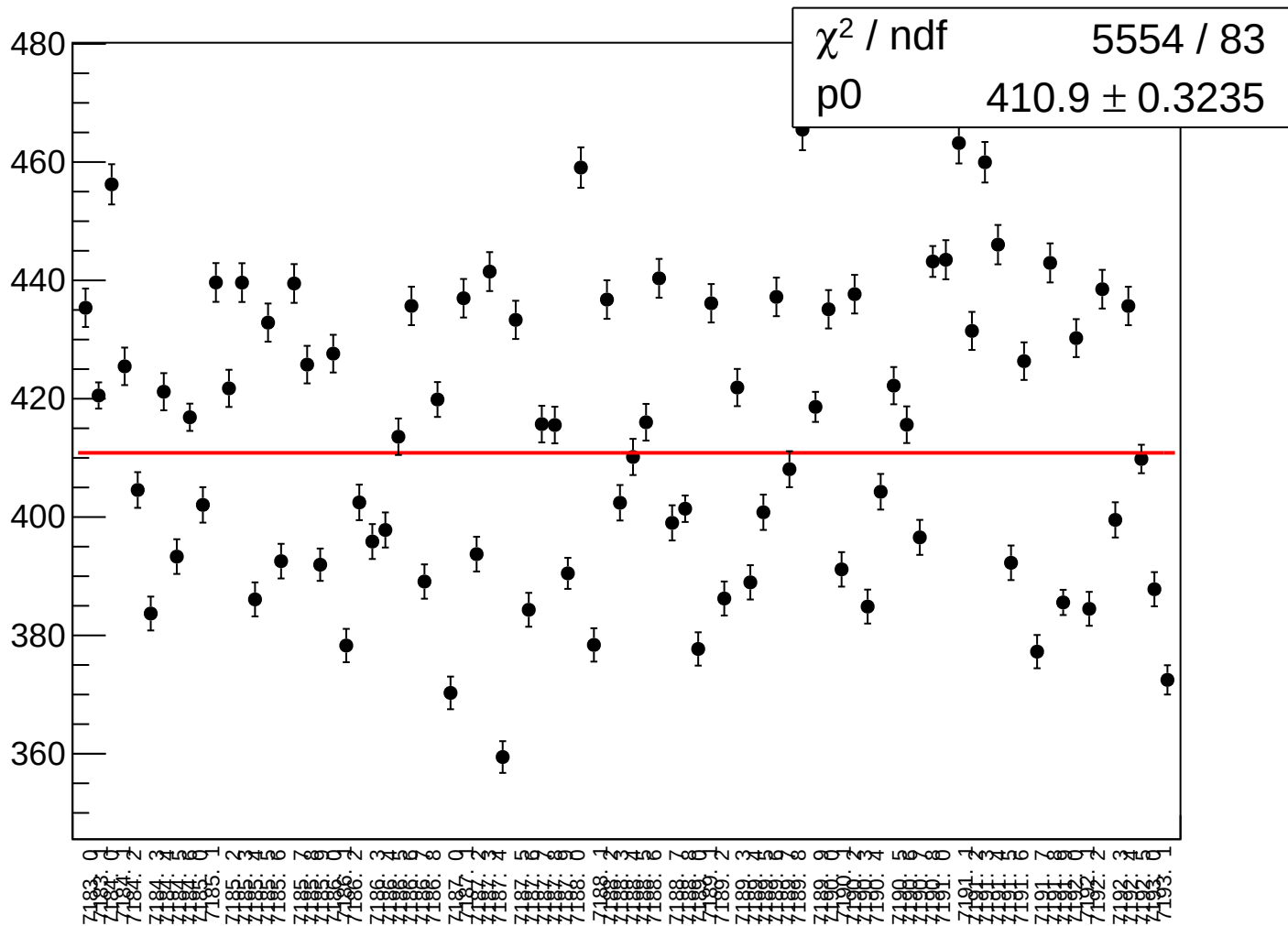
asym_sam_3726_avg_eigen_dit_correction_rms vs run



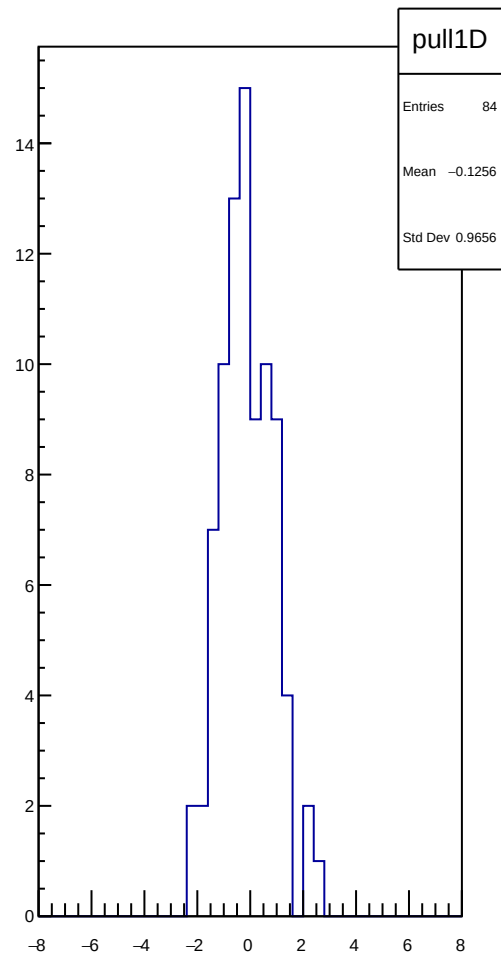
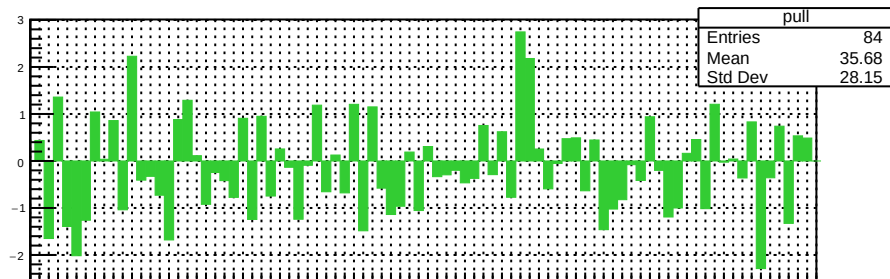
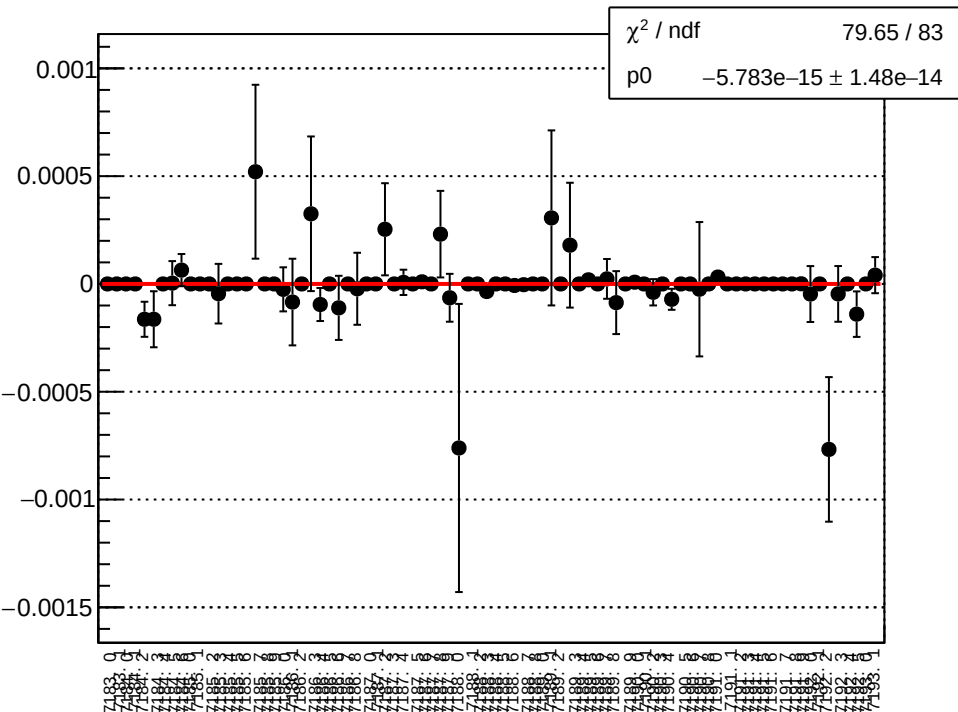
asym_sam_3726_avg_mean vs run



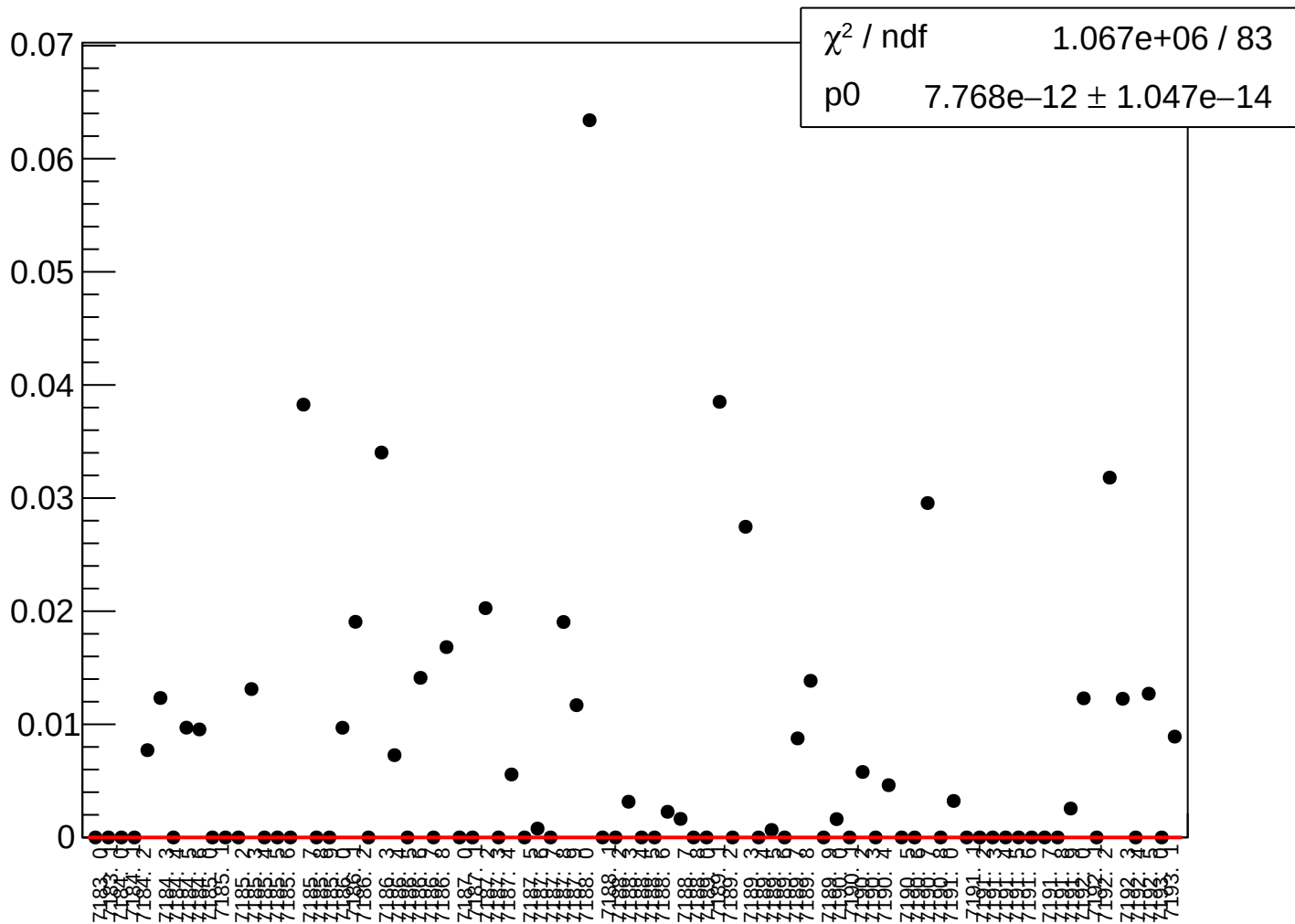
asym_sam_3726_avg_rms vs run



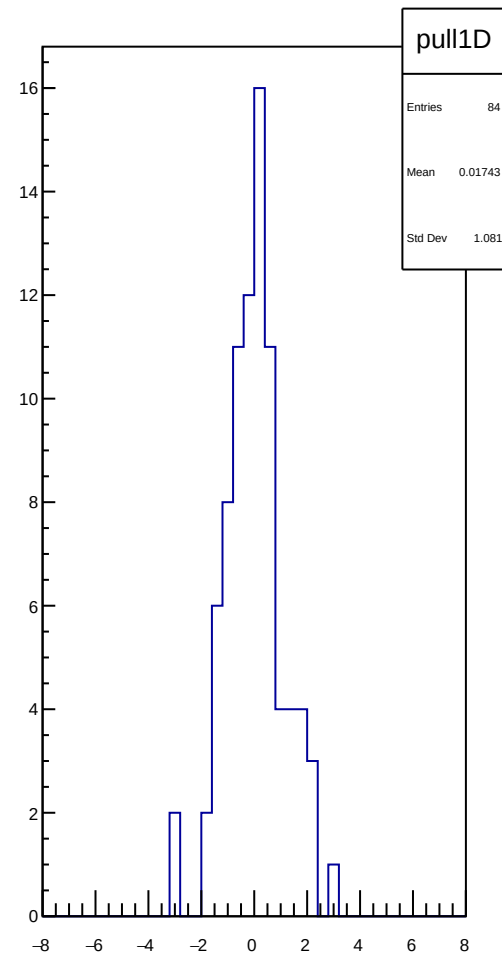
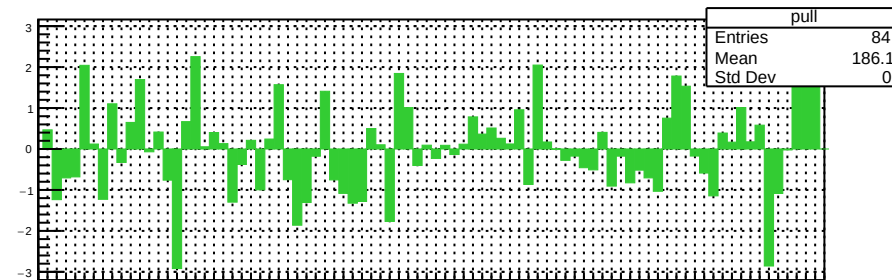
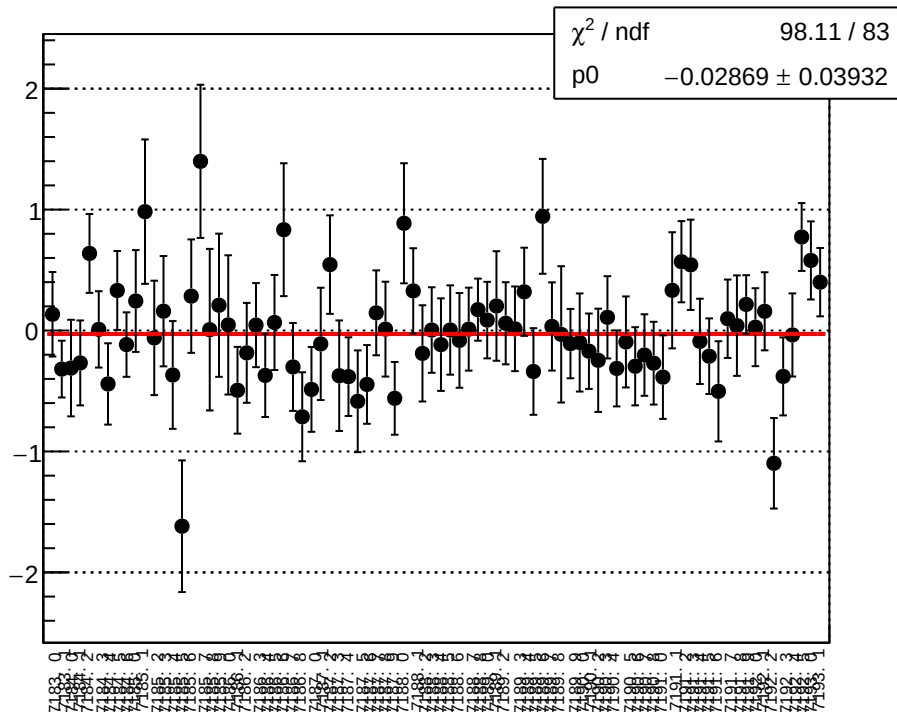
asym_sam_3726_avg_reg_vs_cor_diff_mean vs run



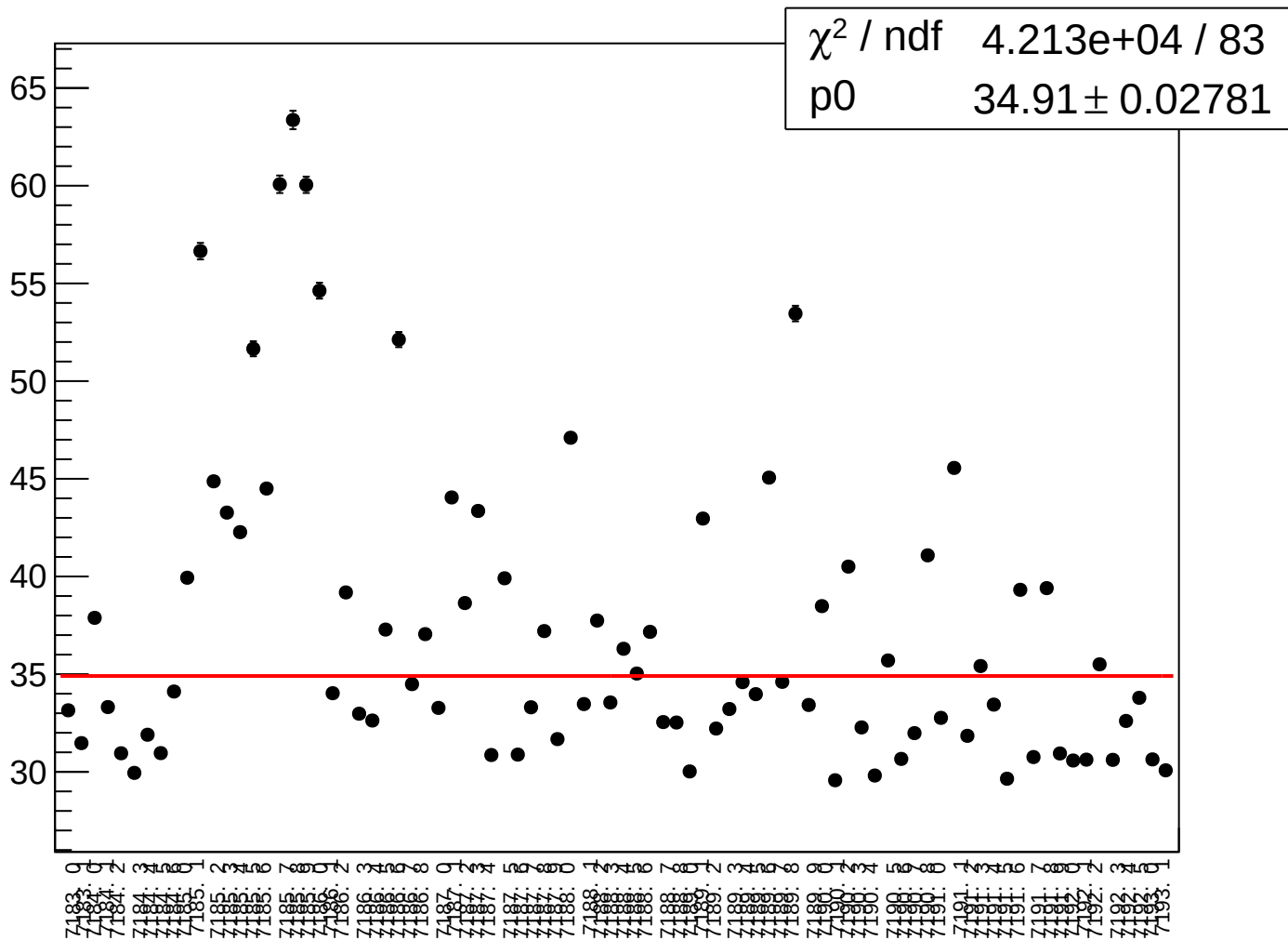
asym_sam_3726_avg_reg_vs_cor_diff_rms vs run



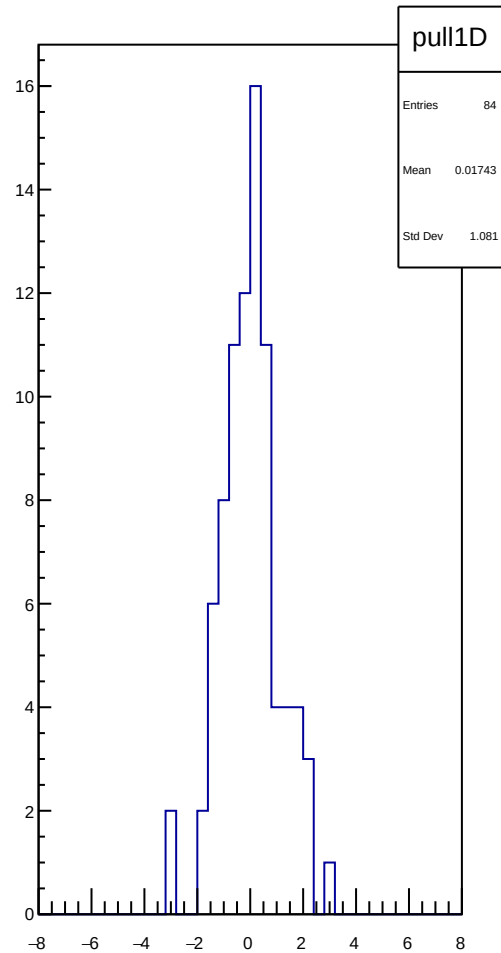
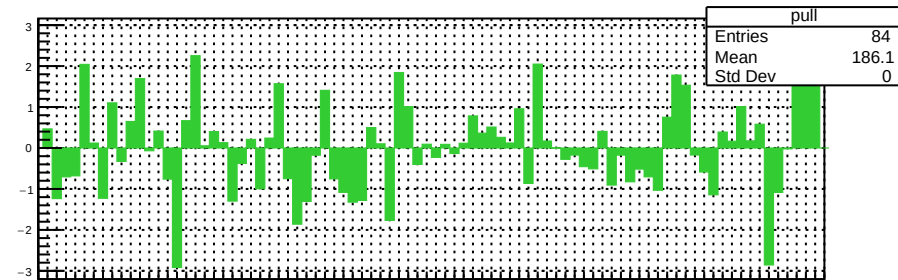
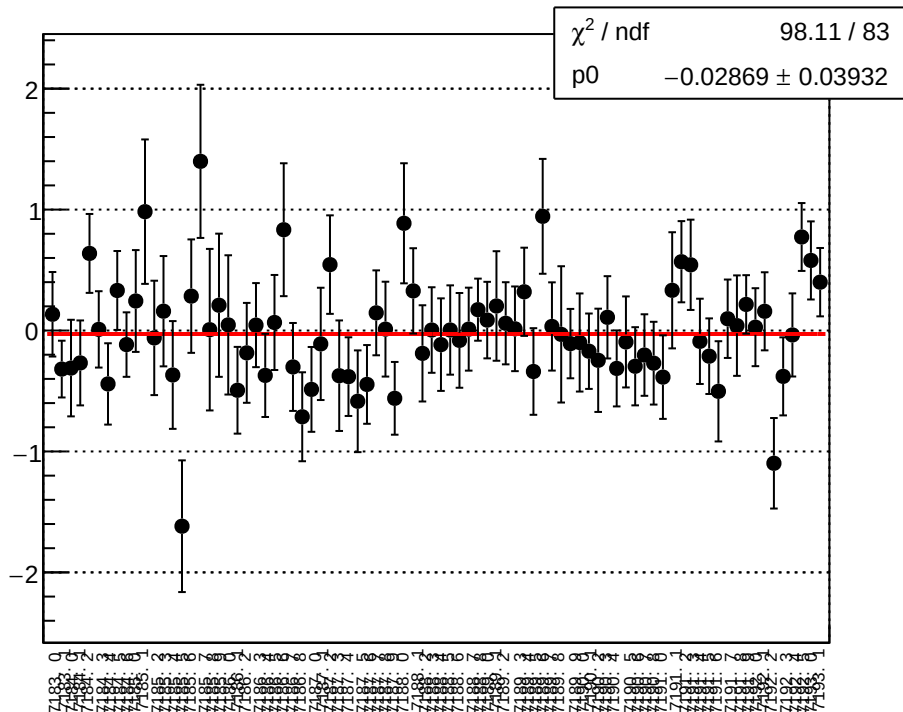
asym_sam_3726_avg_dit_vs_cor_diff_mean vs run



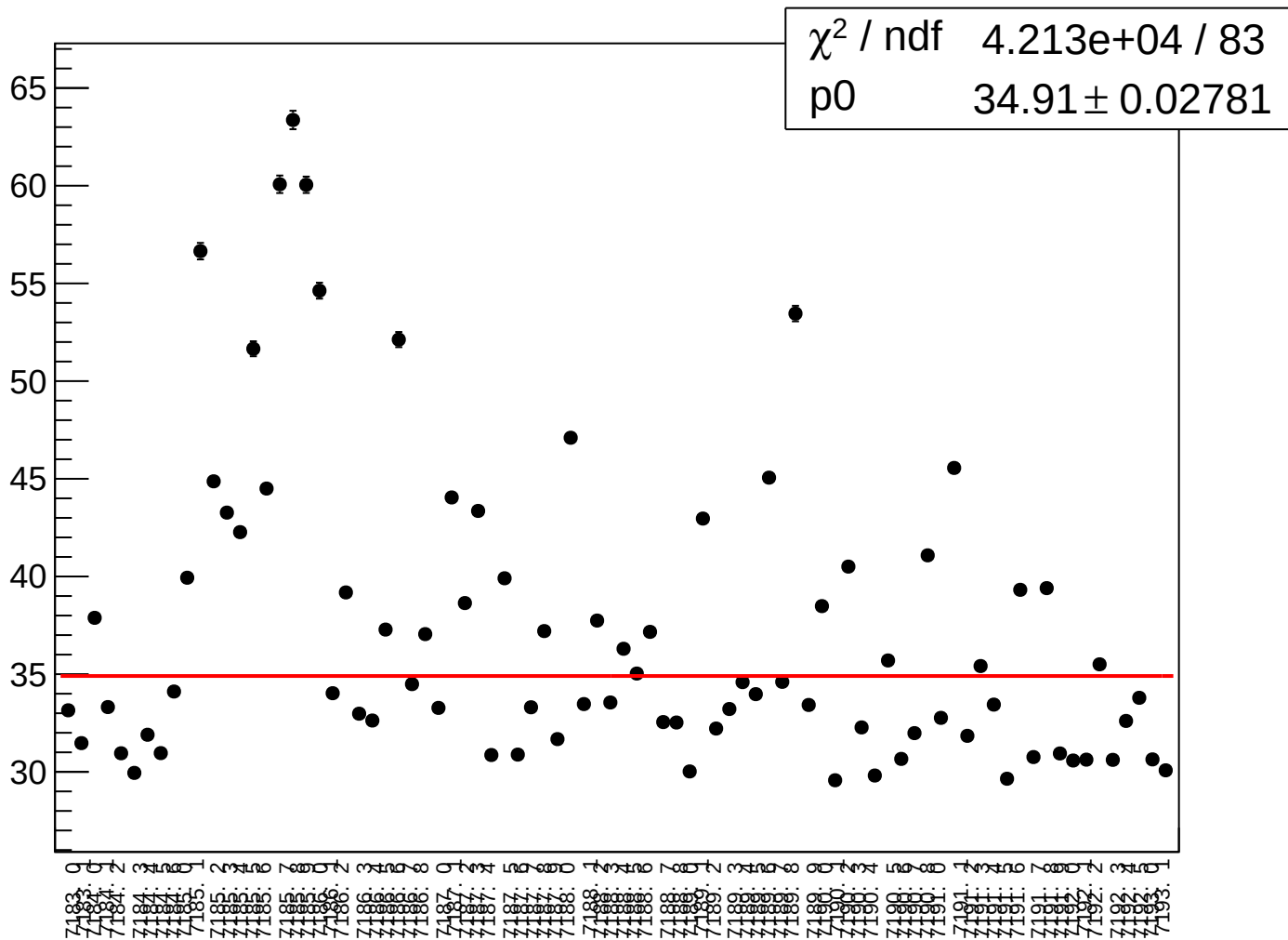
asym_sam_3726_avg_dit_vs_cor_diff_rms vs run



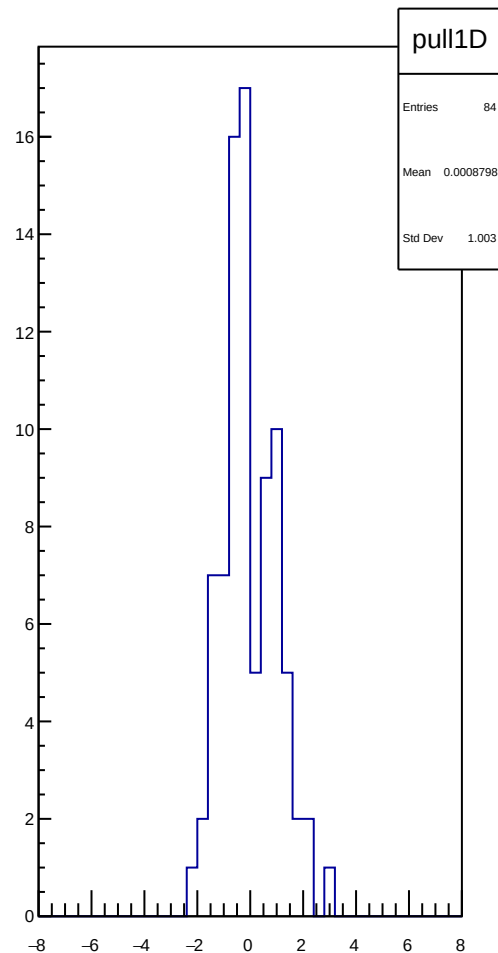
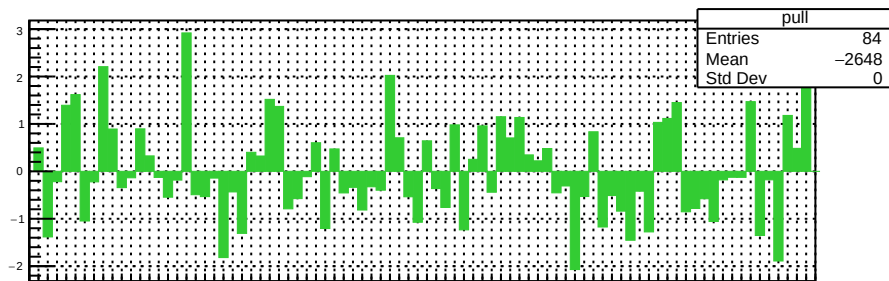
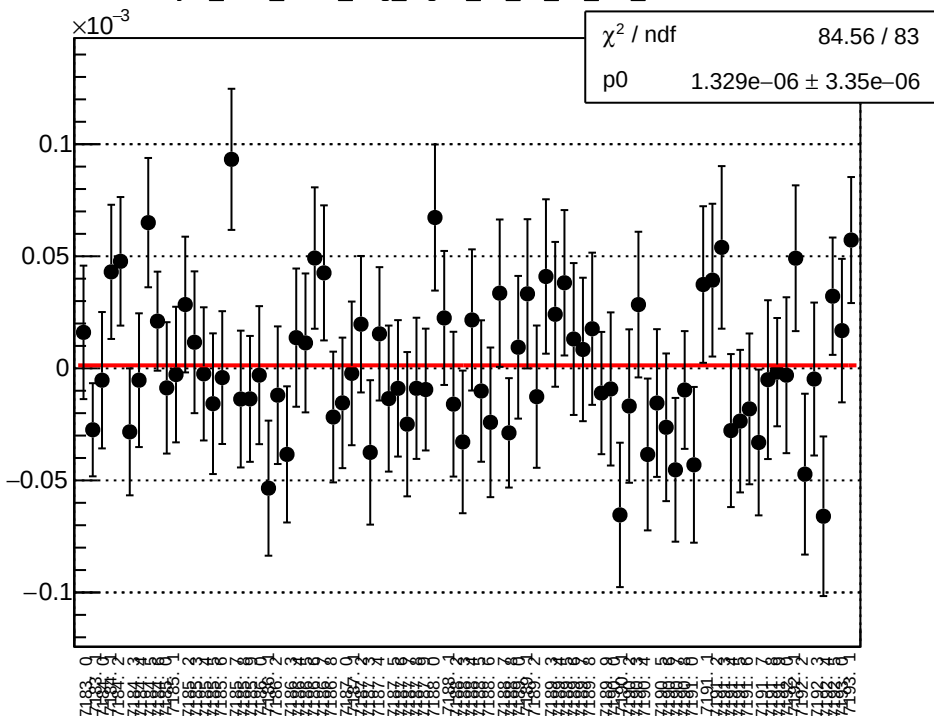
asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs run



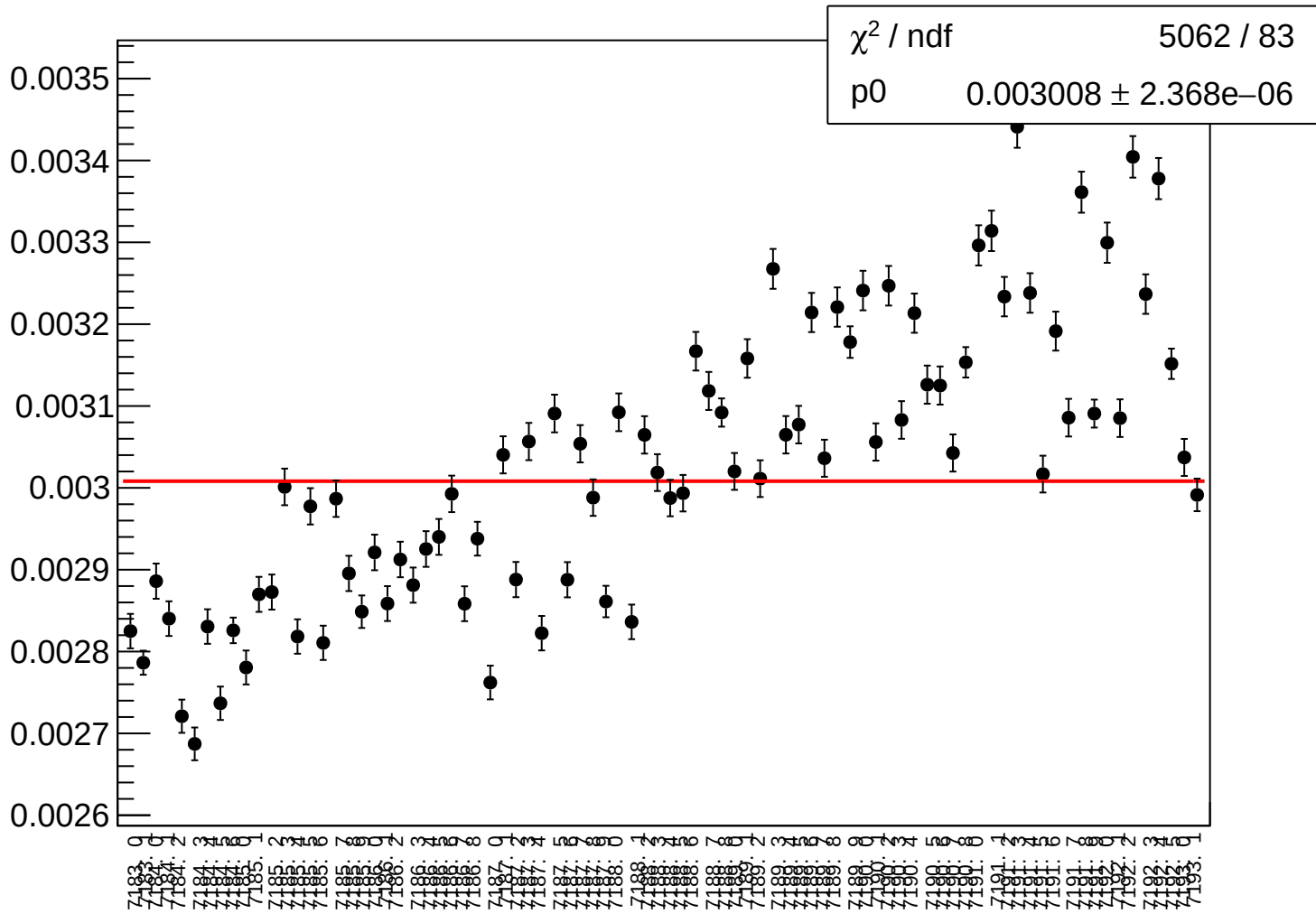
asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs run



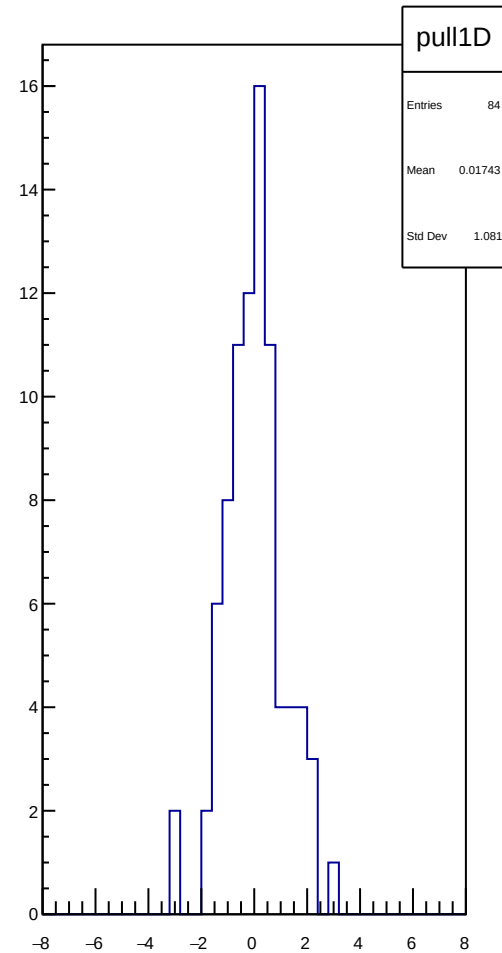
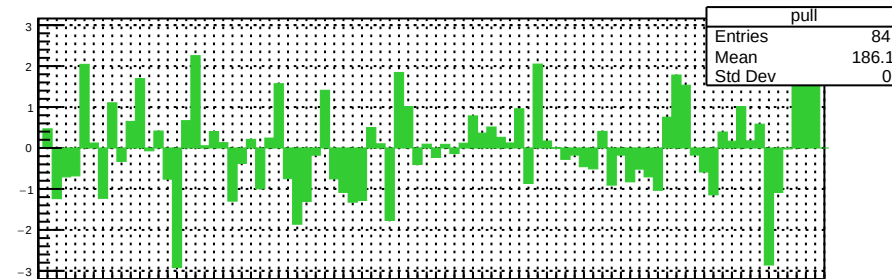
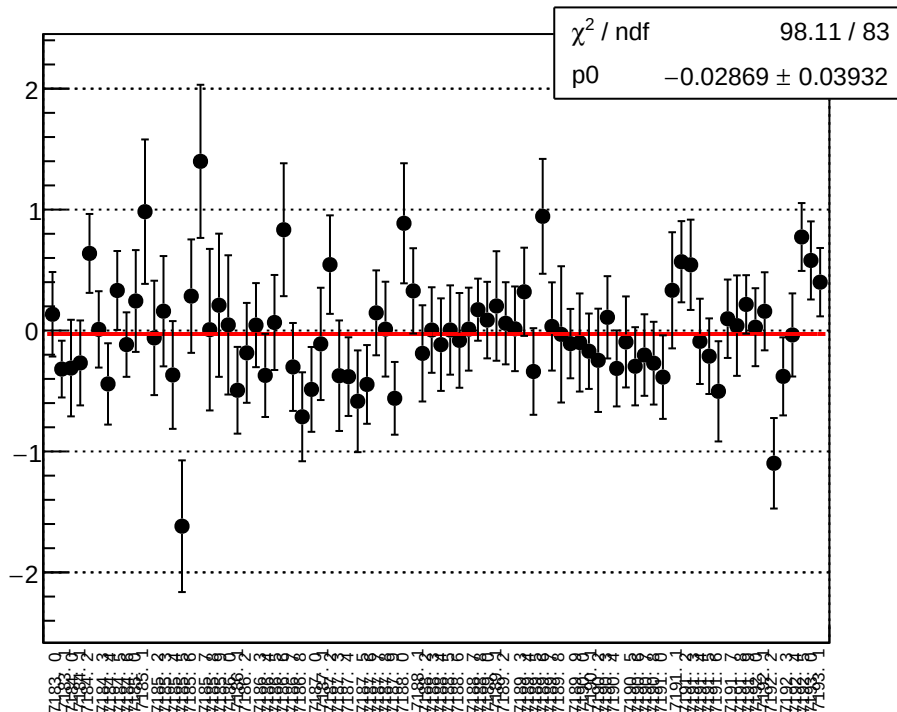
asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs run



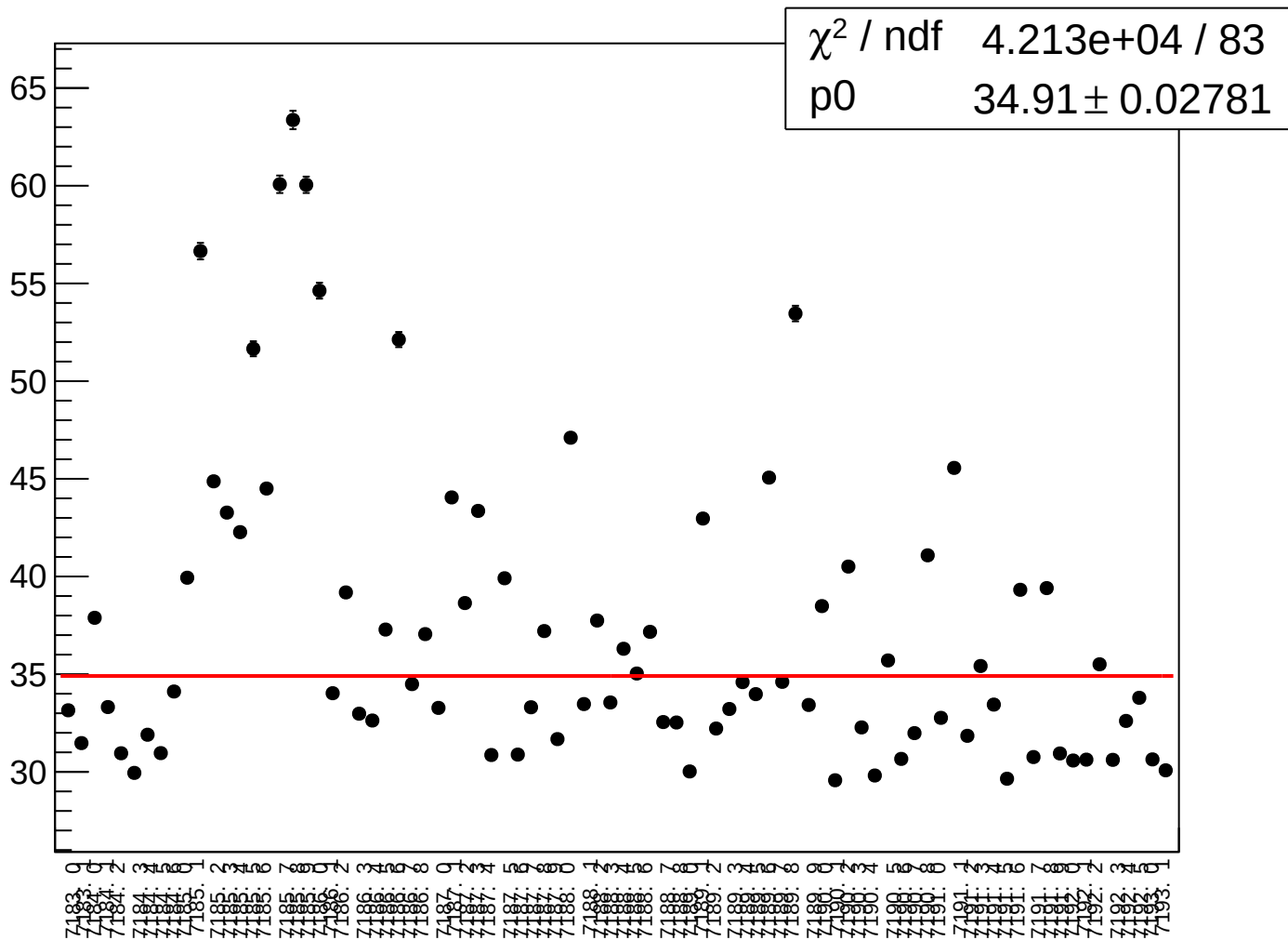
asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs run



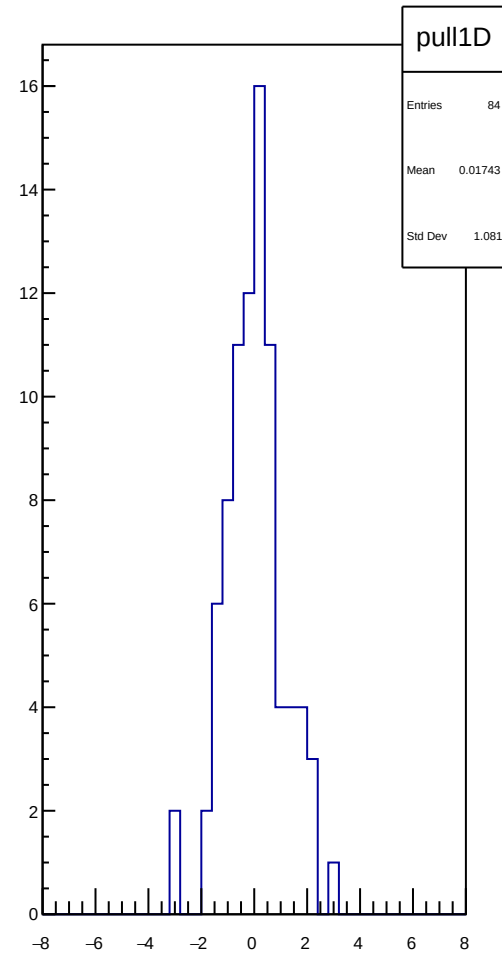
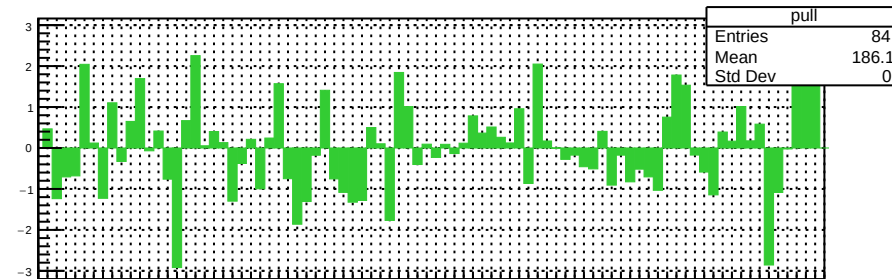
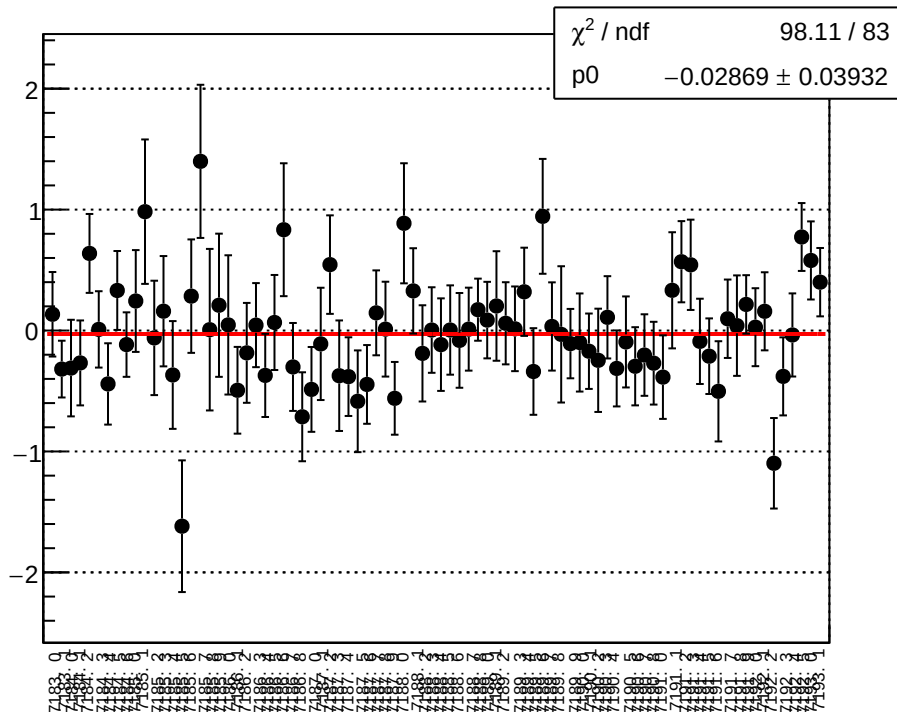
asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs run



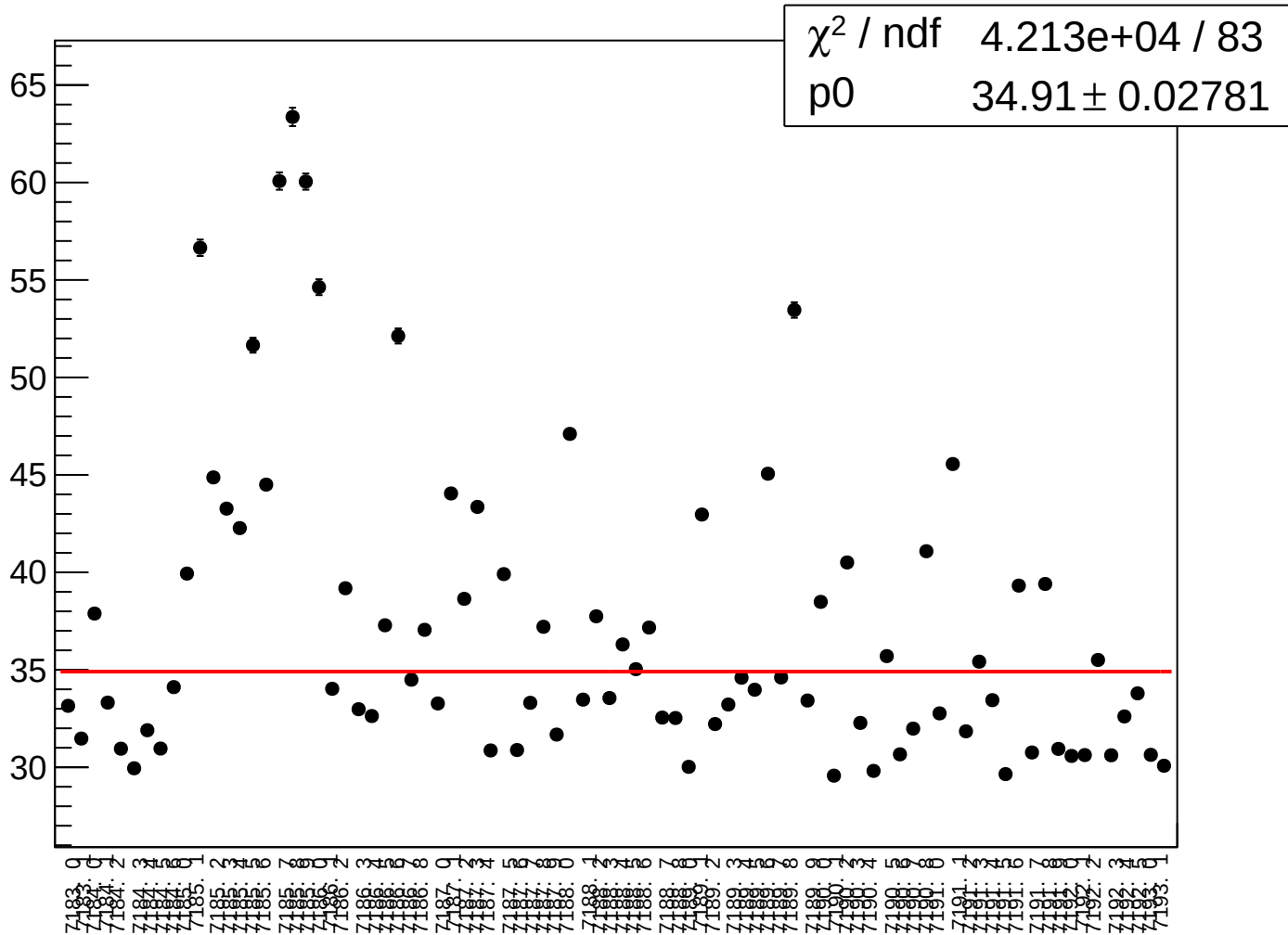
asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs run



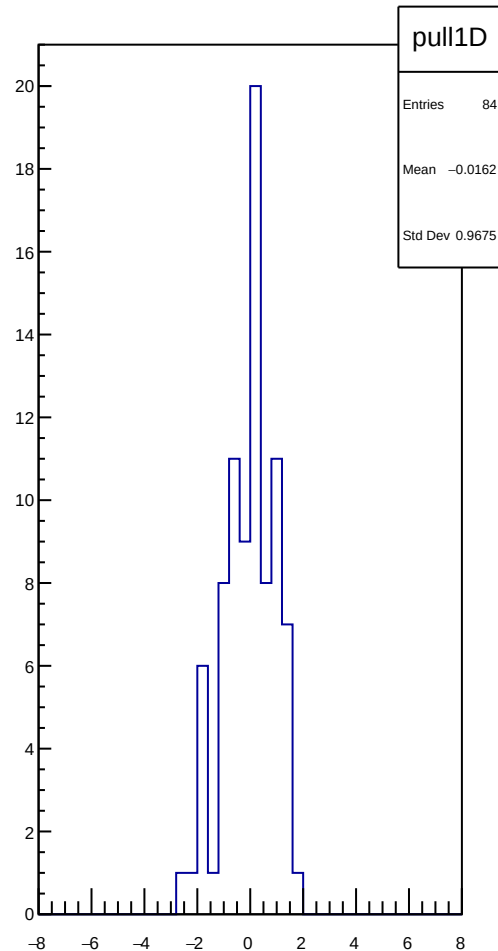
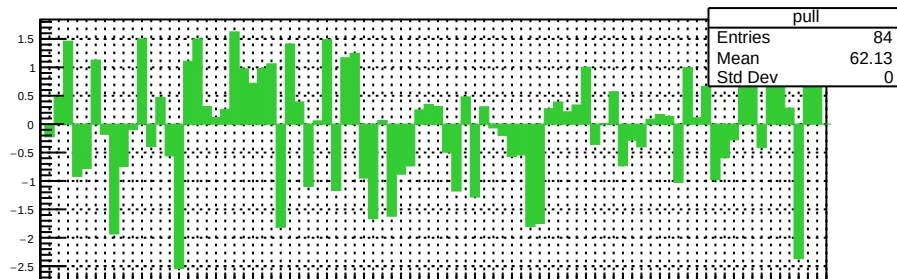
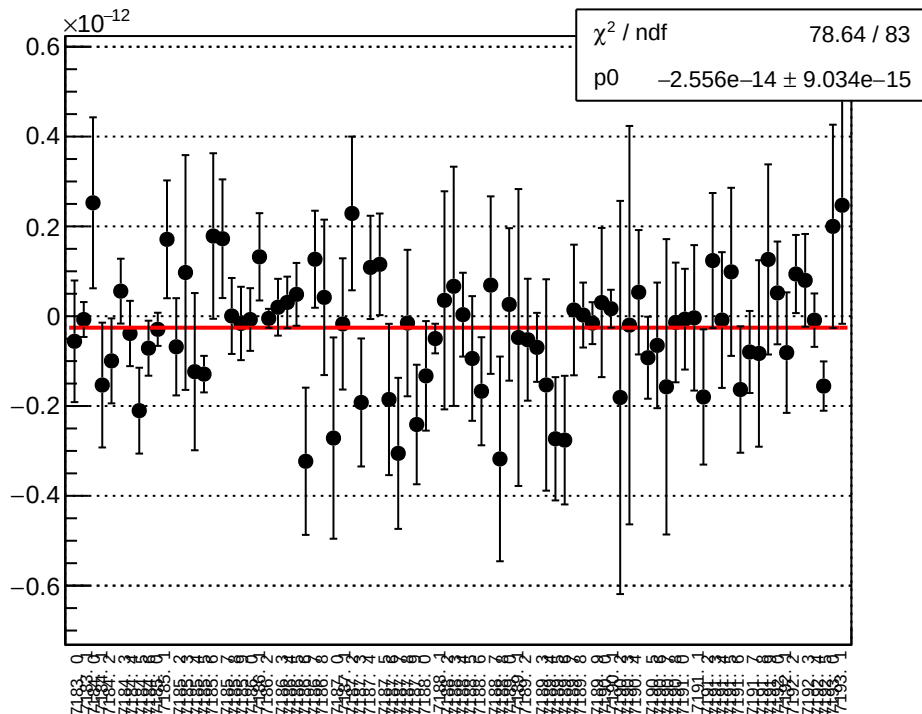
asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



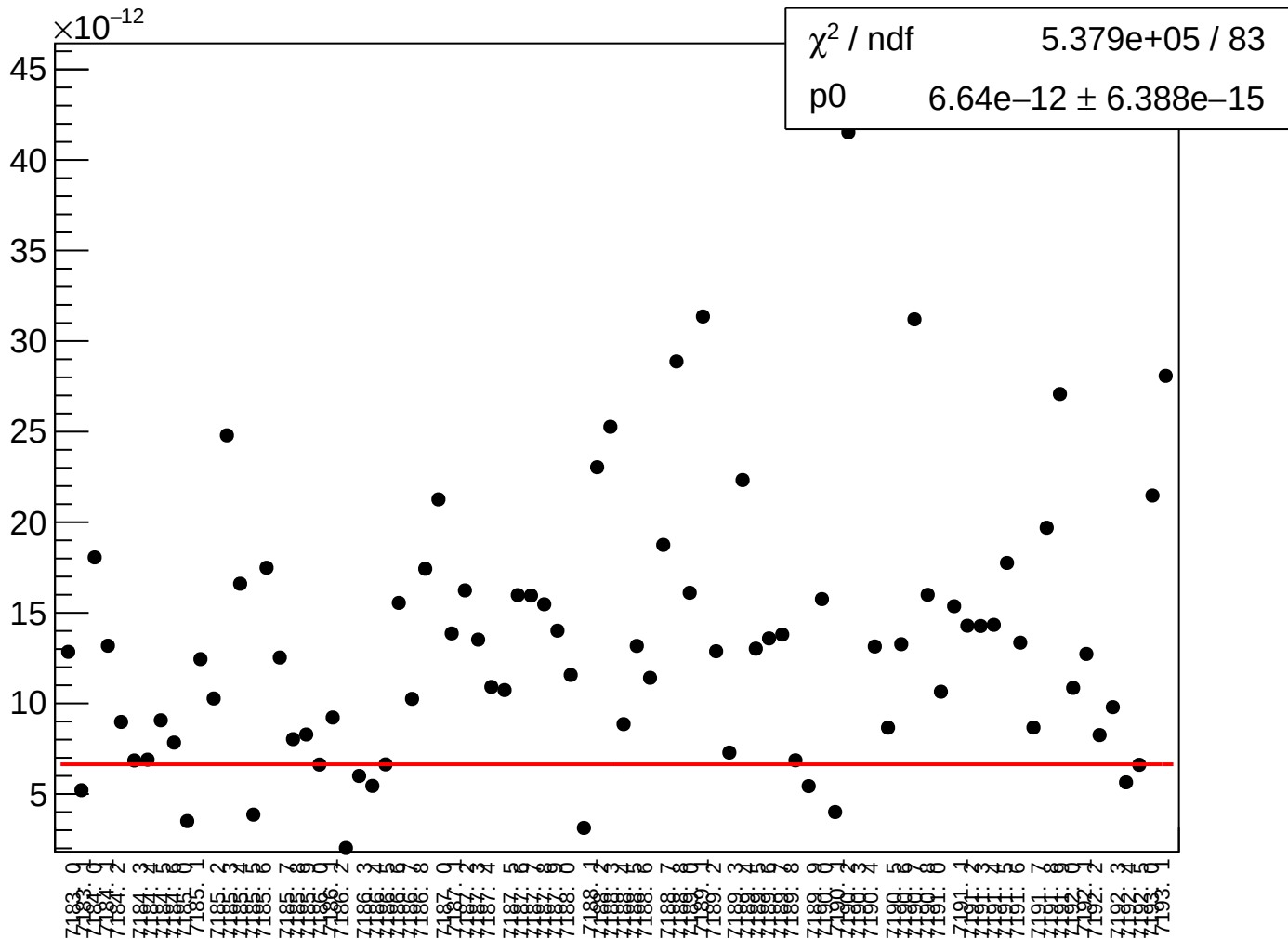
asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



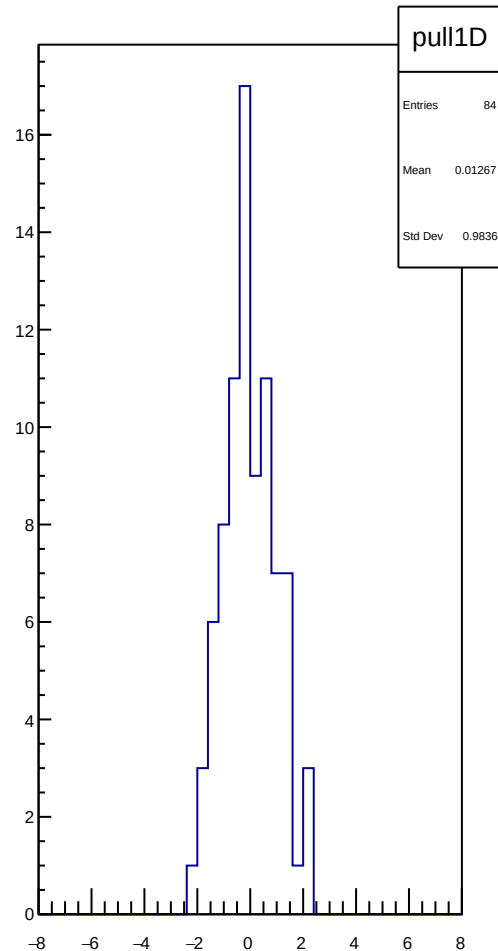
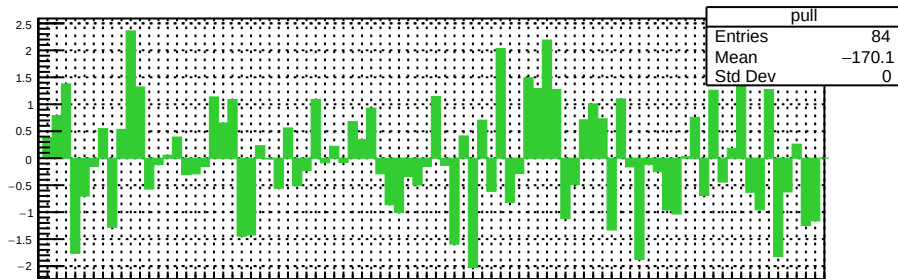
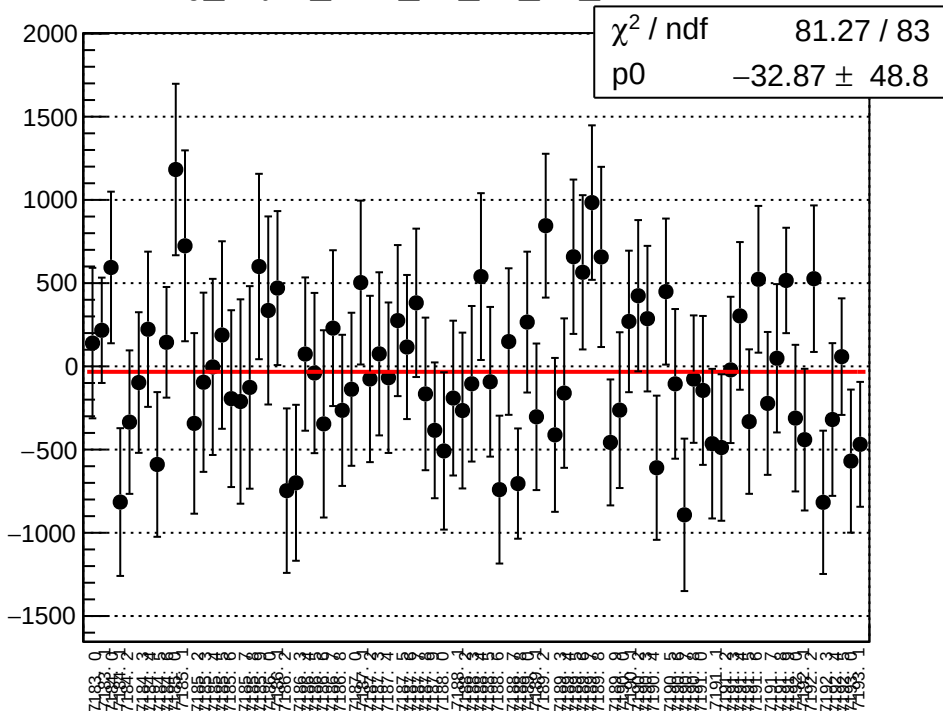
asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs run

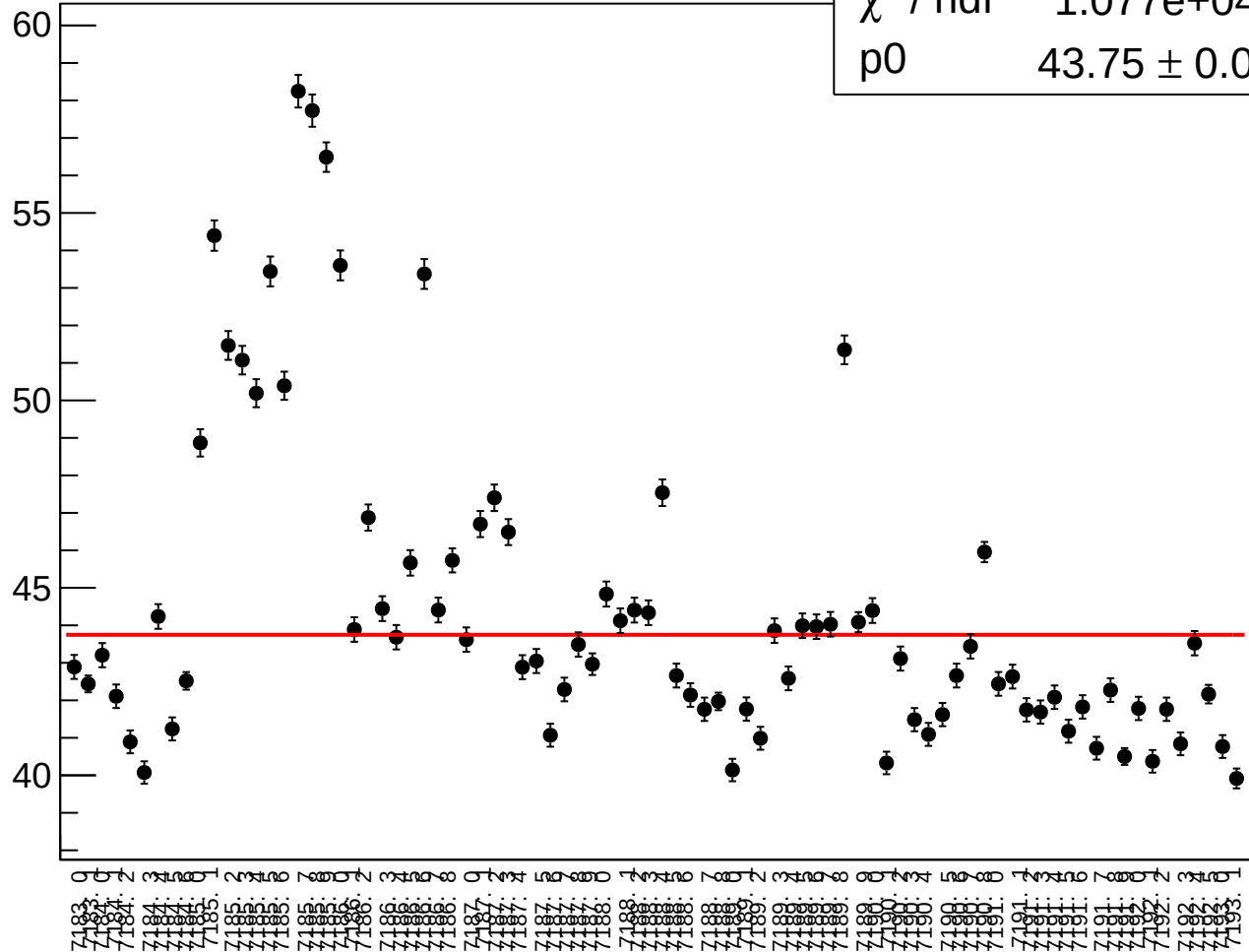


reg_asym_sam_15_48_dd_mean vs run

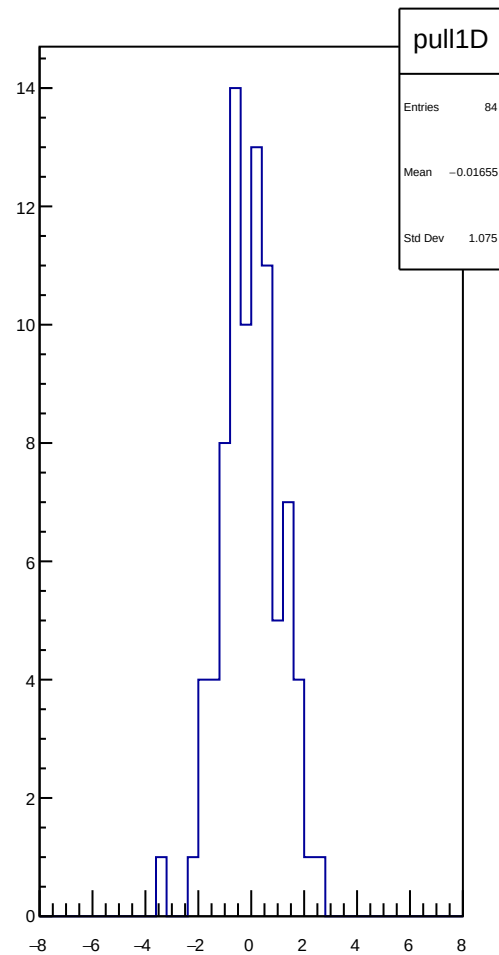
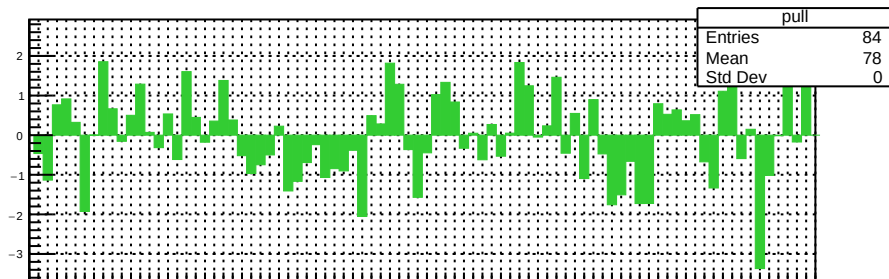
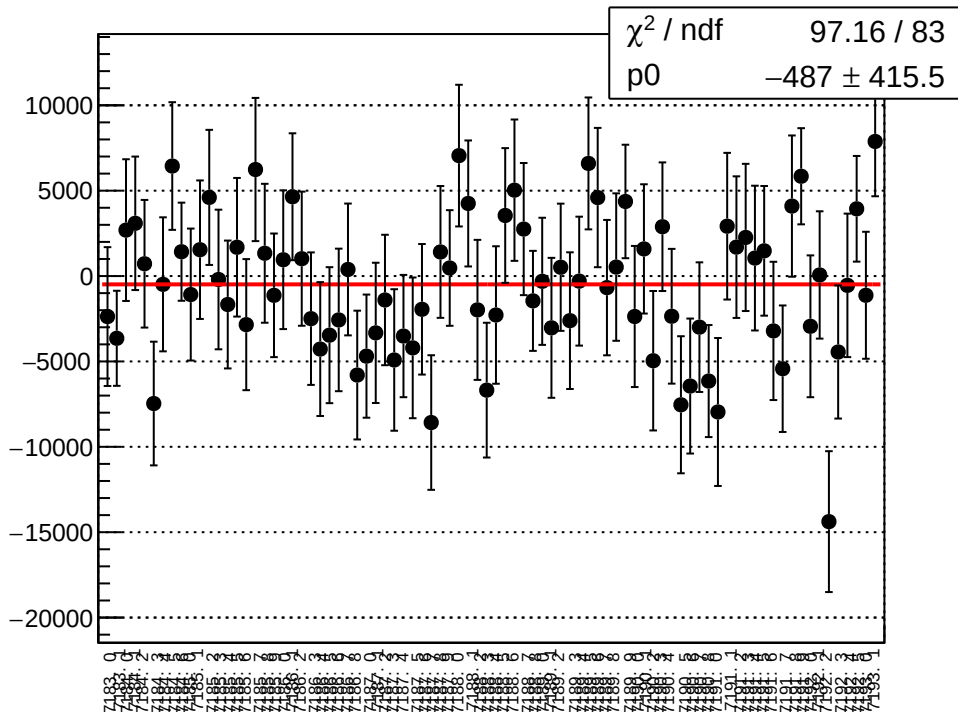


reg_asym_sam_15_48_dd_rms vs run

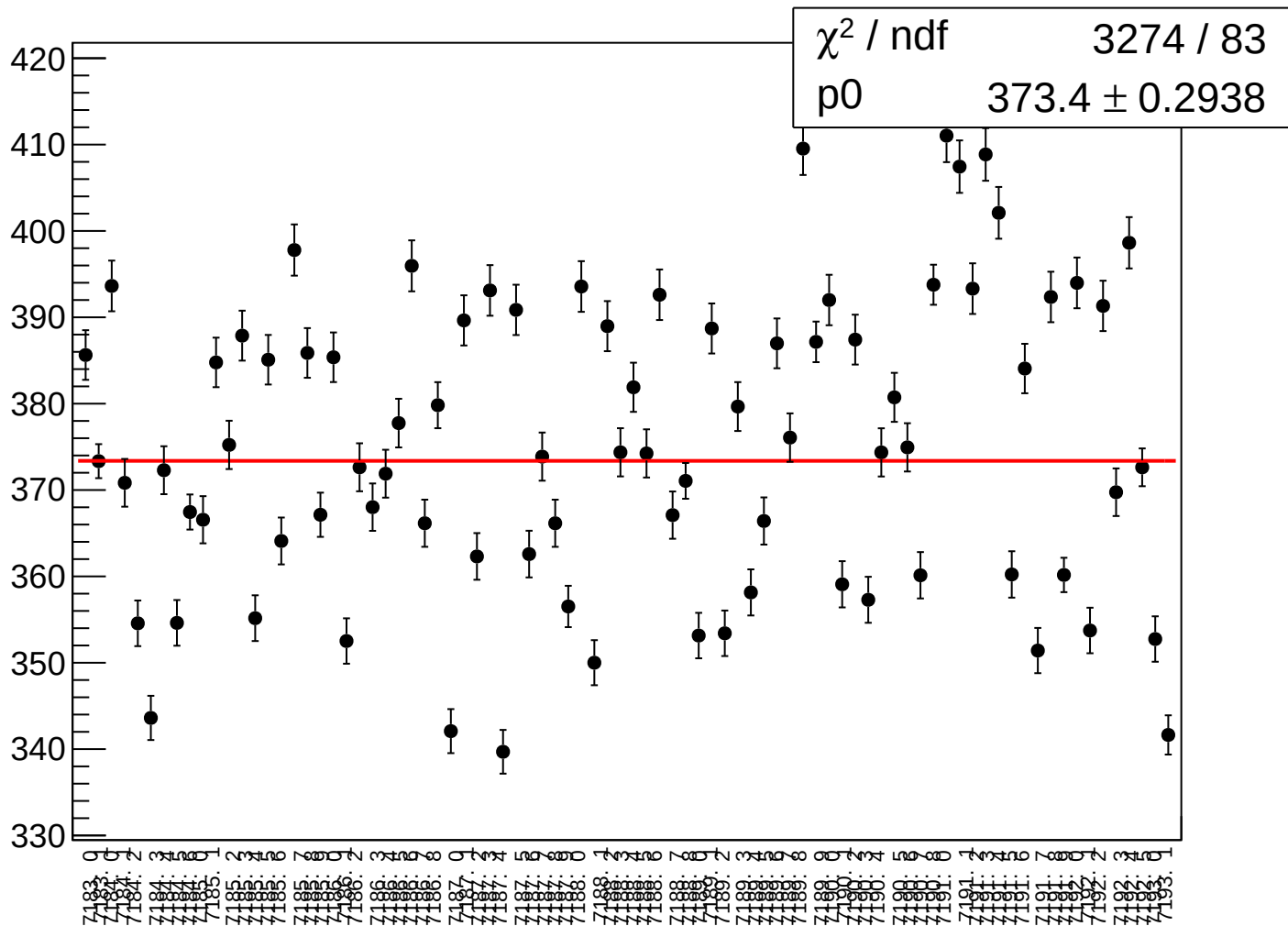
χ^2 / ndf	1.077e+04 / 83
p0	43.75 $\pm$ 0.03451



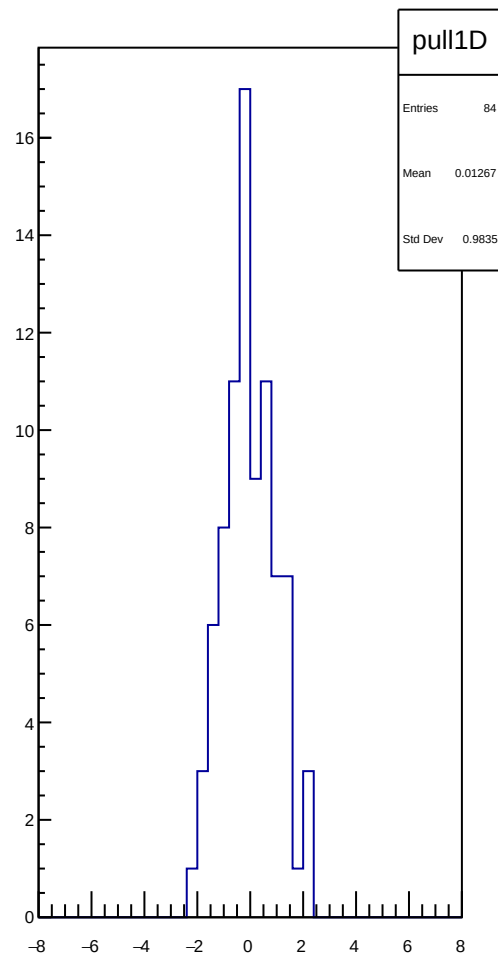
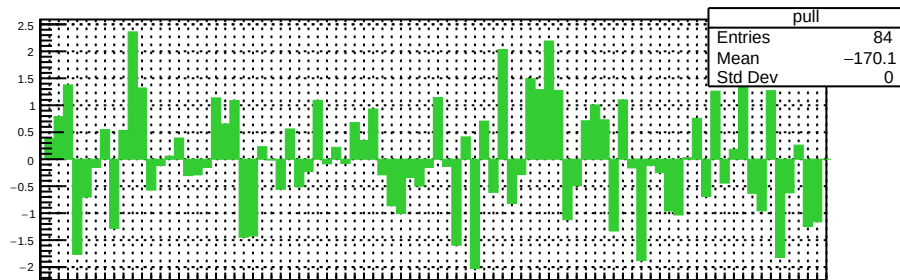
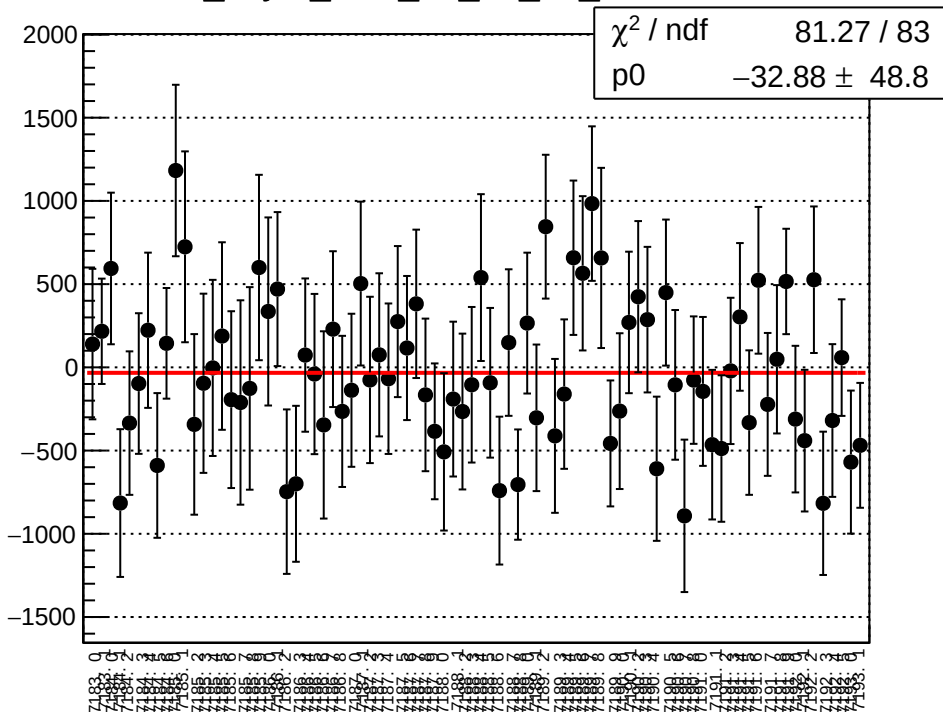
asym_sam_15_48_dd_reg_correction_mean vs run



asym_sam_15_48_dd_reg_correction_rms vs run

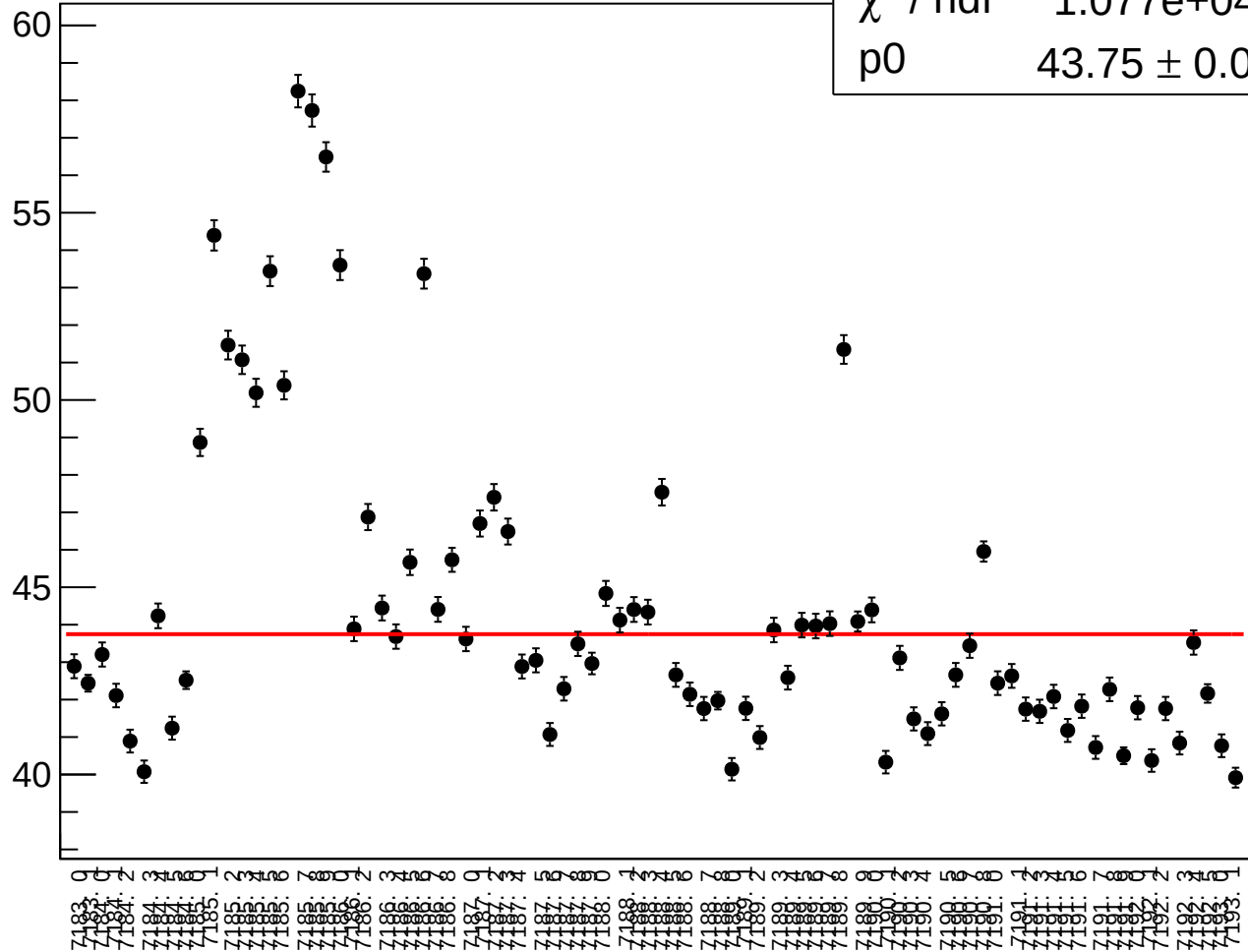


cor_asym_sam_15_48_dd_mean vs run

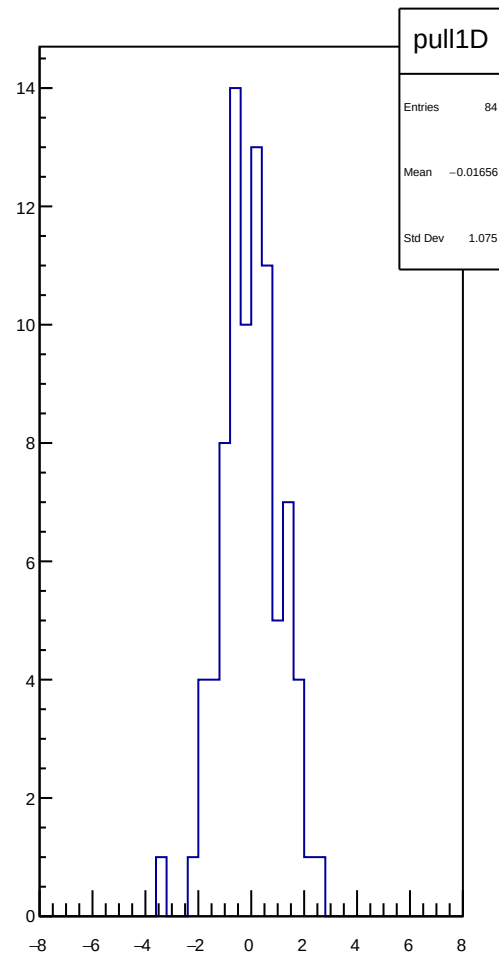
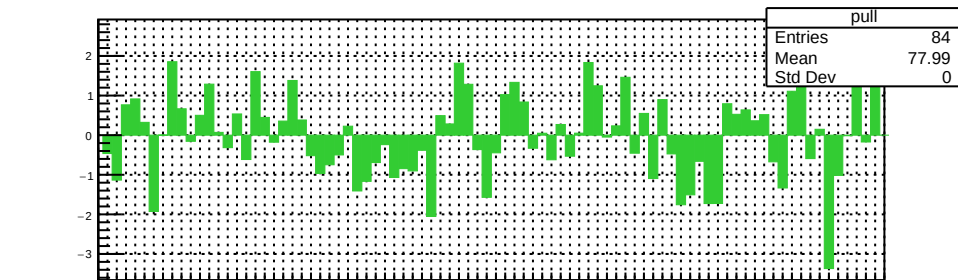
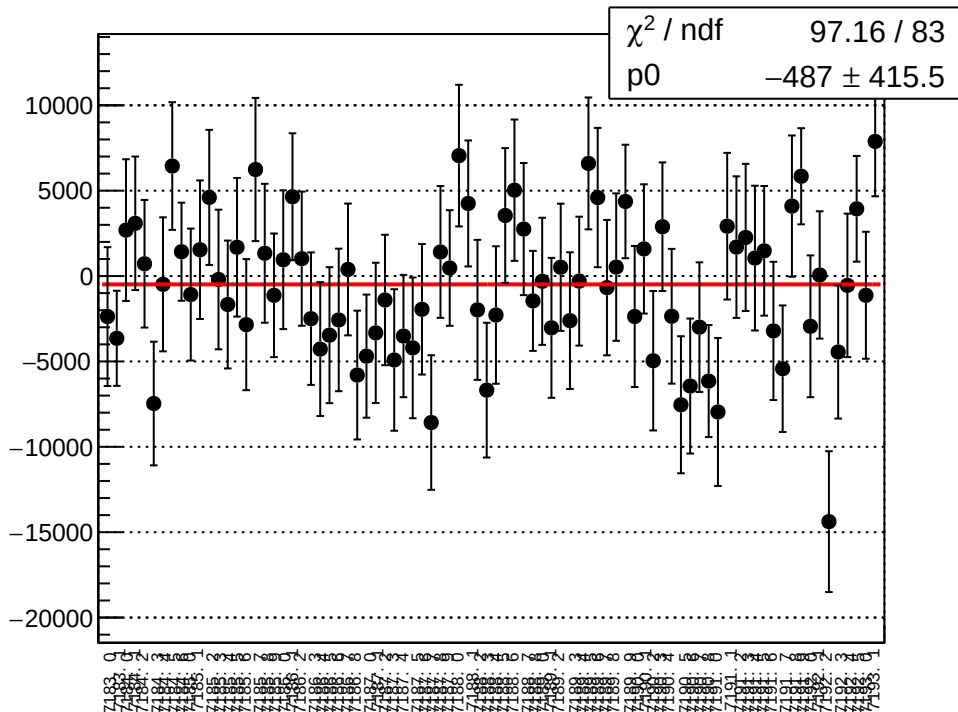


cor_asym_sam_15_48_dd_rms vs run

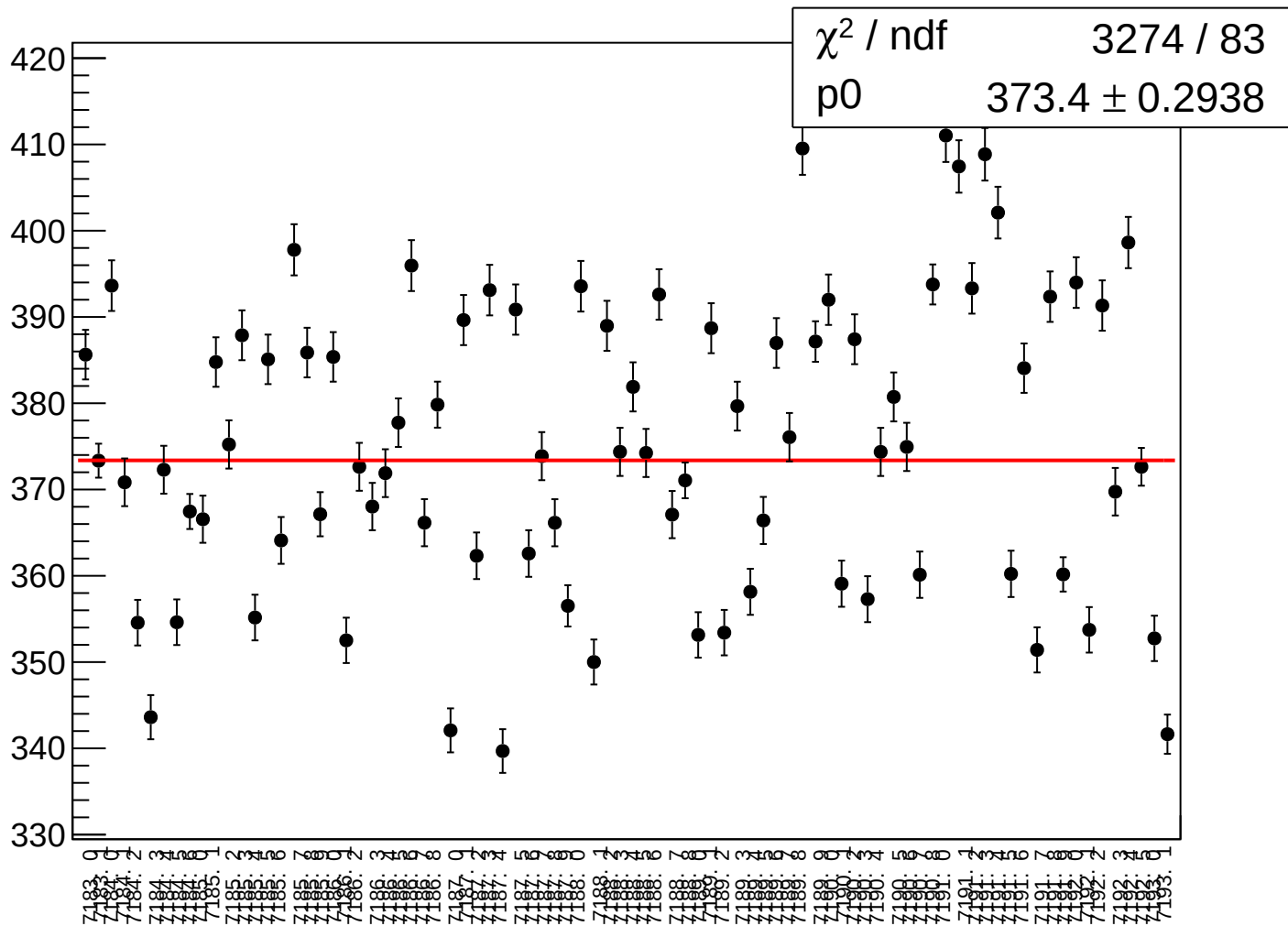
χ^2 / ndf 1.077e+04 / 83
p0 43.75 ± 0.03451



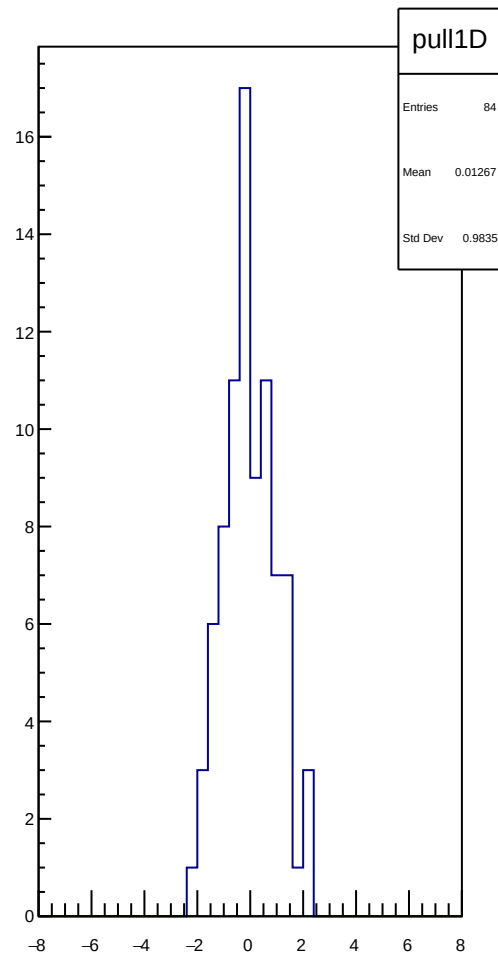
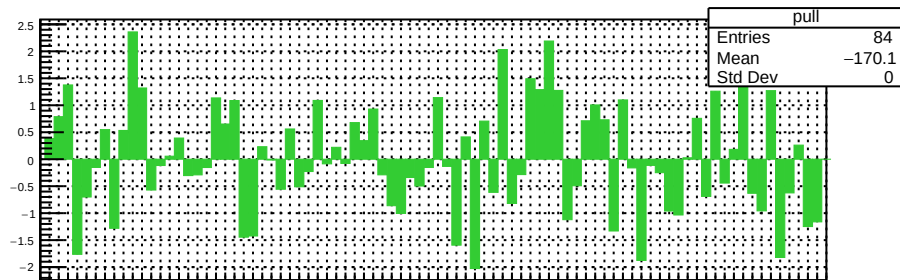
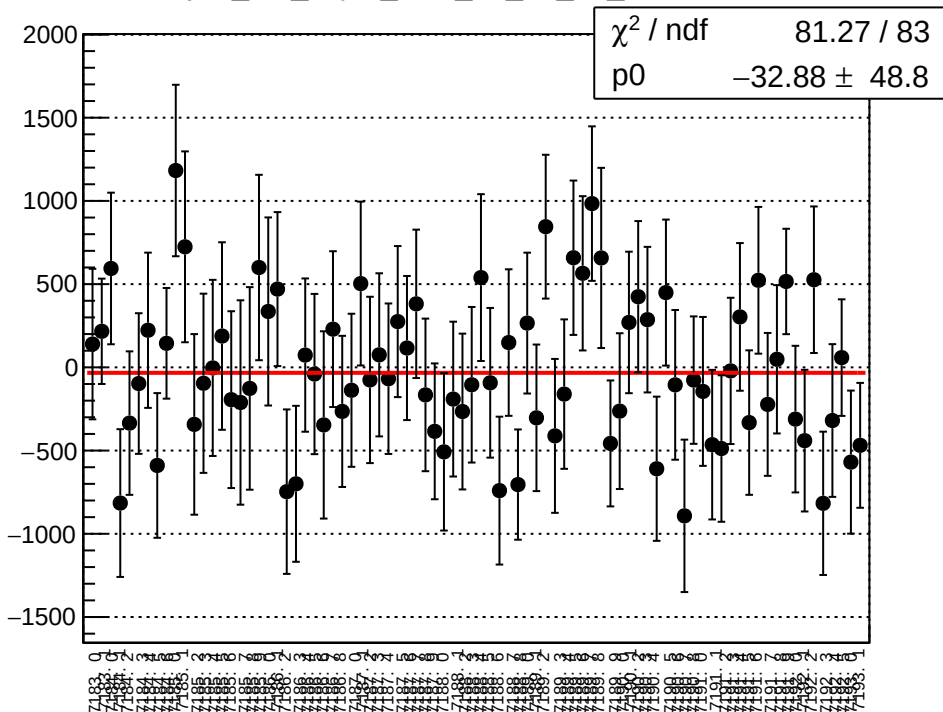
asym_sam_15_48_dd_cor_correction_mean vs run



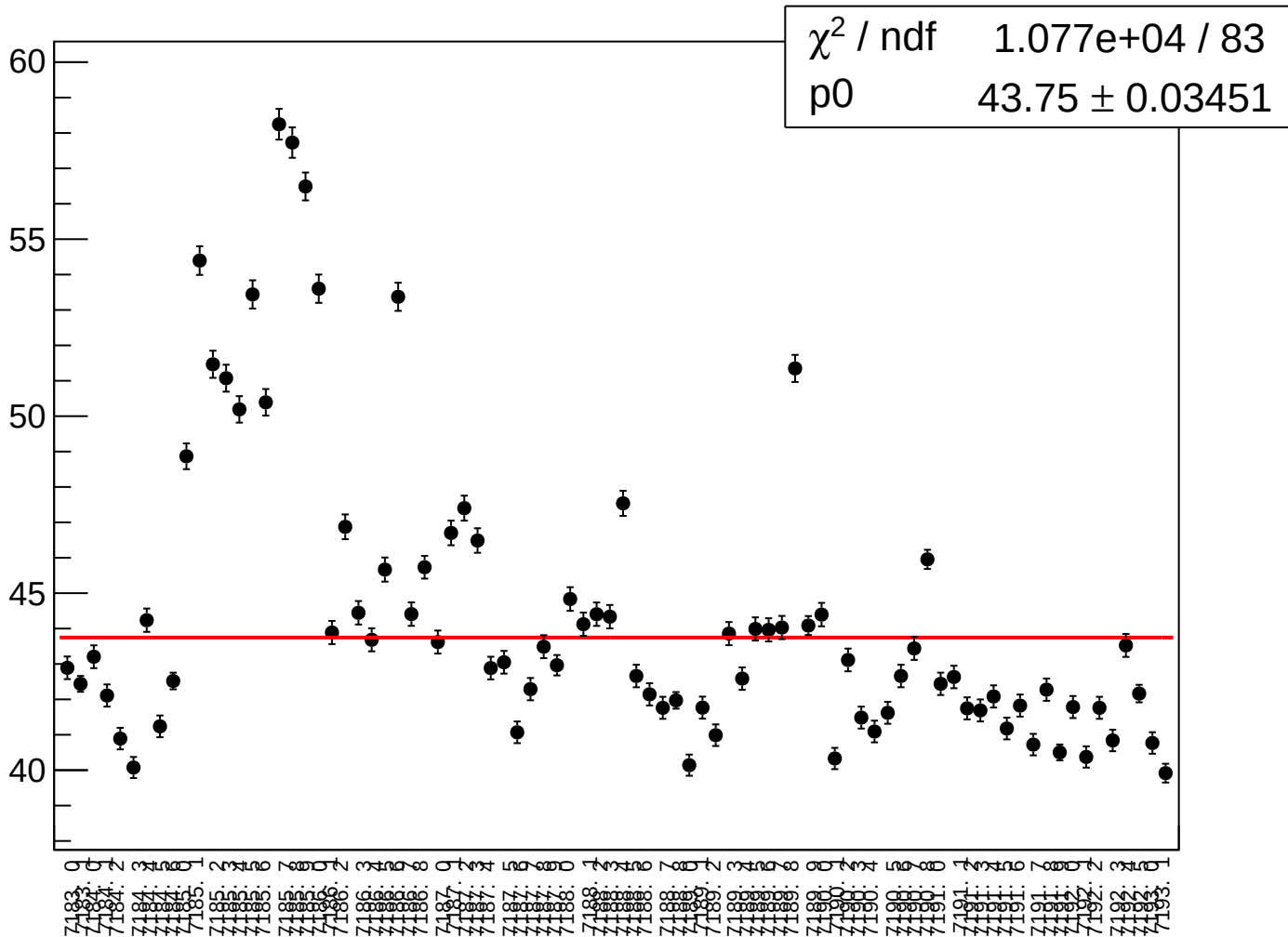
asym_sam_15_48_dd_cor_correction_rms vs run



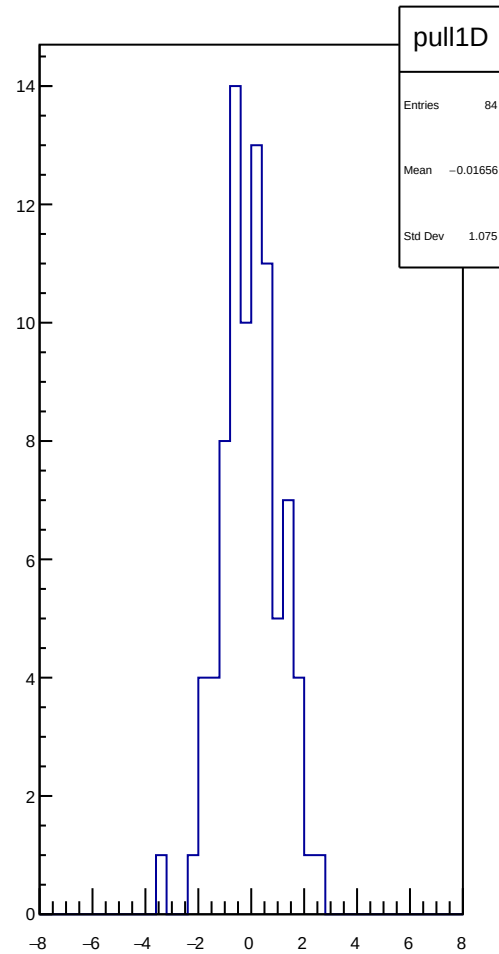
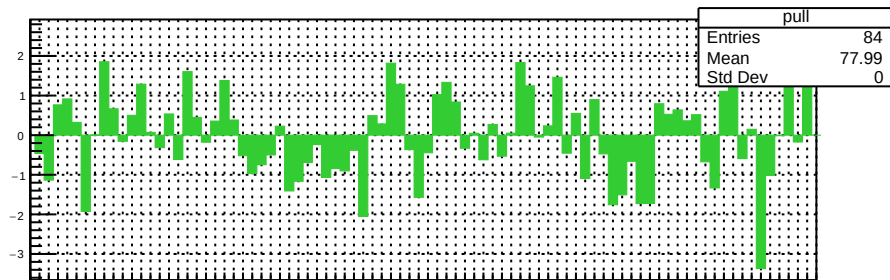
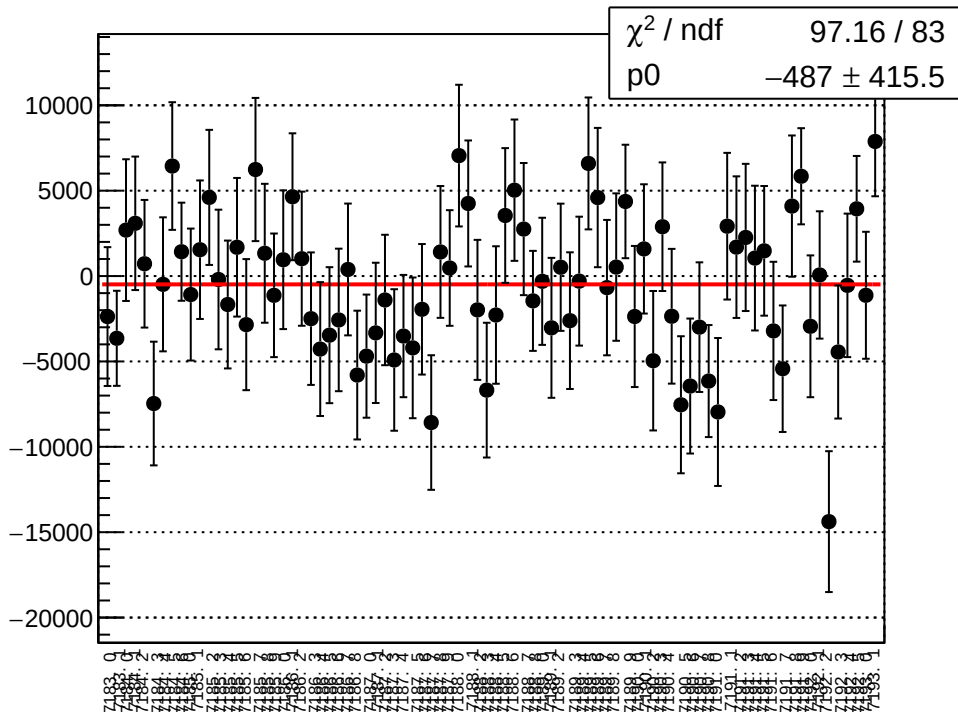
eigen_cor_asym_sam_15_48_dd_mean vs run



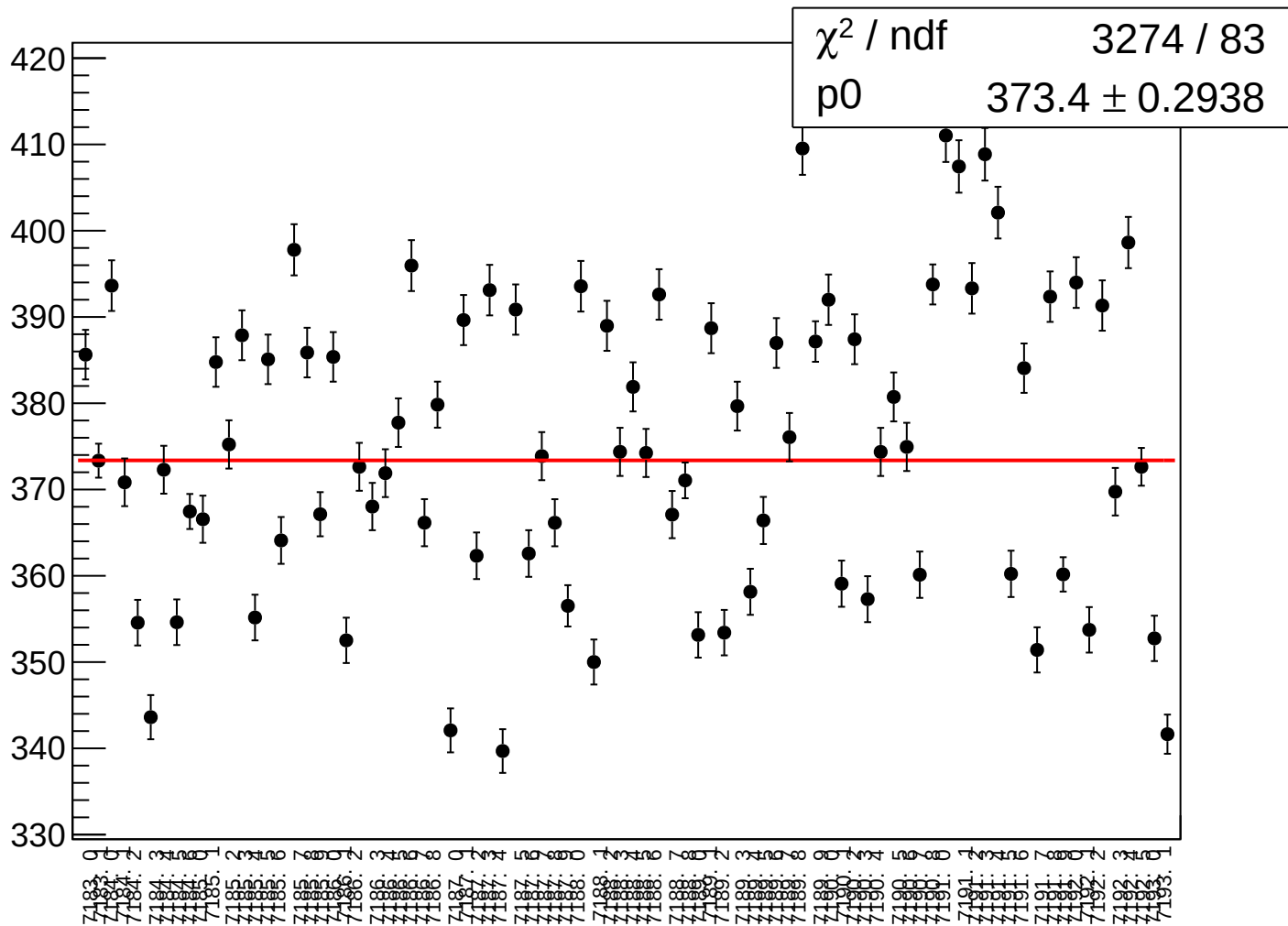
eigen_cor_asym_sam_15_48_dd_rms vs run



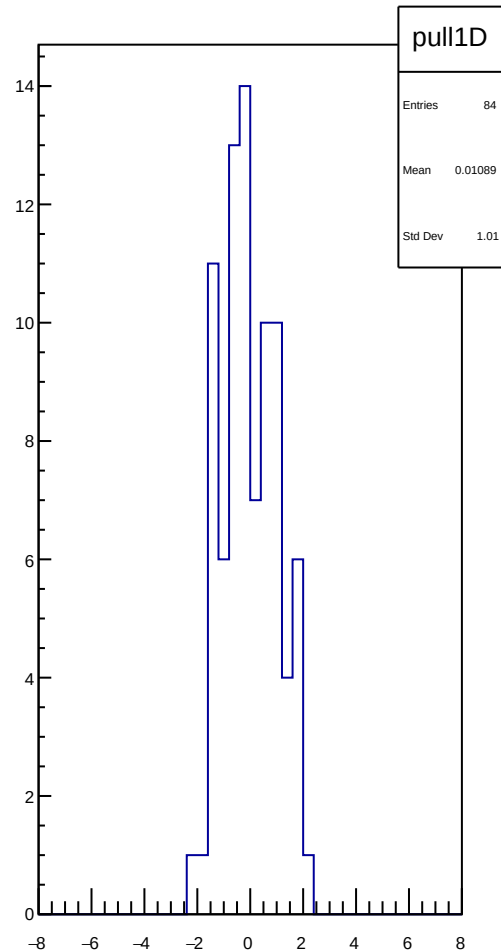
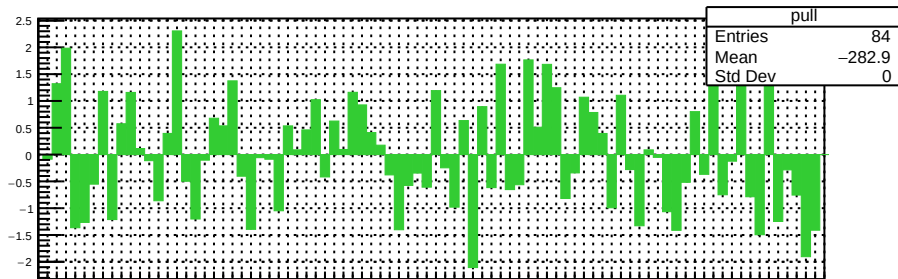
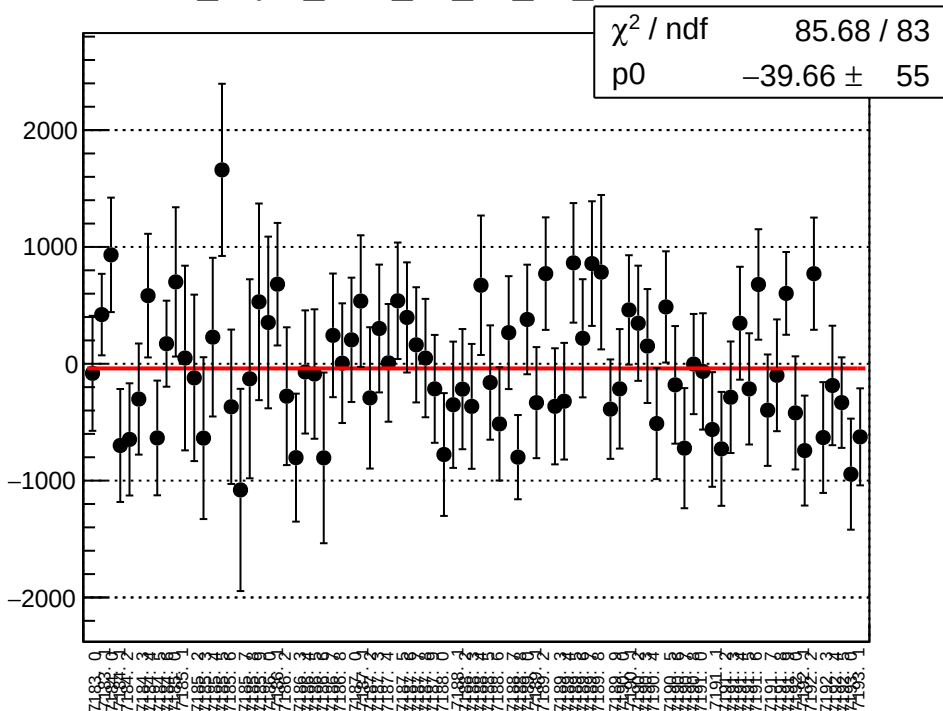
asym_sam_15_48_dd_eigen_cor_correction_mean vs run



asym_sam_15_48_dd_eigen_cor_correction_rms vs run



dit_asym_sam_15_48_dd_mean vs run



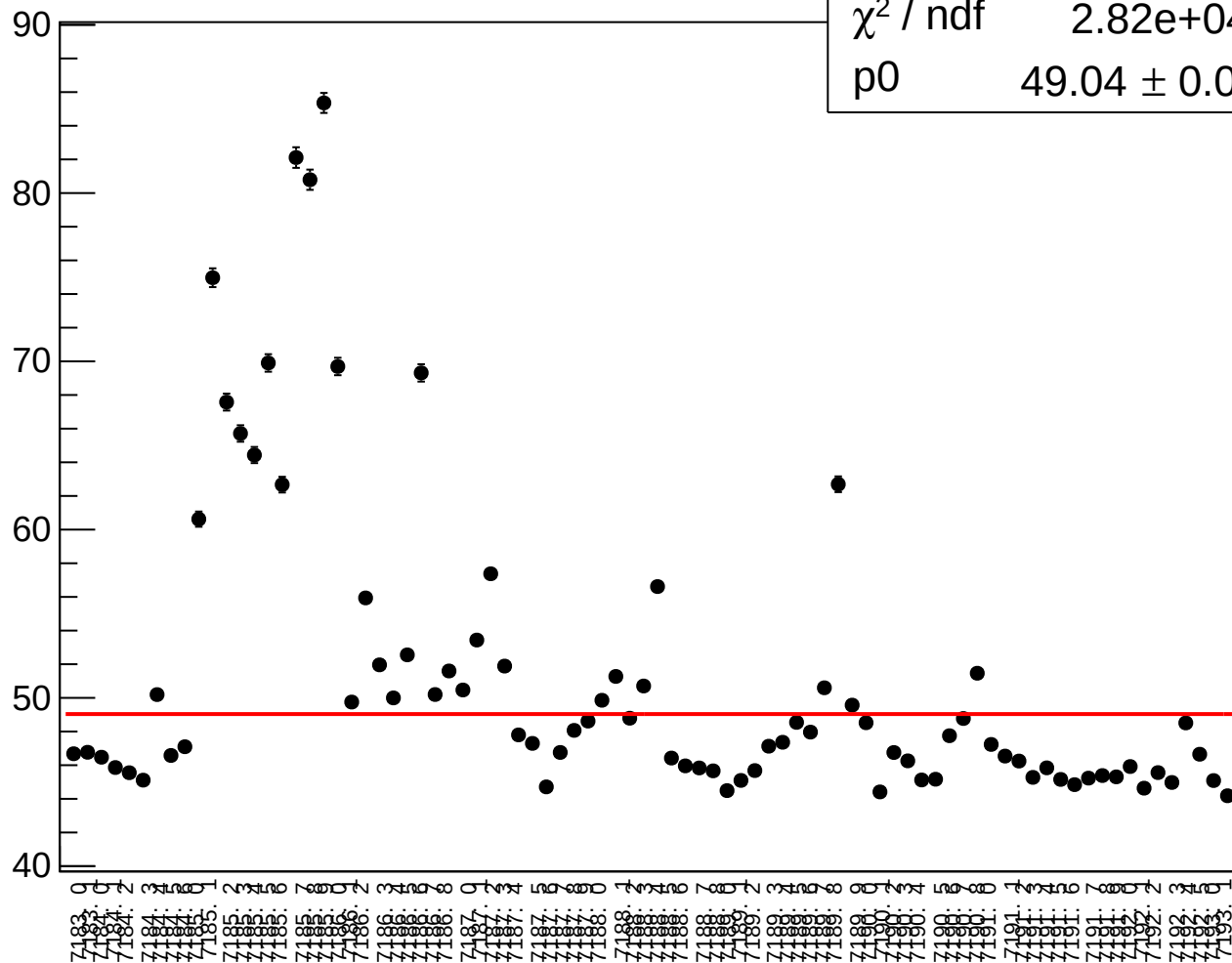
dit_asym_sam_15_48_dd_rms vs run

χ^2 / ndf

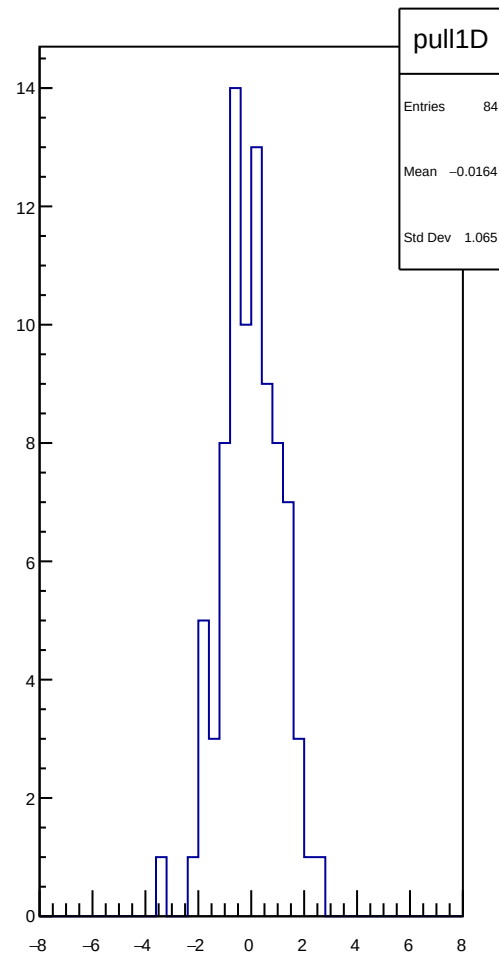
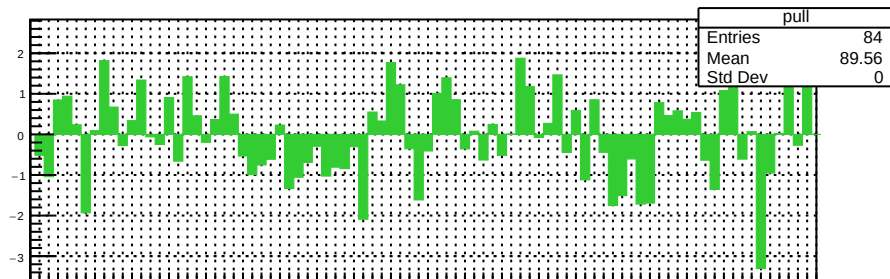
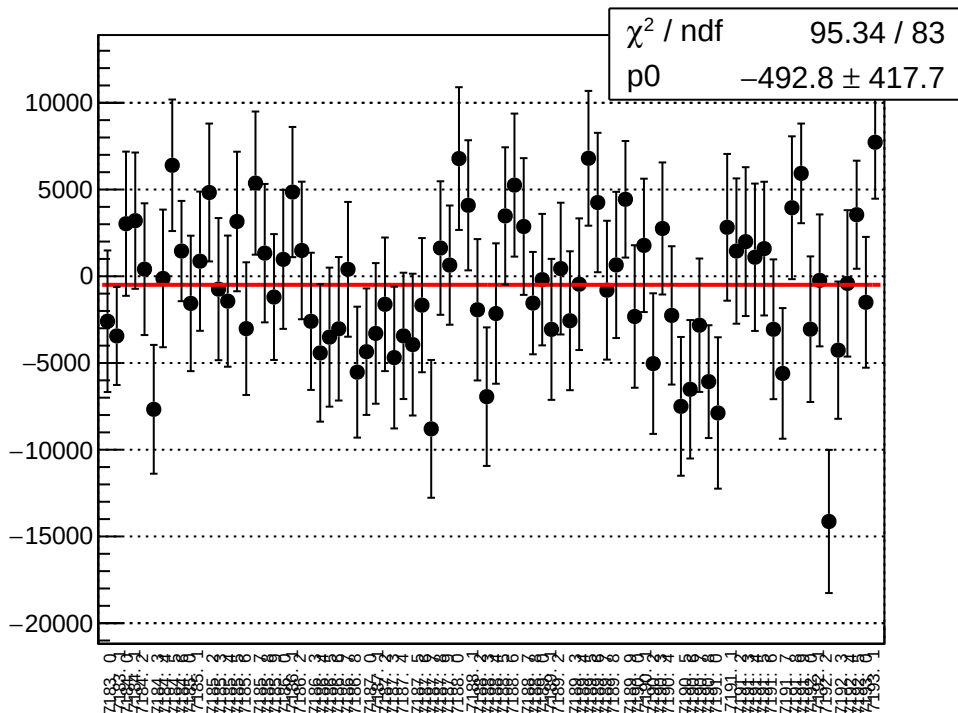
2.82e+04 / 83

p0

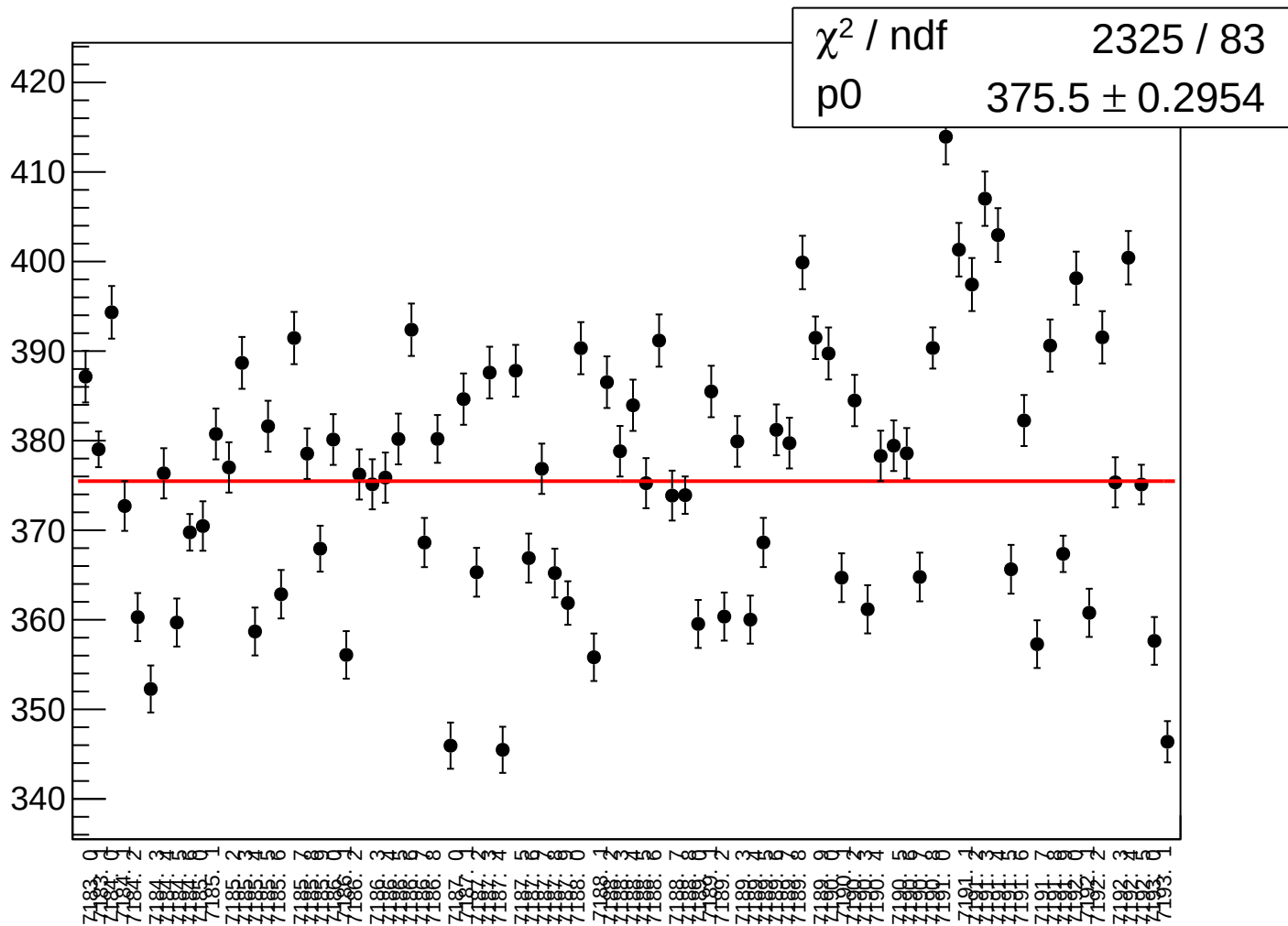
49.04 $\pm$ 0.03889



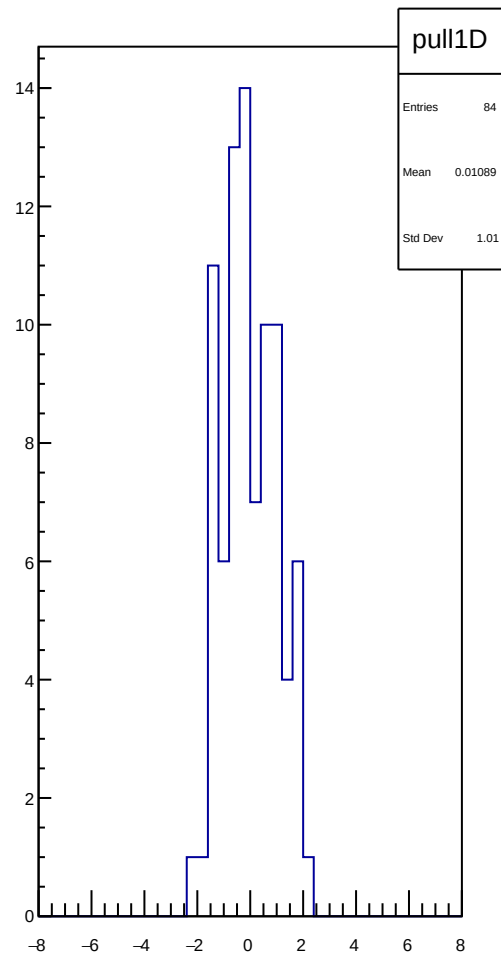
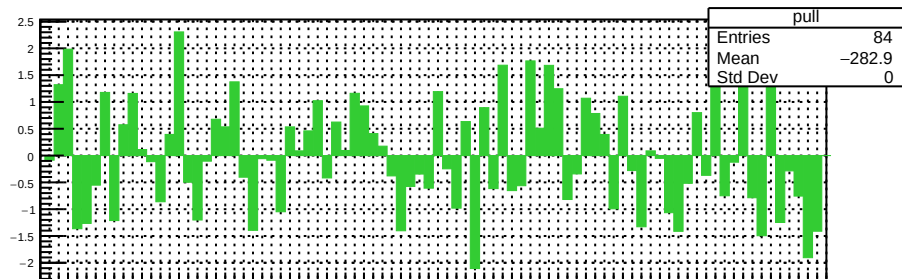
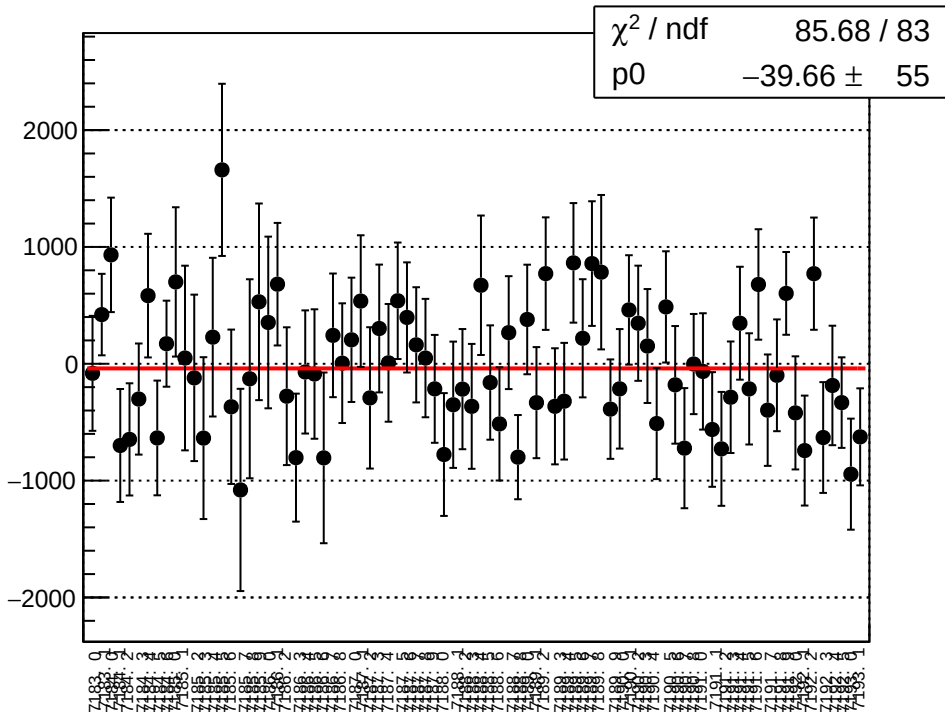
asym_sam_15_48_dd_dit_correction_mean vs run



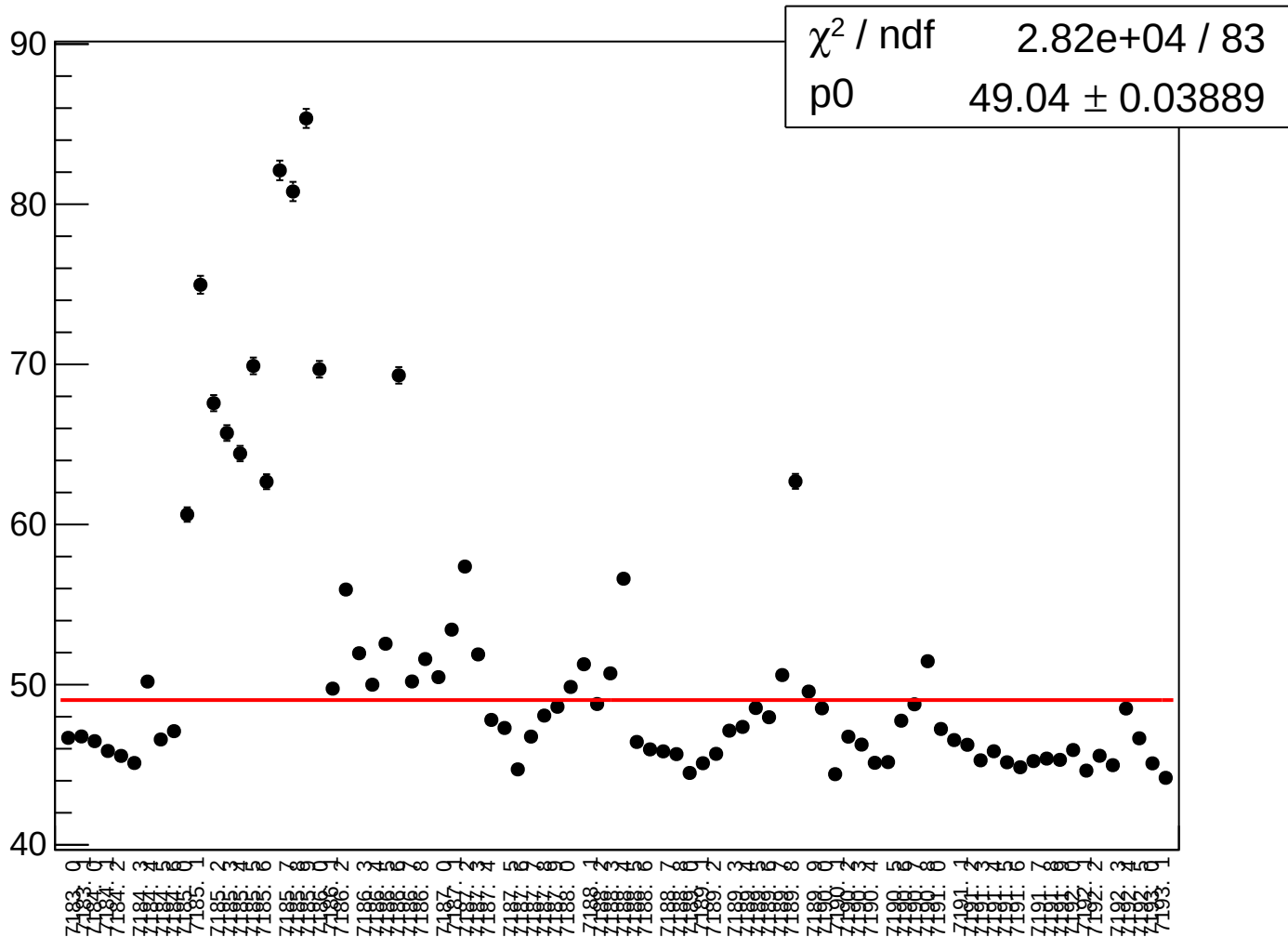
asym_sam_15_48_dd_dit_correction_rms vs run



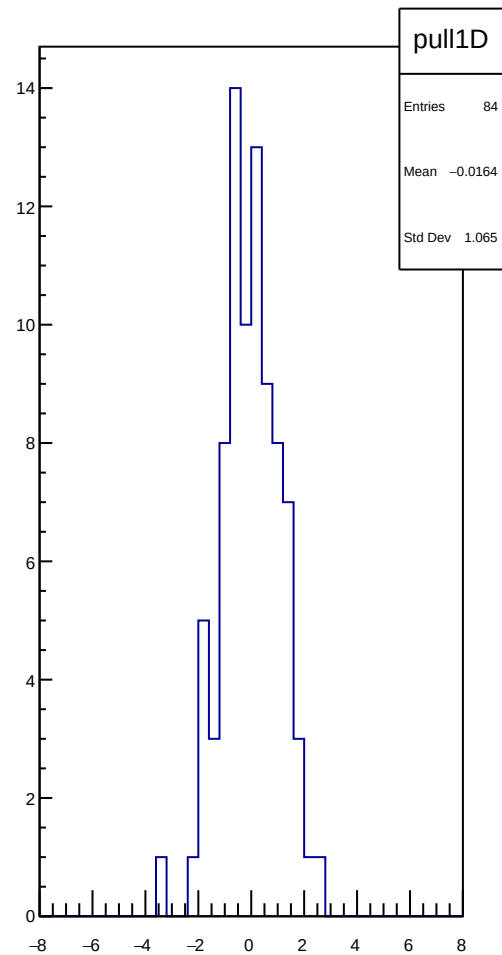
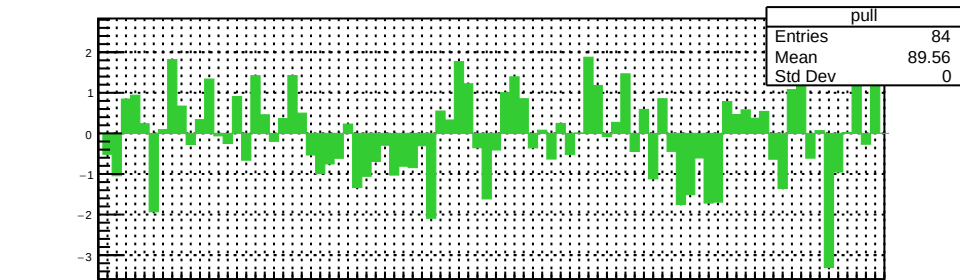
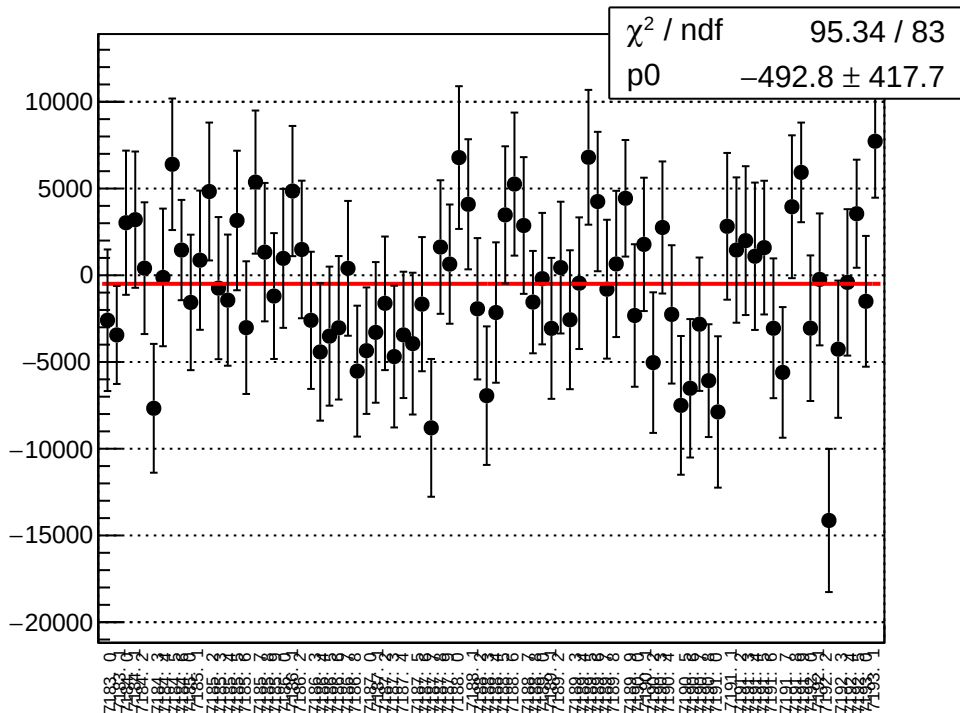
eigen dit asym sam 15 48 dd mean vs run



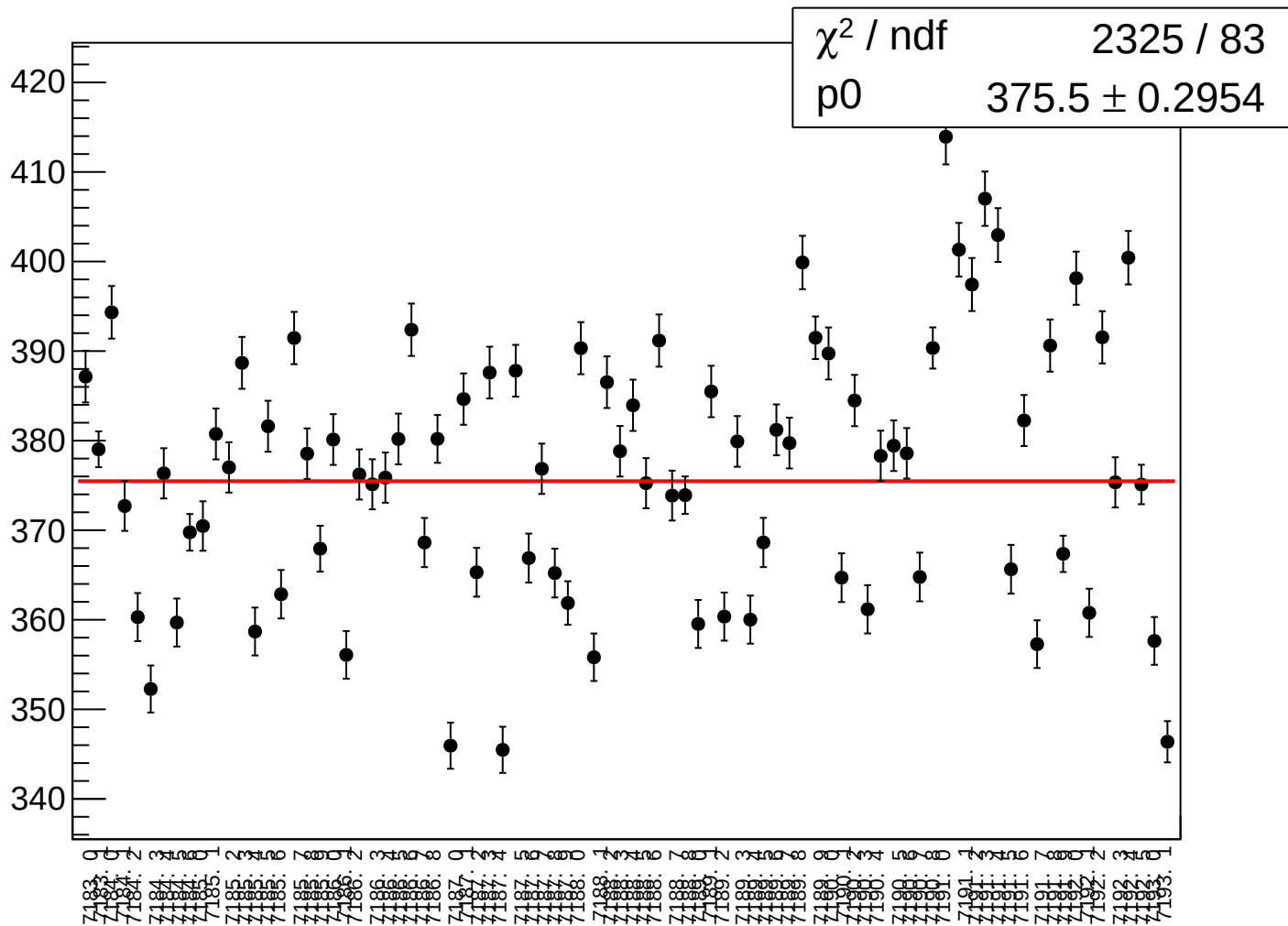
eigen_dit_asym_sam_15_48_dd_rms vs run



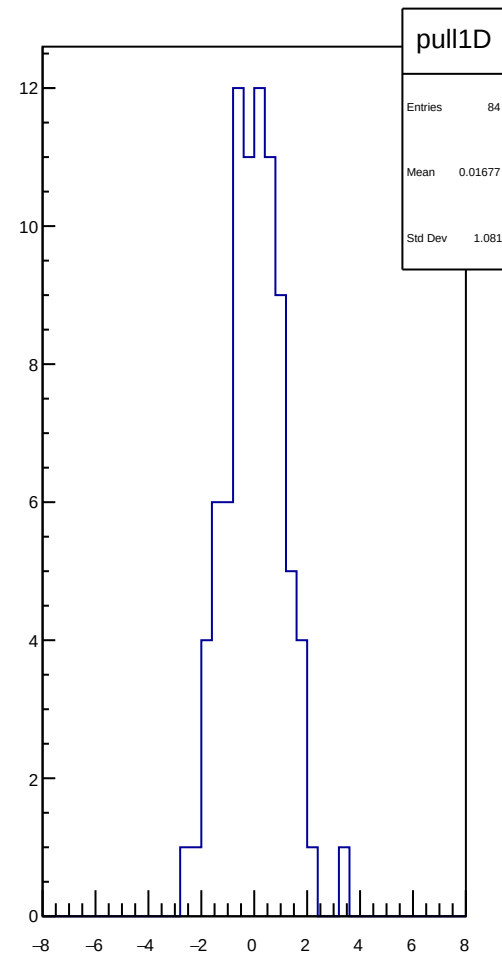
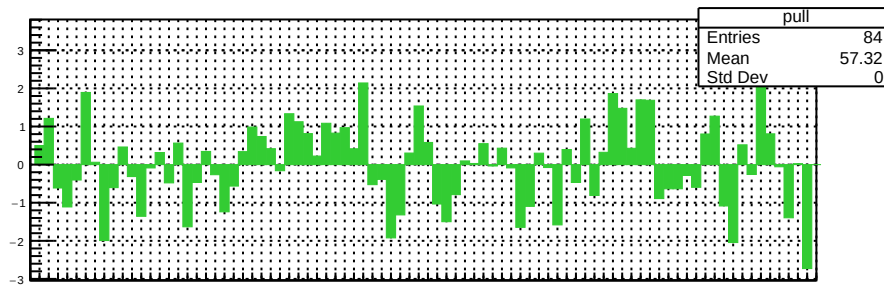
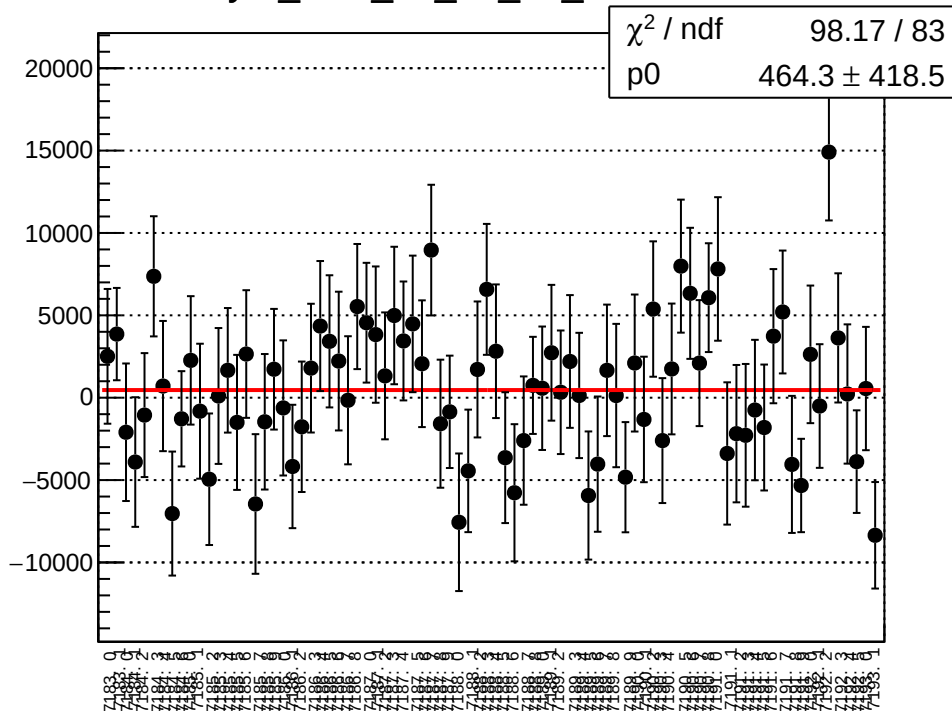
asym sam 15 48 dd eigen dit correction mean vs run



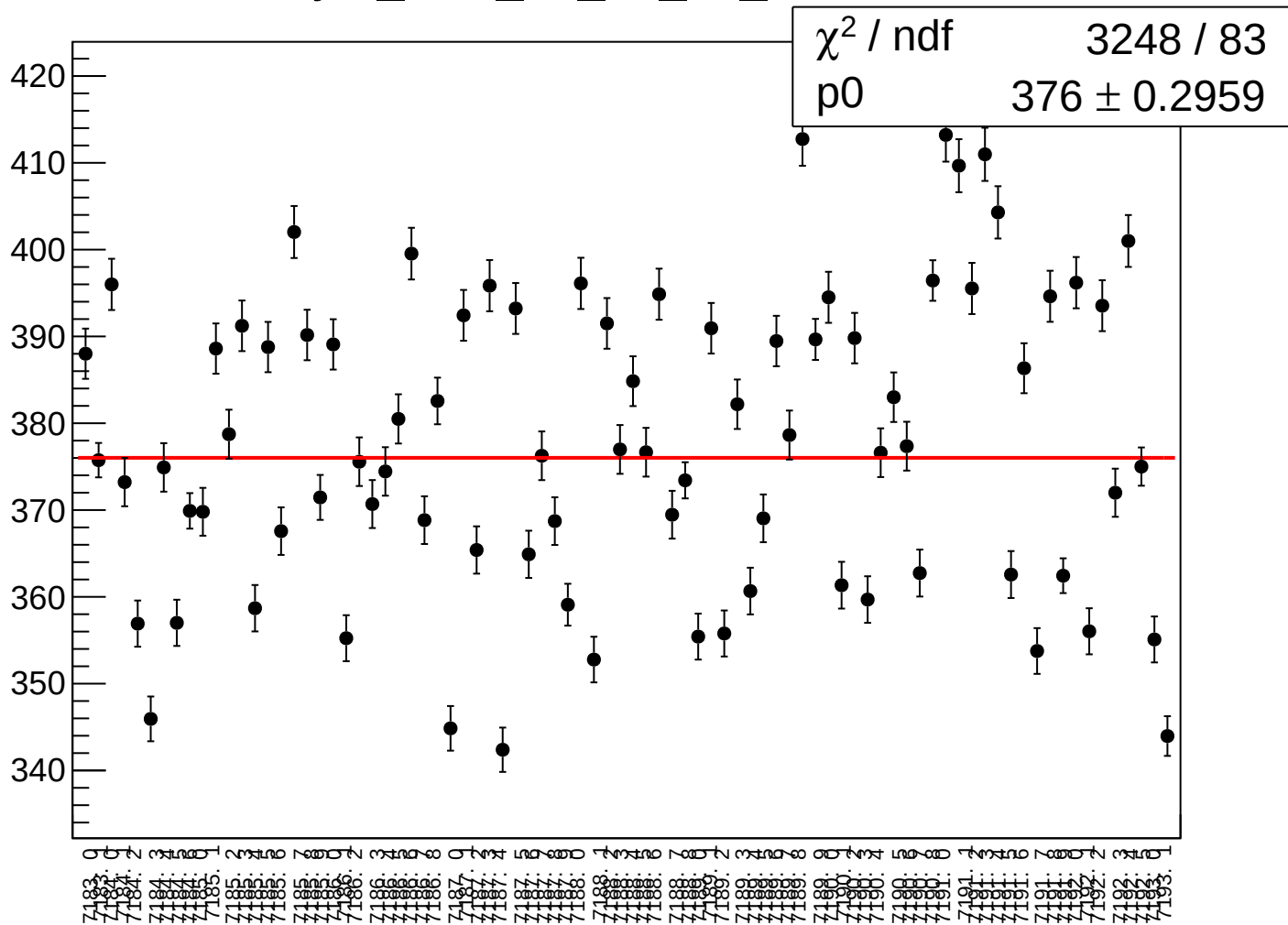
asym_sam_15_48_dd_eigen_dit_correction_rms vs run



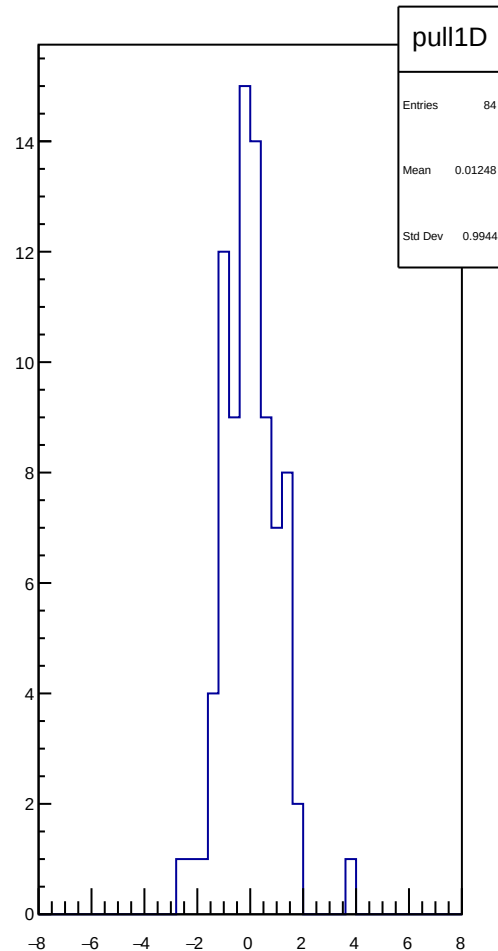
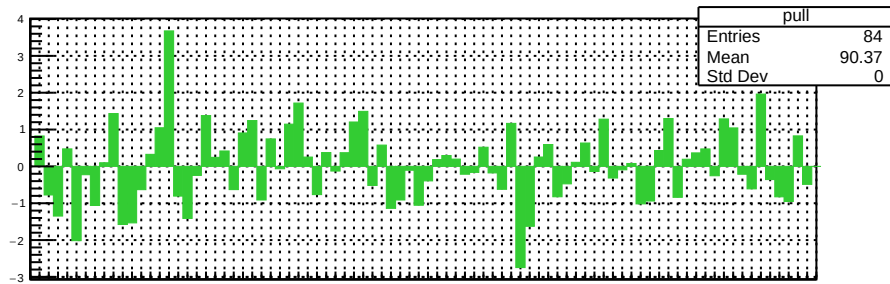
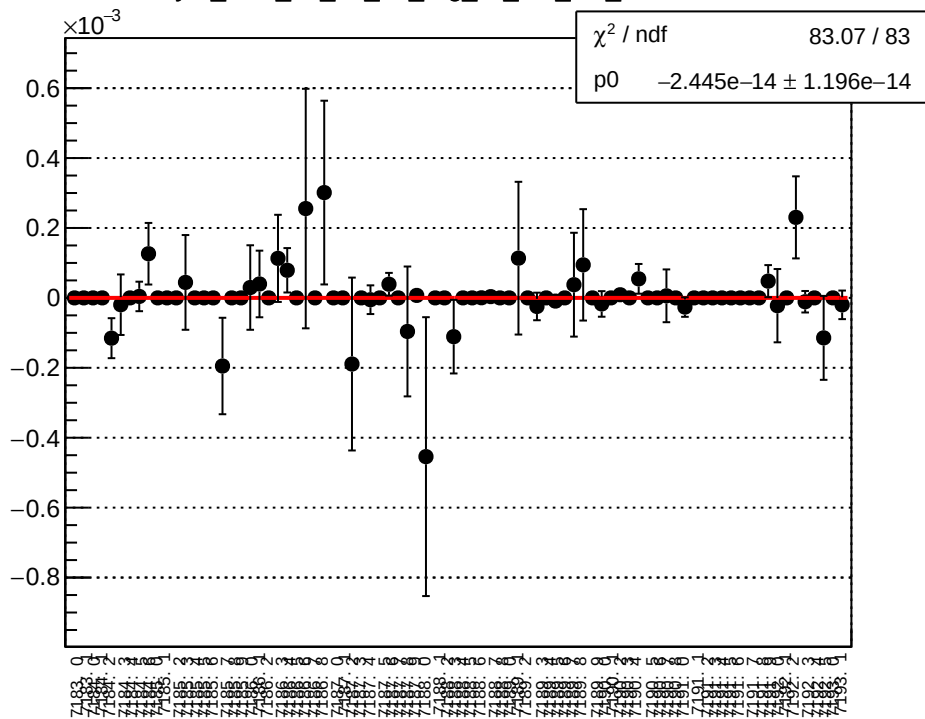
asym_sam_15_48_dd_mean vs run



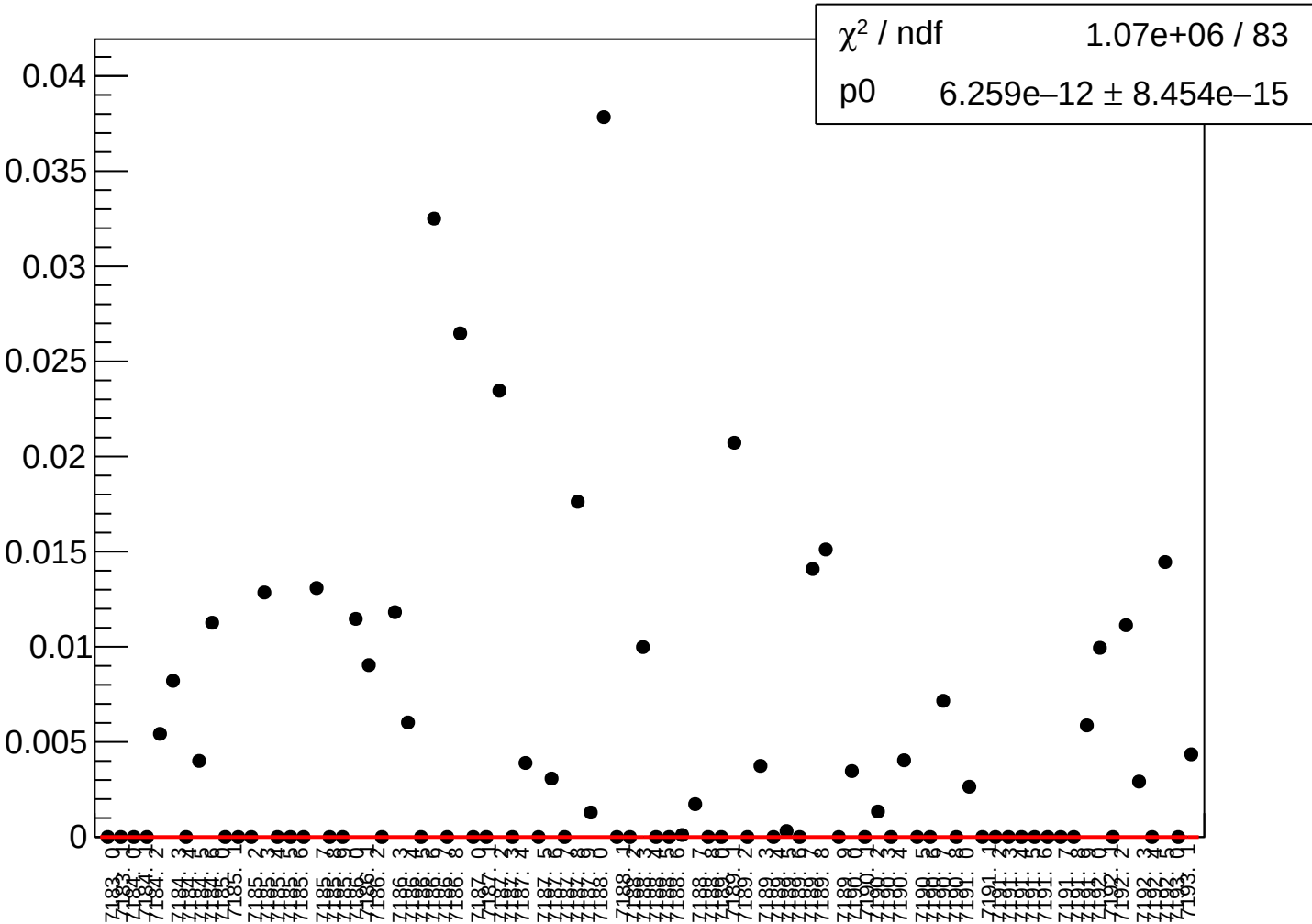
asym_sam_15_48_dd_rms vs run



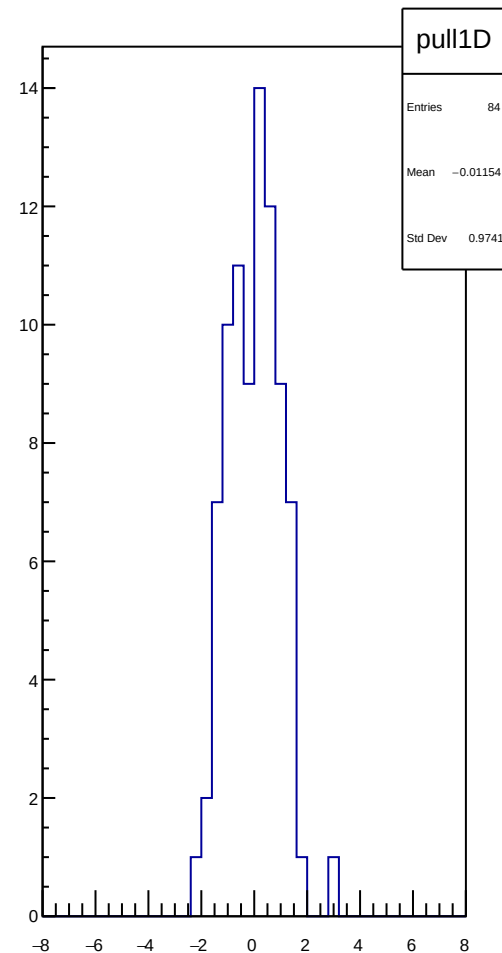
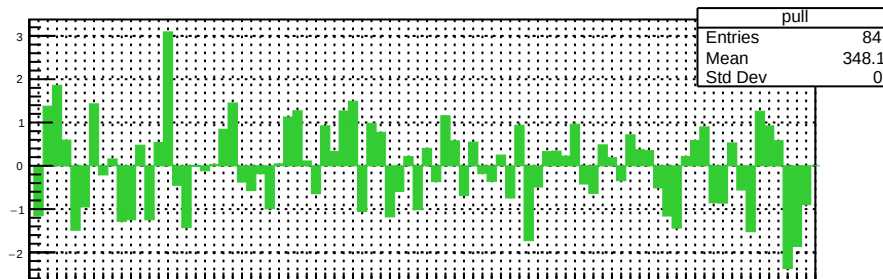
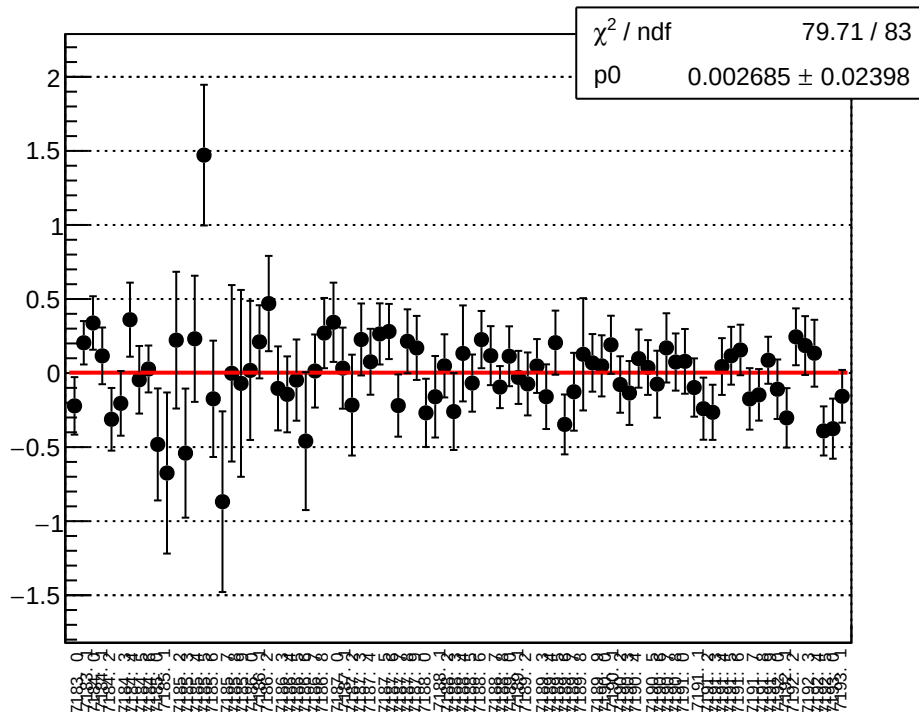
asym_sam_15_48_dd_reg_vs_cor_diff_mean vs run



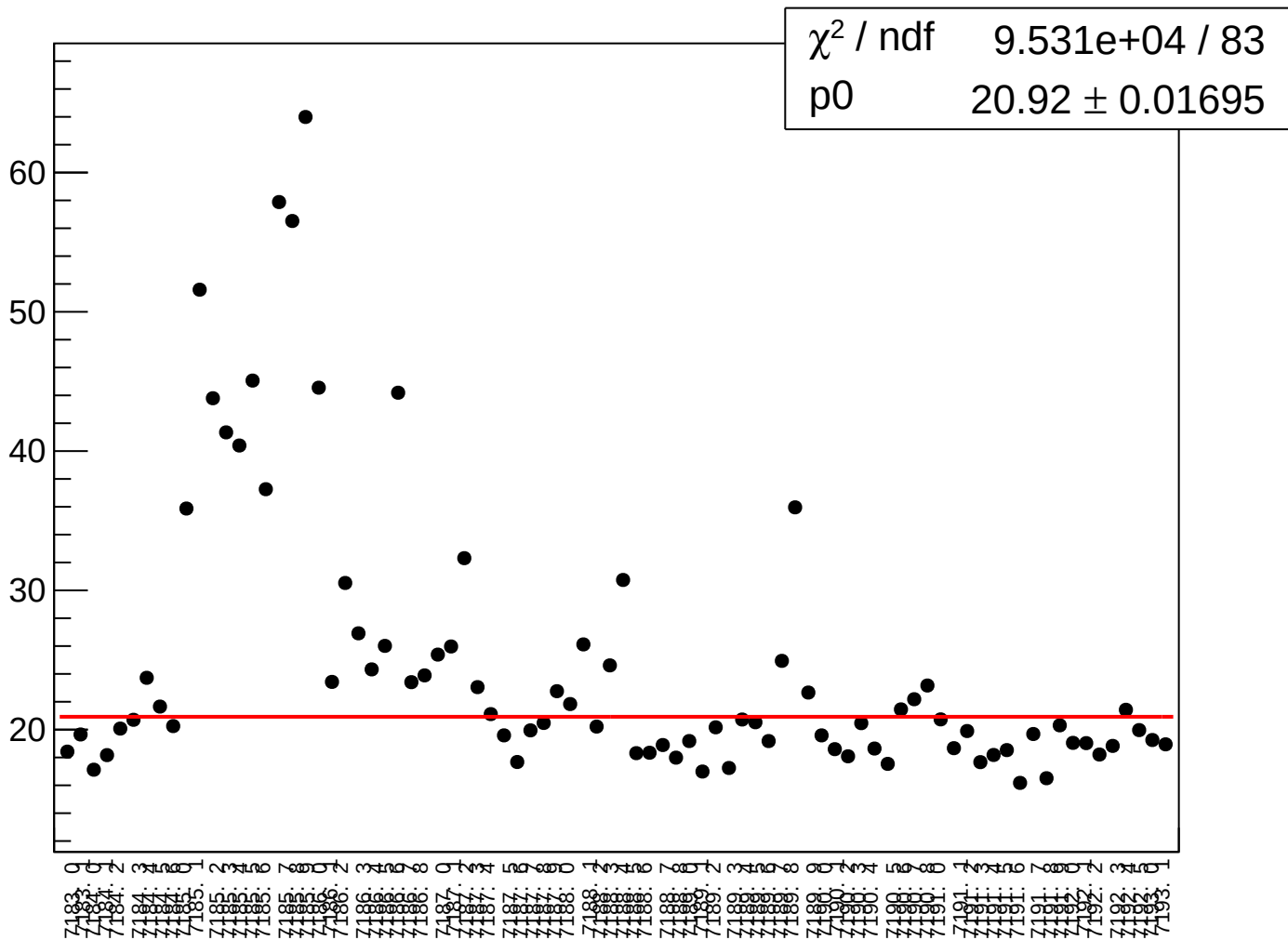
asym_sam_15_48_dd_reg_vs_cor_diff_rms vs run



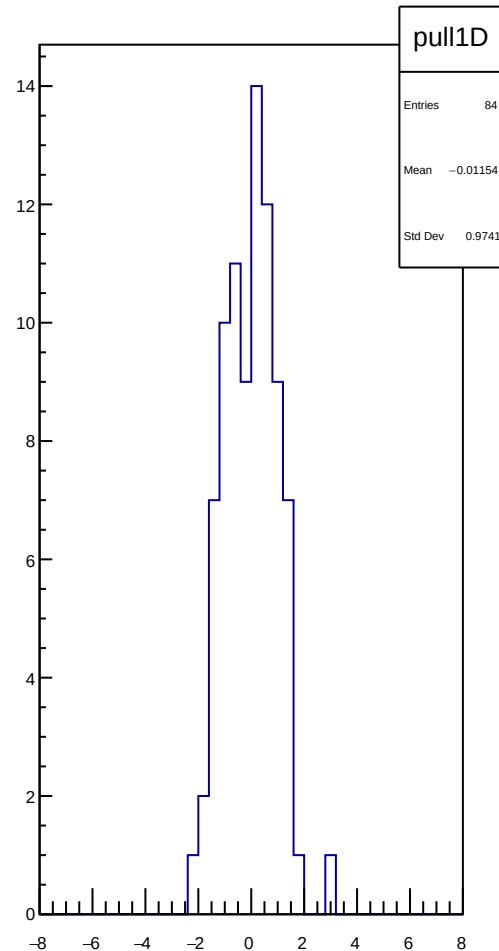
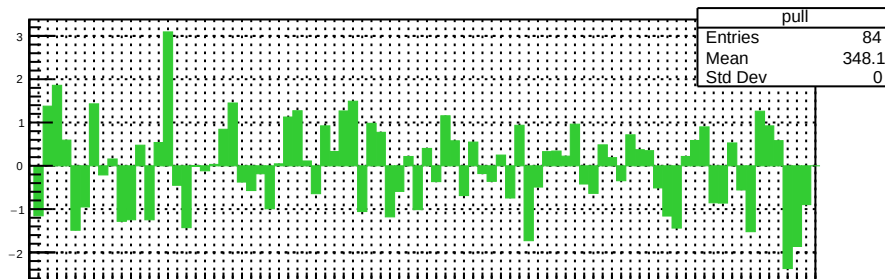
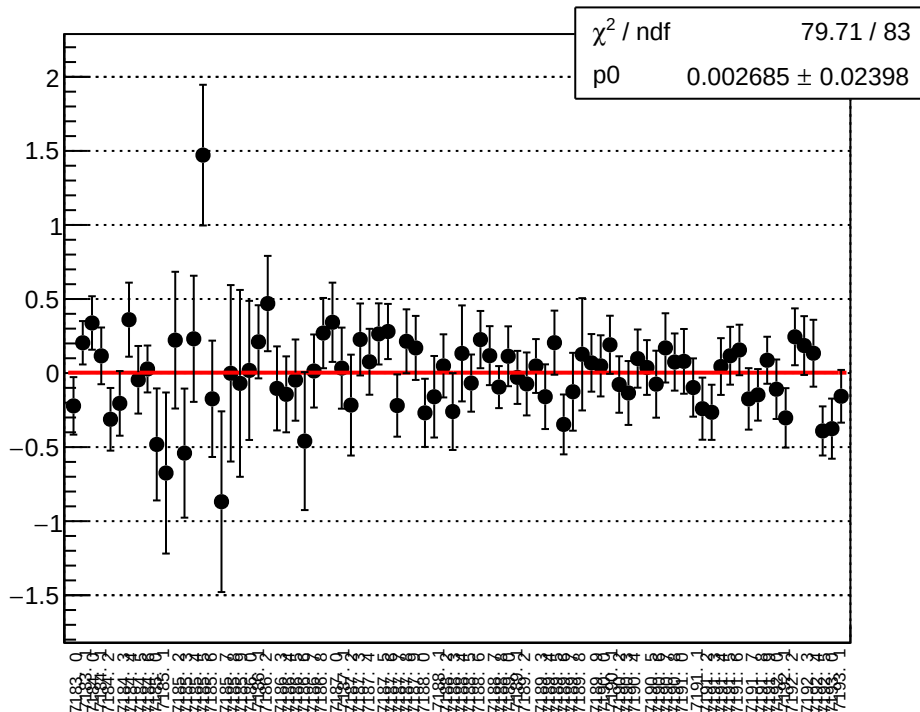
asym_sam_15_48_dd_dit_vs_cor_diff_mean vs run



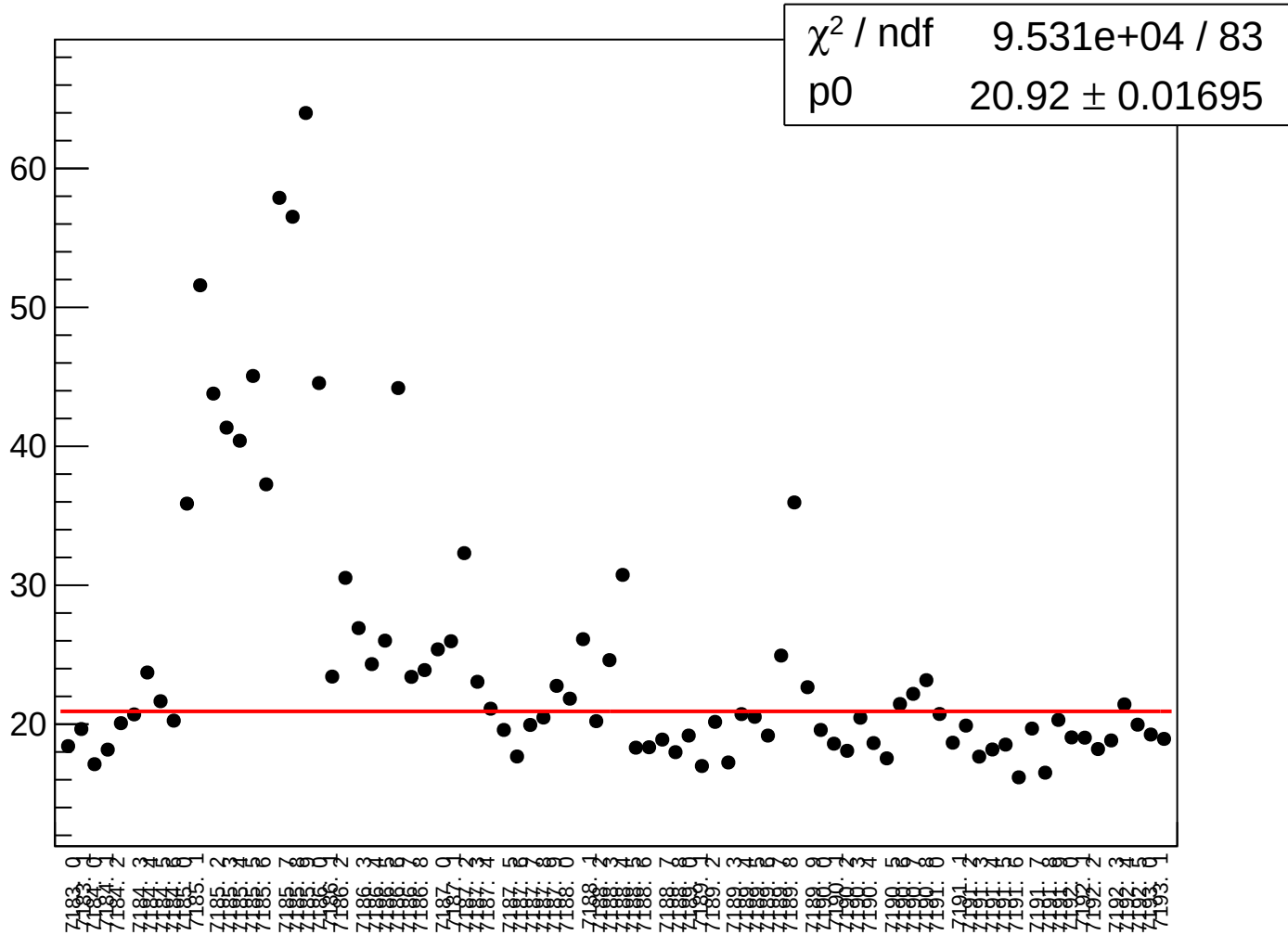
asym_sam_15_48_dd_dit_vs_cor_diff_rms vs run



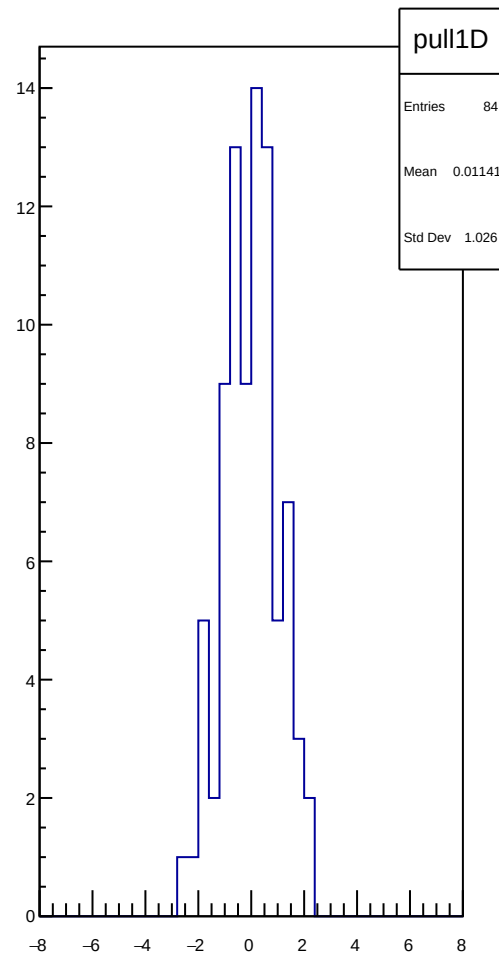
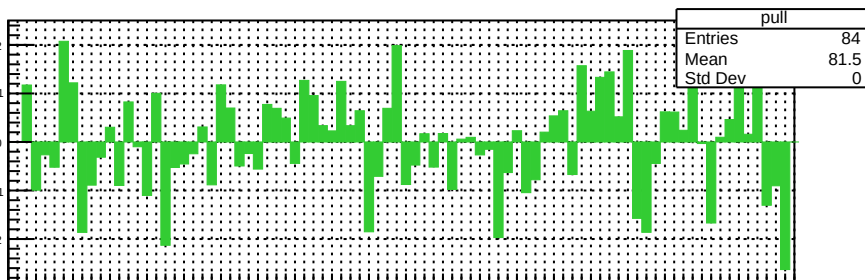
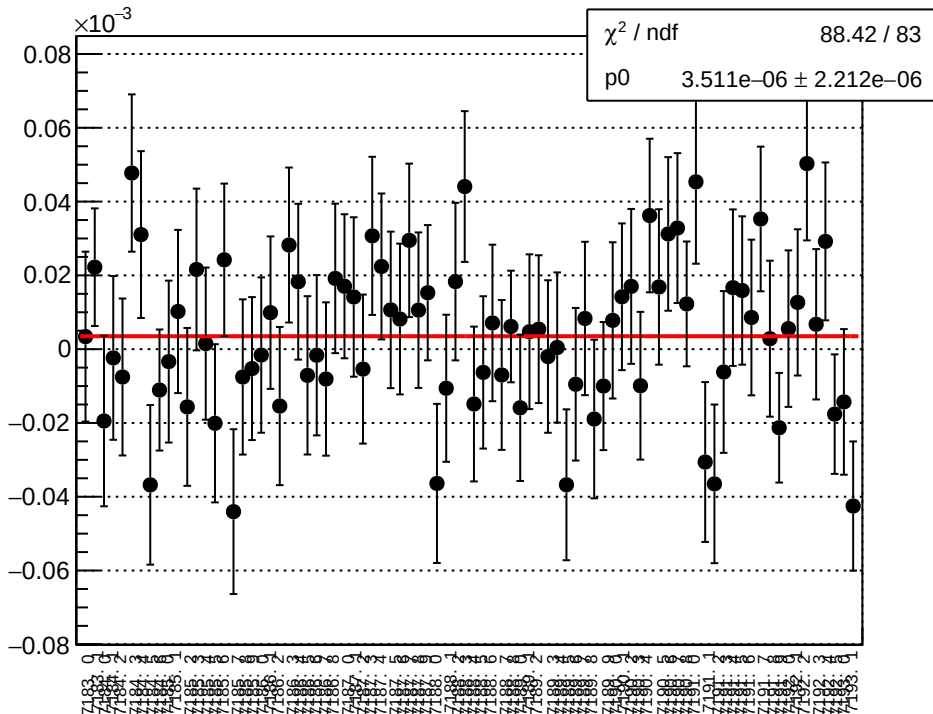
asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs run



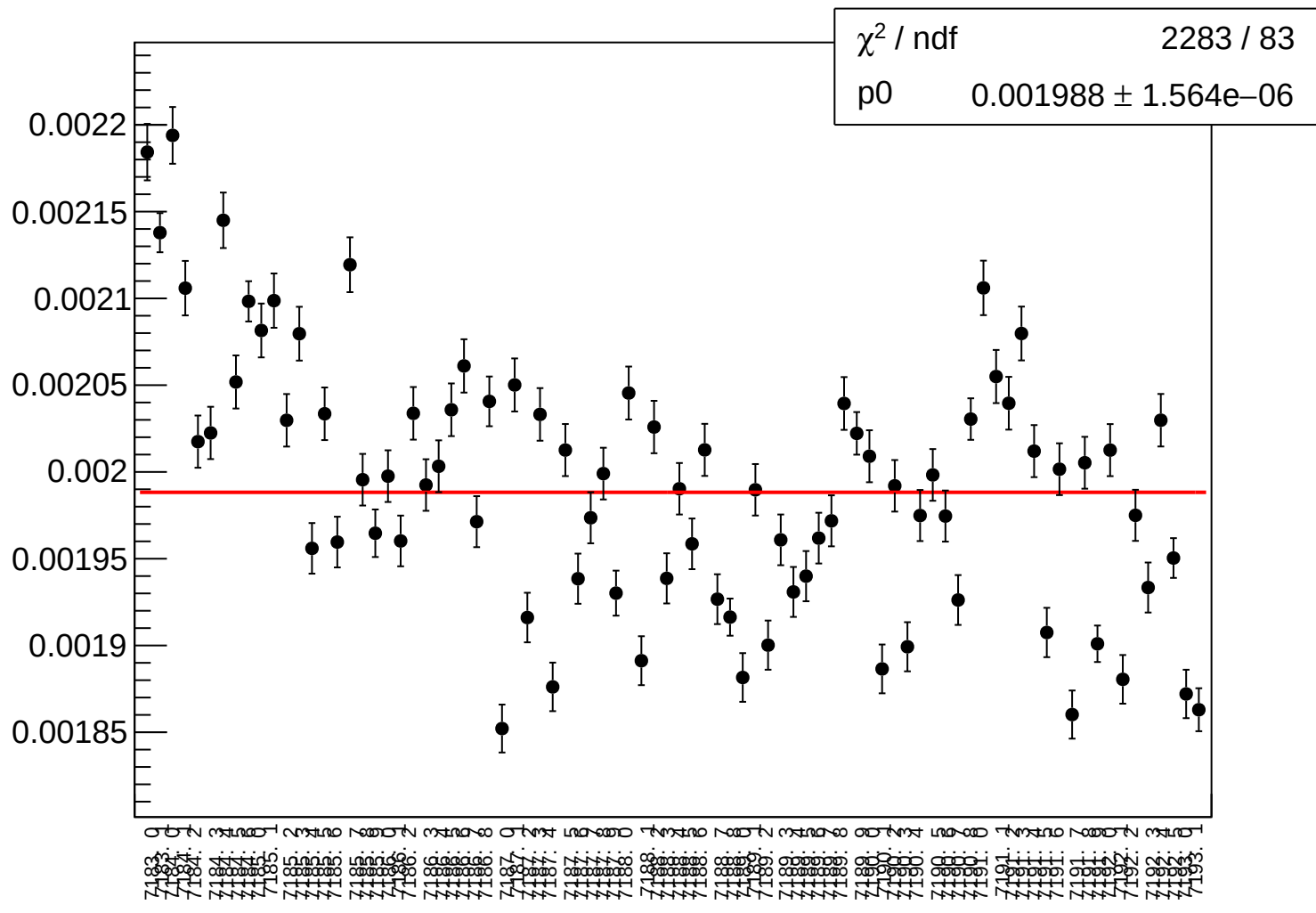
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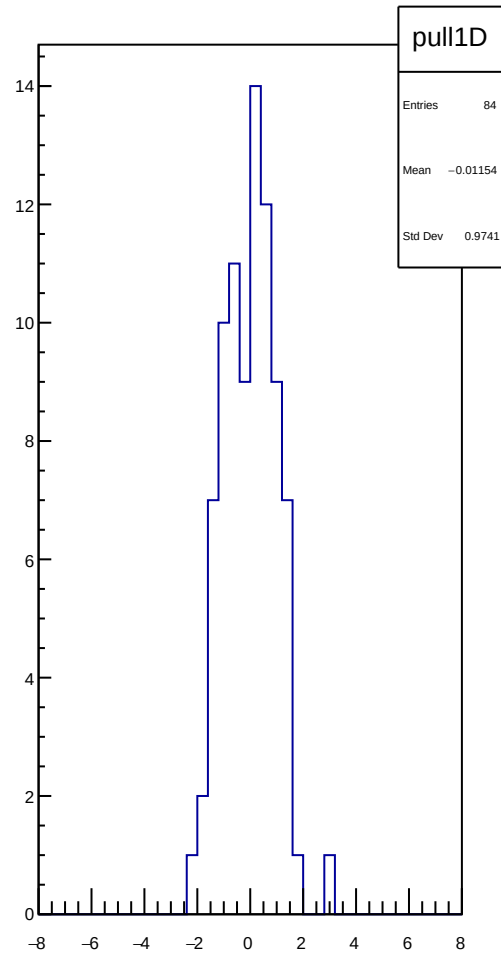
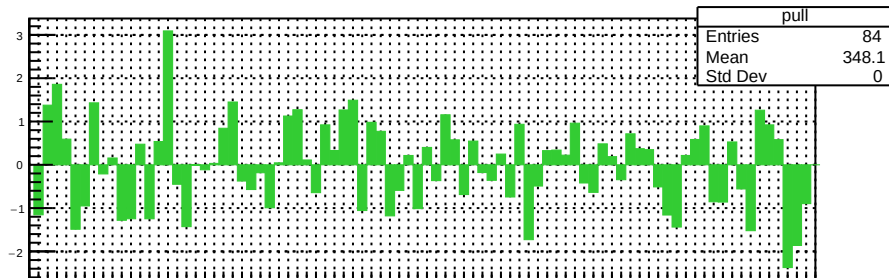
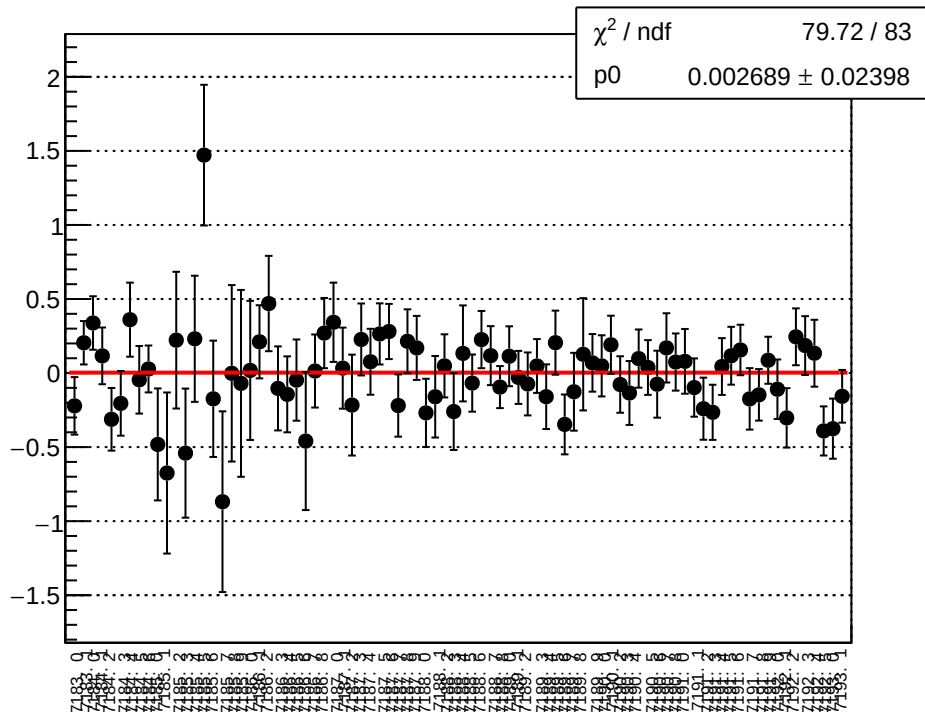
asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs run



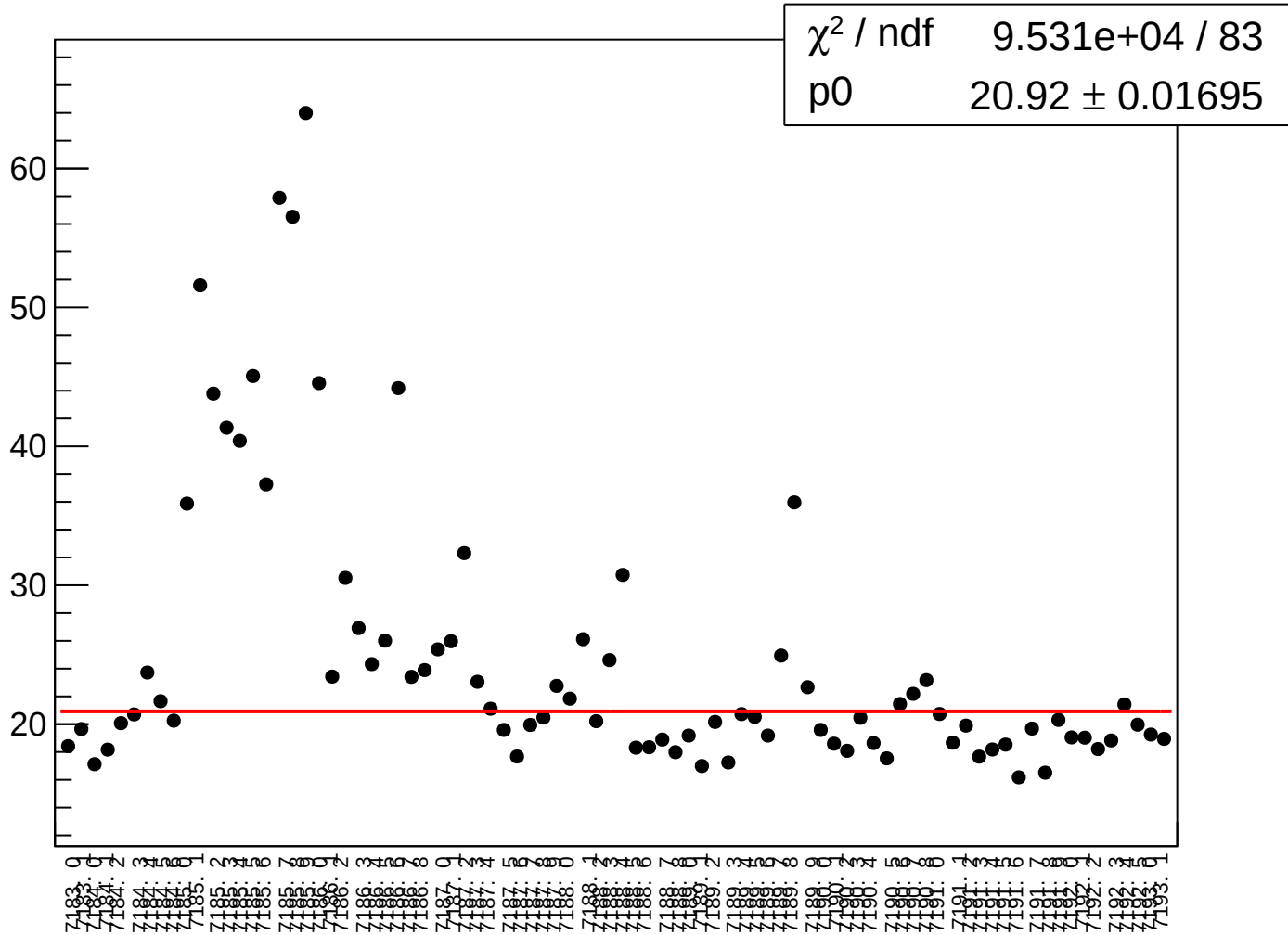
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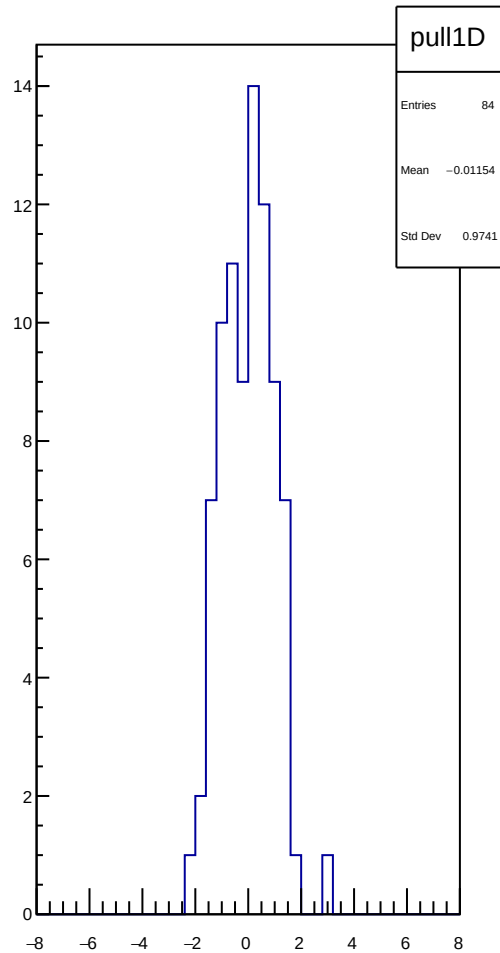
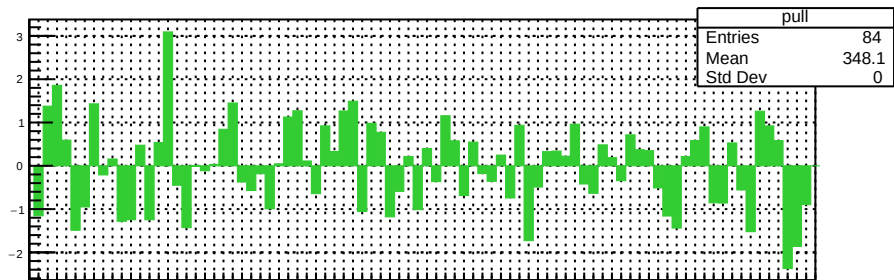
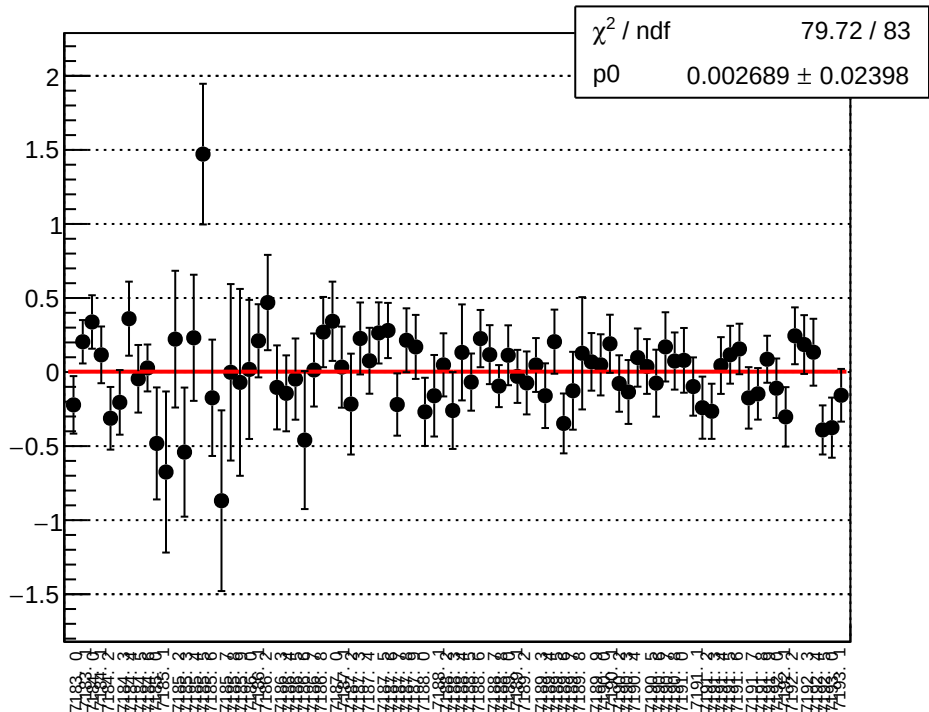
asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs run



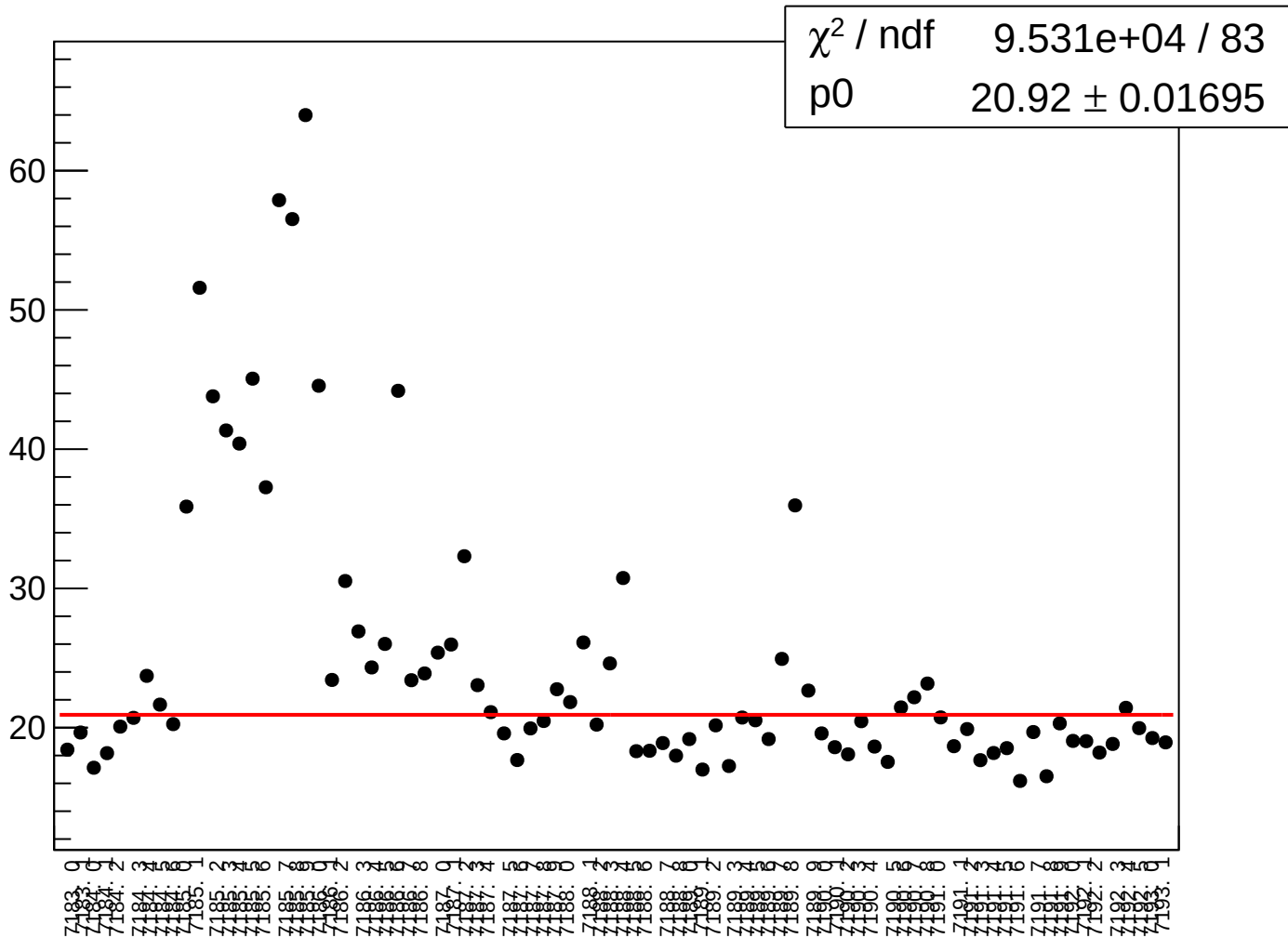
asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs run



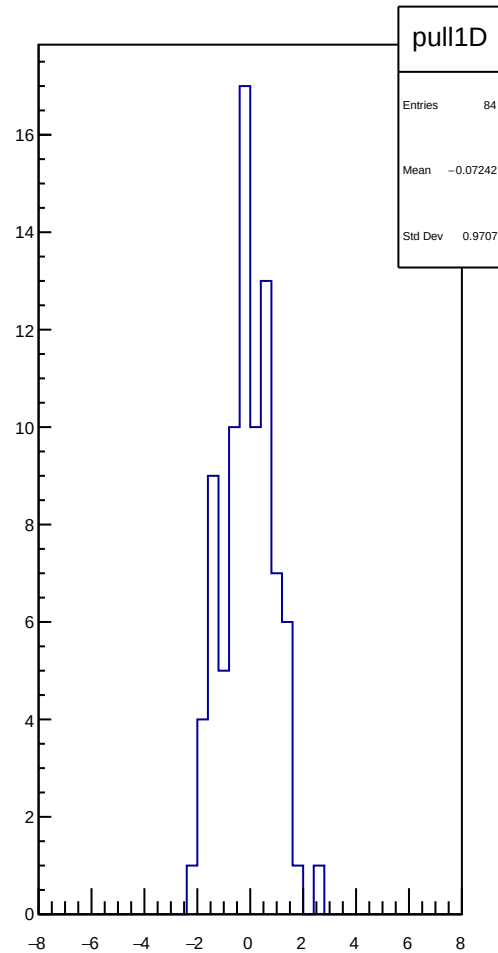
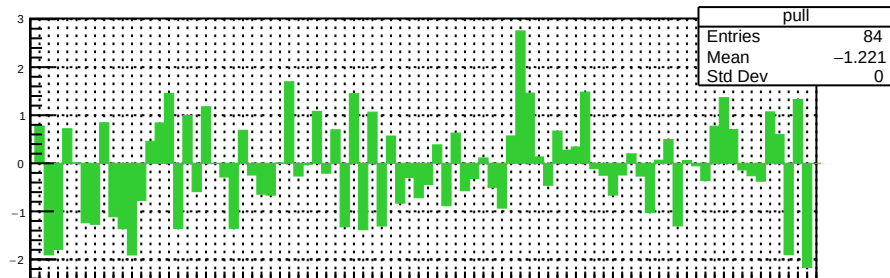
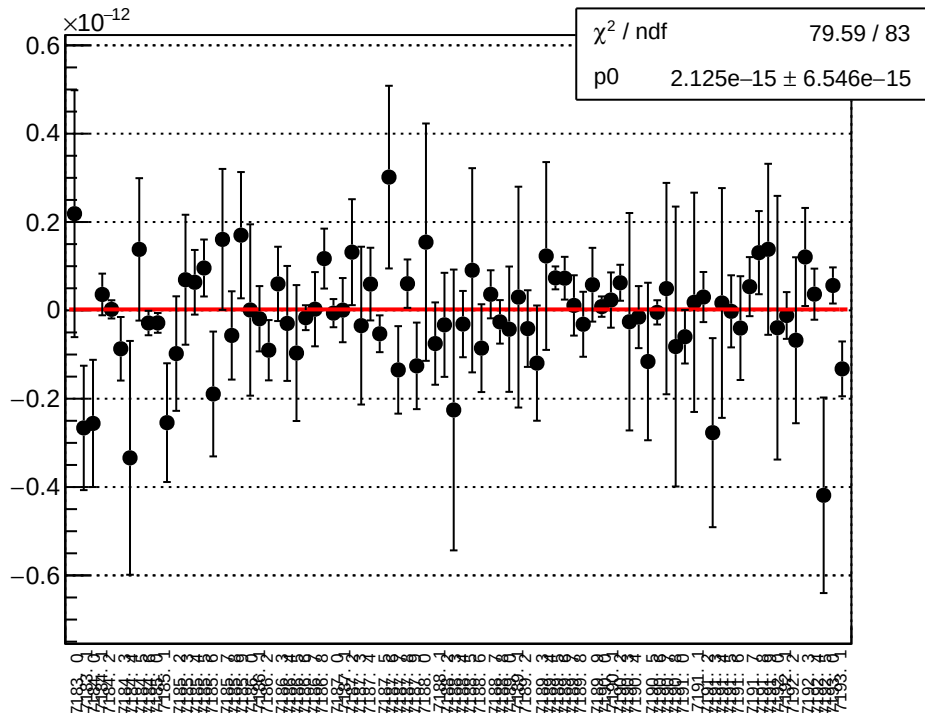
asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



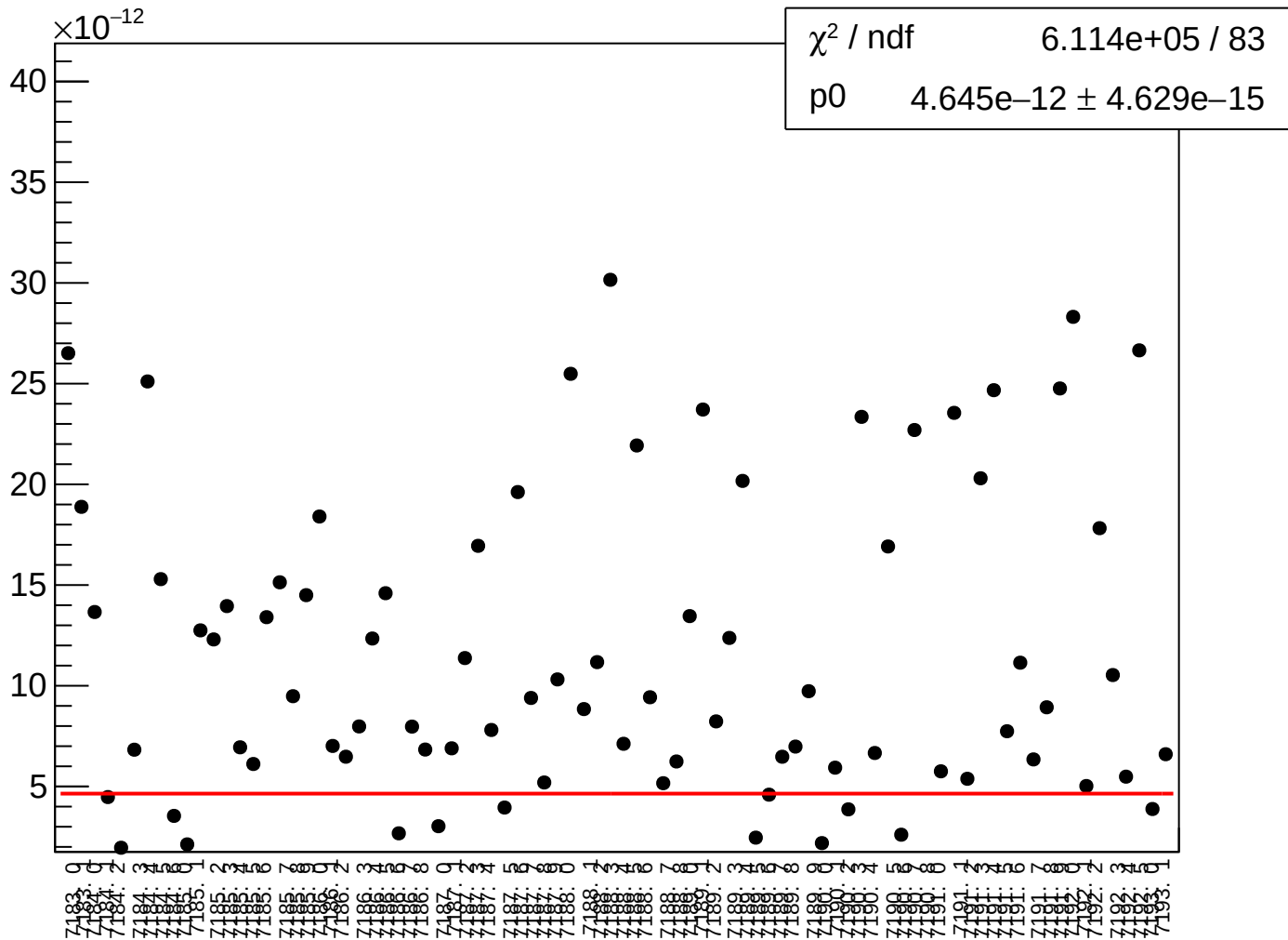
asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



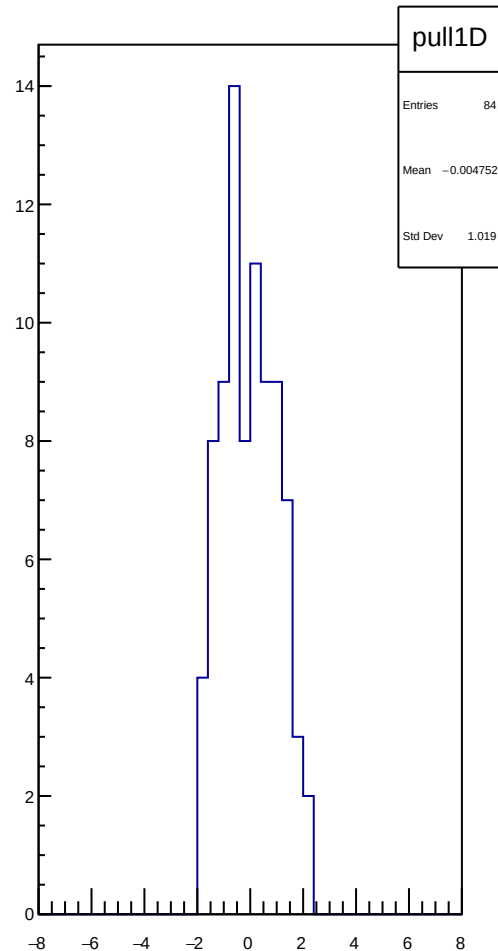
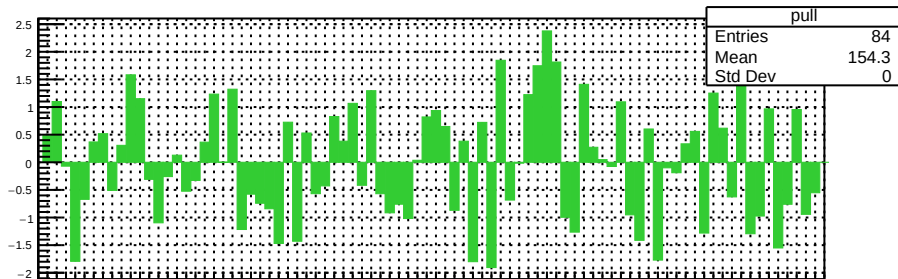
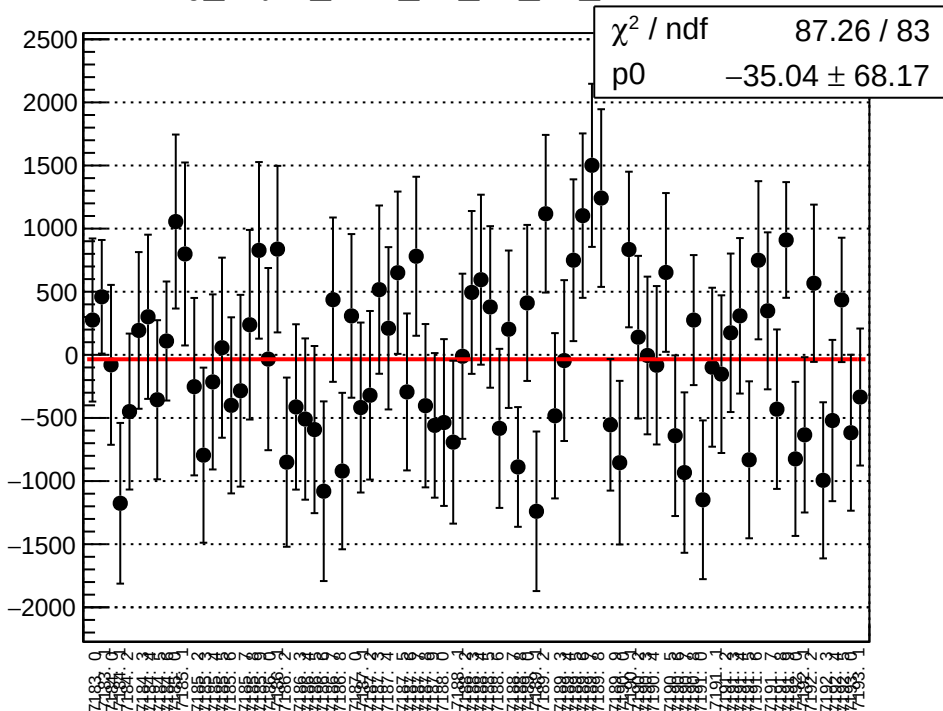
asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs run



asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_37_48_dd_mean vs run



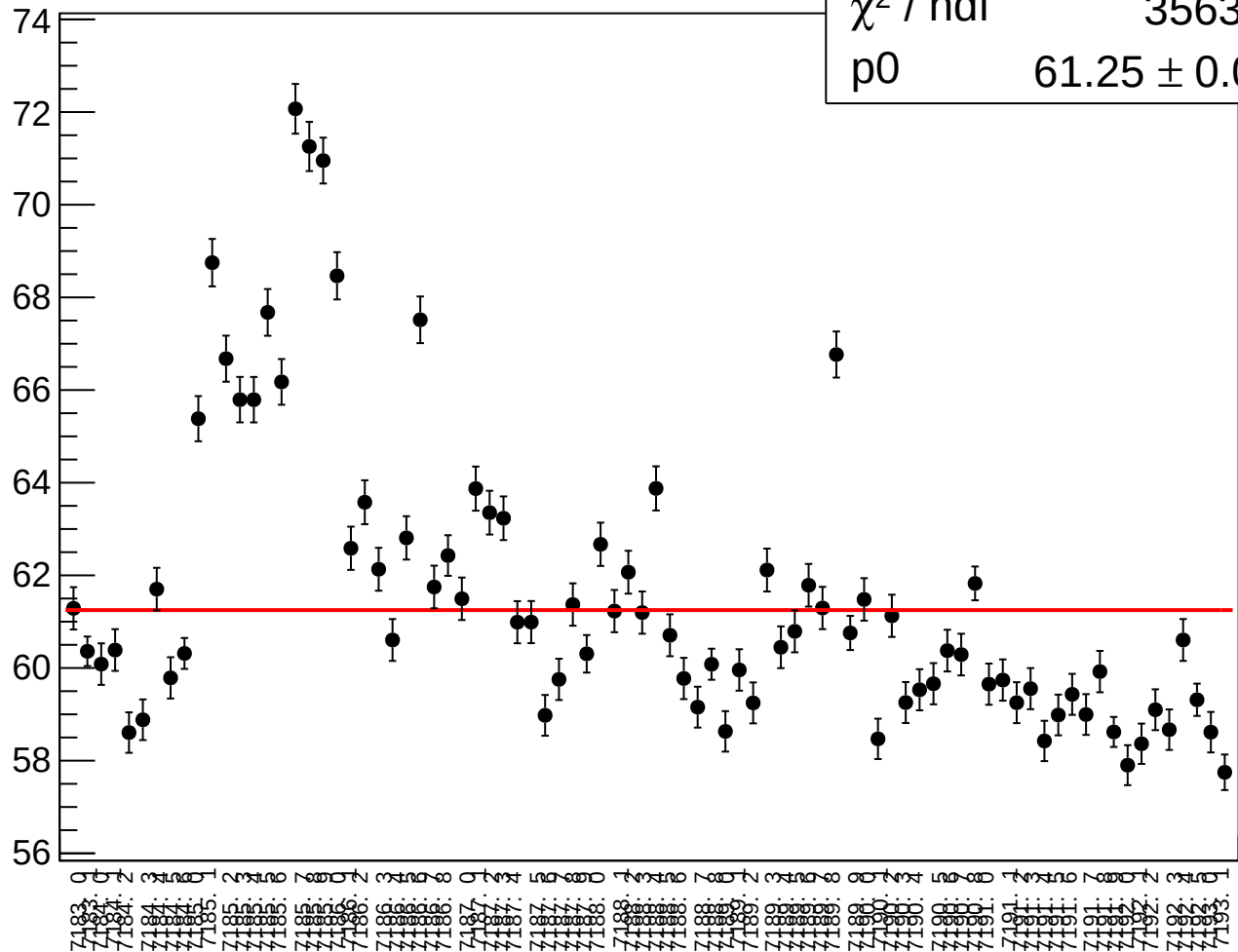
reg_asym_sam_37_48_dd_rms vs run

χ^2 / ndf

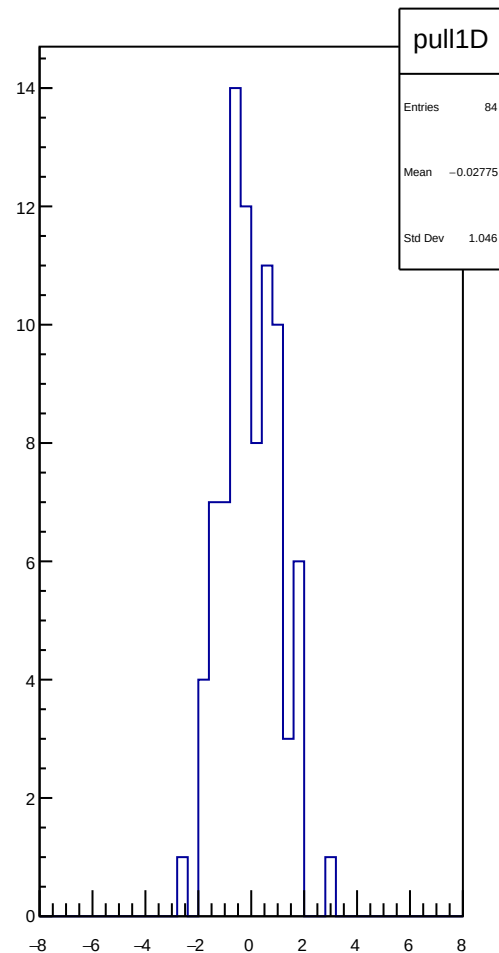
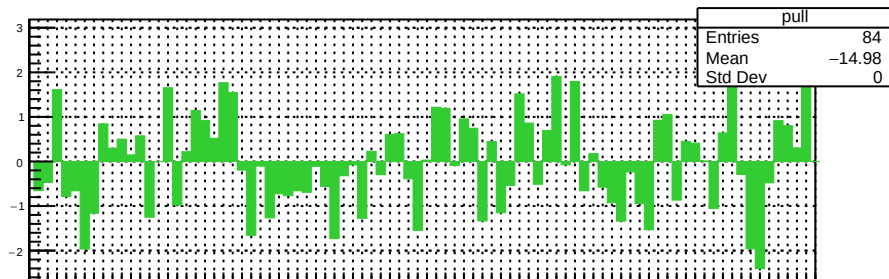
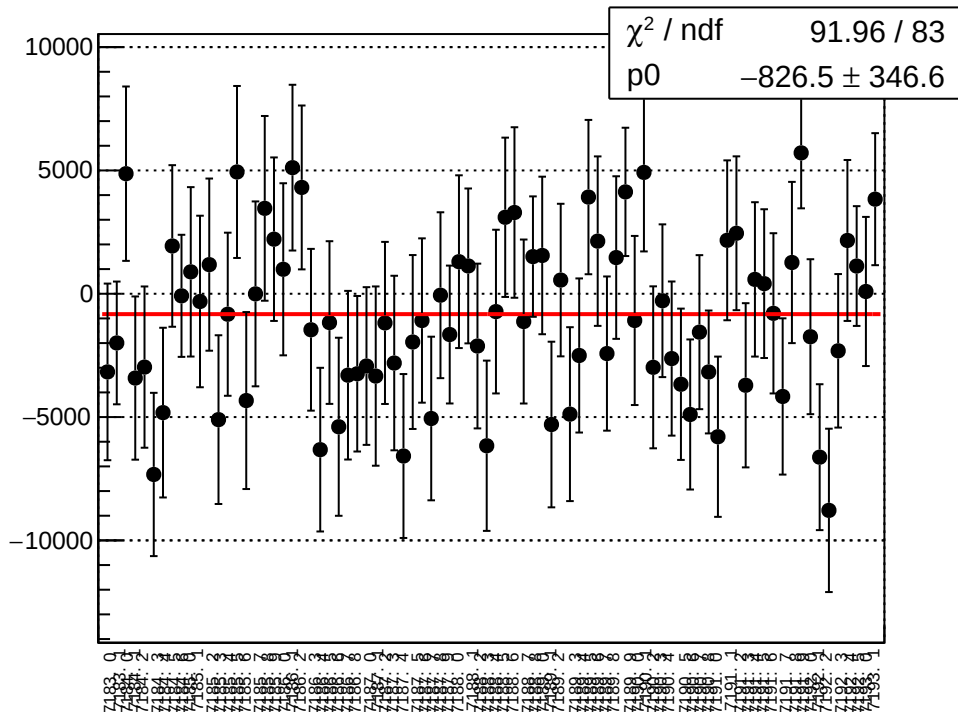
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p0

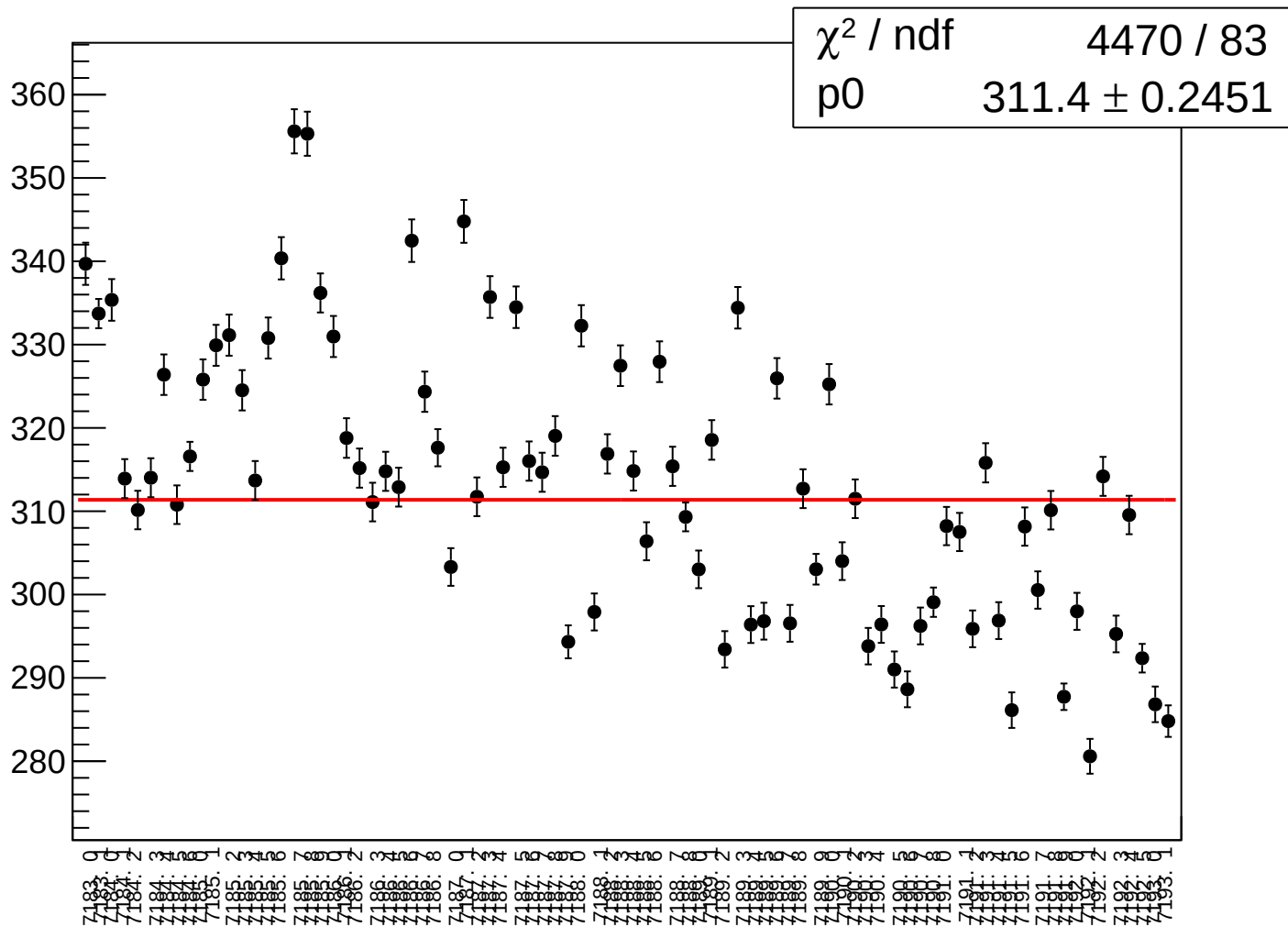
61.25 ± 0.0482



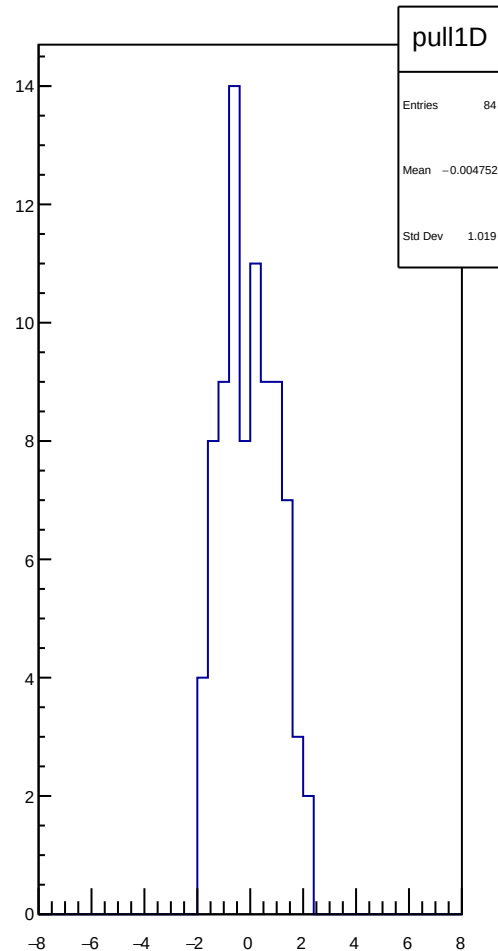
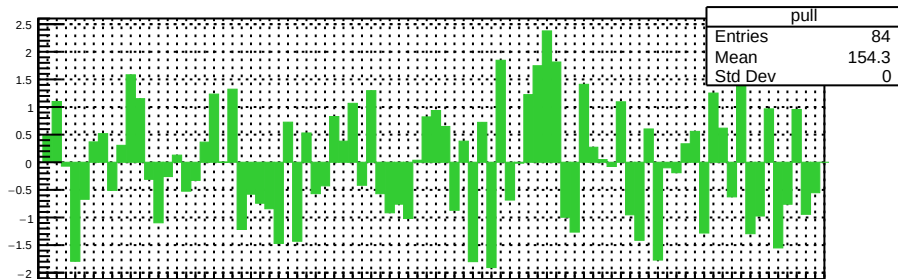
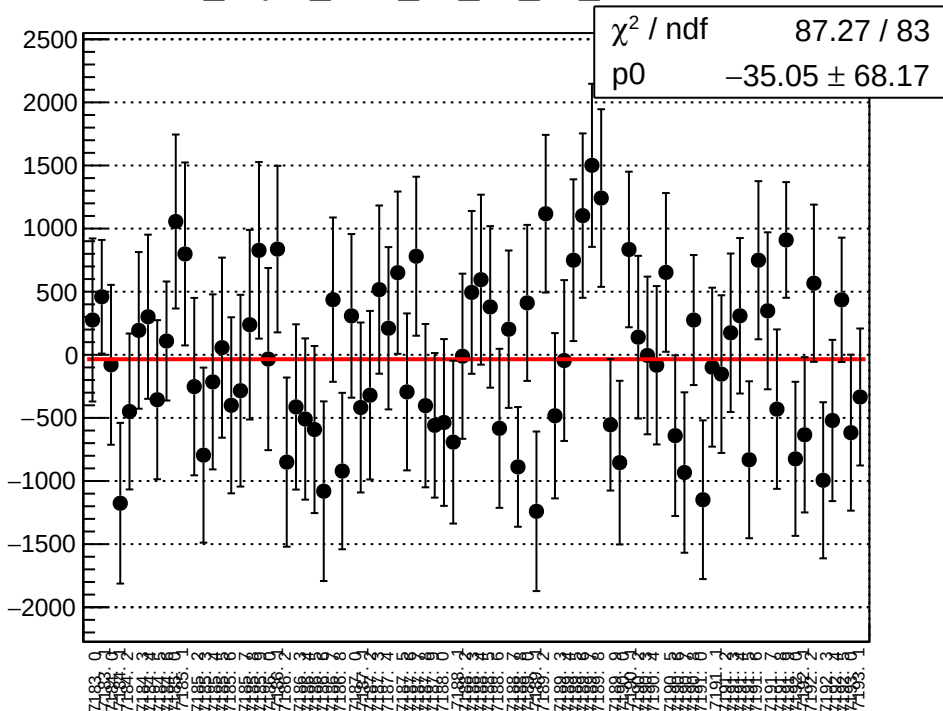
asym_sam_37_48_dd_reg_correction_mean vs run



asym_sam_37_48_dd_reg_correction_rms vs run



cor_asym_sam_37_48_dd_mean vs run



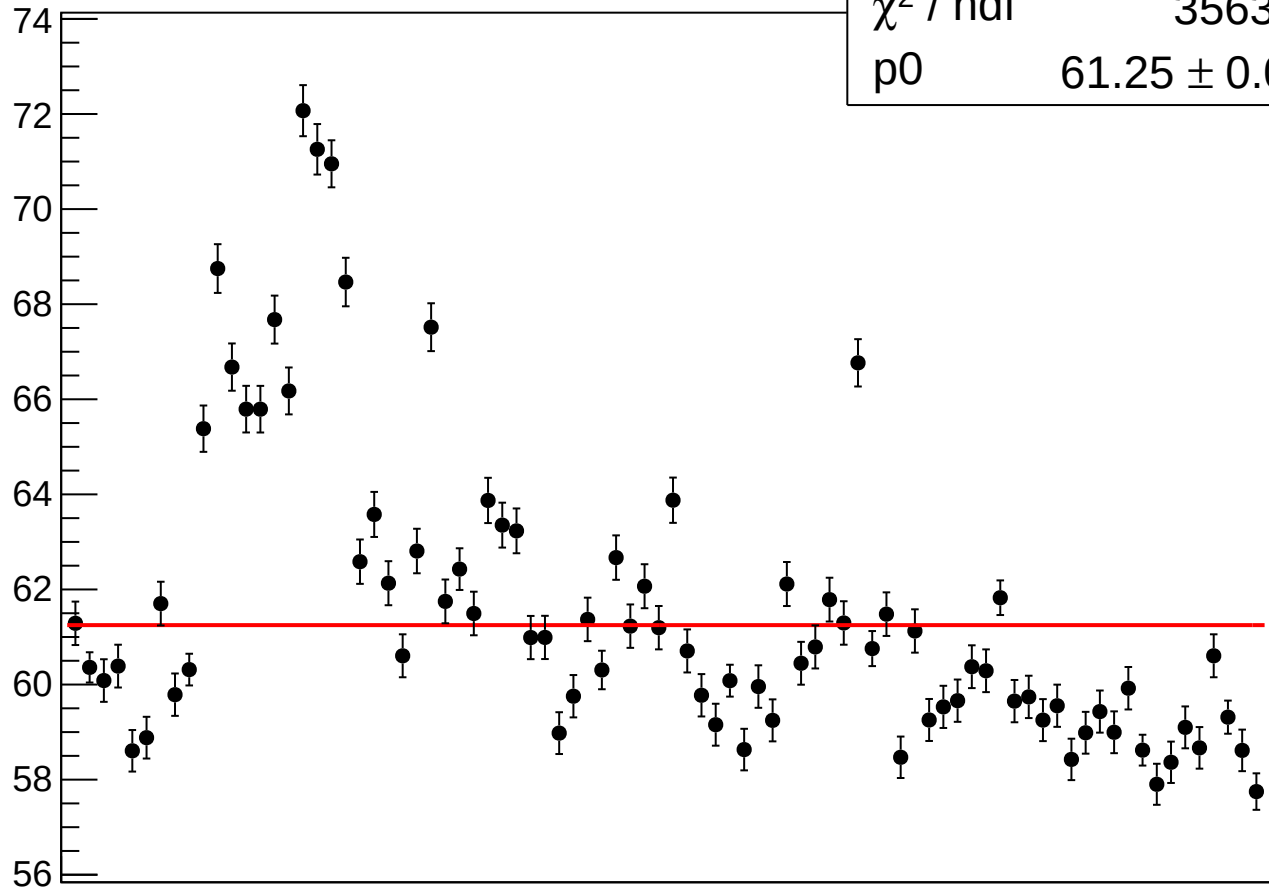
cor_asym_sam_37_48_dd_rms vs run

χ^2 / ndf

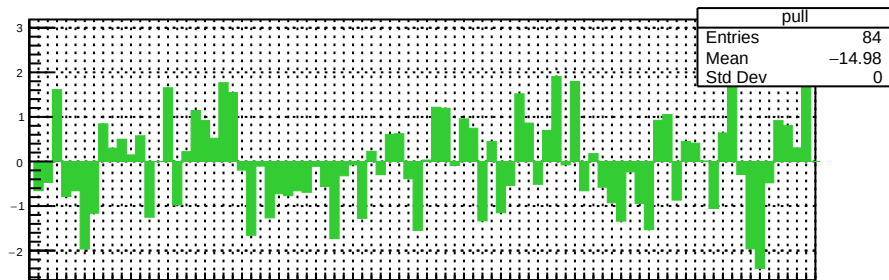
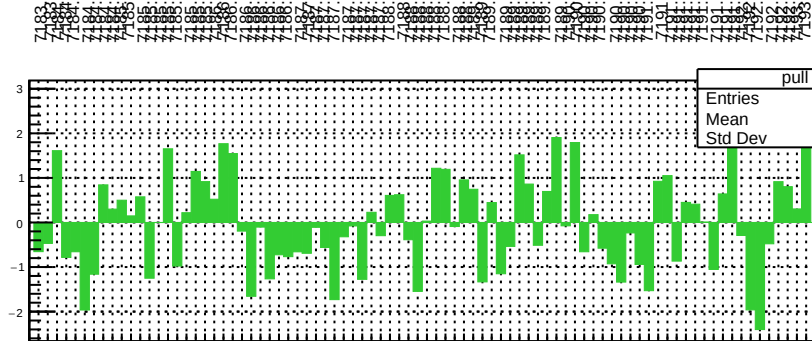
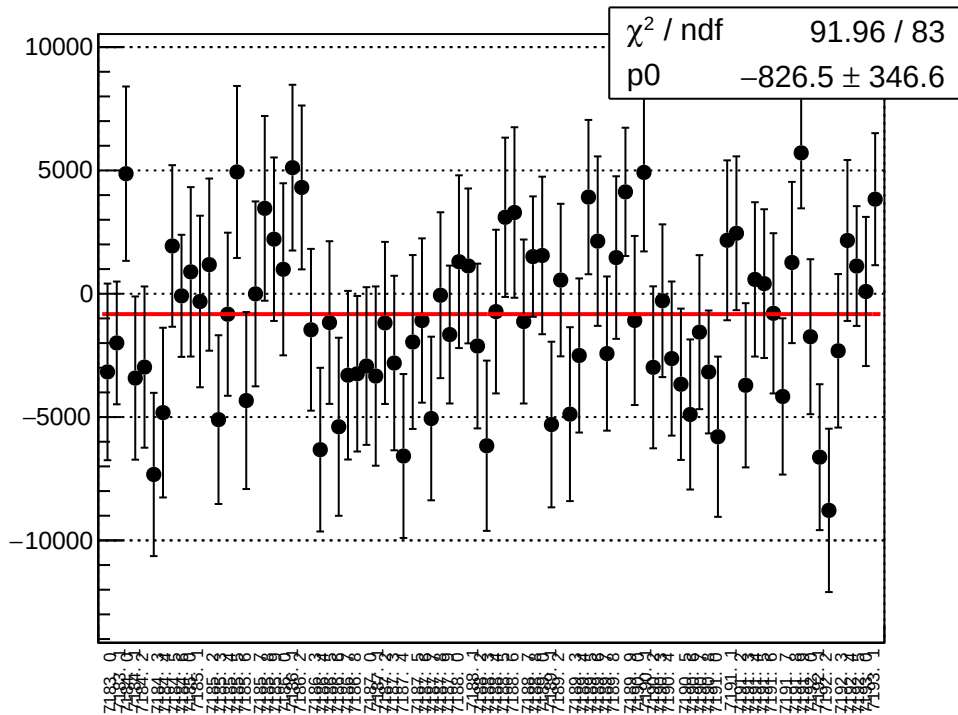
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p0

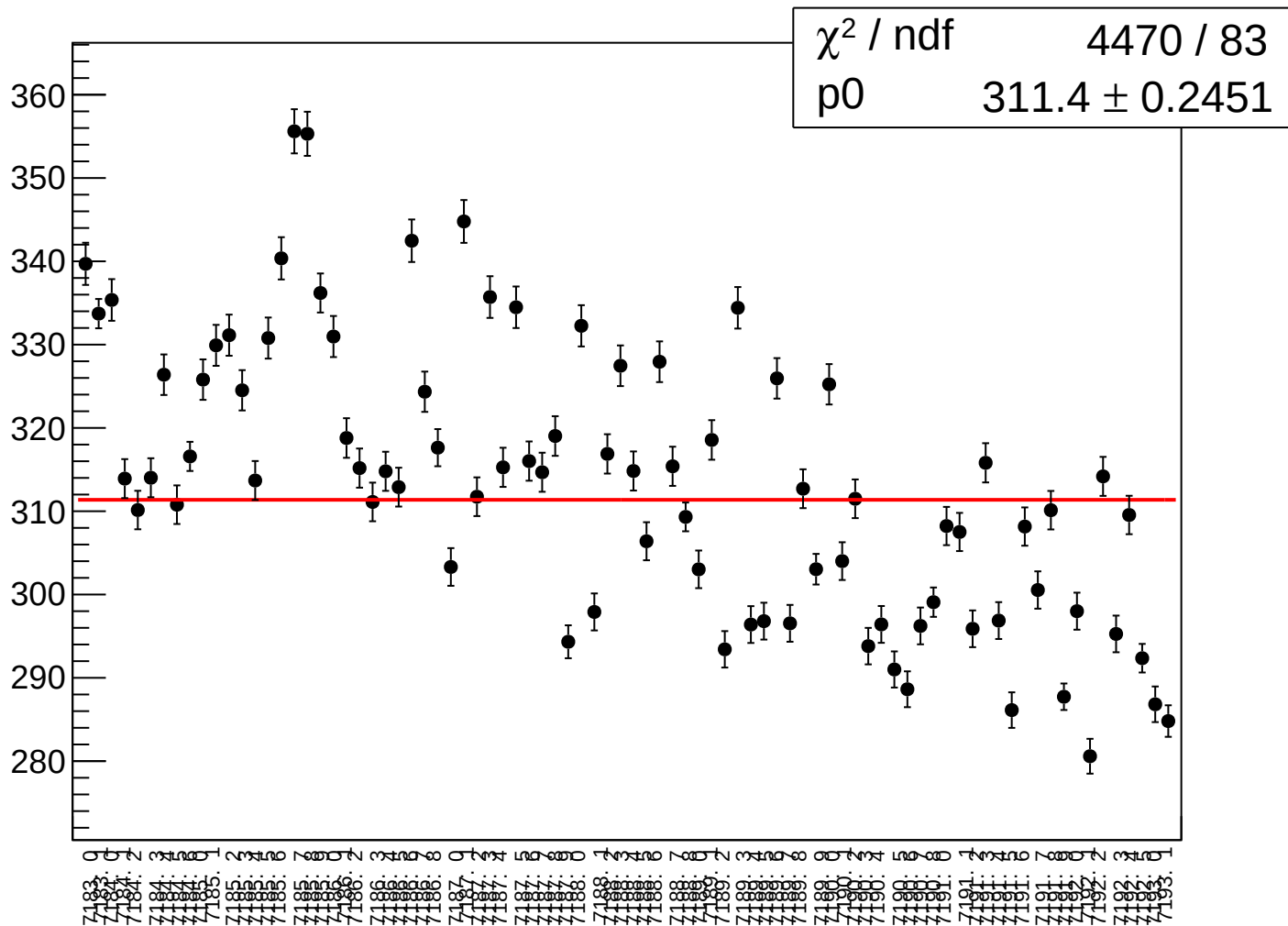
61.25 ± 0.0482



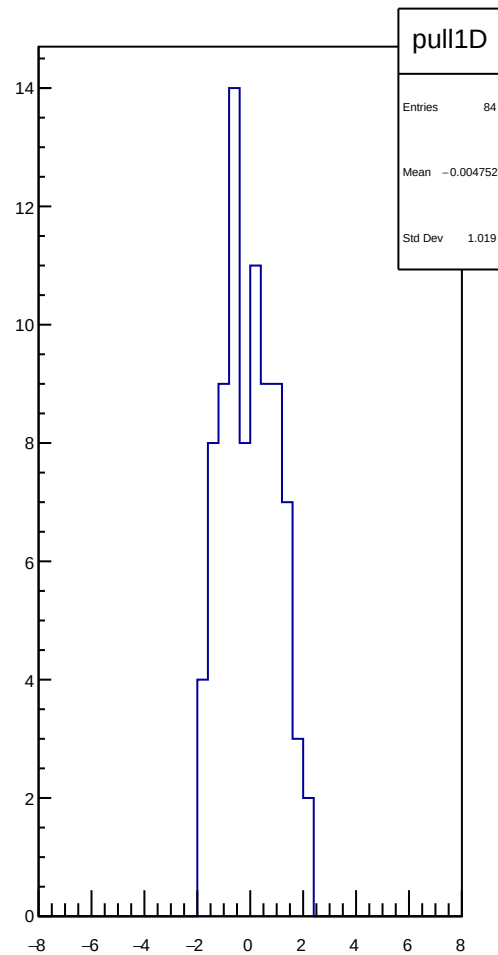
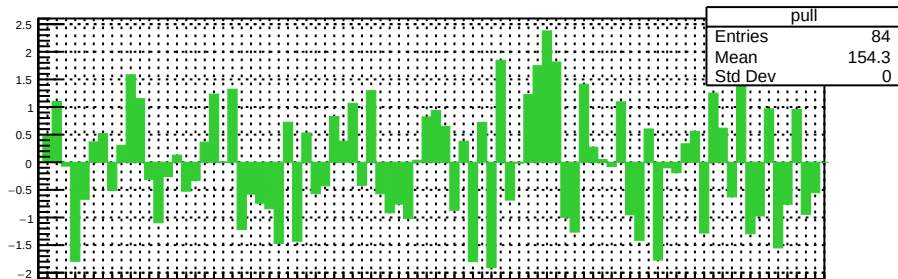
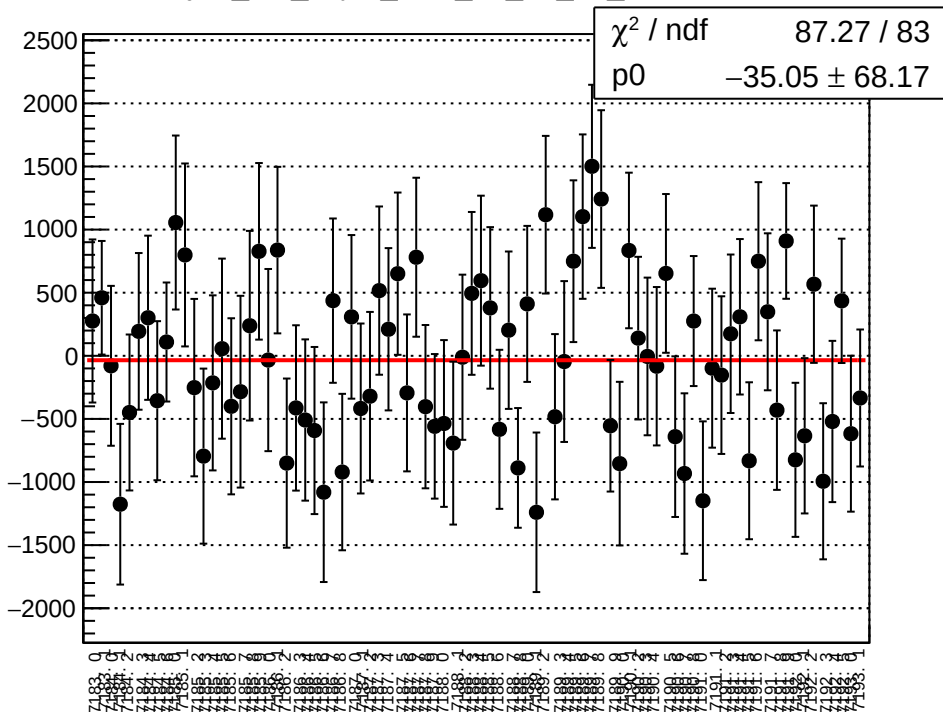
asym_sam_37_48_dd_cor_correction_mean vs run



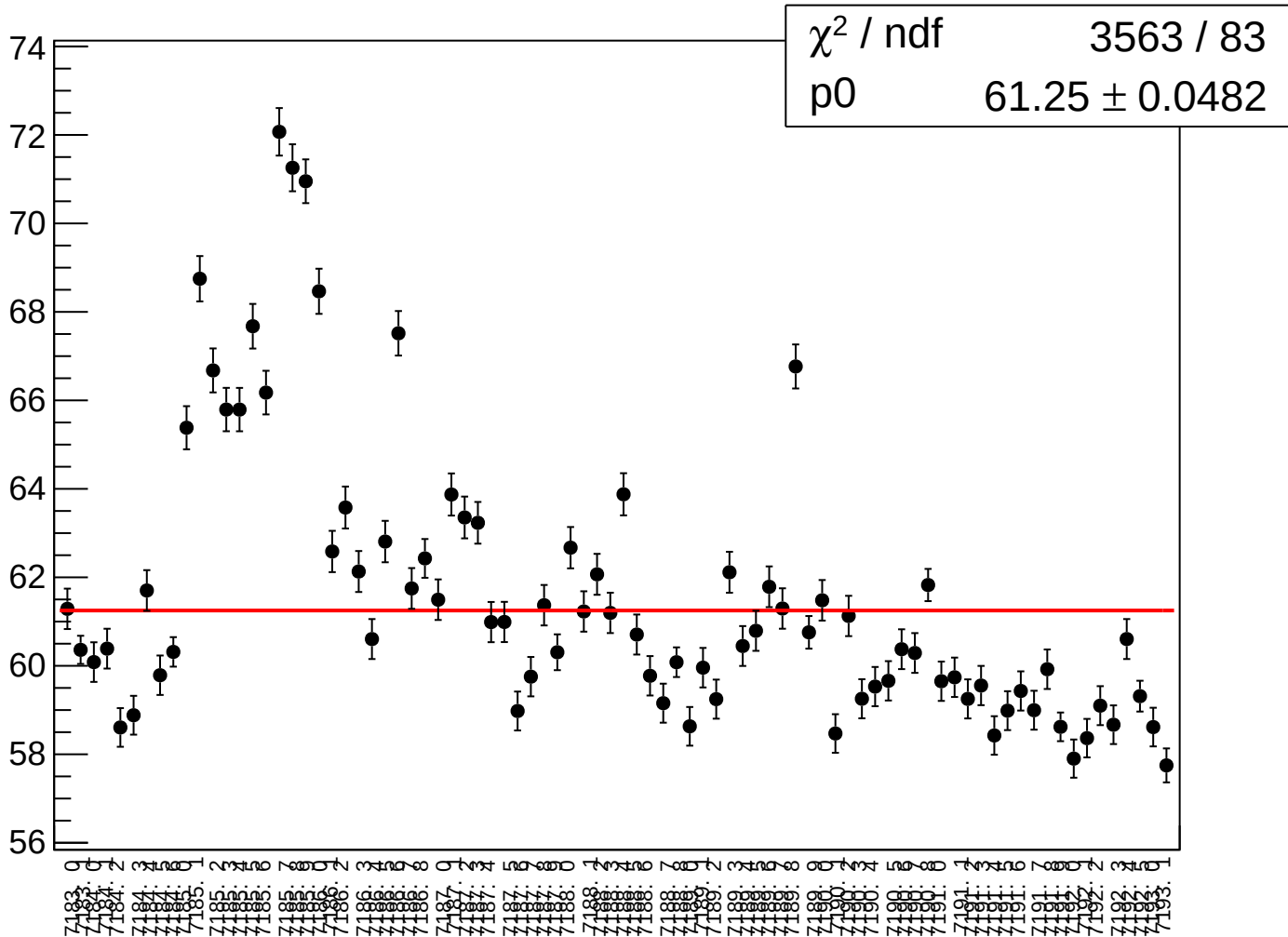
asym_sam_37_48_dd_cor_correction_rms vs run



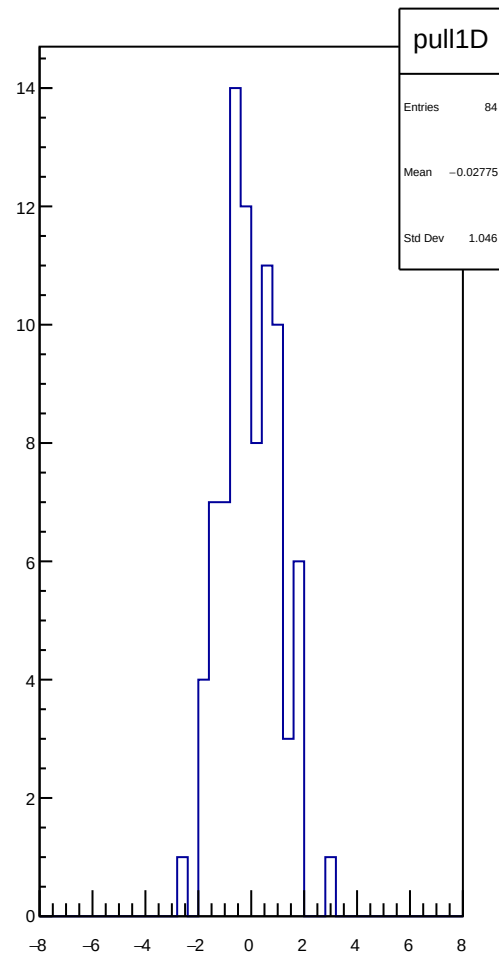
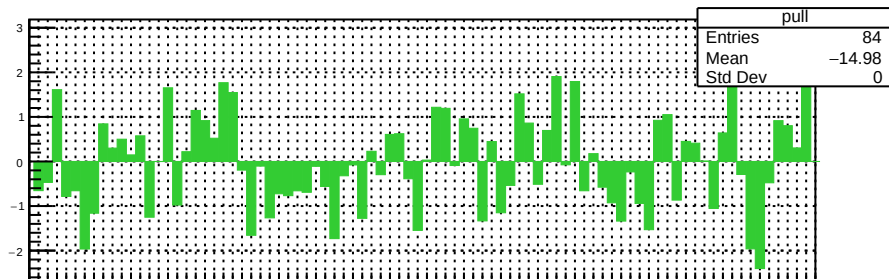
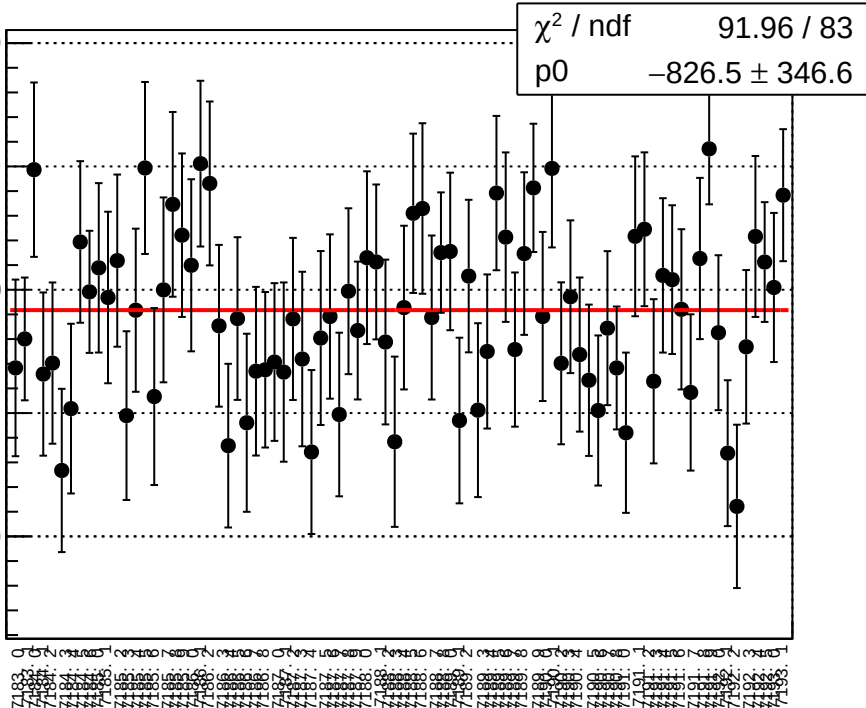
eigen_cor_asym_sam_37_48_dd_mean vs run



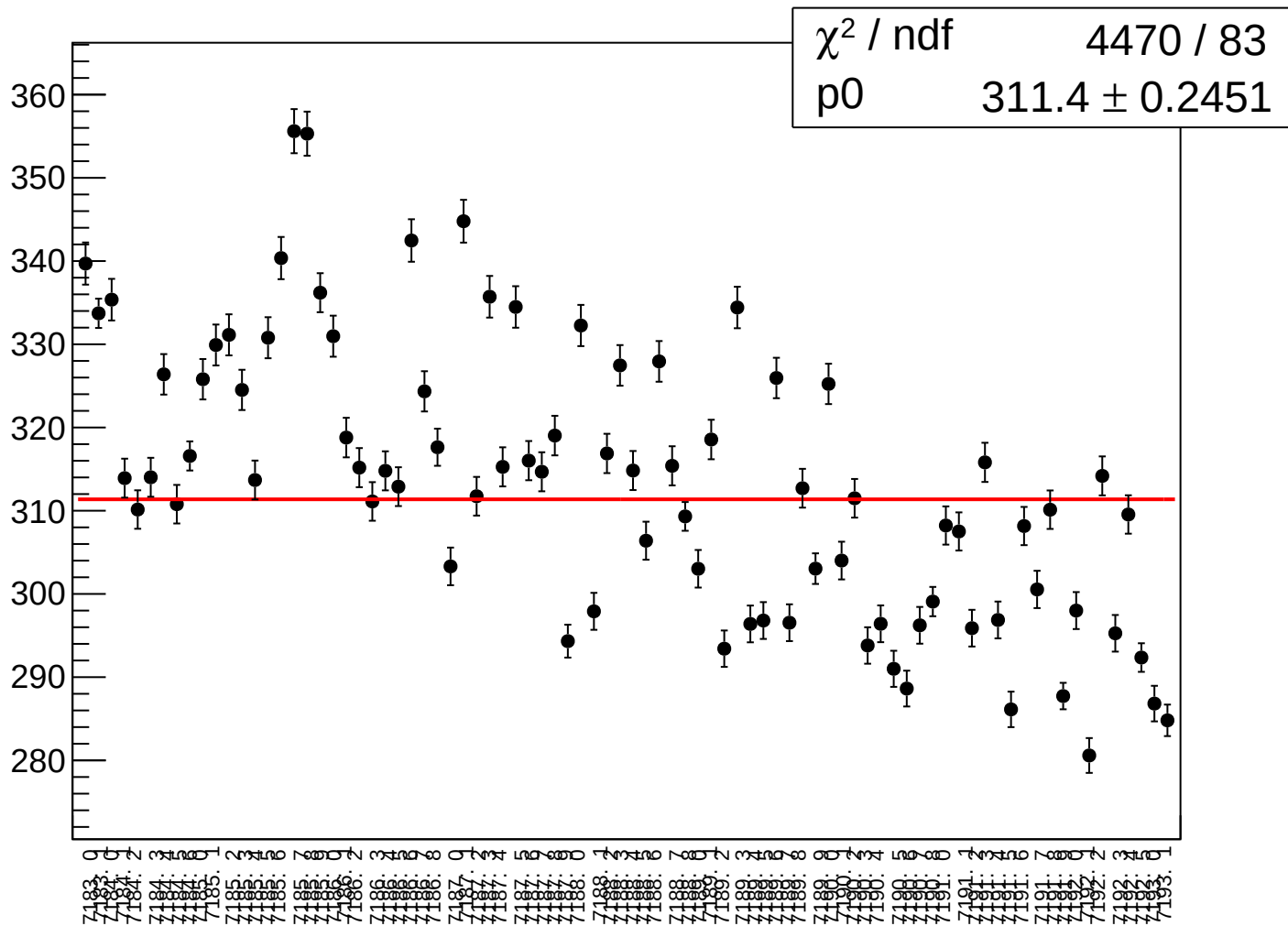
eigen_cor_asym_sam_37_48_dd_rms vs run



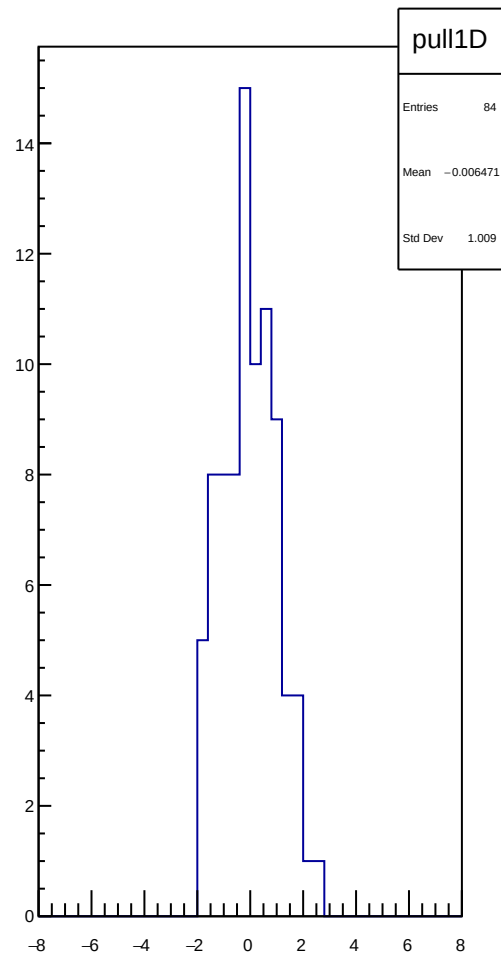
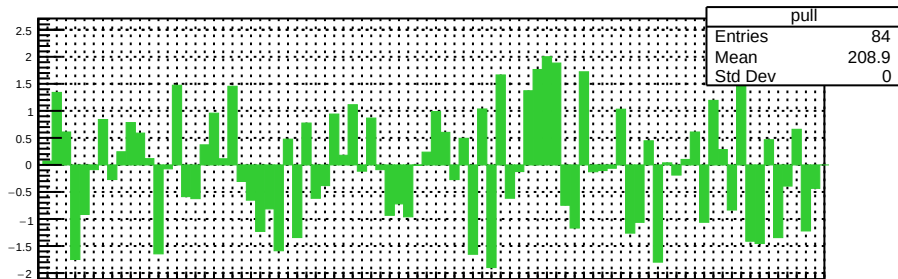
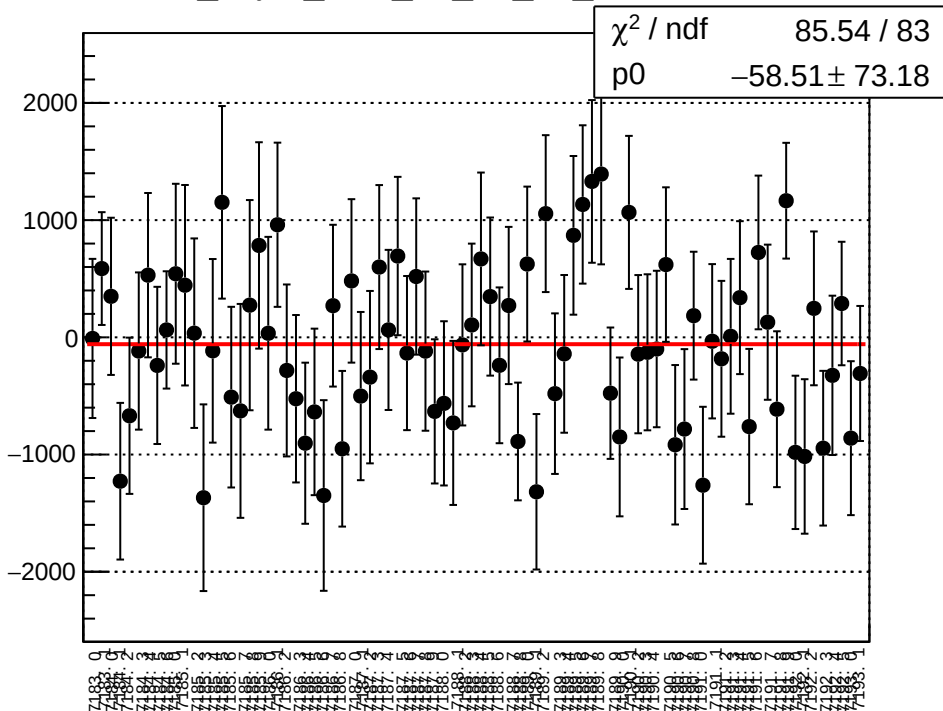
asym sam 37 48 dd eigen cor correction mean vs run



asym_sam_37_48_dd_eigen_cor_correction_rms vs run



dit_asym_sam_37_48_dd_mean vs run



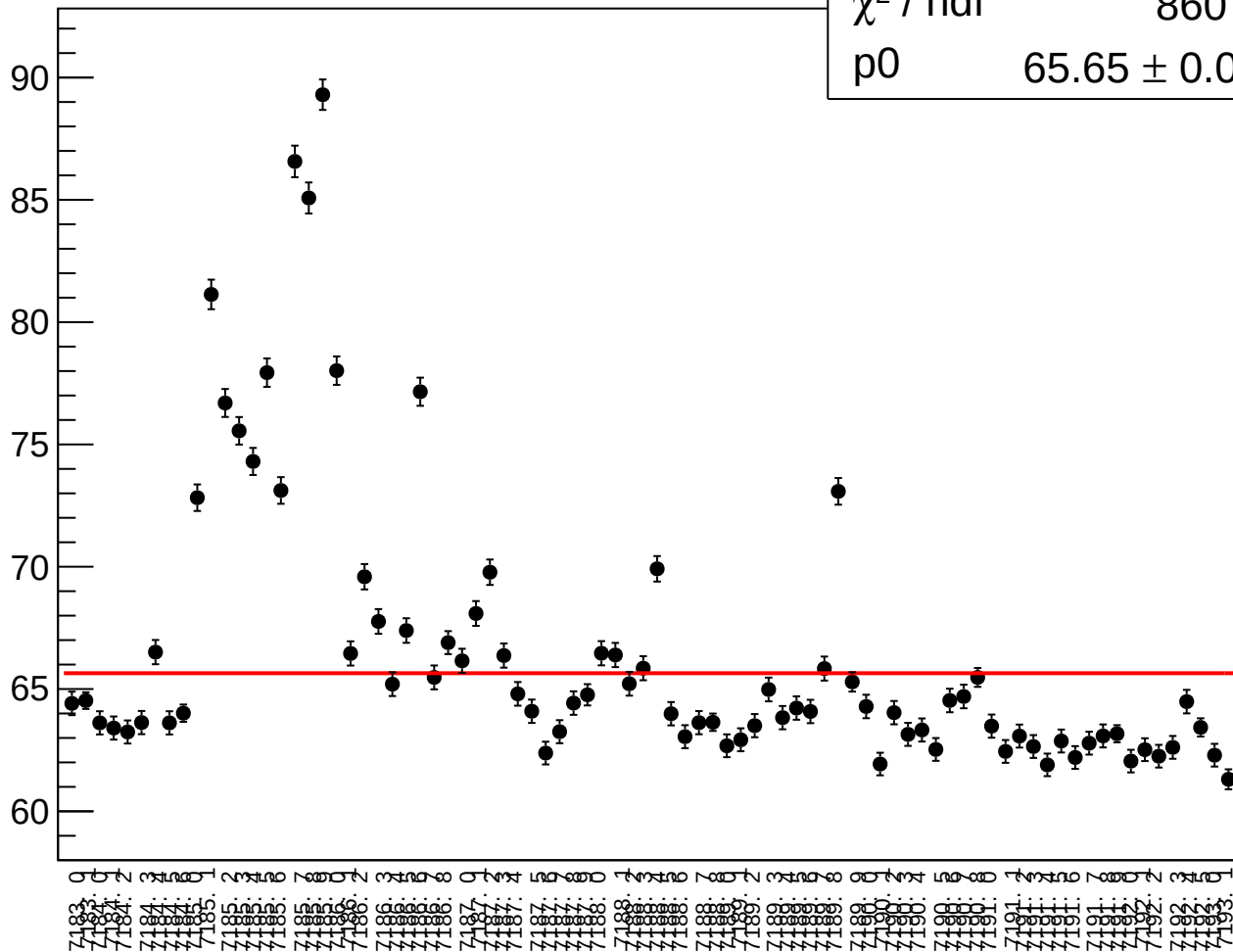
dit_asym_sam_37_48_dd_rms vs run

χ^2 / ndf

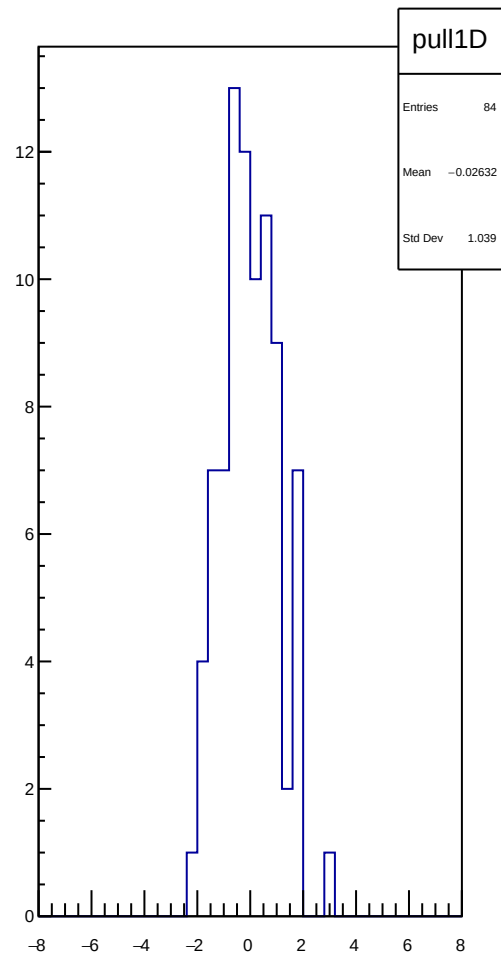
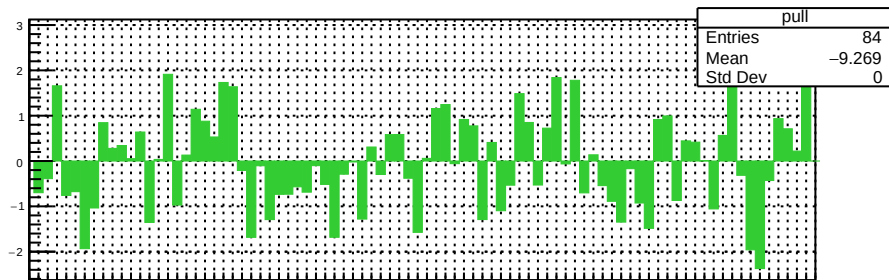
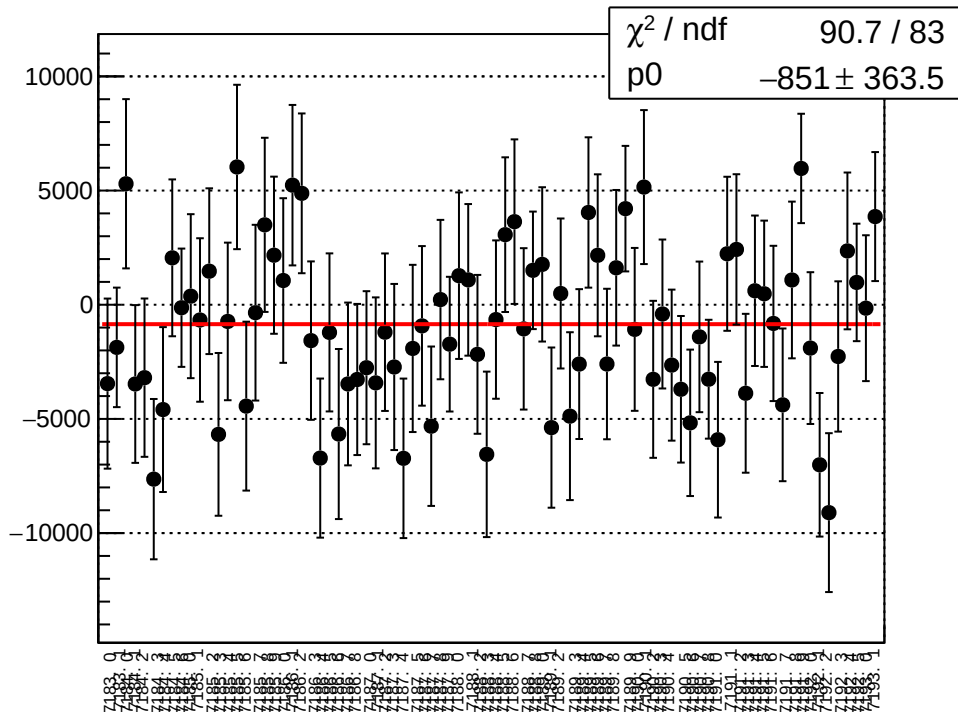
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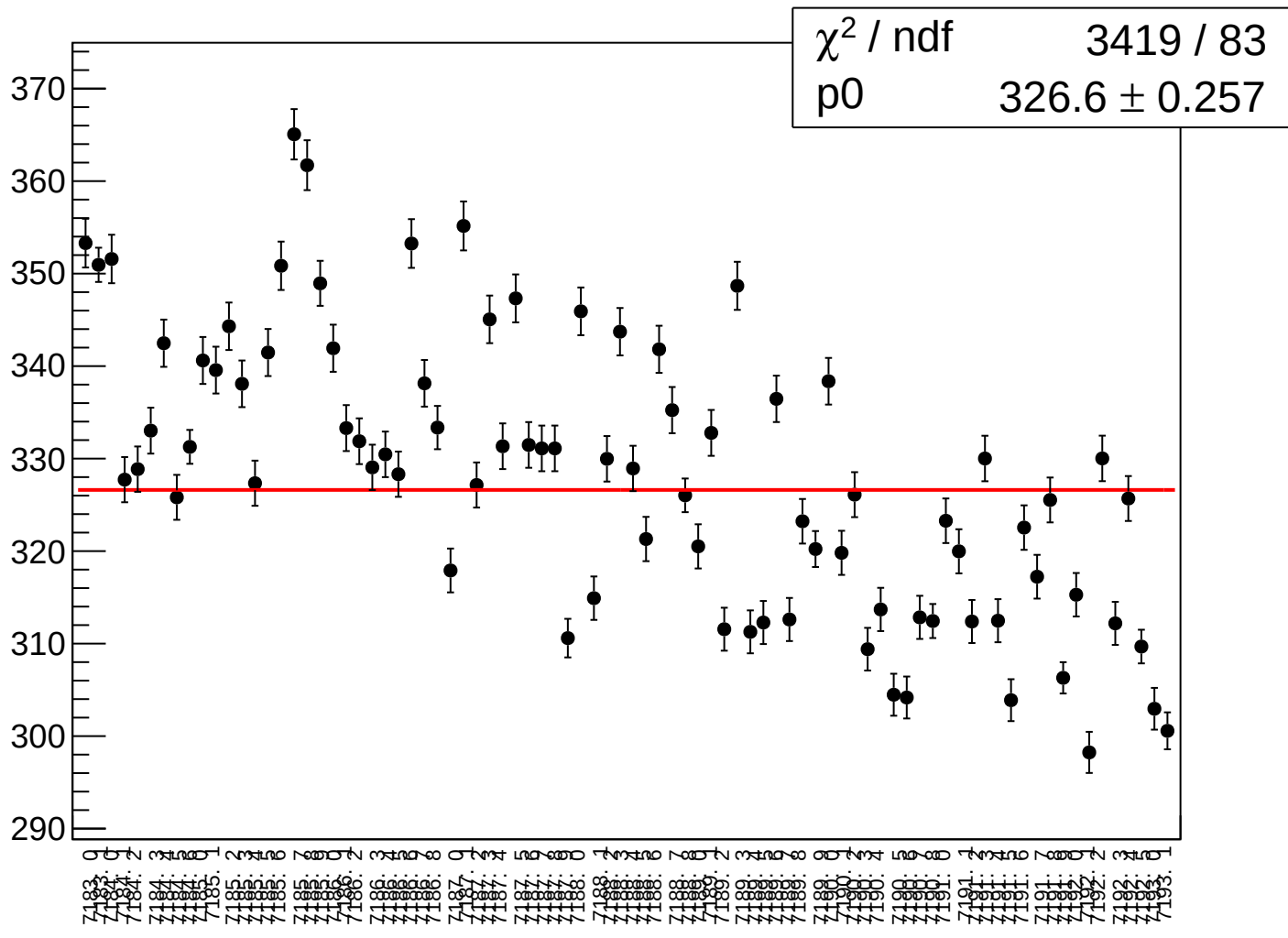
65.65 ± 0.05174



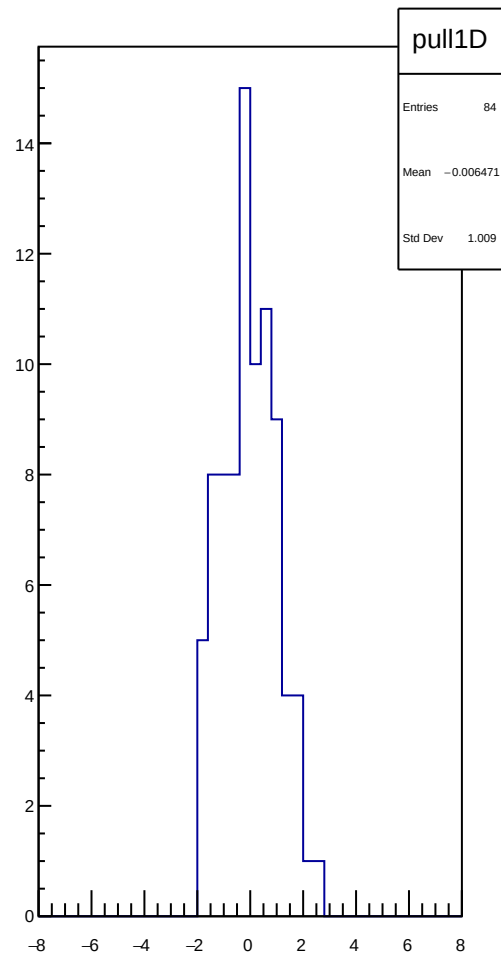
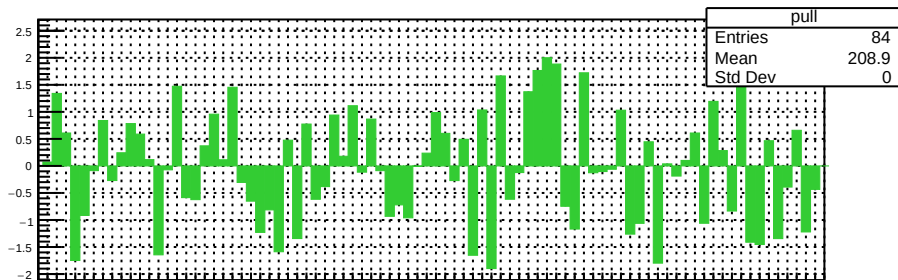
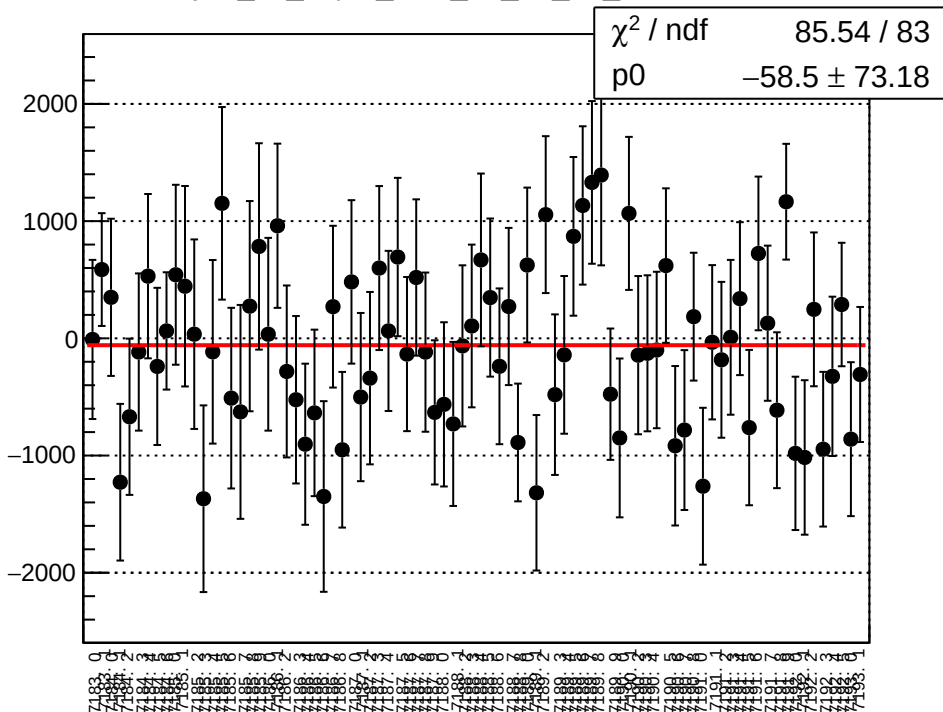
asym_sam_37_48_dd_dit_correction_mean vs run



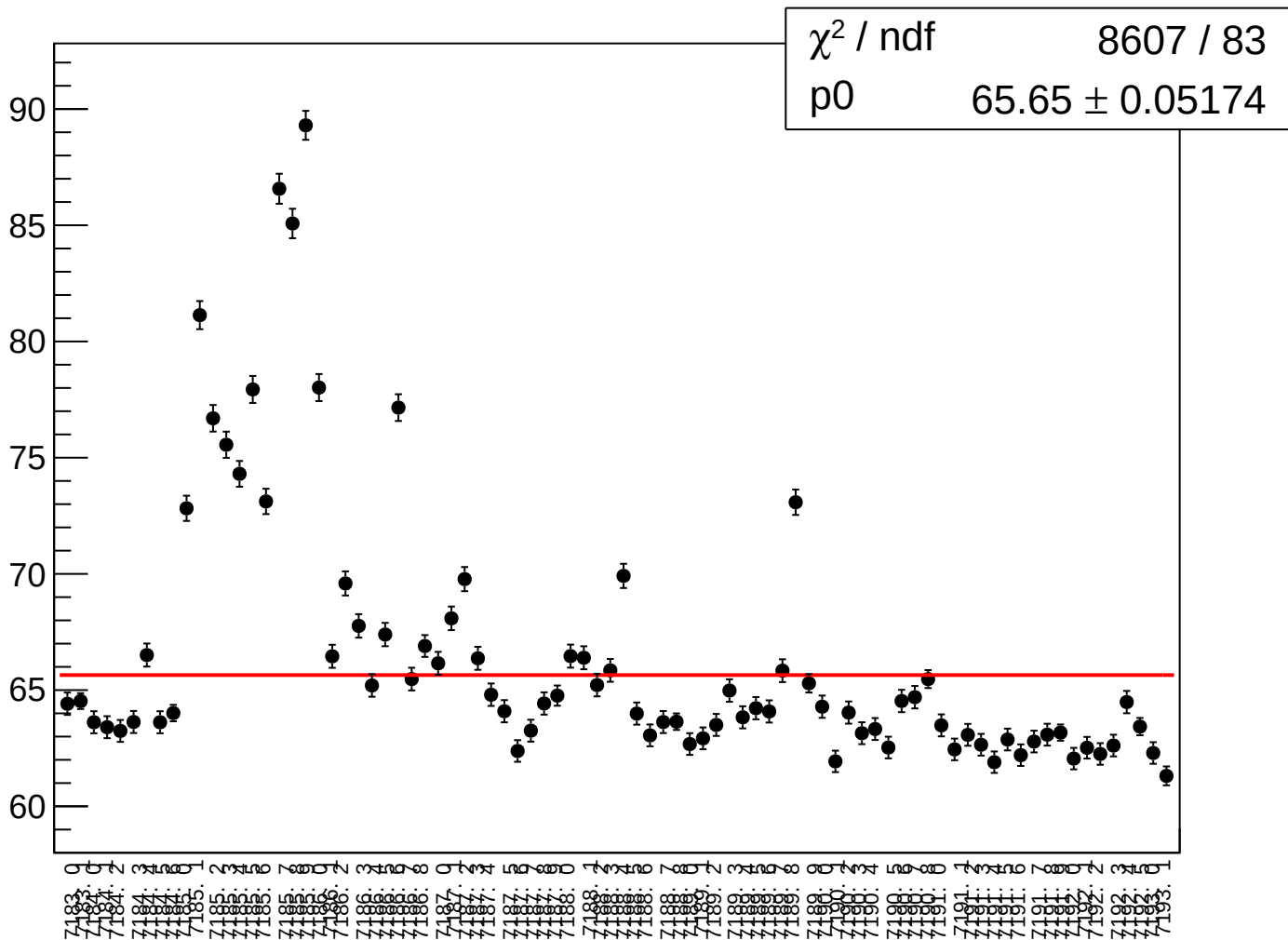
asym_sam_37_48_dd_dit_correction_rms vs run



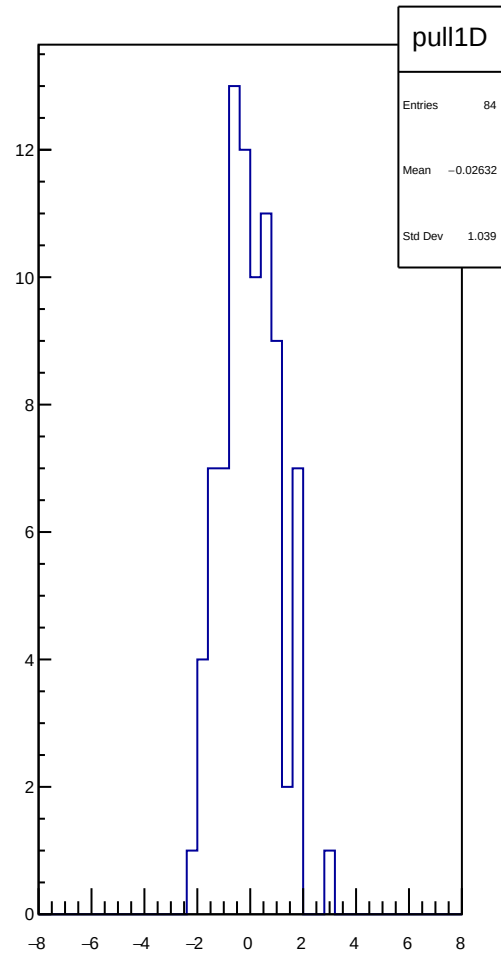
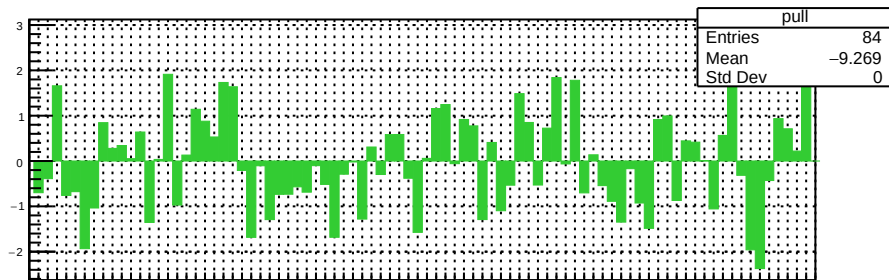
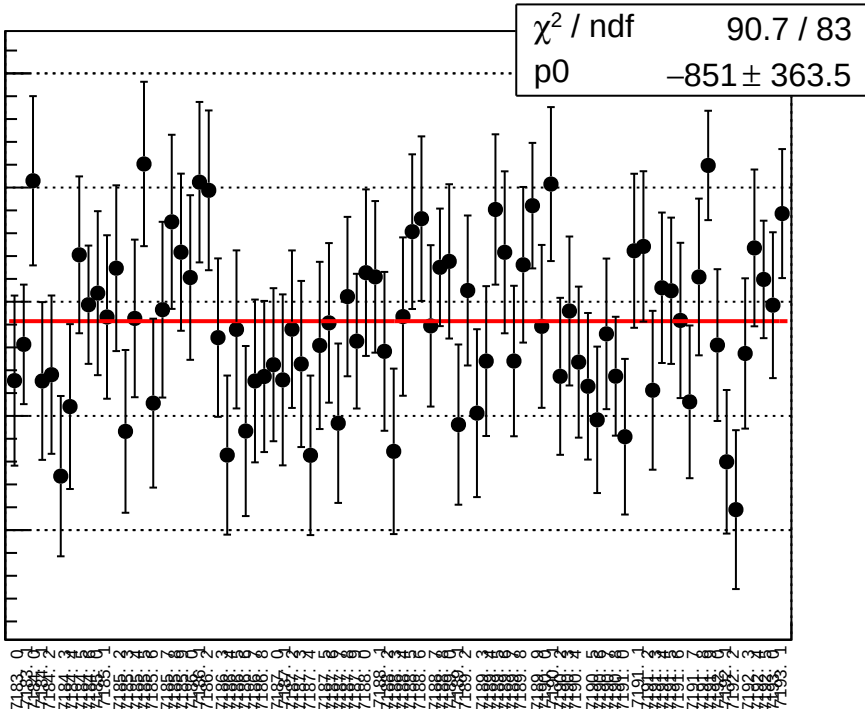
eigen_dit_asym_sam_37_48_dd_mean vs run



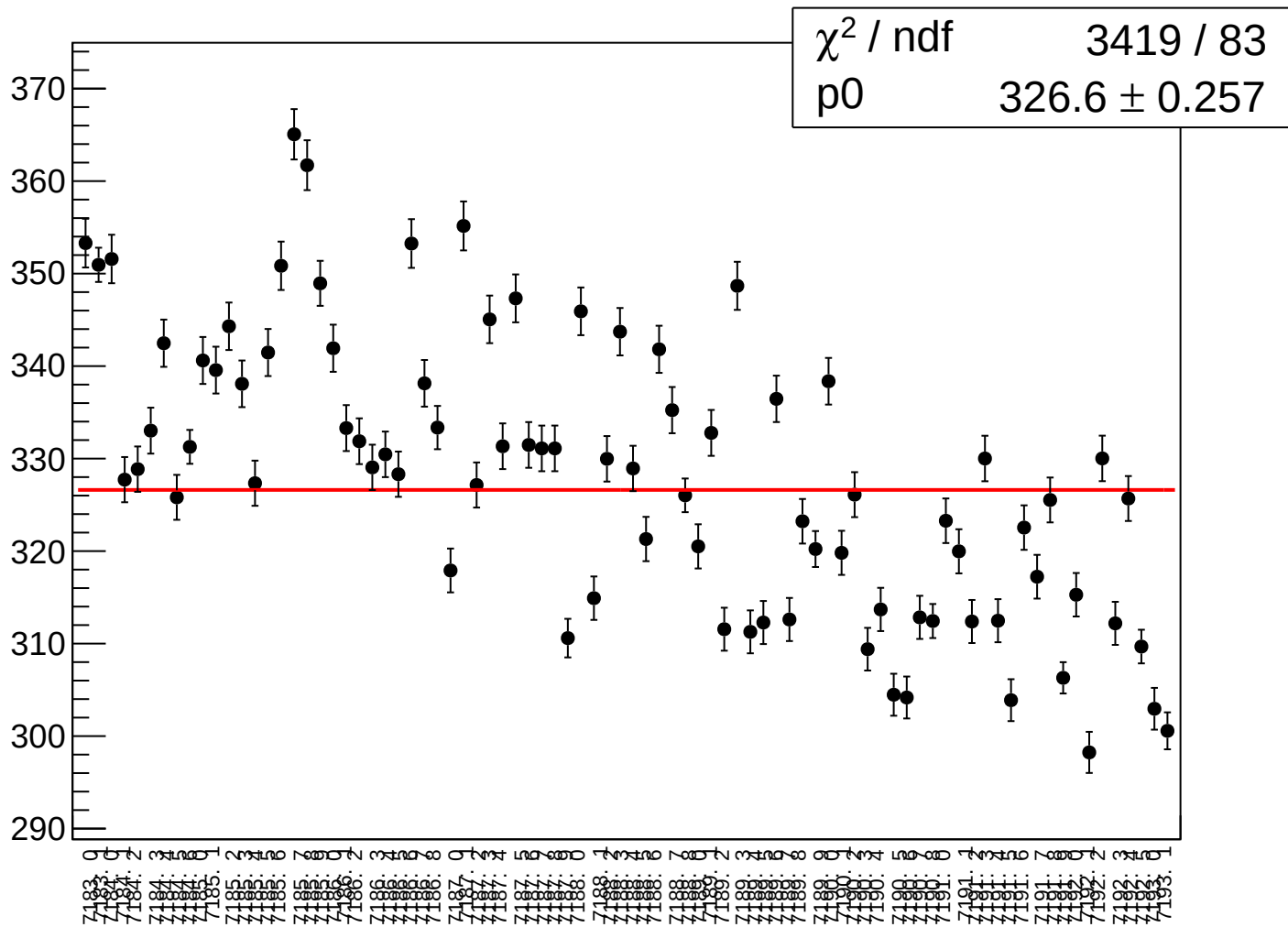
eigen_dit_asym_sam_37_48_dd_rms vs run



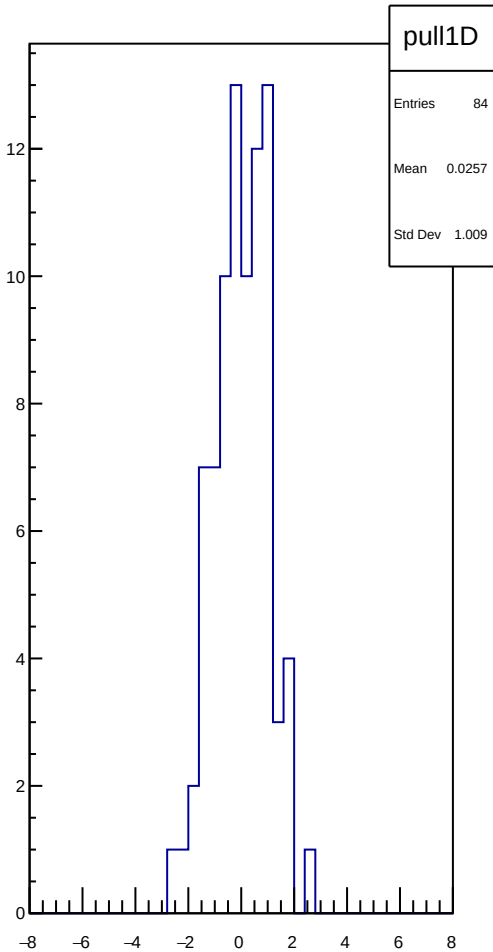
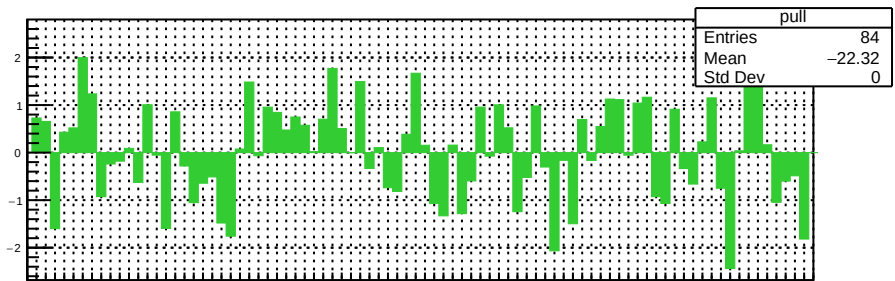
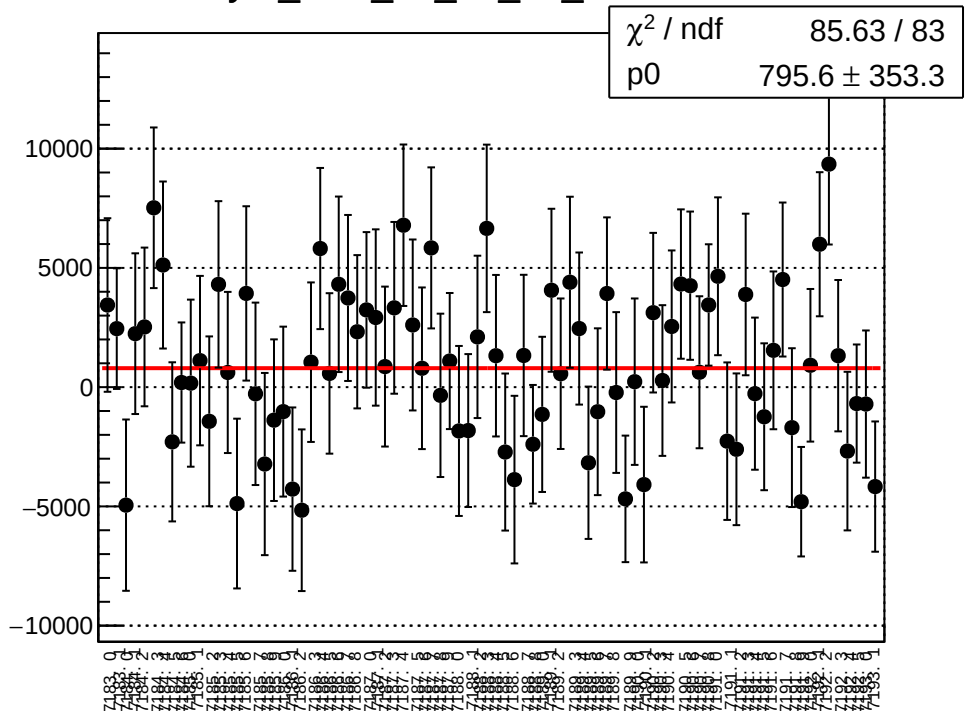
asym sam 37 48 dd eigen dit correction mean vs run



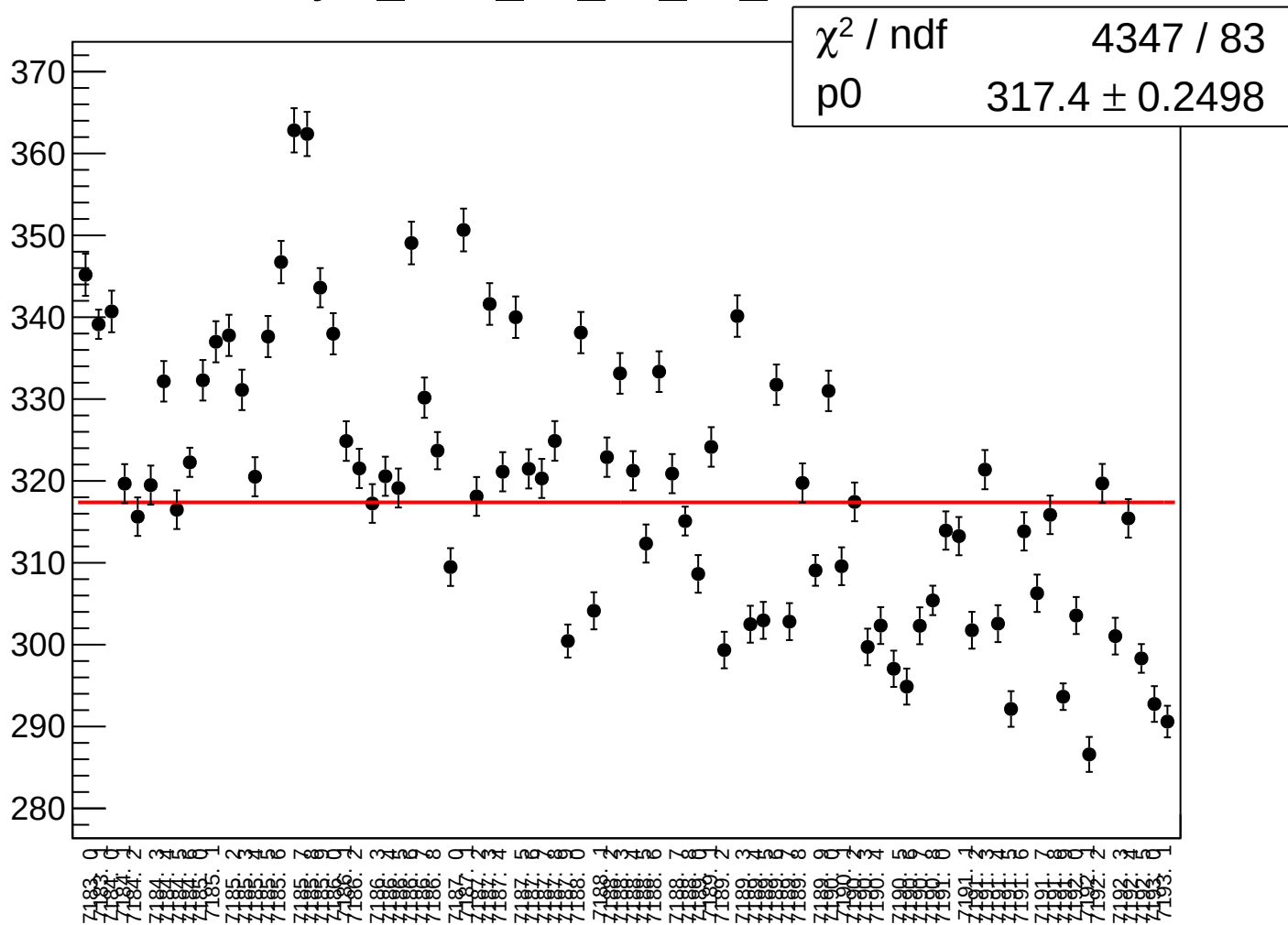
asym_sam_37_48_dd_eigen_dit_correction_rms vs run



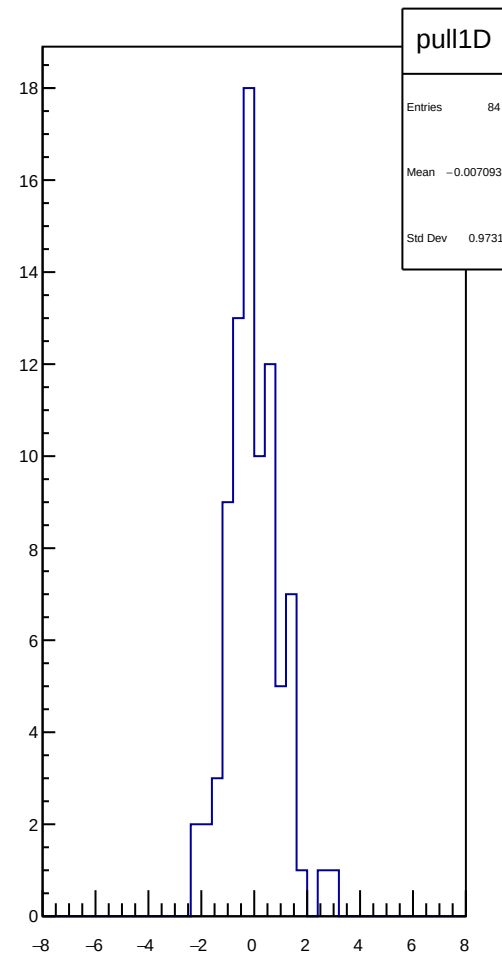
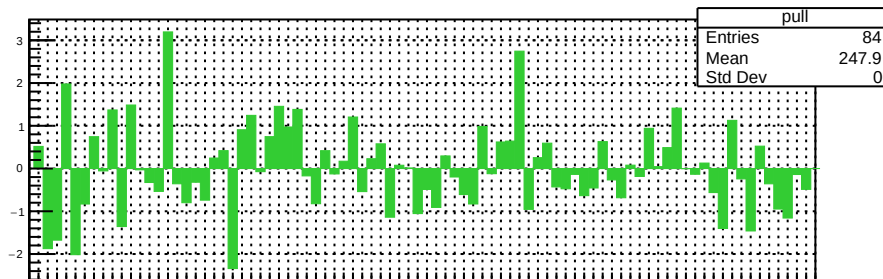
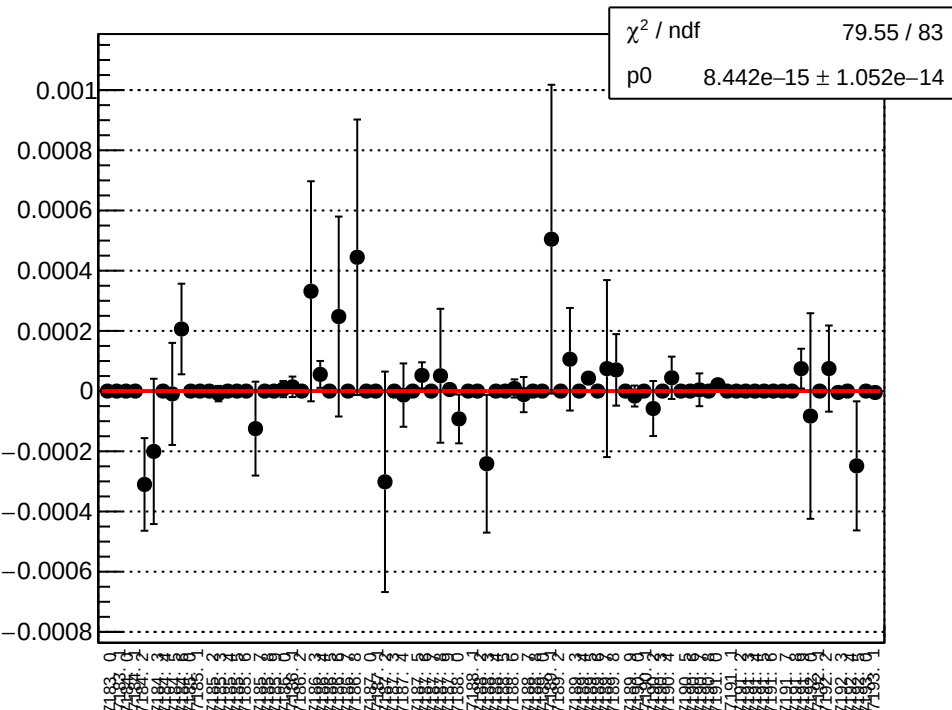
asym_sam_37_48_dd_mean vs run



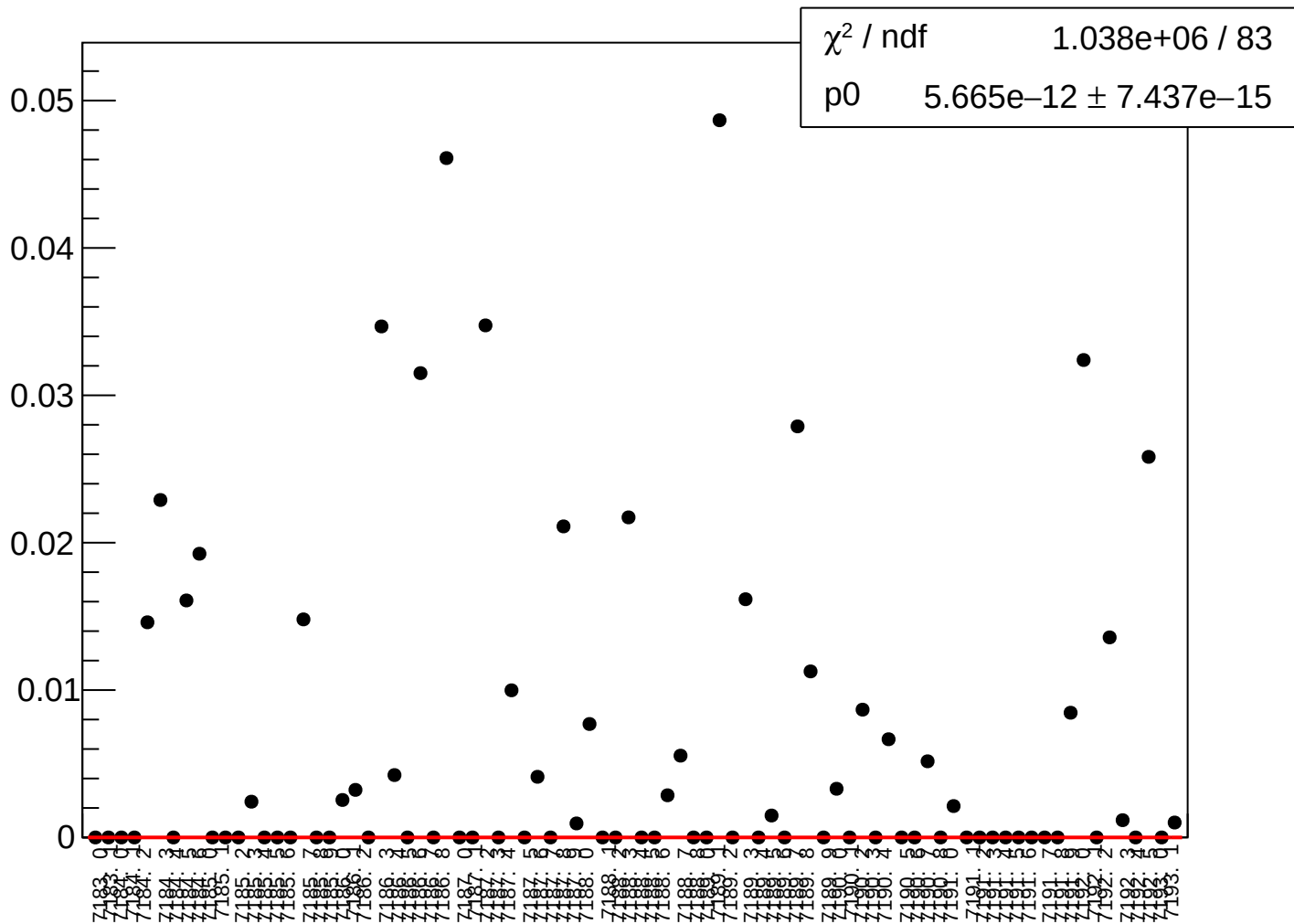
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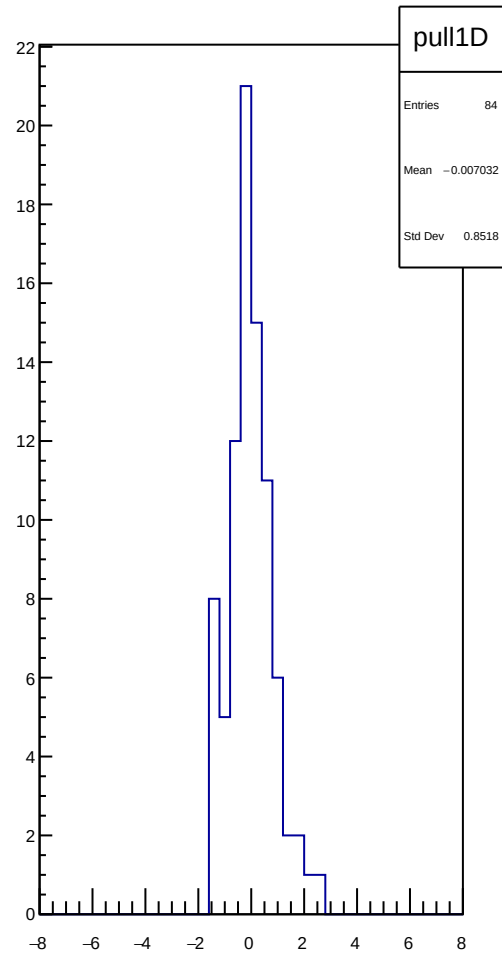
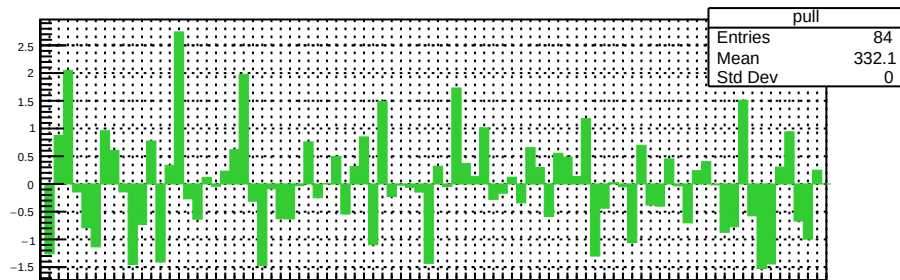
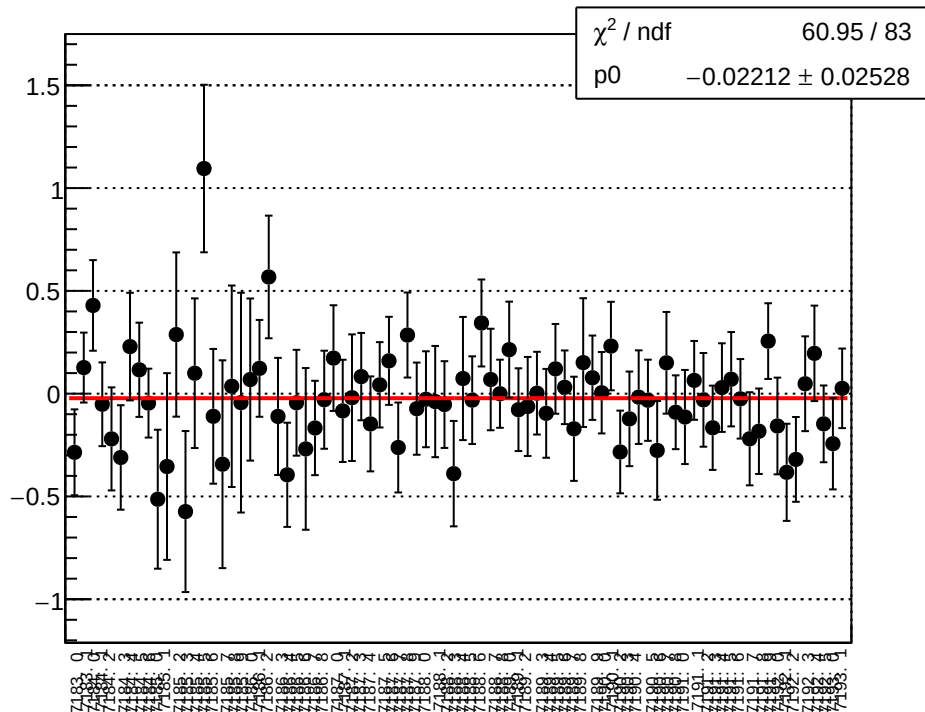
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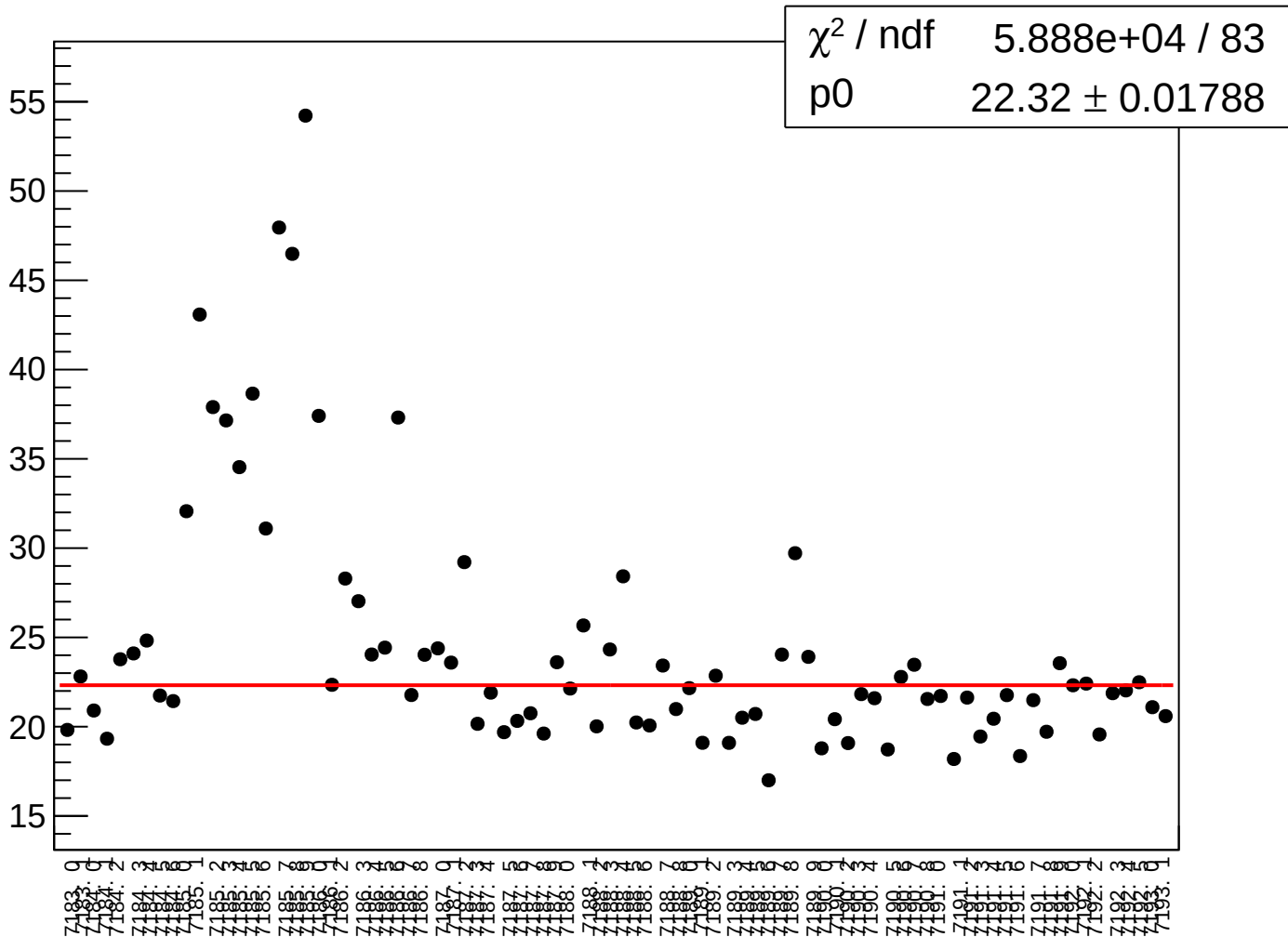
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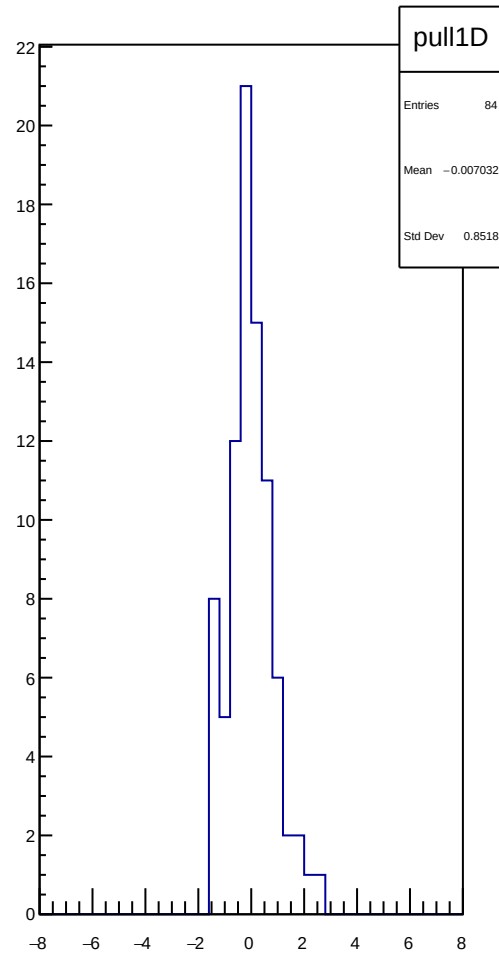
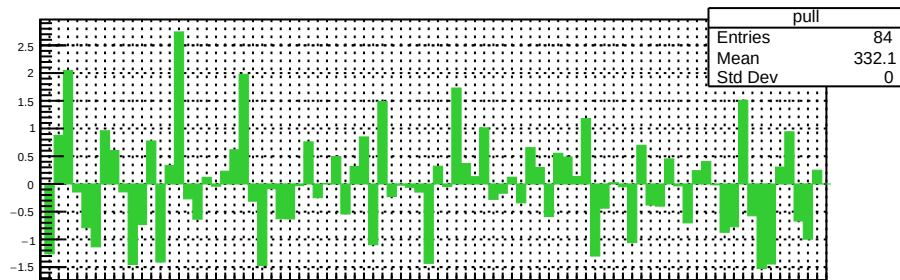
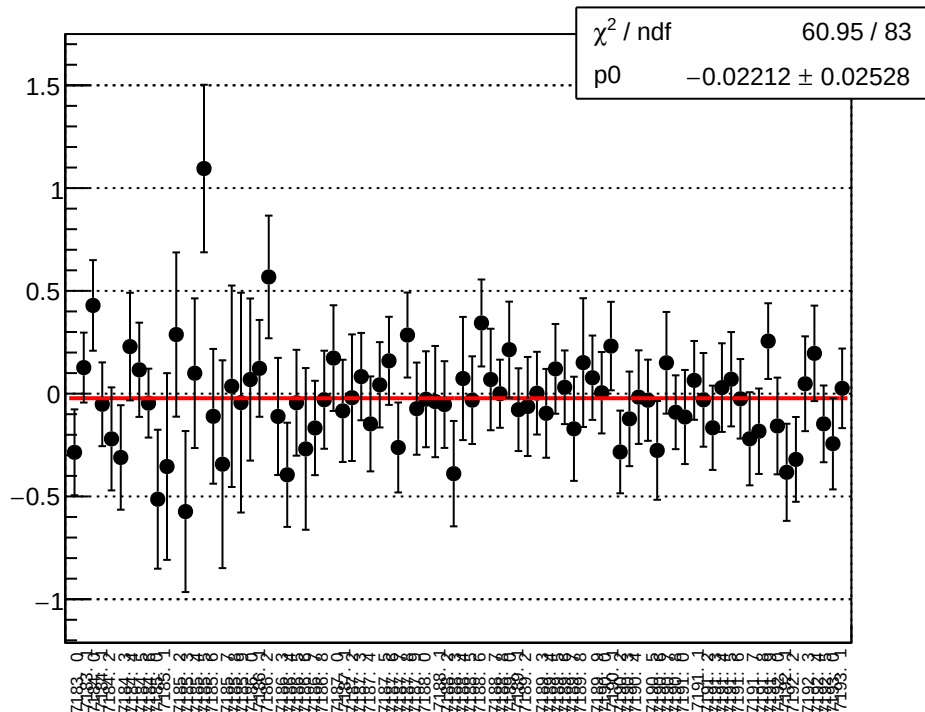
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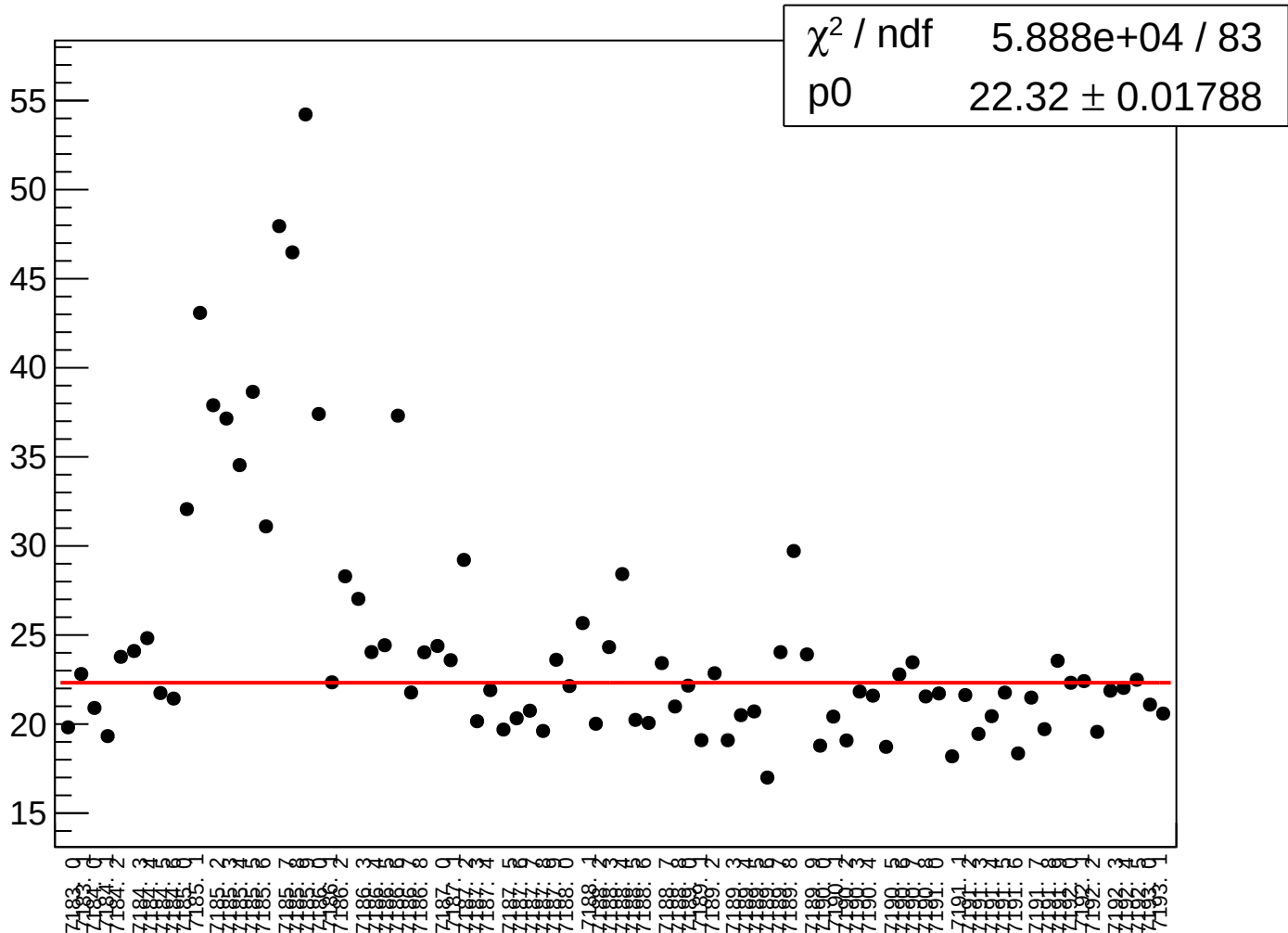
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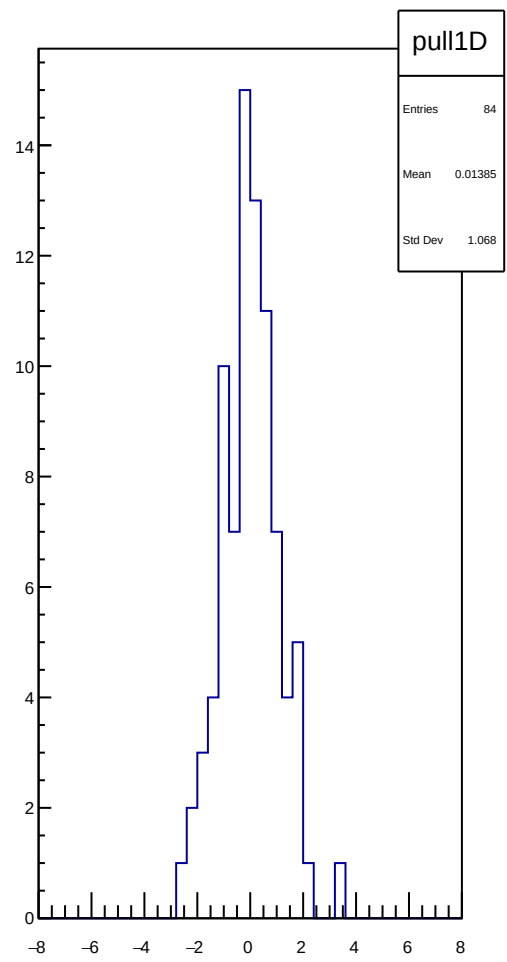
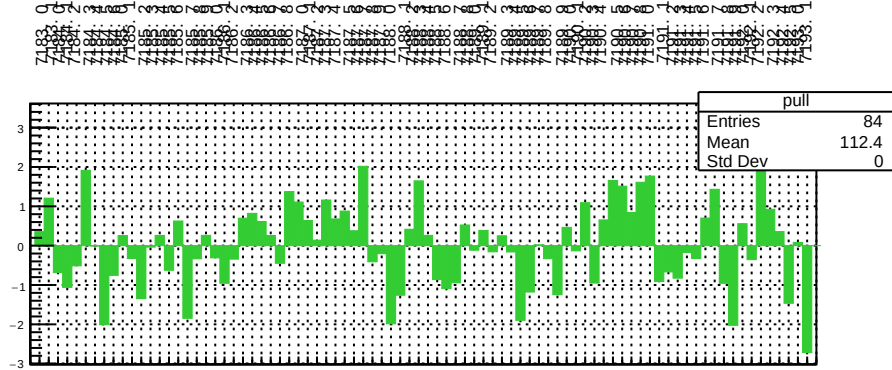
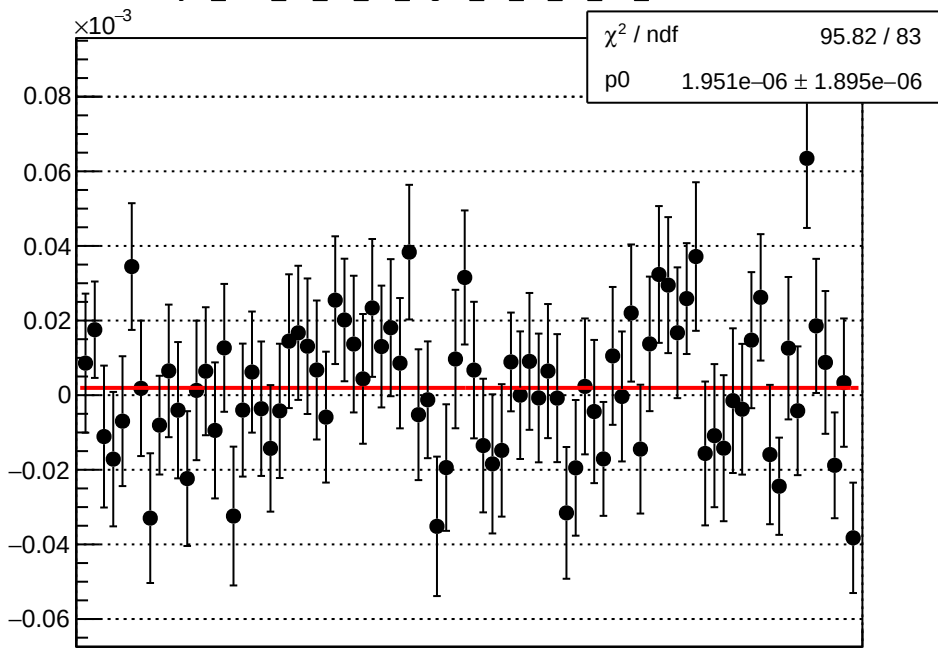
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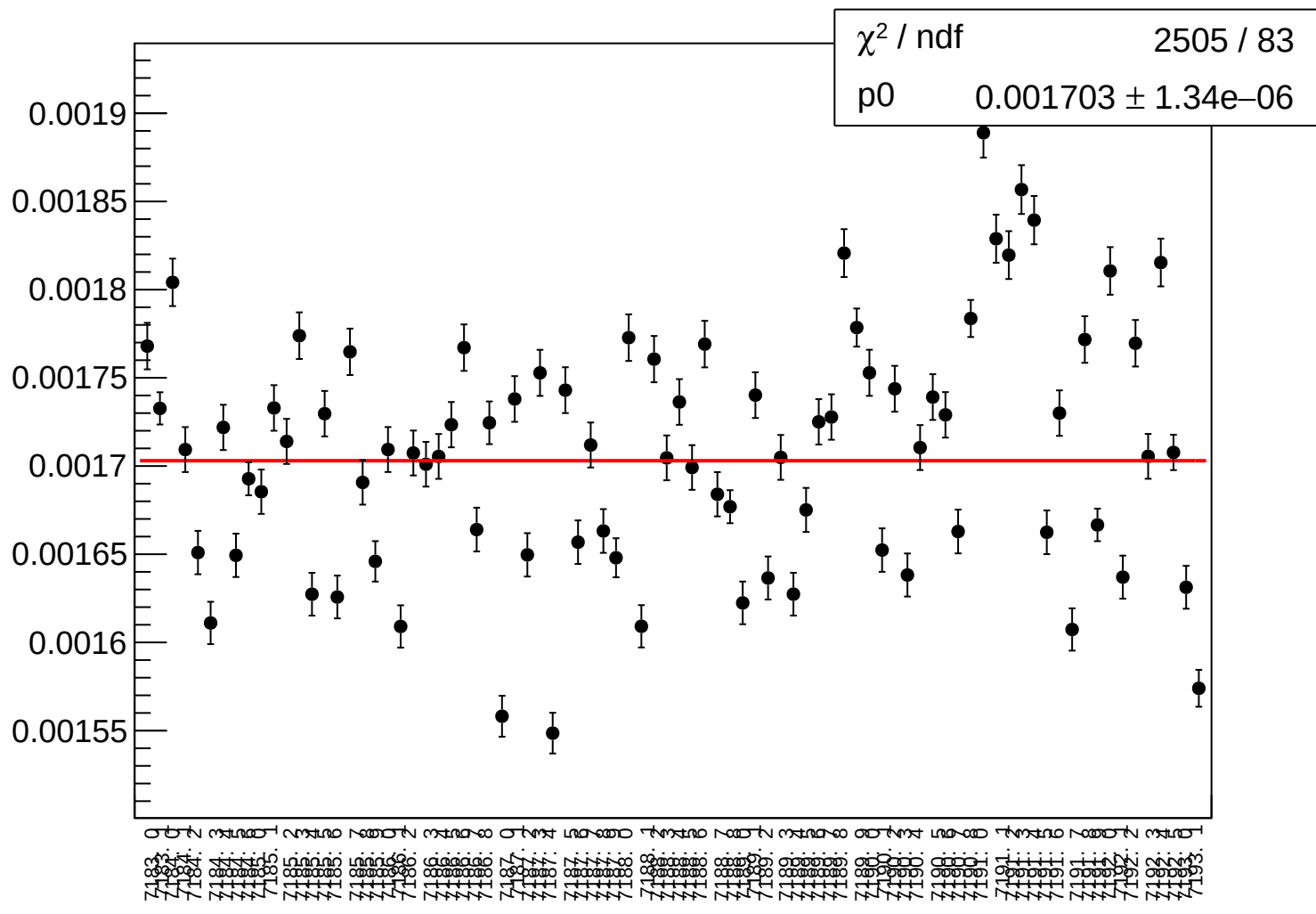
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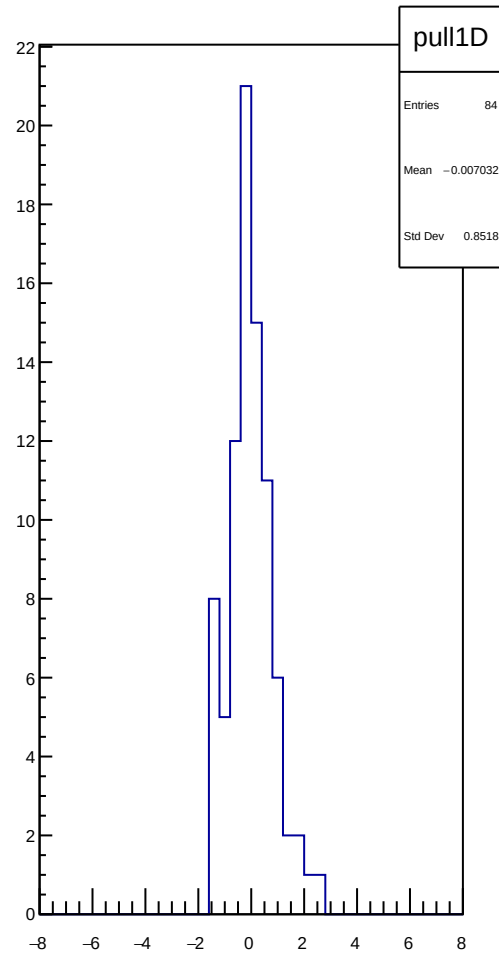
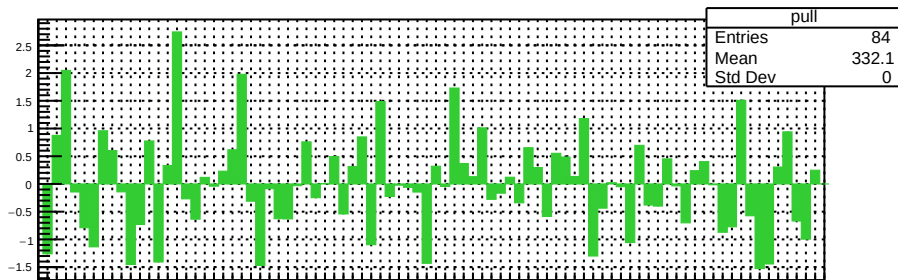
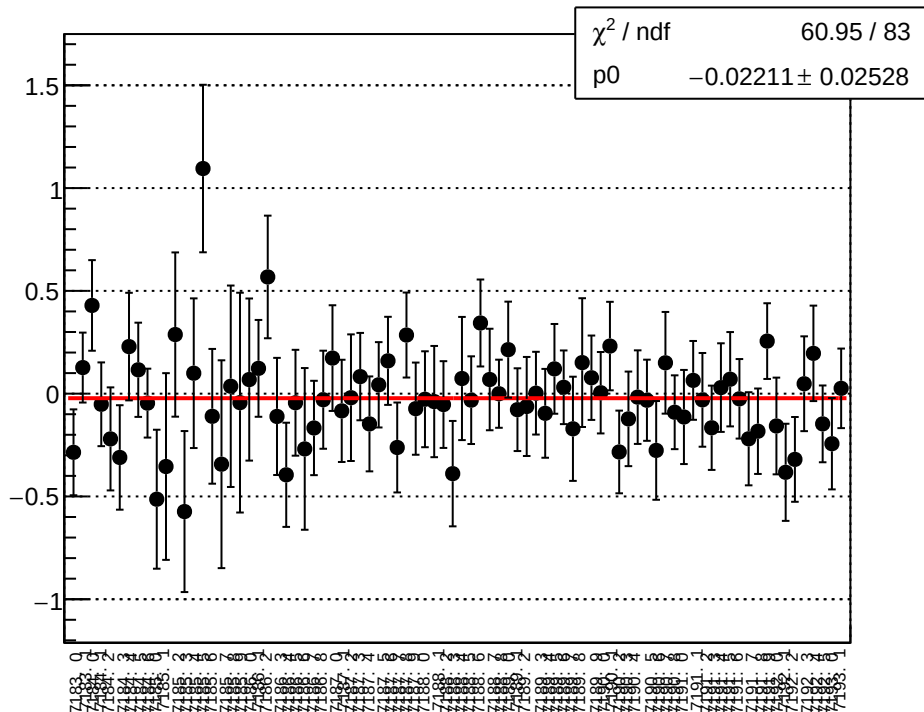
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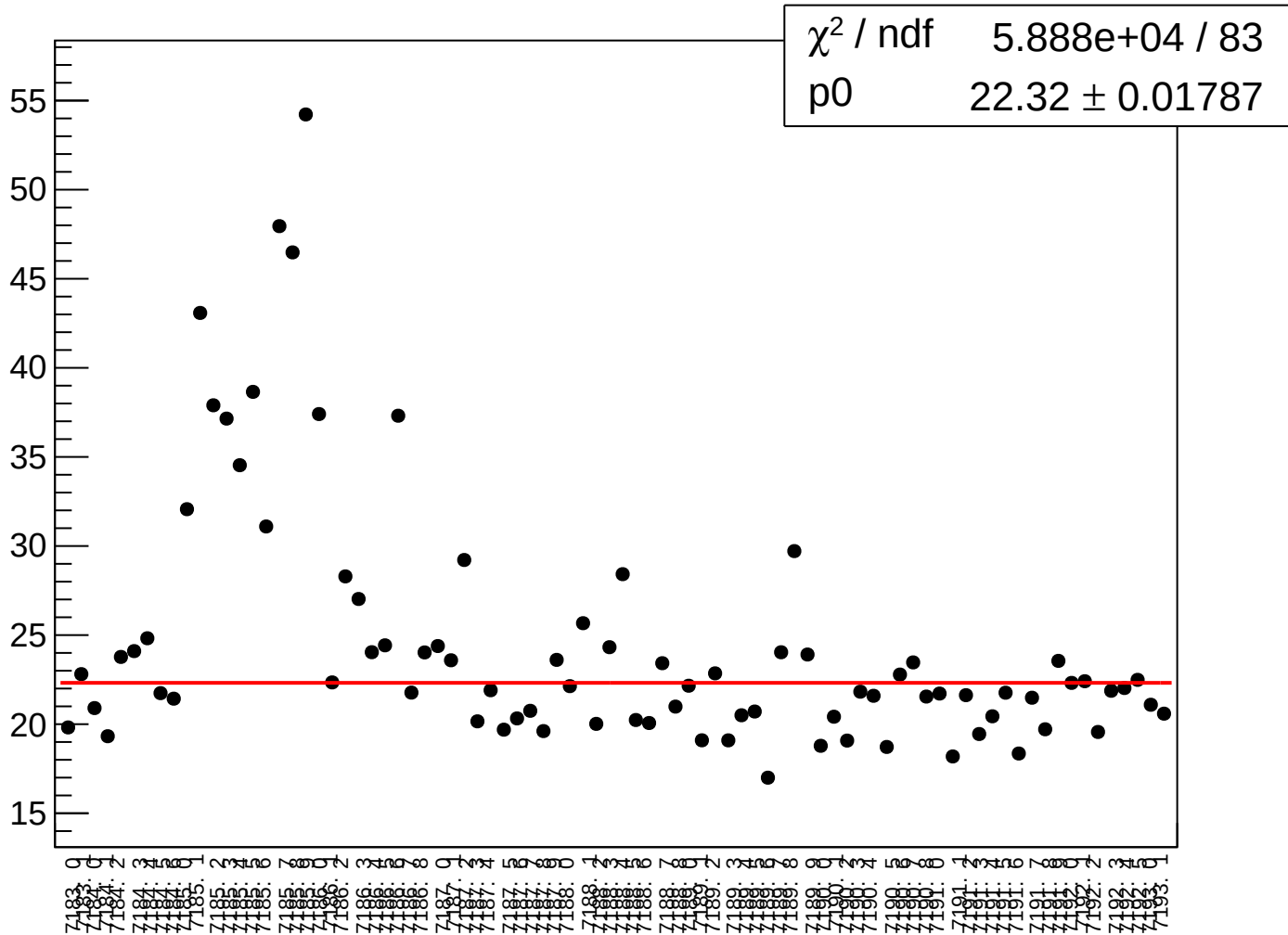
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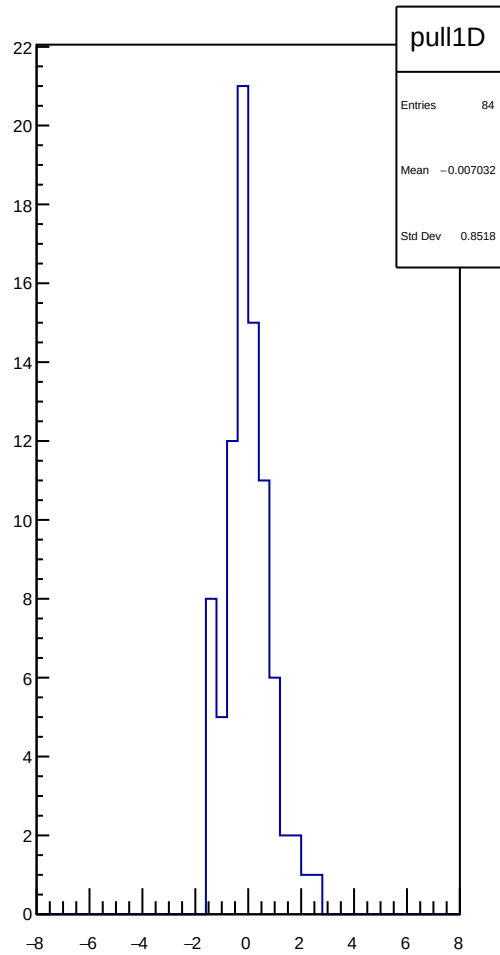
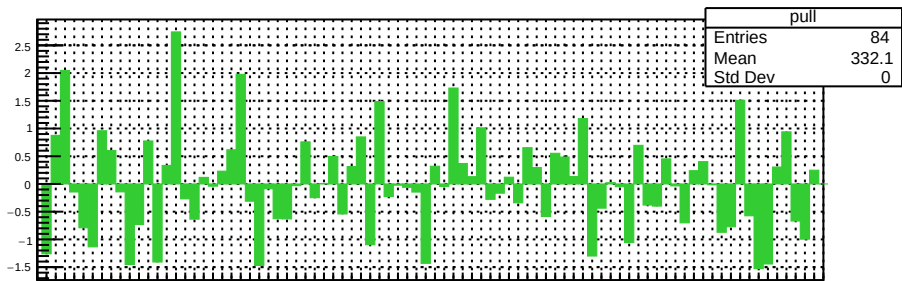
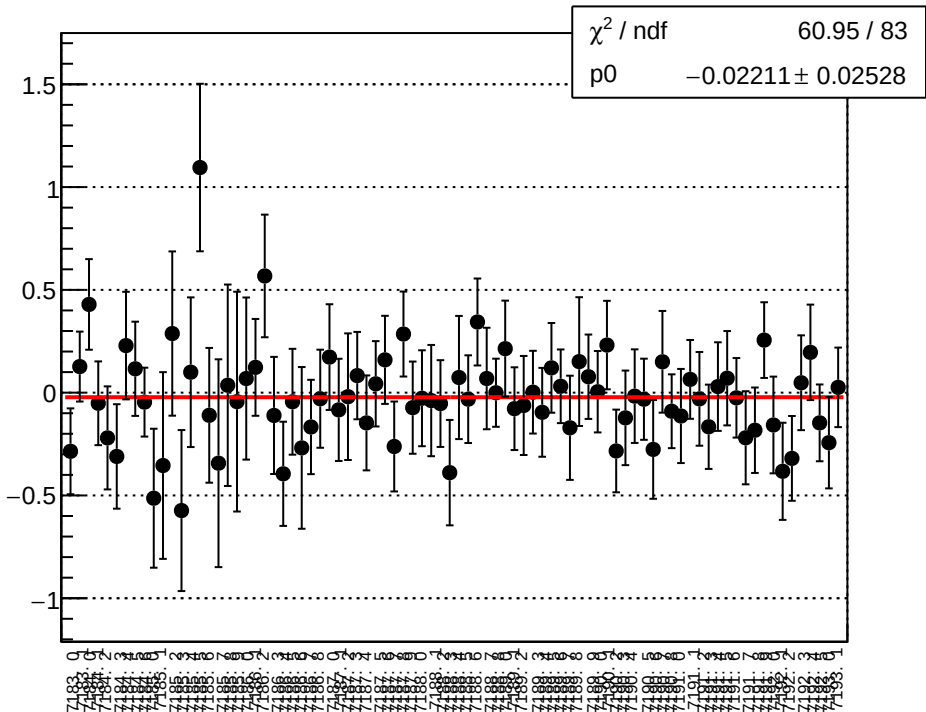
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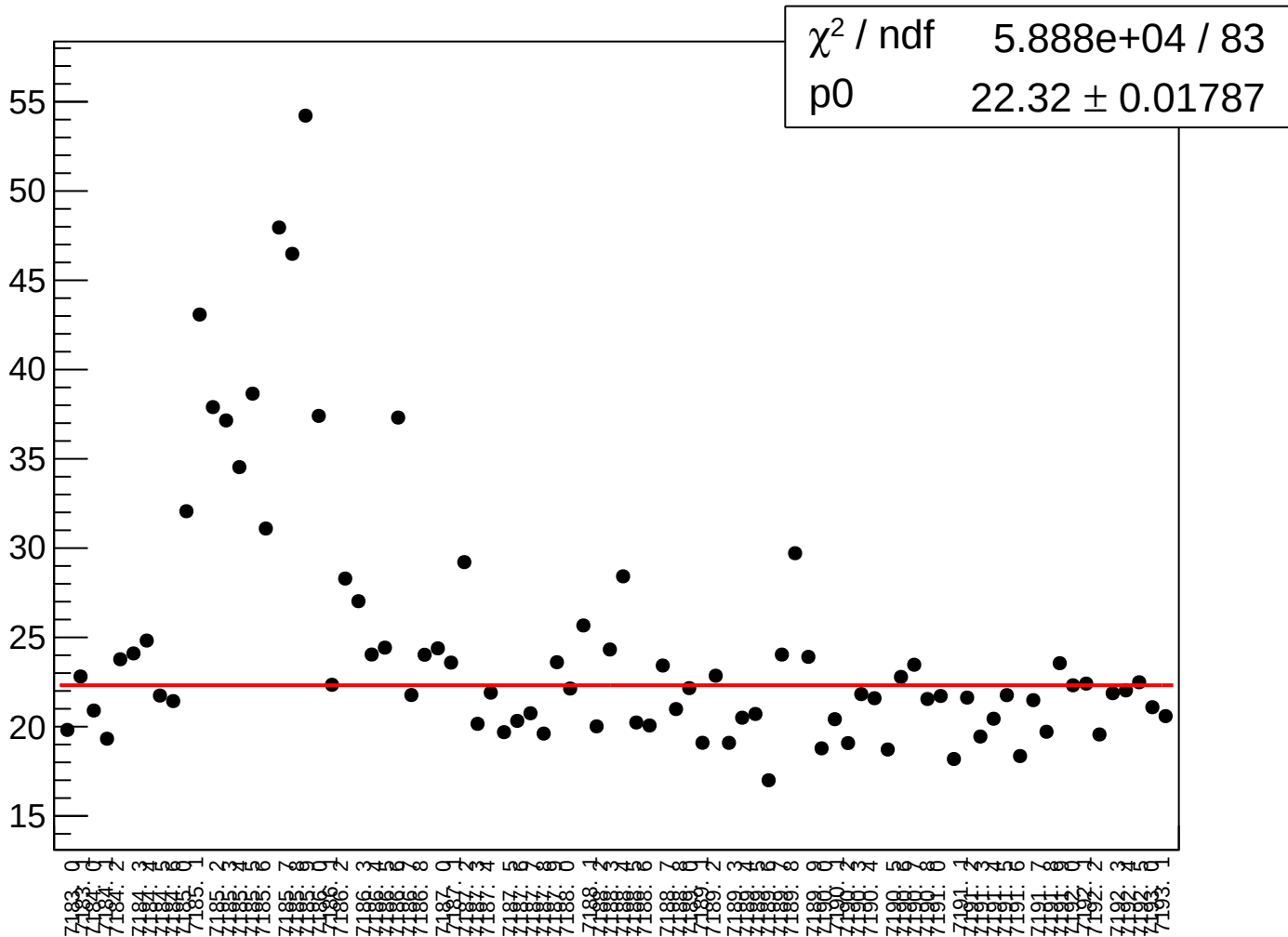
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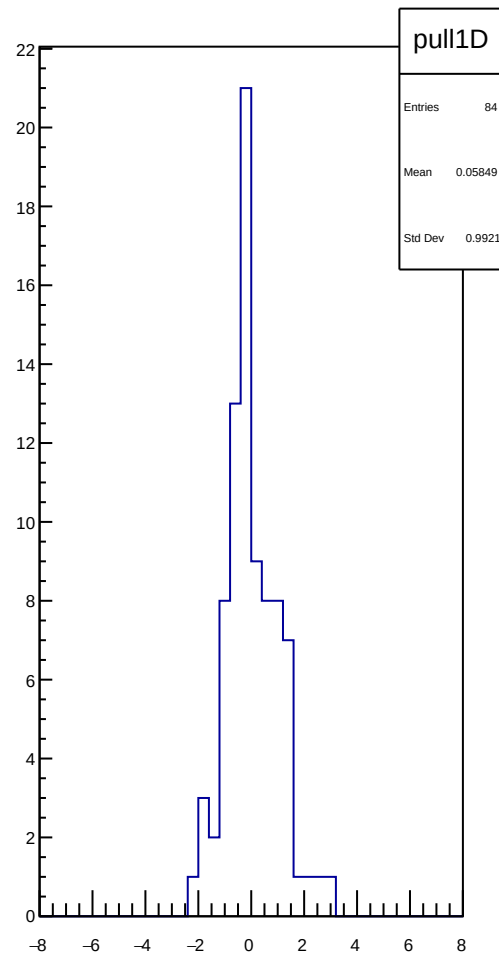
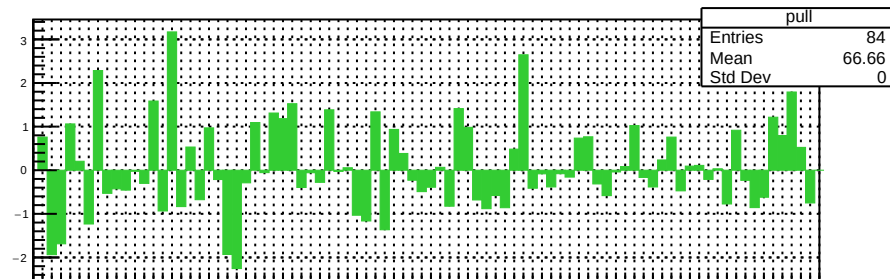
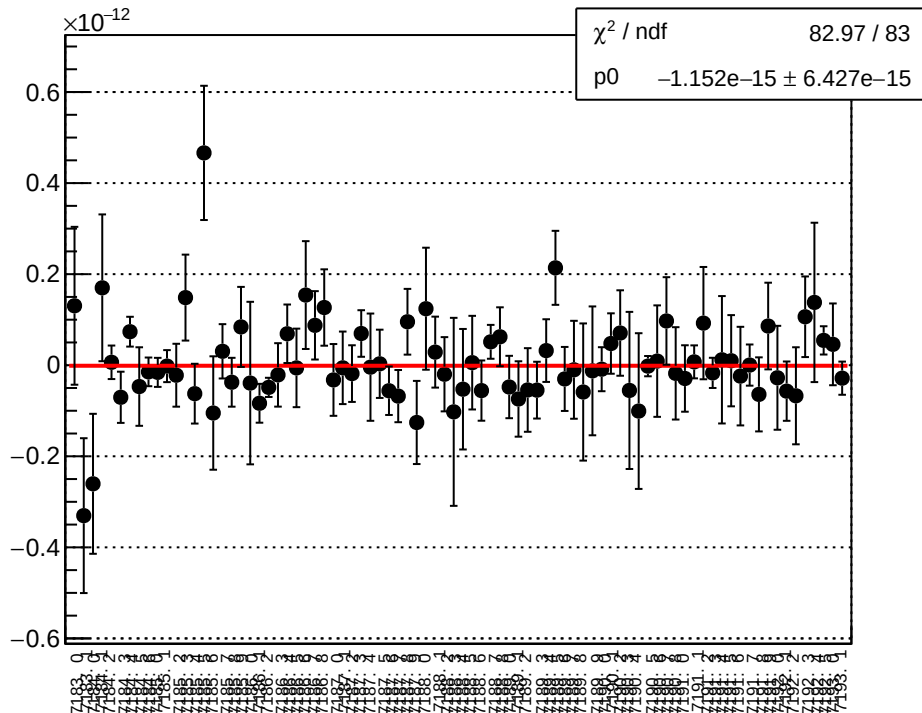
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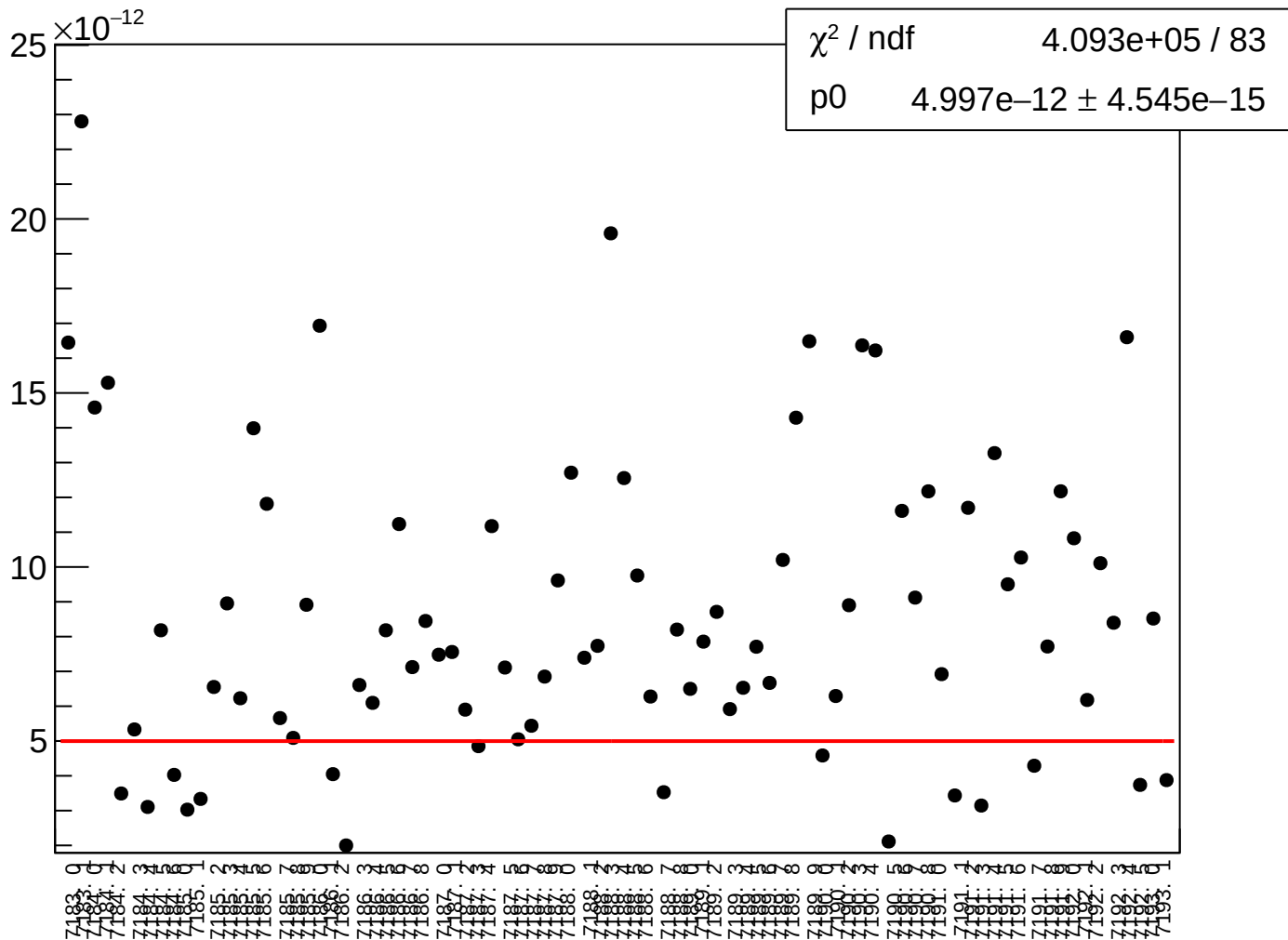
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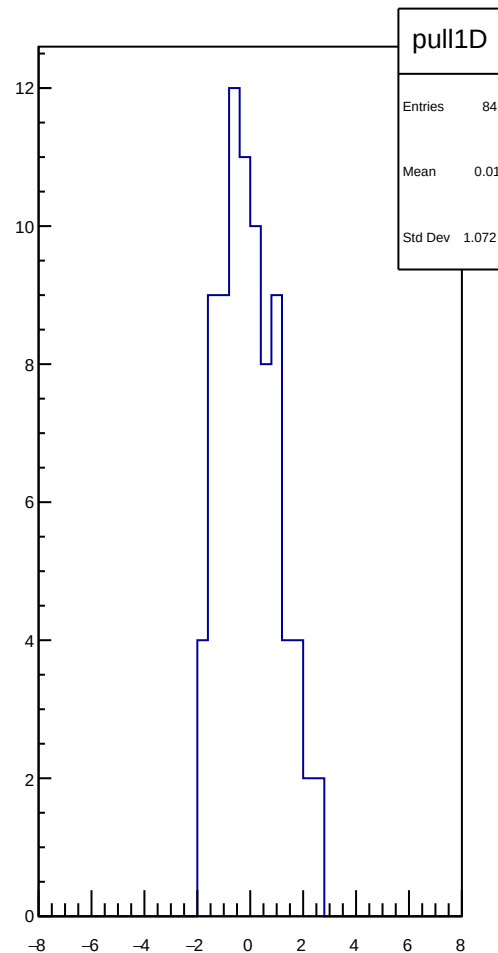
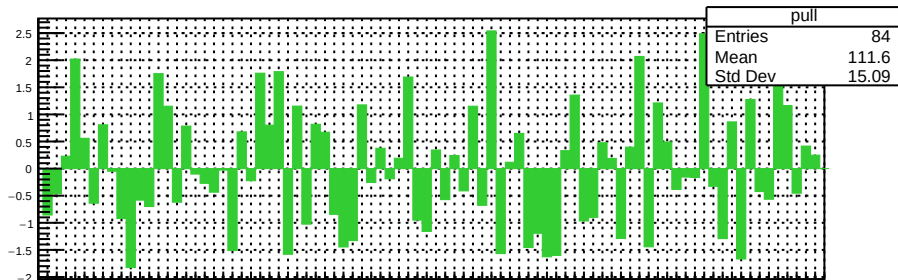
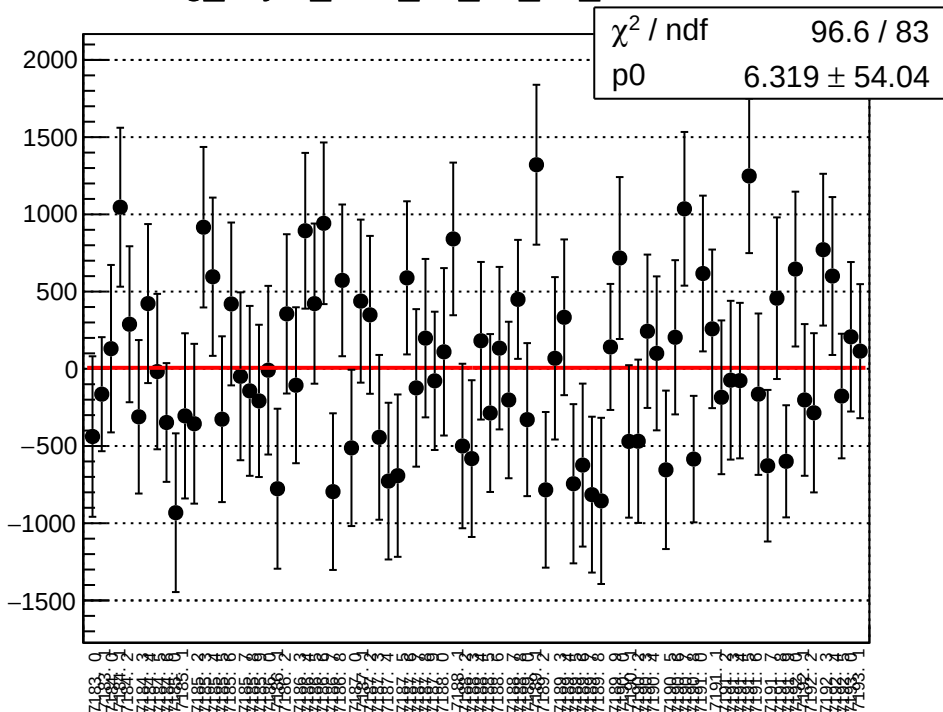
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asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_15_26_dd_mean vs run



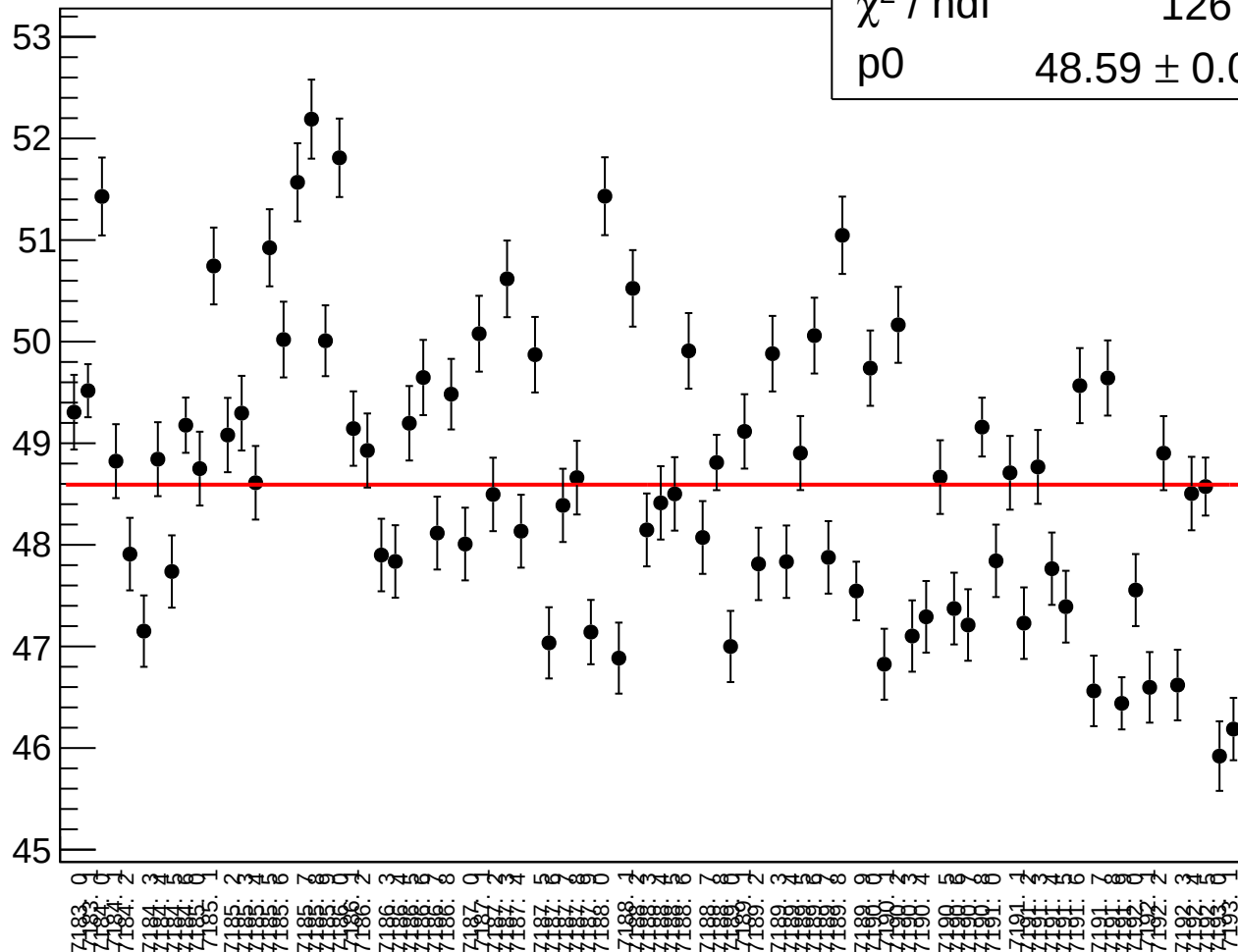
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χ^2 / ndf

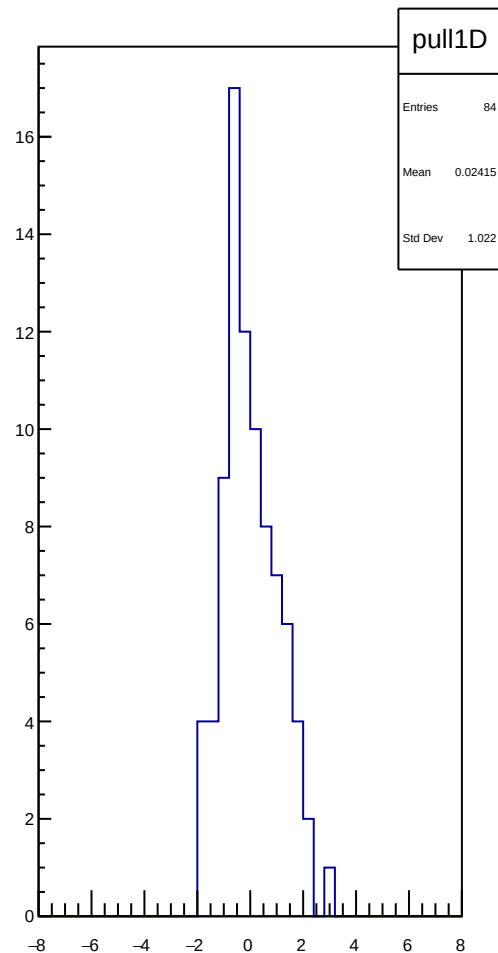
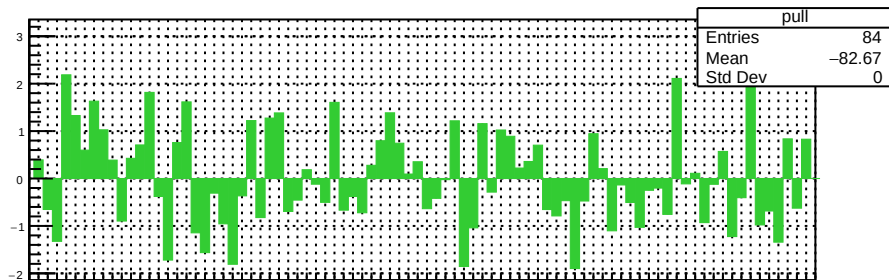
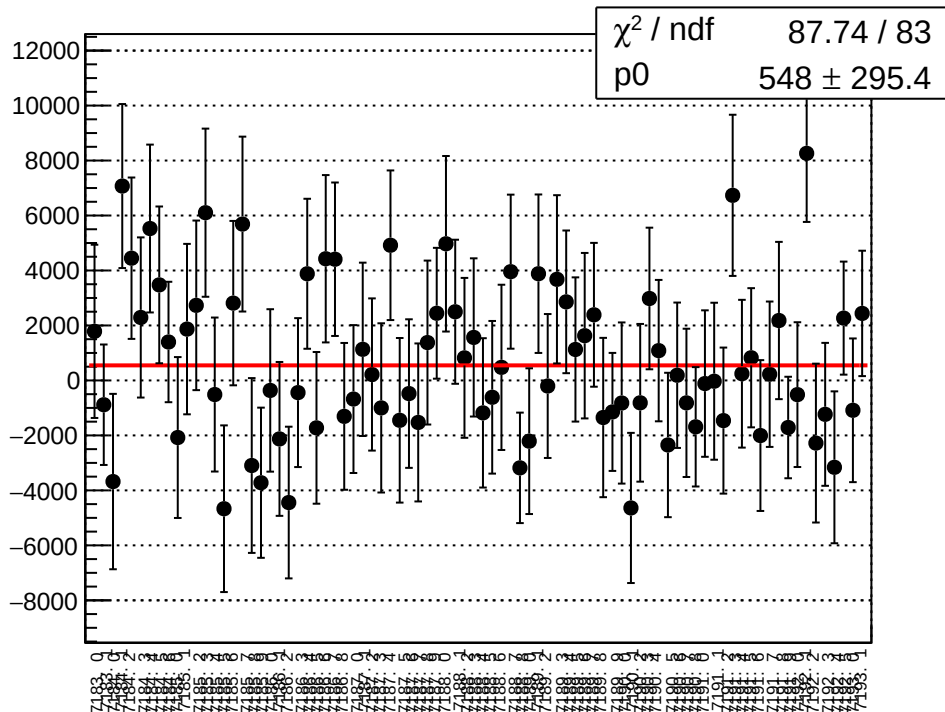
1267 / 83

p0

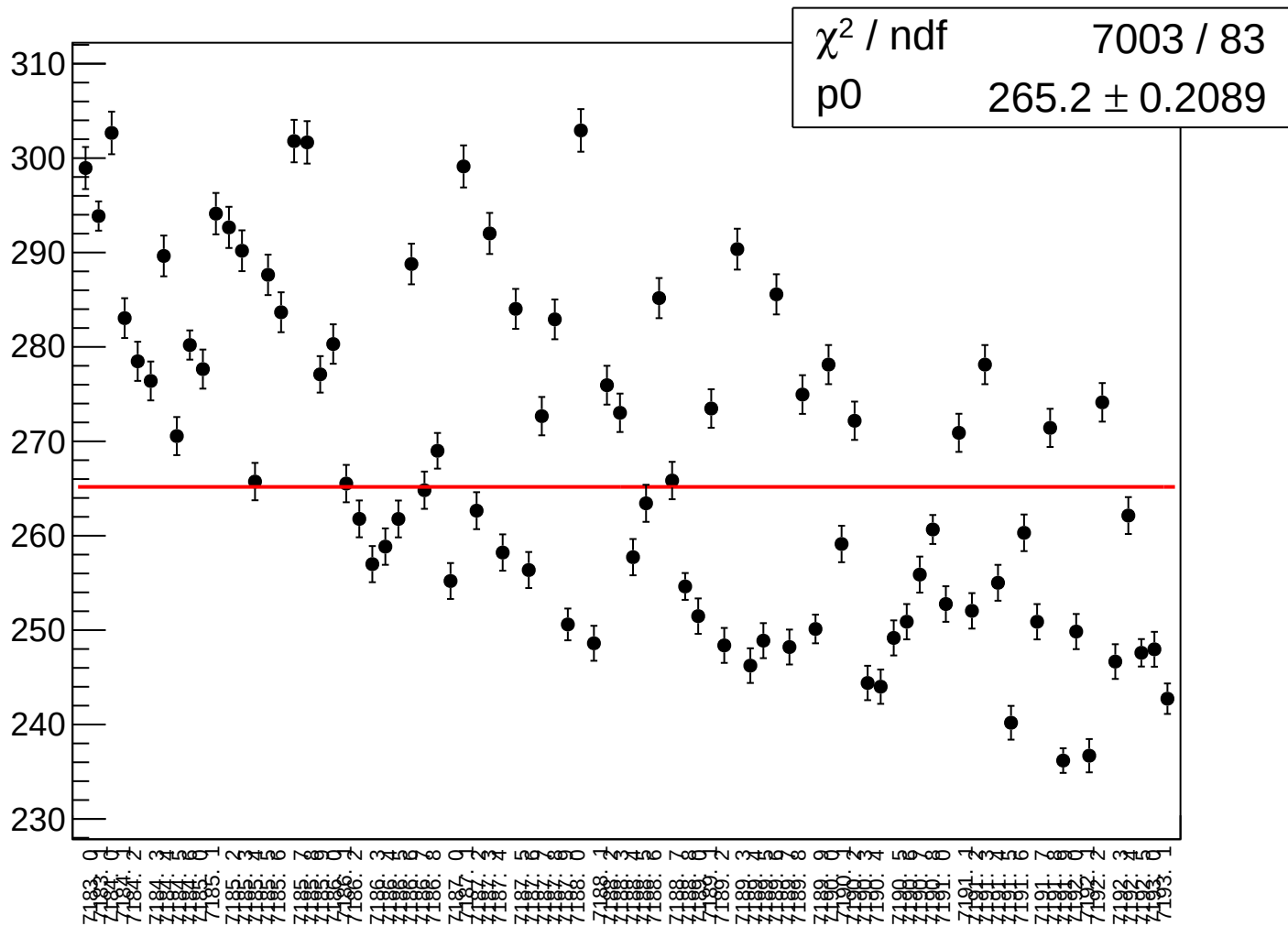
48.59 ± 0.03821



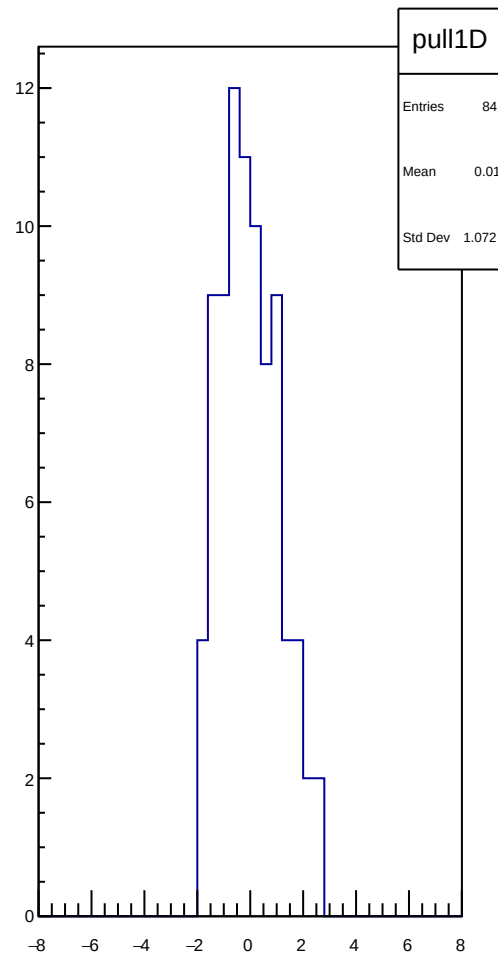
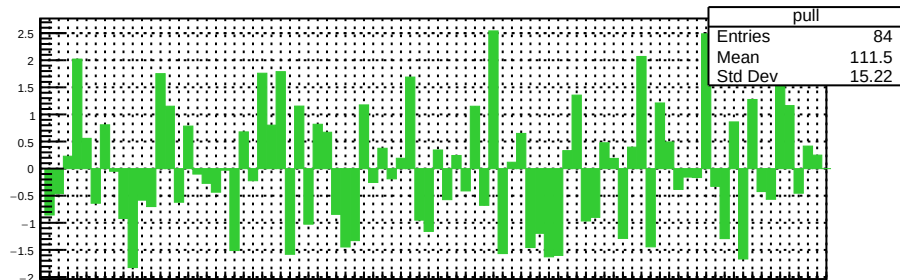
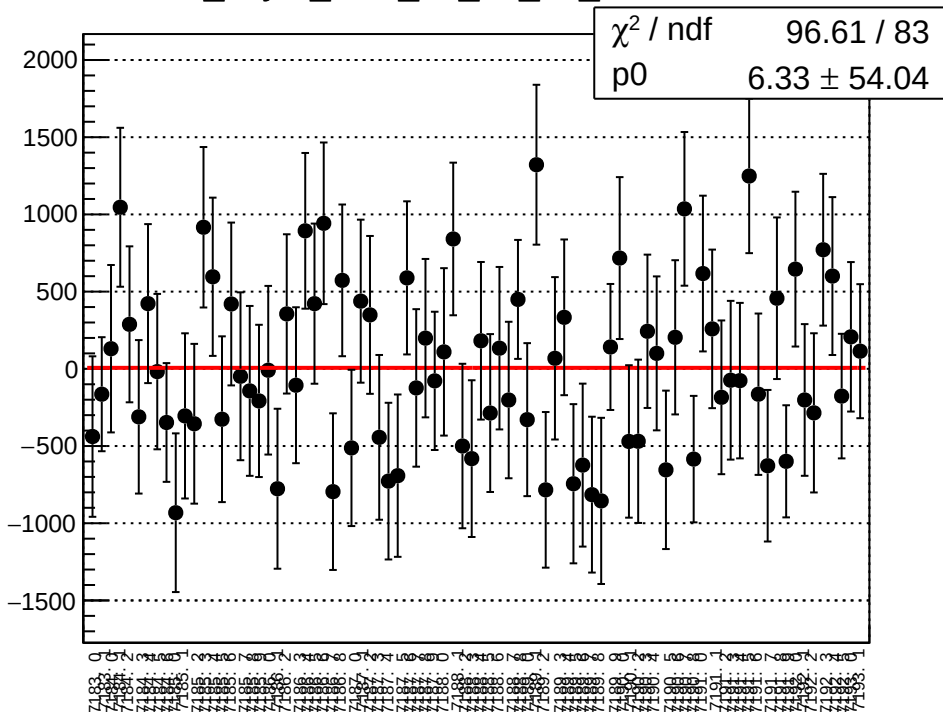
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cor_asym_sam_15_26_dd_mean vs run



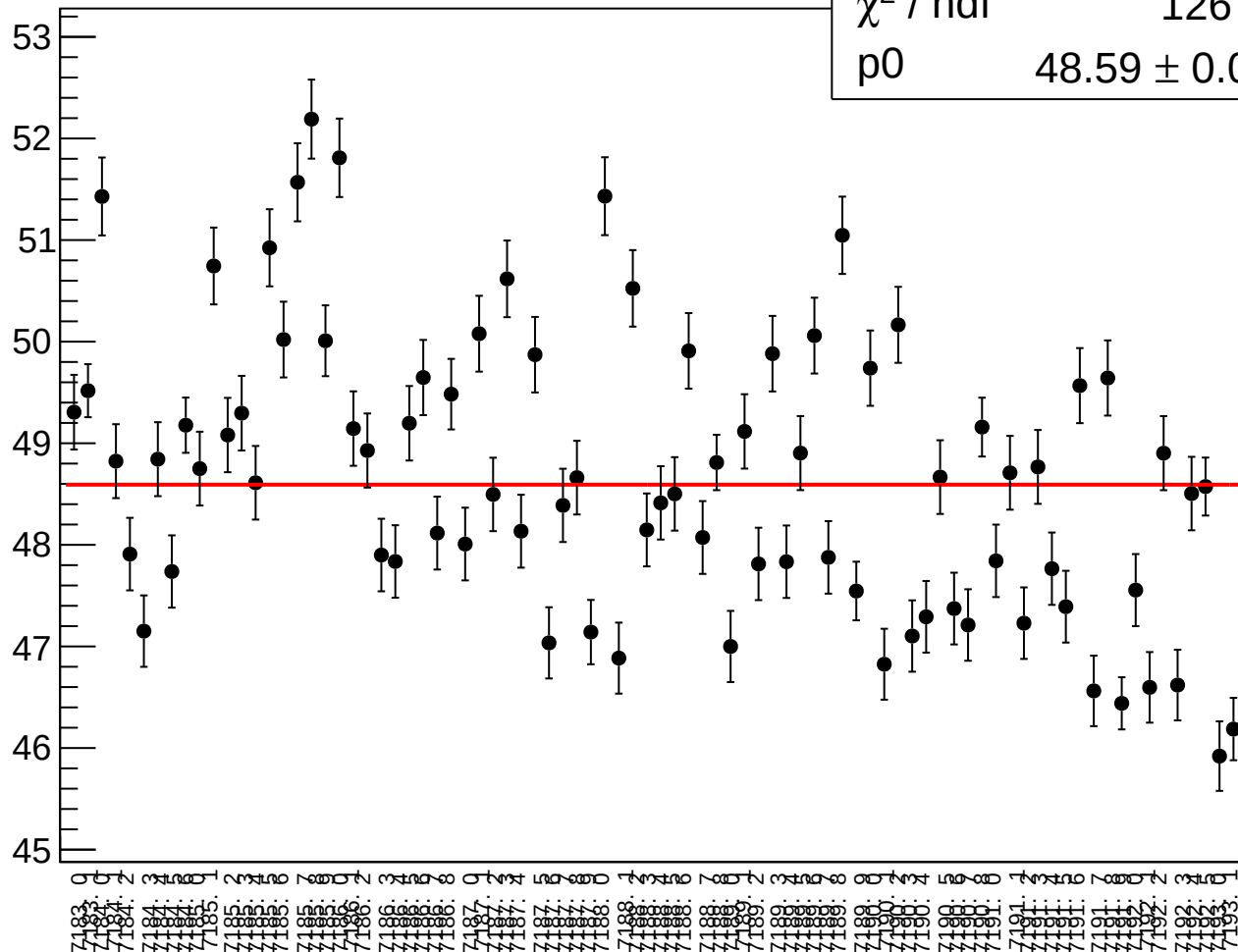
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χ^2 / ndf

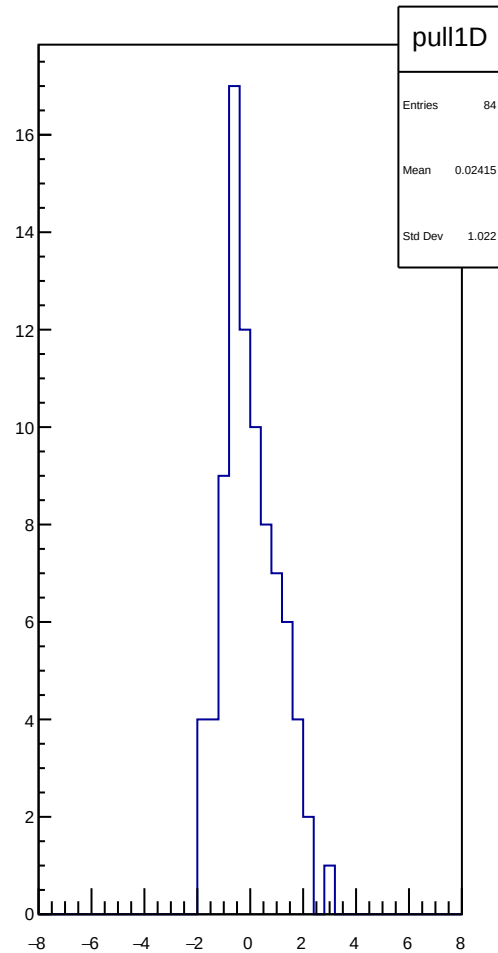
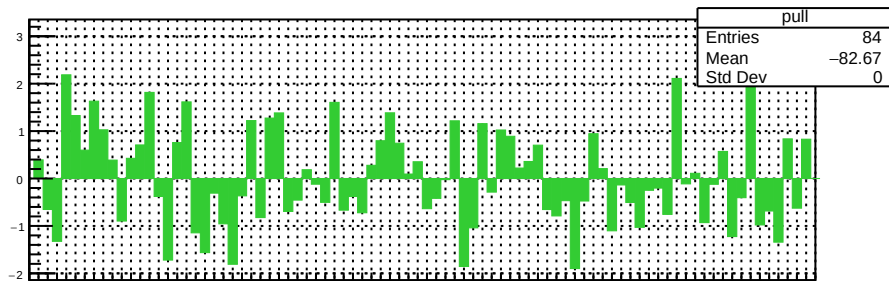
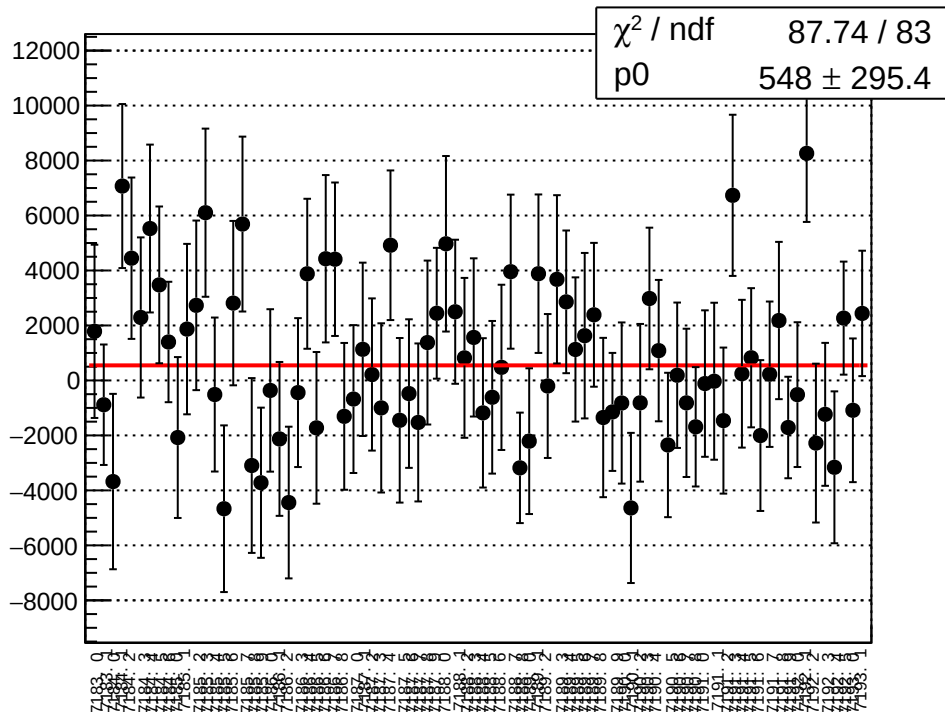
1267 / 83

p0

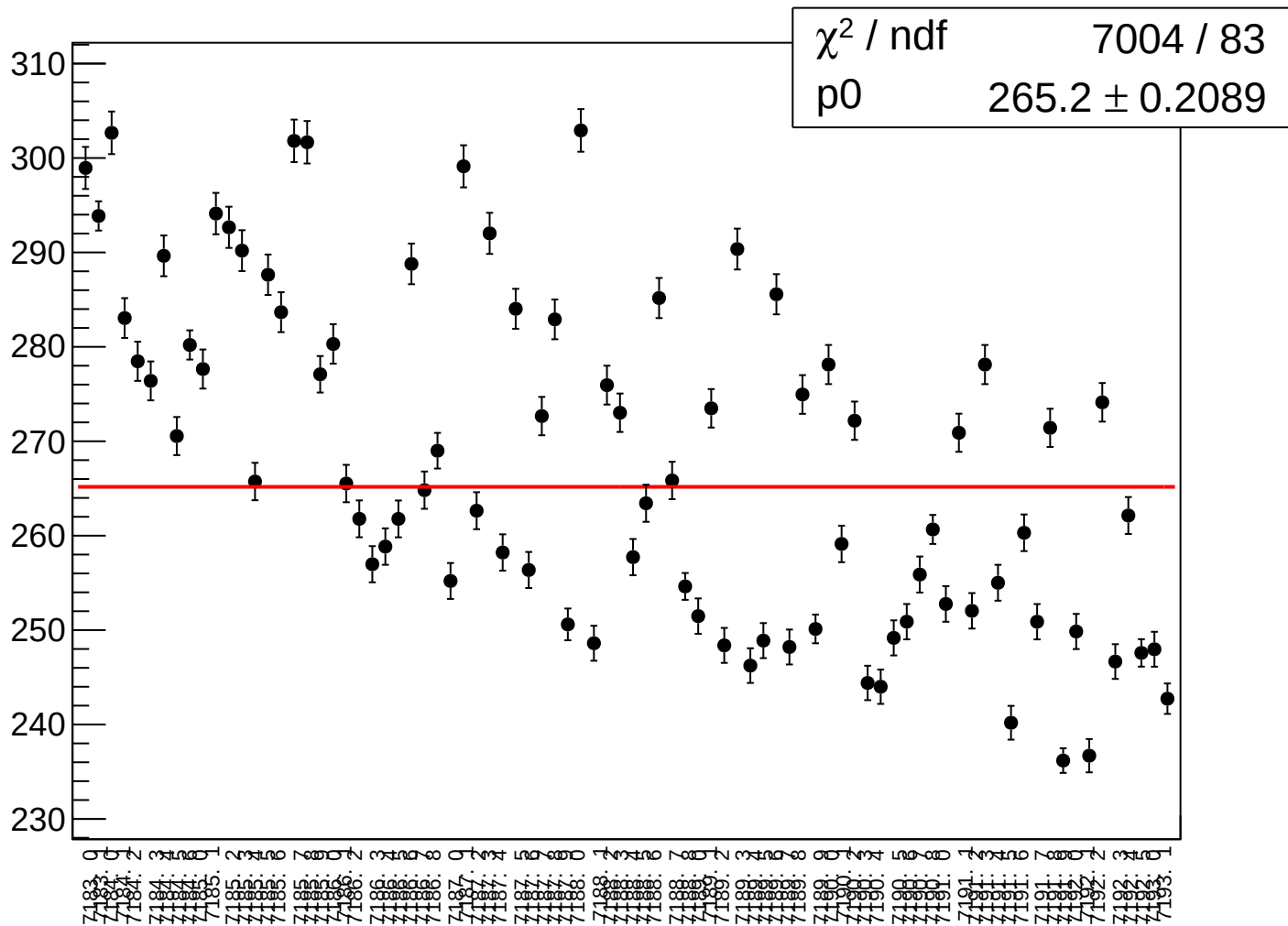
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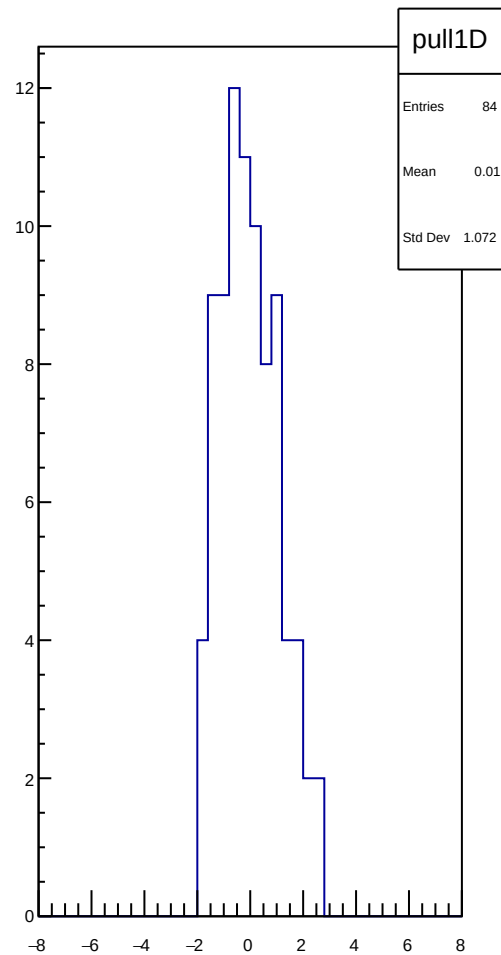
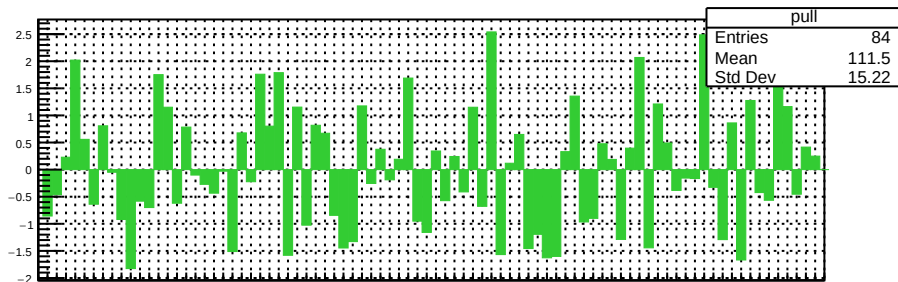
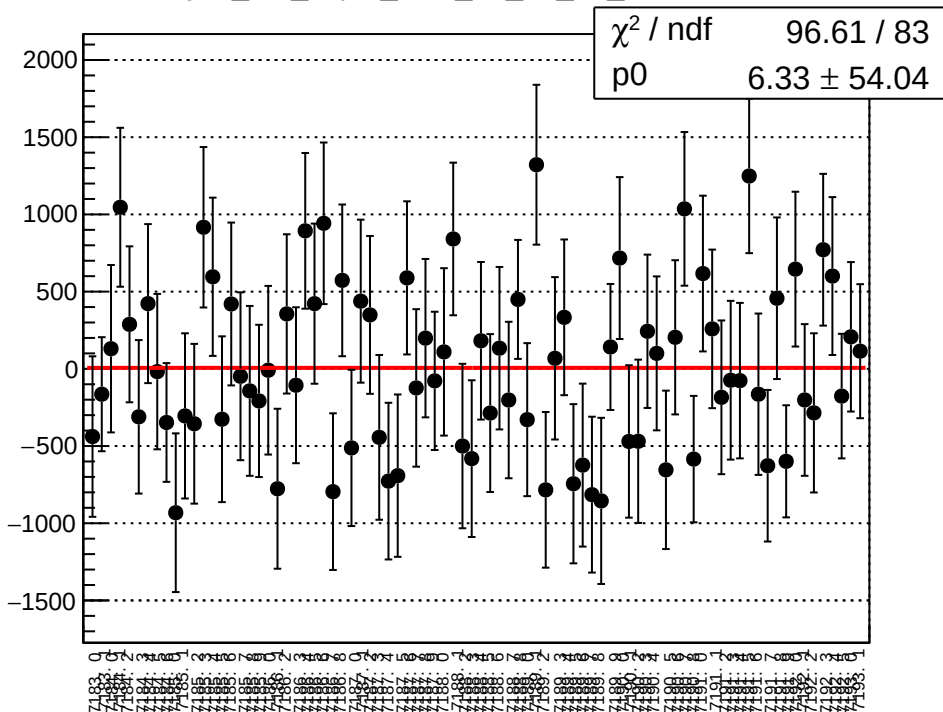
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asym_sam_15_26_dd_cor_correction_rms vs run



eigen_cor_asym_sam_15_26_dd_mean vs run

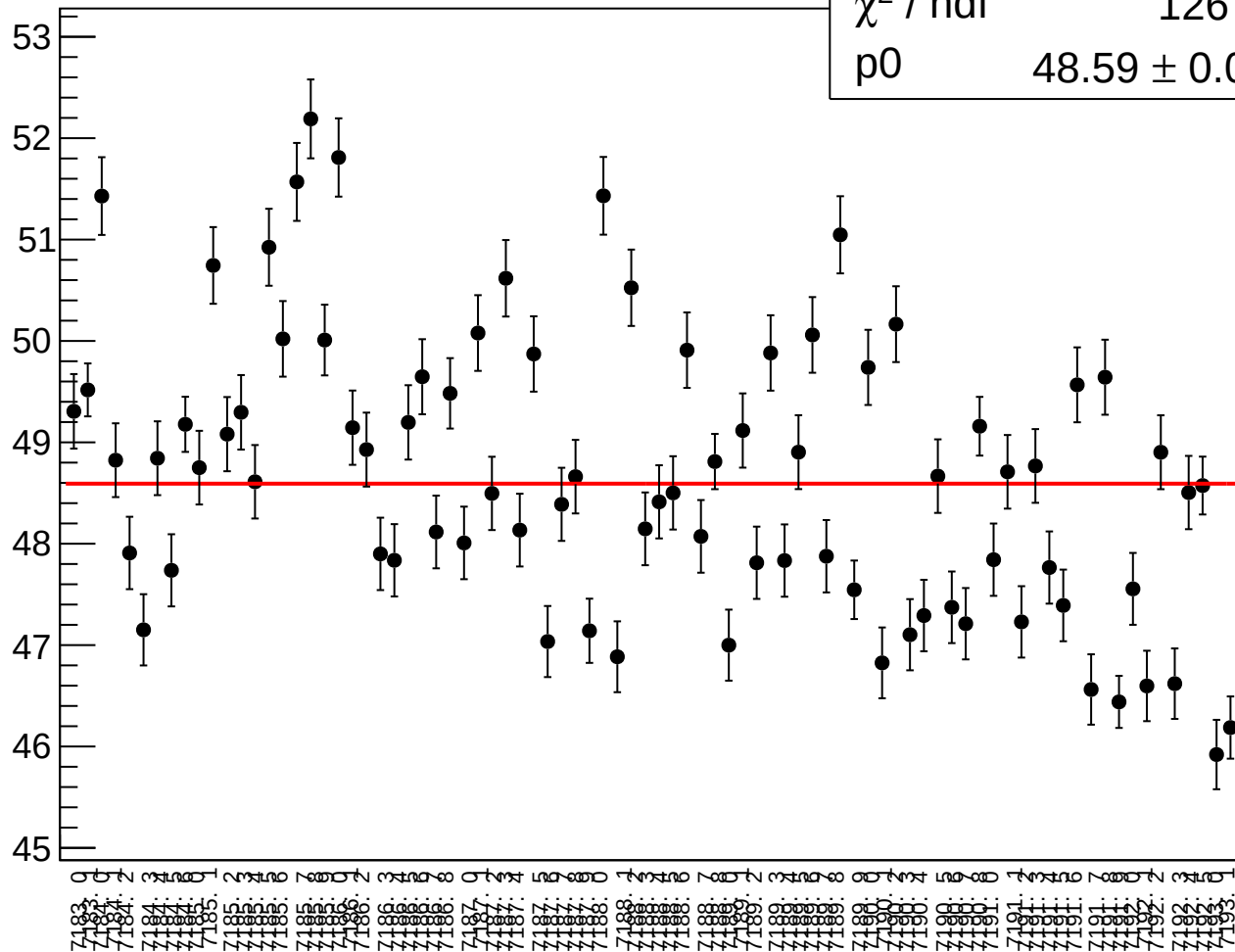


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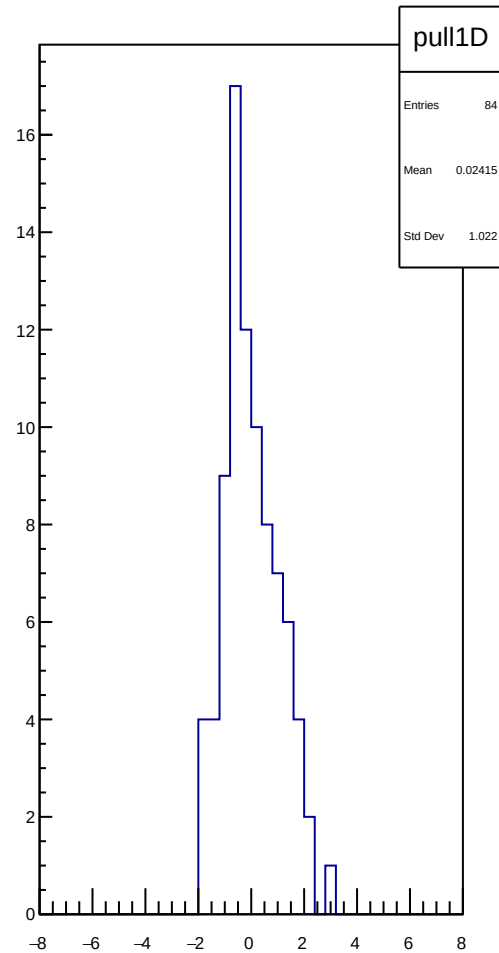
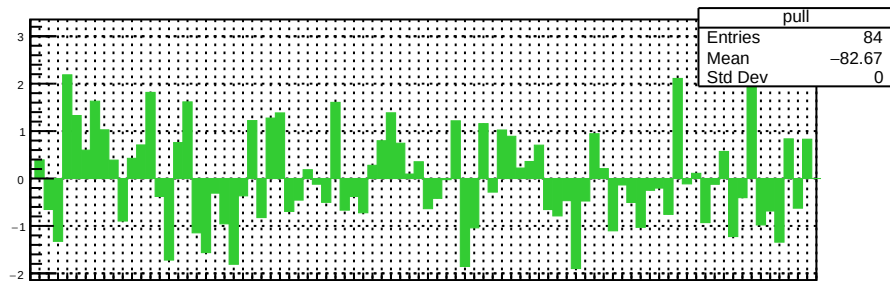
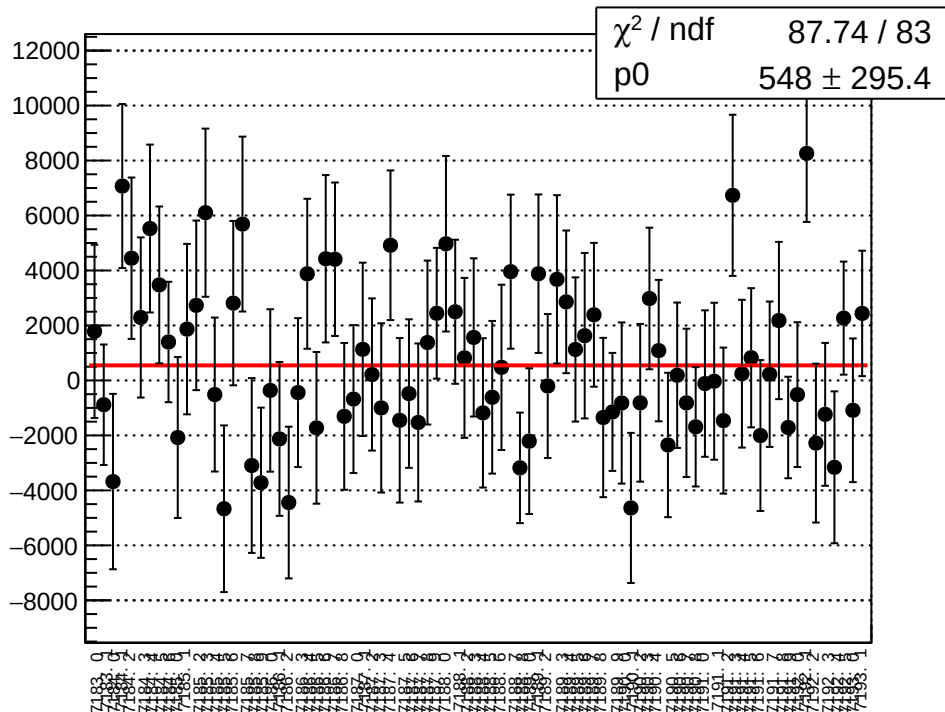
 χ^2 / ndf

1267 / 83

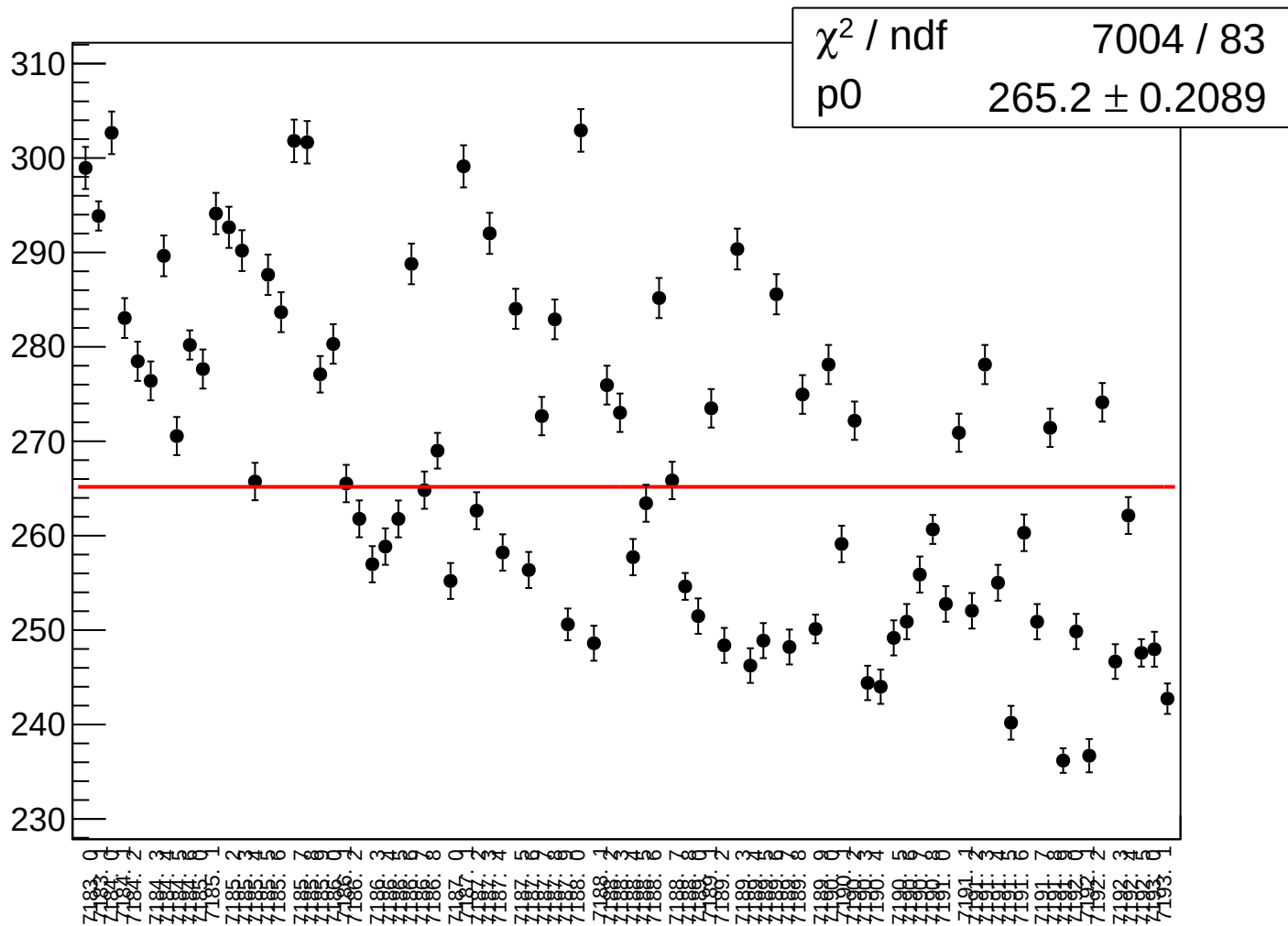
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 48.59 ± 0.03821 

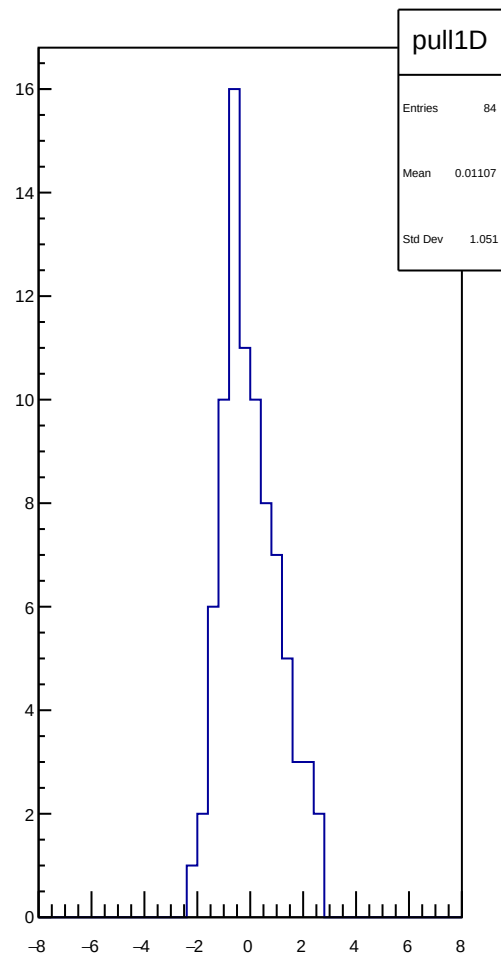
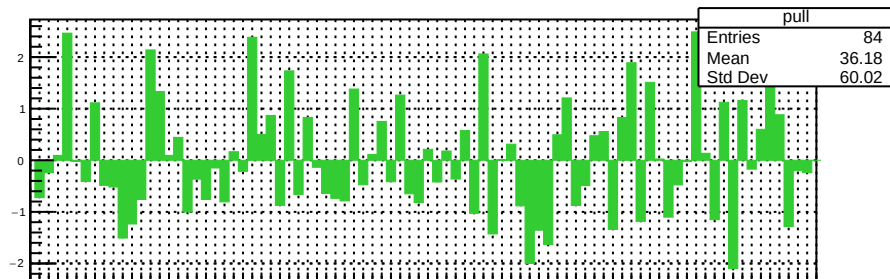
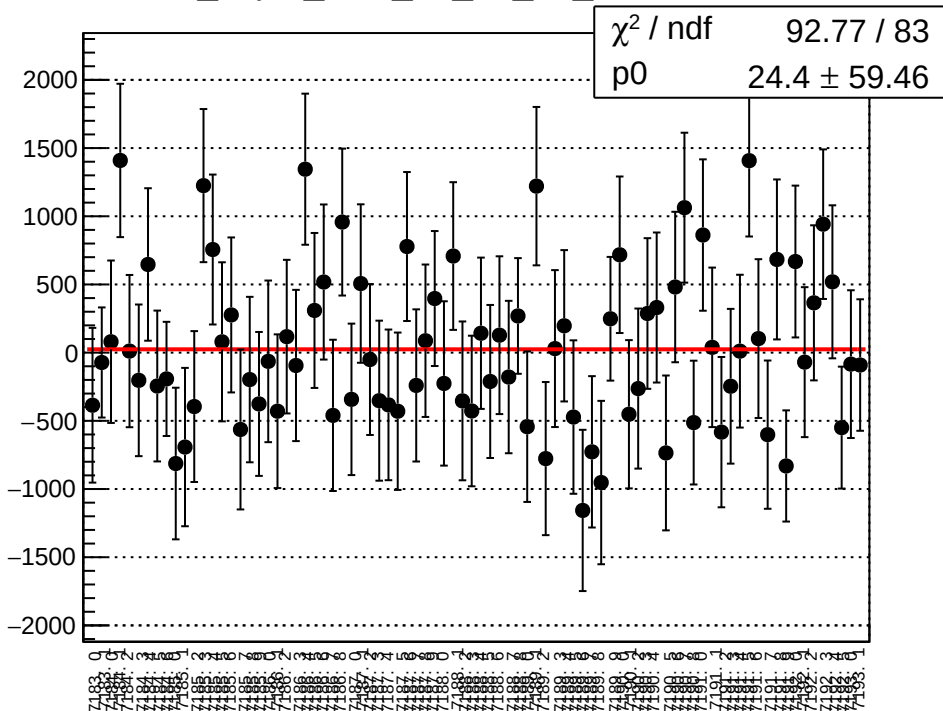
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asym_sam_15_26_dd_eigen_cor_correction_rms vs run



dit_asym_sam_15_26_dd_mean vs run



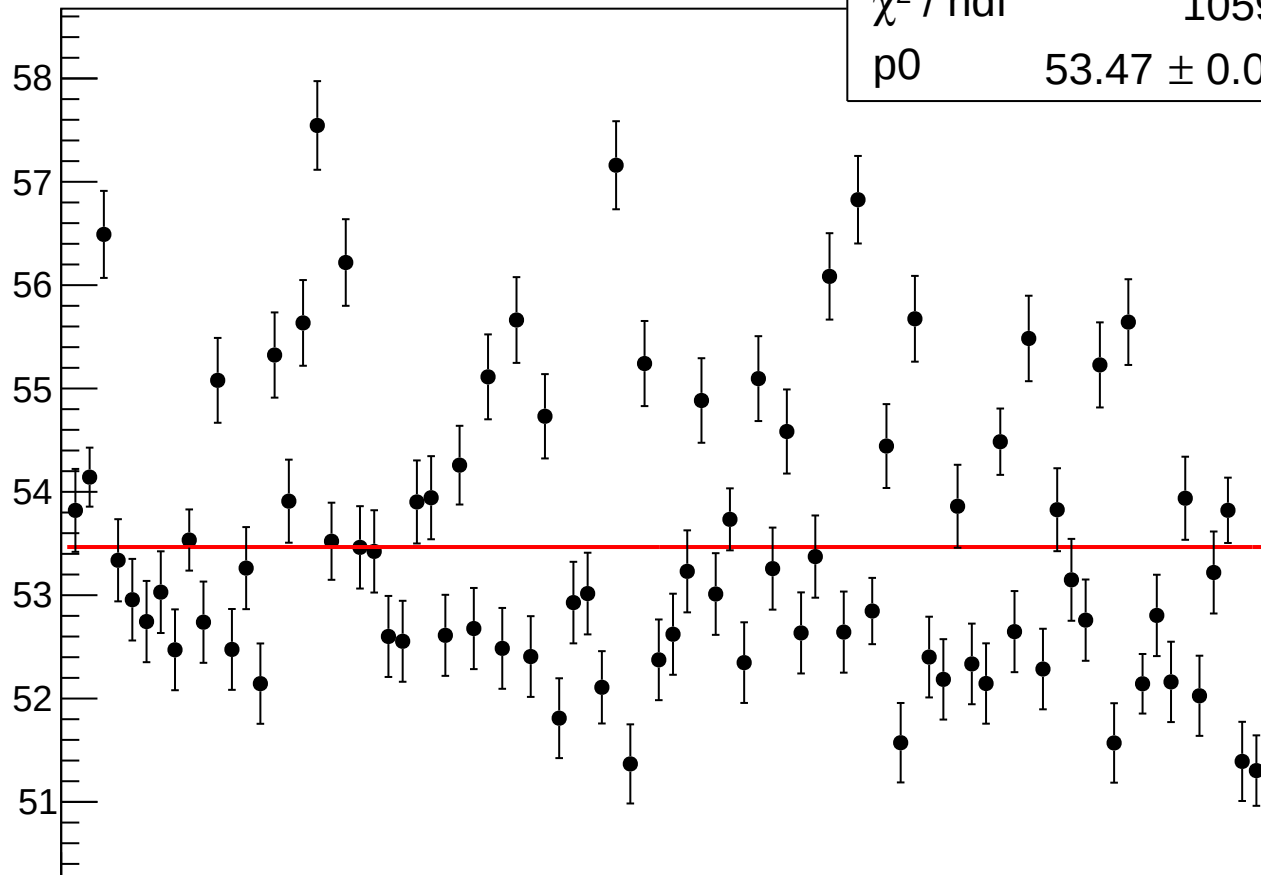
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χ^2 / ndf

1059 / 83

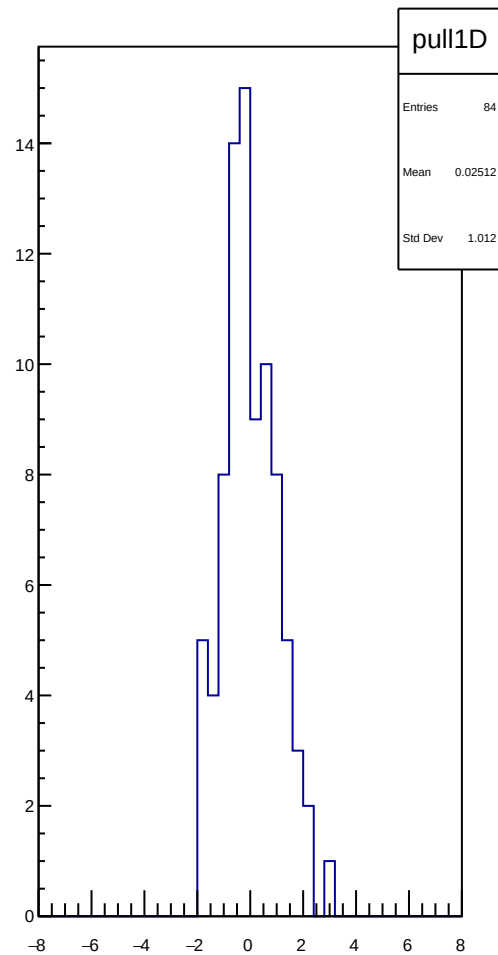
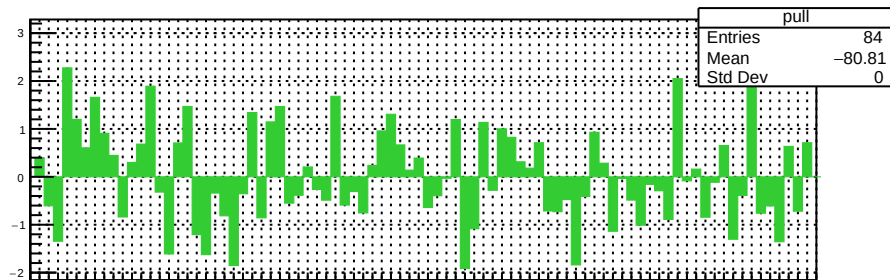
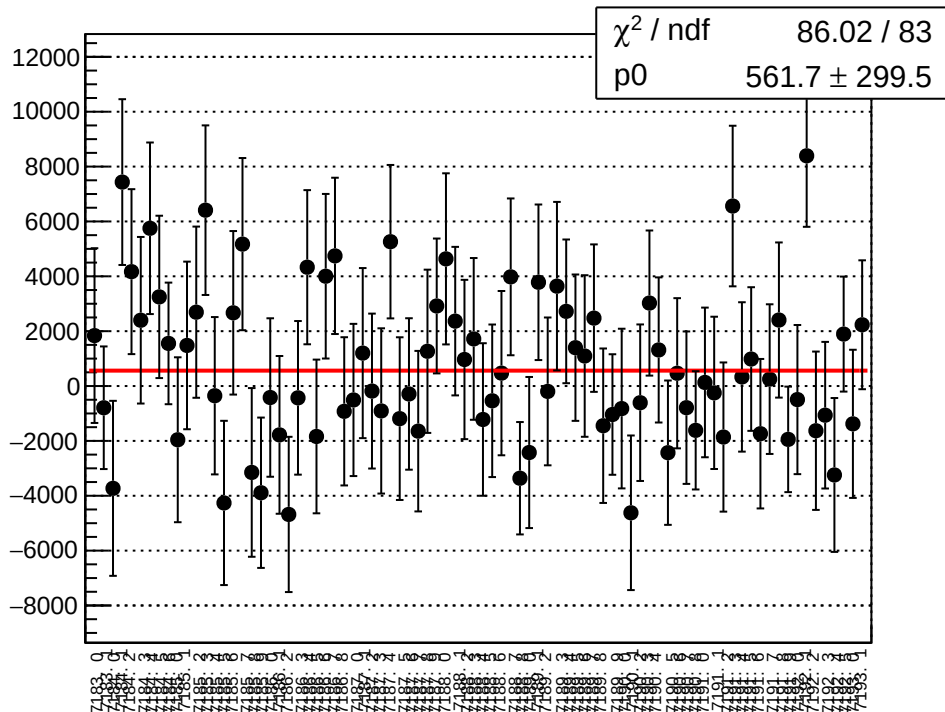
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53.47 ± 0.04204

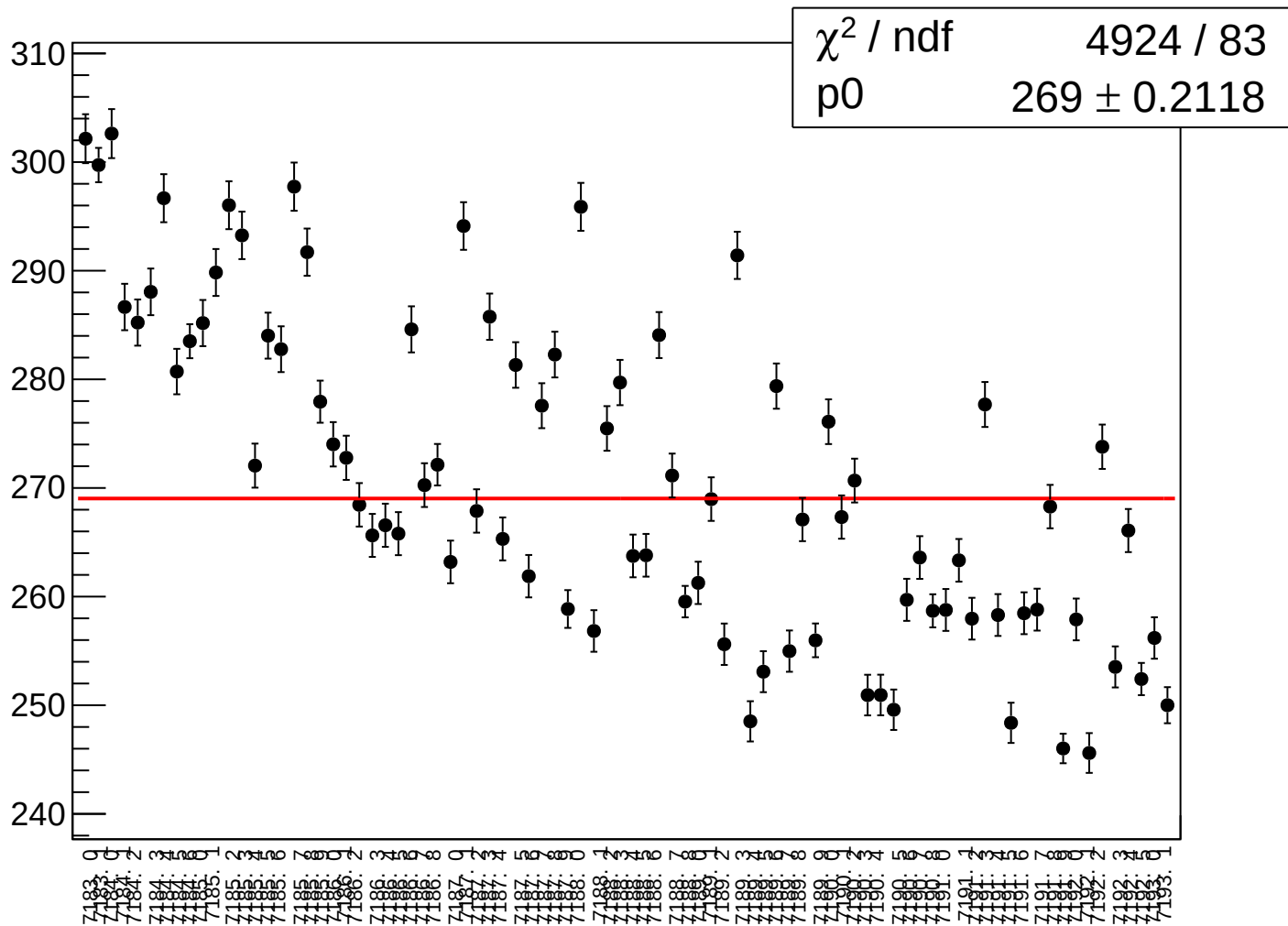


run 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

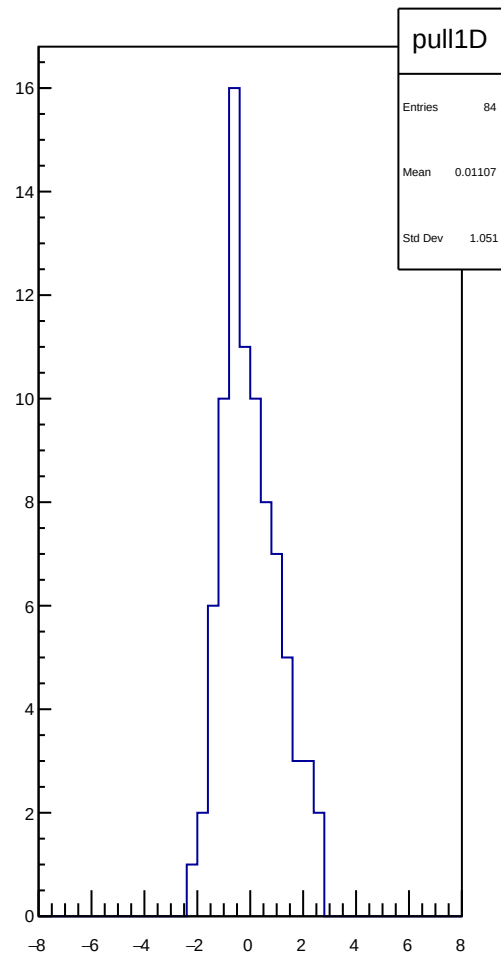
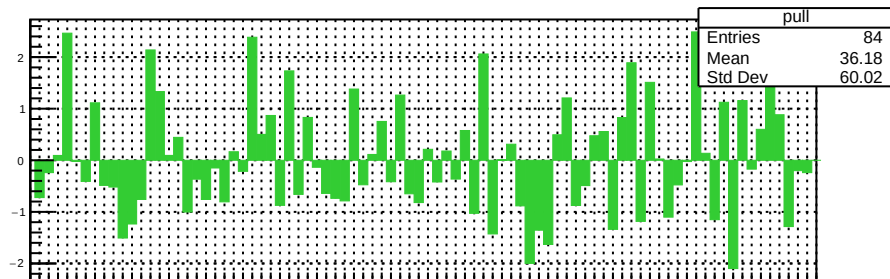
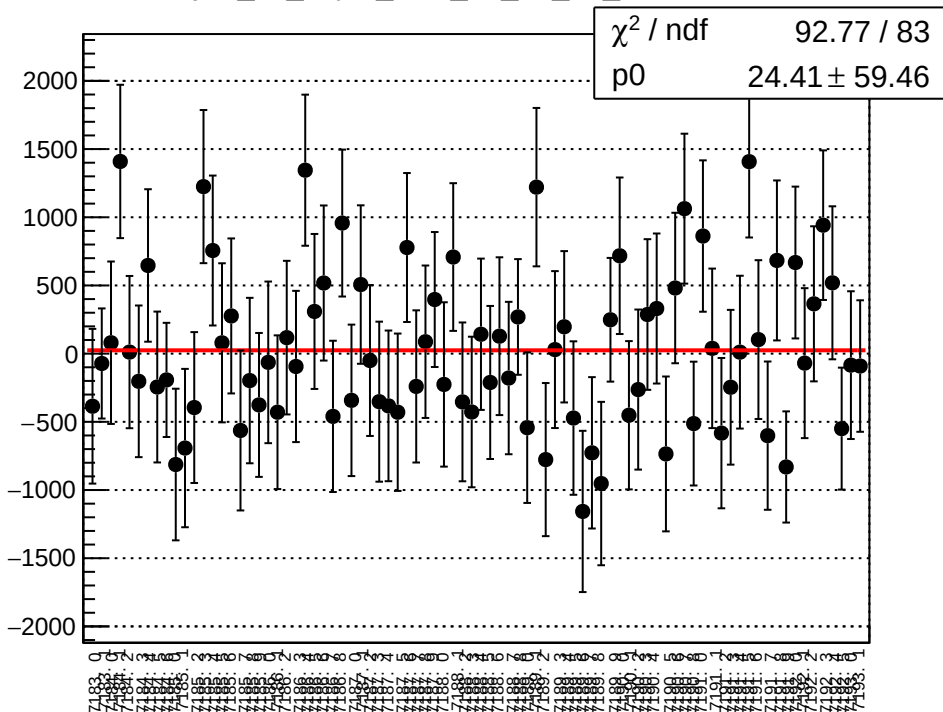
asym_sam_15_26_dd_dit_correction_mean vs run



asym_sam_15_26_dd_dit_correction_rms vs run



eigen_dit_asym_sam_15_26_dd_mean vs run



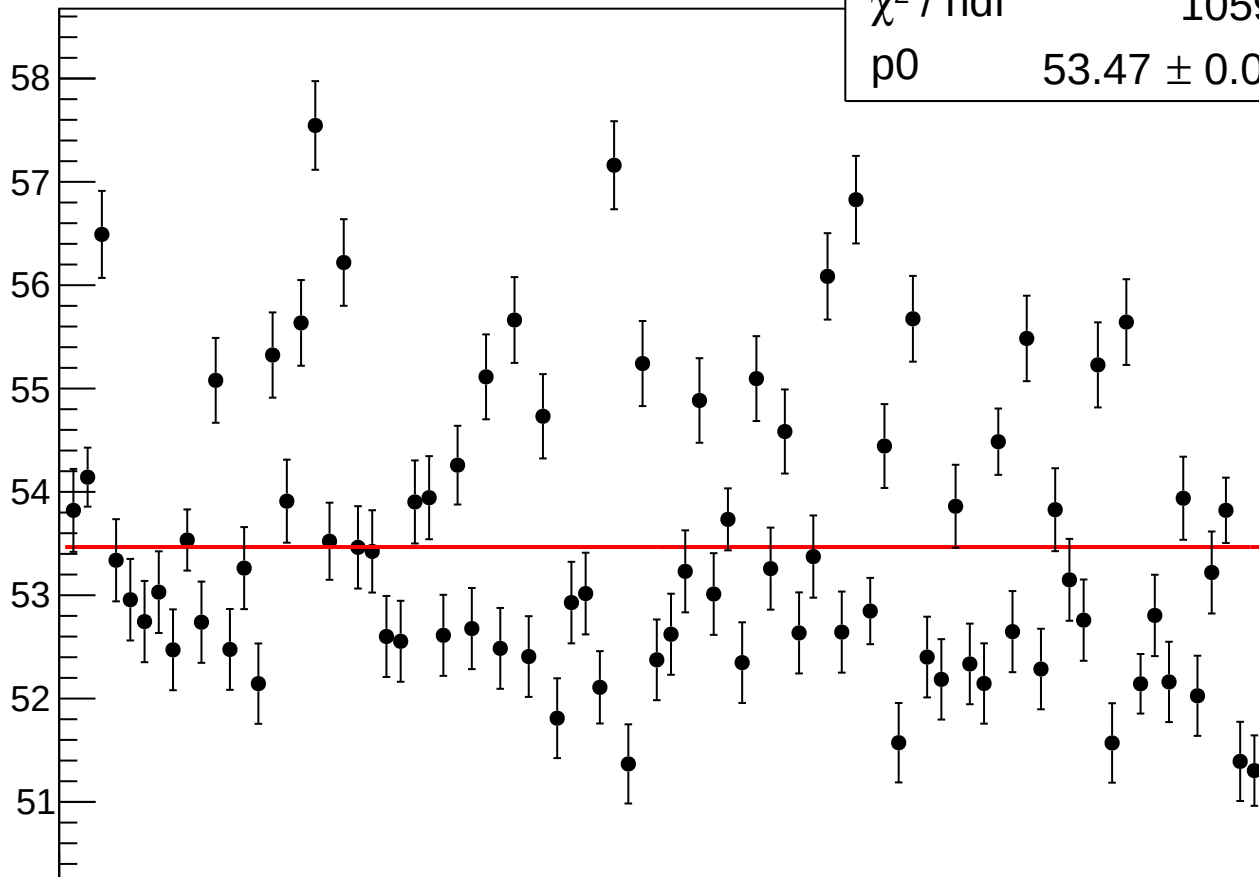
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χ^2 / ndf

1059 / 83

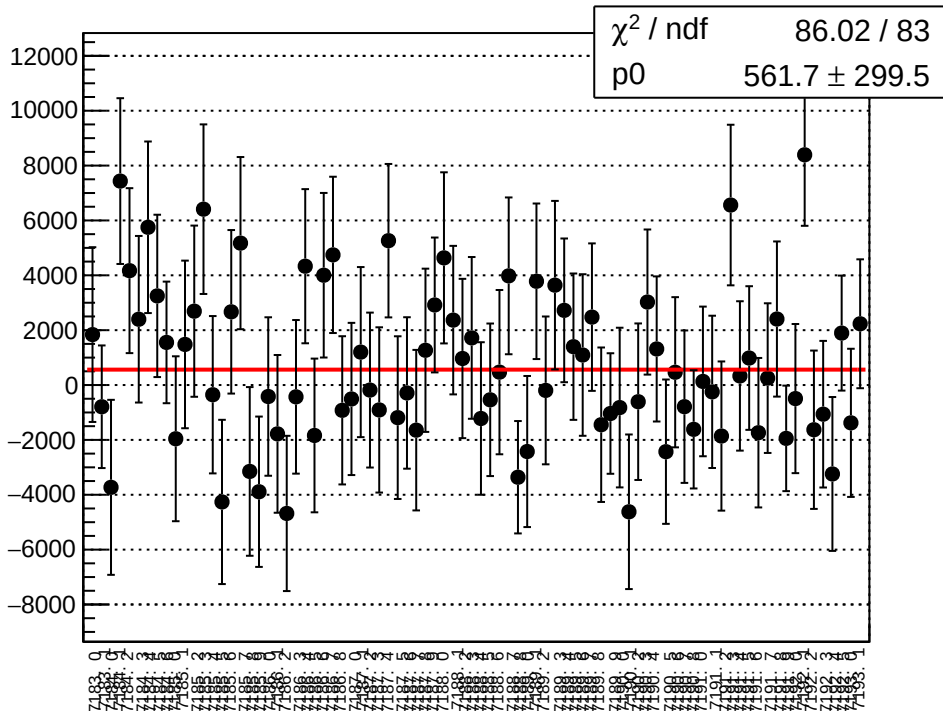
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53.47 ± 0.04204

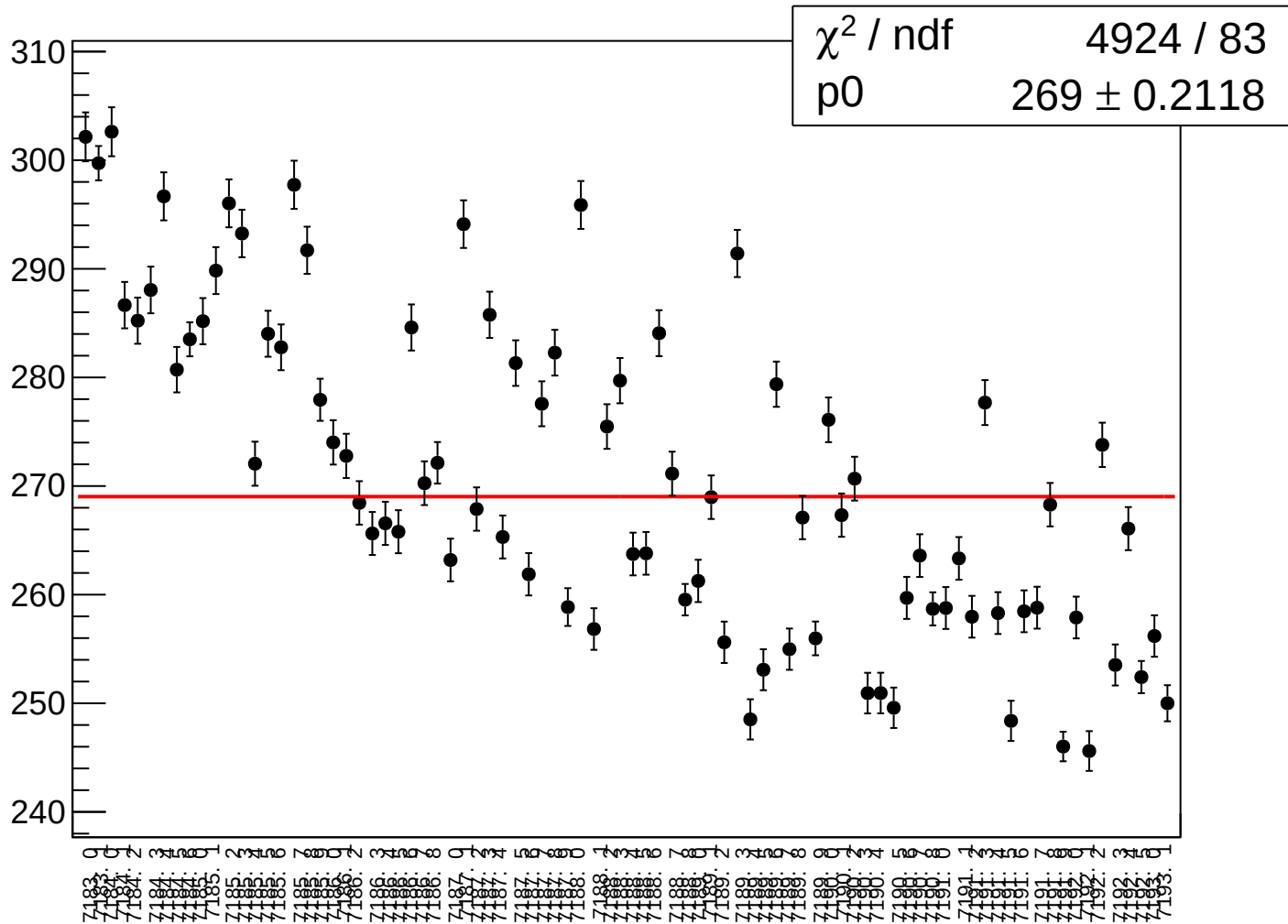


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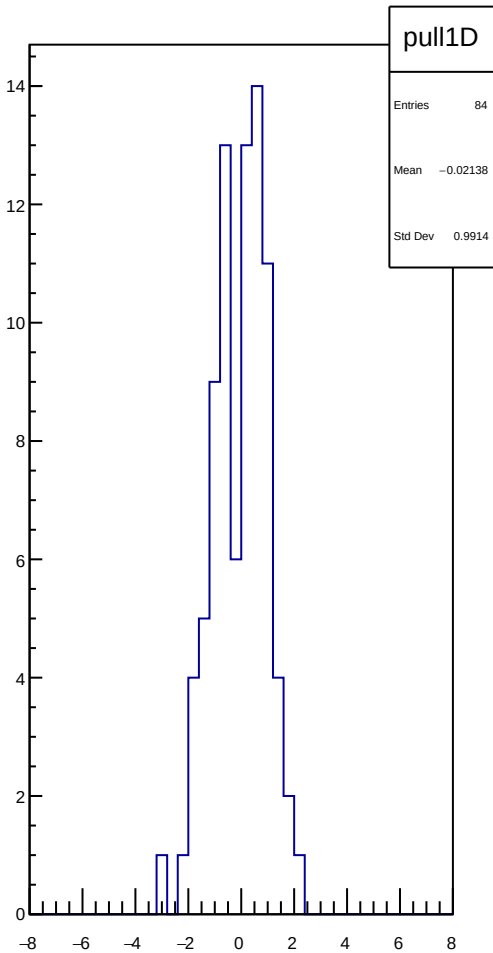
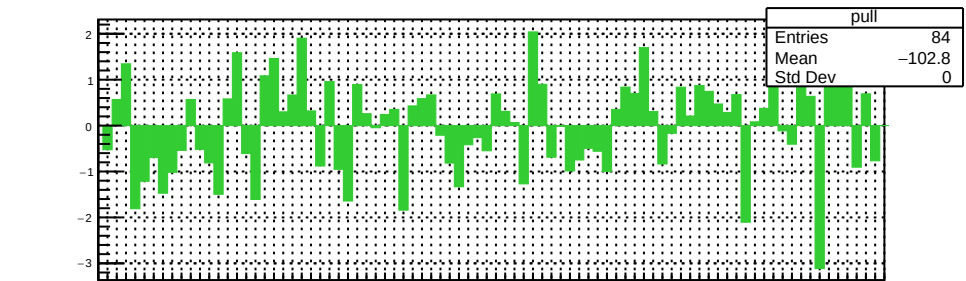
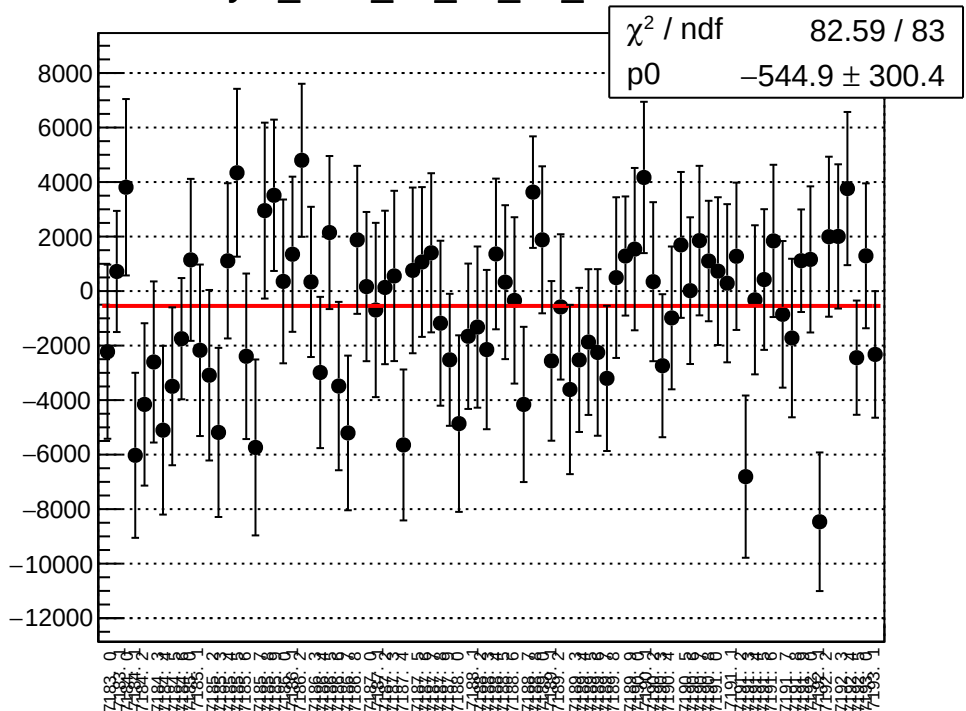
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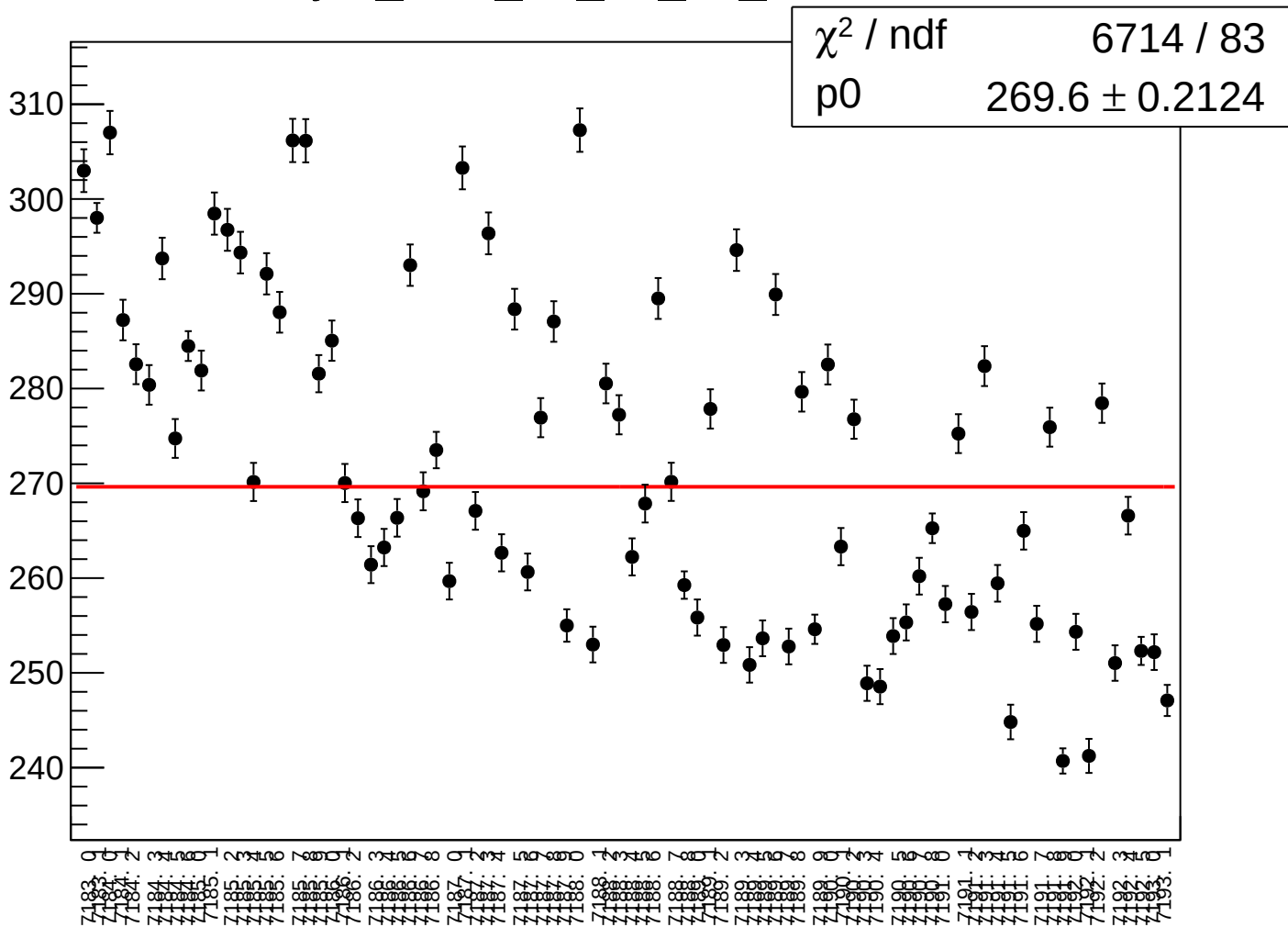
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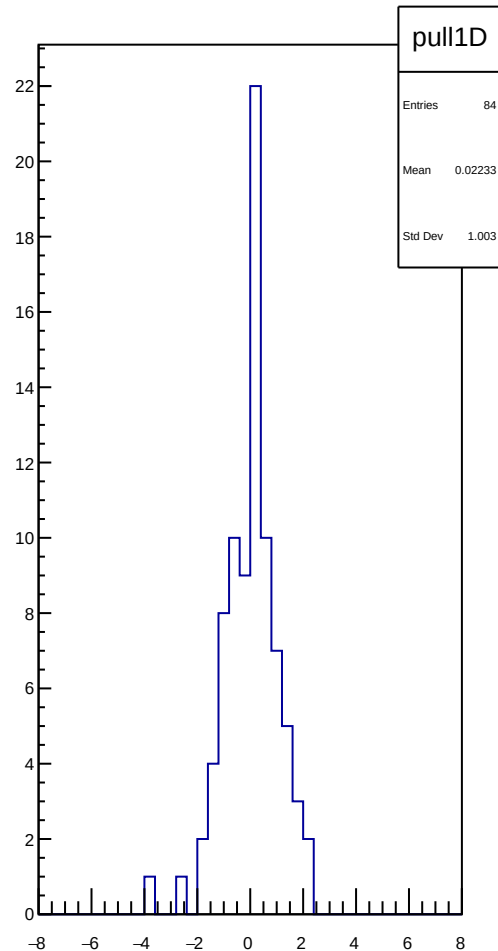
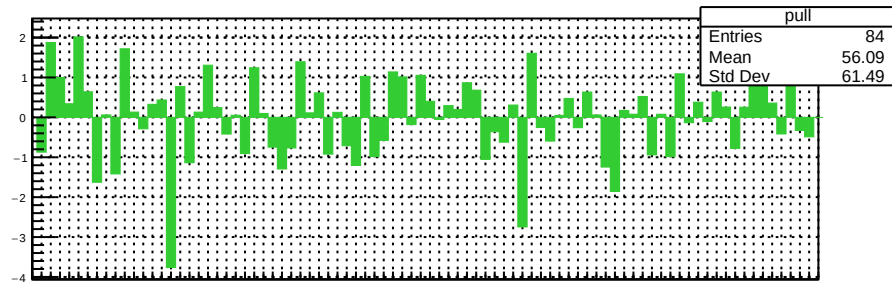
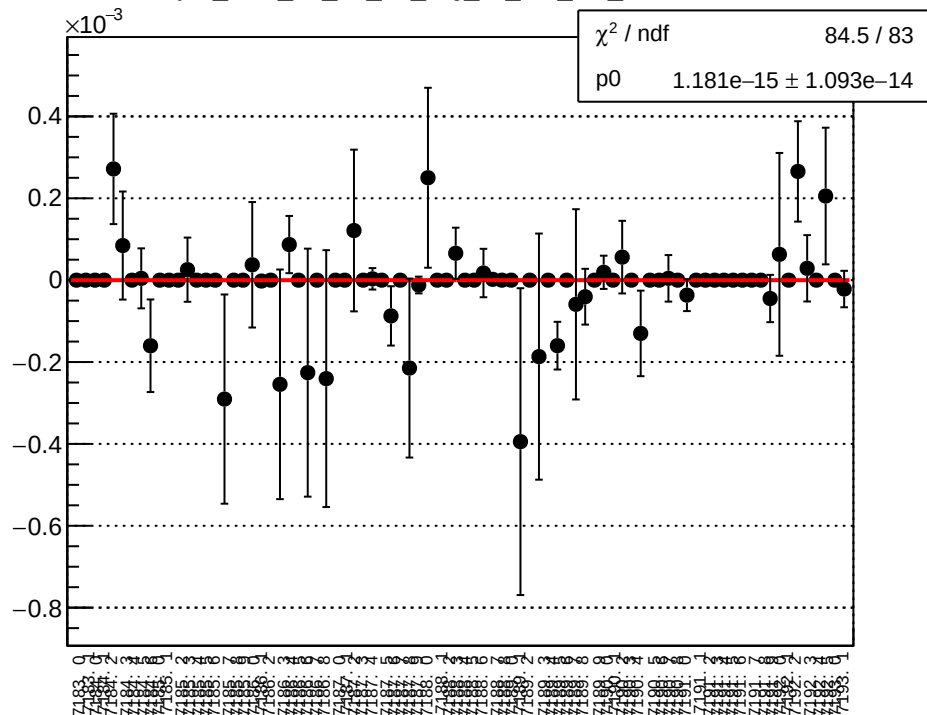
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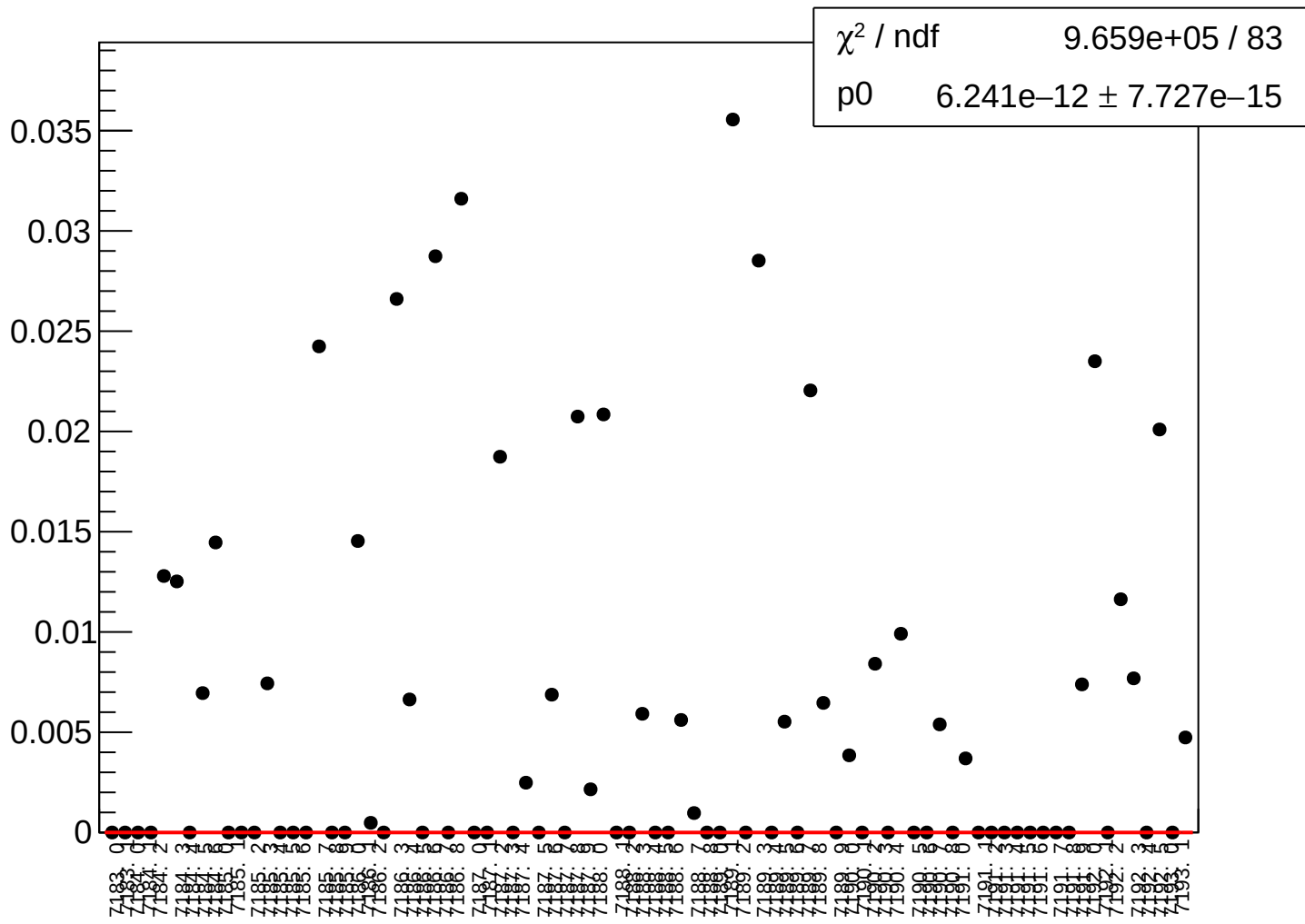
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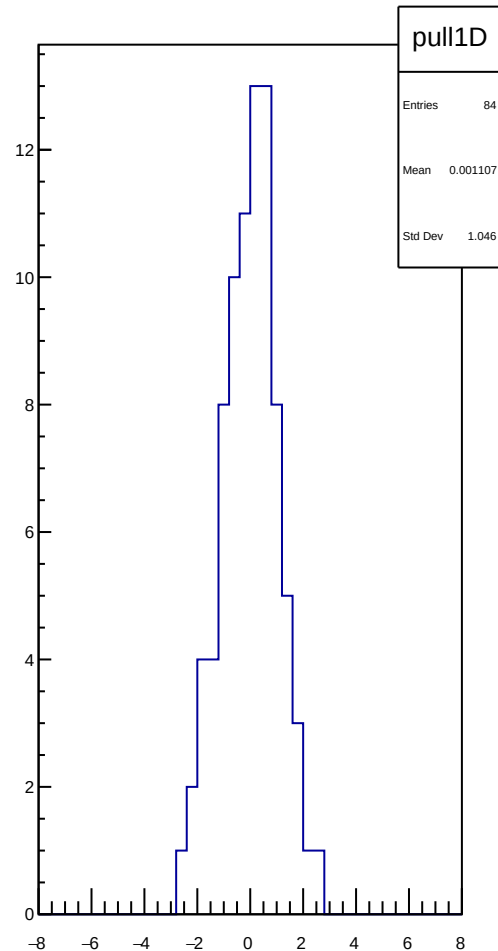
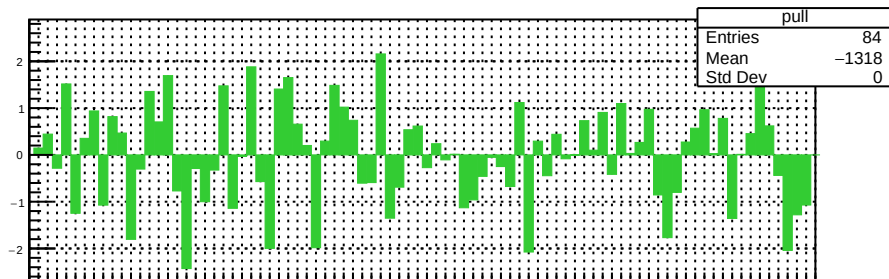
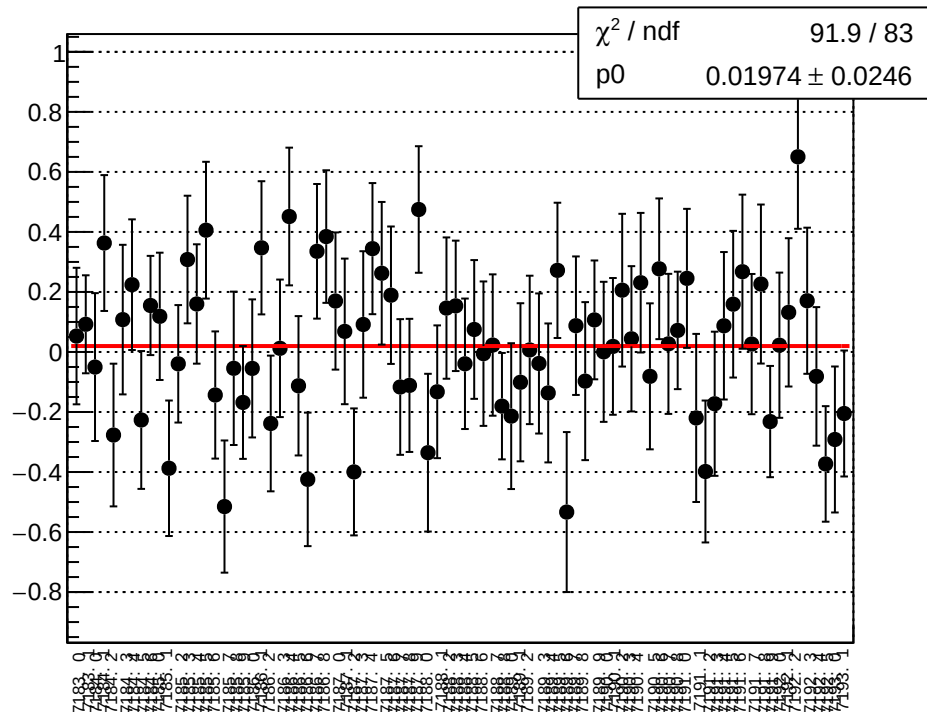
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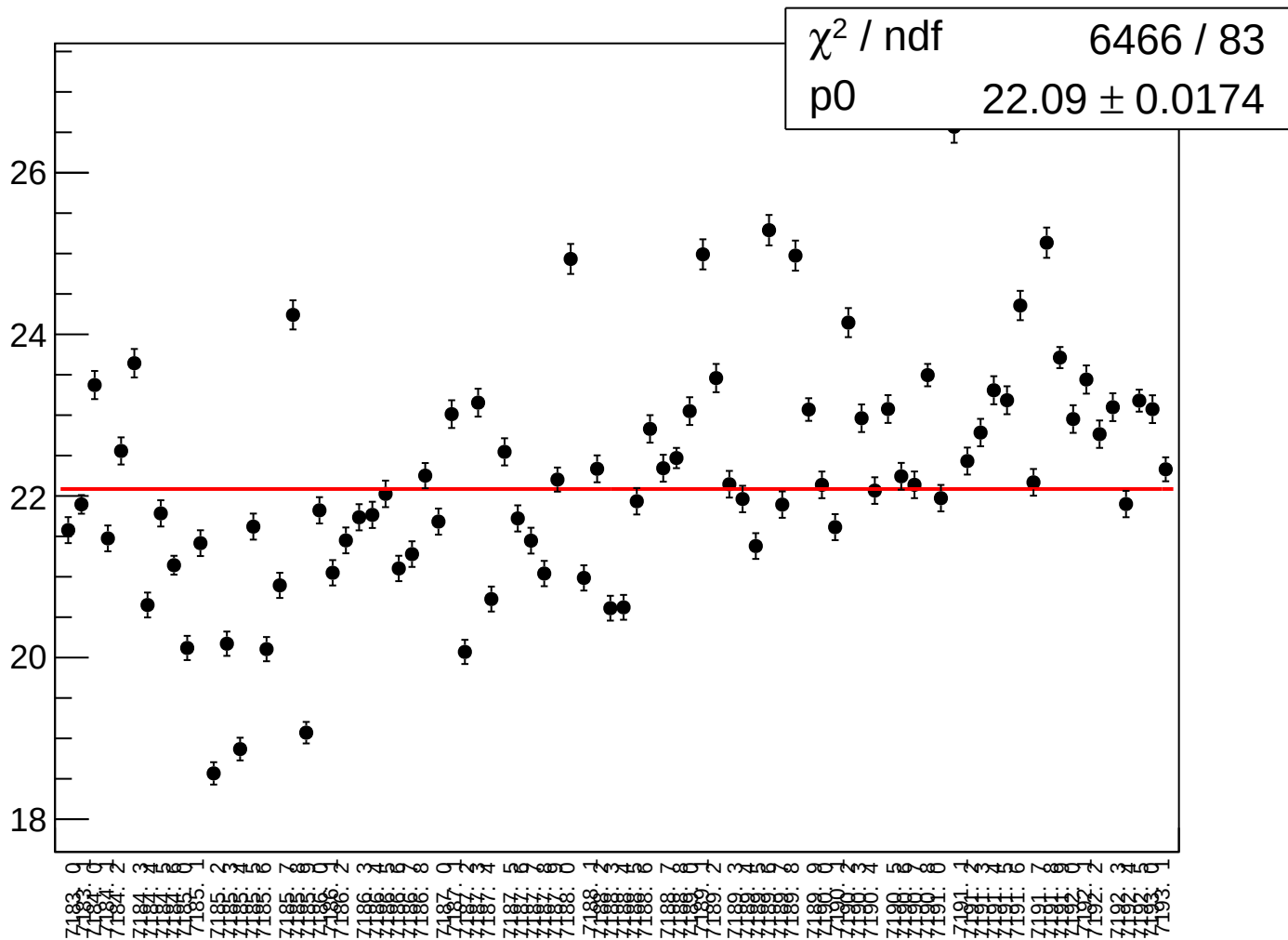
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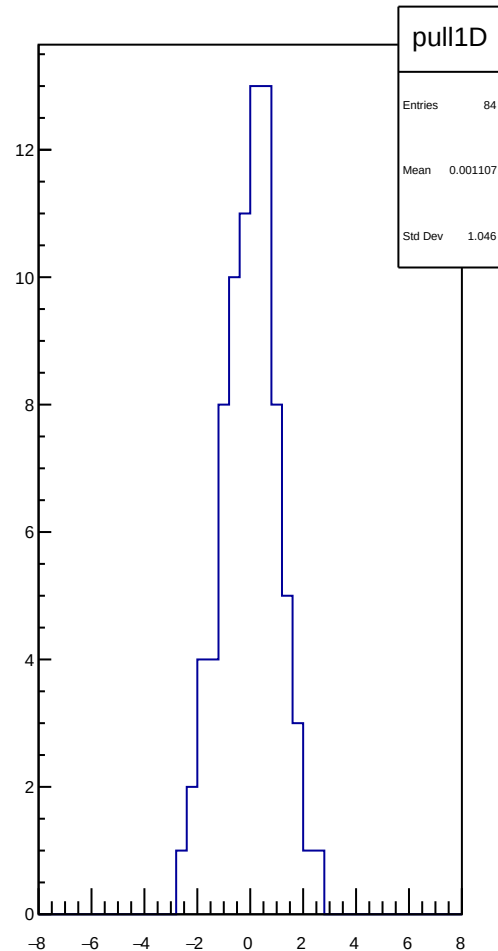
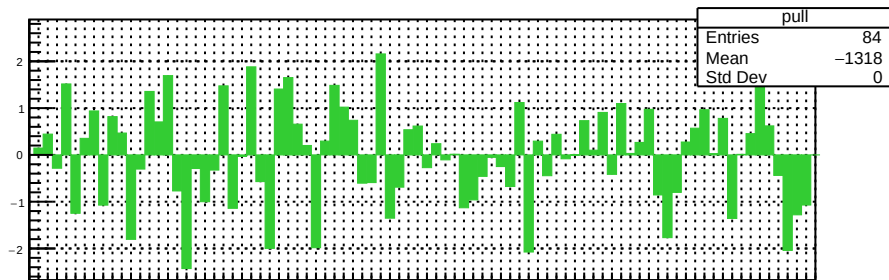
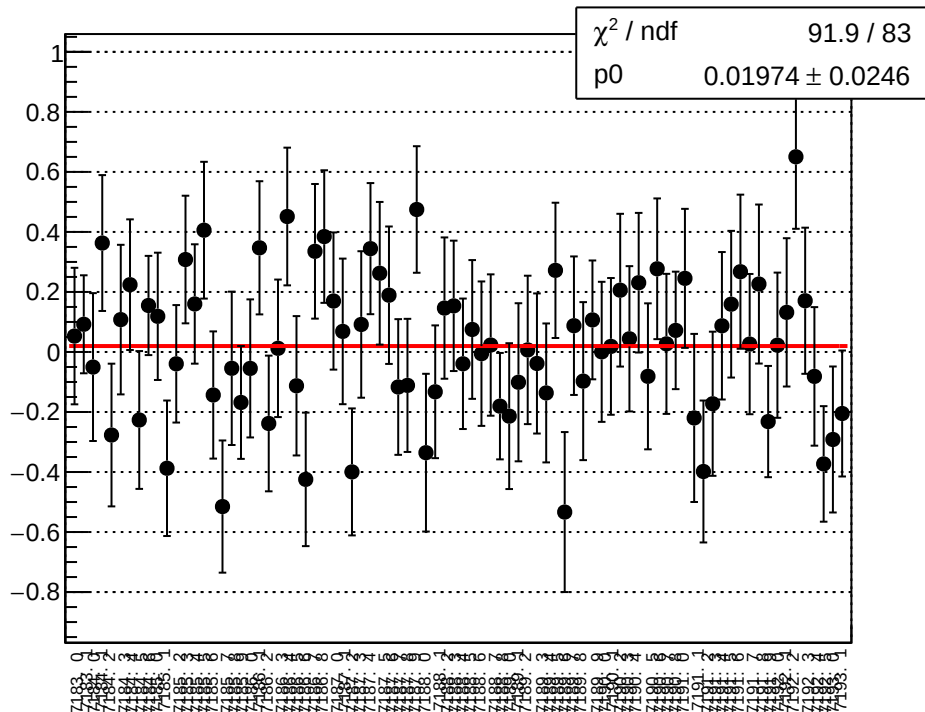
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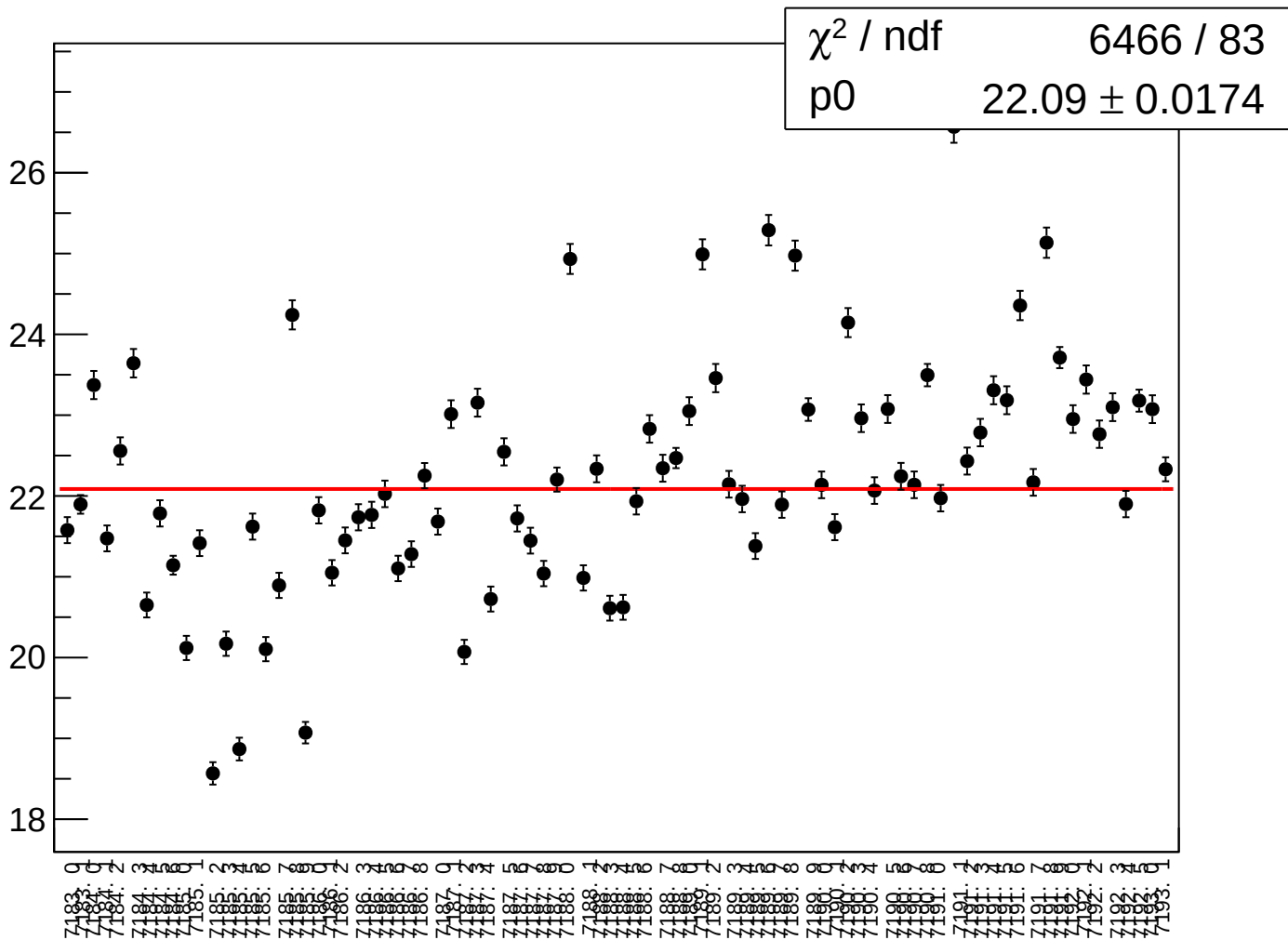
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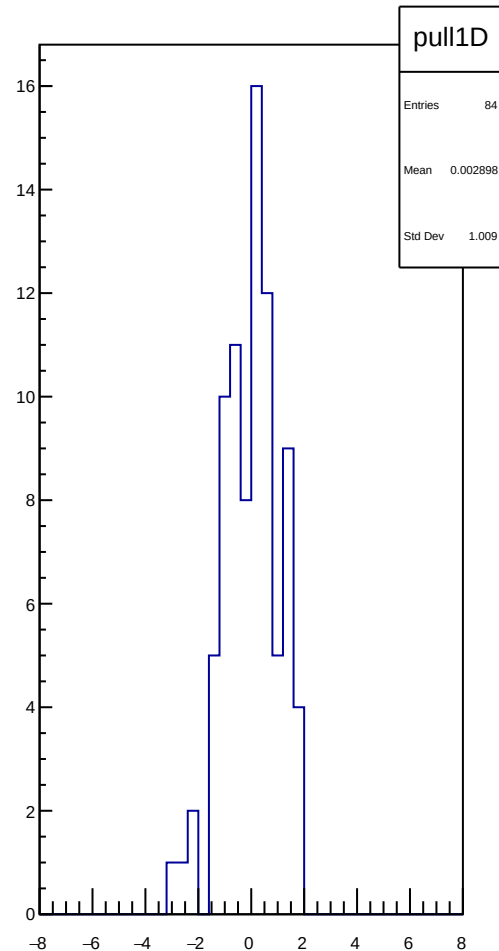
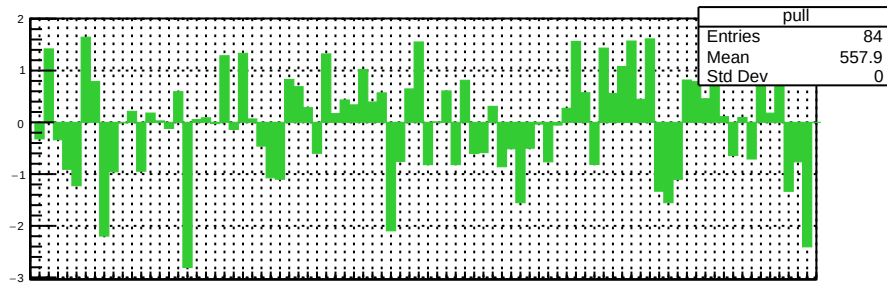
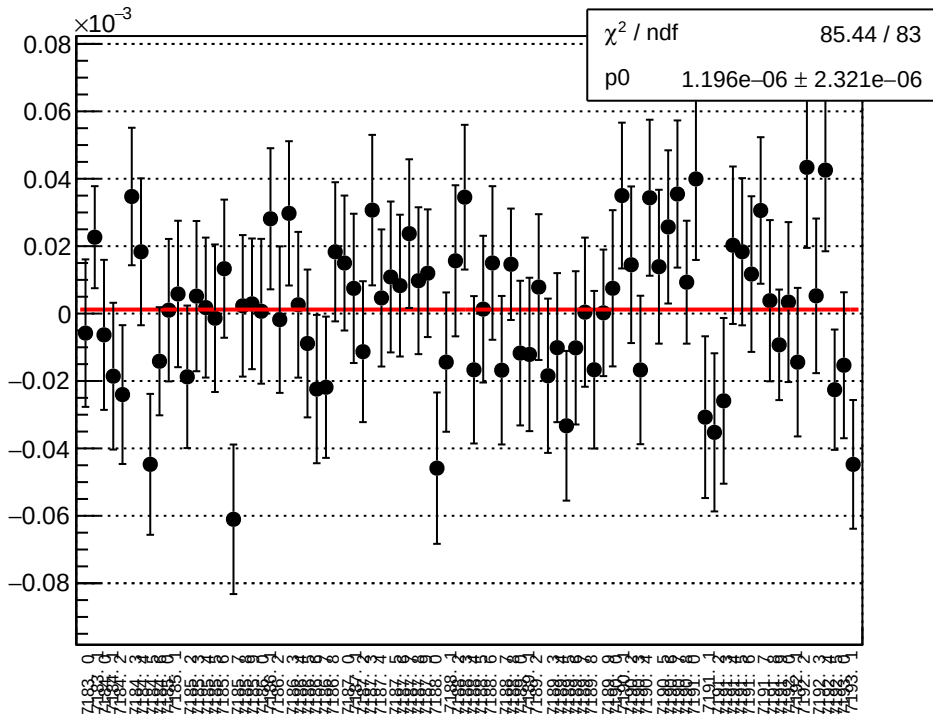
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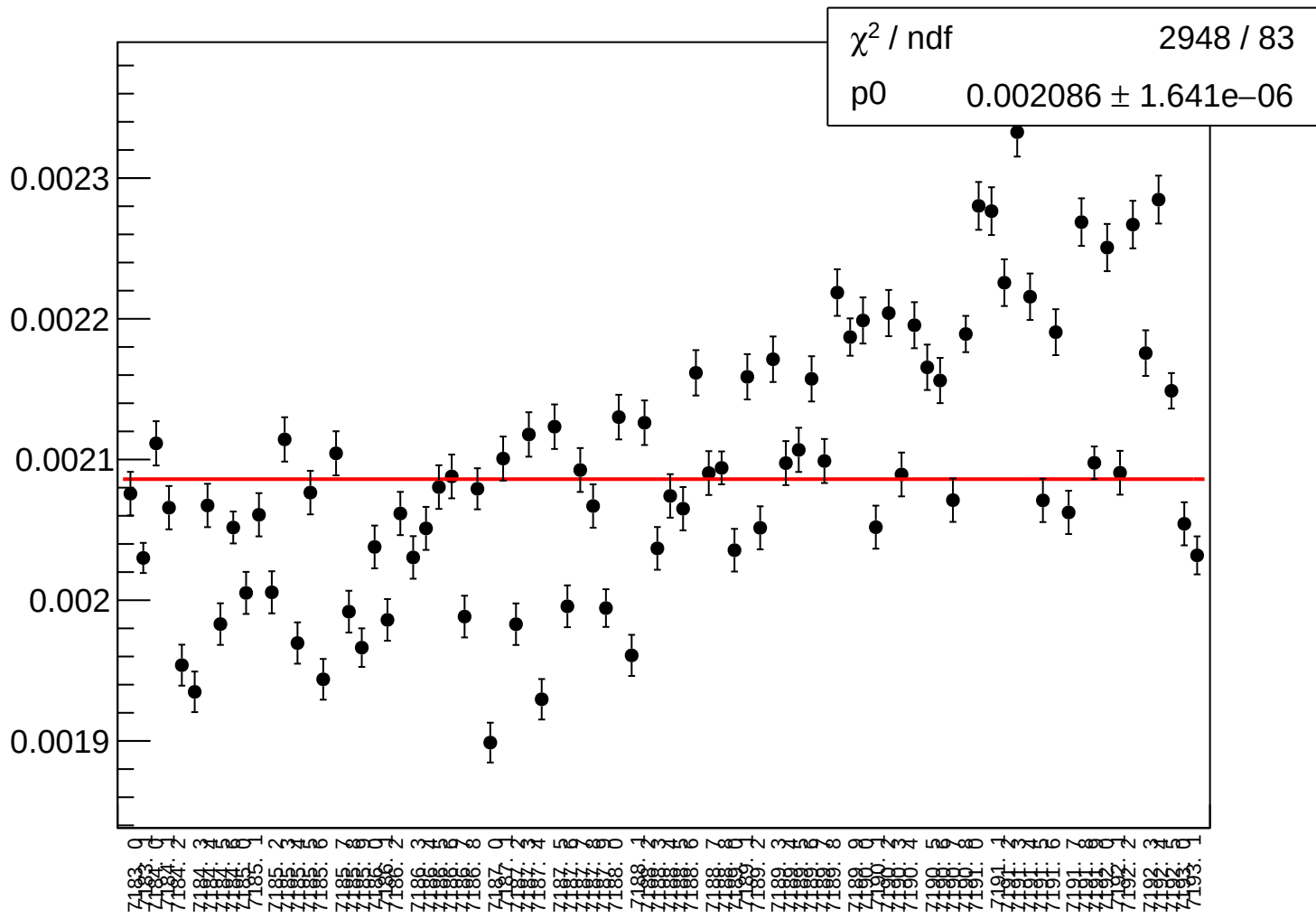
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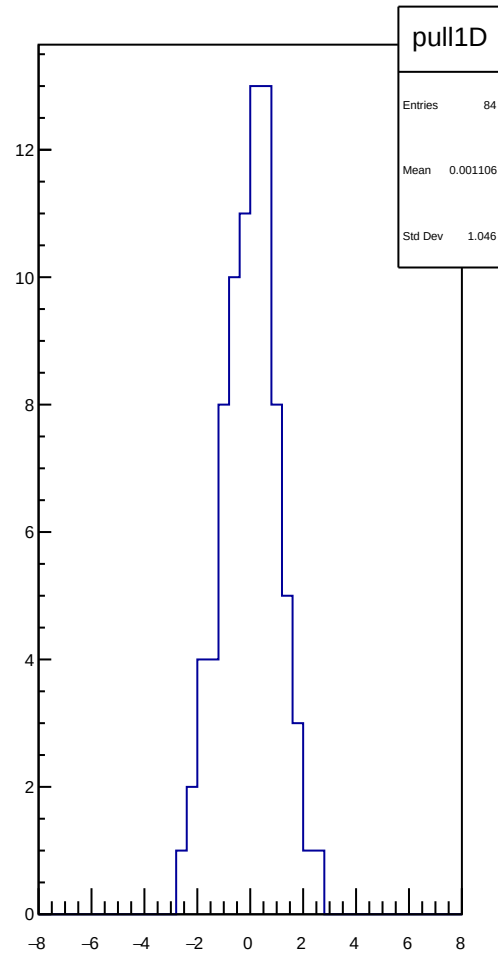
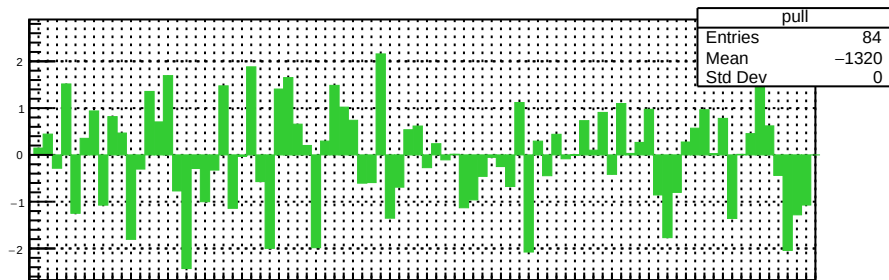
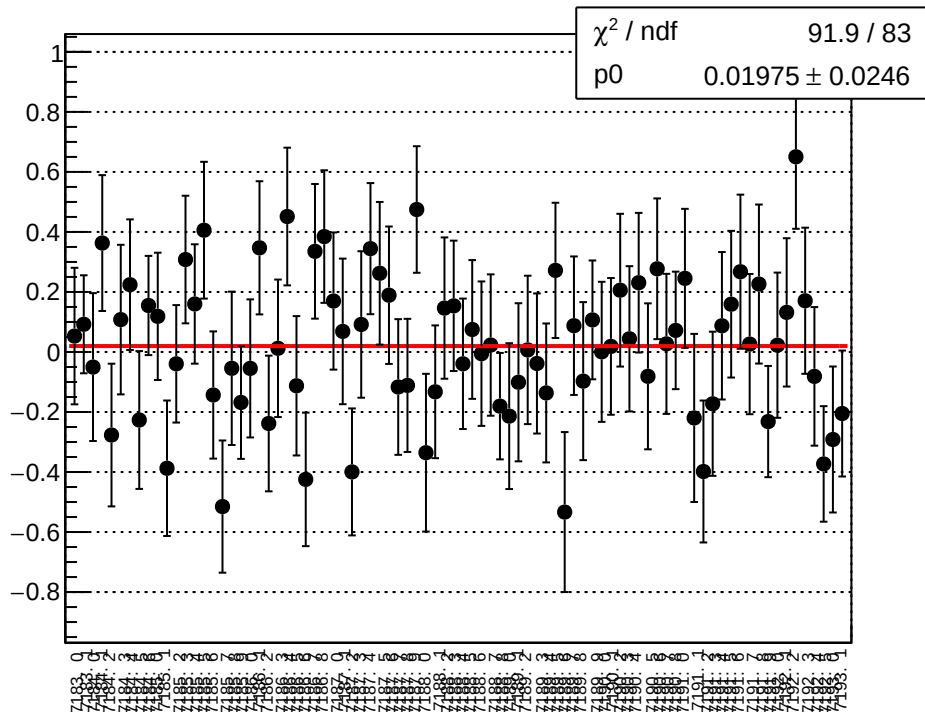
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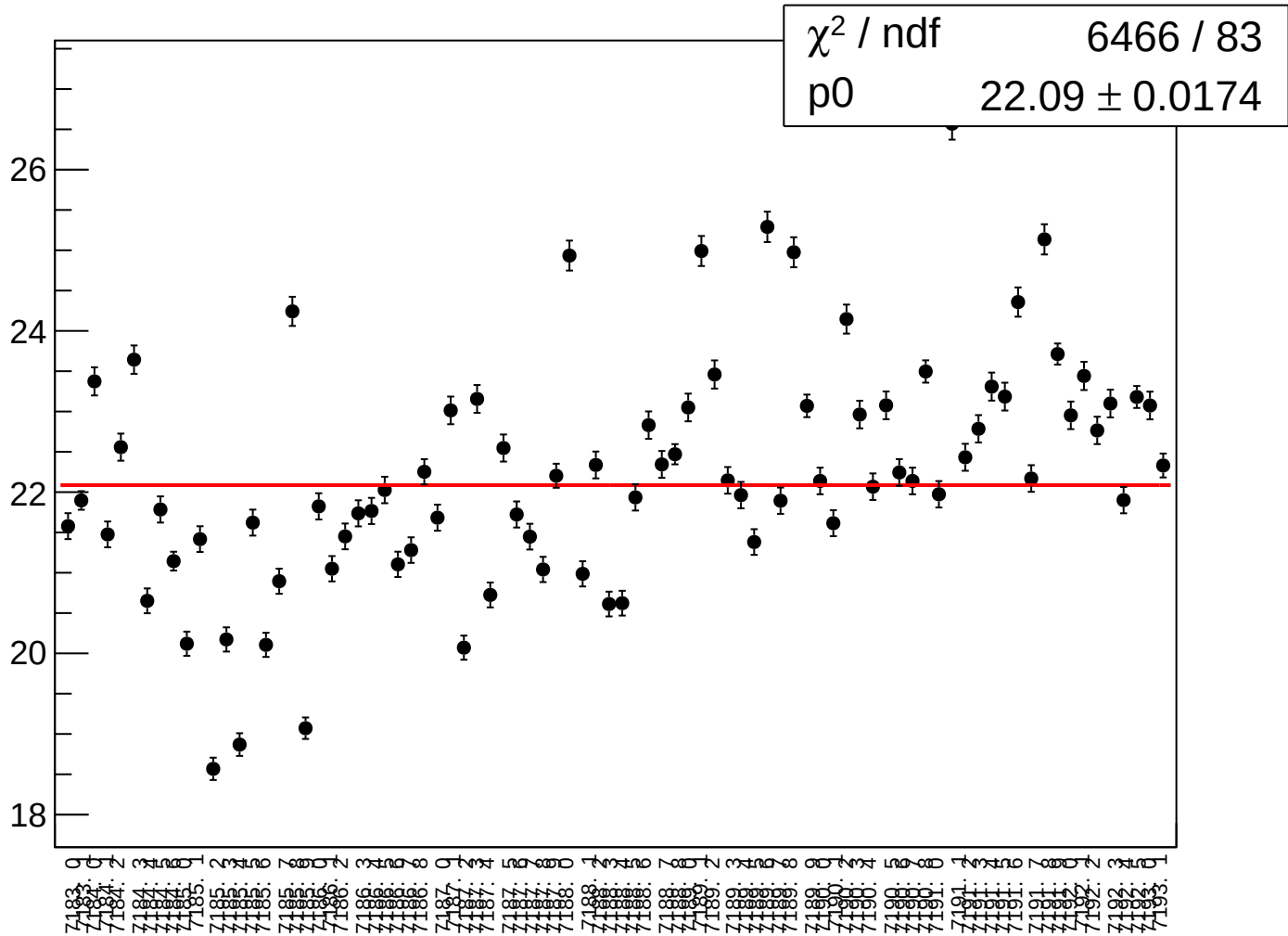
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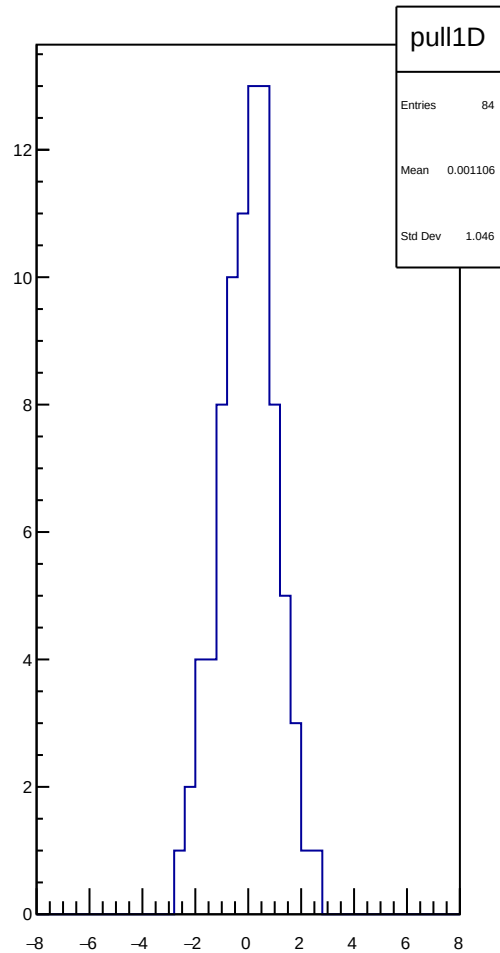
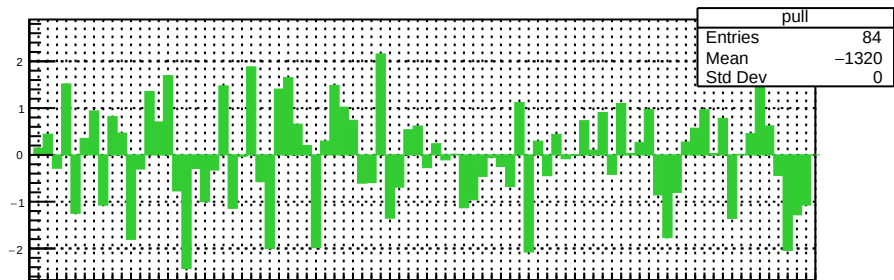
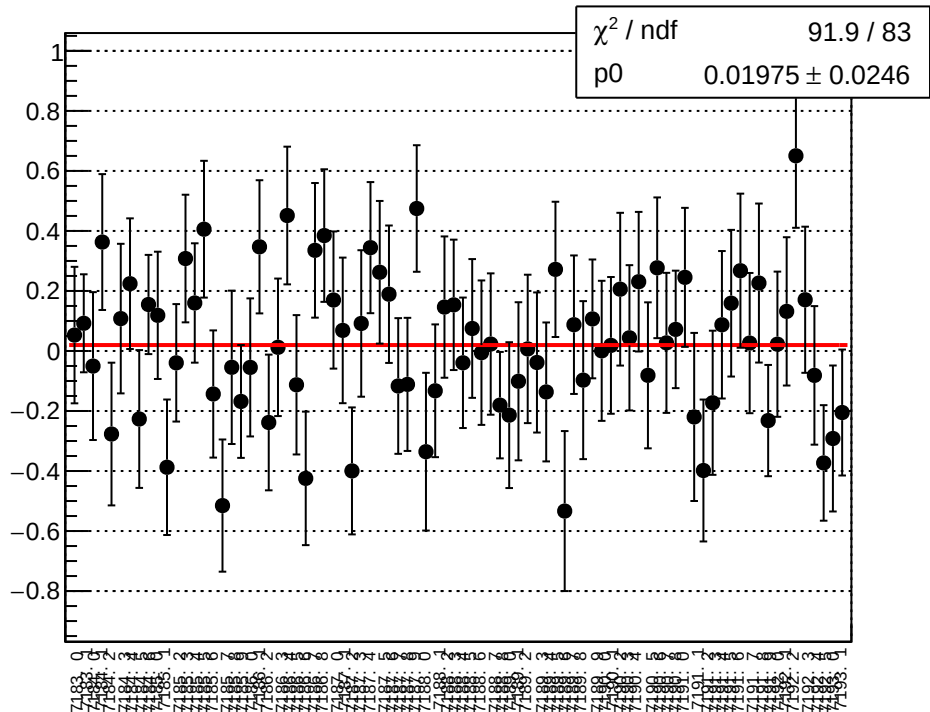
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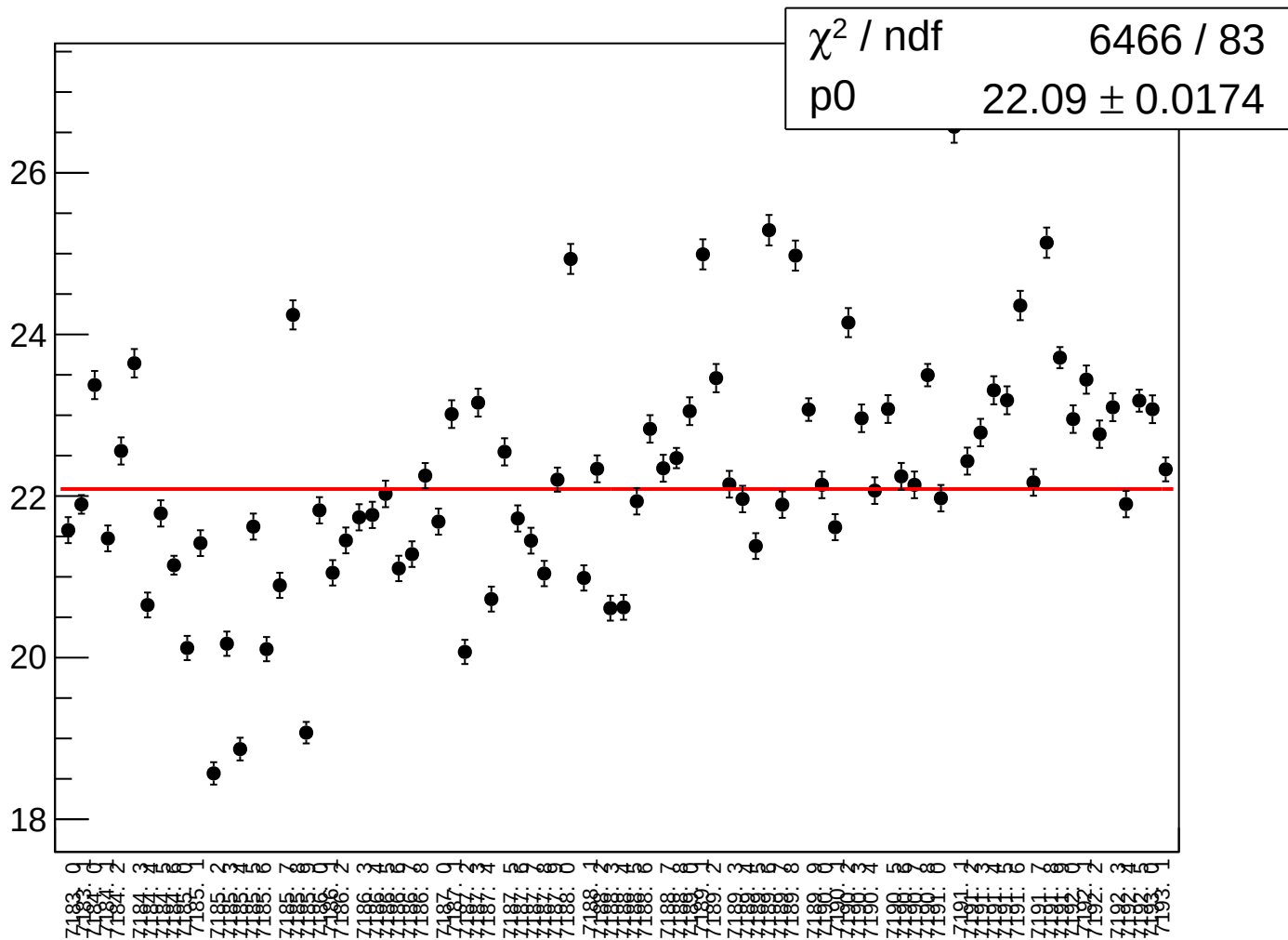
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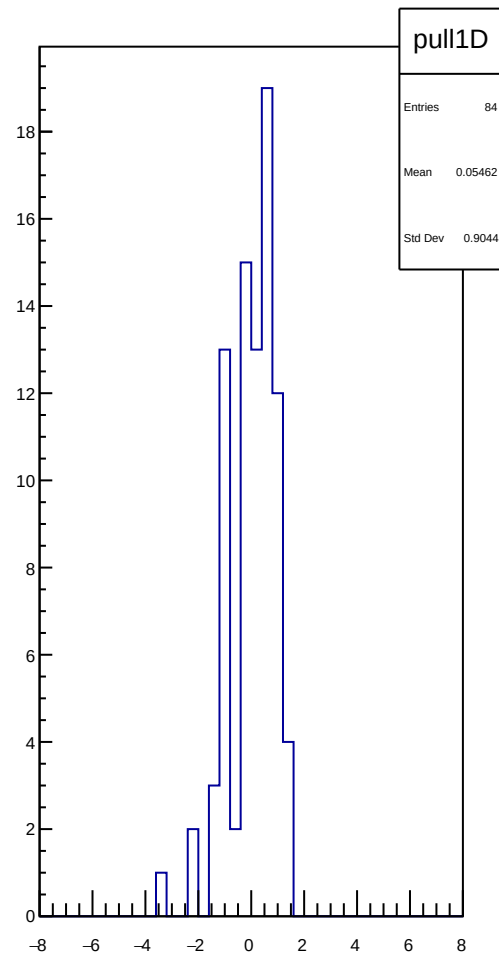
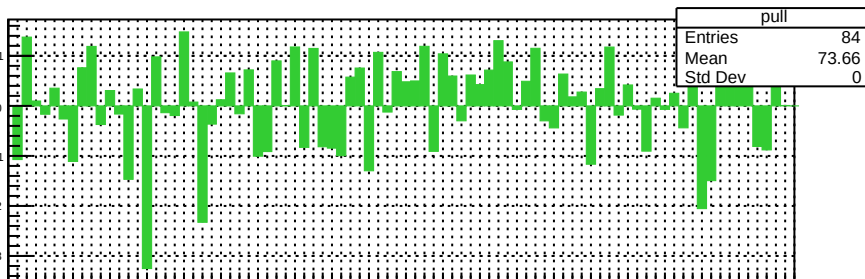
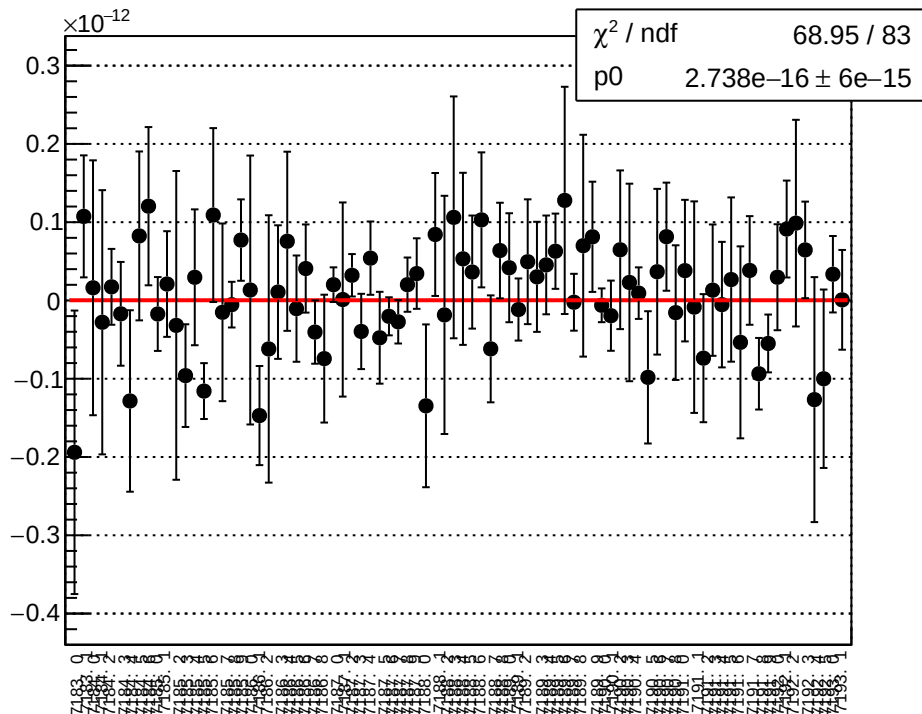
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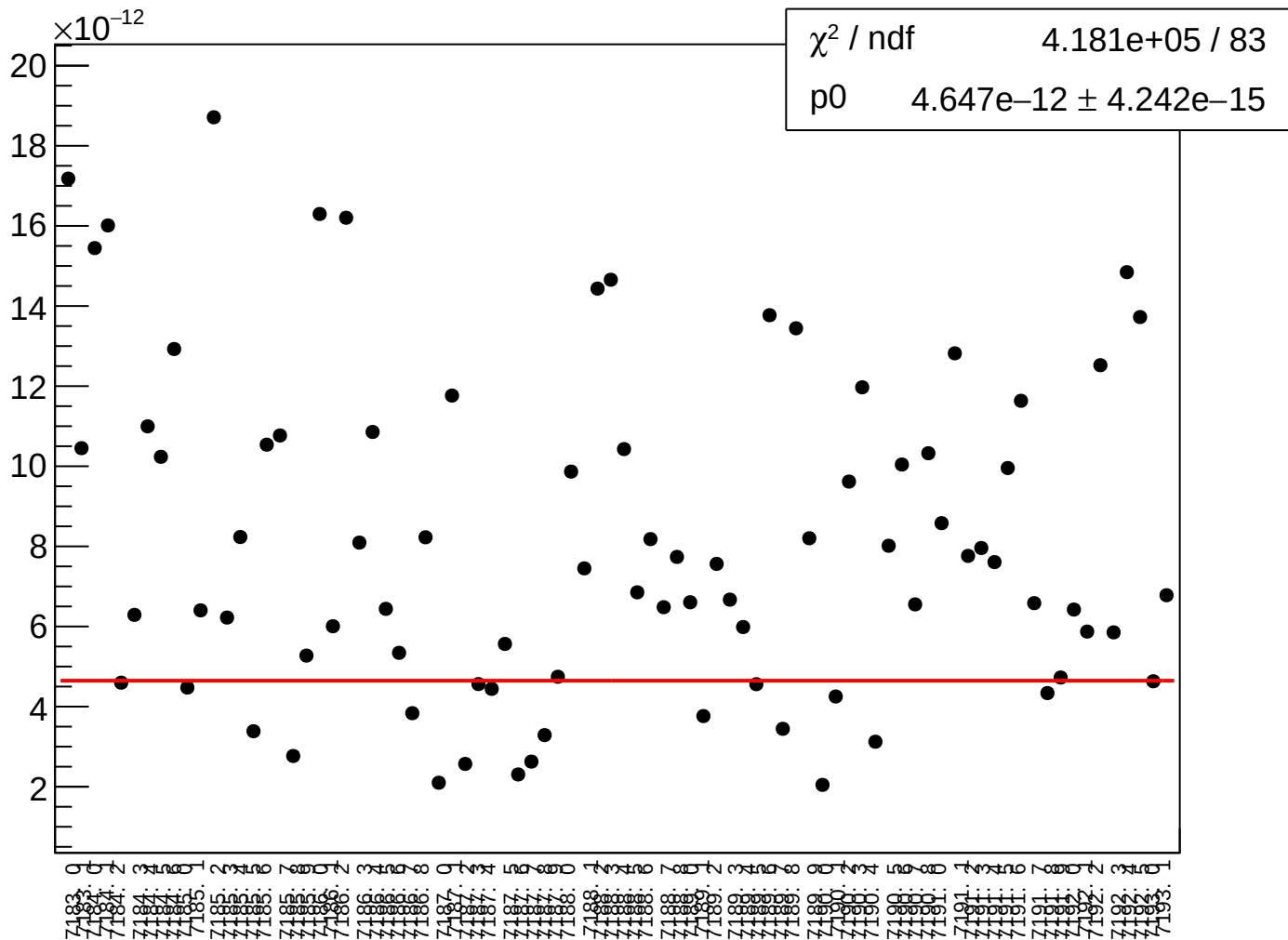
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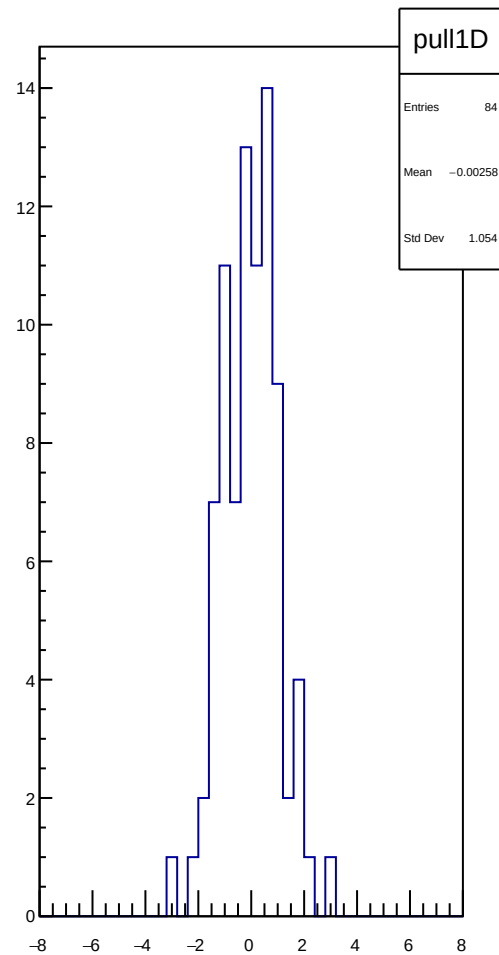
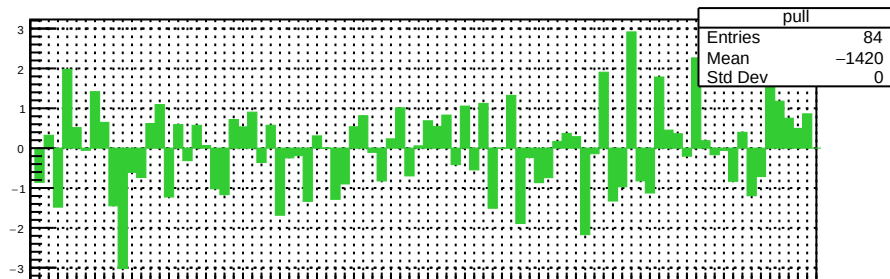
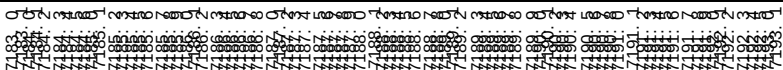
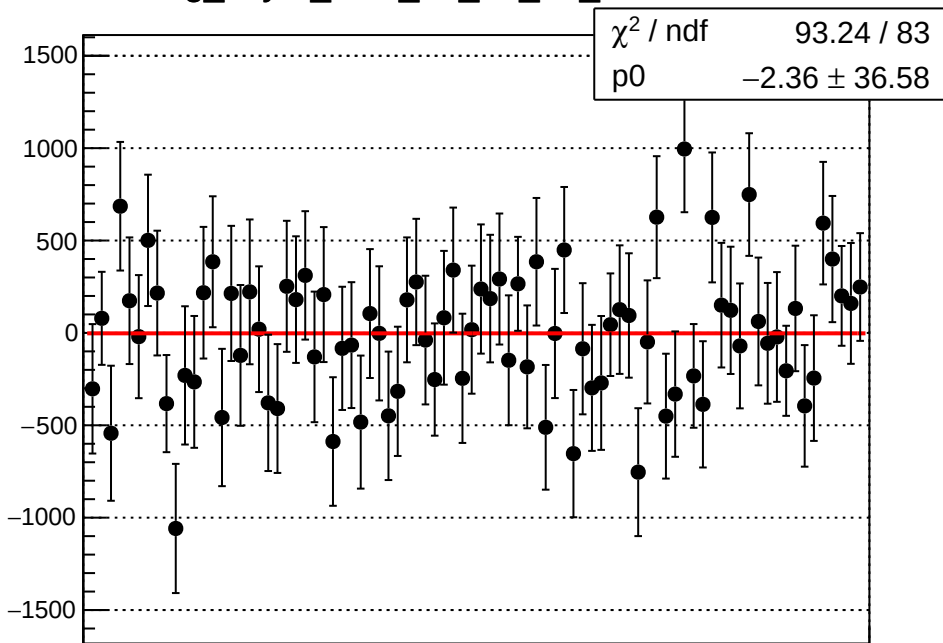
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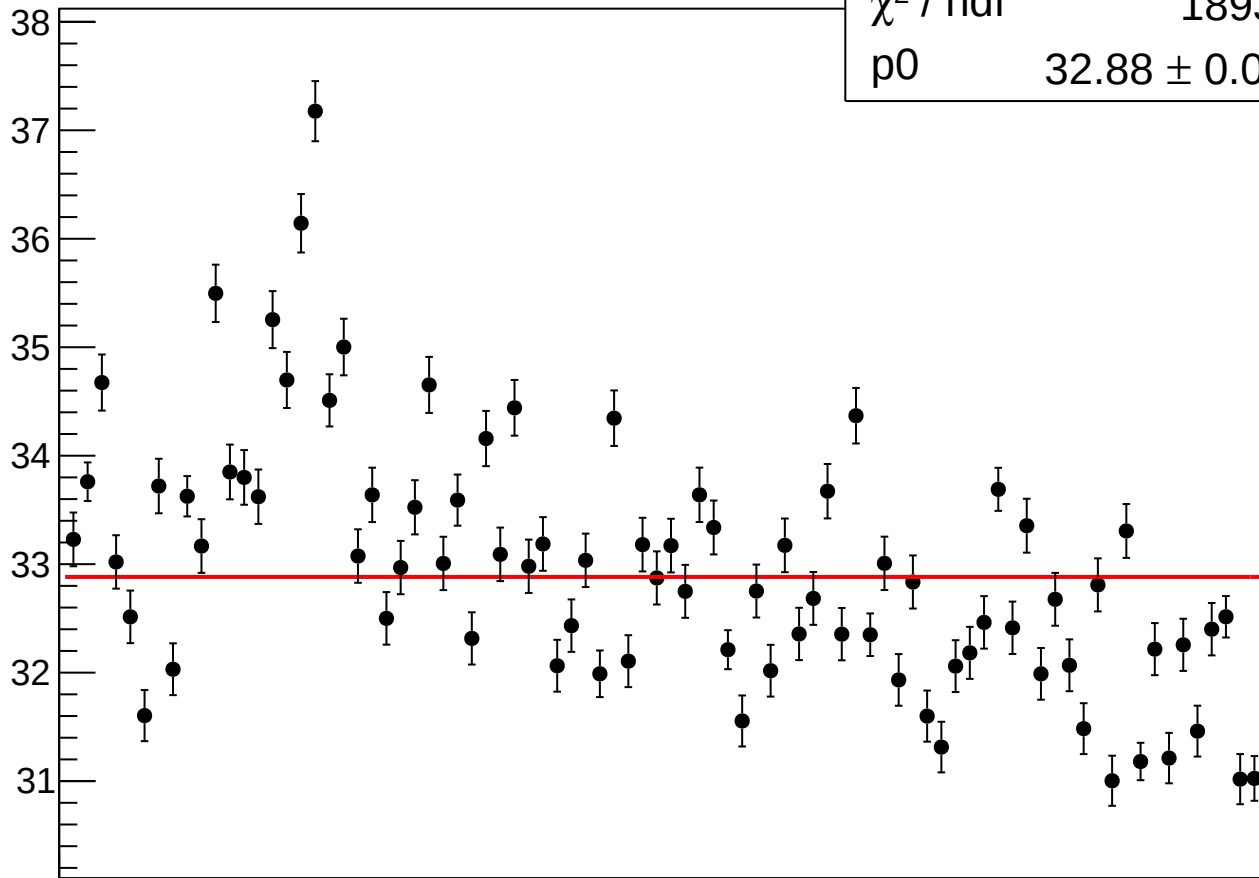
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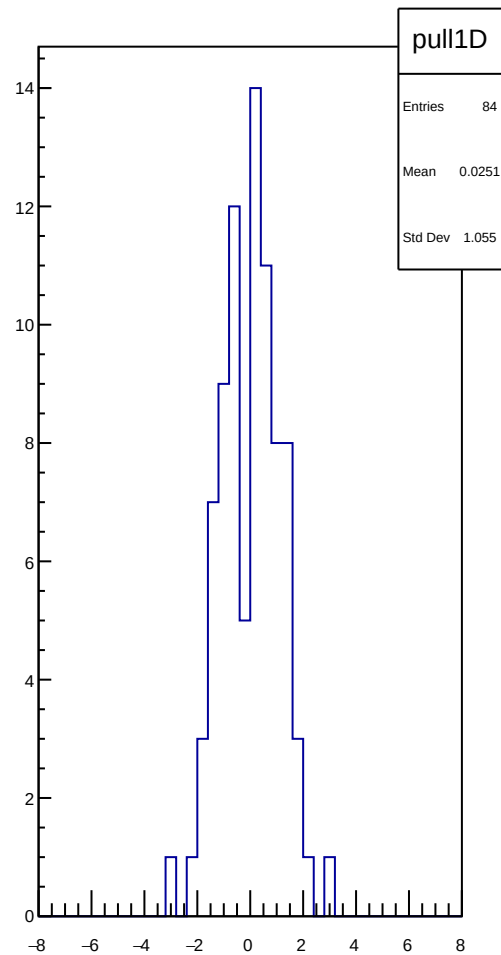
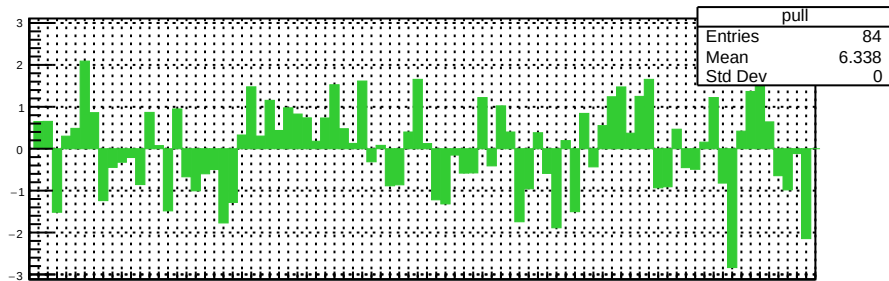
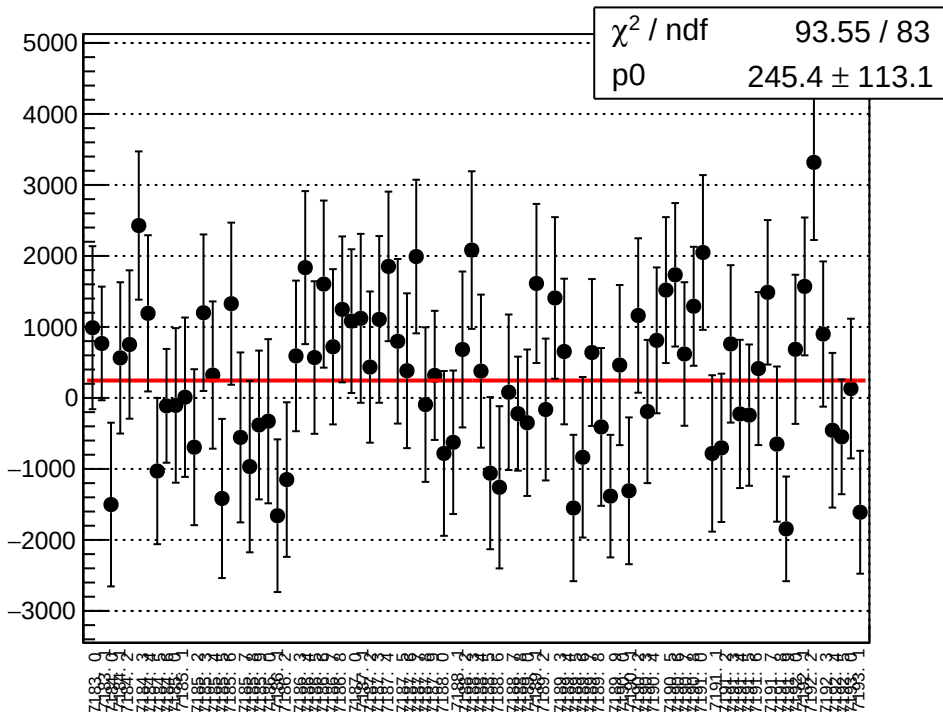
p0

32.88 ± 0.02586

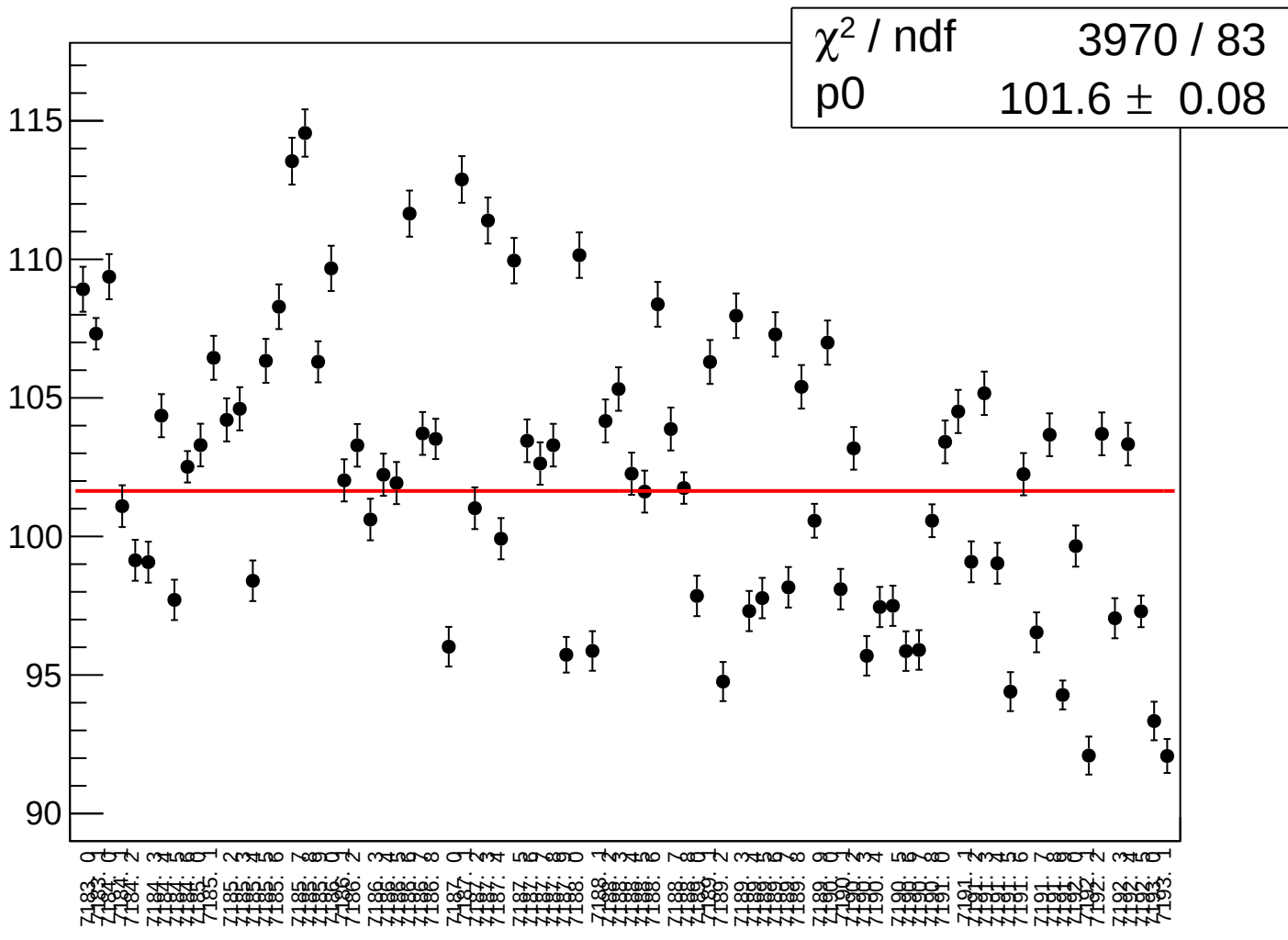


run 74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193 74194 74195 74196 74197 74198 74199 74200 74201 74202 74203 74204 74205 74206 74207 74208 74209 74210 74211 74212 74213 74214 74215 74216 74217 74218 74219 74220 74221 74222 74223 74224 74225 74226 74227 74228 74229 74230 74231 74232 74233 74234 74235 74236 74237 74238 74239 74240 74241 74242 74243 74244 74245 74246 74247 74248 74249 74250 74251 74252 74253 74254 74255 74256

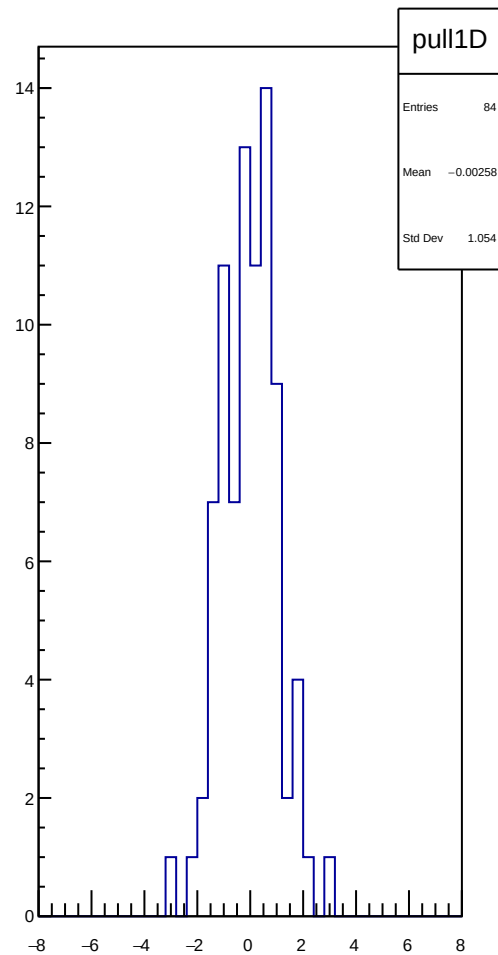
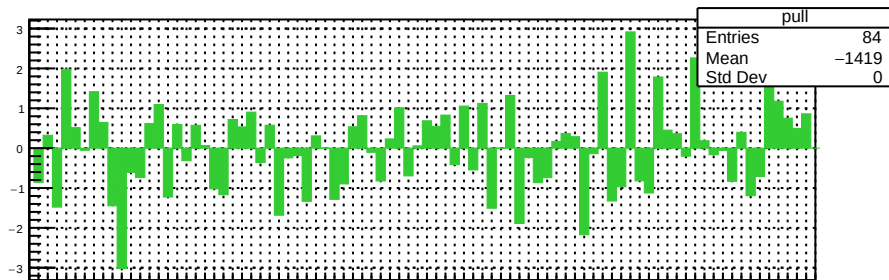
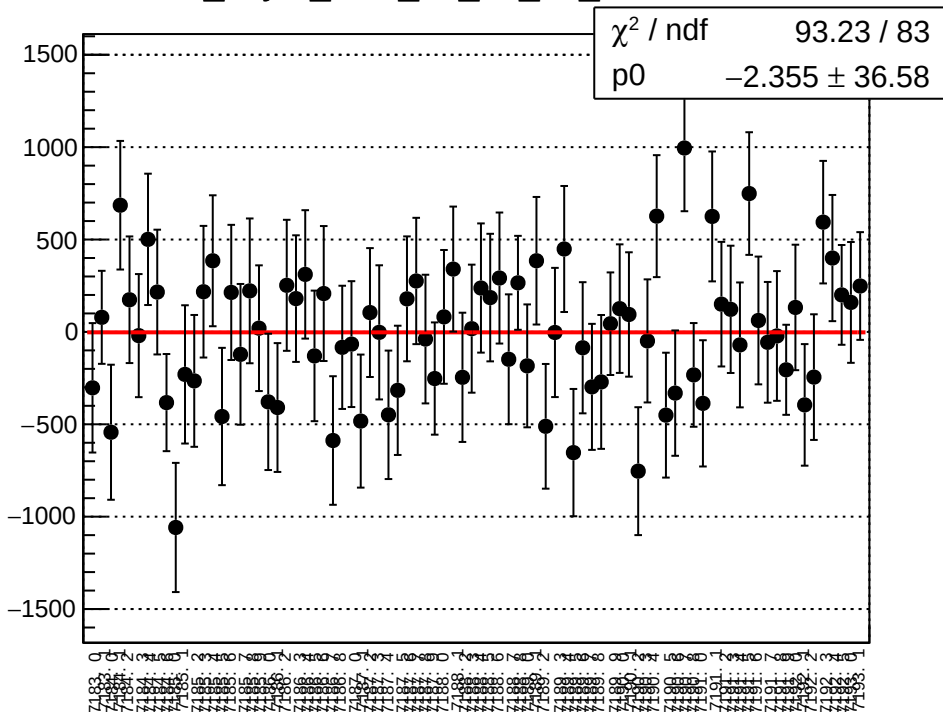
asym_sam_37_26_dd_reg_correction_mean vs run



asym_sam_37_26_dd_reg_correction_rms vs run



cor_asym_sam_37_26_dd_mean vs run



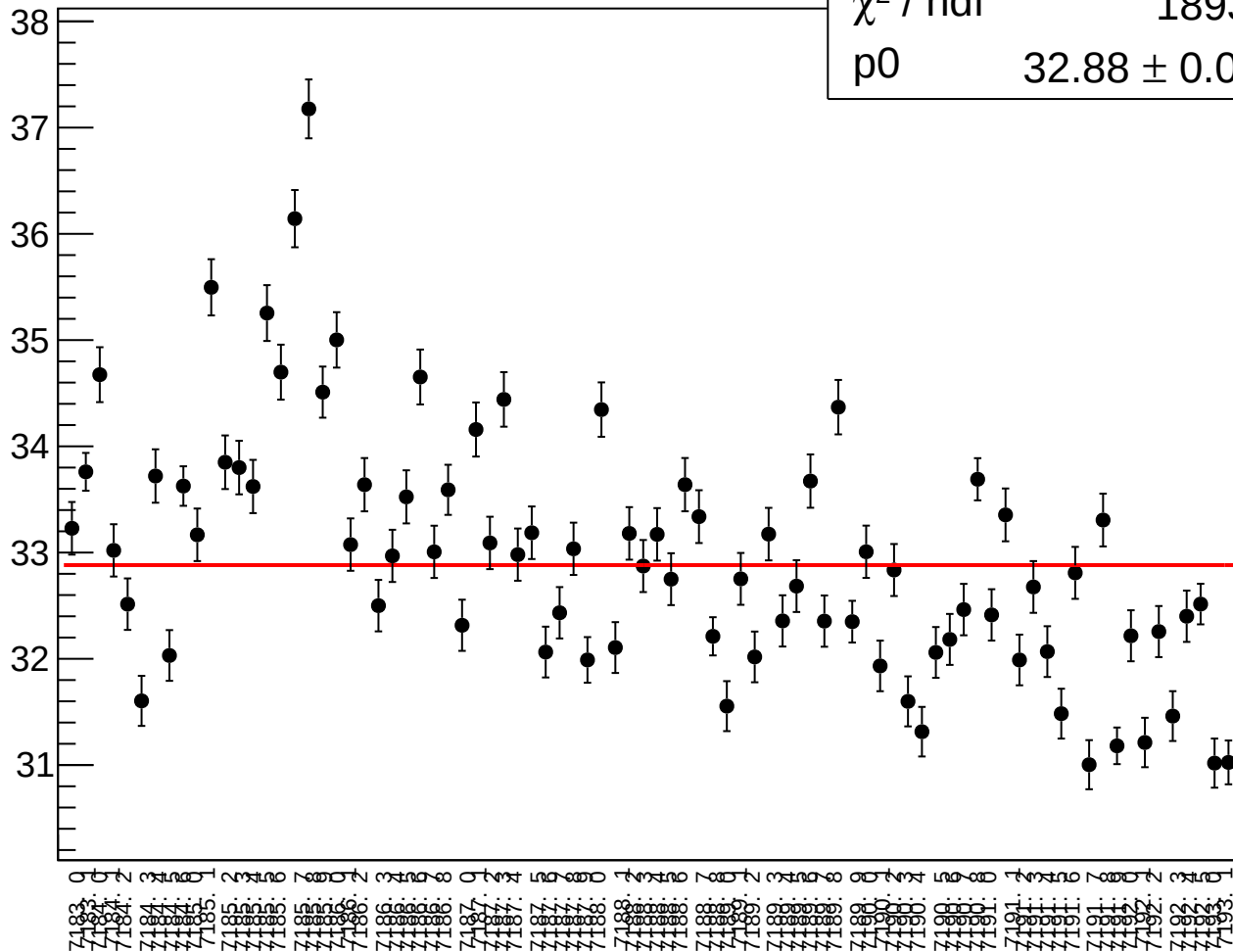
cor_asym_sam_37_26_dd_rms vs run

χ^2 / ndf

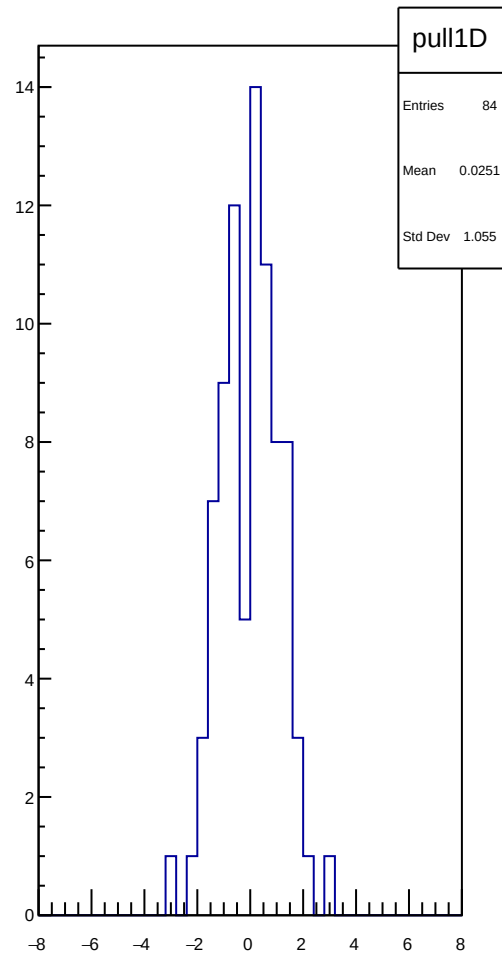
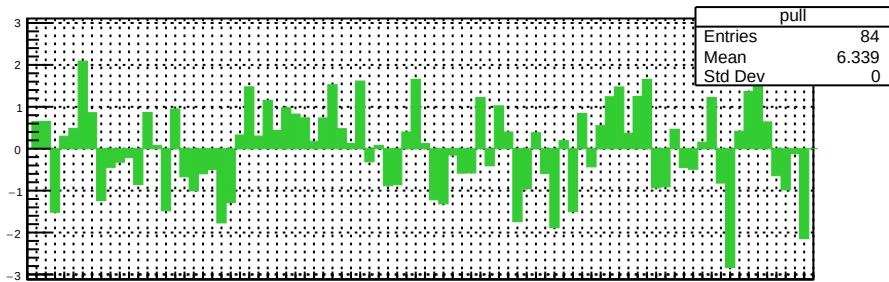
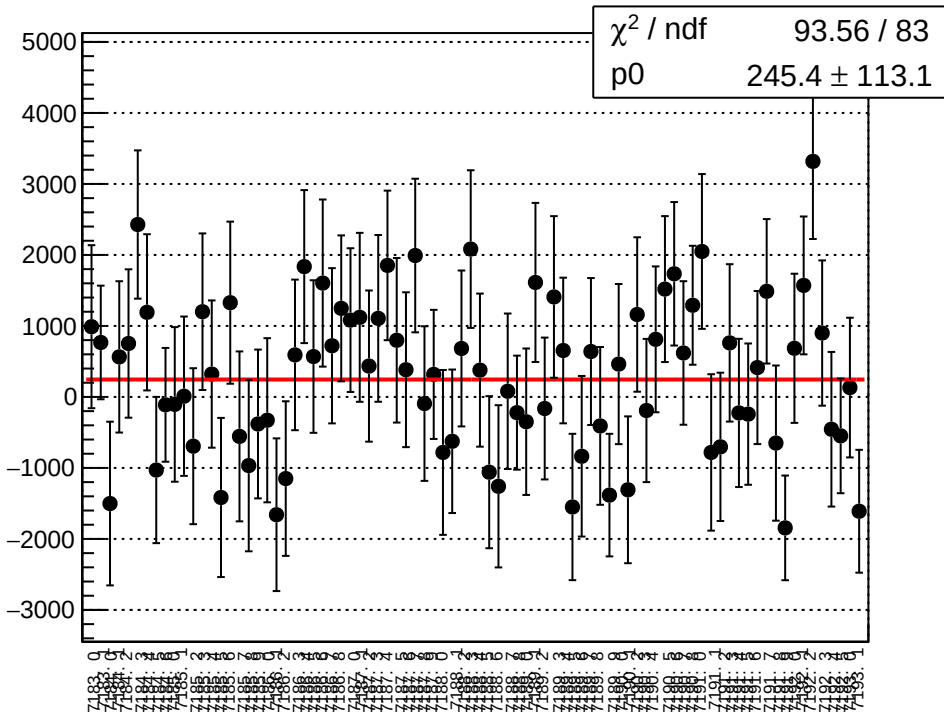
1893 / 83

p0

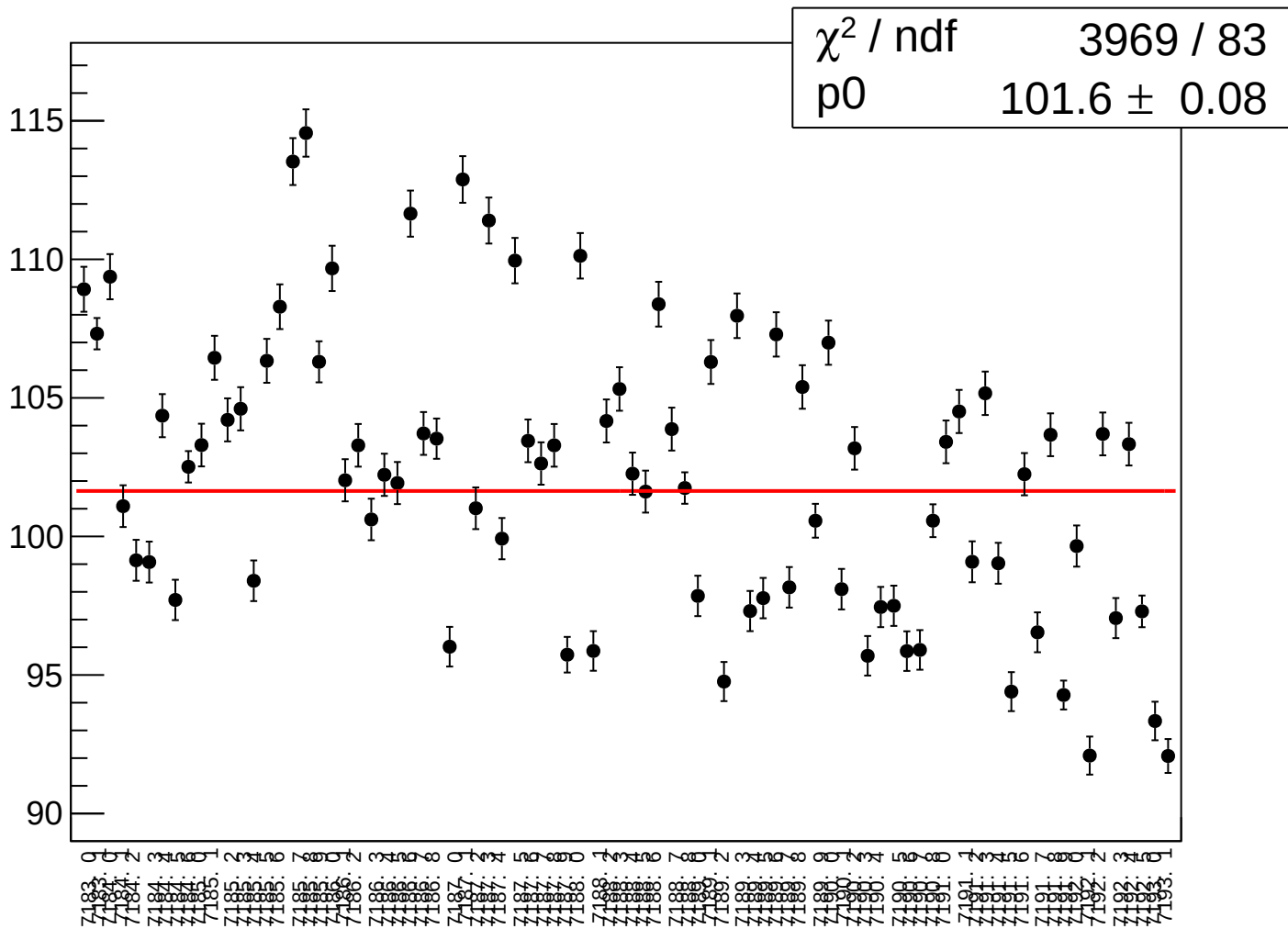
32.88 ± 0.02586



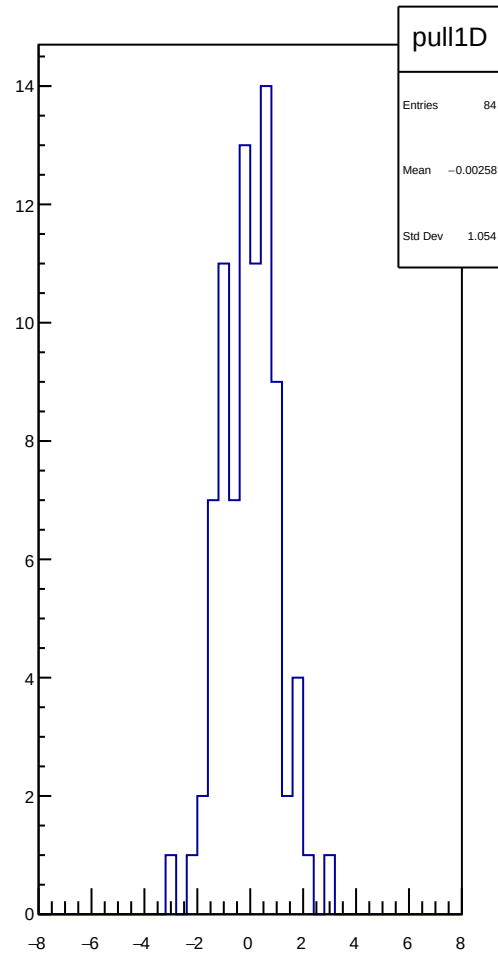
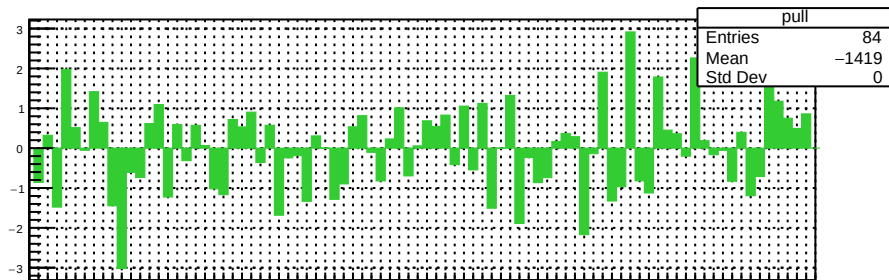
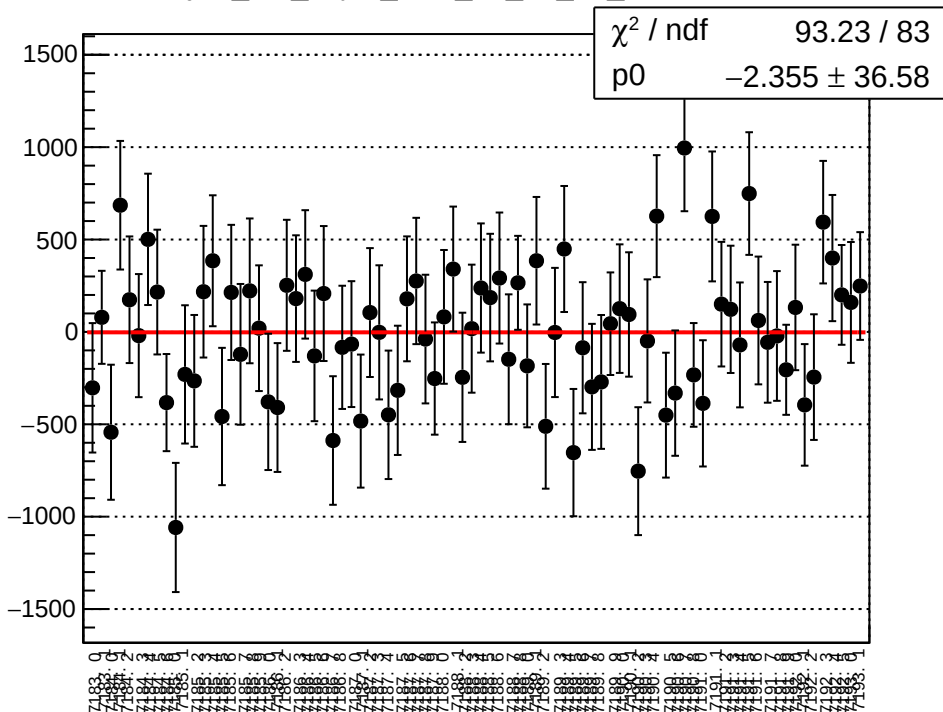
asym_sam_37_26_dd_cor_correction_mean vs run



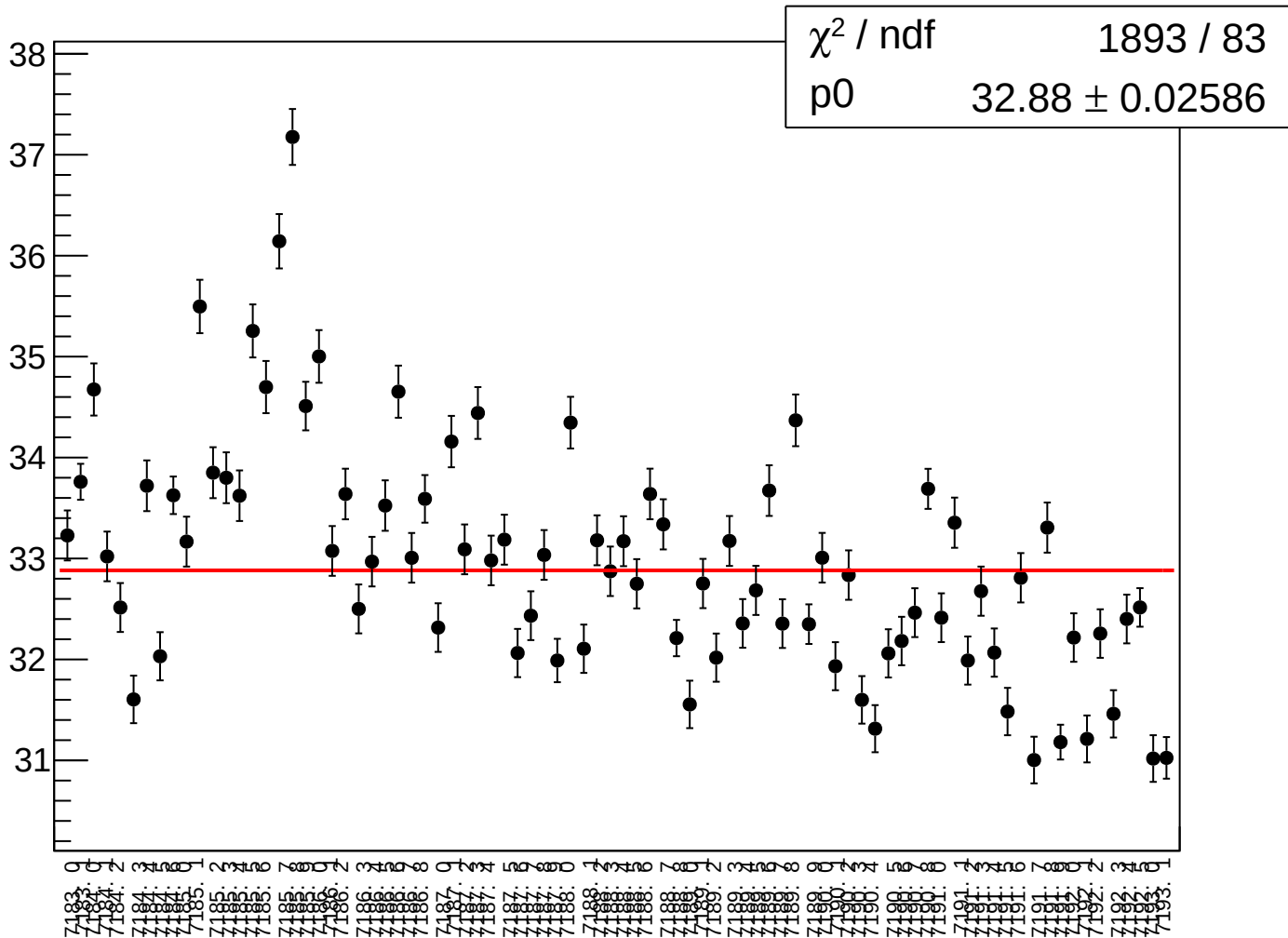
asym_sam_37_26_dd_cor_correction_rms vs run



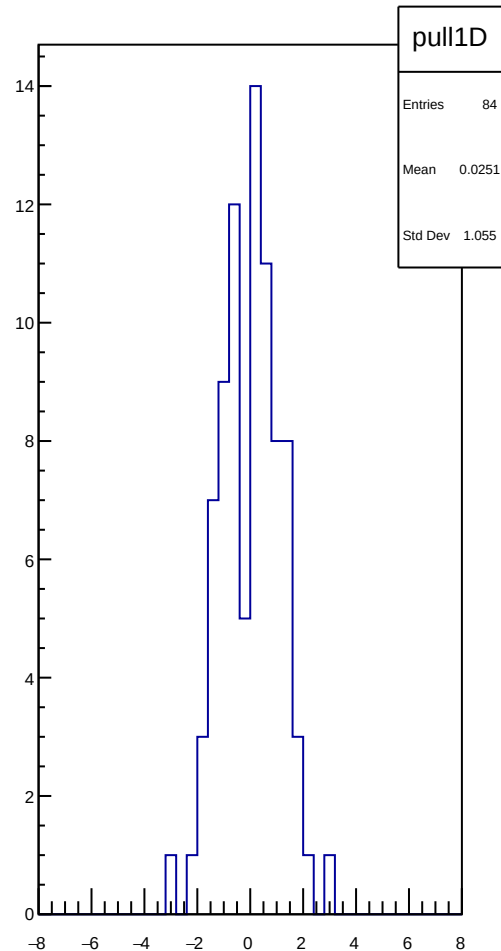
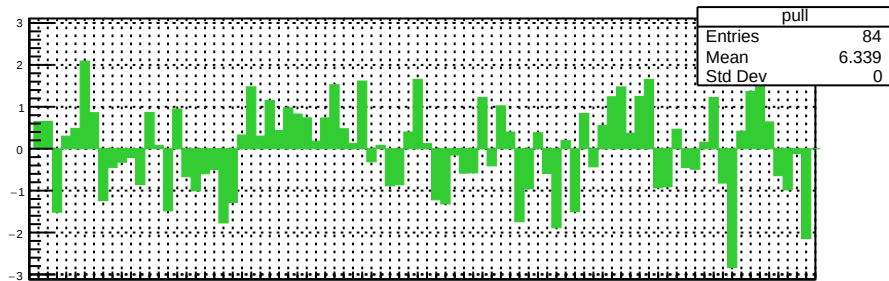
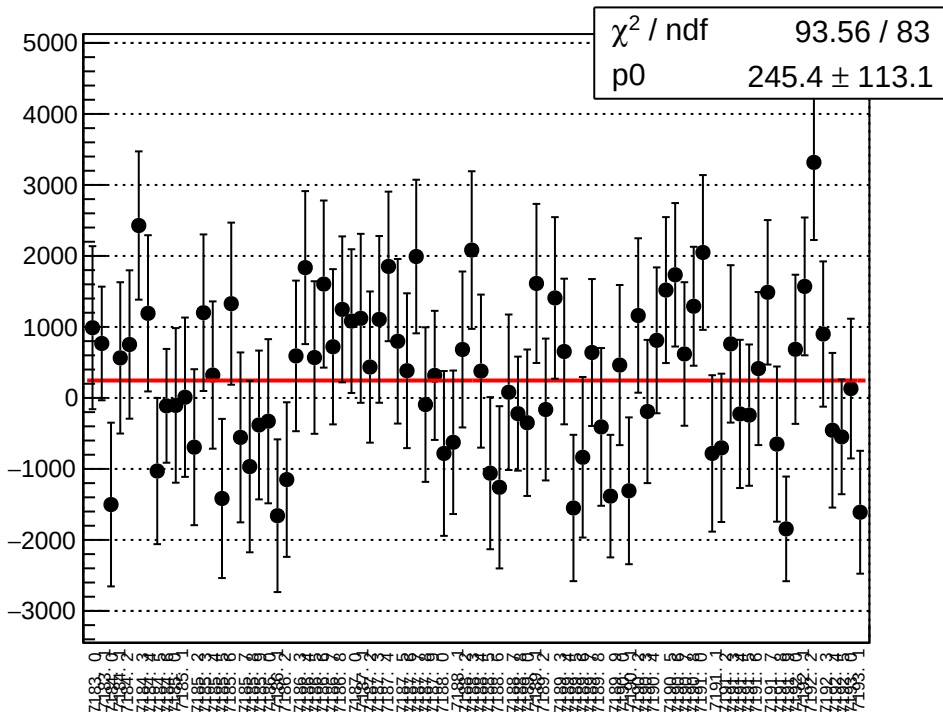
eigen_cor_asym_sam_37_26_dd_mean vs run



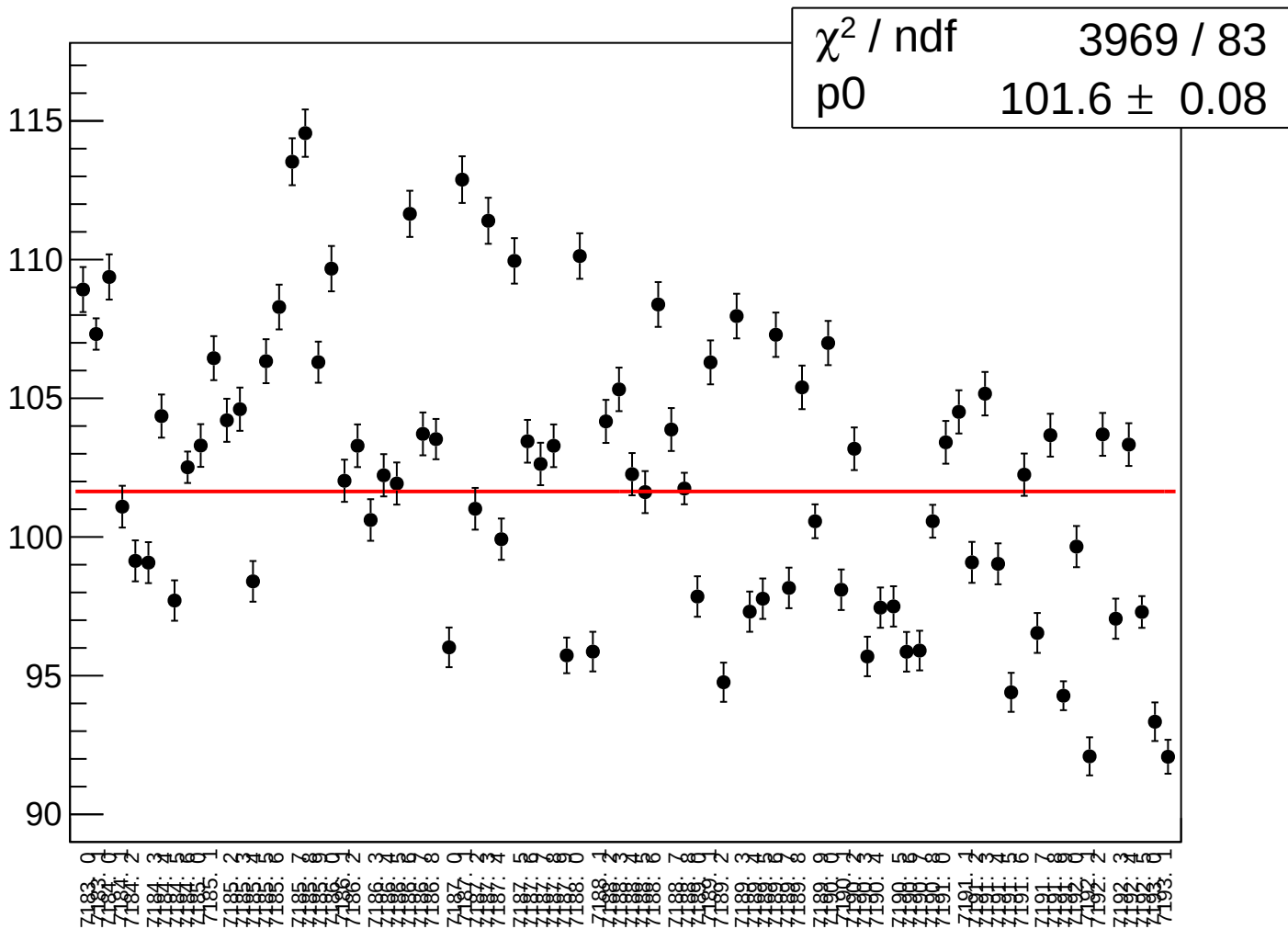
eigen_cor_asym_sam_37_26_dd_rms vs run



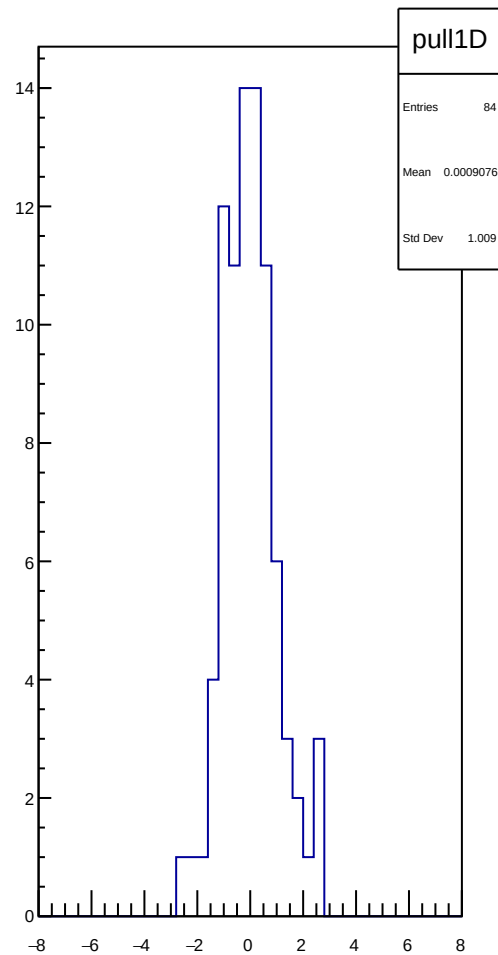
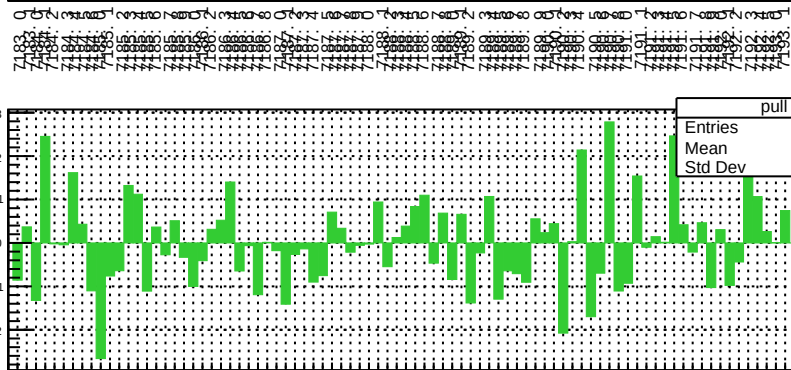
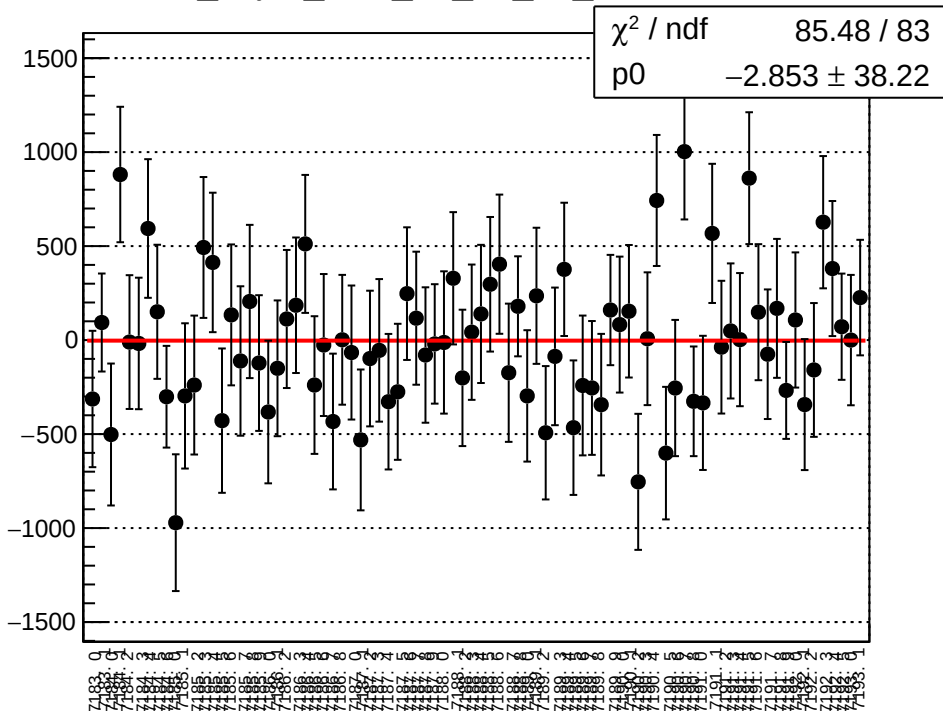
asym_sam_37_26_dd_eigen_cor_correction_mean vs run



asym_sam_37_26_dd_eigen_cor_correction_rms vs run



dit_asym_sam_37_26_dd_mean vs run



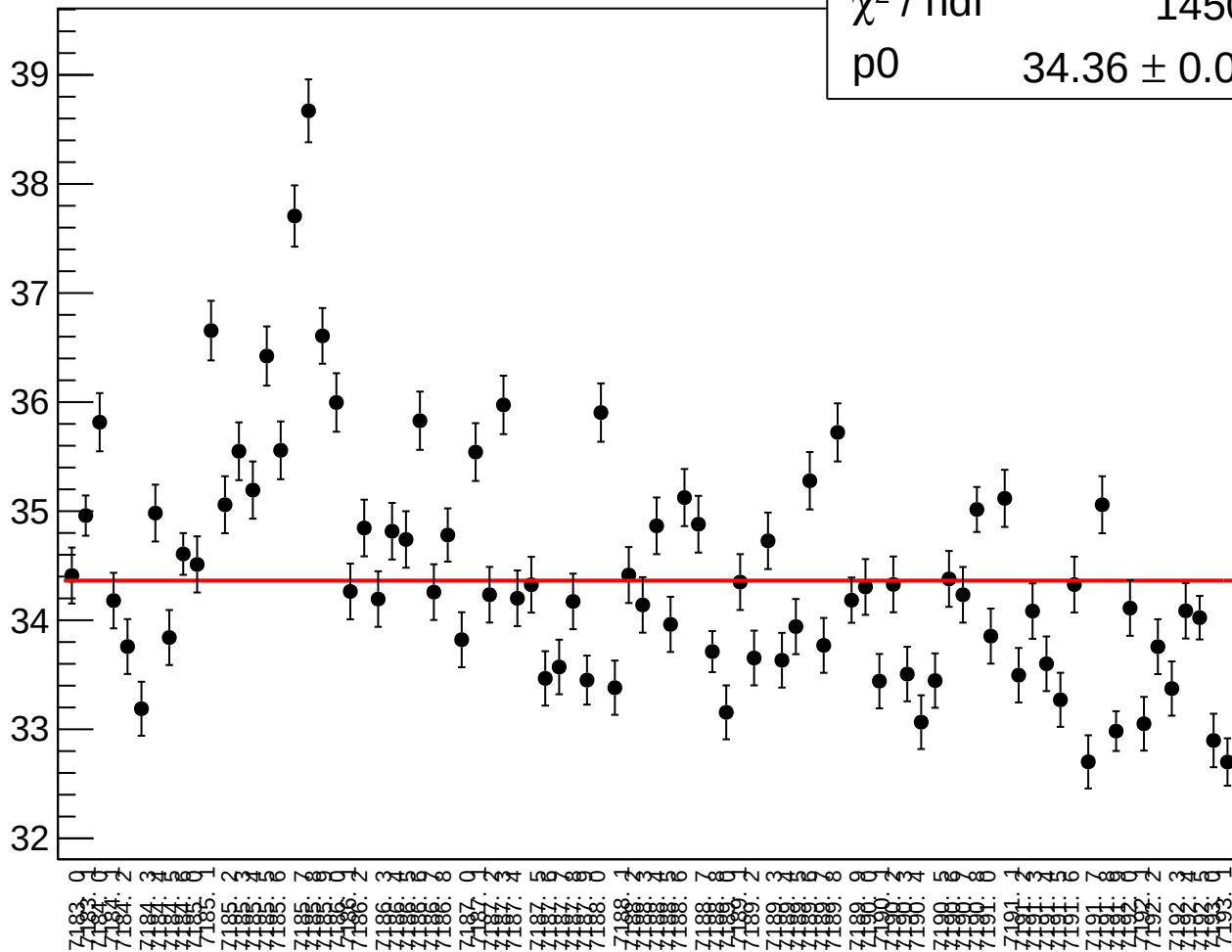
dit_asym_sam_37_26_dd_rms vs run

χ^2 / ndf

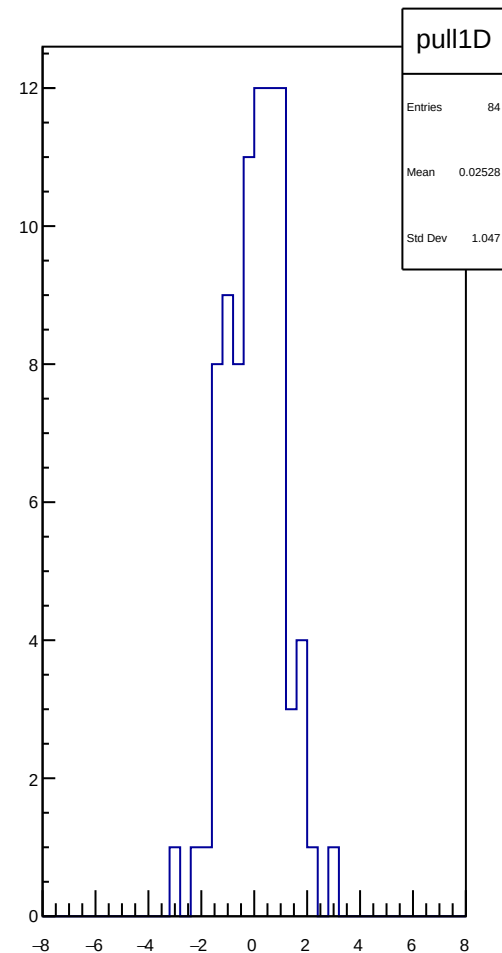
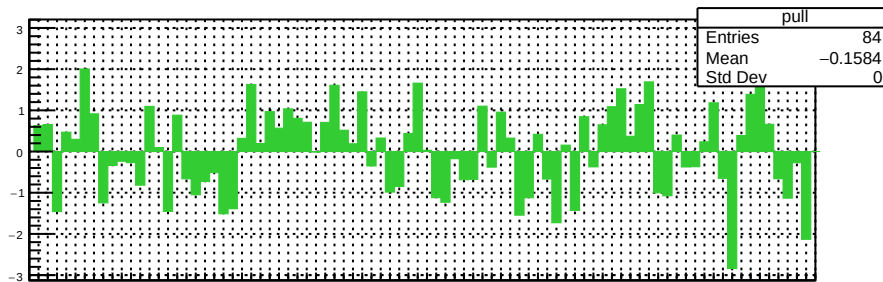
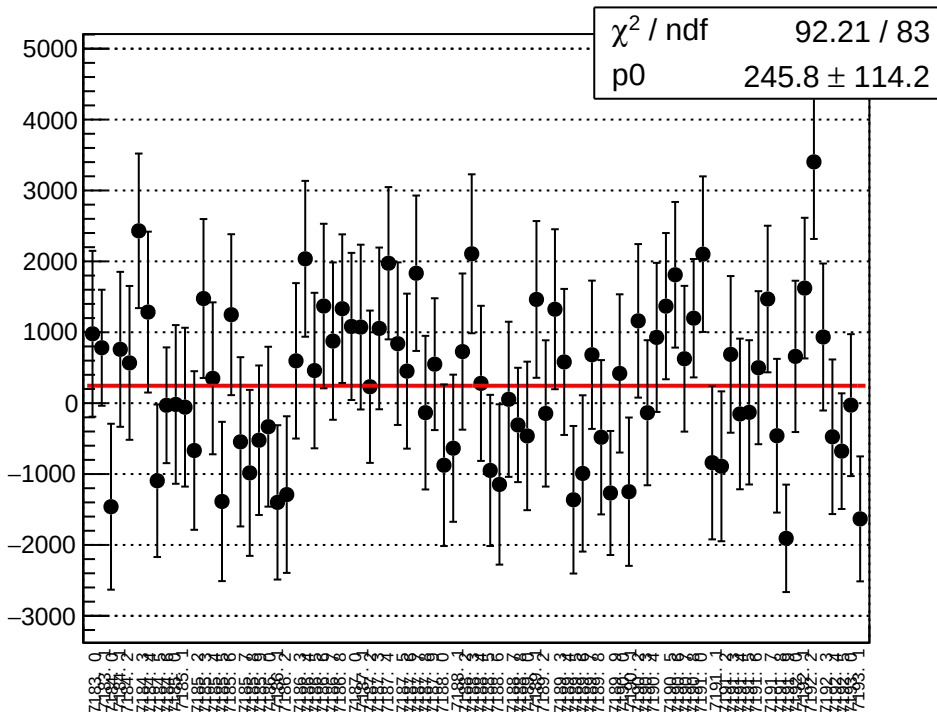
1450 / 83

p0

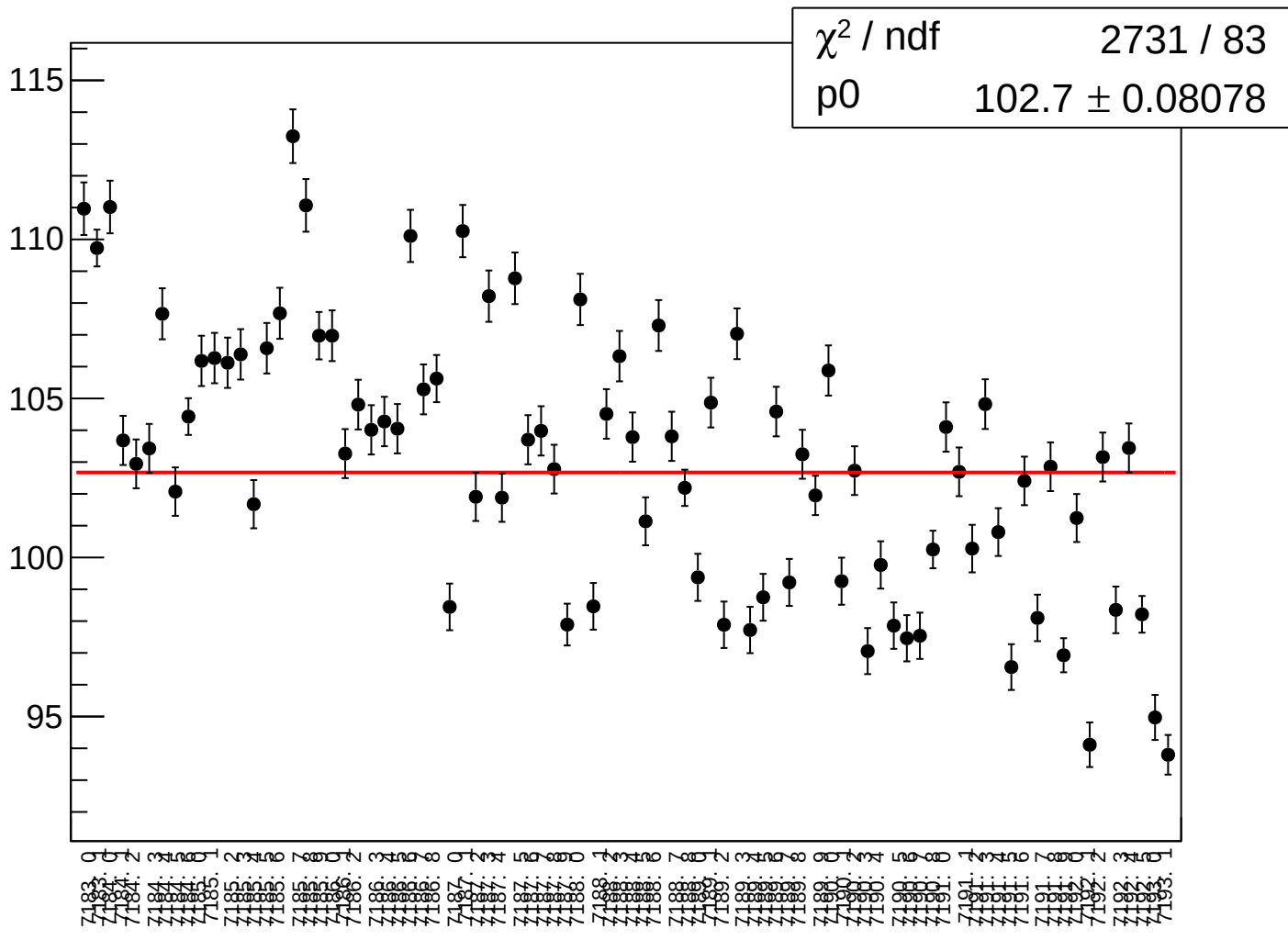
34.36 ± 0.02703



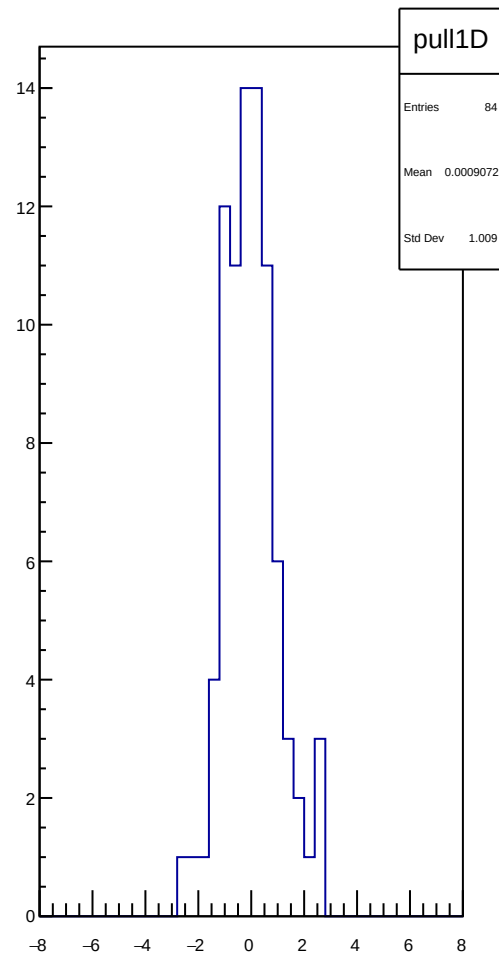
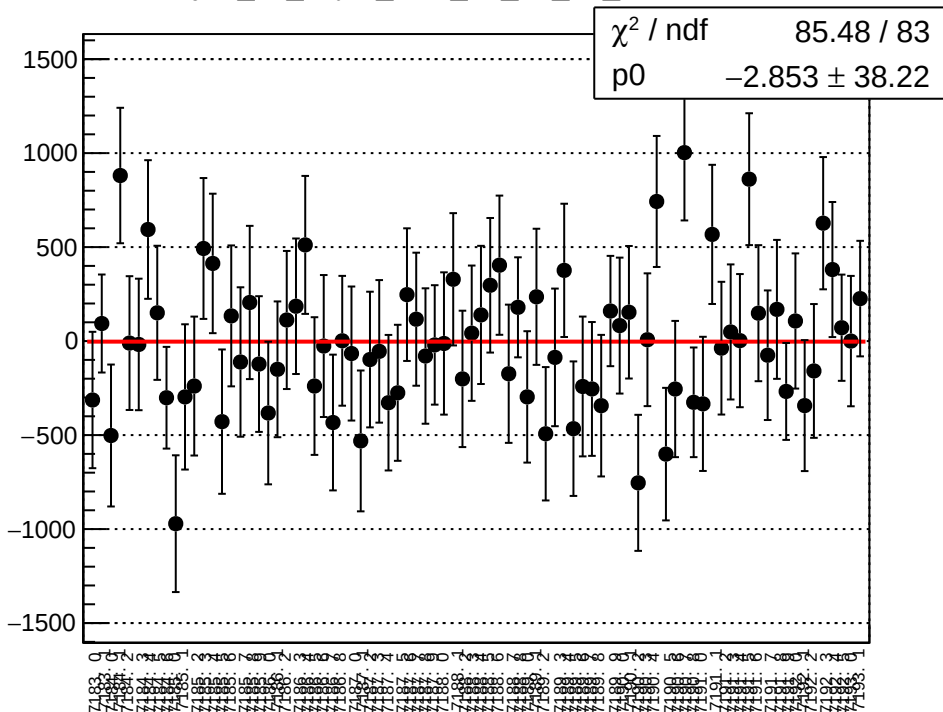
asym_sam_37_26_dd_dit_correction_mean vs run



asym_sam_37_26_dd_dit_correction_rms vs run



eigen_dit_asym_sam_37_26_dd_mean vs run



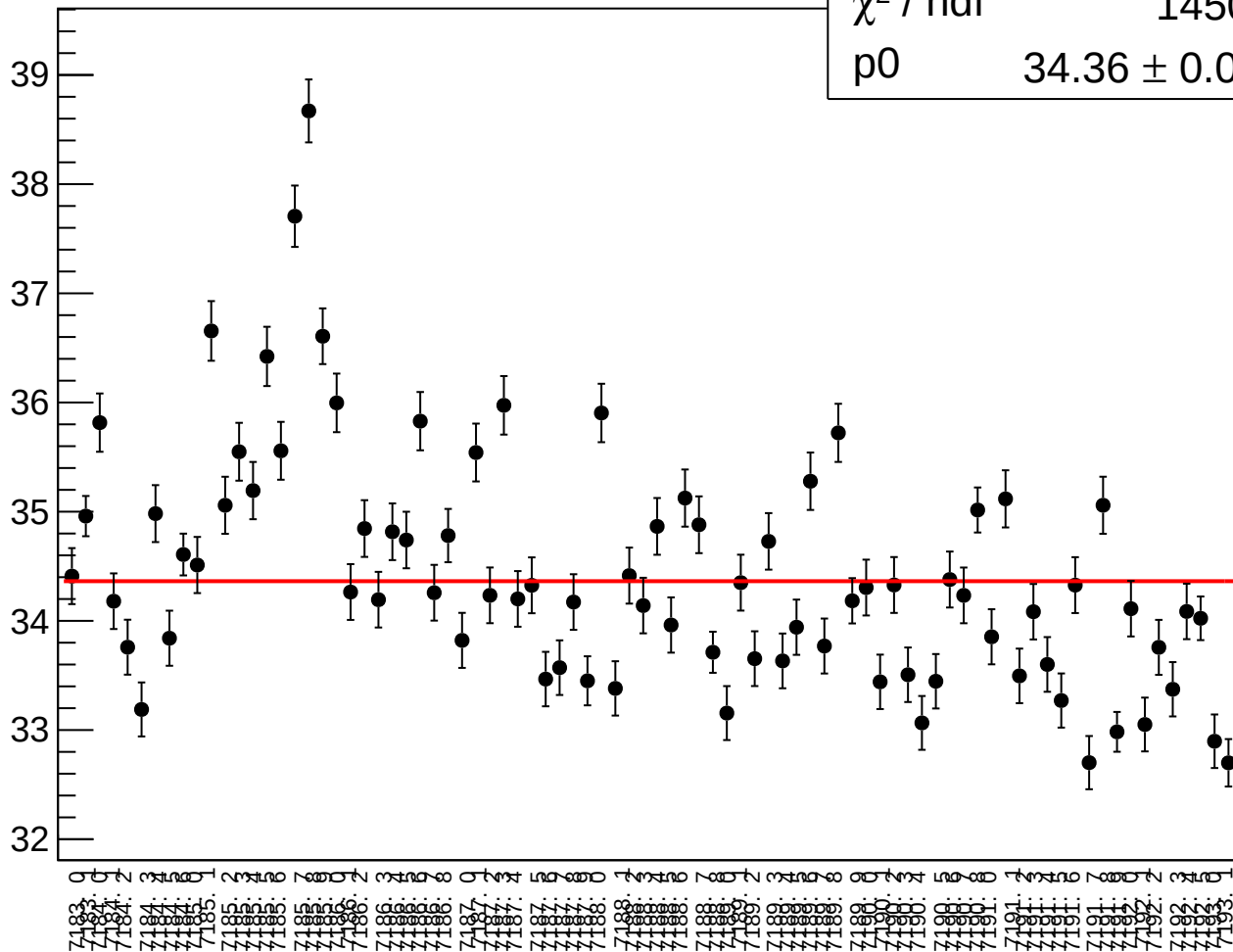
eigen_dit_asym_sam_37_26_dd_rms vs run

χ^2 / ndf

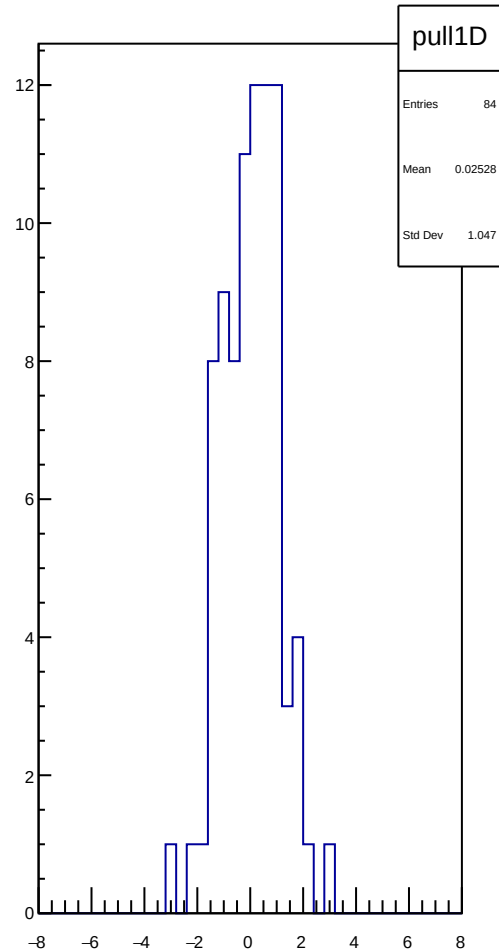
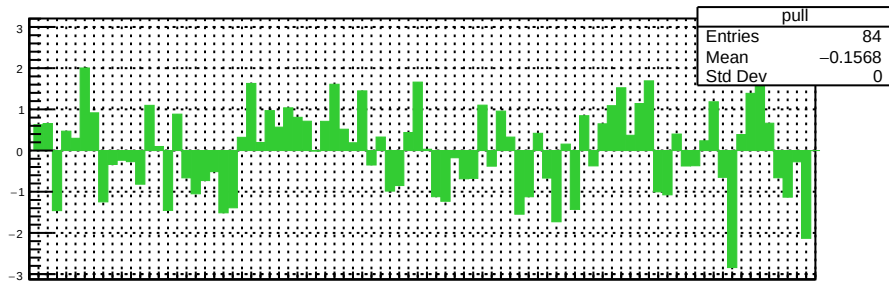
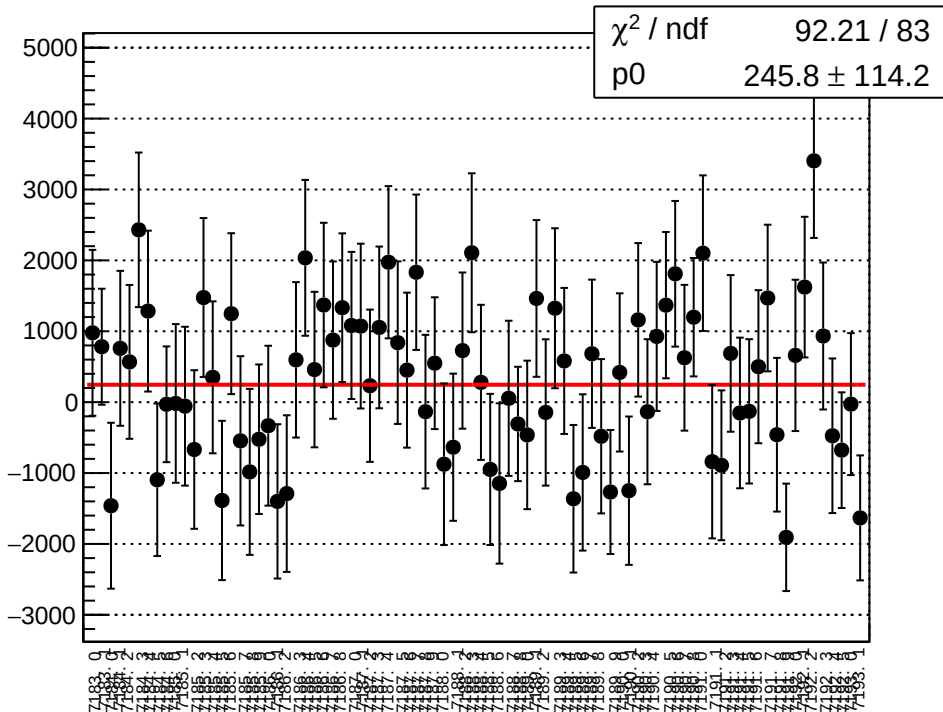
1450 / 83

p0

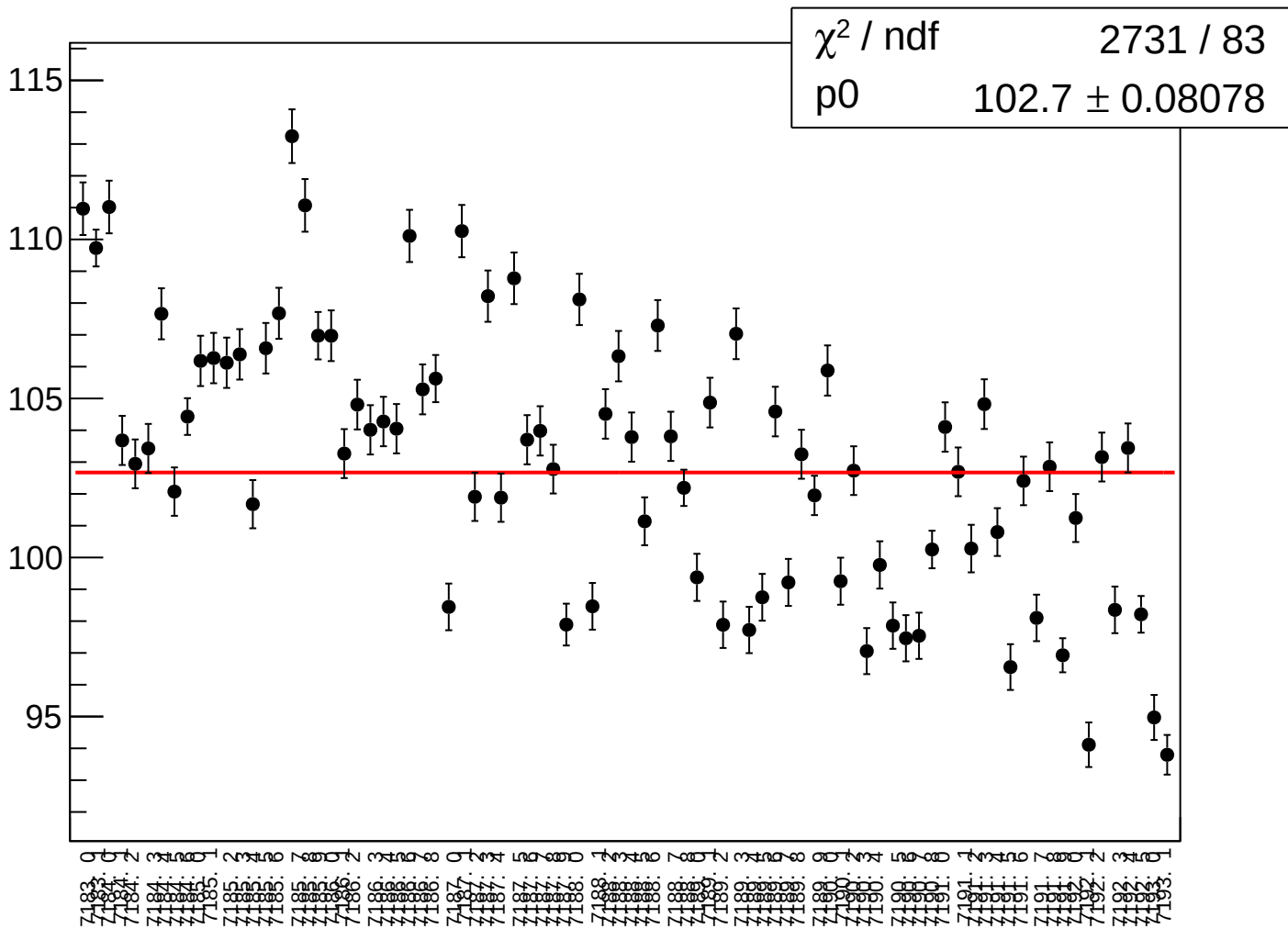
34.36 ± 0.02703



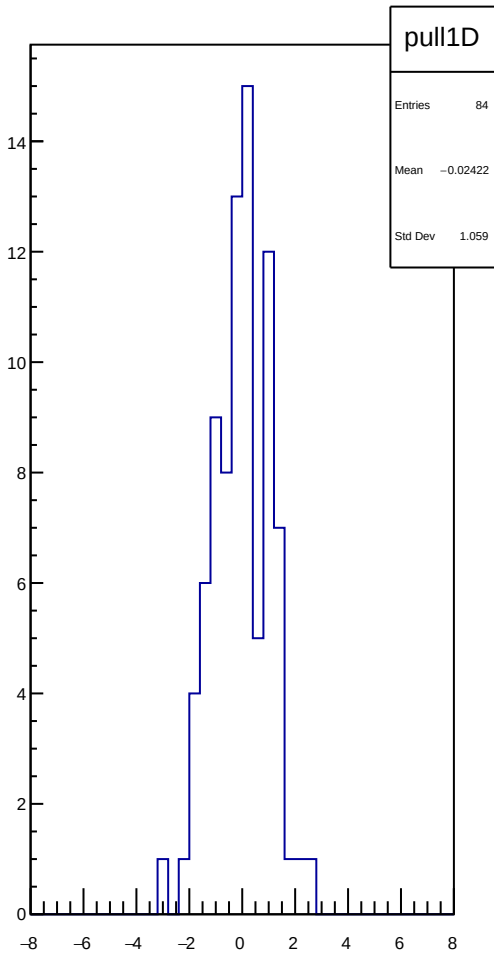
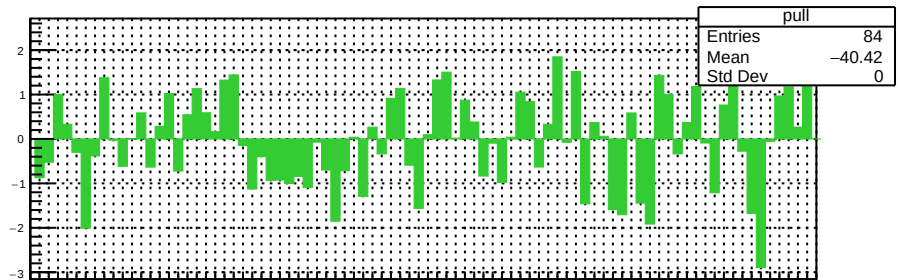
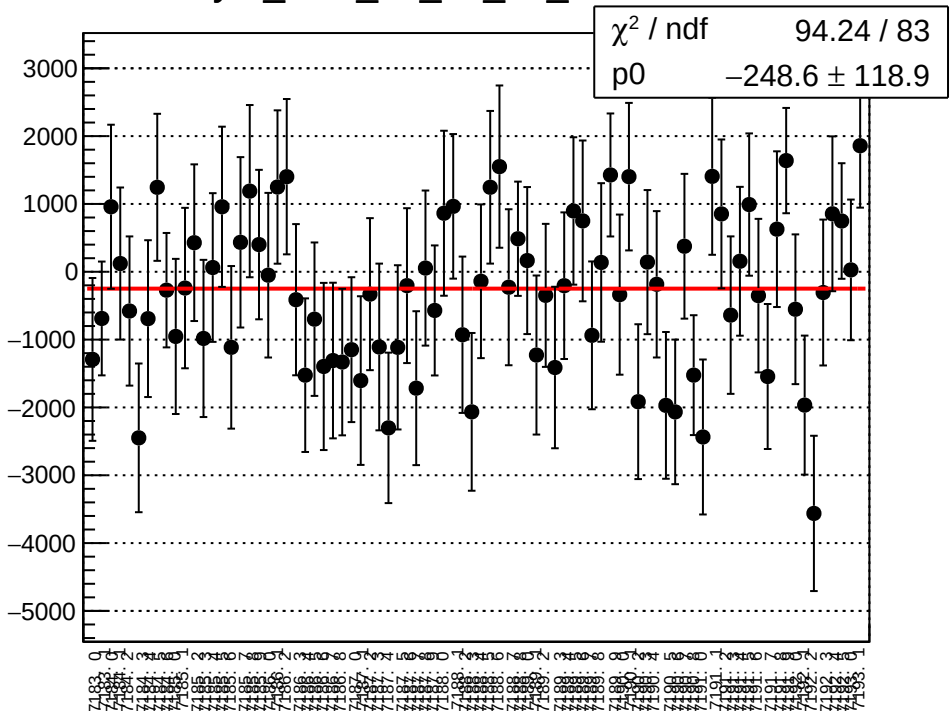
asym_sam_37_26_dd_eigen_dit_correction_mean vs run



asym_sam_37_26_dd_eigen_dit_correction_rms vs run



asym_sam_37_26_dd_mean vs run



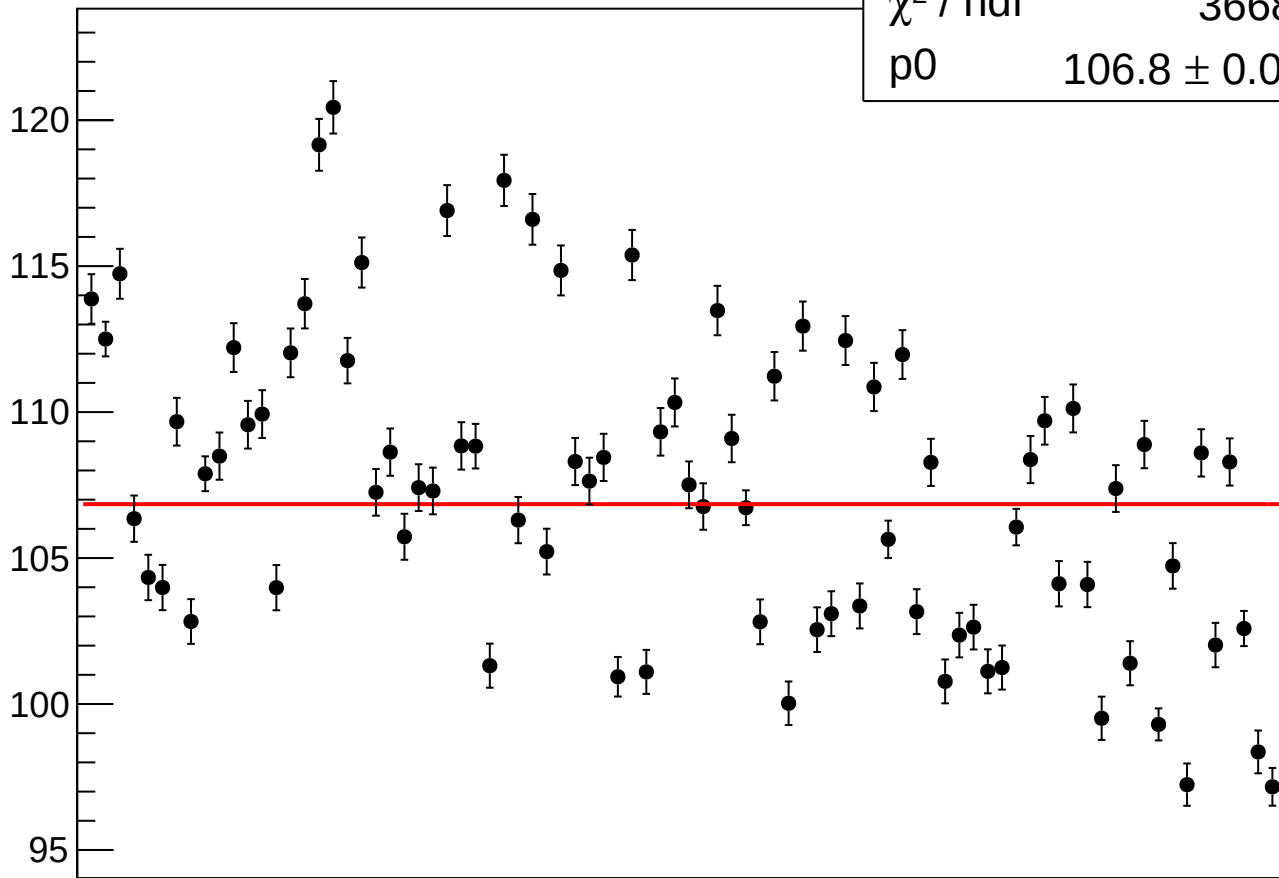
asym_sam_37_26_dd_rms vs run

χ^2 / ndf

3668 / 83

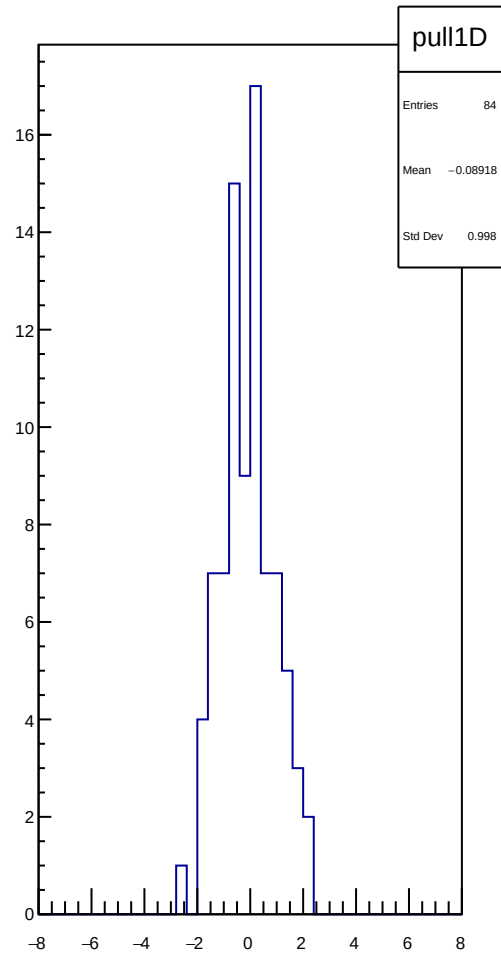
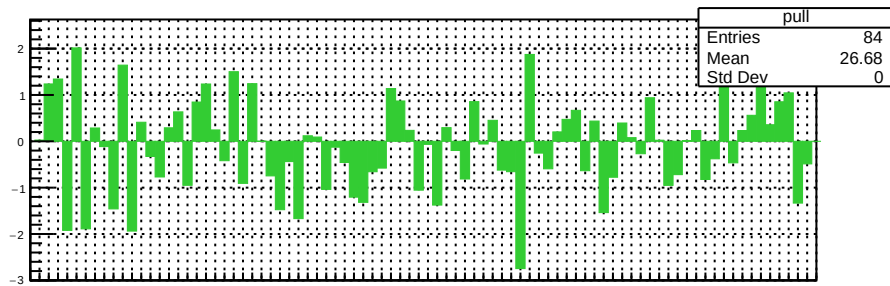
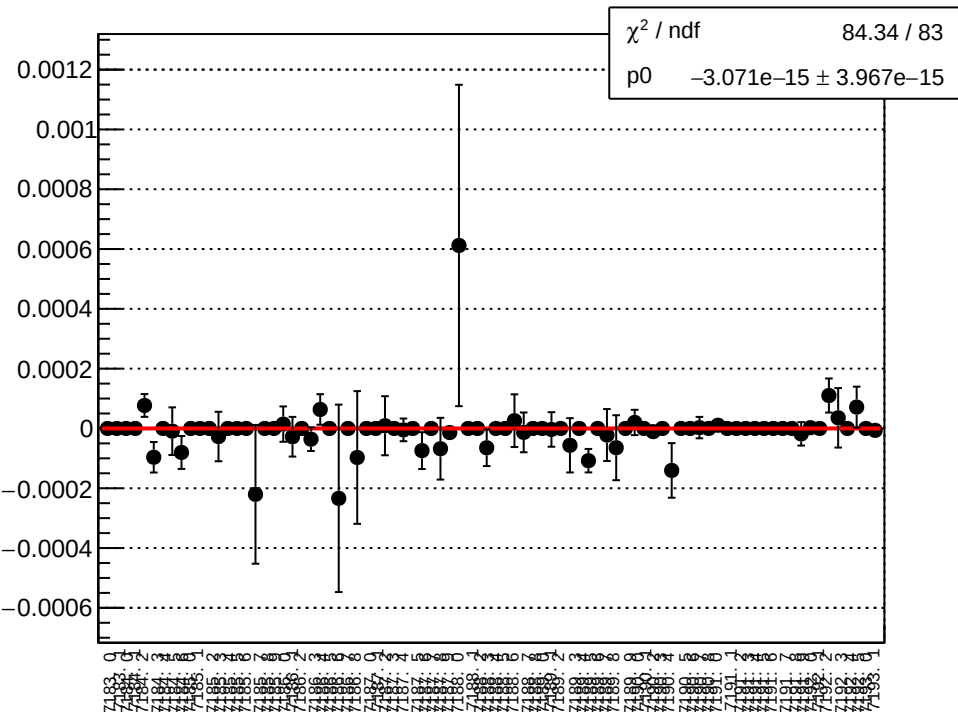
p0

106.8 ± 0.08409

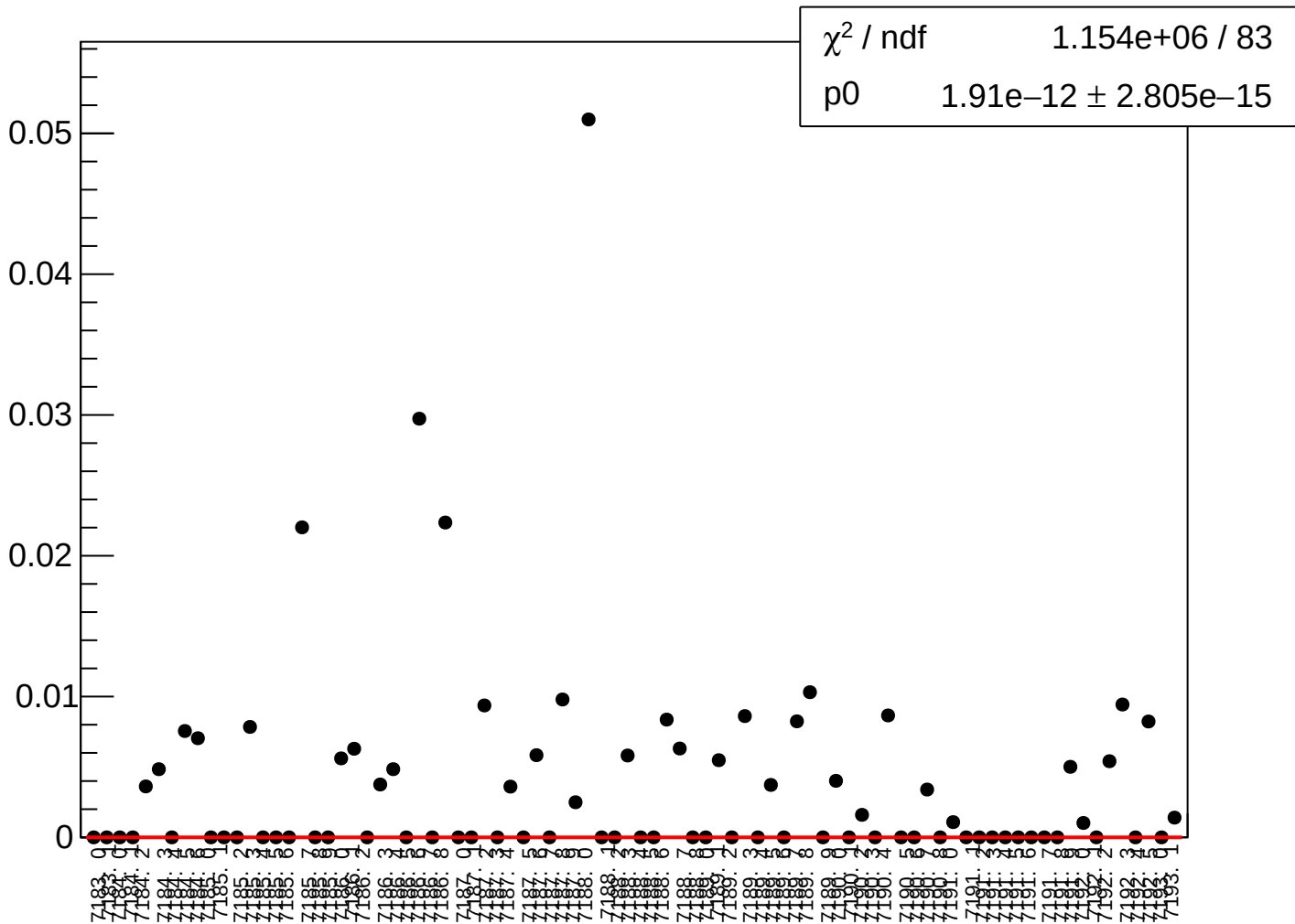


74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193

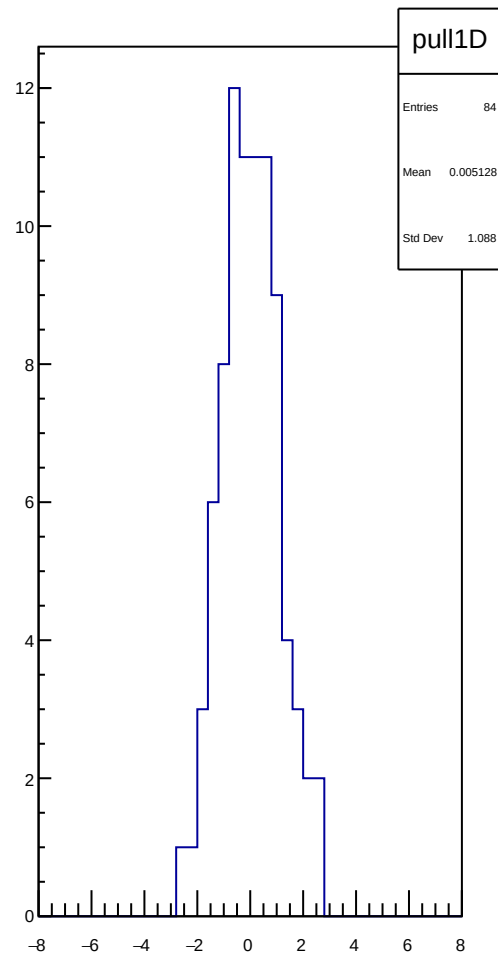
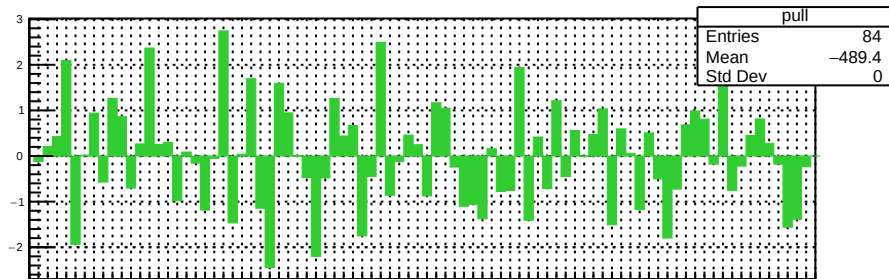
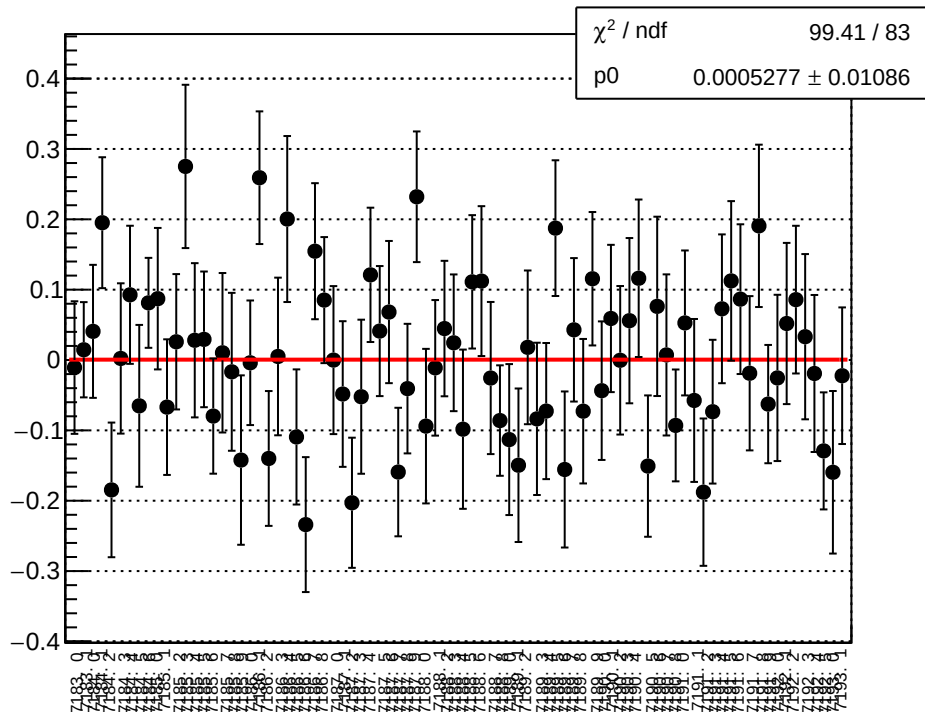
asym_sam_37_26_dd_reg_vs_cor_diff_mean vs run



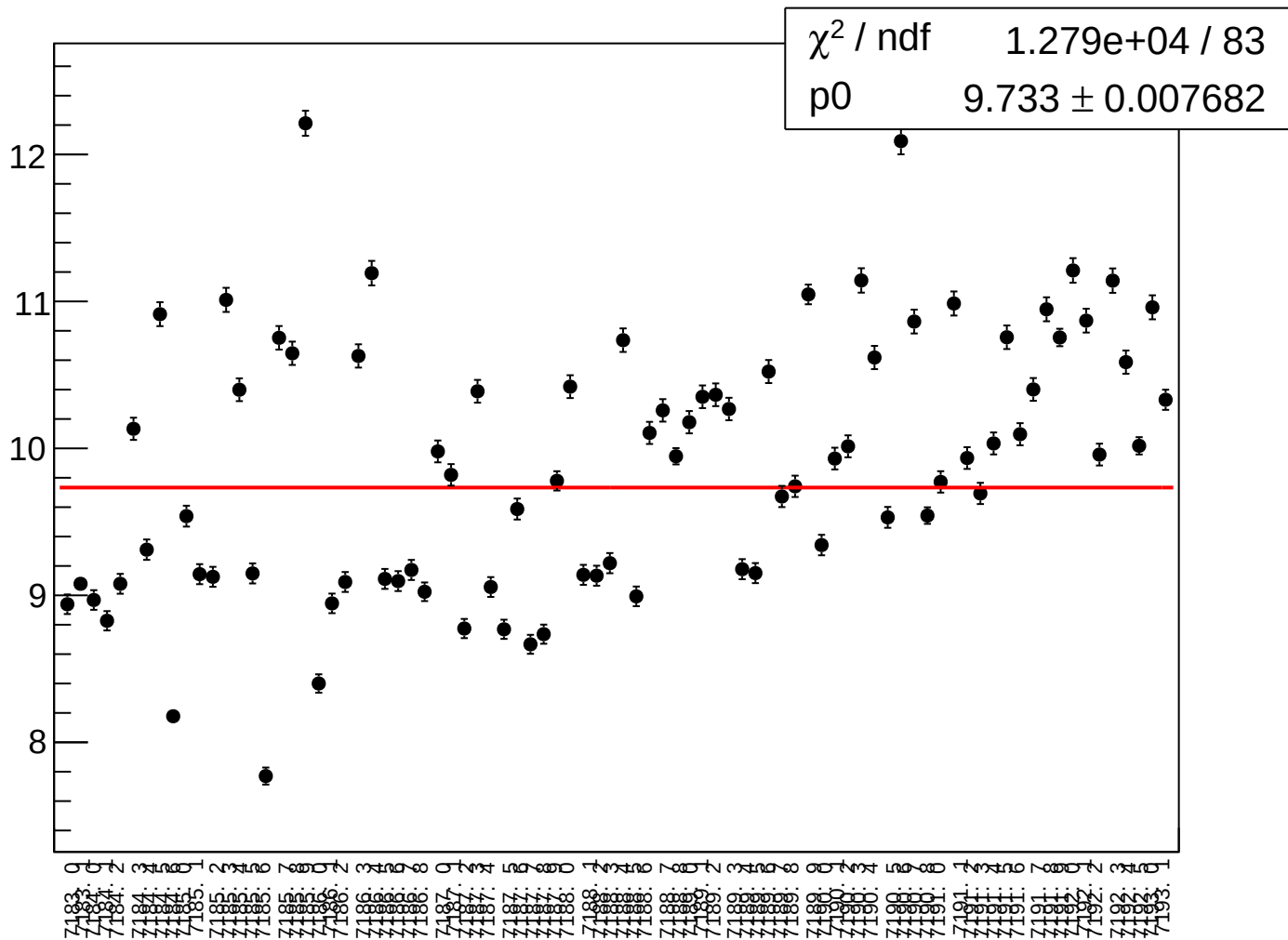
asym_sam_37_26_dd_reg_vs_cor_diff_rms vs run



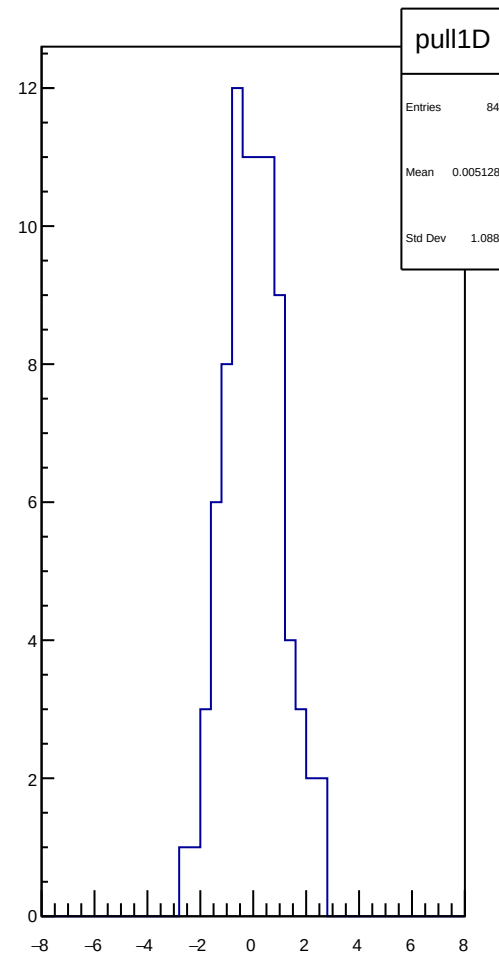
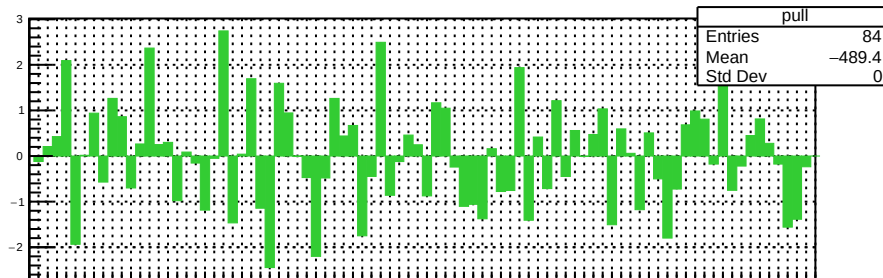
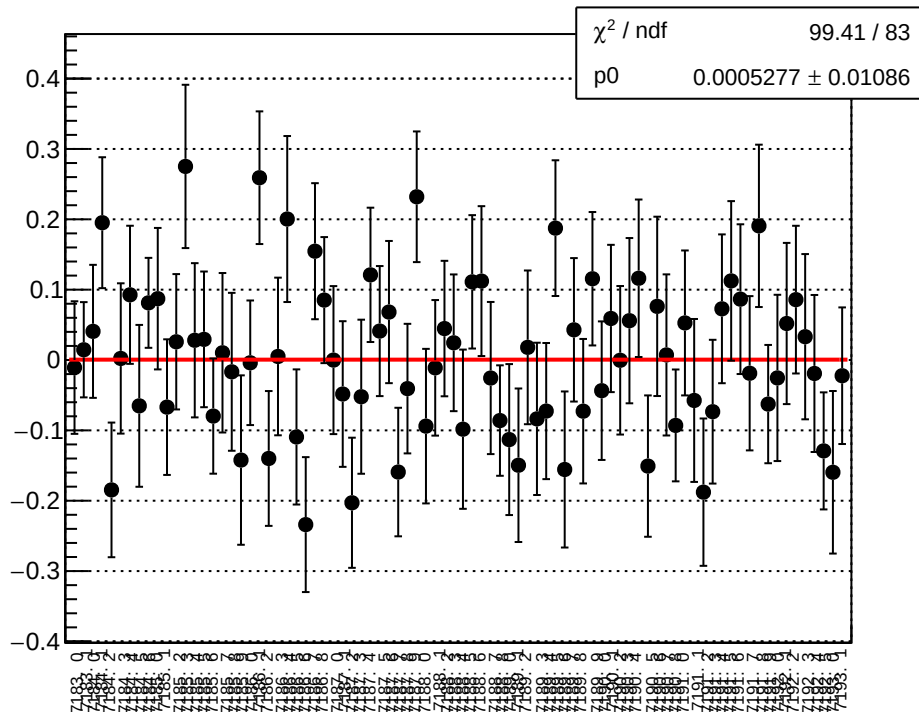
asym_sam_37_26_dd_dit_vs_cor_diff_mean vs run



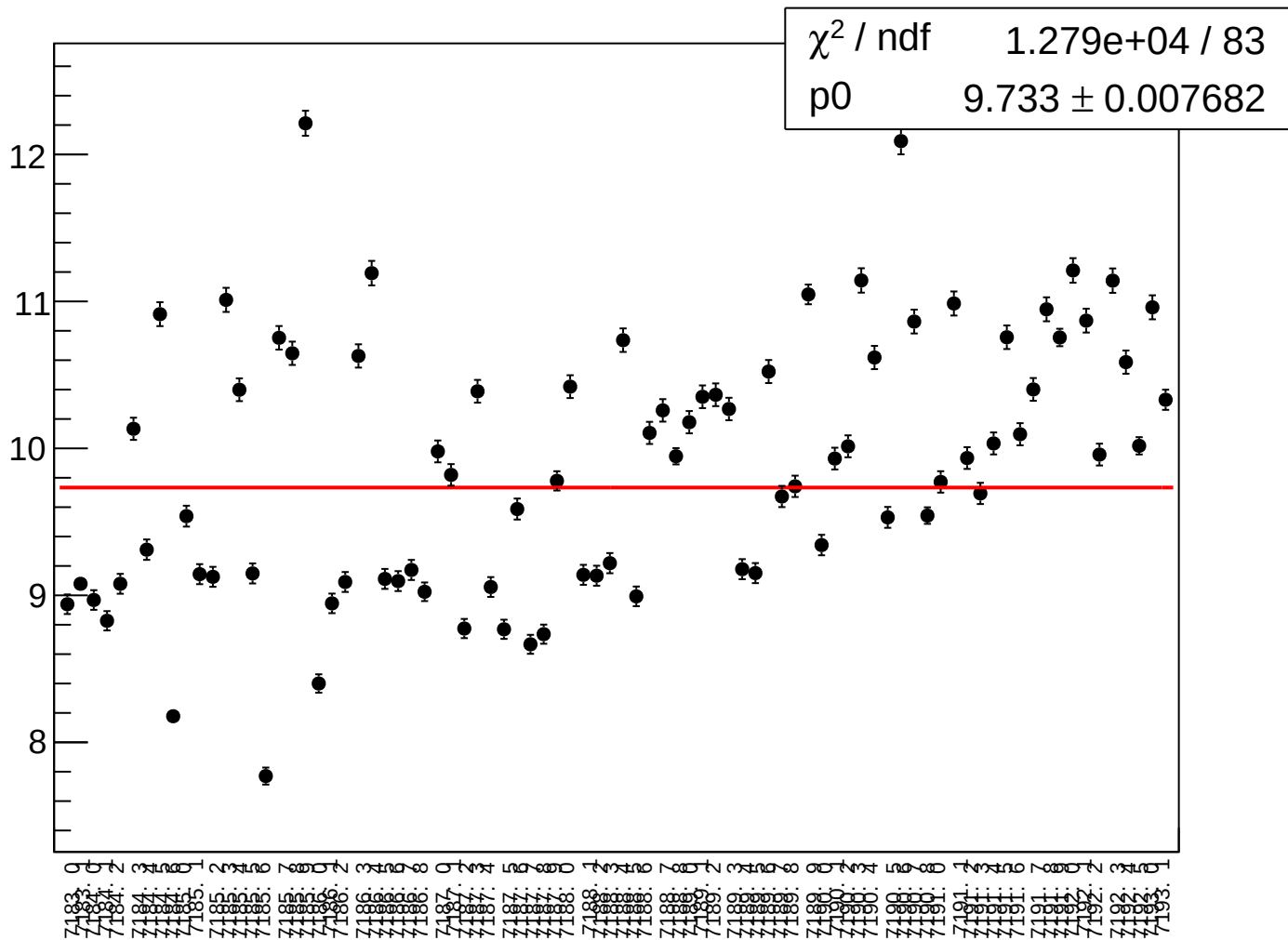
asym_sam_37_26_dd_dit_vs_cor_diff_rms vs run



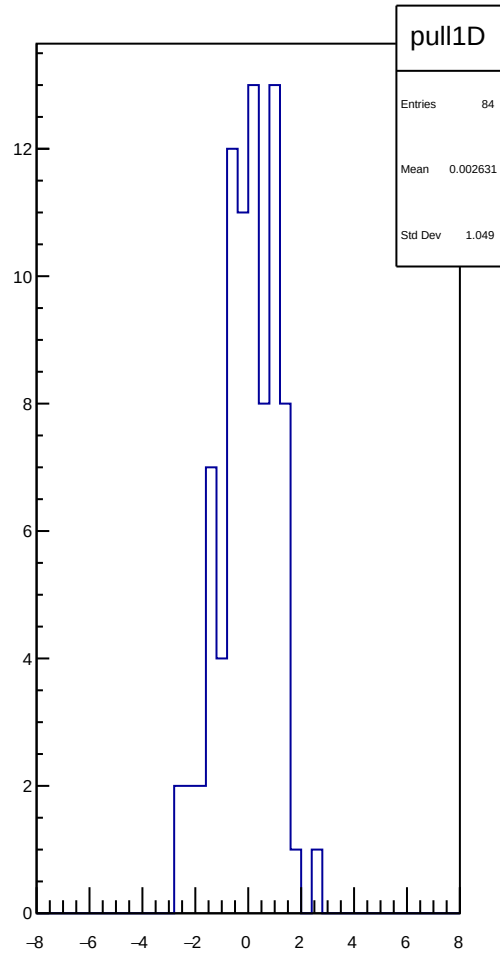
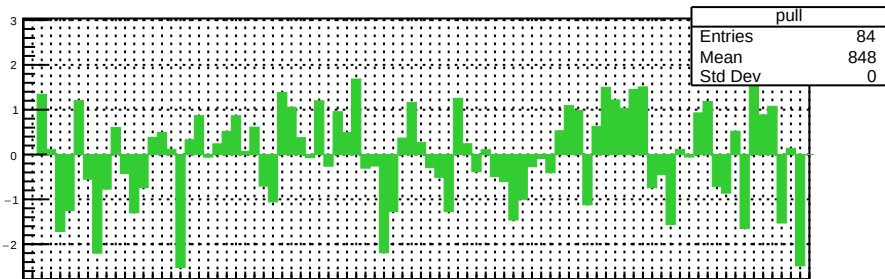
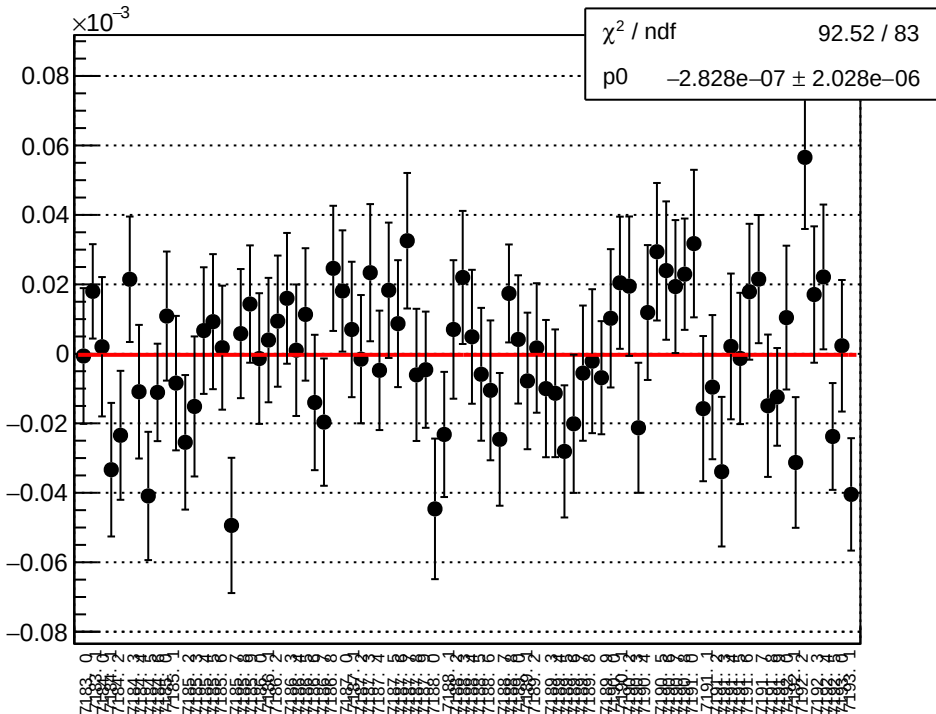
asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs run



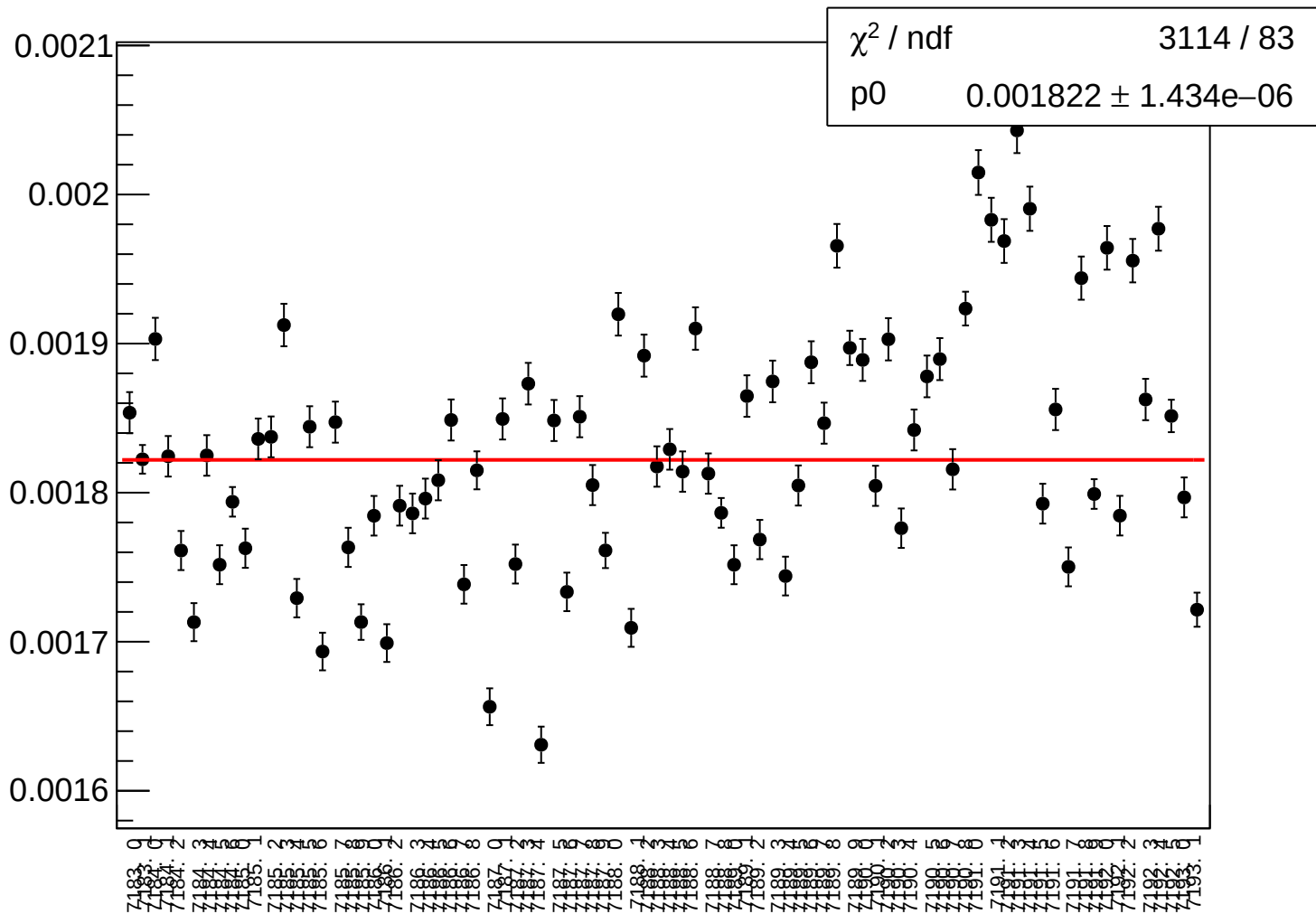
asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs run



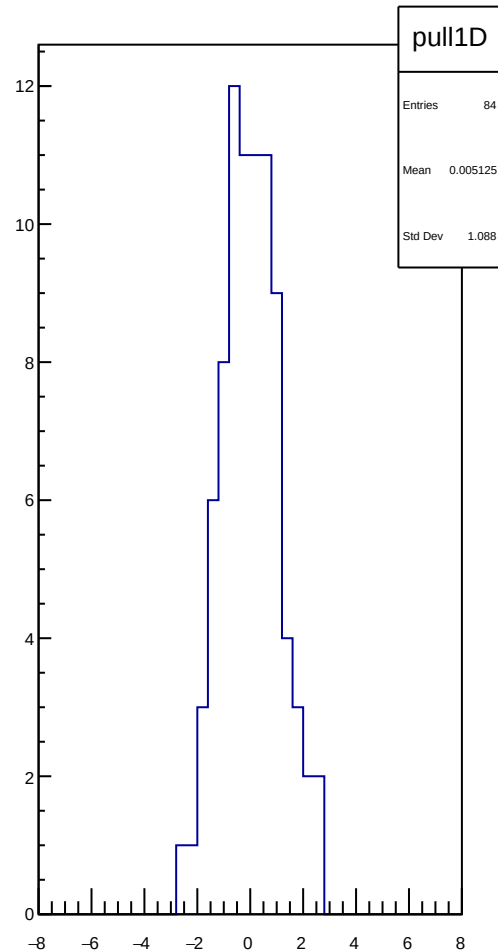
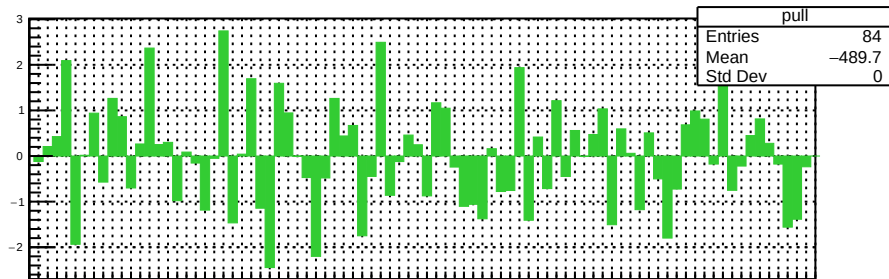
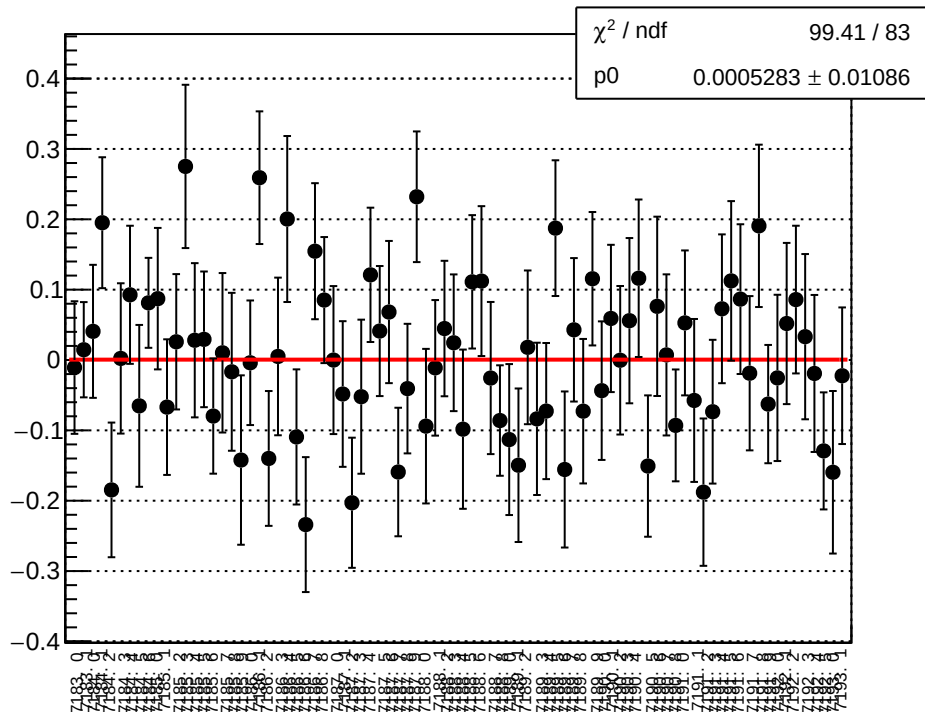
asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs run



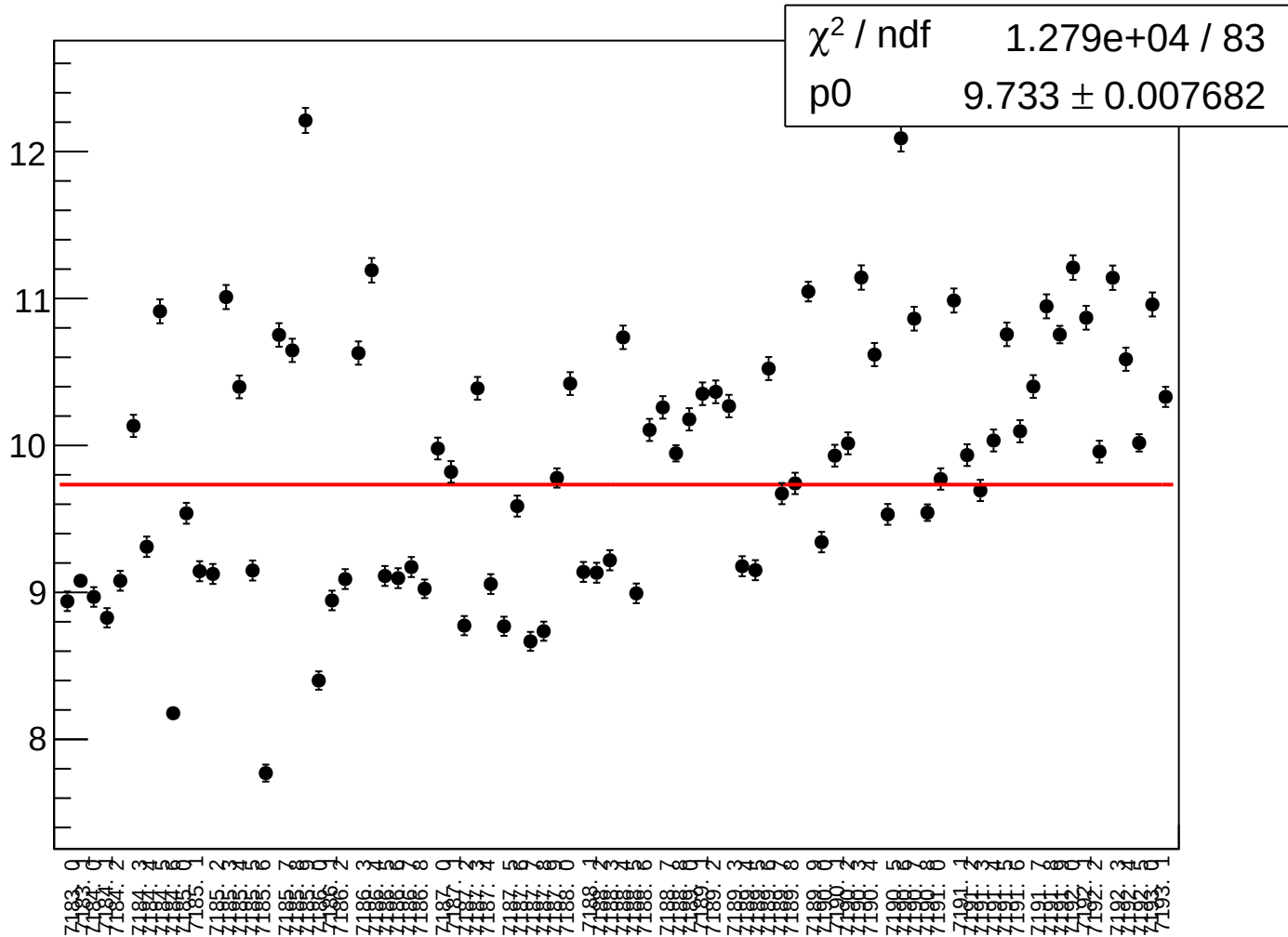
asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs run



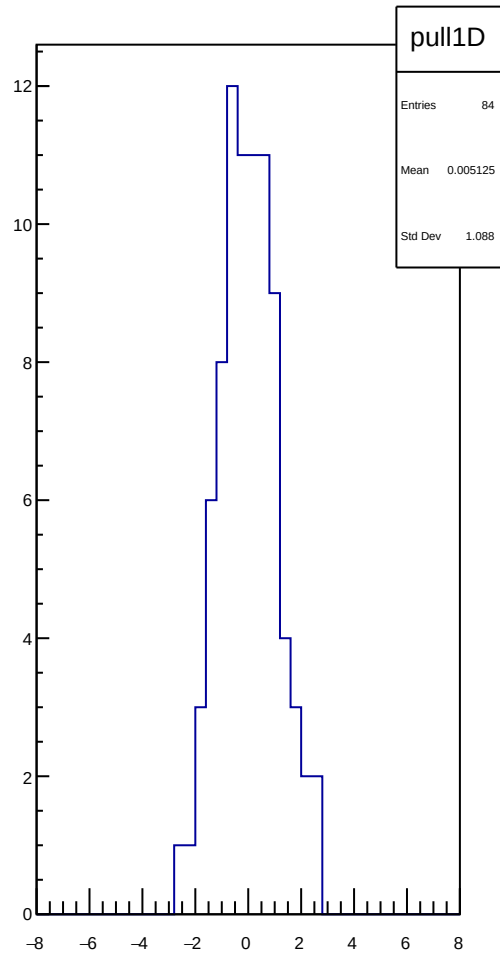
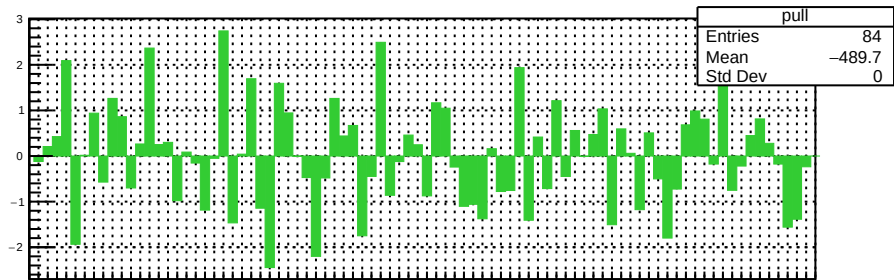
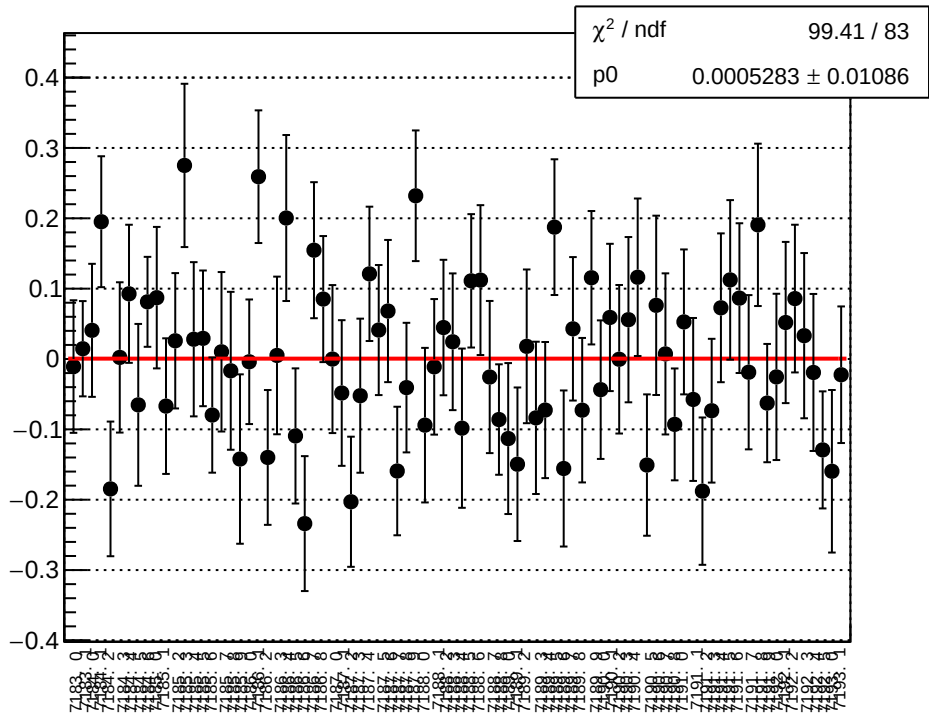
asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs run



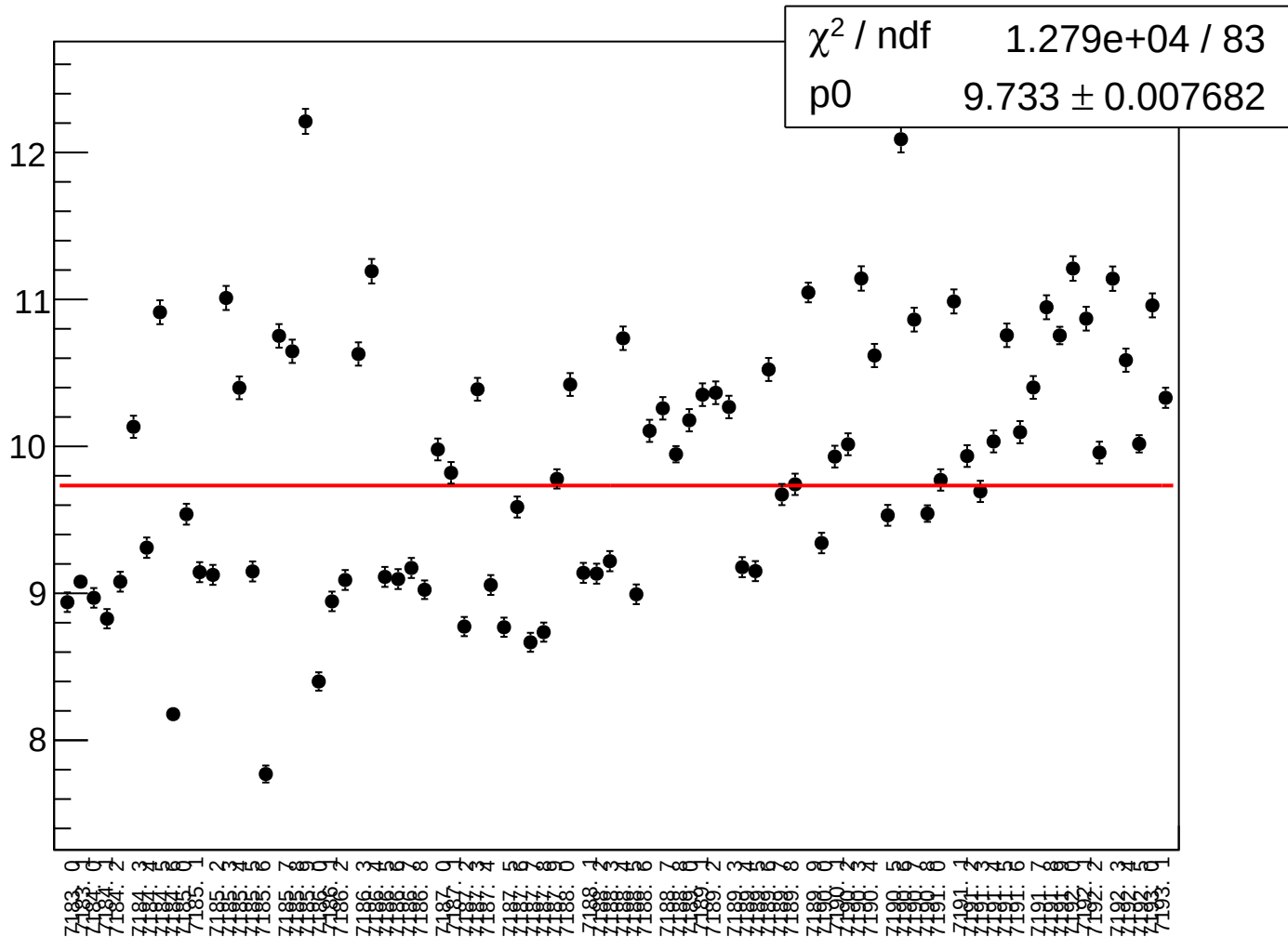
asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs run



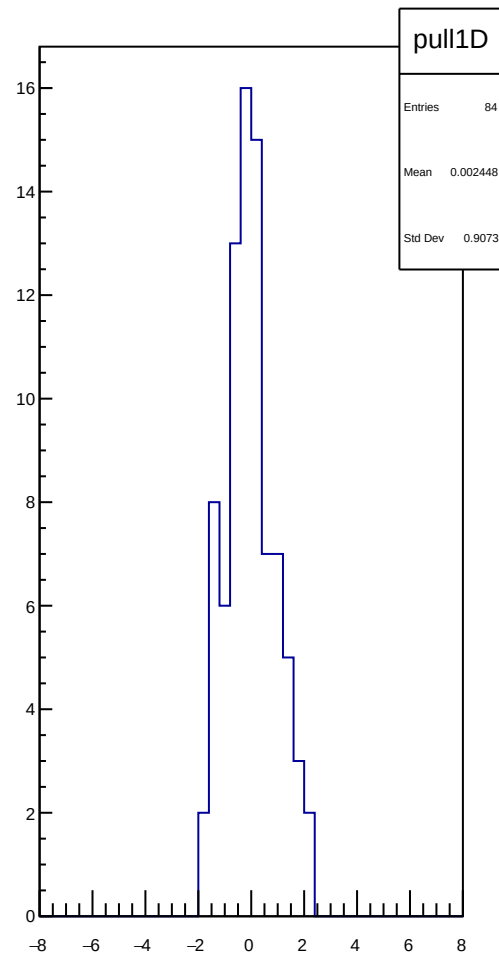
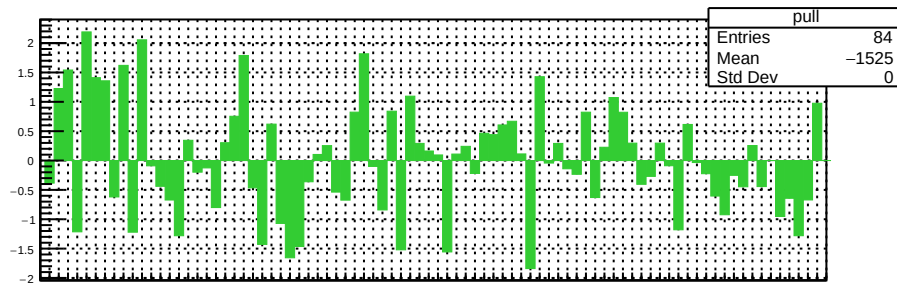
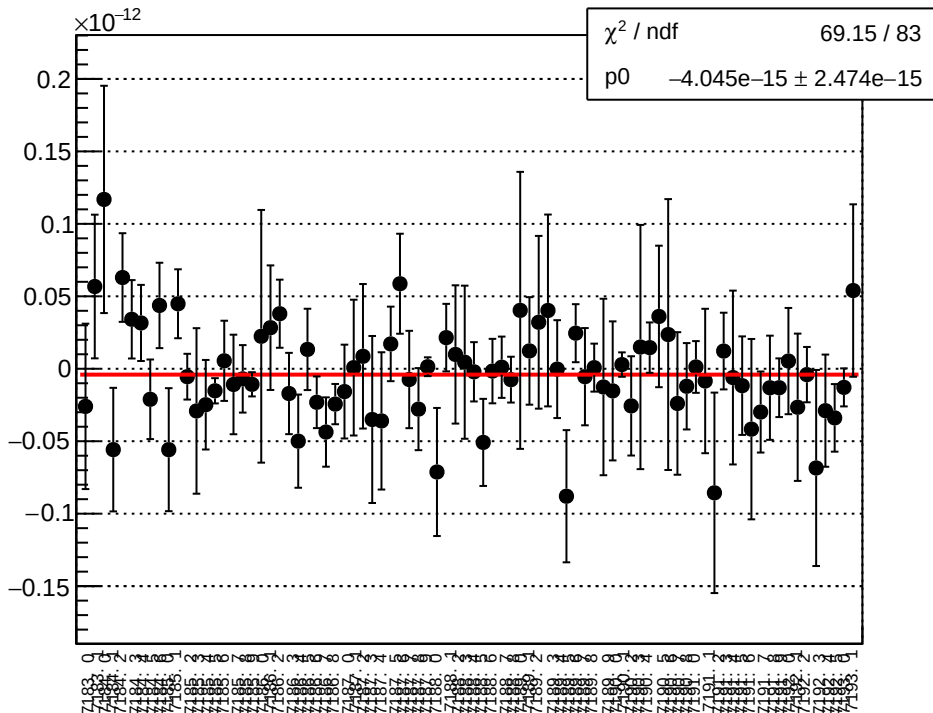
asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



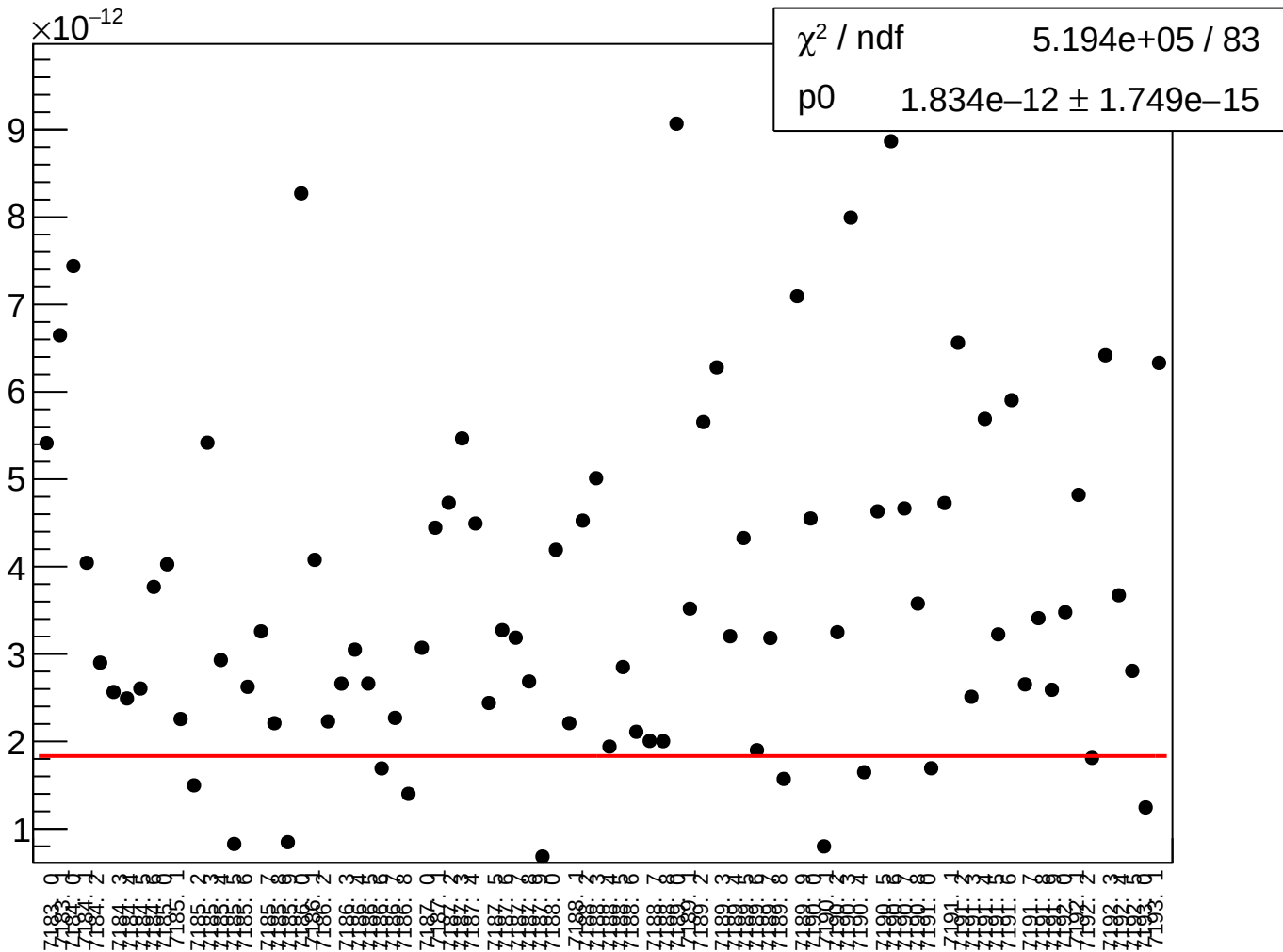
asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



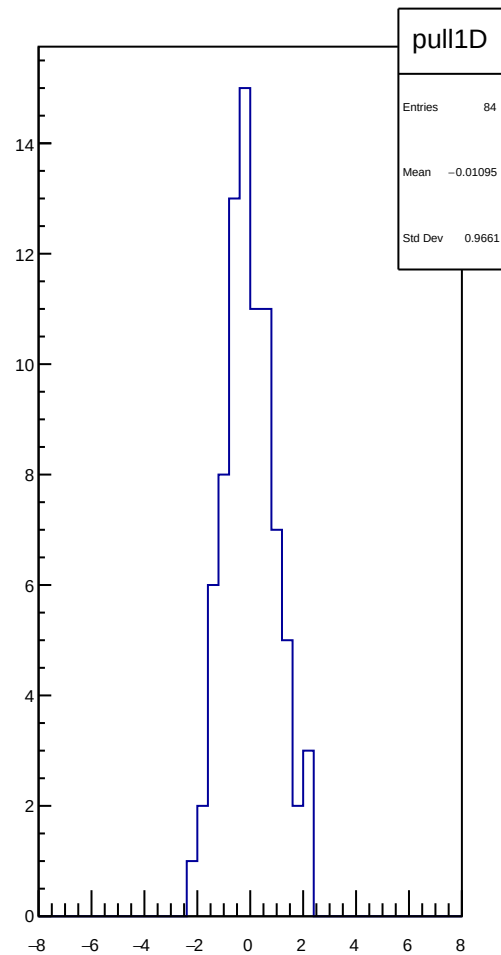
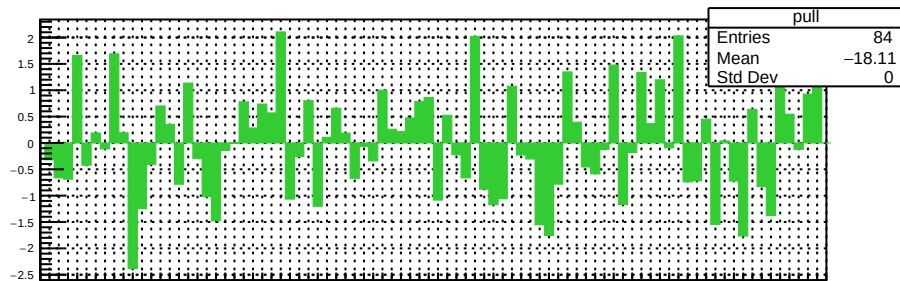
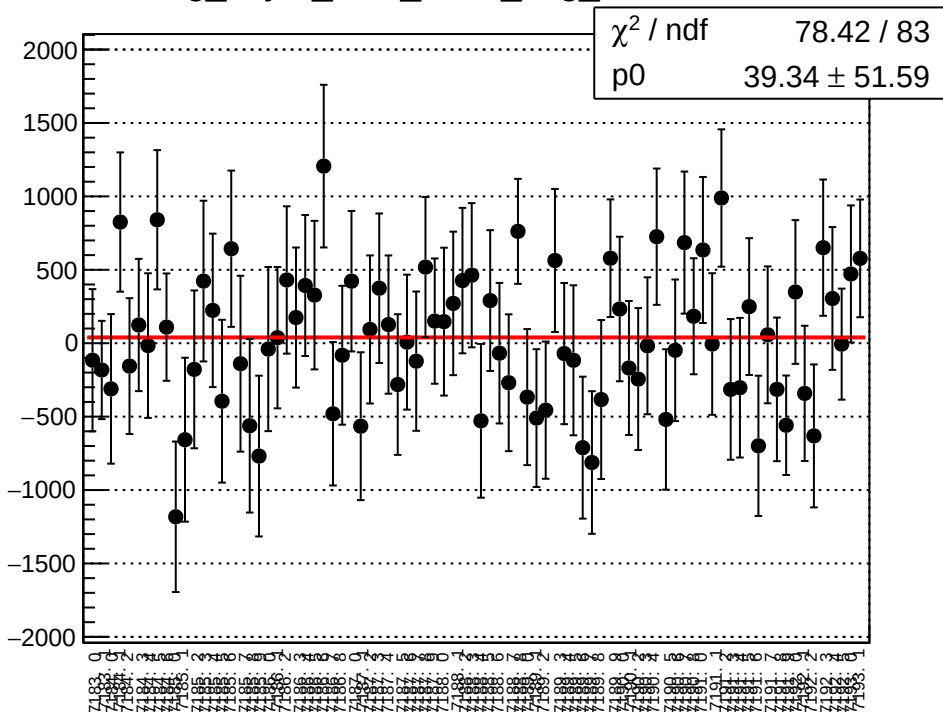
asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs run



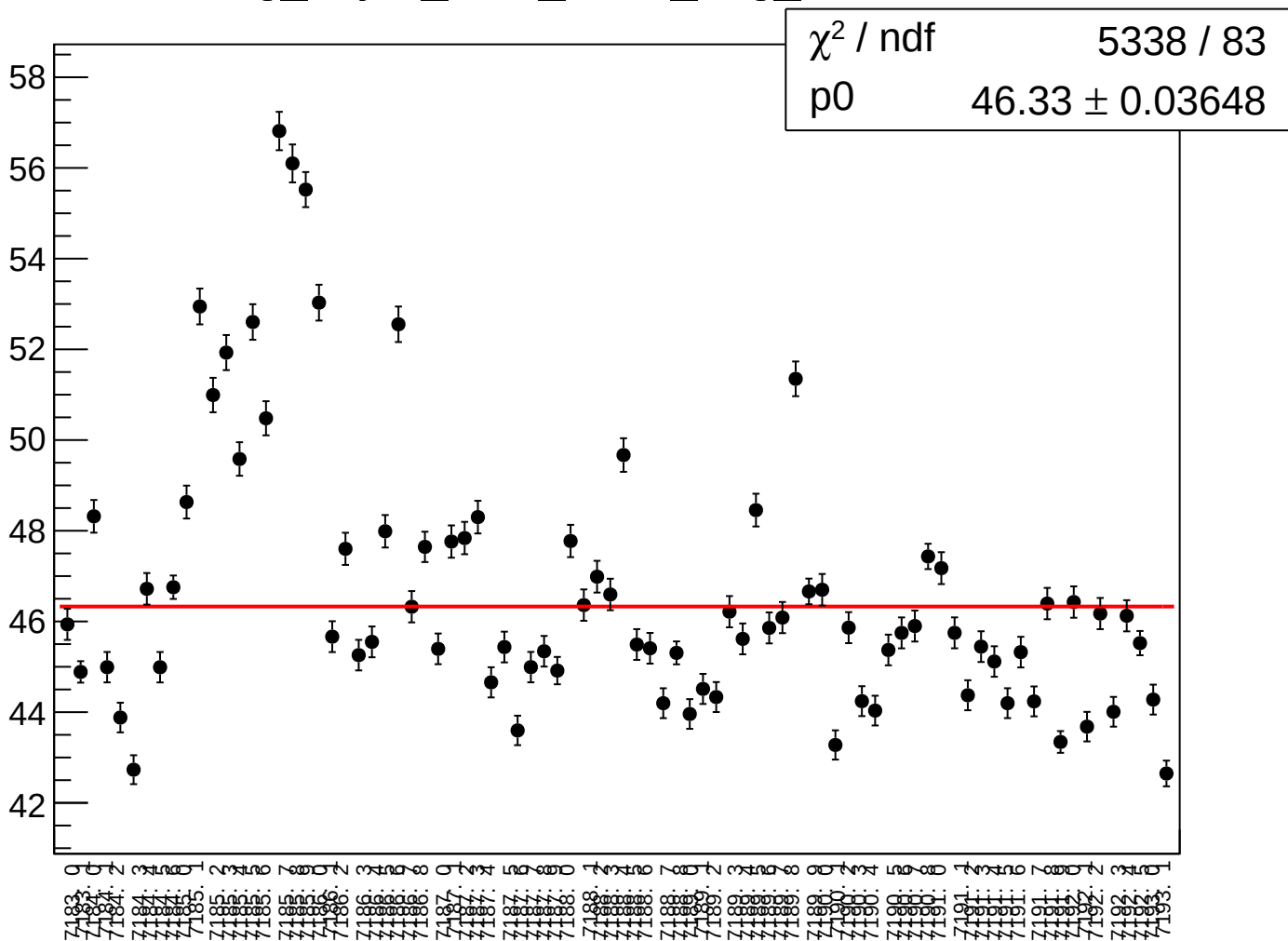
asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs run



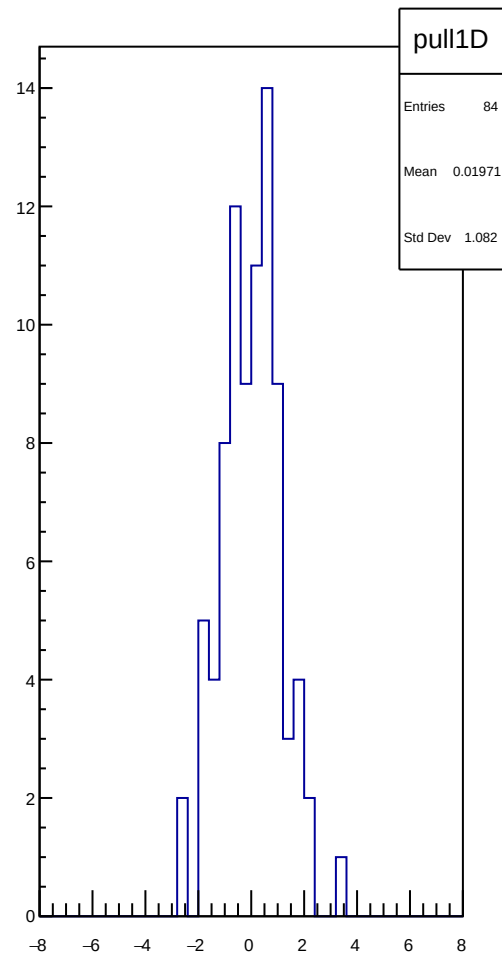
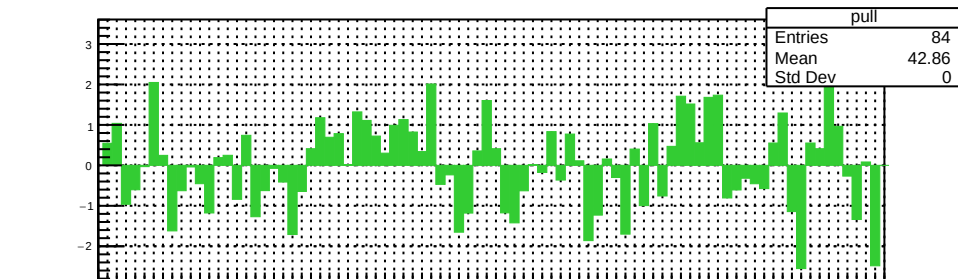
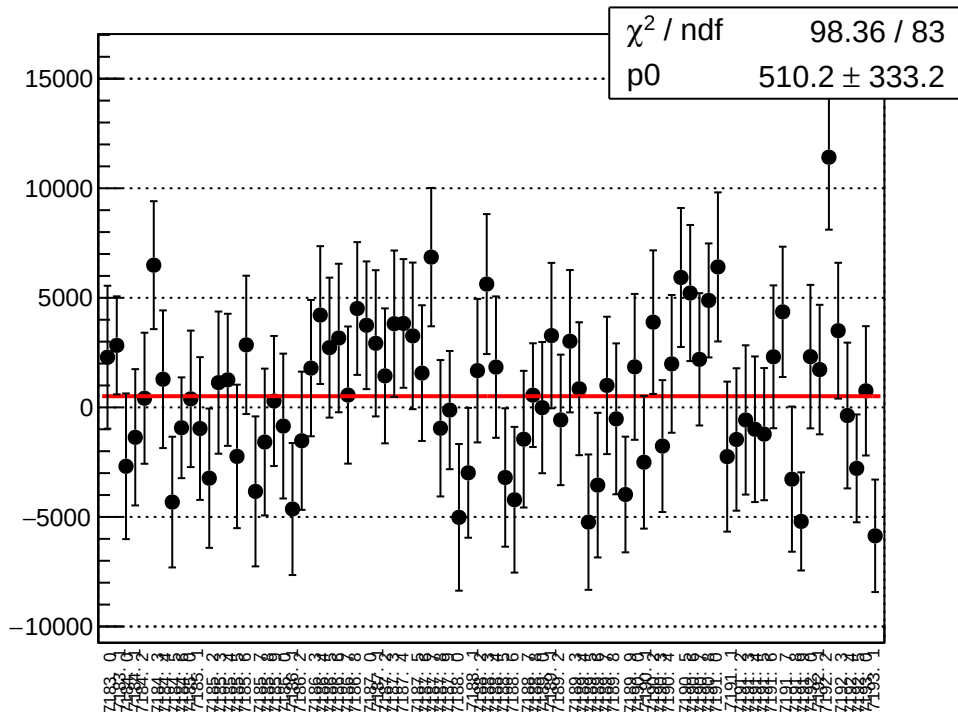
reg_asym_sam_1357_avg_mean vs run



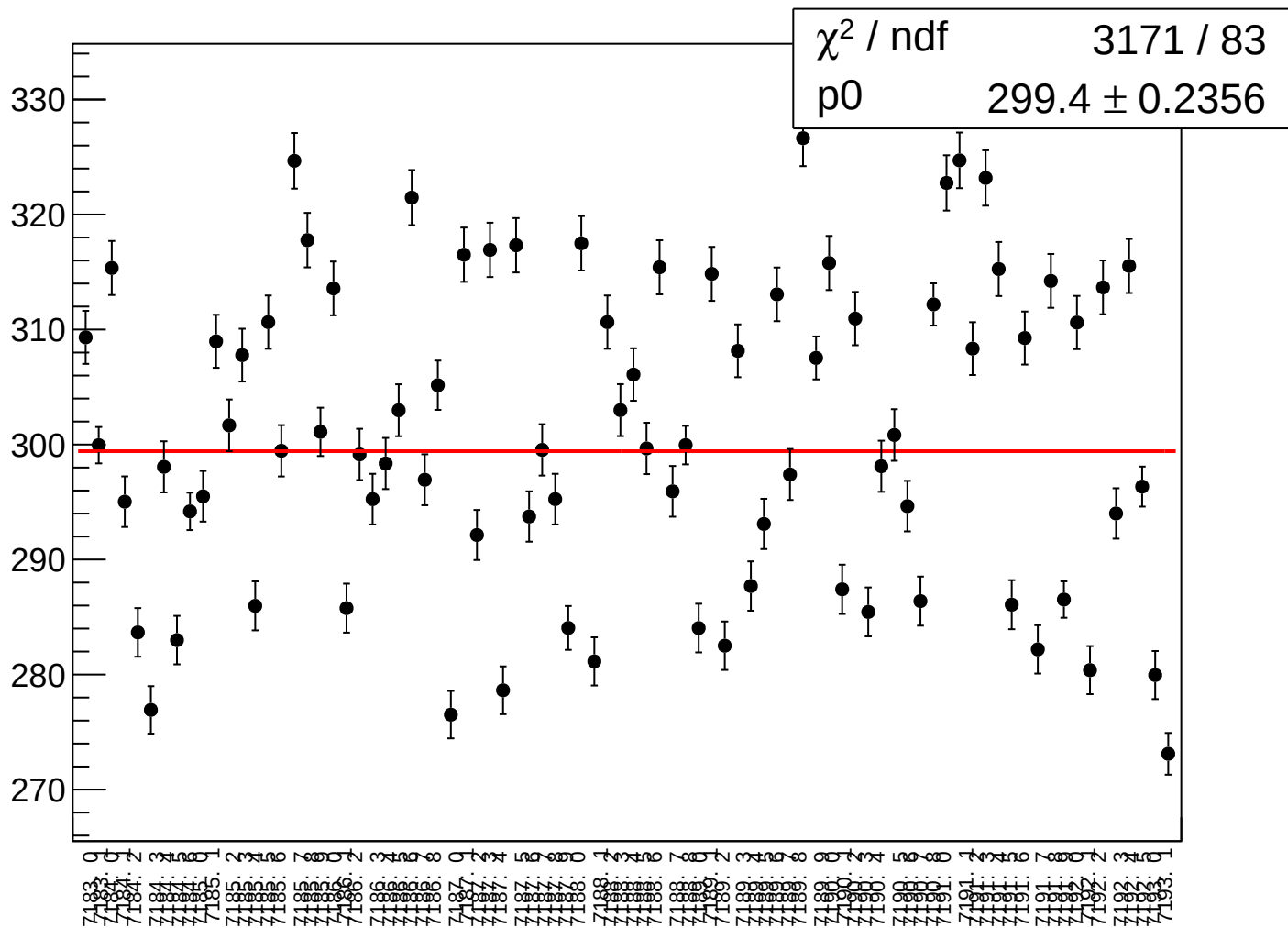
reg_asym_sam_1357_avg_rms vs run



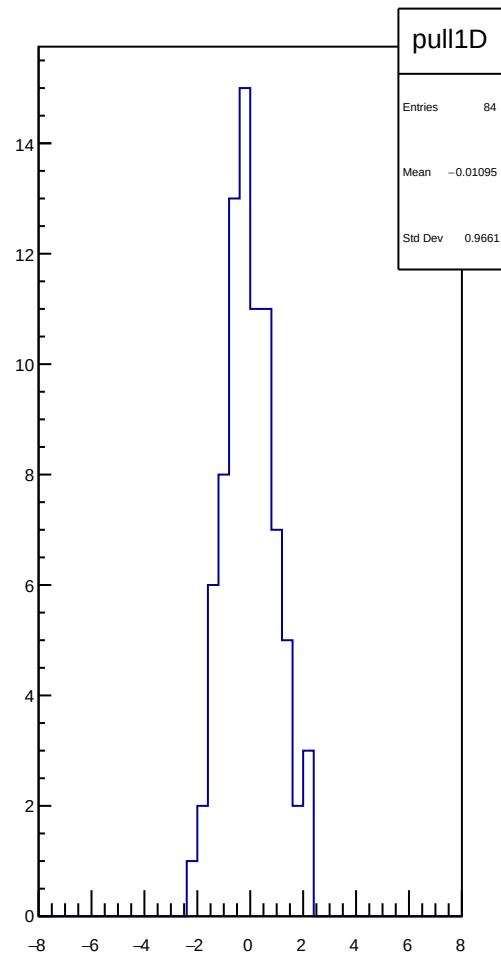
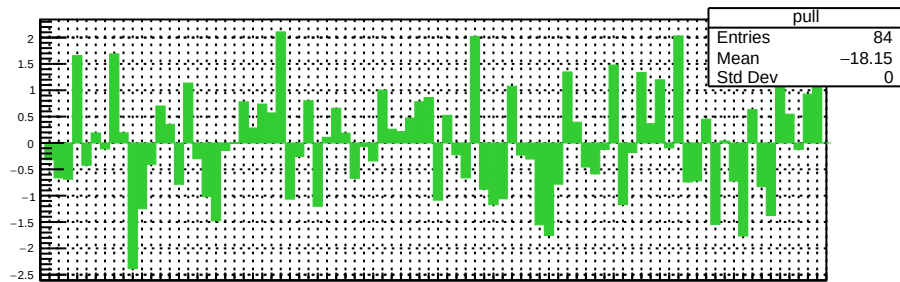
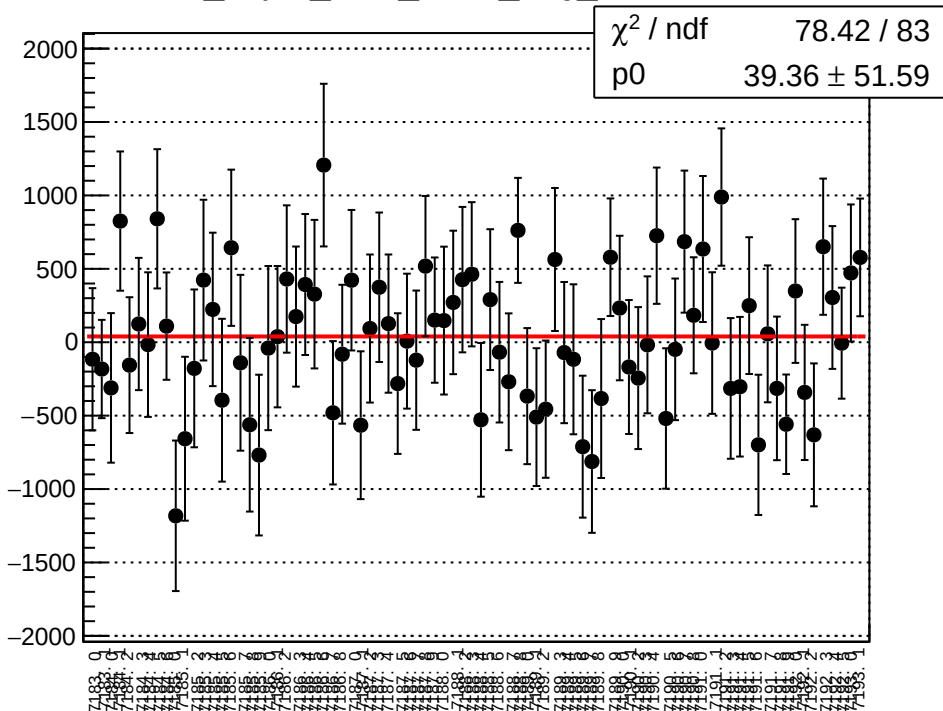
asym_sam_1357_avg_reg_correction_mean vs run



asym_sam_1357_avg_reg_correction_rms vs run



cor_asym_sam_1357_avg_mean vs run

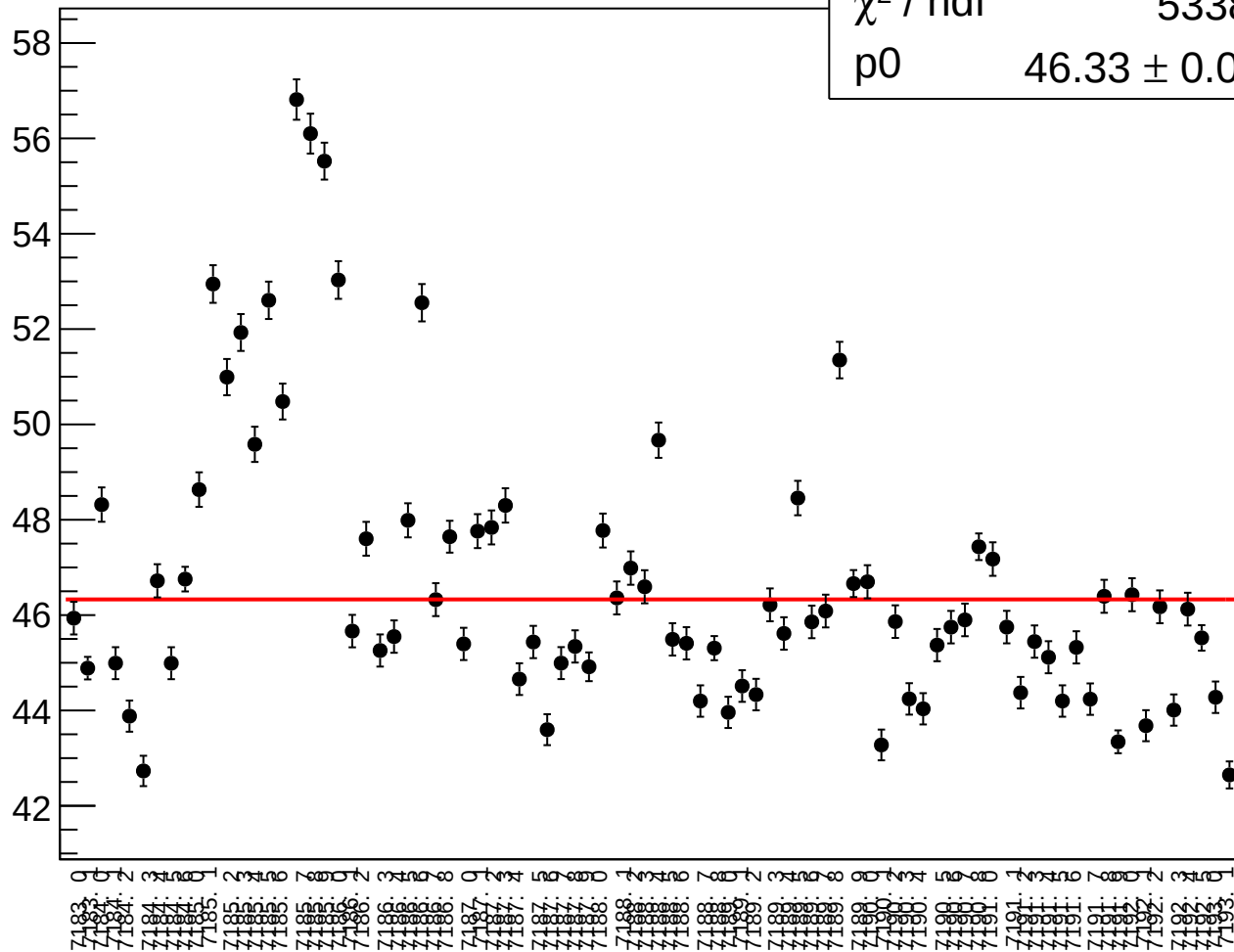


cor_asym_sam_1357_avg_rms vs run

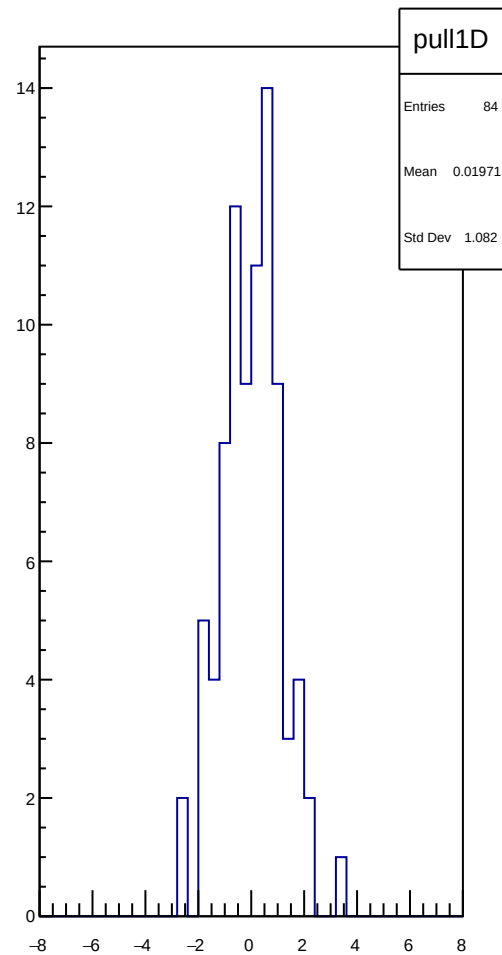
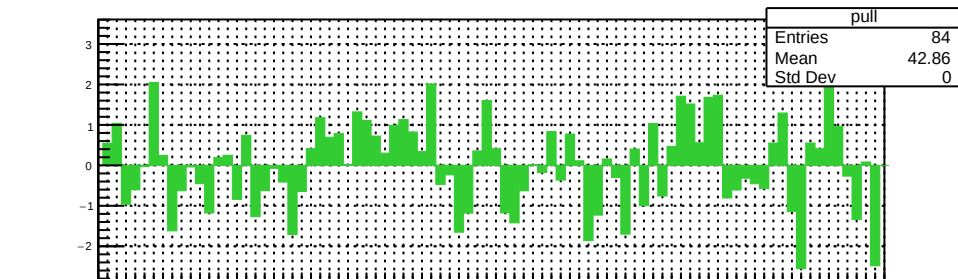
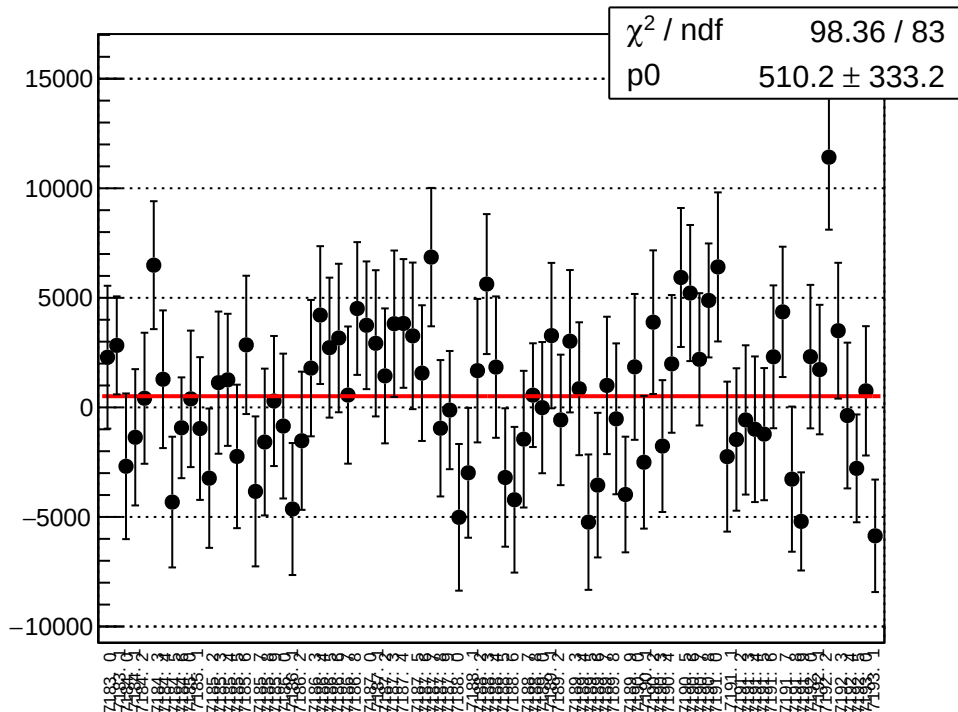
 χ^2 / ndf

5338 / 83

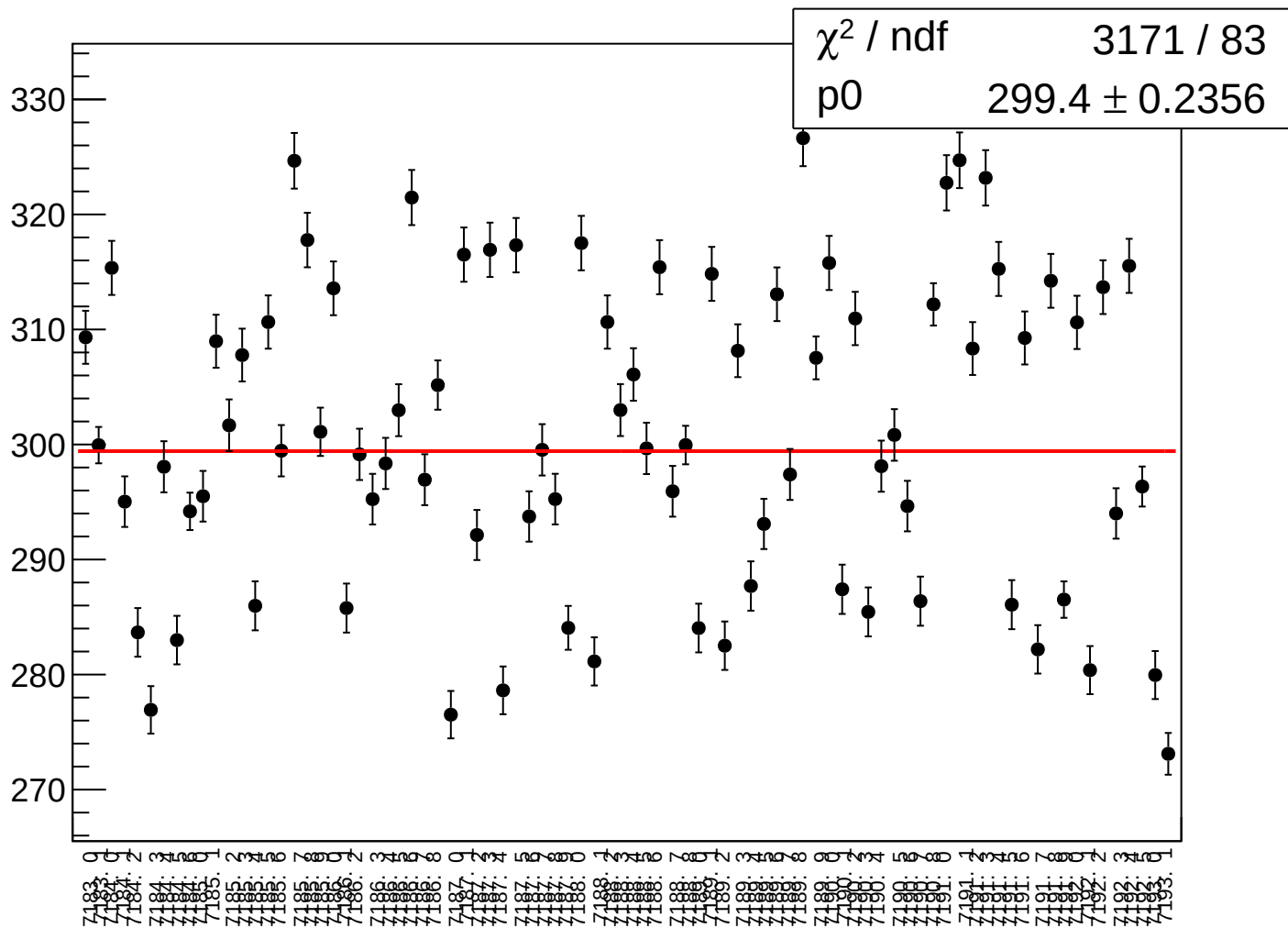
p0

 46.33 ± 0.03648 

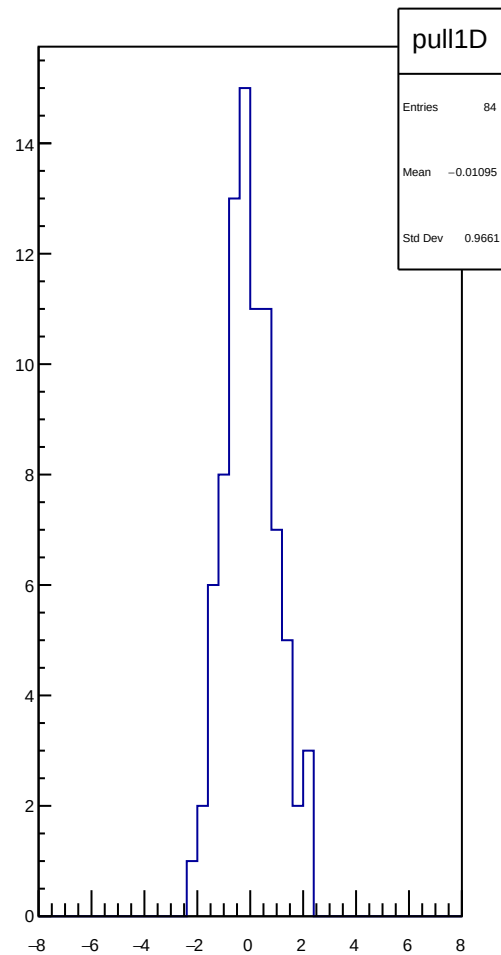
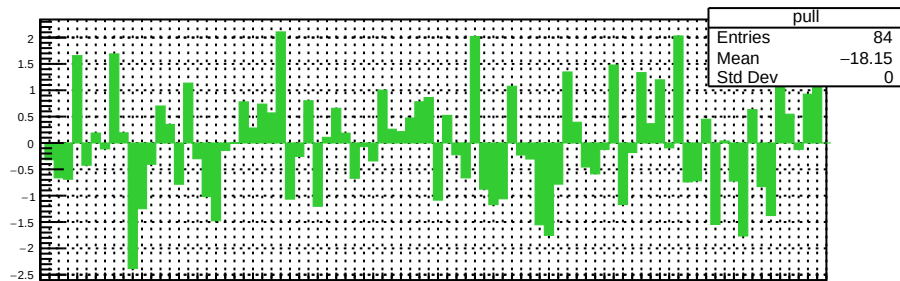
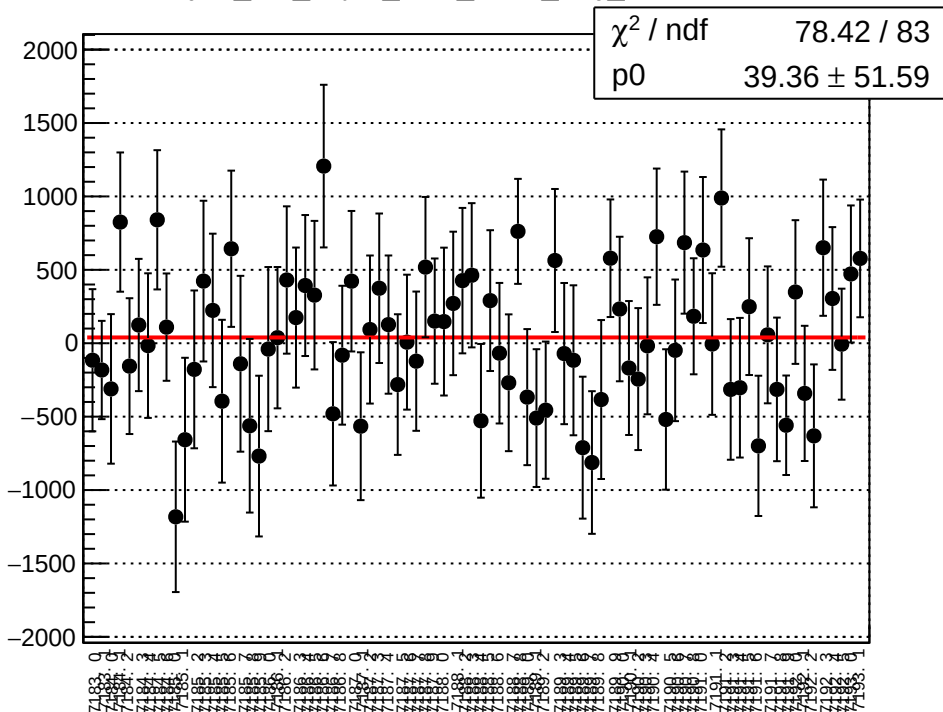
asym_sam_1357_avg_cor_correction_mean vs run



asym_sam_1357_avg_cor_correction_rms vs run



eigen_cor_asym_sam_1357_avg_mean vs run



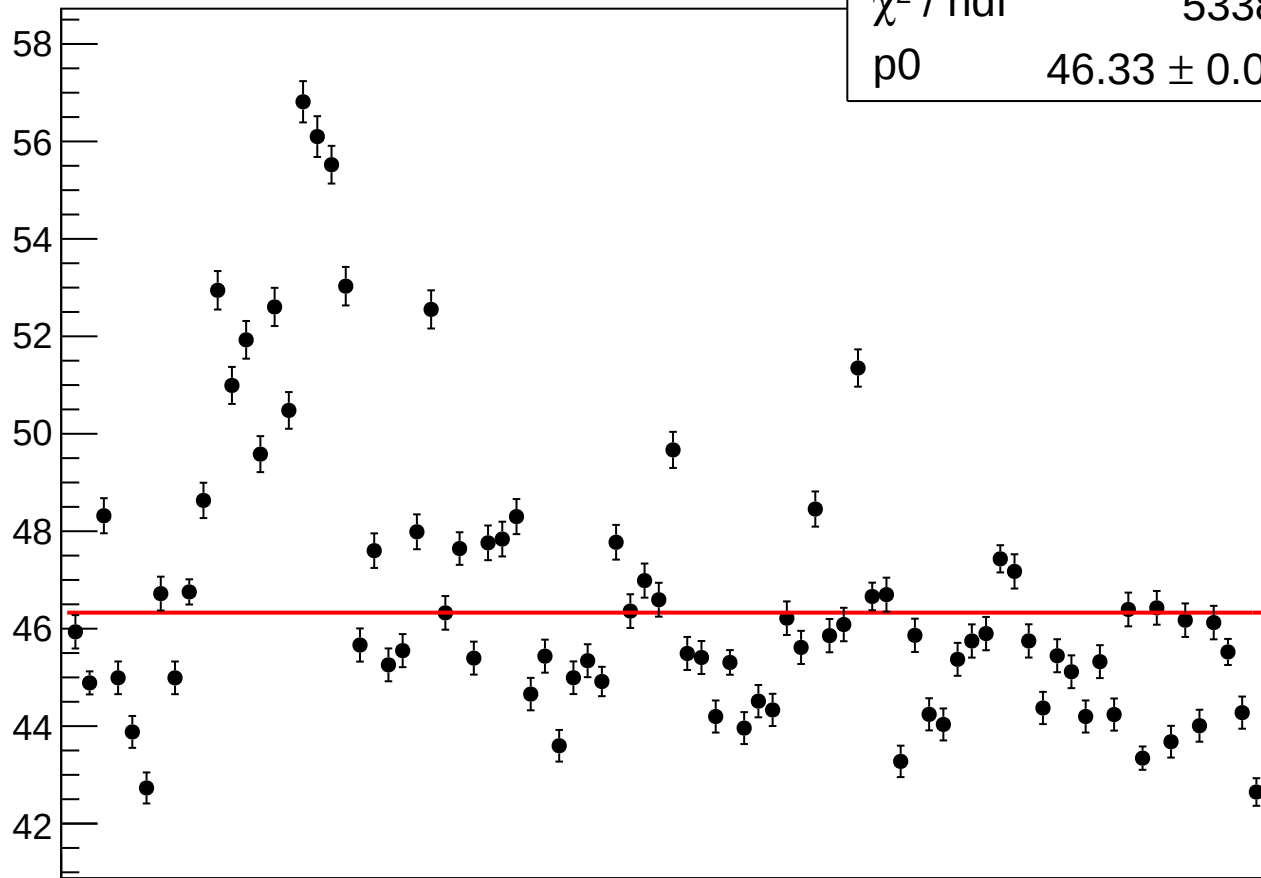
eigen_cor_asym_sam_1357_avg_rms vs run

χ^2 / ndf

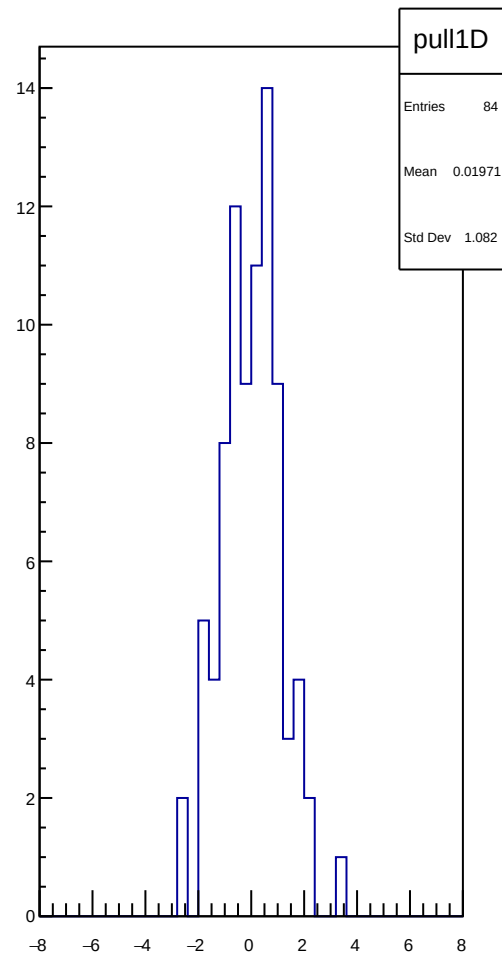
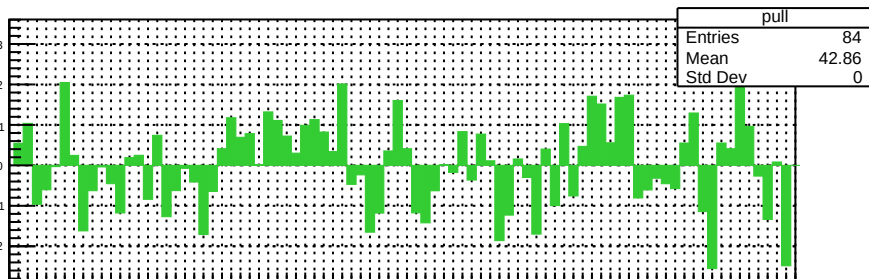
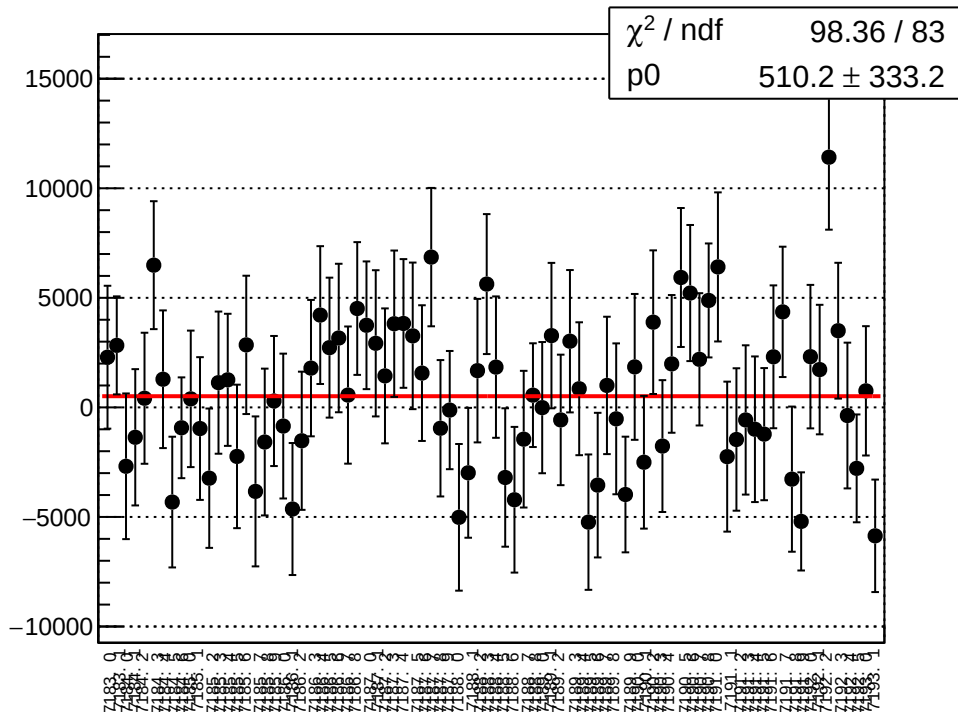
5338 / 83

p0

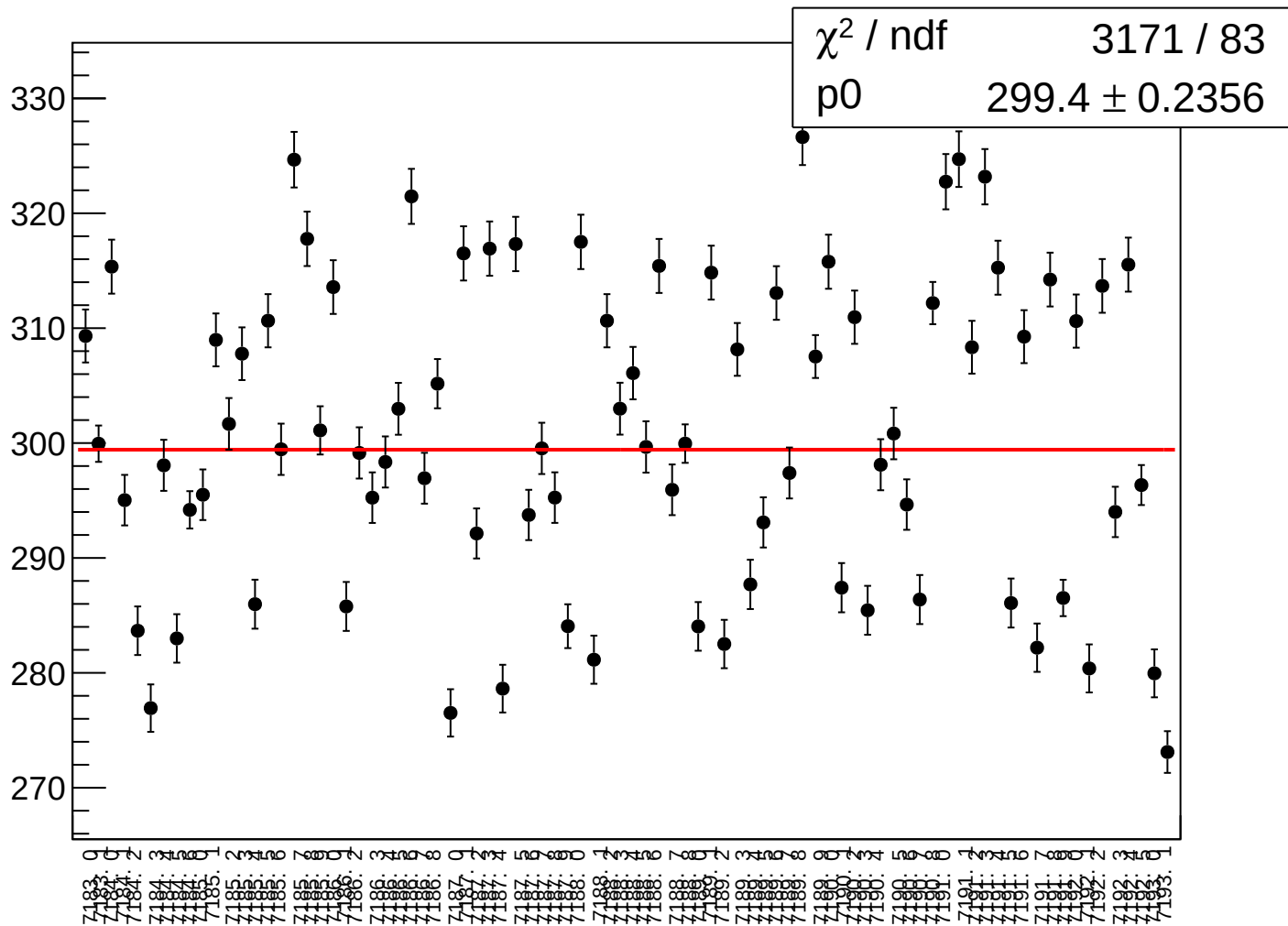
46.33 ± 0.03648



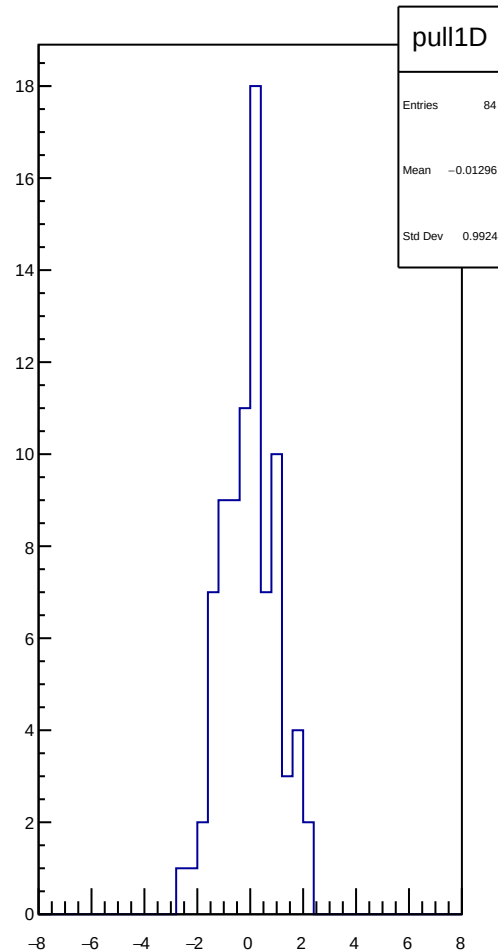
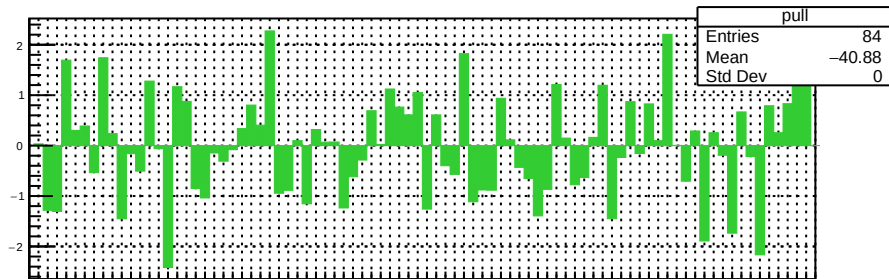
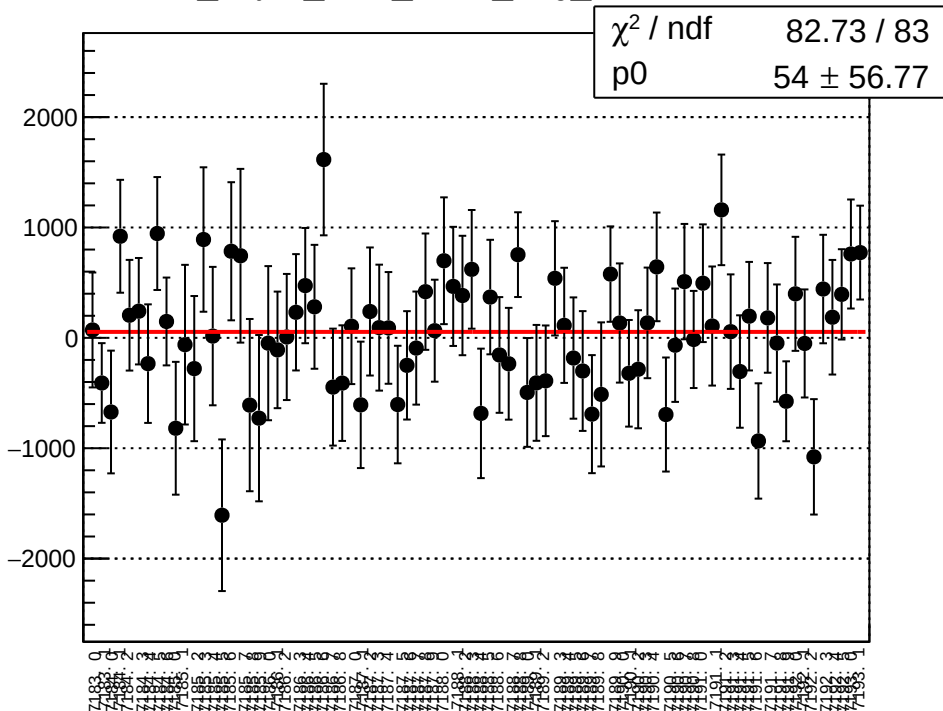
asym_sam_1357_avg_eigen_cor_correction_mean vs run



asym_sam_1357_avg_eigen_cor_correction_rms vs run

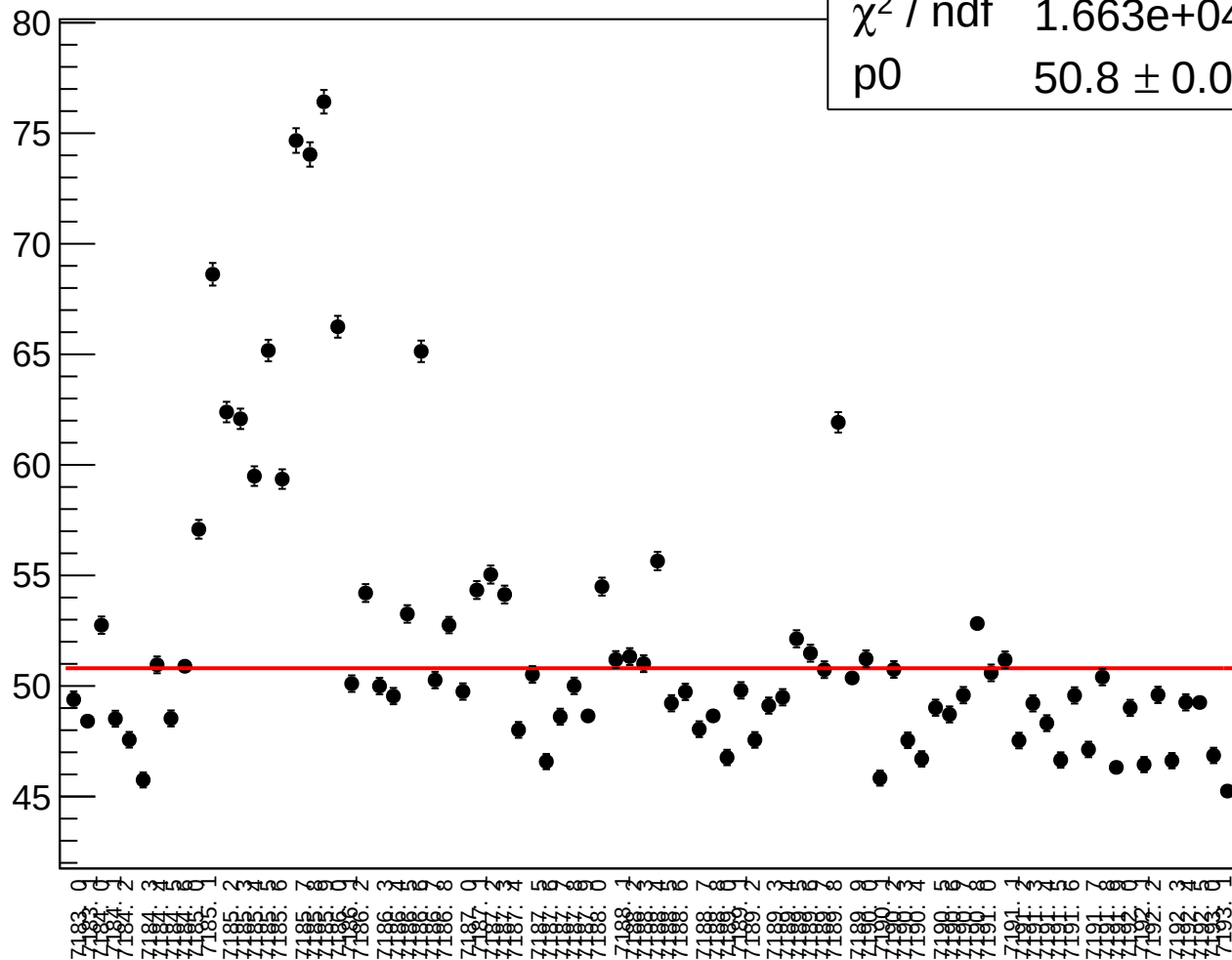


dit_asym_sam_1357_avg_mean vs run

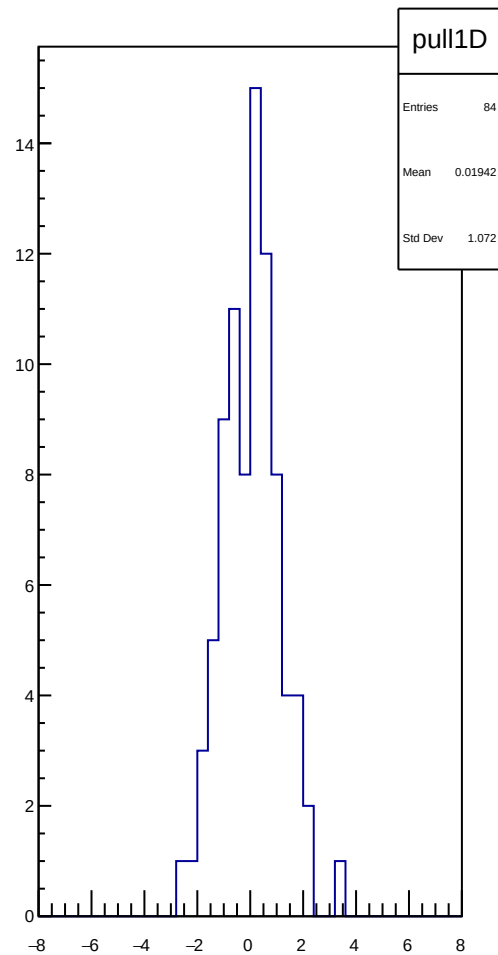
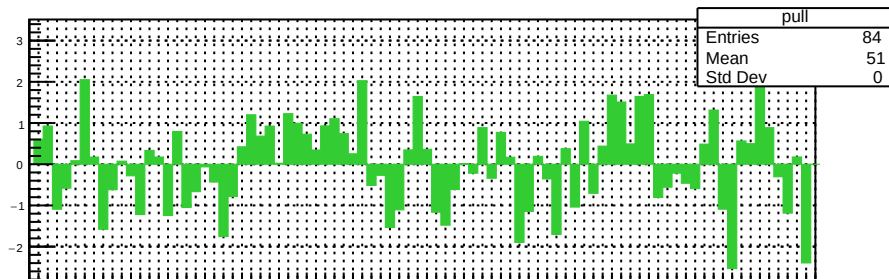
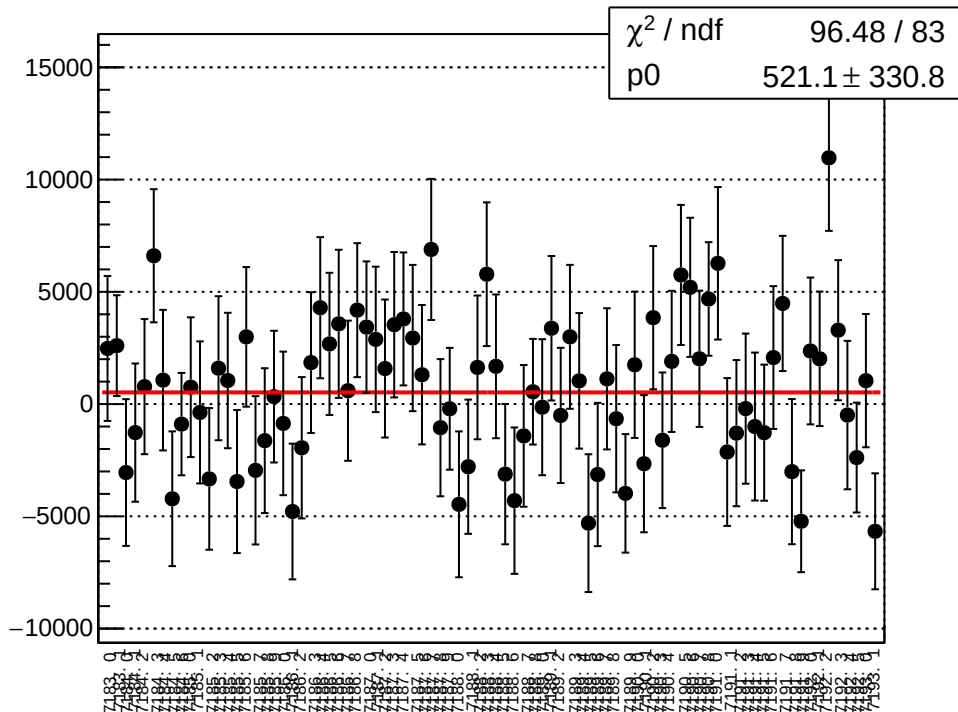


dit_asym_sam_1357_avg_rms vs run

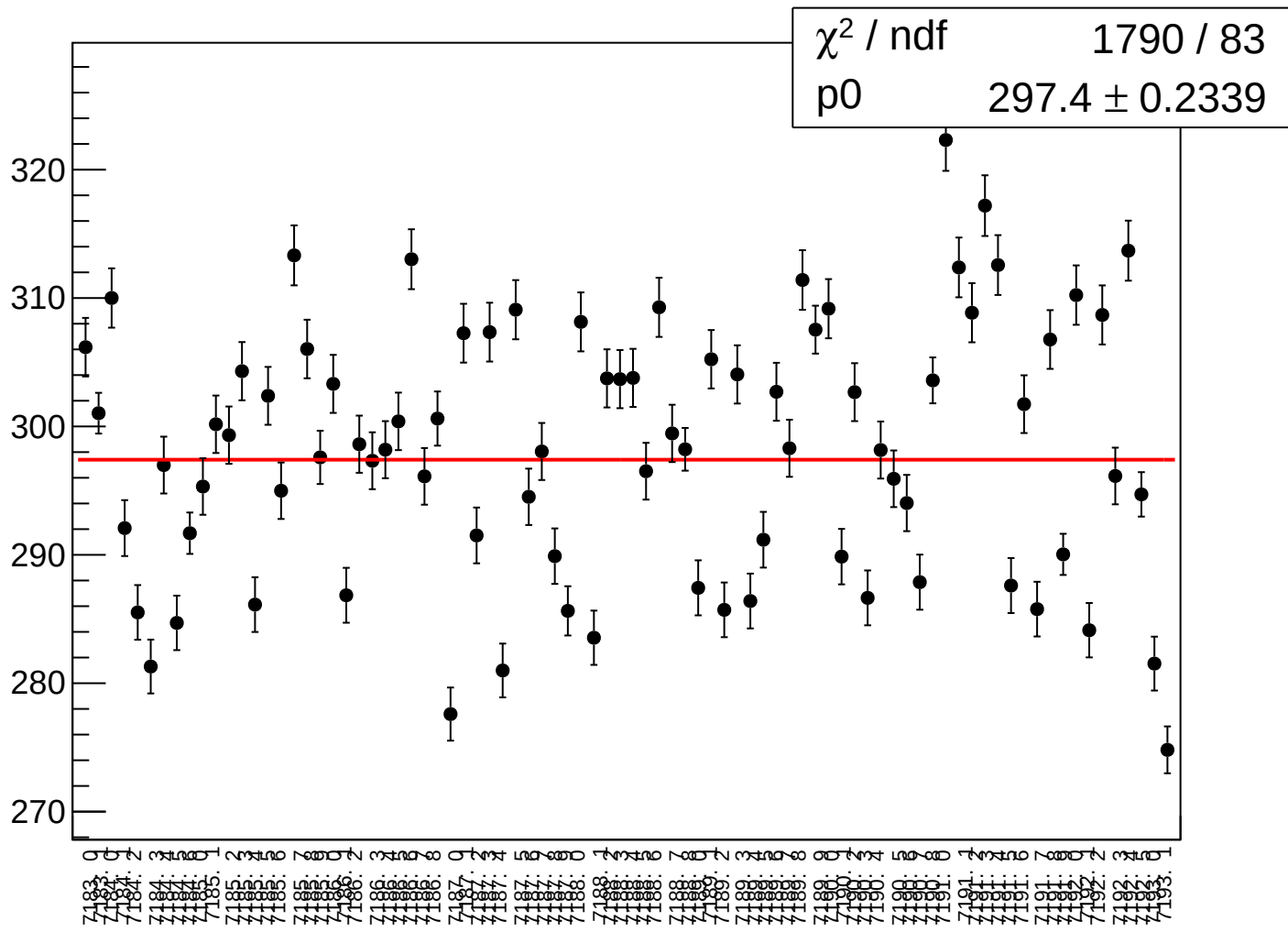
χ^2 / ndf 1.663e+04 / 83
p0 50.8 ± 0.04014



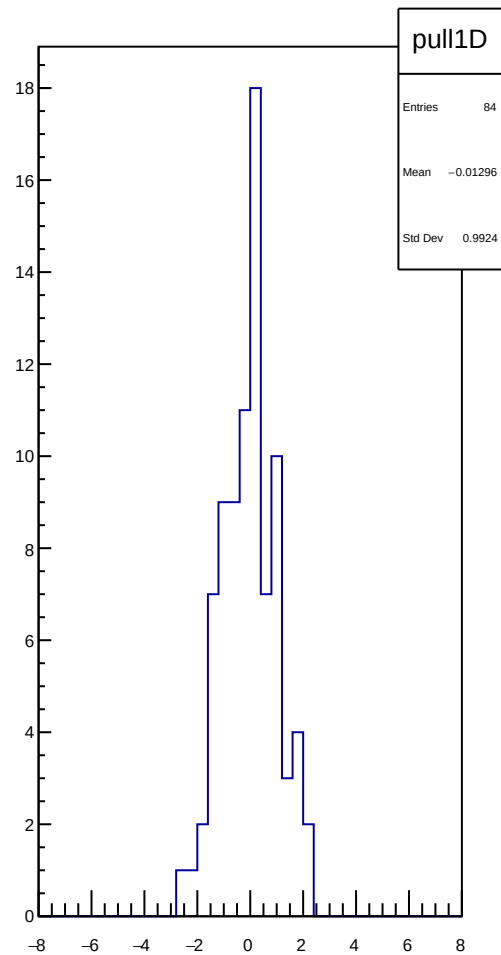
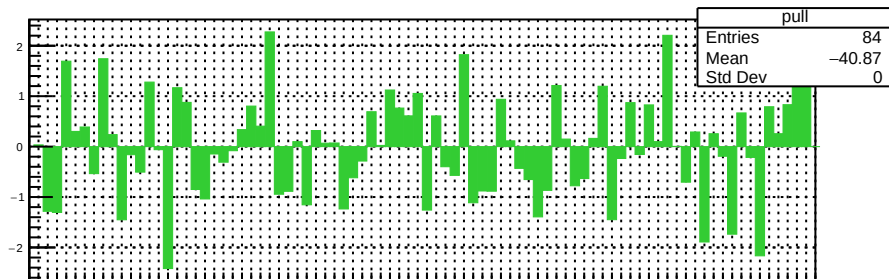
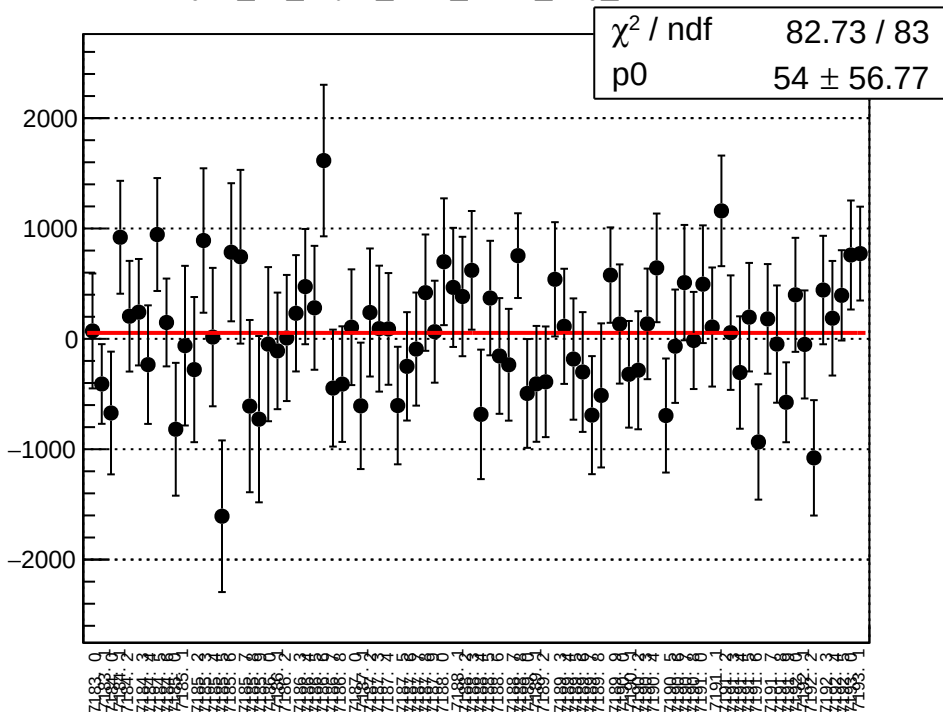
asym_sam_1357_avg_dit_correction_mean vs run



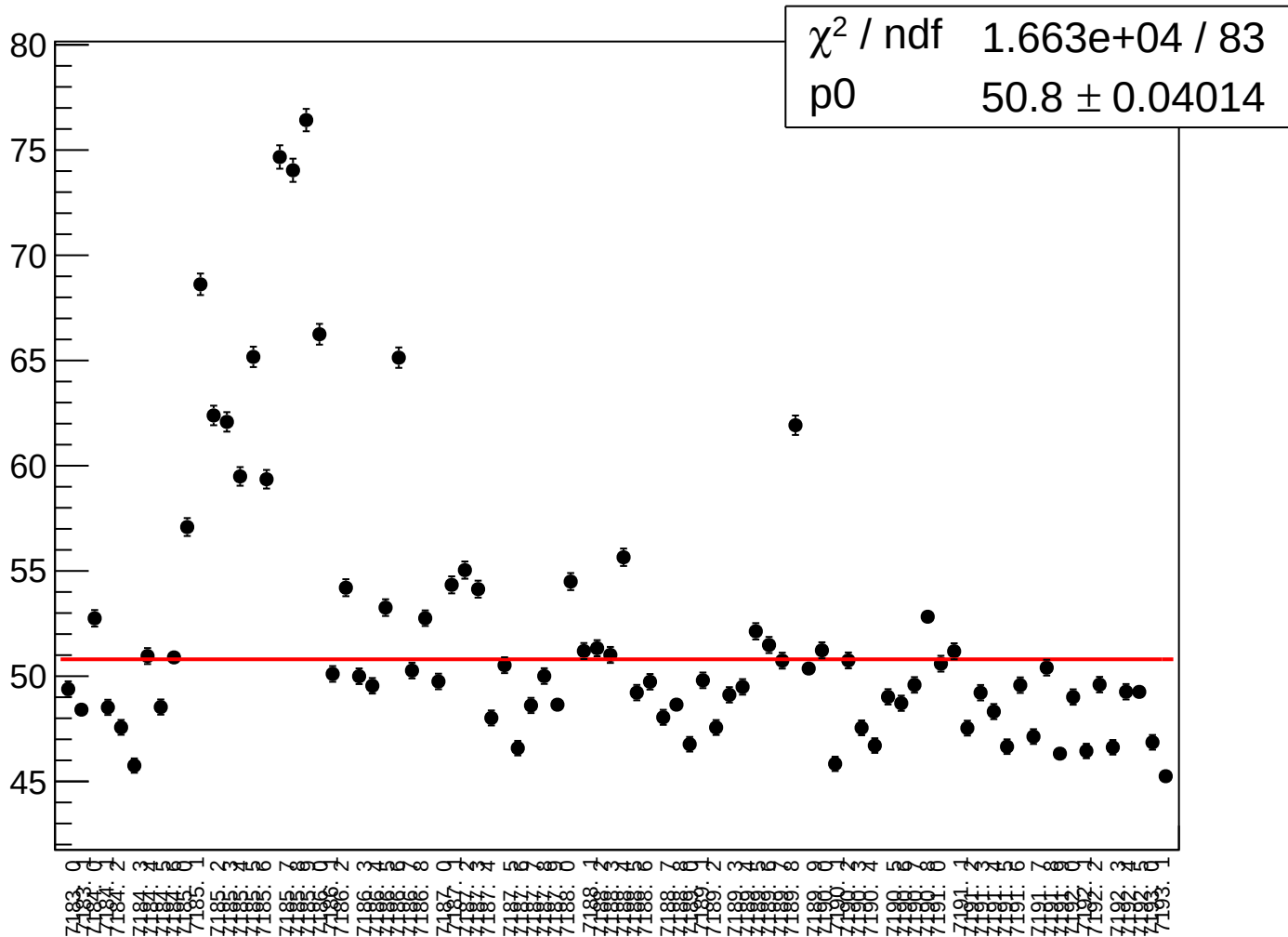
asym_sam_1357_avg_dit_correction_rms vs run



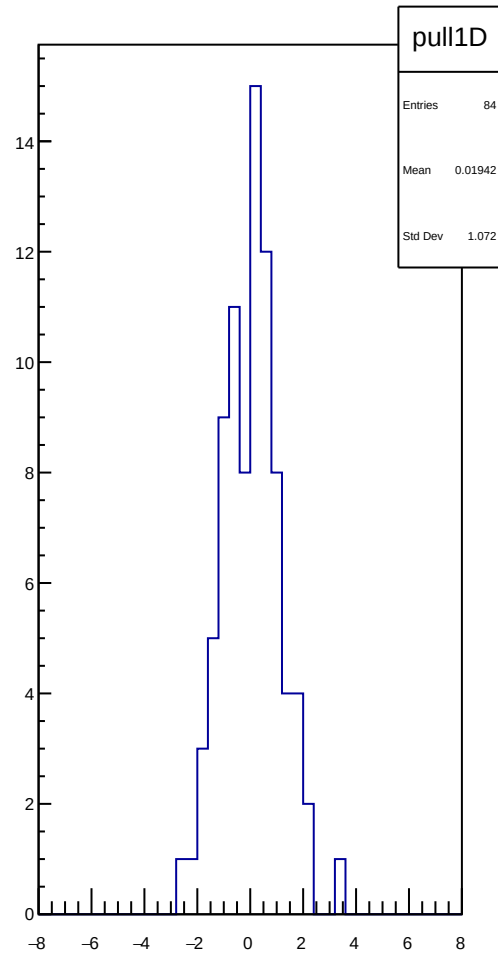
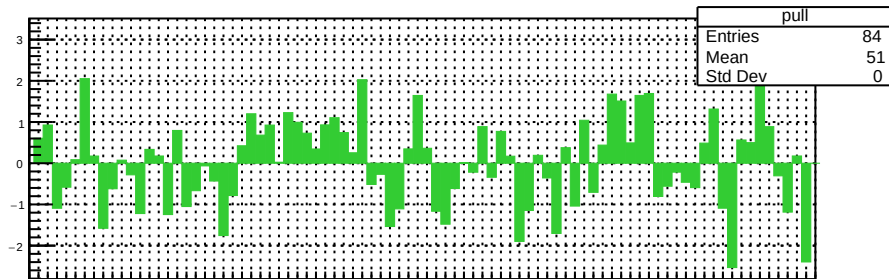
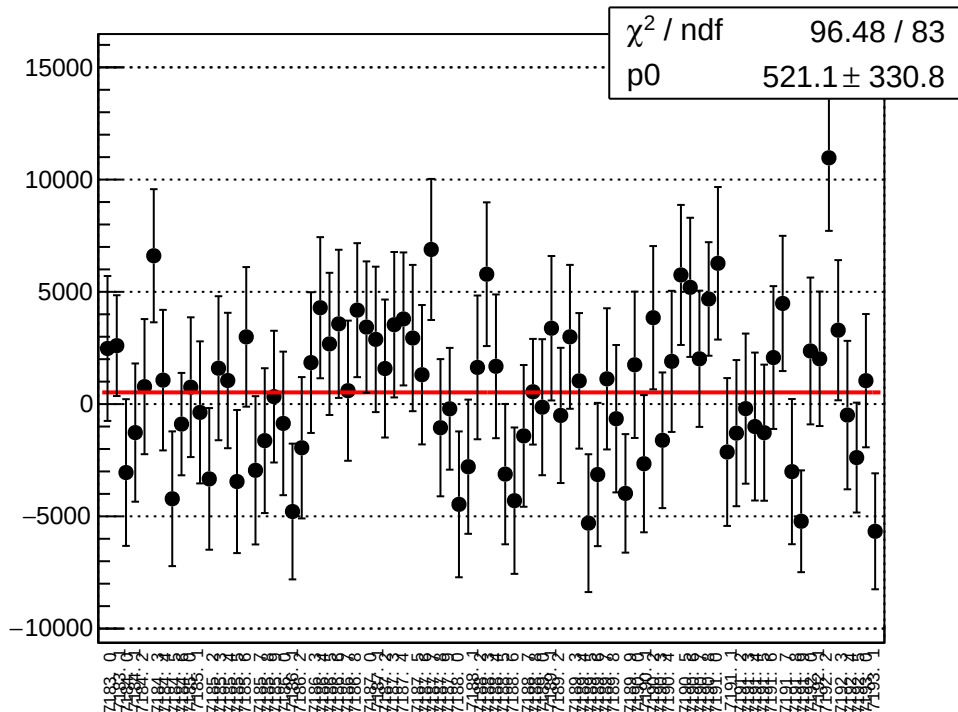
eigen_dit_asym_sam_1357_avg_mean vs run



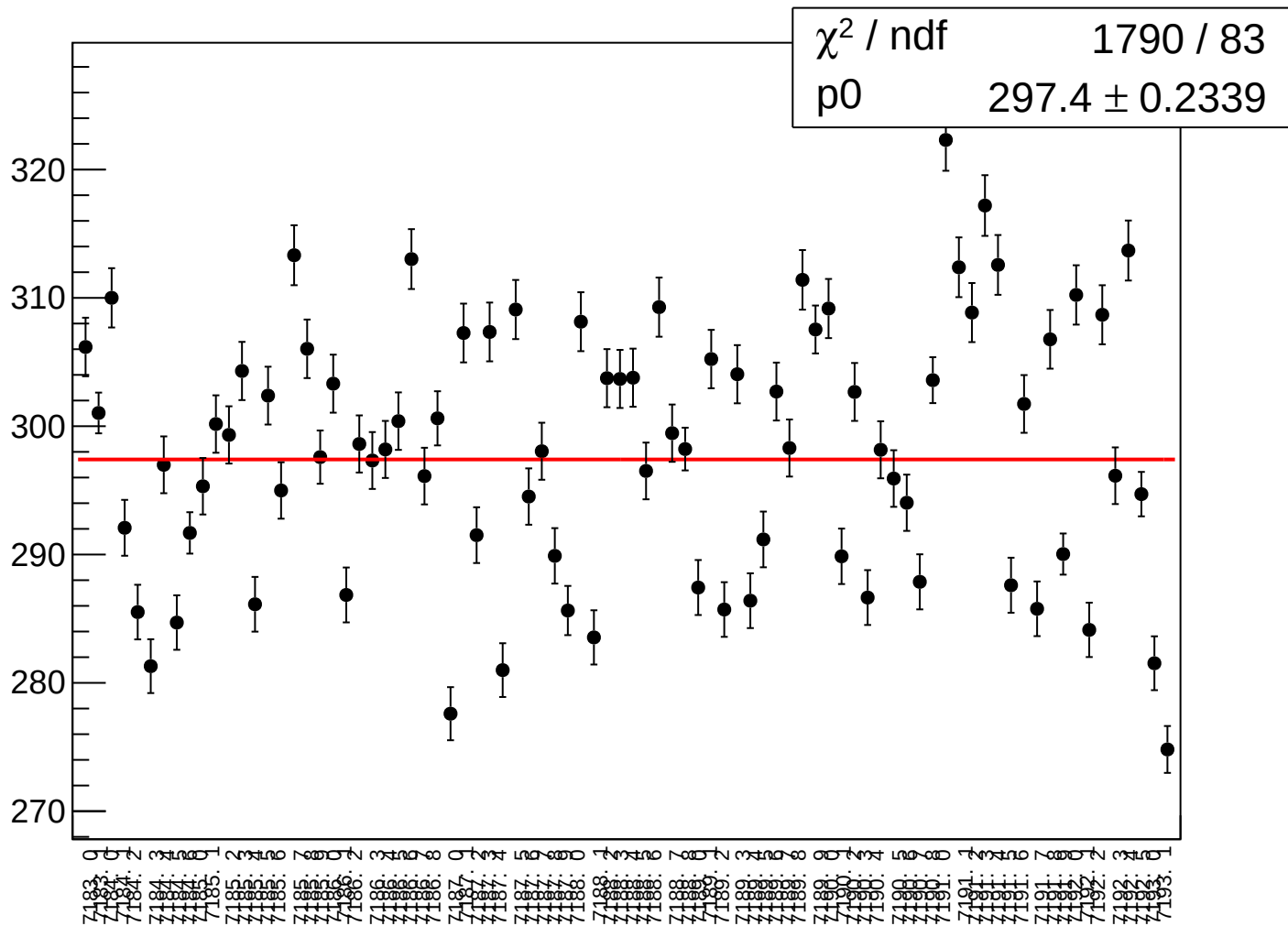
eigen_dit_asym_sam_1357_avg_rms vs run



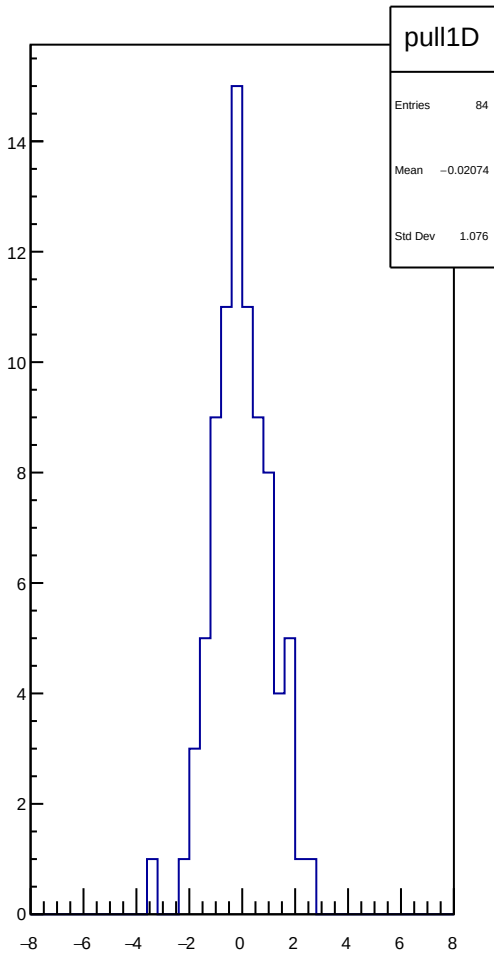
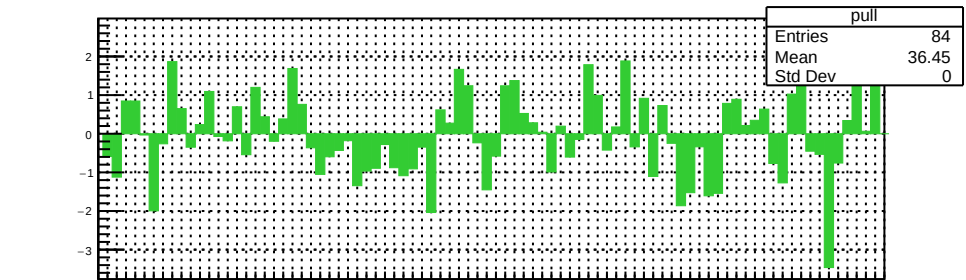
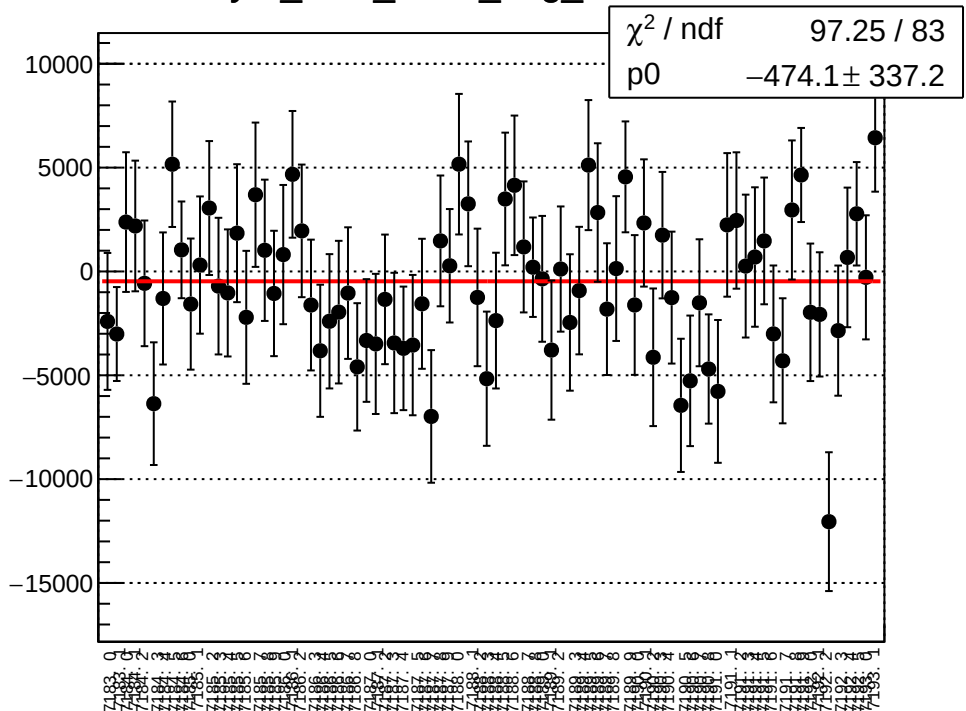
asym_sam_1357_avg_eigen_dit_correction_mean vs un



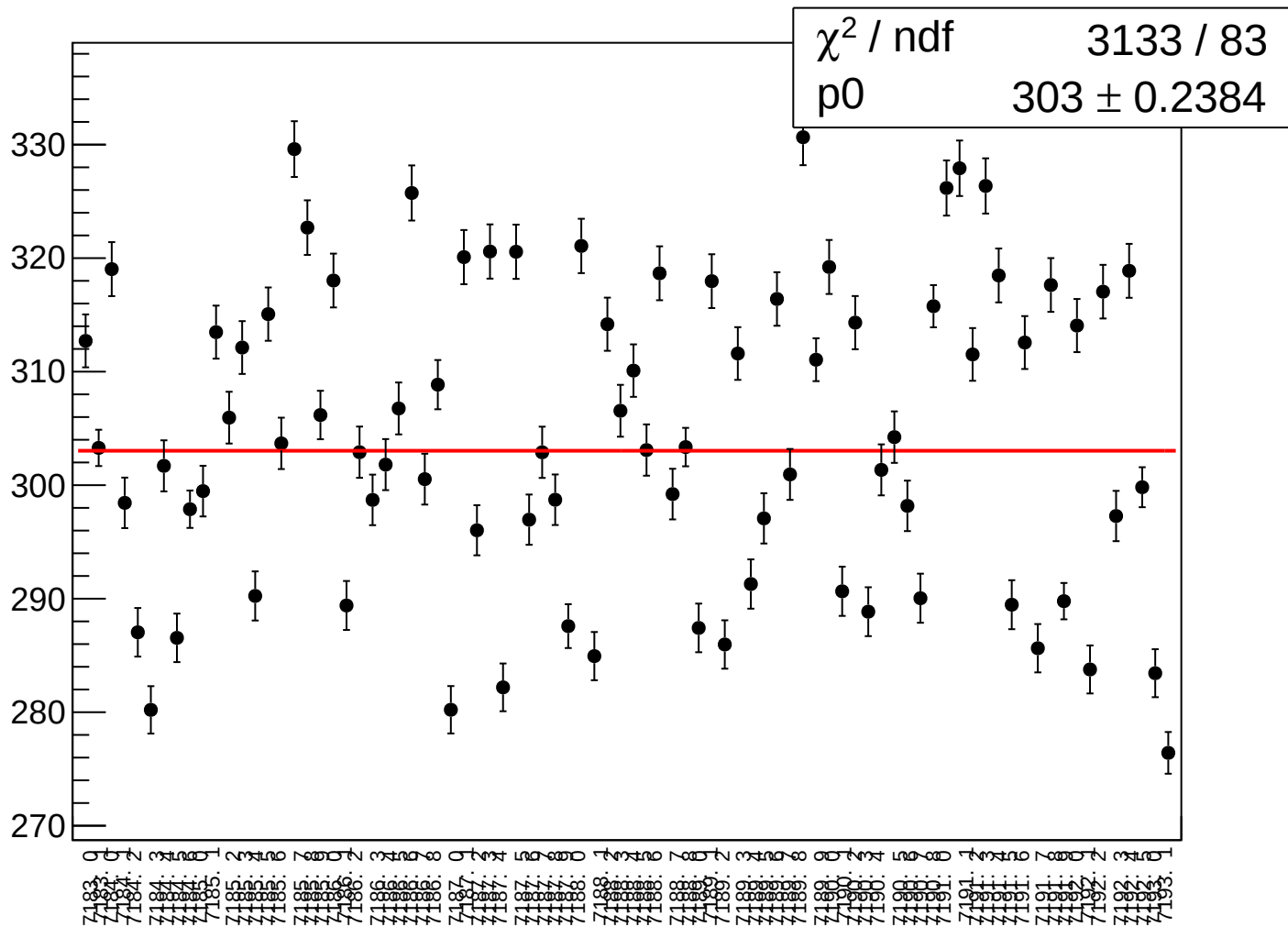
asym_sam_1357_avg_eigen_dit_correction_rms vs run



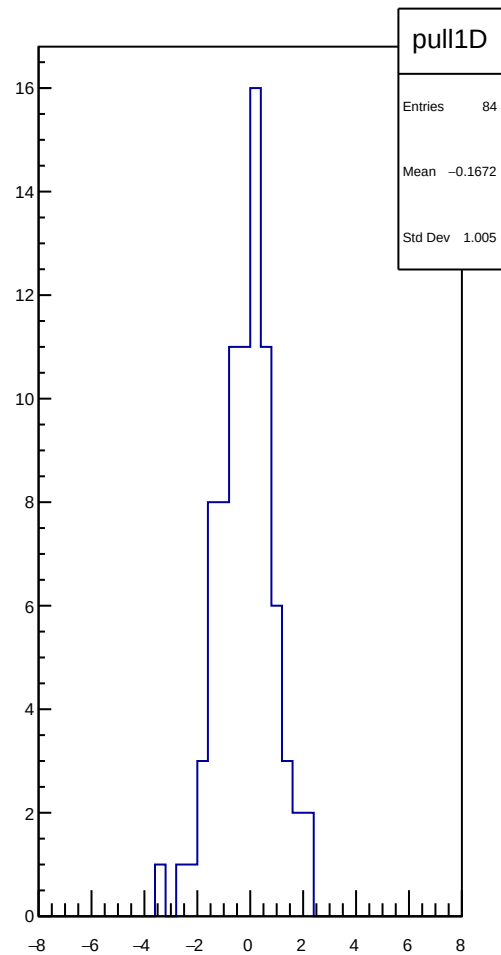
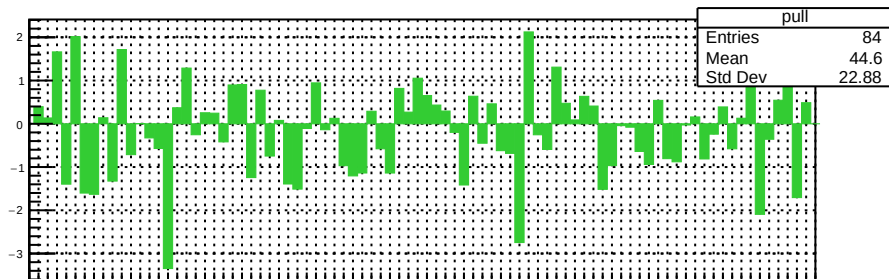
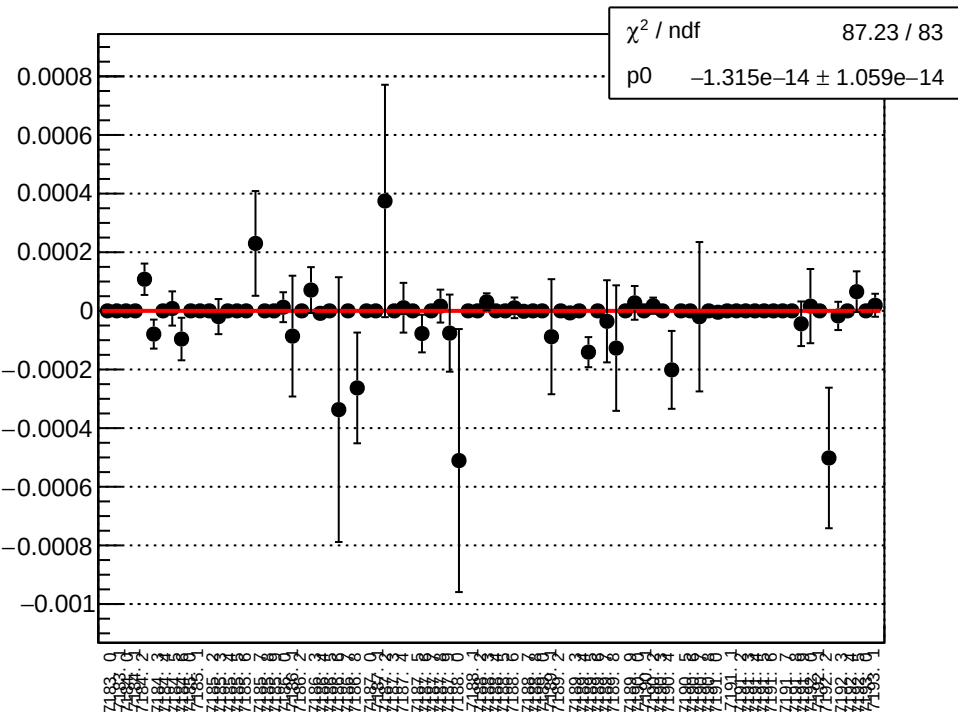
asym_sam_1357_avg_mean vs run



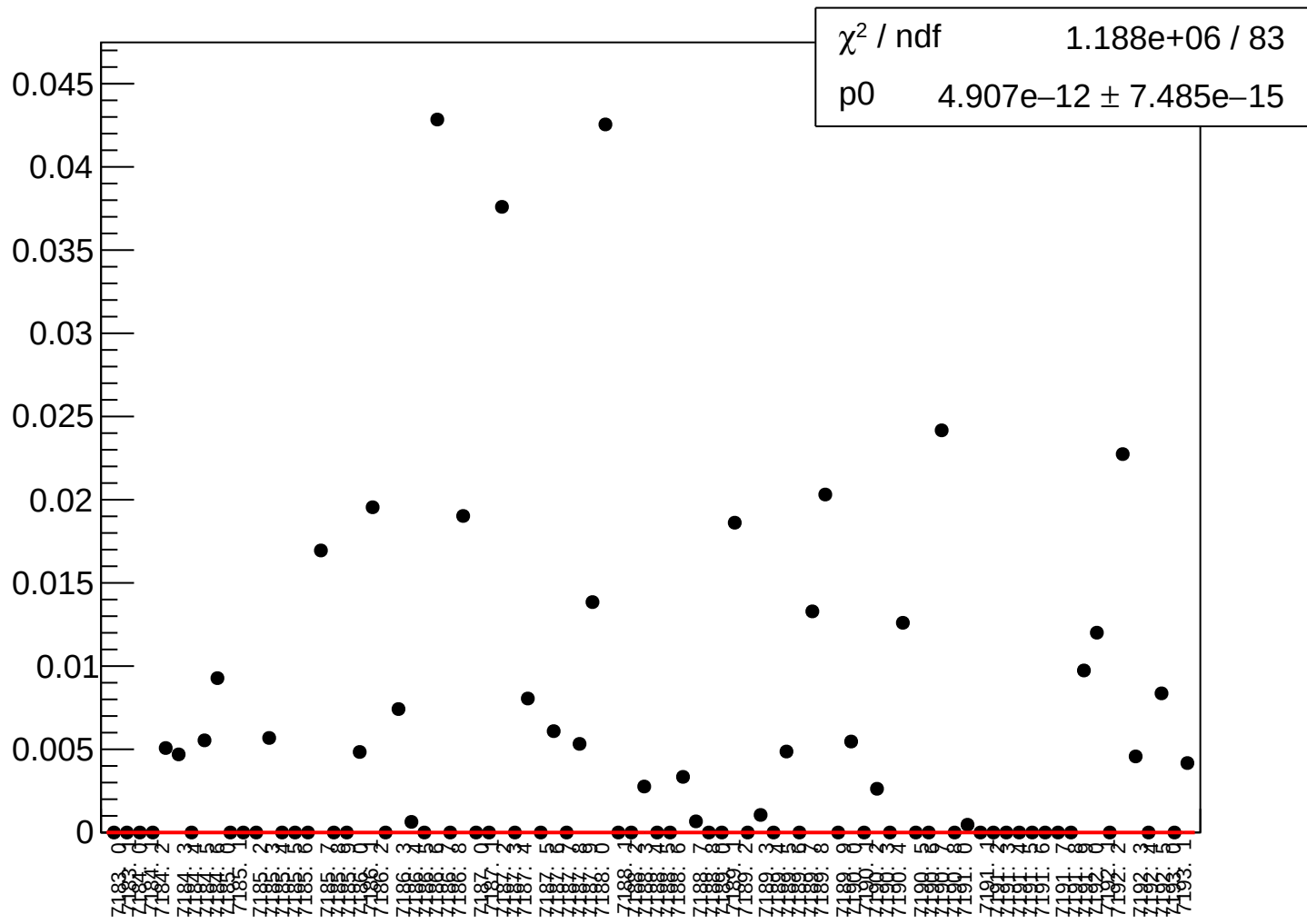
asym_sam_1357_avg_rms vs run



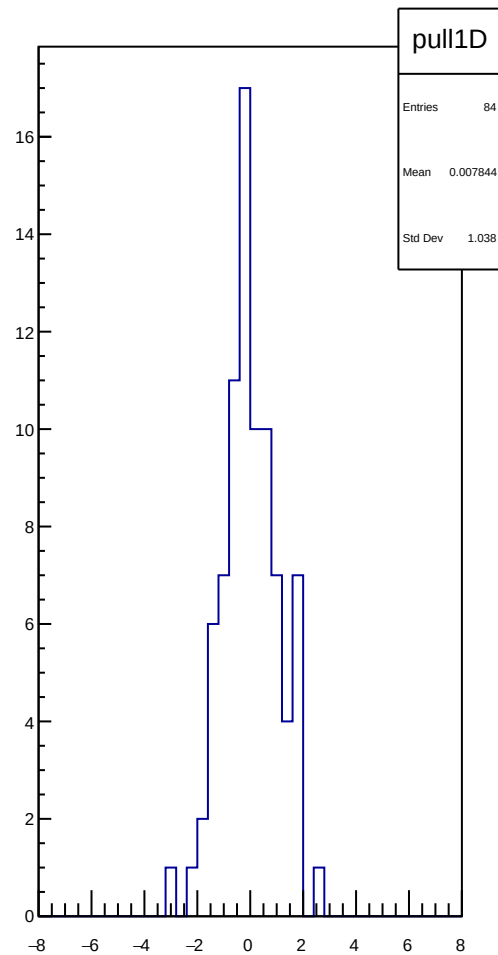
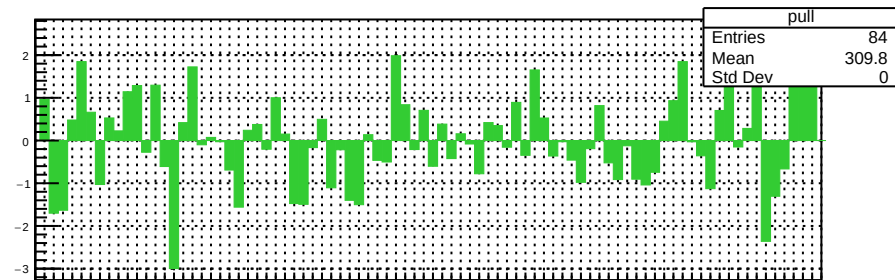
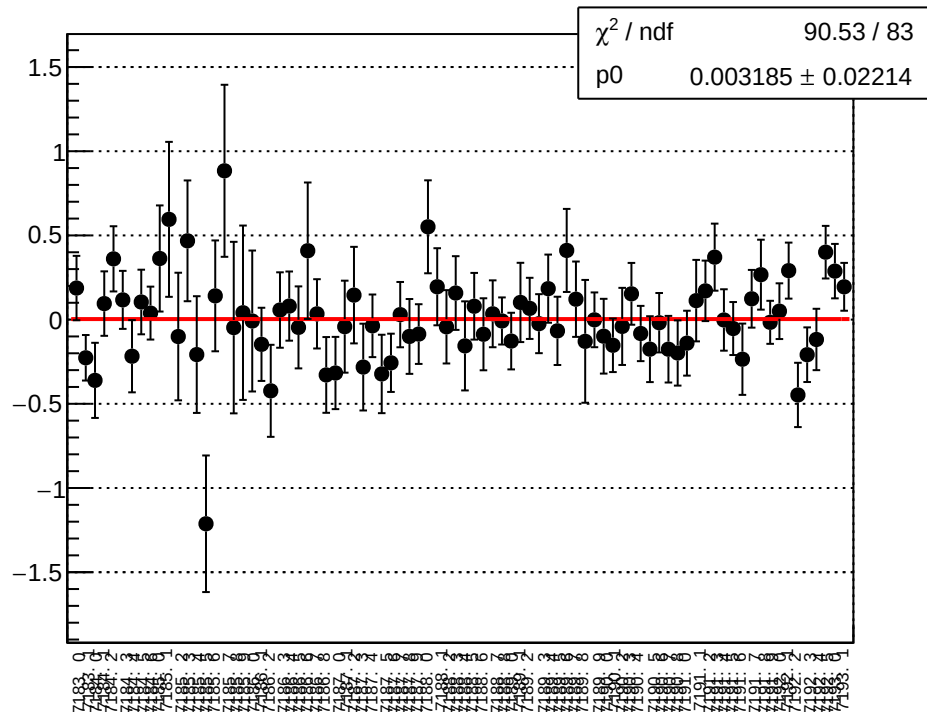
asym_sam_1357_avg_reg_vs_cor_diff_mean vs run



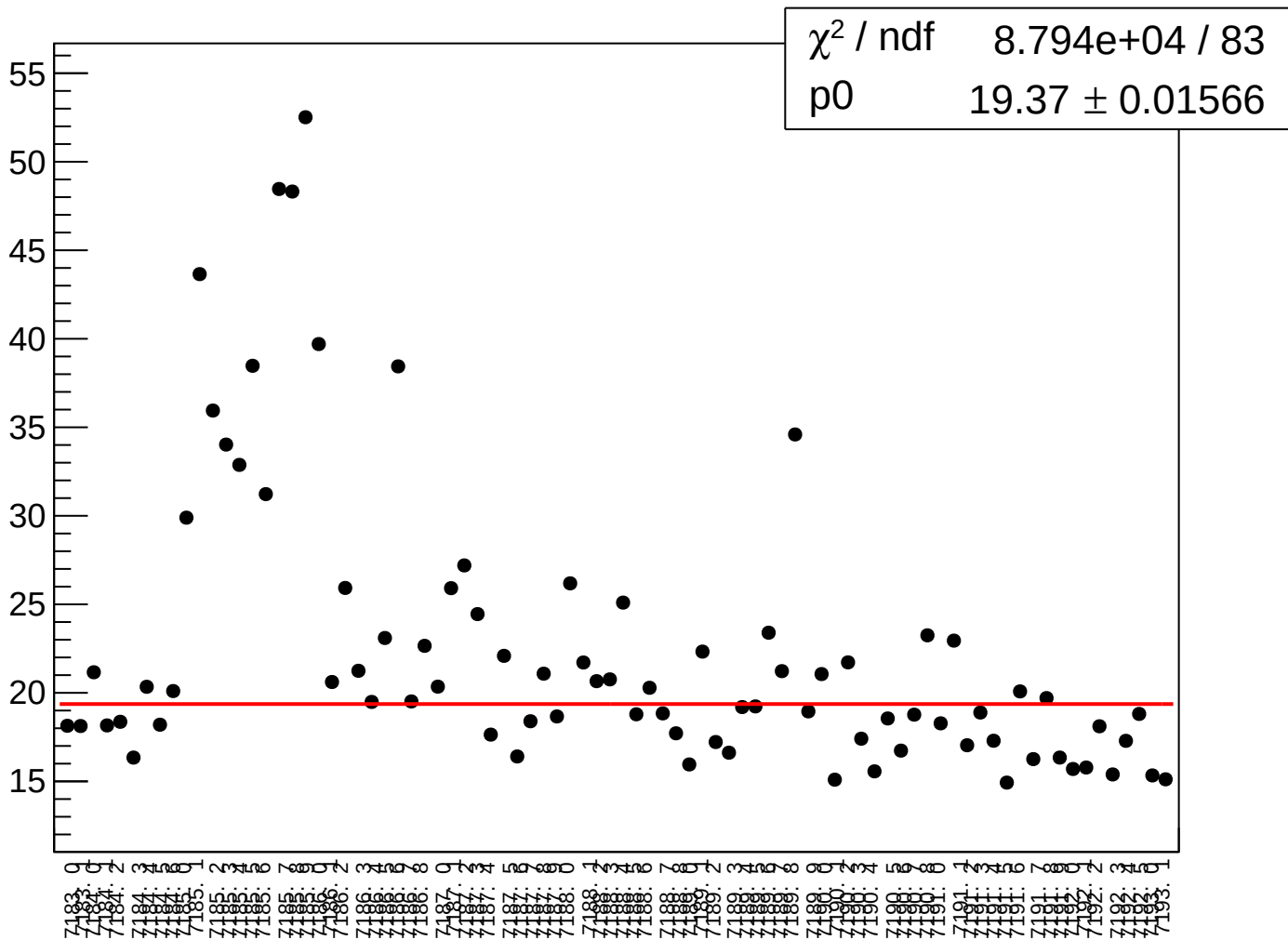
asym_sam_1357_avg_reg_vs_cor_diff_rms vs run



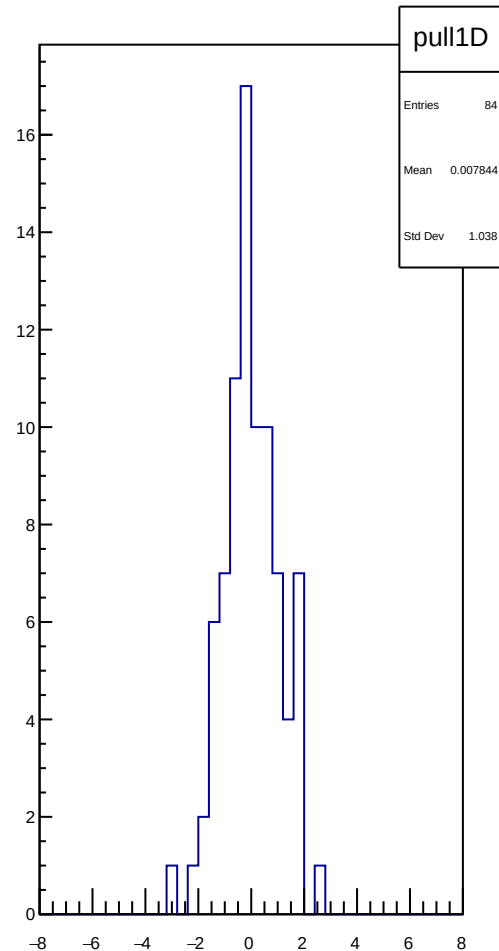
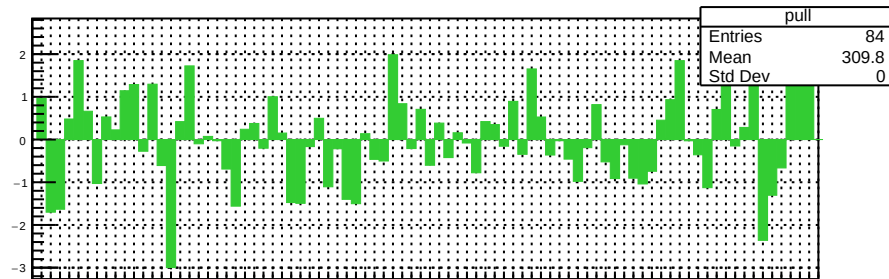
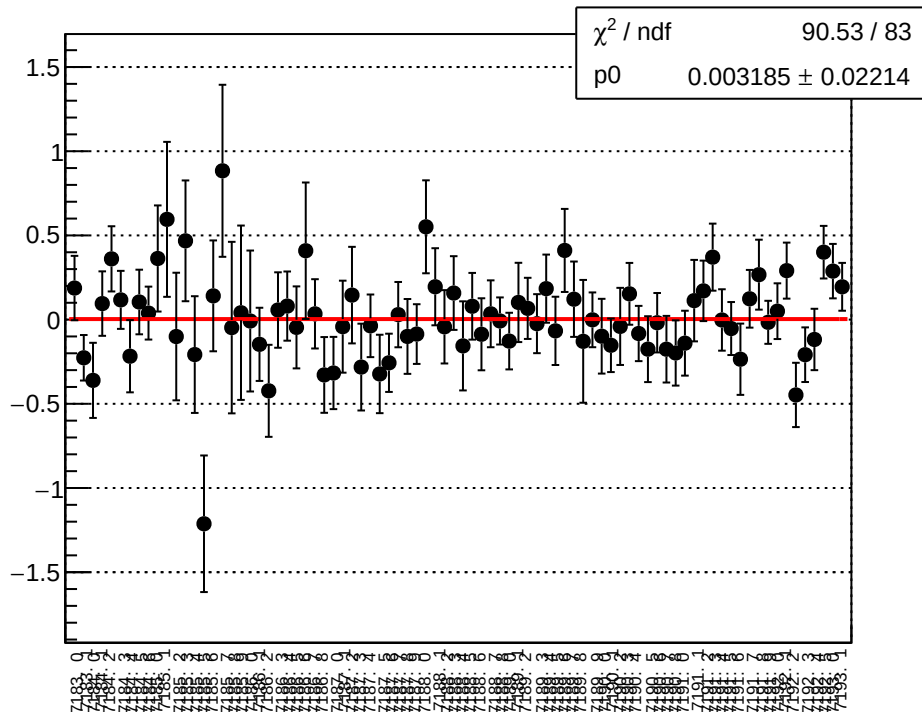
asym_sam_1357_avg_dit_vs_cor_diff_mean vs run



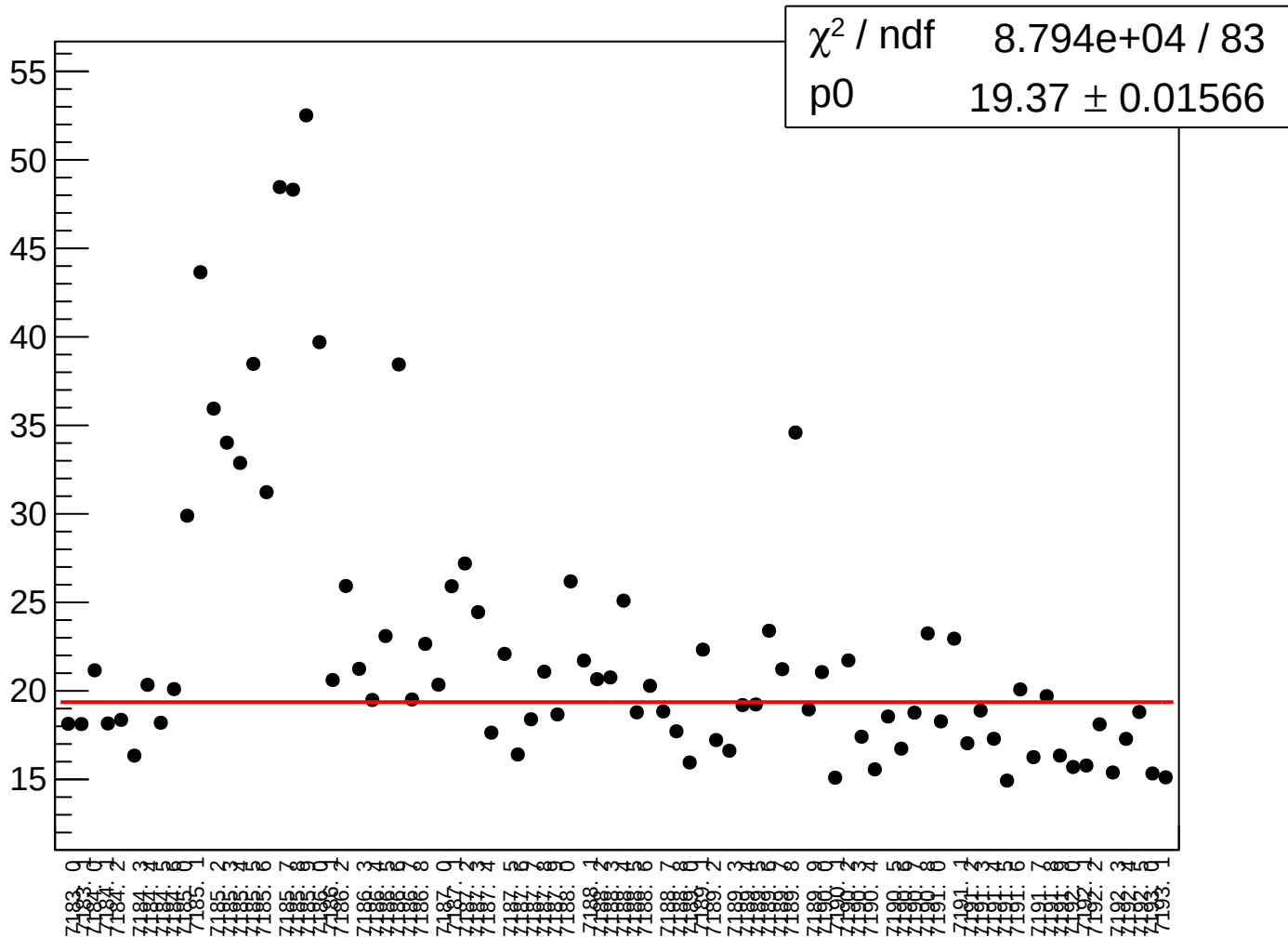
asym_sam_1357_avg_dit_vs_cor_diff_rms vs run



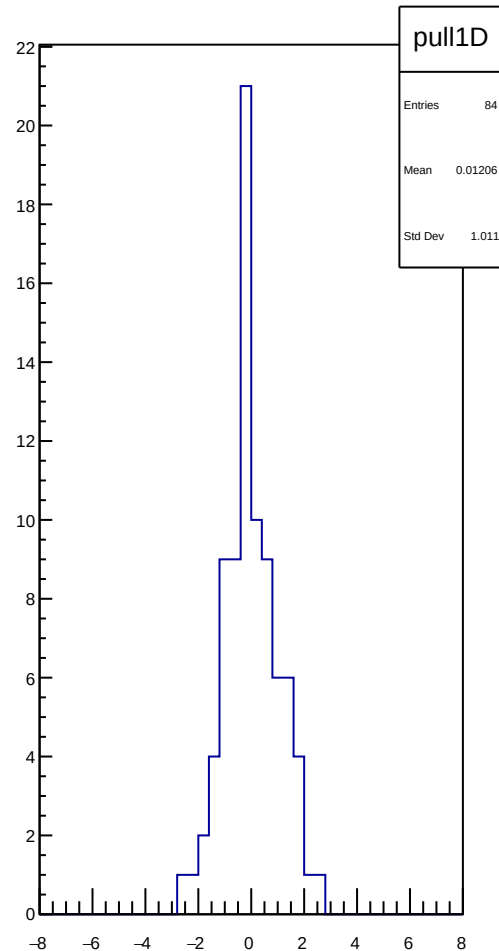
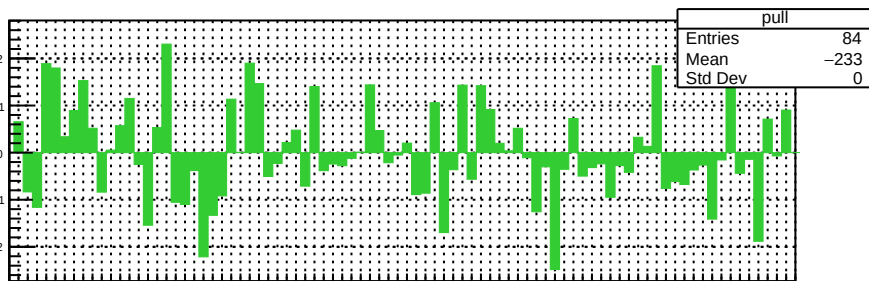
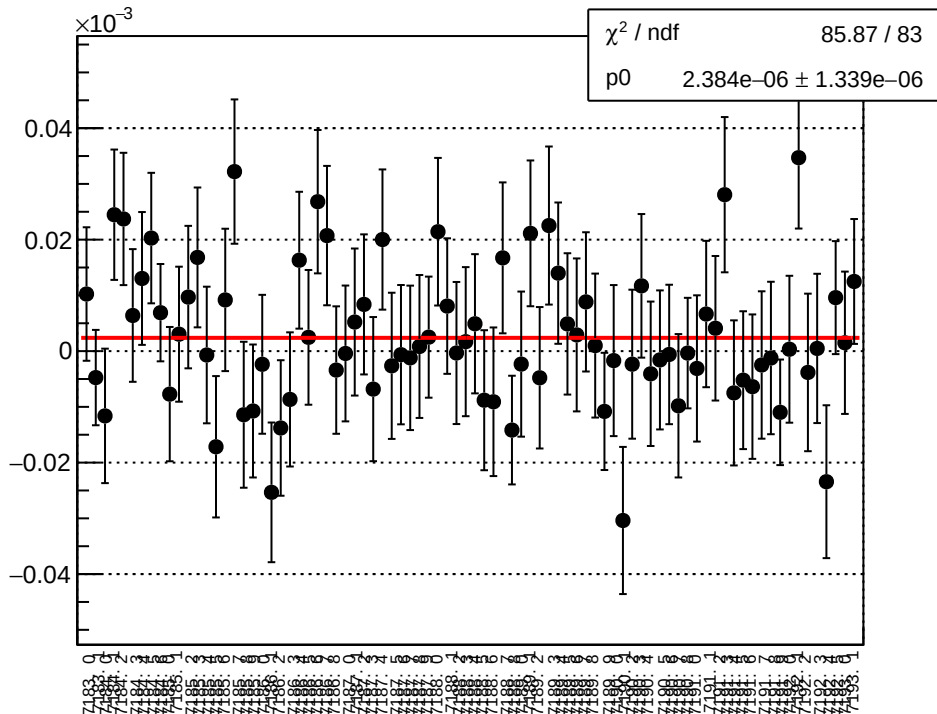
asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs run



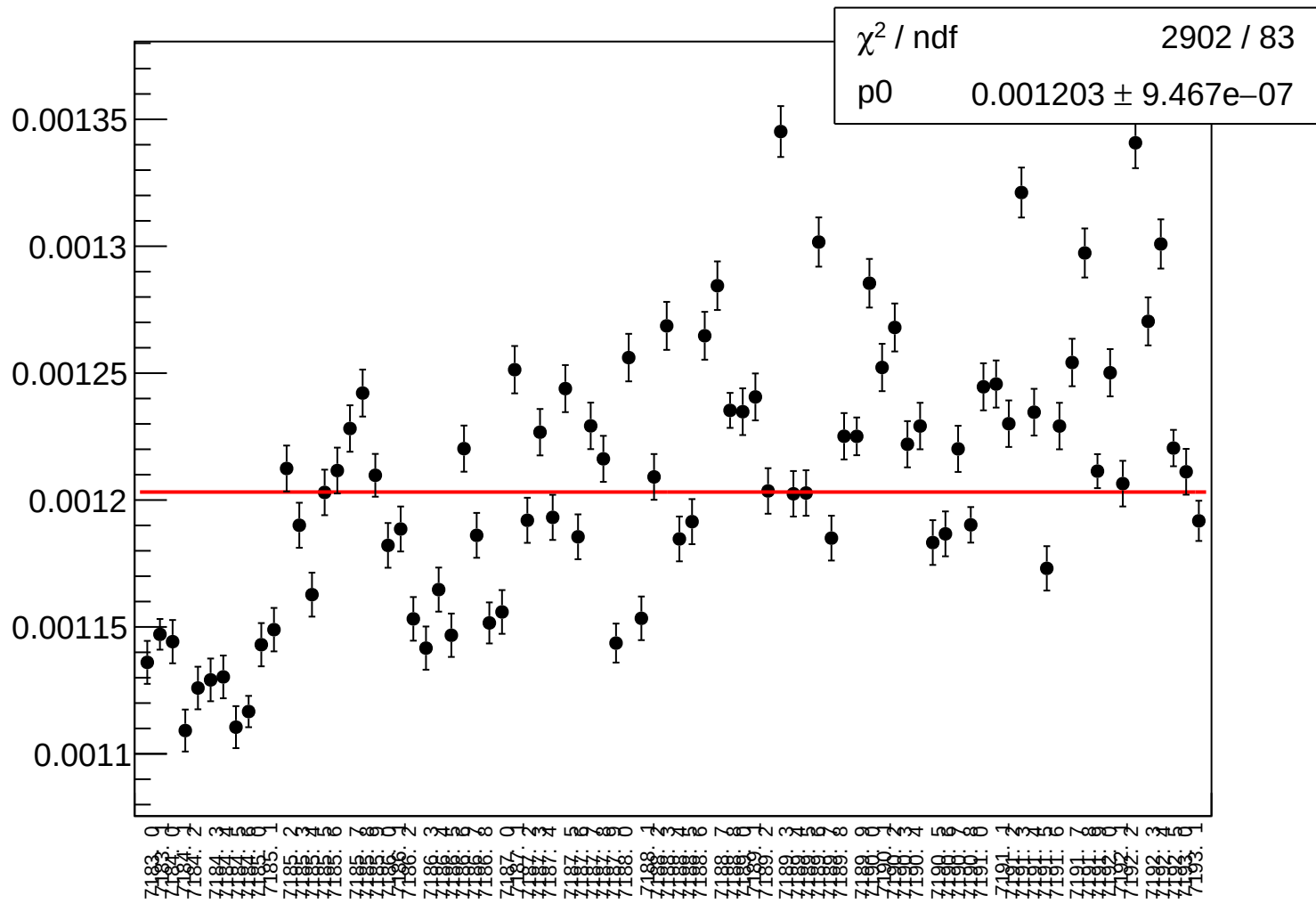
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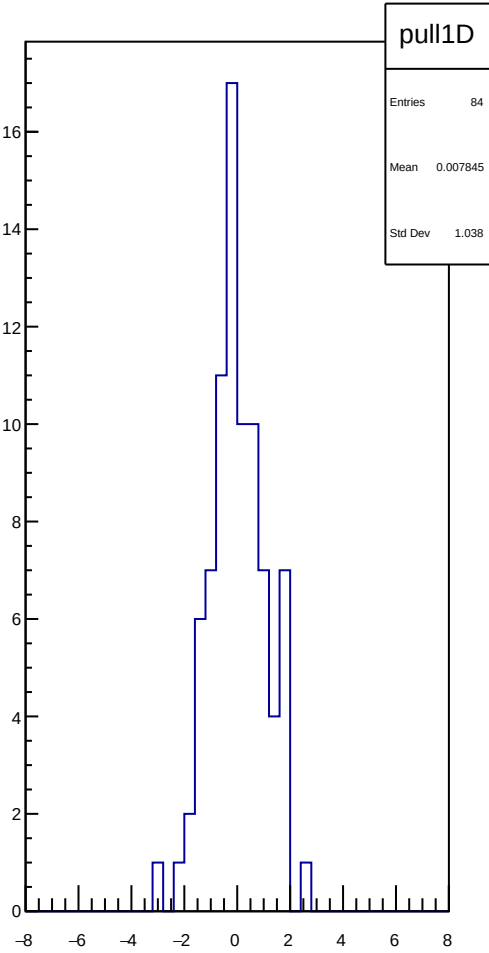
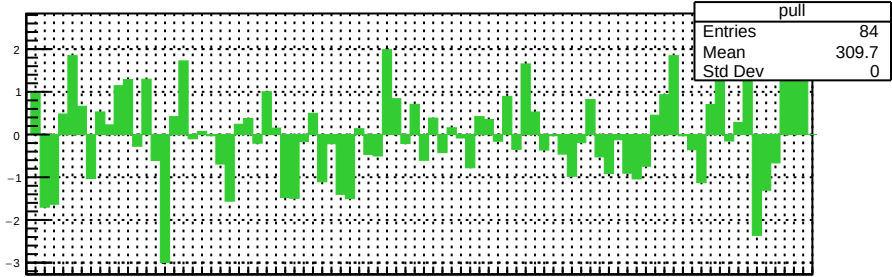
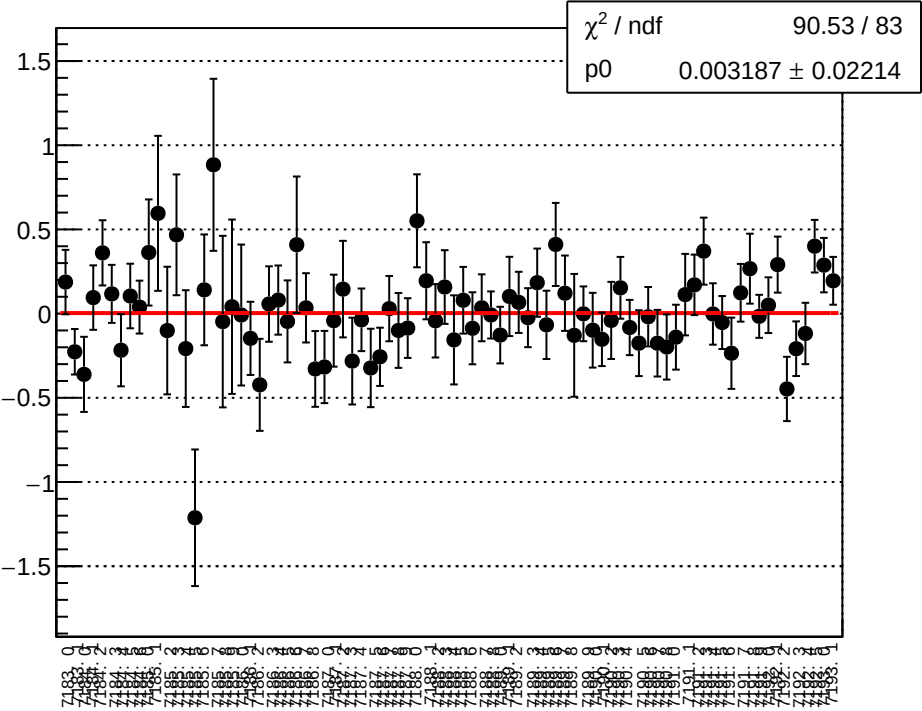
asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs run



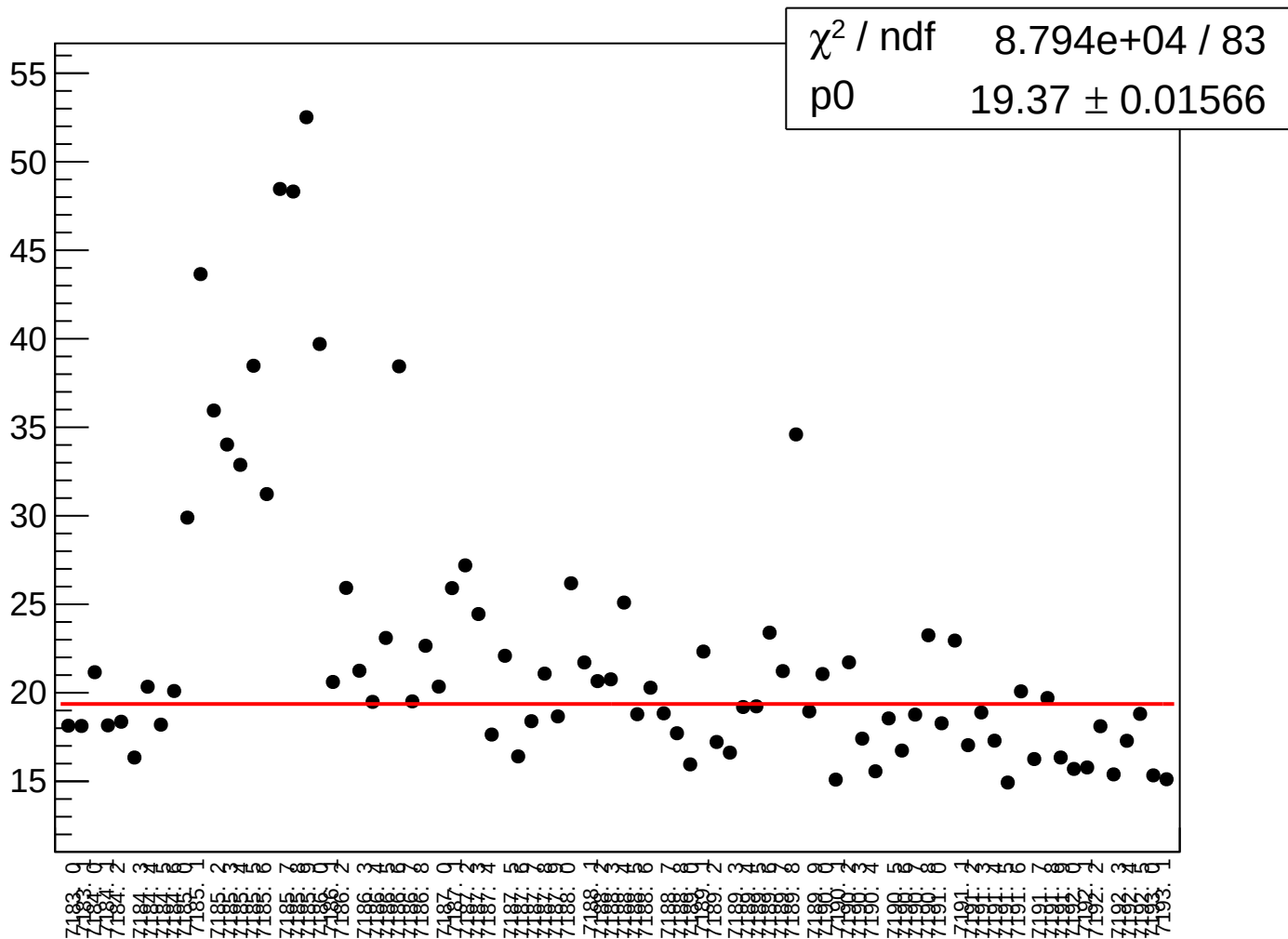
asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs run



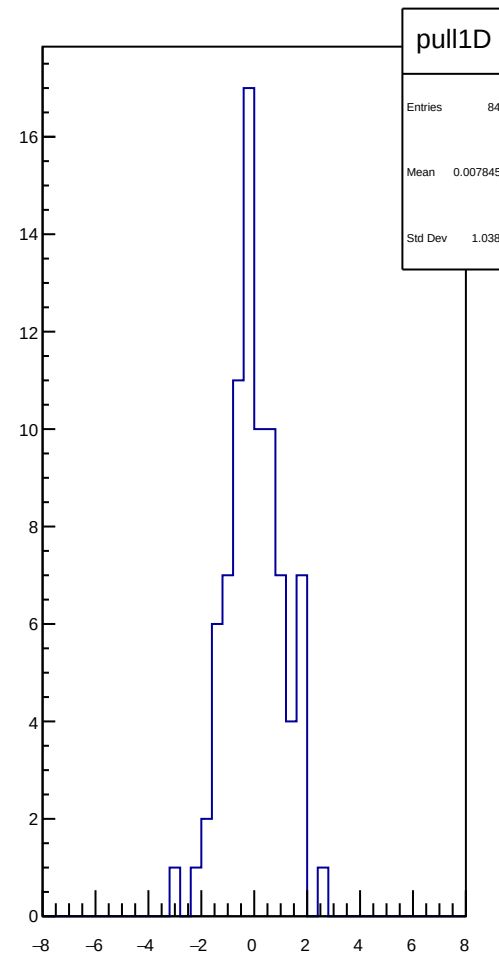
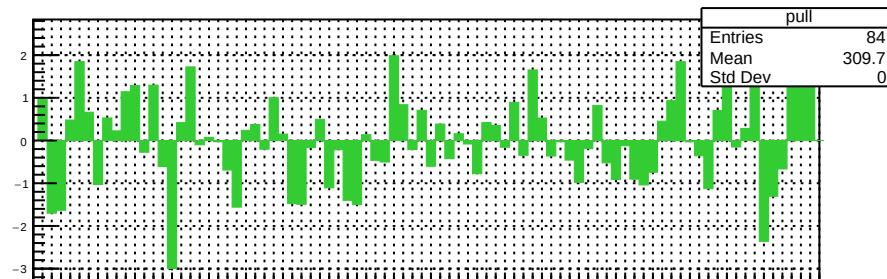
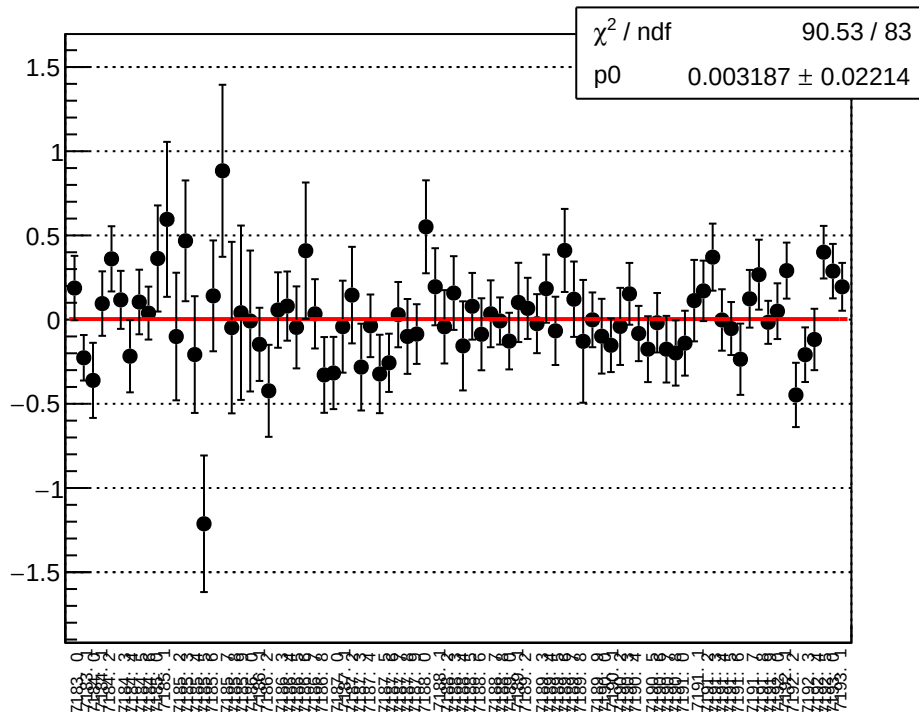
asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs run



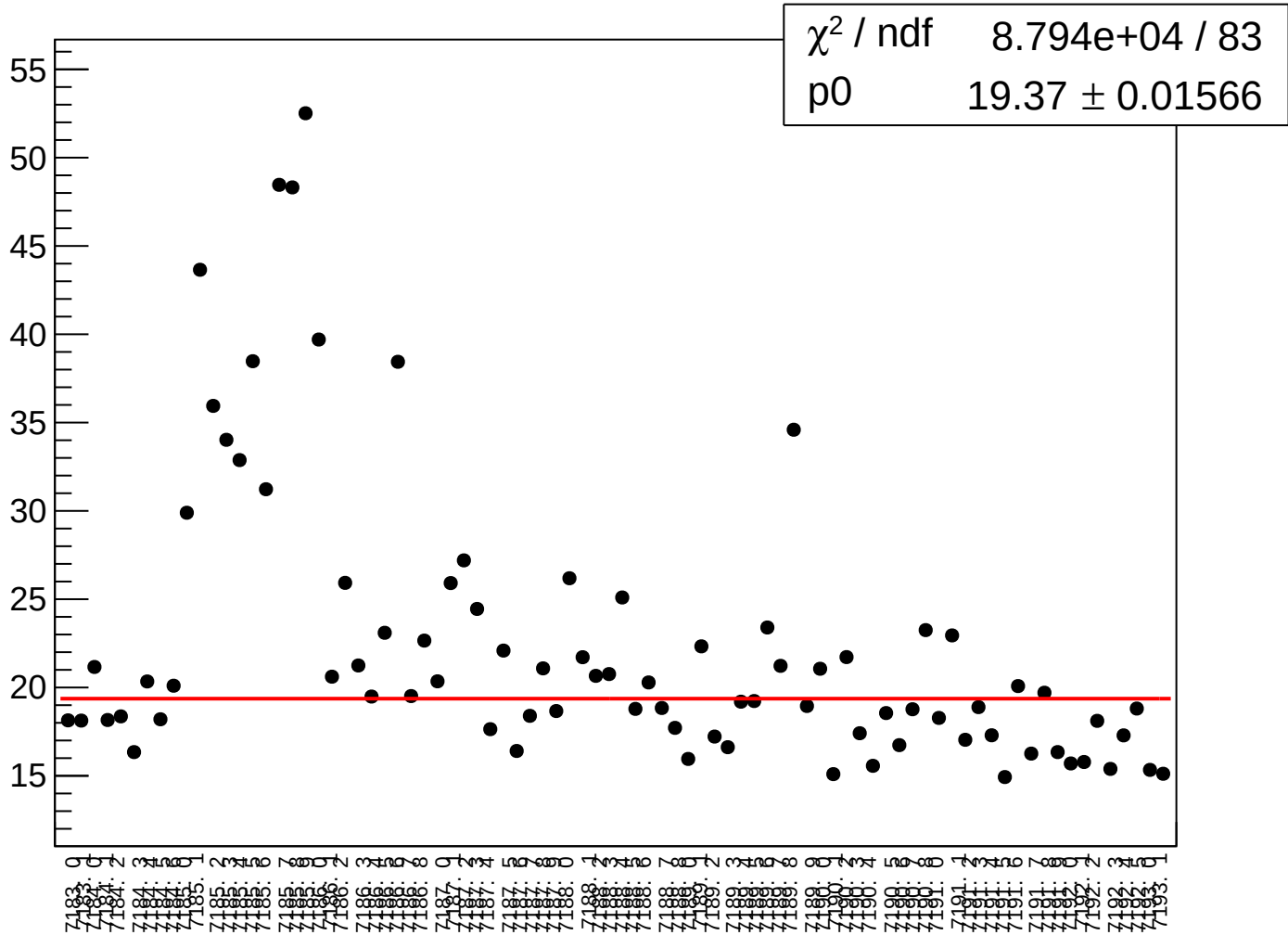
asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs run



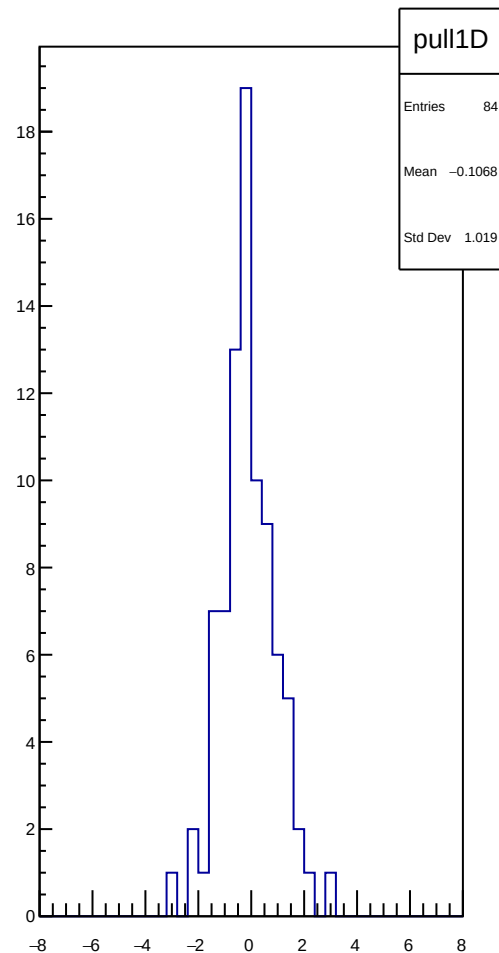
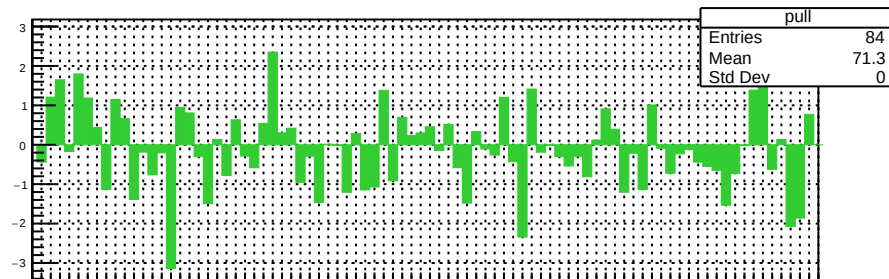
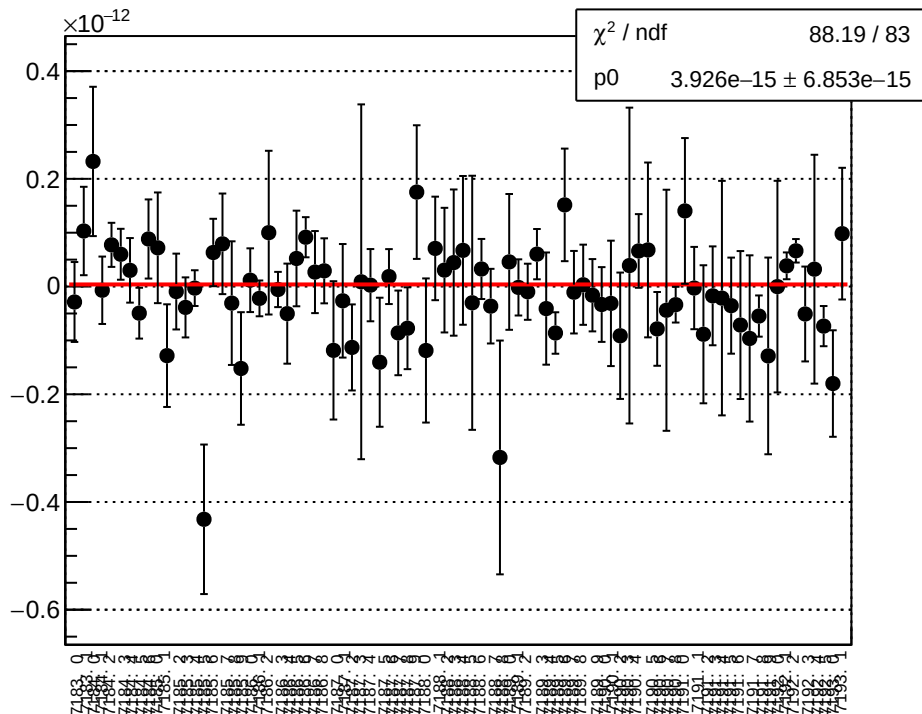
asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



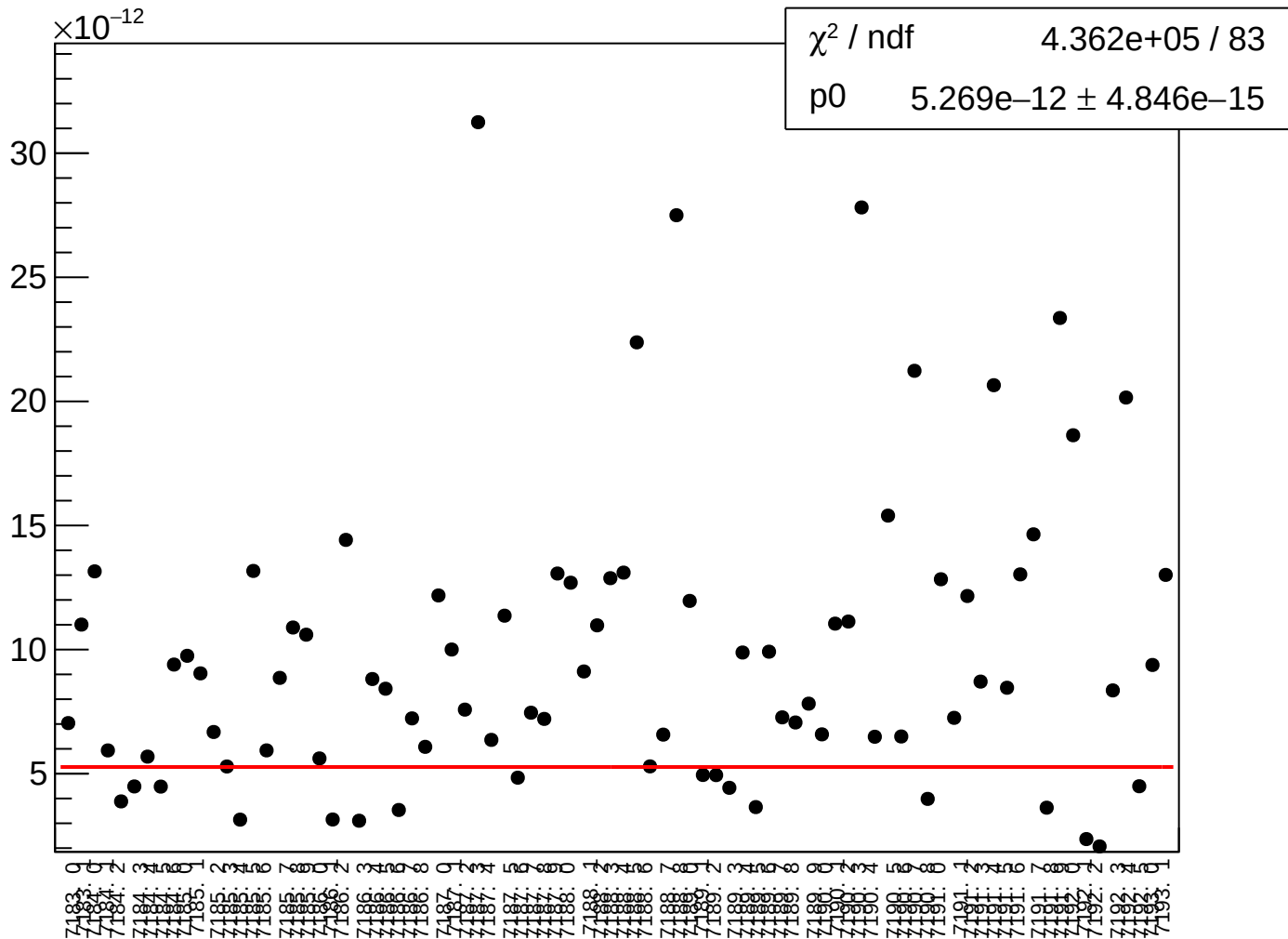
asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



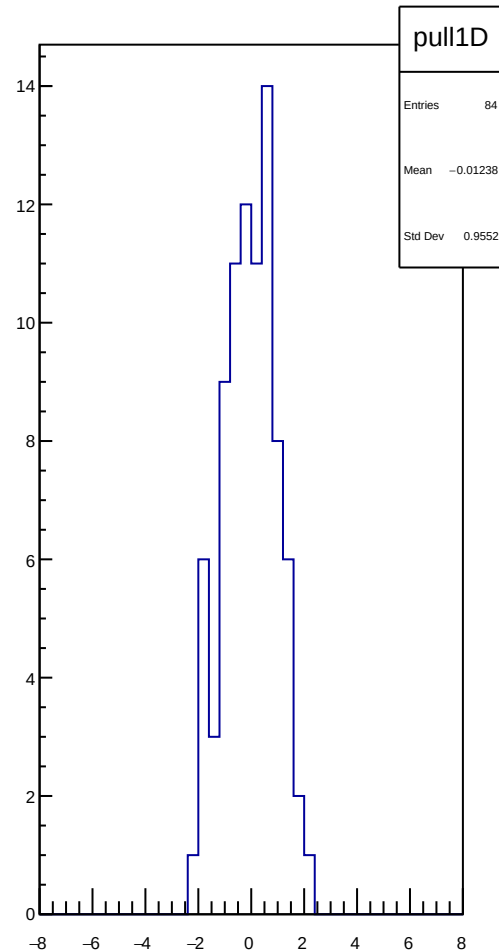
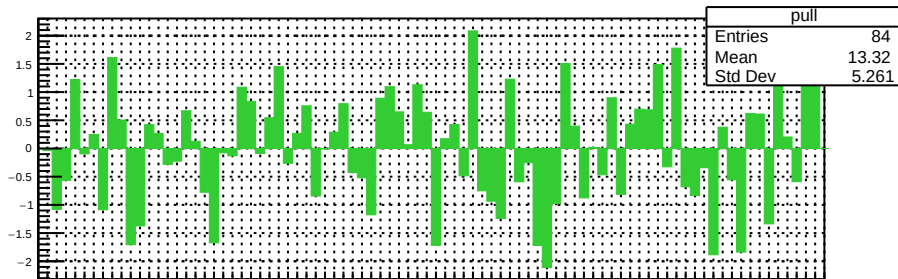
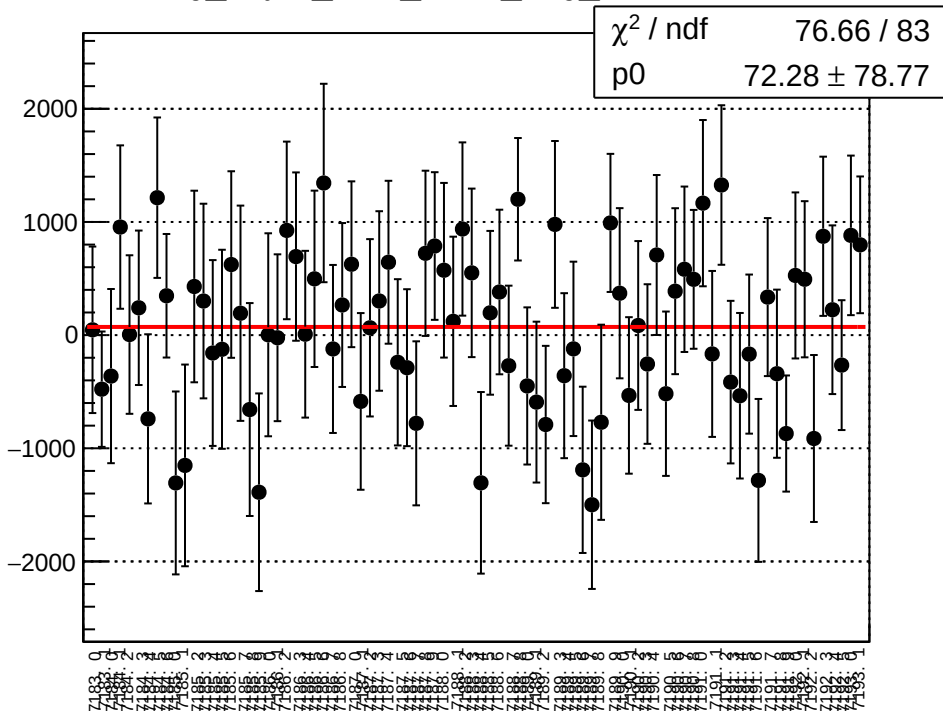
asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_2468_avg_mean vs run



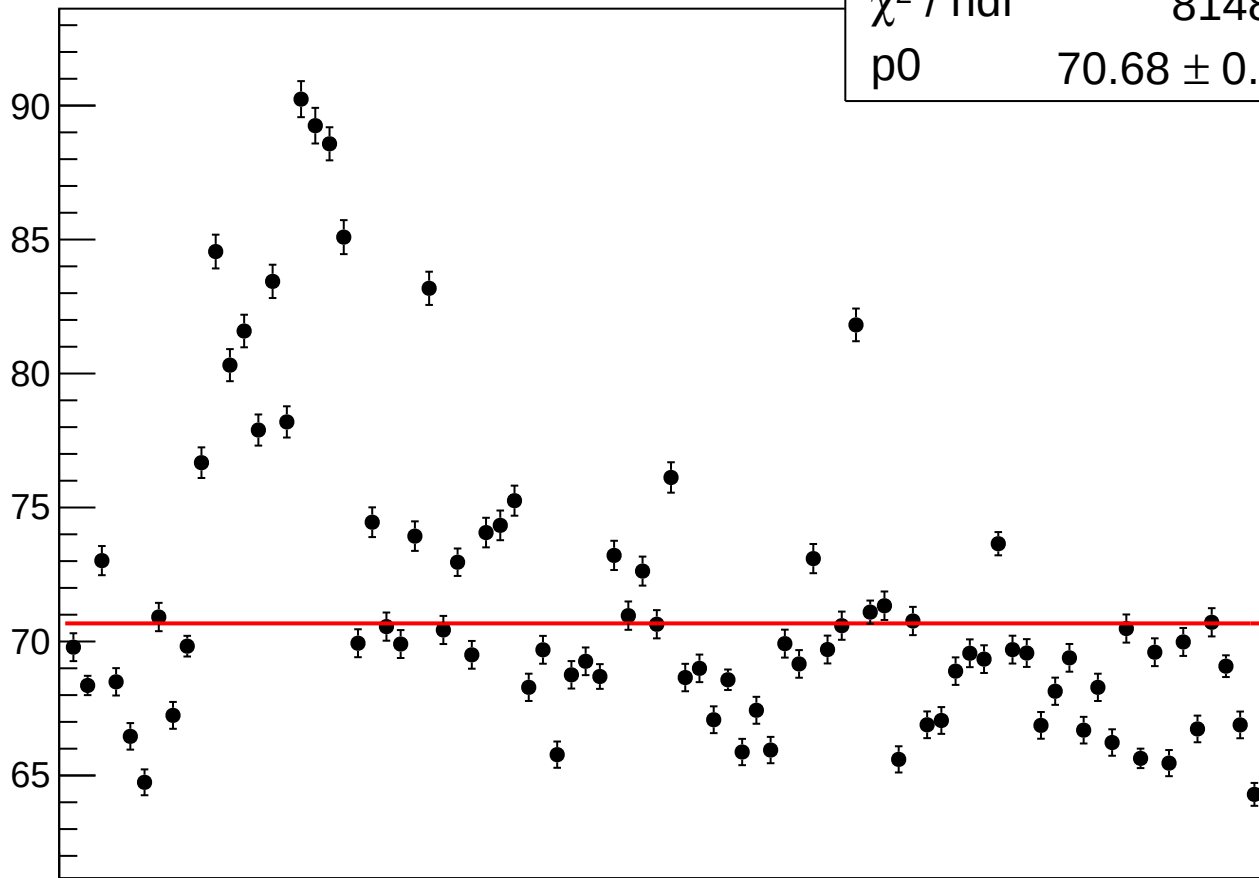
reg_asym_sam_2468_avg_rms vs run

χ^2 / ndf

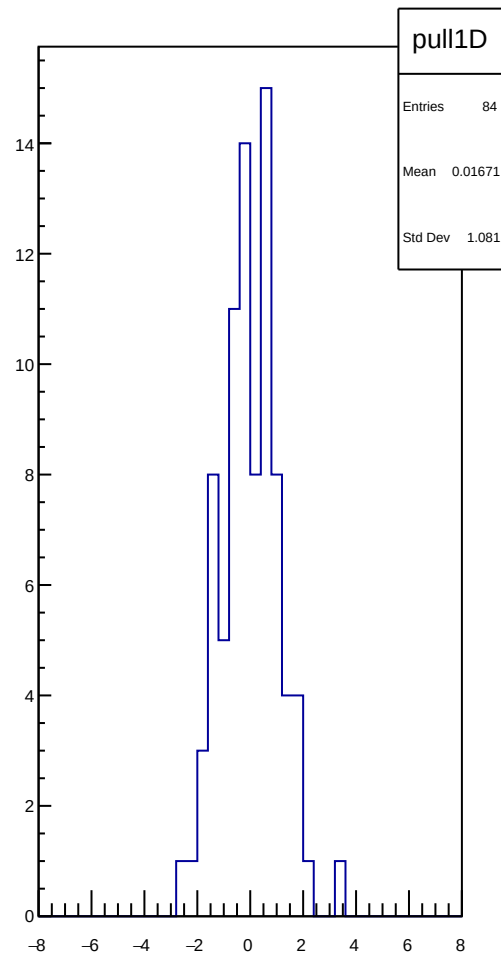
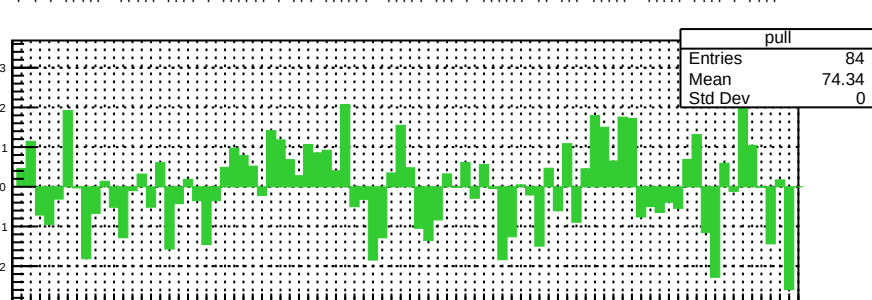
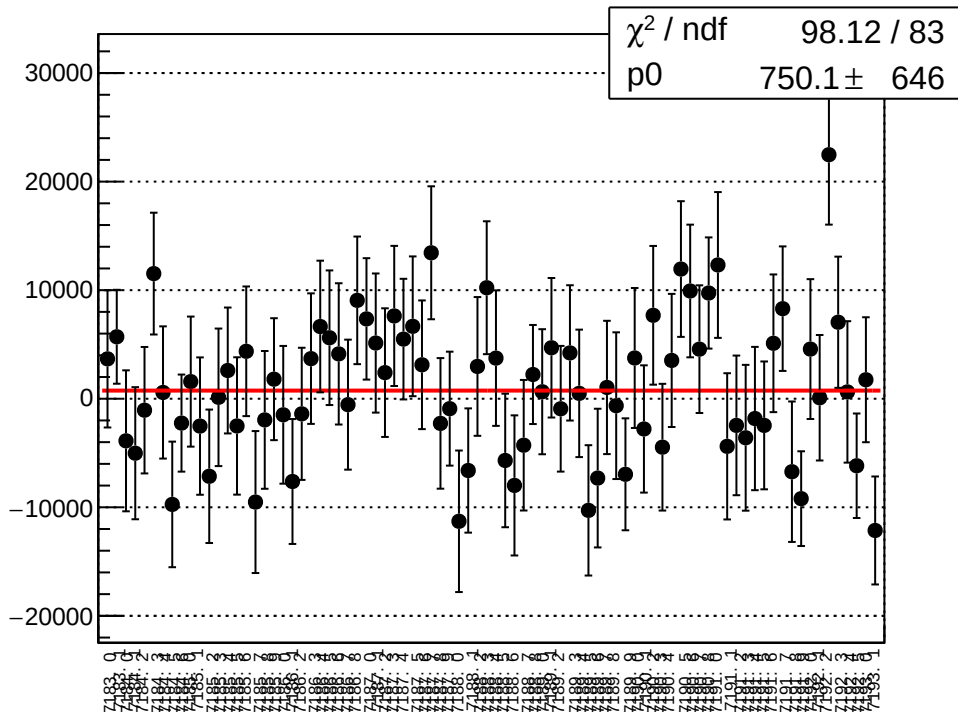
8148 / 83

p0

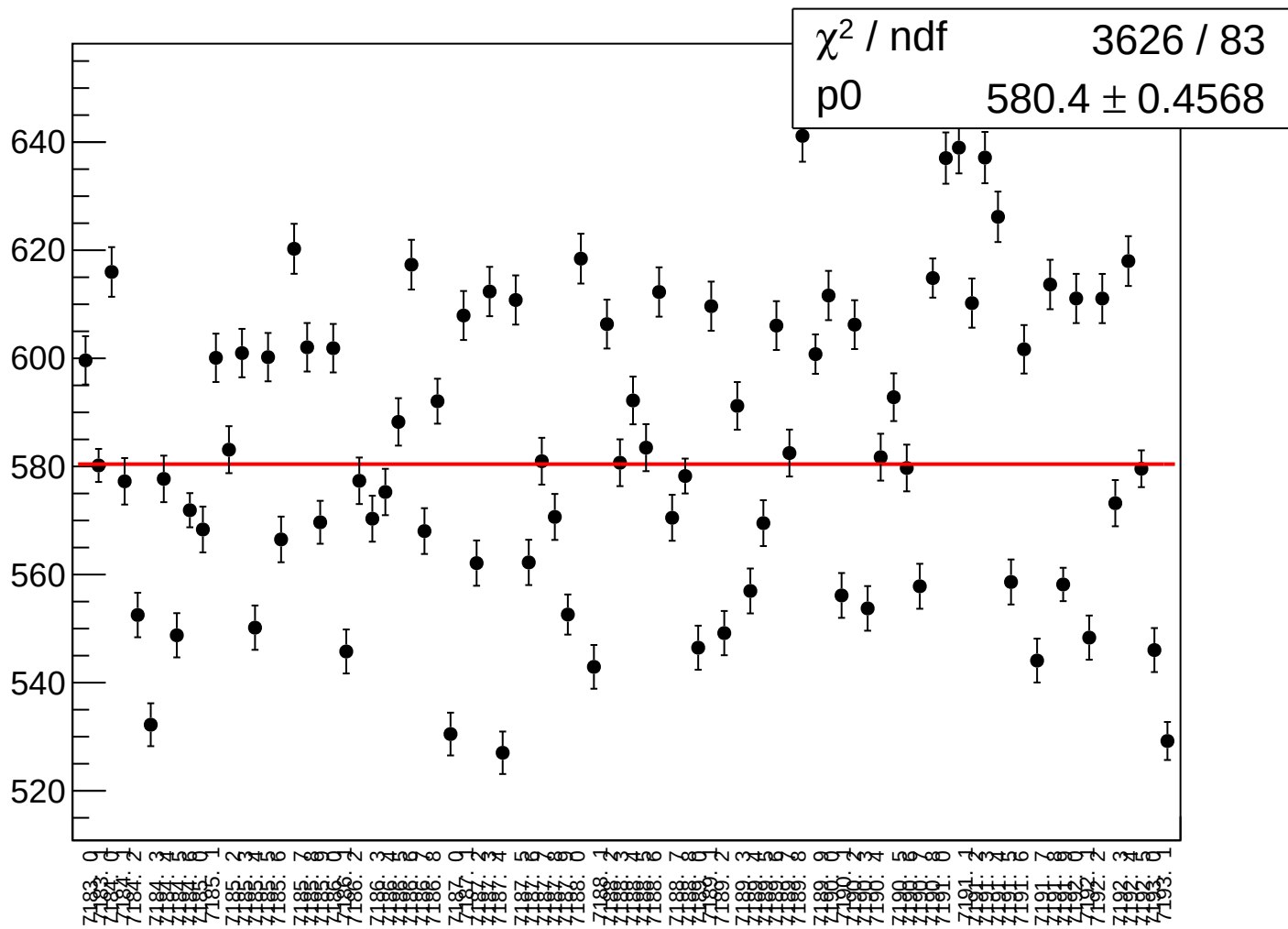
70.68 ± 0.0557



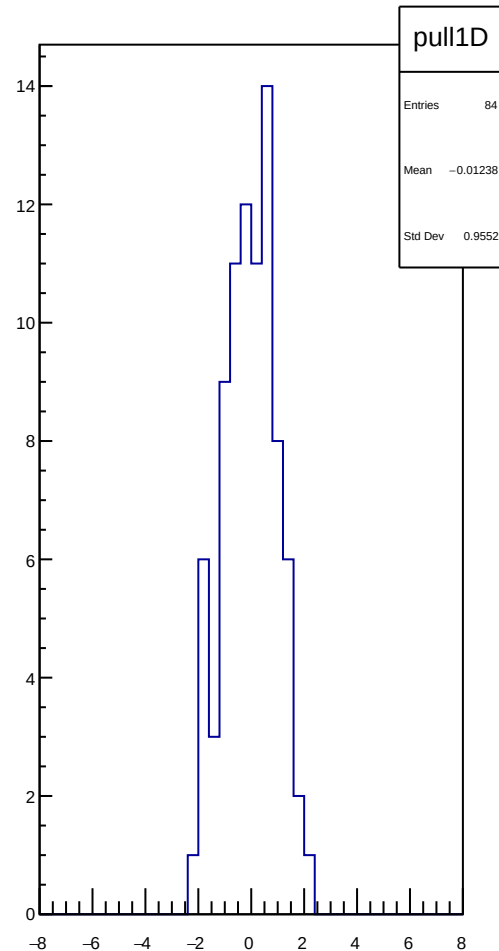
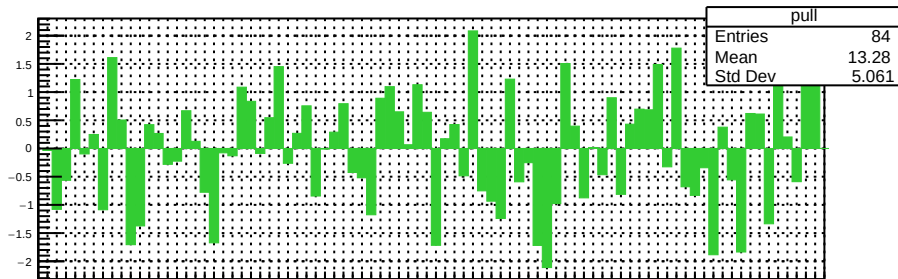
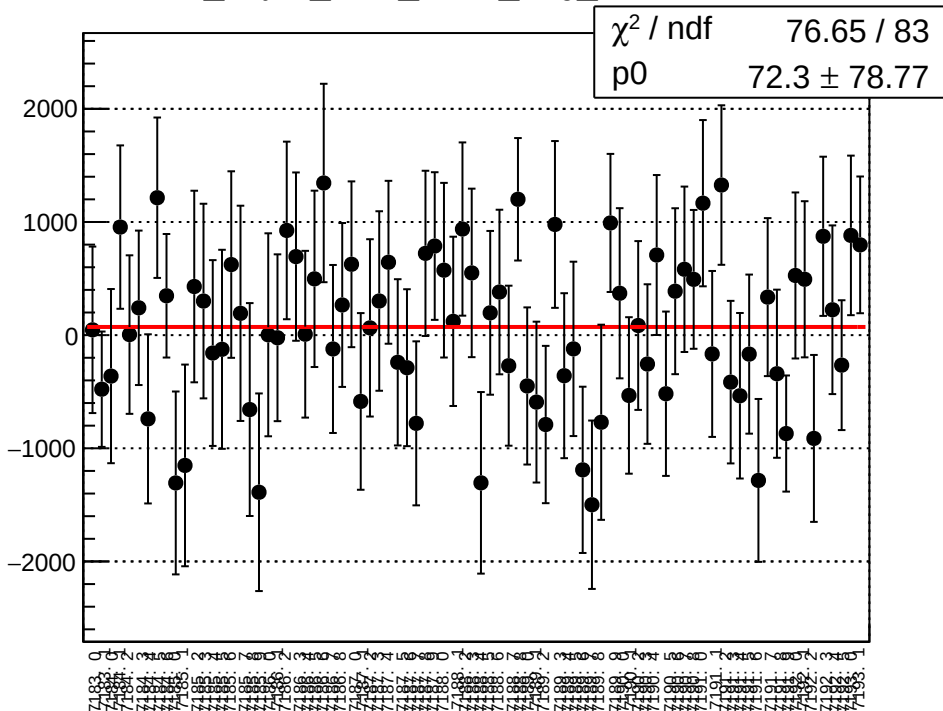
asym_sam_2468_avg_reg_correction_mean vs run



asym_sam_2468_avg_reg_correction_rms vs run



cor_asym_sam_2468_avg_mean vs run

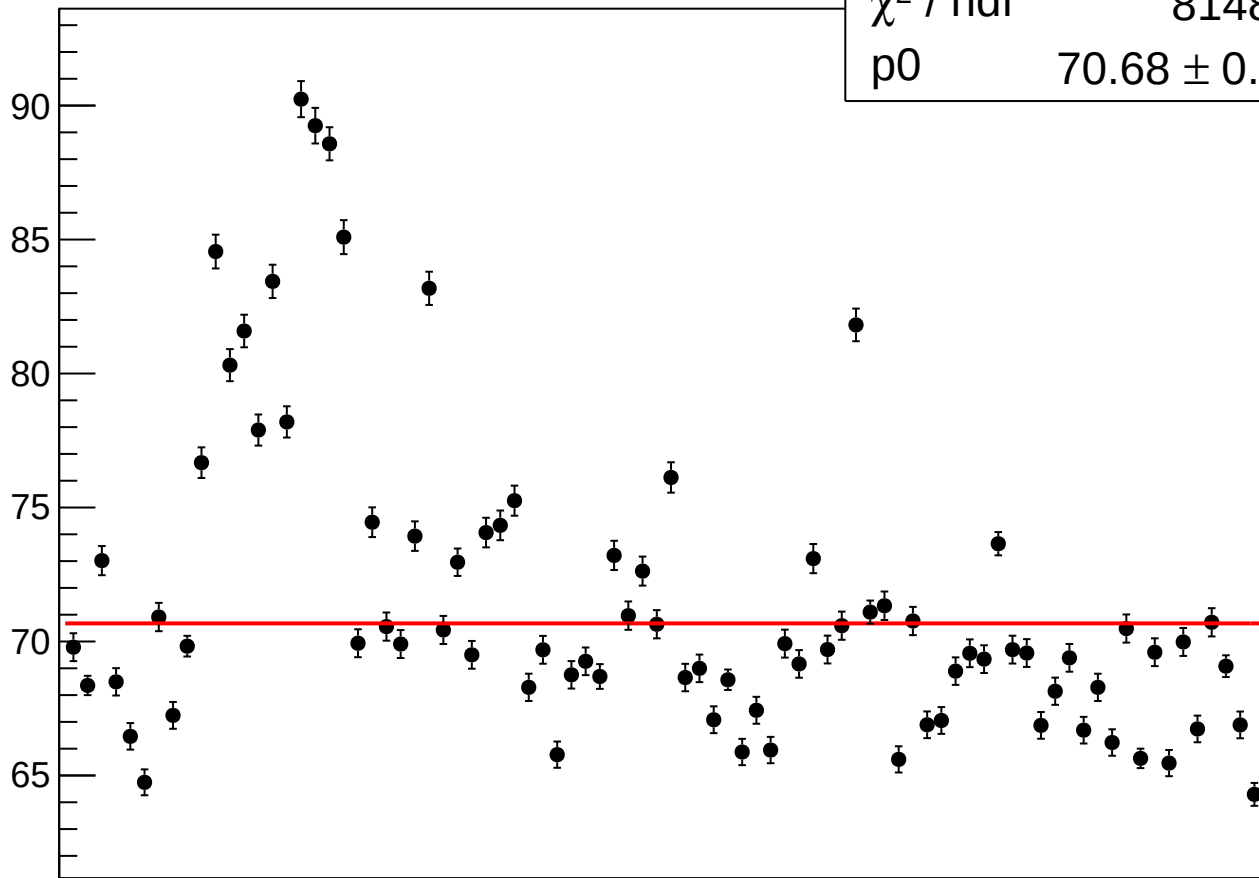


cor_asym_sam_2468_avg_rms vs run

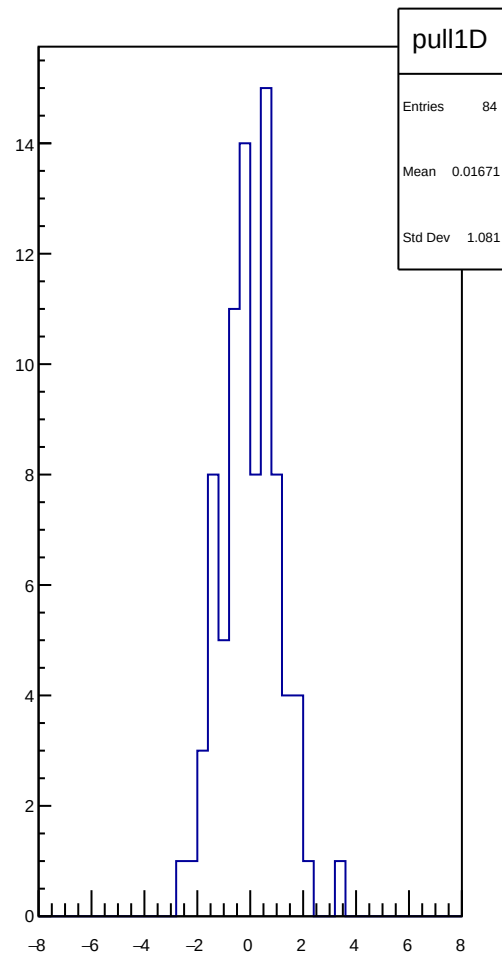
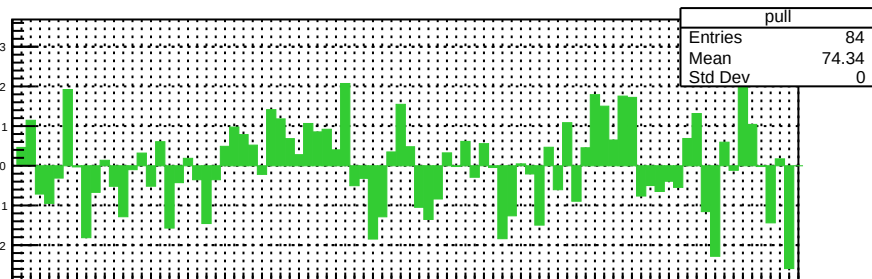
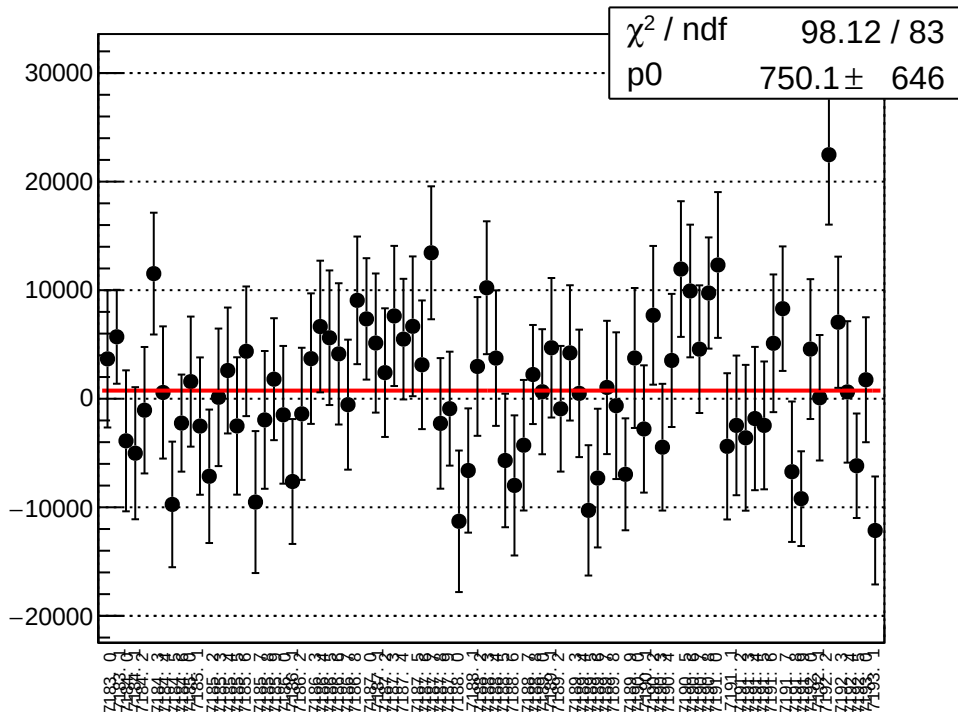
 χ^2 / ndf

8148 / 83

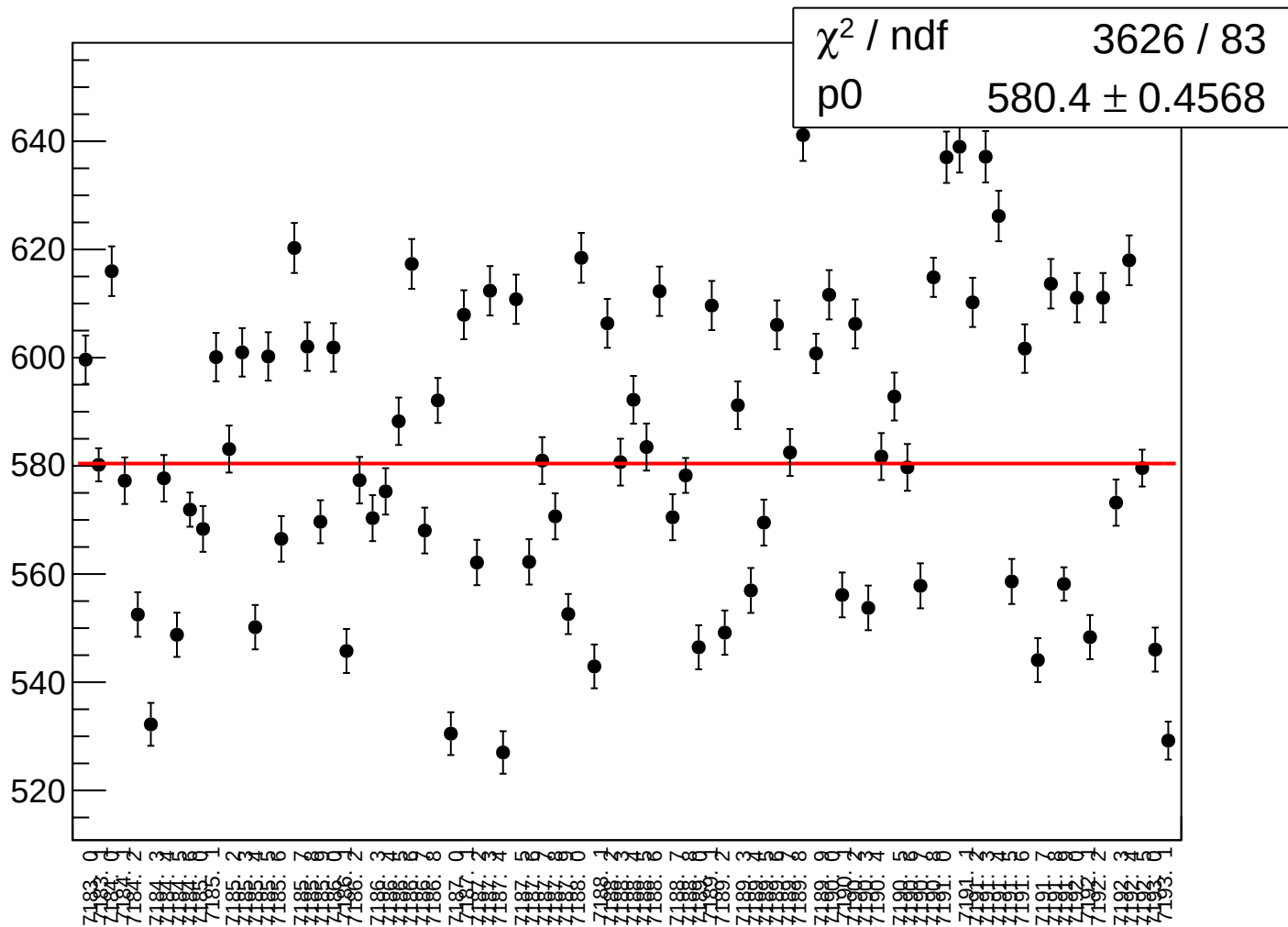
p0

 70.68 ± 0.0557 

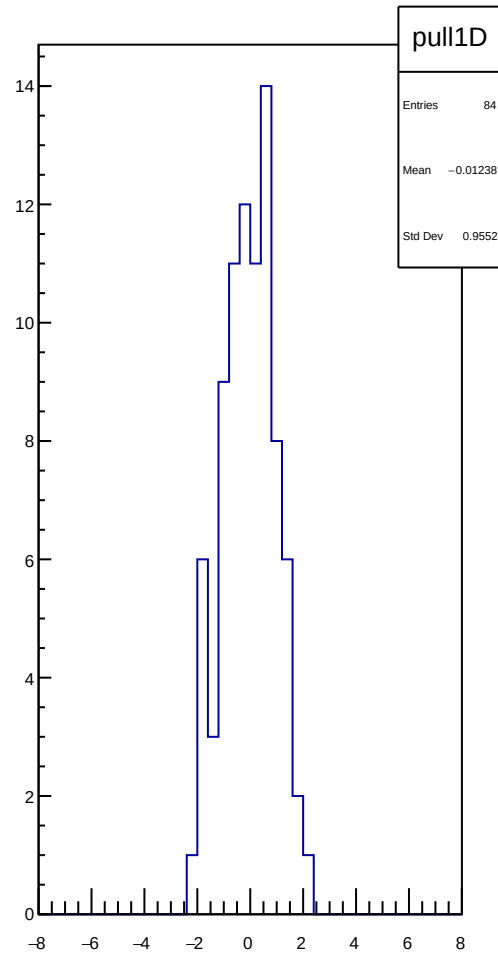
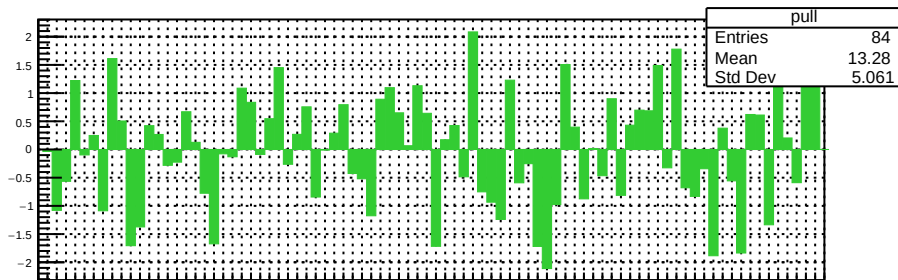
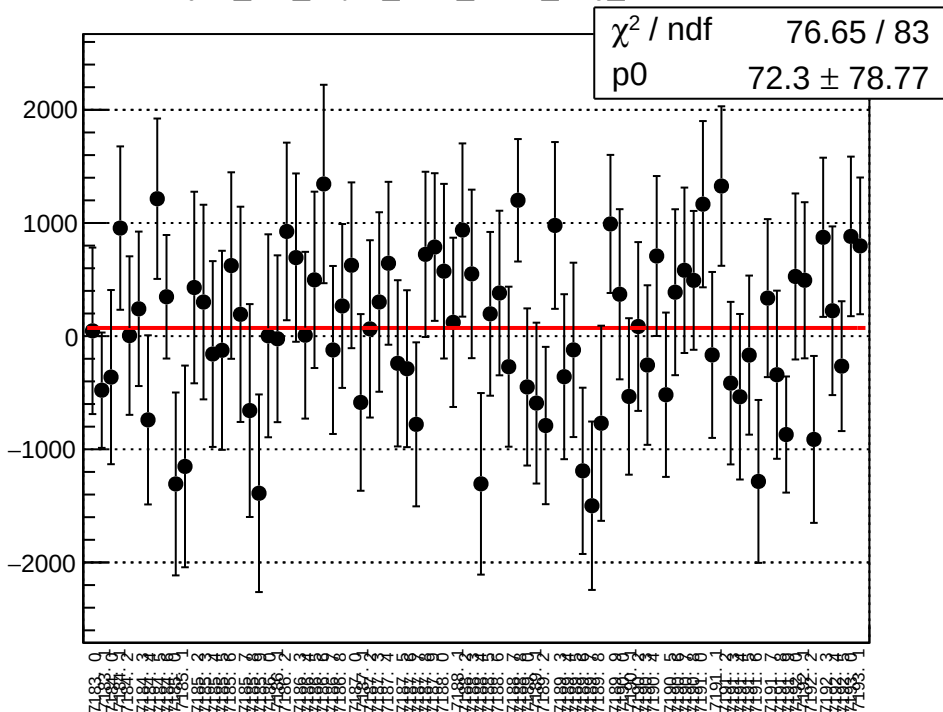
asym_sam_2468_avg_cor_correction_mean vs run



asym_sam_2468_avg_cor_correction_rms vs run



eigen_cor_asym_sam_2468_avg_mean vs run



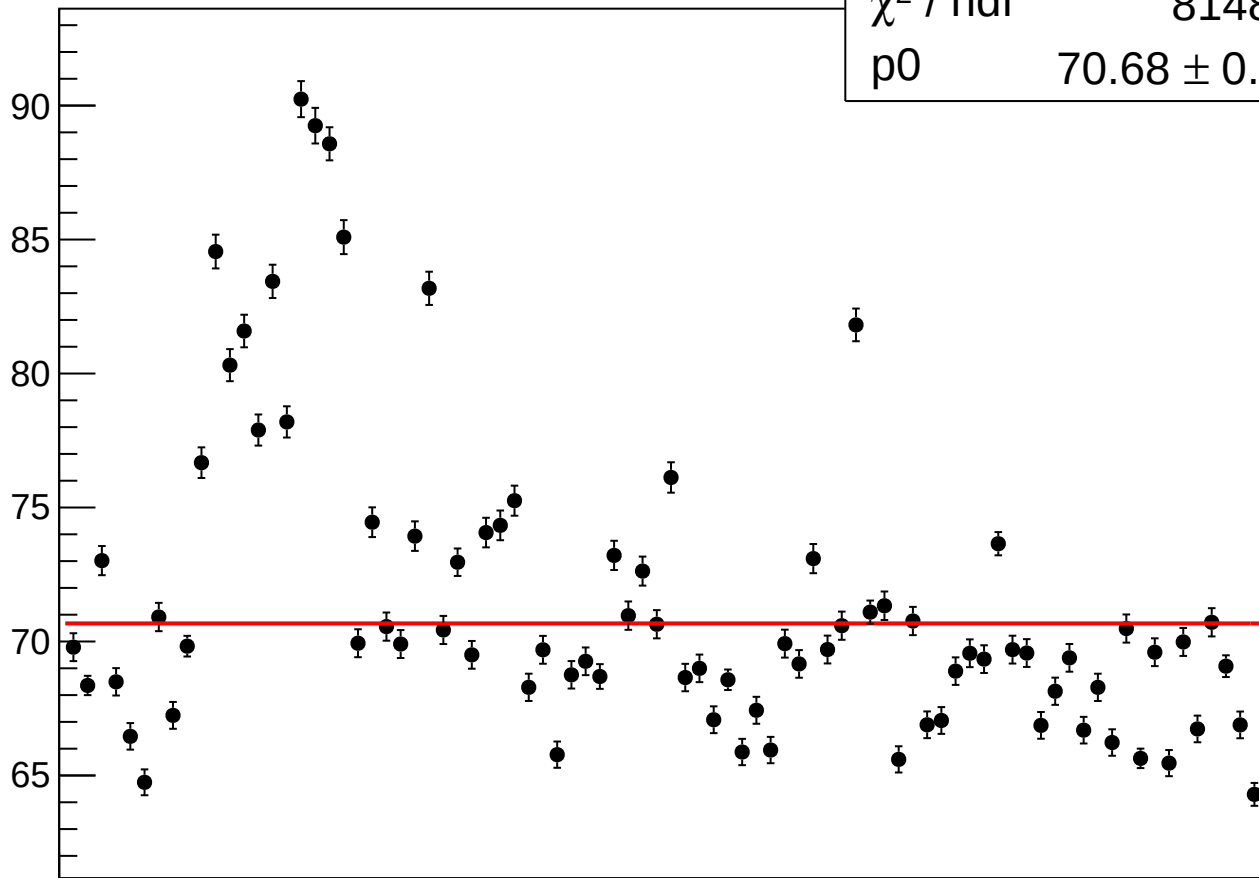
eigen_cor_asym_sam_2468_avg_rms vs run

χ^2 / ndf

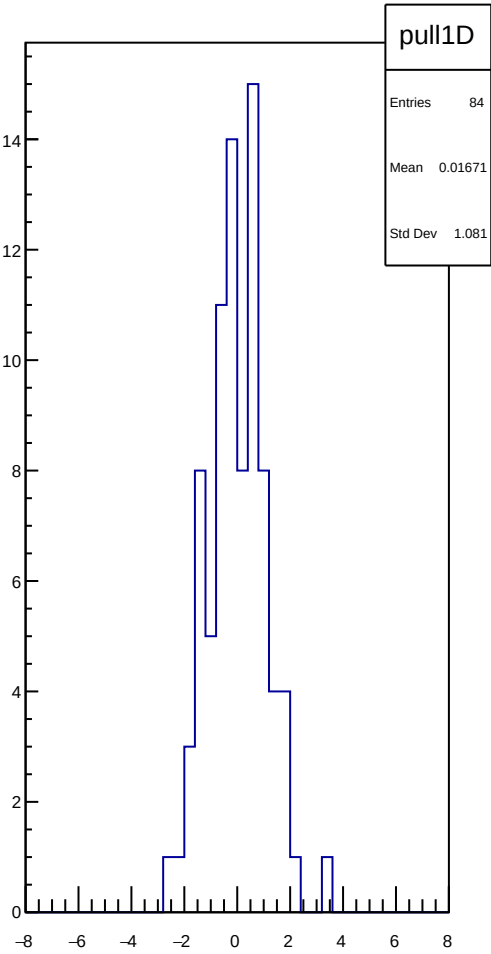
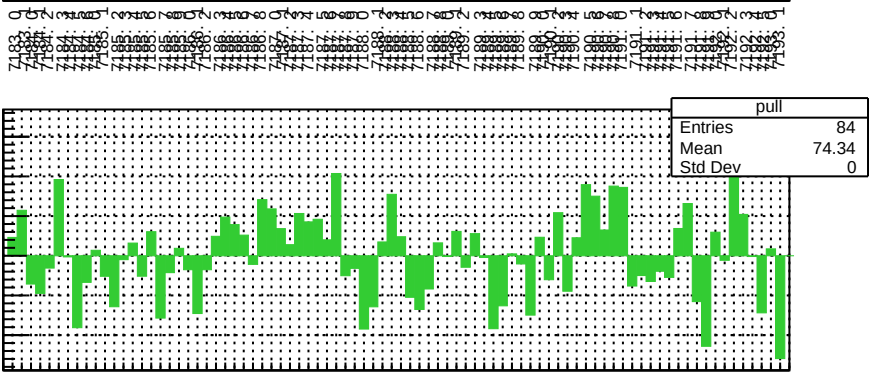
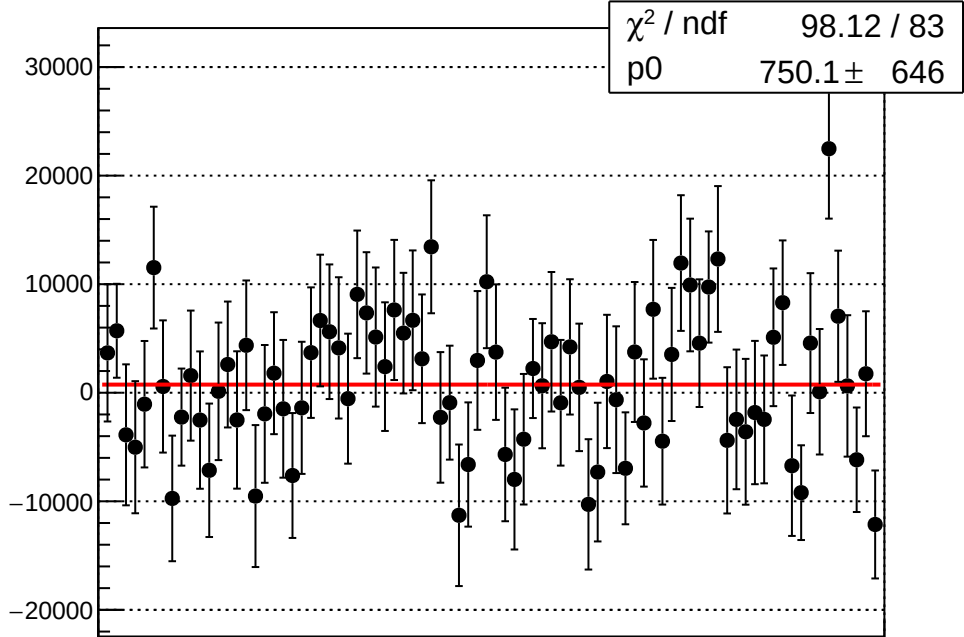
8148 / 83

p0

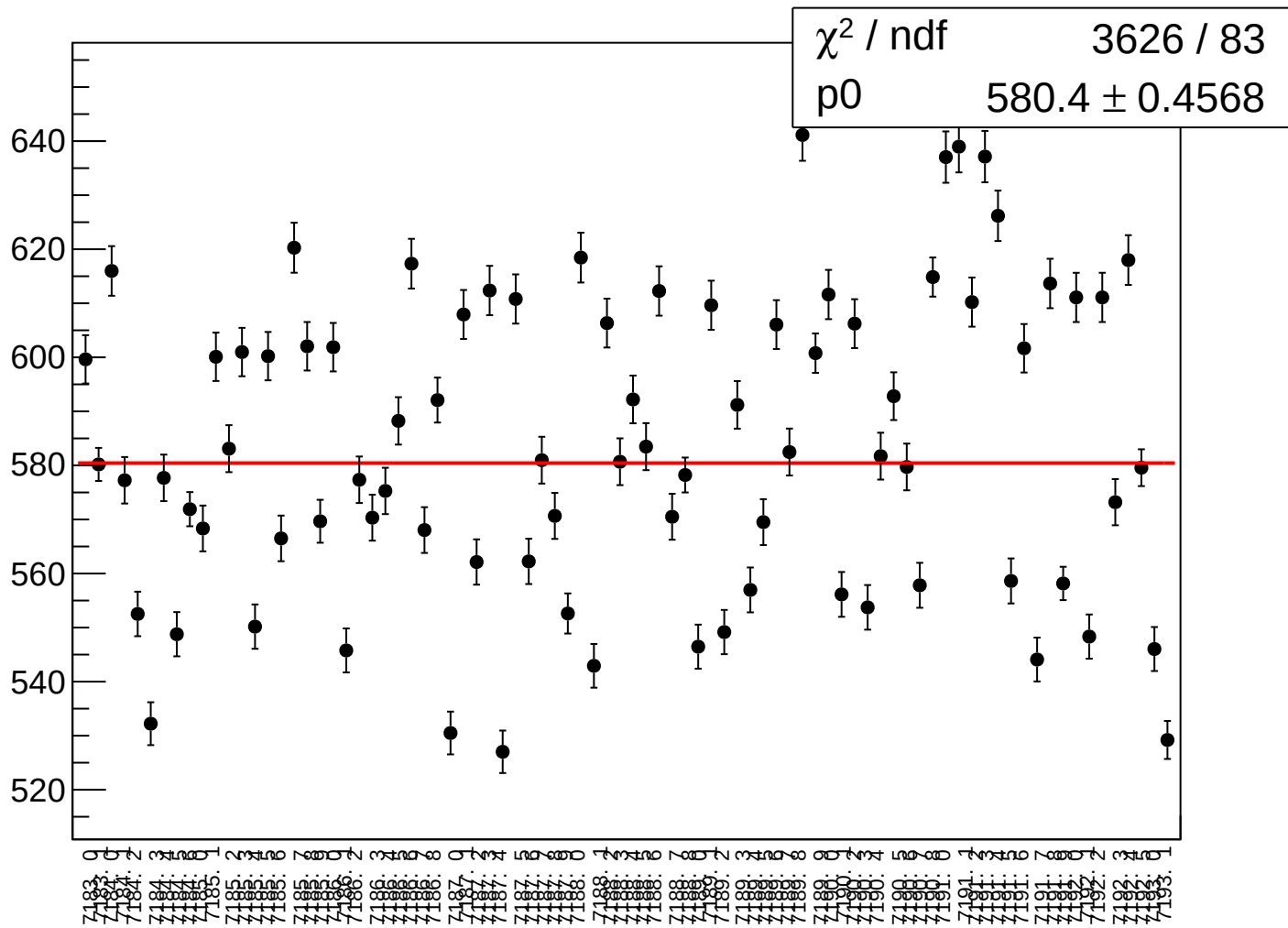
70.68 ± 0.0557



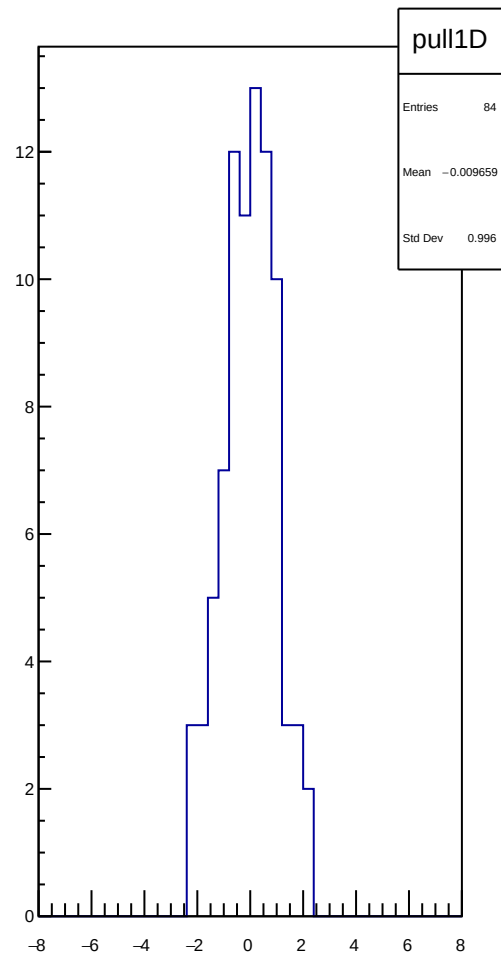
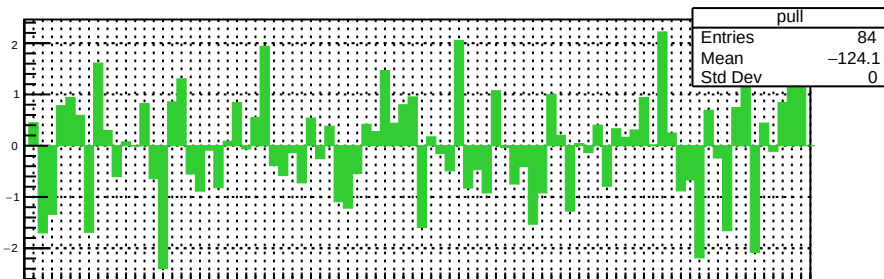
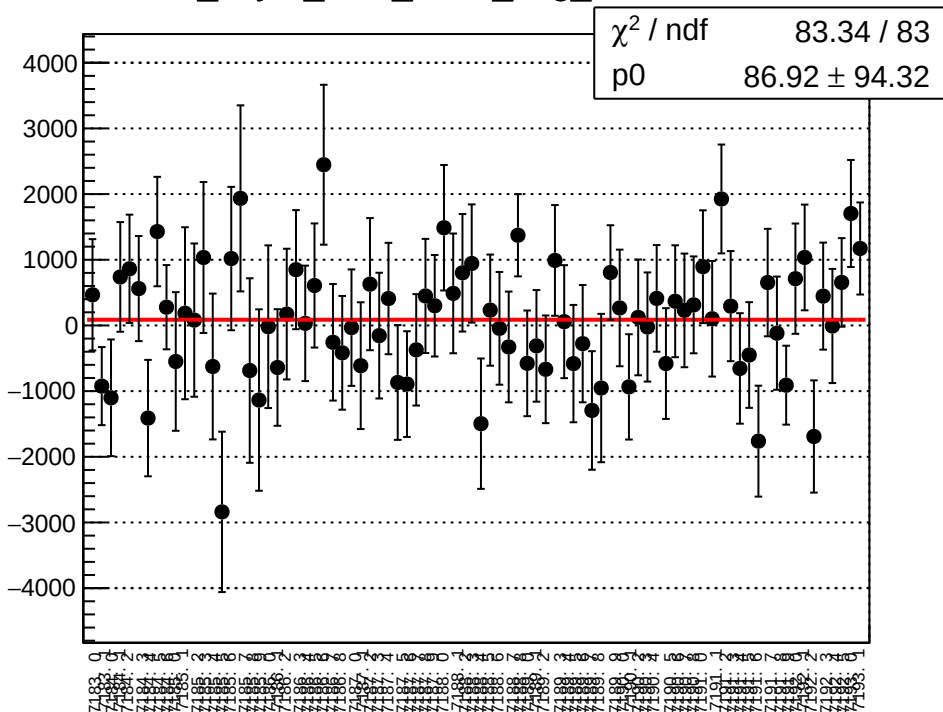
asym_sam_2468_avg_eigen_cor_correction_mean vs run



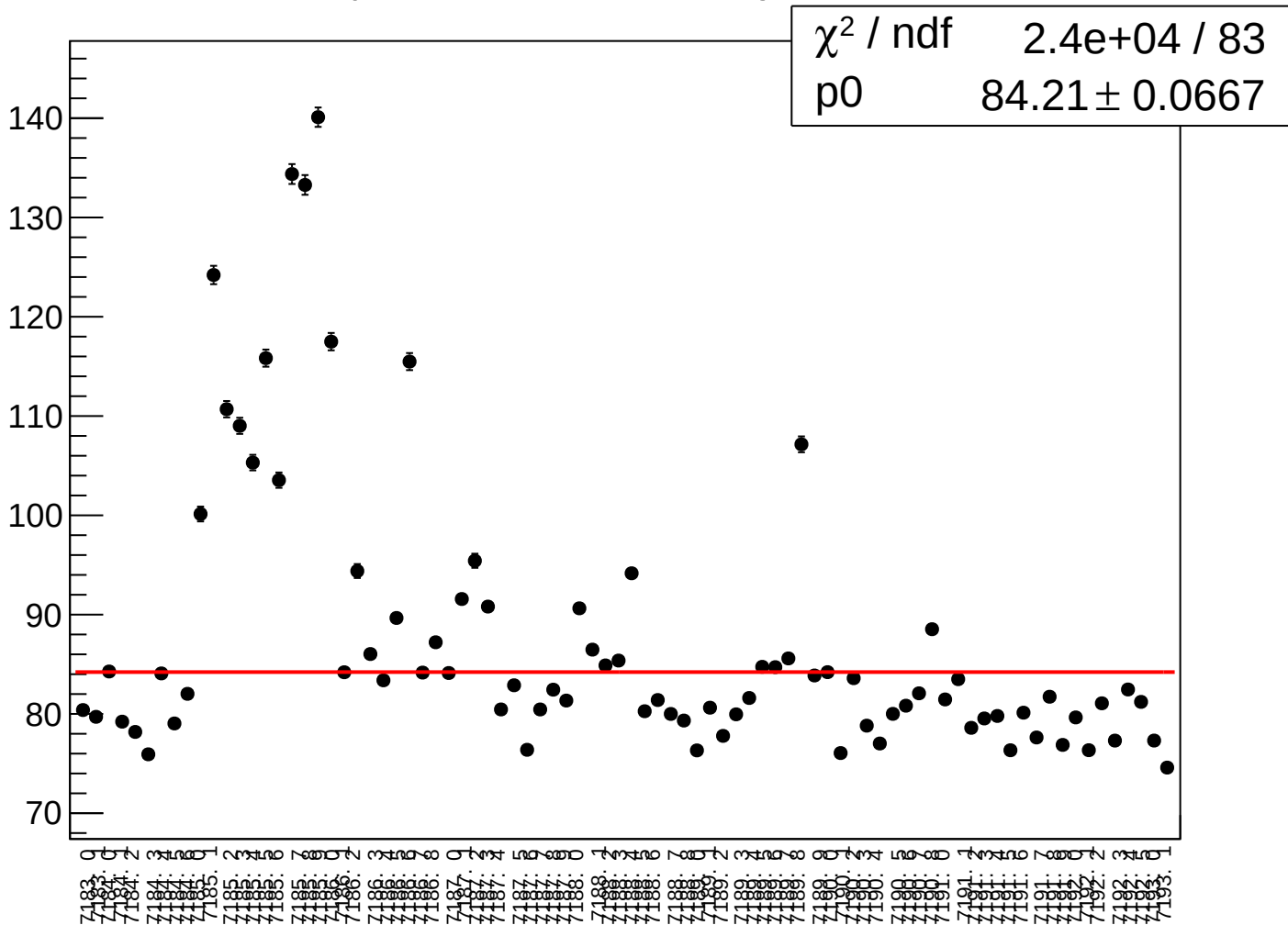
asym_sam_2468_avg_eigen_cor_correction_rms vs run



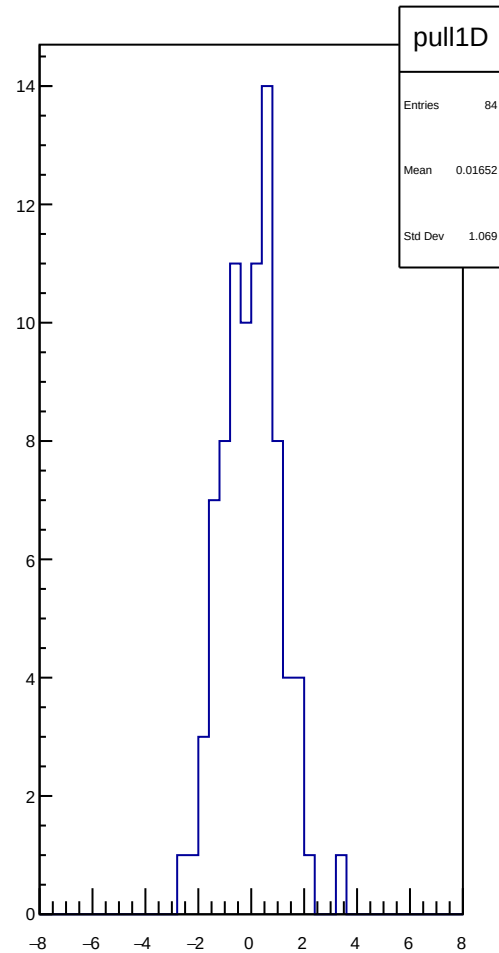
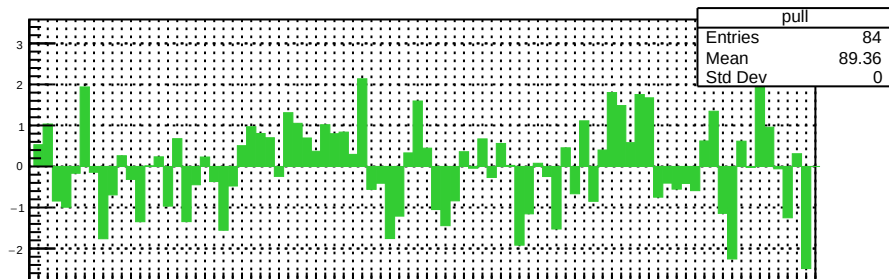
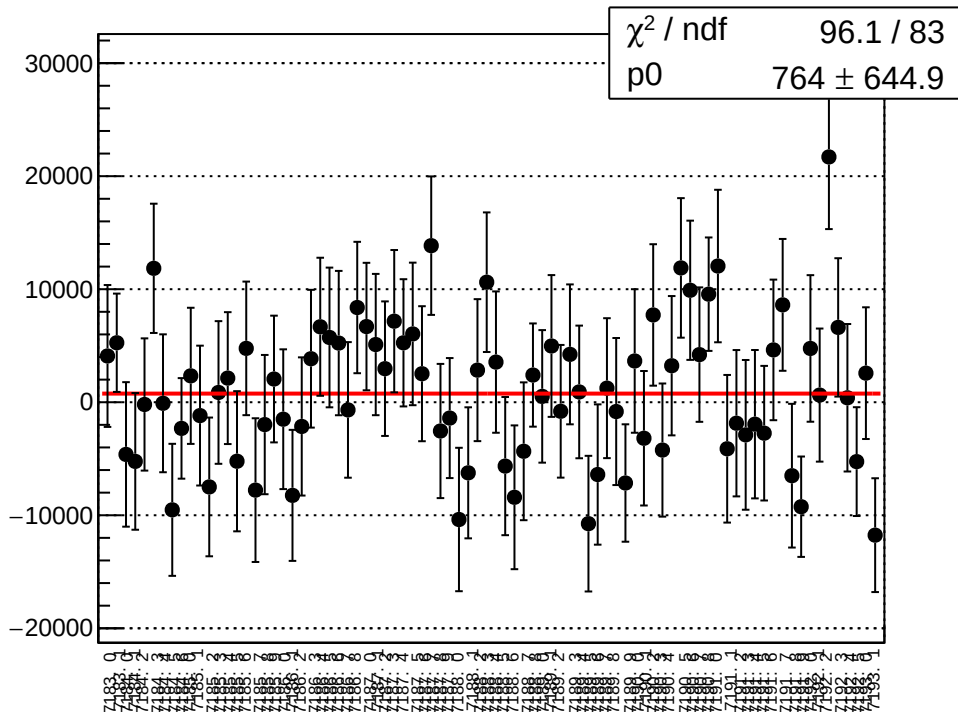
dit_asym_sam_2468_avg_mean vs run



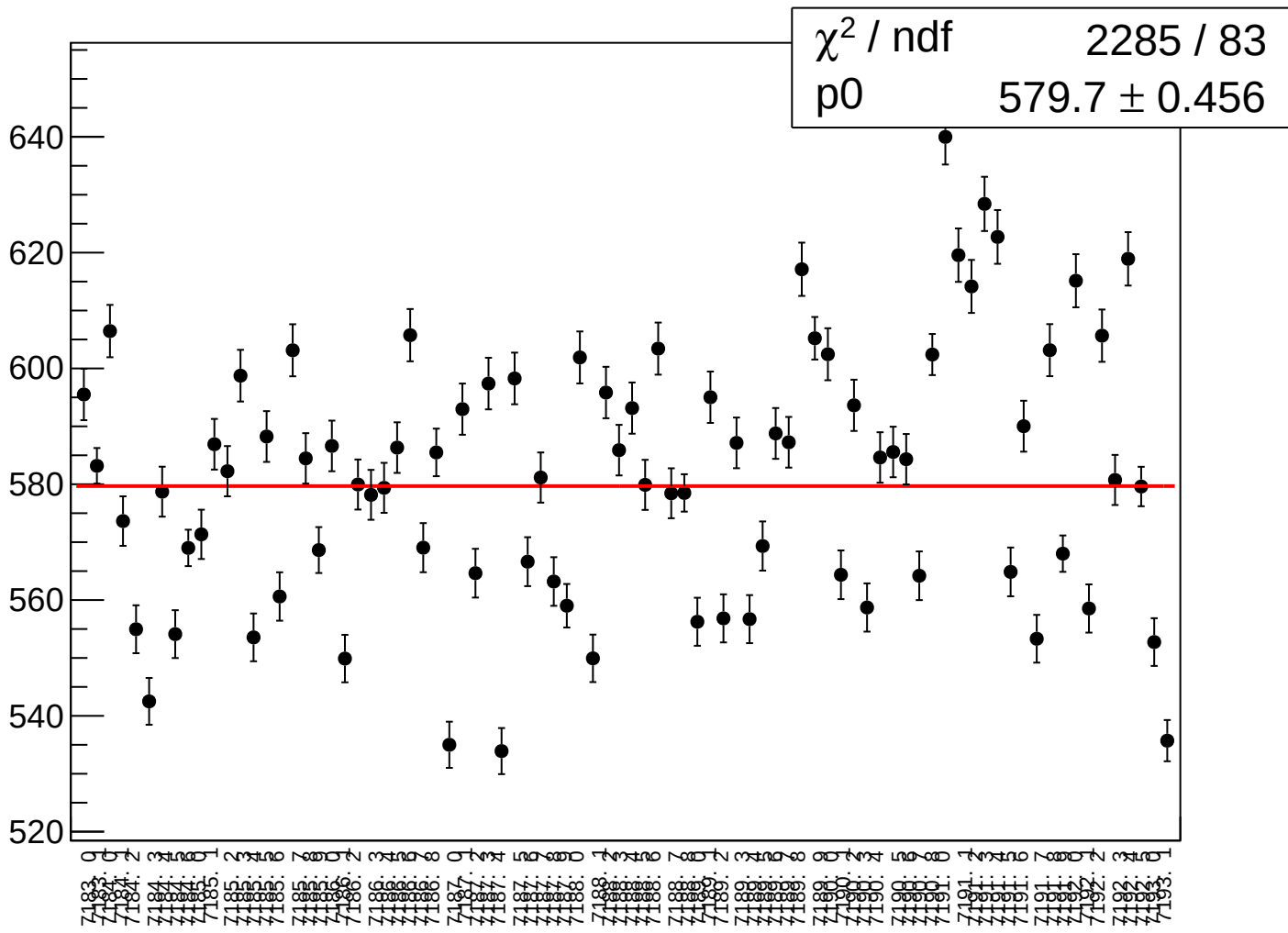
dit_asym_sam_2468_avg_rms vs run



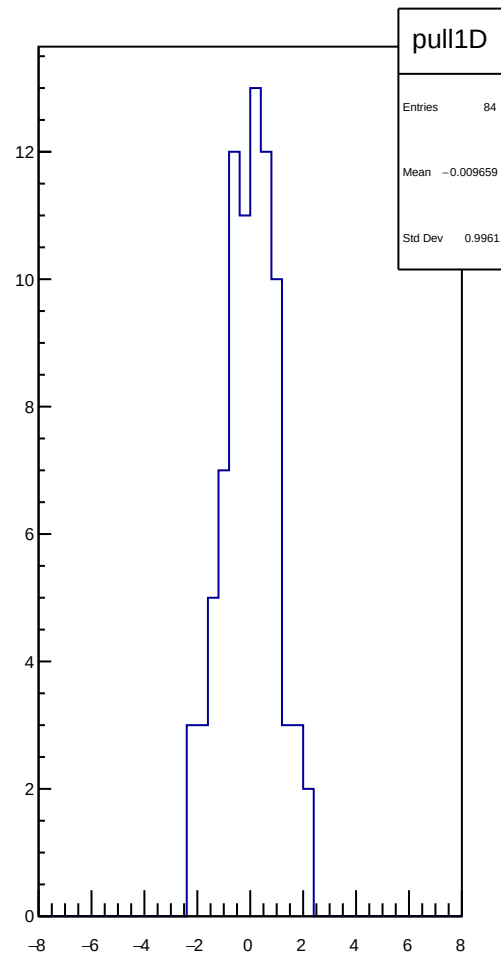
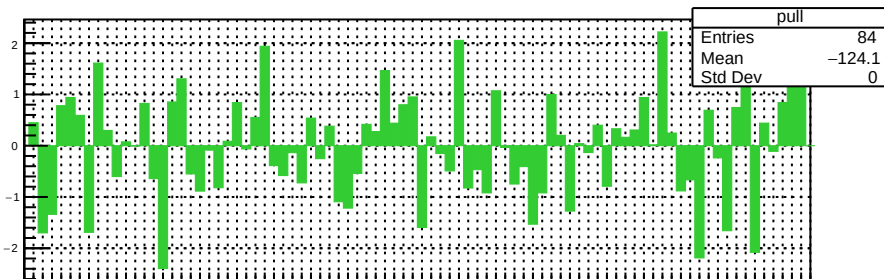
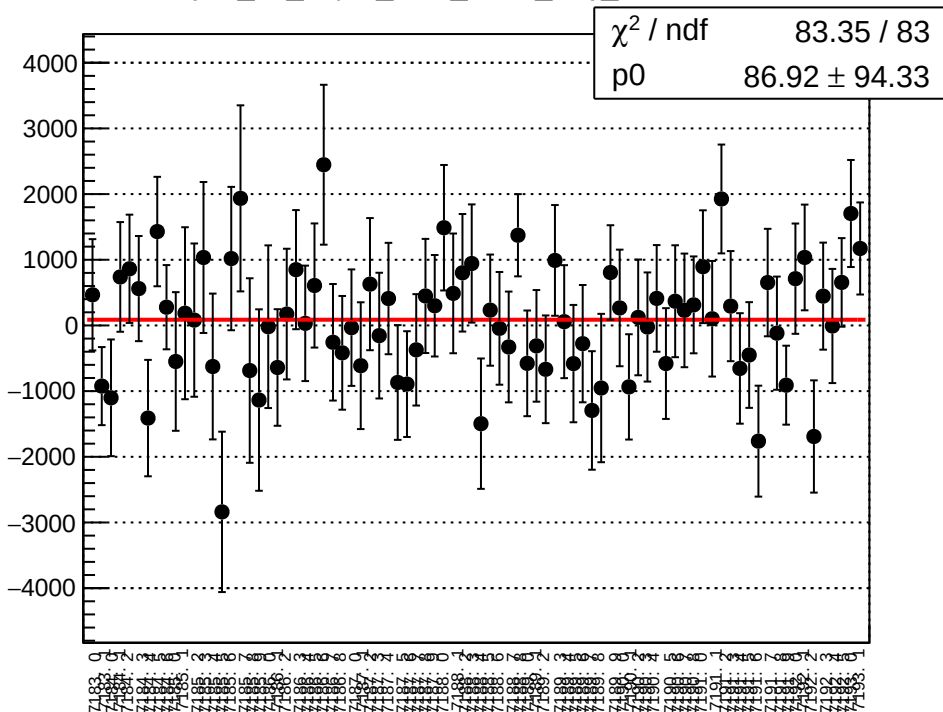
asym_sam_2468_avg_dit_correction_mean vs run



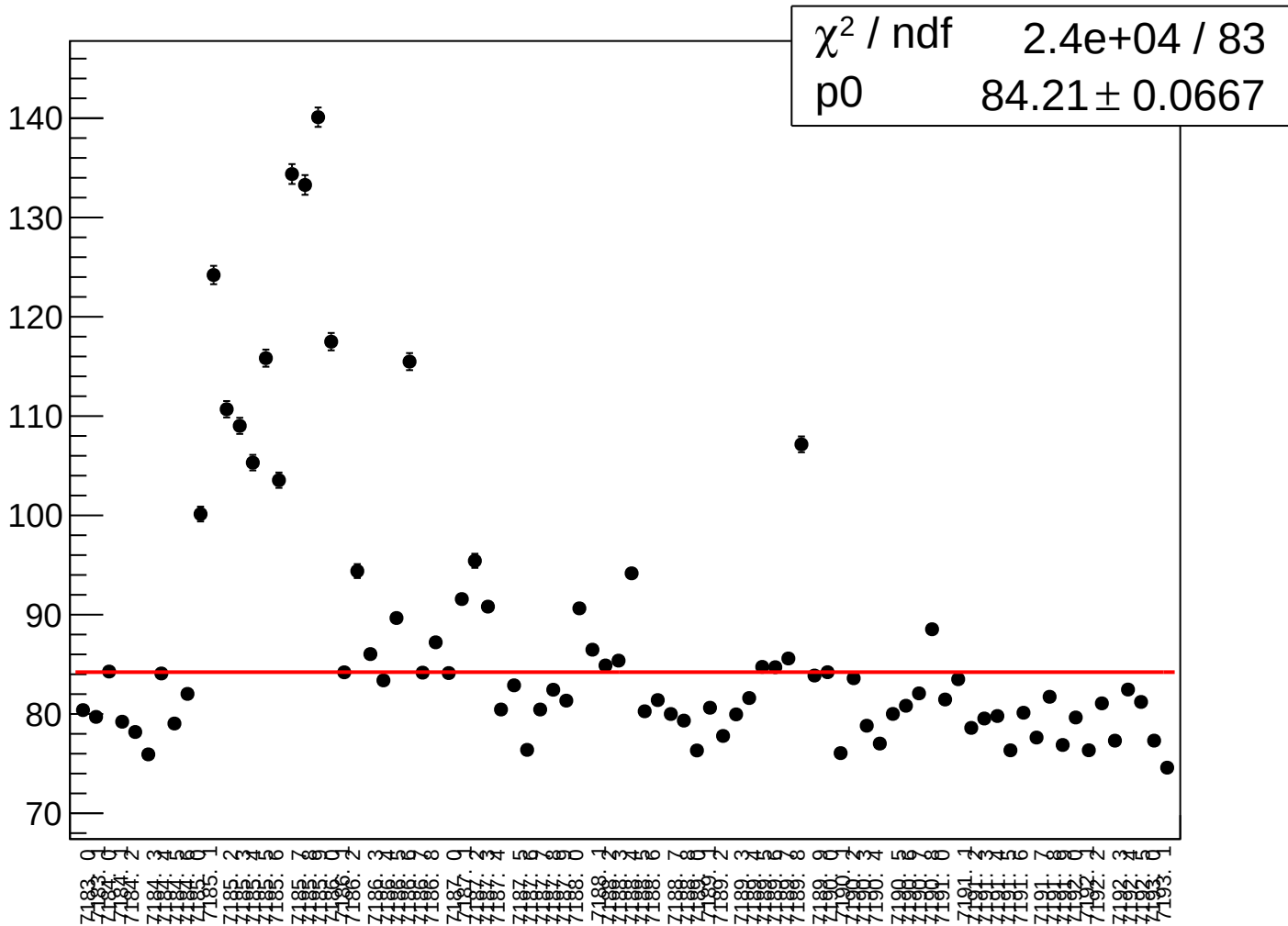
asym_sam_2468_avg_dit_correction_rms vs run



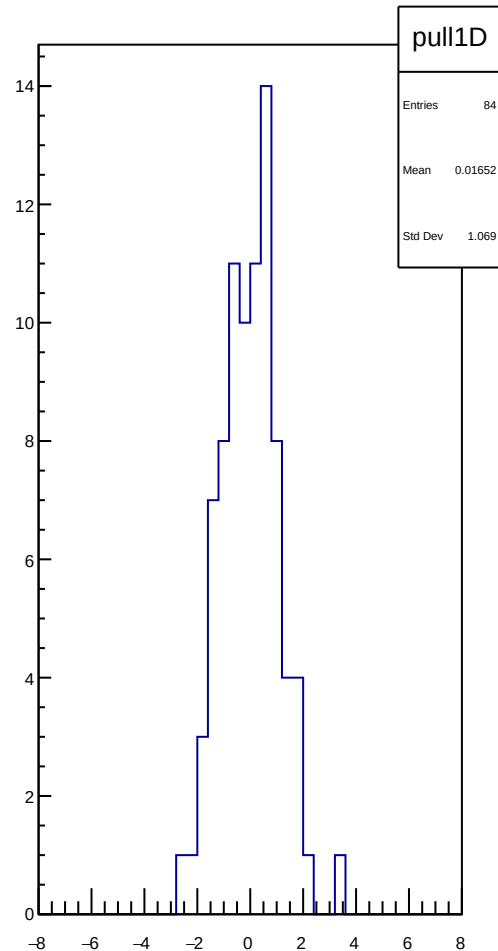
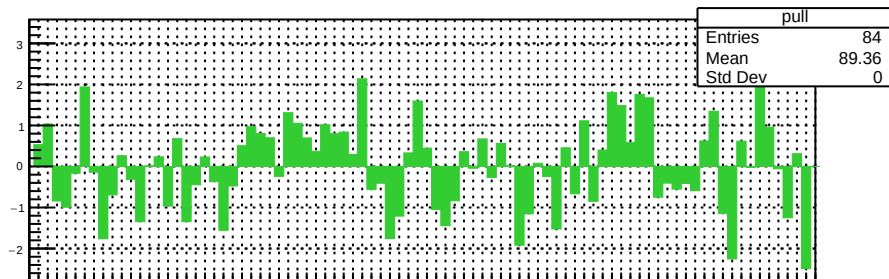
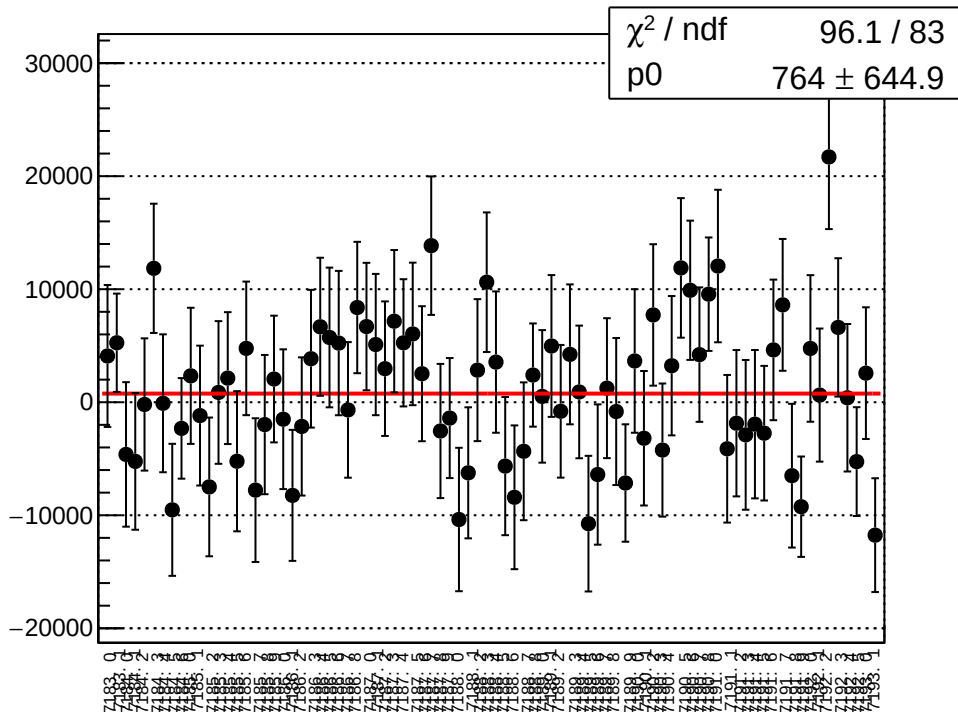
eigen_dit_asym_sam_2468_avg_mean vs run



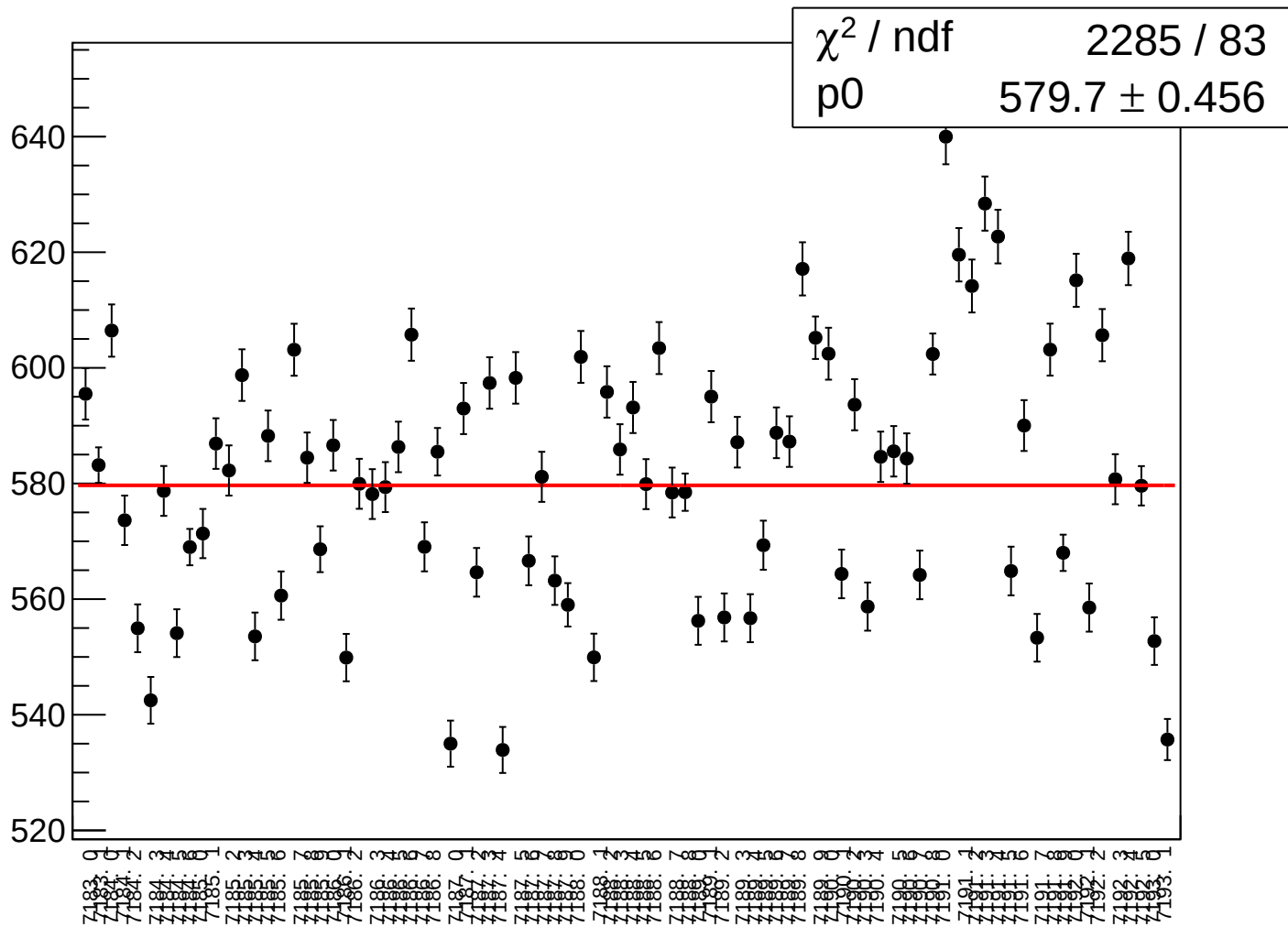
eigen_dit_asym_sam_2468_avg_rms vs run



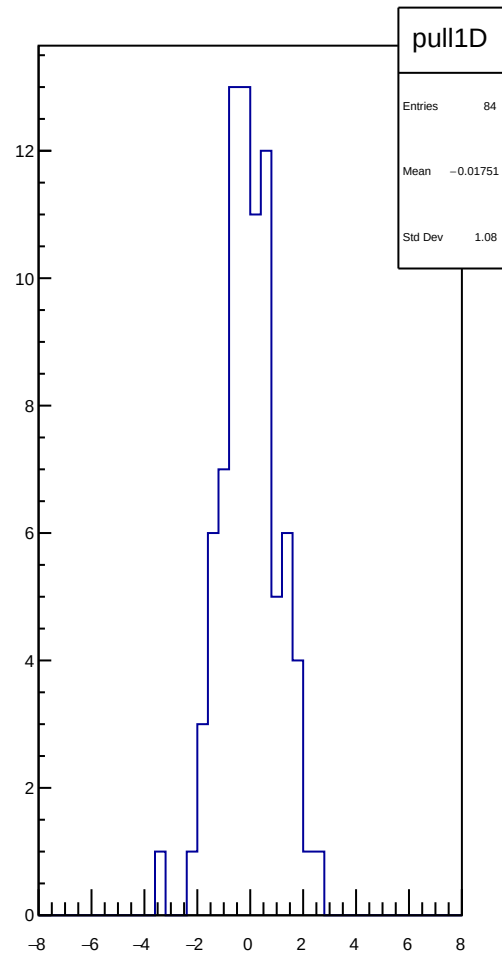
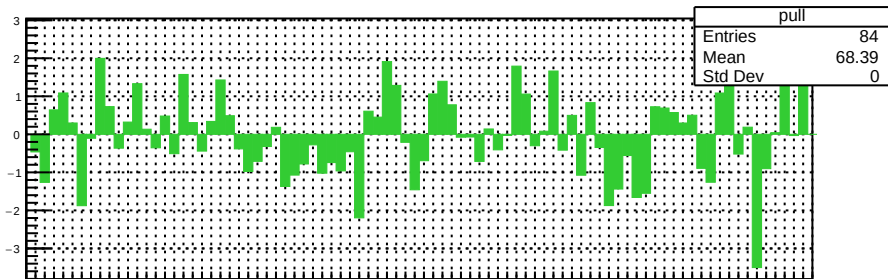
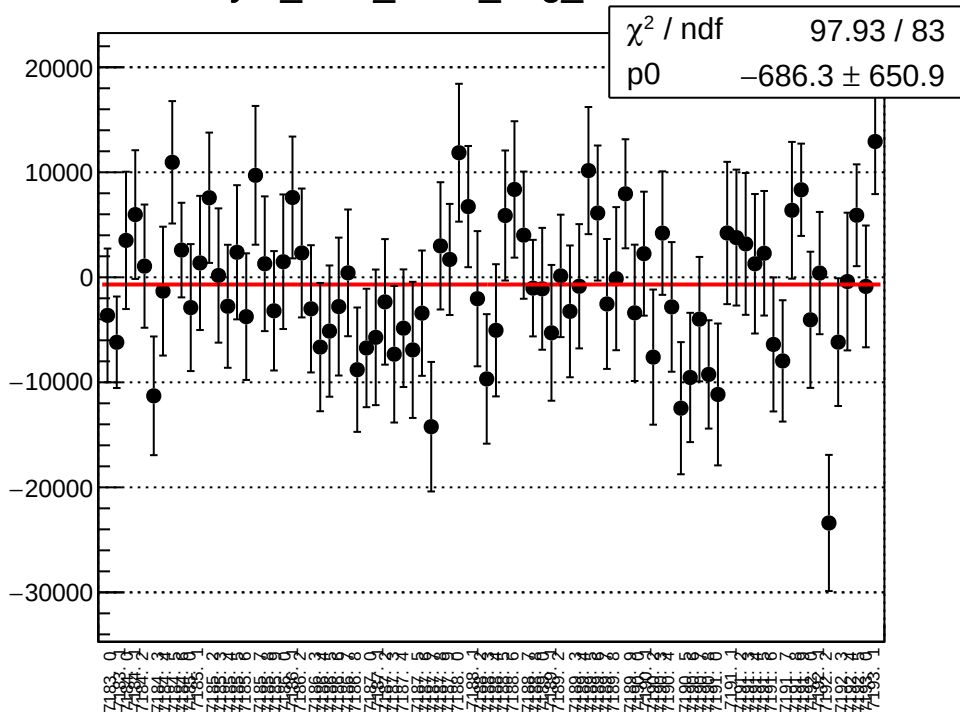
asym_sam_2468_avg_eigen_dit_correction_mean vs run



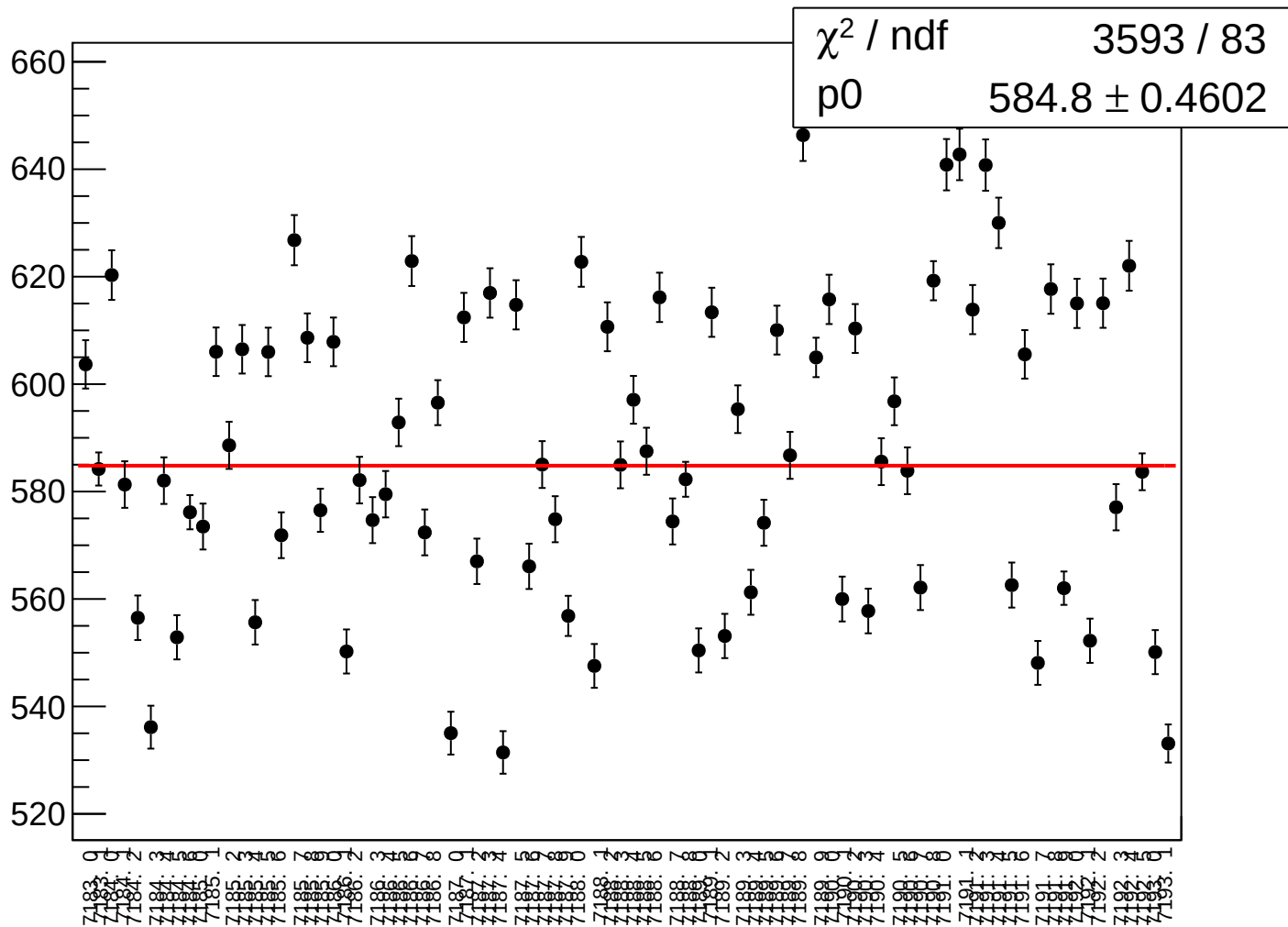
asym_sam_2468_avg_eigen_dit_correction_rms vs run



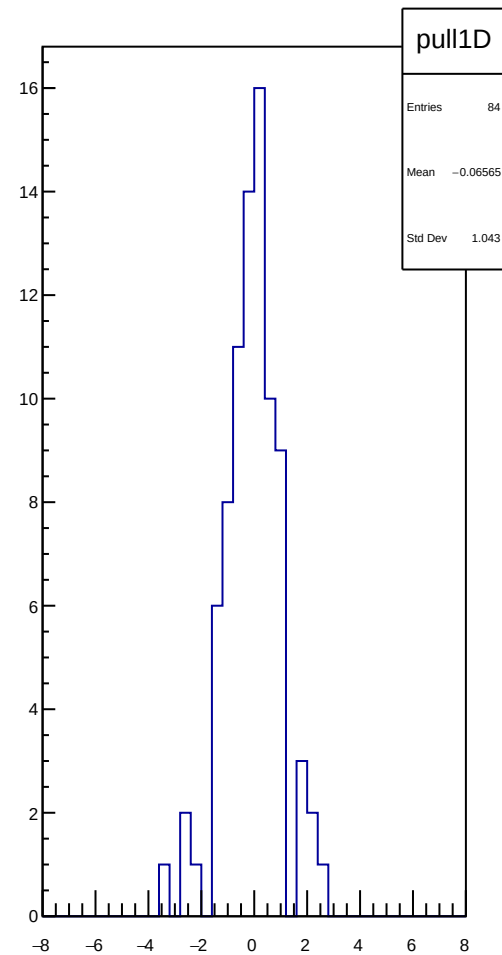
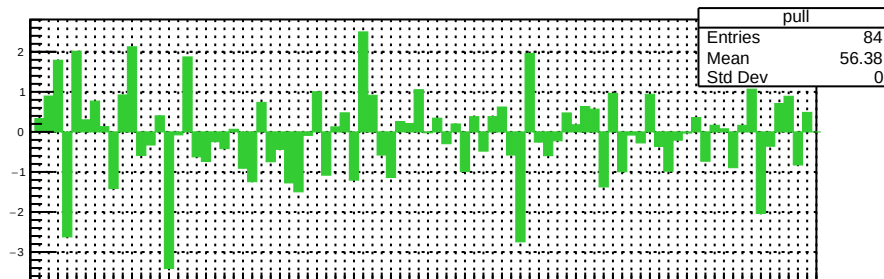
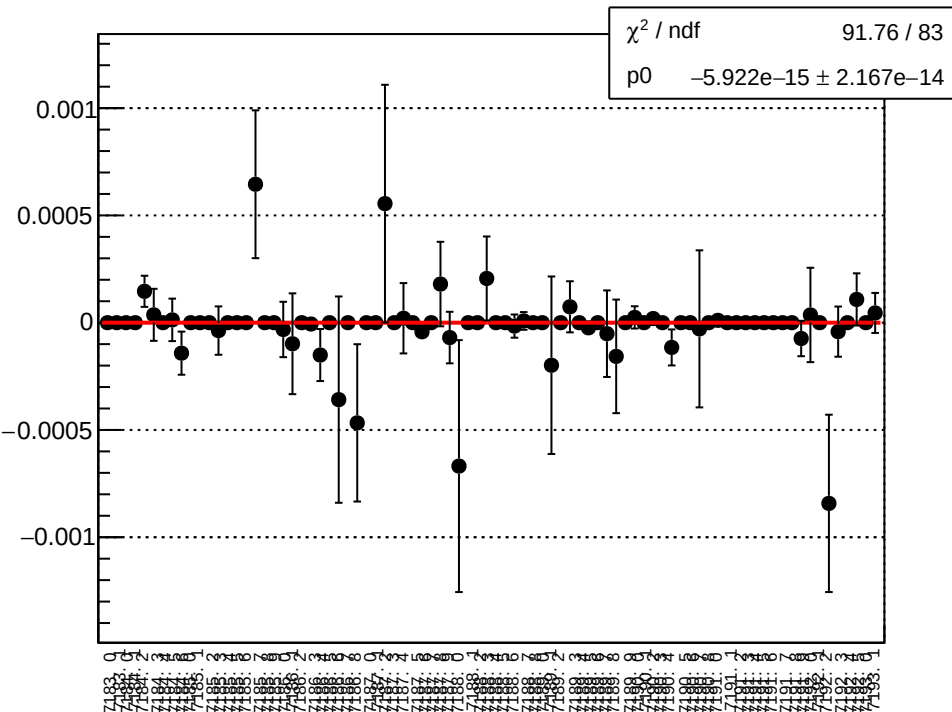
asym sam 2468 avg mean vs run



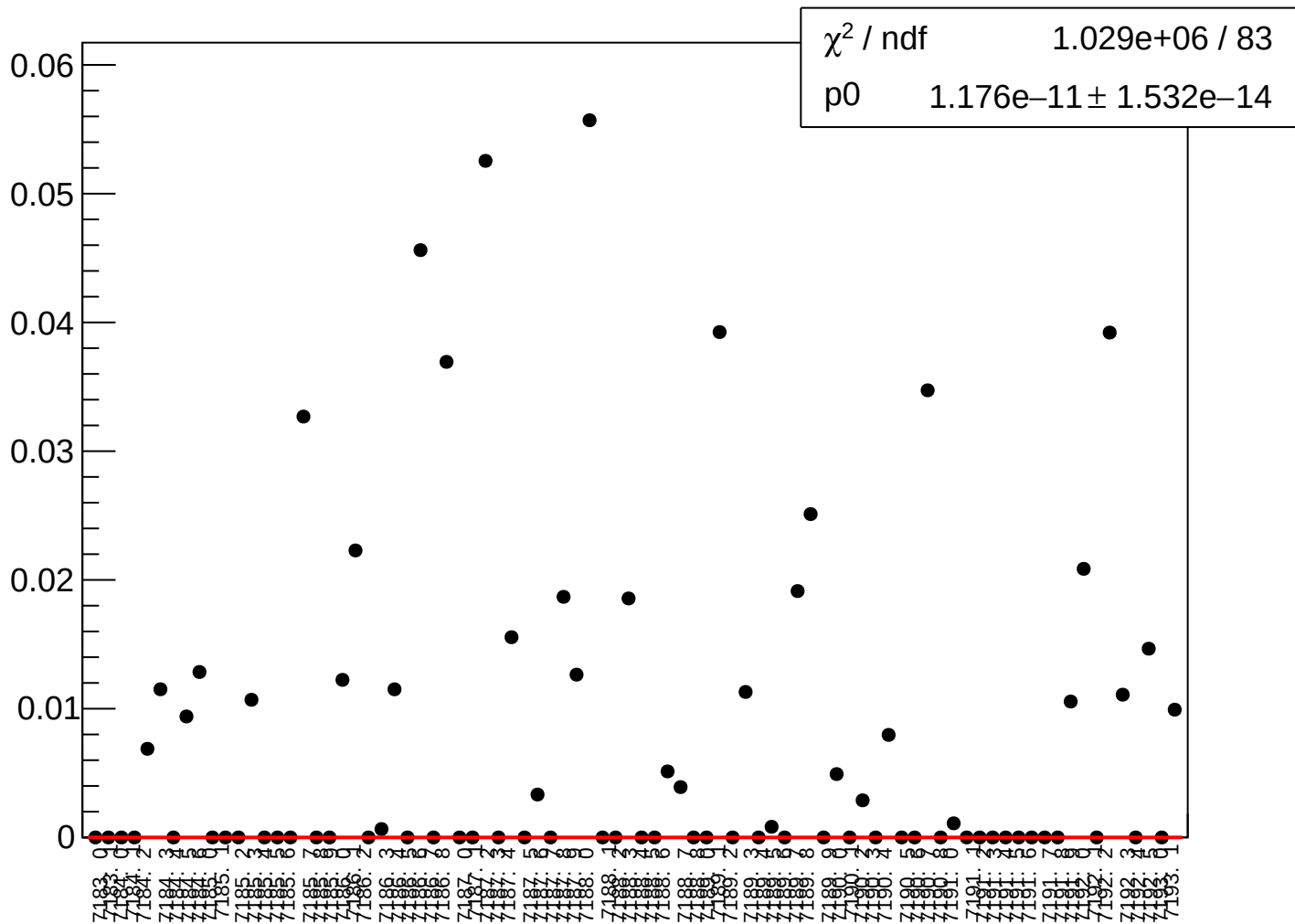
asym_sam_2468_avg_rms vs run



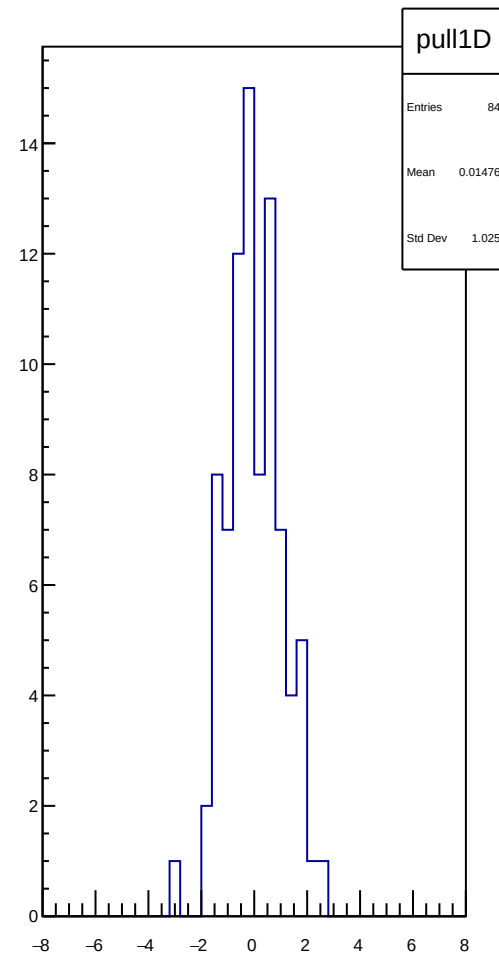
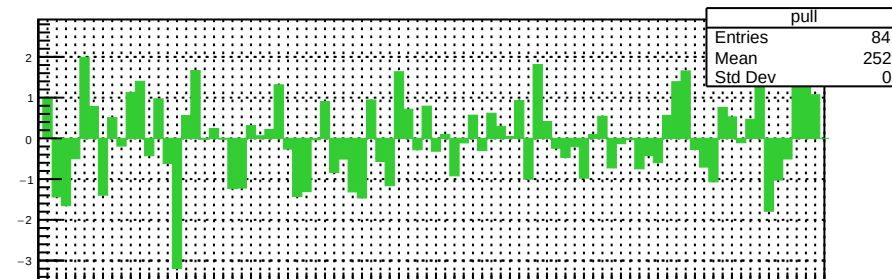
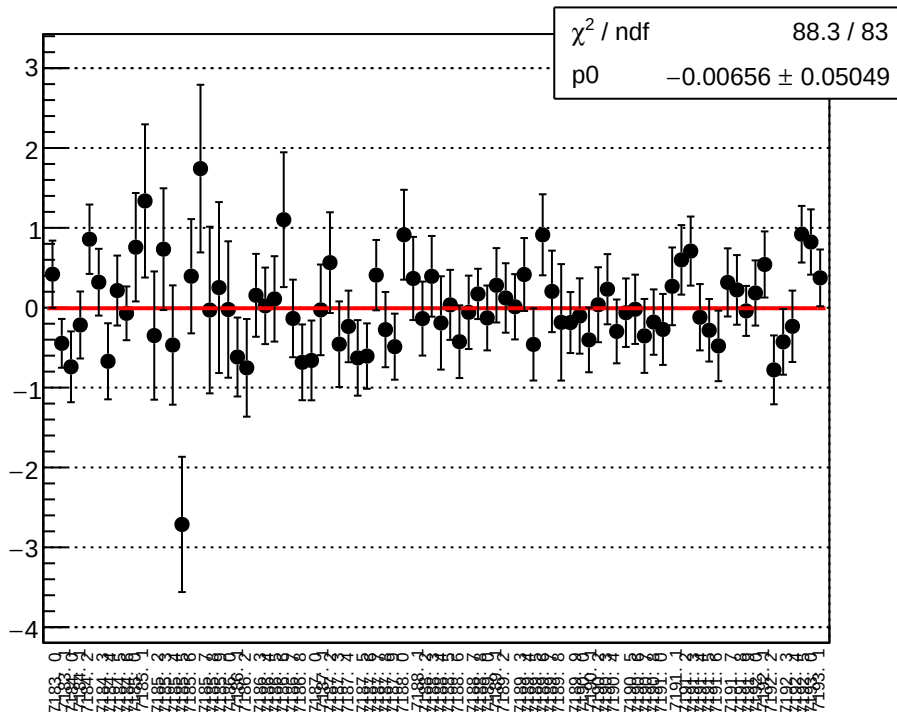
asym_sam_2468_avg_reg_vs_cor_diff_mean vs run



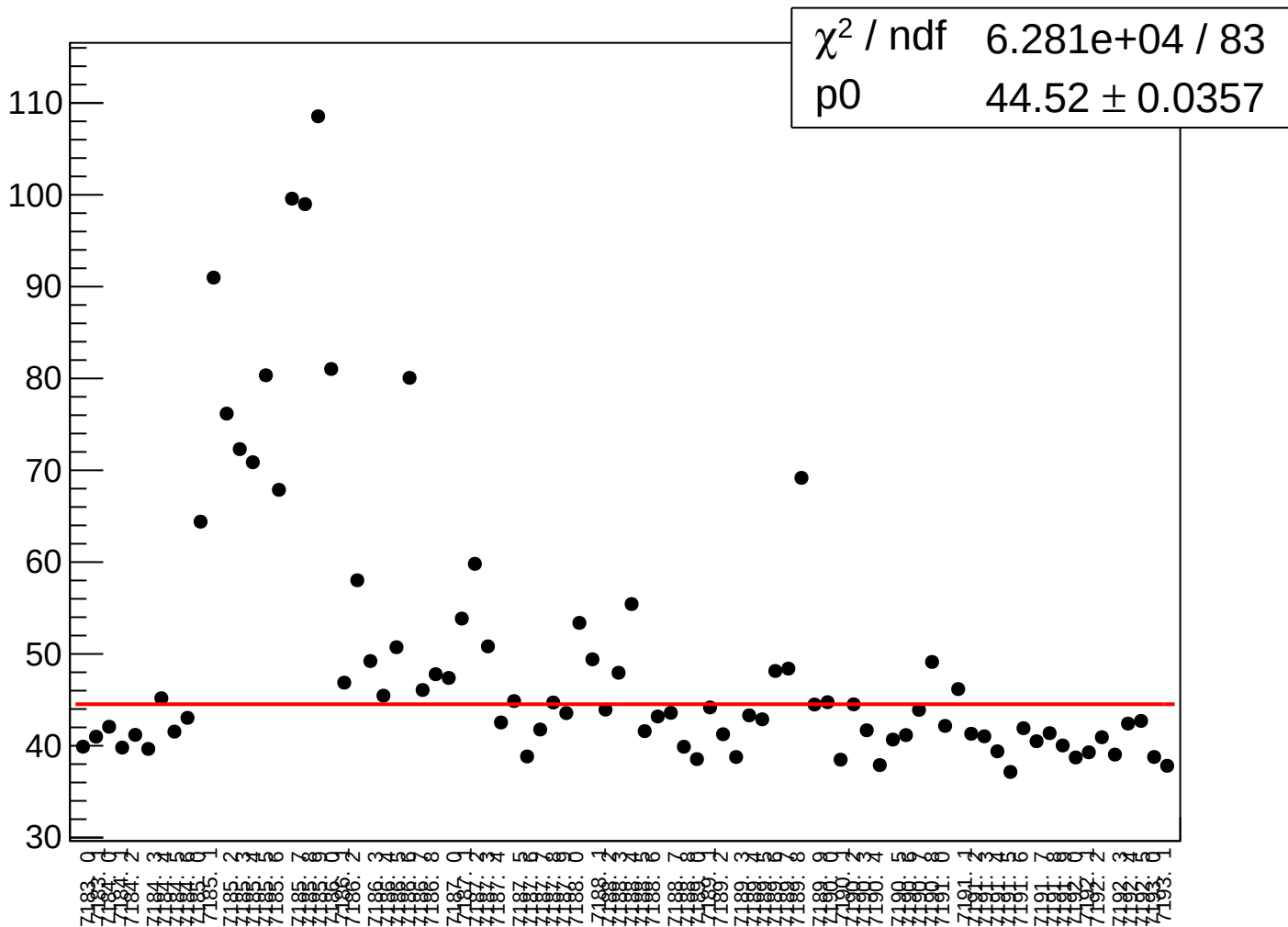
asym sam 2468 avg reg vs cor diff rms vs run



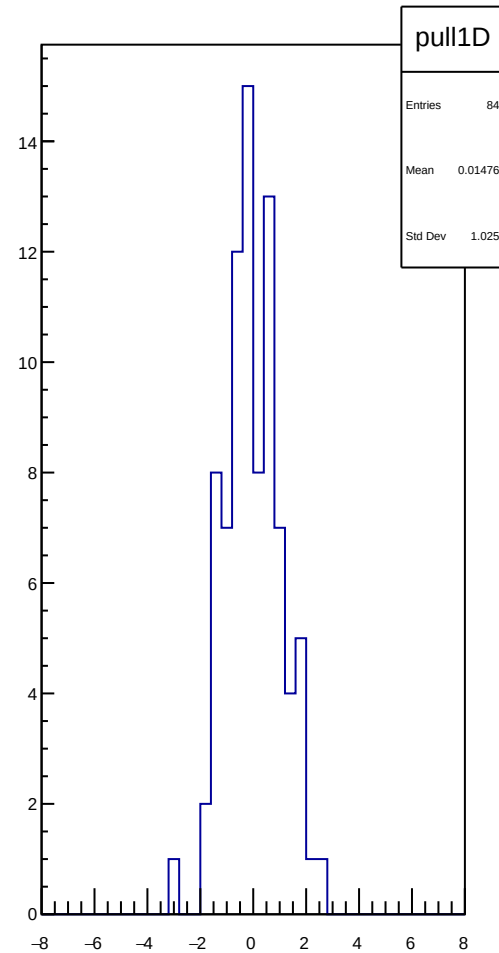
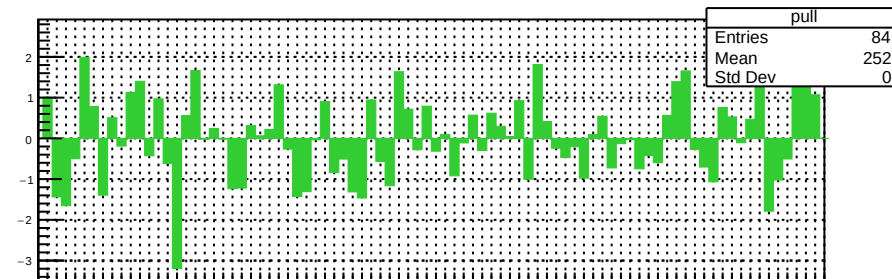
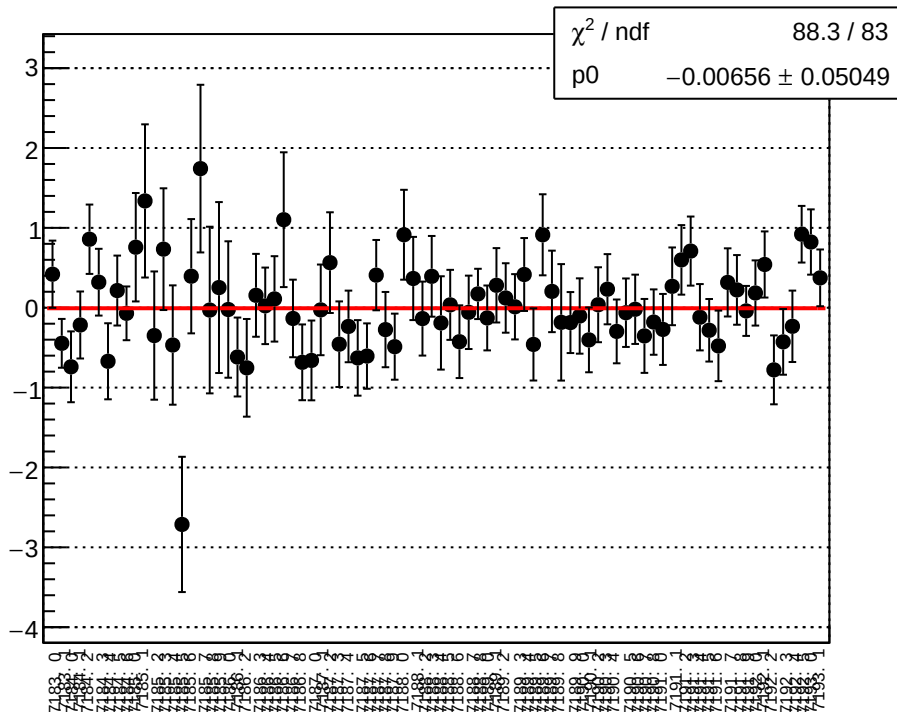
asym_sam_2468_avg_dit_vs_cor_diff_mean vs run



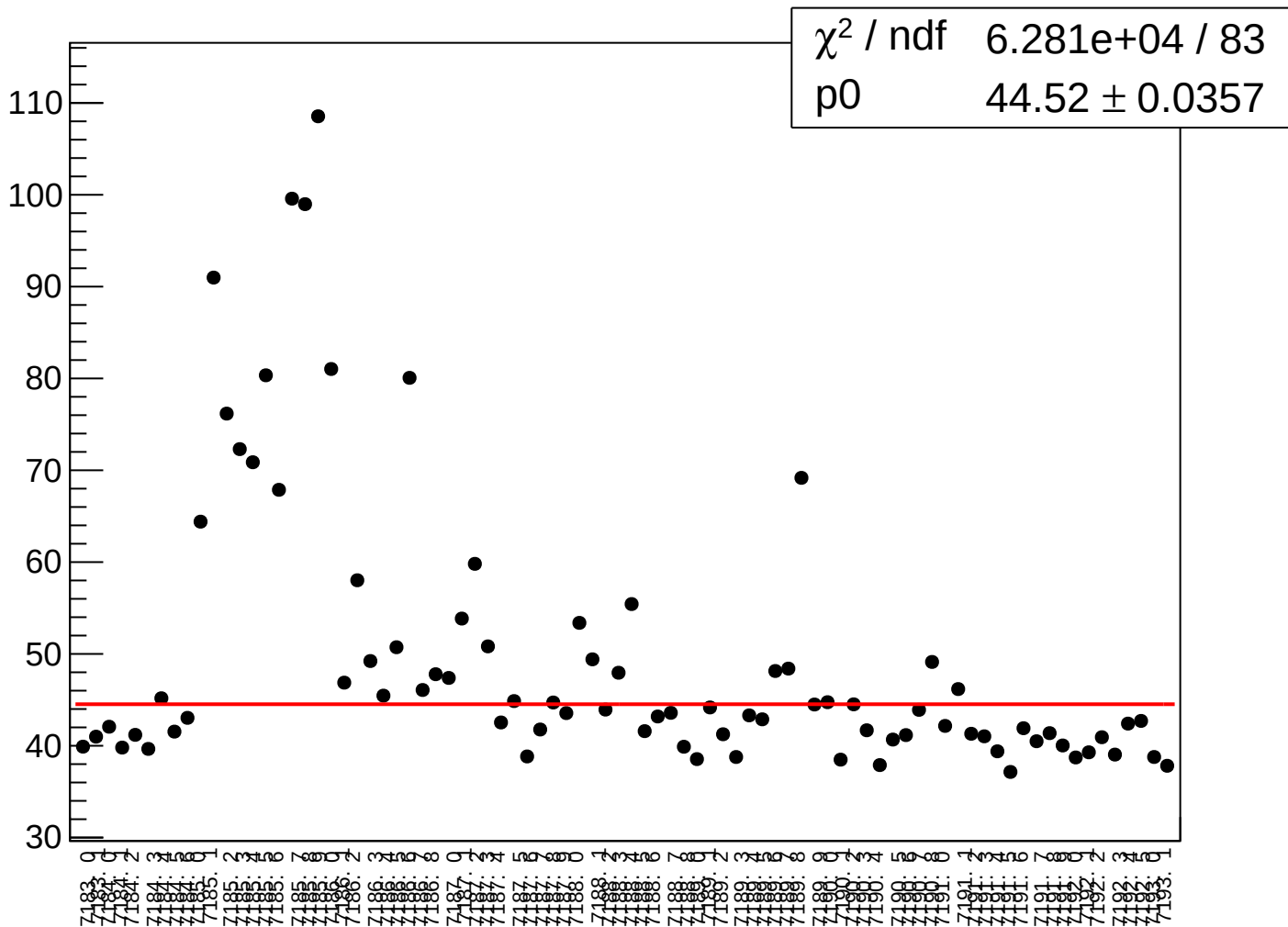
asym_sam_2468_avg_dit_vs_cor_diff_rms vs run



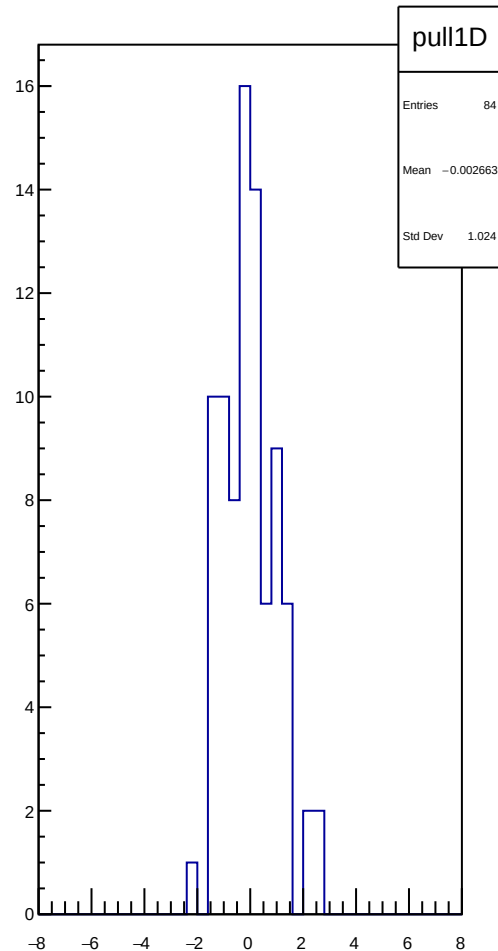
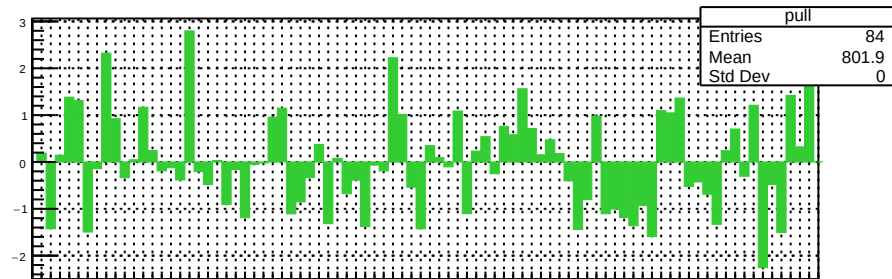
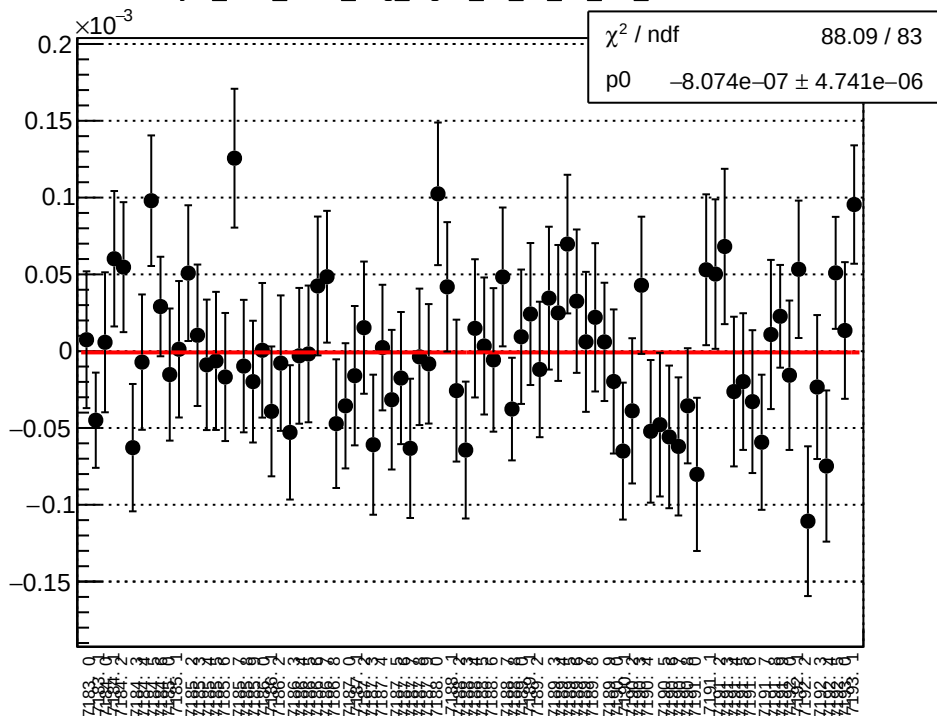
asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs run



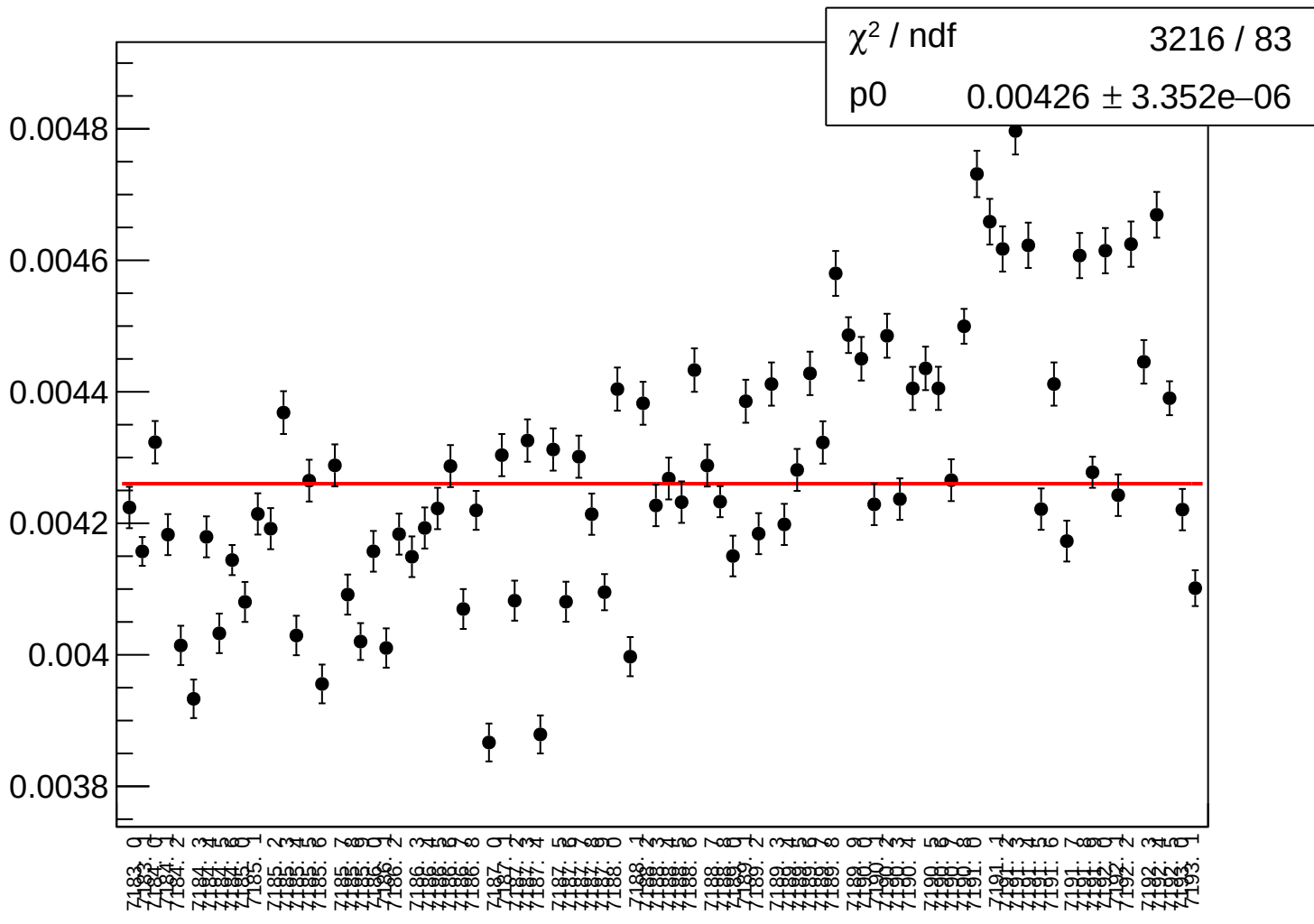
asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs run



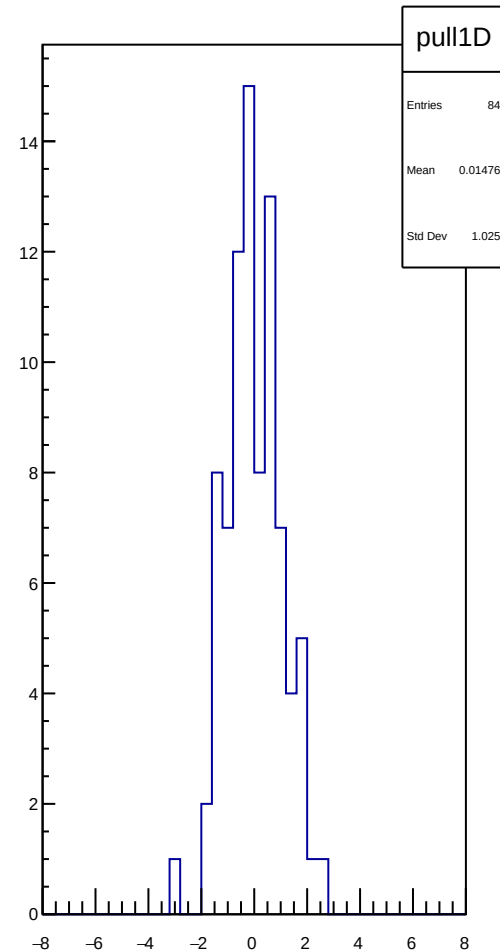
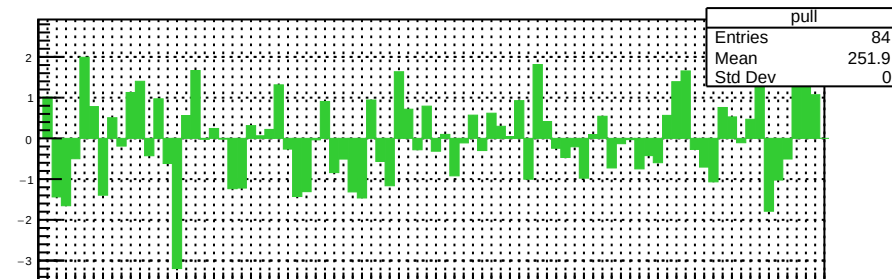
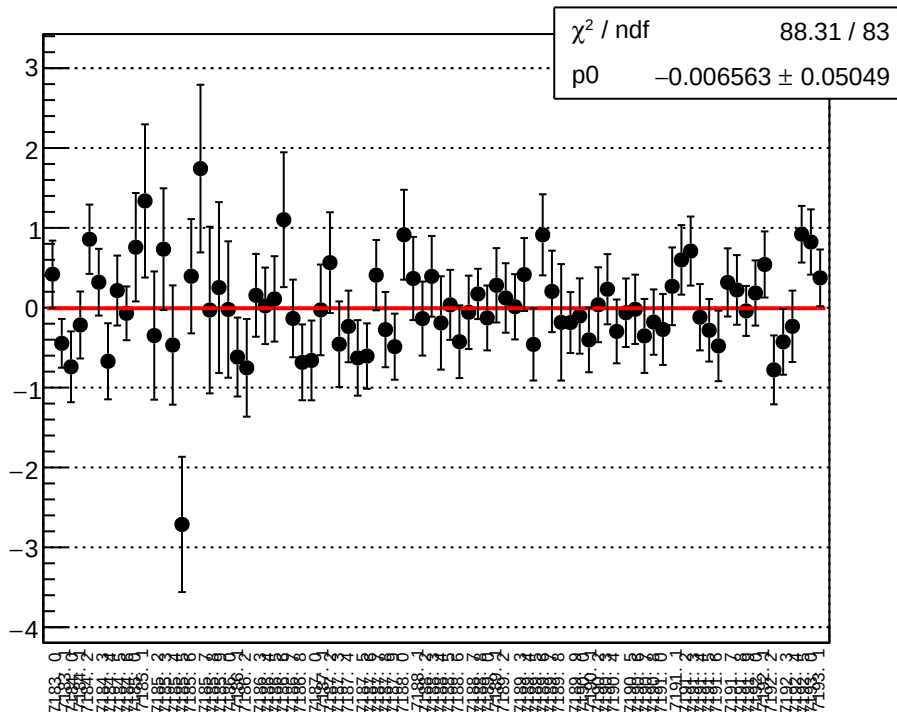
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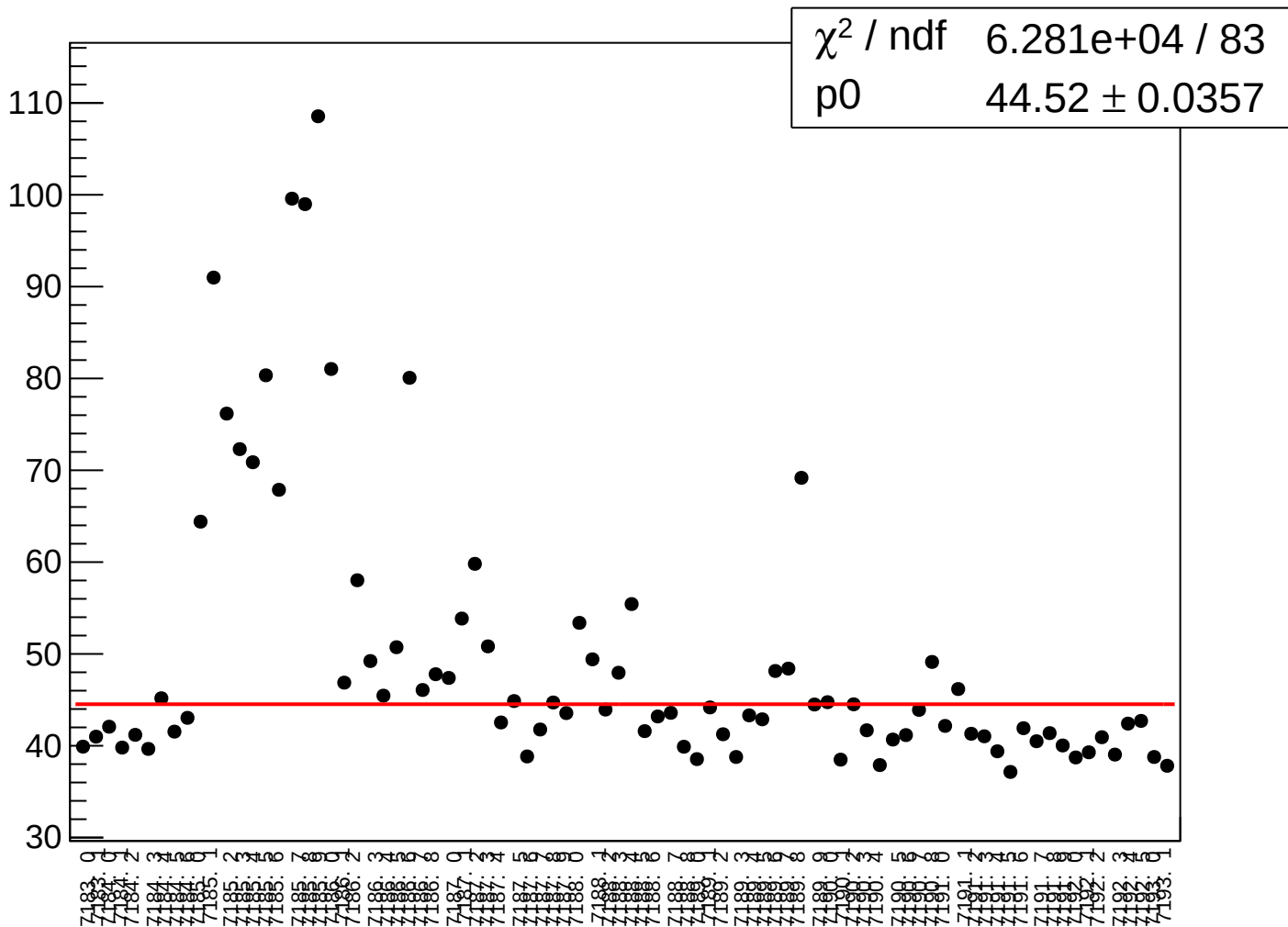
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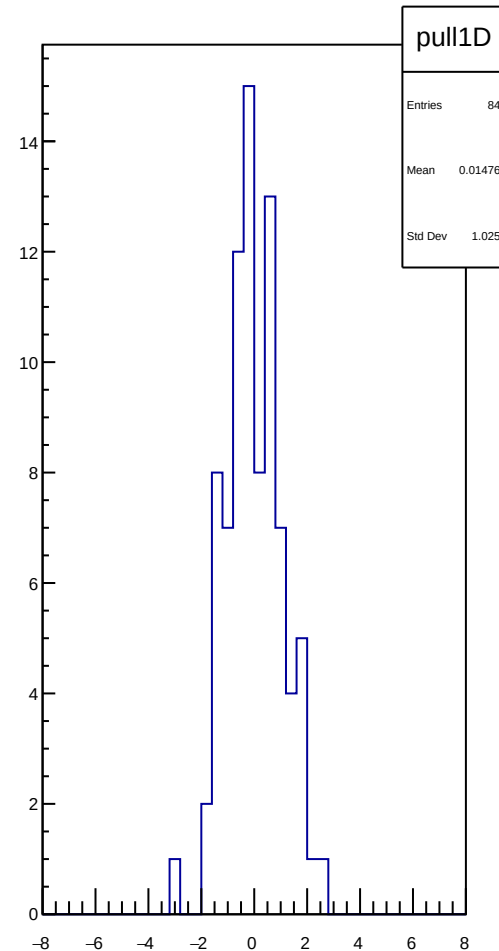
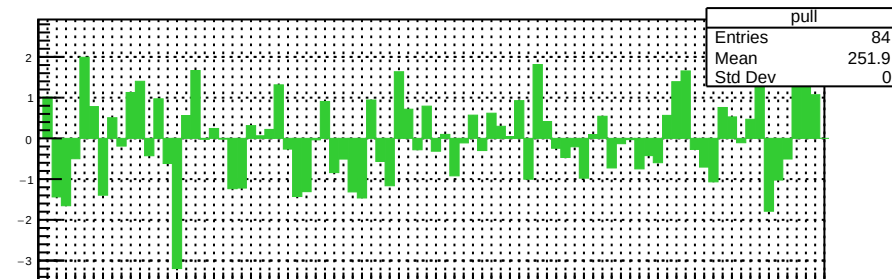
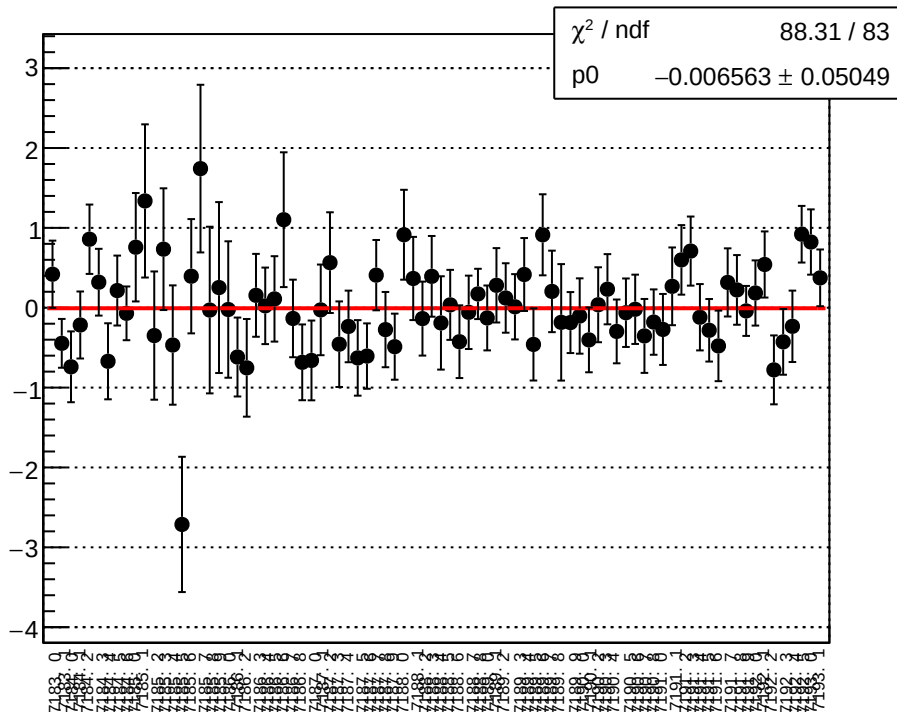
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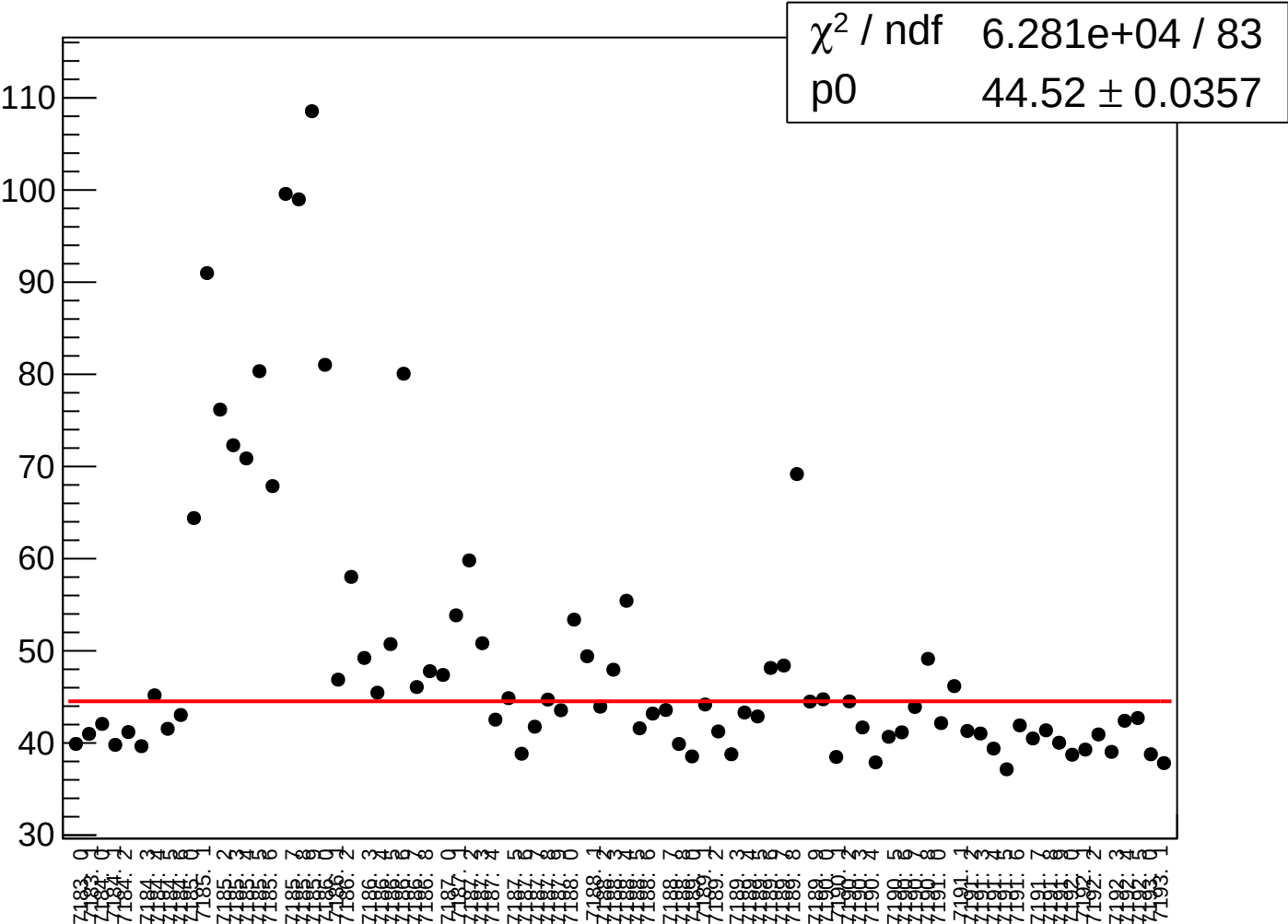
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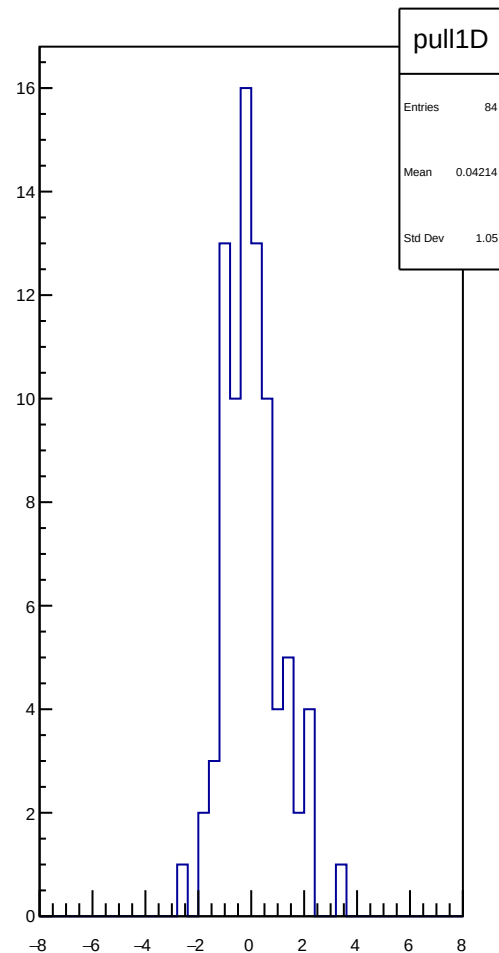
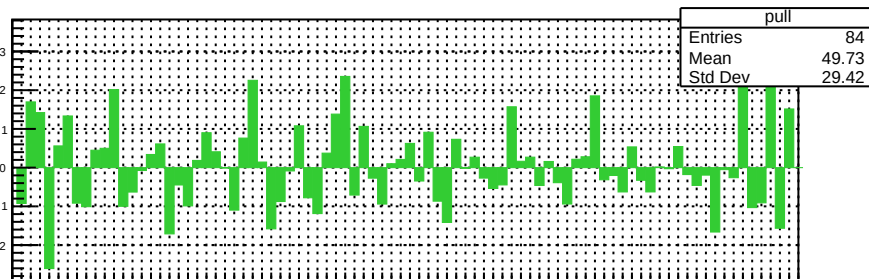
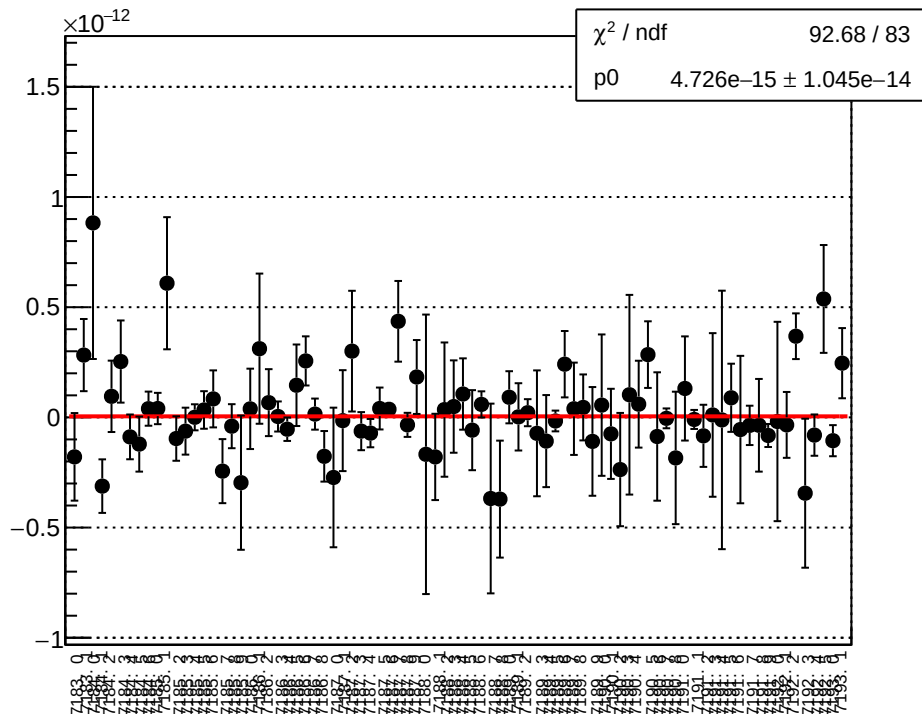
asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs run



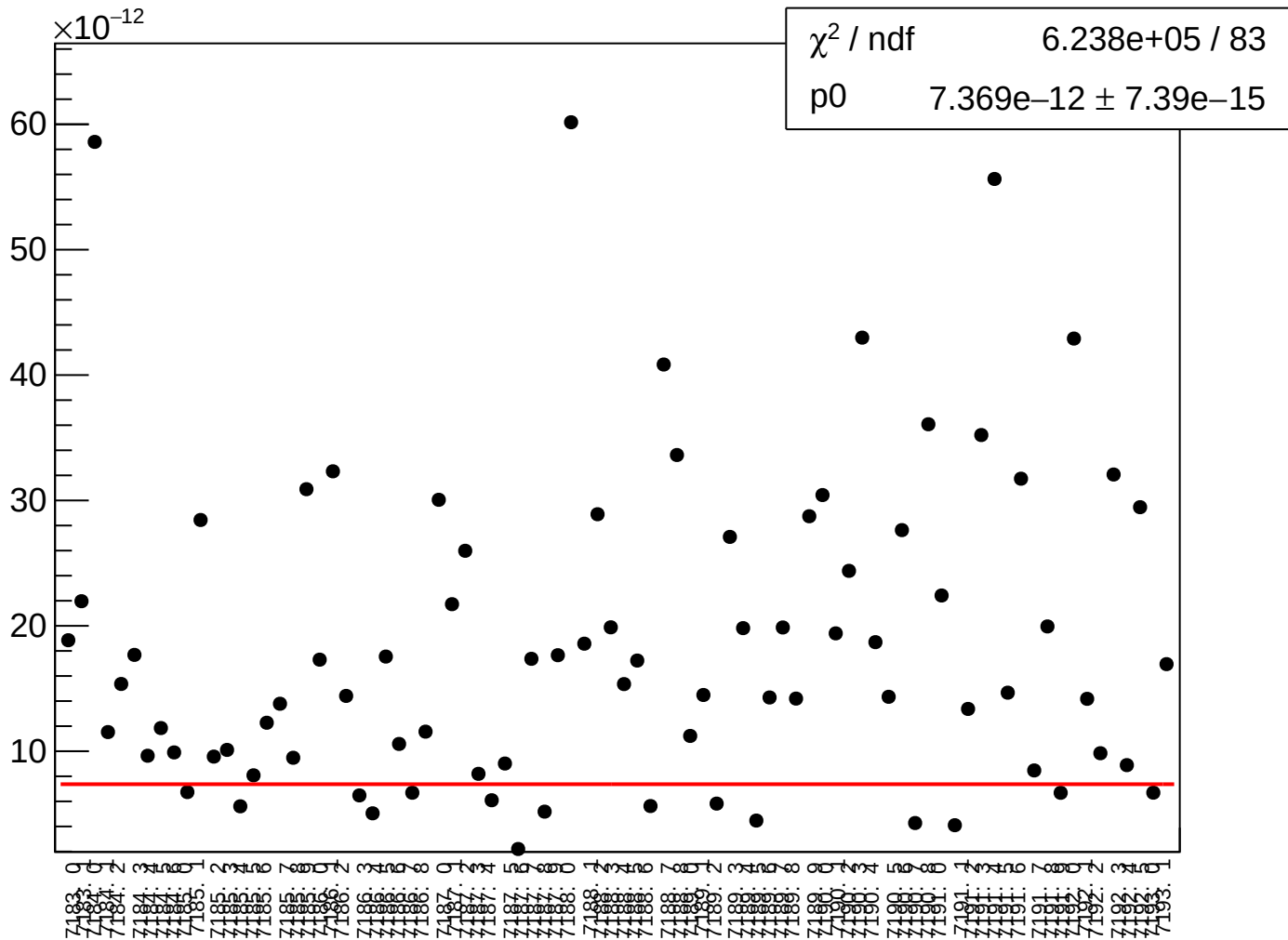
asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs run



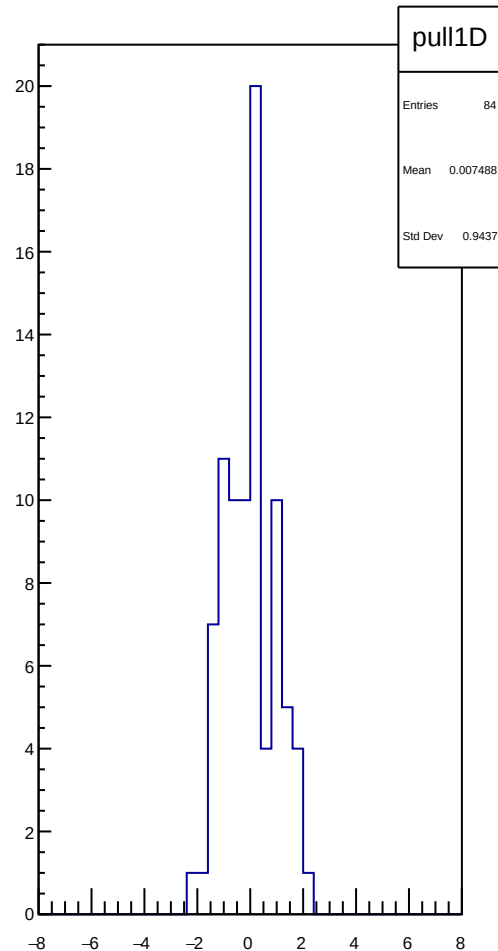
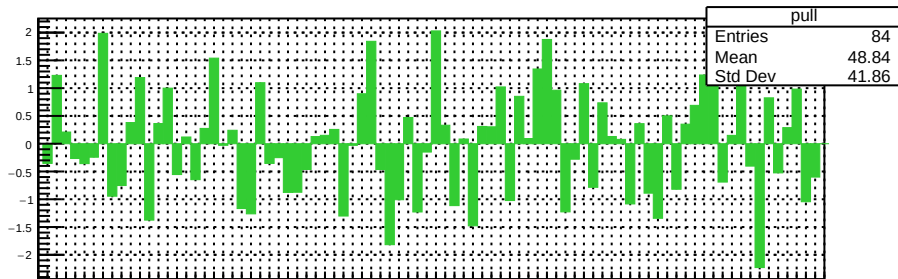
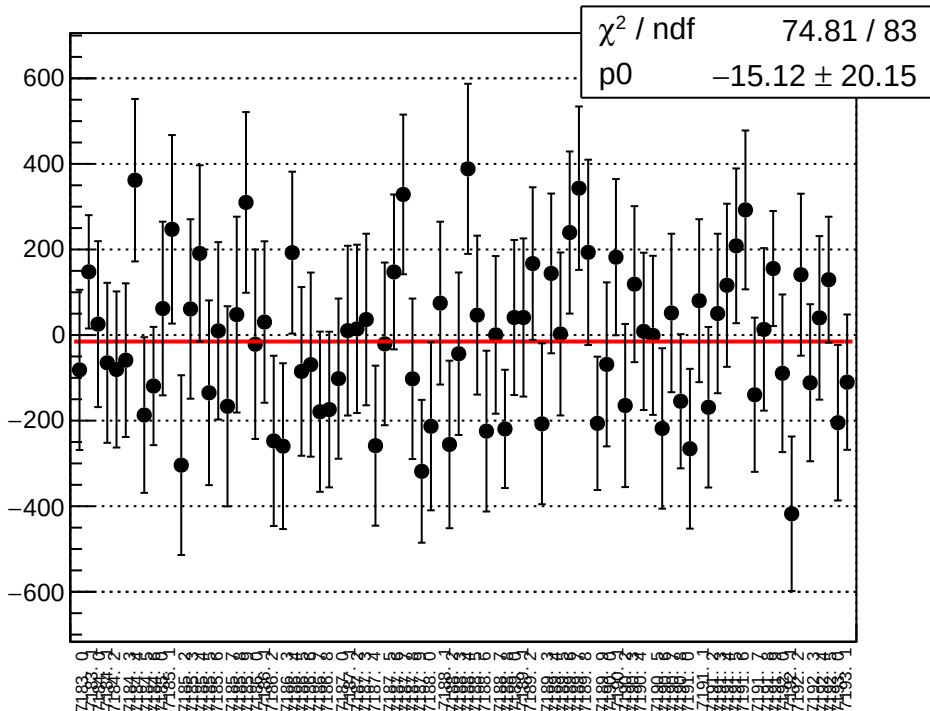
asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs run



asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_1357_2468_dd_mean vs run



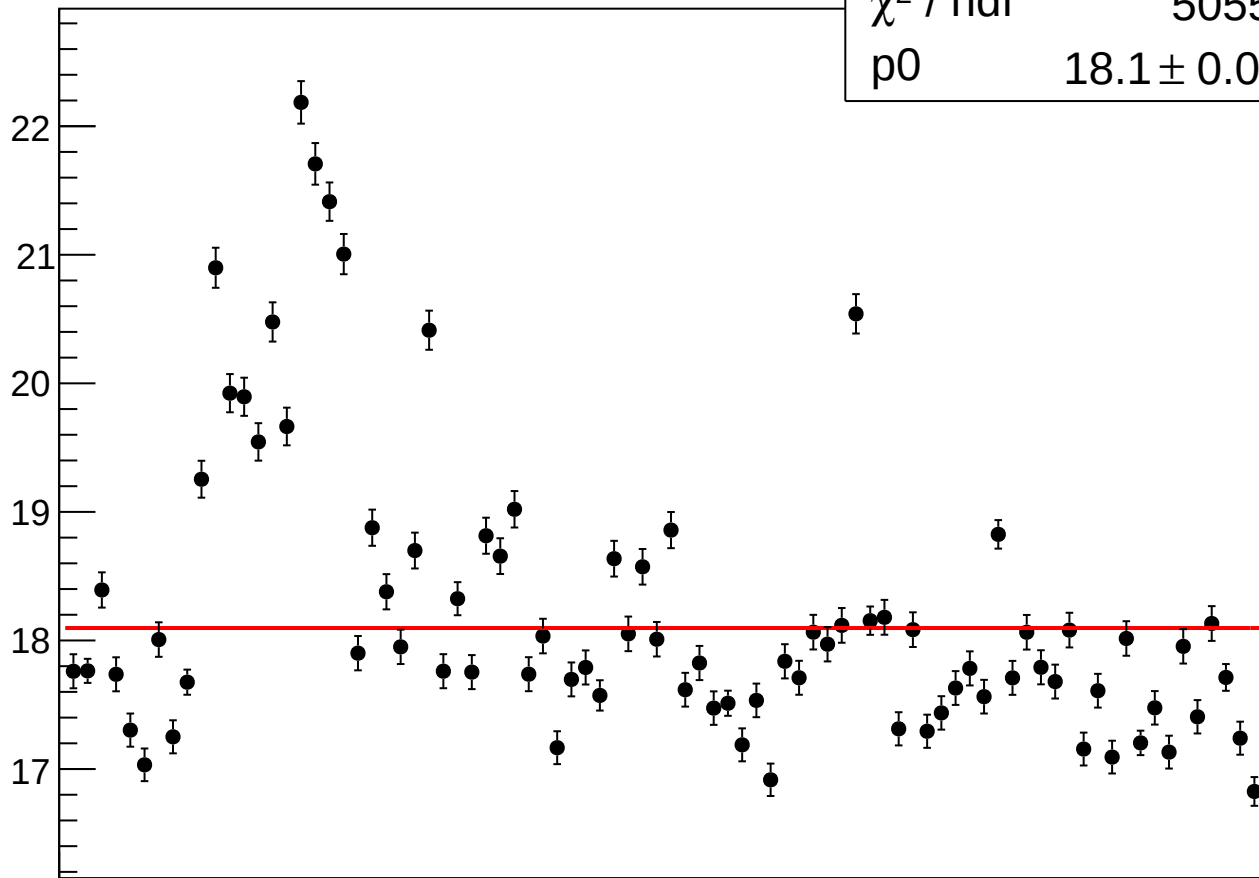
reg_asym_sam_1357_2468_dd_rms vs run

χ^2 / ndf

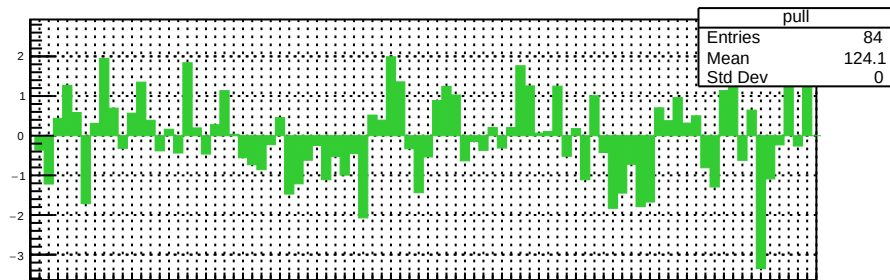
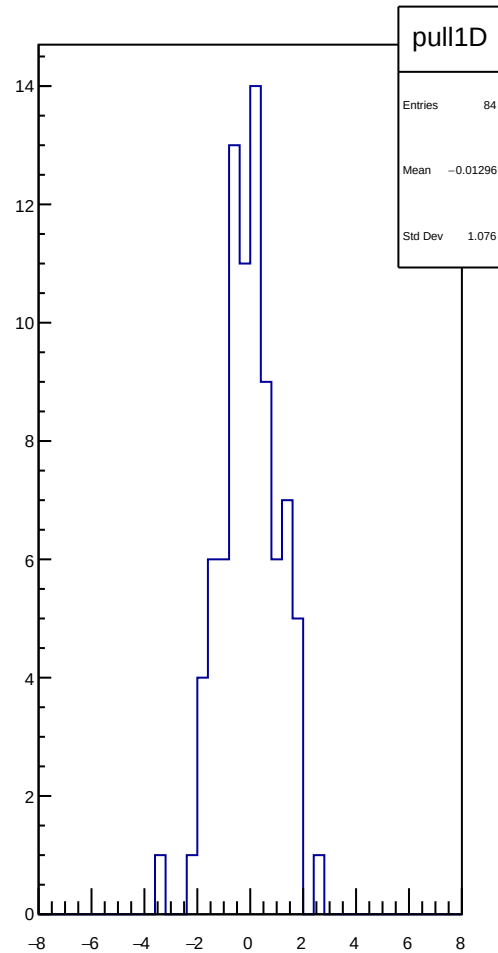
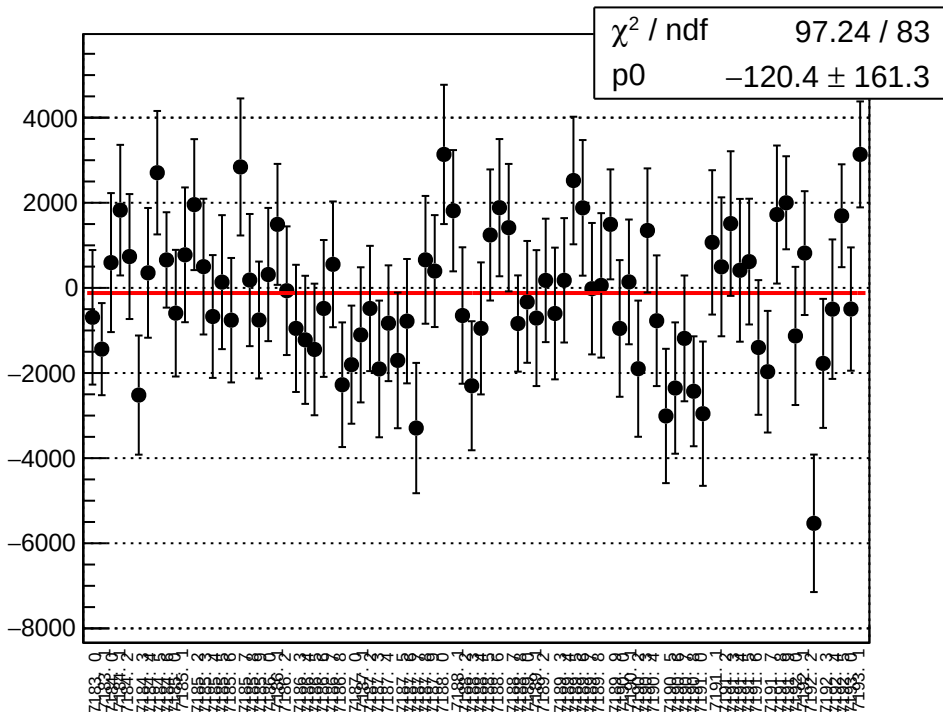
5055 / 83

p0

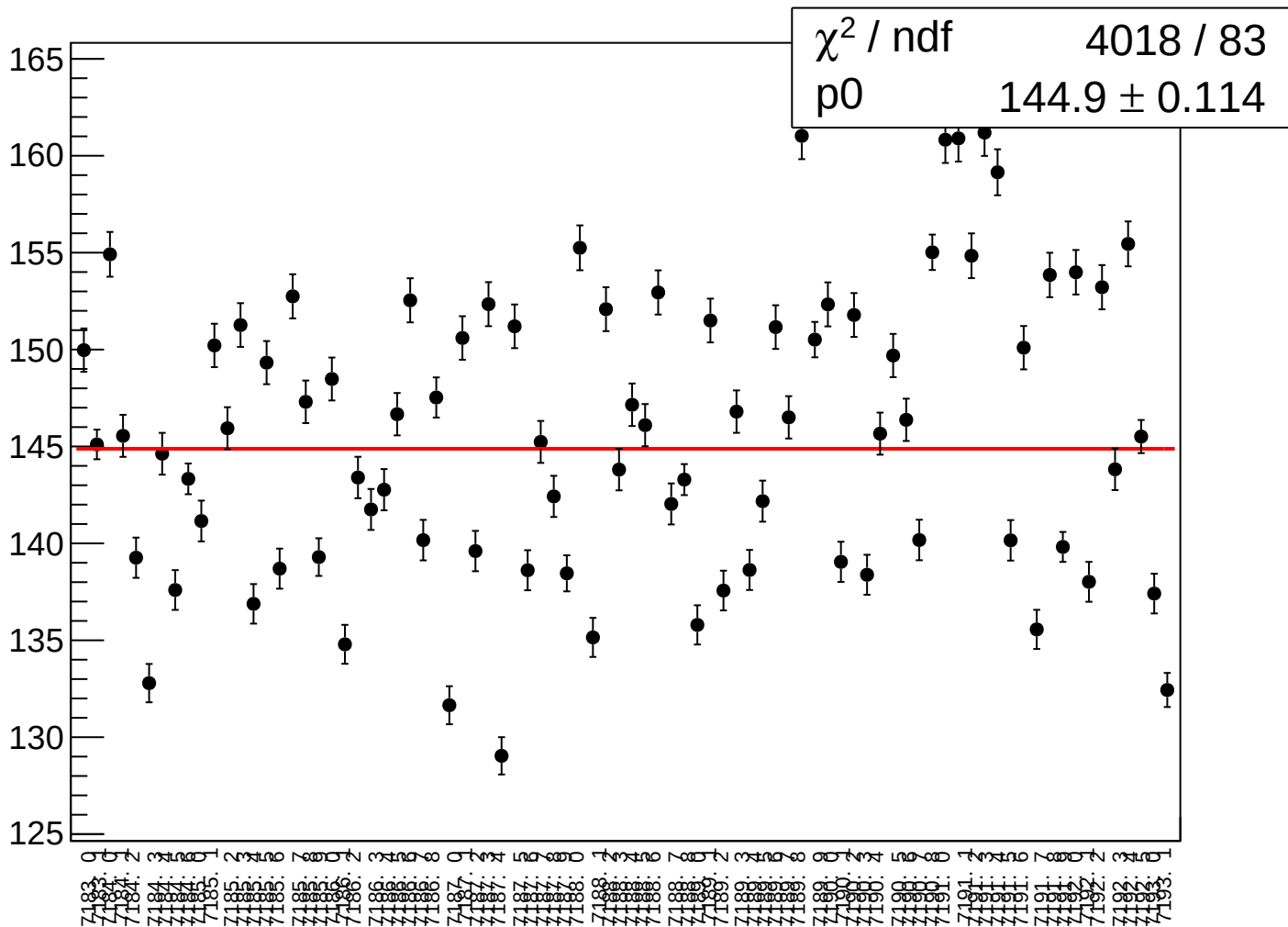
18.1 ± 0.01425



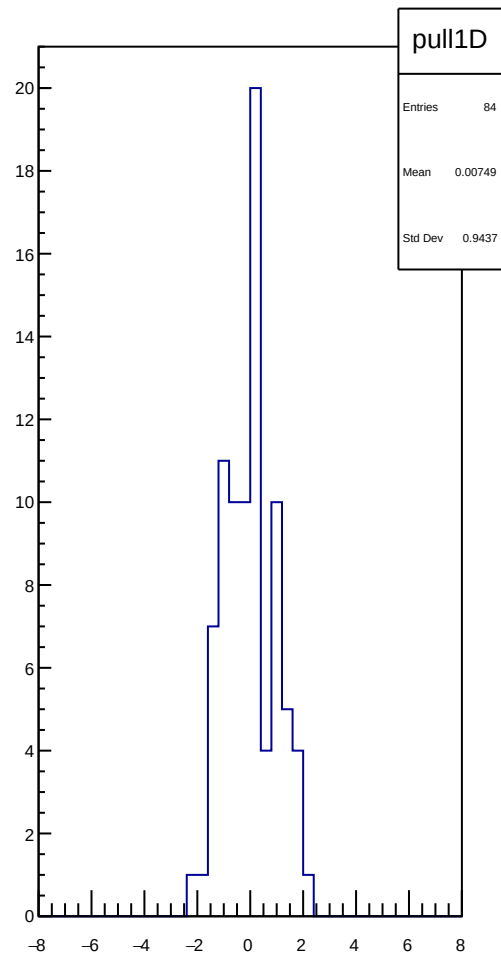
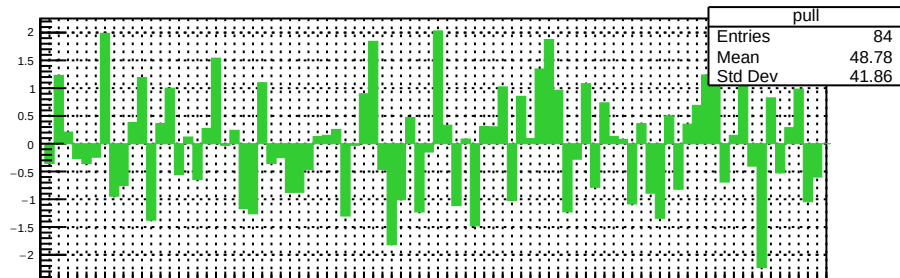
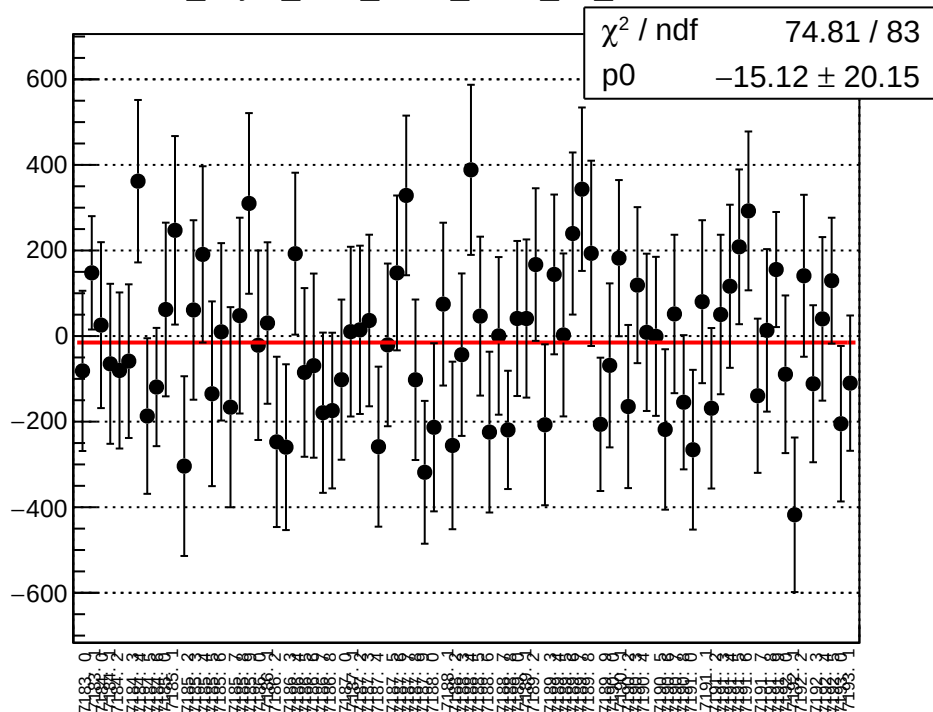
asym_sam_1357_2468_dd_reg_correction_mean vs run



asym_sam_1357_2468_dd_reg_correction_rms vs run

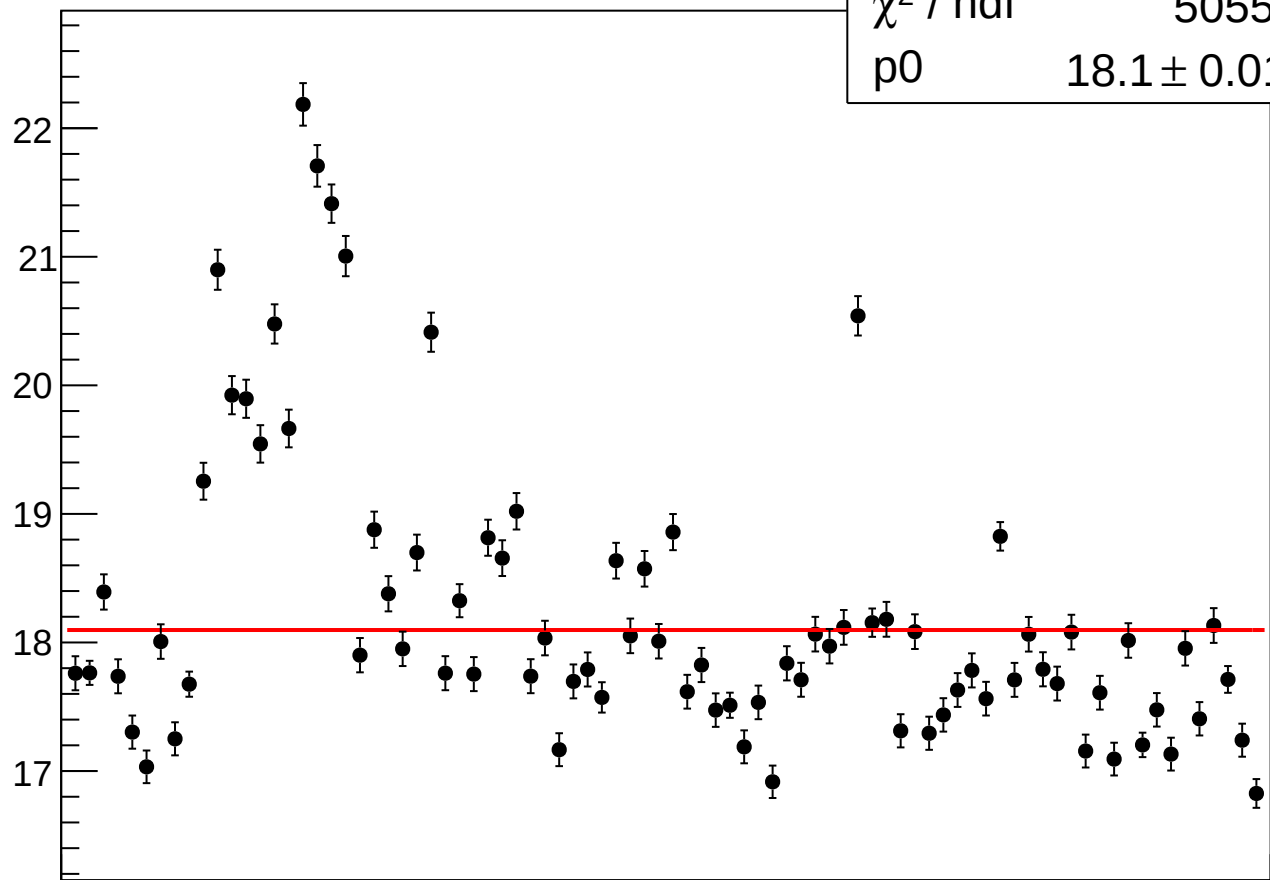


cor_asym_sam_1357_2468_dd_mean vs run



cor_asym_sam_1357_2468_dd_rms vs run

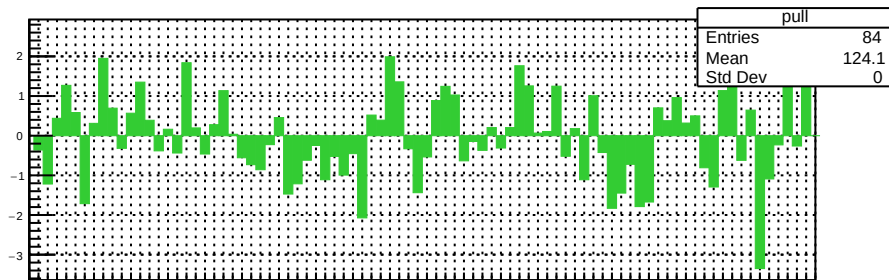
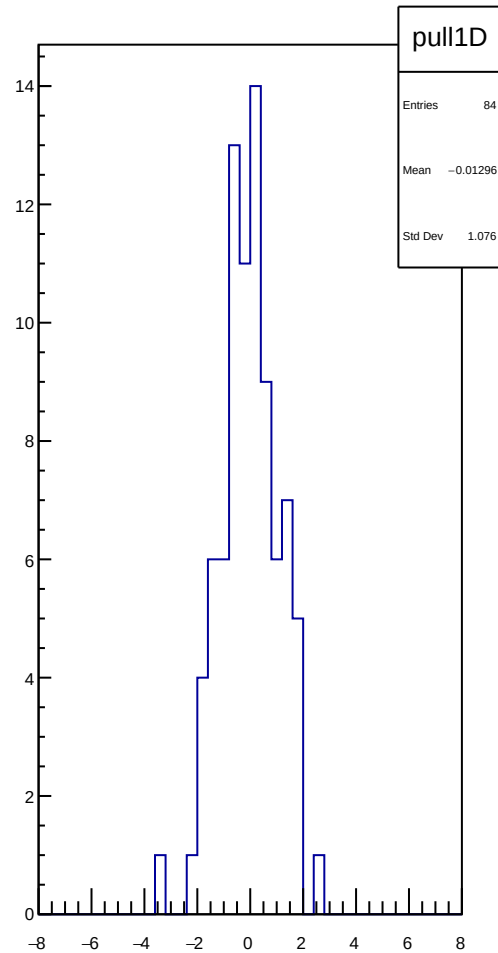
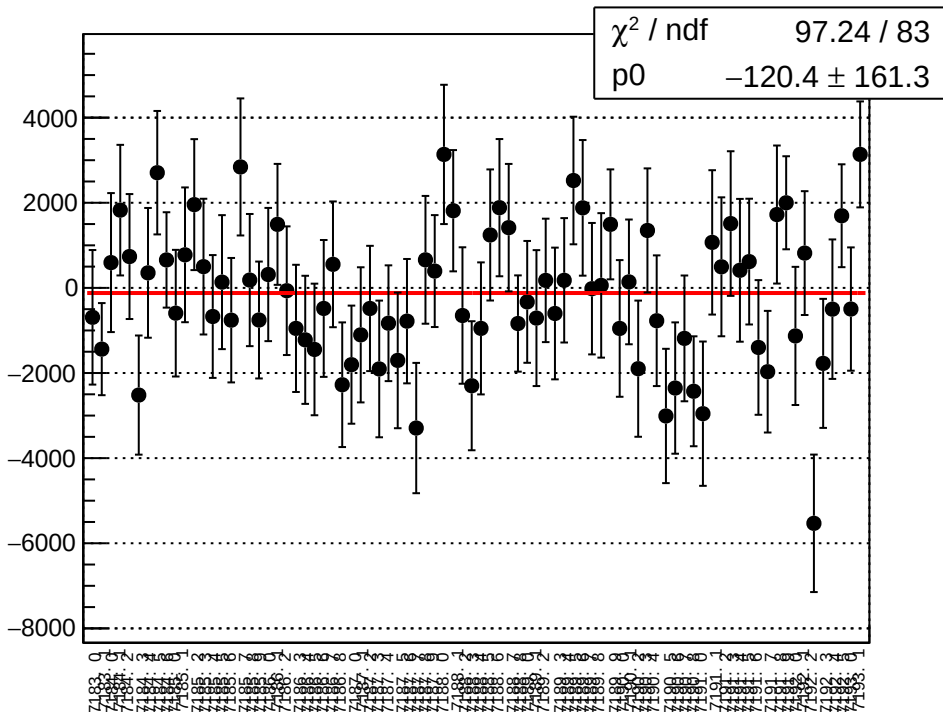
χ^2 / ndf 5055 / 83
p0 18.1 ± 0.01425



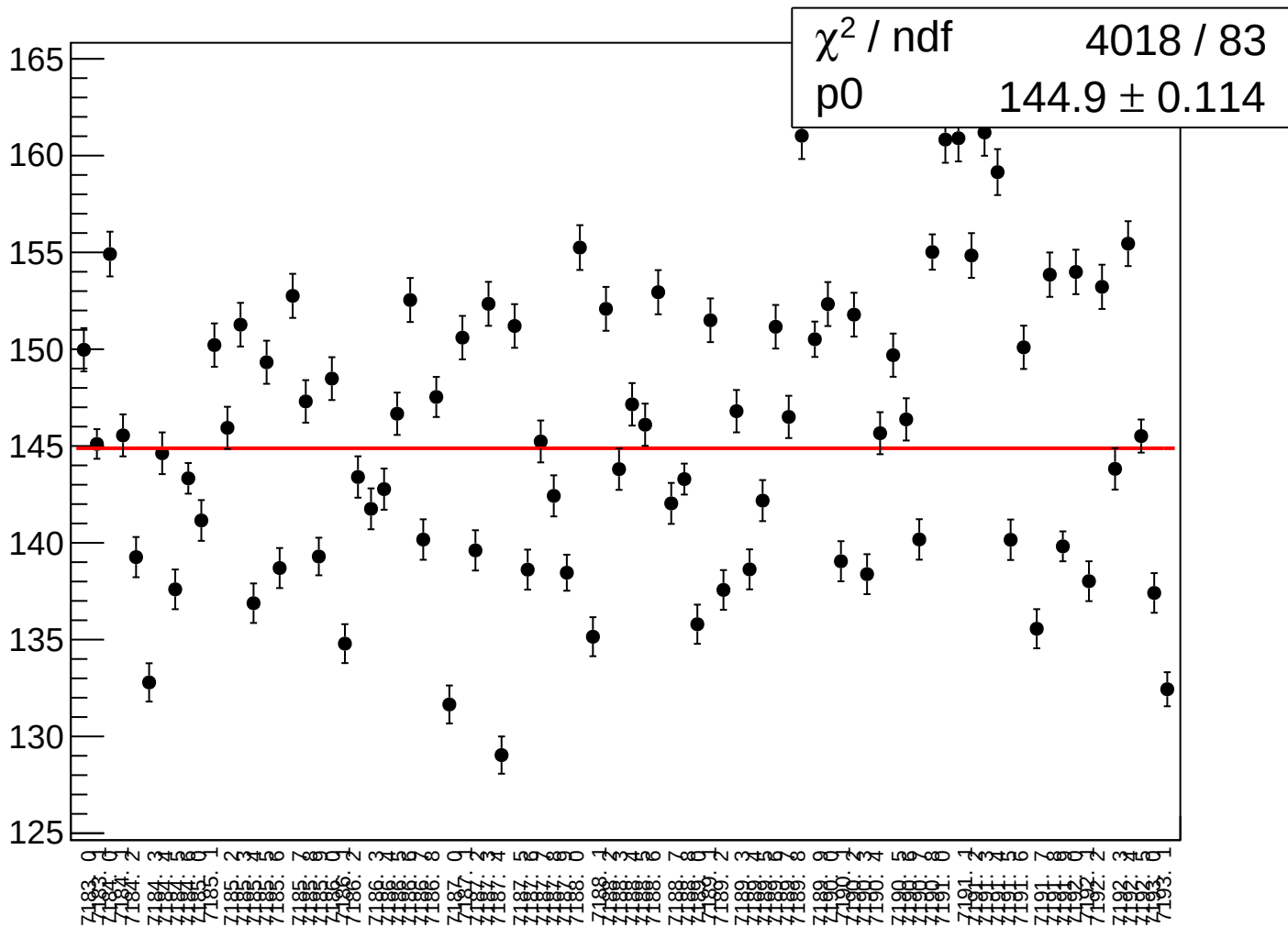
run

74183 74184 74185 74186 74187 74188 74189 74190 74191 74192 74193 74194 74195 74196 74197 74198 74199 74200 74201 74202 74203 74204 74205 74206 74207 74208 74209 74210 74211 74212 74213 74214 74215 74216 74217 74218 74219 74220 74221 74222 74223 74224 74225 74226 74227 74228 74229 74230 74231 74232 74233 74234 74235 74236 74237 74238 74239 74240 74241 74242 74243 74244 74245 74246 74247 74248 74249 74250 74251 74252 74253 74254 74255 74256 74257

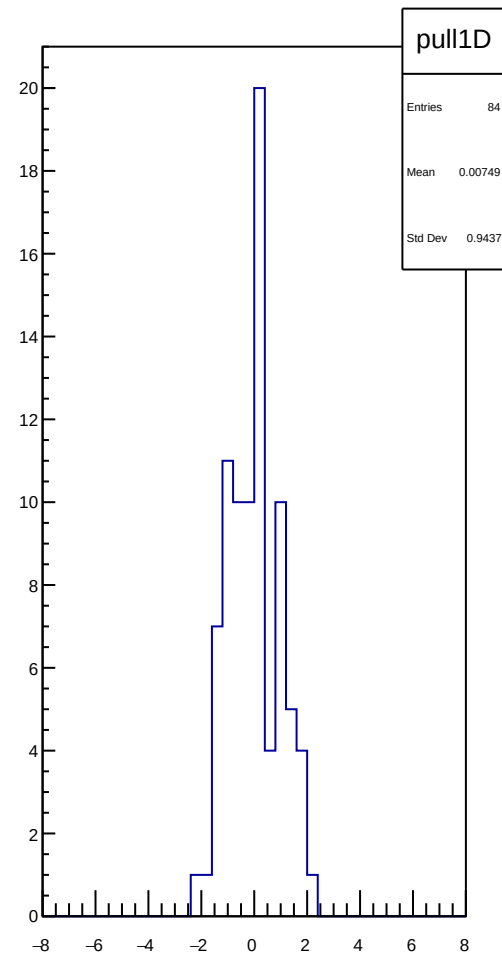
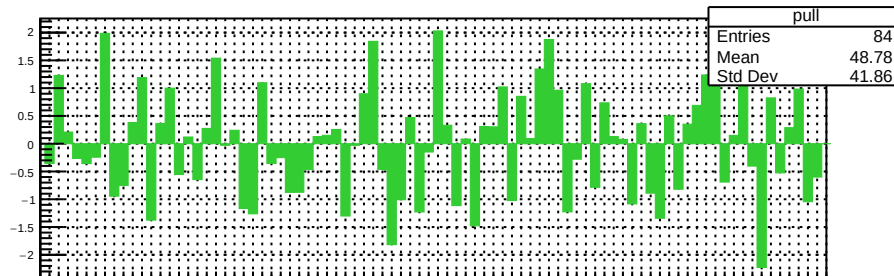
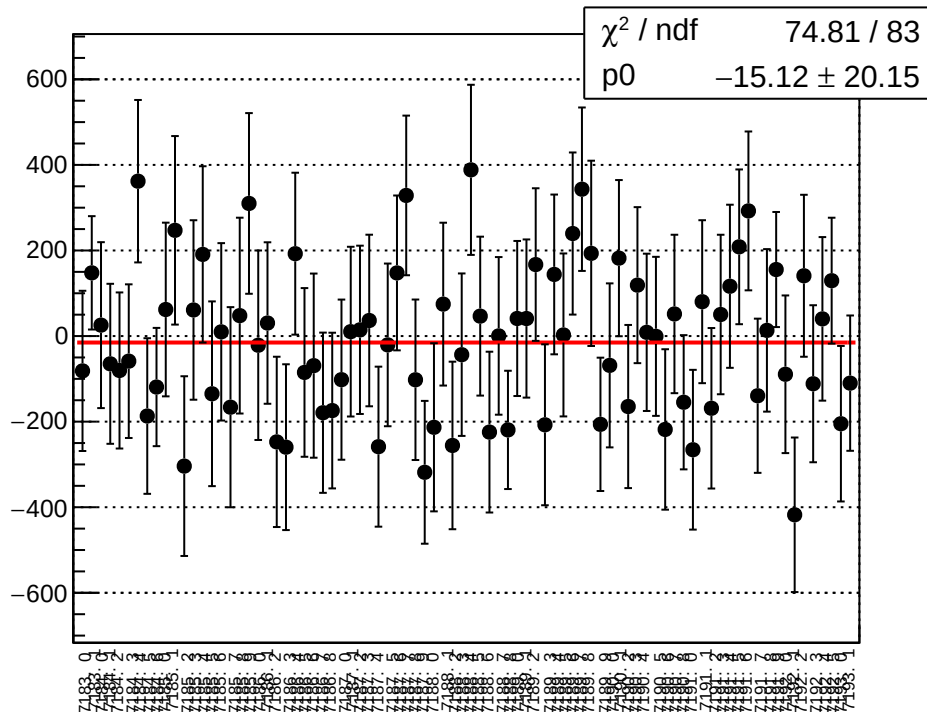
asym_sam_1357_2468_dd_cor_correction_mean vs run



asym_sam_1357_2468_dd_cor_correction_rms vs run



eigen_cor_asym_sam_1357_2468_dd_mean vs run

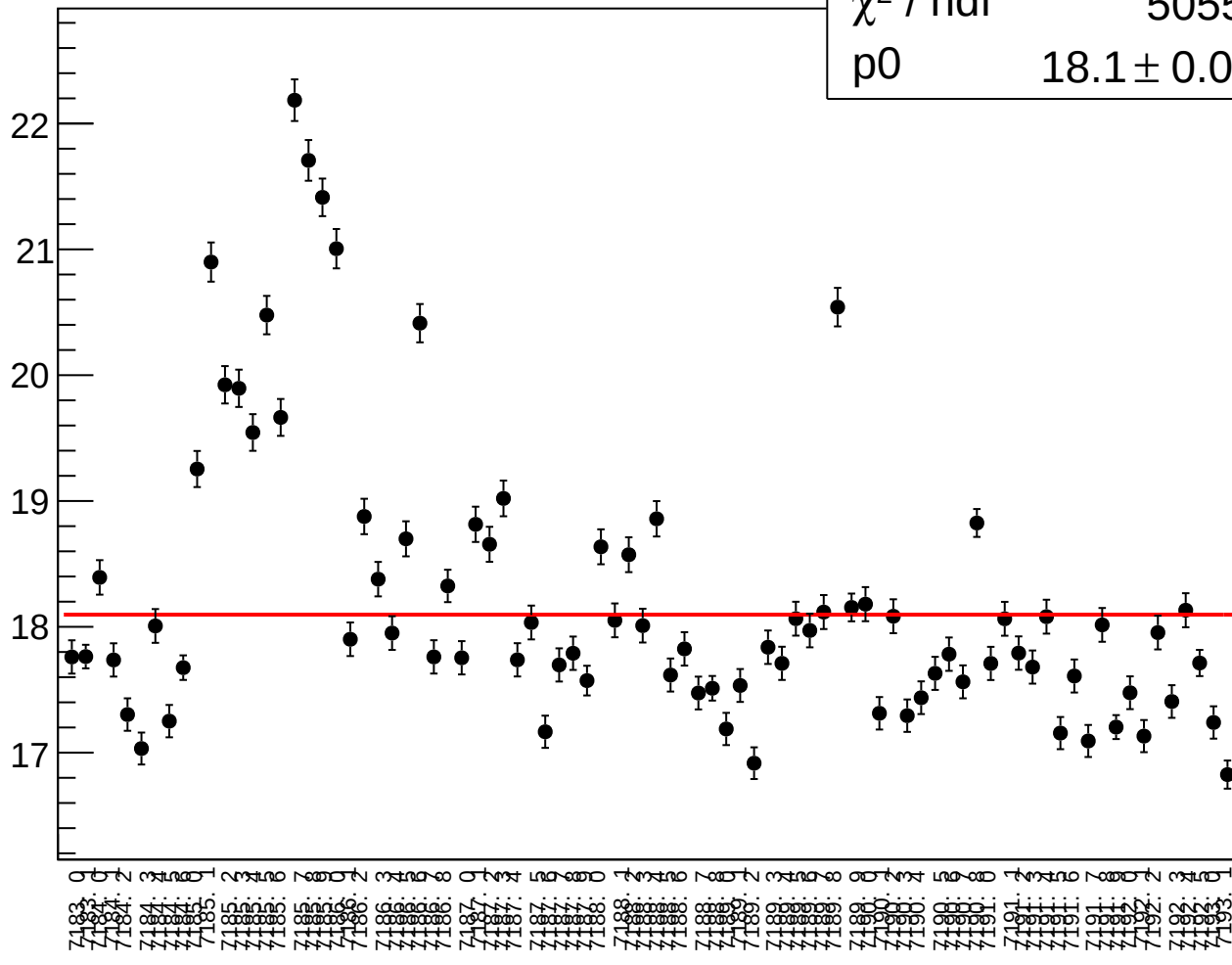


eigen_cor_asym_sam_1357_2468_dd_rms vs run

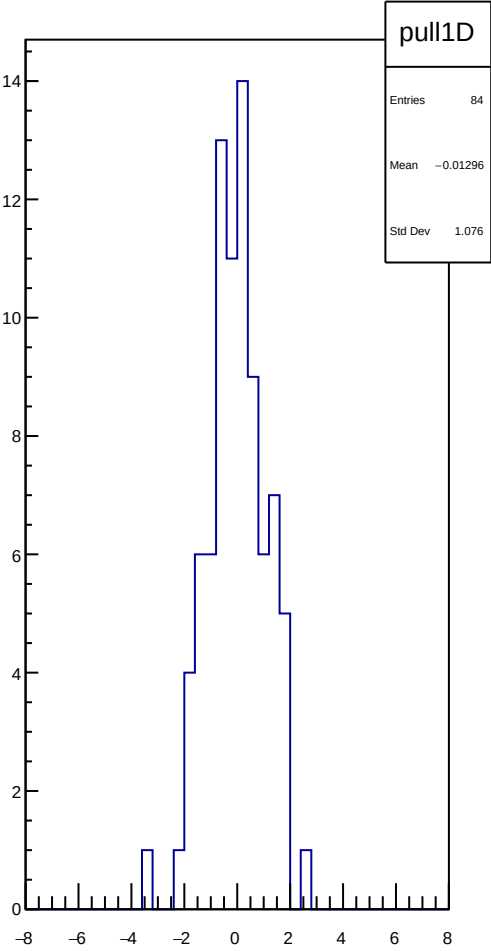
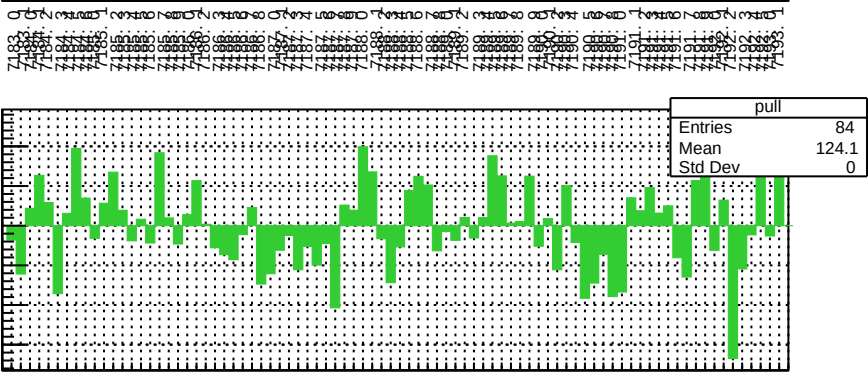
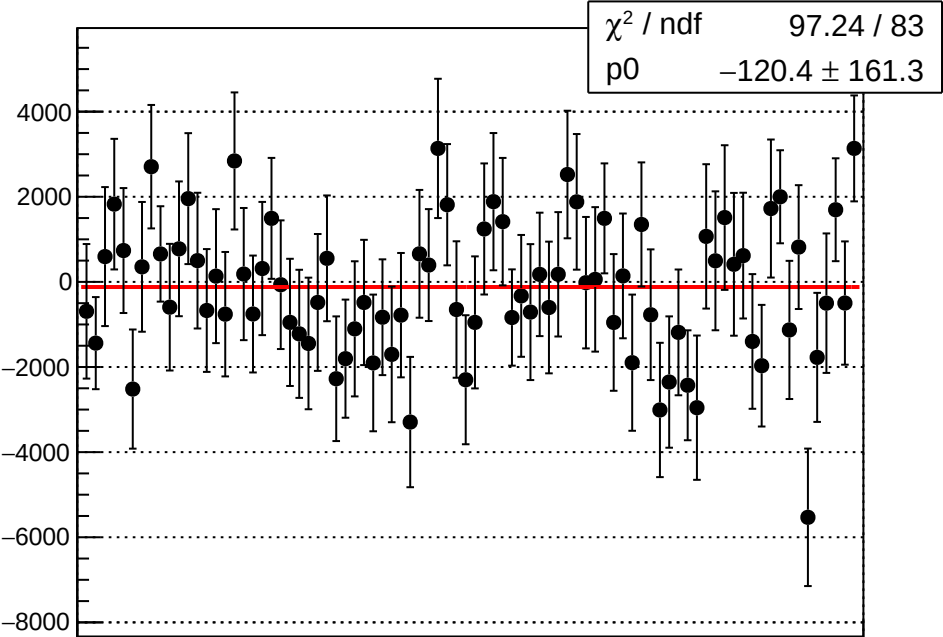
 χ^2 / ndf

5055 / 83

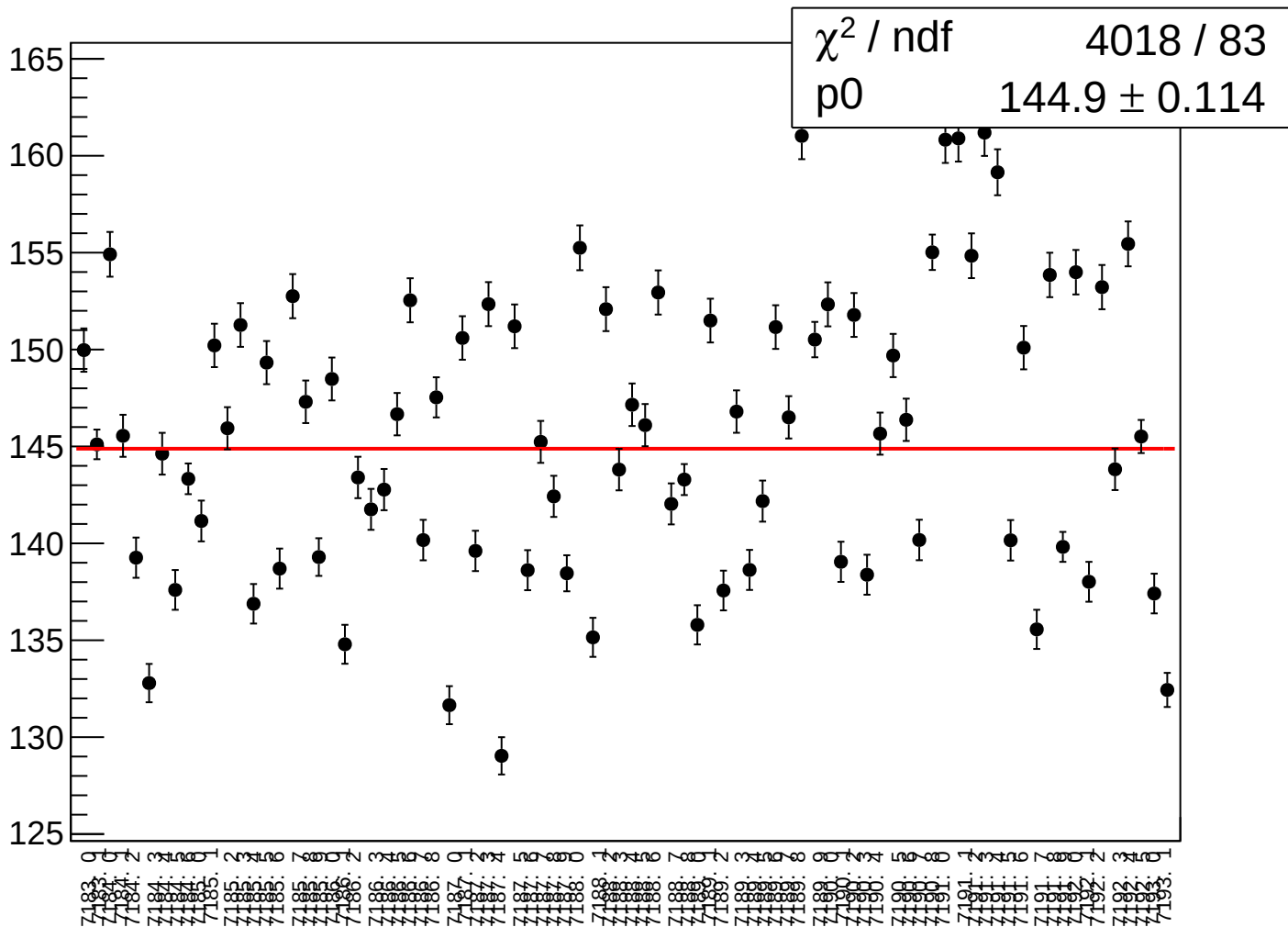
p0

 18.1 ± 0.01425 

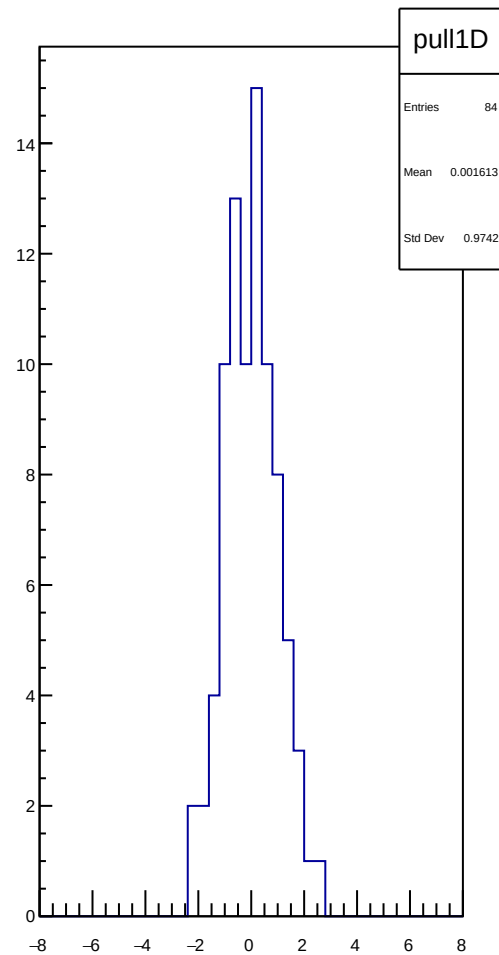
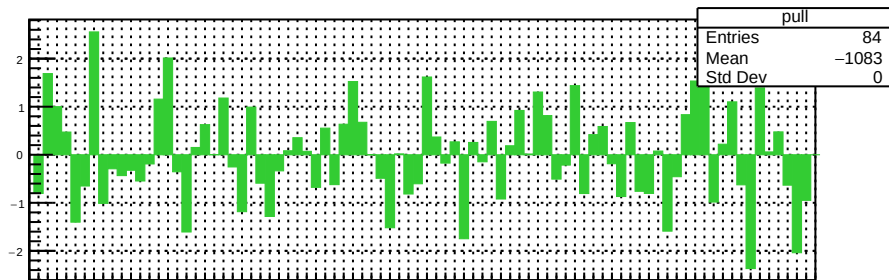
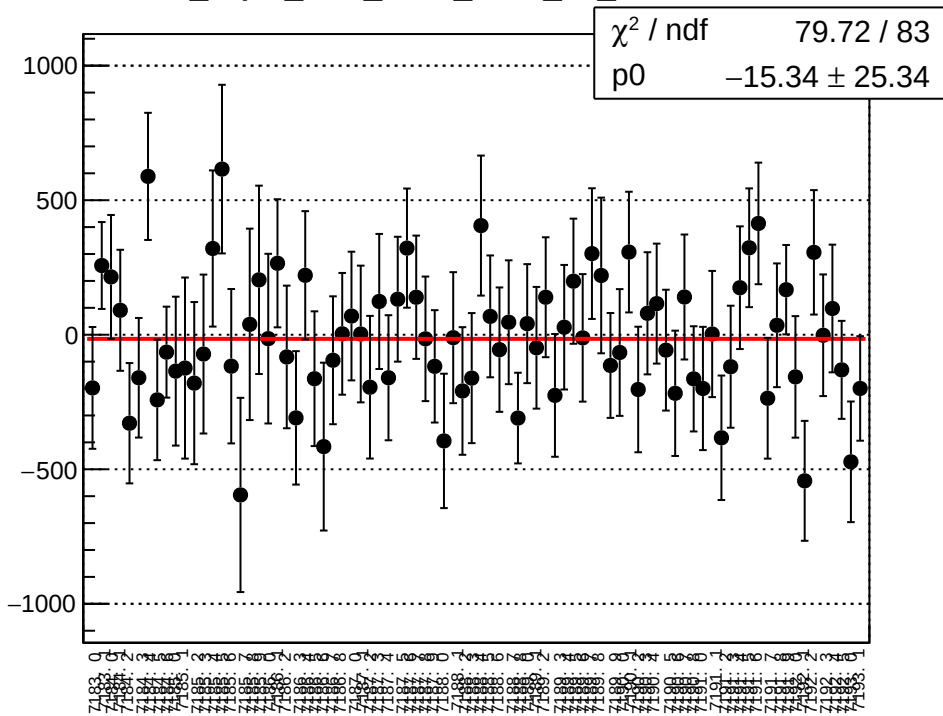
asym_sam_1357_2468_dd_eigen_cor_correction_mean vs run



asym_sam_1357_2468_dd_eigen_cor_correction_rms vs run

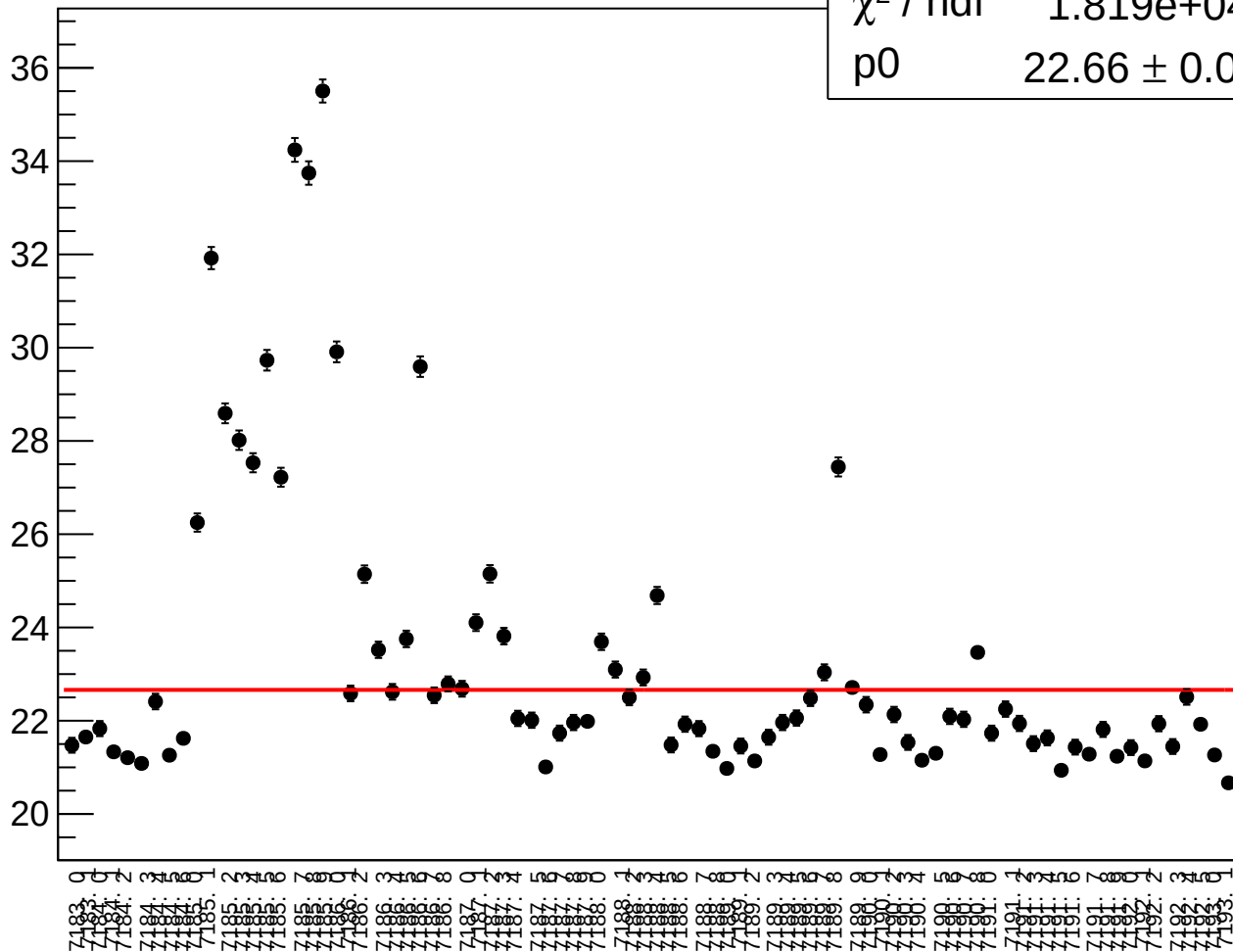


dit_asym_sam_1357_2468_dd_mean vs run

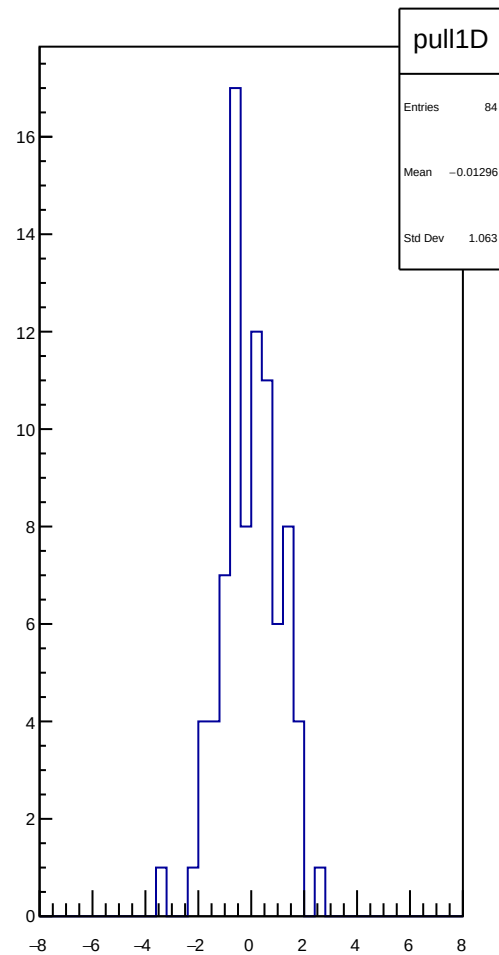
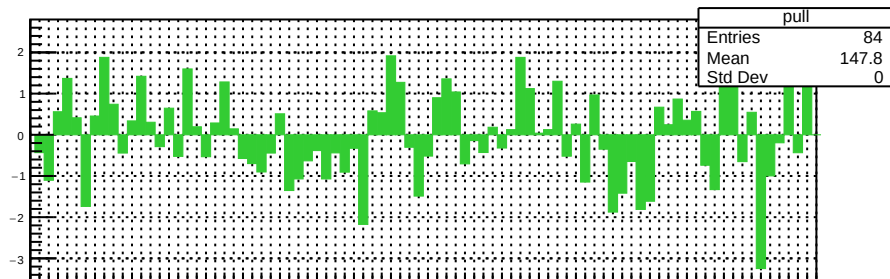
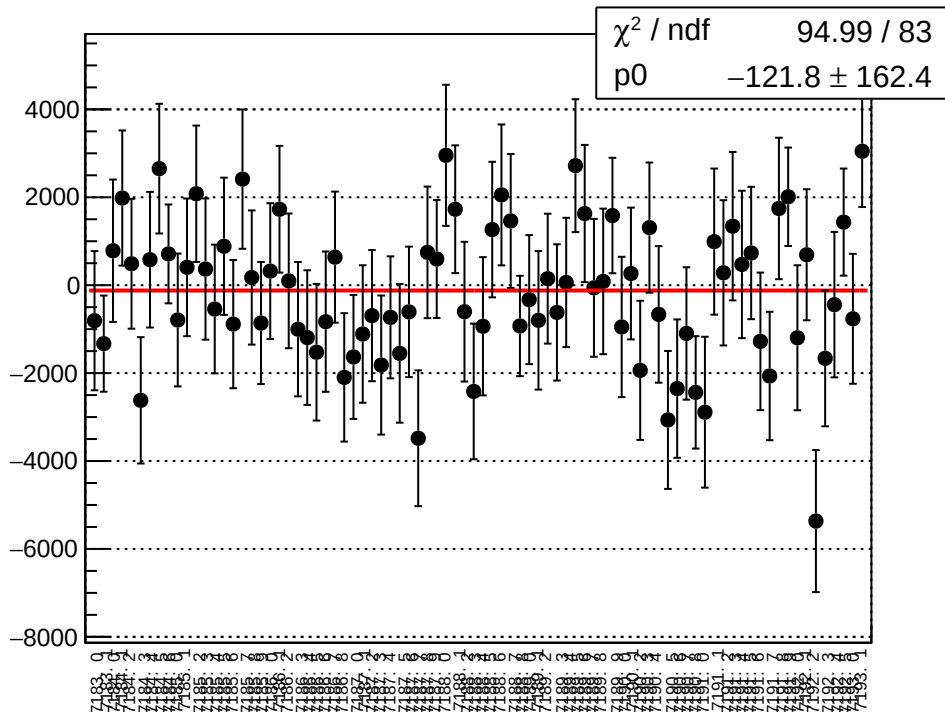


dit_asym_sam_1357_2468_dd_rms vs run

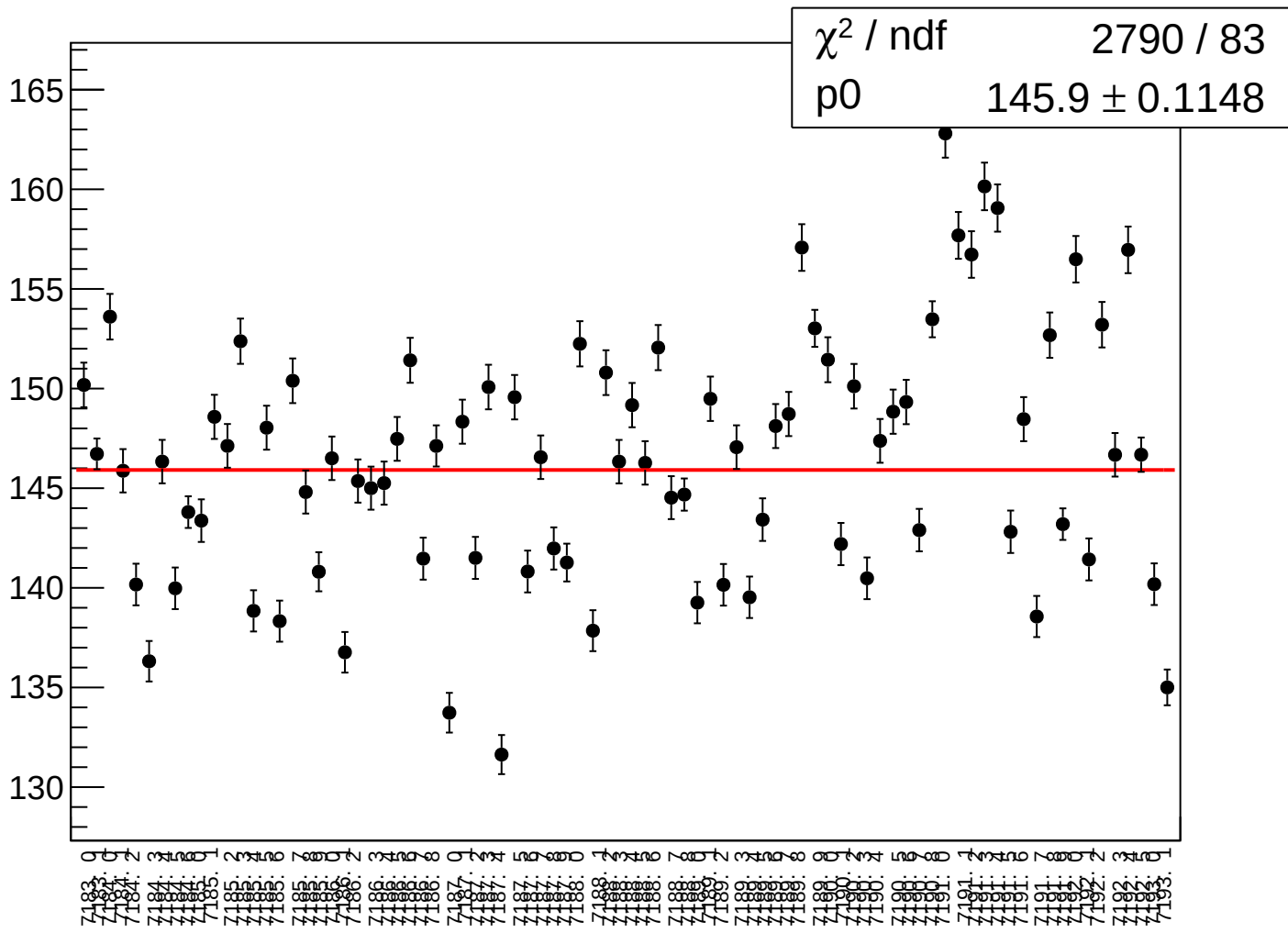
χ^2 / ndf 1.819e+04 / 83
p0 22.66 $\pm$ 0.01792



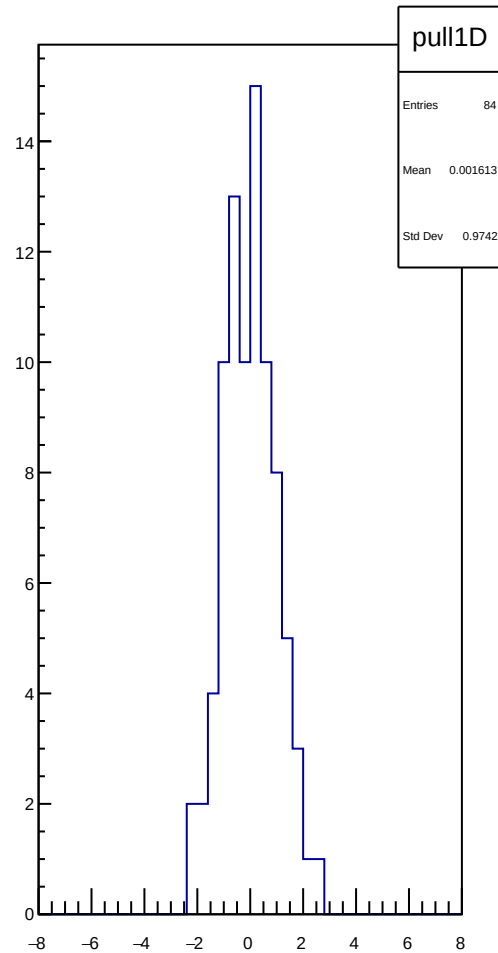
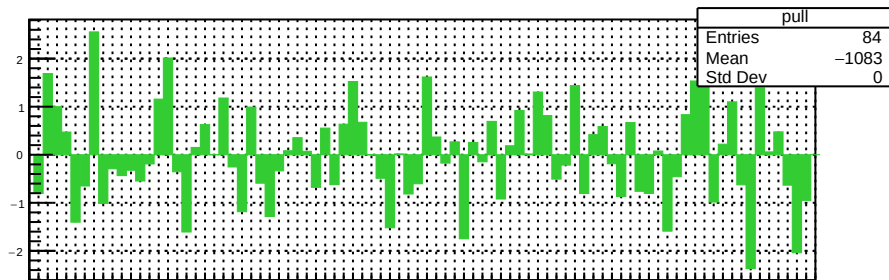
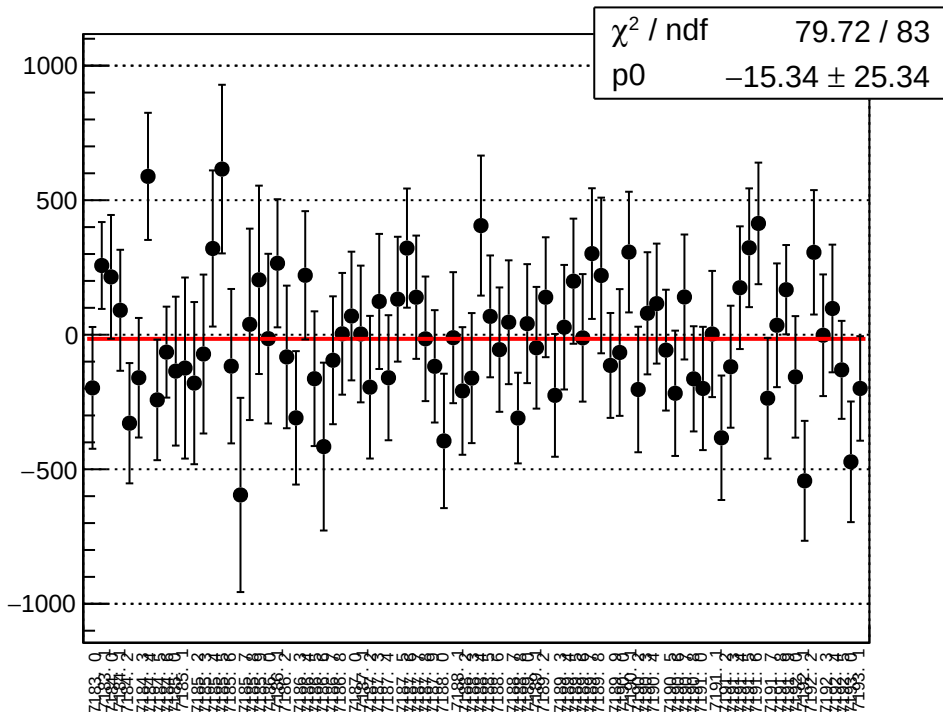
asym_sam_1357_2468_dd_dit_correction_mean vs run



asym_sam_1357_2468_dd_dit_correction_rms vs run

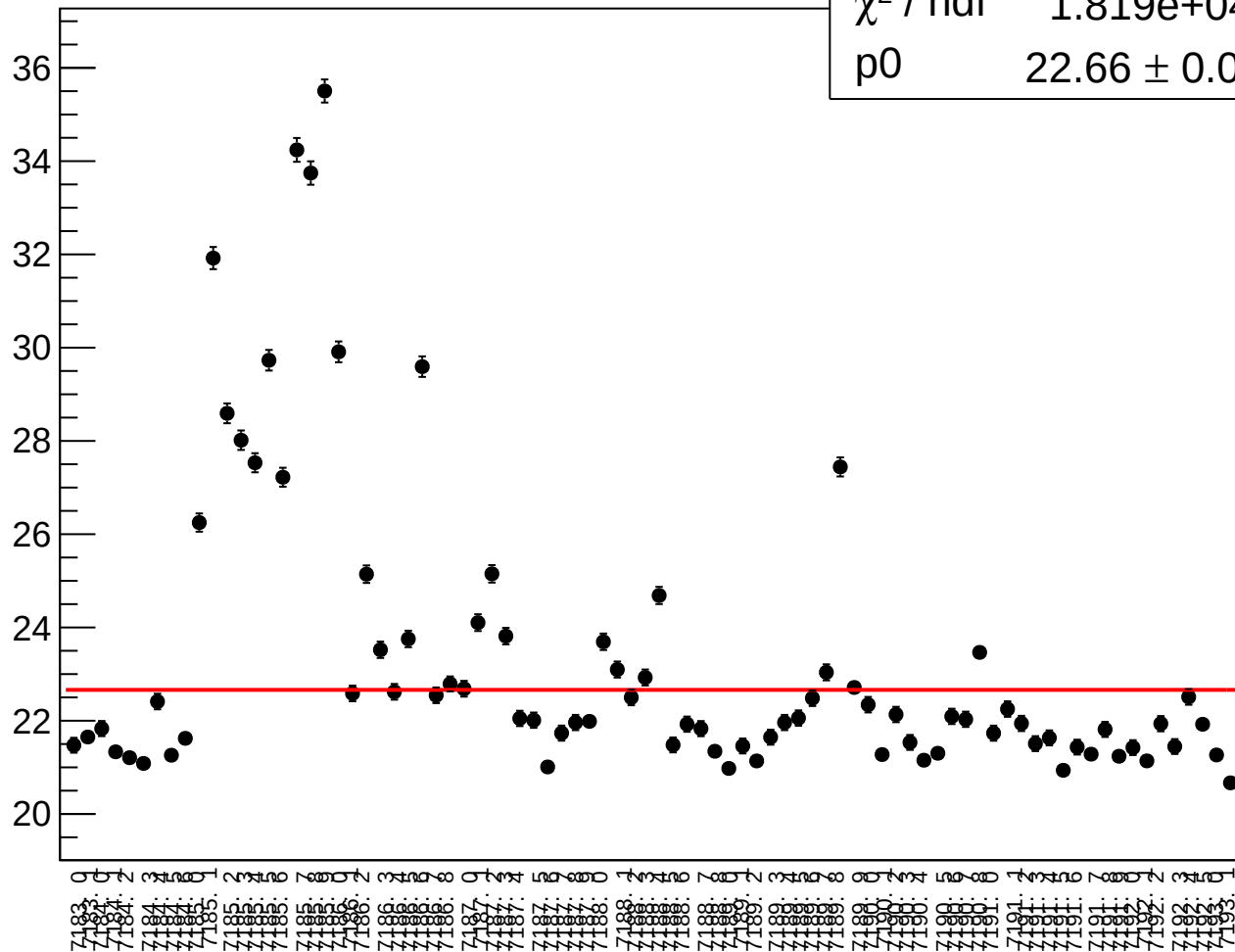


eigen_dit_asym_sam_1357_2468_dd_mean vs run

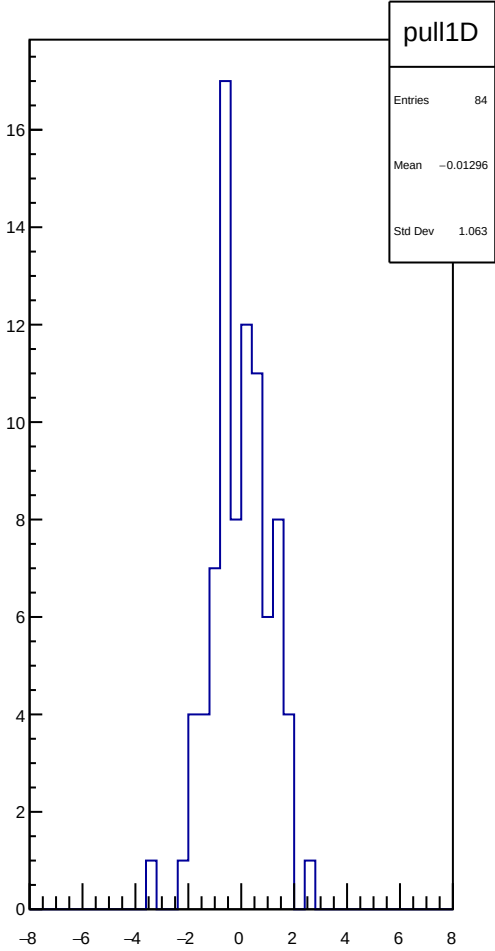
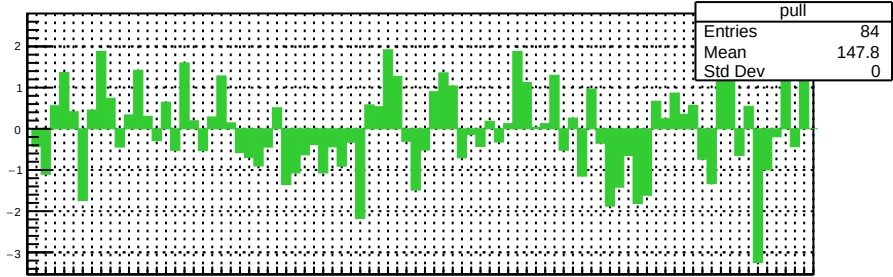
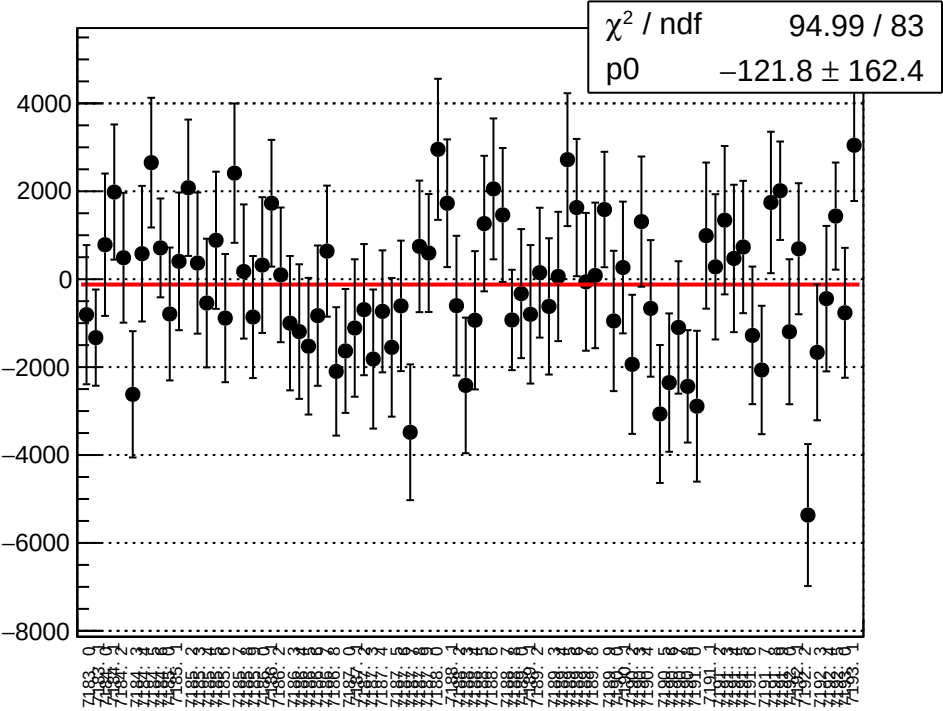


eigen_dit_asym_sam_1357_2468_dd_rms vs run

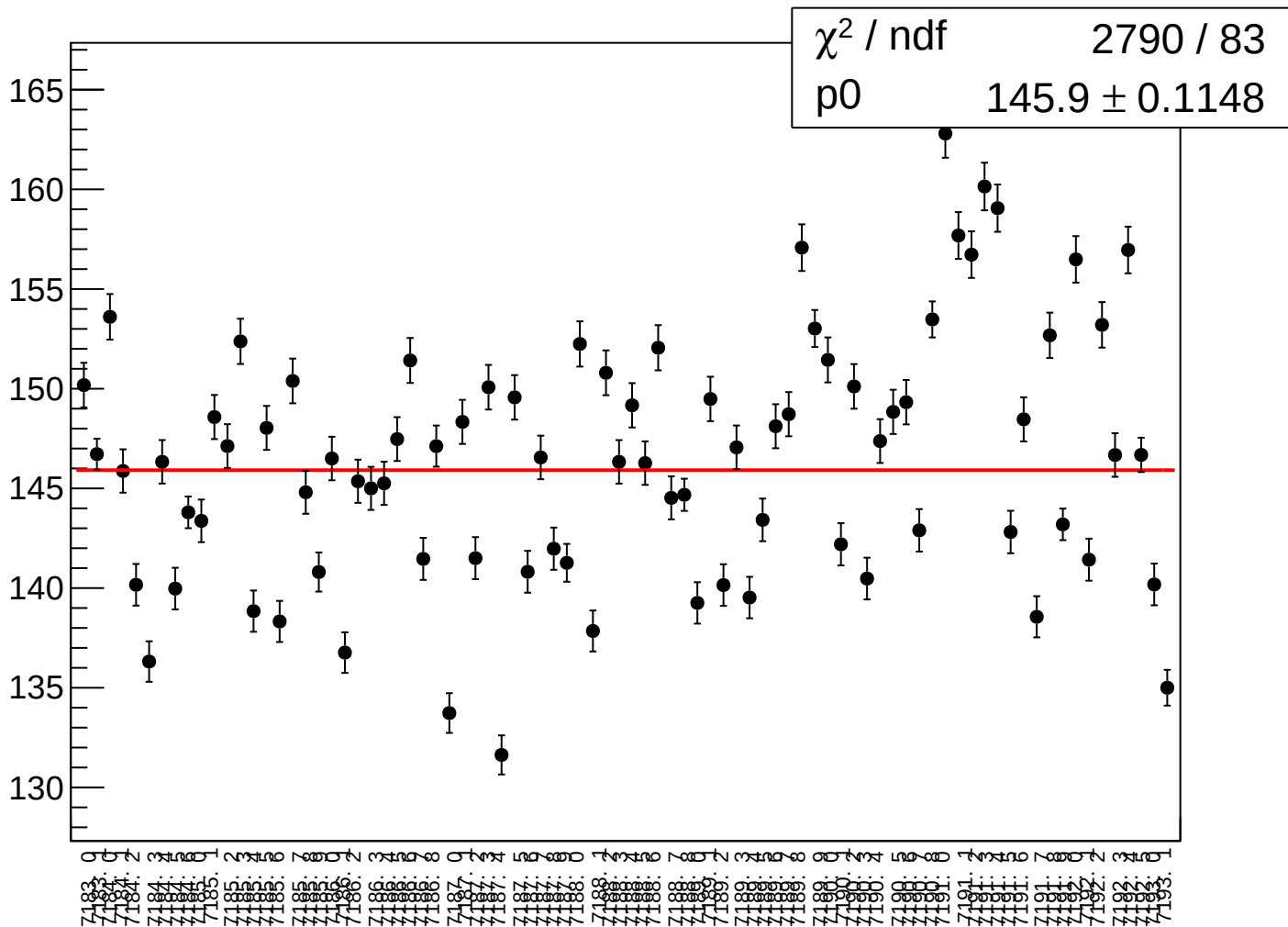
χ^2 / ndf 1.819e+04 / 83
p0 22.66 $\pm$ 0.01792



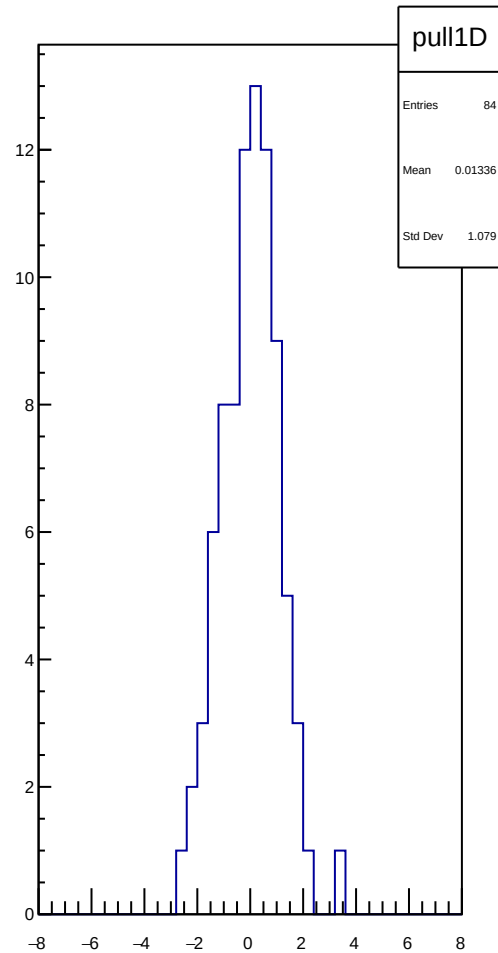
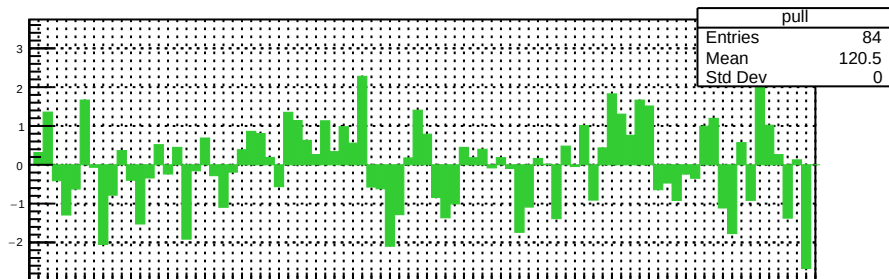
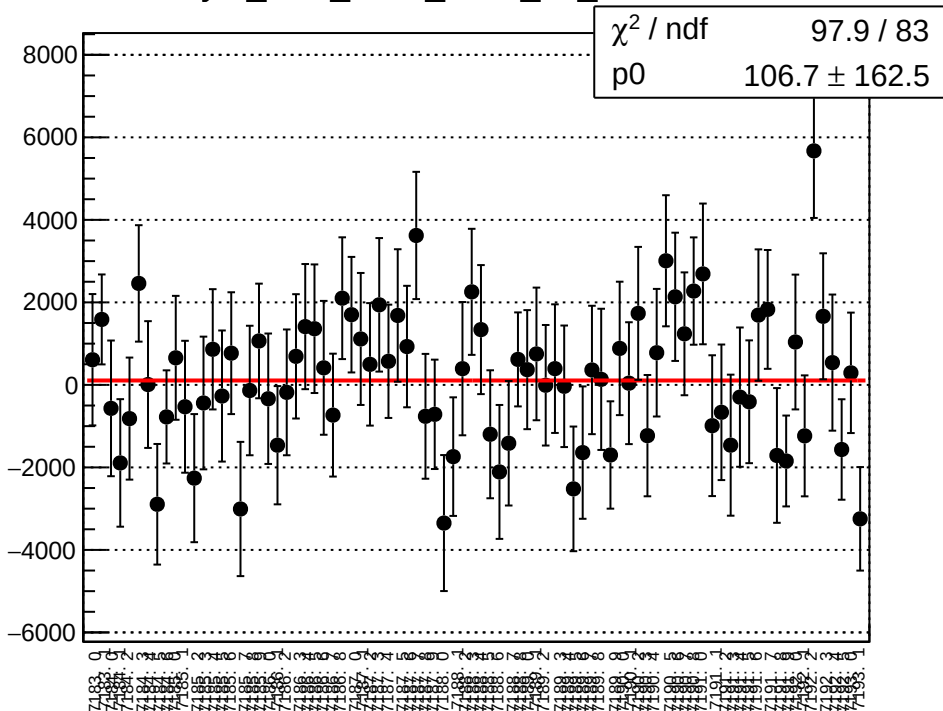
asym_sam_1357_2468_dd_eigen_dit_correction_mean vs un



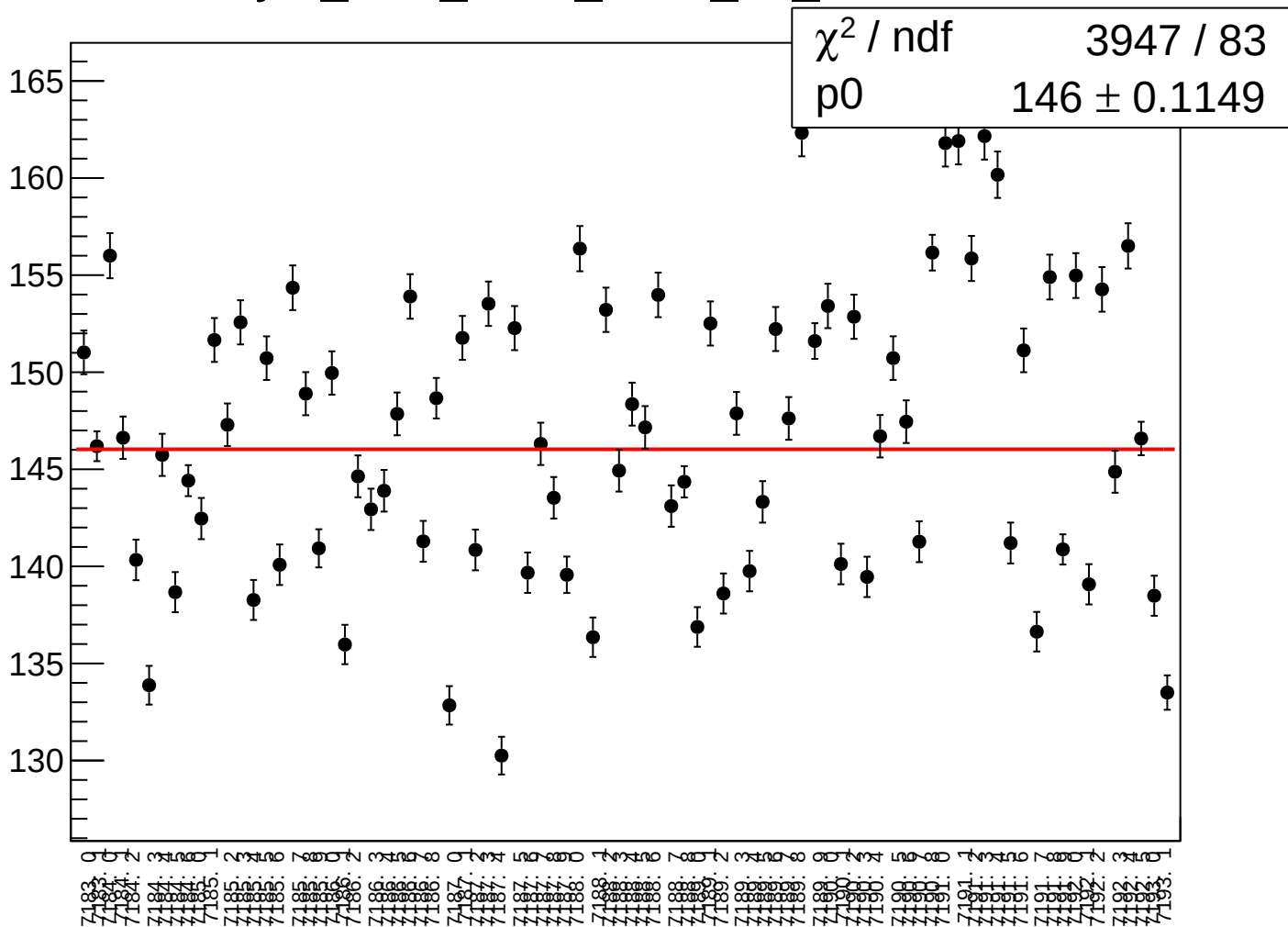
asym_sam_1357_2468_dd_eigen_dit_correction_rms vs run



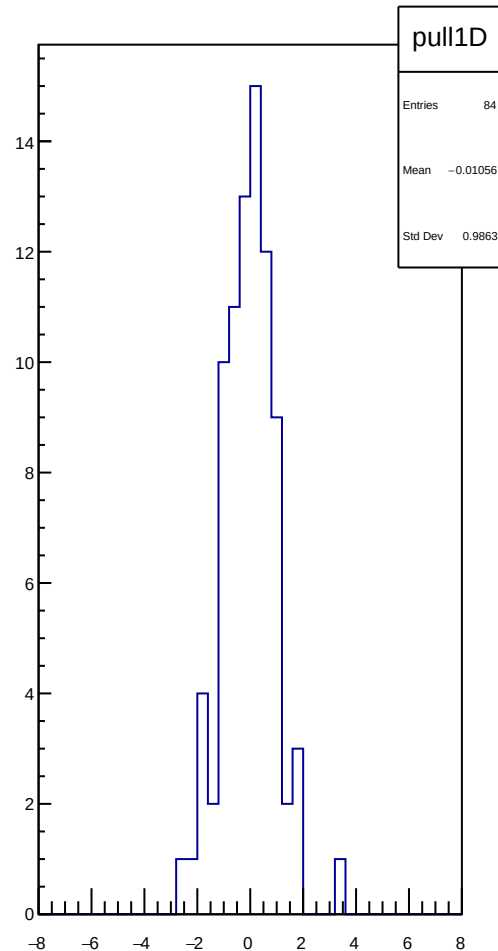
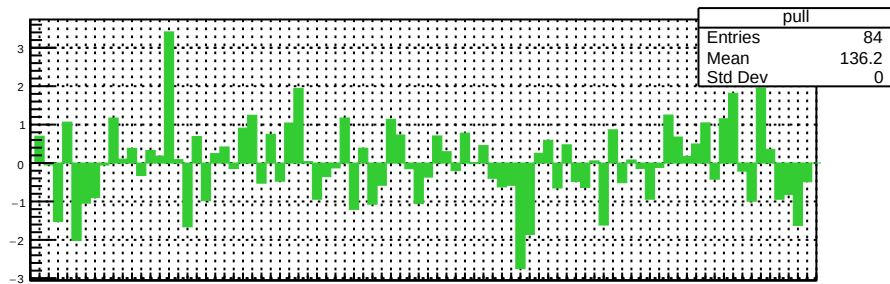
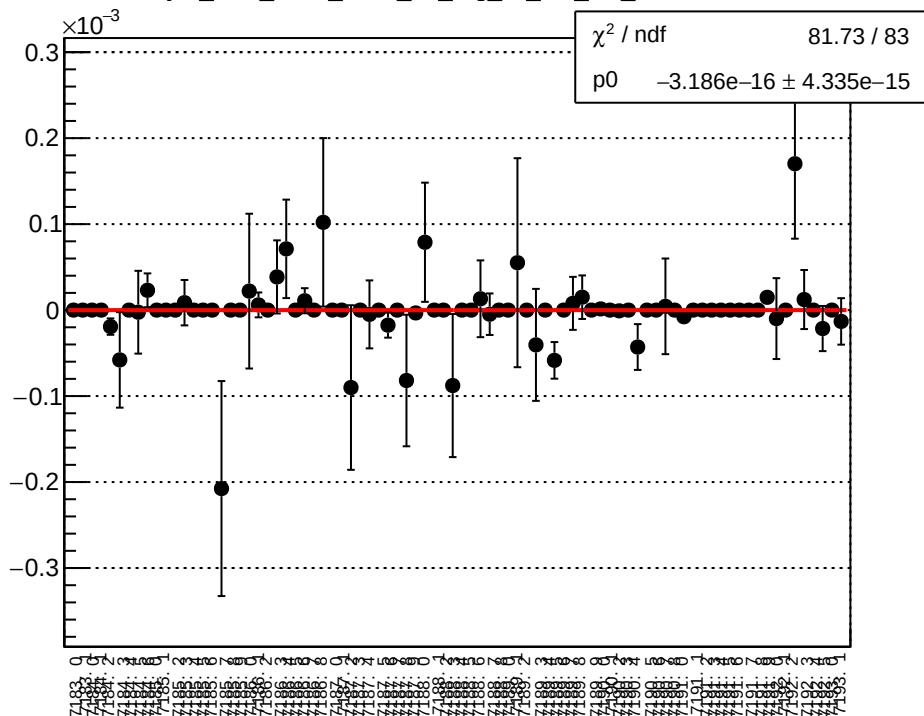
asym_sam_1357_2468_dd_mean vs run



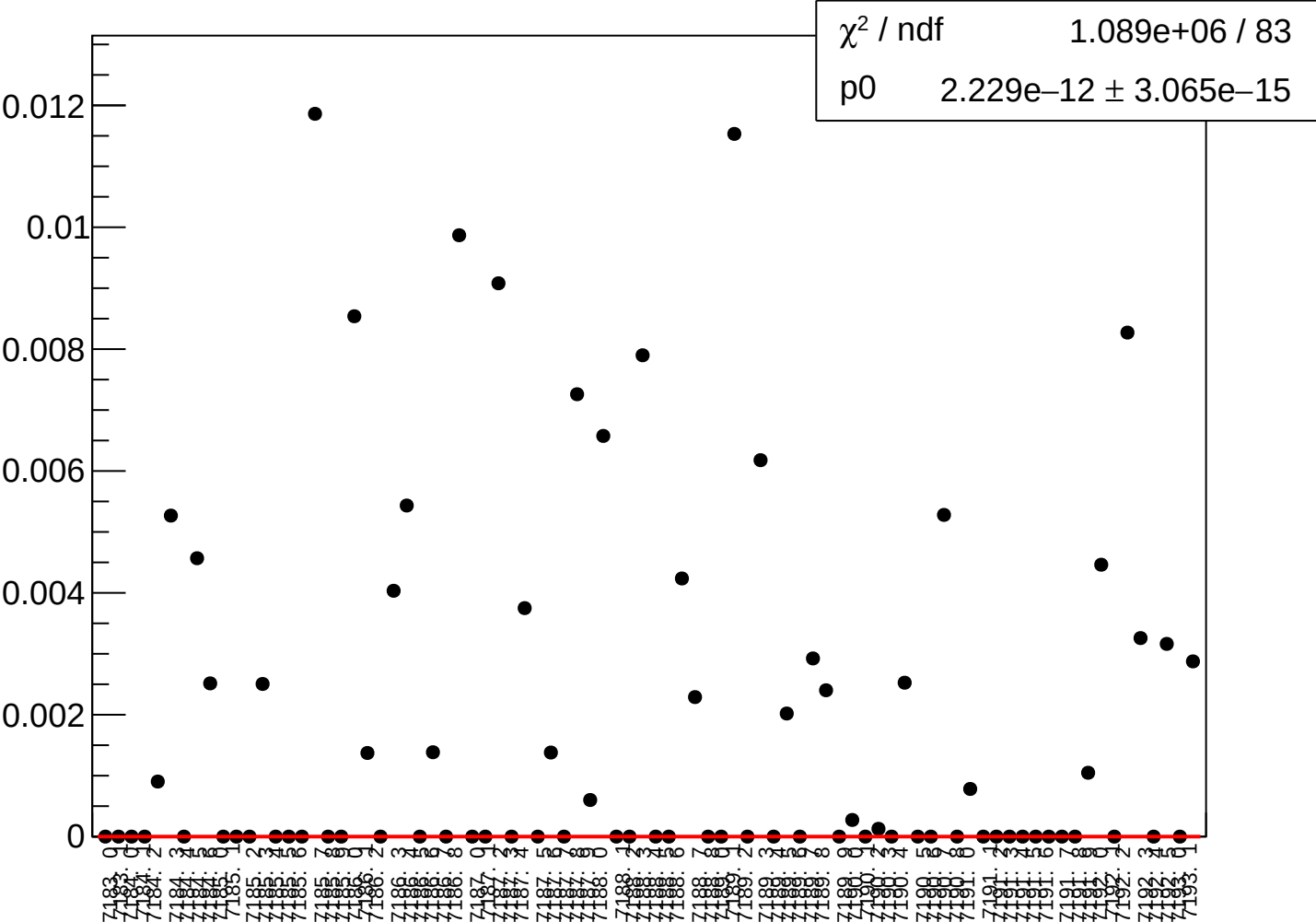
asym_sam_1357_2468_dd_rms vs run



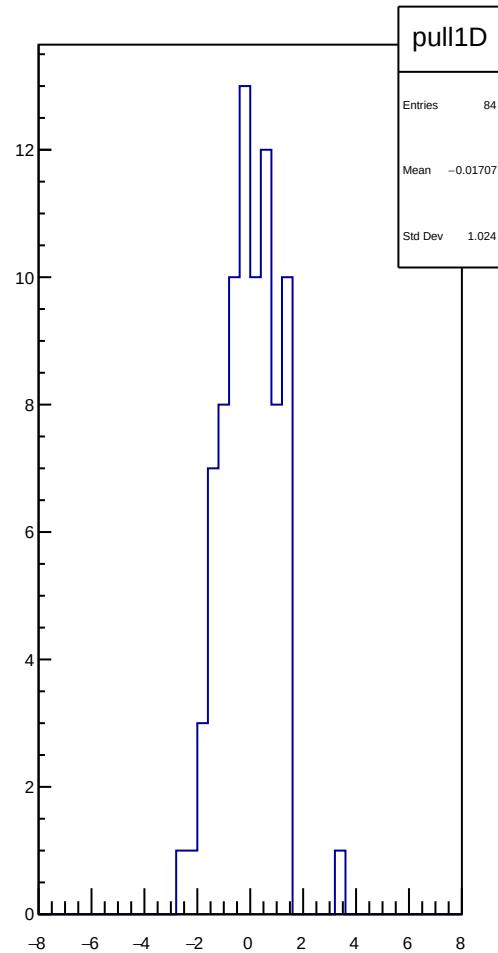
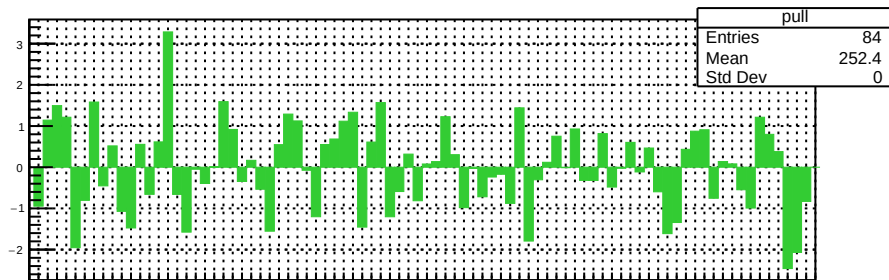
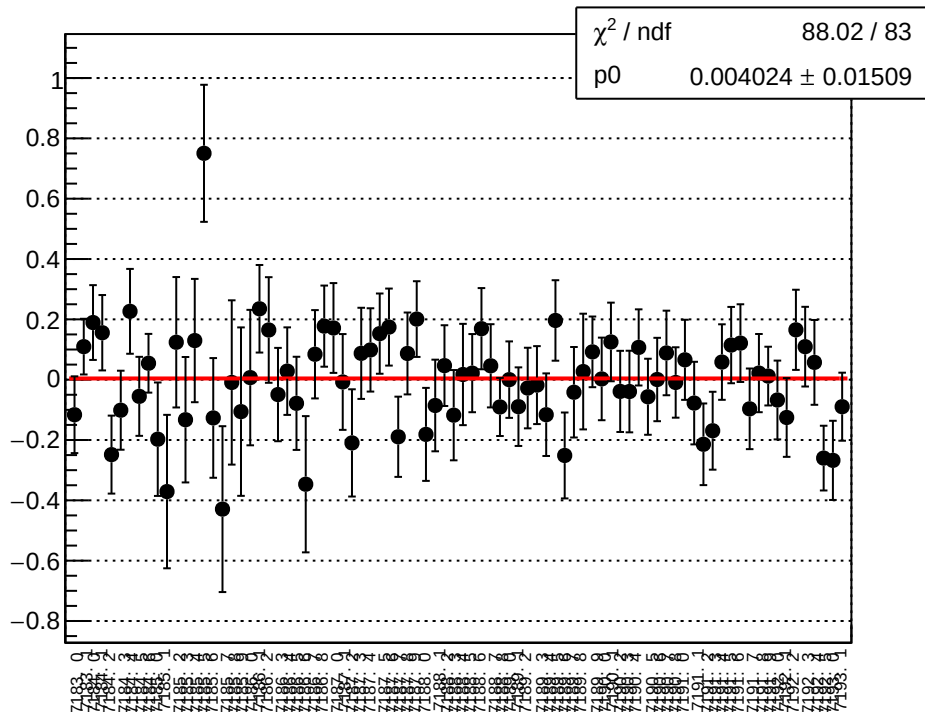
asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs run



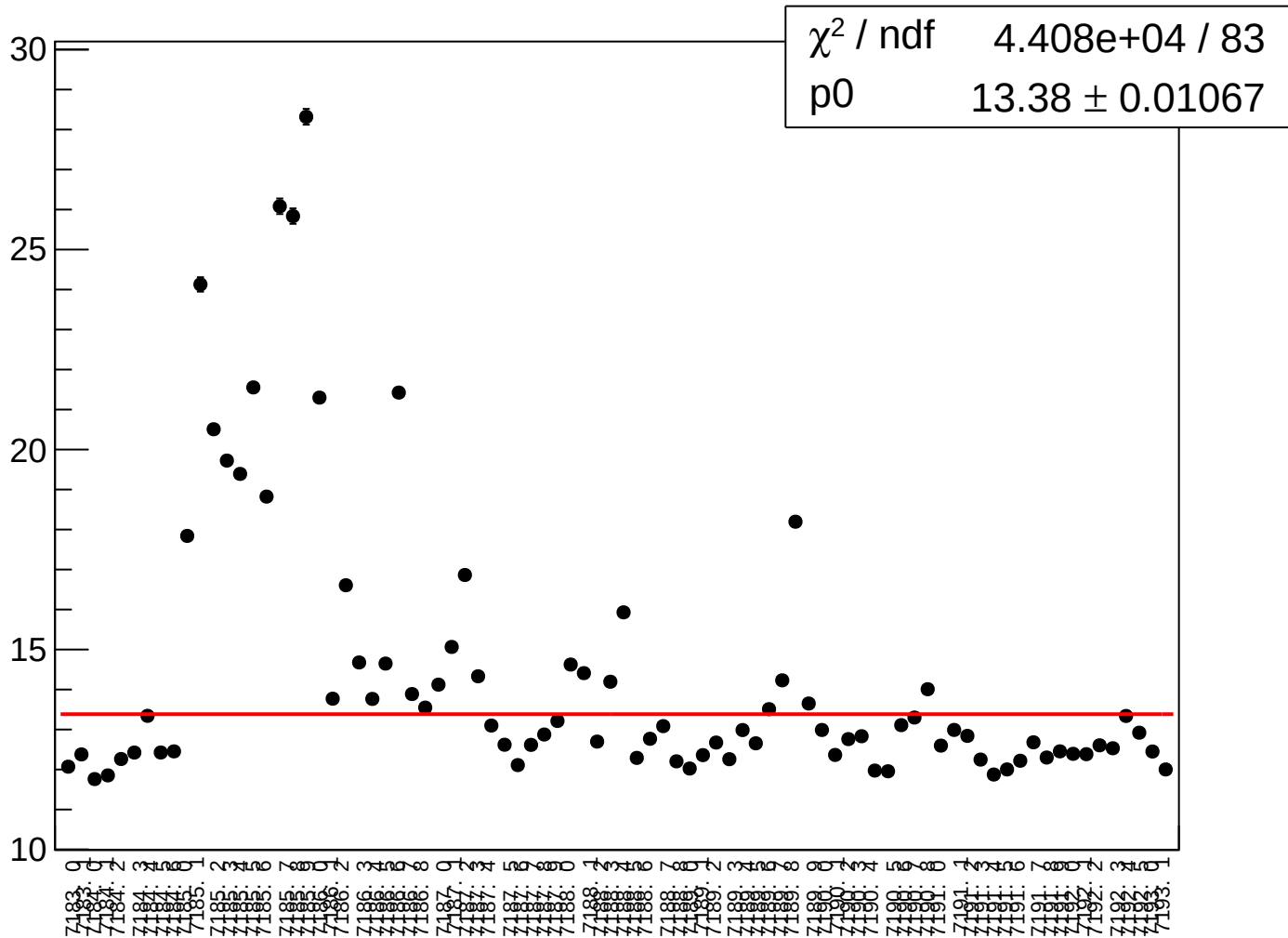
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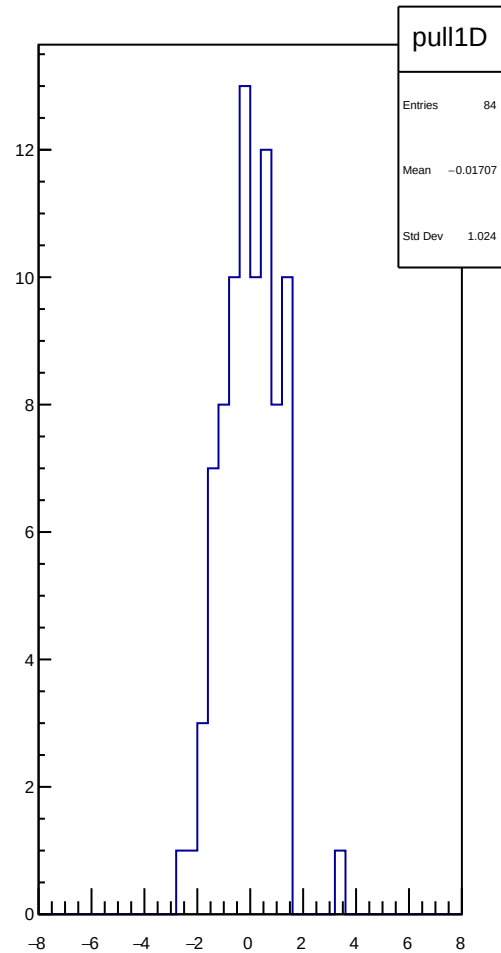
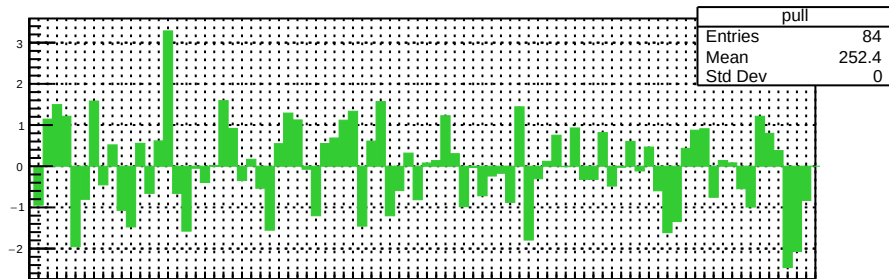
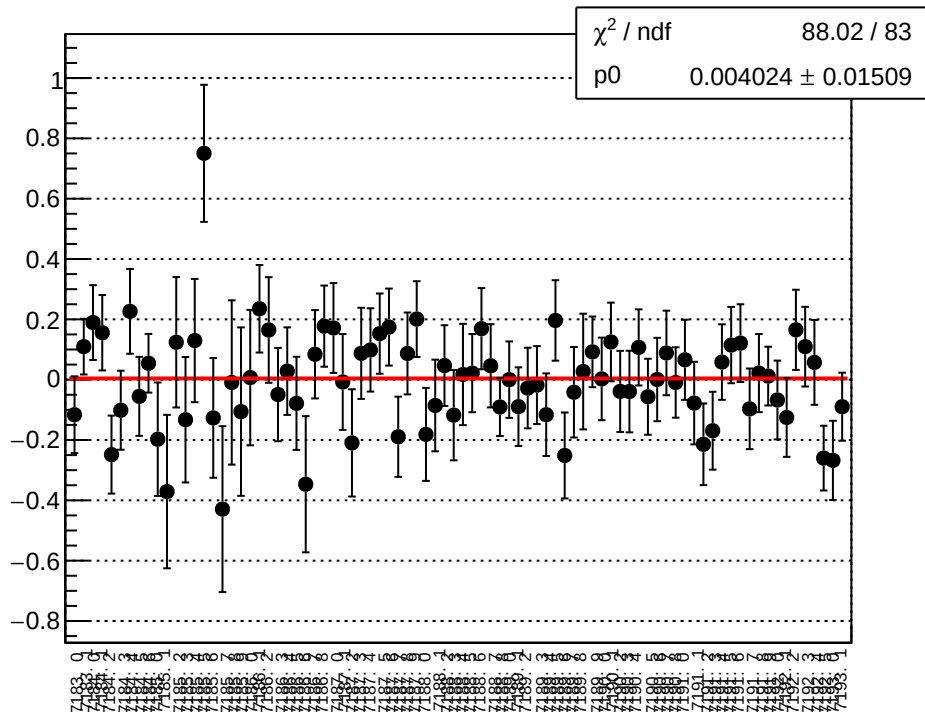
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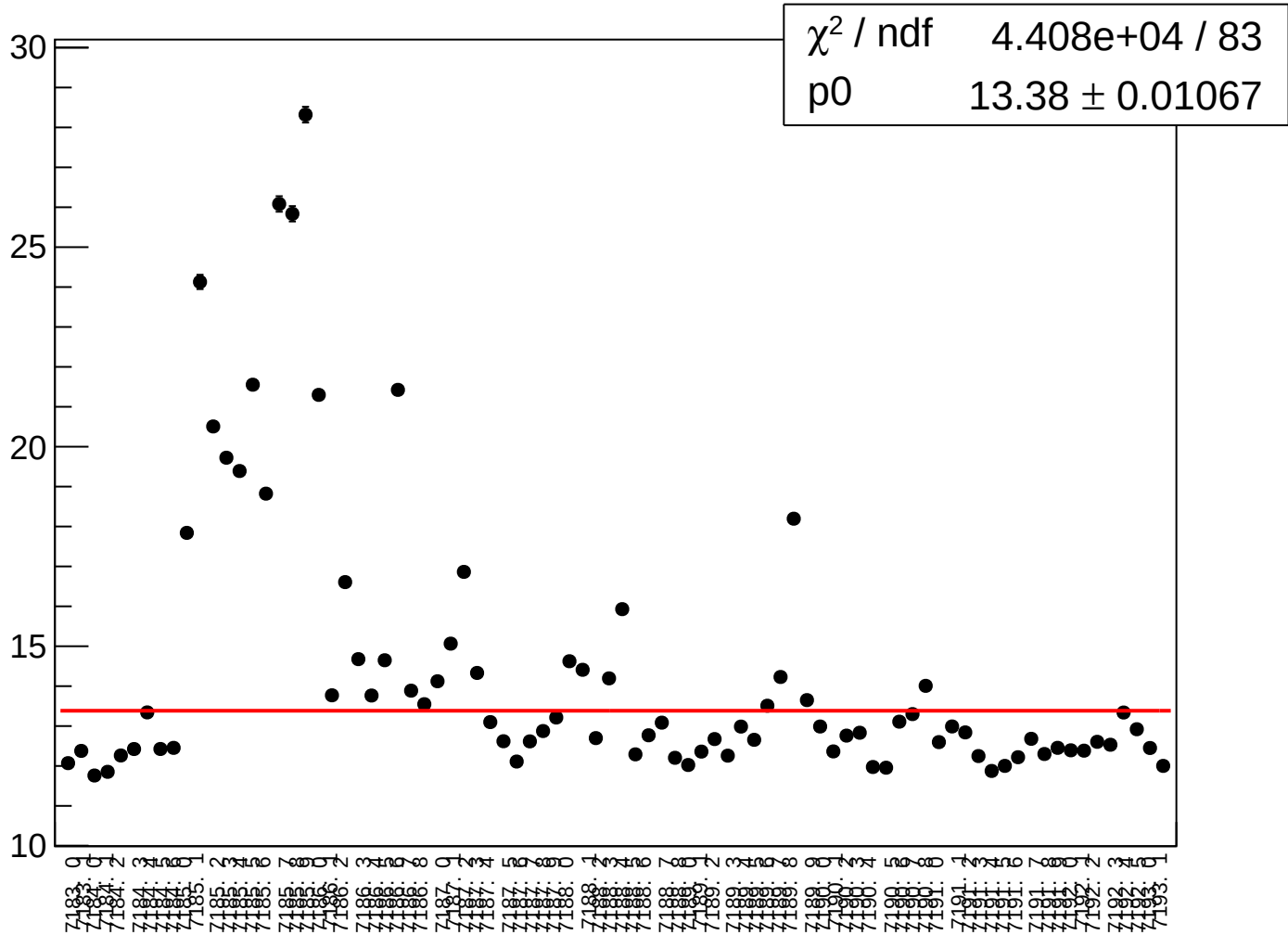
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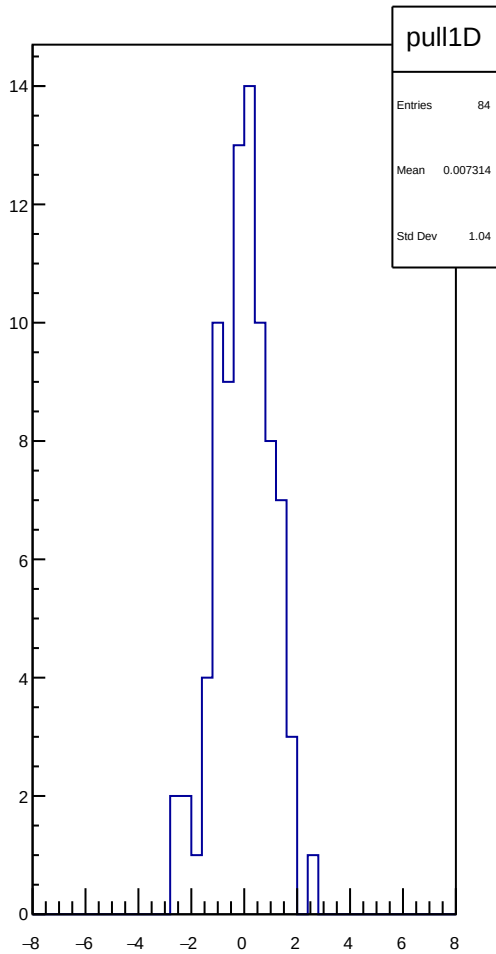
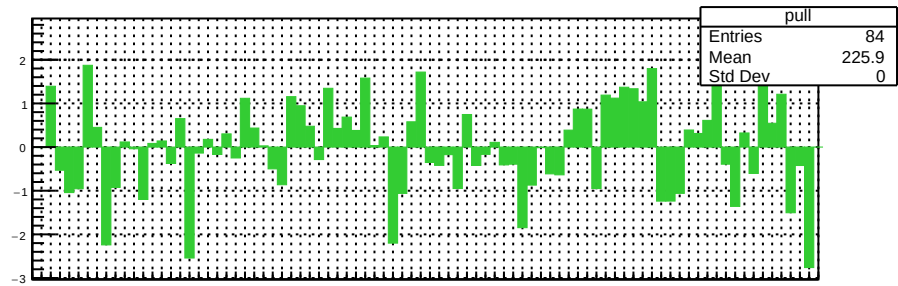
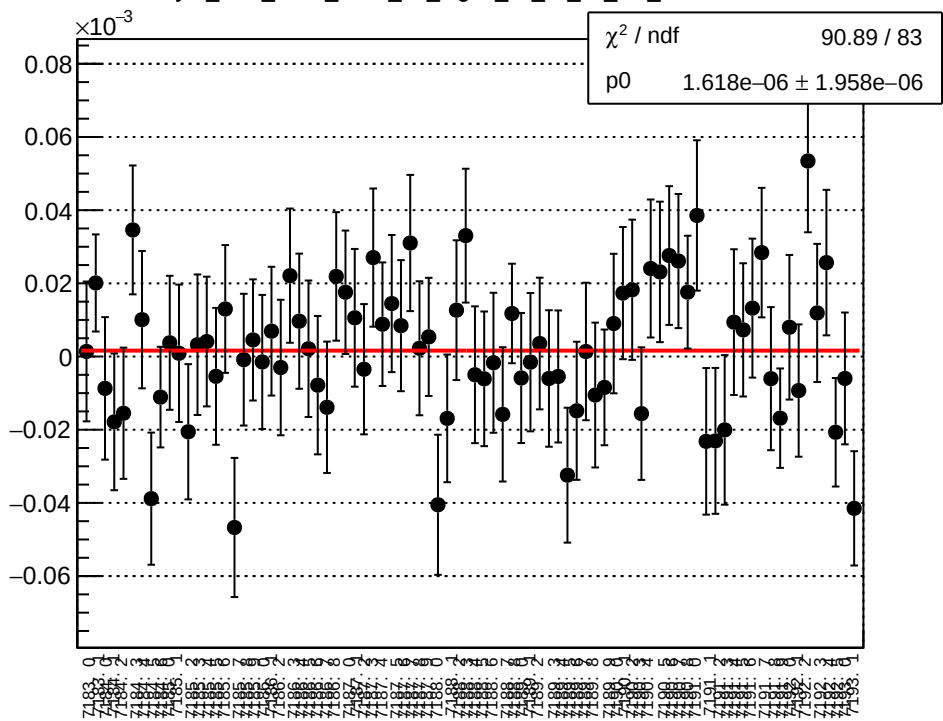
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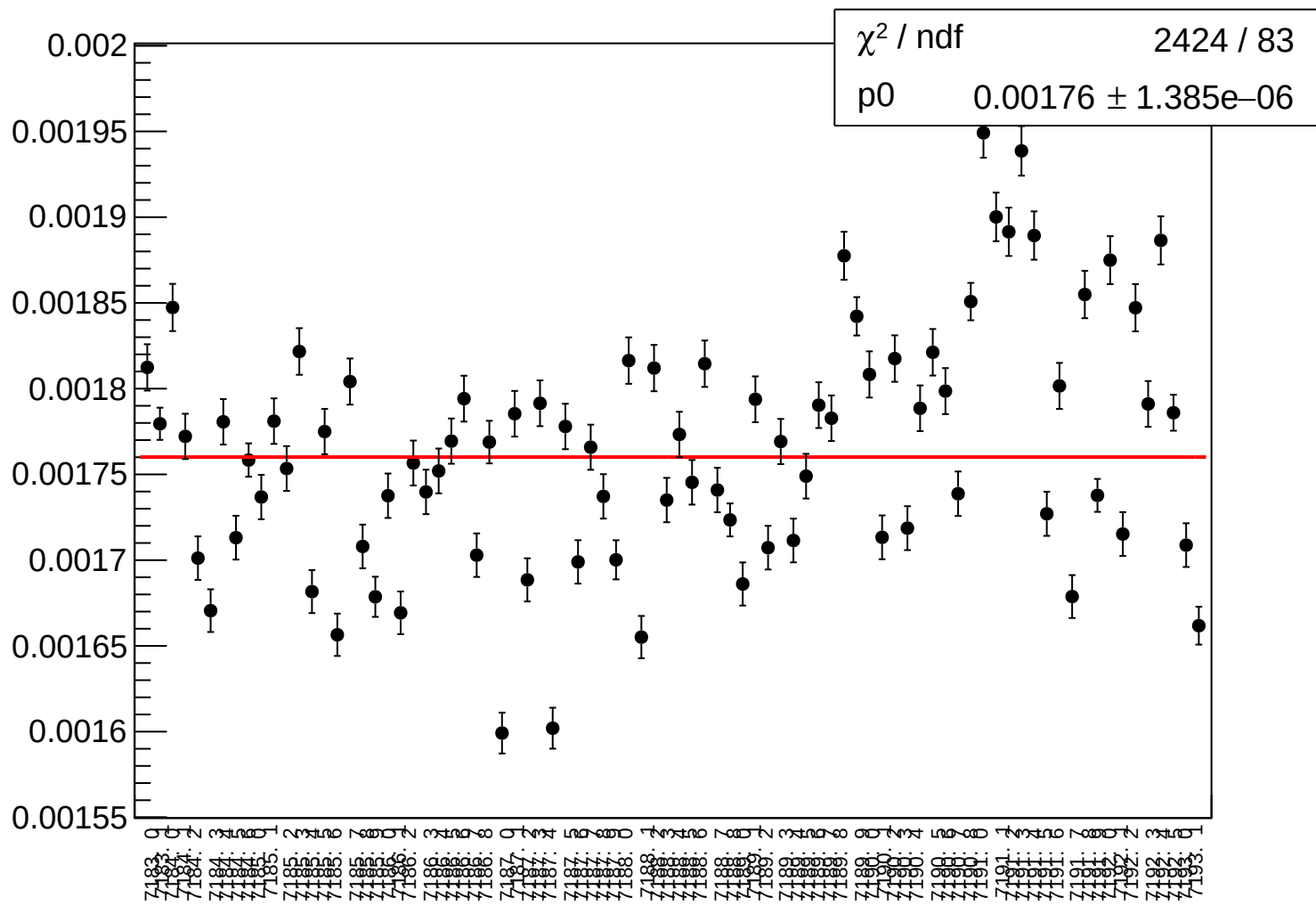
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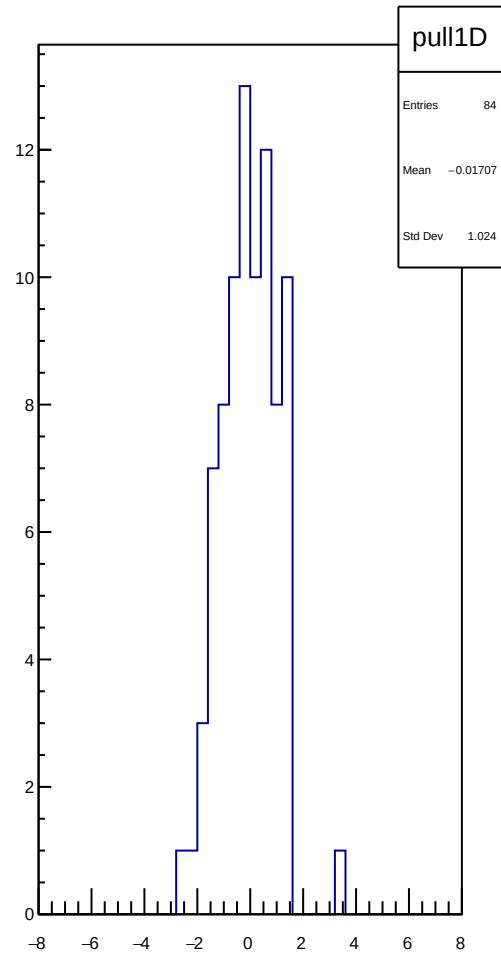
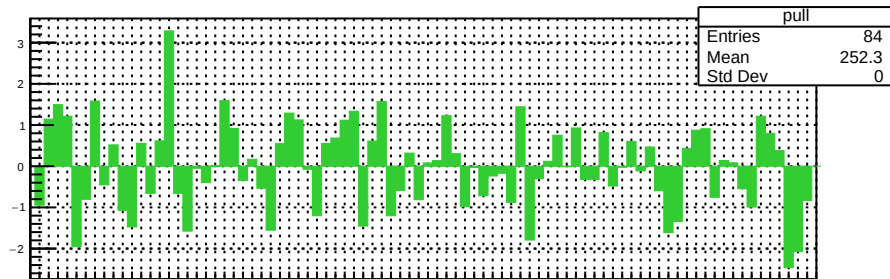
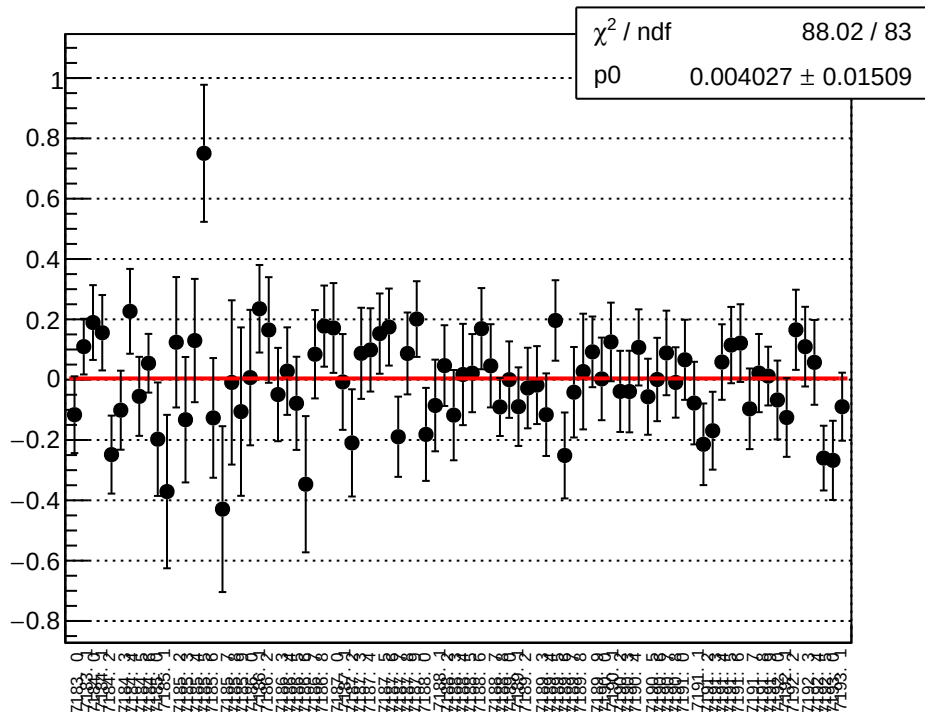
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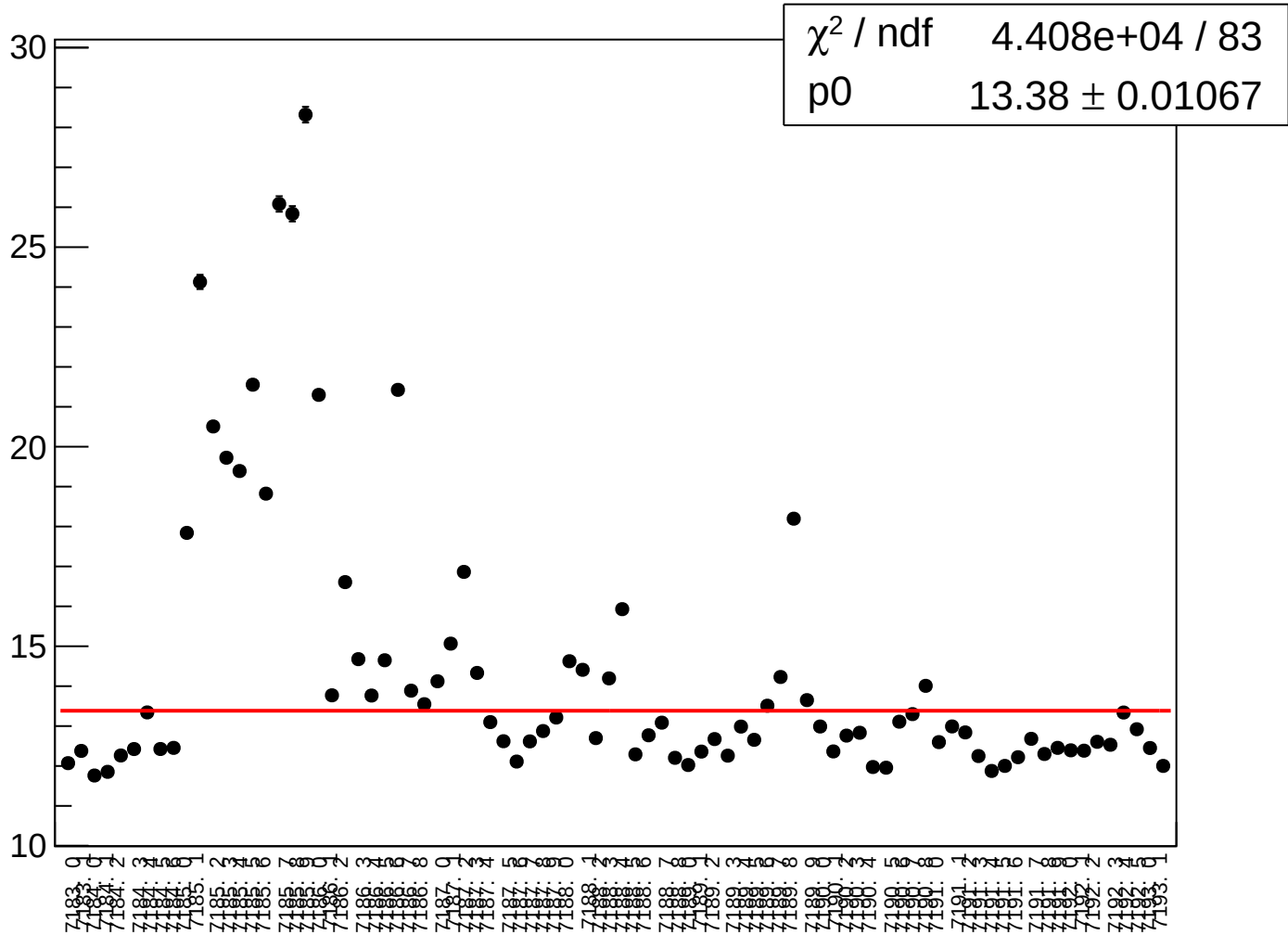
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs run



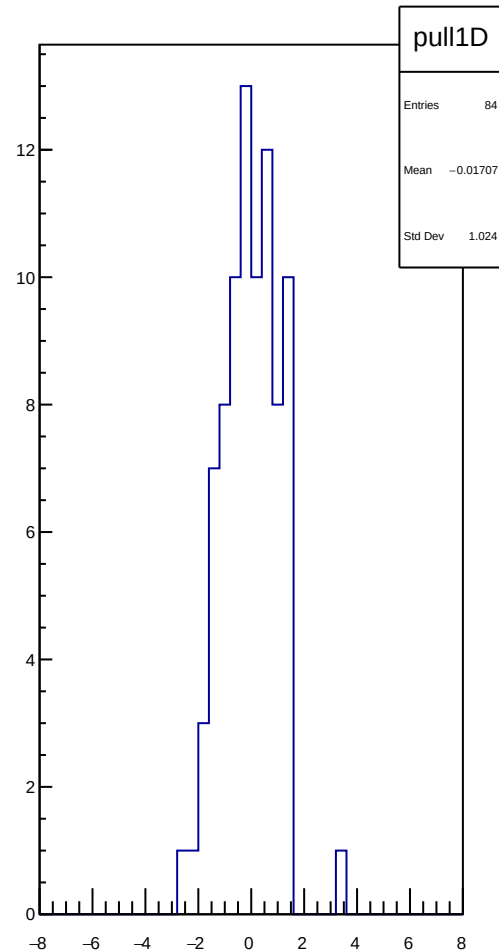
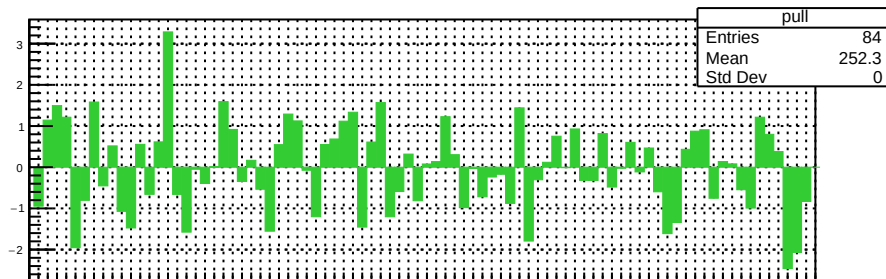
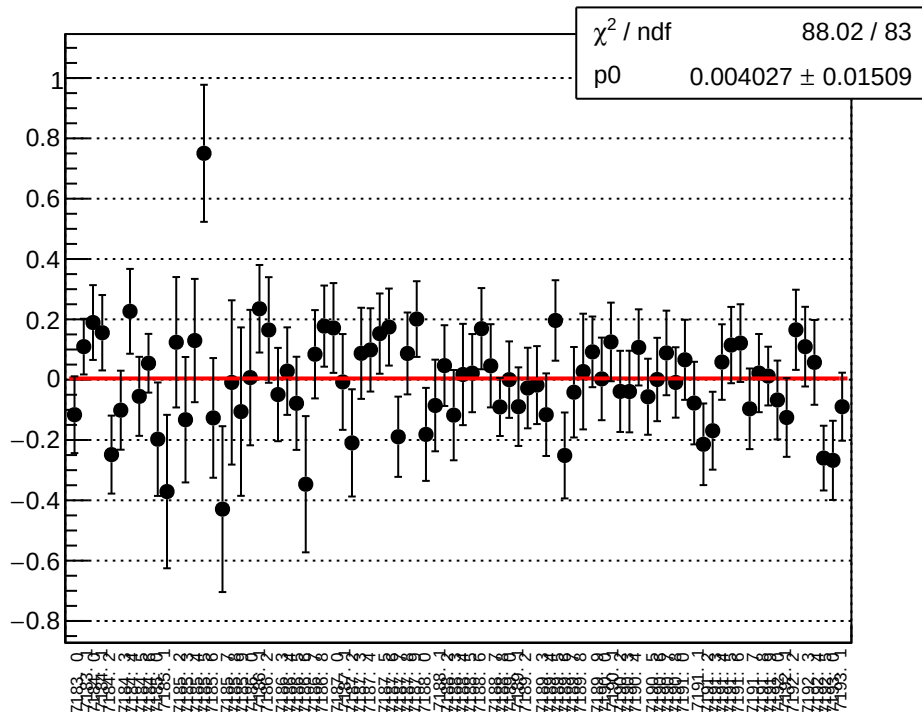
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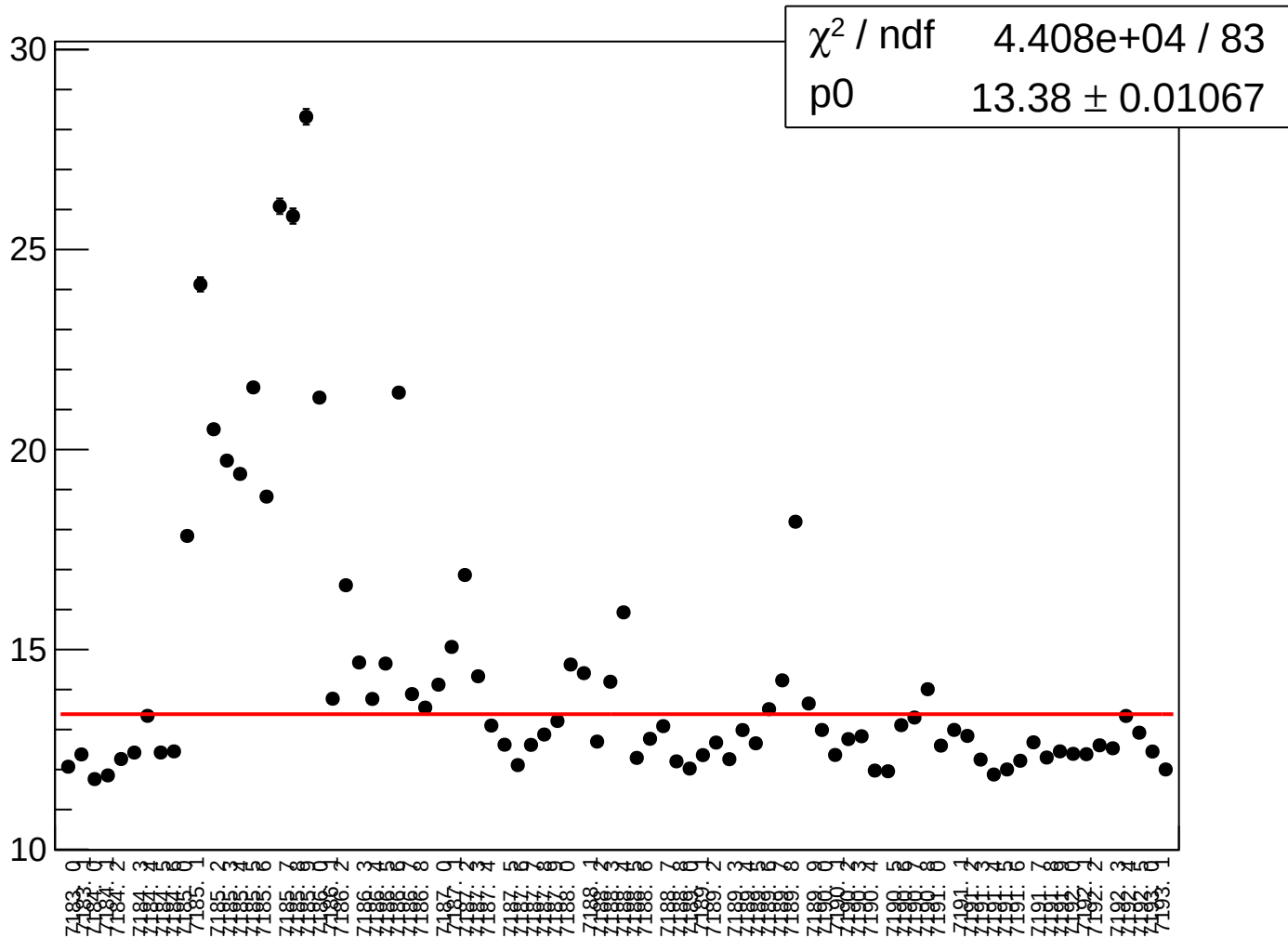
asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs run



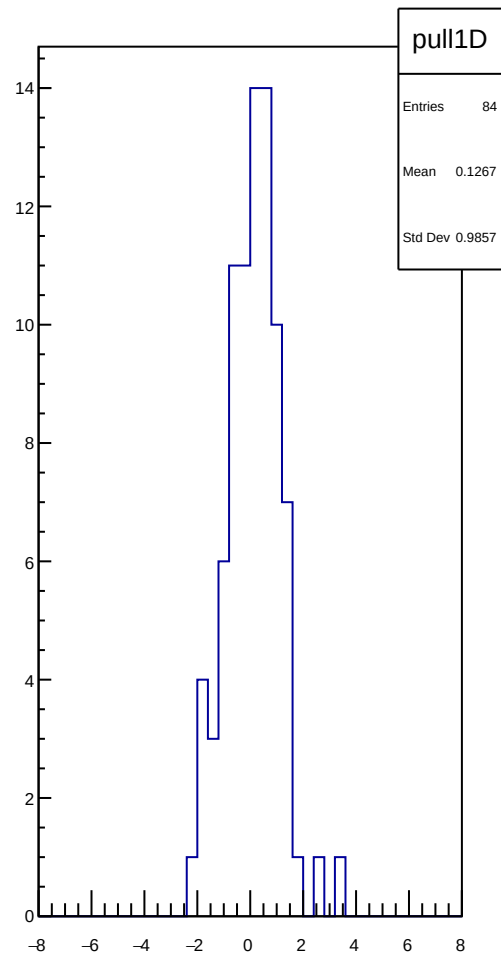
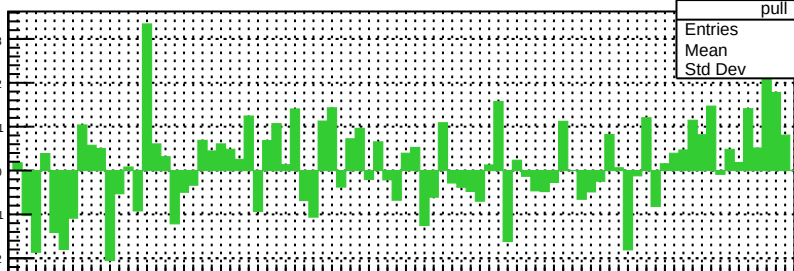
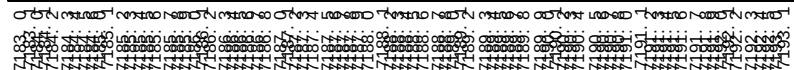
asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs run



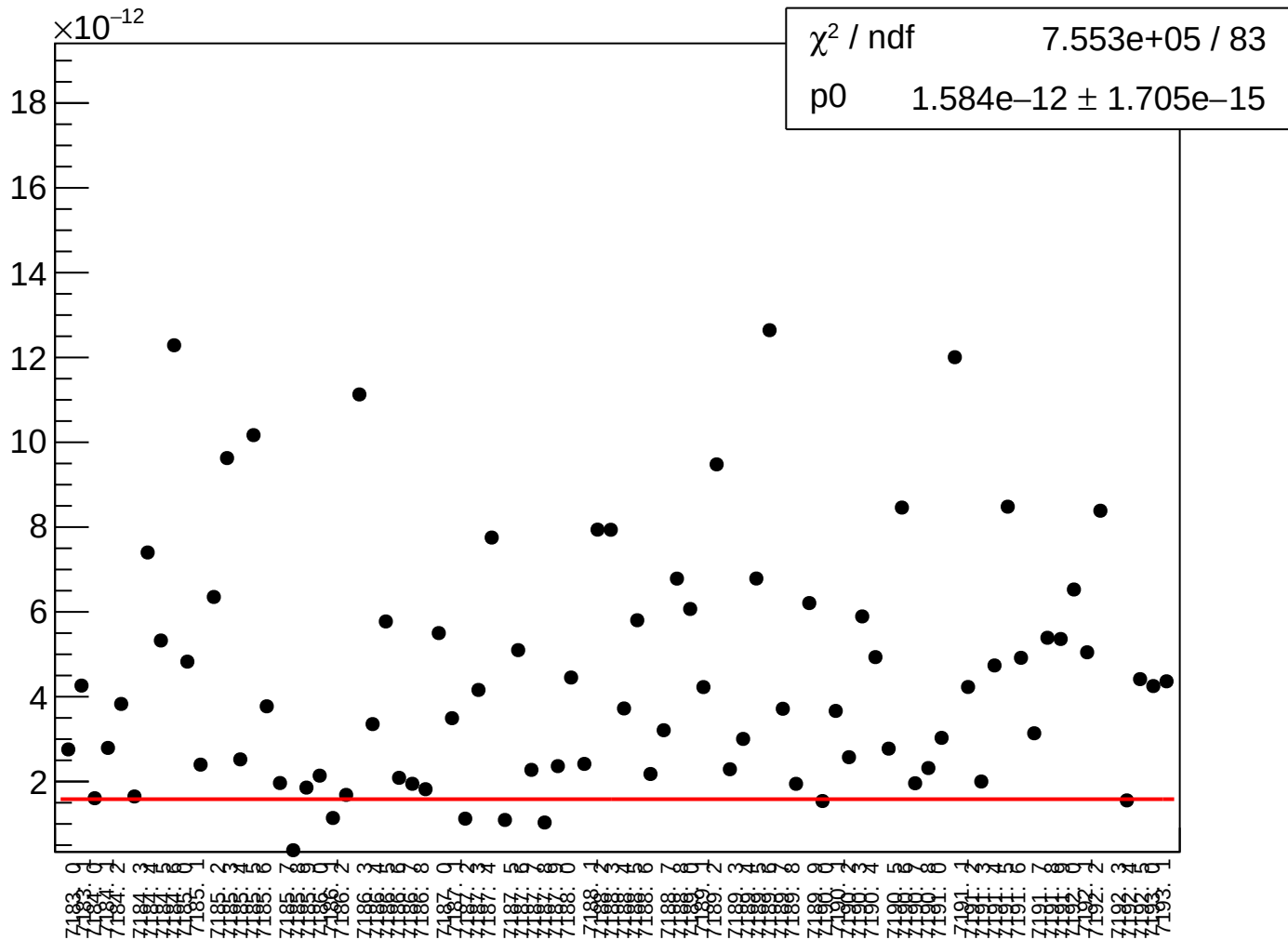
asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs run



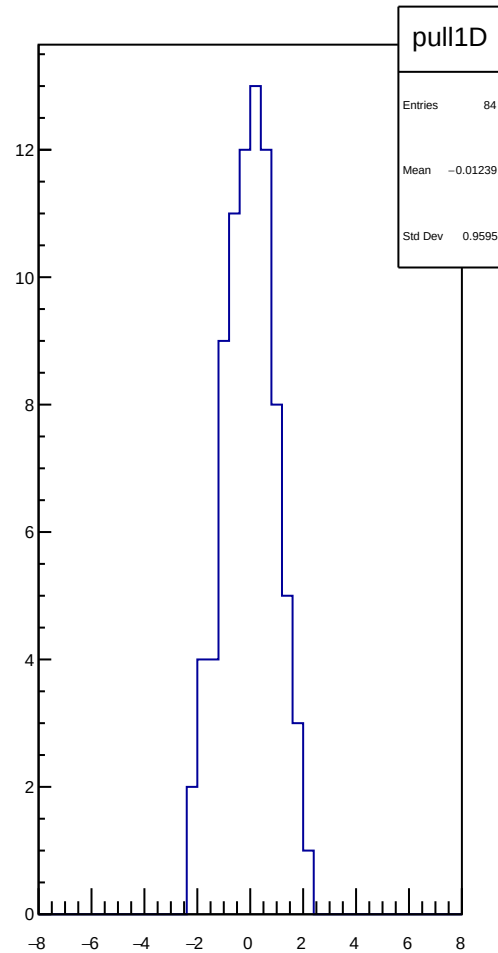
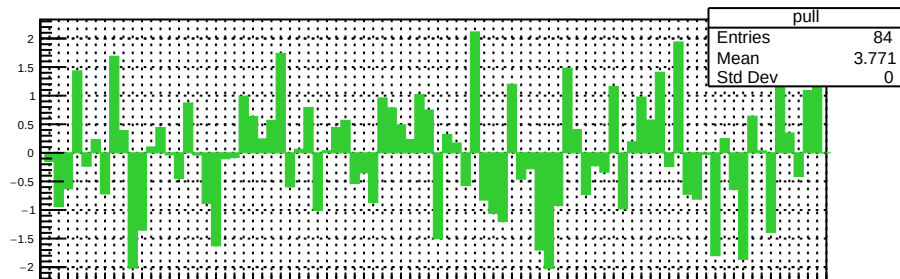
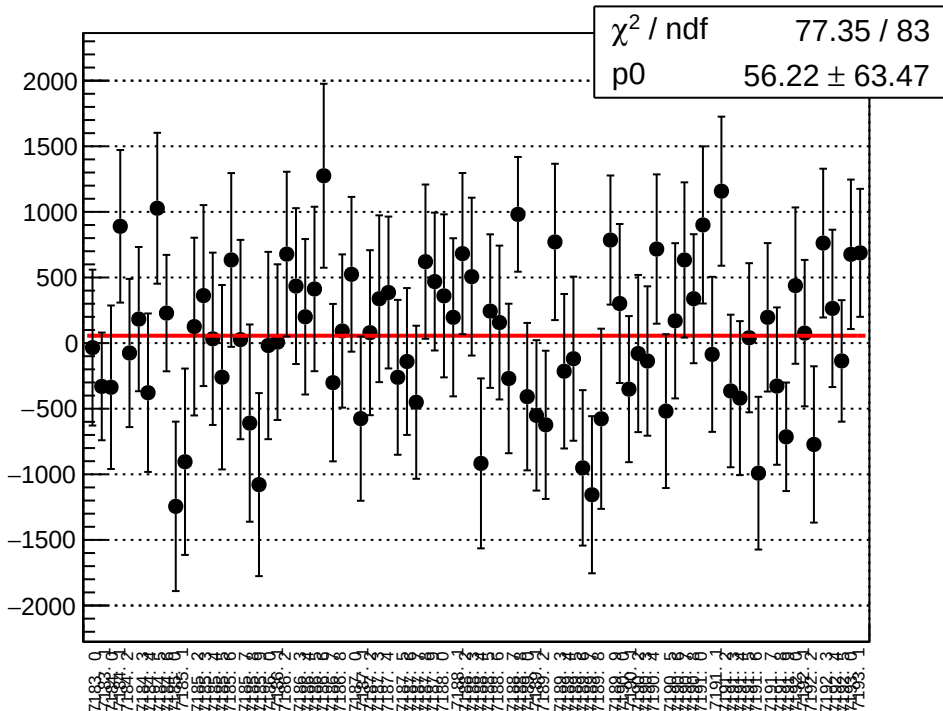
χ^2 / ndf 82.9
 p_0 $1.496\text{e-}15 \pm 2.41\text{e-}15$



asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs run



reg_asym_sam_12345678_avg_mean vs run



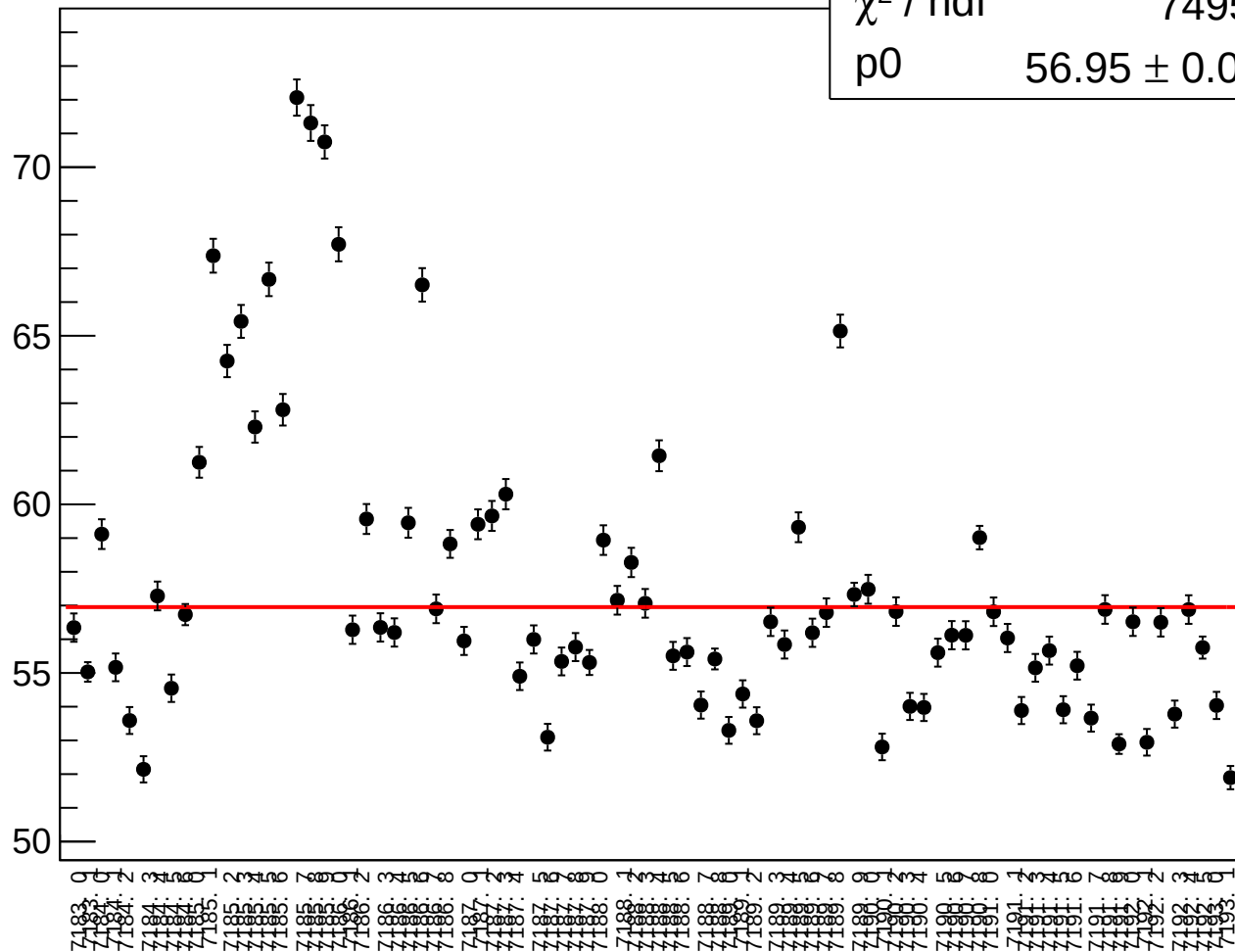
reg_asym_sam_12345678_avg_rms vs run

χ^2 / ndf

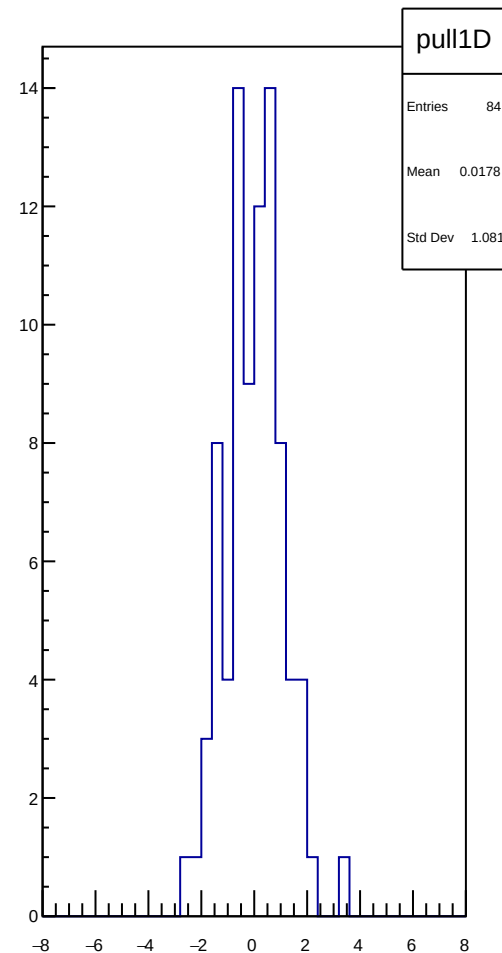
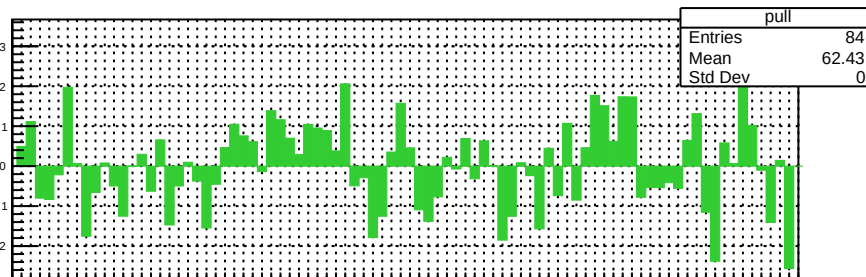
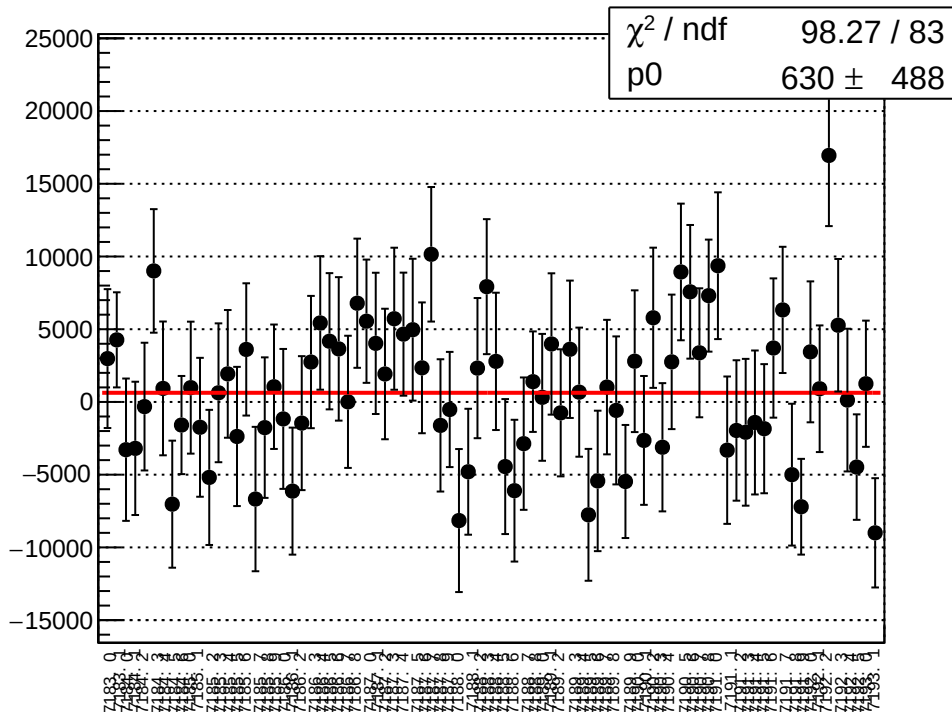
7495 / 83

p0

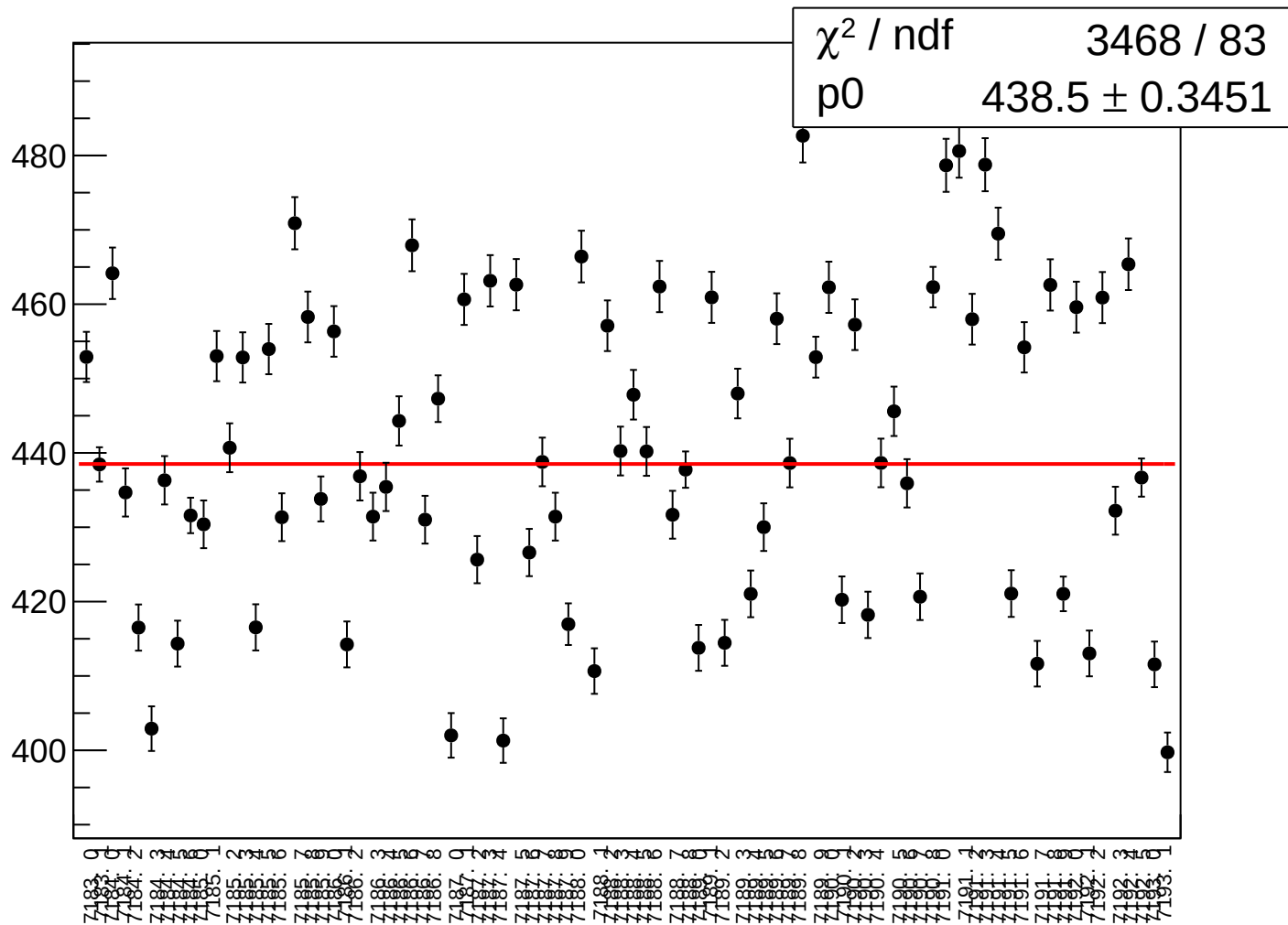
56.95 ± 0.04488



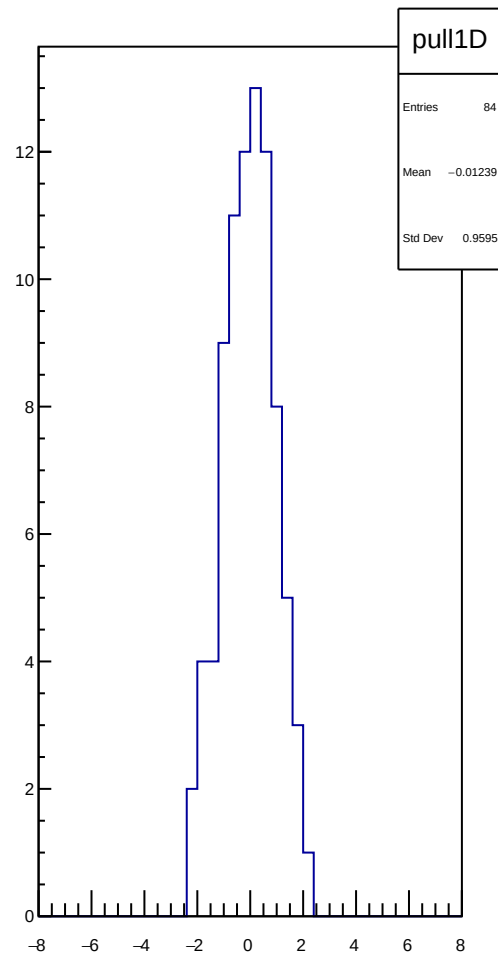
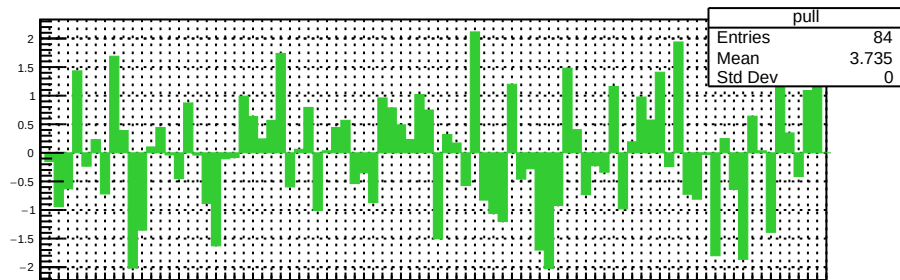
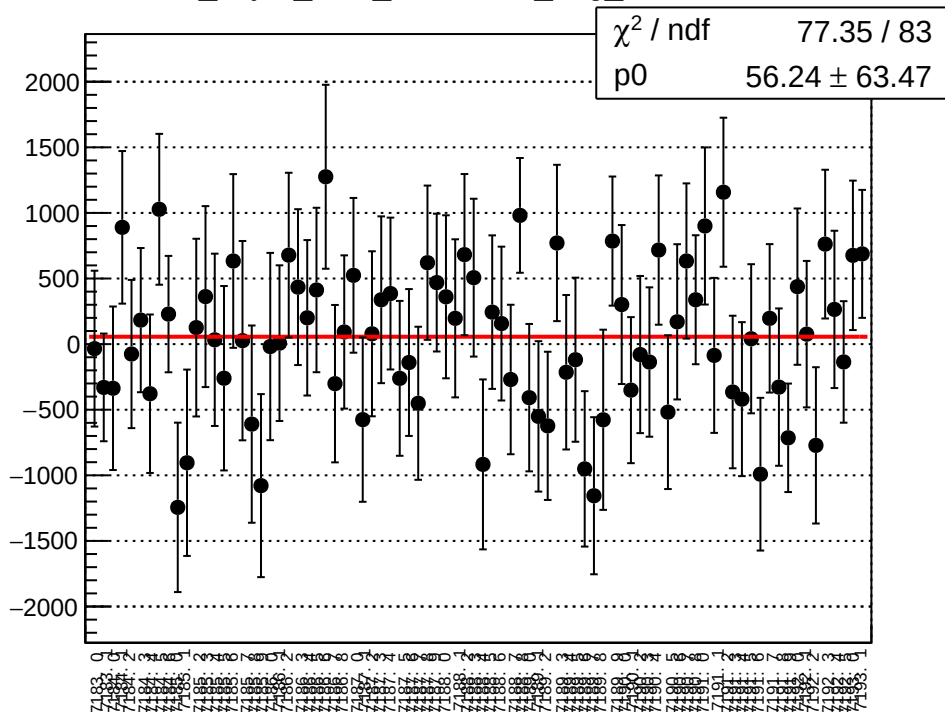
asym_sam_12345678_avg_reg_correction_mean vs run



asym_sam_12345678_avg_reg_correction_rms vs run



cor_asym_sam_12345678_avg_mean vs run

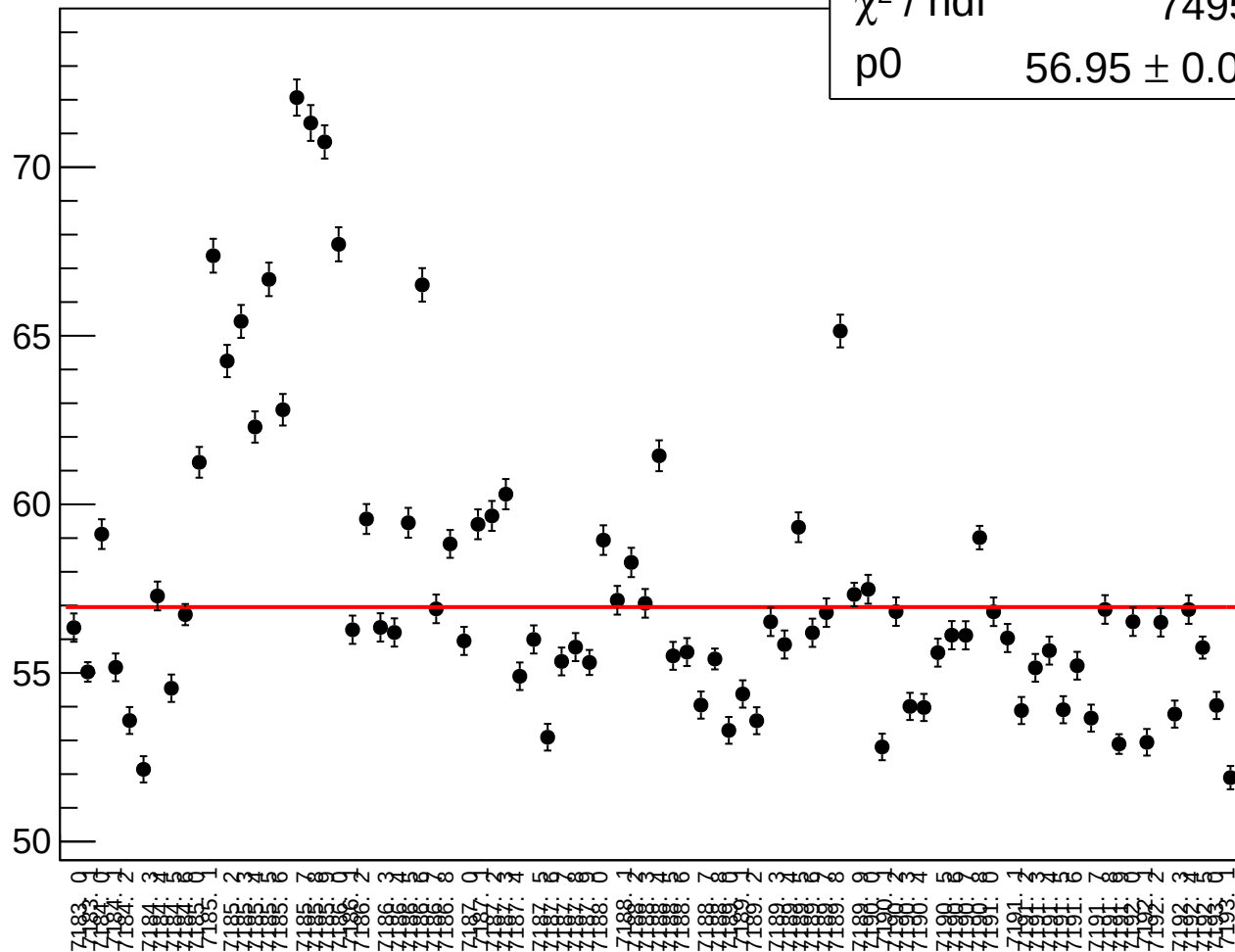


cor_asym_sam_12345678_avg_rms vs run

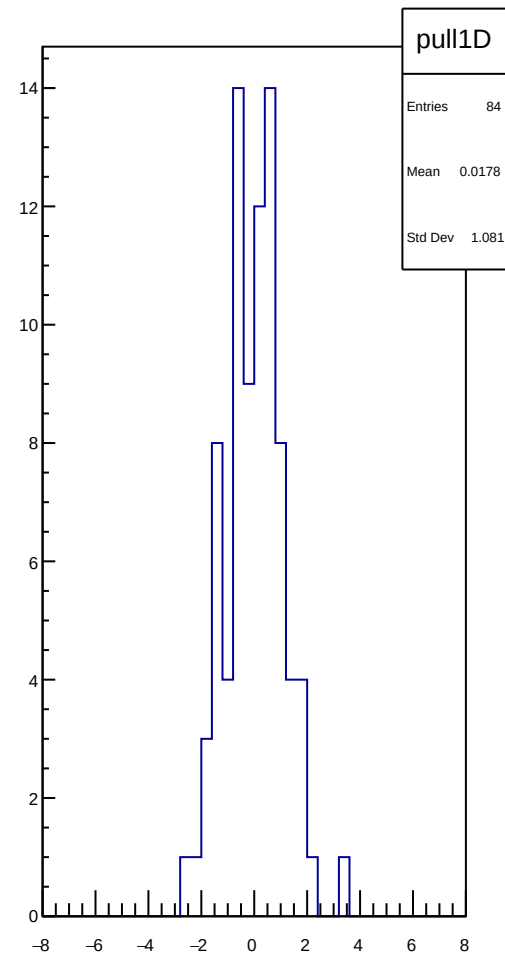
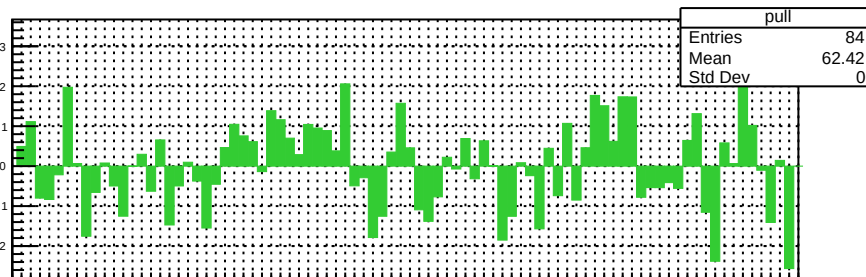
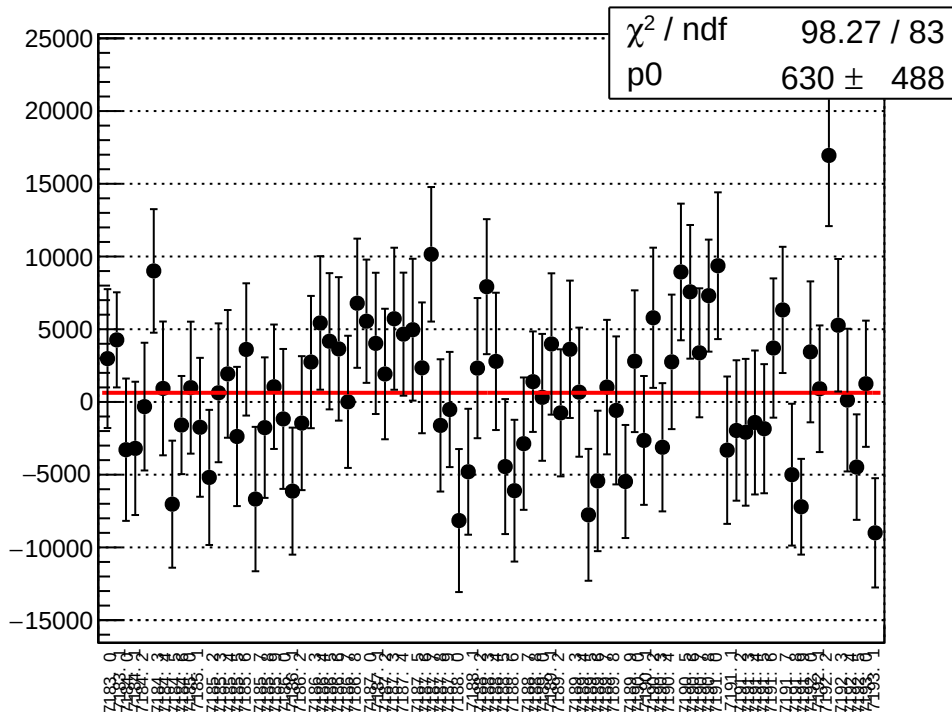
 χ^2 / ndf

7495 / 83

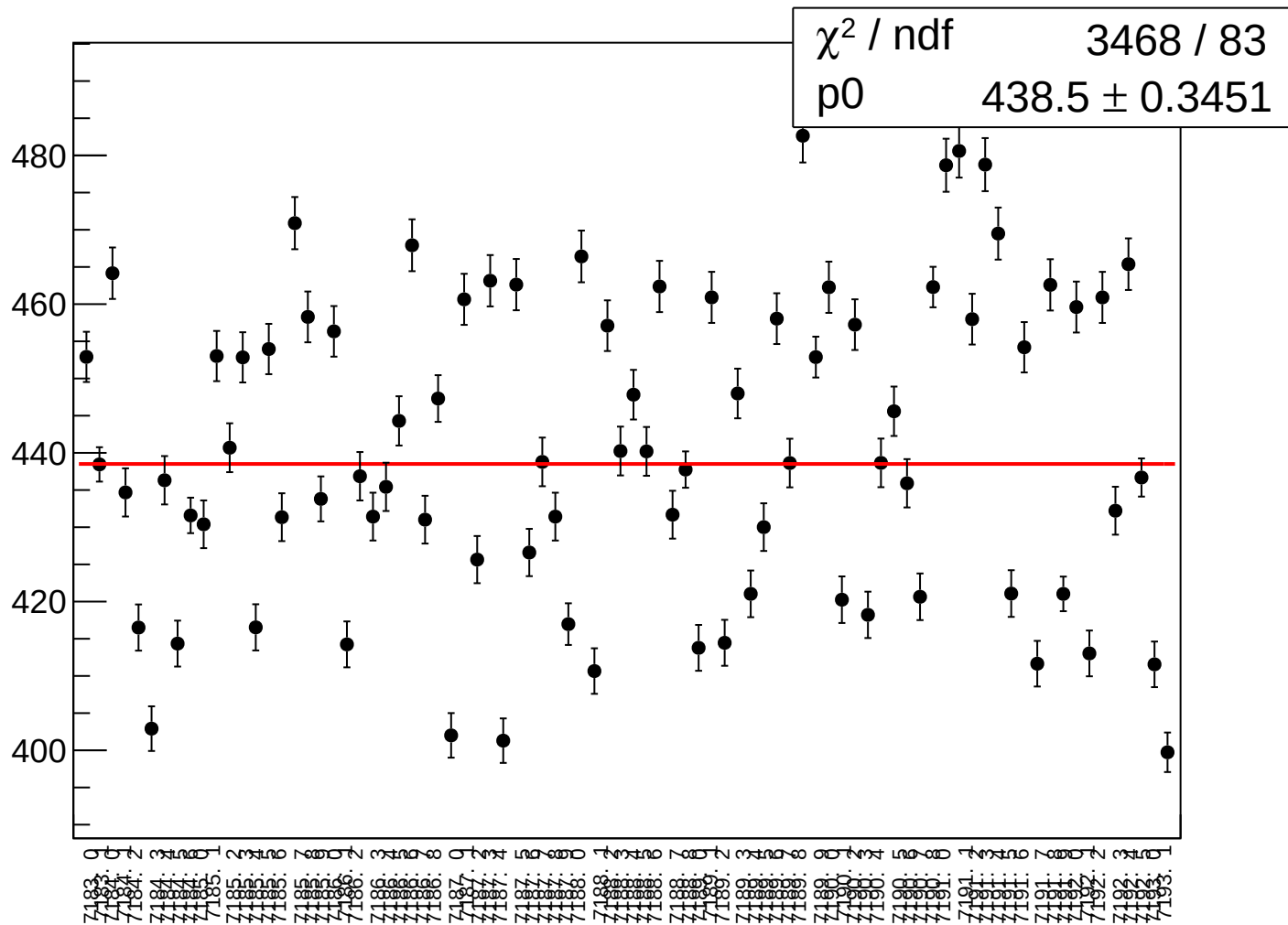
p0

 56.95 ± 0.04488 

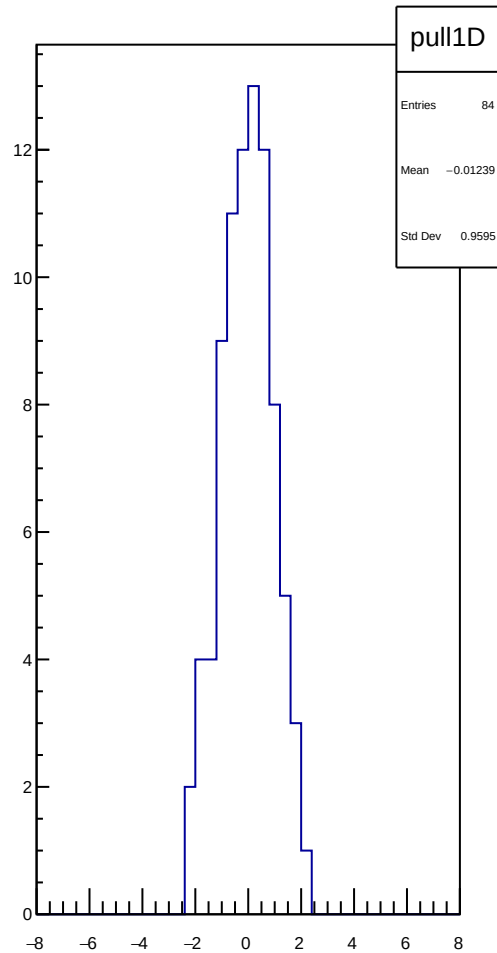
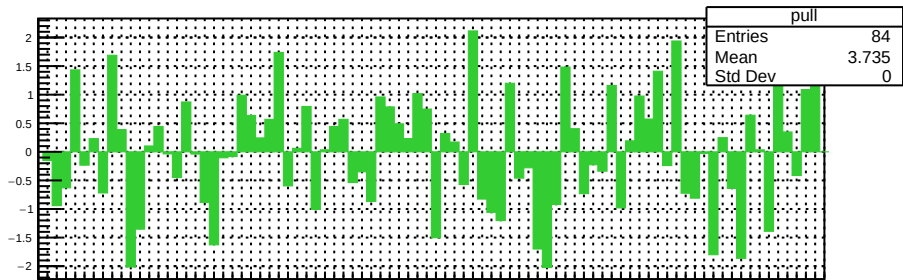
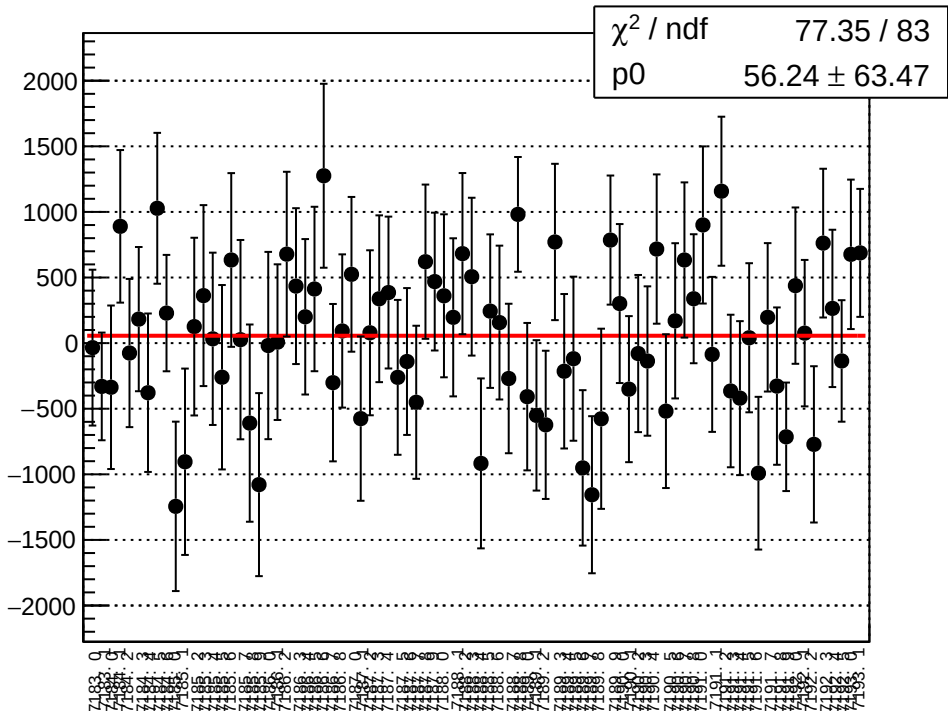
asym_sam_12345678_avg_cor_correction_mean vs run



asym_sam_12345678_avg_cor_correction_rms vs run



eigen_cor_asym_sam_12345678_avg_mean vs run

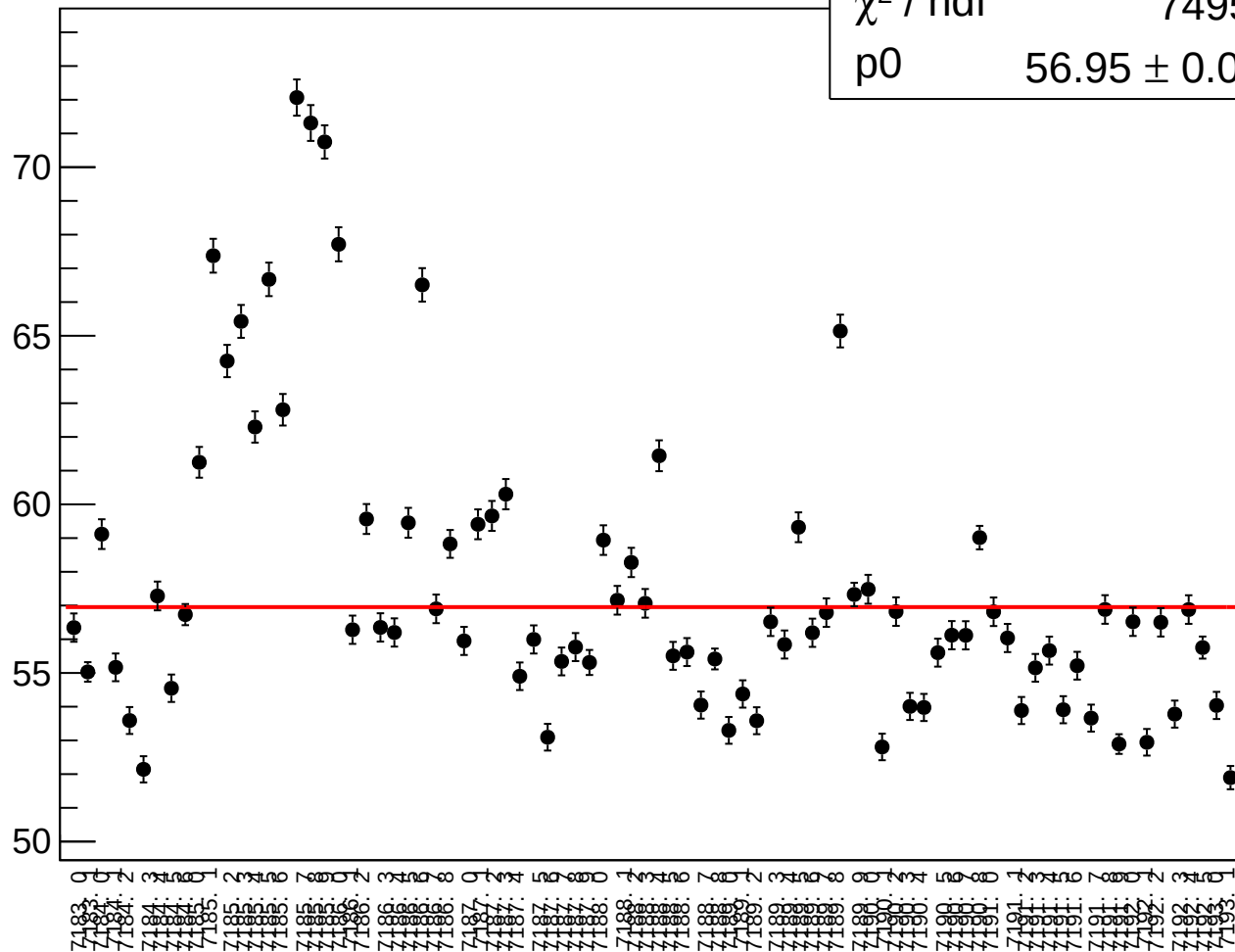


eigen_cor_asym_sam_12345678_avg_rms vs run

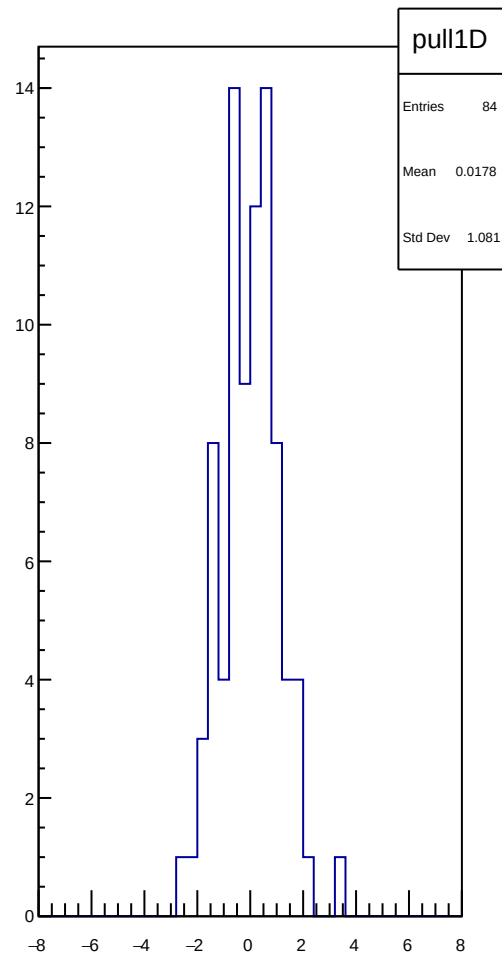
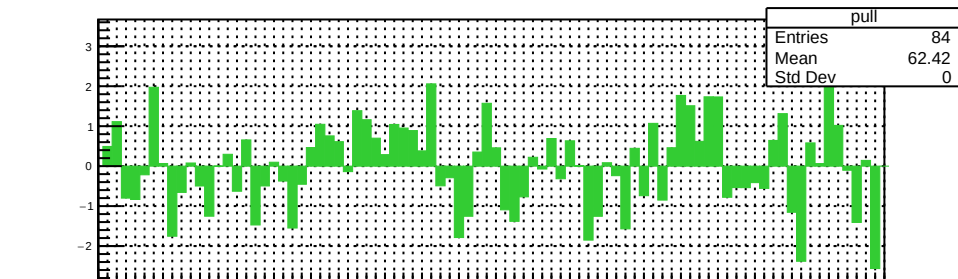
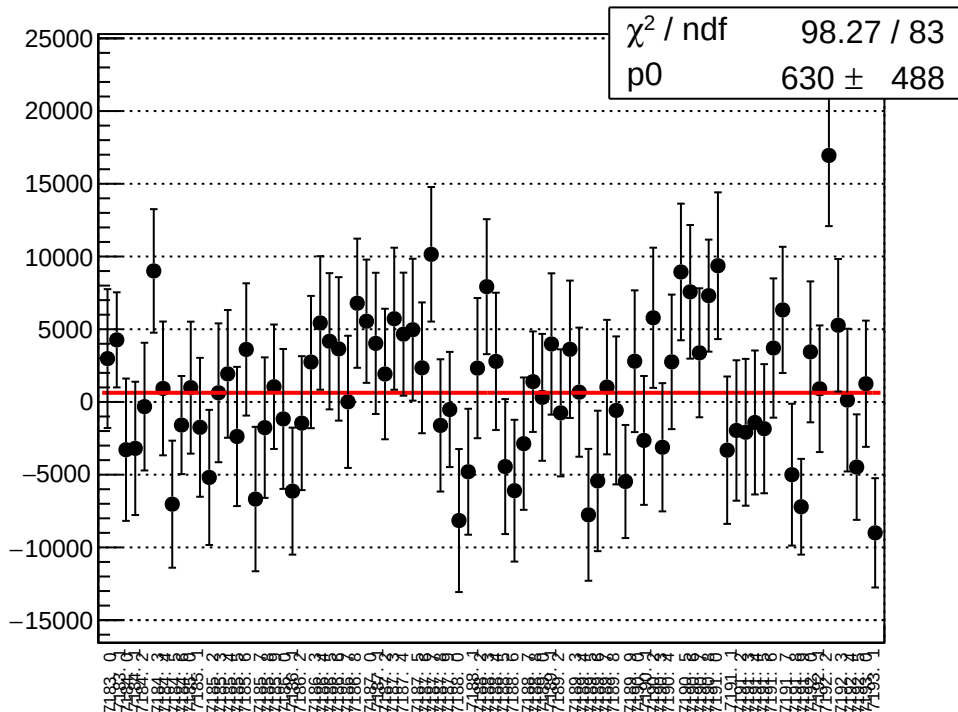
 χ^2 / ndf

7495 / 83

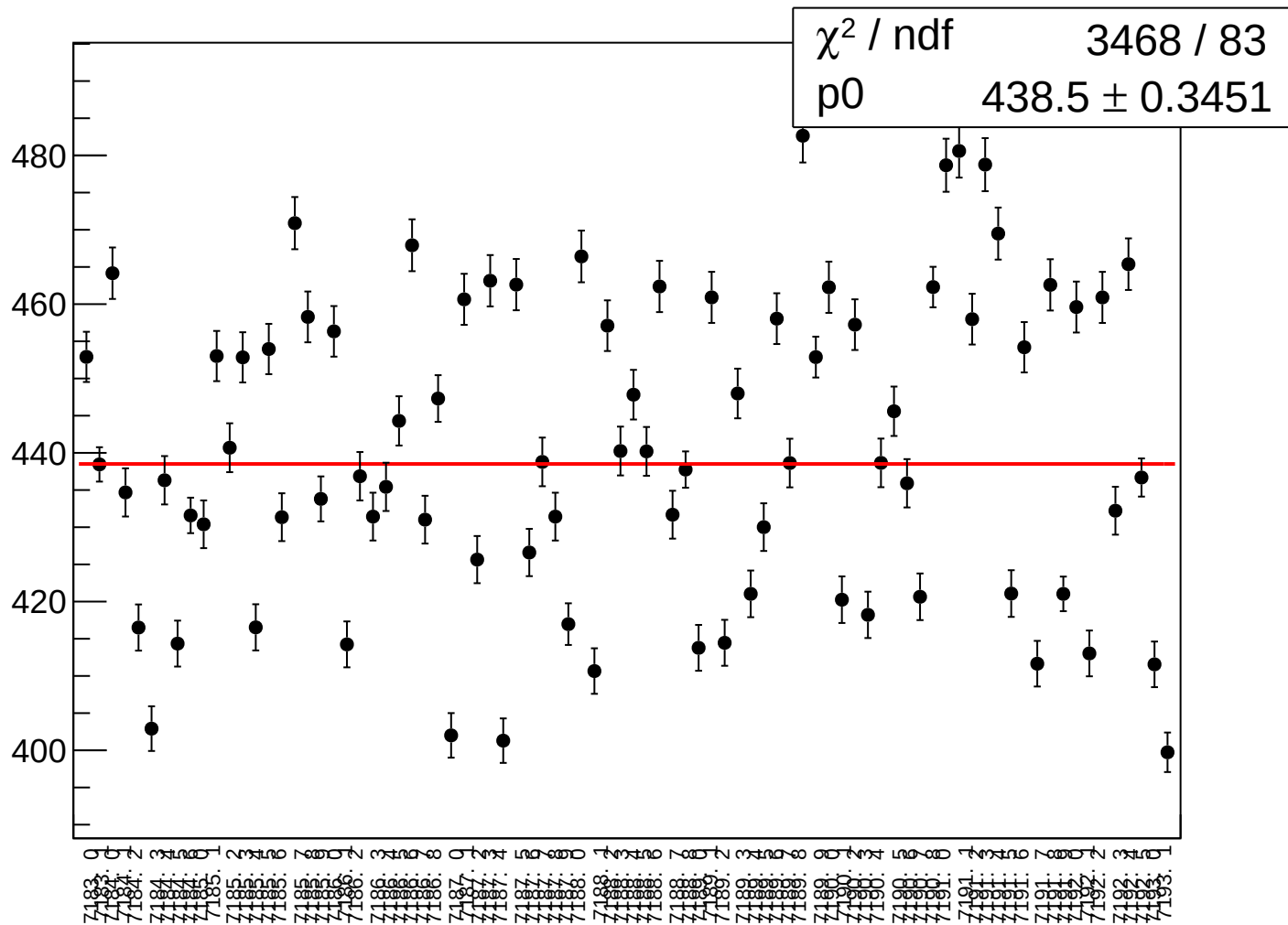
p0

 56.95 ± 0.04488 

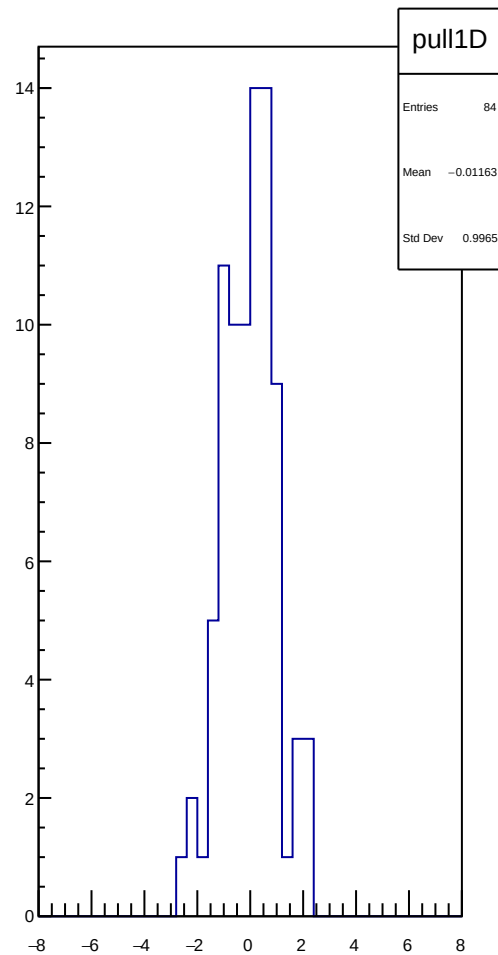
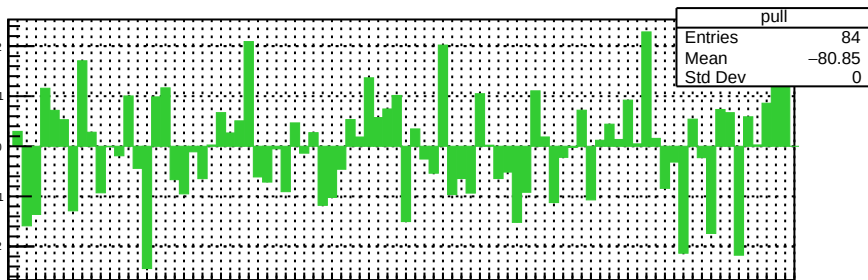
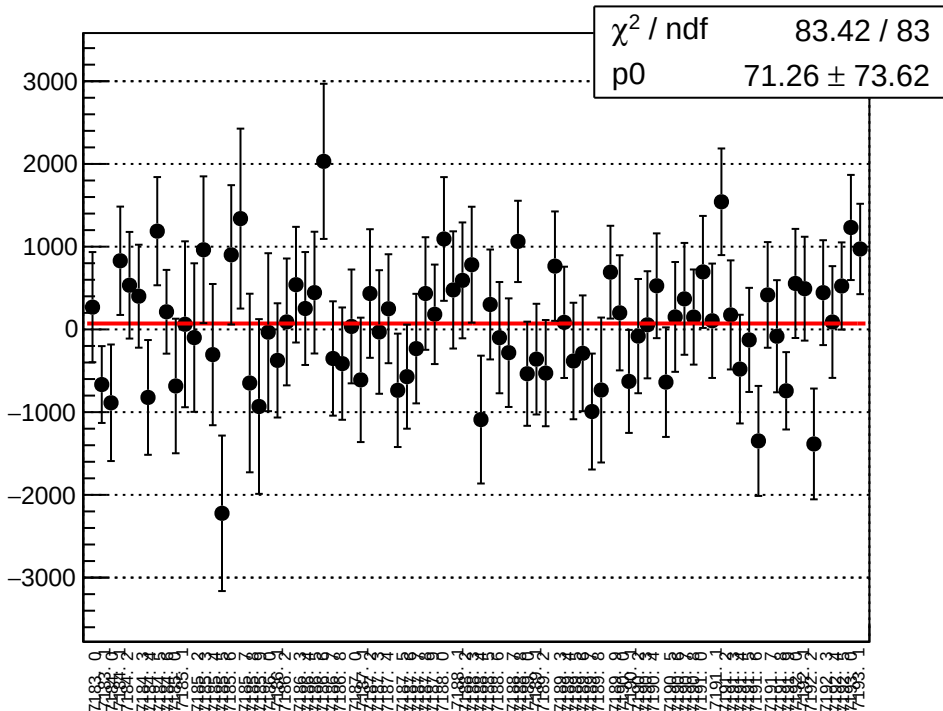
asym_sam_12345678_avg_eigen_cor_correction_mean vs run



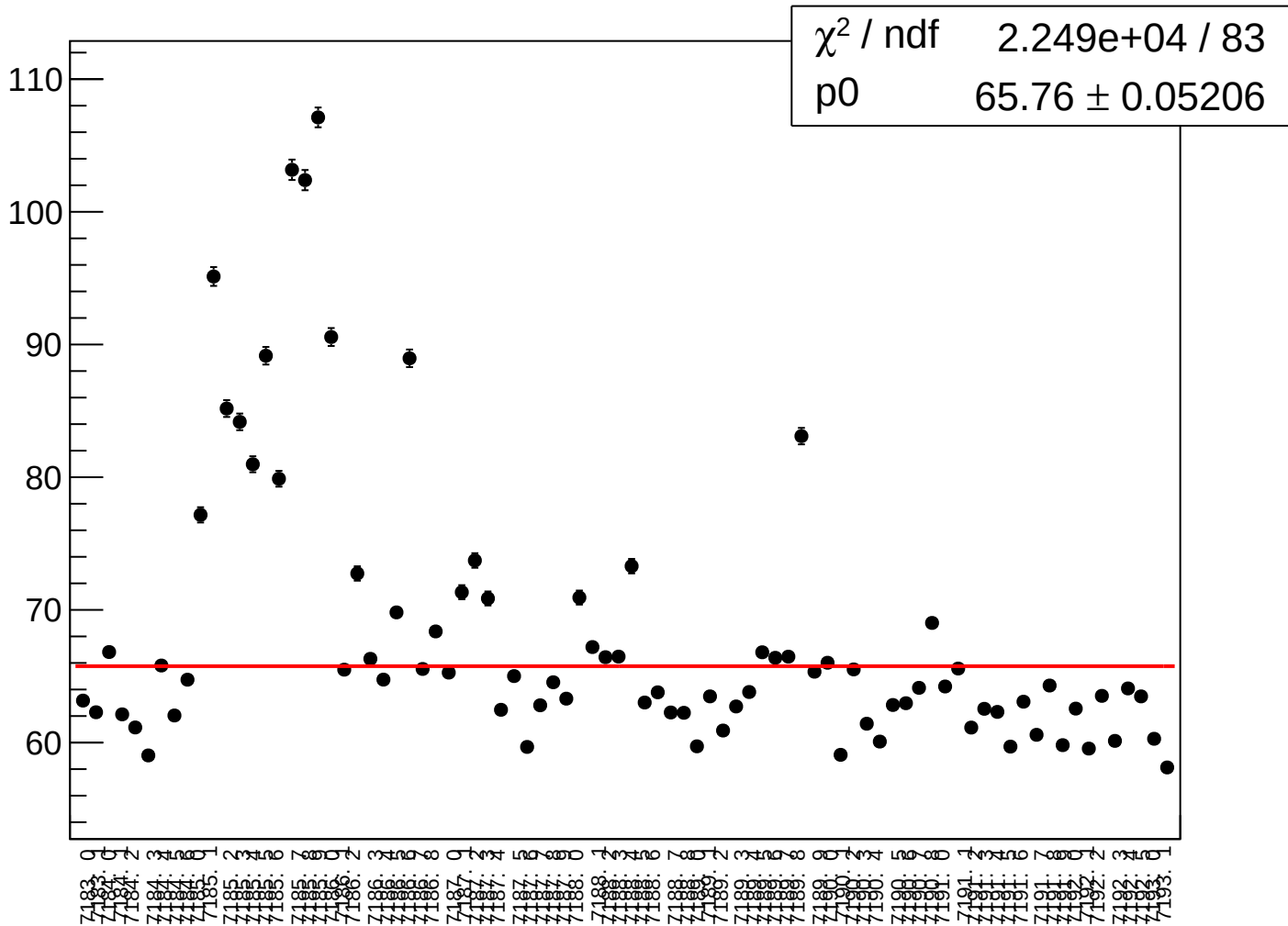
asym_sam_12345678_avg_eigen_cor_correction_rms vs run



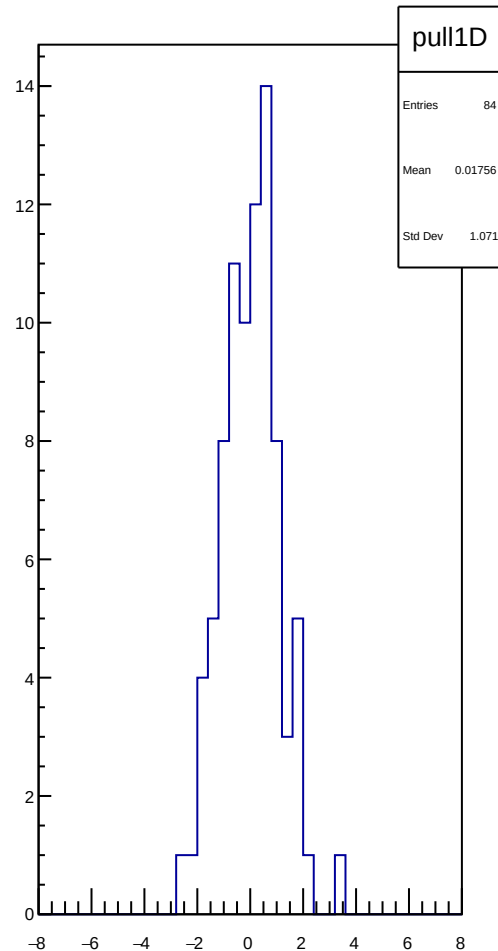
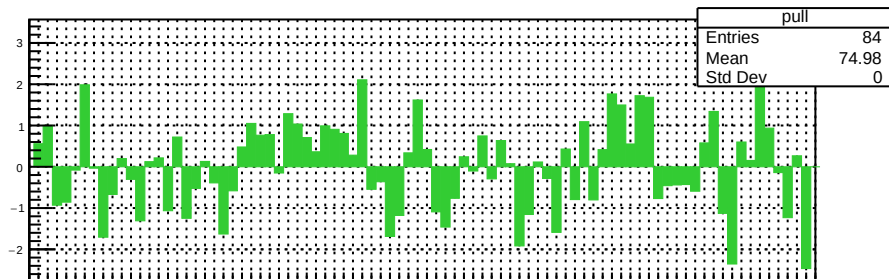
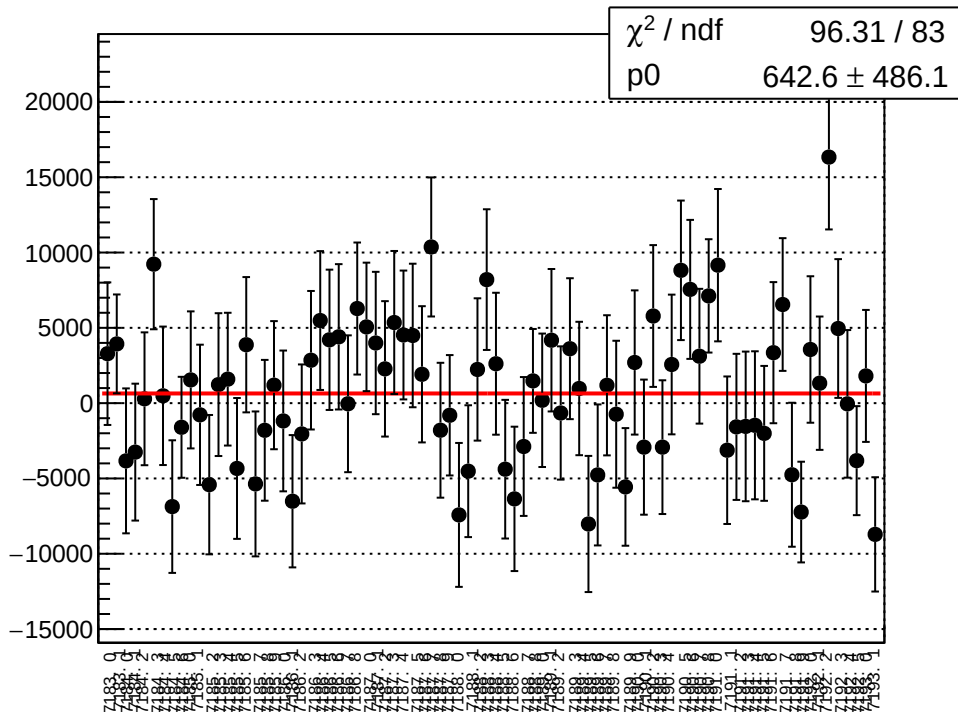
dit_asym_sam_12345678_avg_mean vs run



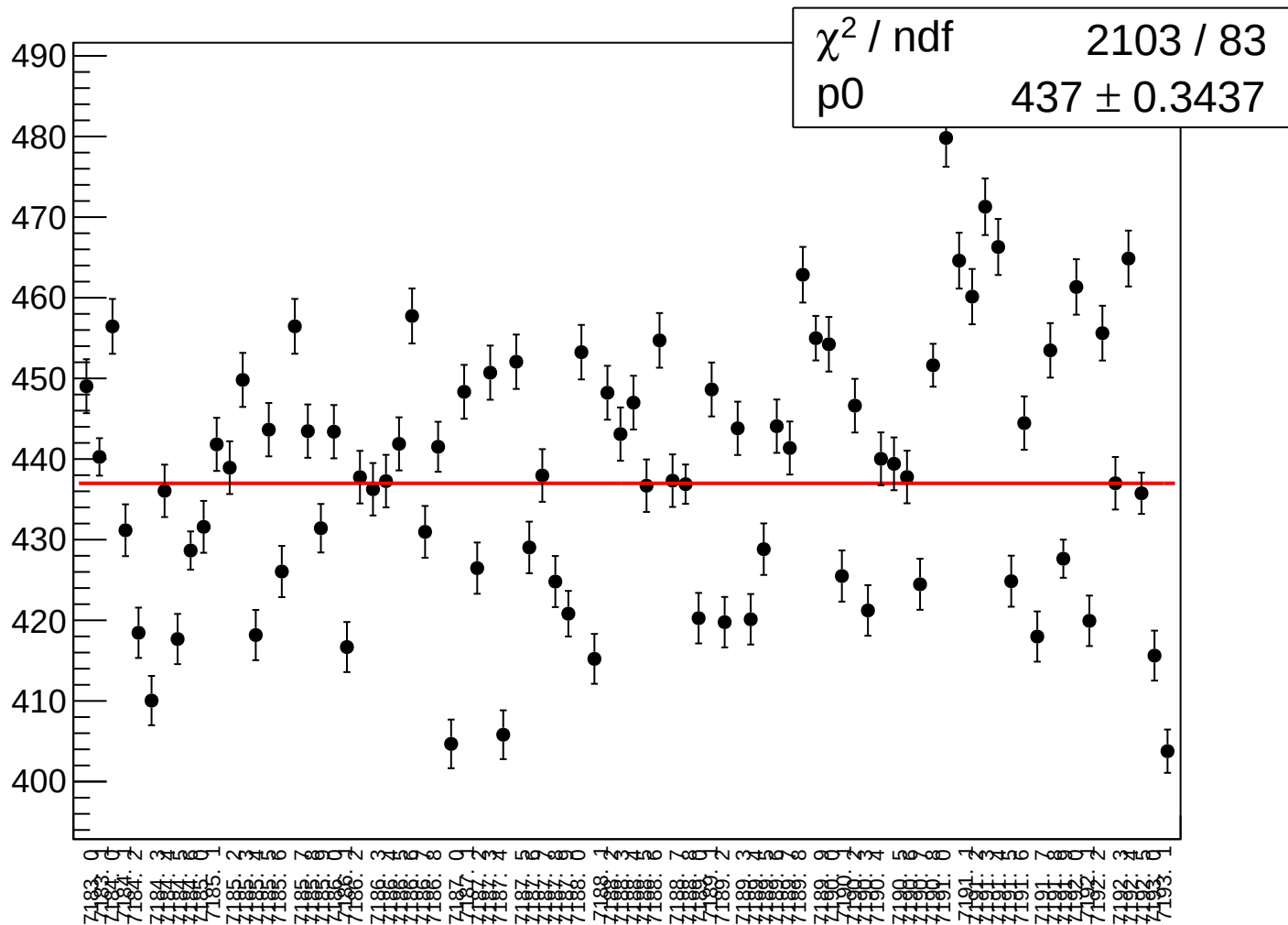
dit_asym_sam_12345678_avg_rms vs run



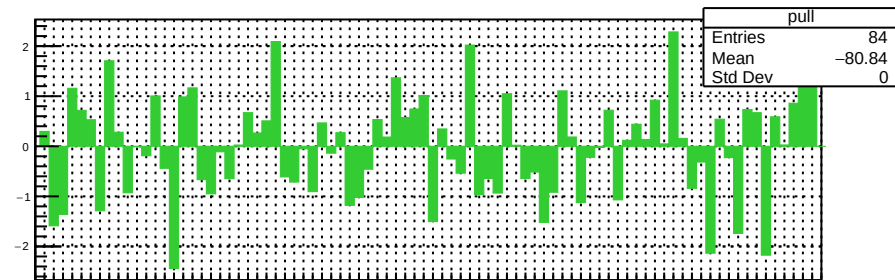
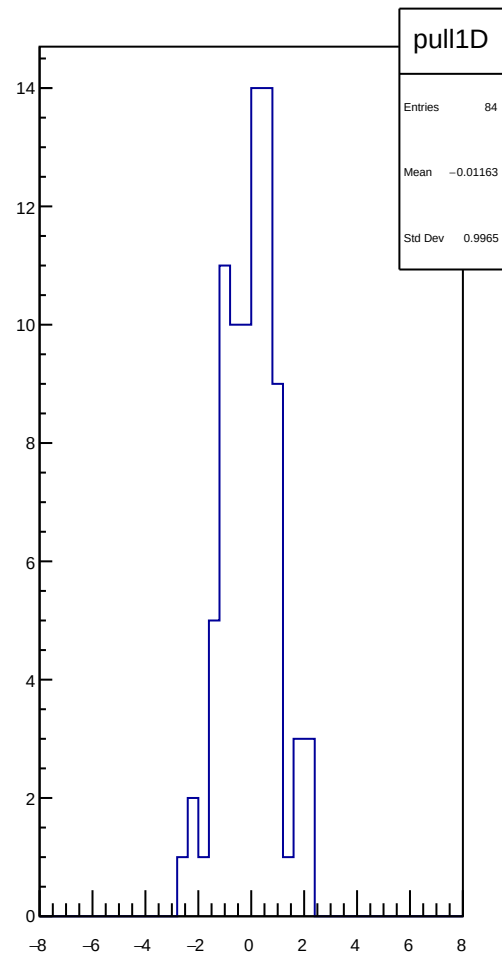
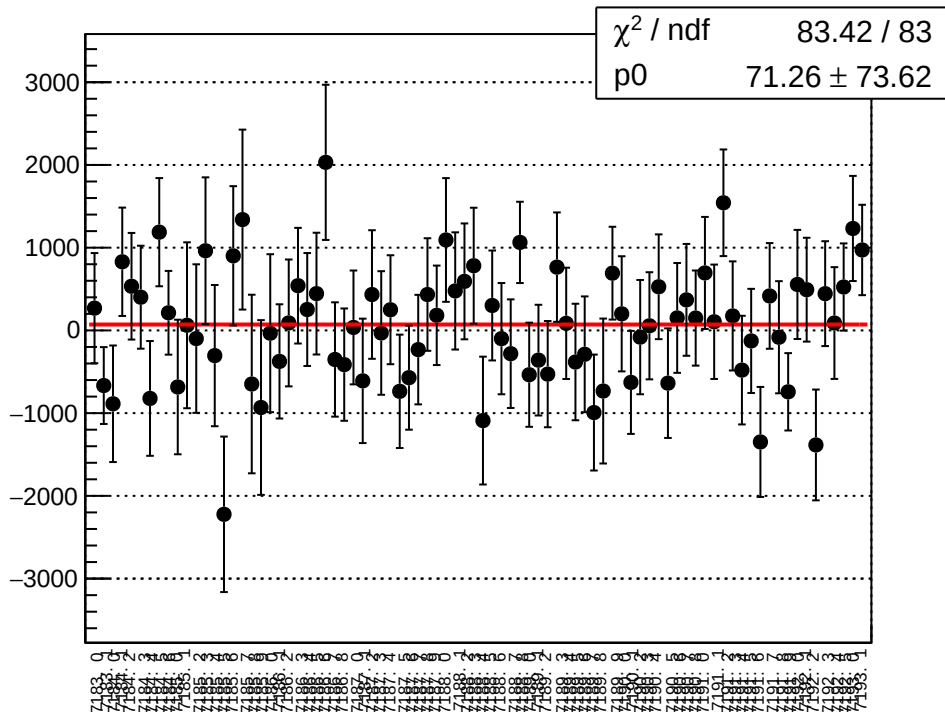
asym_sam_12345678_avg_dit_correction_mean vs run



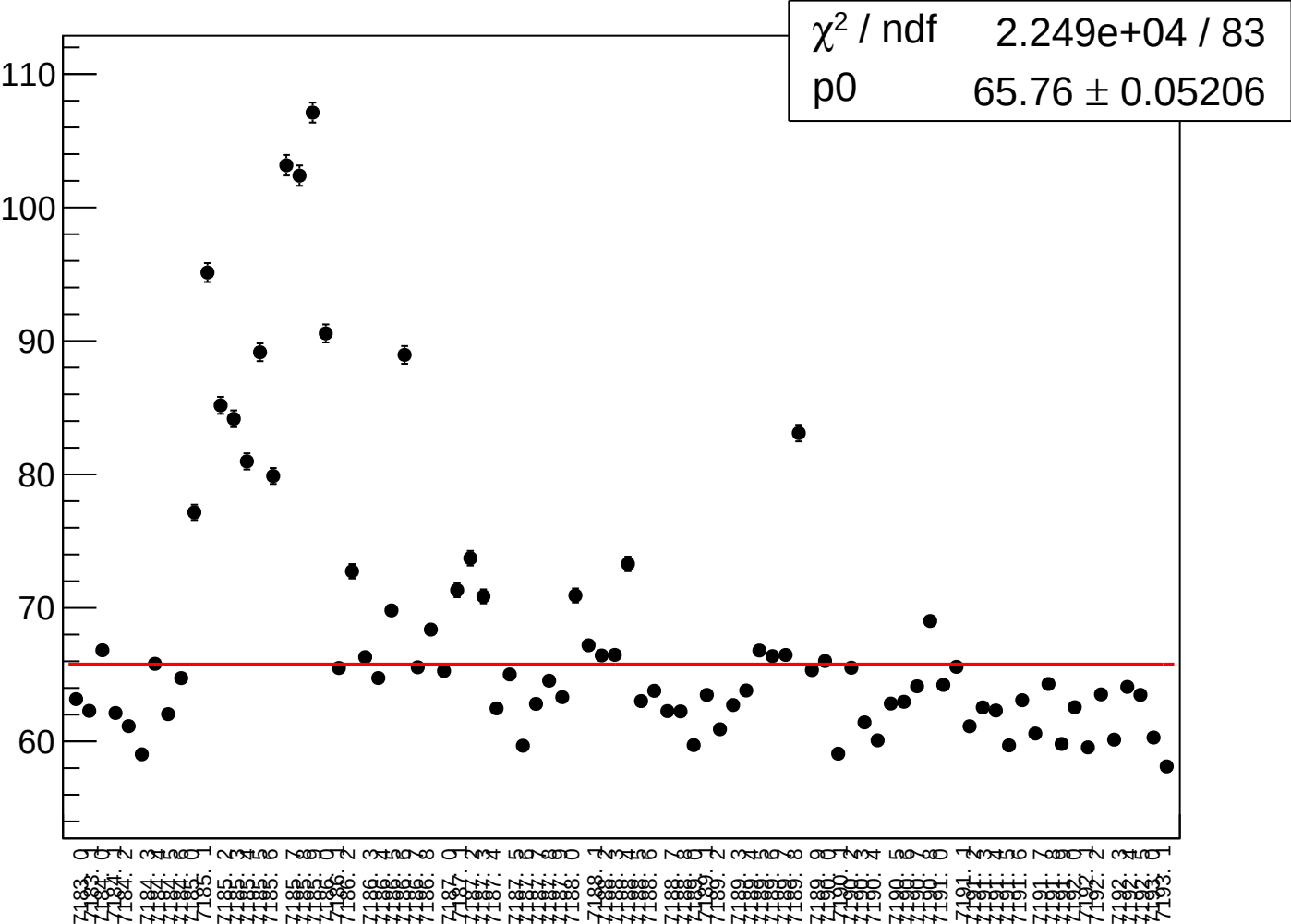
asym_sam_12345678_avg_dit_correction_rms vs run



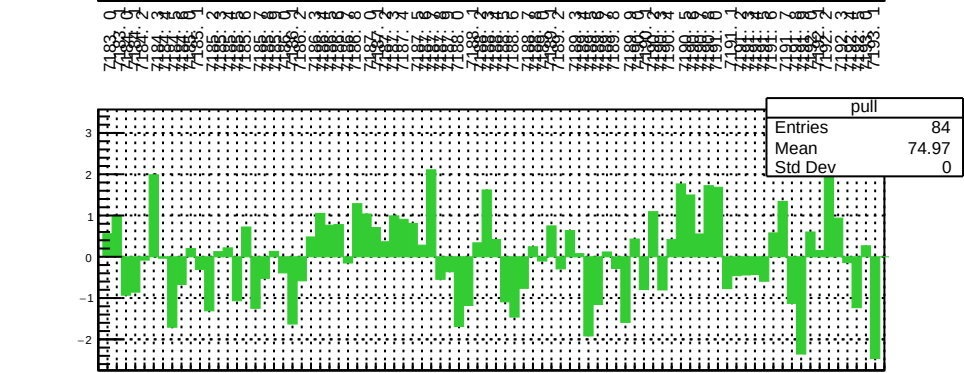
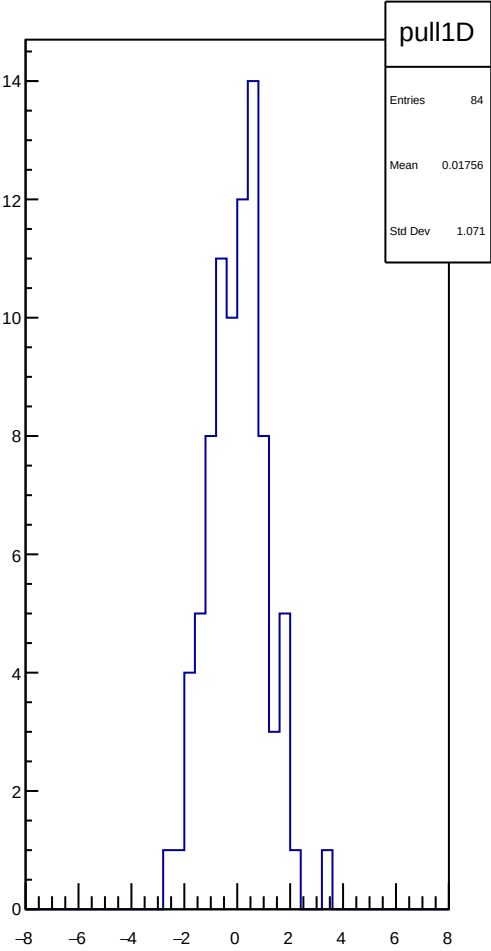
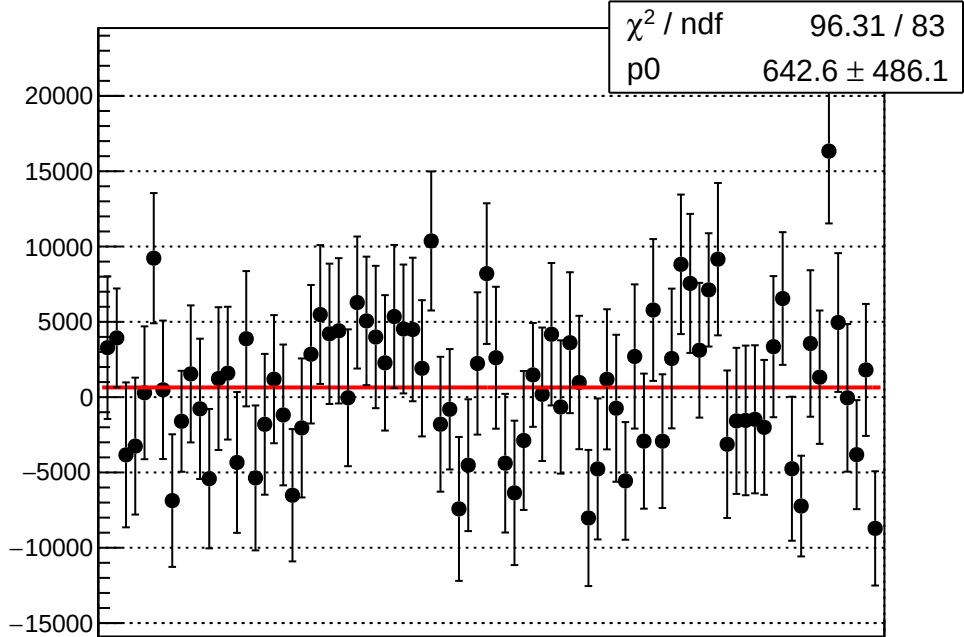
eigen_dit_asym_sam_12345678_avg_mean vs run



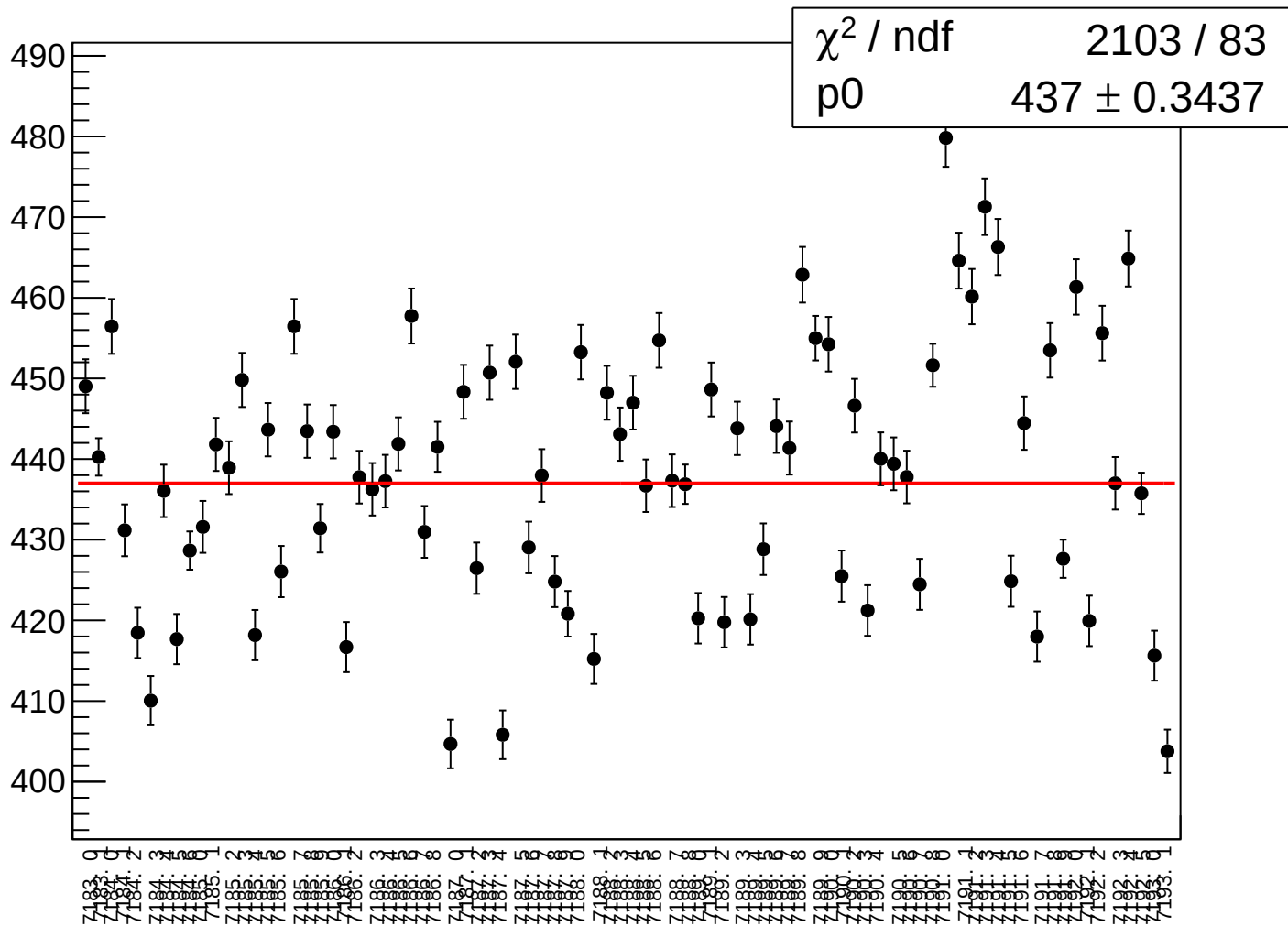
eigen_dit_asym_sam_12345678_avg_rms vs run



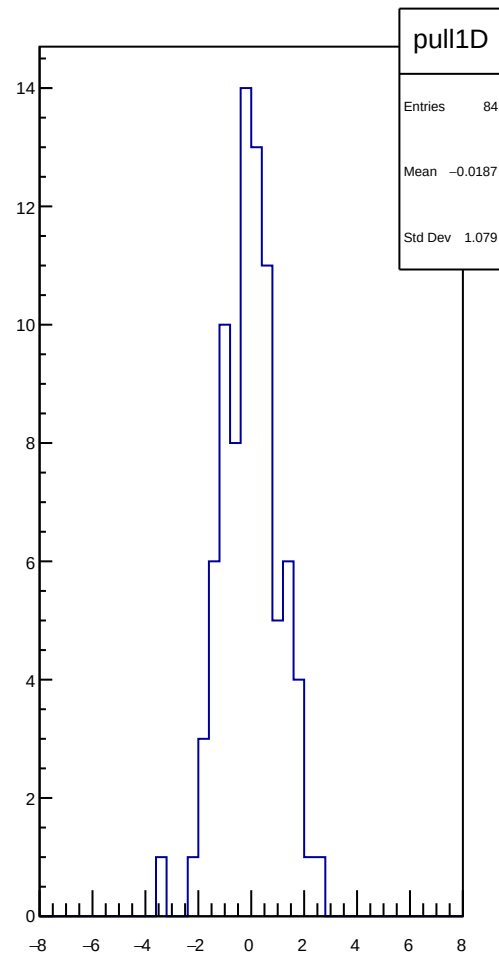
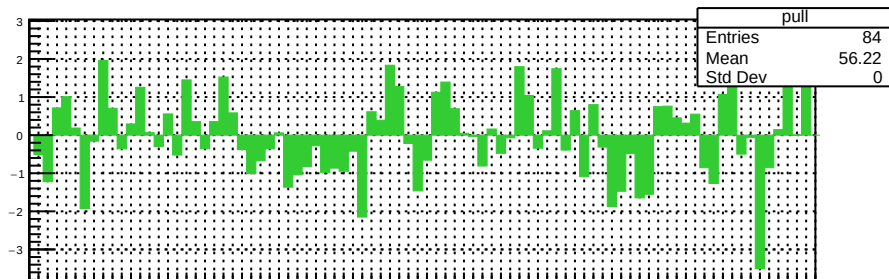
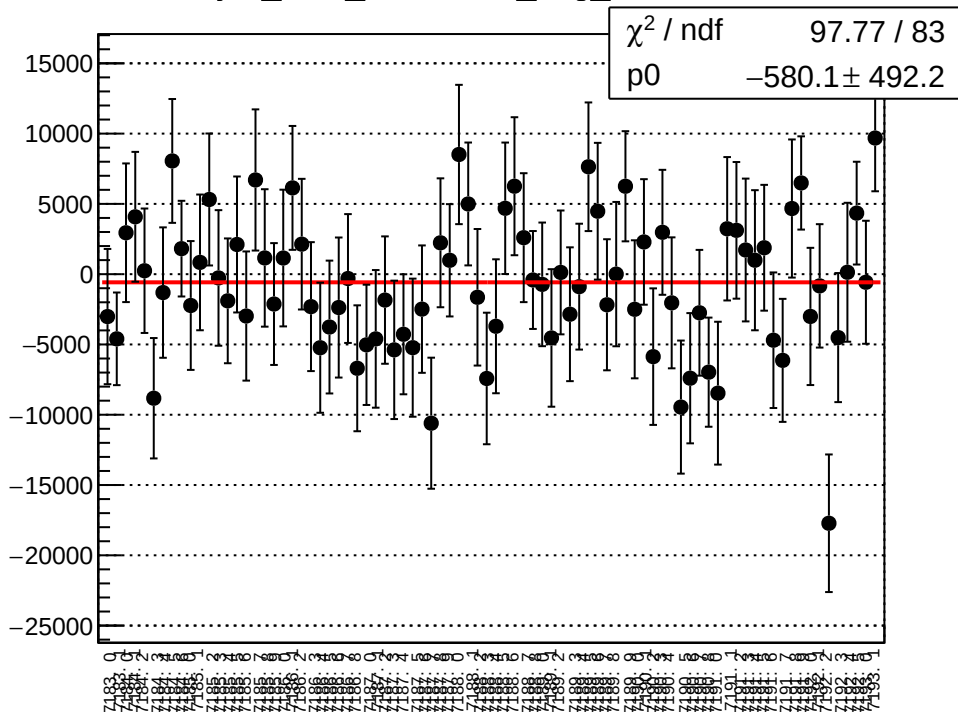
asym_sam_12345678_avg_eigen_dit_correction_mean vs un



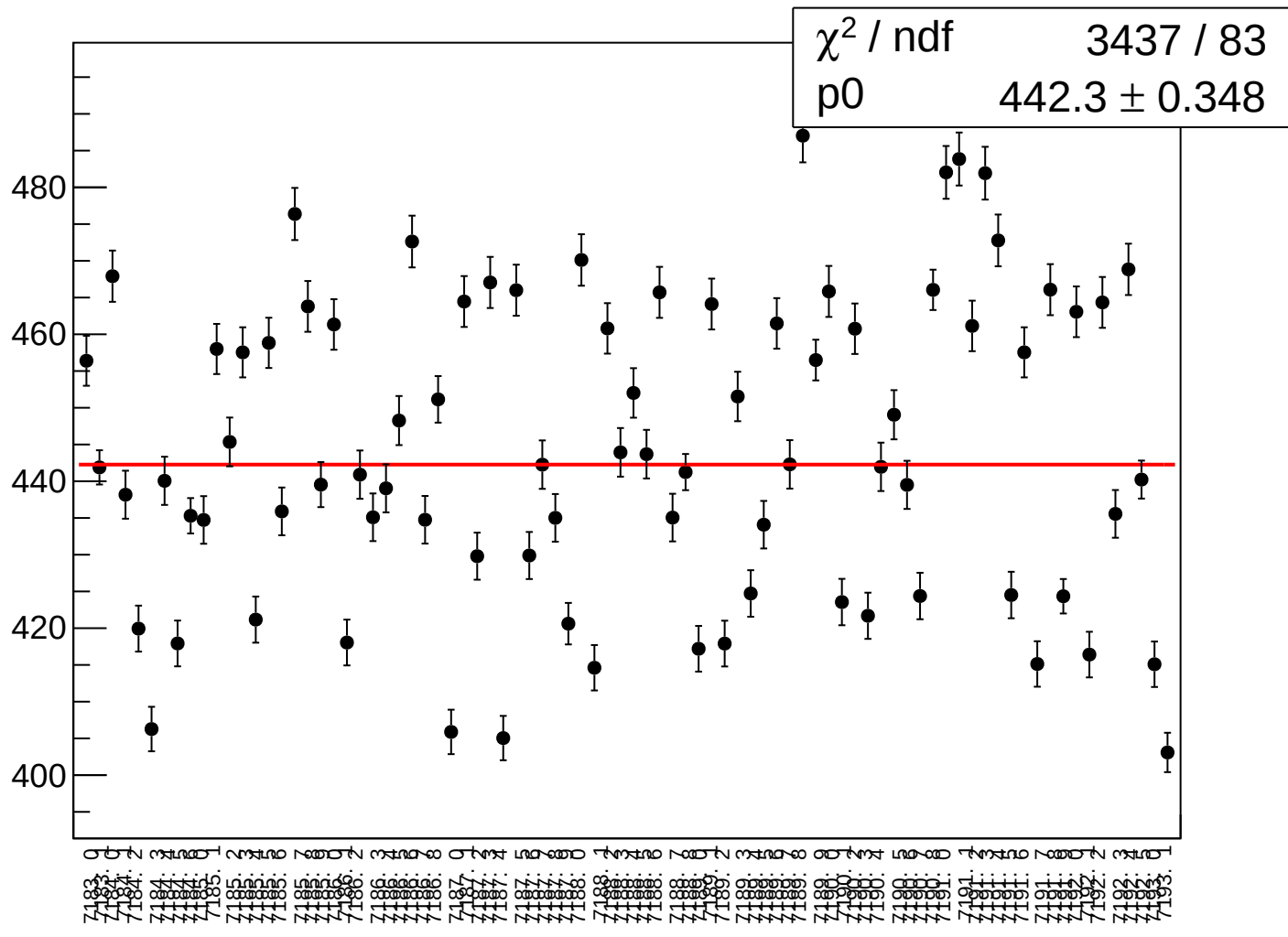
asym_sam_12345678_avg_eigen_dit_correction_rms vs run



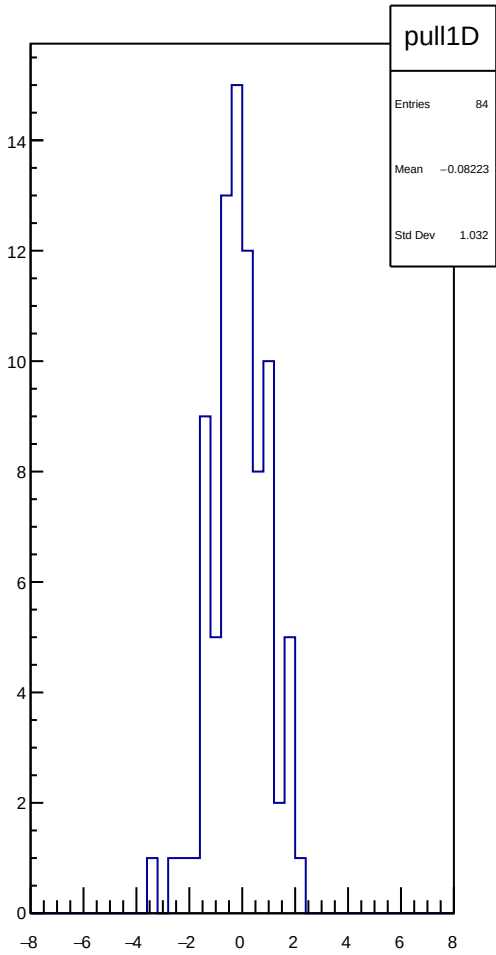
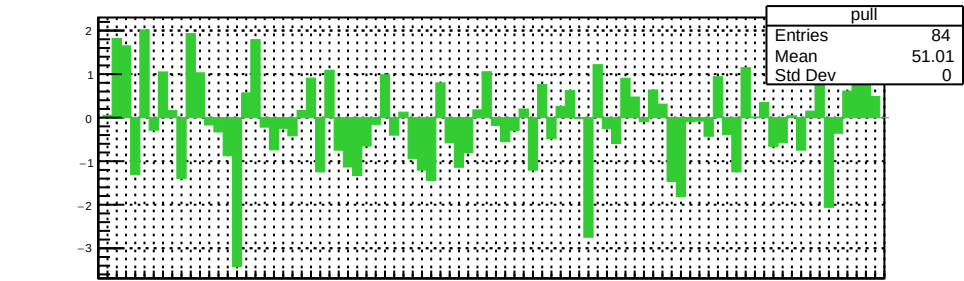
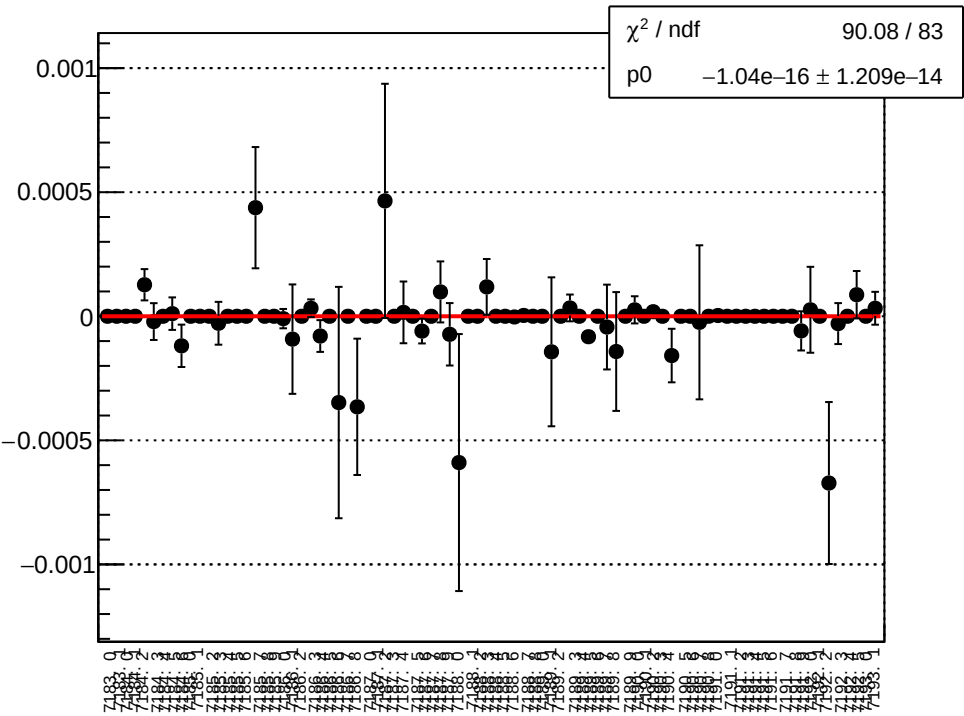
asym_sam_12345678_avg_mean vs run



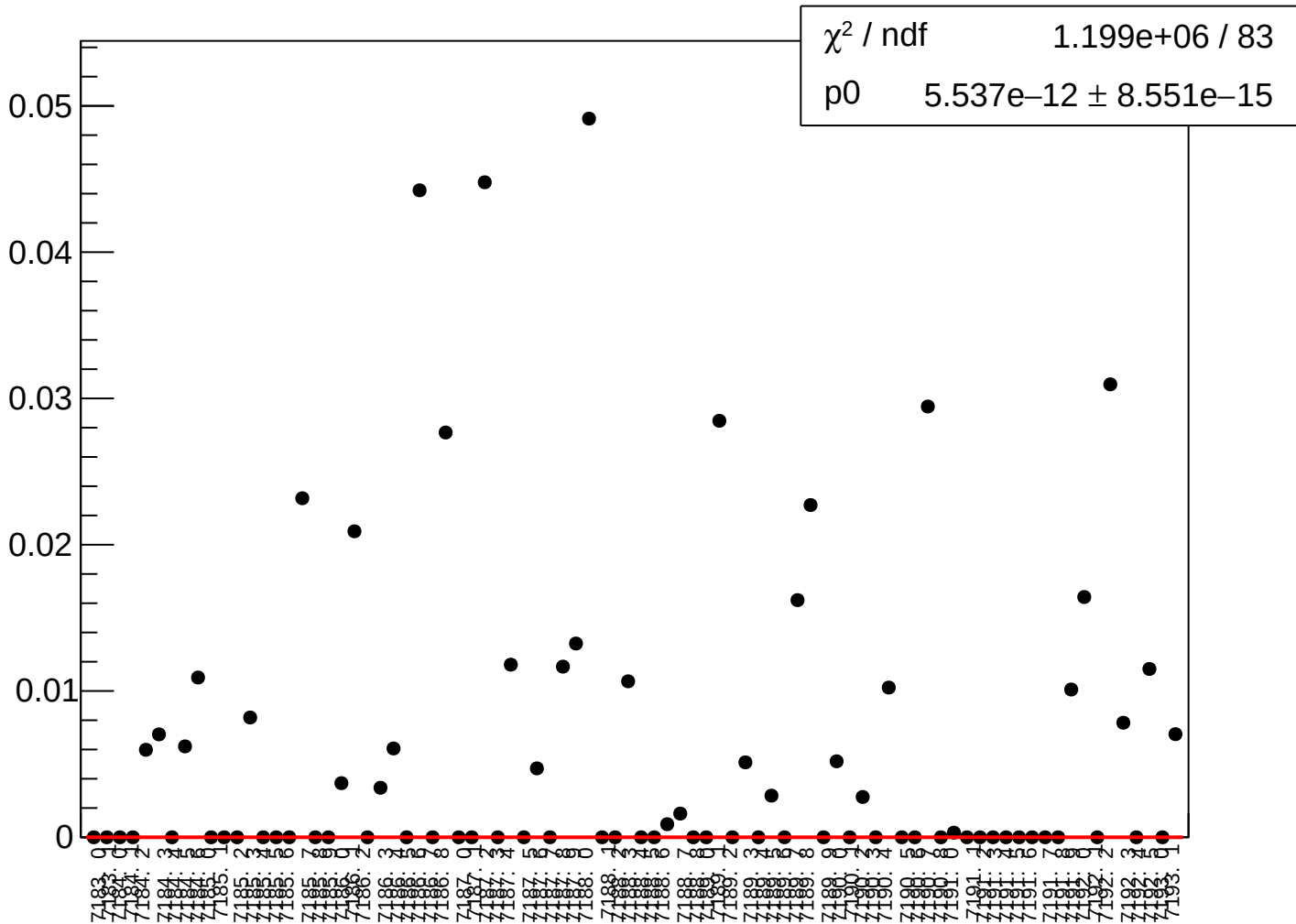
asym_sam_12345678_avg_rms vs run



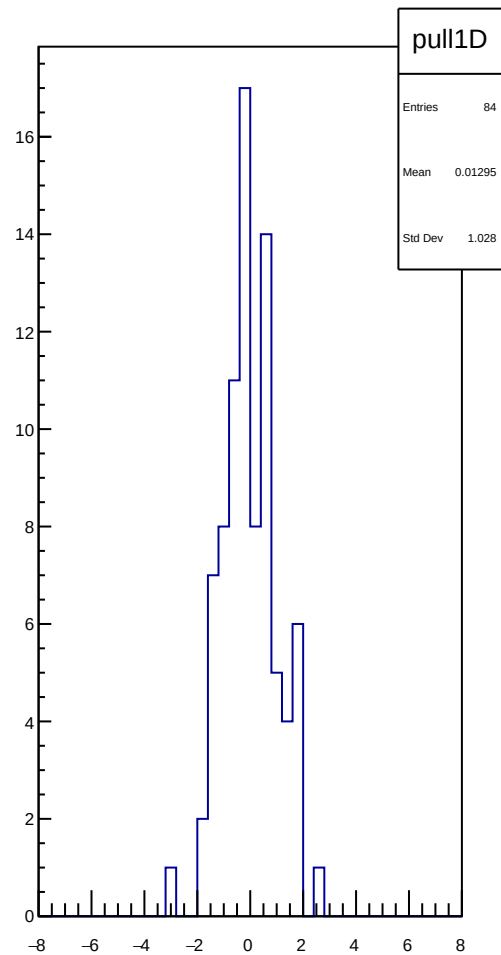
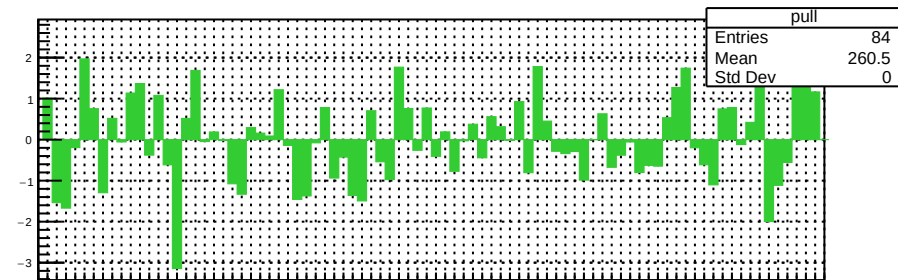
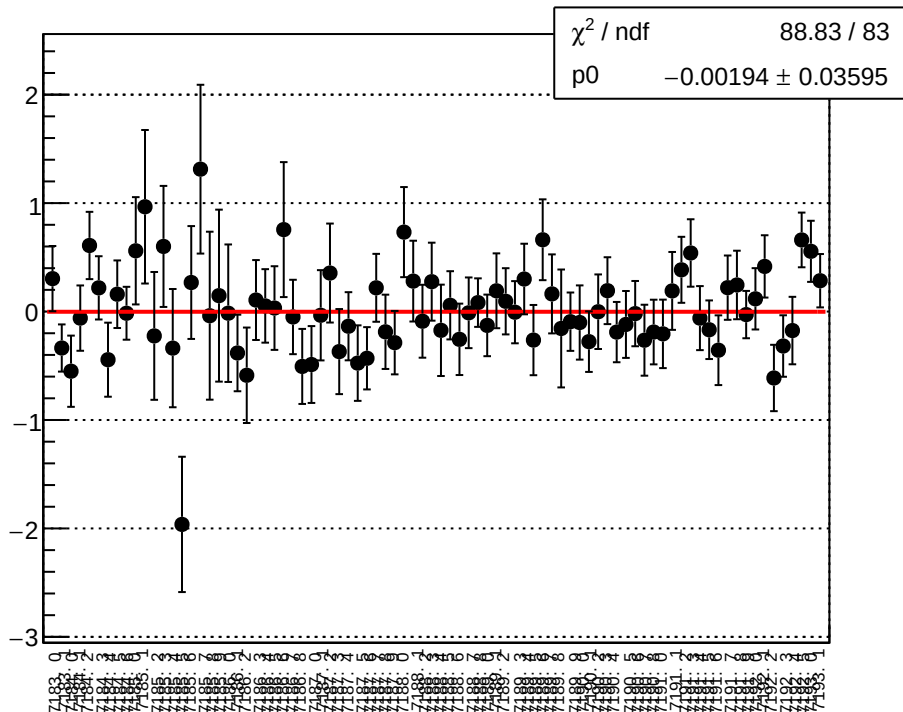
asym_sam_12345678_avg_reg_vs_cor_diff_mean vs run



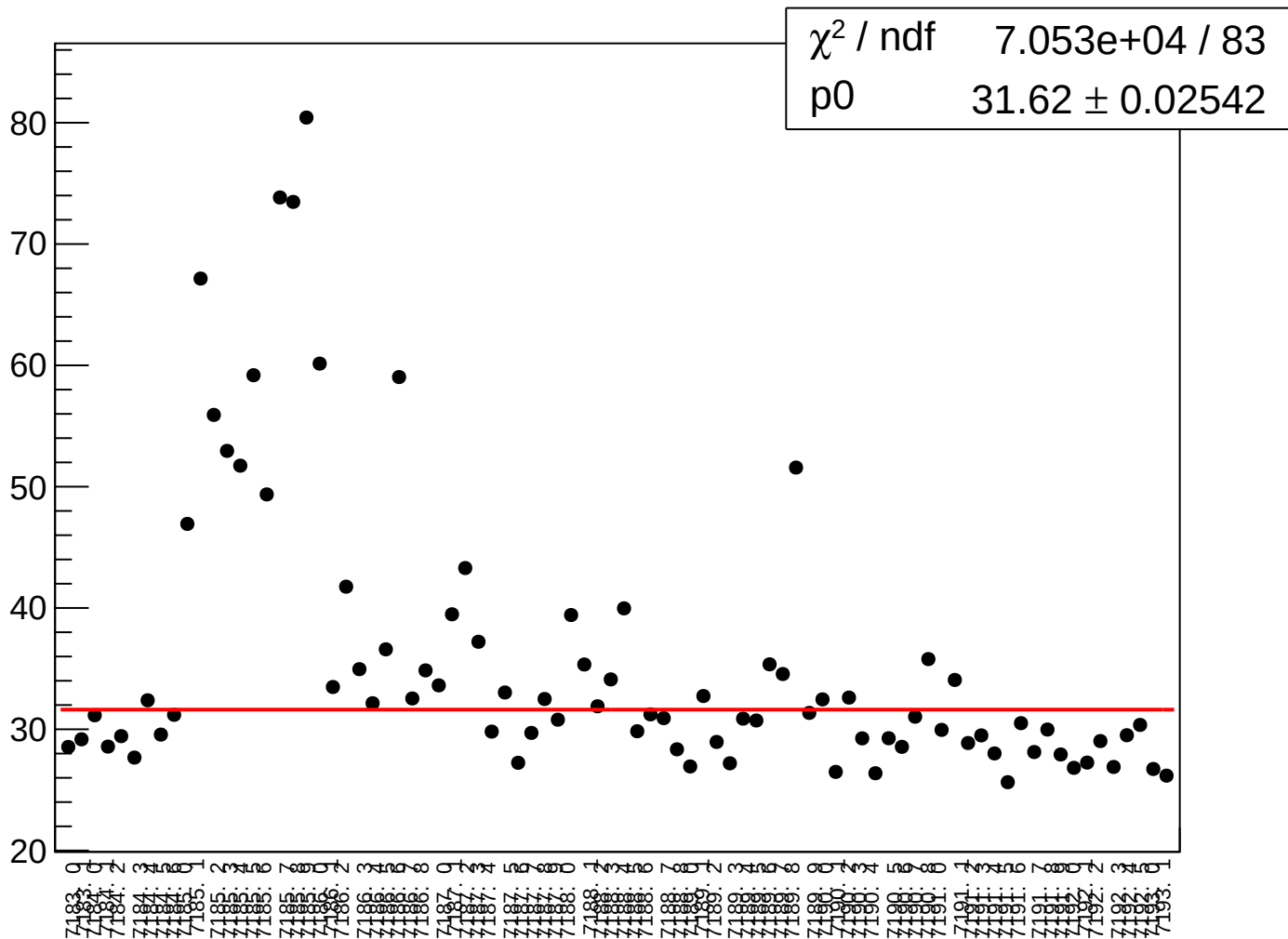
asym_sam_12345678_avg_reg_vs_cor_diff_rms vs run



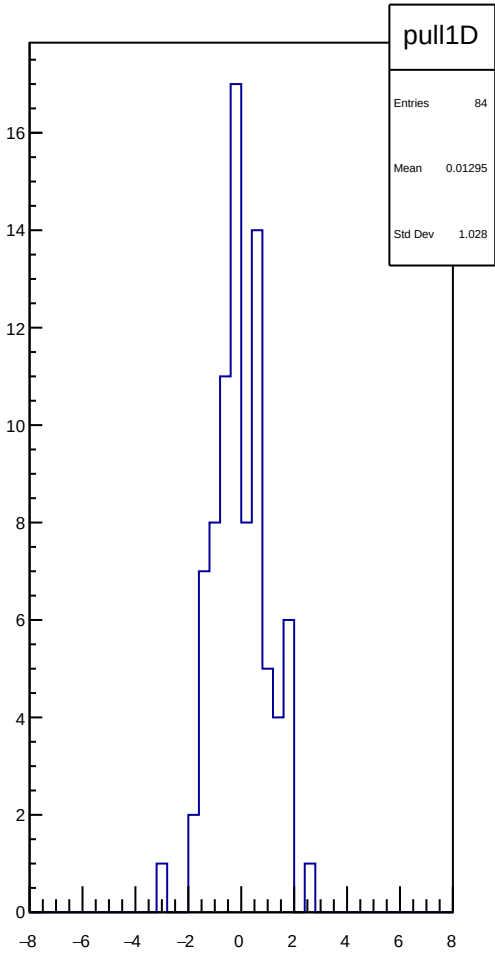
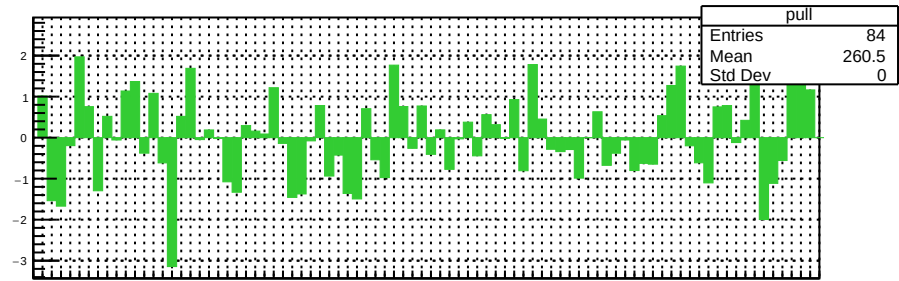
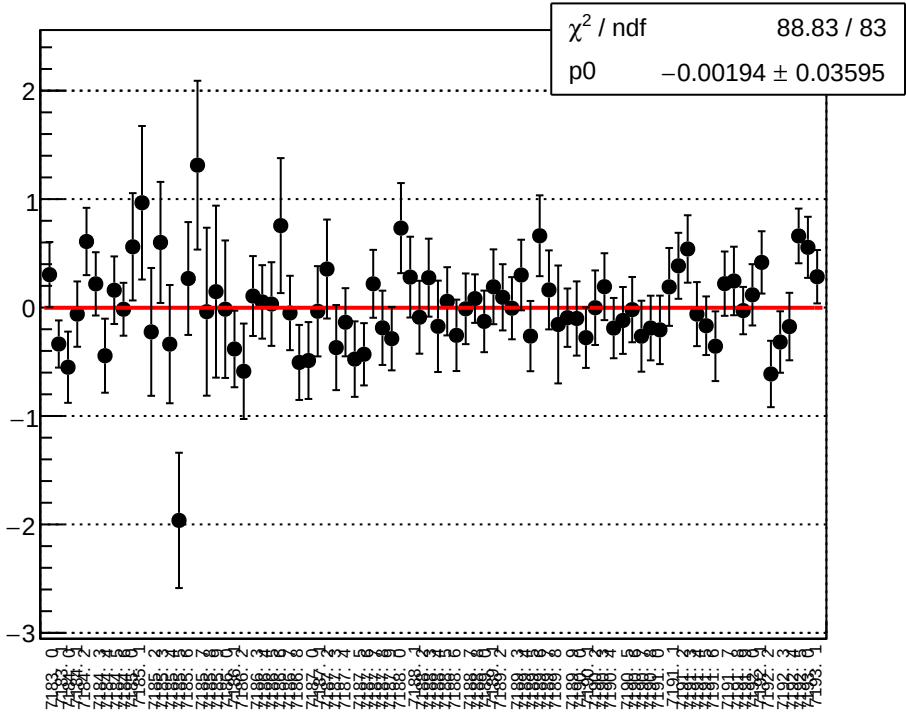
asym_sam_12345678_avg_dit_vs_cor_diff_mean vs run



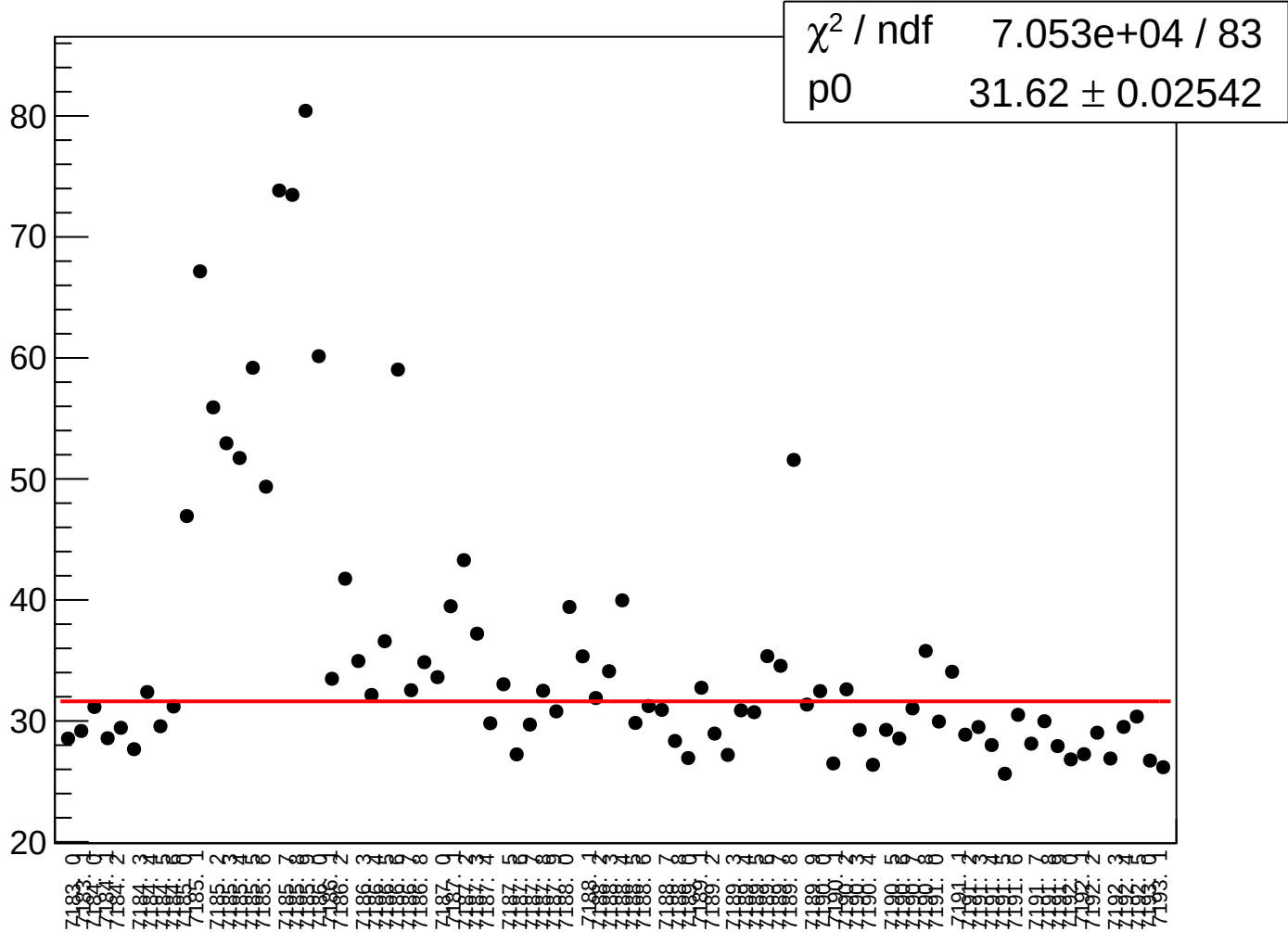
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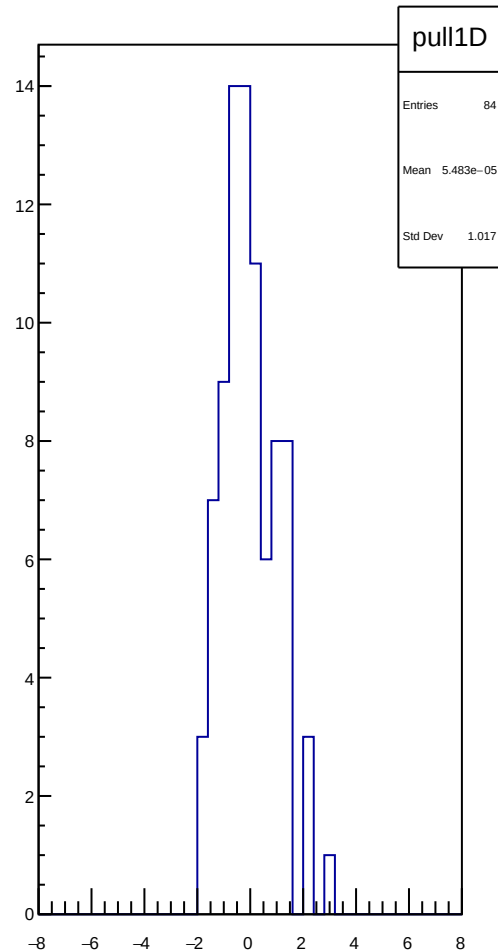
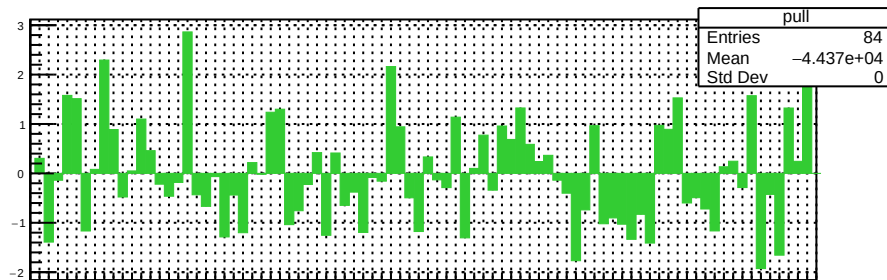
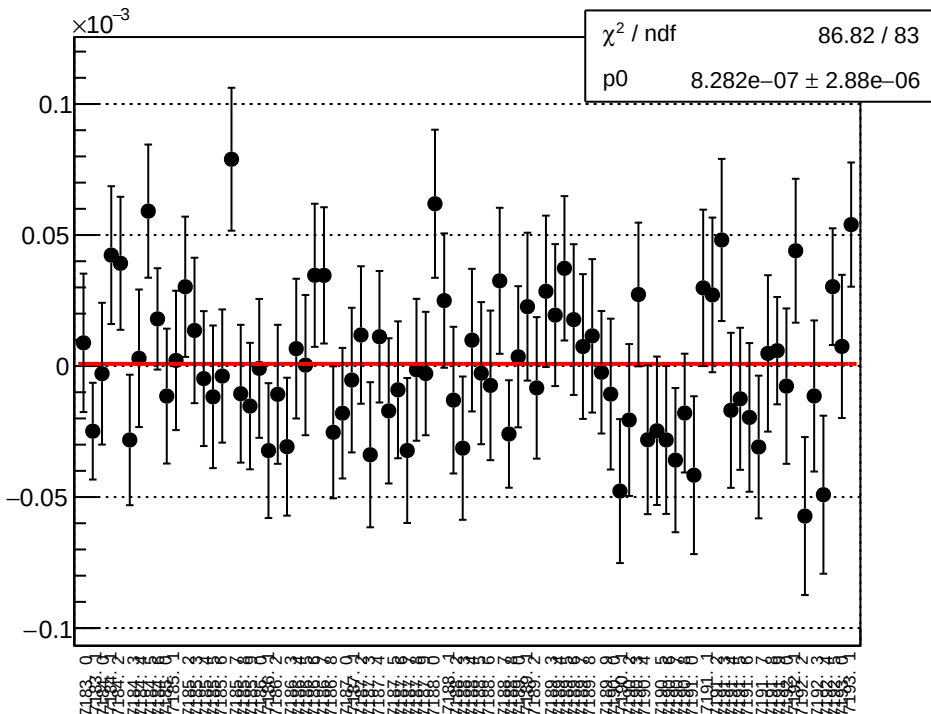
asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs run



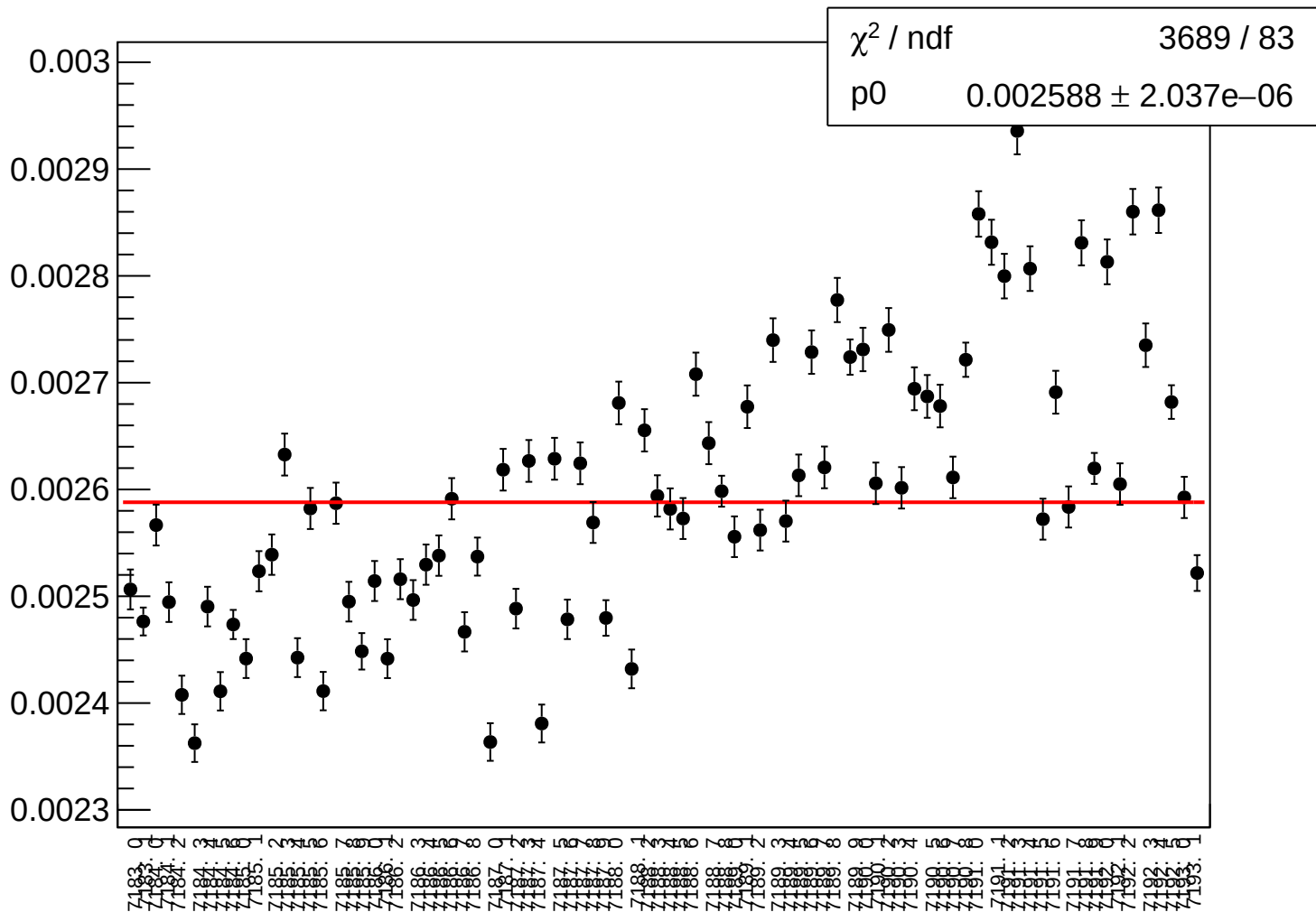
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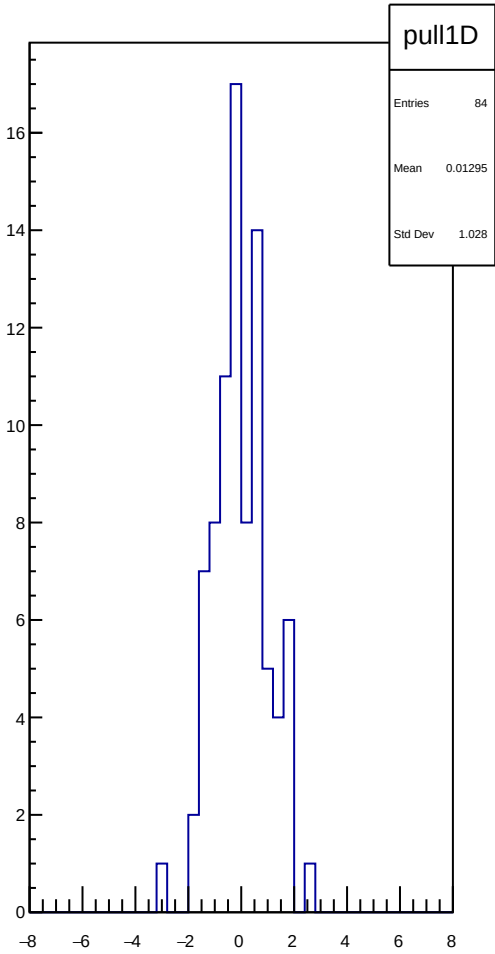
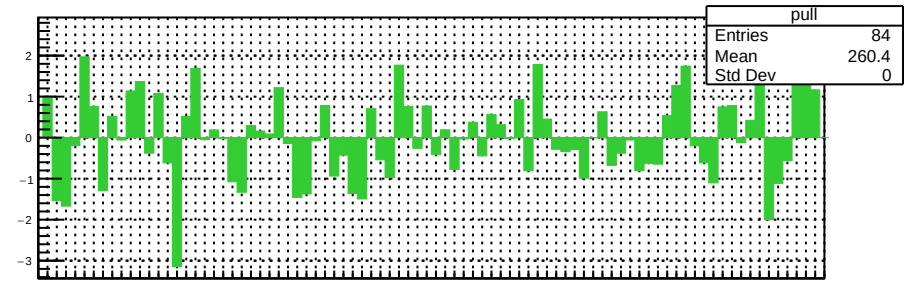
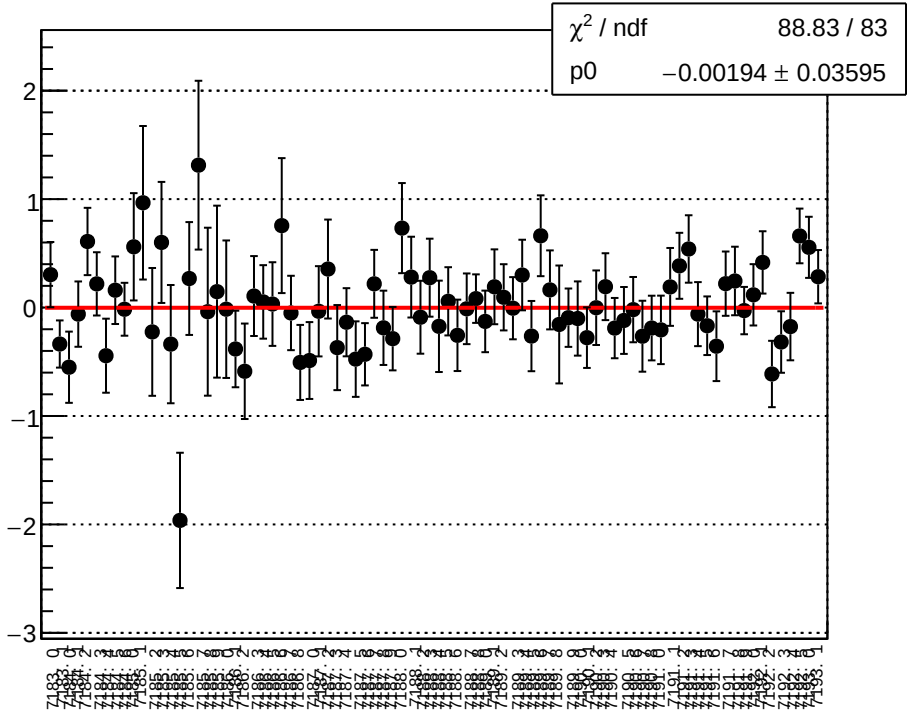
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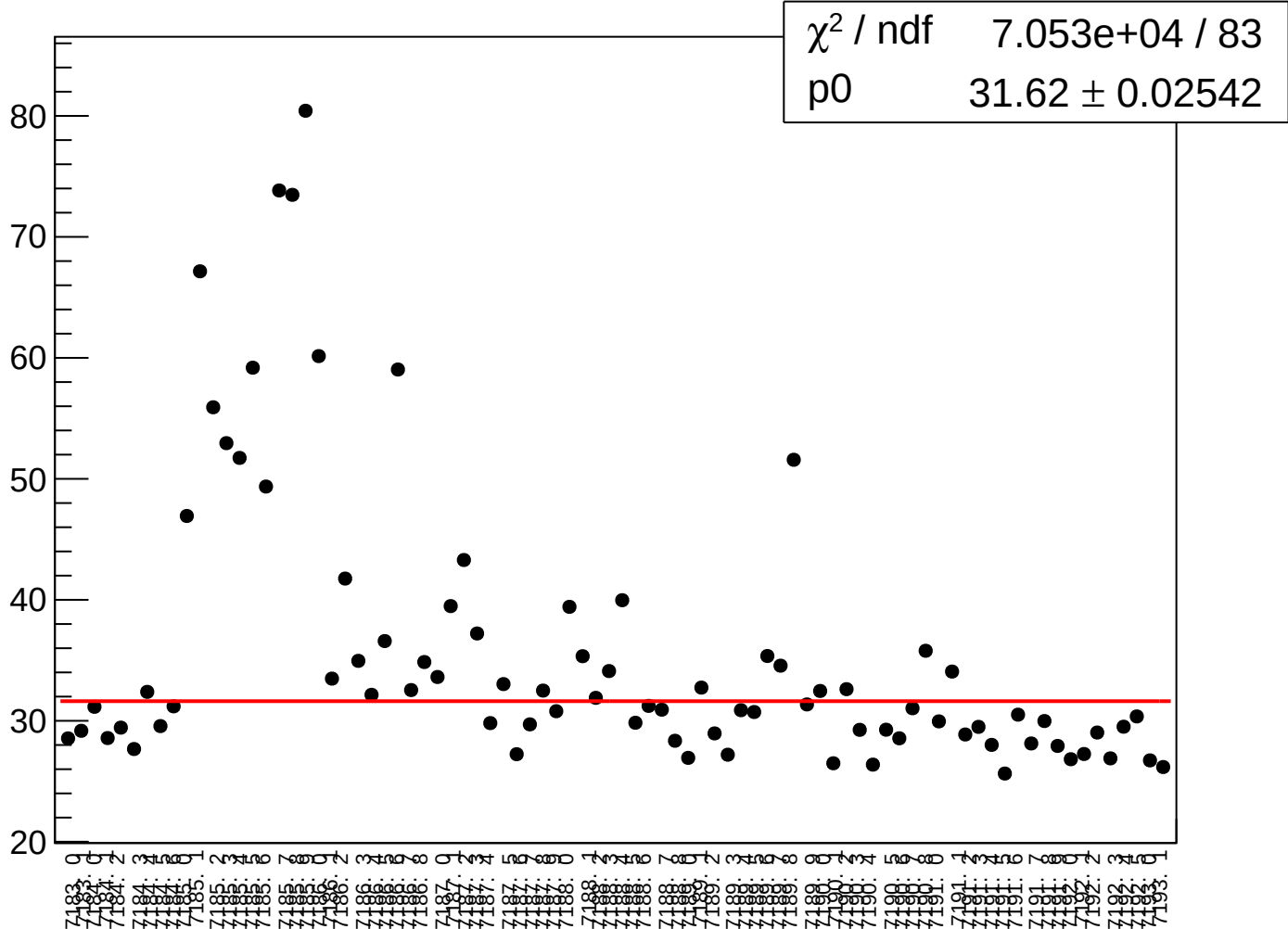
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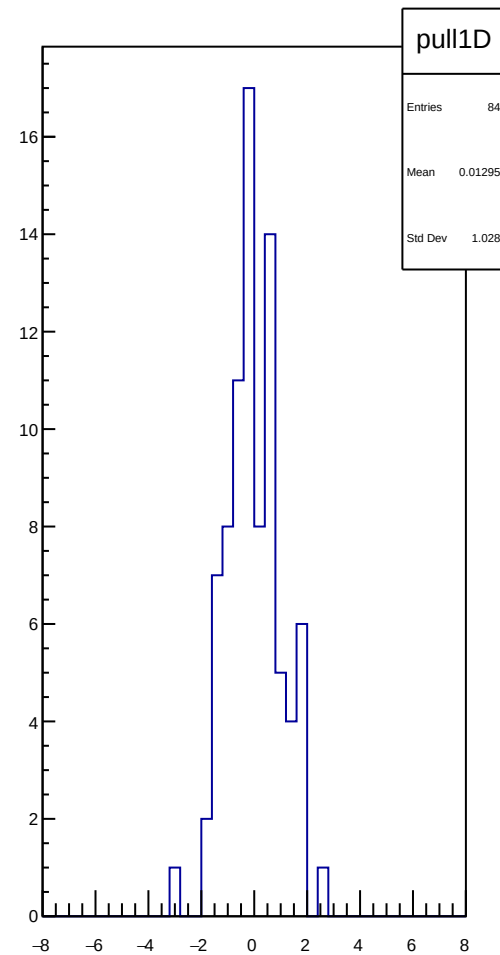
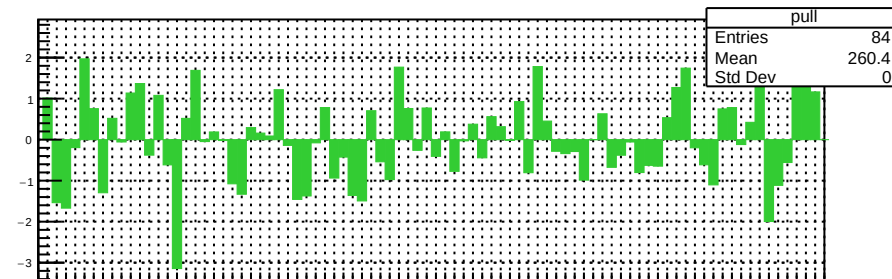
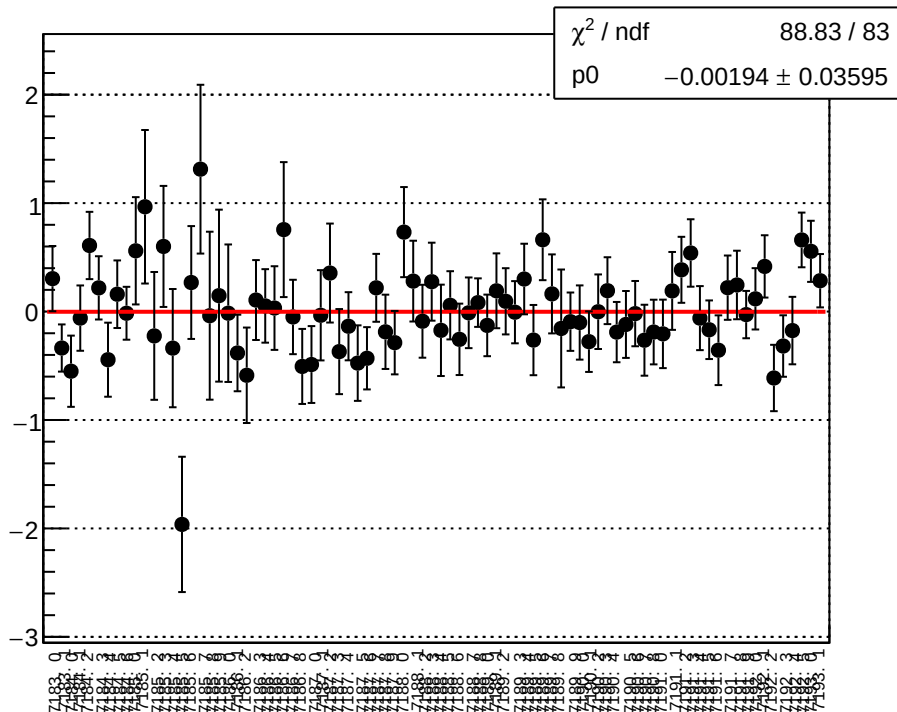
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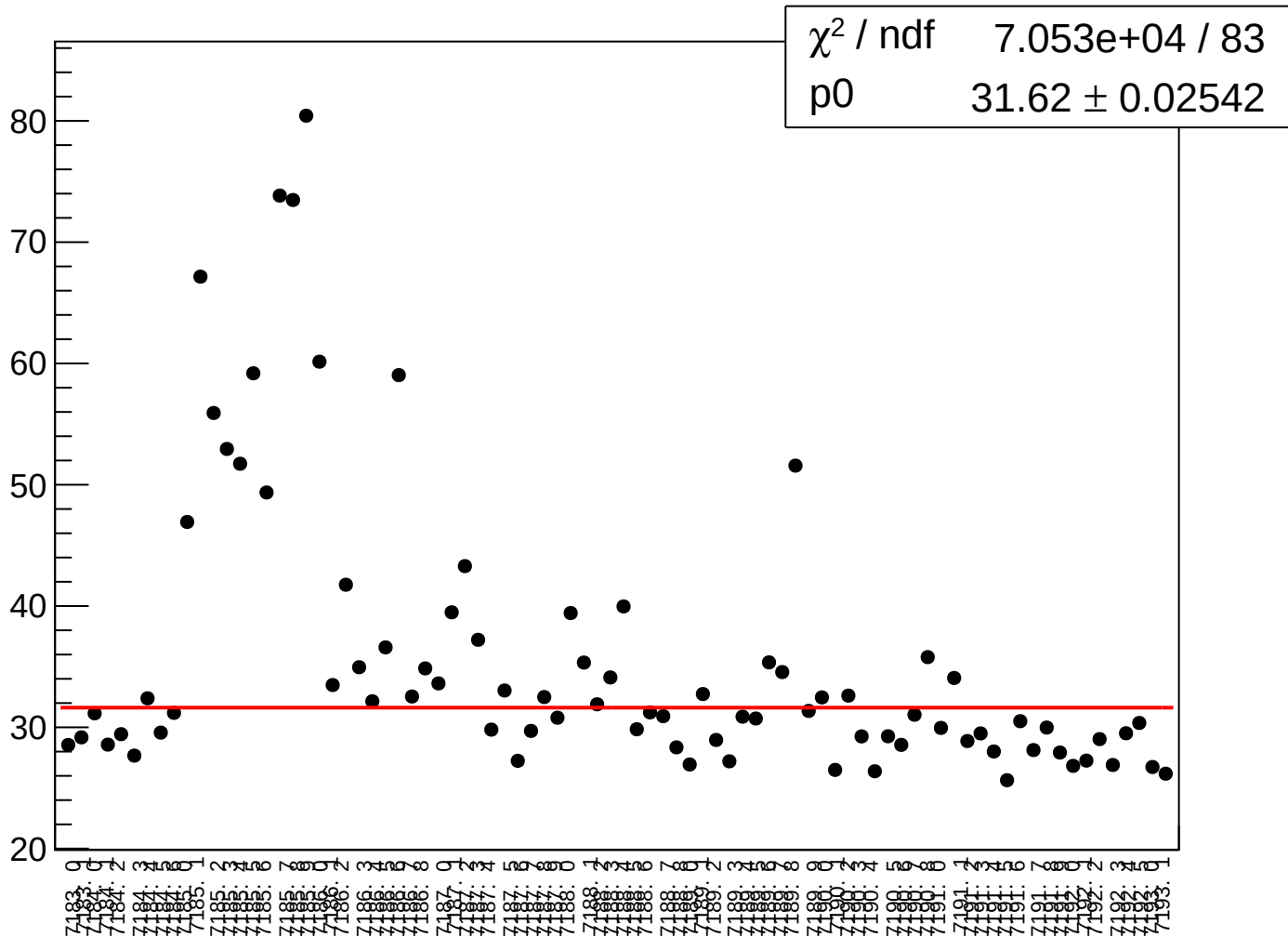
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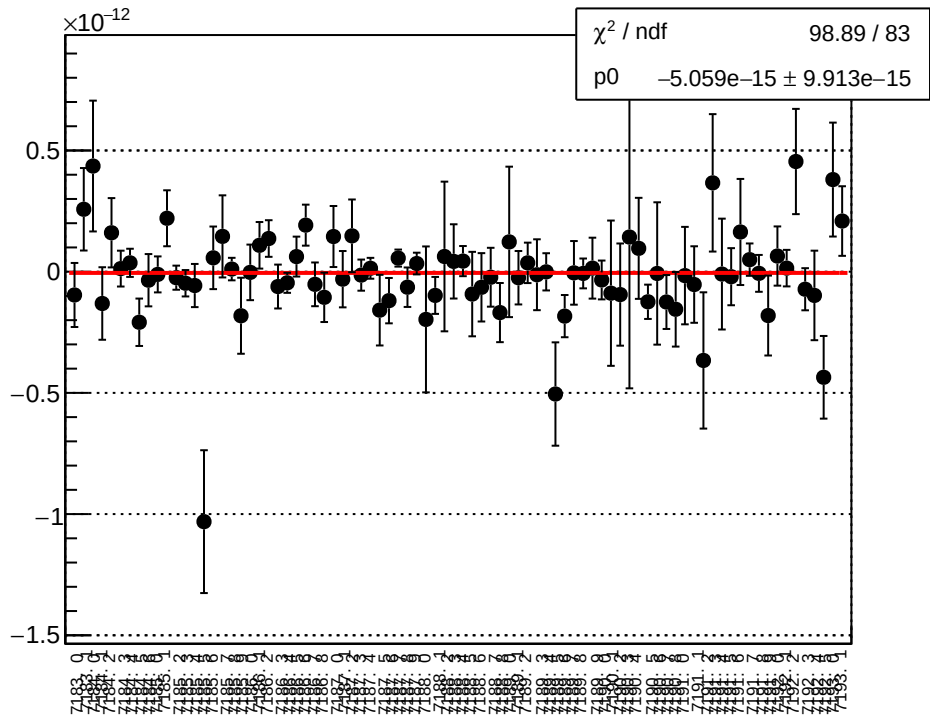
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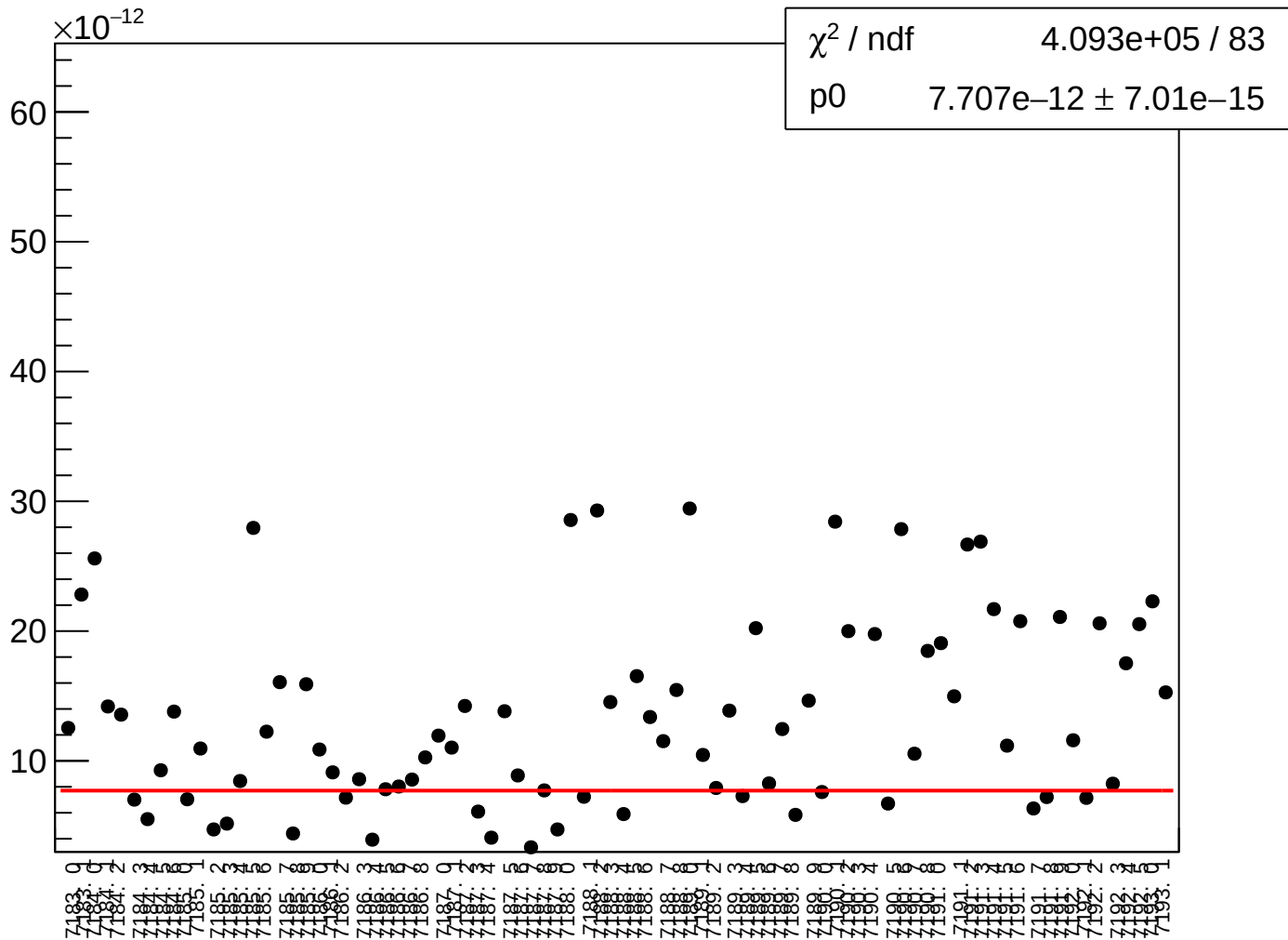
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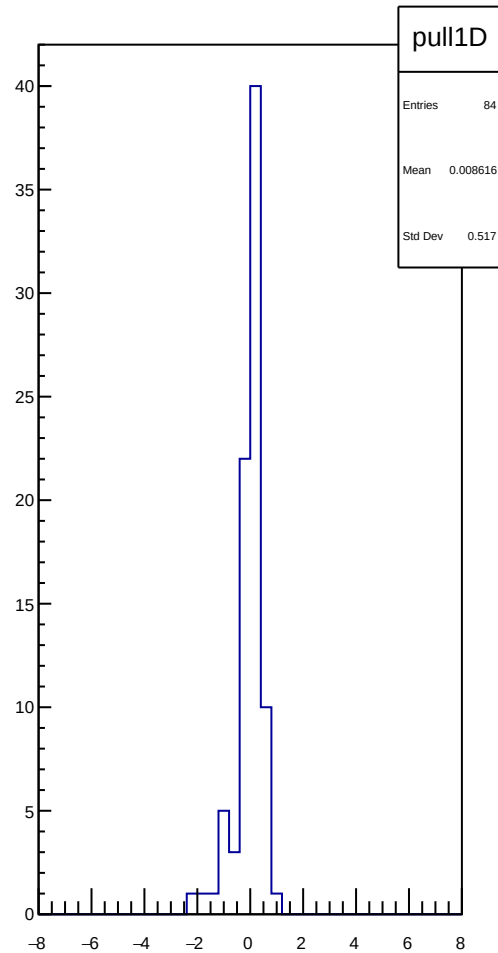
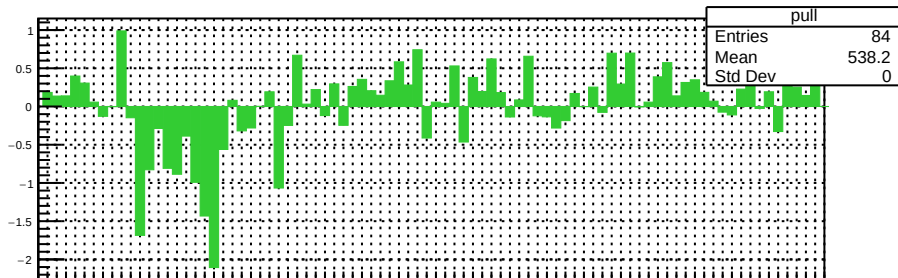
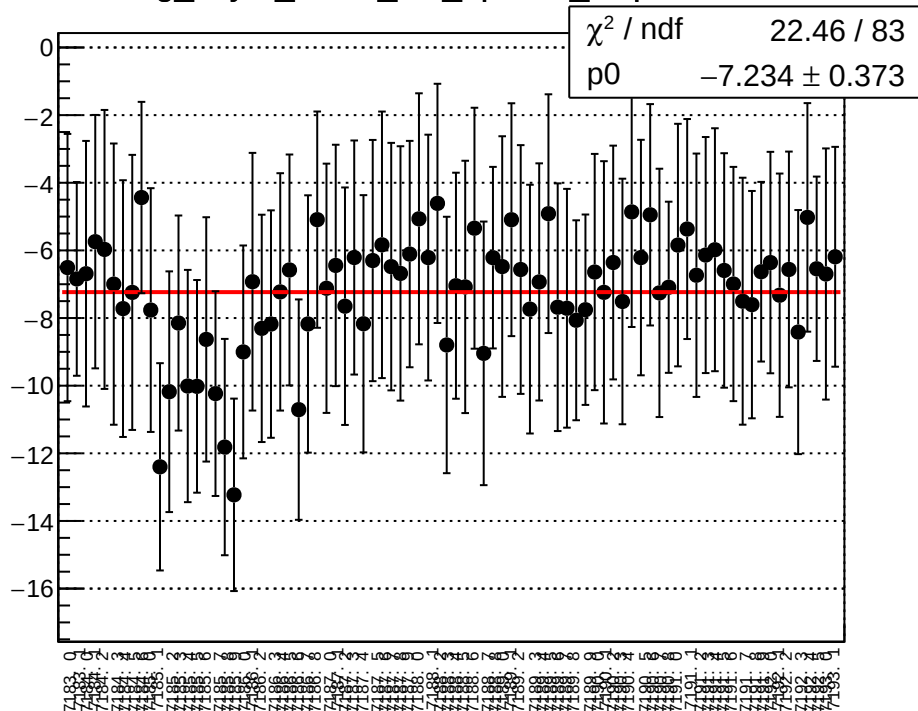
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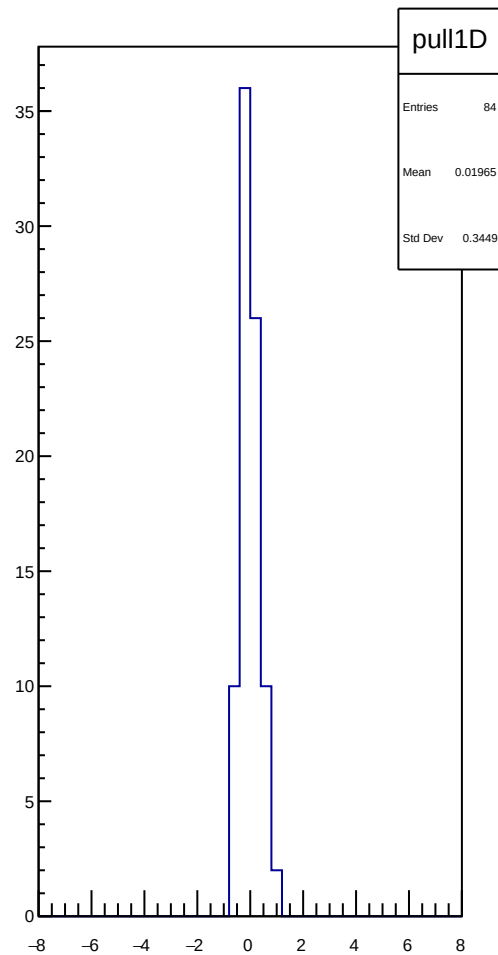
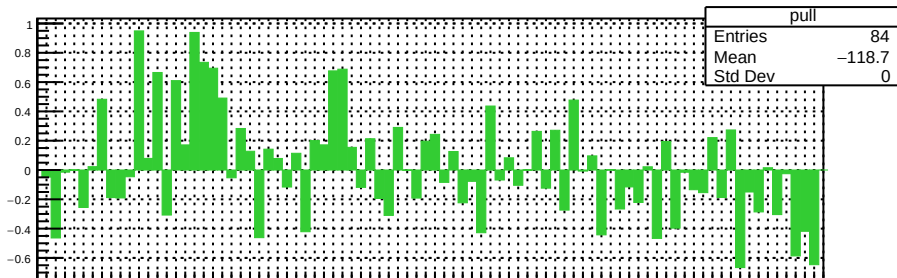
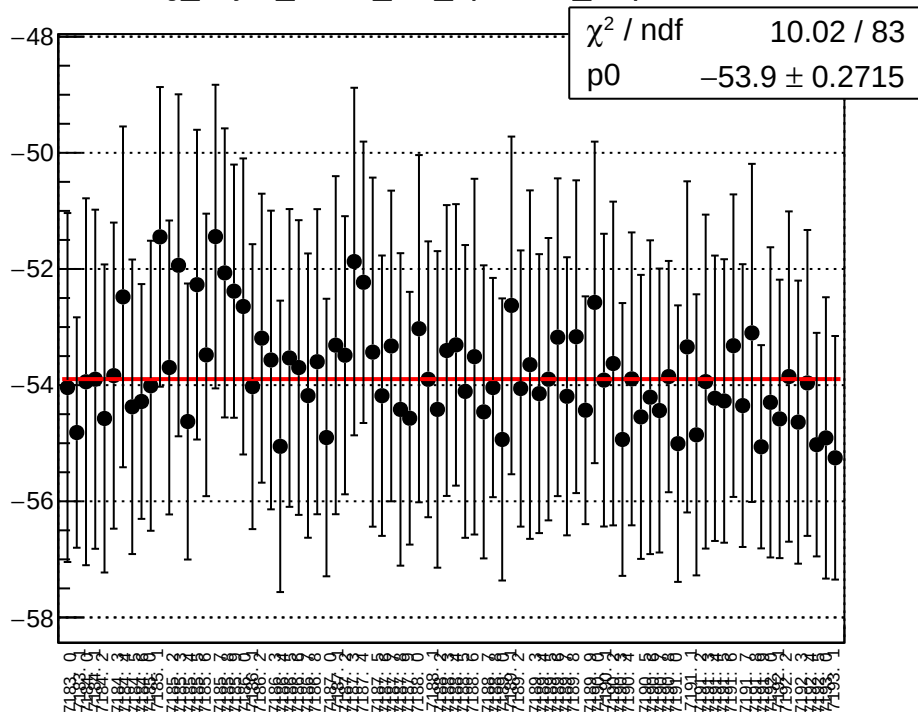
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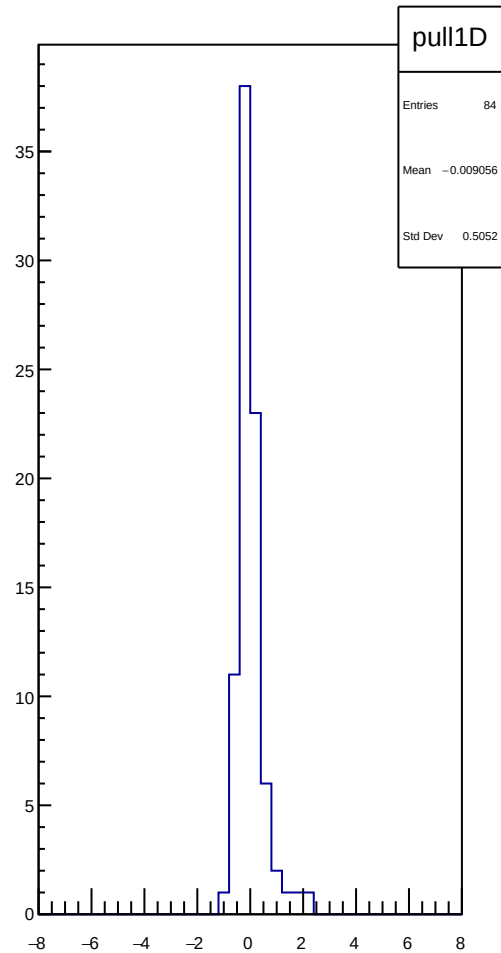
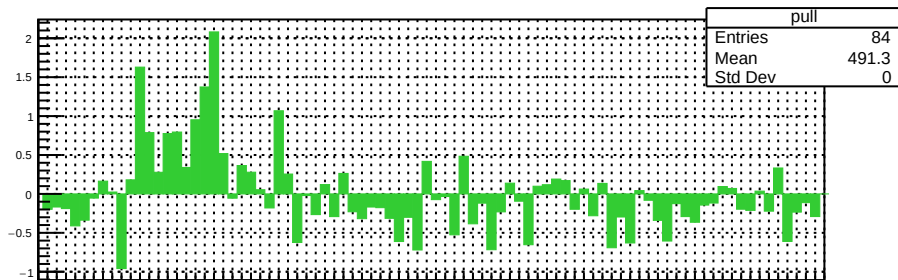
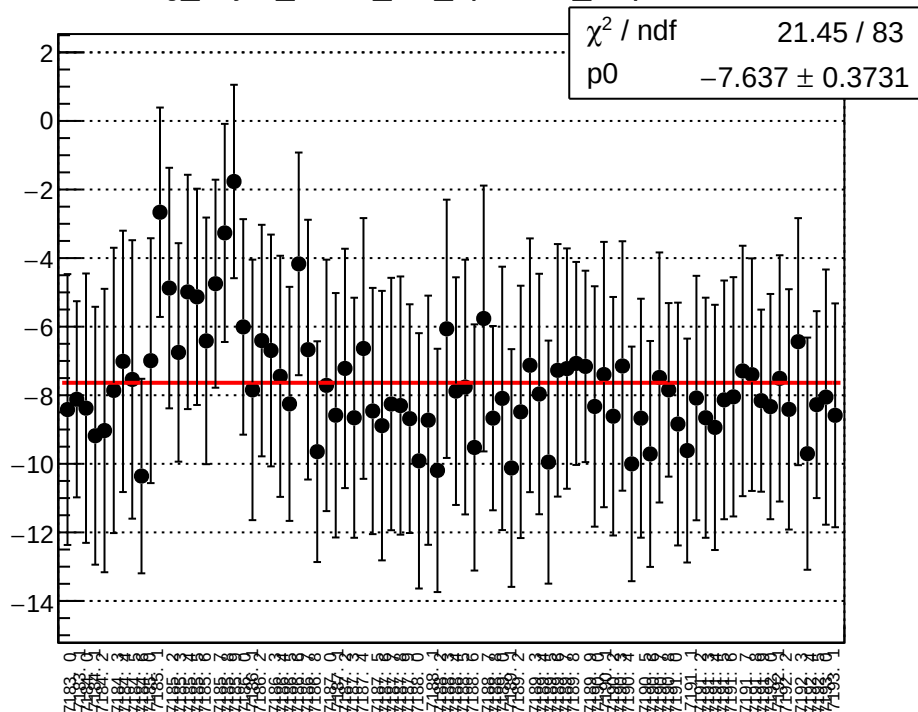
reg_asym_sam1_diff_bpm1X_slope vs run



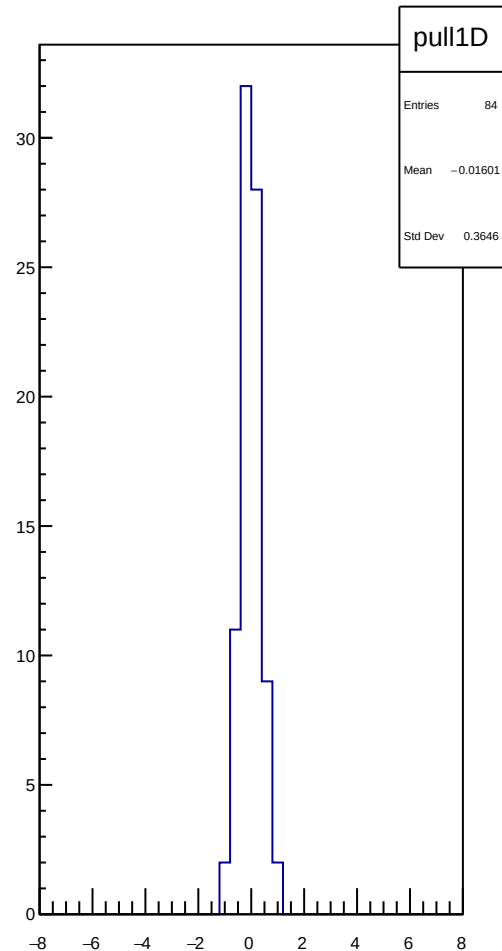
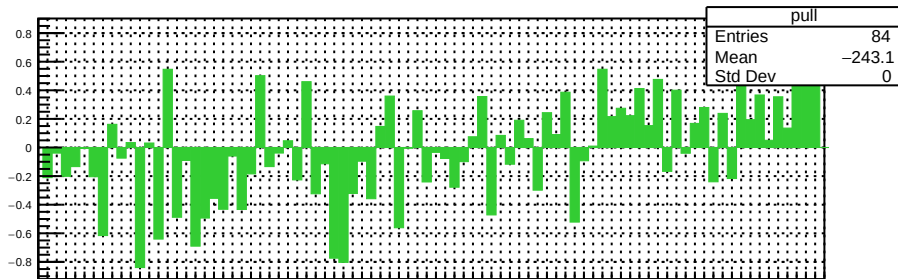
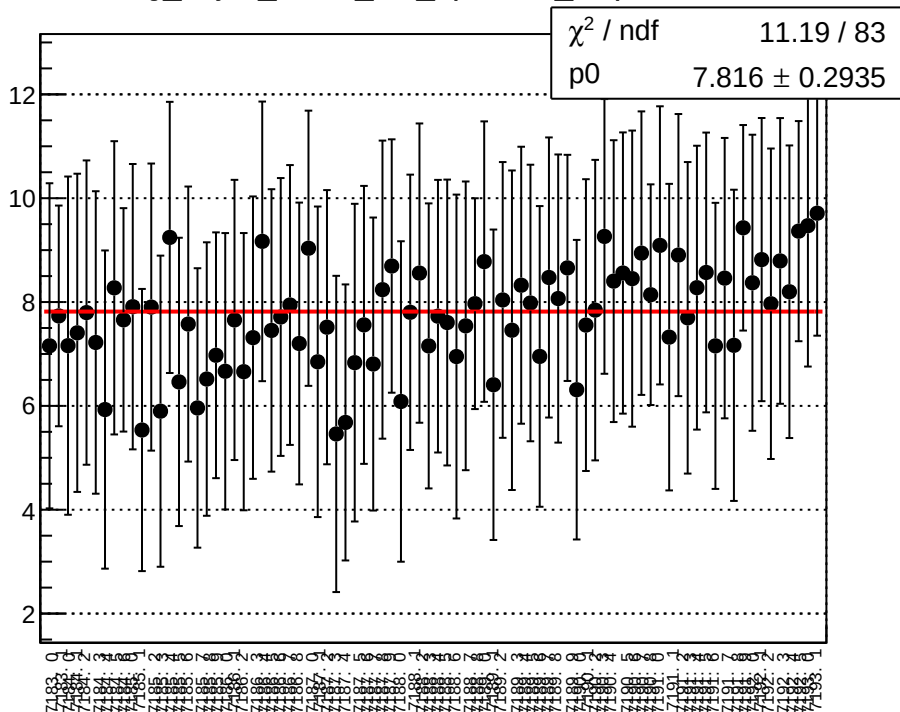
reg_asym_sam1_diff_bpm4aY_slope vs run



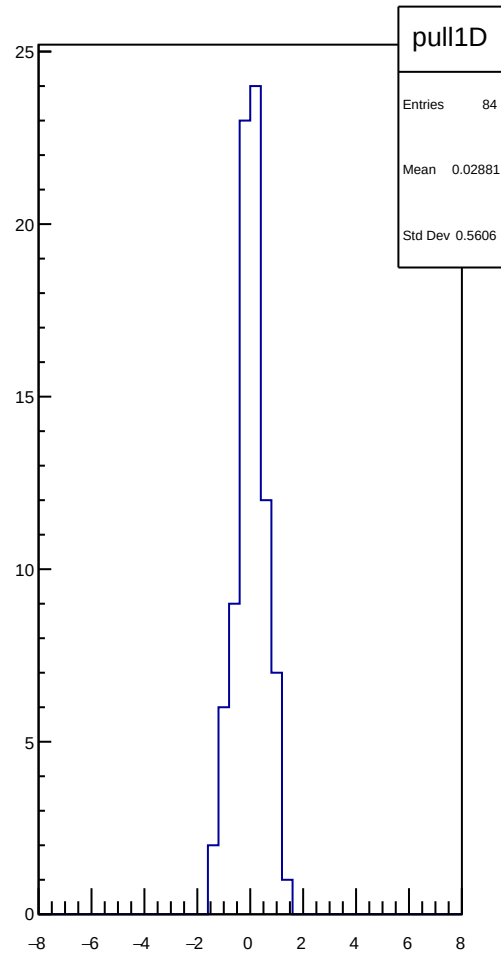
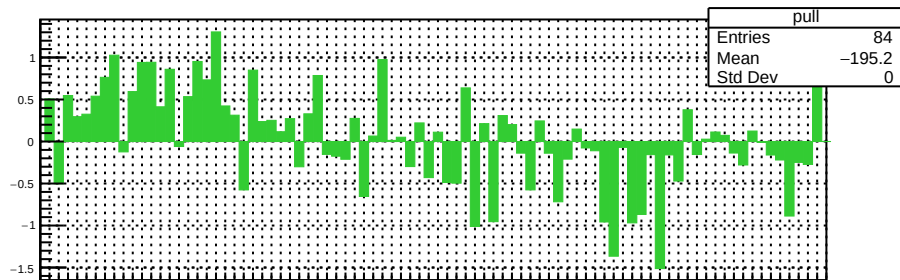
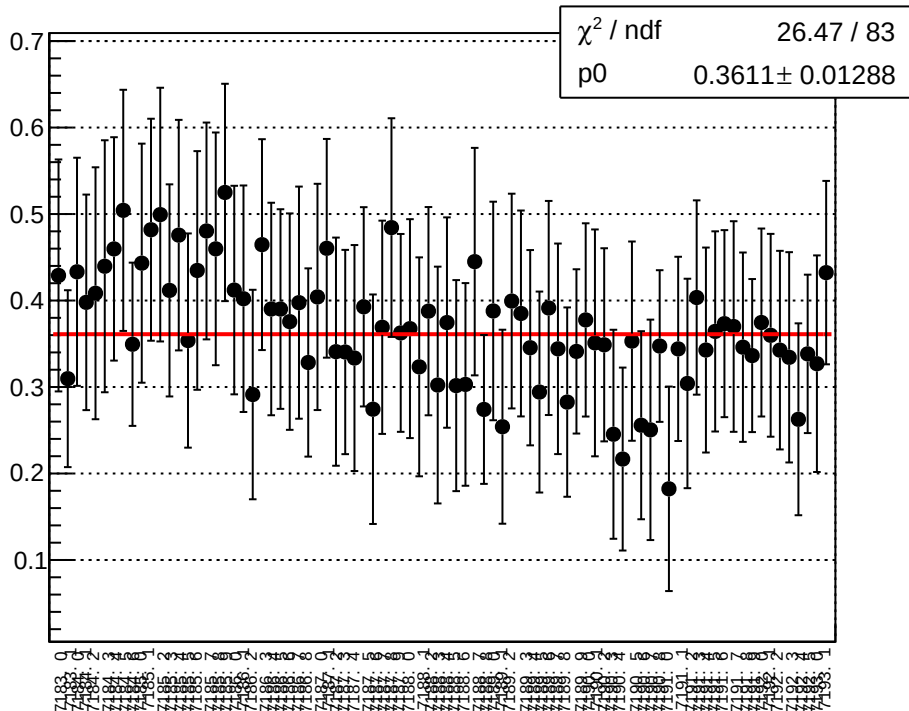
reg_asym_sam1_diff_bpm4eX_slope vs run



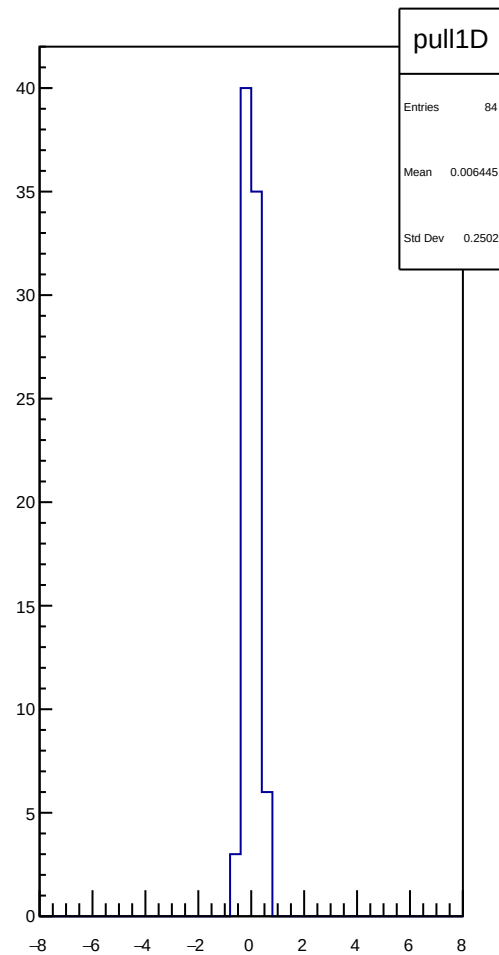
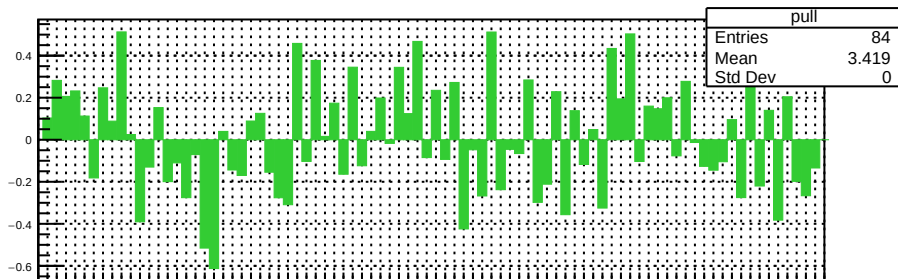
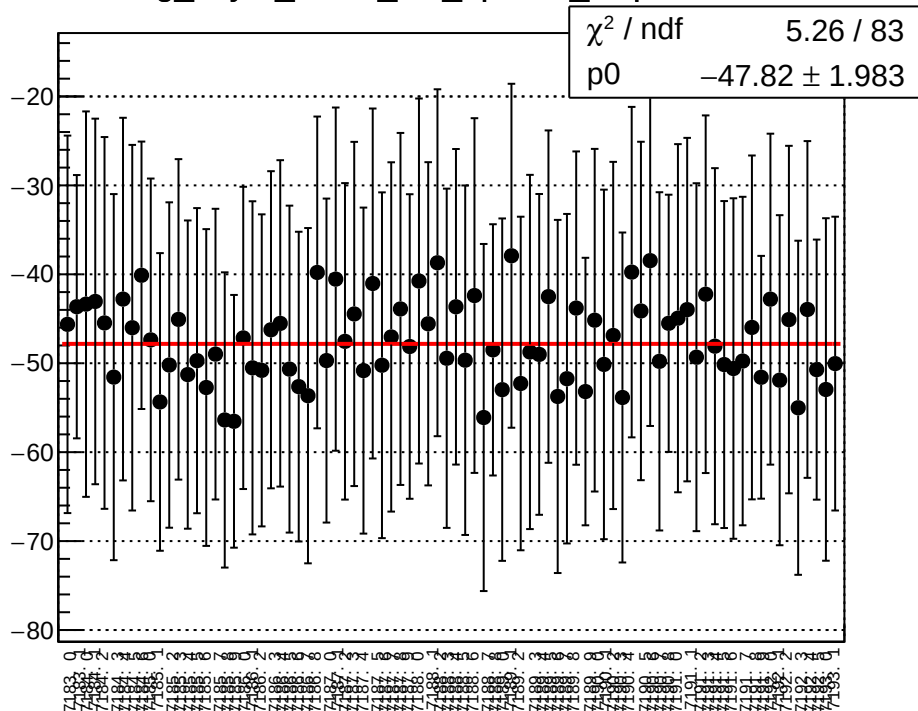
reg_asym_sam1_diff_bpm4eY_slope vs run



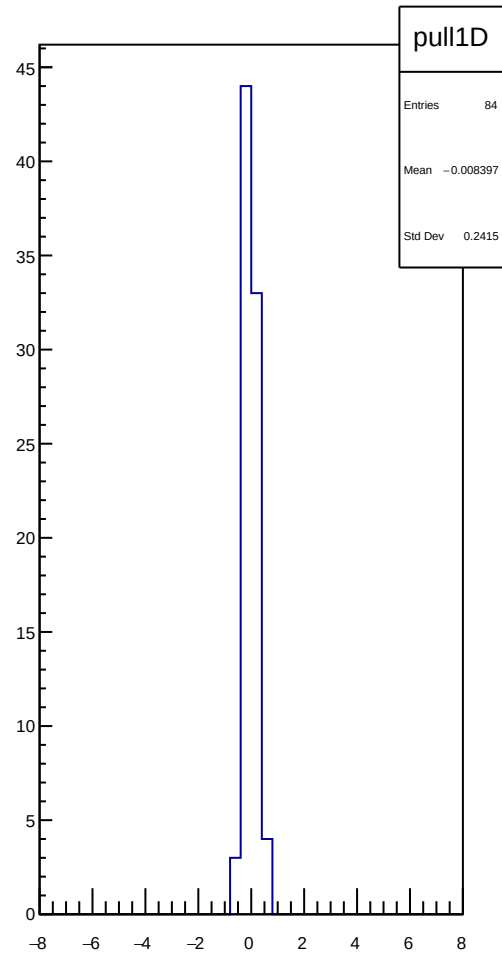
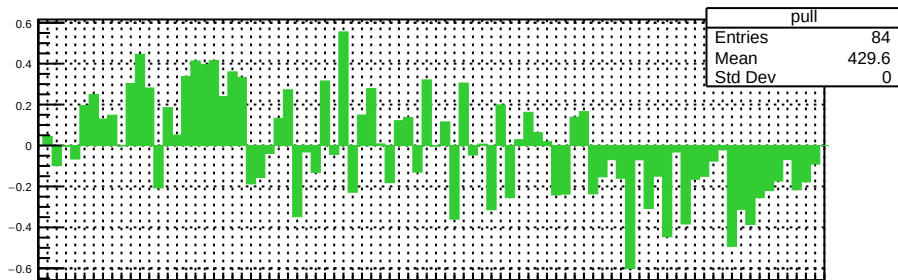
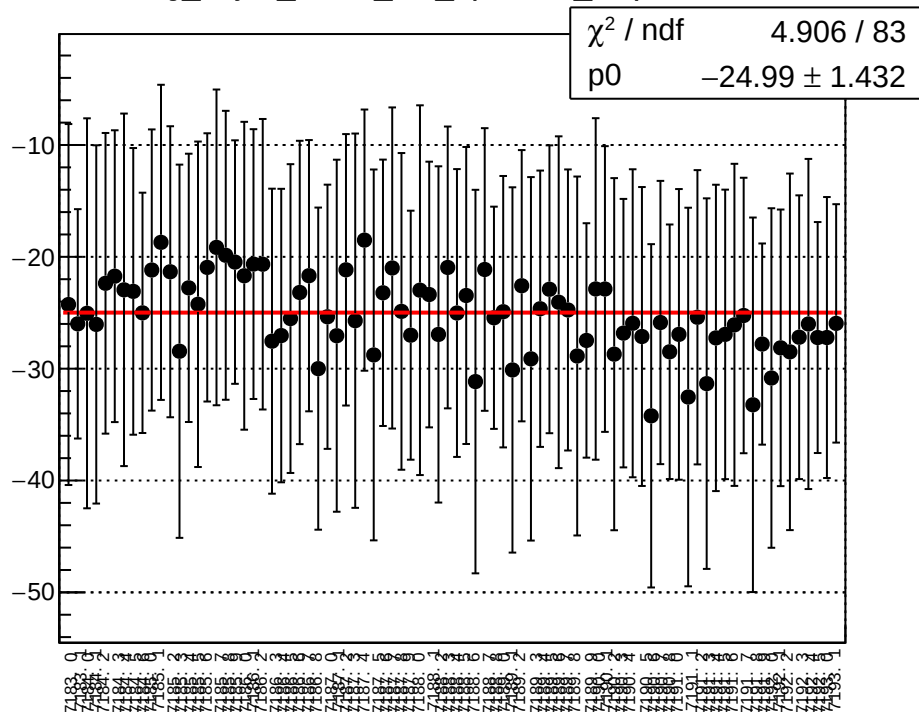
reg_asym_sam1_diff_bpm12X_slope vs run



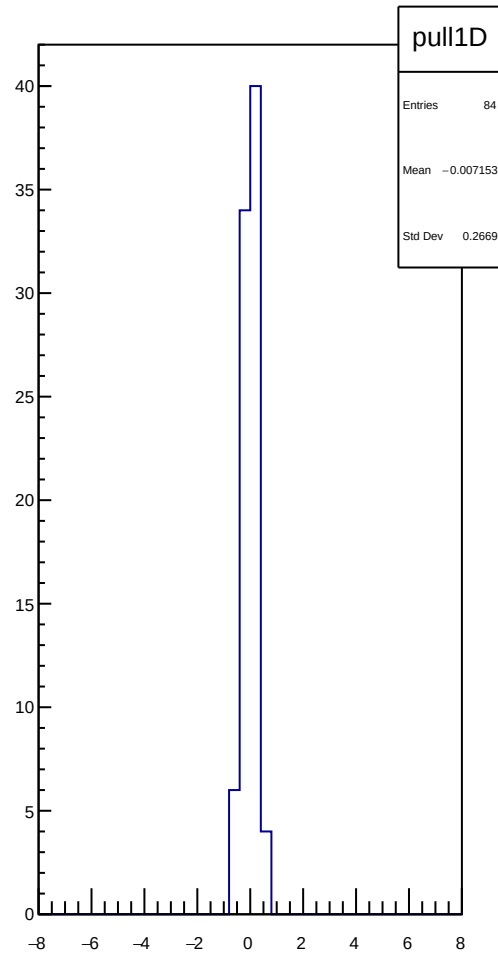
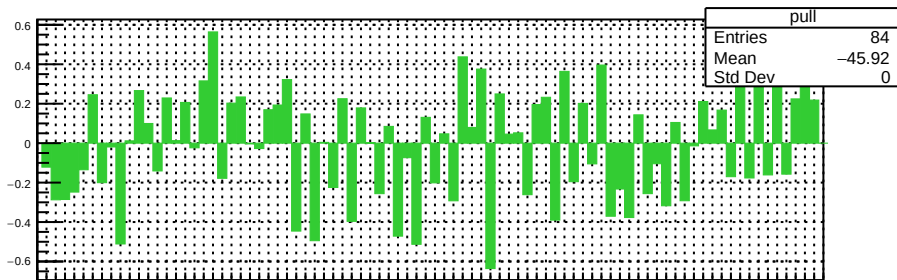
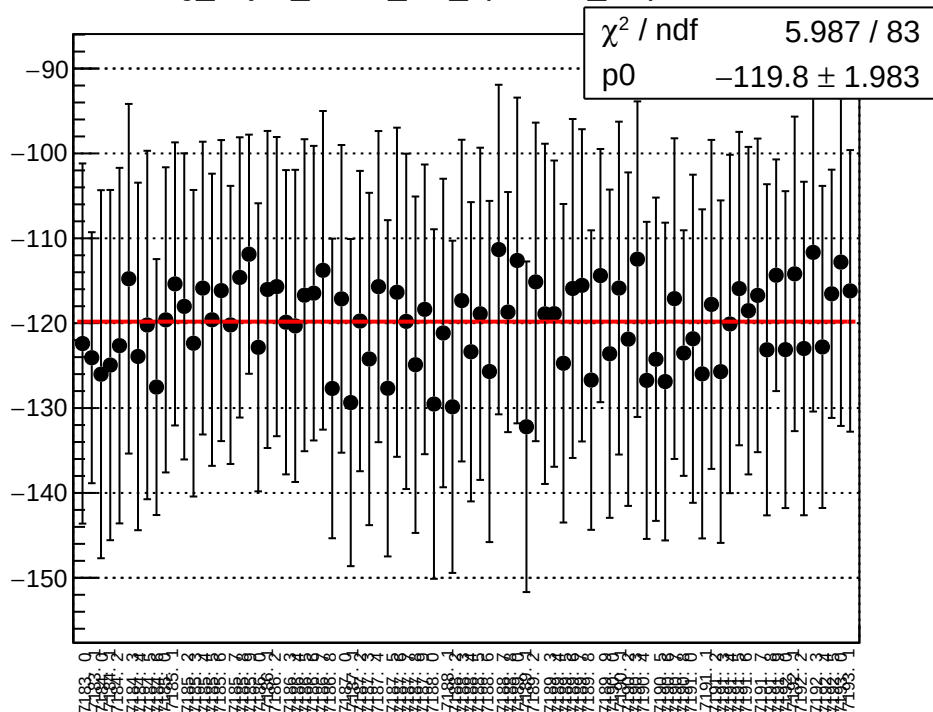
reg_asym_sam2_diff_bpm1X_slope vs run



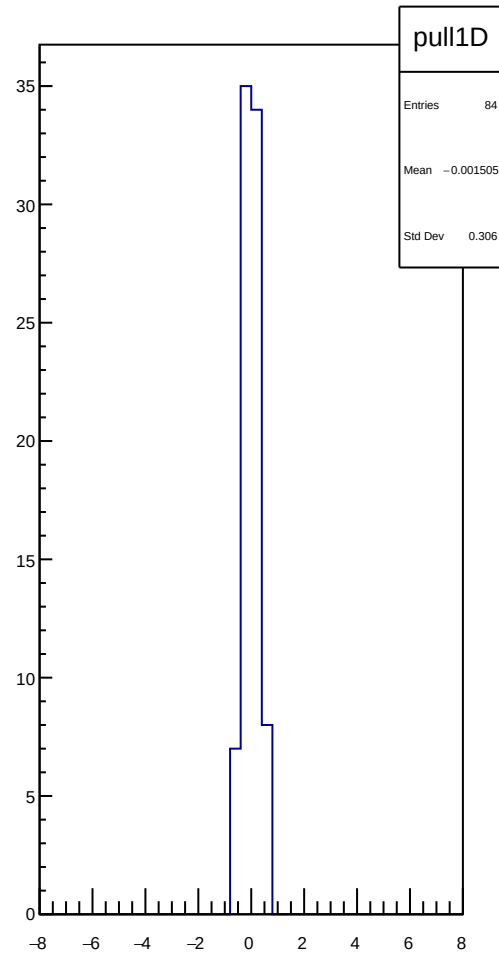
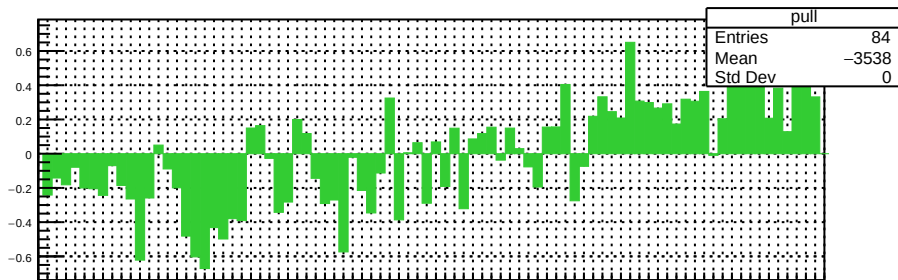
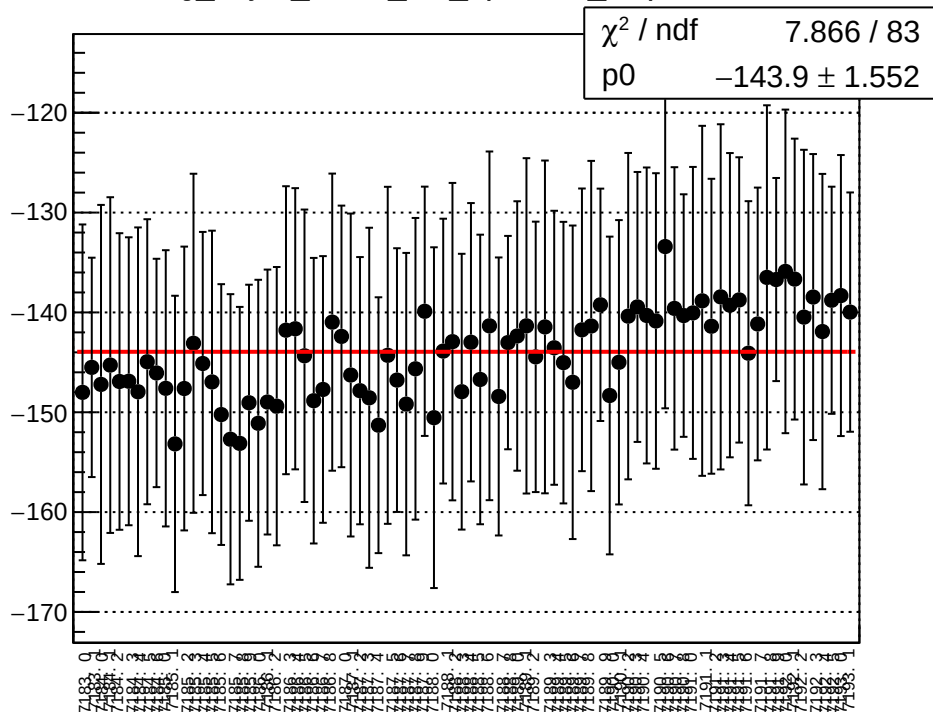
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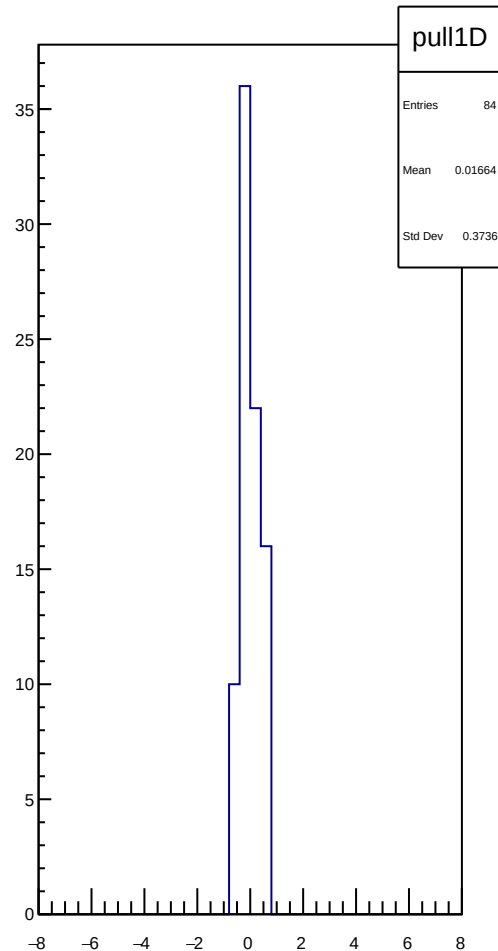
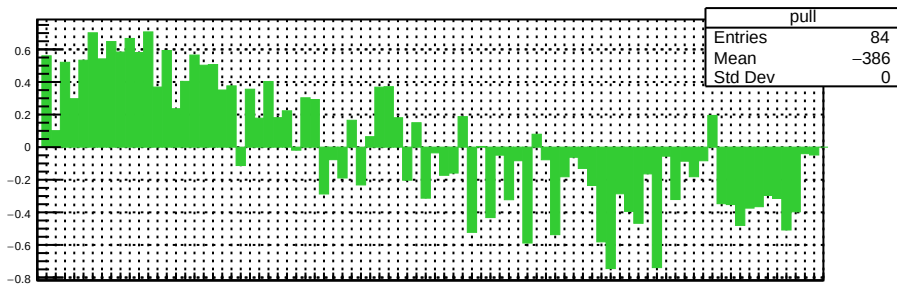
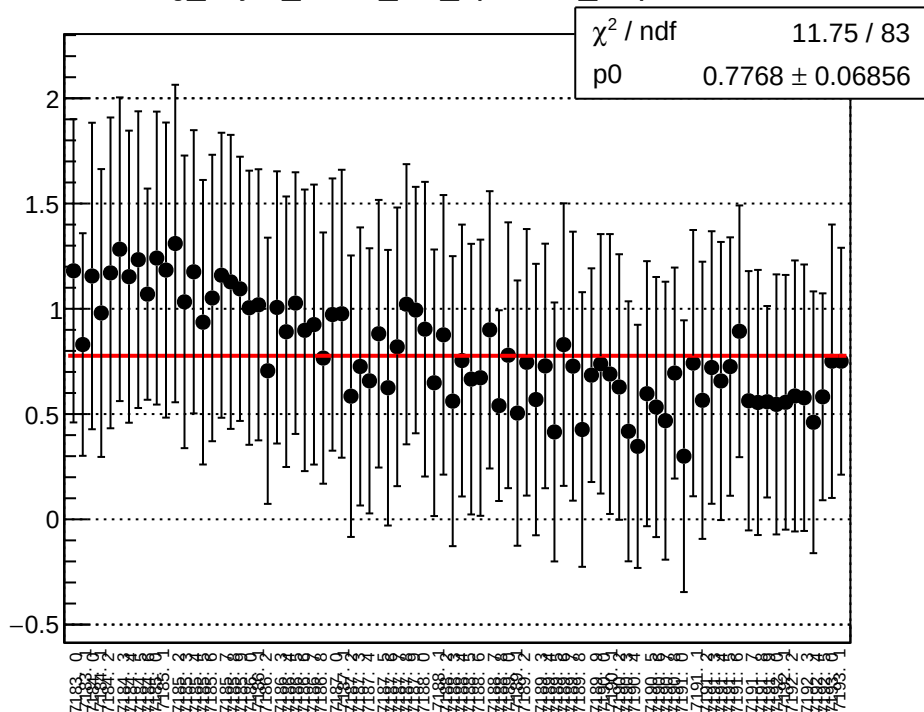
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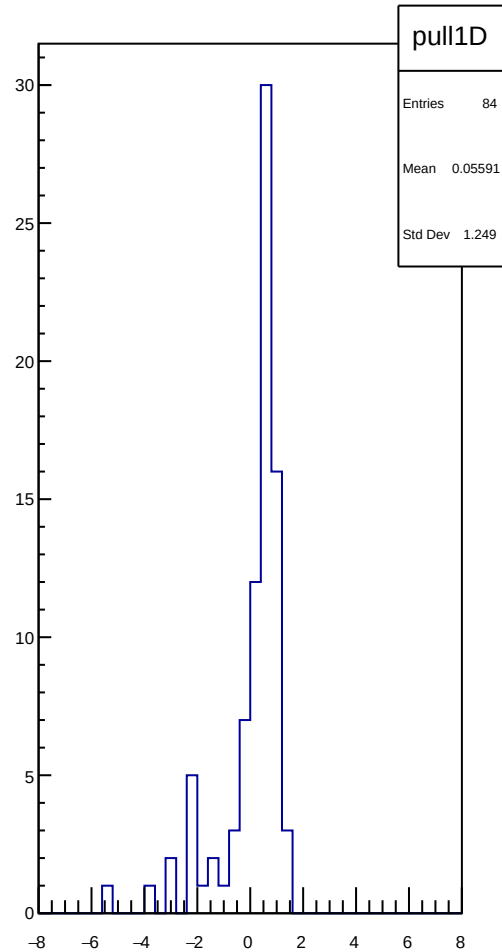
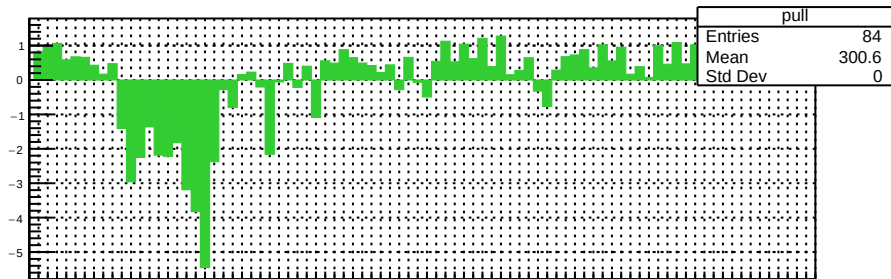
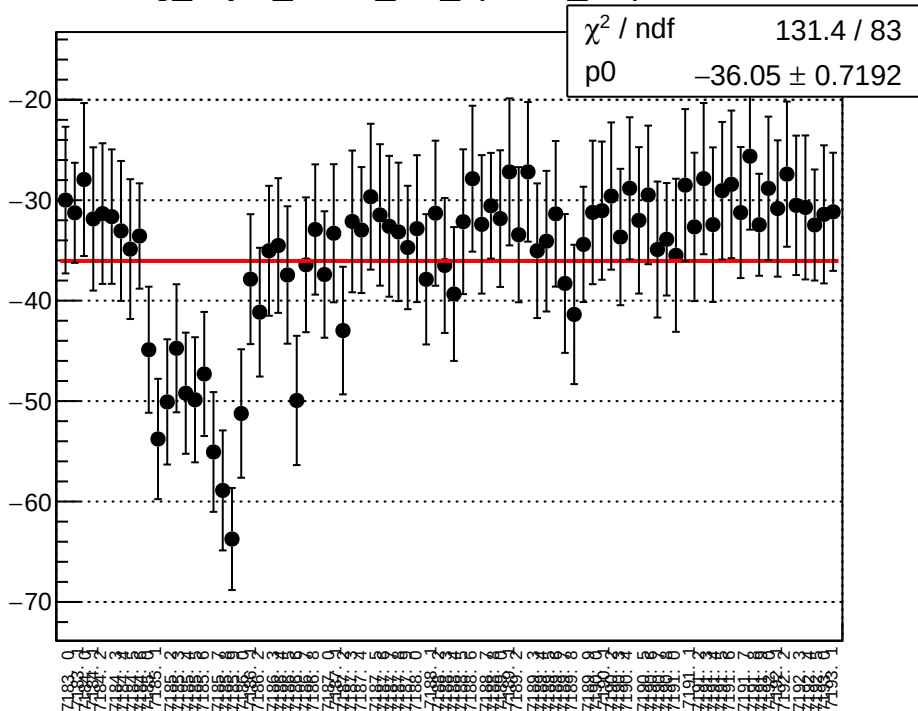
reg_asym_sam2_diff_bpm4eY_slope vs run



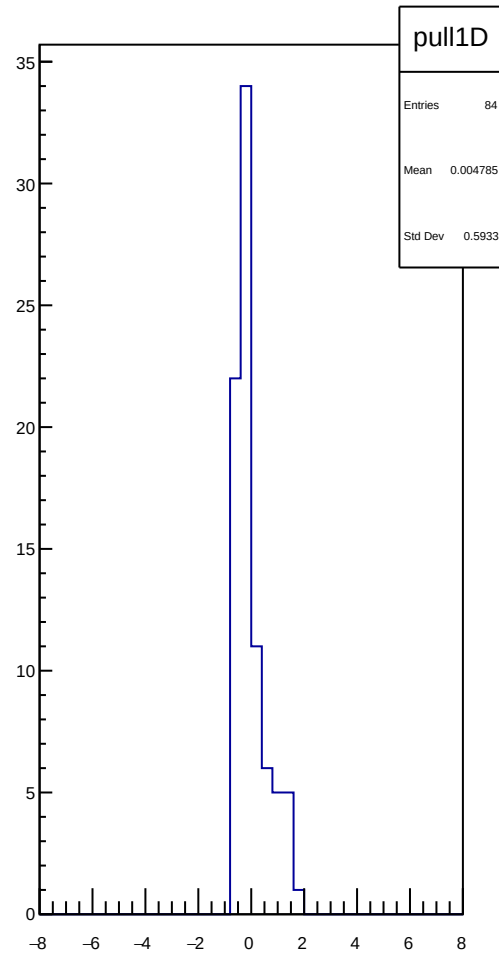
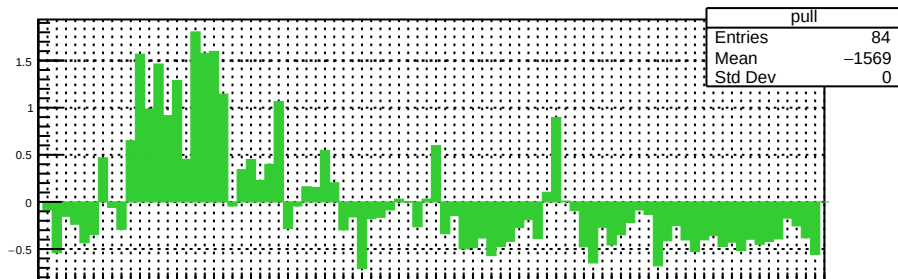
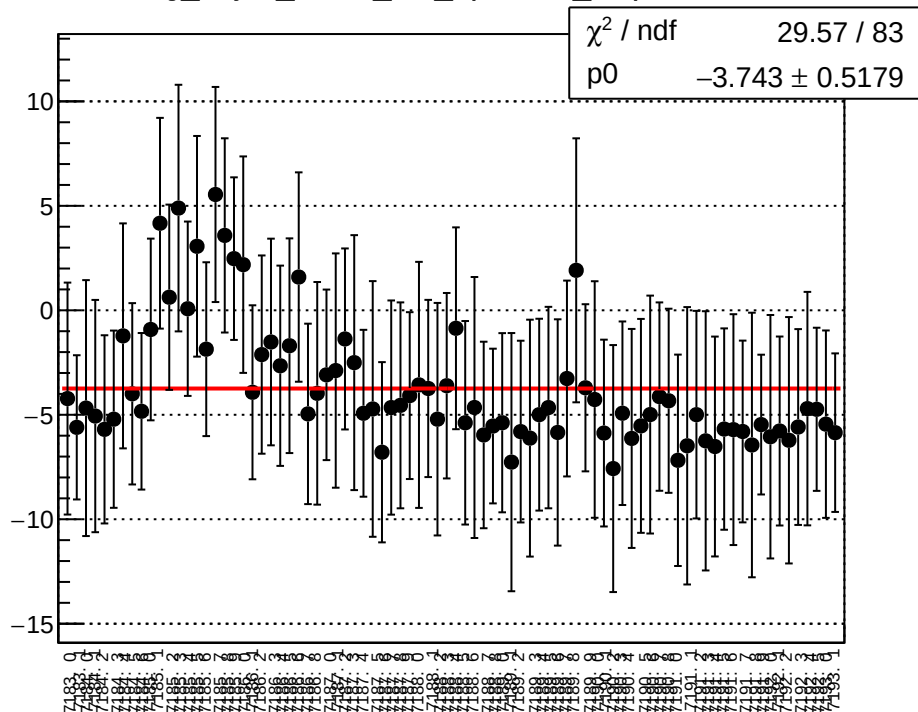
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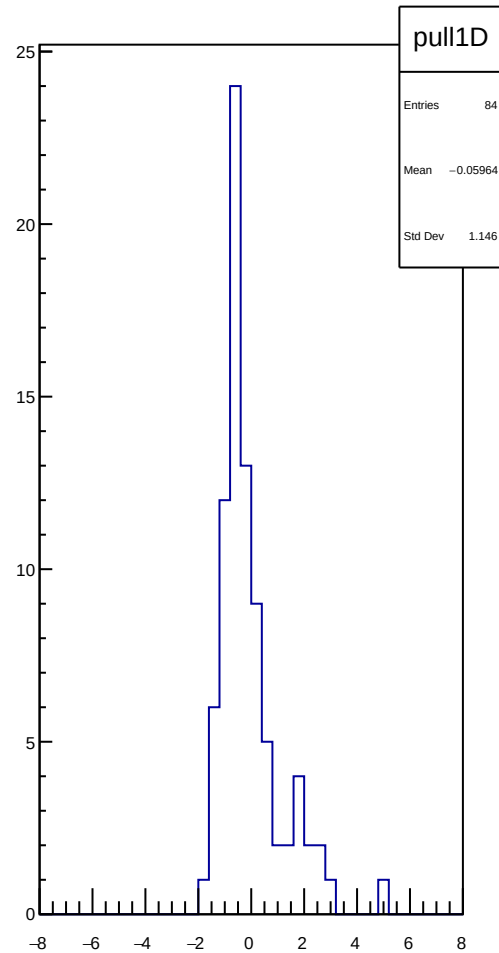
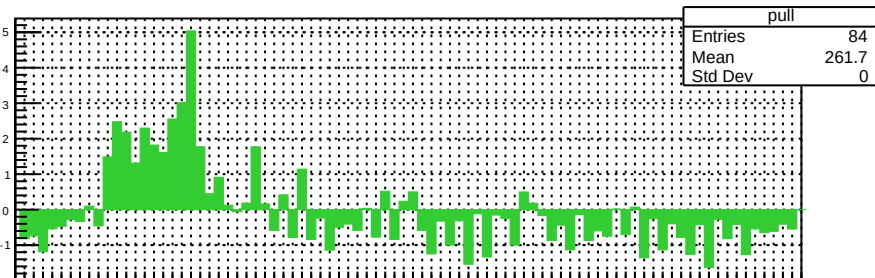
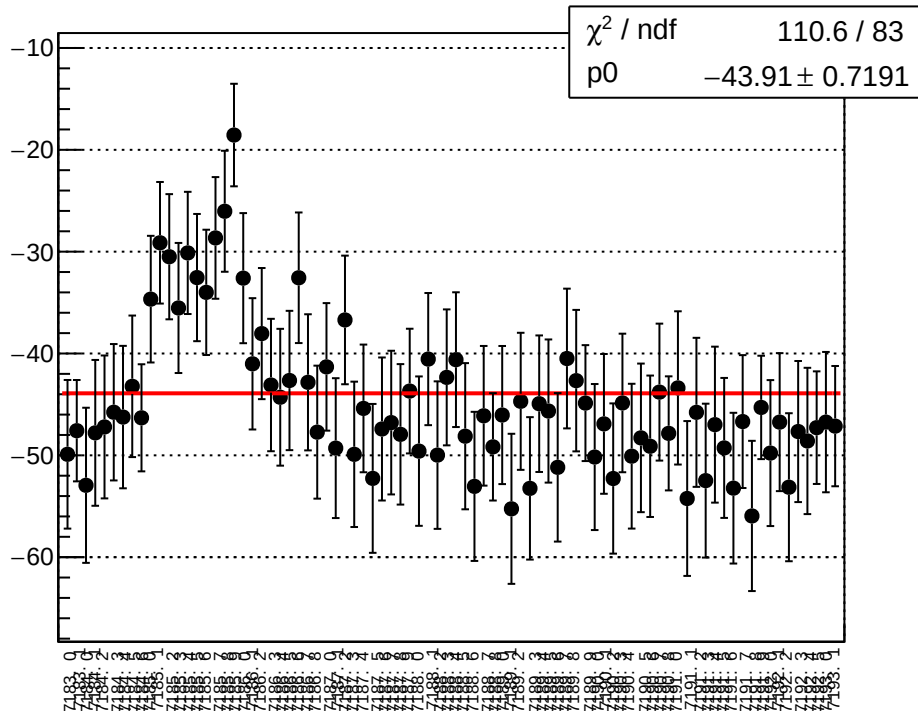
reg_asym_sam3_diff_bpm1X_slope vs run



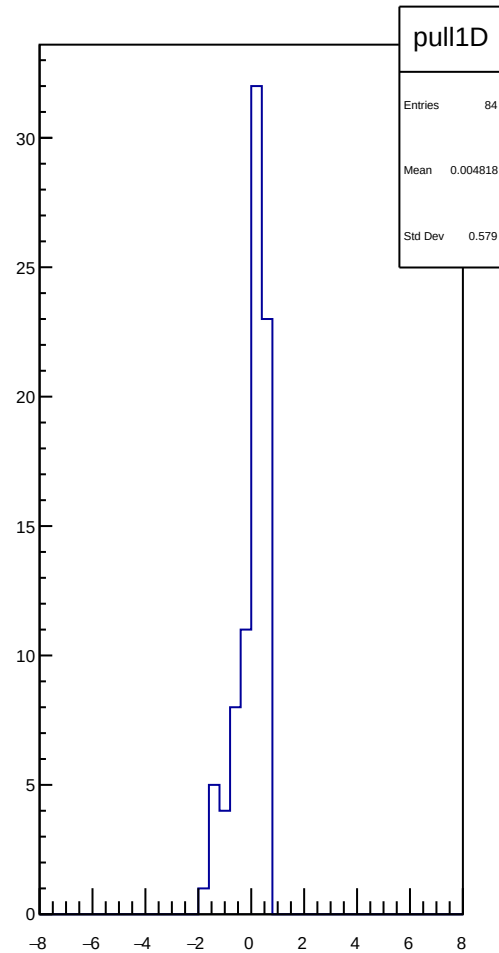
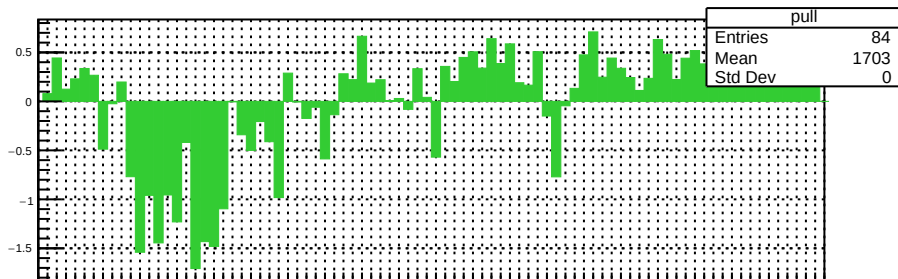
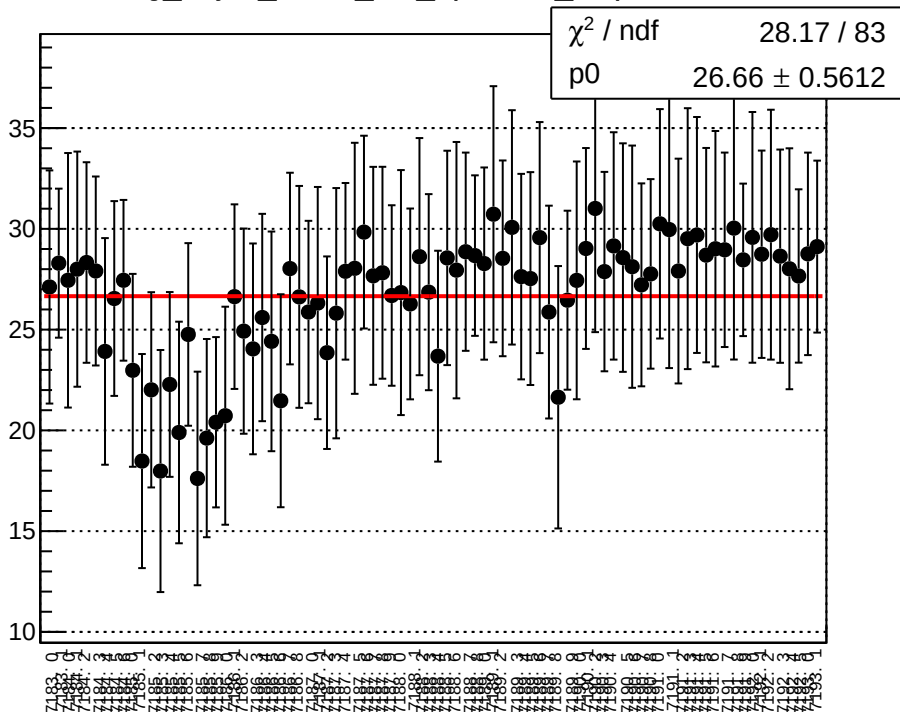
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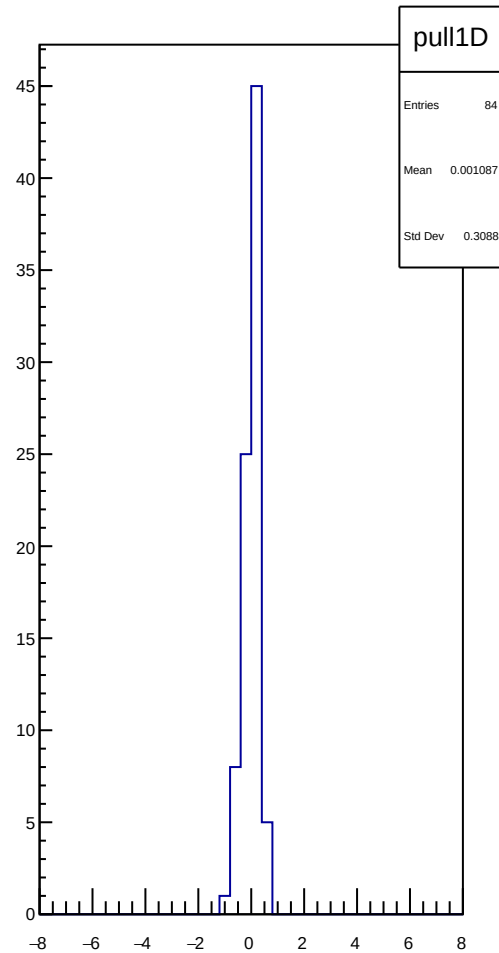
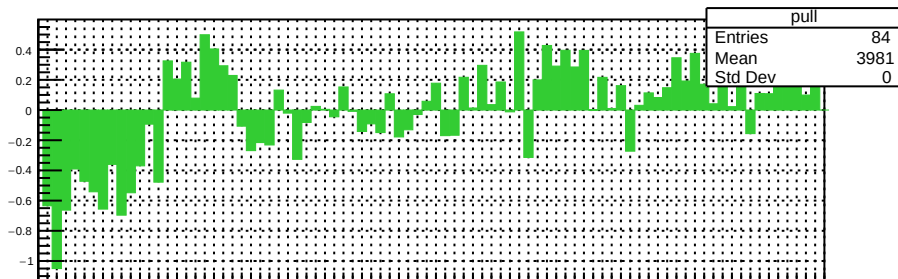
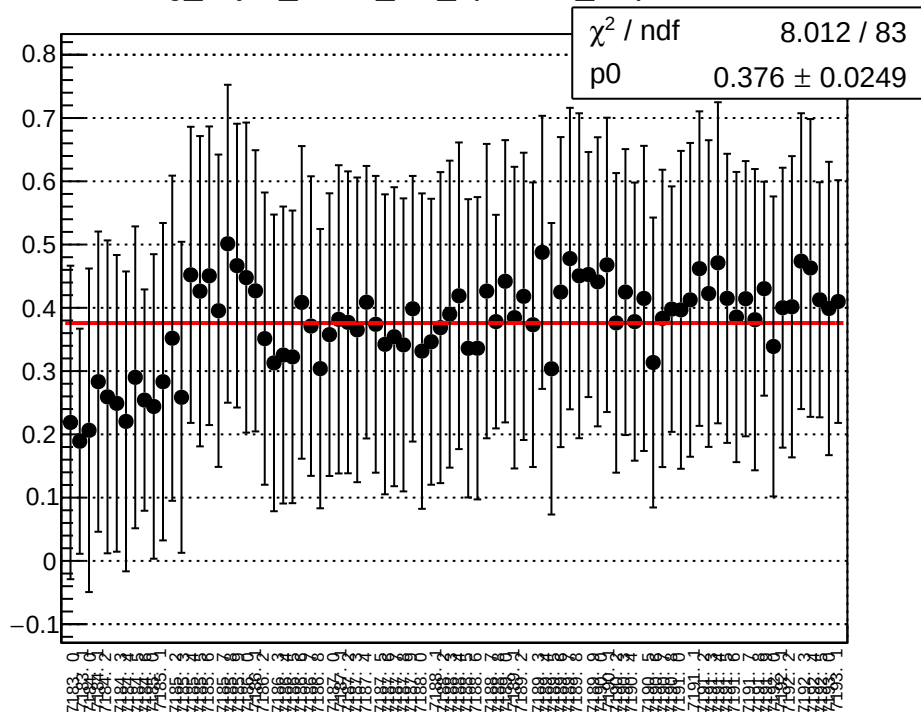
reg_asym_sam3_diff_bpm4ex_slope vs run



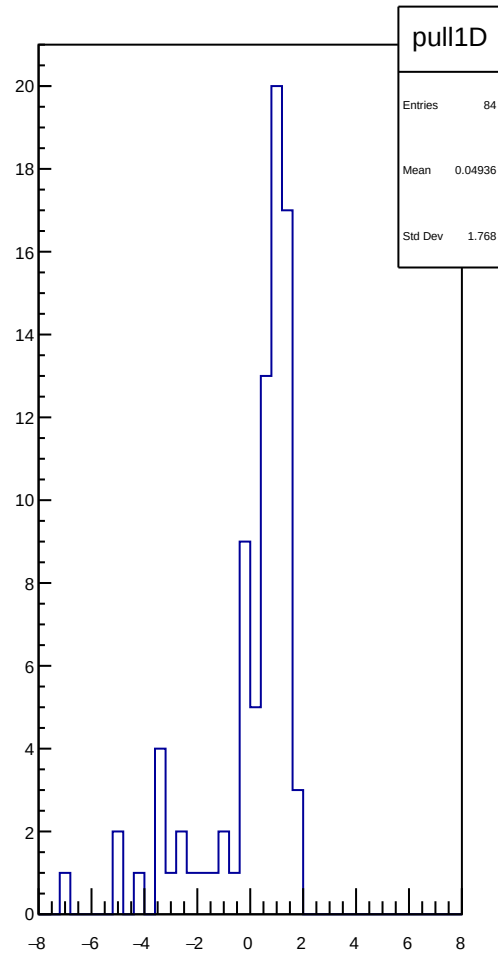
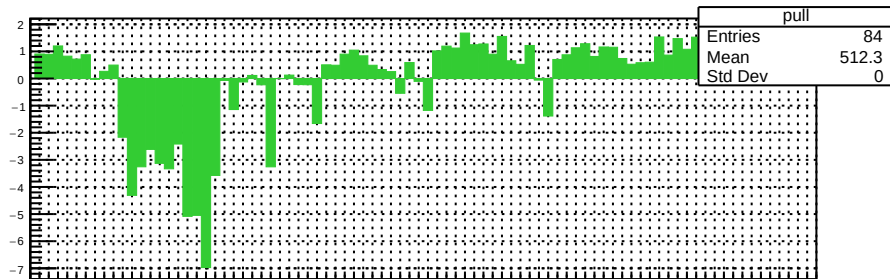
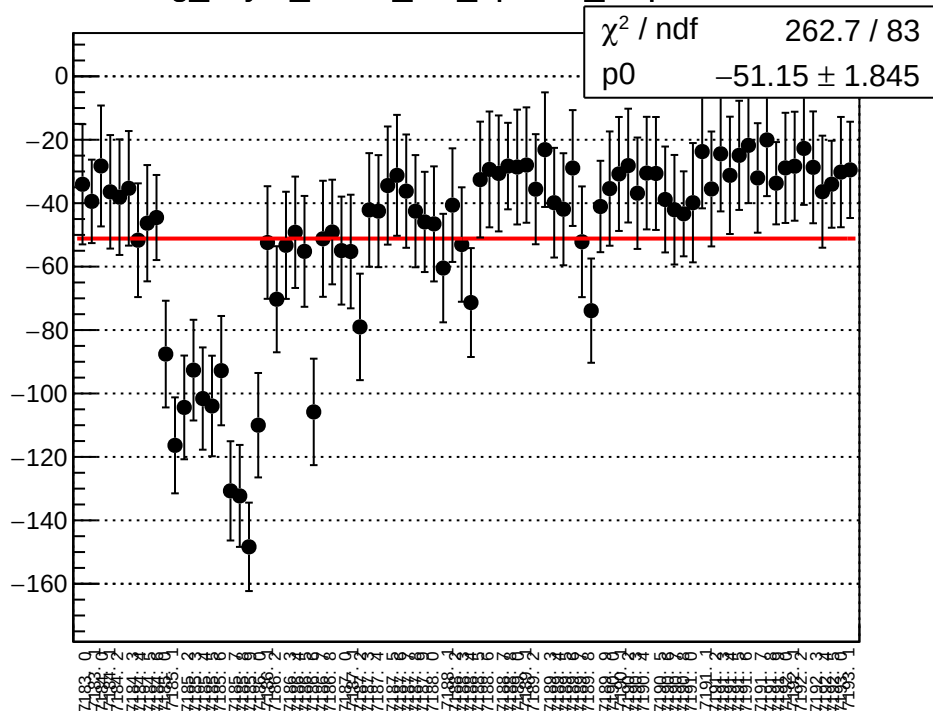
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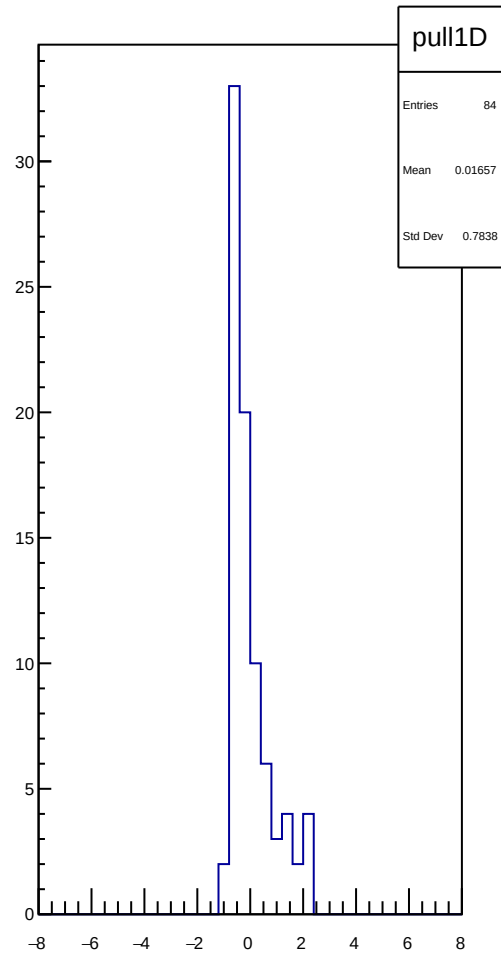
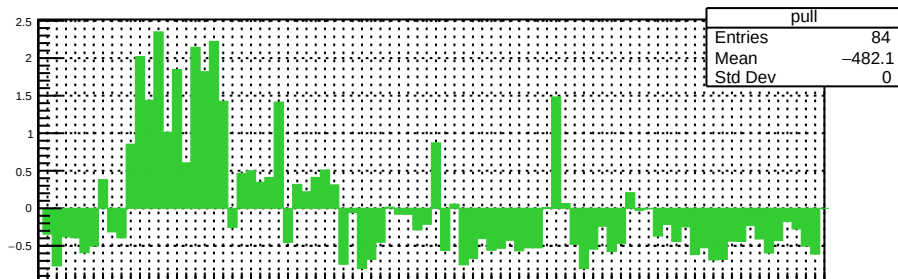
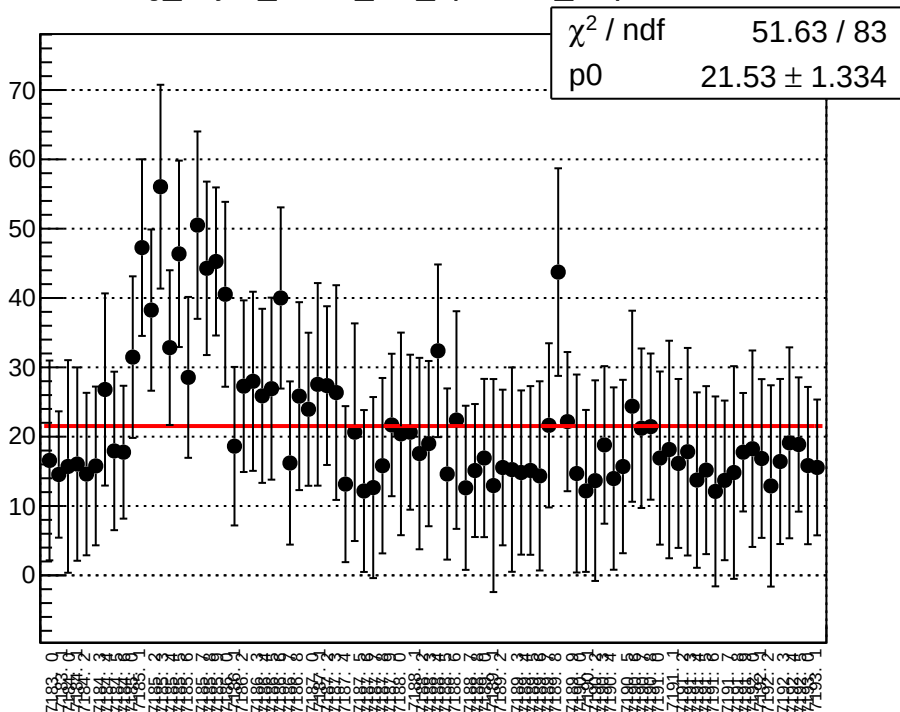
reg_asym_sam3_diff_bpm12X_slope vs run



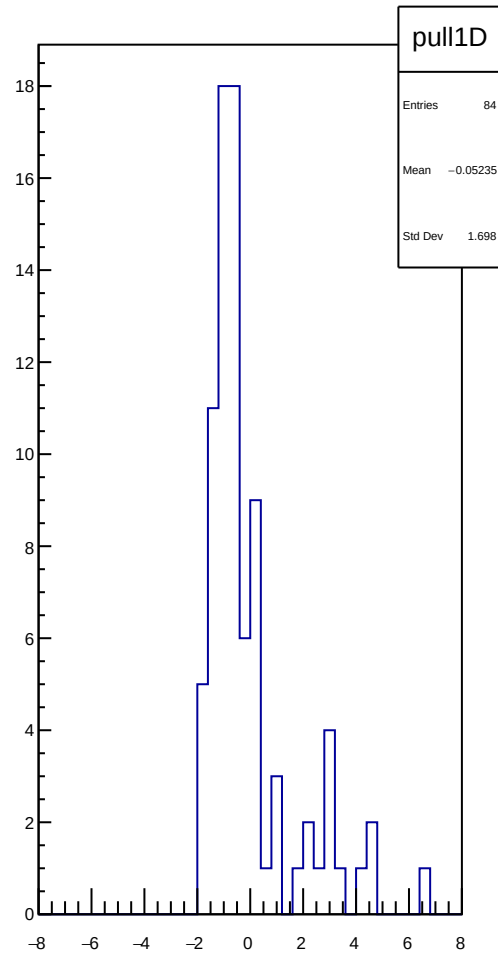
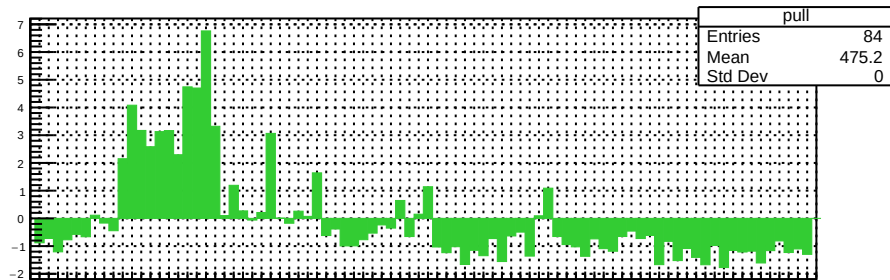
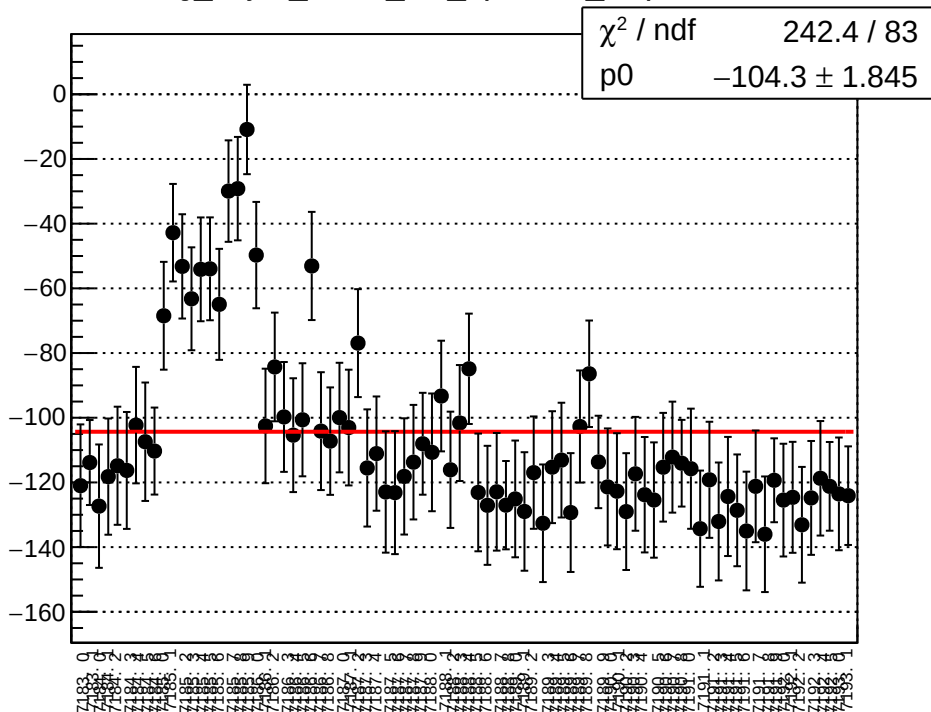
reg_asym_sam4_diff_bpm1X_slope vs run



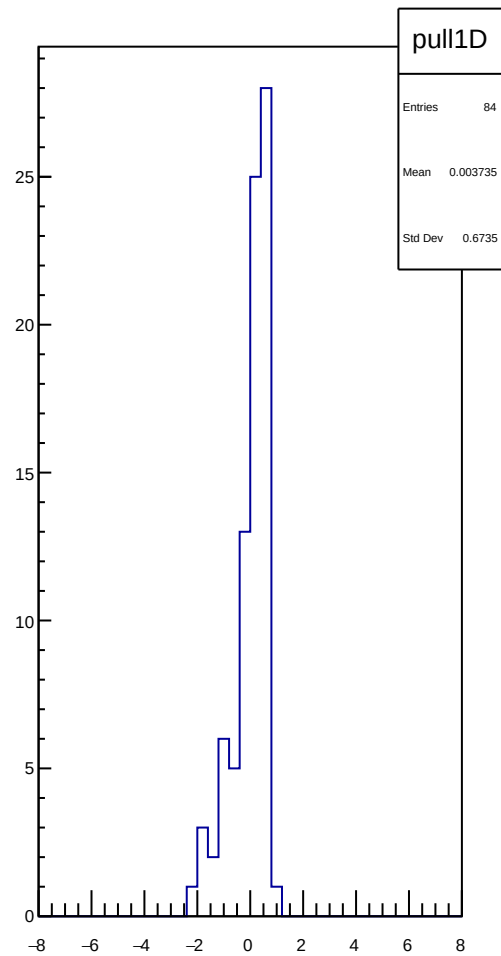
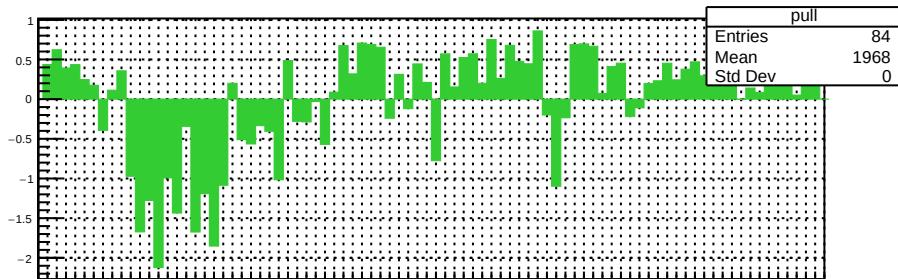
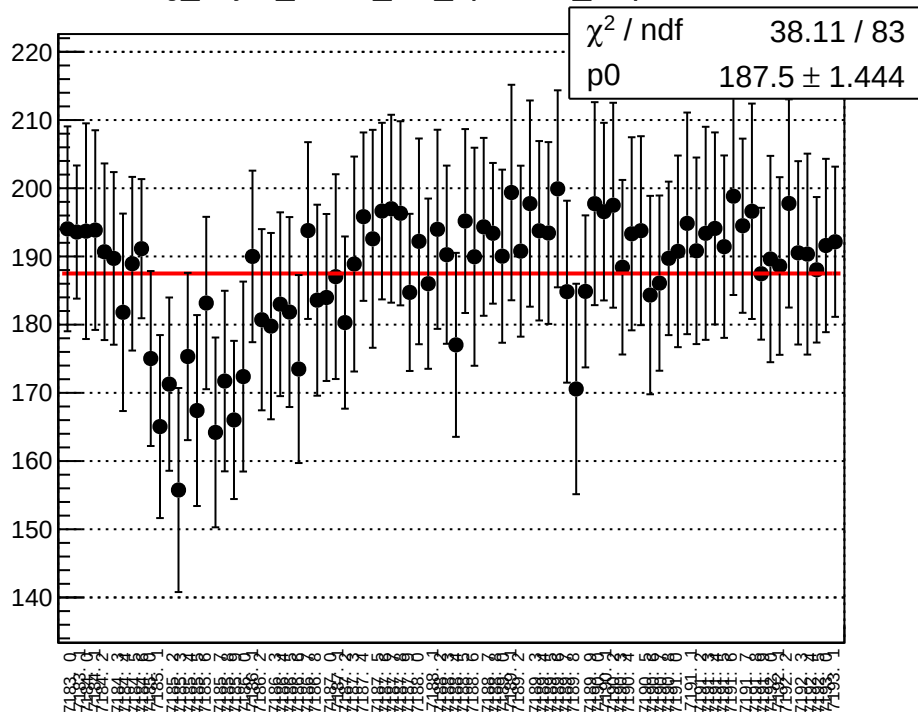
reg_asym_sam4_diff_bpm4aY_slope vs run



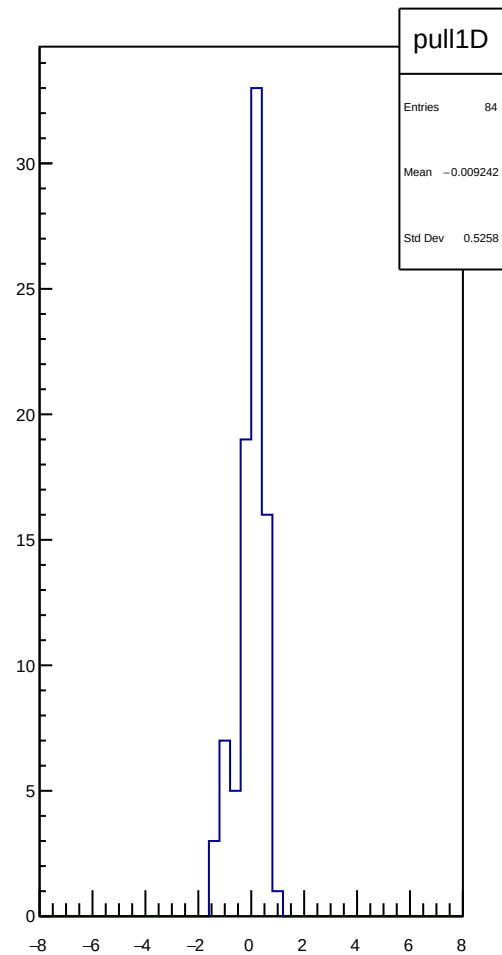
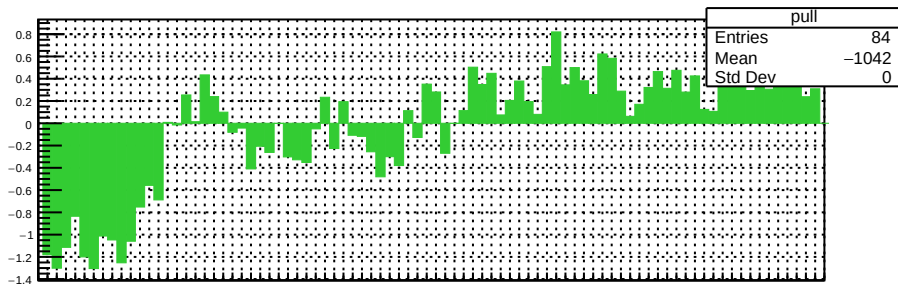
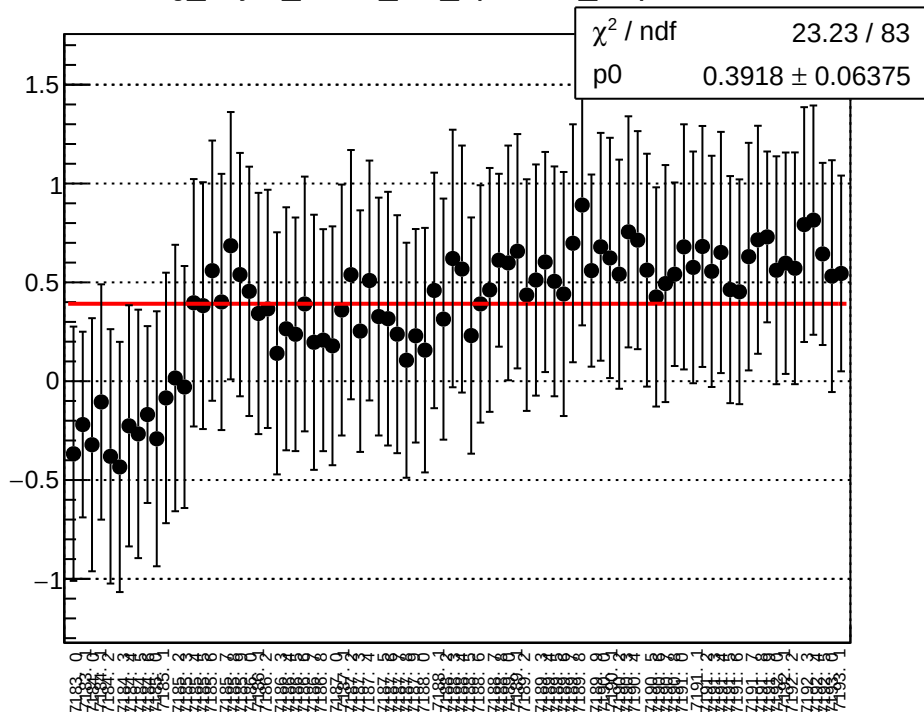
reg_asym_sam4_diff_bpm4eX_slope vs run



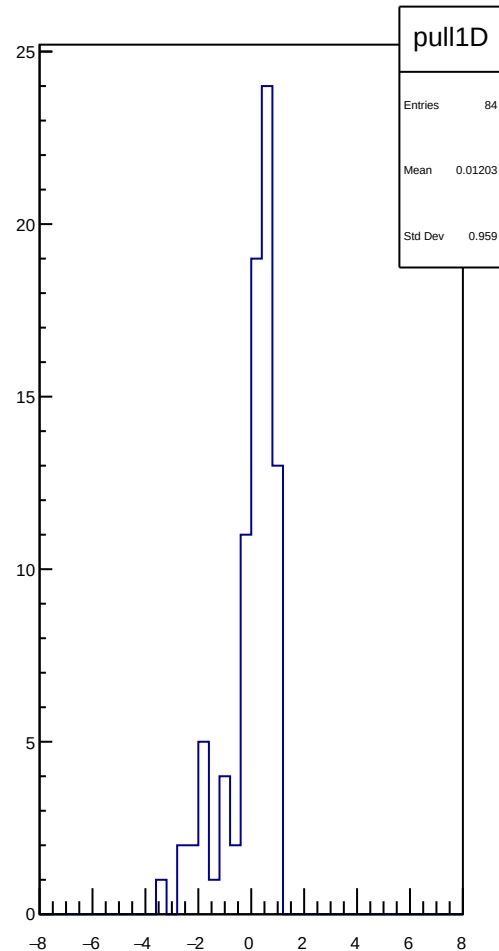
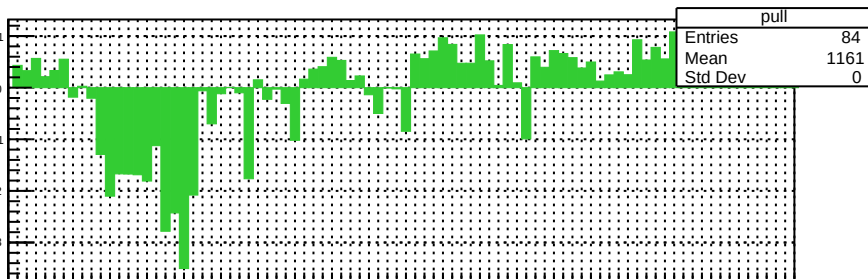
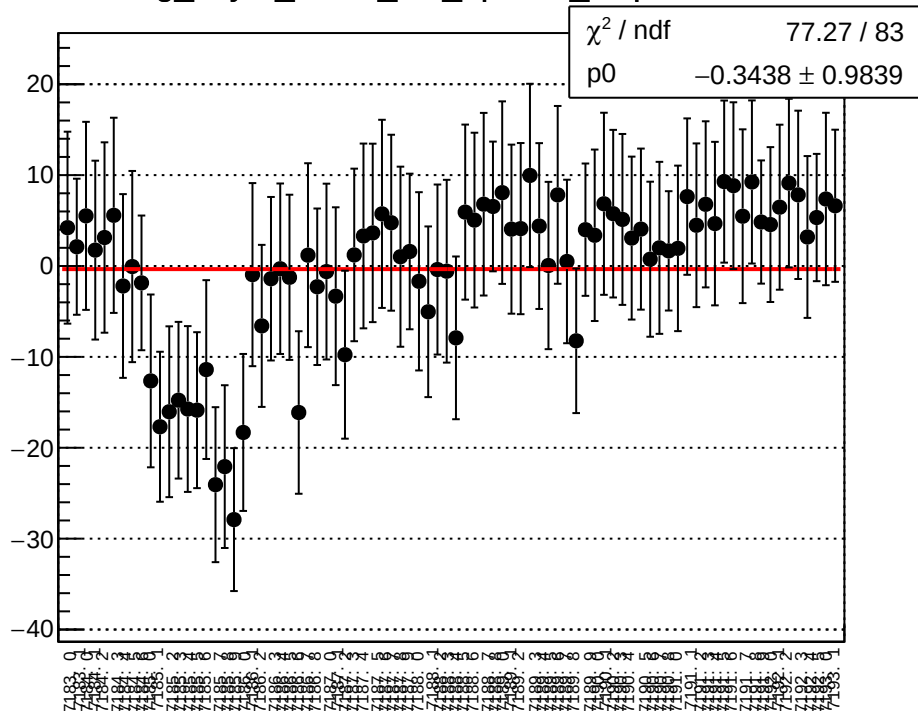
reg_asym_sam4_diff_bpm4eY_slope vs run



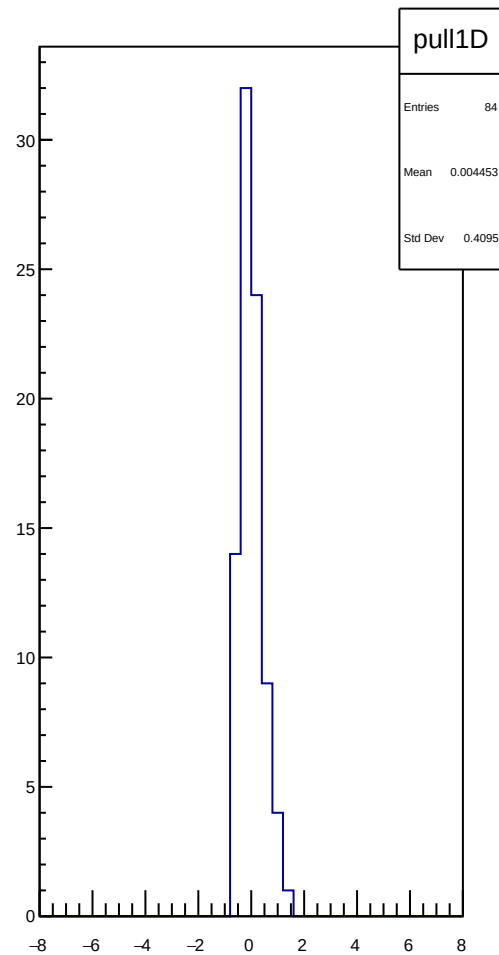
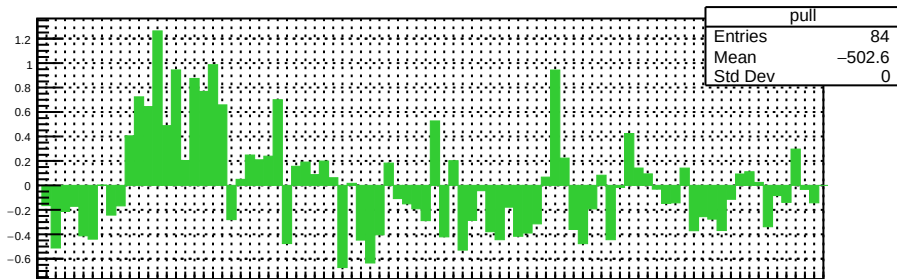
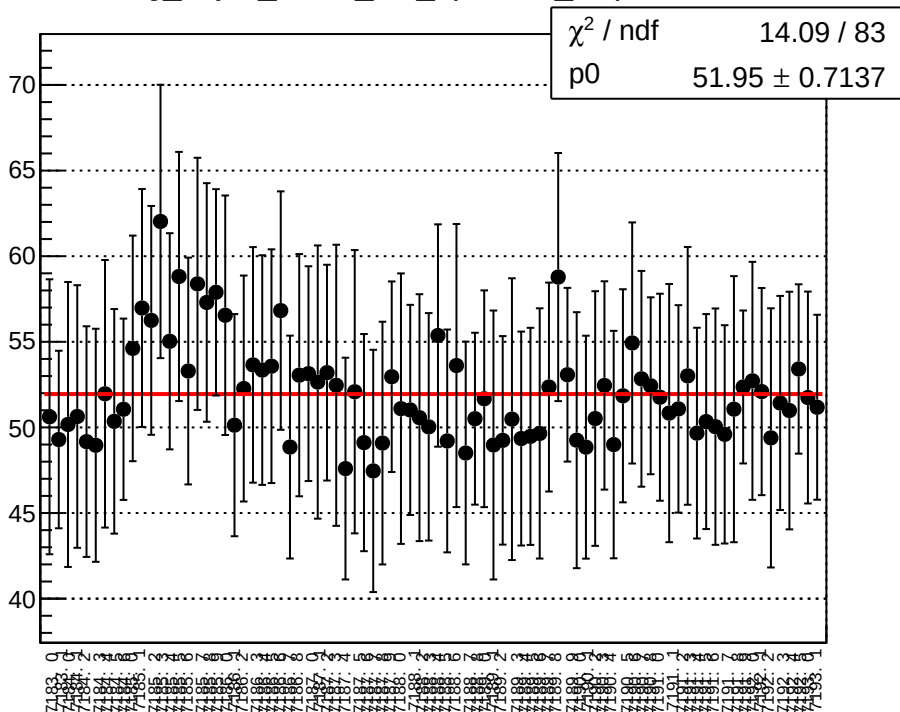
reg_asym_sam4_diff_bpm12X_slope vs run



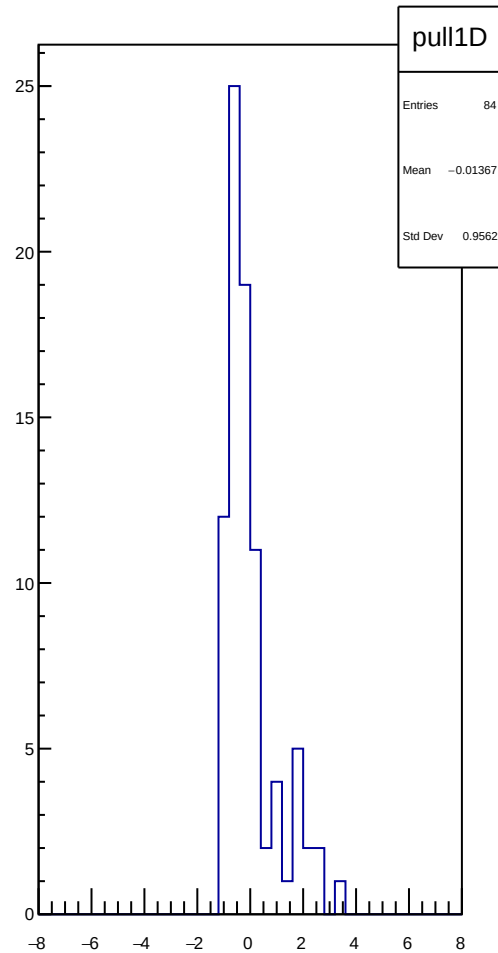
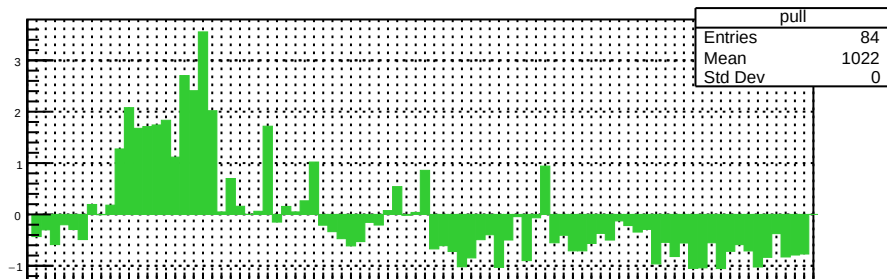
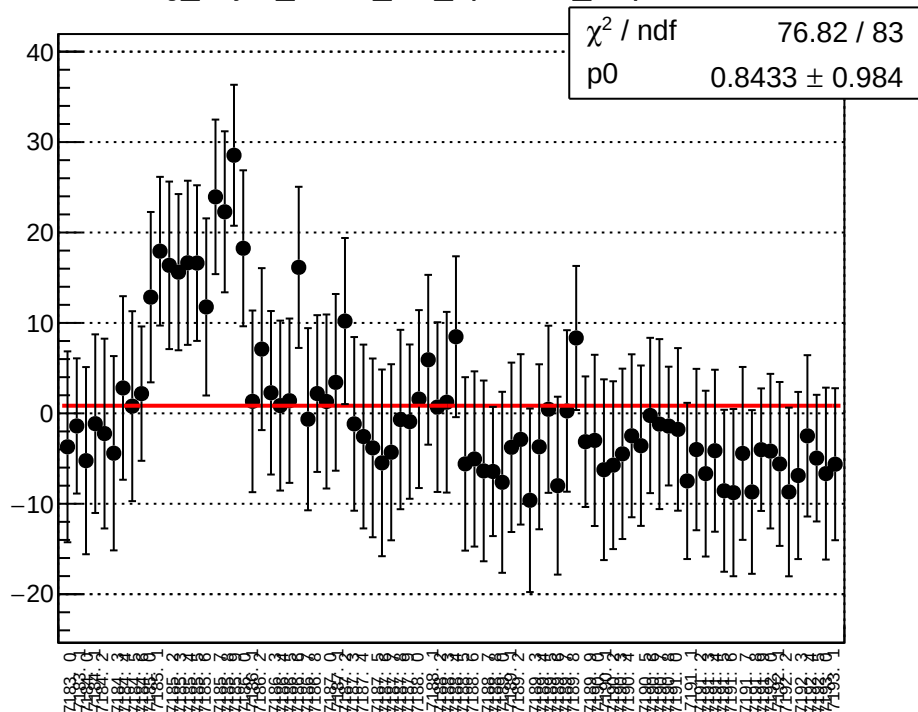
reg_asym_sam5_diff_bpm1X_slope vs run



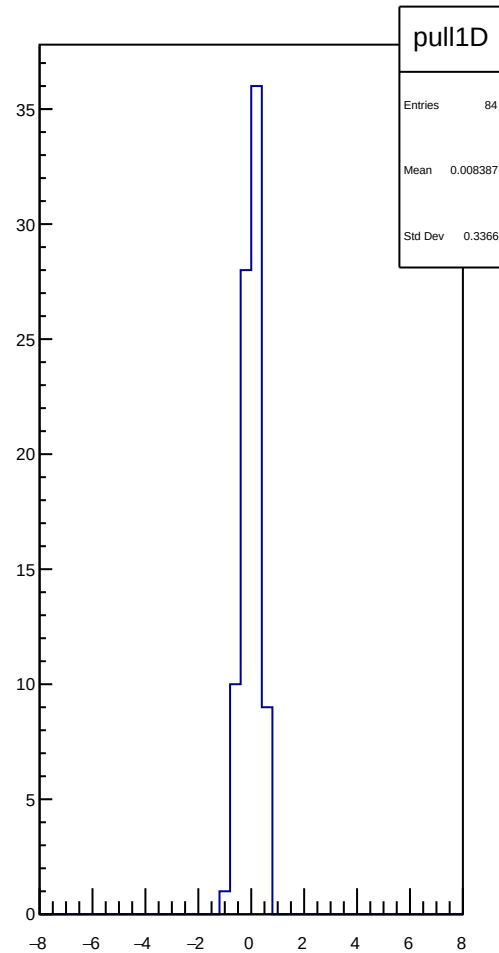
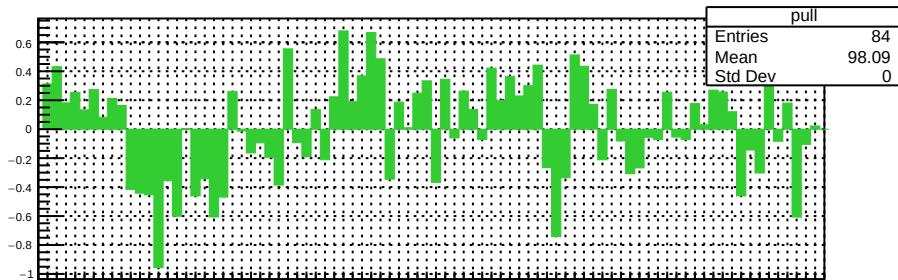
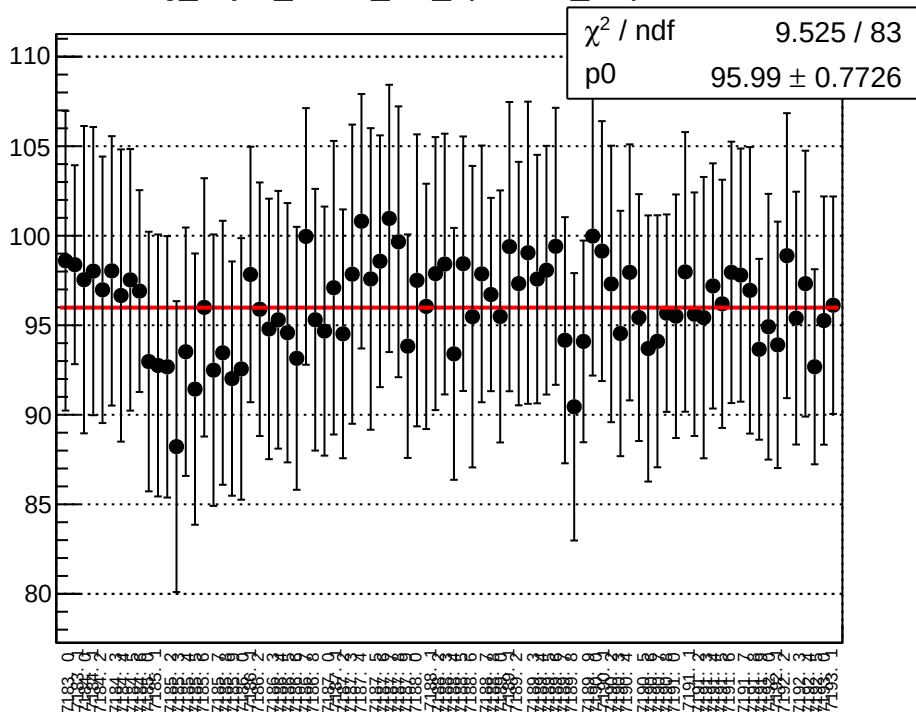
reg_asym_sam5_diff_bpm4aY_slope vs run



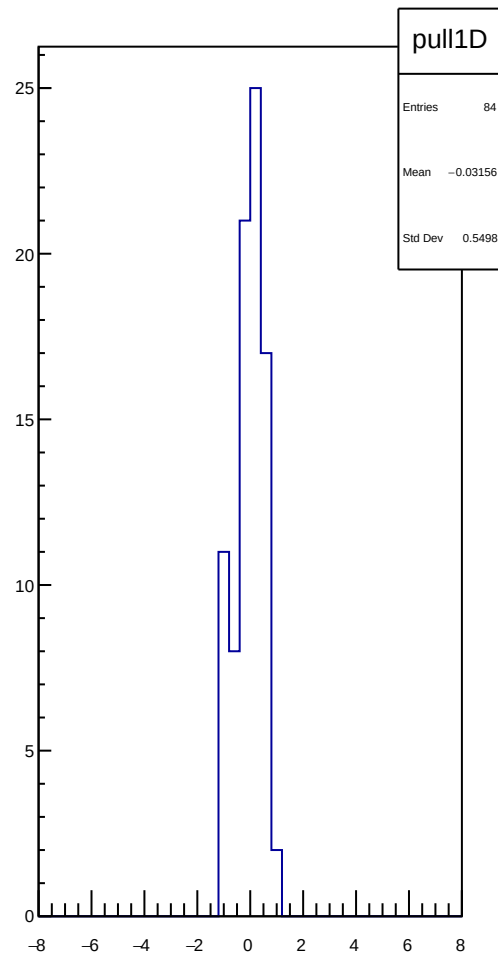
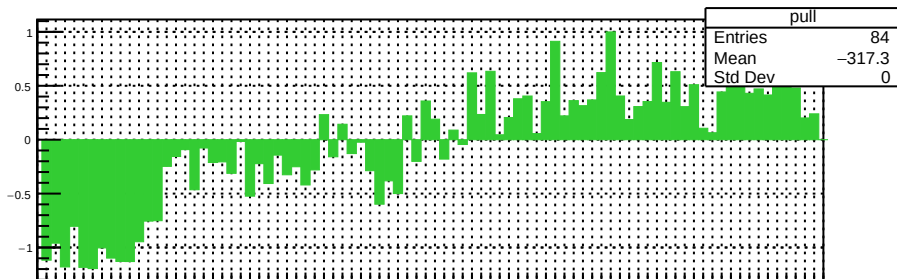
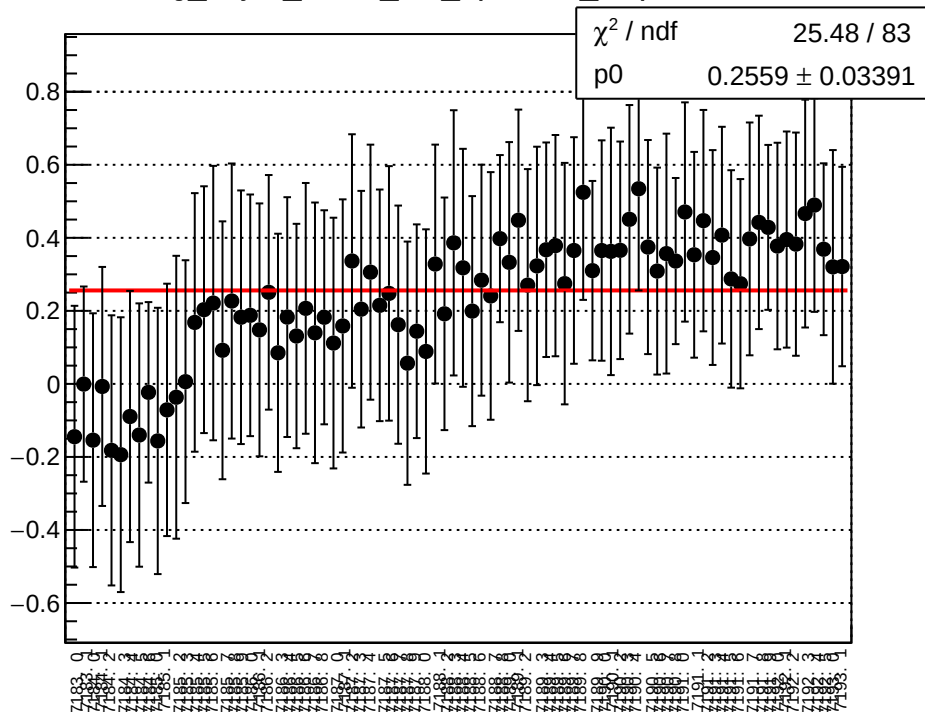
reg_asym_sam5_diff_bpm4eX_slope vs run



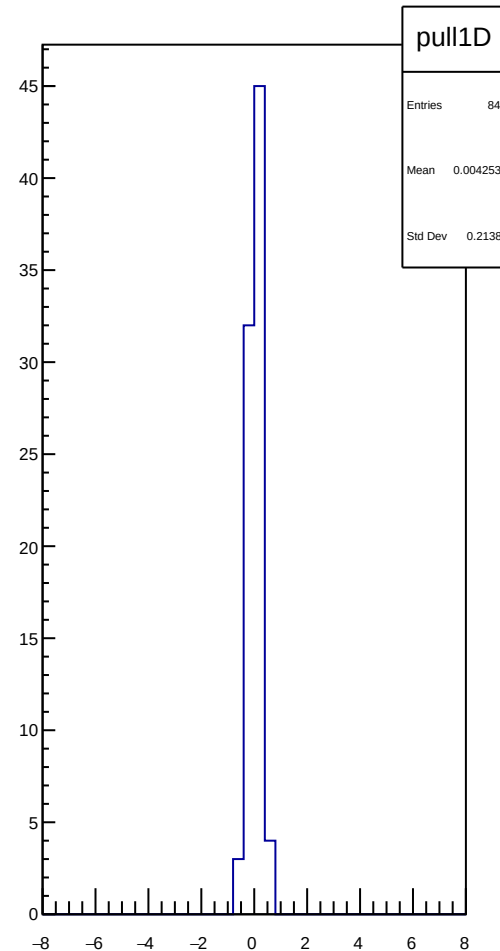
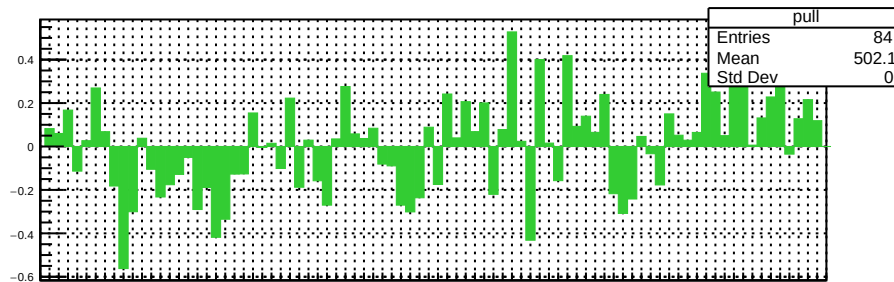
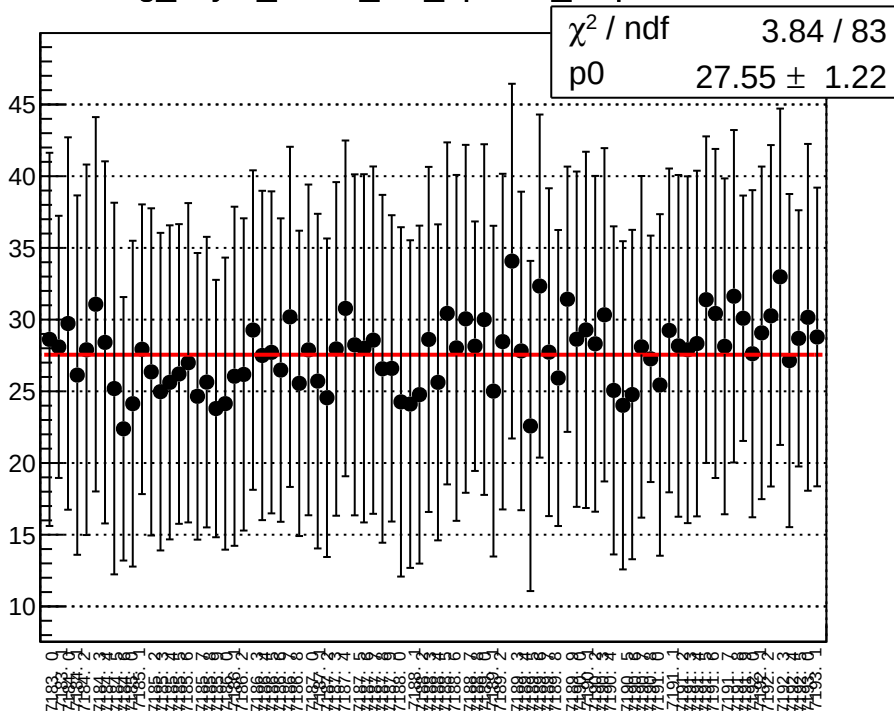
reg_asym_sam5_diff_bpm4eY_slope vs run



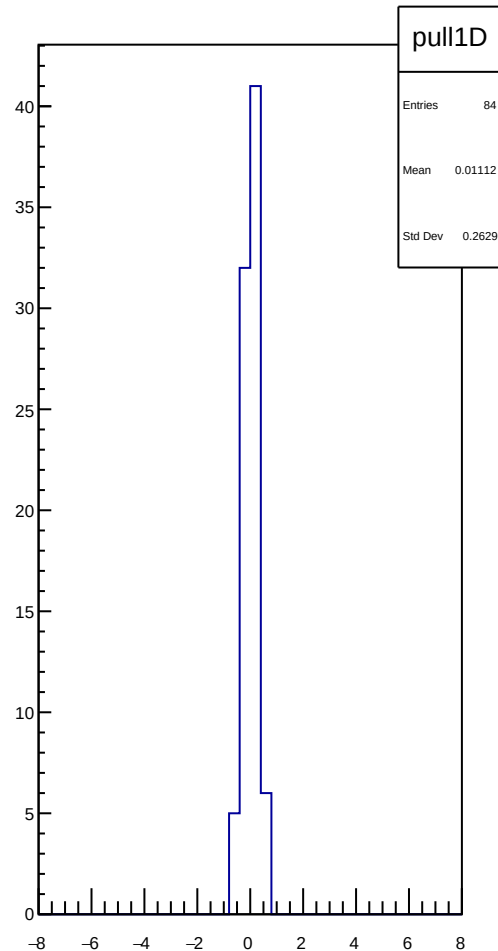
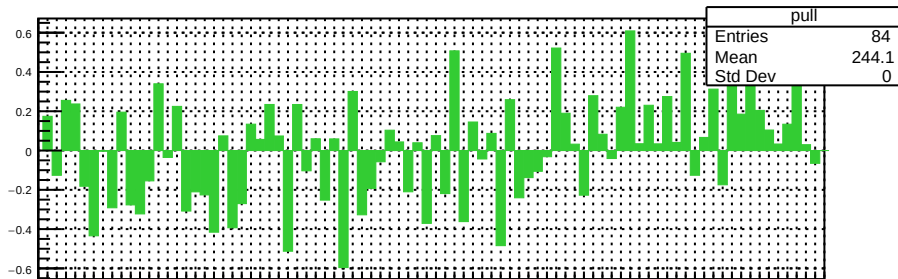
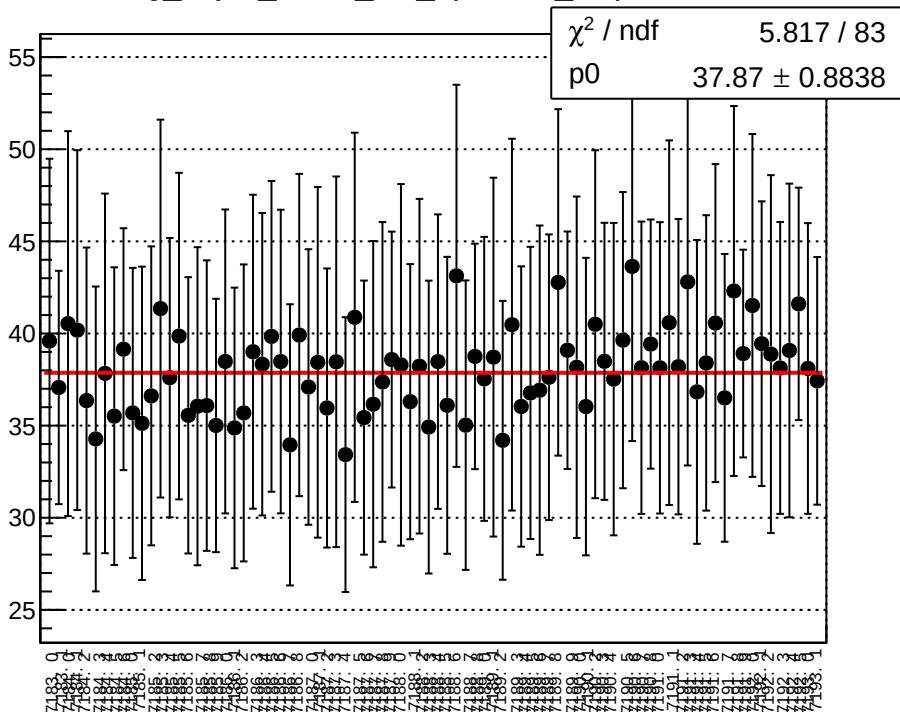
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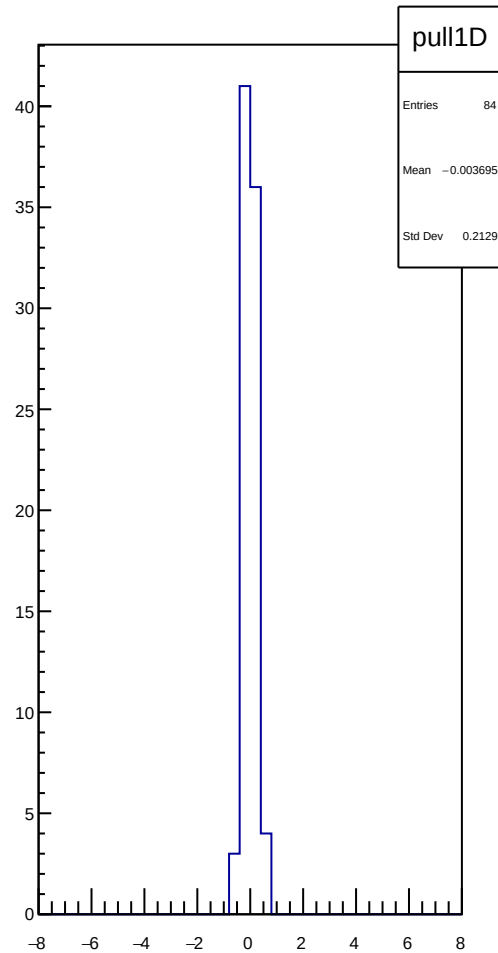
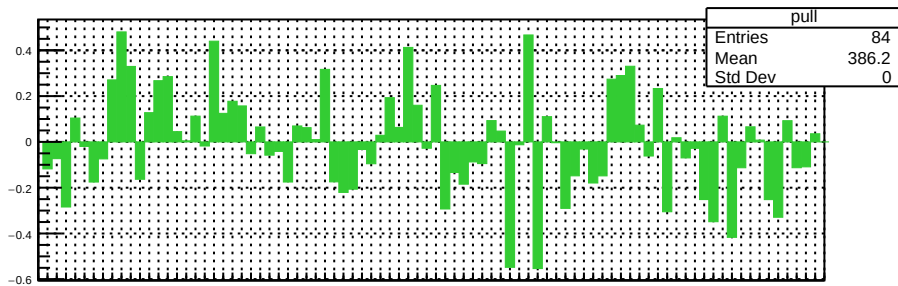
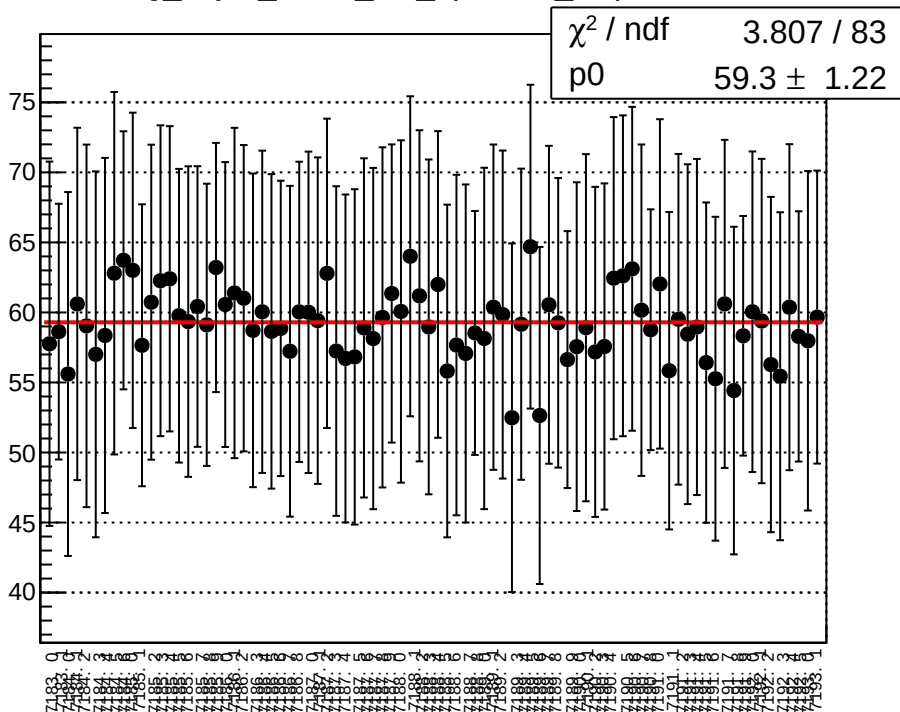
reg_asym_sam6_diff_bpm1X_slope vs run



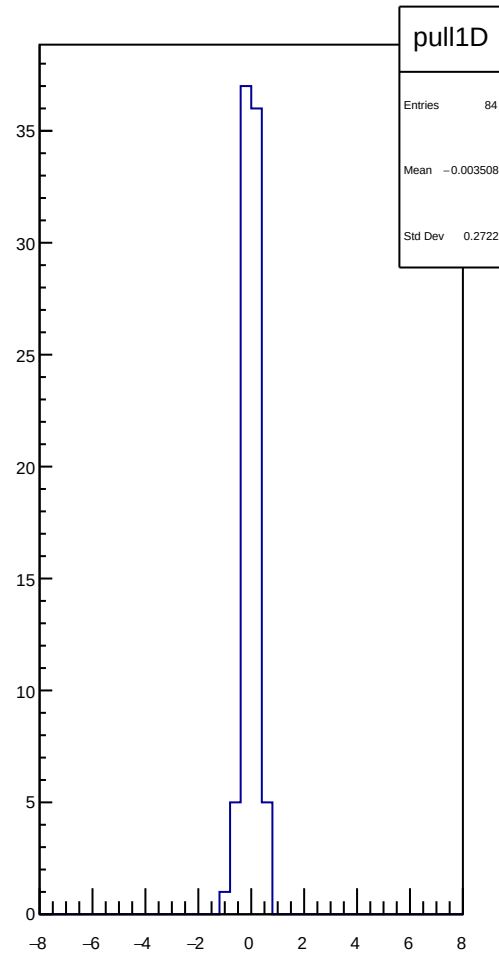
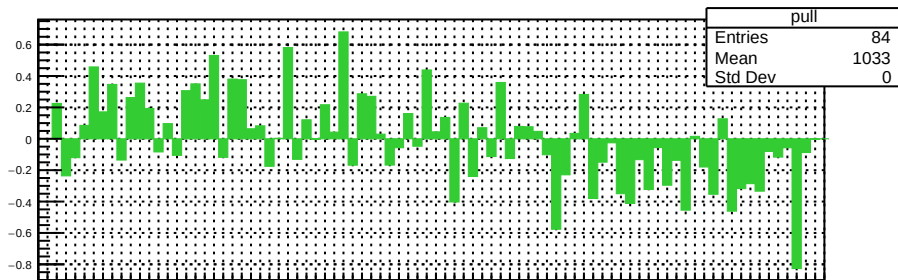
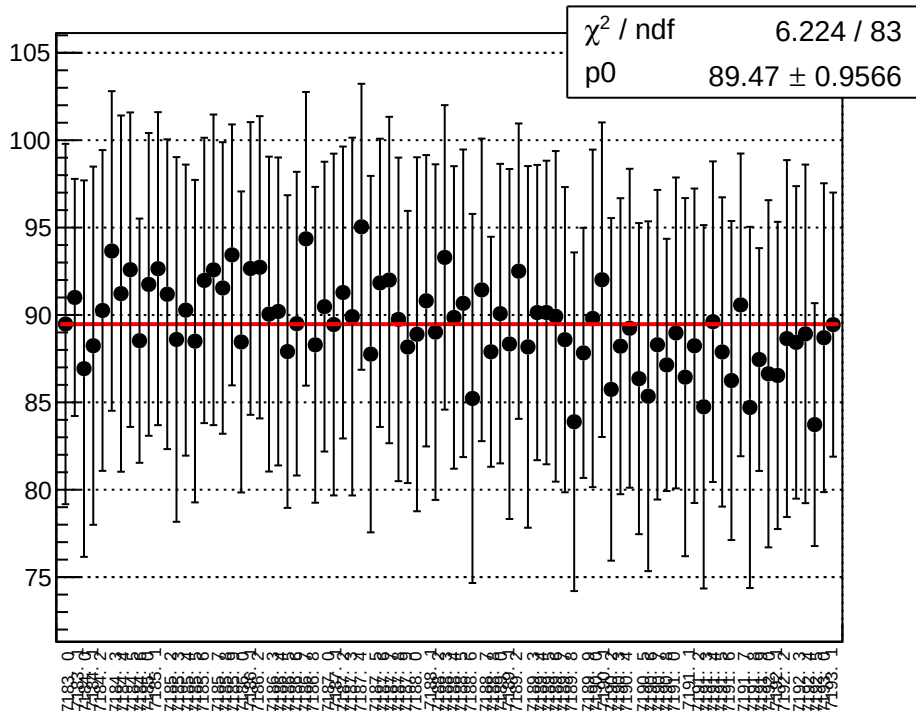
reg_asym_sam6_diff_bpm4aY_slope vs run



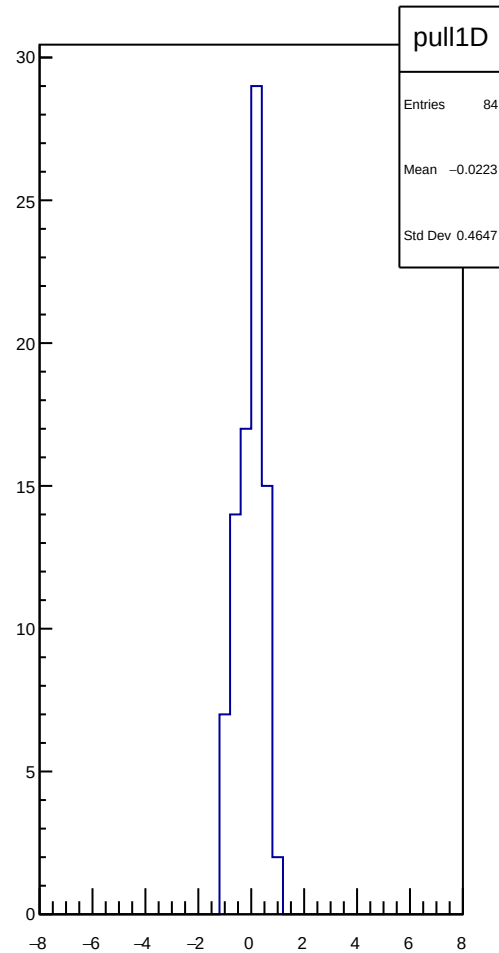
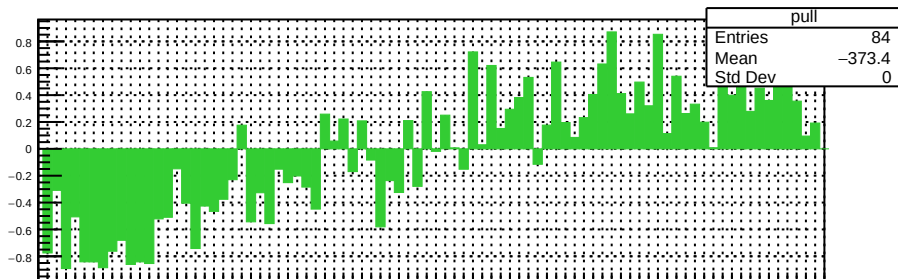
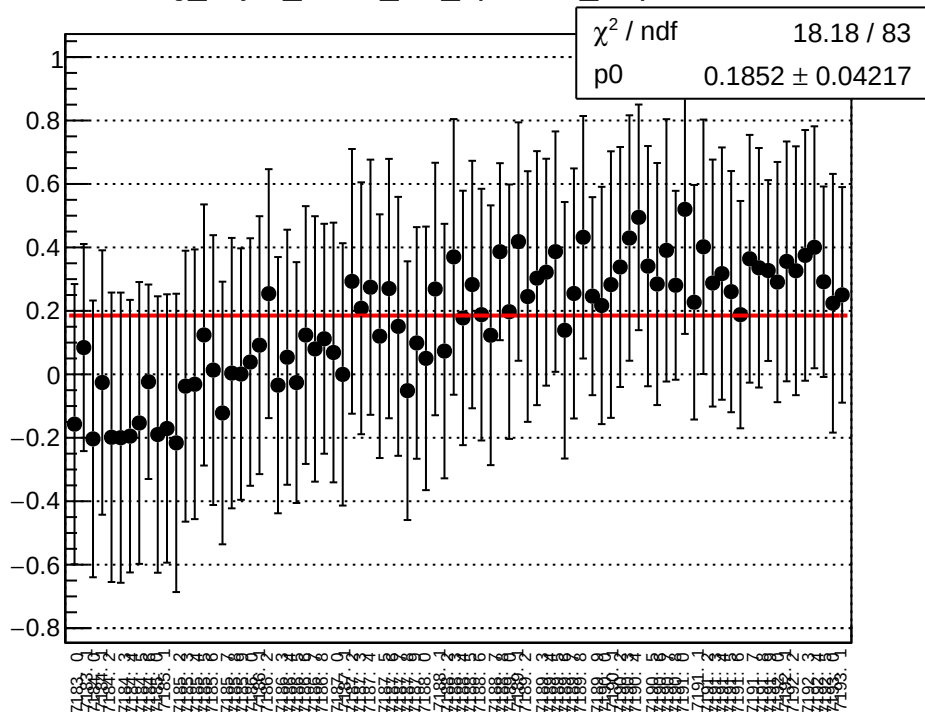
reg_asym_sam6_diff_bpm4ex_slope vs run



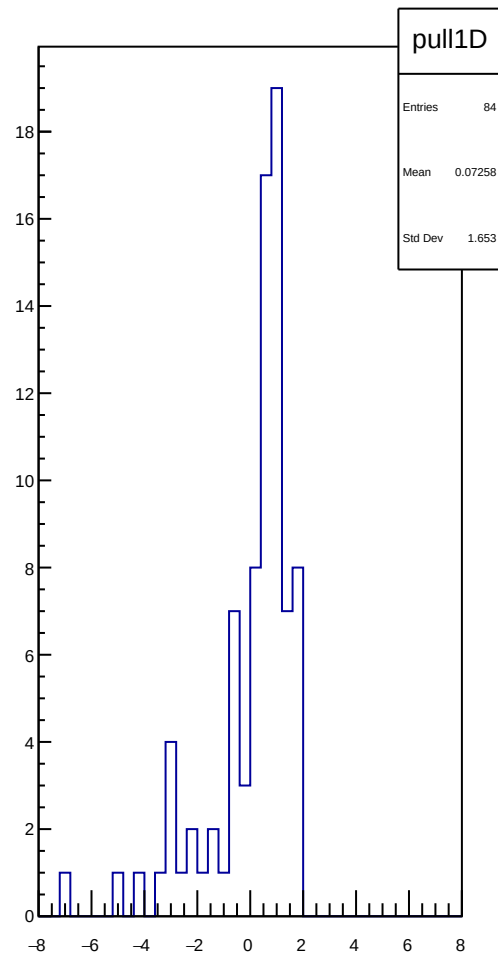
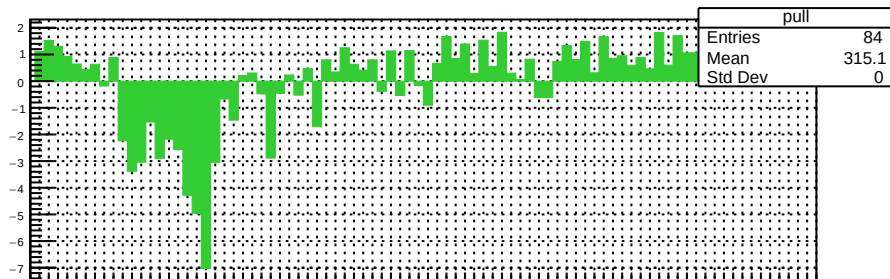
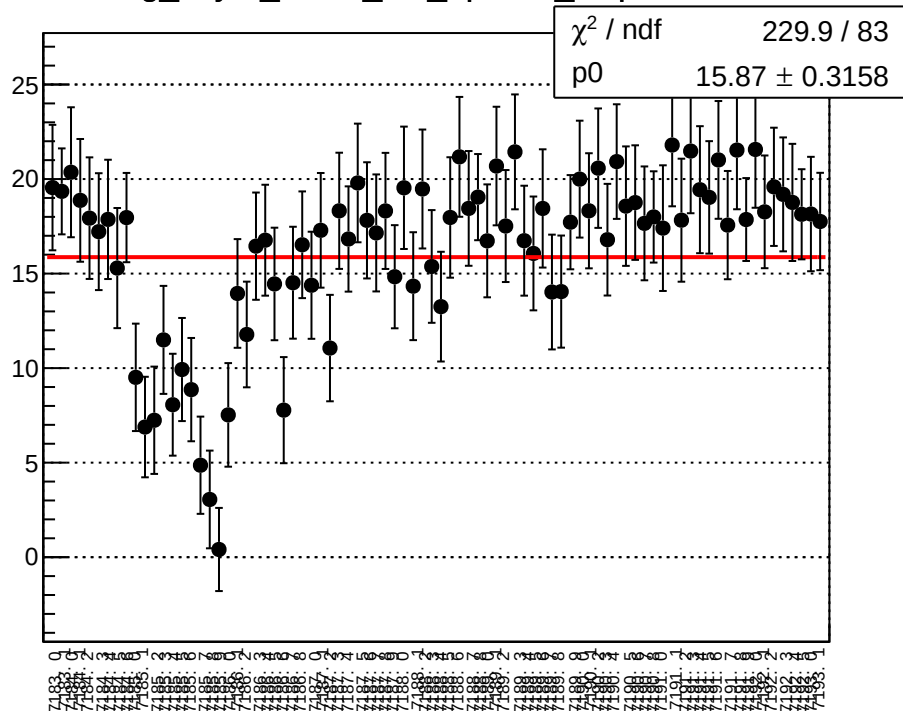
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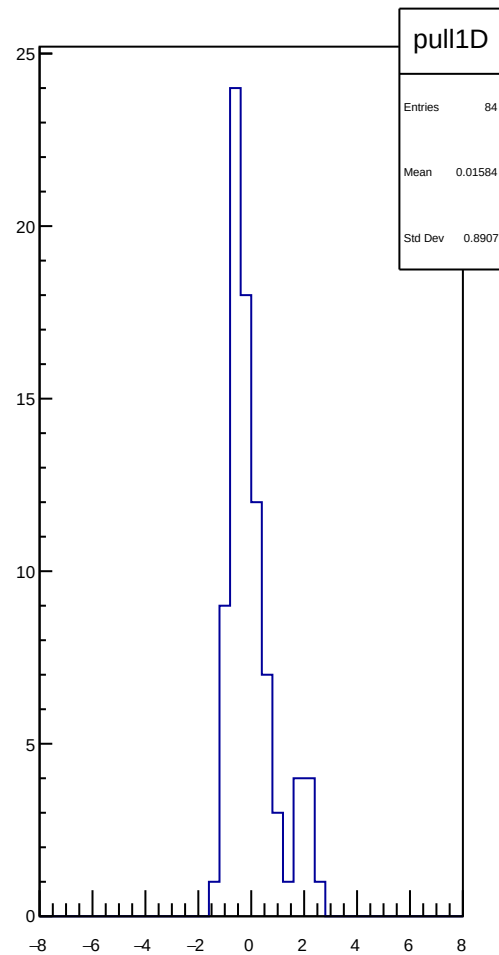
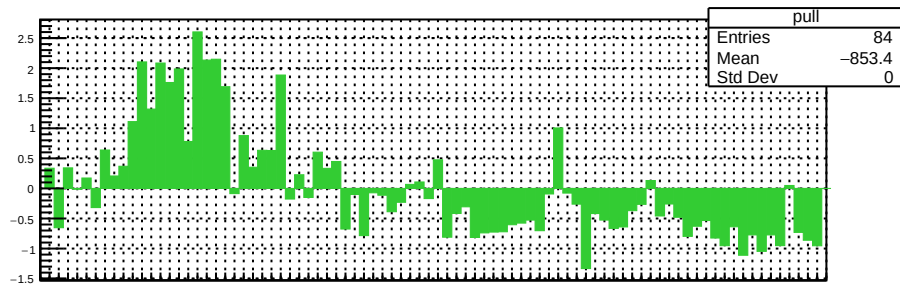
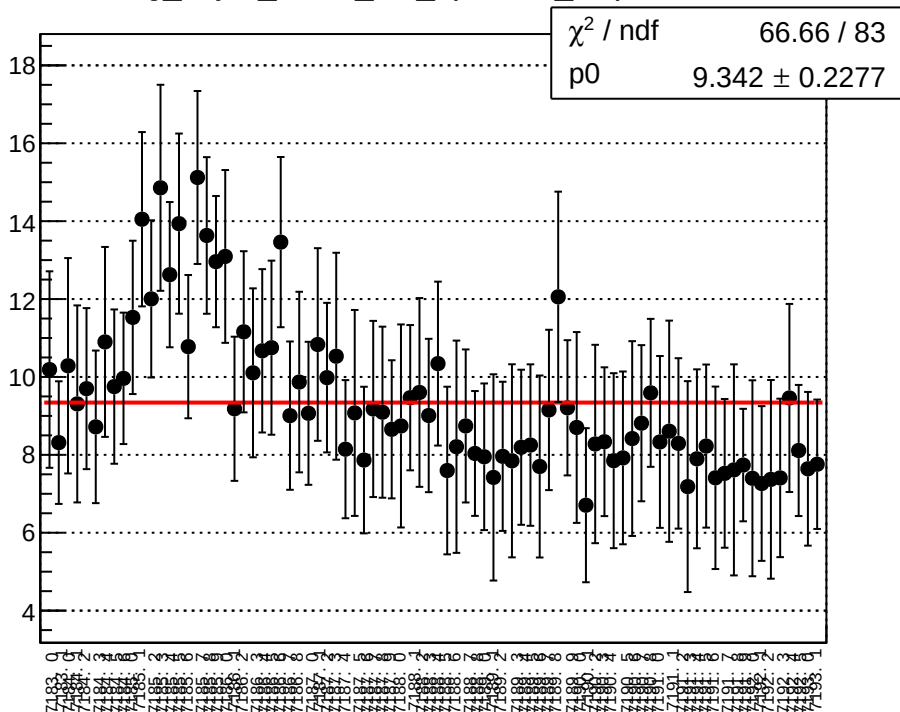
reg_asym_sam6_diff_bpm12X_slope vs run



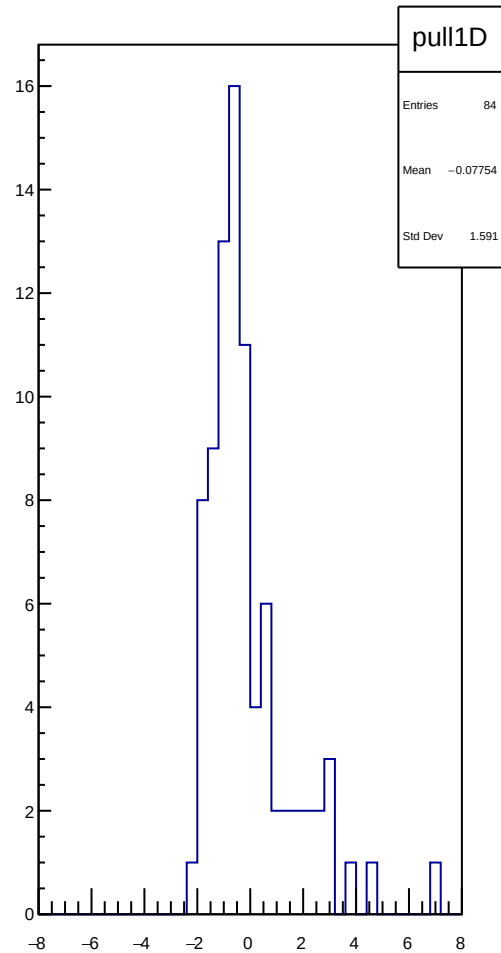
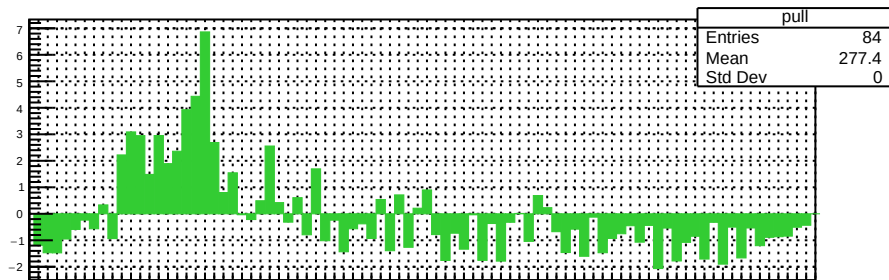
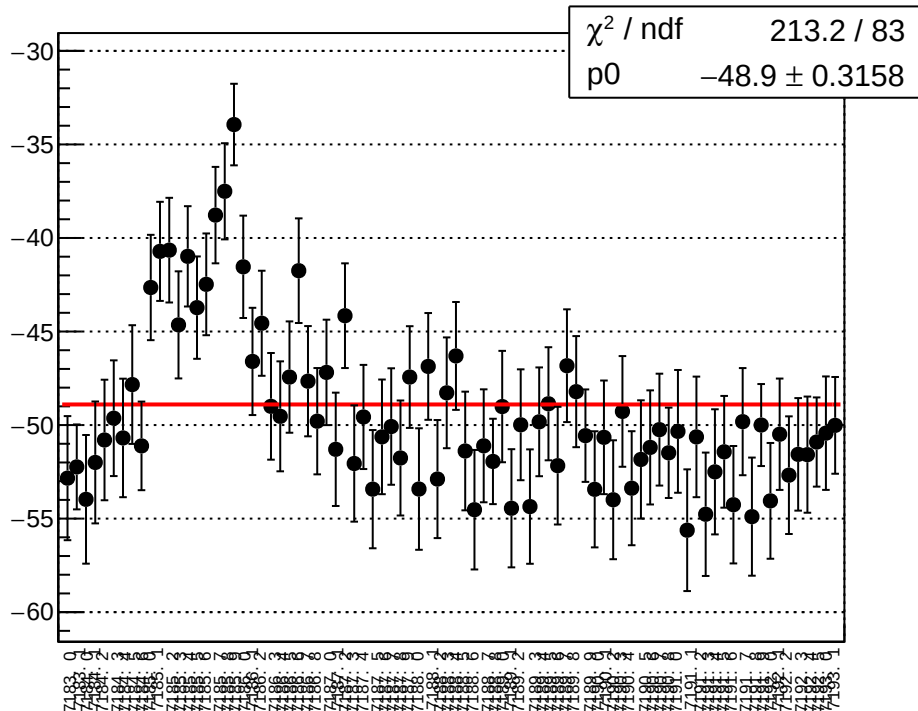
reg_asym_sam7_diff_bpm1X_slope vs run



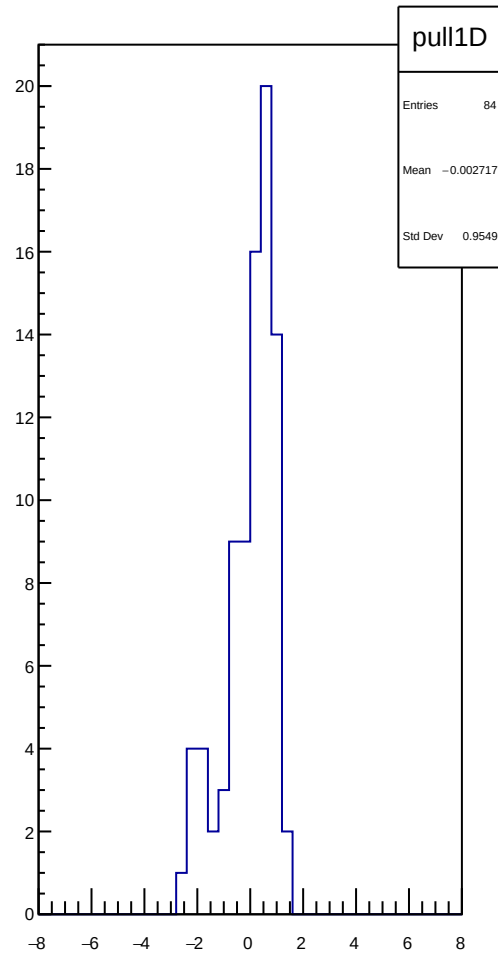
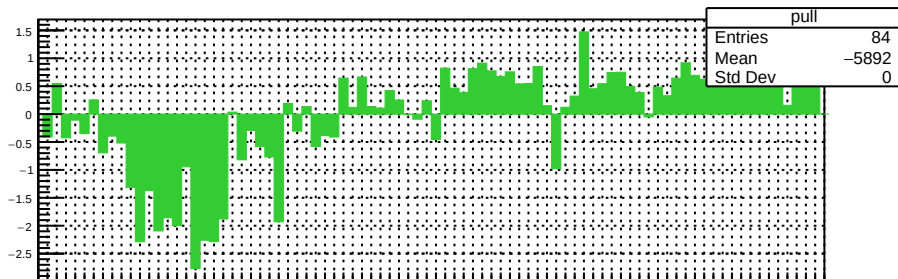
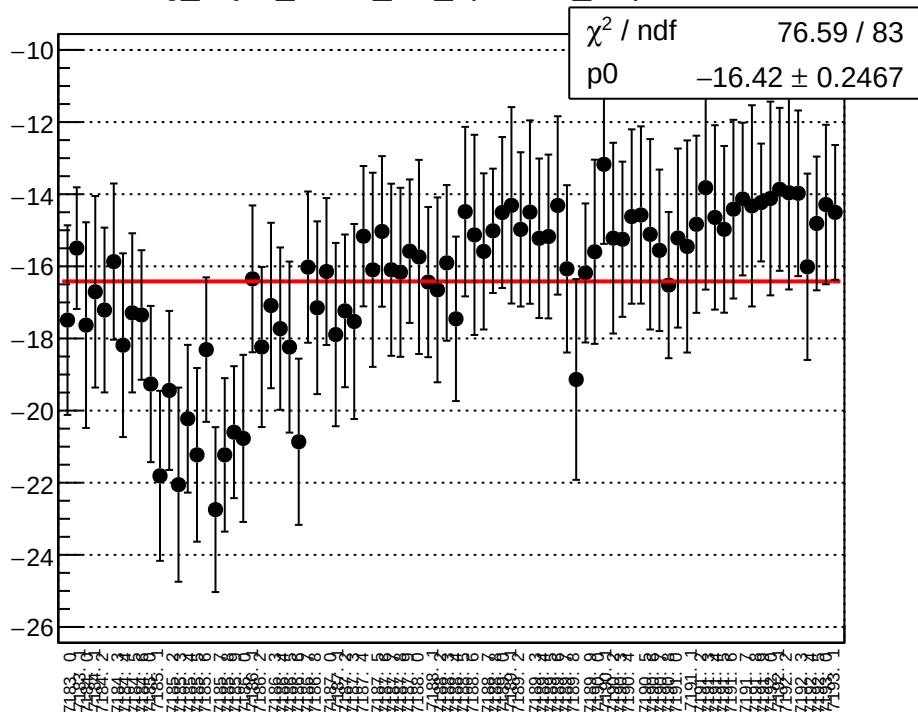
reg_asym_sam7_diff_bpm4aY_slope vs run



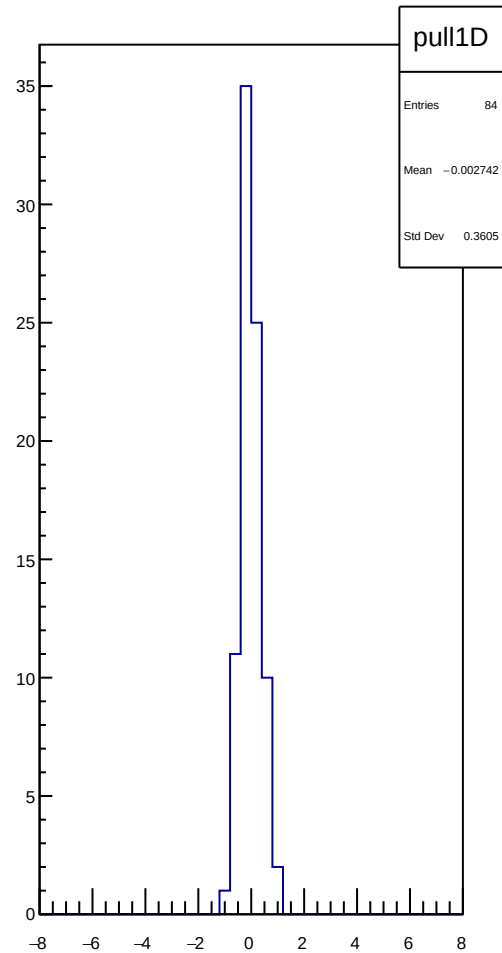
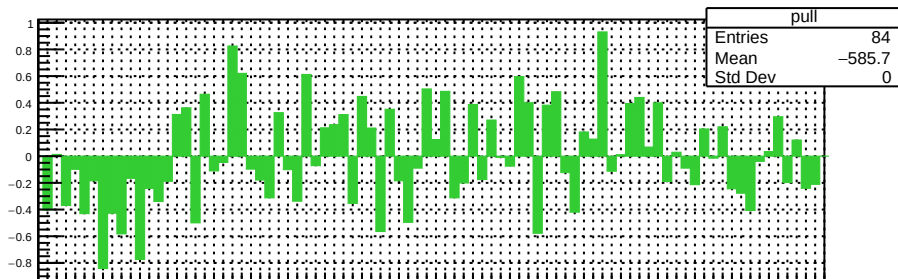
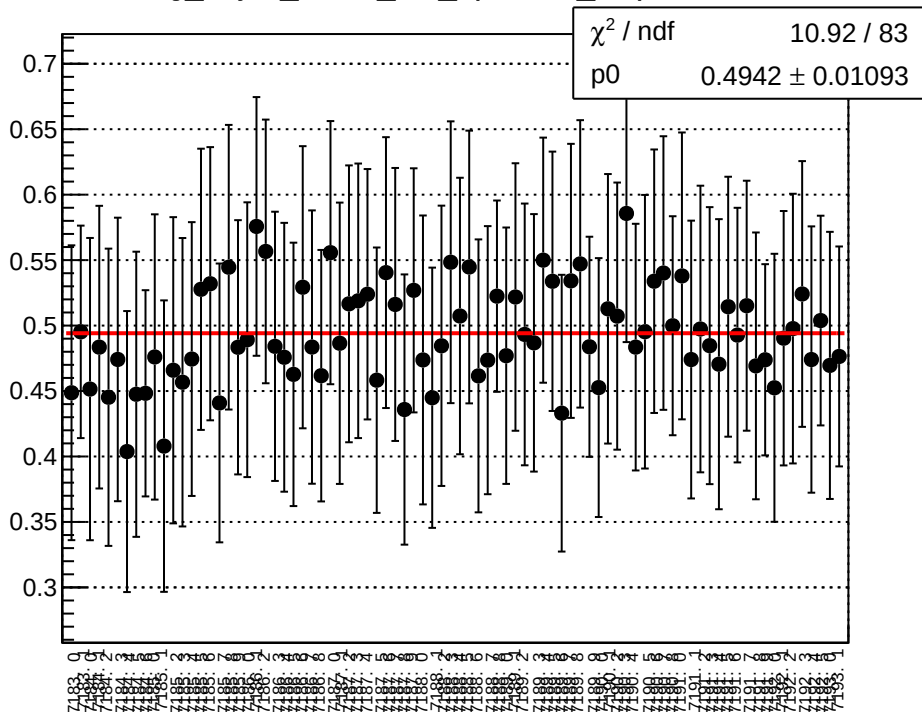
reg_asym_sam7_diff_bpm4ex_slope vs run



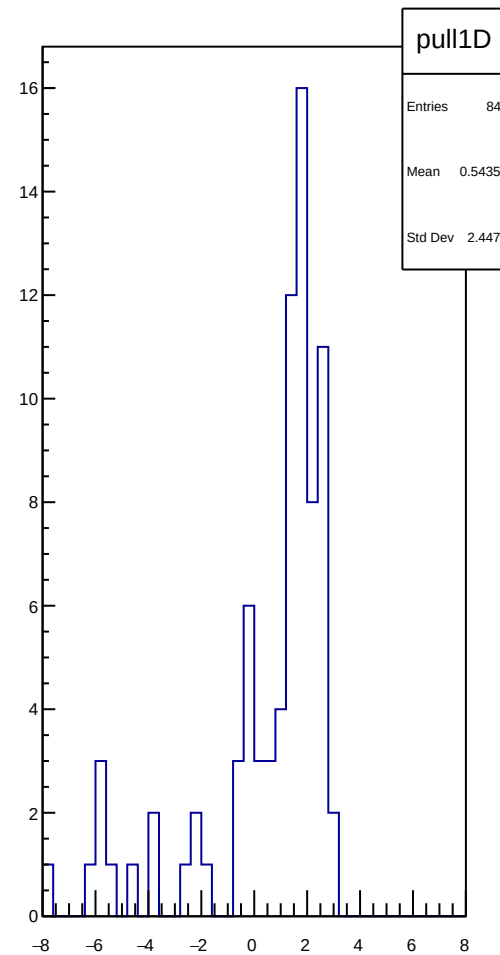
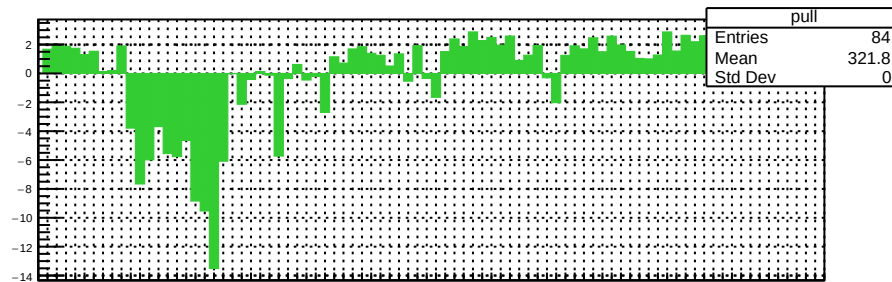
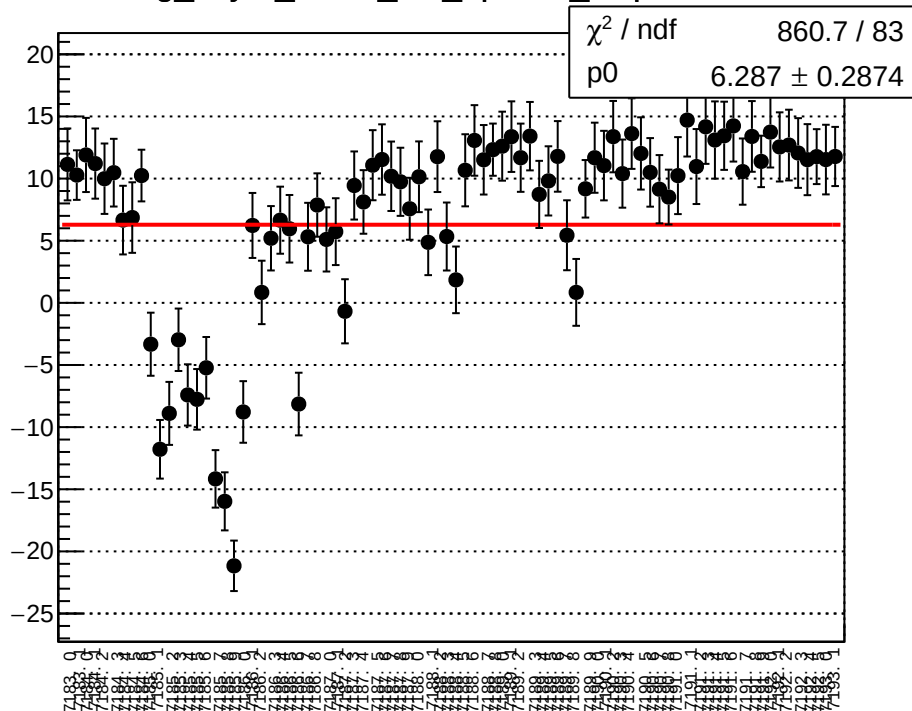
reg_asym_sam7_diff_bpm4eY_slope vs run



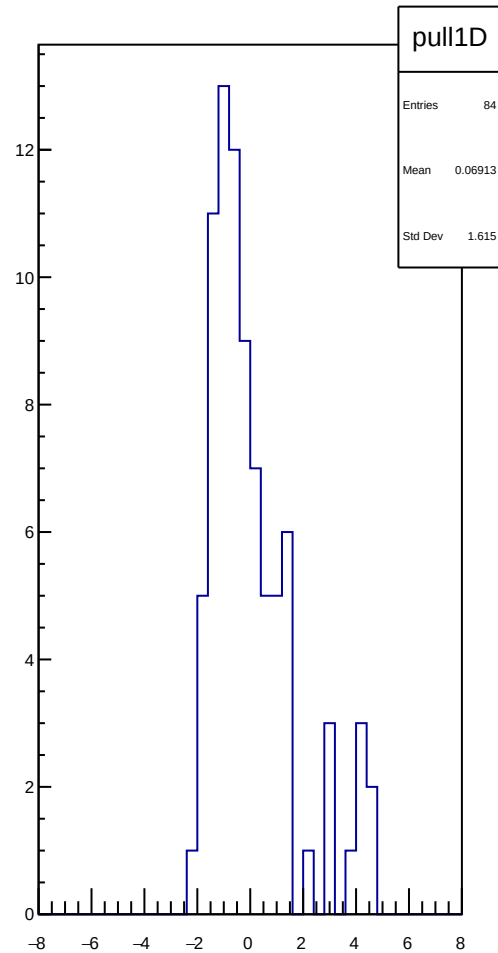
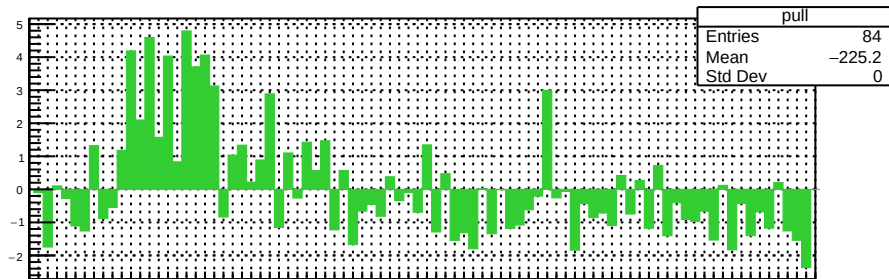
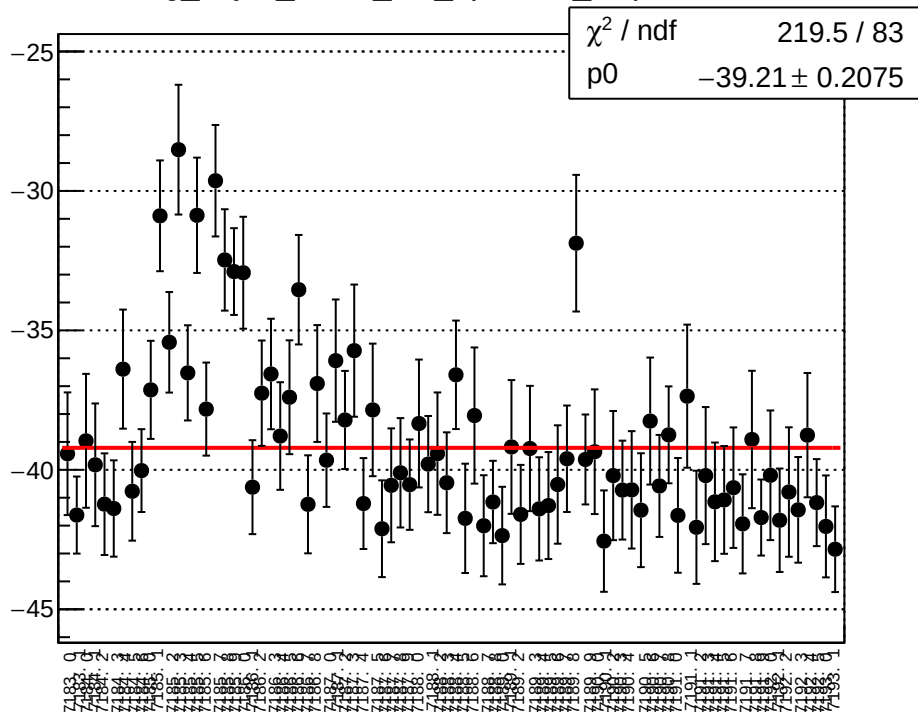
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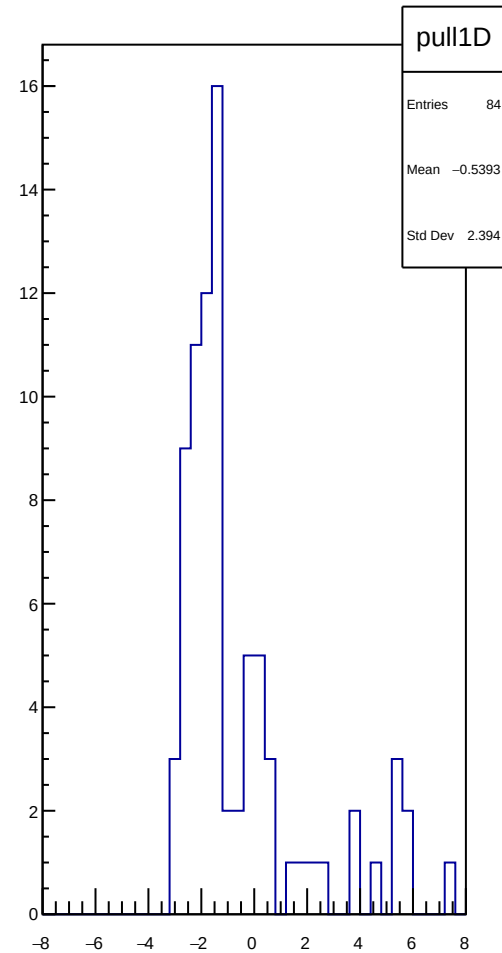
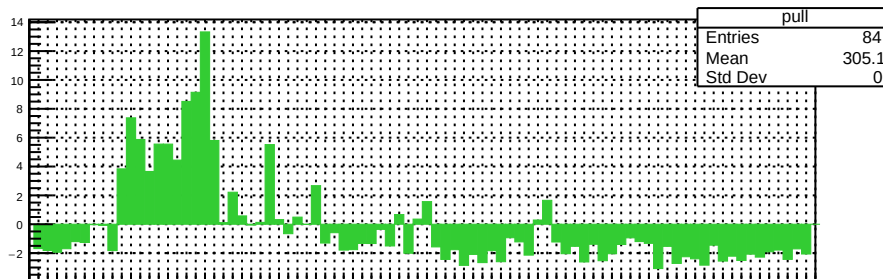
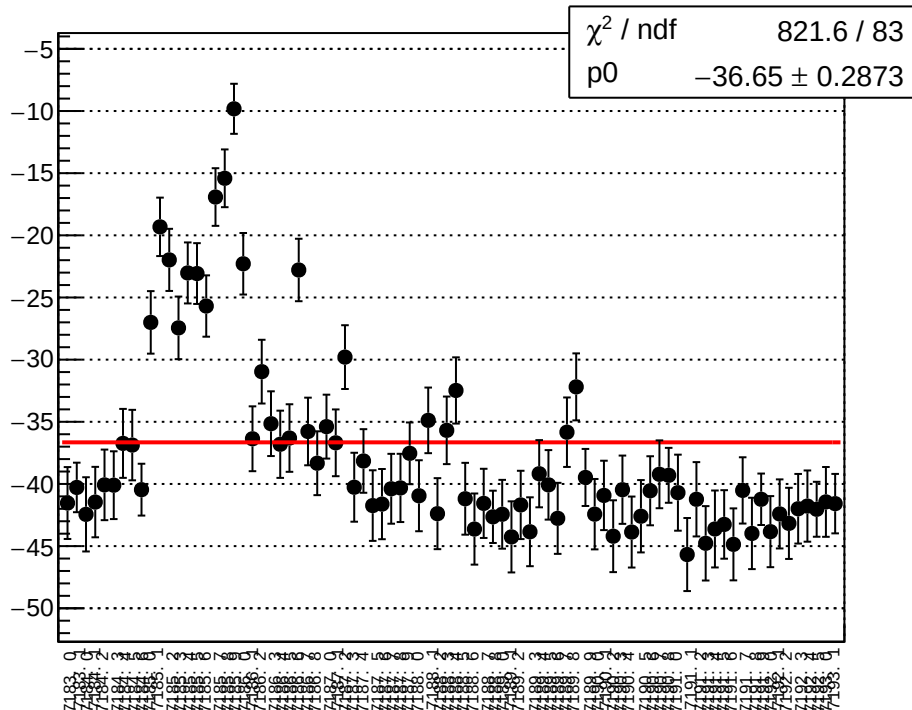
reg_asym_sam8_diff_bpm1X_slope vs run



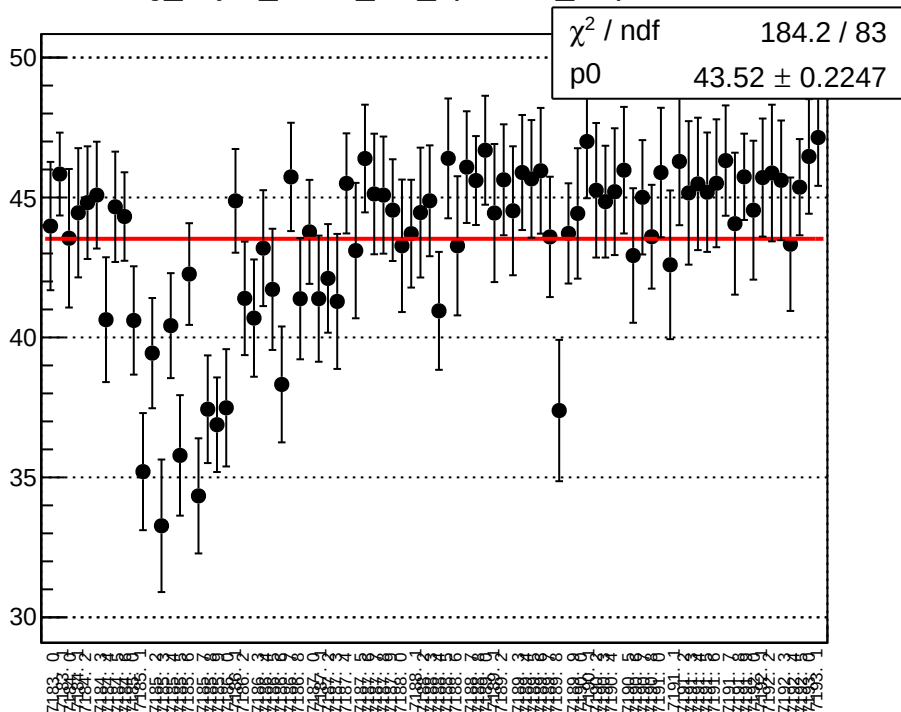
reg_asym_sam8_diff_bpm4aY_slope vs run



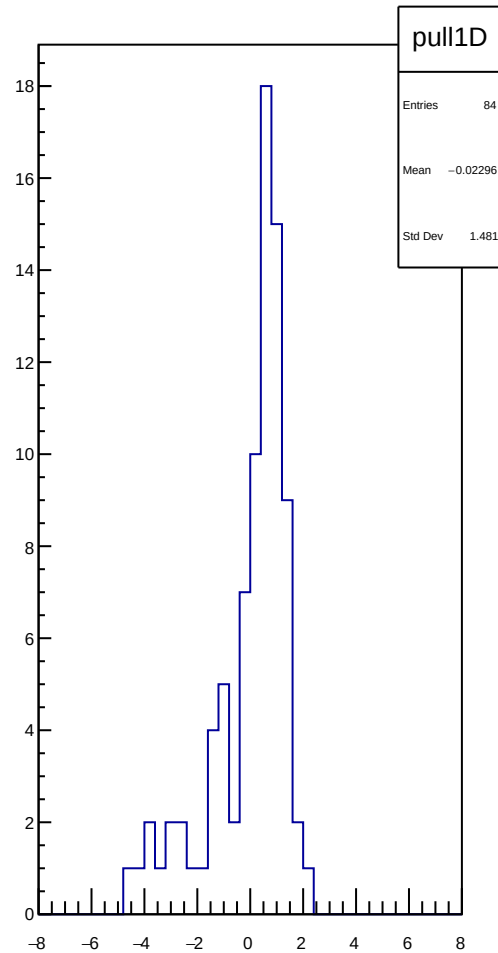
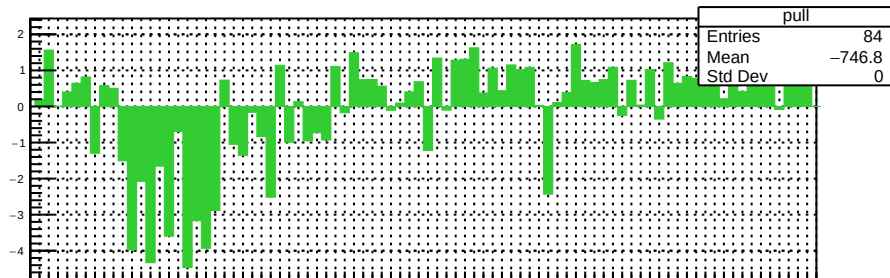
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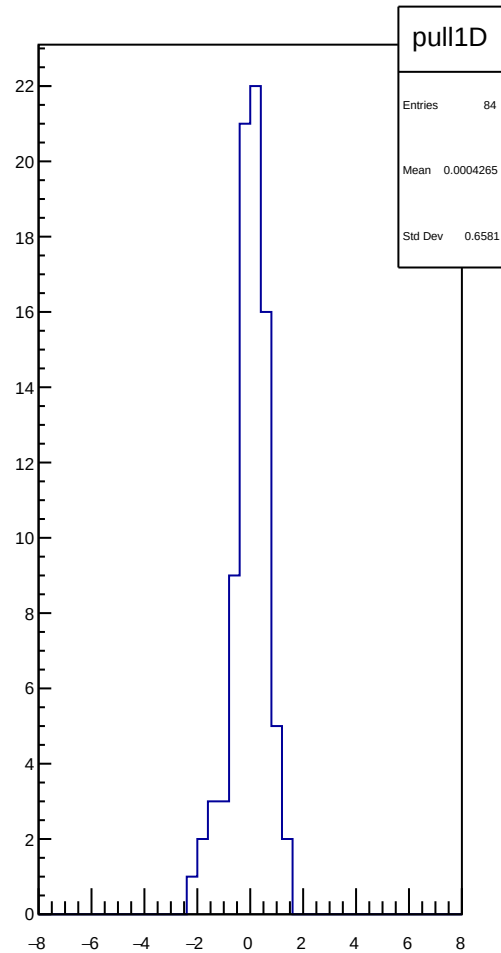
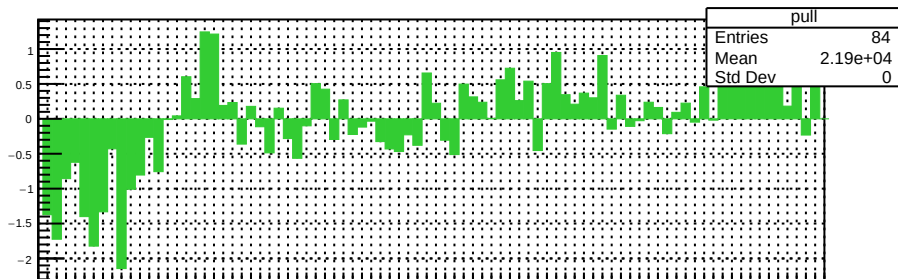
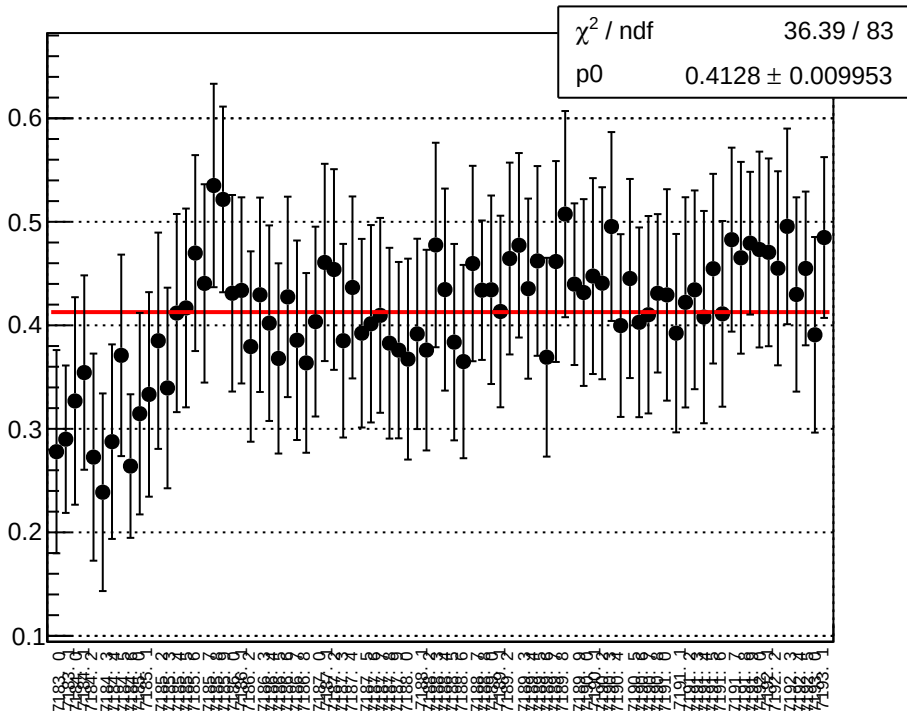
reg_asym_sam8_diff_bpm4eY_slope vs run



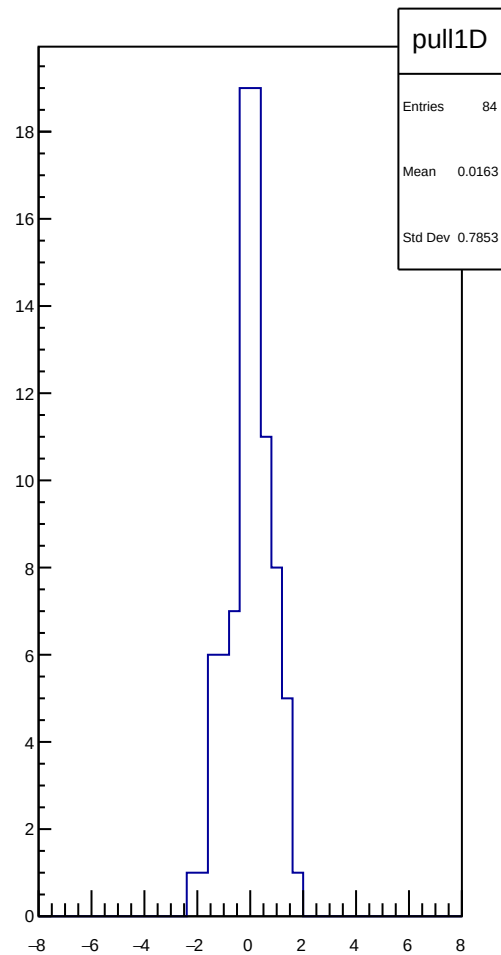
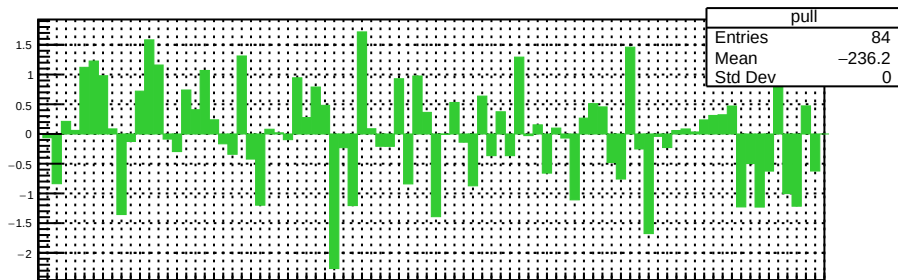
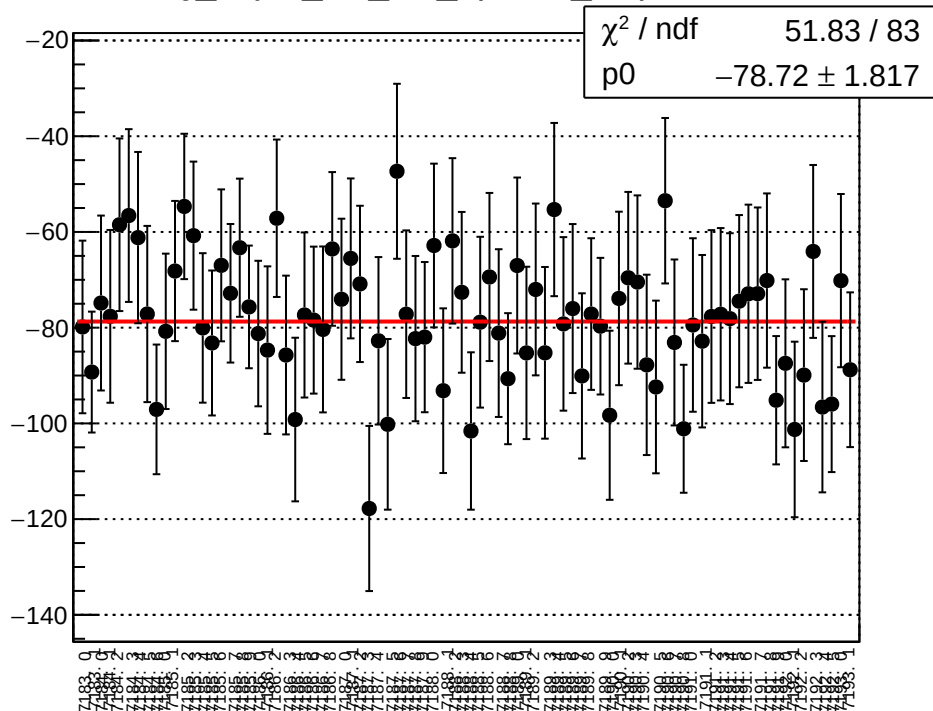
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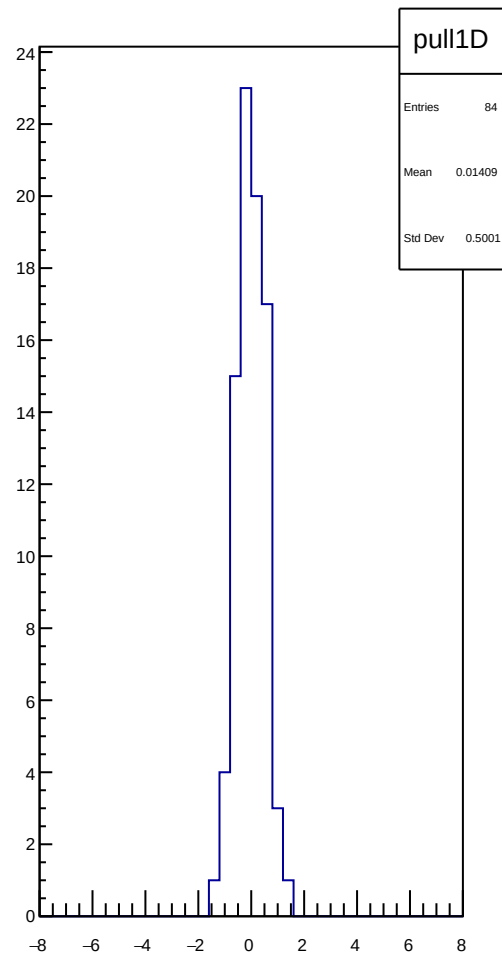
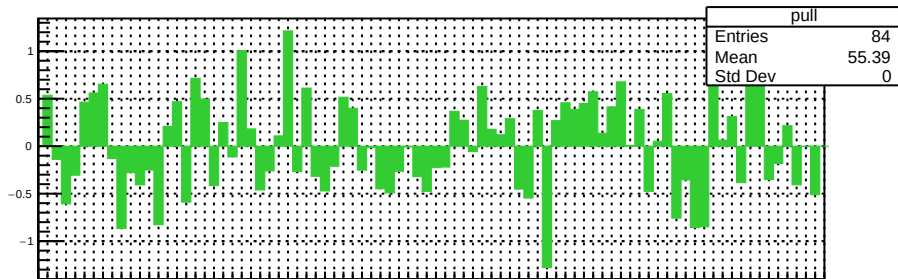
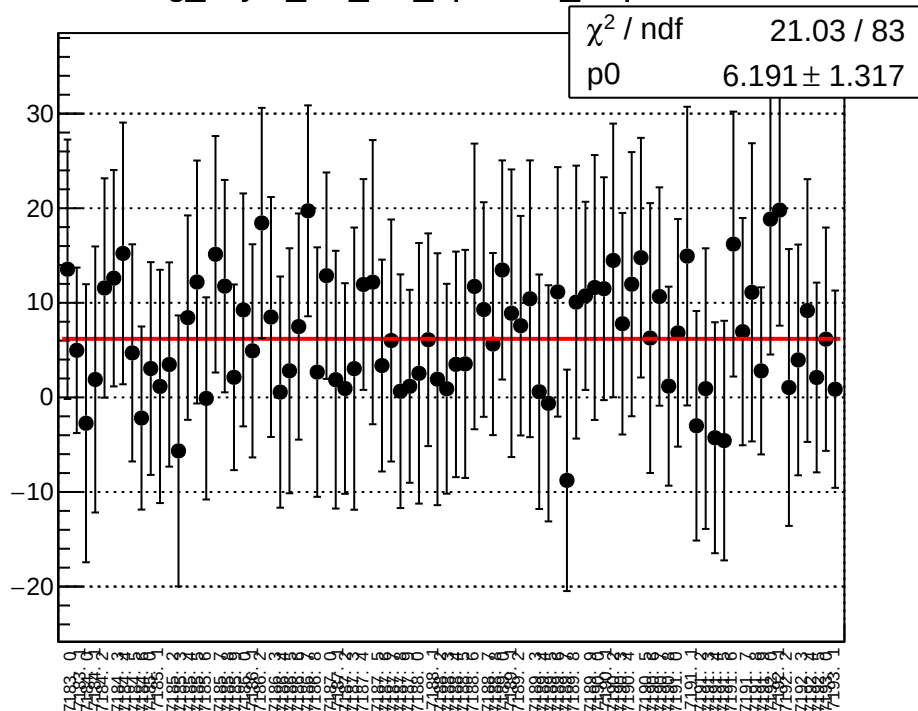
reg_asym_sam8_diff_bpm12X_slope vs run



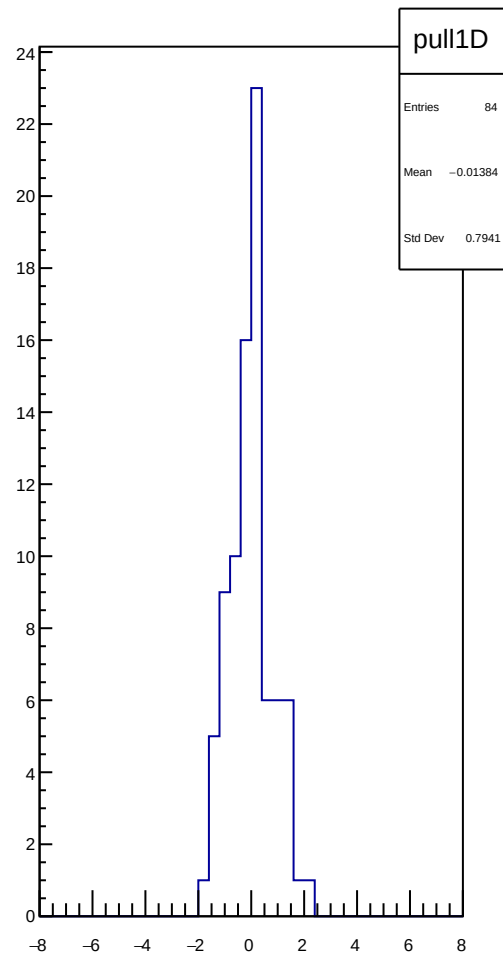
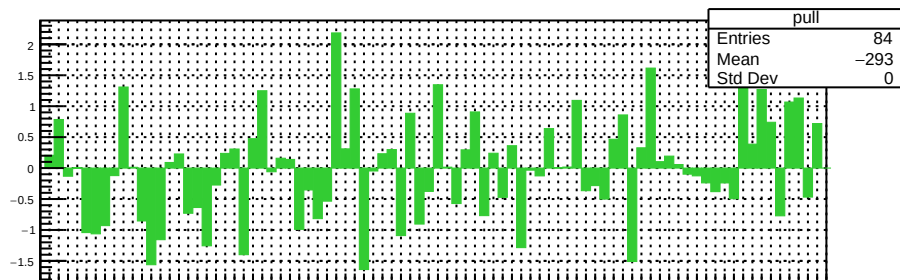
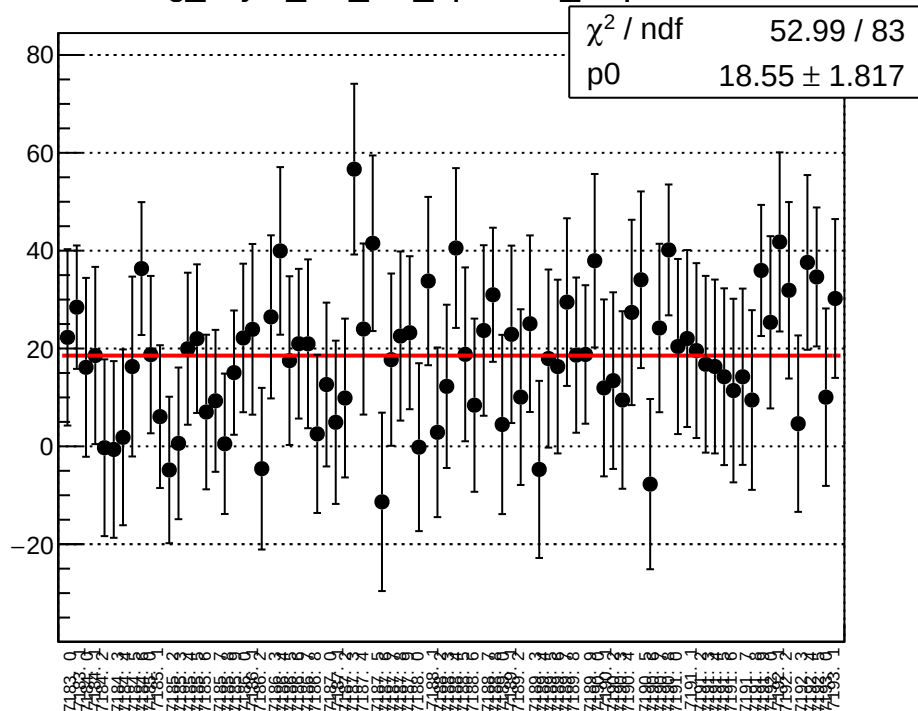
reg_asym_usl_diff_bpm1X_slope vs run



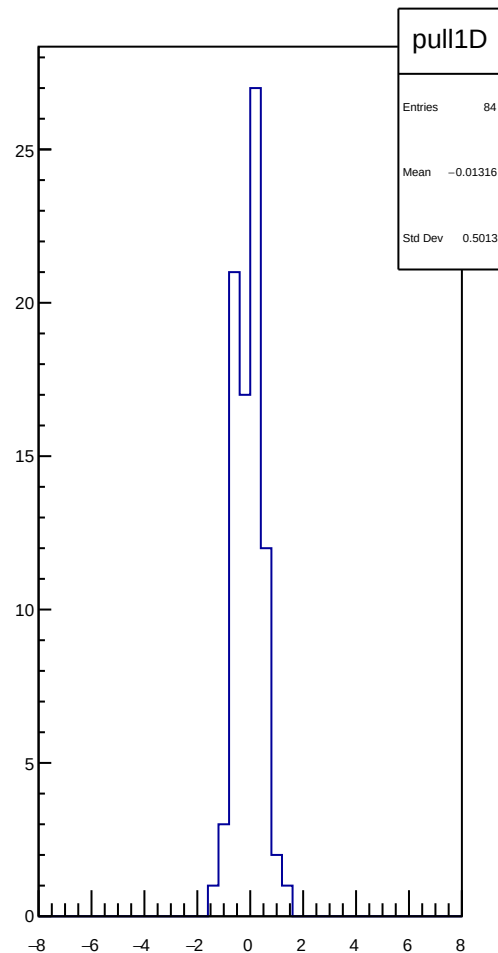
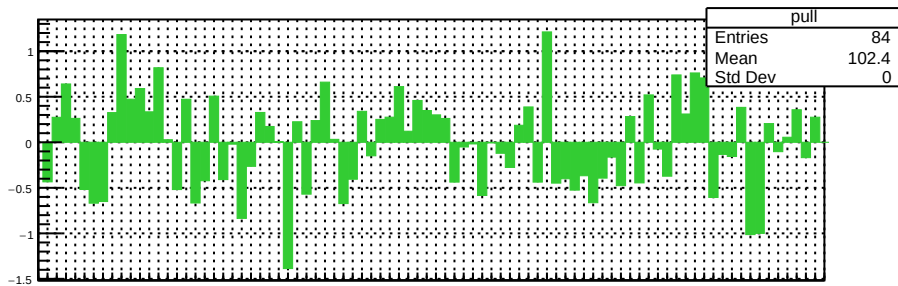
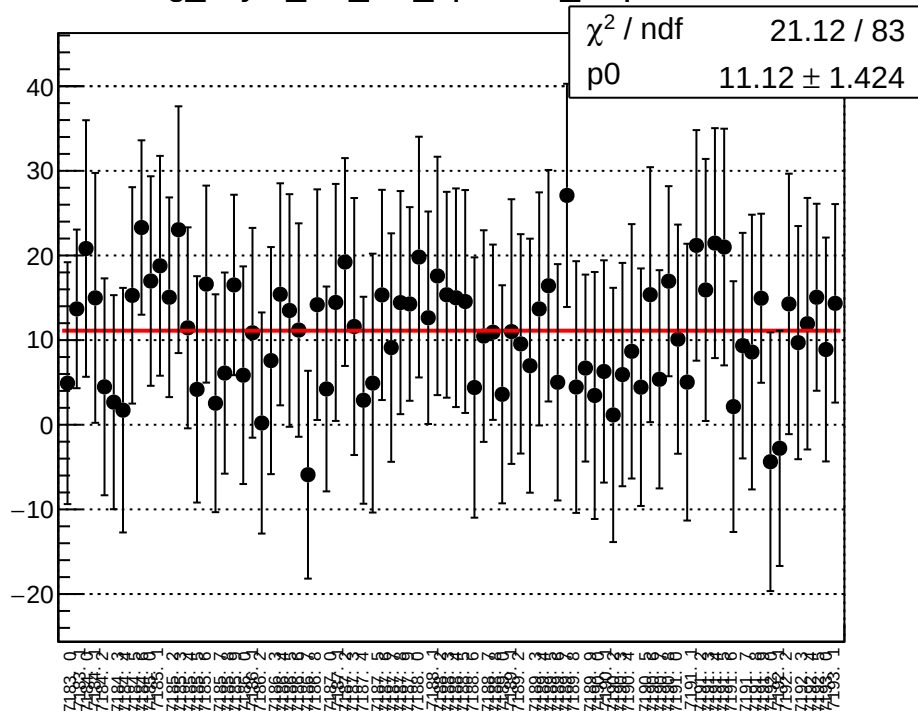
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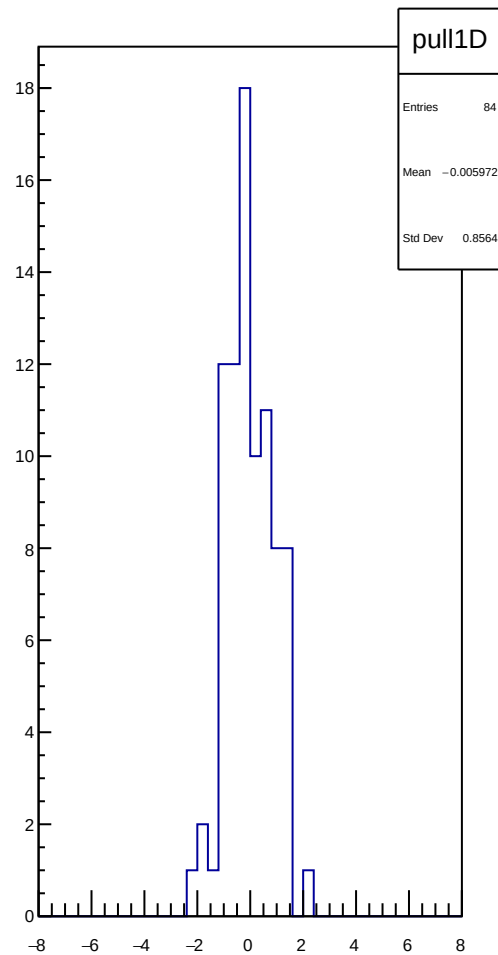
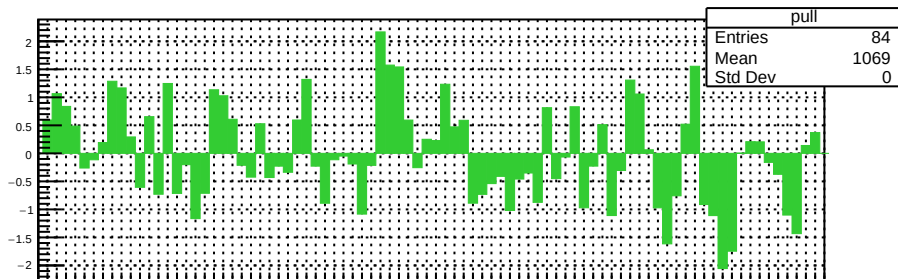
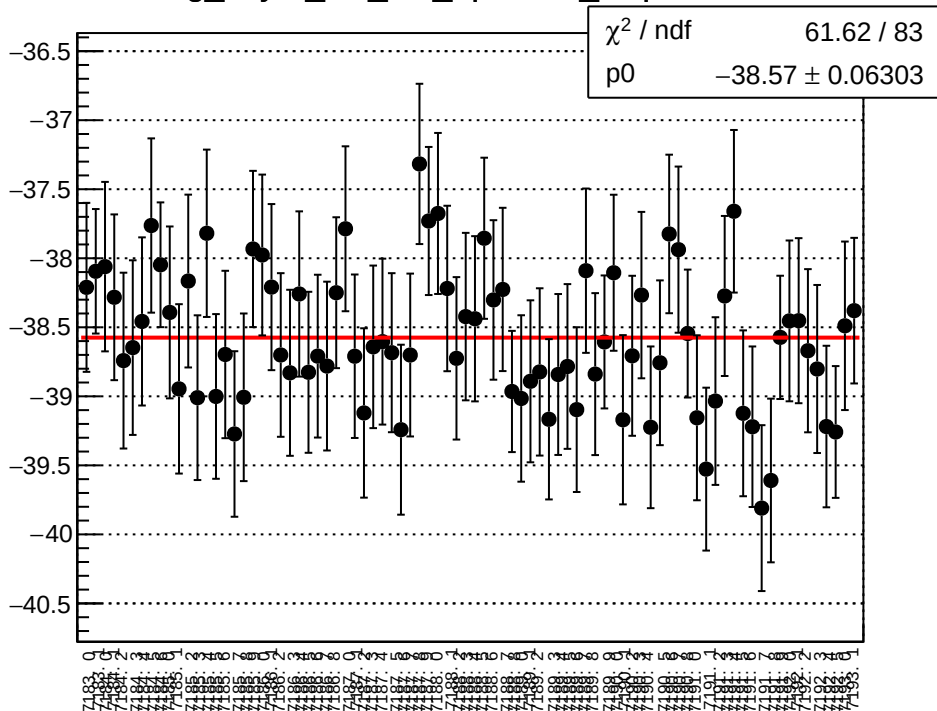
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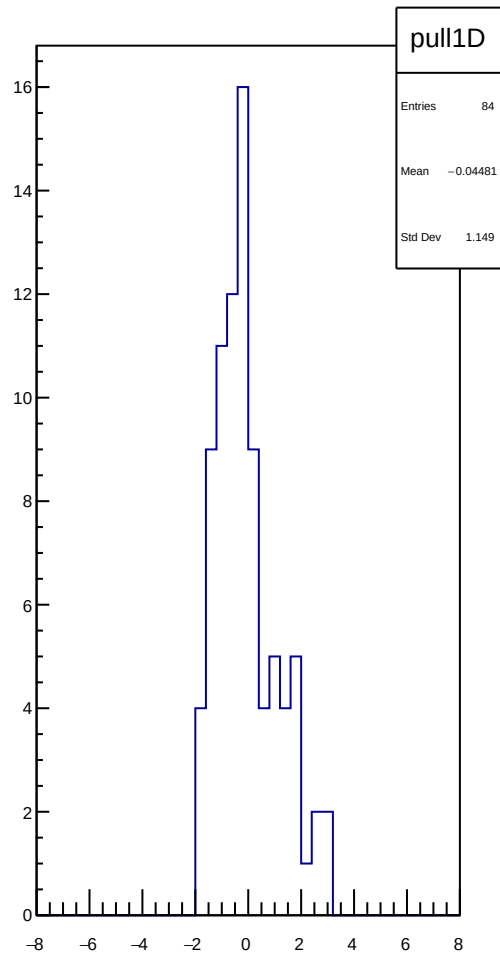
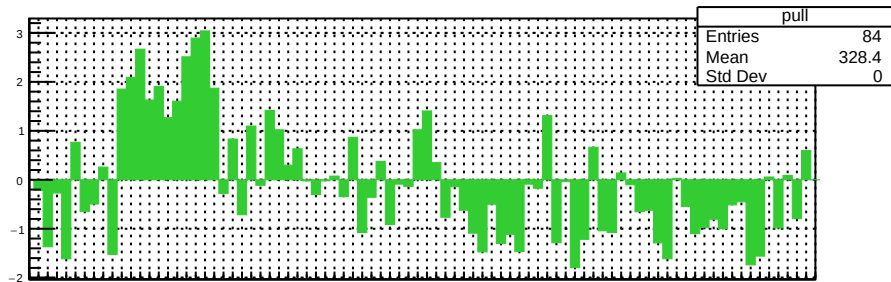
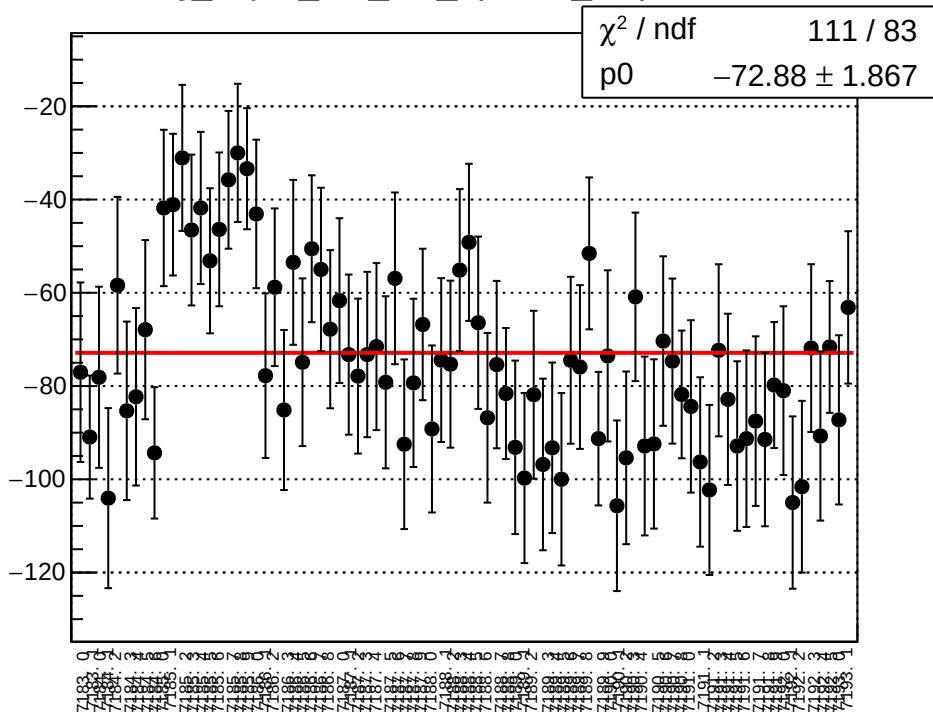
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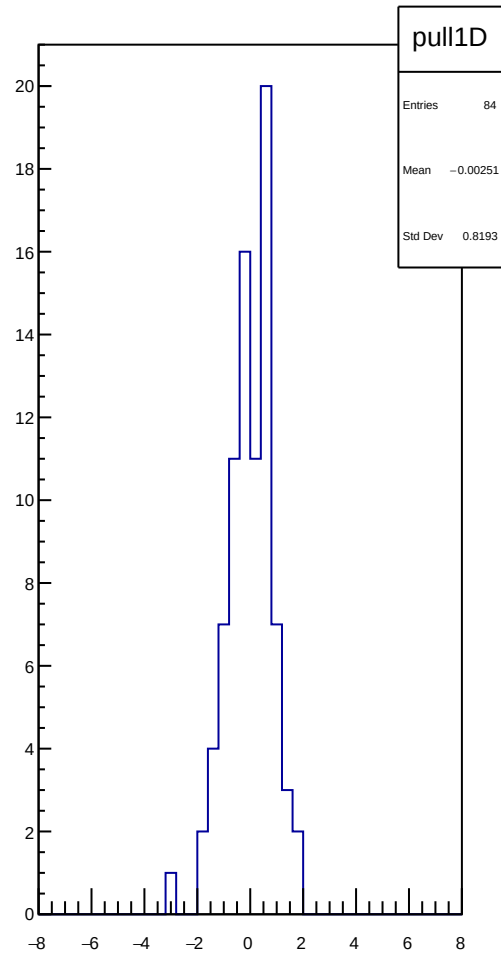
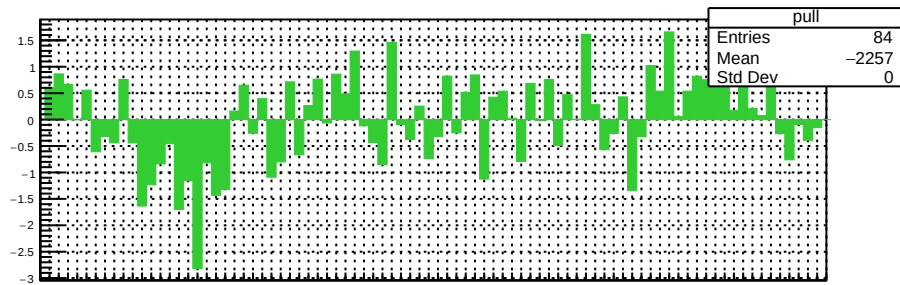
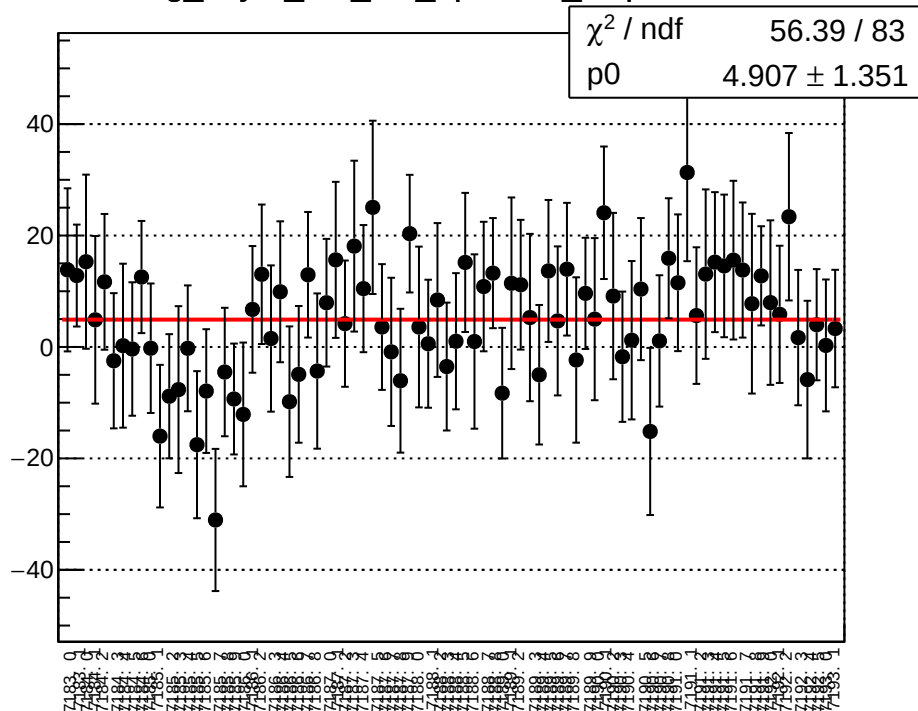
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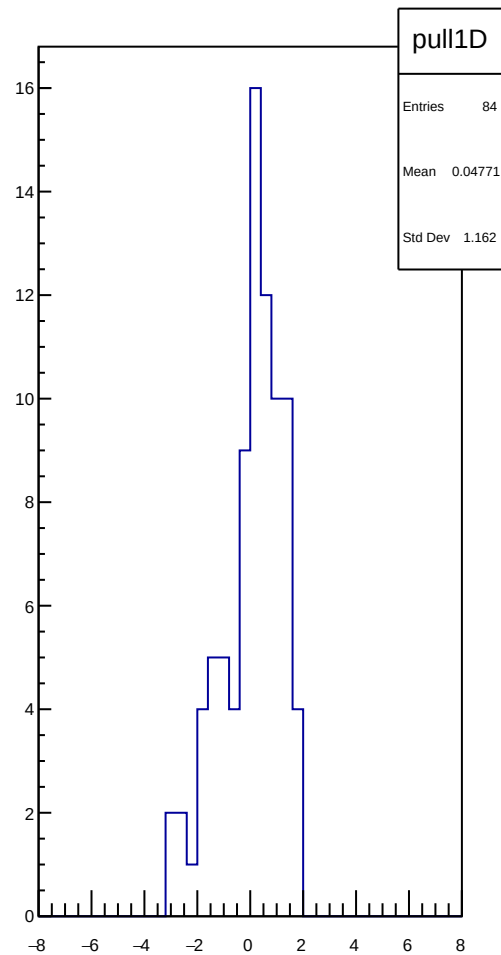
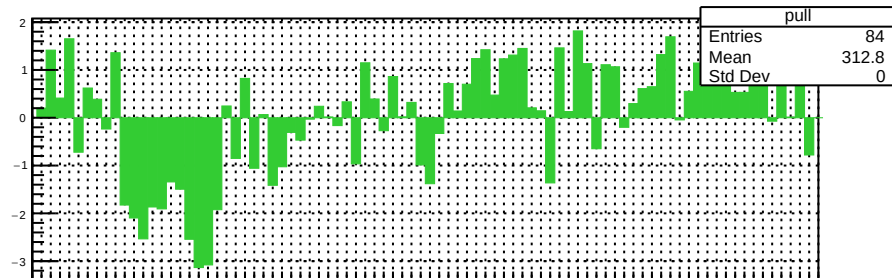
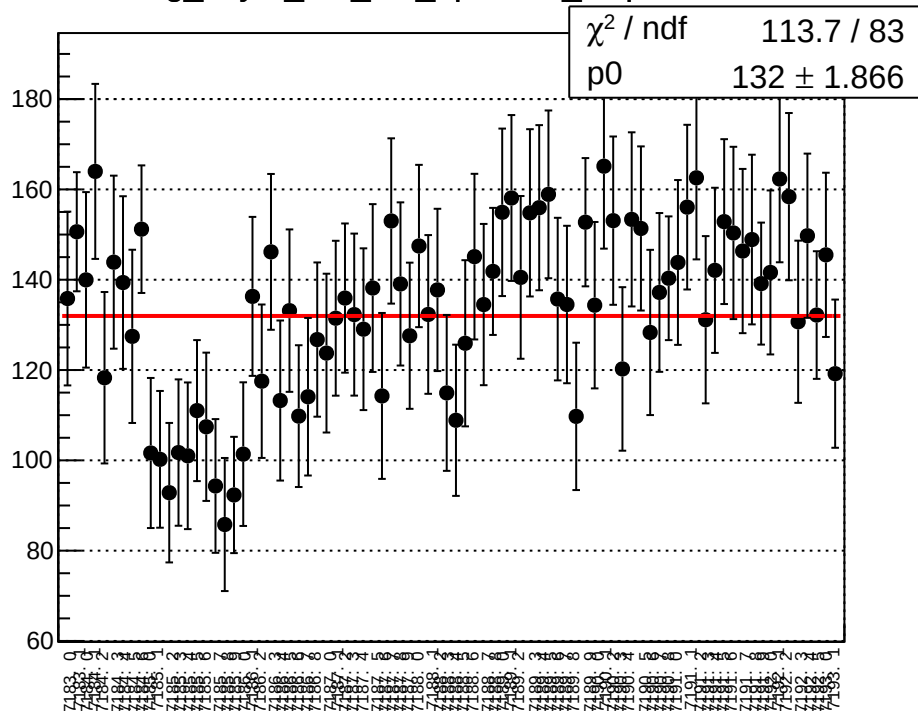
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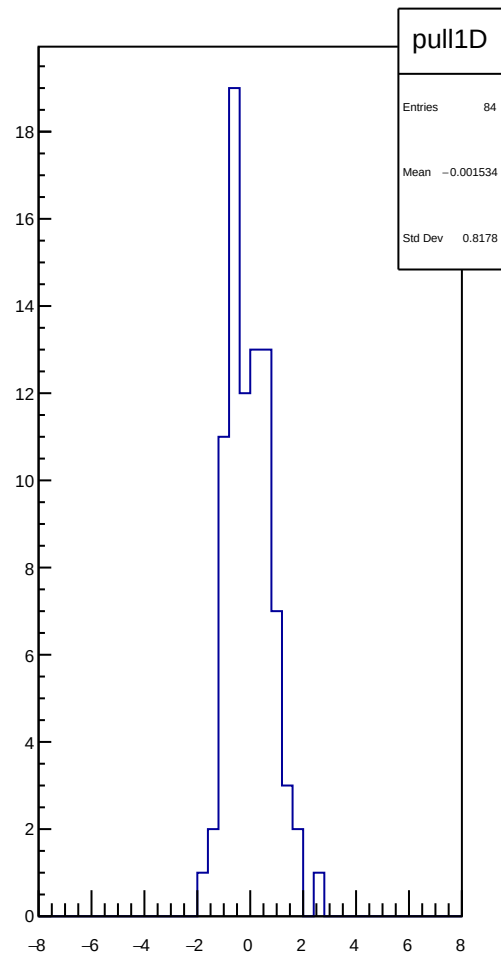
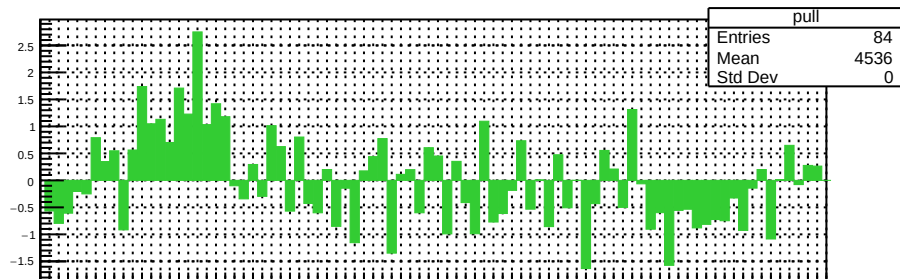
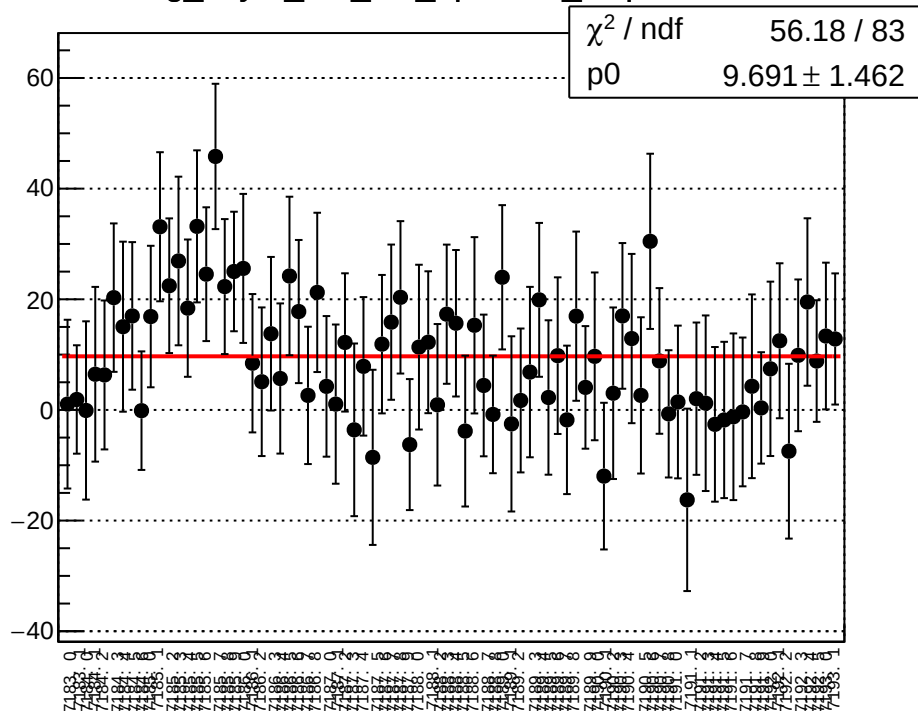
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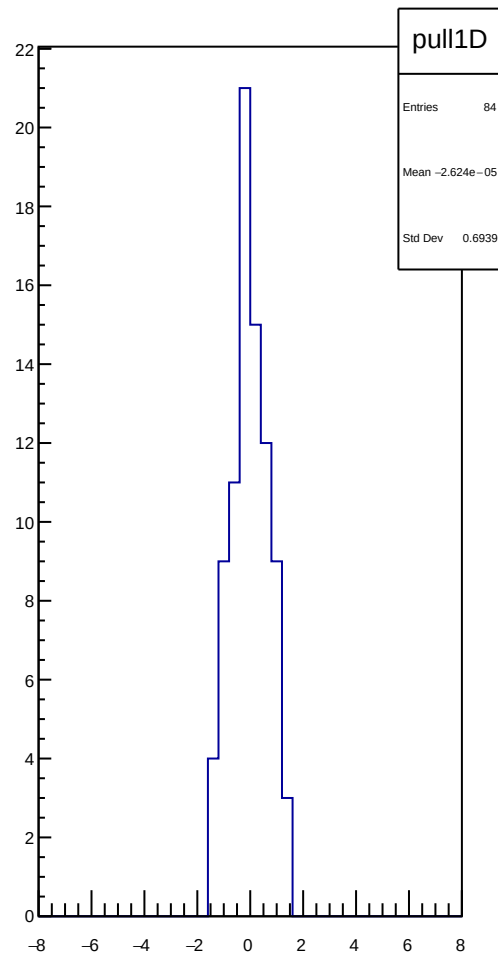
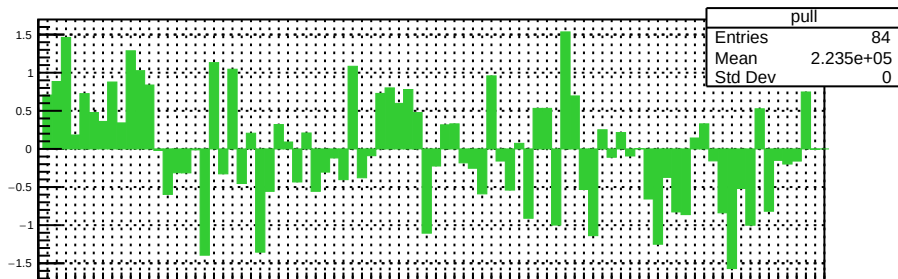
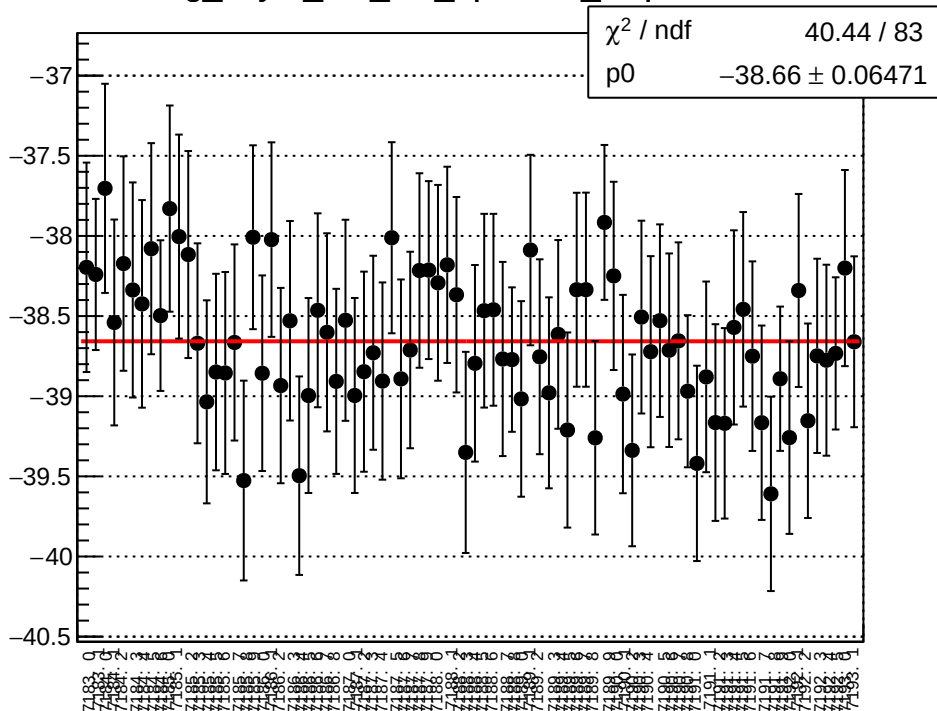
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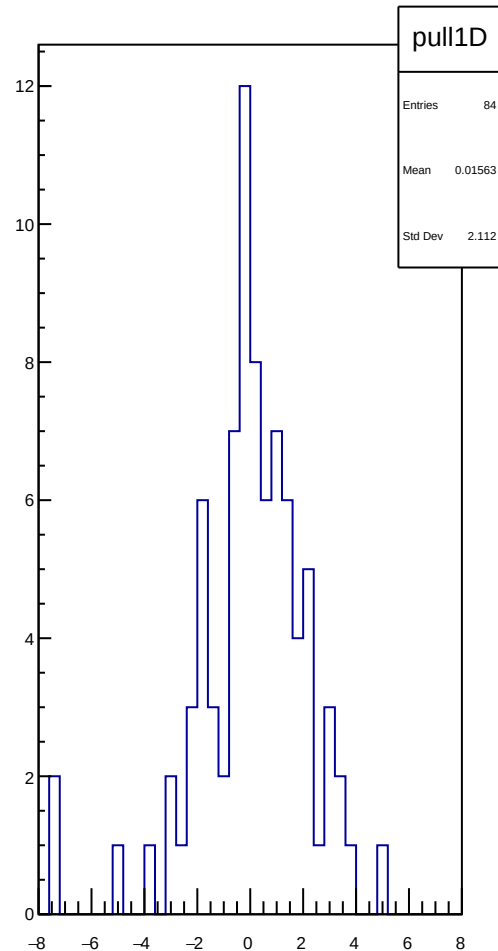
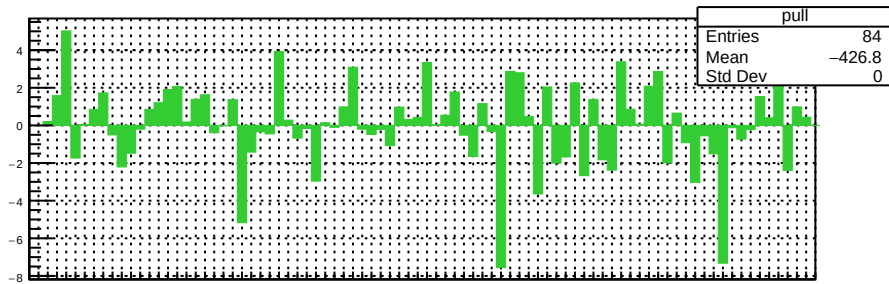
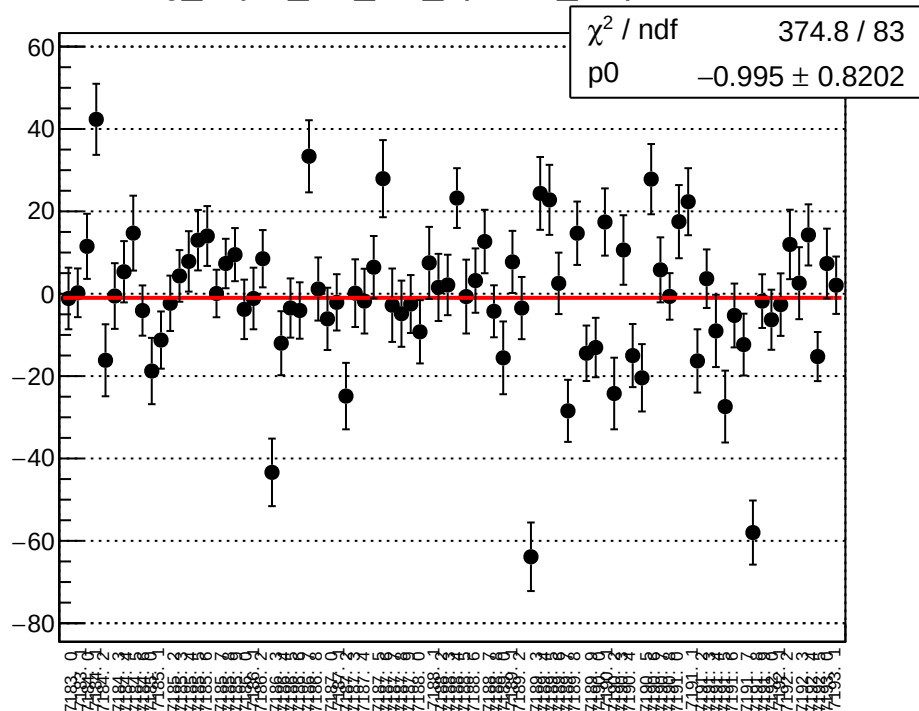
reg_asym_usr_diff_bpm4eY_slope vs run



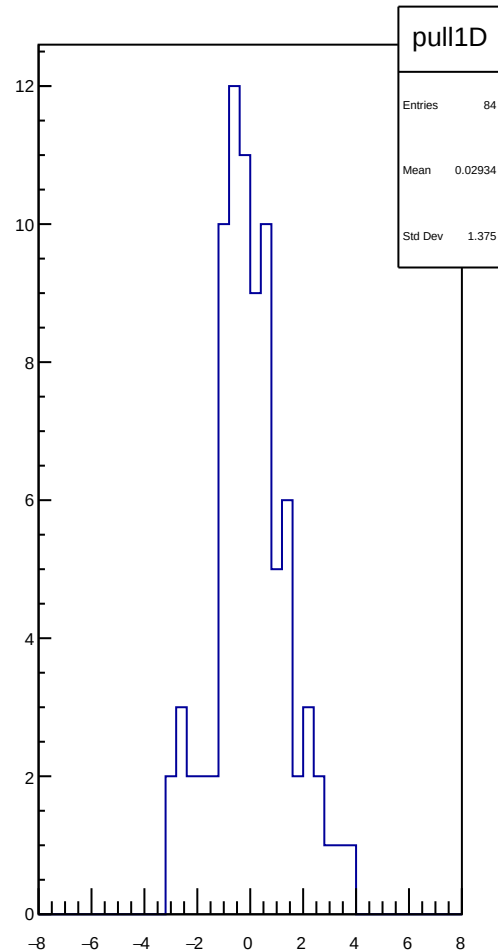
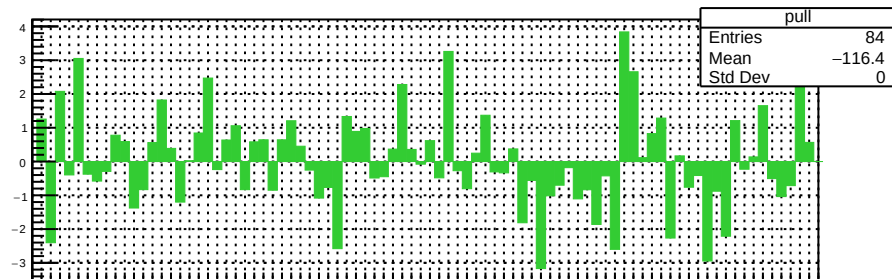
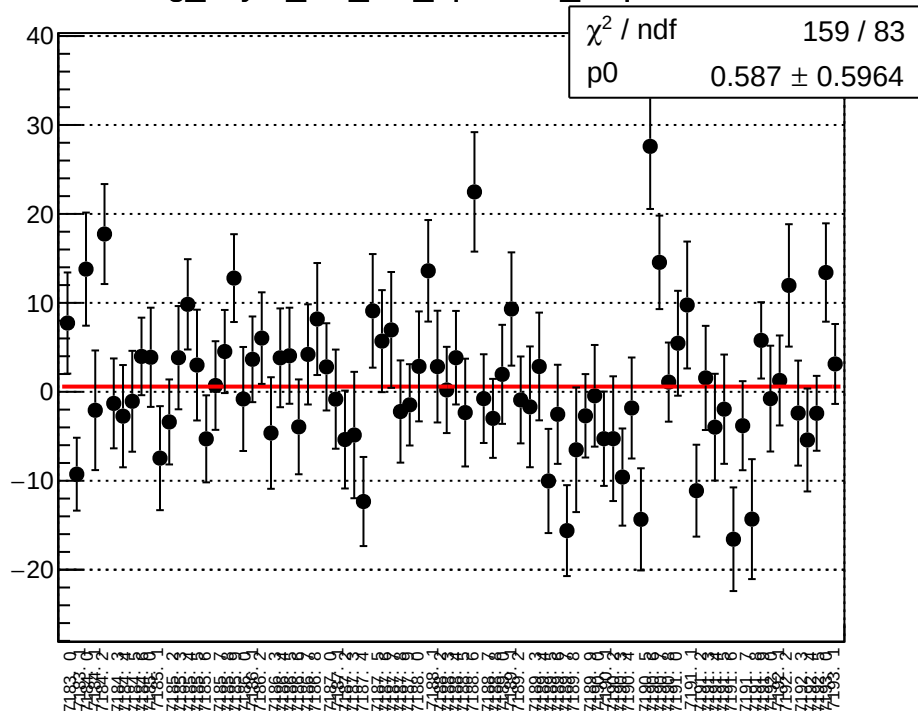
reg_asym_usr_diff_bpm12X_slope vs run



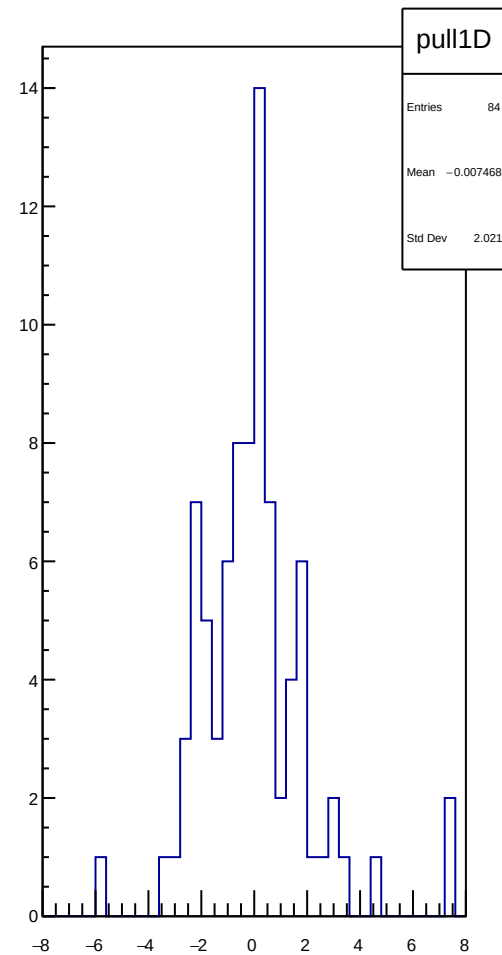
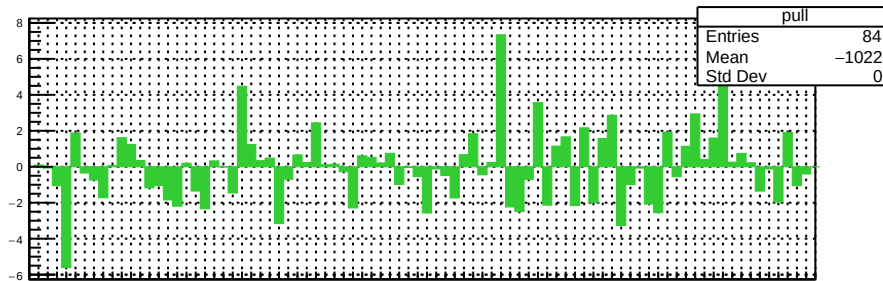
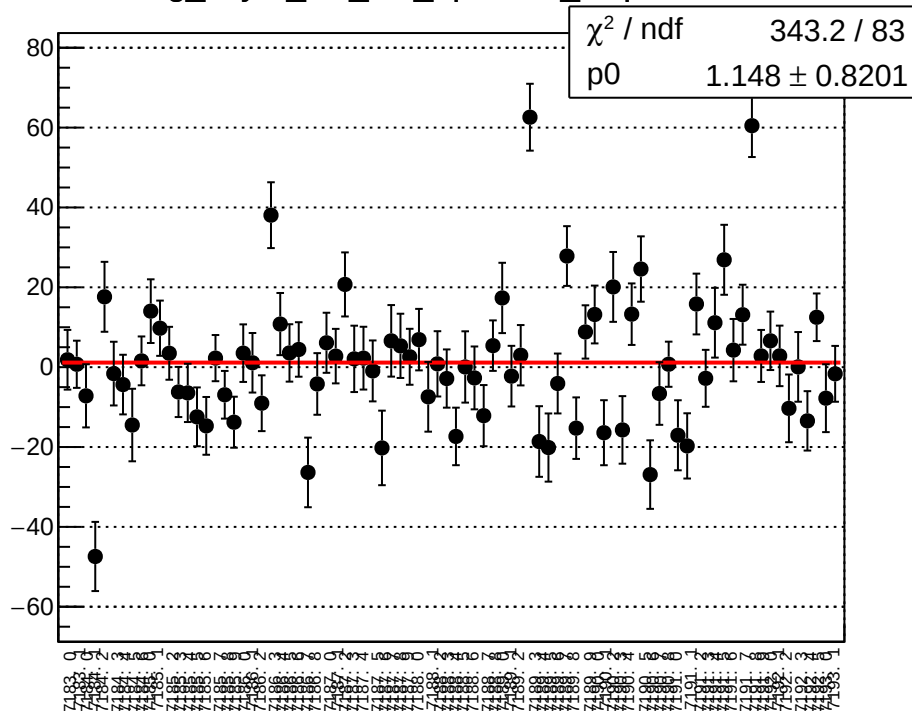
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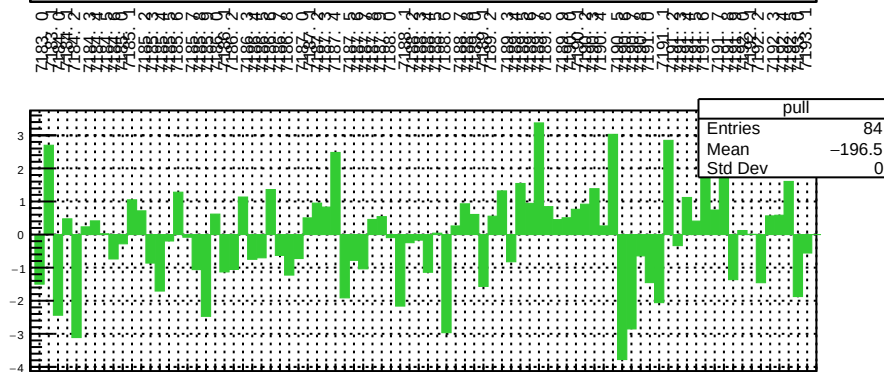
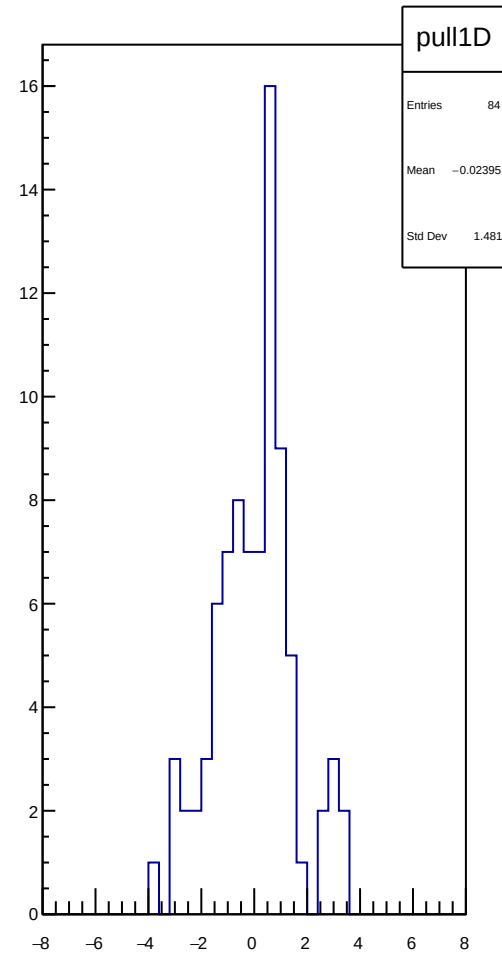
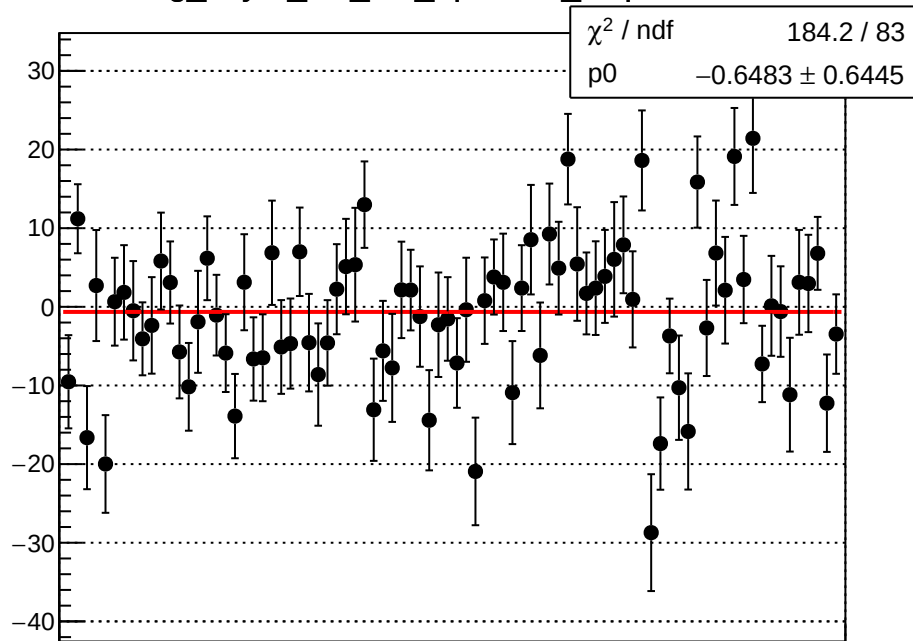
reg_asym_dsl_diff_bpm4aY_slope vs run



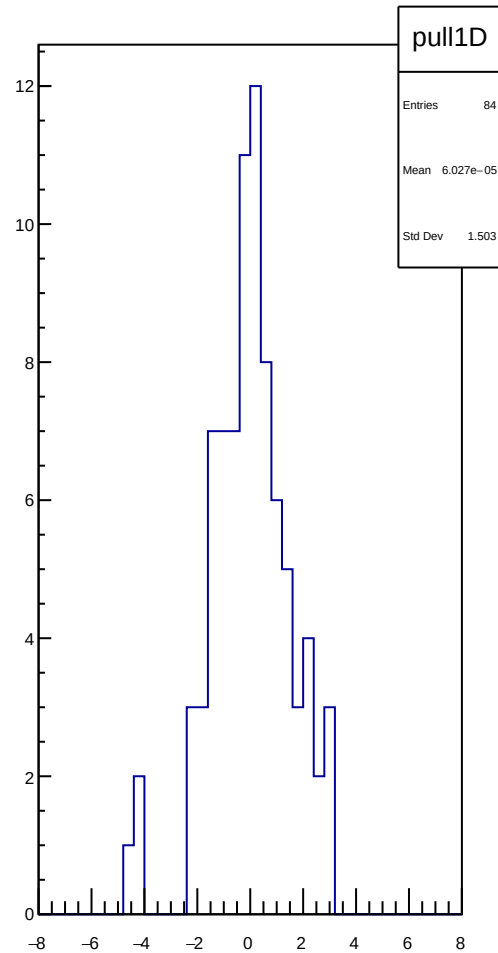
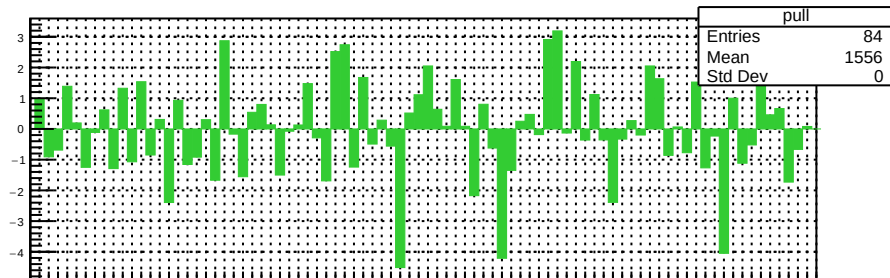
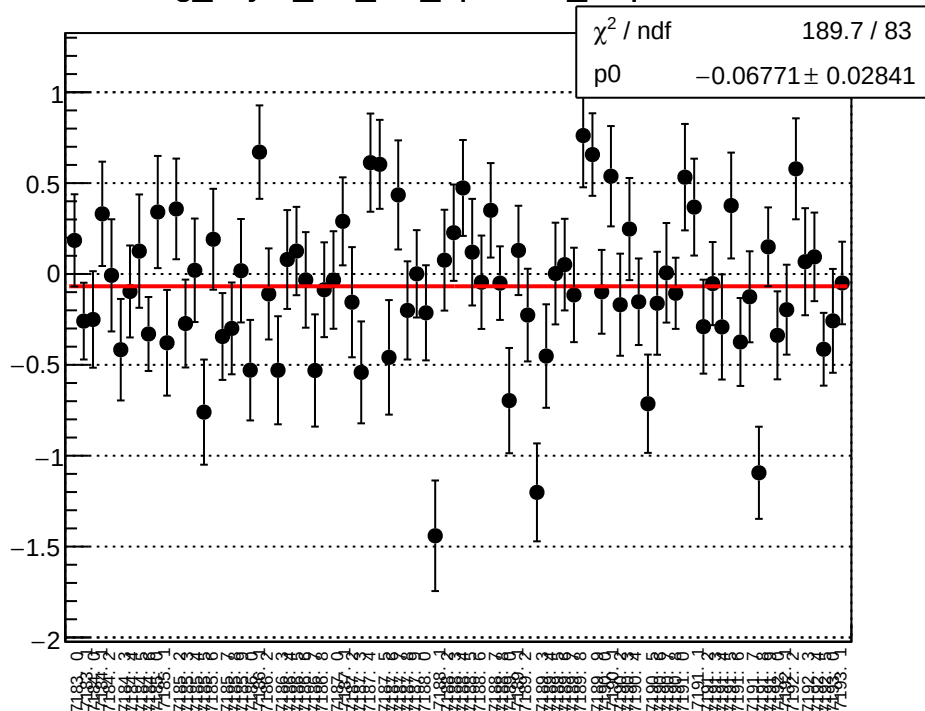
reg_asym_dsl_diff_bpm4eX_slope vs run



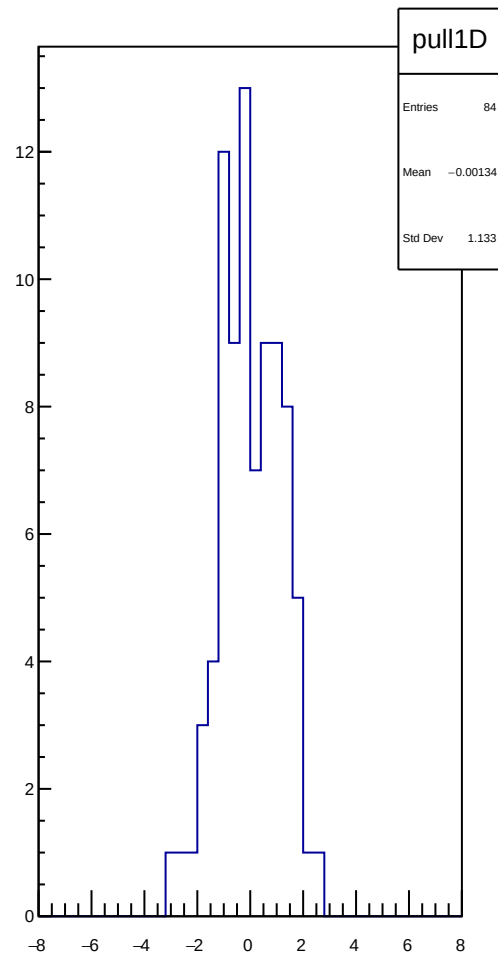
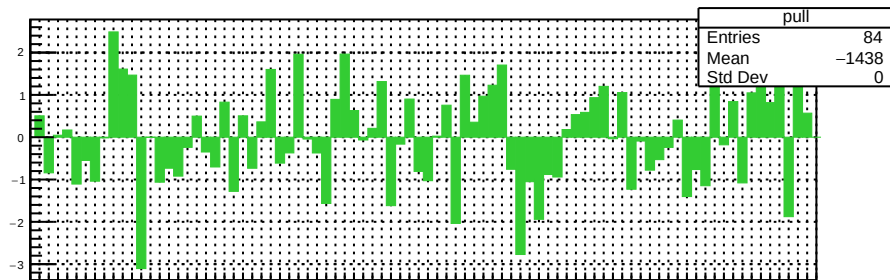
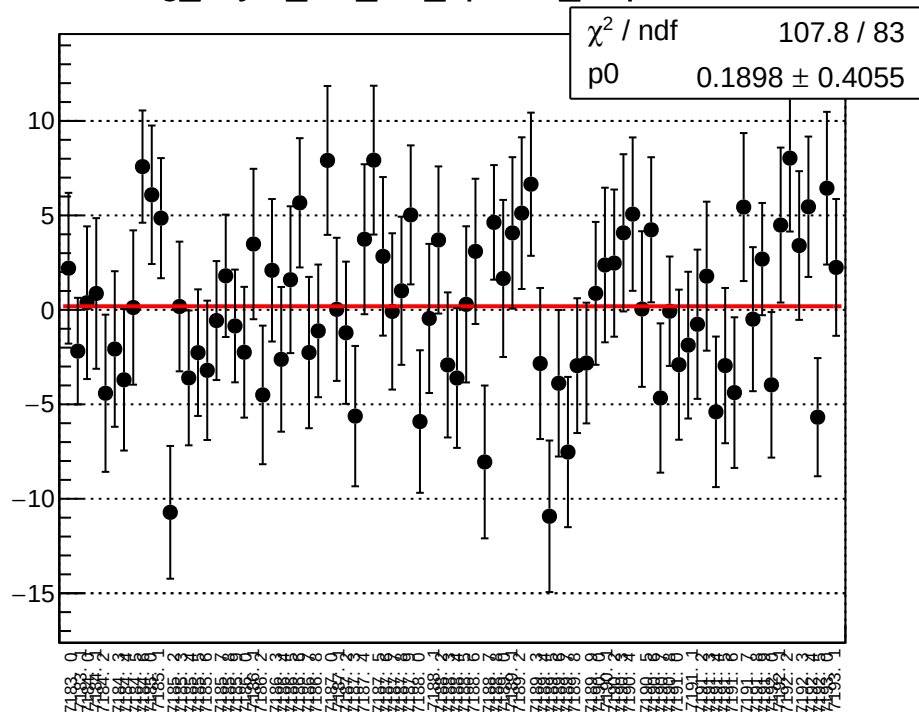
reg_asym_dsl_diff_bpm4eY_slope vs run



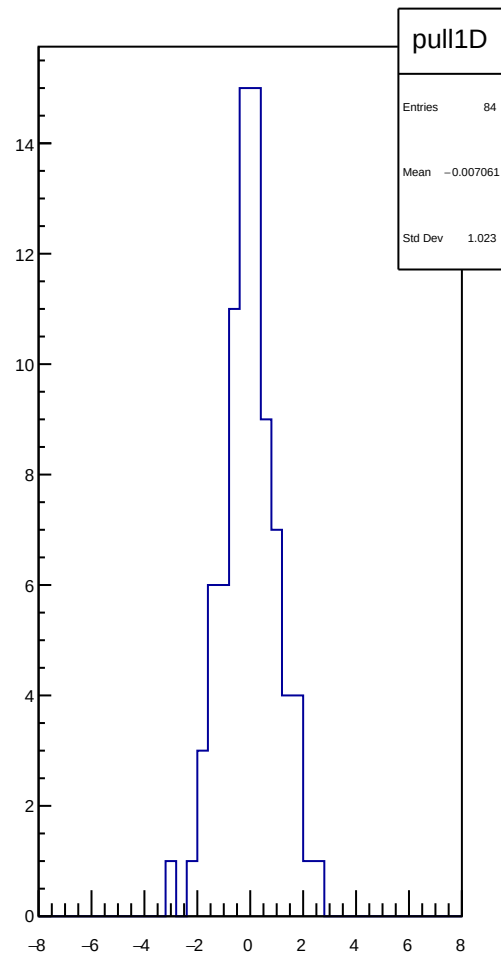
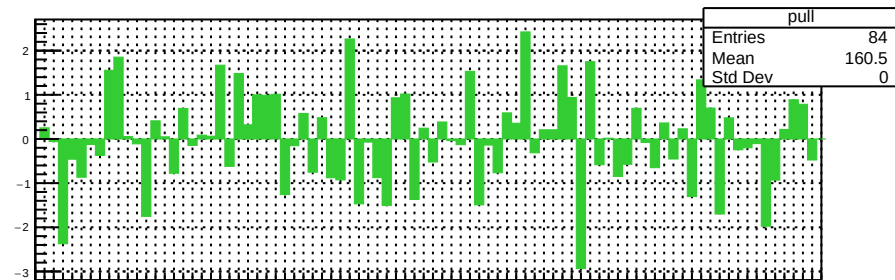
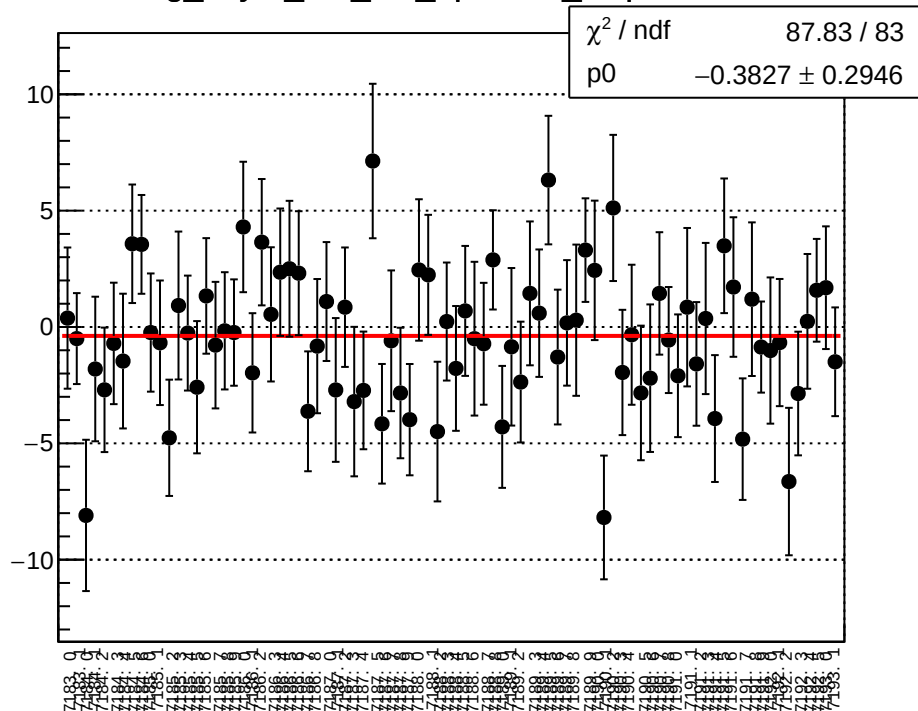
reg_asym_dsl_diff_bpm12X_slope vs run



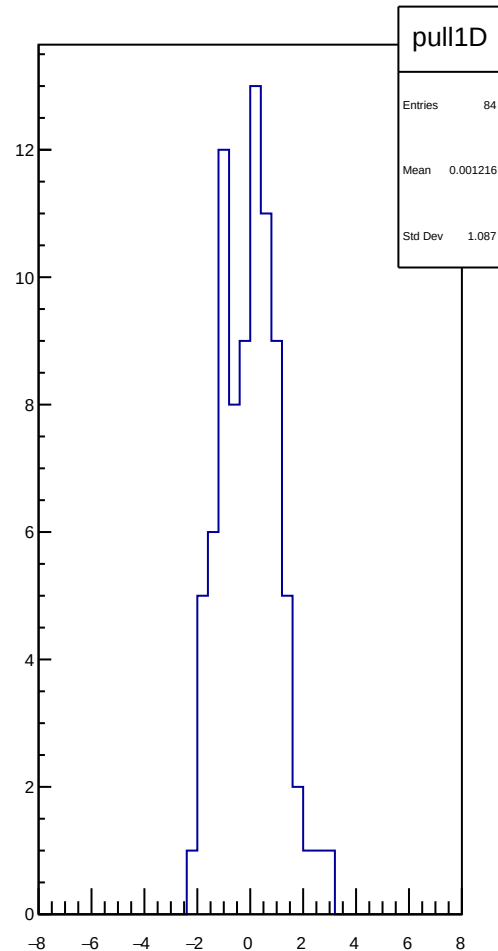
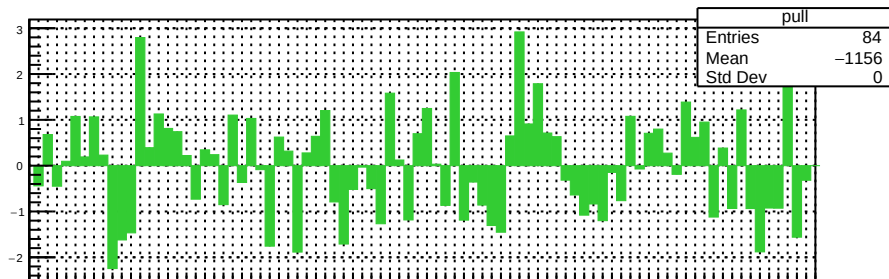
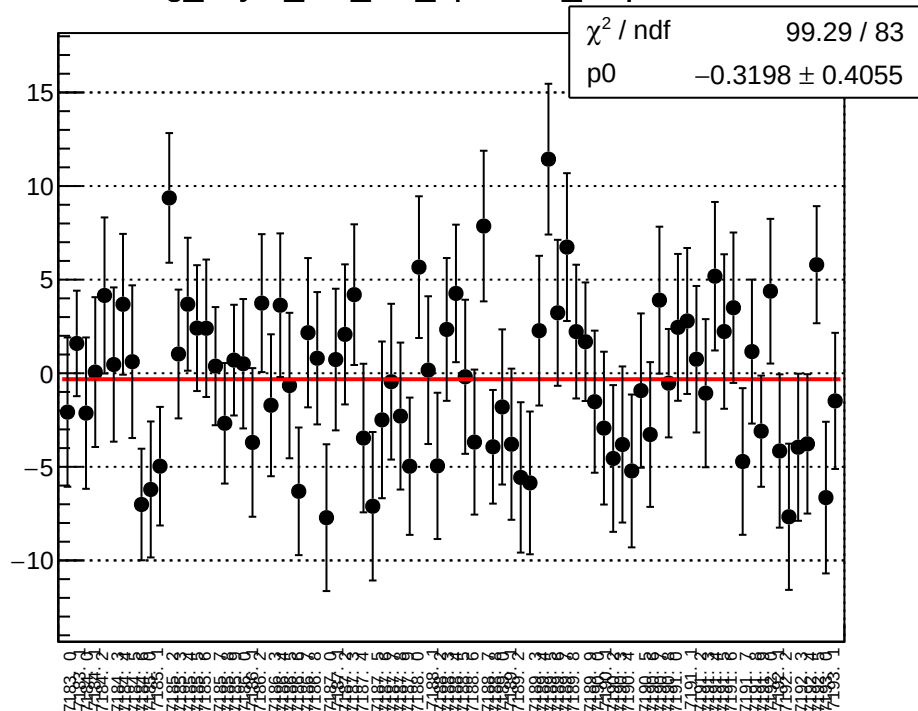
reg_asym_dsr_diff_bpm1X_slope vs run



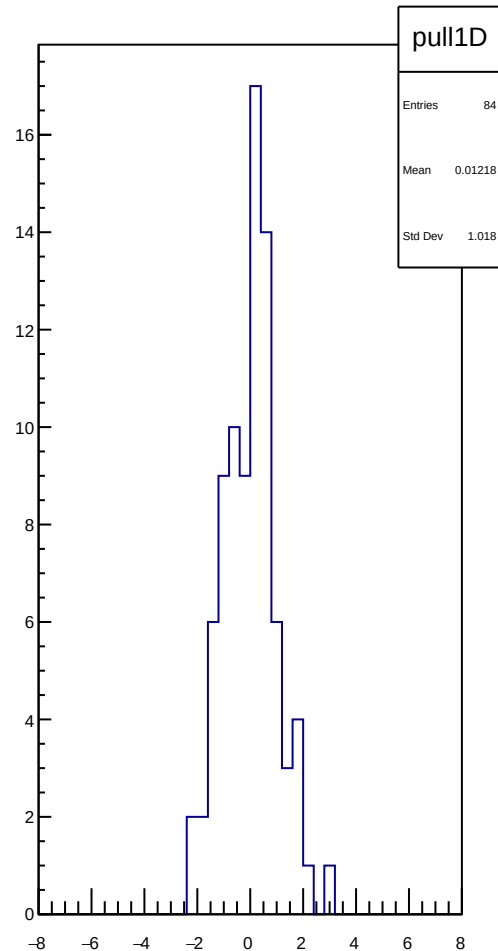
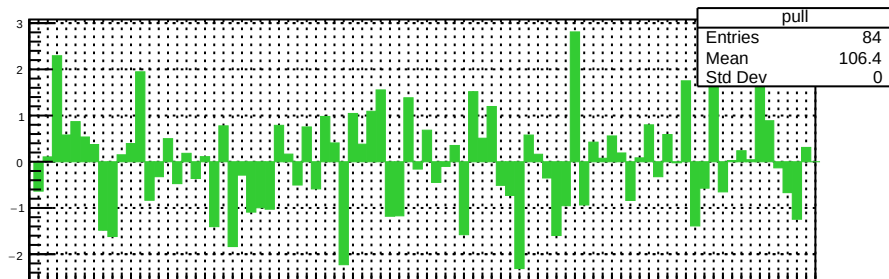
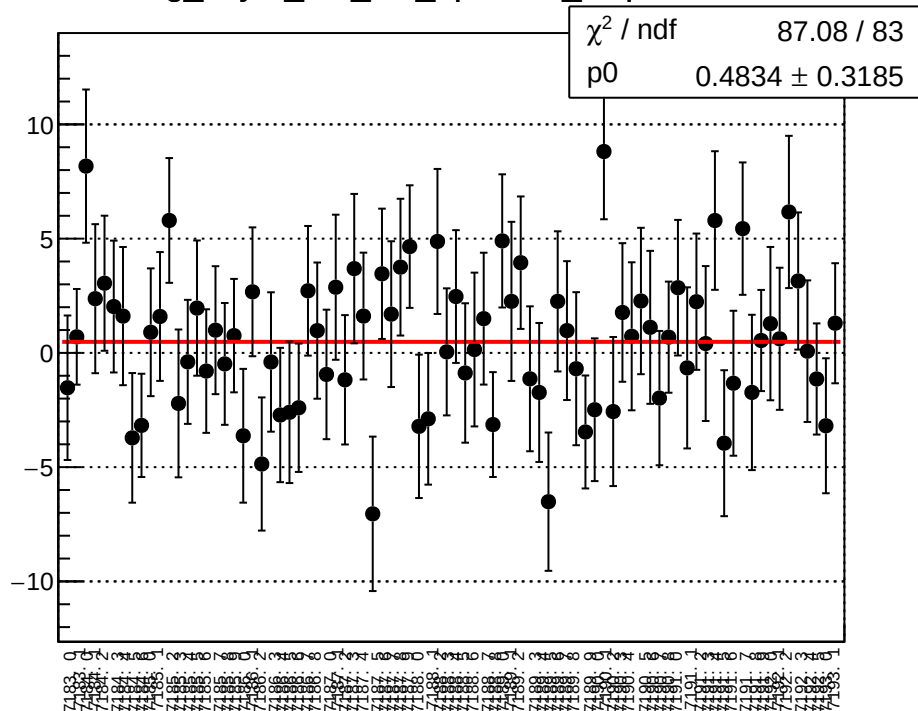
reg_asym_dsr_diff_bpm4aY_slope vs run



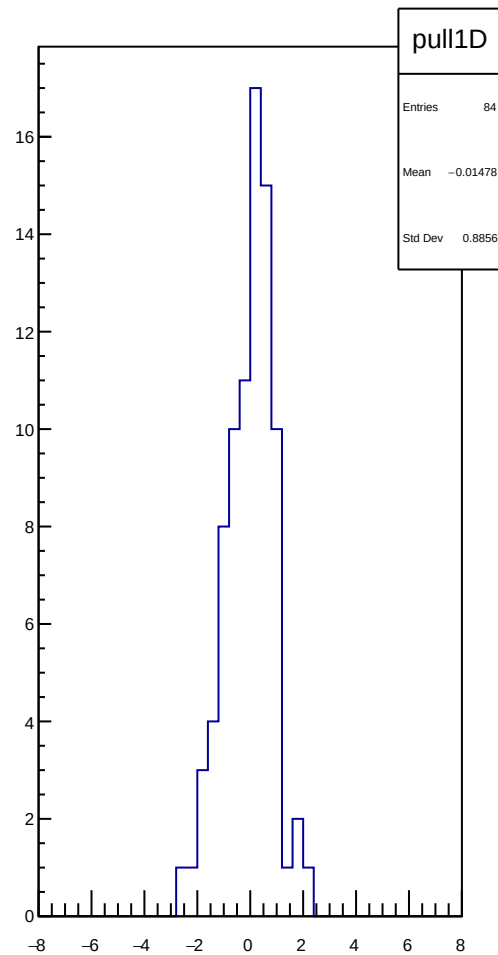
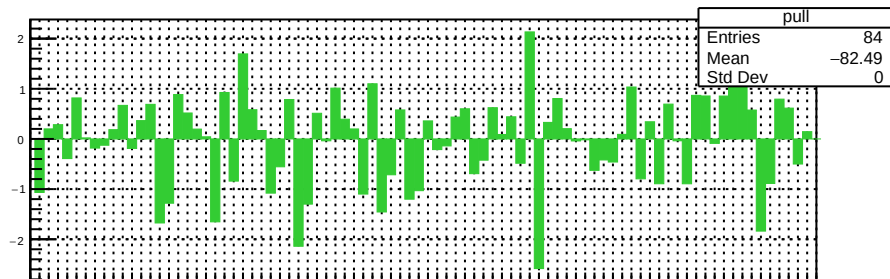
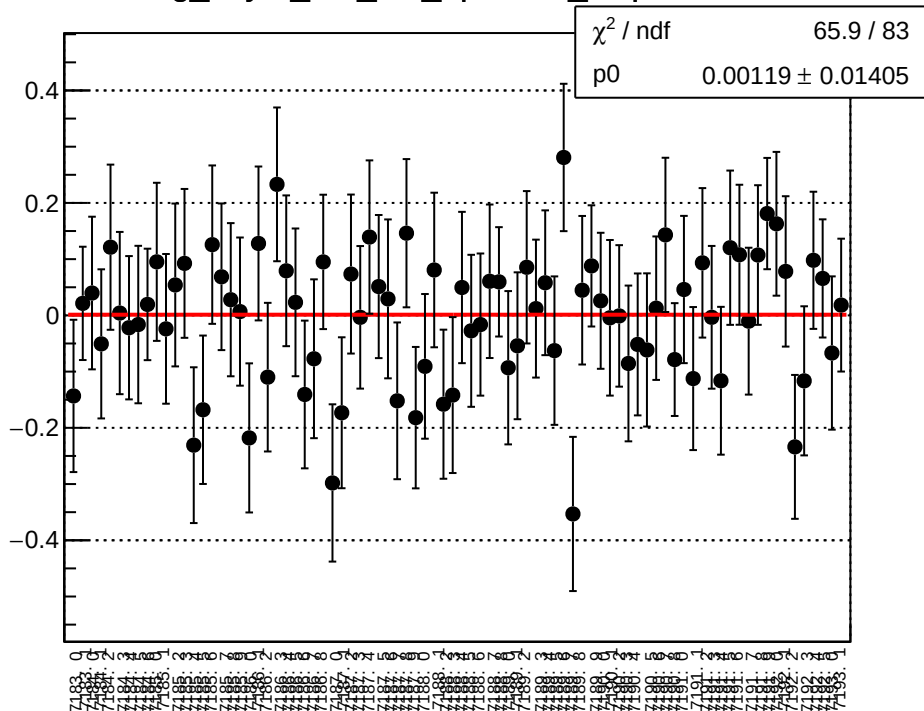
reg_asym_dsr_diff_bpm4eX_slope vs run



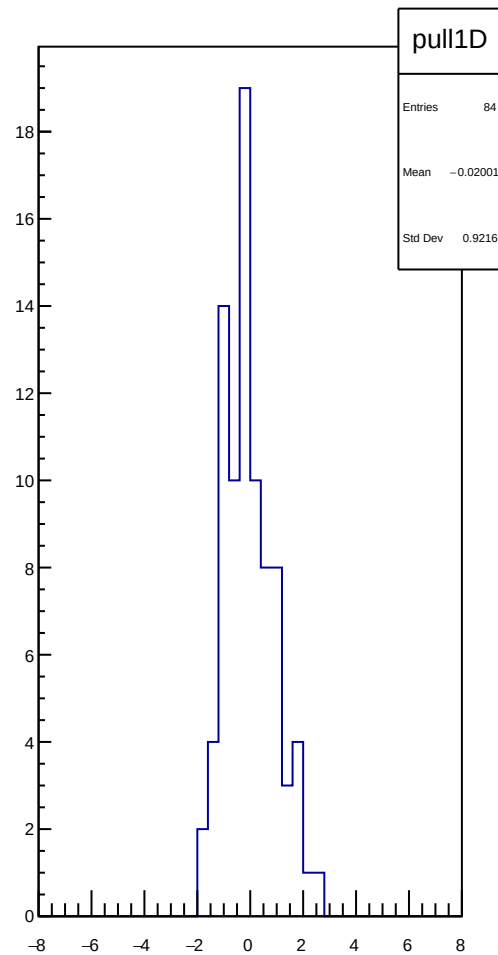
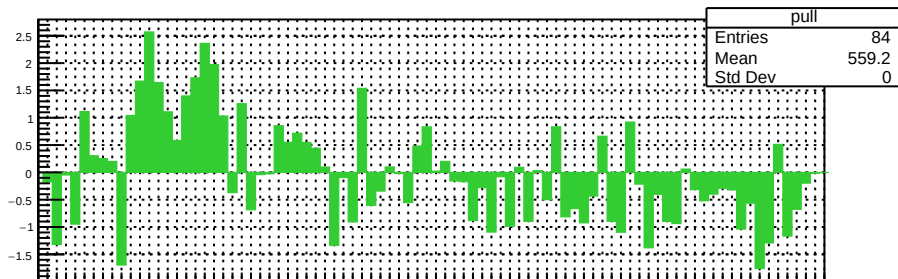
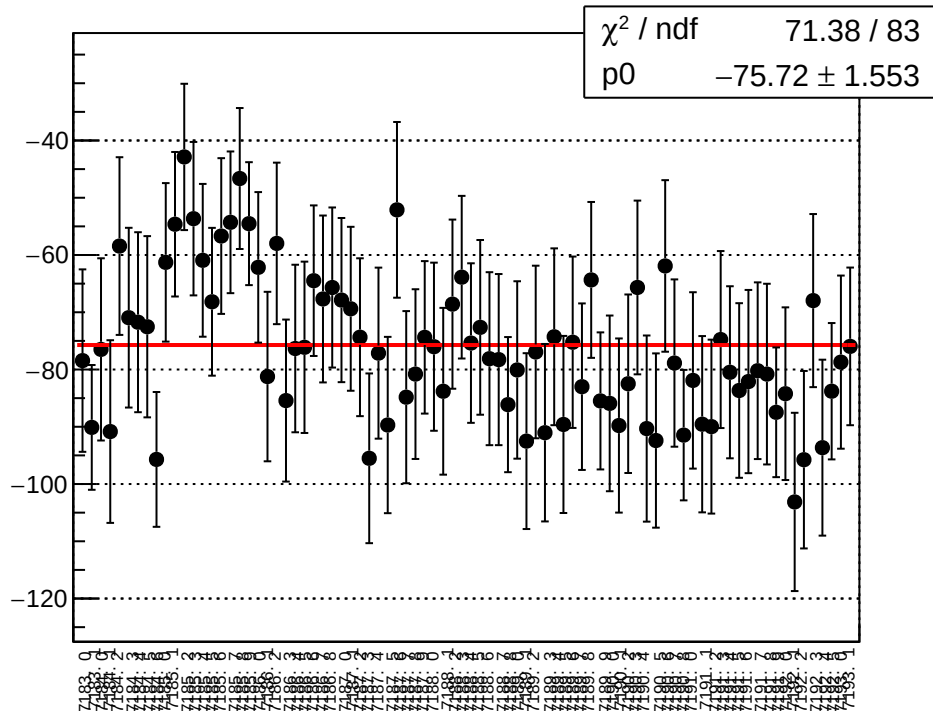
reg_asym_dsr_diff_bpm4eY_slope vs run



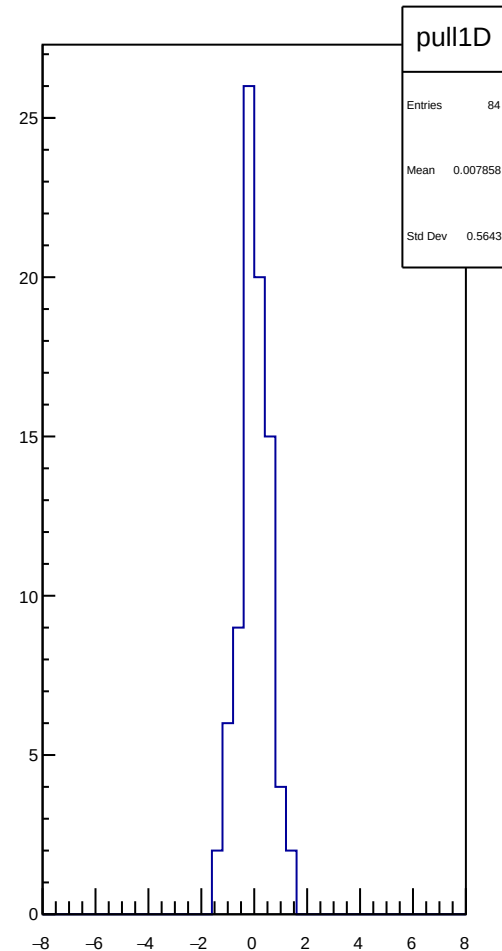
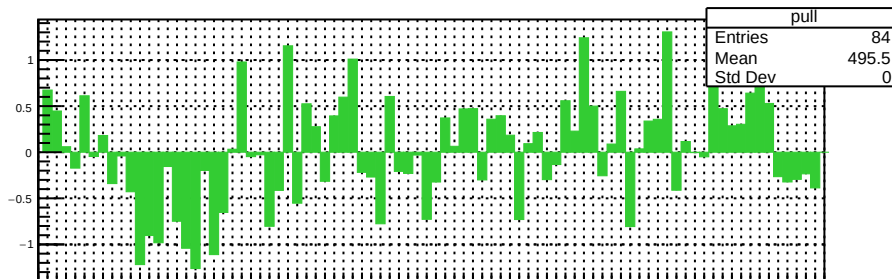
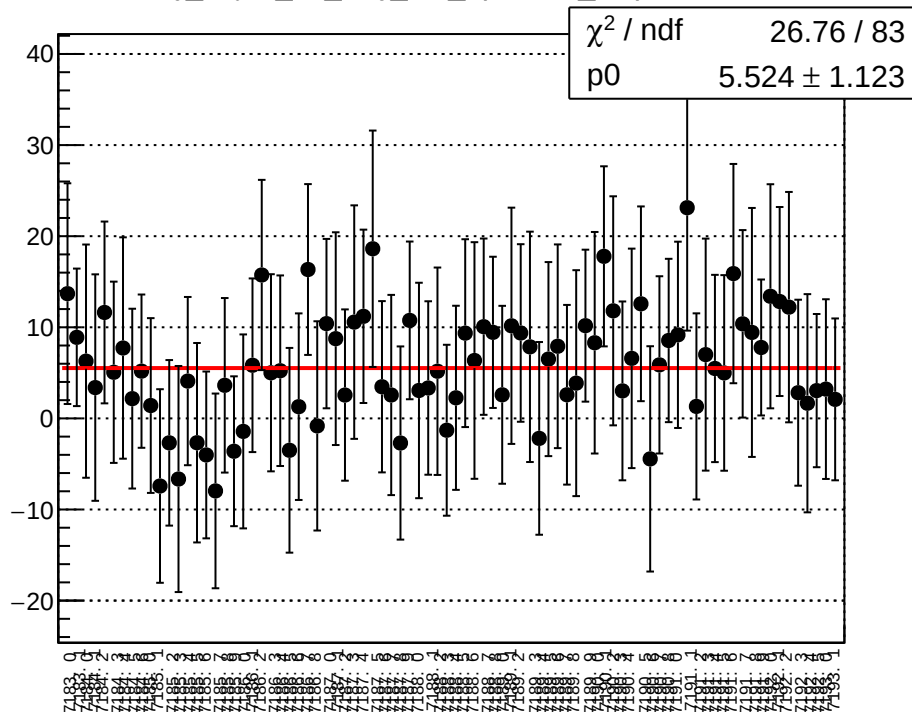
reg_asym_dsr_diff_bpm12X_slope vs run



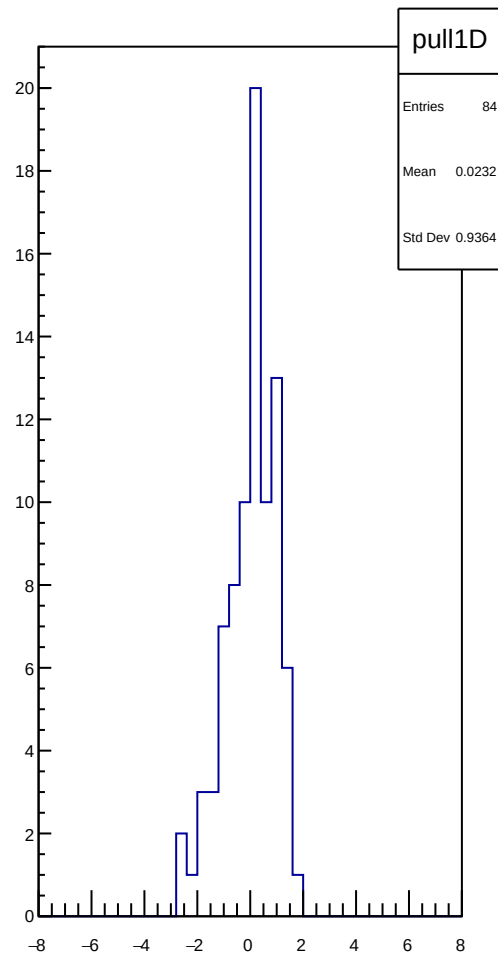
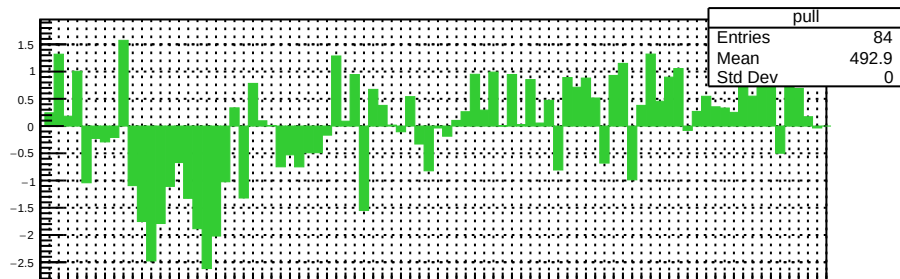
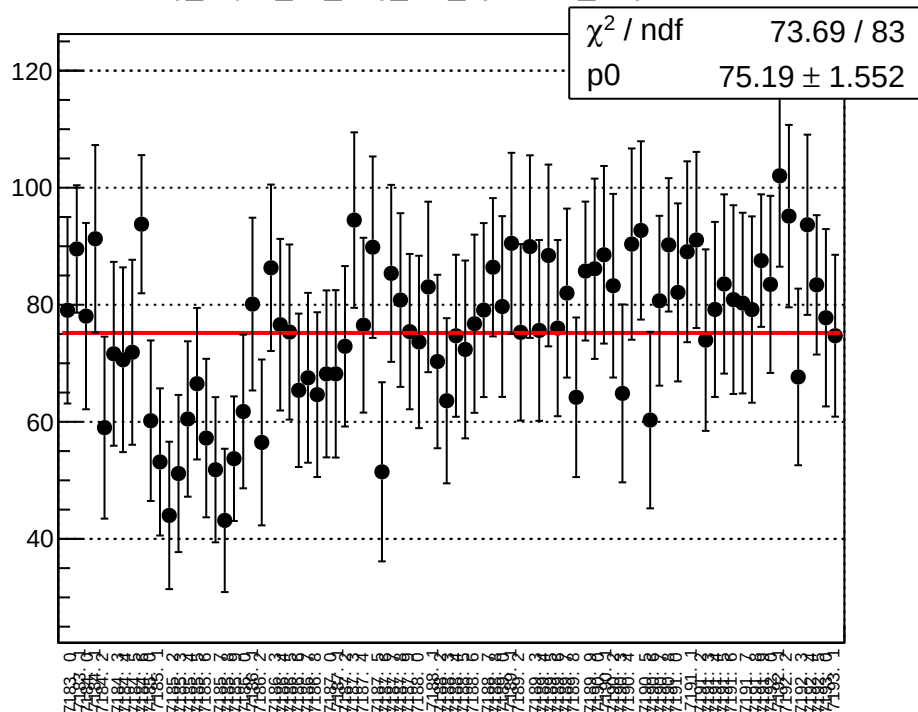
reg_asym_us_avg_diff_bpm1X_slope vs run



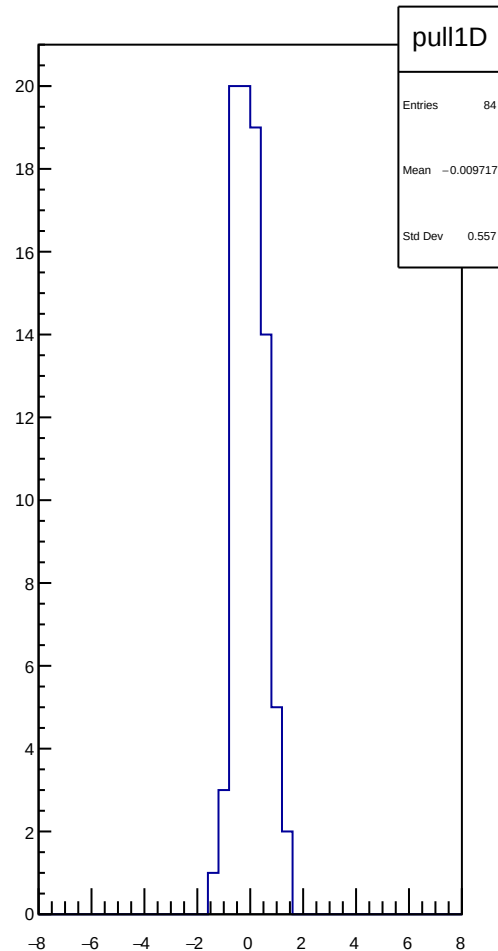
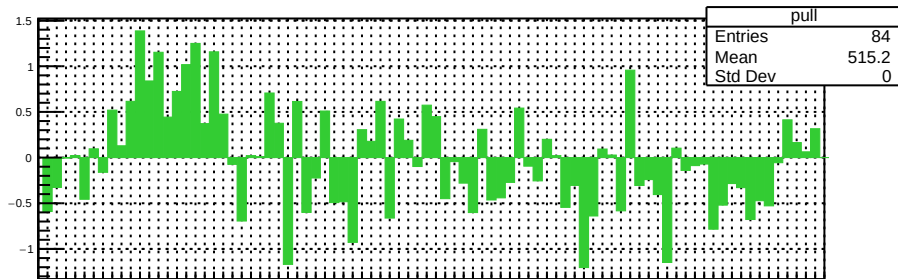
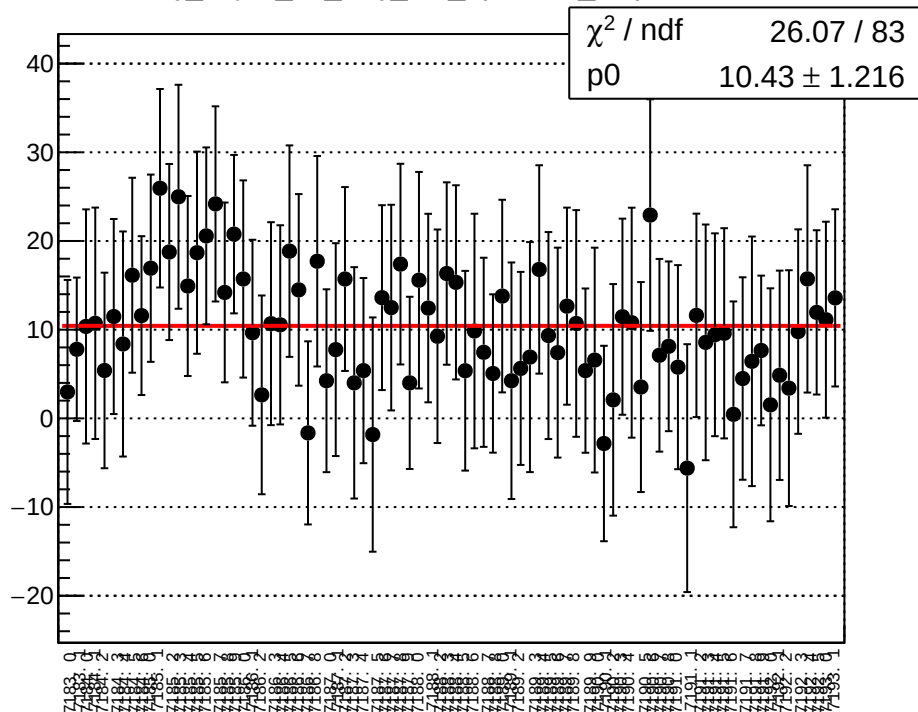
reg_asym_us_avg_diff_bpm4aY_slope vs run



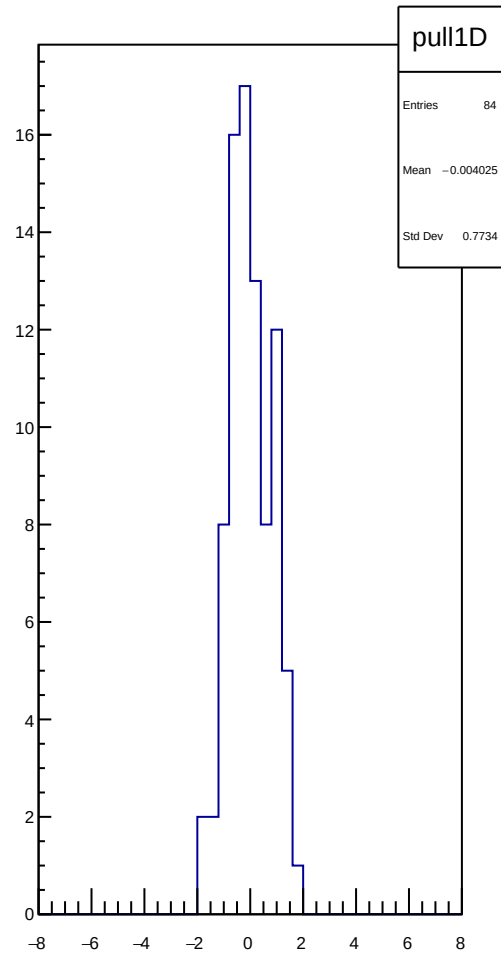
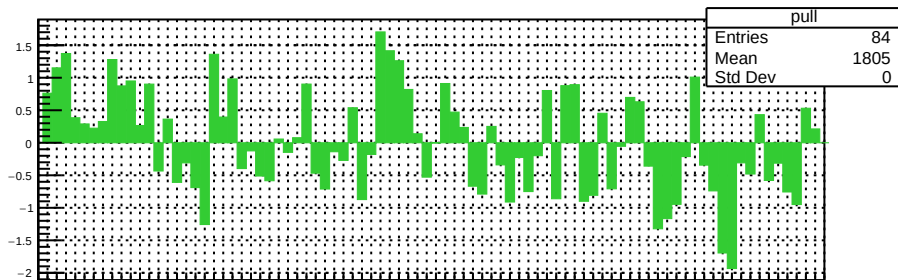
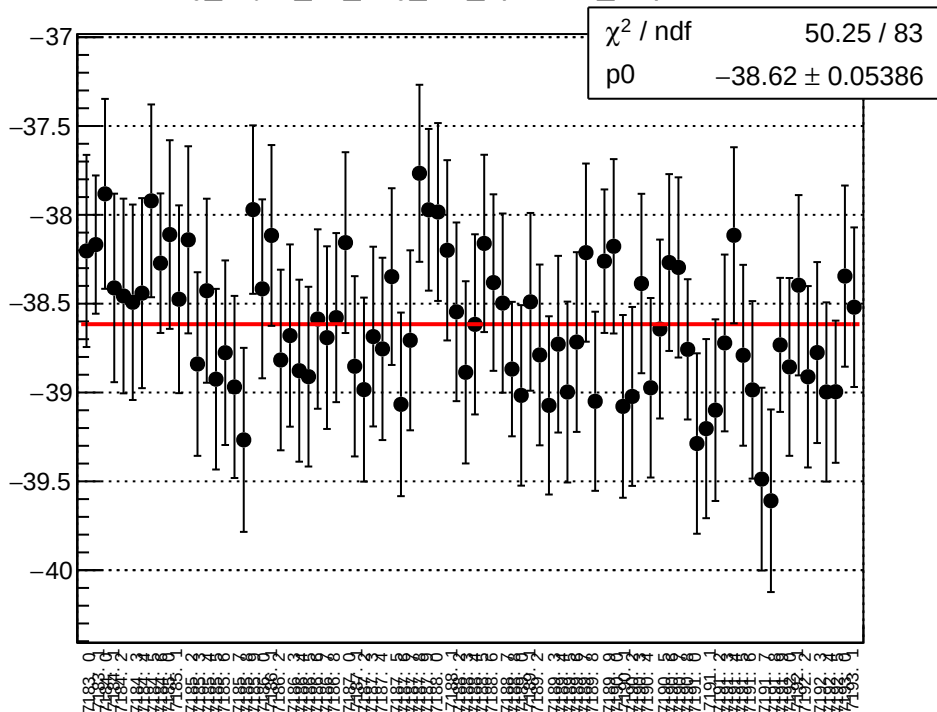
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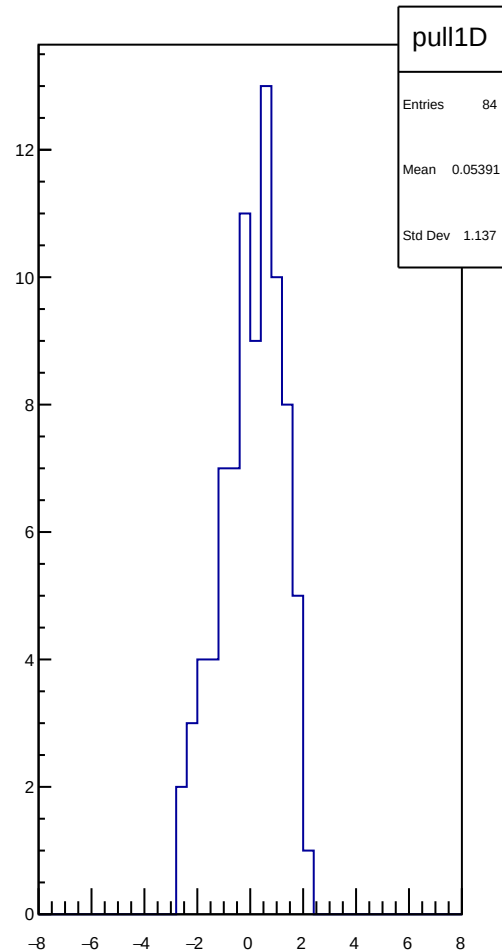
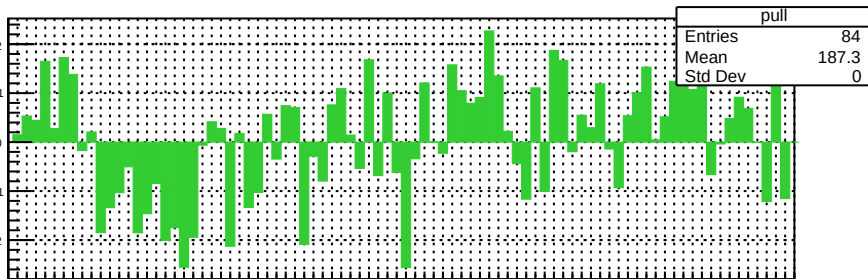
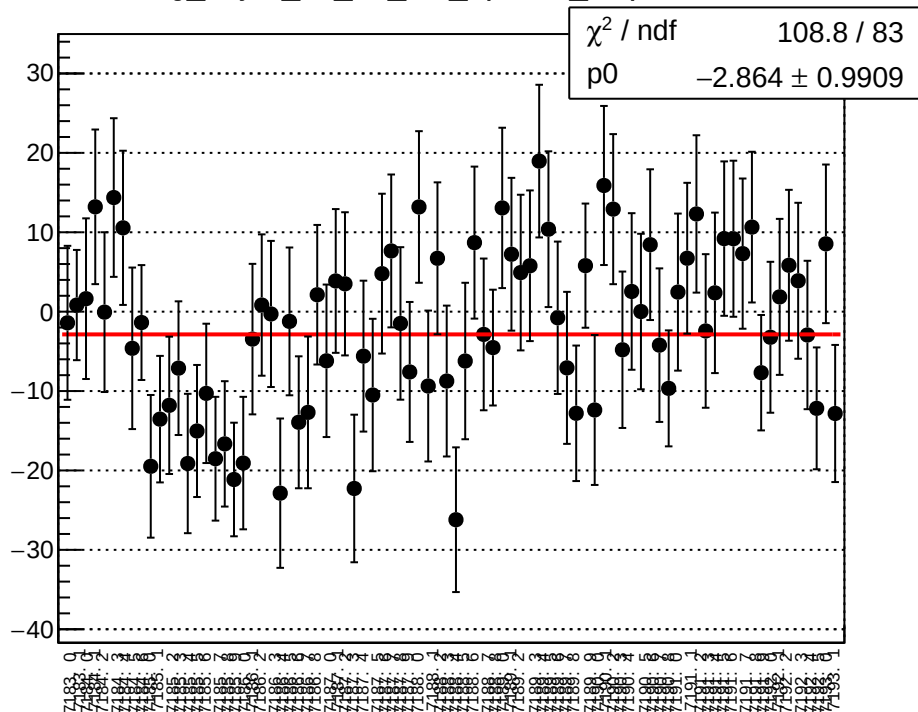
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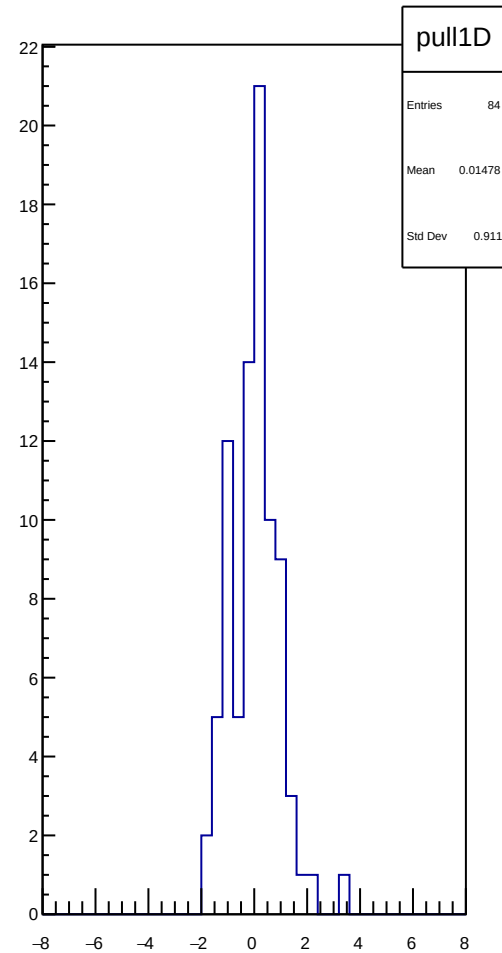
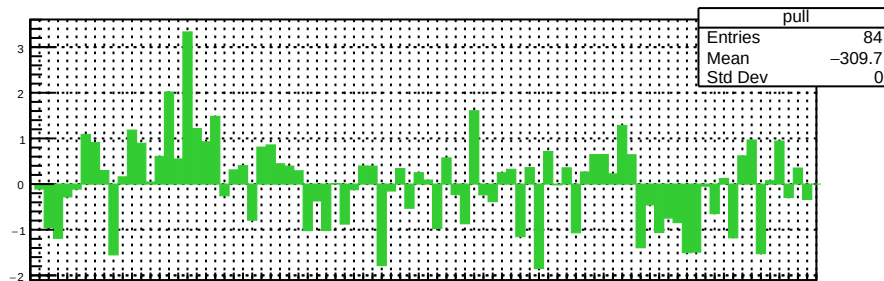
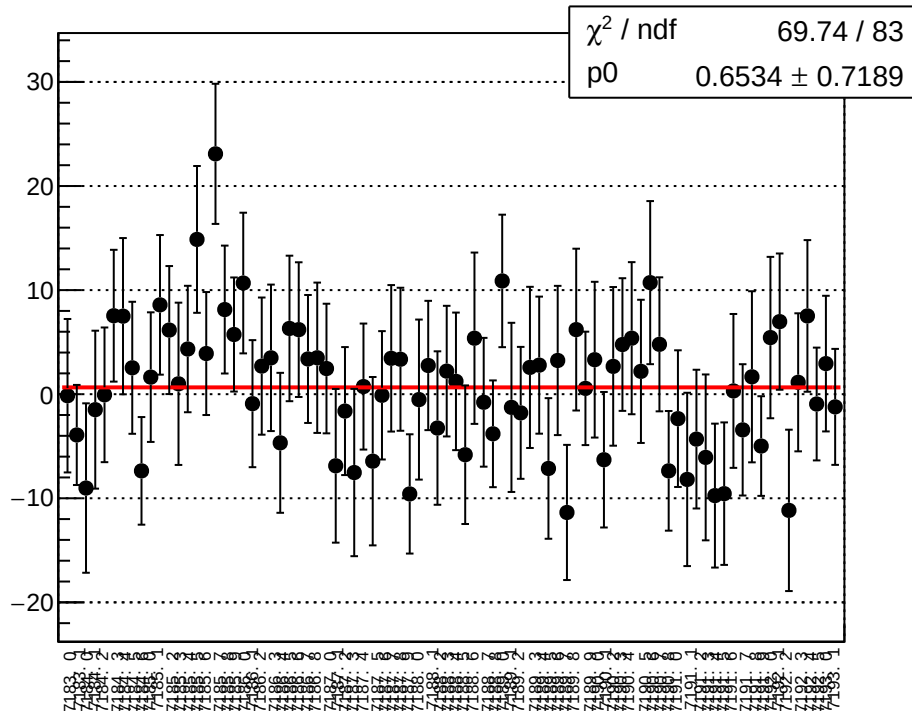
reg_asym_us_avg_diff_bpm12X_slope vs run



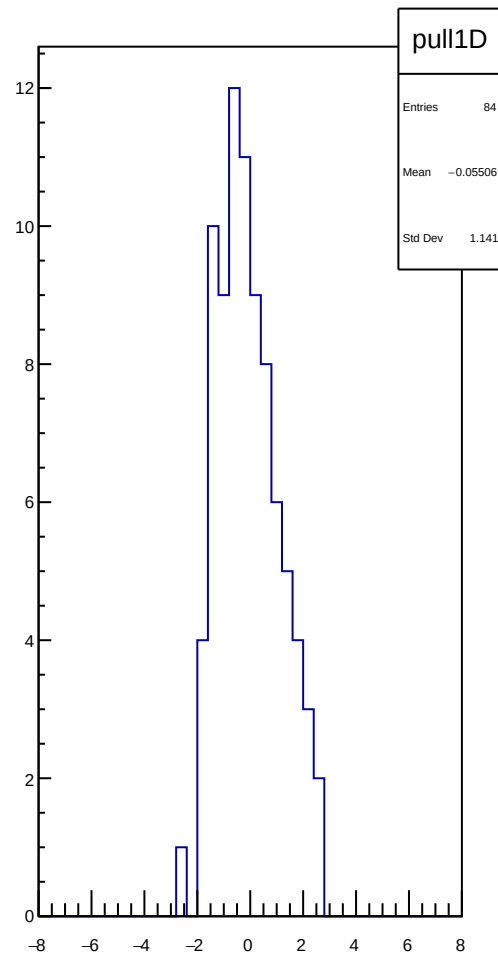
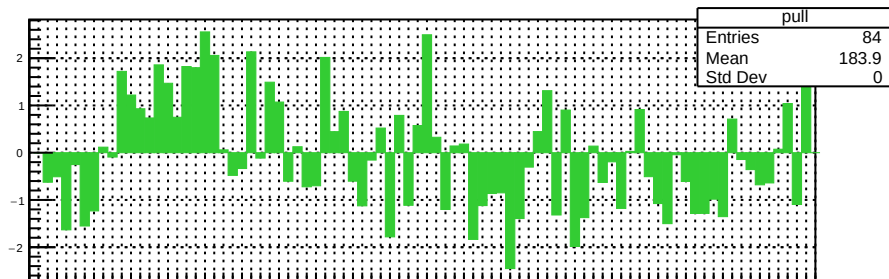
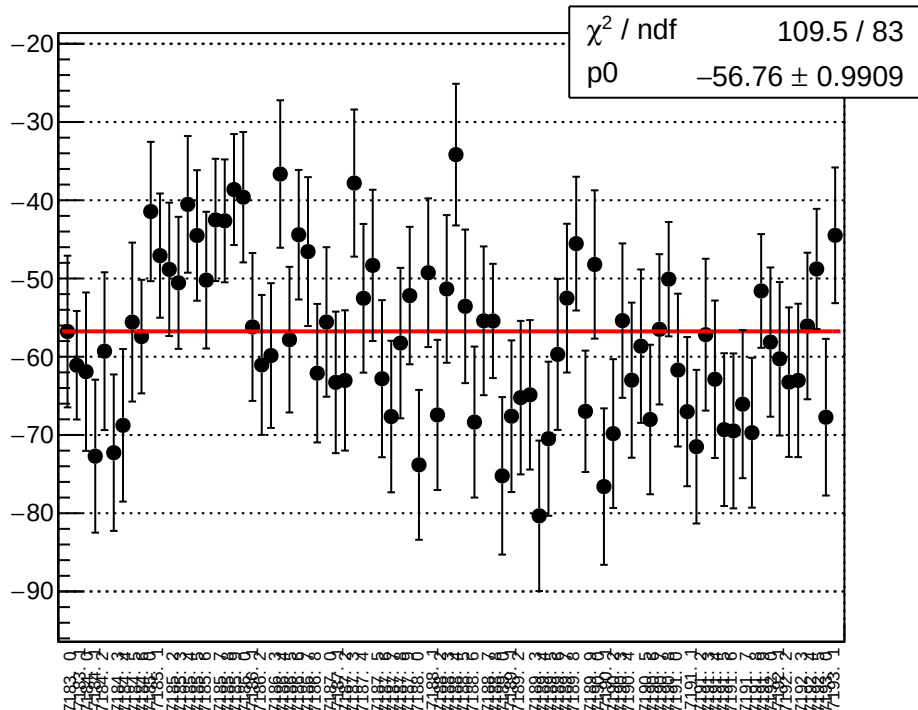
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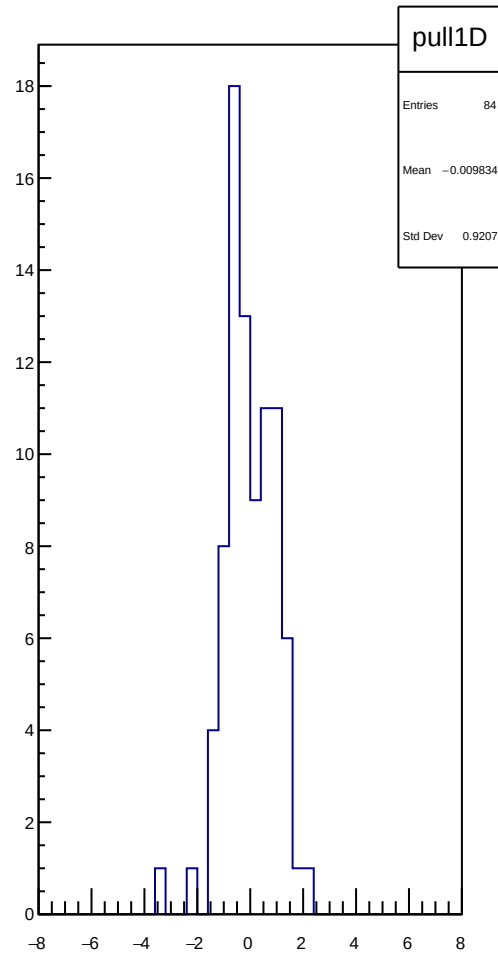
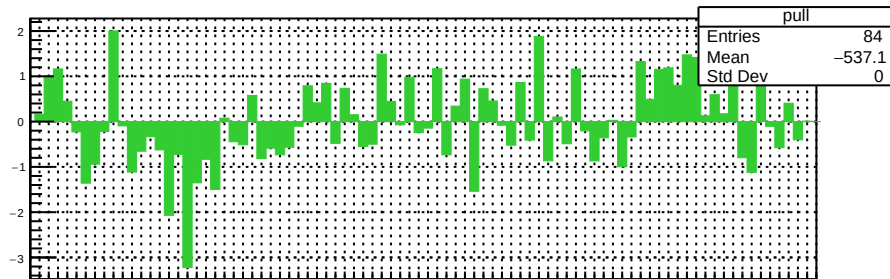
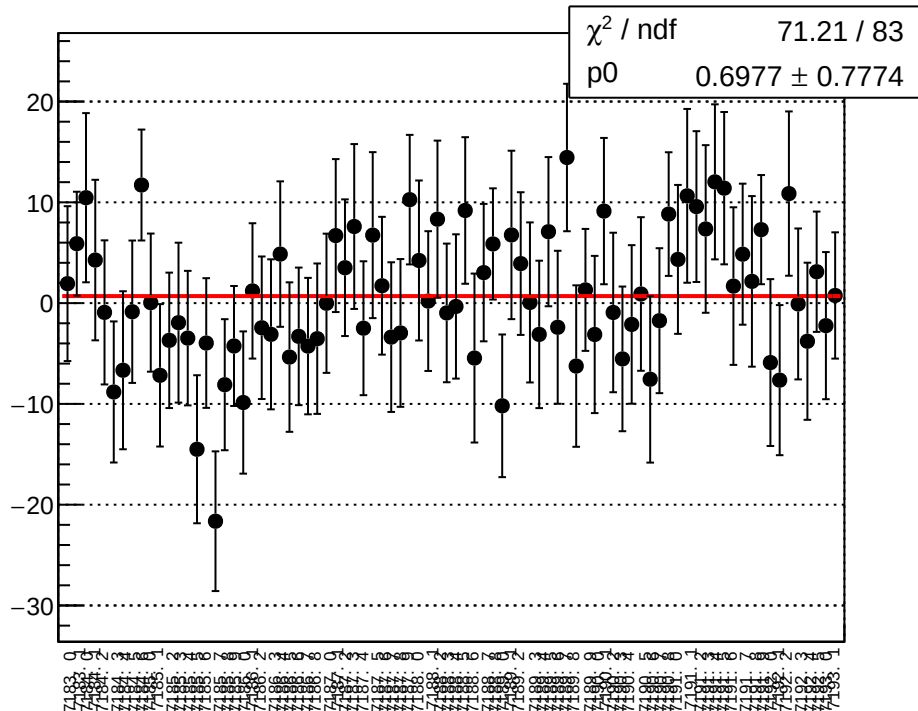
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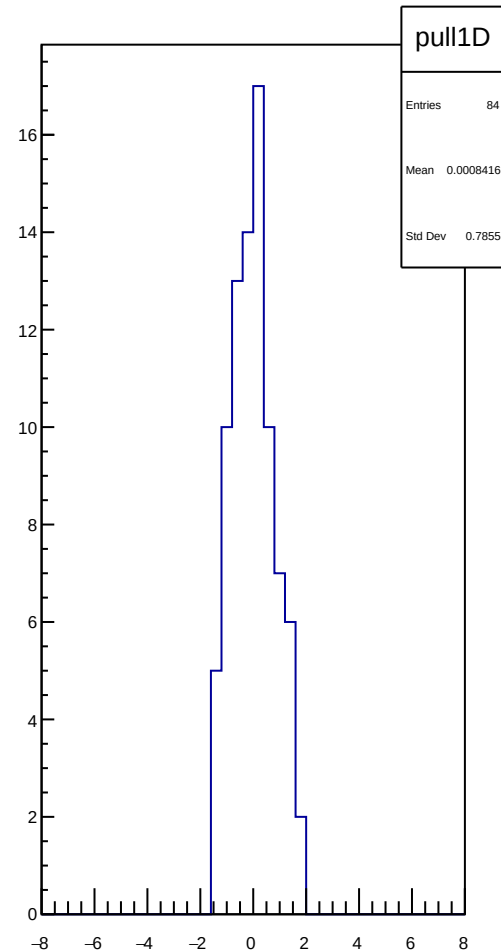
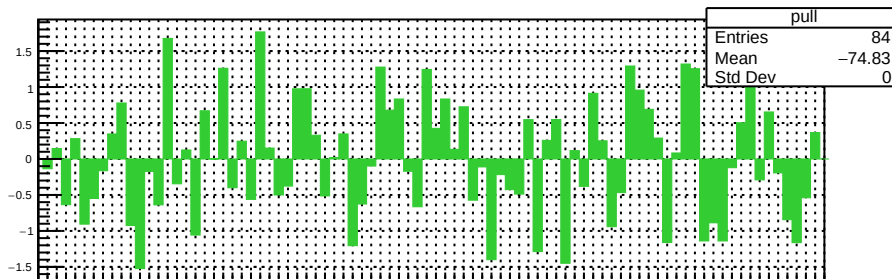
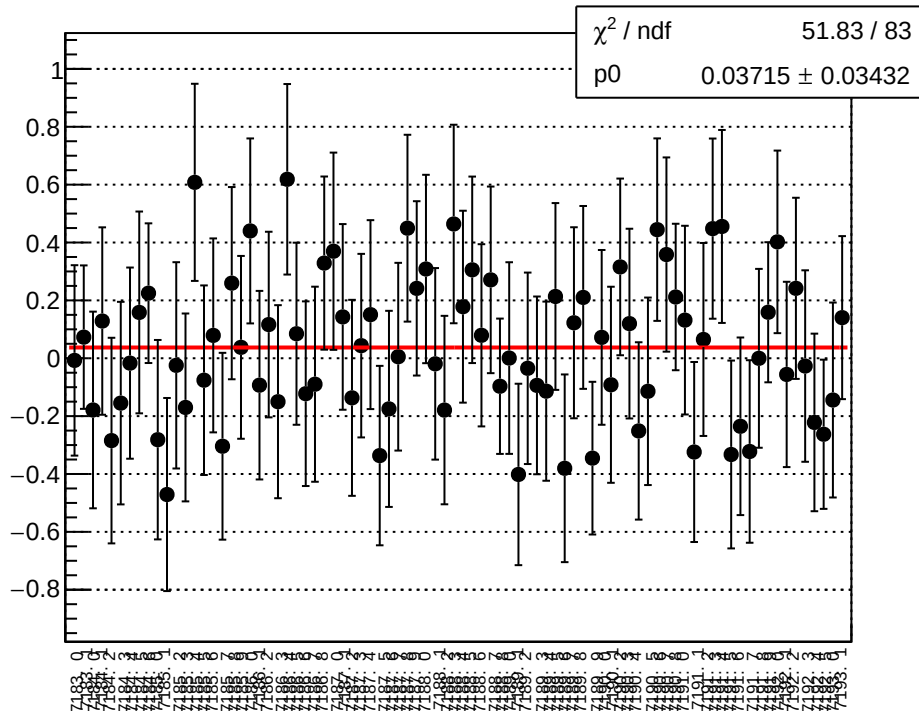
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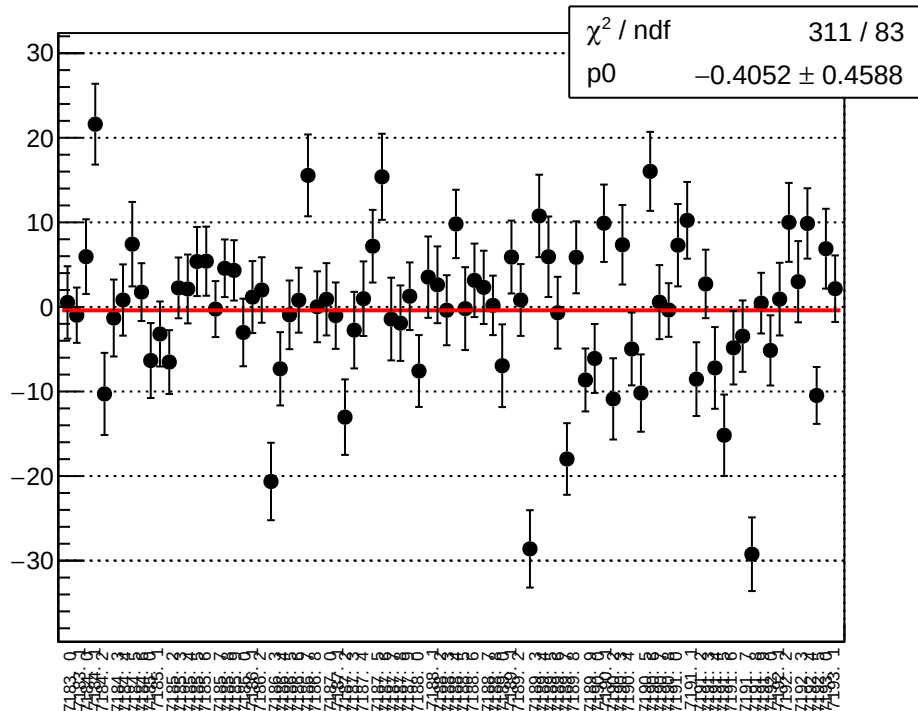
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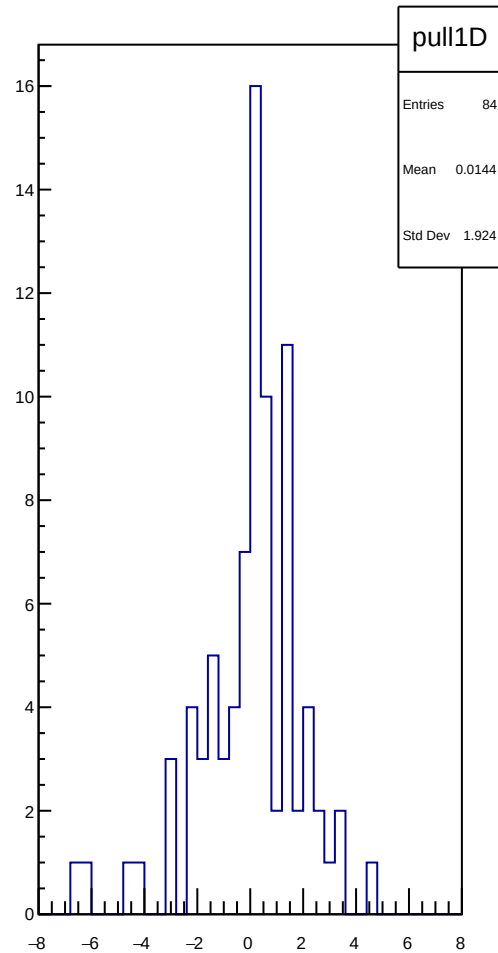
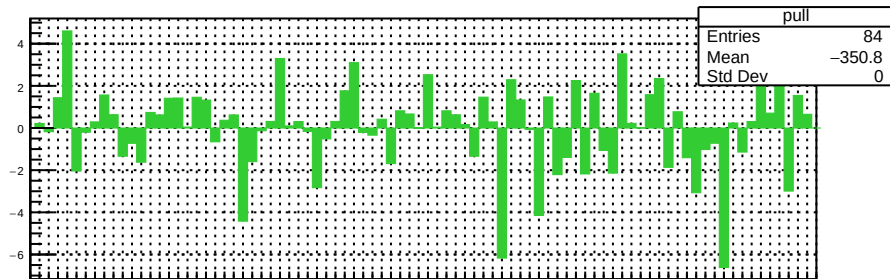
reg_asym_us_dd_diff_bpm12X_slope vs run



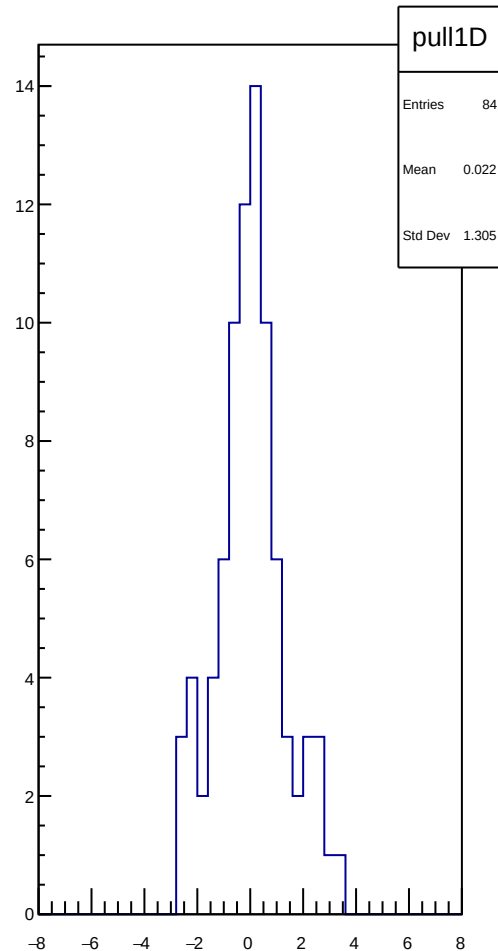
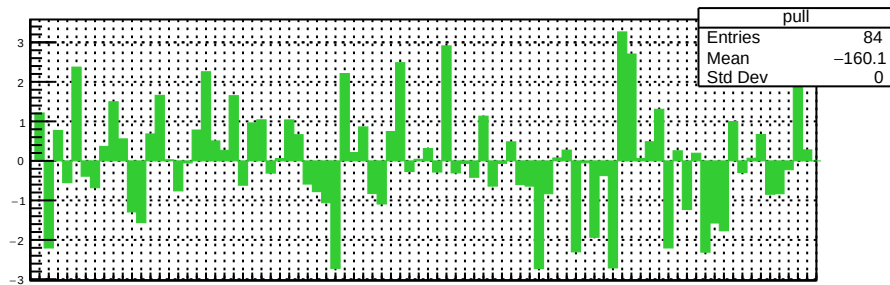
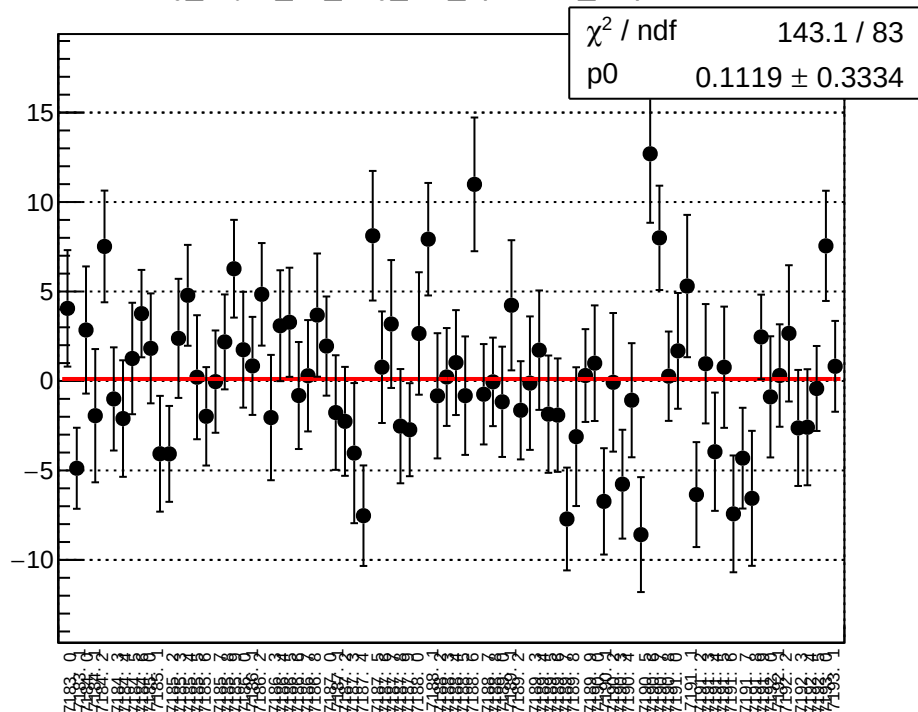
reg_asym_ds_avg_diff_bpm1X_slope vs run



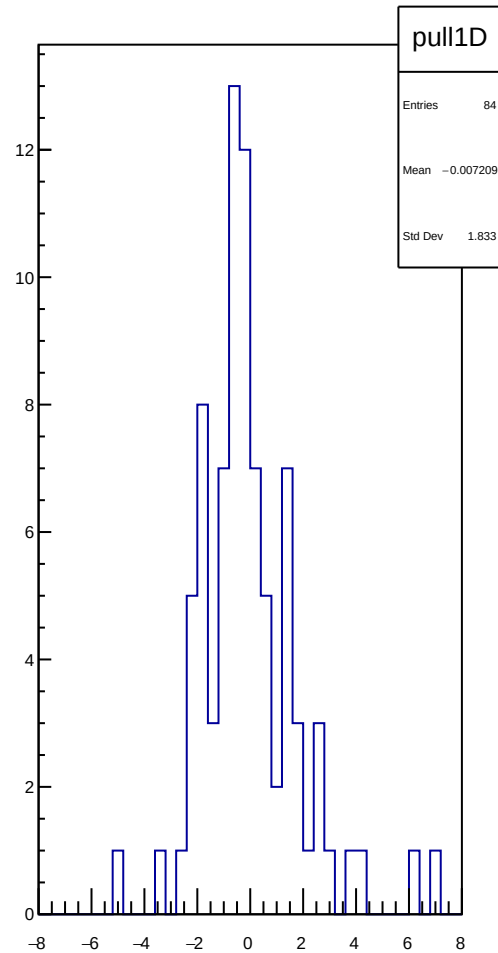
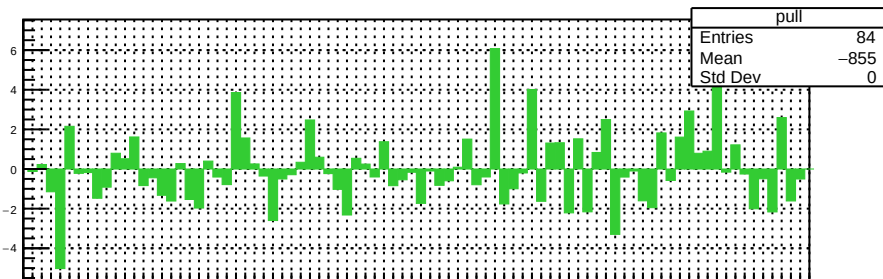
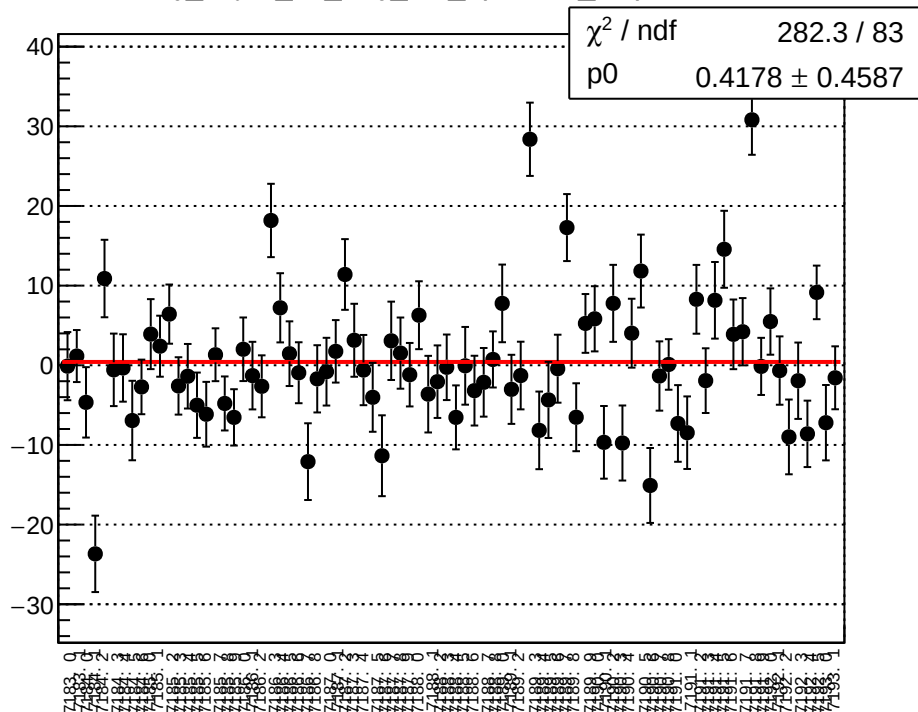
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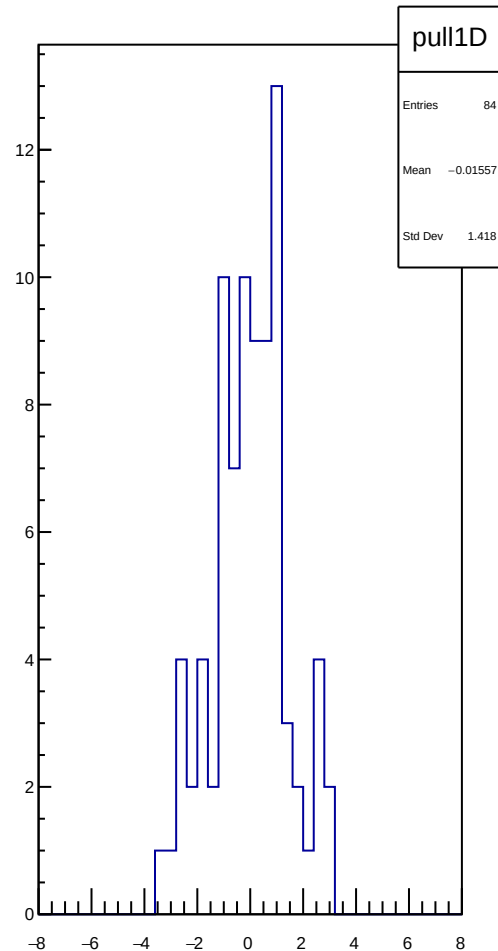
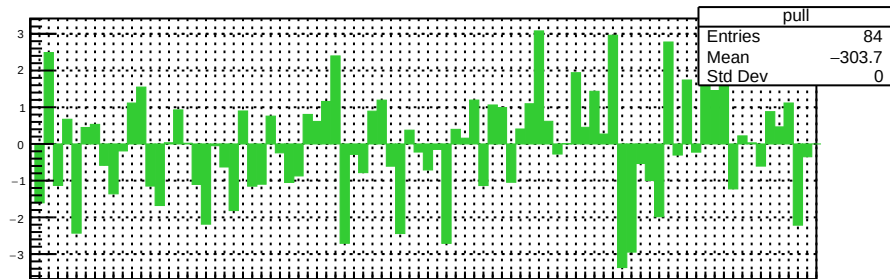
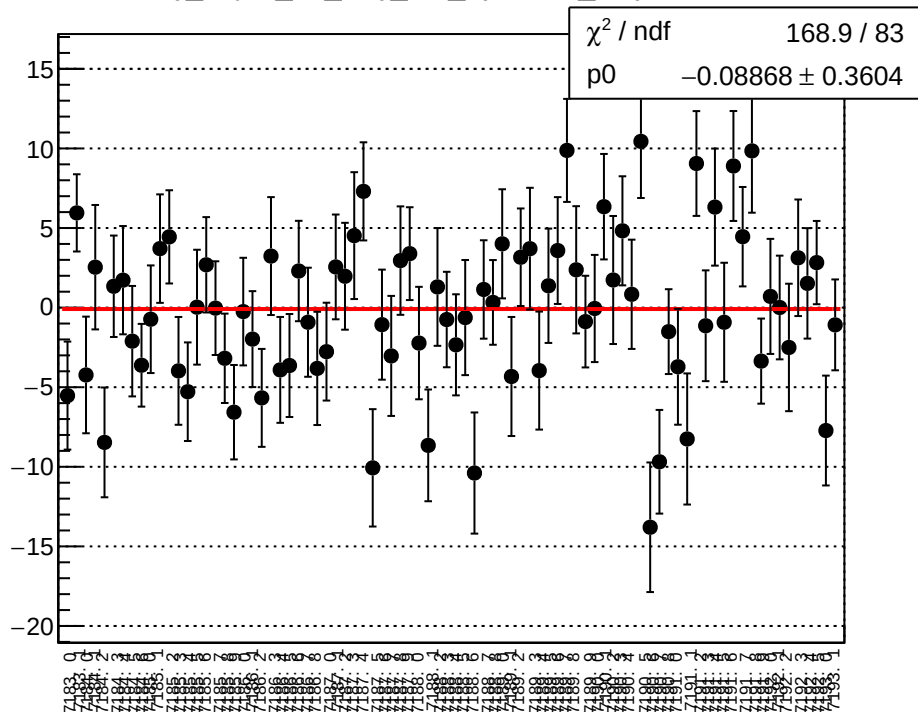
reg_asym_ds_avg_diff_bpm4aY_slope vs run



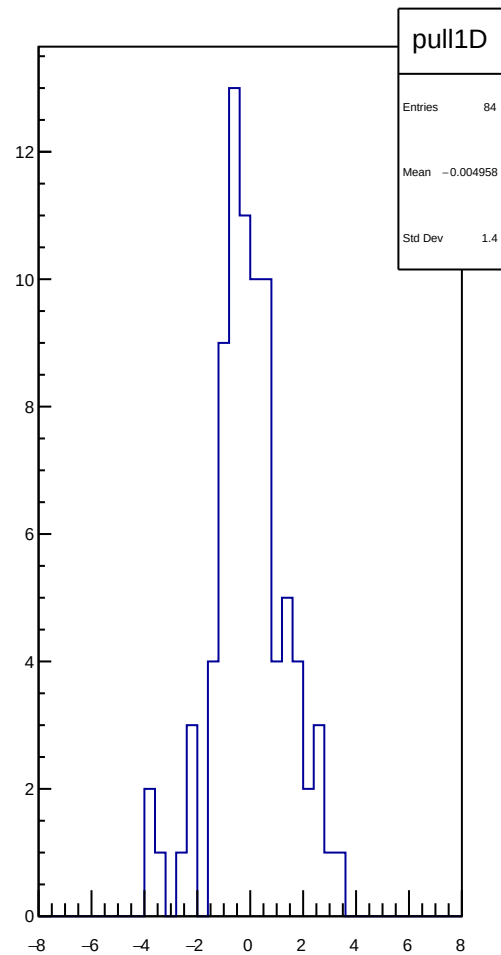
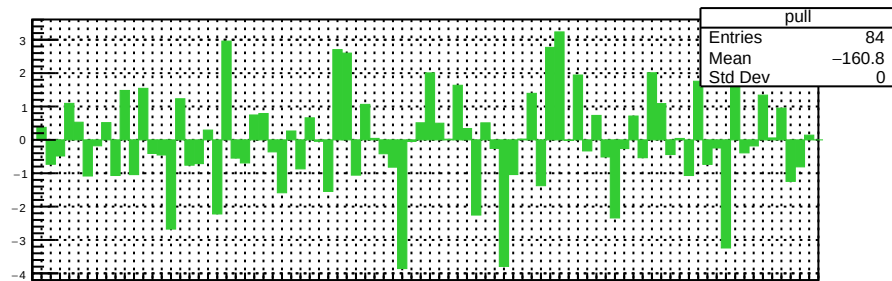
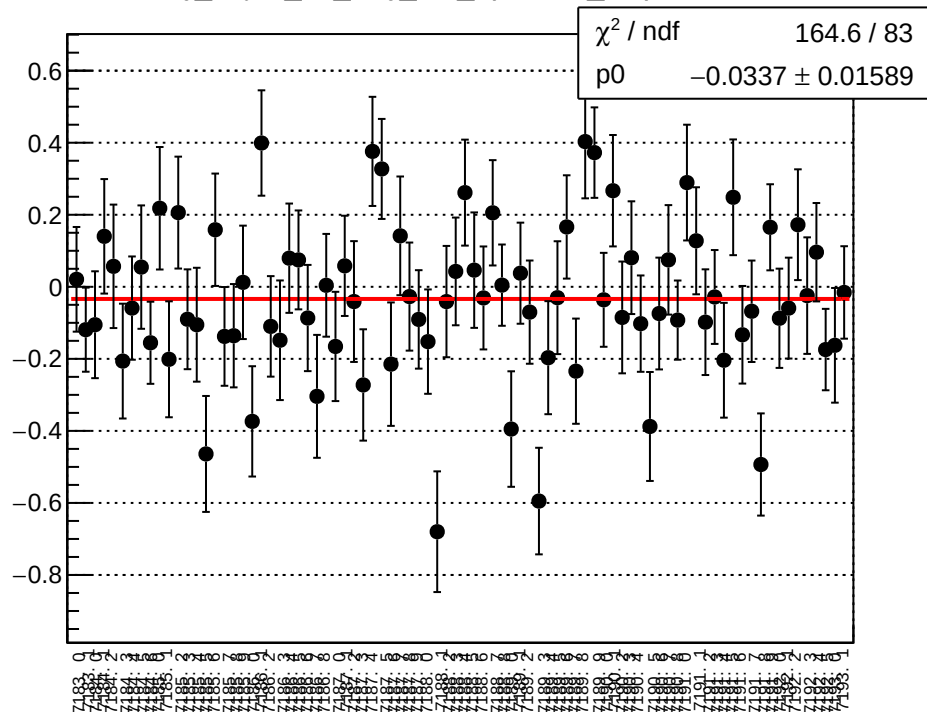
reg_asym_ds_avg_diff_bpm4eX_slope vs run



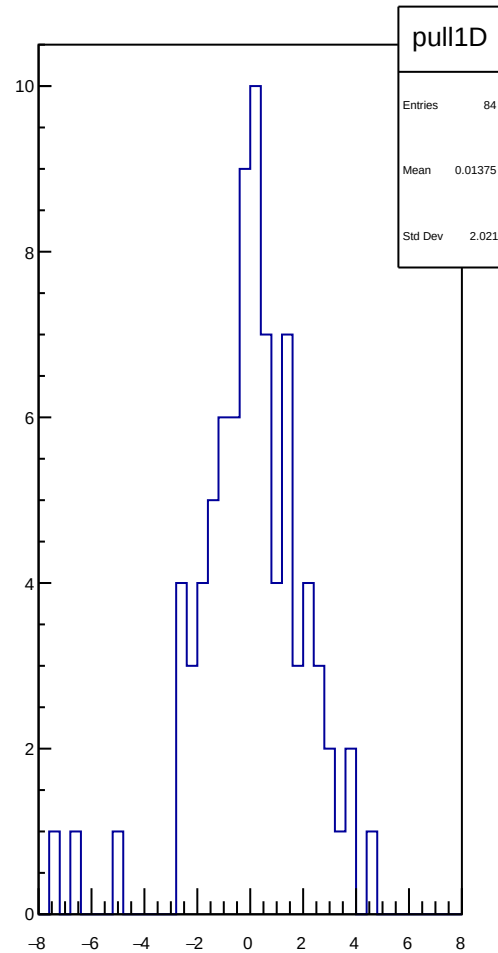
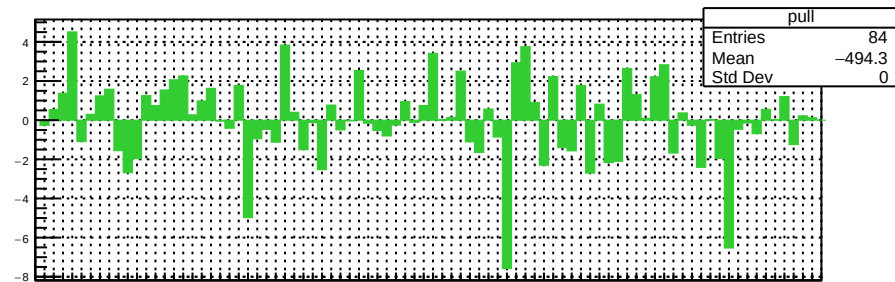
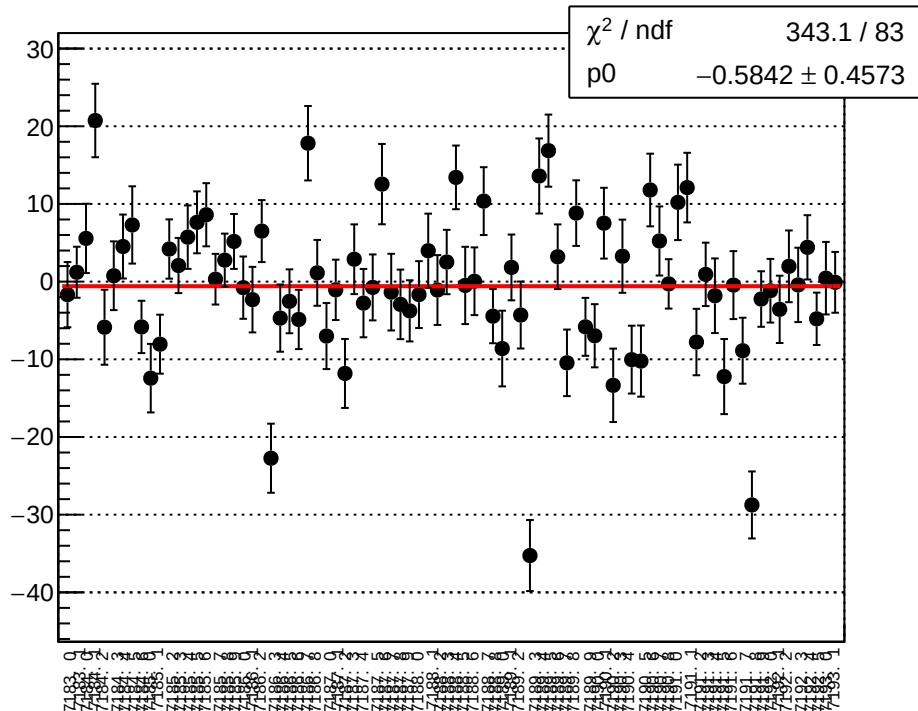
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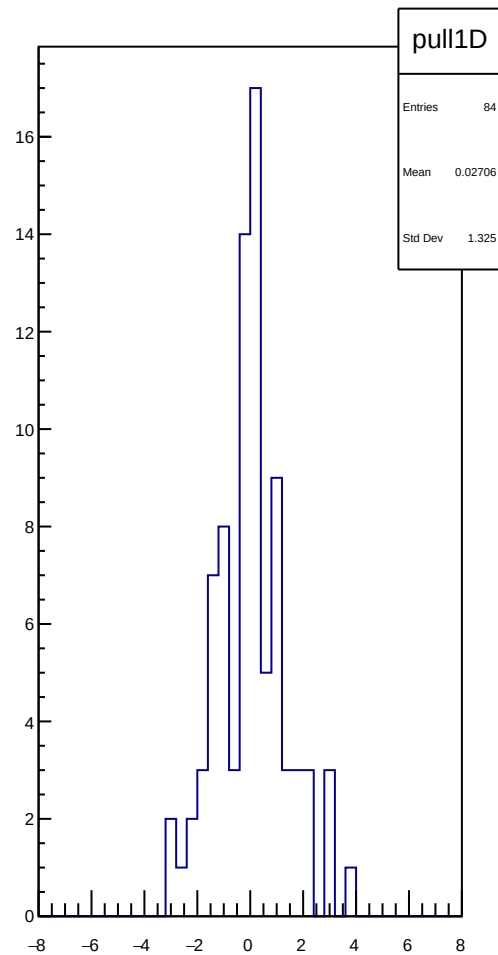
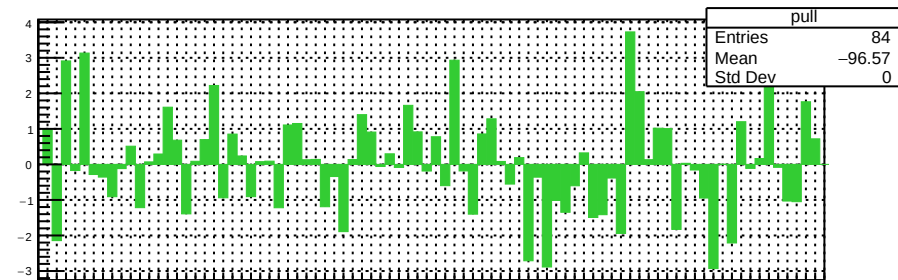
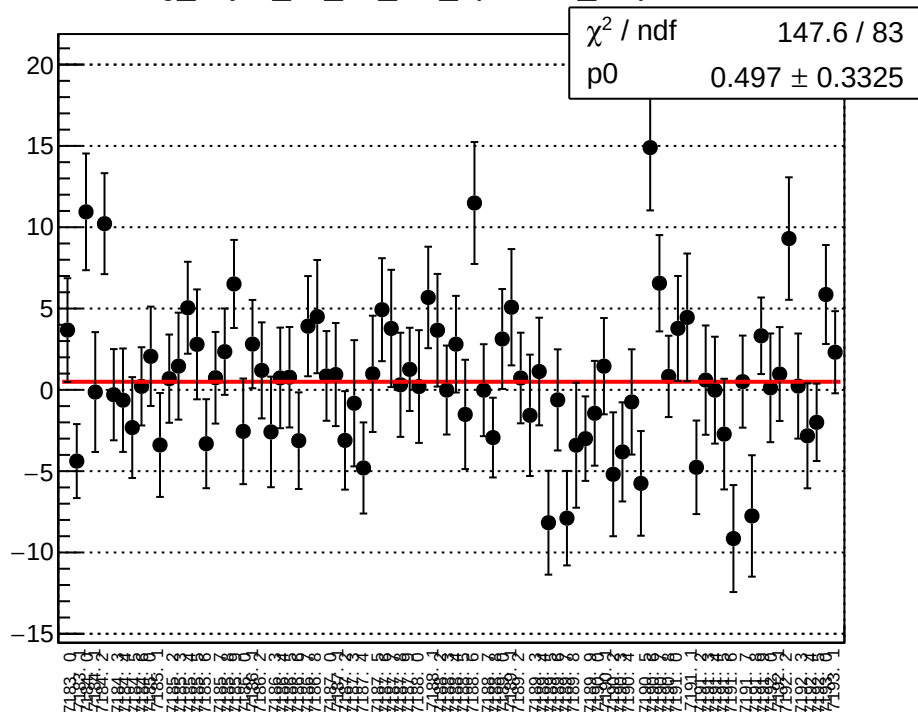
reg_asym_ds_avg_diff_bpm12X_slope vs run



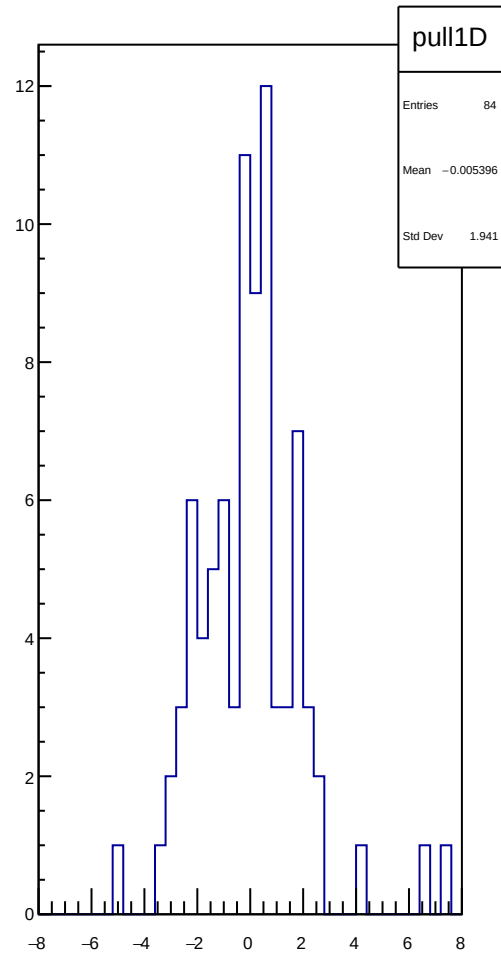
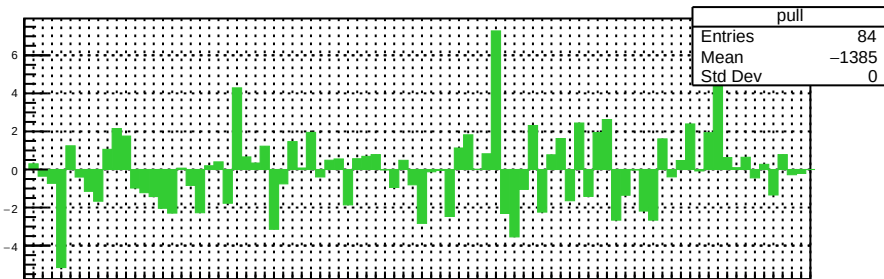
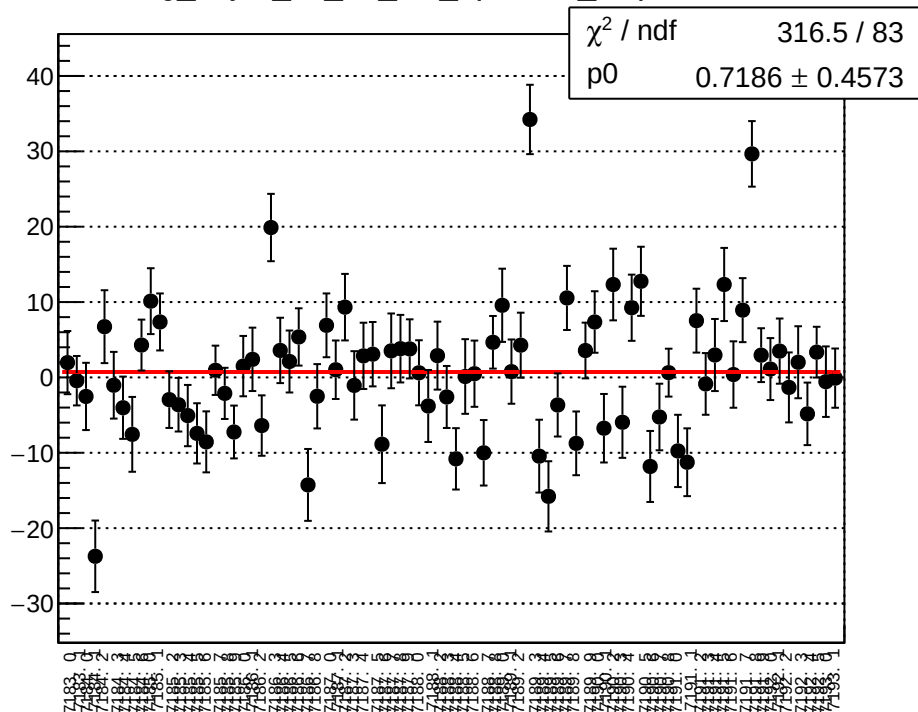
reg_asym_ds_dd_diff_bpm1X_slope vs run



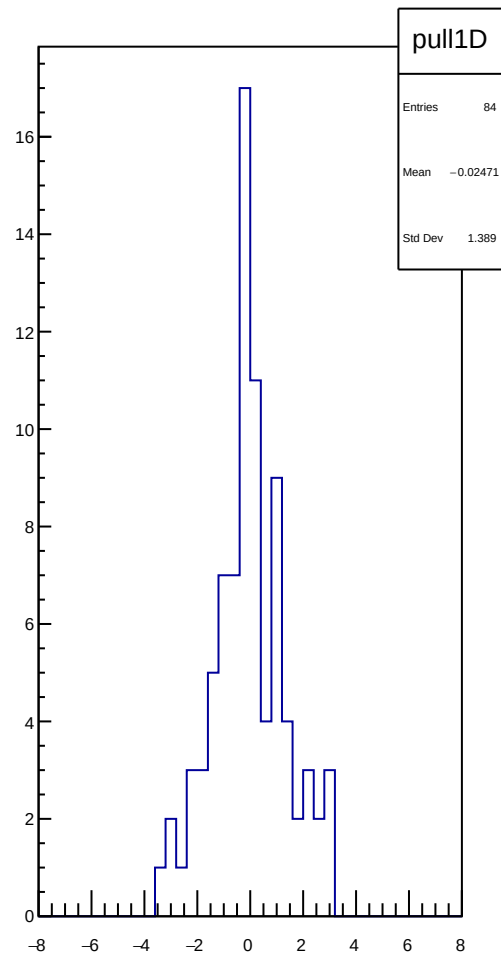
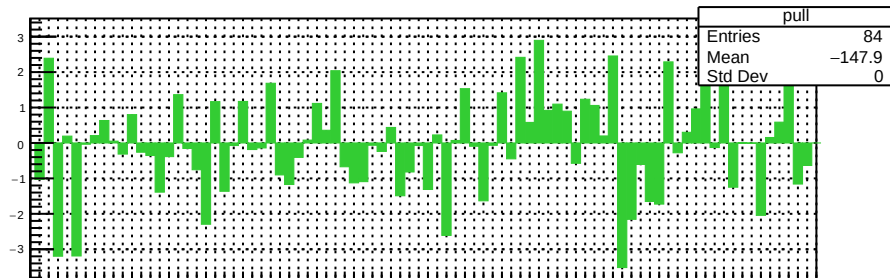
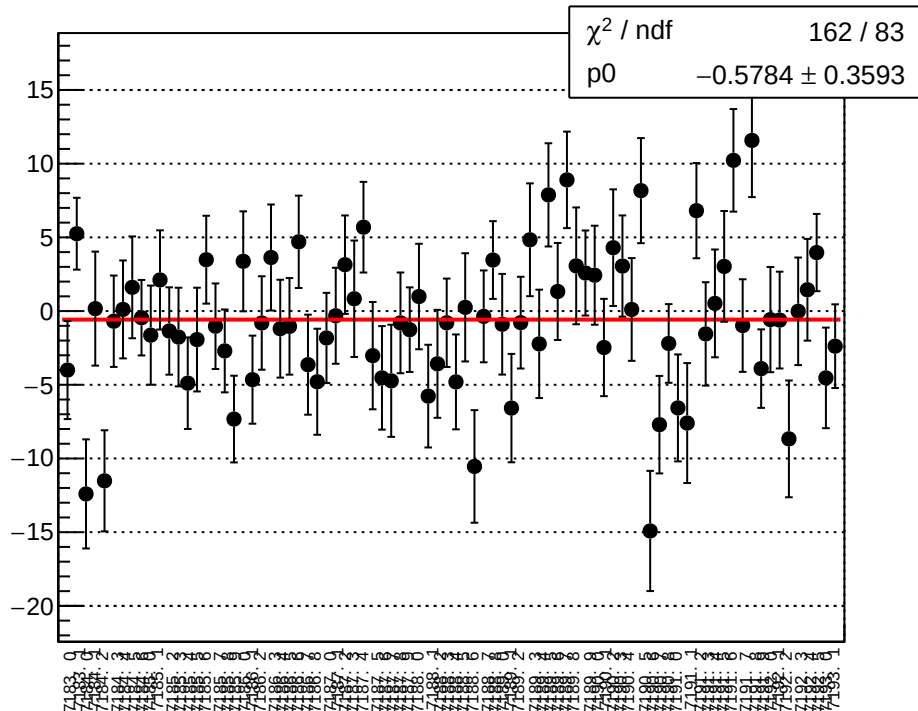
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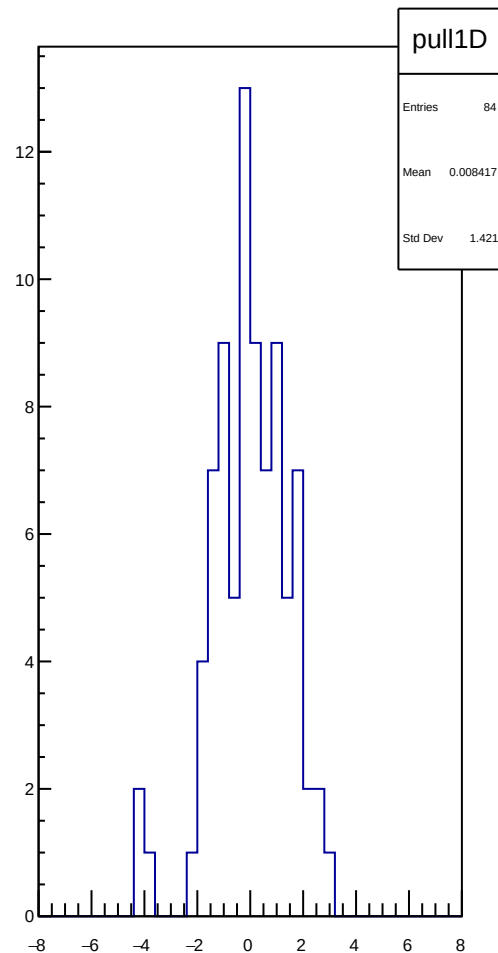
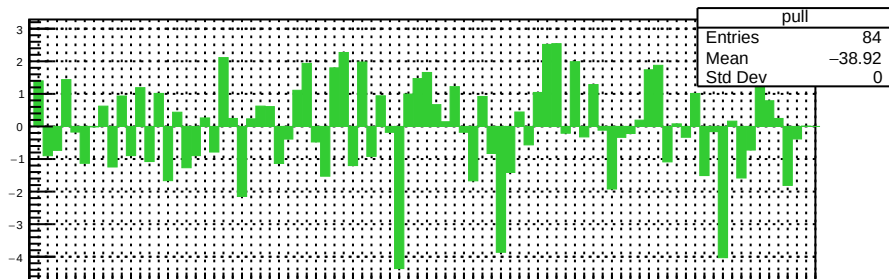
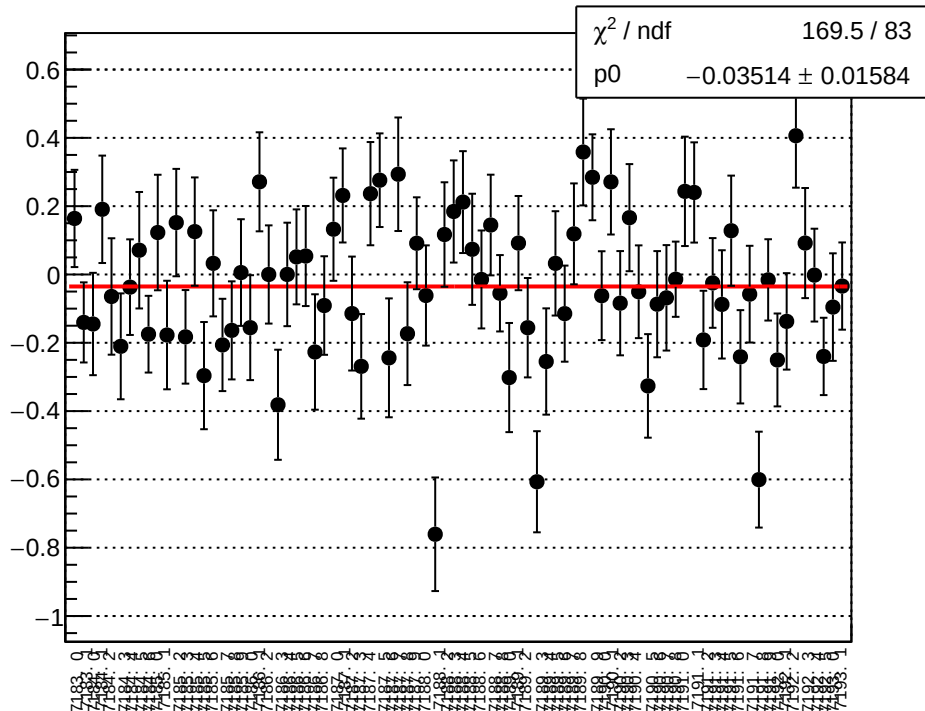
reg_asym_ds_dd_diff_bpm4eX_slope vs run



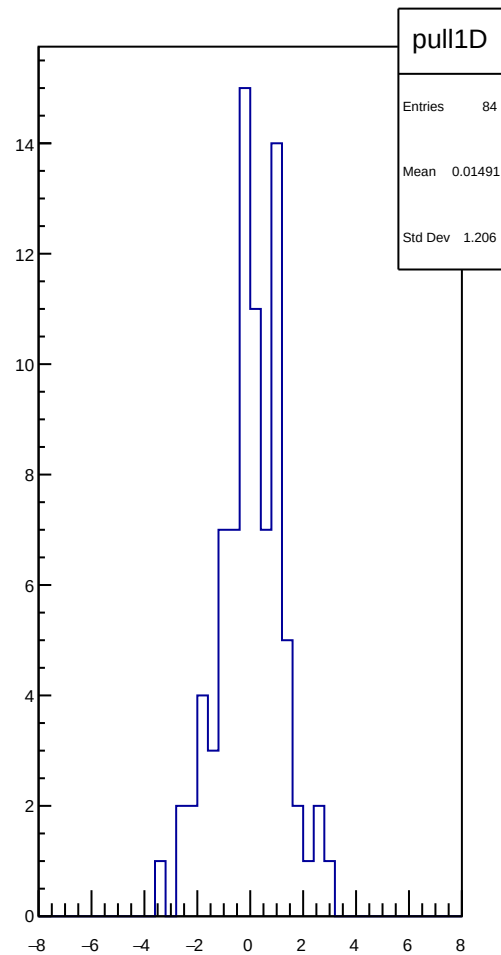
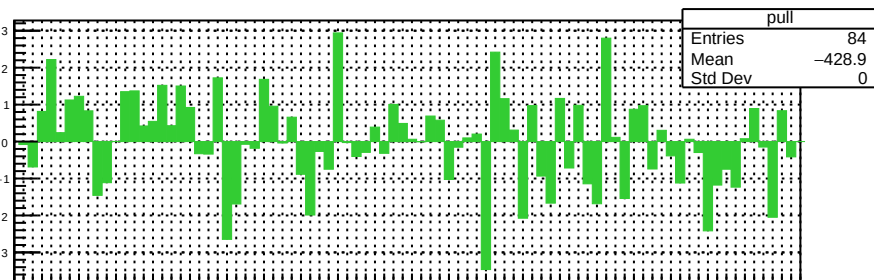
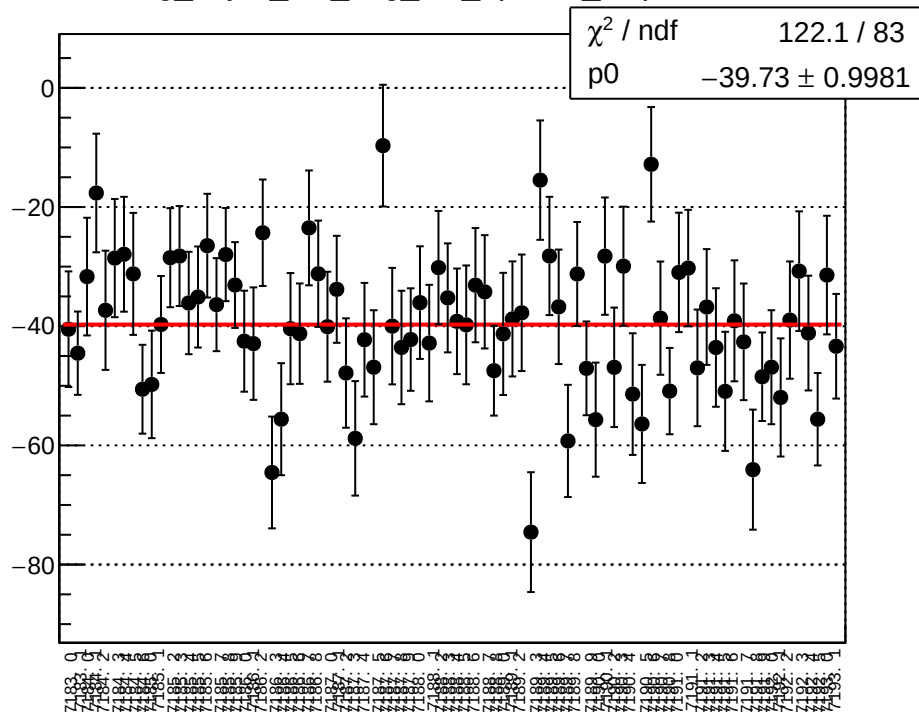
reg_asym_ds_dd_diff_bpm4eY_slope vs run



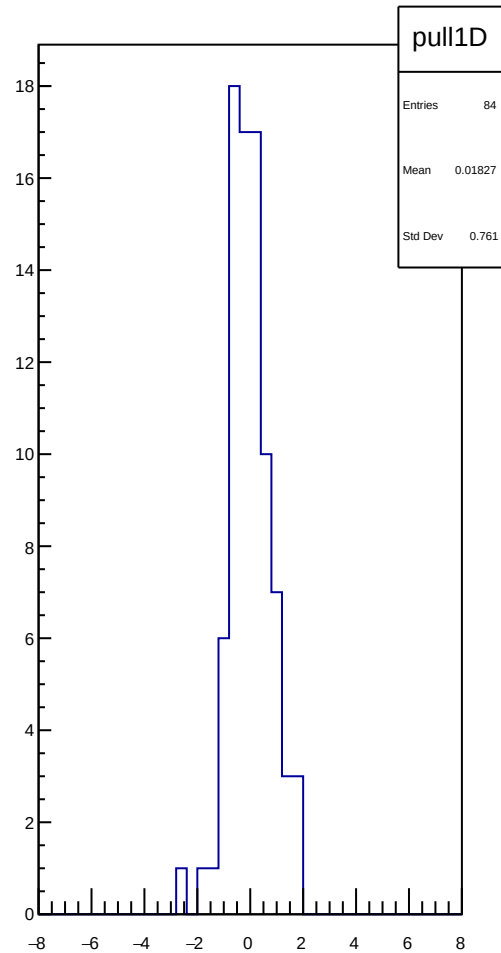
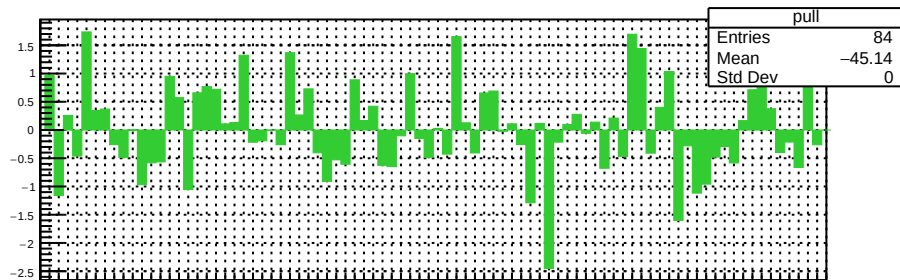
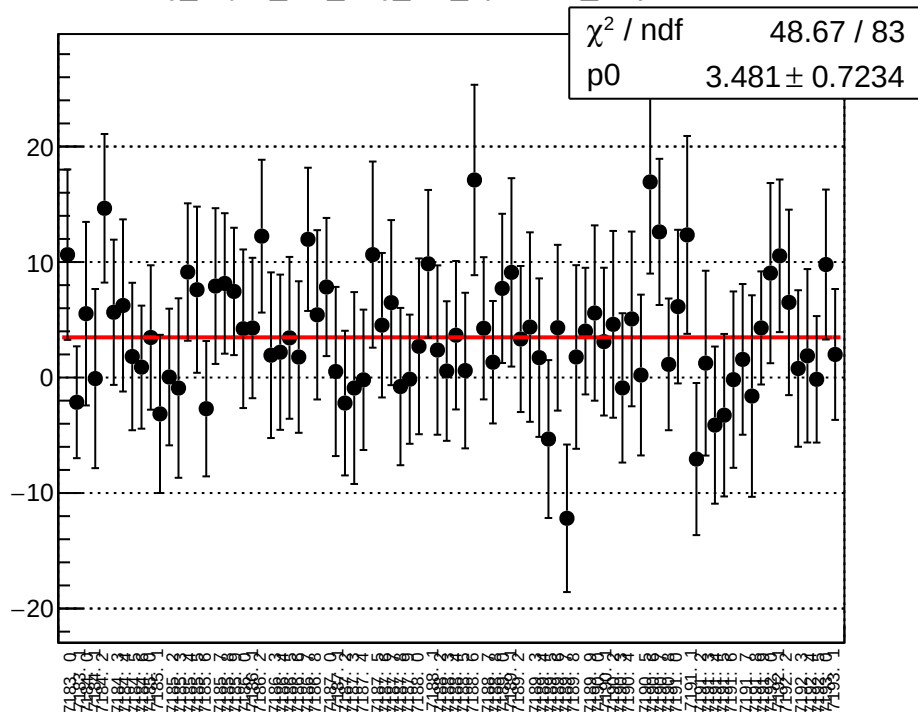
reg_asym_ds_dd_diff_bpm12X_slope vs run



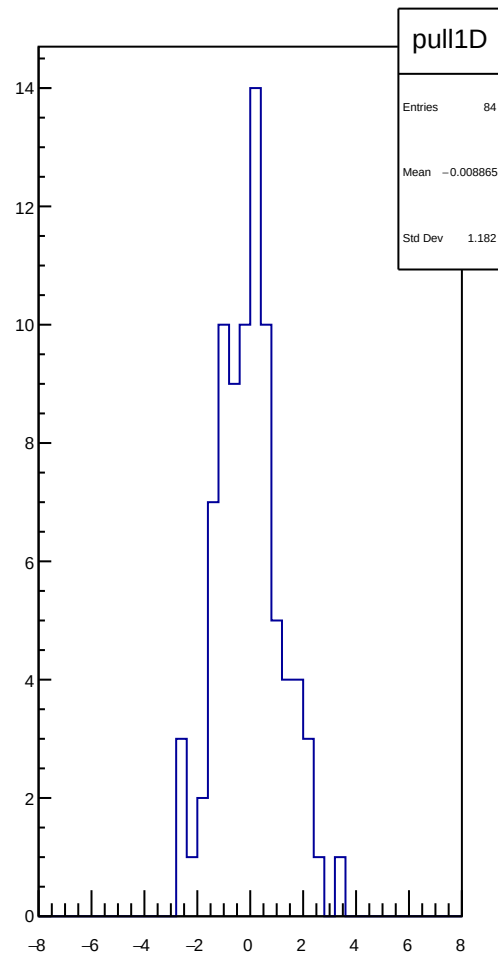
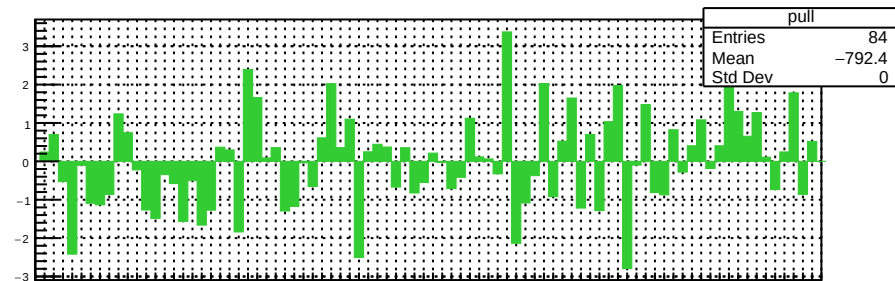
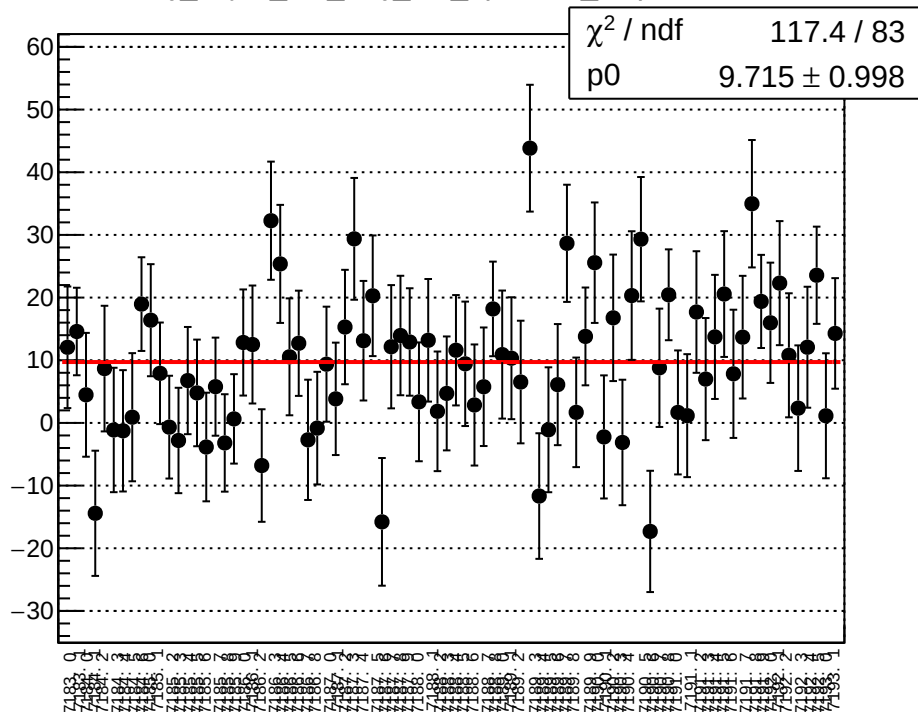
reg_asym_left_avg_diff_bpm1X_slope vs run



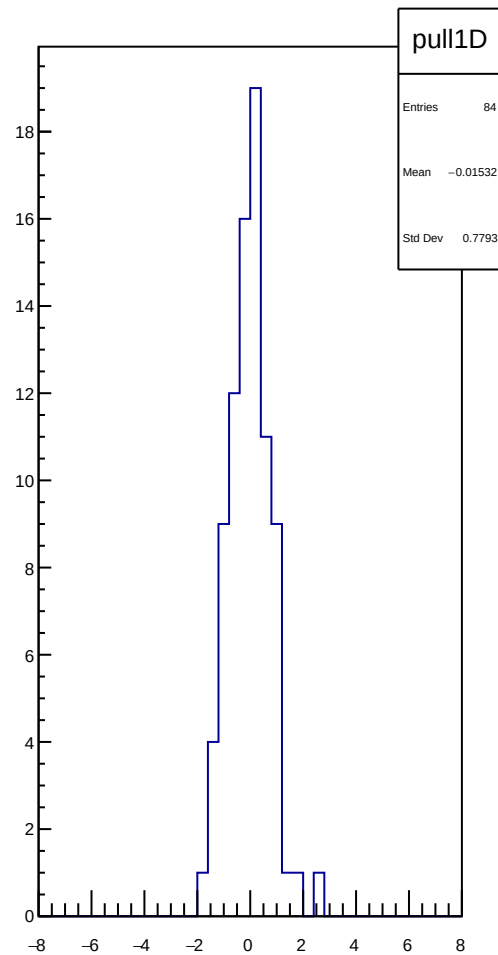
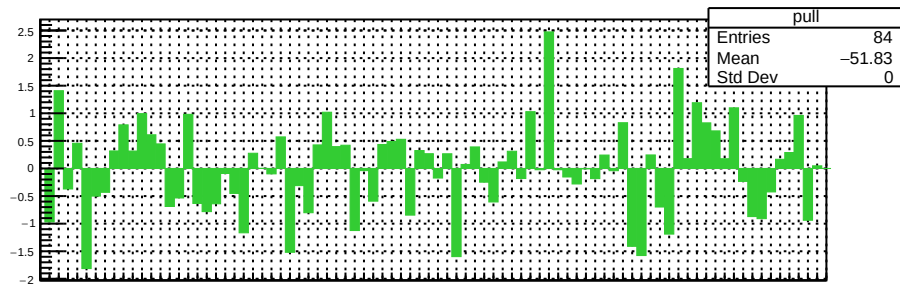
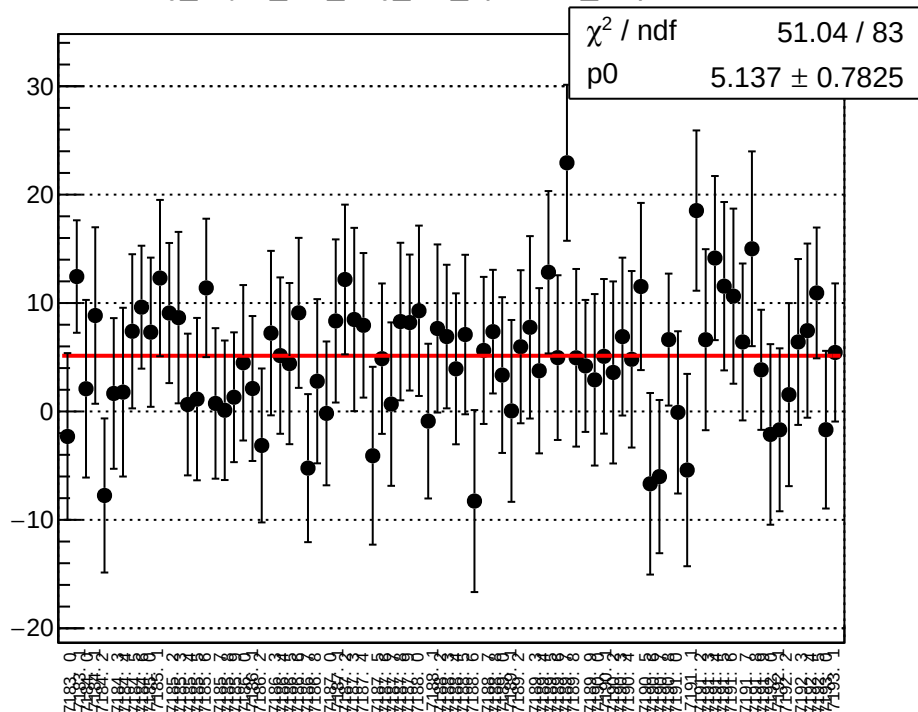
reg_asym_left_avg_diff_bpm4aY_slope vs run



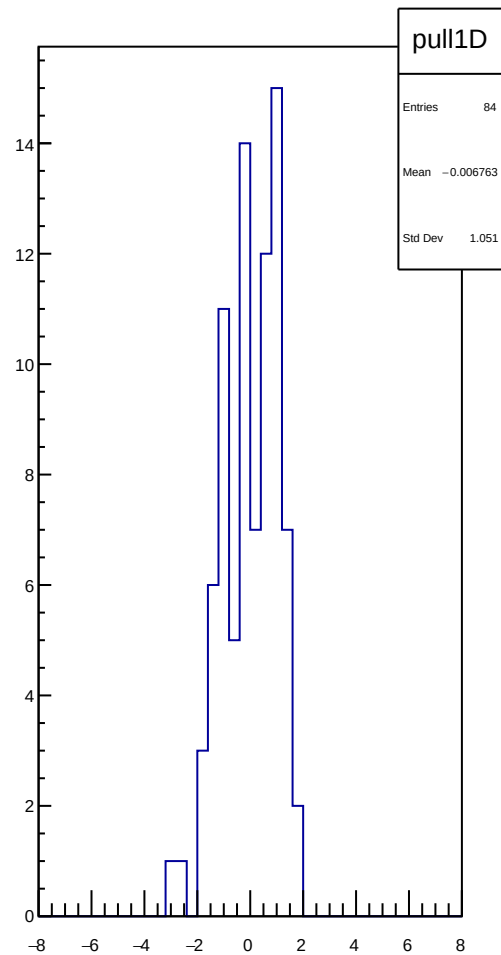
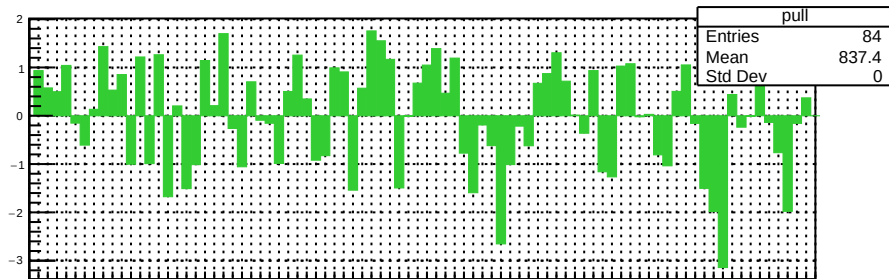
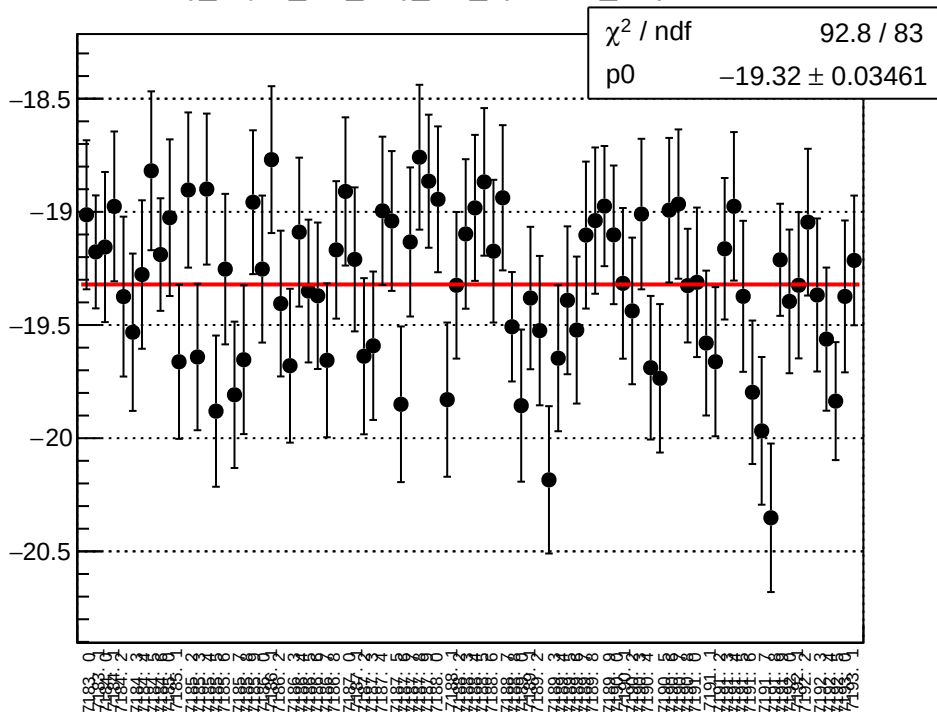
reg_asym_left_avg_diff_bpm4eX_slope vs run



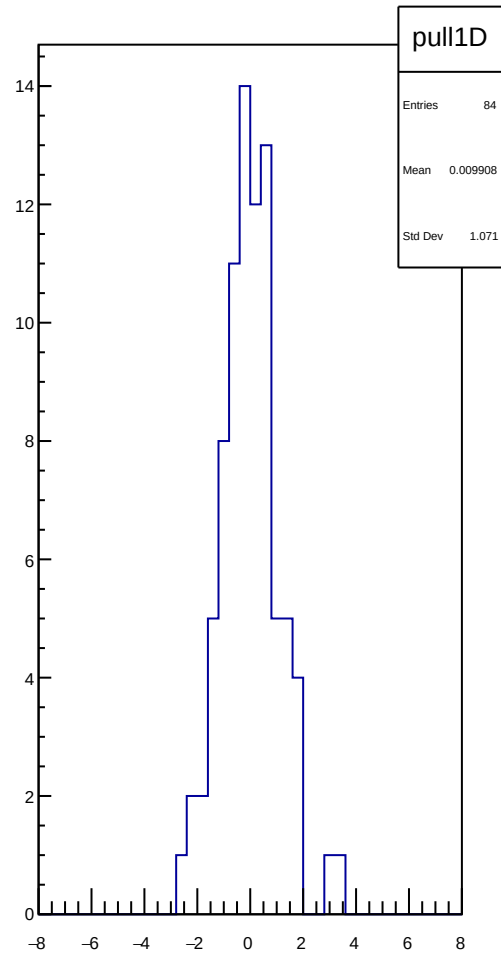
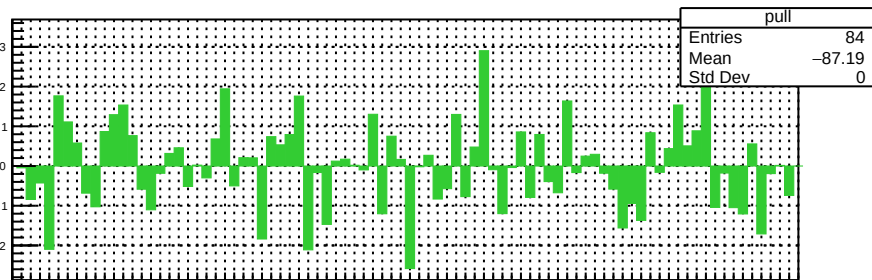
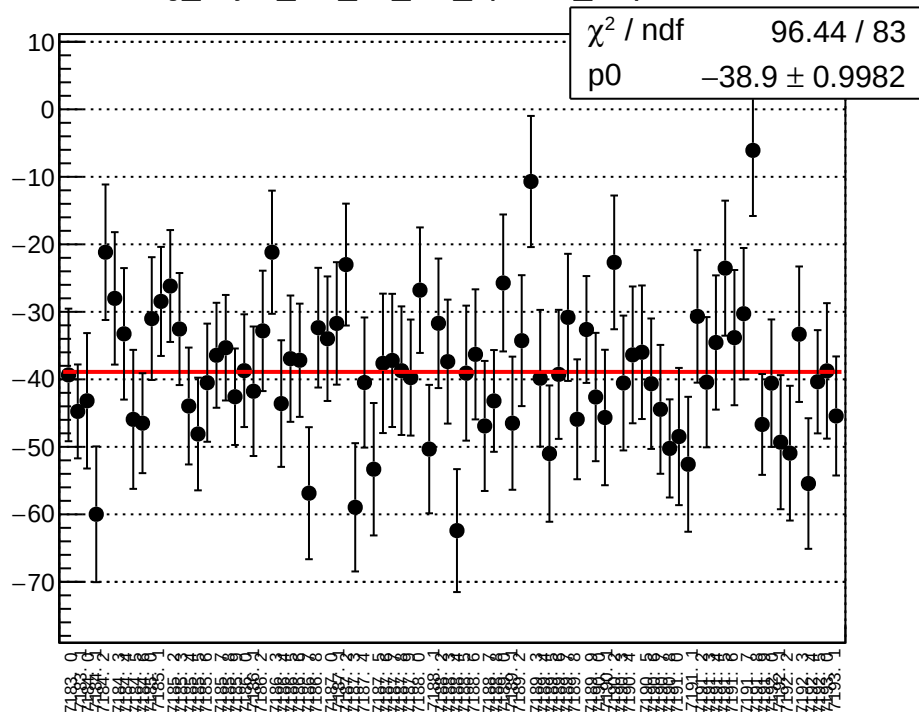
reg_asym_left_avg_diff_bpm4eY_slope vs run



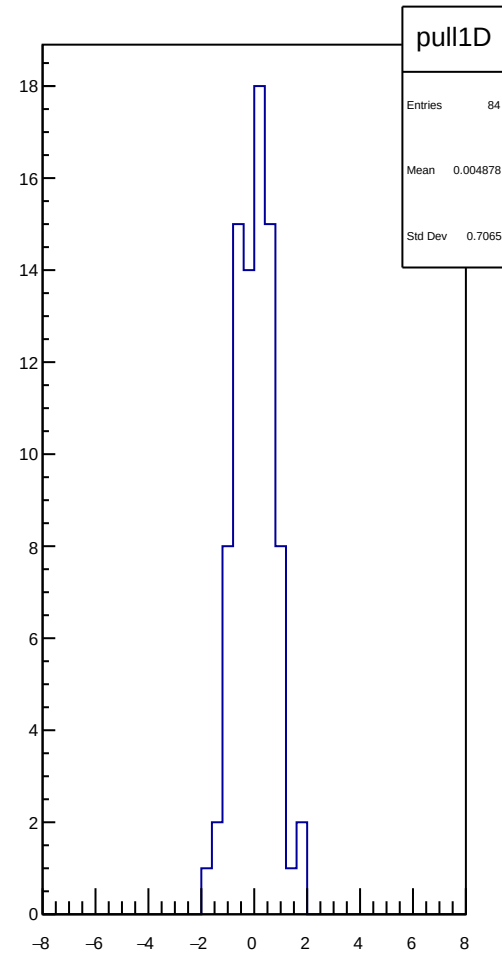
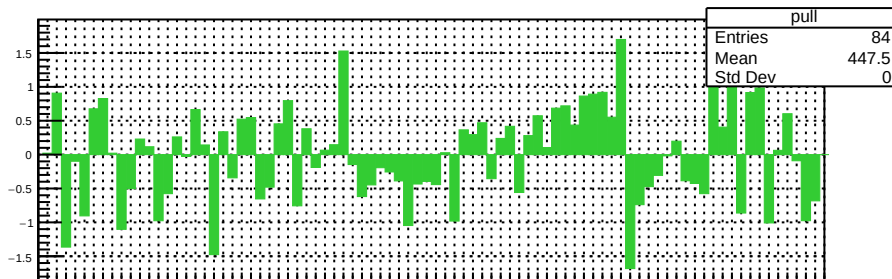
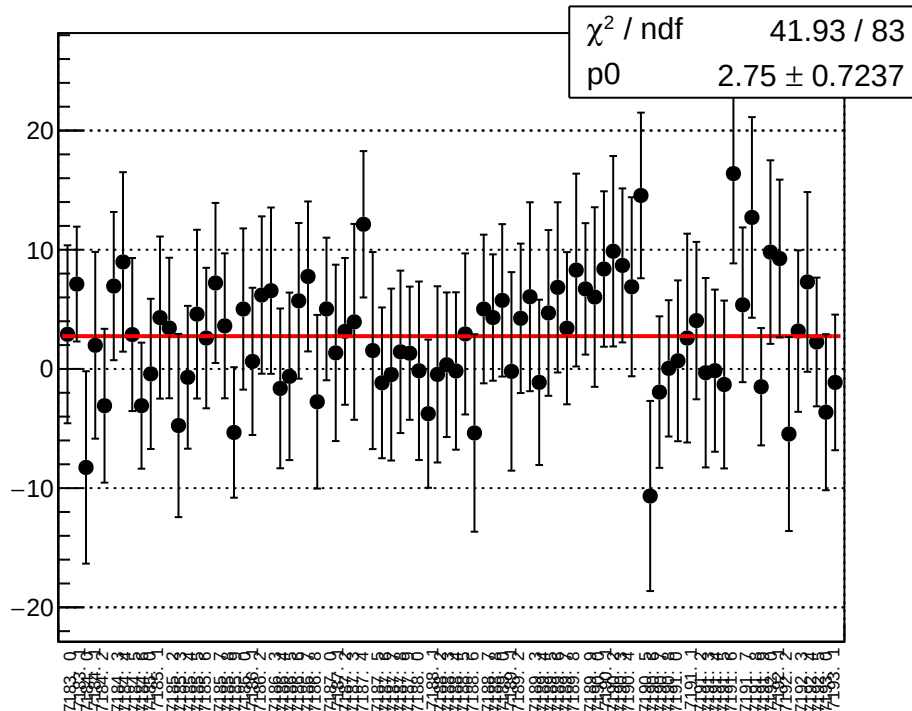
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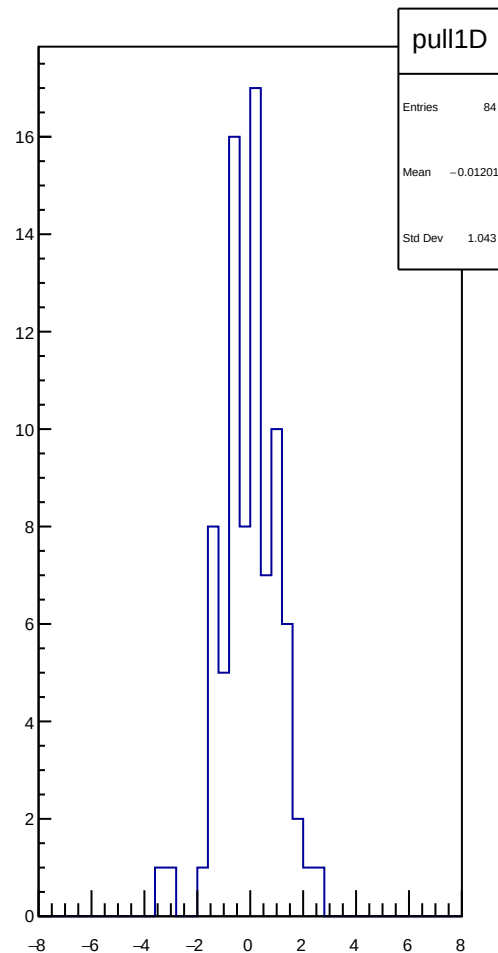
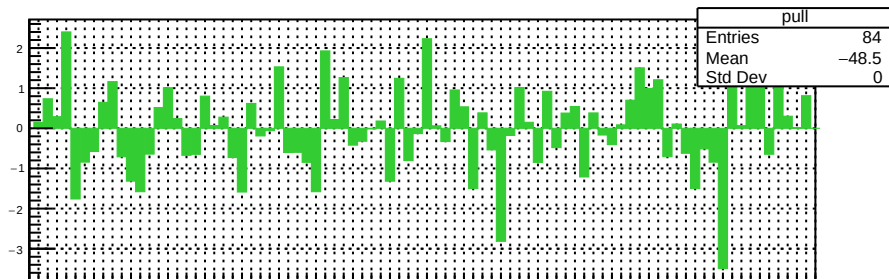
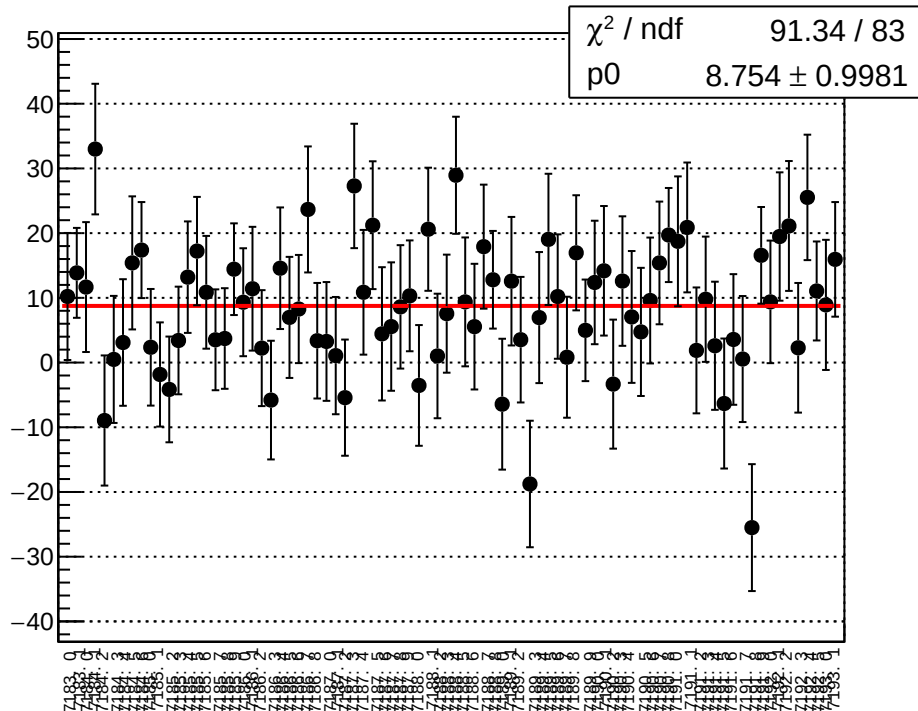
reg_asym_left_dd_diff_bpm1X_slope vs run



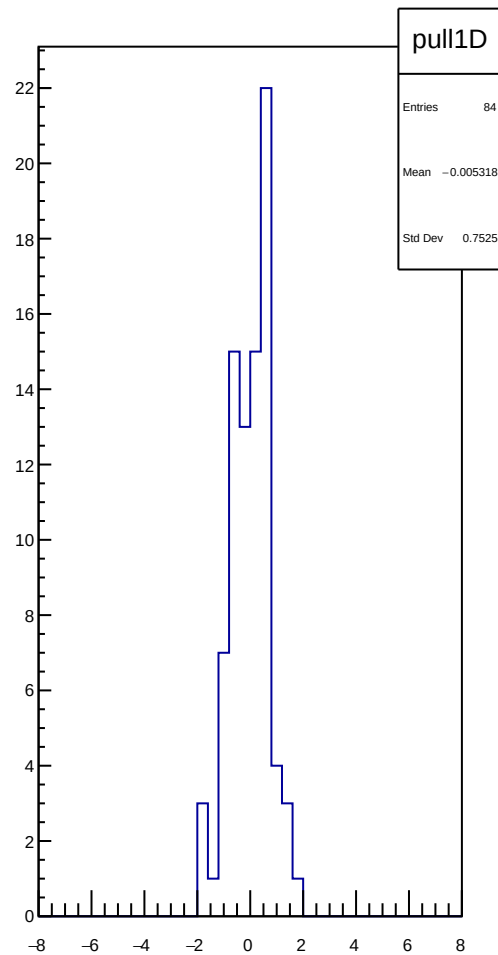
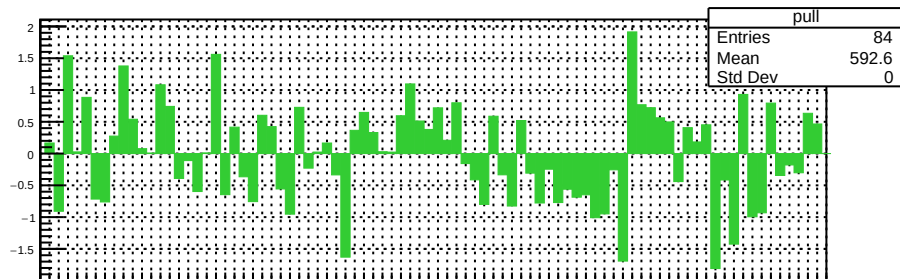
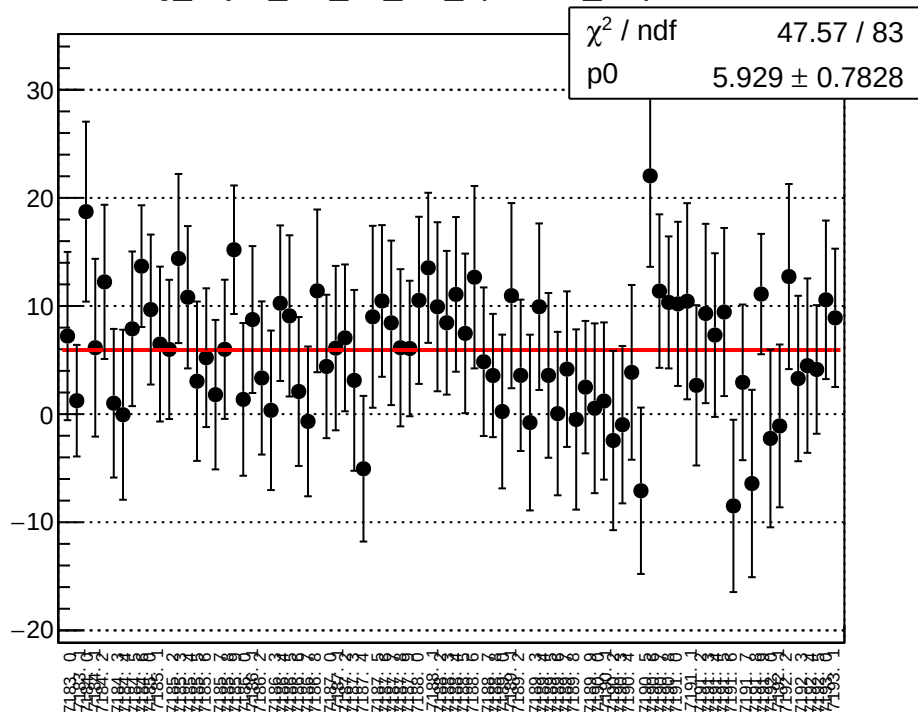
reg_asym_left_dd_diff_bpm4aY_slope vs run



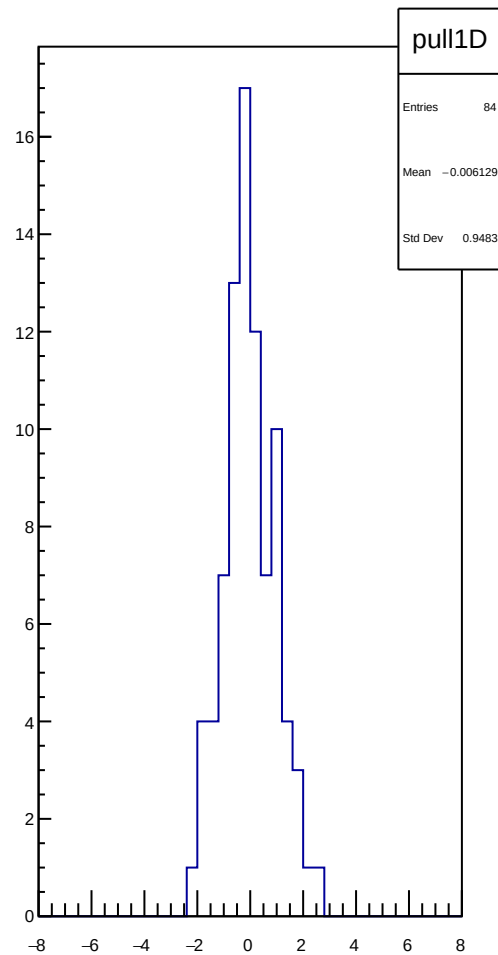
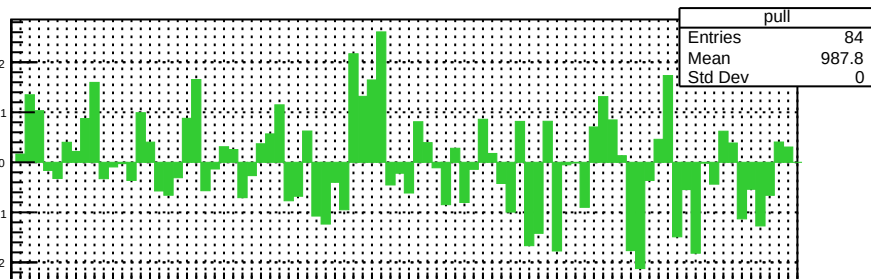
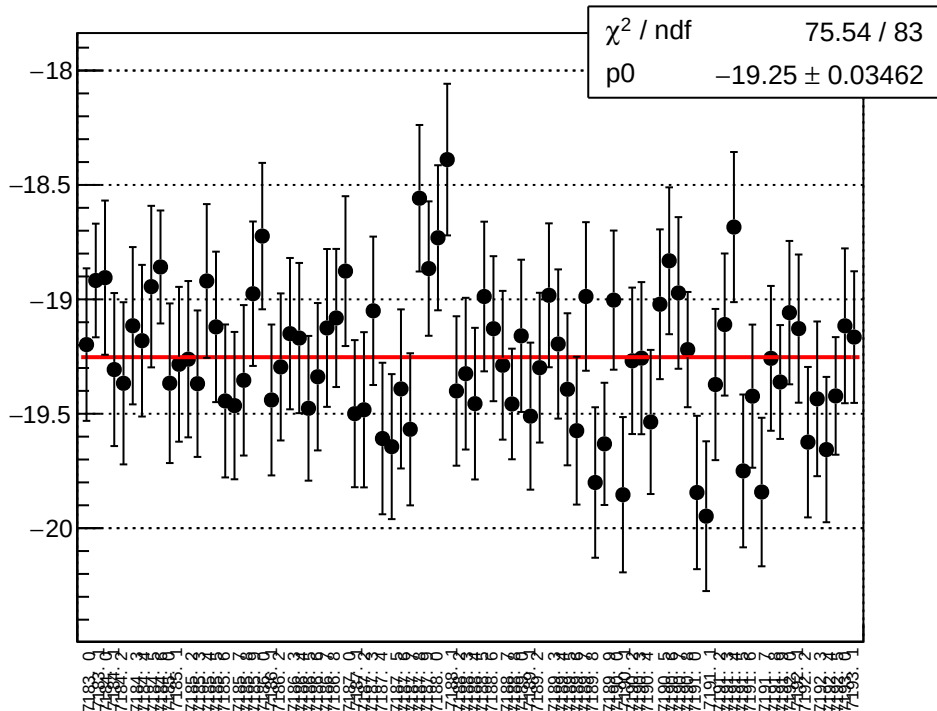
reg_asym_left_dd_diff_bpm4eX_slope vs run



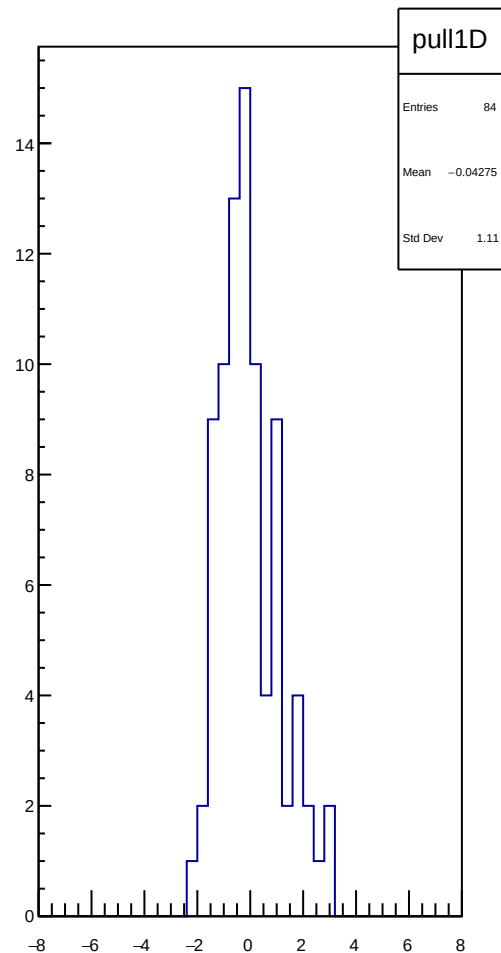
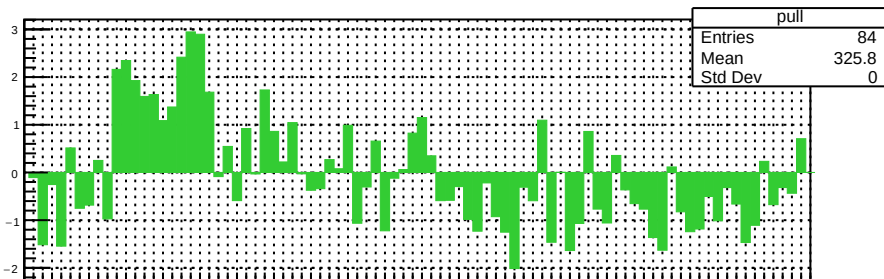
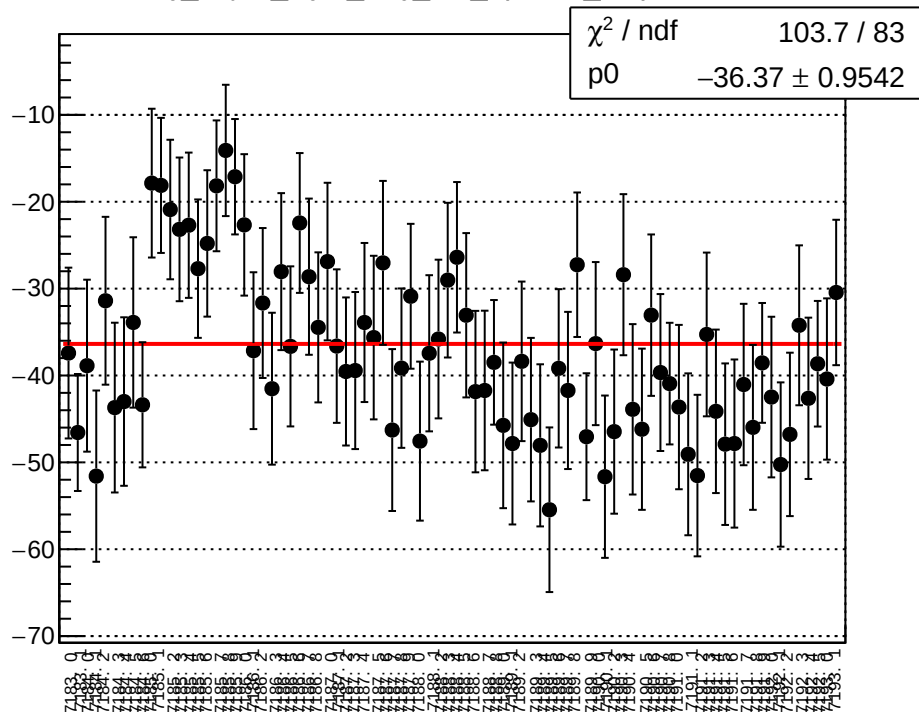
reg_asym_left_dd_diff_bpm4eY_slope vs run



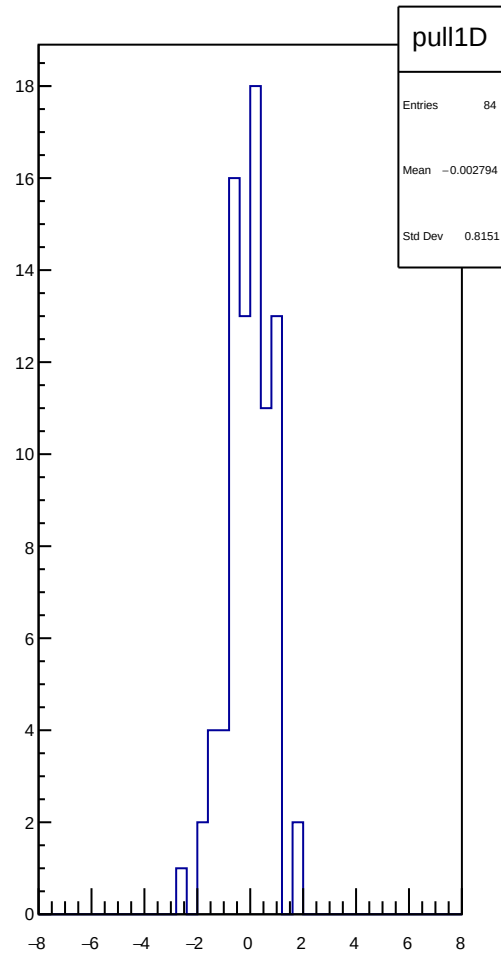
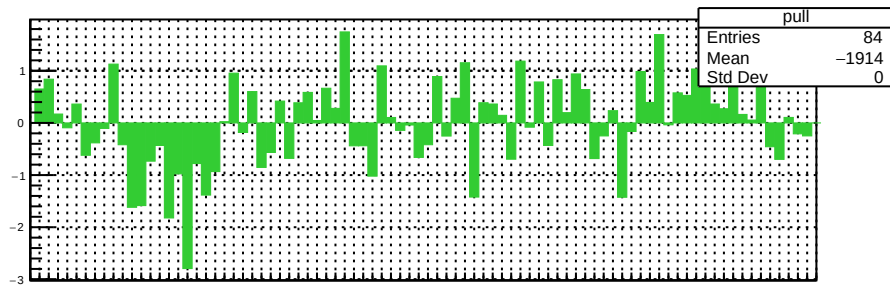
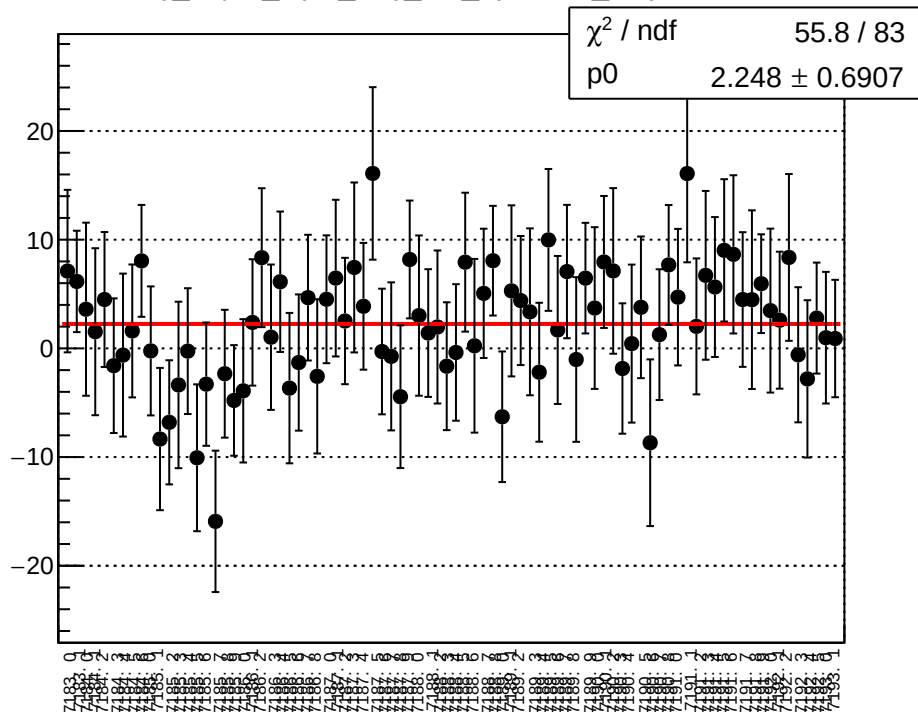
reg_asym_left_dd_diff_bpm12X_slope vs run



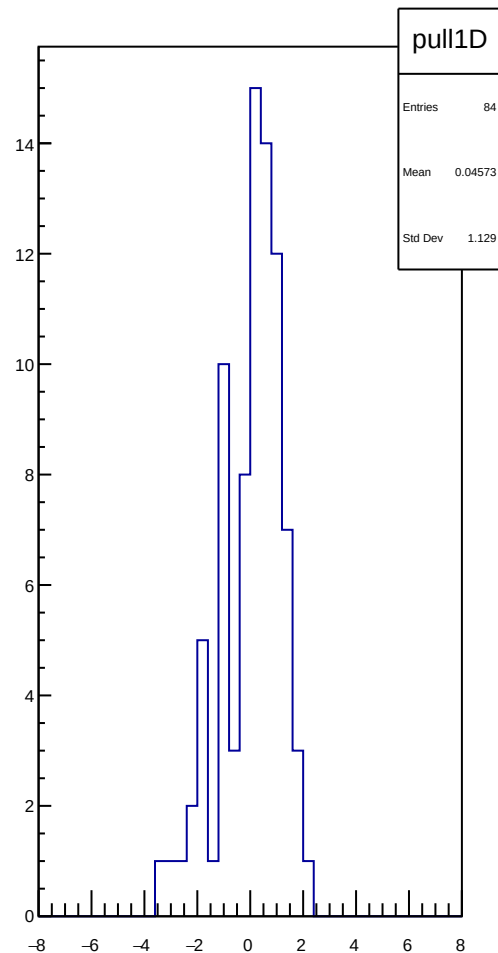
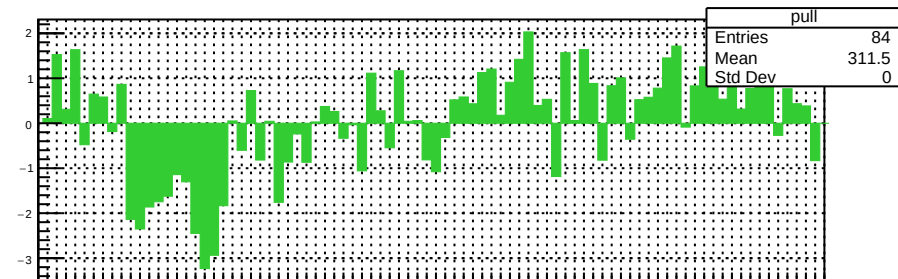
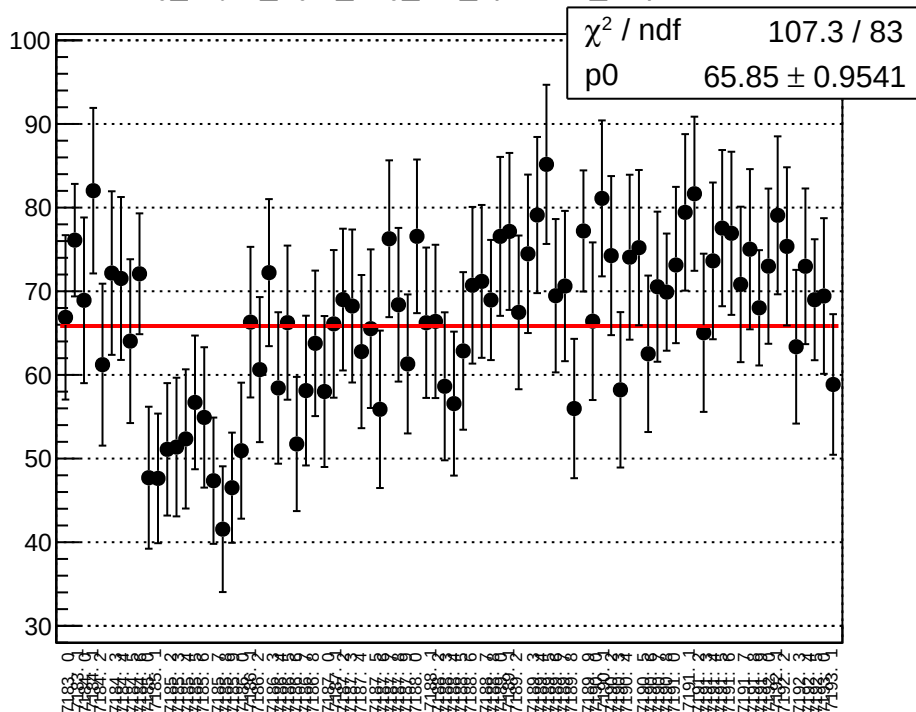
reg_asym_right_avg_diff_bpm1X_slope vs run



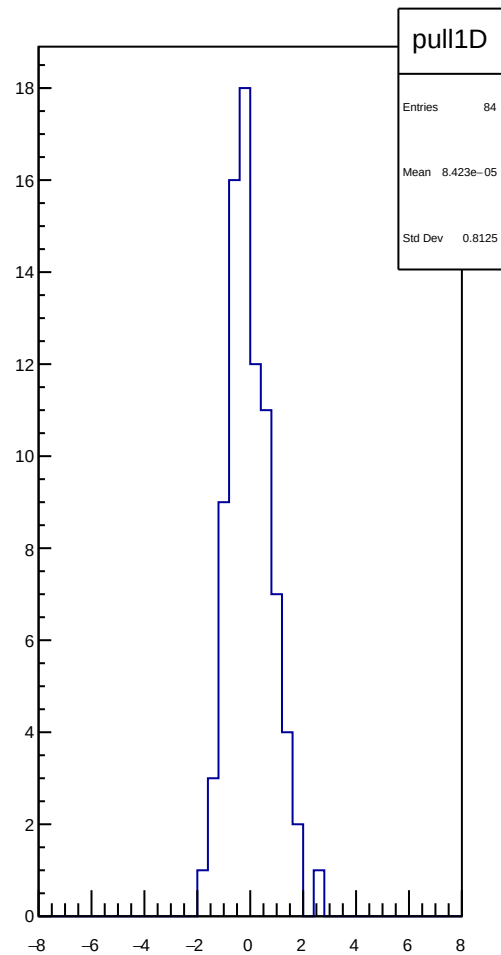
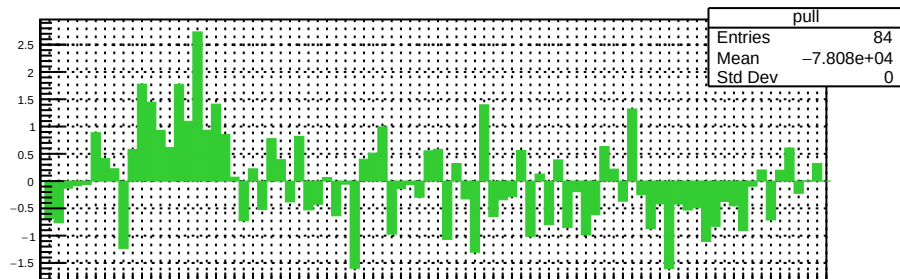
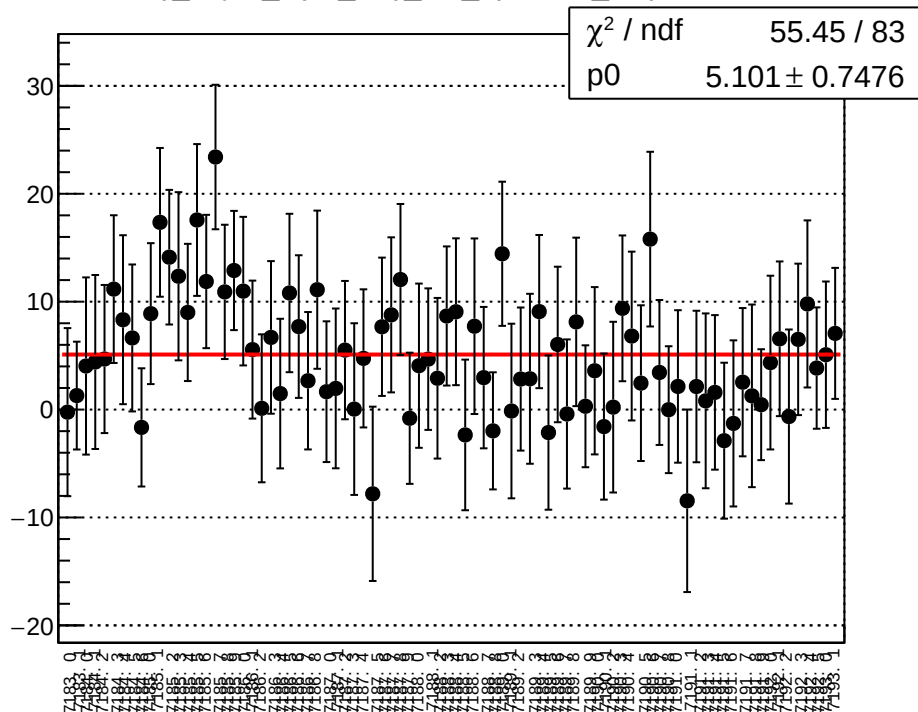
reg_asym_right_avg_diff_bpm4aY_slope vs run



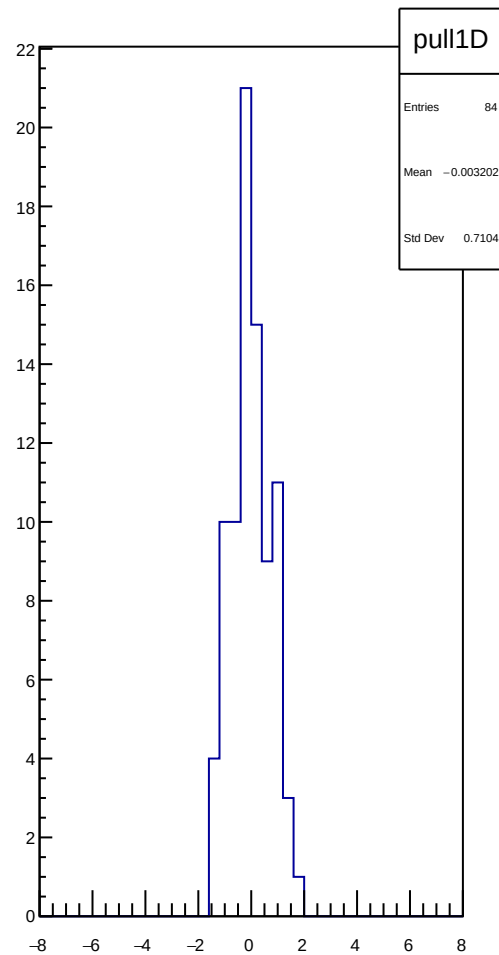
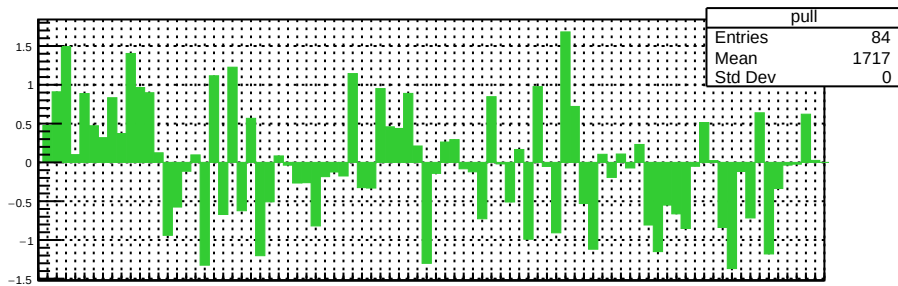
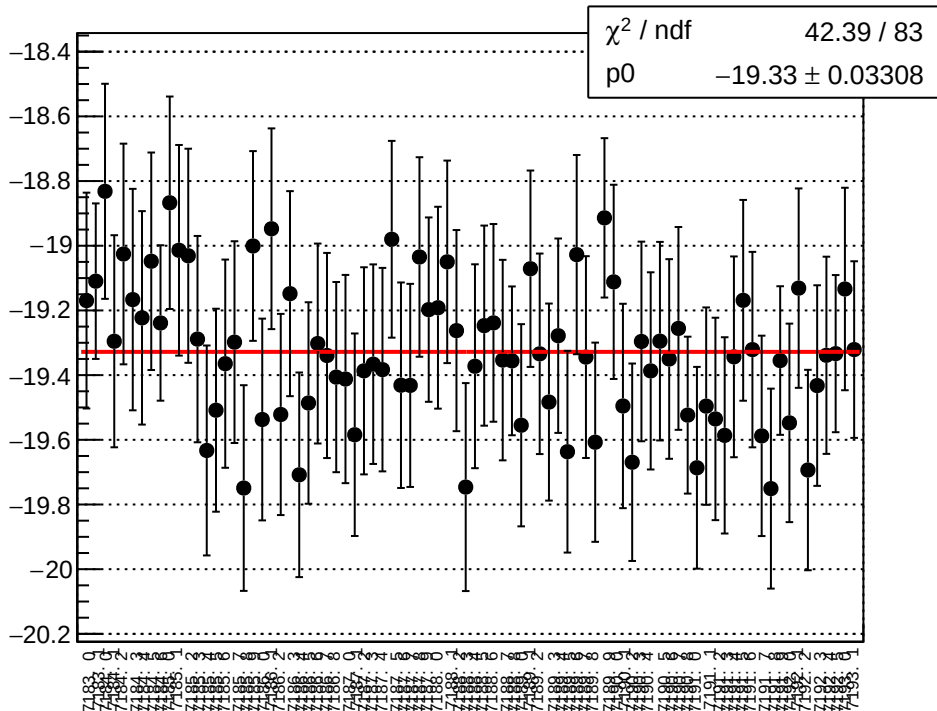
reg_asym_right_avg_diff_bpm4eX_slope vs run



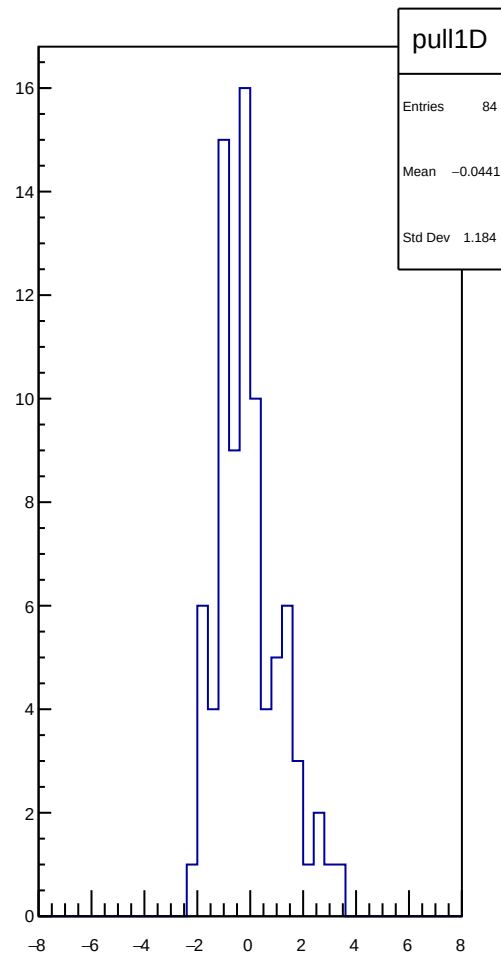
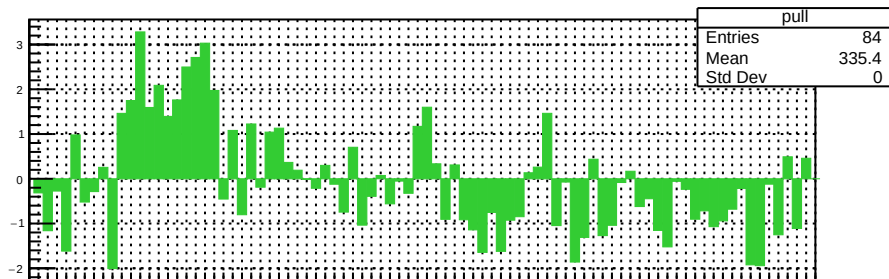
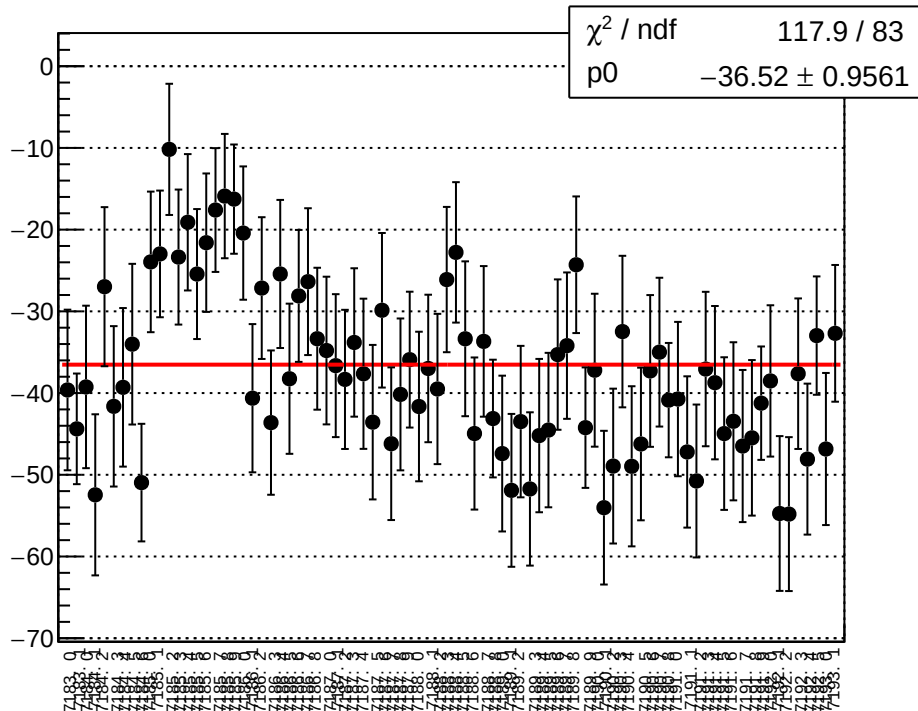
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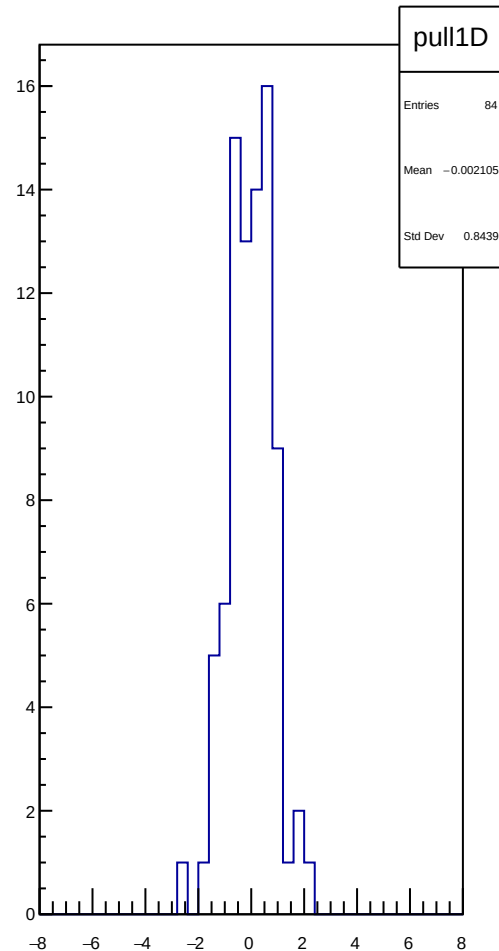
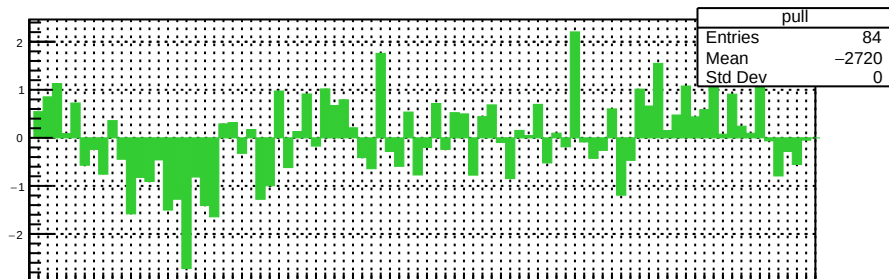
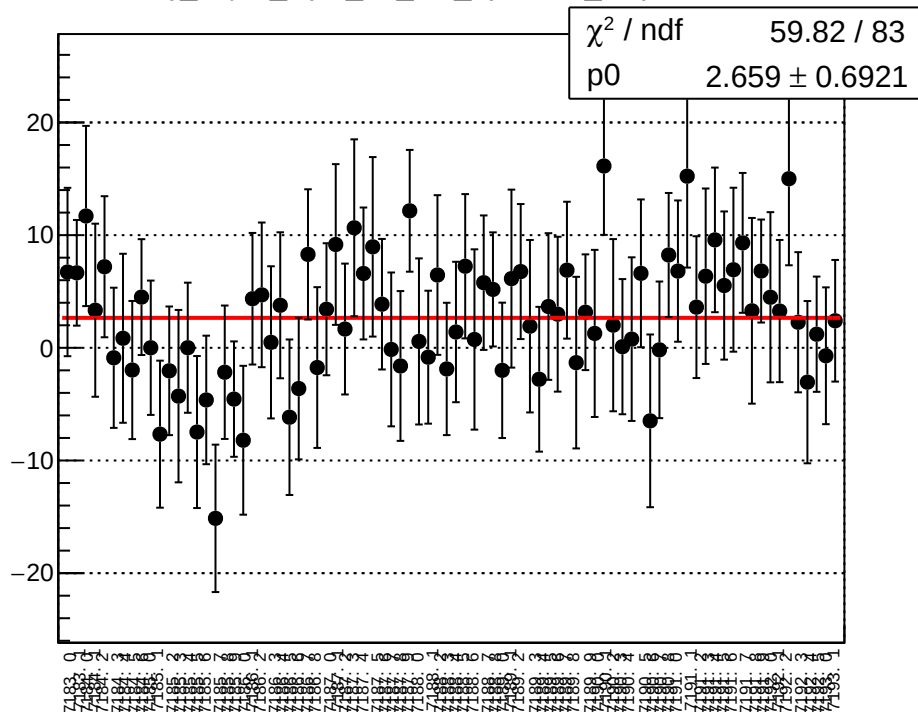
reg_asym_right_avg_diff_bpm12X_slope vs run



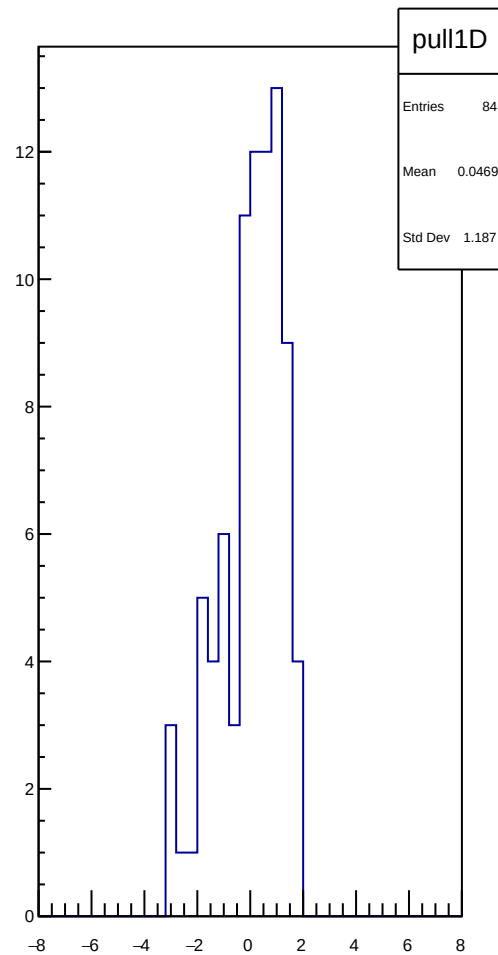
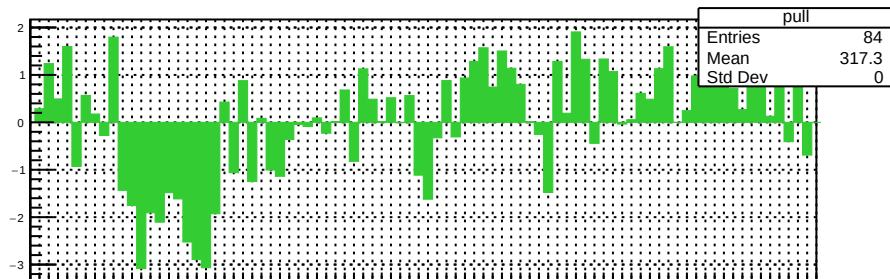
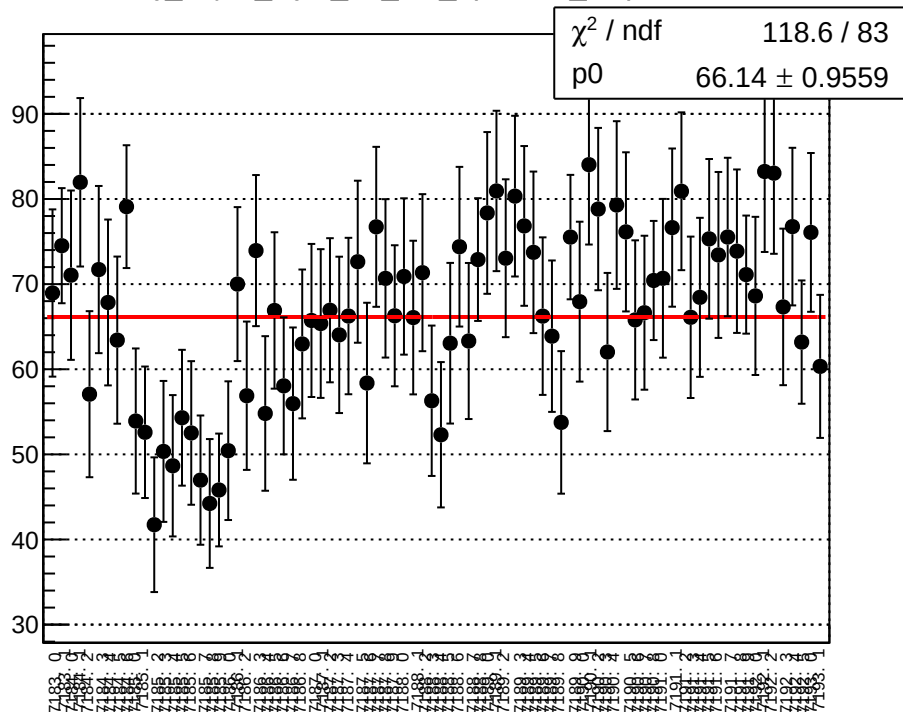
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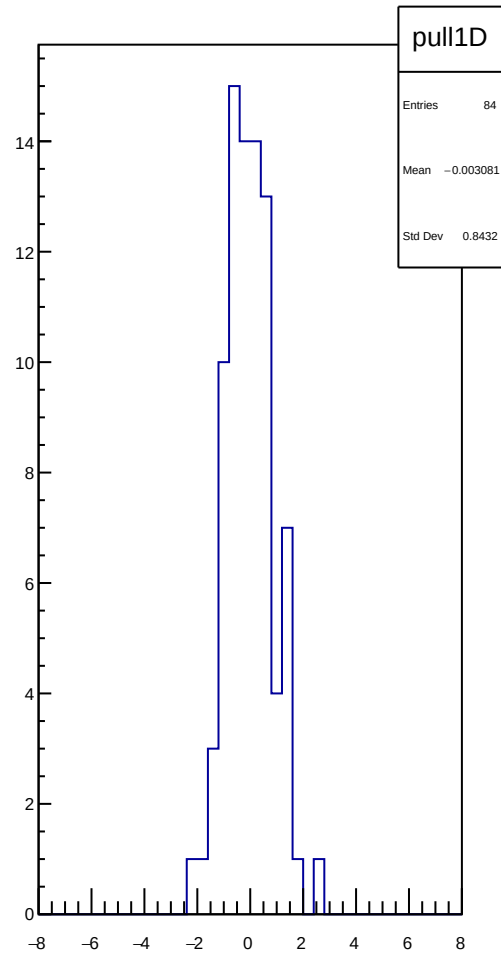
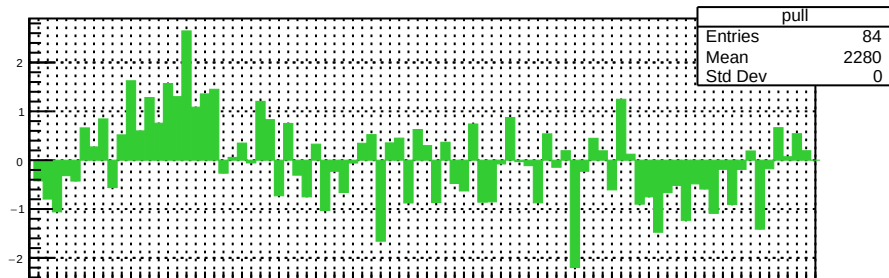
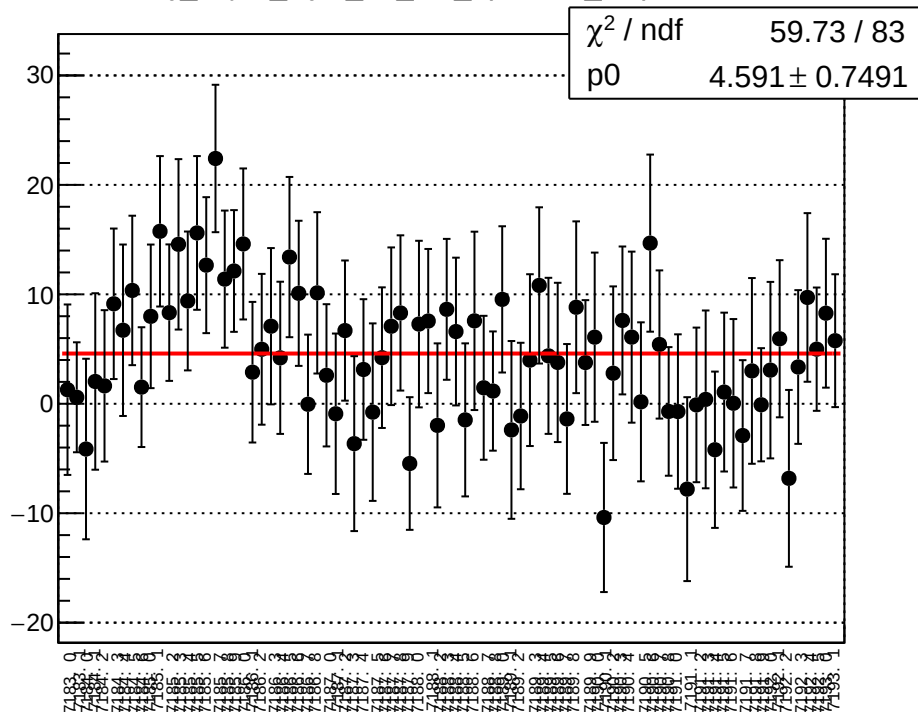
reg_asym_right_dd_diff_bpm4aY_slope vs run



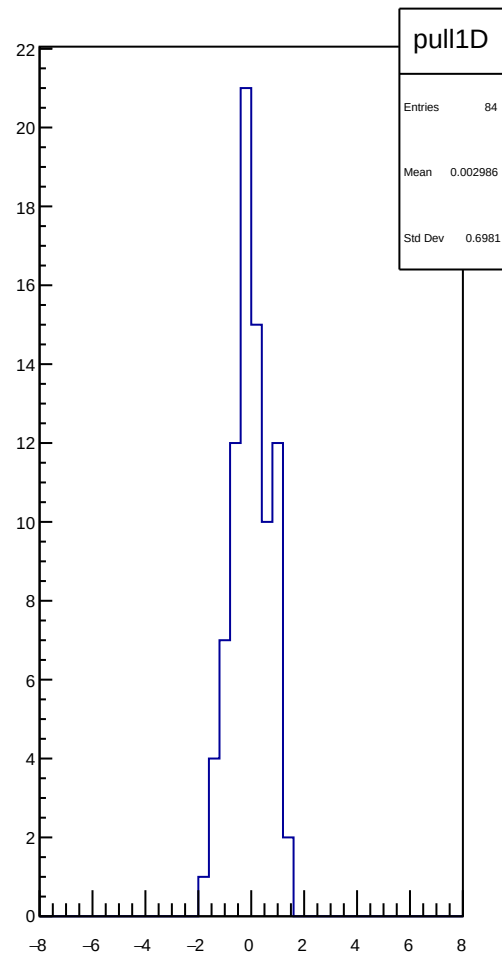
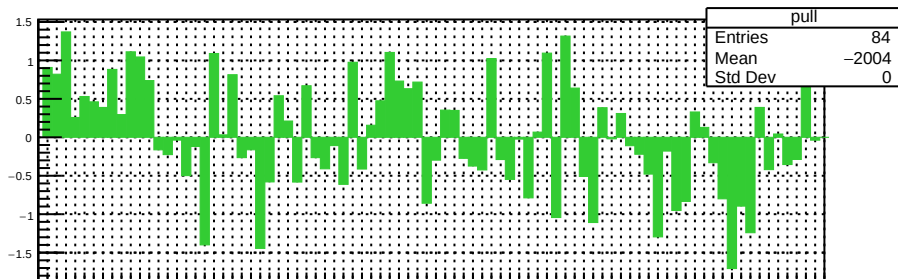
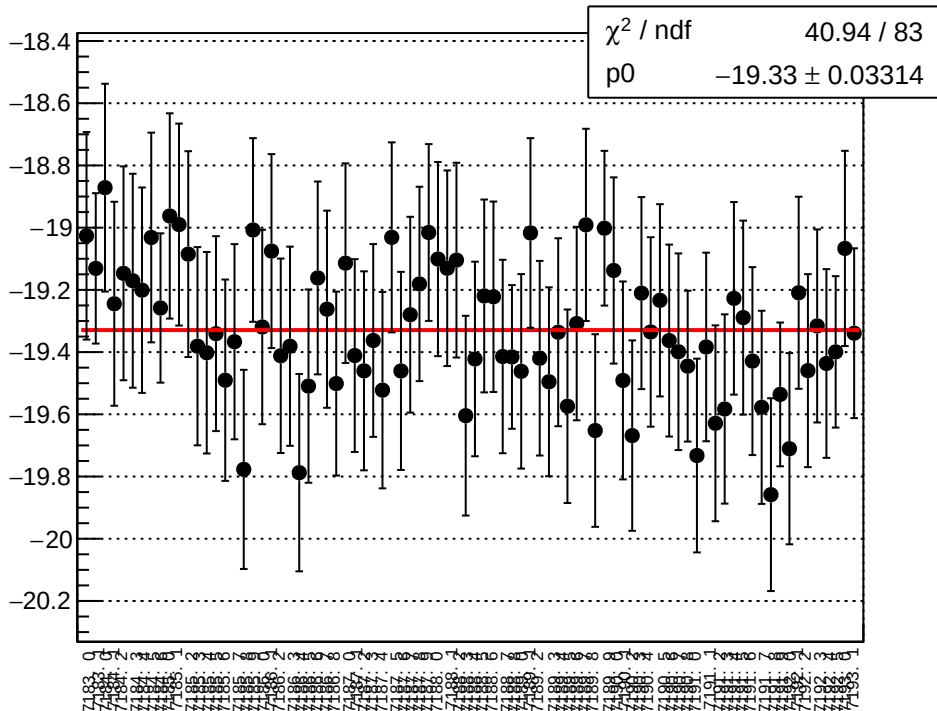
reg_asym_right_dd_diff_bpm4eX_slope vs run



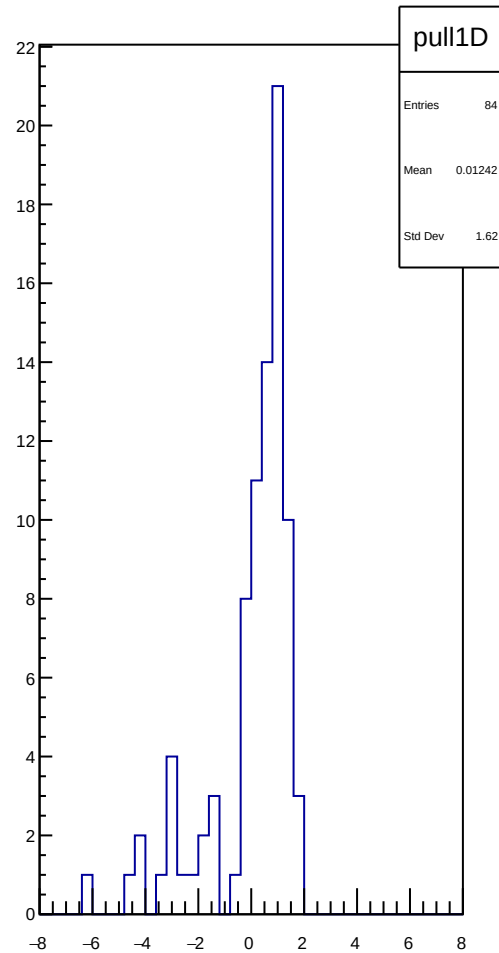
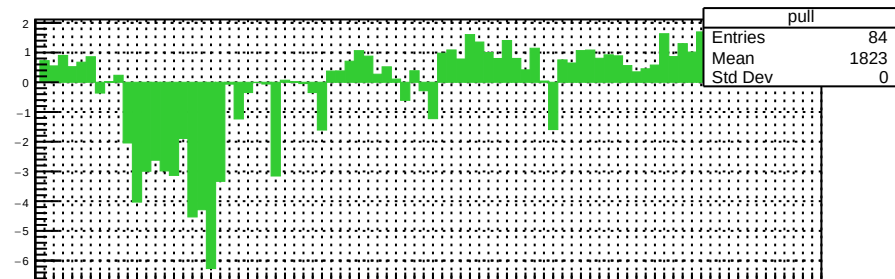
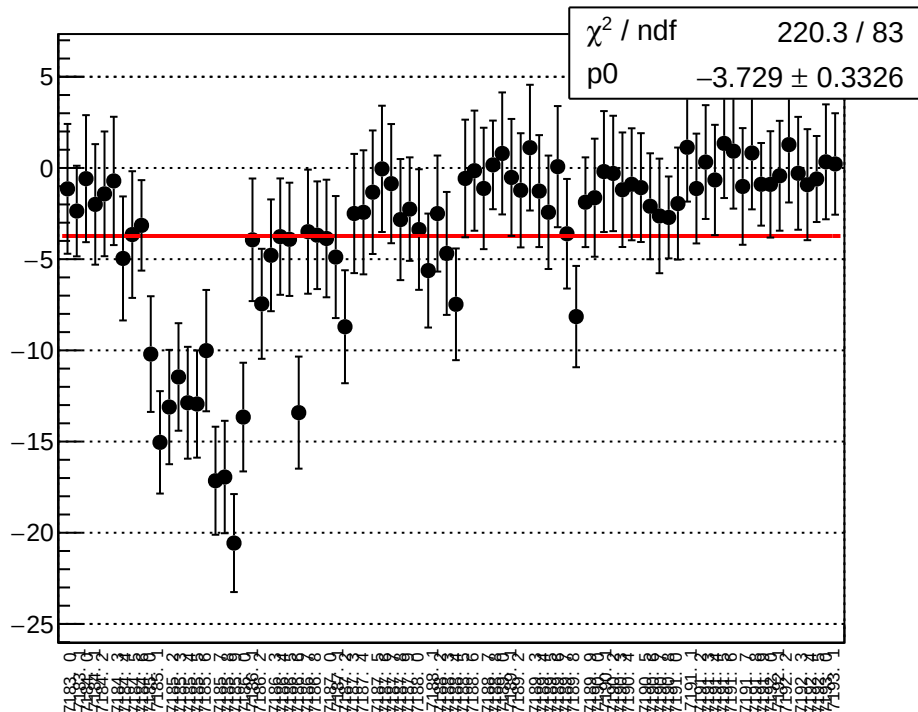
reg_asym_right_dd_diff_bpm4eY_slope vs run



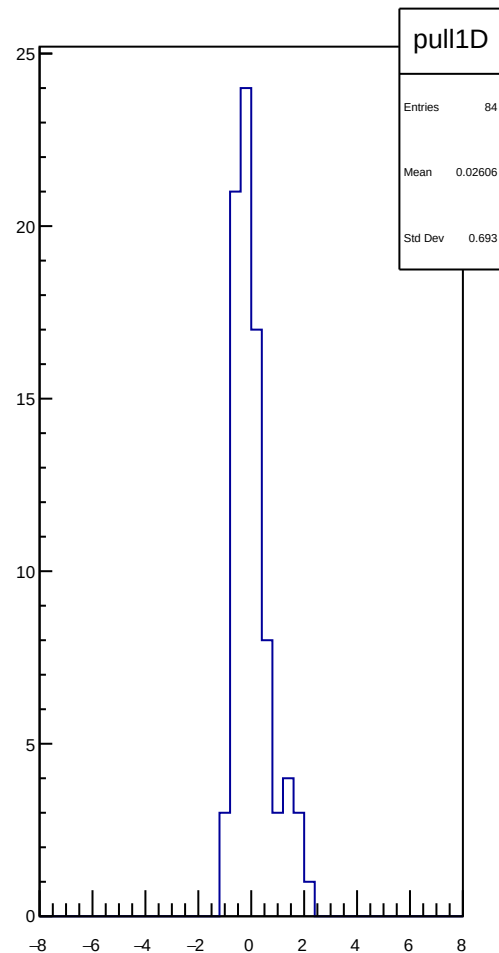
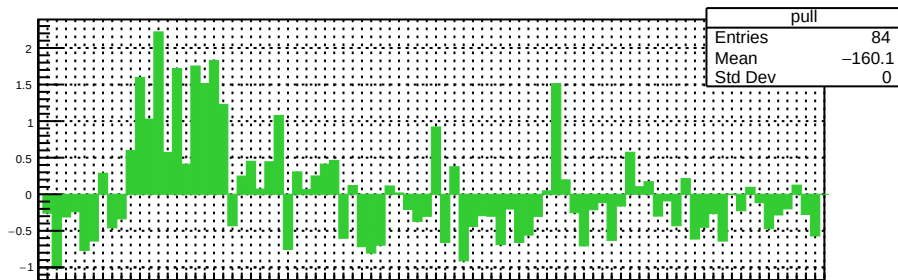
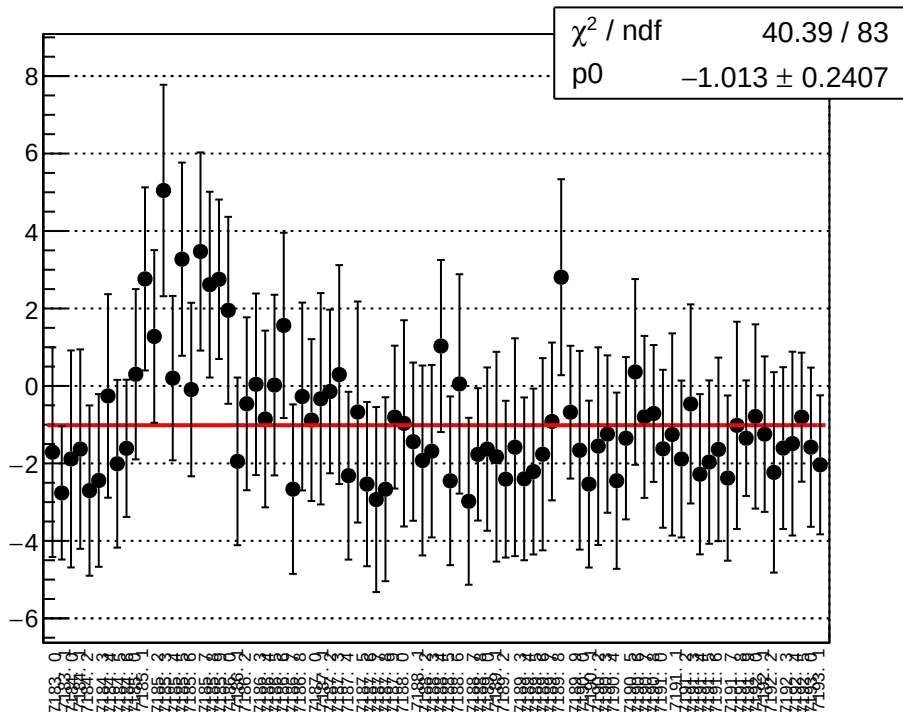
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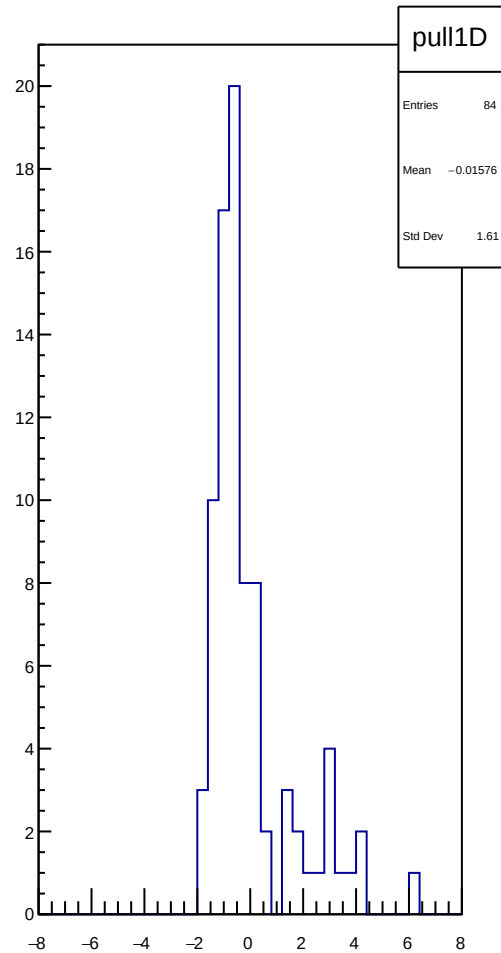
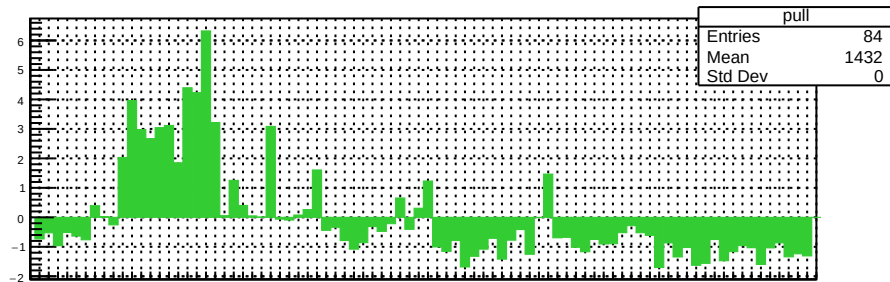
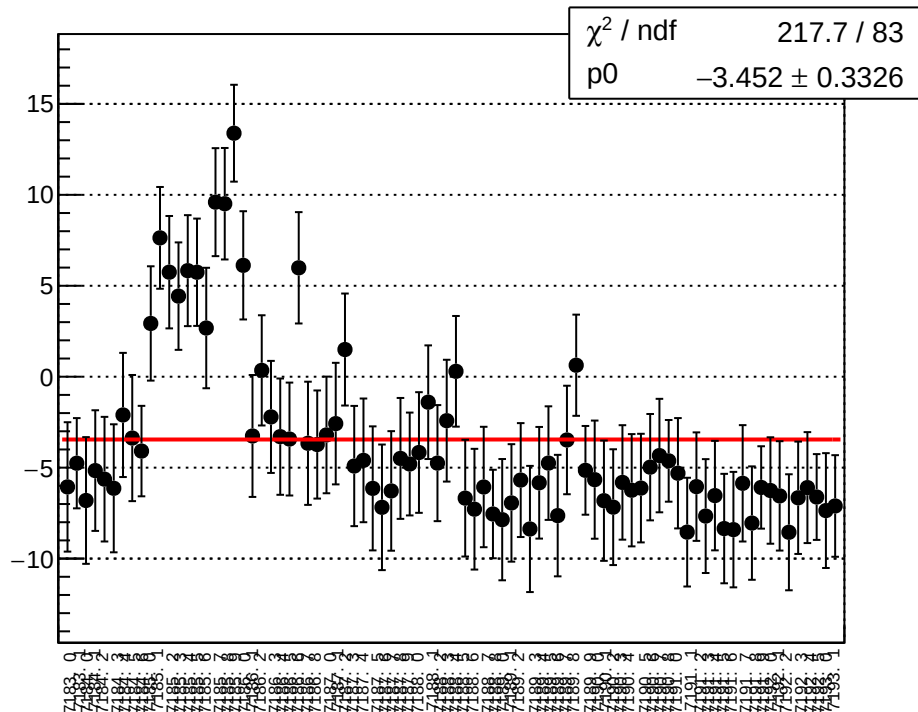
reg_asym_sam_15_avg_diff_bpm1X_slope vs run



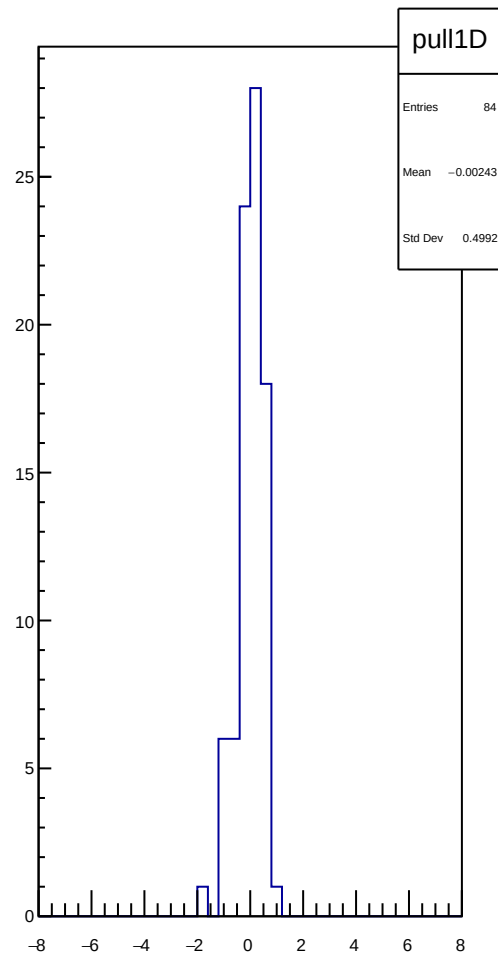
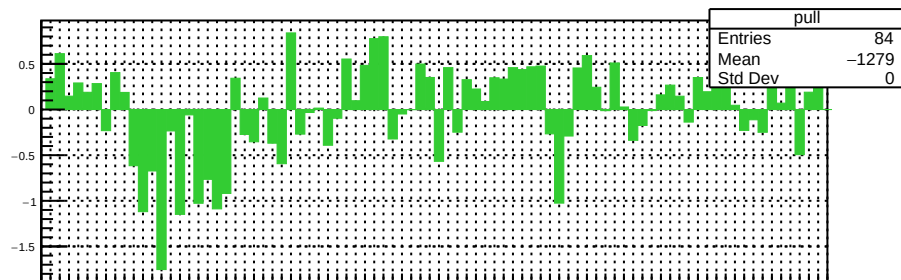
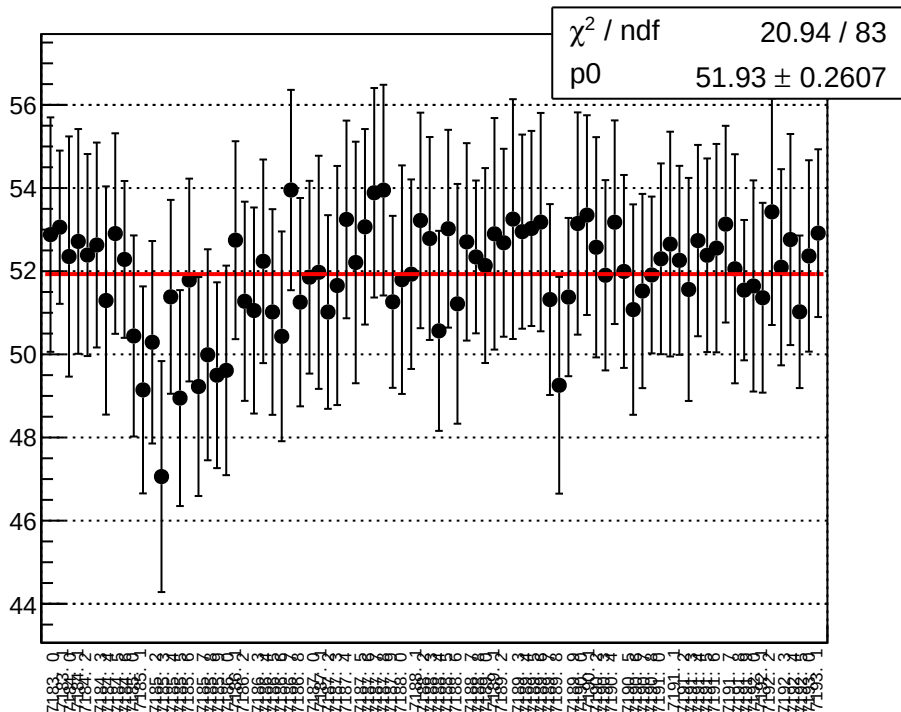
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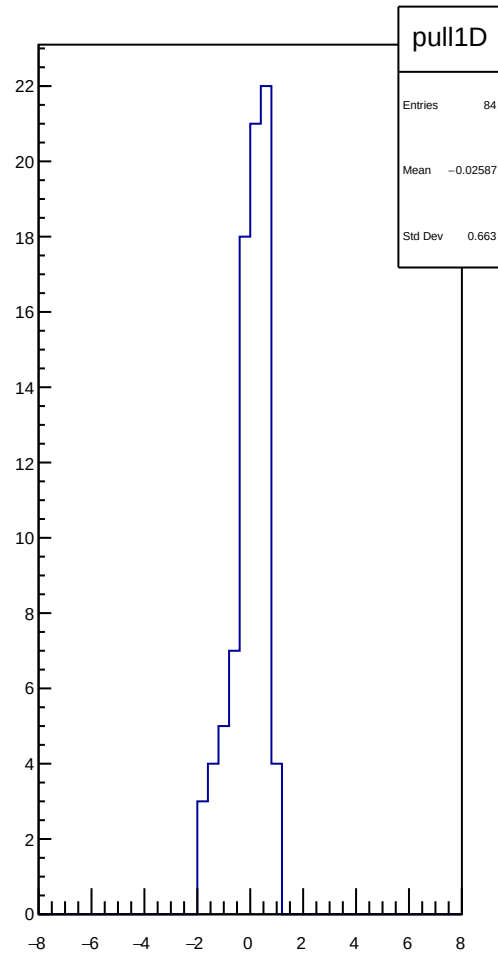
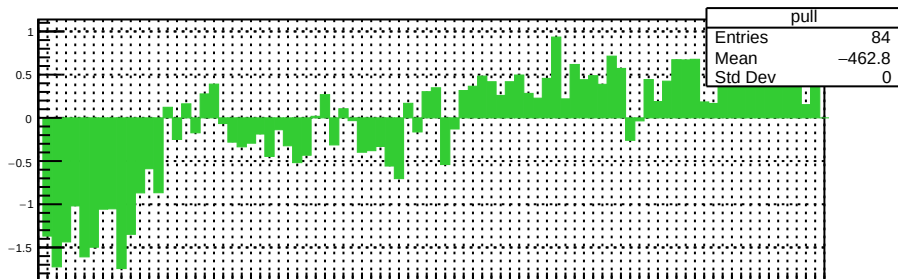
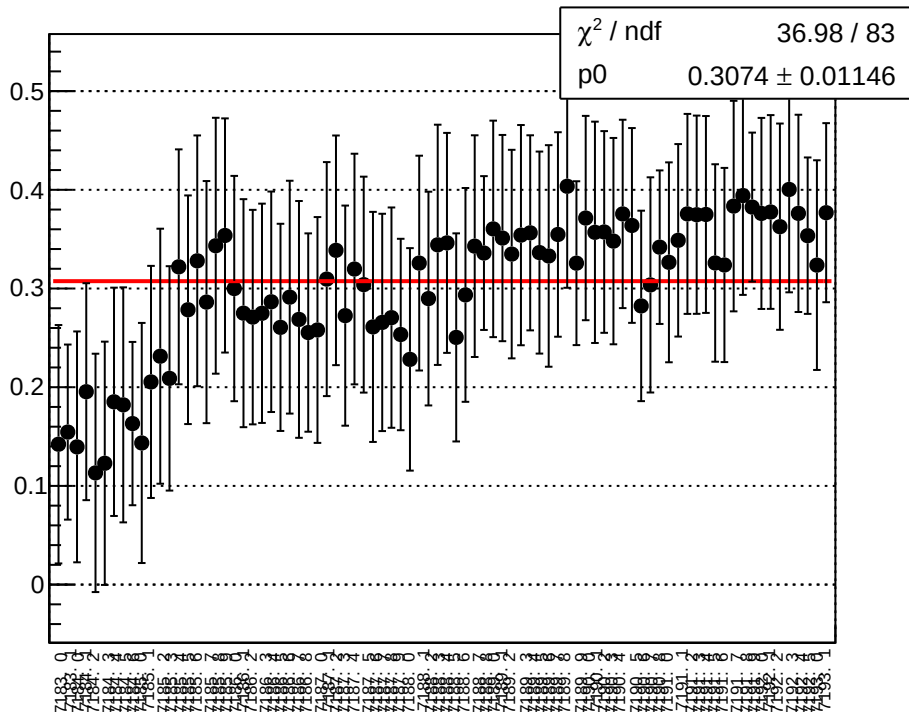
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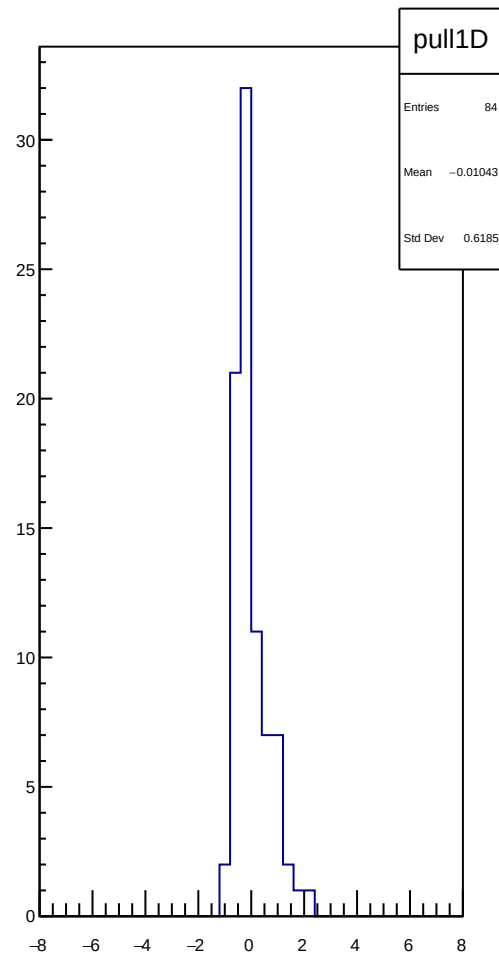
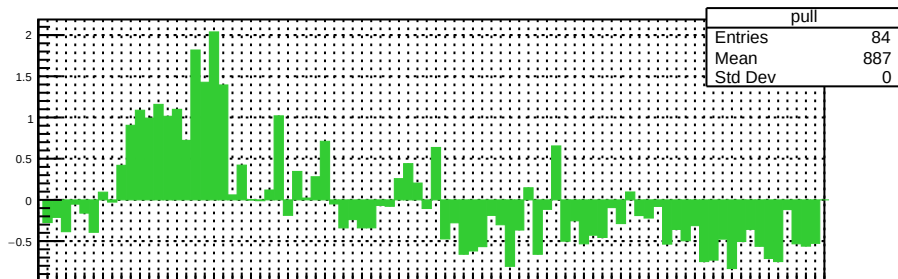
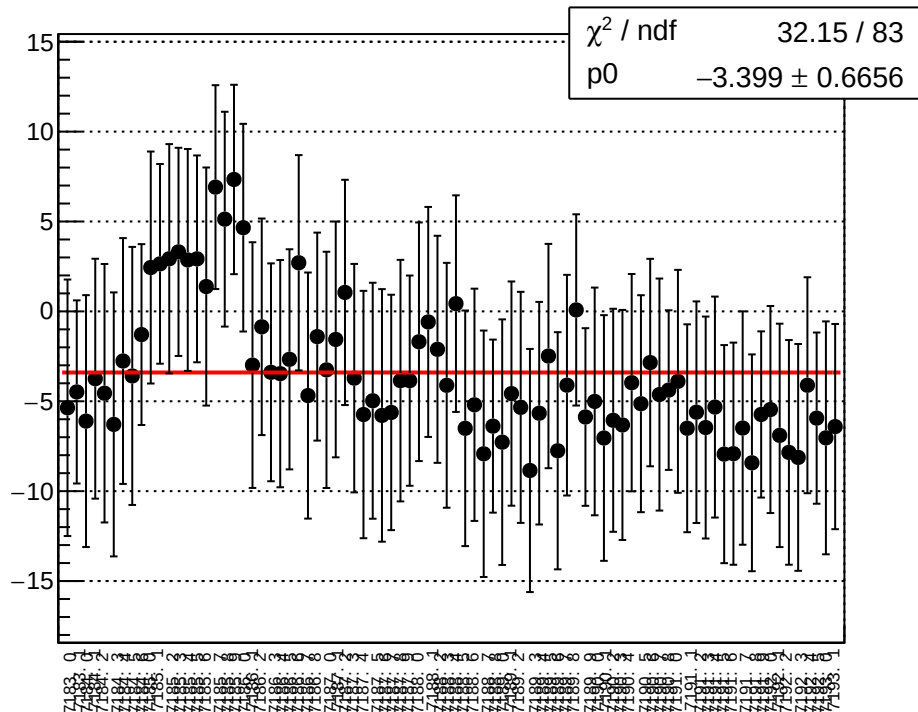
reg_asym_sam_15_avg_diff_bpm4eY_slope vs run



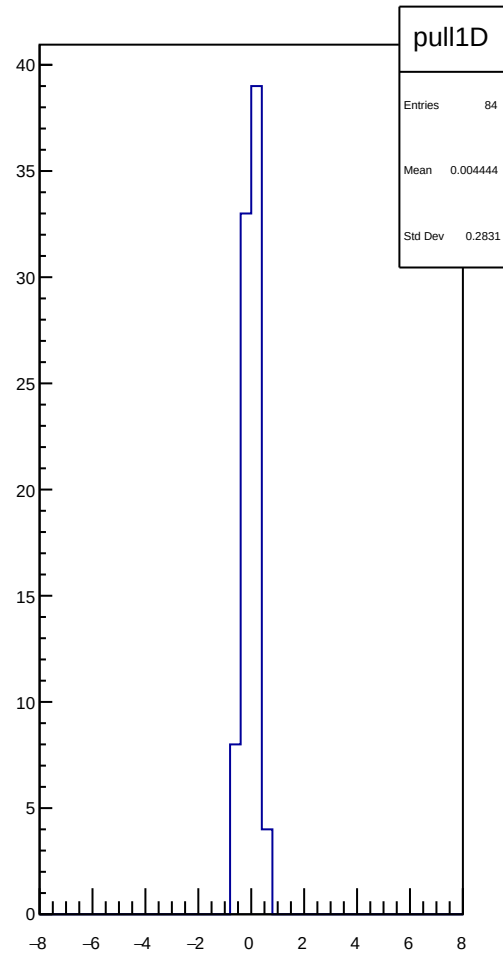
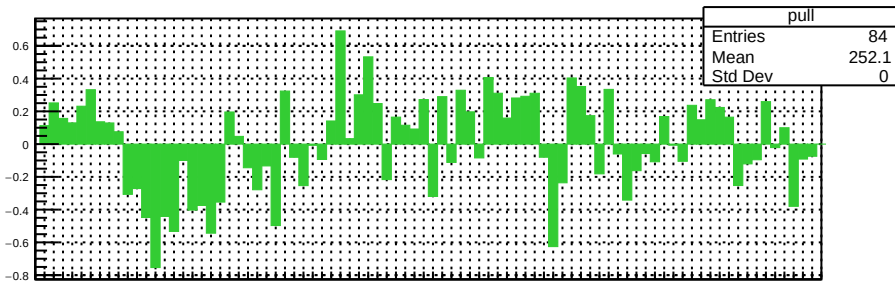
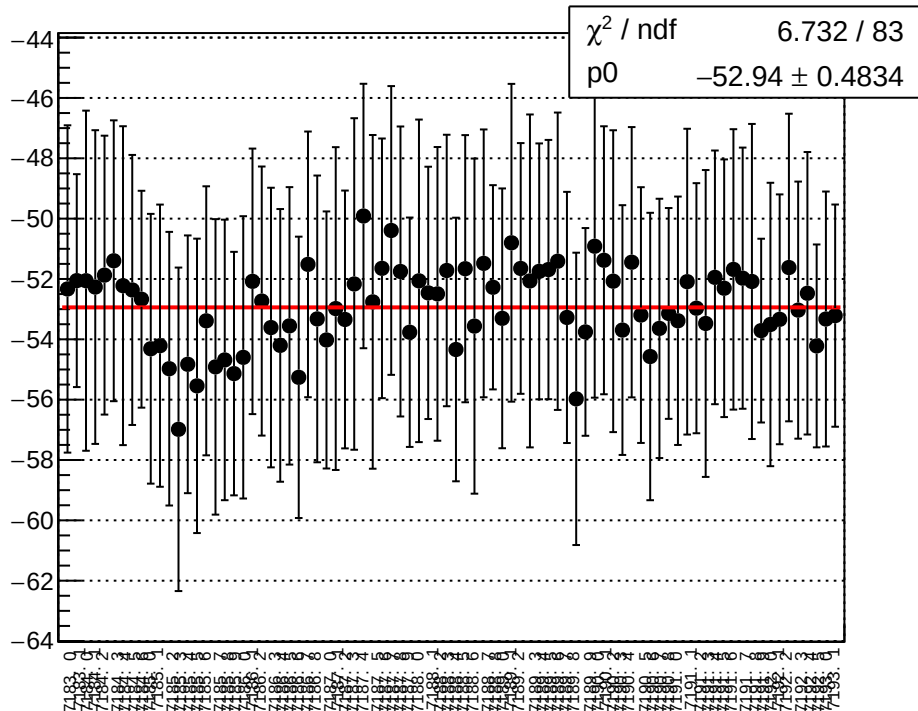
reg_asym_sam_15_avg_diff_bpm12X_slope vs run



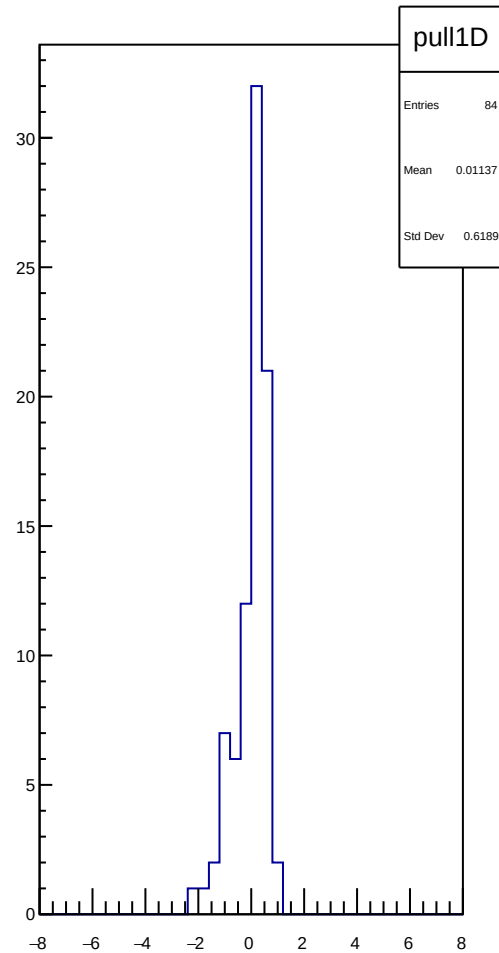
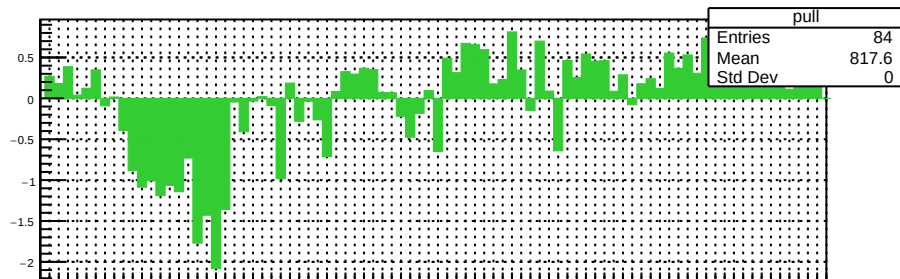
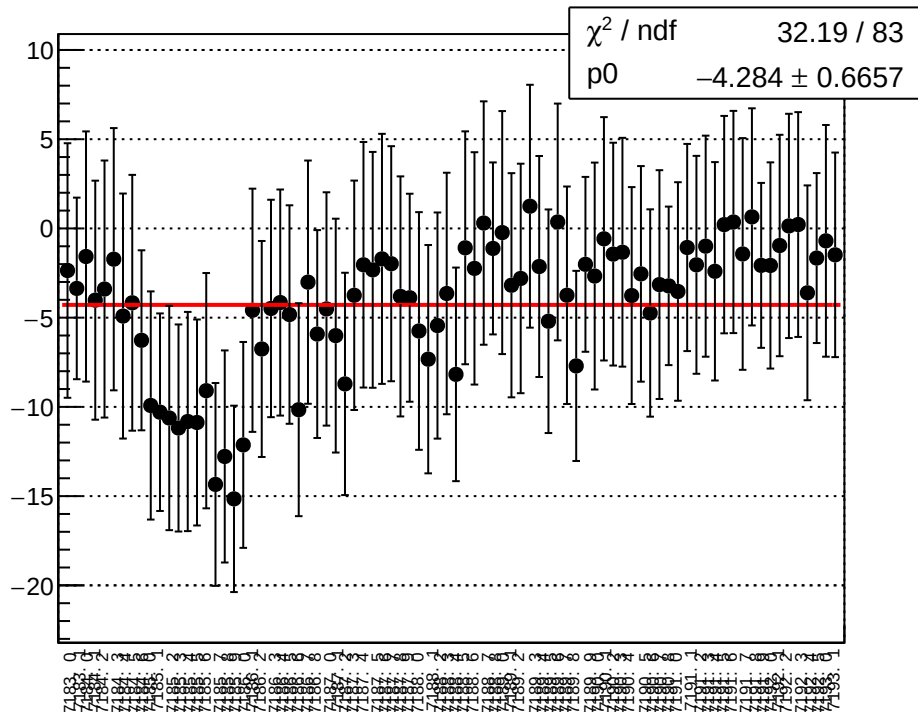
reg_asym_sam_15_dd_diff_bpm1X_slope vs run



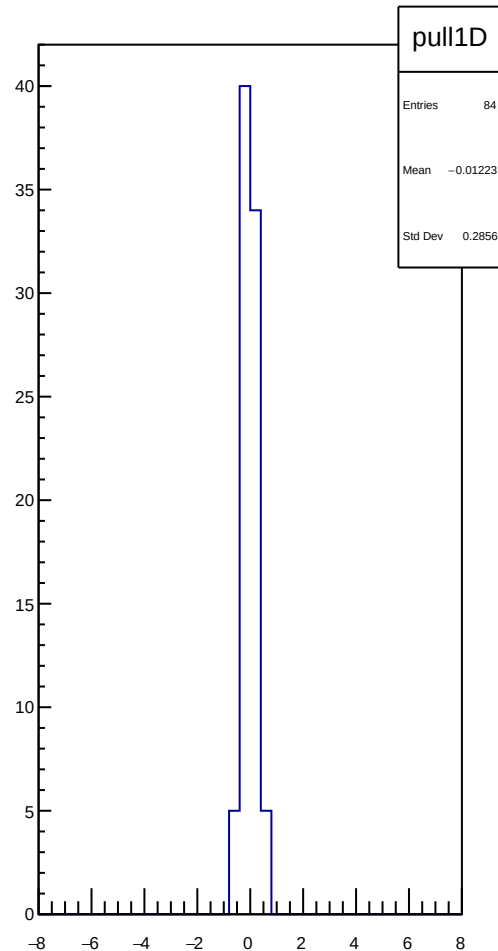
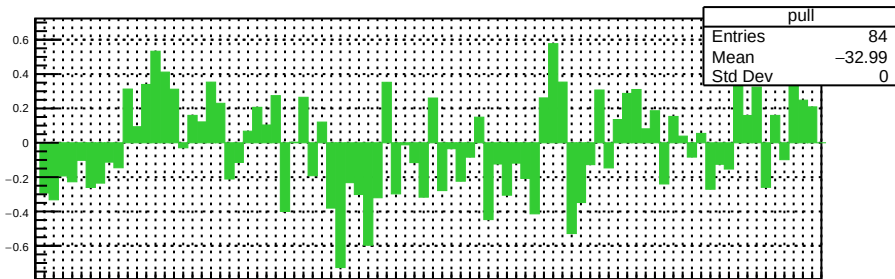
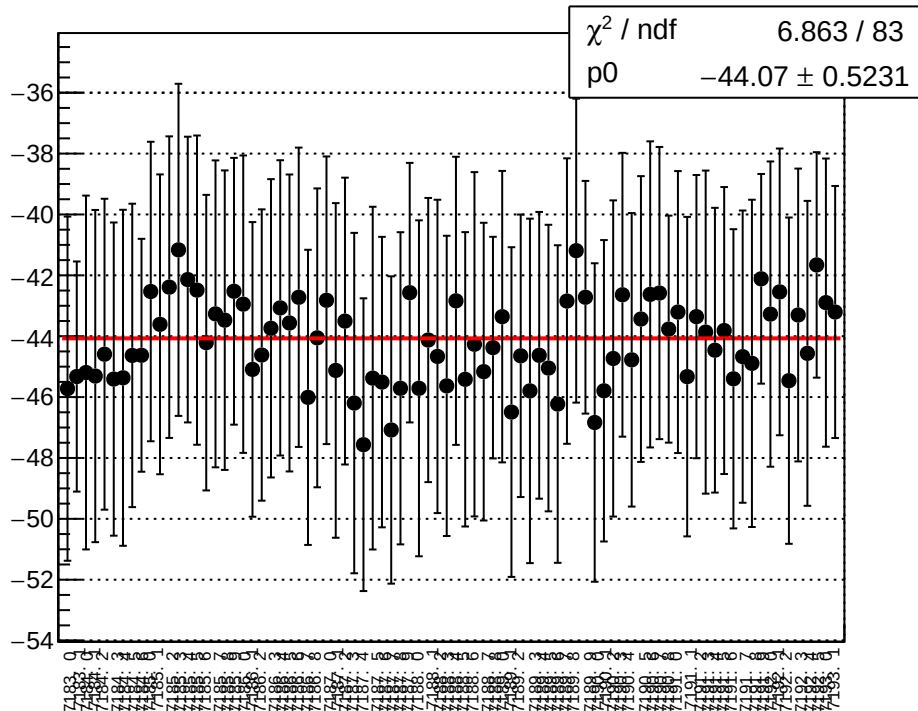
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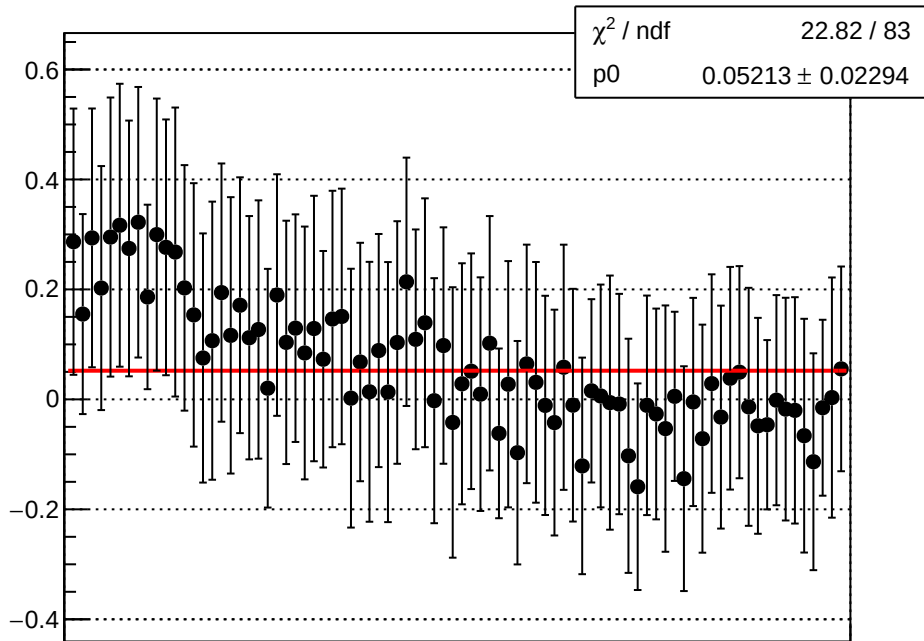
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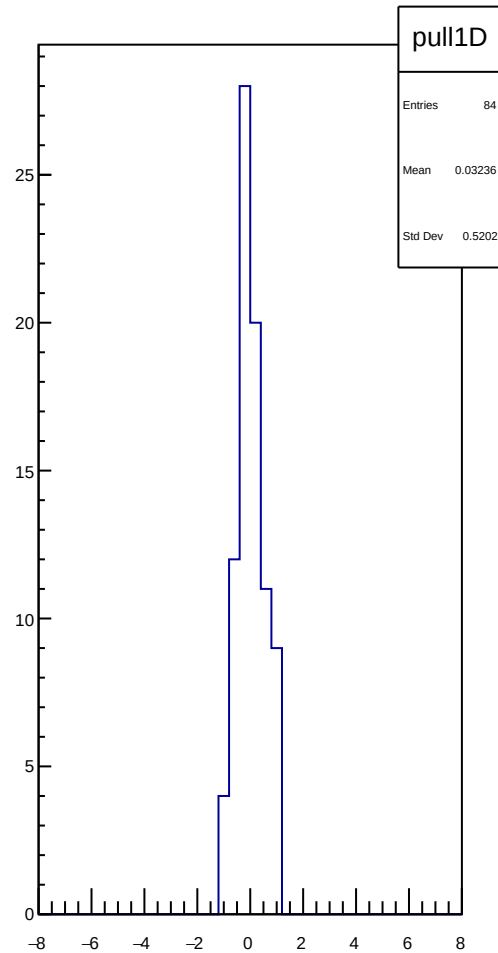
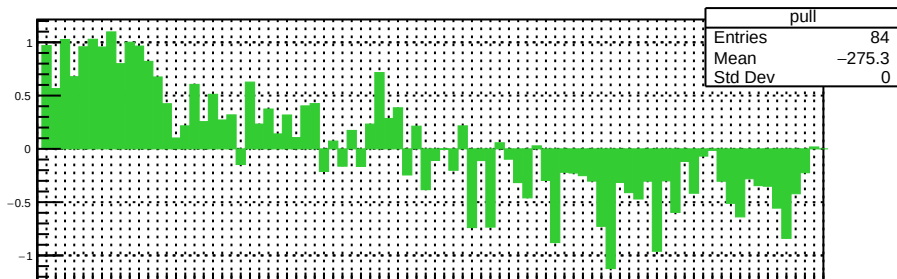
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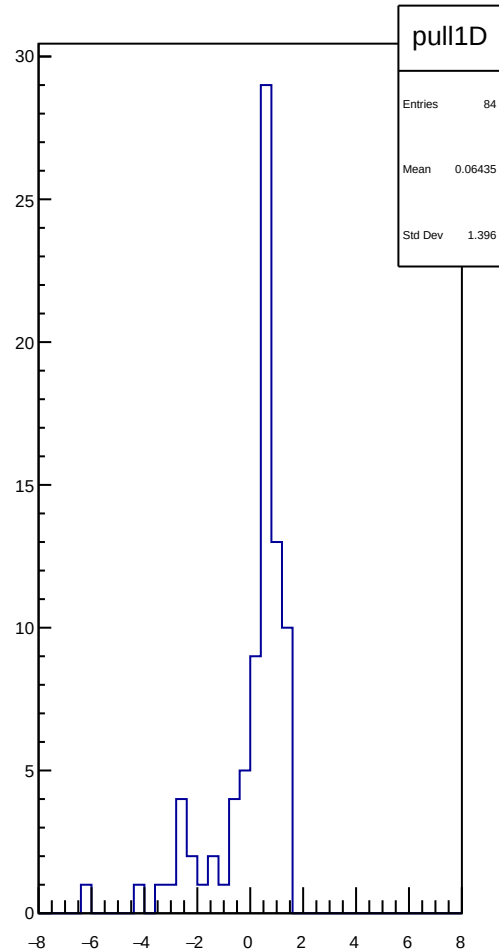
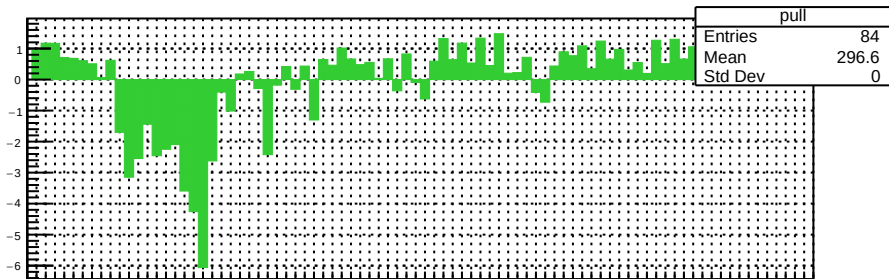
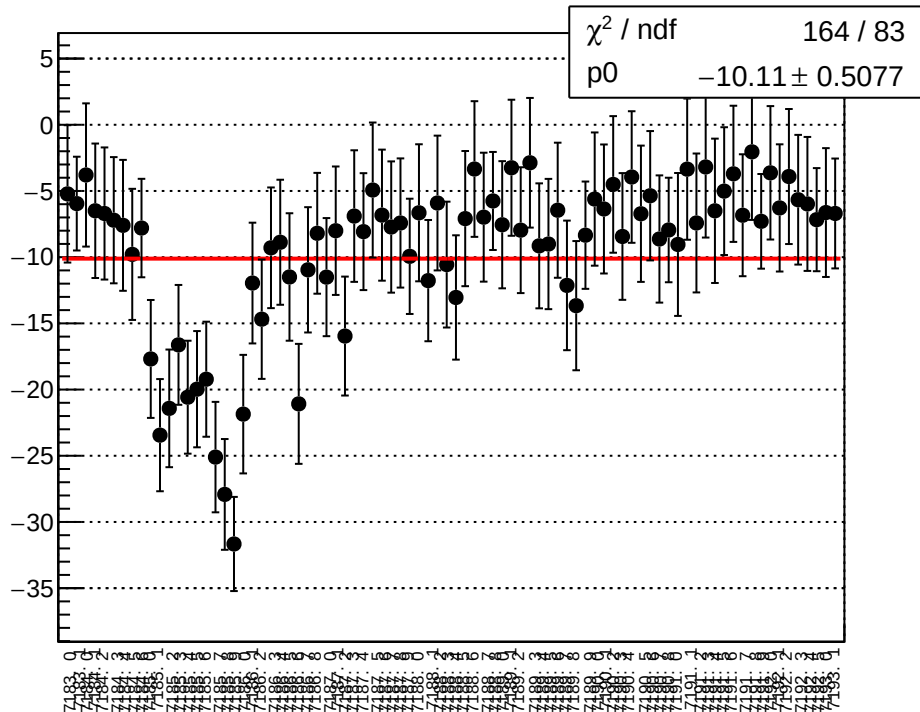
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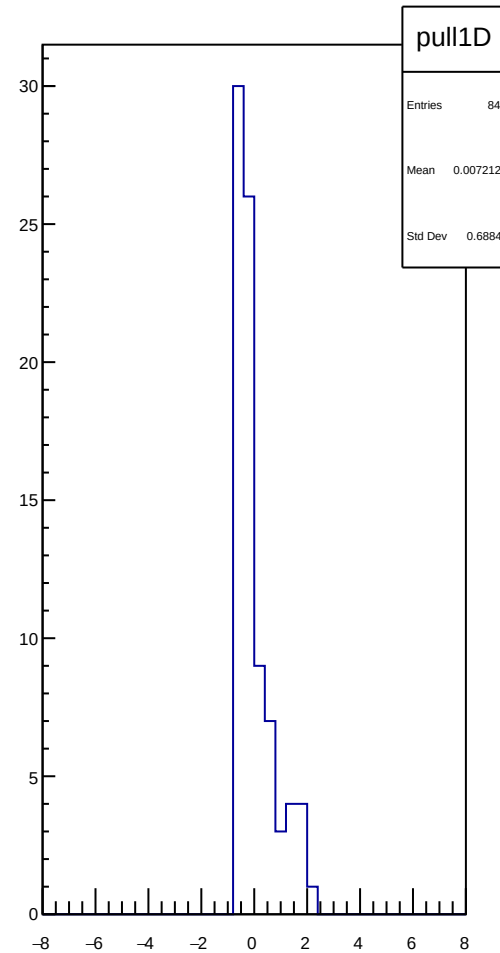
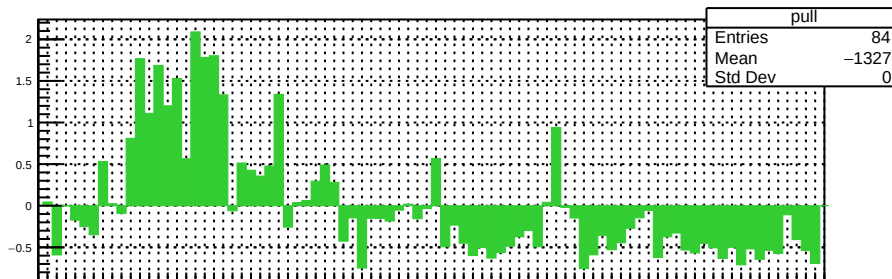
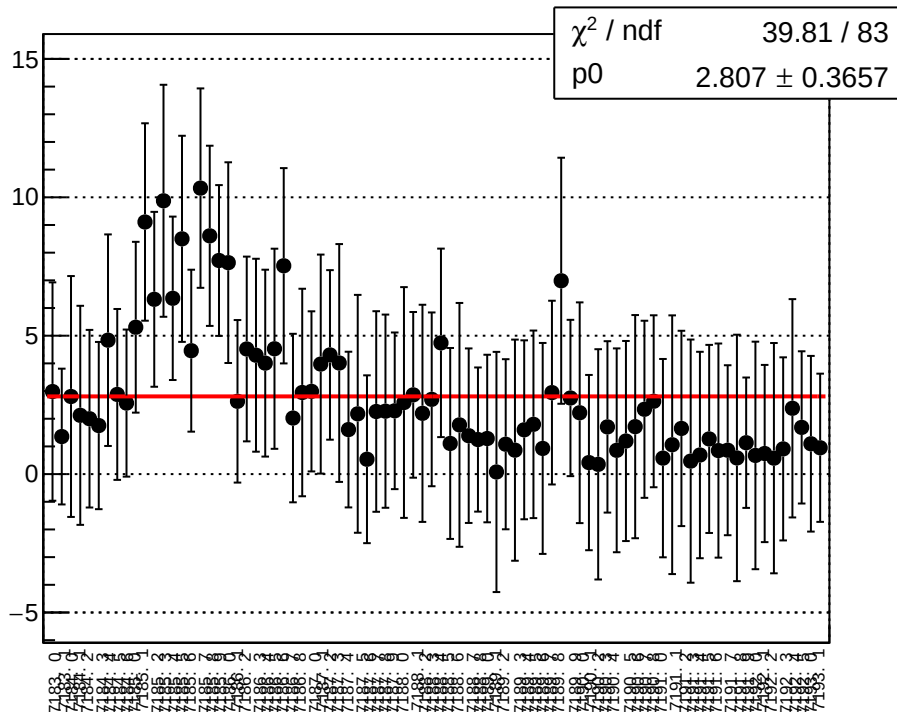
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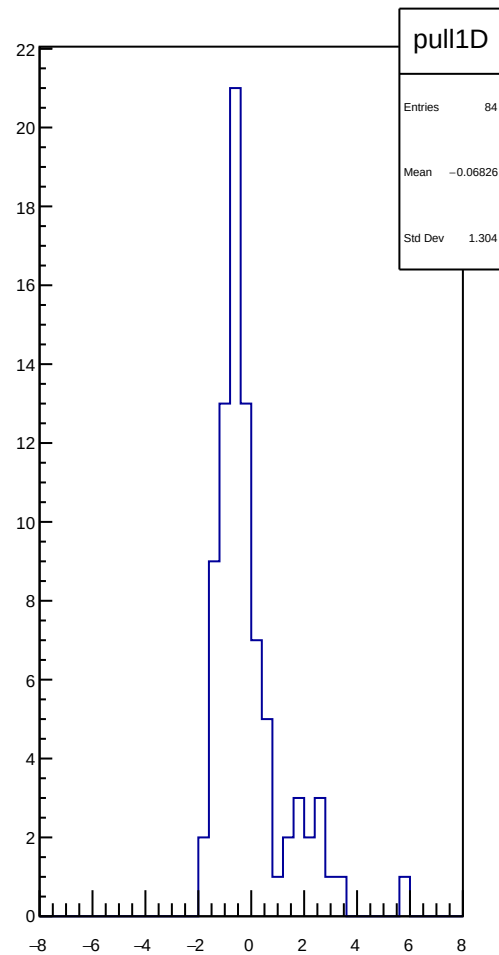
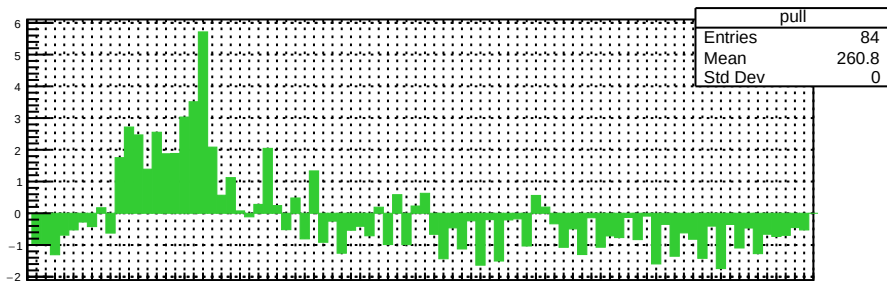
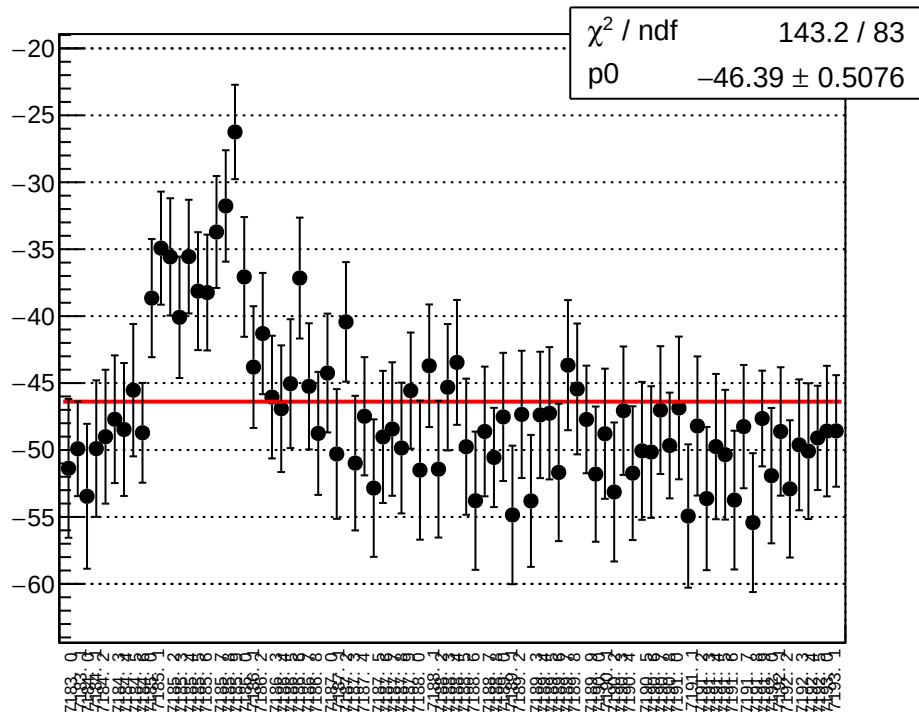
reg_asym_sam_37_avg_diff_bpm1X_slope vs run



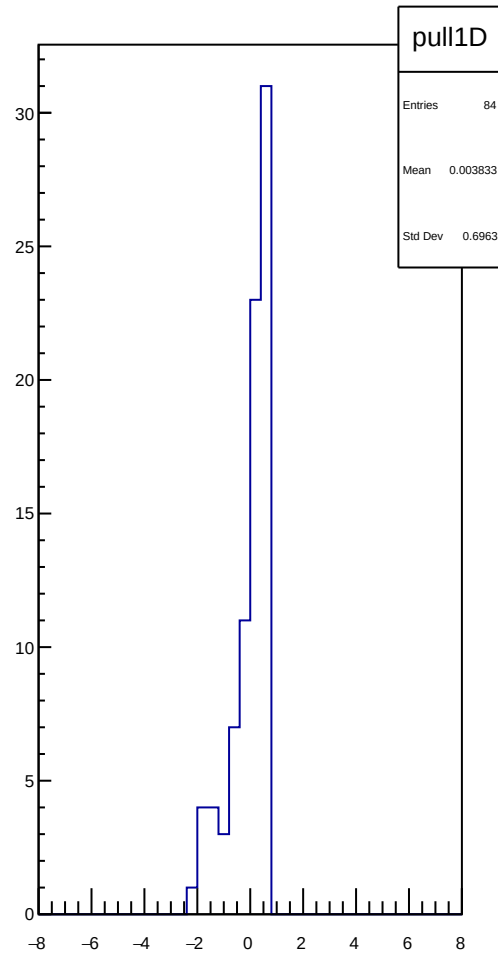
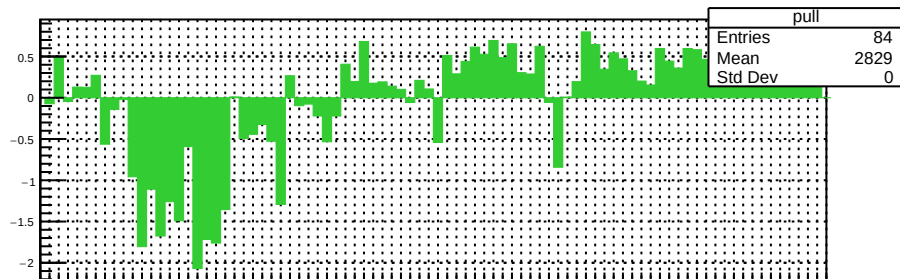
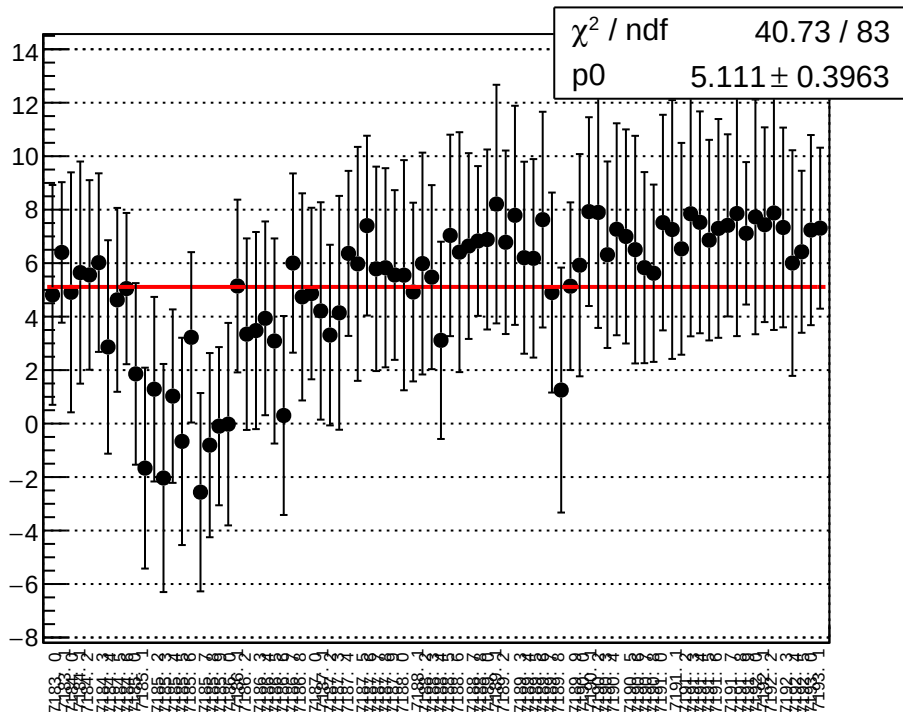
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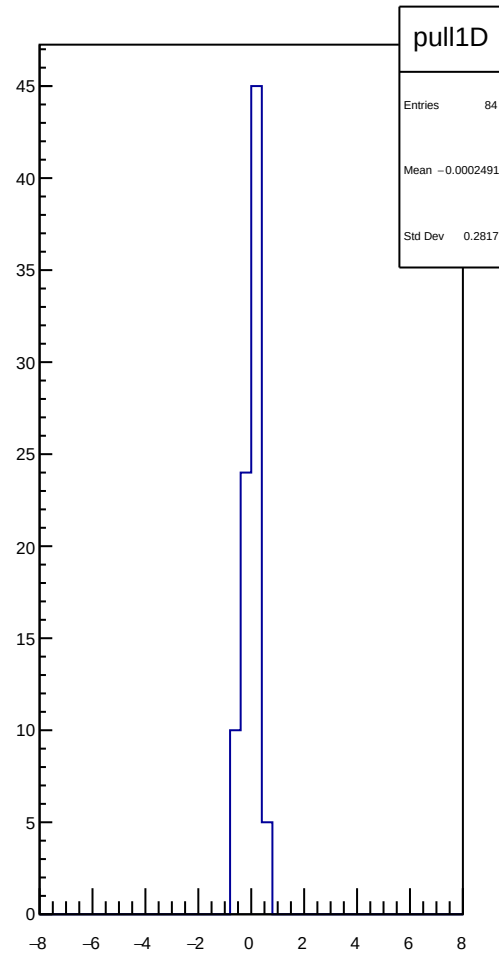
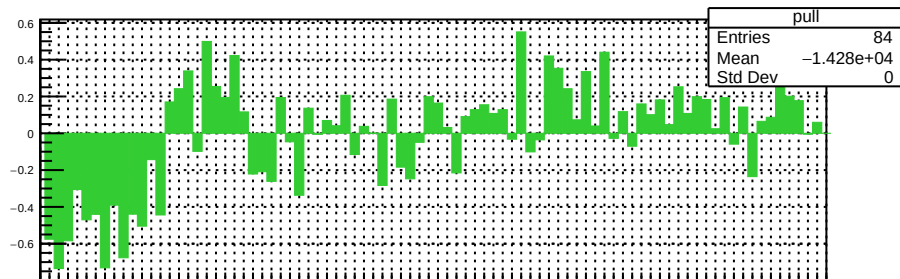
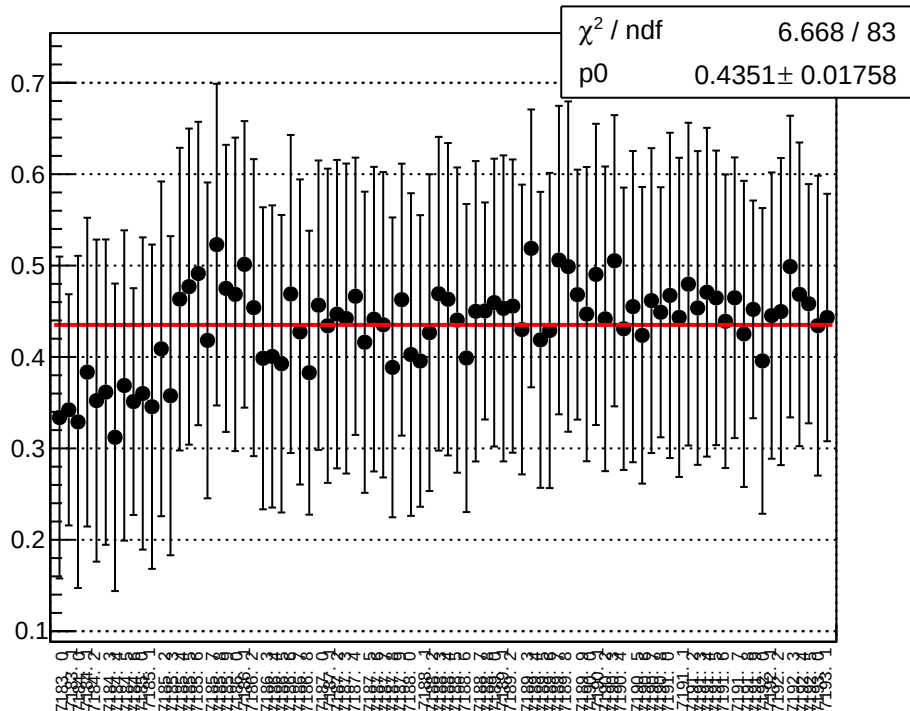
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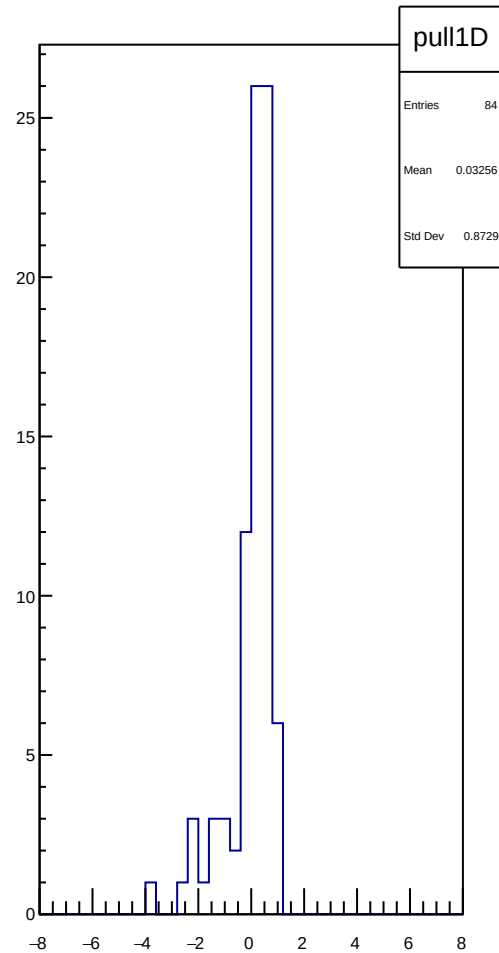
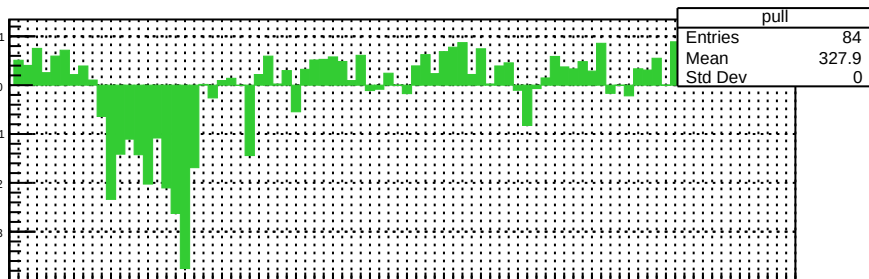
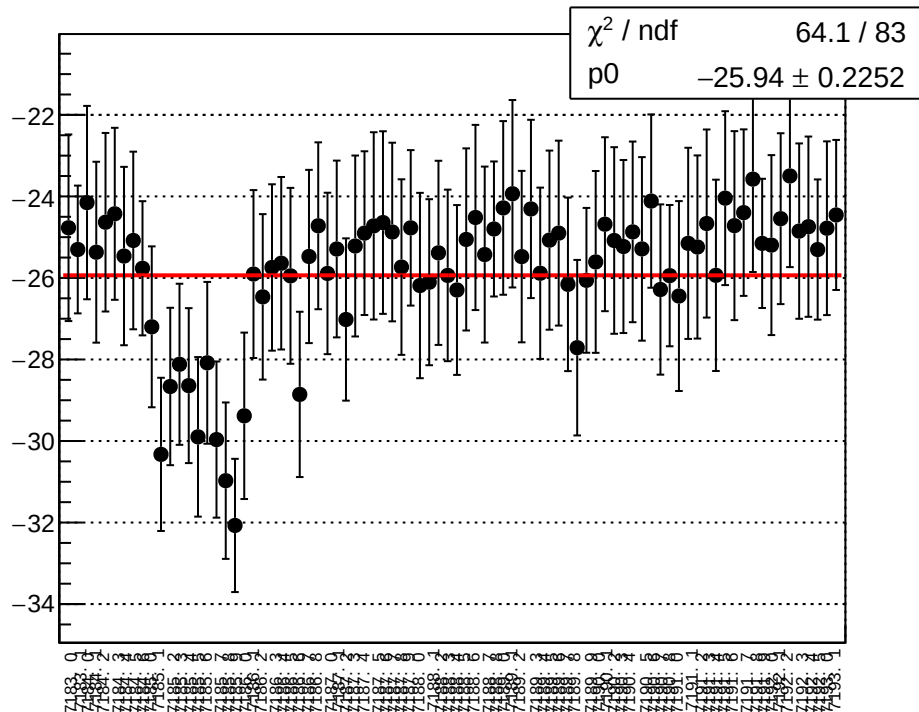
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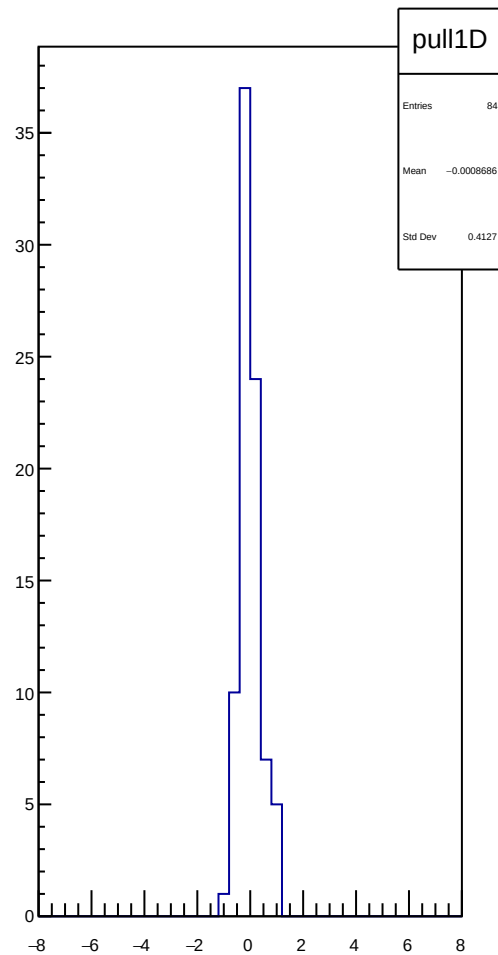
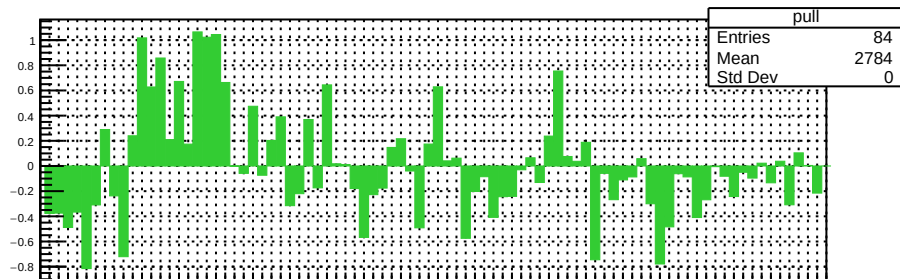
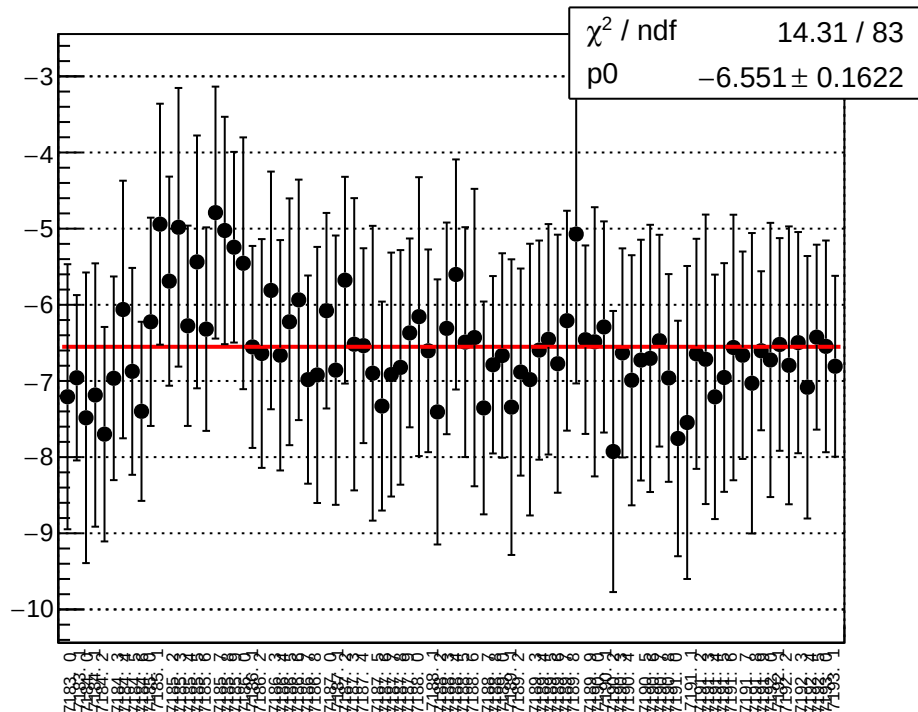
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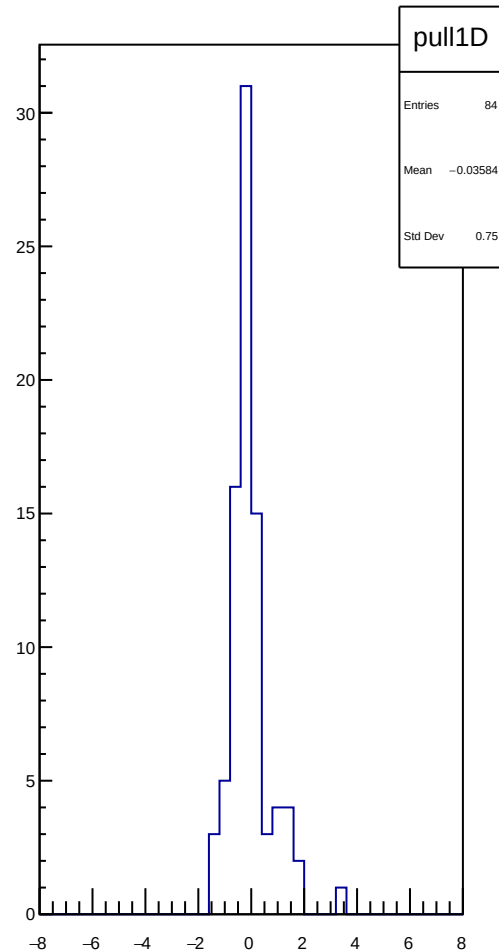
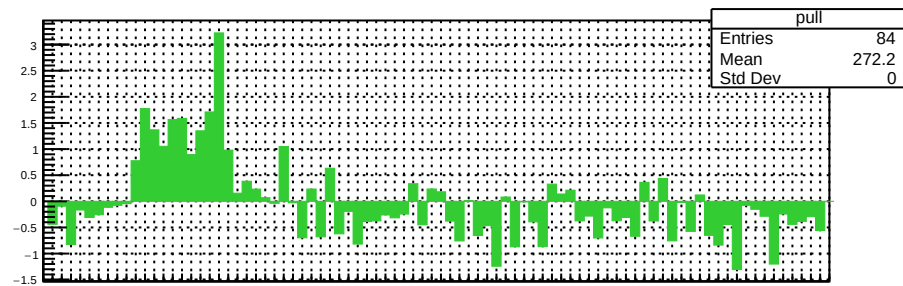
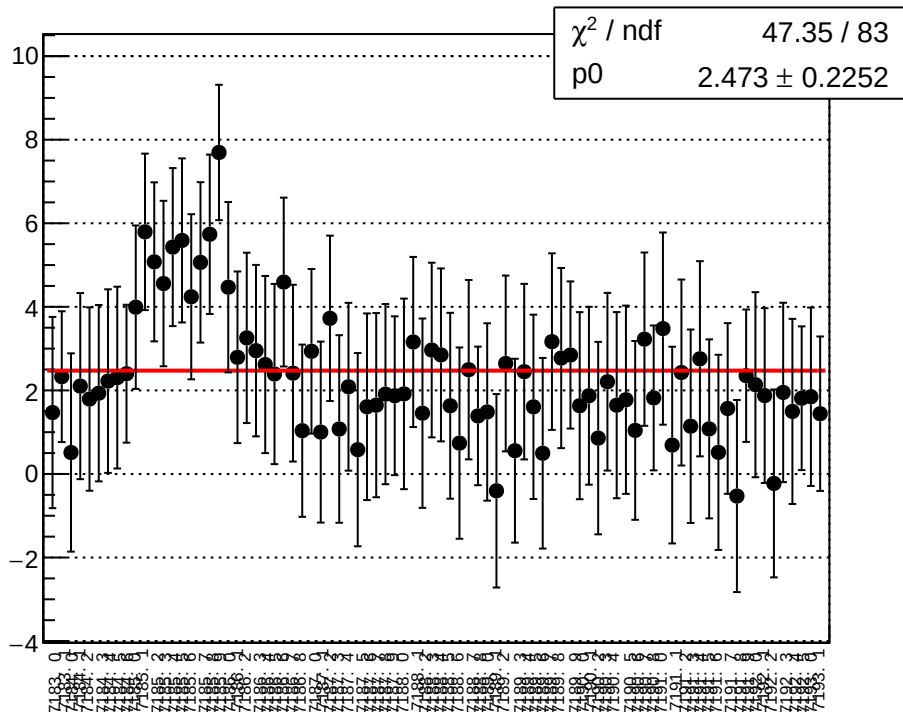
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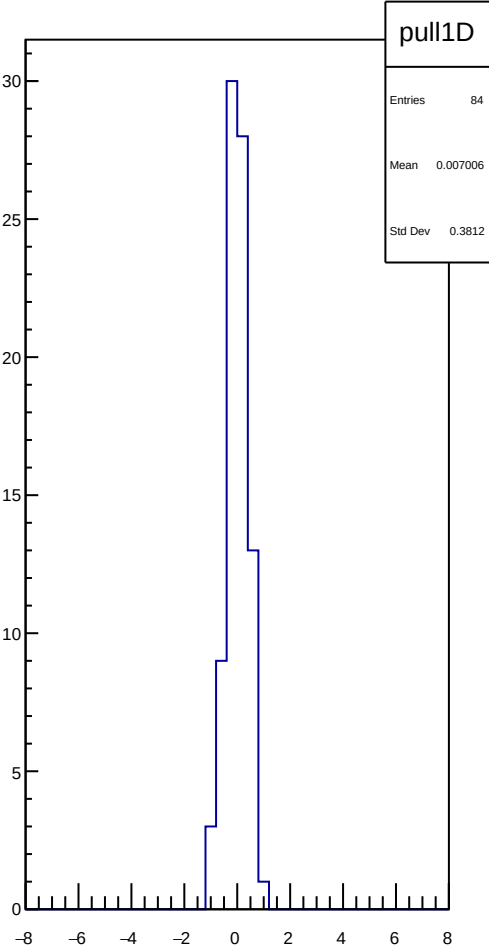
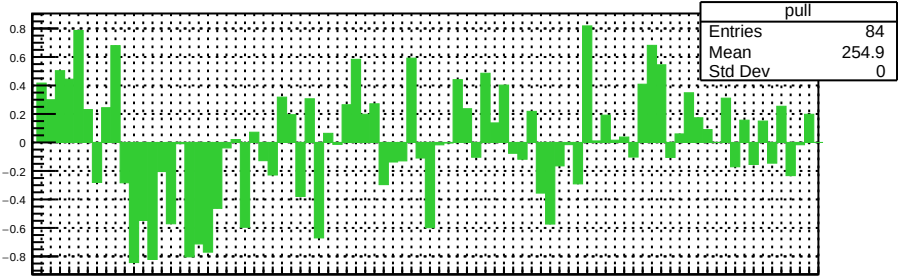
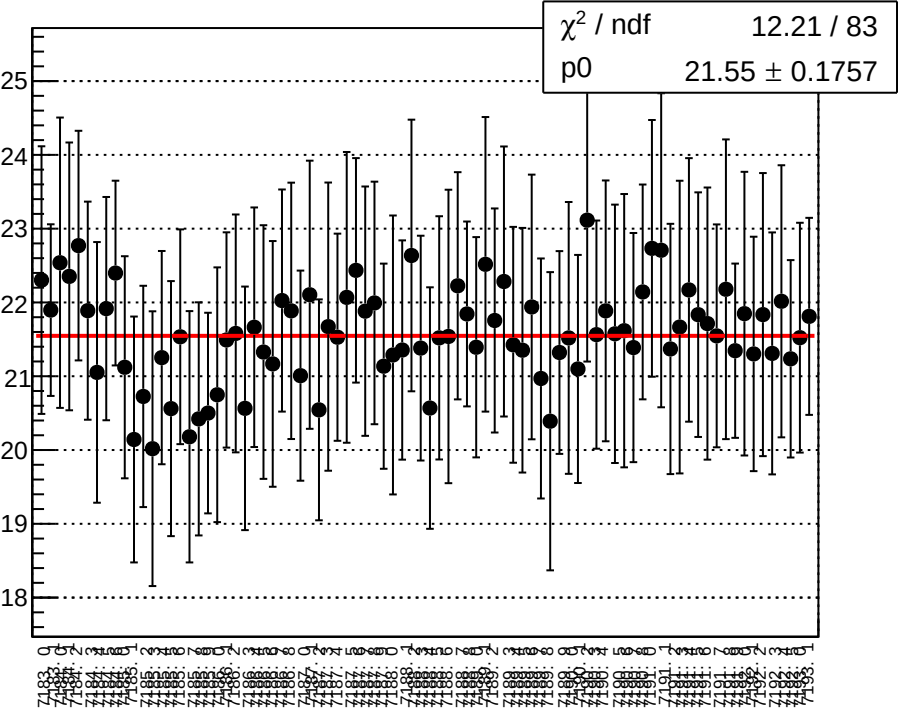
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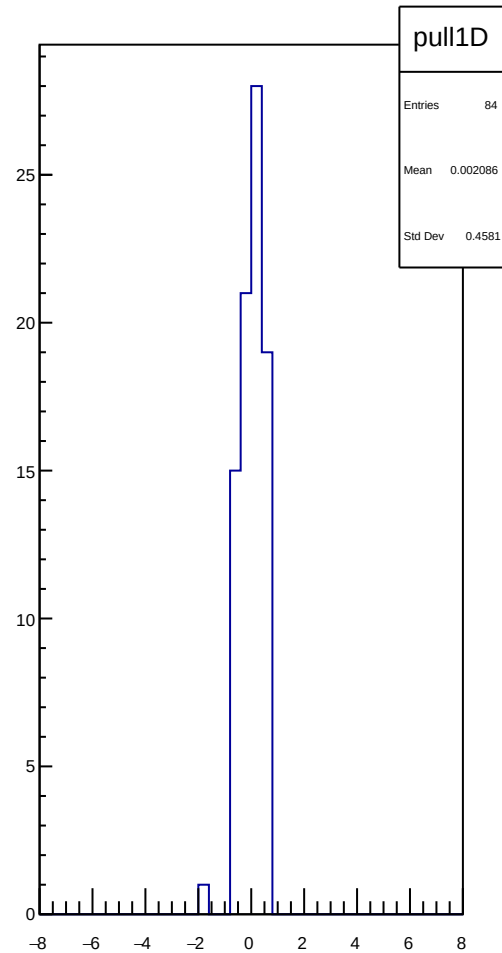
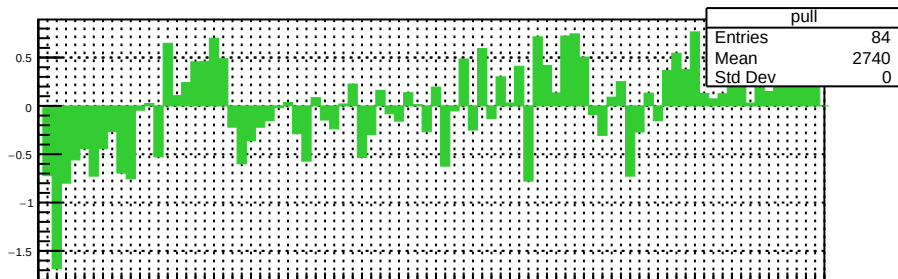
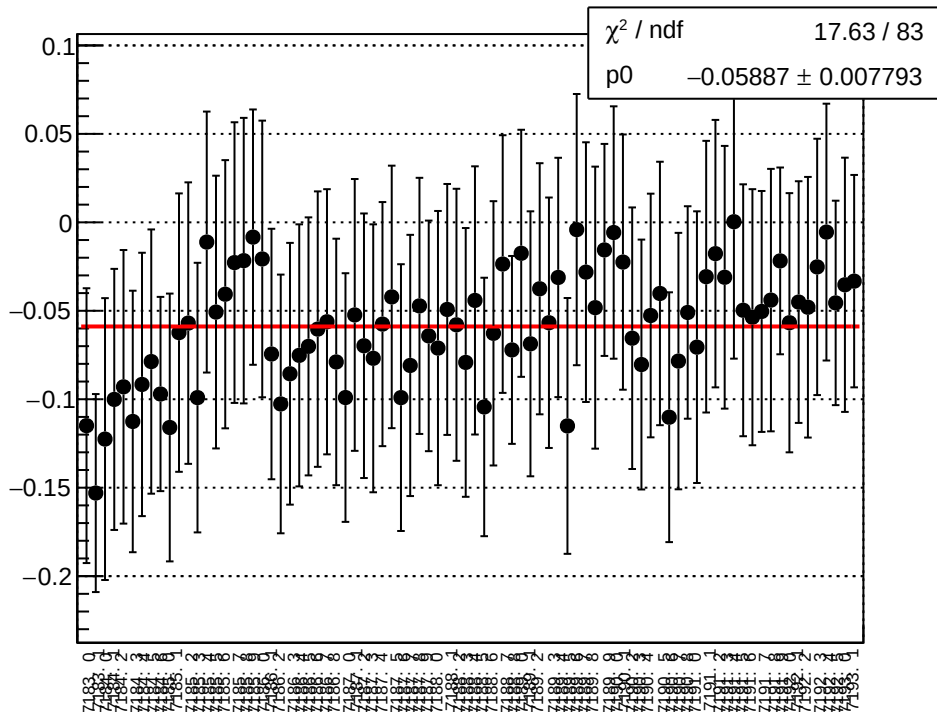
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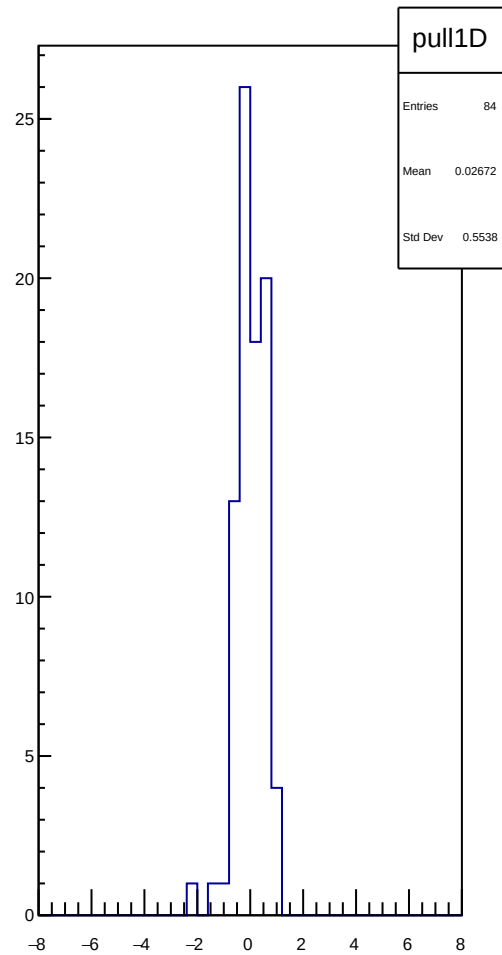
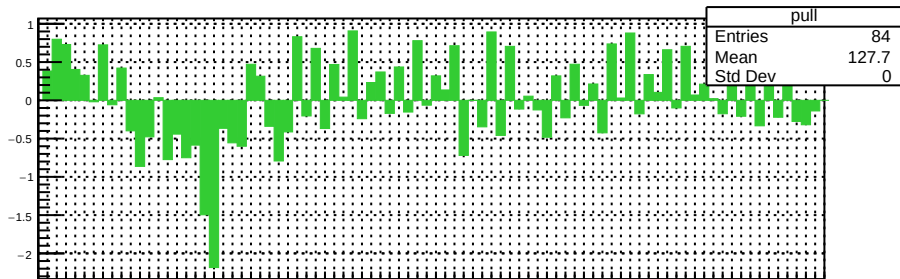
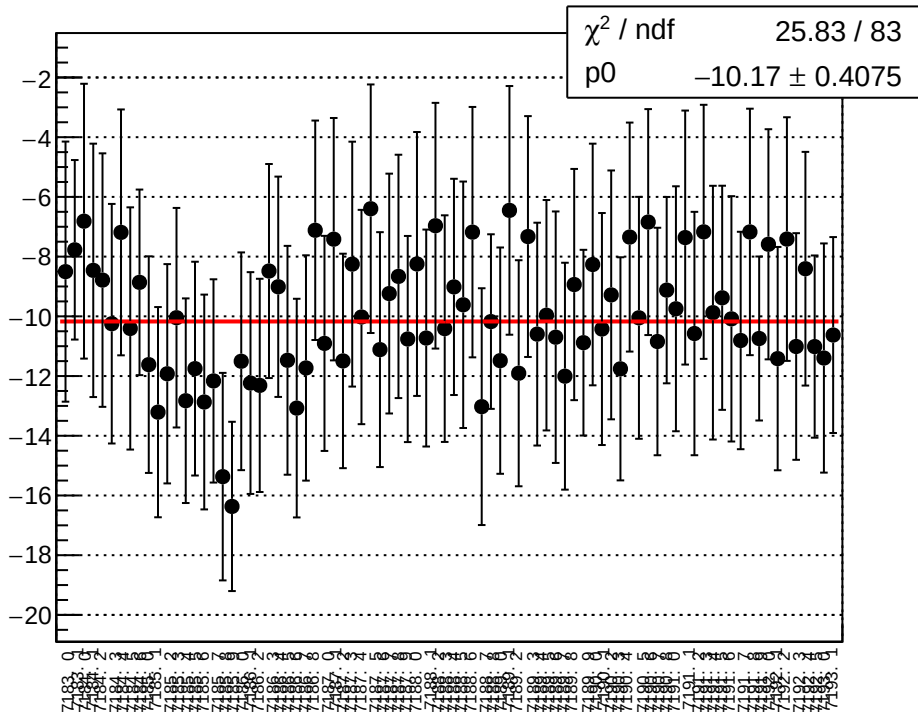
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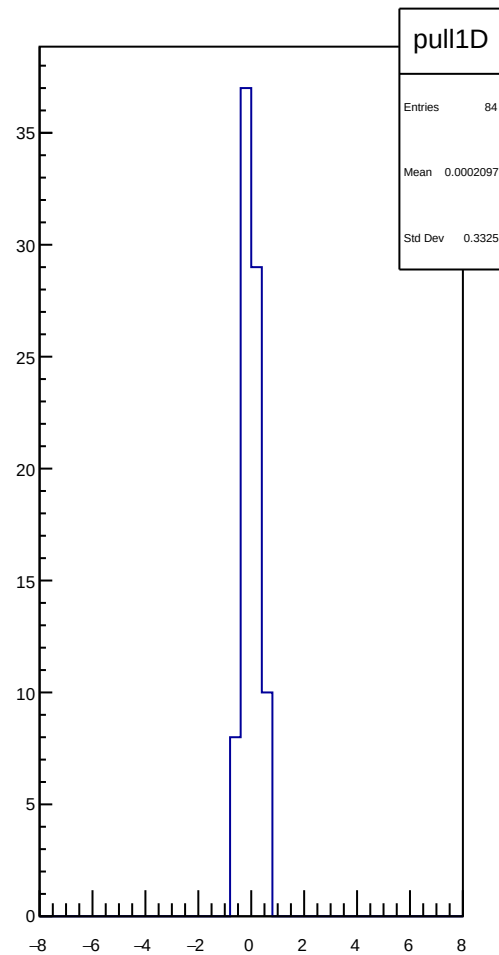
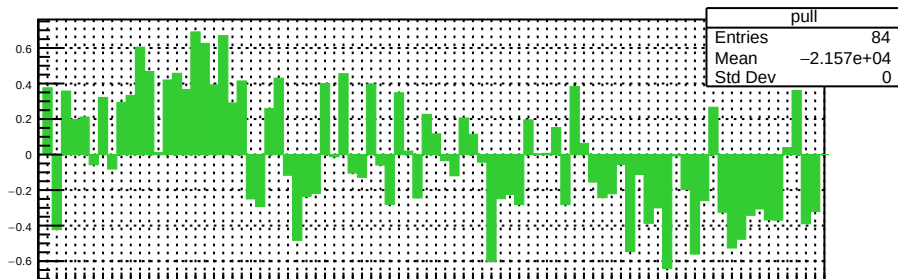
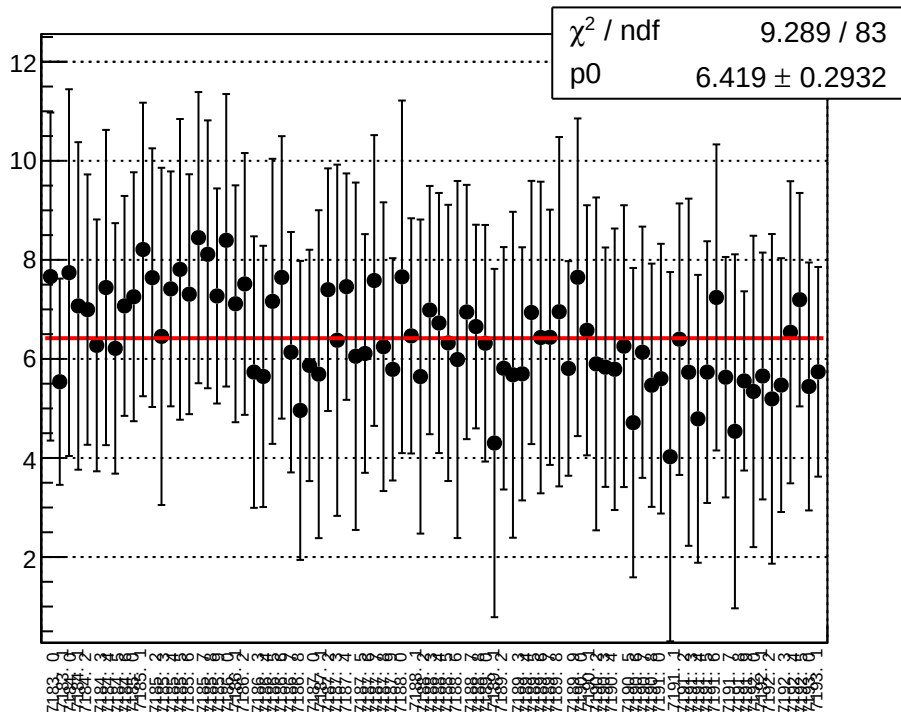
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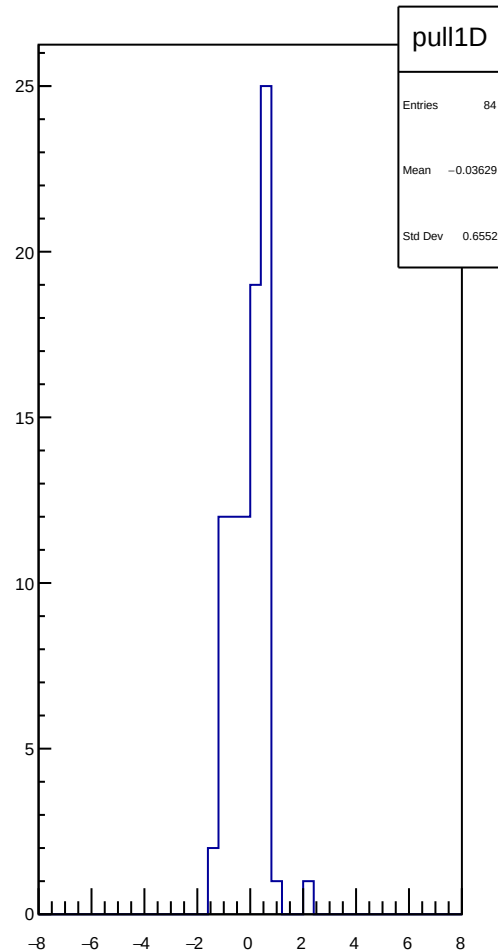
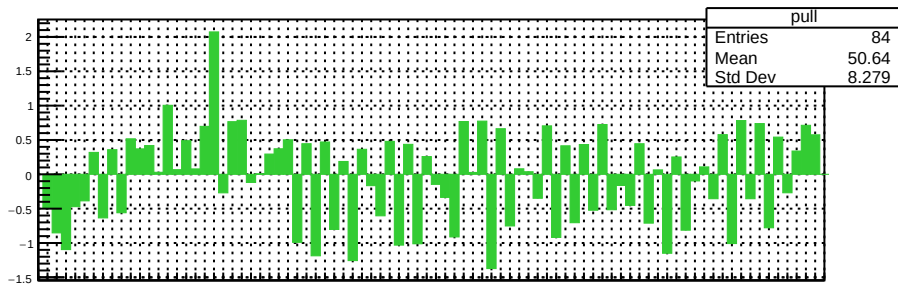
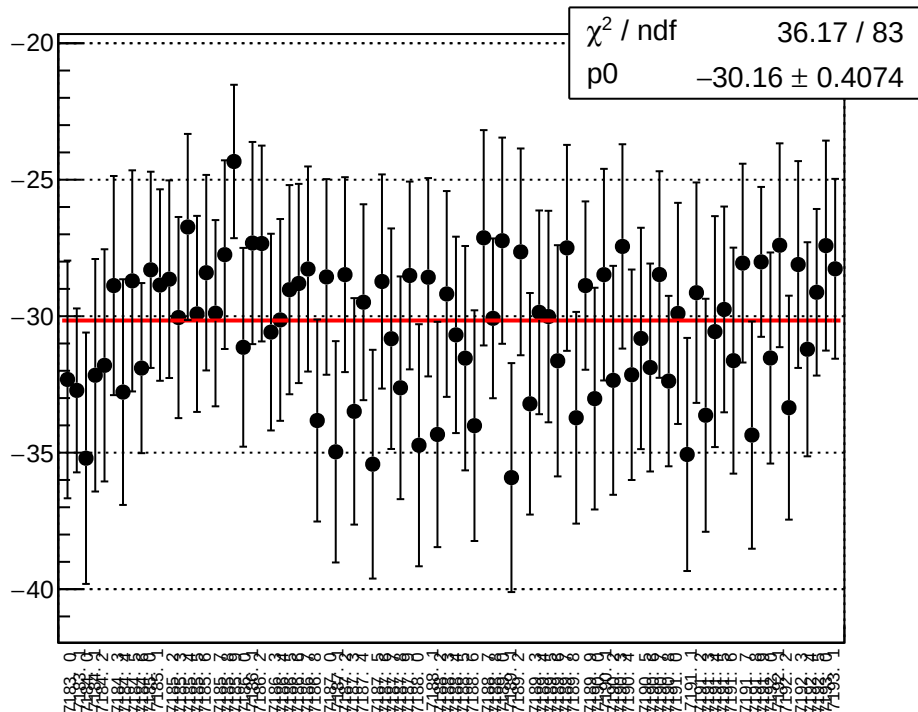
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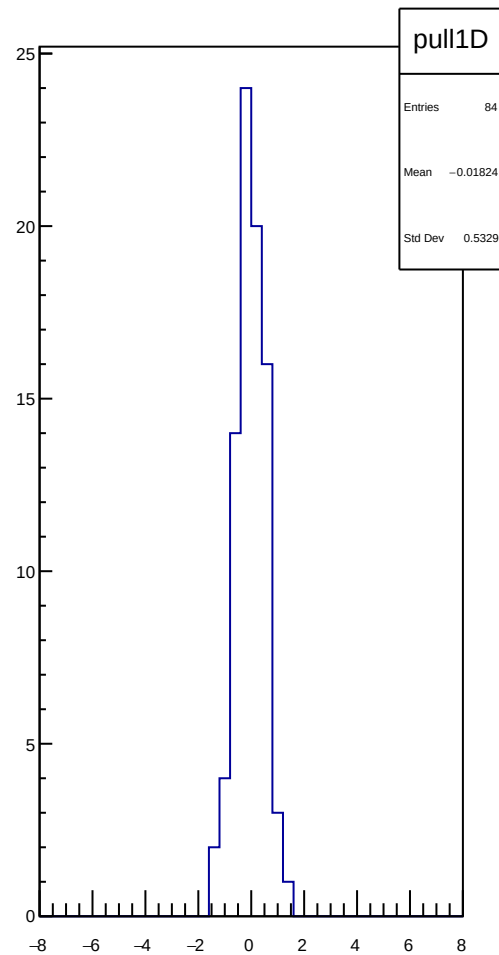
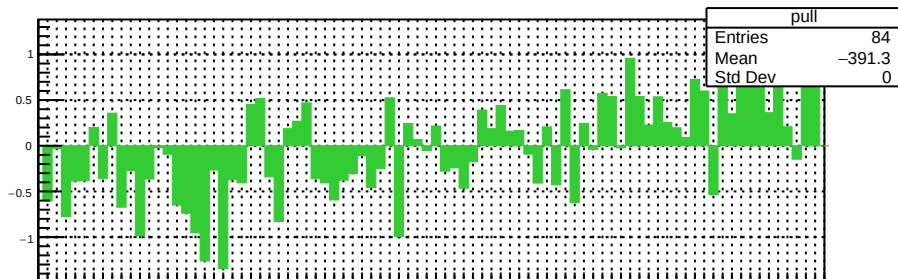
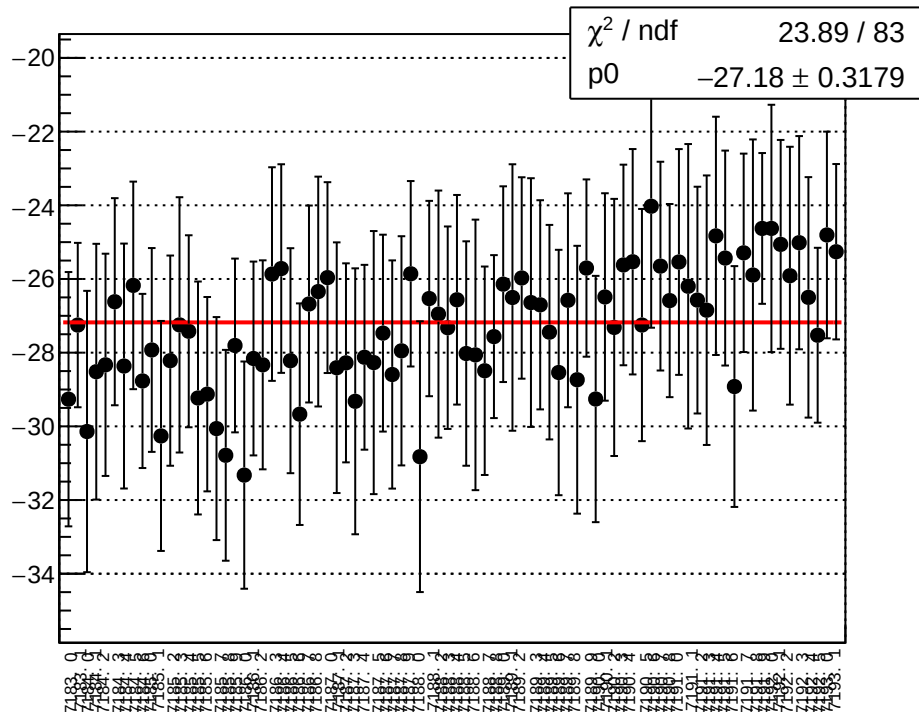
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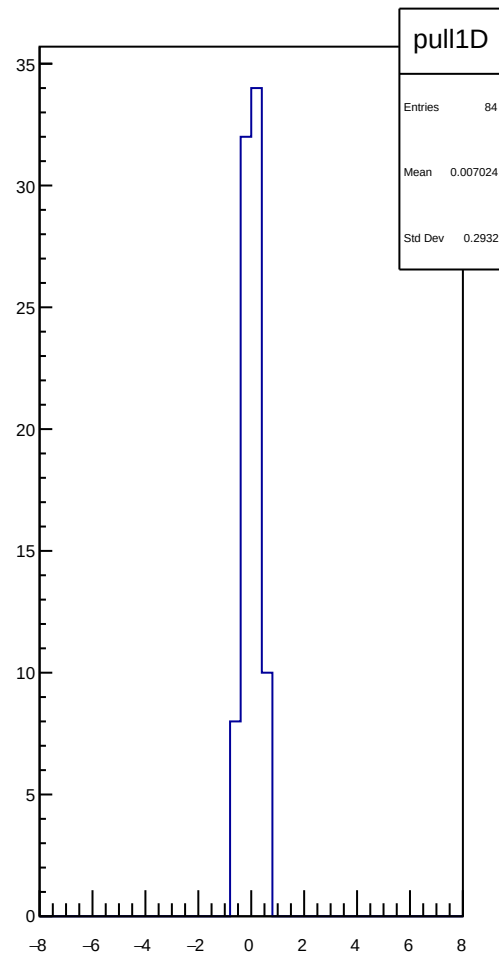
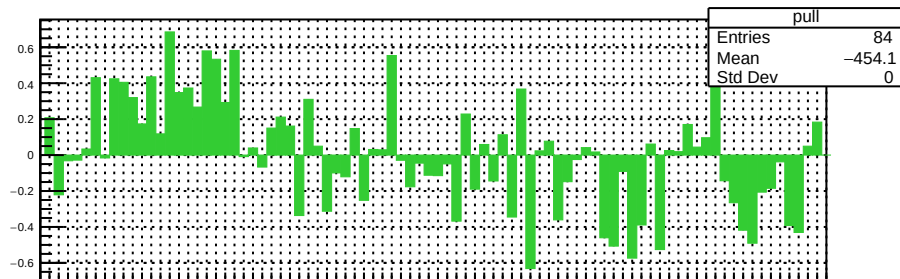
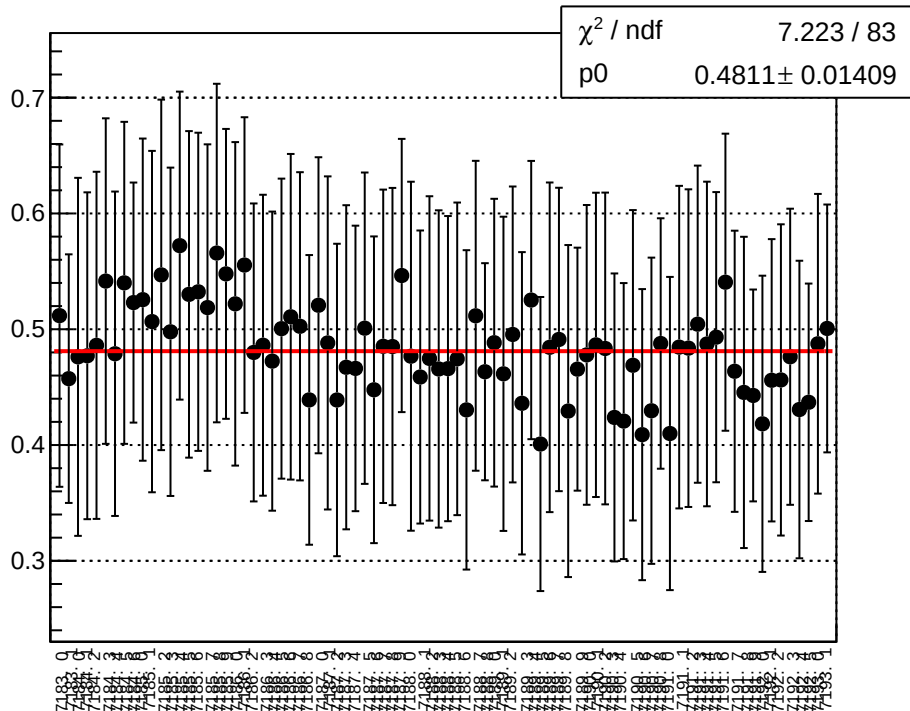
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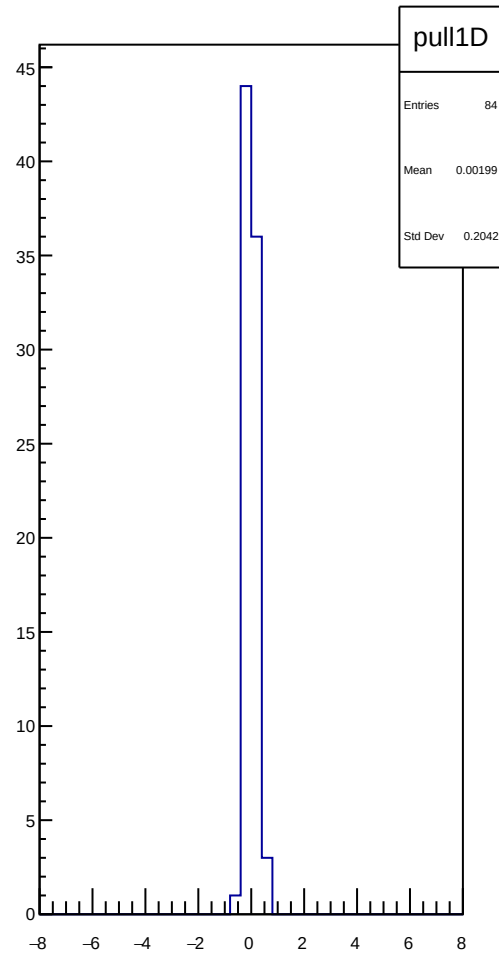
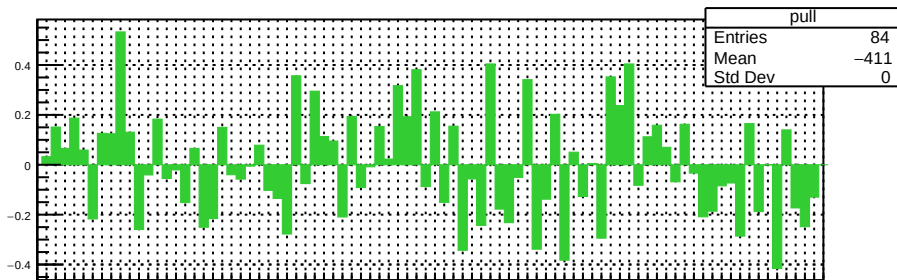
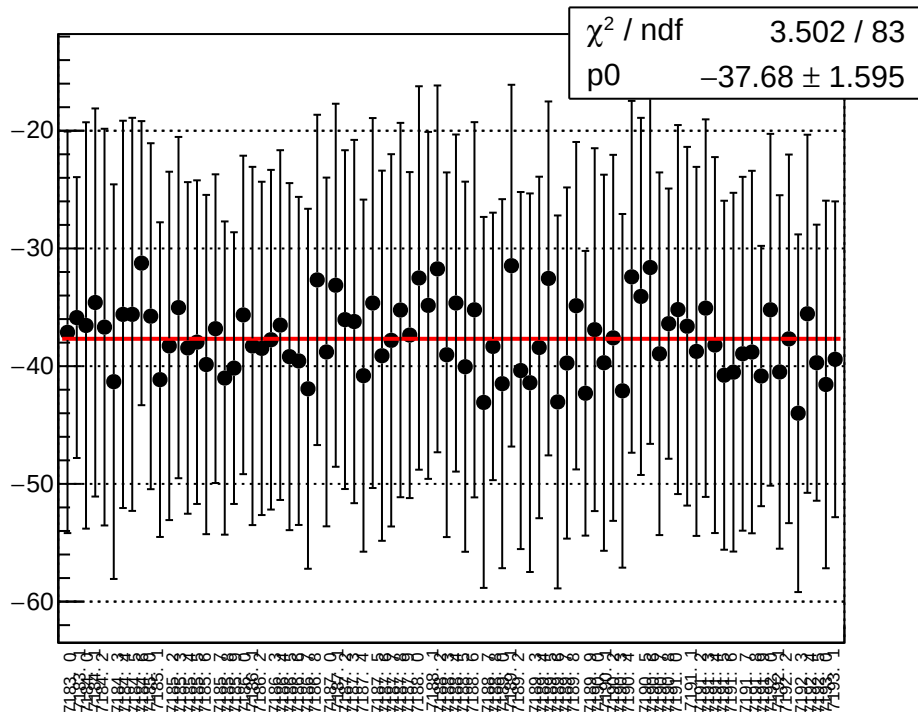
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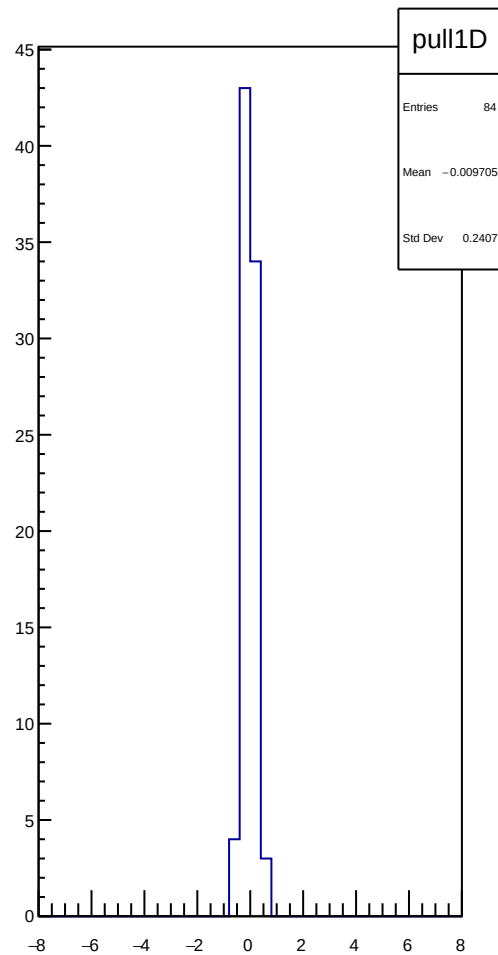
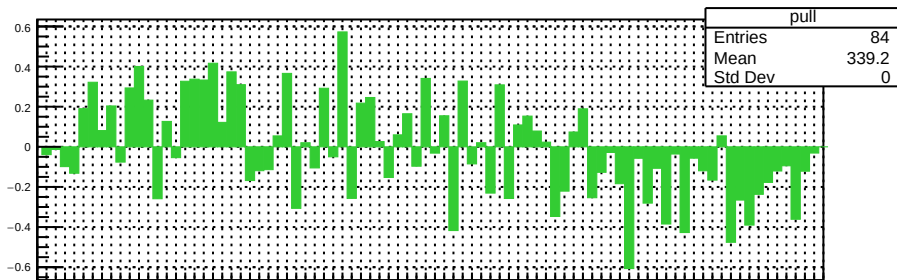
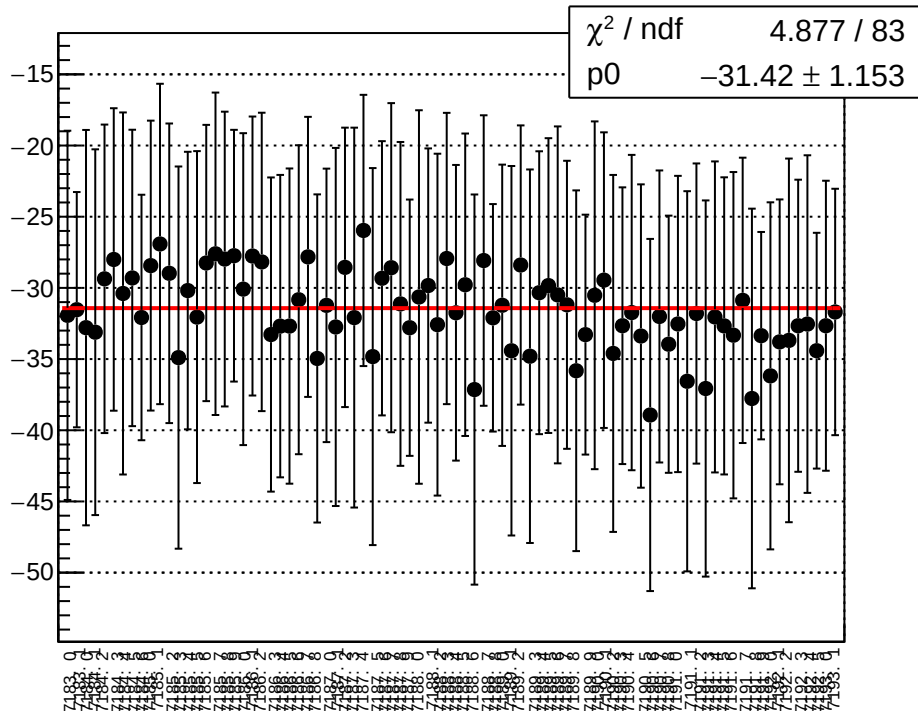
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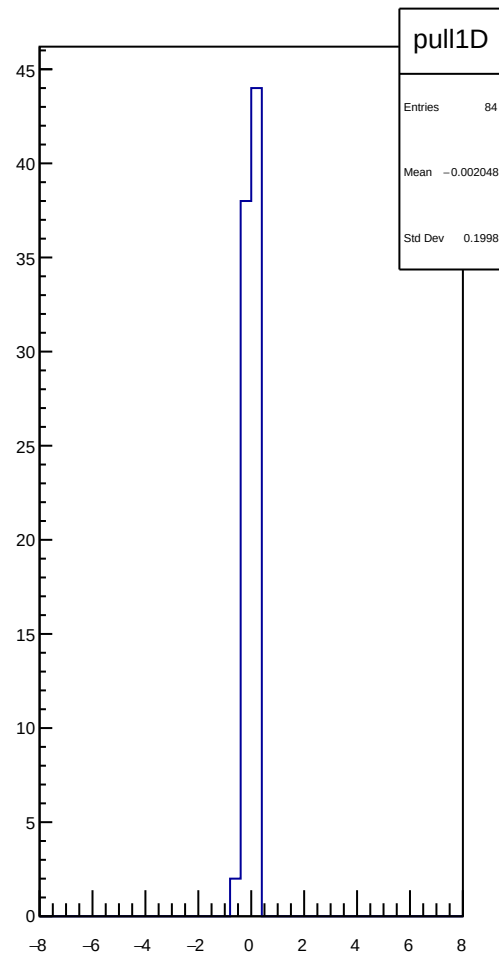
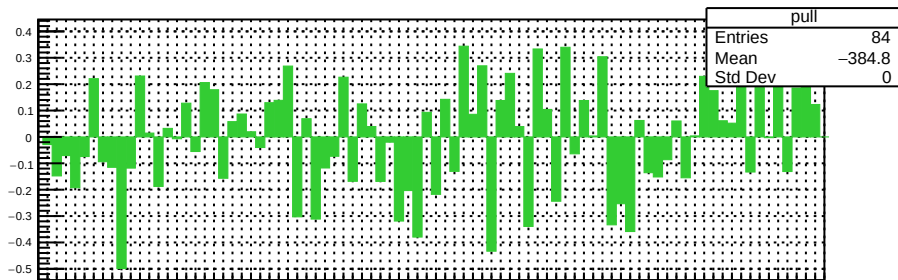
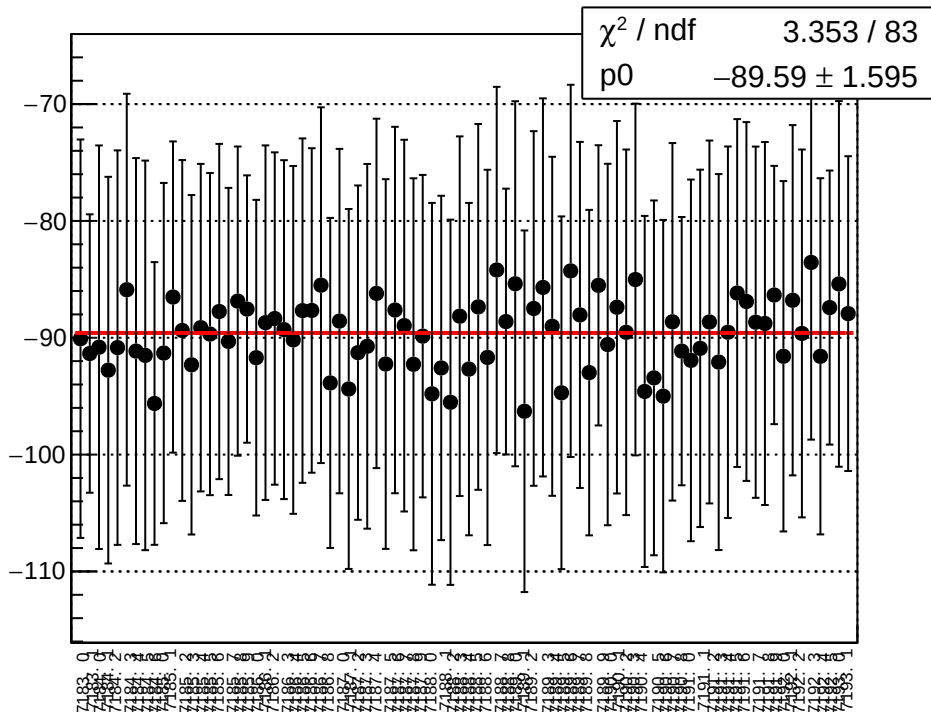
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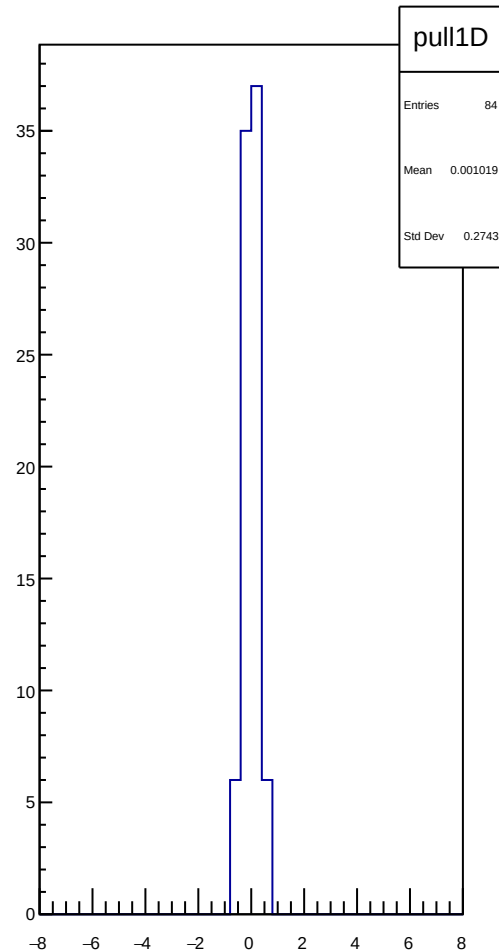
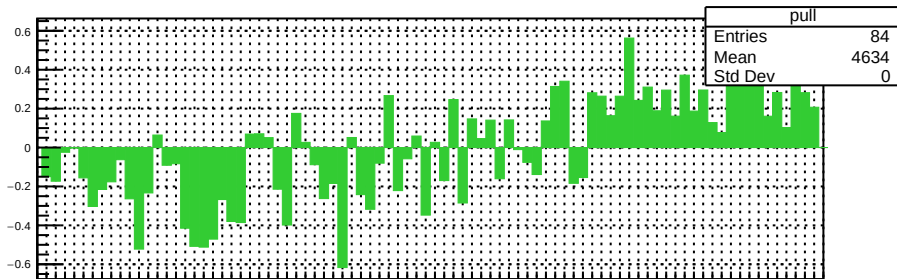
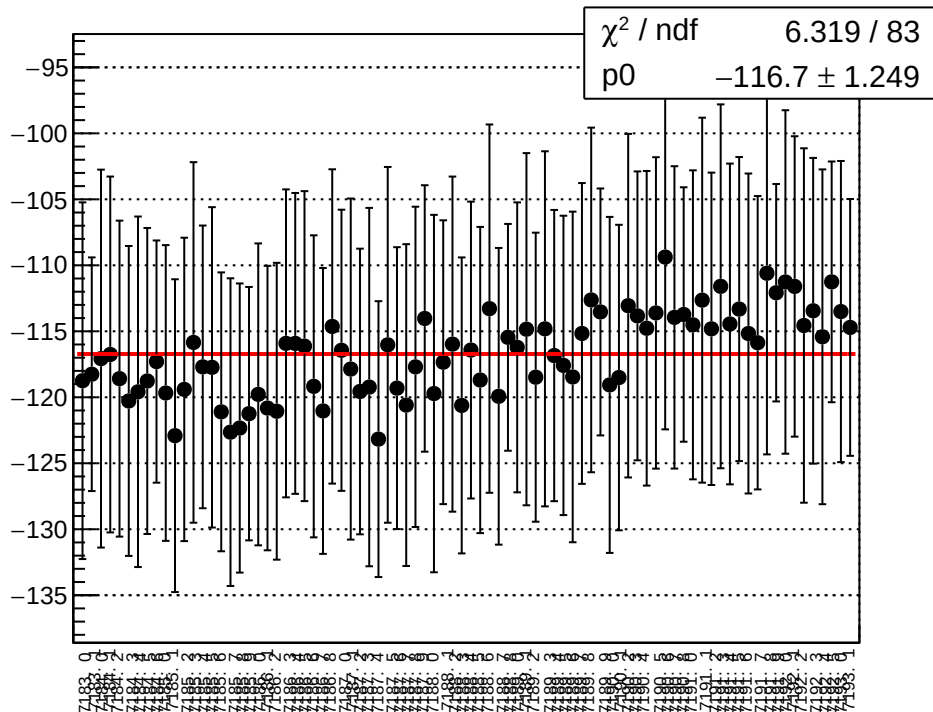
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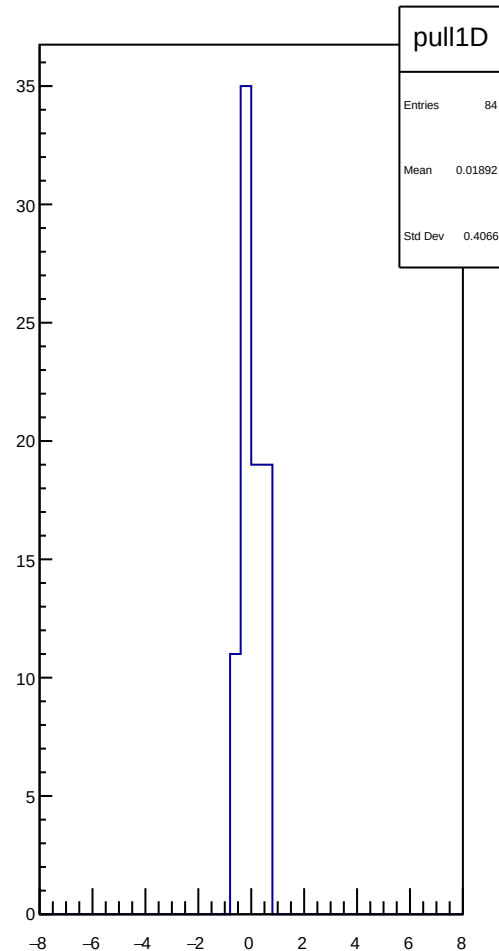
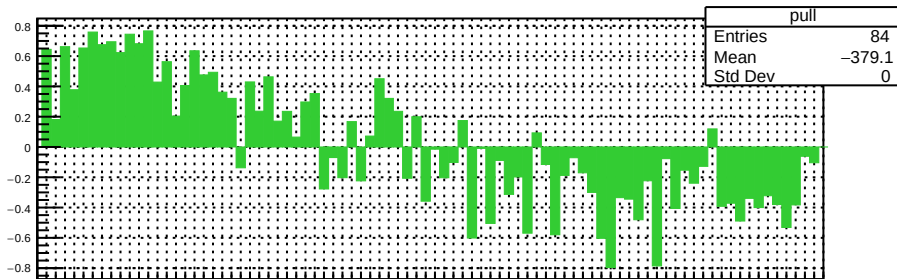
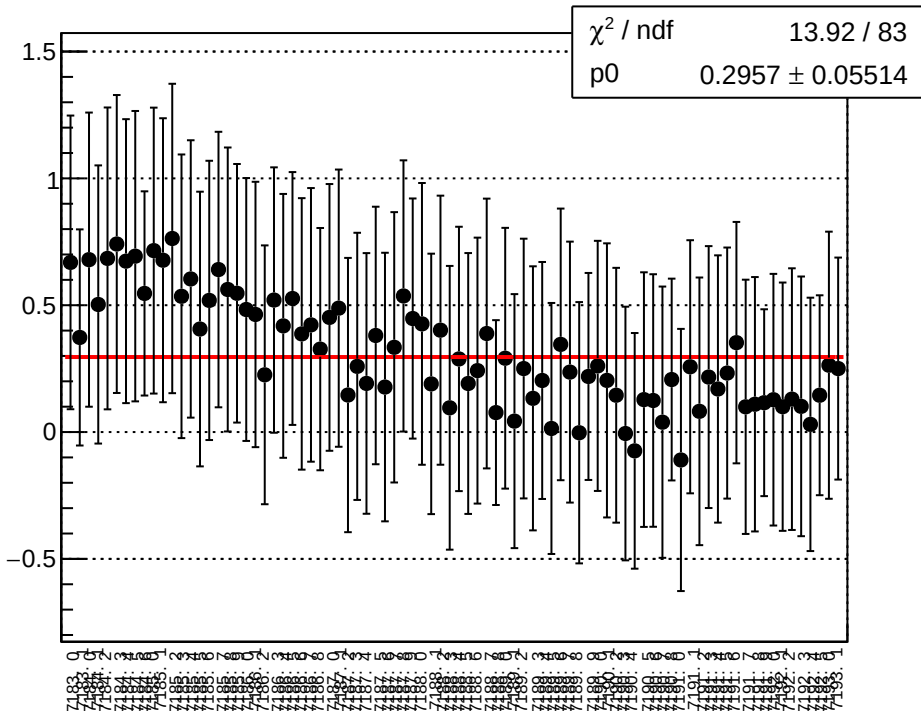
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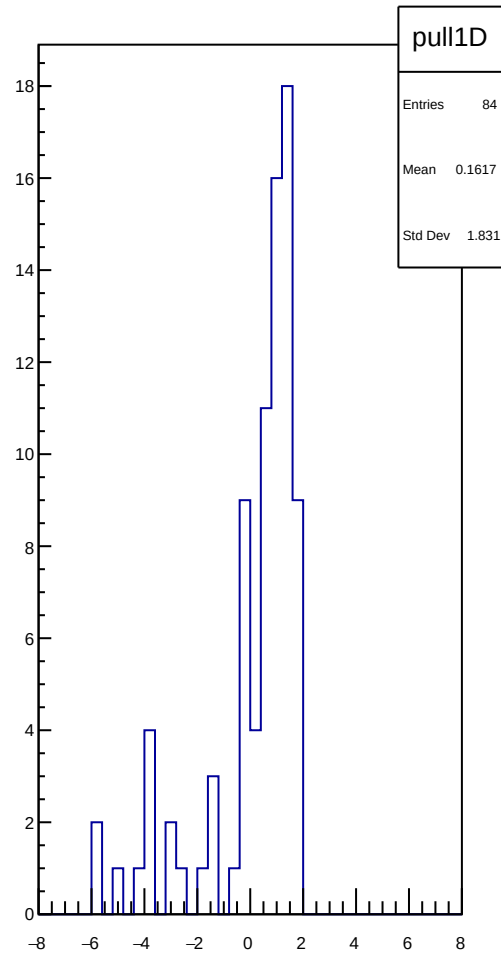
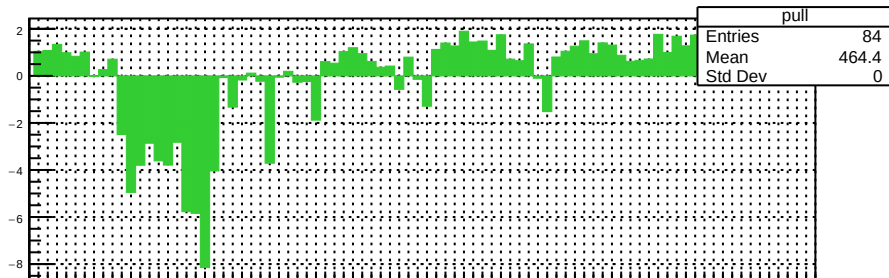
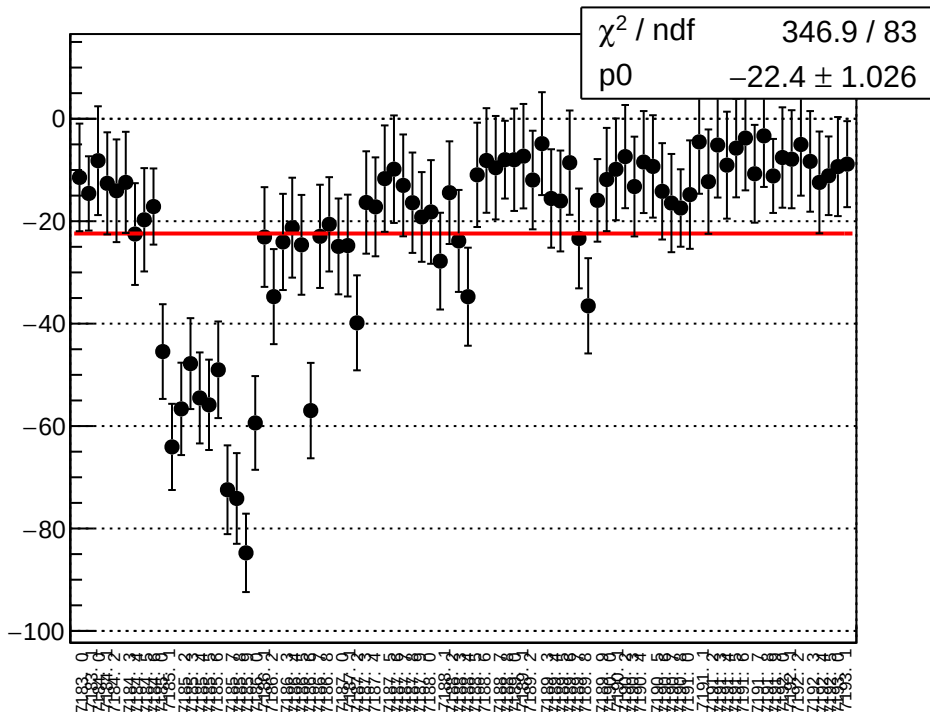
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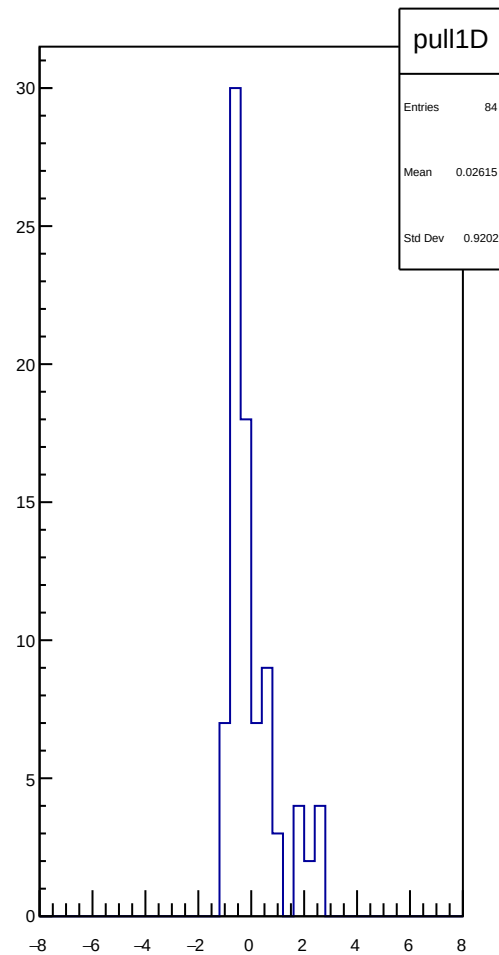
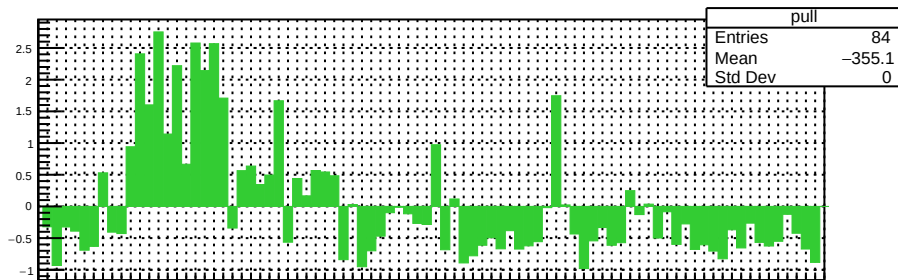
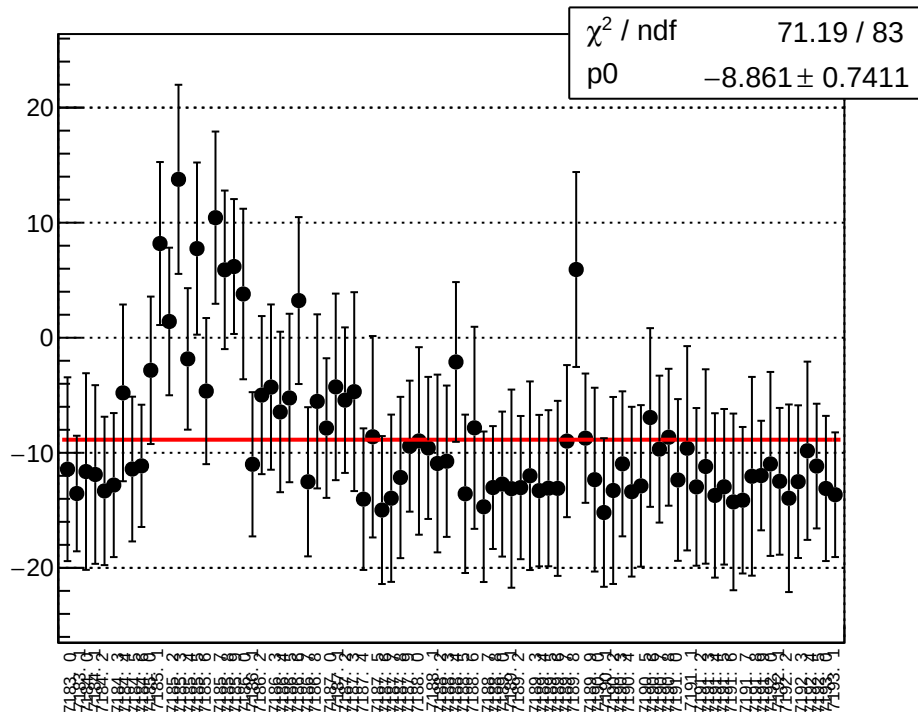
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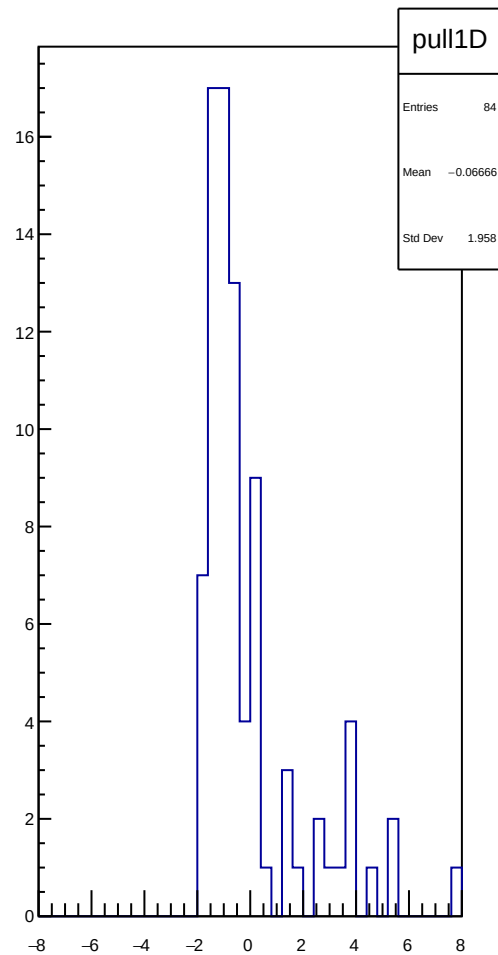
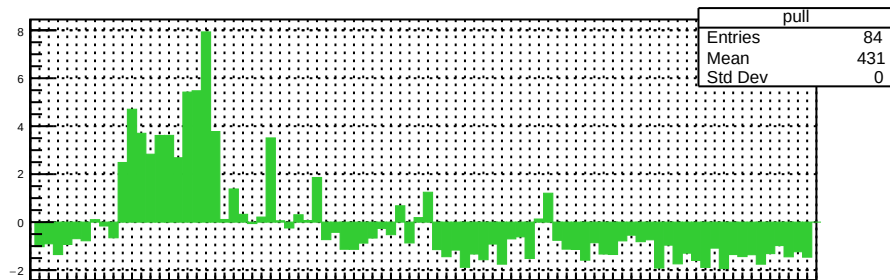
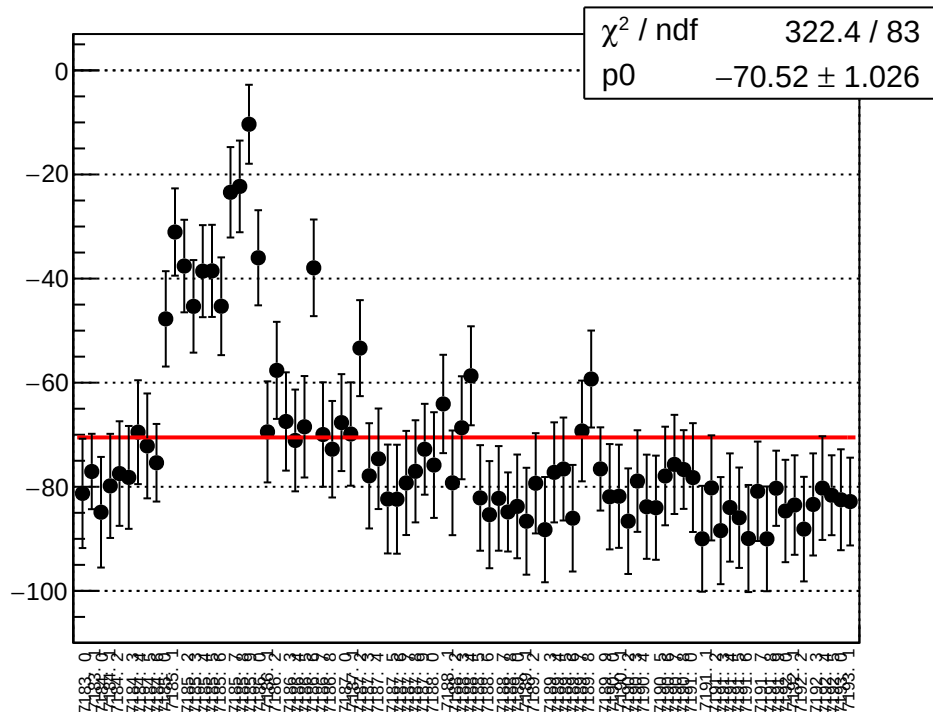
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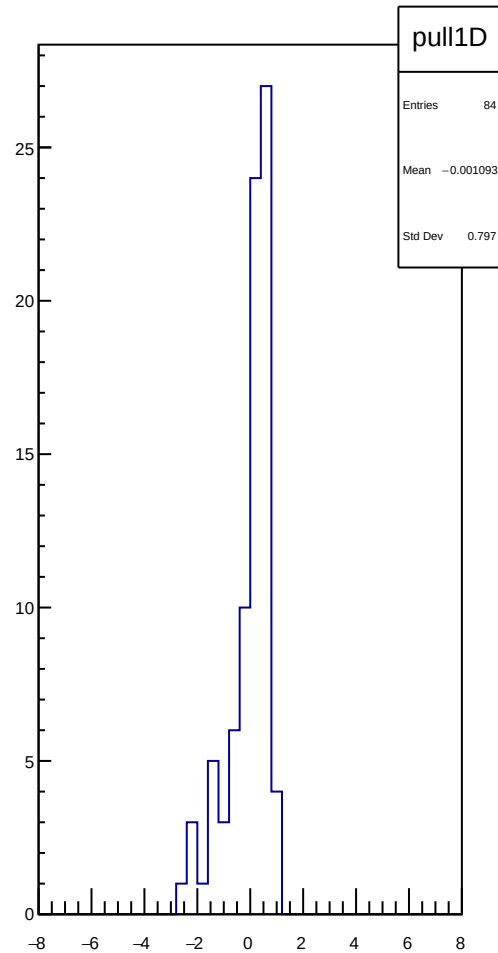
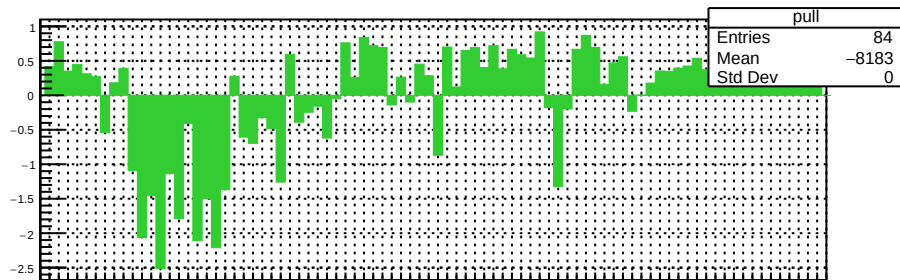
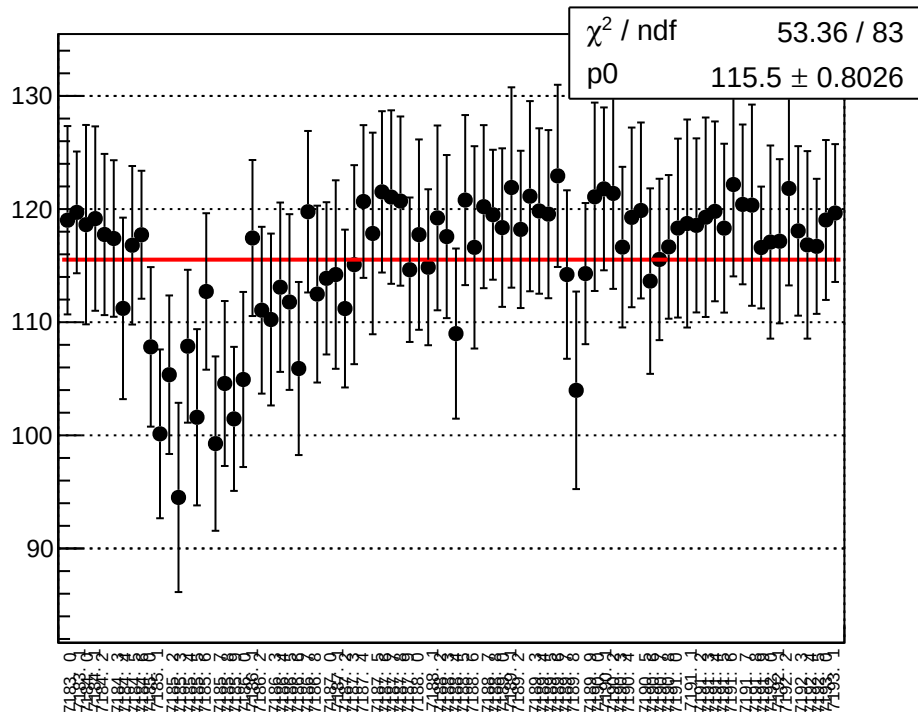
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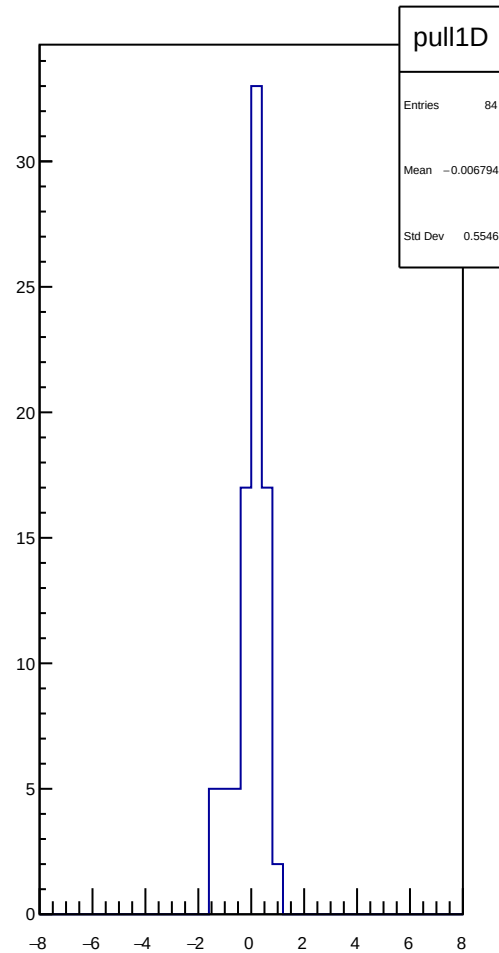
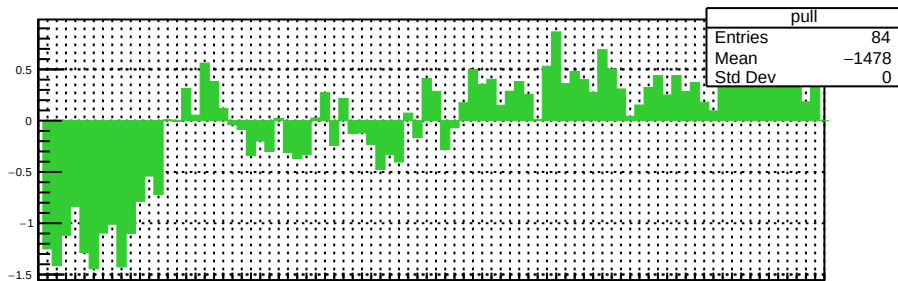
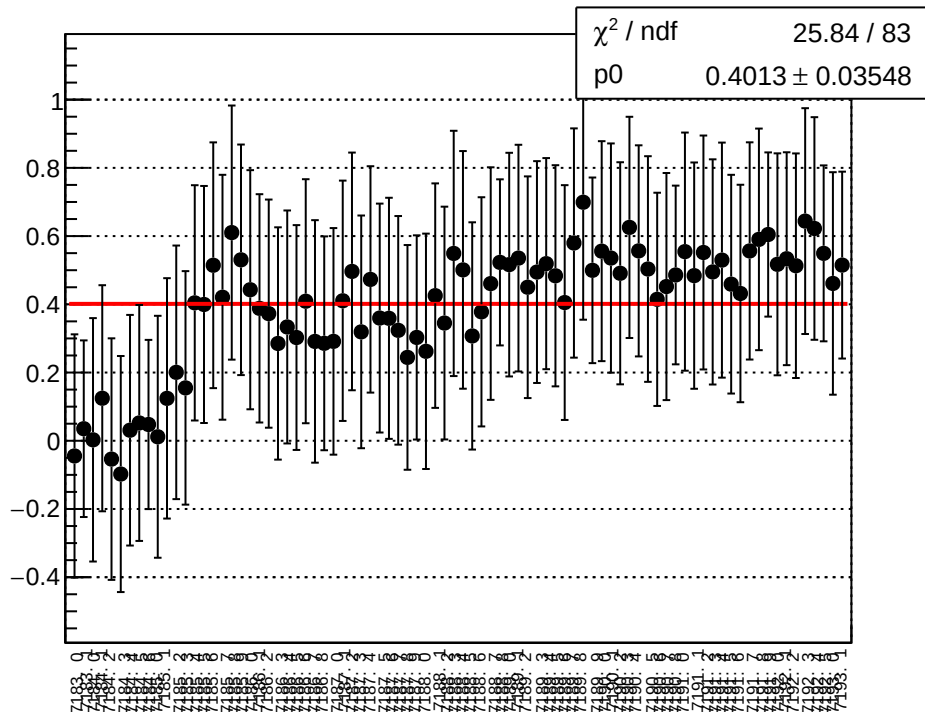
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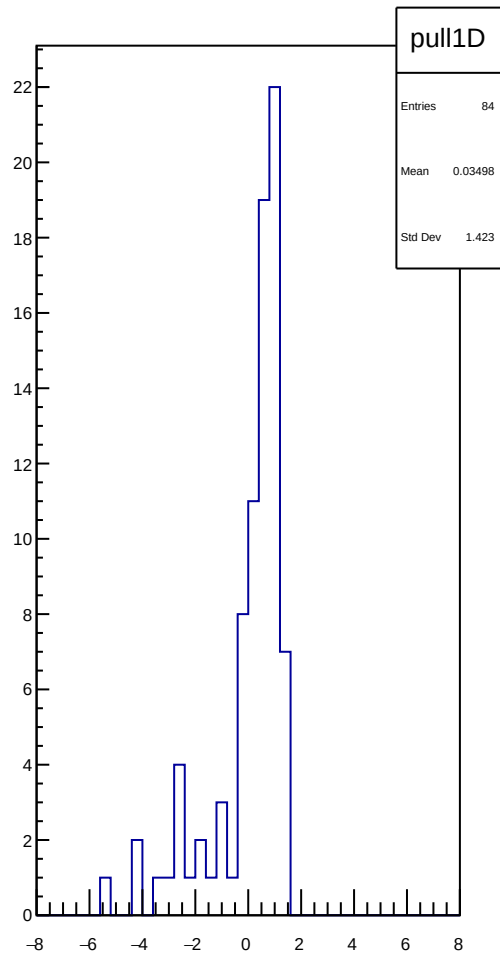
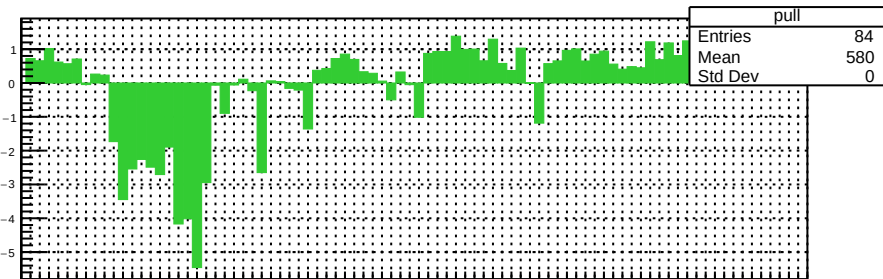
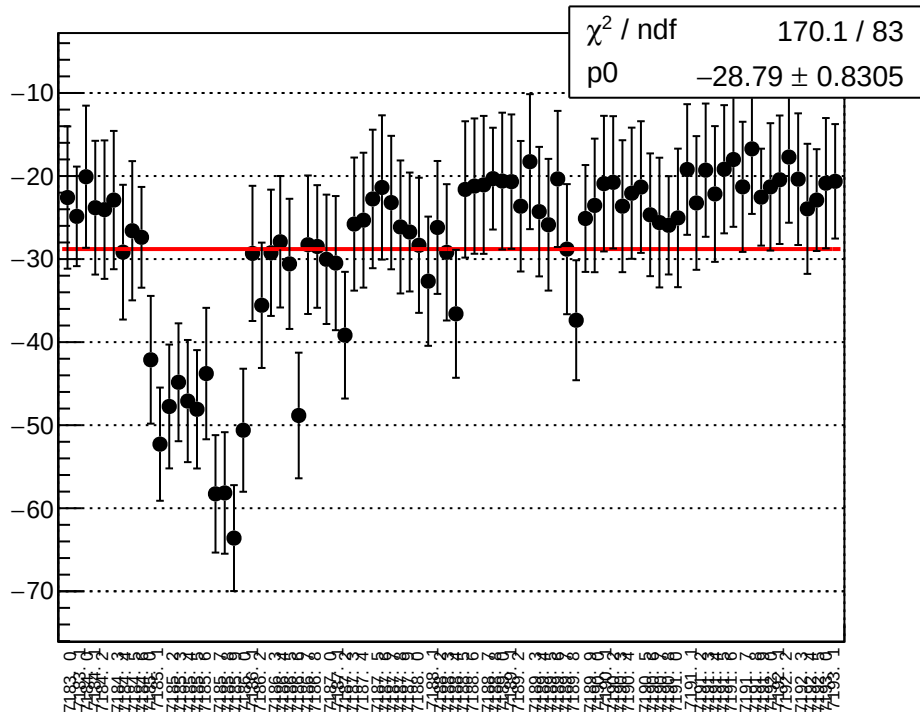
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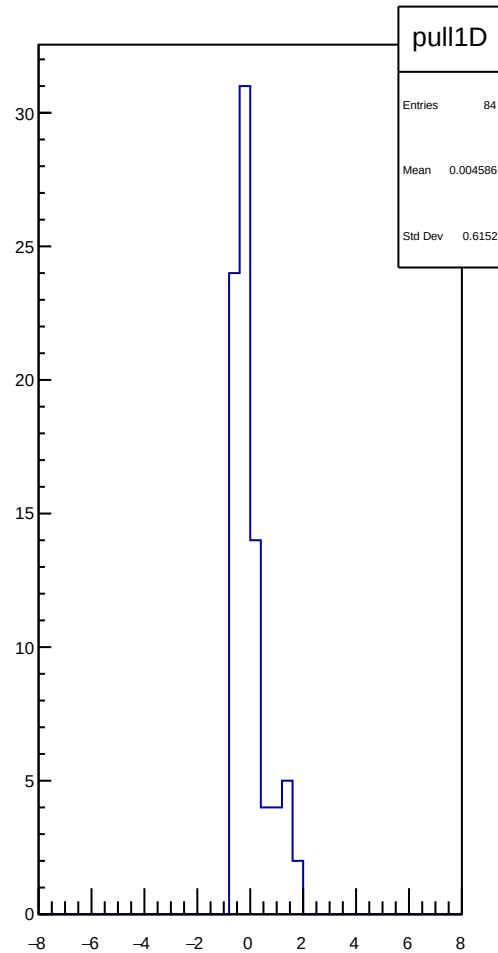
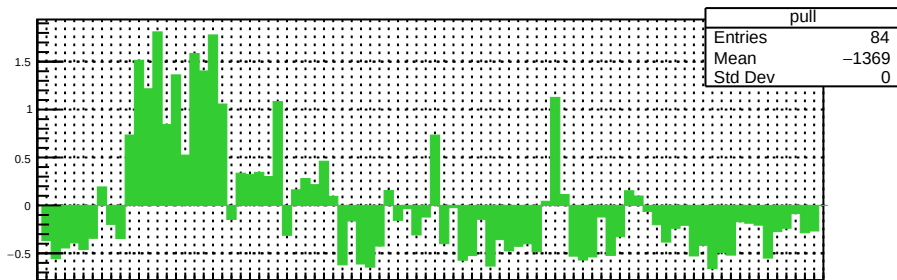
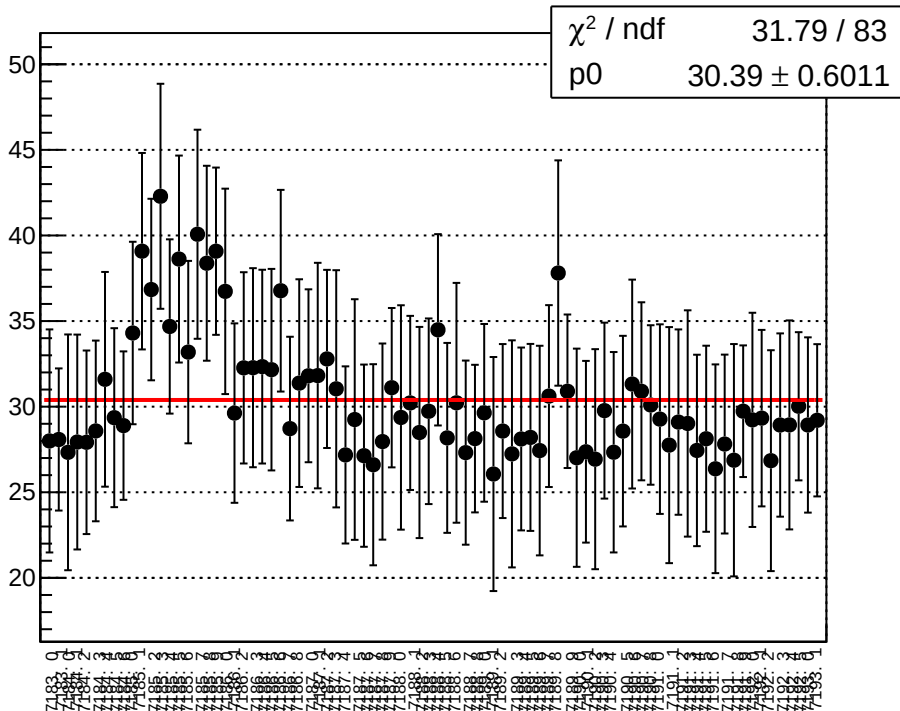
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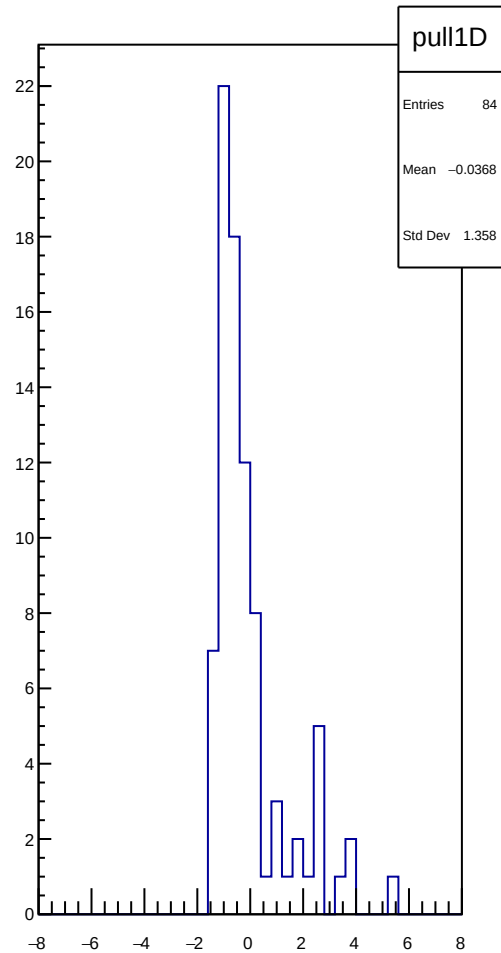
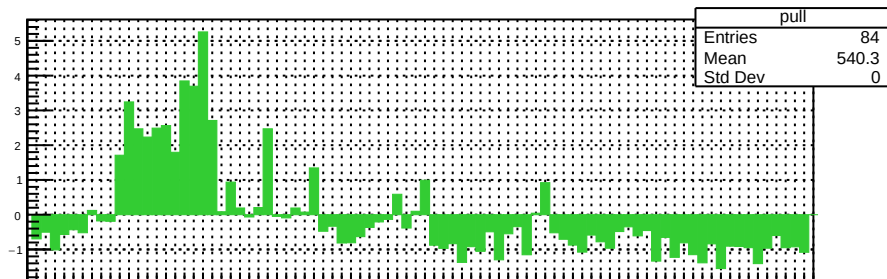
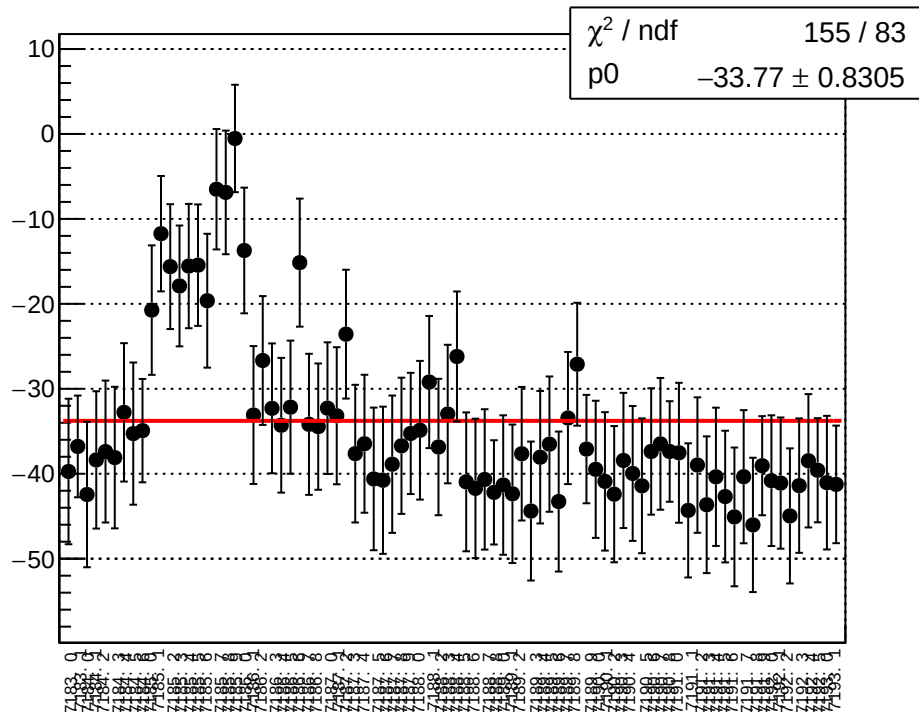
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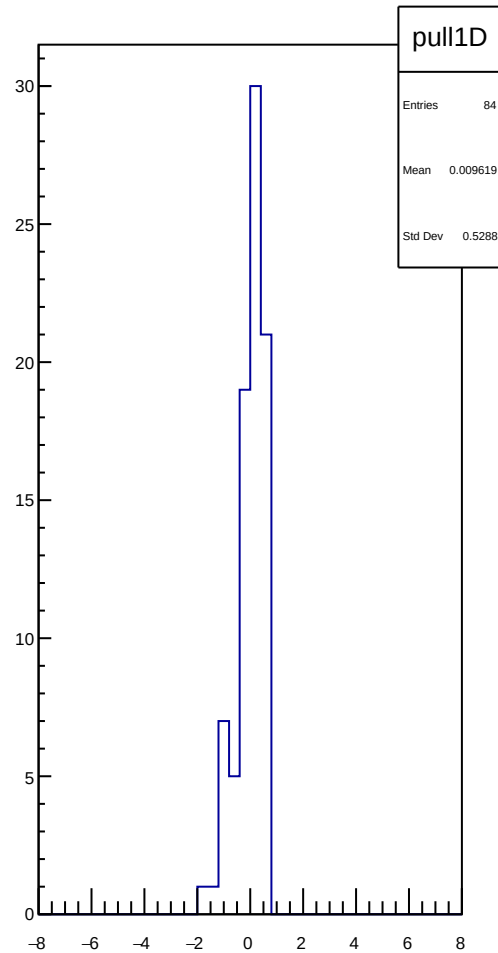
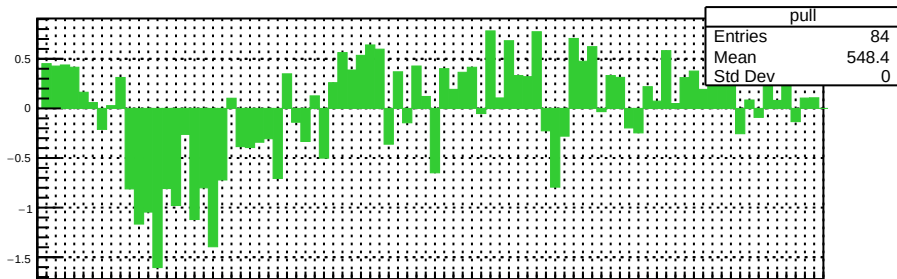
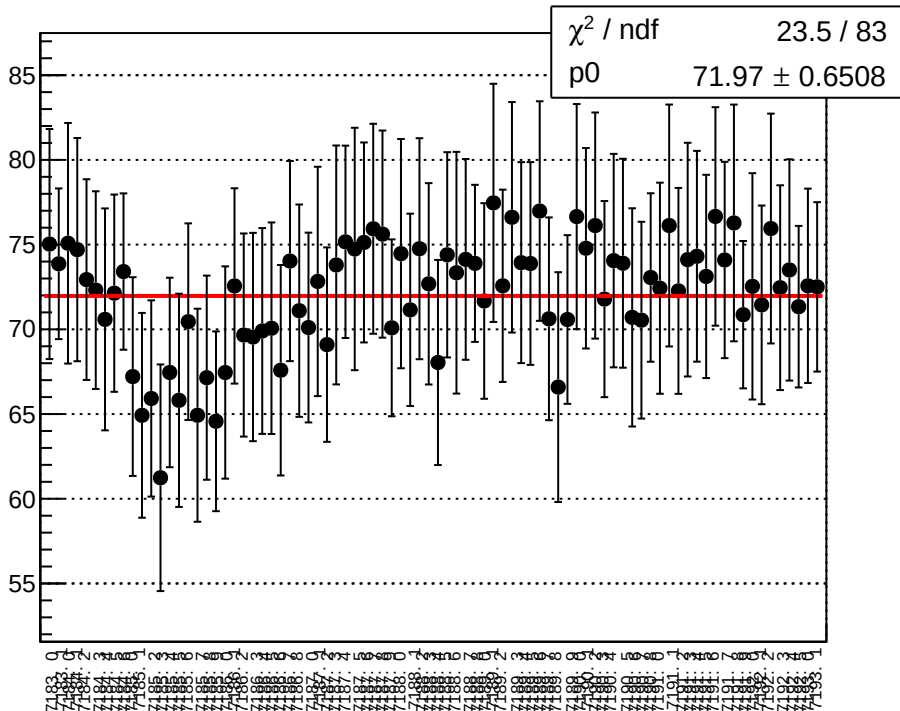
reg_asym_sam_48_dd_diff_bpm4aY_slope vs run



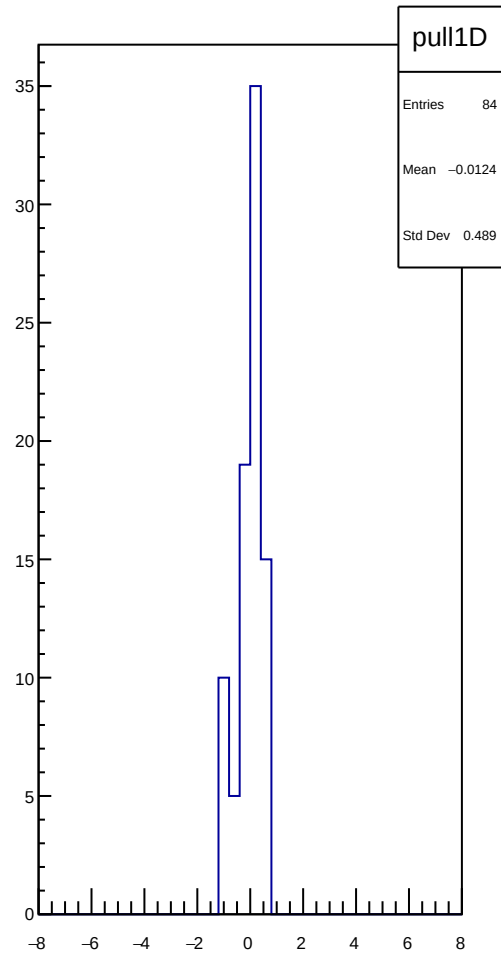
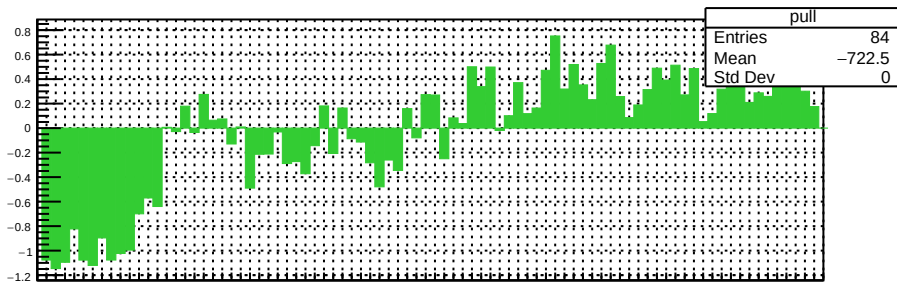
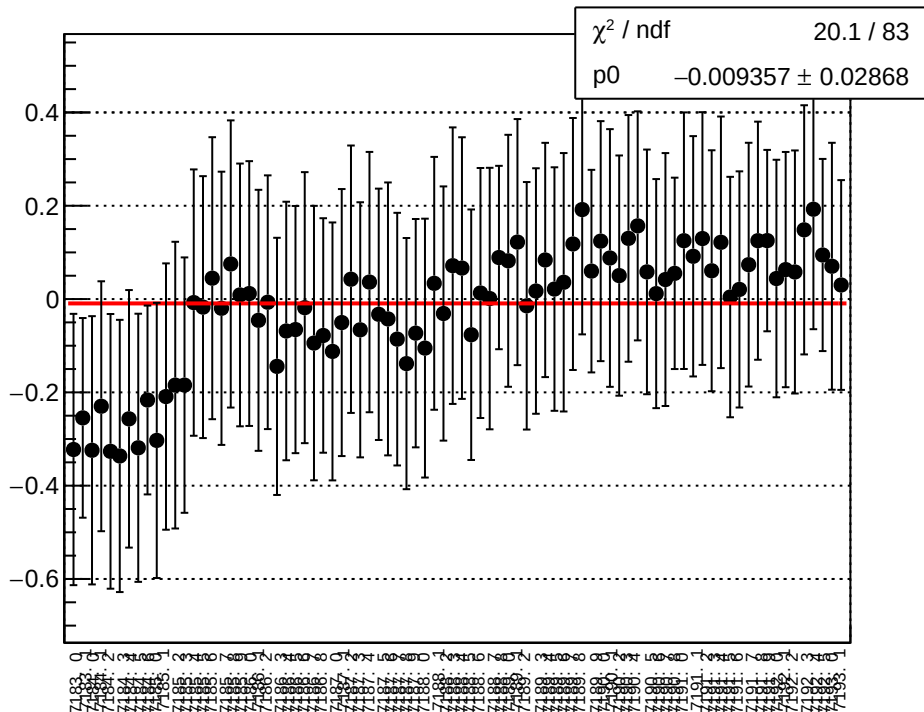
reg_asym_sam_48_dd_diff_bpm4eX_slope vs run



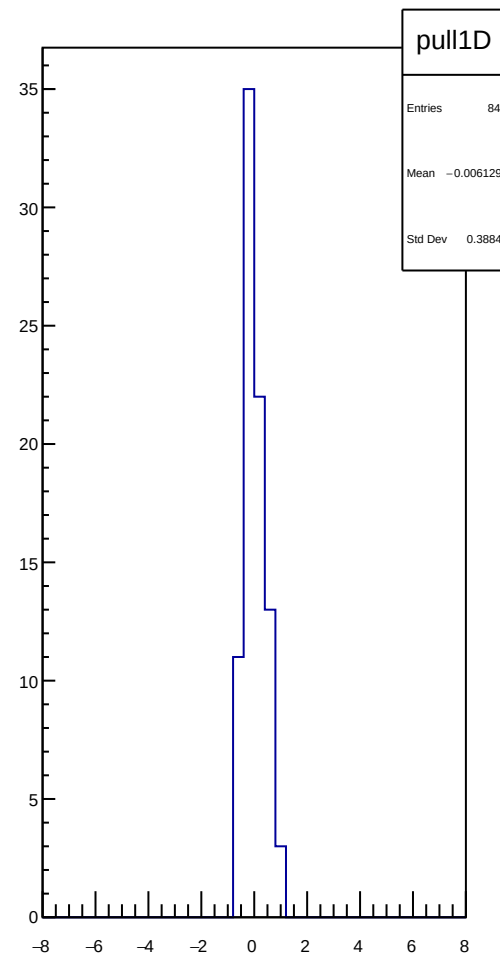
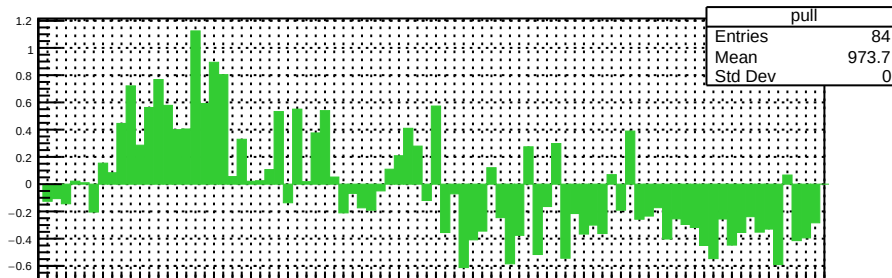
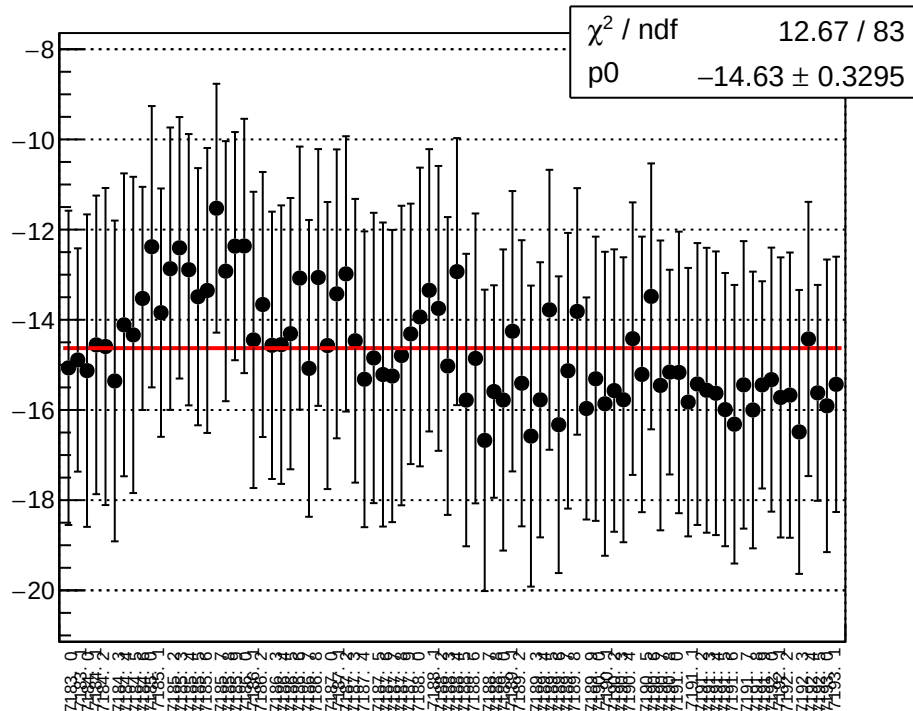
reg_asym_sam_48_dd_diff_bpm4eY_slope vs run



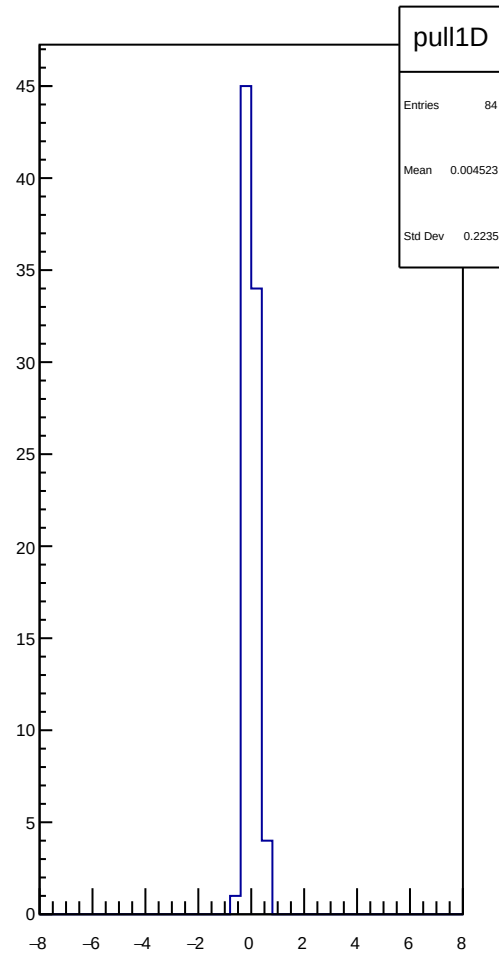
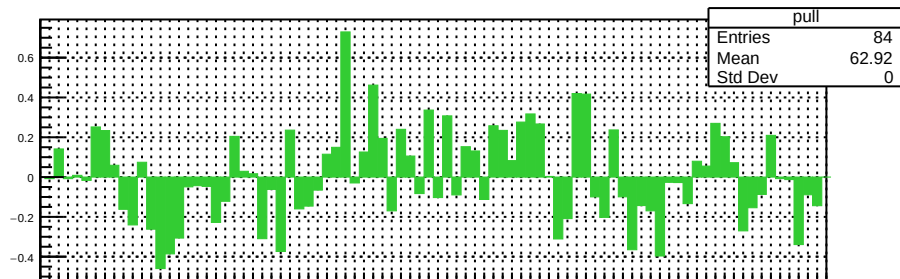
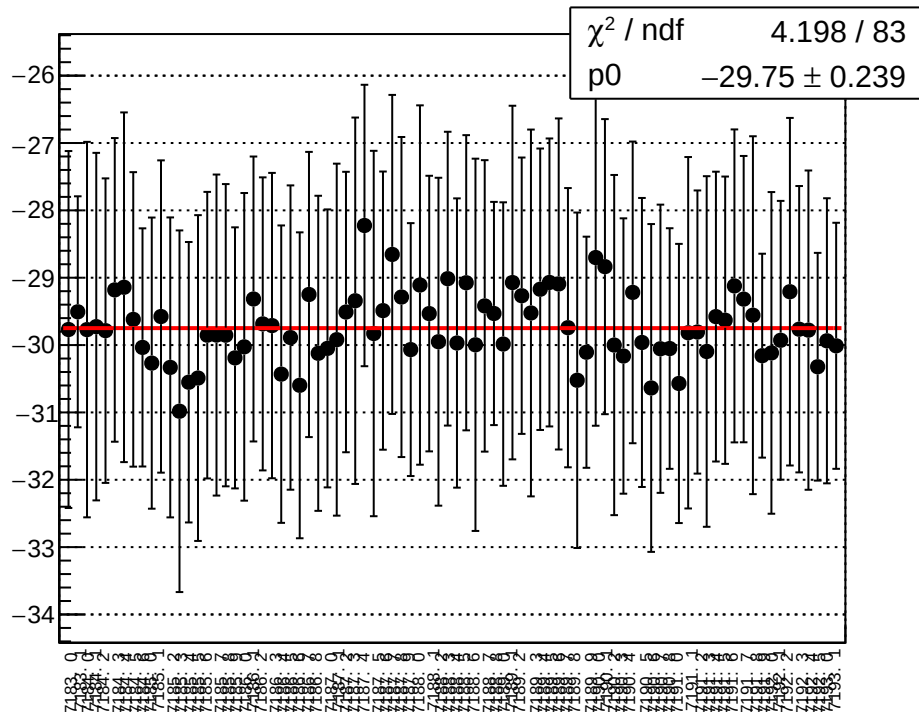
reg_asym_sam_48_dd_diff_bpm12X_slope vs run



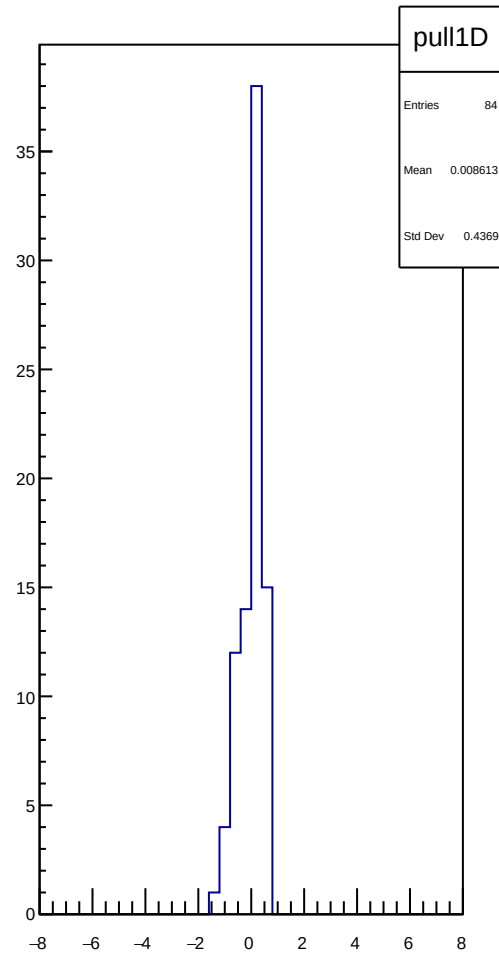
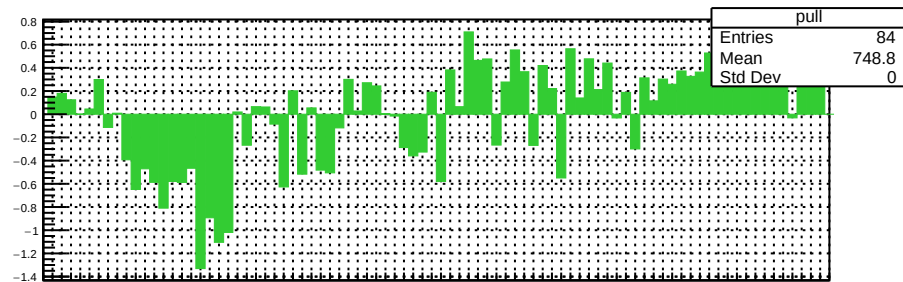
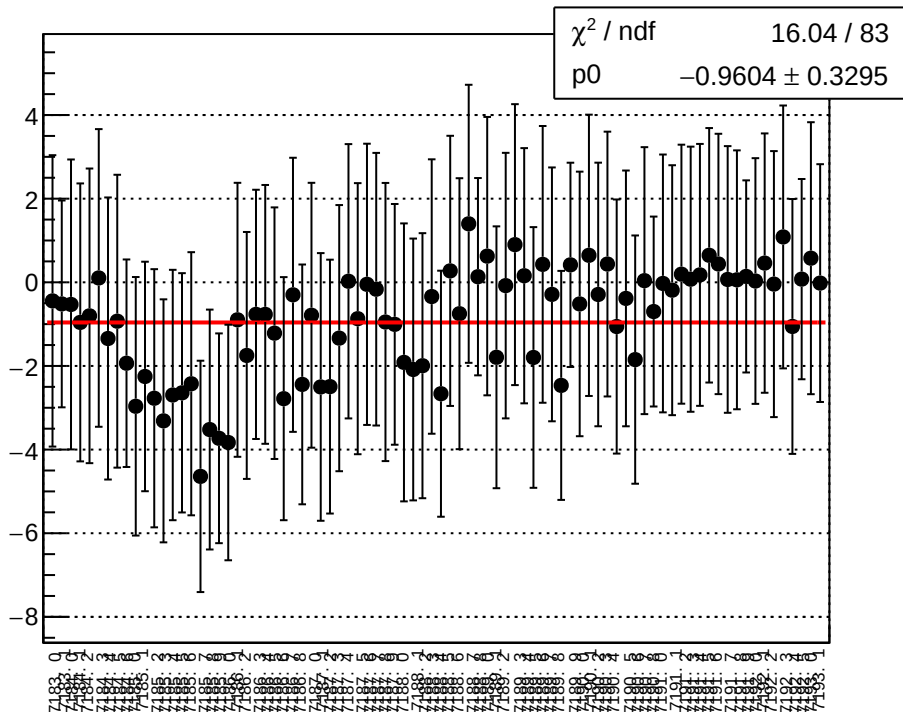
reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run



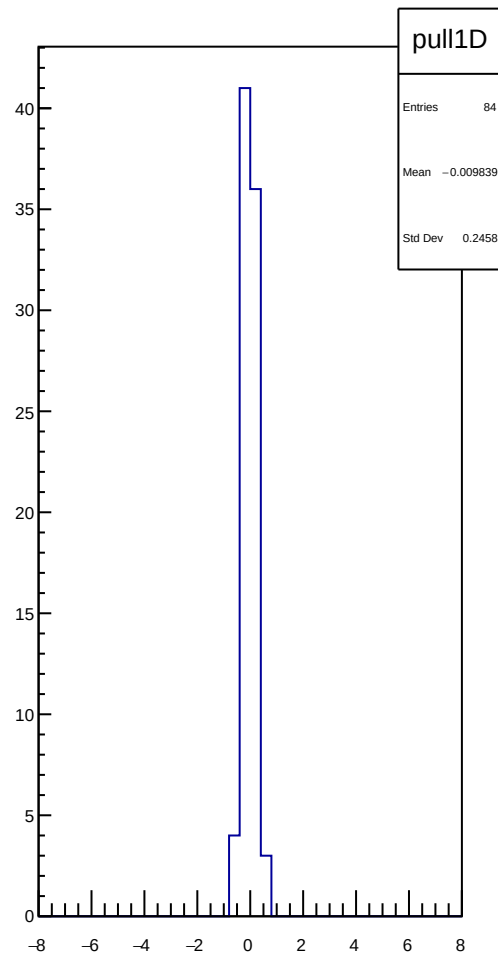
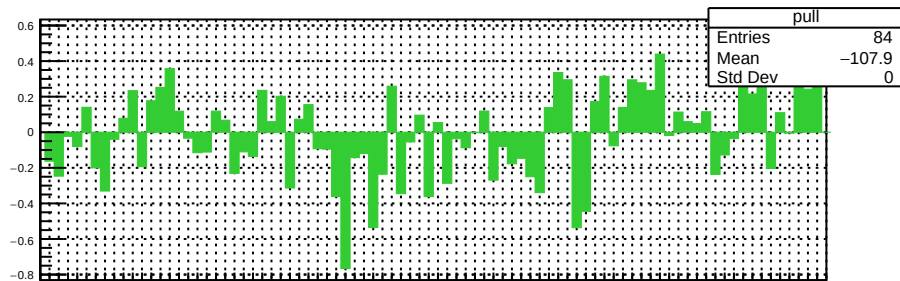
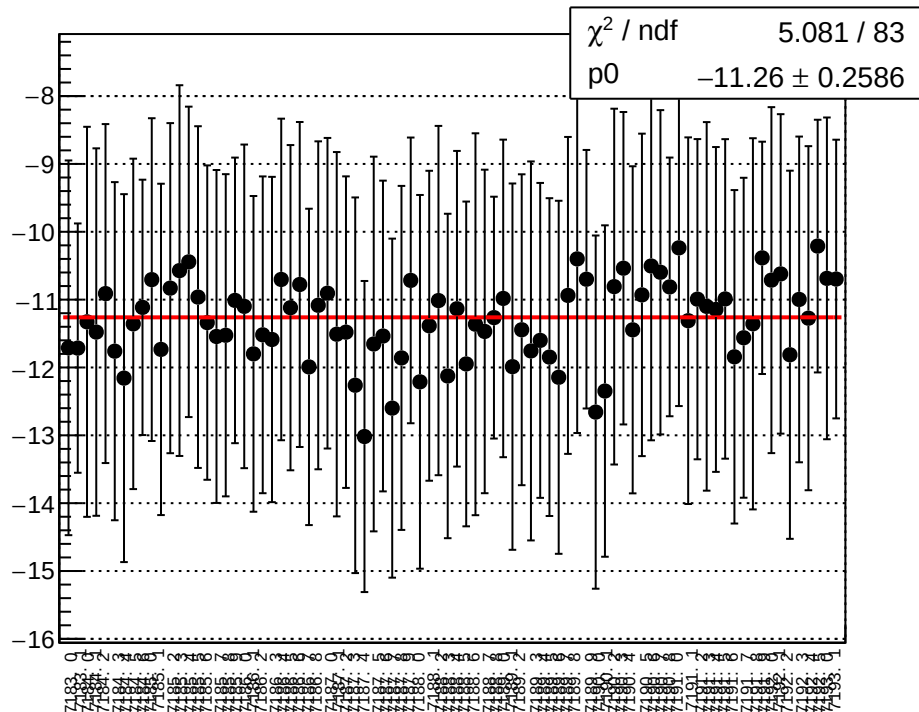
reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run



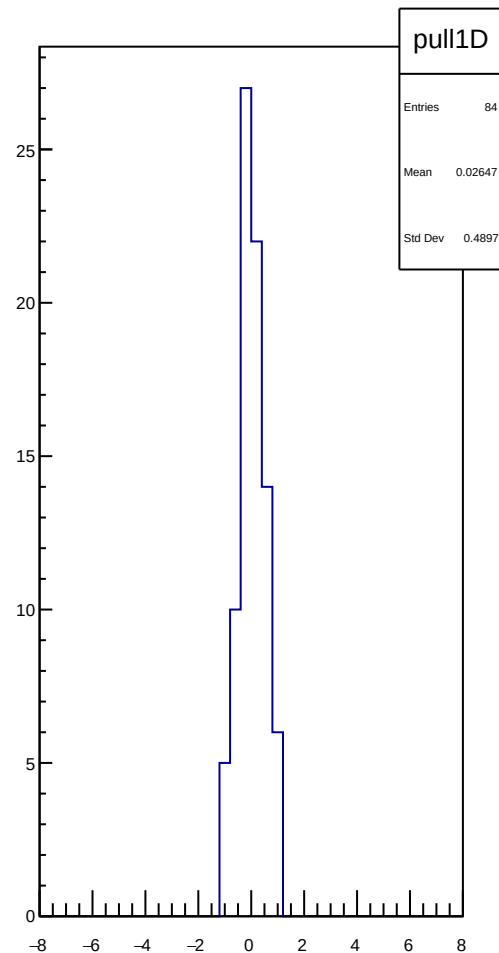
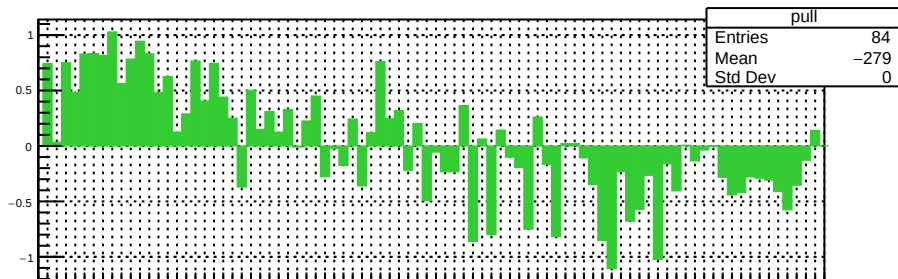
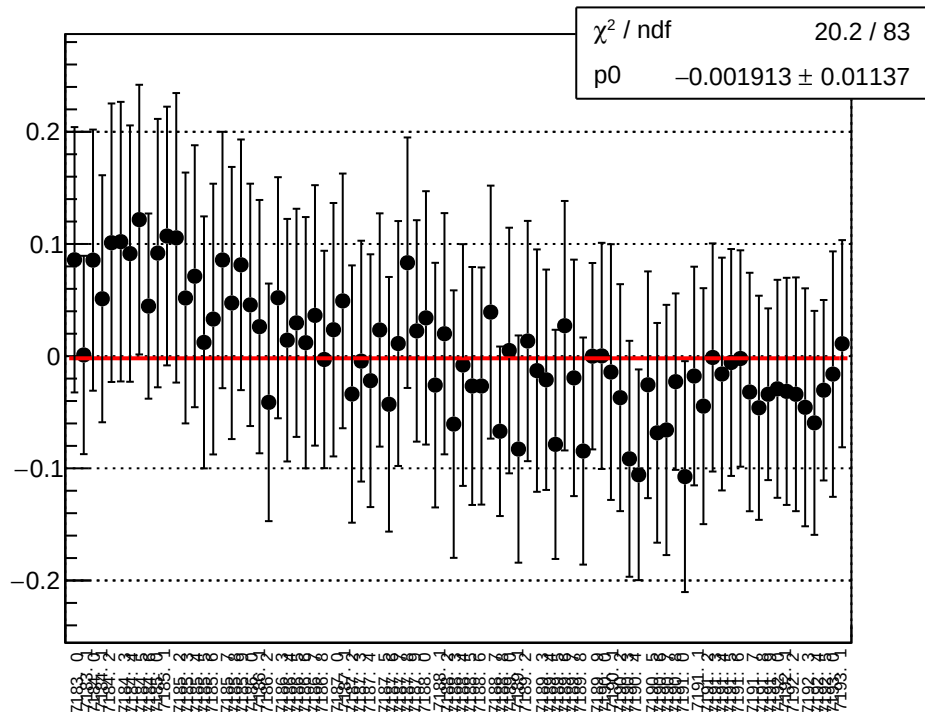
reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run



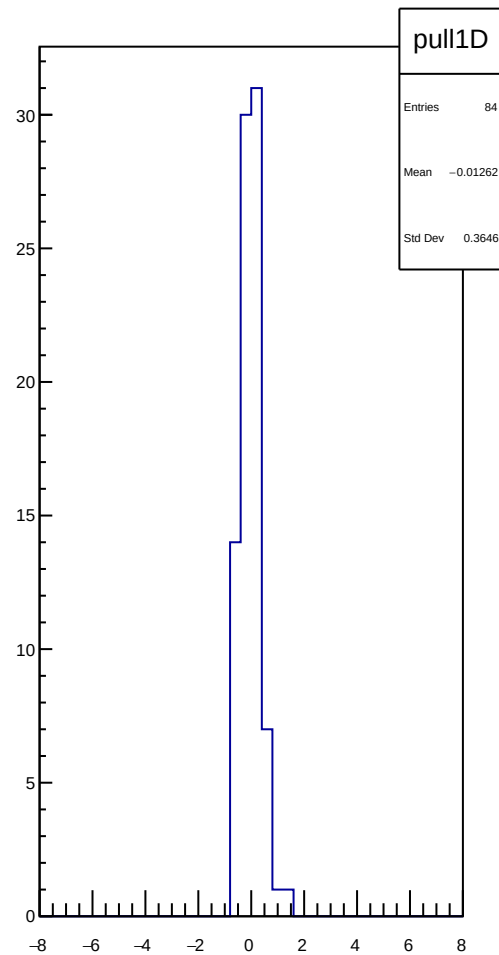
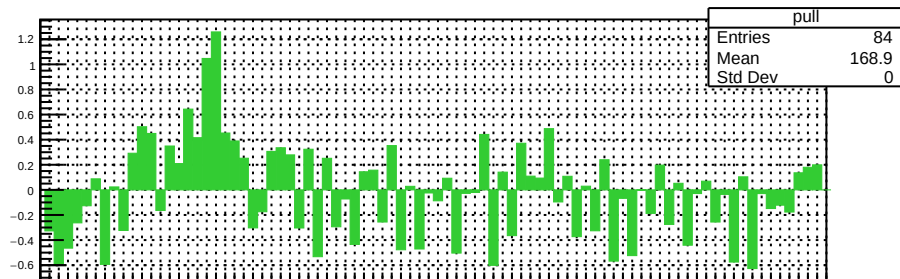
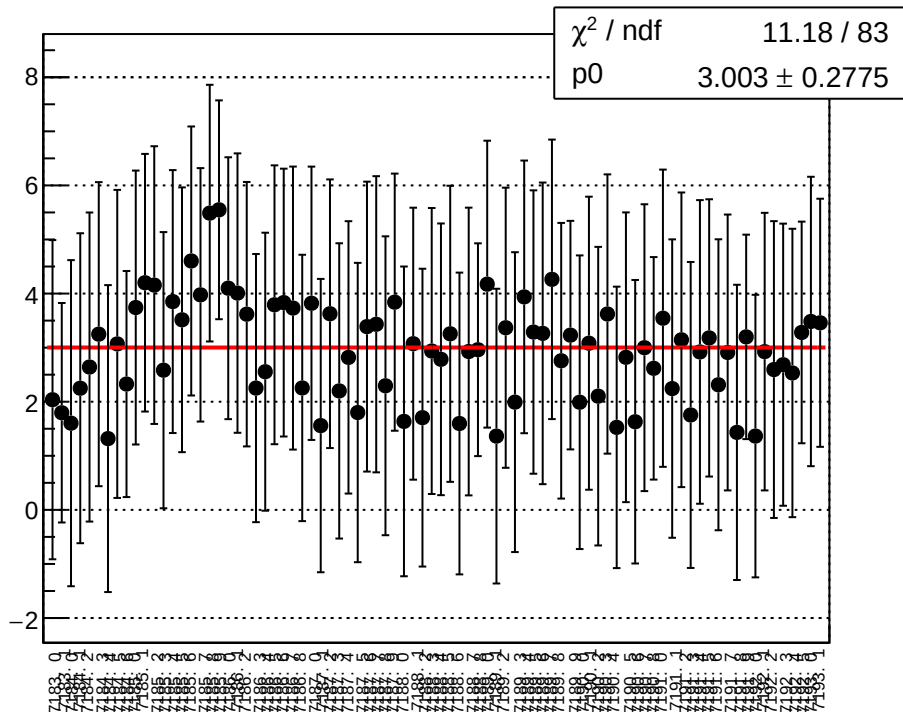
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run



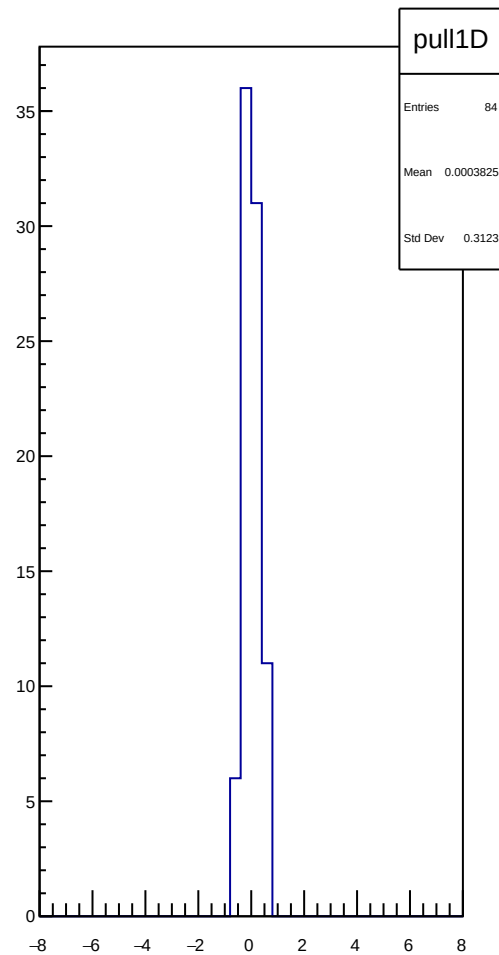
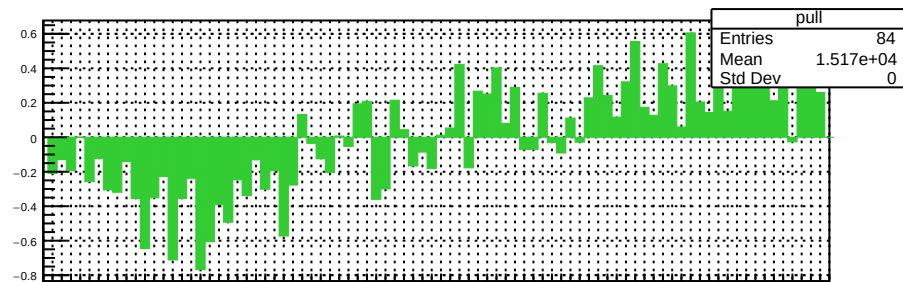
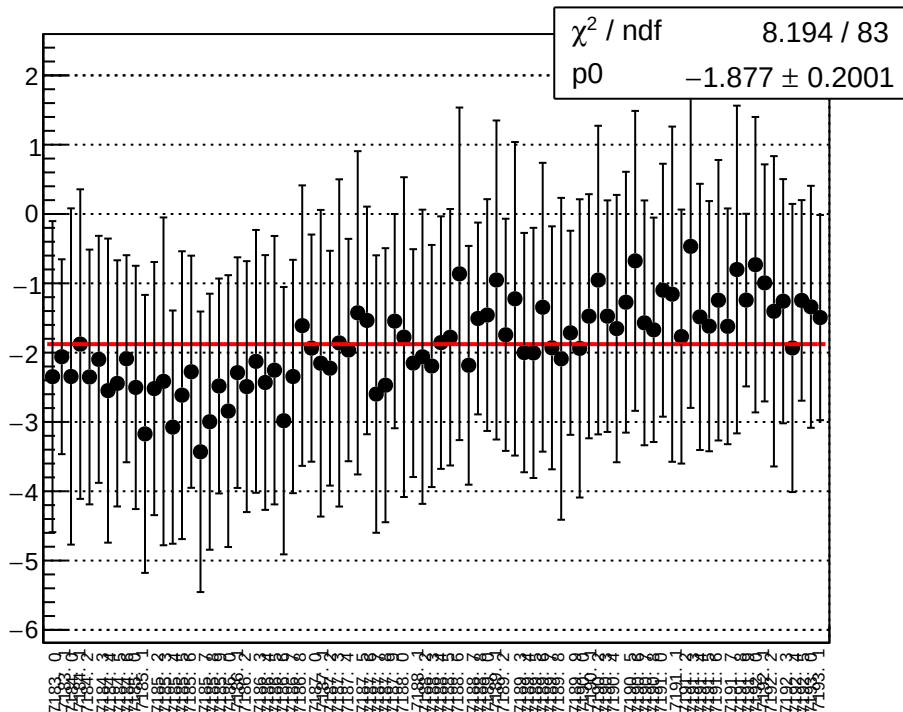
reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run



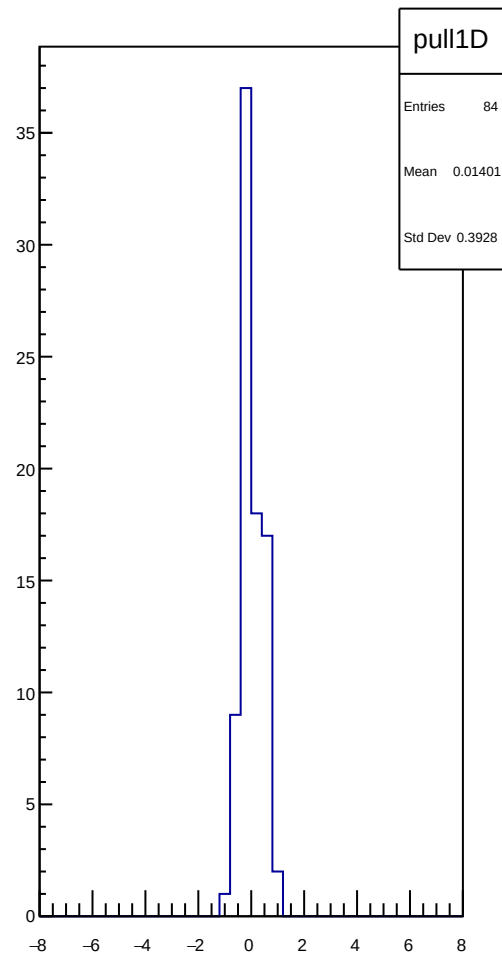
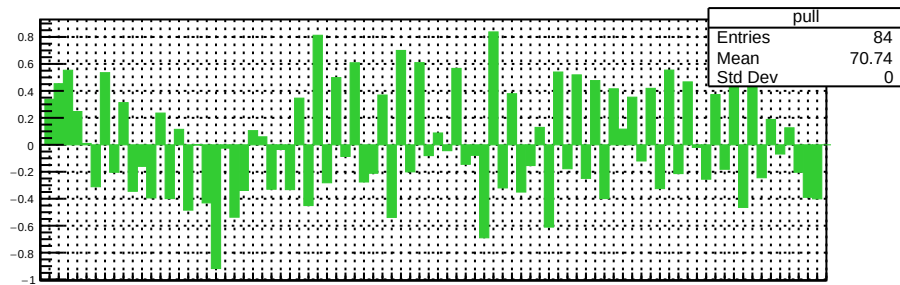
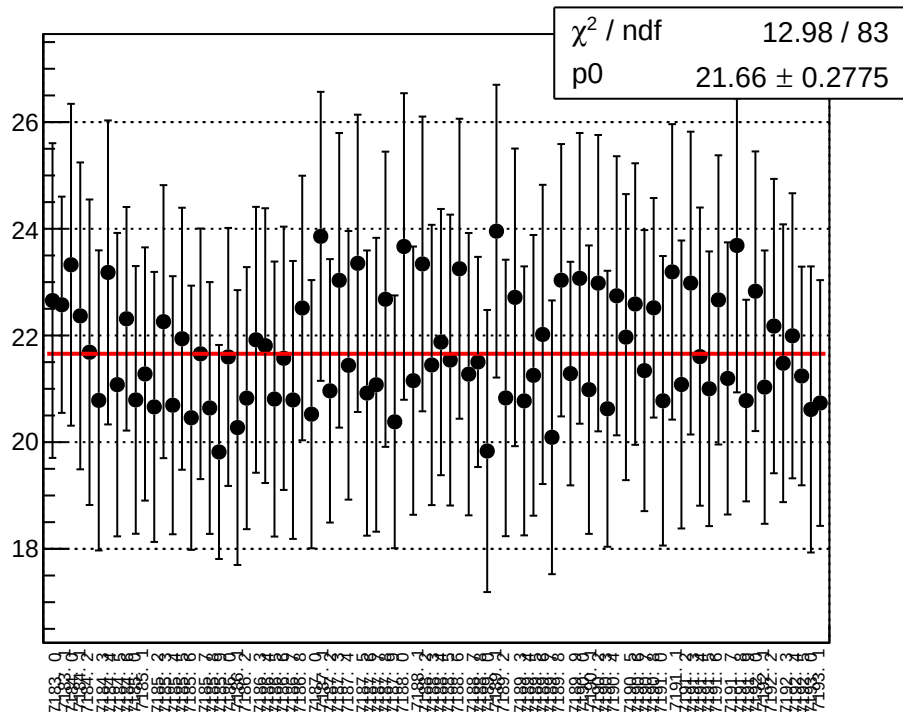
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run



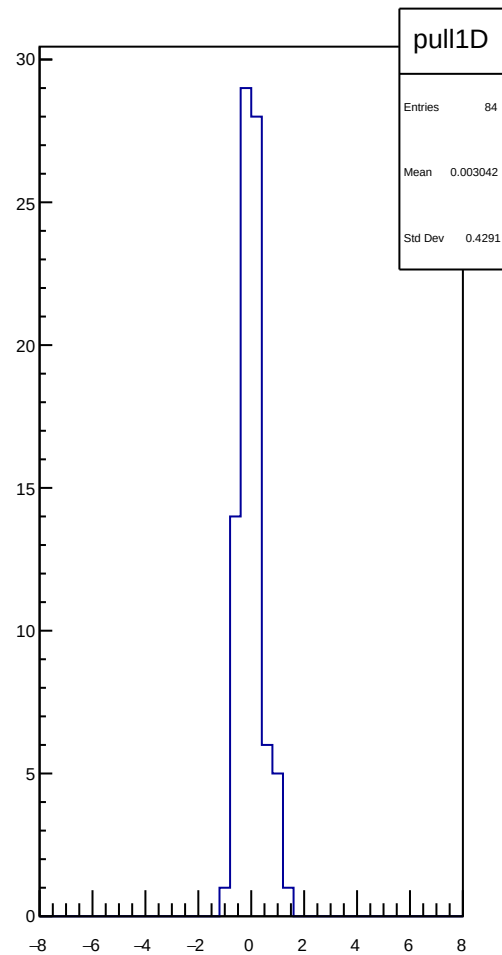
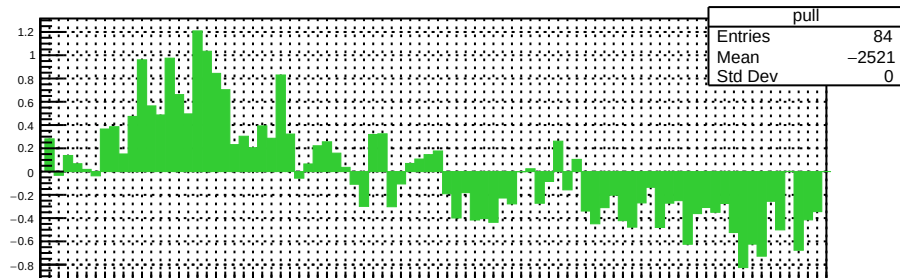
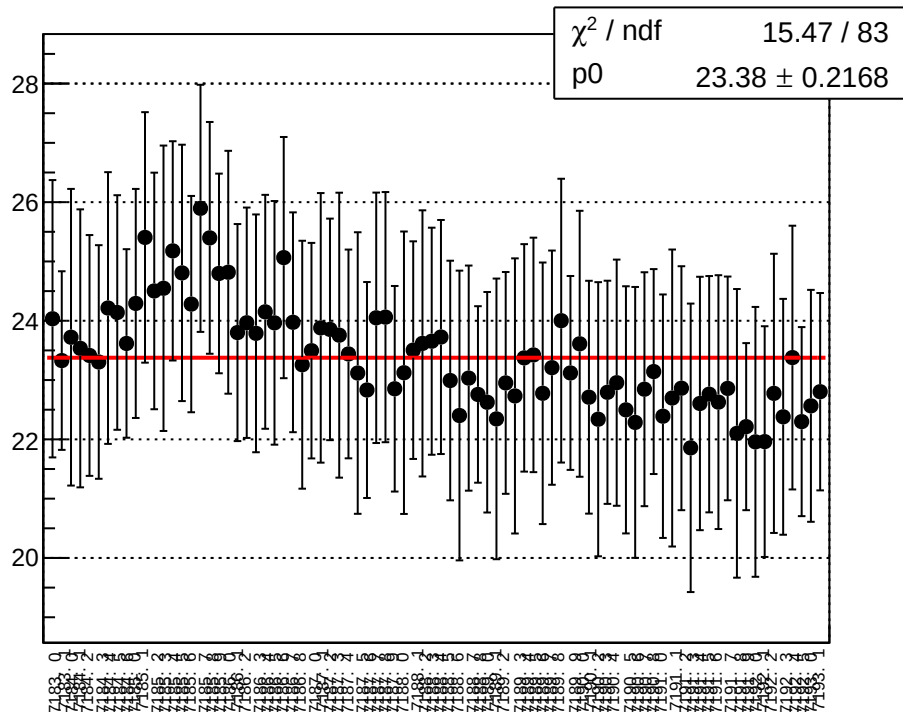
reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run



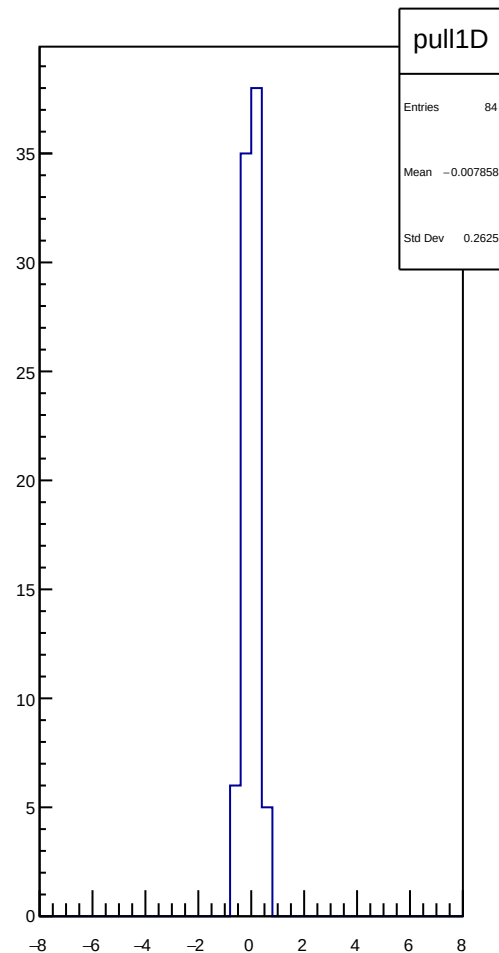
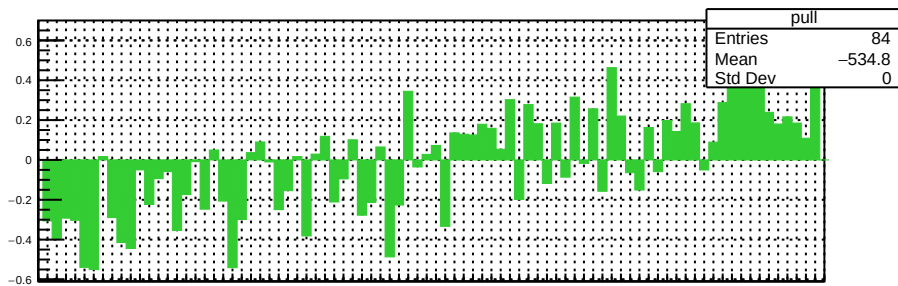
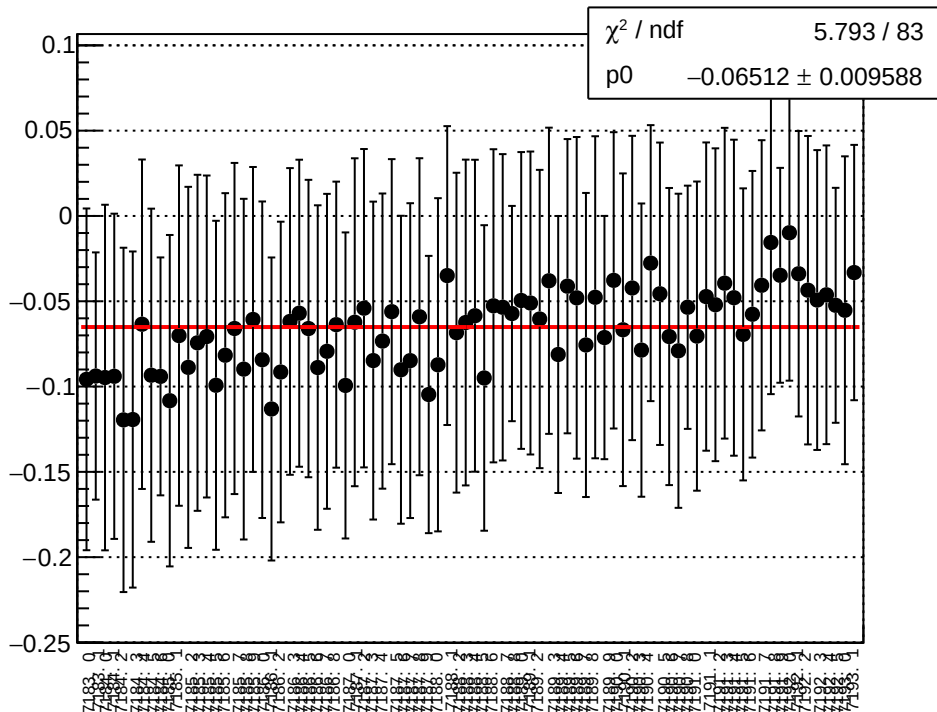
reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run



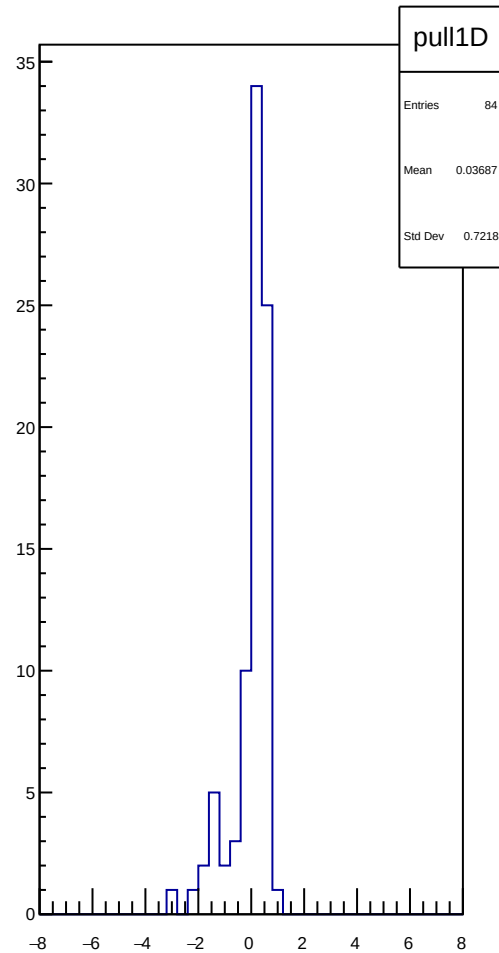
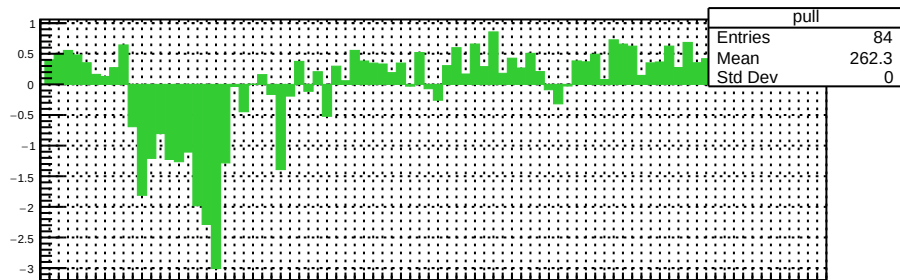
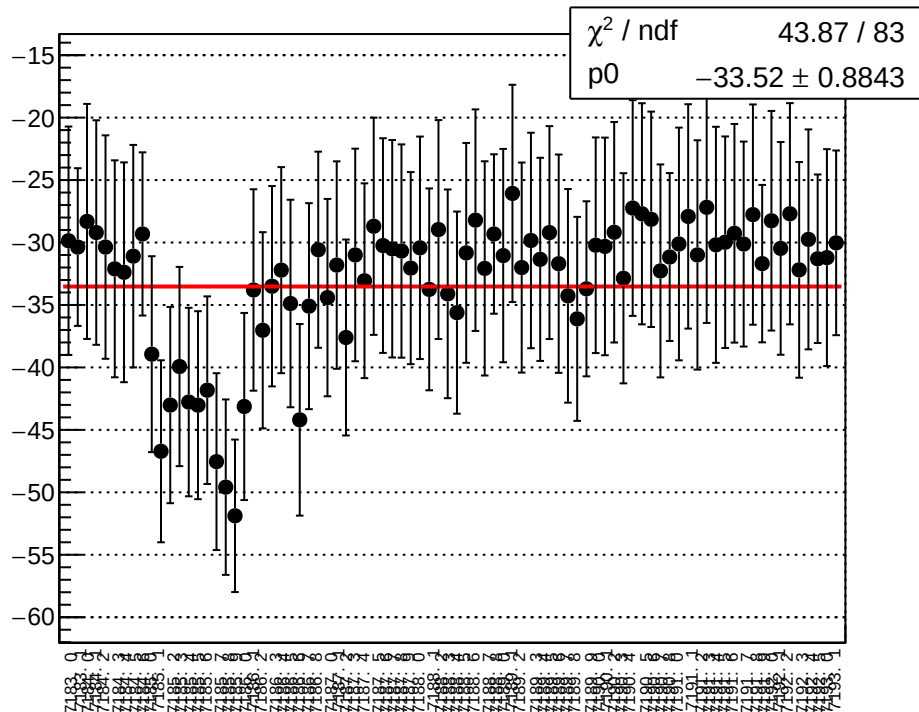
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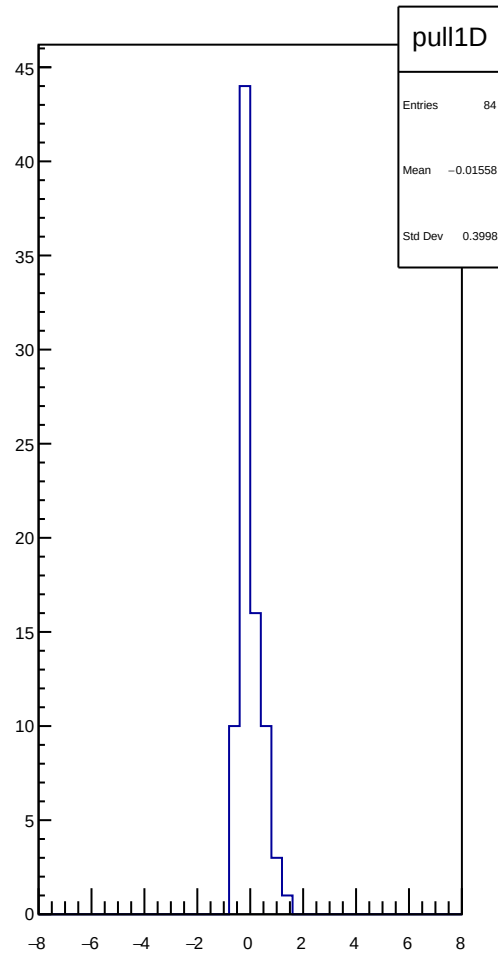
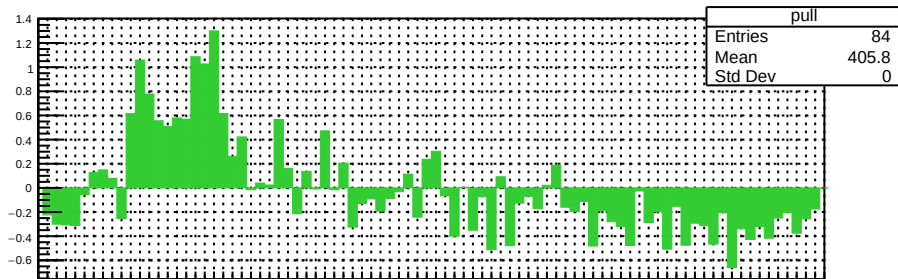
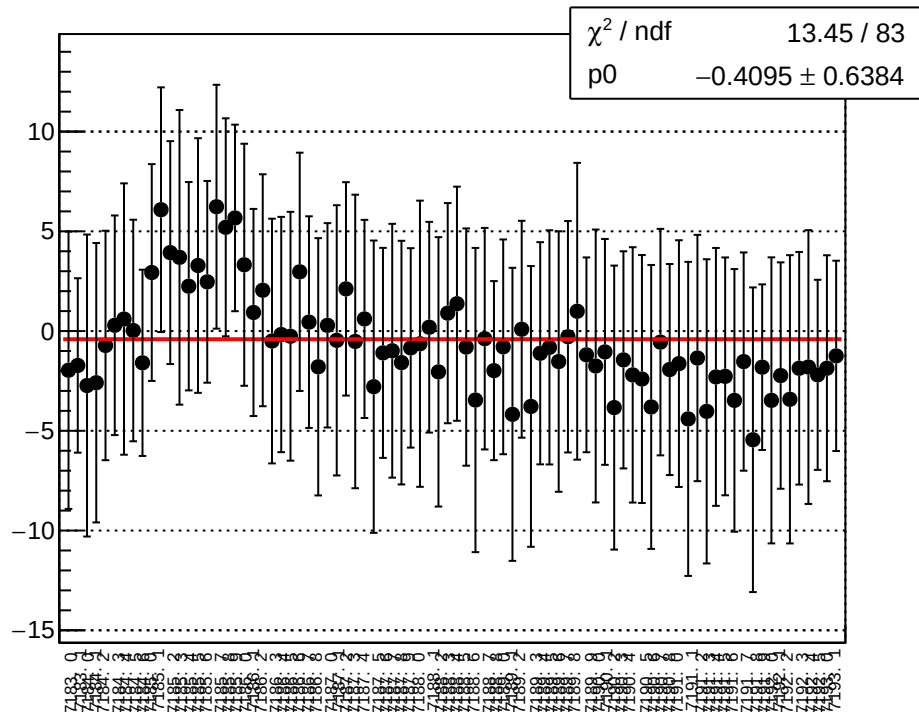
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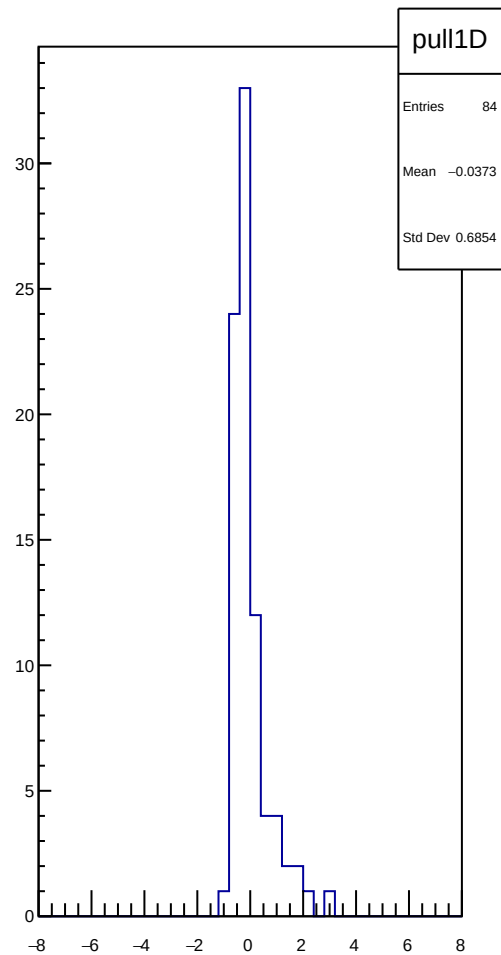
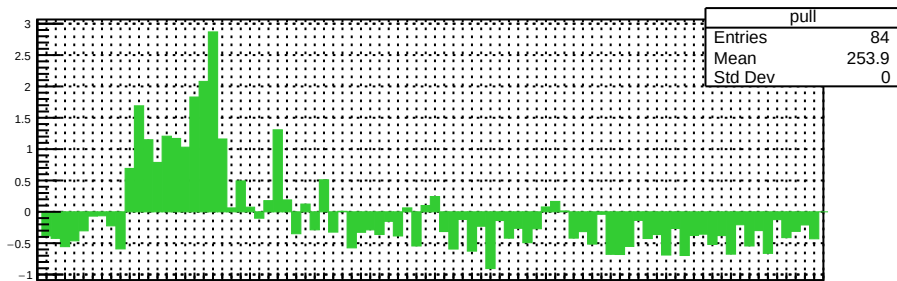
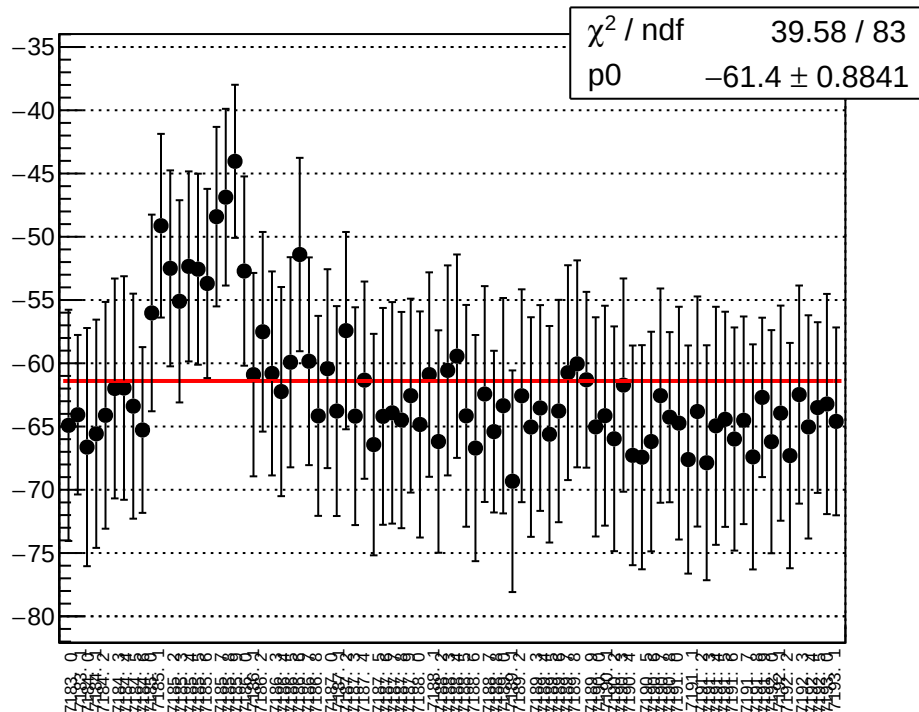
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run



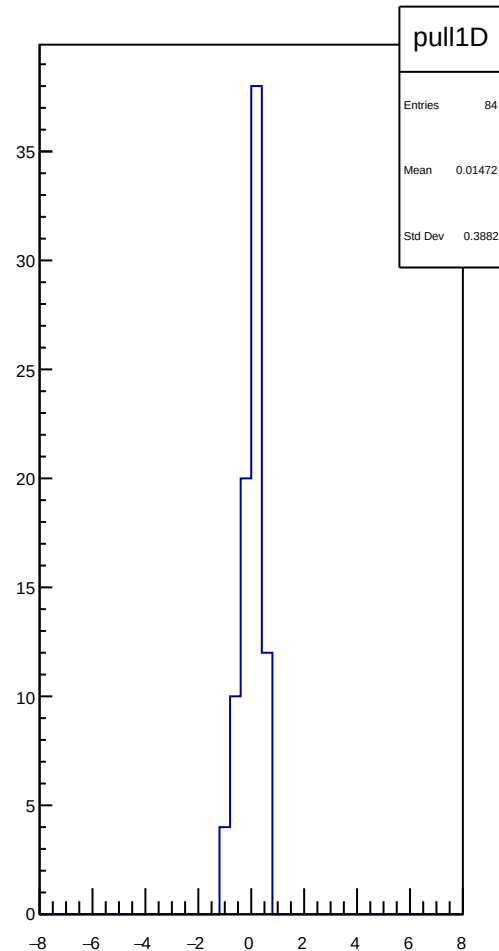
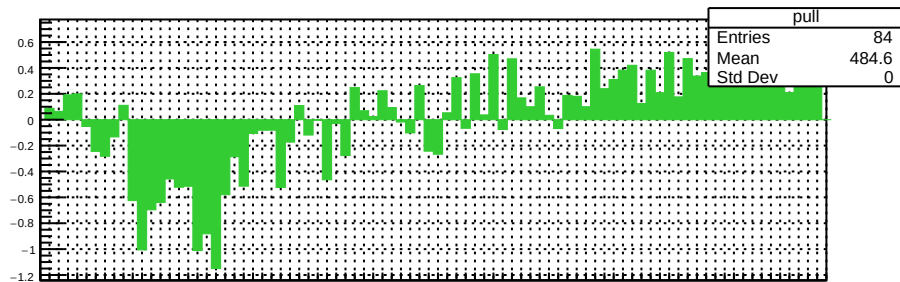
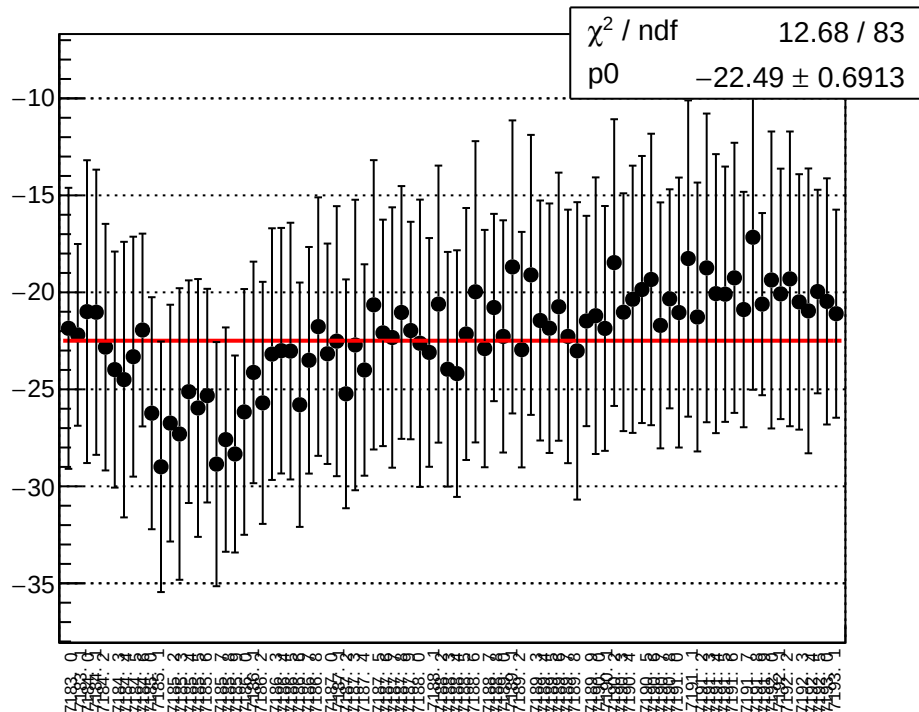
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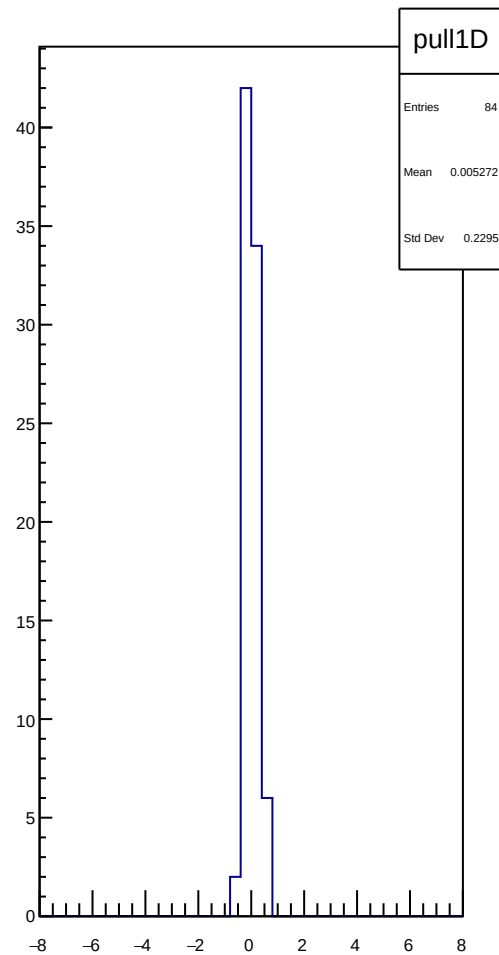
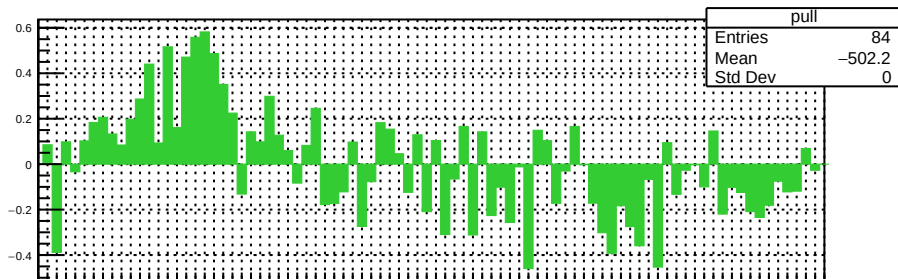
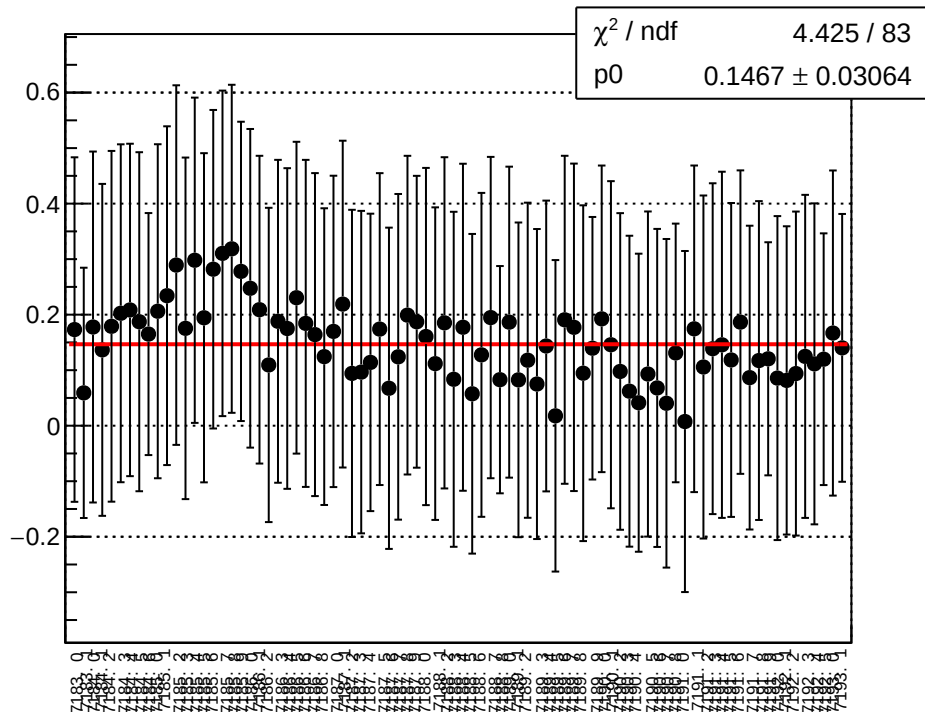
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run



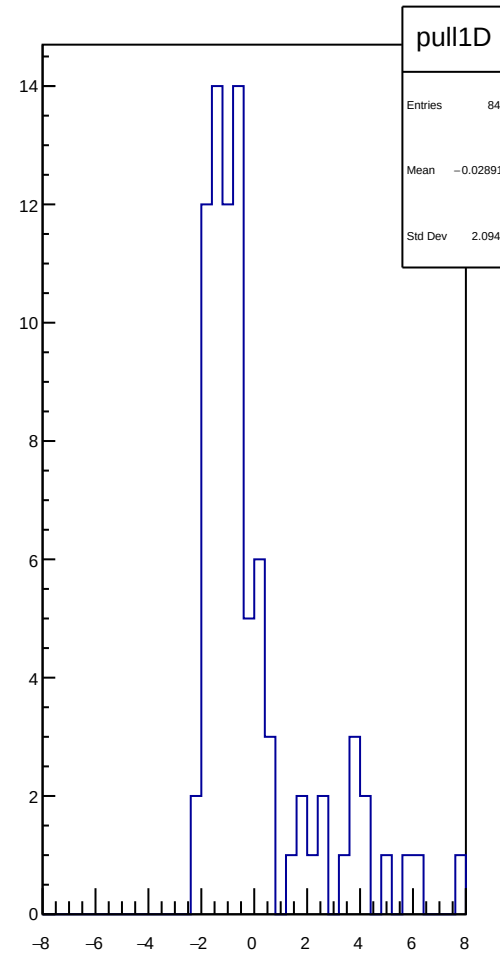
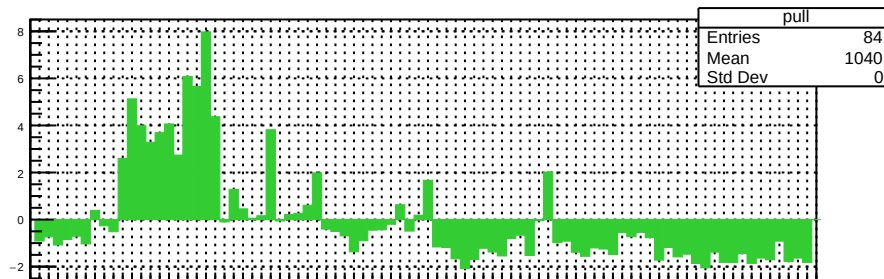
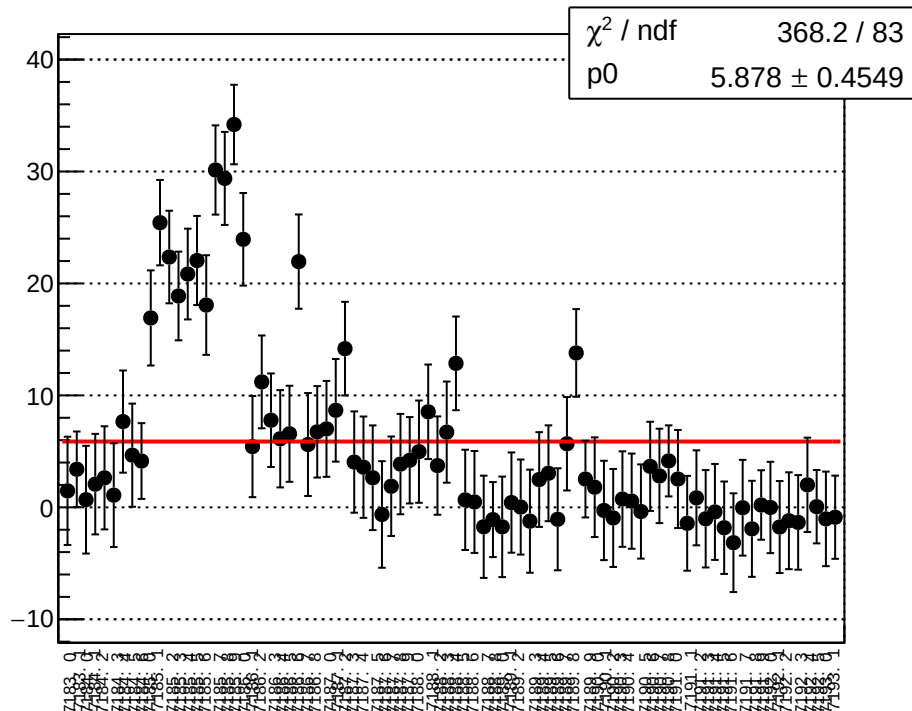
reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run



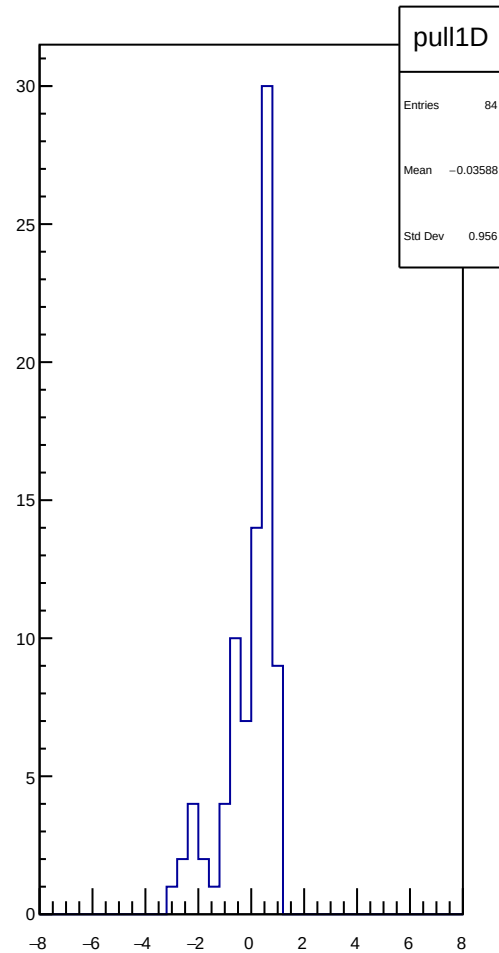
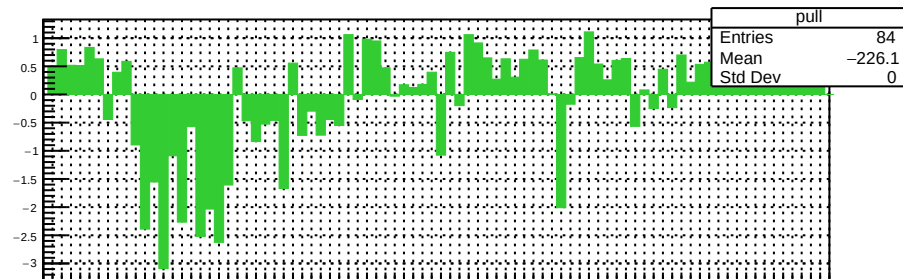
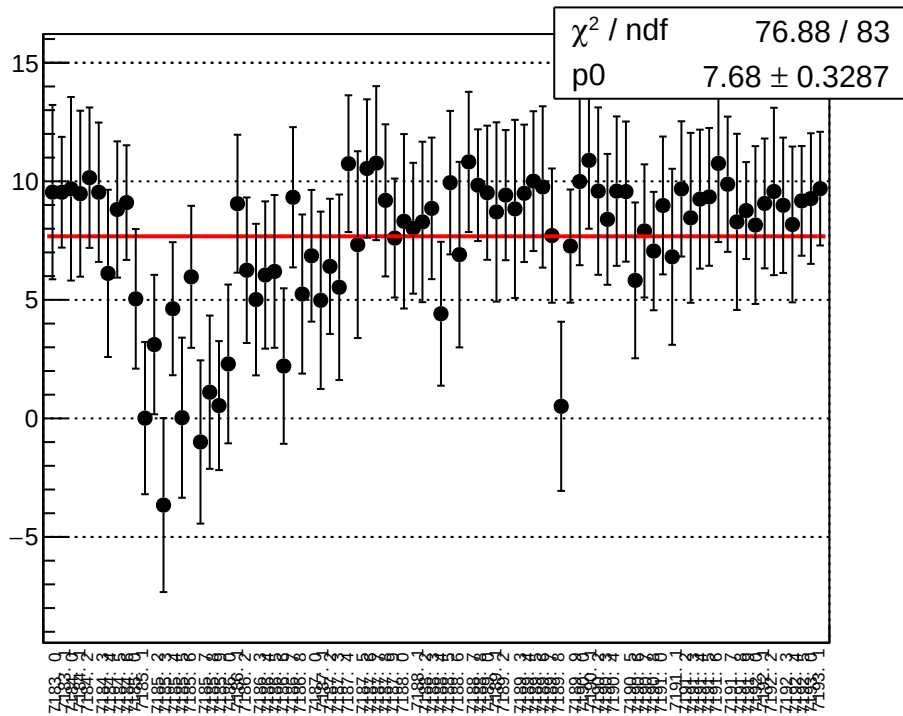
reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run



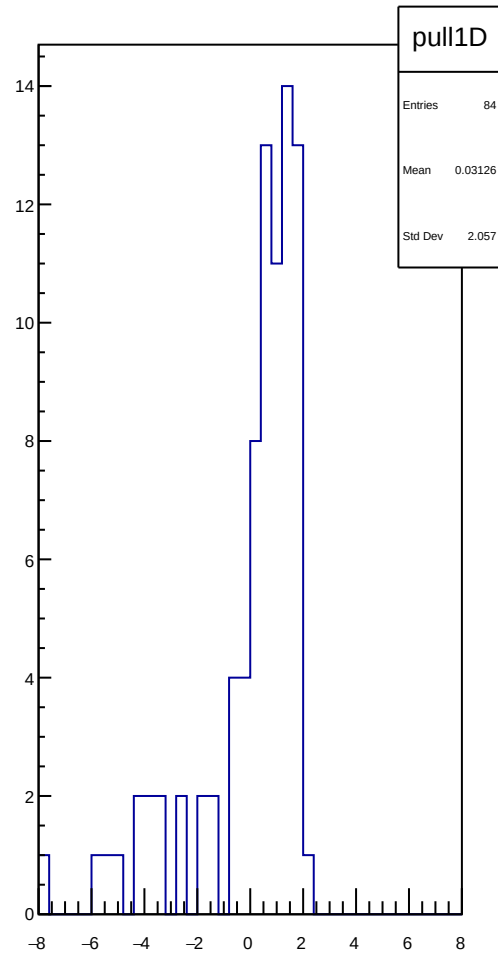
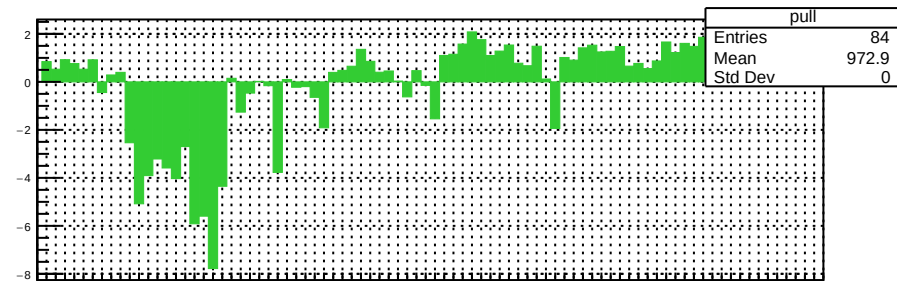
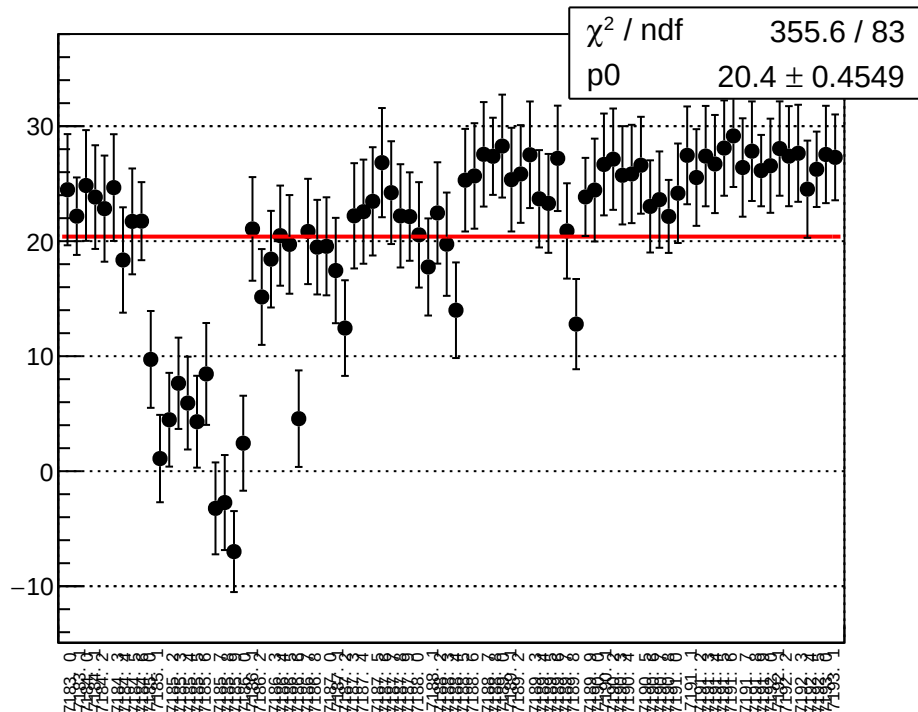
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run



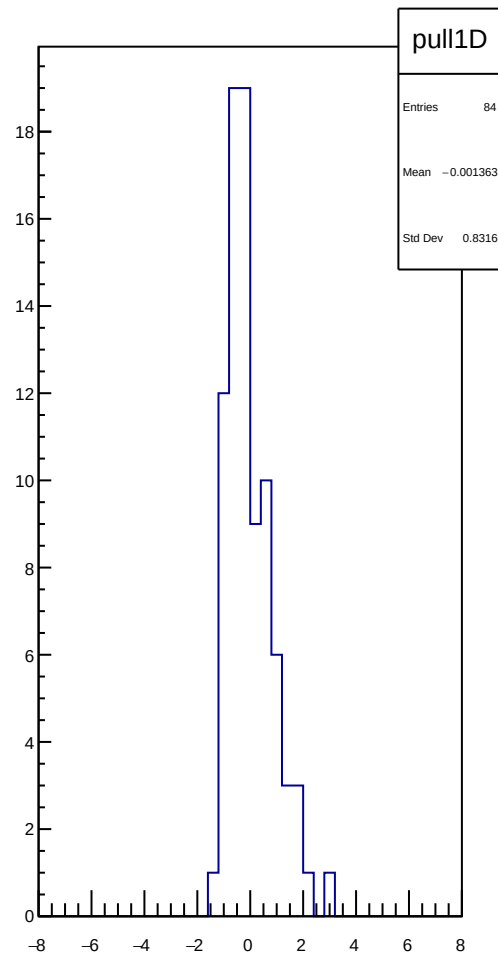
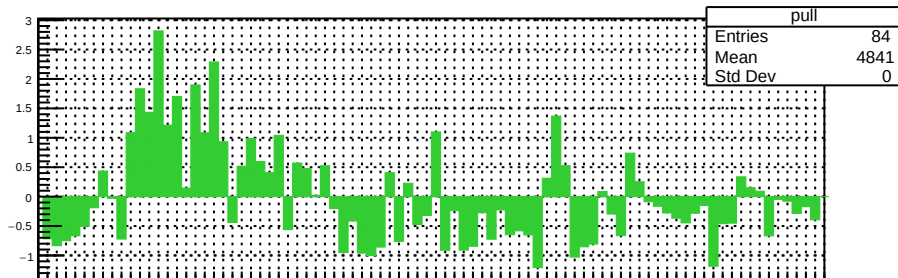
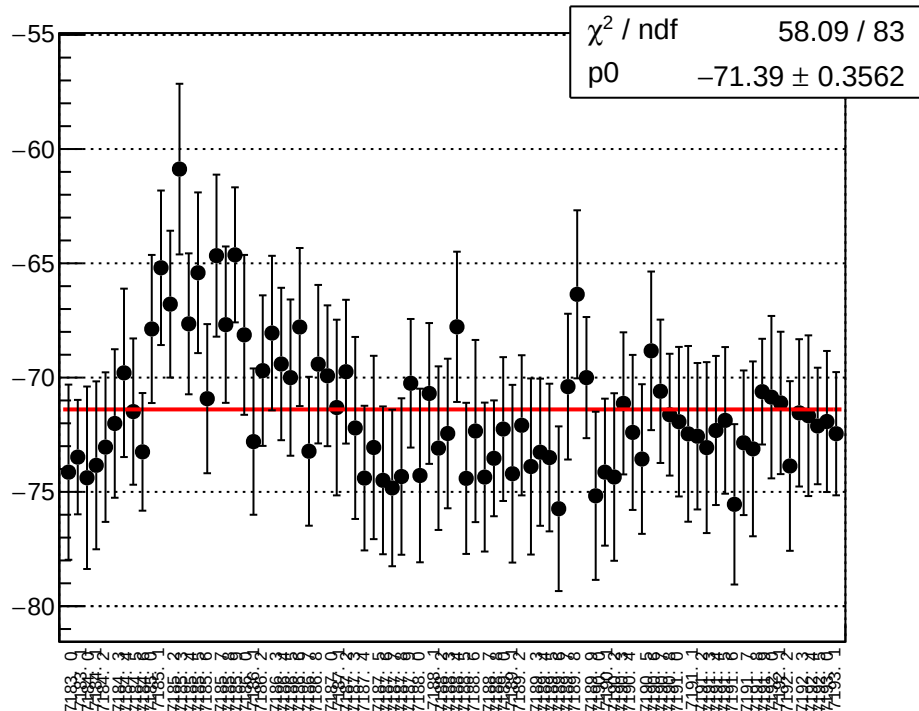
reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run



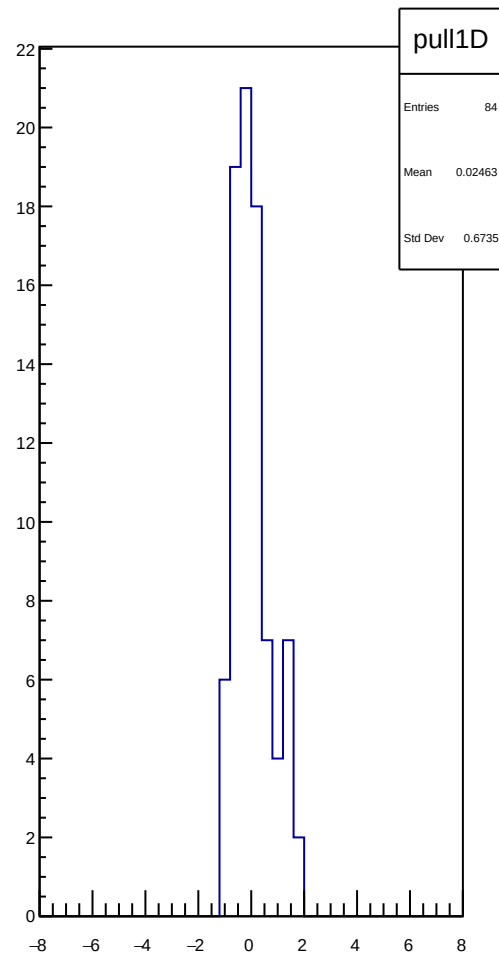
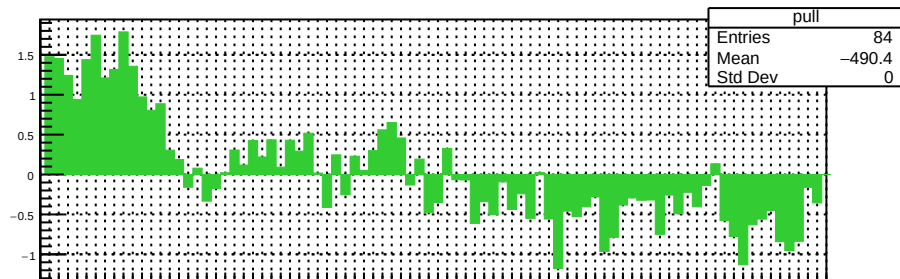
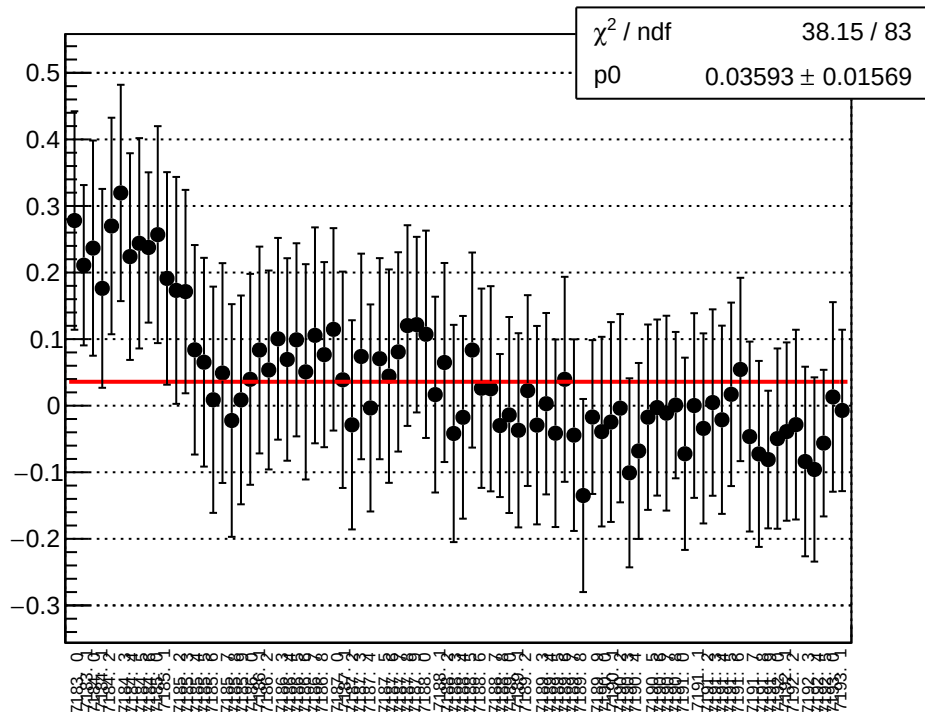
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run



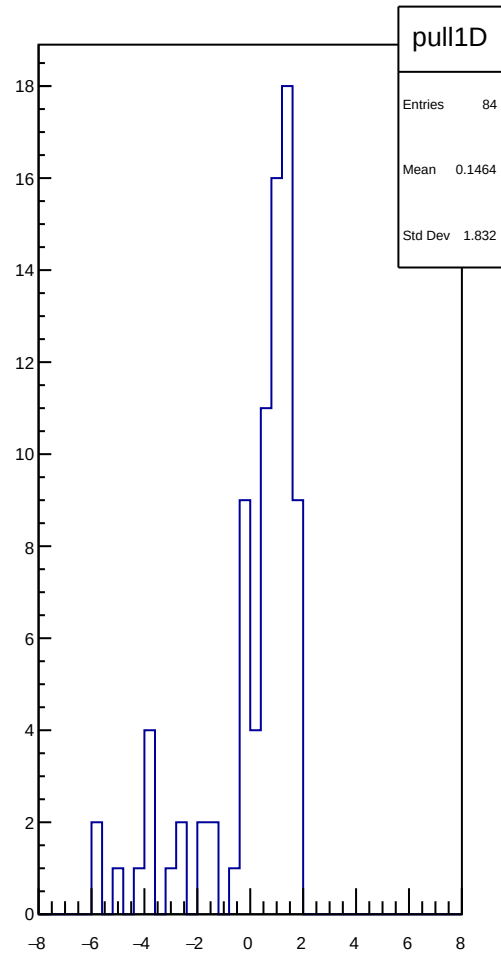
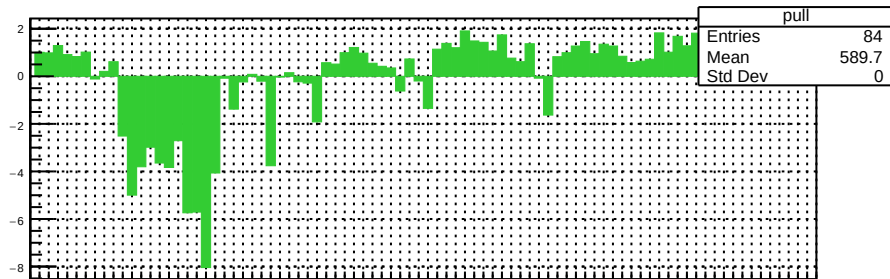
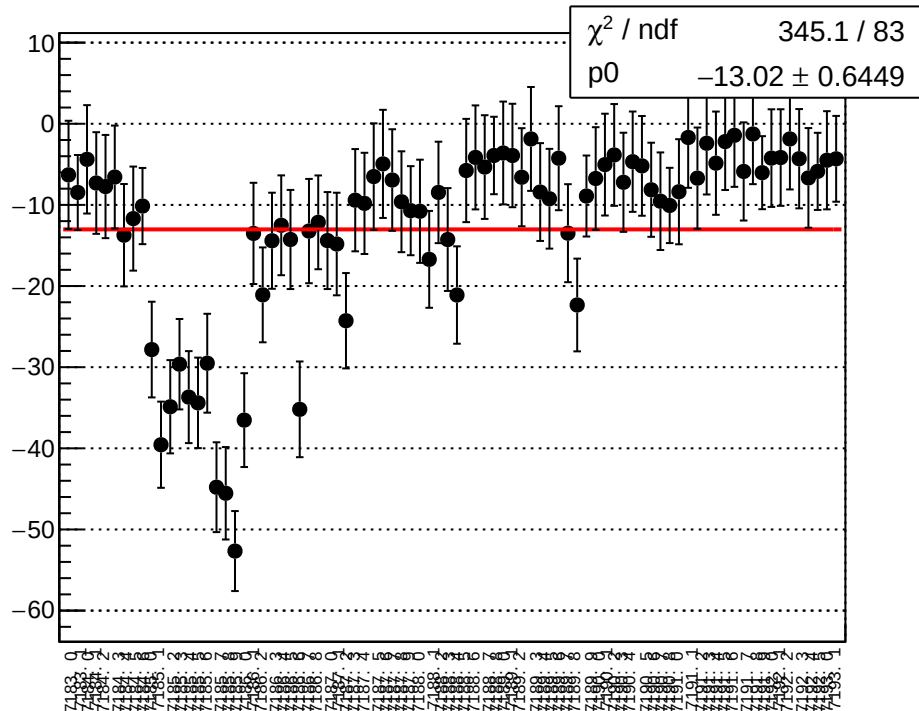
reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run



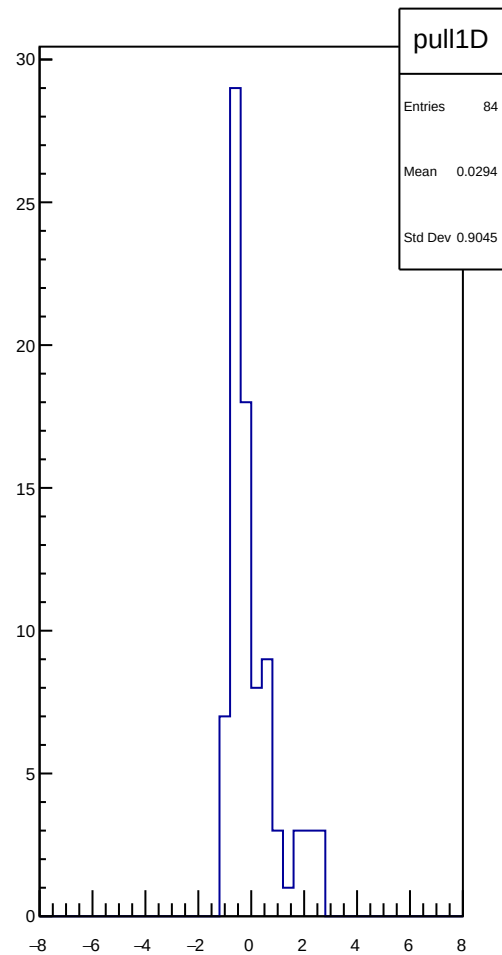
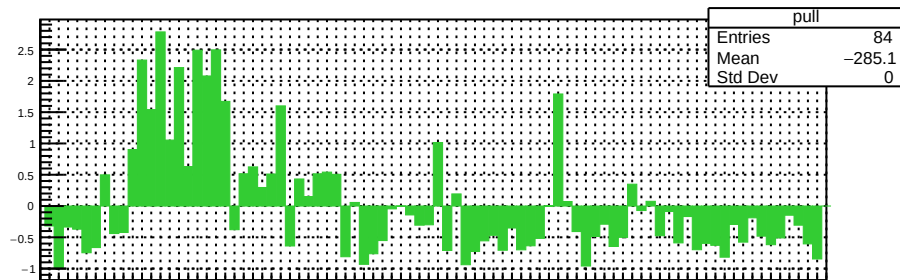
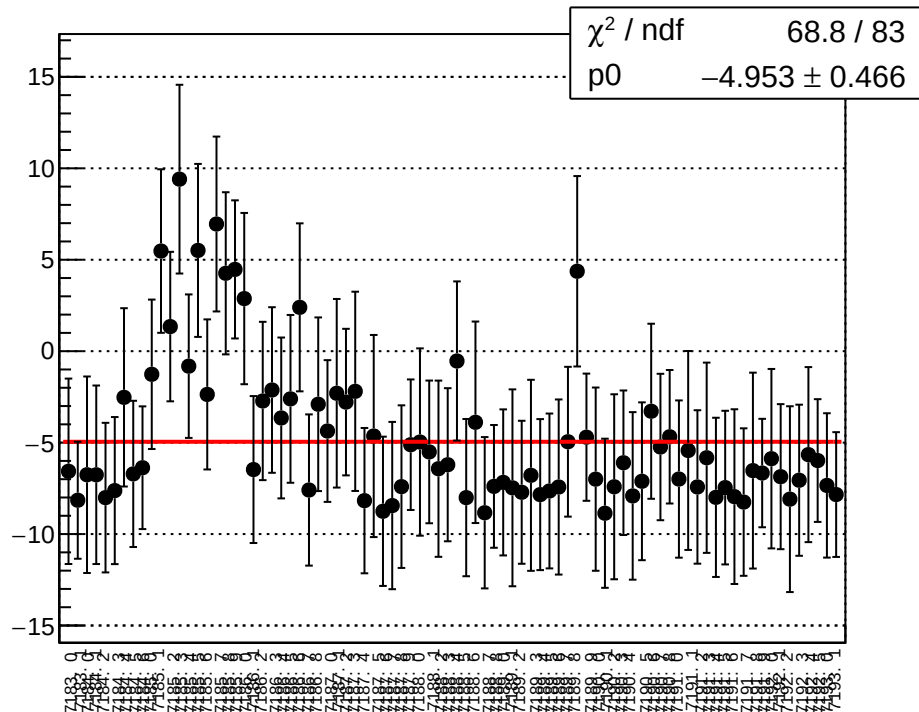
reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run



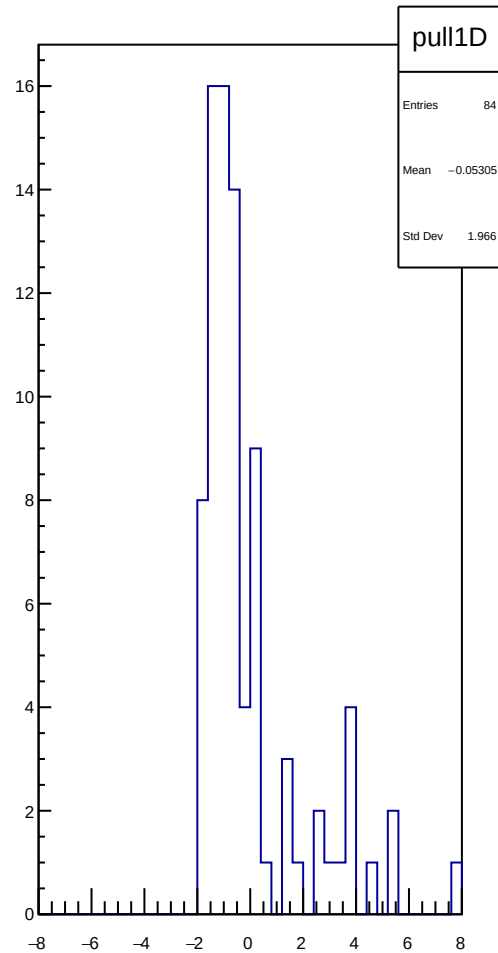
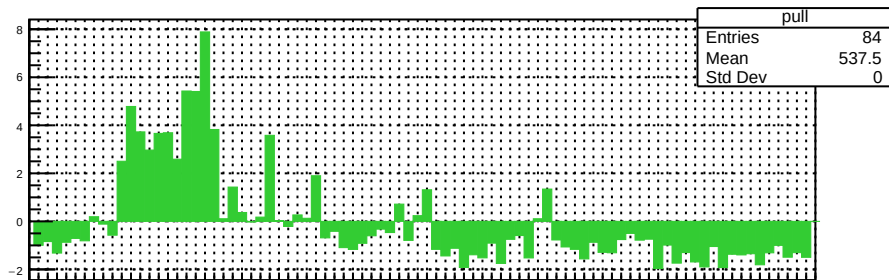
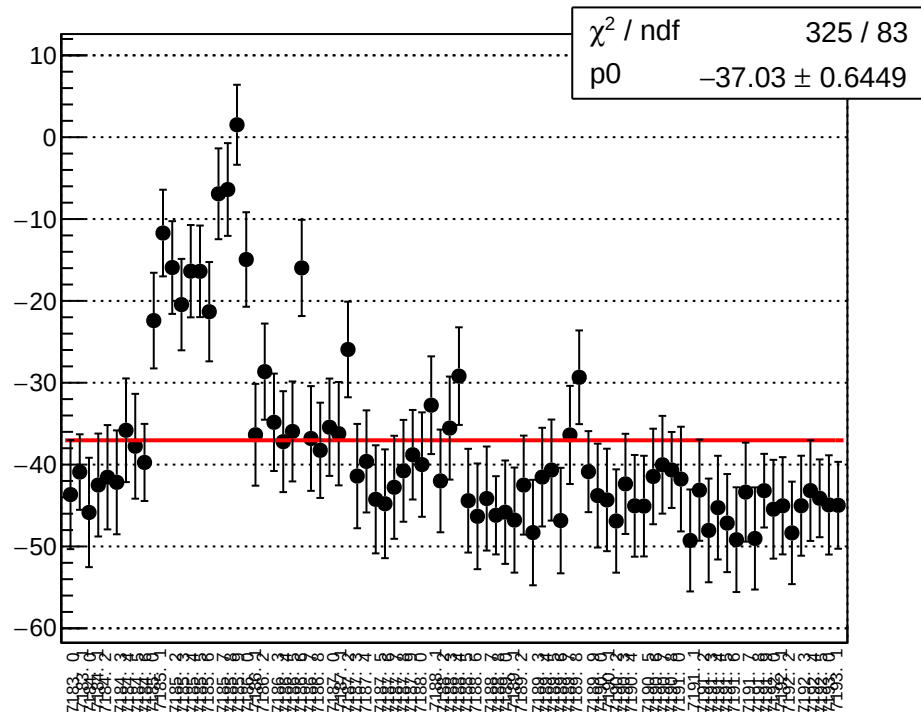
reg_asym_sam_1548_avg_diff_bpm1X_slope vs run



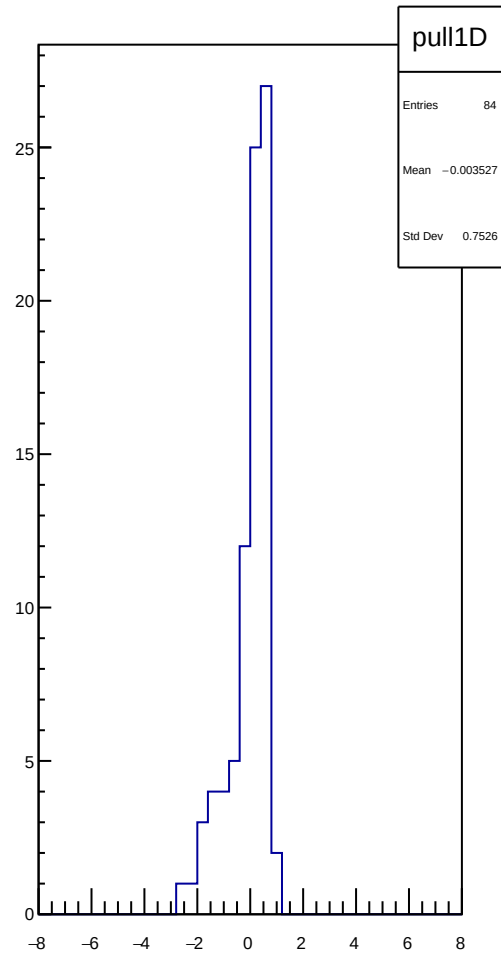
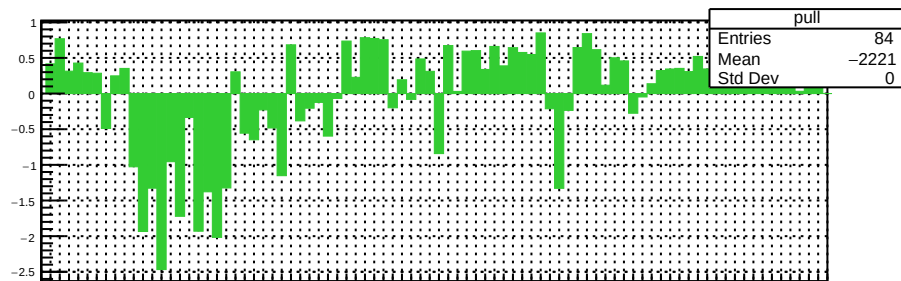
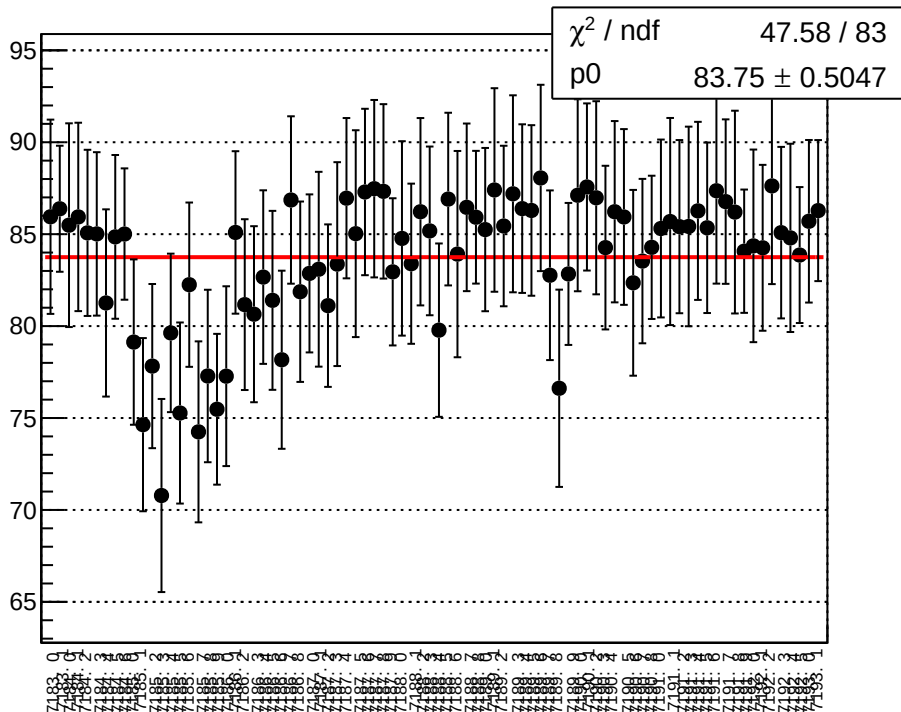
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run



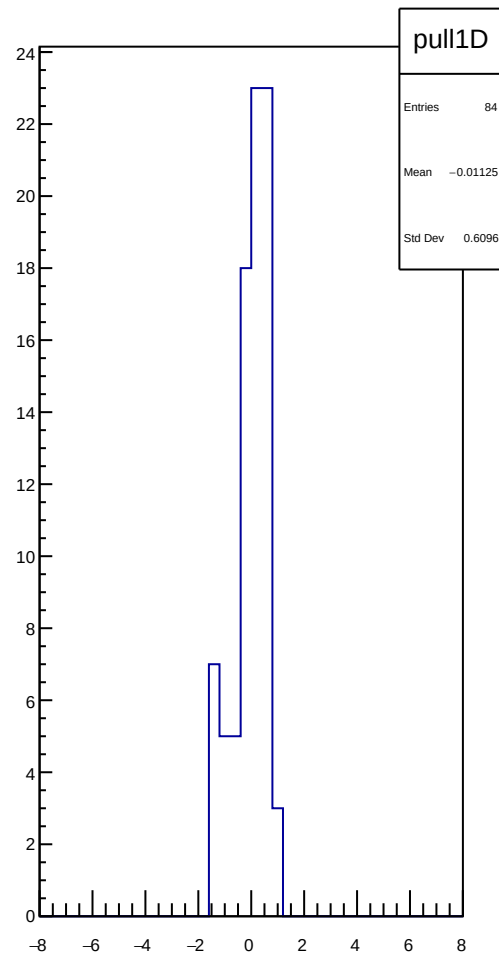
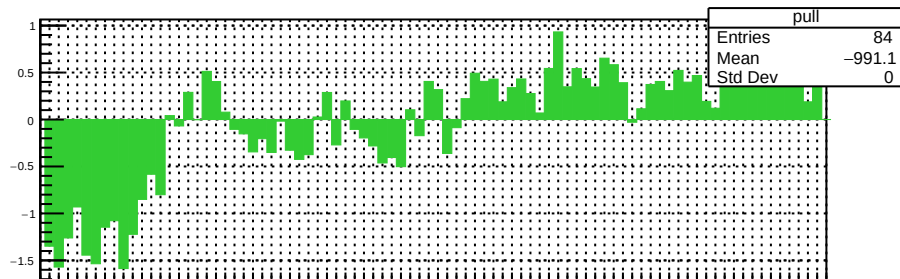
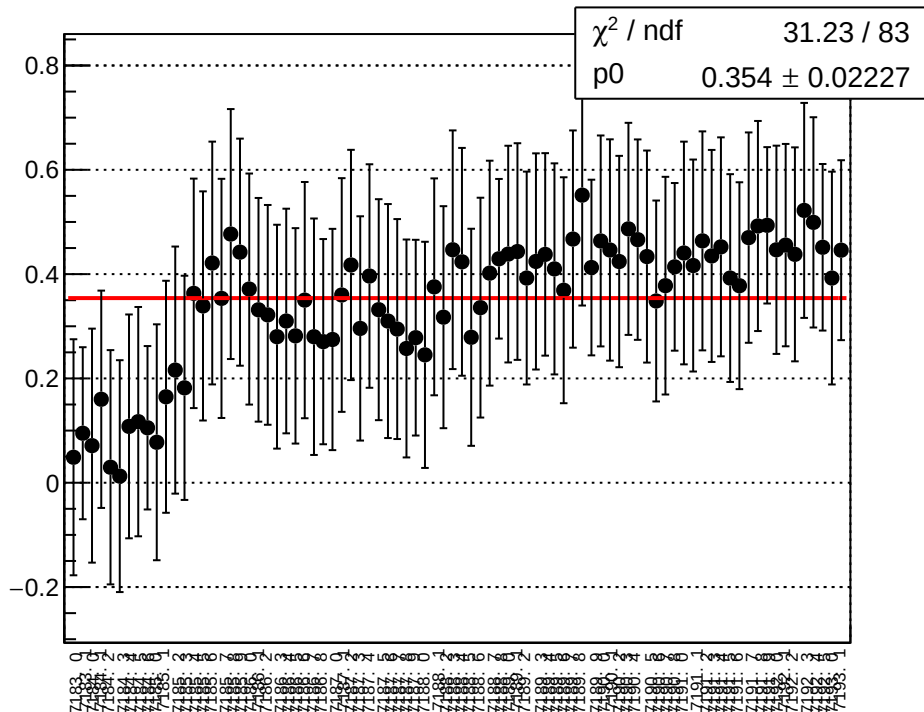
reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run



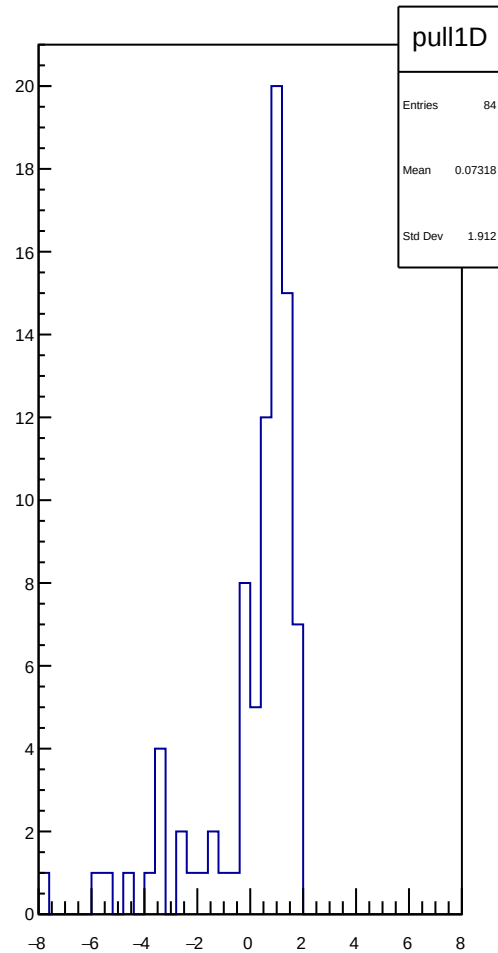
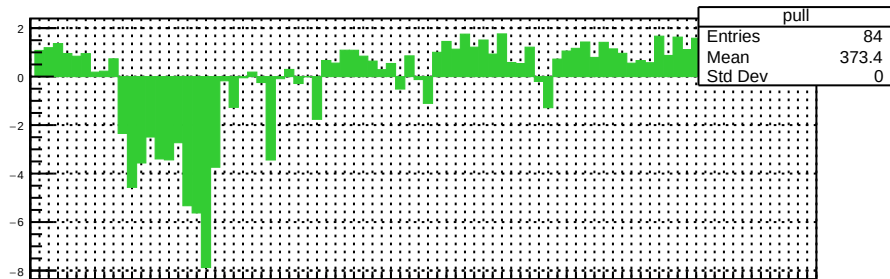
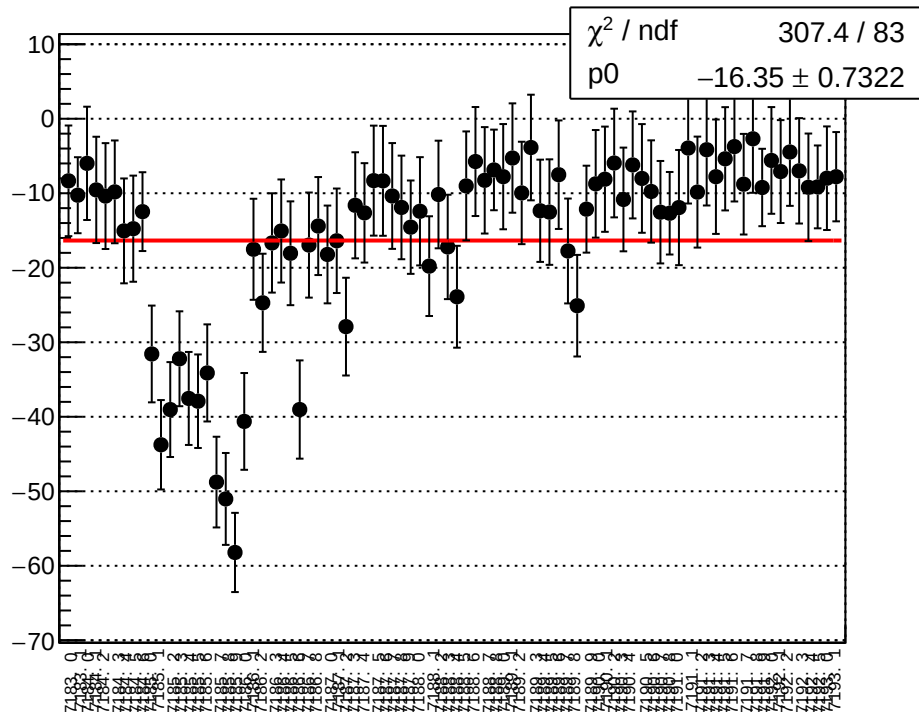
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run



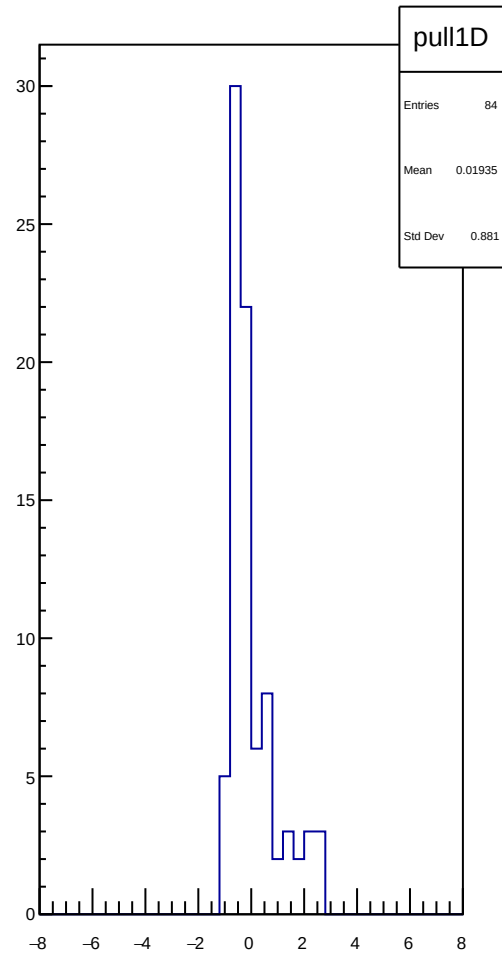
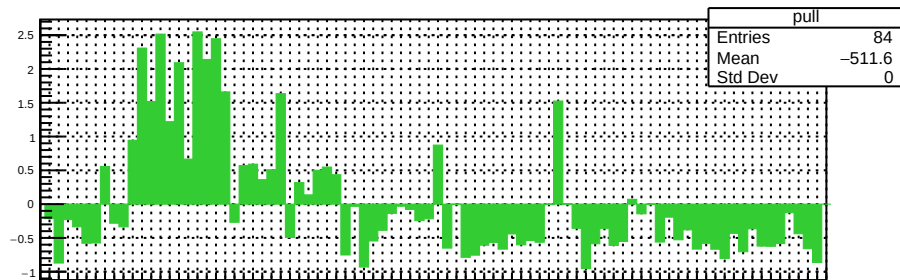
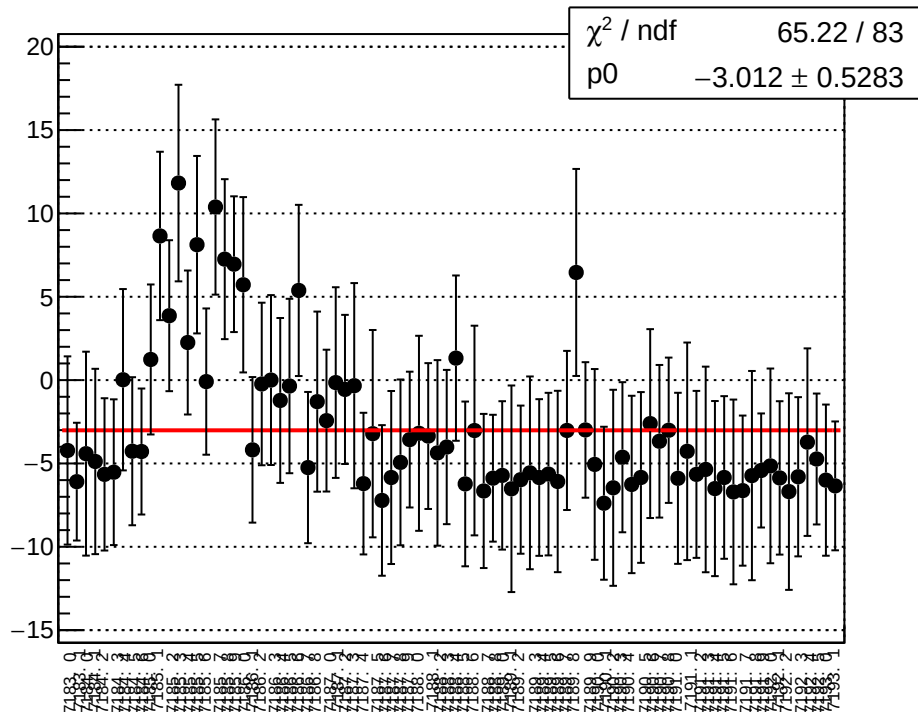
reg_asym_sam_1548_avg_diff_bpm12X_slope vs run



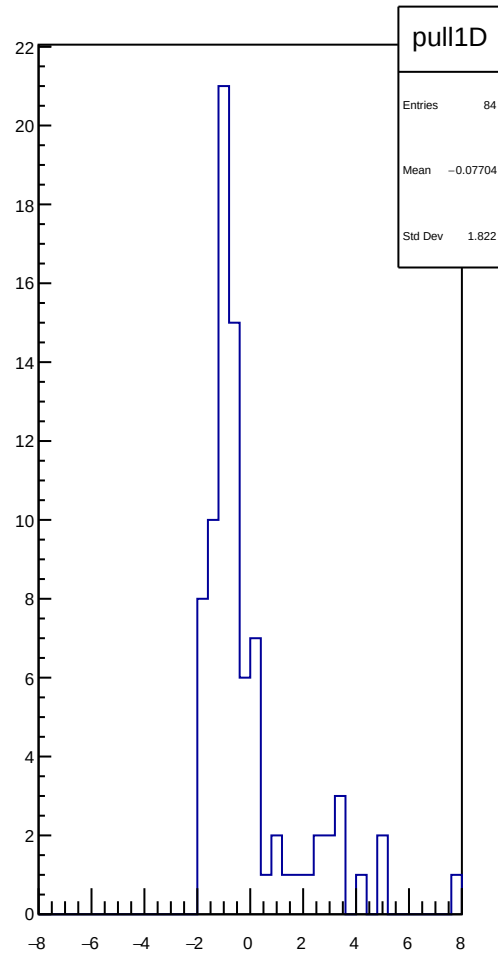
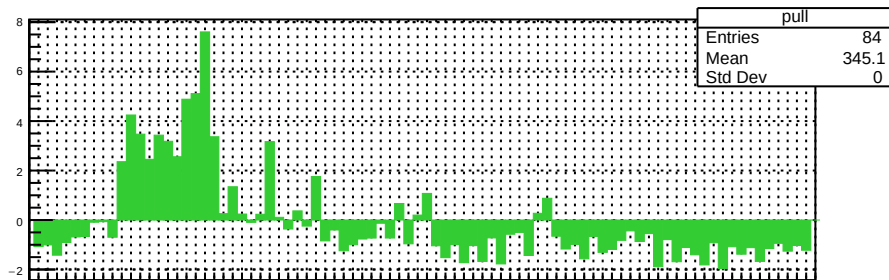
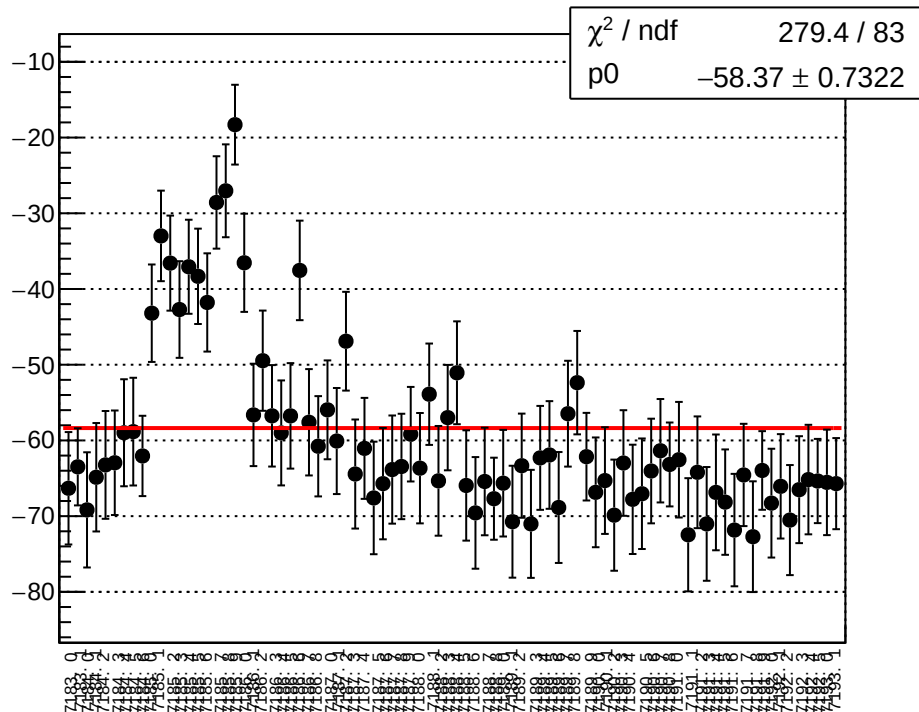
reg_asym_sam_3748_avg_diff_bpm1X_slope vs run



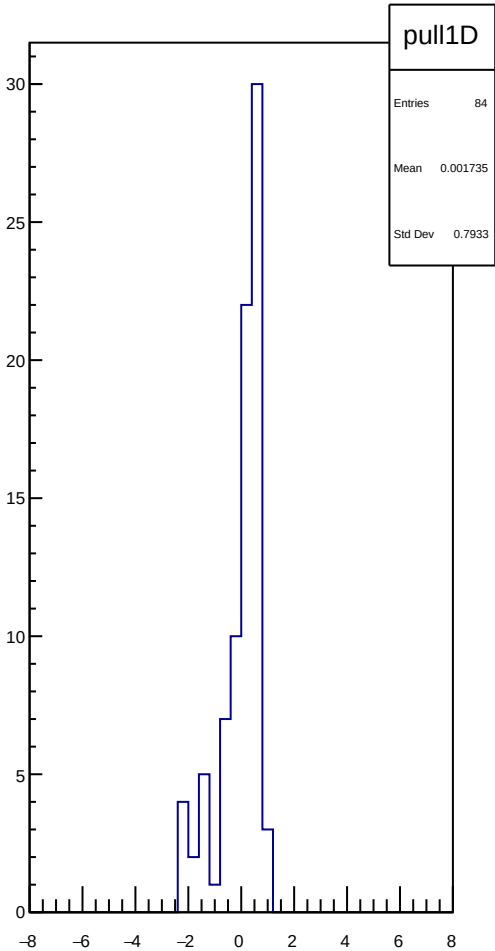
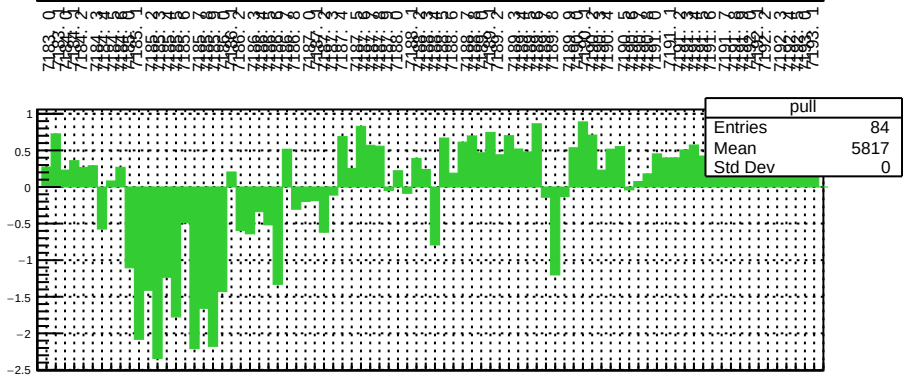
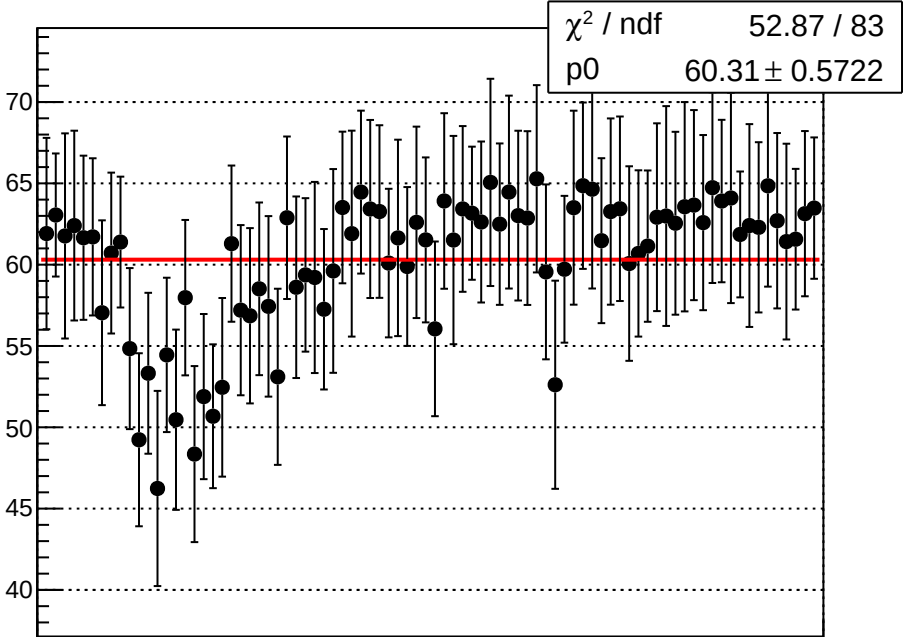
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run



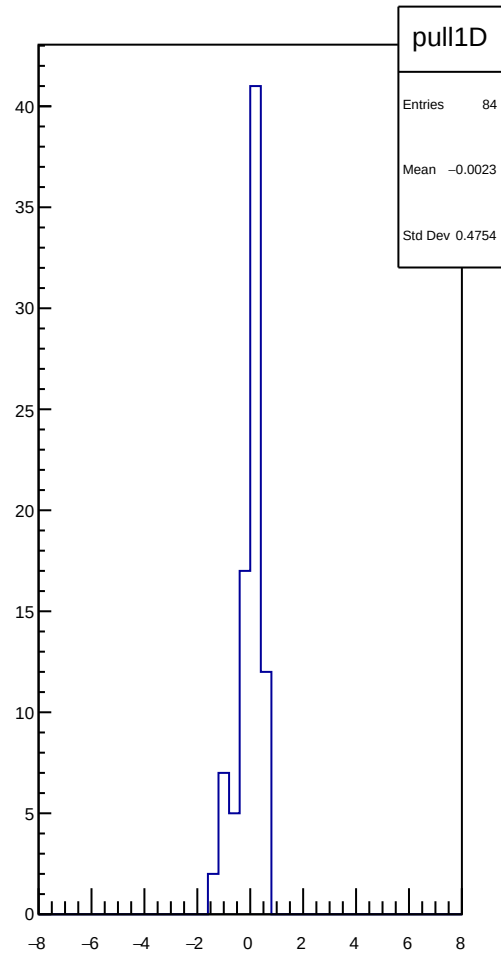
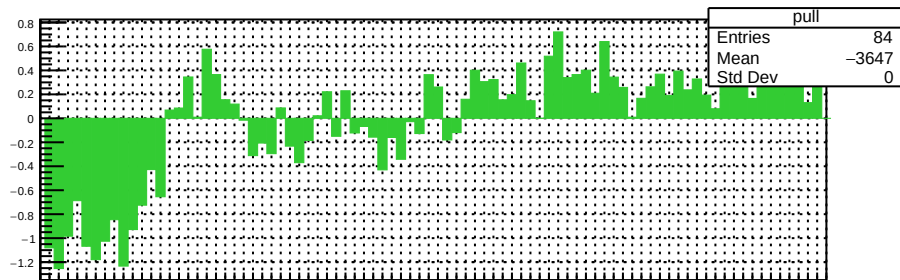
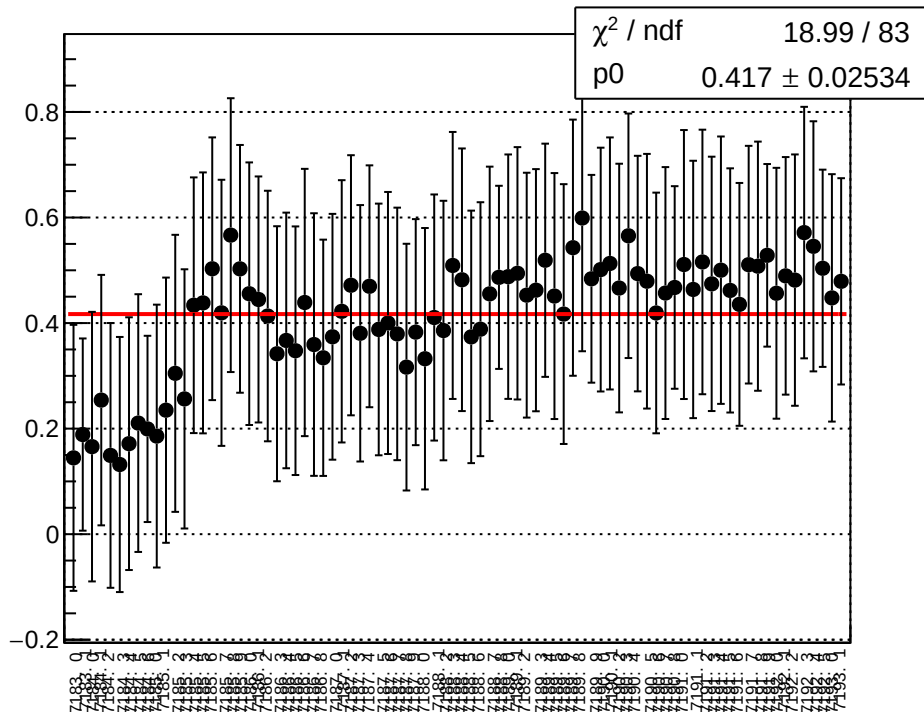
reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run



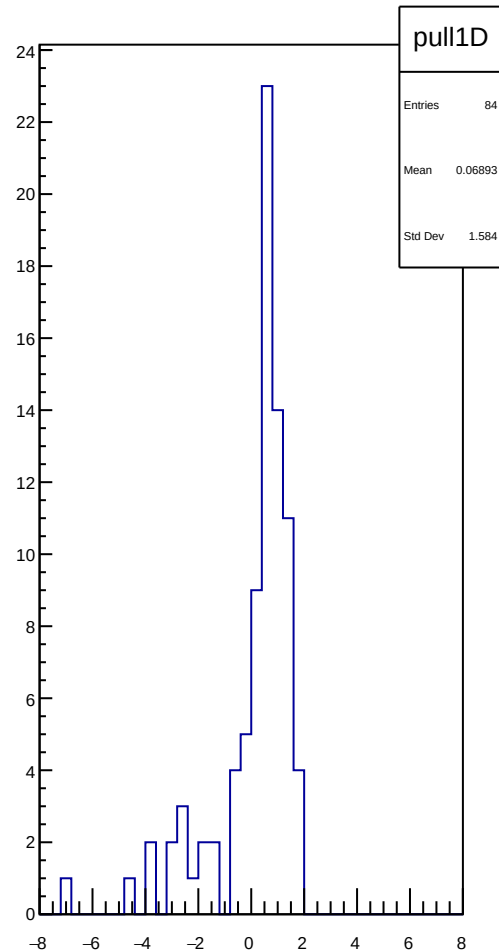
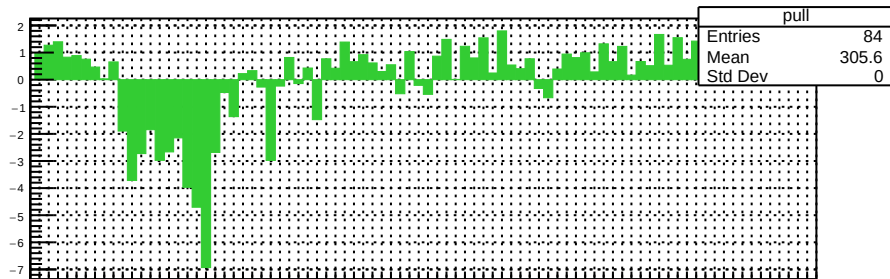
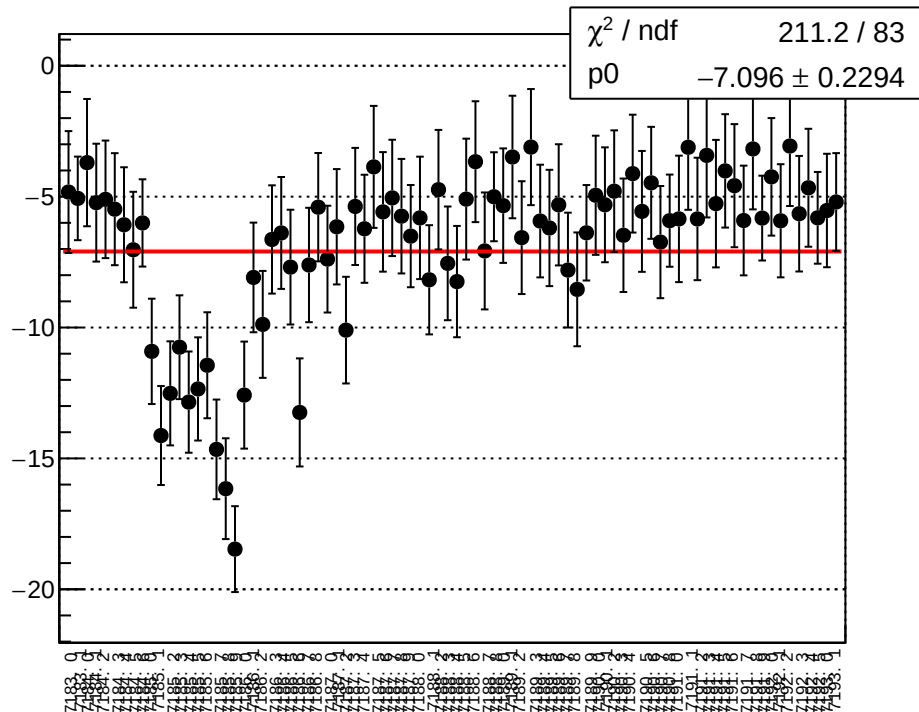
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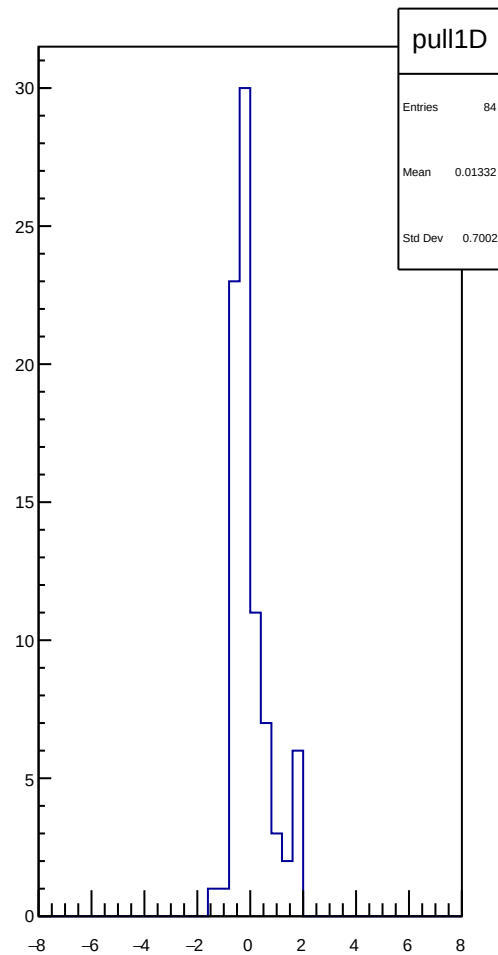
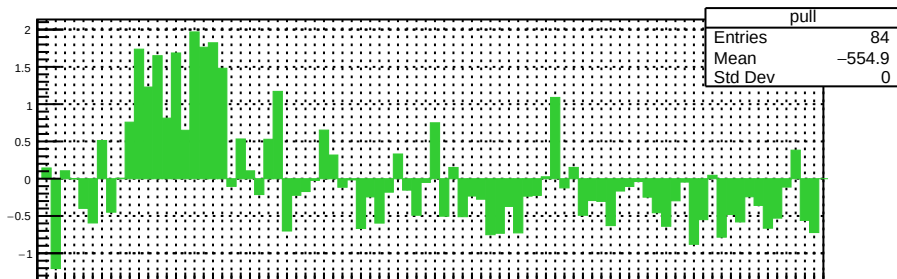
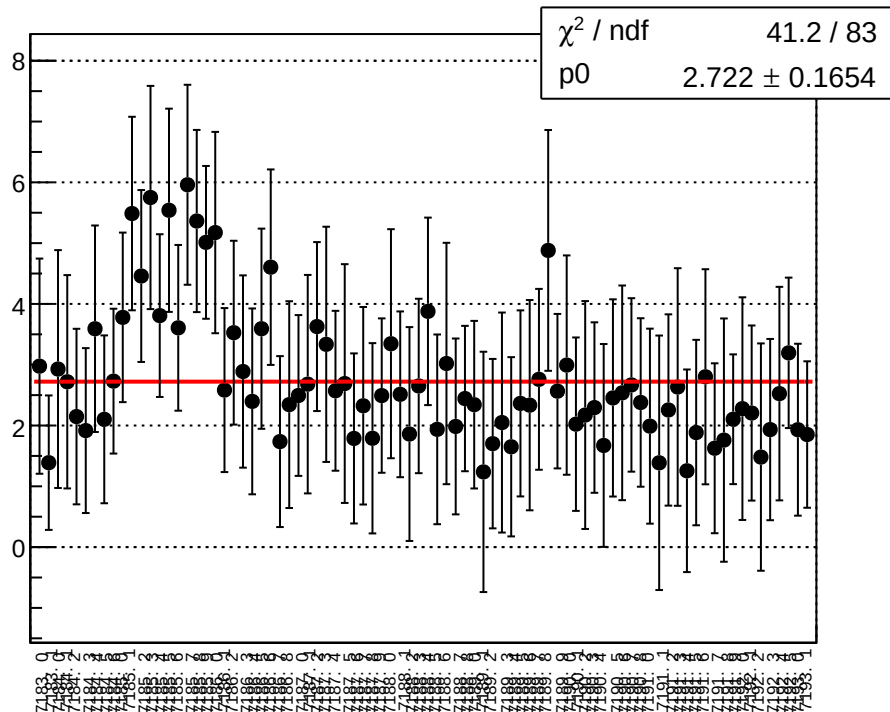
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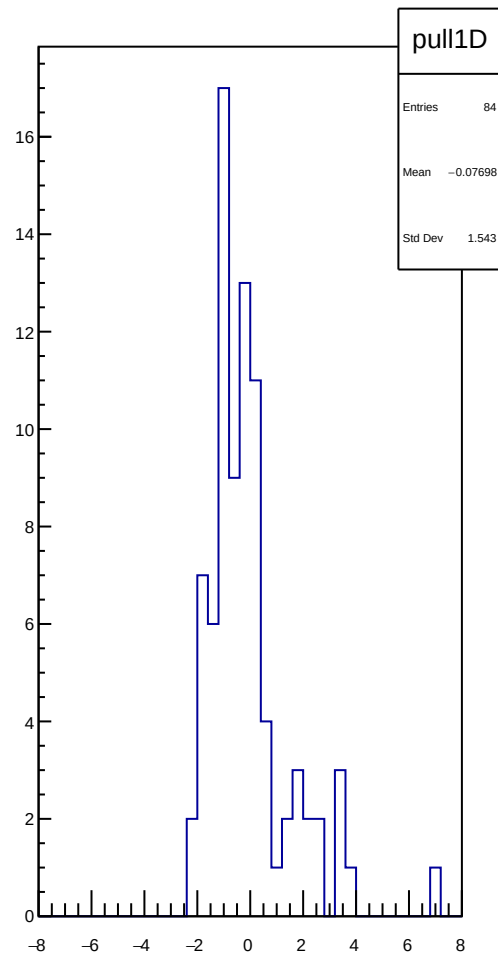
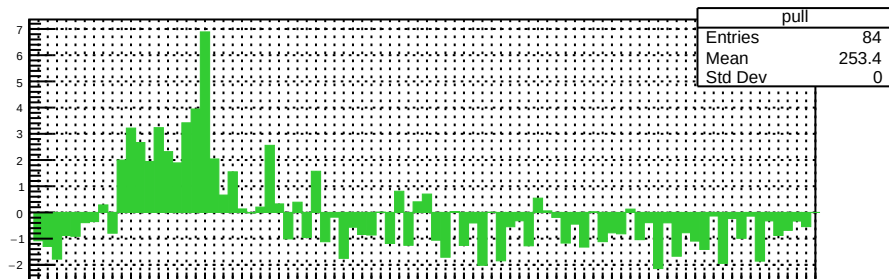
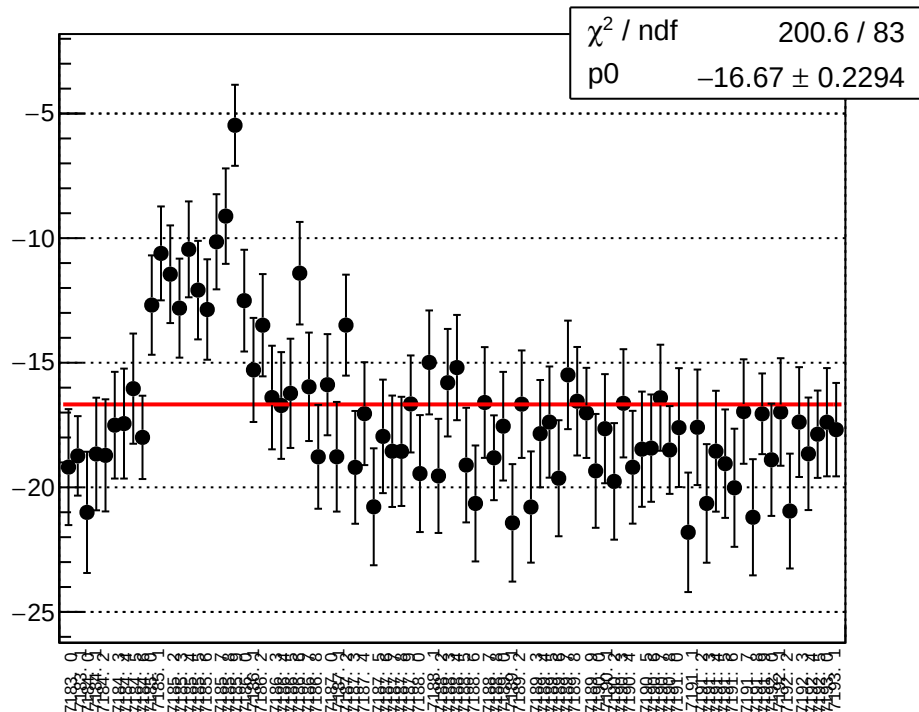
reg_asym_sam_1526_avg_diff_bpm1X_slope vs run



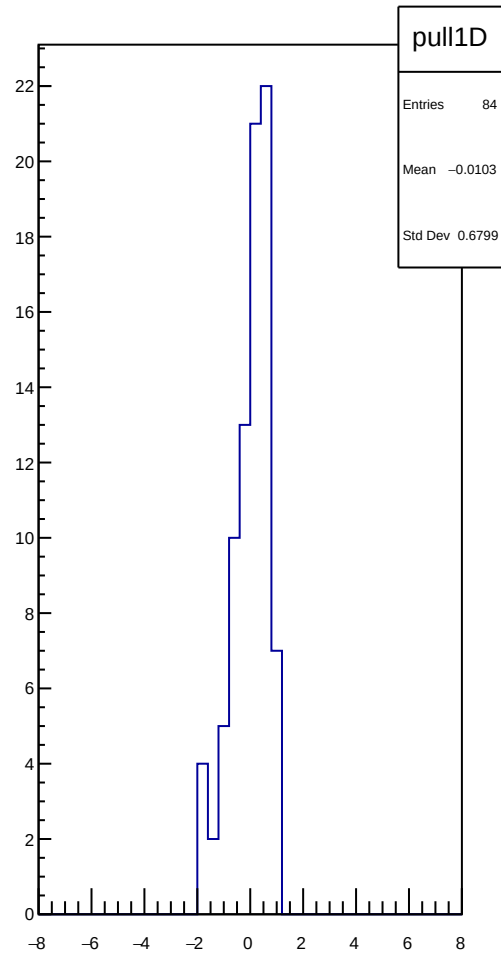
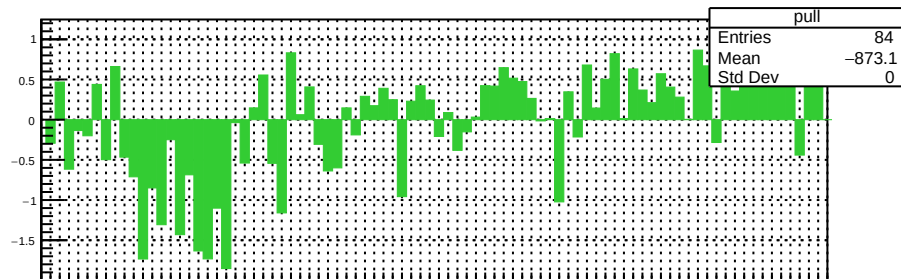
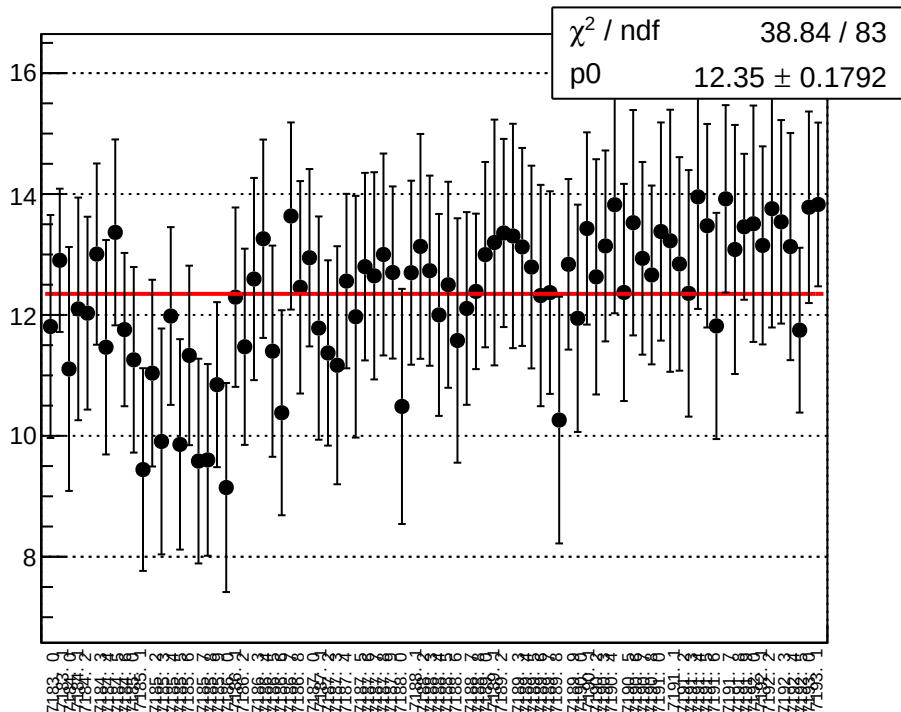
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run



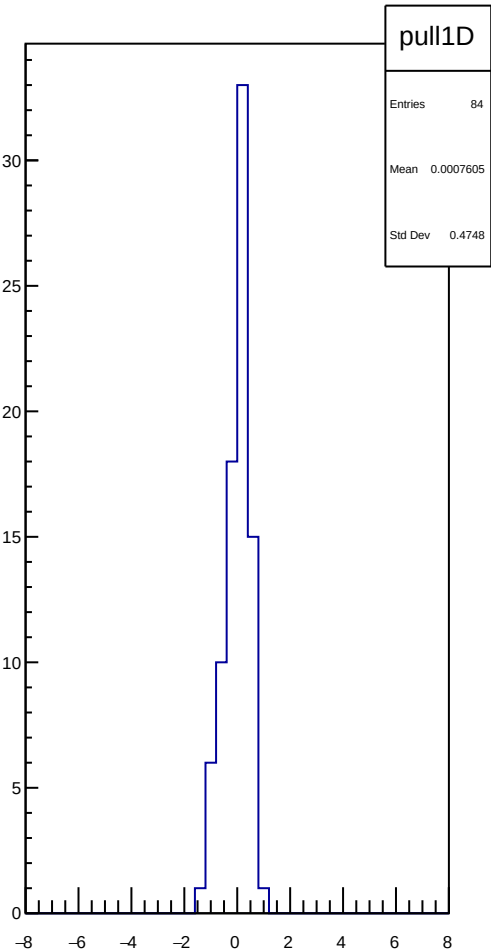
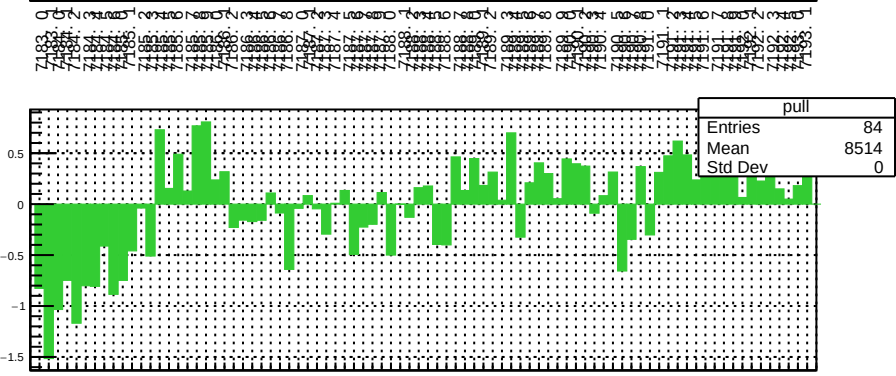
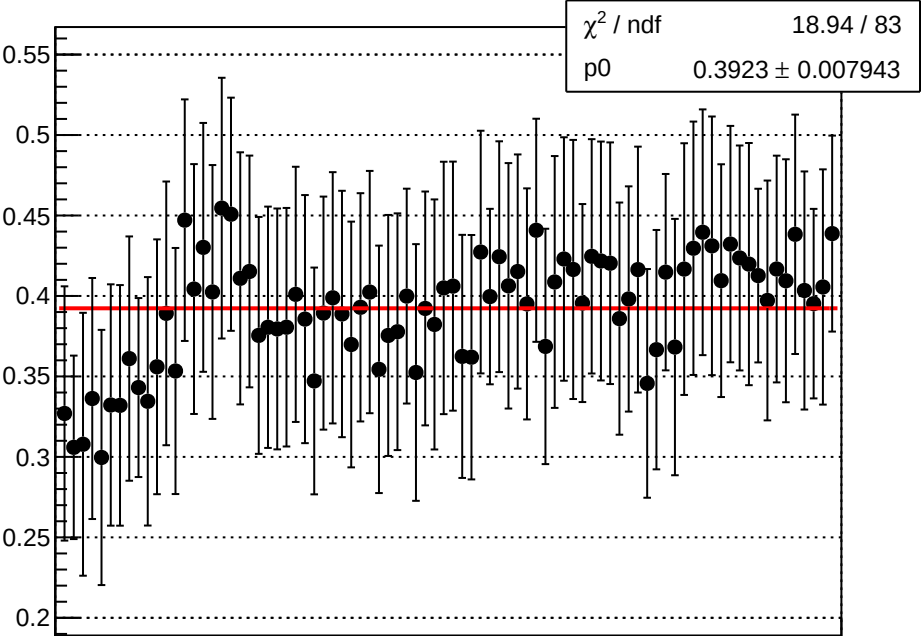
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run



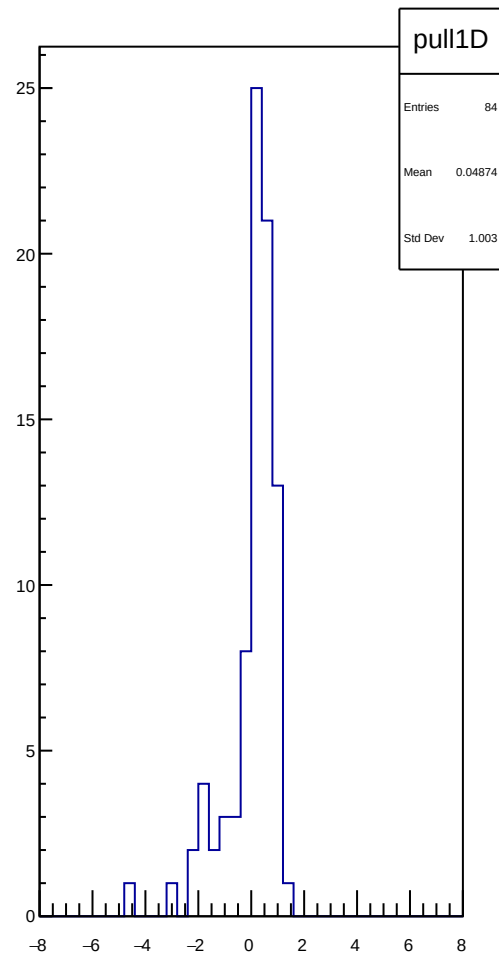
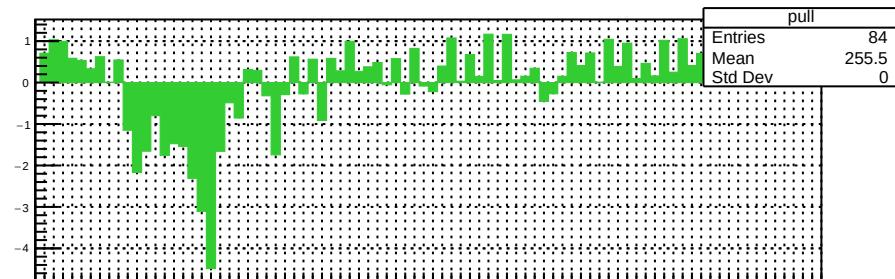
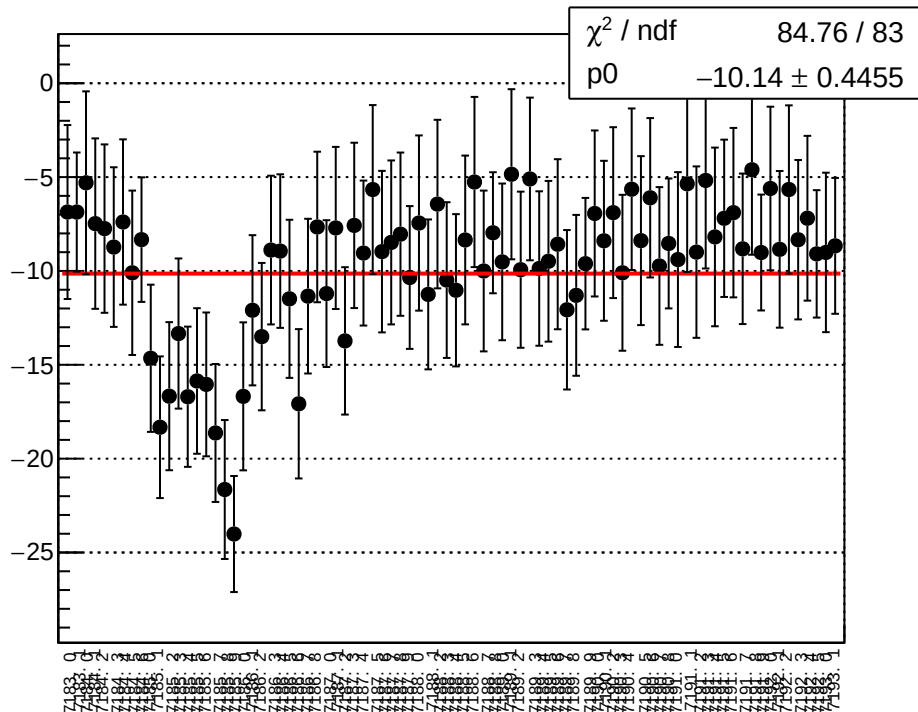
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run



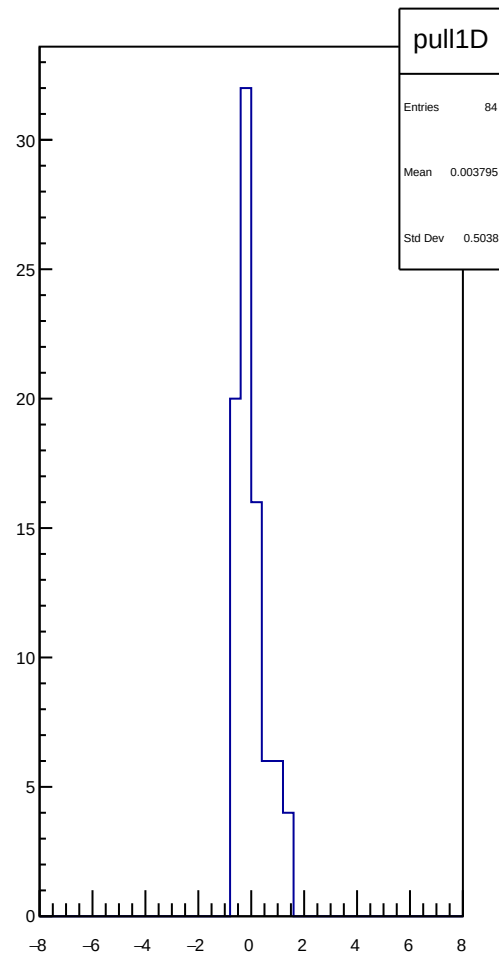
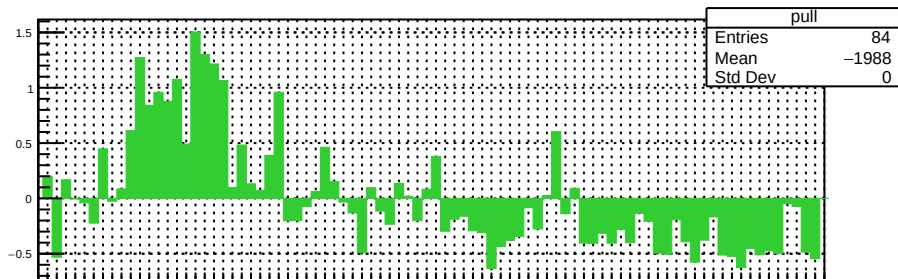
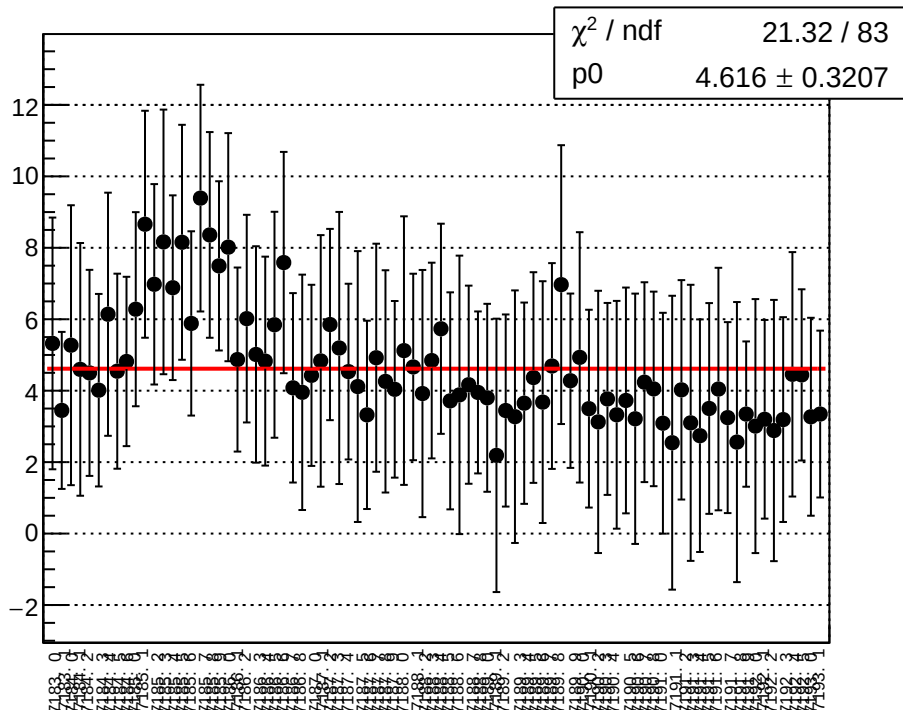
reg_asym_sam_1526_avg_diff_bpm12X_slope vs run



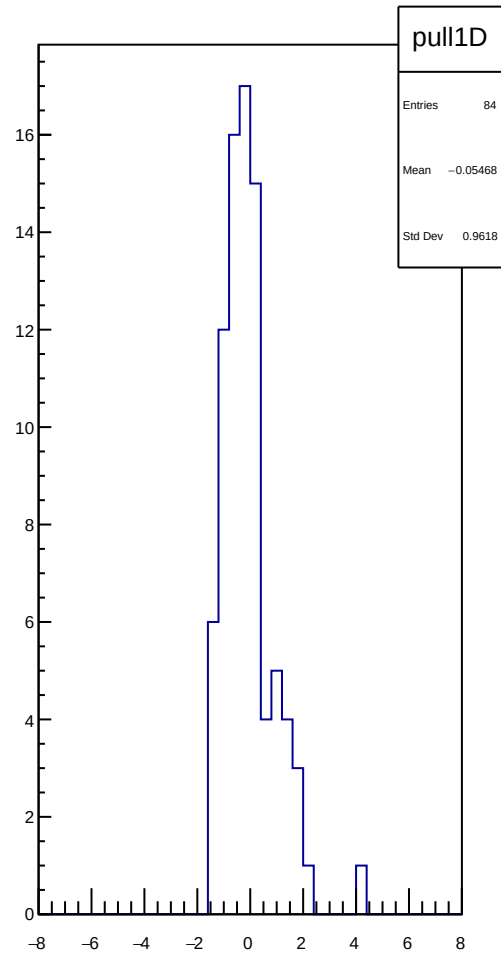
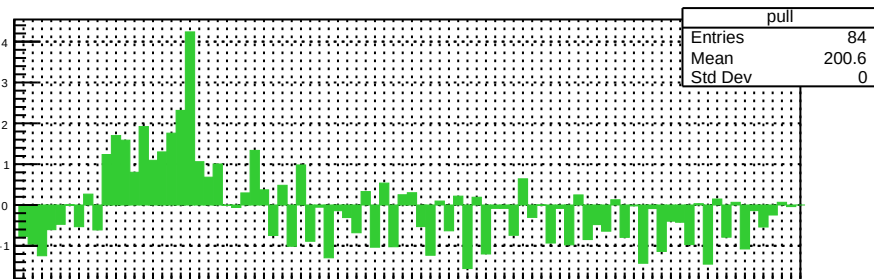
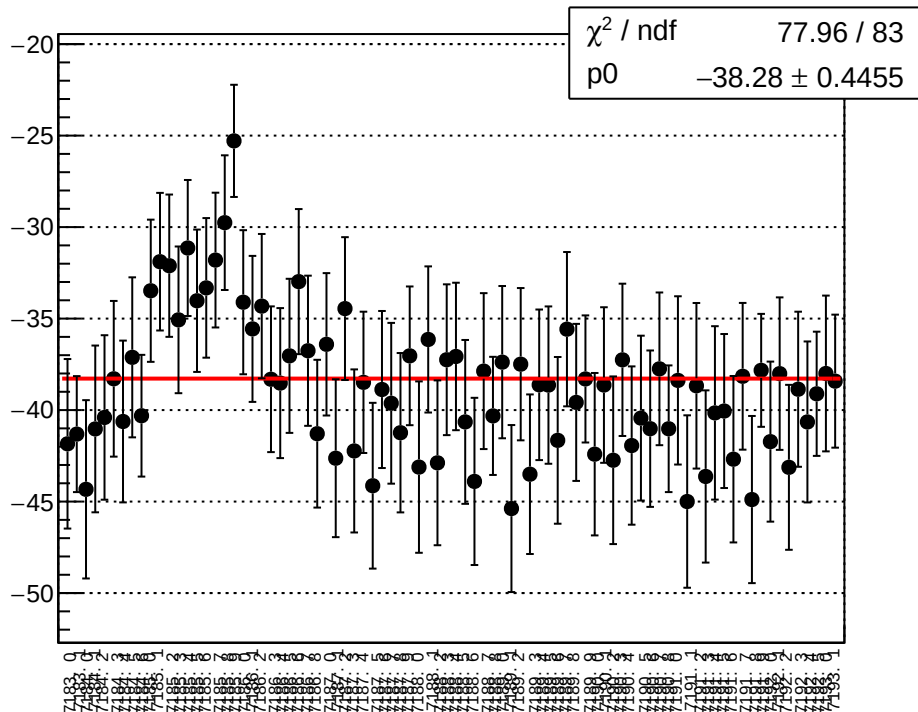
reg_asym_sam_3726_avg_diff_bpm1X_slope vs run



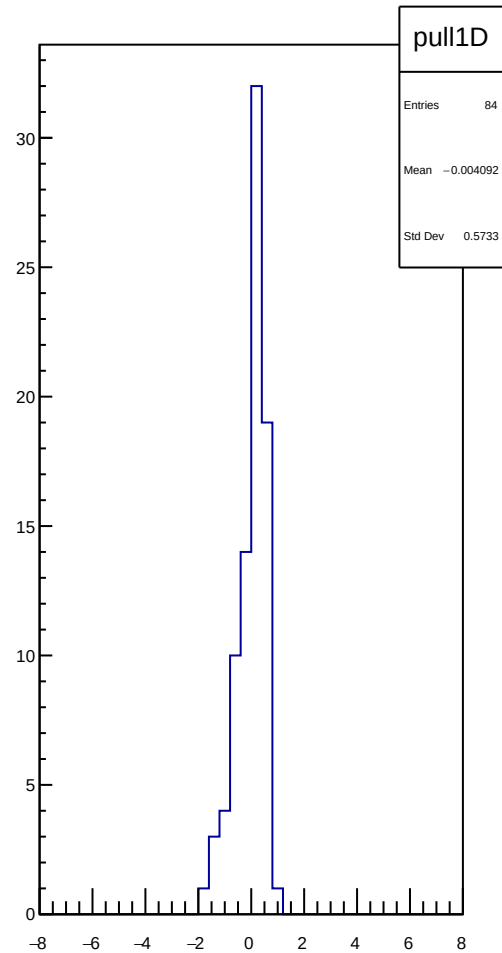
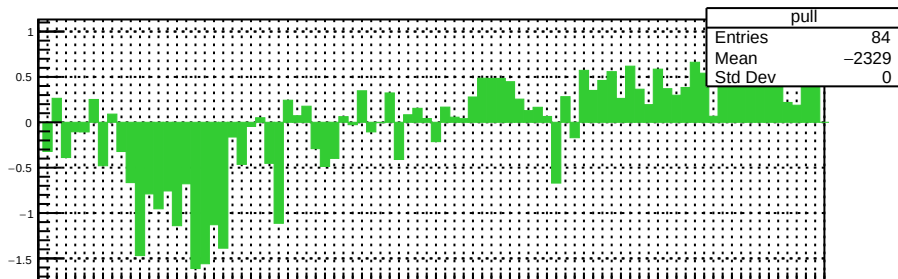
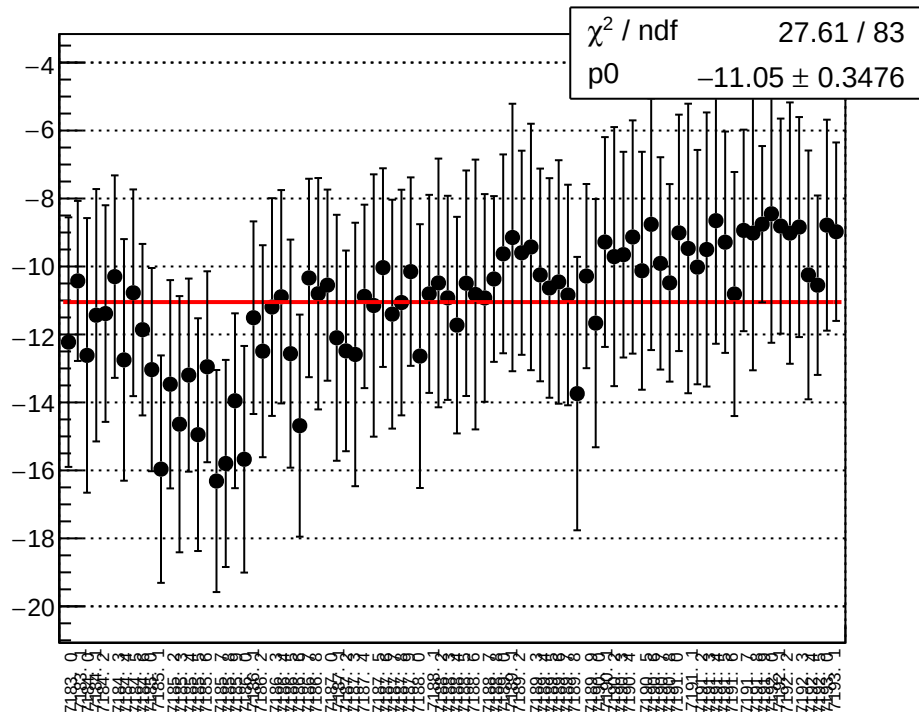
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run



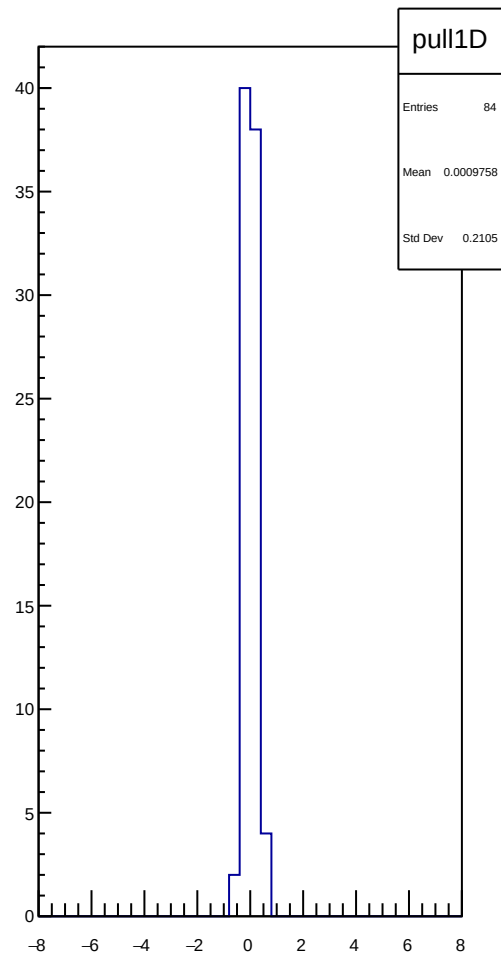
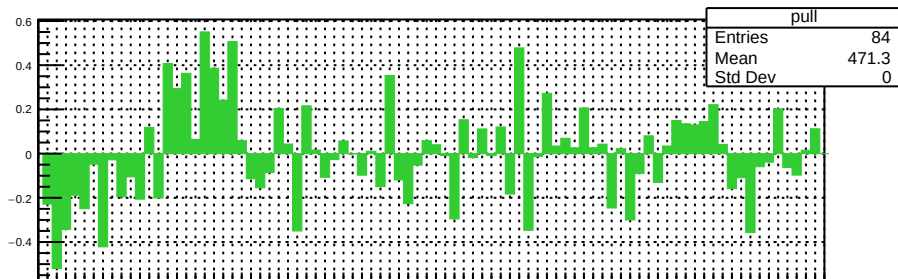
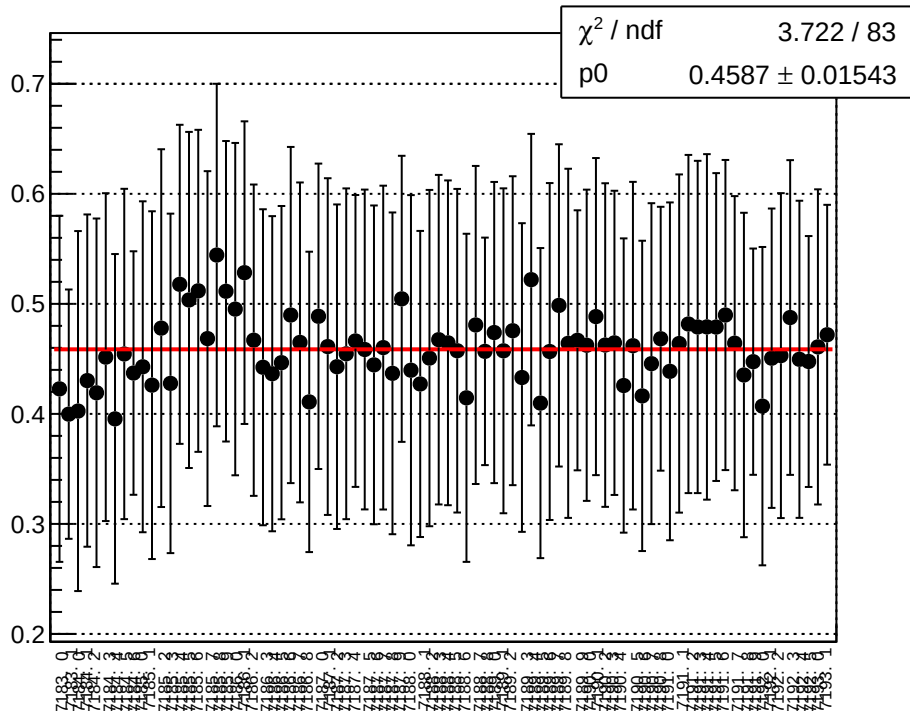
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run



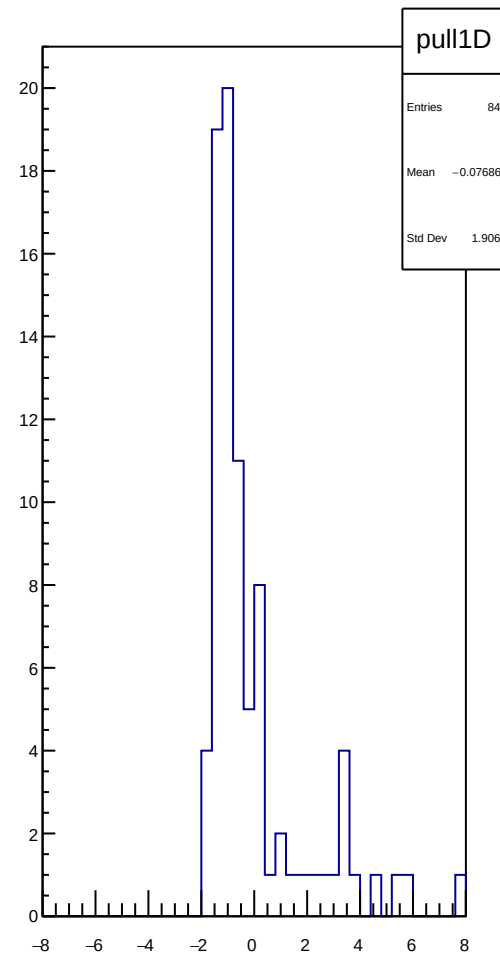
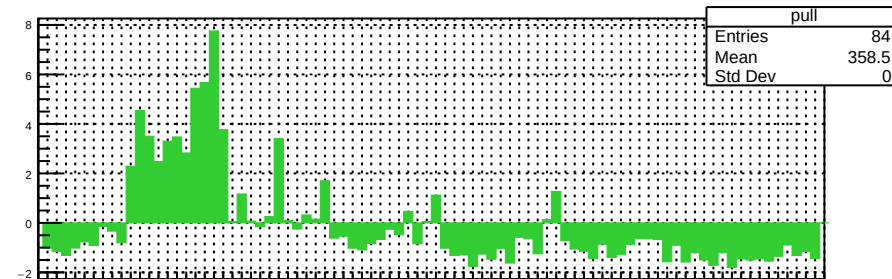
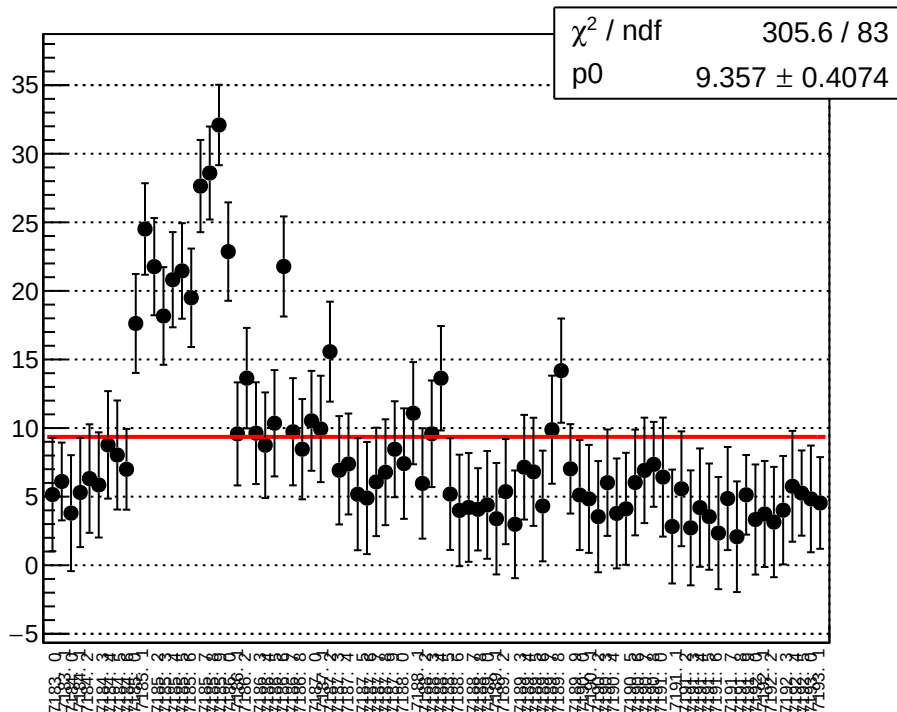
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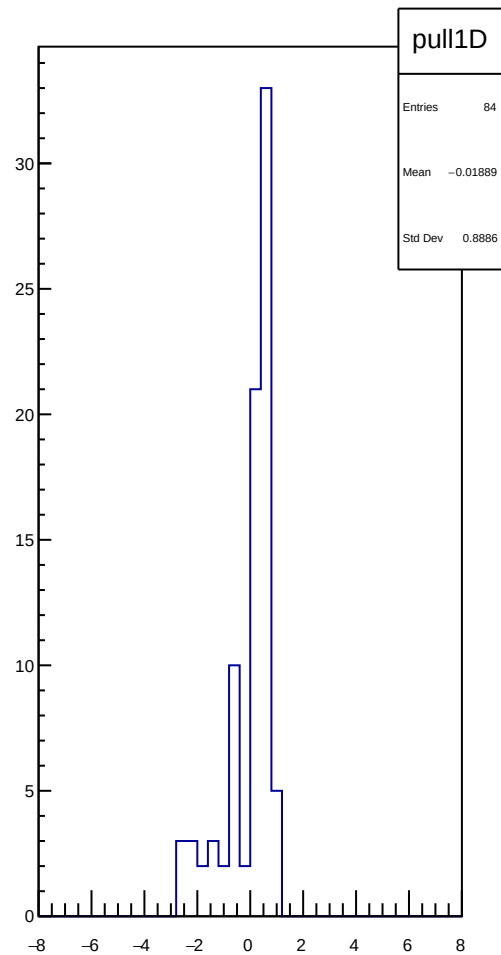
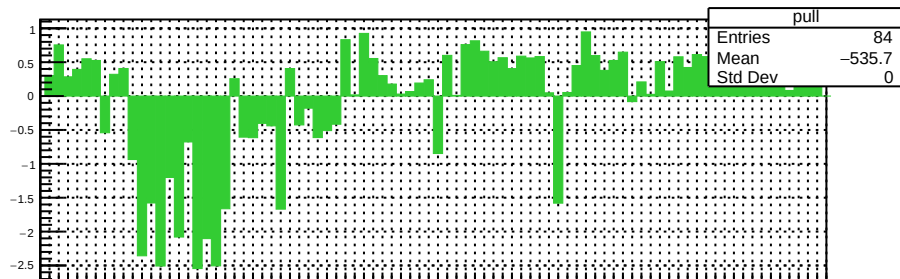
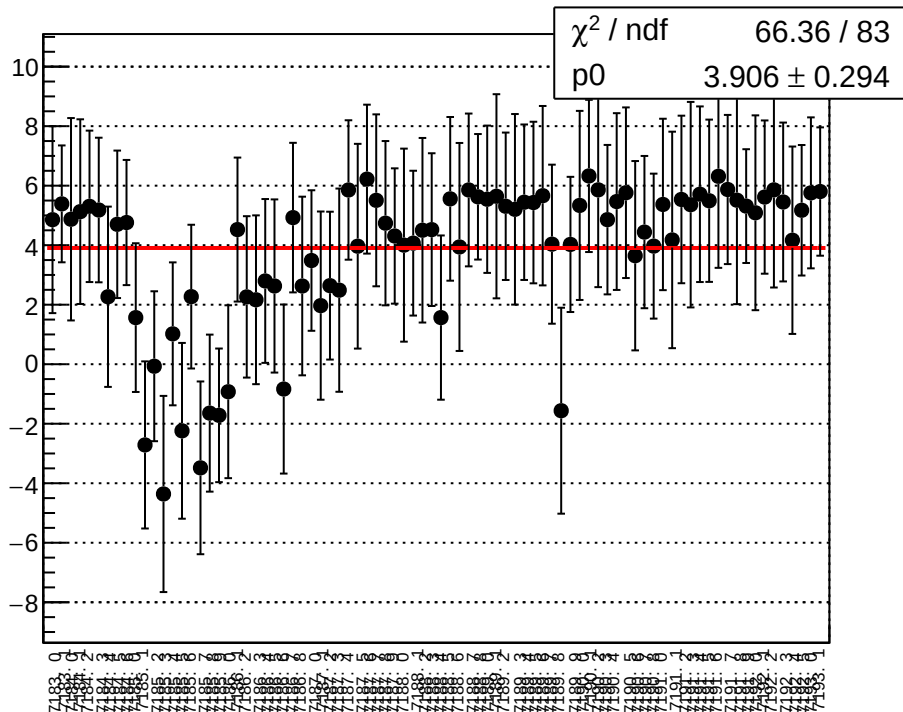
reg_asym_sam_3726_avg_diff_bpm12X_slope vs run



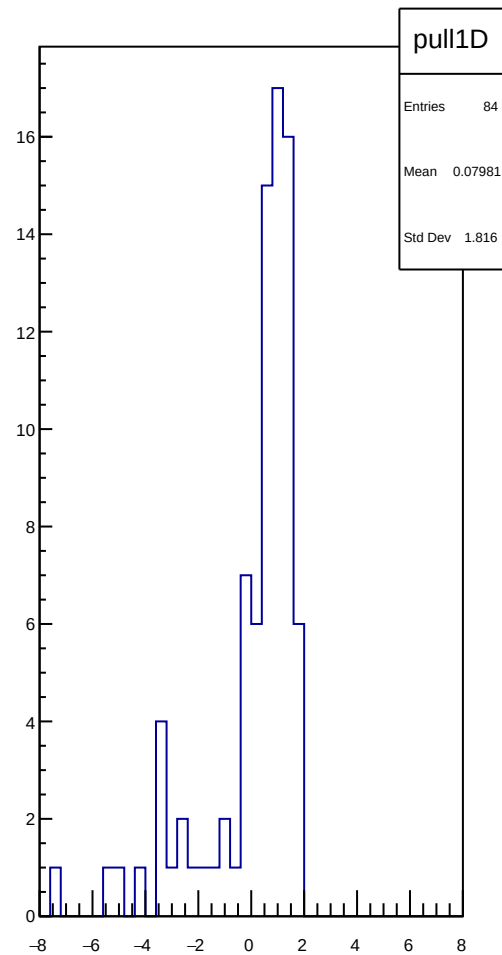
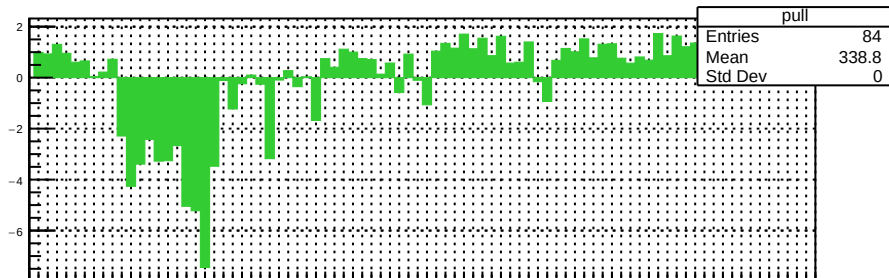
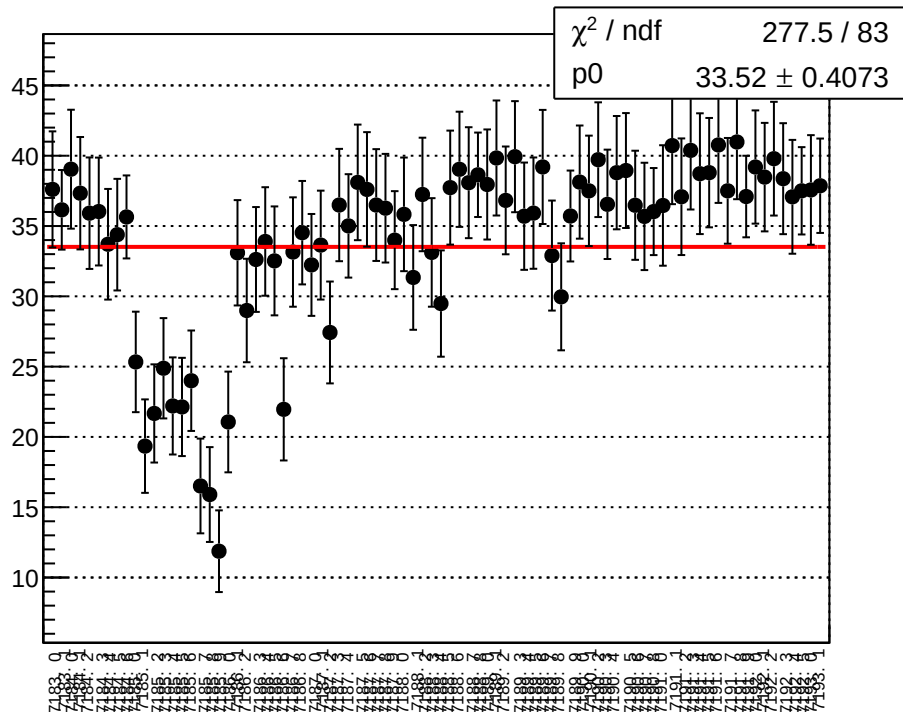
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run



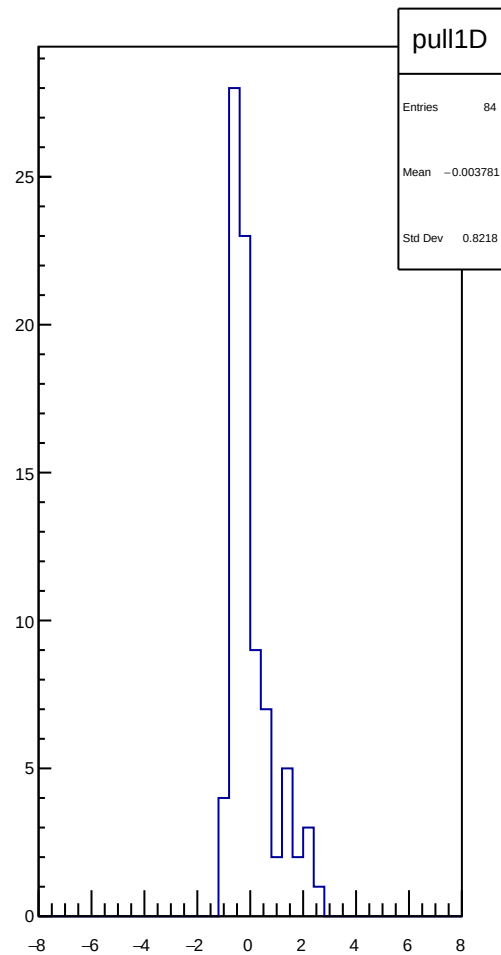
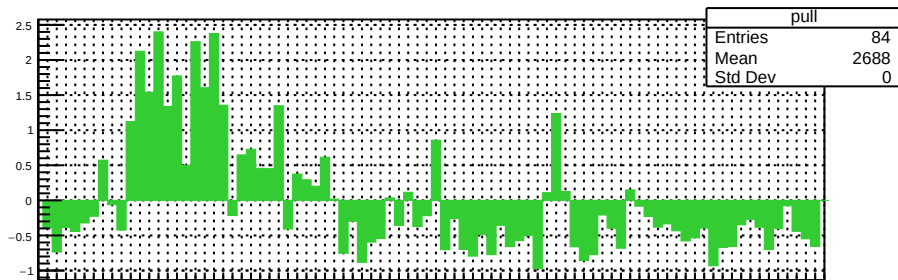
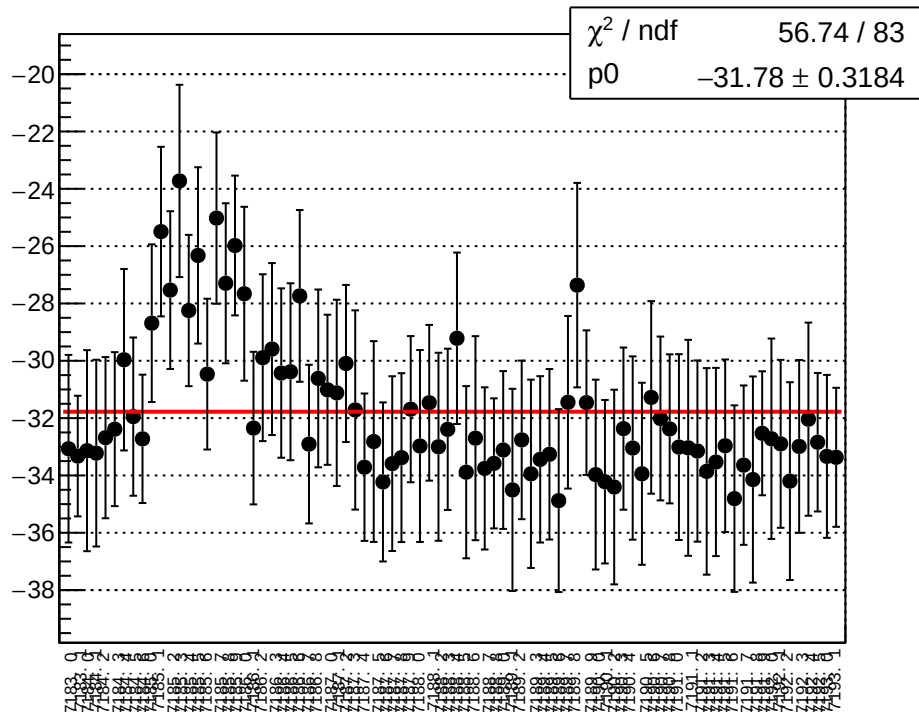
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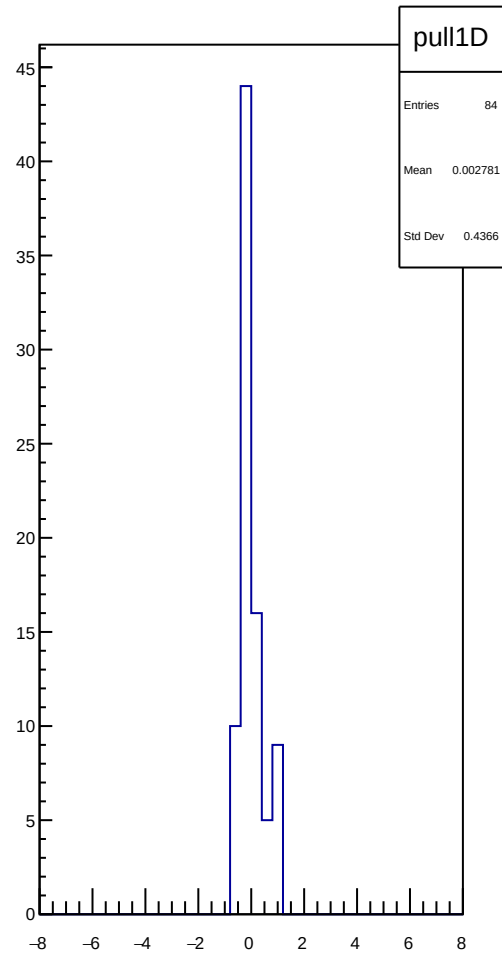
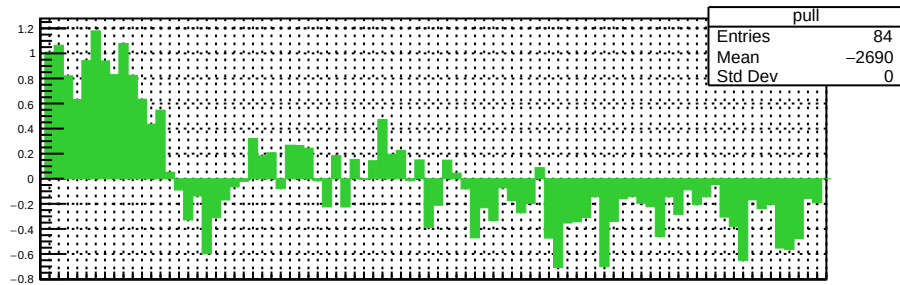
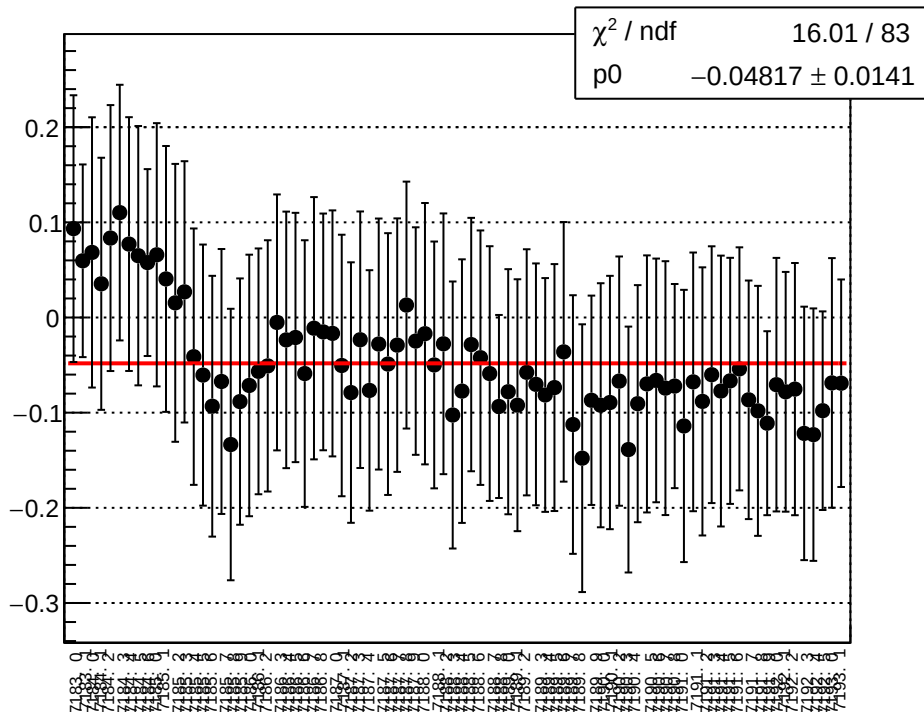
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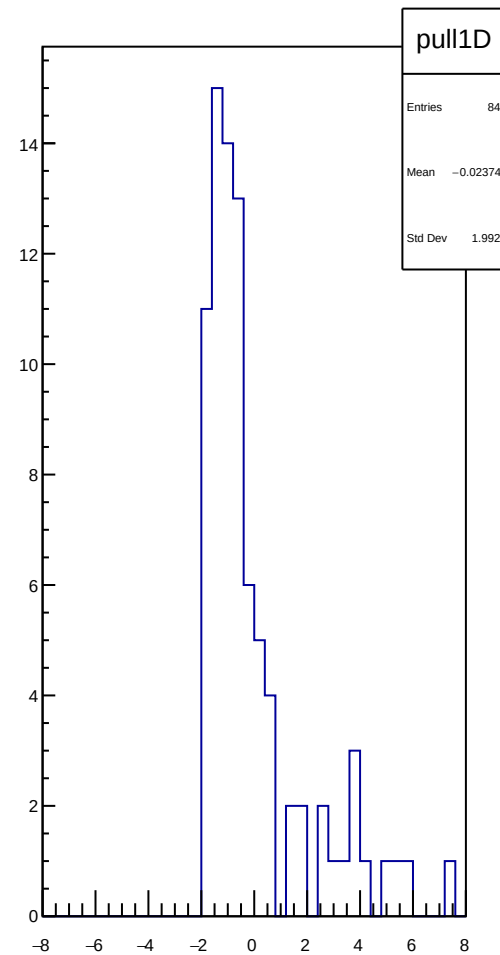
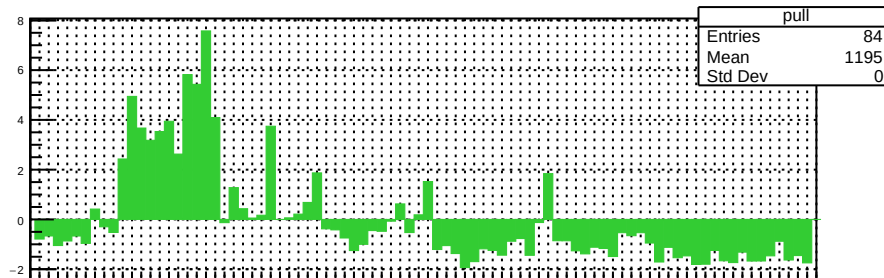
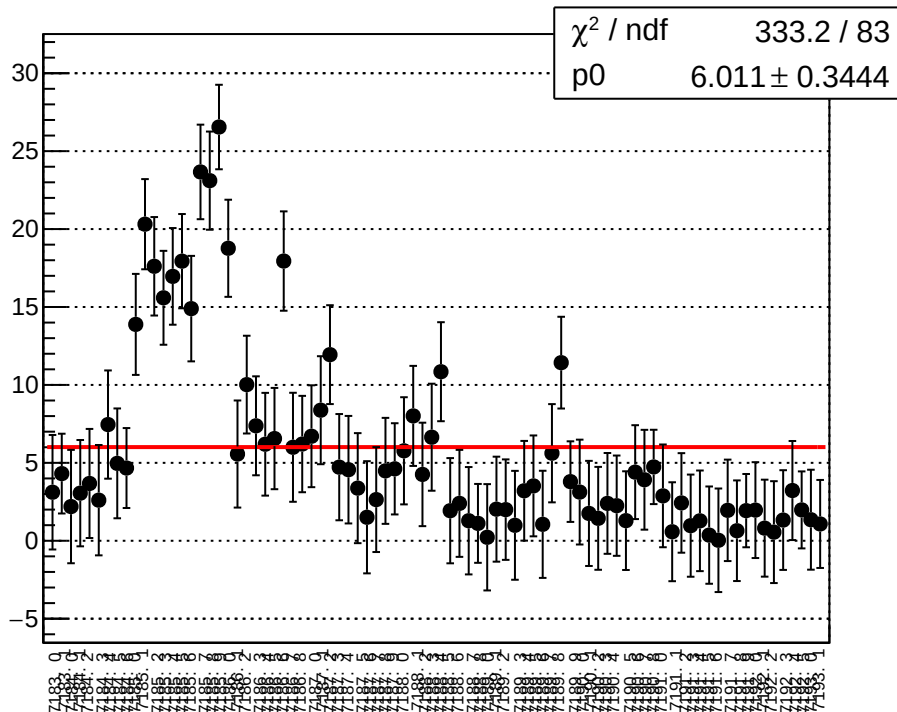
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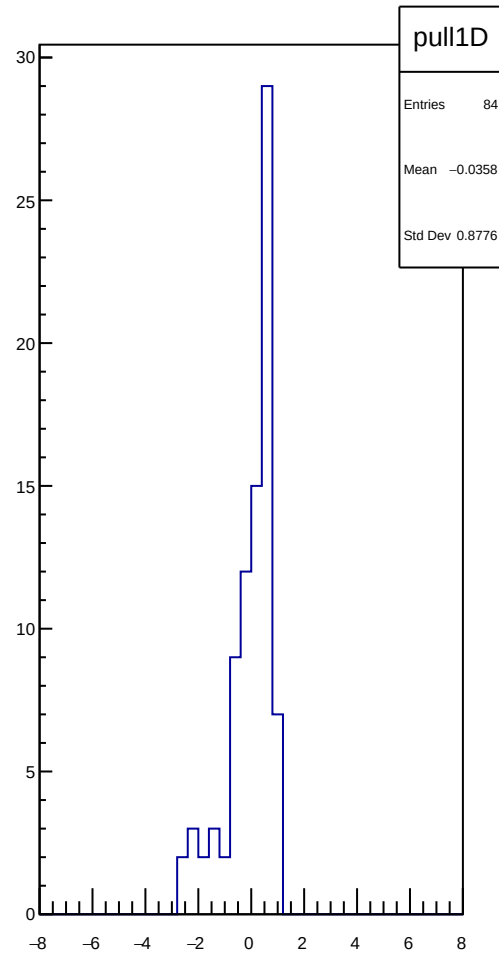
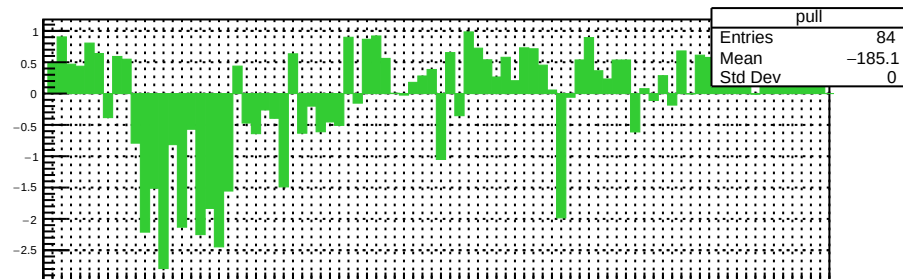
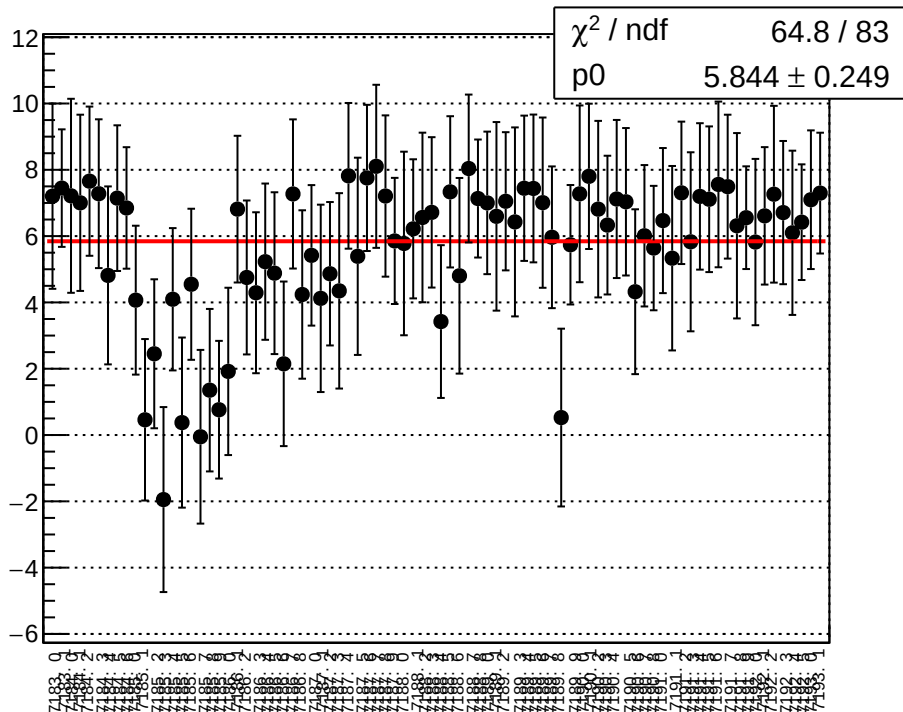
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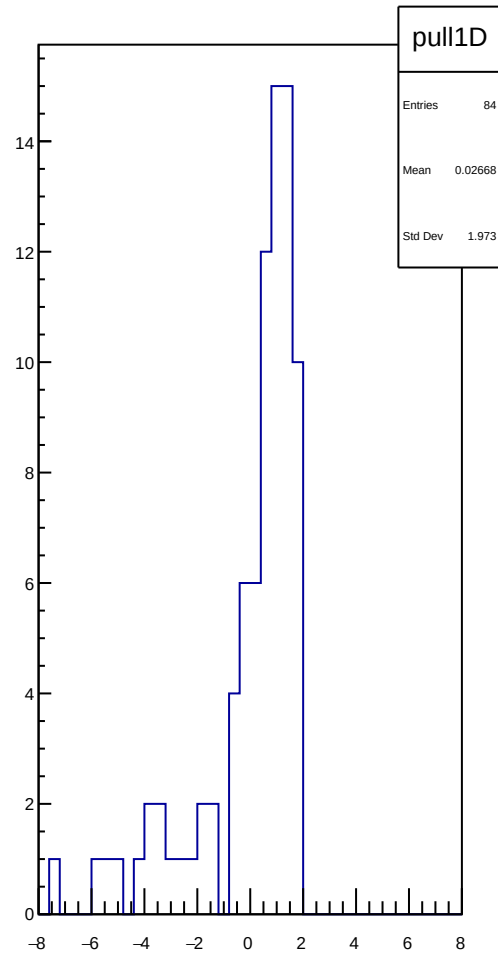
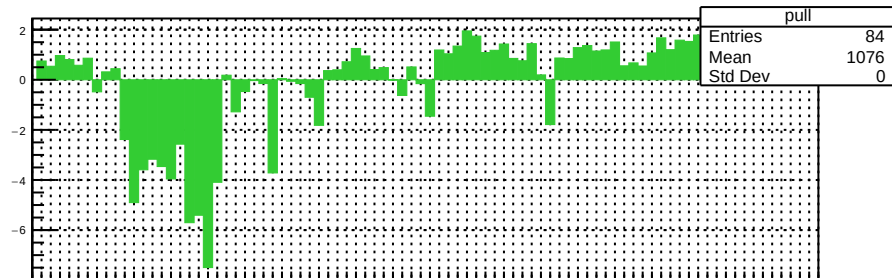
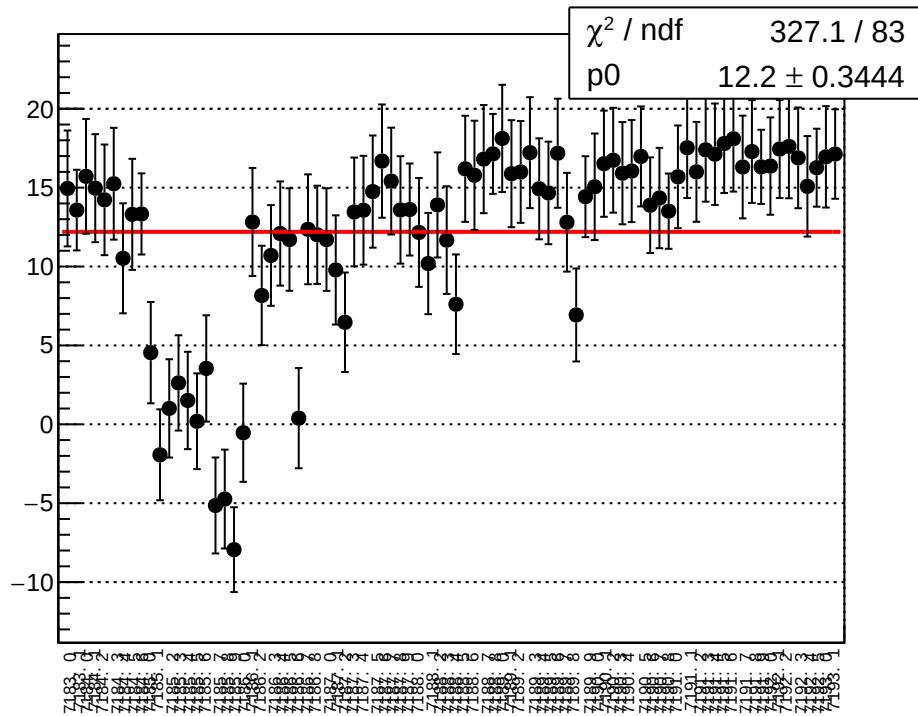
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run



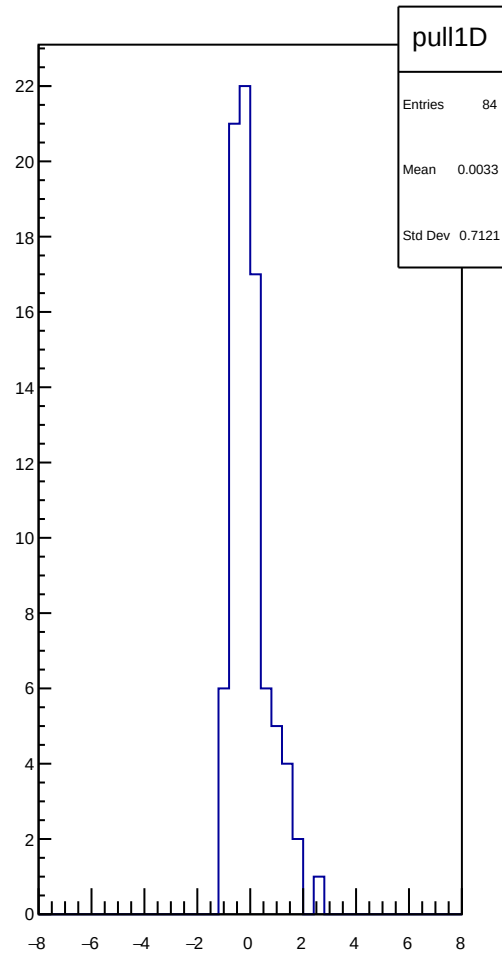
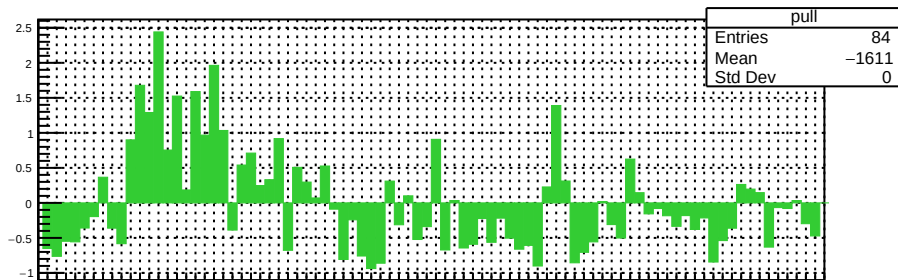
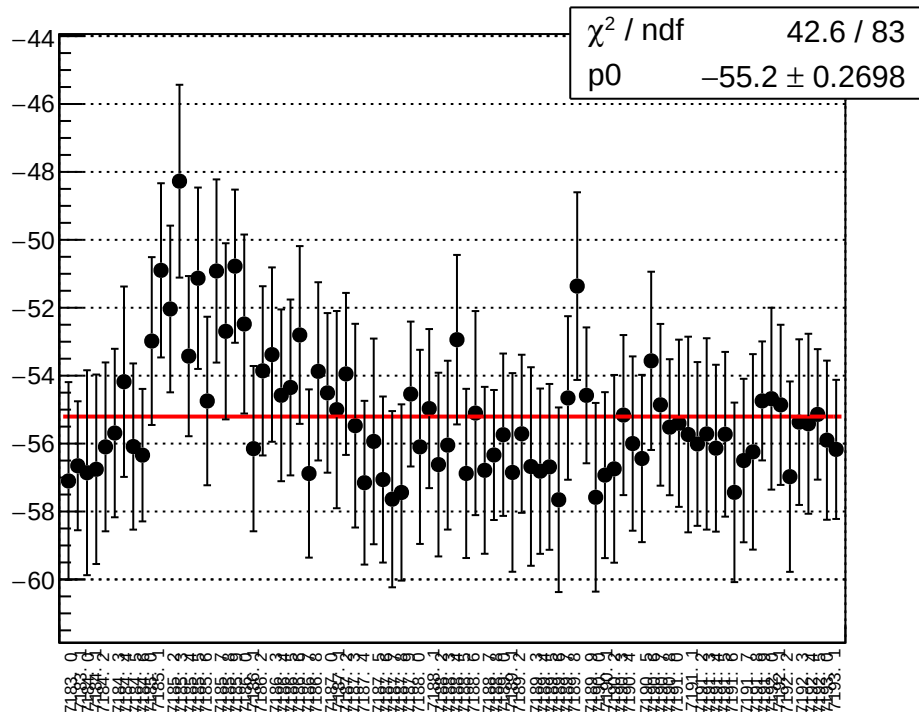
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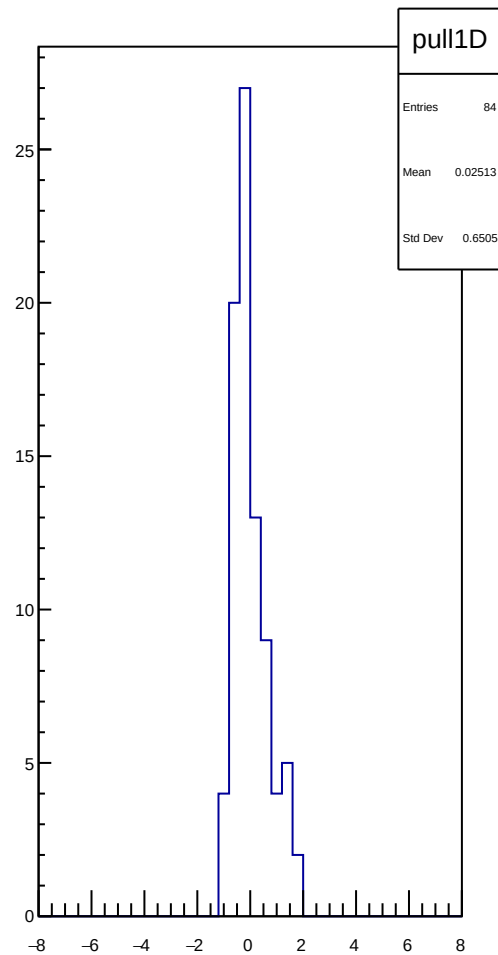
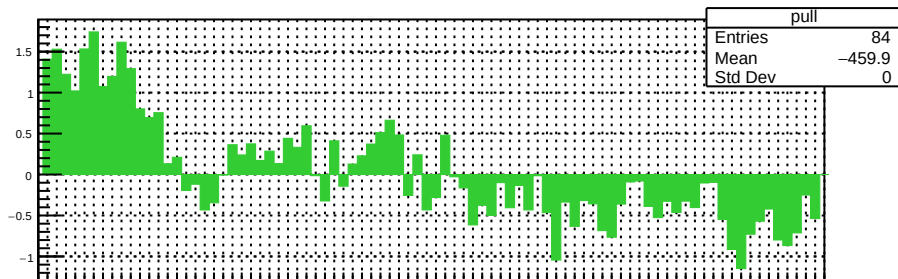
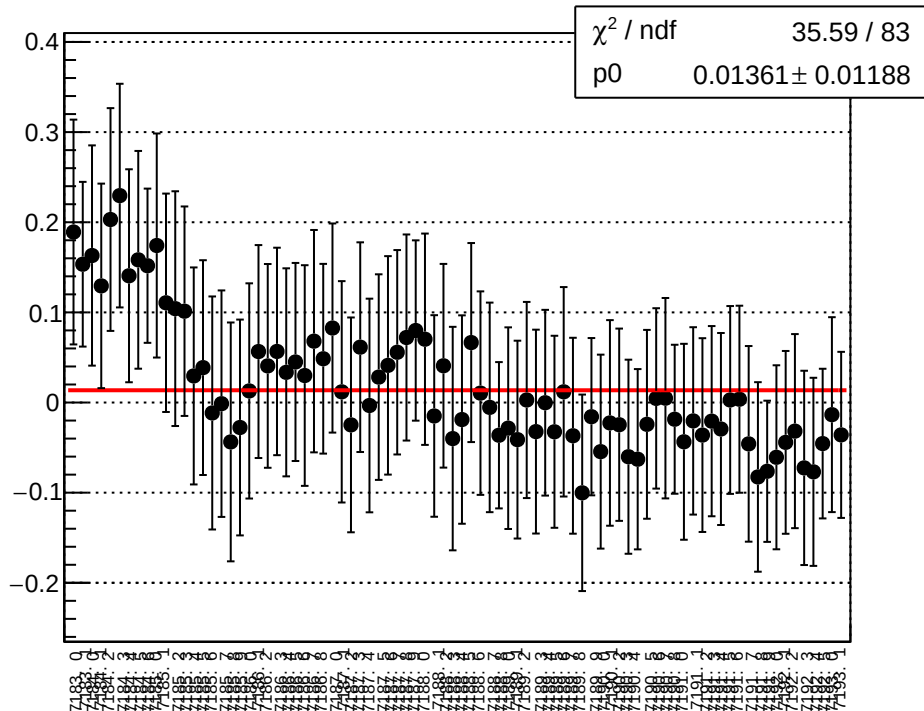
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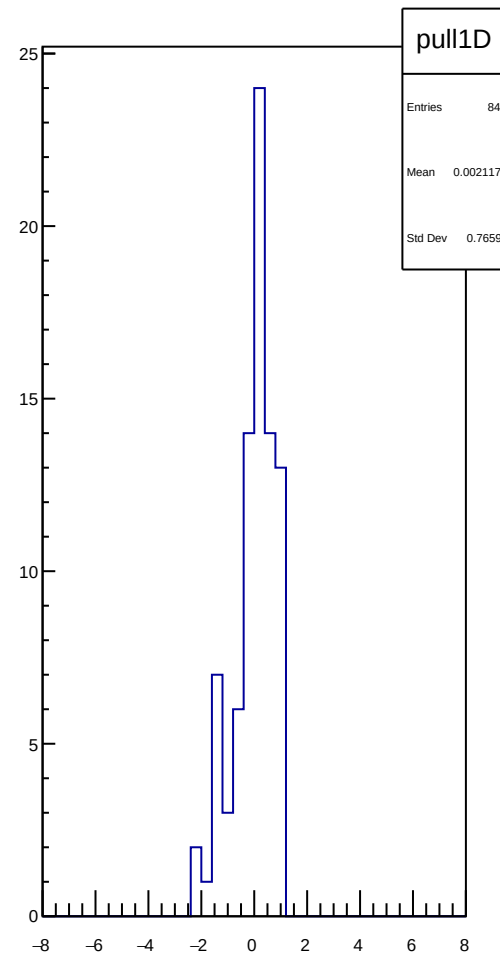
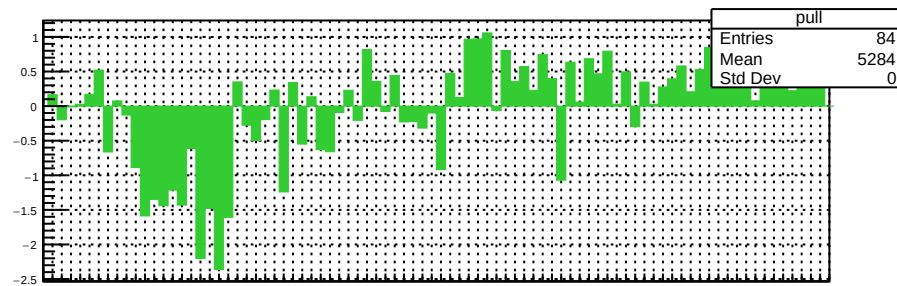
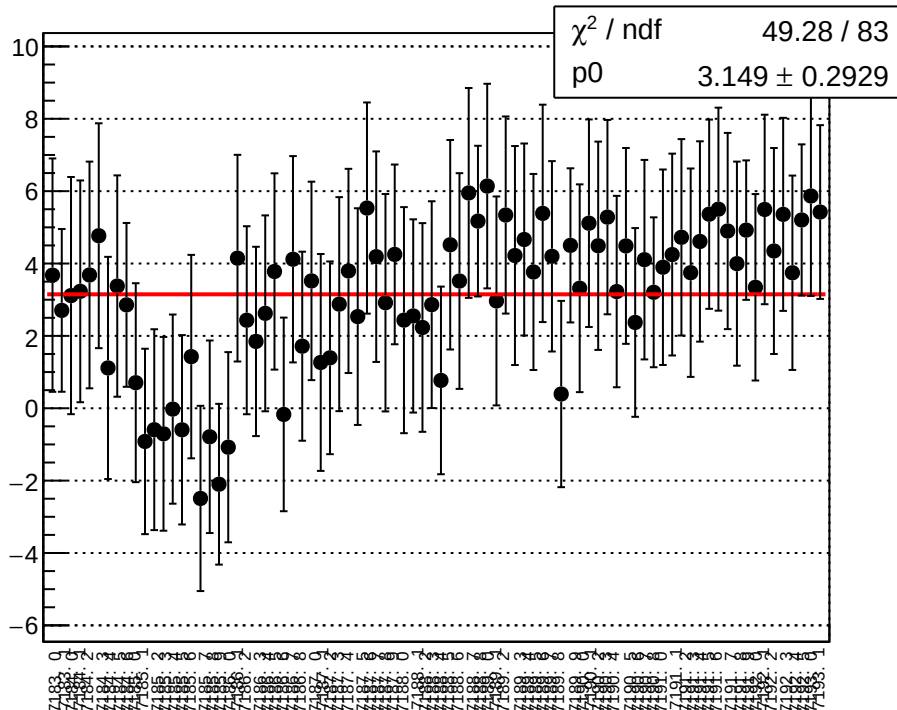
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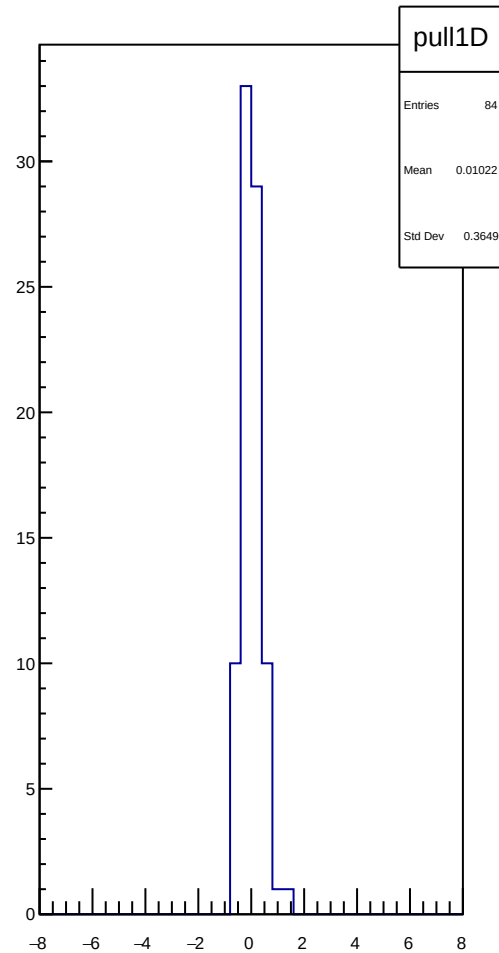
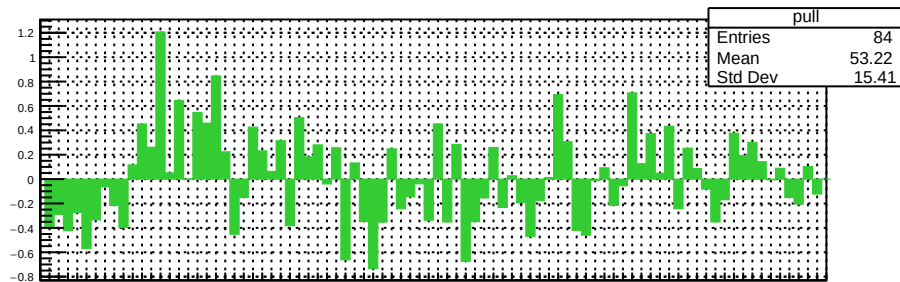
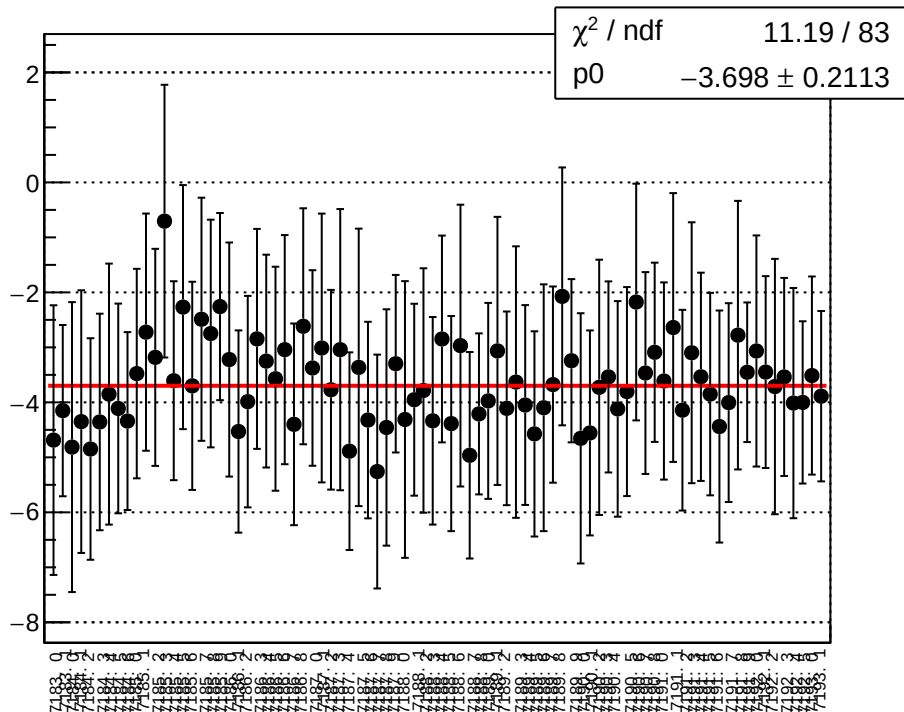
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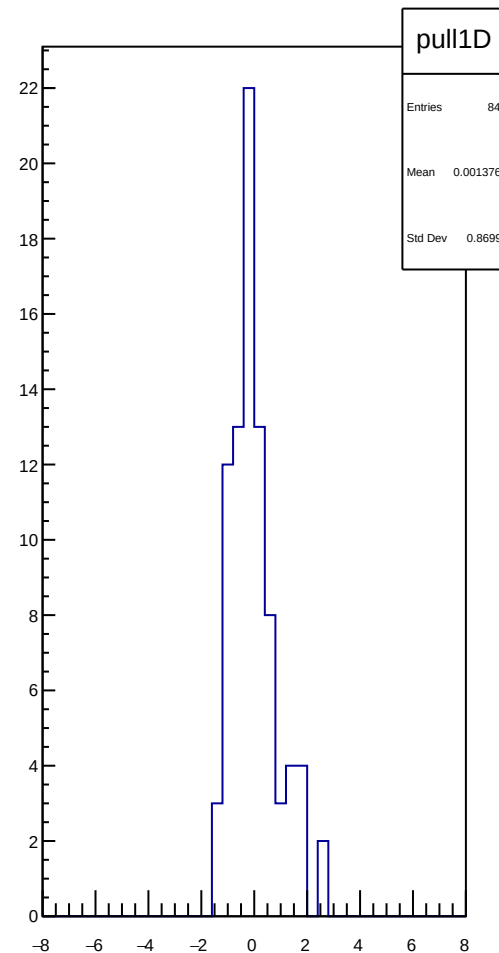
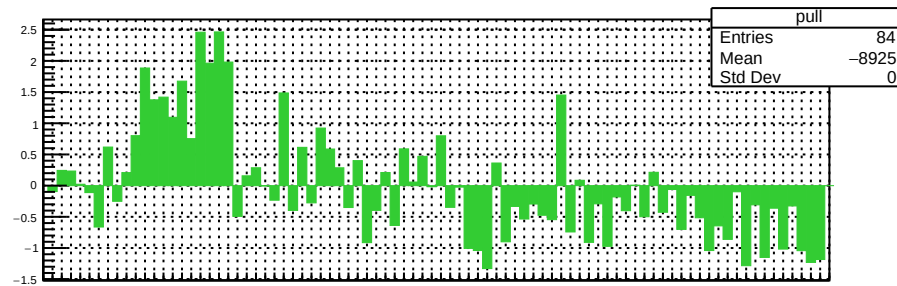
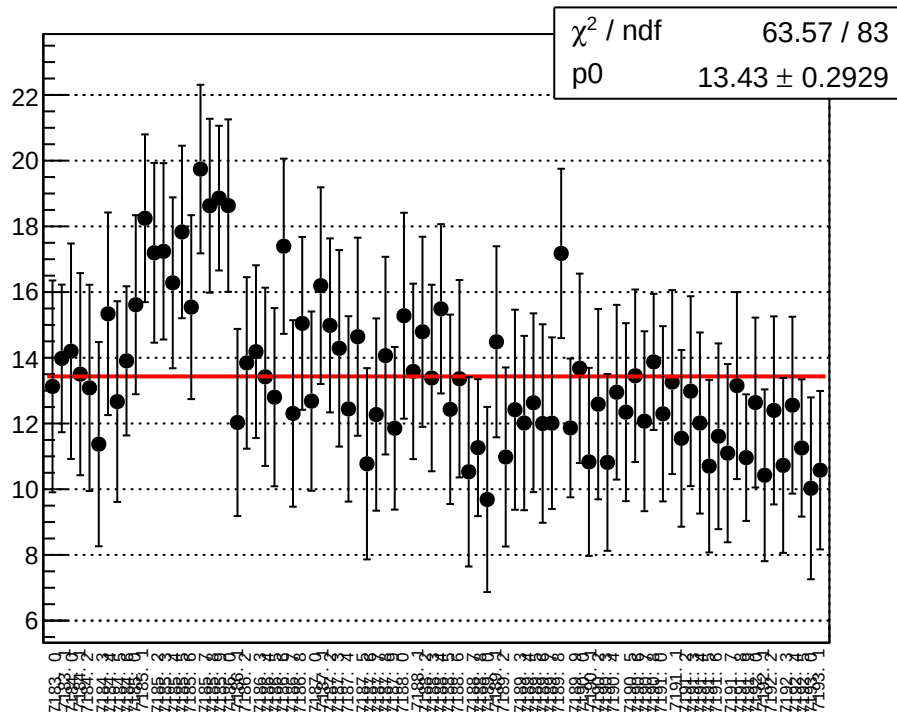
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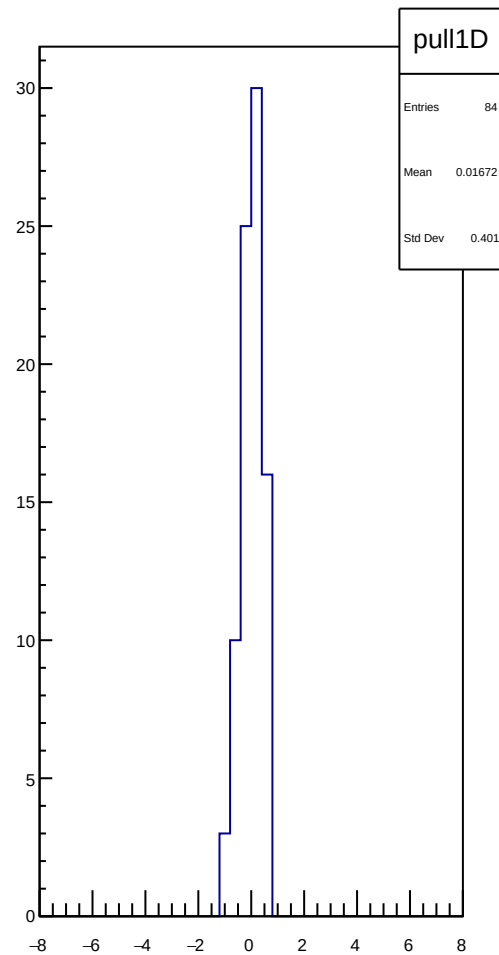
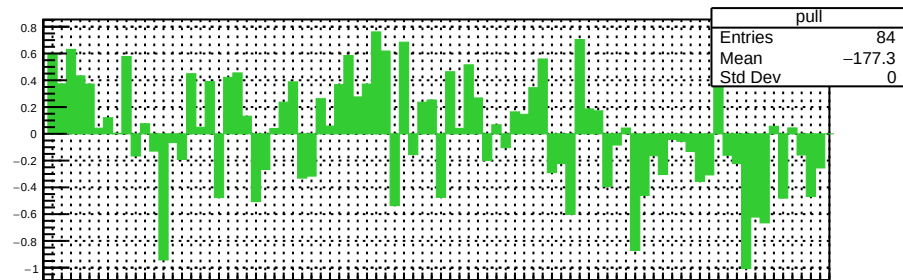
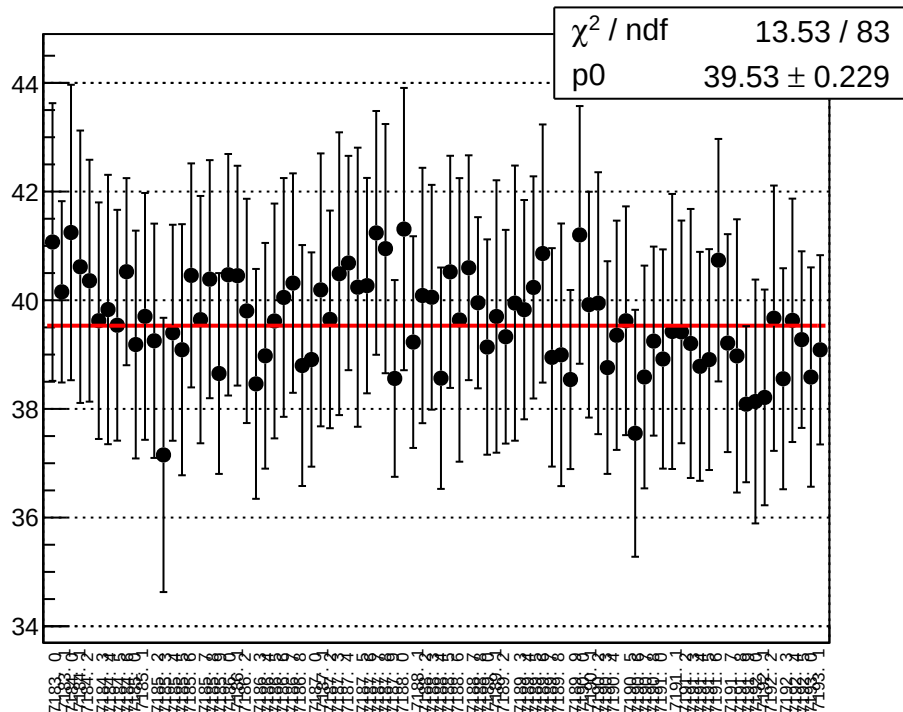
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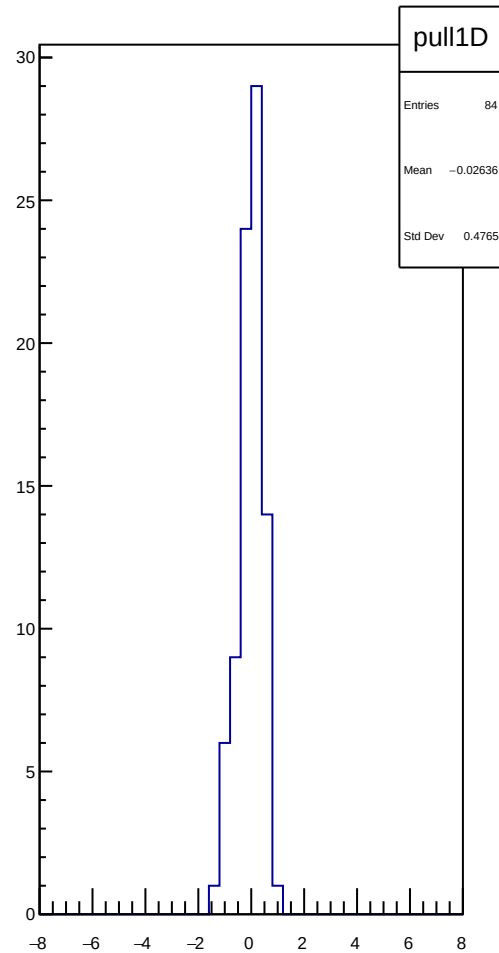
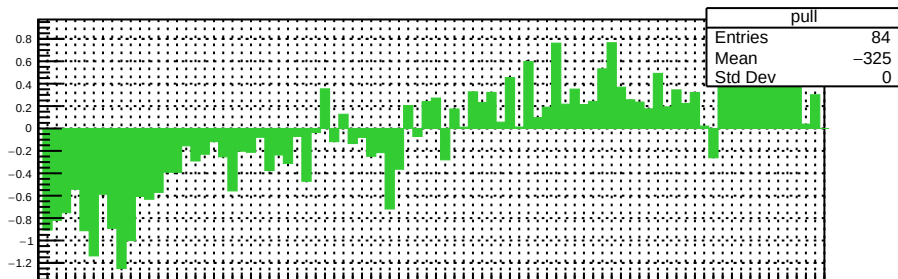
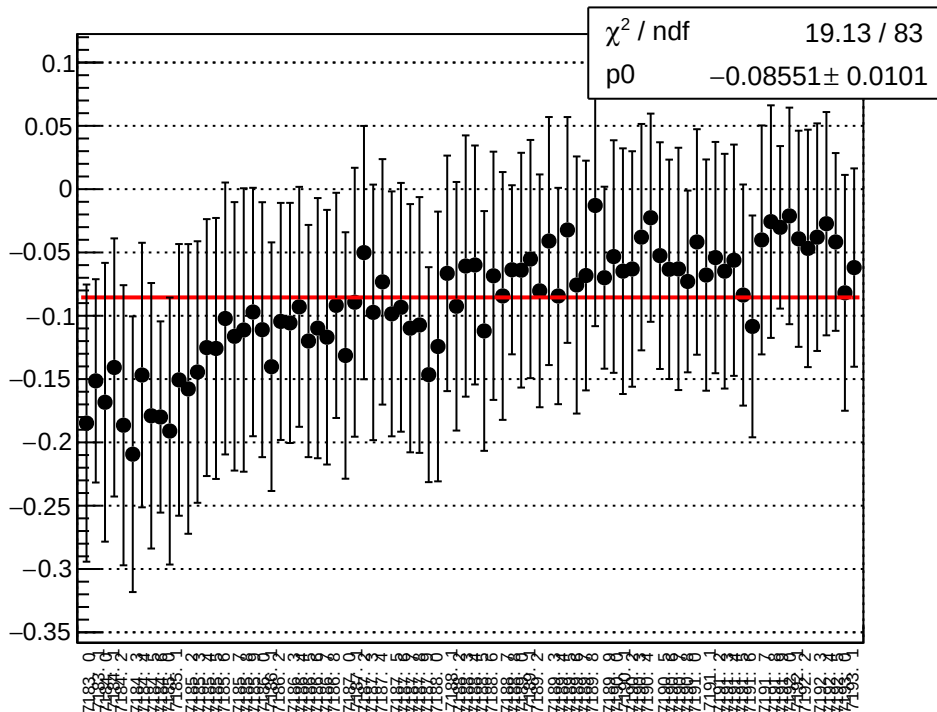
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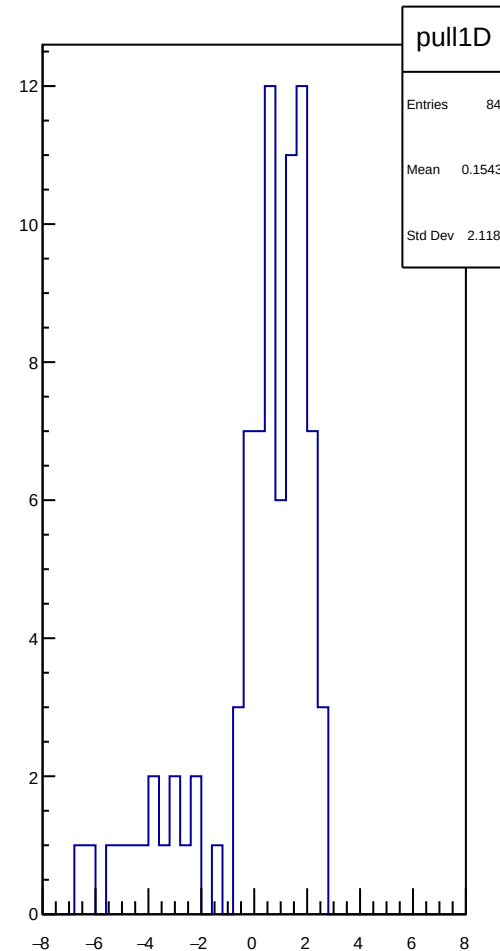
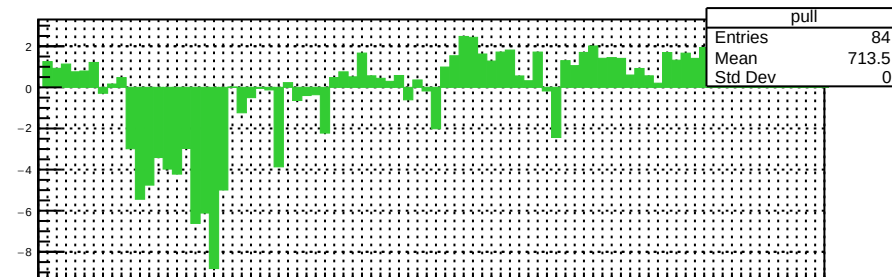
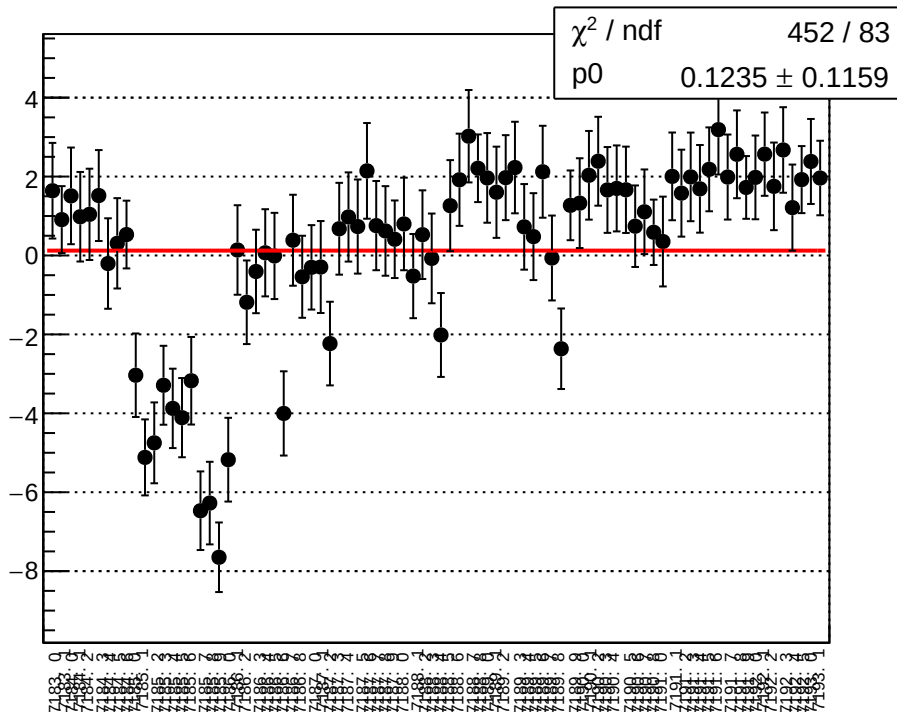
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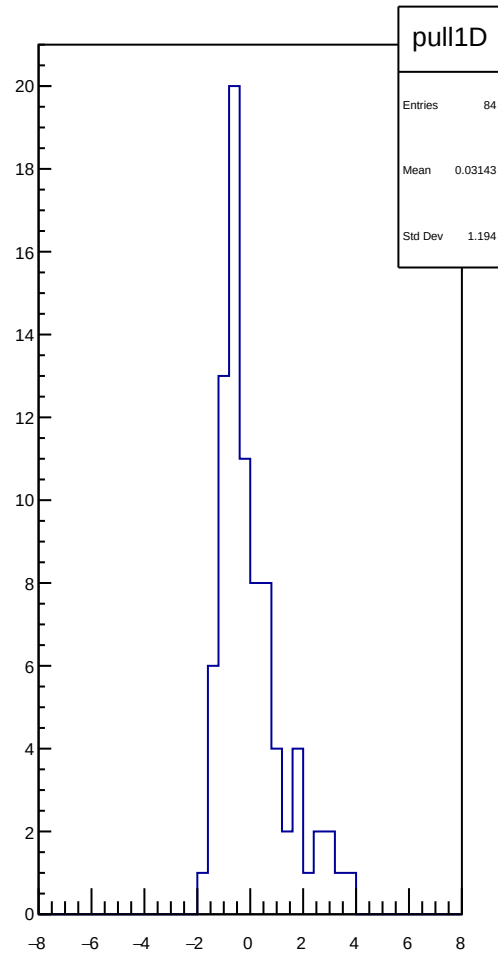
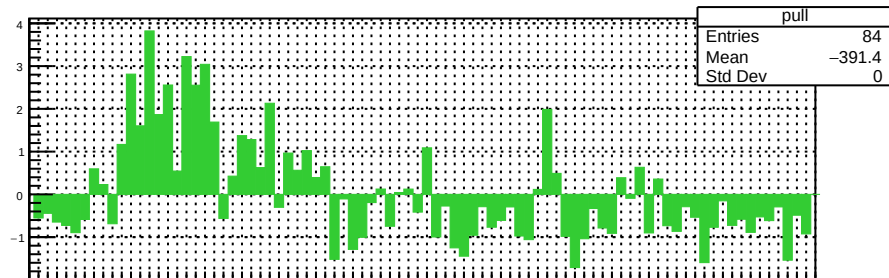
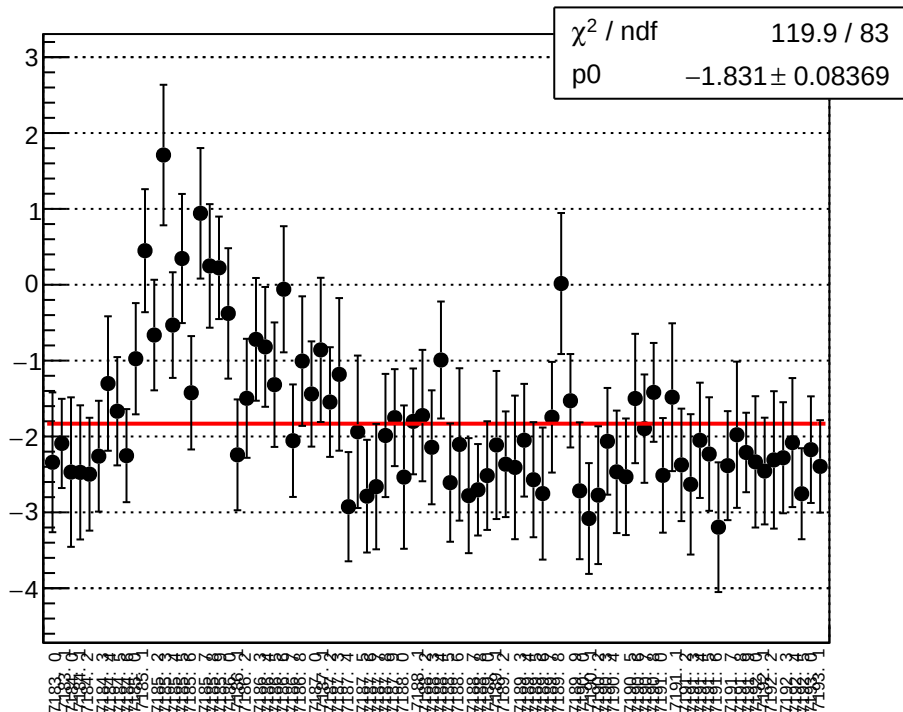
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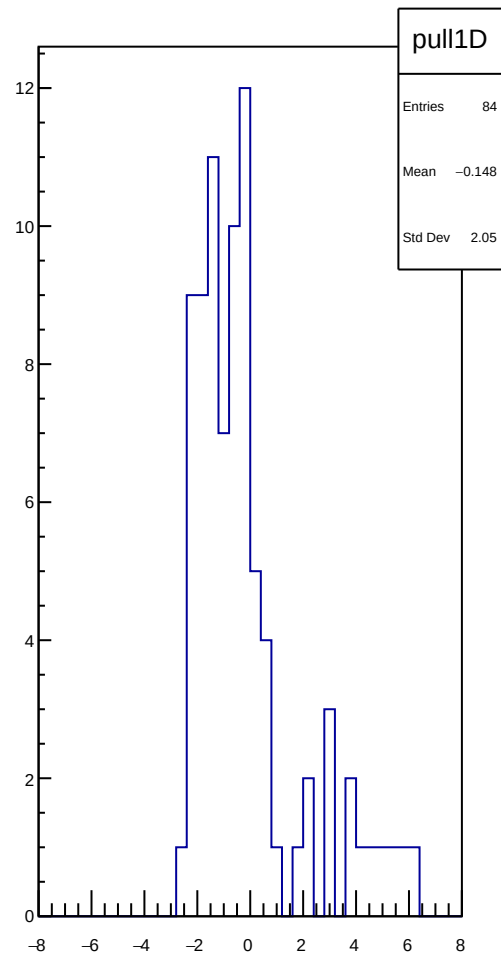
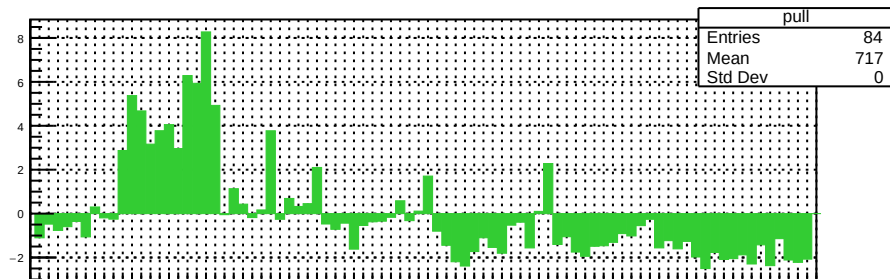
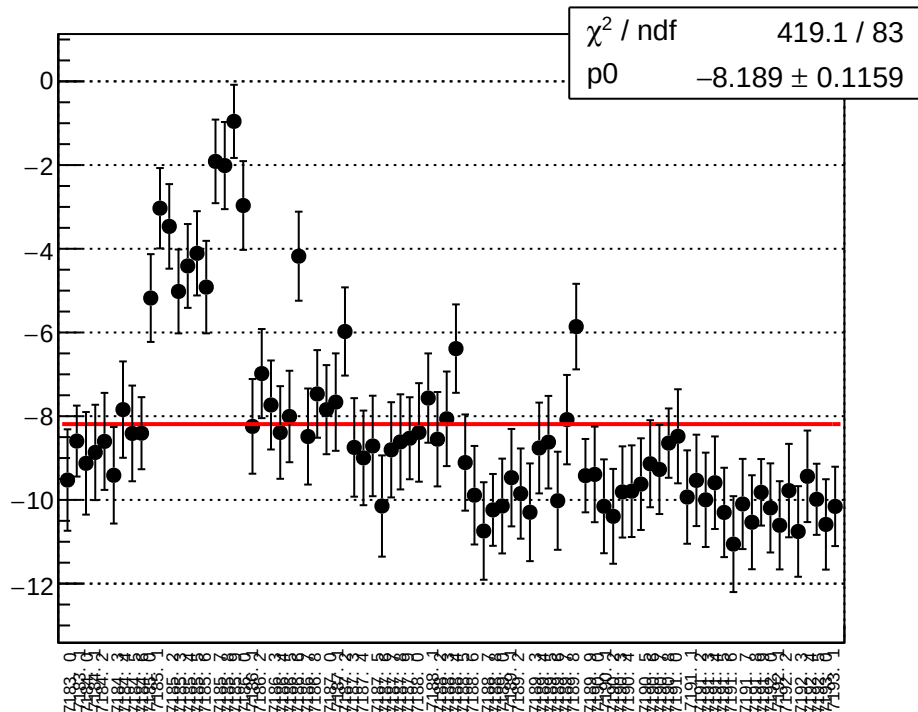
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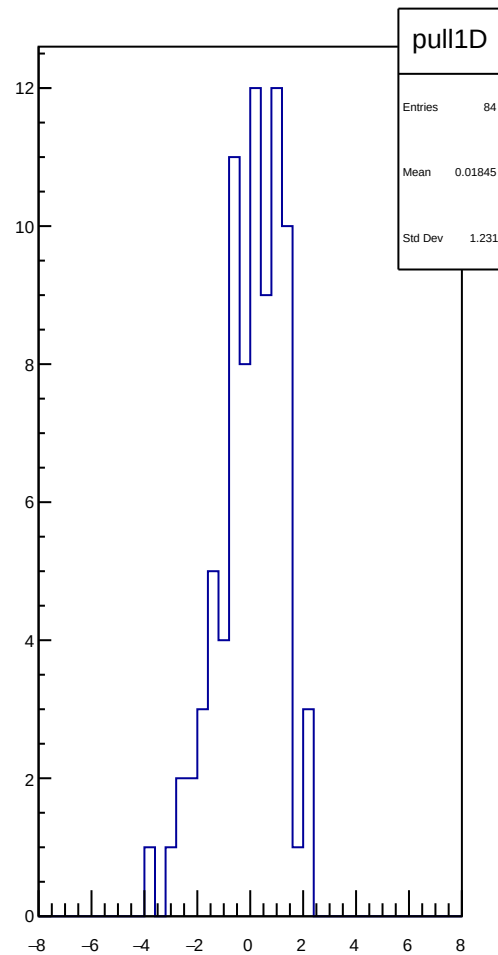
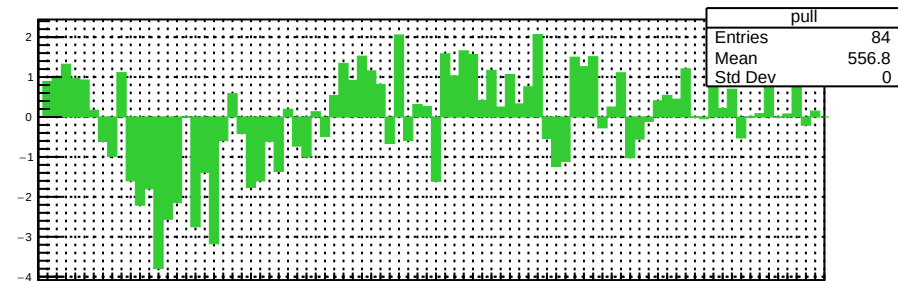
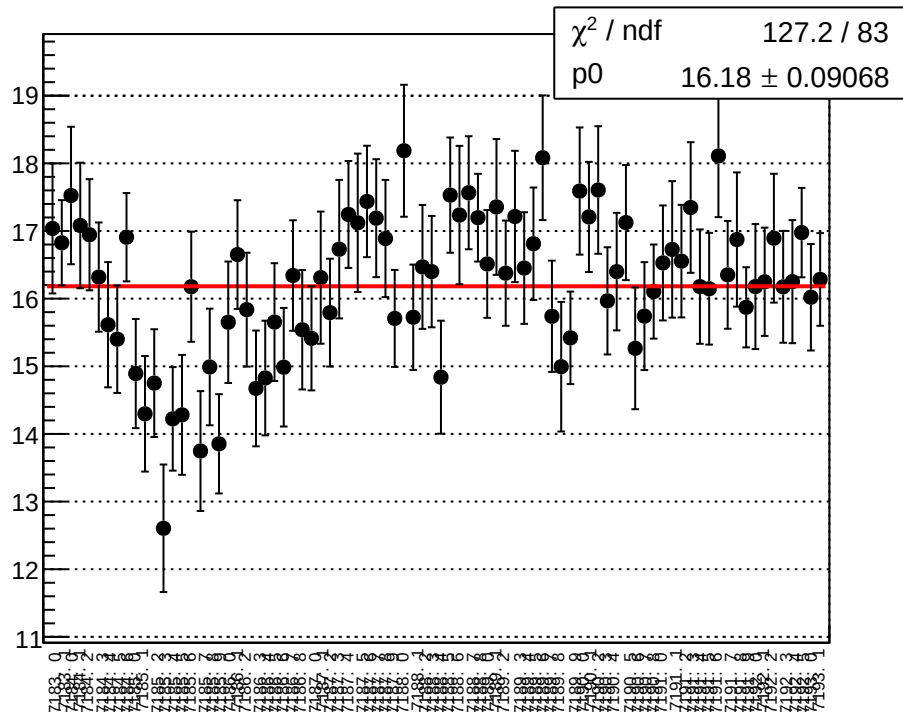
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run



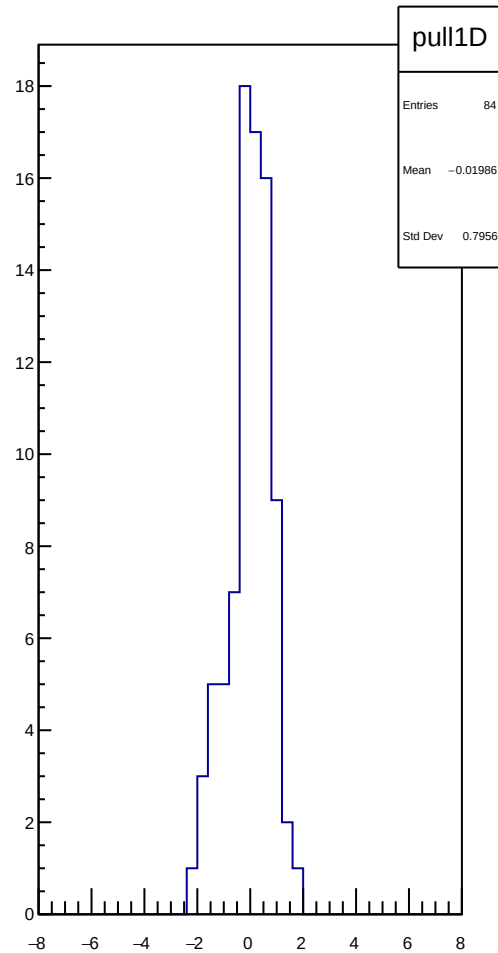
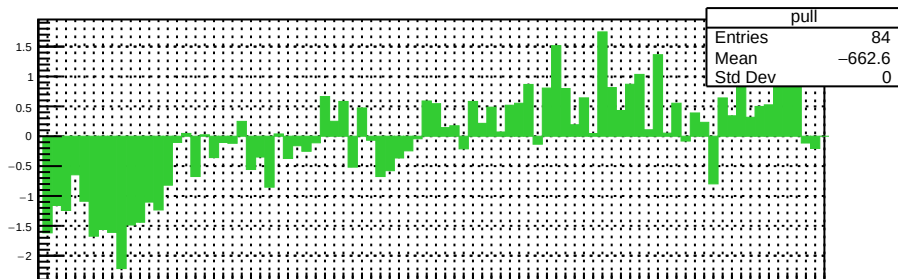
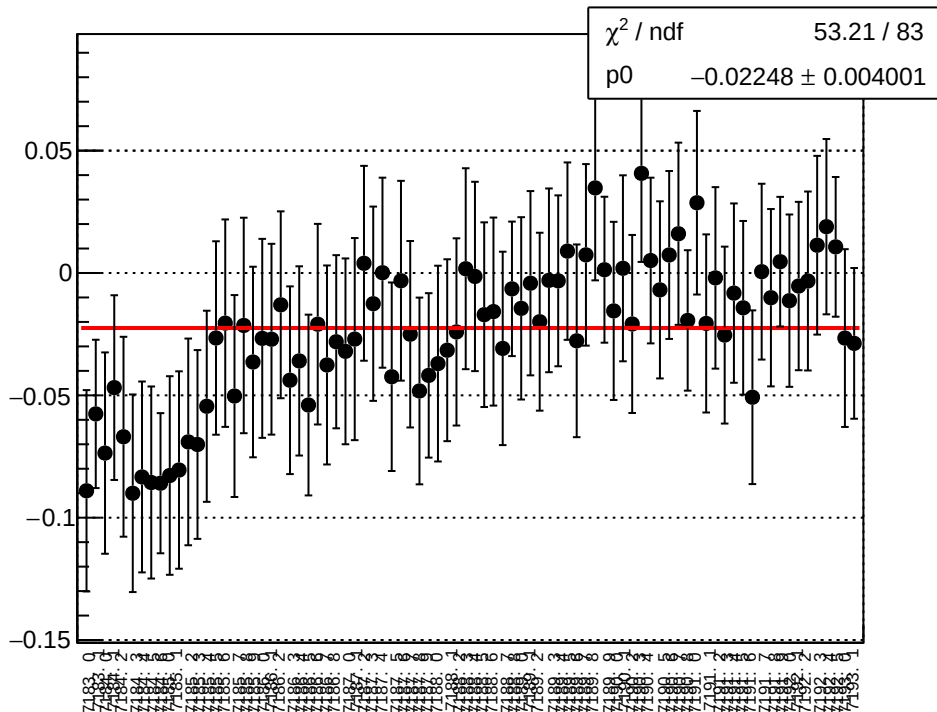
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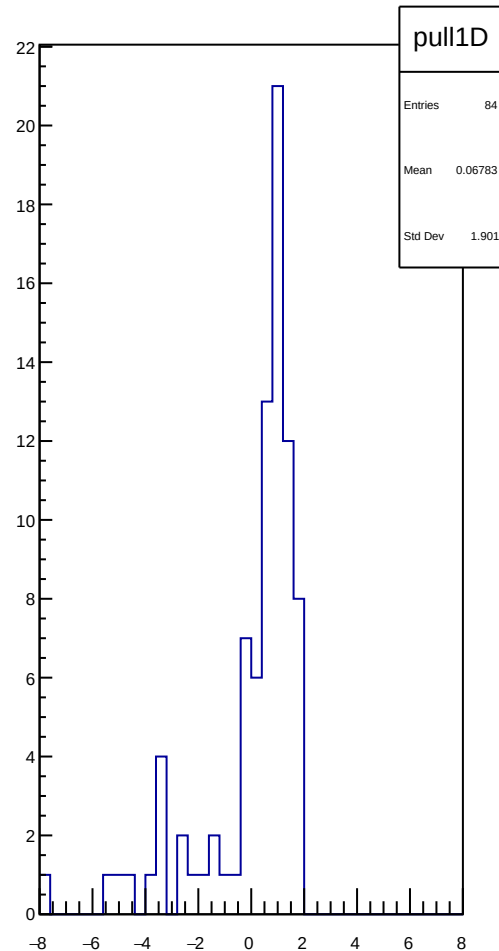
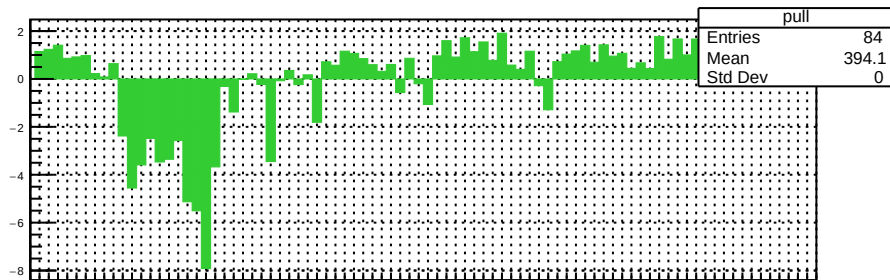
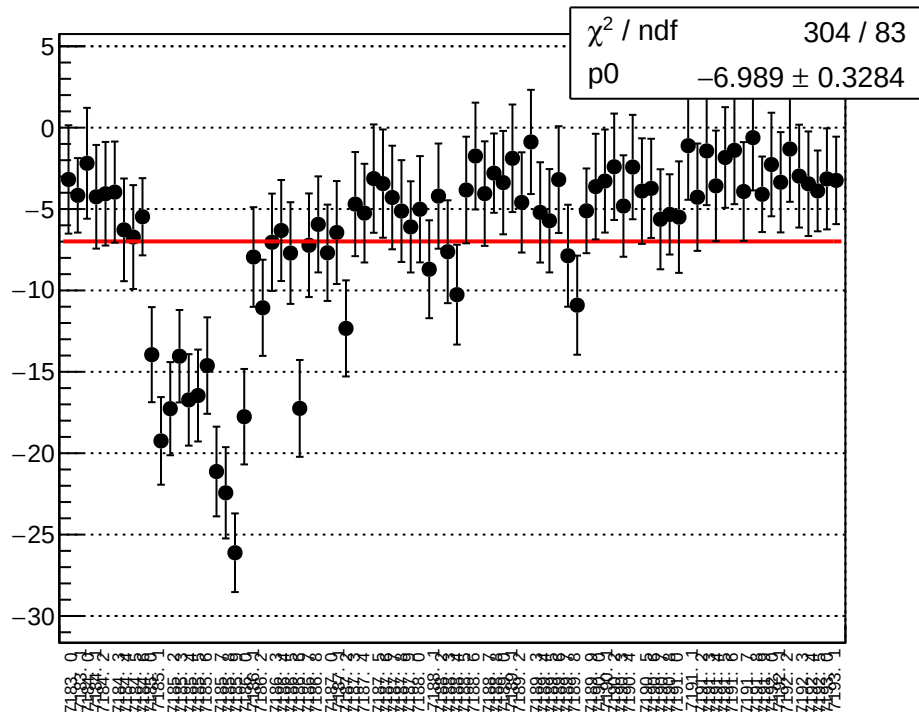
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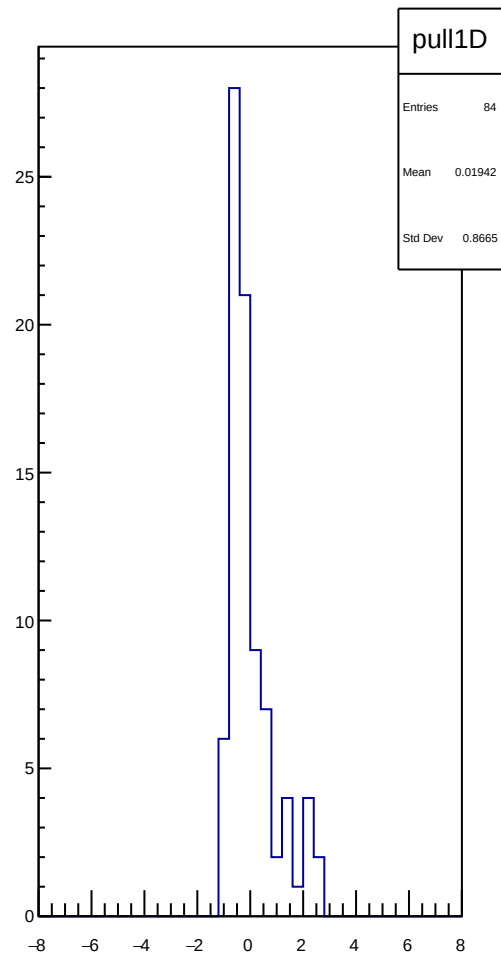
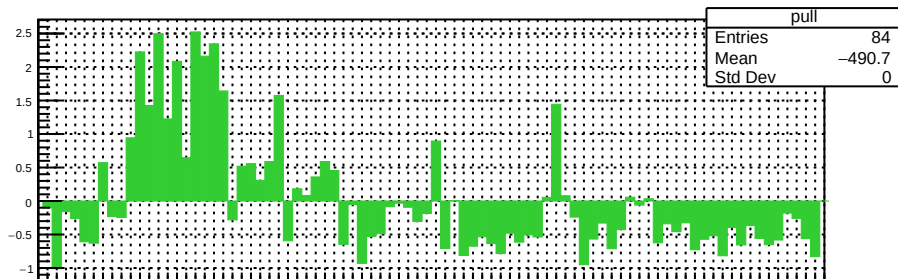
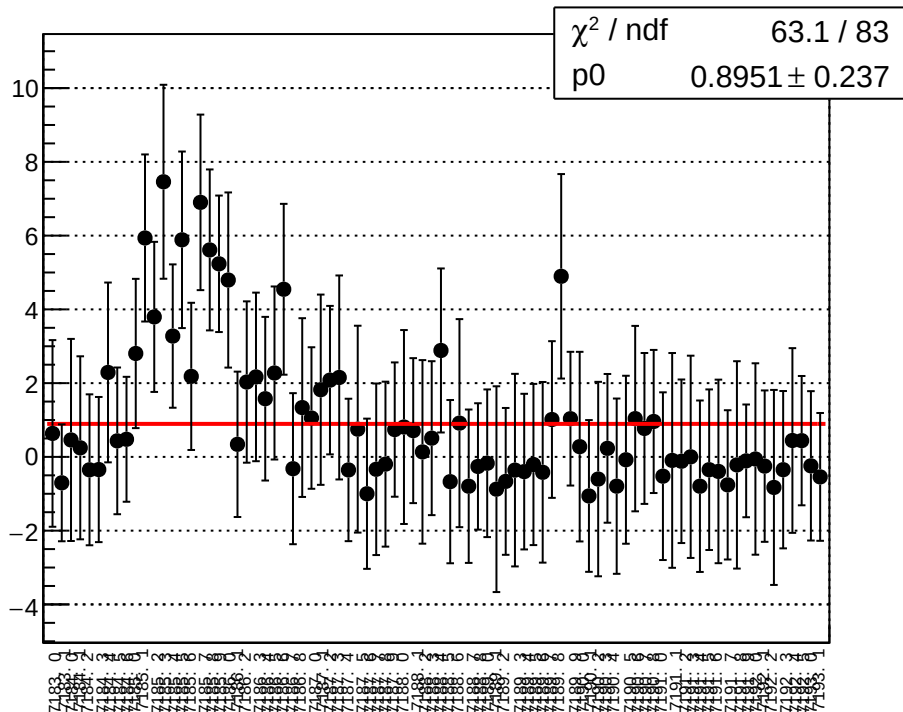
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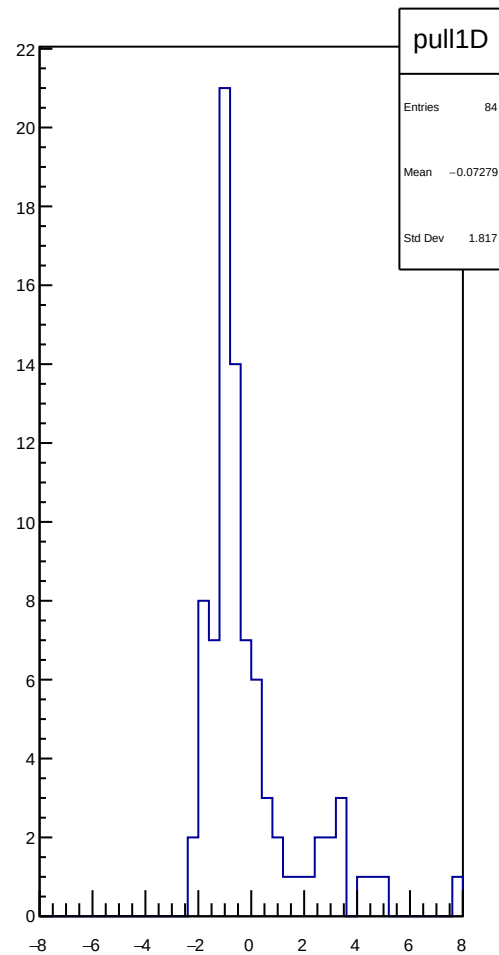
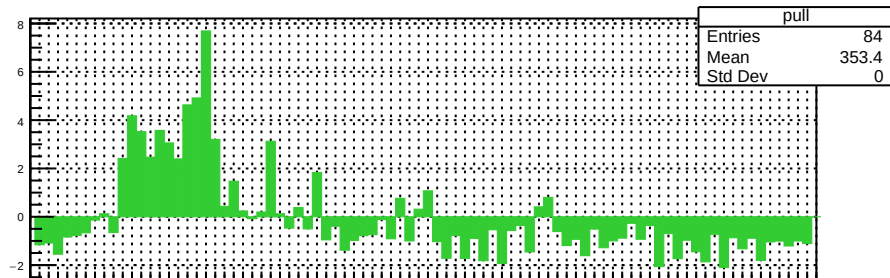
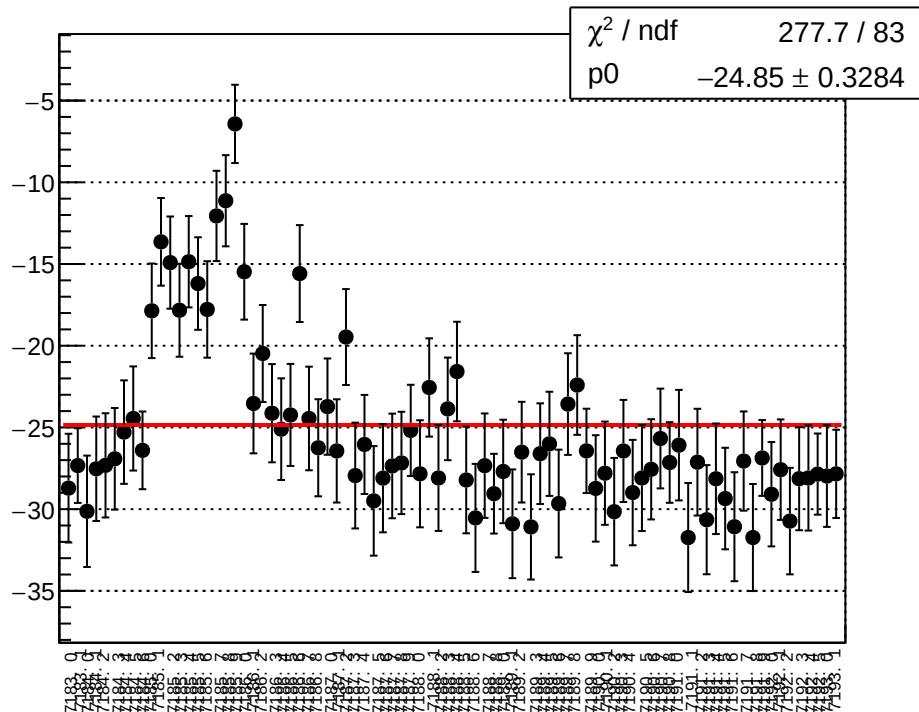
reg_asym_sam_1357_avg_diff_bpm1X_slope vs run



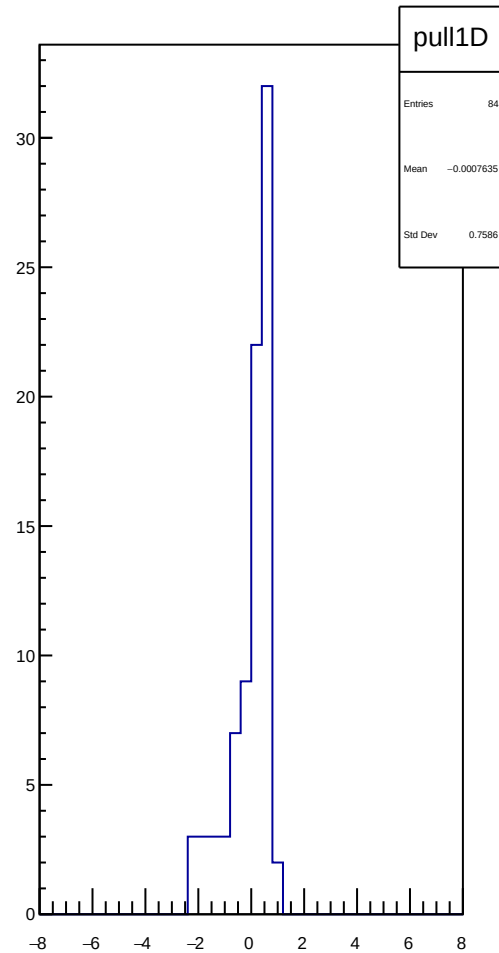
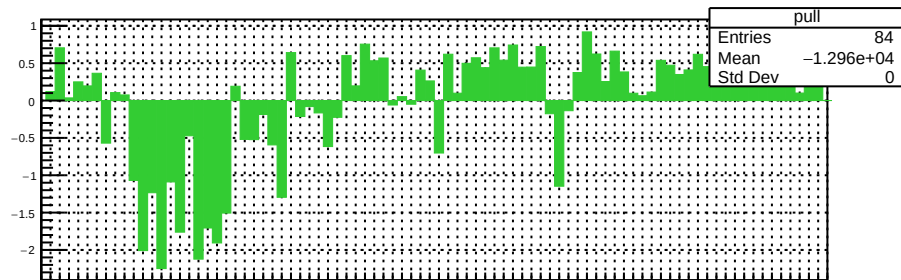
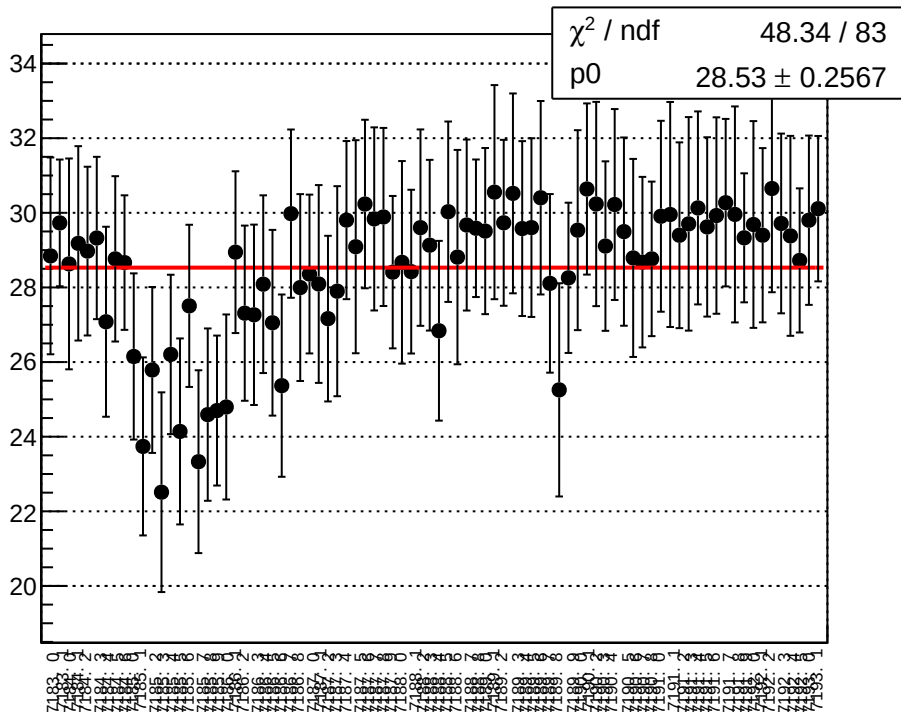
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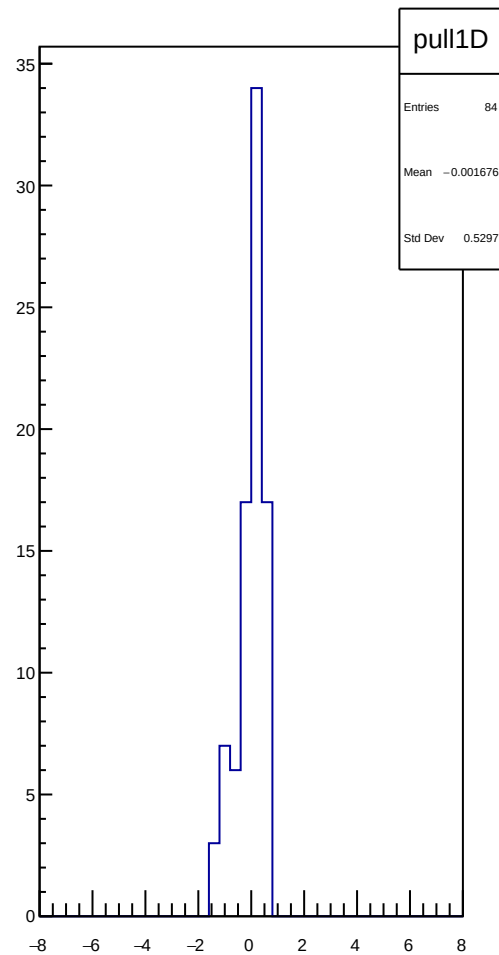
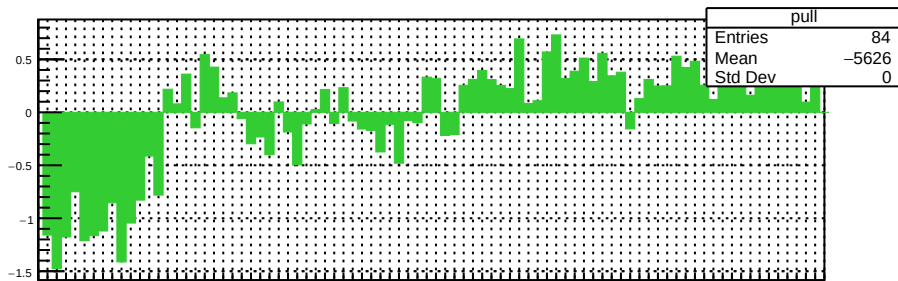
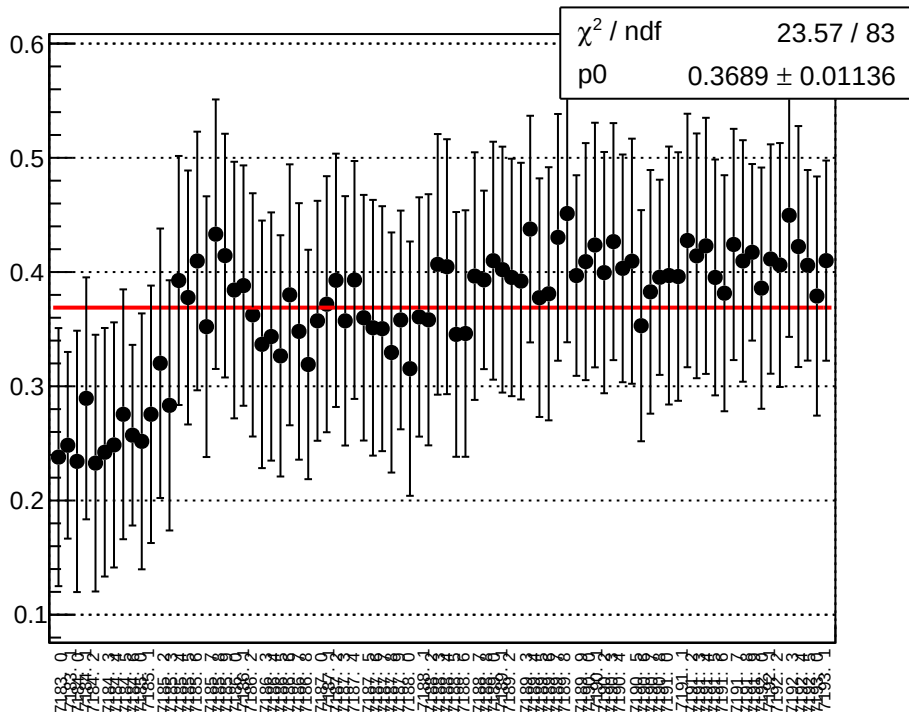
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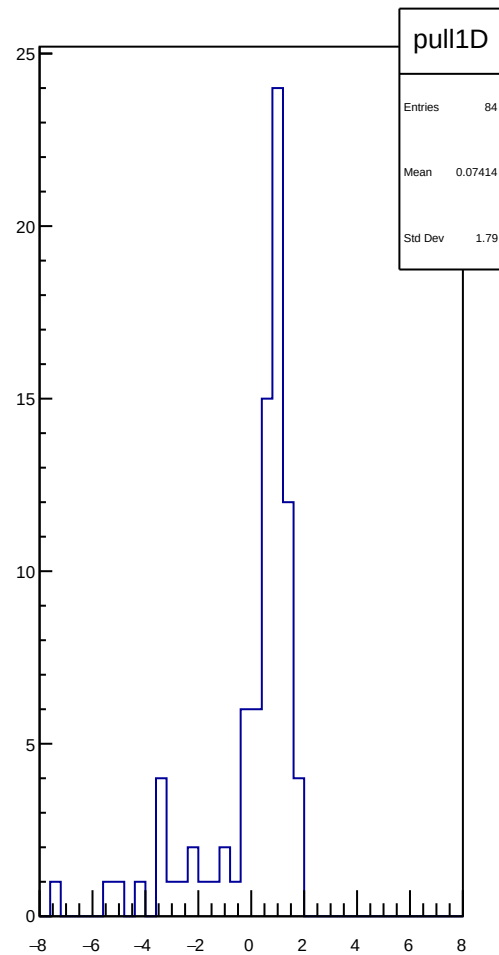
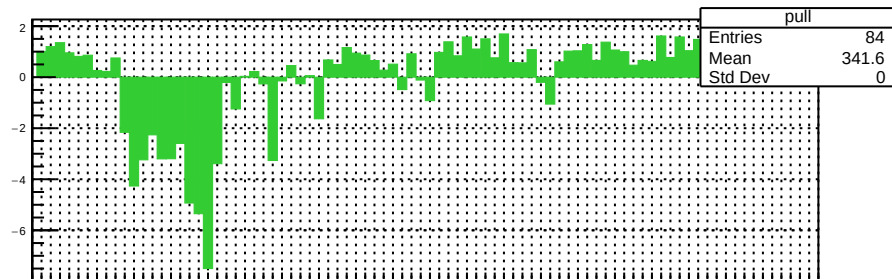
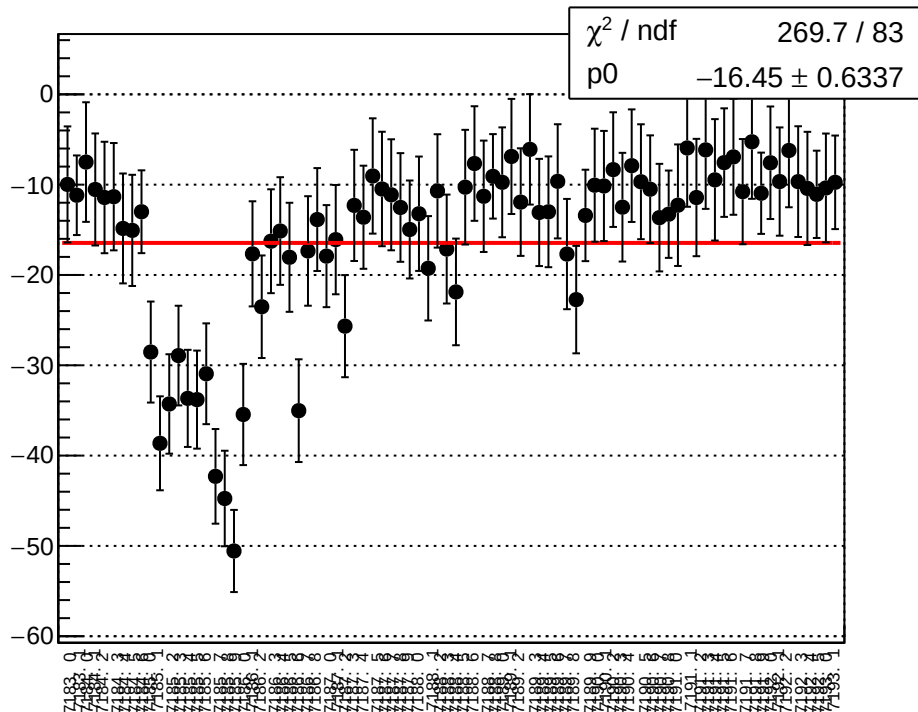
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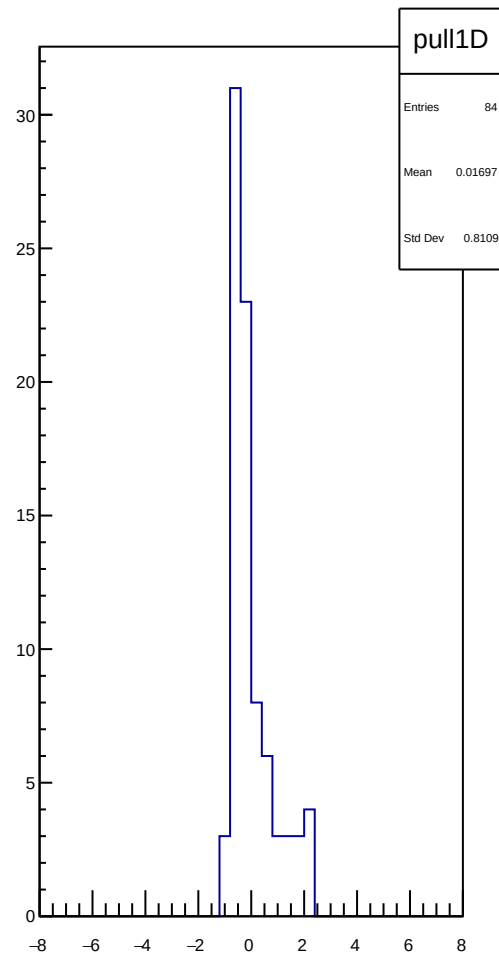
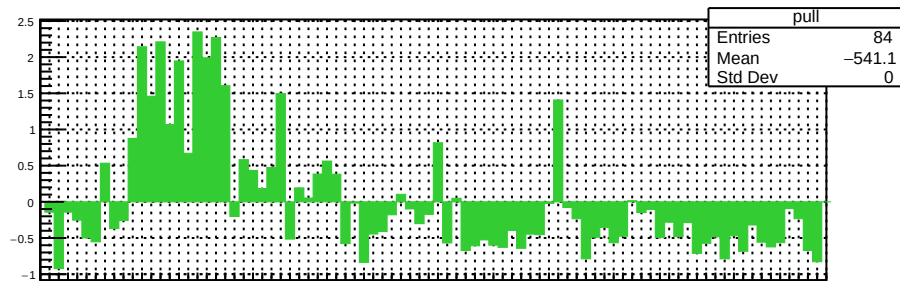
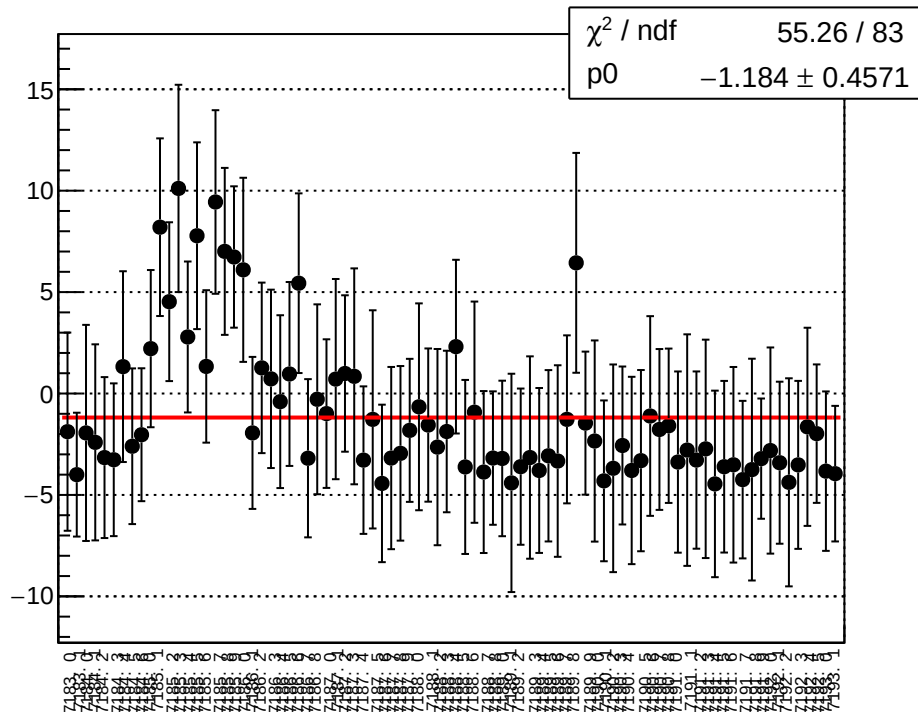
reg_asym_sam_1357_avg_diff_bpm12X_slope vs run



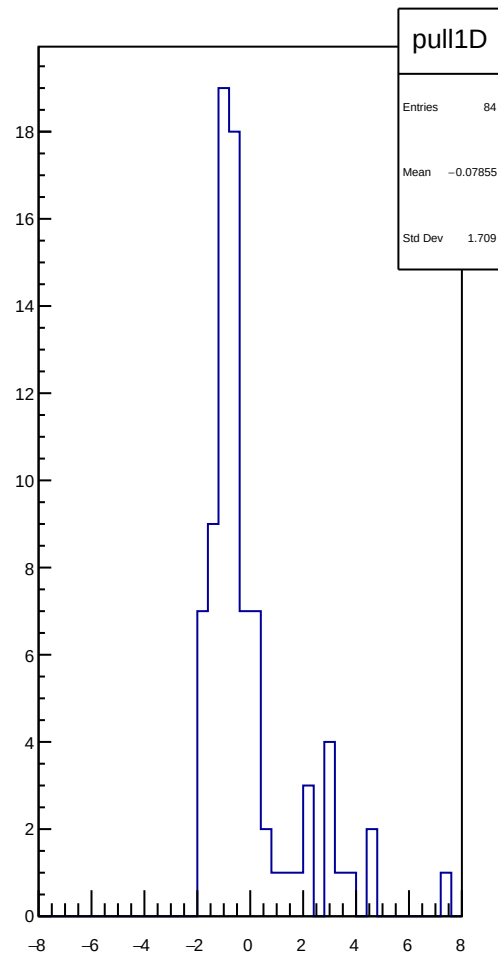
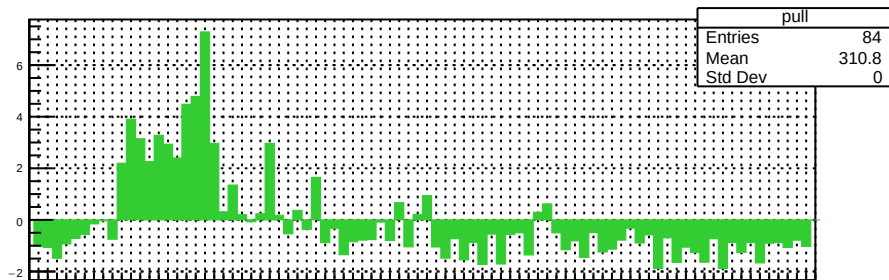
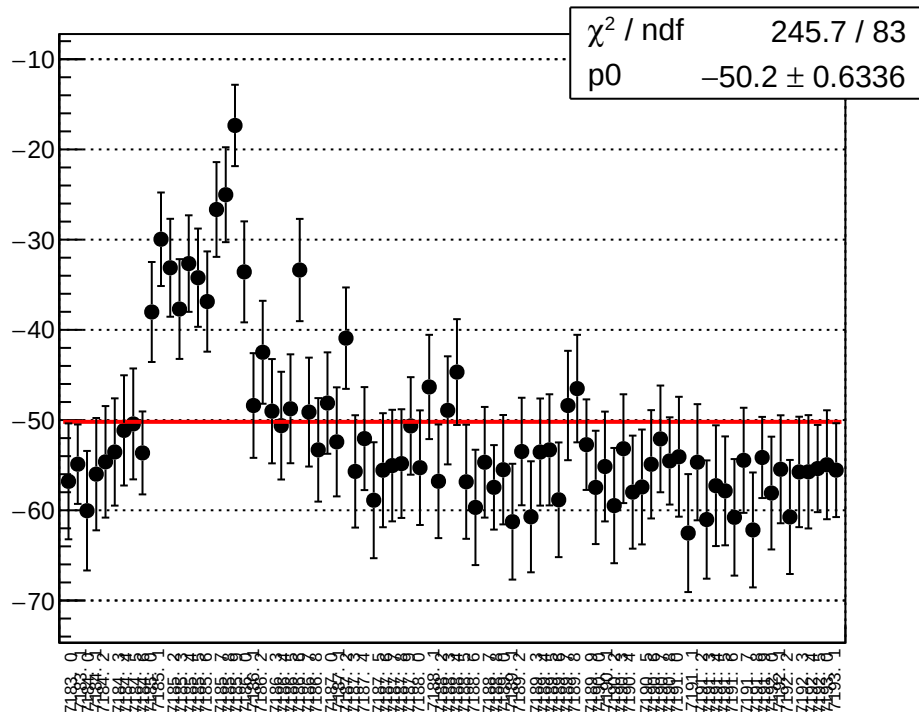
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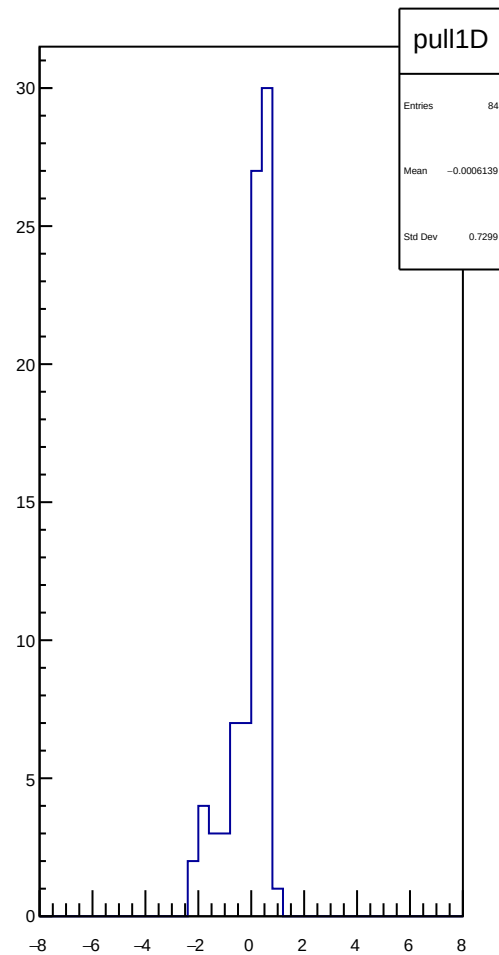
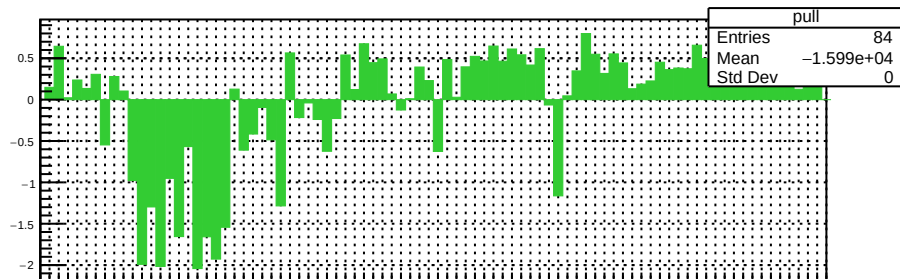
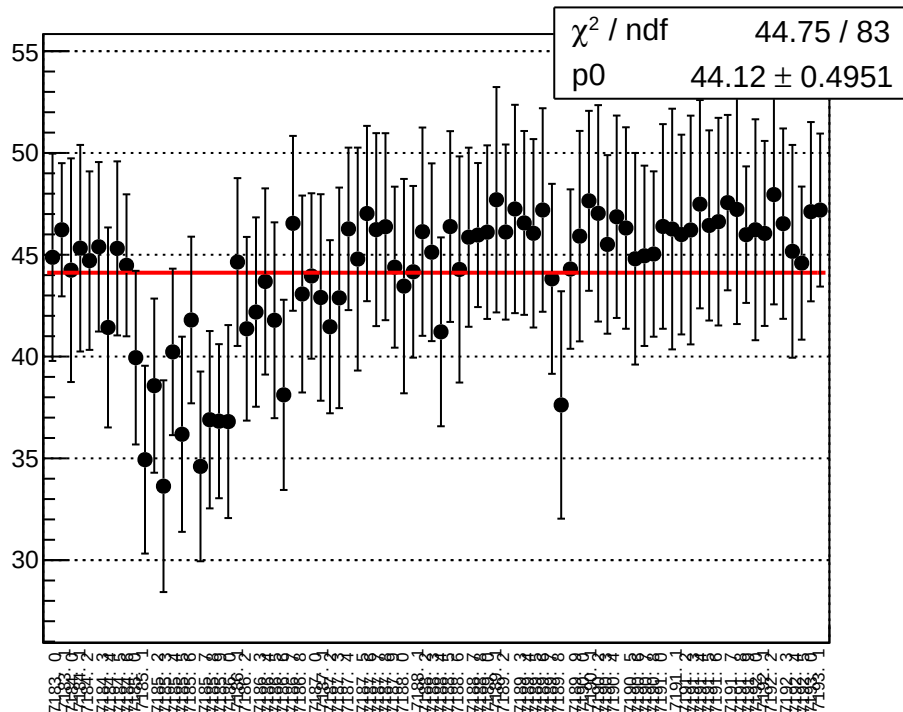
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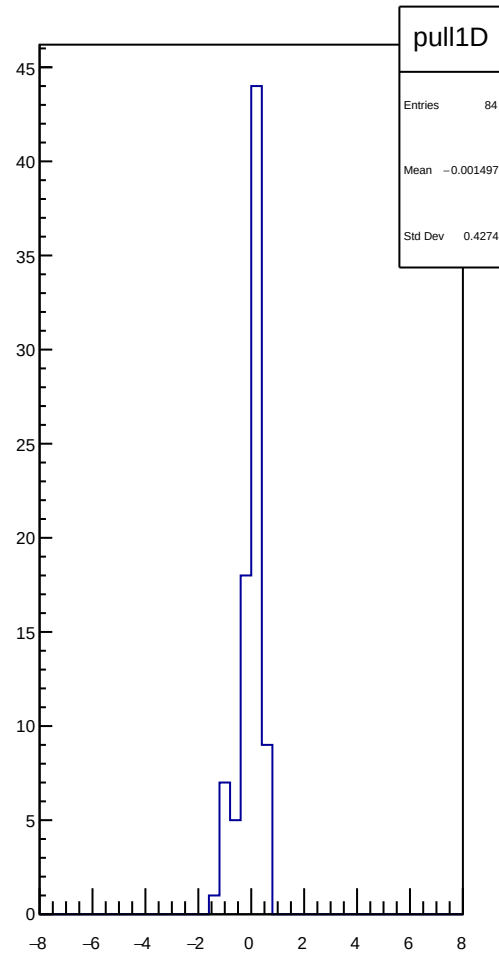
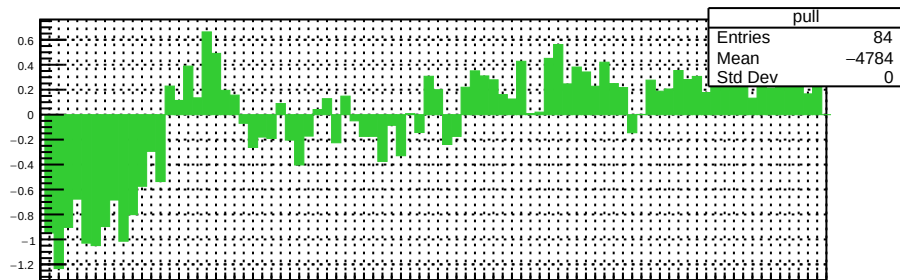
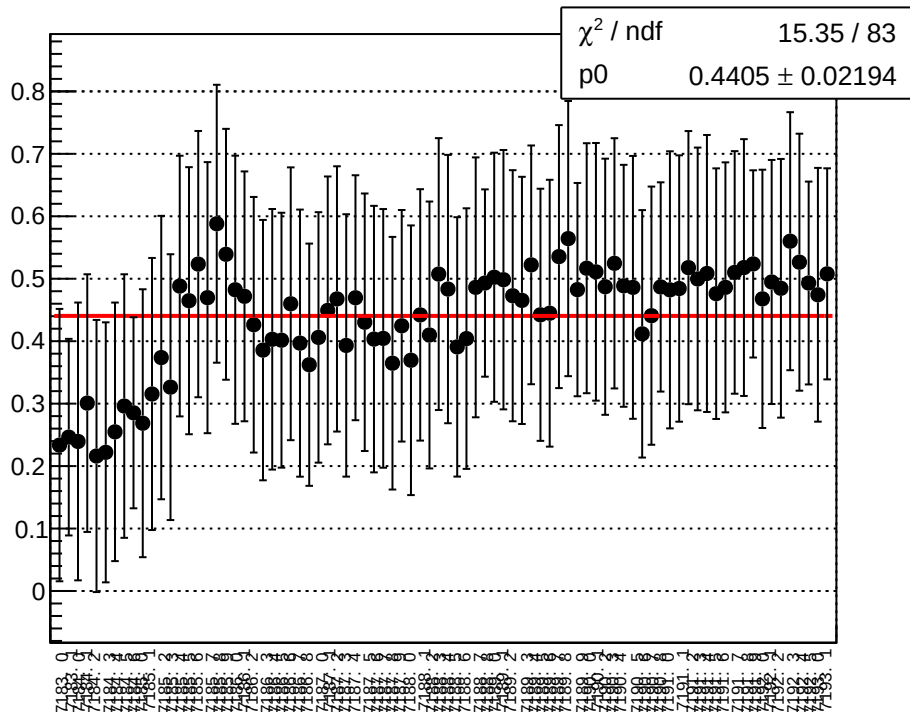
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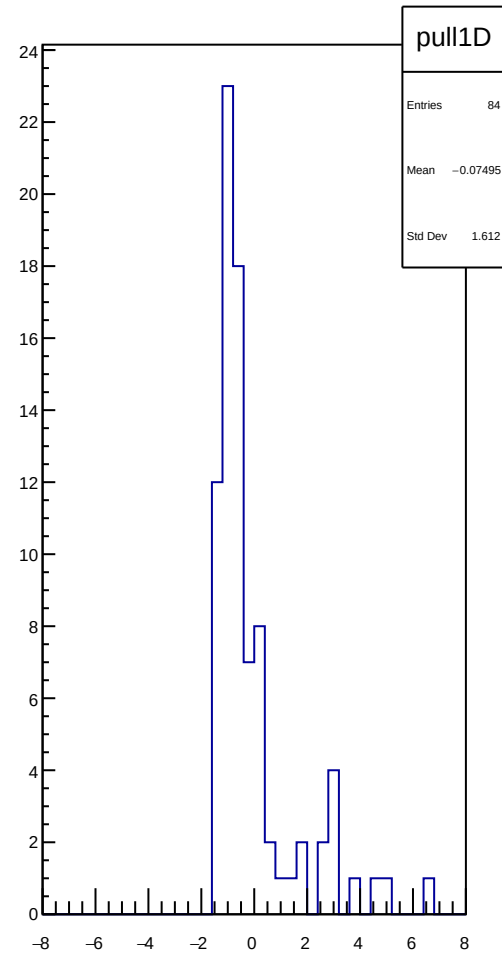
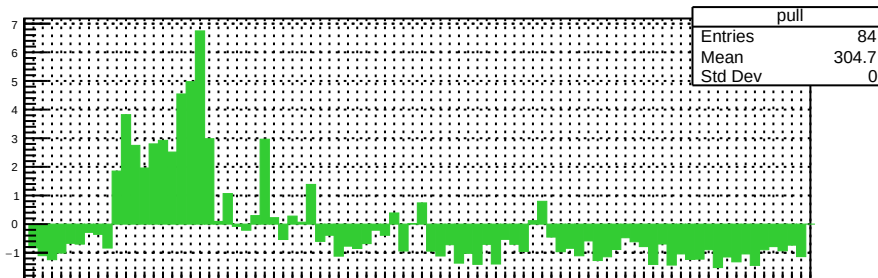
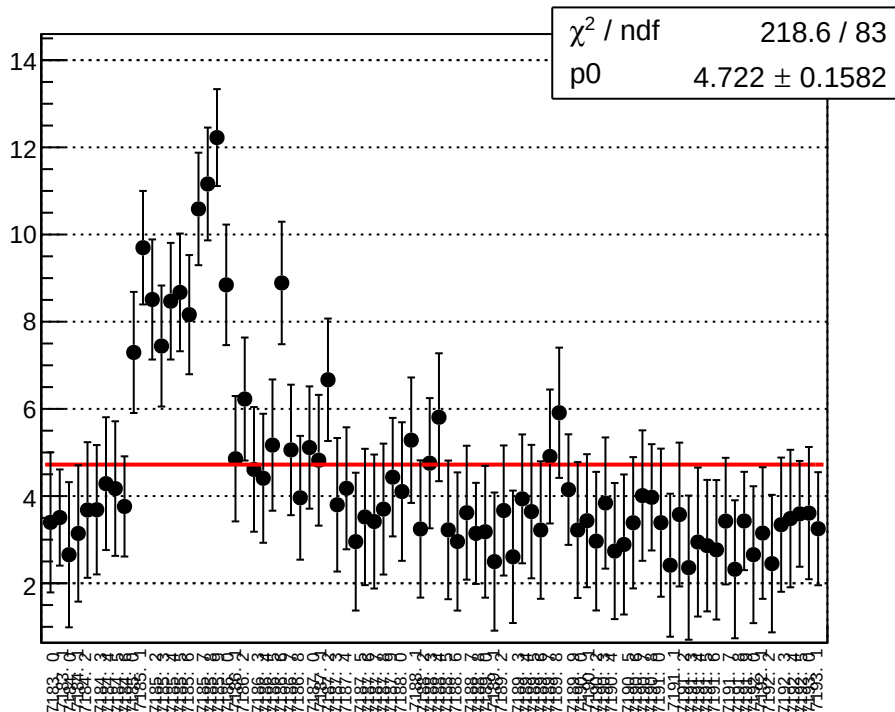
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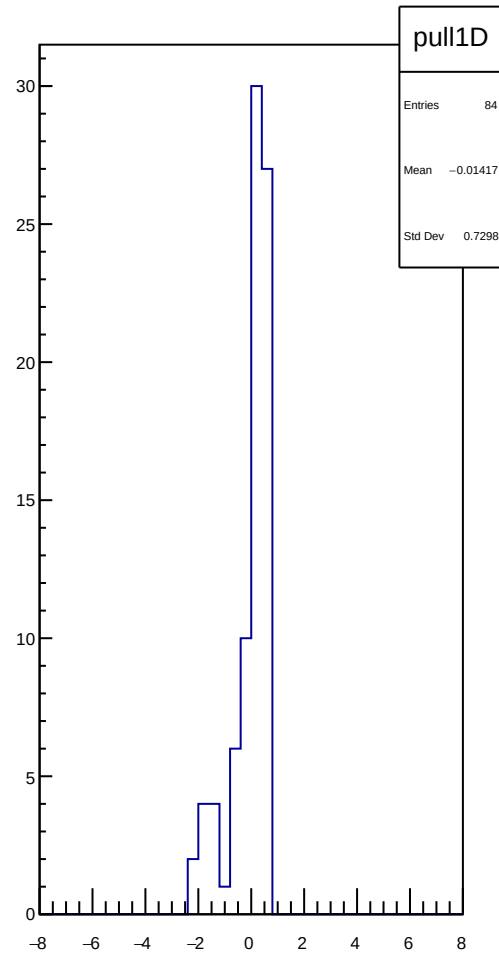
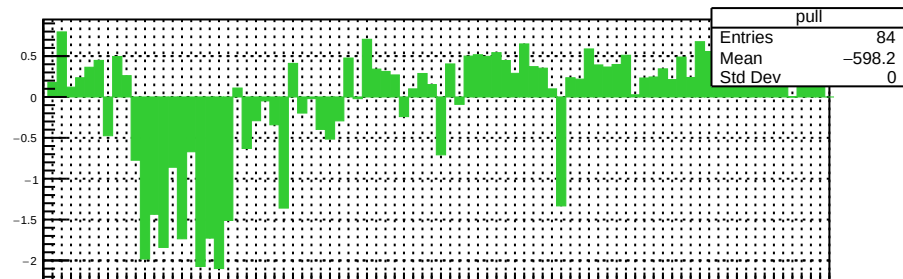
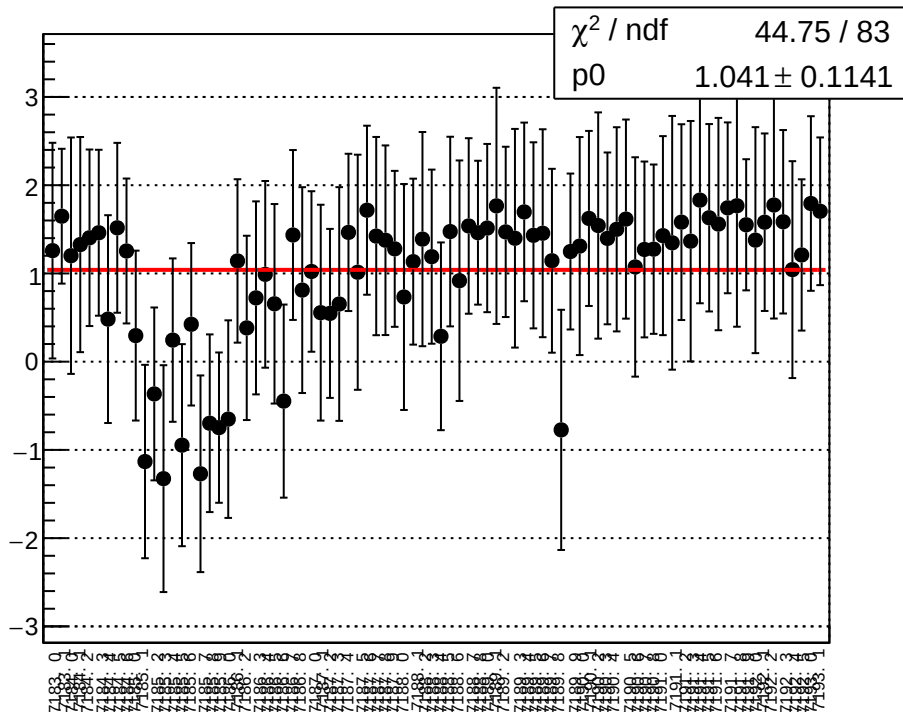
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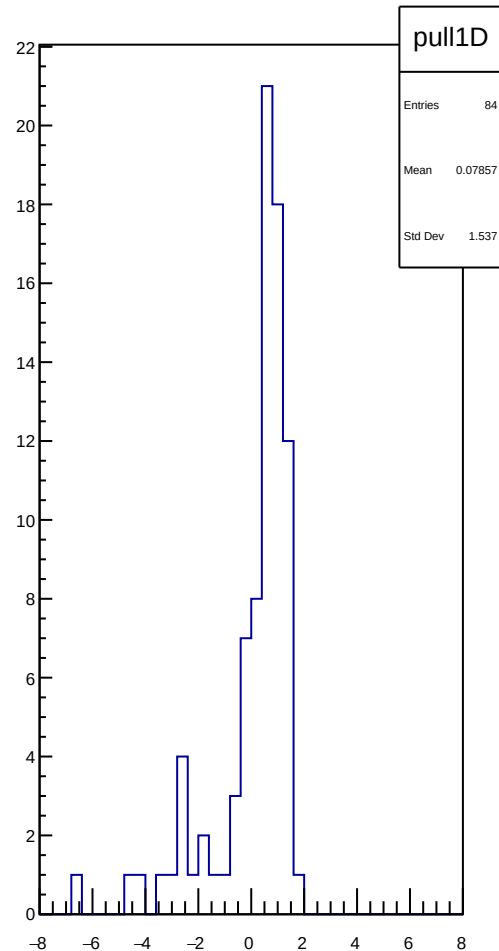
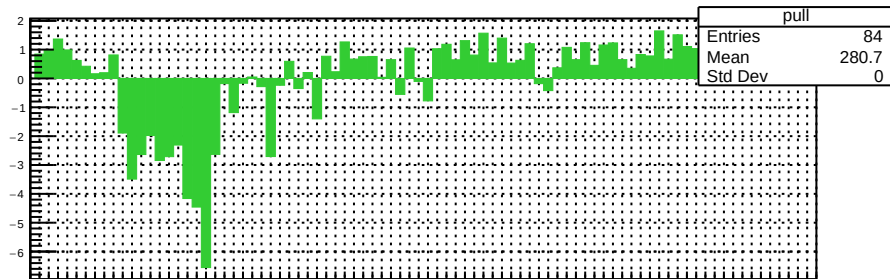
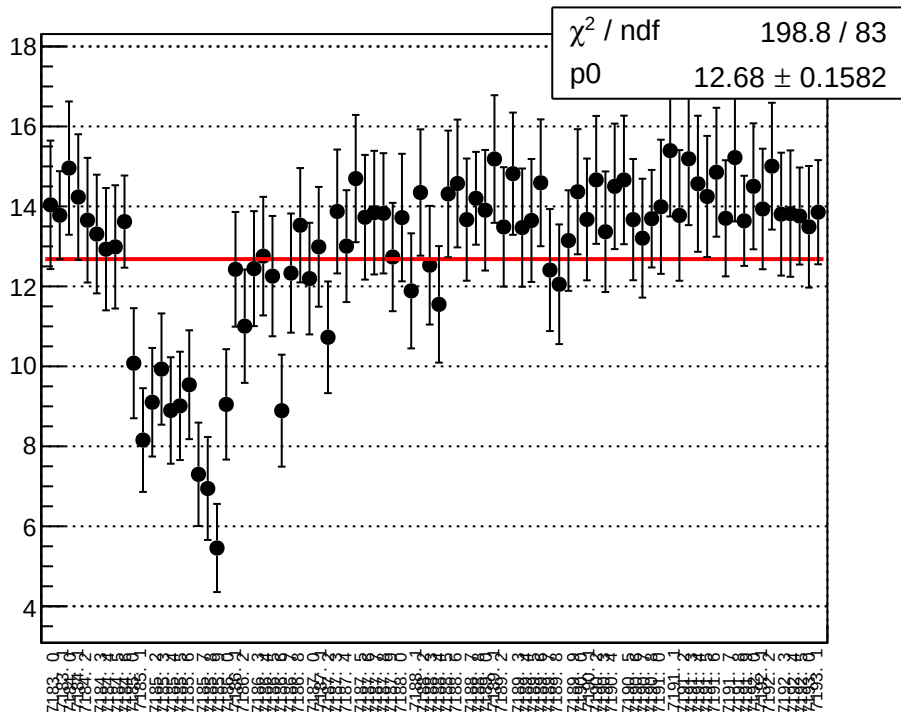
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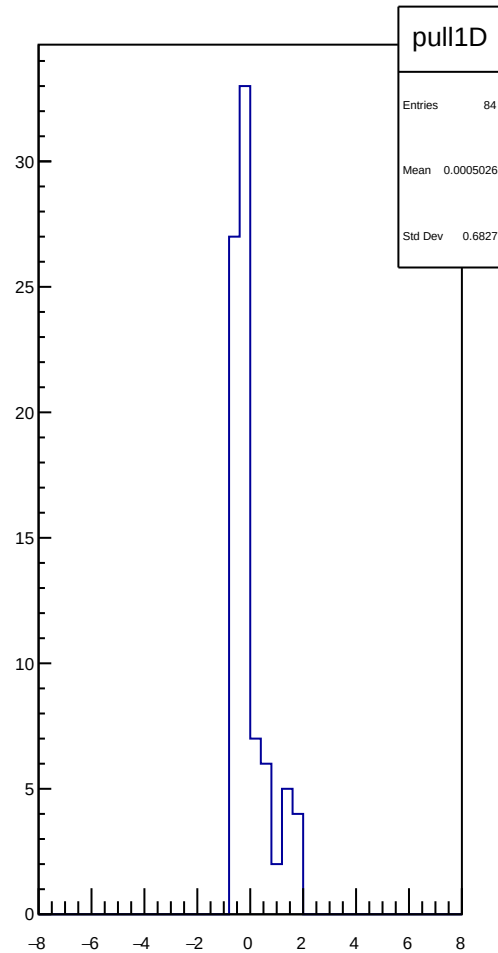
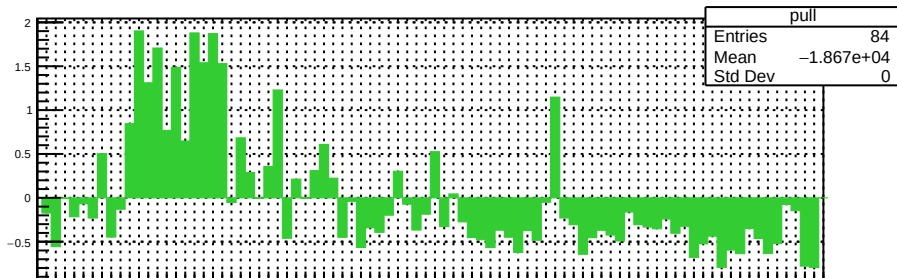
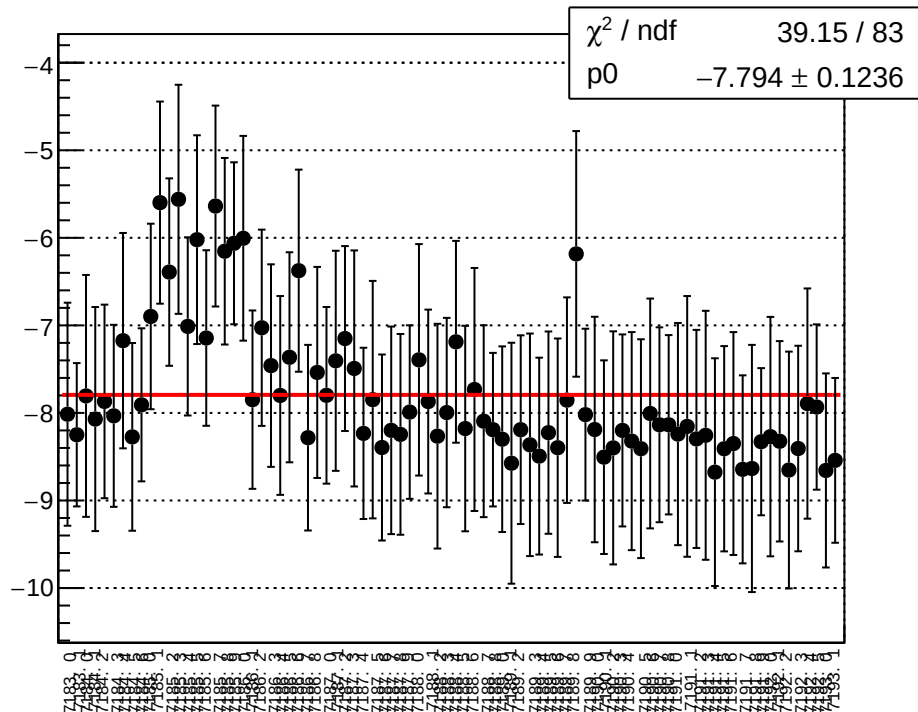
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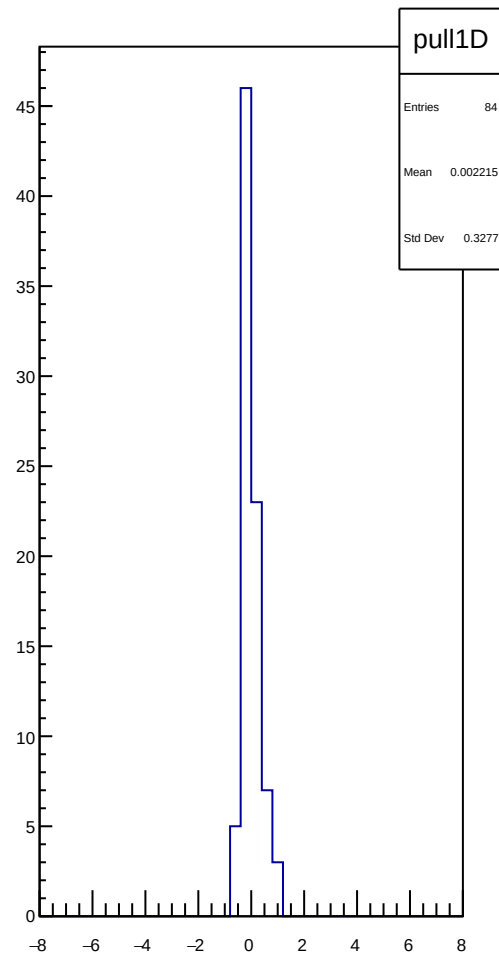
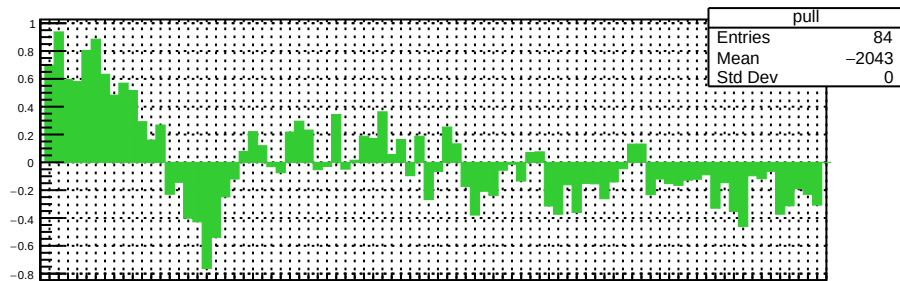
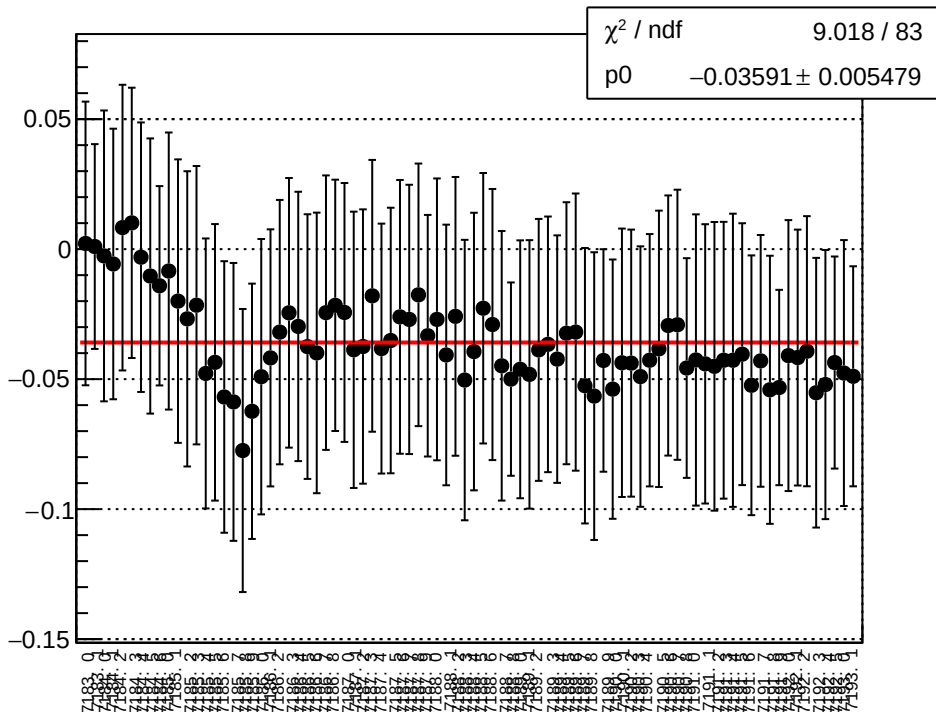
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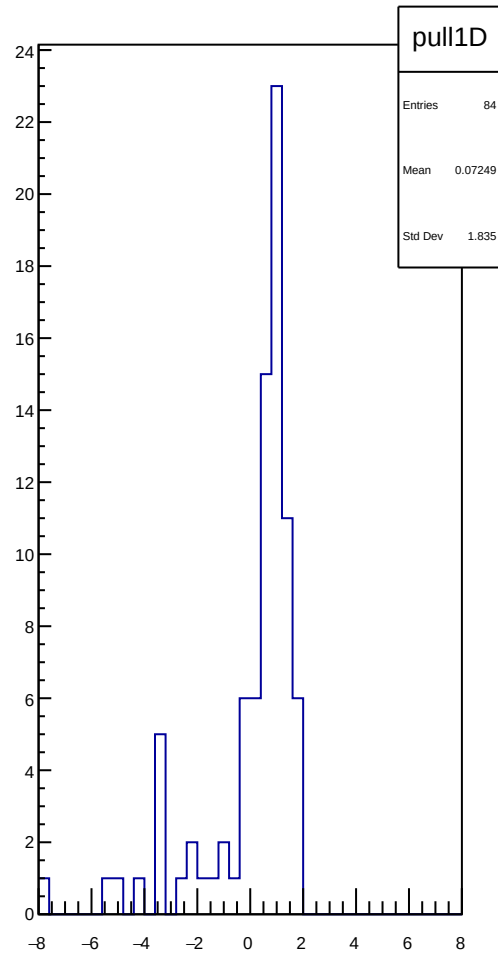
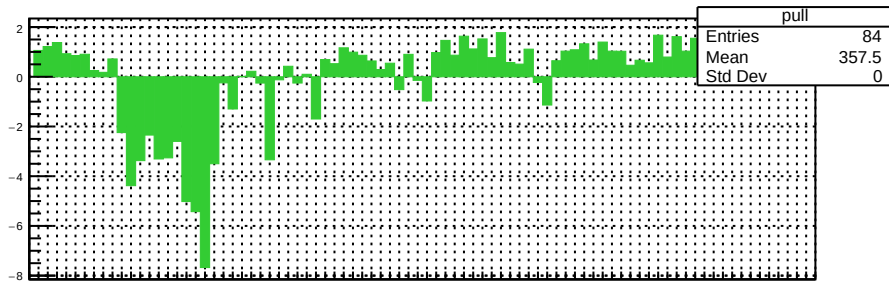
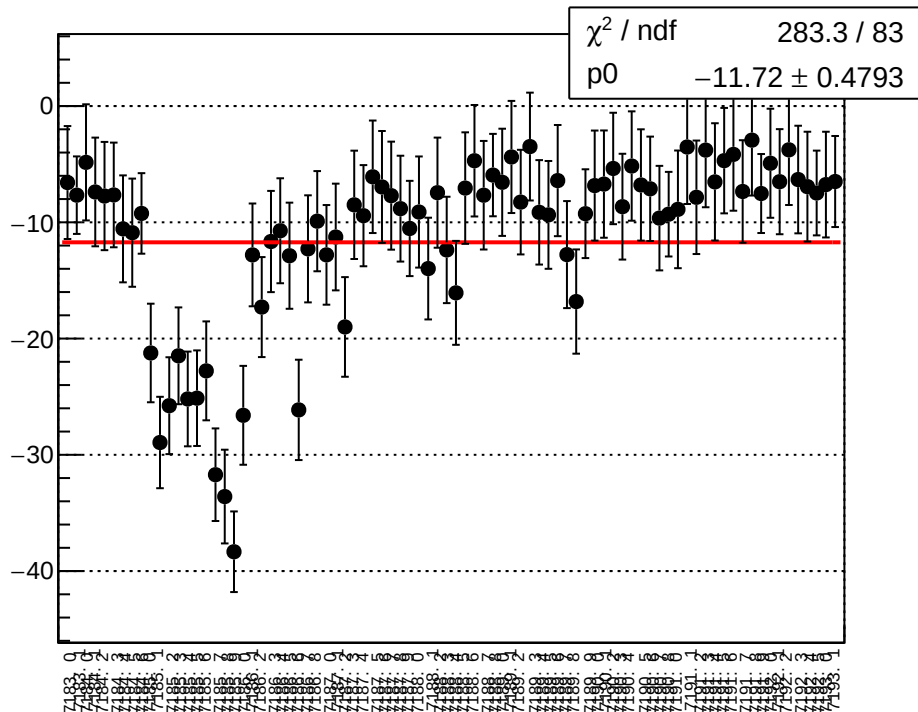
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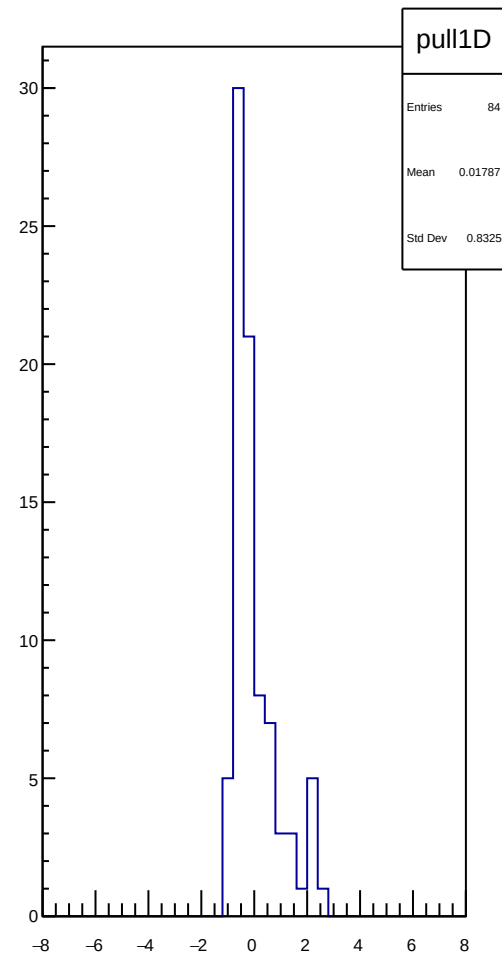
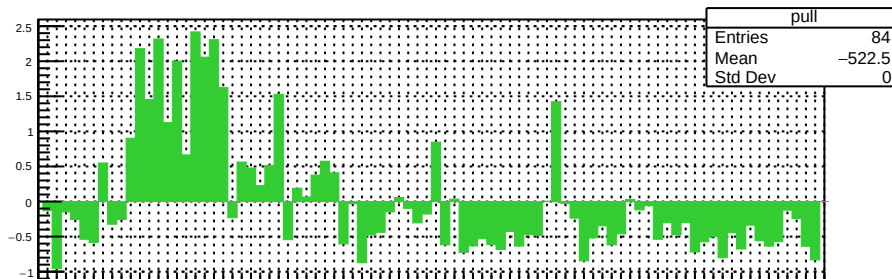
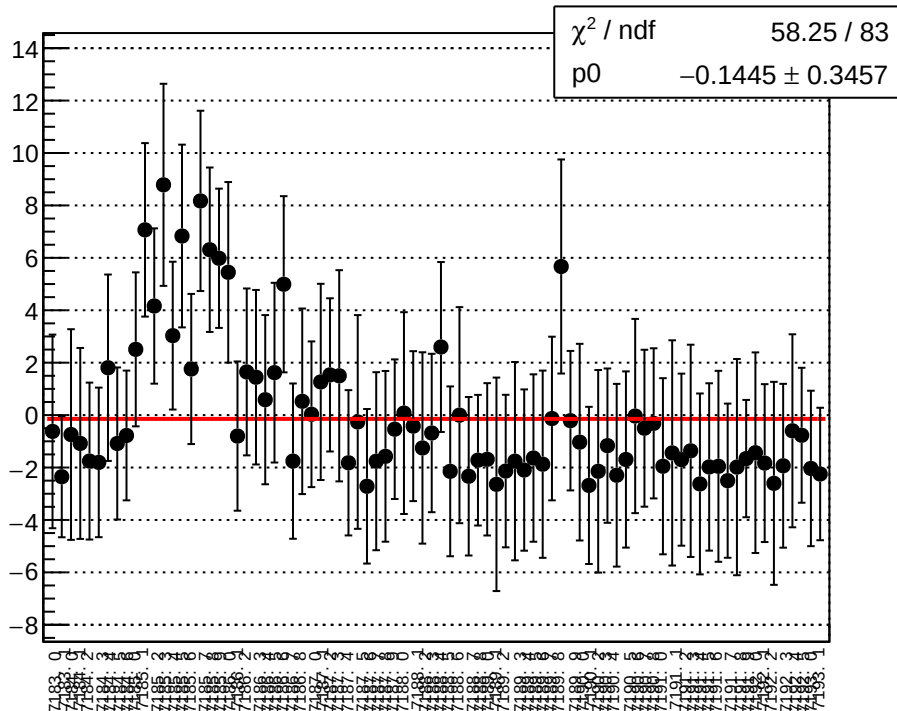
reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run



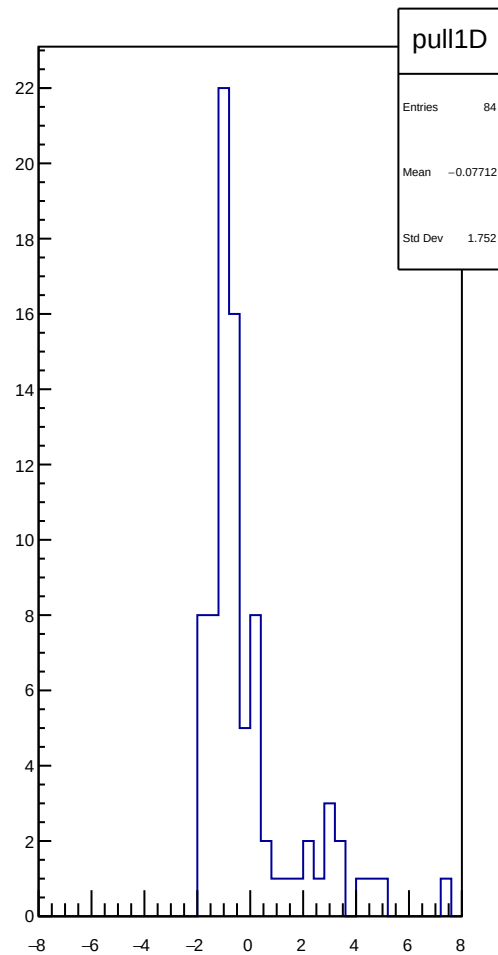
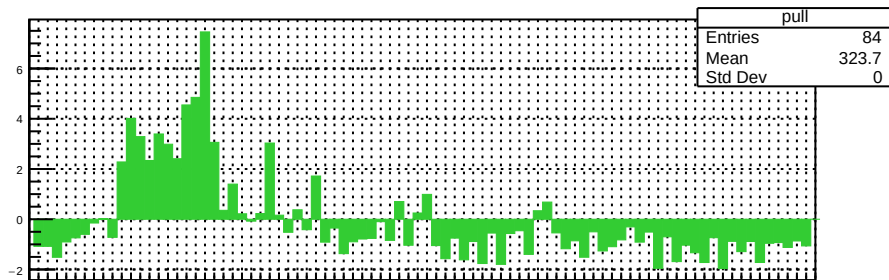
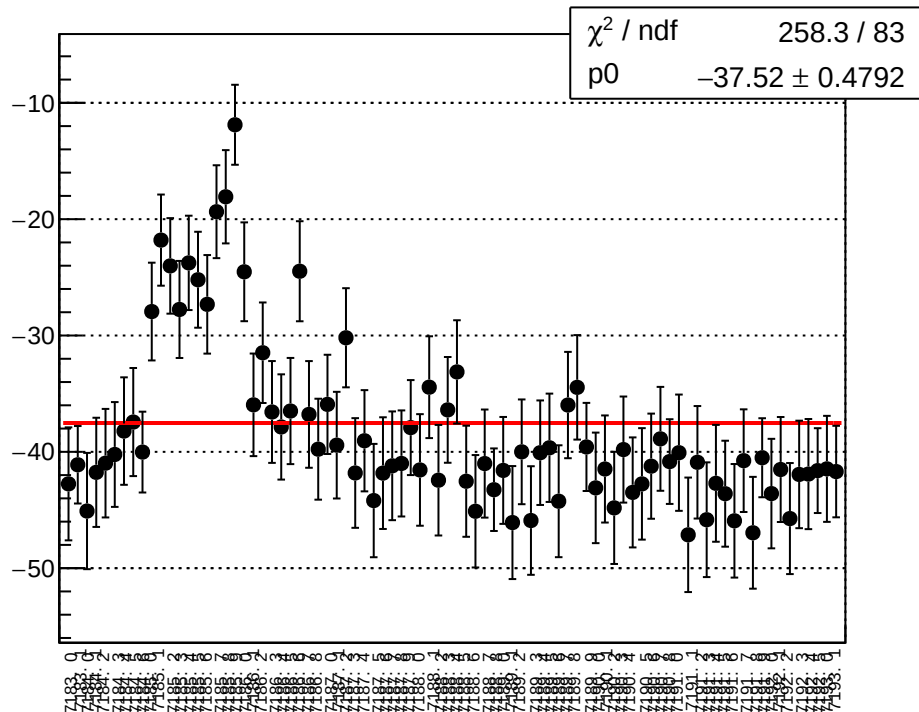
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run



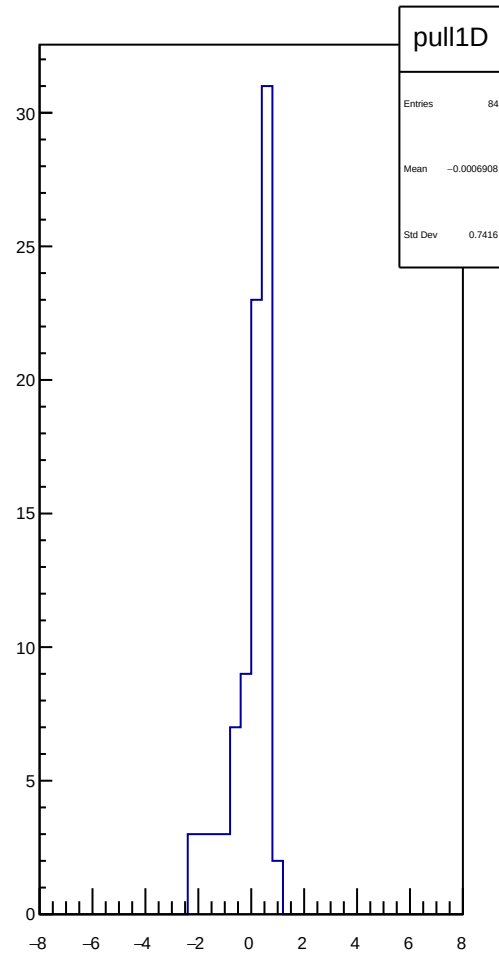
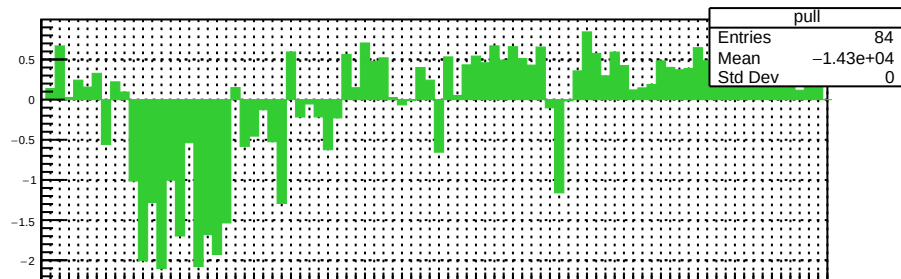
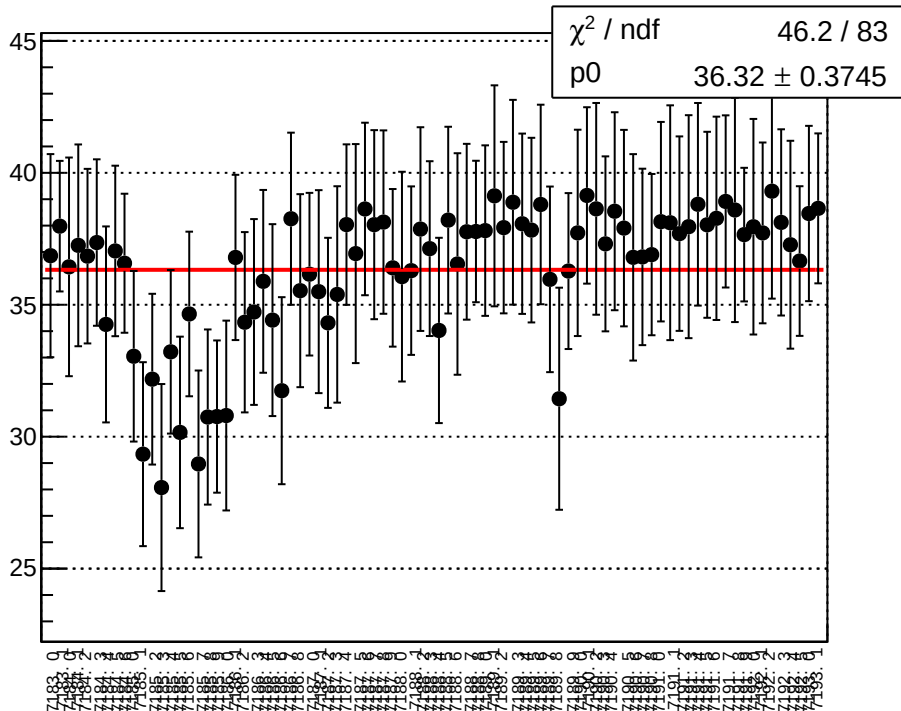
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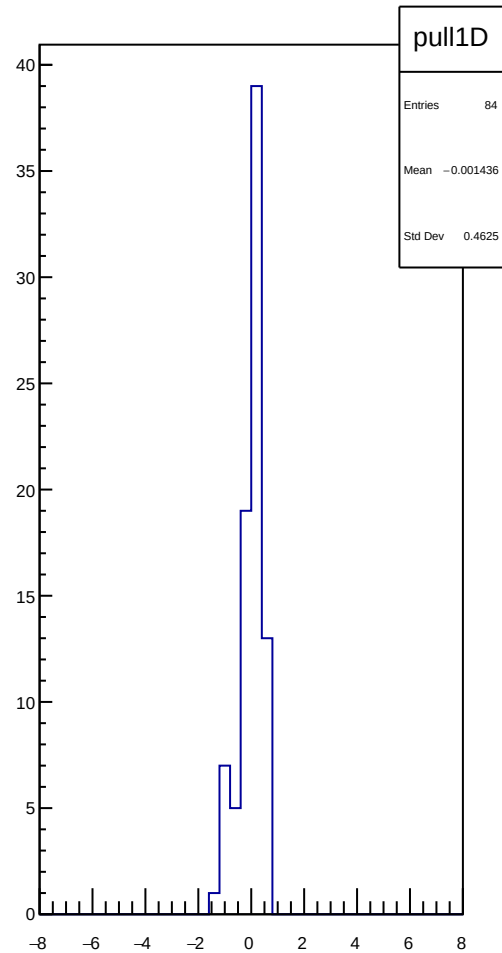
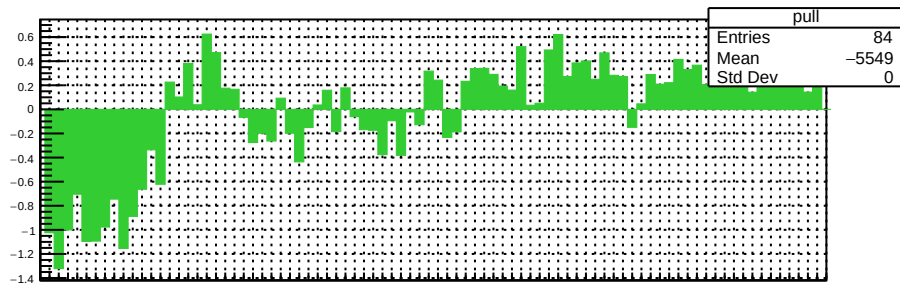
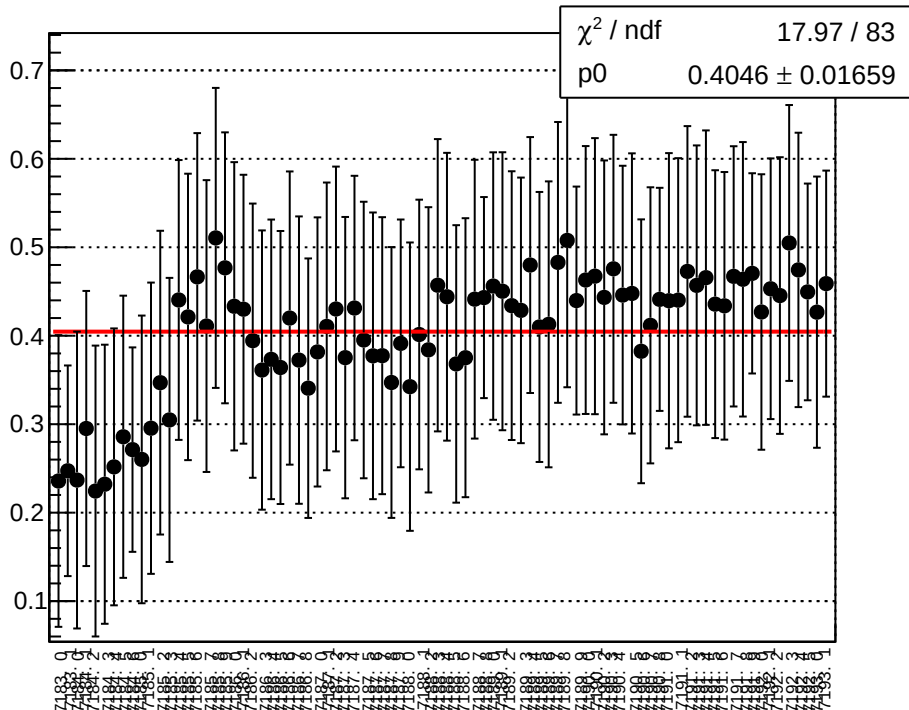
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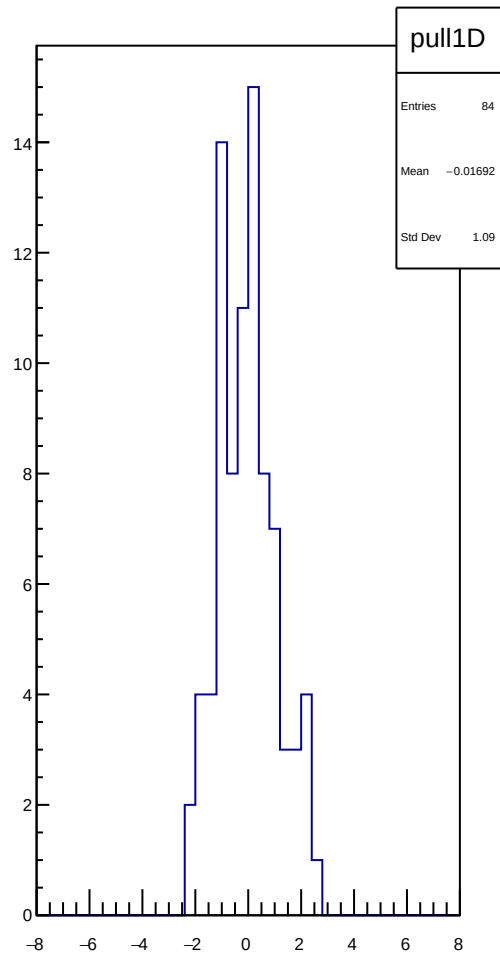
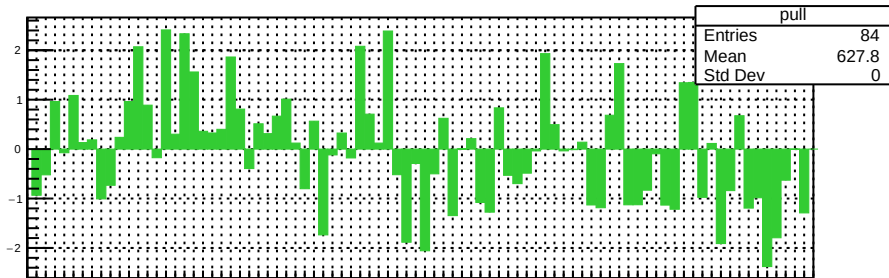
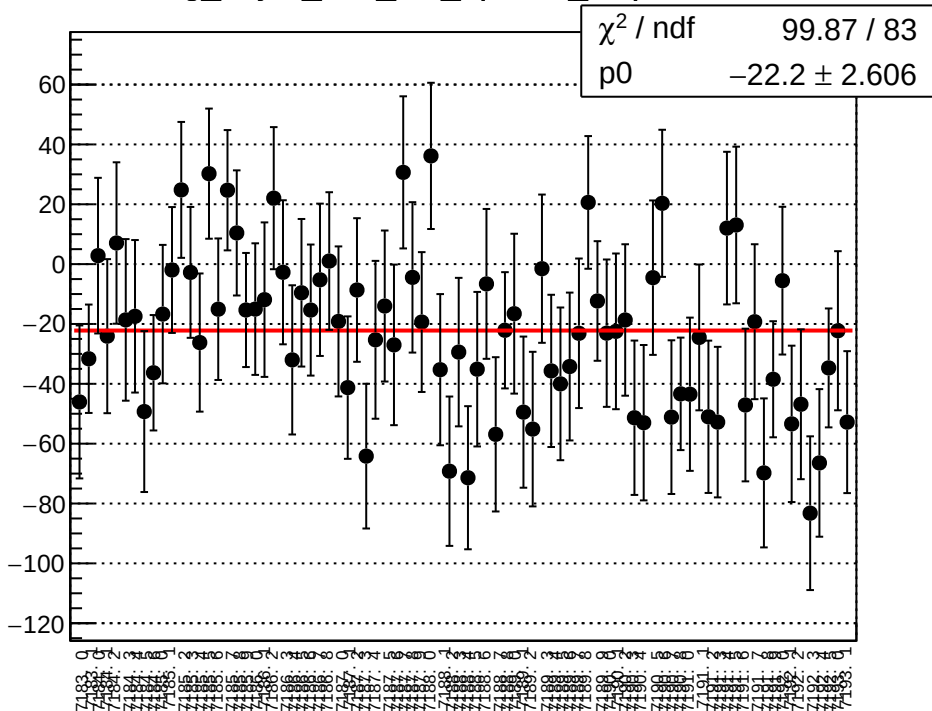
reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run



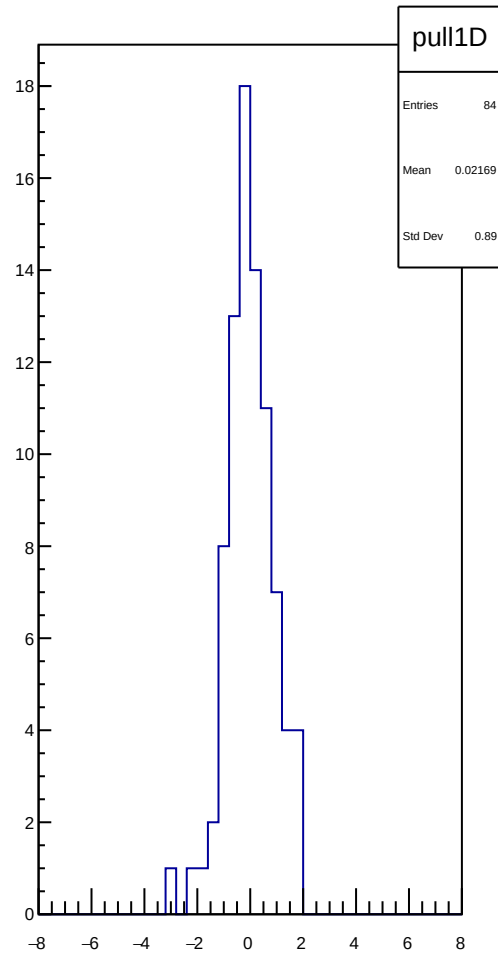
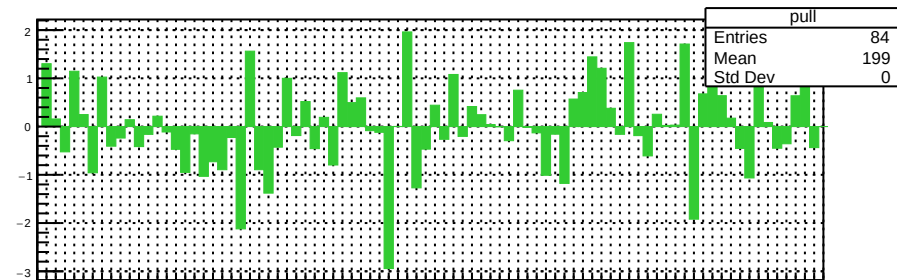
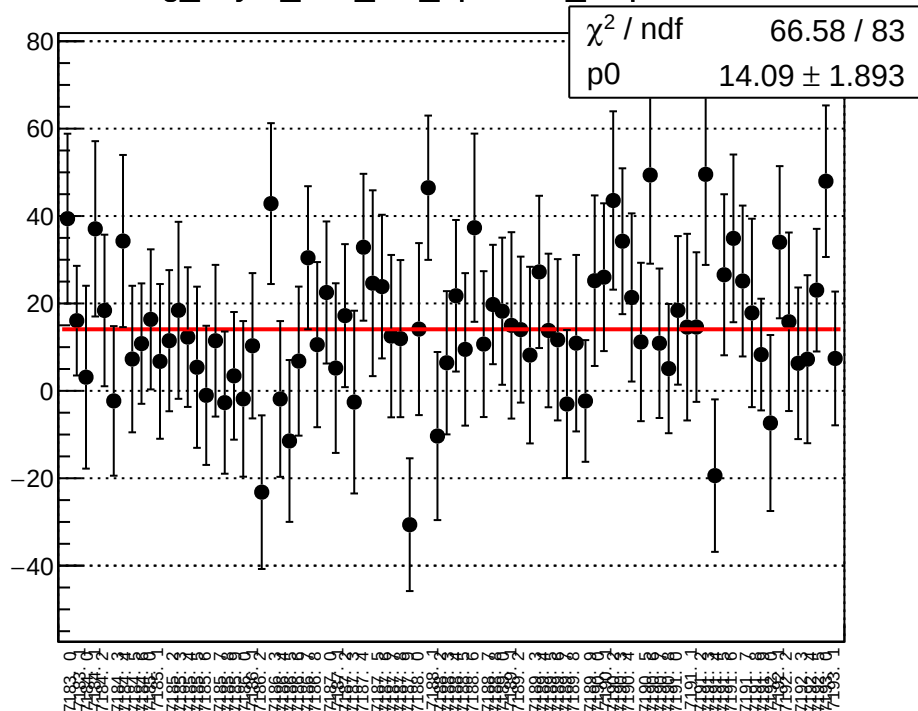
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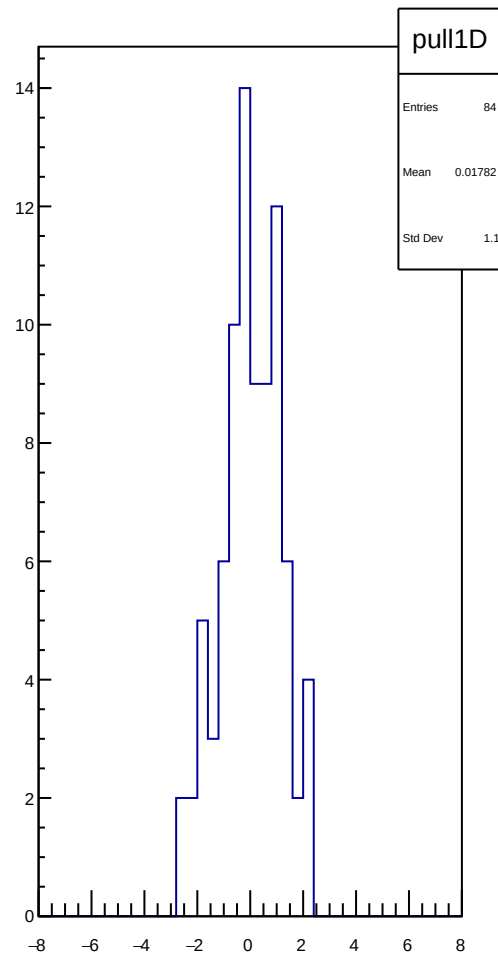
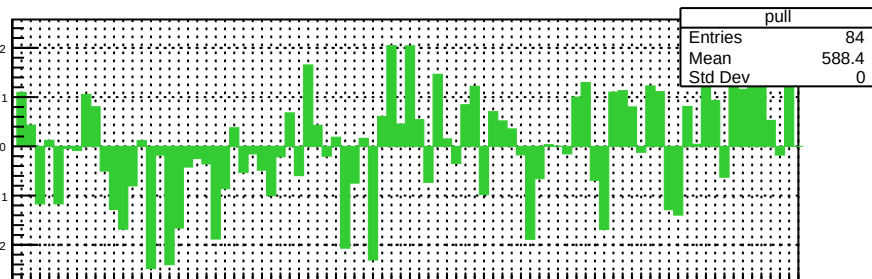
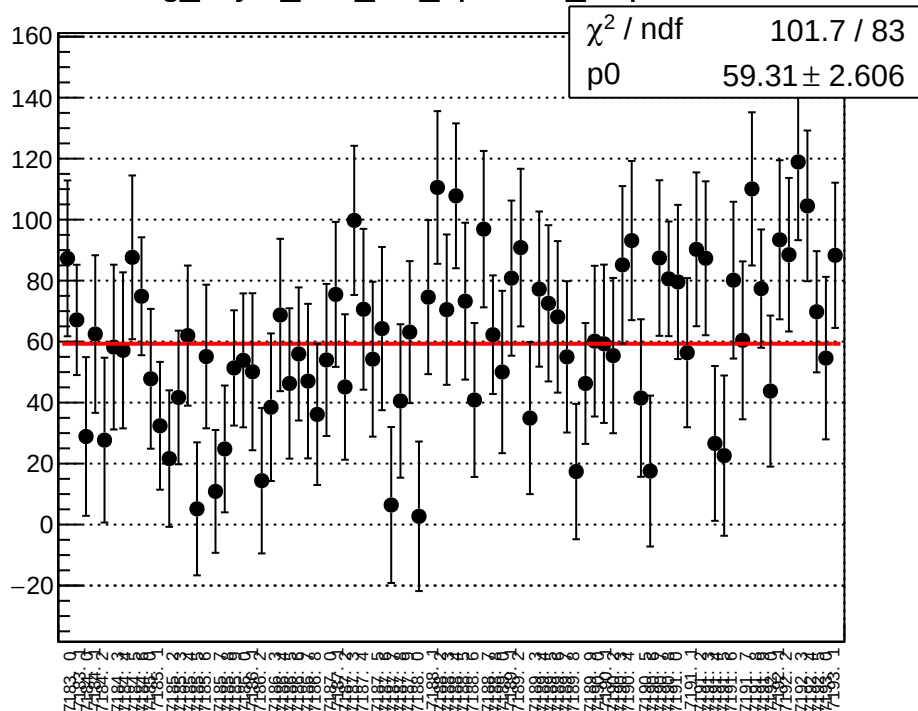
reg_asym_atl1_diff_bpm1X_slope vs run



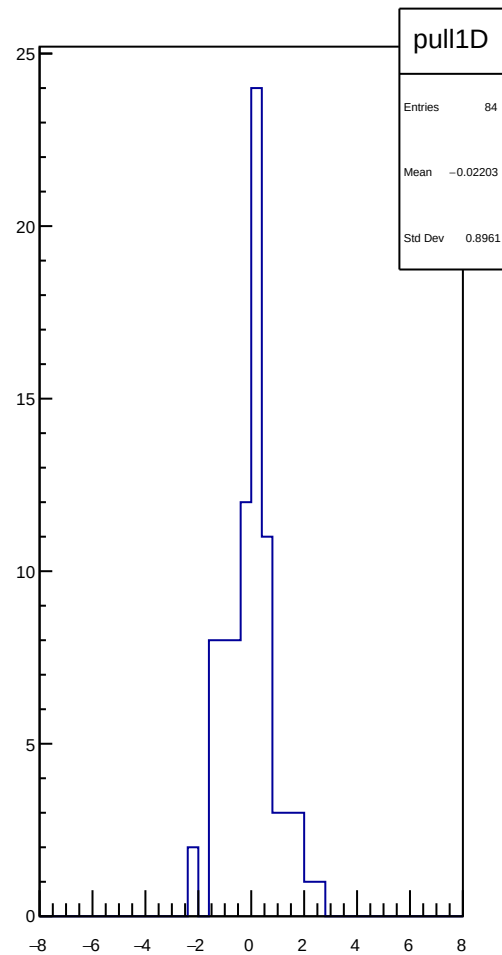
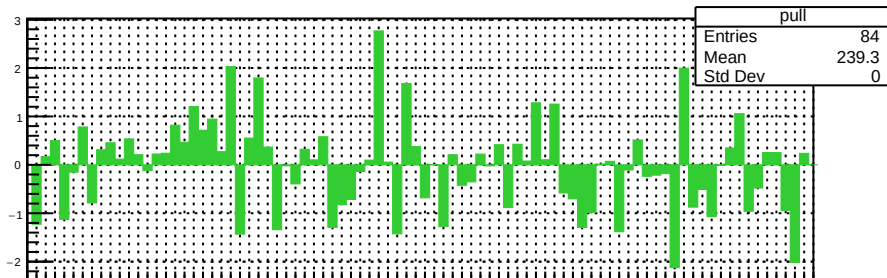
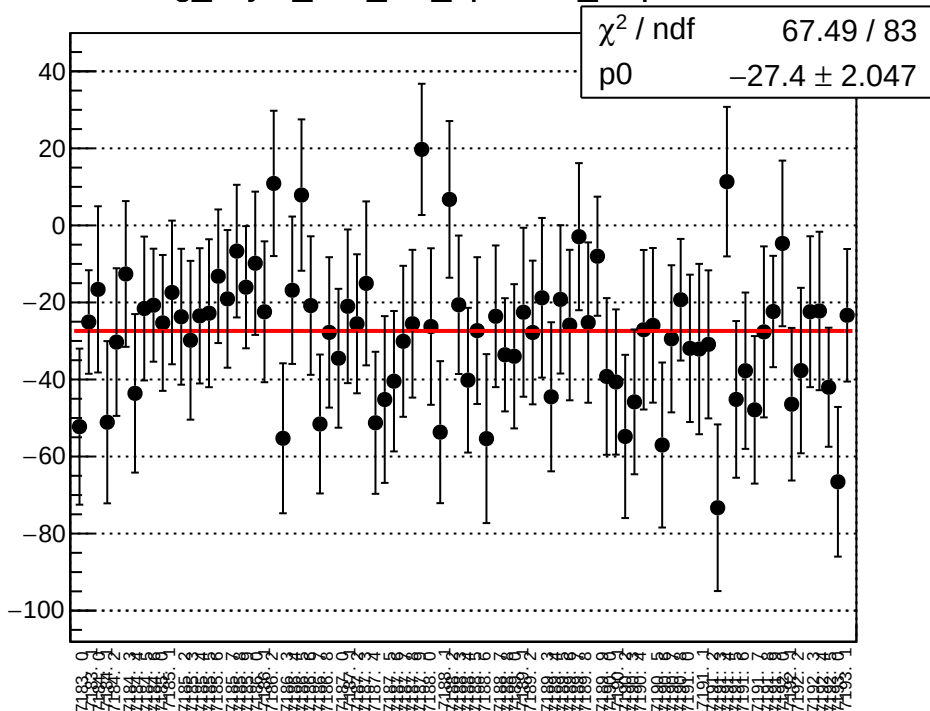
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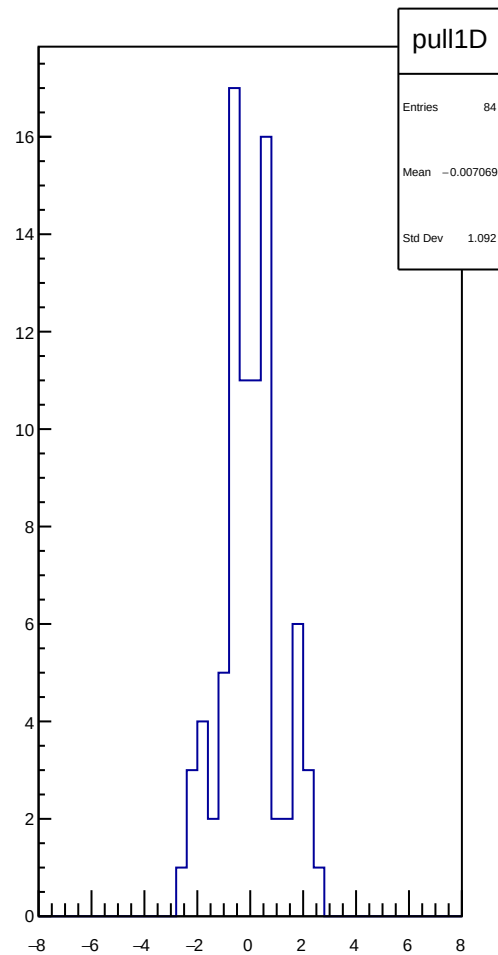
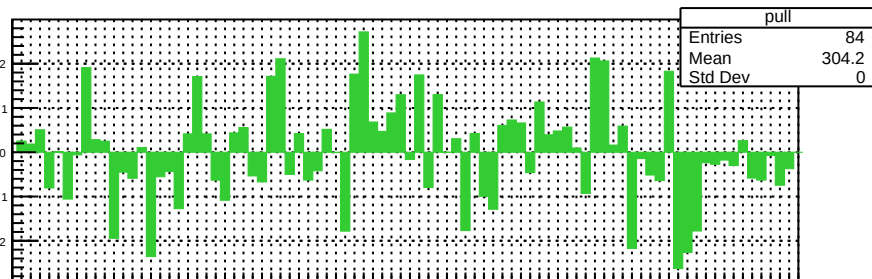
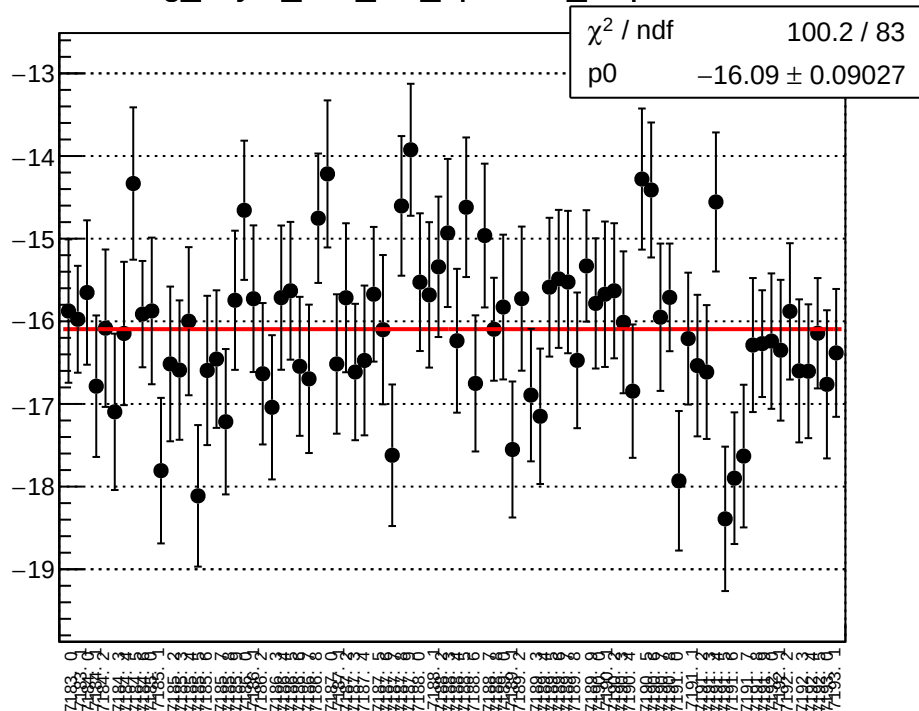
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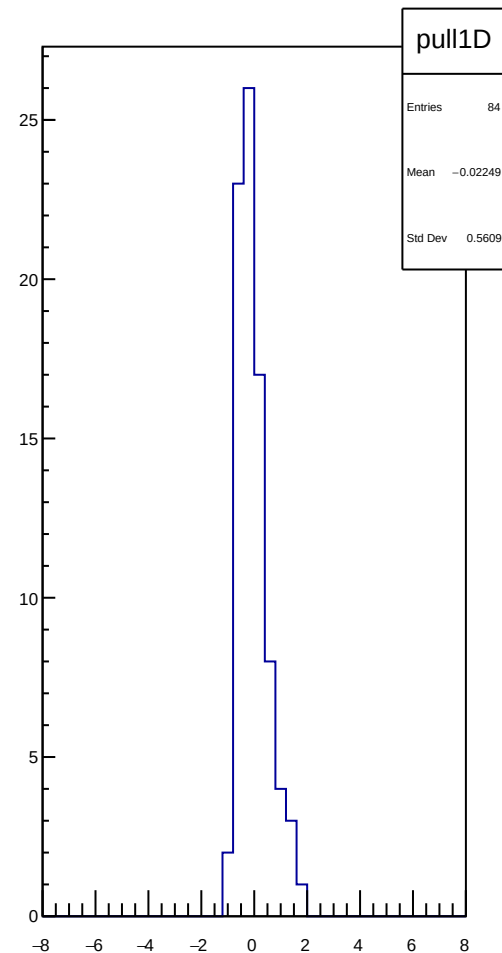
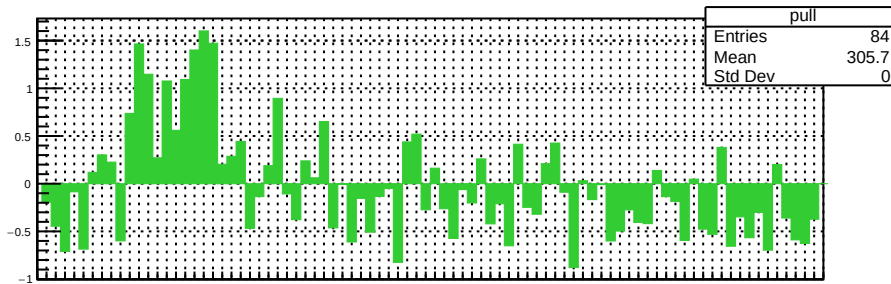
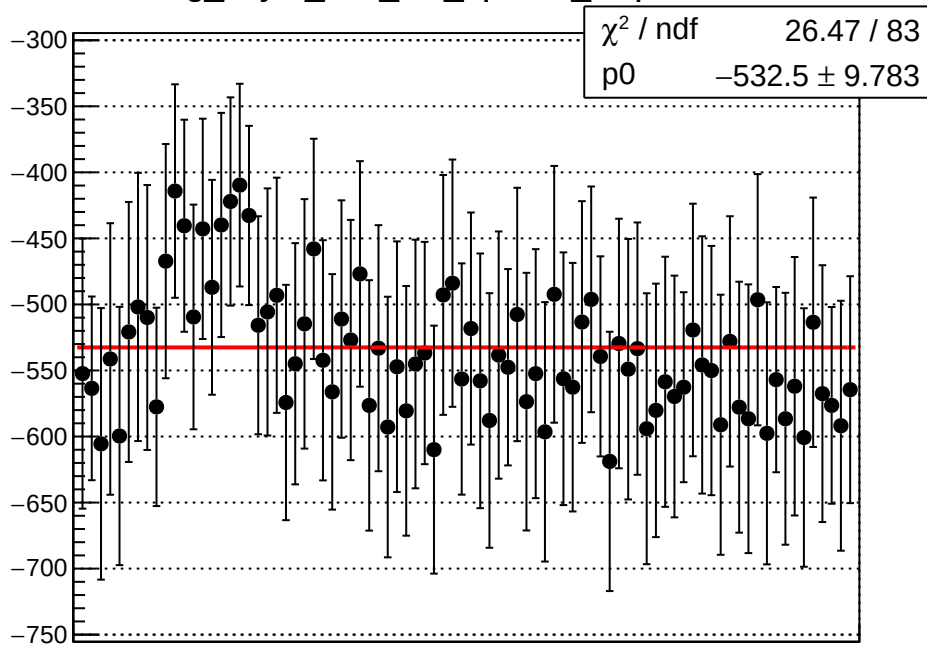
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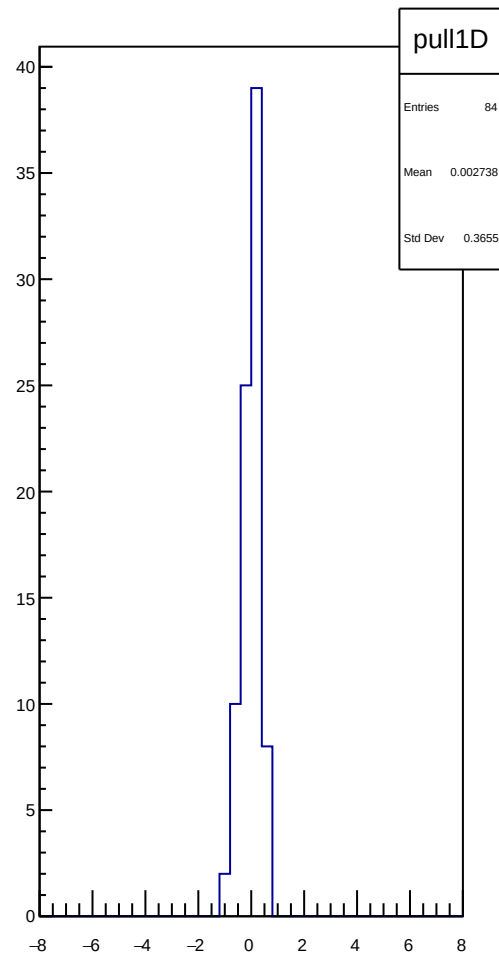
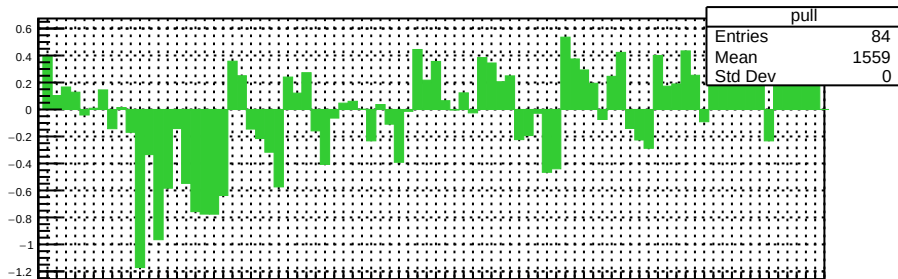
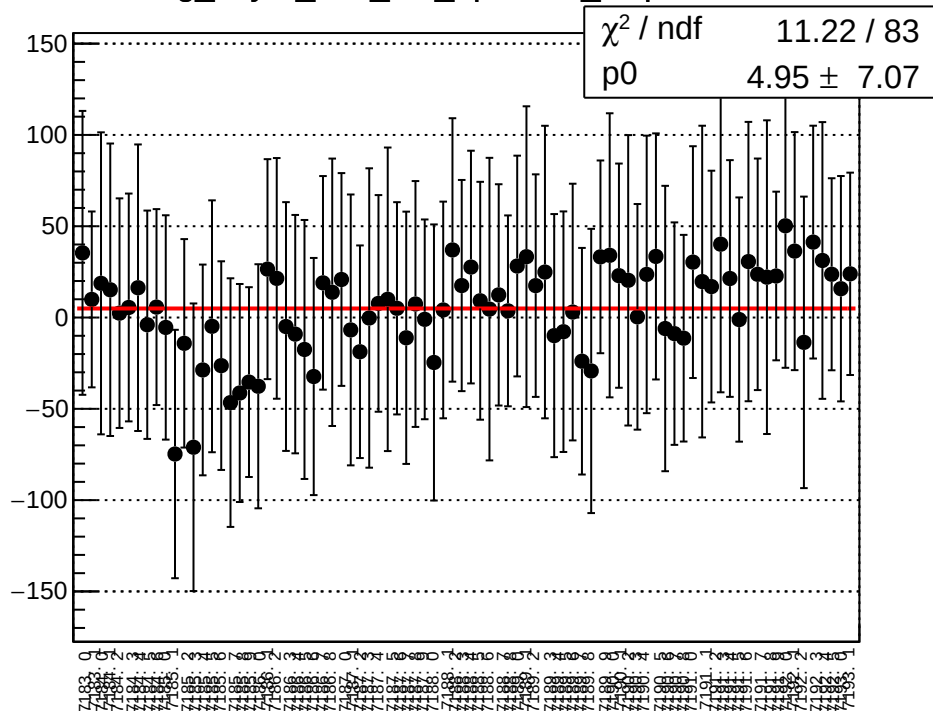
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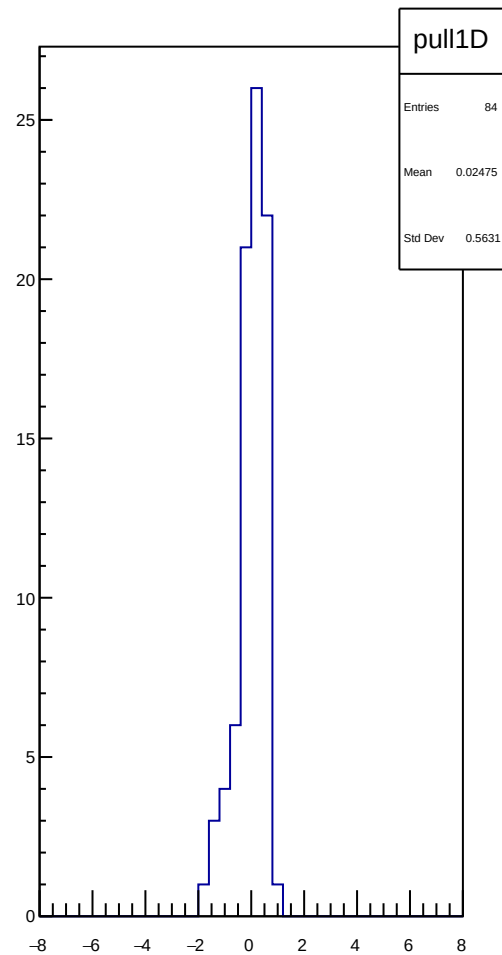
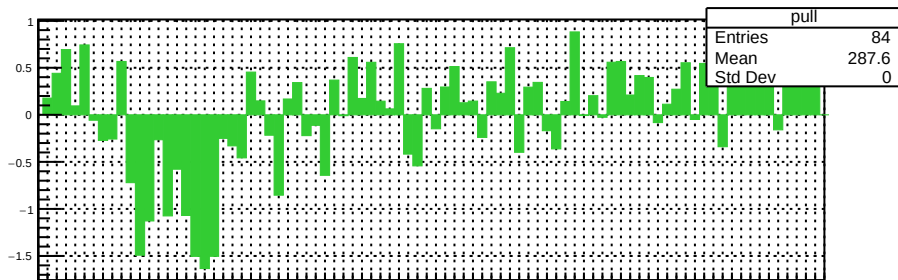
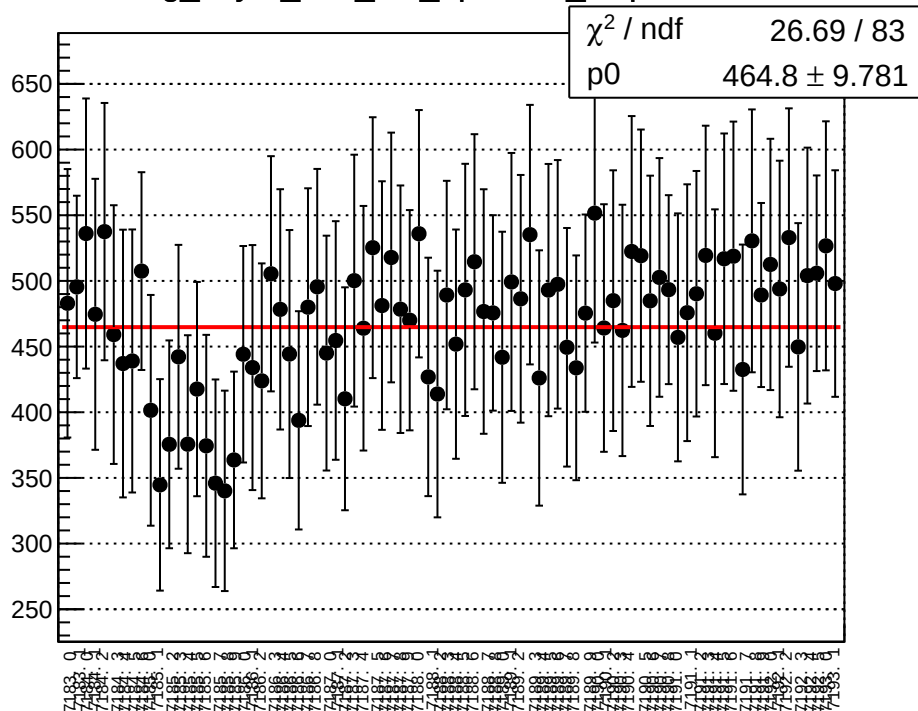
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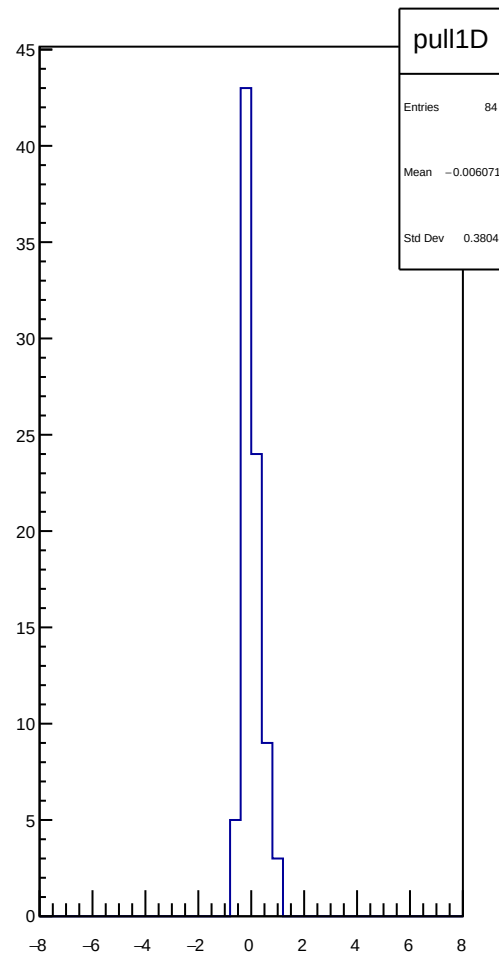
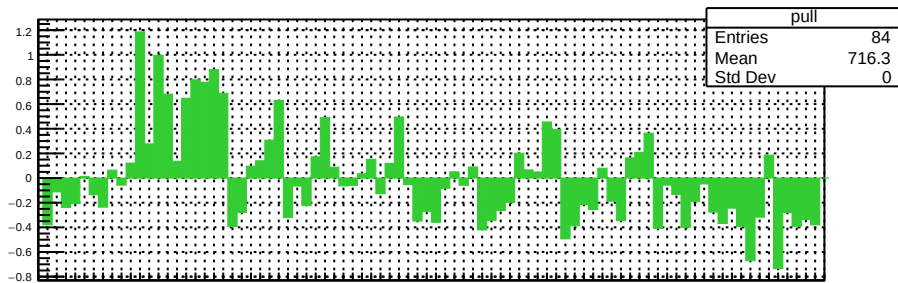
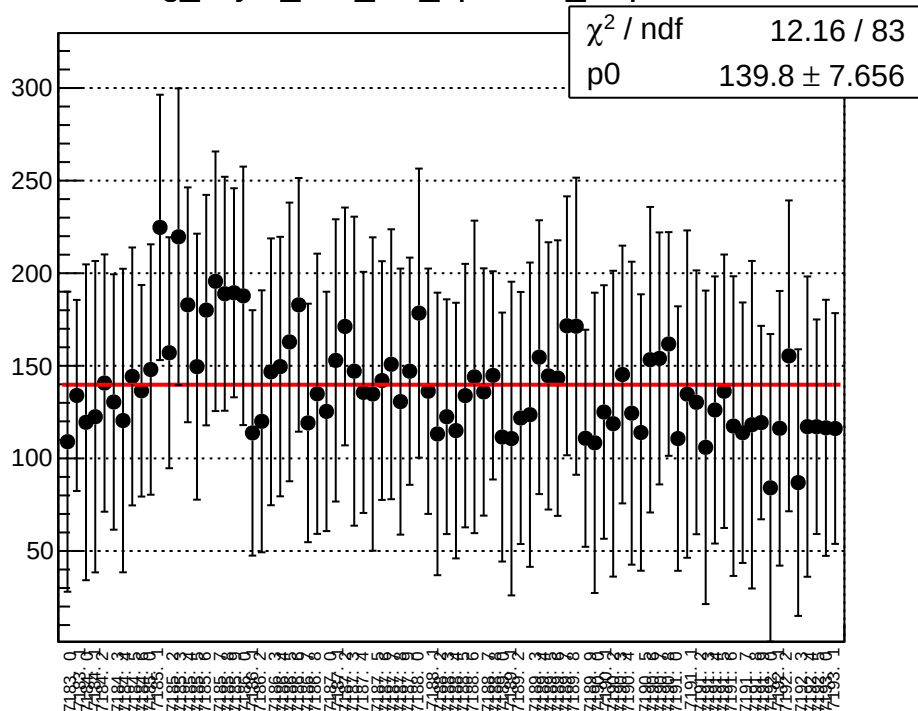
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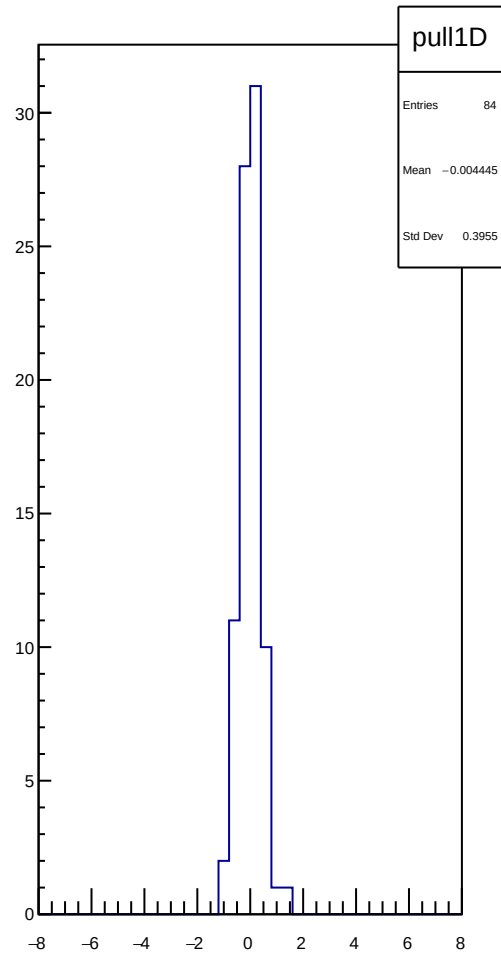
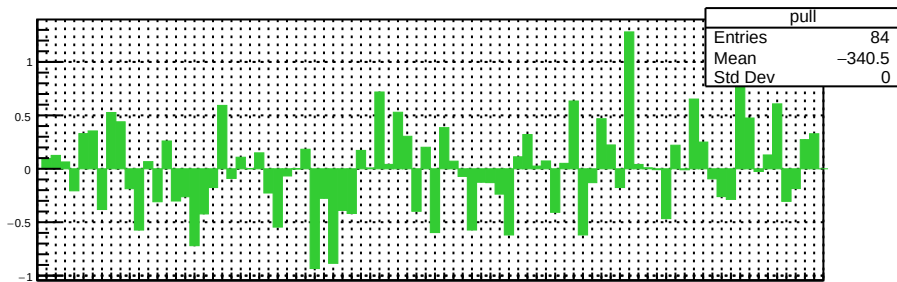
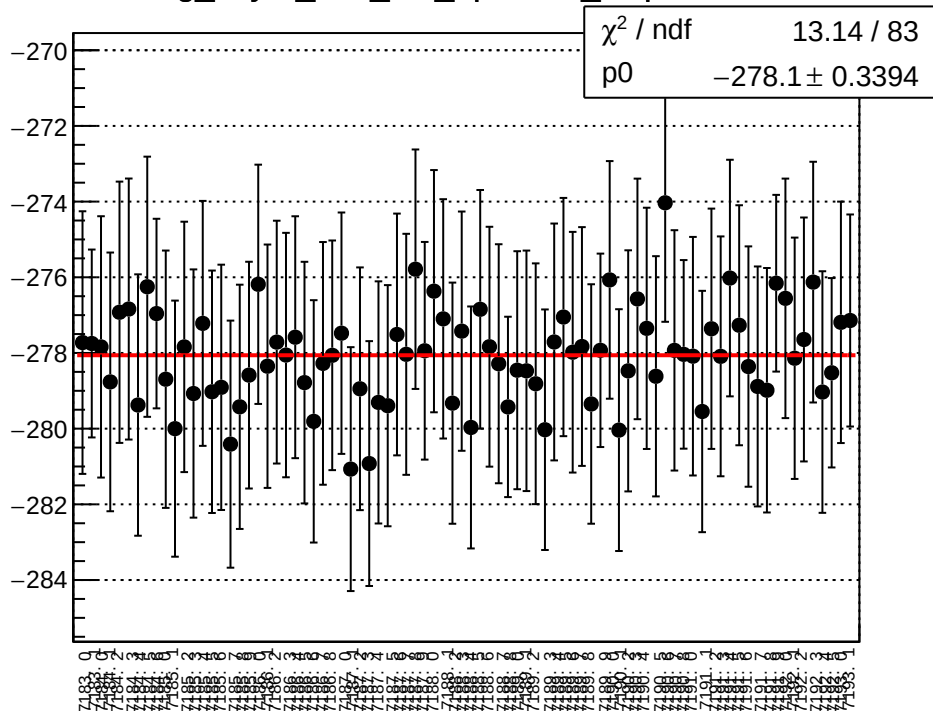
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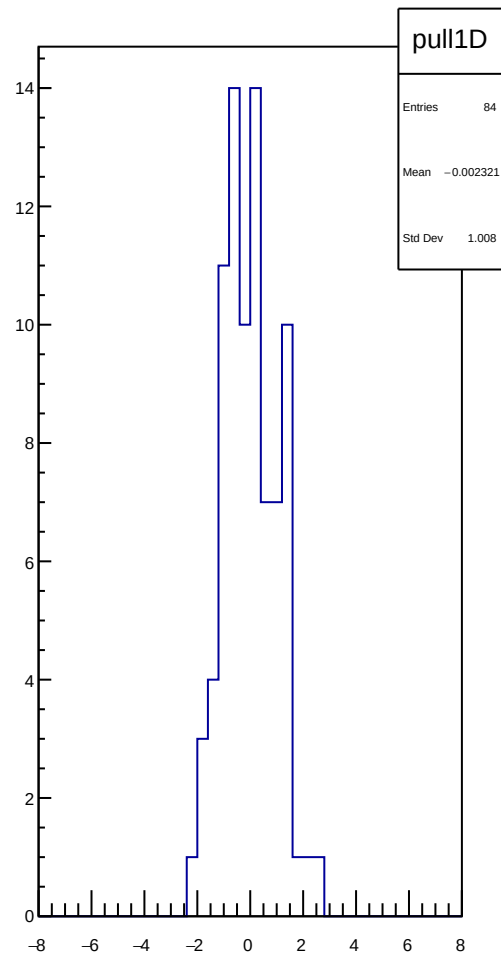
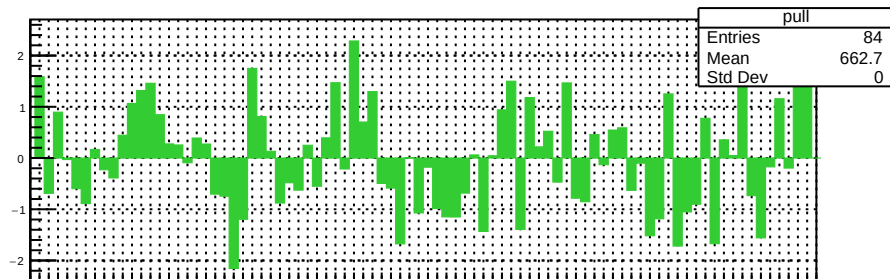
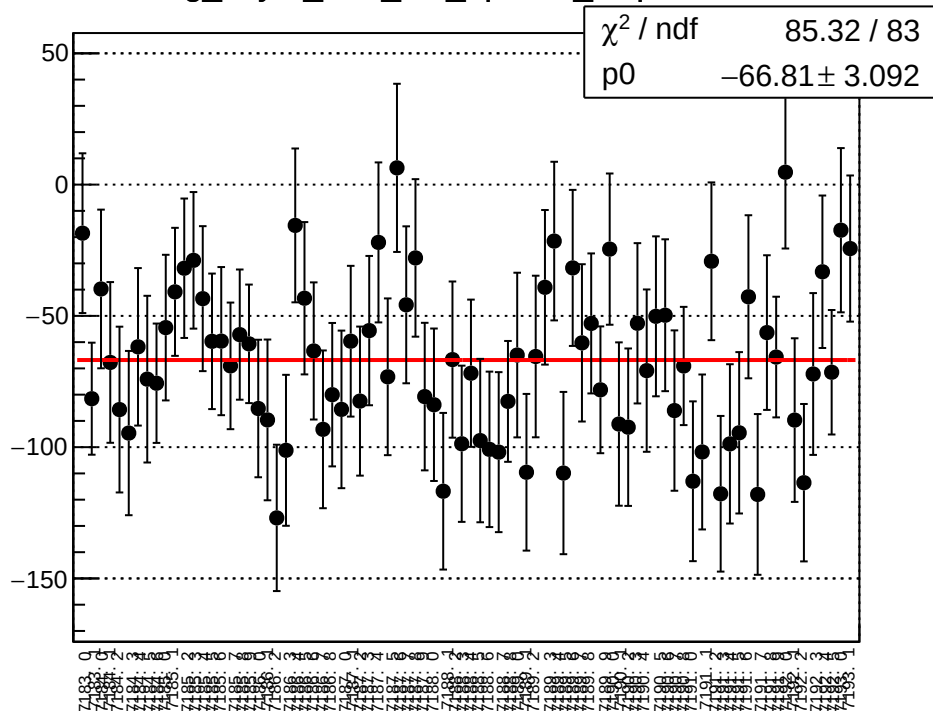
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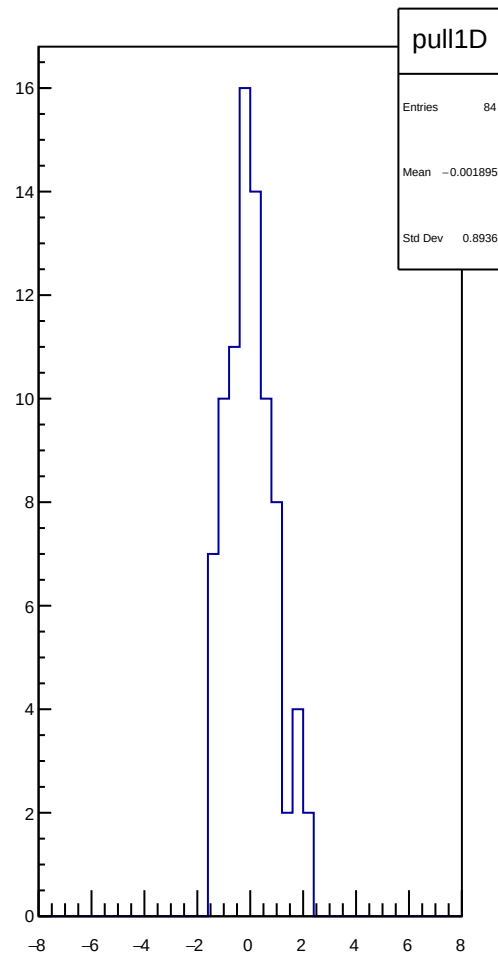
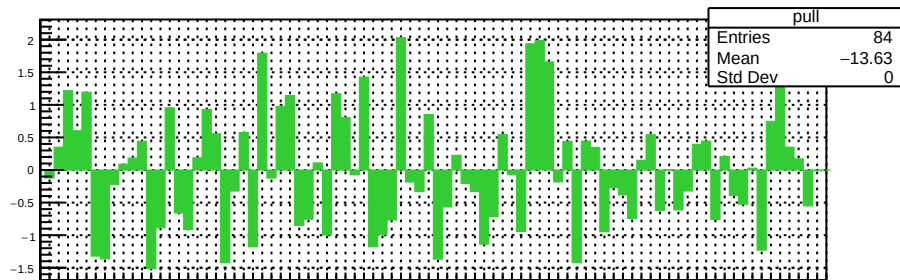
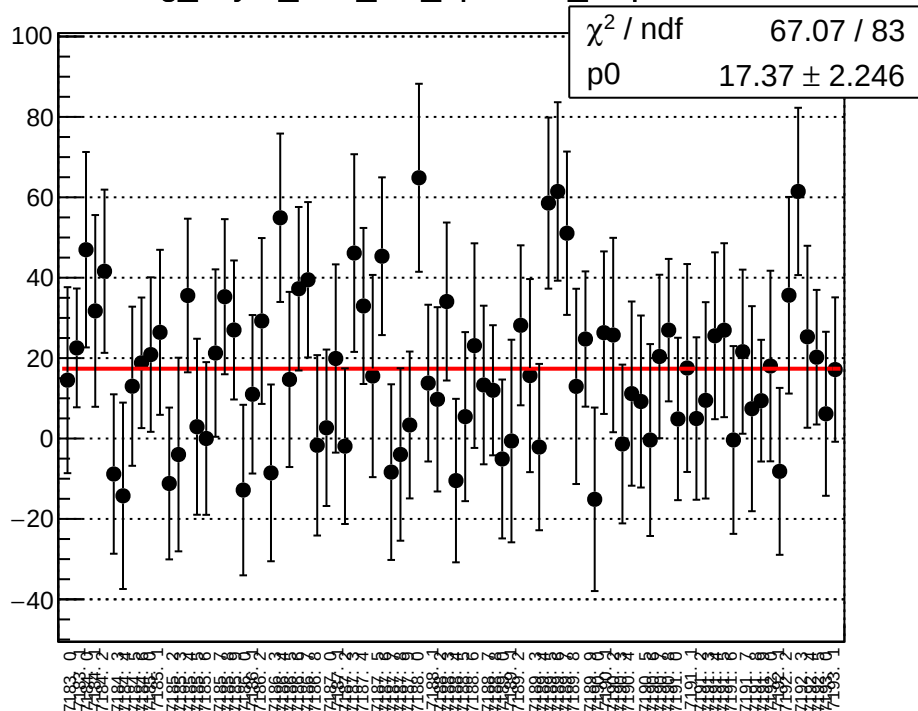
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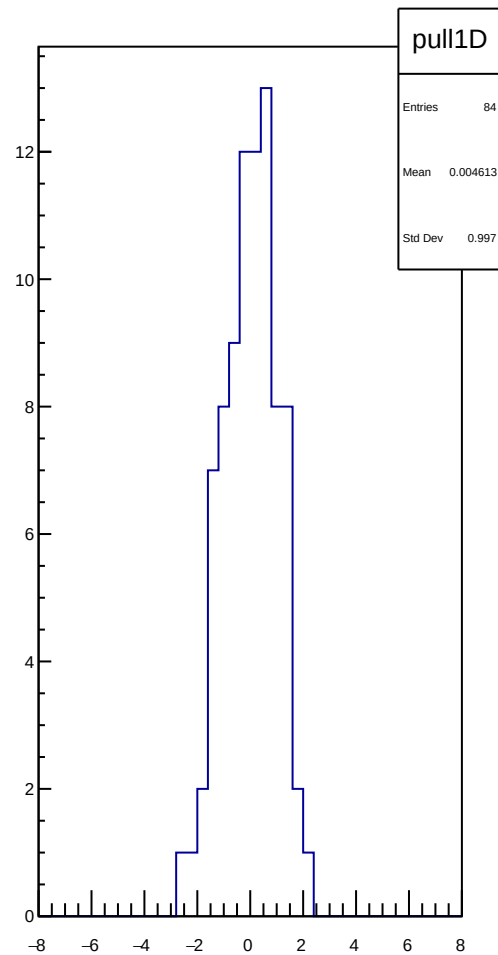
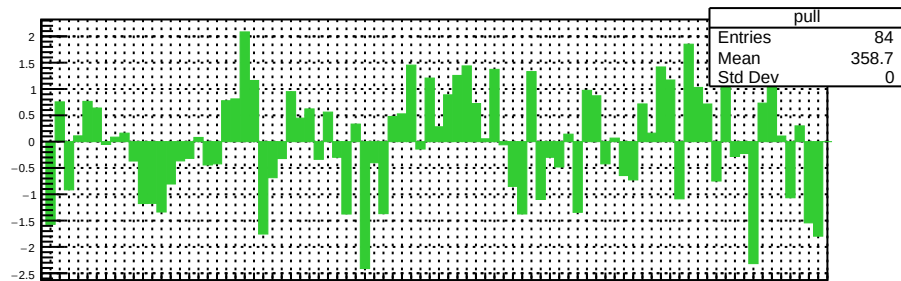
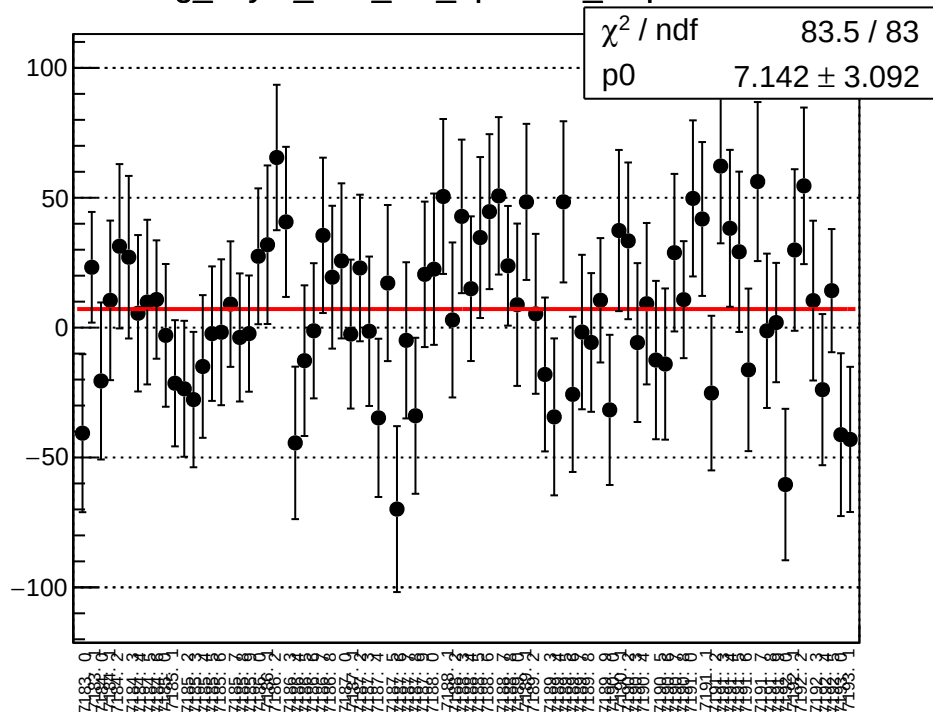
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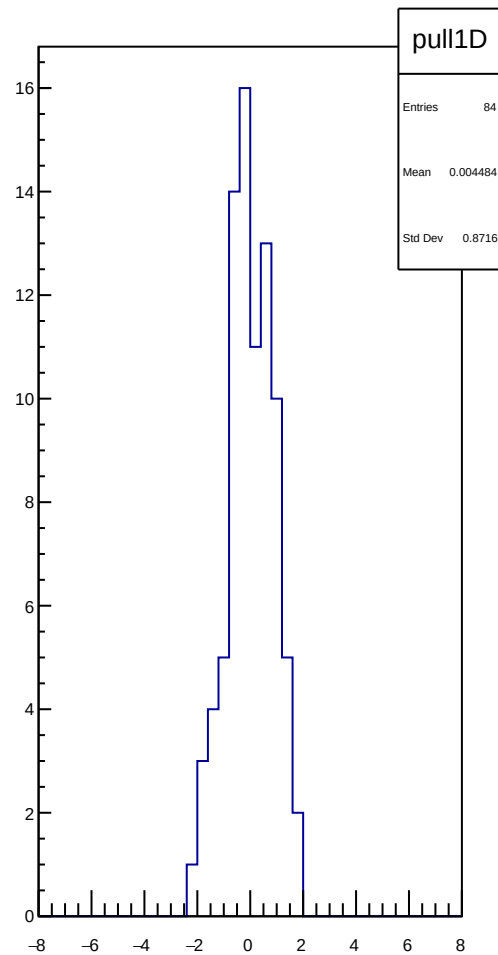
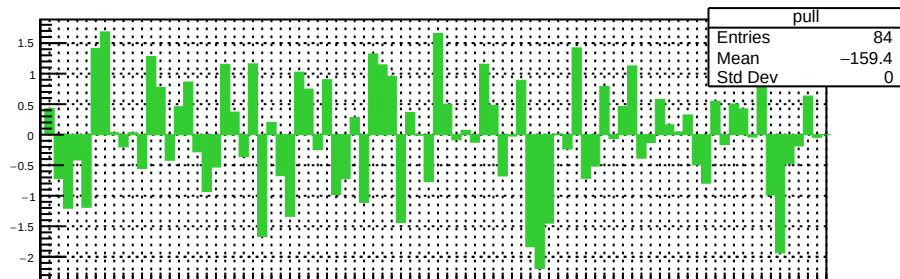
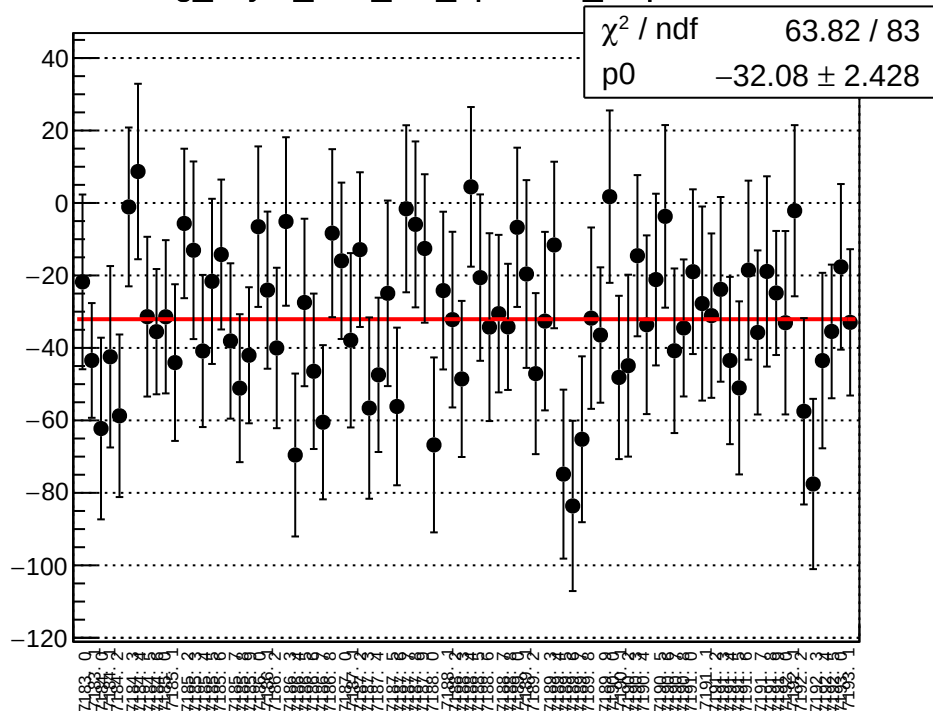
reg_asym_atr1_diff_bpm4aY_slope vs run



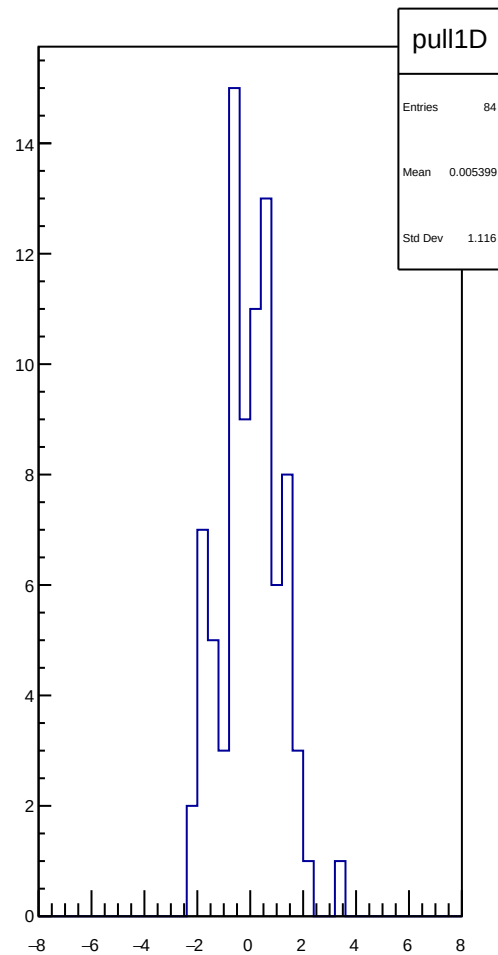
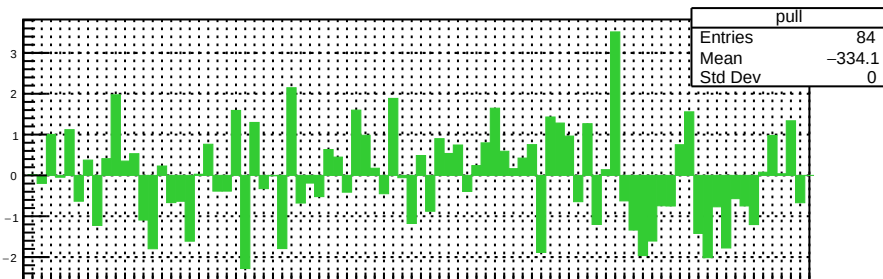
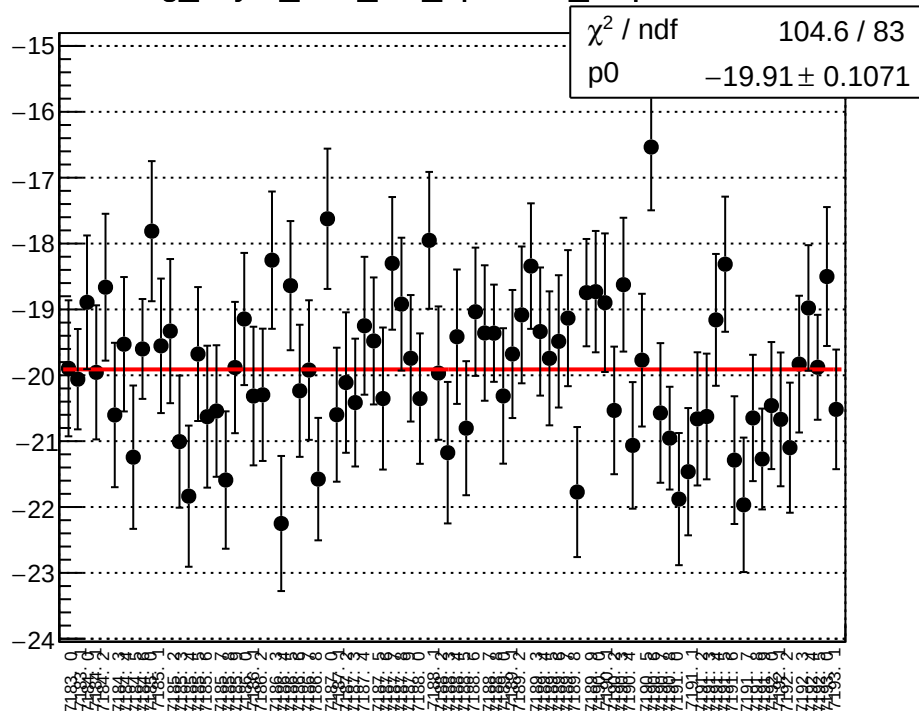
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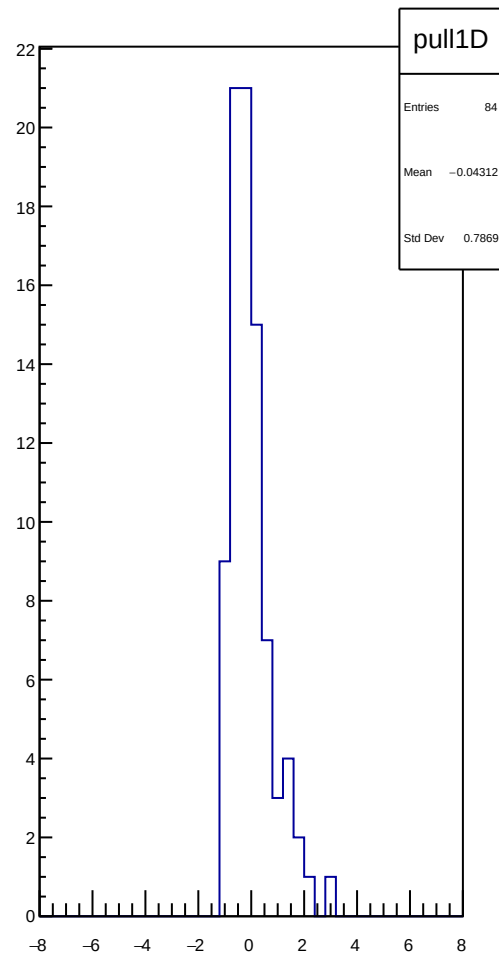
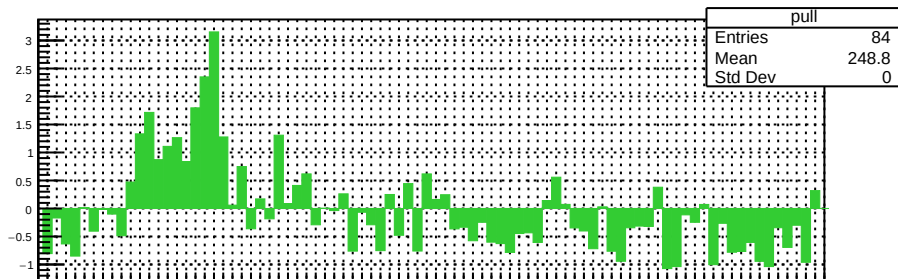
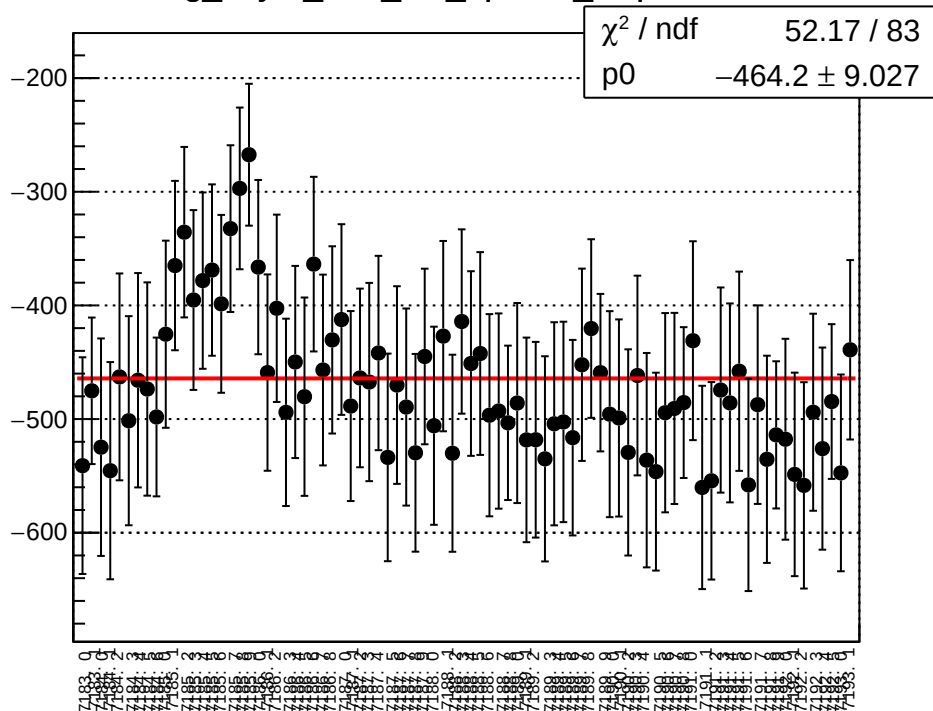
reg_asym_atr1_diff_bpm4eY_slope vs run



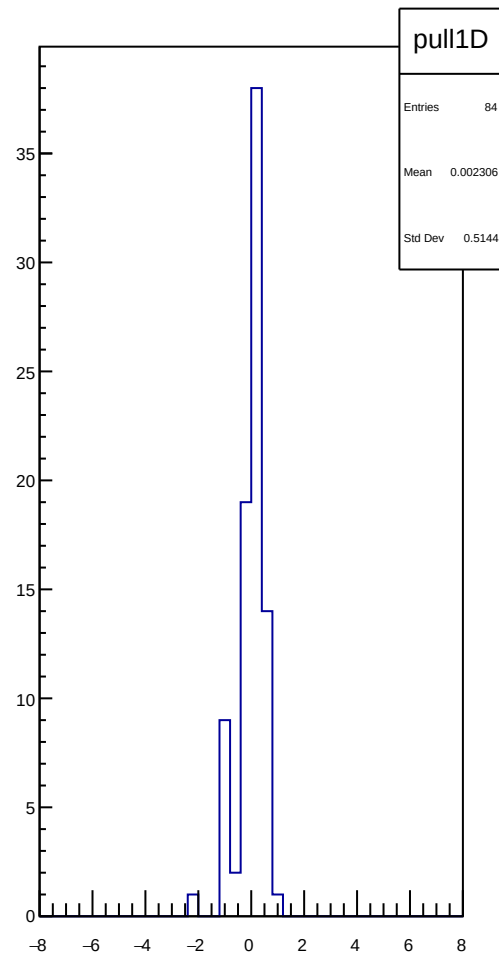
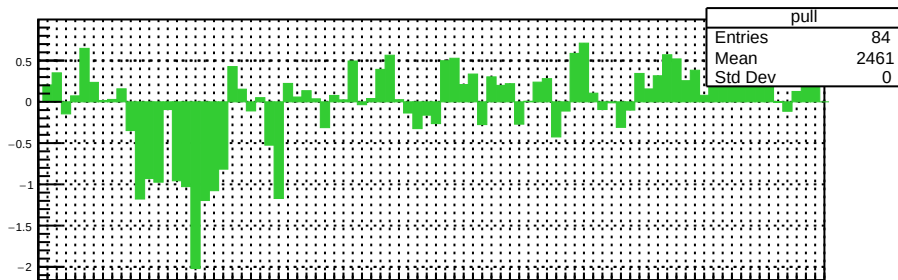
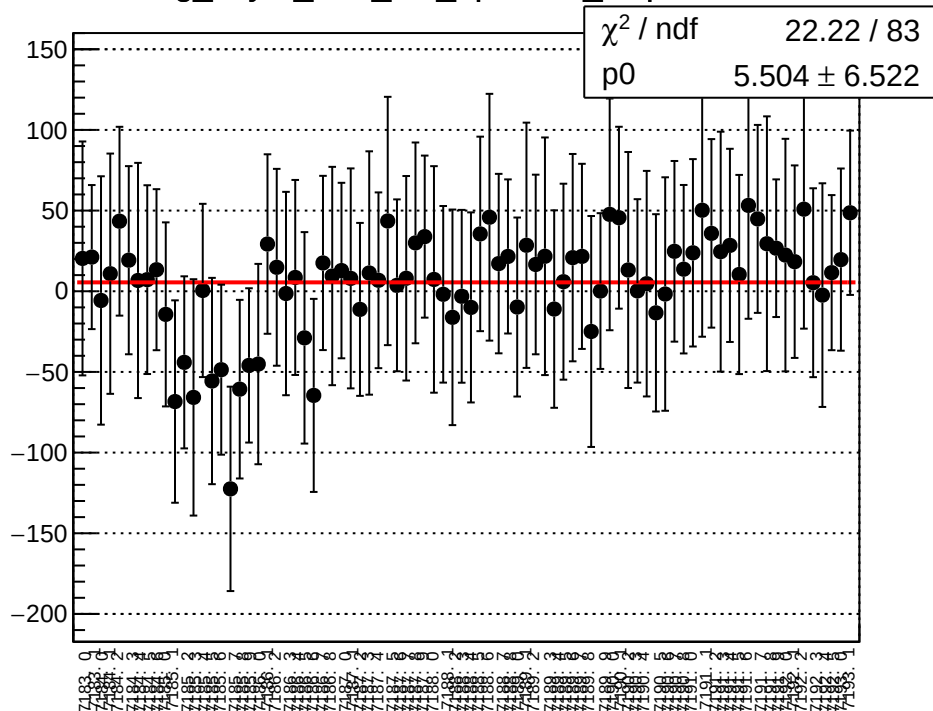
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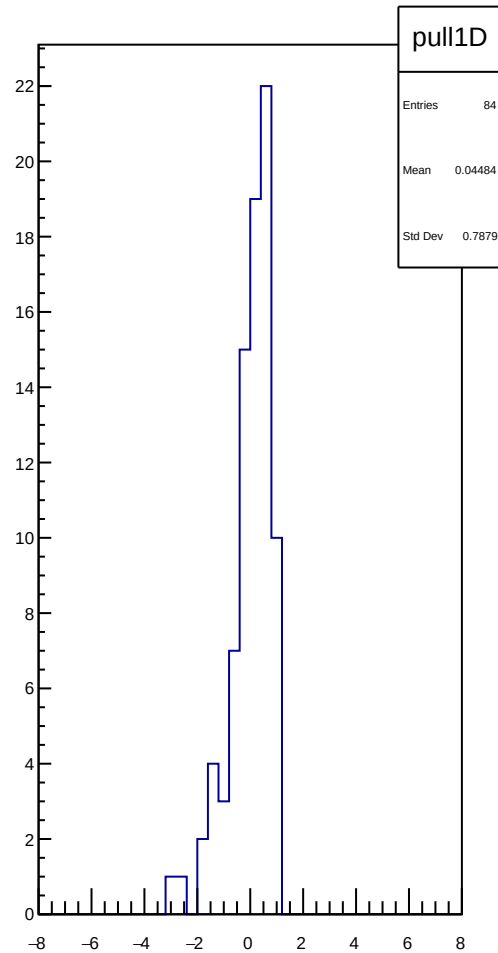
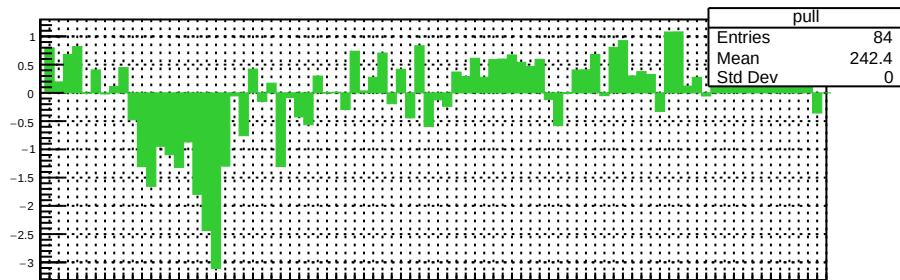
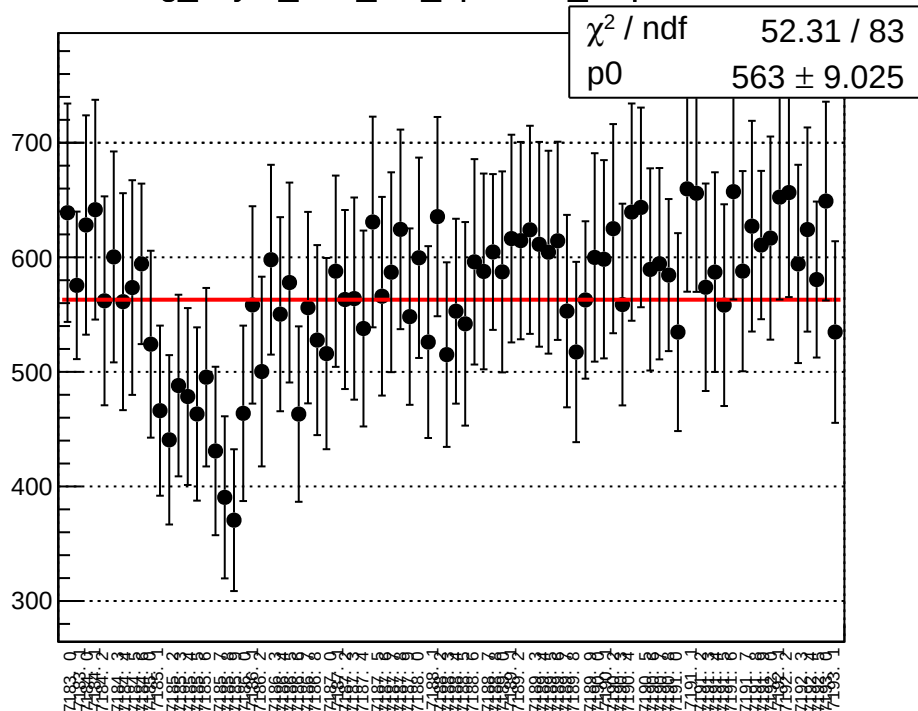
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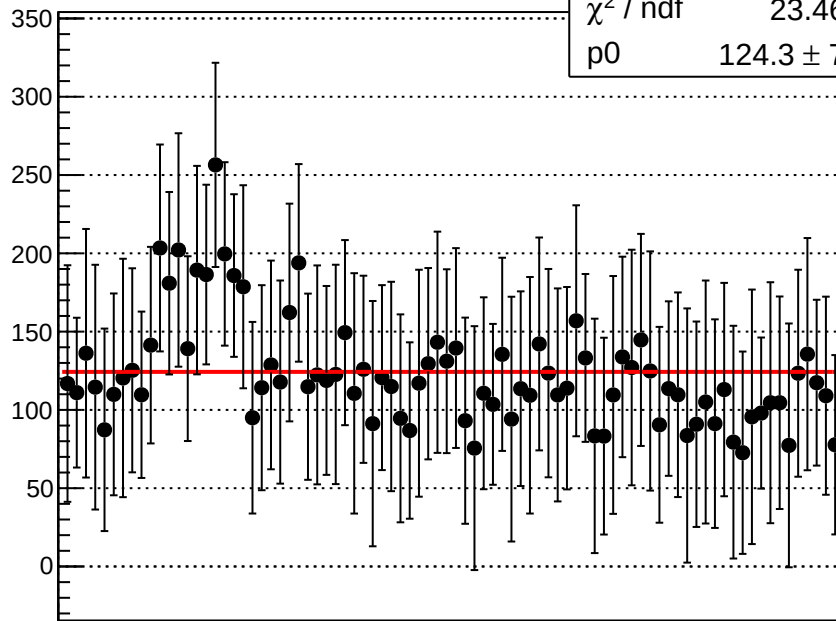
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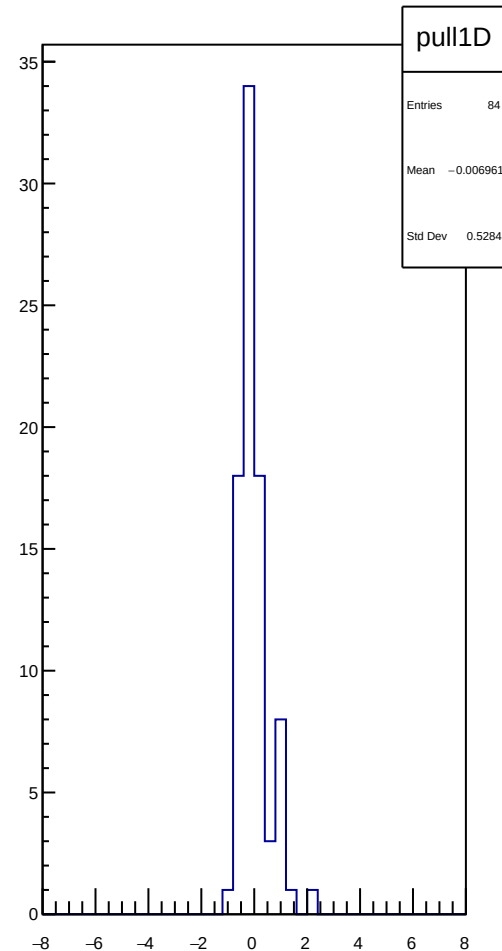
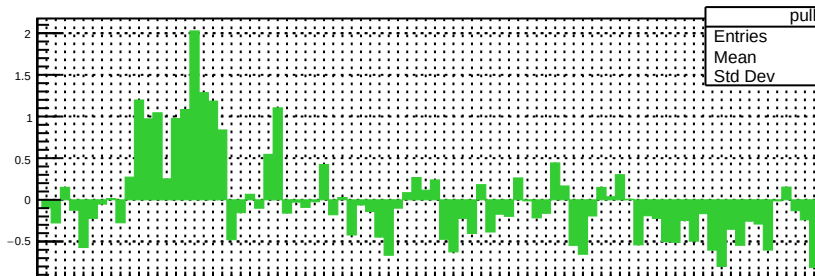
reg_asym_atr2_diff_bpm4eX_slope vs run



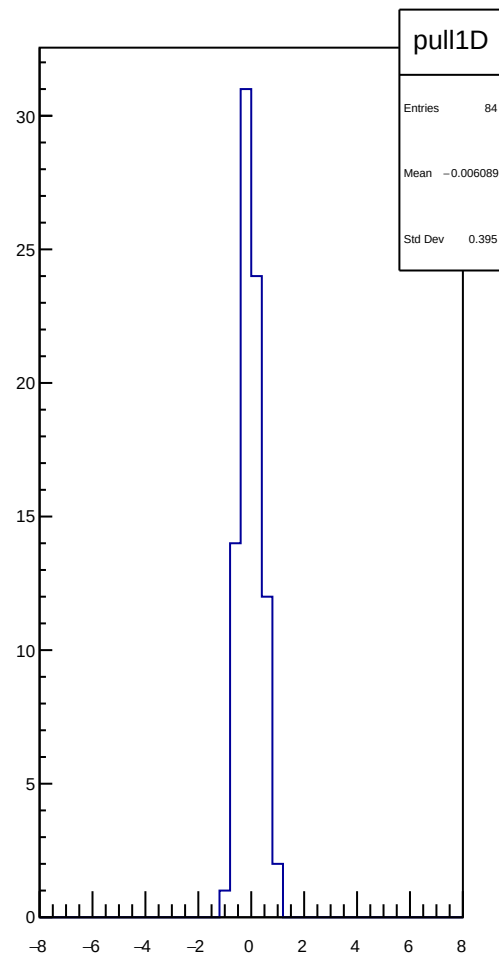
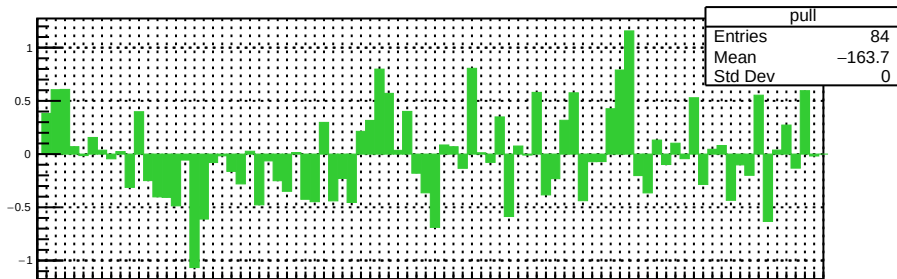
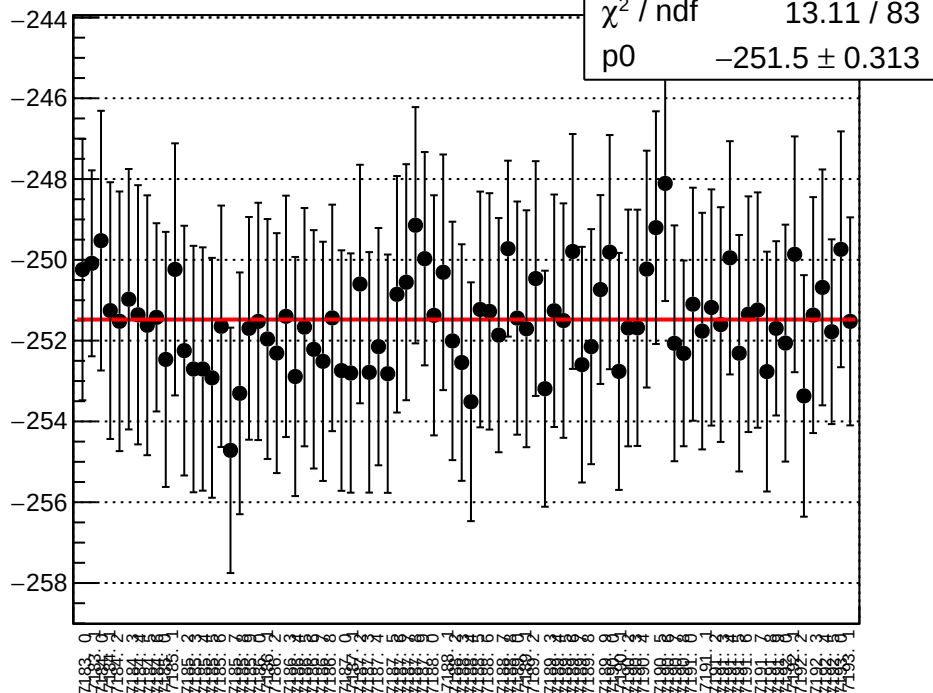
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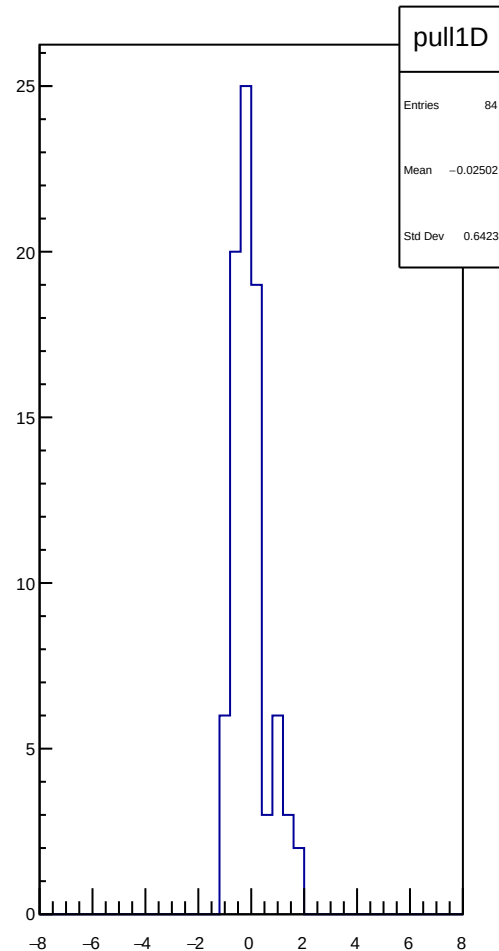
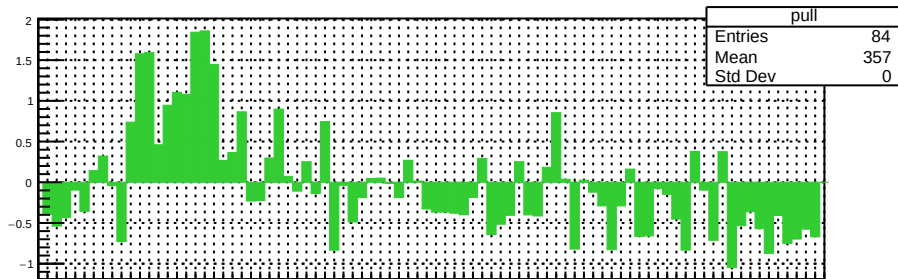
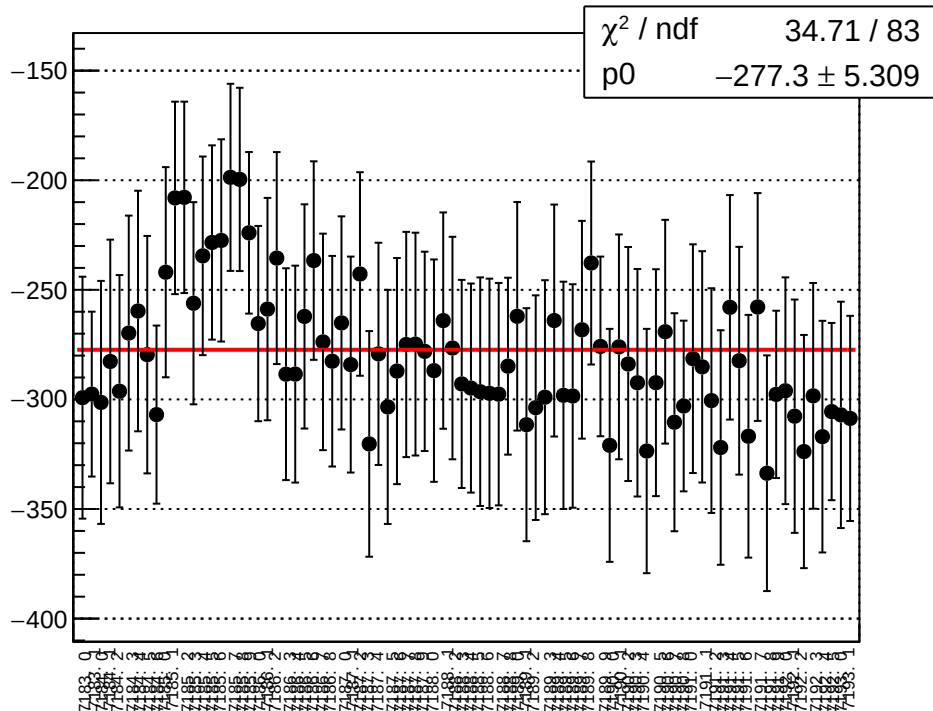
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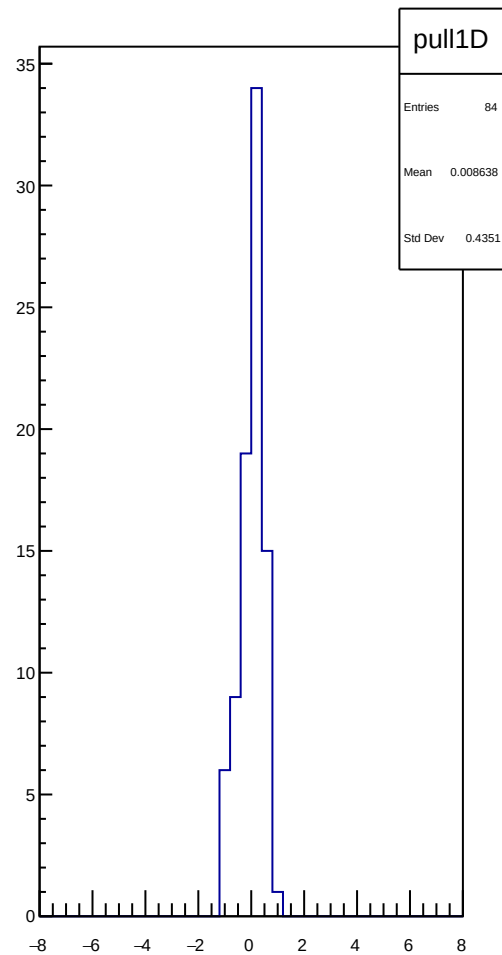
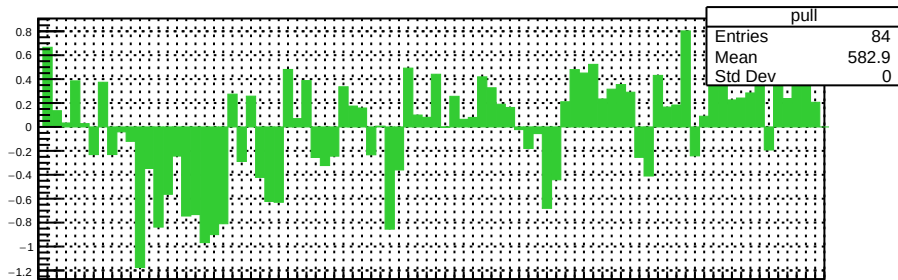
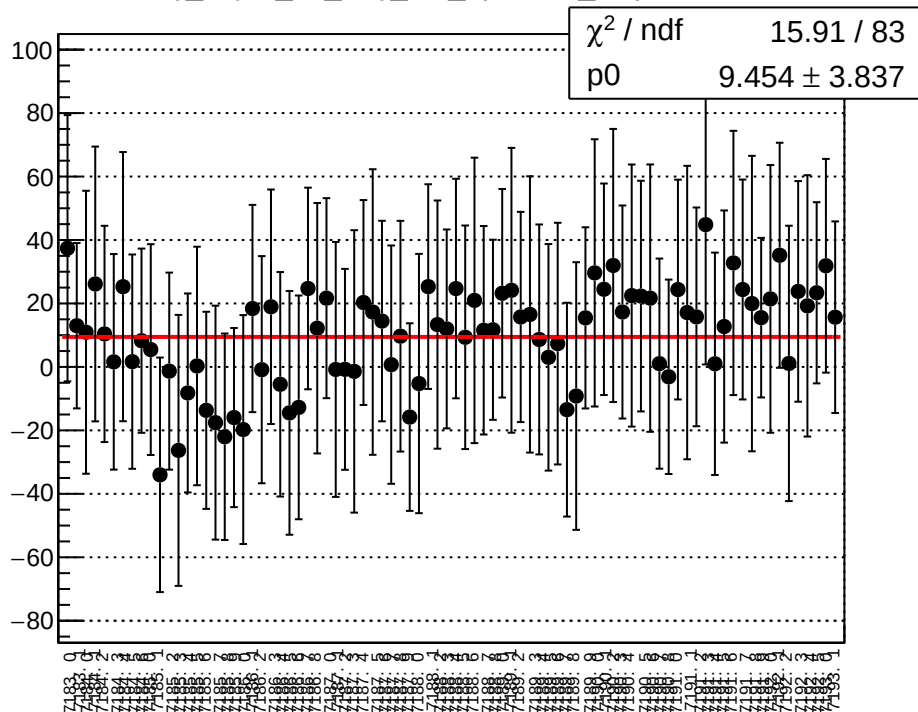
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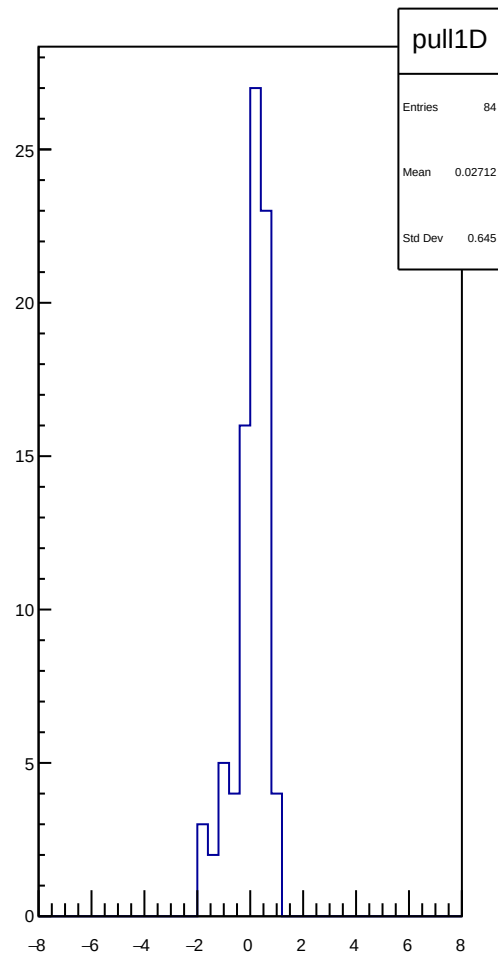
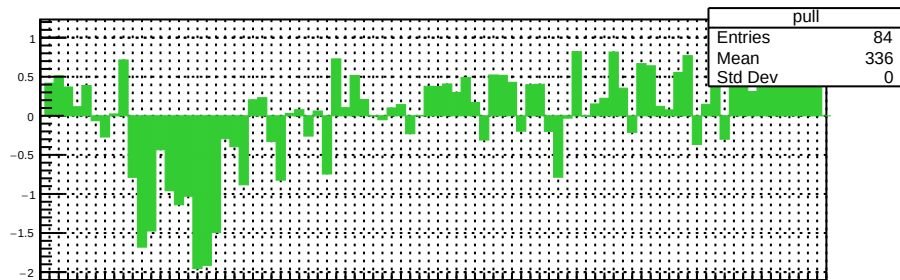
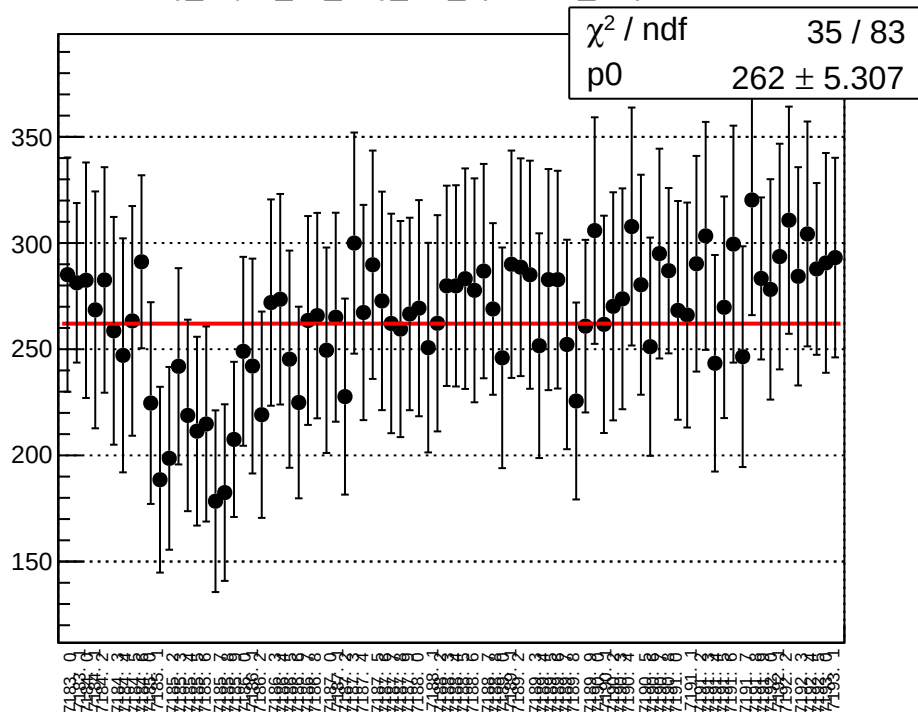
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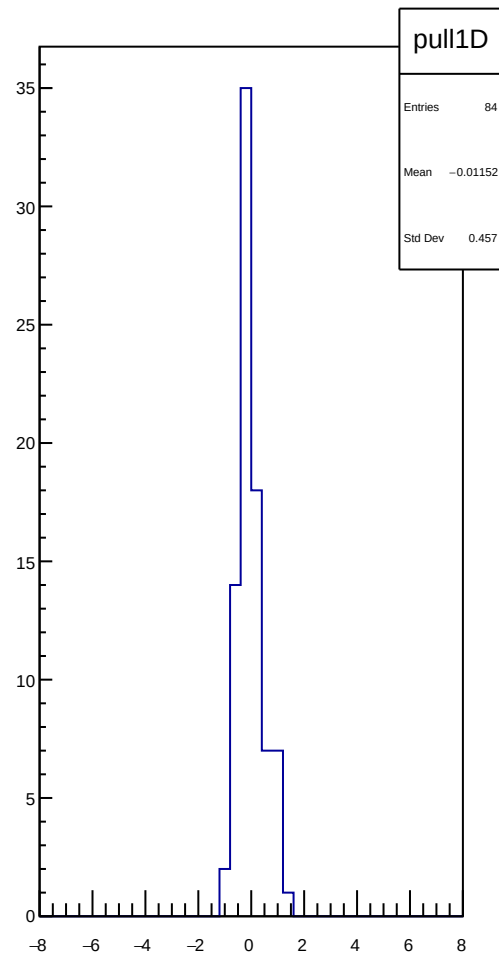
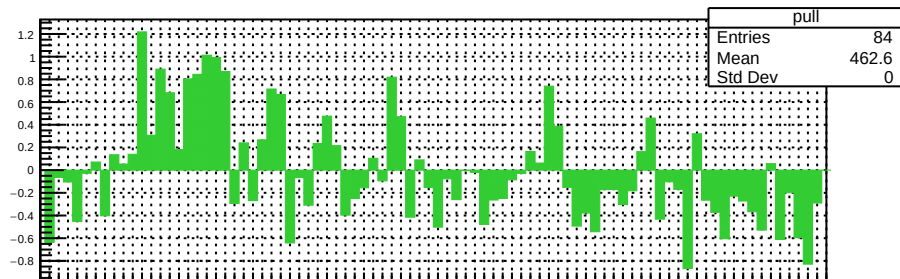
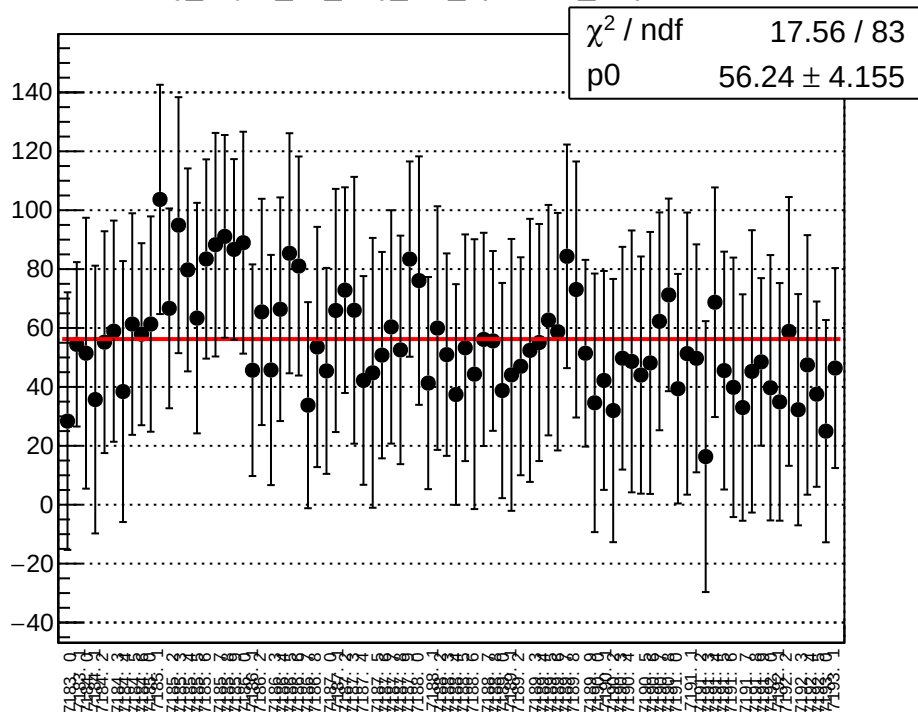
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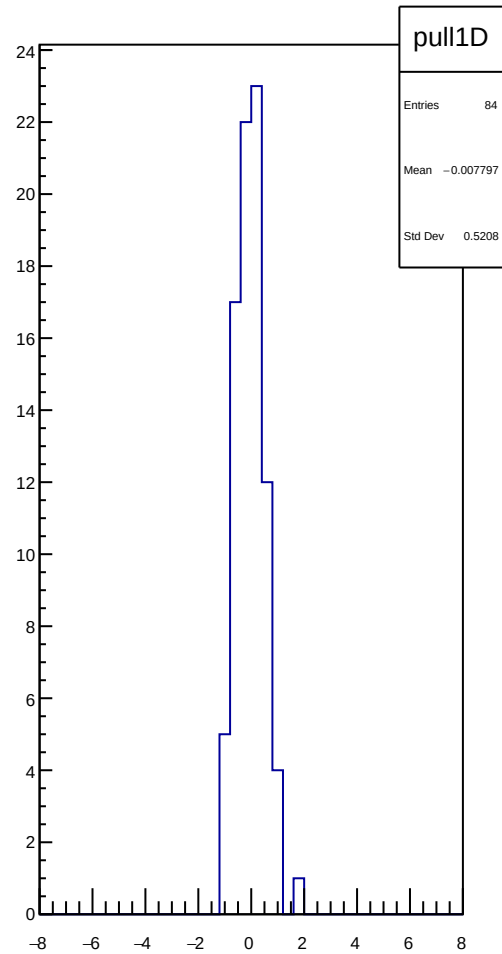
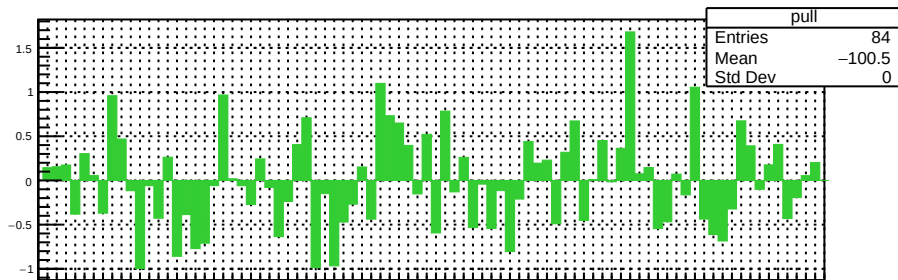
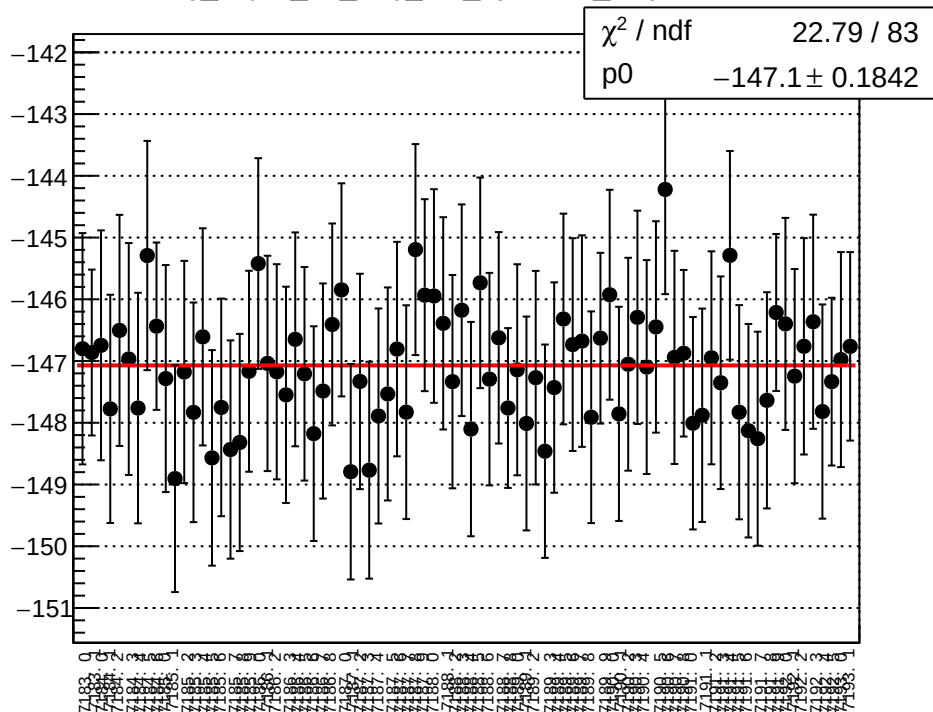
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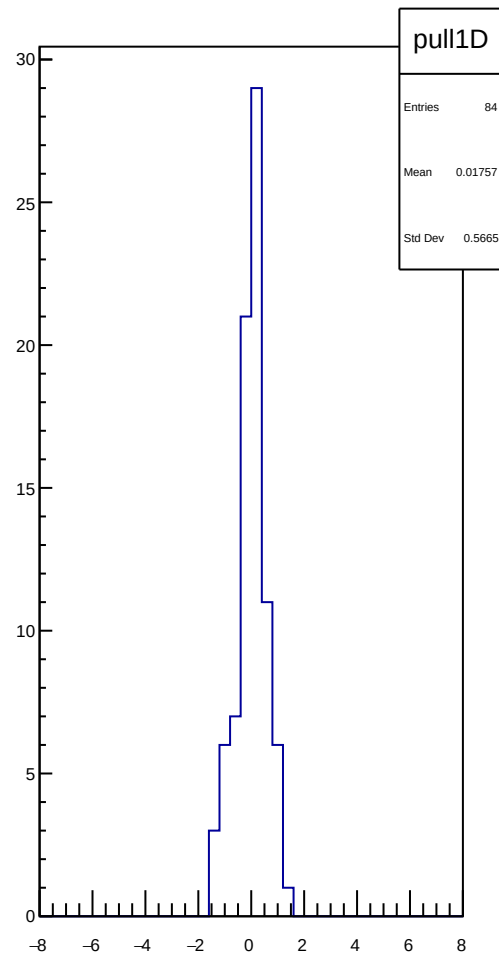
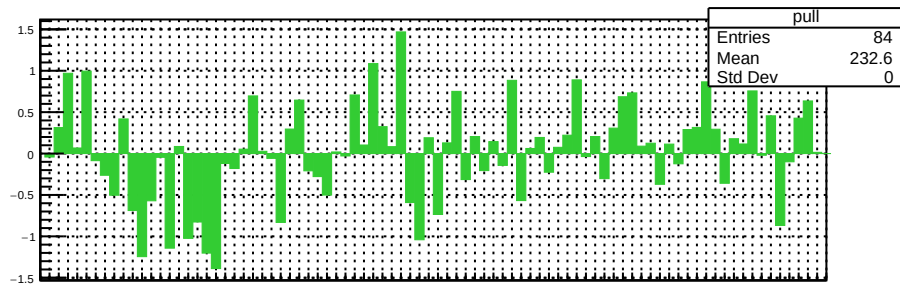
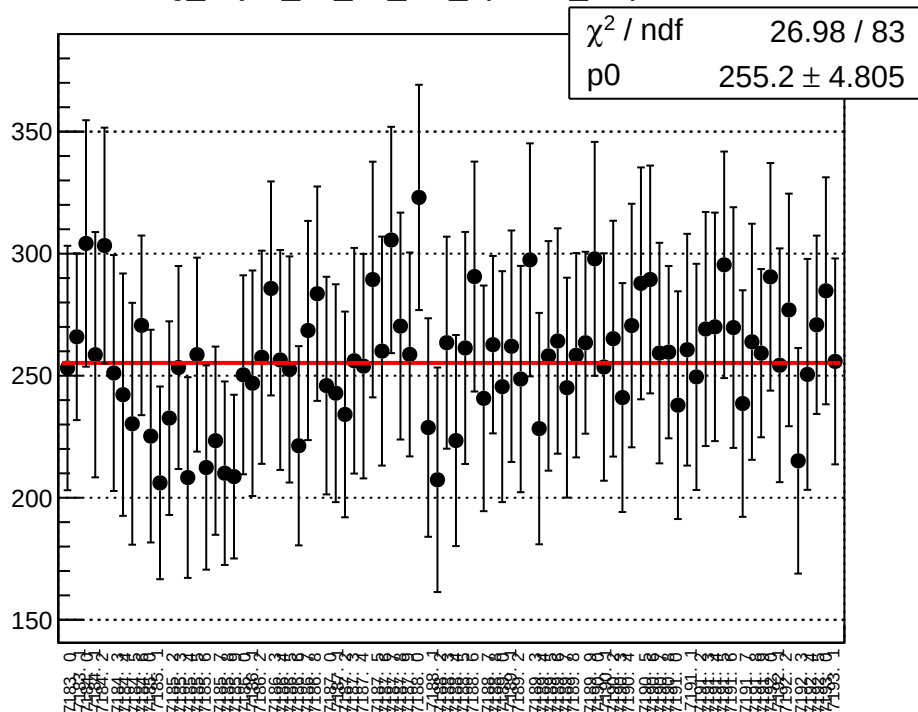
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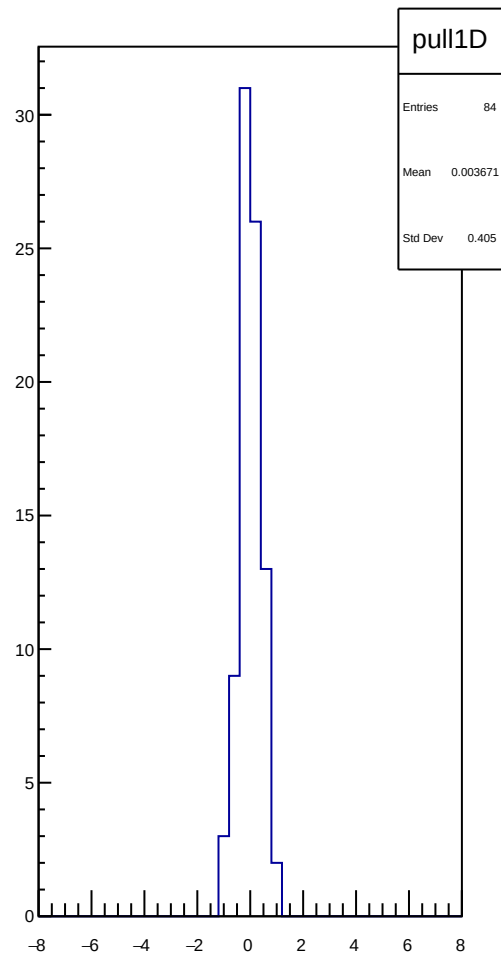
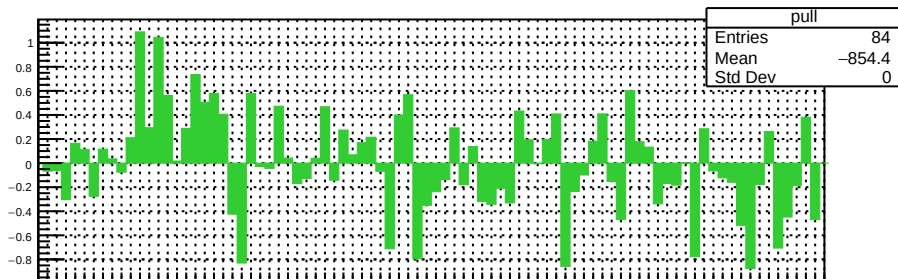
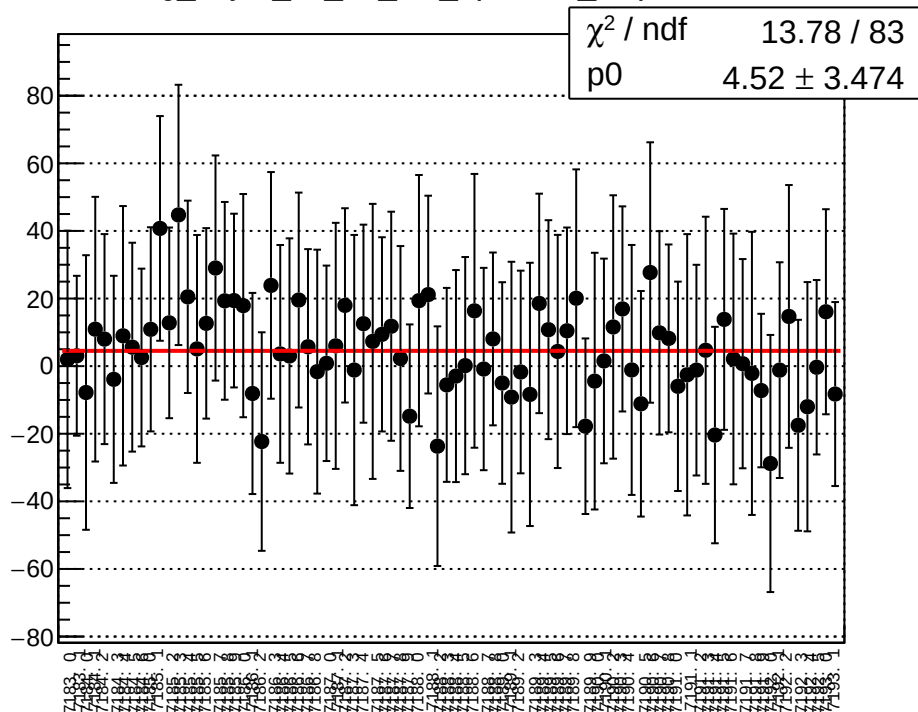
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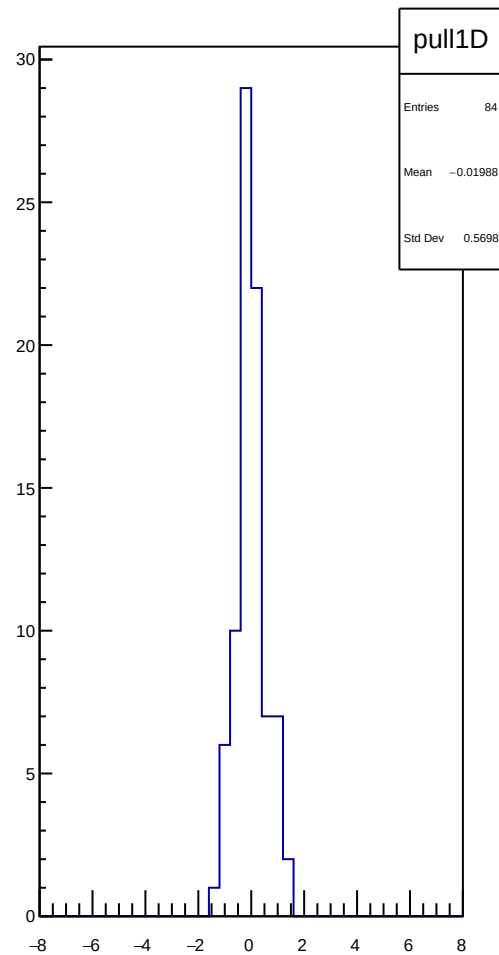
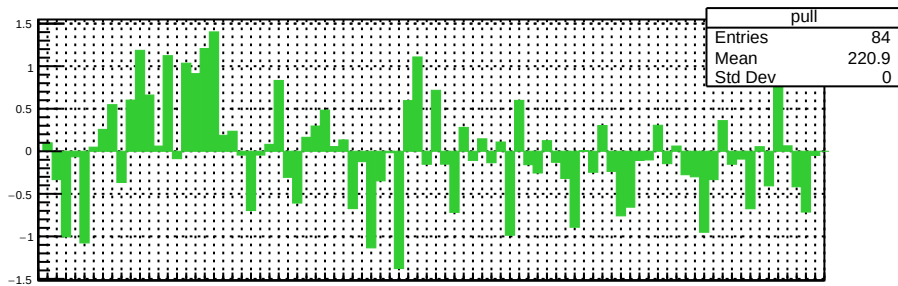
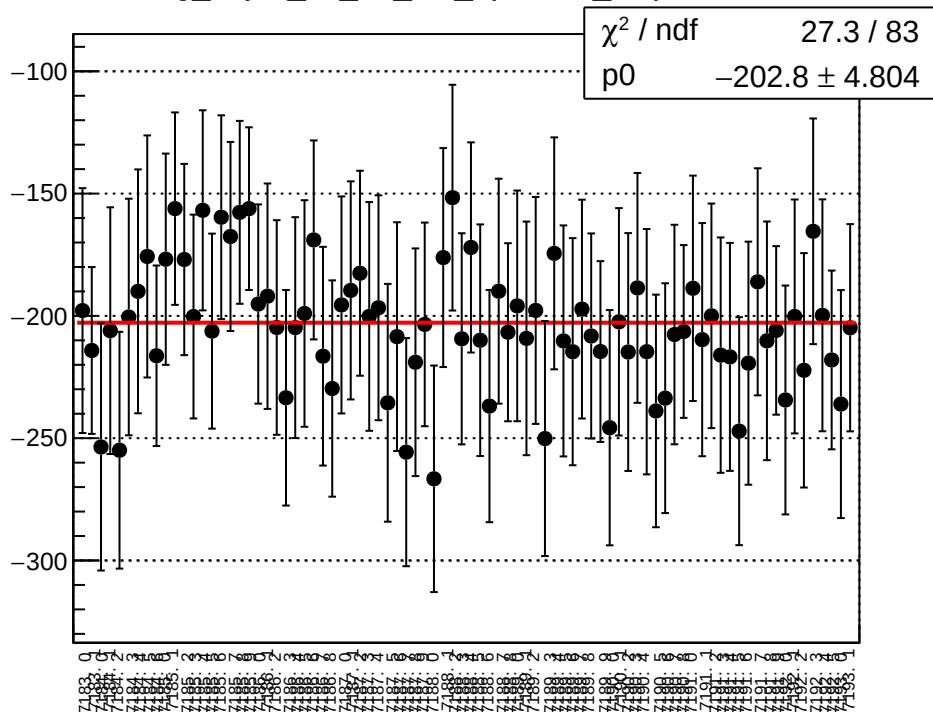
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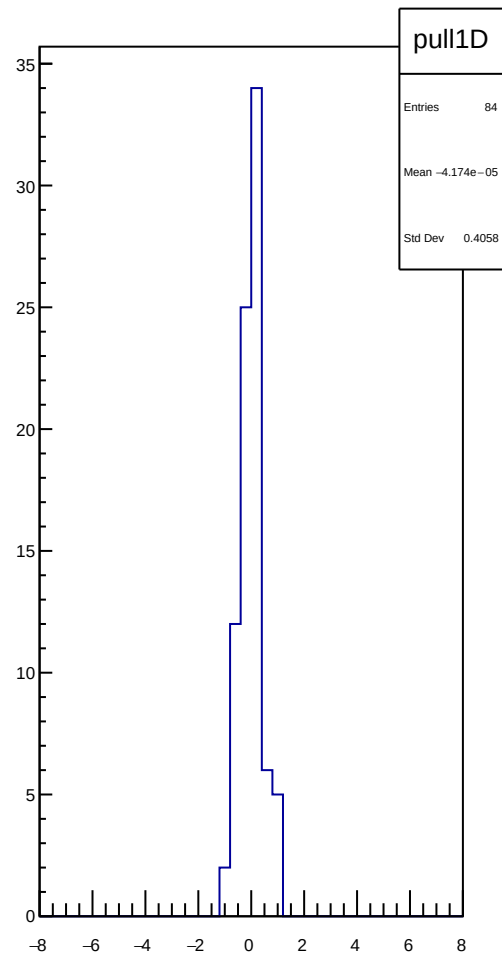
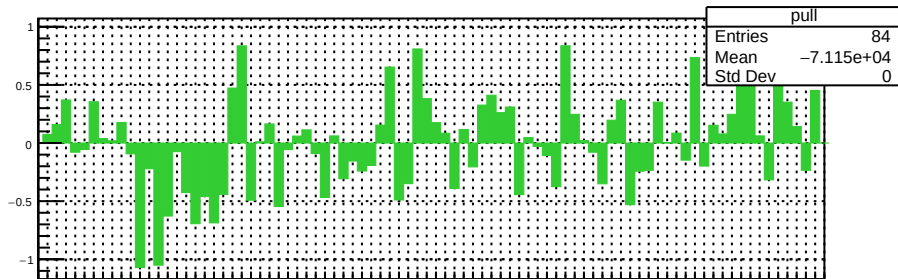
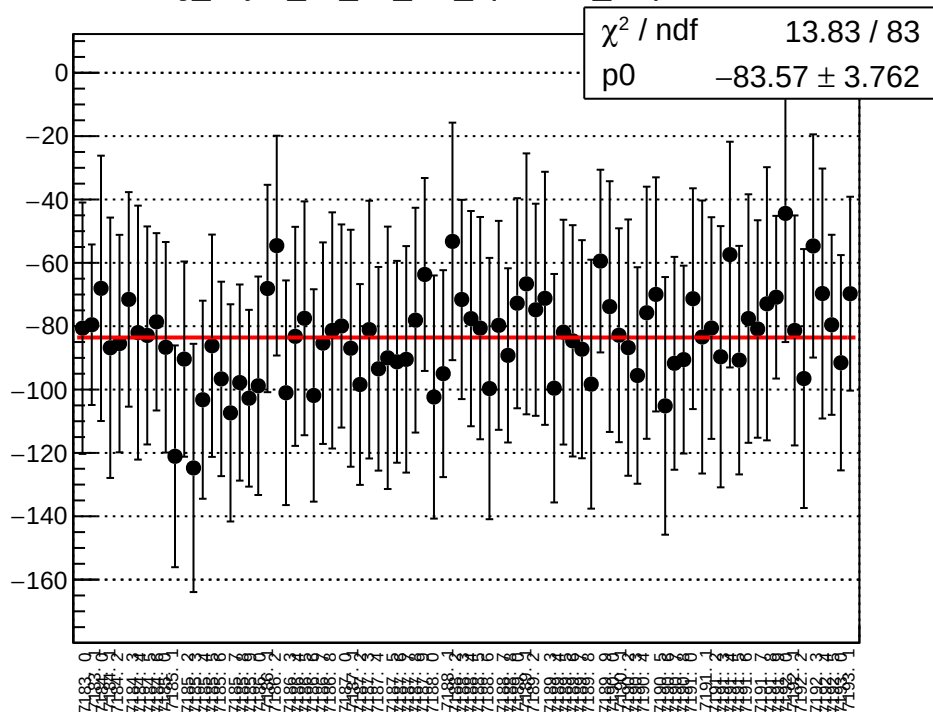
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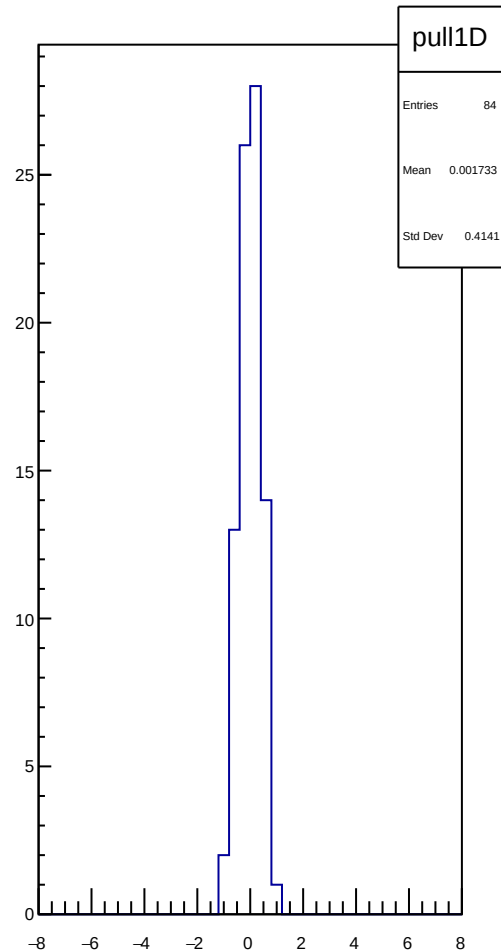
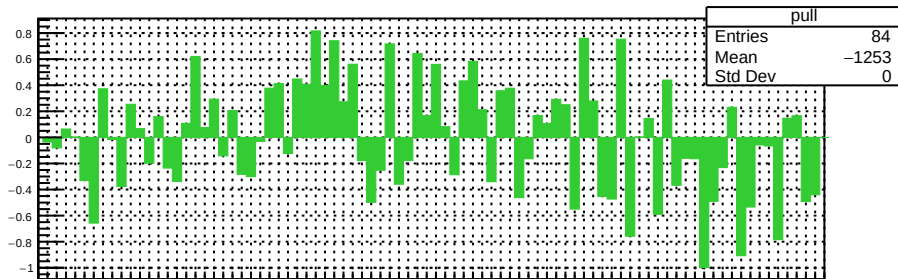
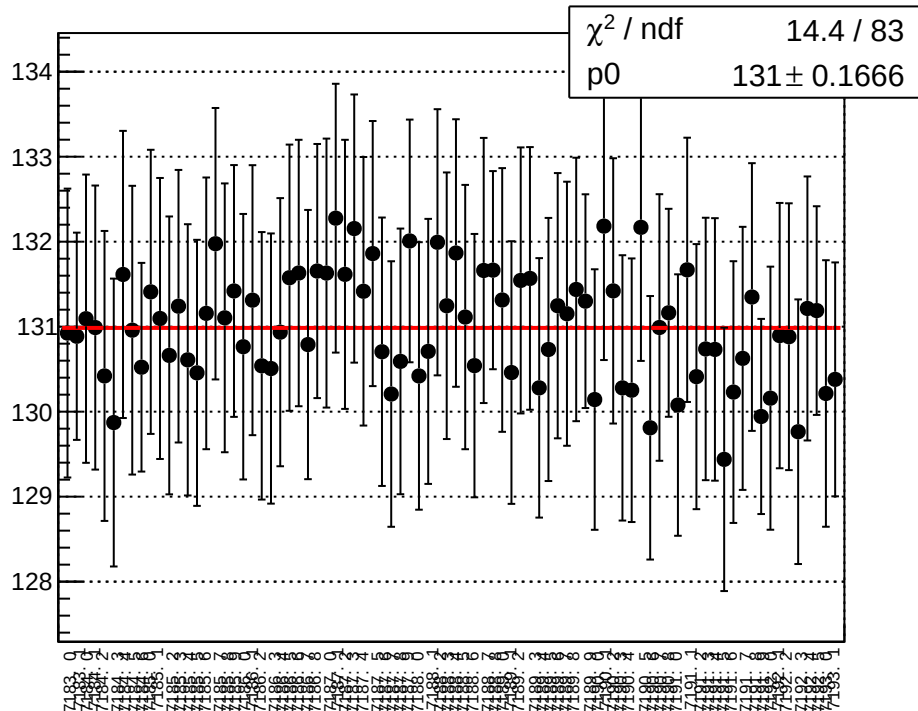
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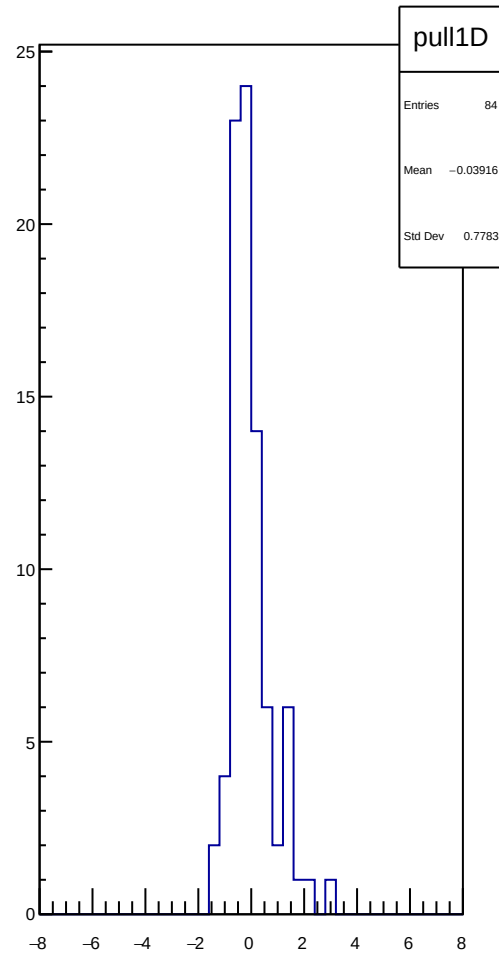
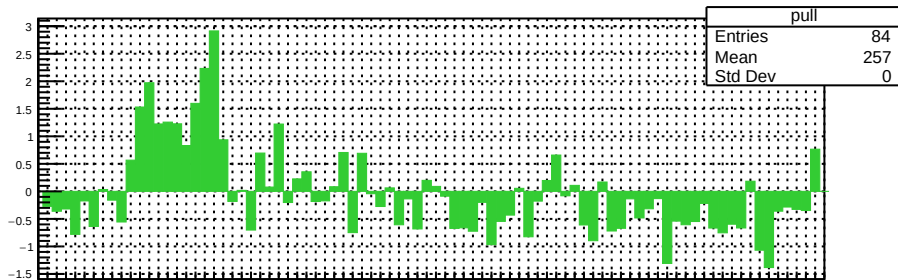
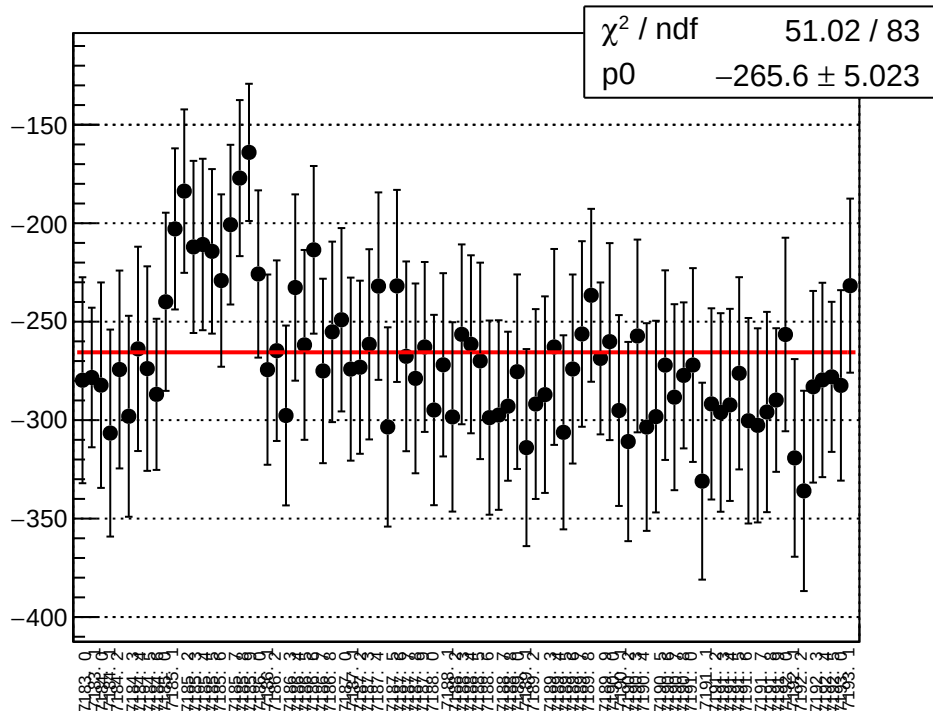
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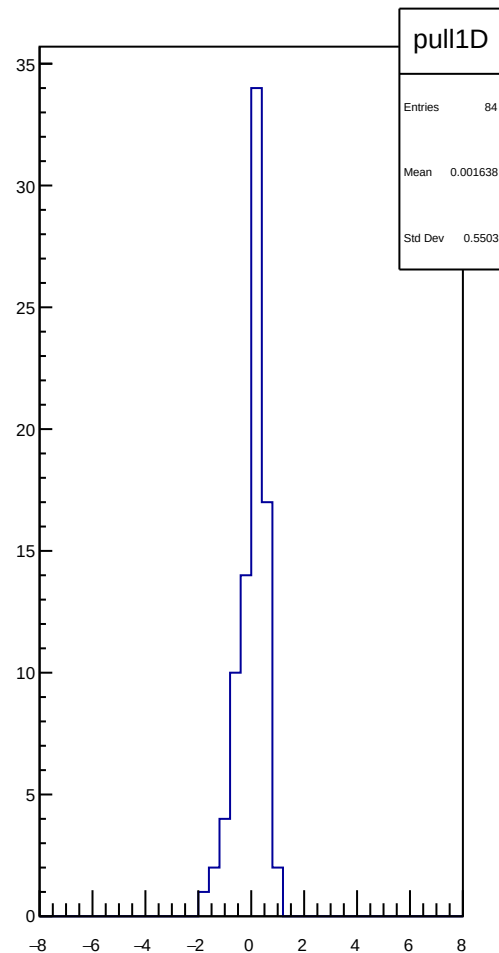
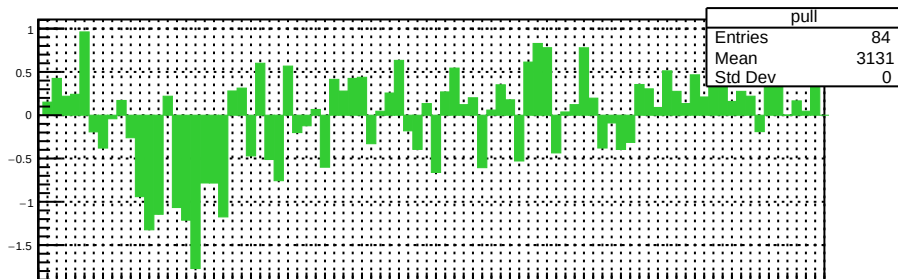
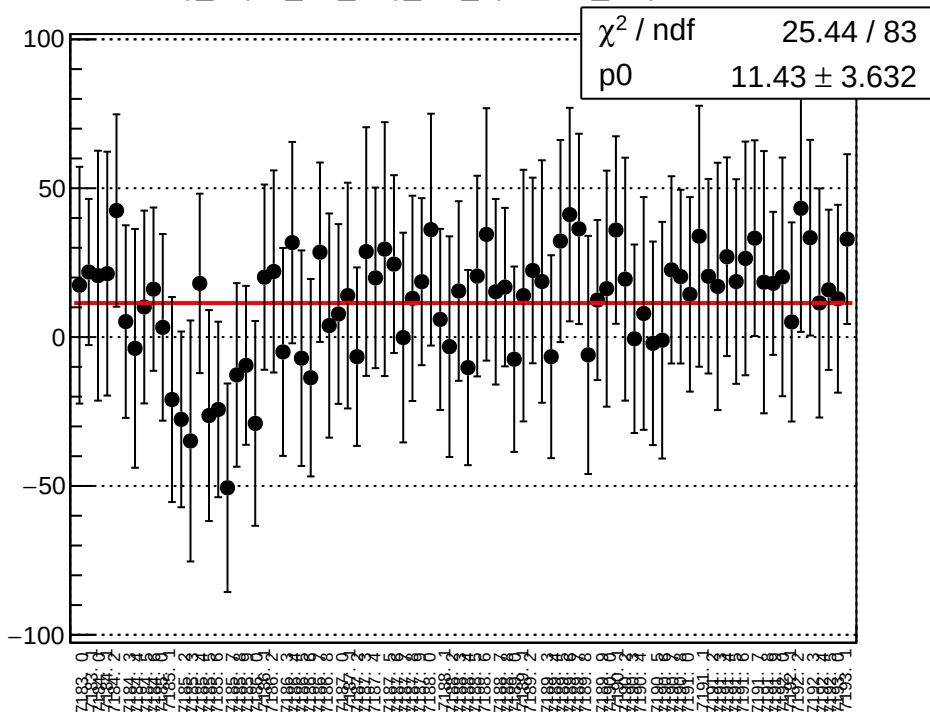
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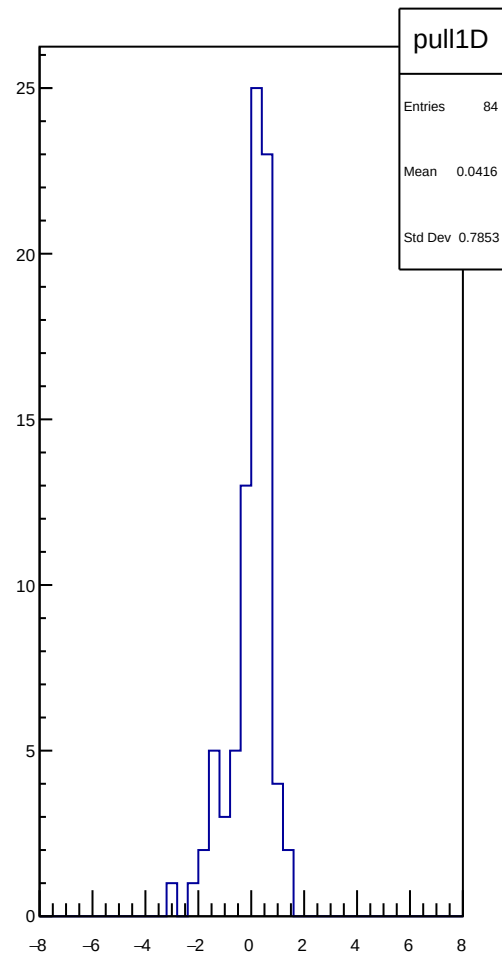
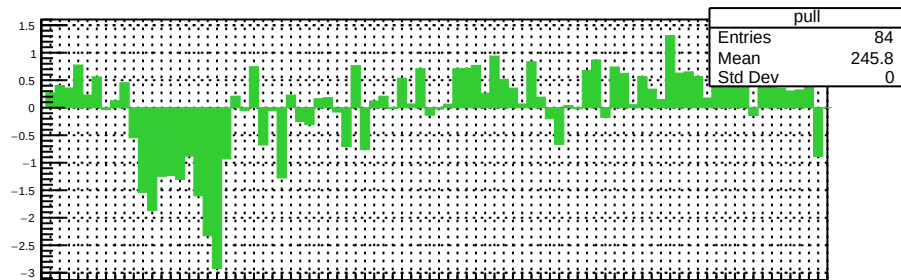
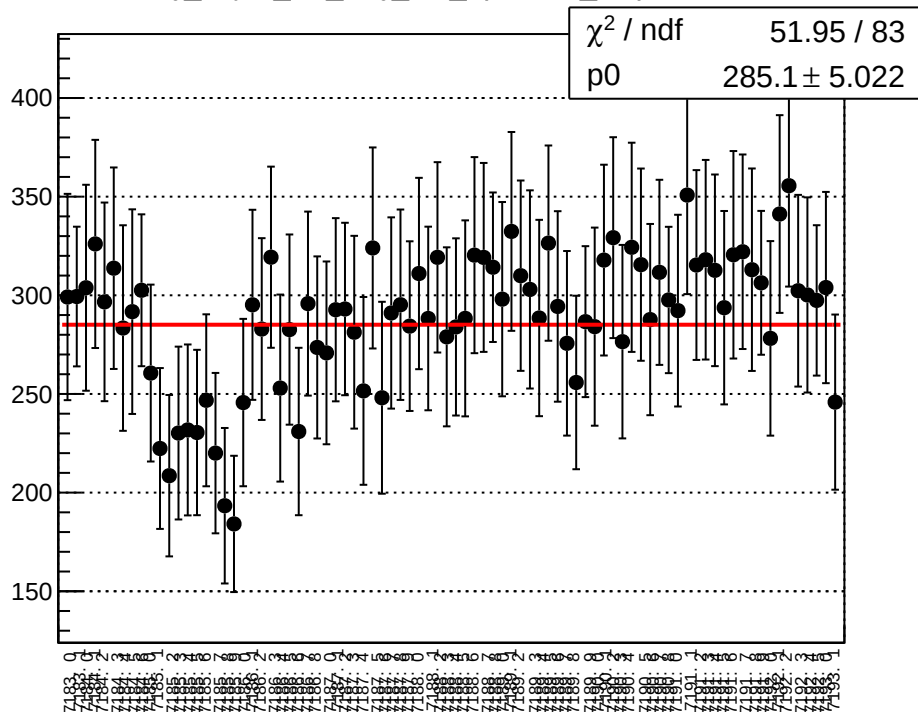
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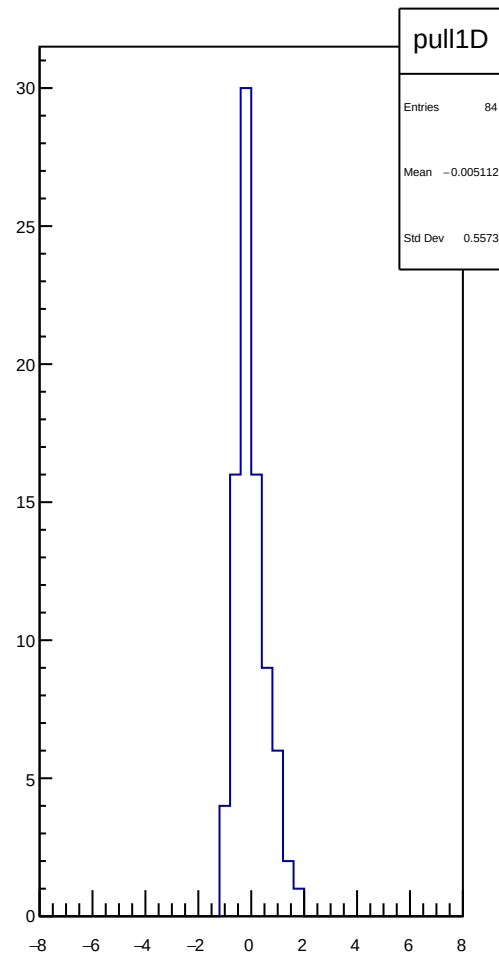
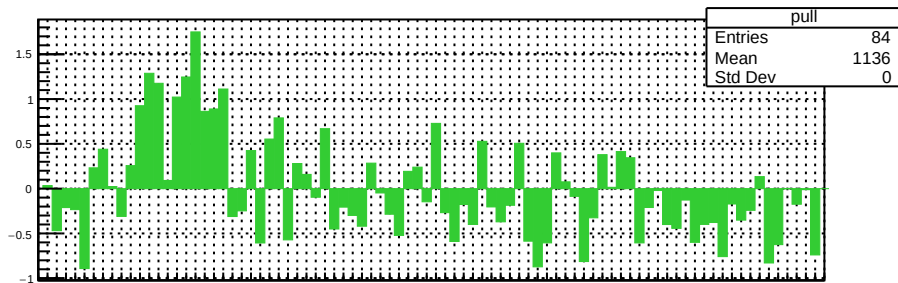
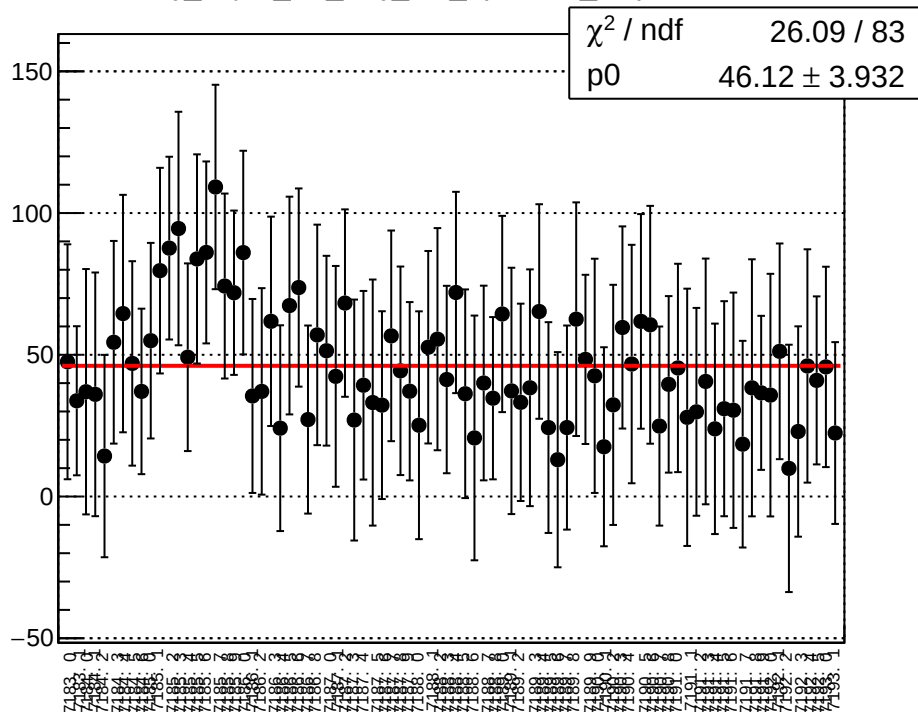
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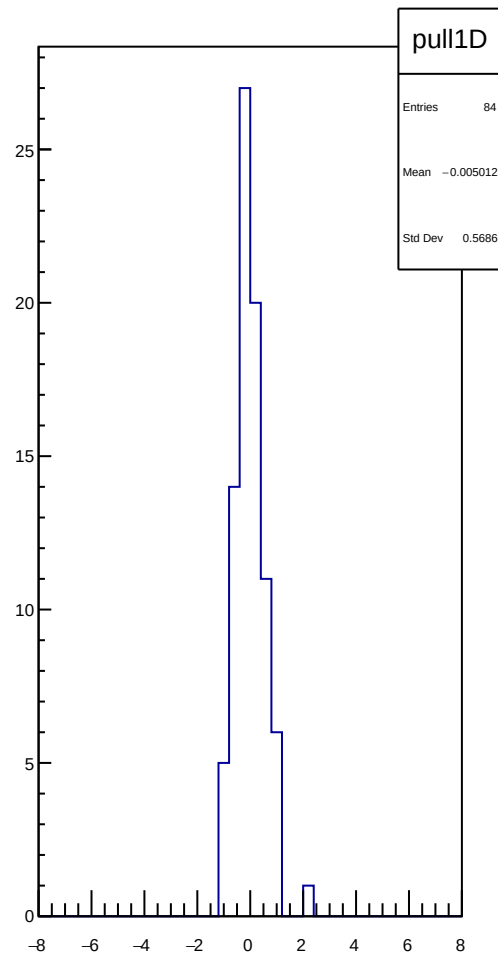
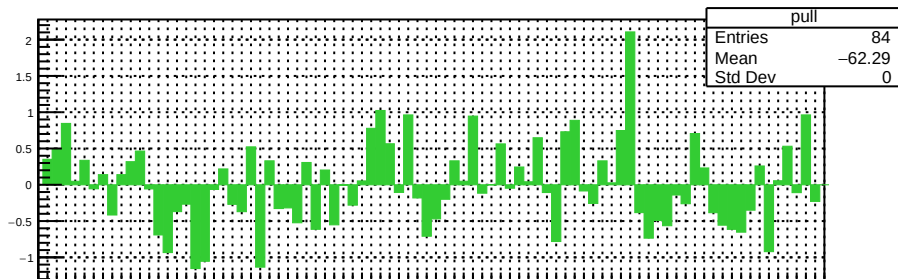
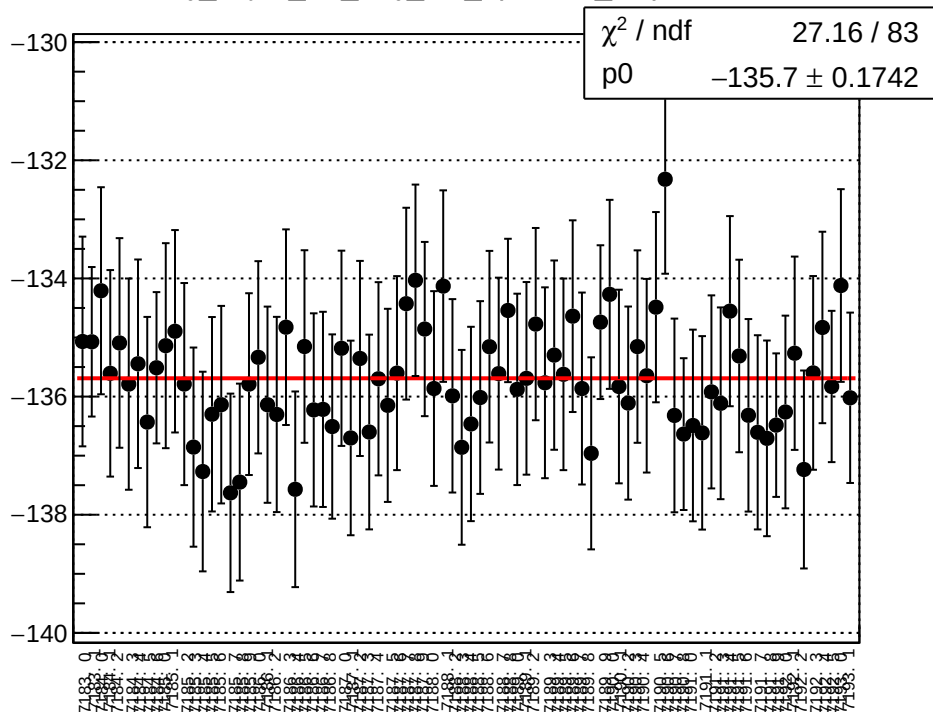
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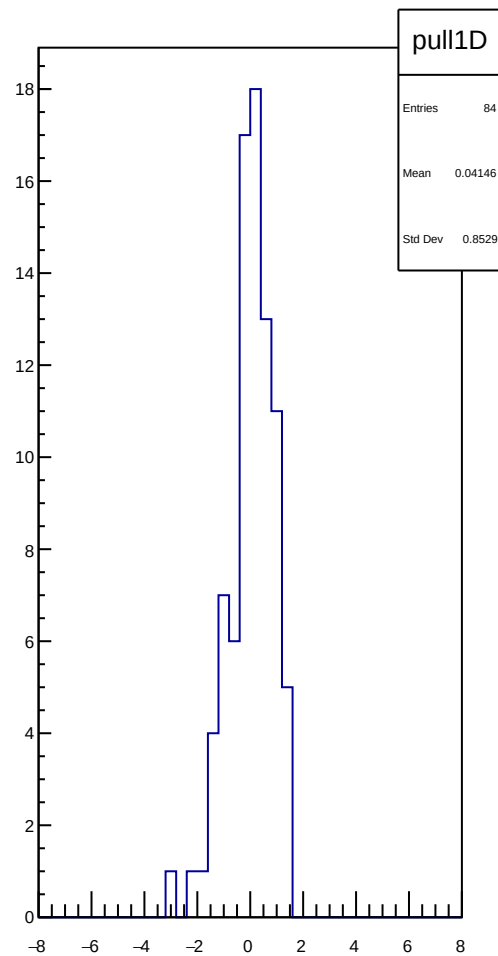
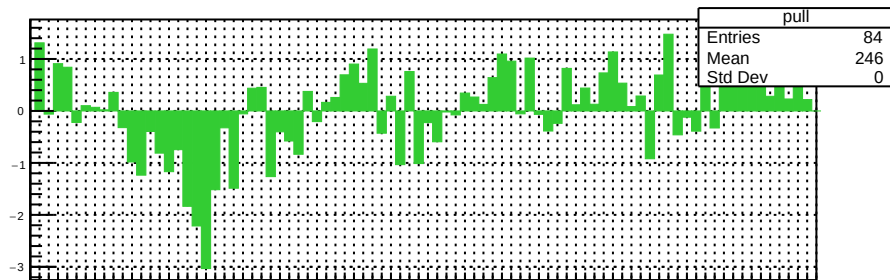
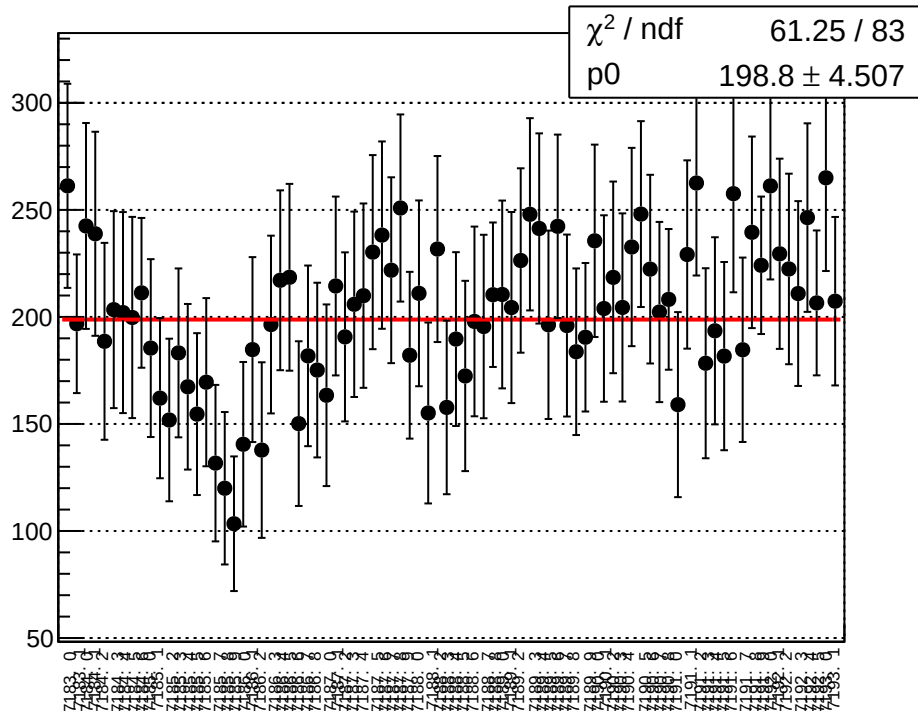
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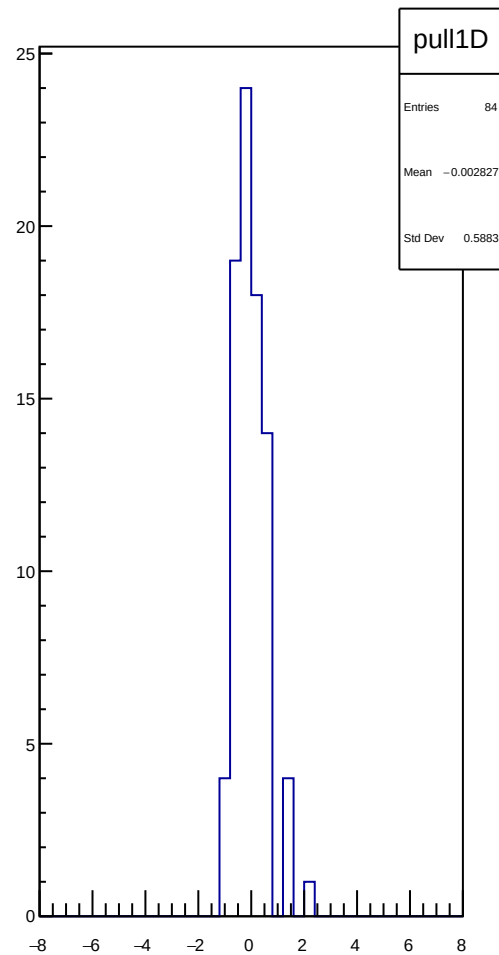
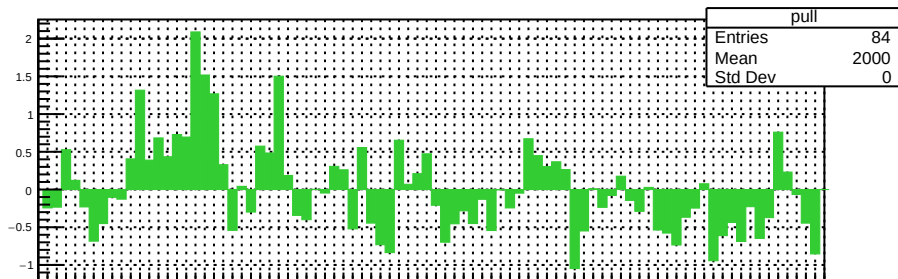
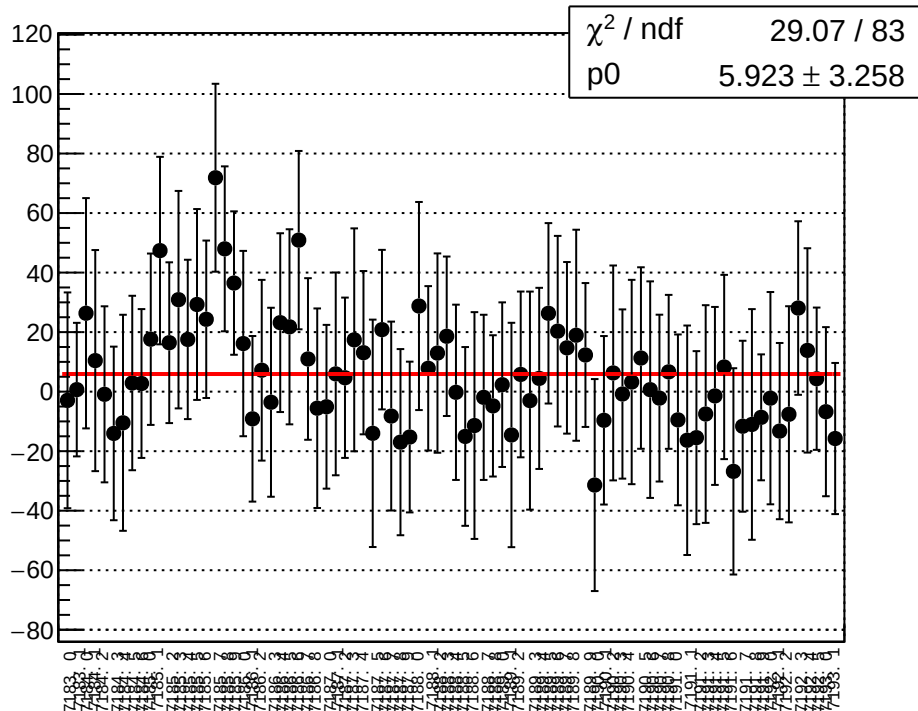
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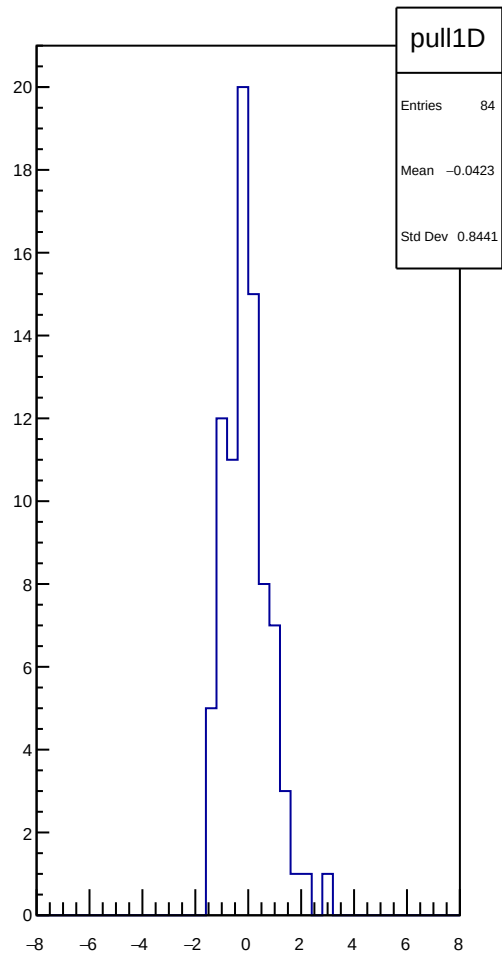
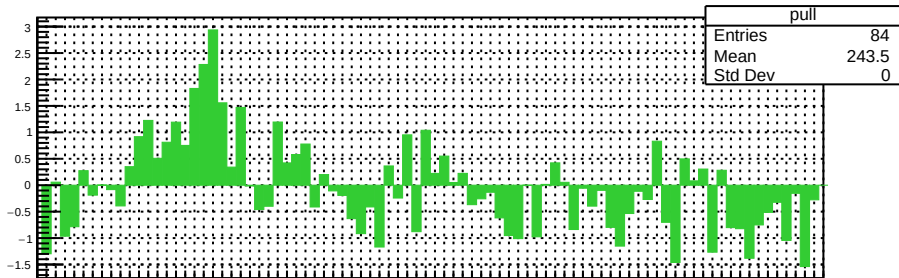
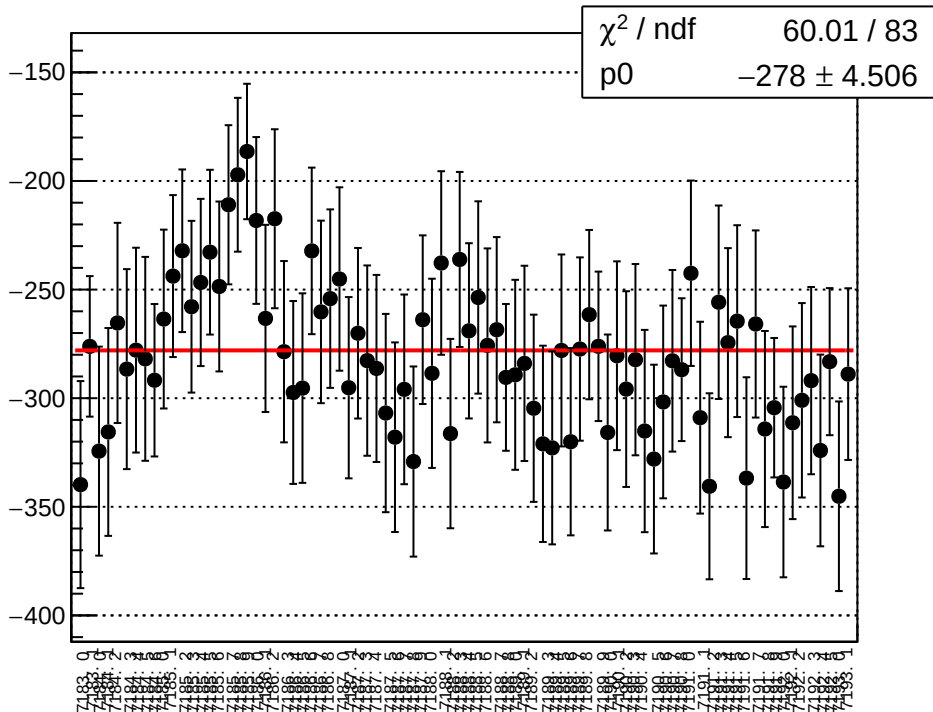
reg_asym_atr_dd_diff_bpm1X_slope vs run



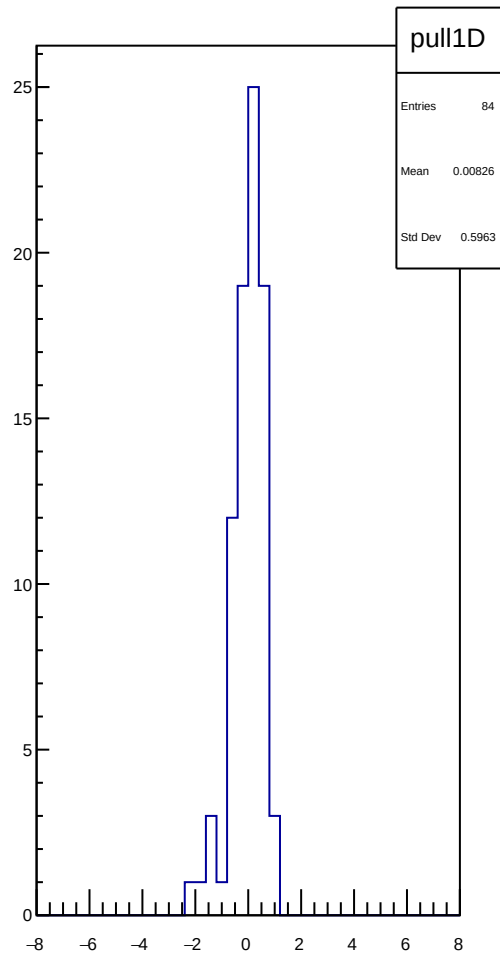
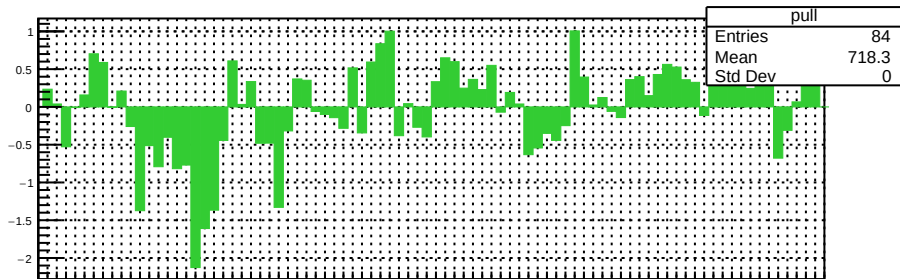
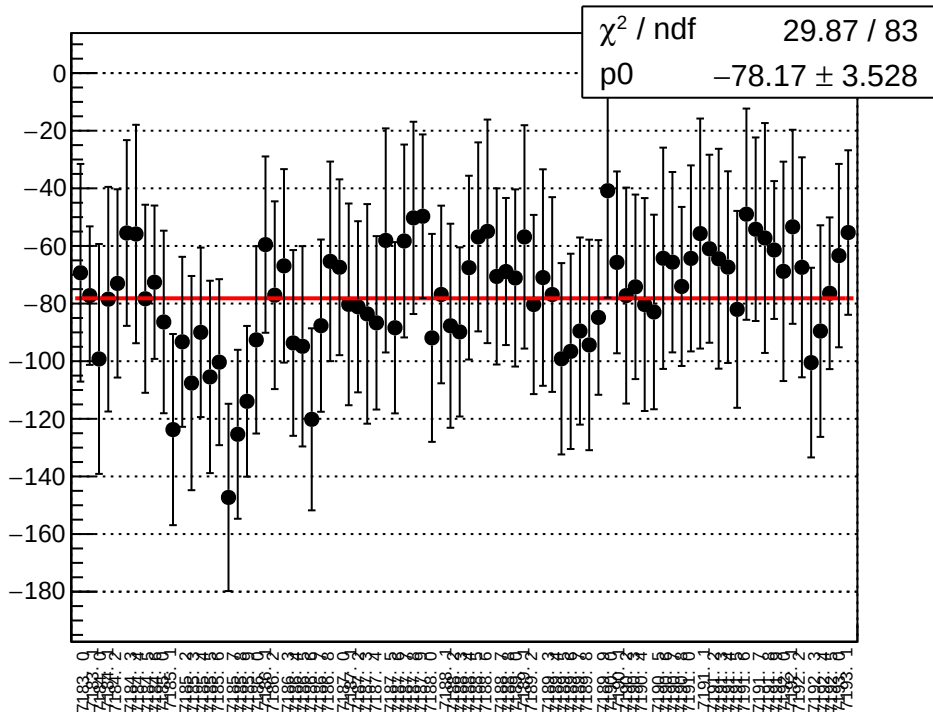
reg_asym_atr_dd_diff_bpm4aY_slope vs run



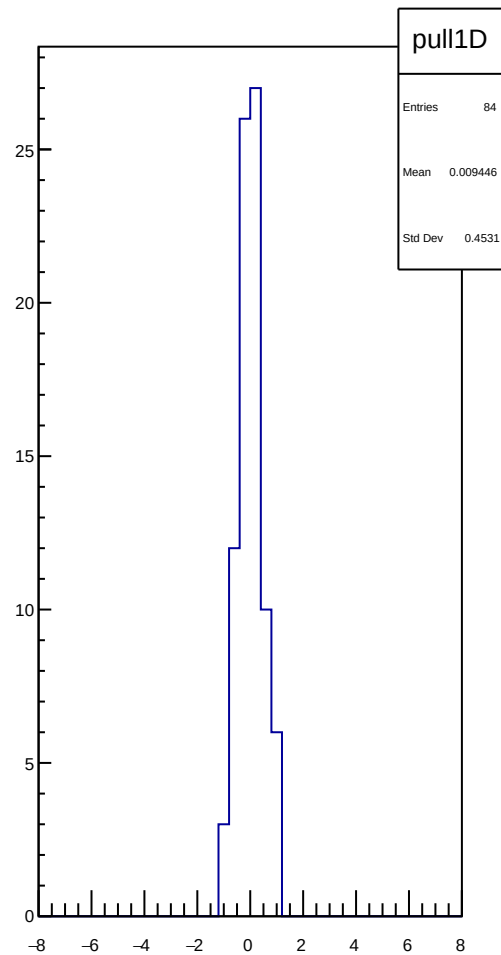
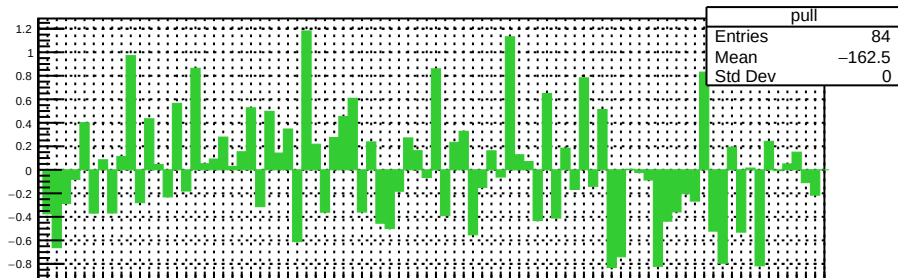
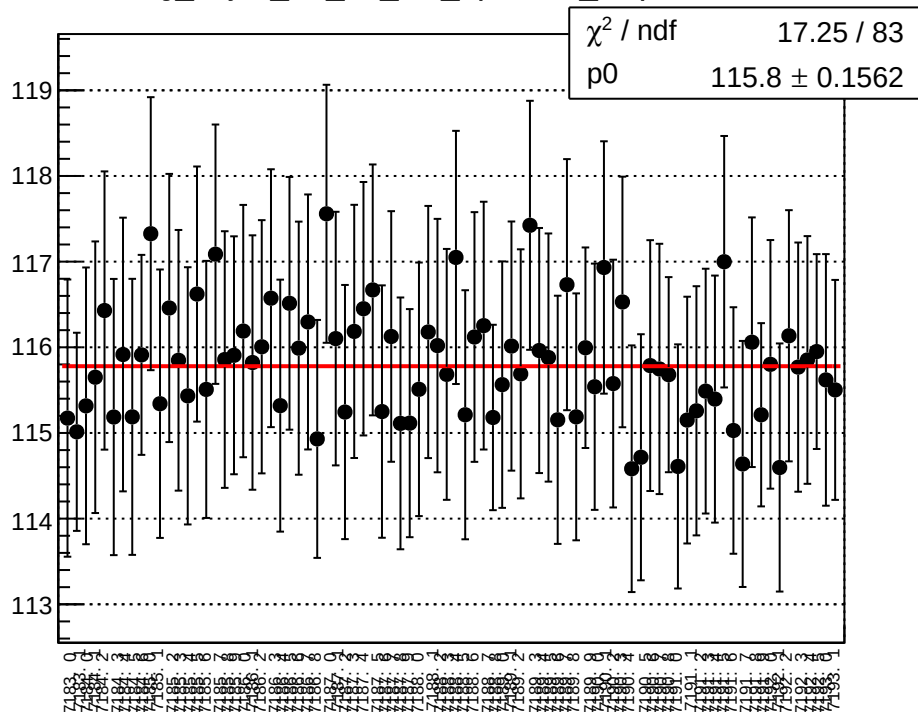
reg_asym_atr_dd_diff_bpm4eX_slope vs run



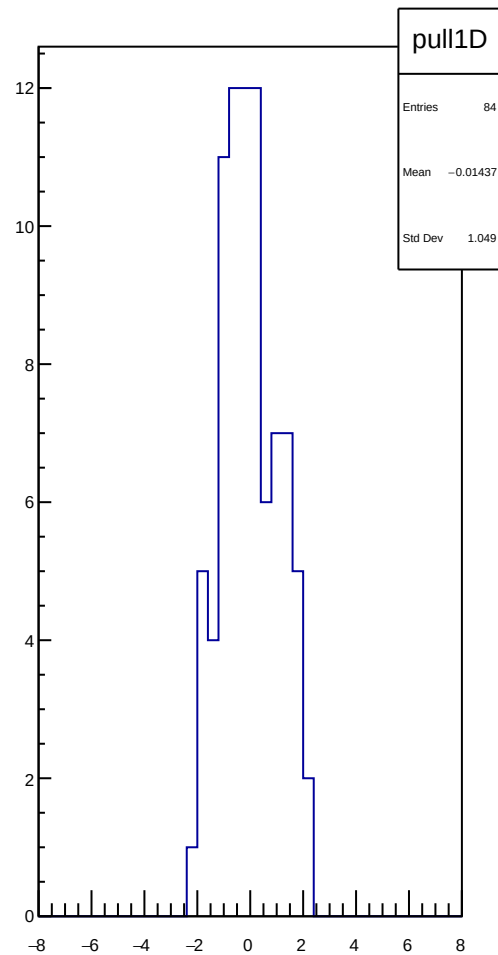
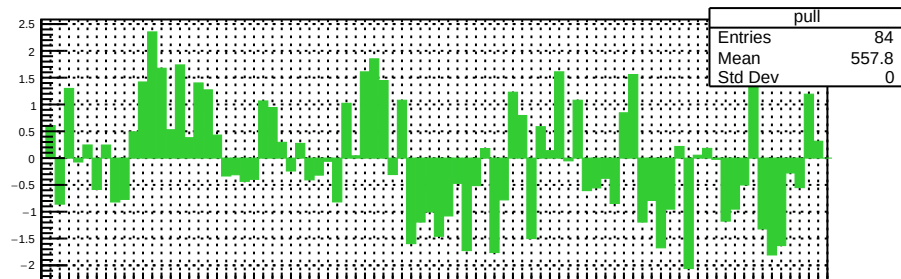
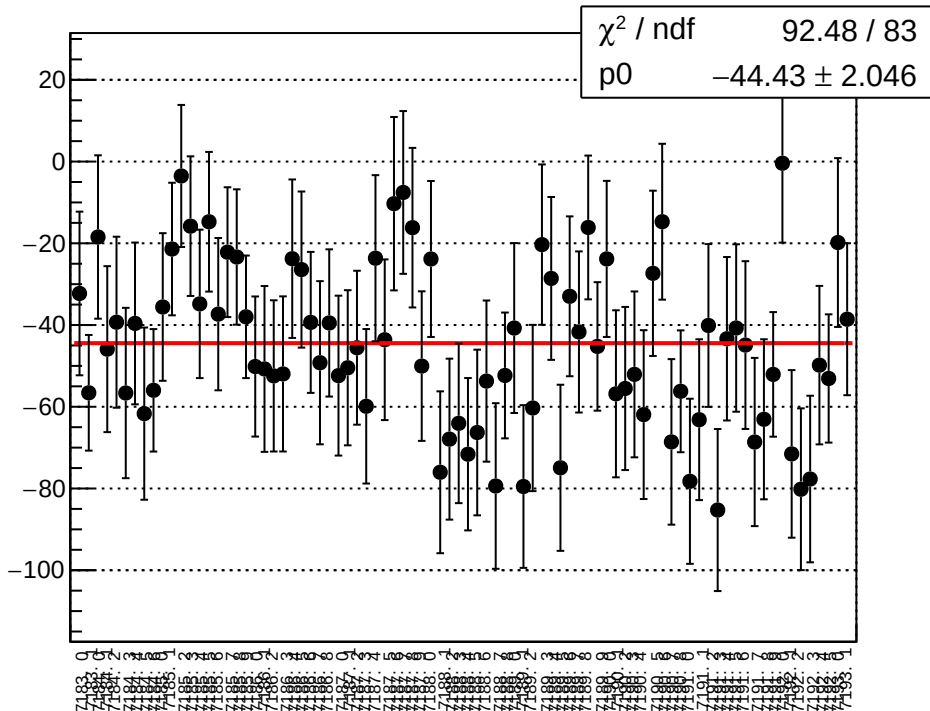
reg_asym_atr_dd_diff_bpm4eY_slope vs run



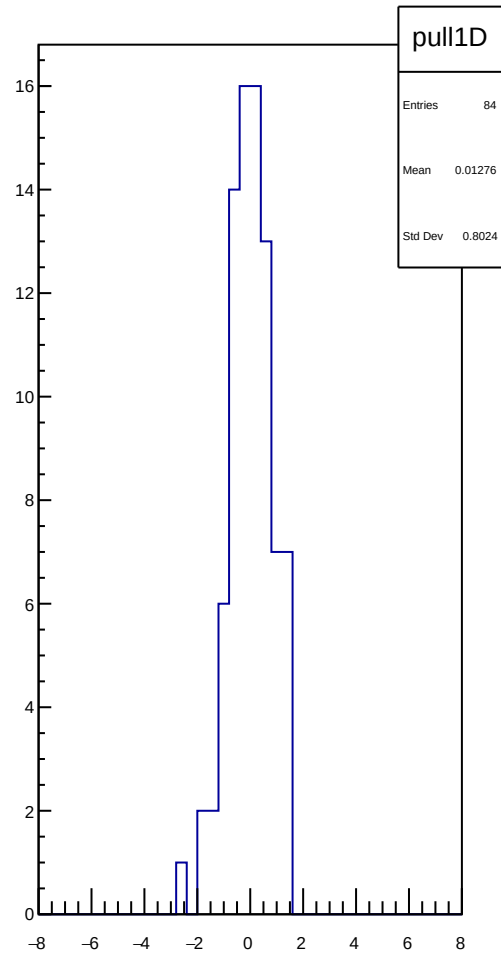
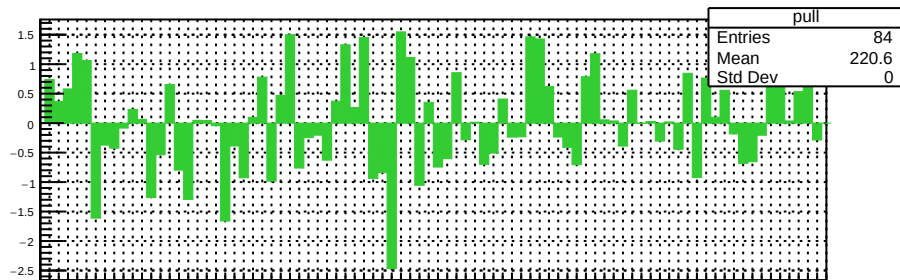
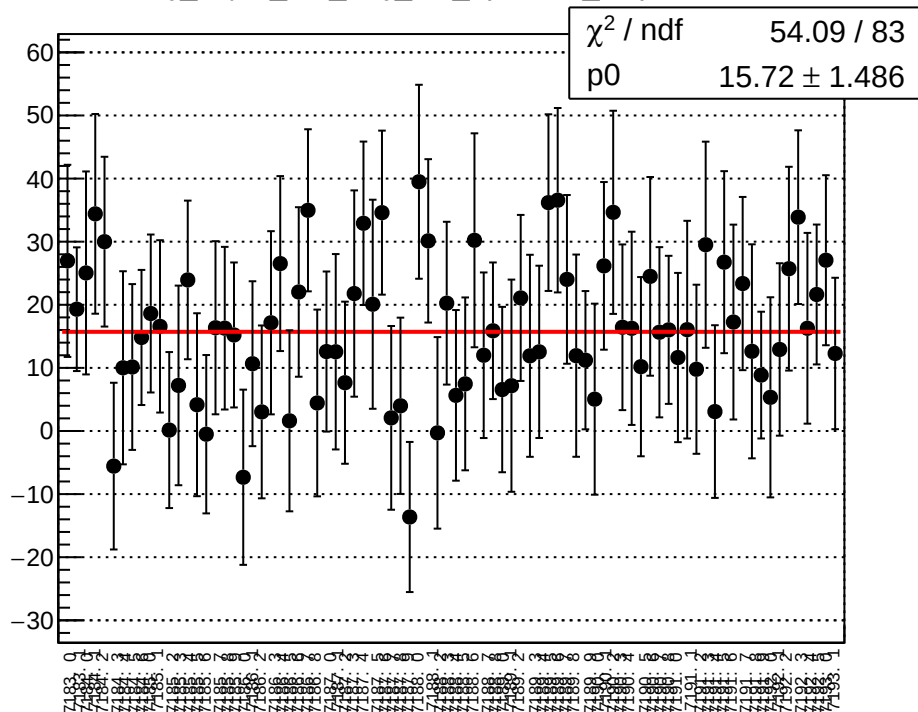
reg_asym_atr_dd_diff_bpm12X_slope vs run



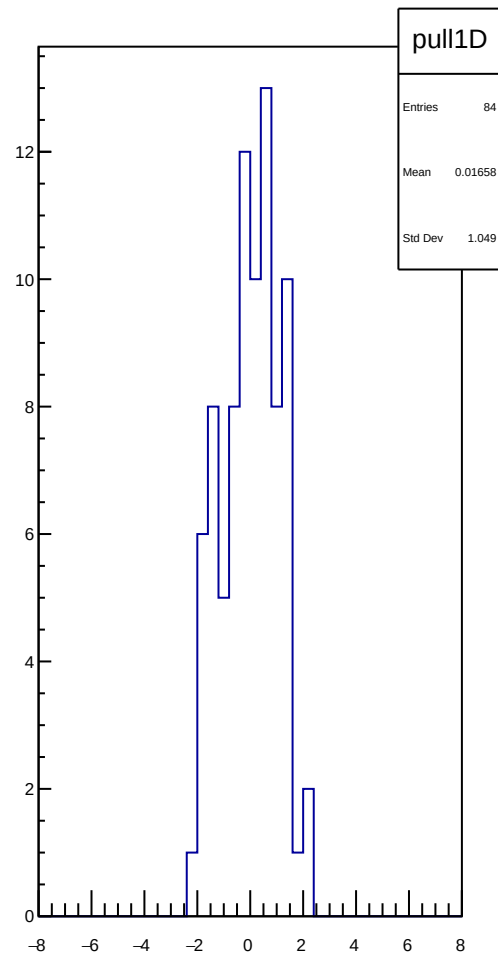
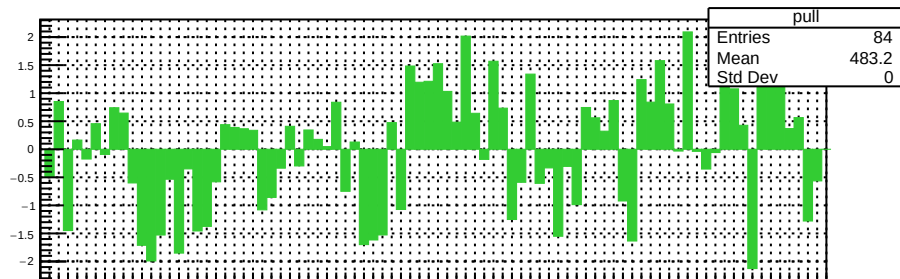
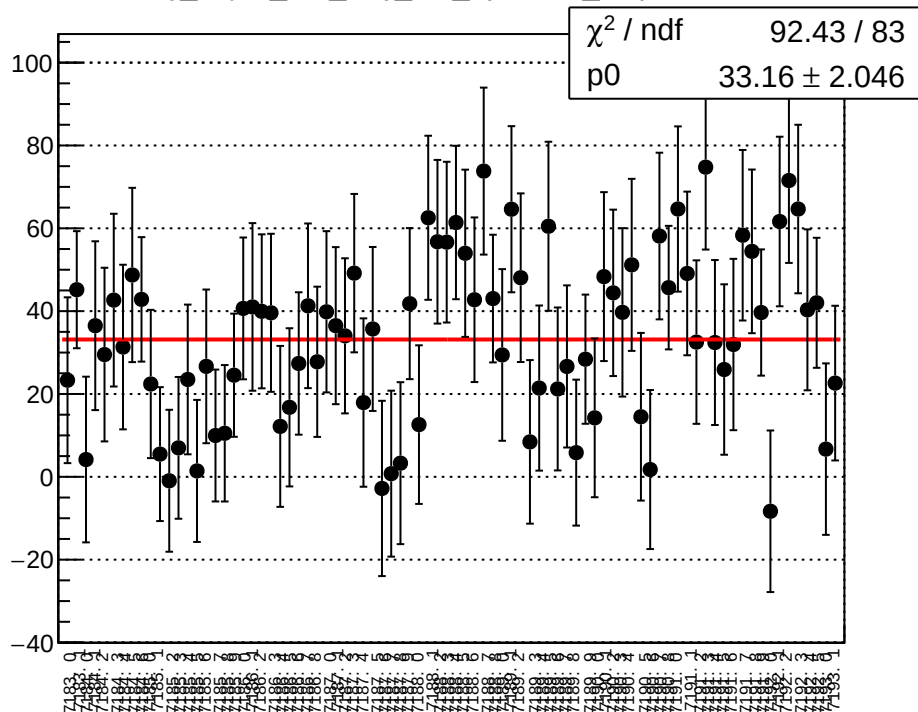
reg_asym_at1_avg_diff_bpm1X_slope vs run



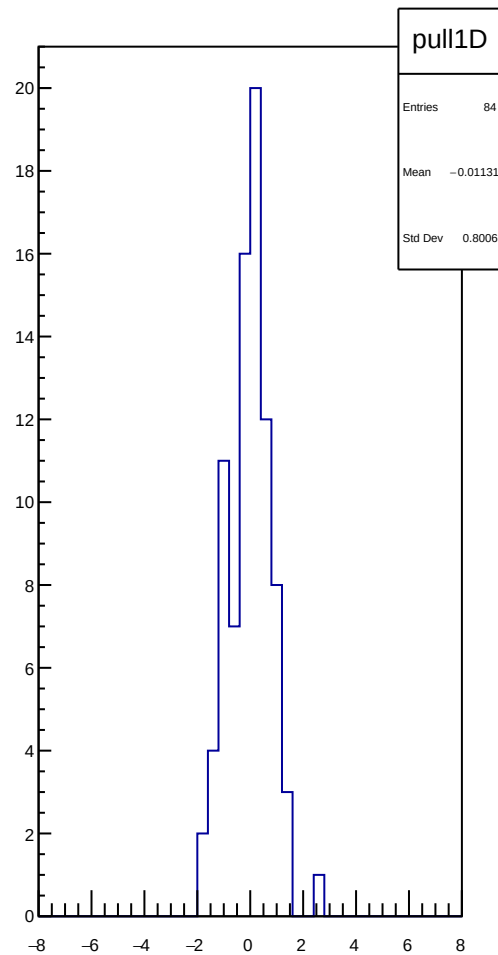
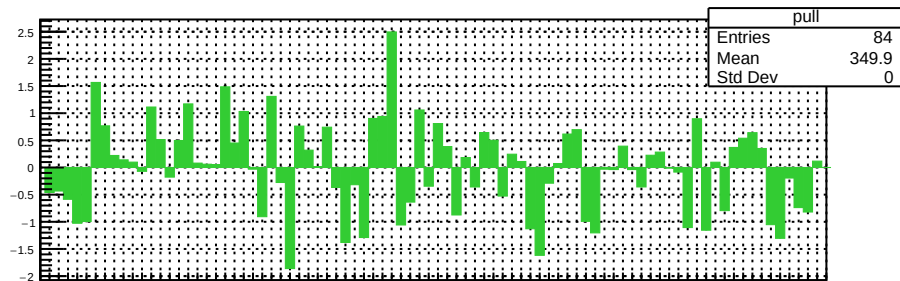
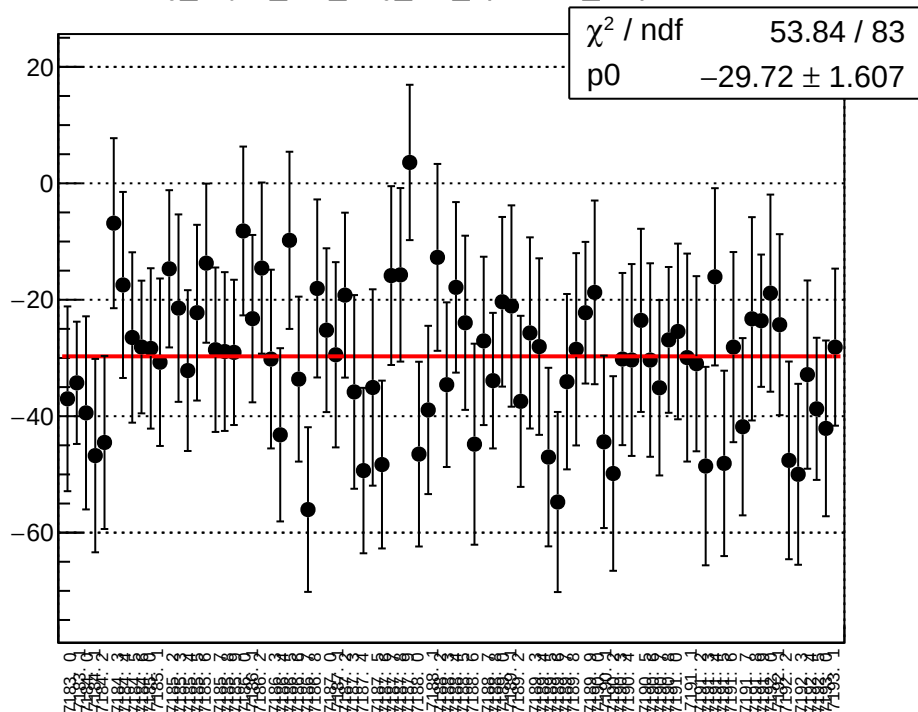
reg_asym_at1_avg_diff_bpm4aY_slope vs run



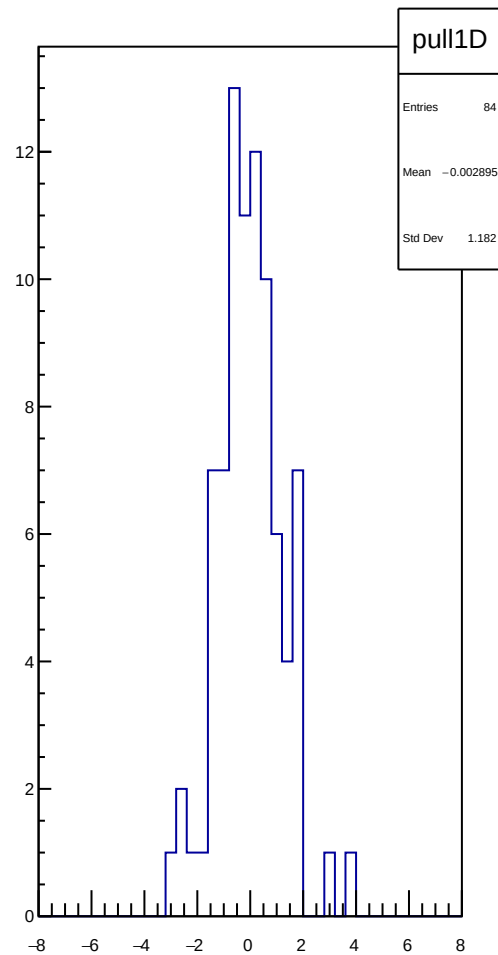
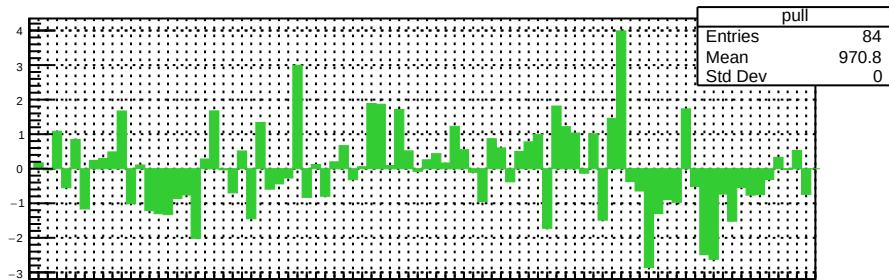
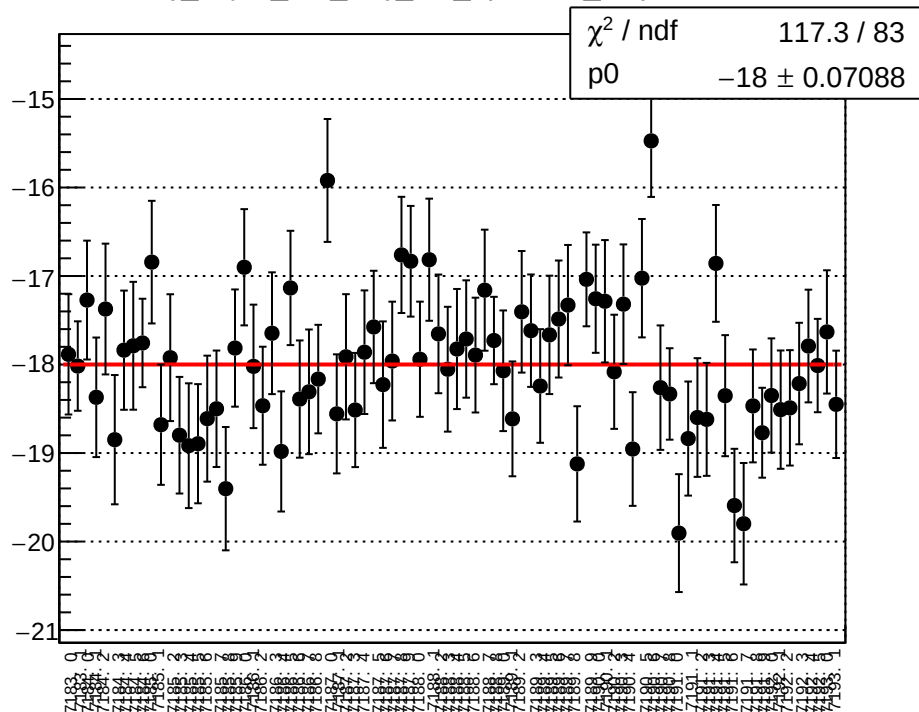
reg_asym_at1_avg_diff_bpm4eX_slope vs run



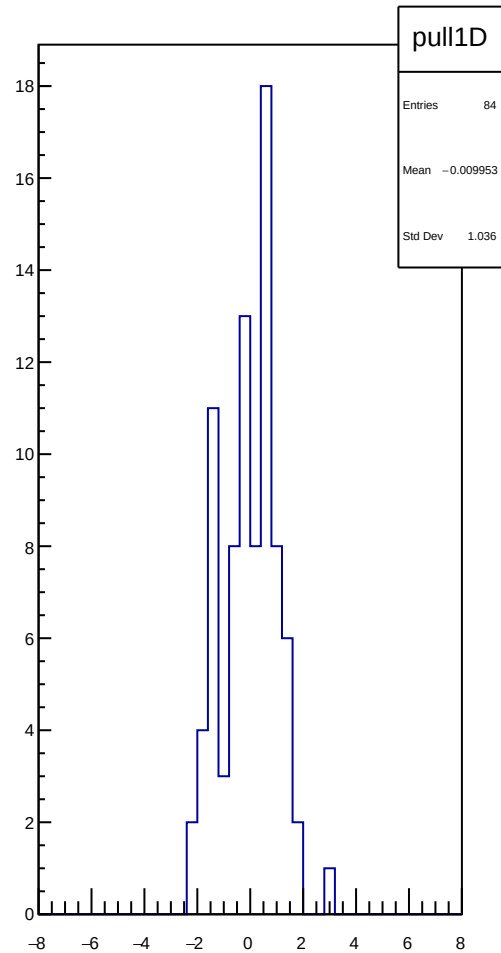
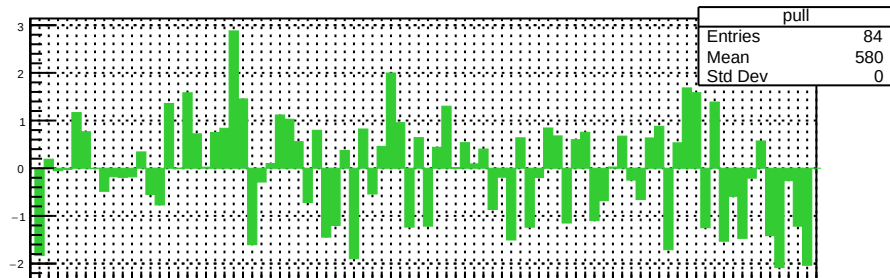
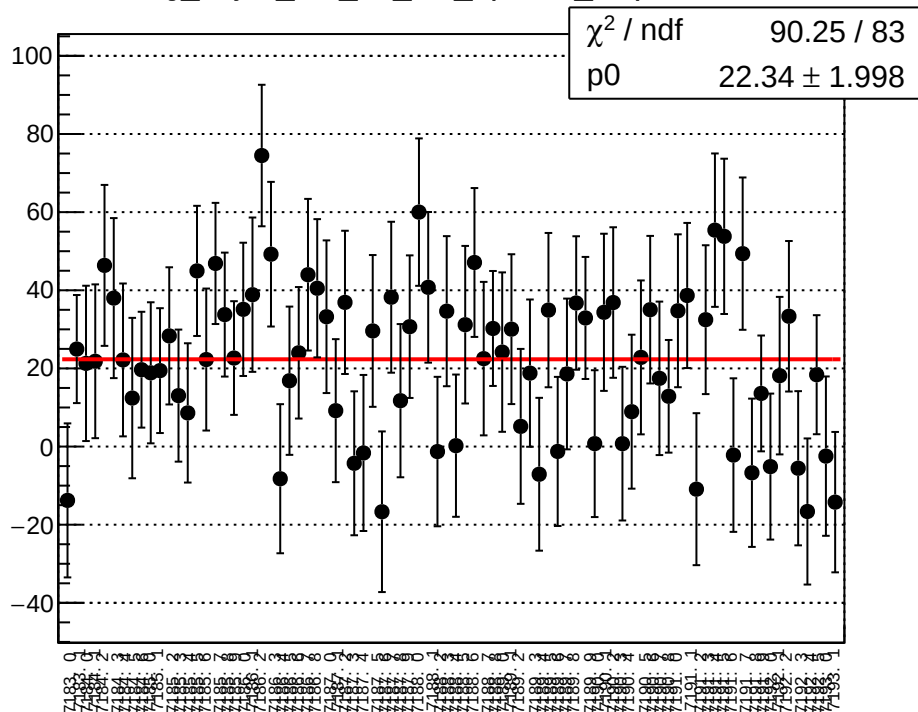
reg_asym_at1_avg_diff_bpm4eY_slope vs run



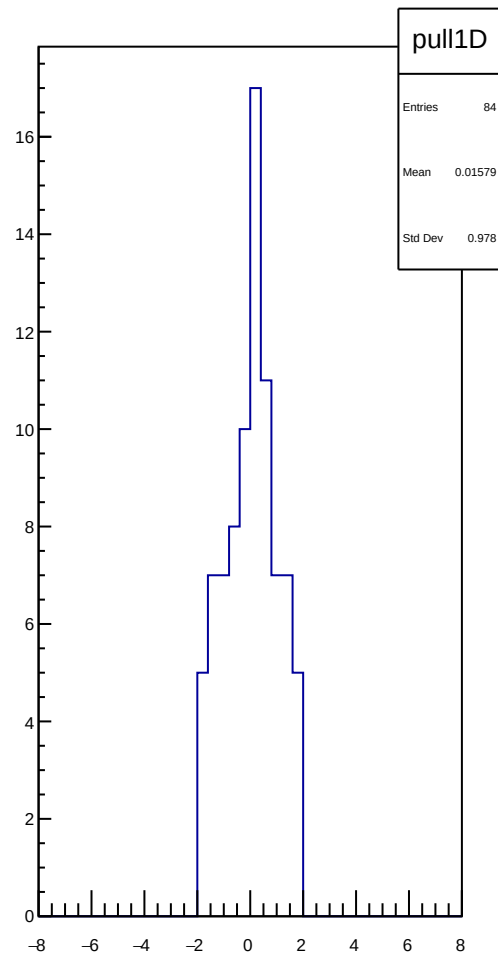
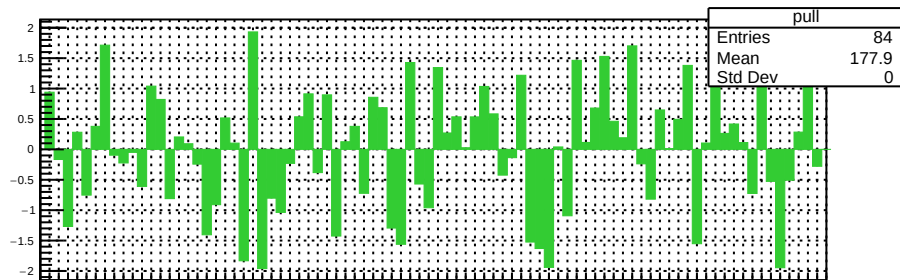
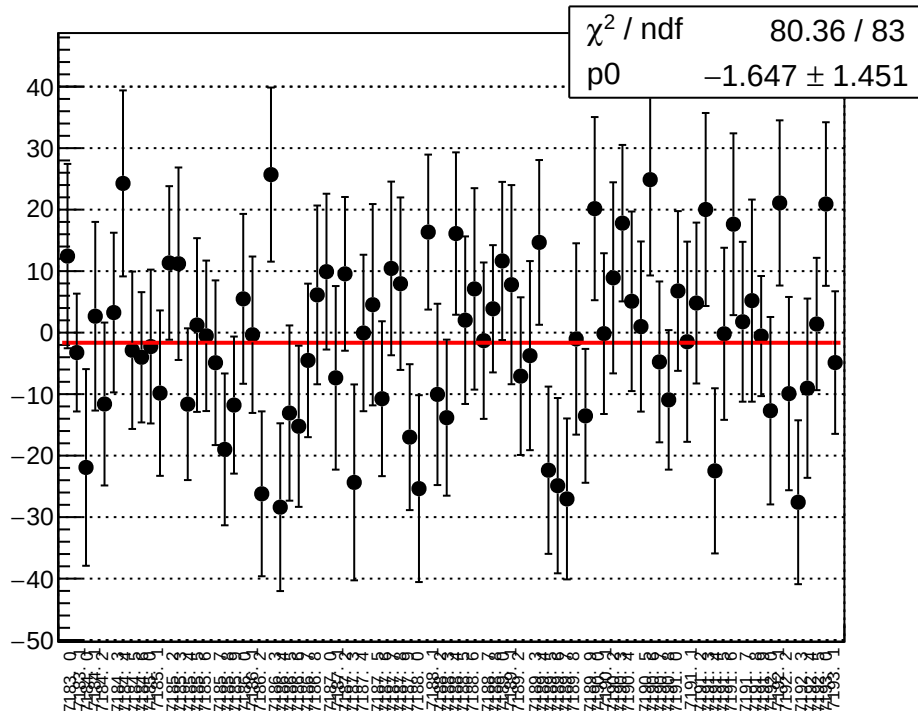
reg_asym_at1_avg_diff_bpm12X_slope vs run



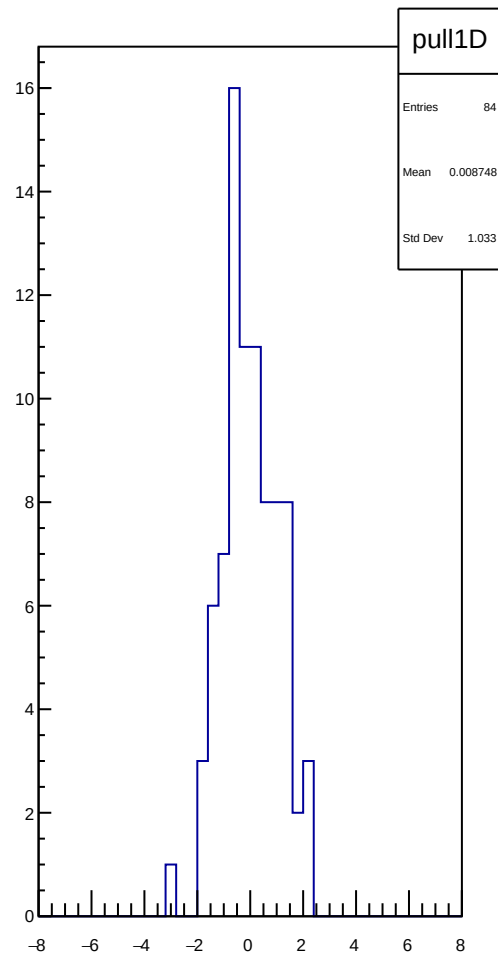
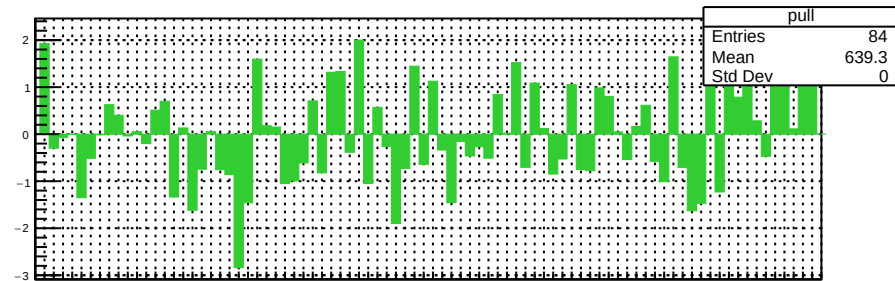
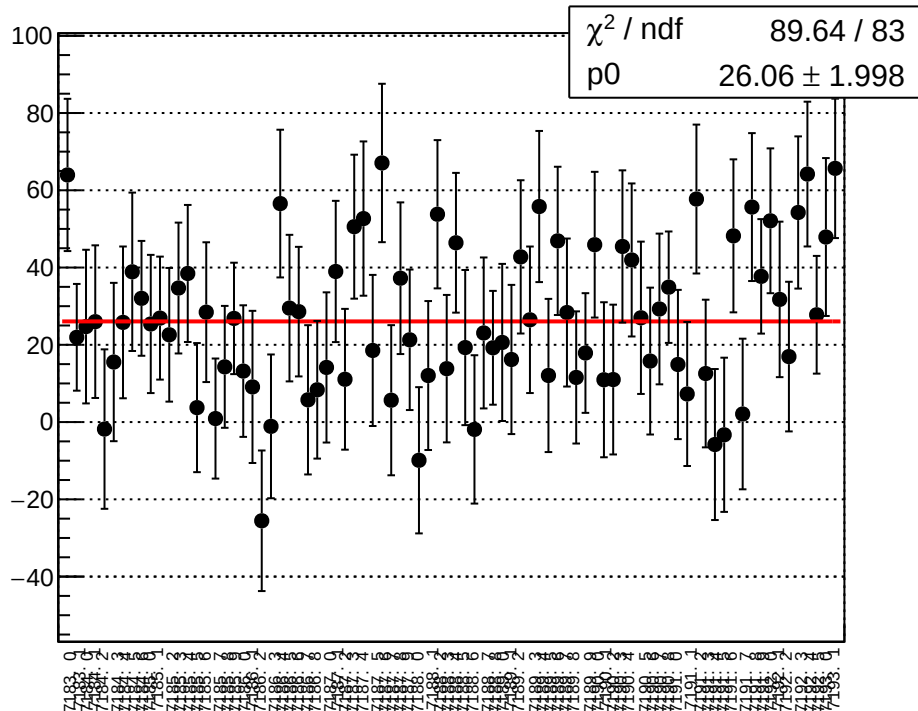
reg_asym_at1_dd_diff_bpm1X_slope vs run



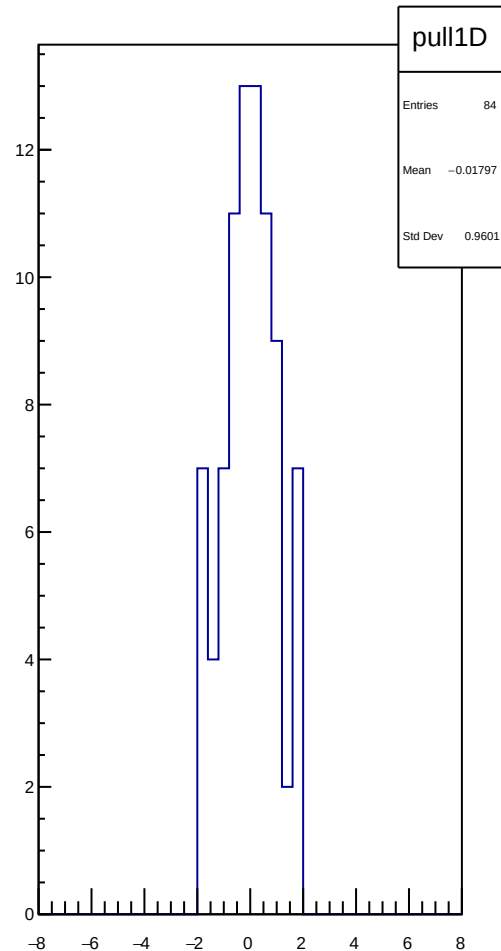
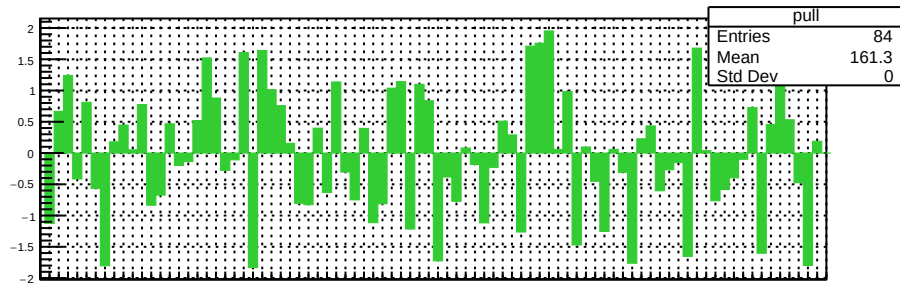
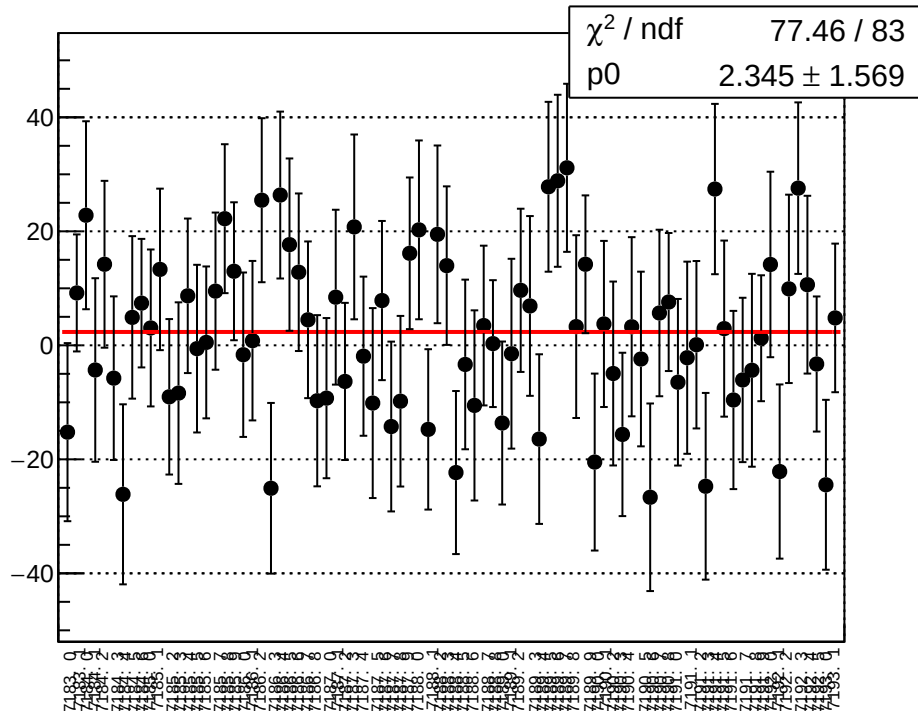
reg_asym_at1_dd_diff_bpm4aY_slope vs run



reg_asym_at1_dd_diff_bpm4eX_slope vs run

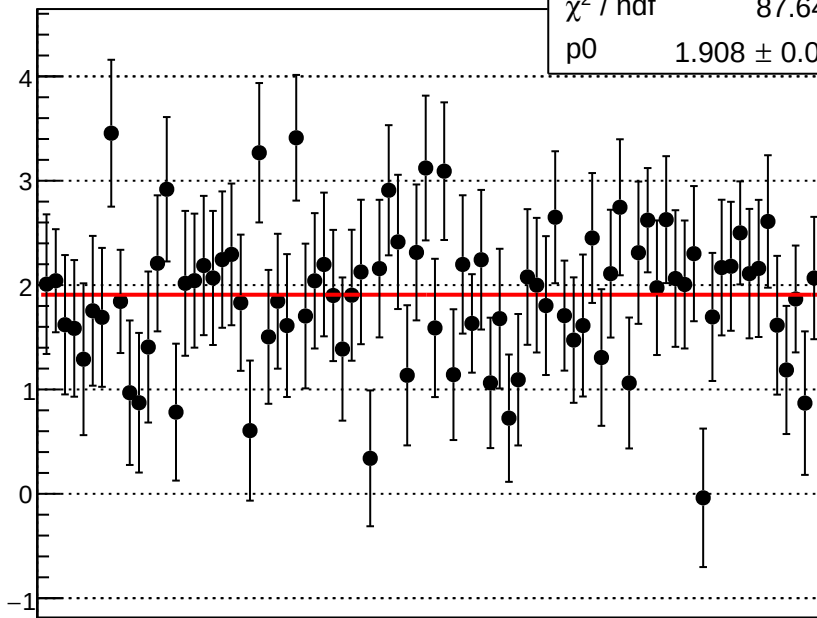


reg_asym_at1_dd_diff_bpm4eY_slope vs run

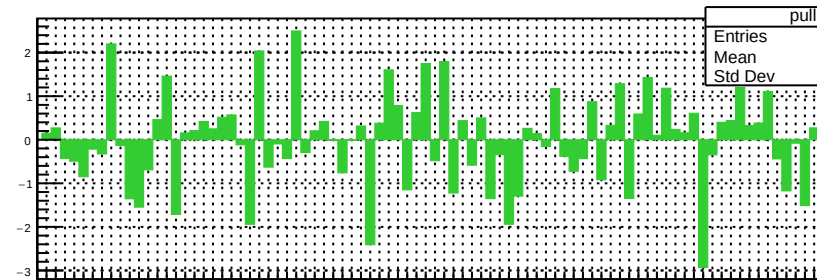


reg_asym_at1_dd_diff_bpm12X_slope vs run

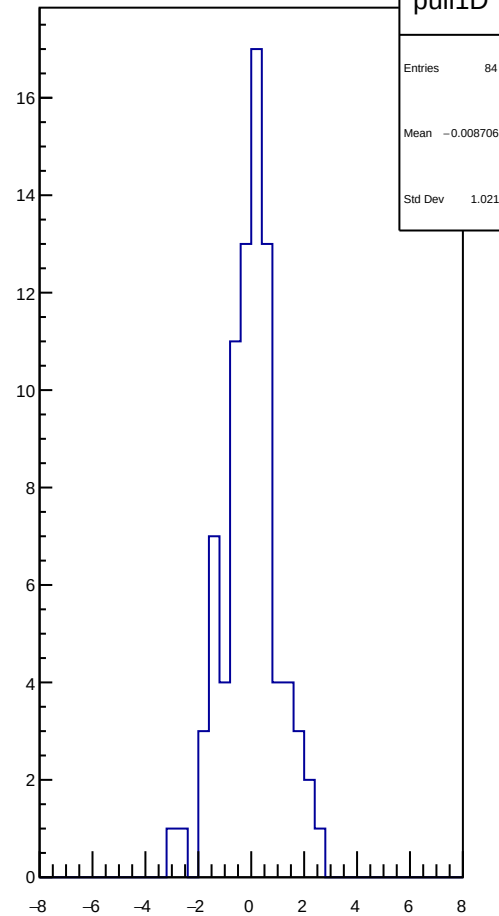
χ^2 / ndf 87.64 / 83
p0 1.908 ± 0.06918



83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

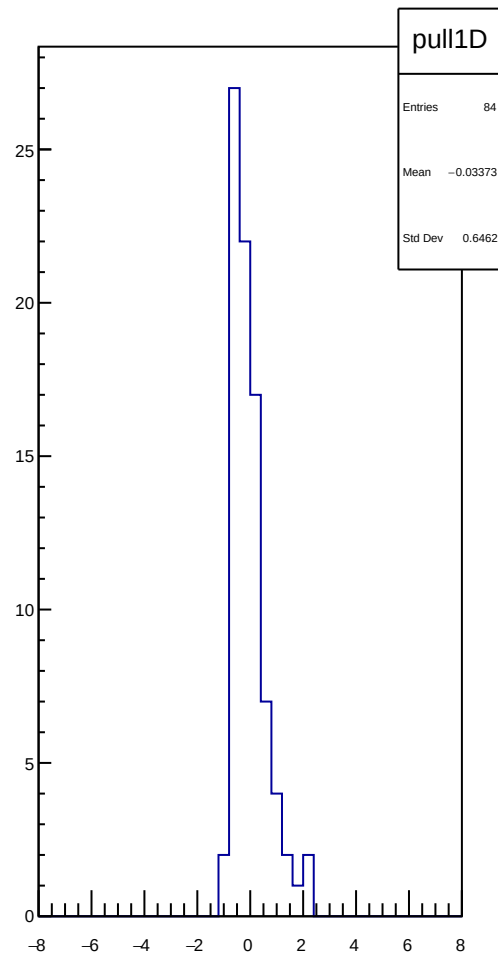
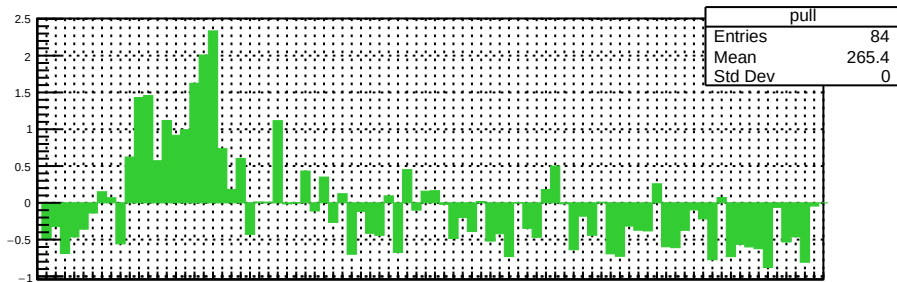
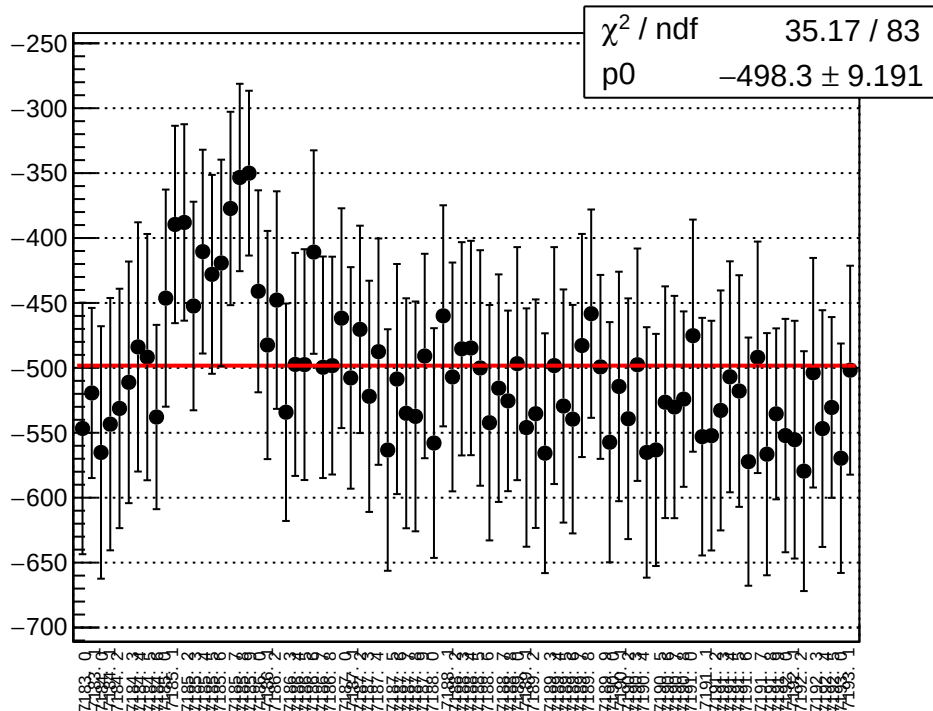


pull
Entries 84
Mean -2.117
Std Dev 43.6

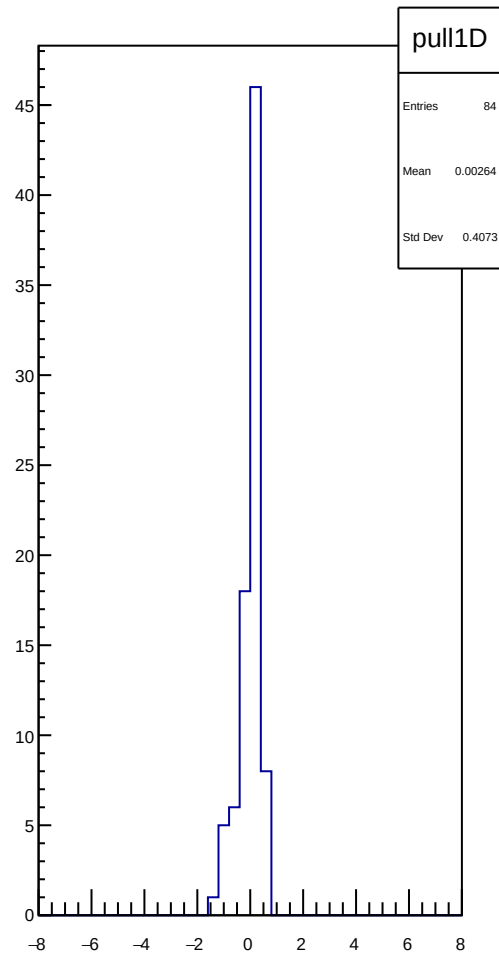
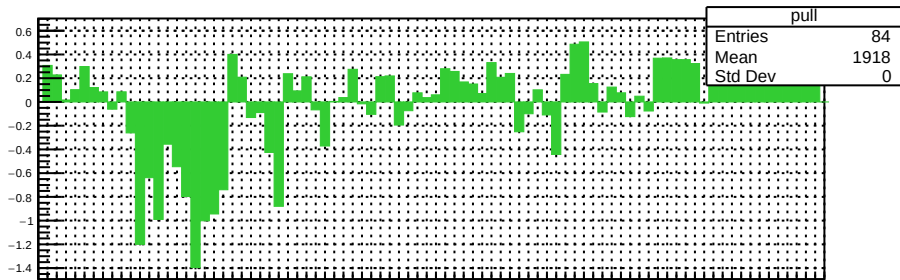
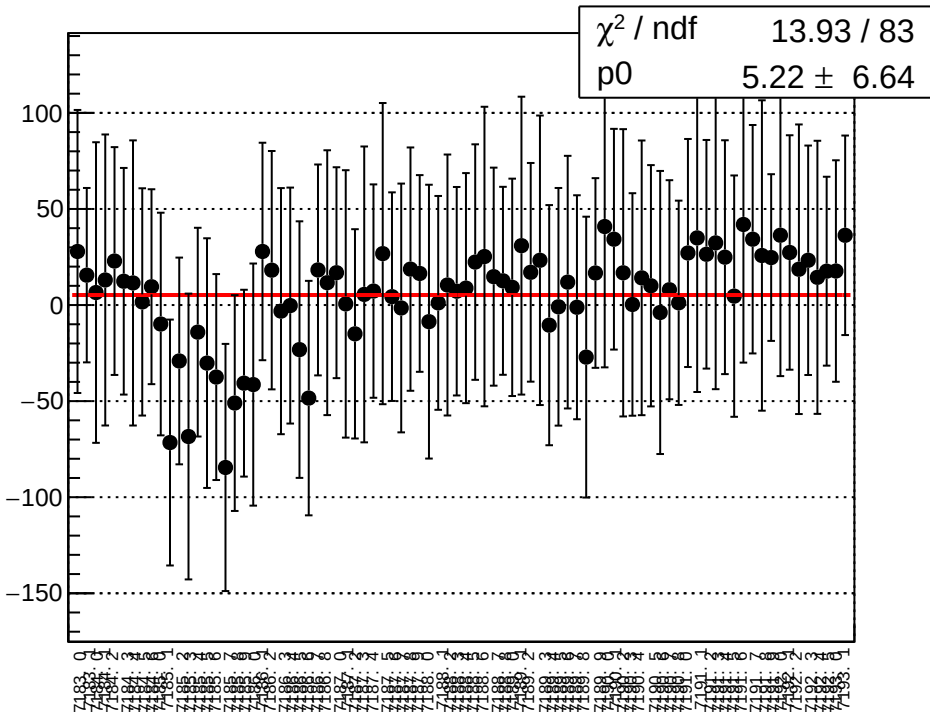


pull1D
Entries 84
Mean -0.008706
Std Dev 1.021

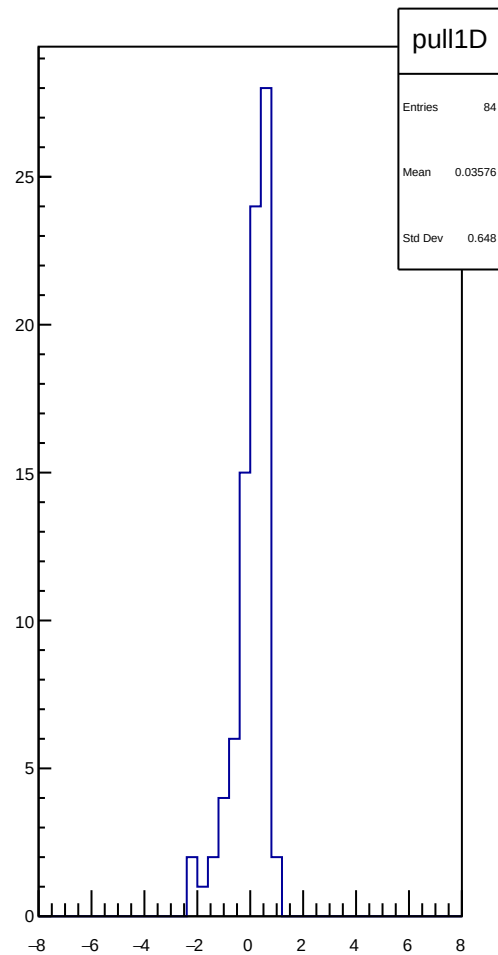
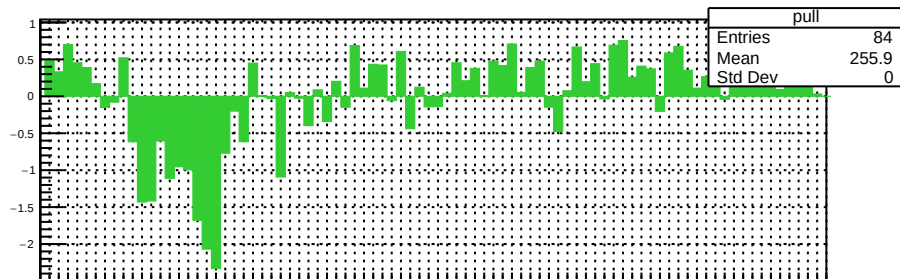
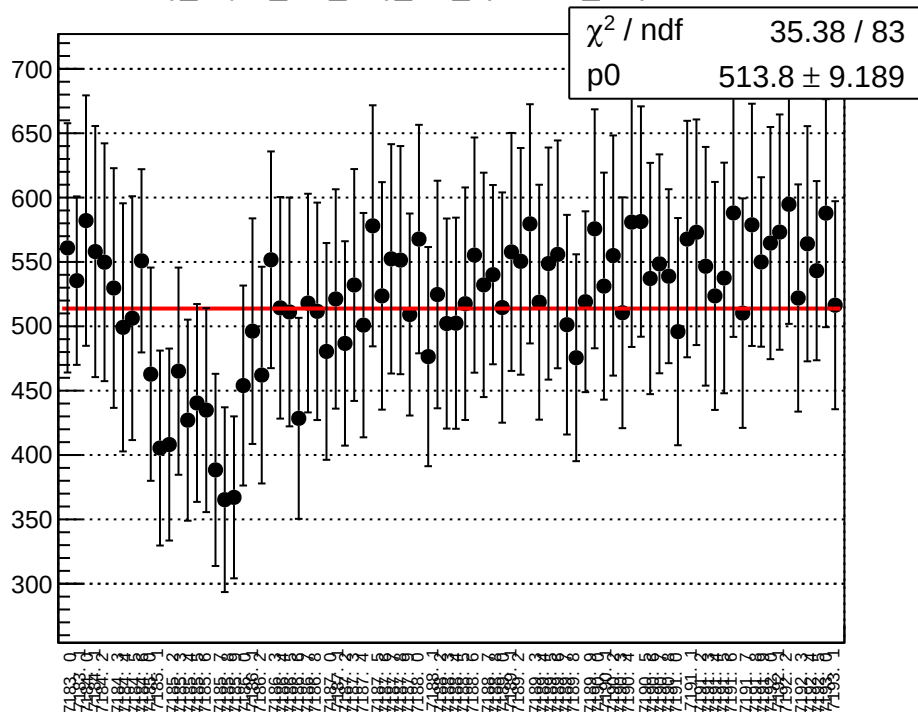
reg_asym_at2_avg_diff_bpm1X_slope vs run



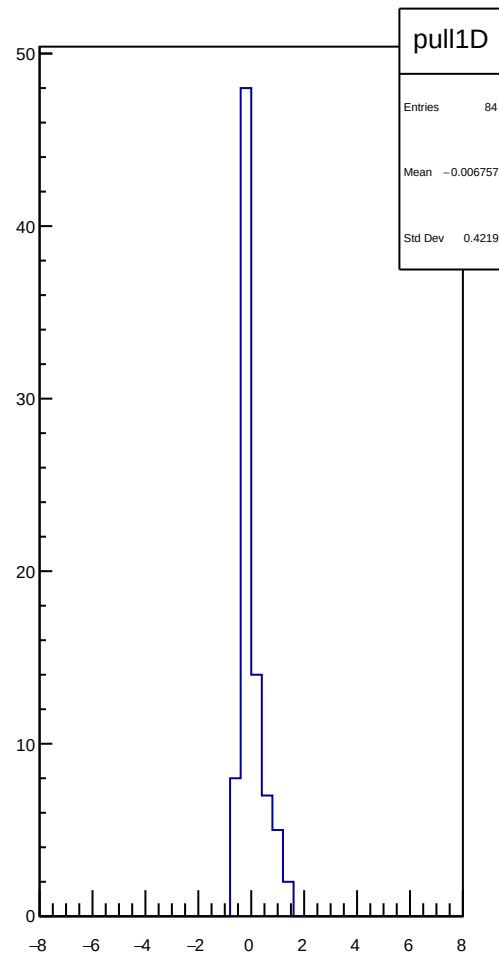
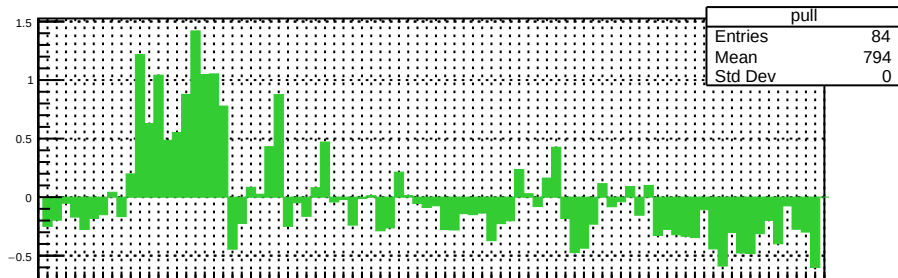
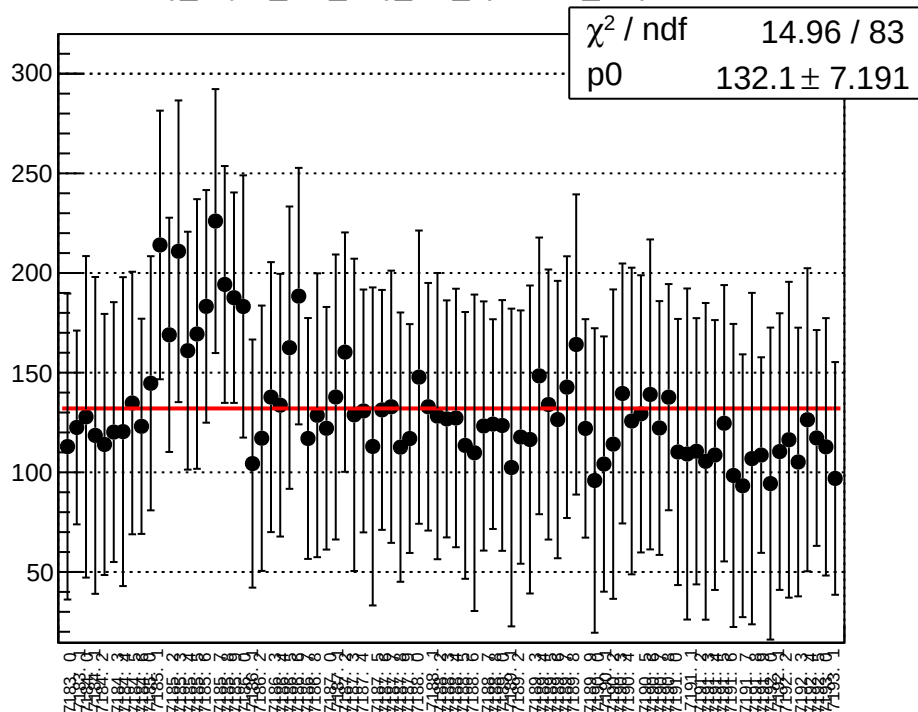
reg asym at2 avg diff bpm4aY_slope vs run



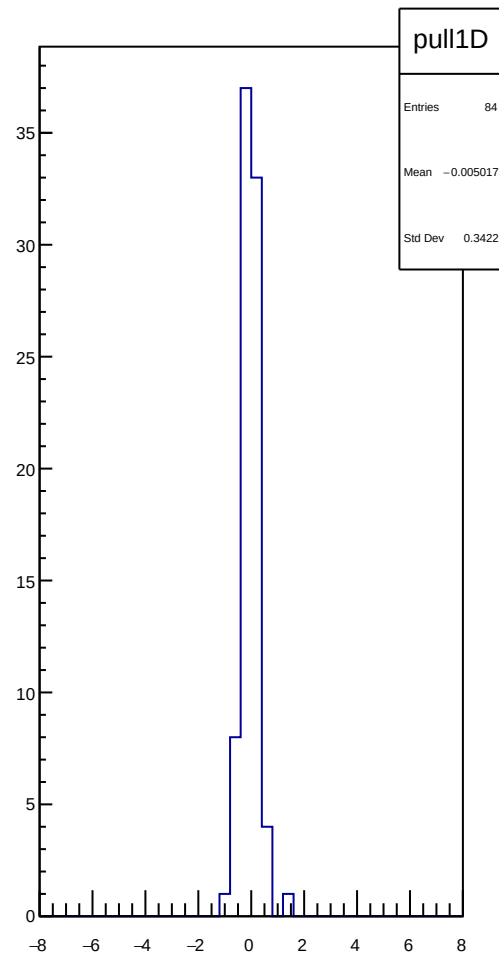
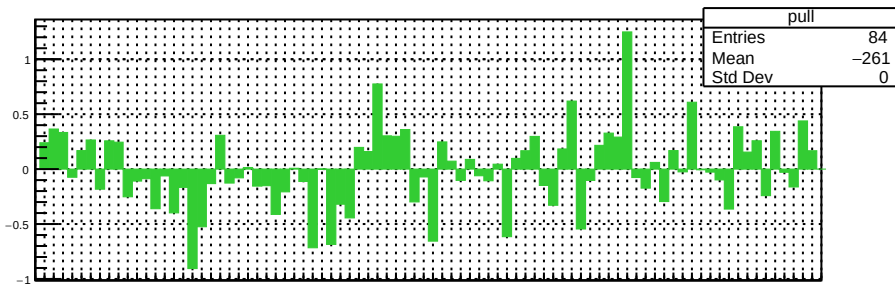
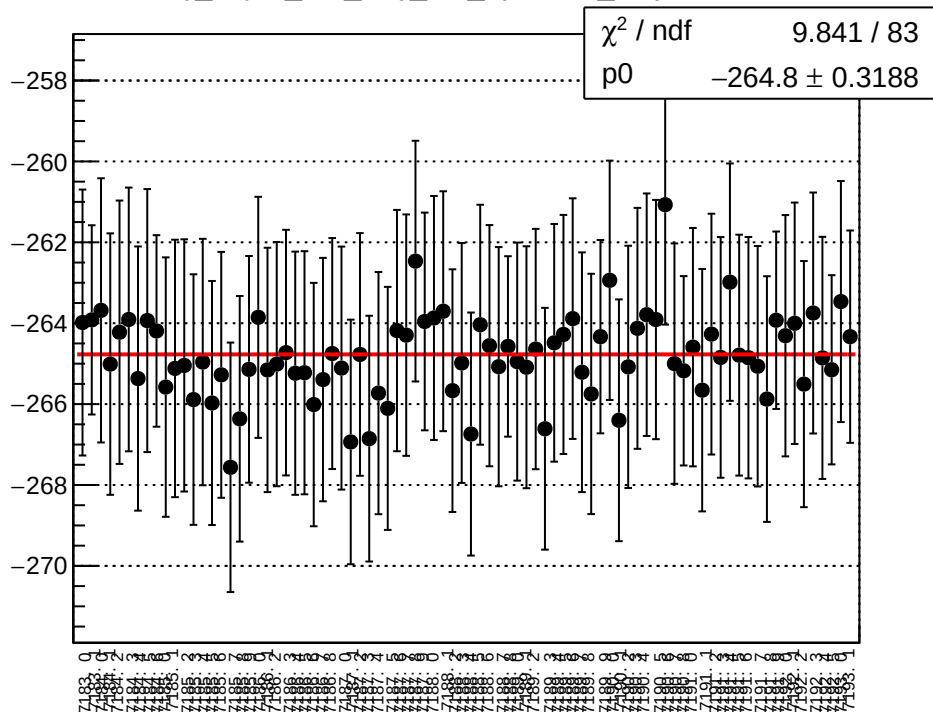
reg_asym_at2_avg_diff_bpm4eX_slope vs run



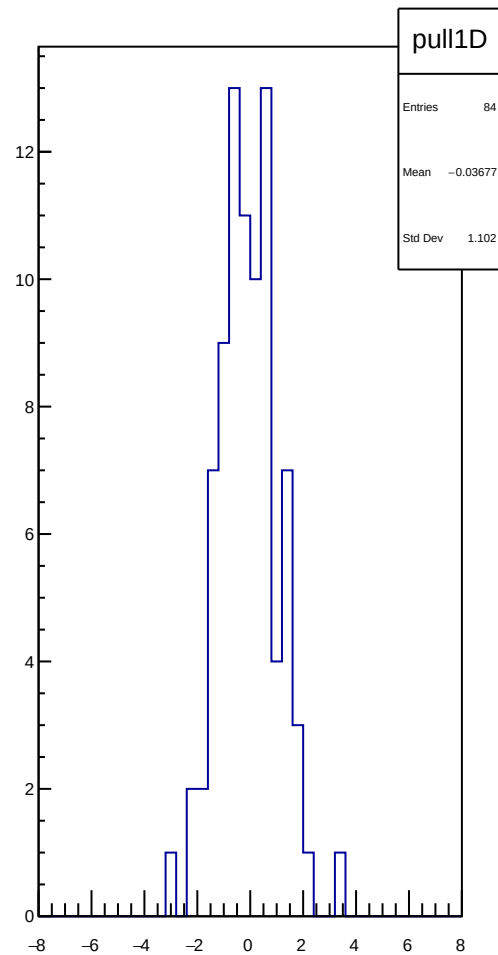
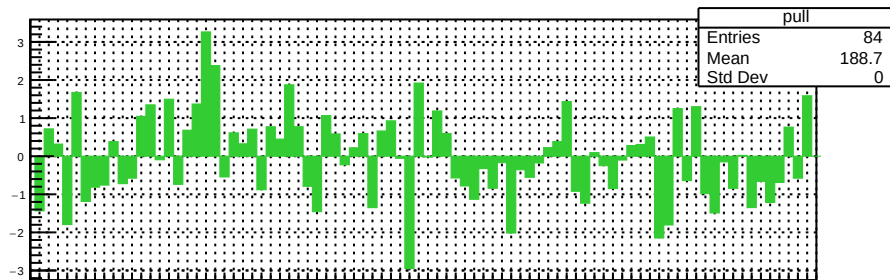
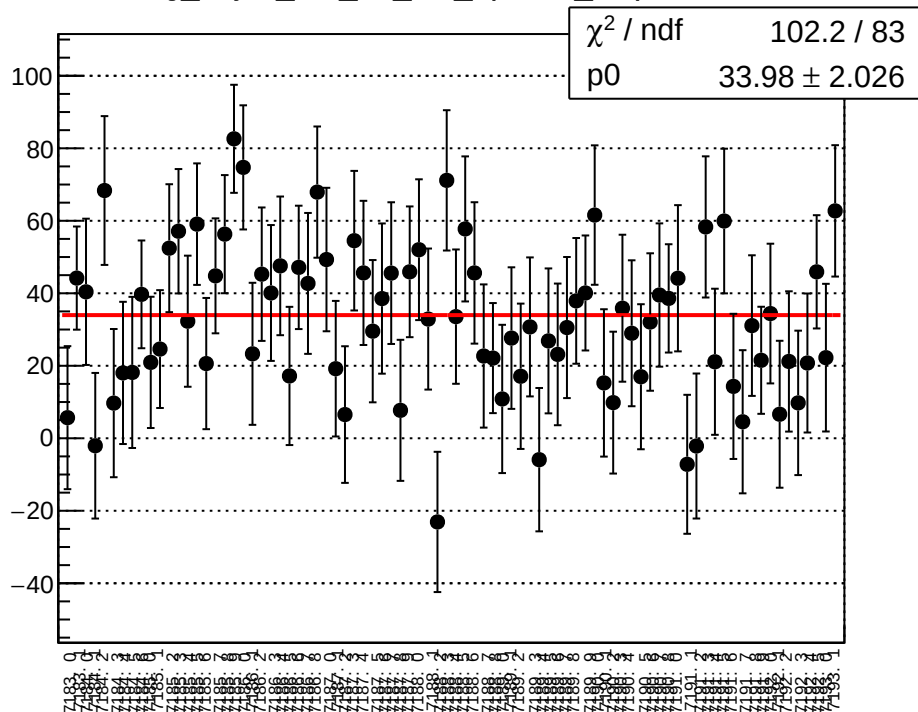
reg_asym_at2_avg_diff_bpm4eY_slope vs run



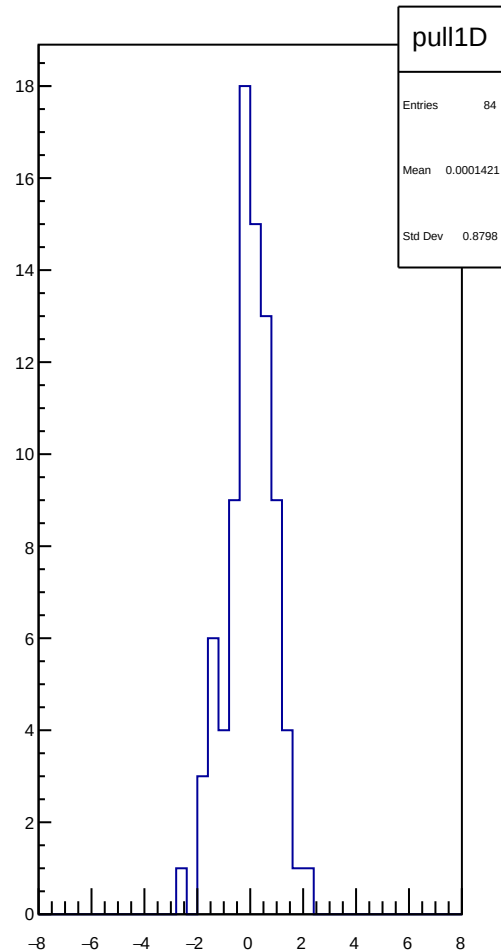
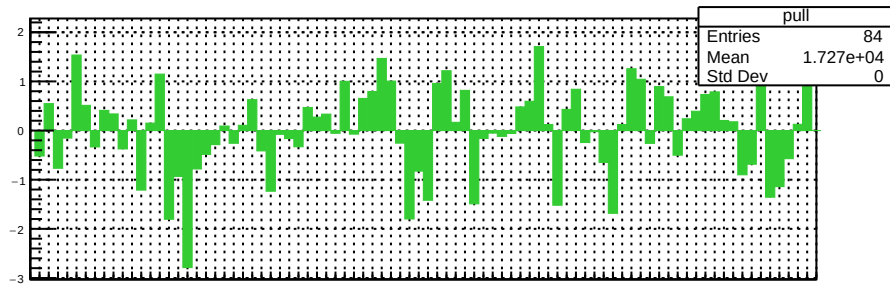
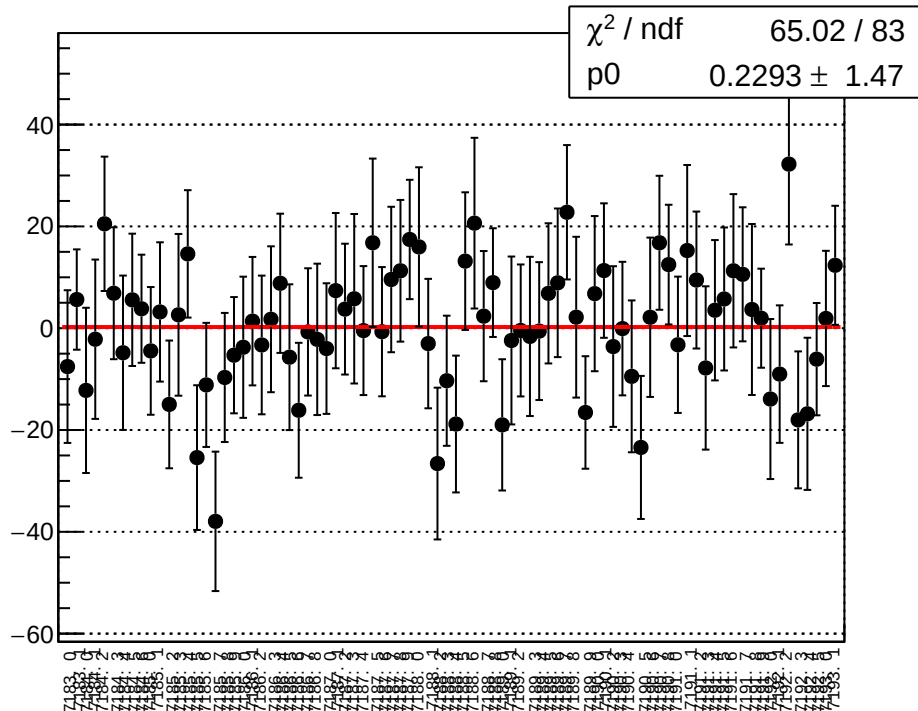
reg_asym_at2_avg_diff_bpm12X_slope vs run



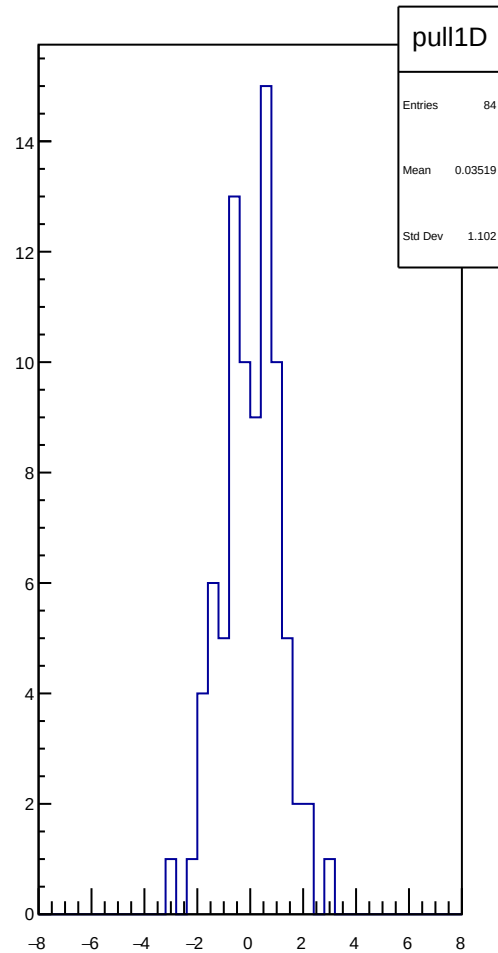
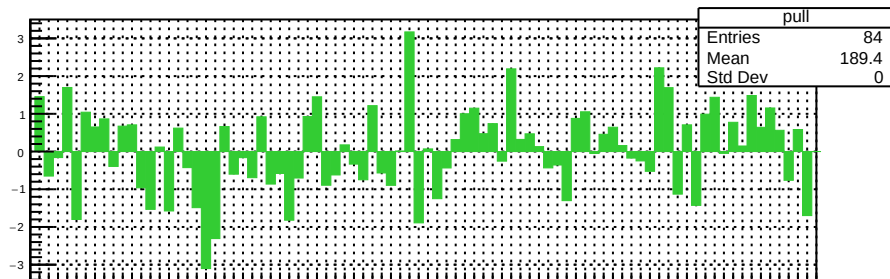
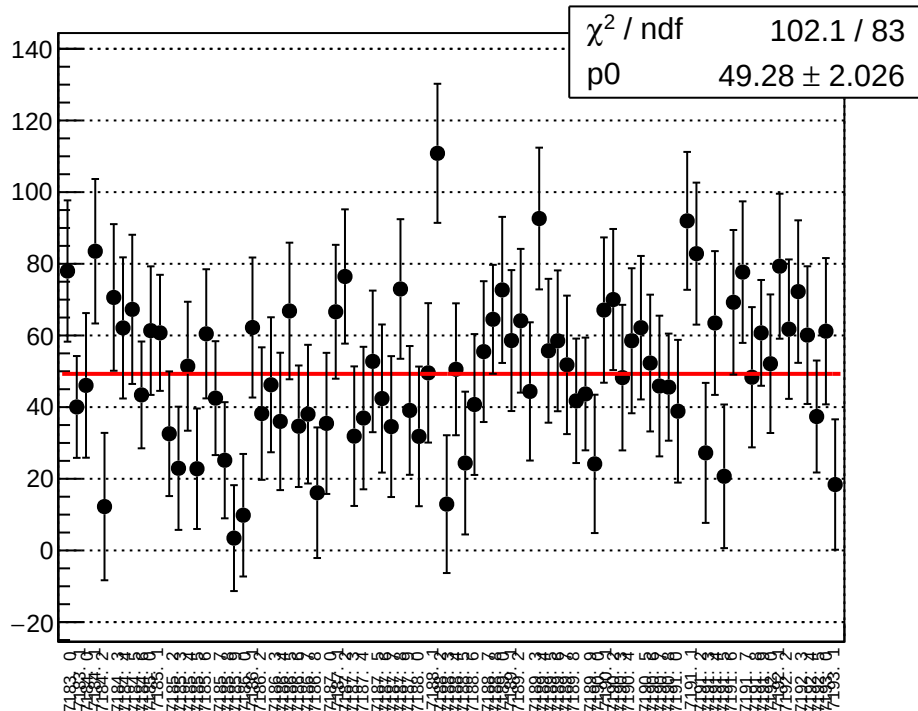
reg_asym_at2_dd_diff_bpm1X_slope vs run



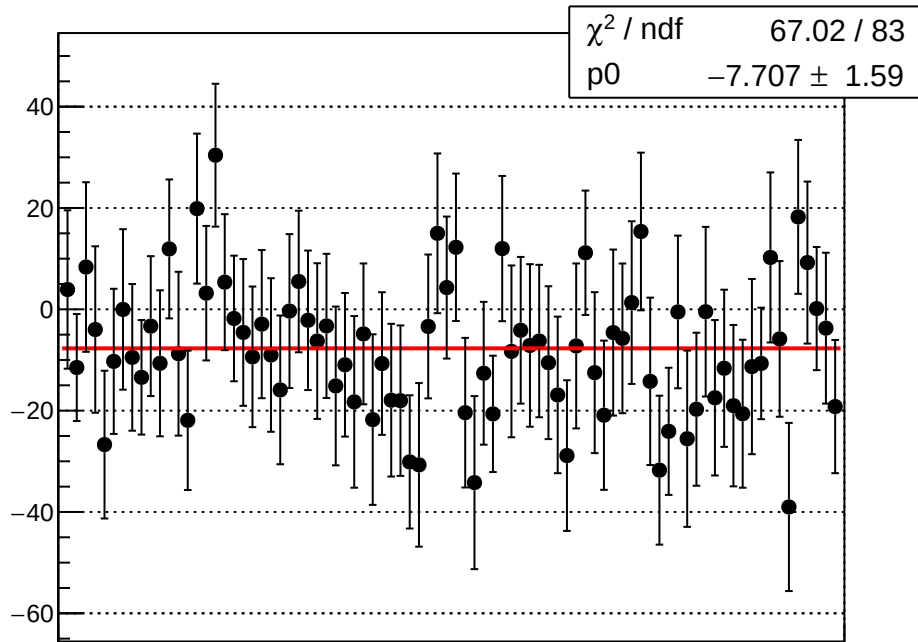
reg_asym_at2_dd_diff_bpm4aY_slope vs run



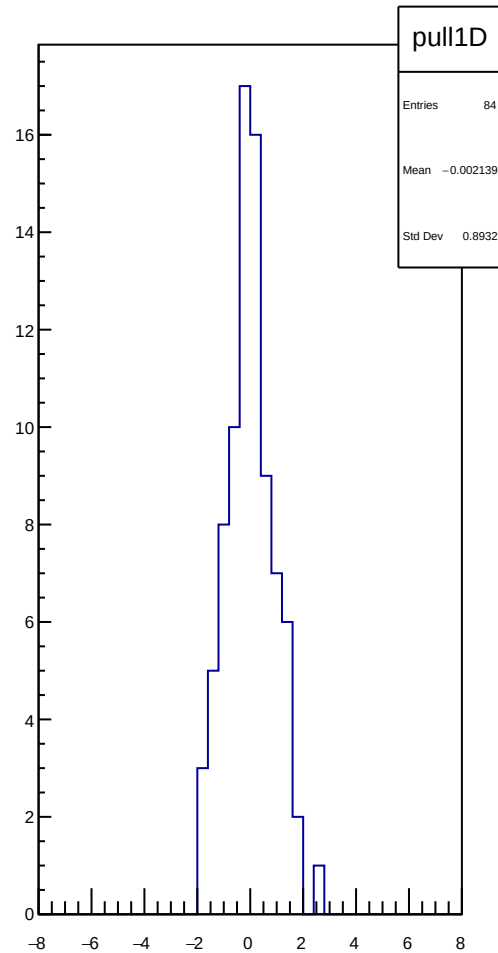
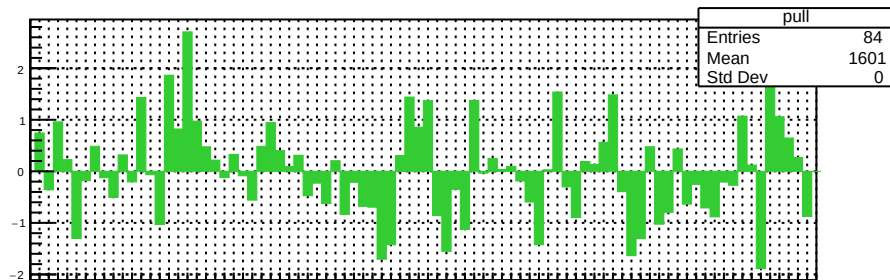
reg_asym_at2_dd_diff_bpm4eX_slope vs run



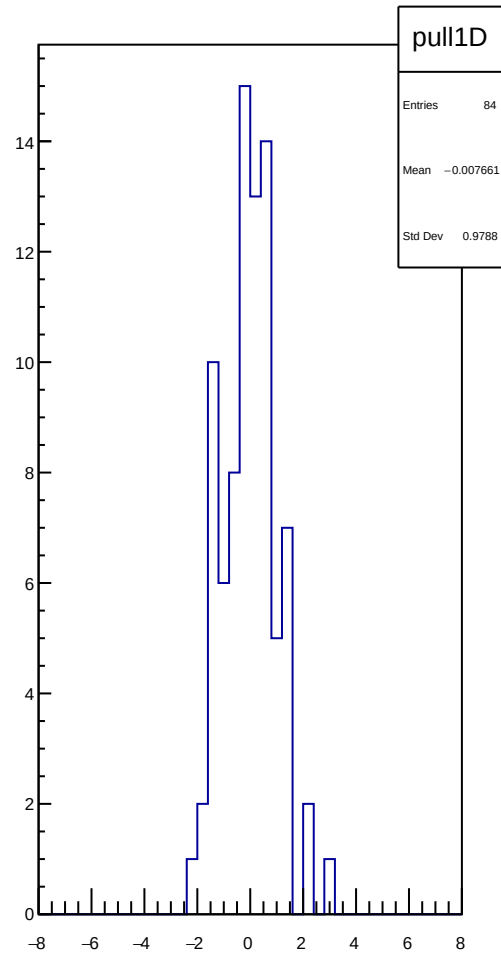
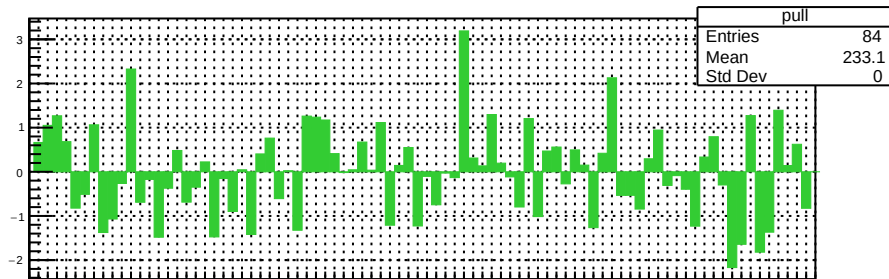
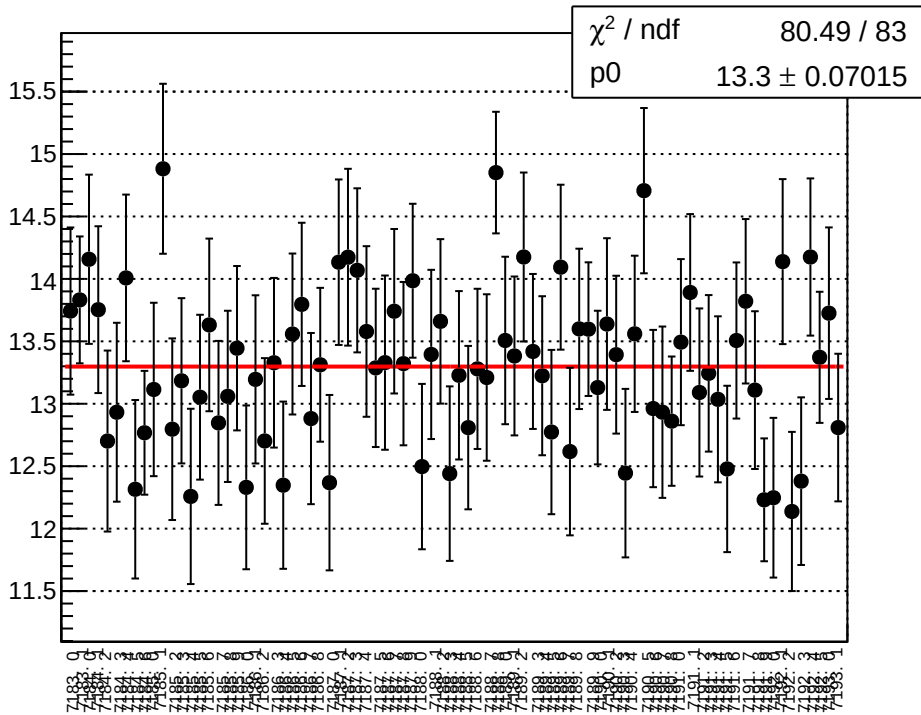
reg_asym_at2_dd_diff_bpm4eY_slope vs run



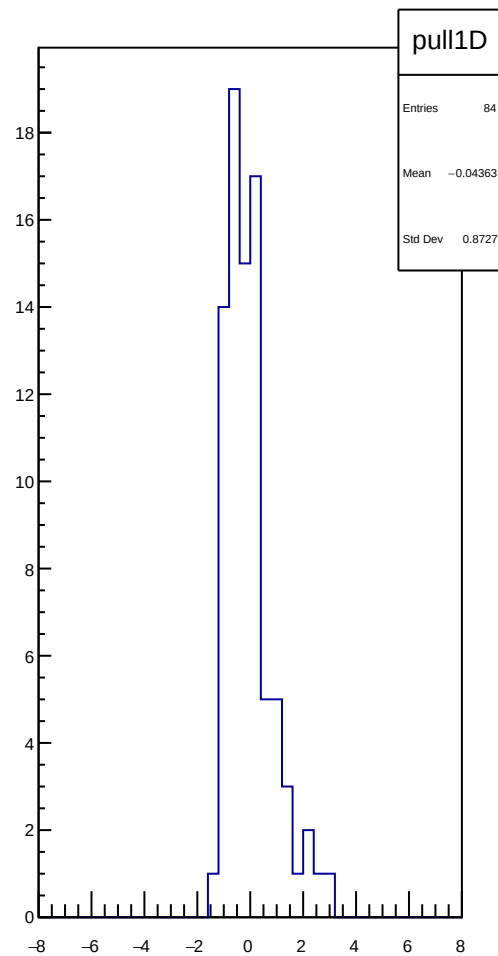
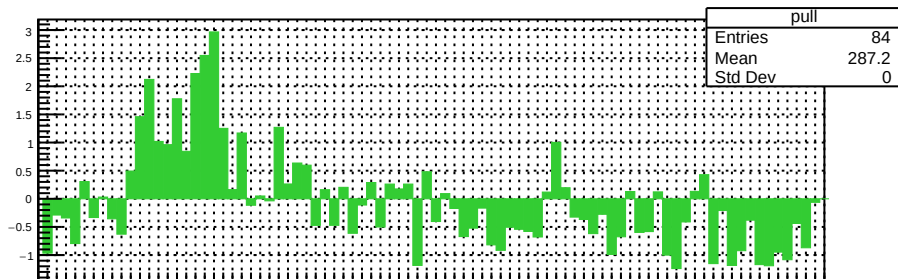
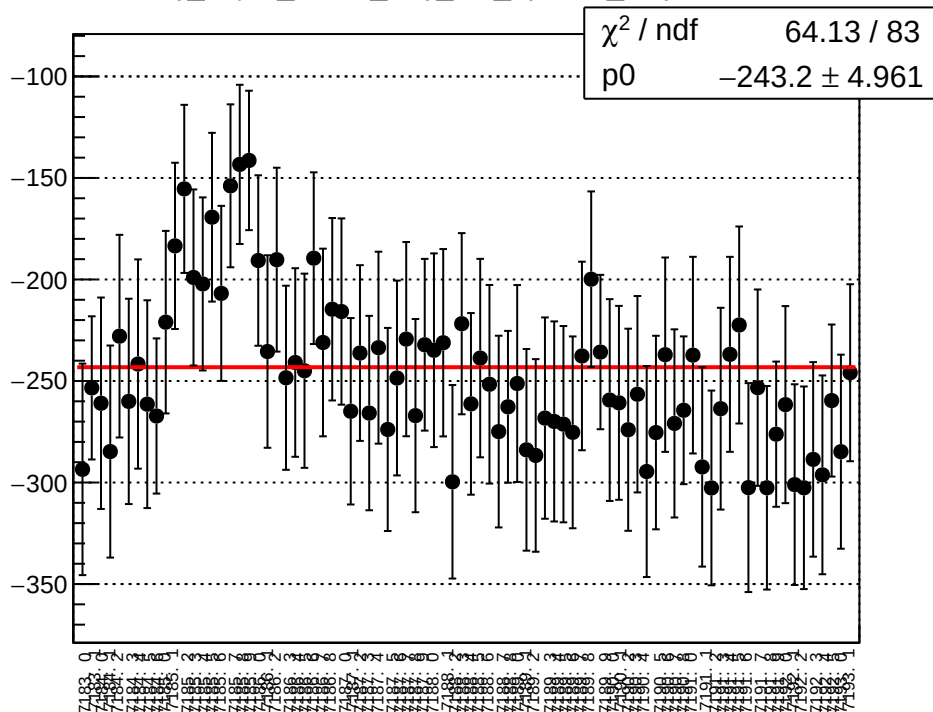
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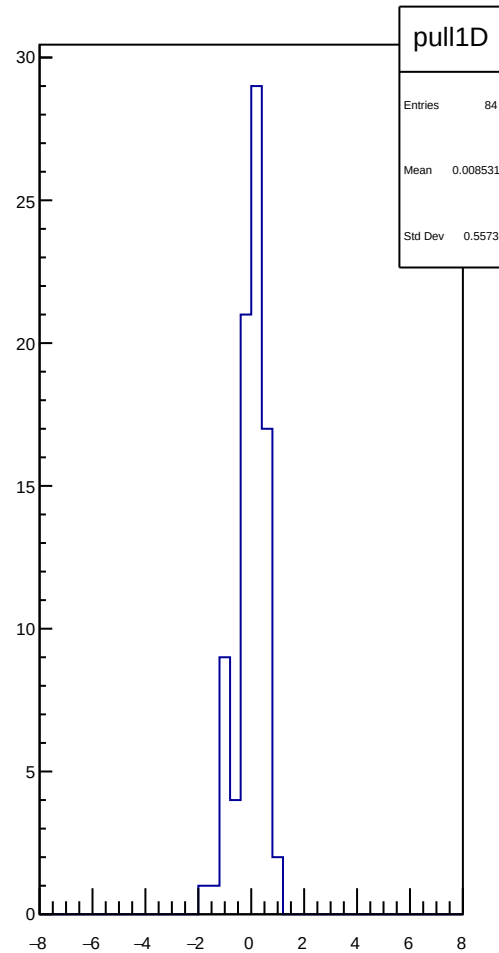
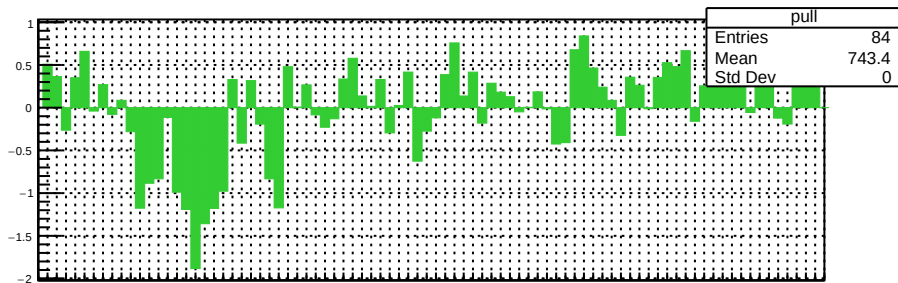
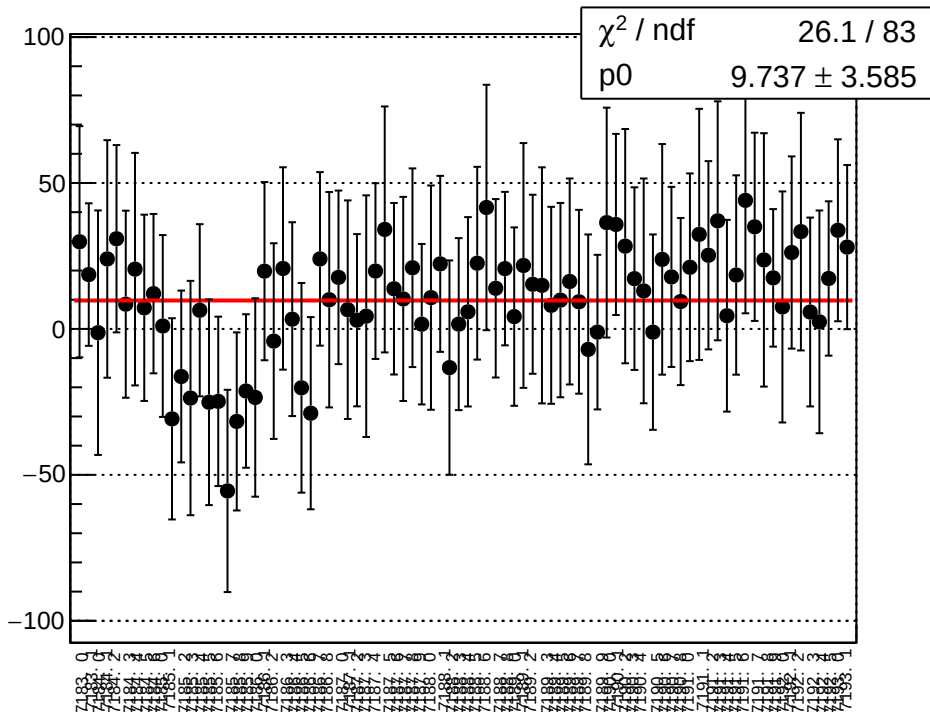
reg_asym_at2_dd_diff_bpm12X_slope vs run



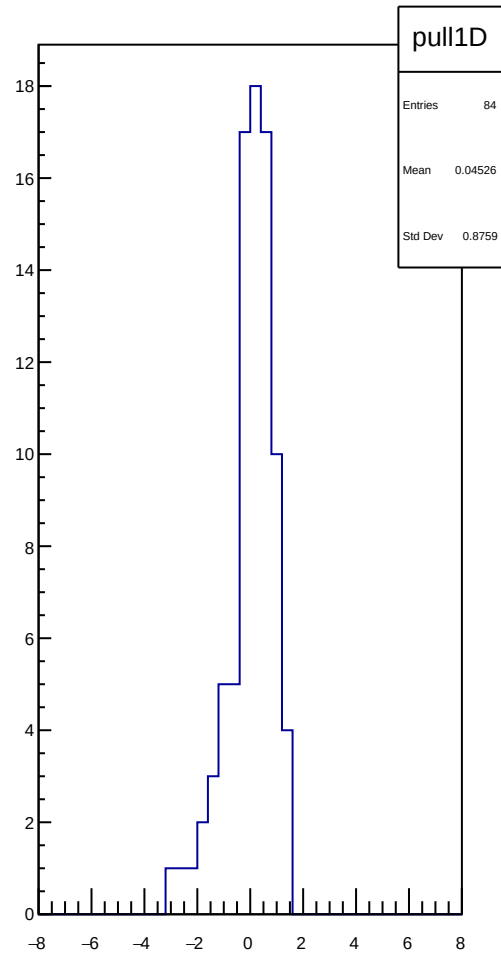
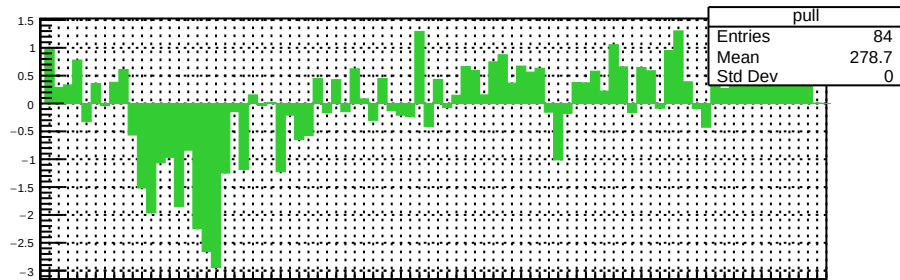
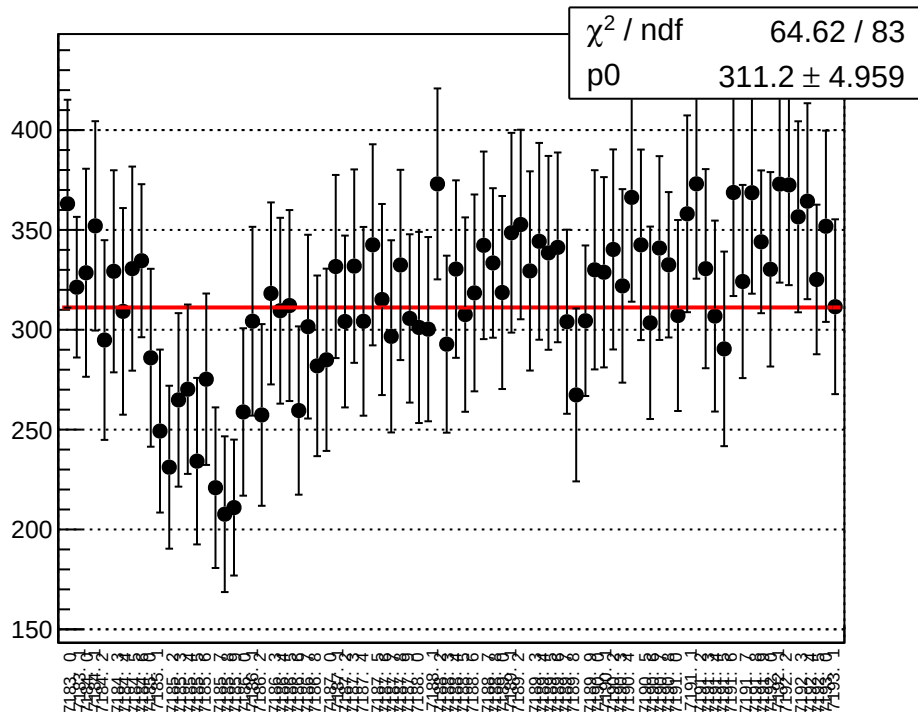
reg_asym_atl1r2_avg_diff_bpm1X_slope vs run



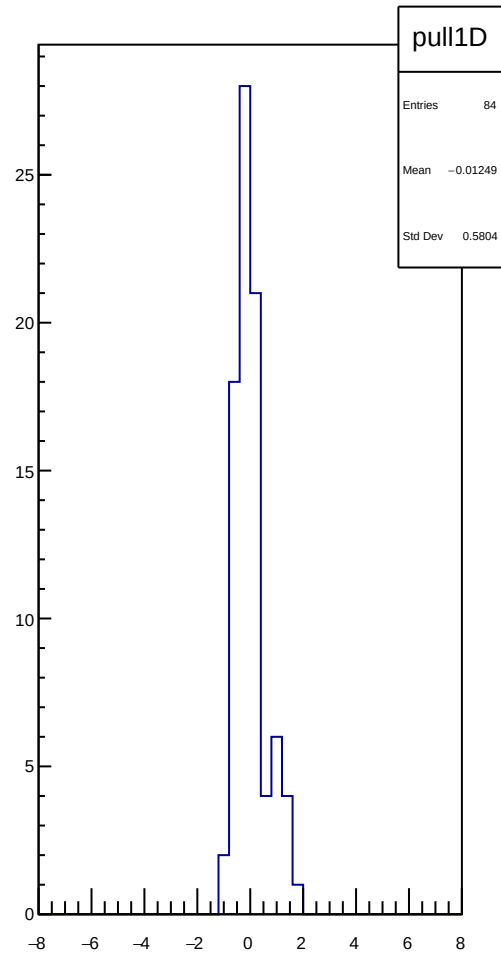
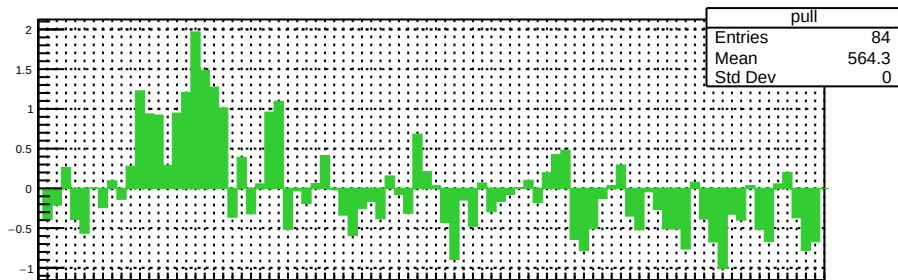
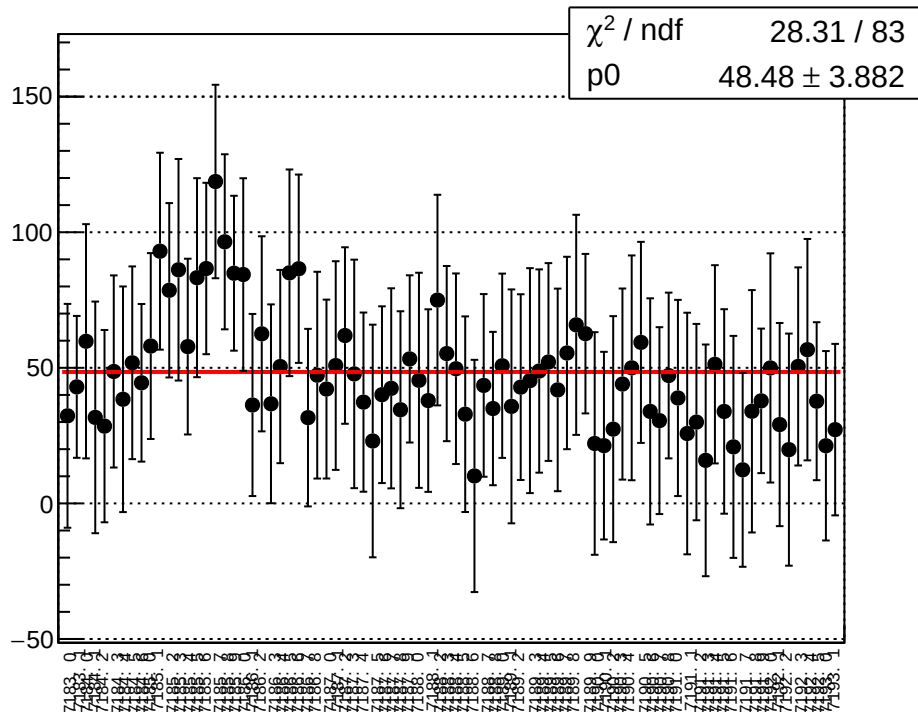
reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run



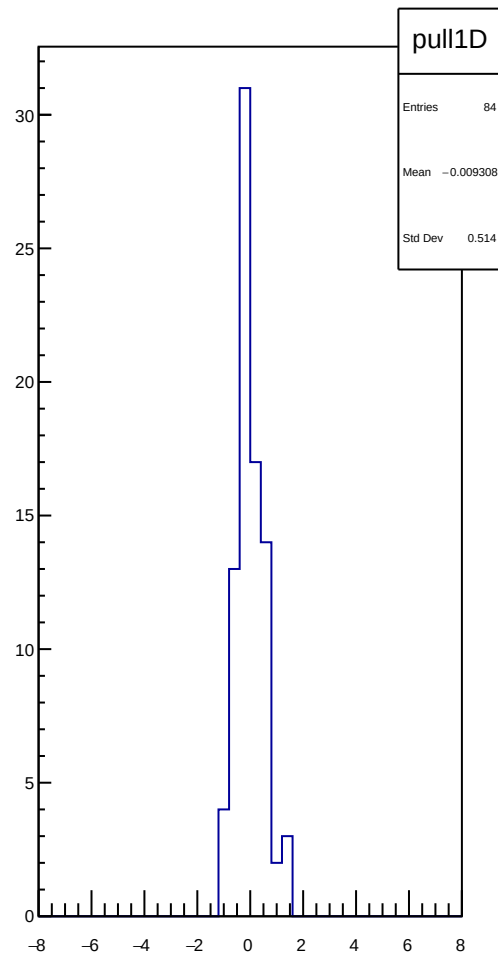
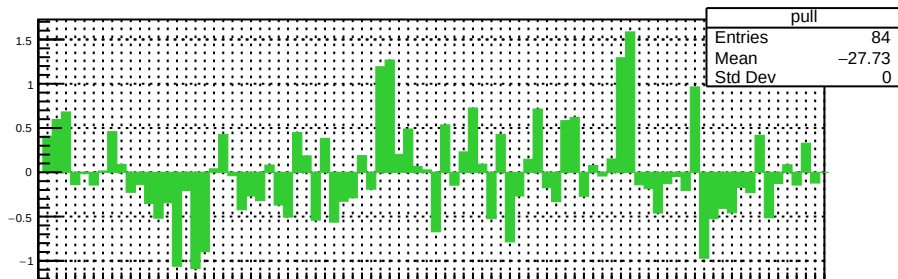
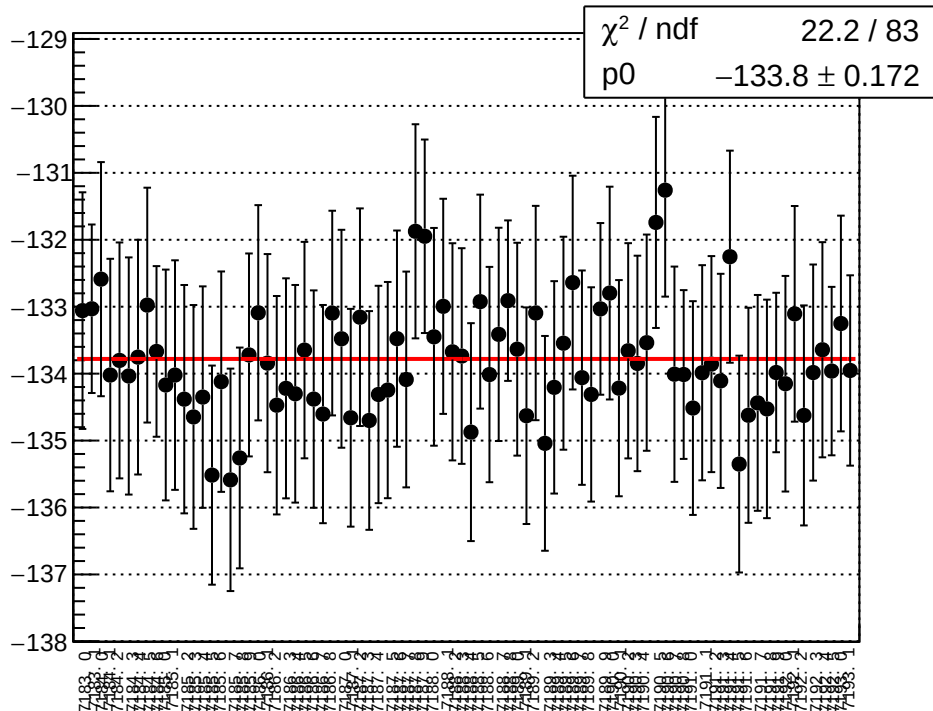
reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run



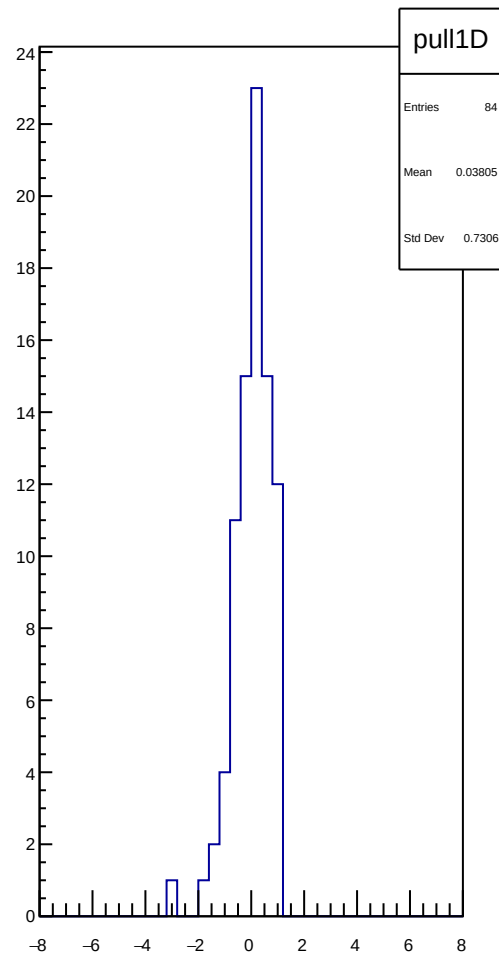
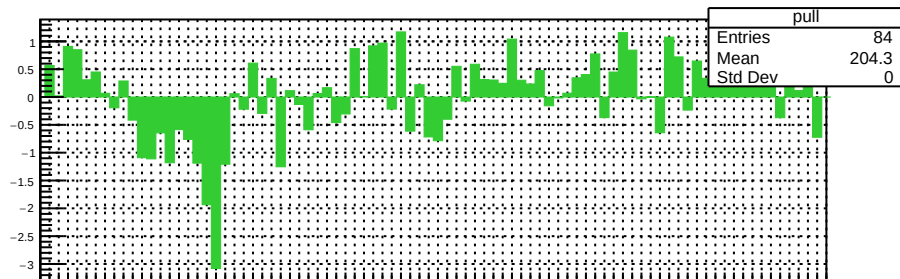
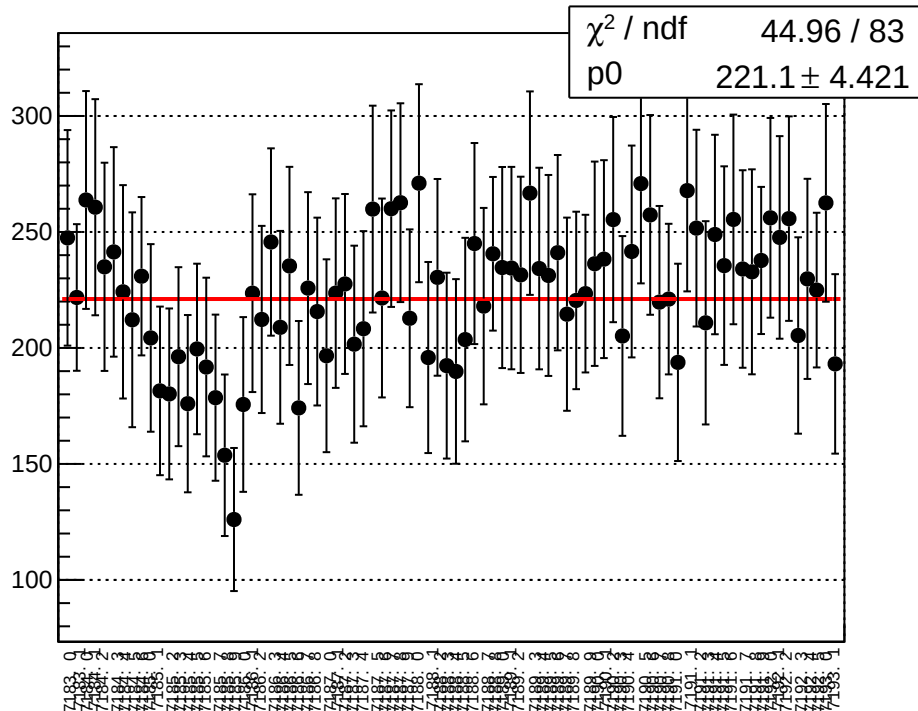
reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run



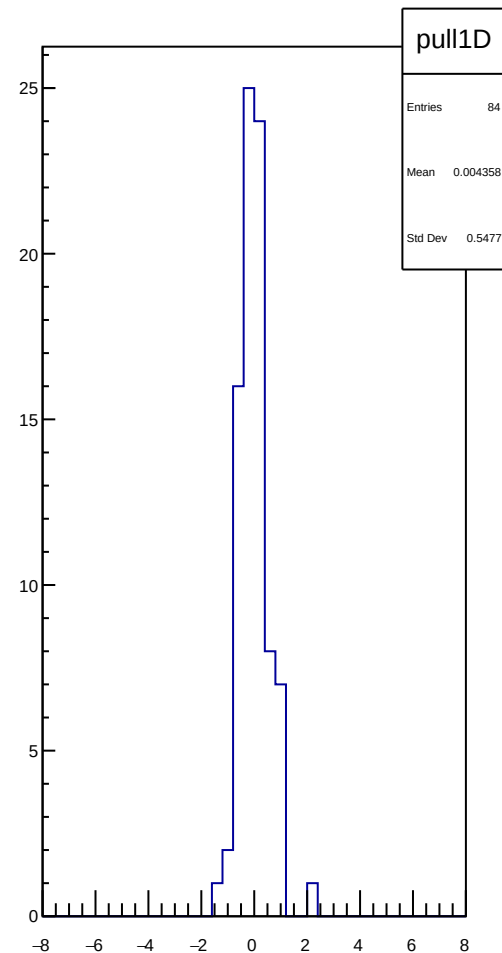
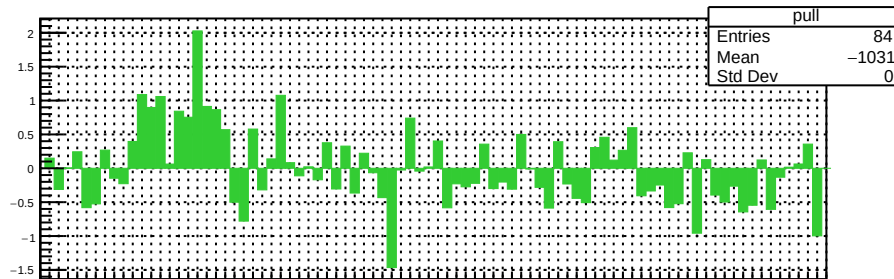
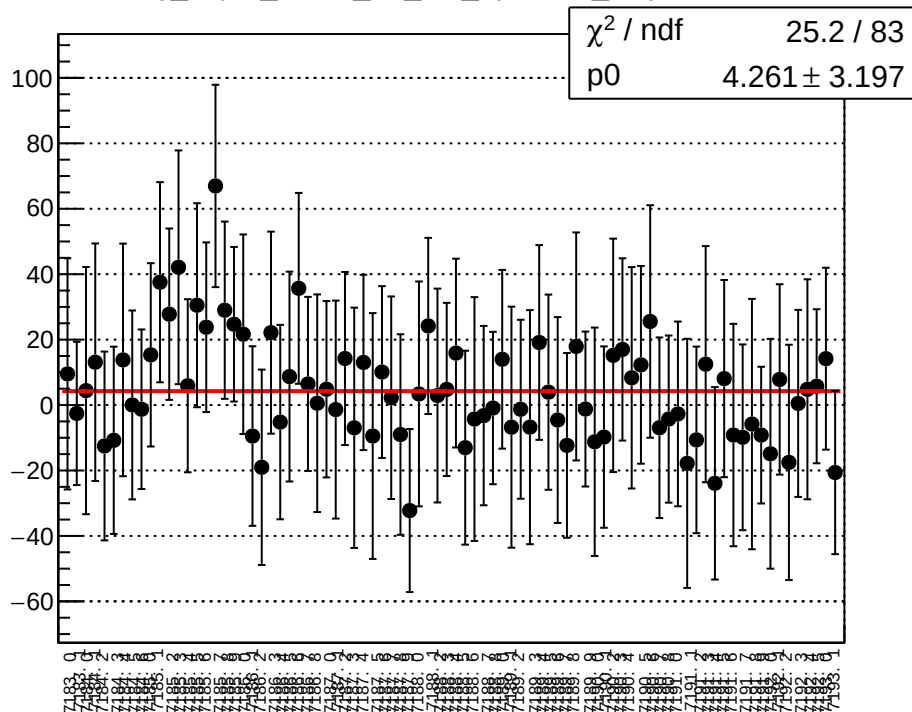
reg_asym_atl1r2_avg_diff_bpm12X_slope vs run



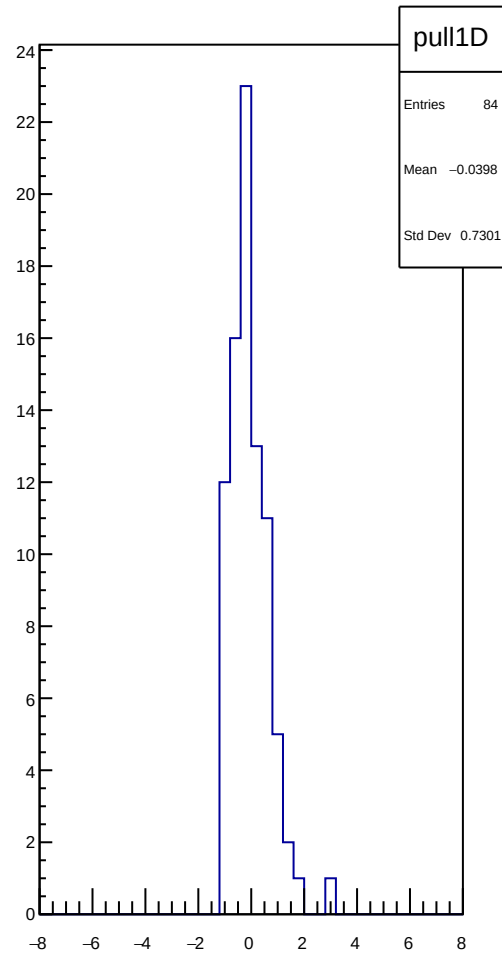
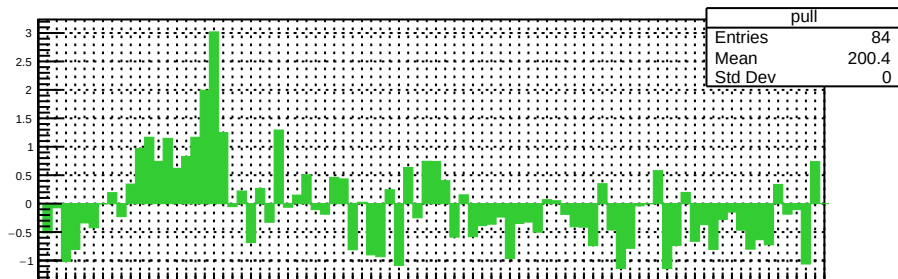
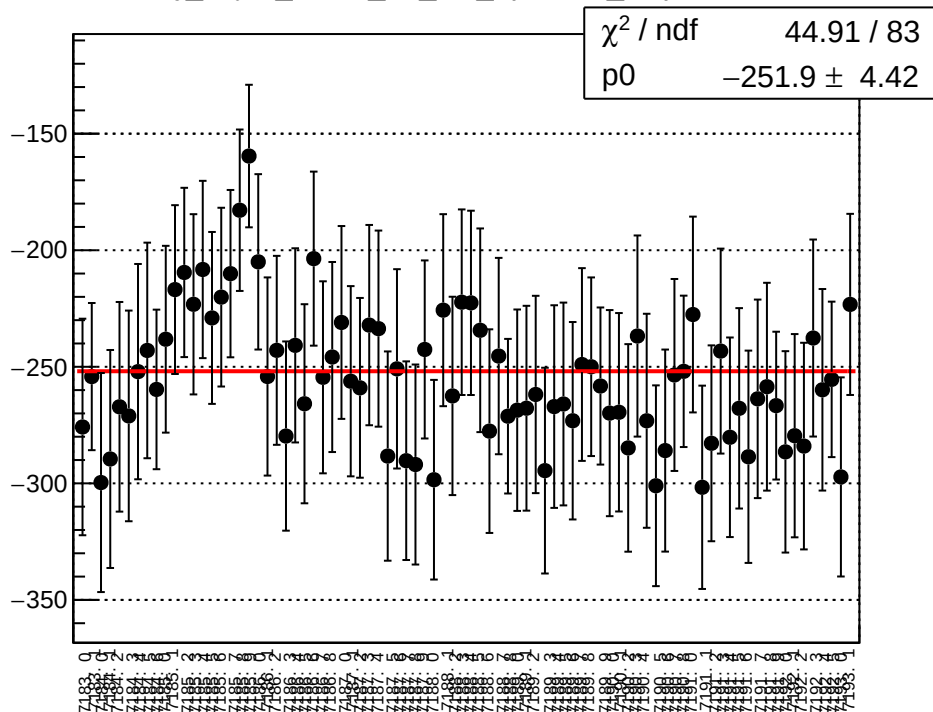
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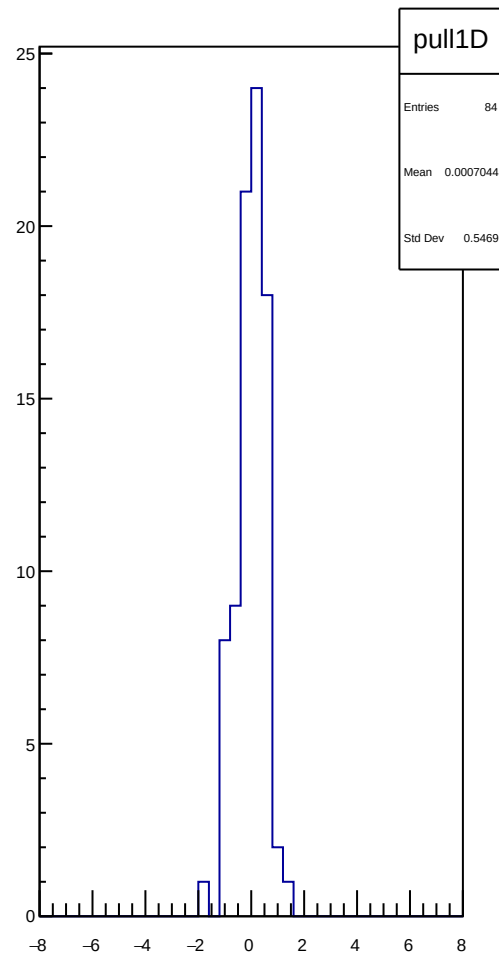
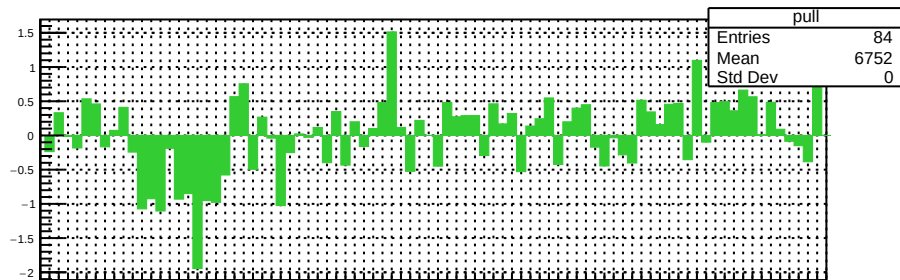
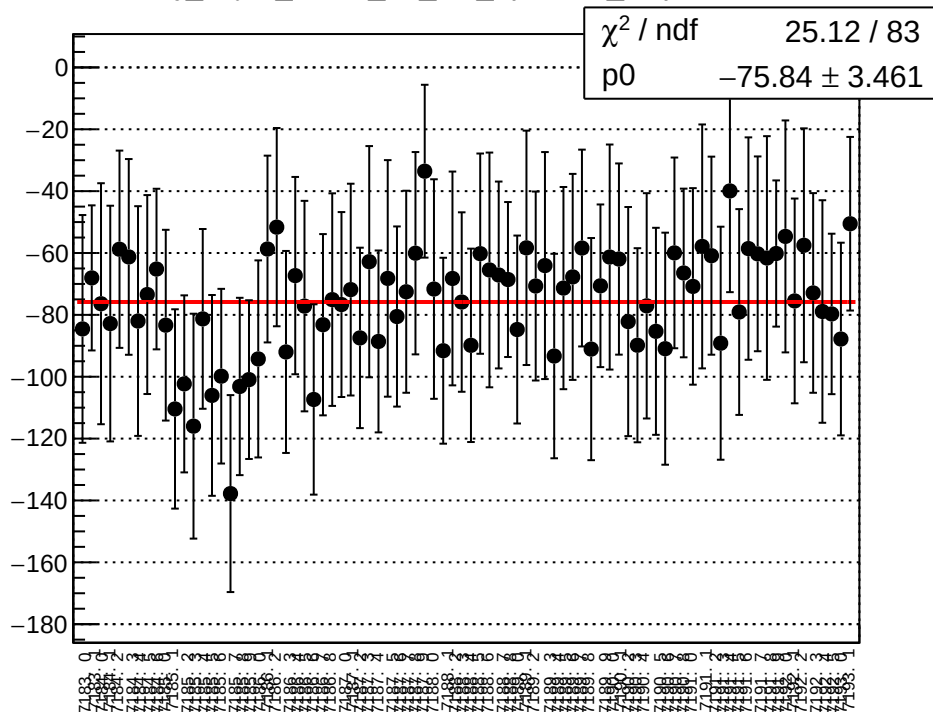
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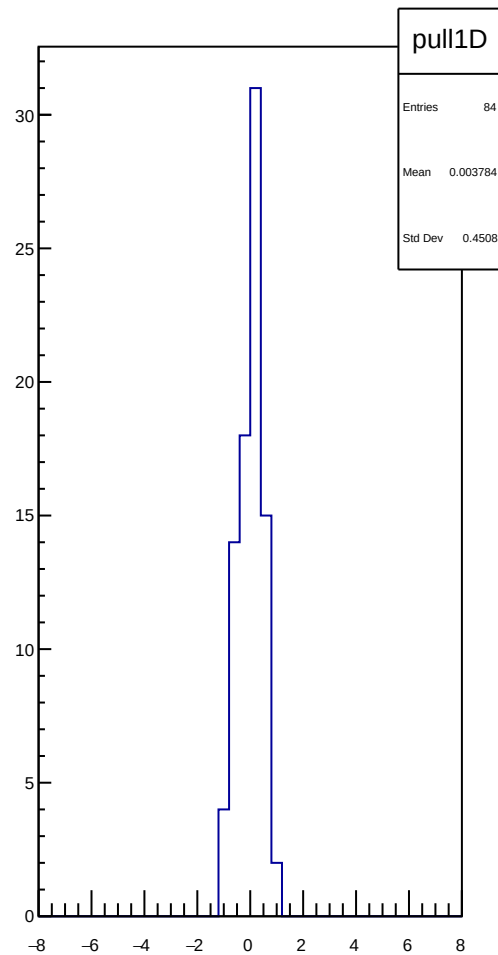
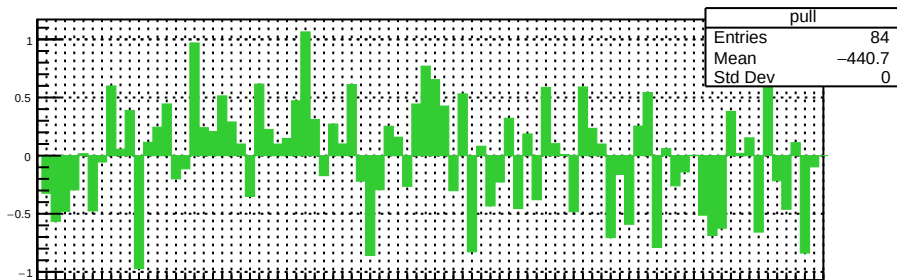
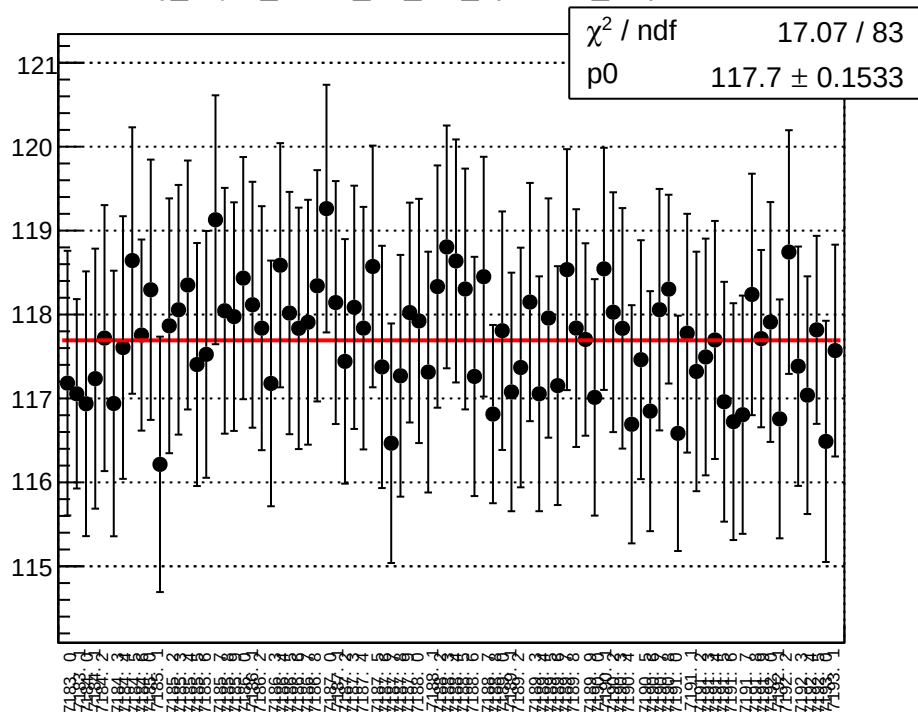
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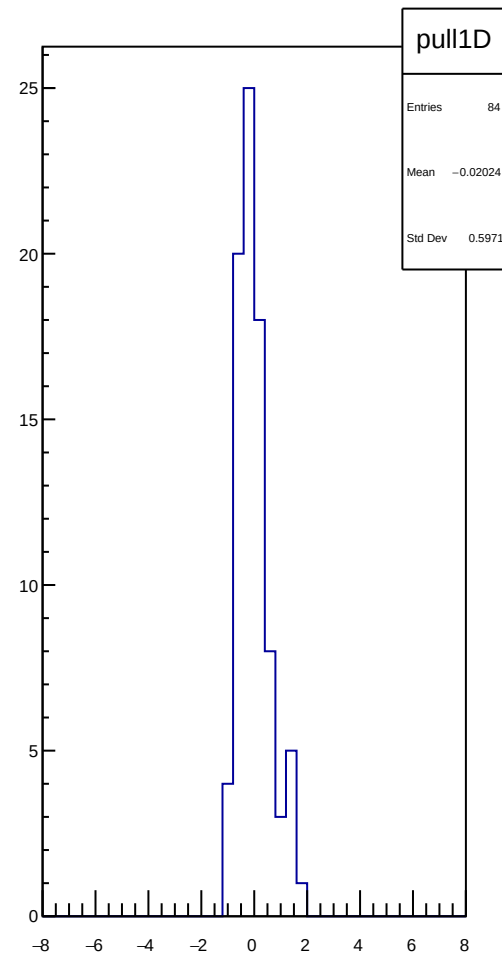
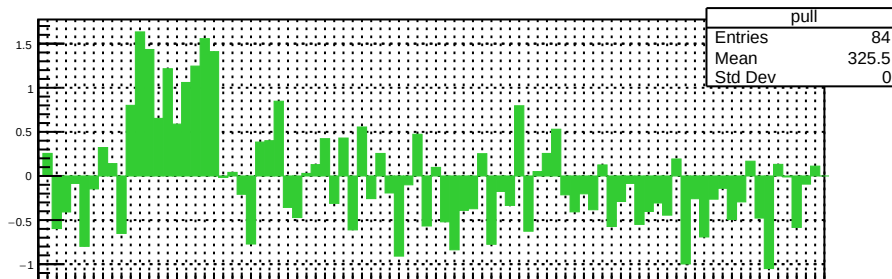
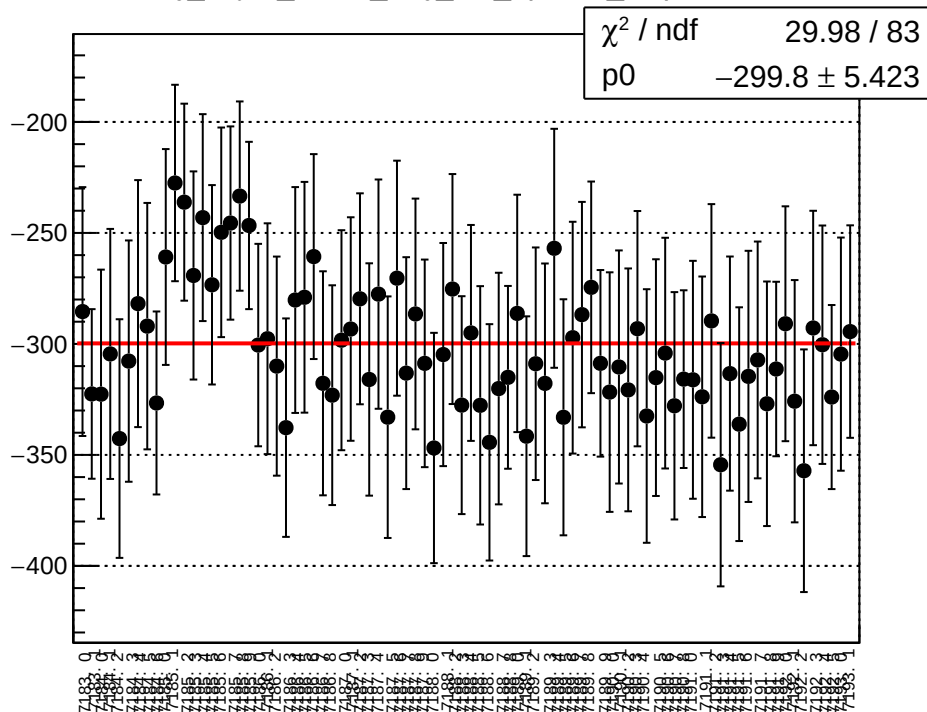
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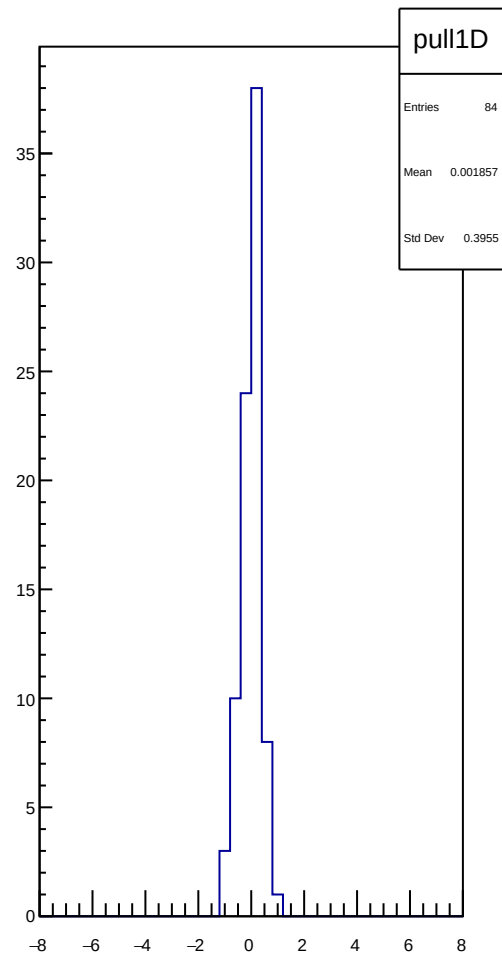
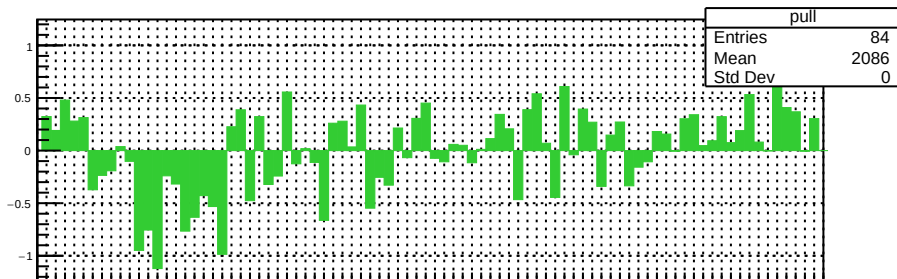
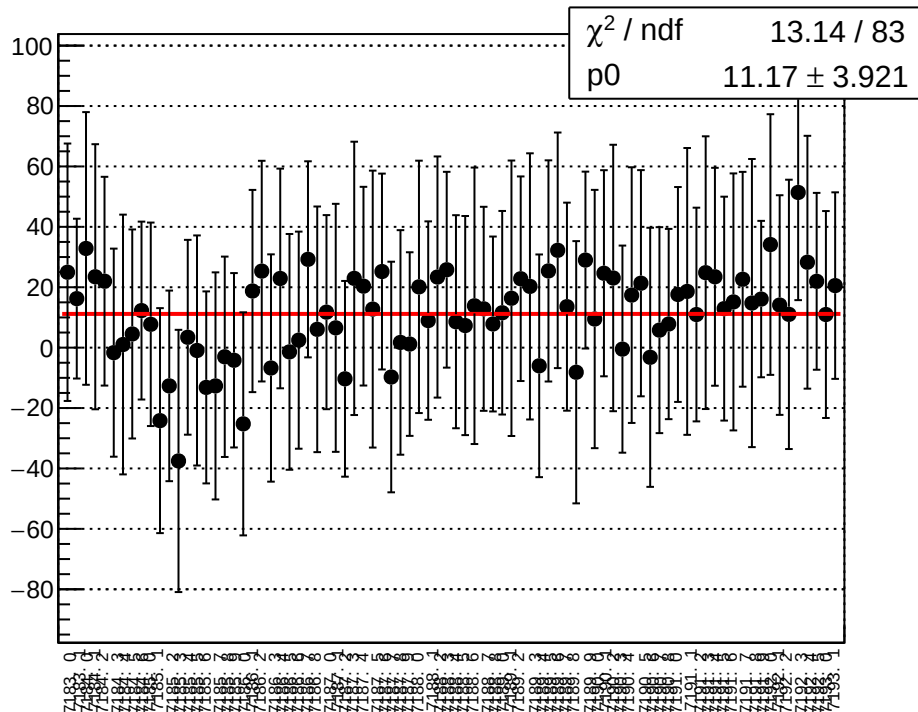
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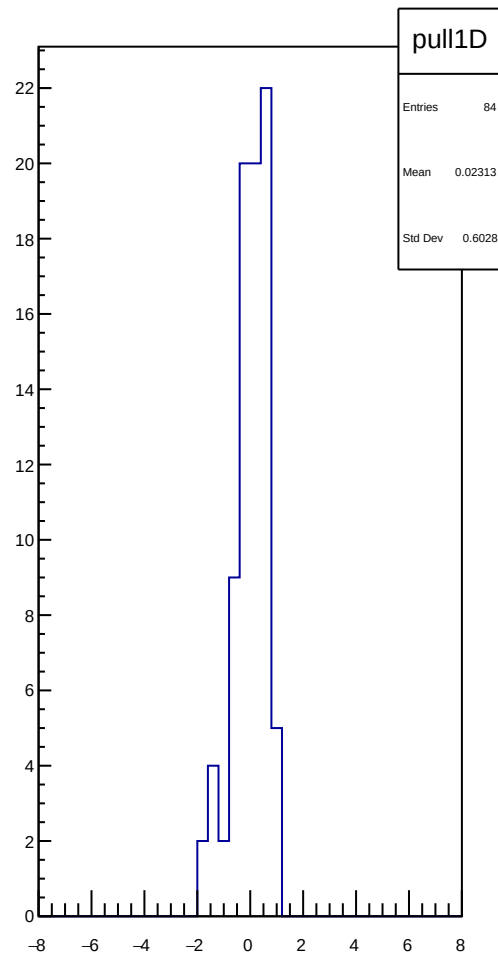
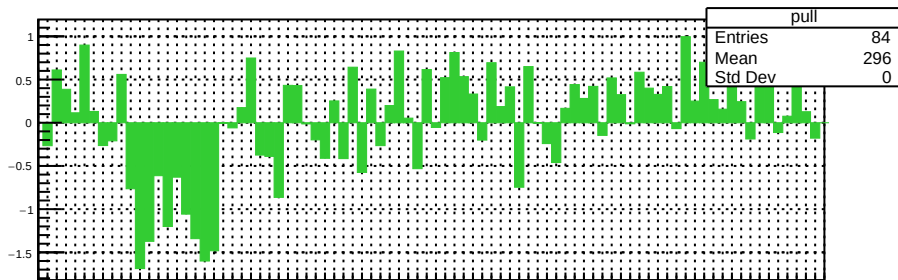
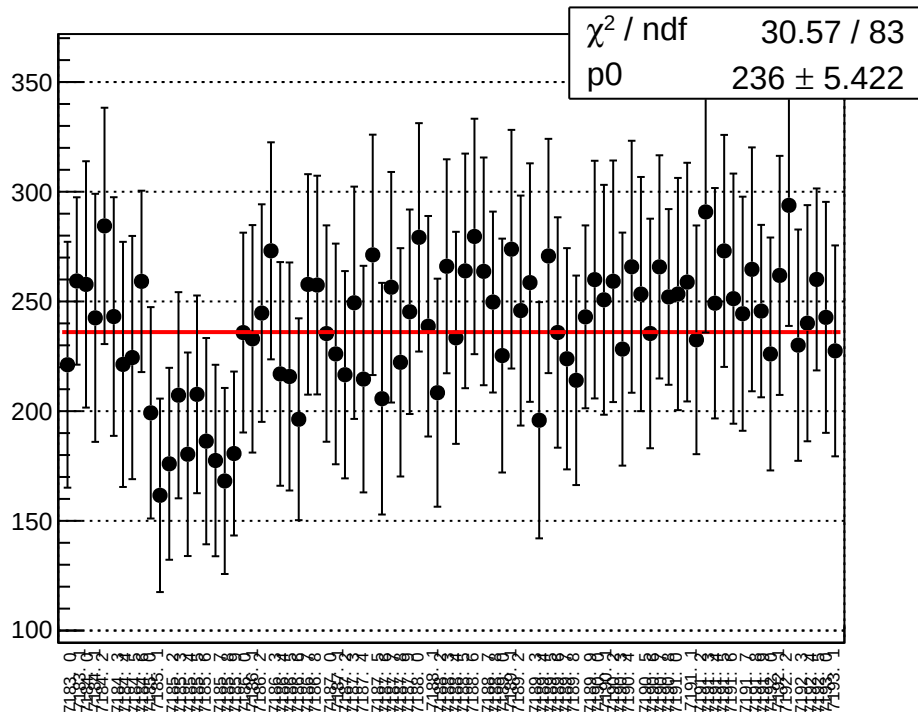
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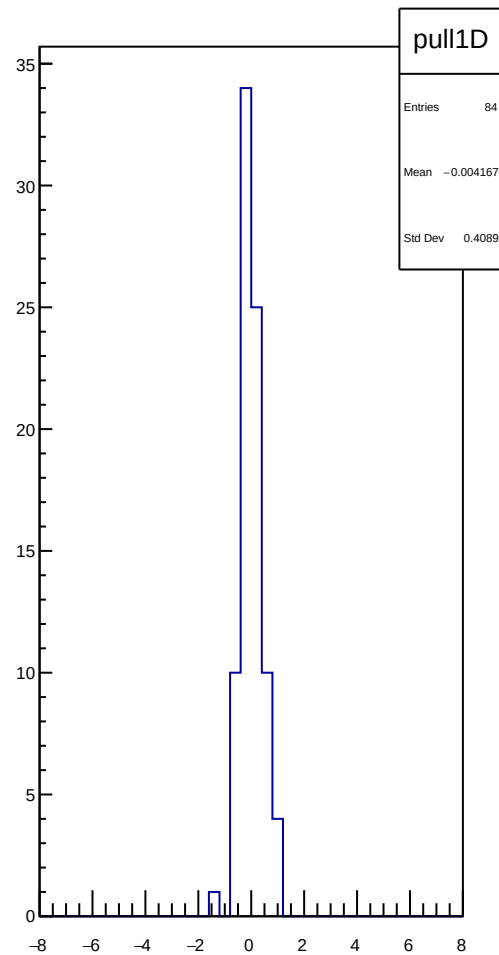
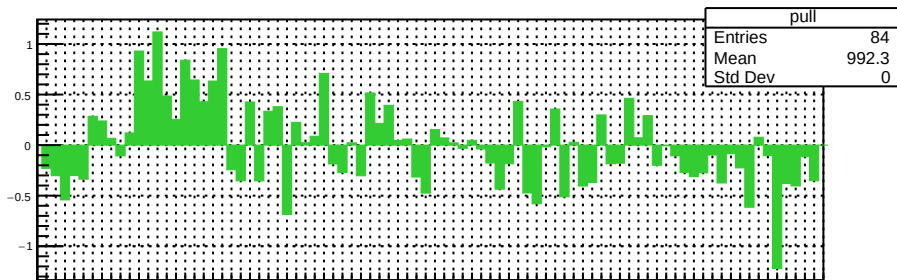
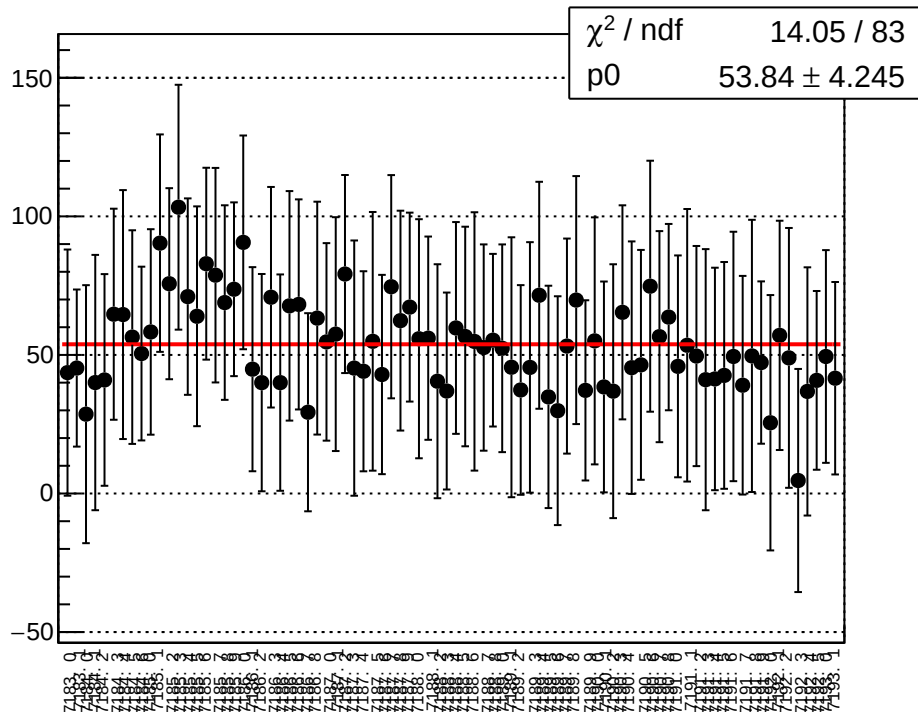
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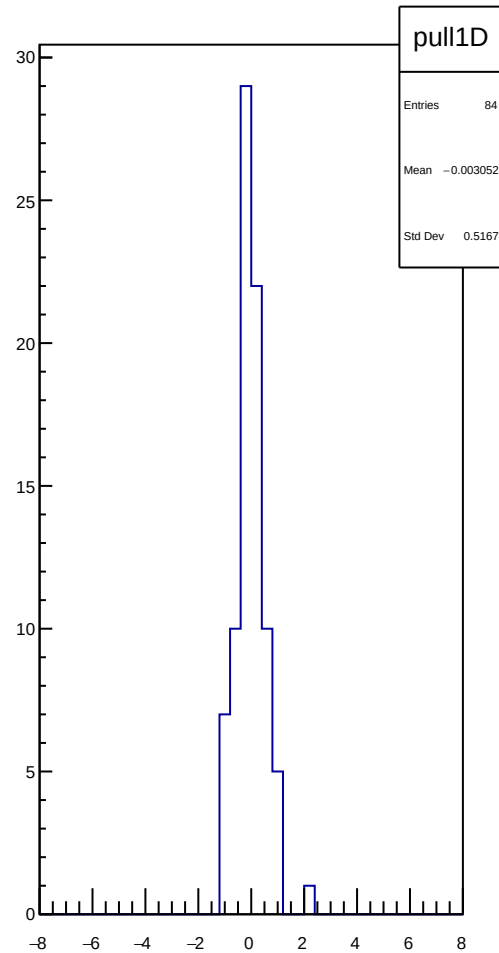
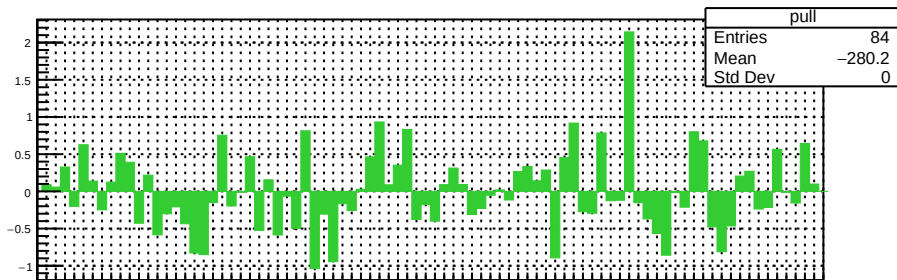
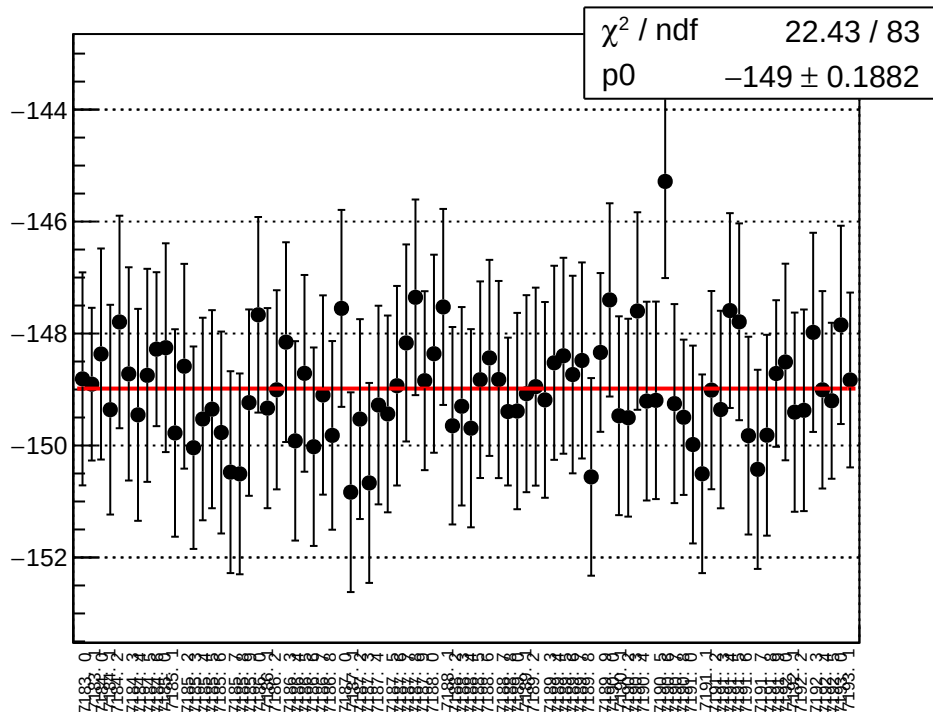
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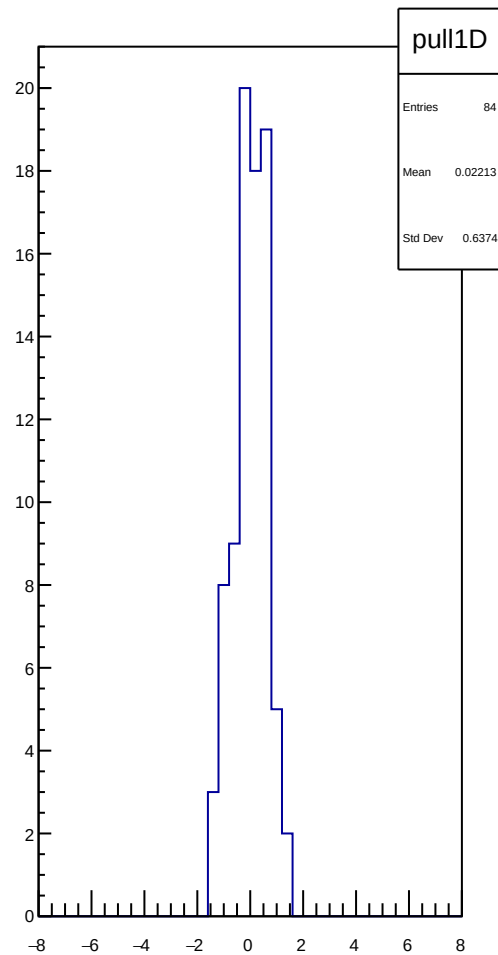
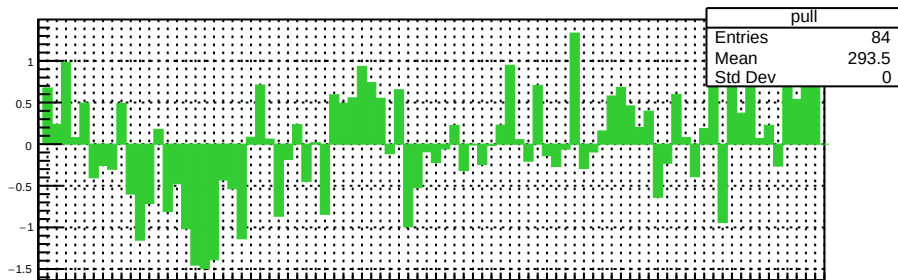
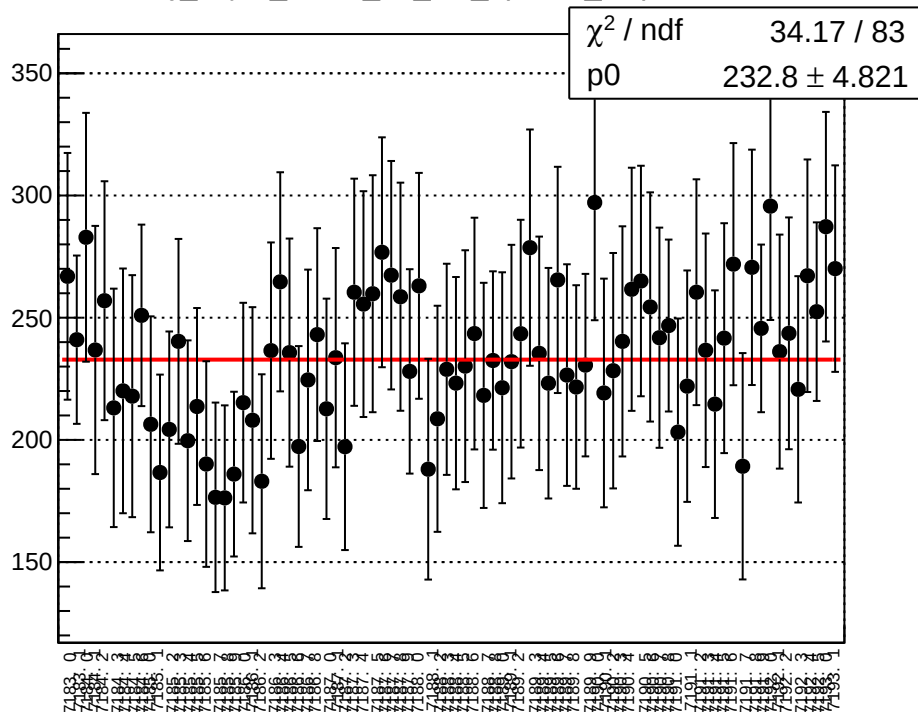
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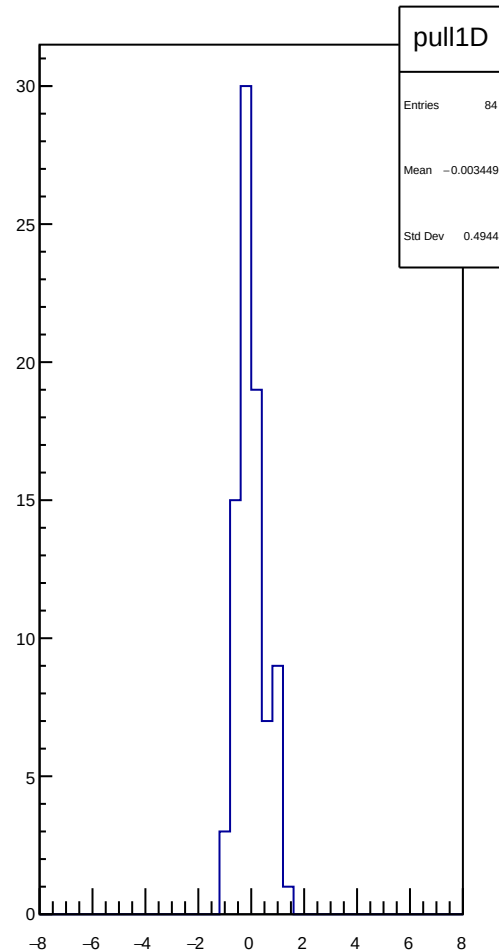
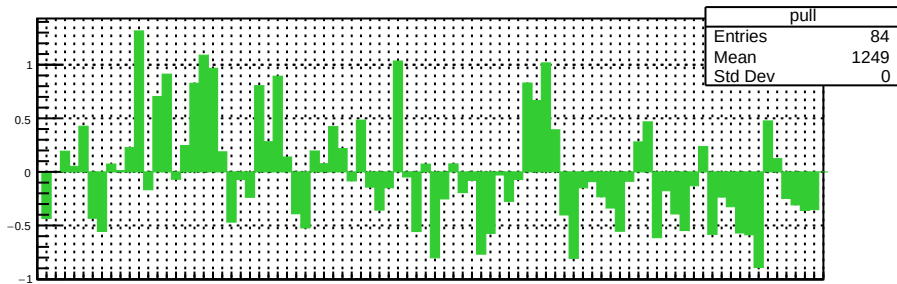
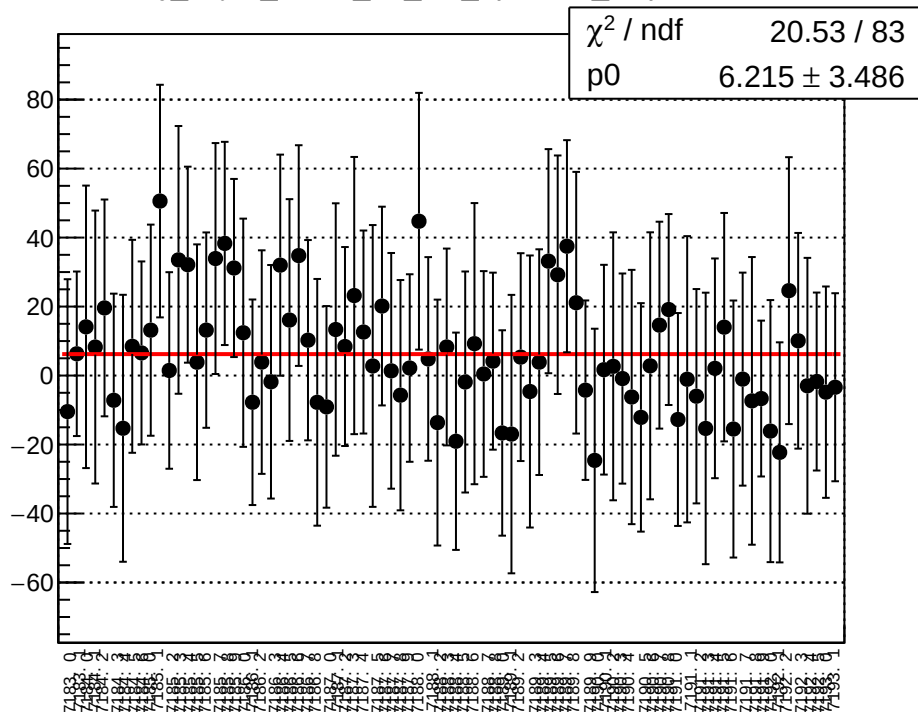
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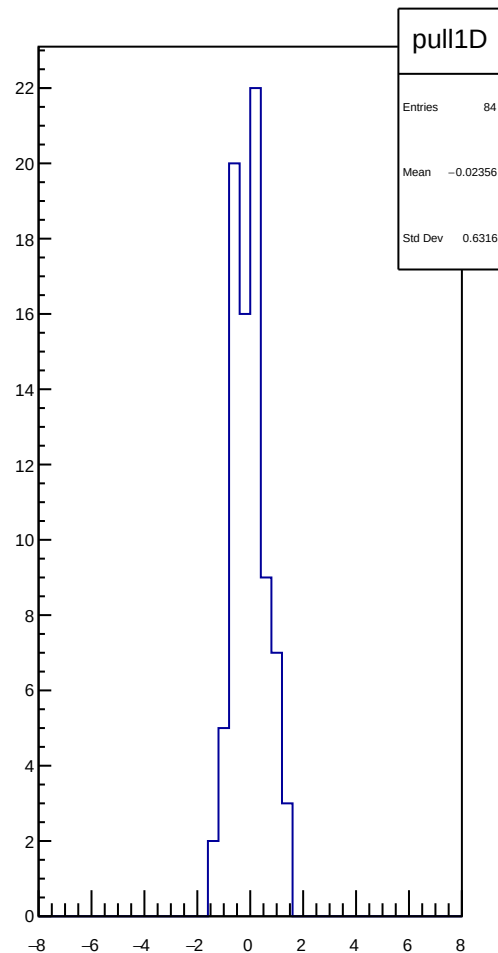
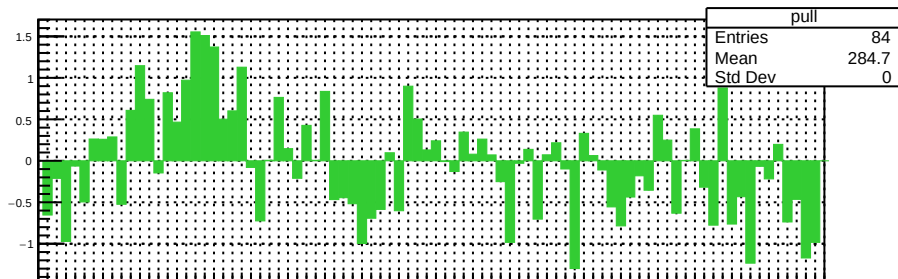
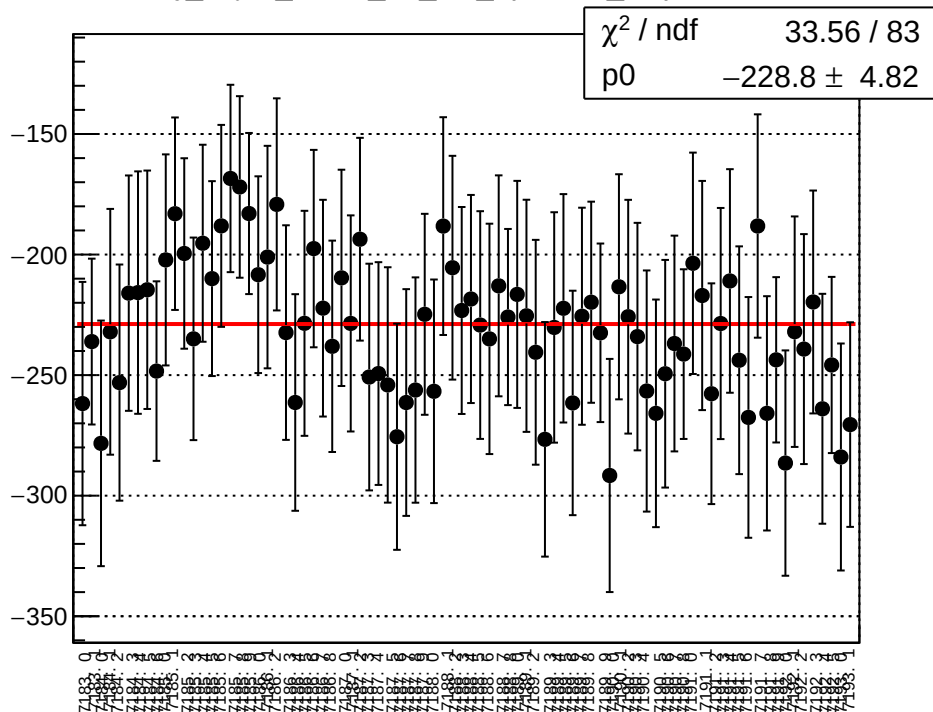
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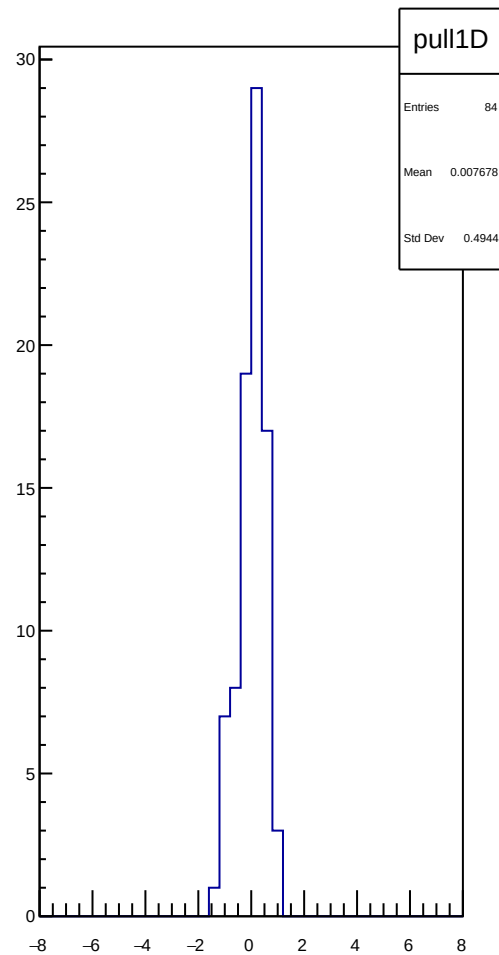
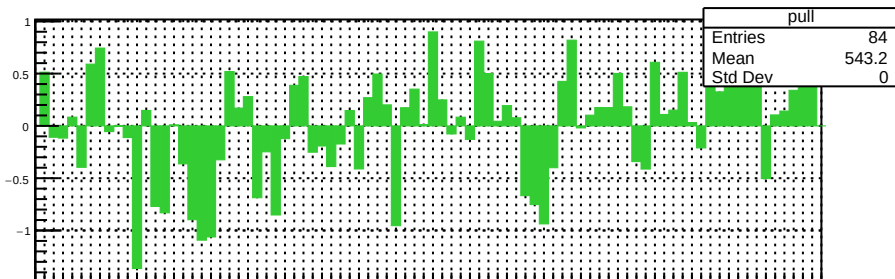
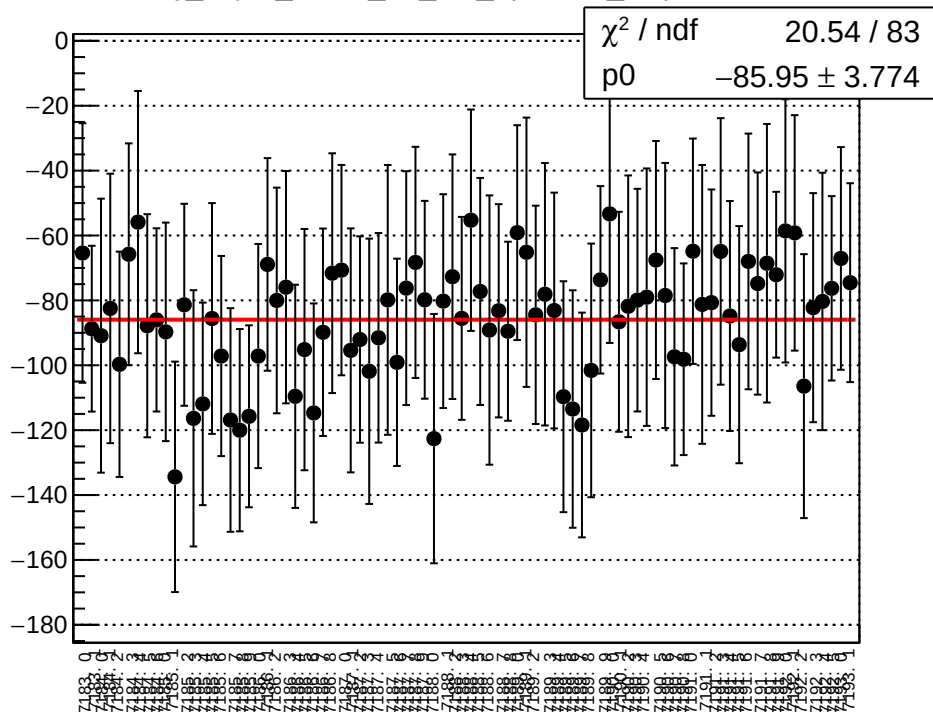
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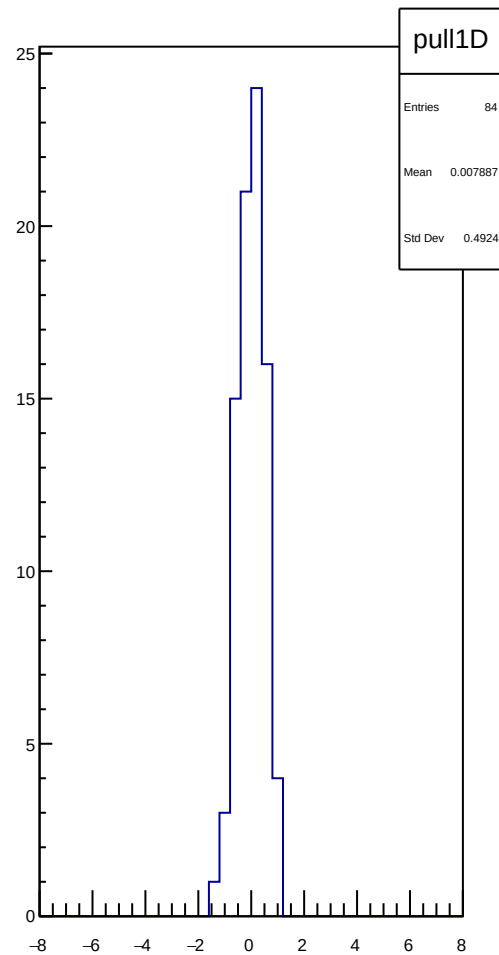
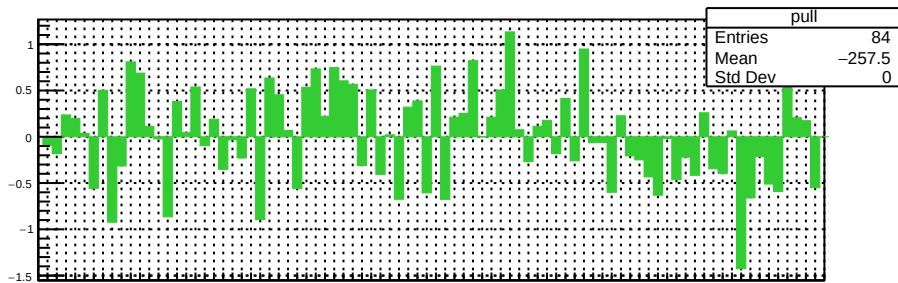
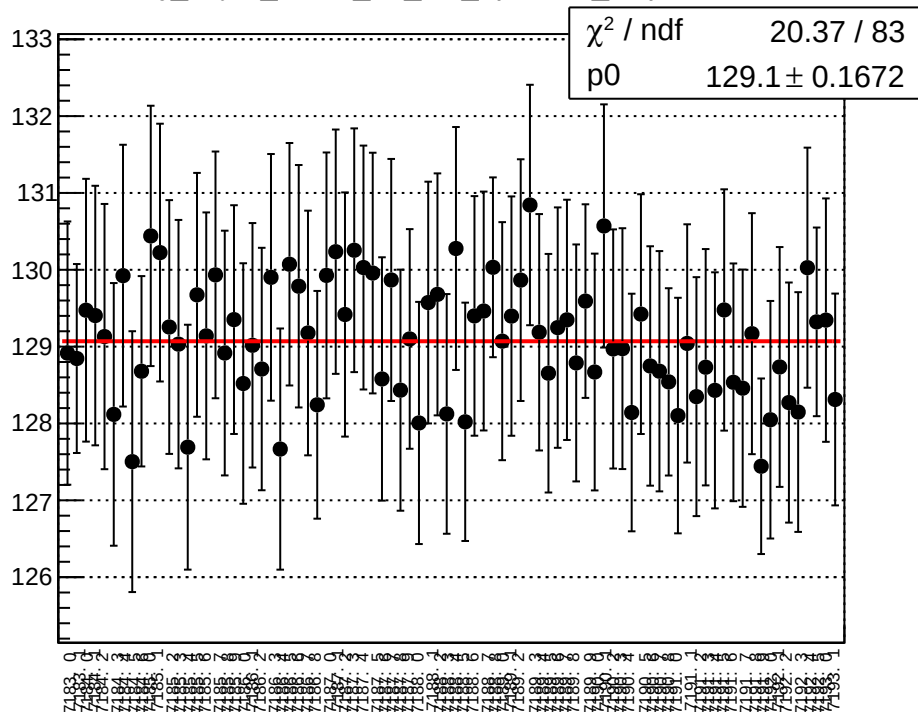
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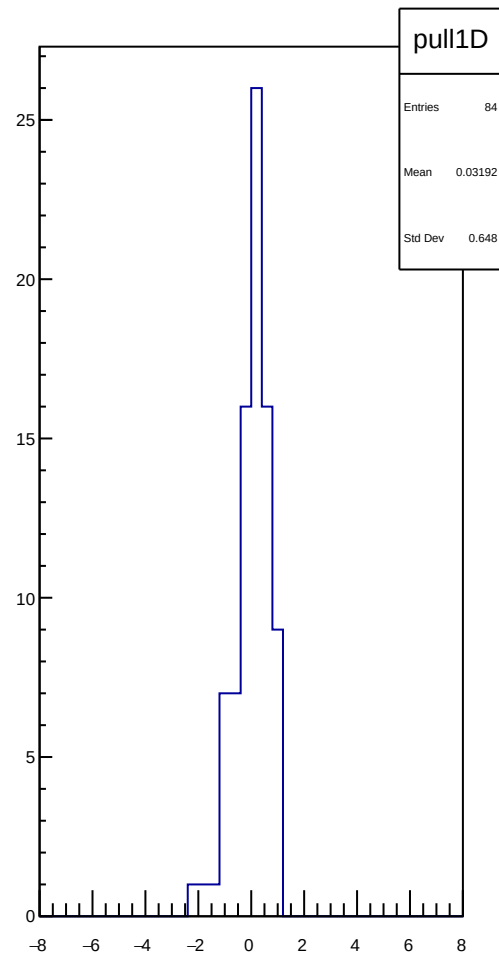
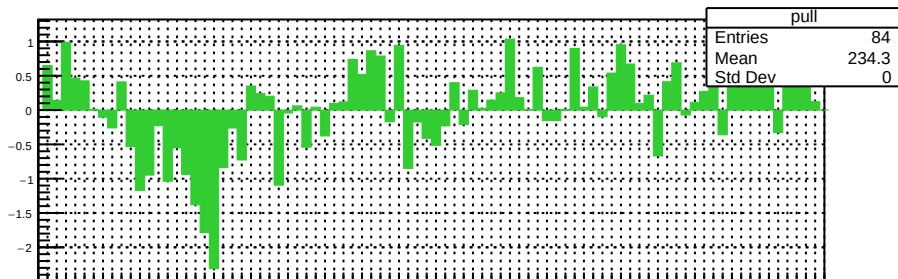
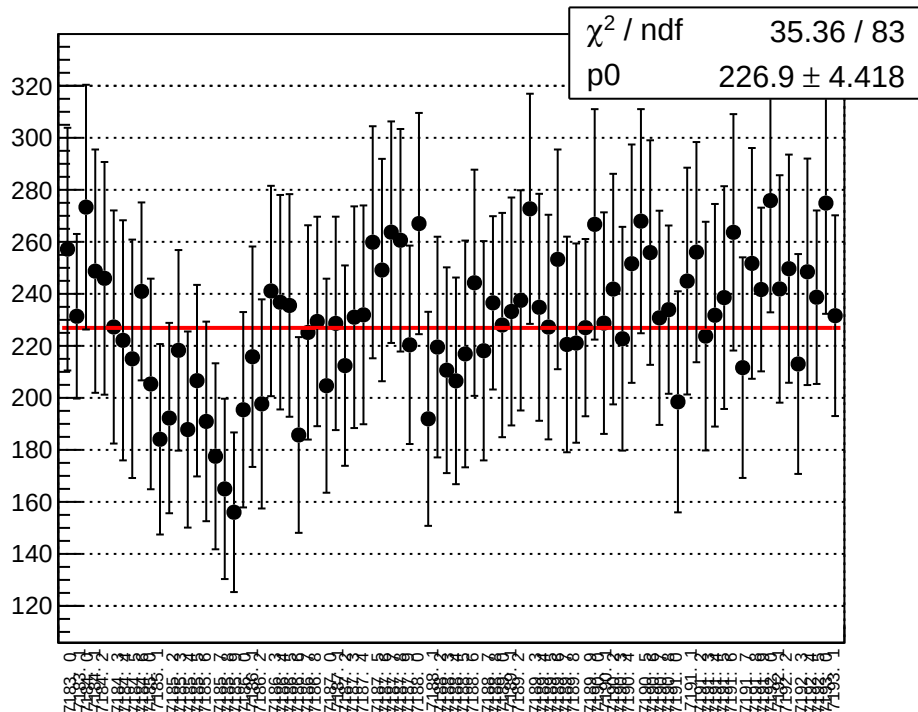
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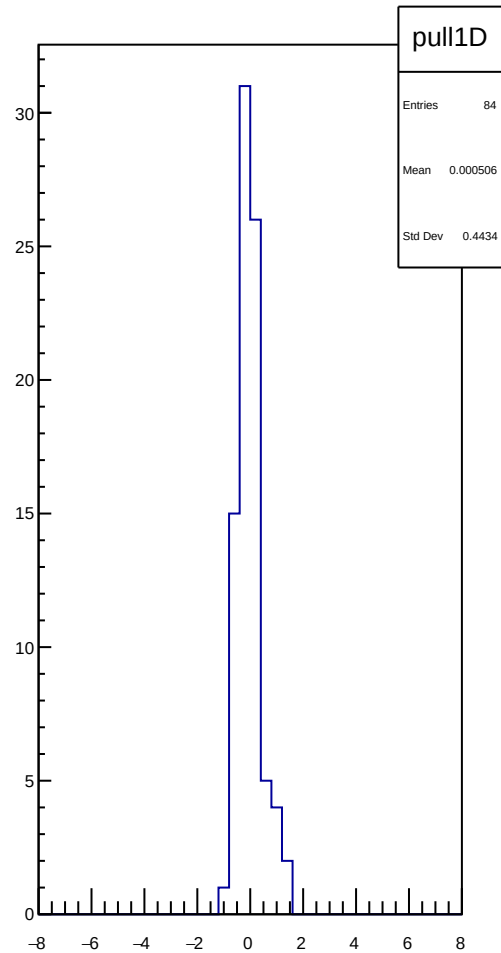
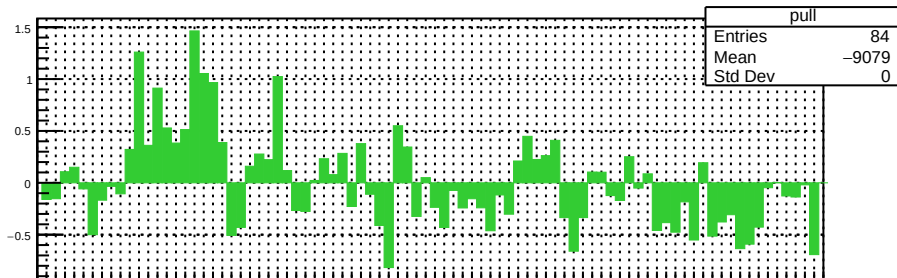
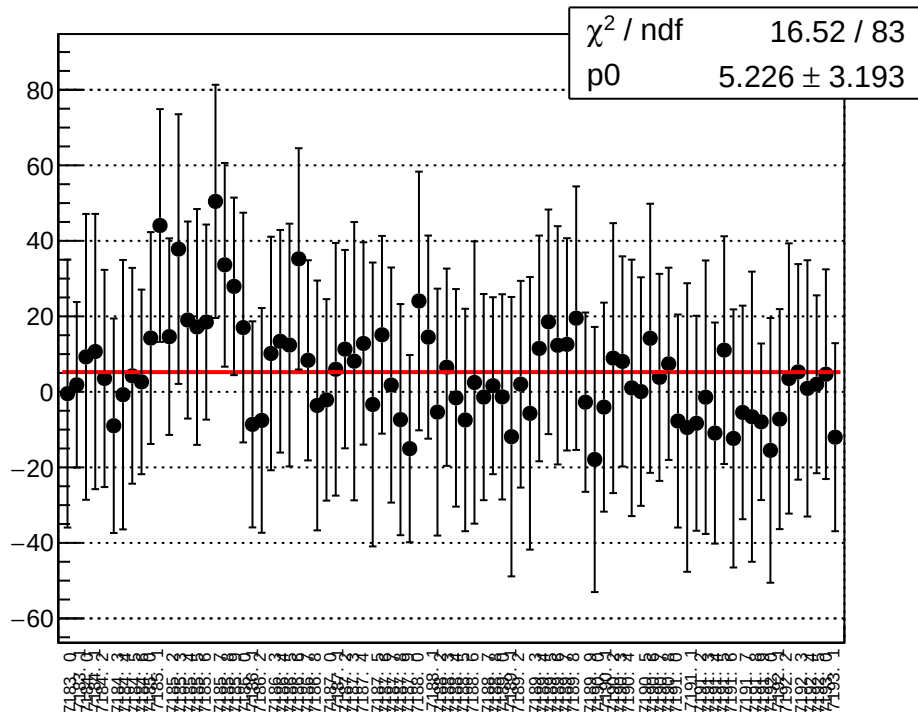
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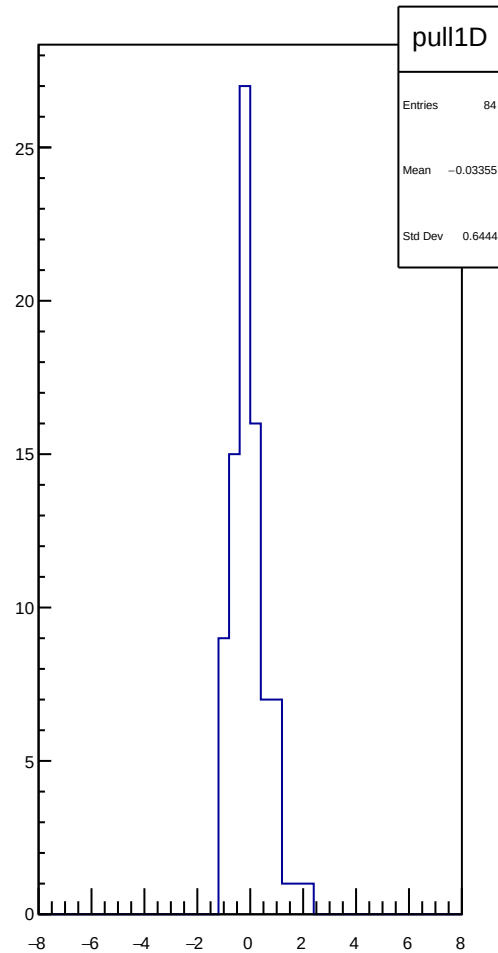
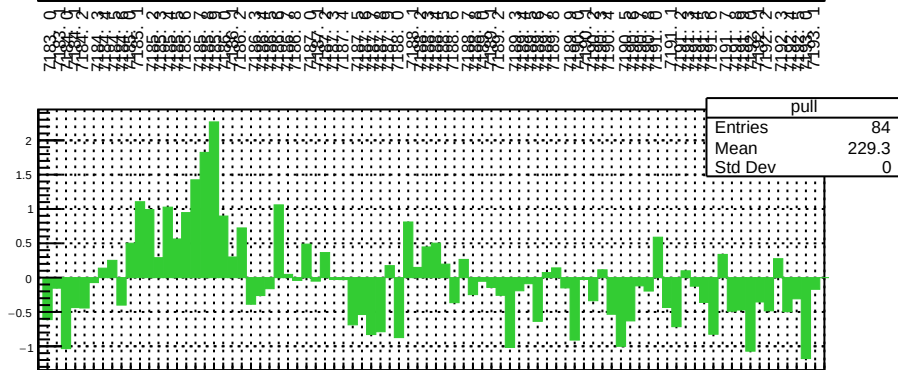
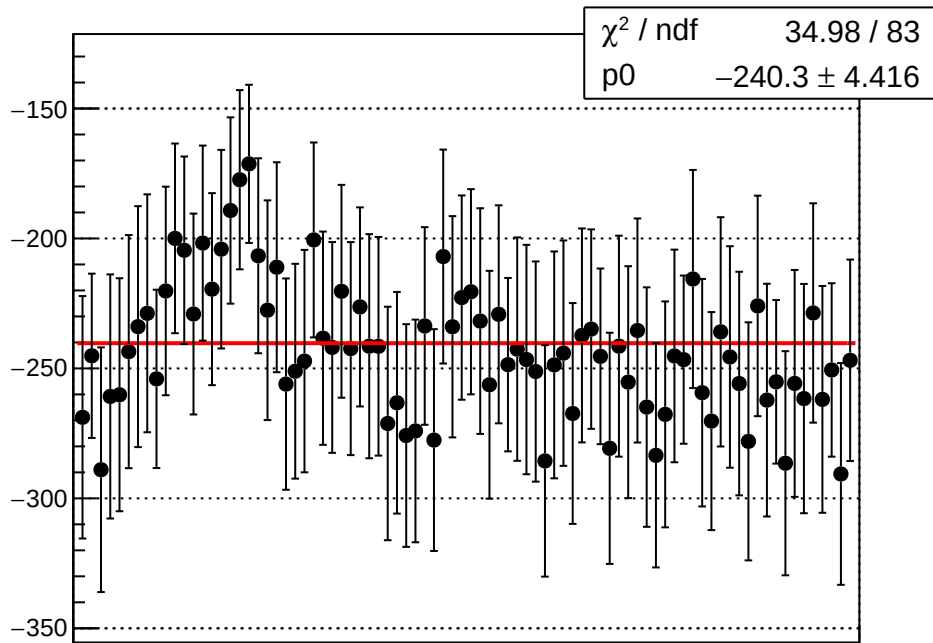
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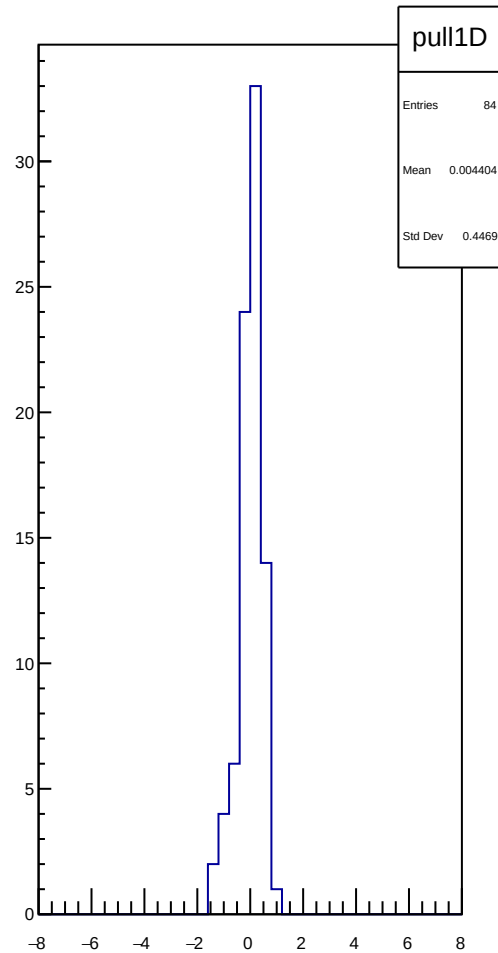
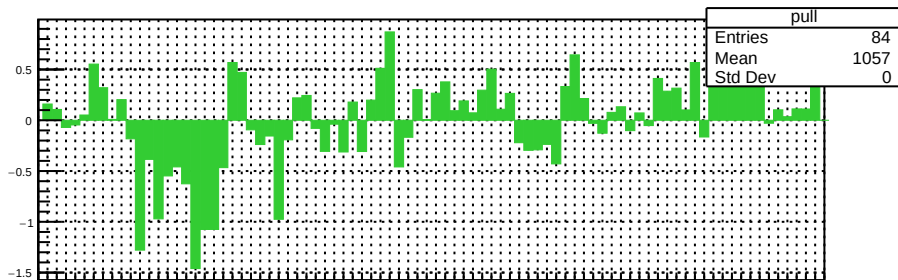
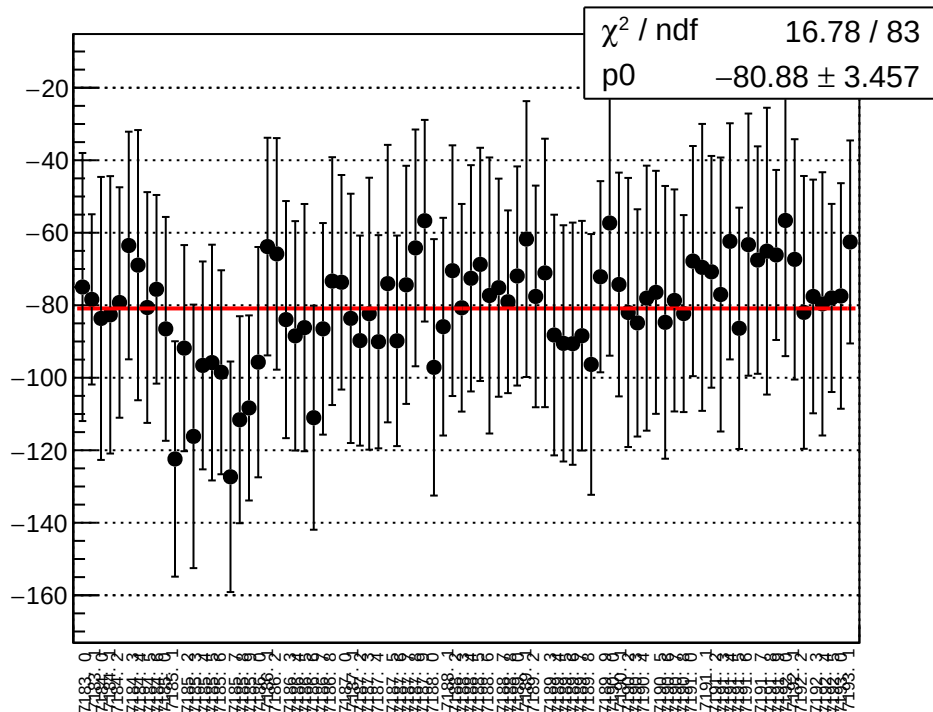
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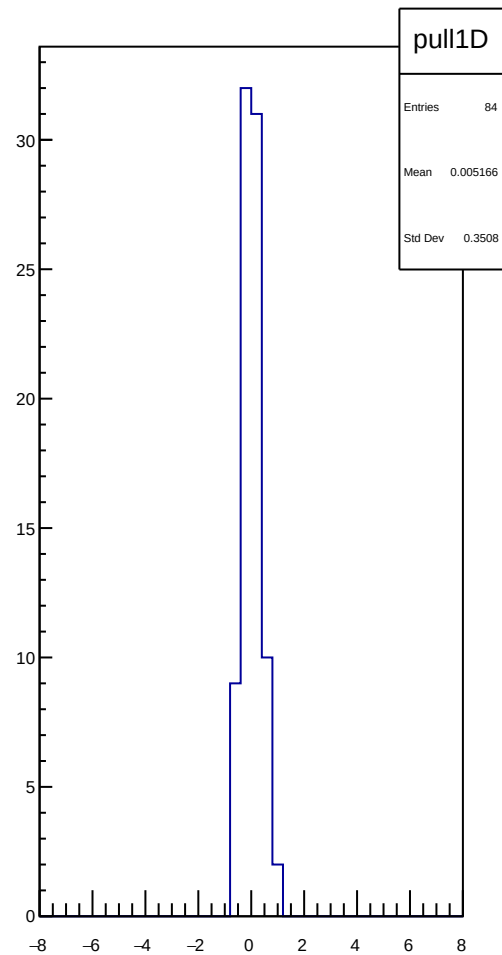
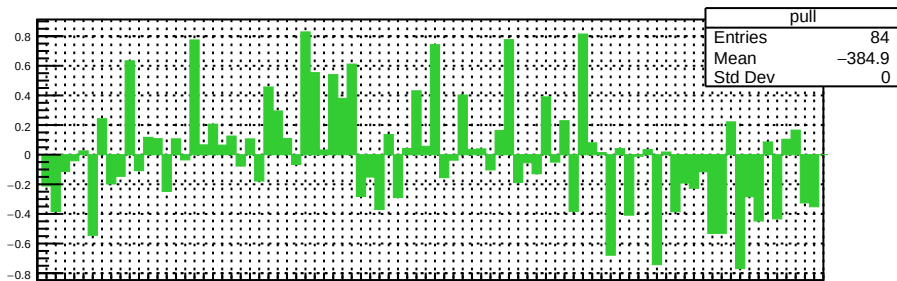
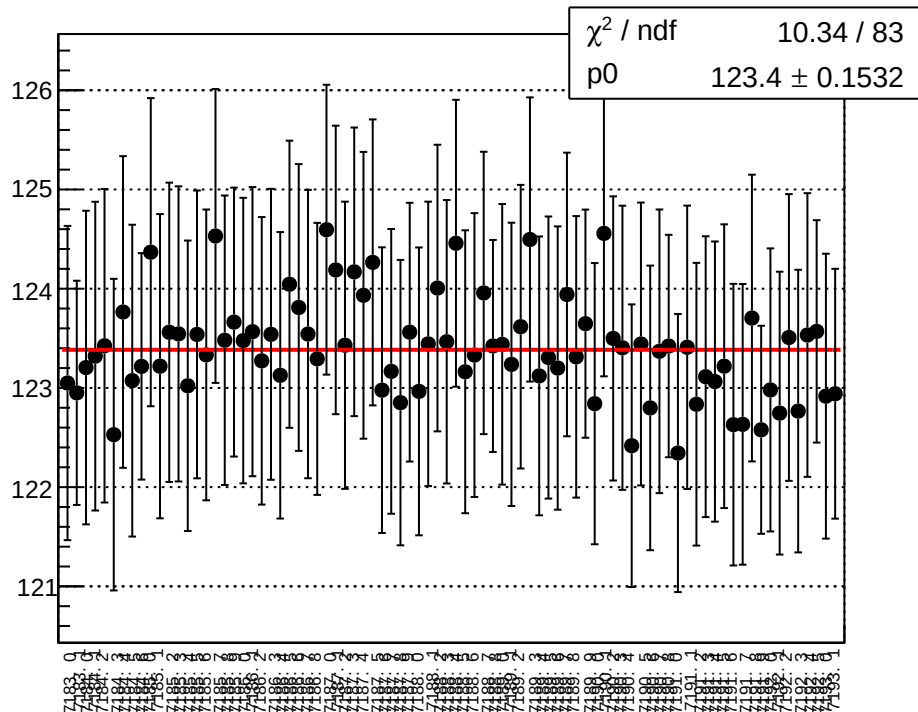
reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run



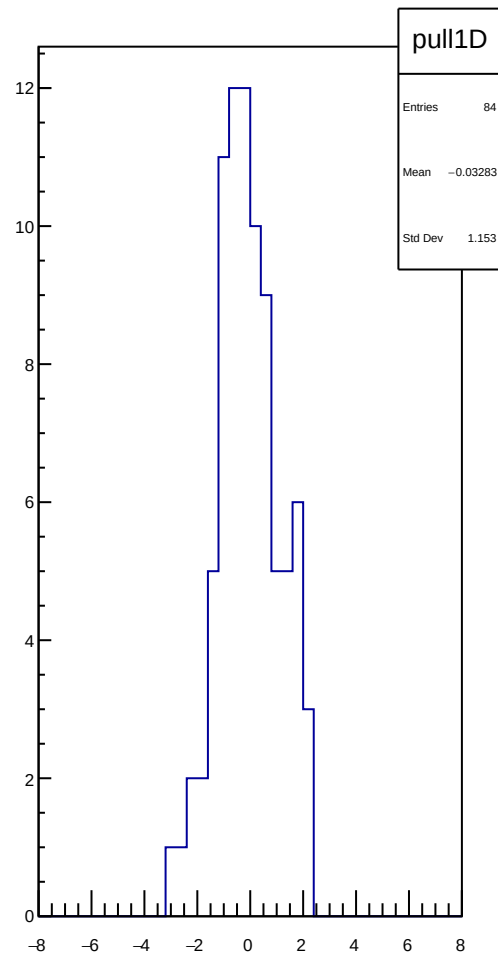
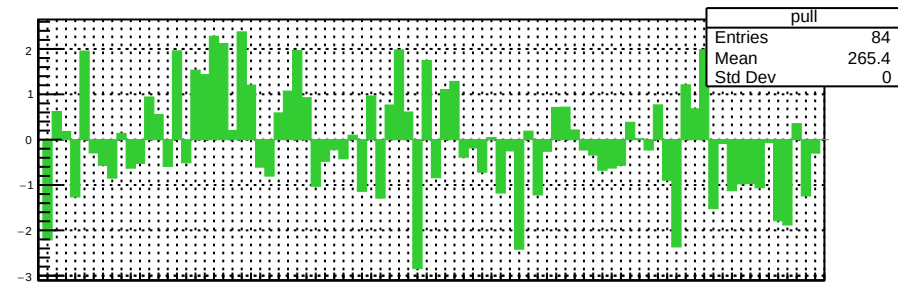
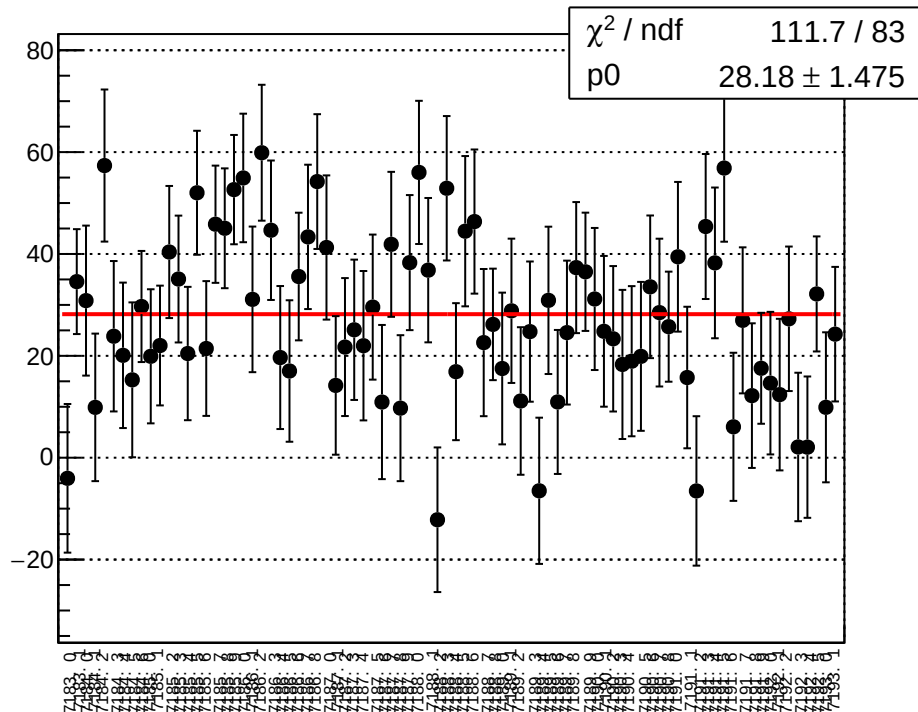
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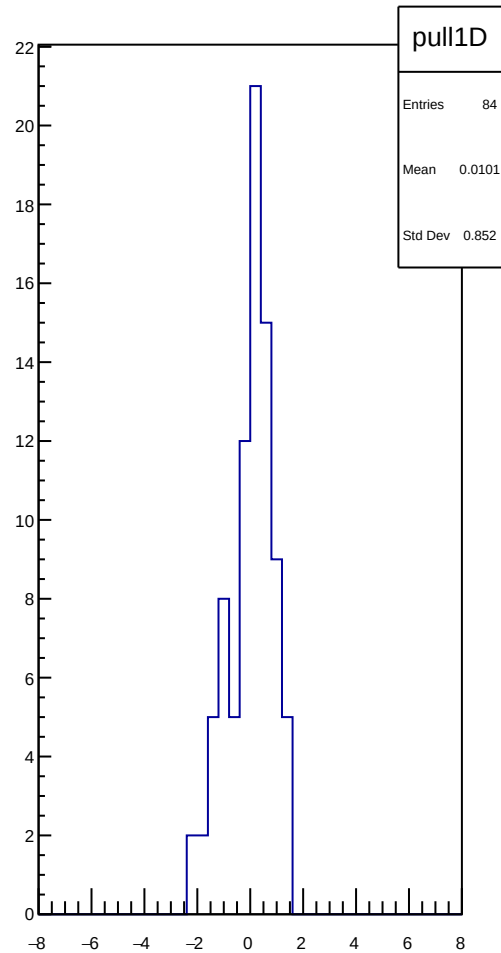
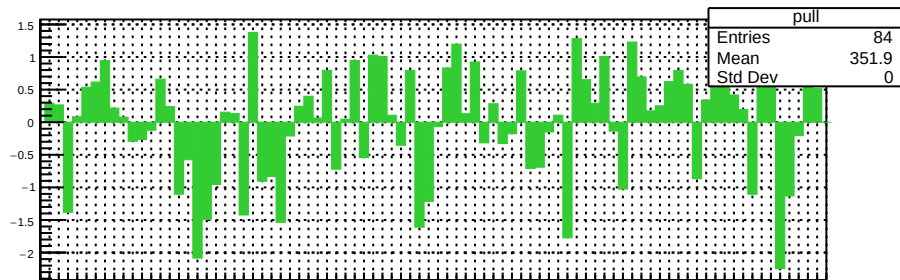
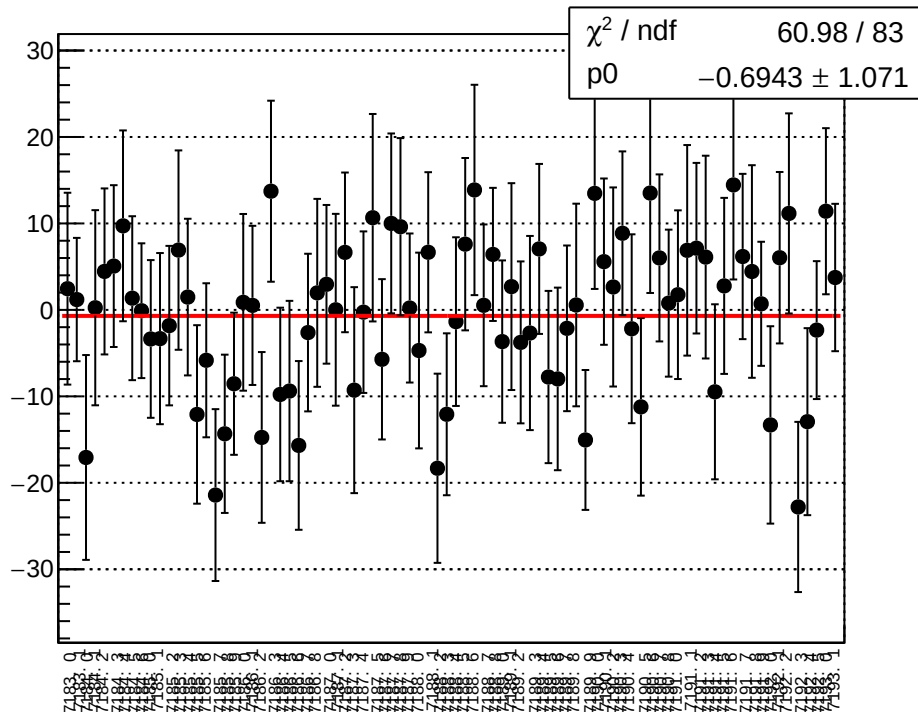
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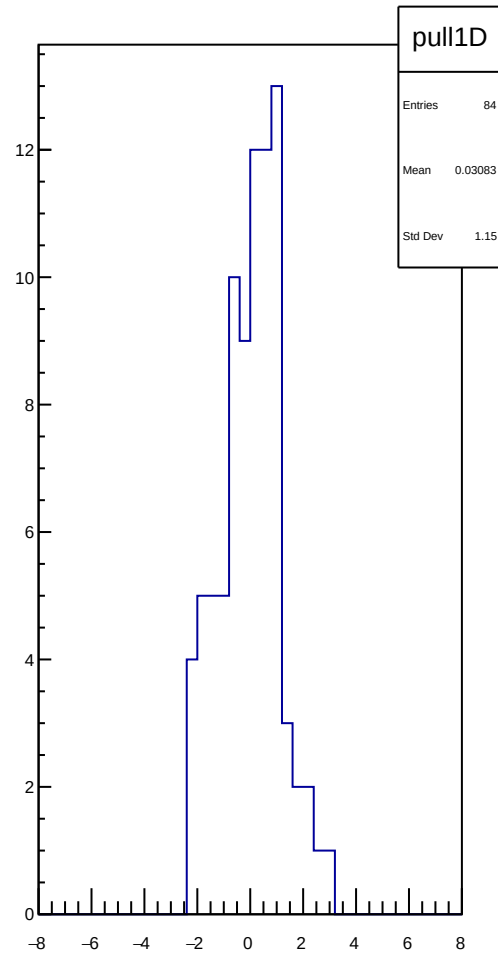
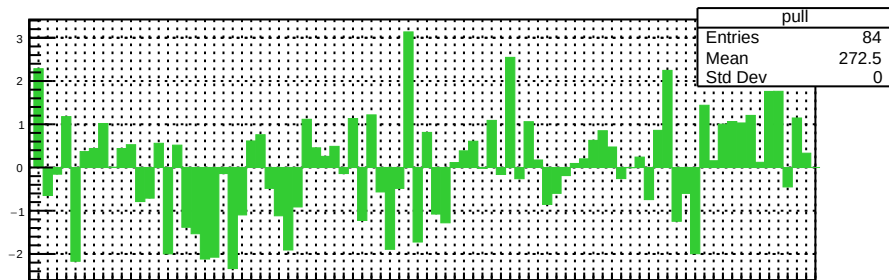
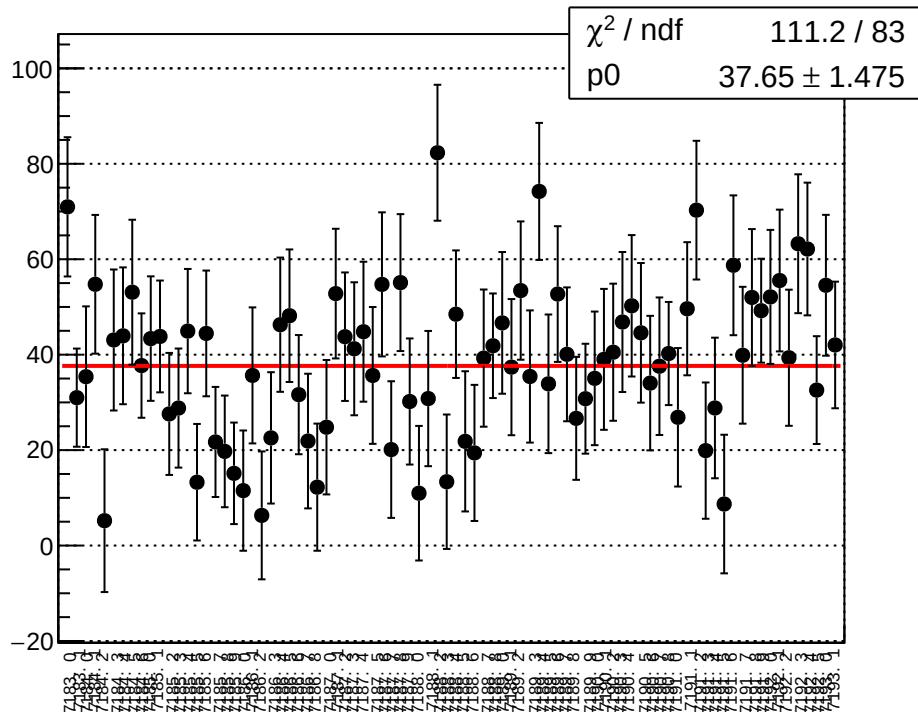
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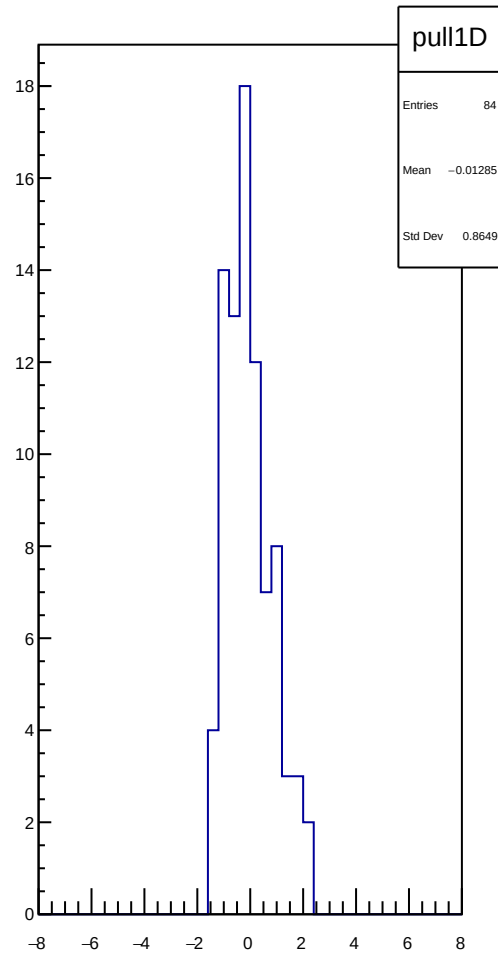
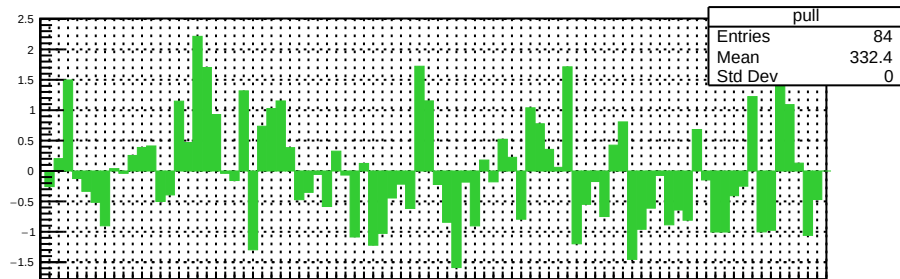
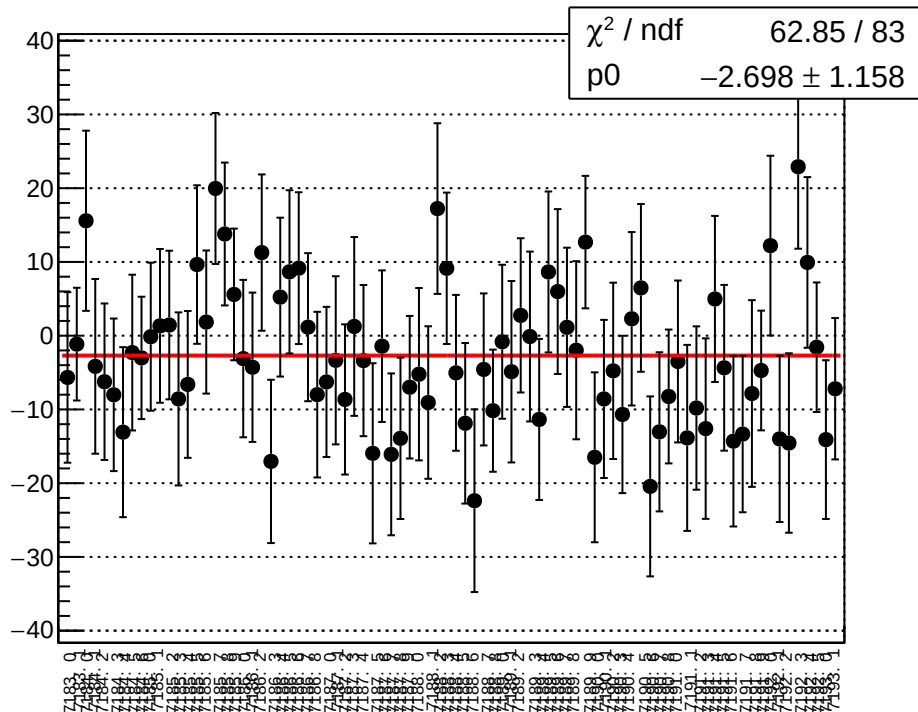
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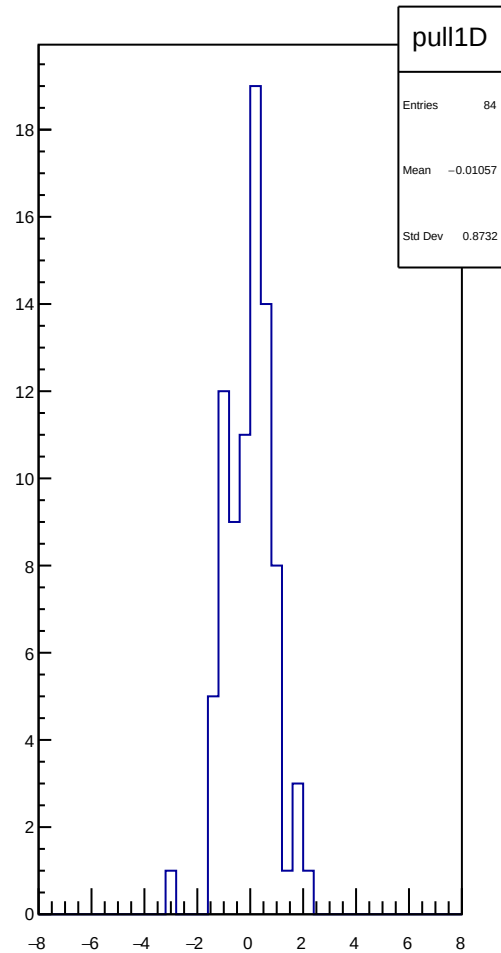
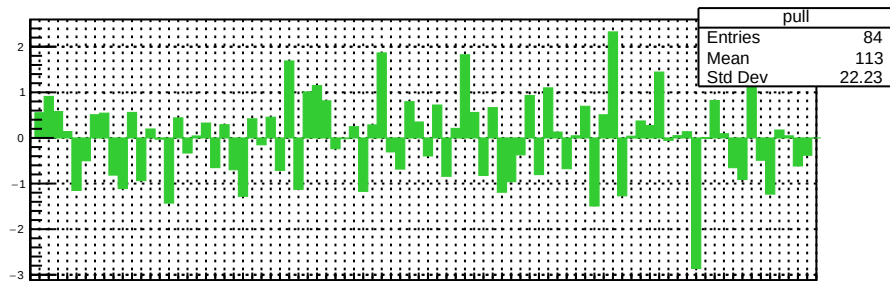
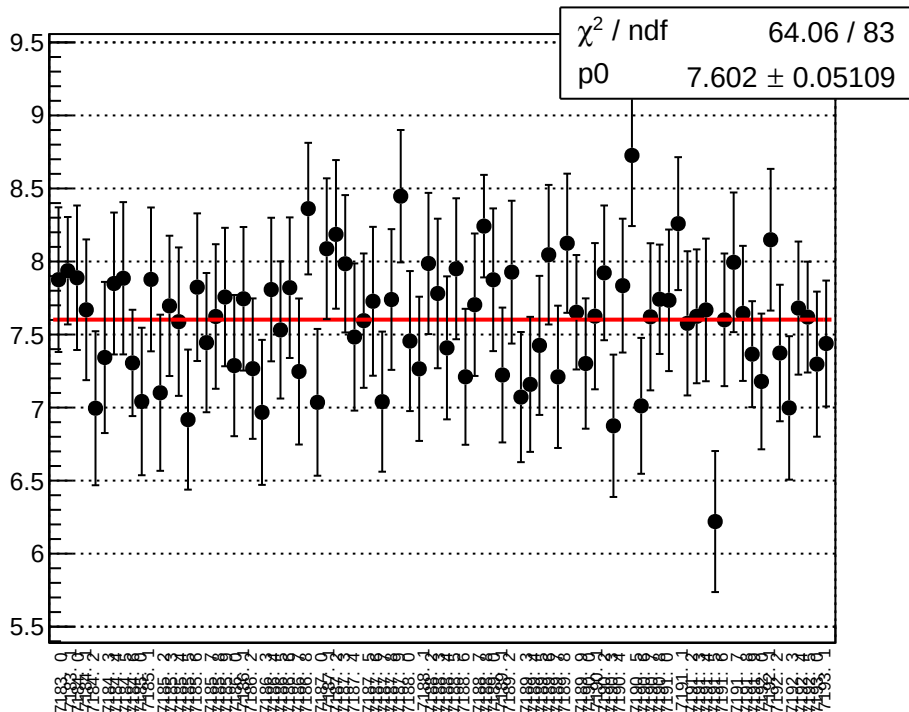
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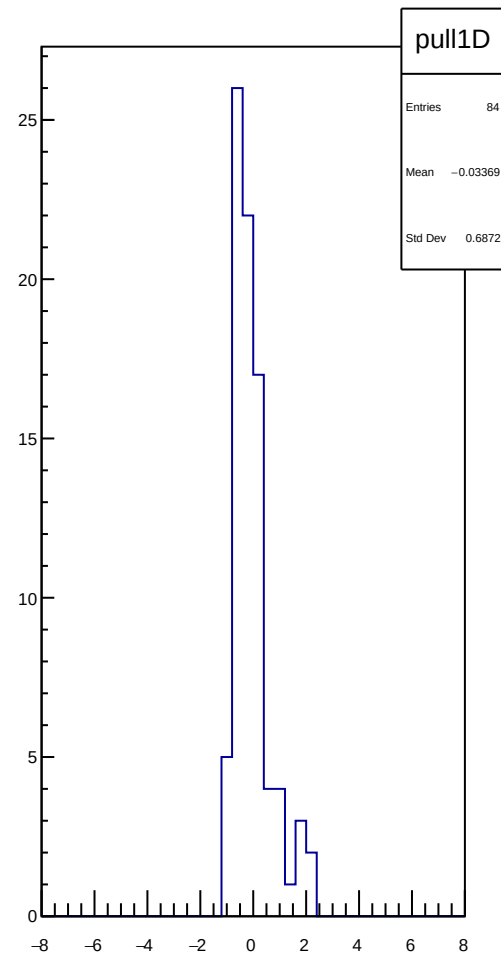
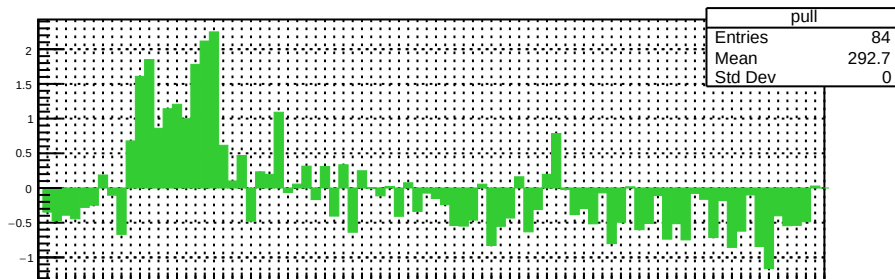
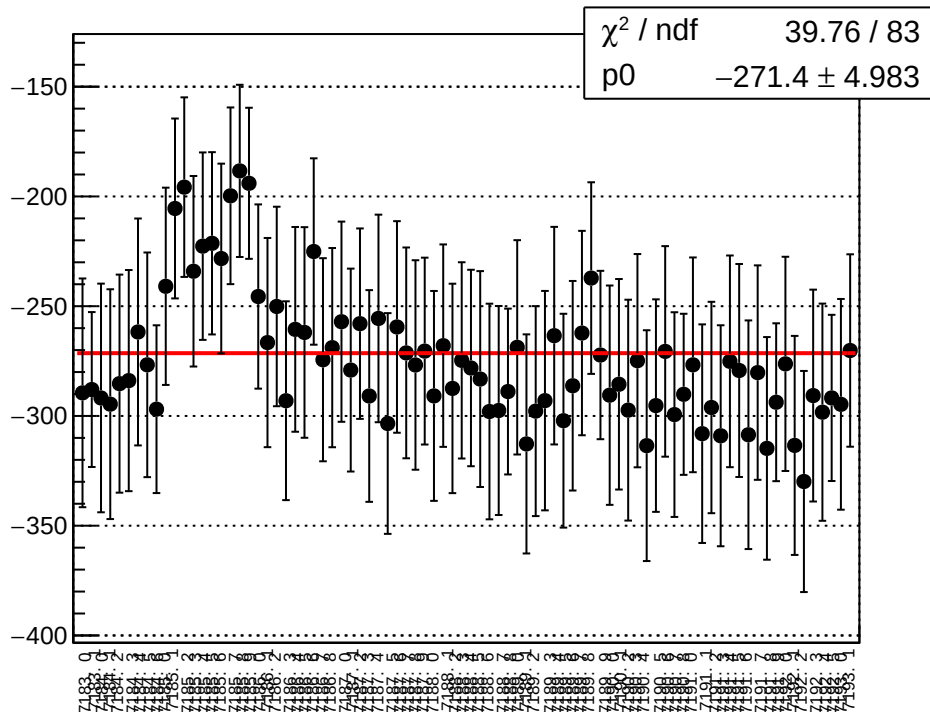
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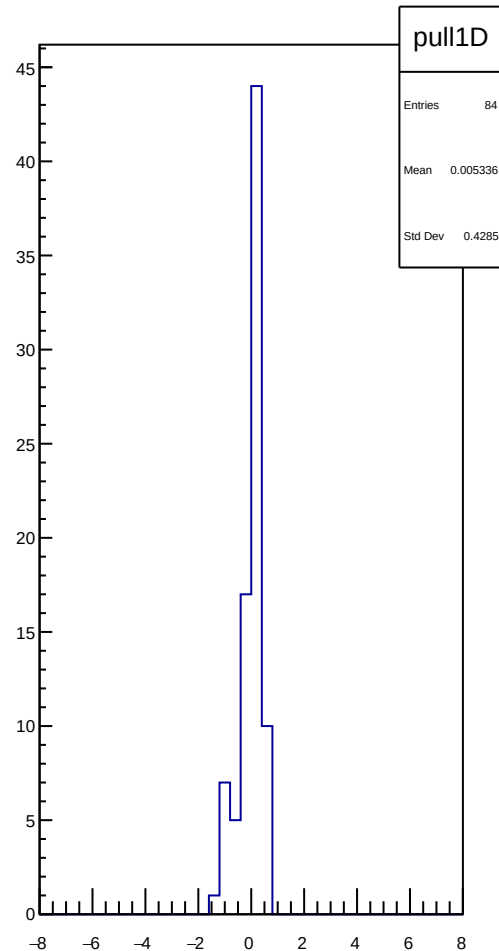
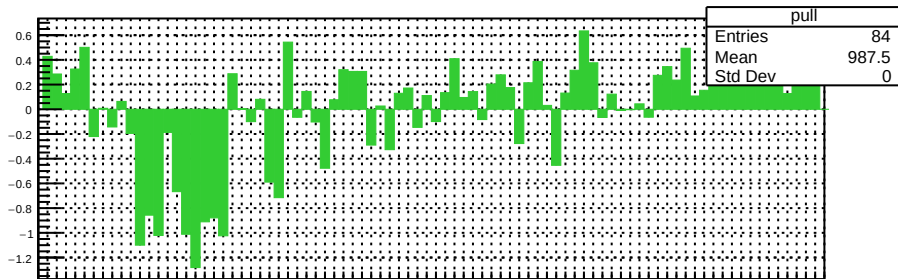
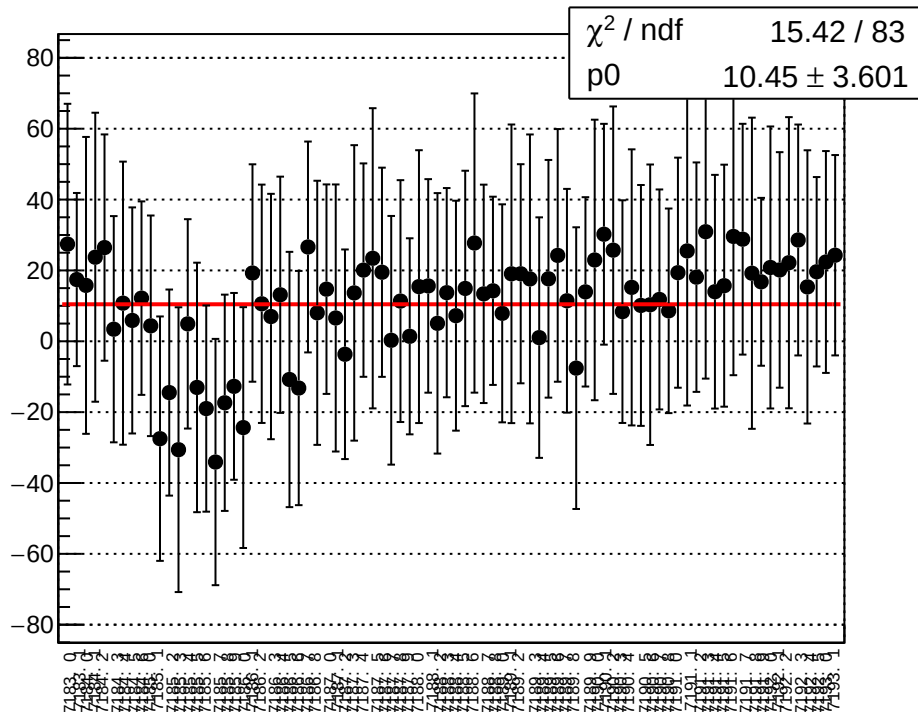
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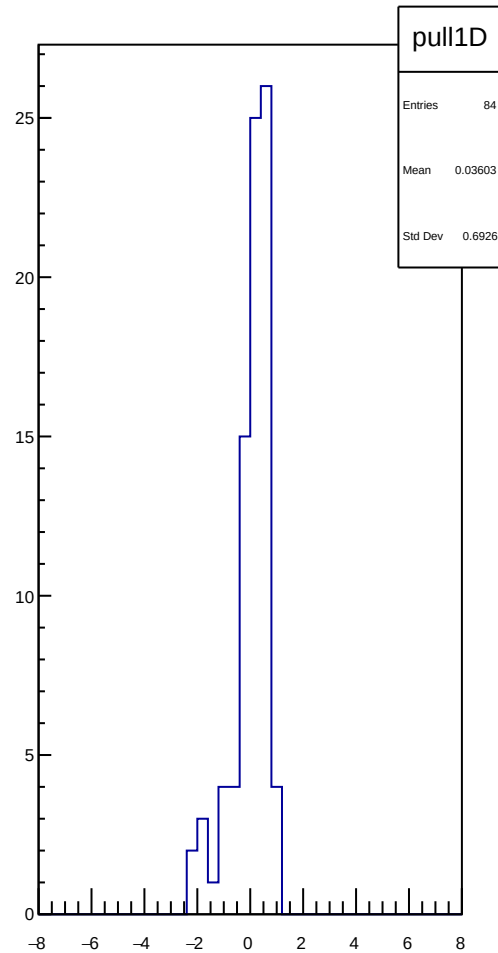
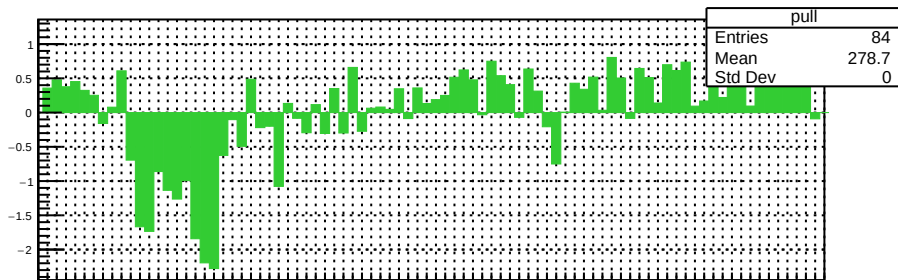
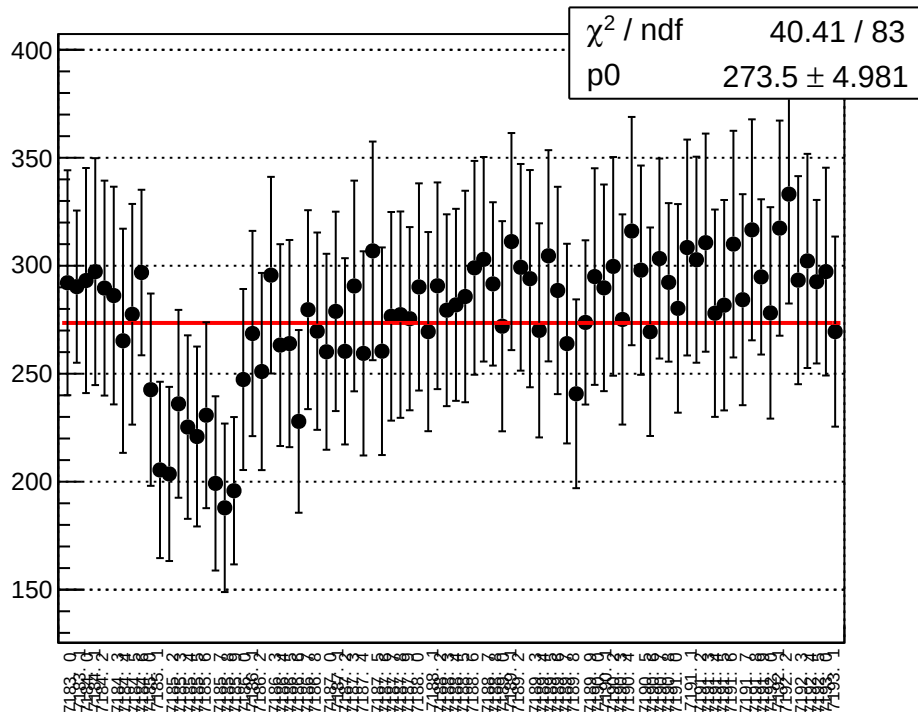
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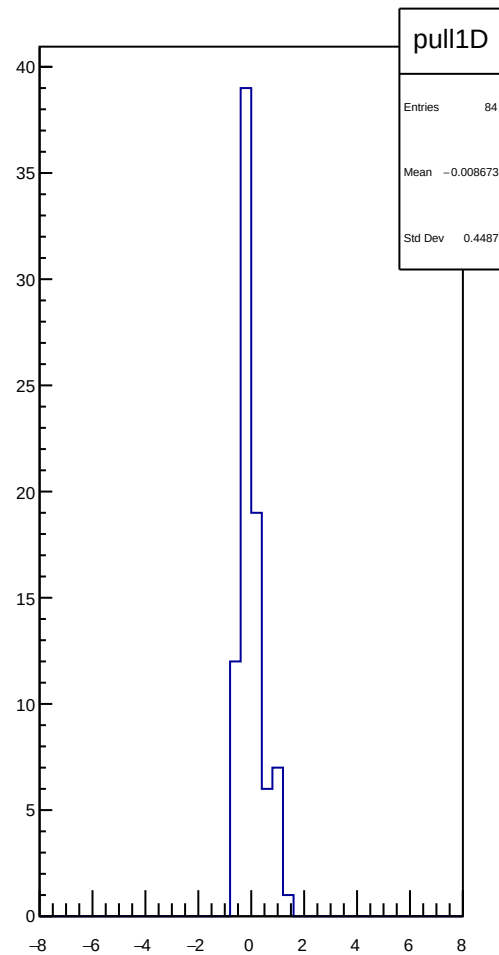
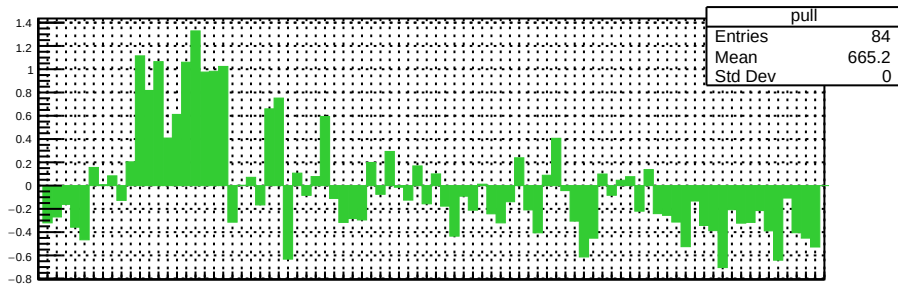
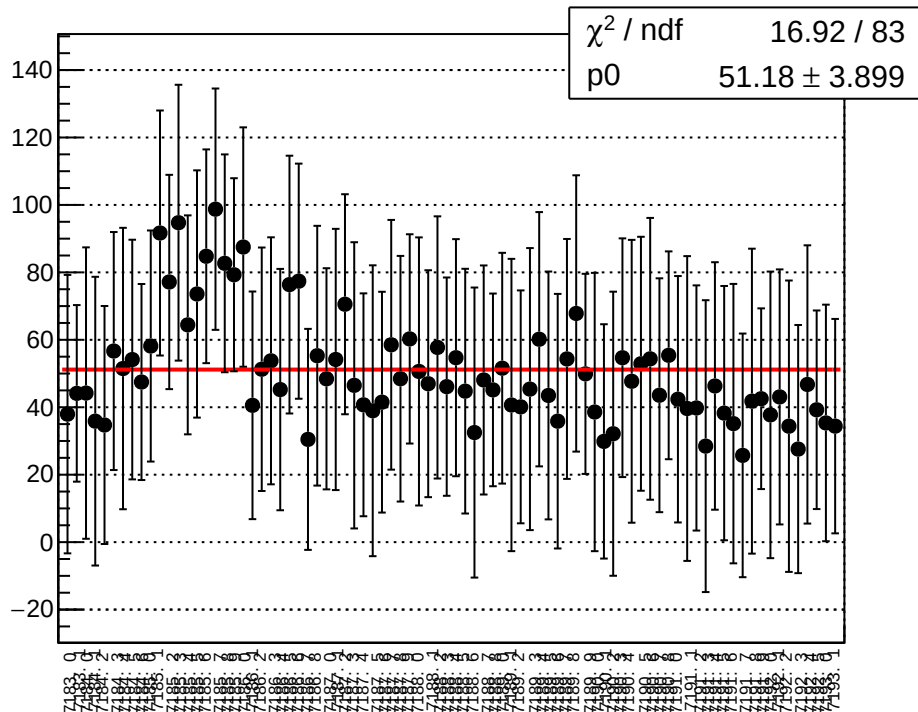
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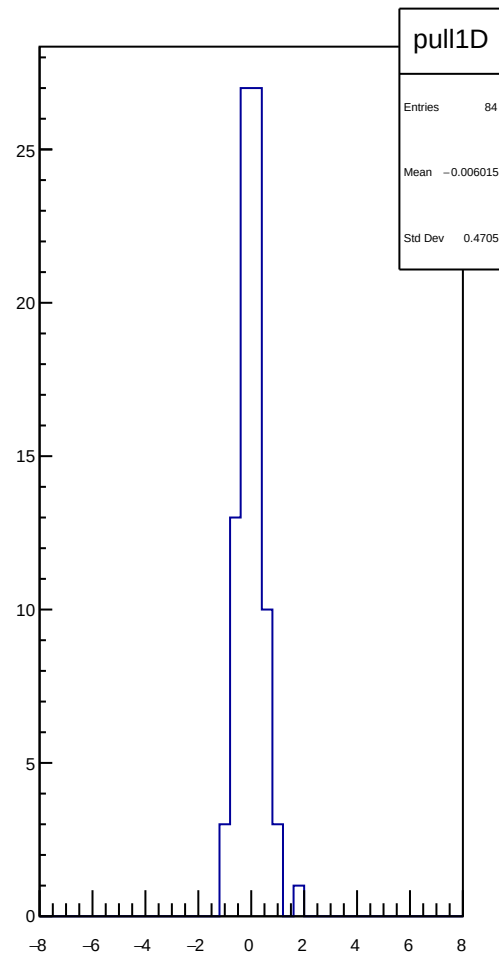
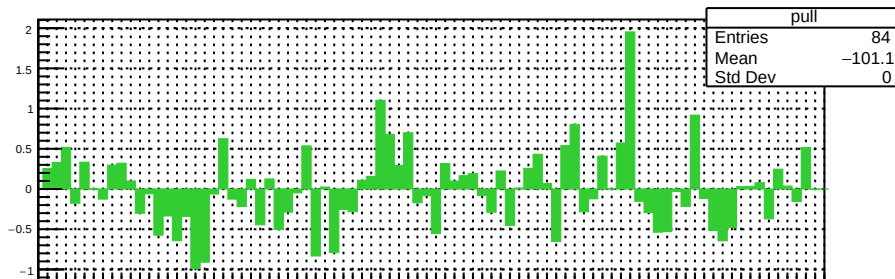
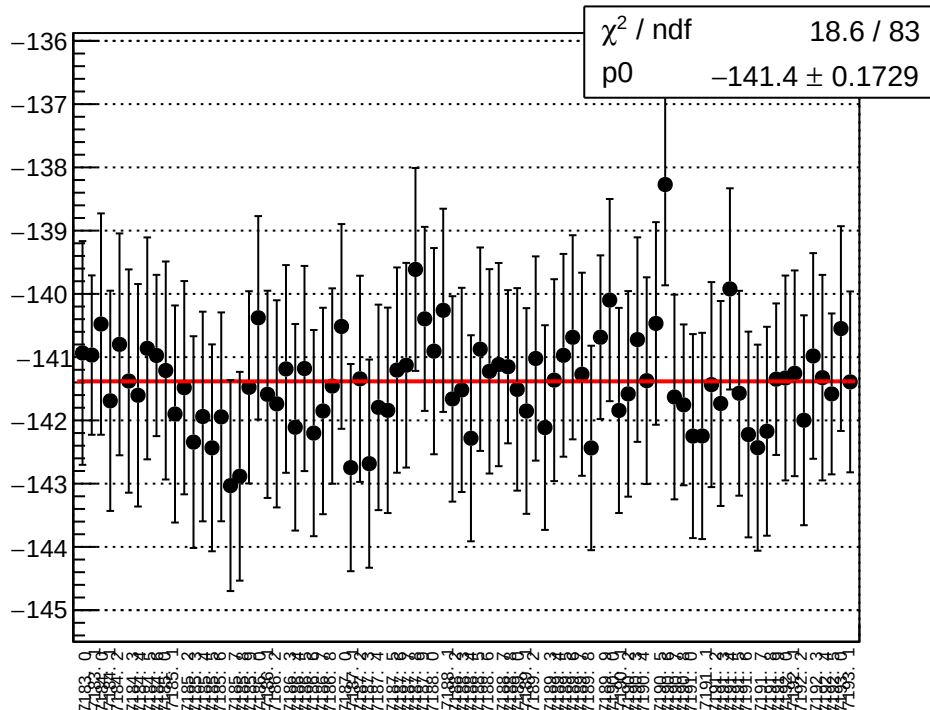
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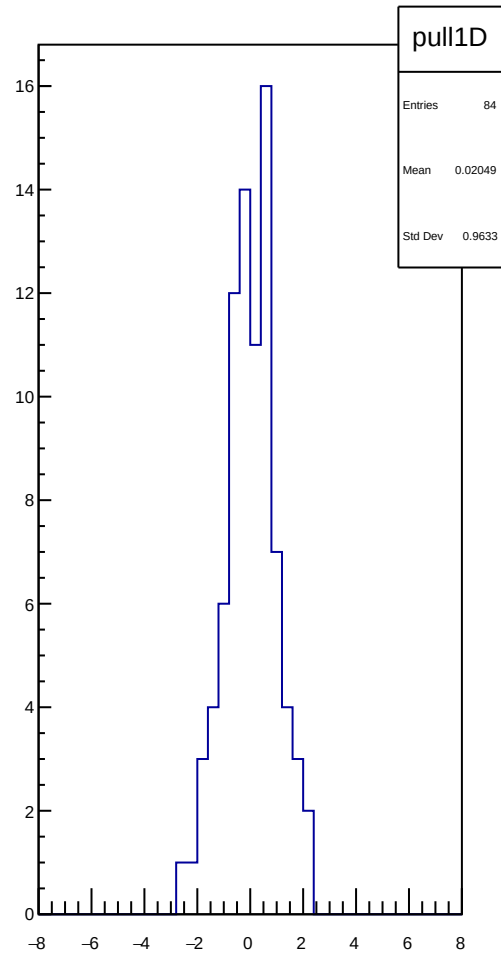
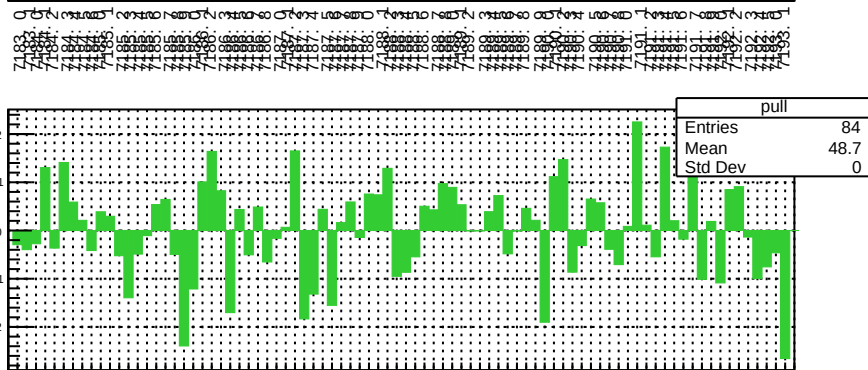
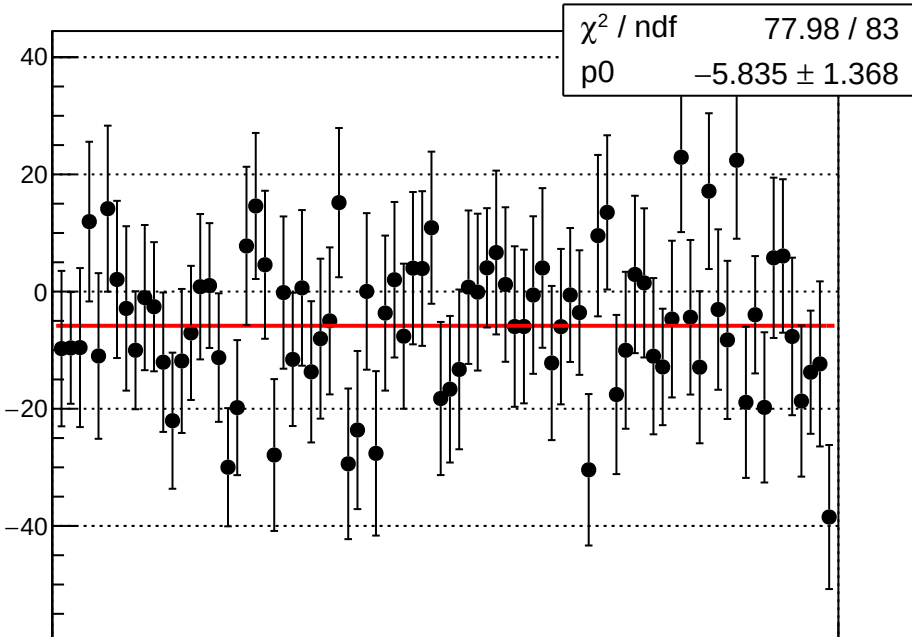
reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run



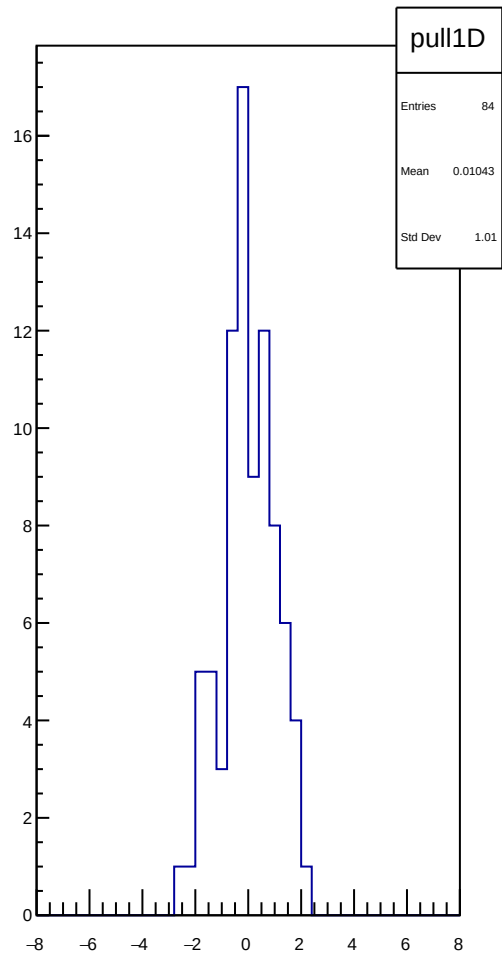
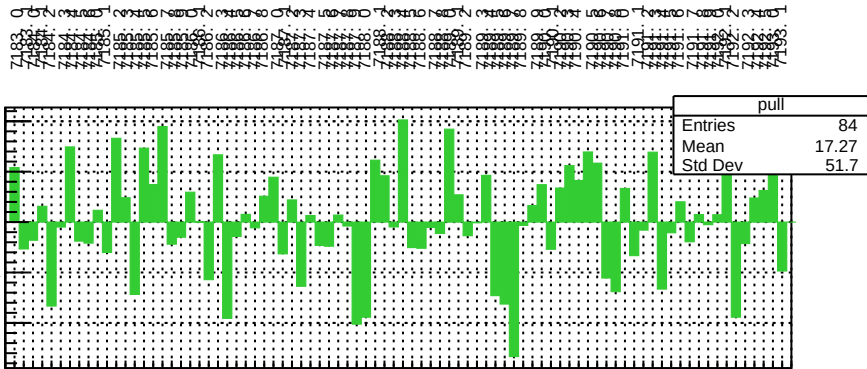
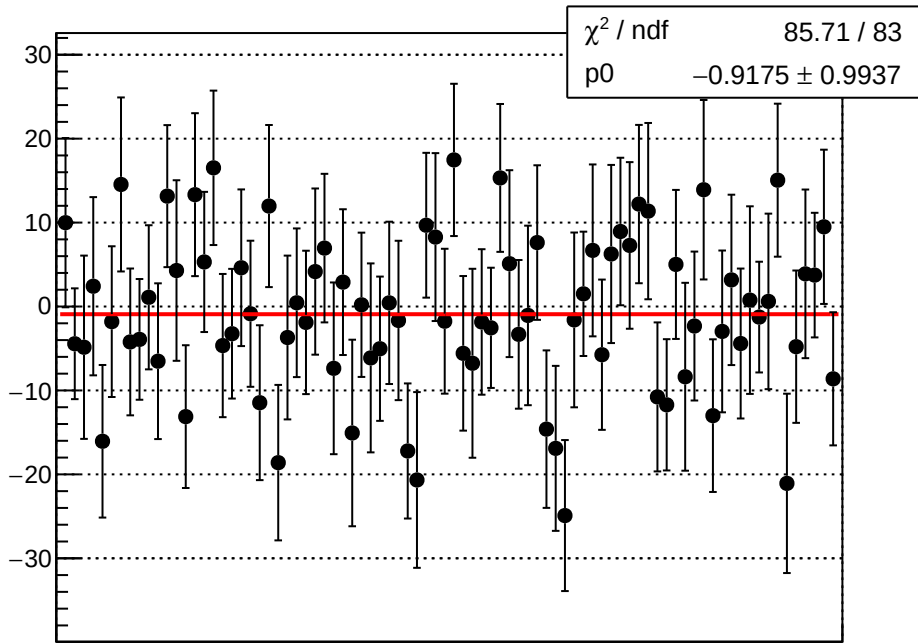
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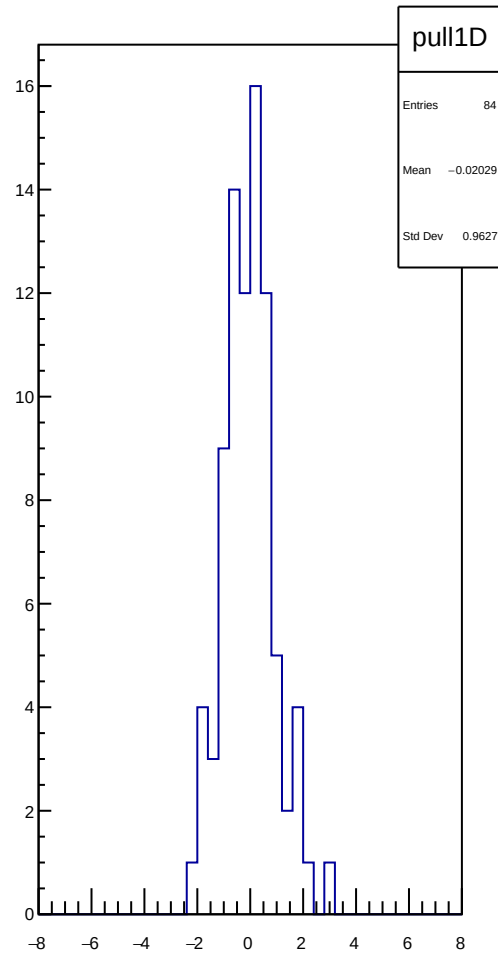
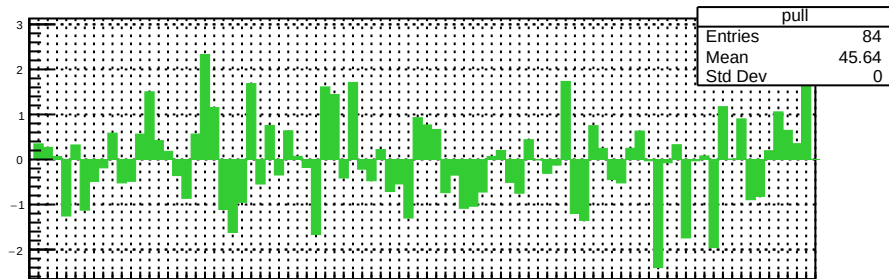
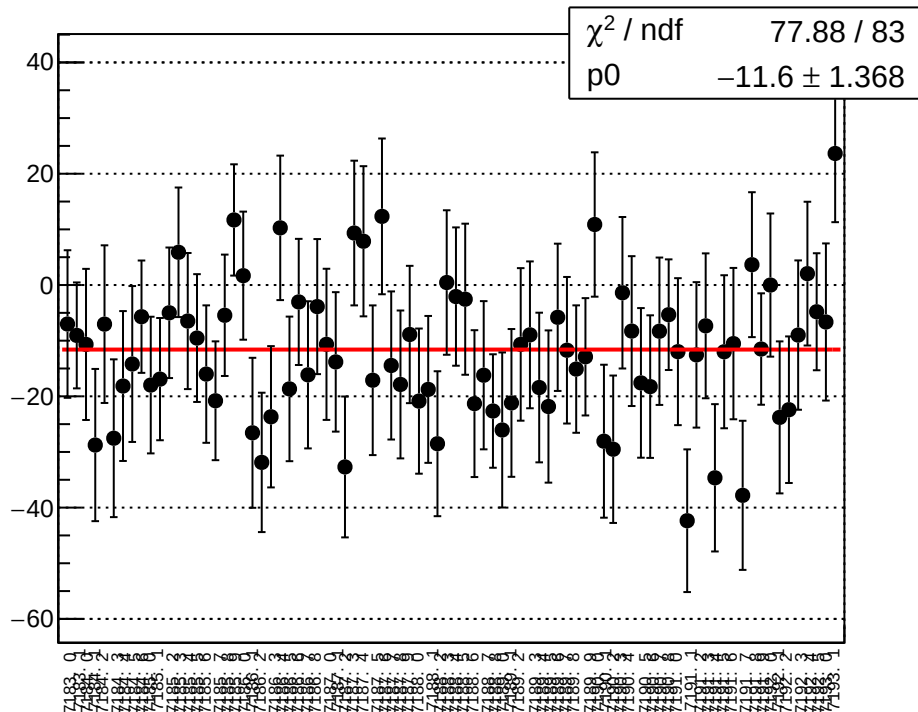
reg asym atl avg atr avg dd diff bpm1X slope vs run



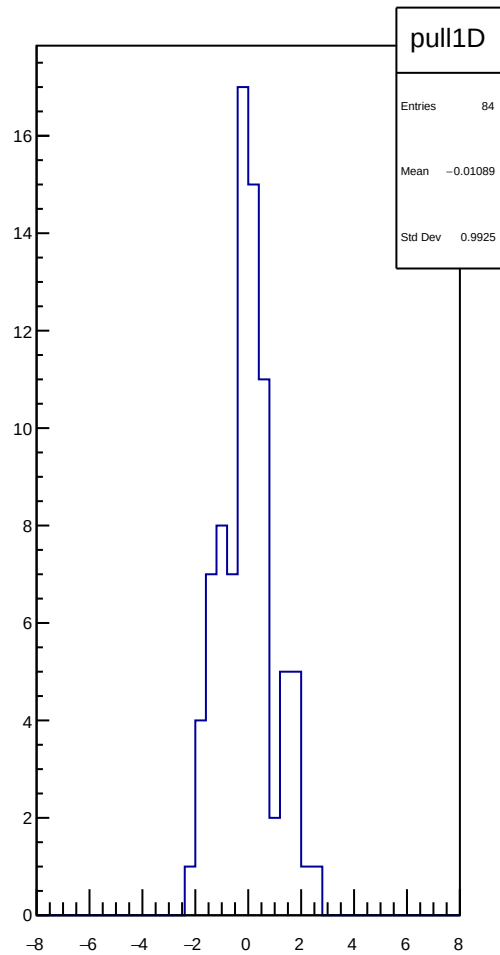
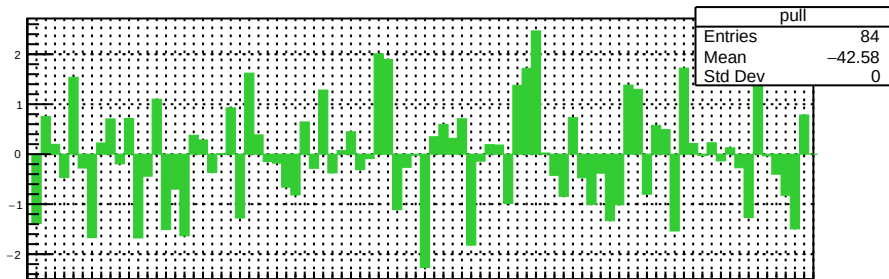
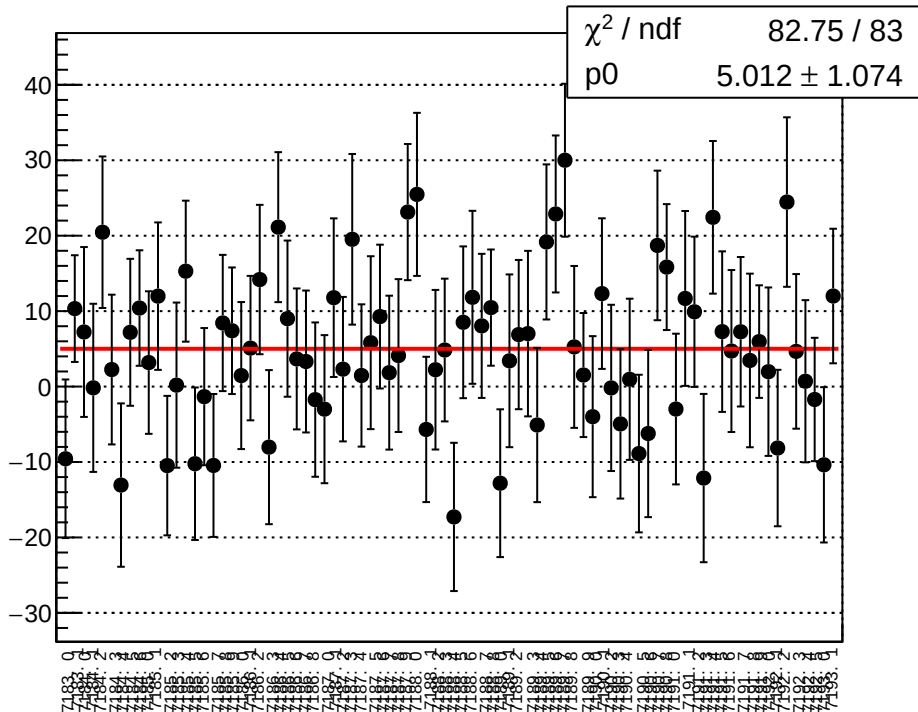
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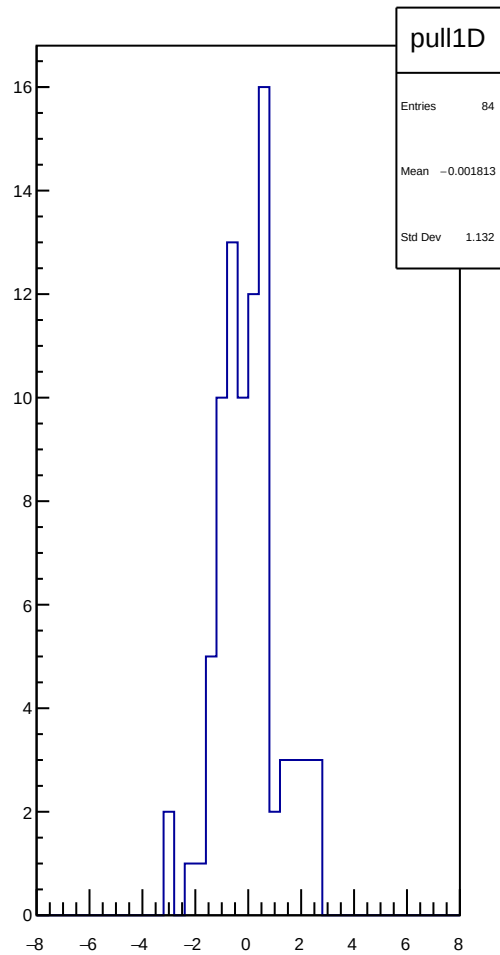
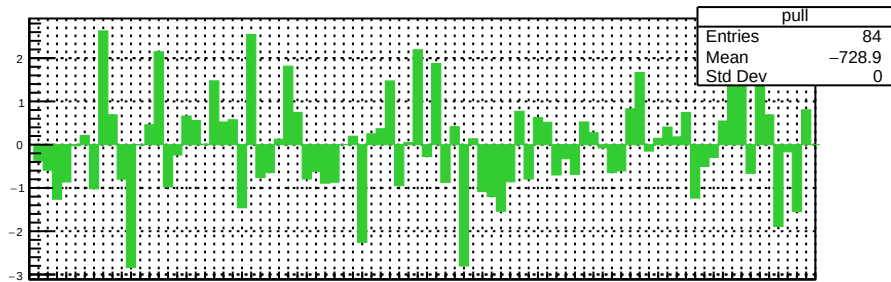
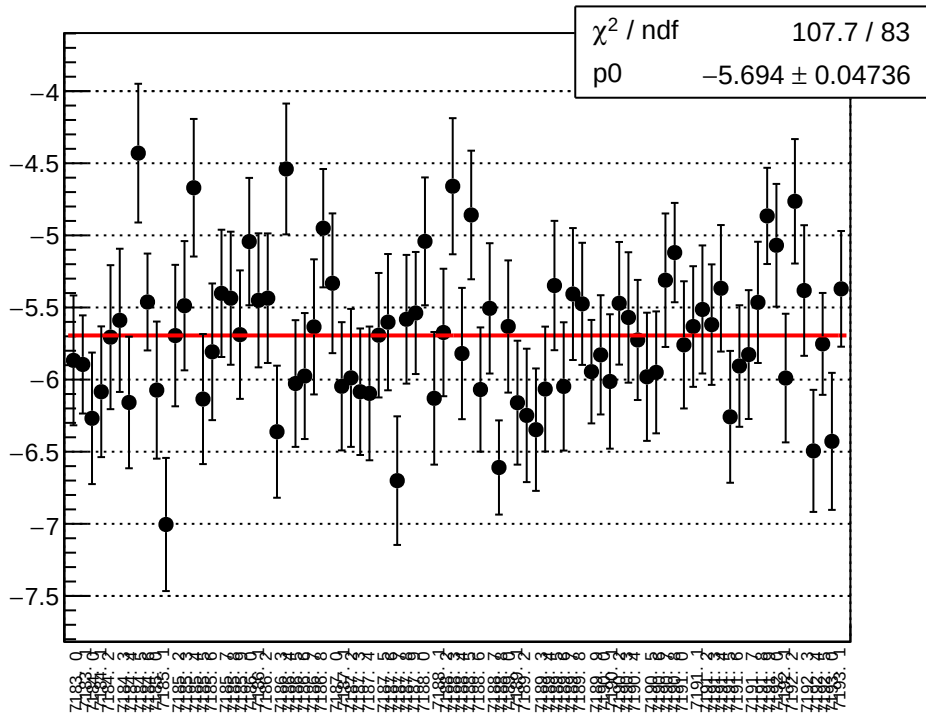
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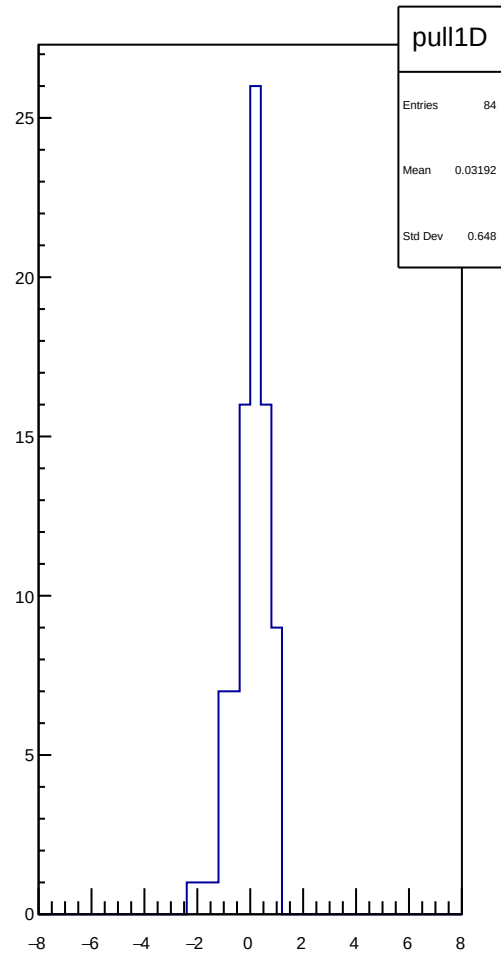
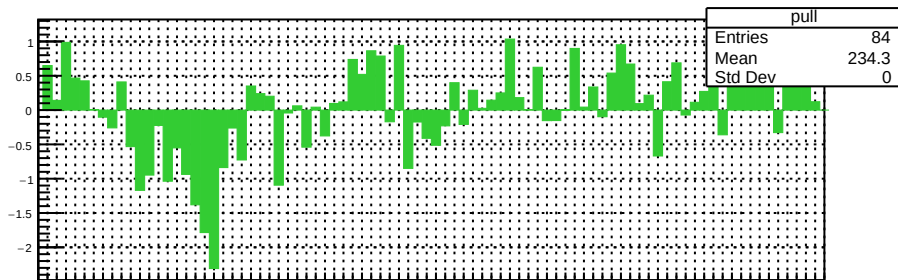
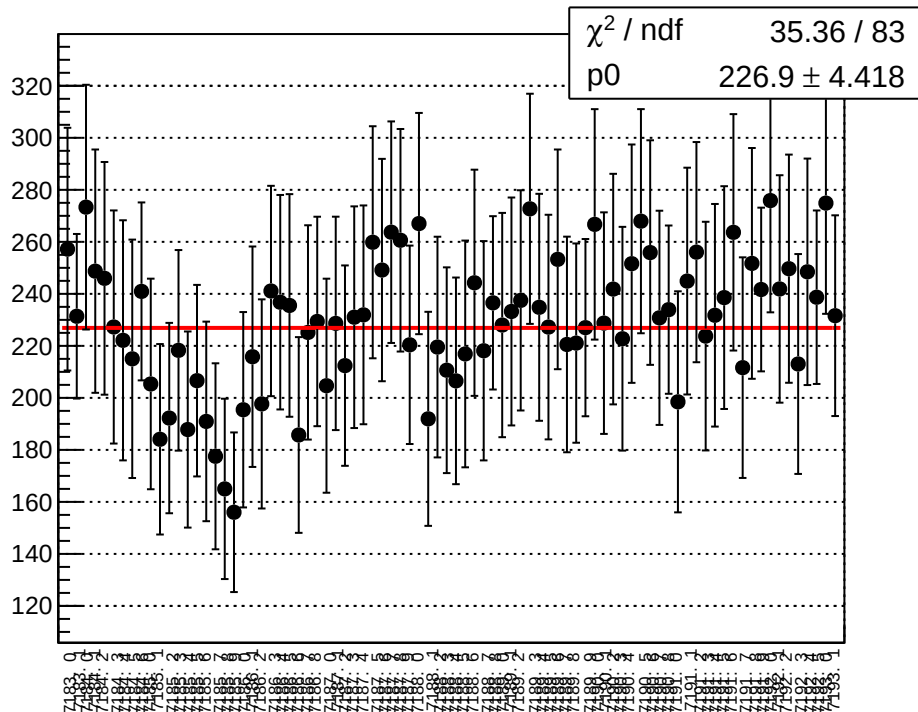
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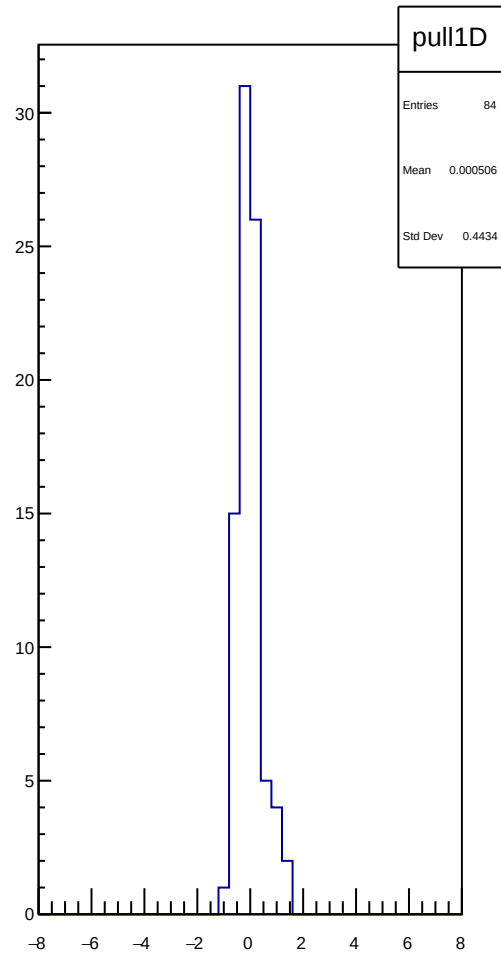
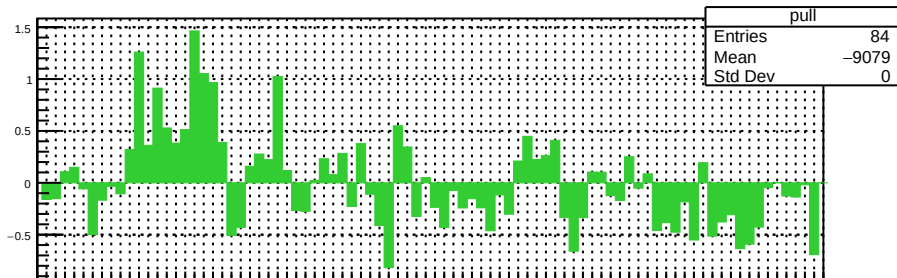
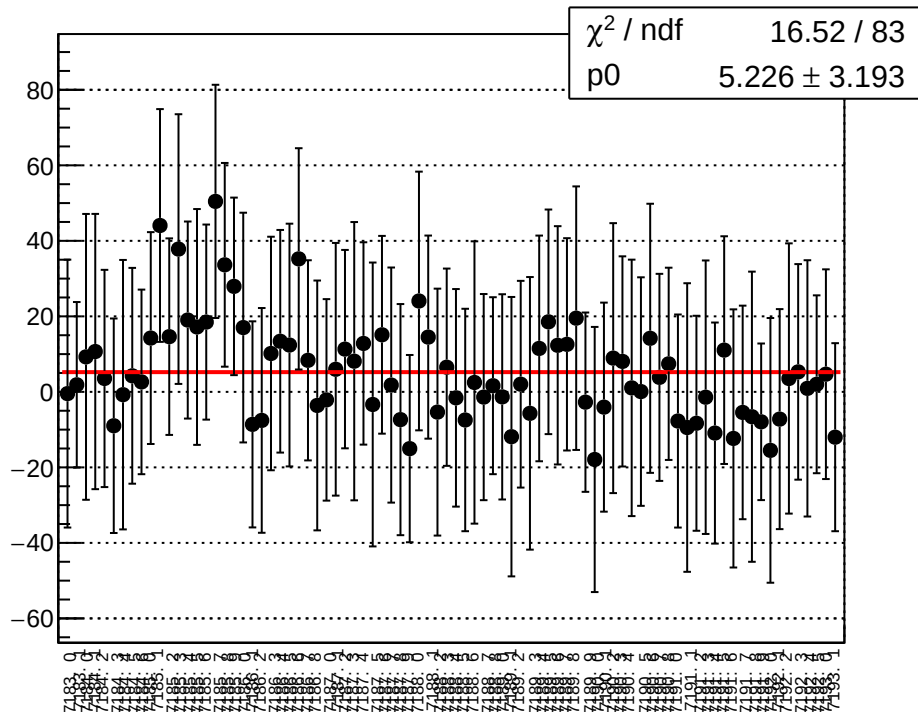
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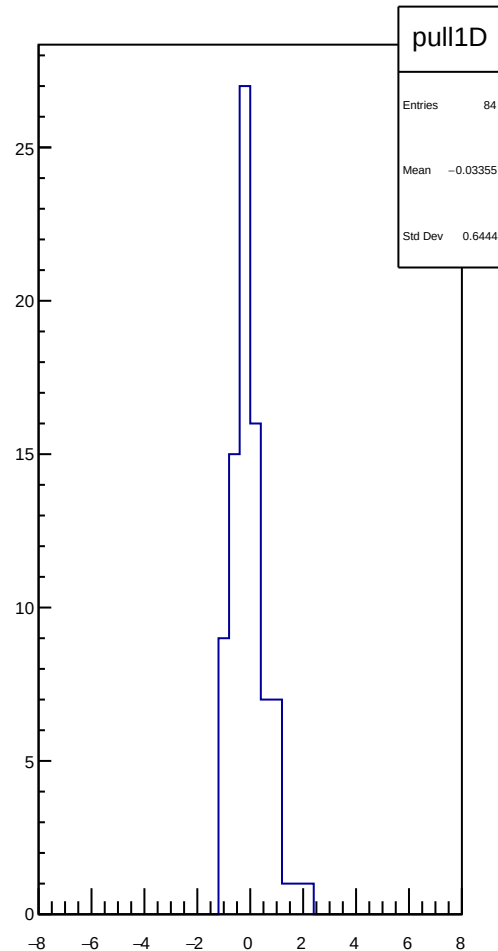
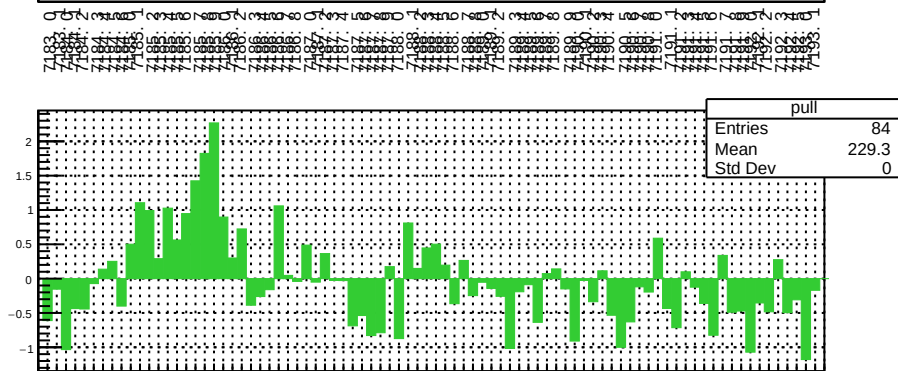
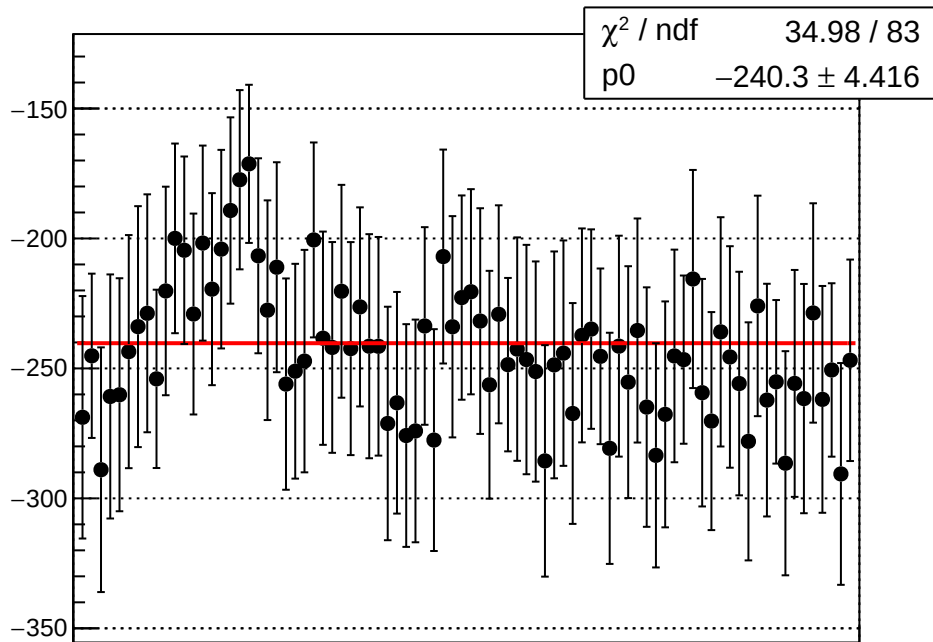
reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs run



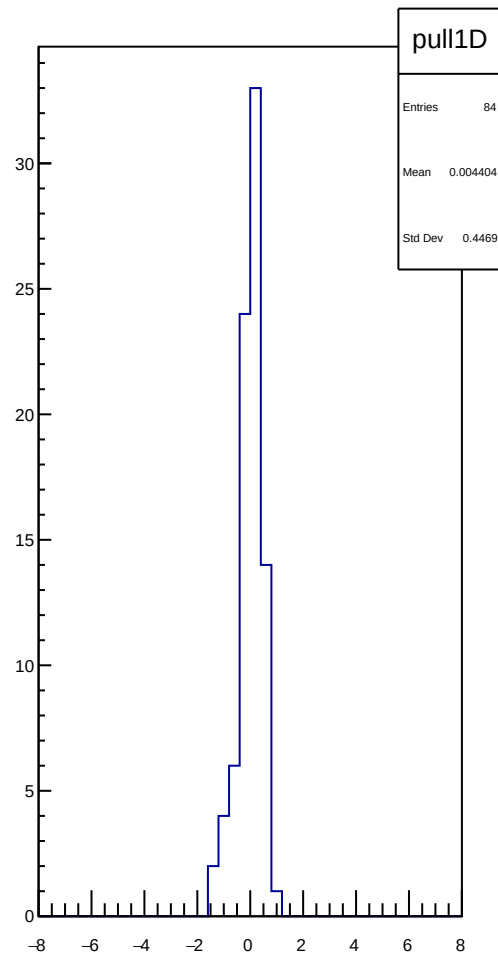
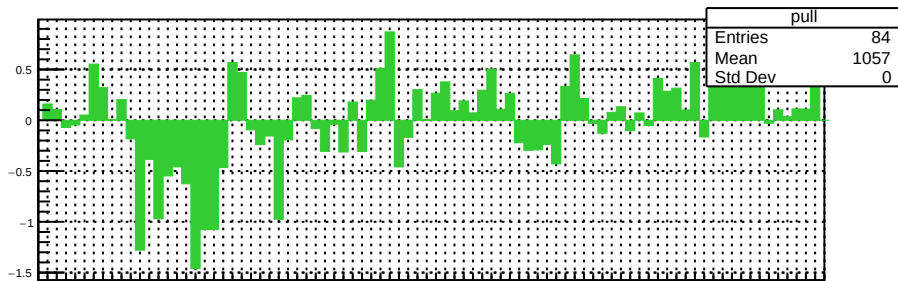
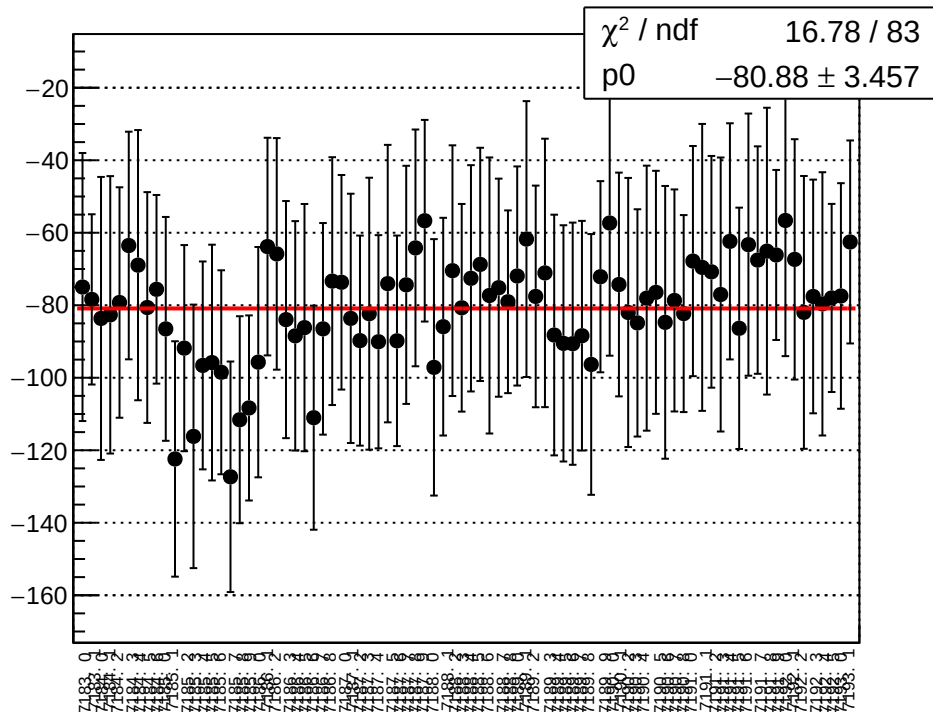
reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs run



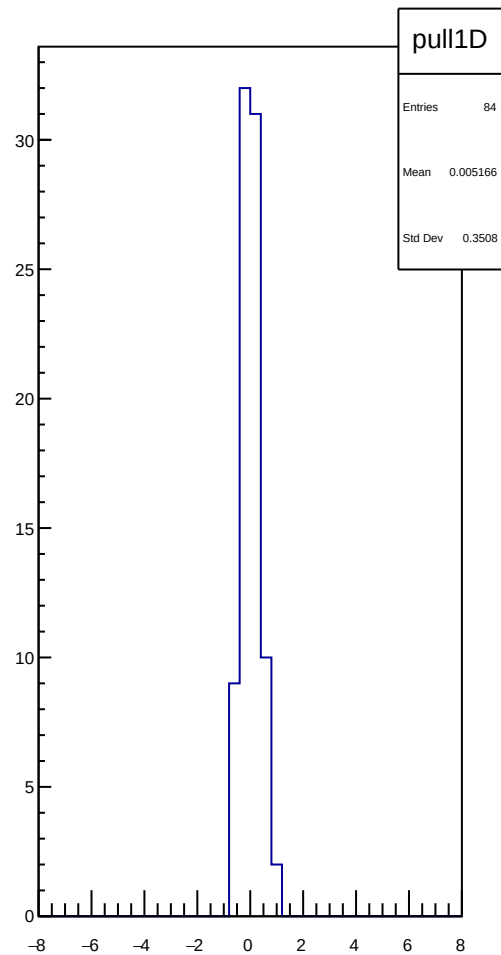
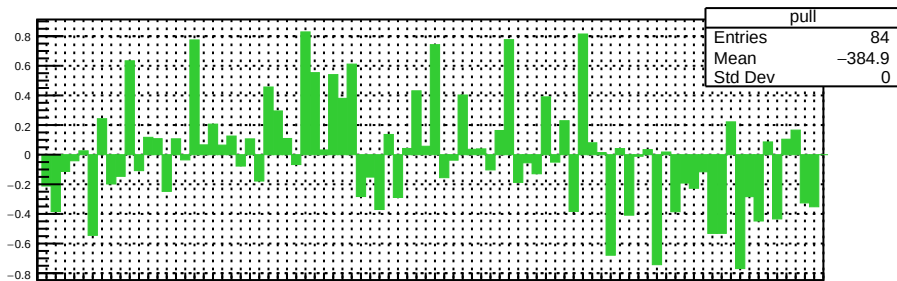
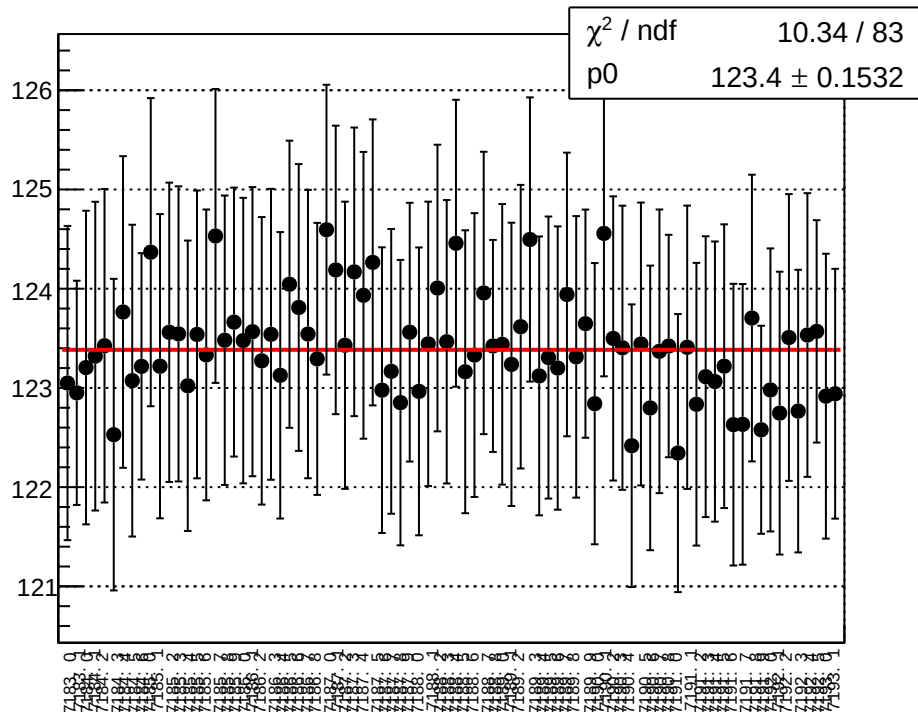
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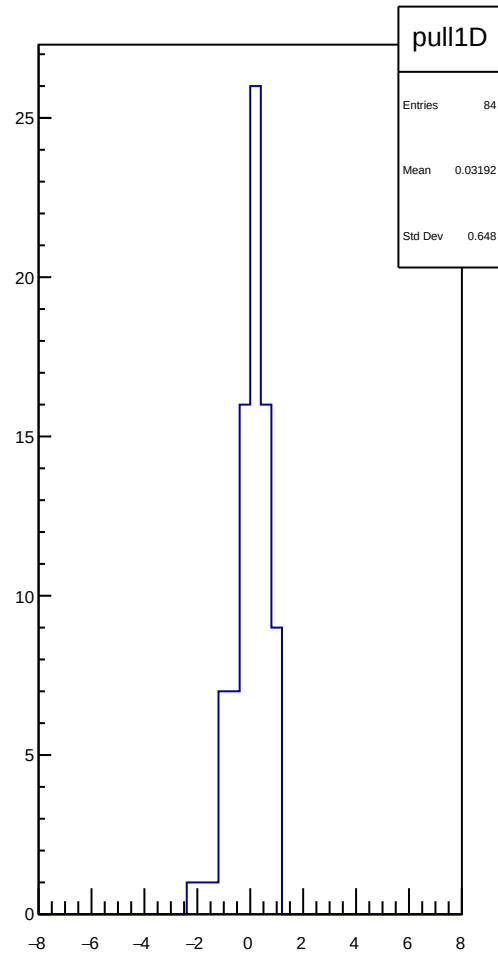
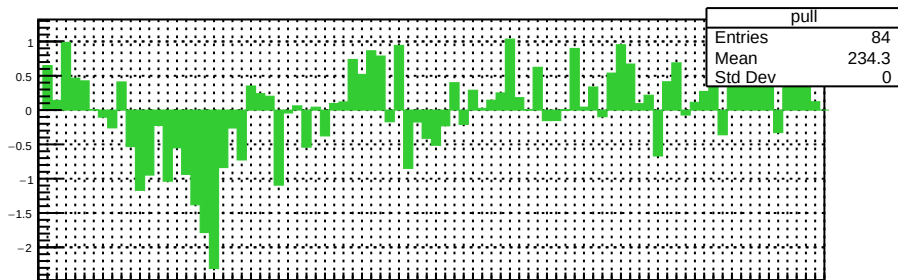
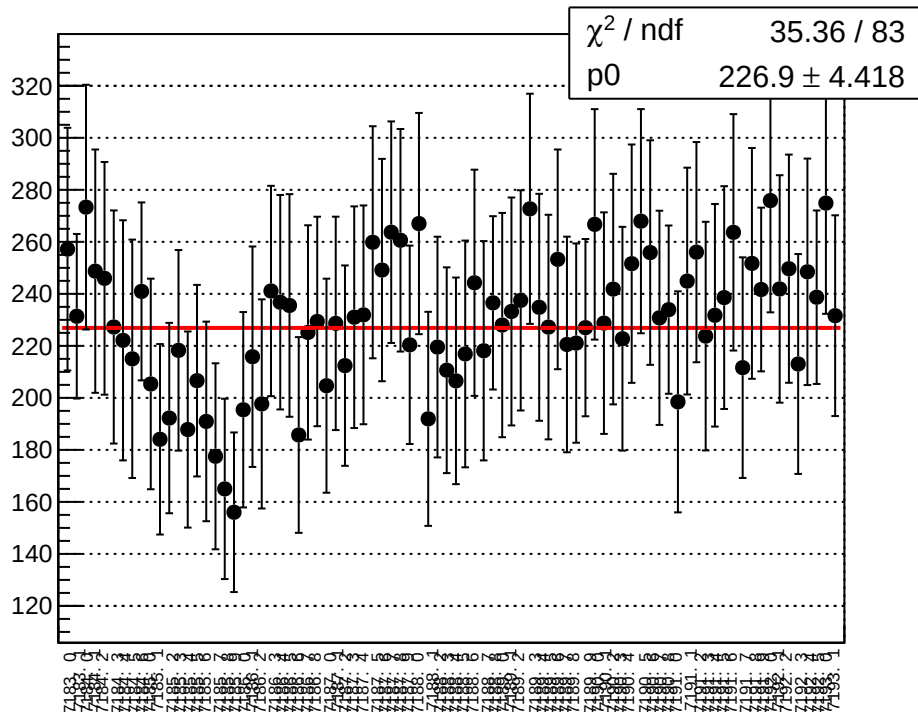
reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs run



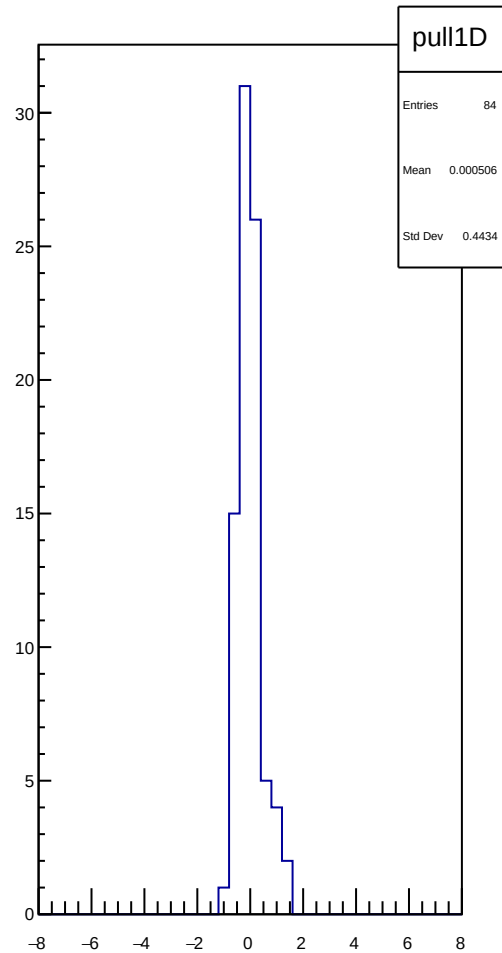
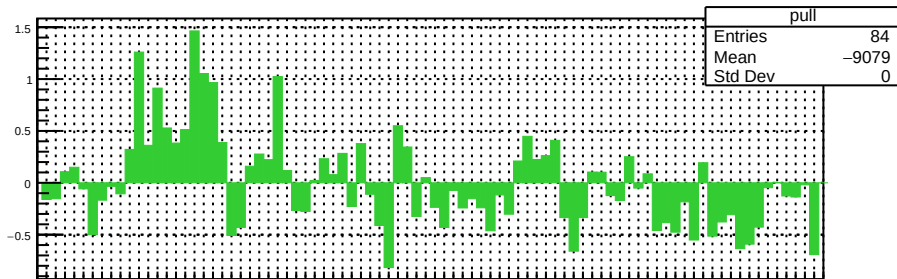
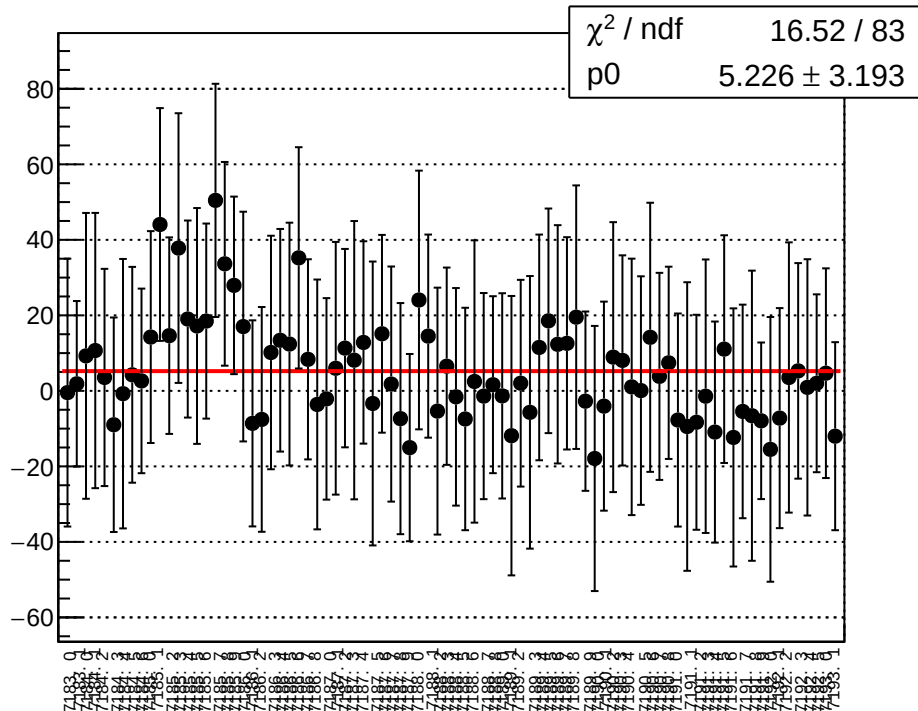
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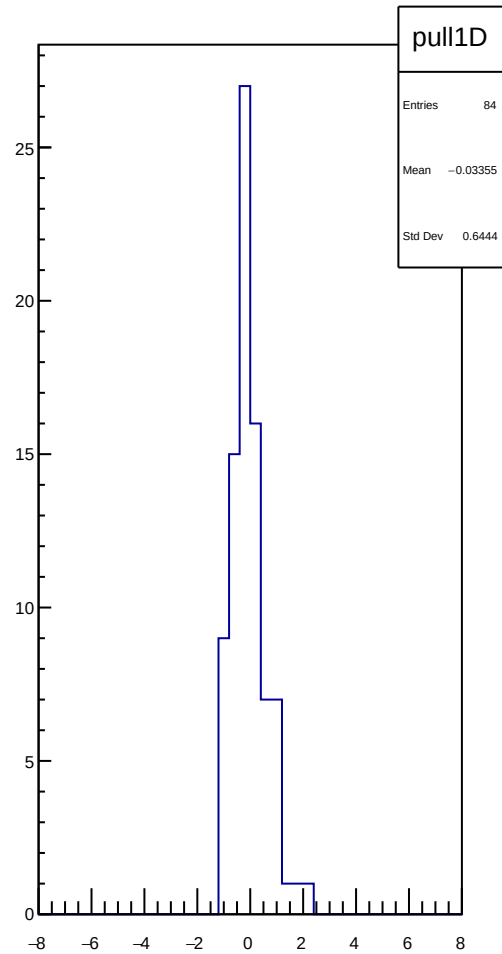
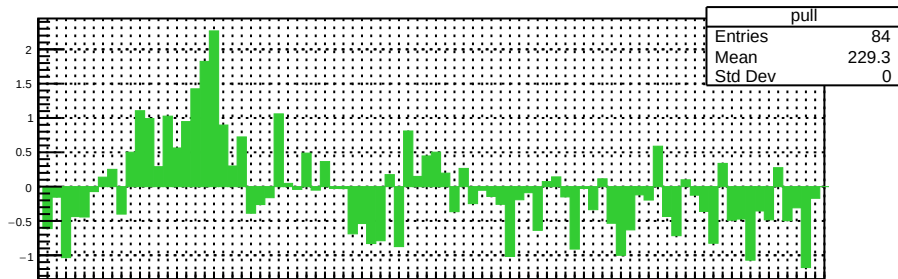
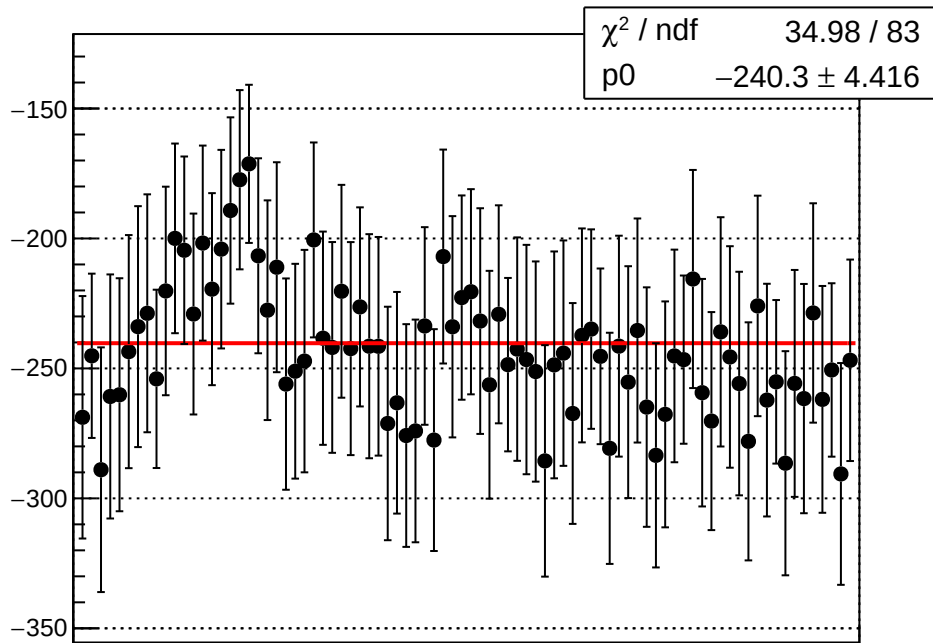
reg_asym_atl1r2_dd_atl2r1_dd_diff_bpm1X_slope vs run



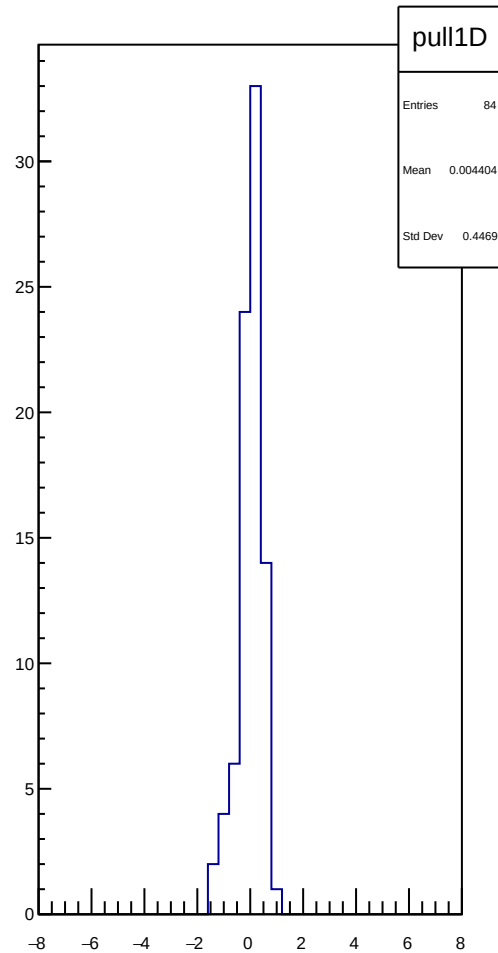
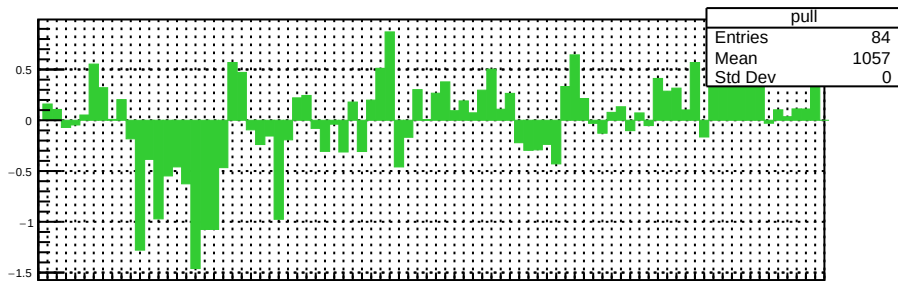
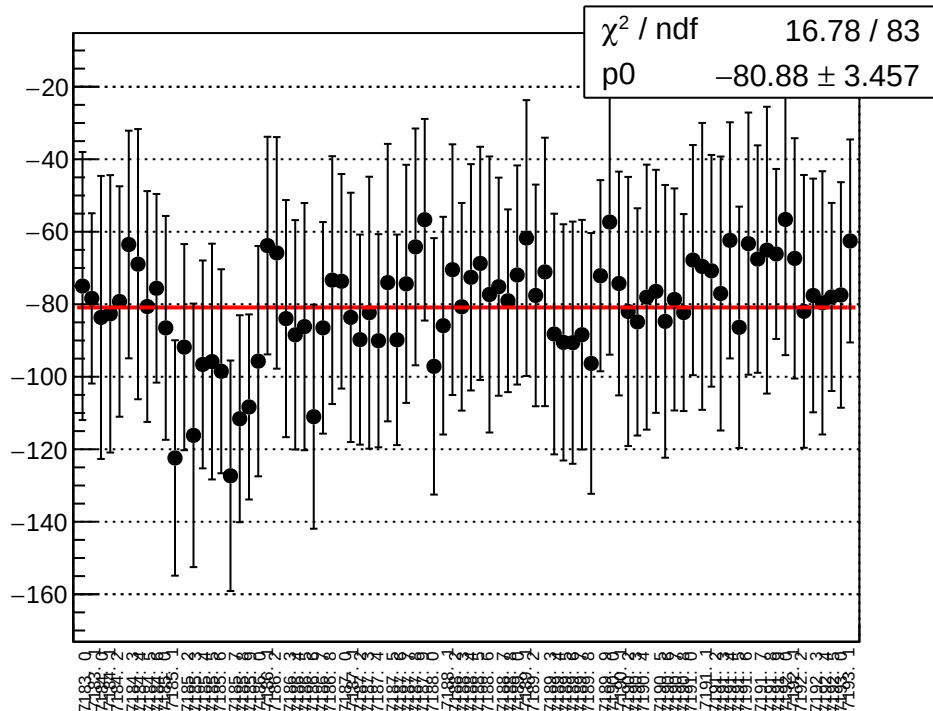
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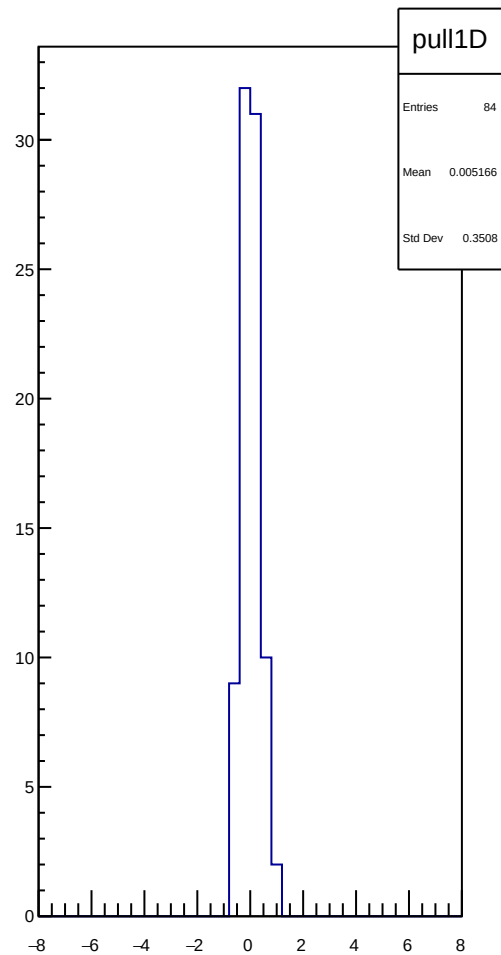
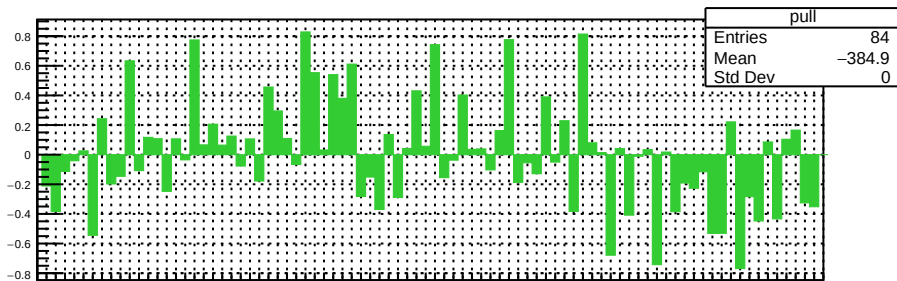
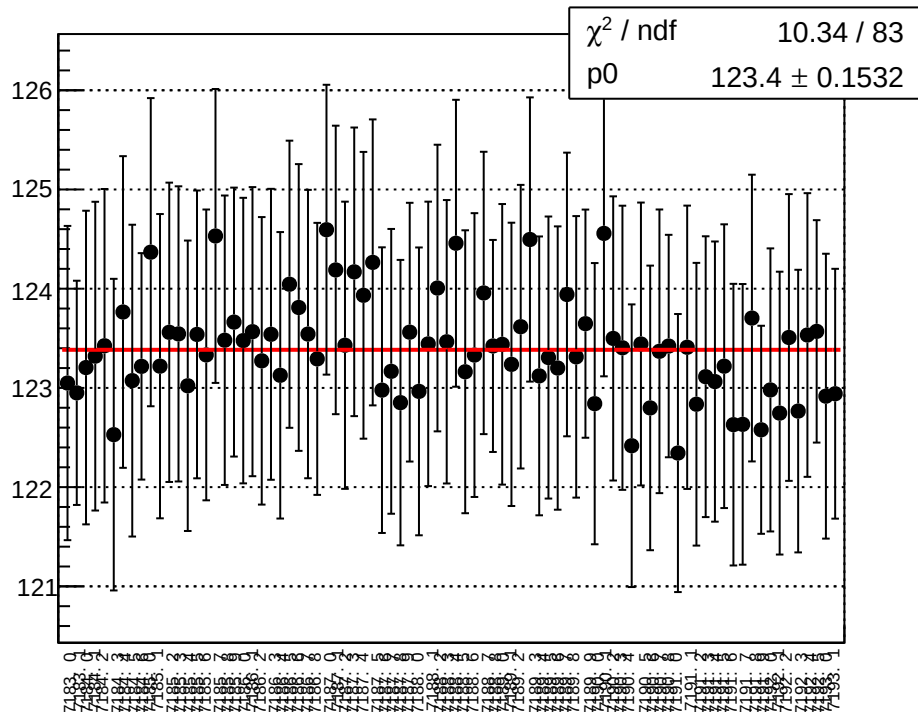
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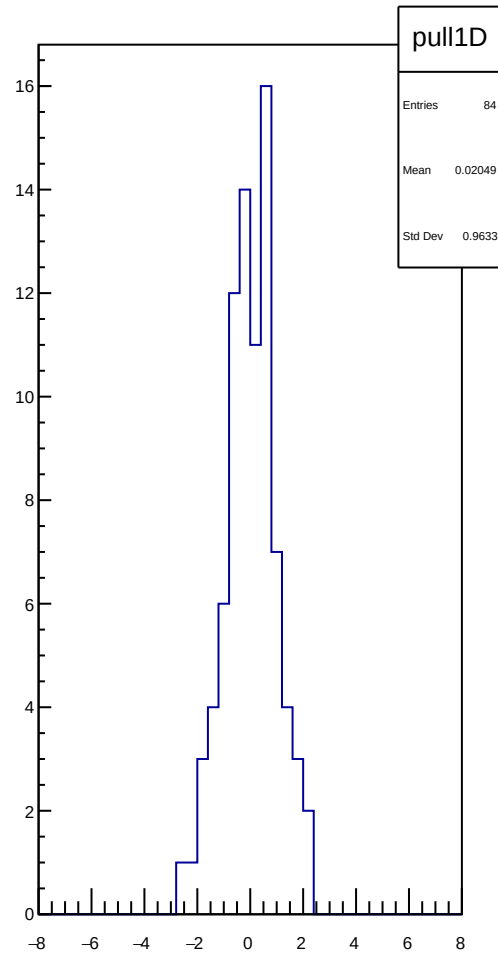
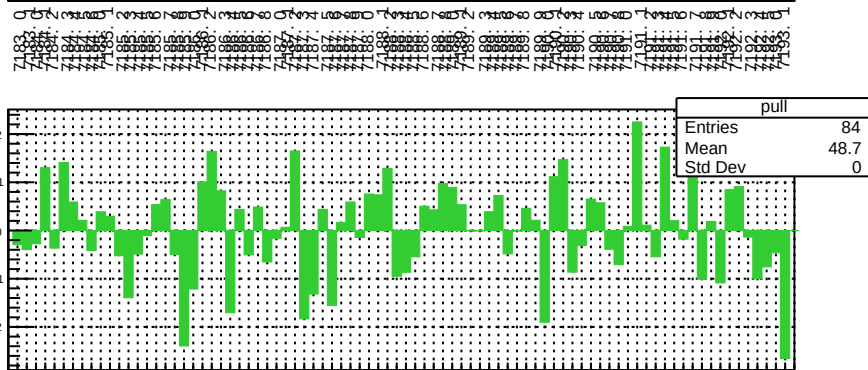
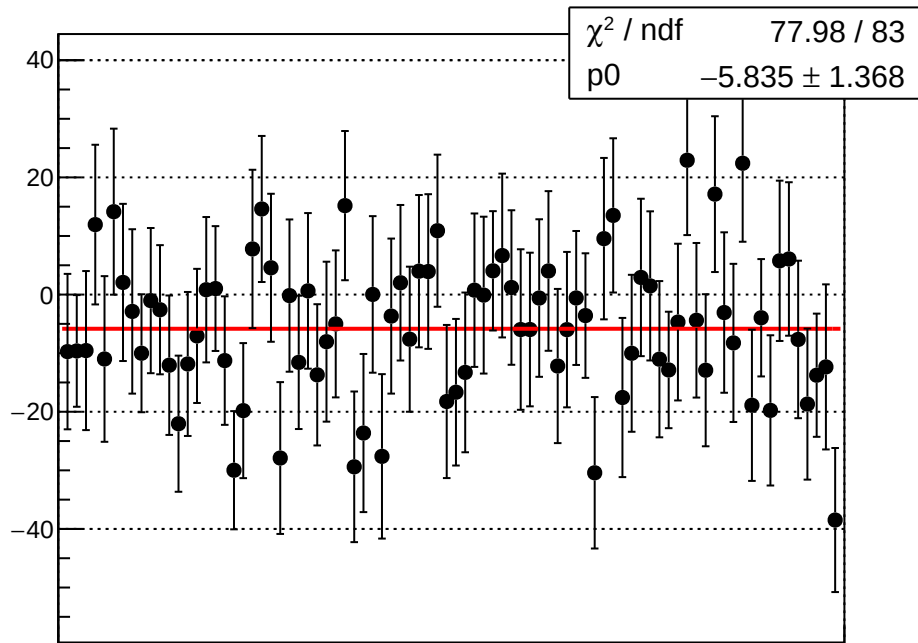
reg_asym_atl1r2_dd_atl2r1_dd_diff_bpm4eY_slope vs run

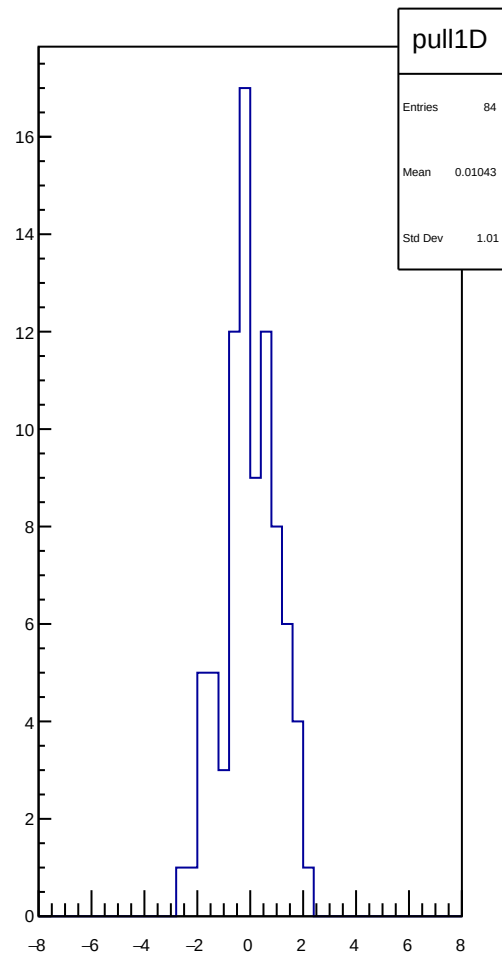
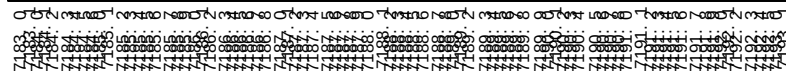
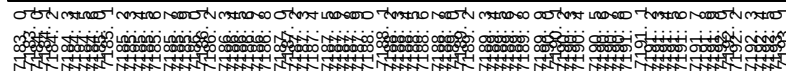


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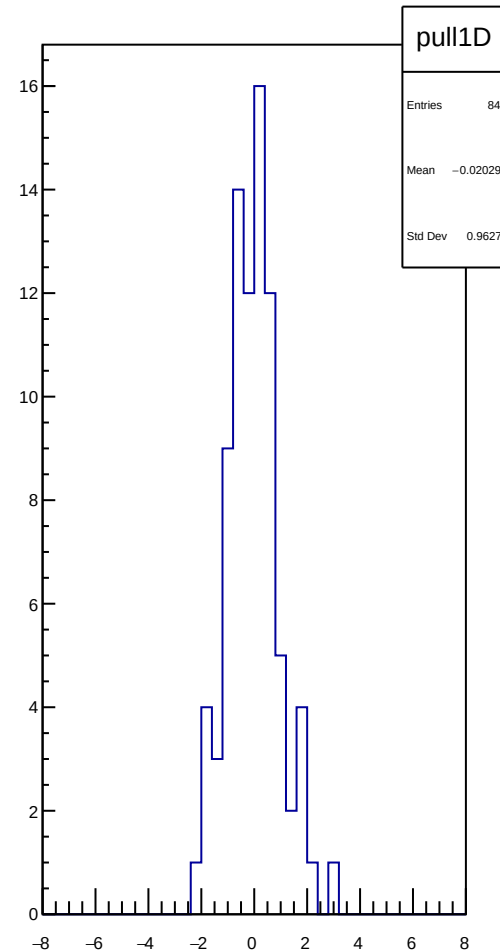
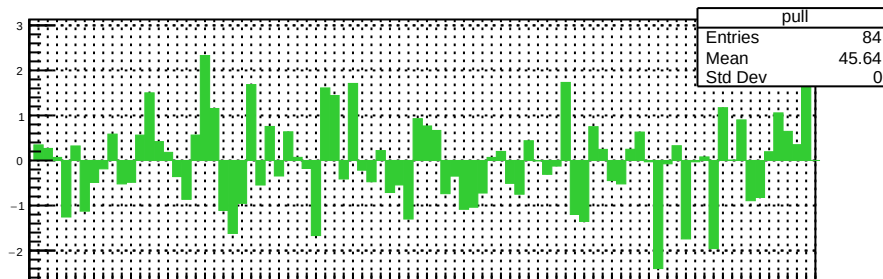
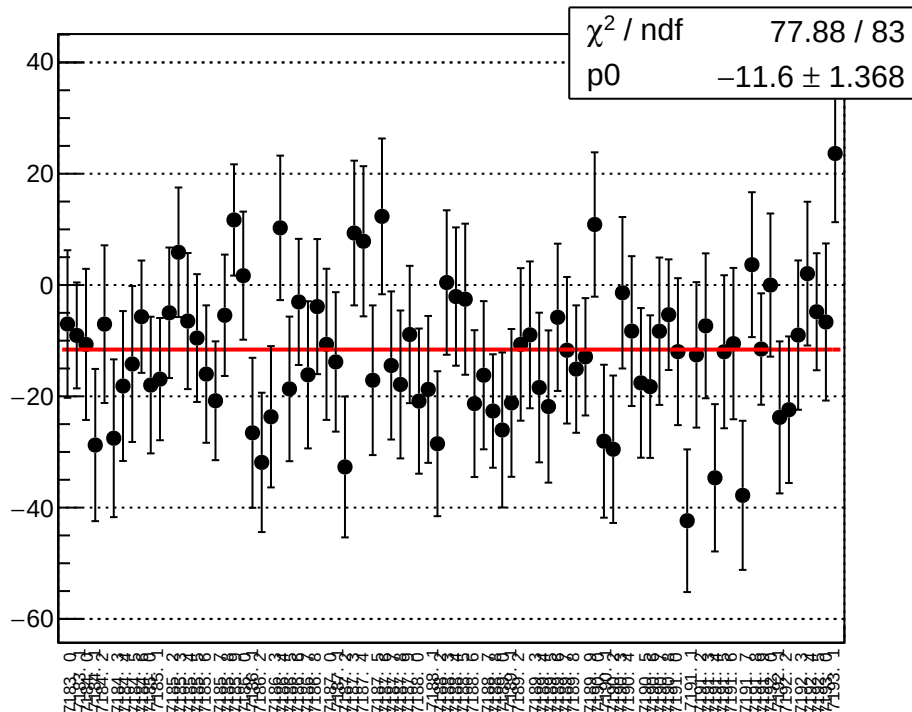


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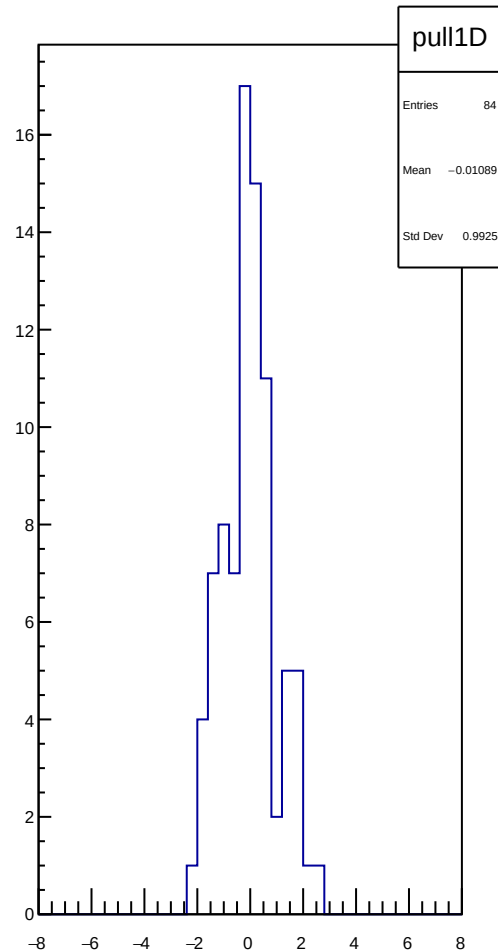
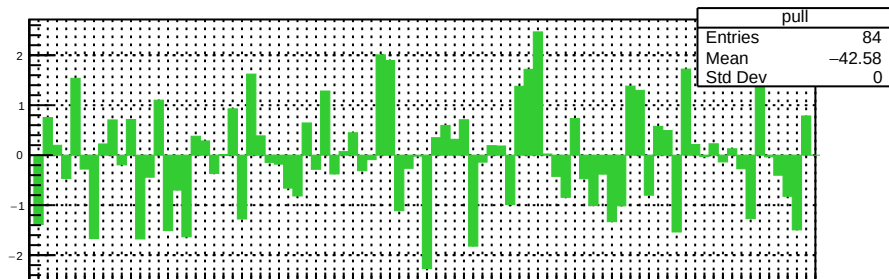
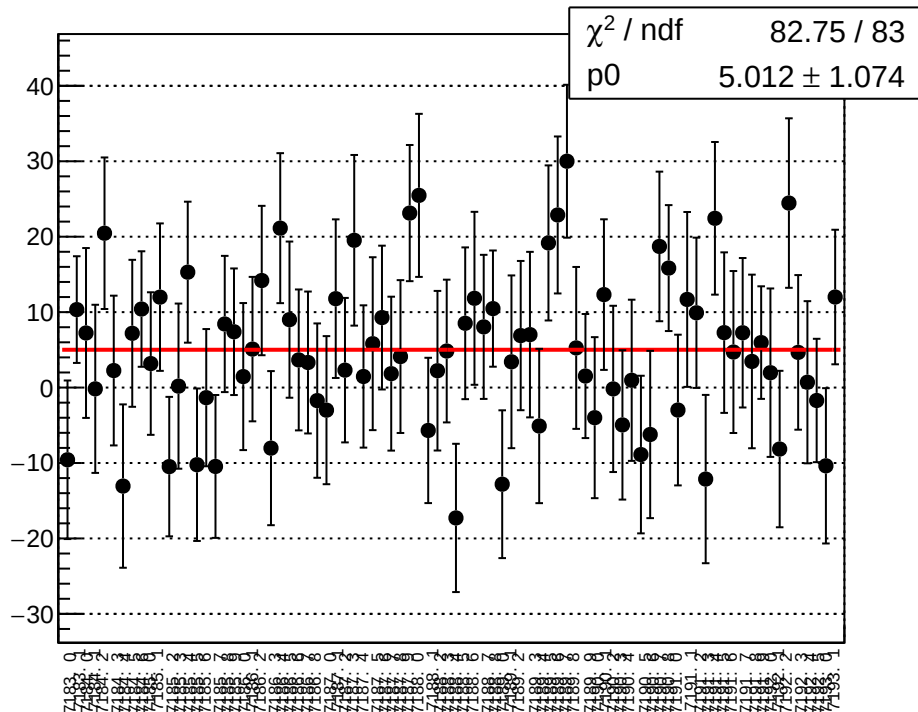


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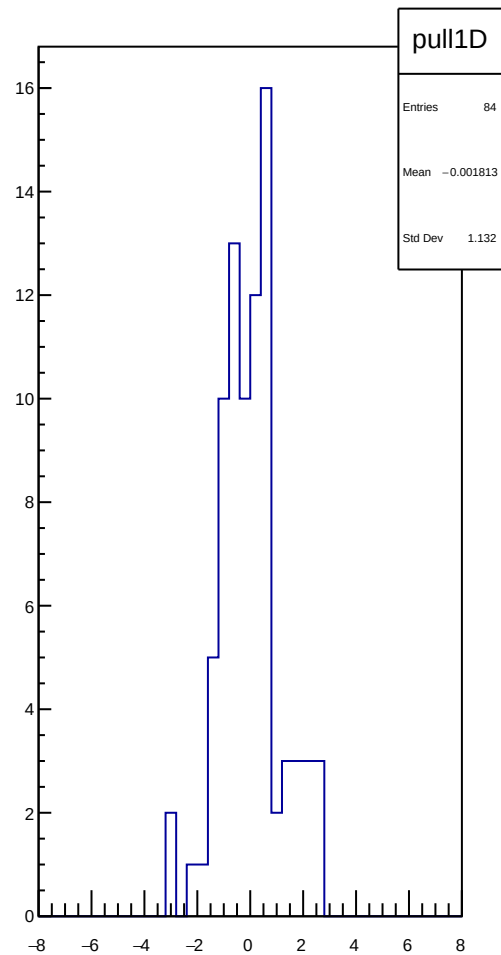
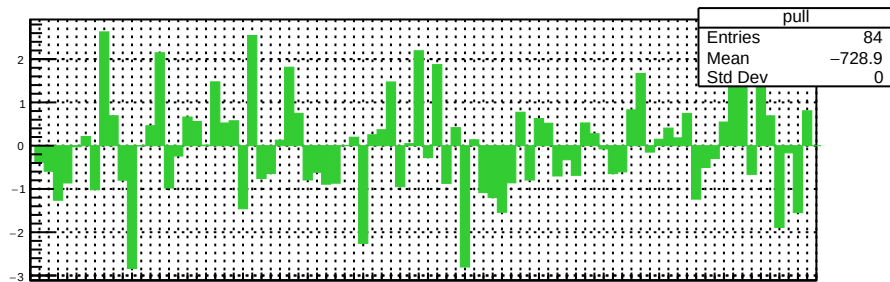
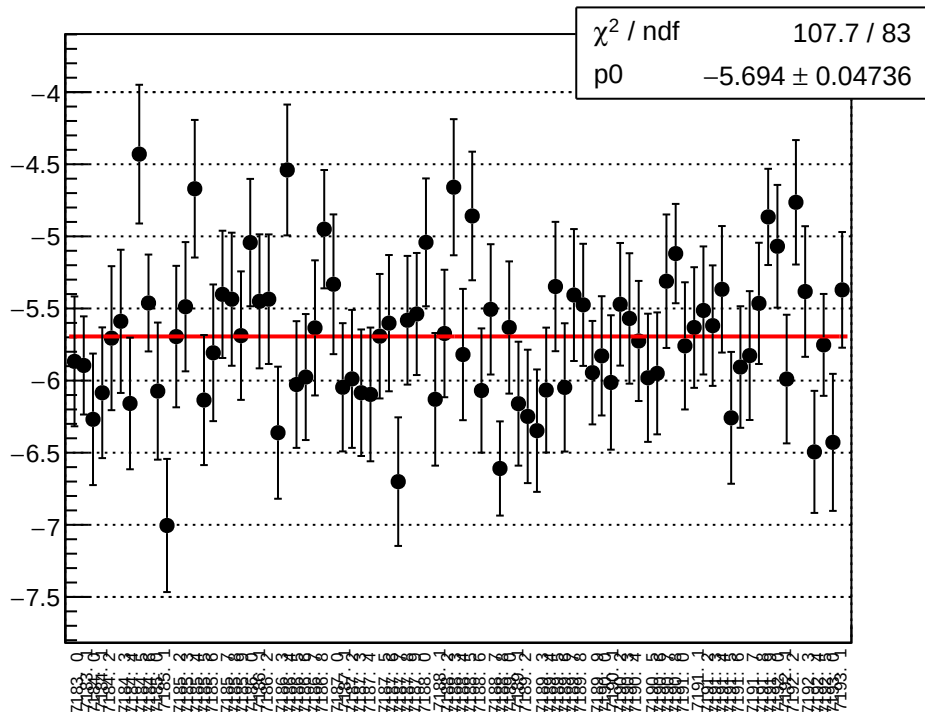
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs run



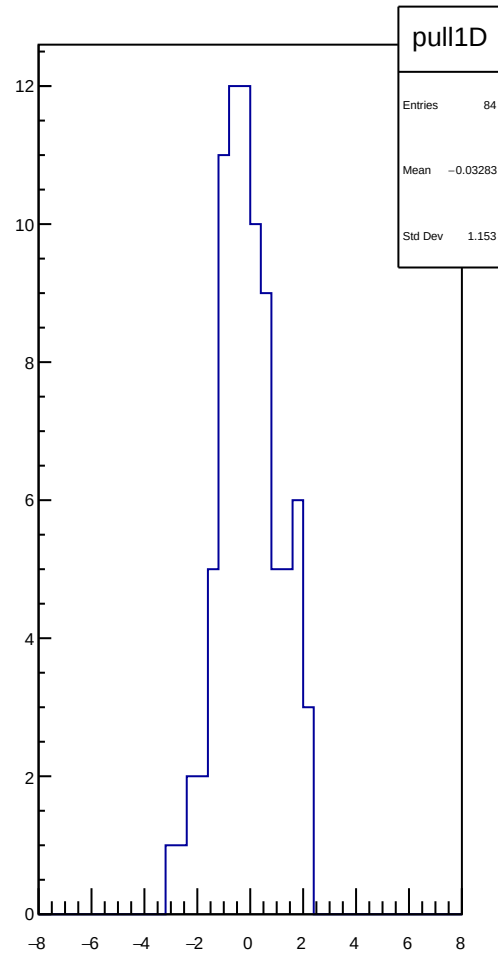
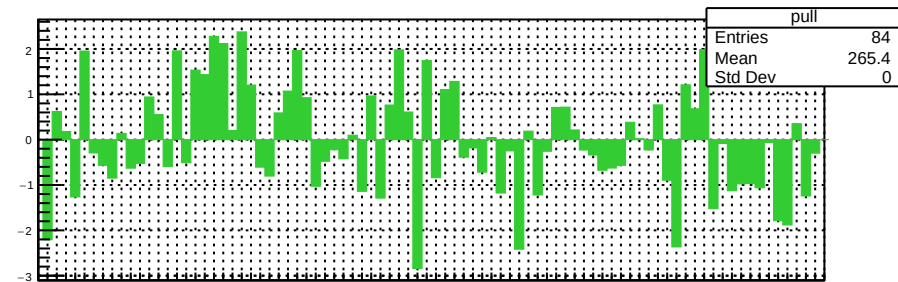
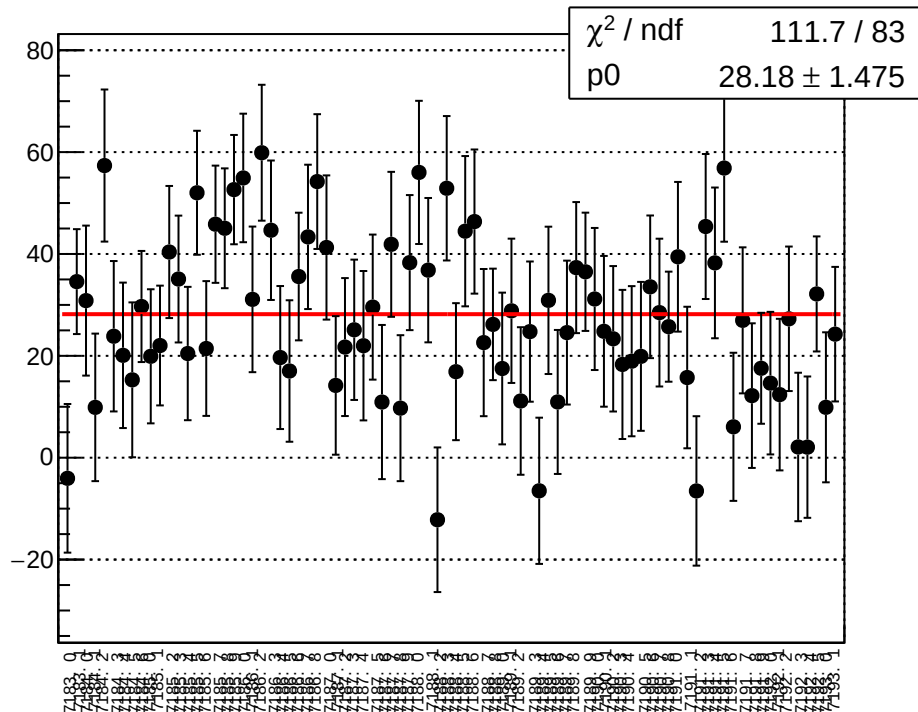
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs run



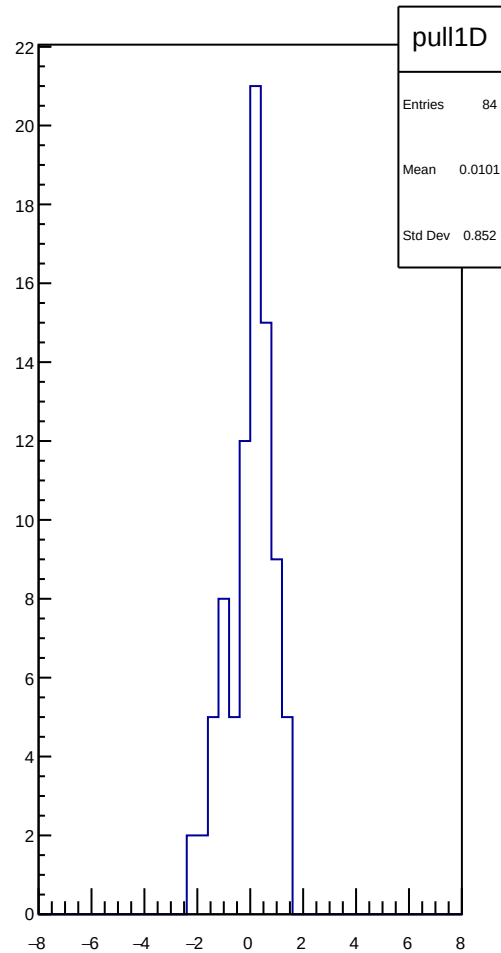
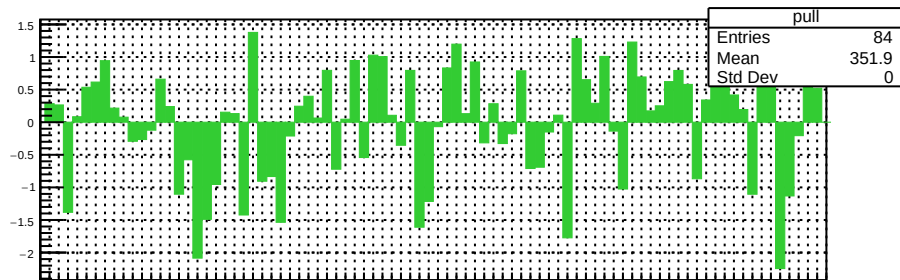
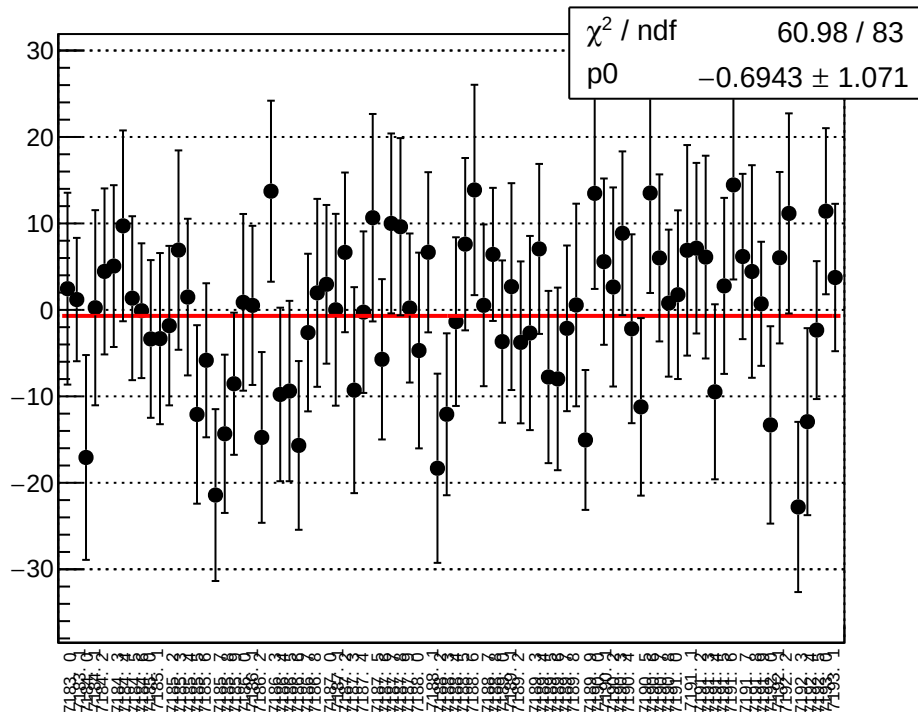
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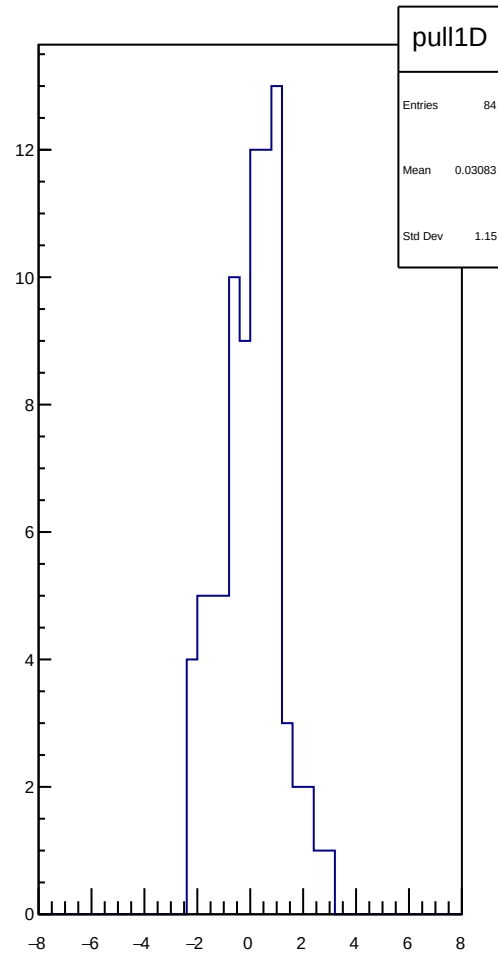
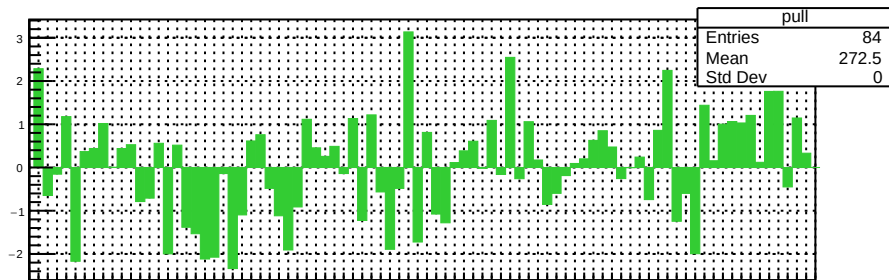
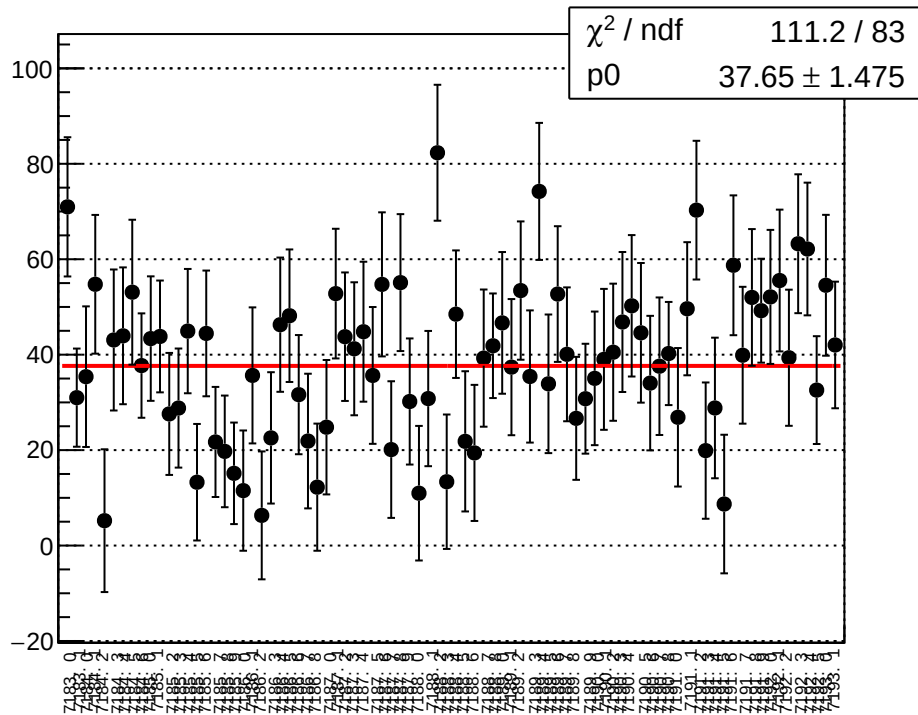
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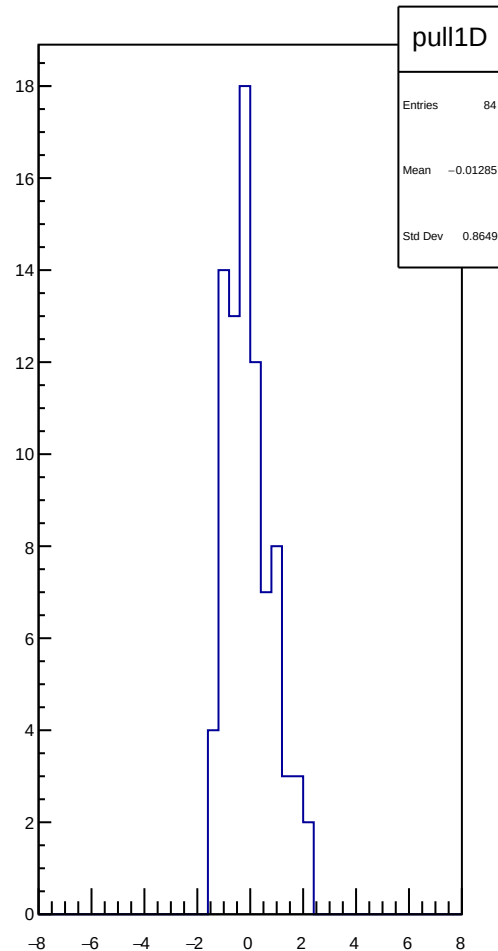
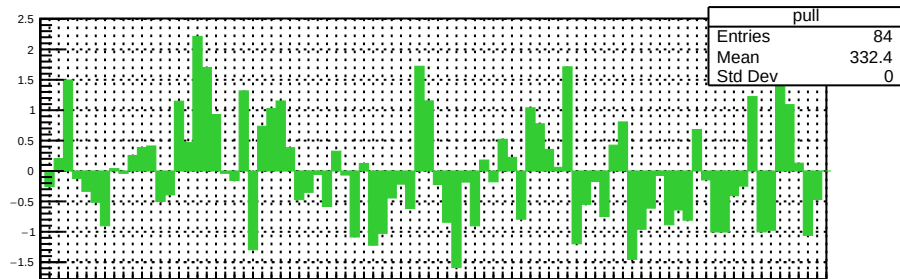
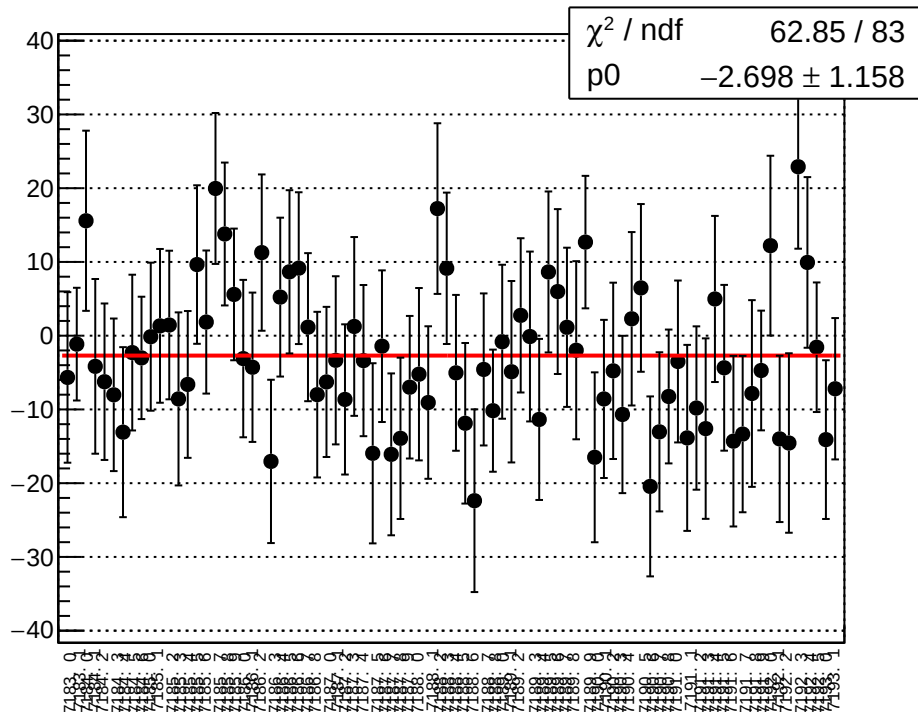
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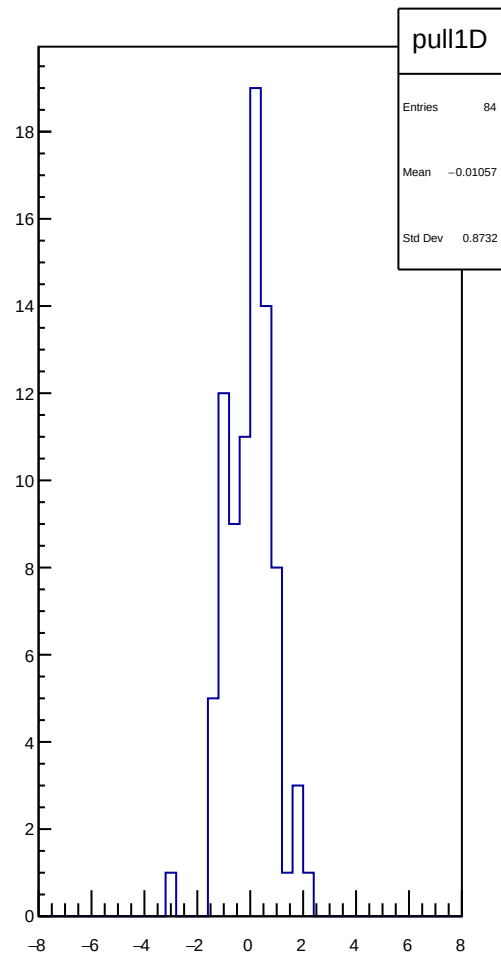
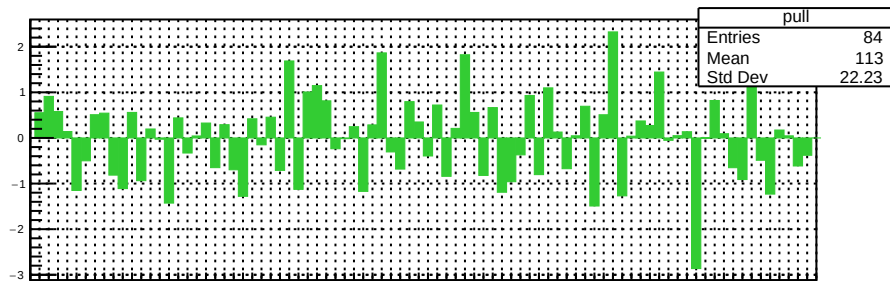
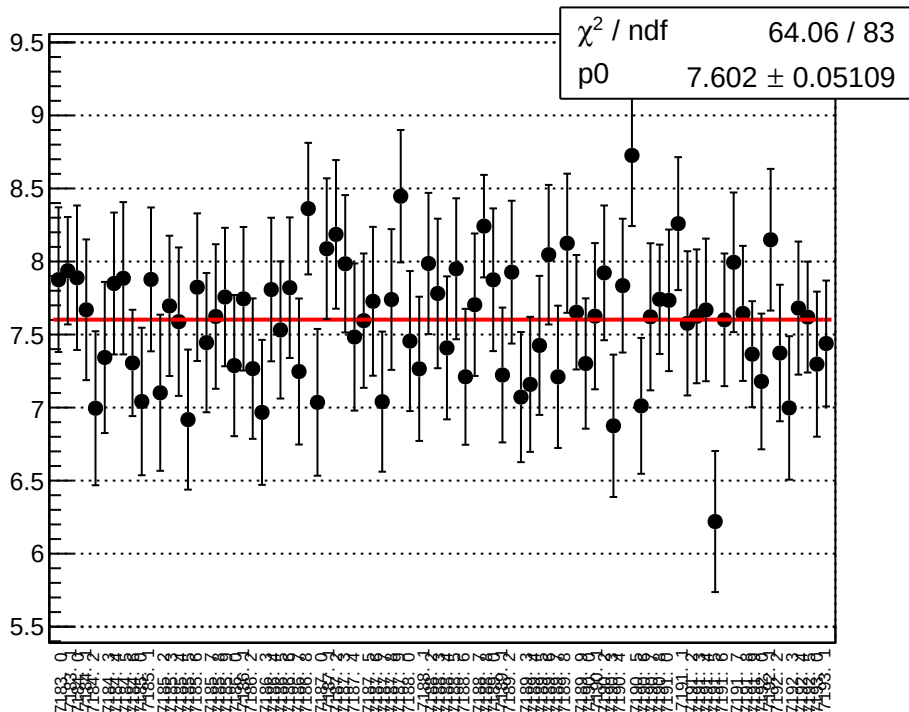
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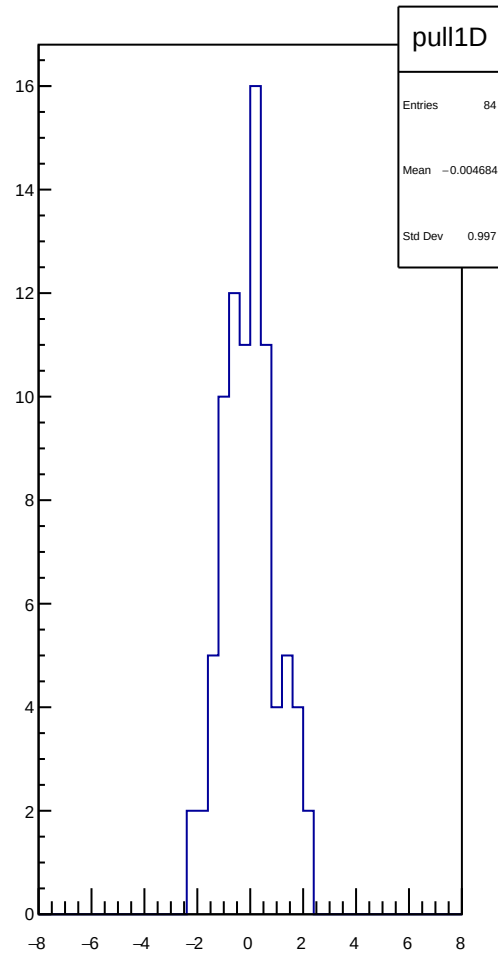
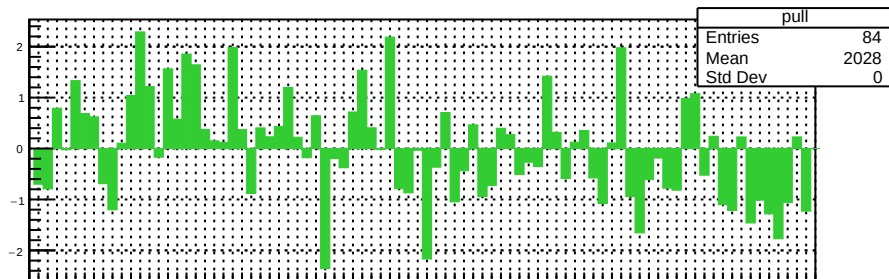
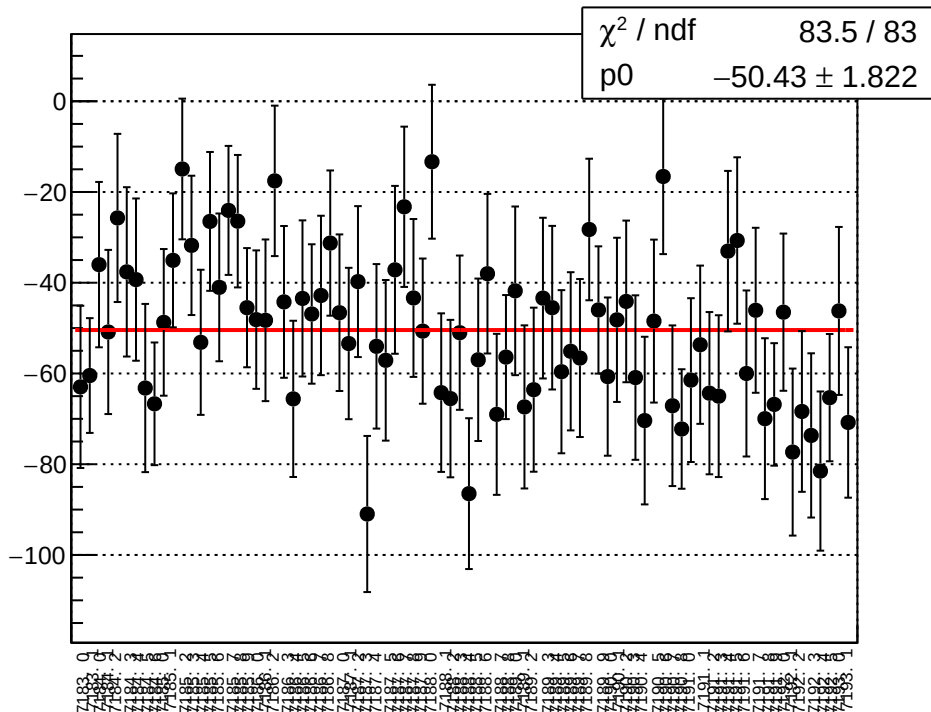
reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs run



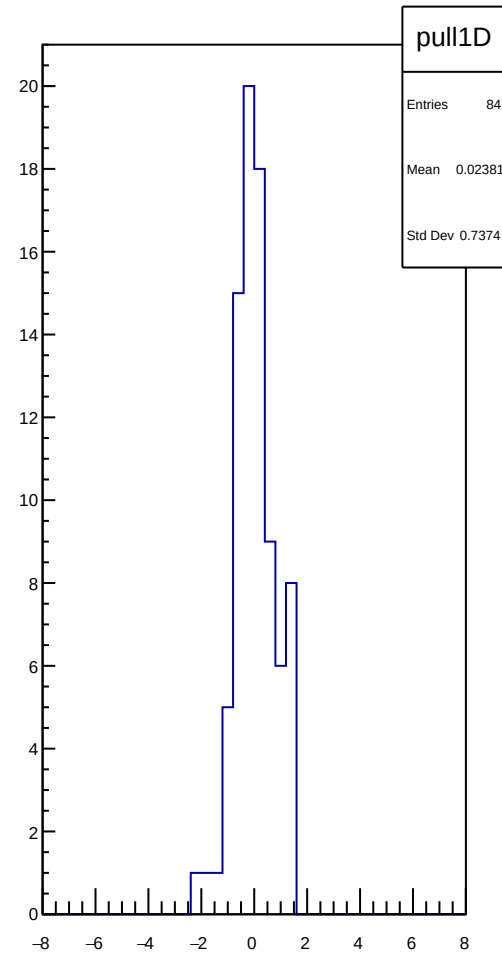
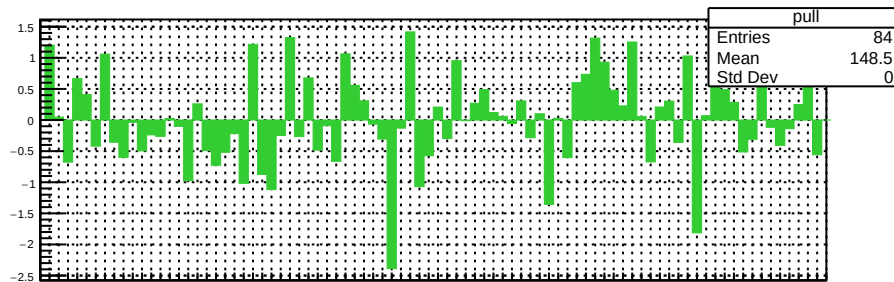
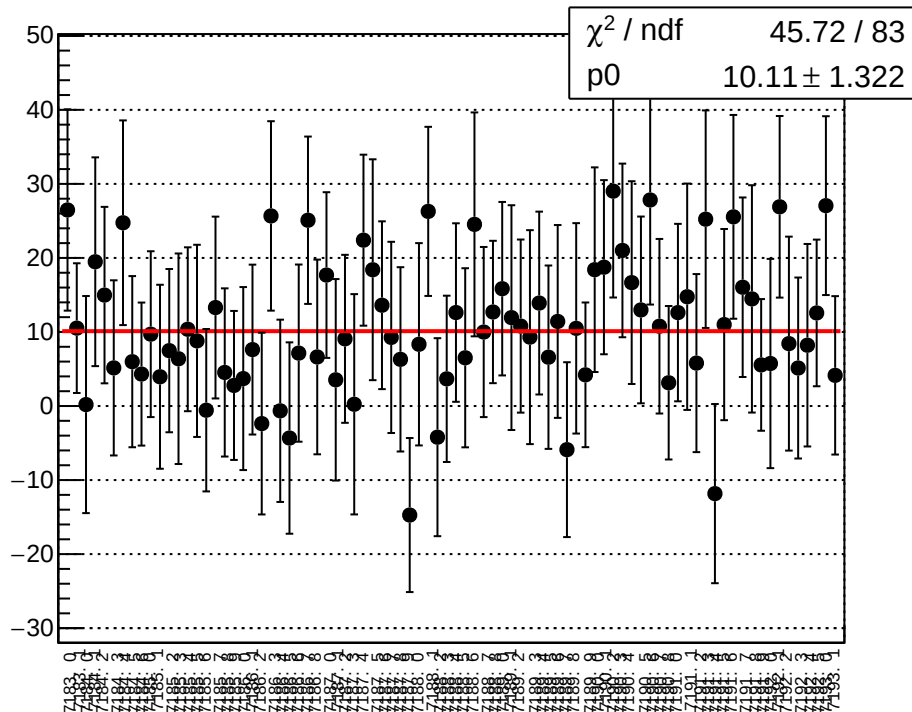
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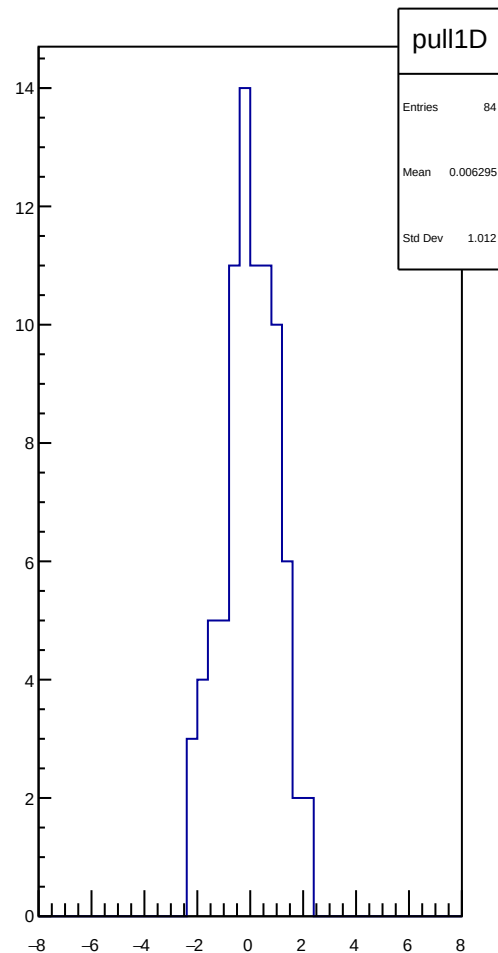
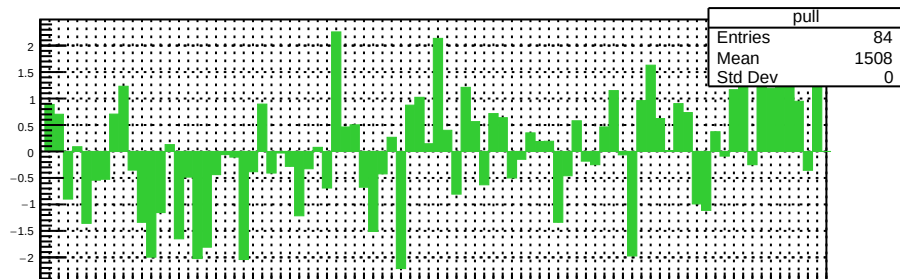
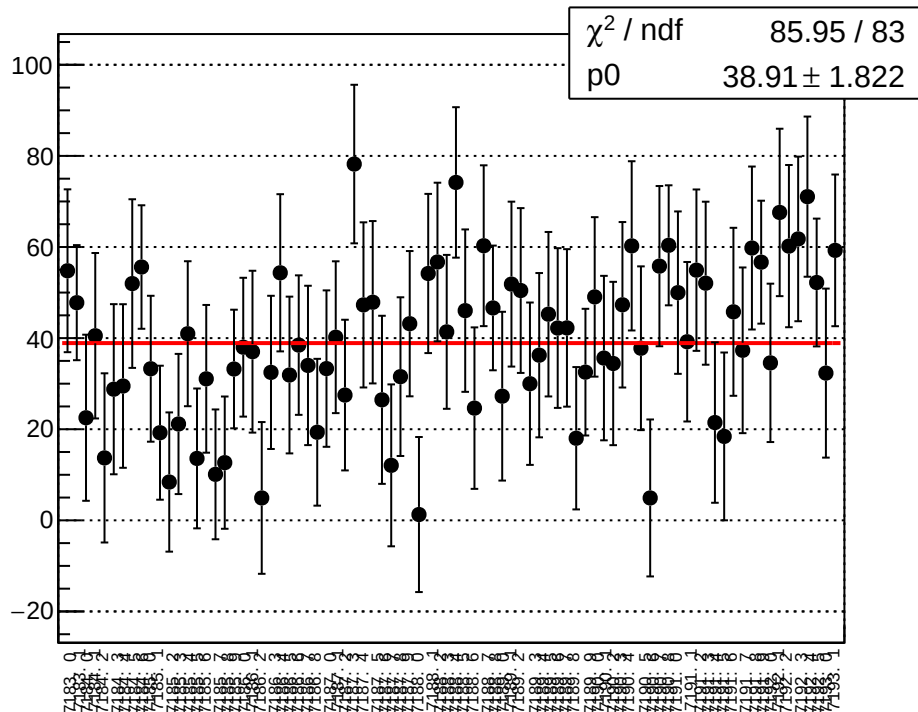
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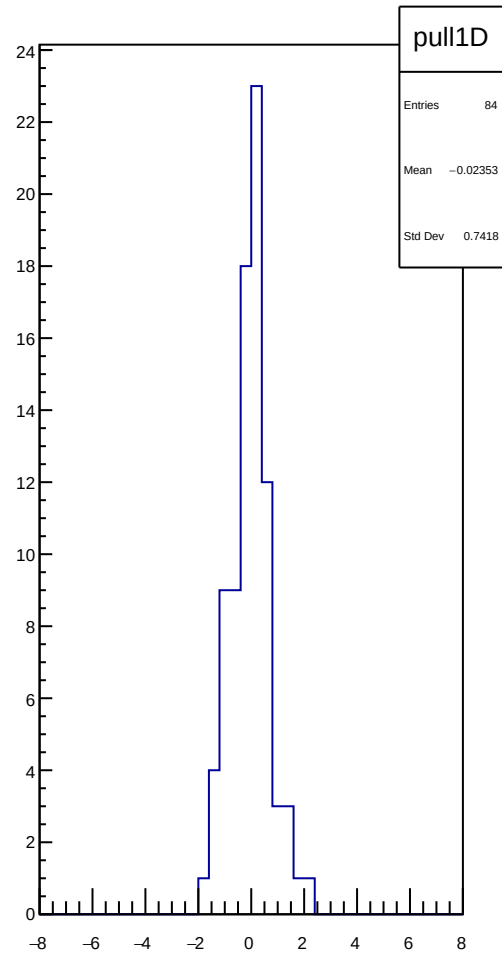
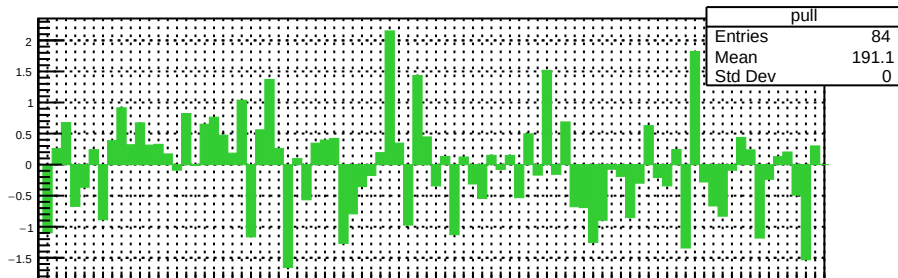
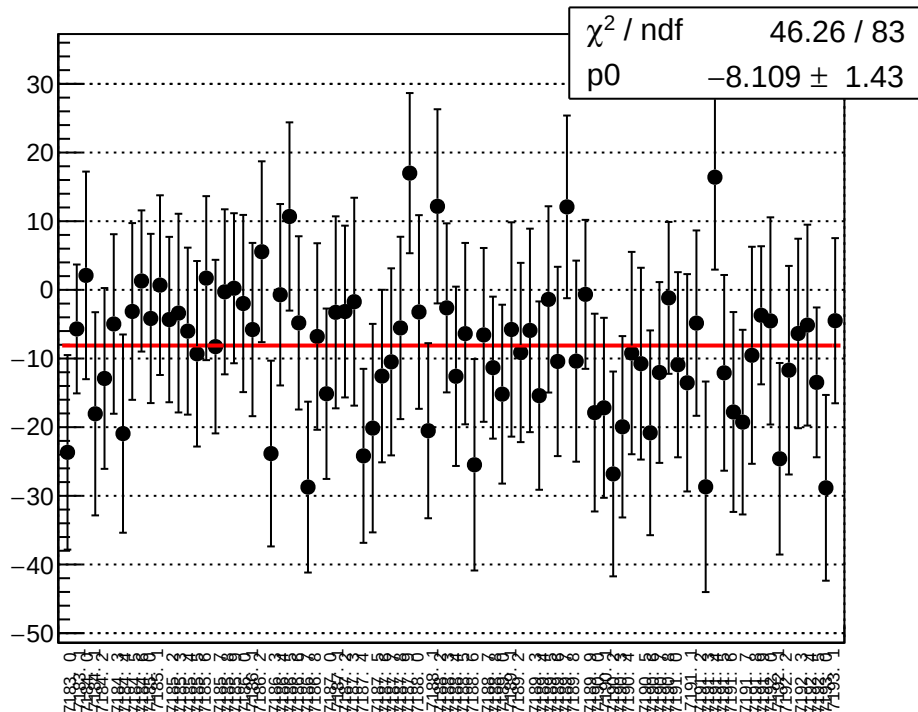
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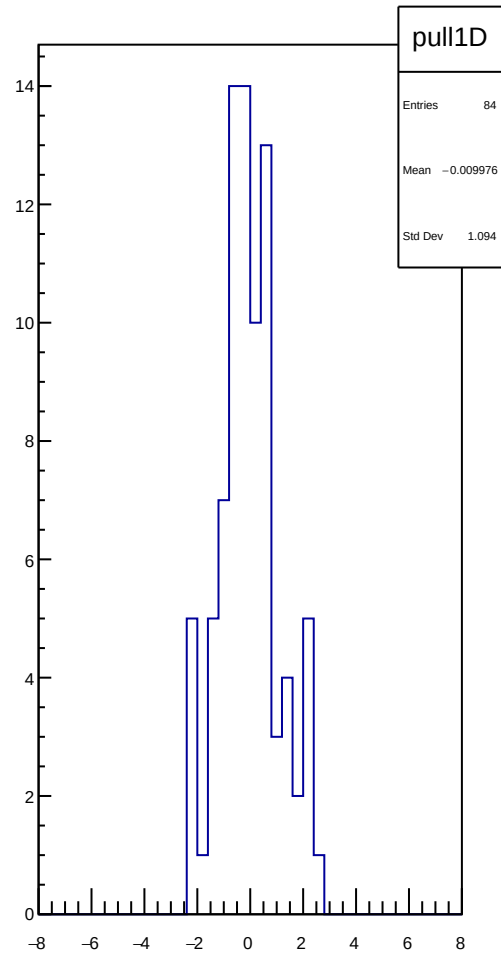
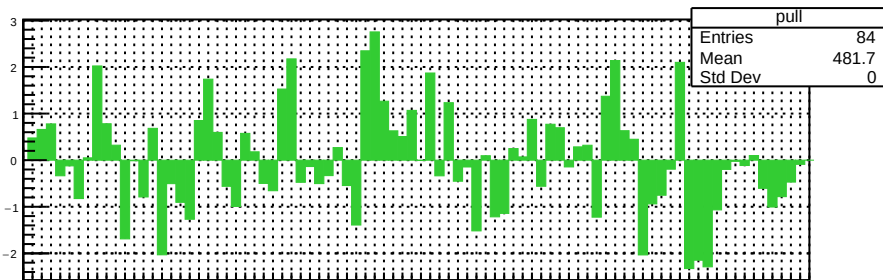
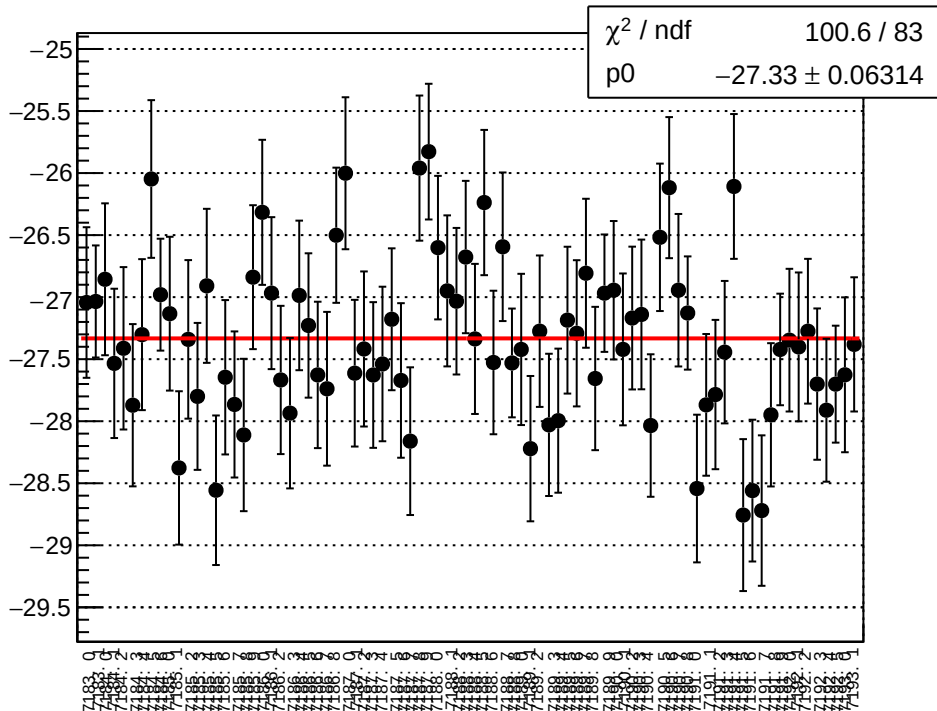
reg_asym_usl_atl1_avg_diff_bpm4ex_slope vs run



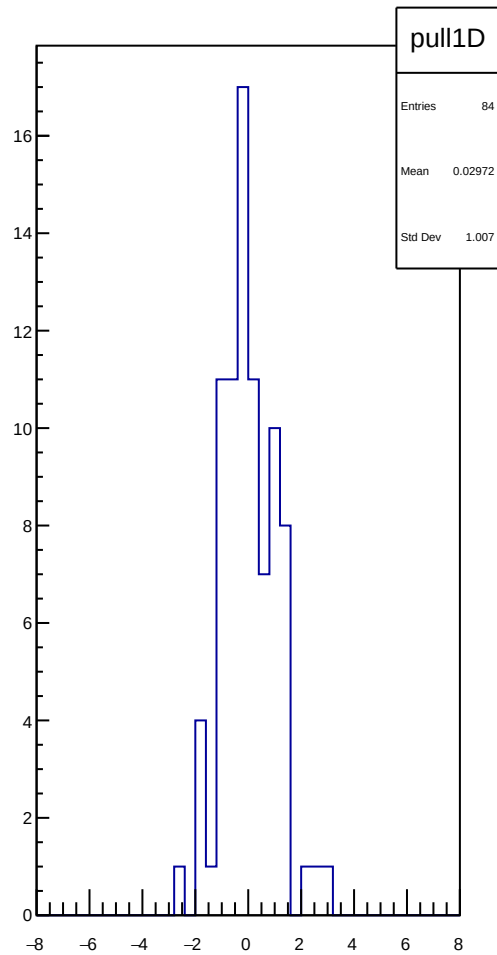
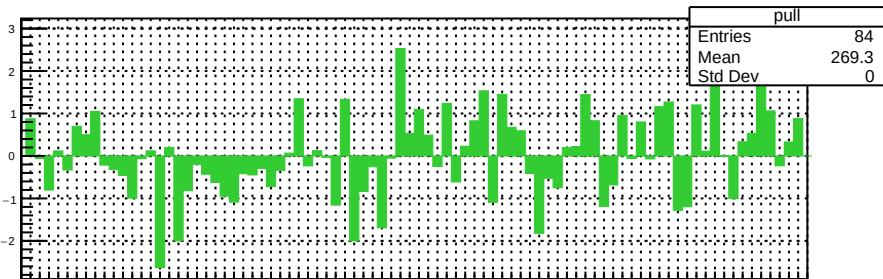
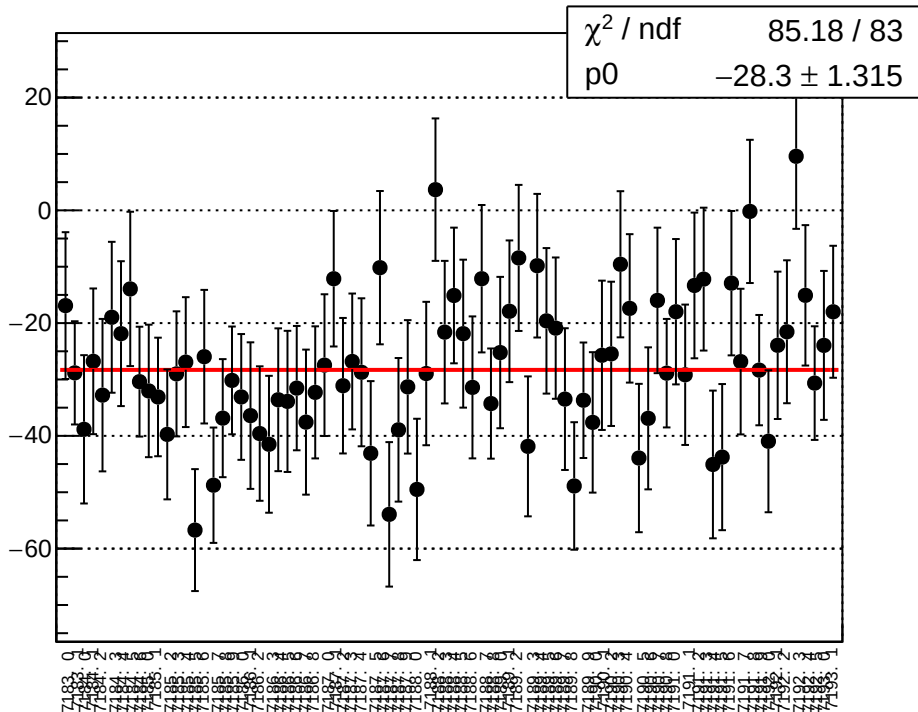
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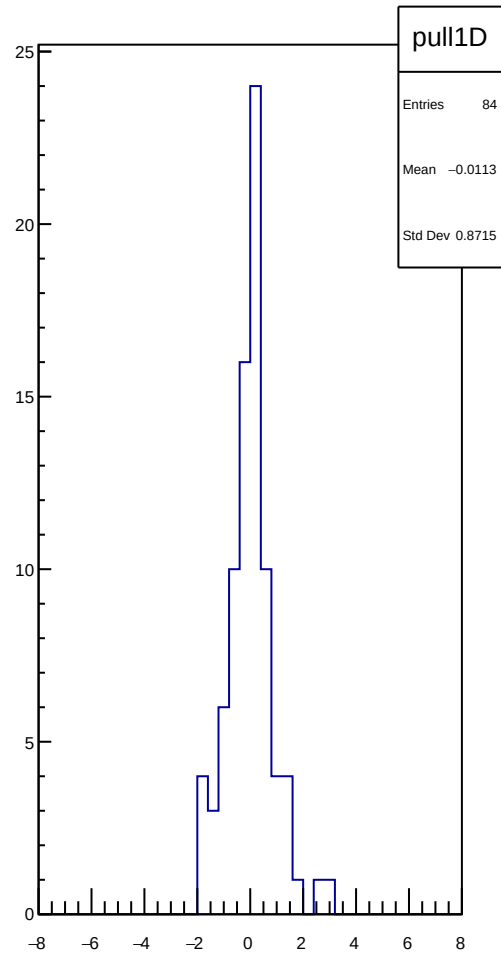
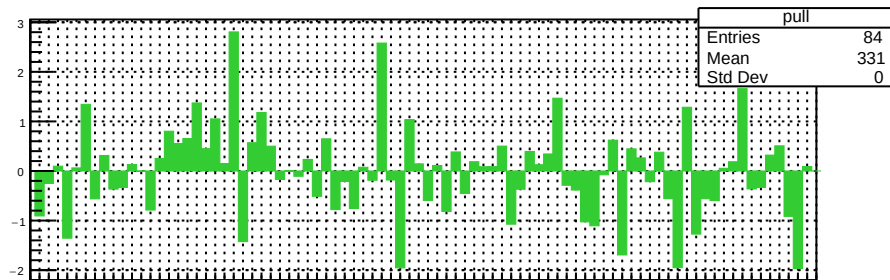
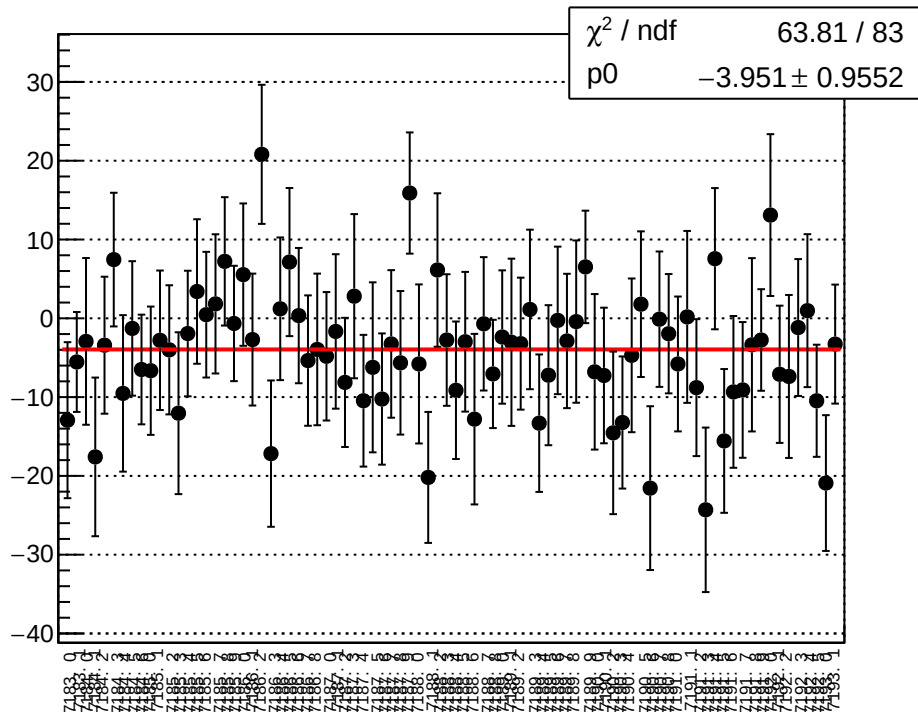
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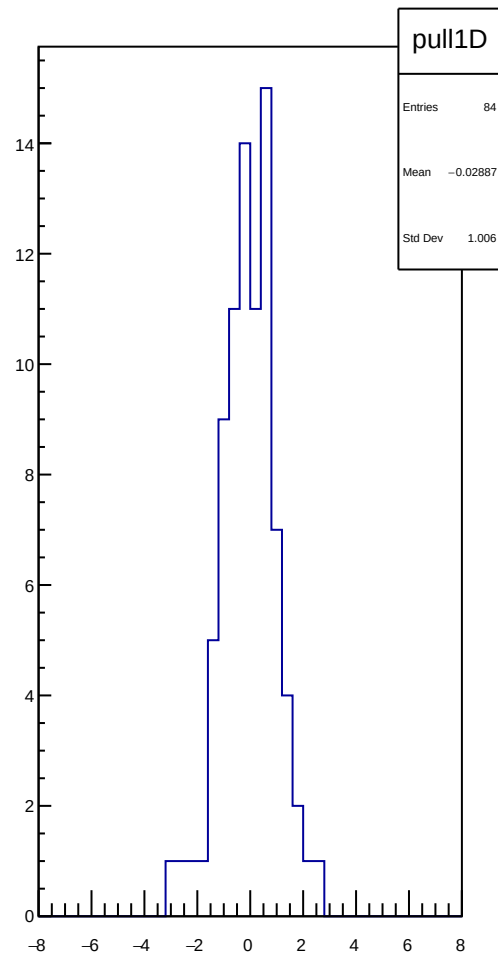
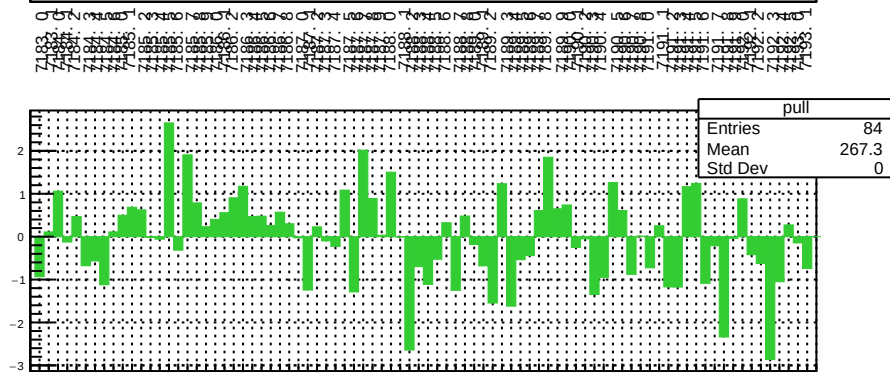
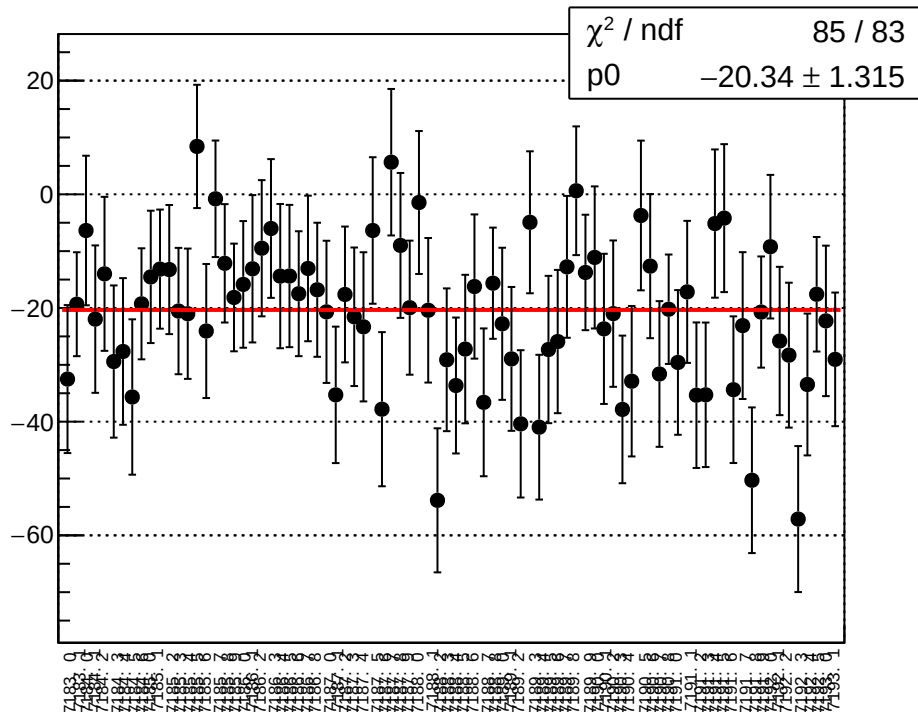
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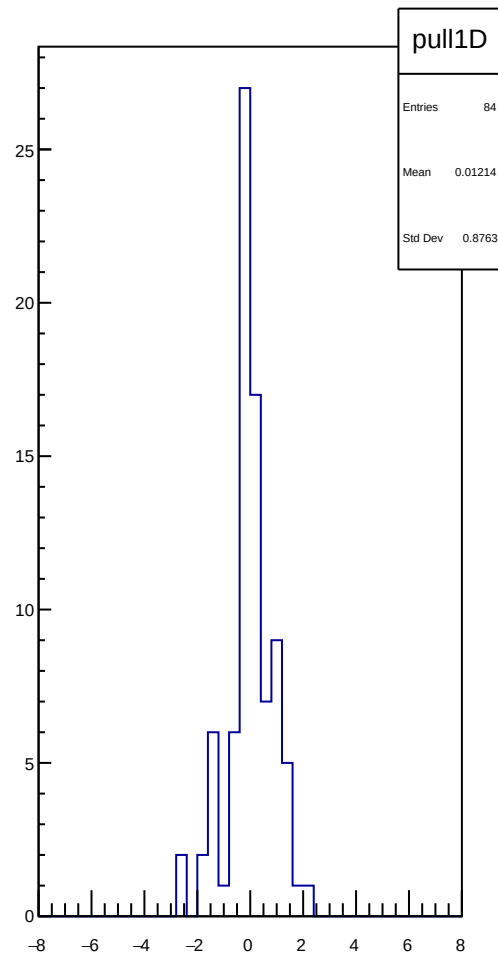
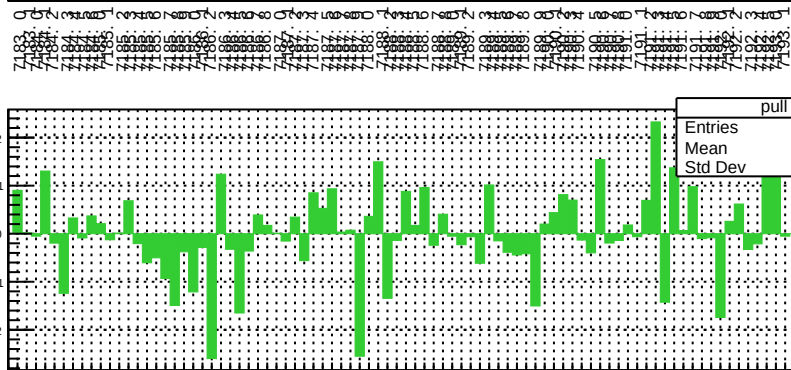
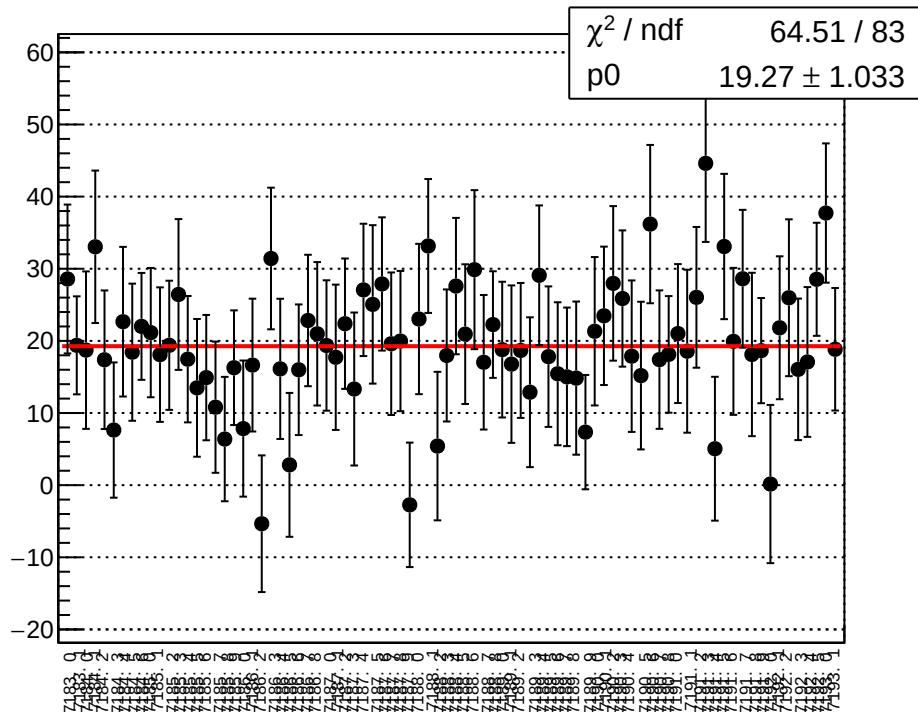
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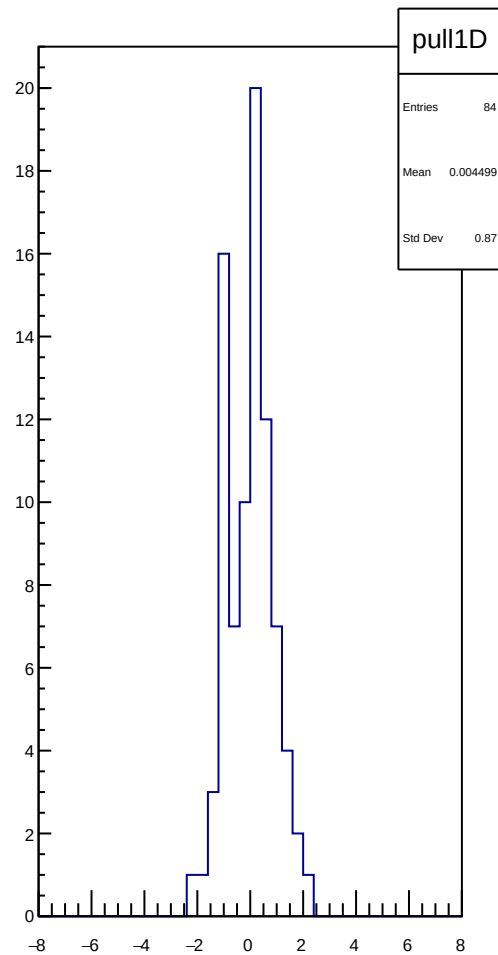
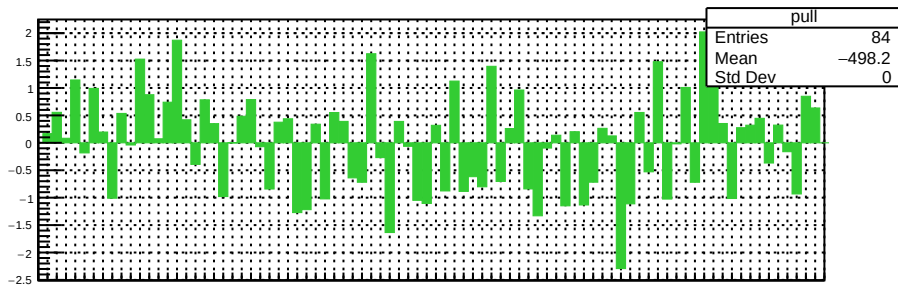
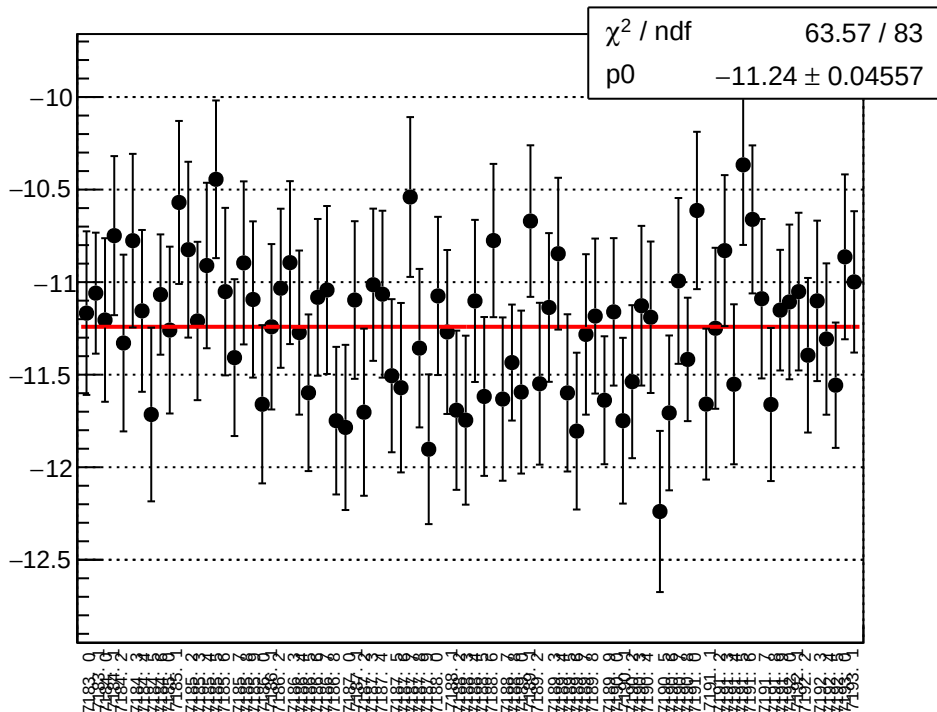
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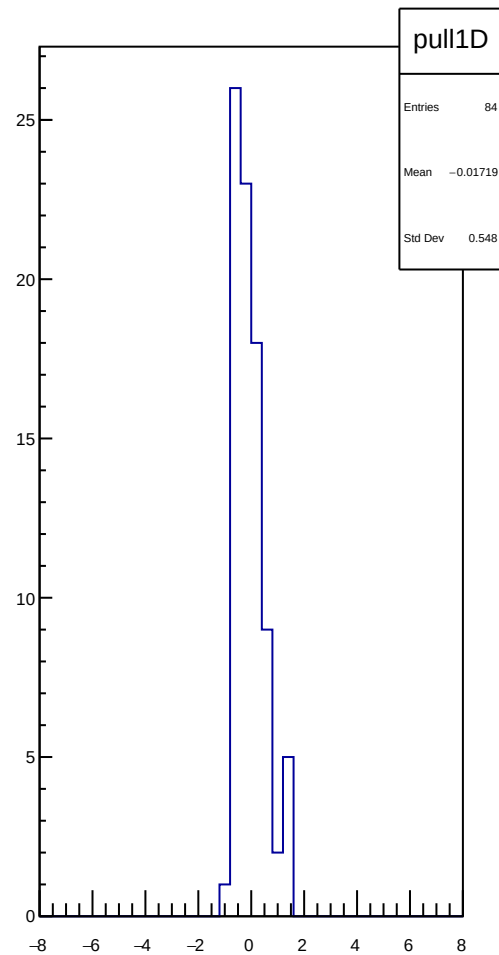
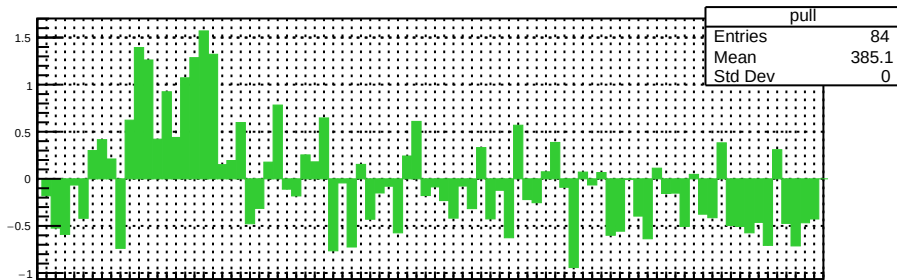
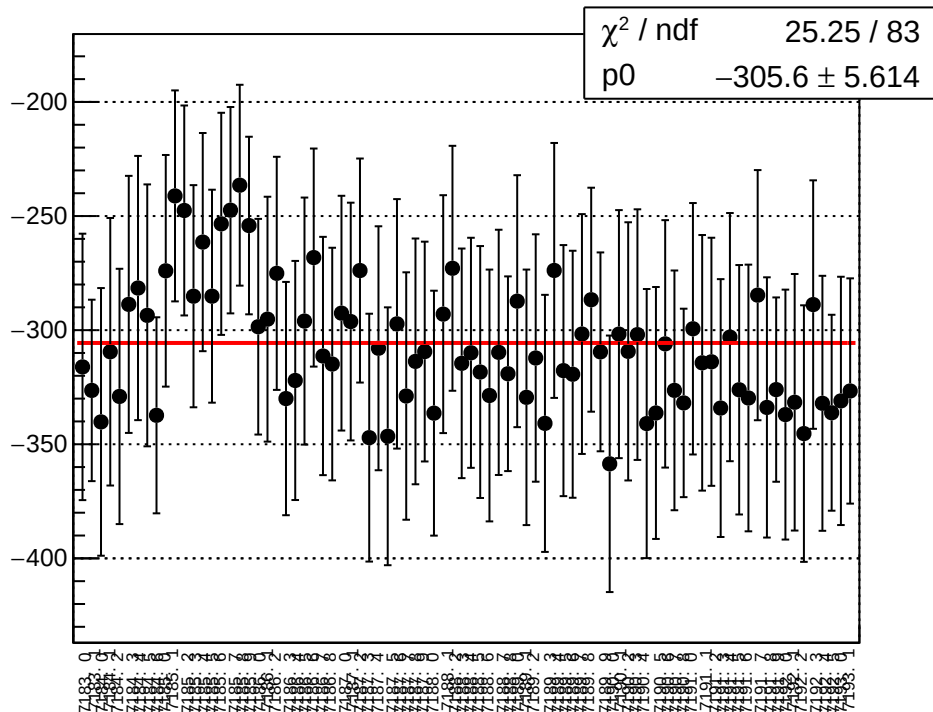
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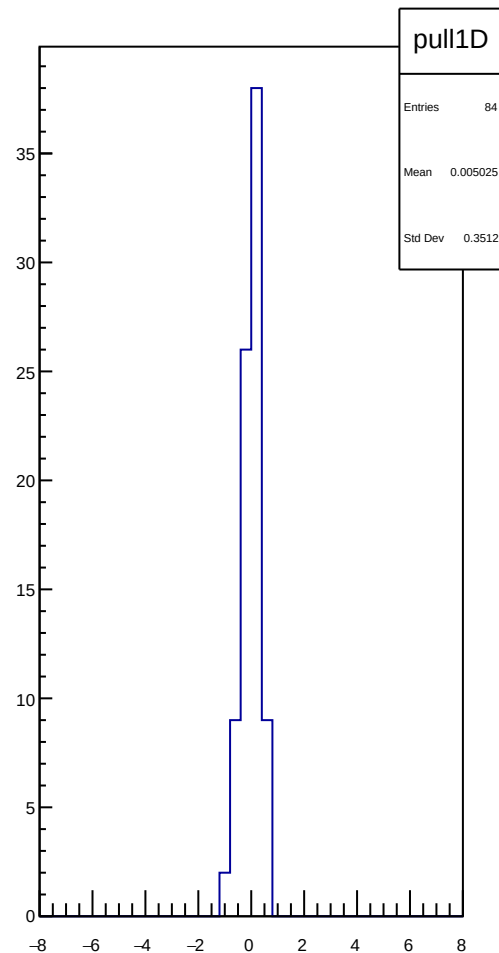
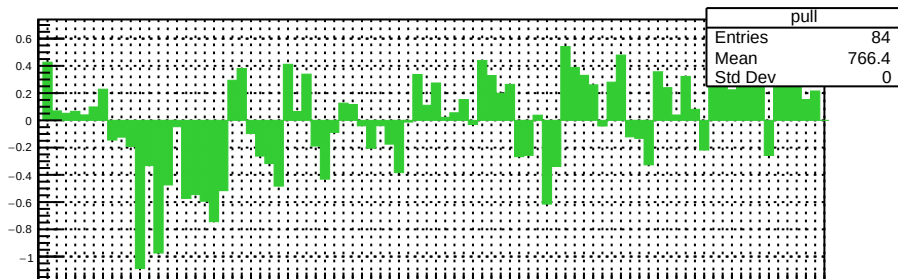
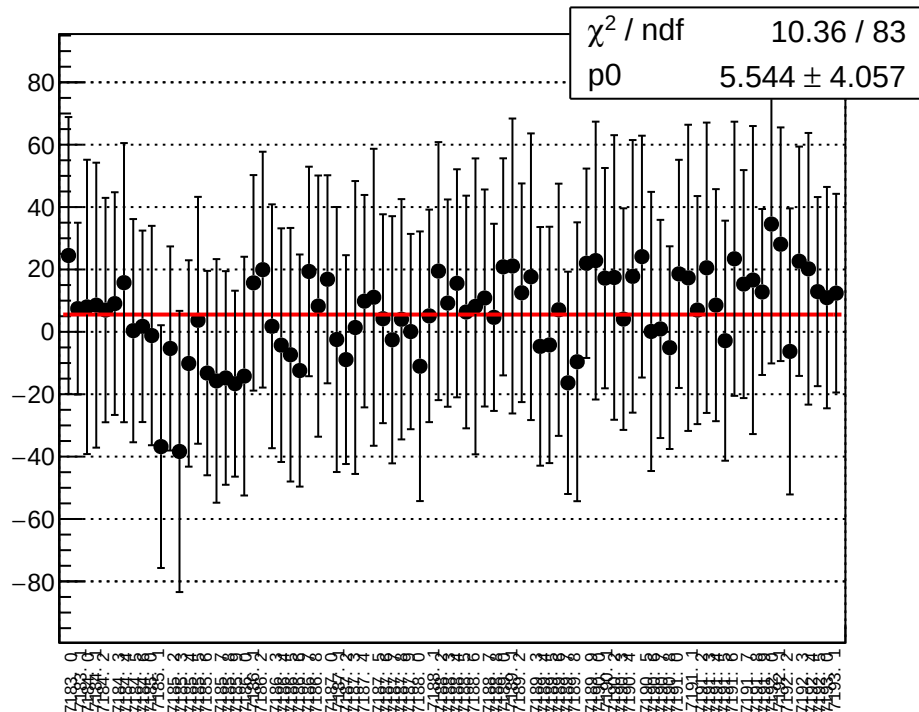
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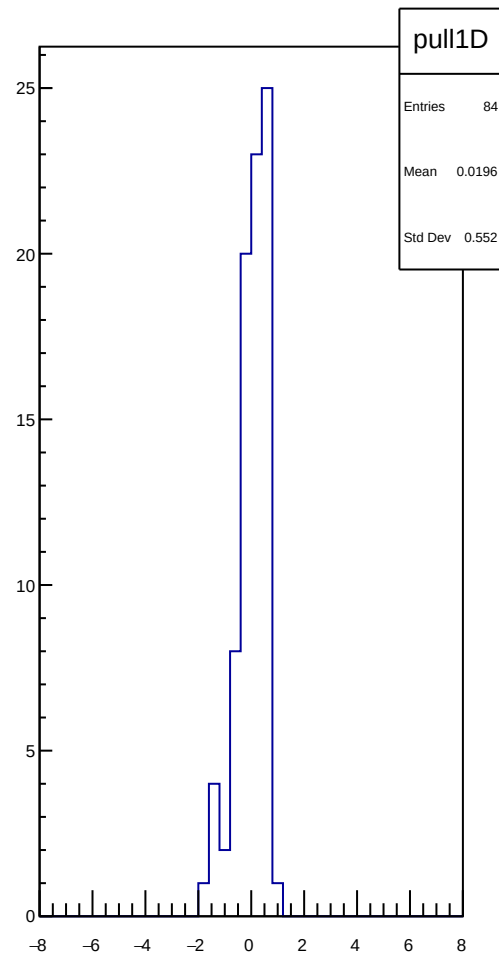
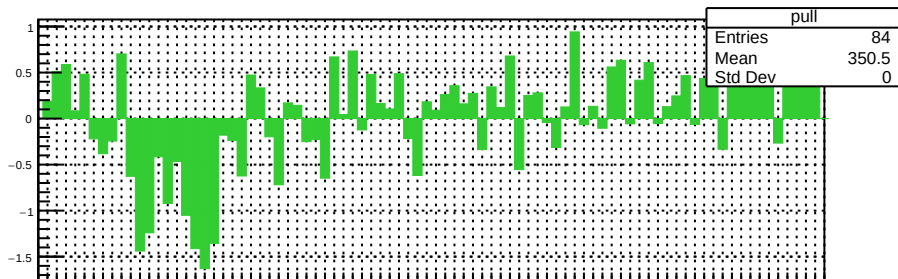
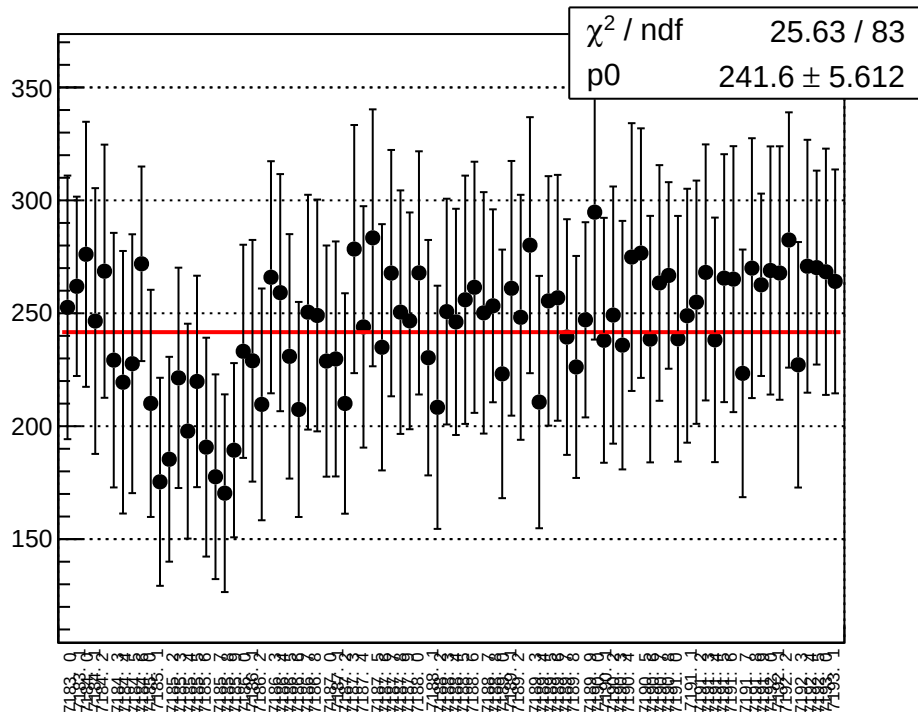
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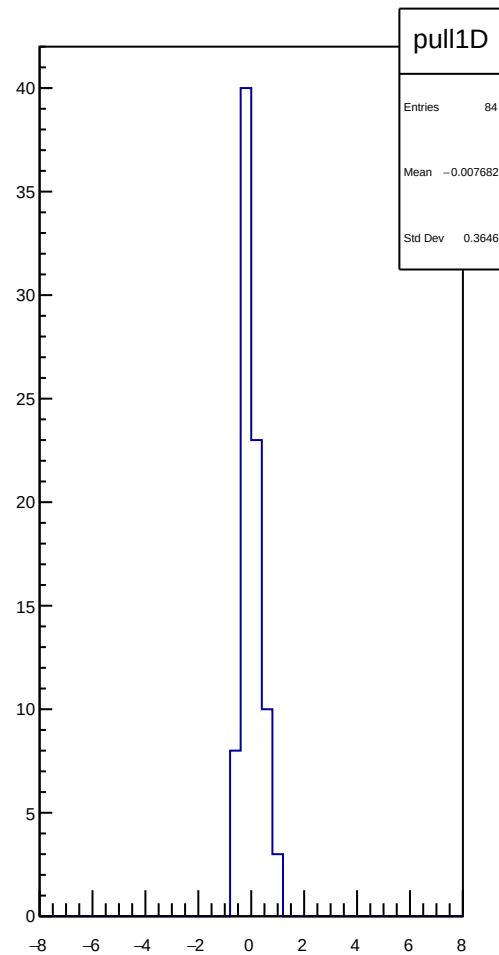
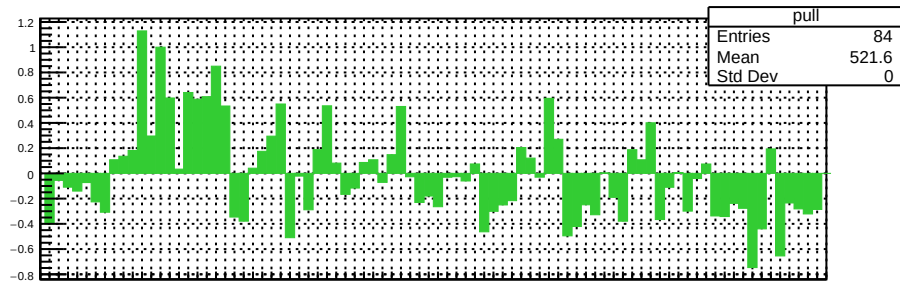
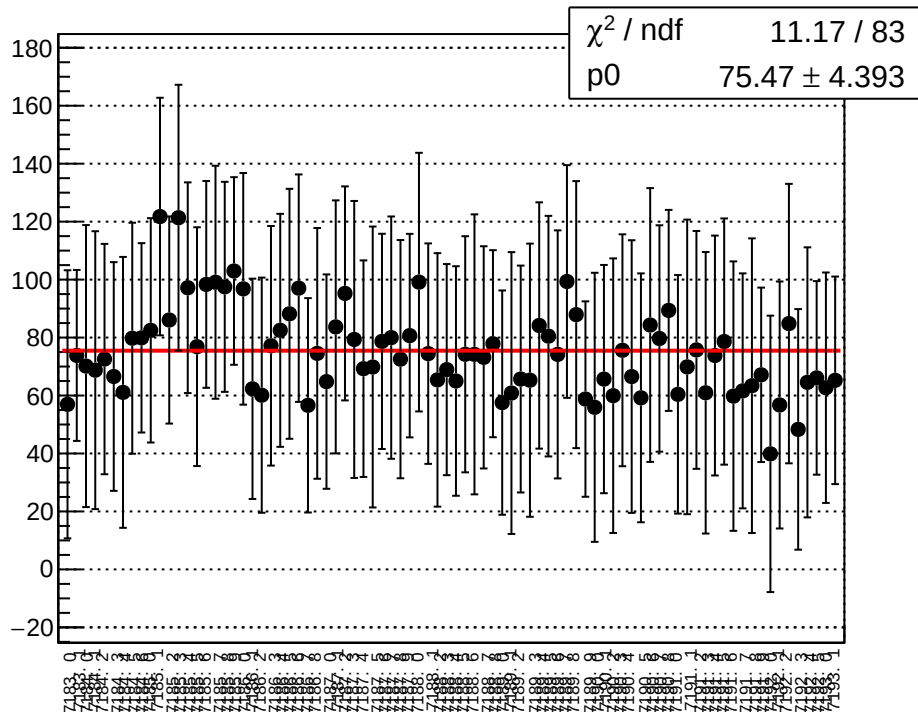
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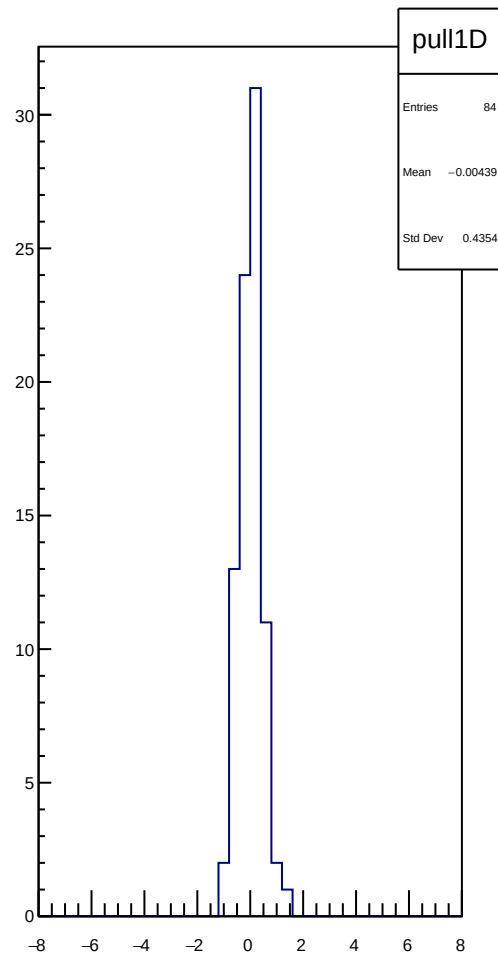
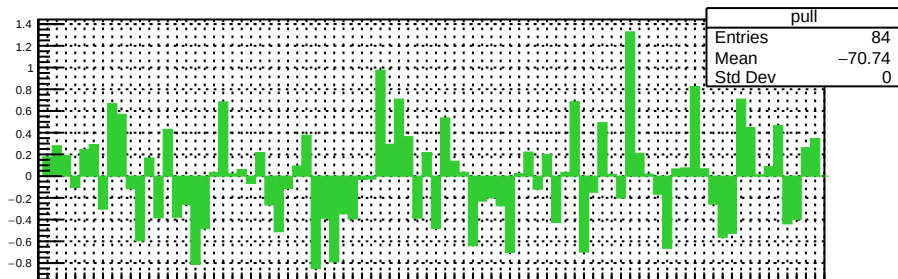
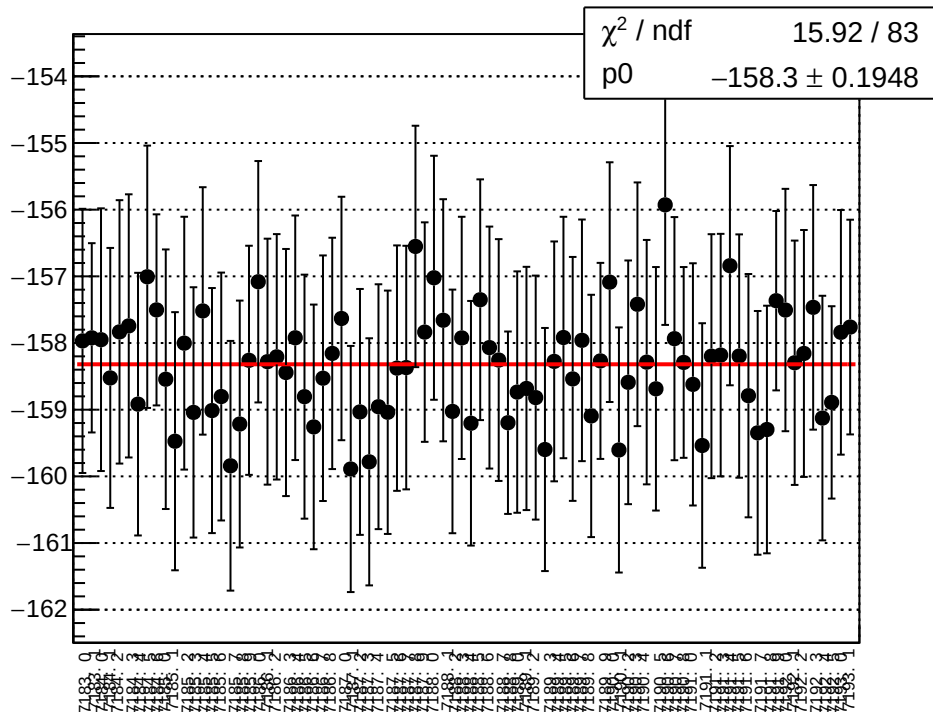
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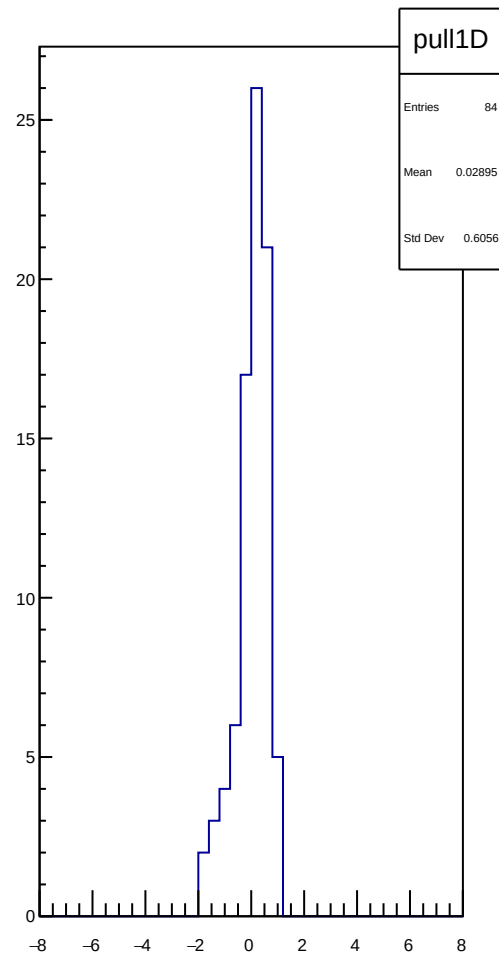
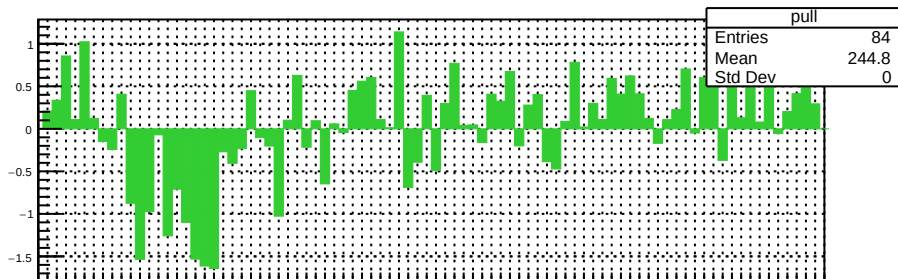
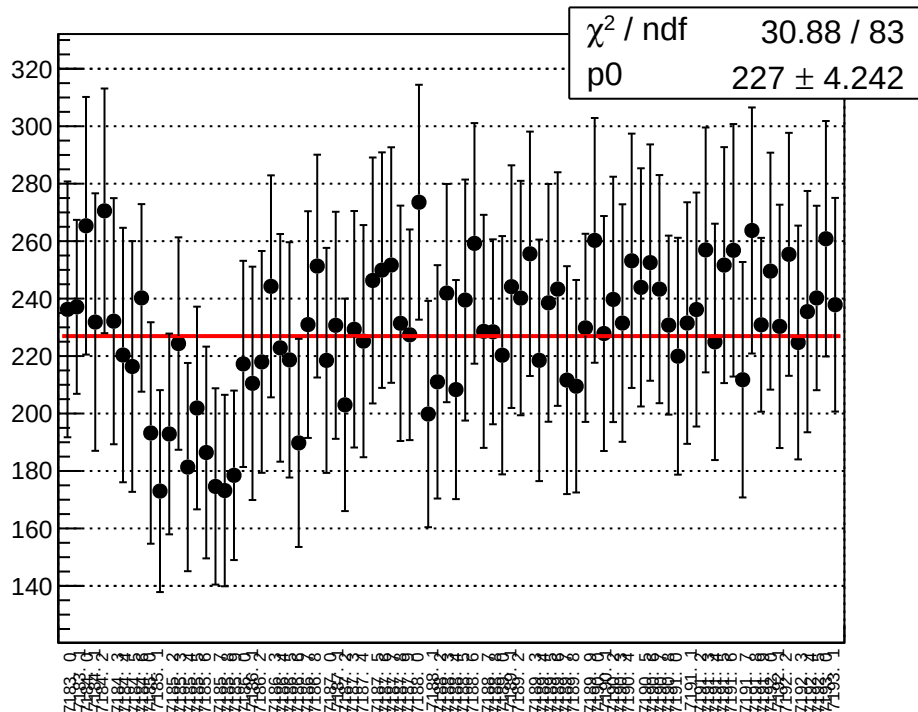
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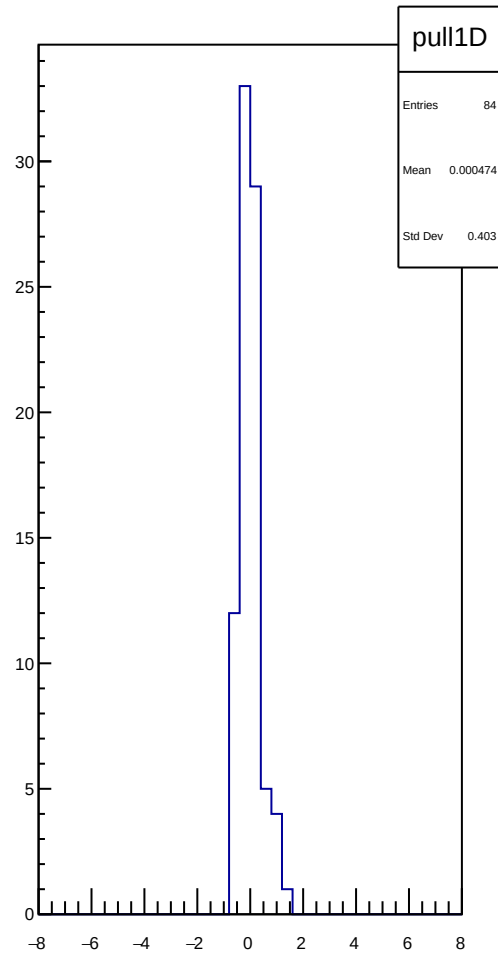
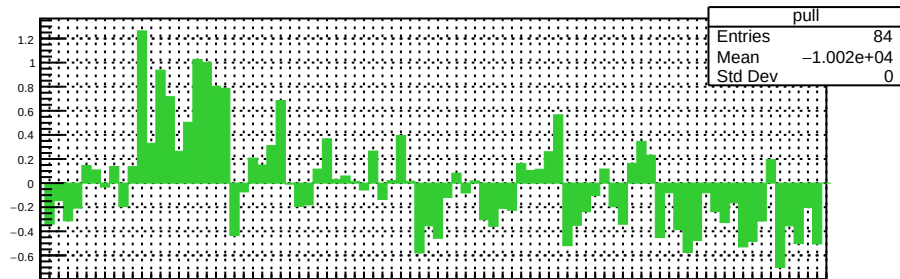
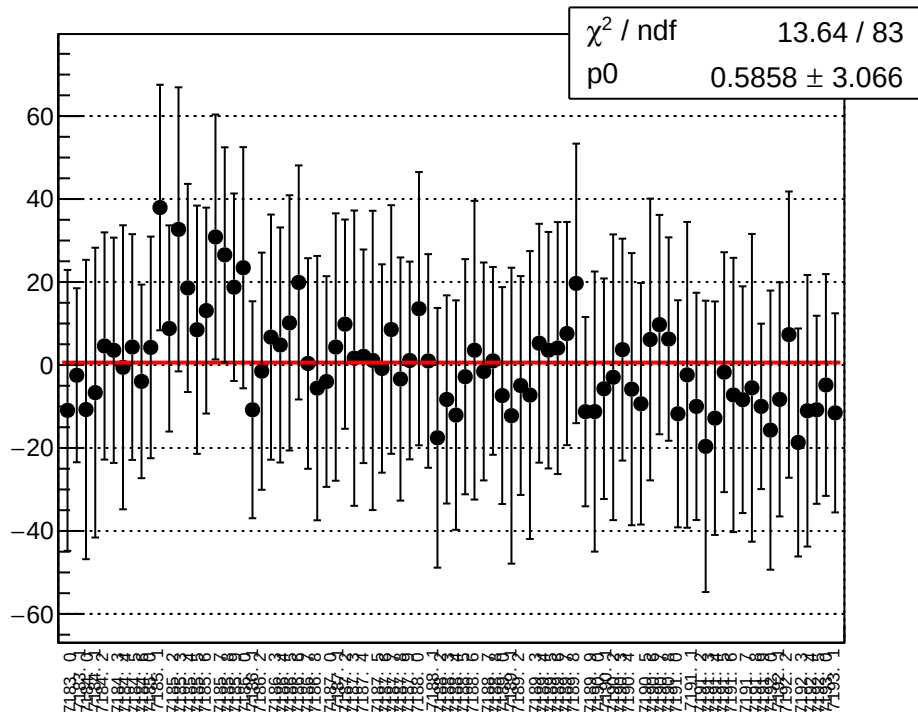
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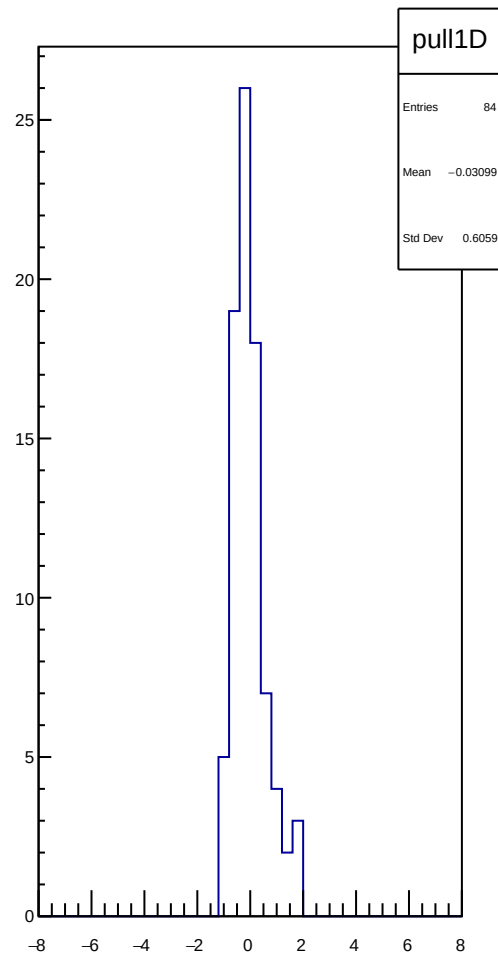
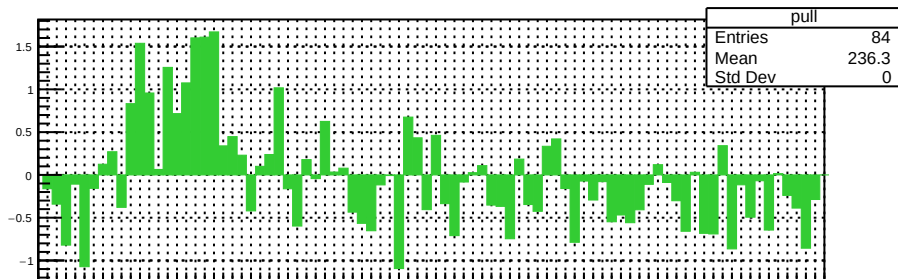
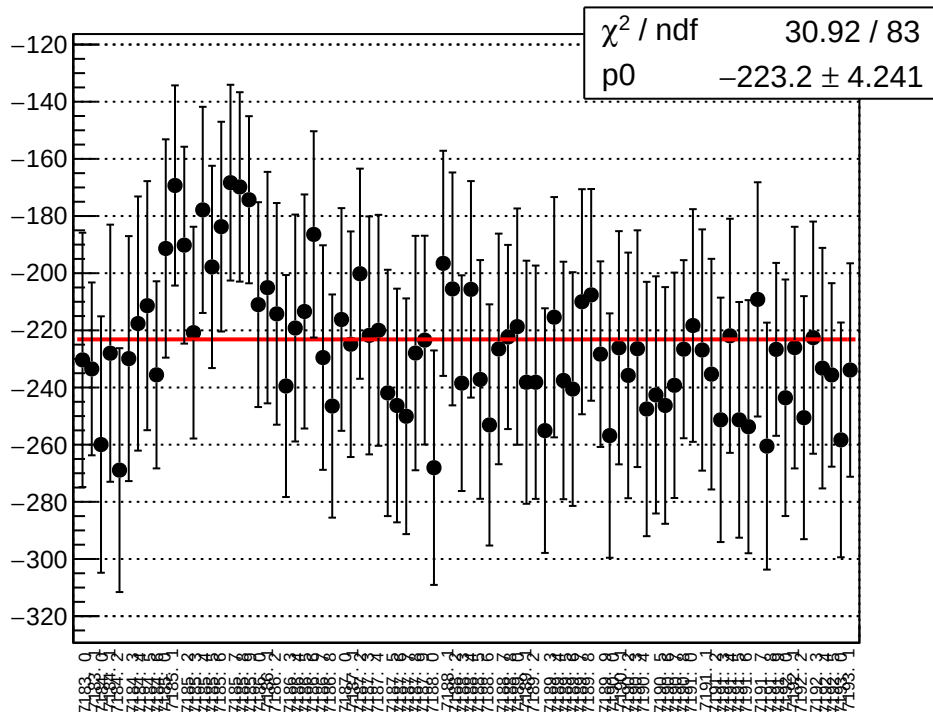
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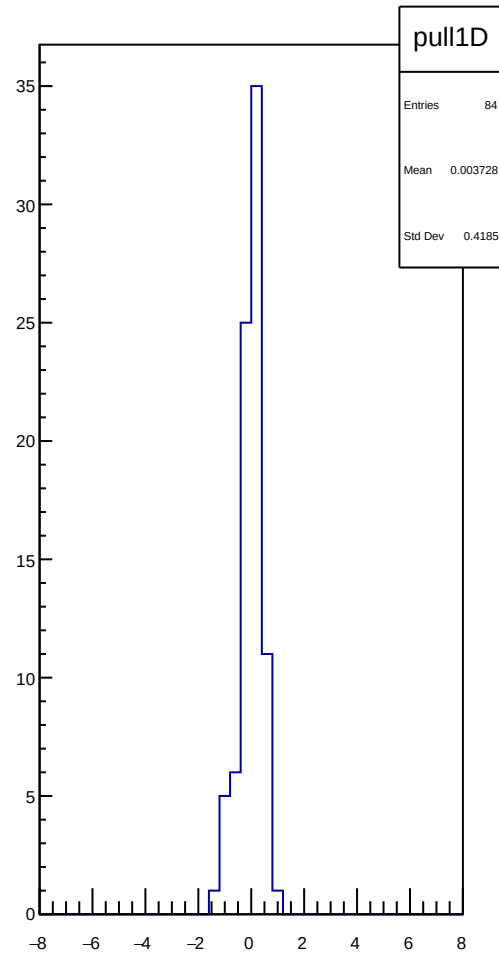
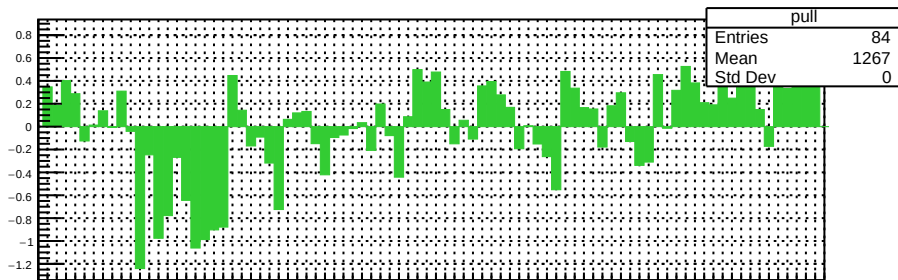
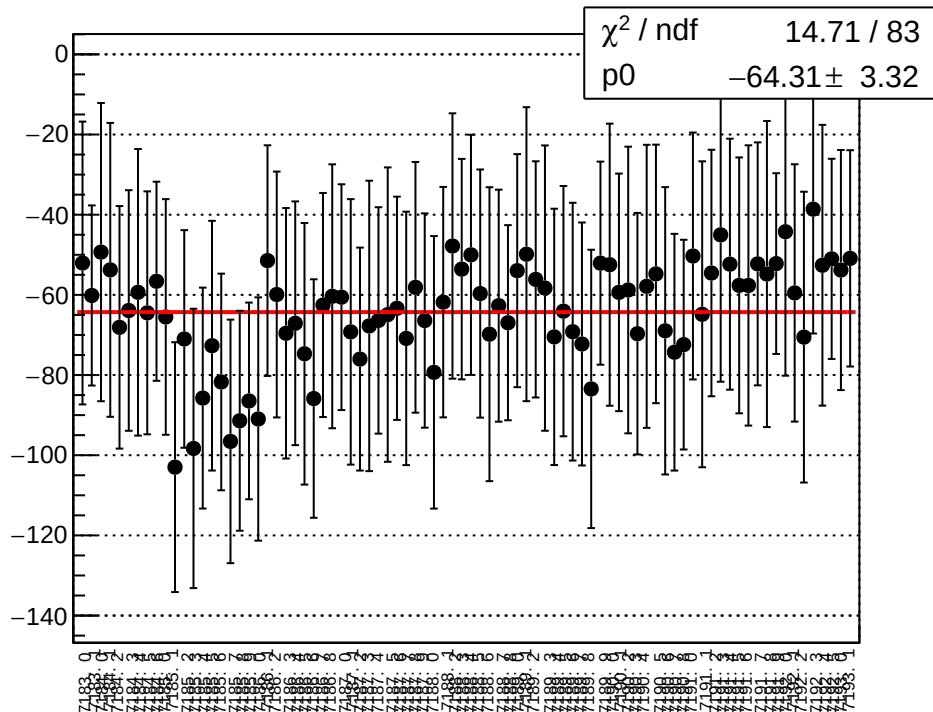
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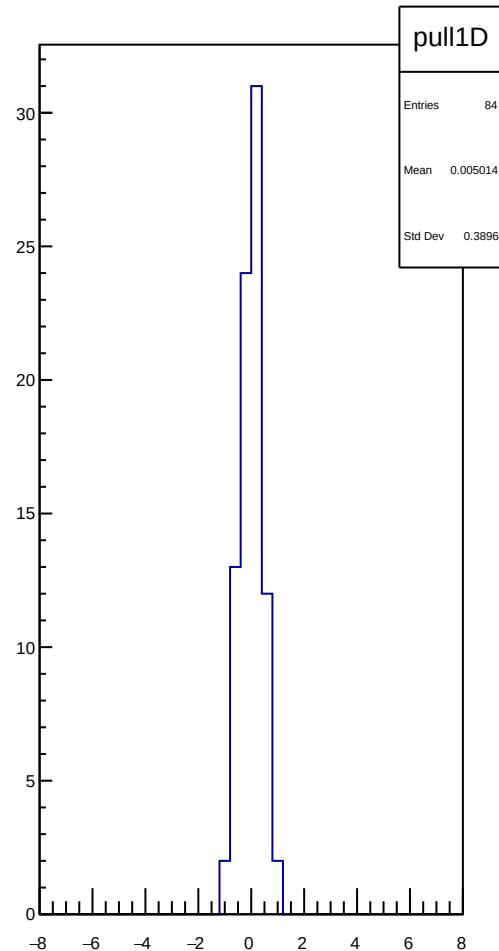
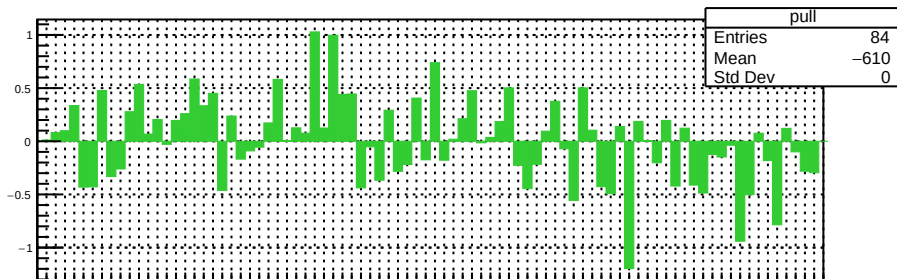
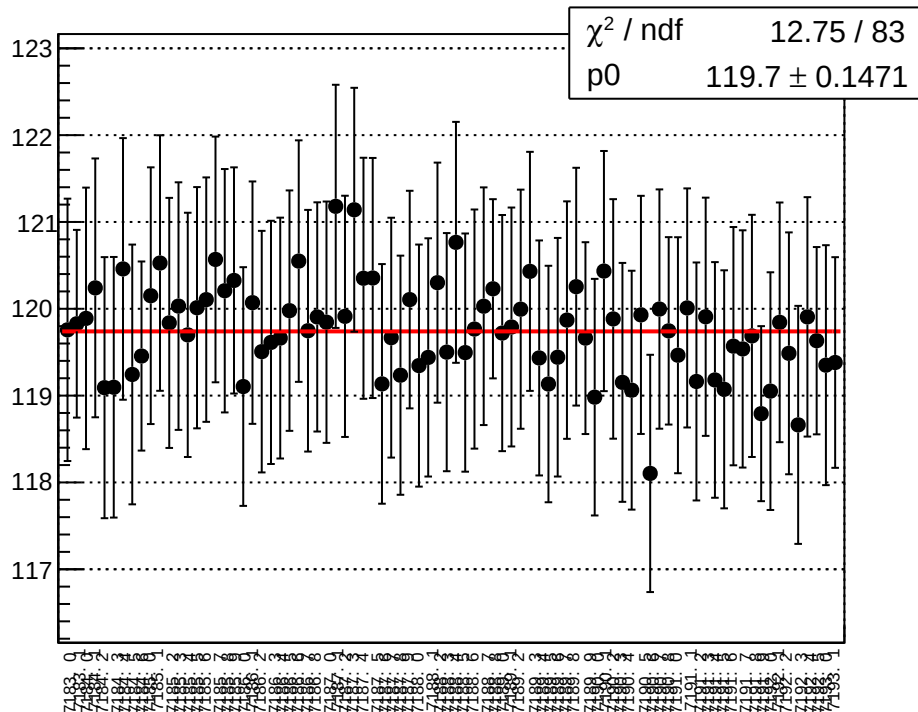
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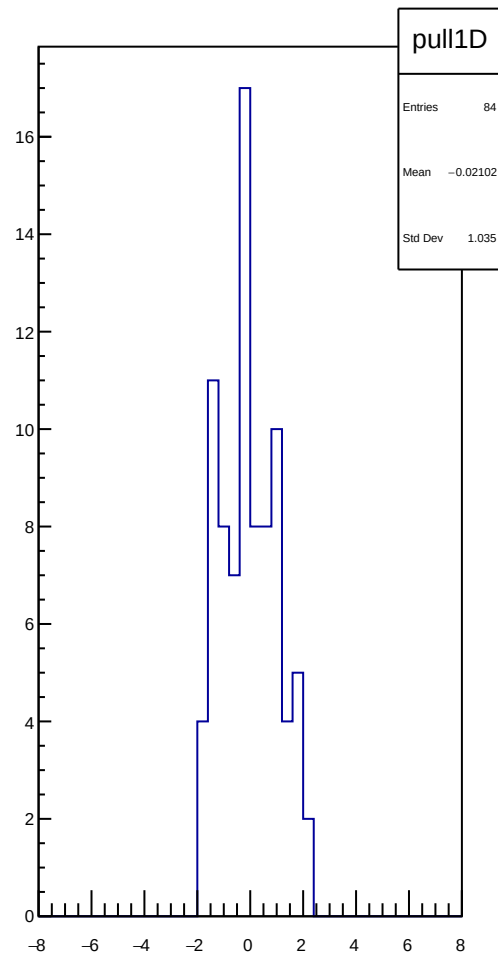
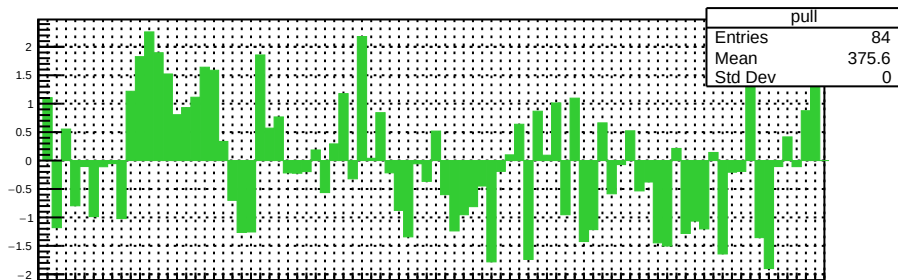
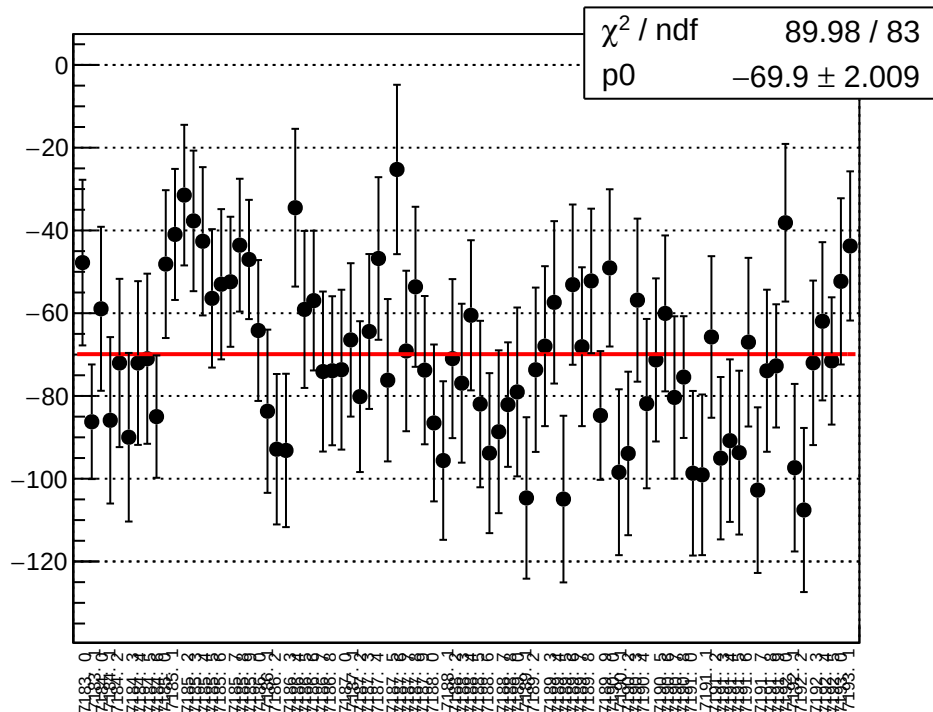
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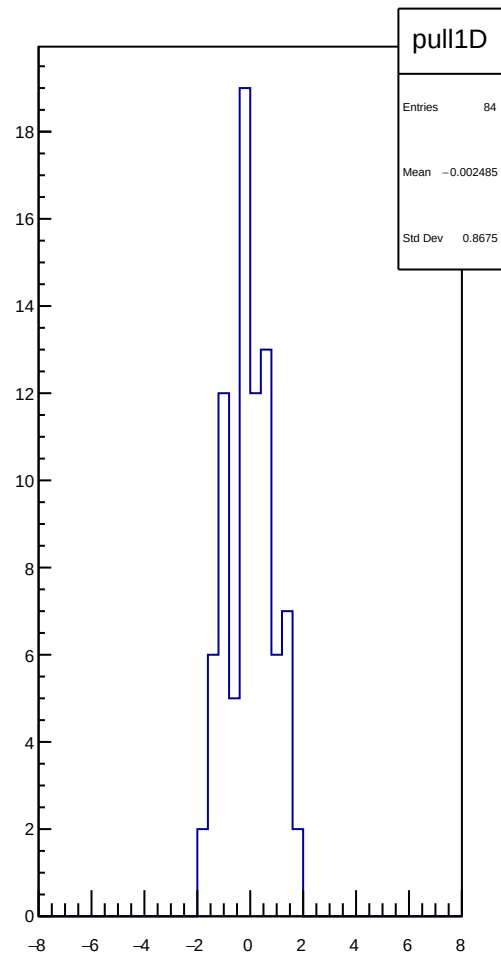
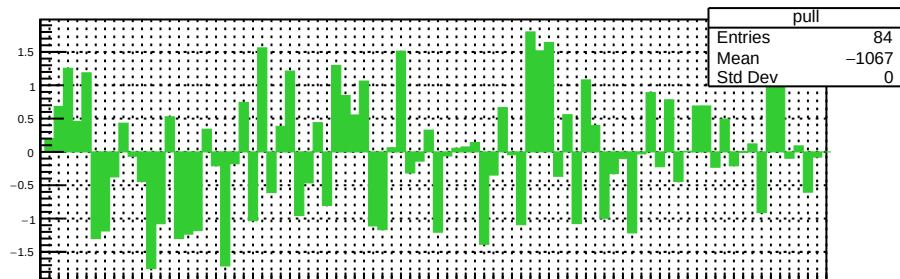
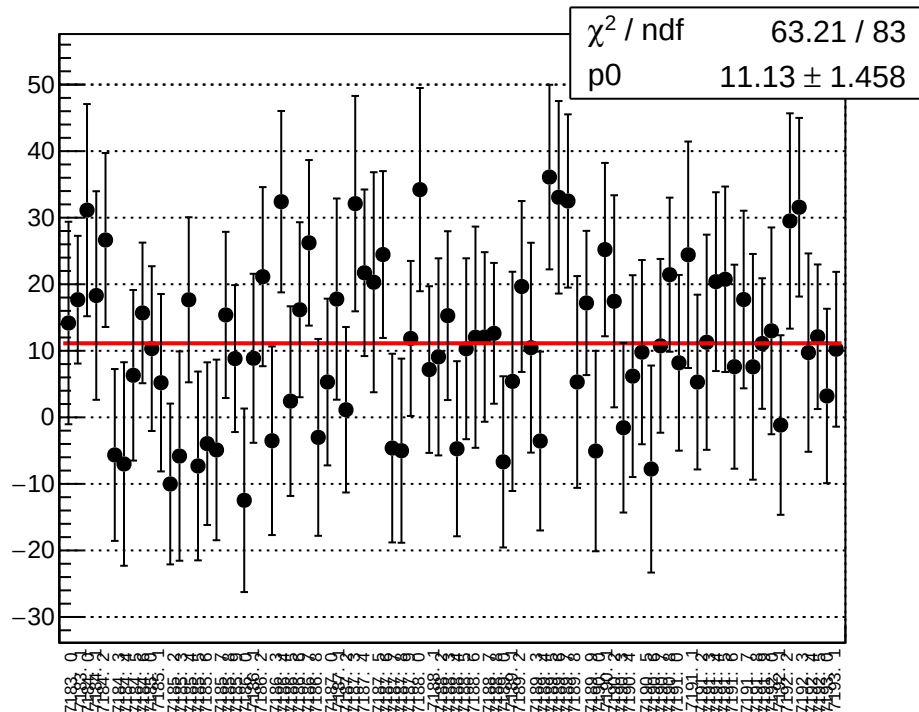
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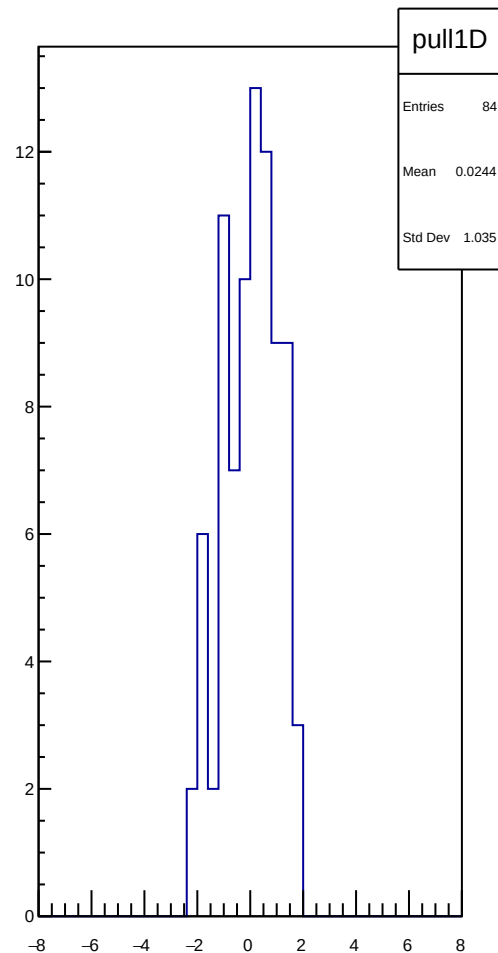
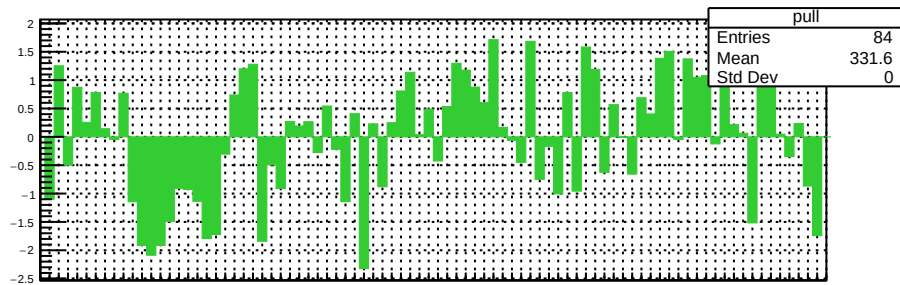
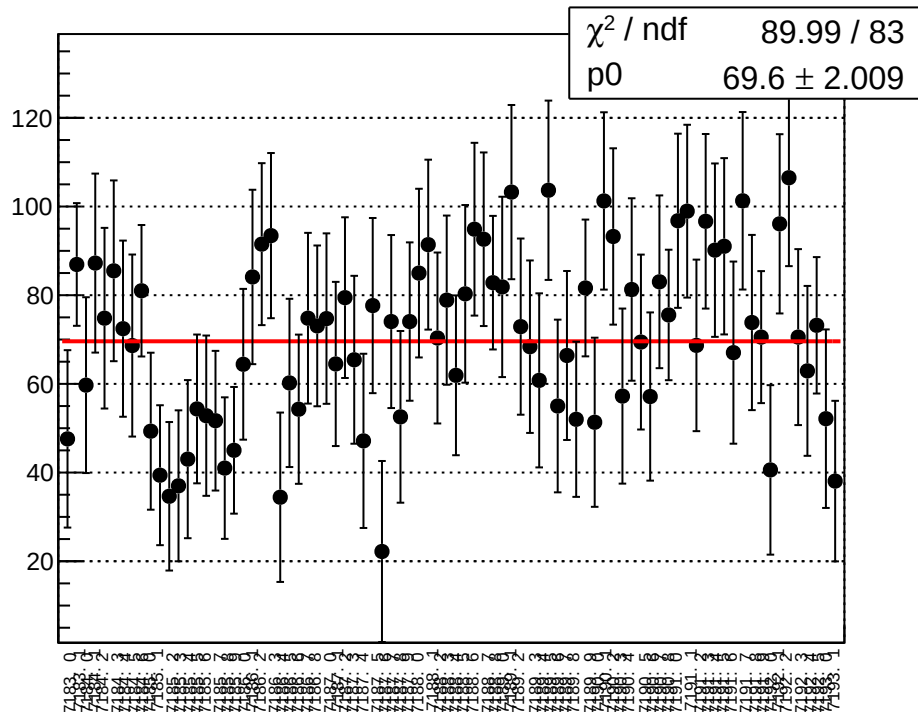
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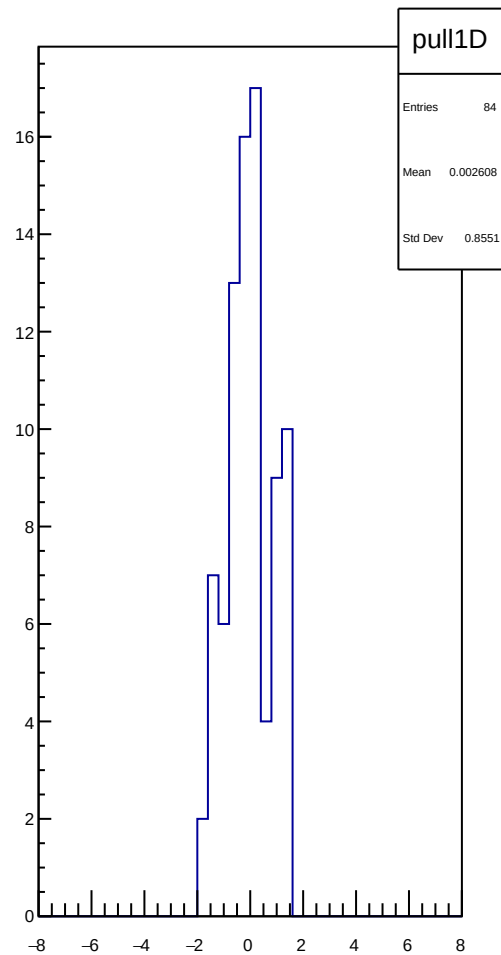
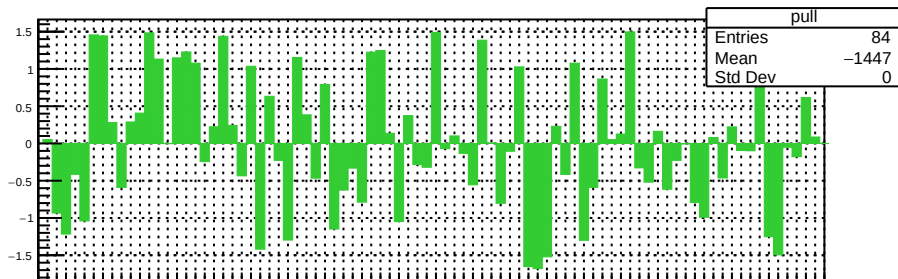
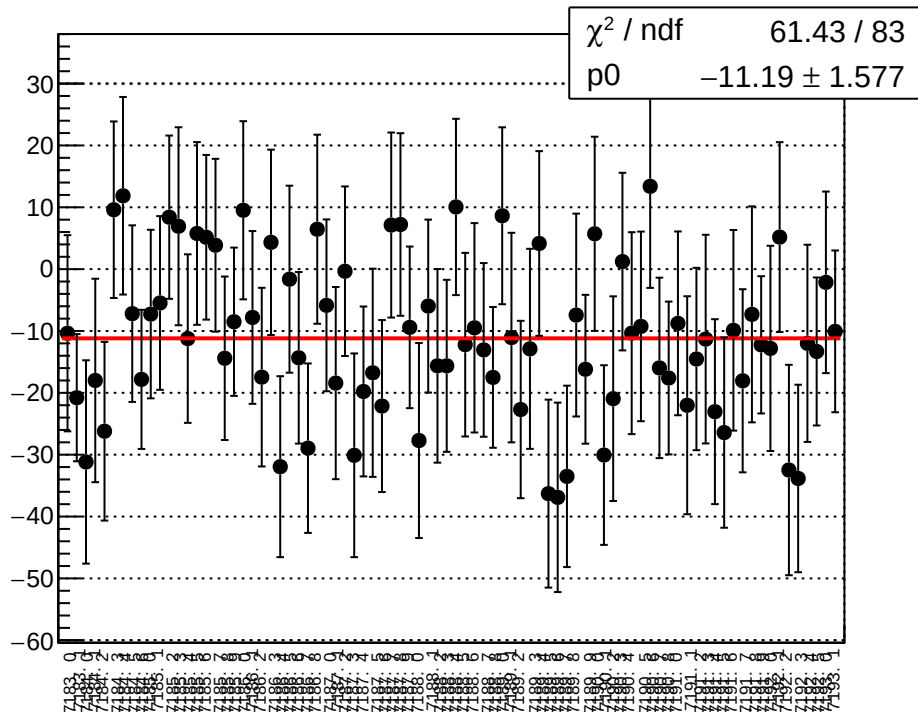
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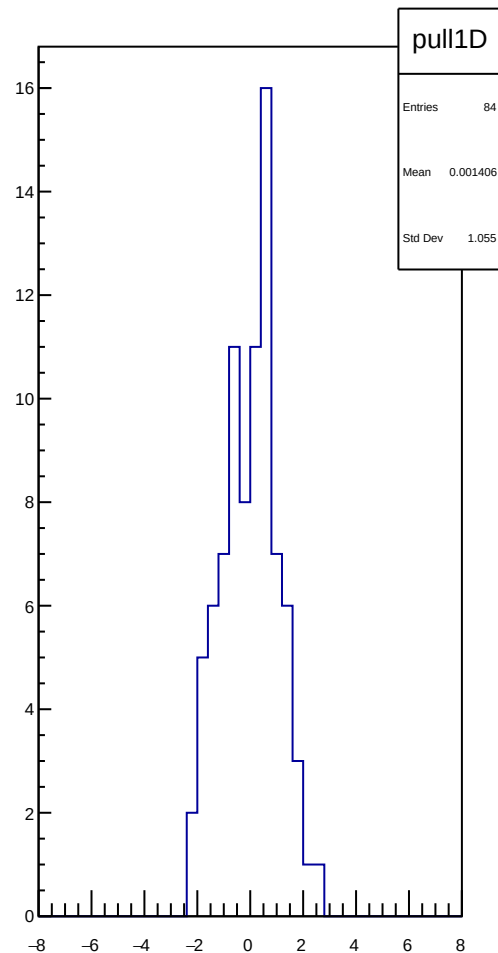
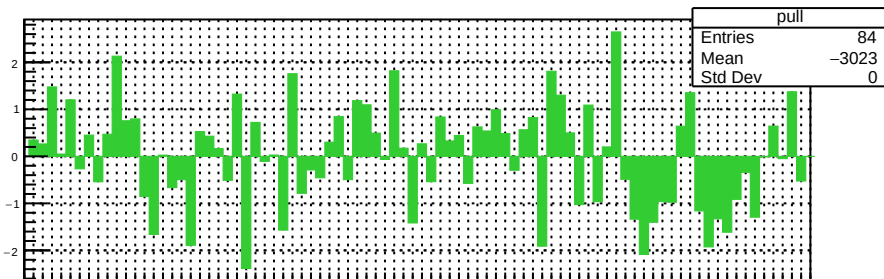
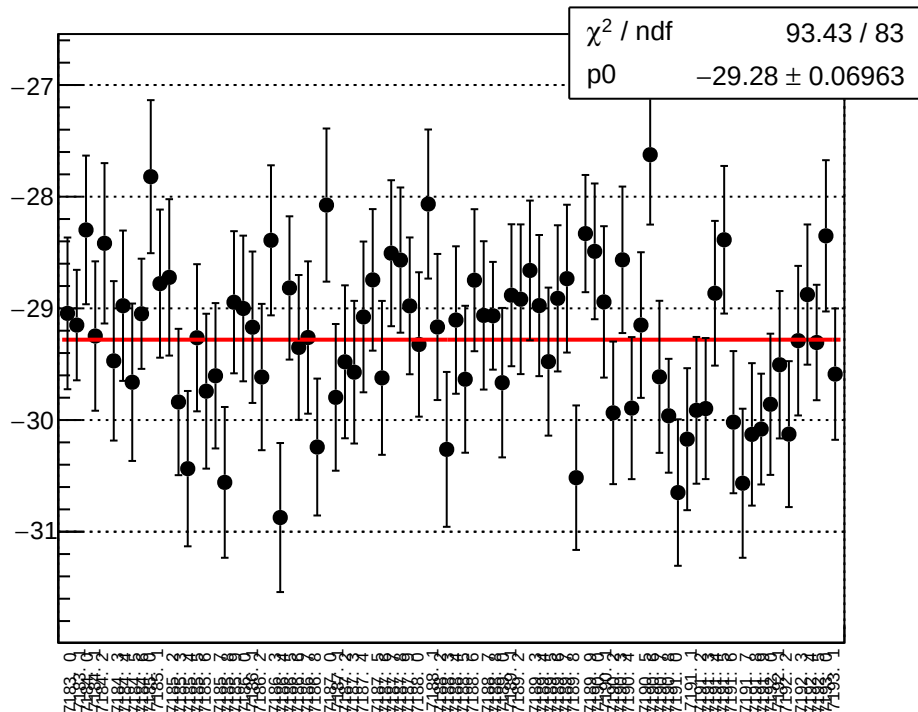
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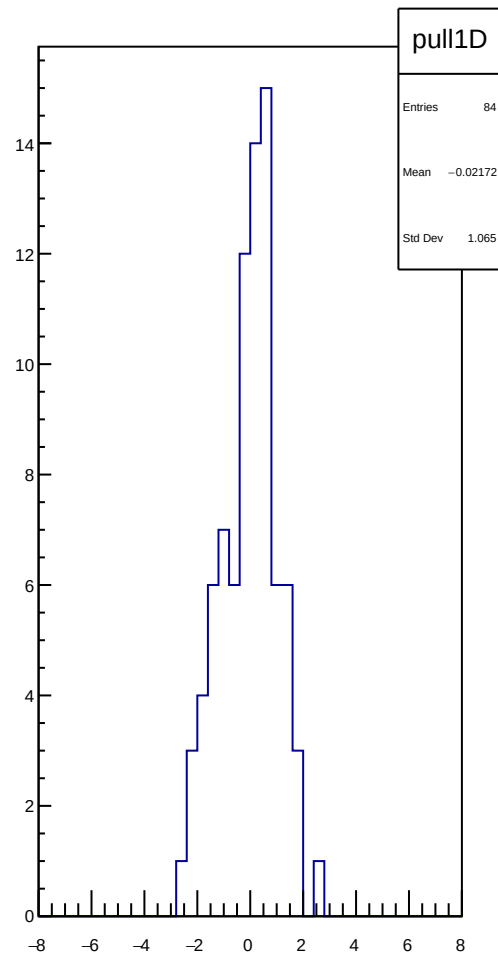
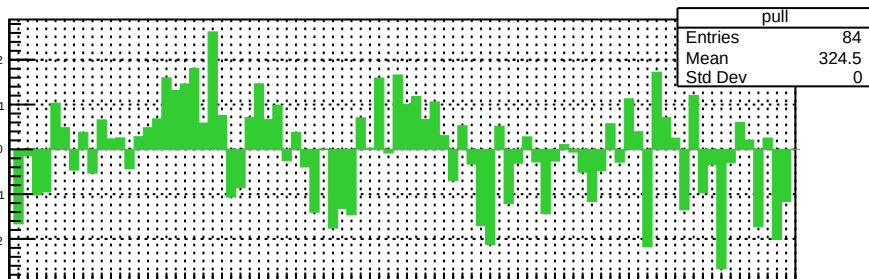
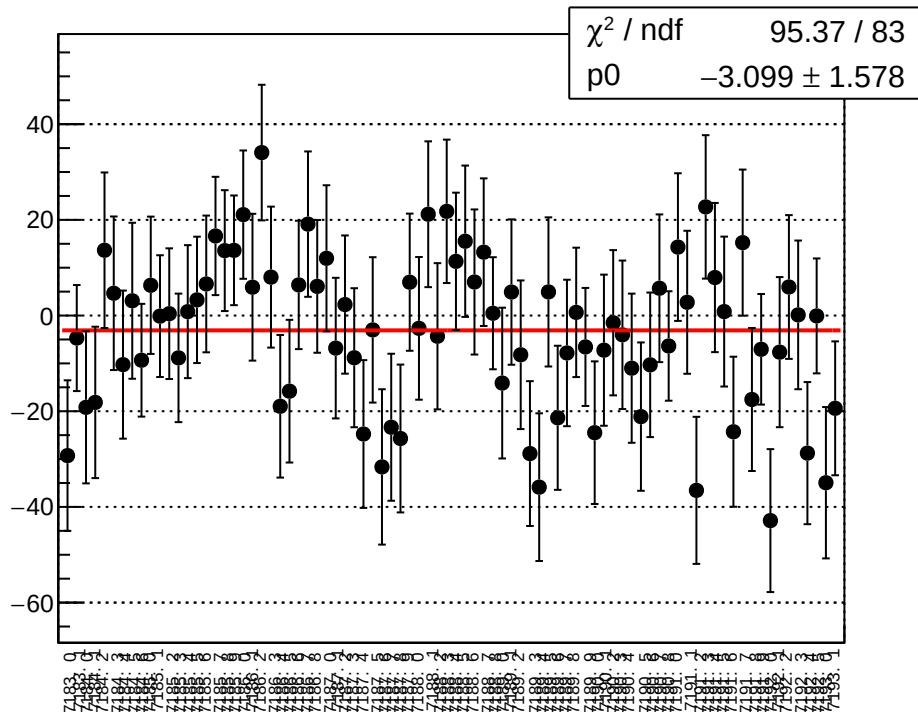
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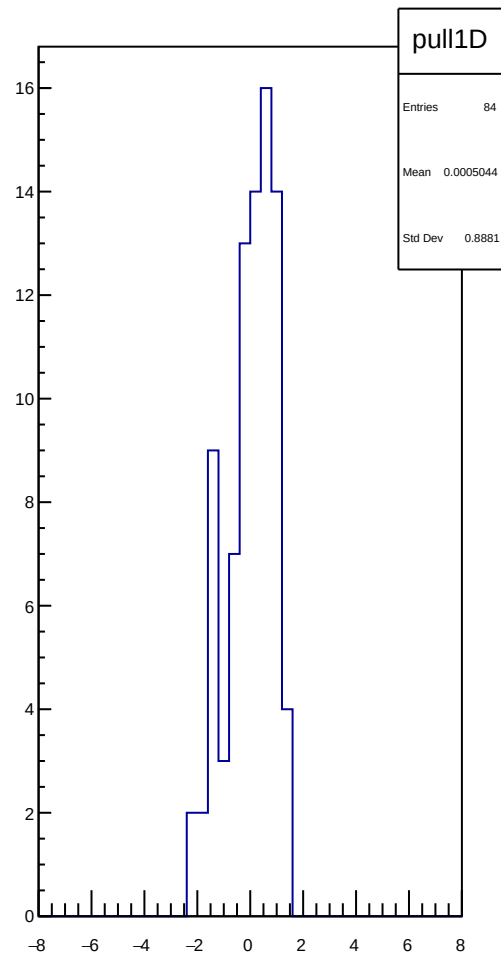
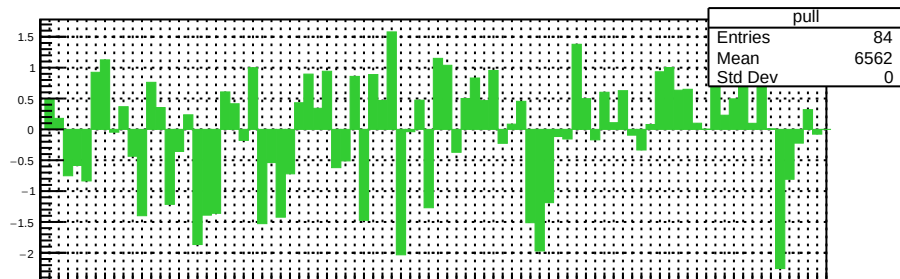
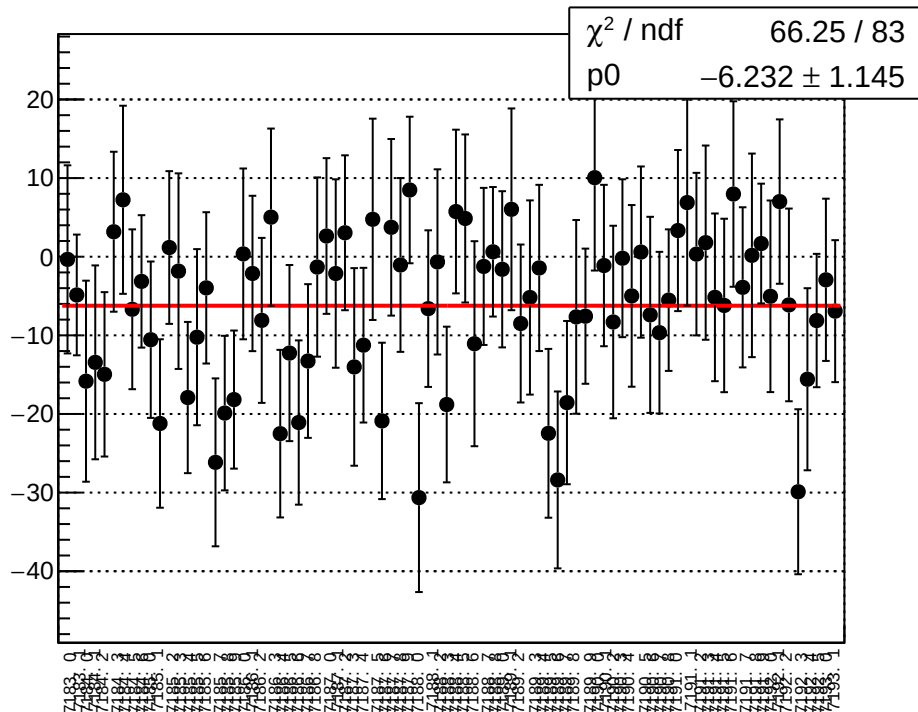
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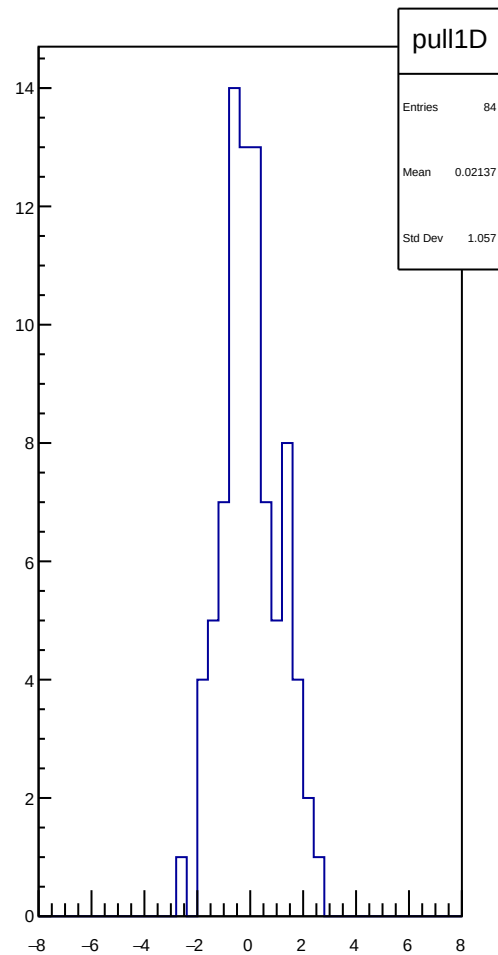
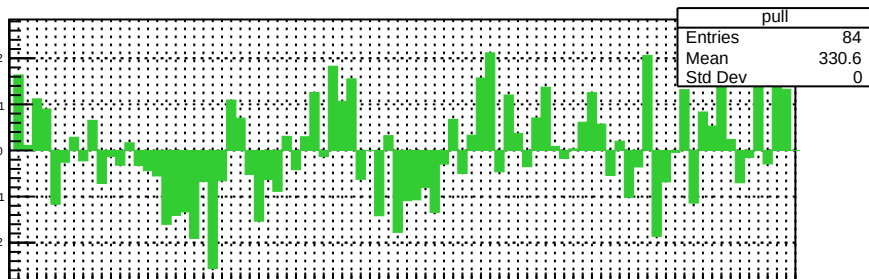
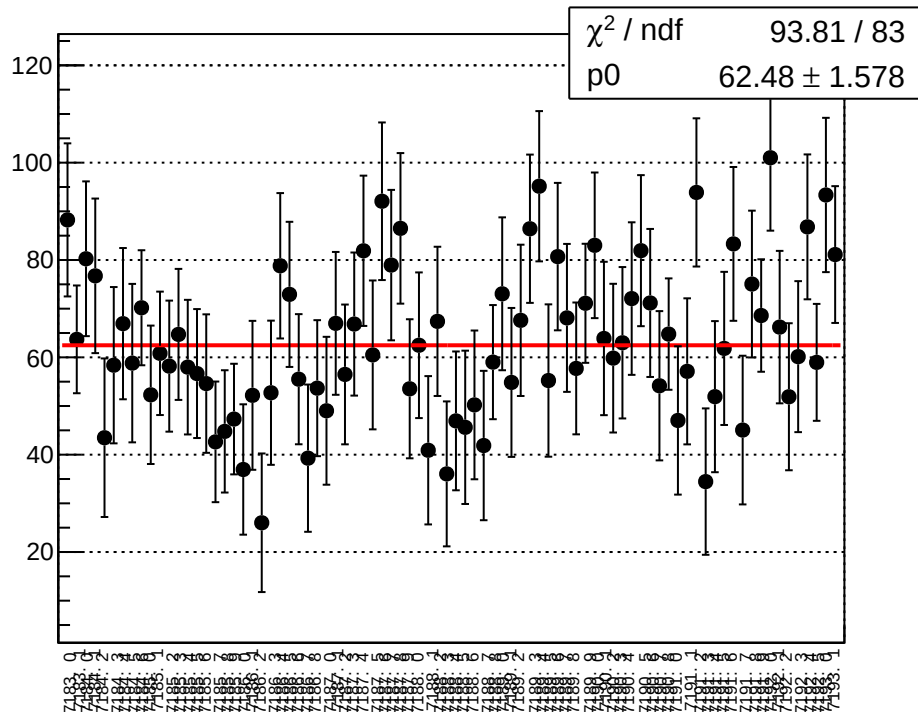
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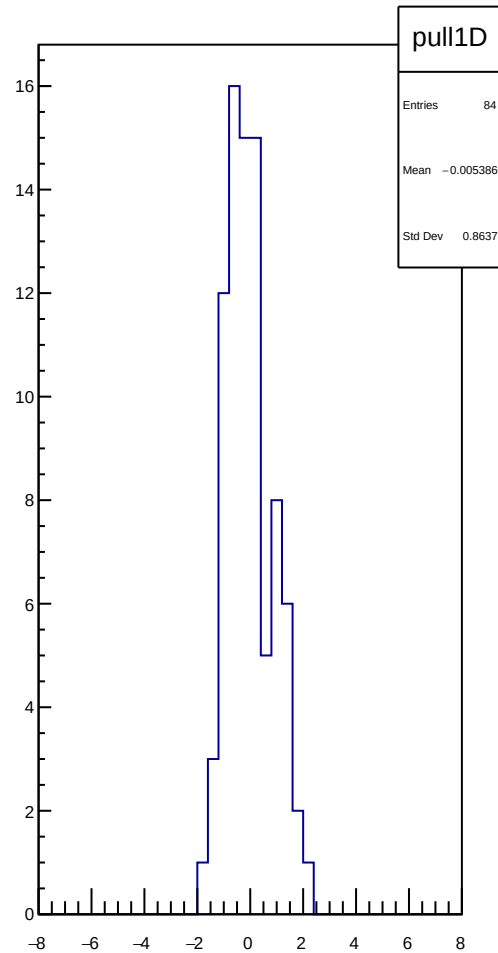
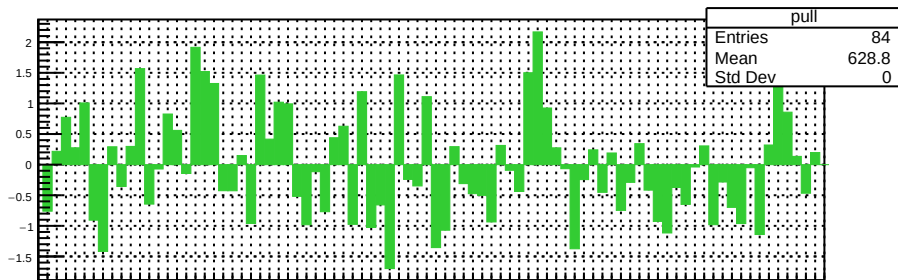
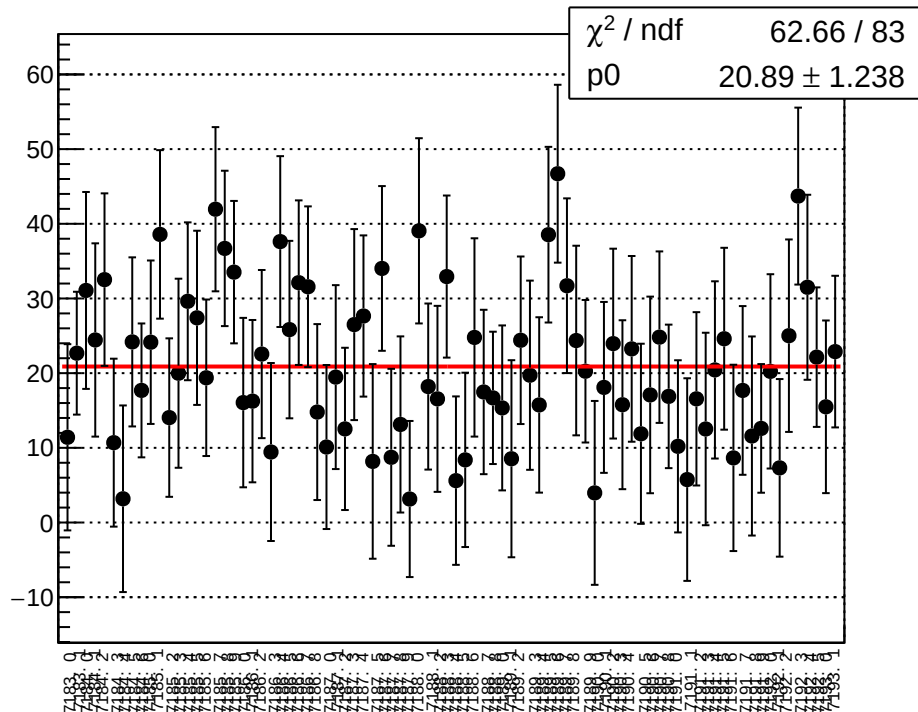
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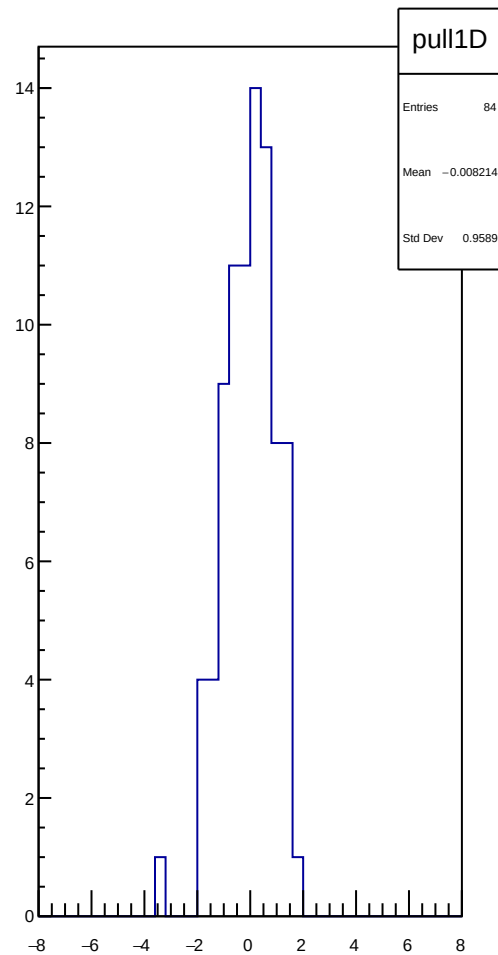
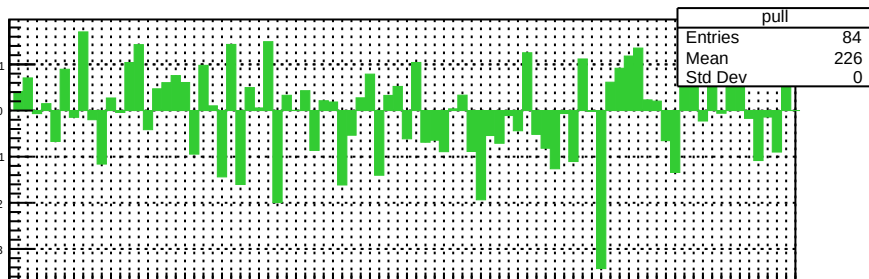
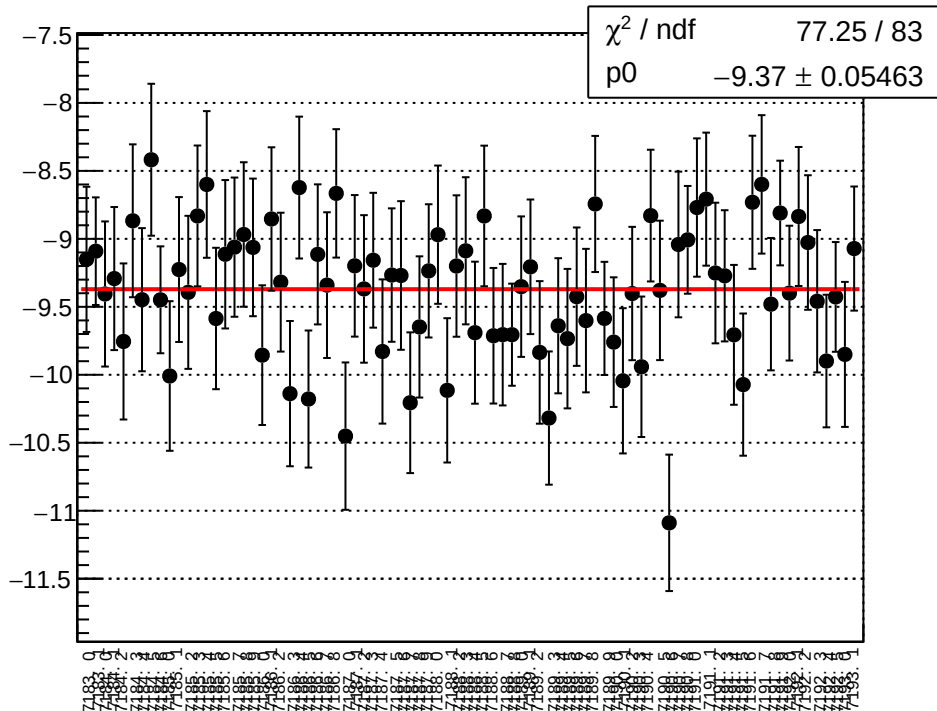
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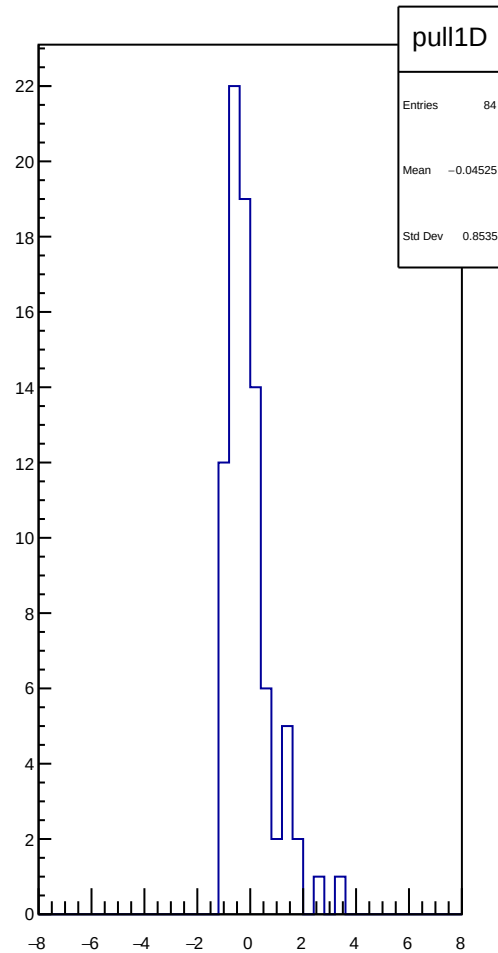
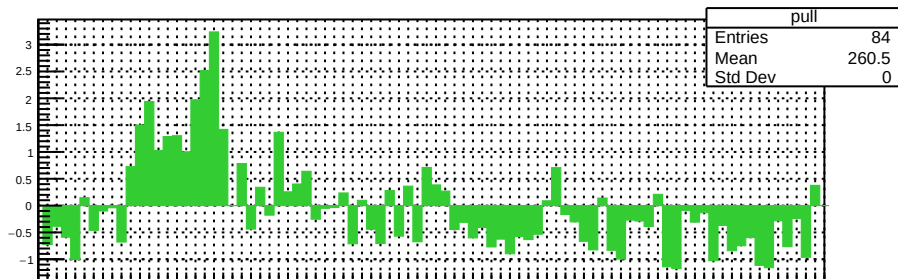
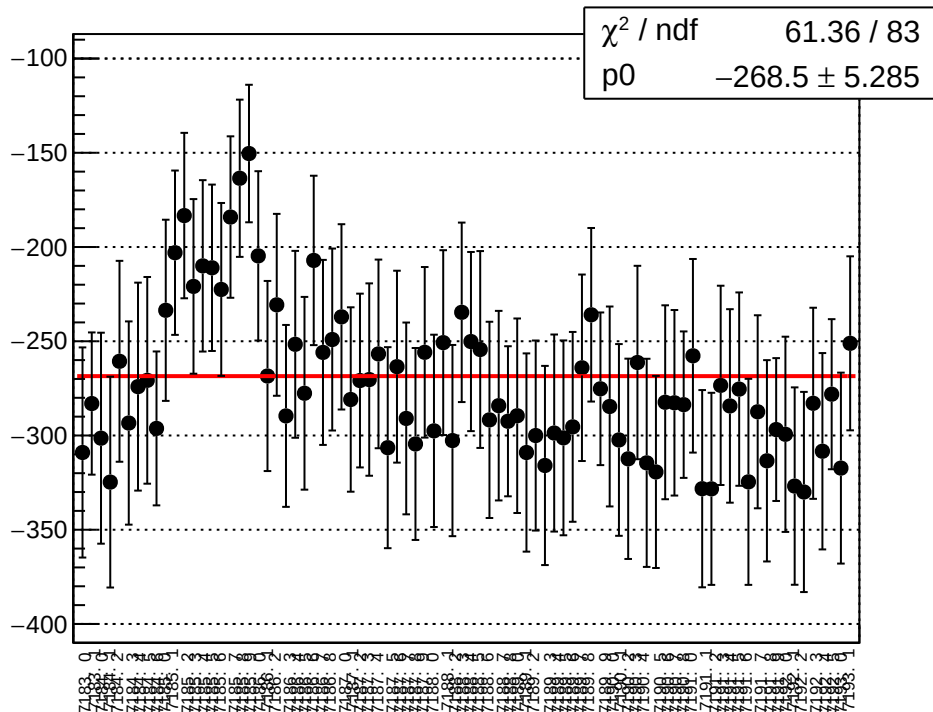
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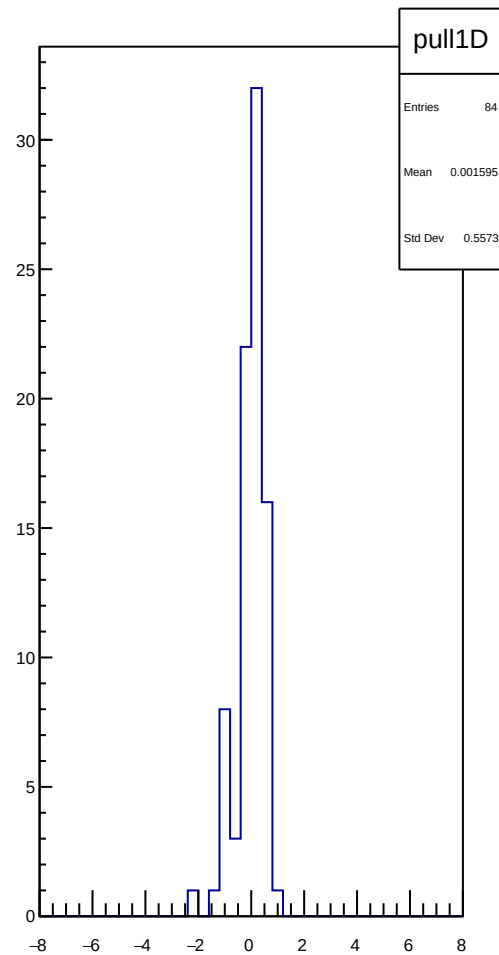
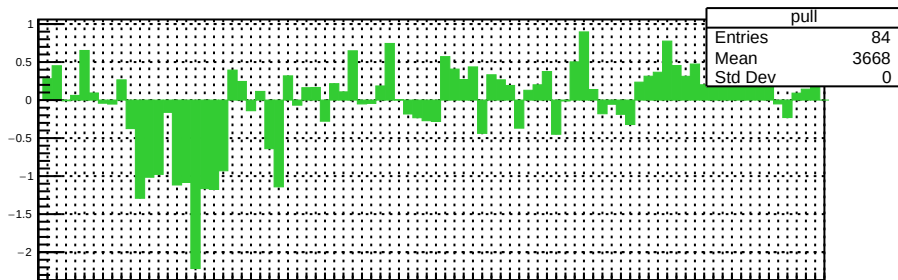
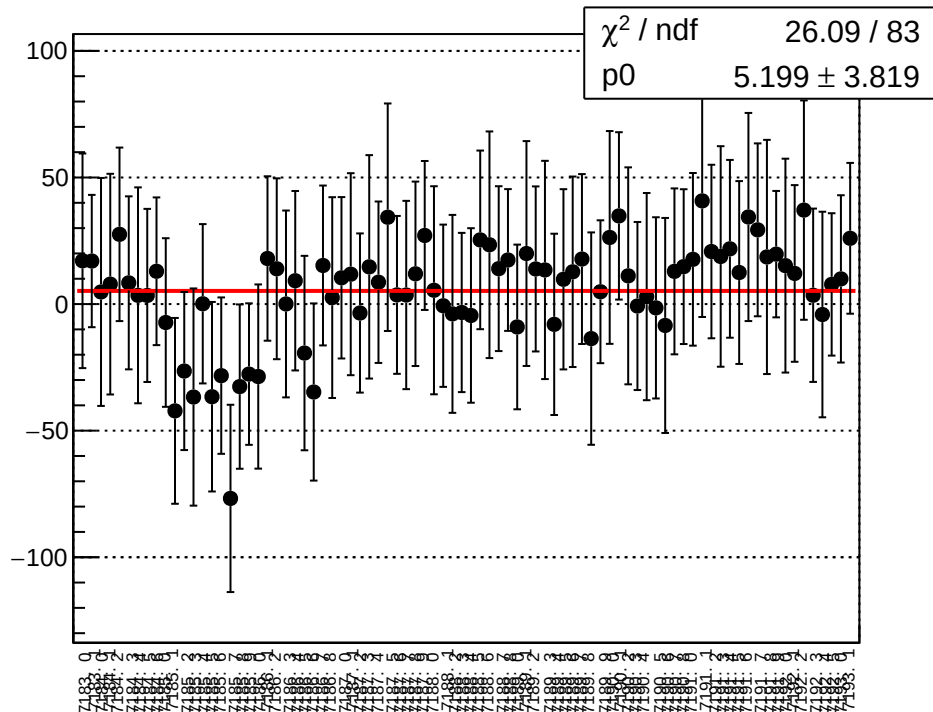
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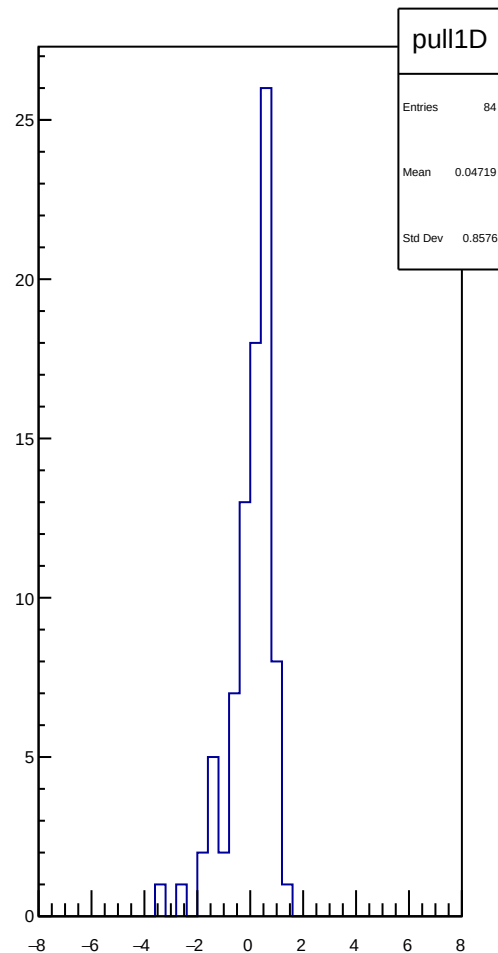
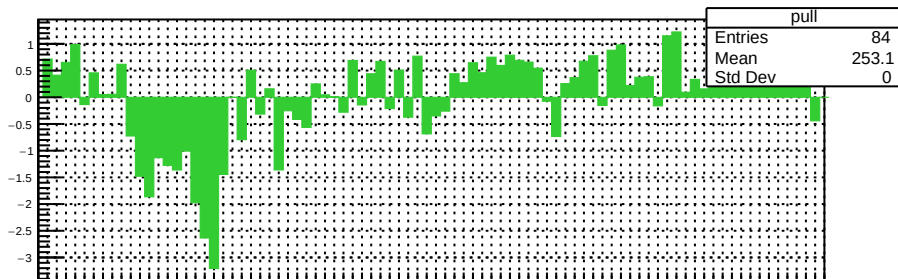
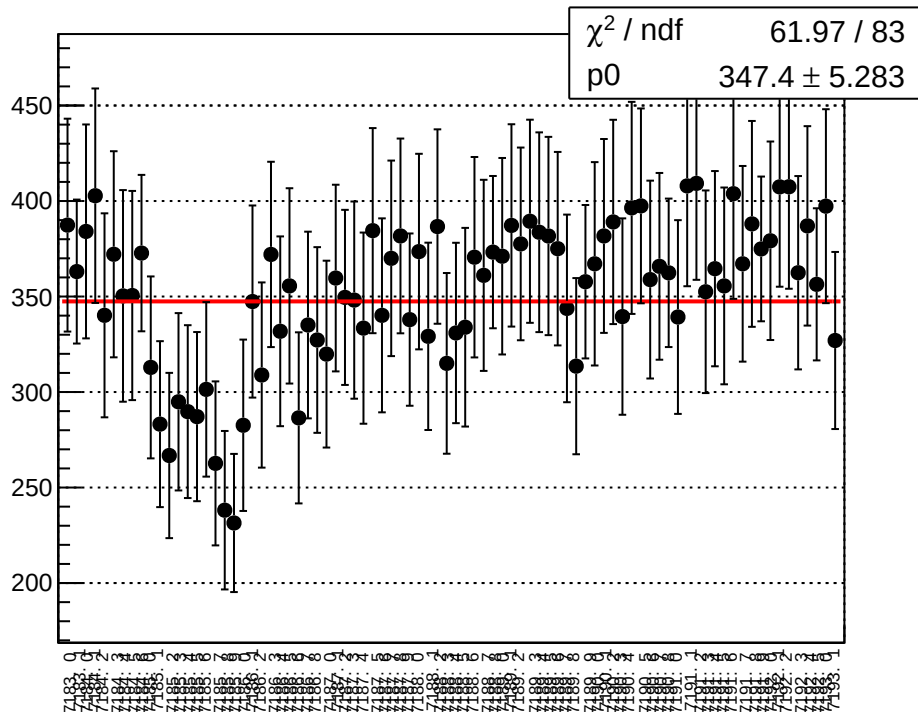
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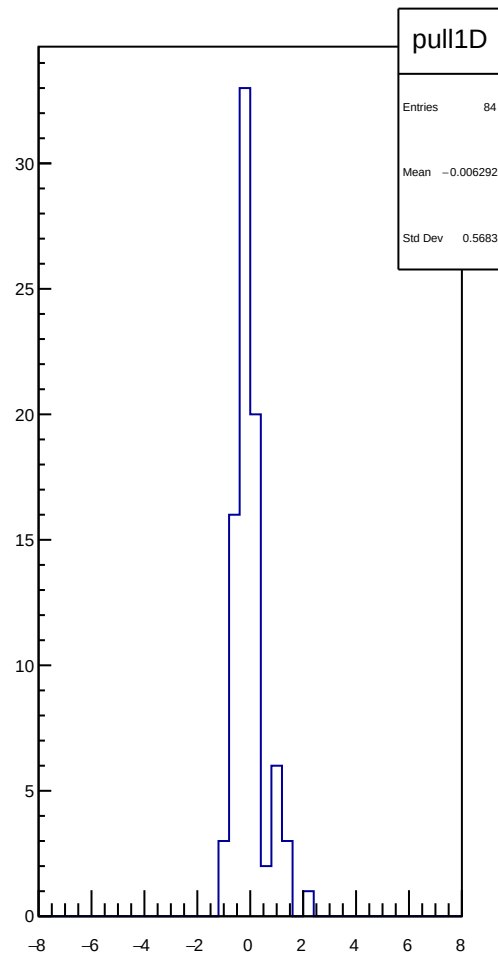
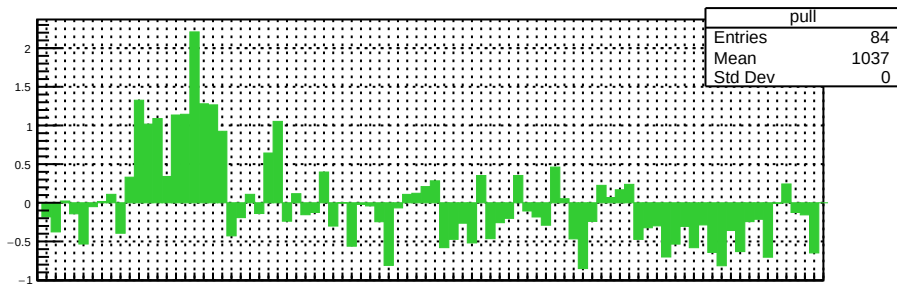
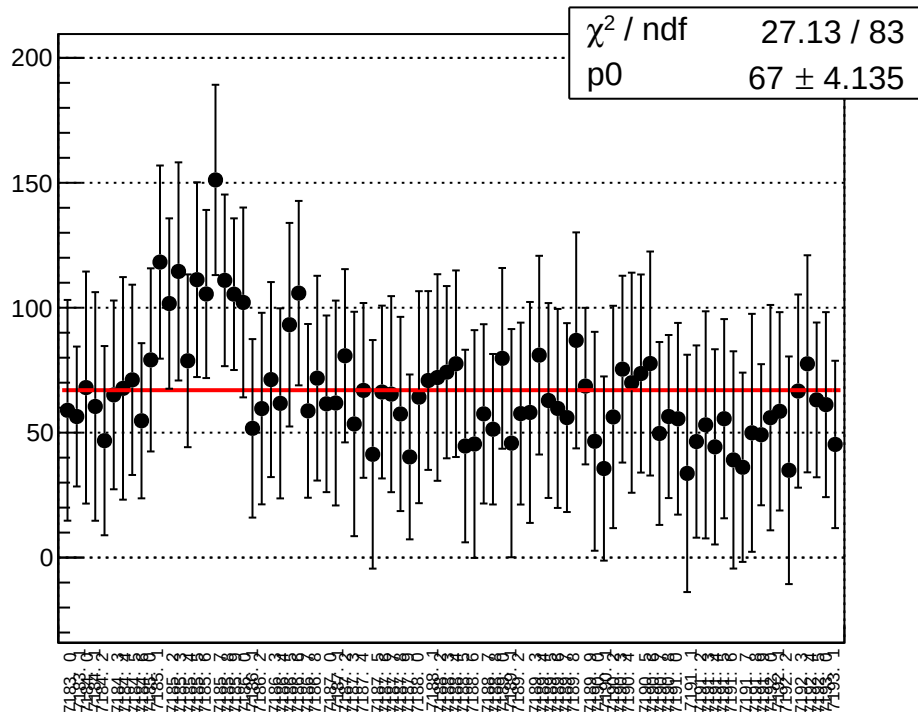
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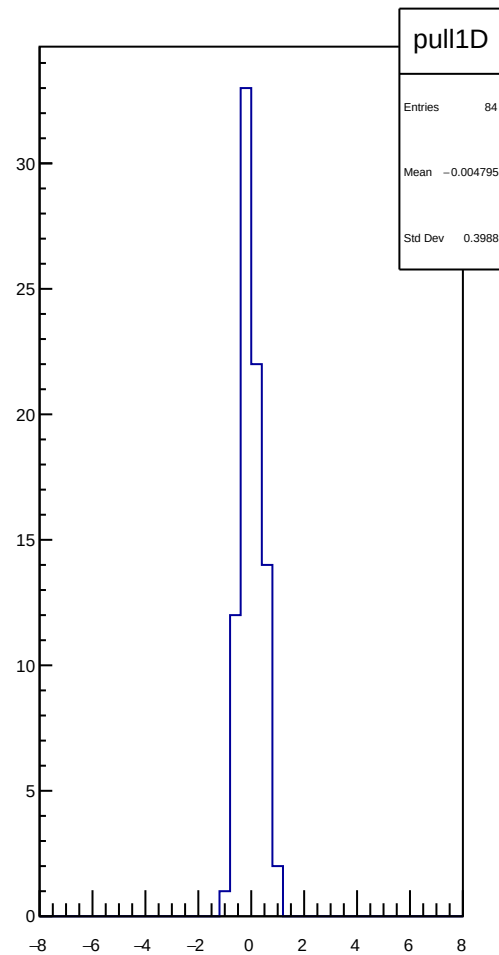
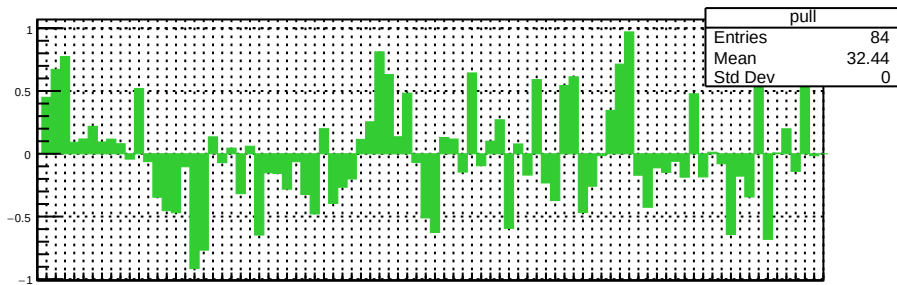
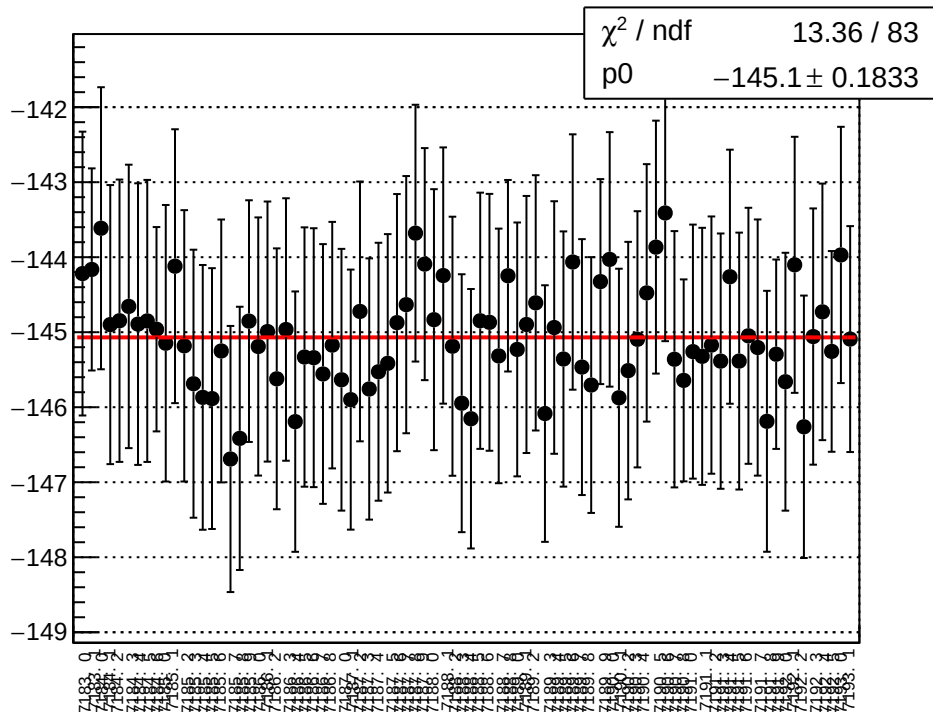
reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs run



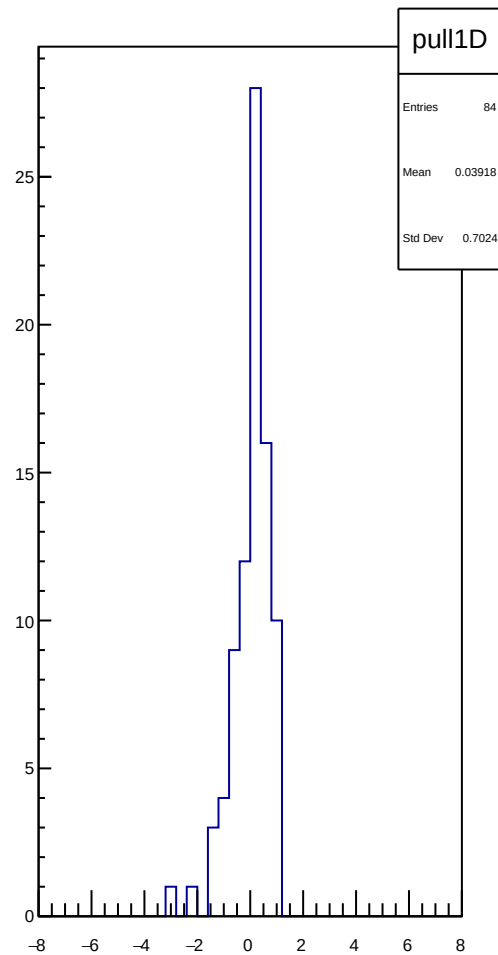
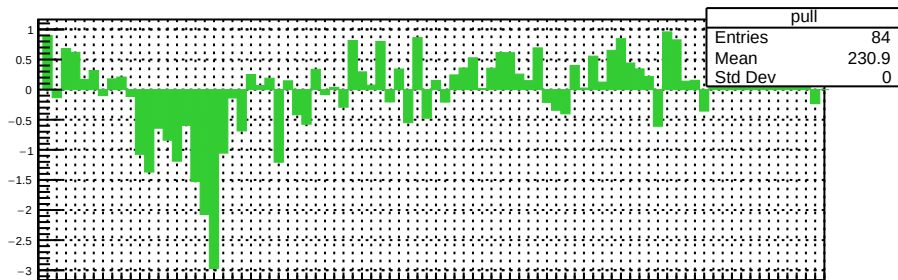
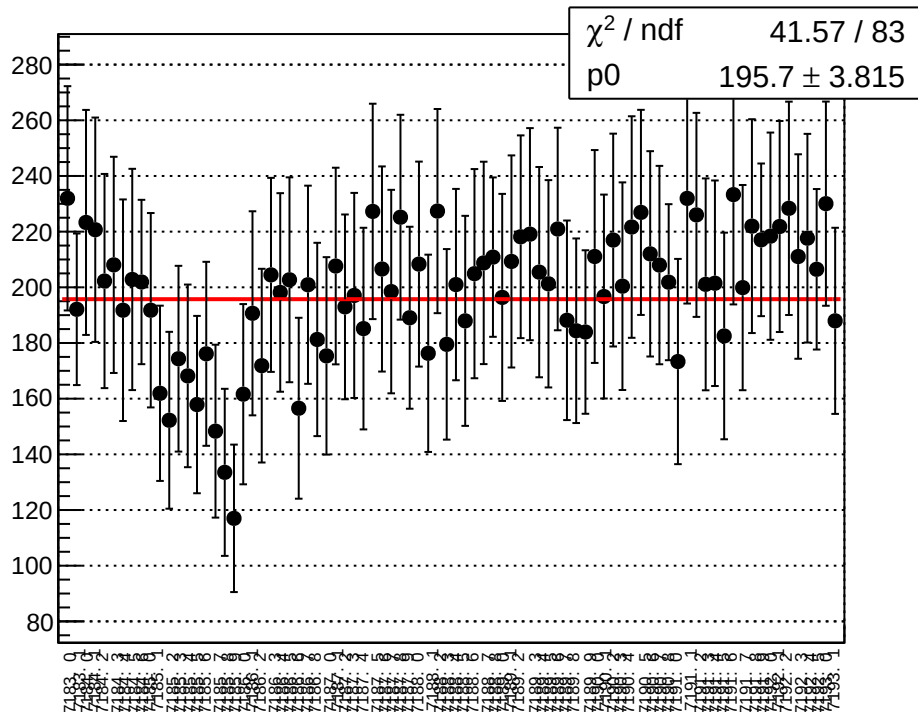
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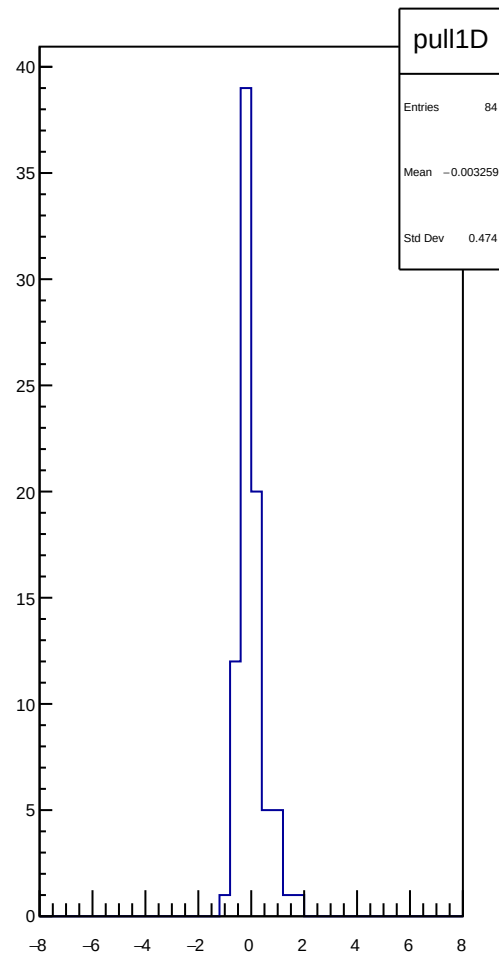
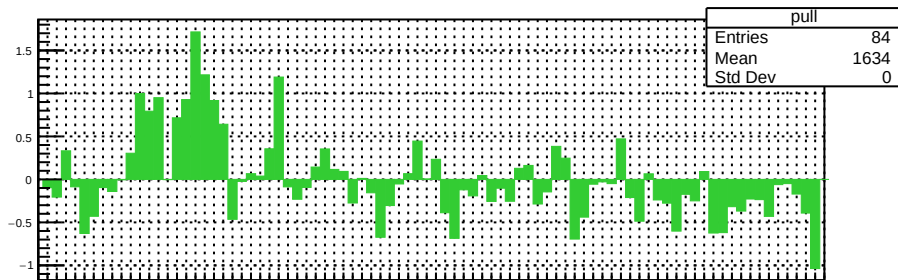
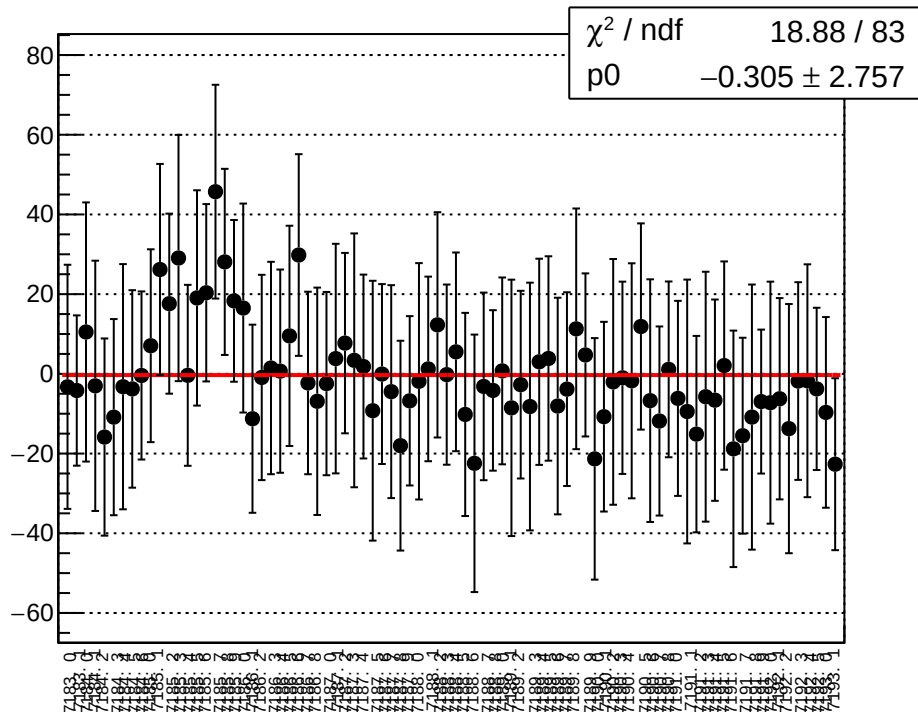
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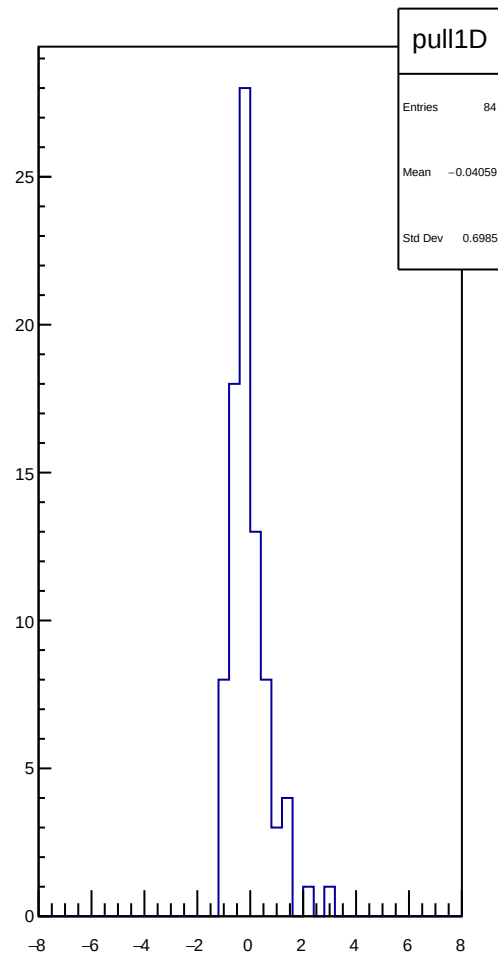
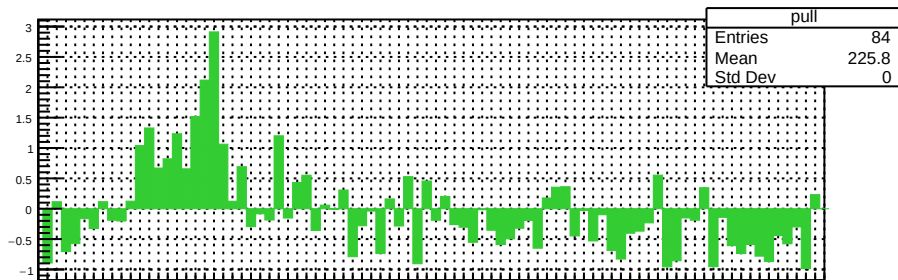
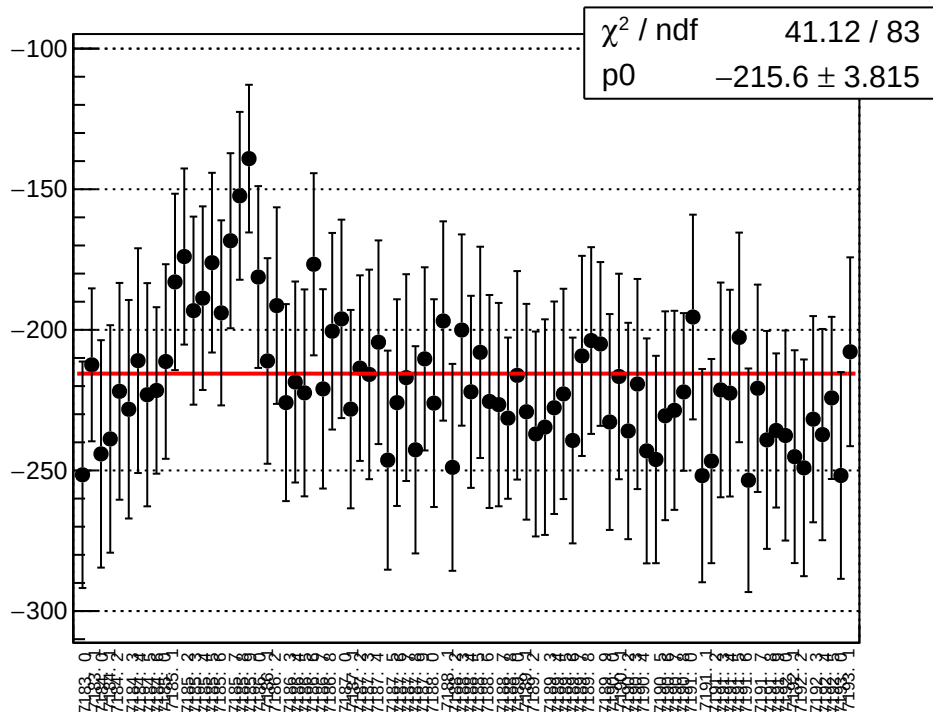
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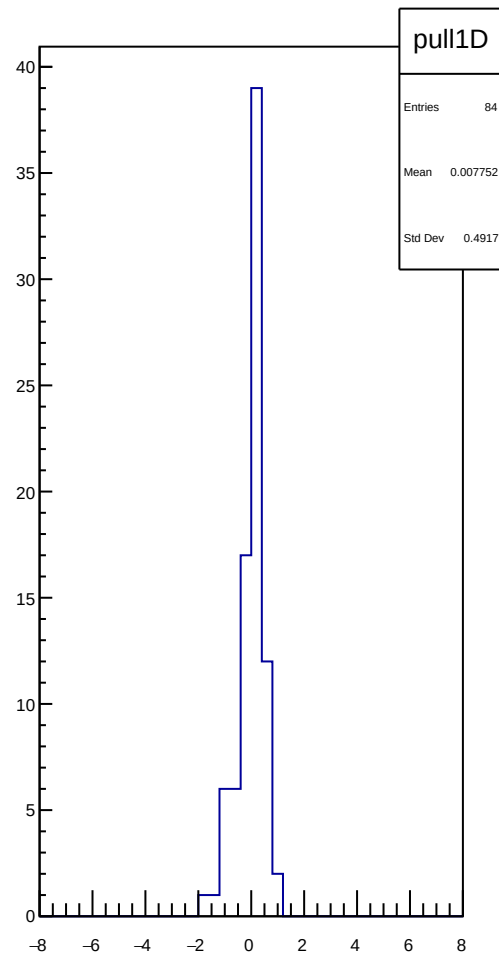
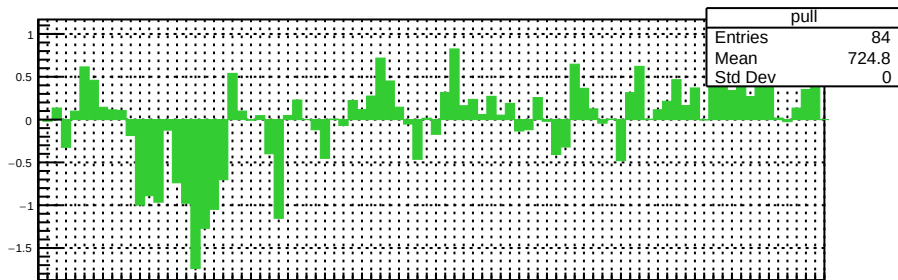
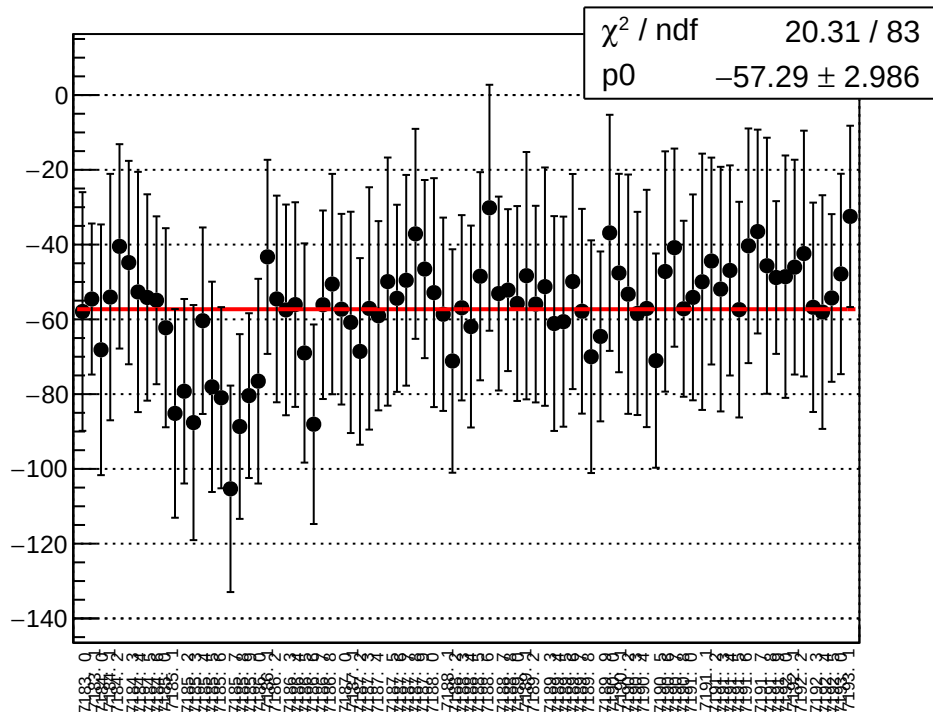
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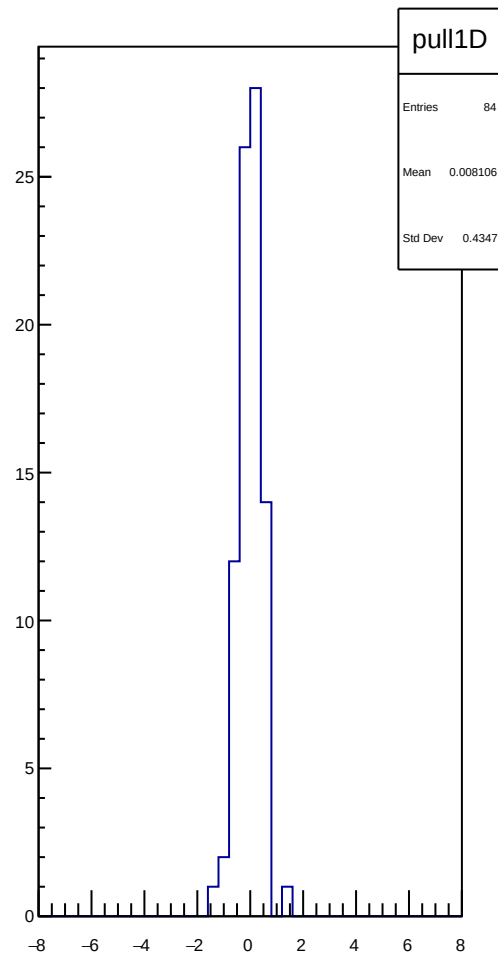
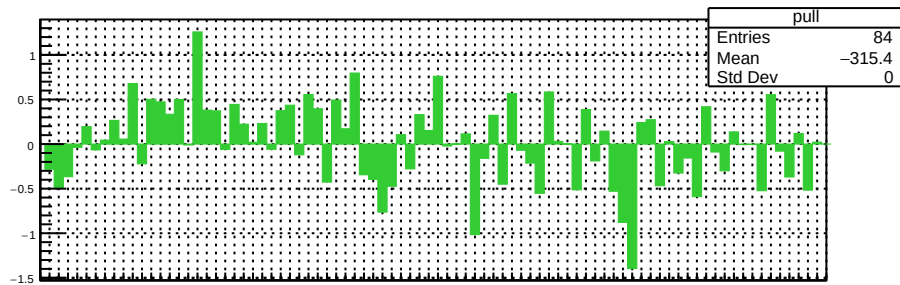
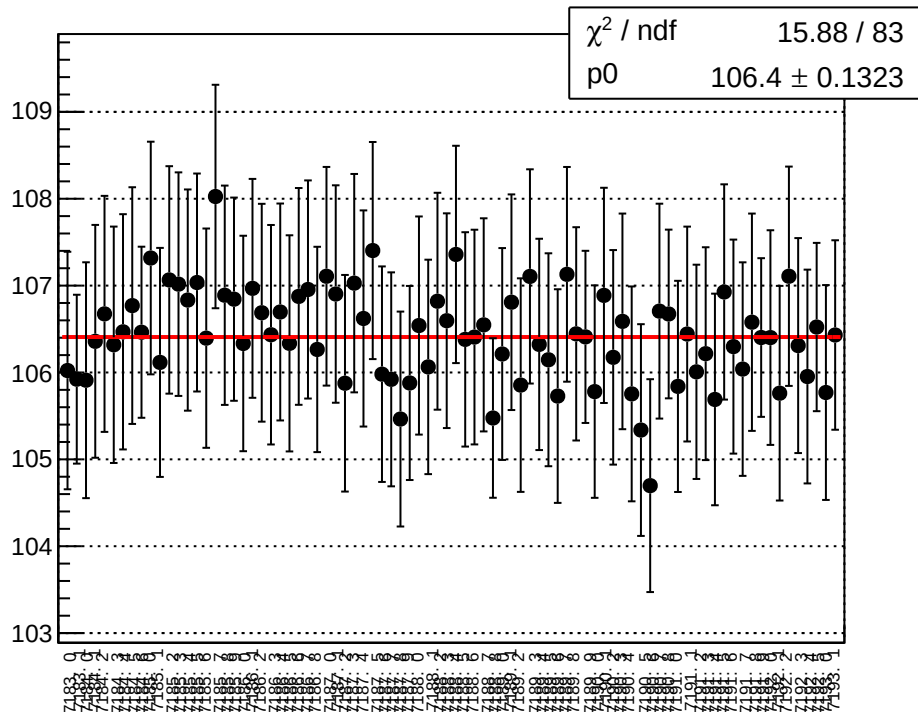
reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs run



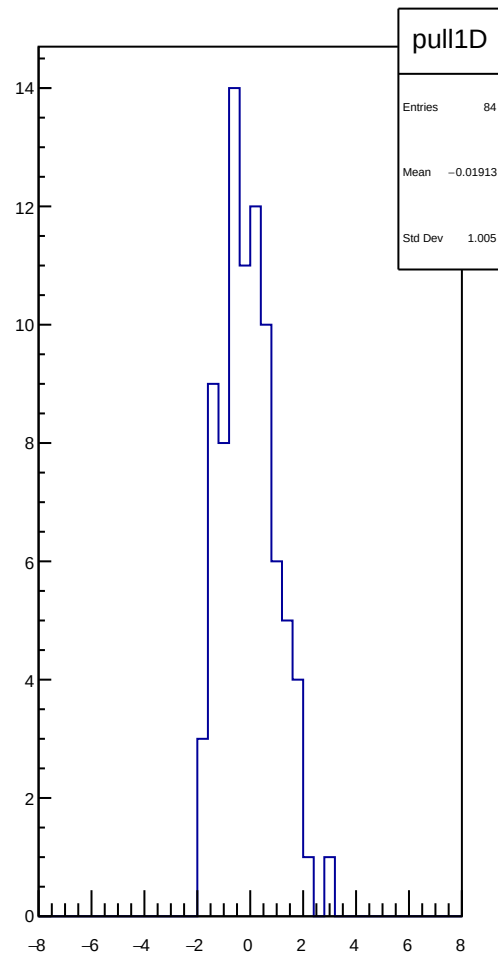
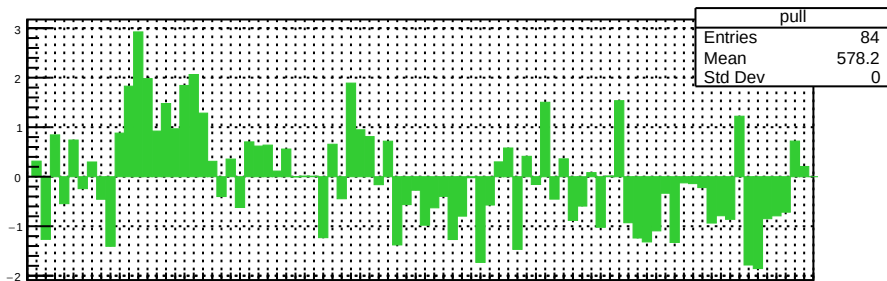
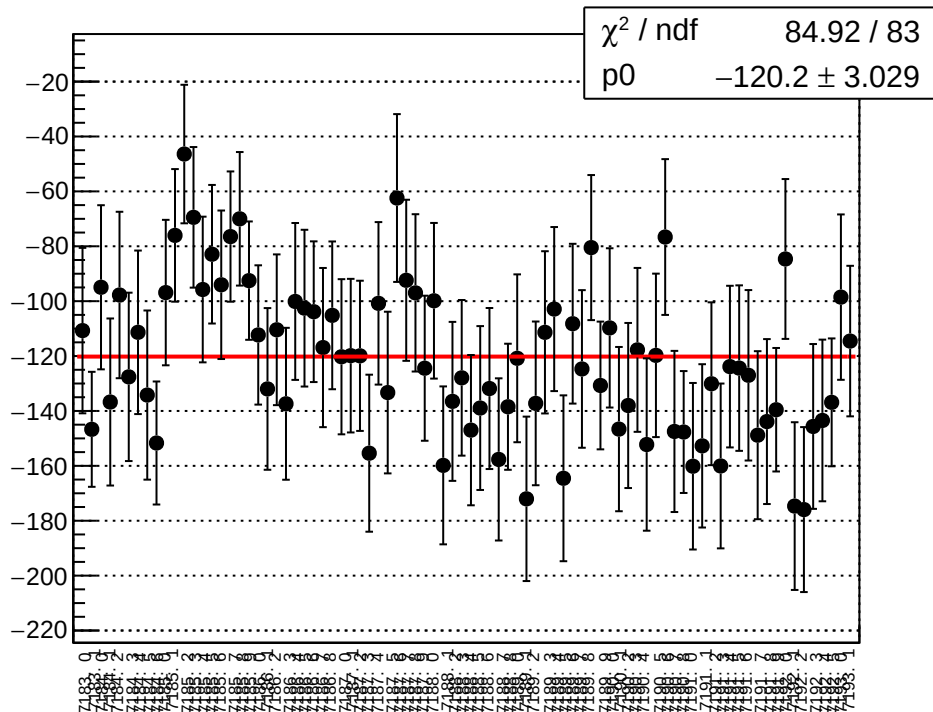
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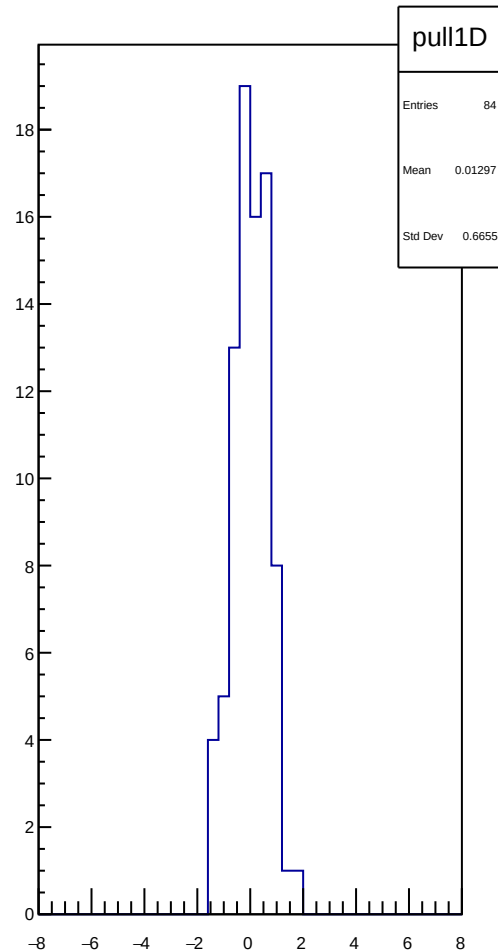
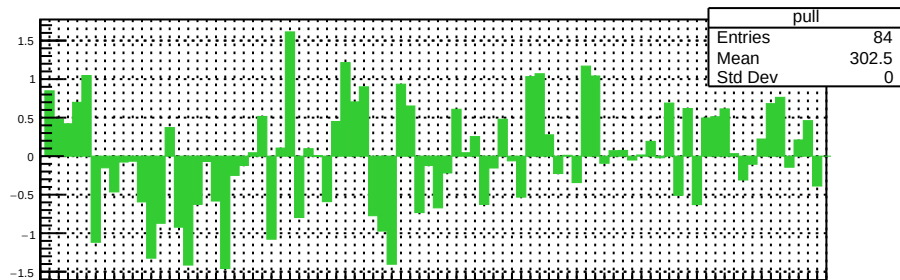
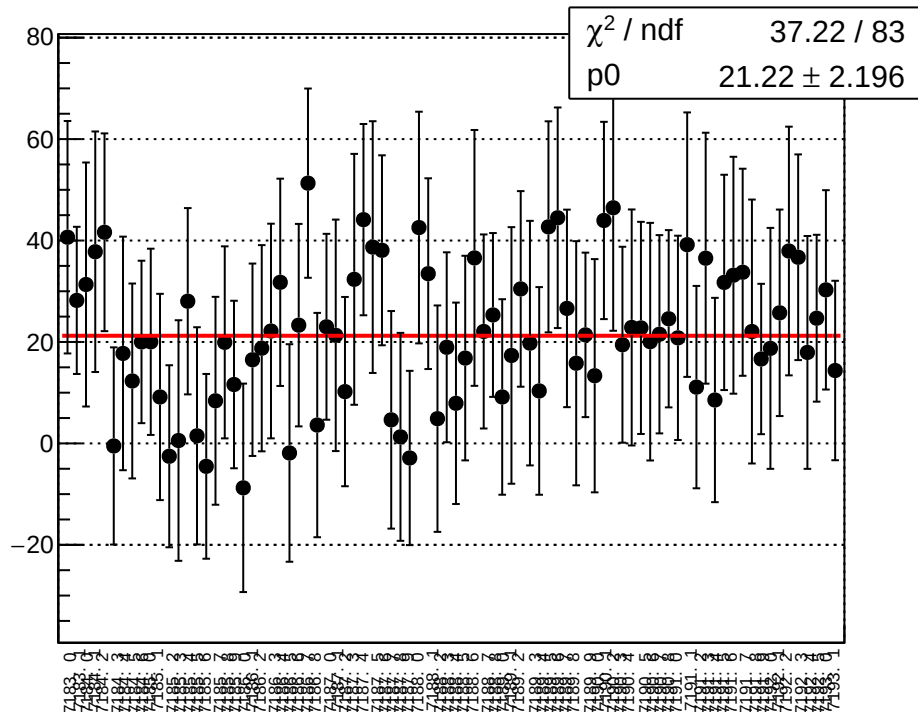
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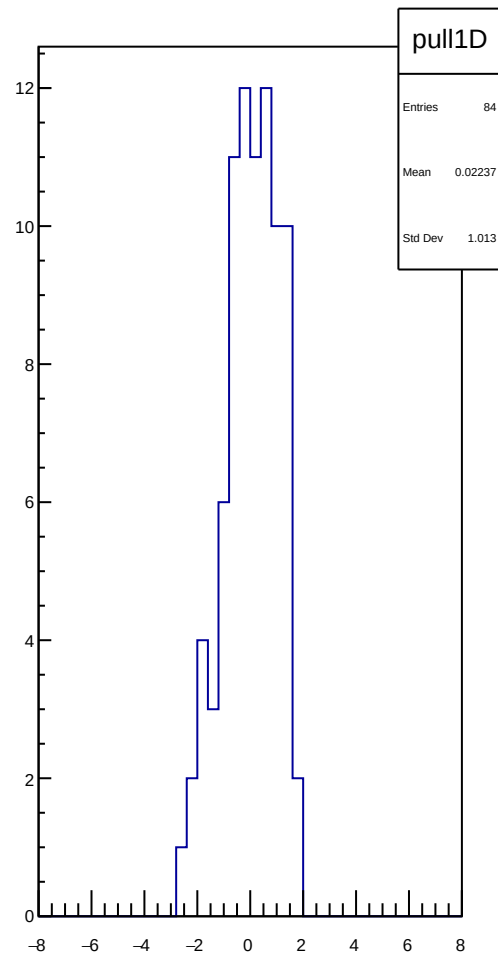
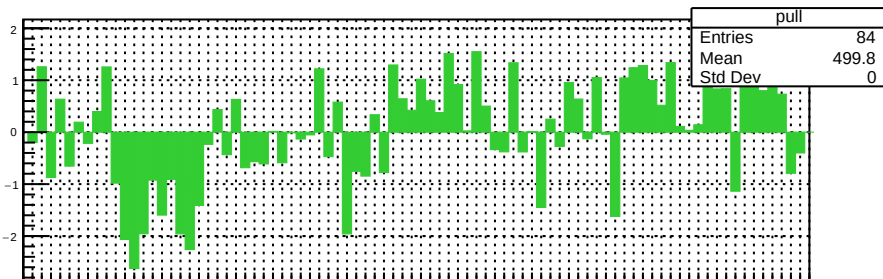
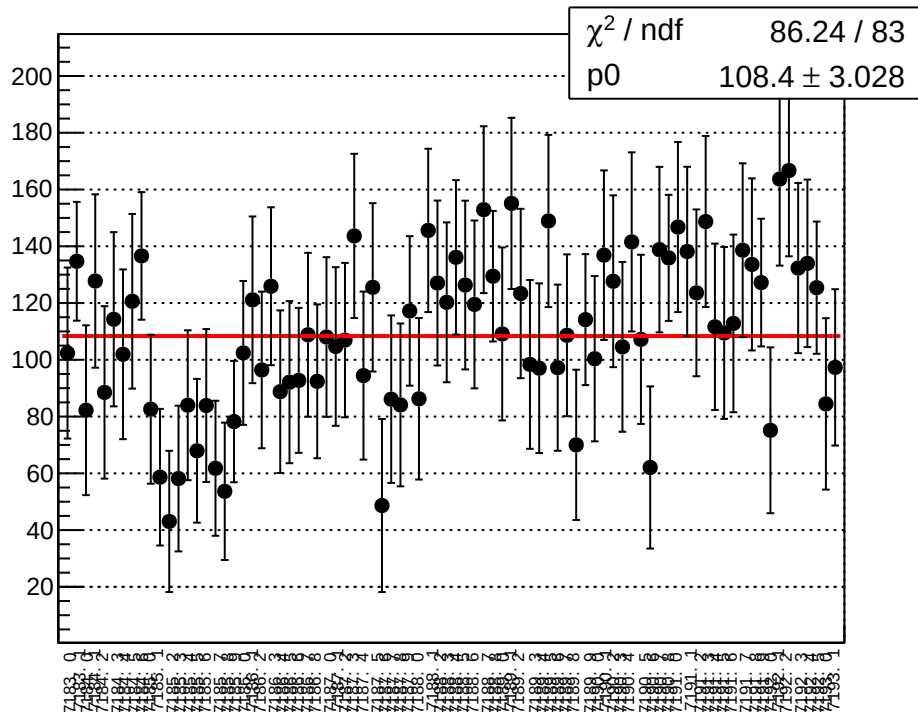
reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs run



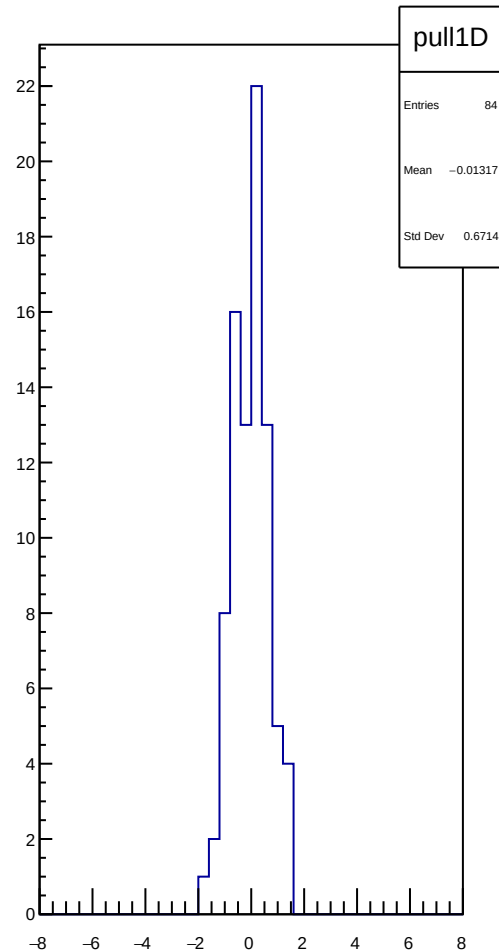
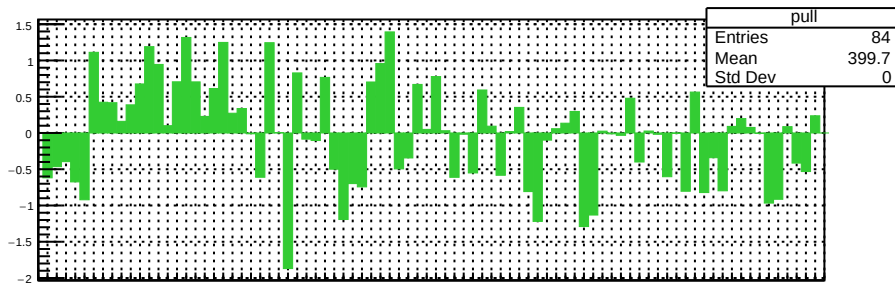
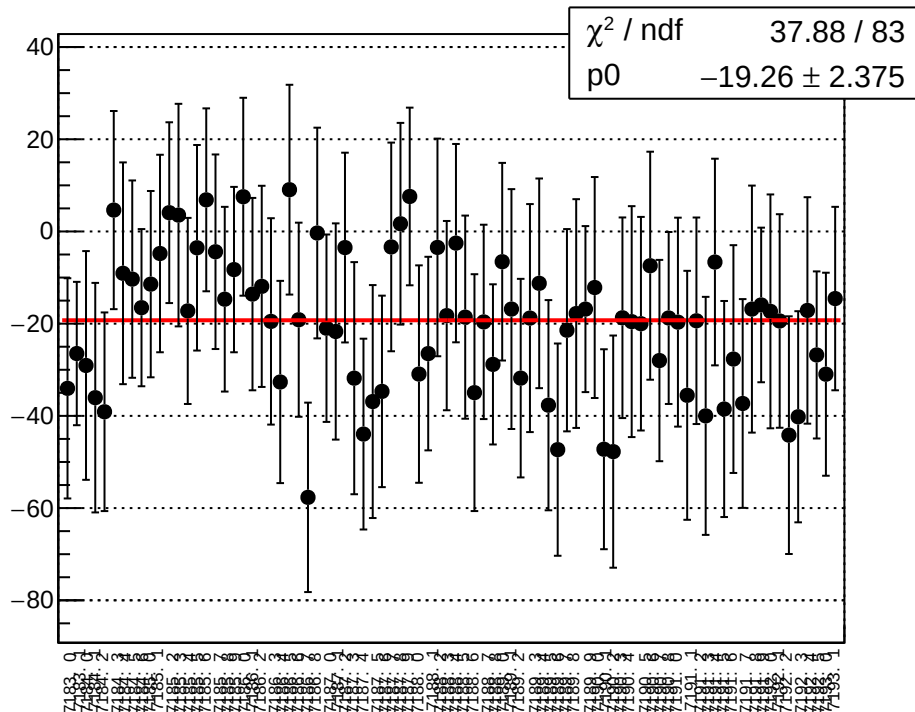
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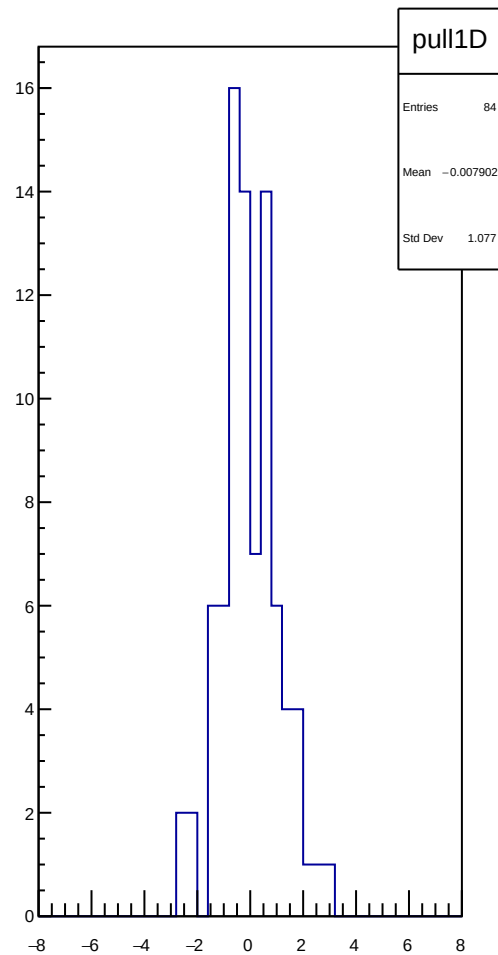
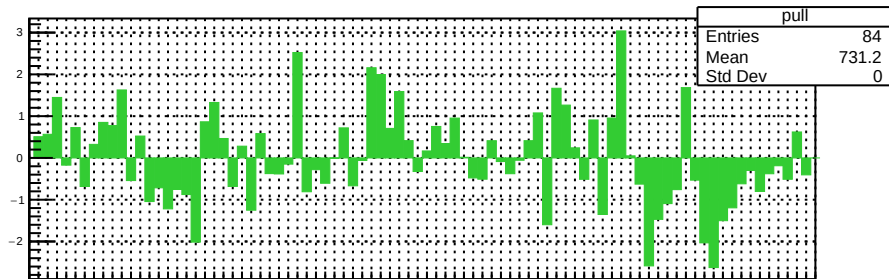
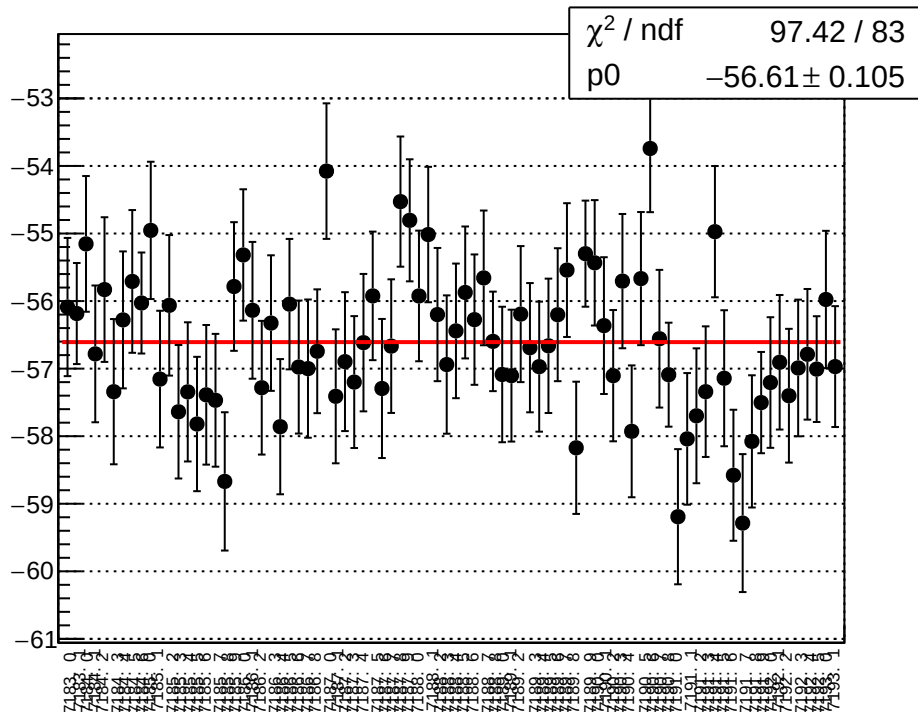
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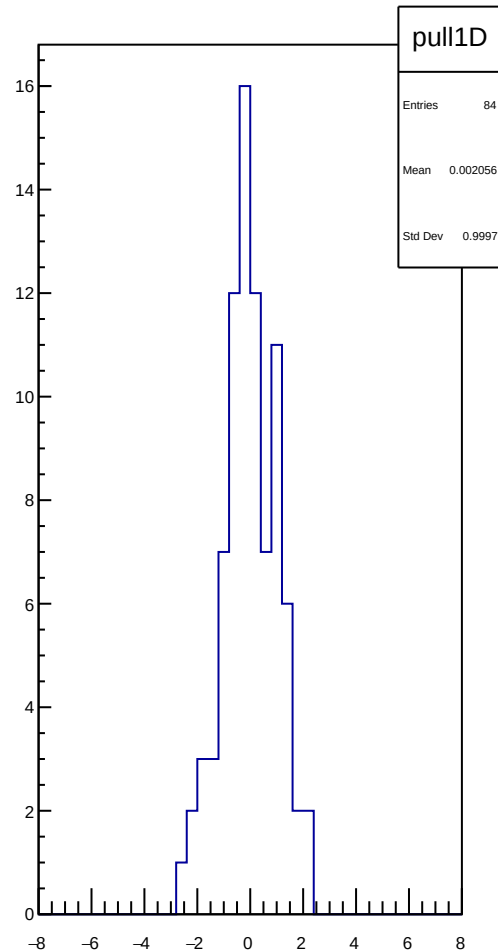
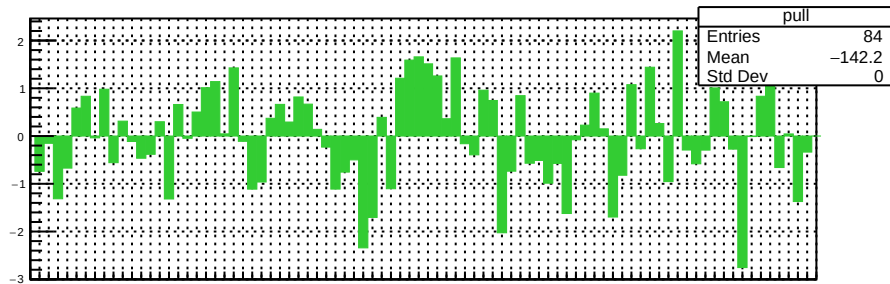
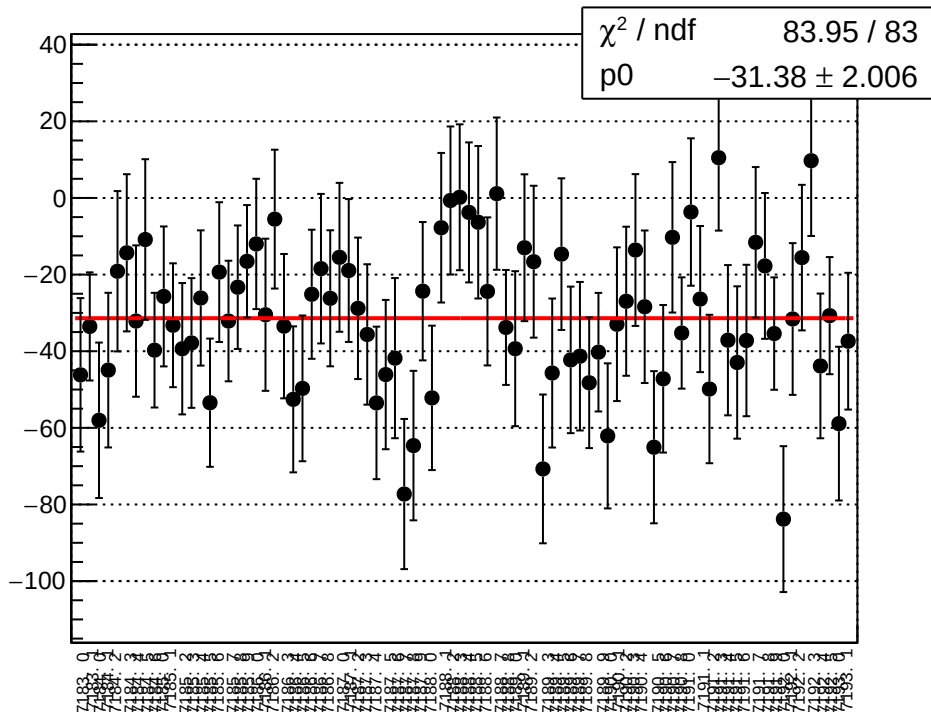
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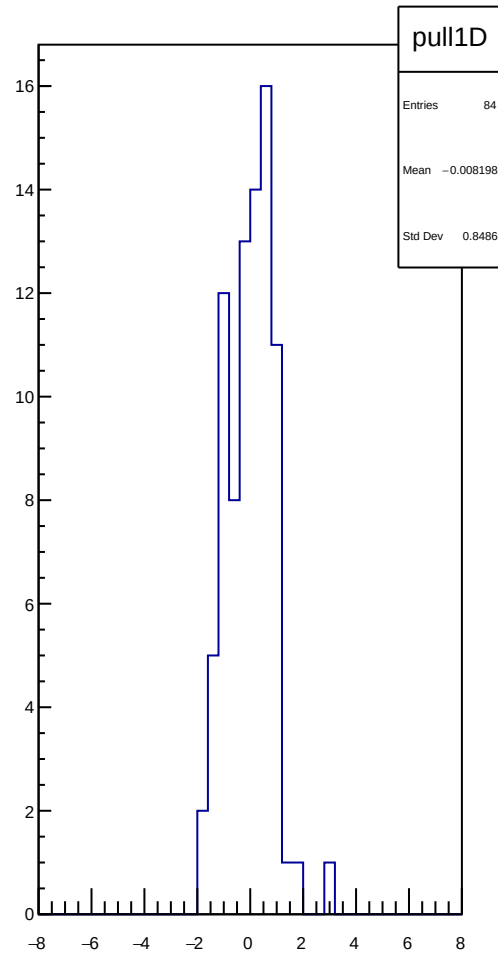
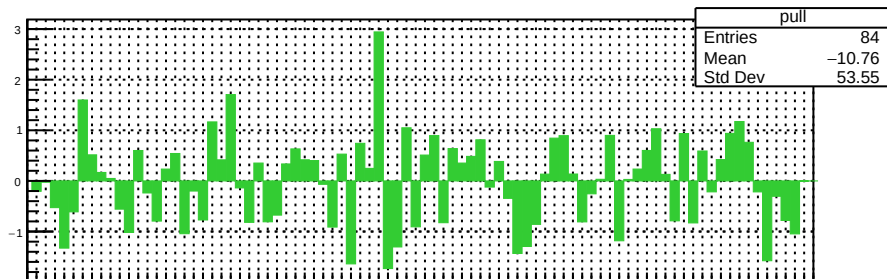
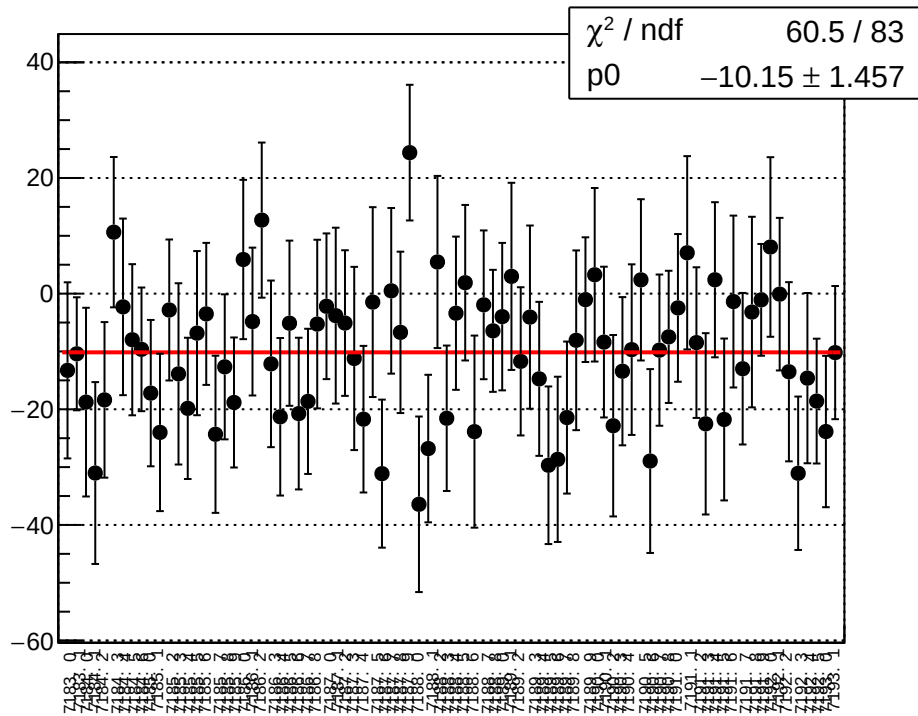
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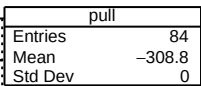
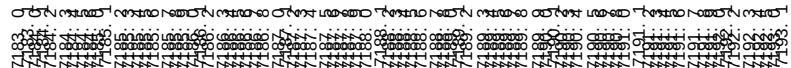
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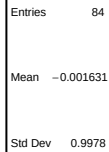
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs run



83.63 / 83

$$42.12 \pm 2.006$$


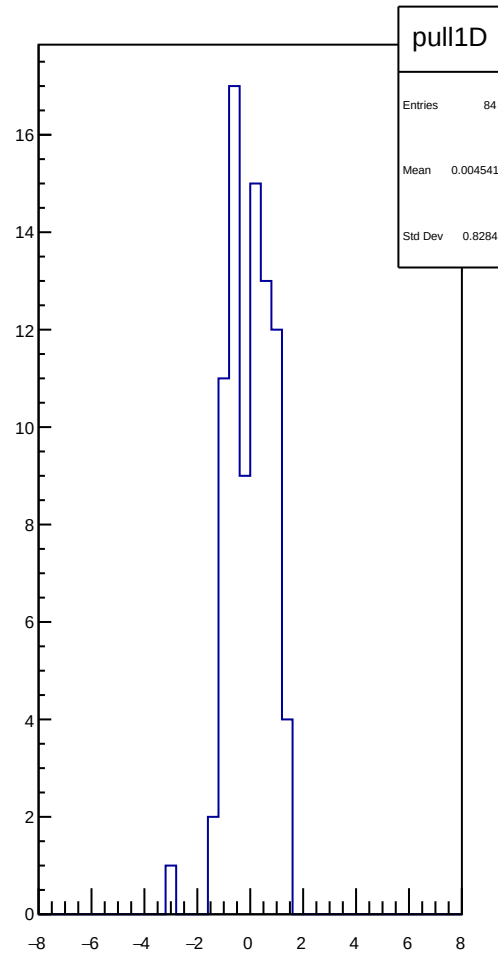
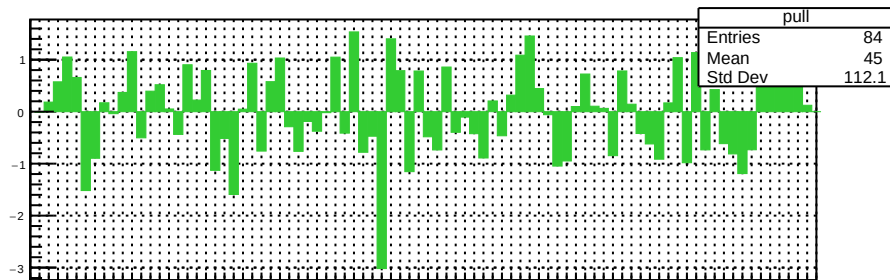
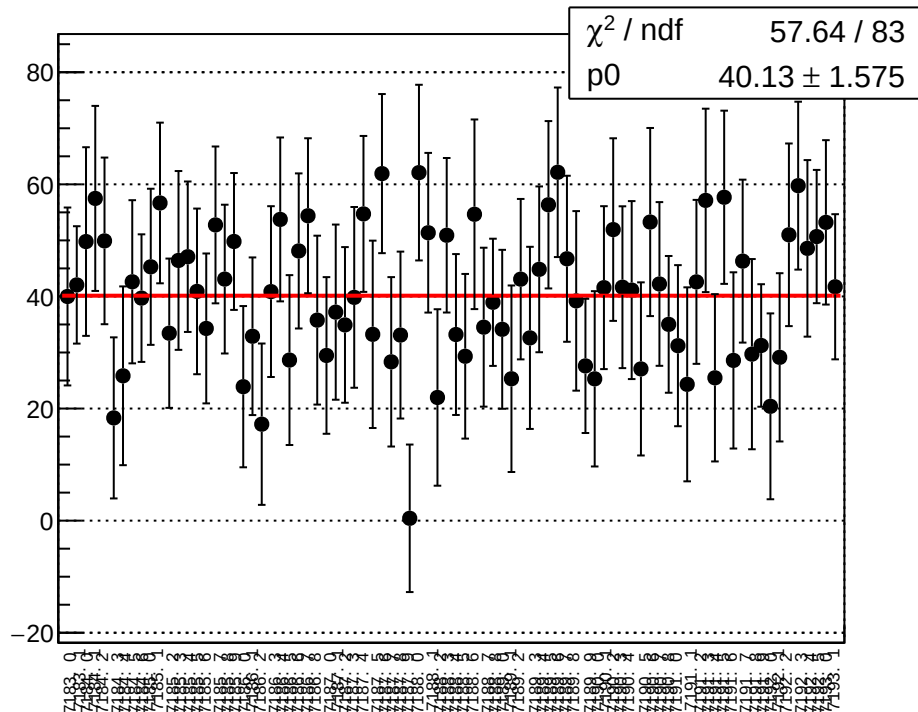
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Mean	-0.001631
Std Dev	0.9978



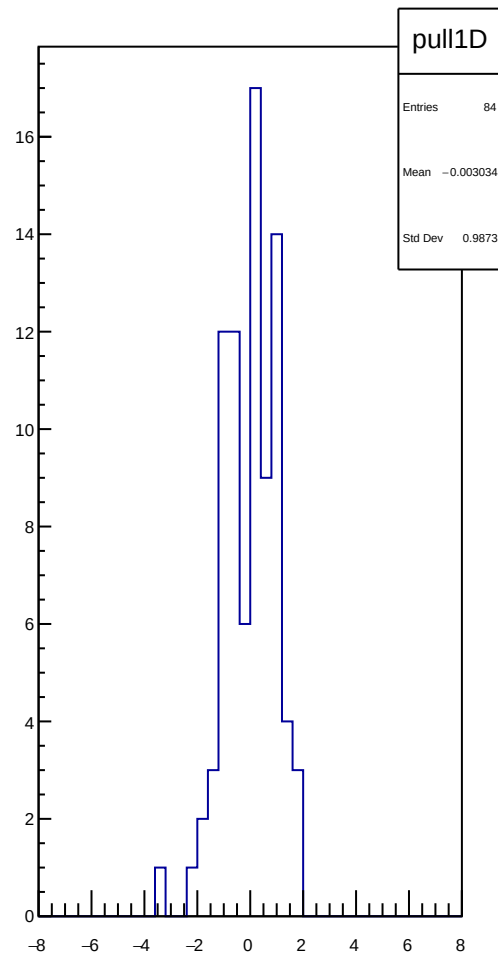
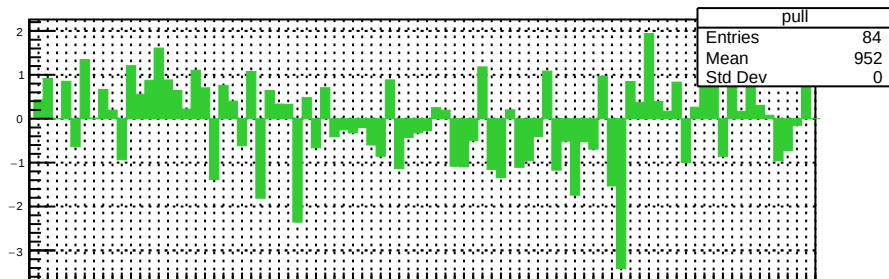
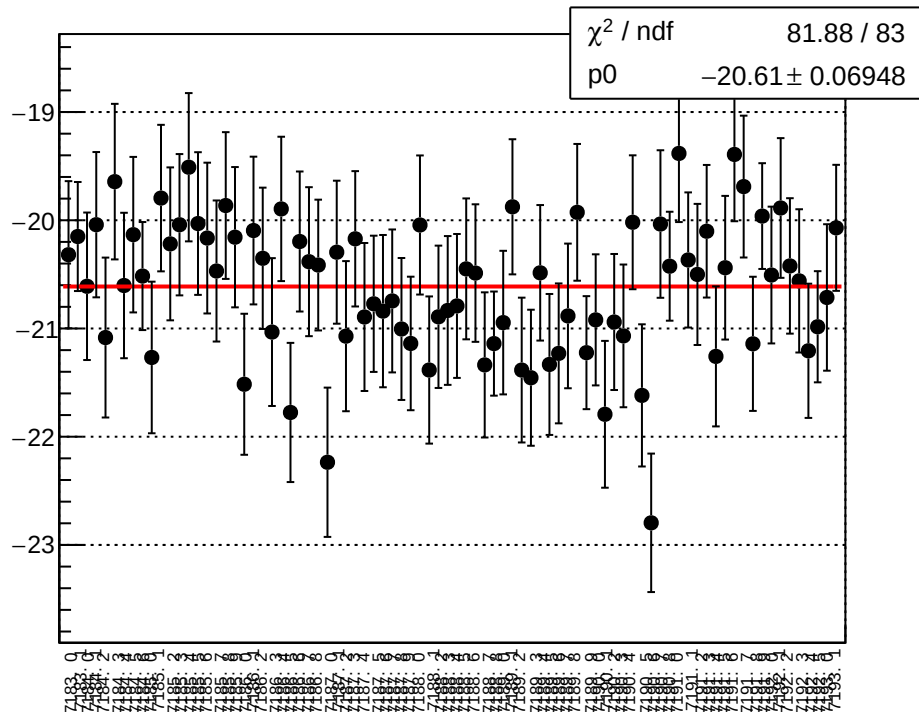
Mean	-0.001631
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Std Dev	0,9978
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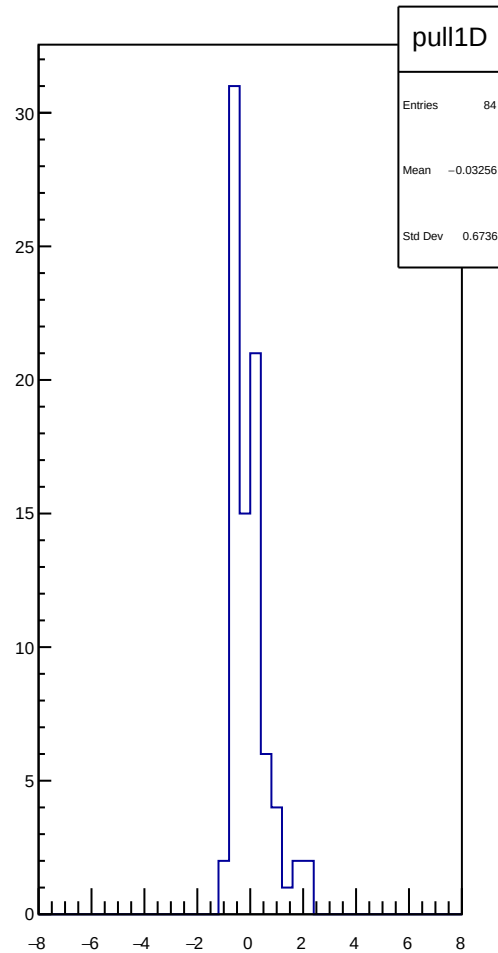
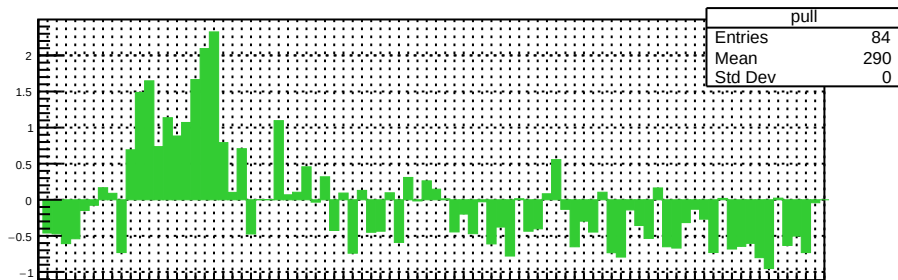
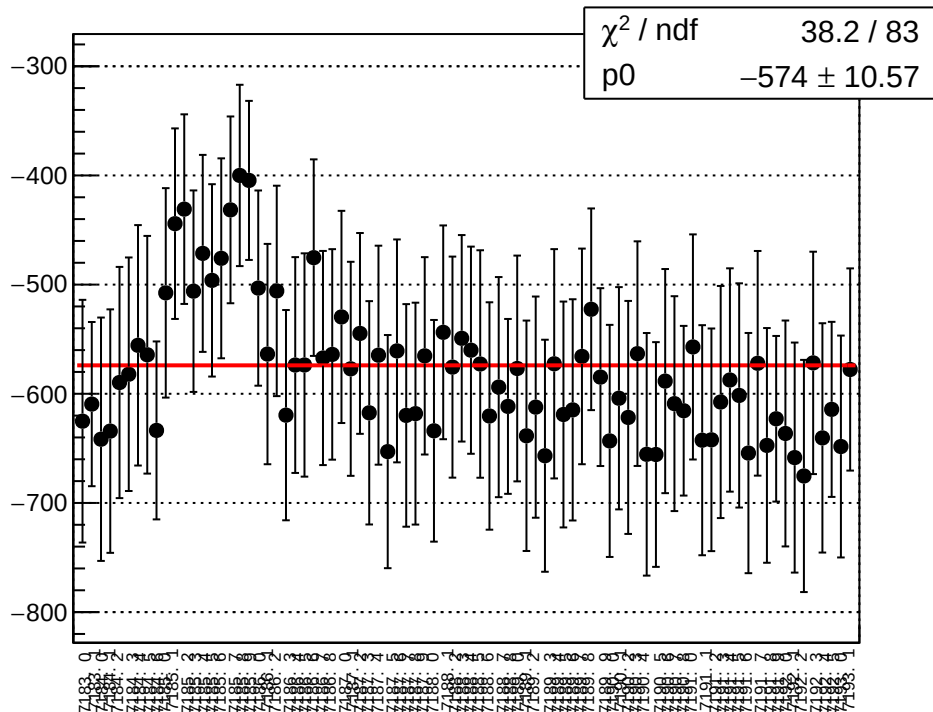
reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs run



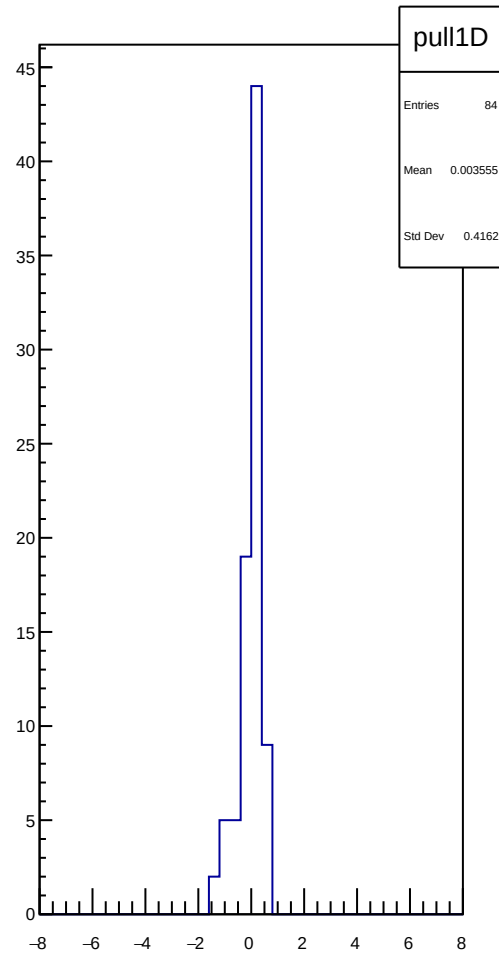
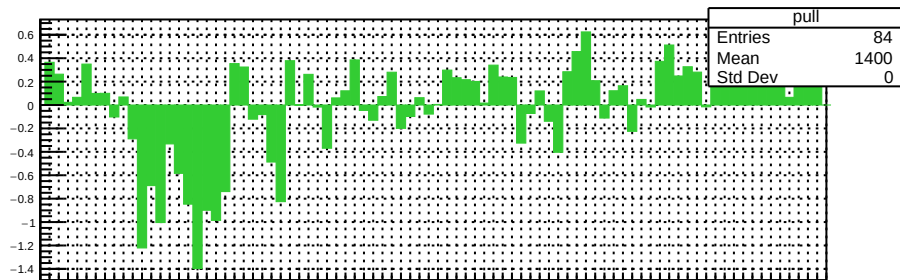
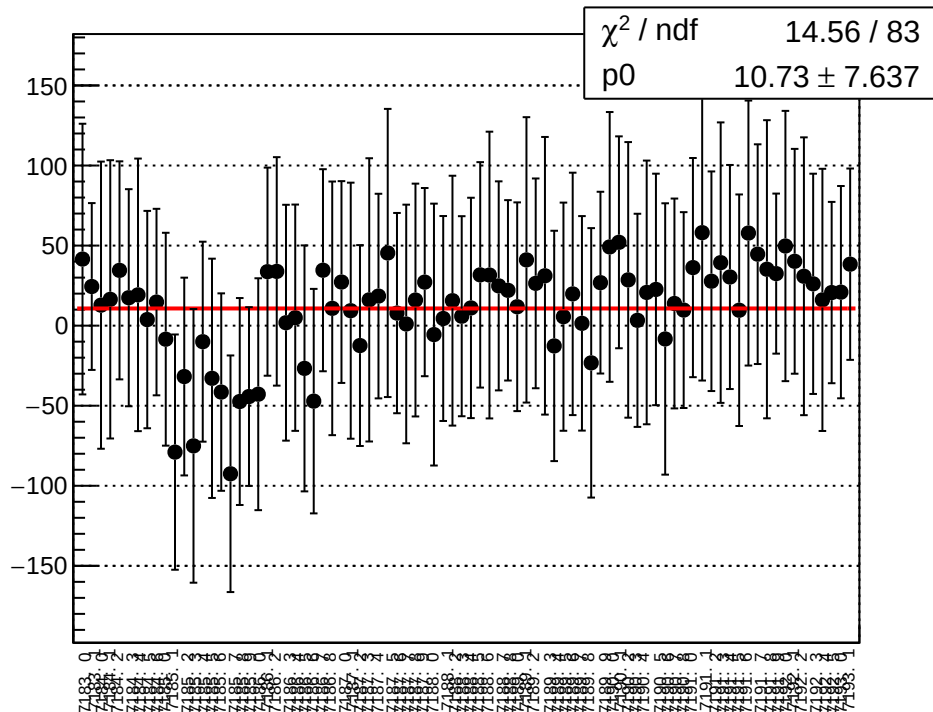
reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs run



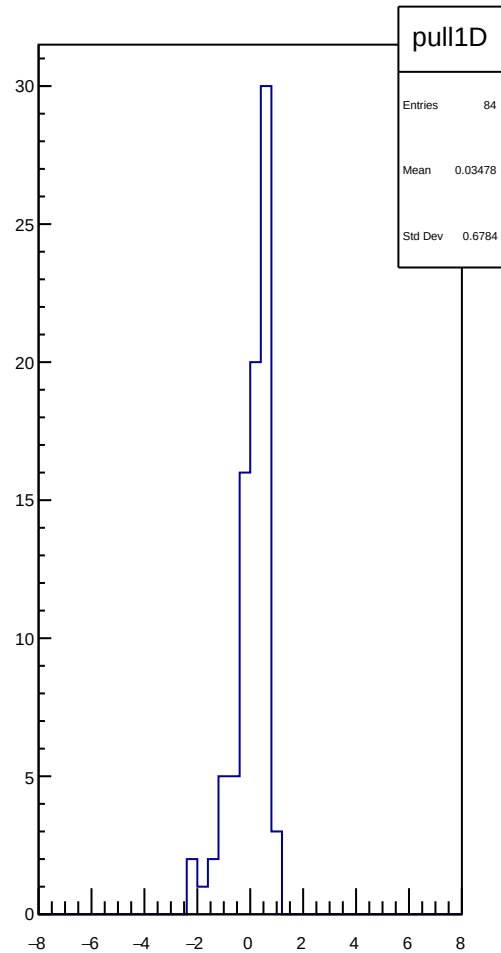
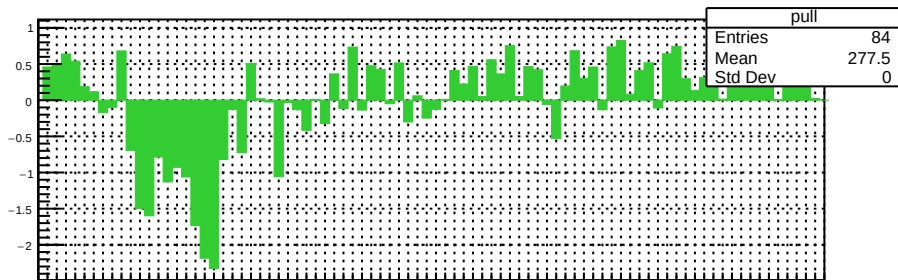
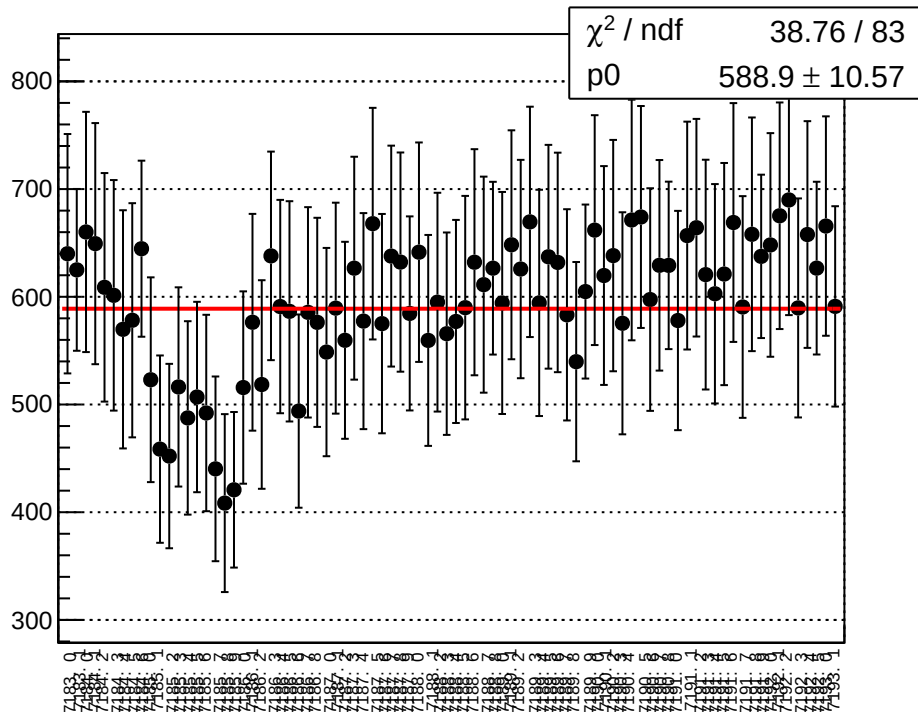
reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs run



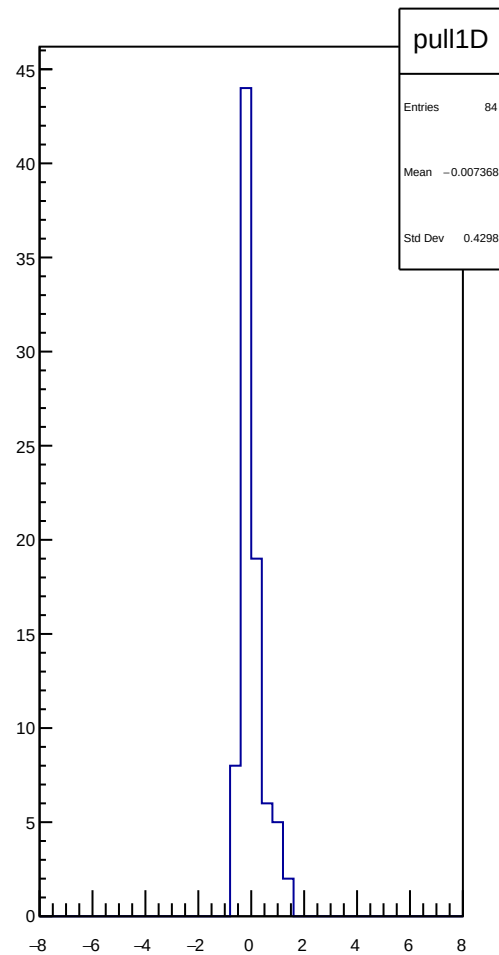
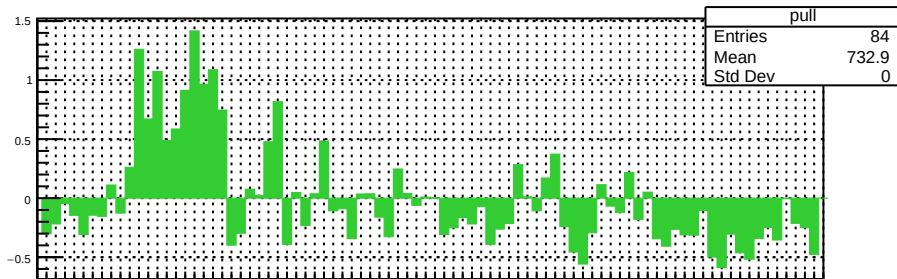
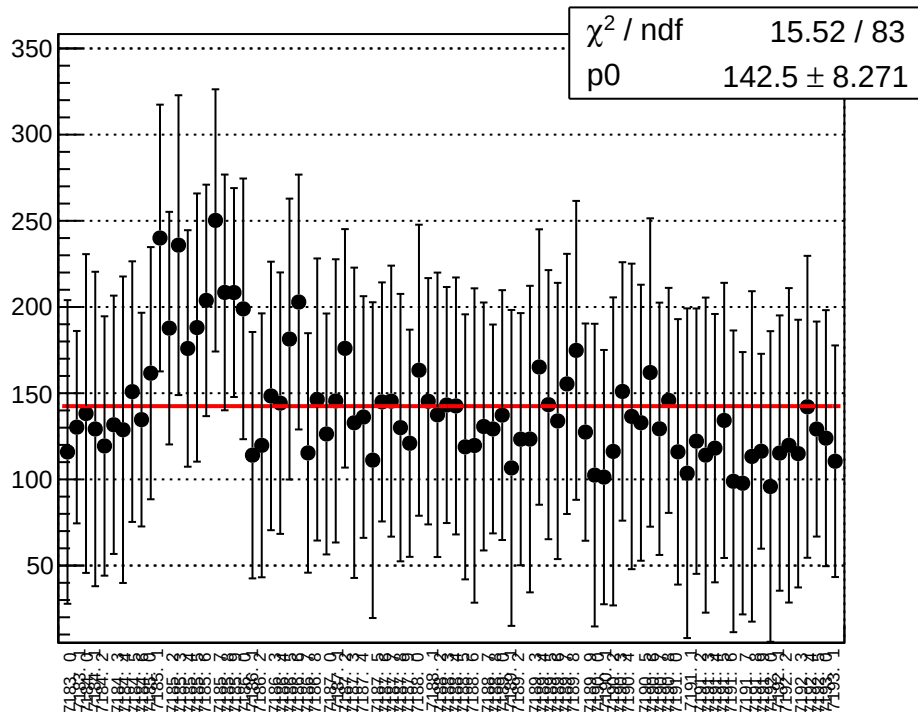
reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs run



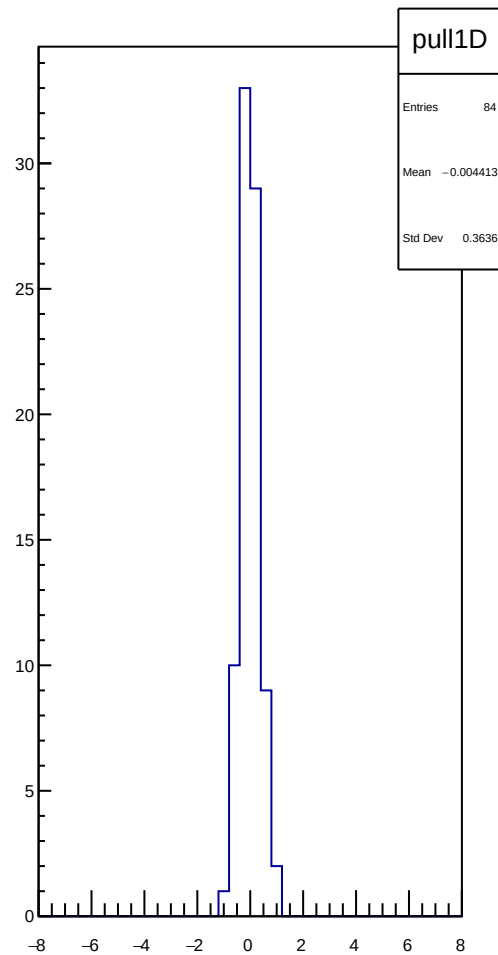
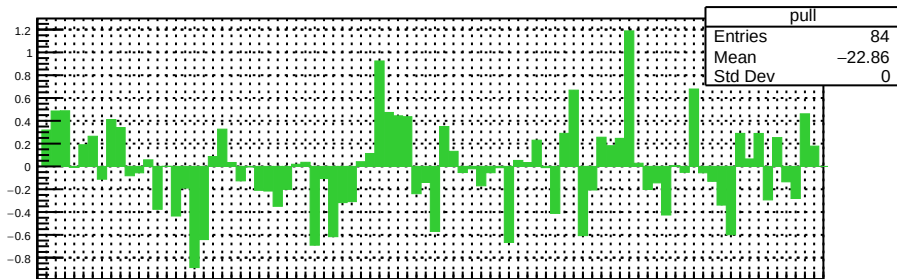
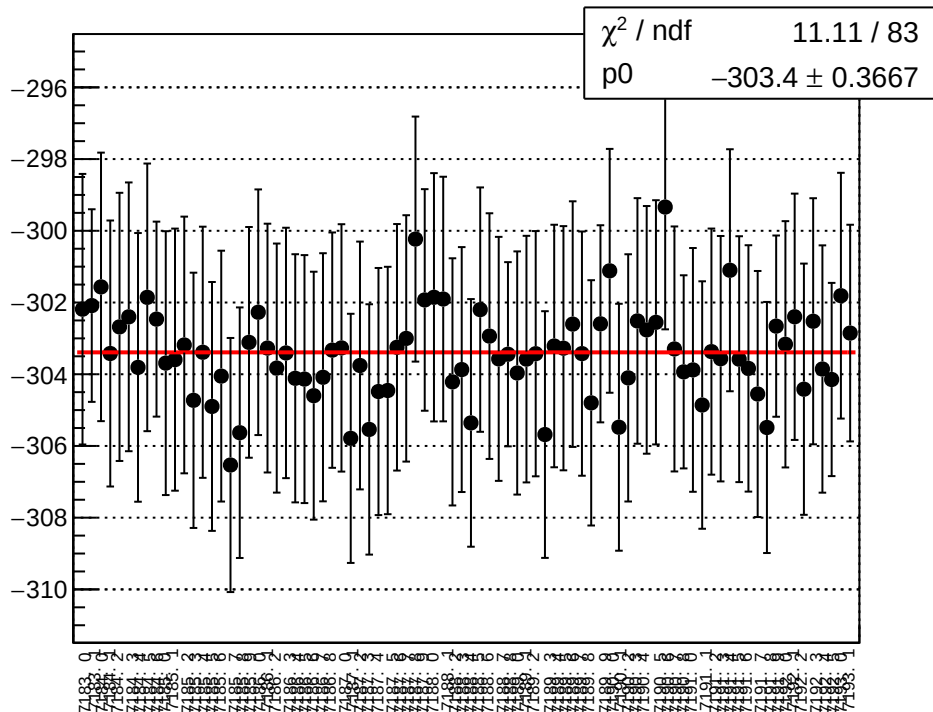
reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs run



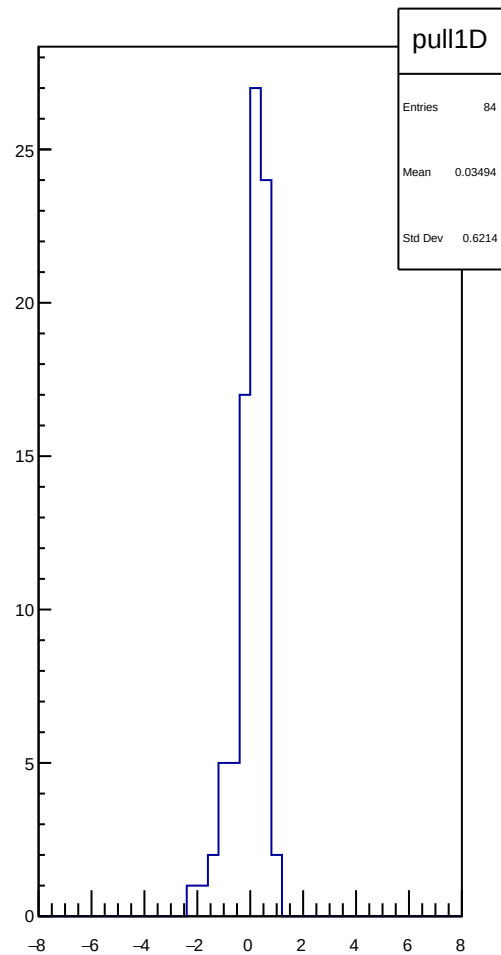
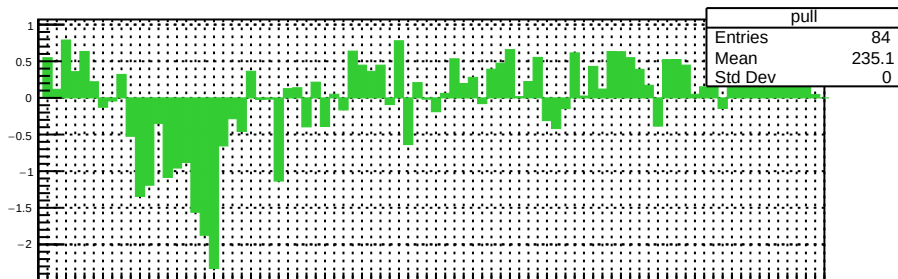
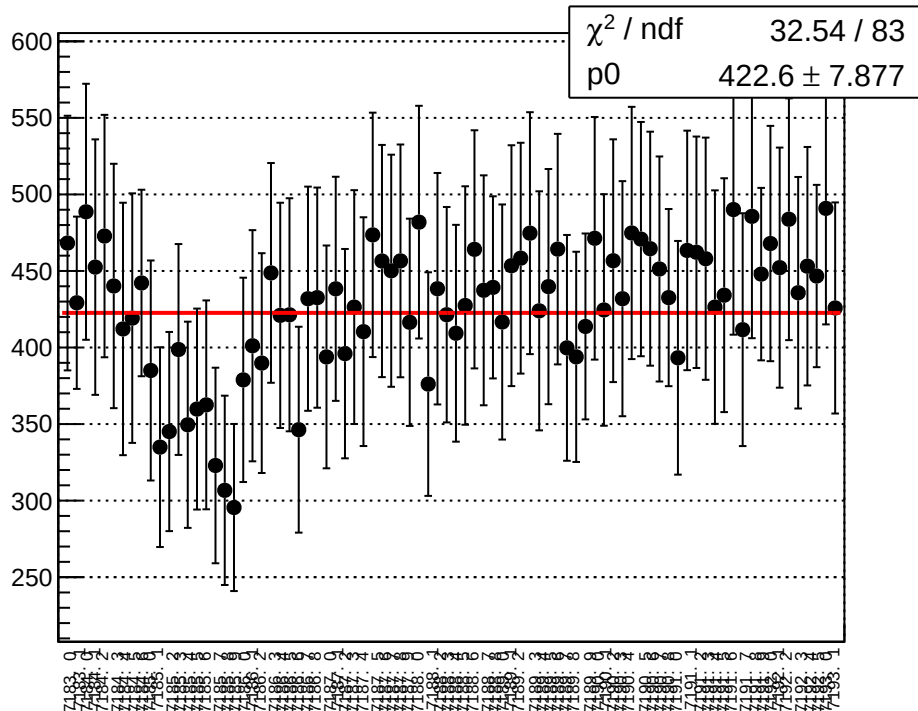
reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs run



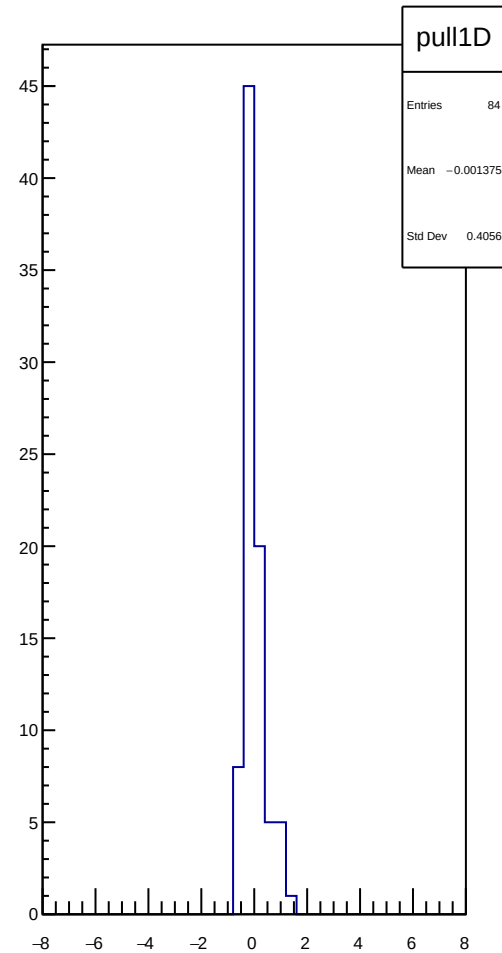
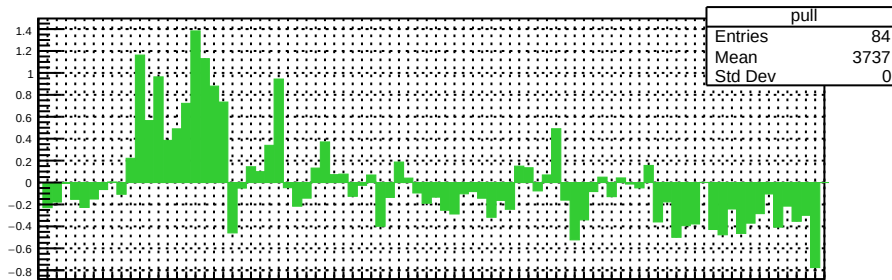
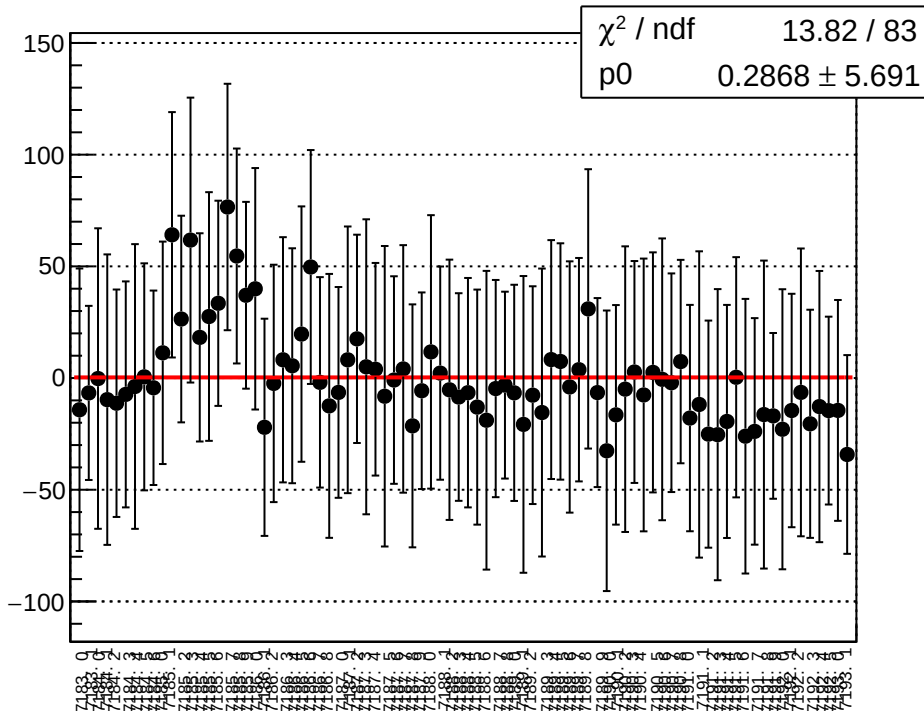
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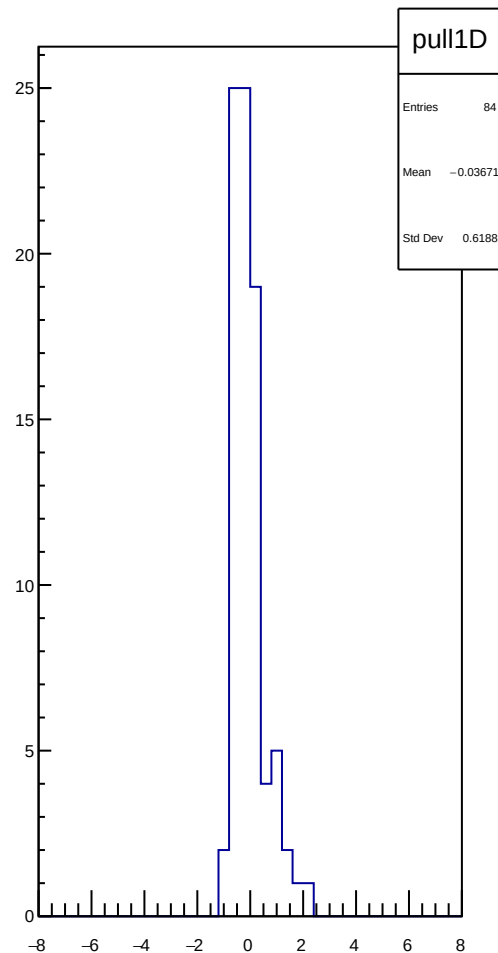
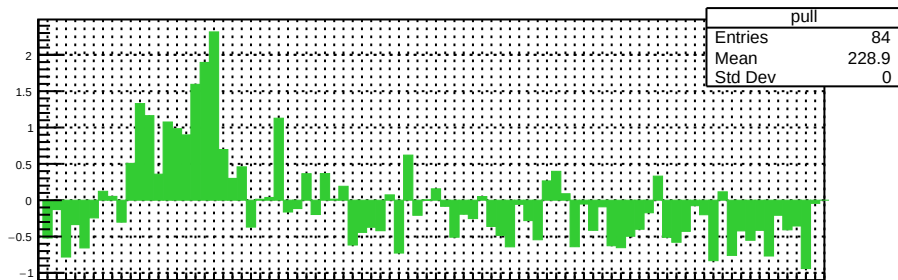
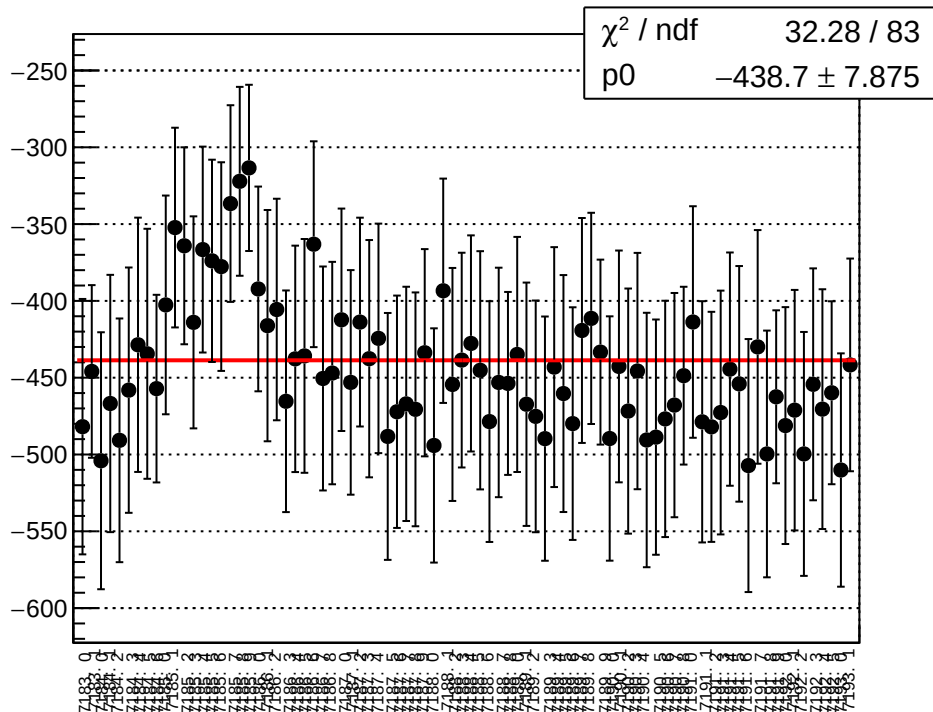
reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs run



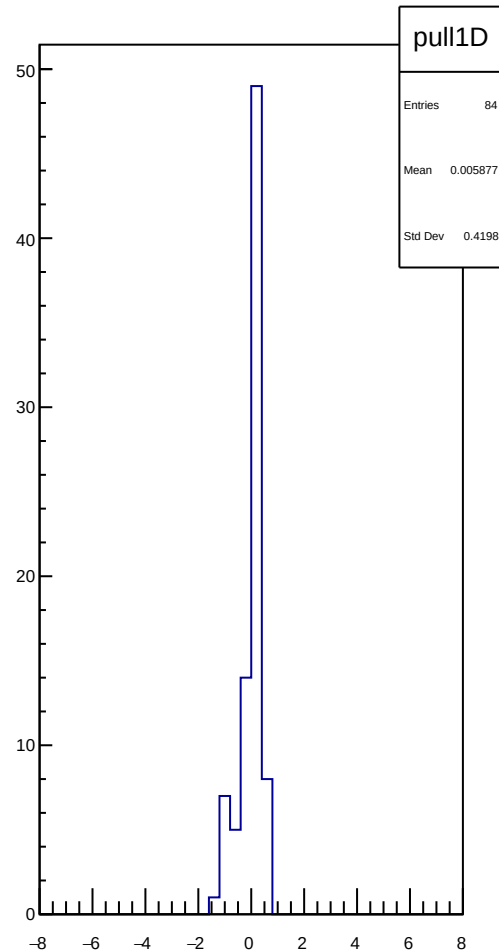
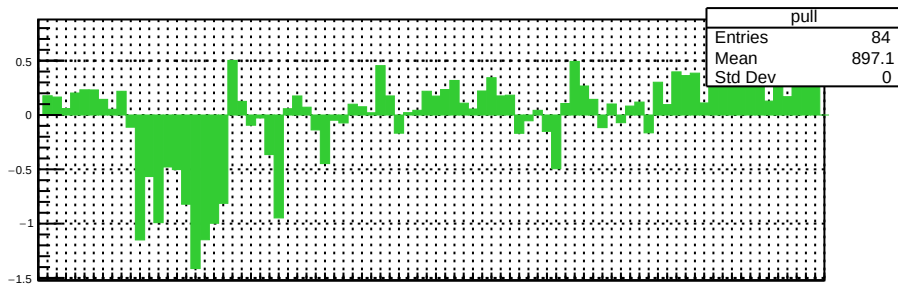
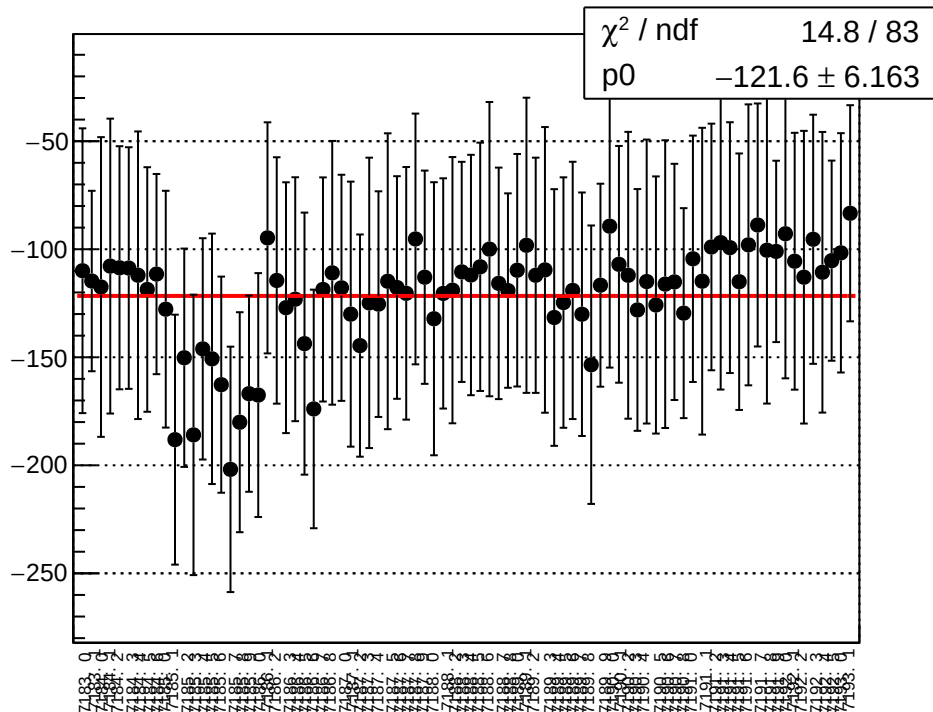
reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs run



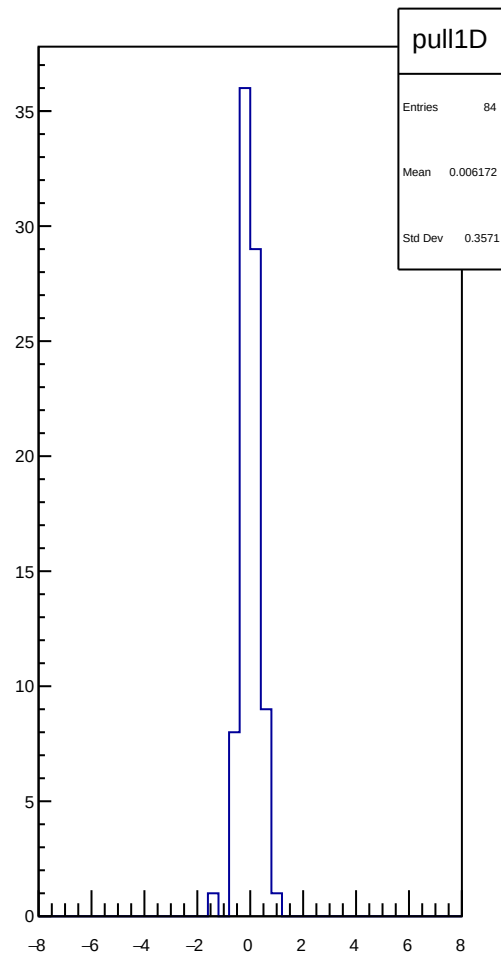
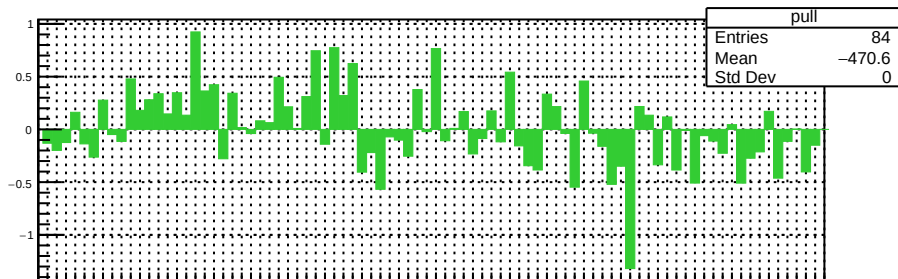
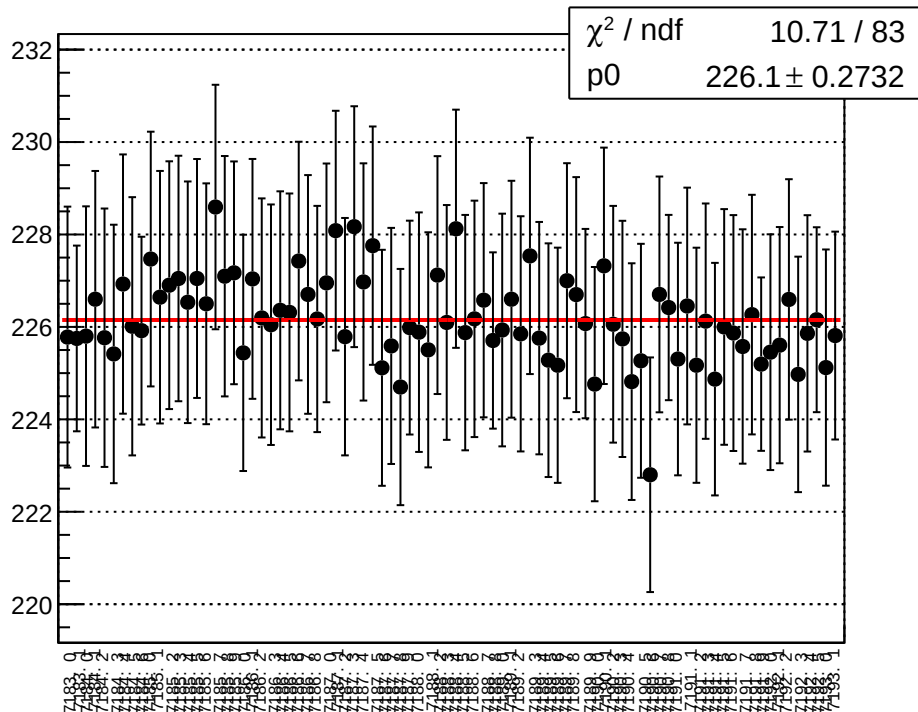
reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs run



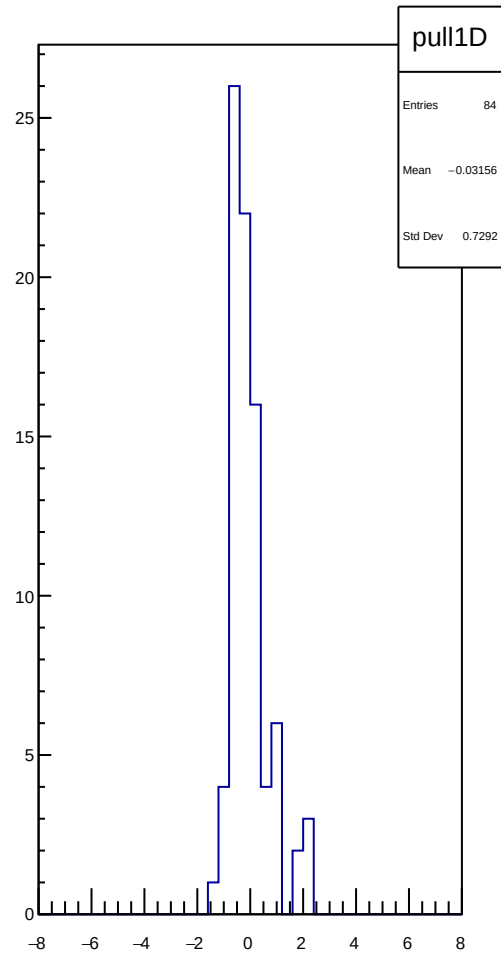
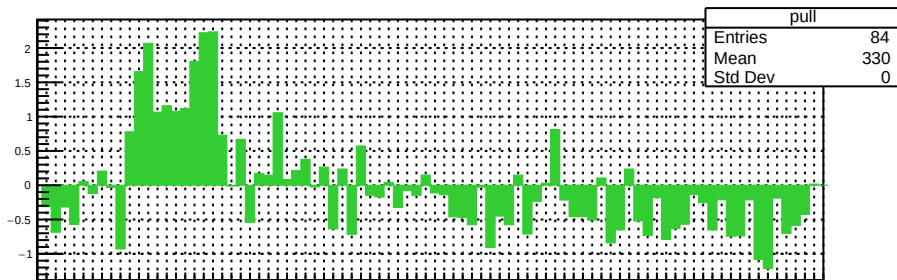
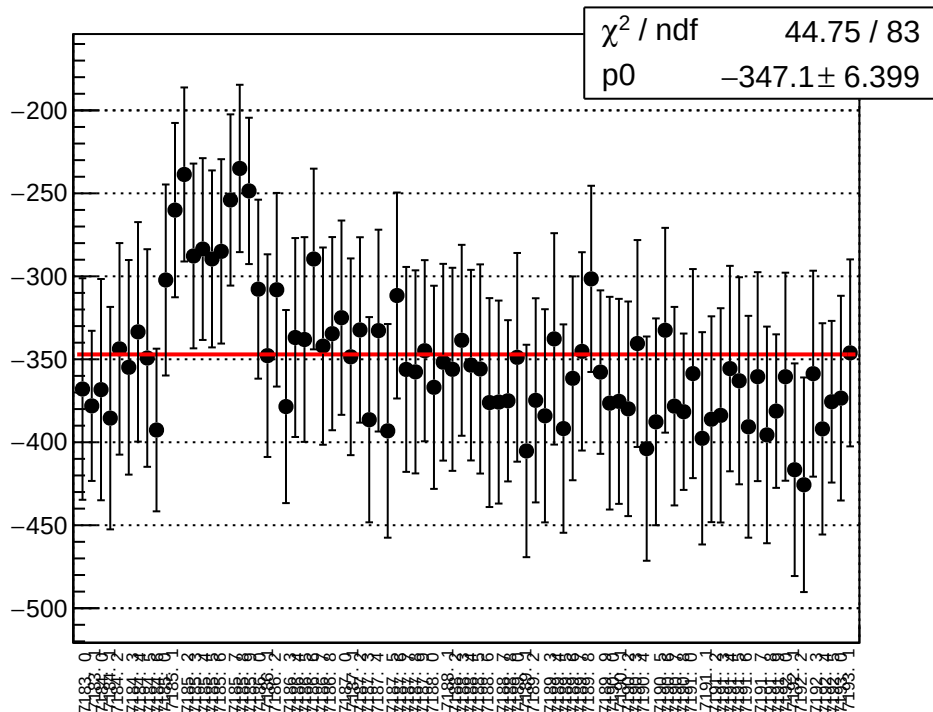
reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs run



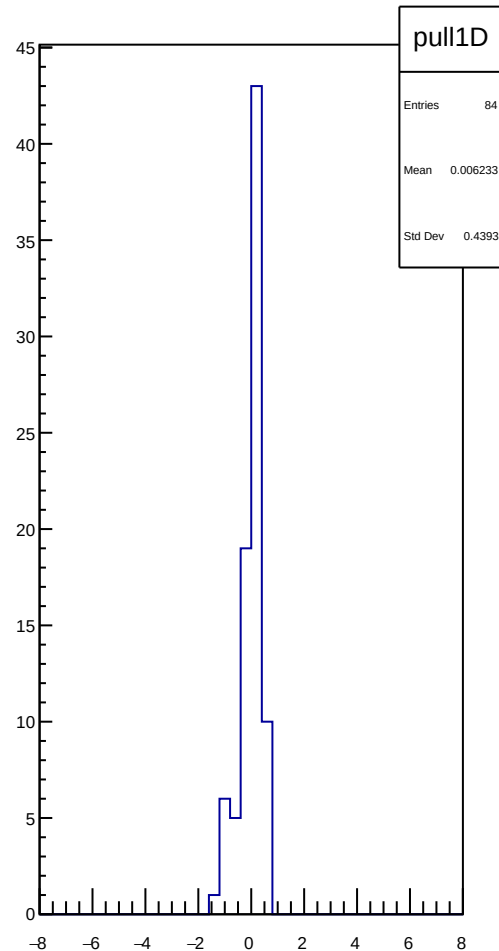
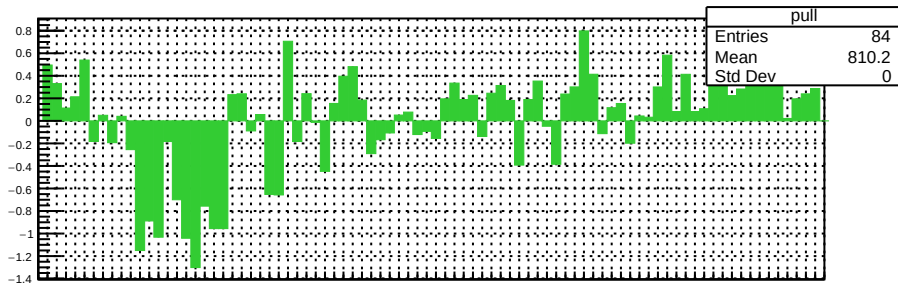
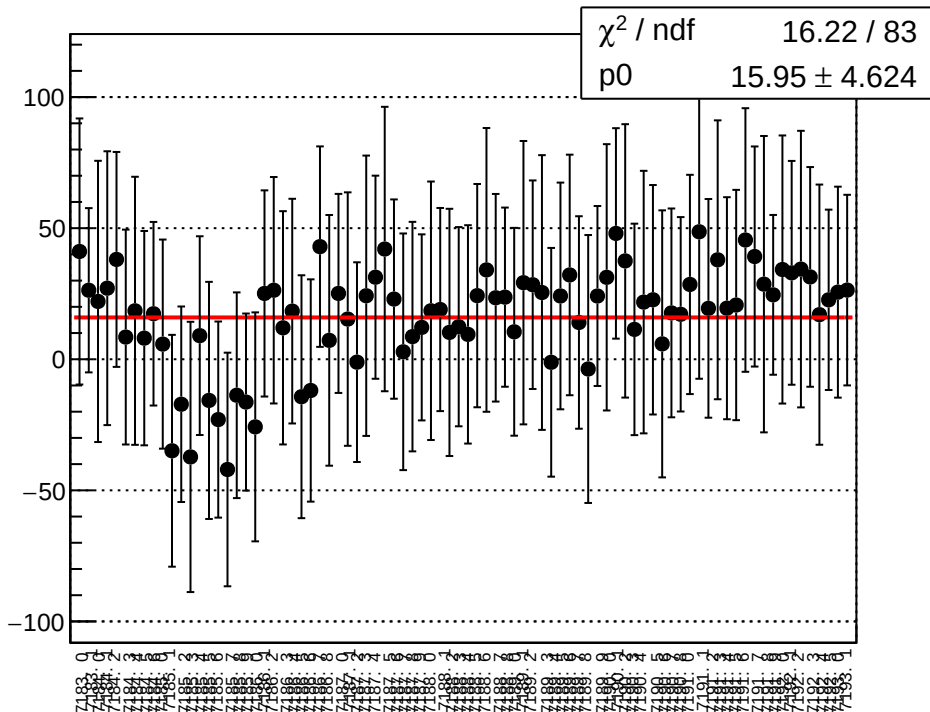
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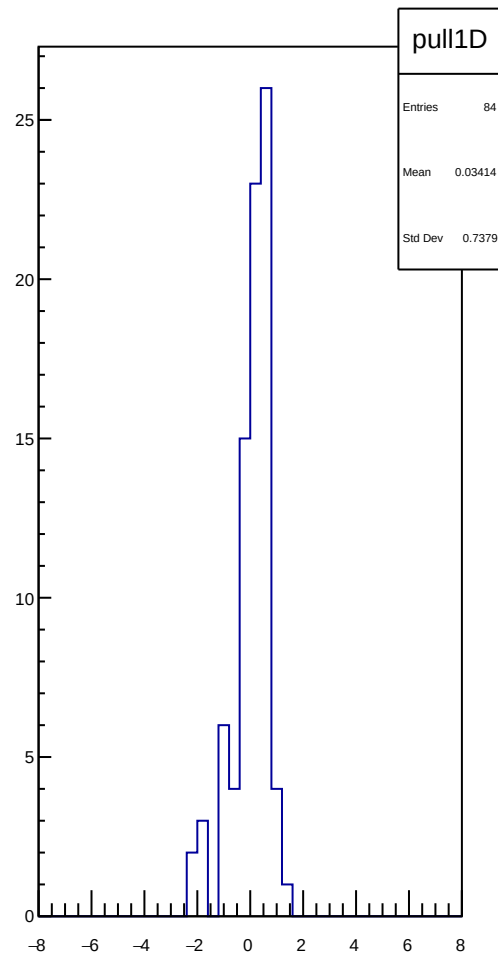
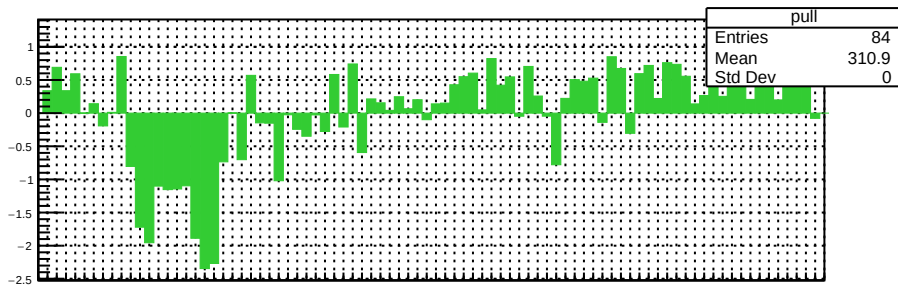
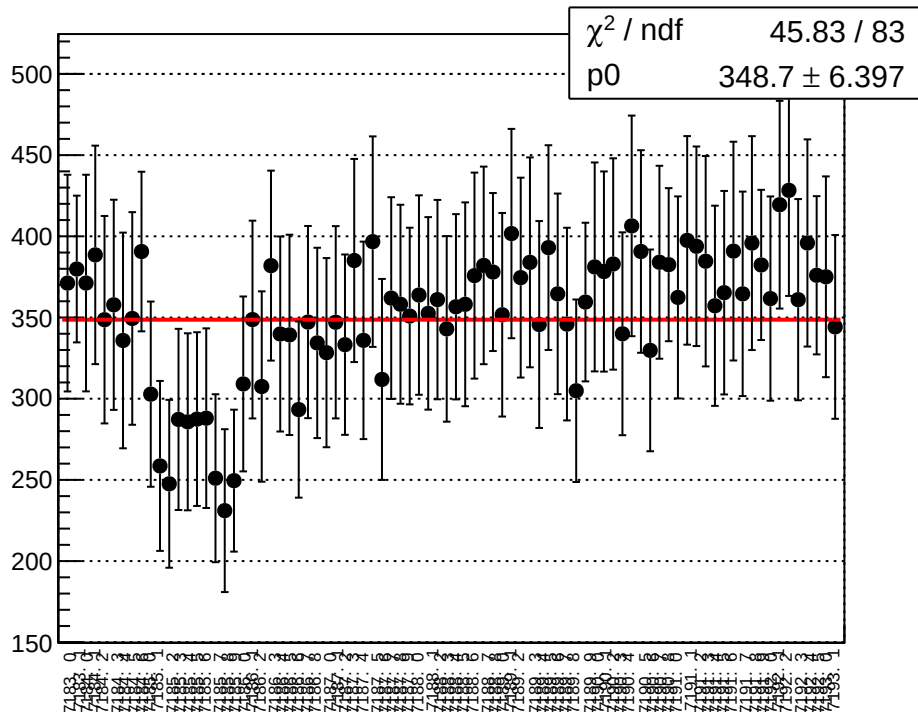
reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs run



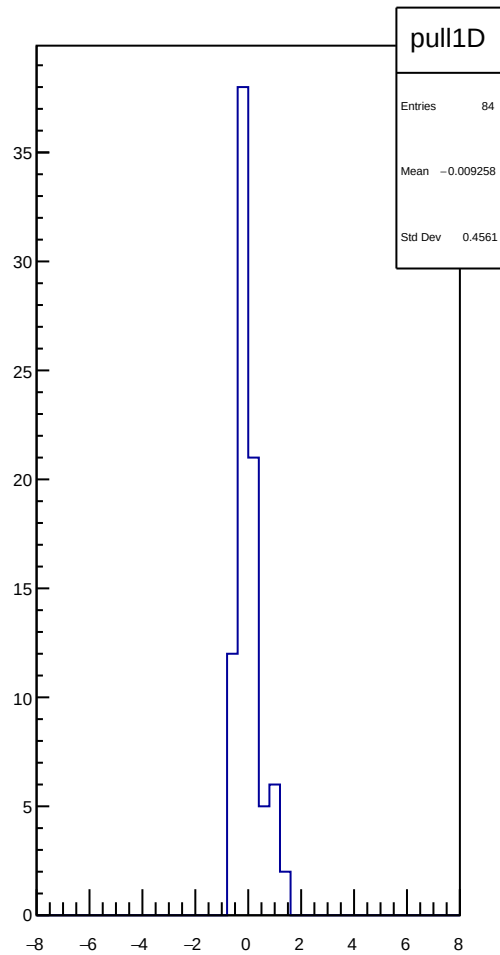
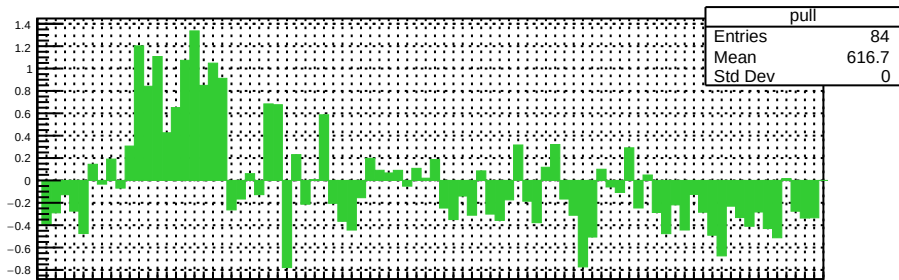
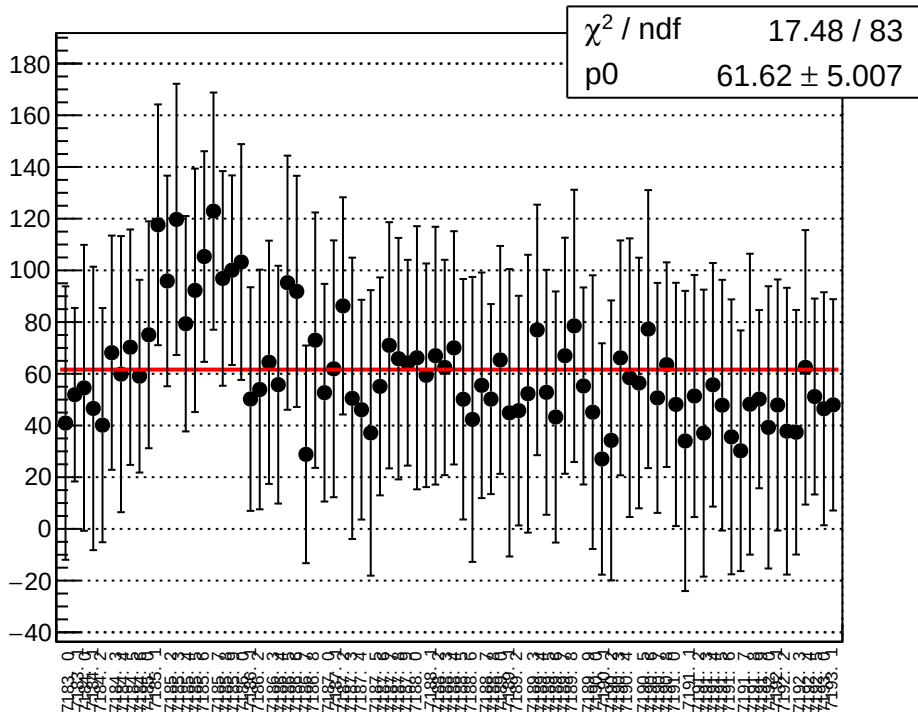
reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs run



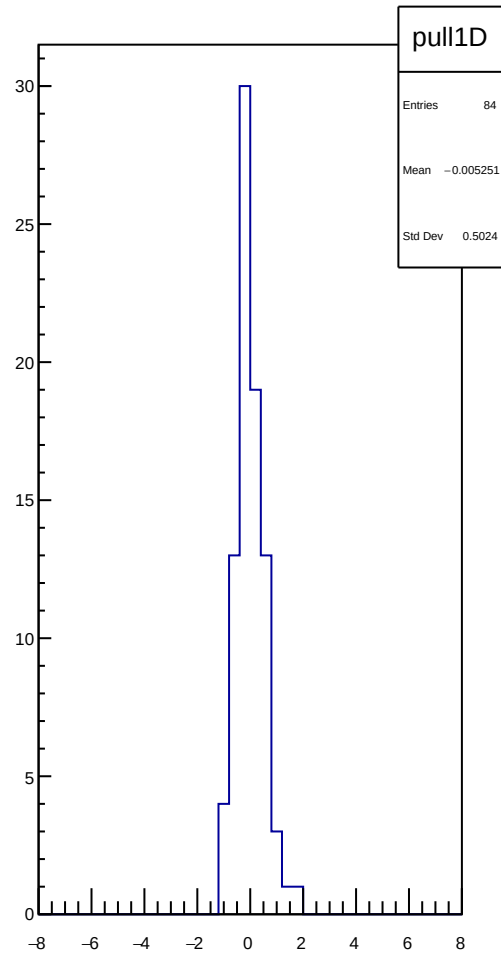
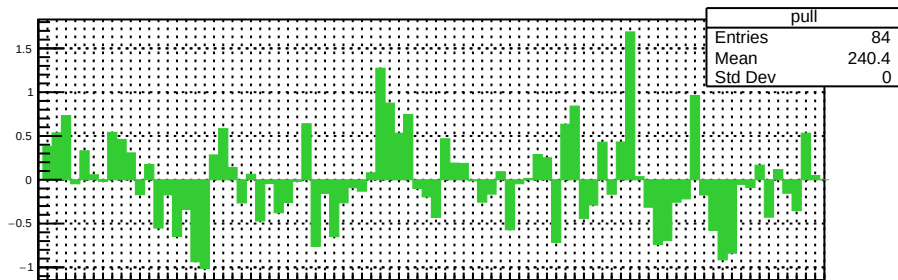
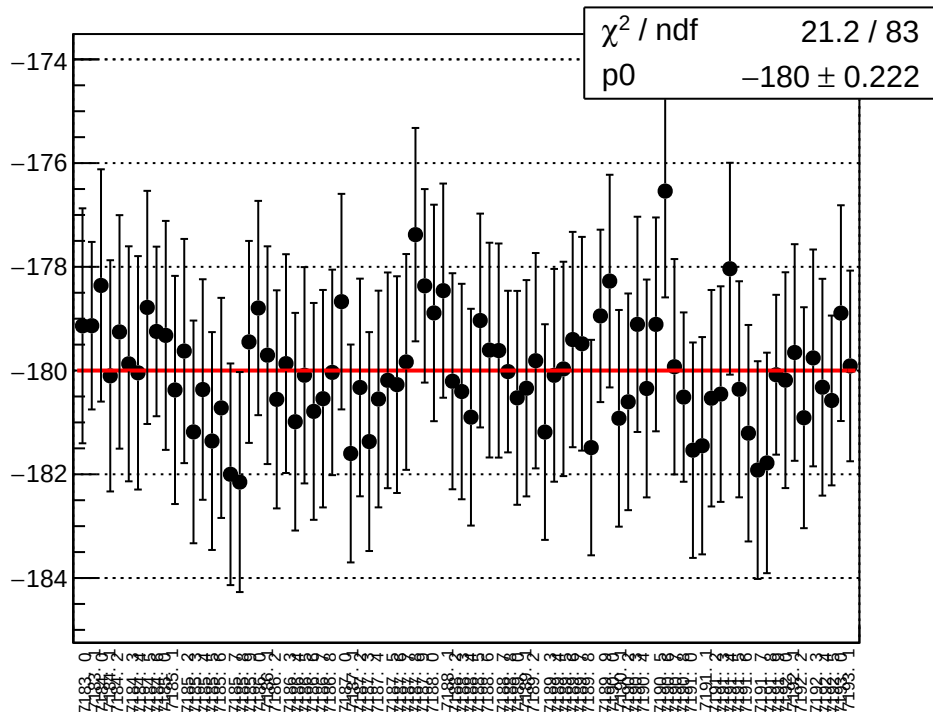
reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs run



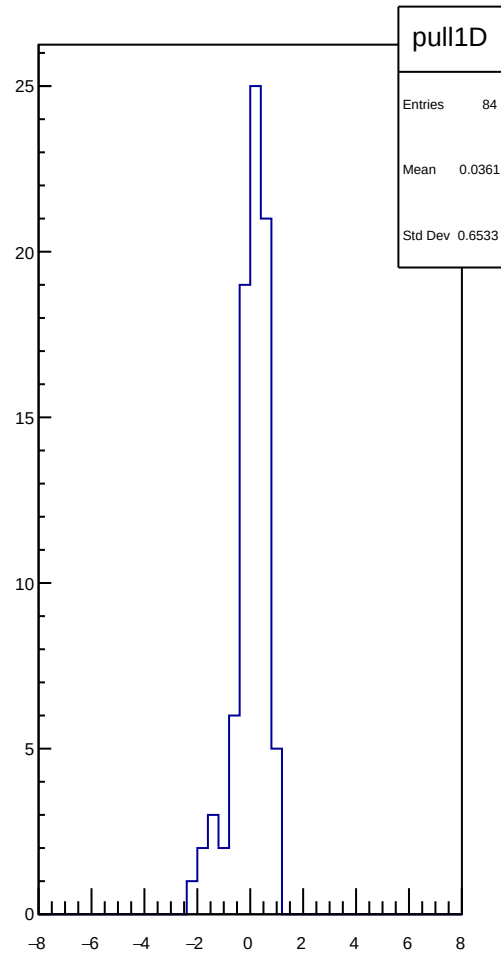
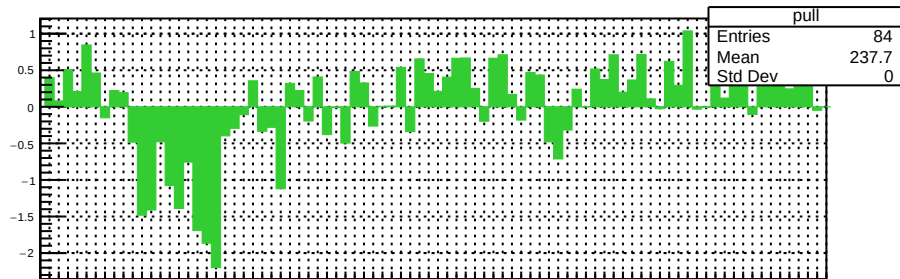
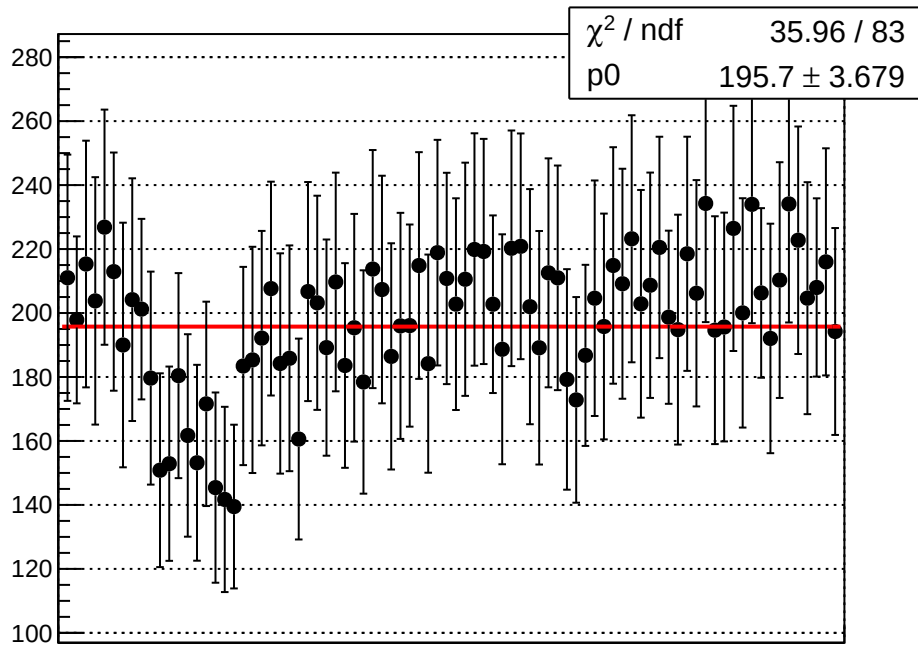
reg asym us avg atlr avg avg diff bpm4eY slope vs run



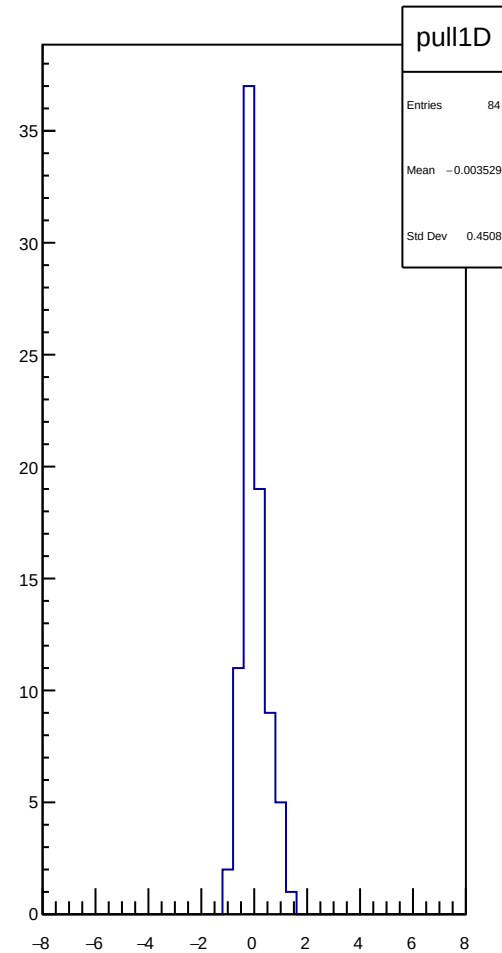
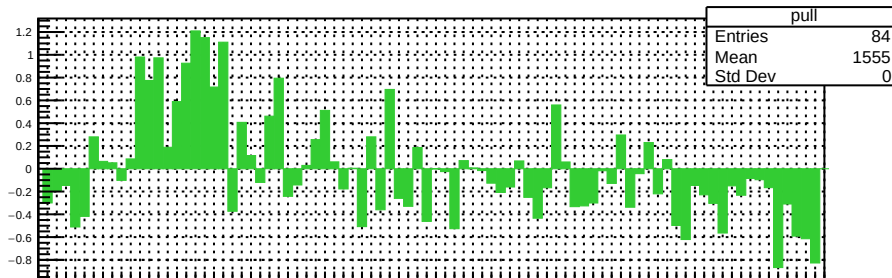
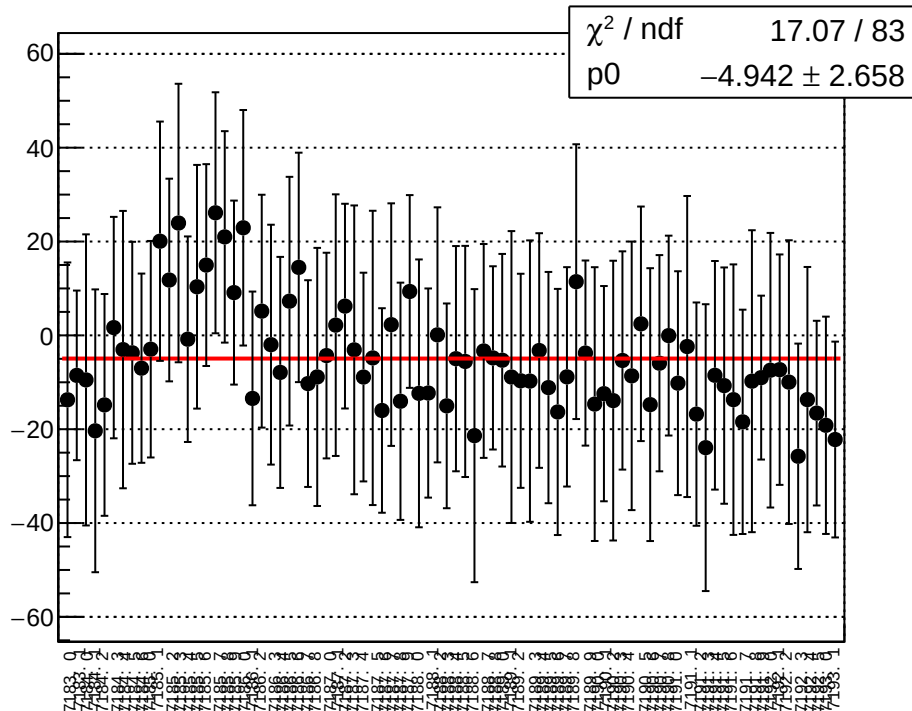
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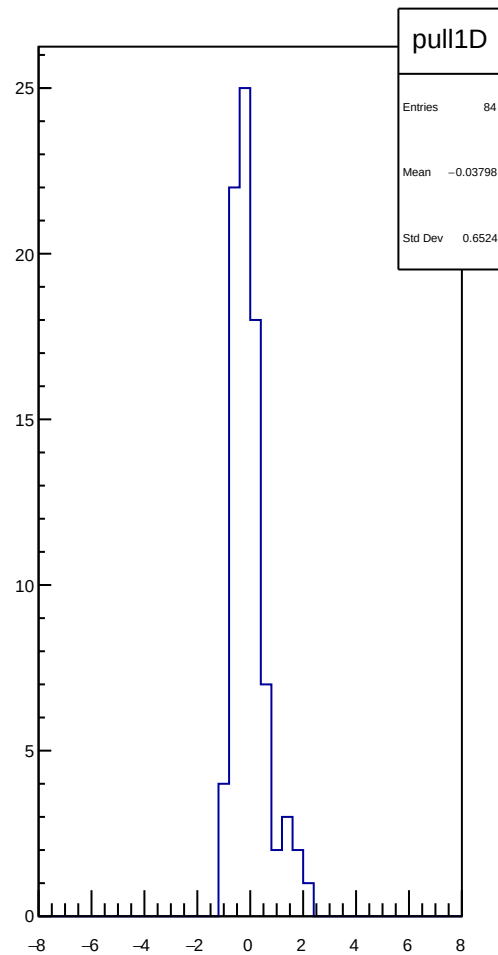
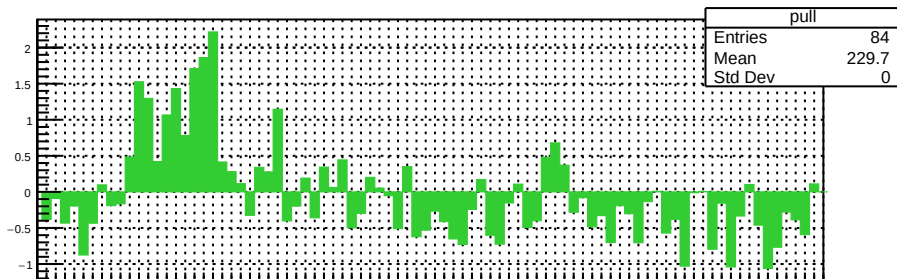
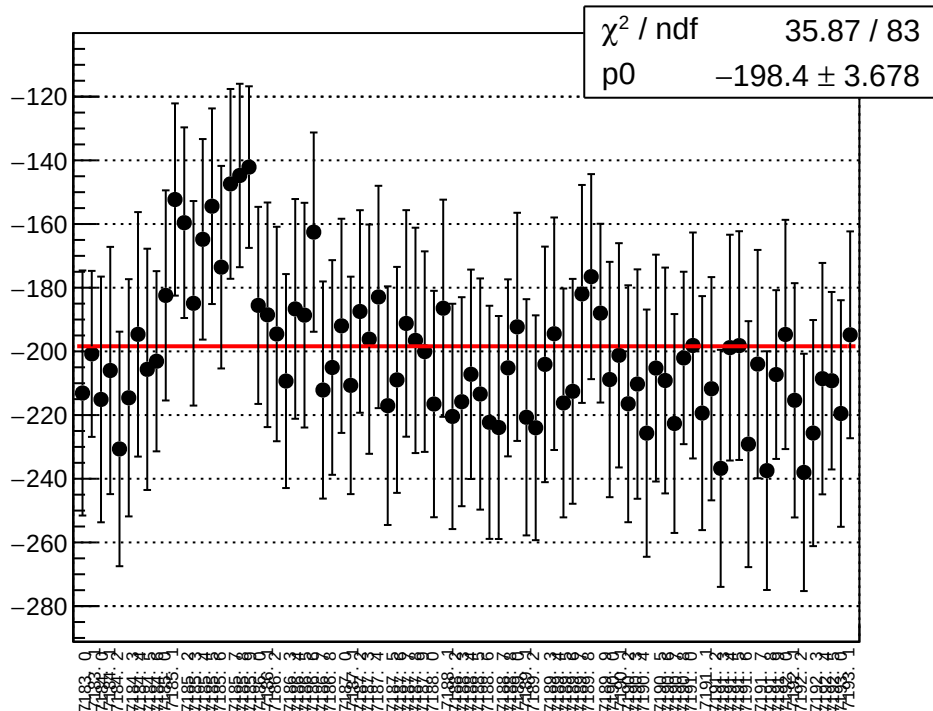
reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs run



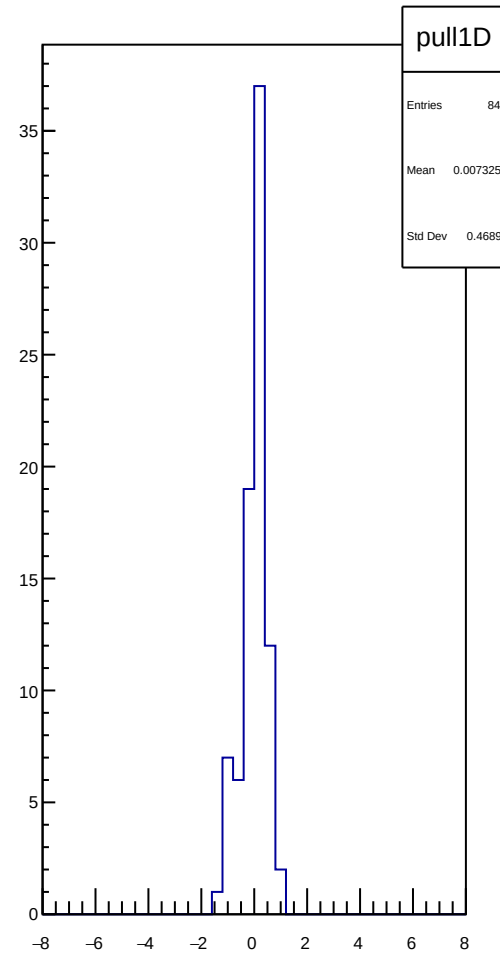
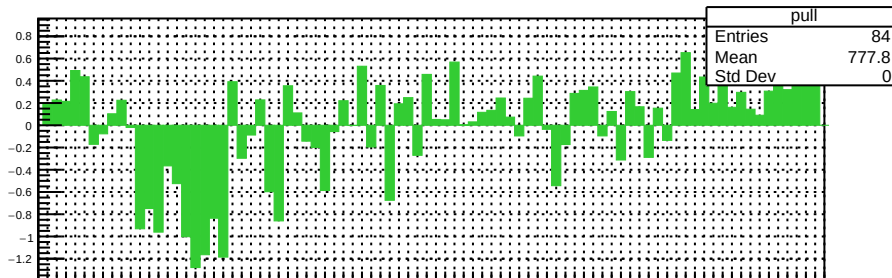
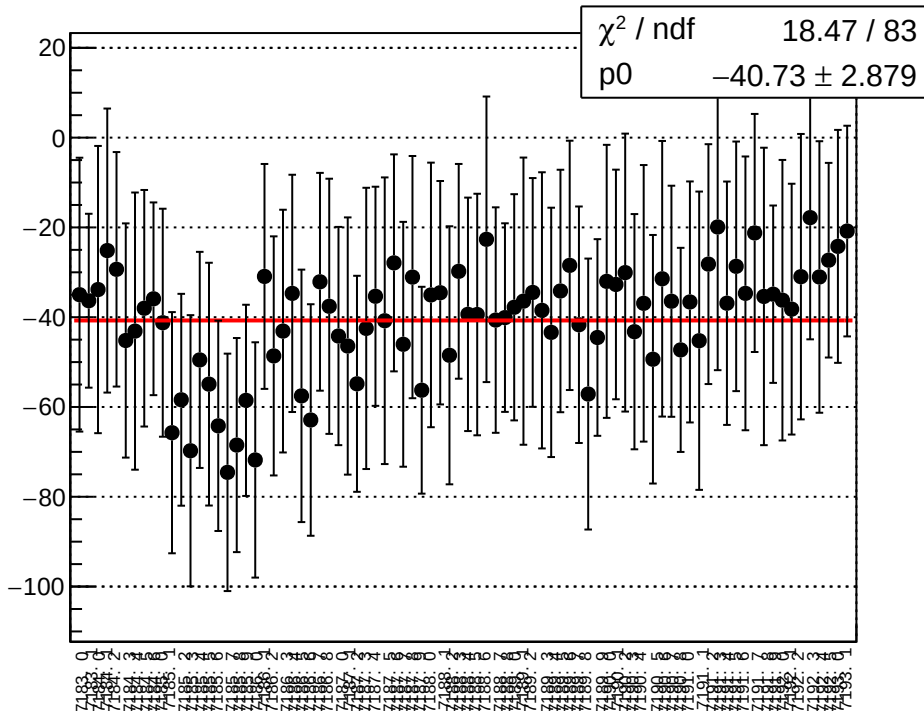
reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs run



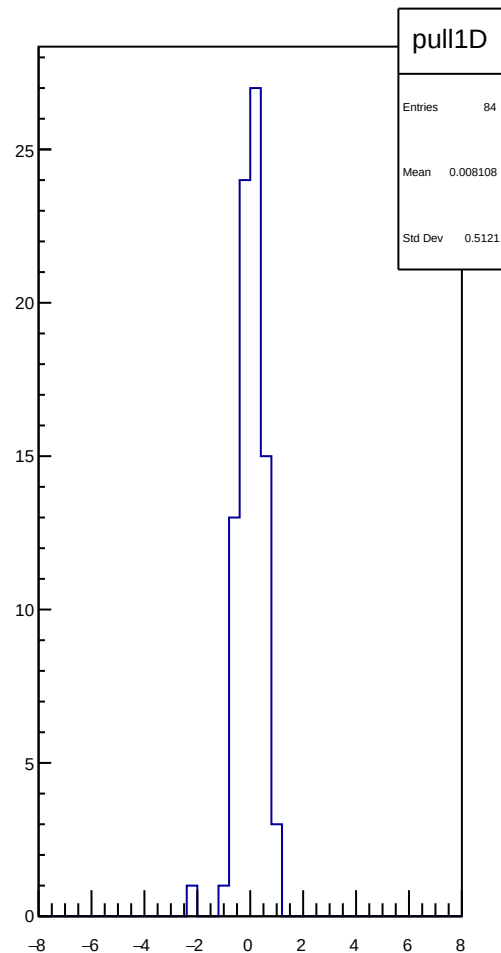
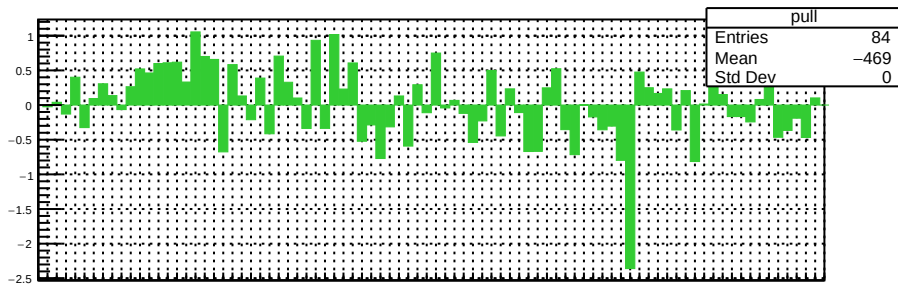
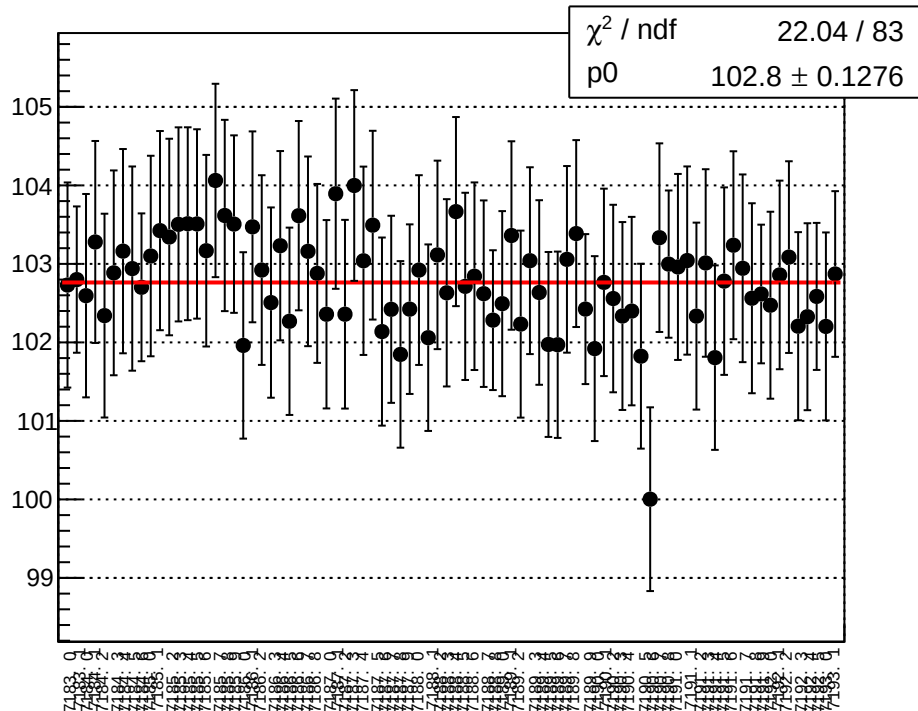
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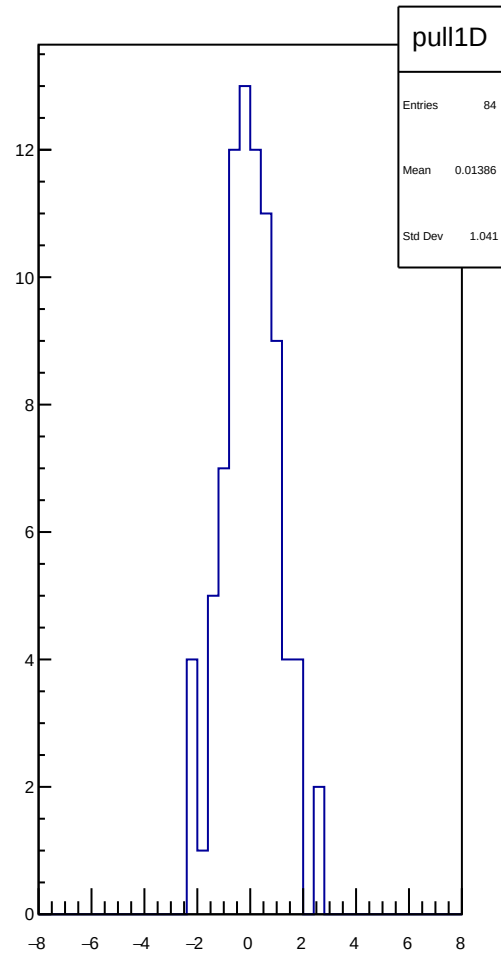
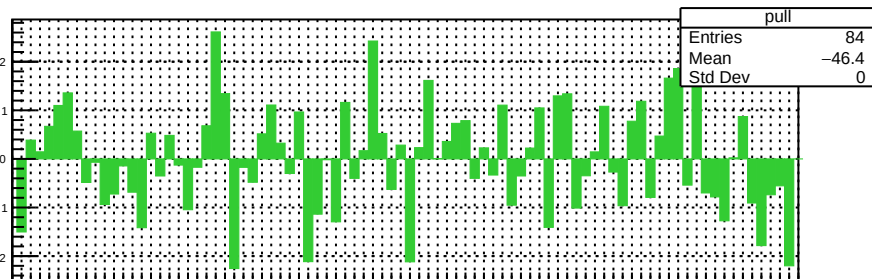
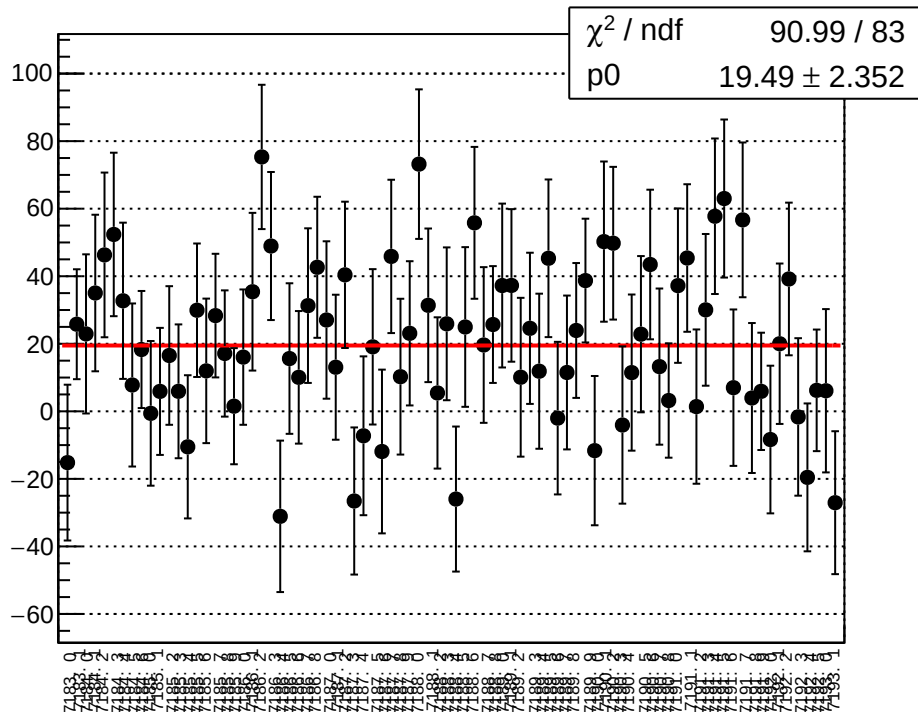
reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs run



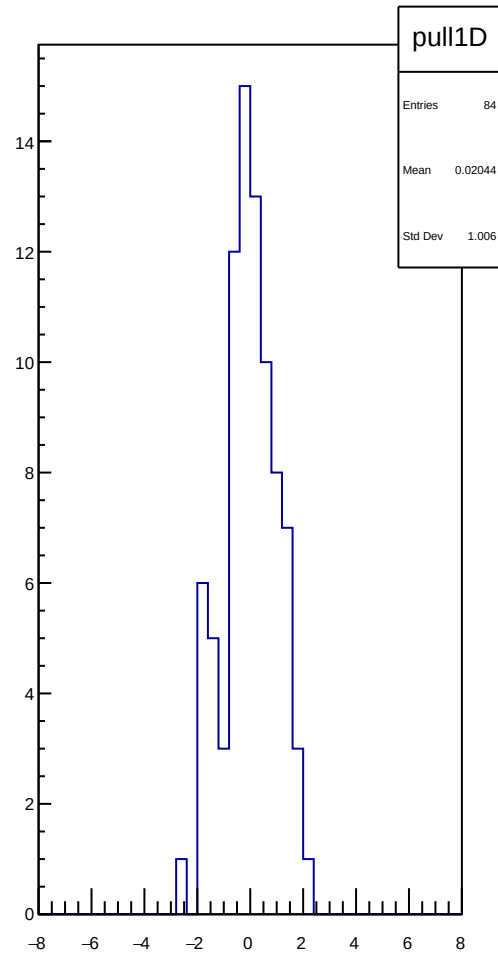
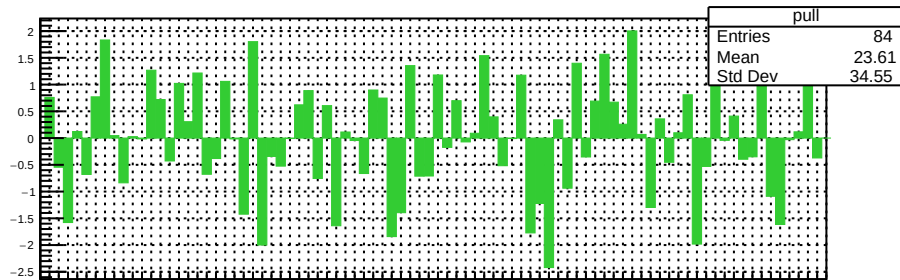
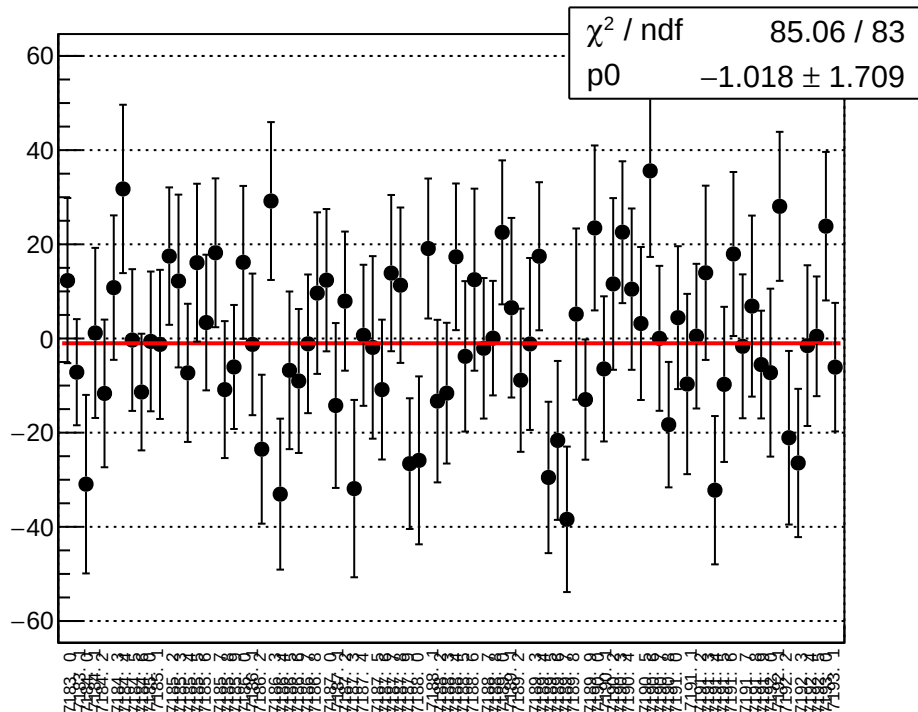
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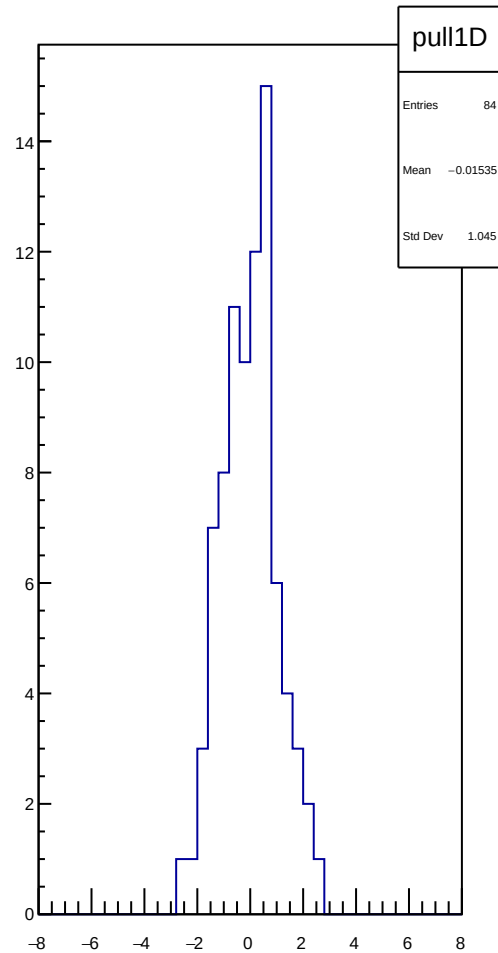
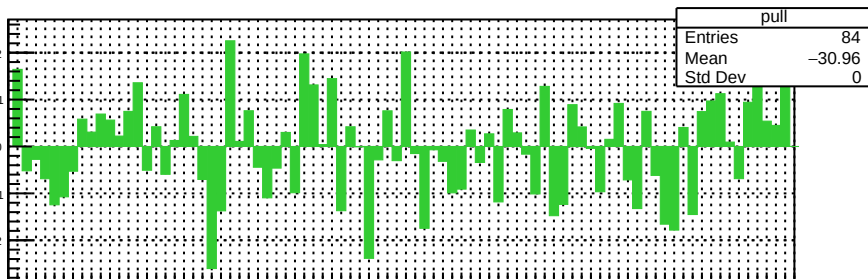
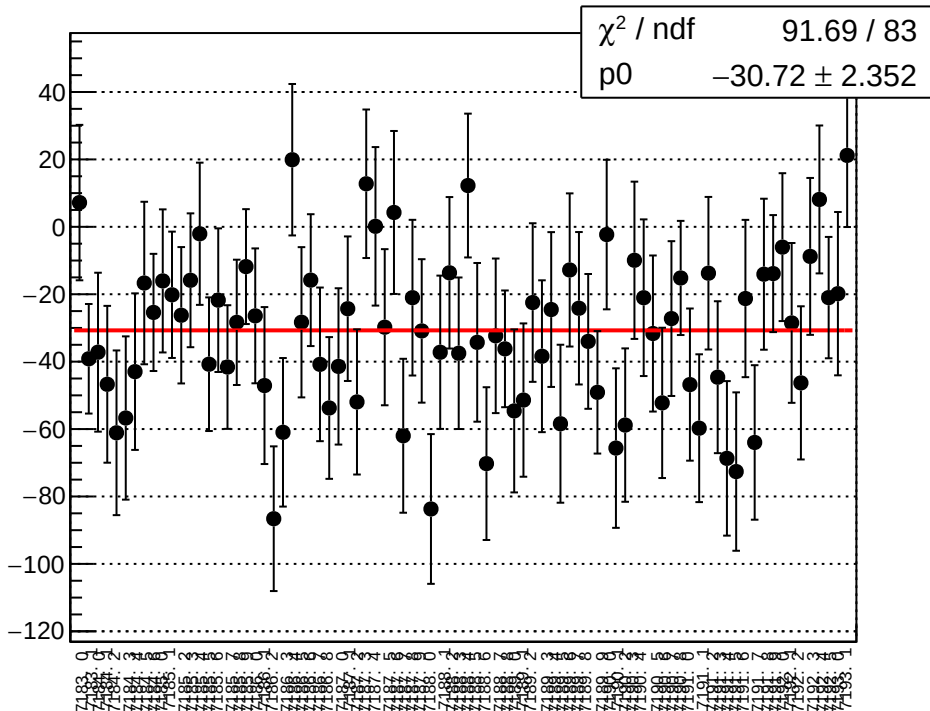
reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs run



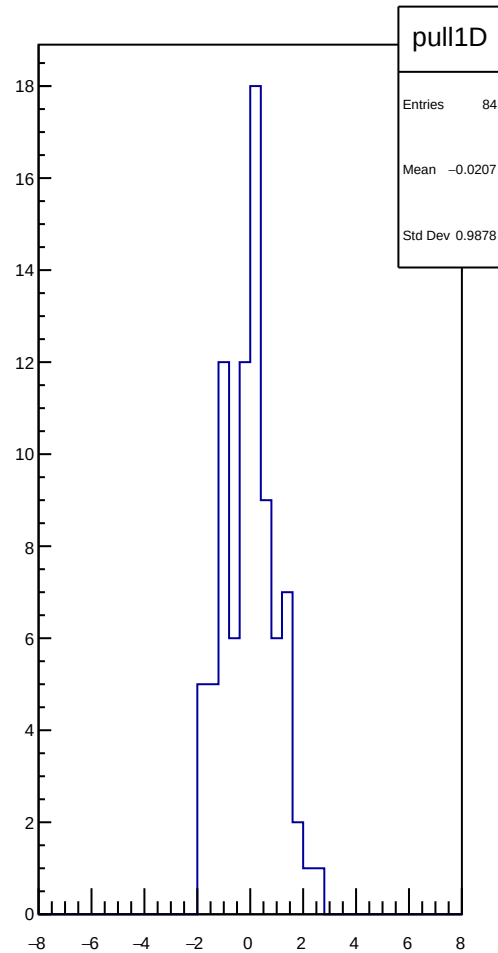
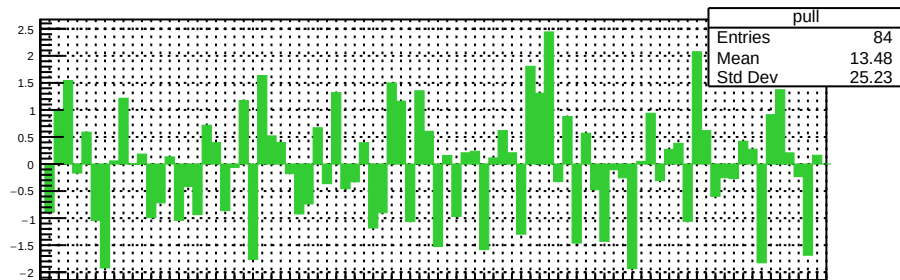
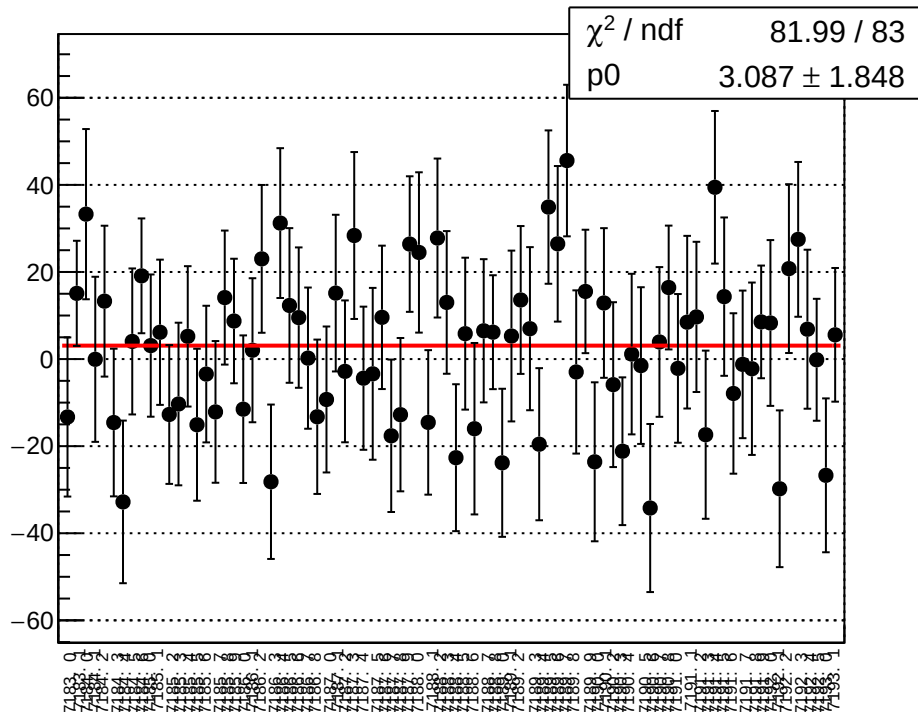
reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs run



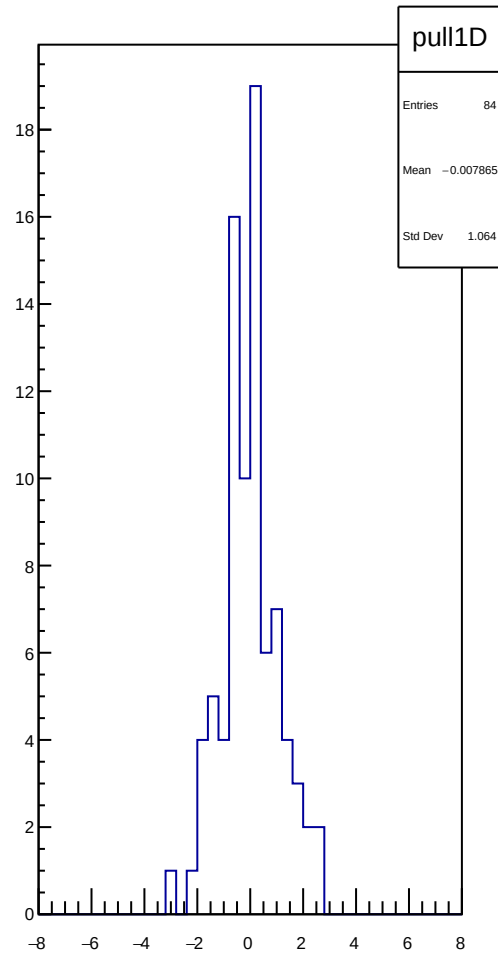
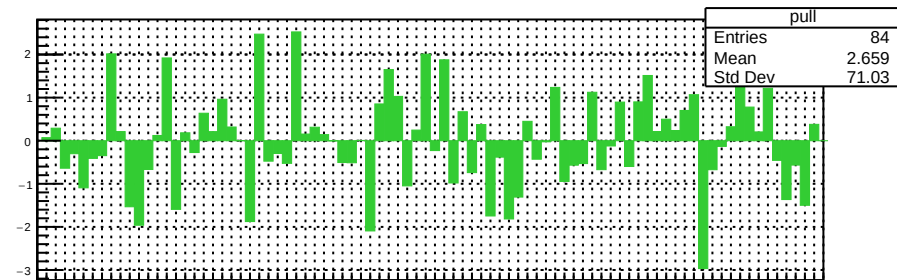
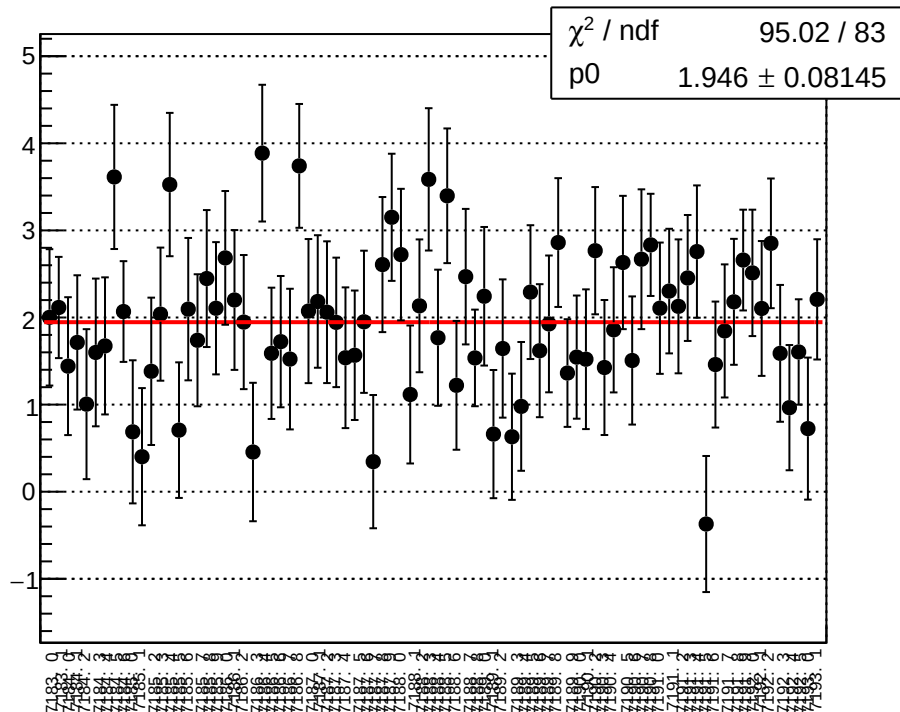
reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs run



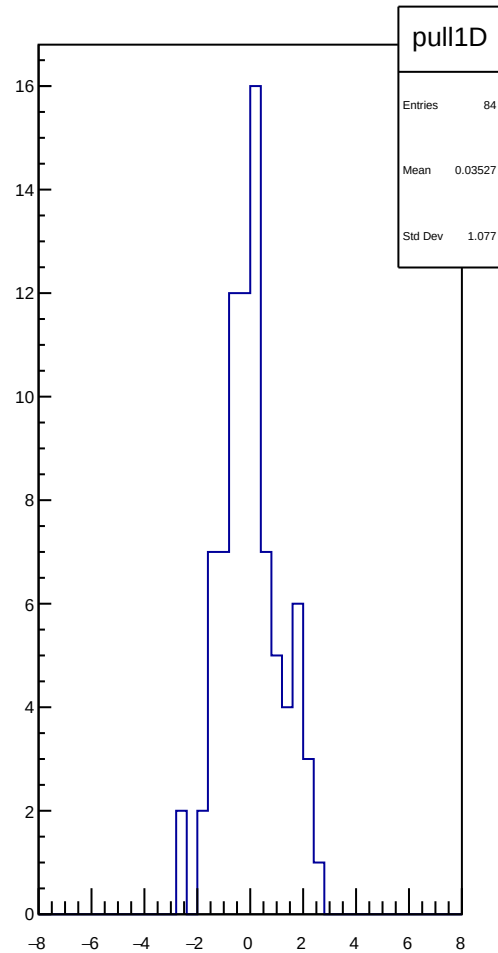
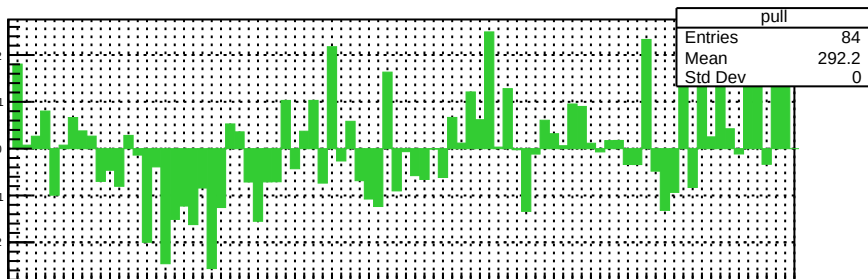
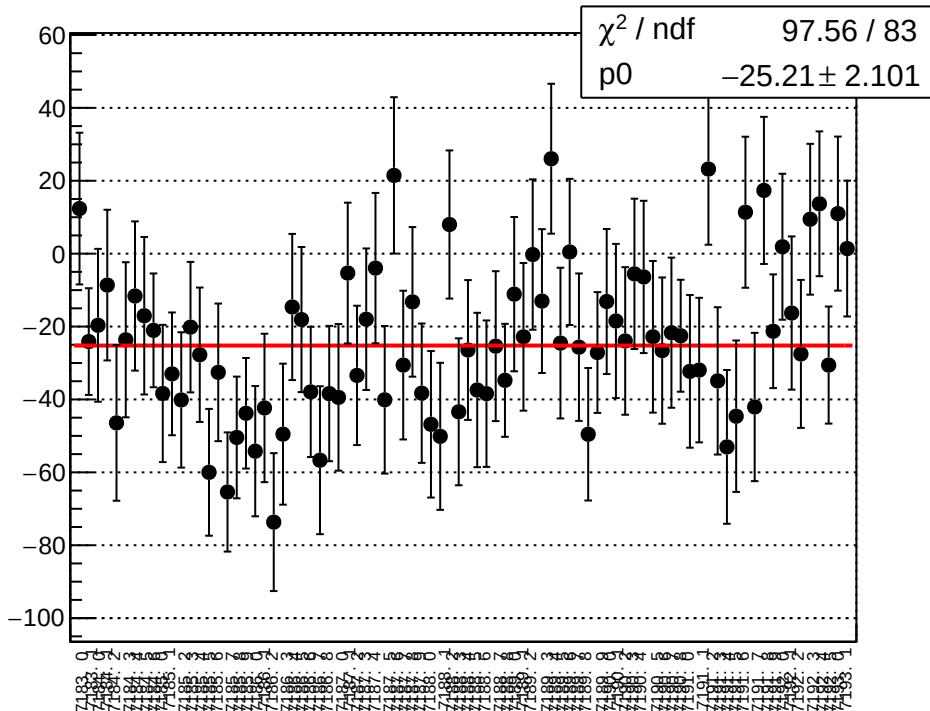
reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs run



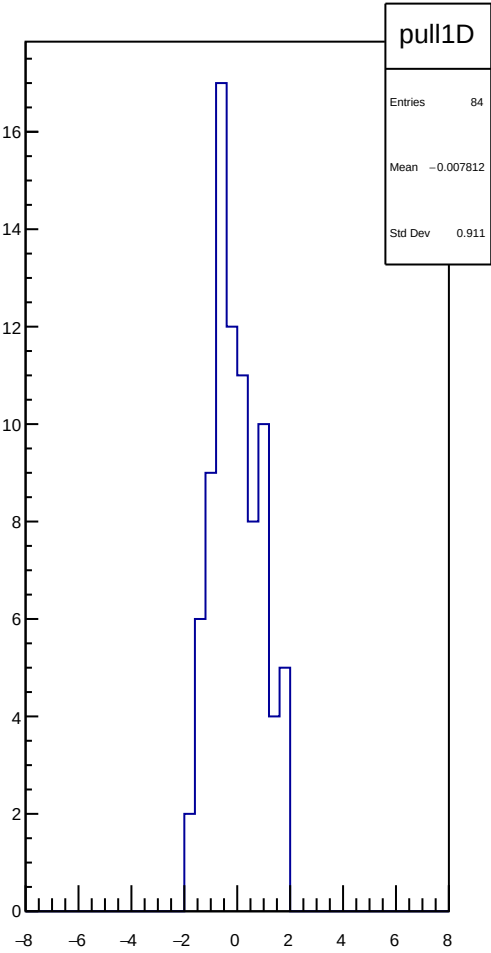
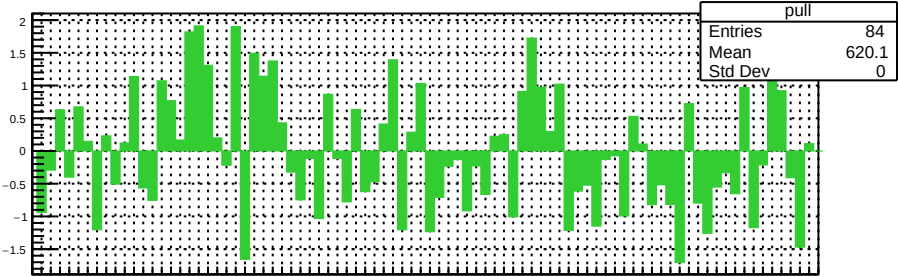
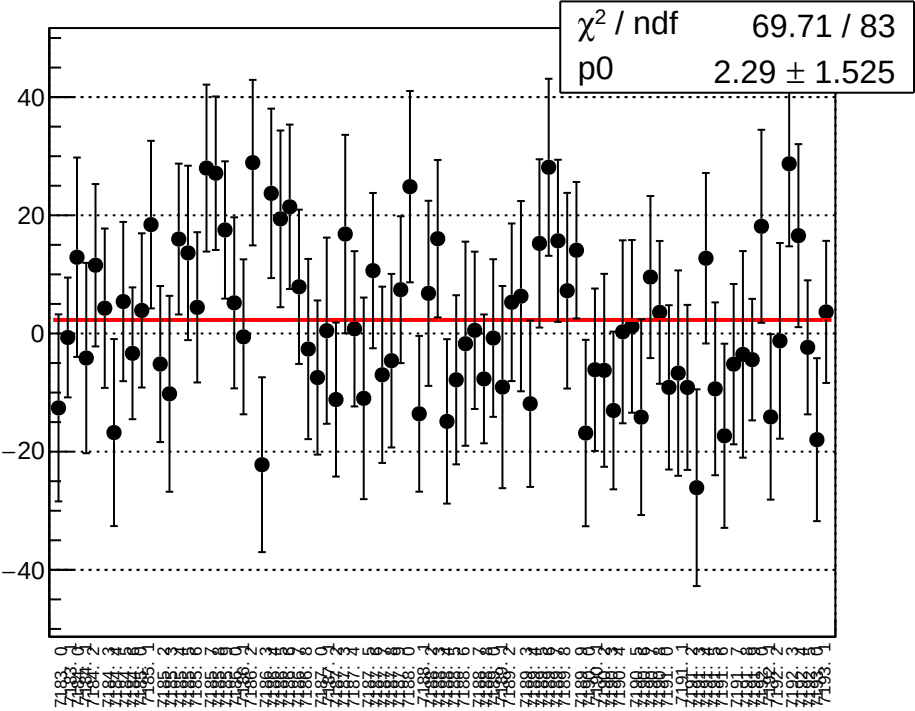
reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs run



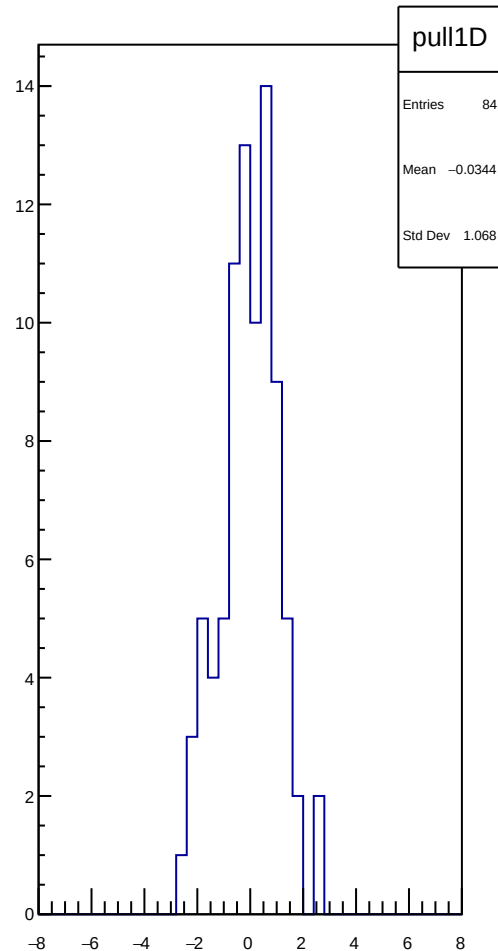
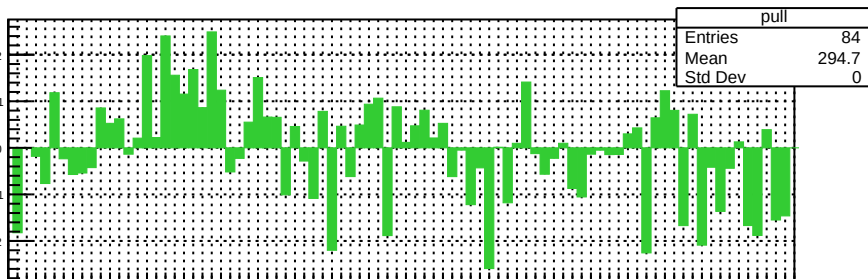
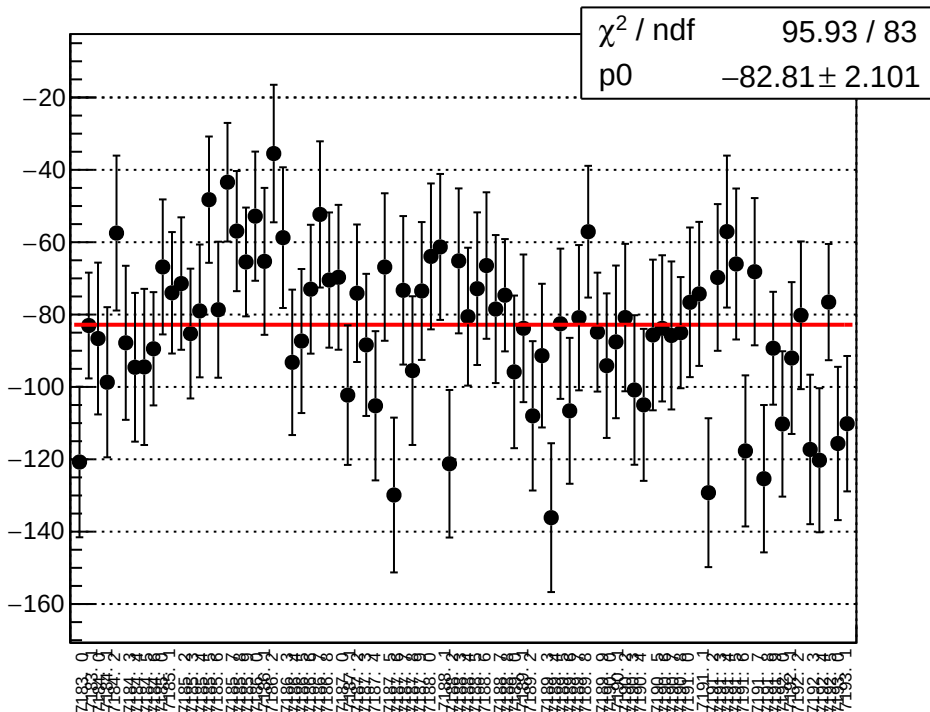
reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs run



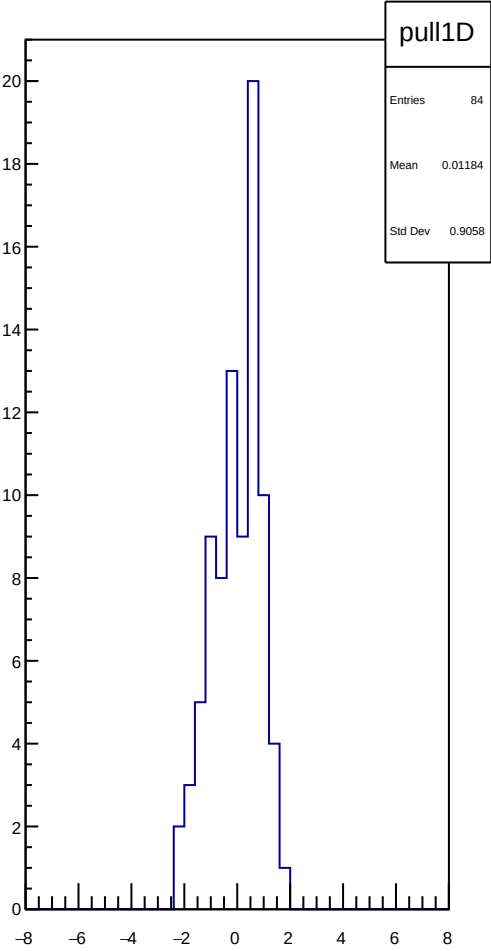
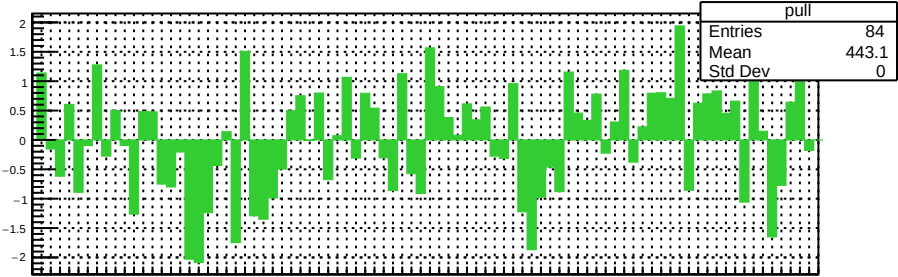
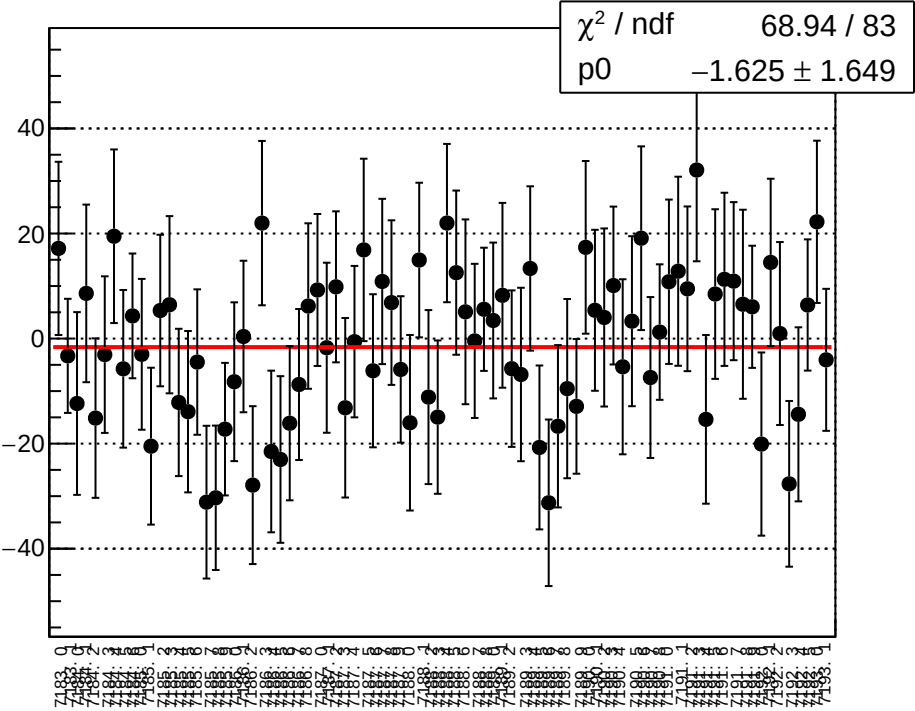
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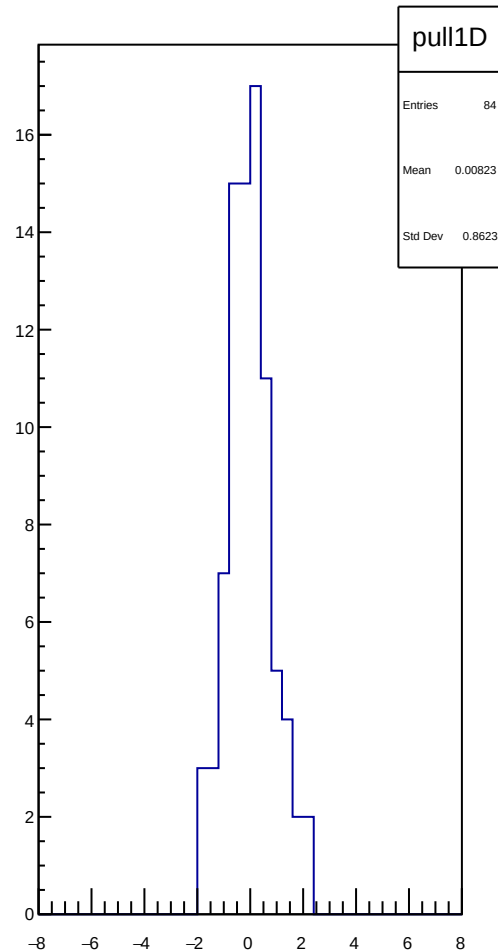
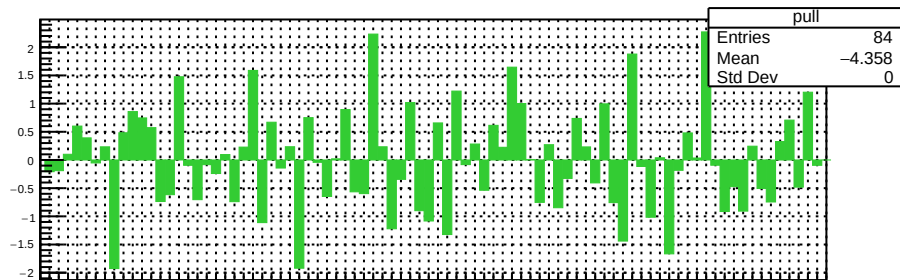
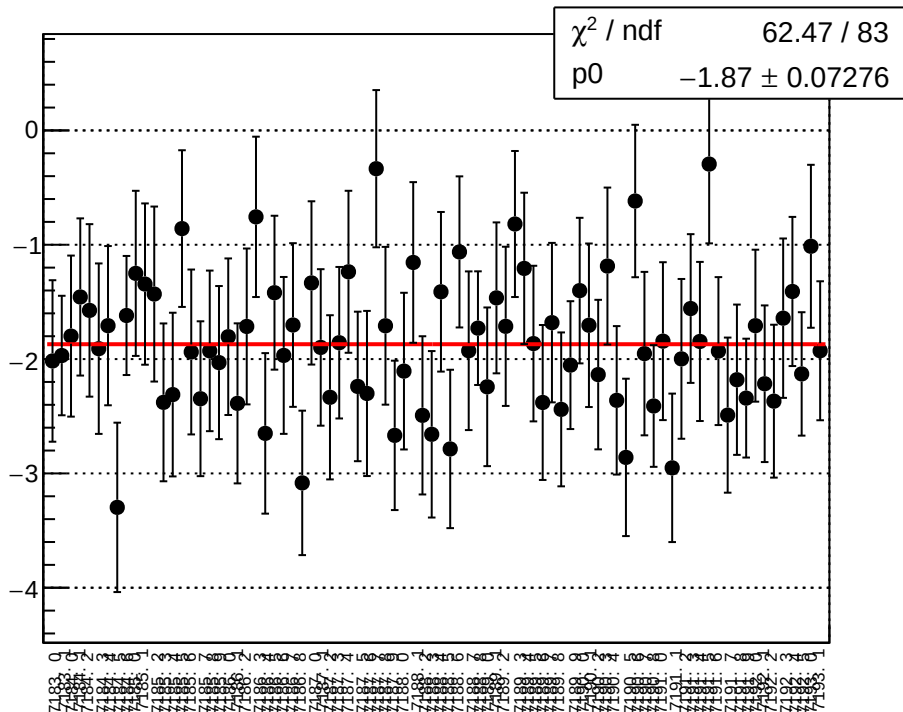
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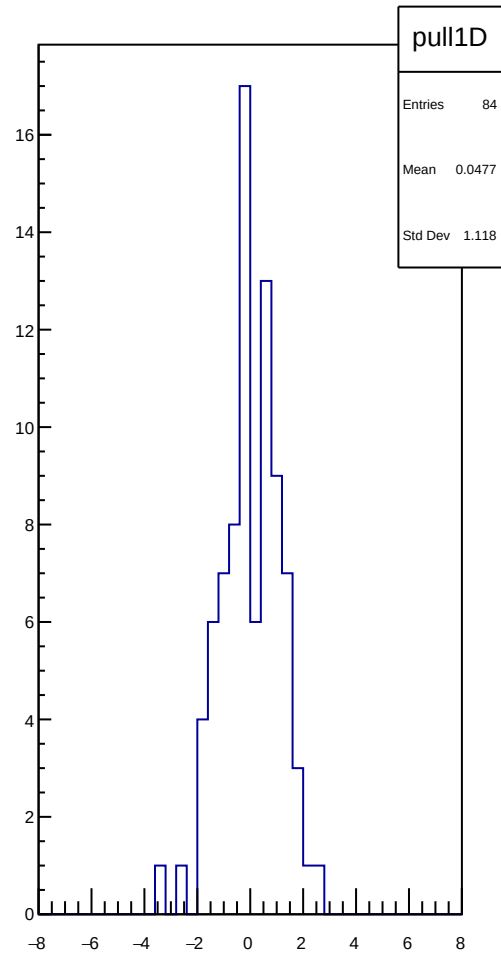
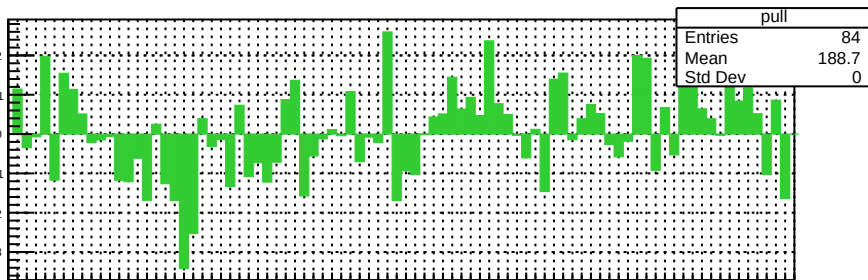
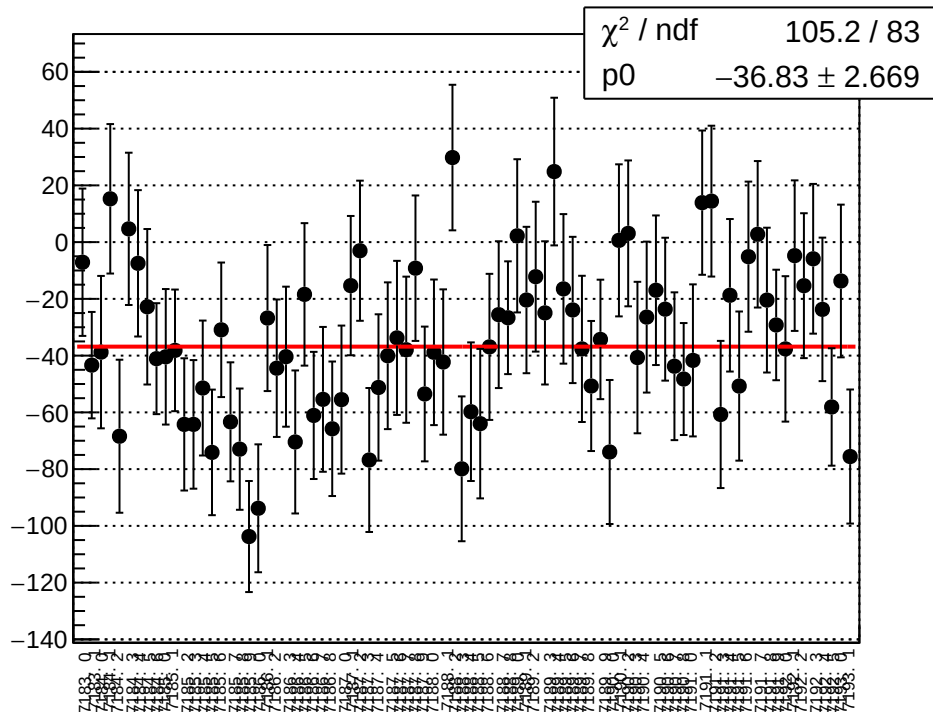
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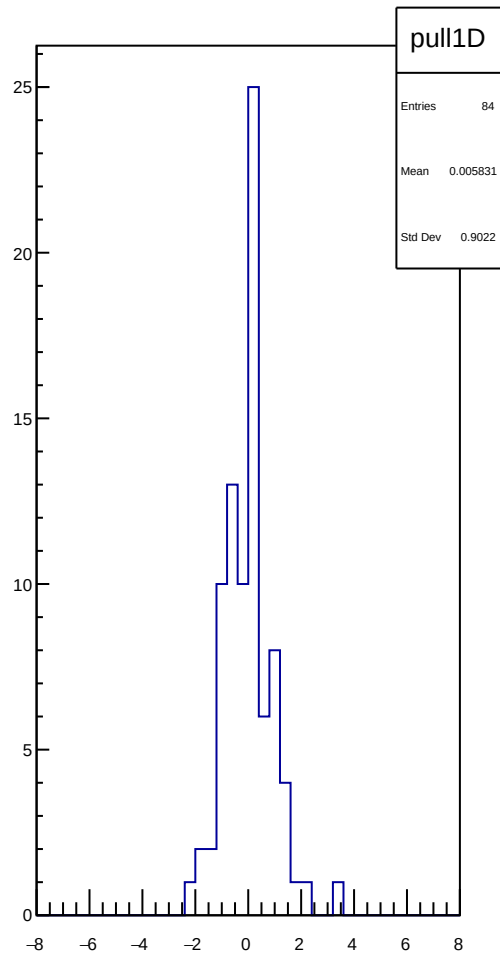
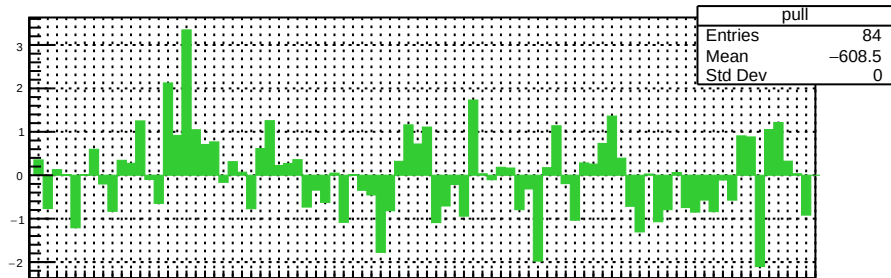
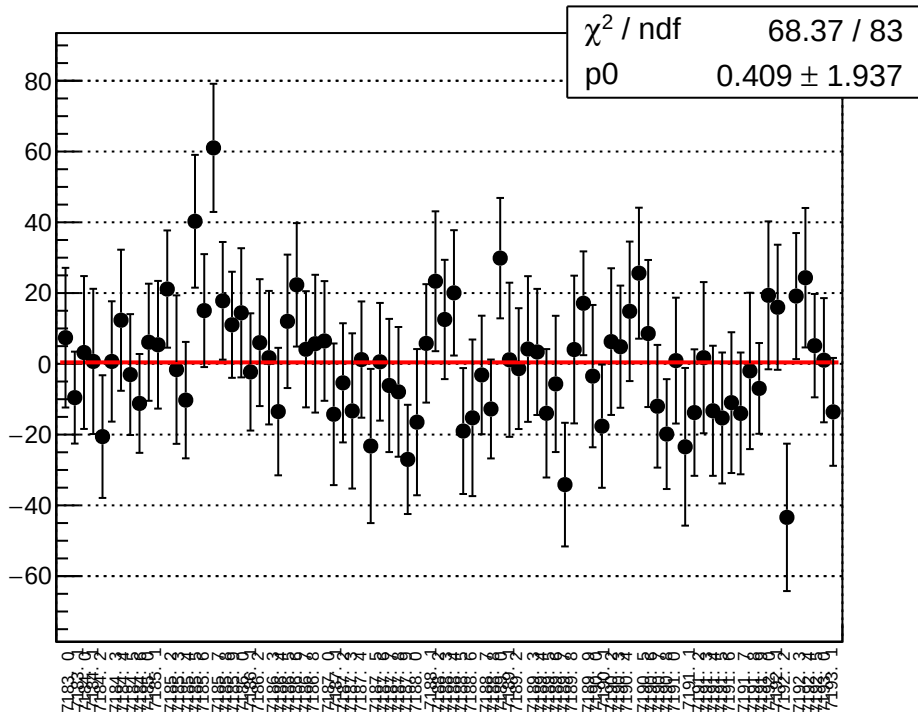
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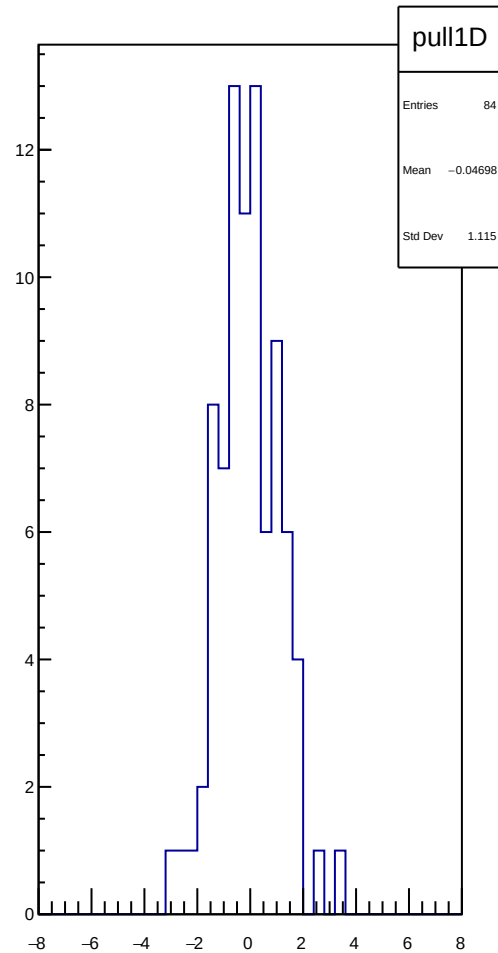
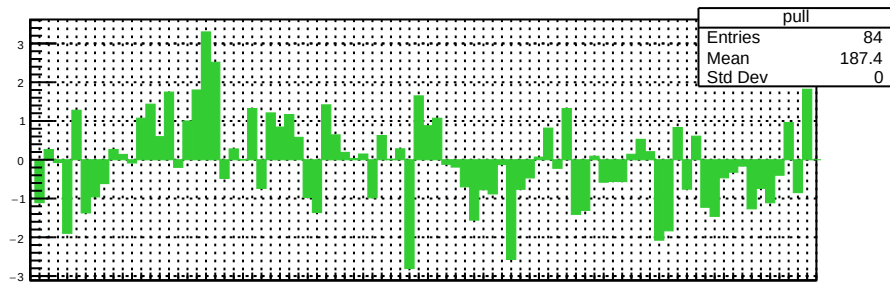
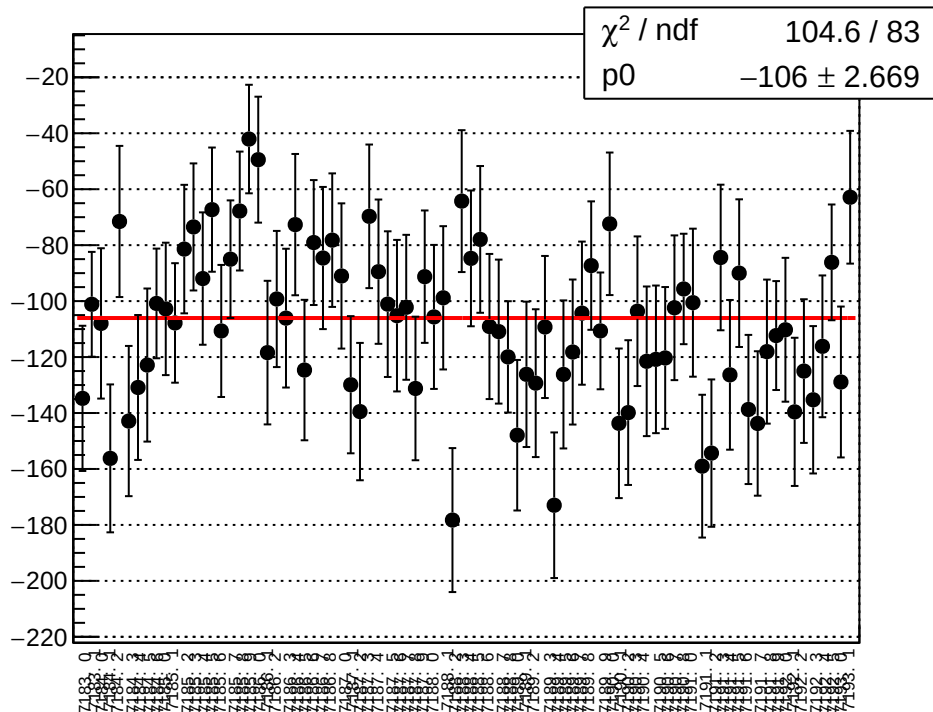
reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs run



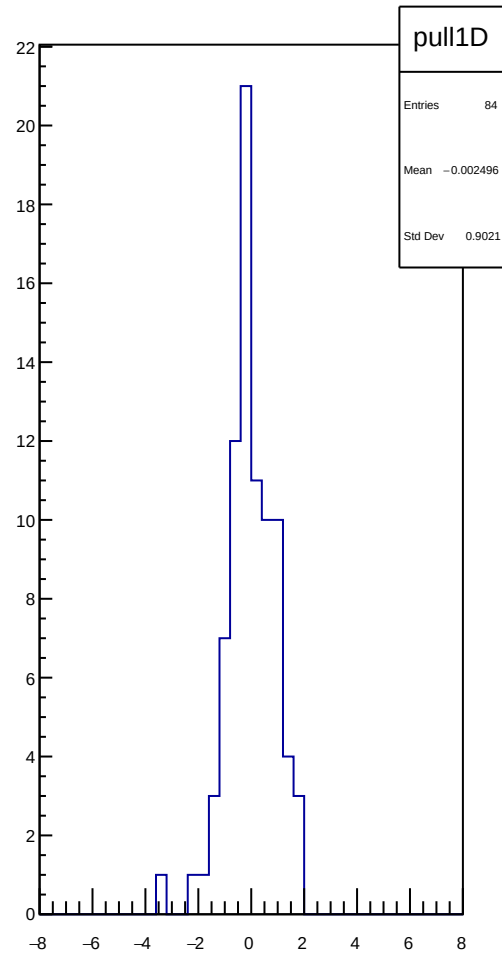
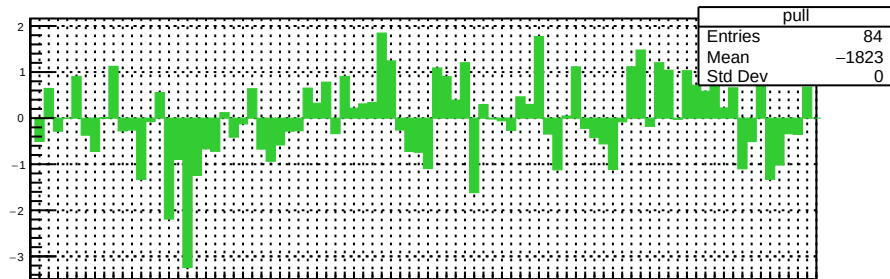
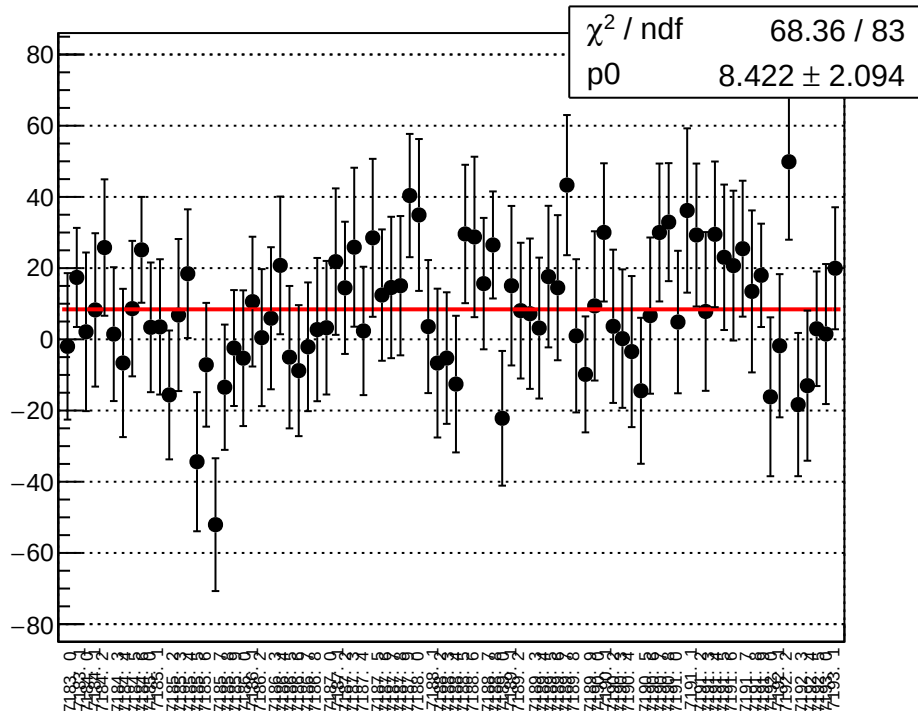
reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs run



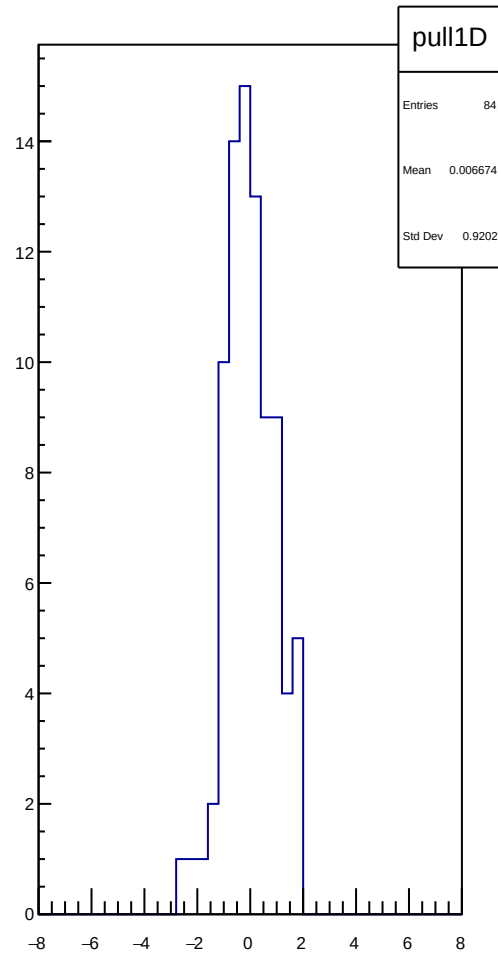
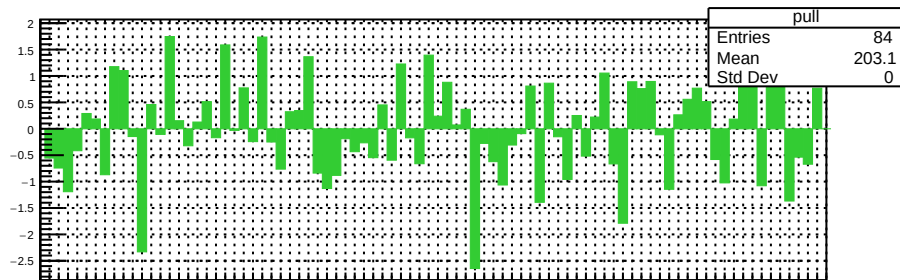
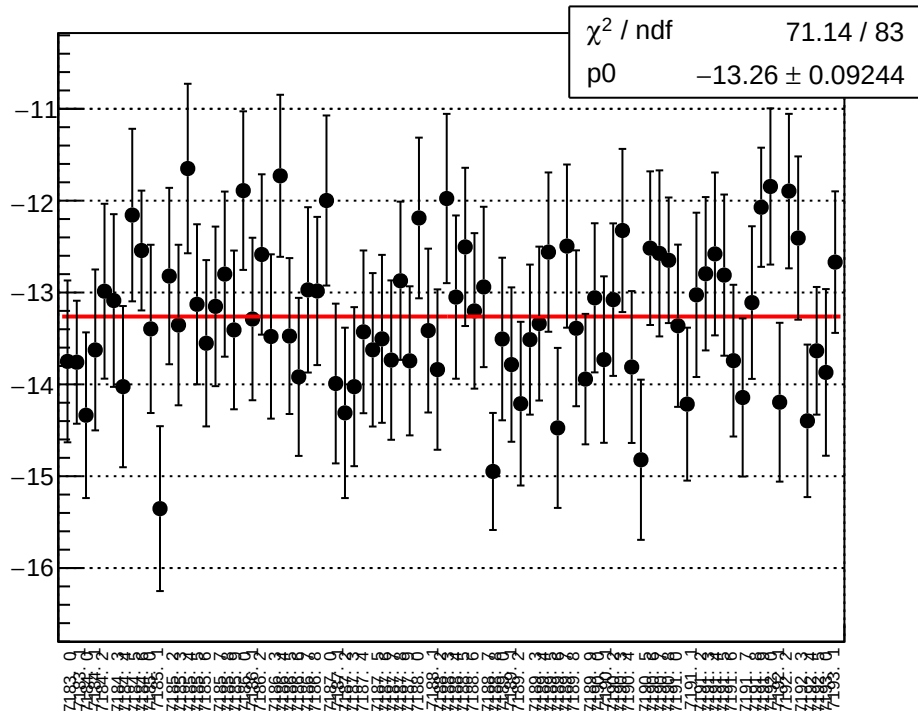
reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs run



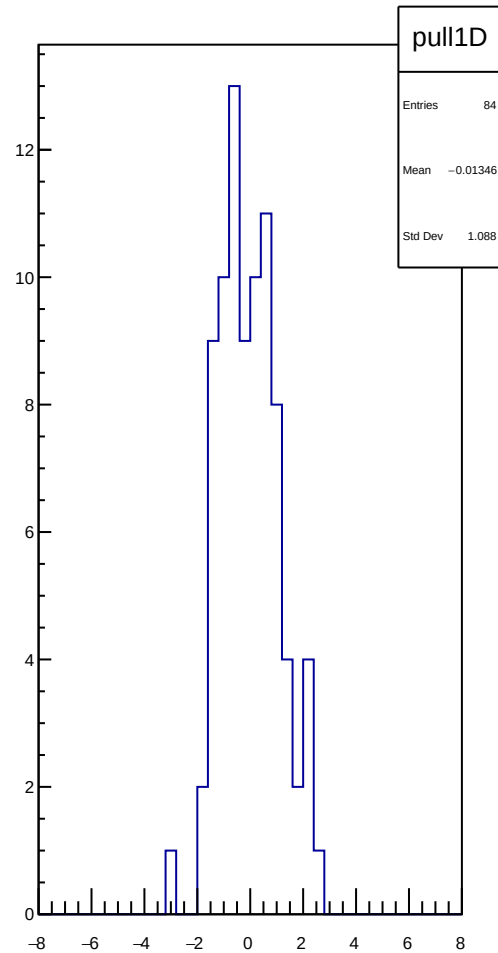
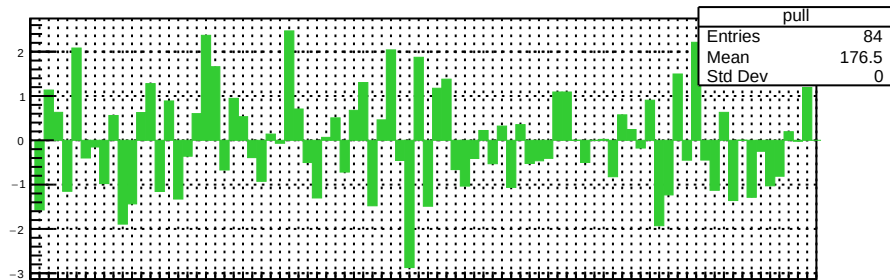
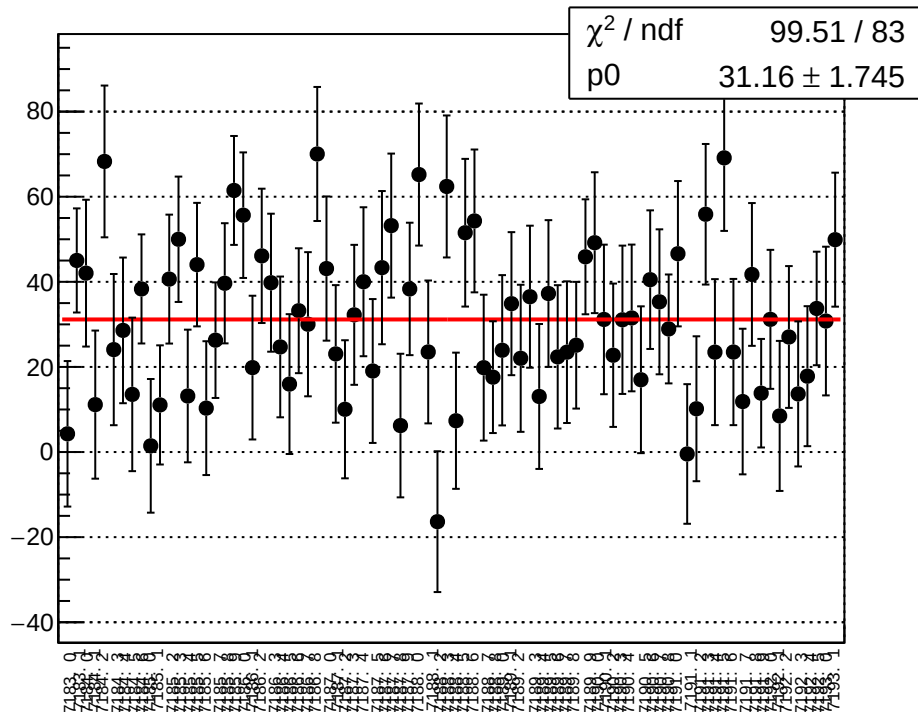
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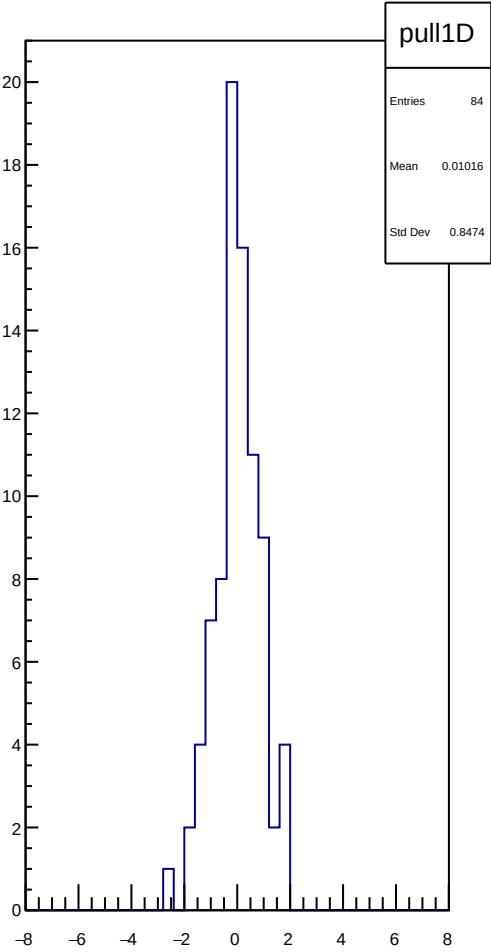
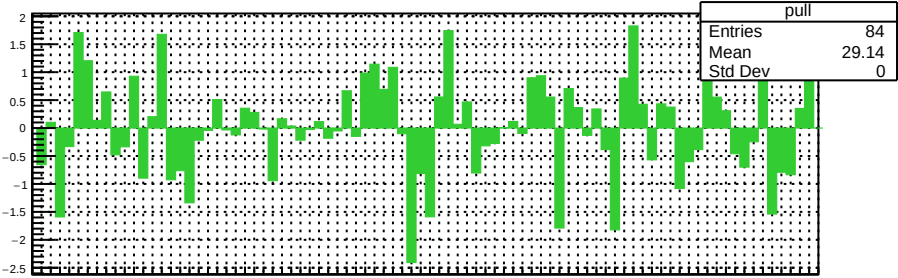
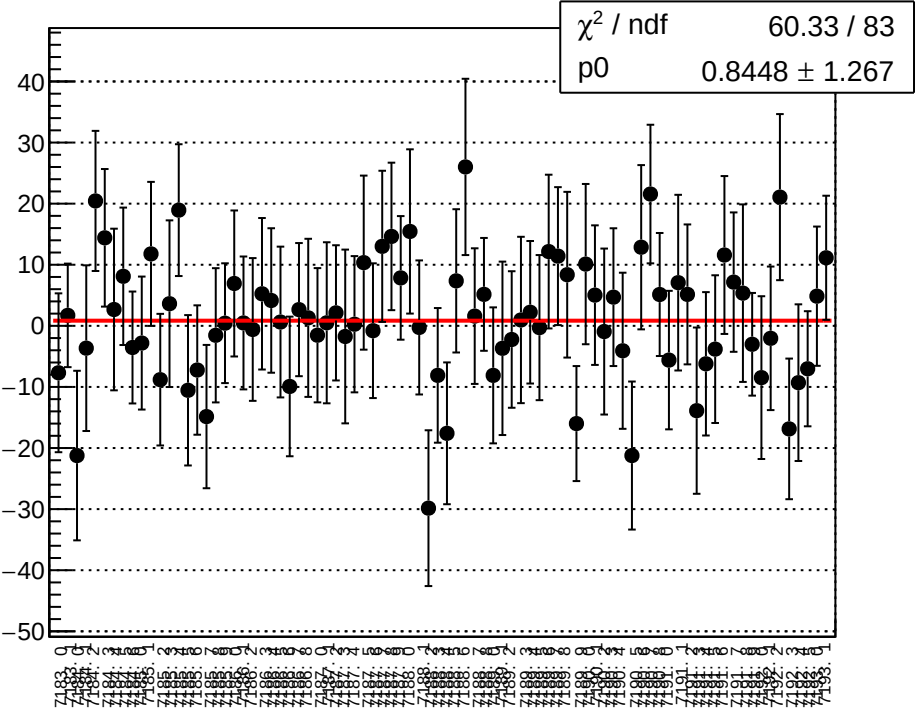
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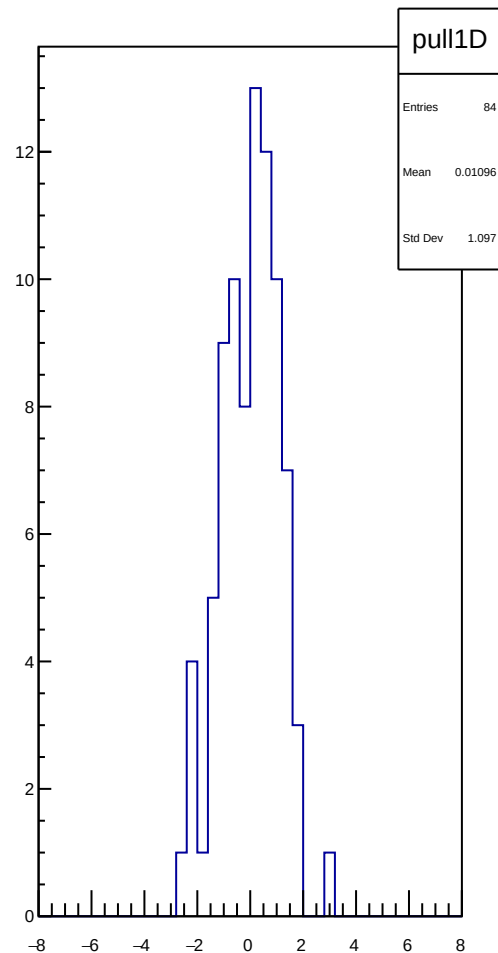
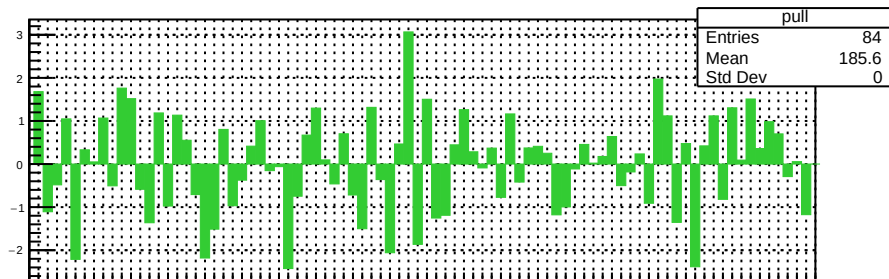
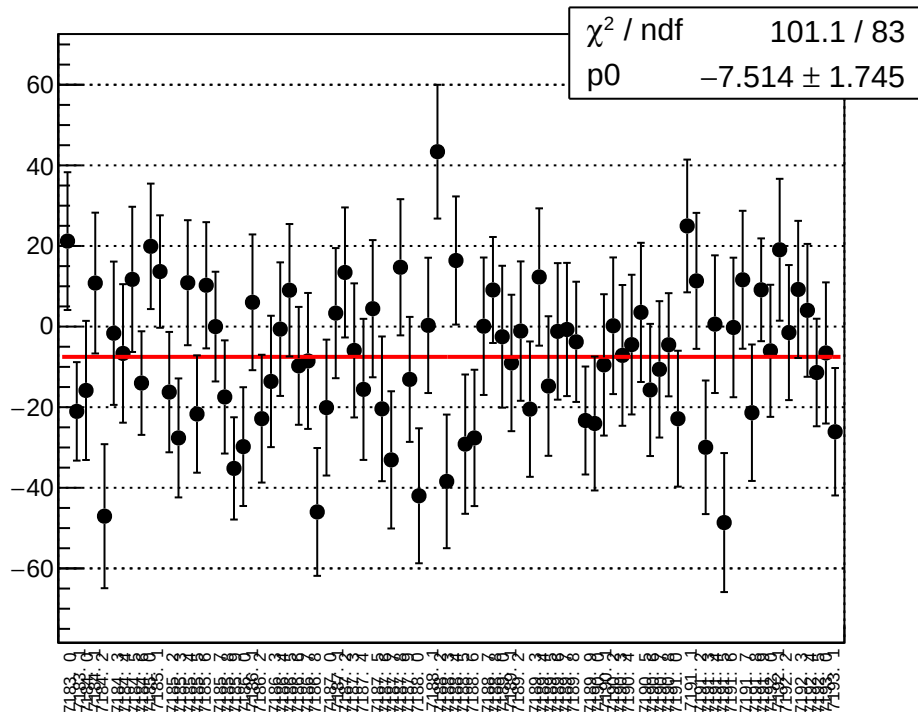
reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs run



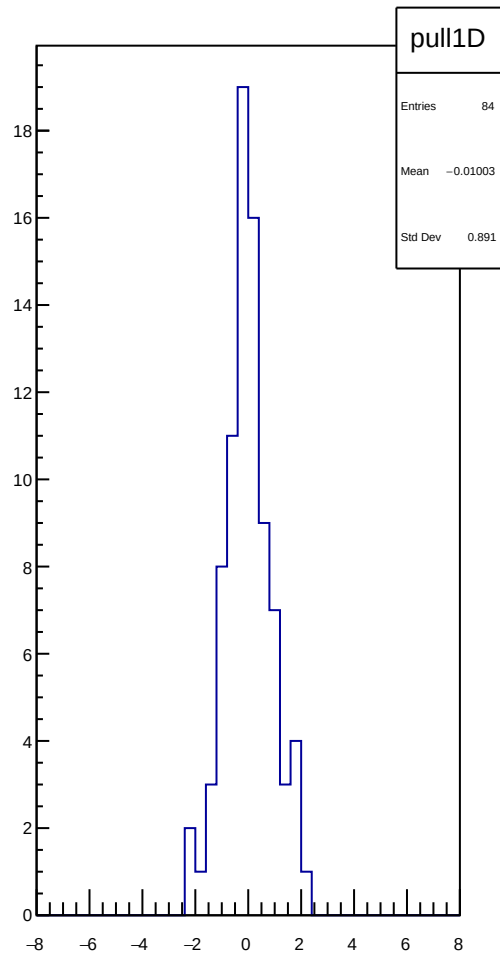
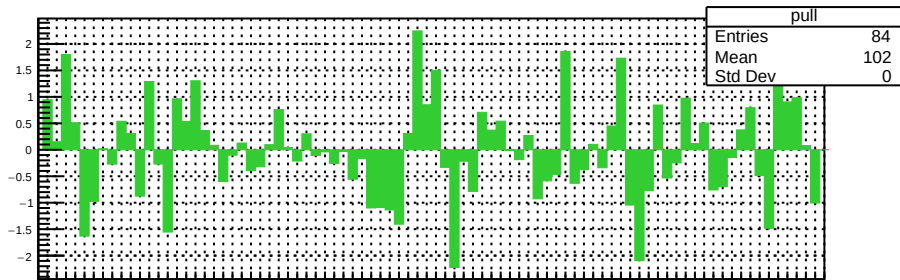
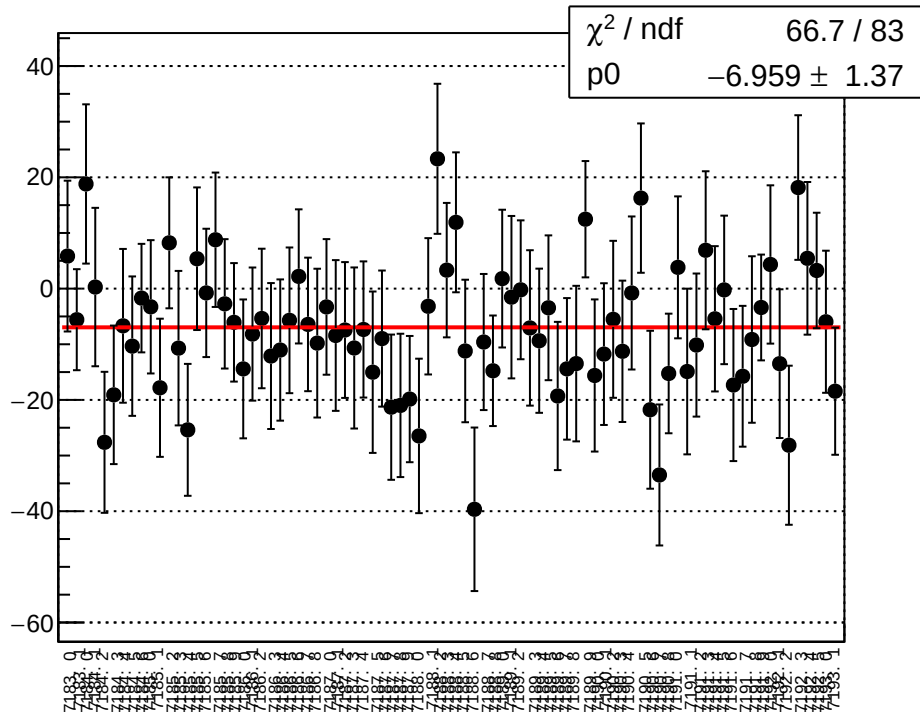
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs un



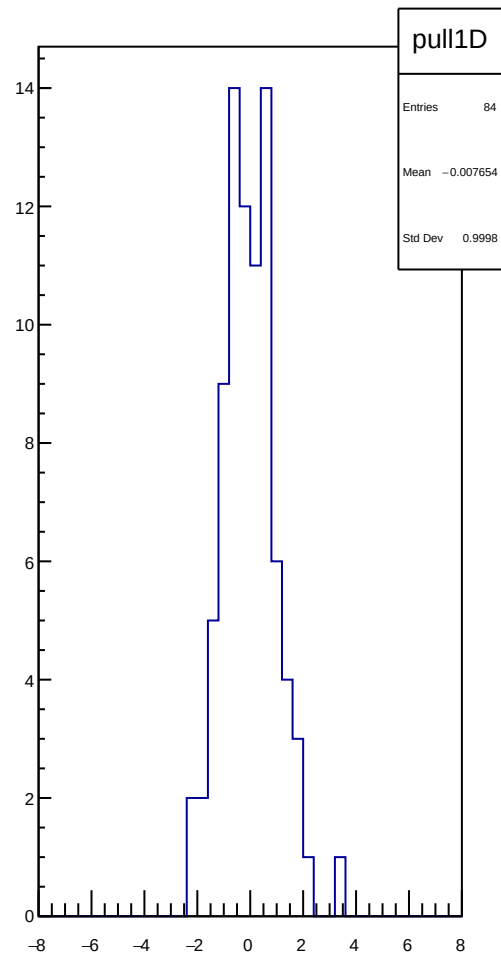
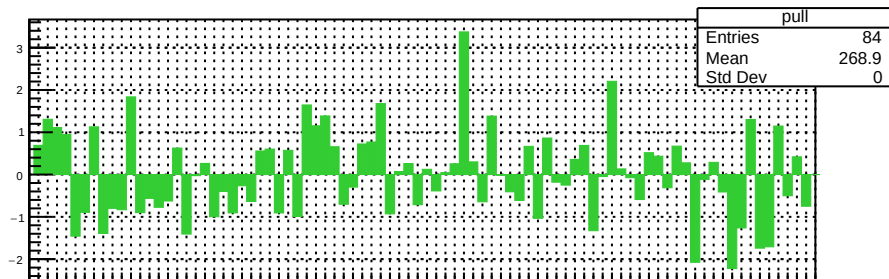
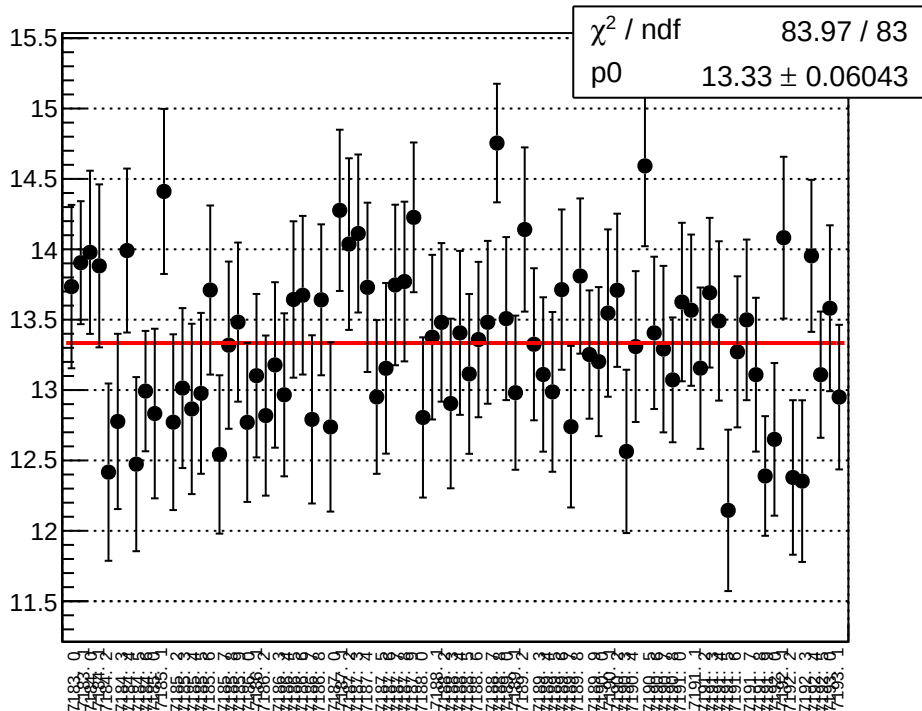
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs run



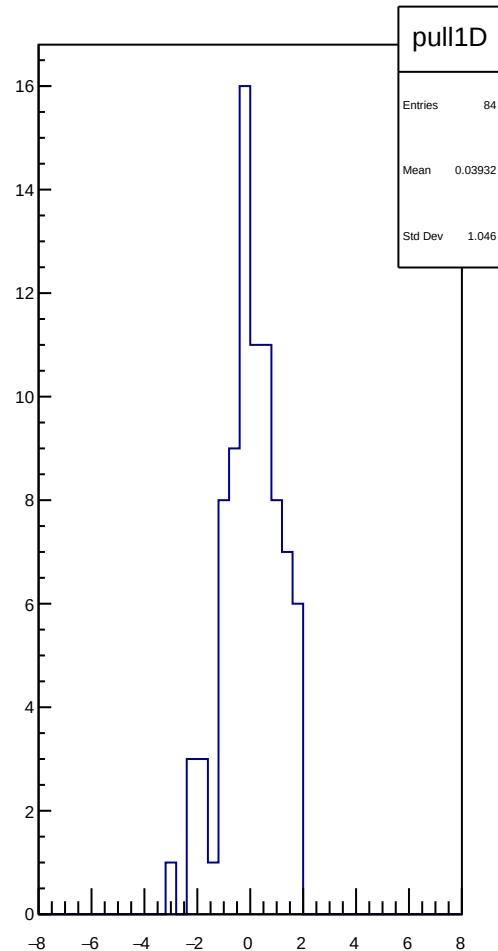
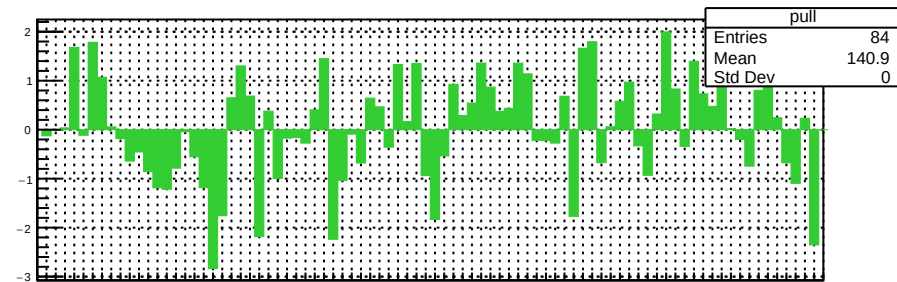
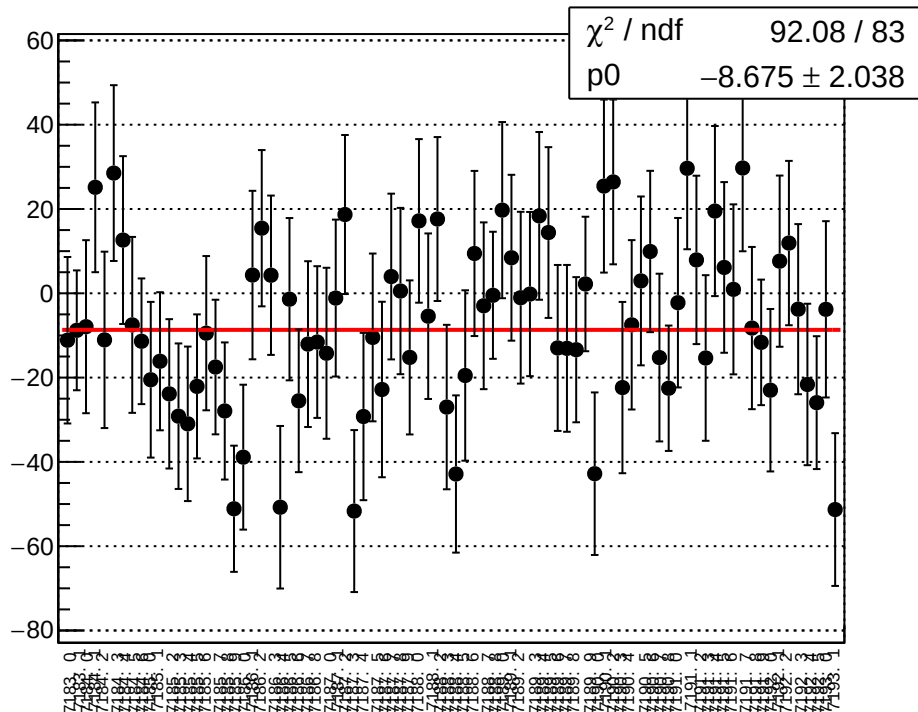
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs run



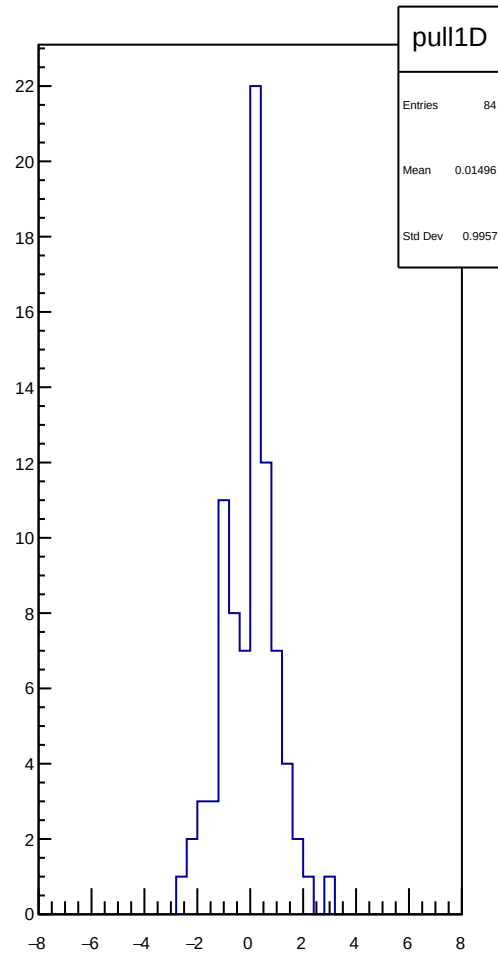
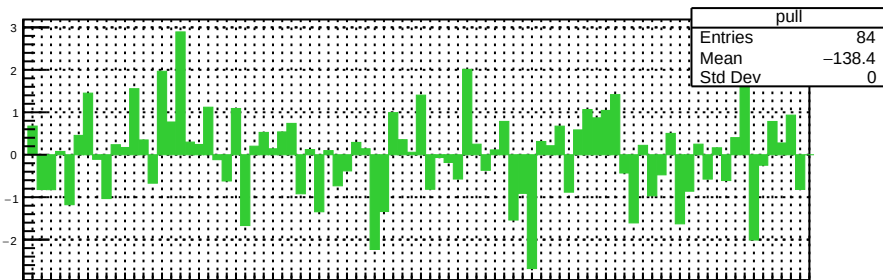
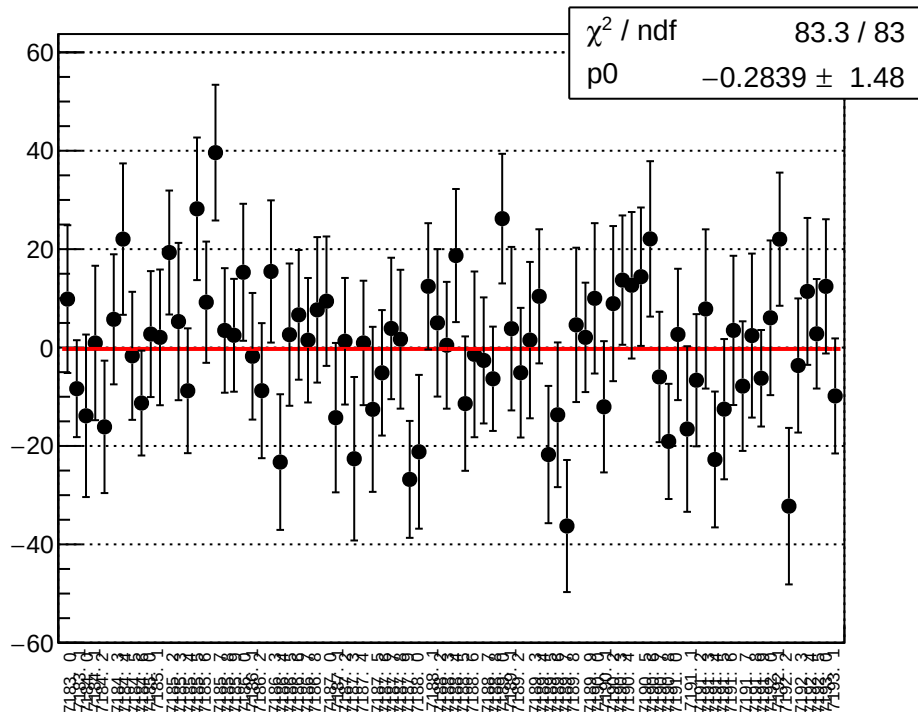
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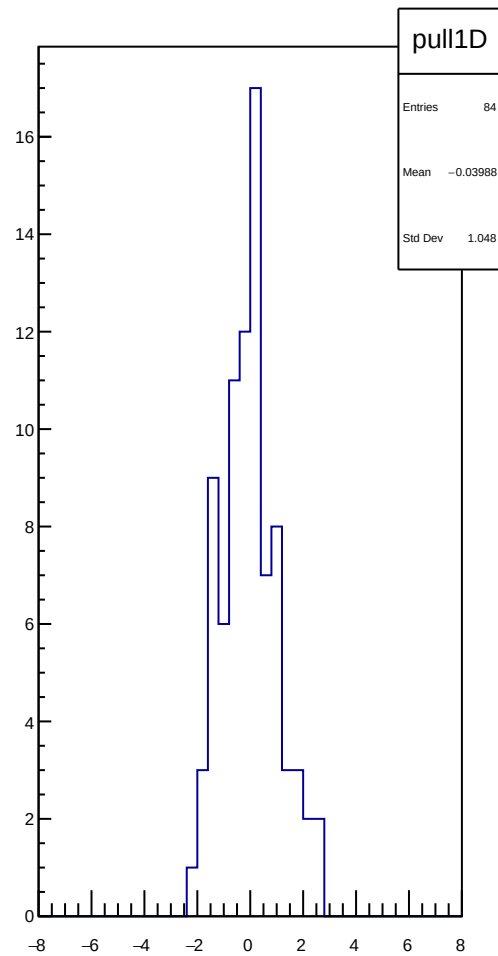
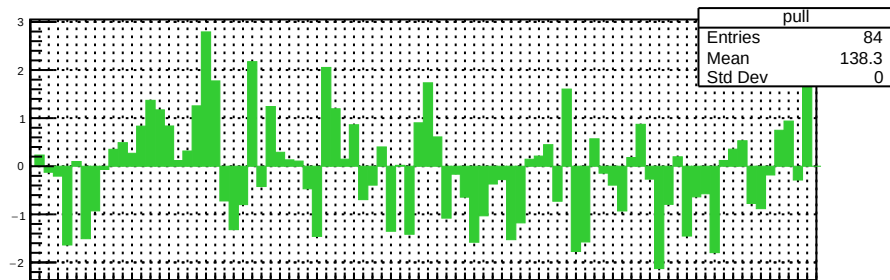
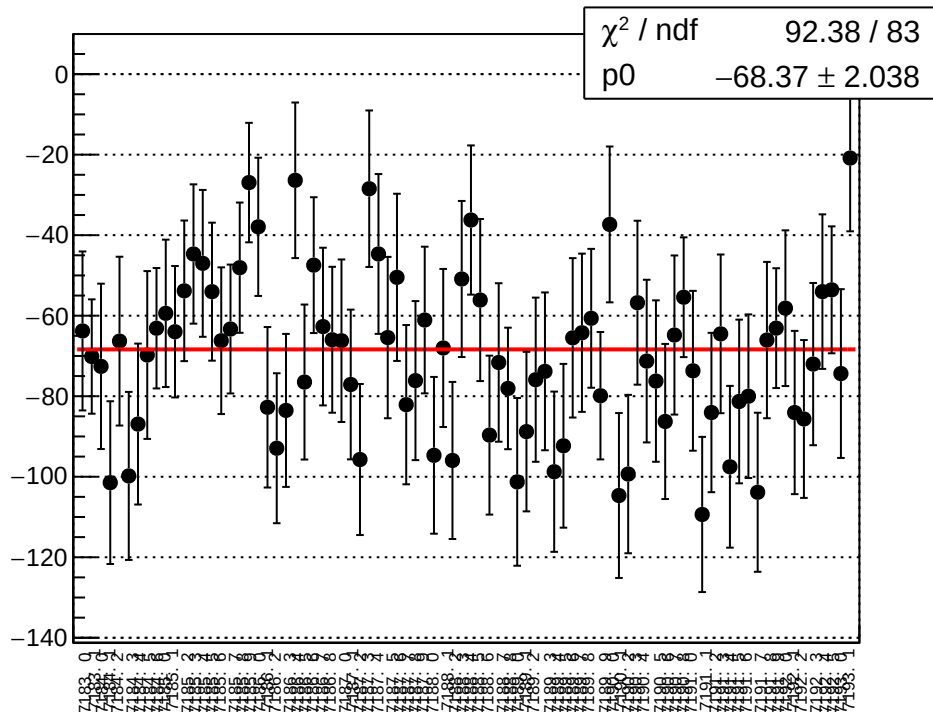
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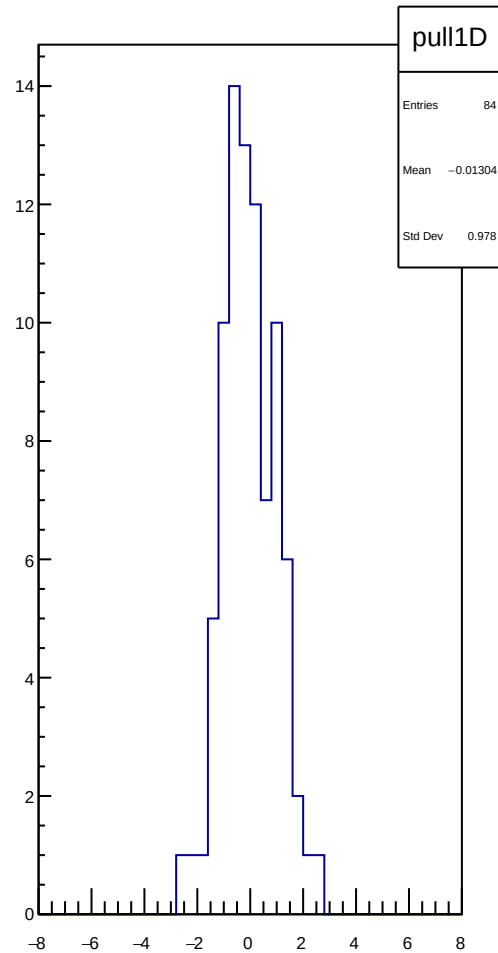
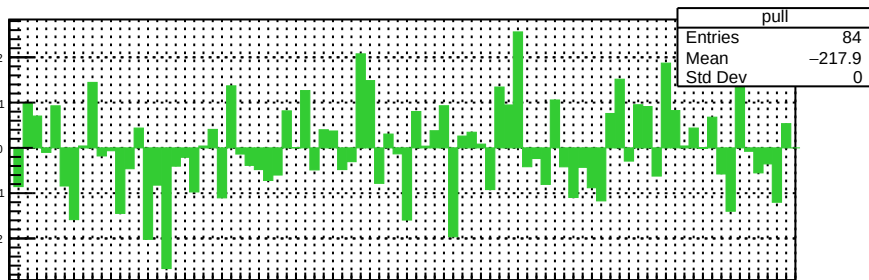
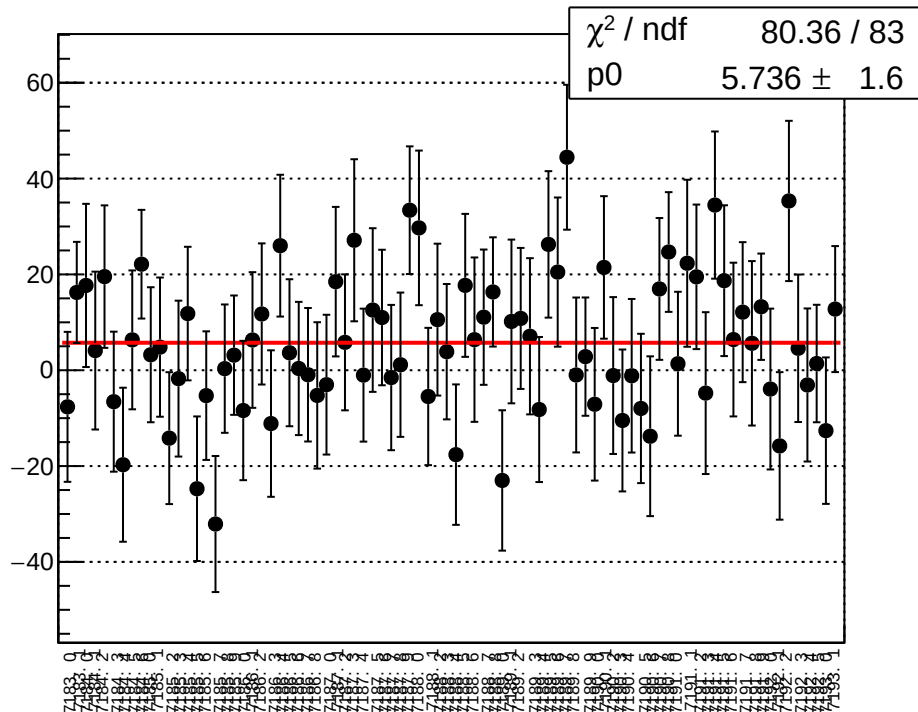
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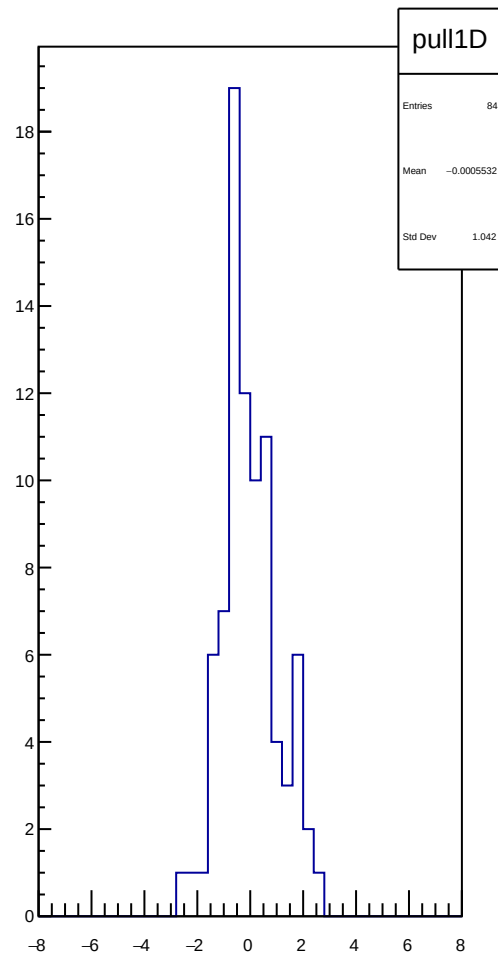
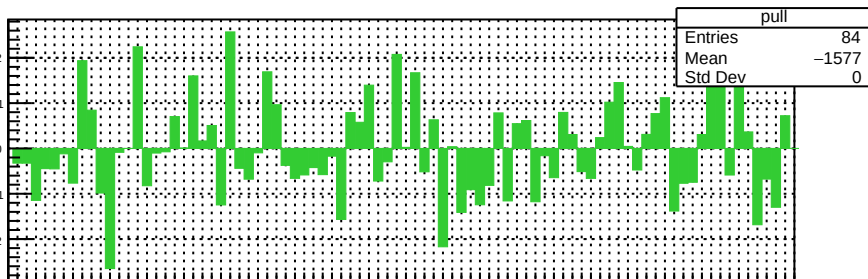
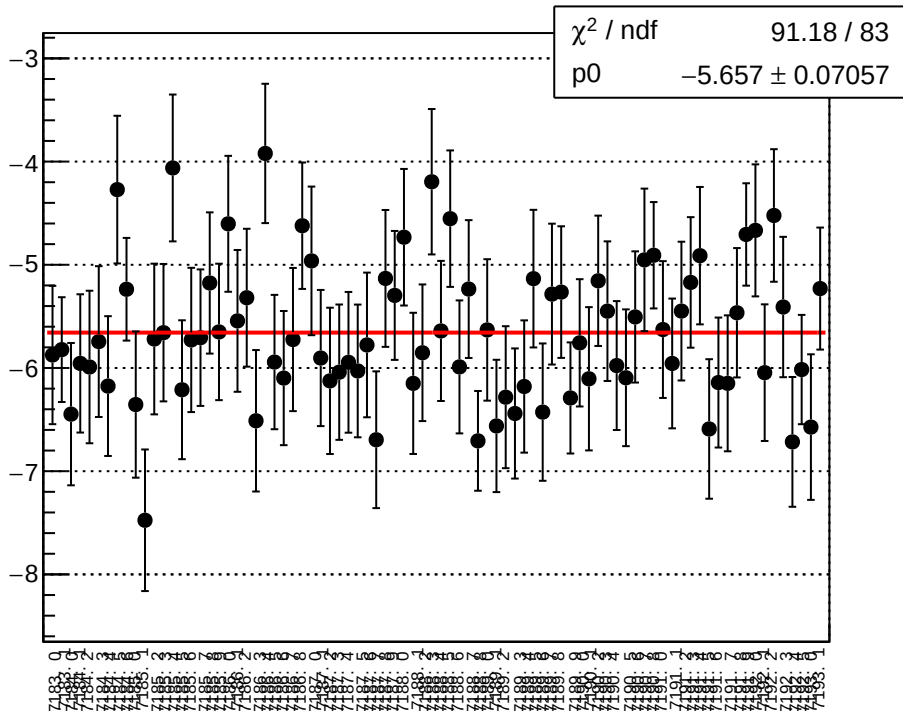
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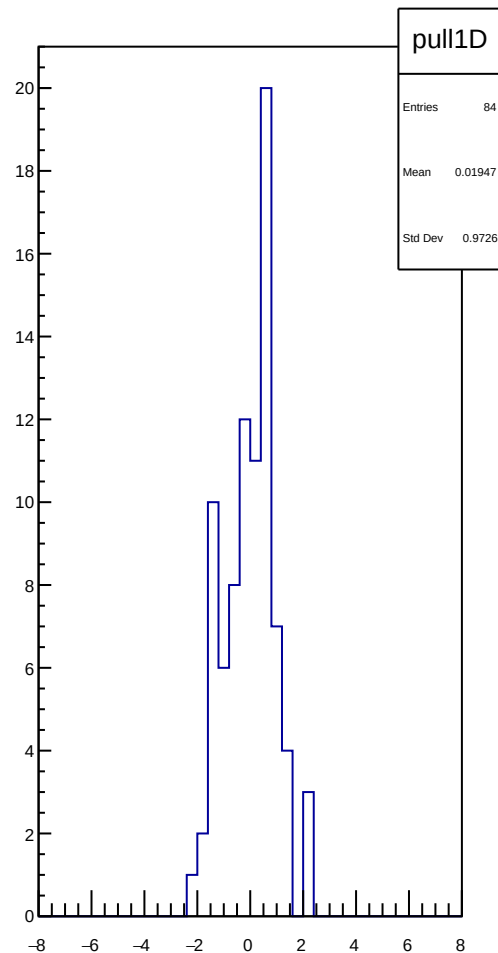
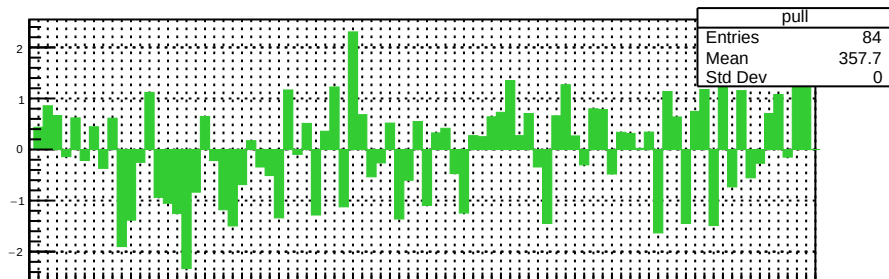
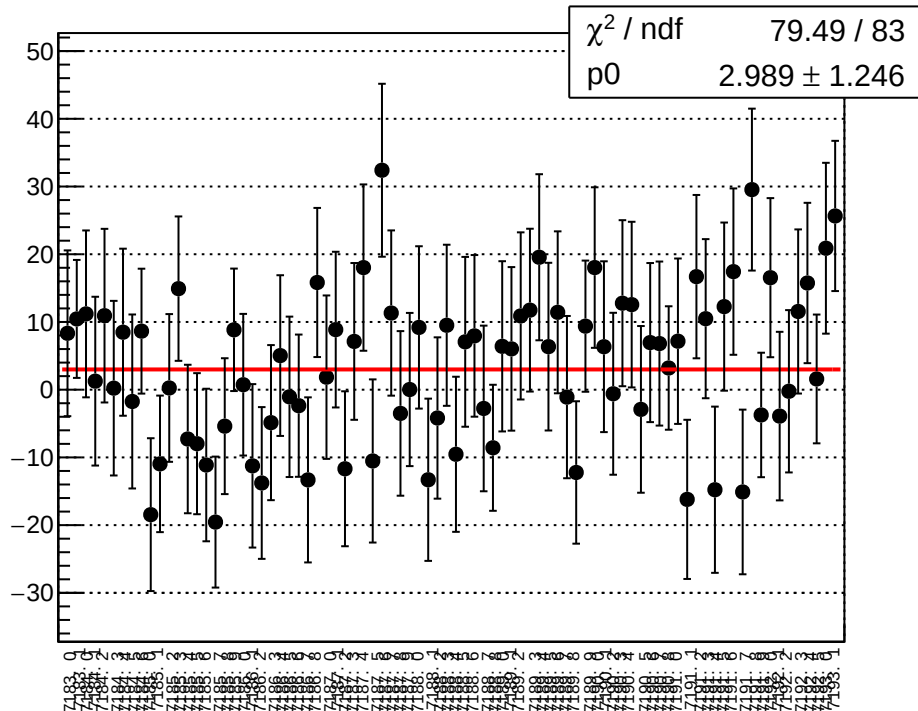
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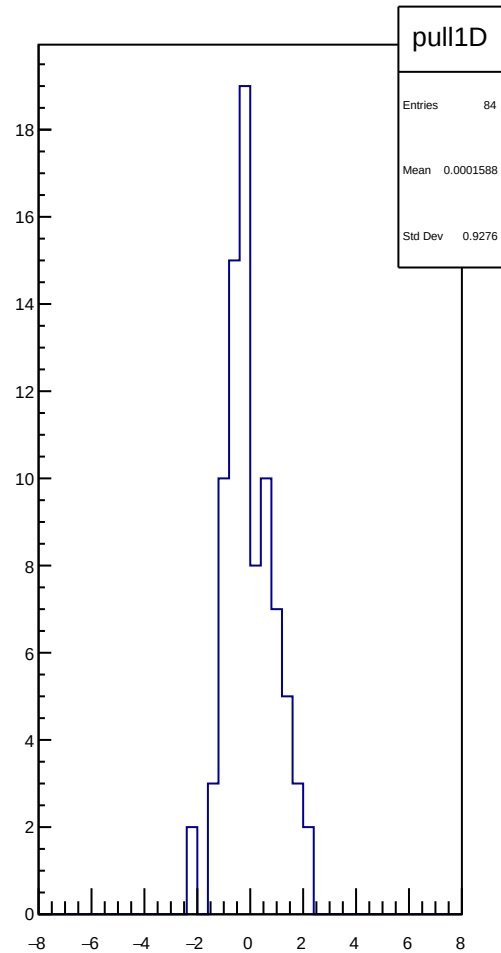
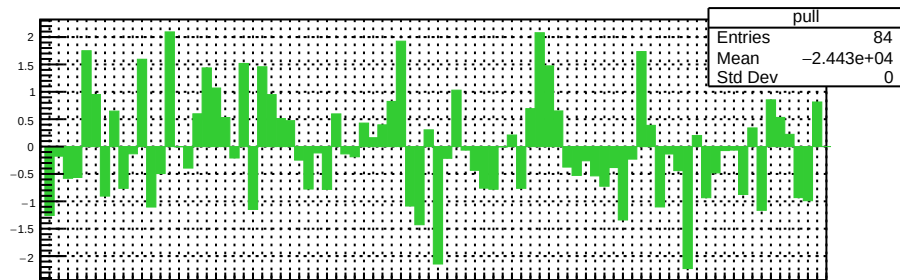
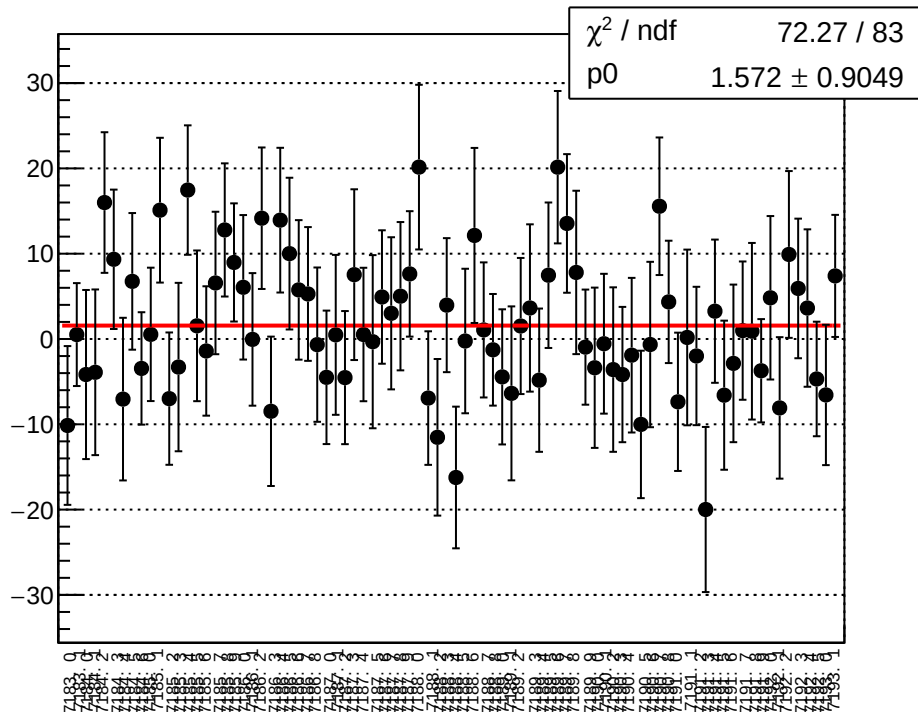
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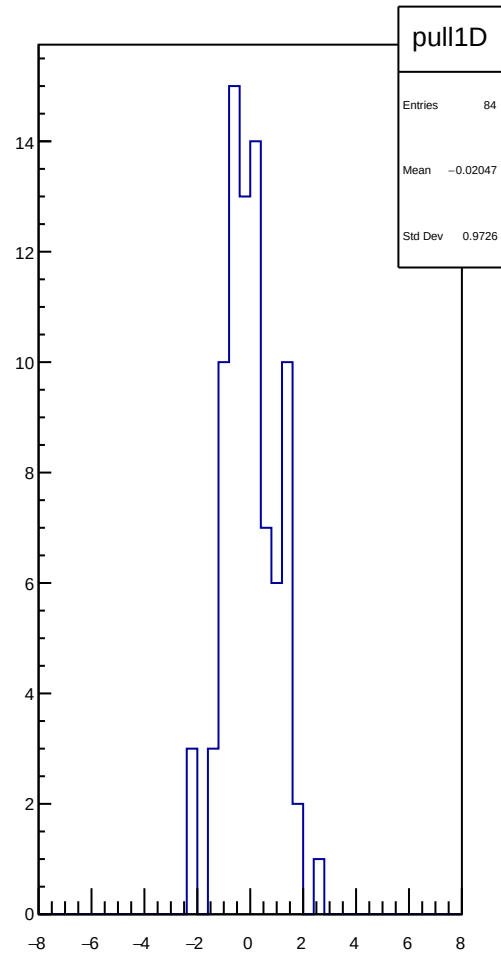
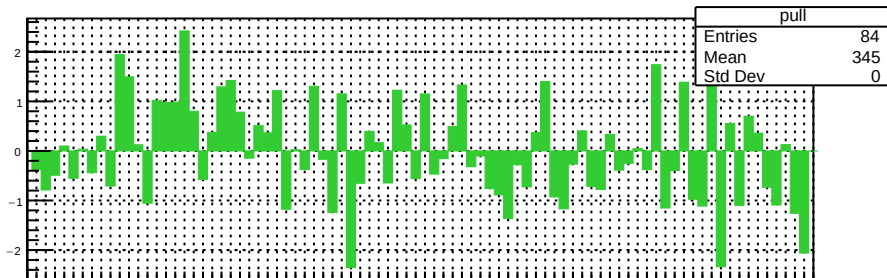
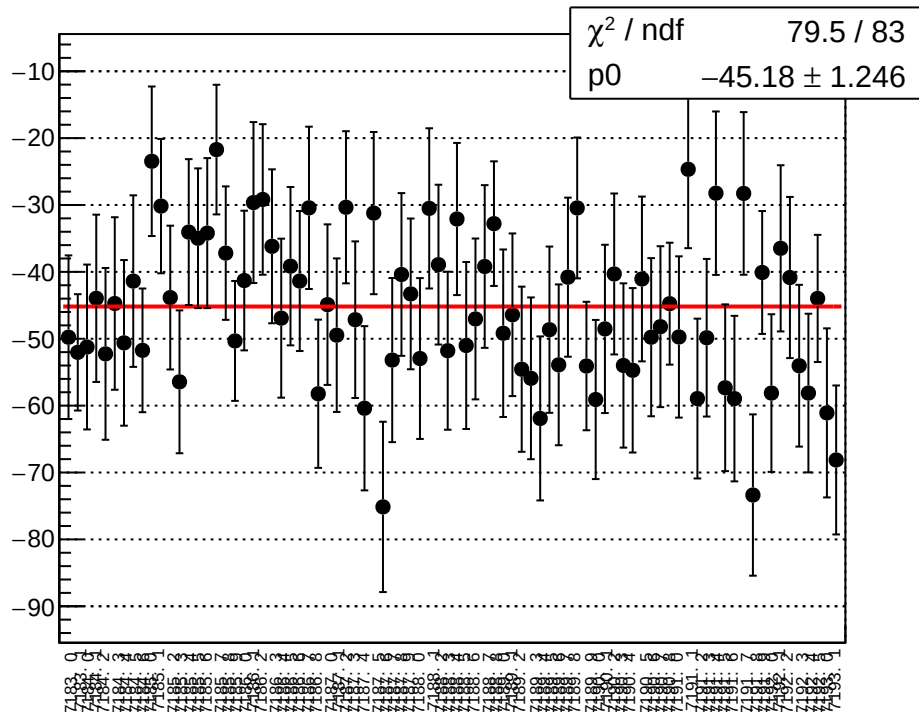
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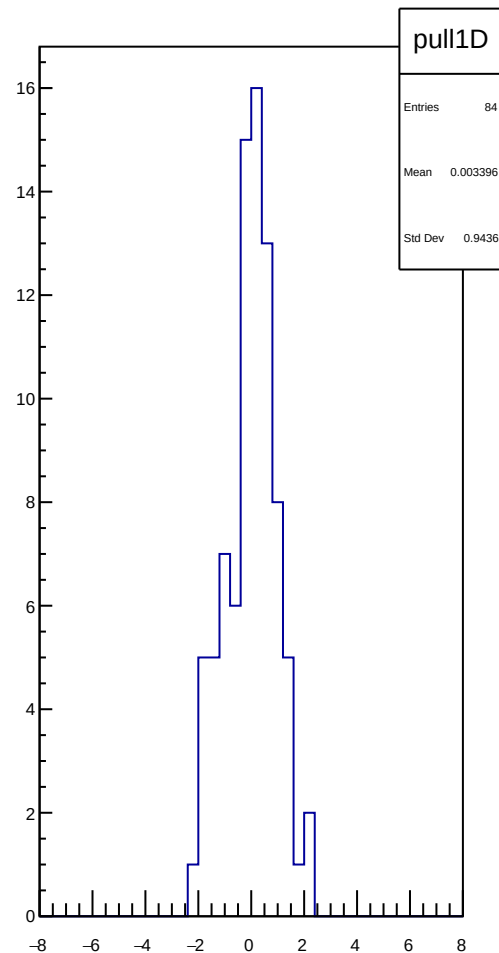
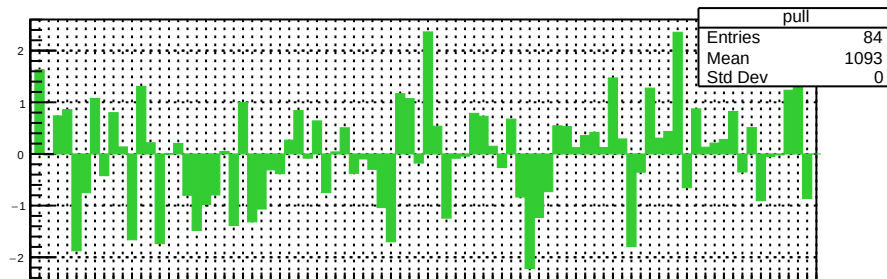
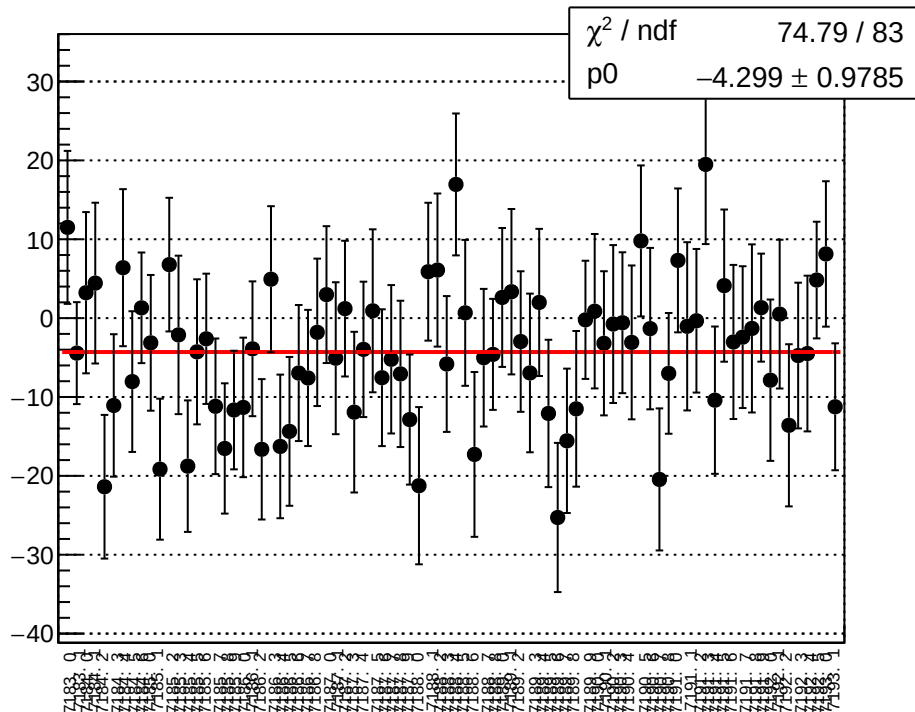
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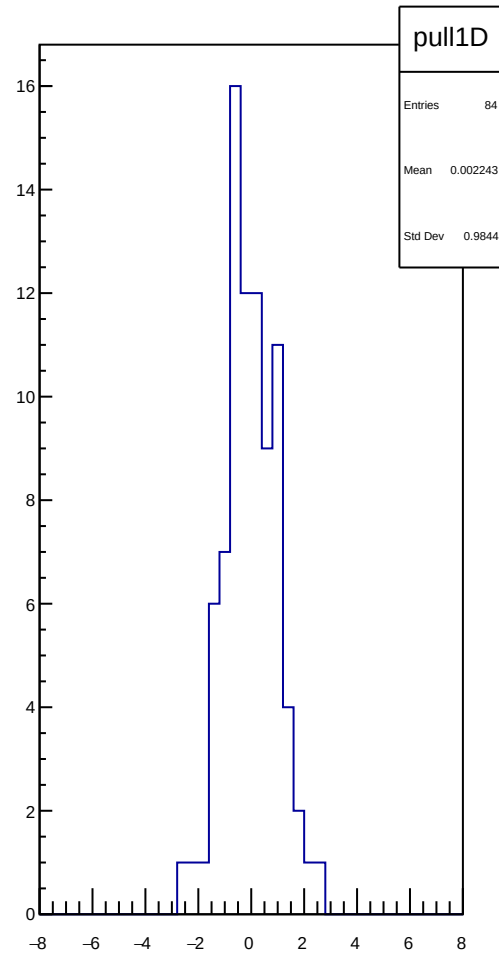
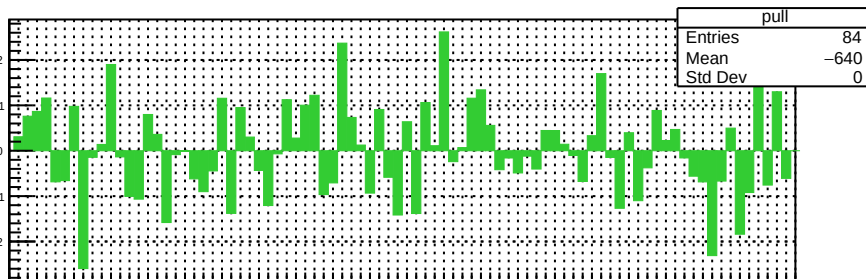
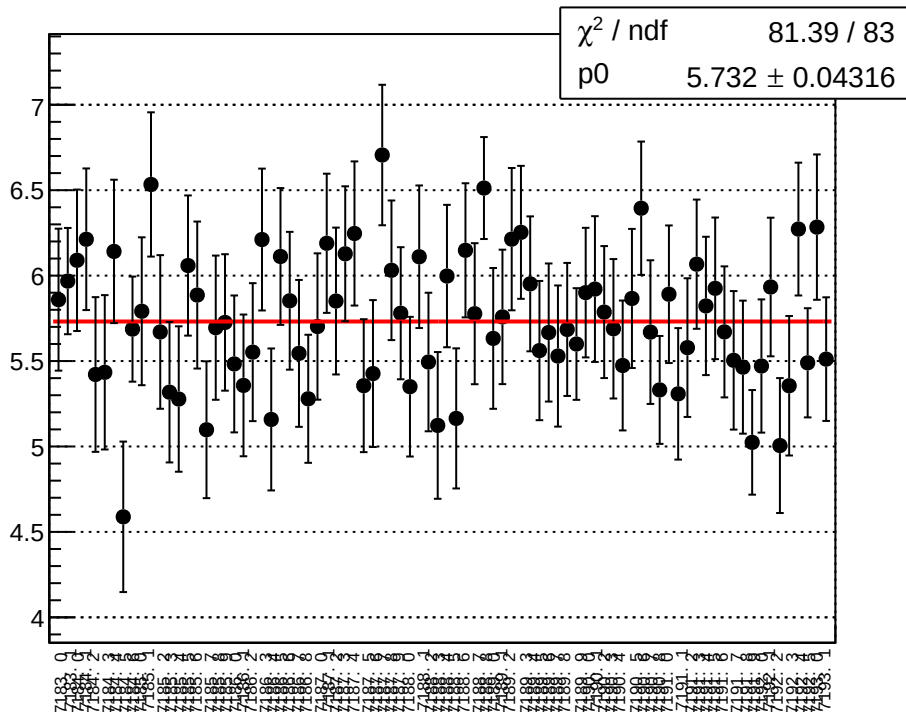
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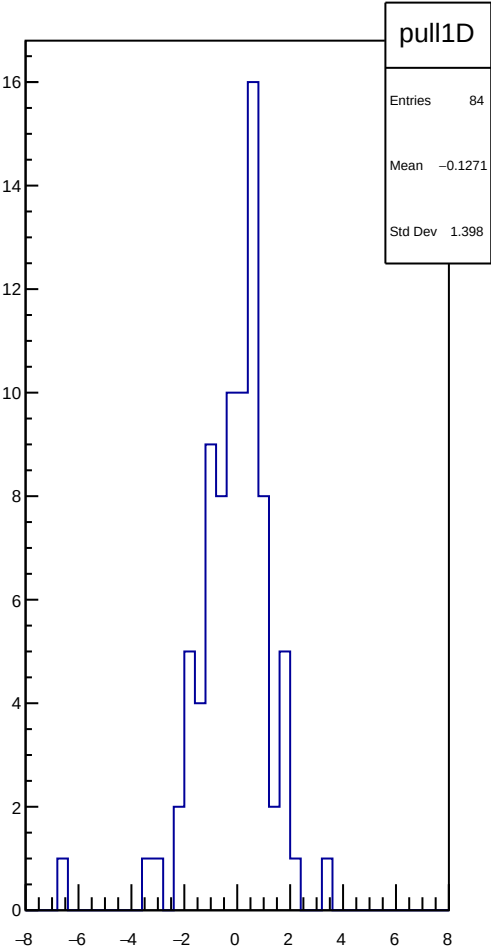
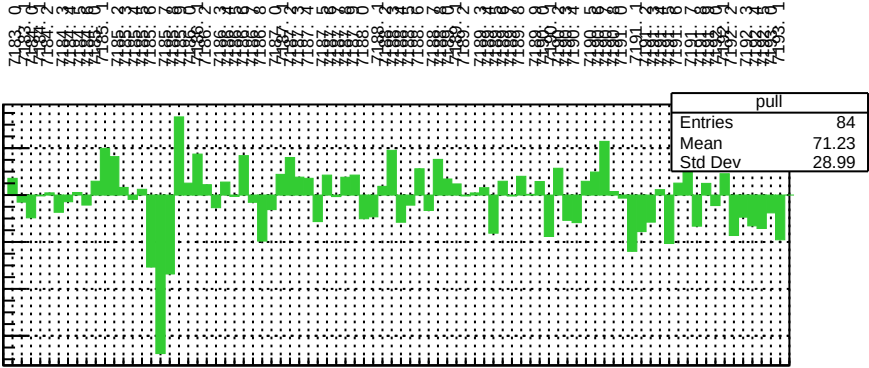
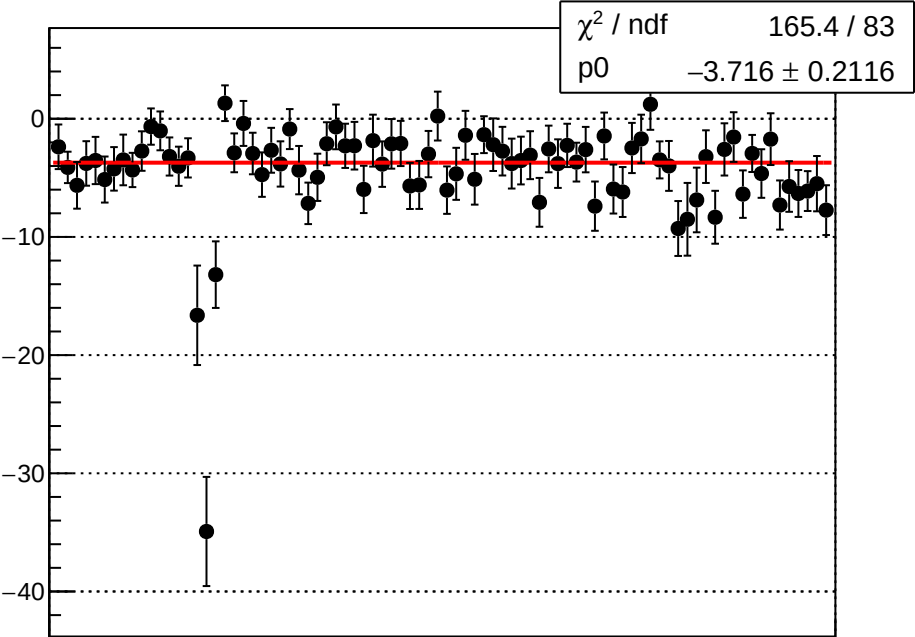
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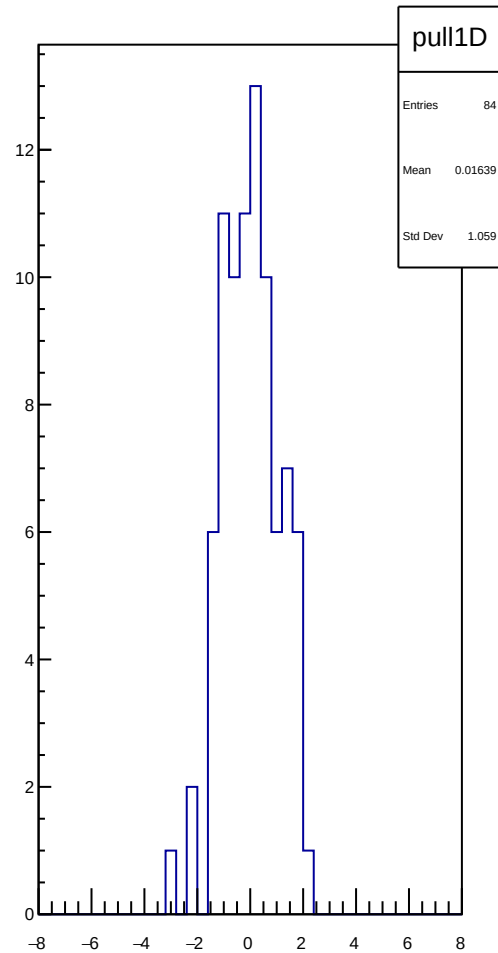
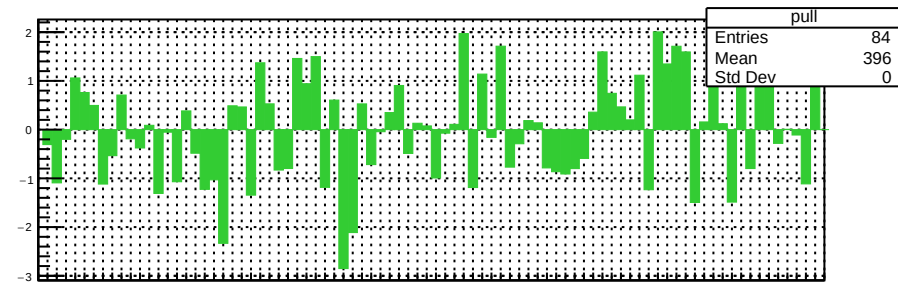
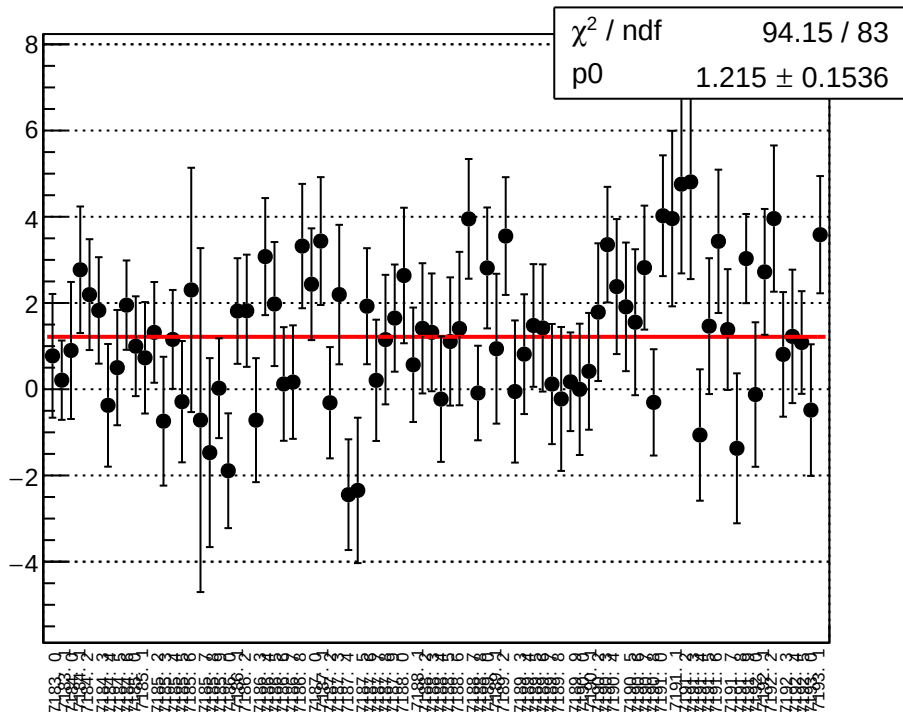
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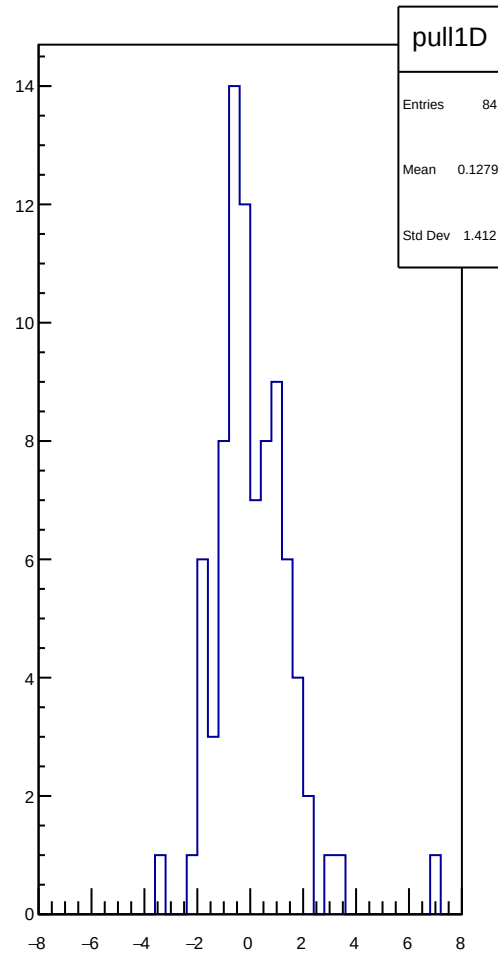
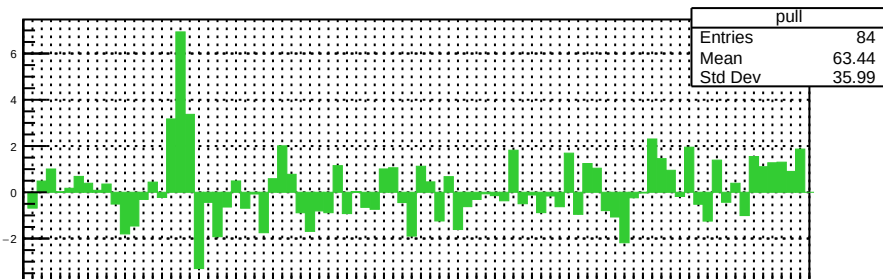
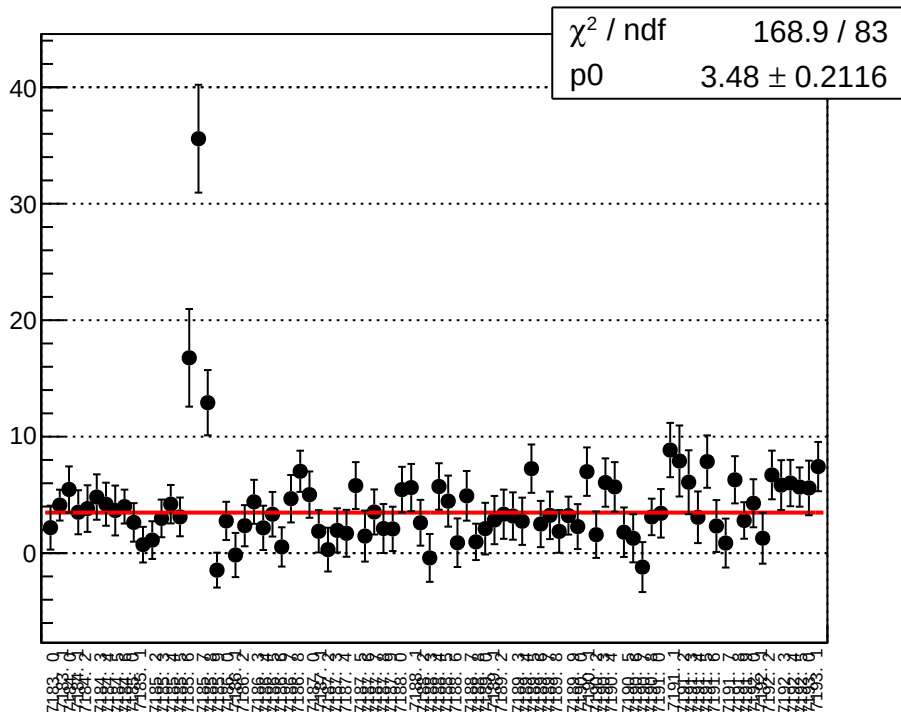
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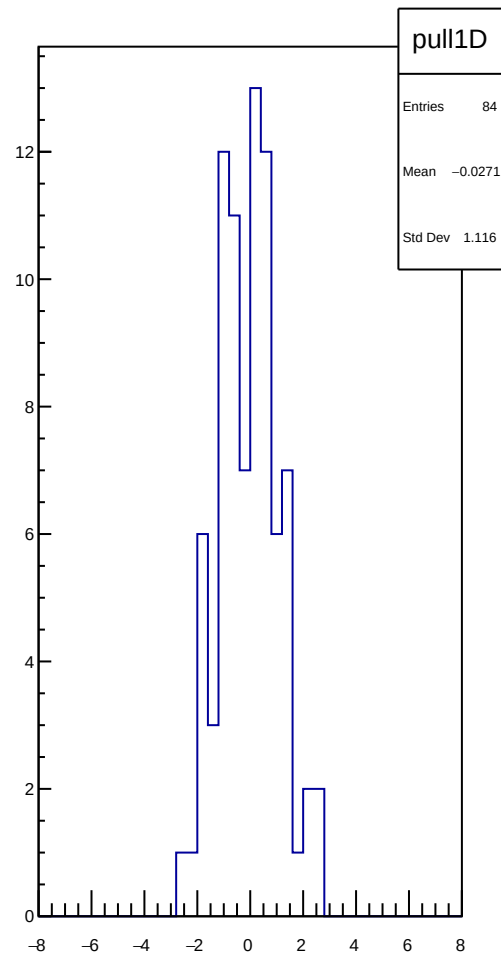
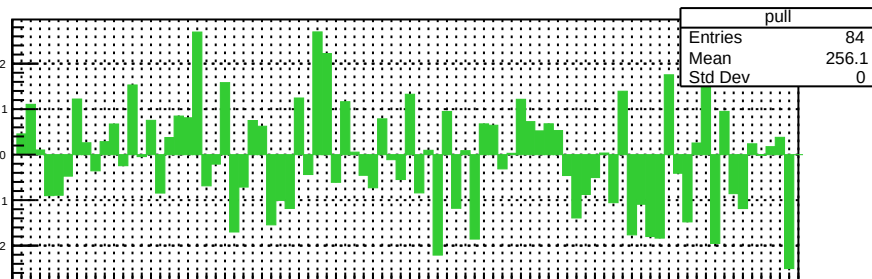
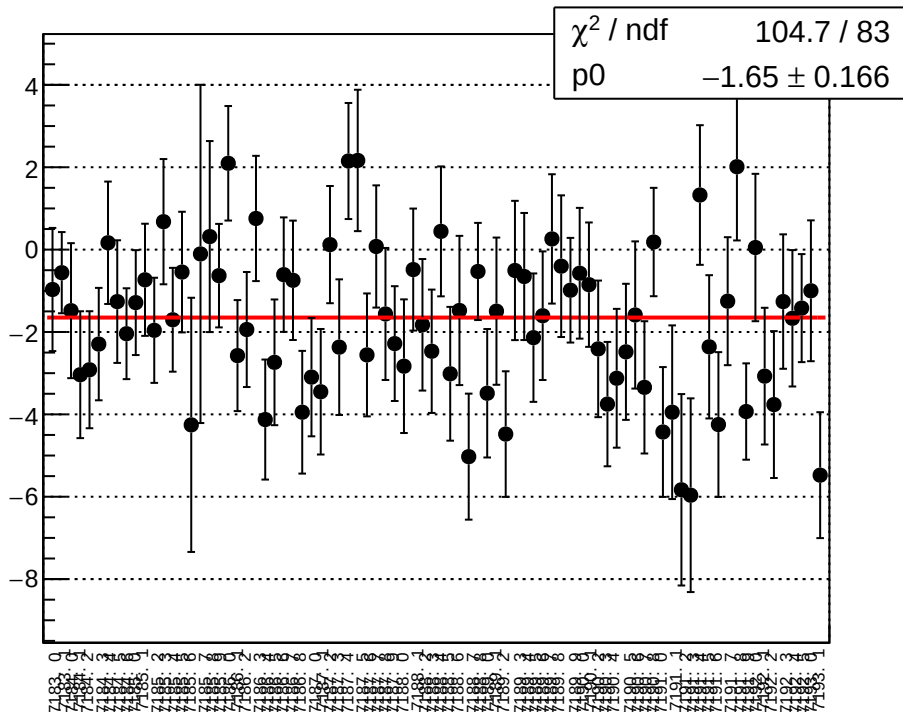
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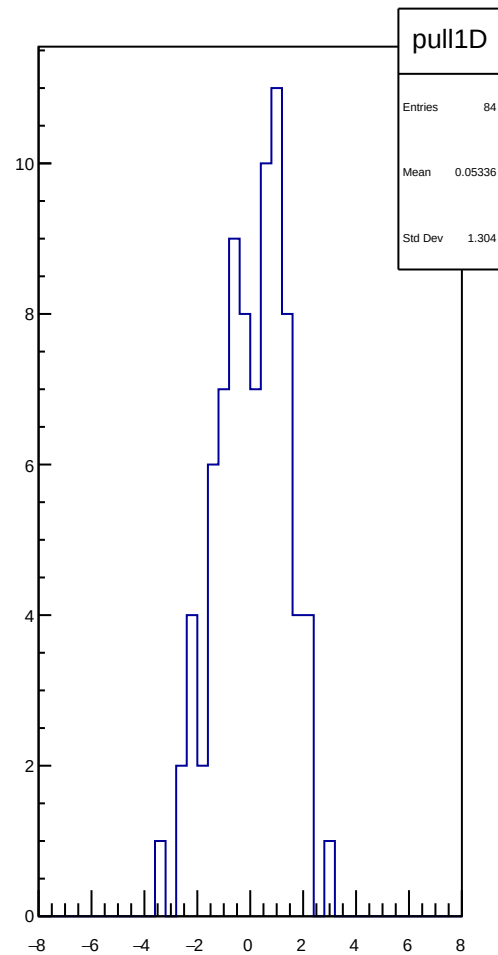
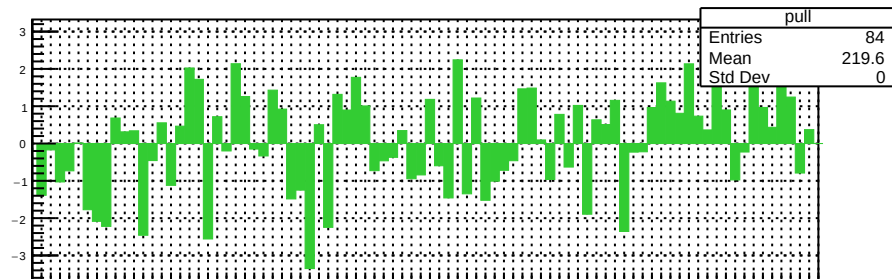
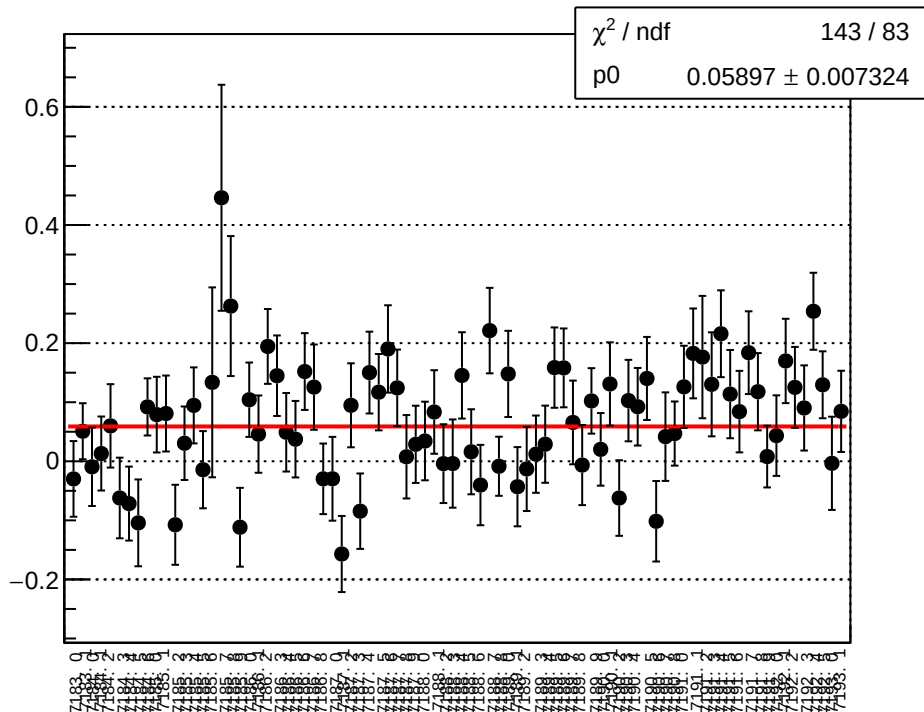
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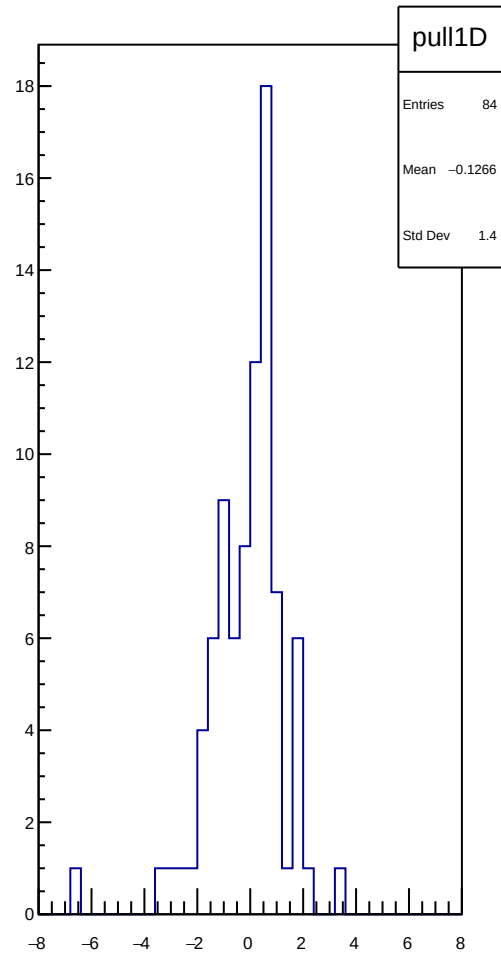
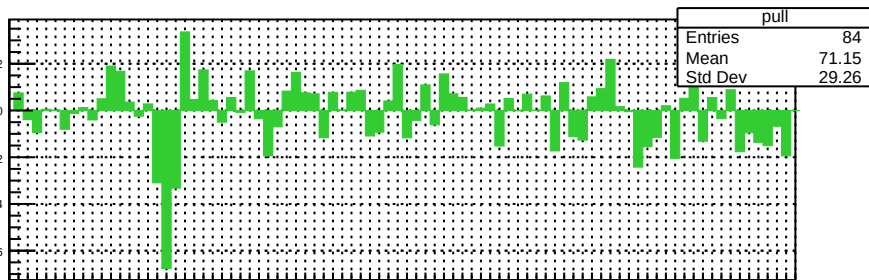
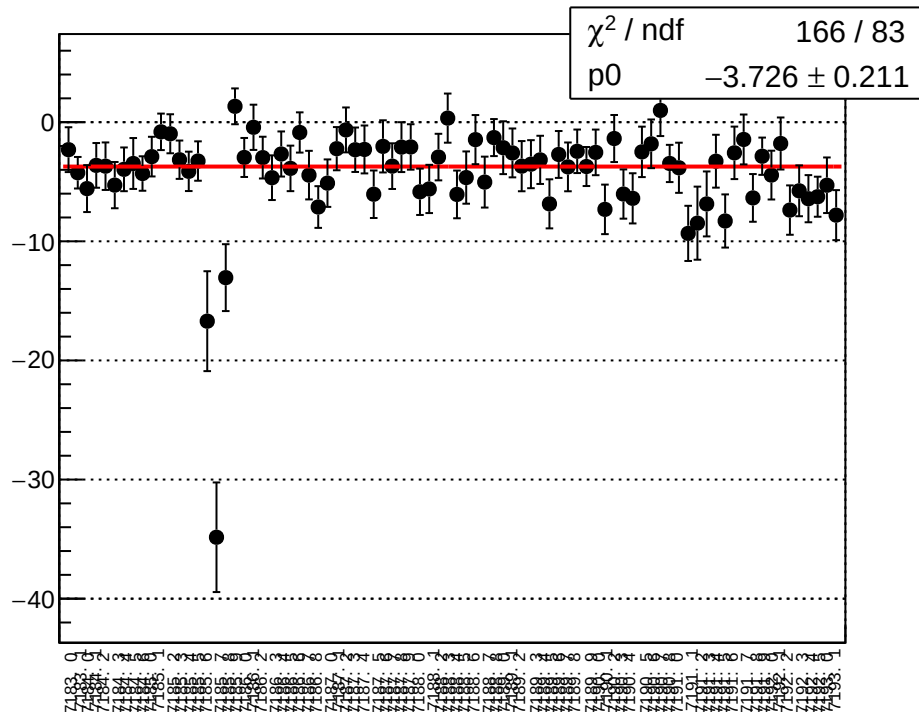
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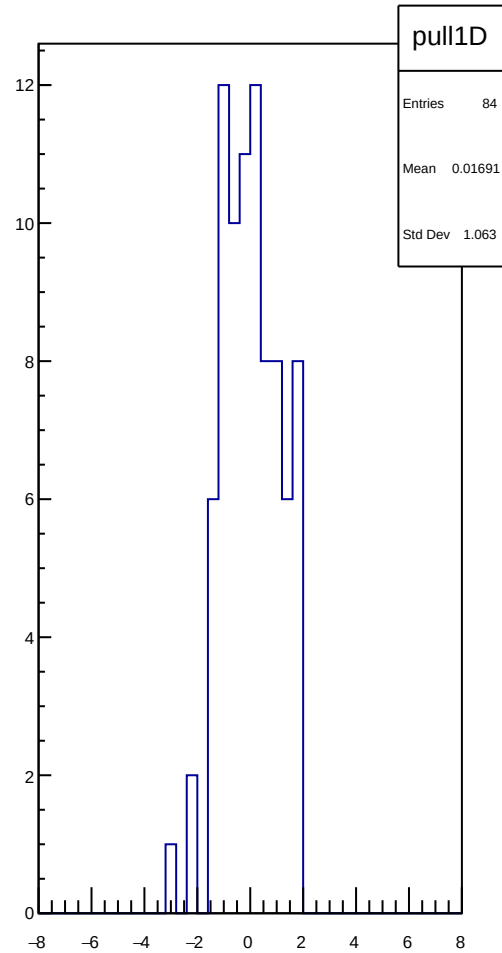
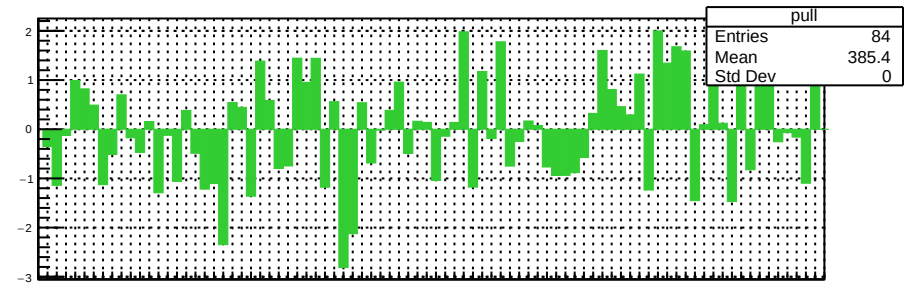
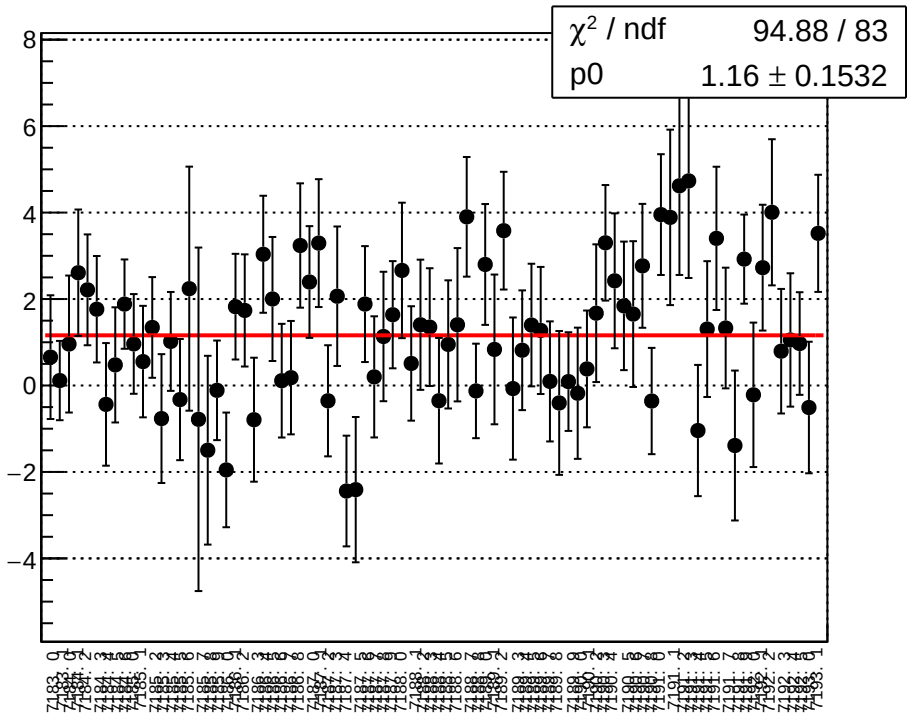
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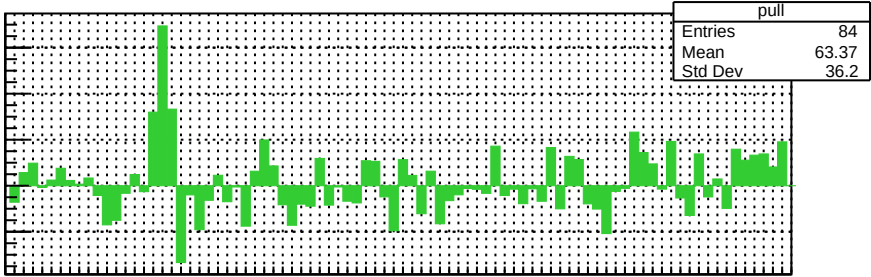
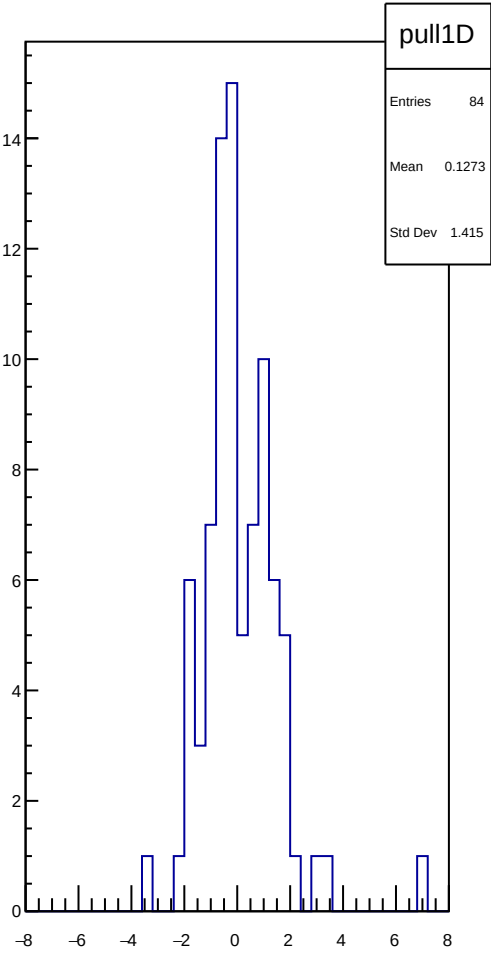
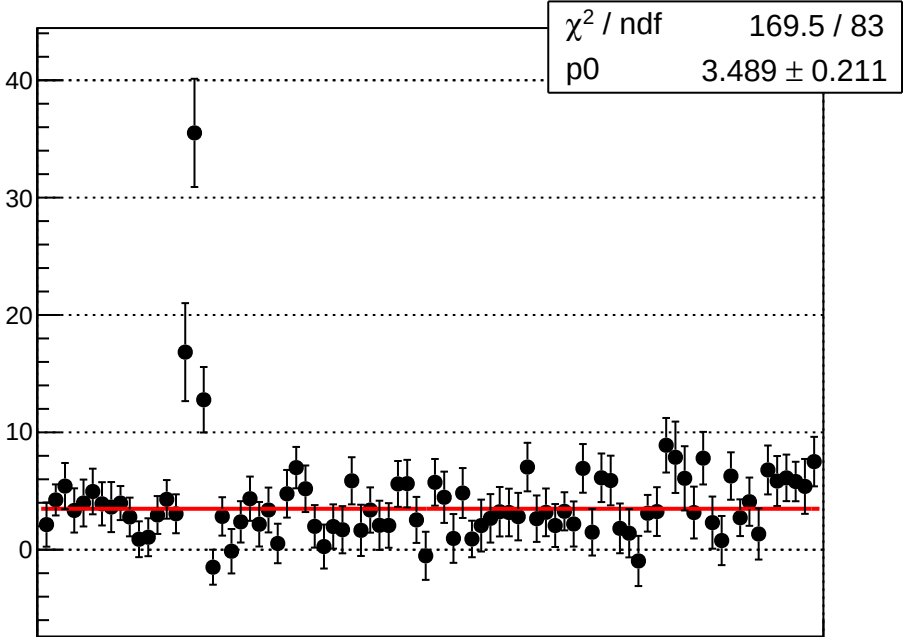
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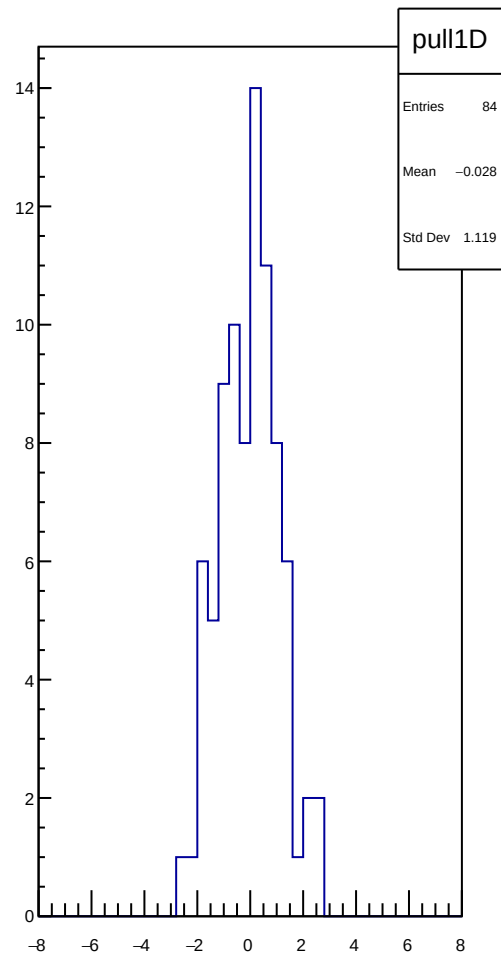
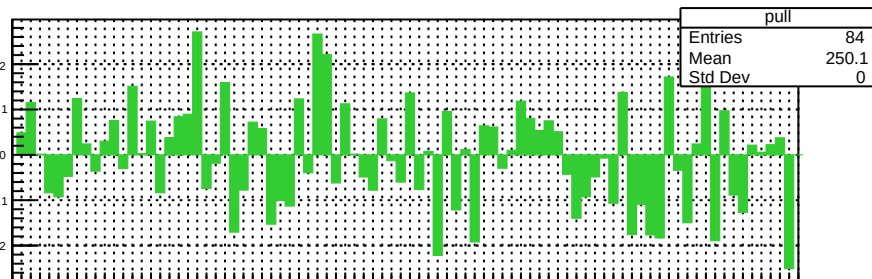
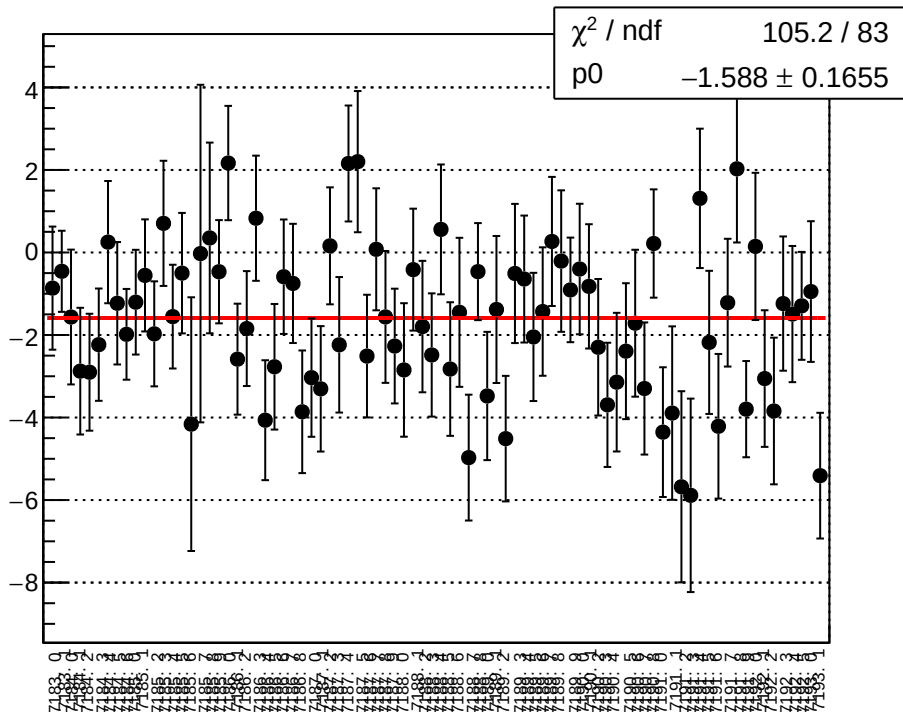
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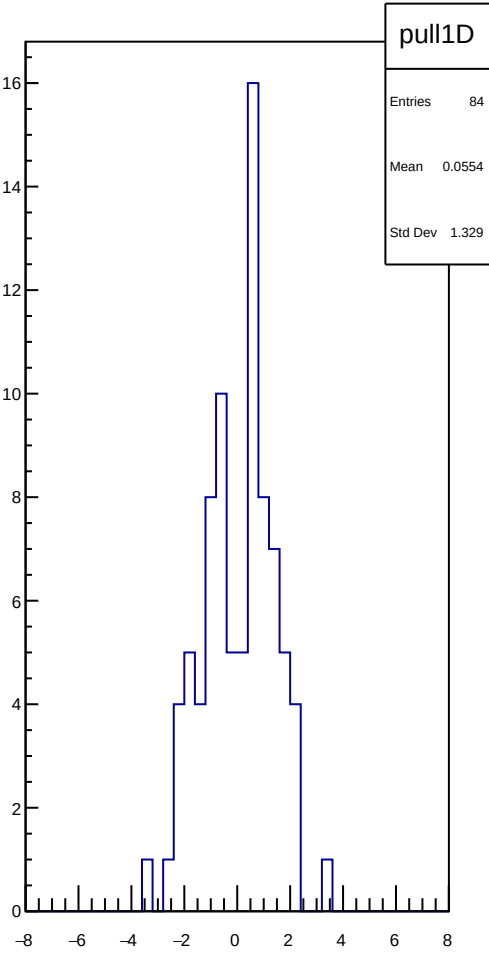
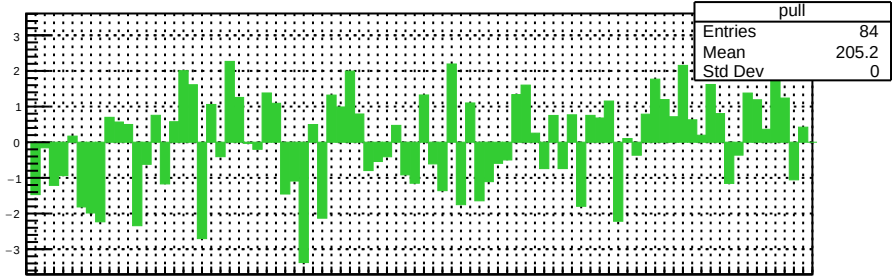
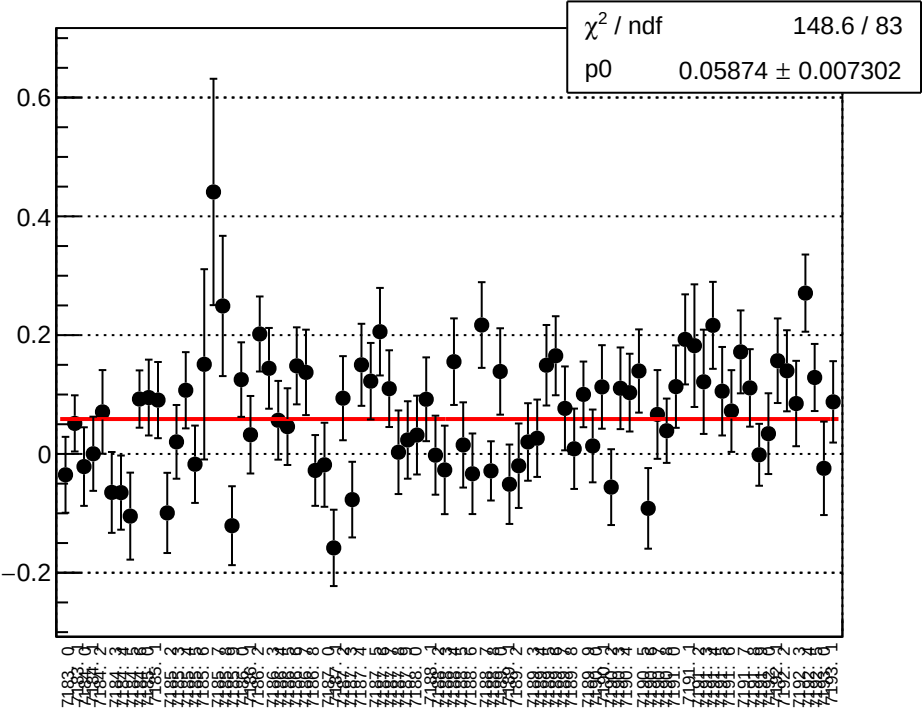
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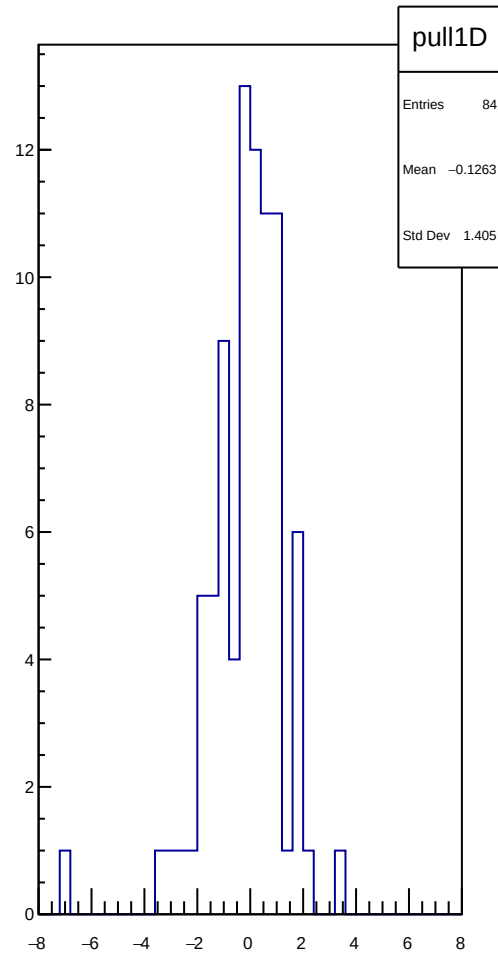
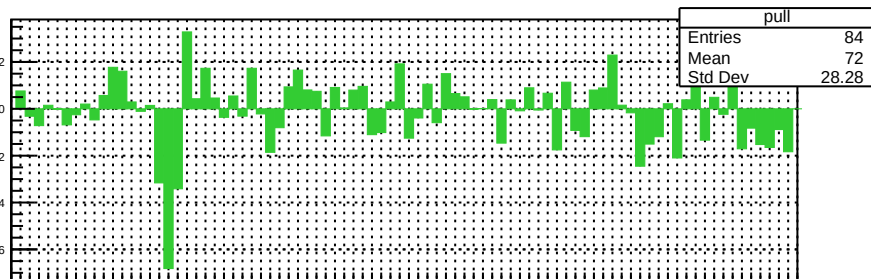
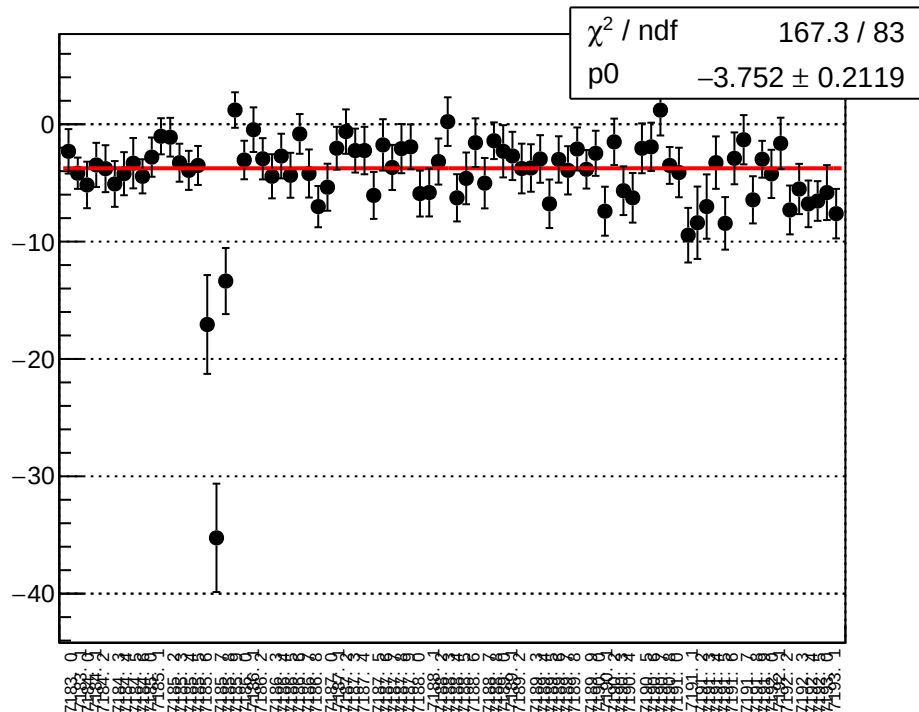
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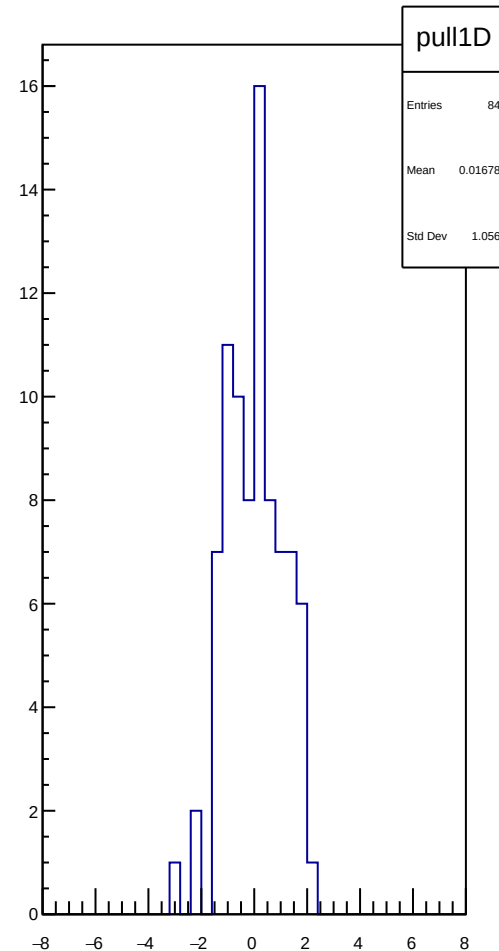
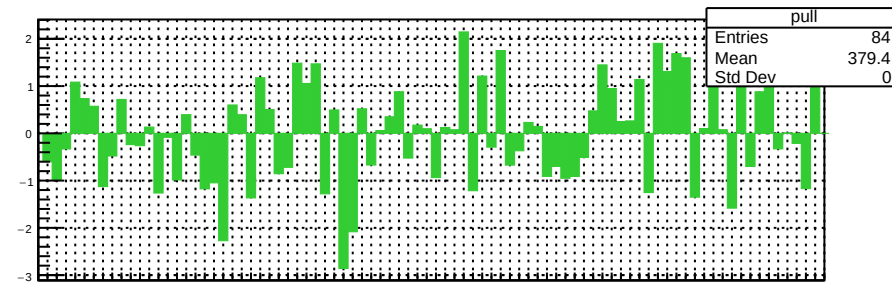
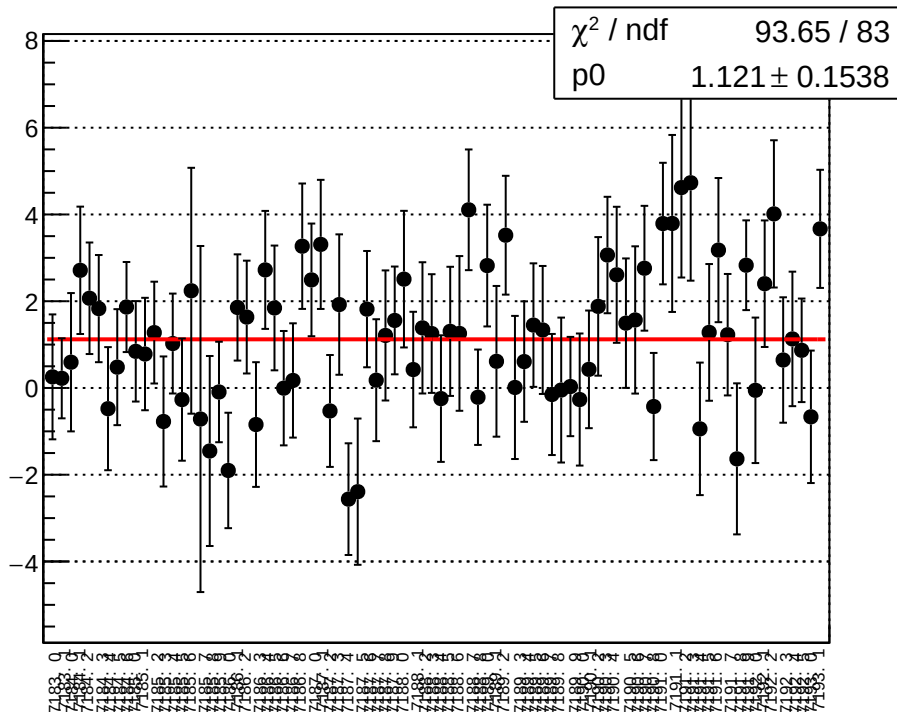
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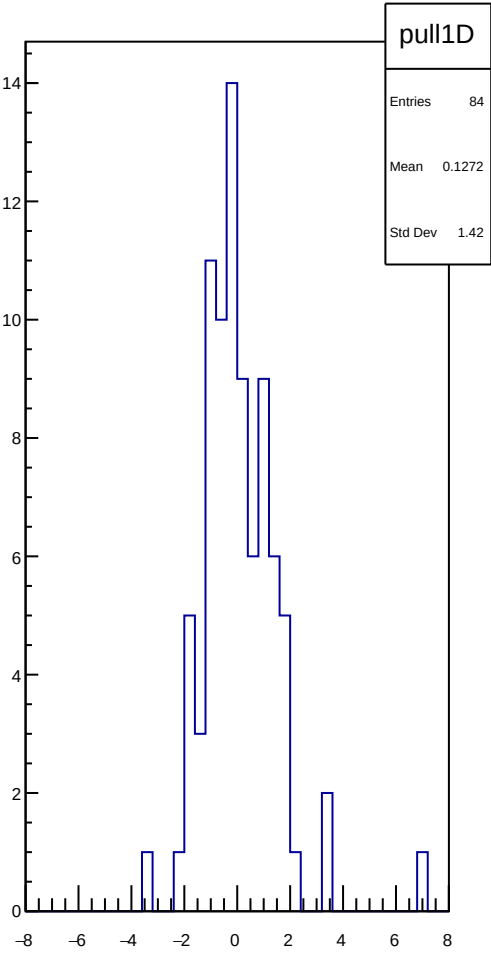
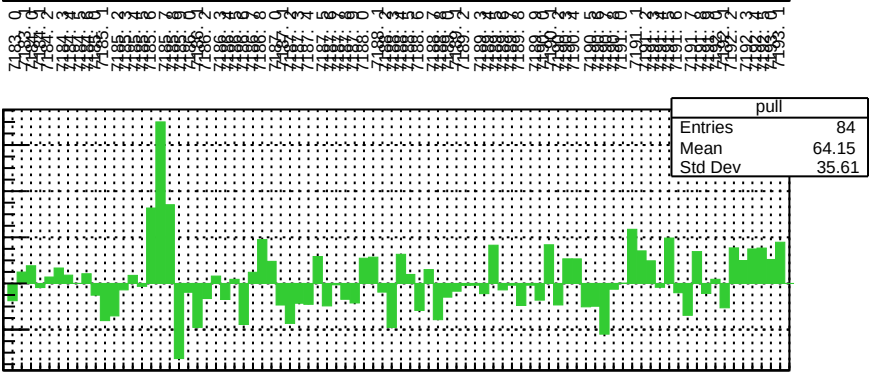
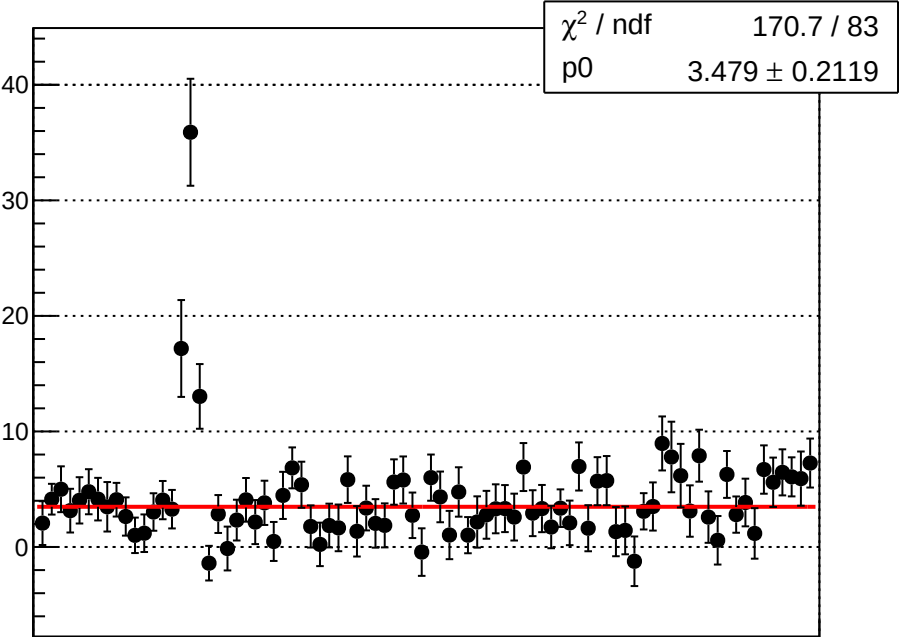
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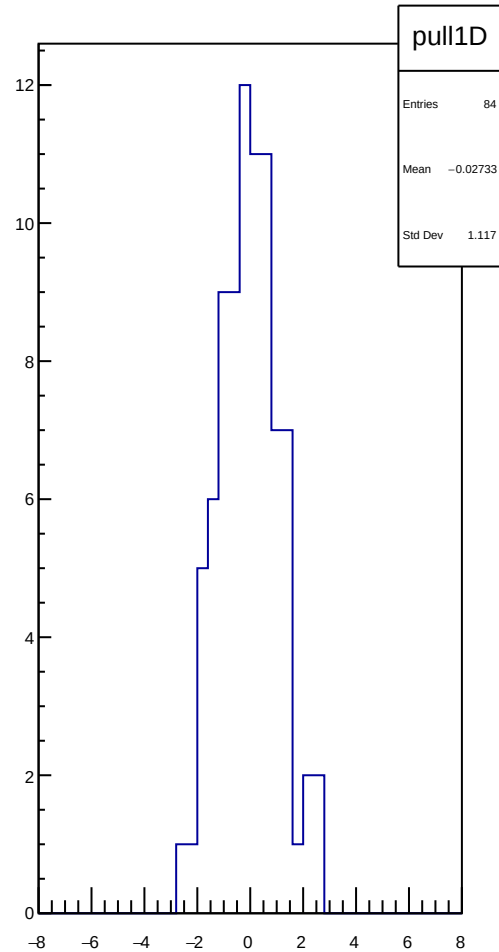
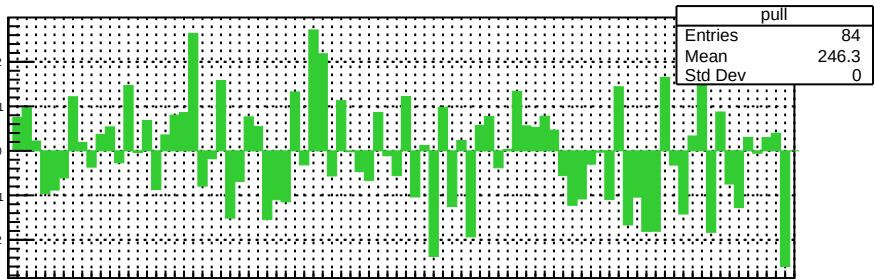
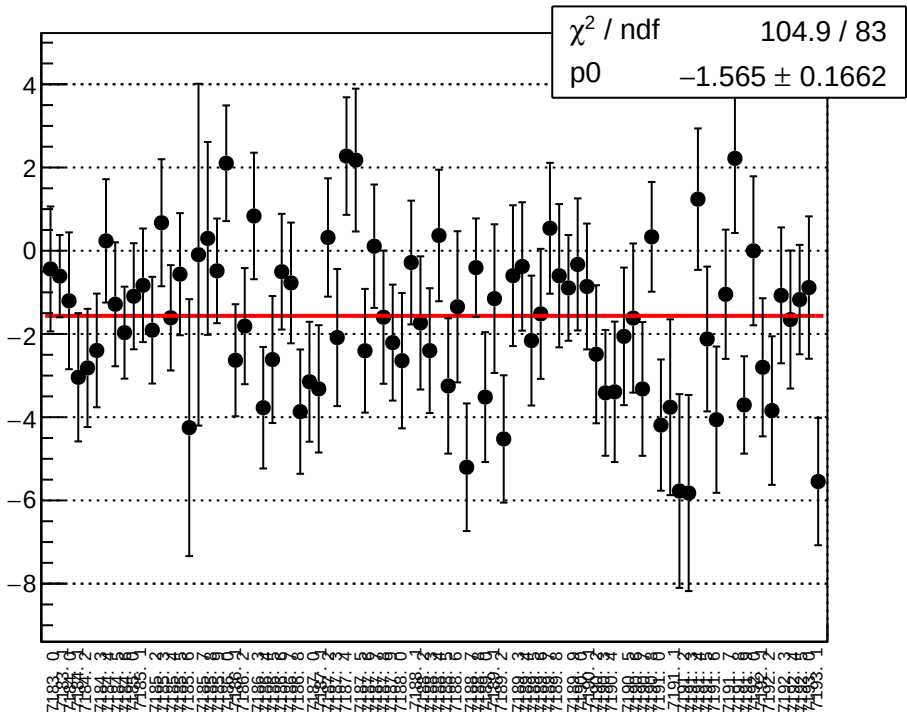
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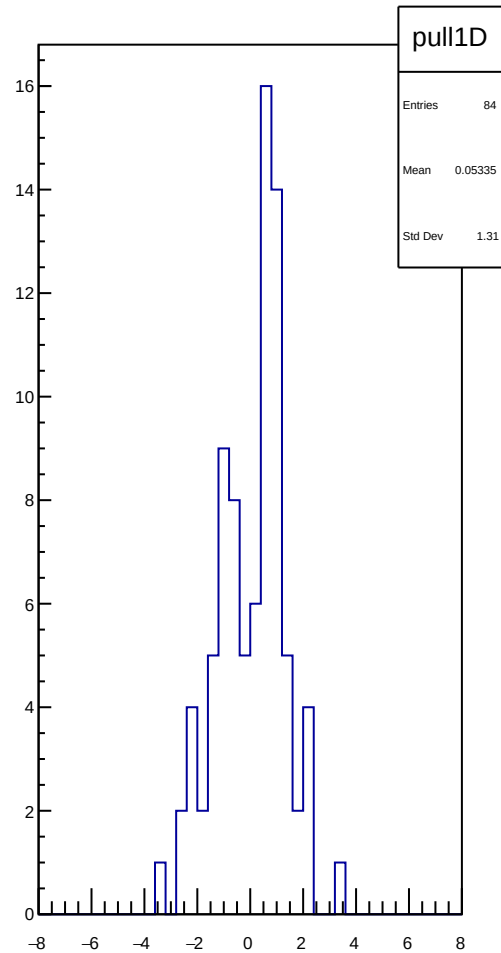
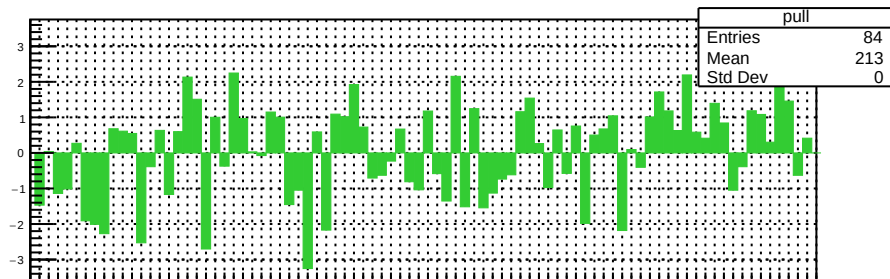
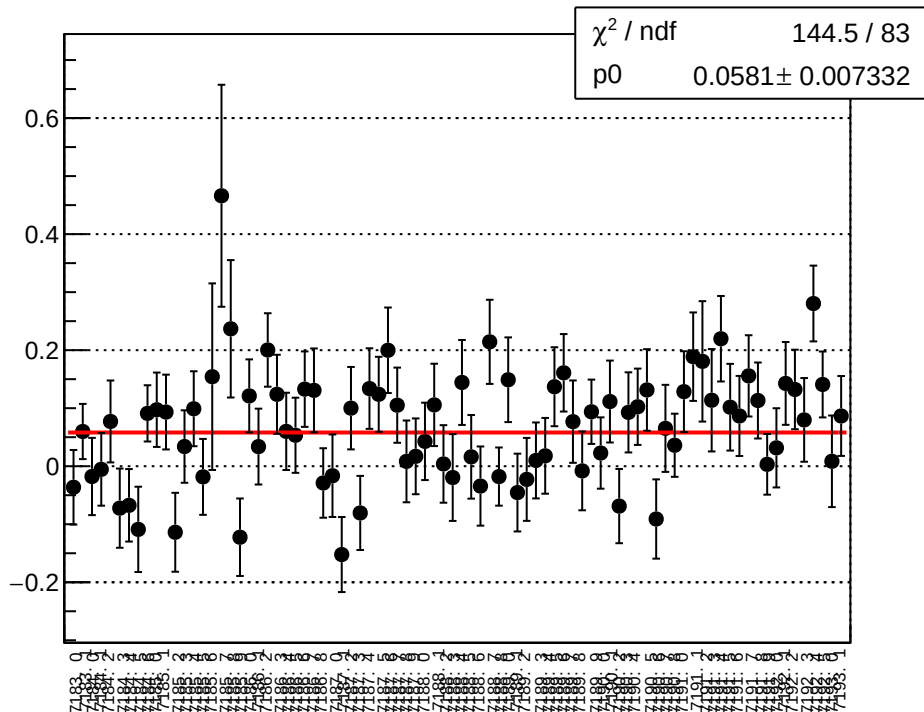
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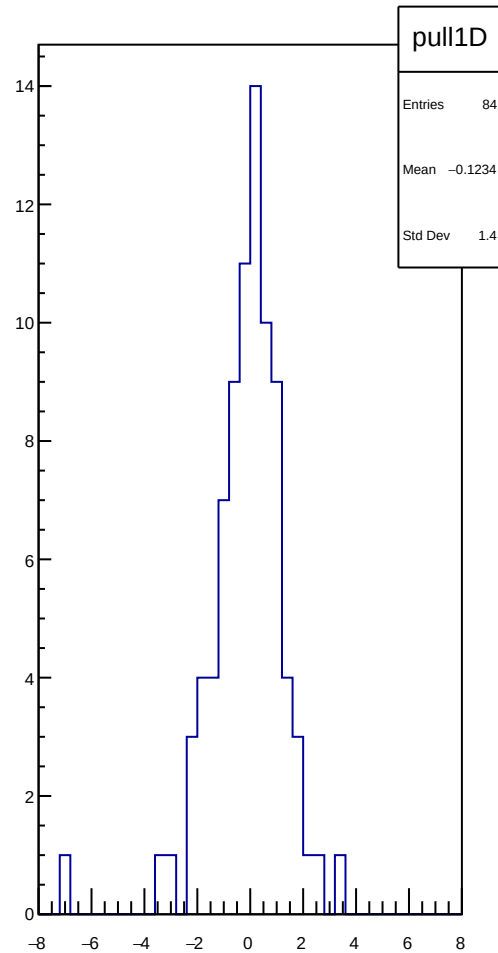
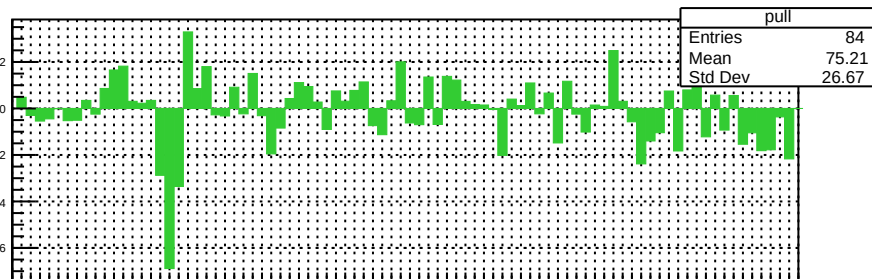
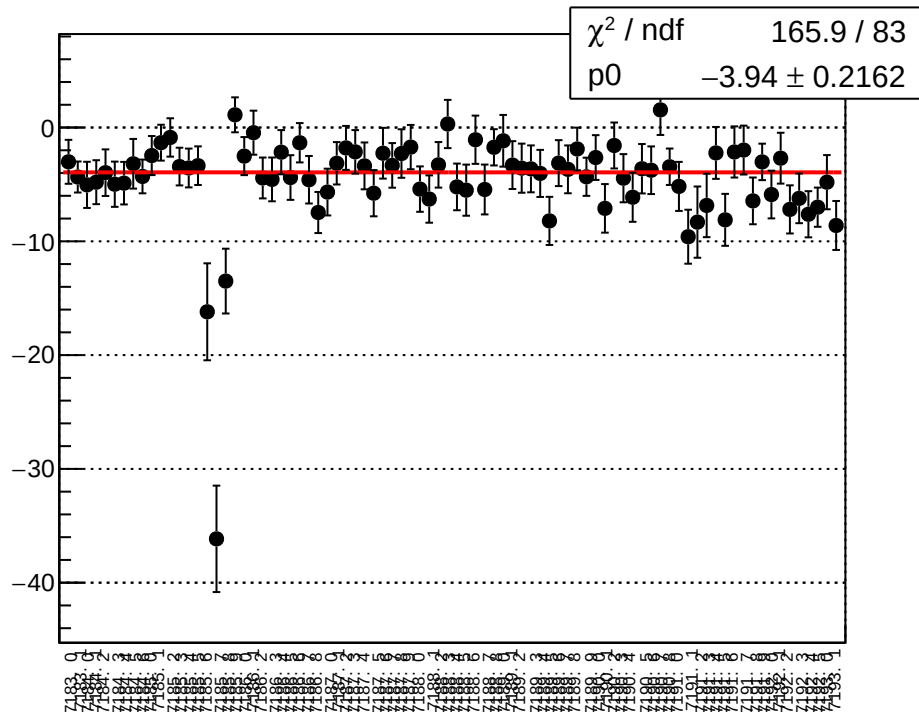
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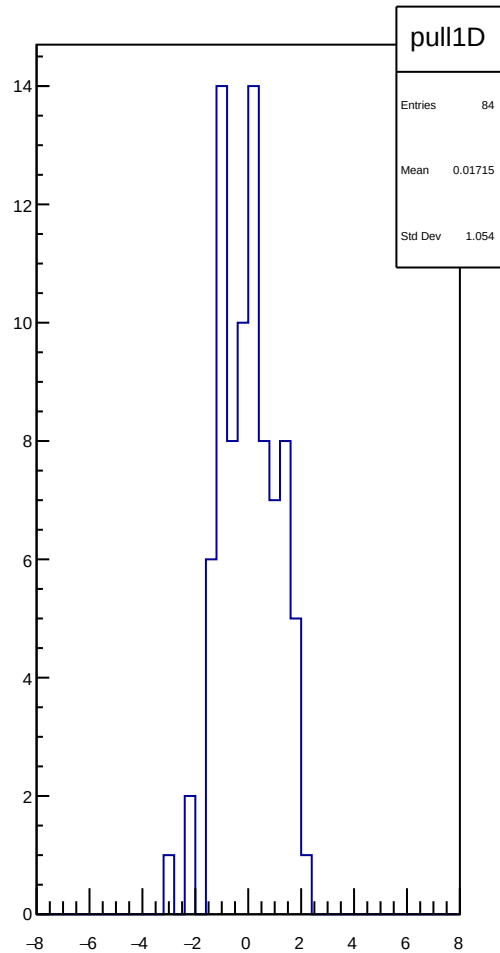
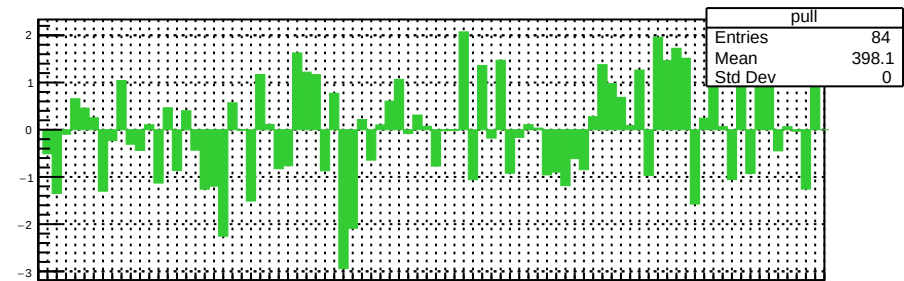
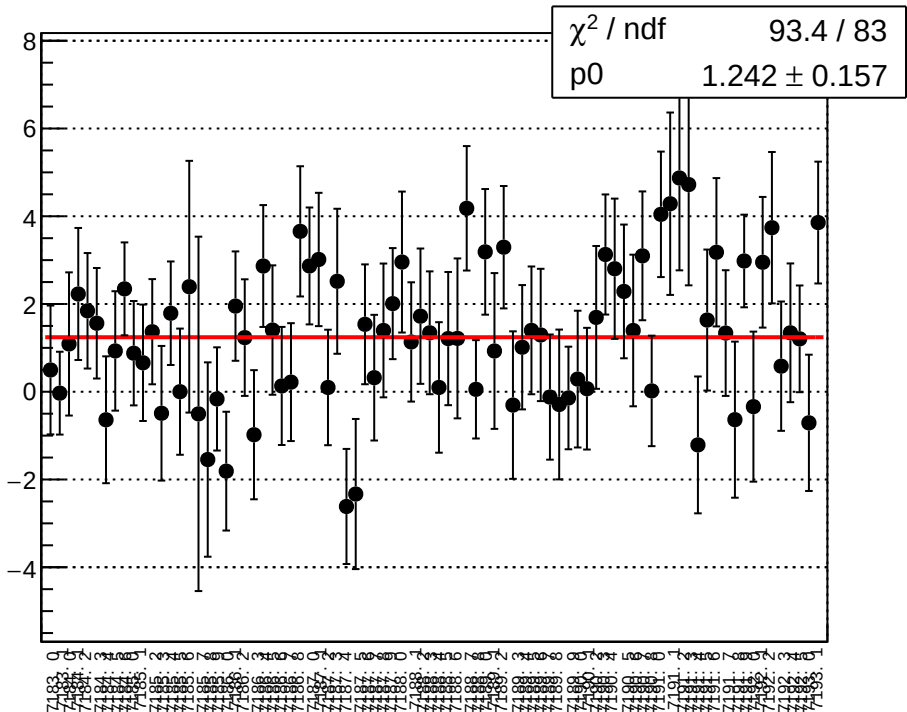
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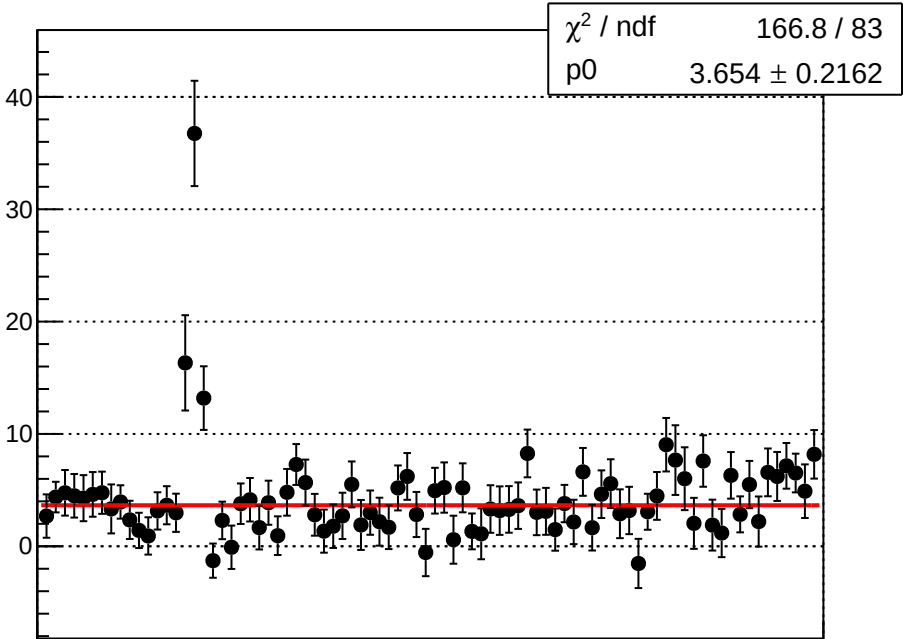
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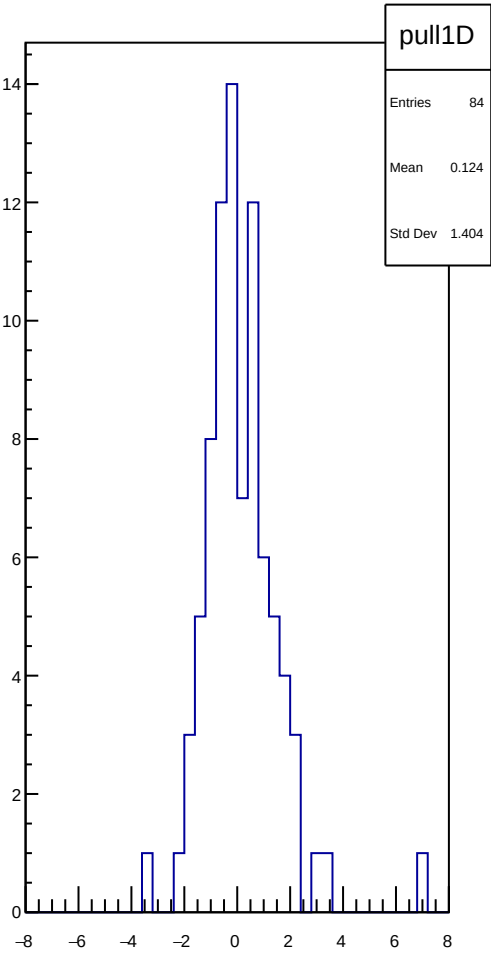
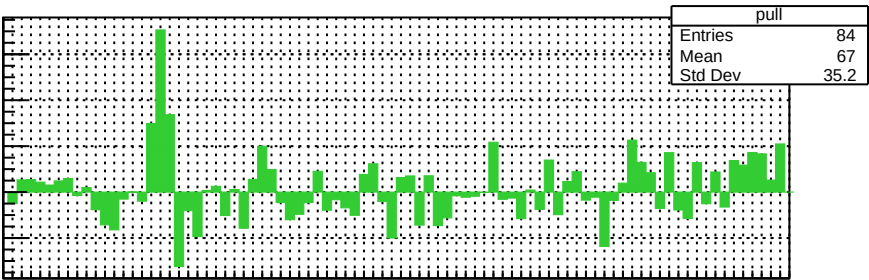
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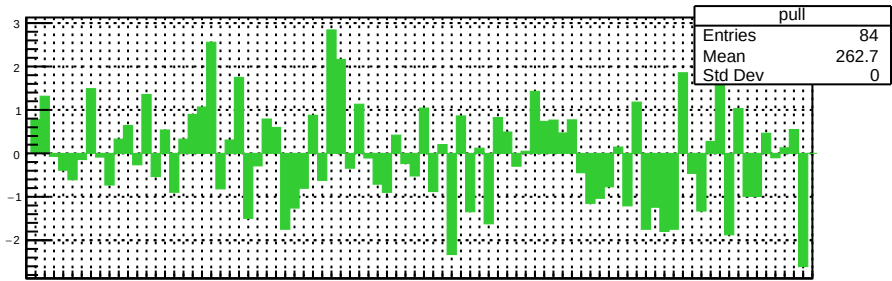
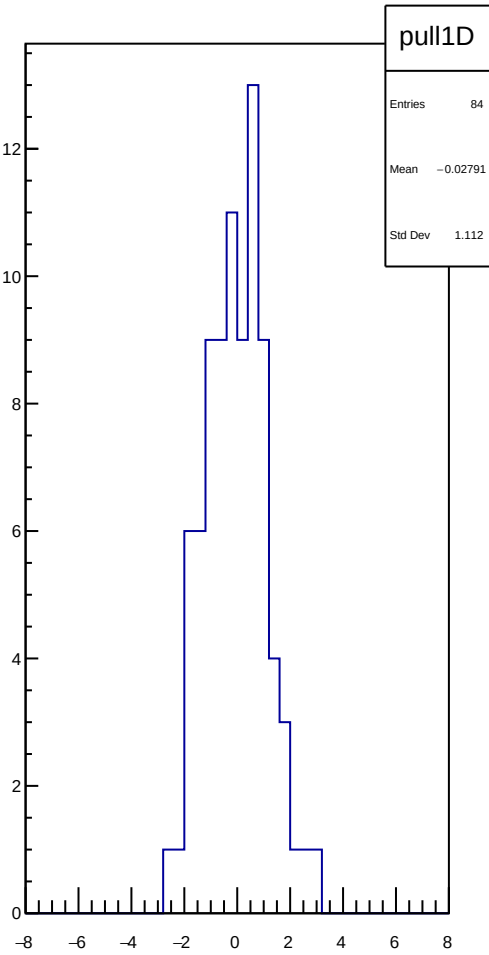
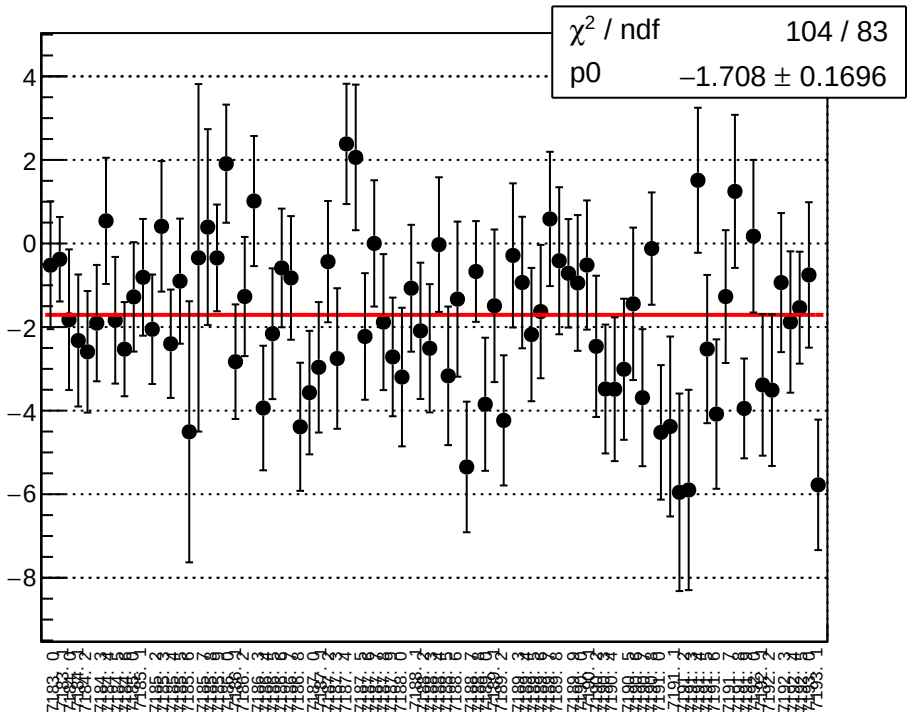
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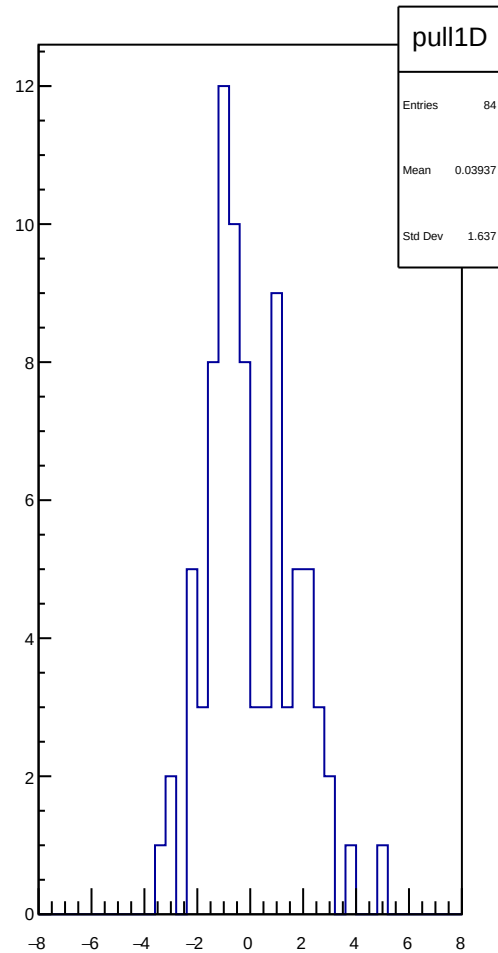
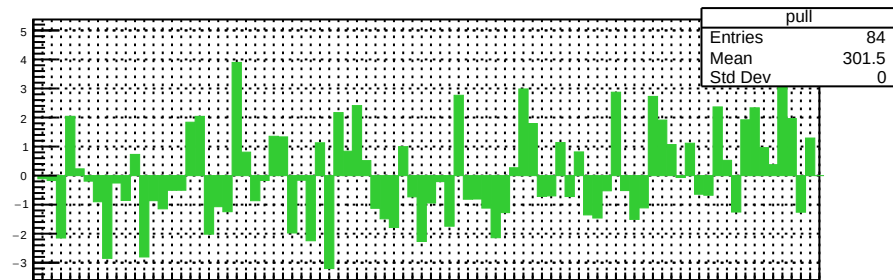
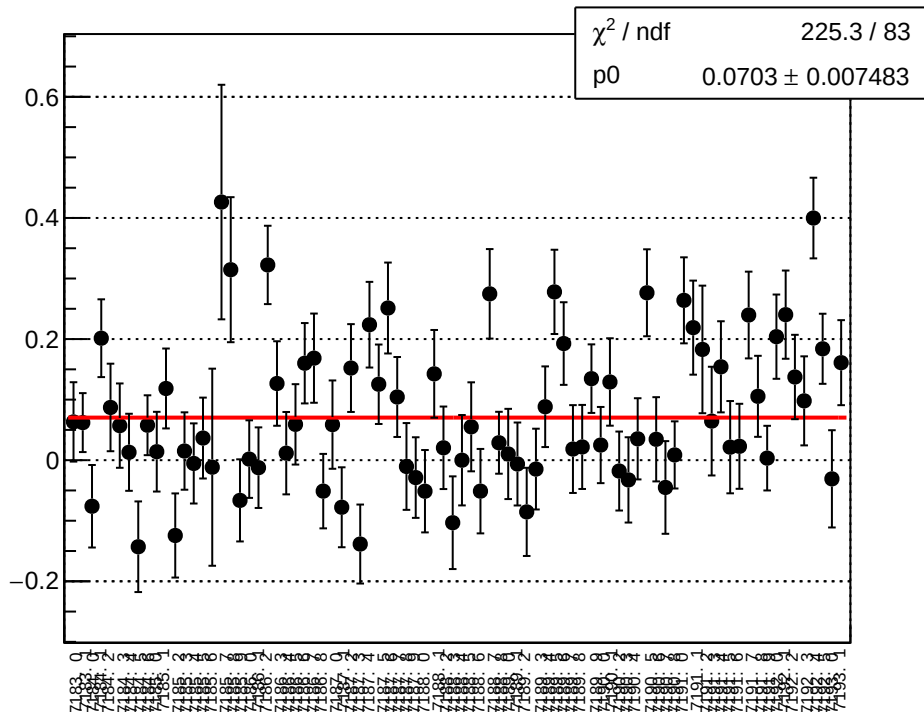
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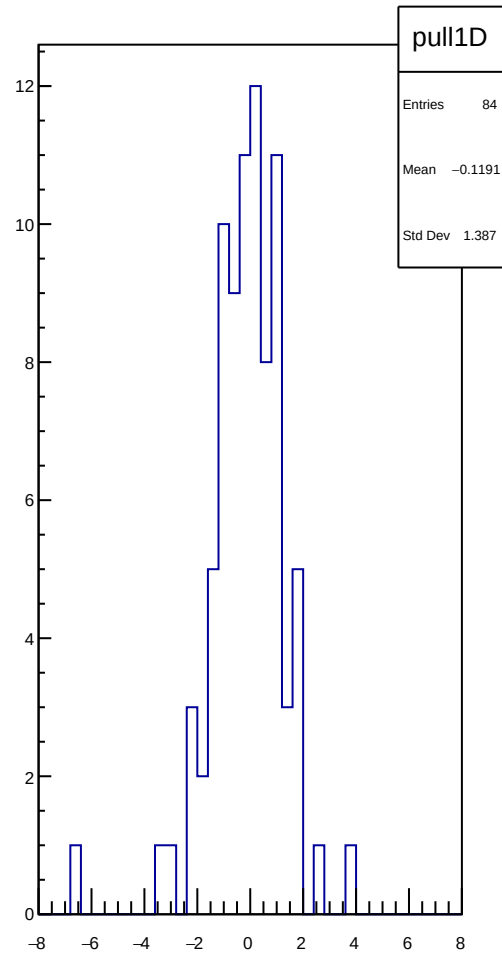
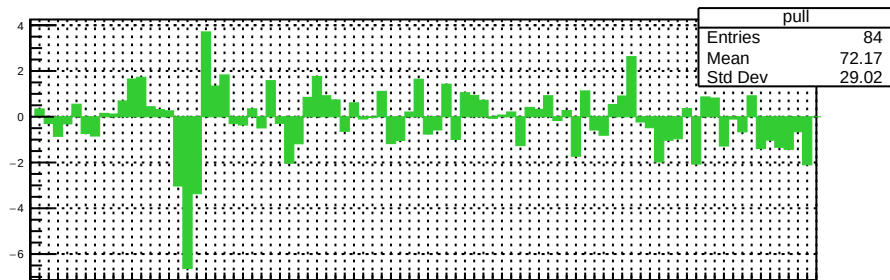
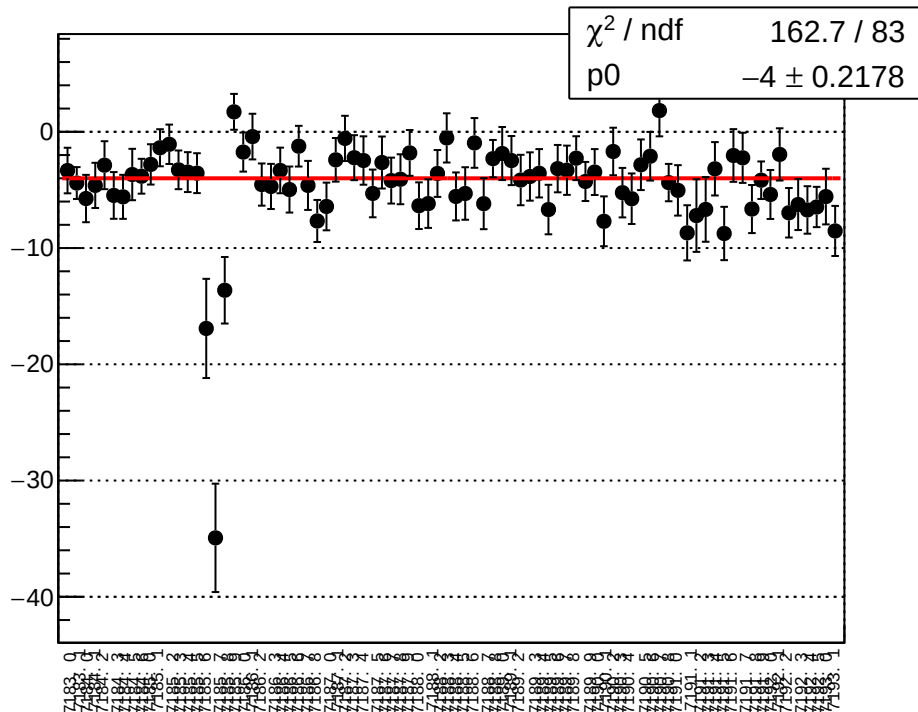
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run



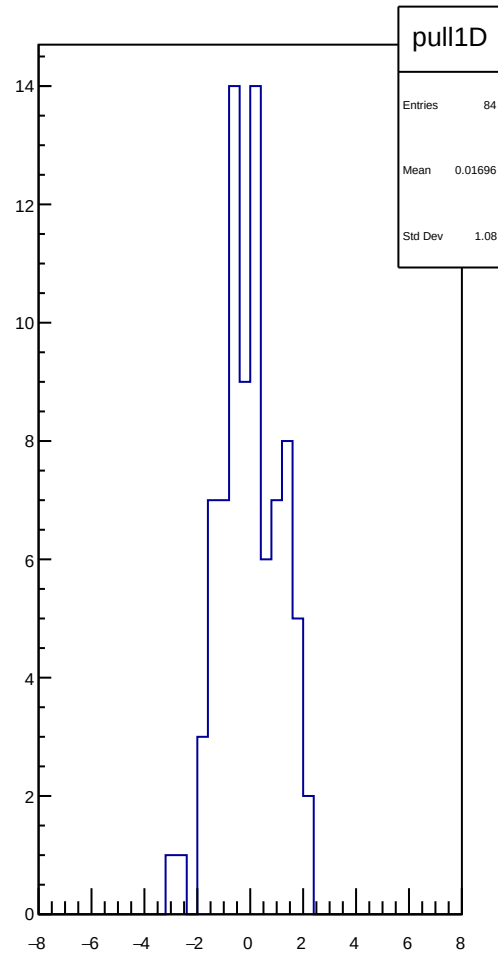
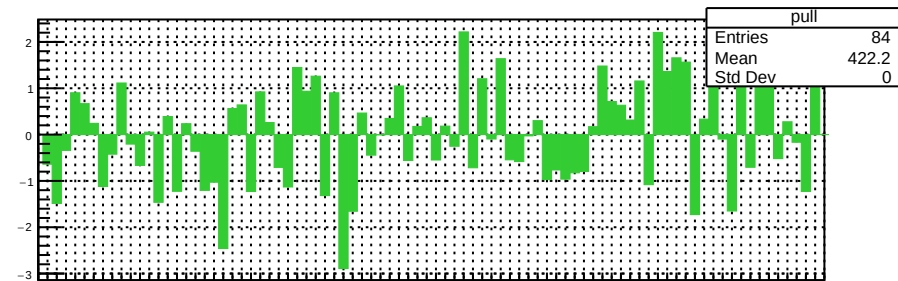
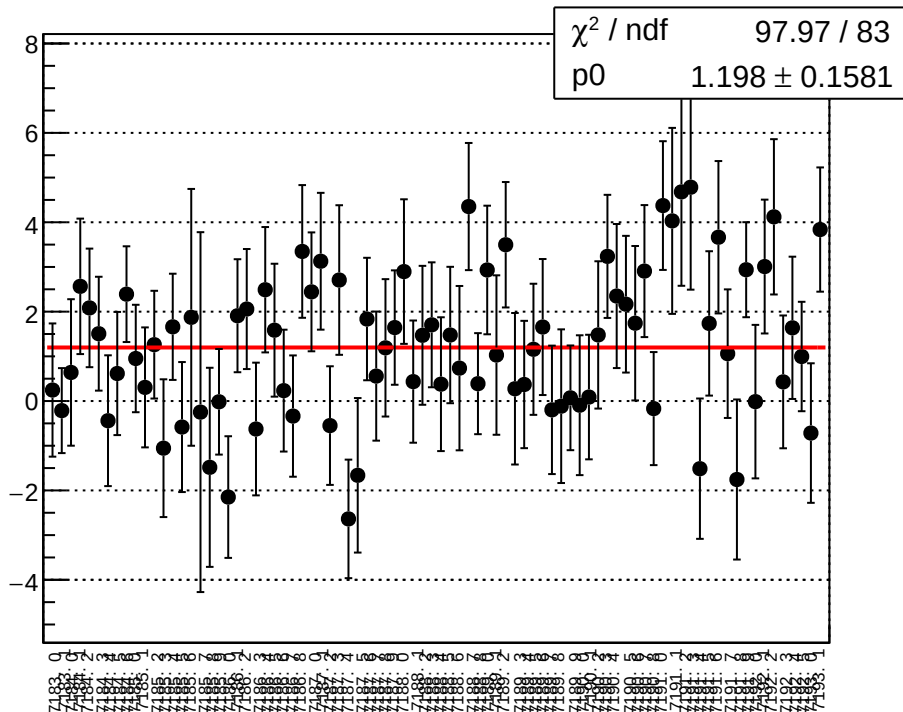
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run



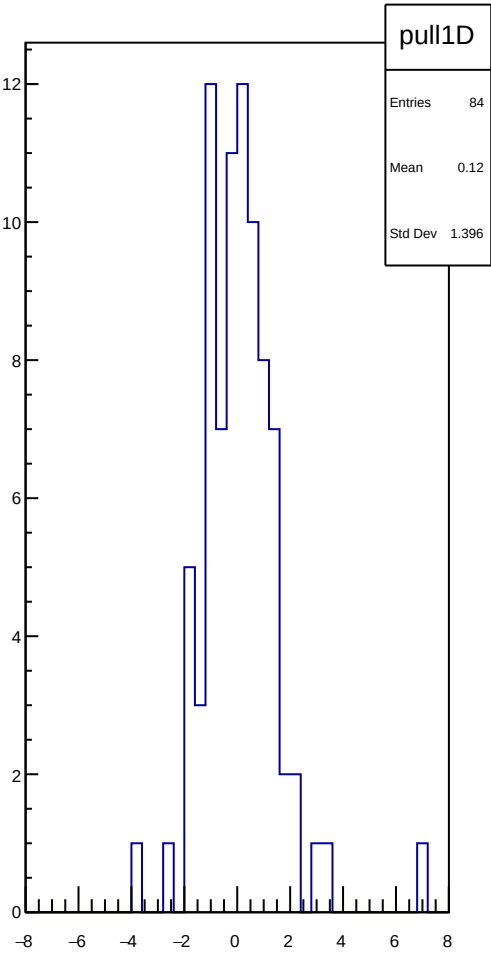
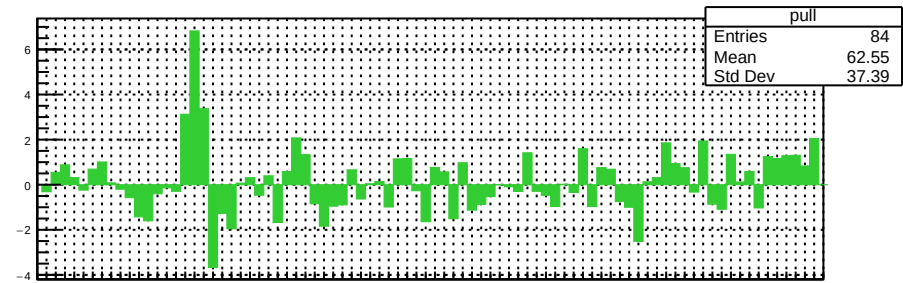
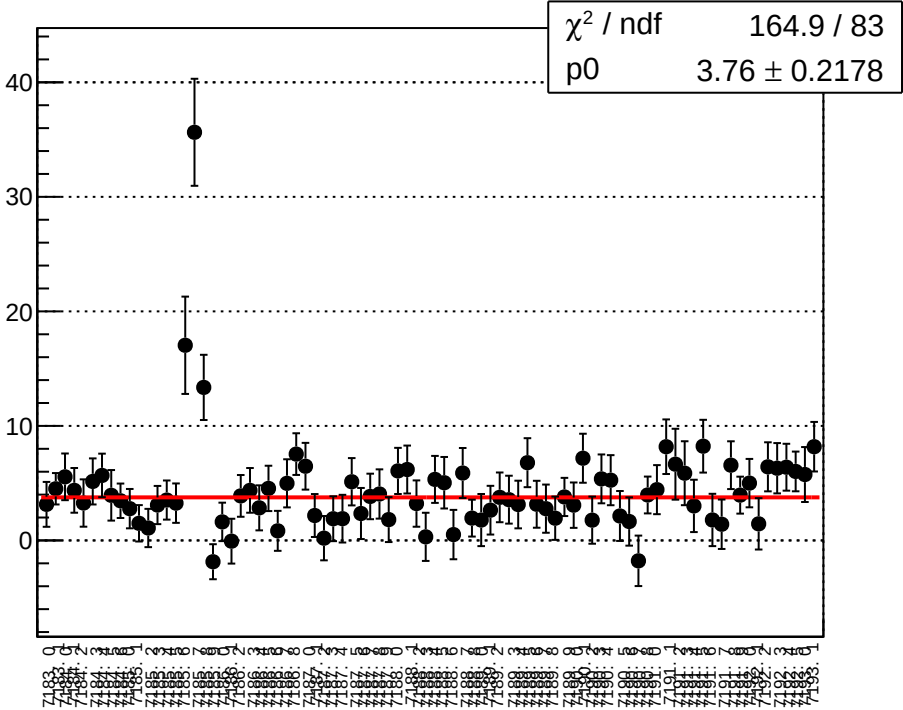
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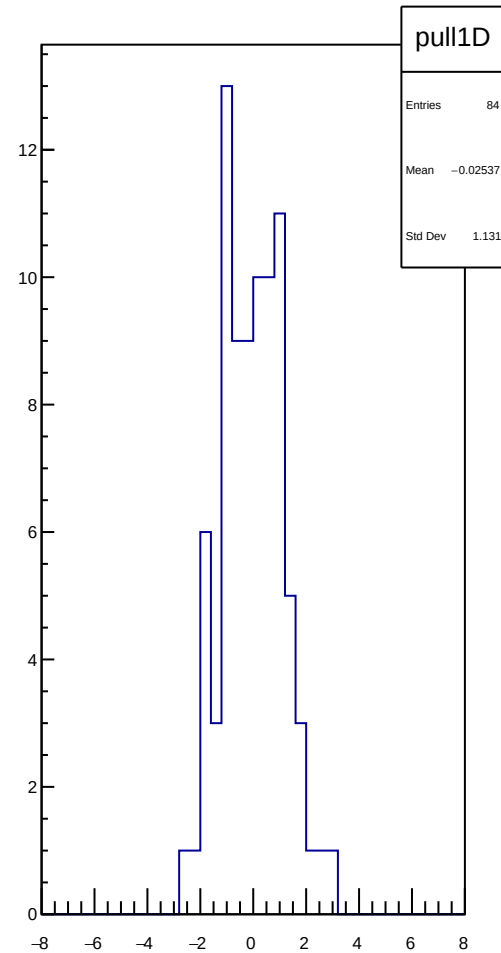
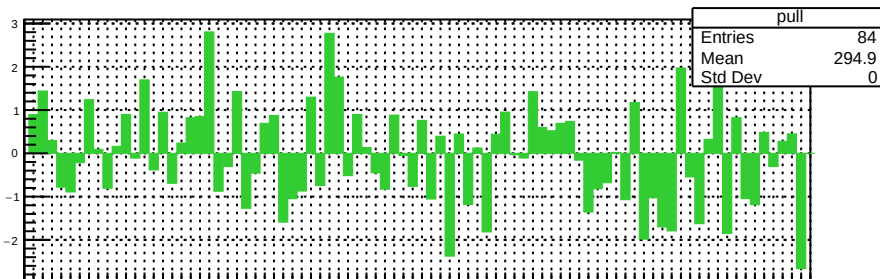
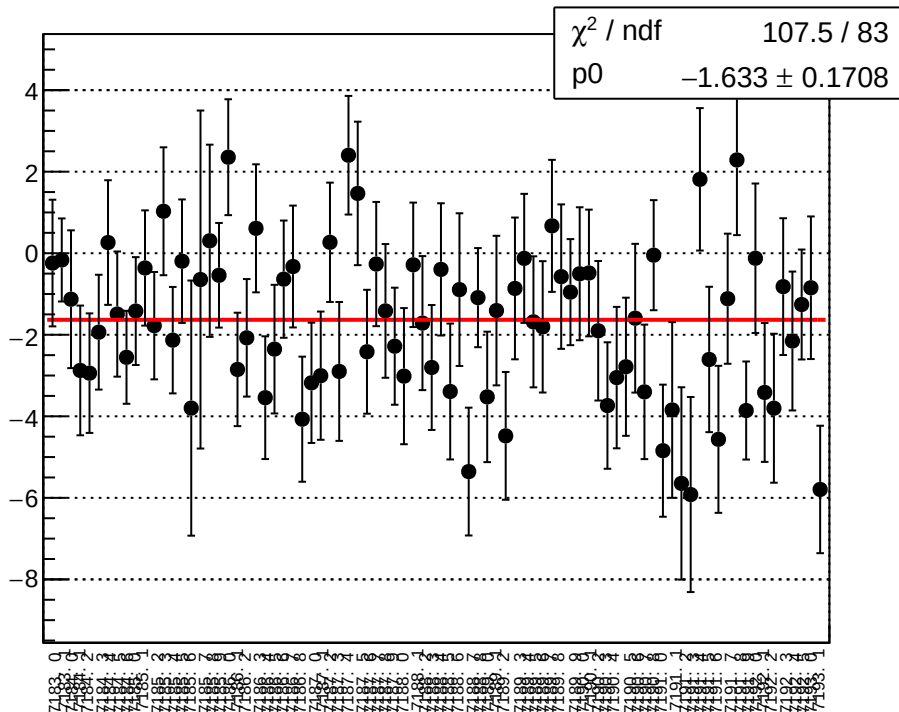
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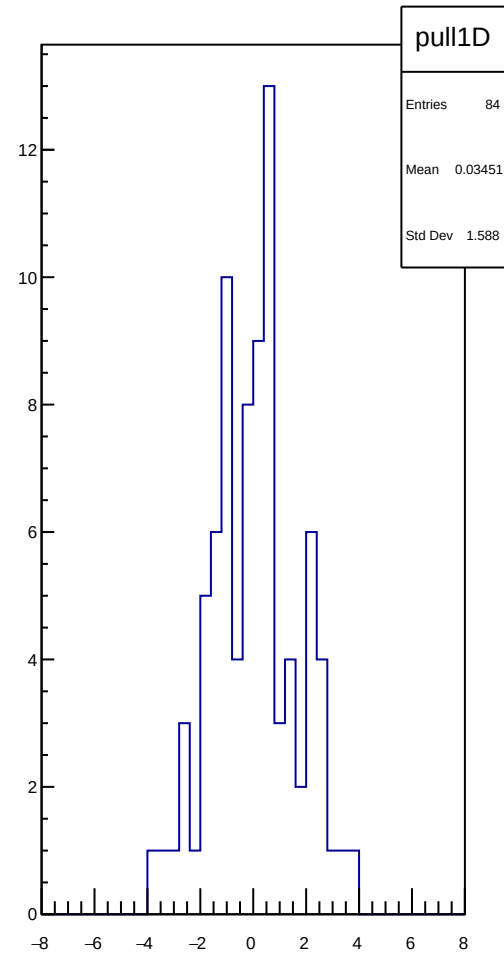
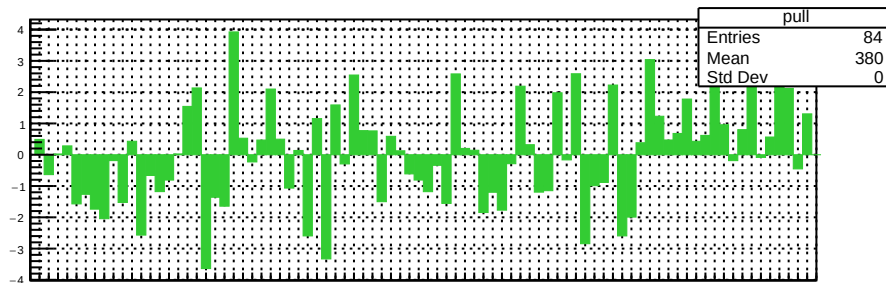
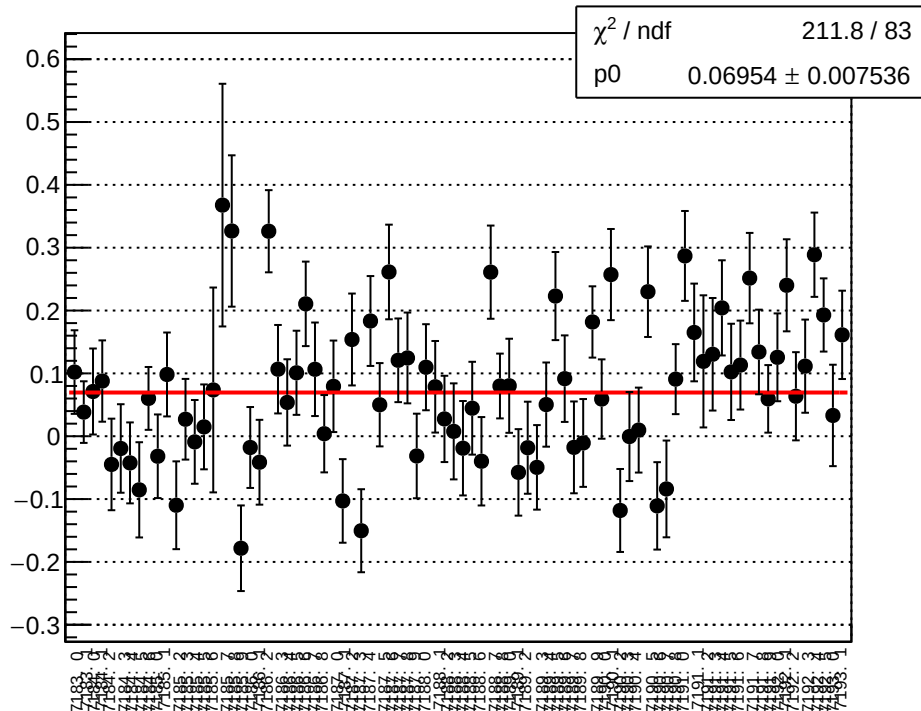
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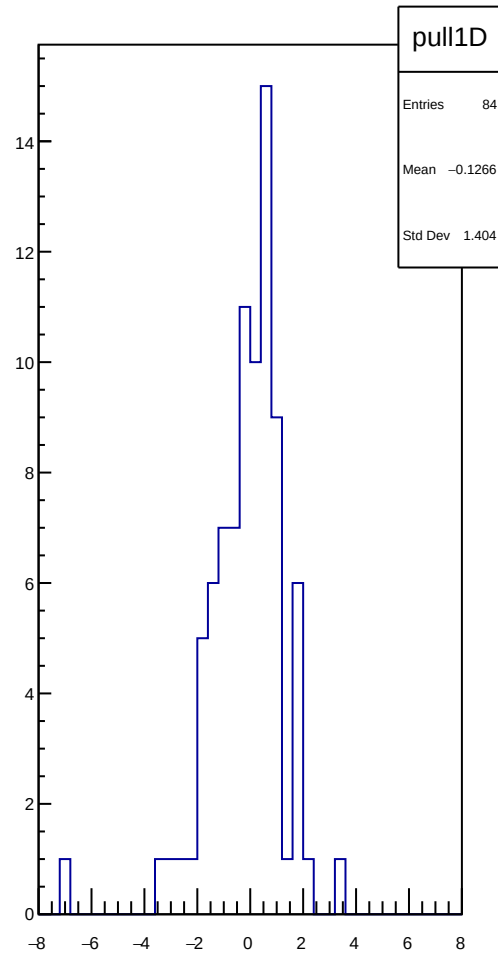
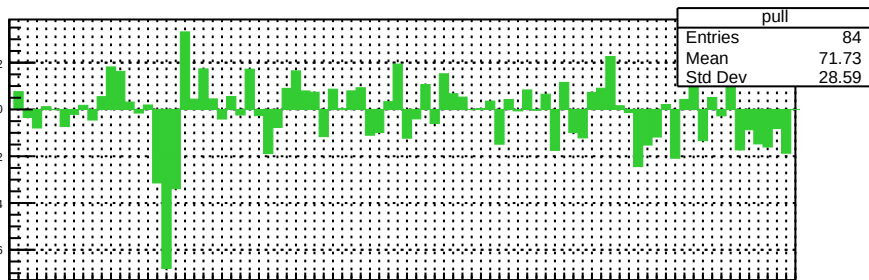
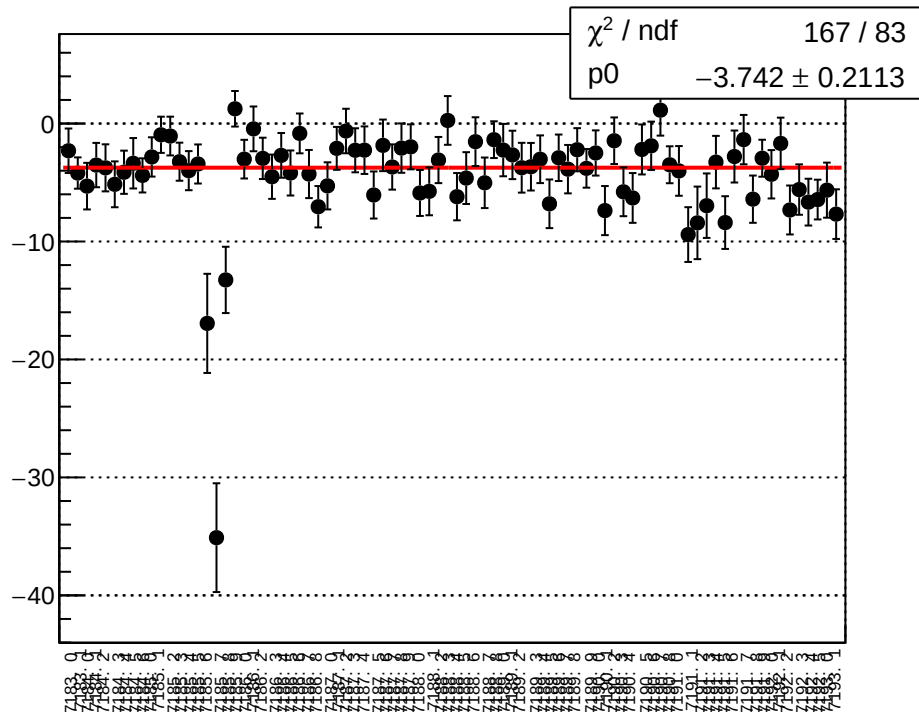
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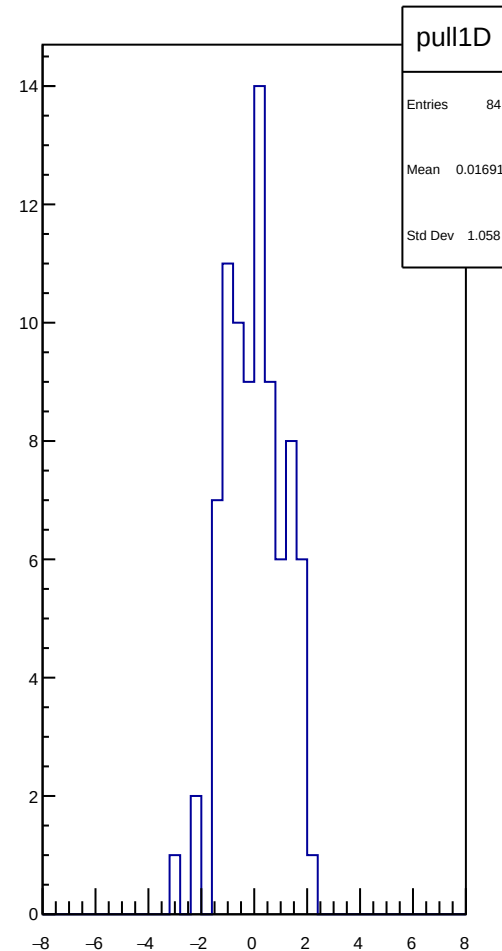
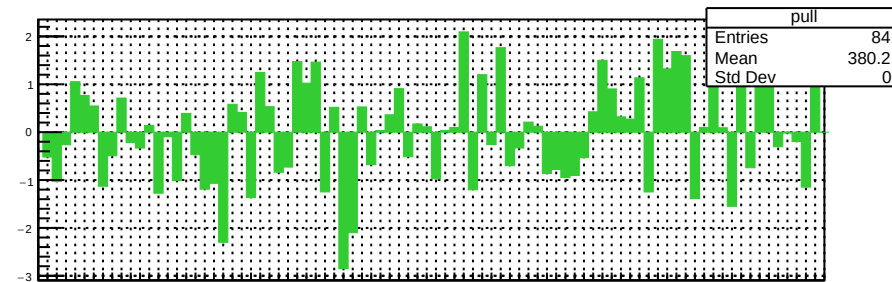
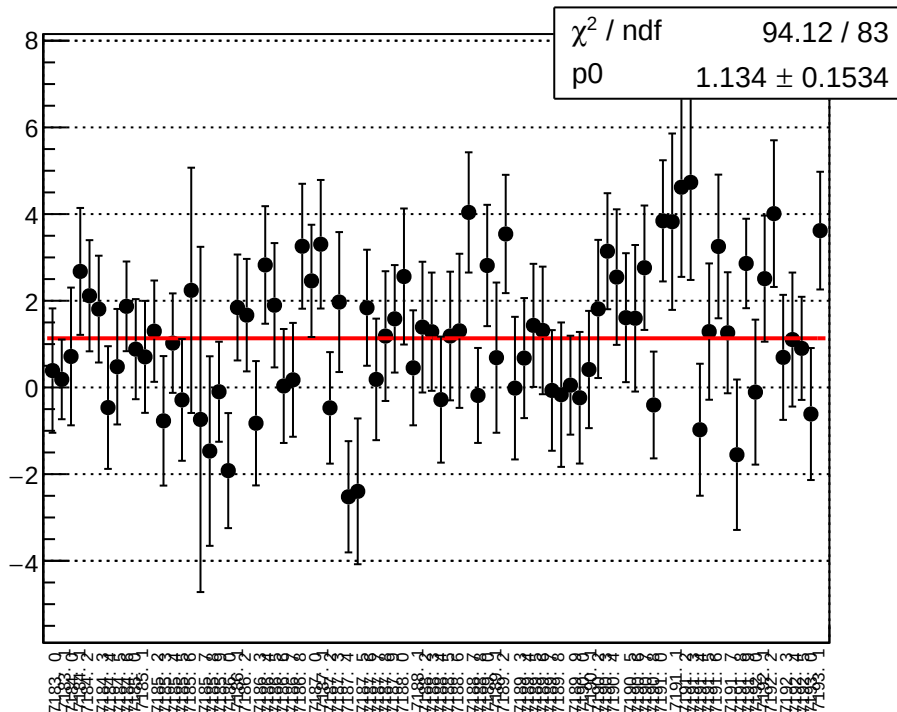
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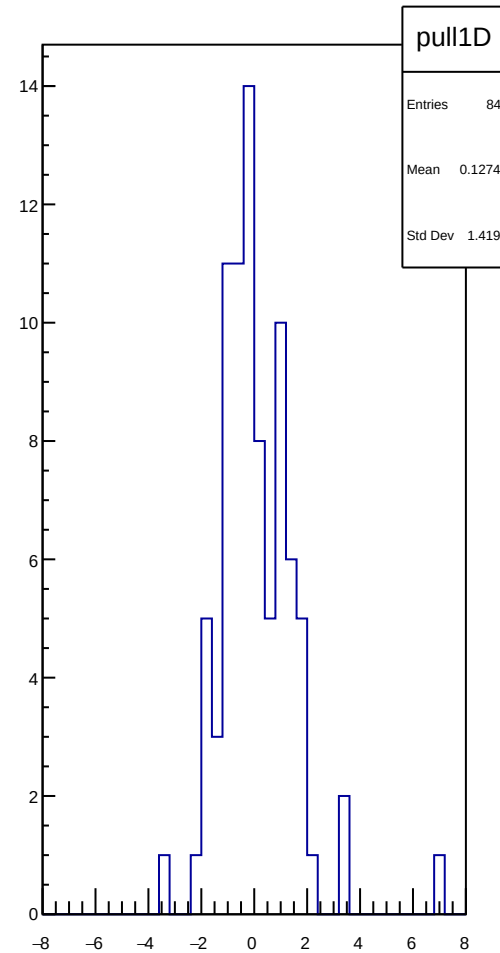
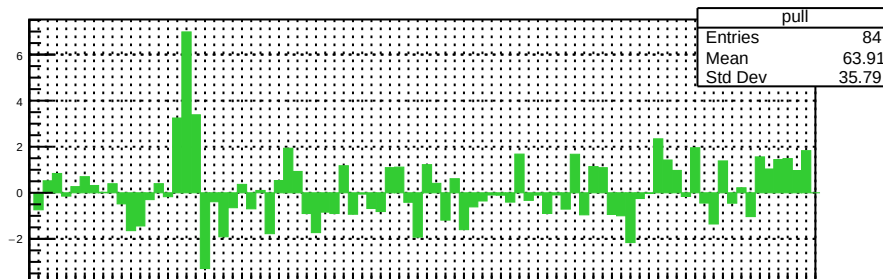
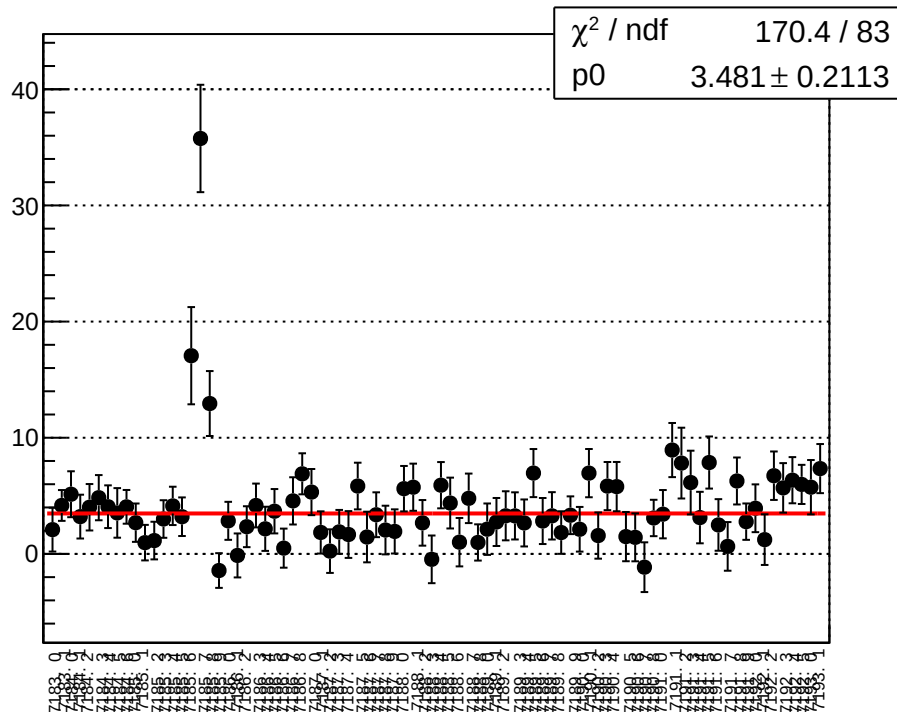
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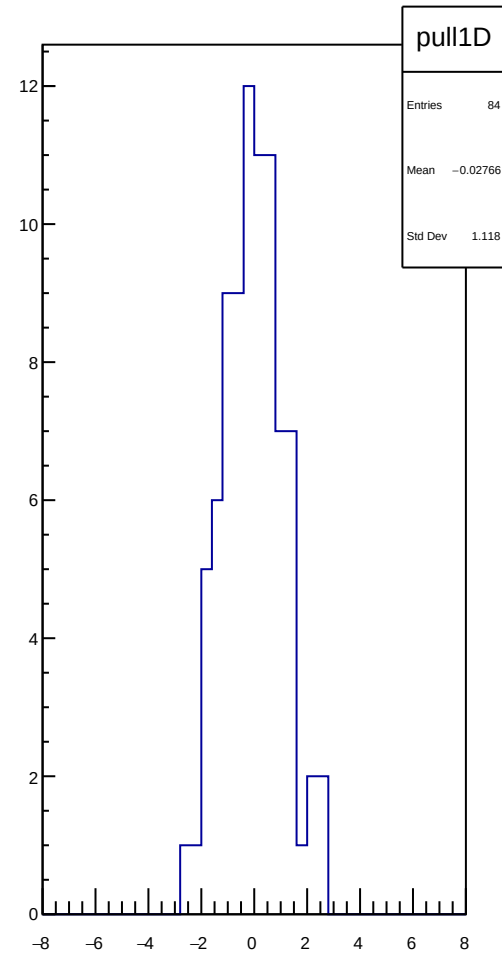
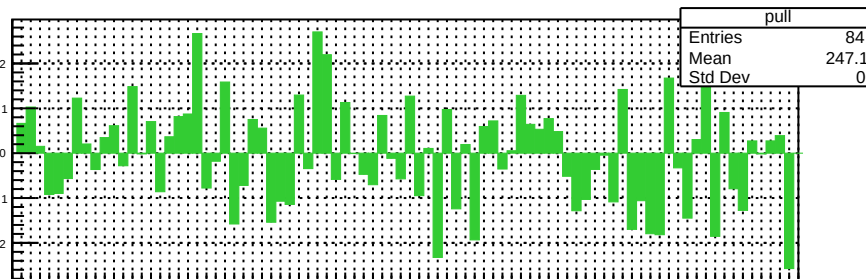
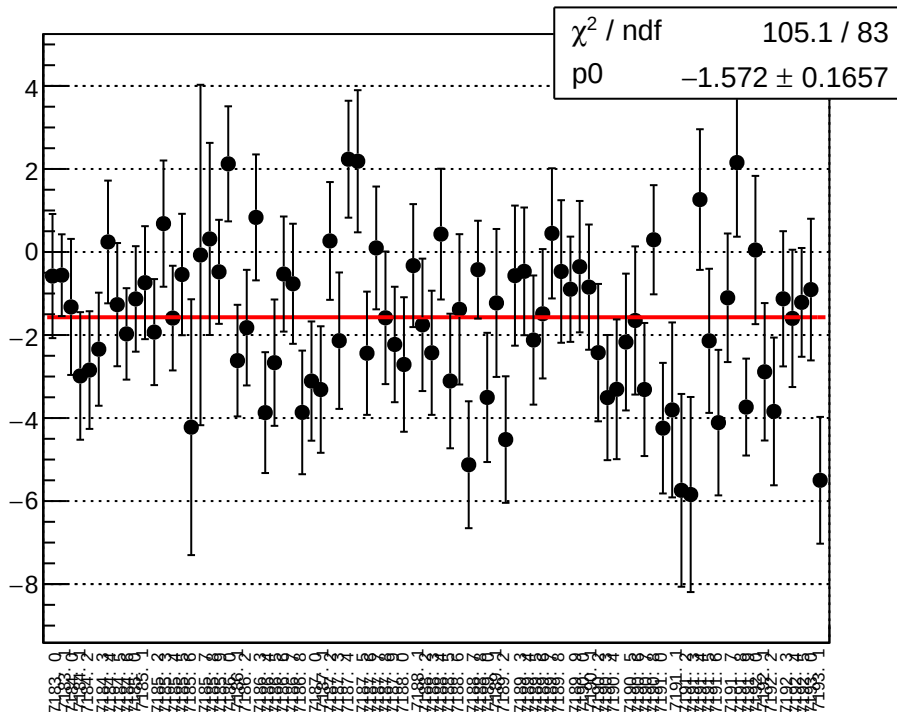
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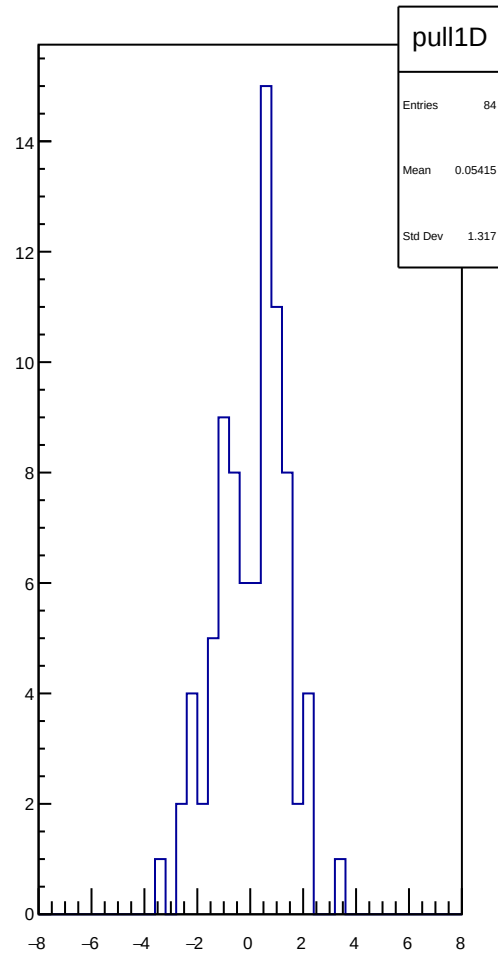
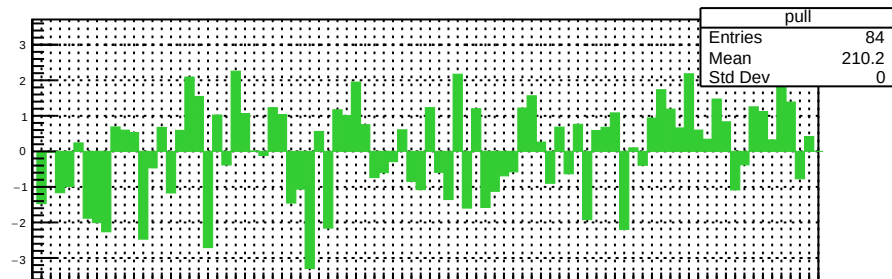
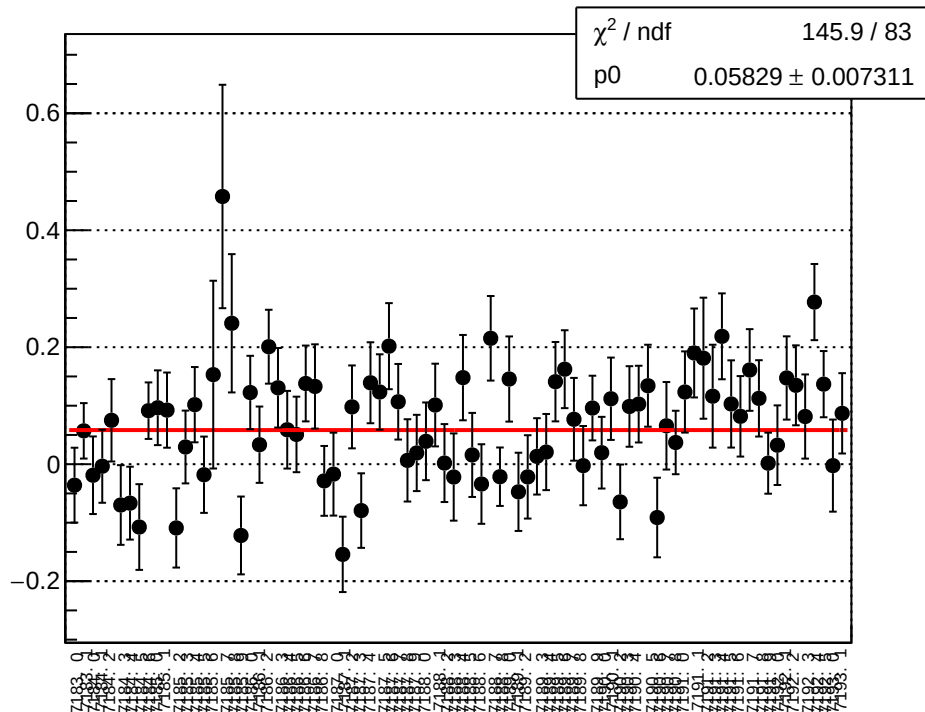
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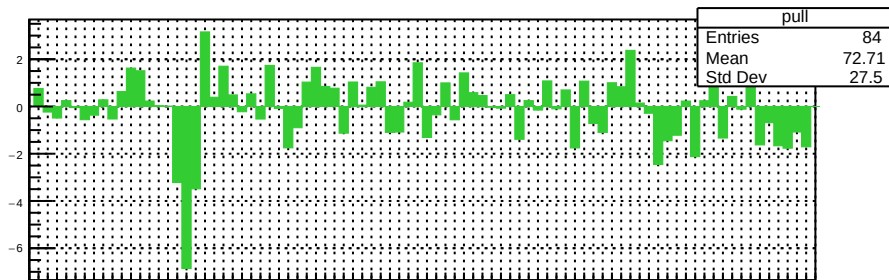
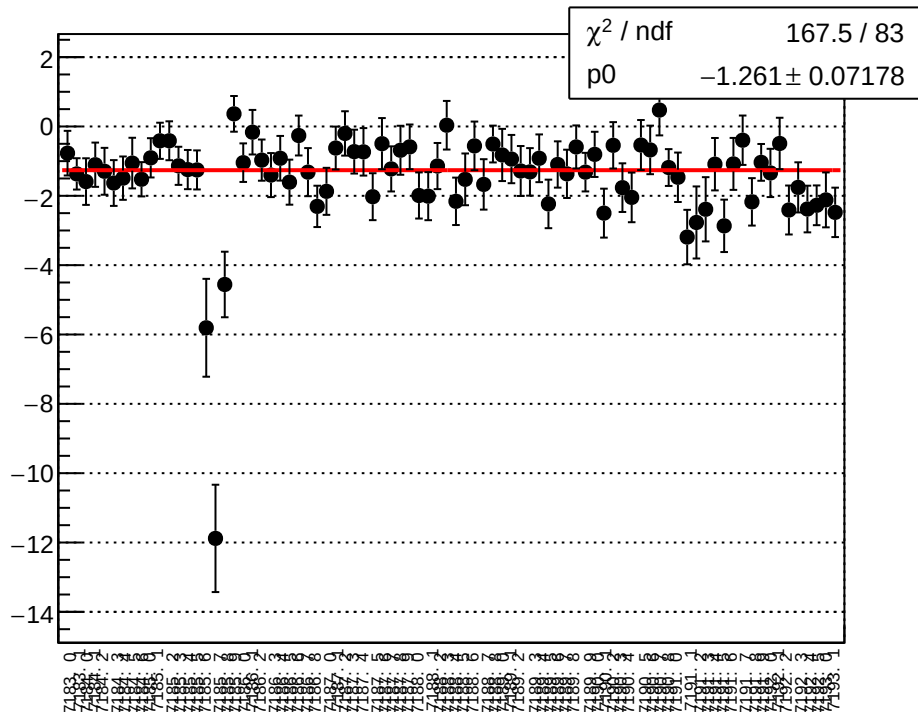
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs run



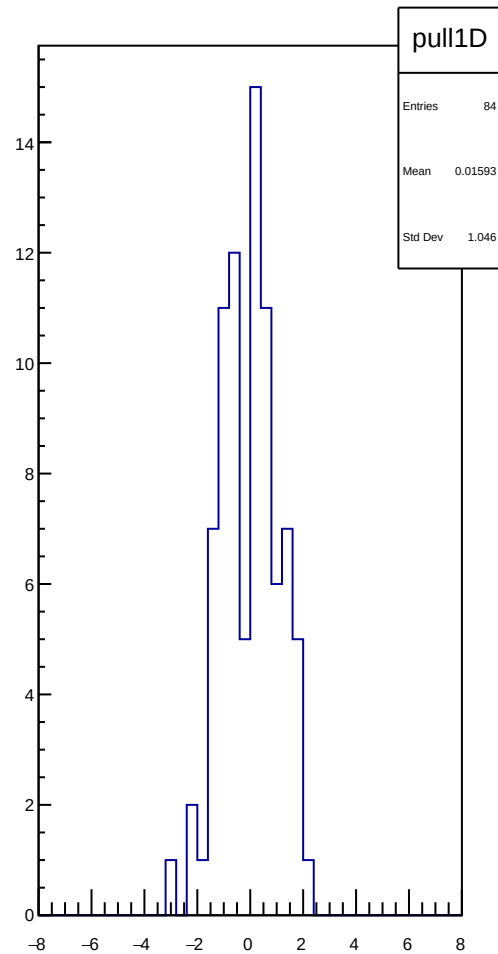
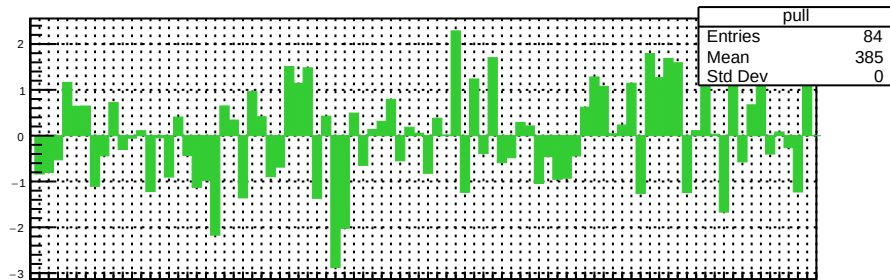
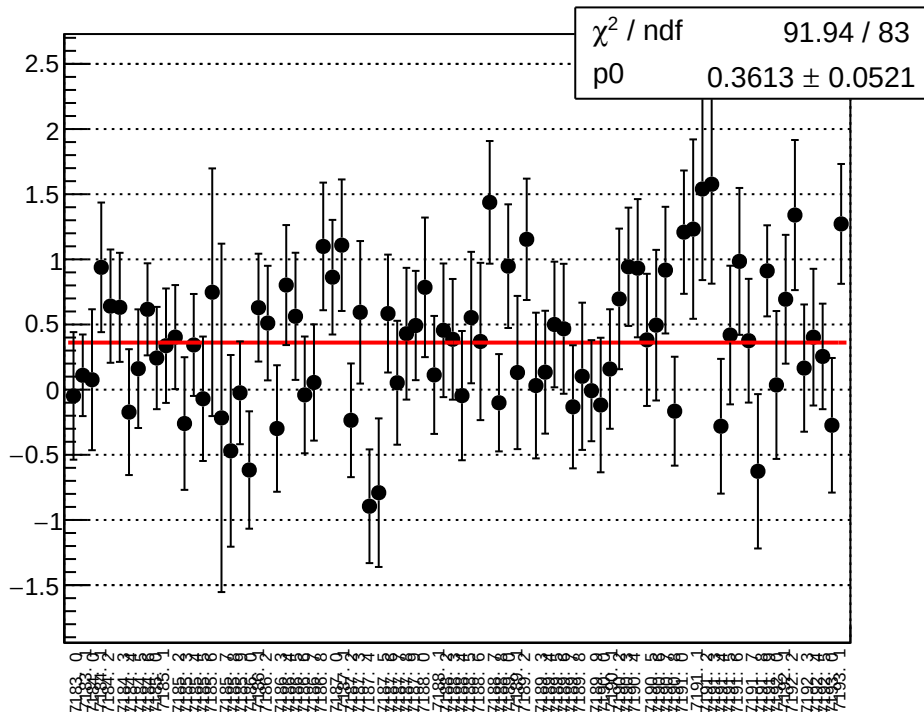
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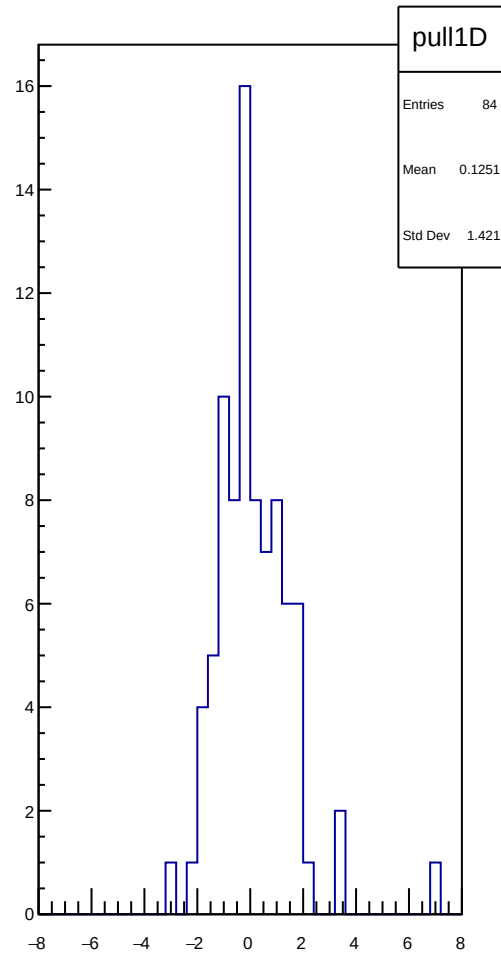
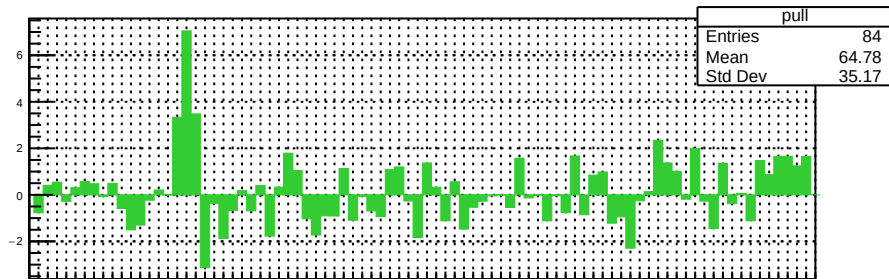
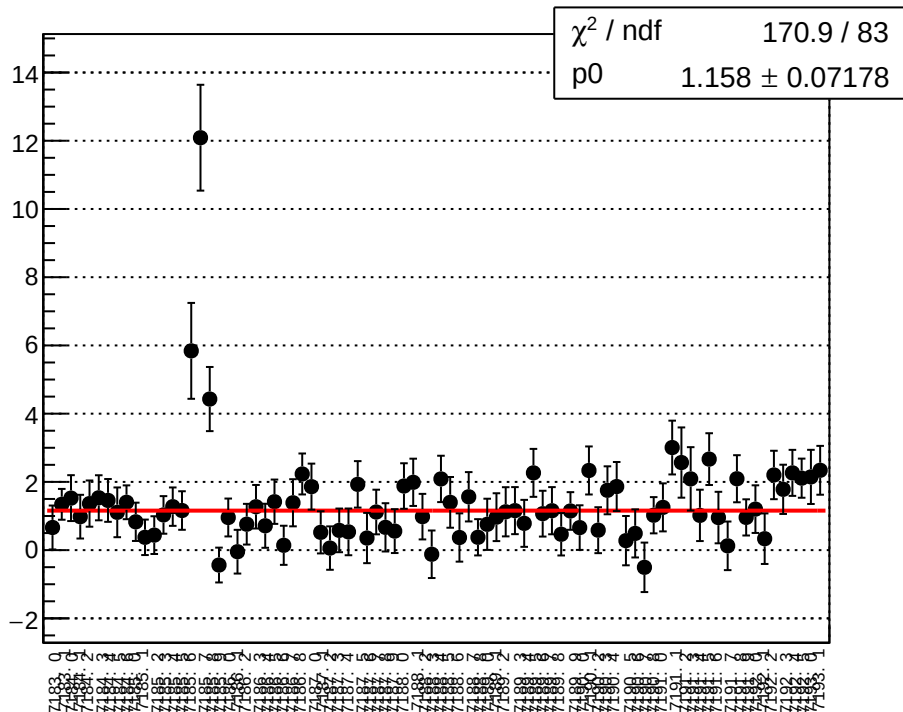
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs run



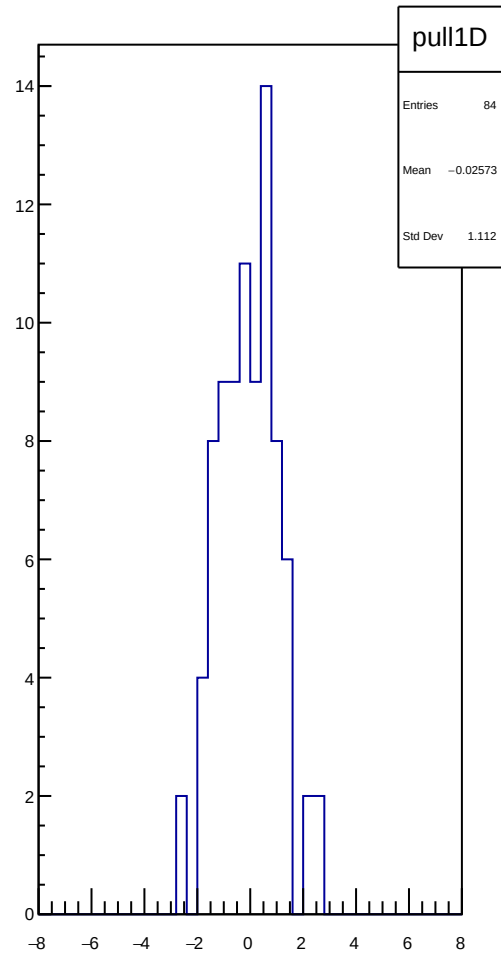
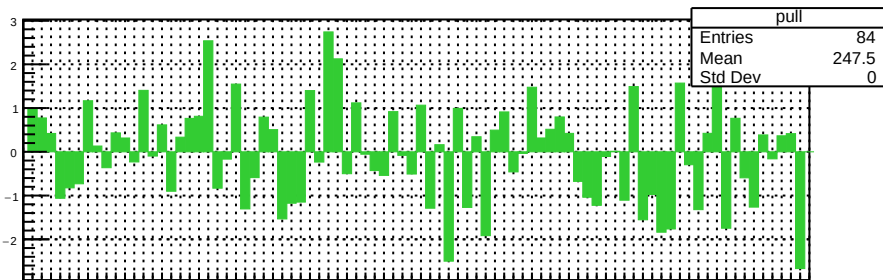
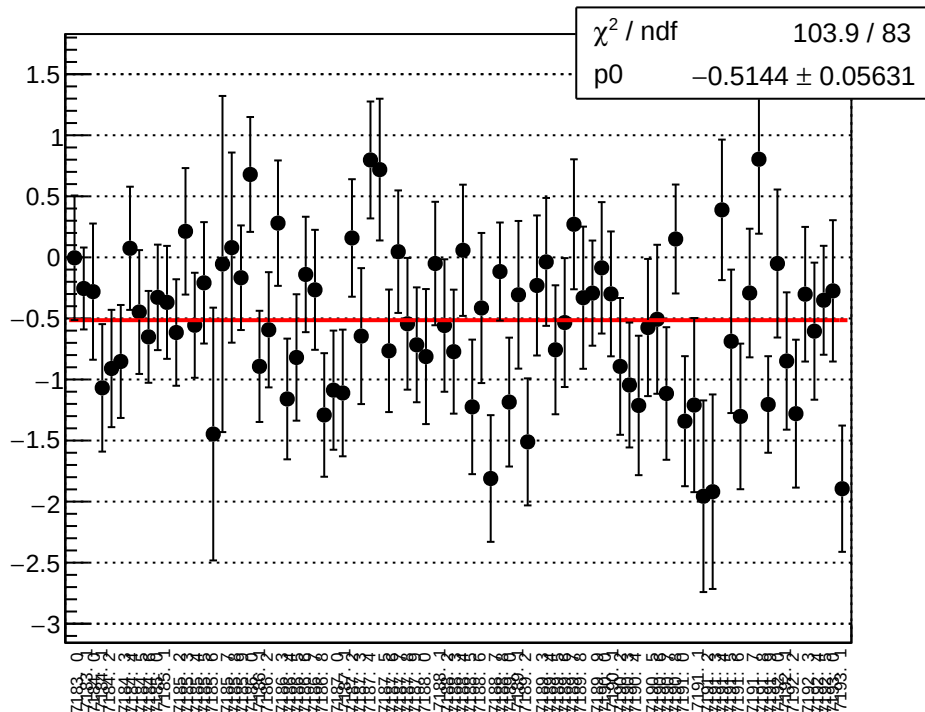
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs run



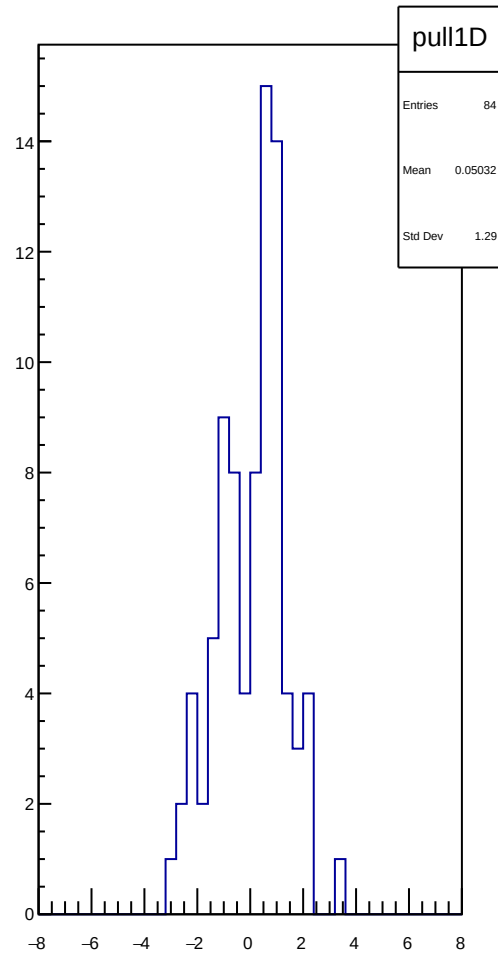
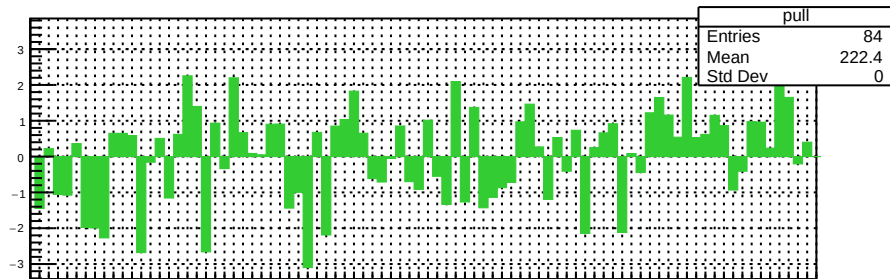
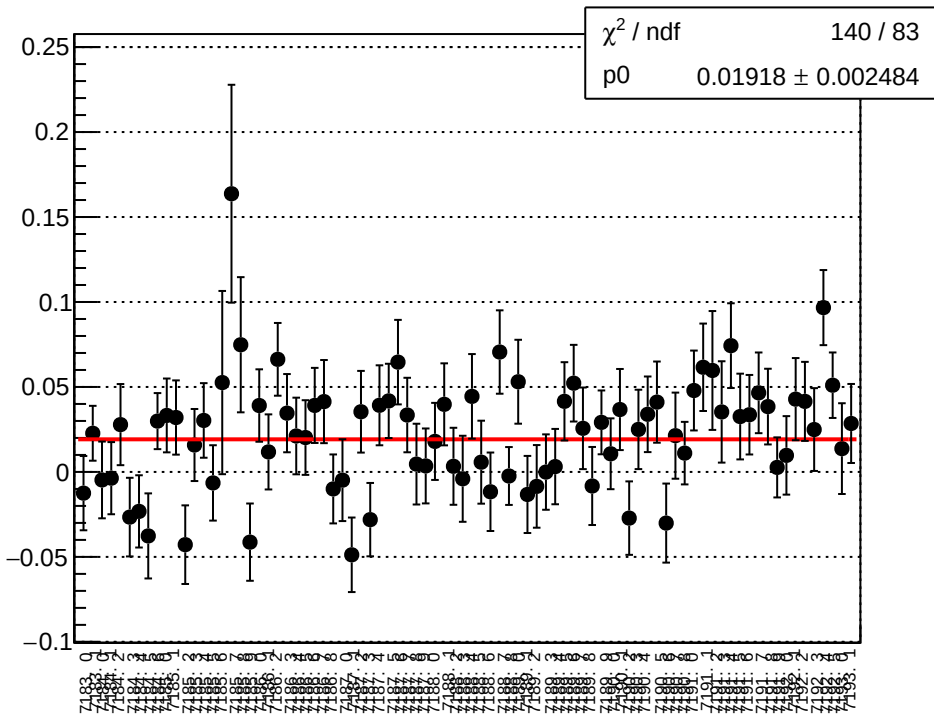
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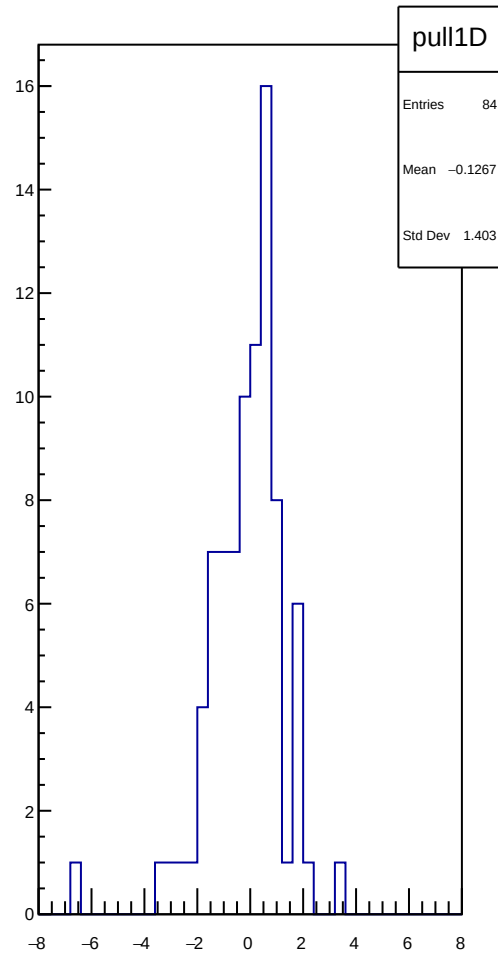
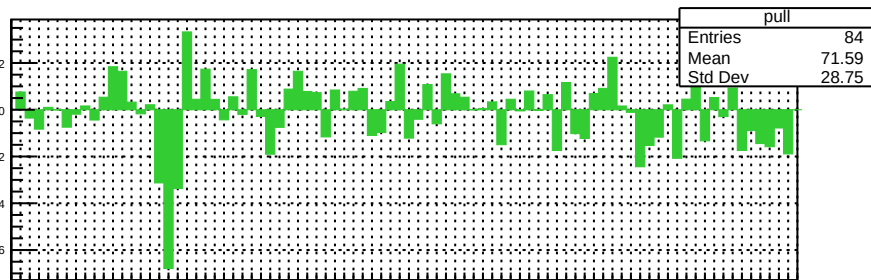
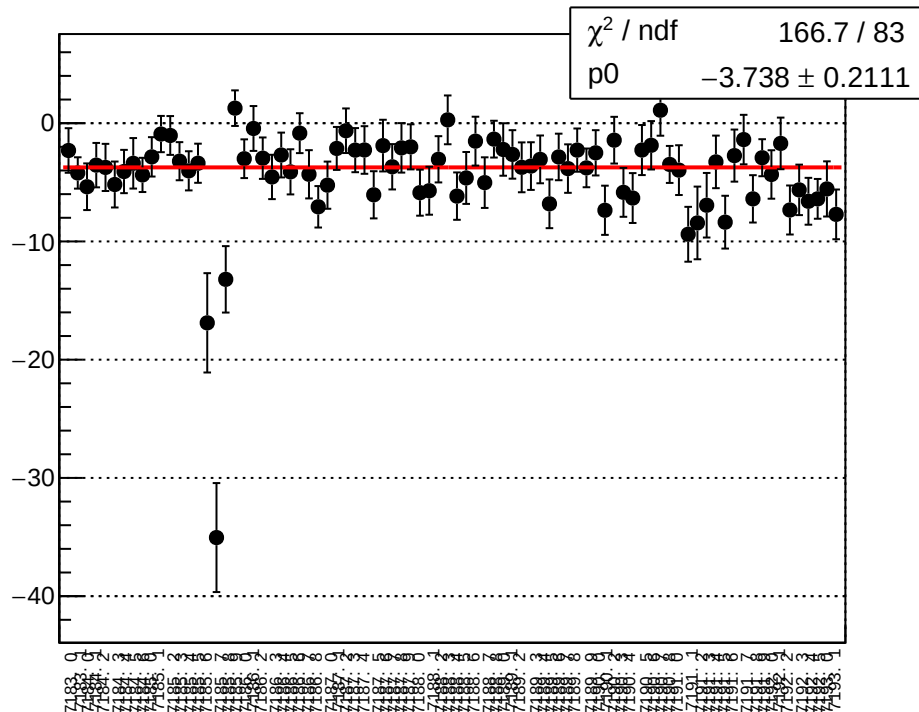
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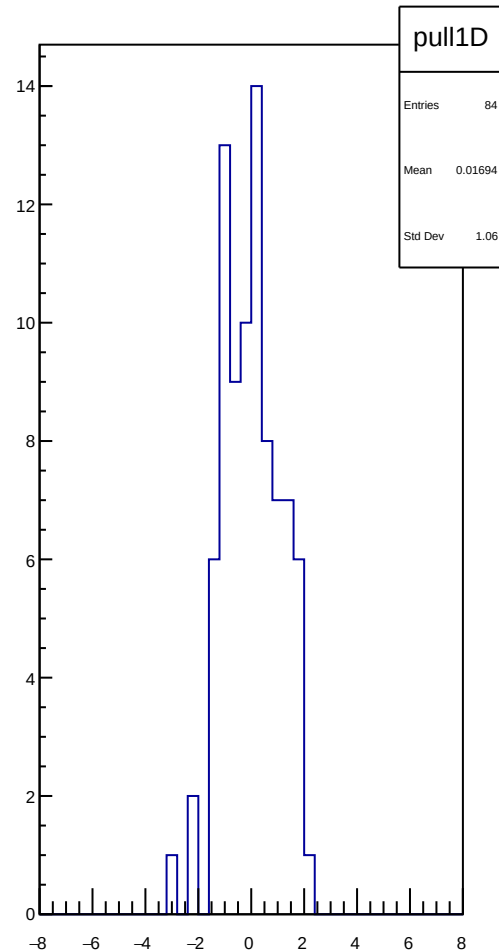
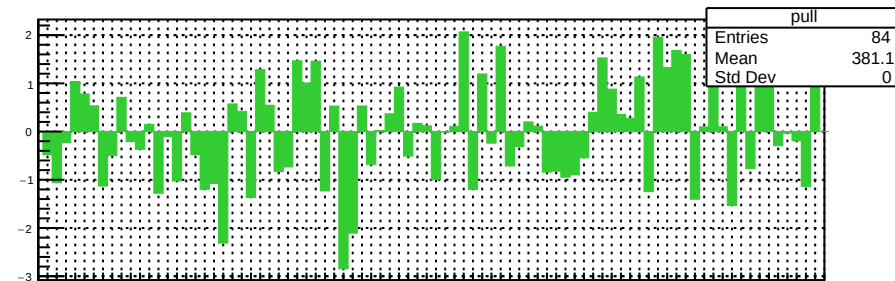
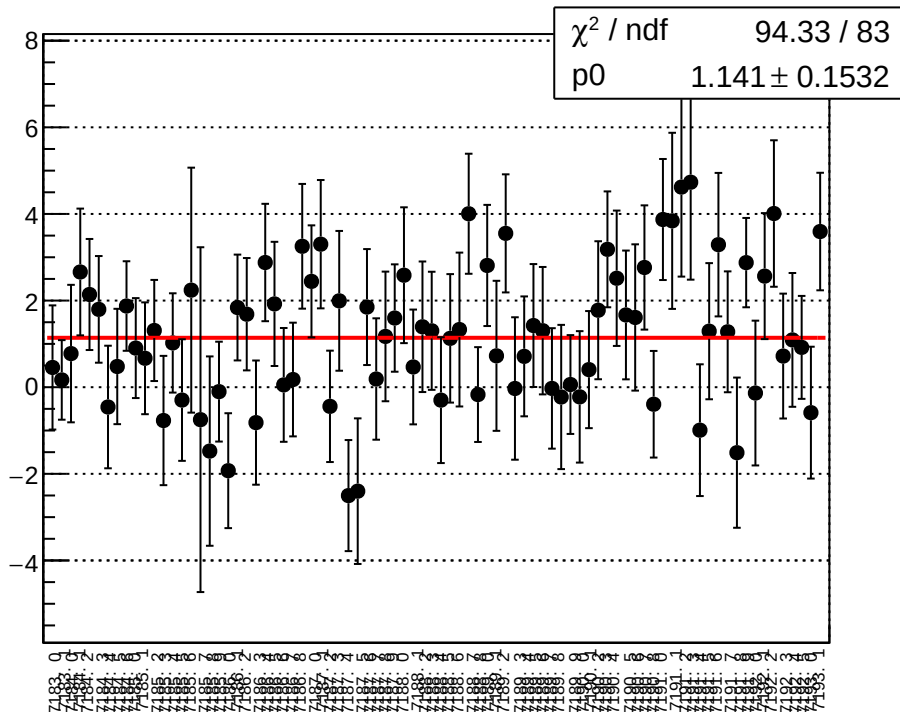
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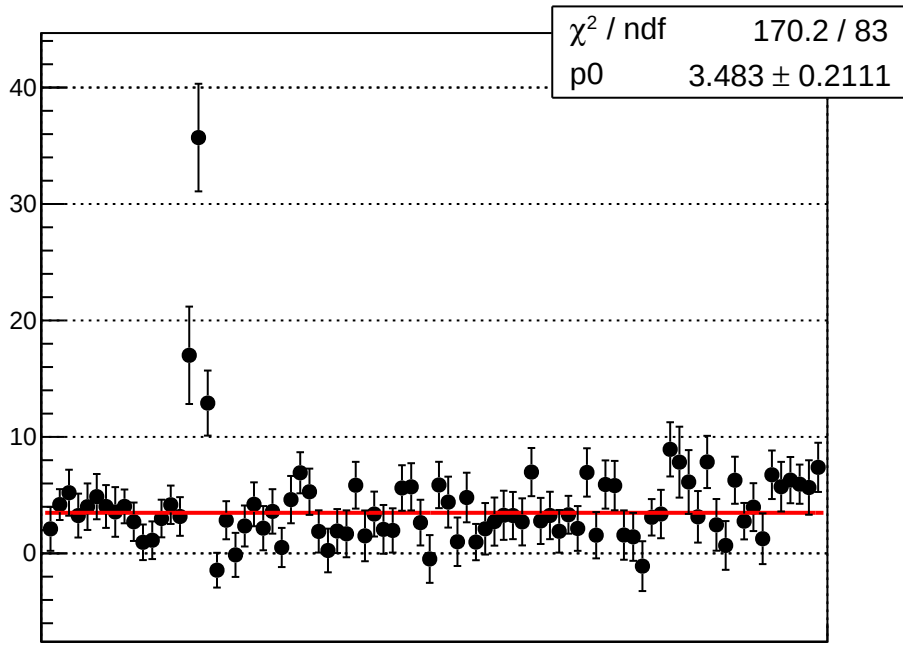
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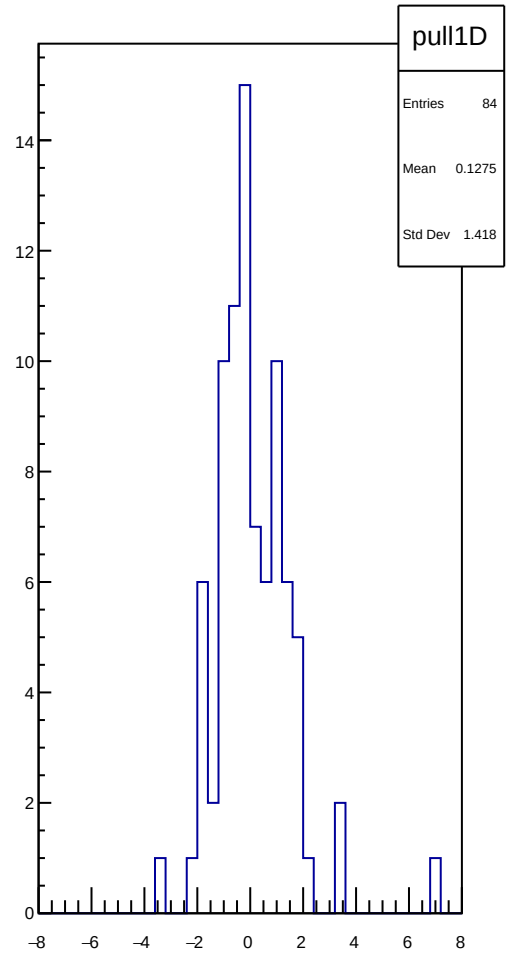
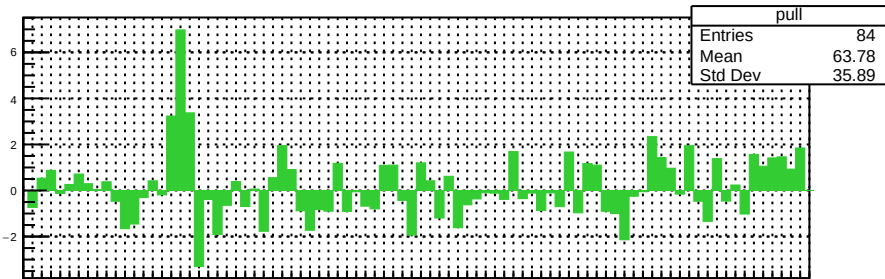
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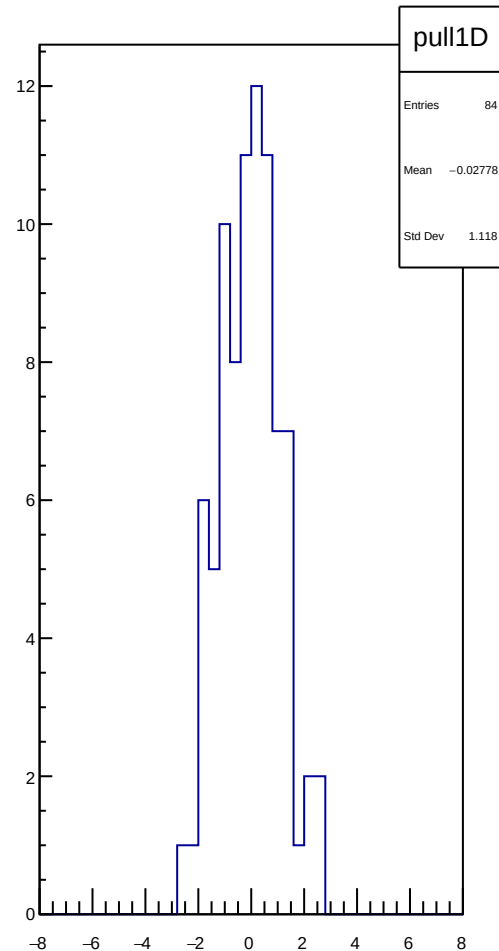
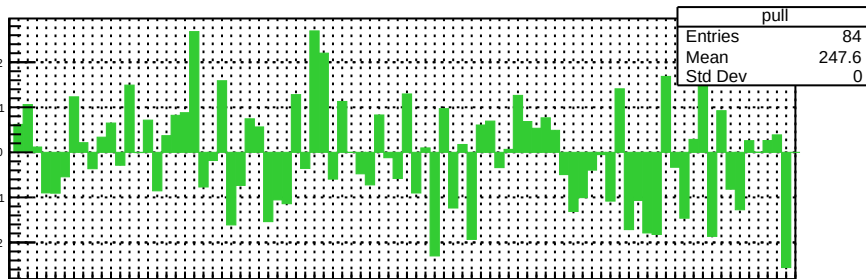
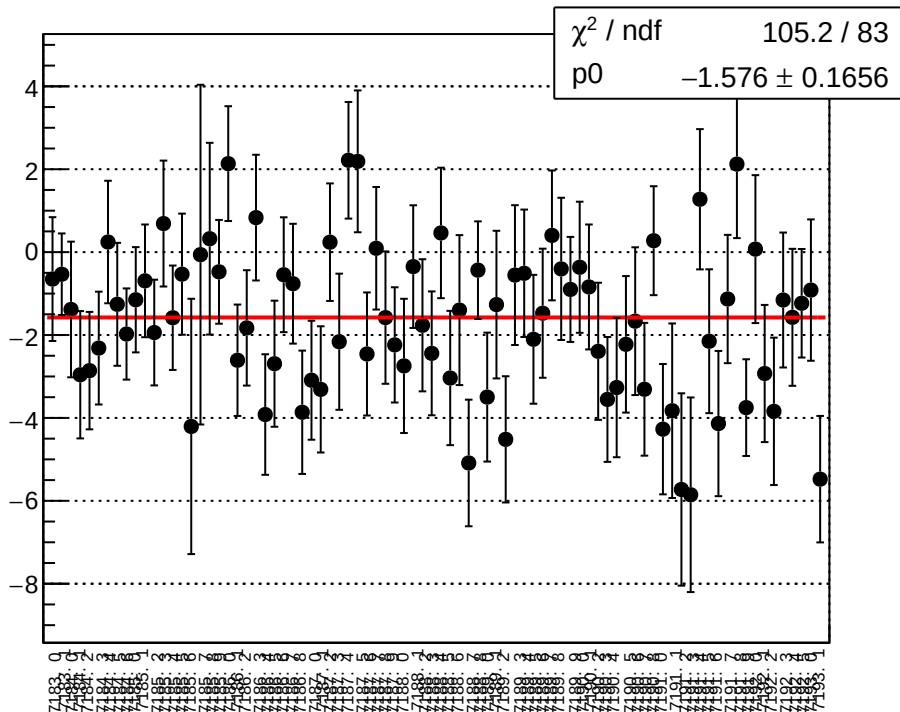
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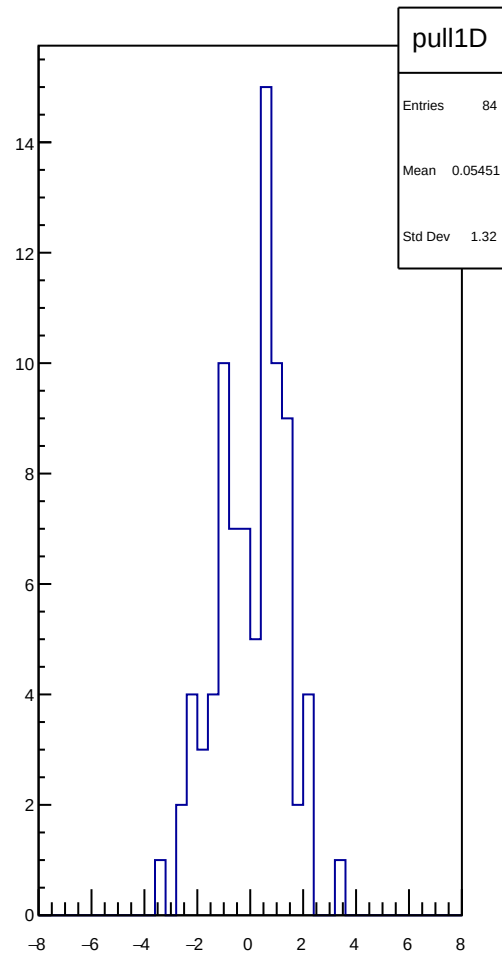
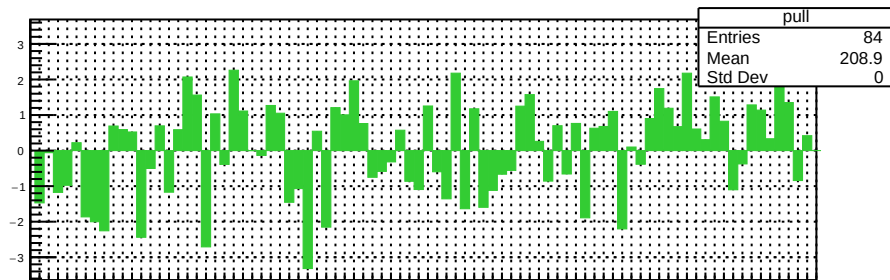
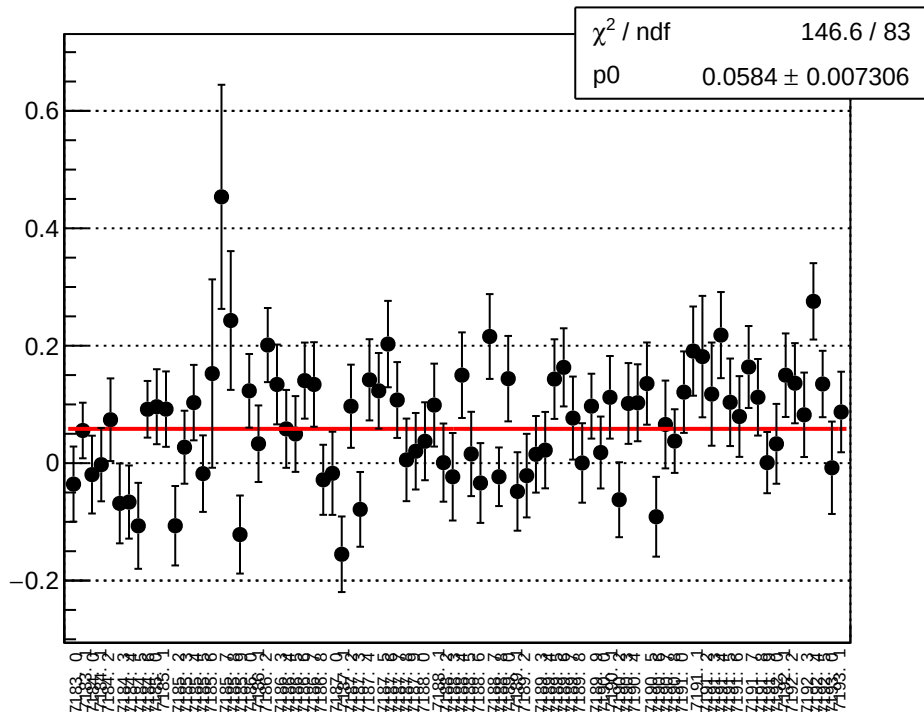
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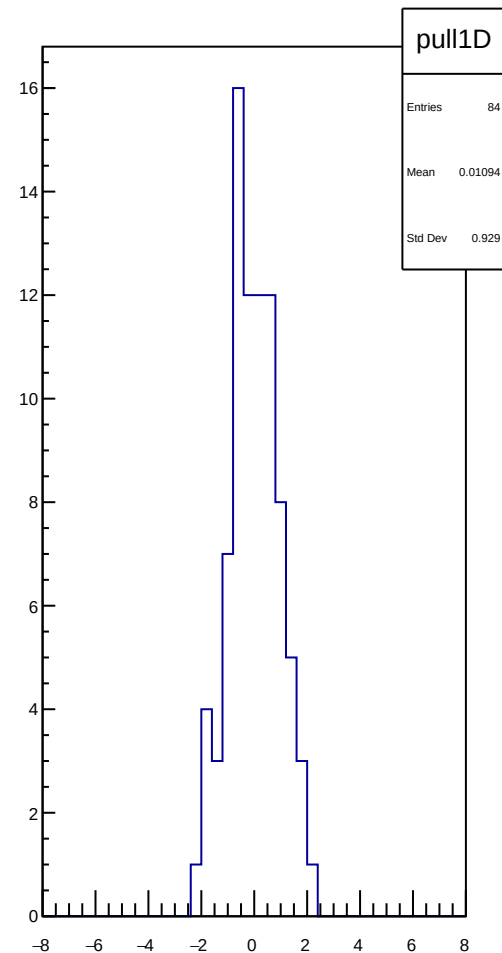
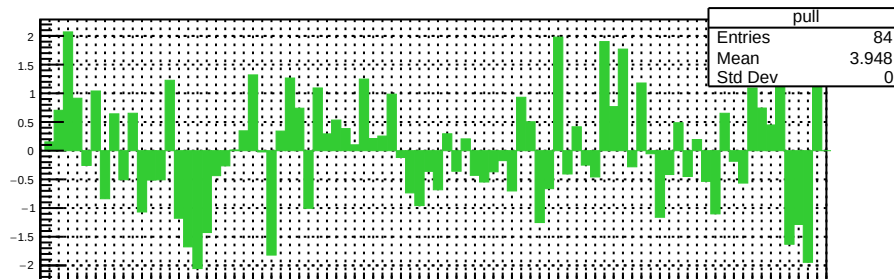
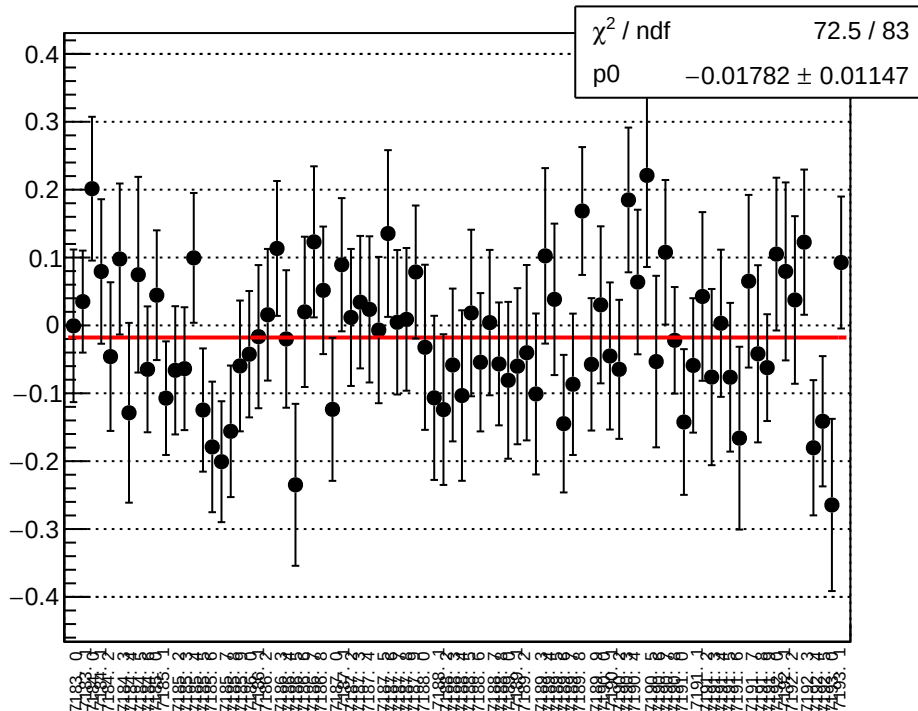
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs run



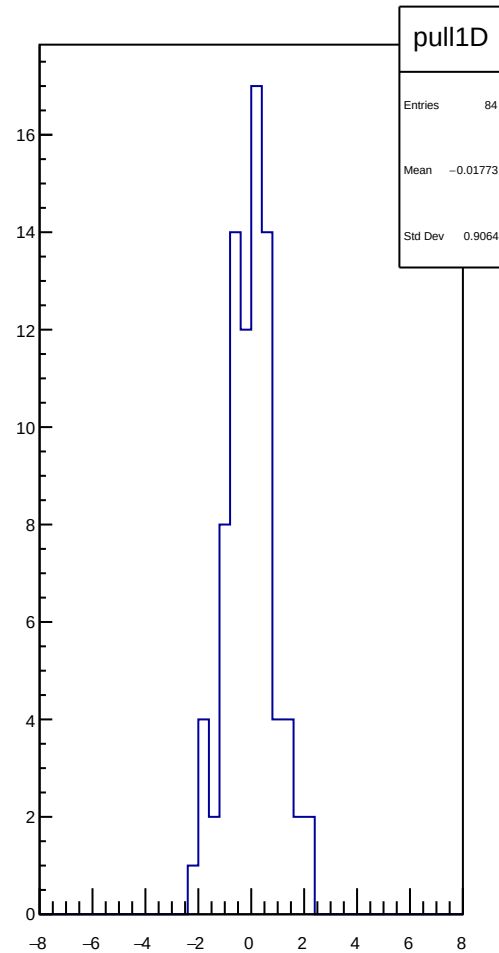
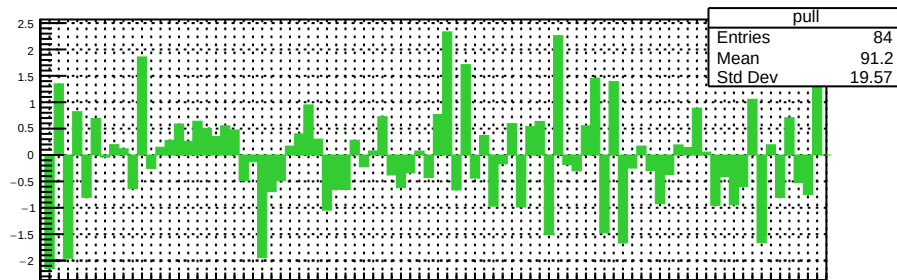
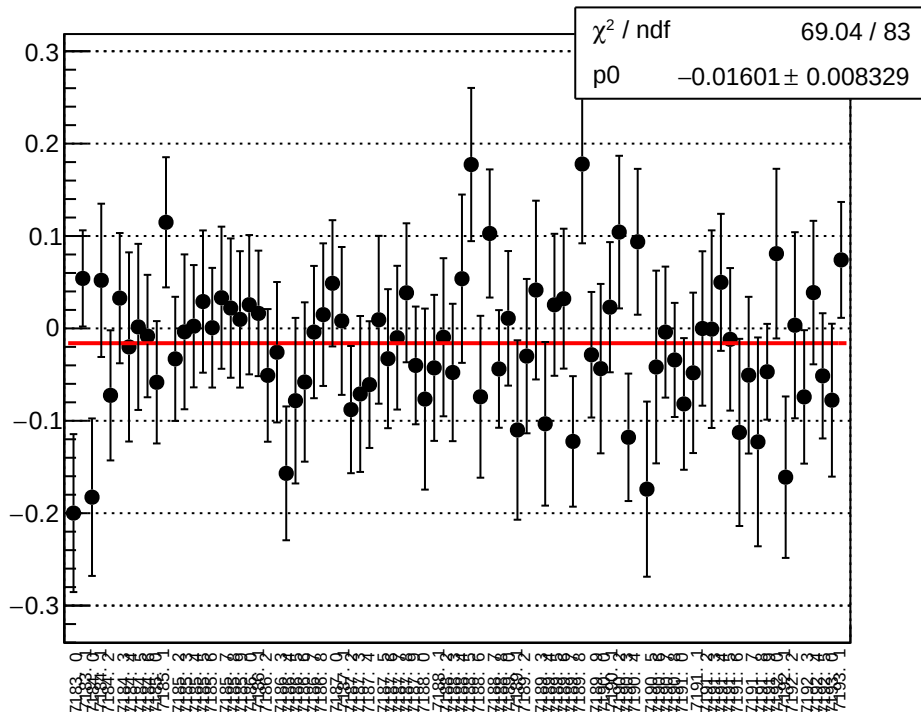
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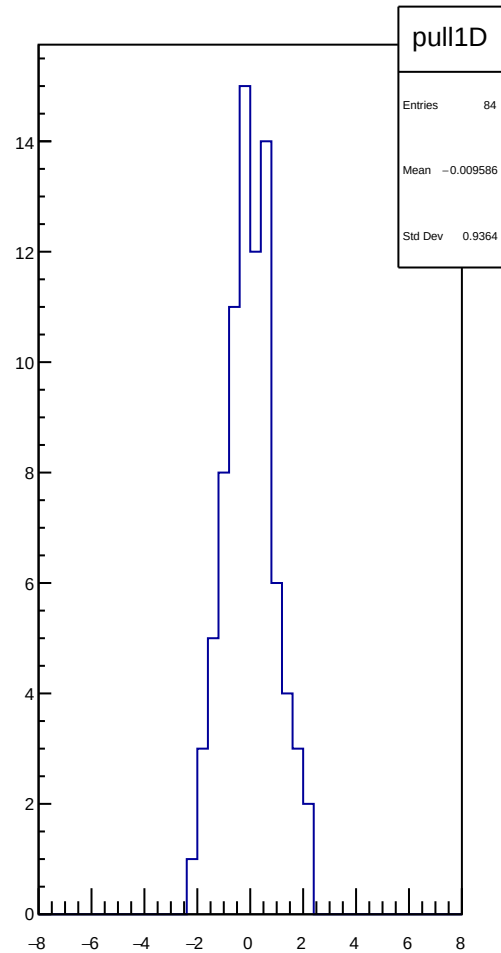
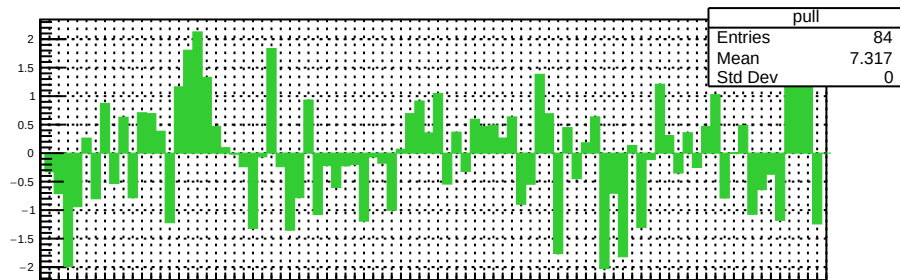
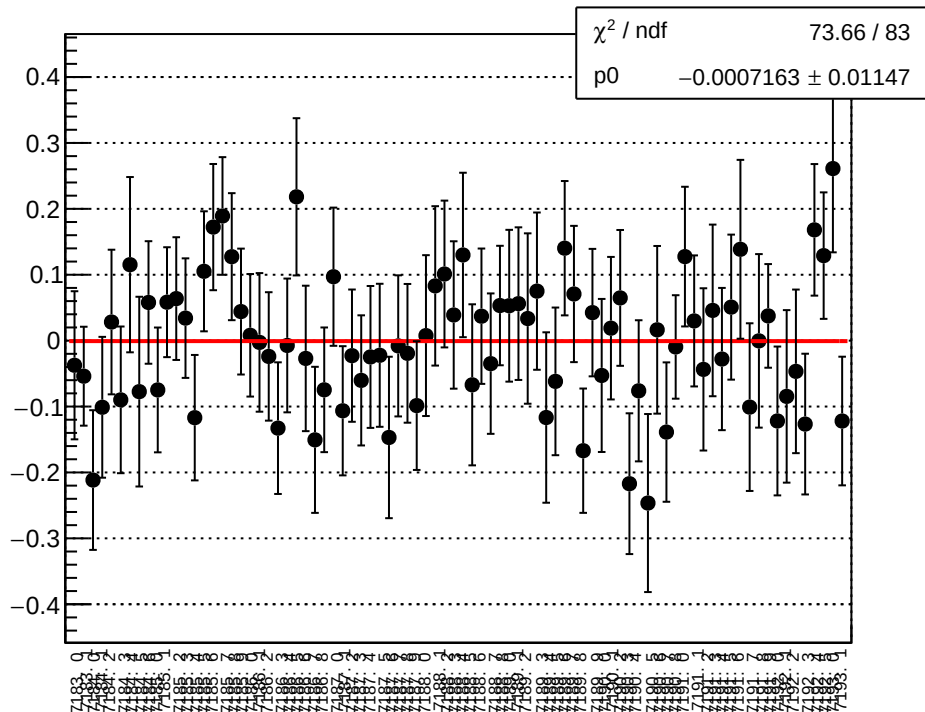
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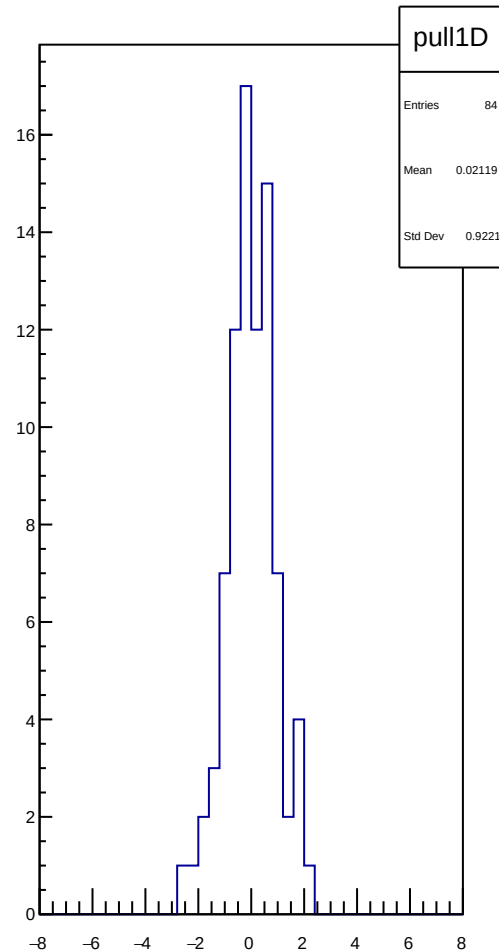
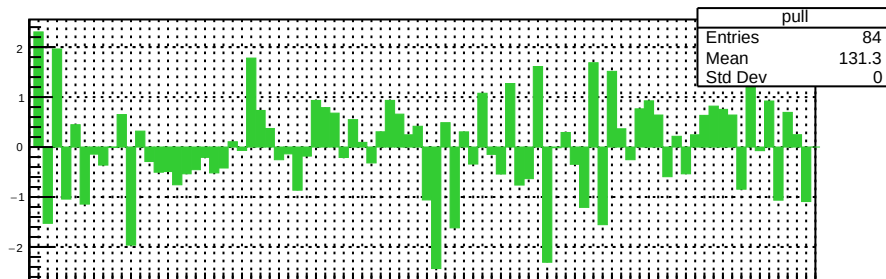
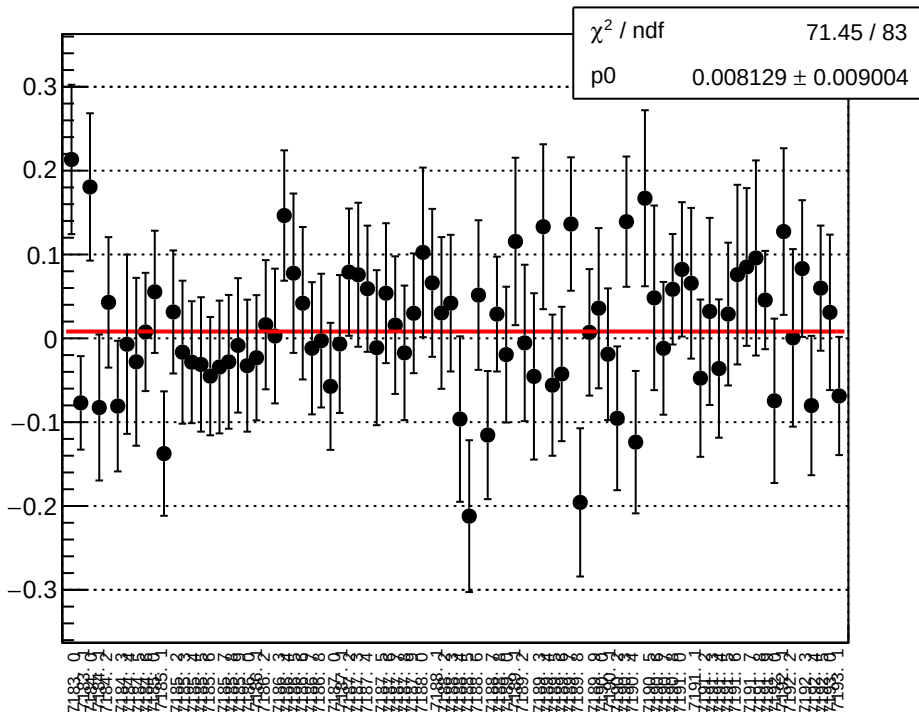
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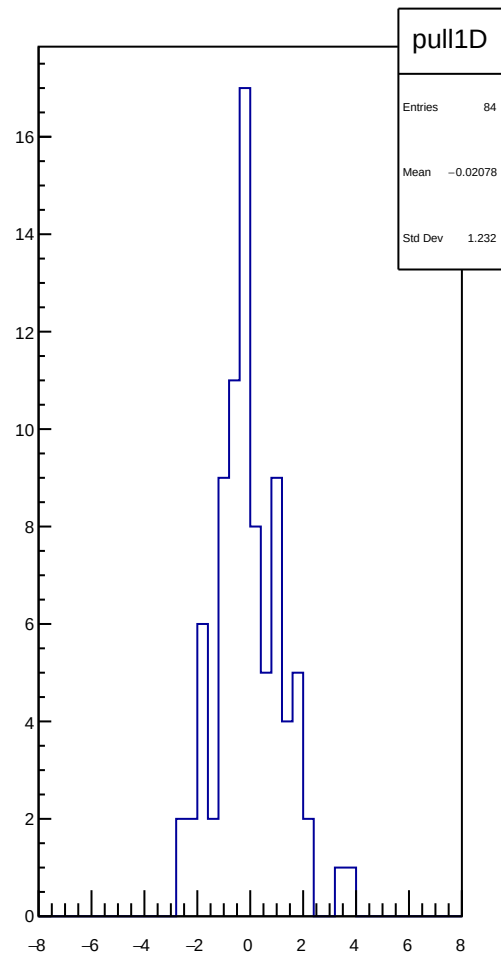
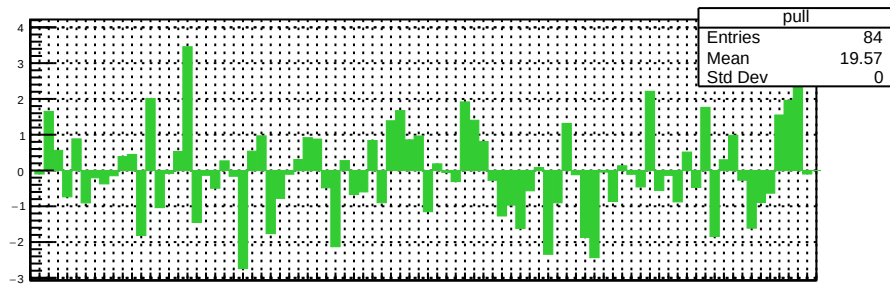
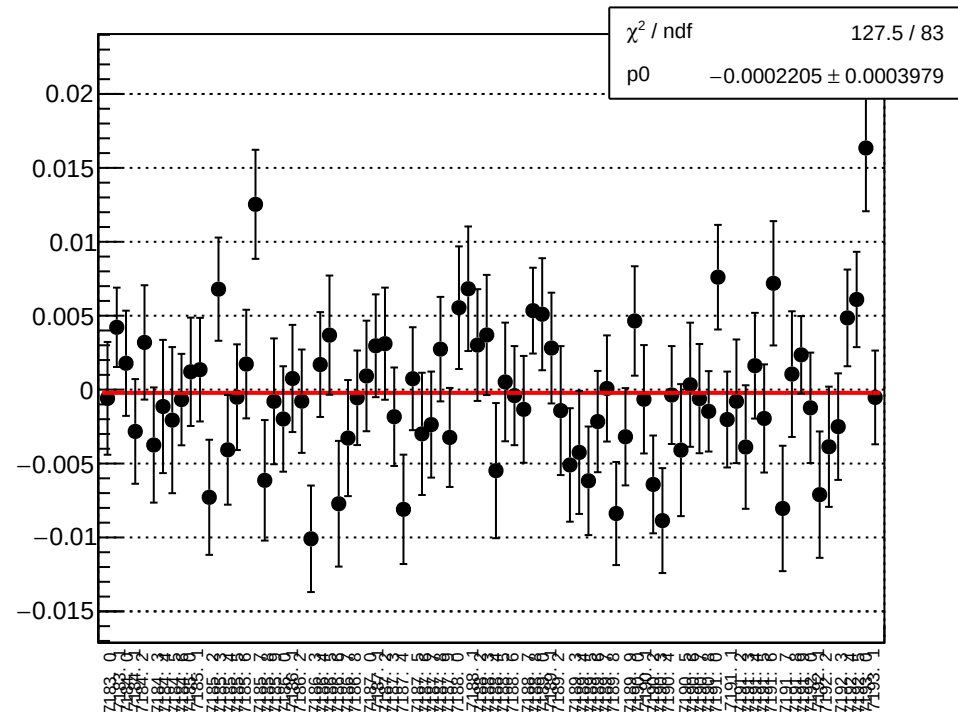
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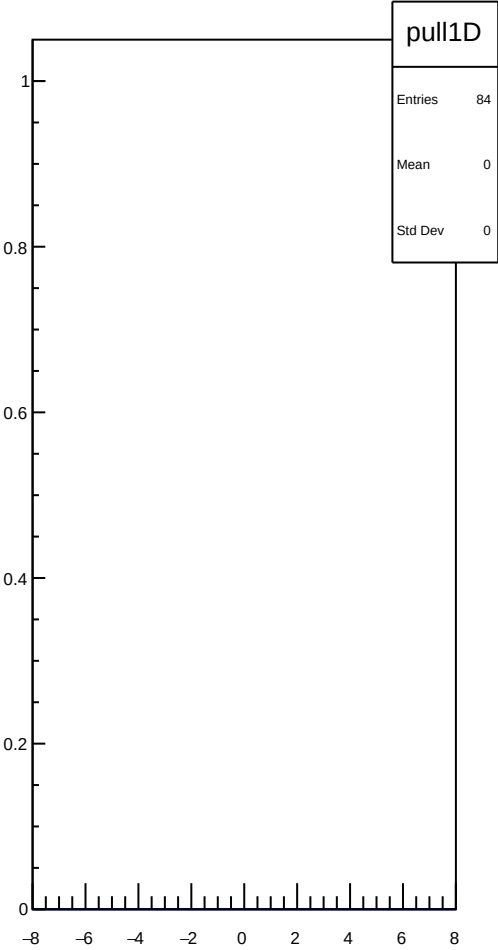
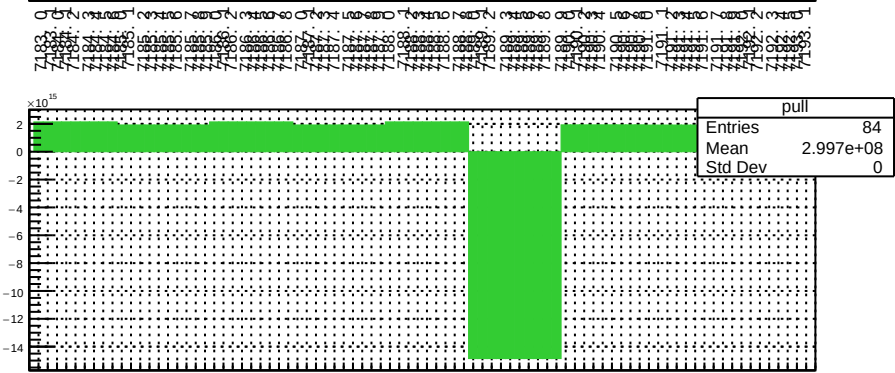
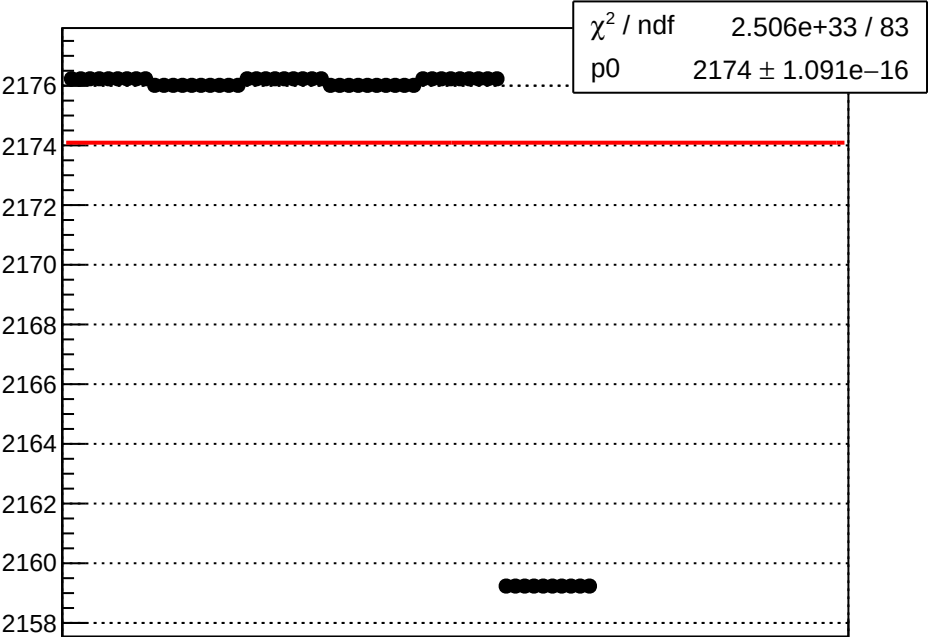
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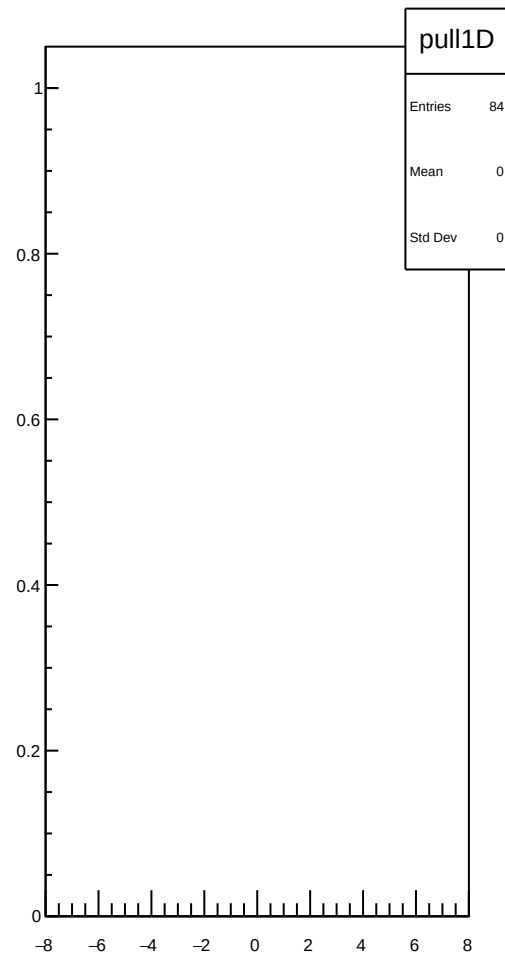
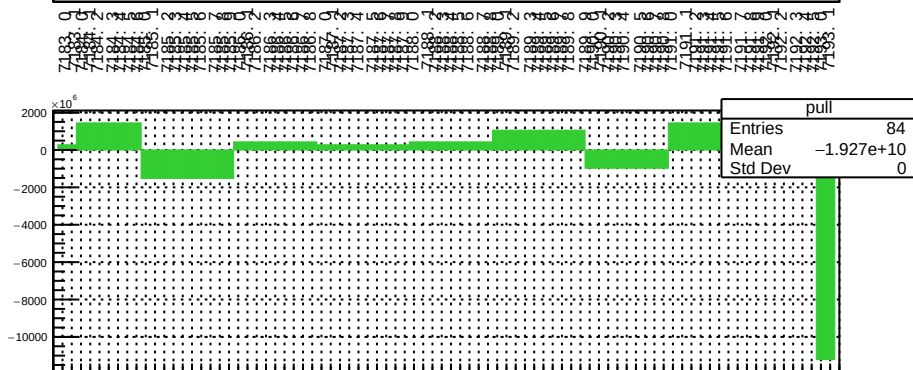
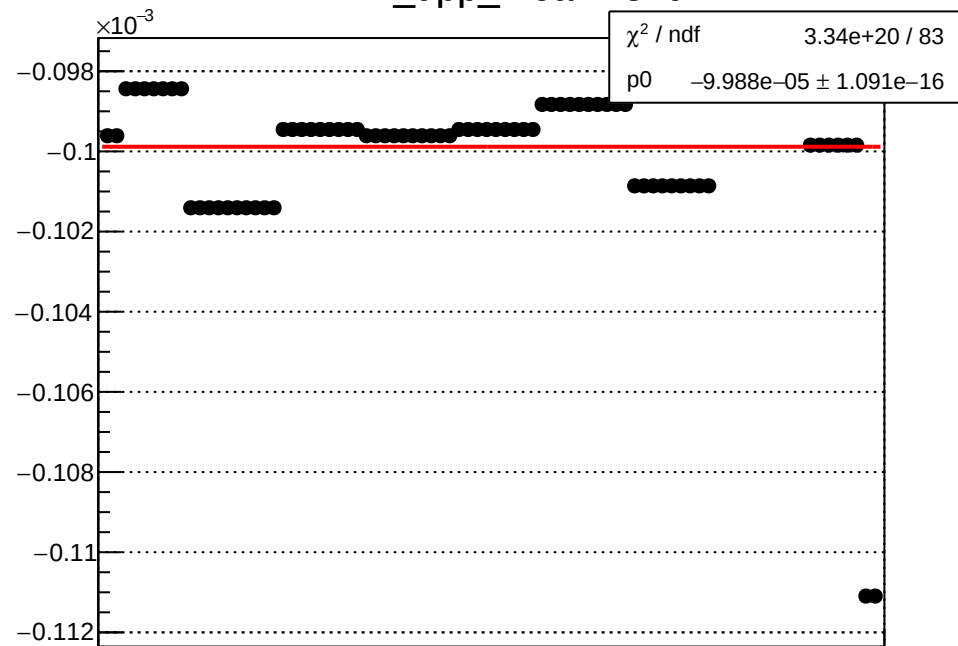
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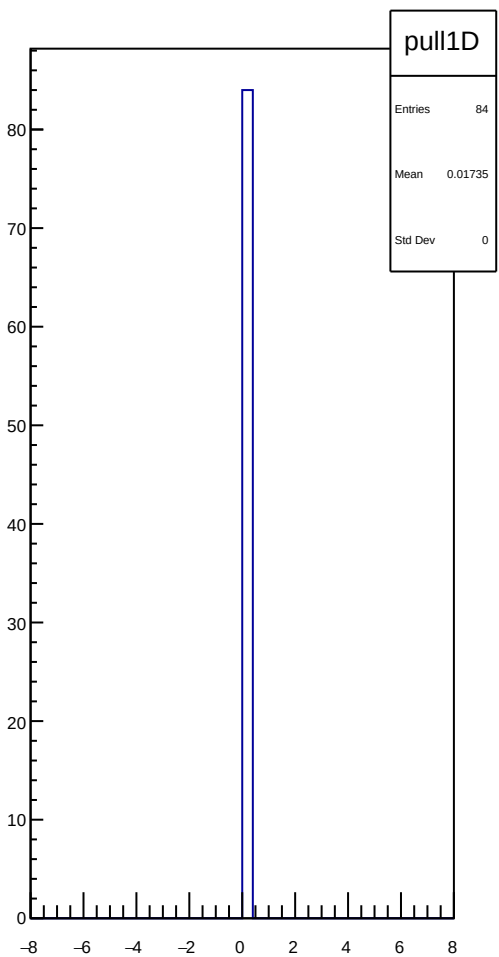
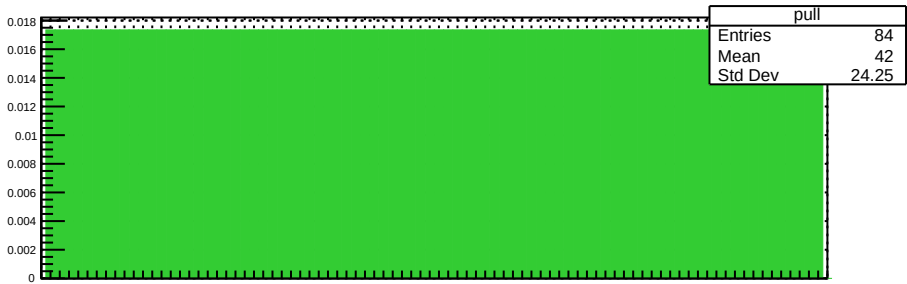
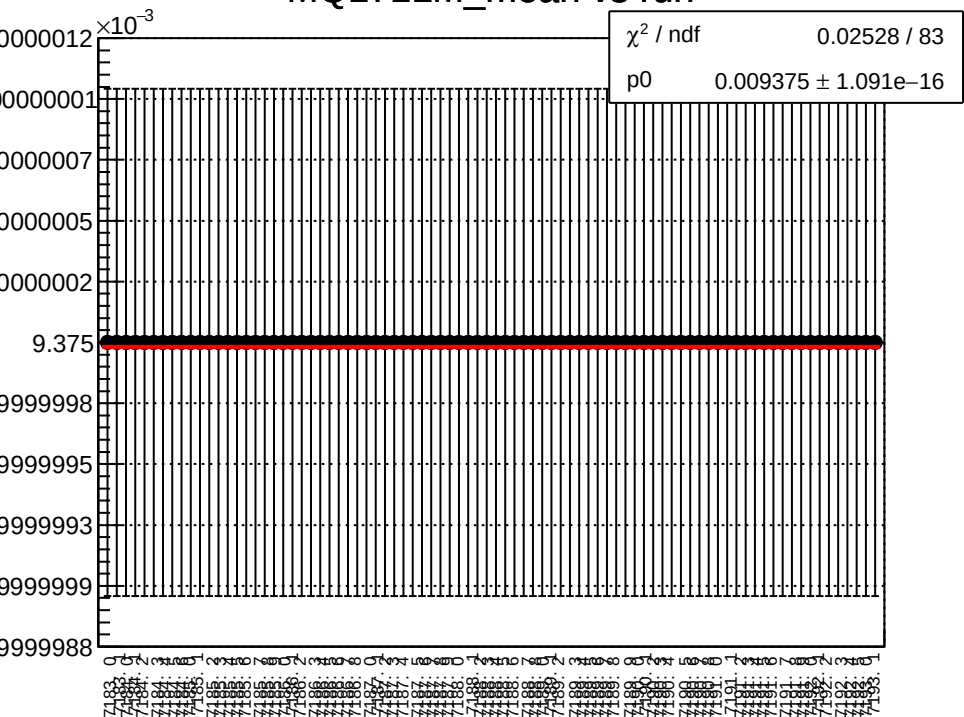
HALLA_p_mean vs run



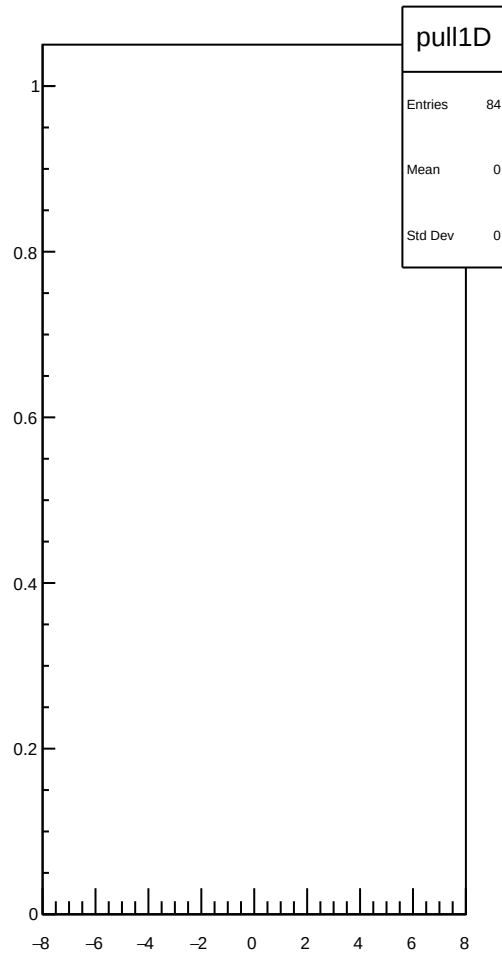
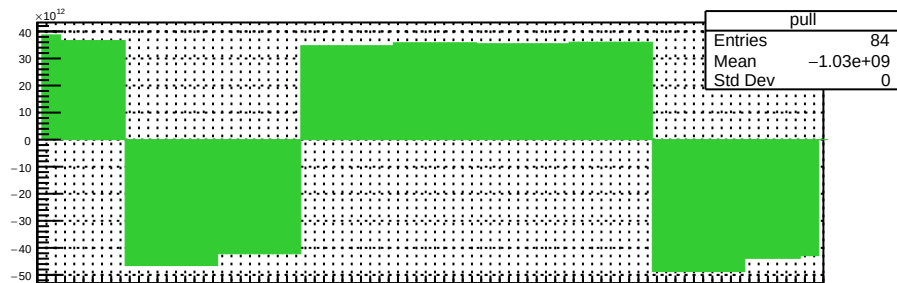
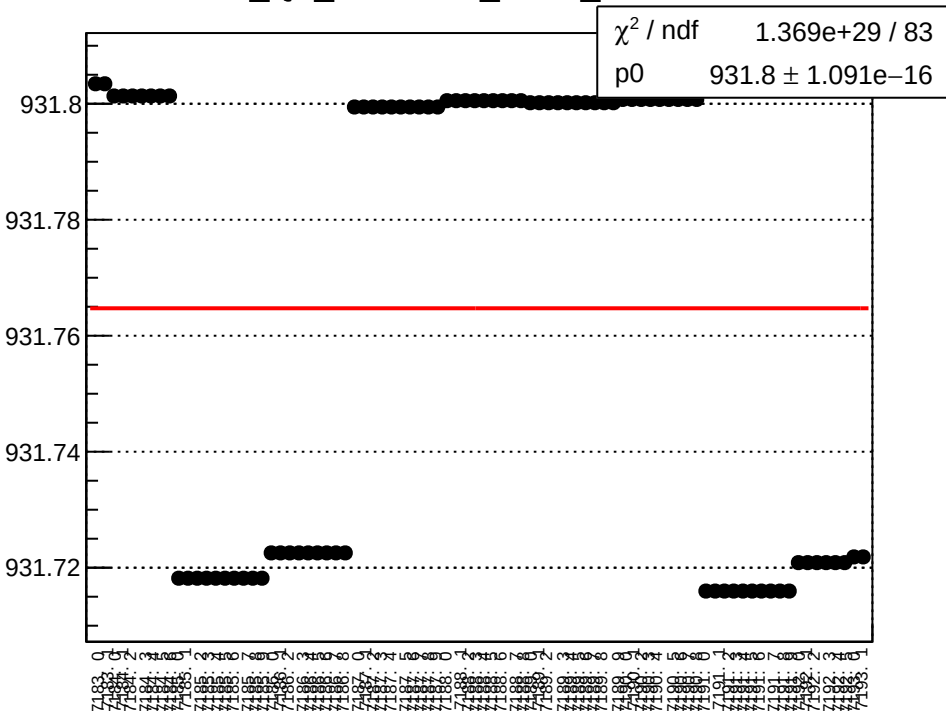
HALLA_dpp_mean vs run



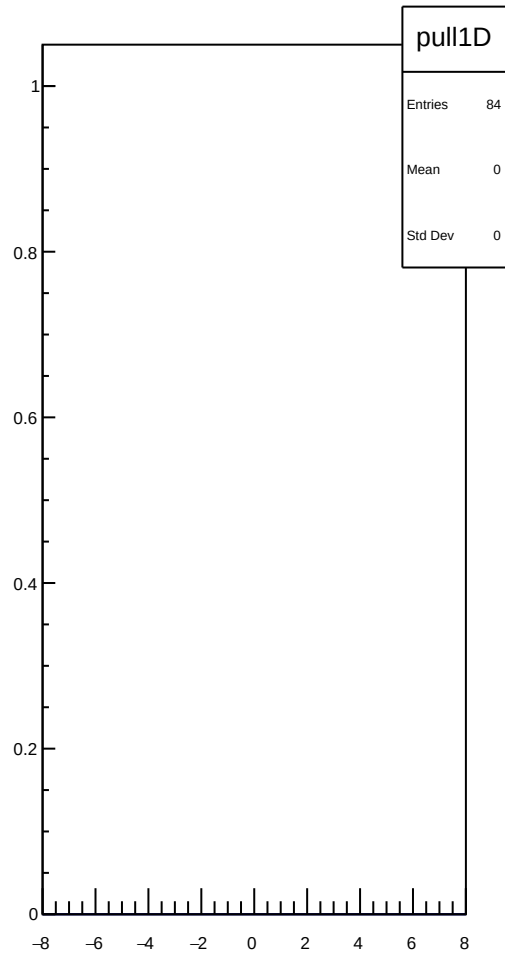
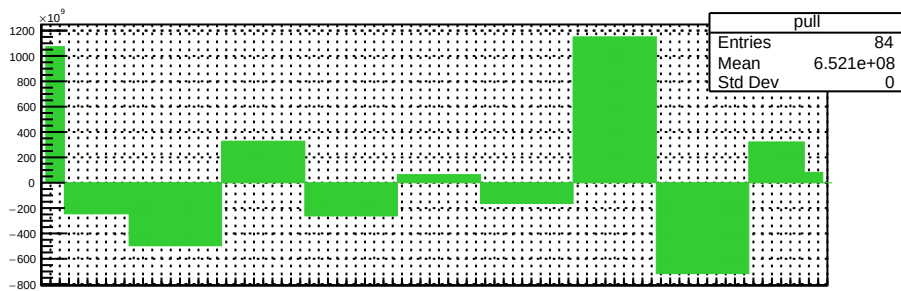
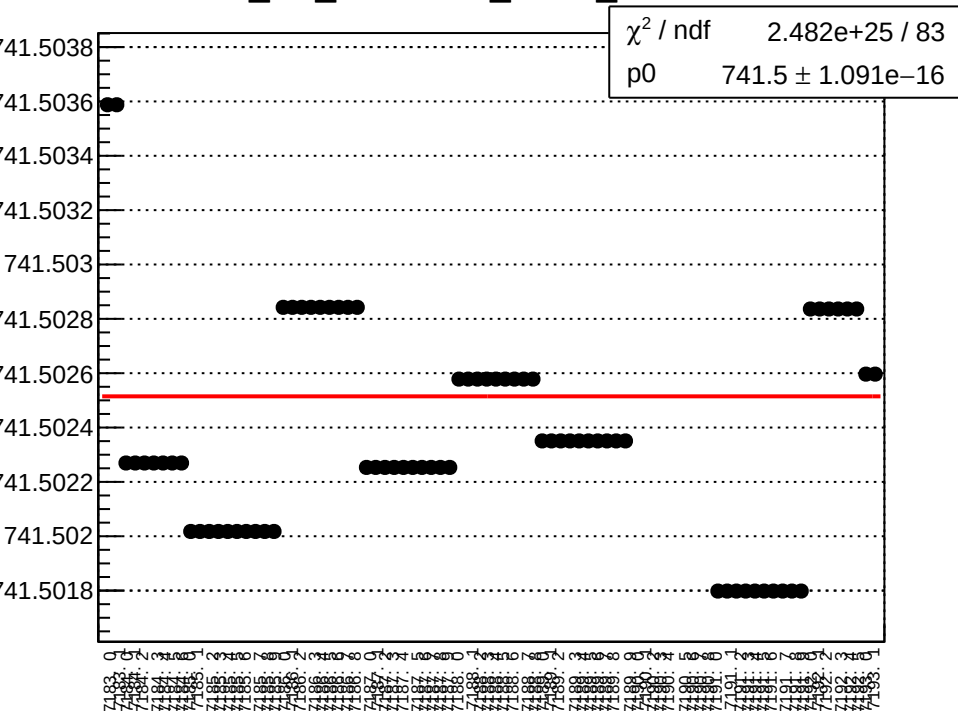
MQ171LM_mean vs run



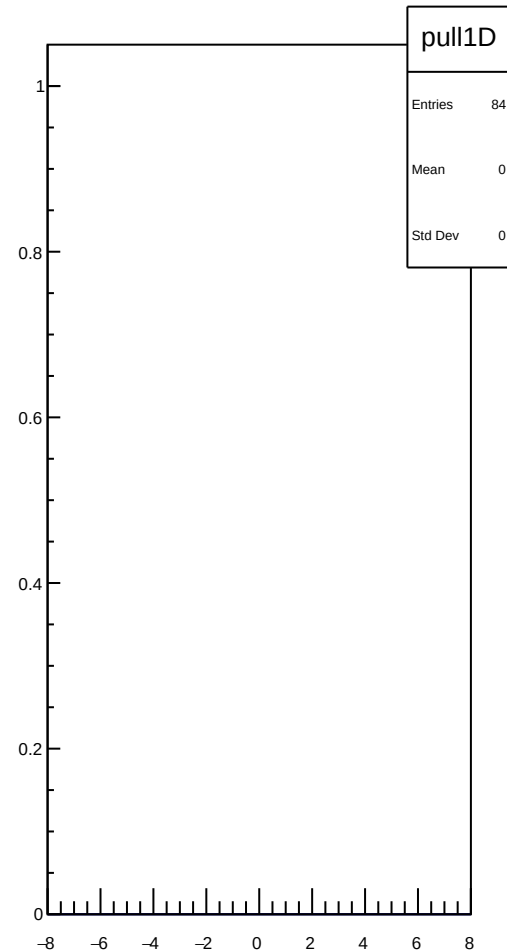
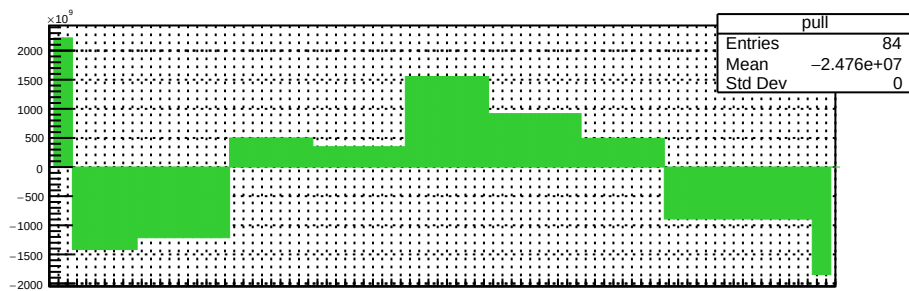
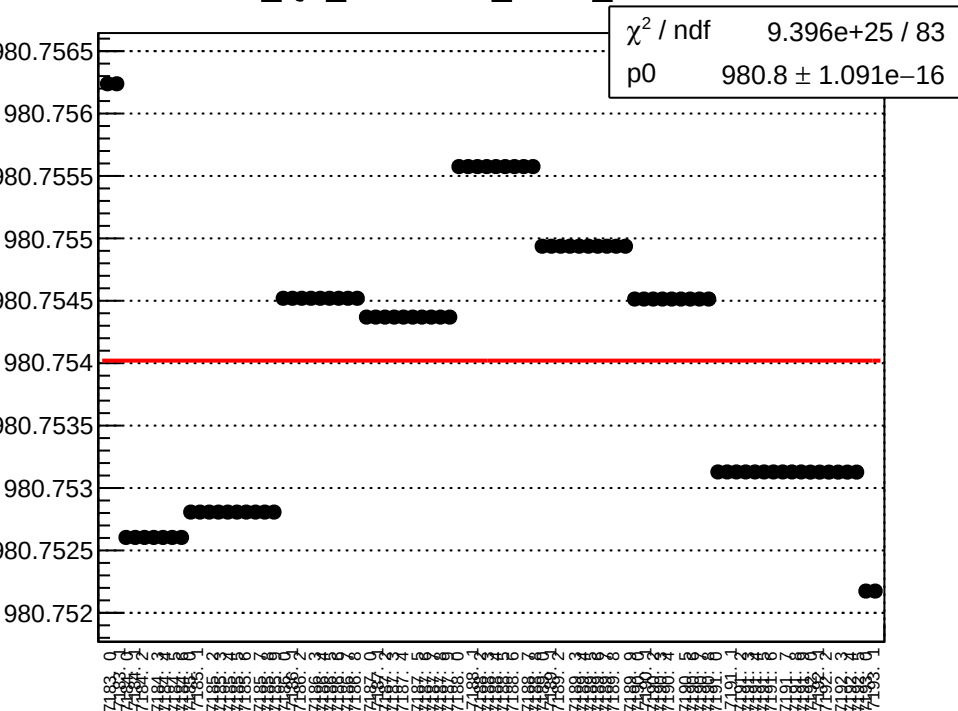
HacL_Q2_HP3458A_IOUT_mean vs run



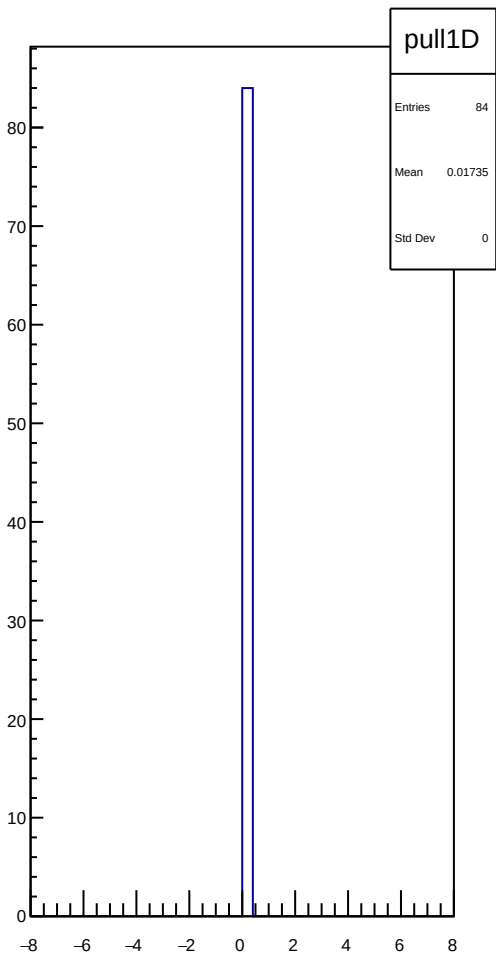
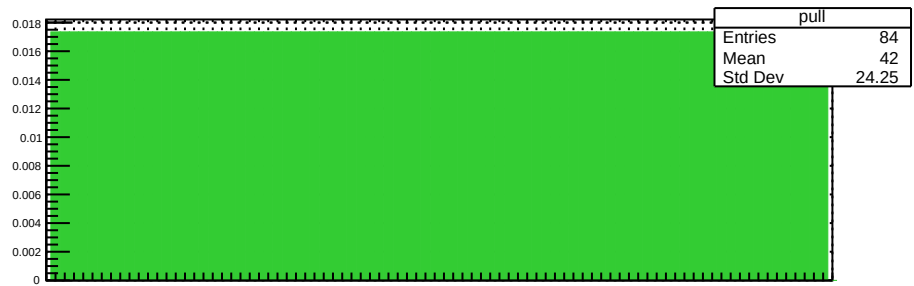
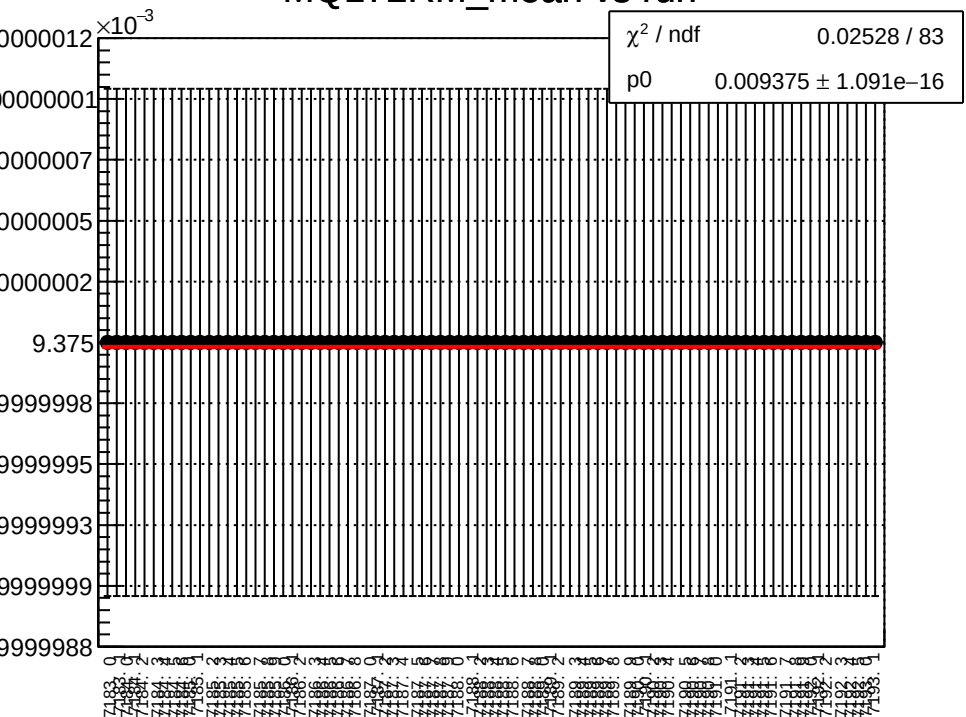
HacL_D1_HP3458A_IOUT_mean vs run



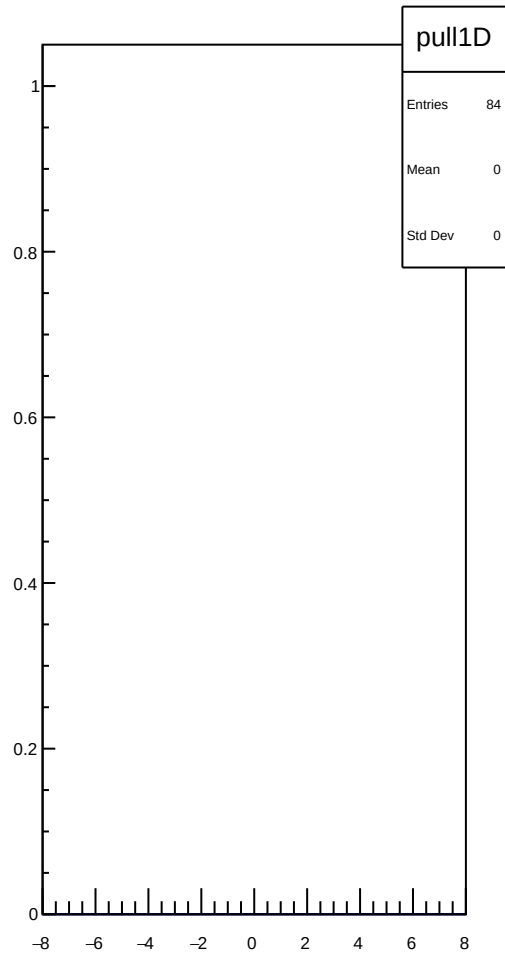
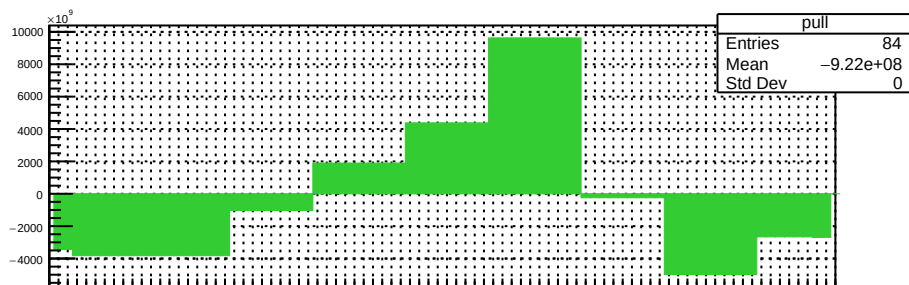
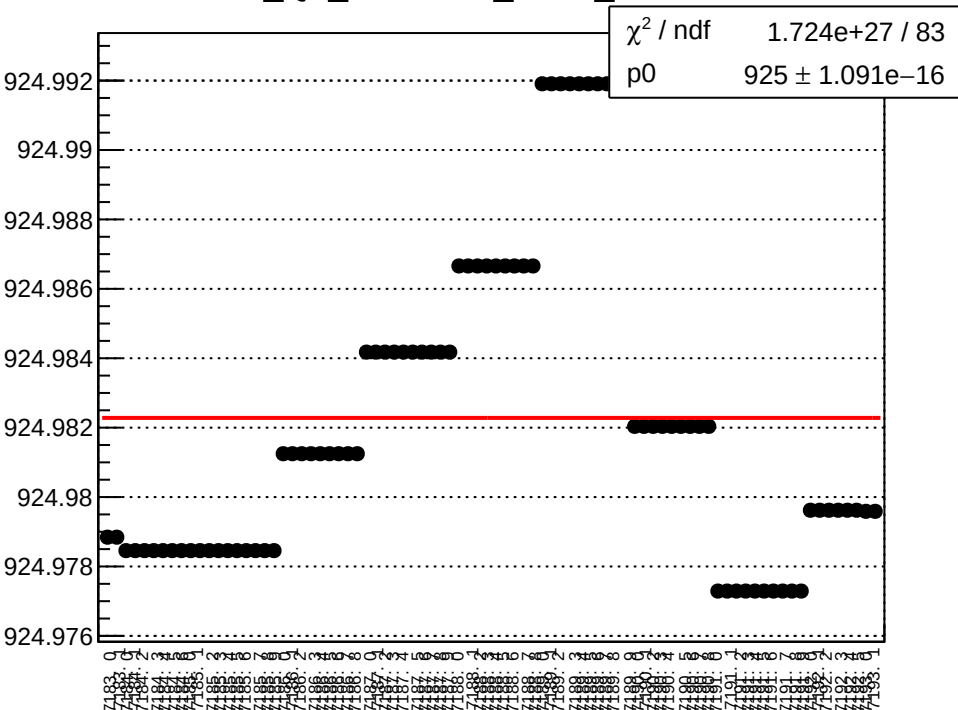
HacL_Q3_HP3458A_IOUT_mean vs run



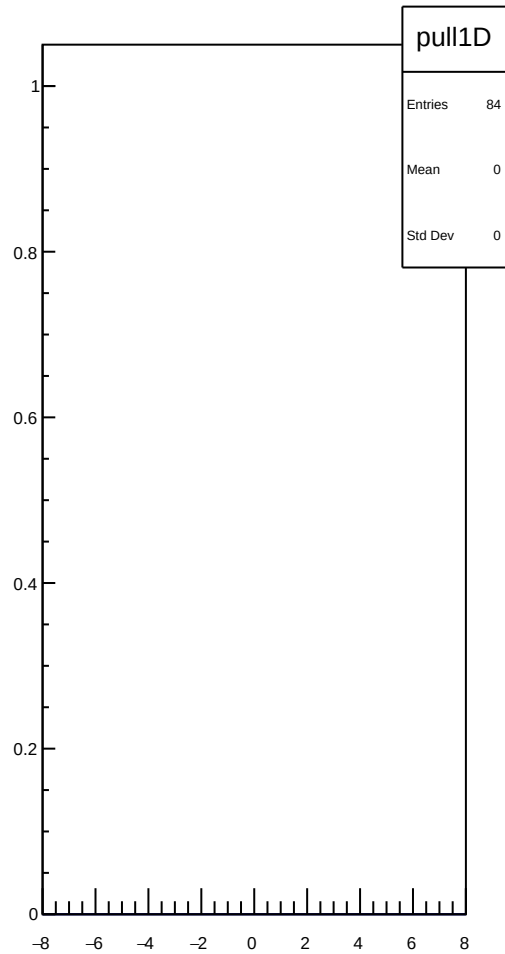
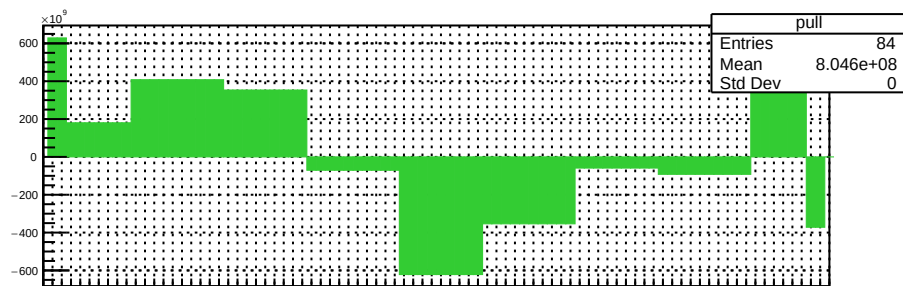
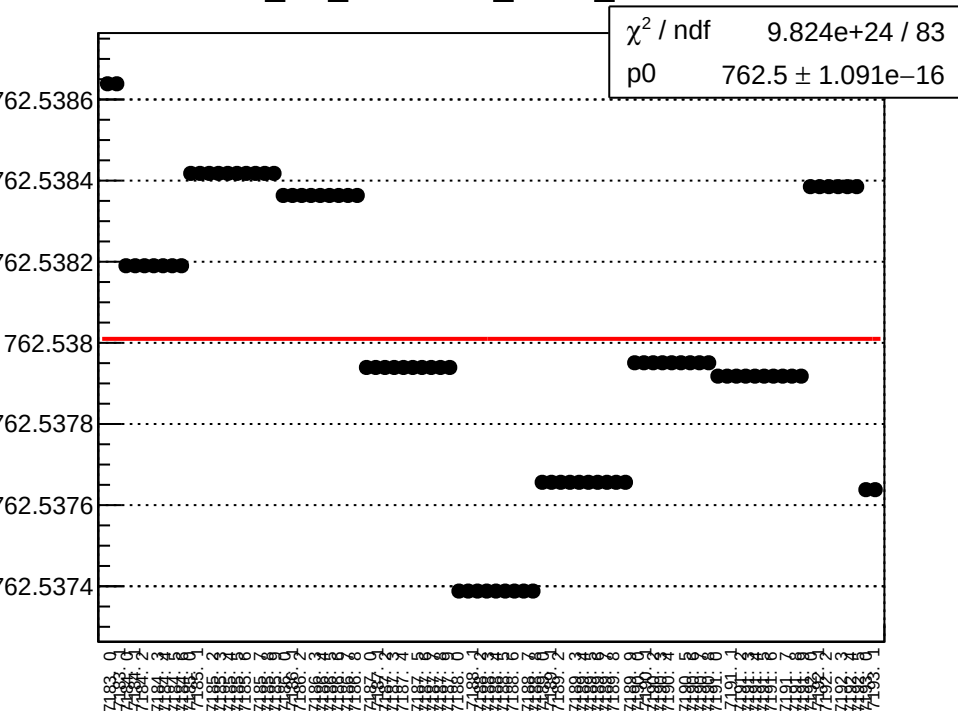
MQ172RM_mean vs run



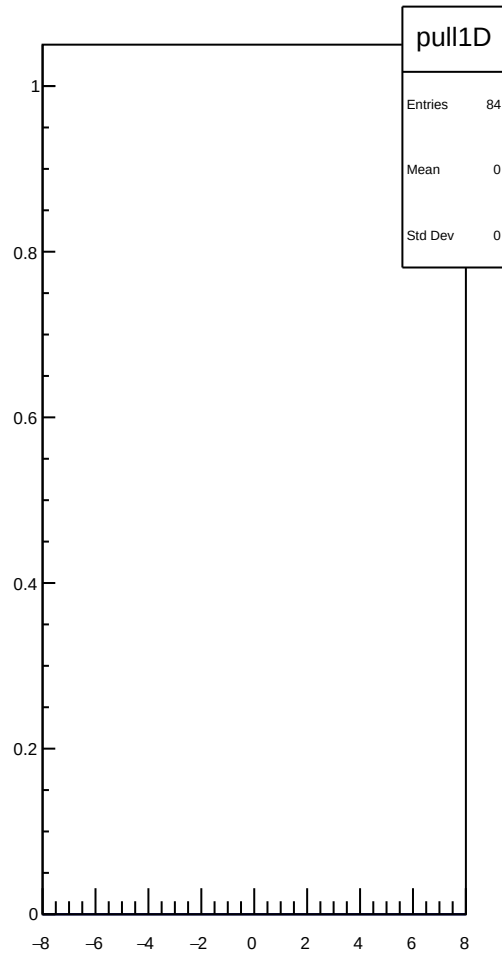
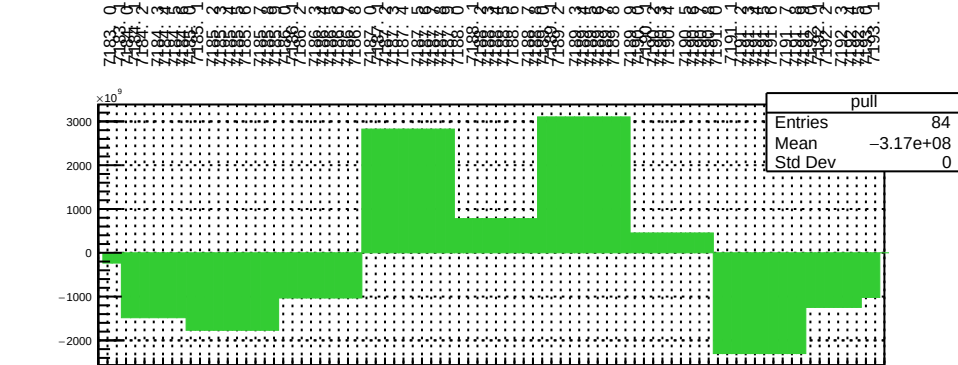
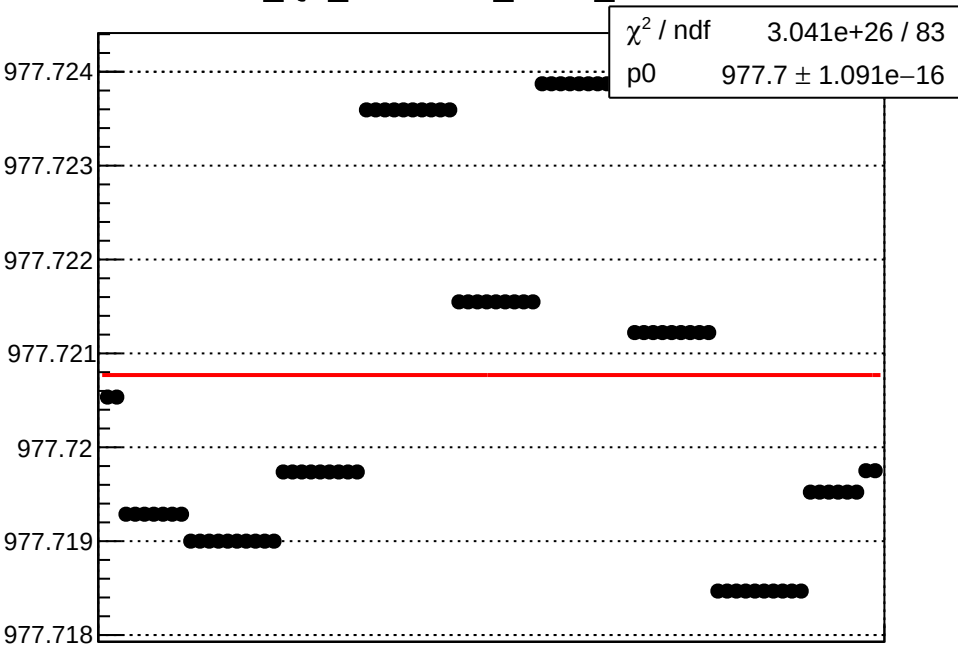
HacR_Q2_HP3458A_IOUT_mean vs run



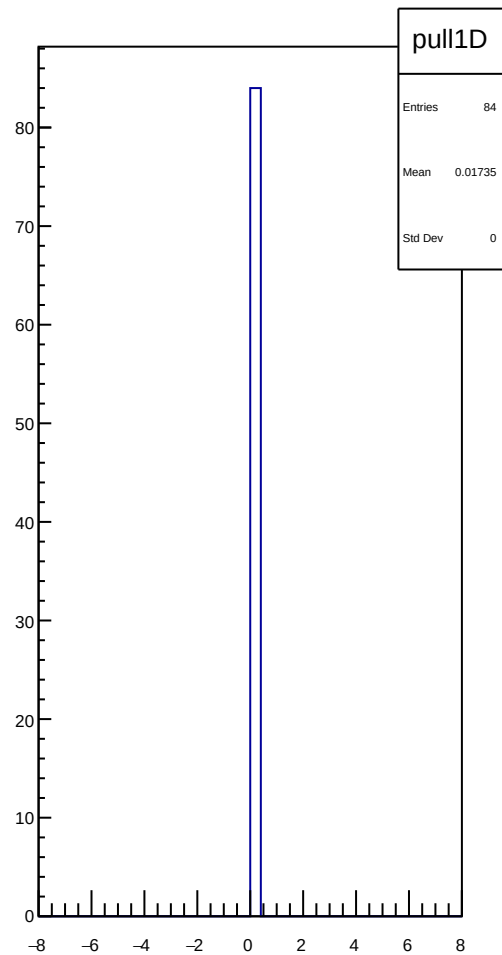
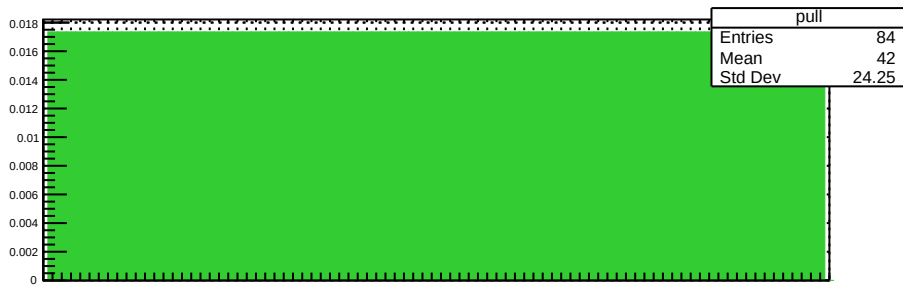
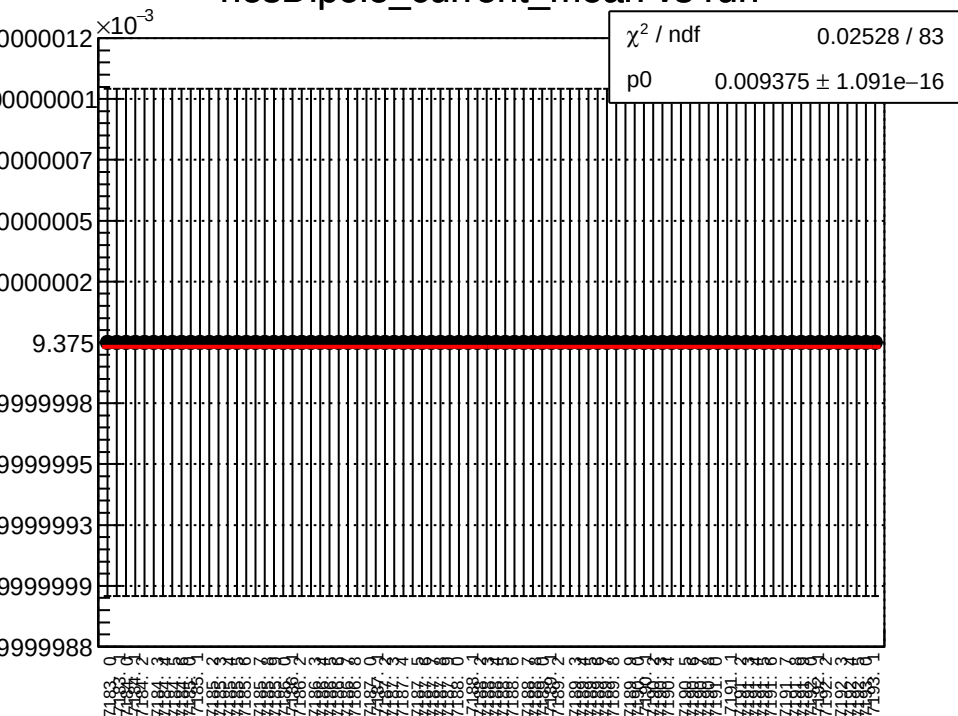
HacR_D1_HP3458A_IOUT_mean vs run



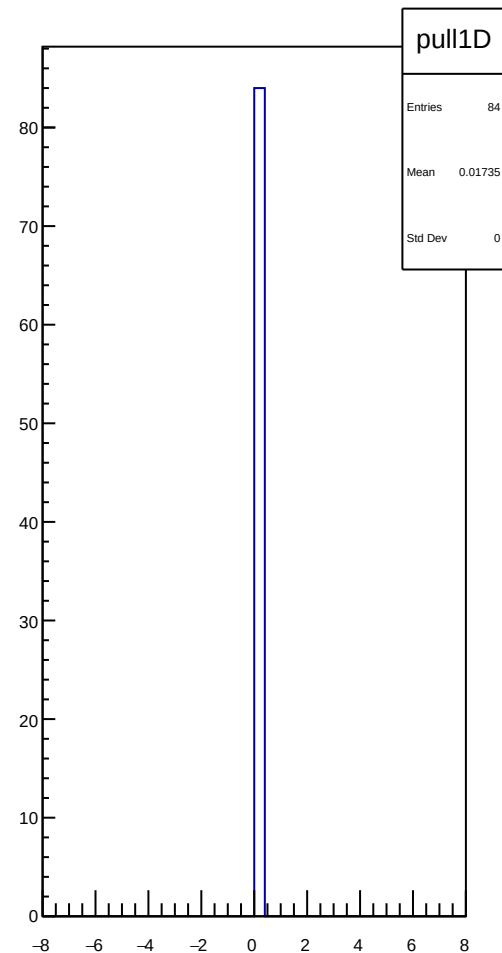
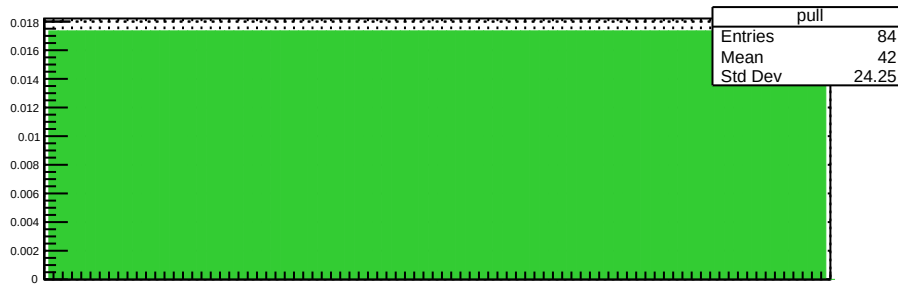
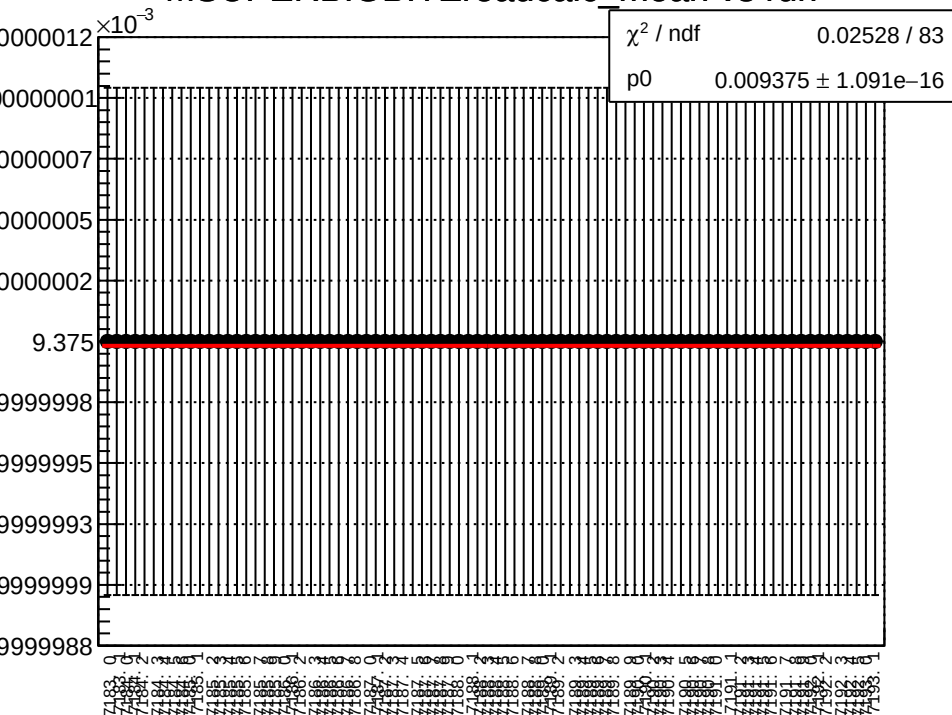
HacR_Q3_HP3458A_IOUT_mean vs run



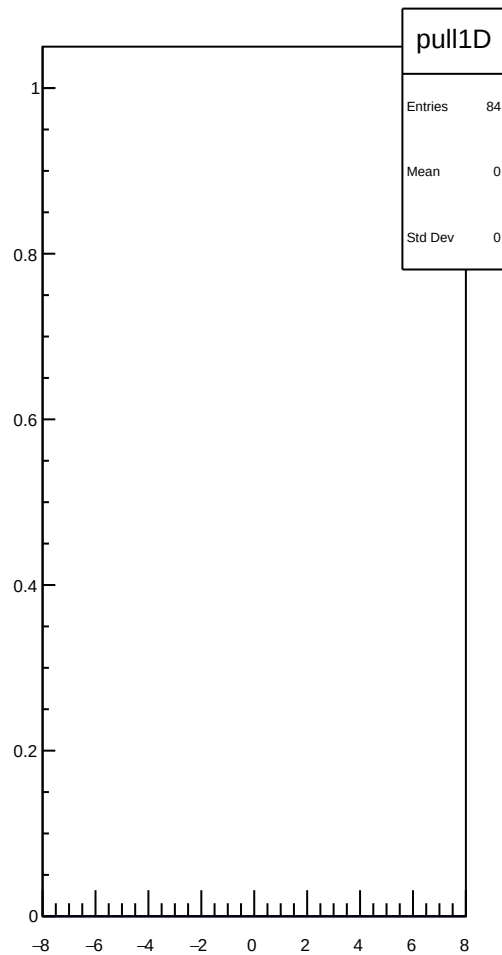
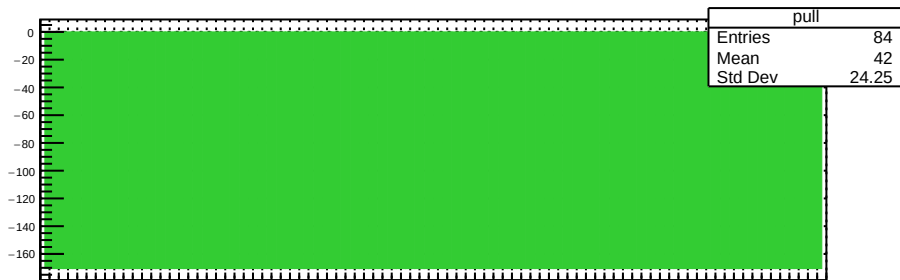
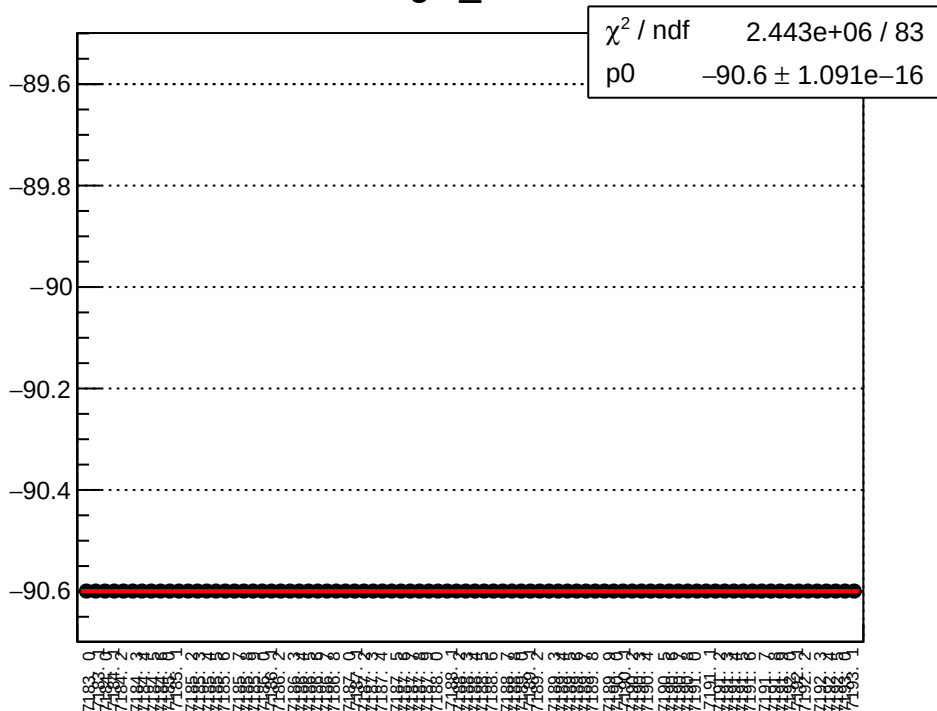
hesDipole_current_mean vs run



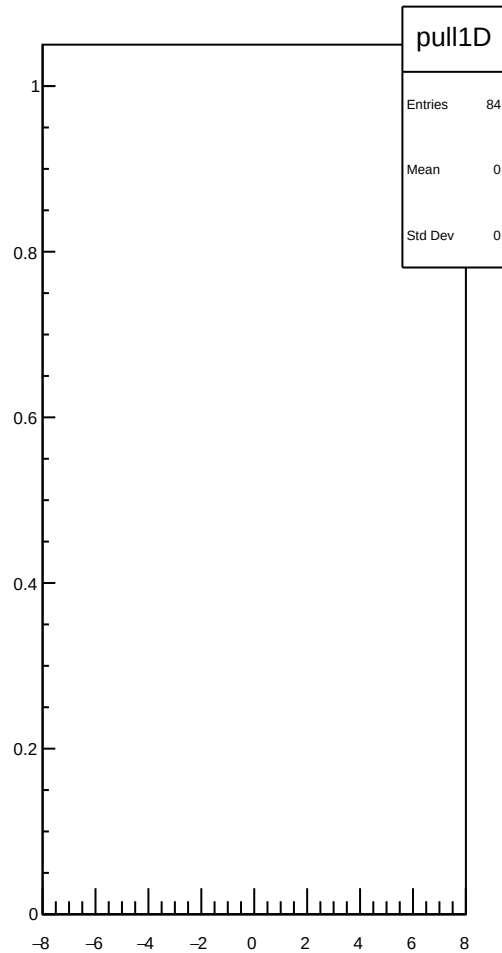
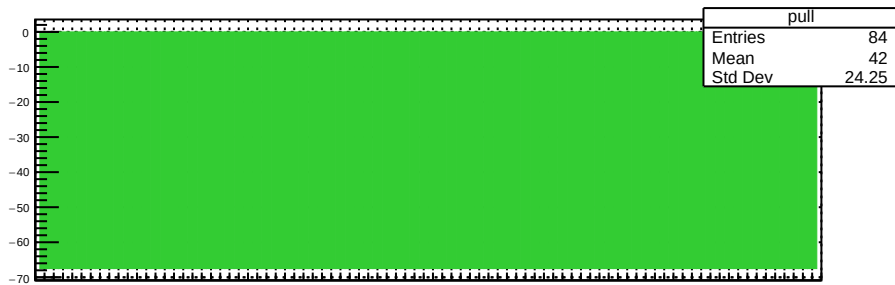
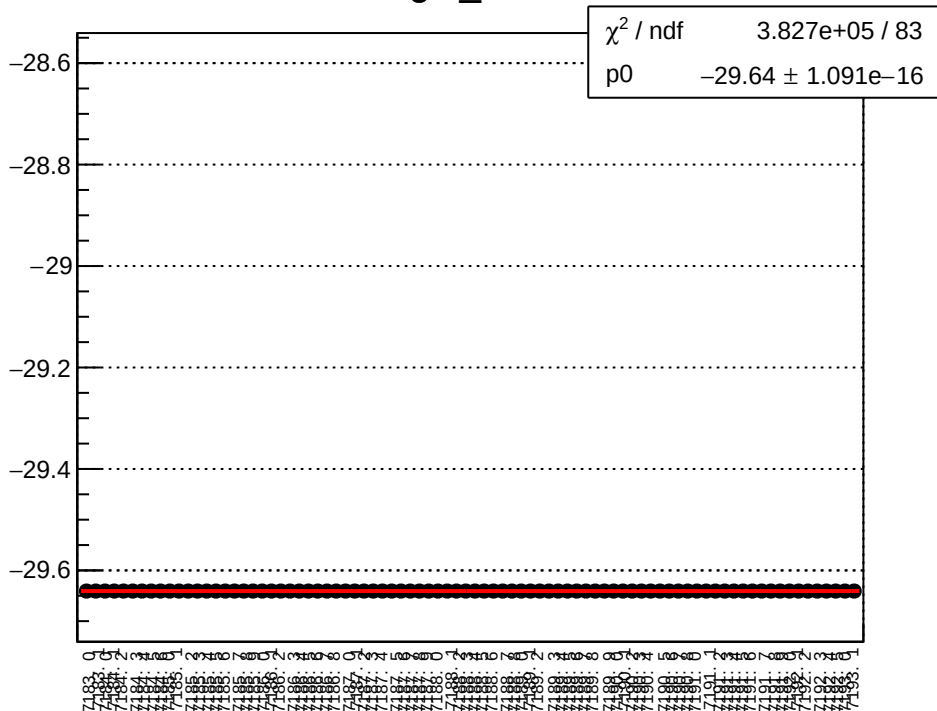
MSUPERBIGBITereadcalc mean vs run



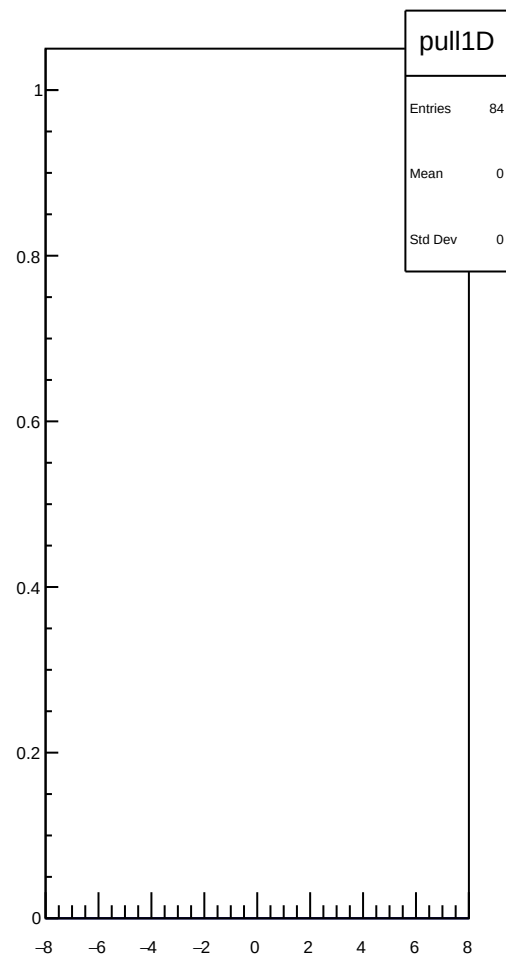
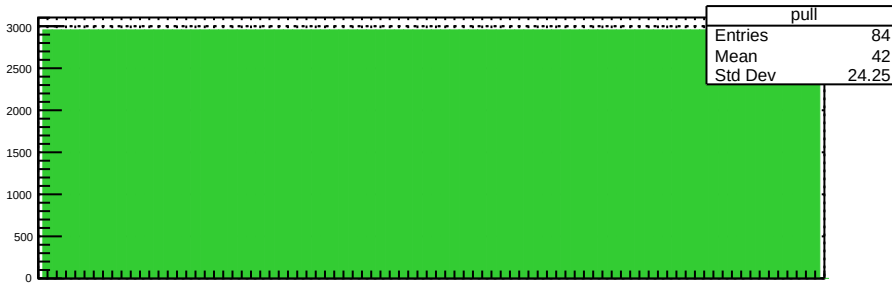
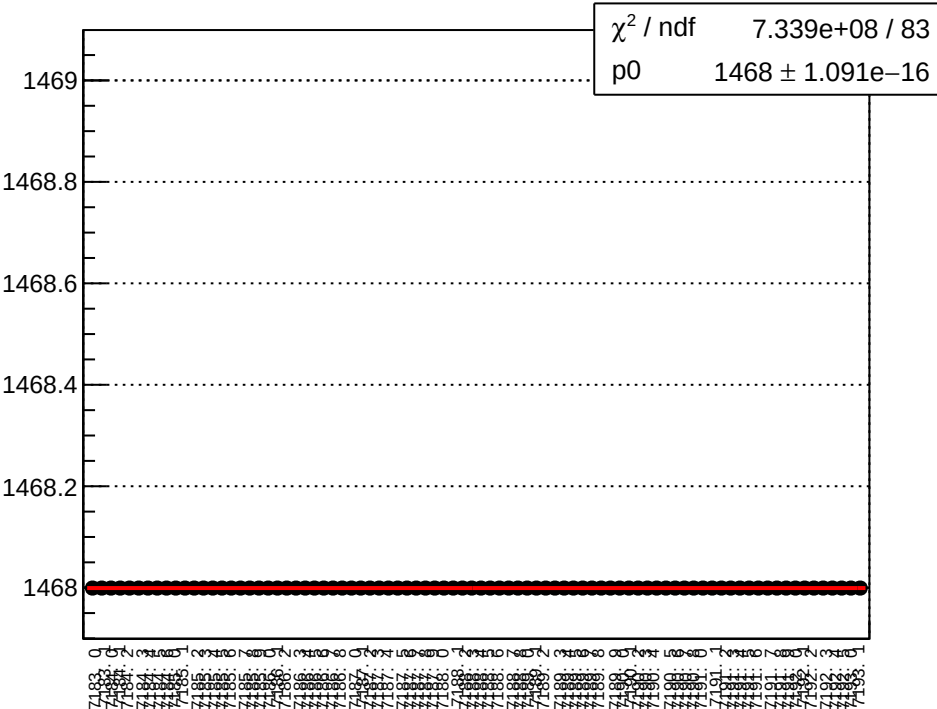
VWienAngle_mean vs run



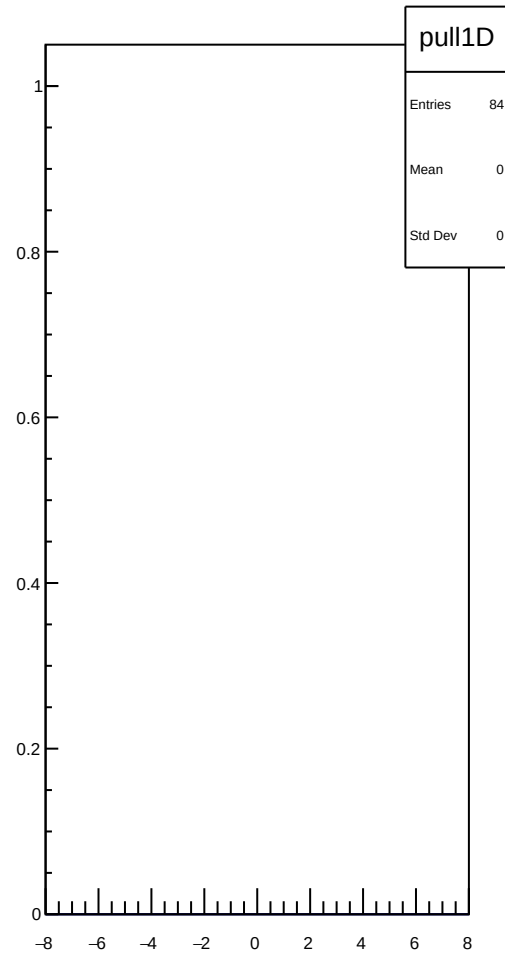
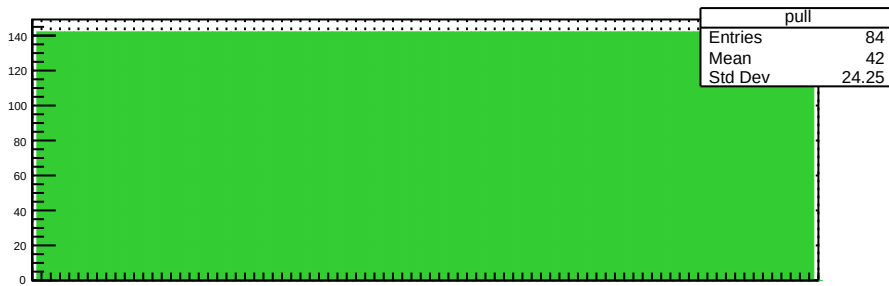
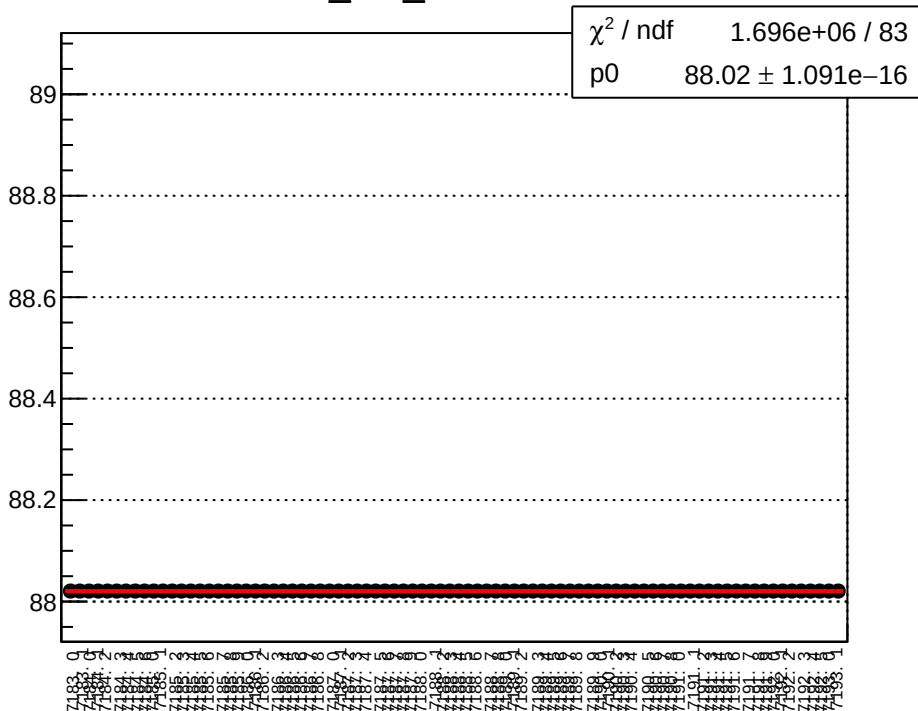
HWienAngle_mean vs run



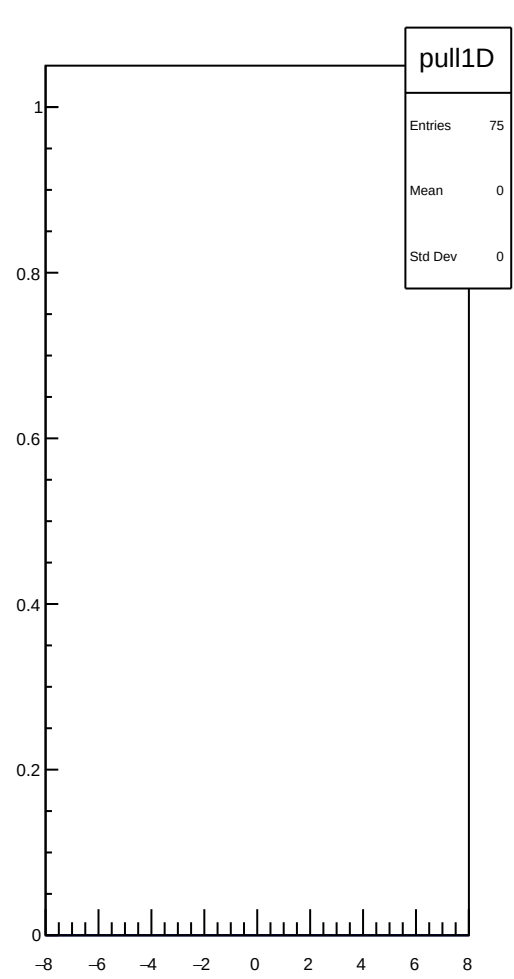
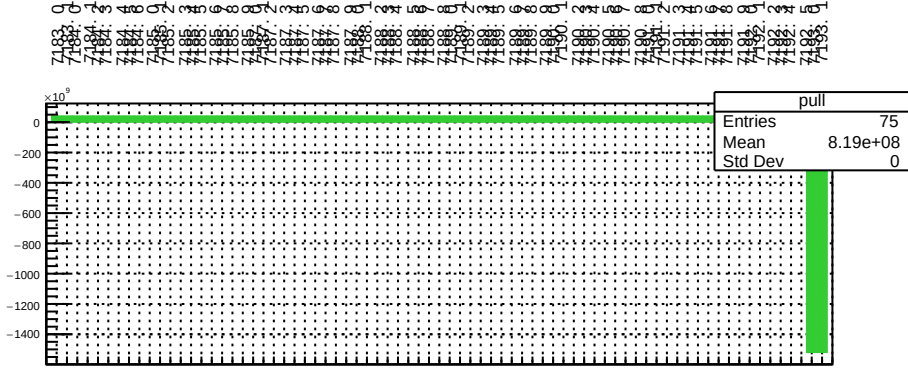
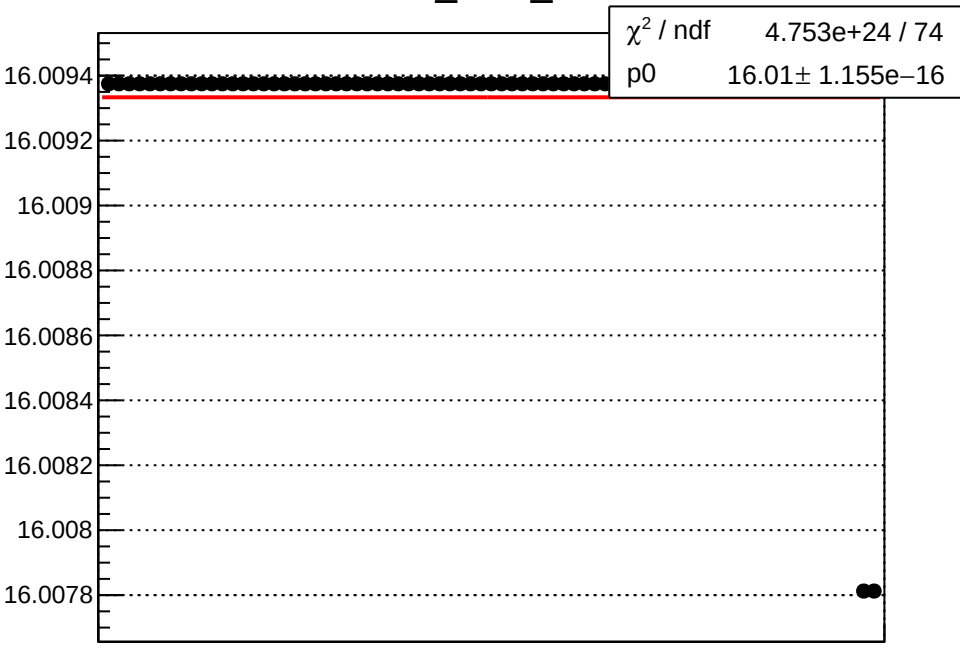
psub_pl_pos_mean vs run



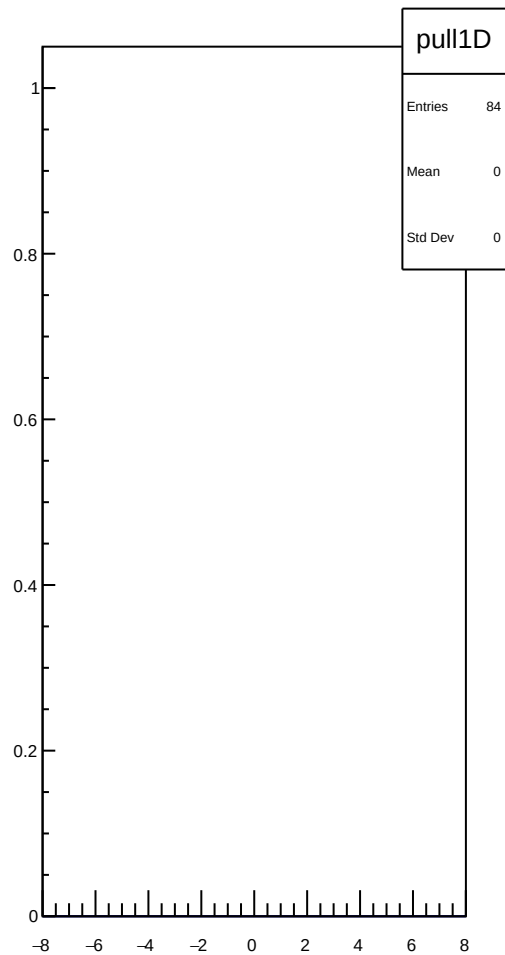
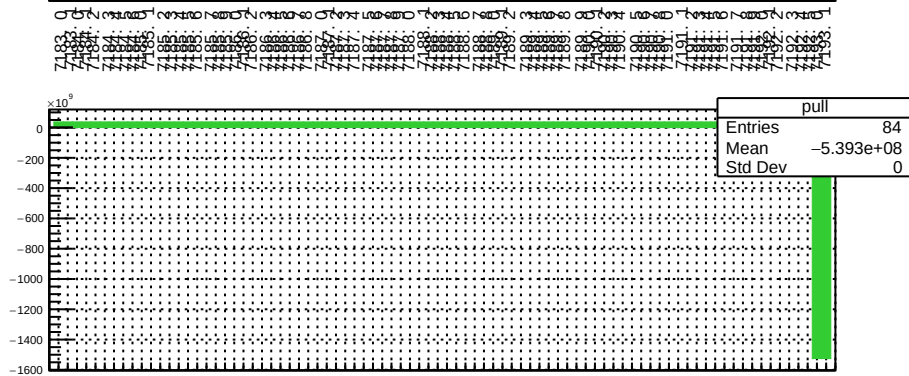
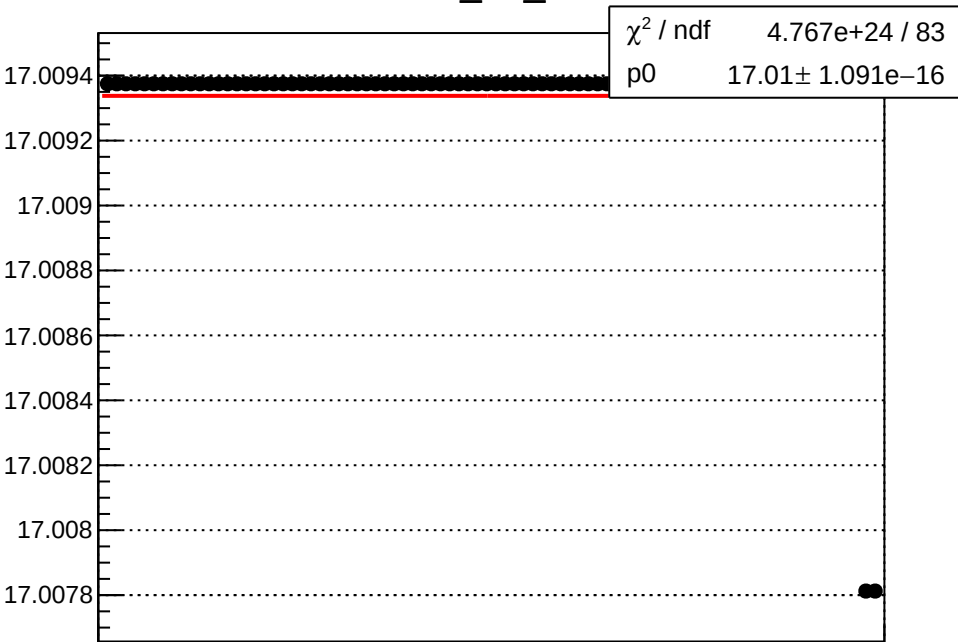
Phi_FG_mean vs run



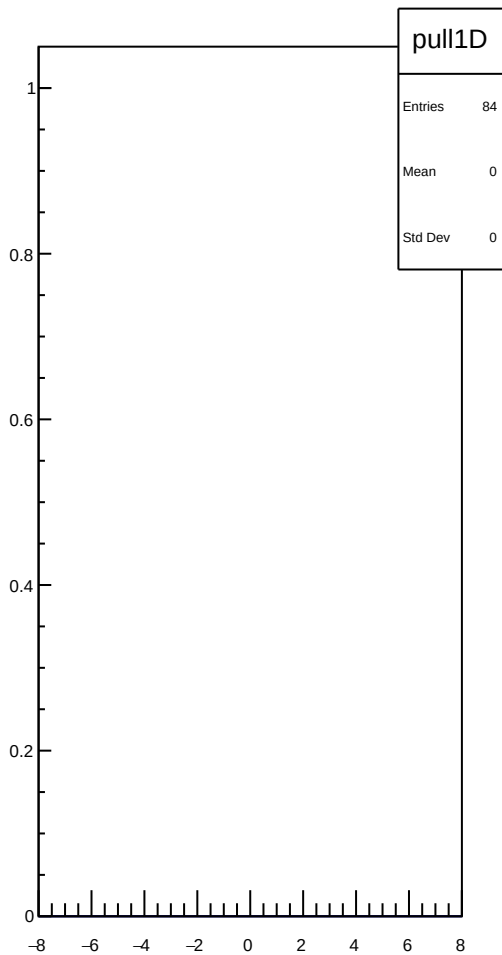
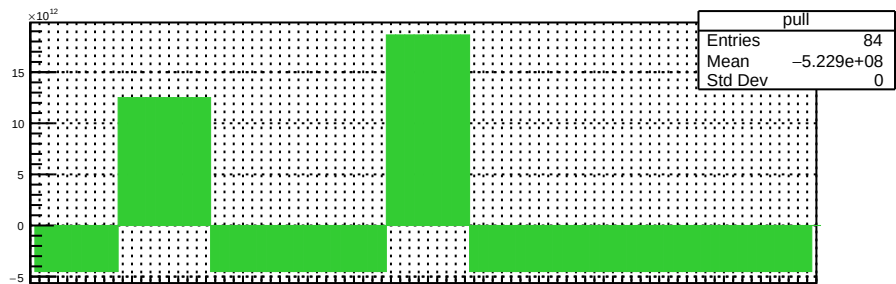
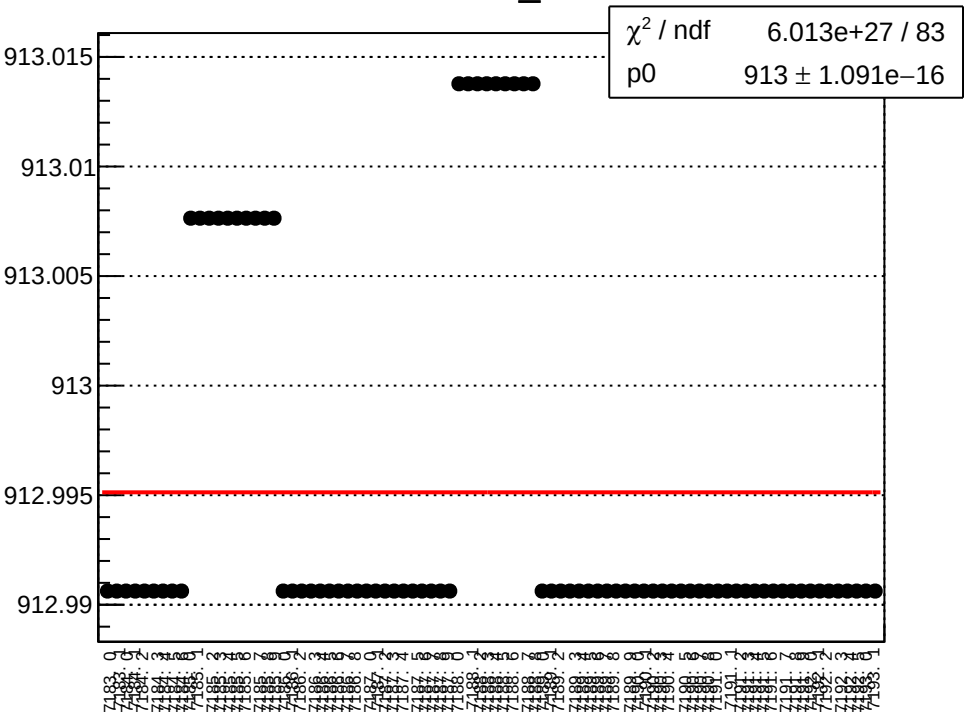
IGL1I00DI24_24M_mean vs run



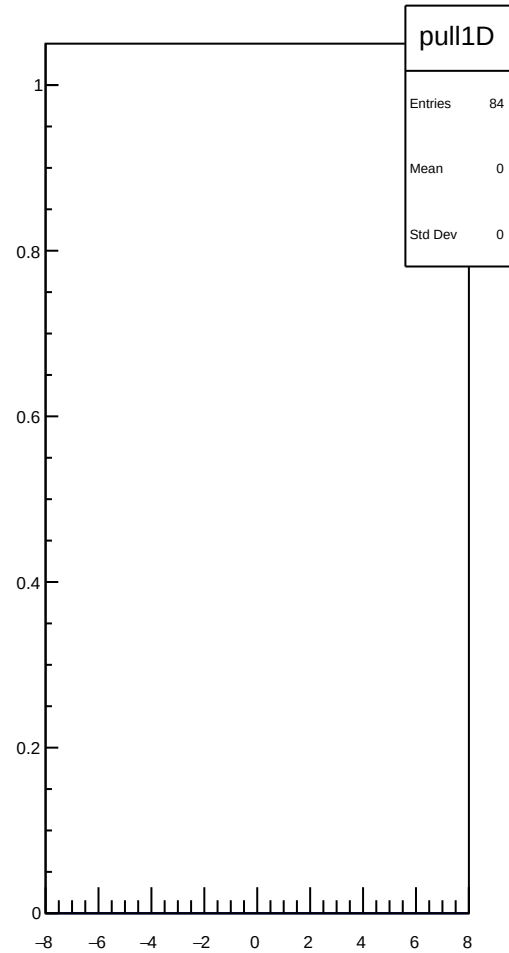
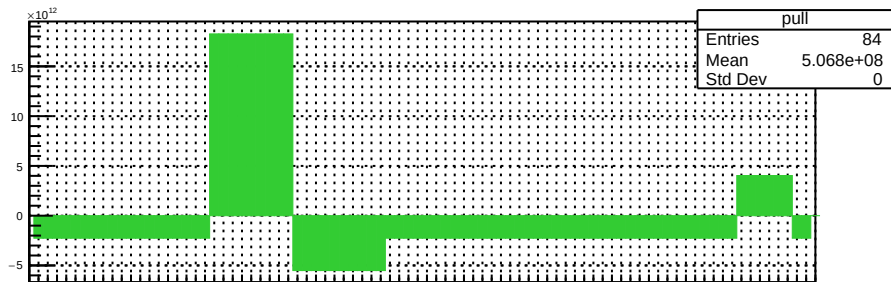
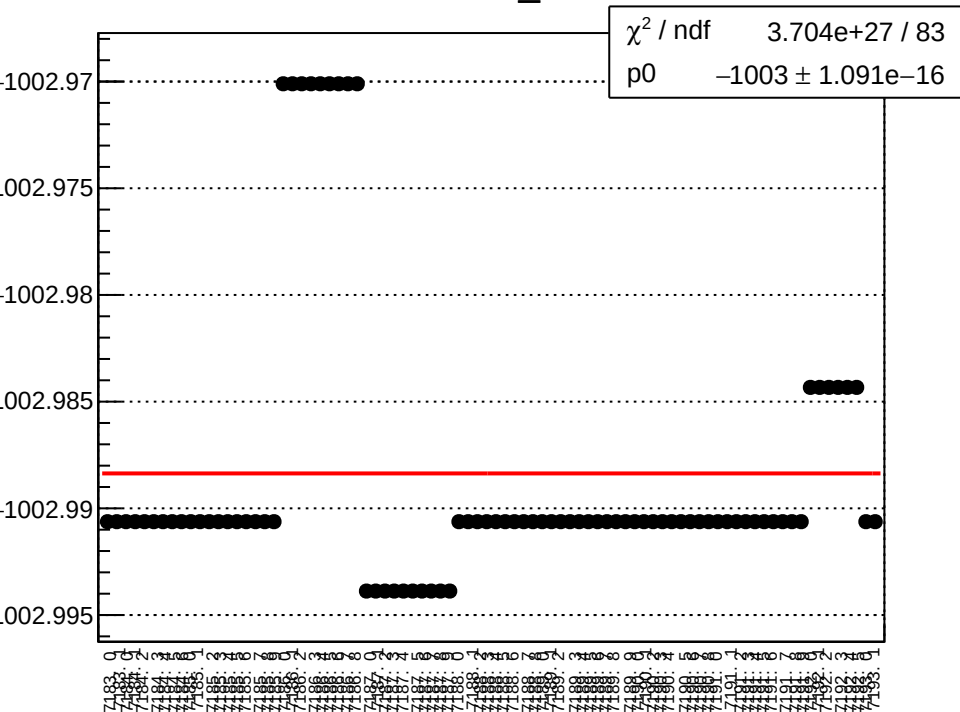
IGL1I00OD16_16_mean vs run



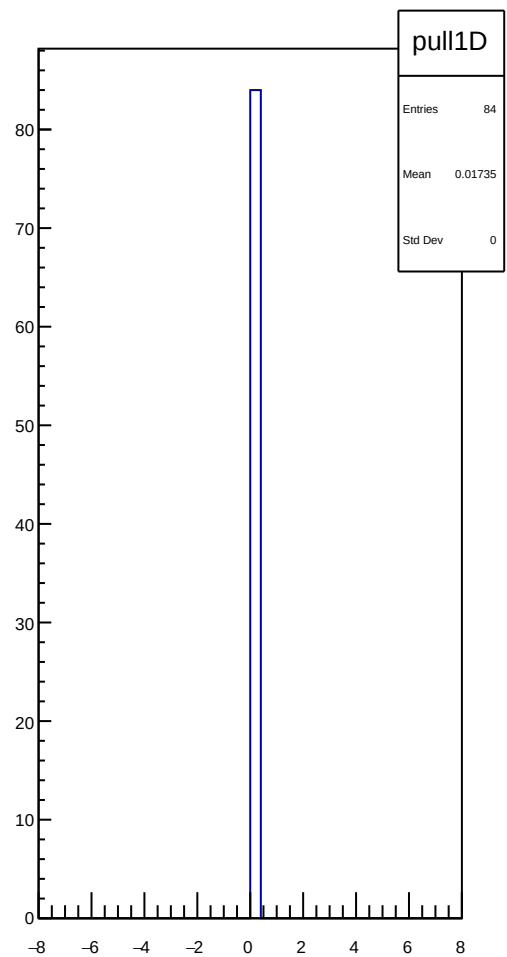
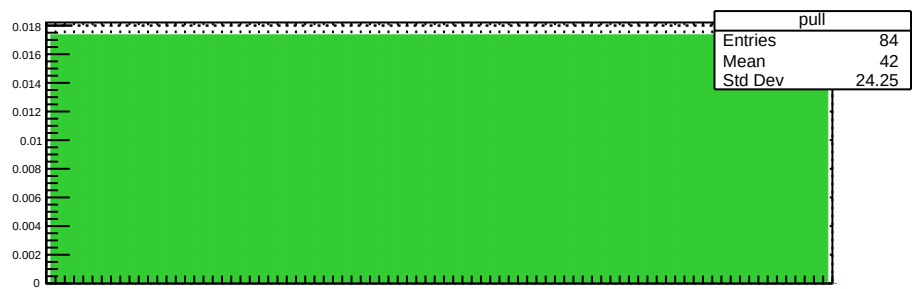
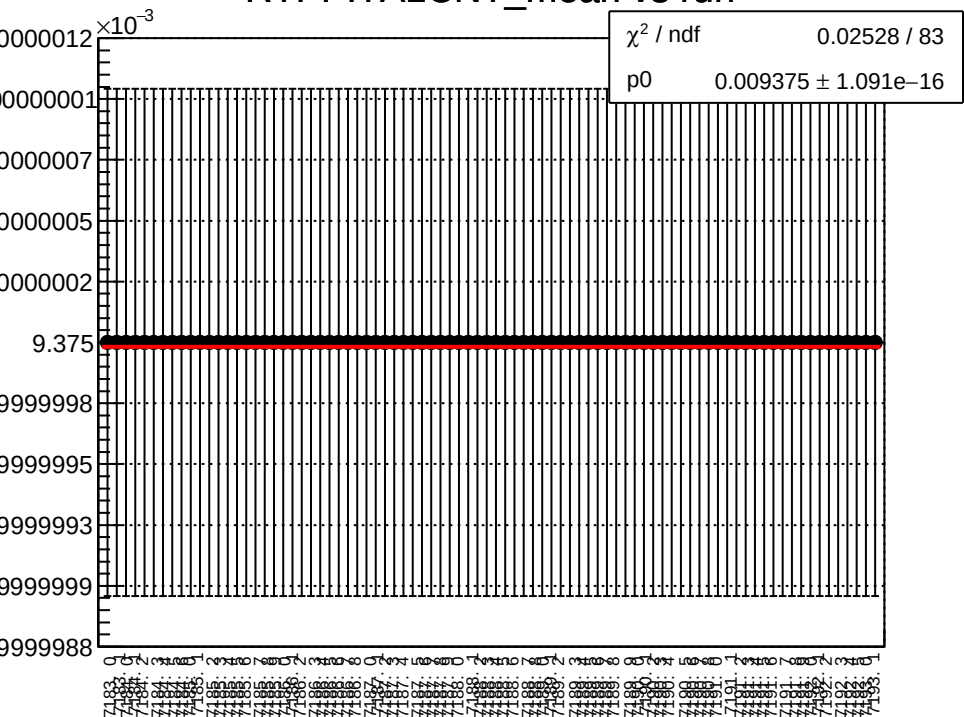
RTPAPOSUCNT_mean vs run



RTPAPOSVCNT_mean vs run



RTPPITA1CNT_mean vs run



RTPPITA2CNT_mean vs run

