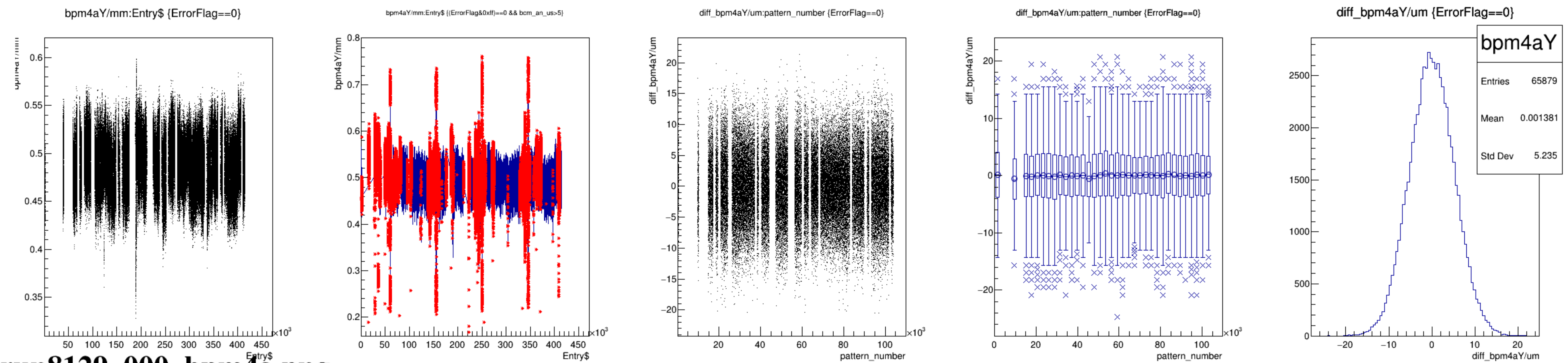
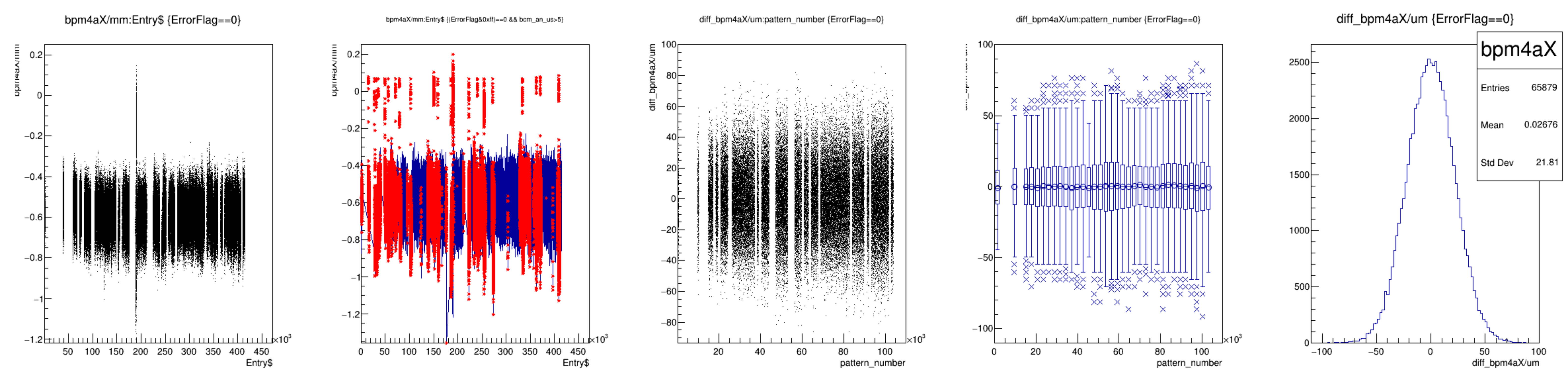
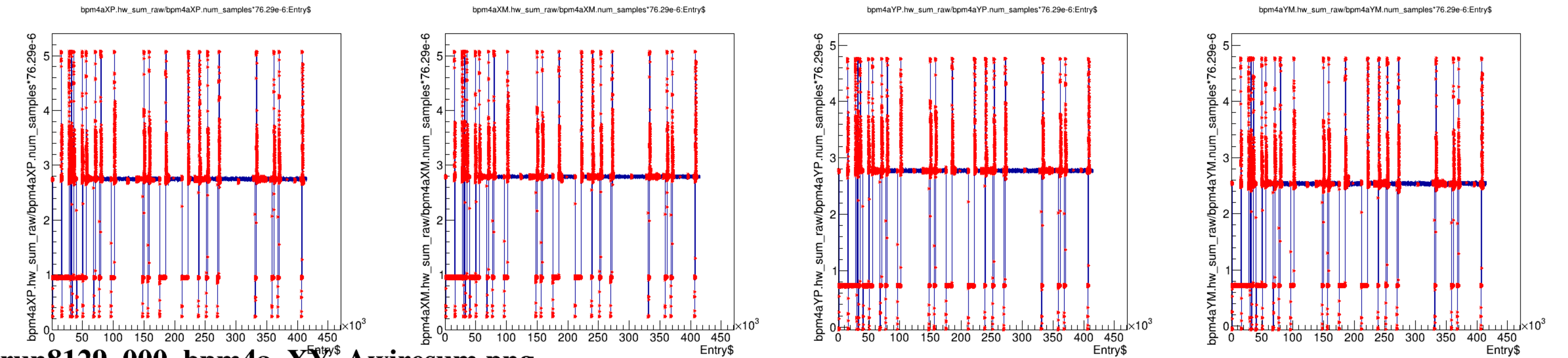
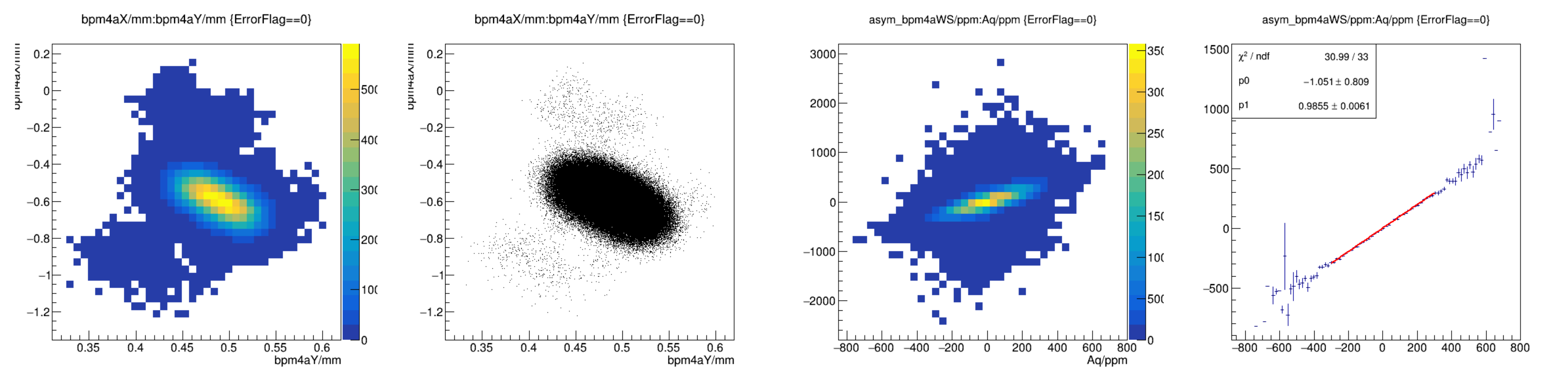
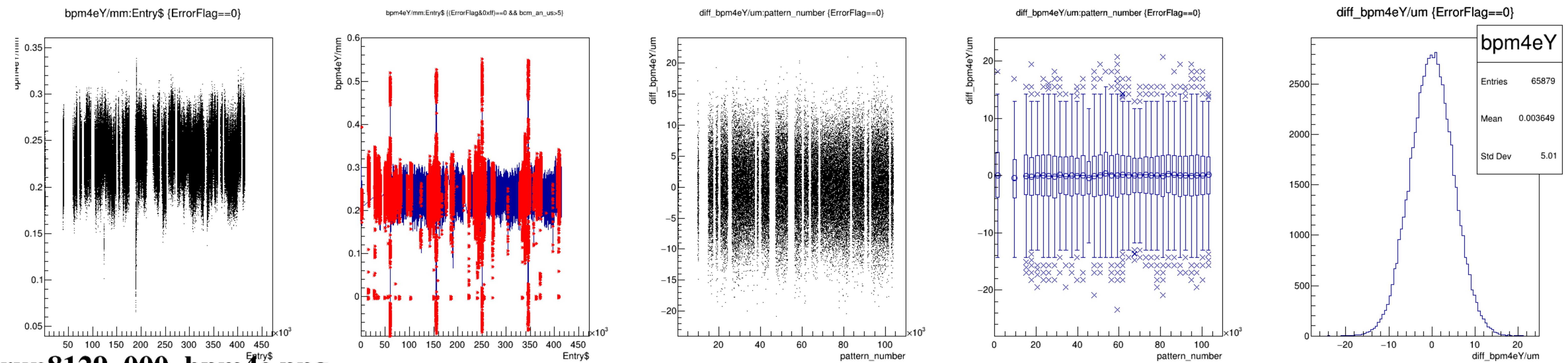
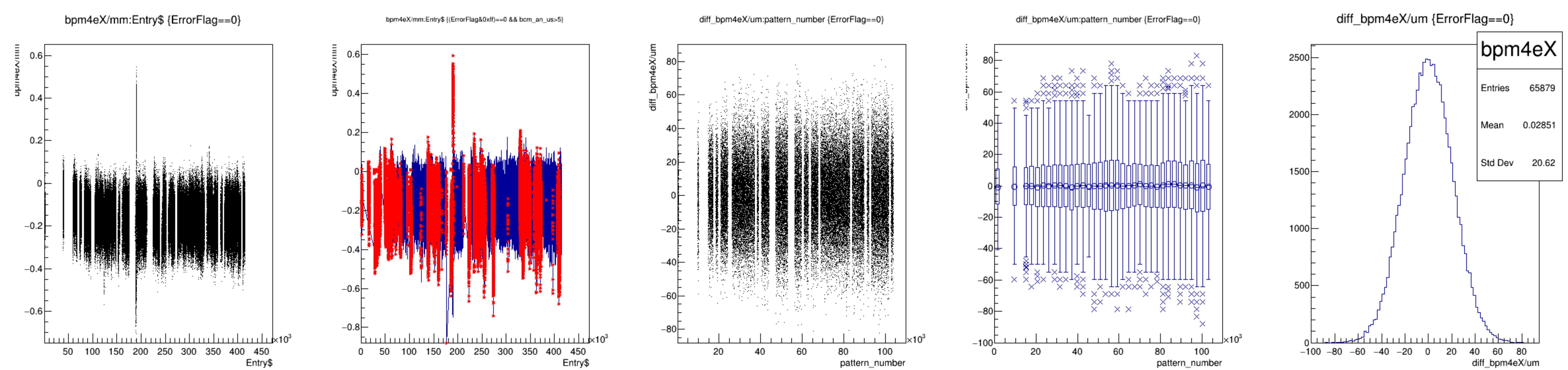
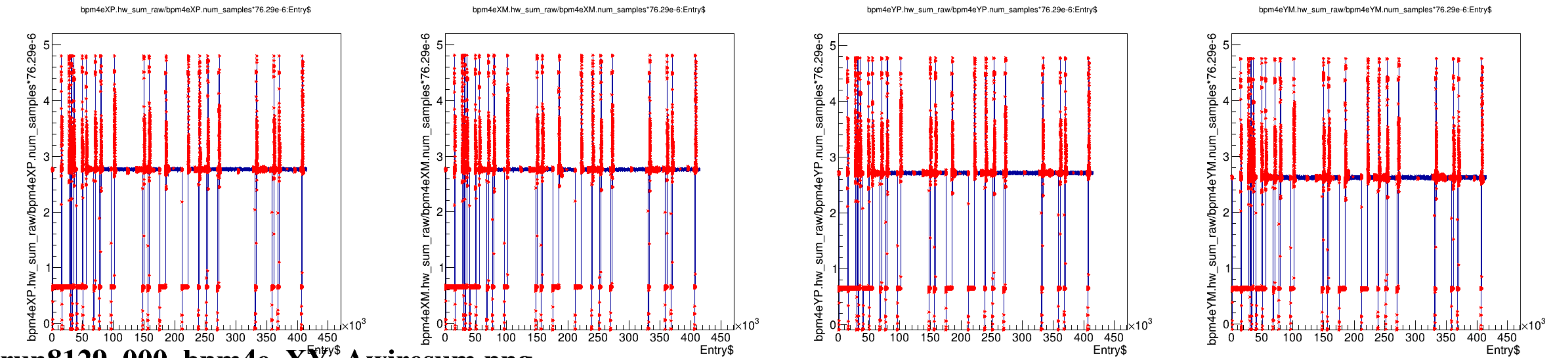
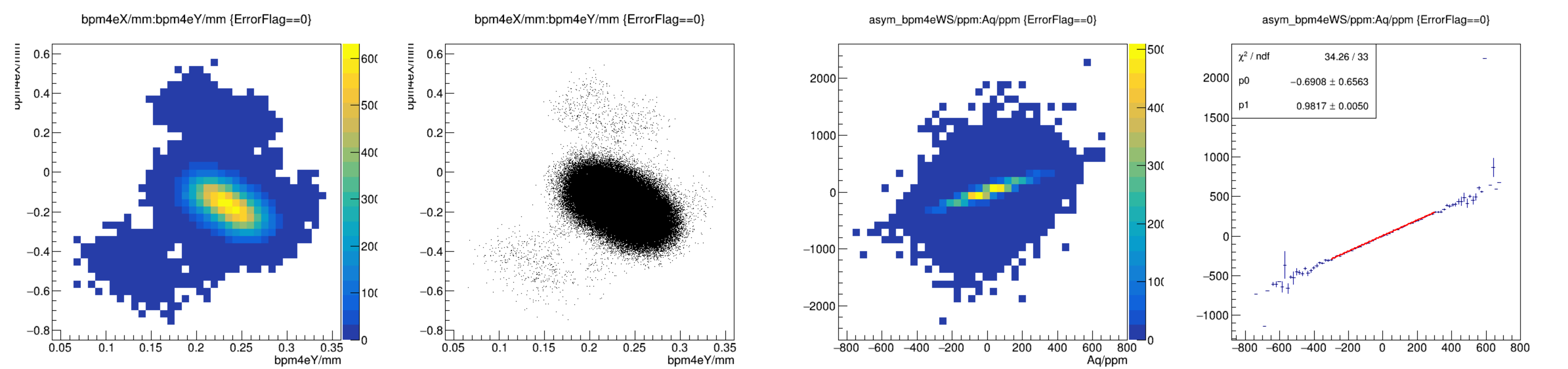
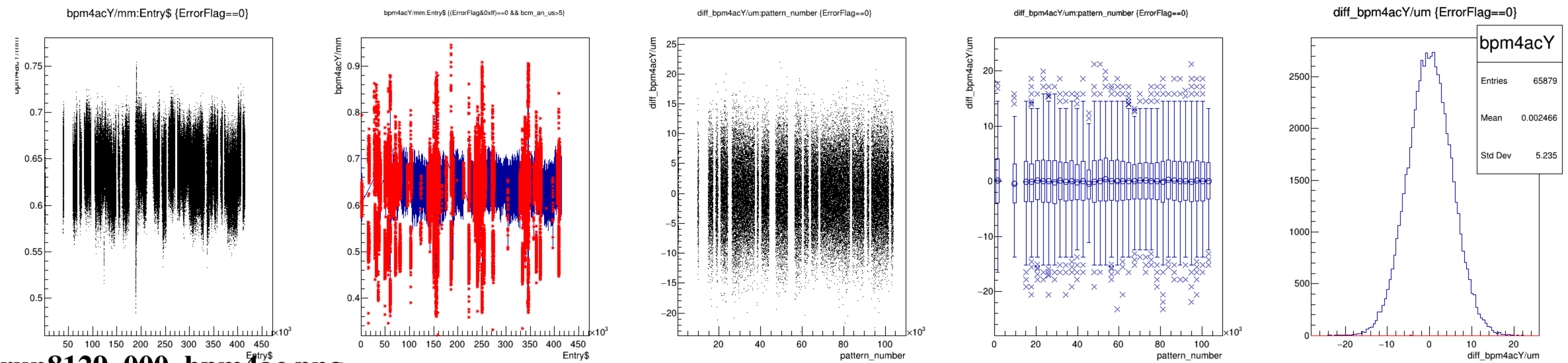
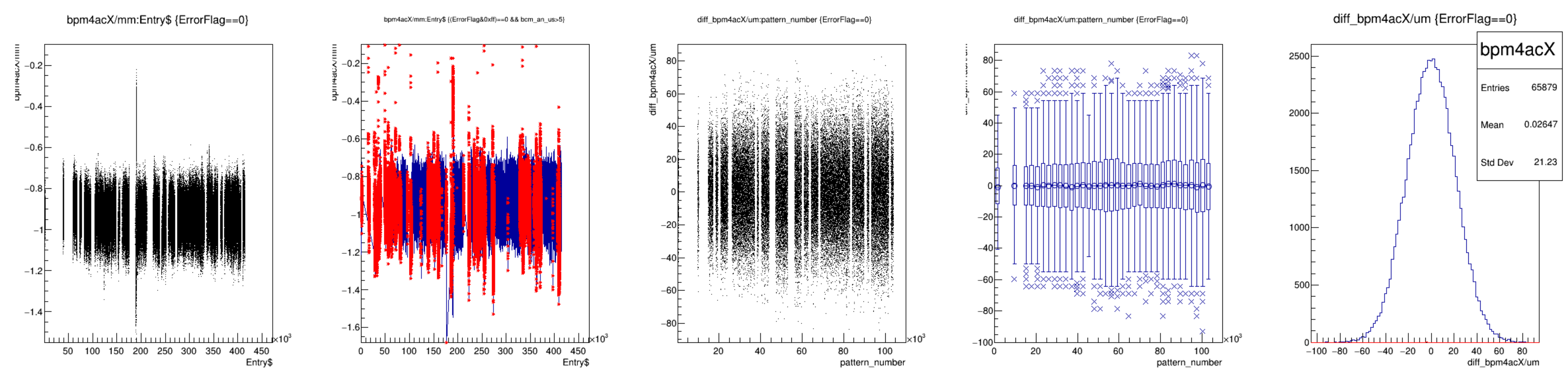


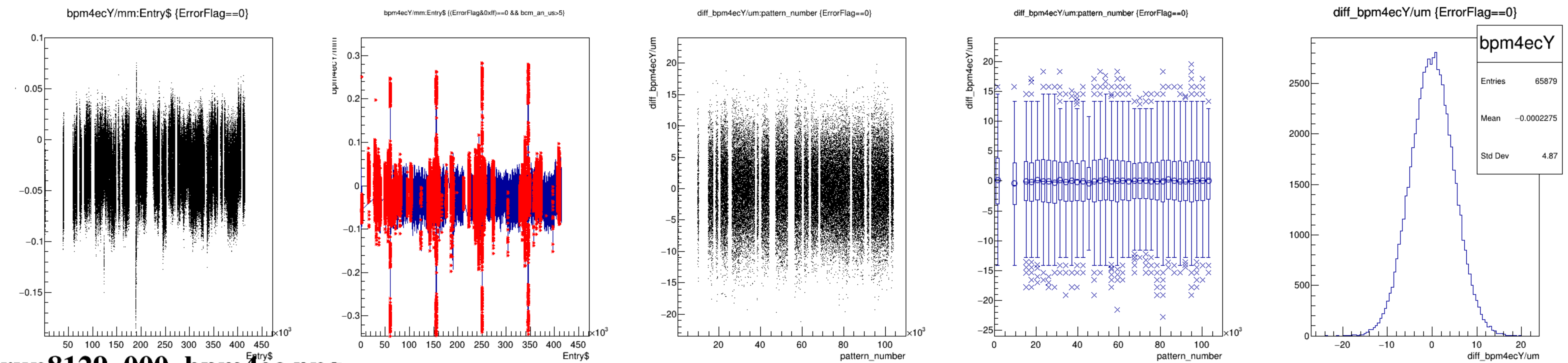
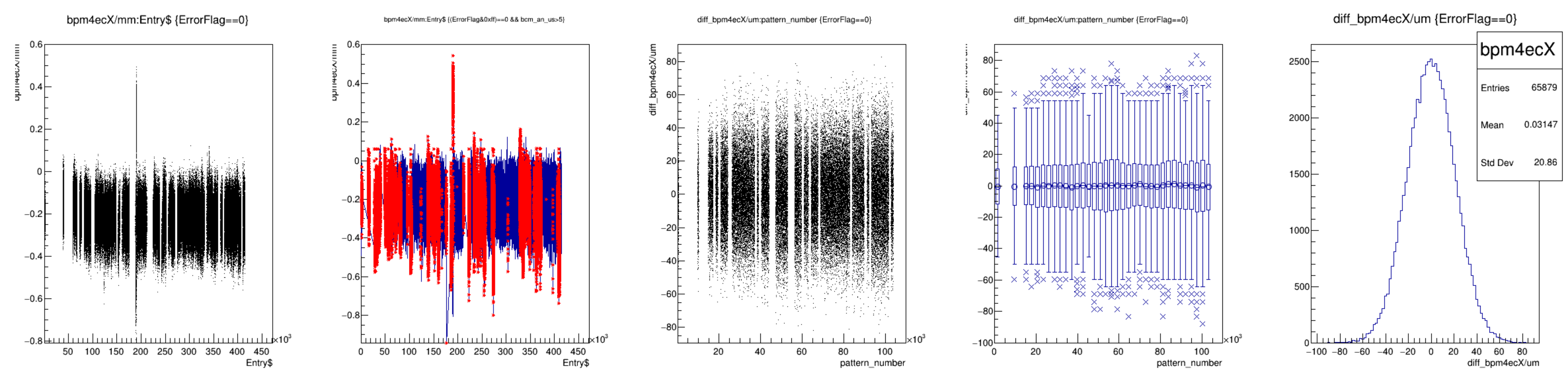


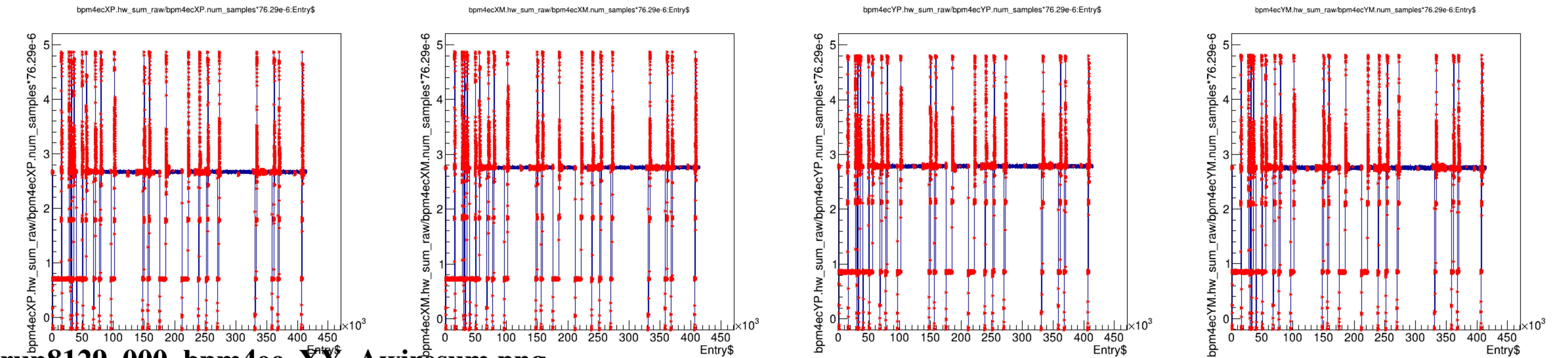
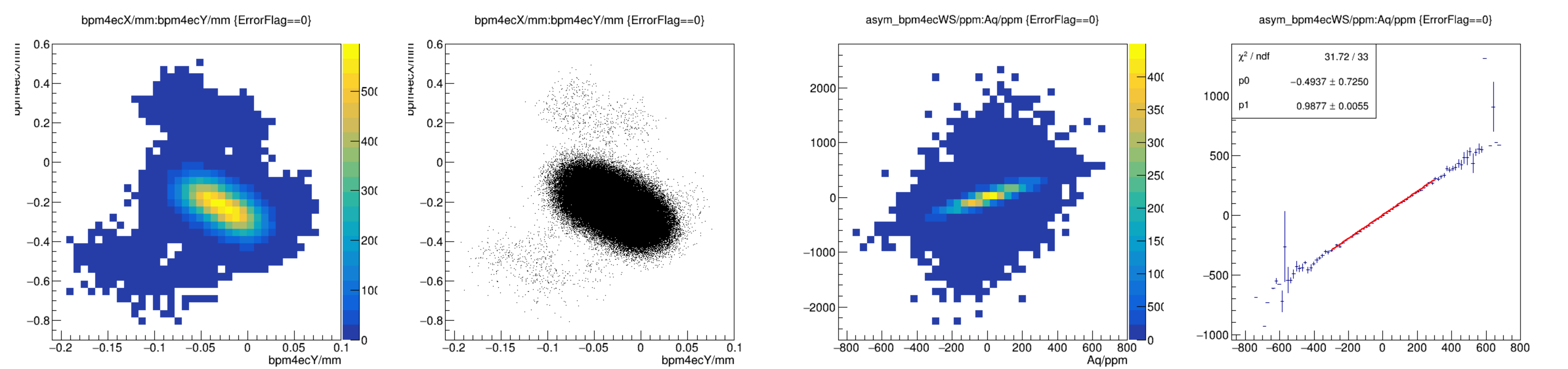


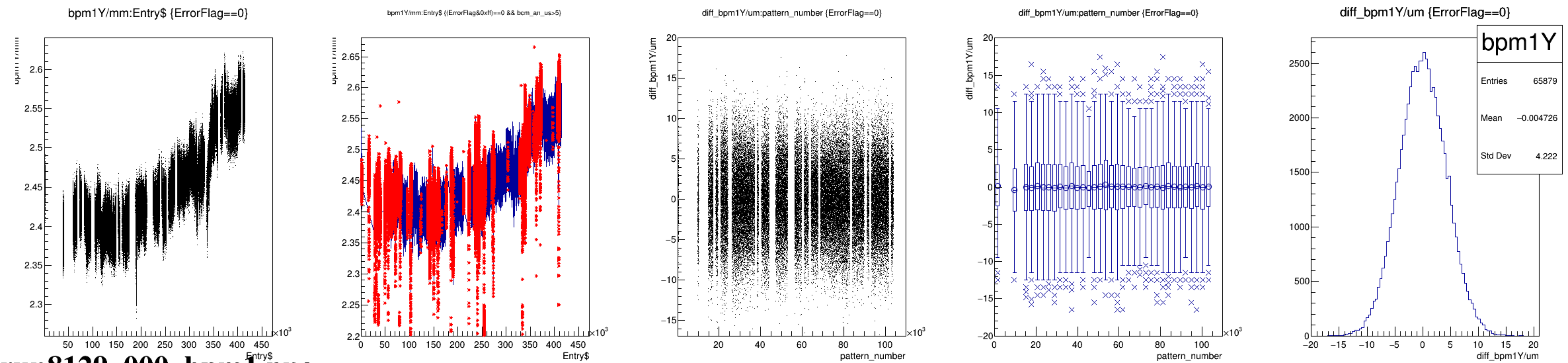
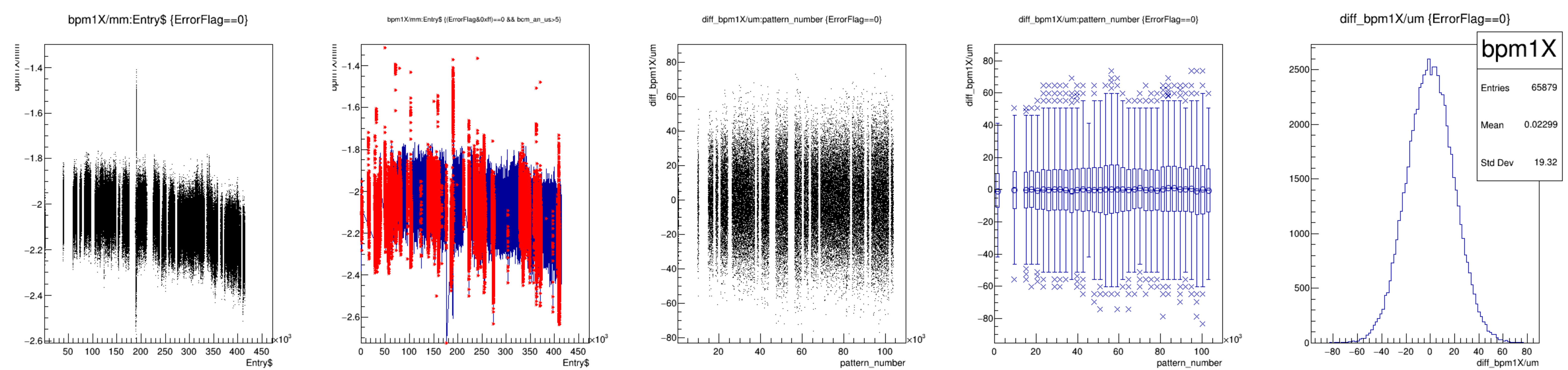




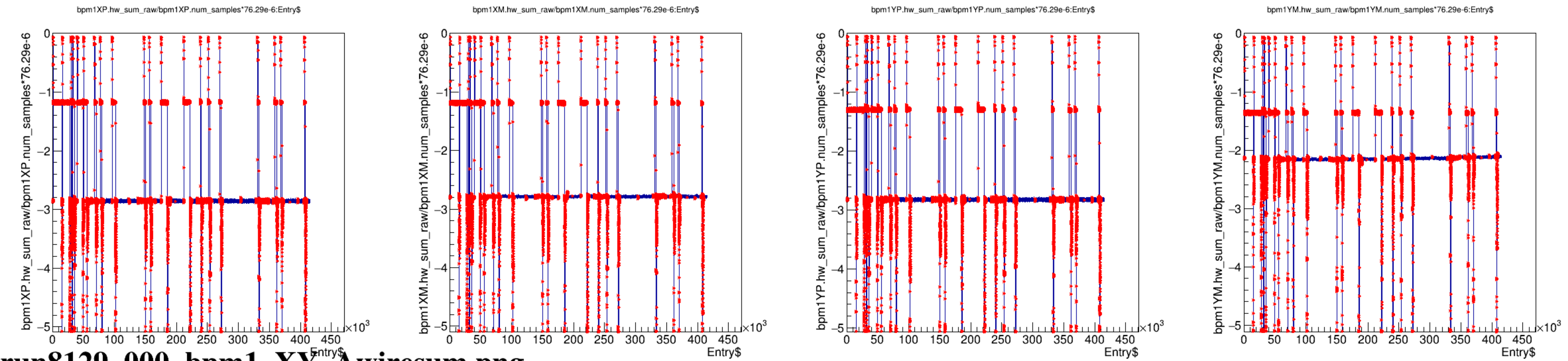
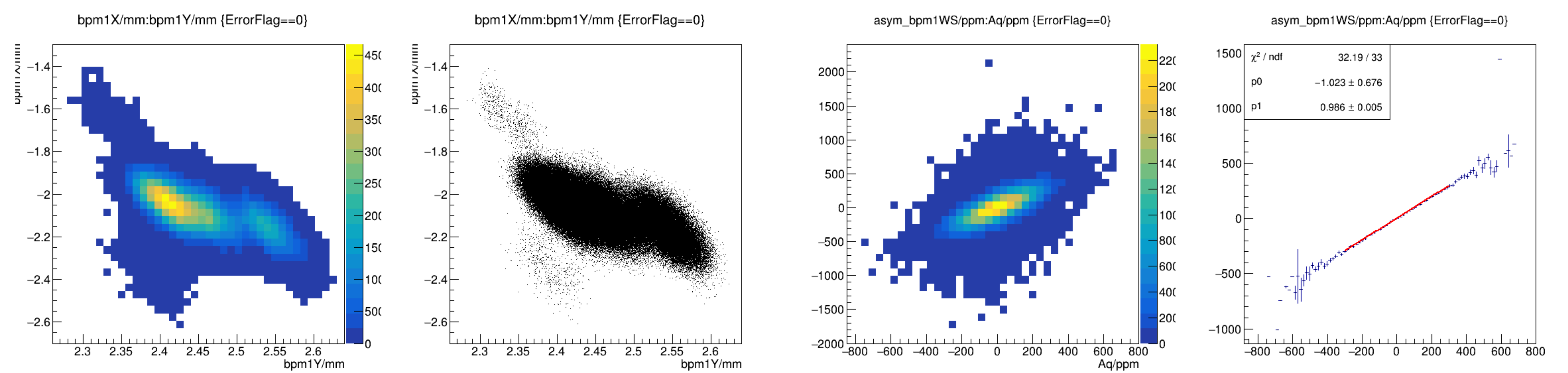


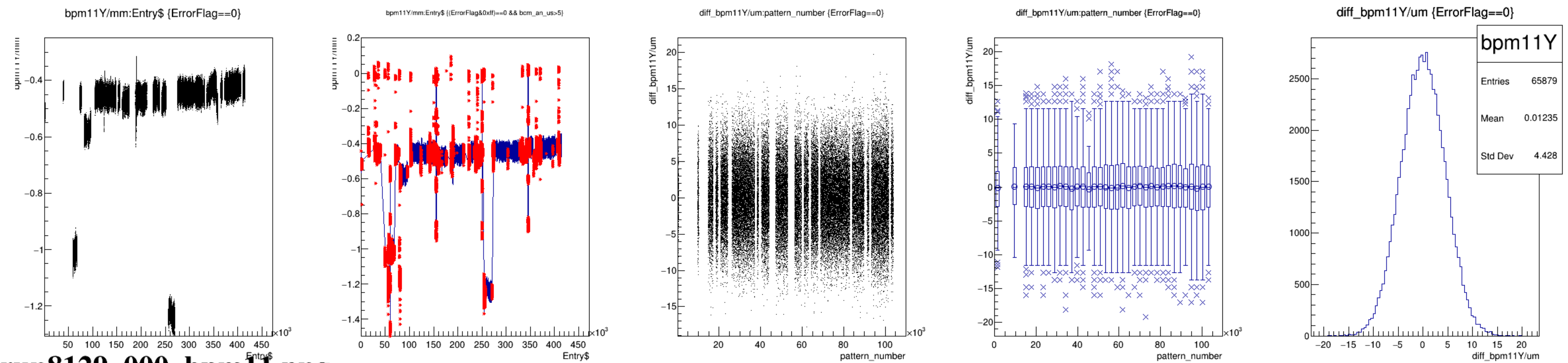
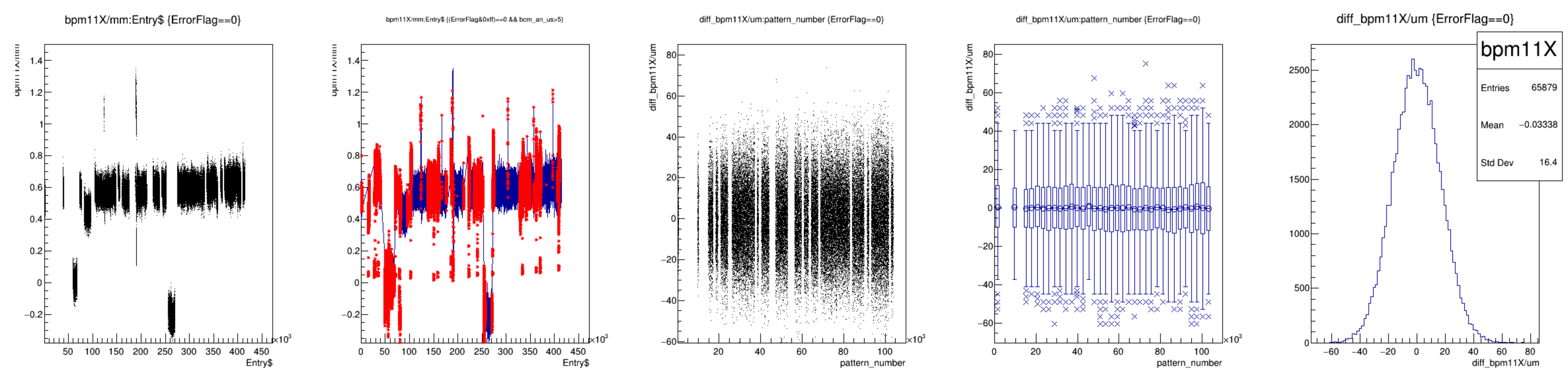


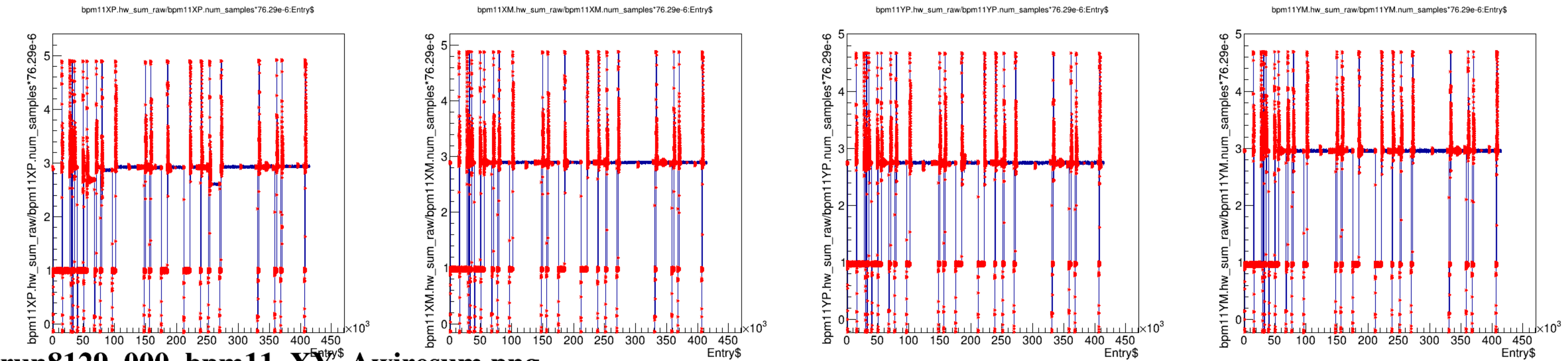
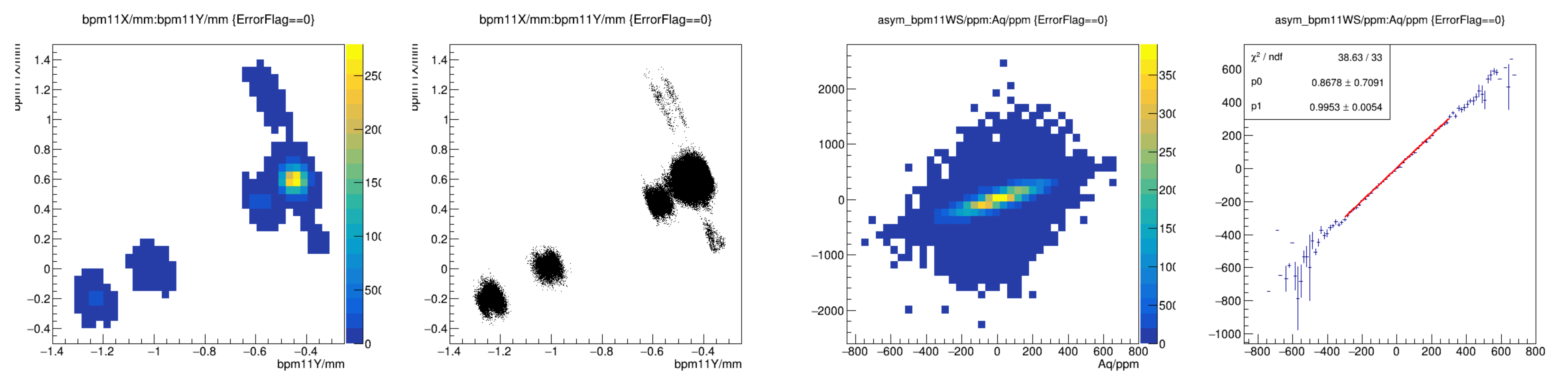


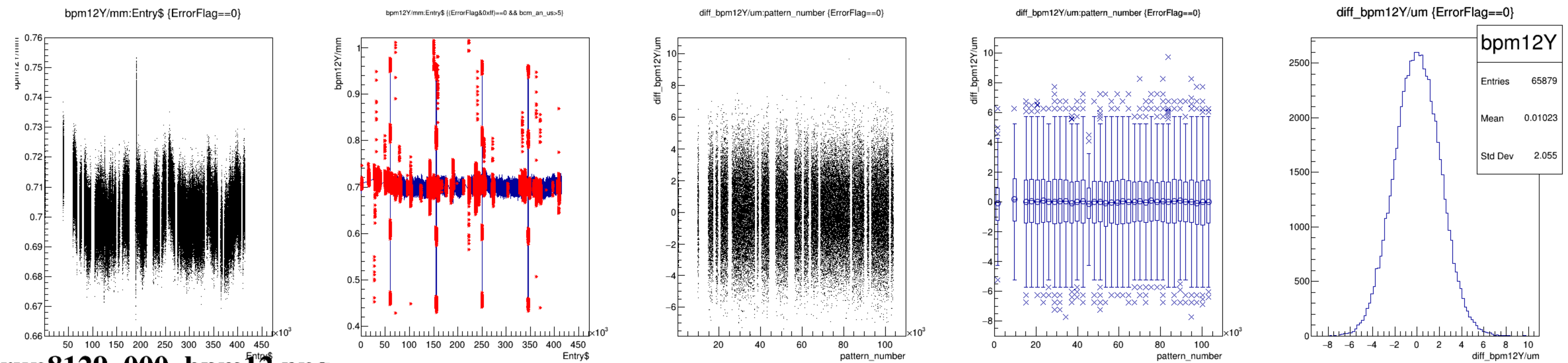
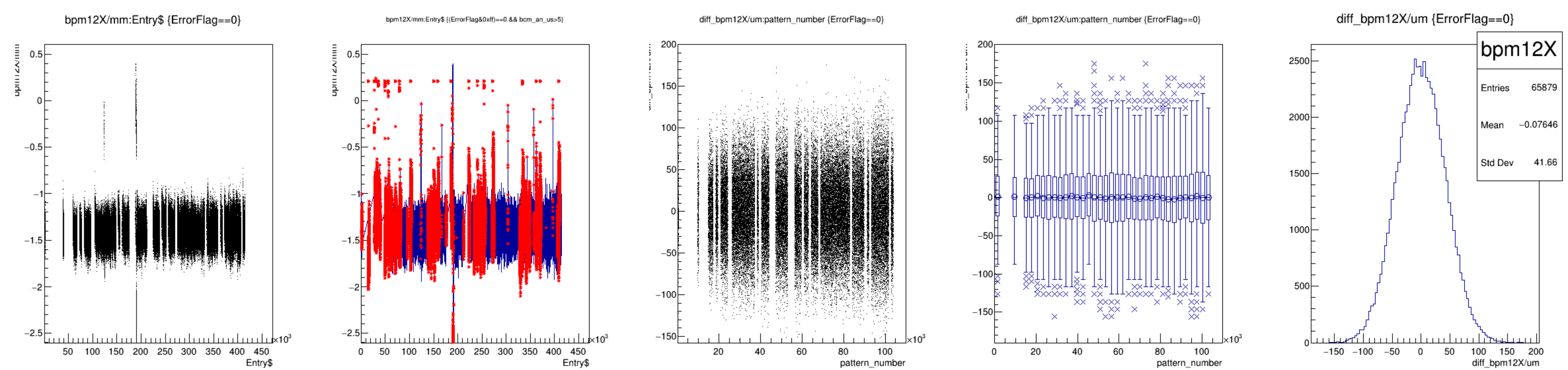


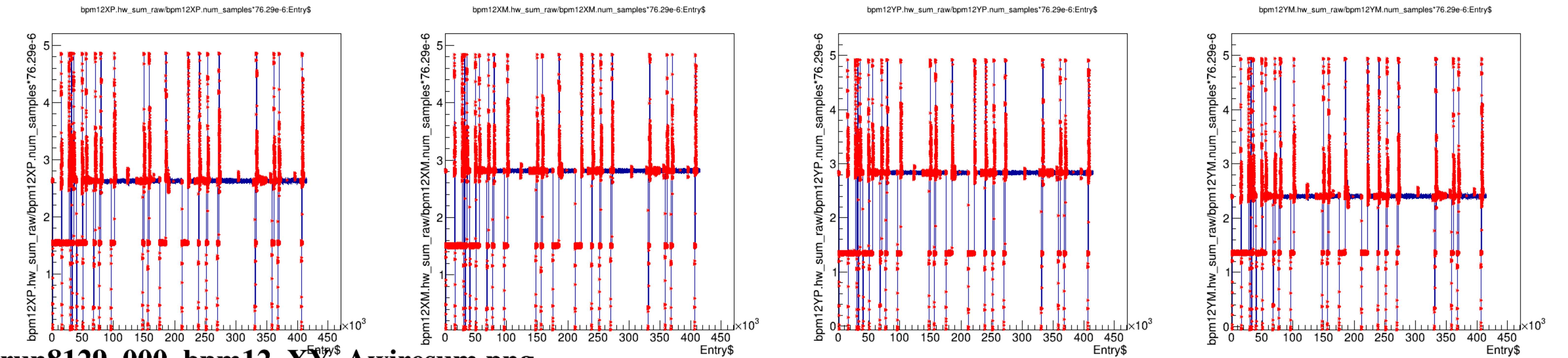
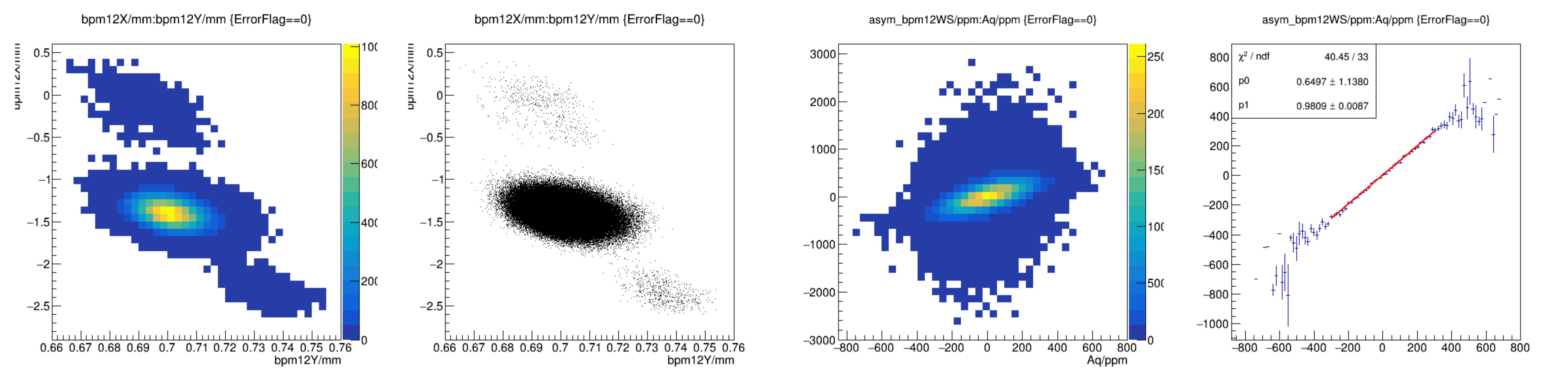
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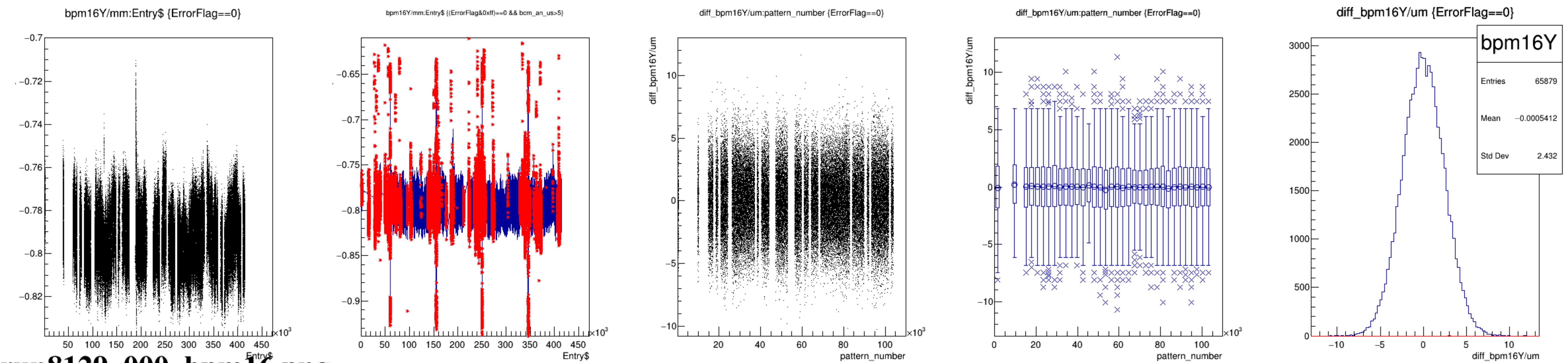
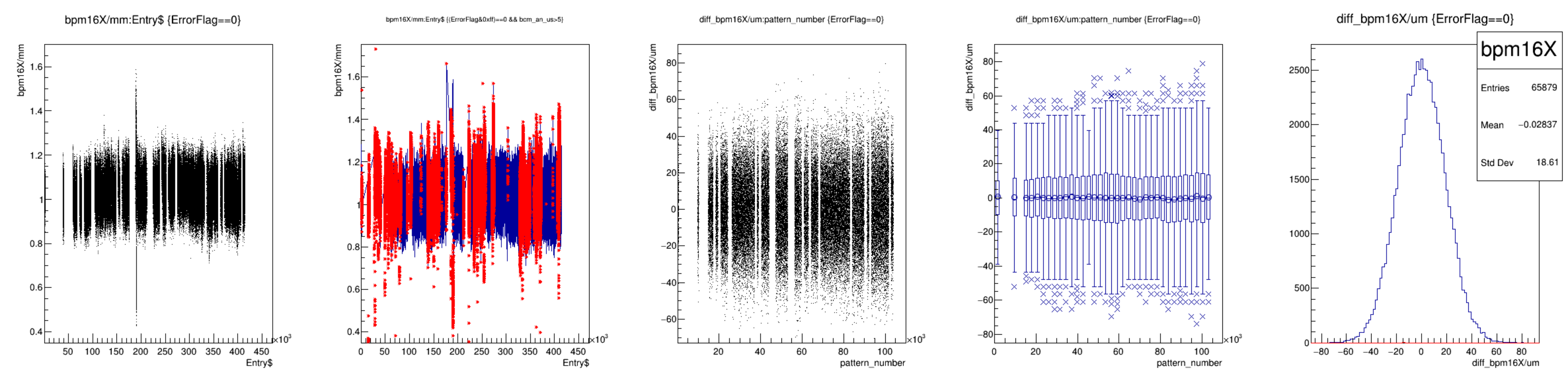


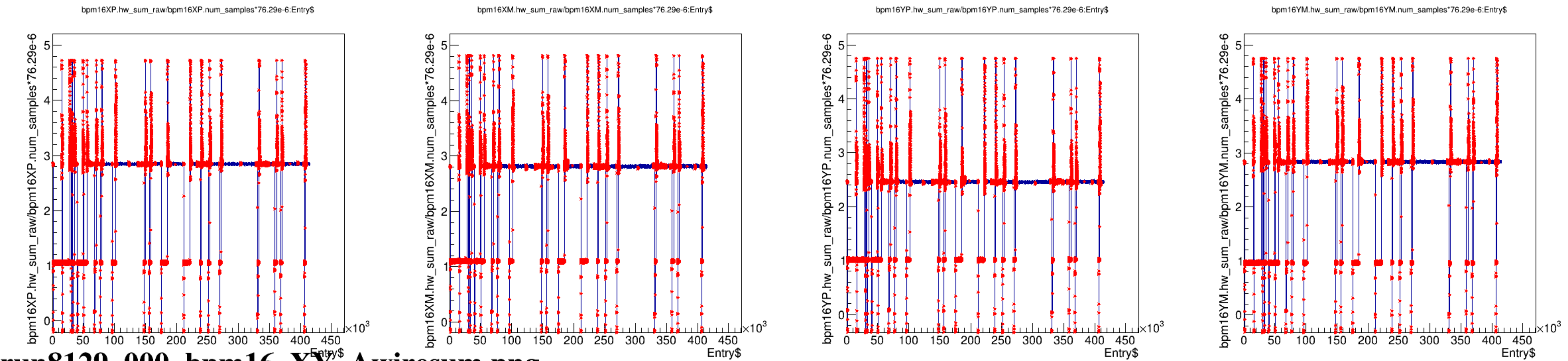
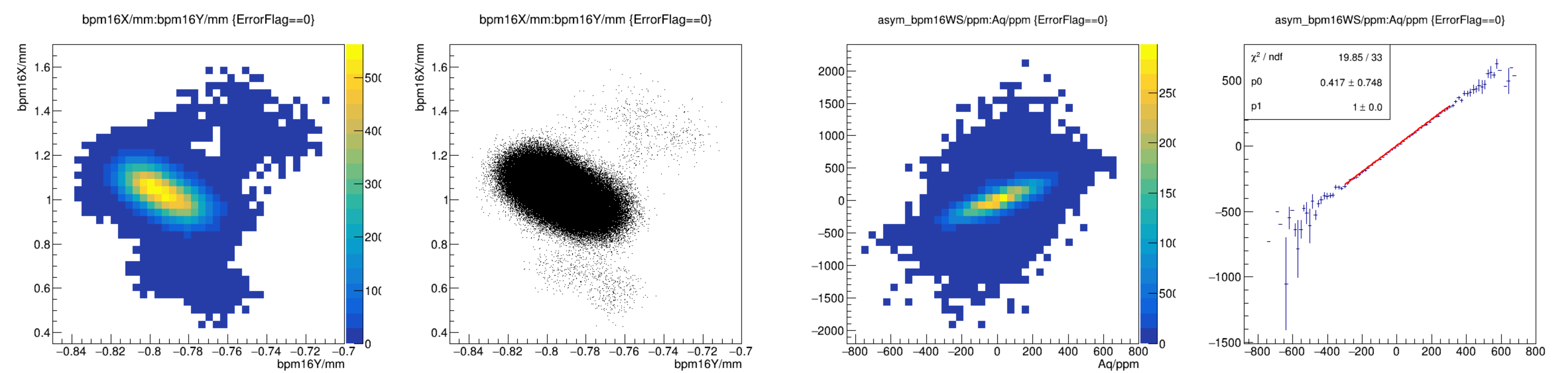


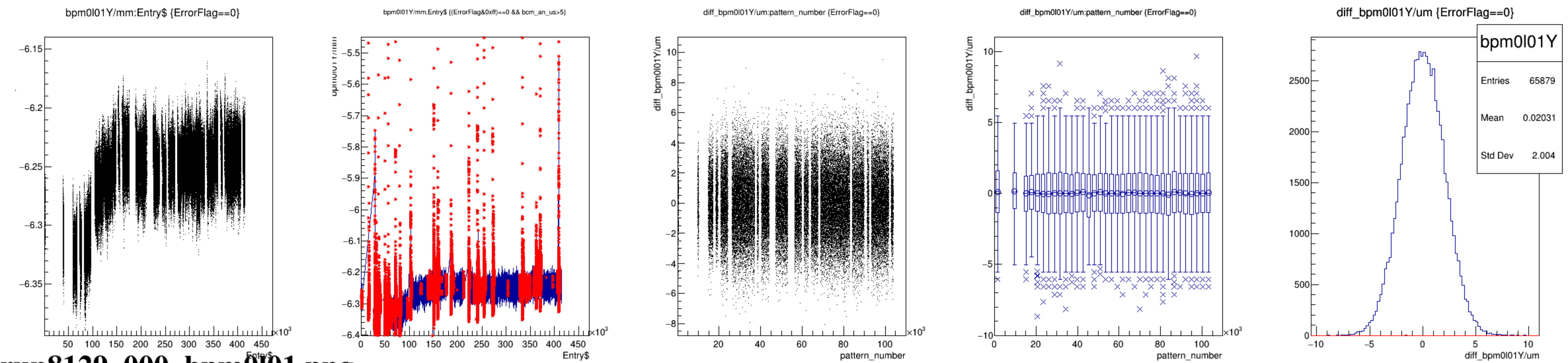
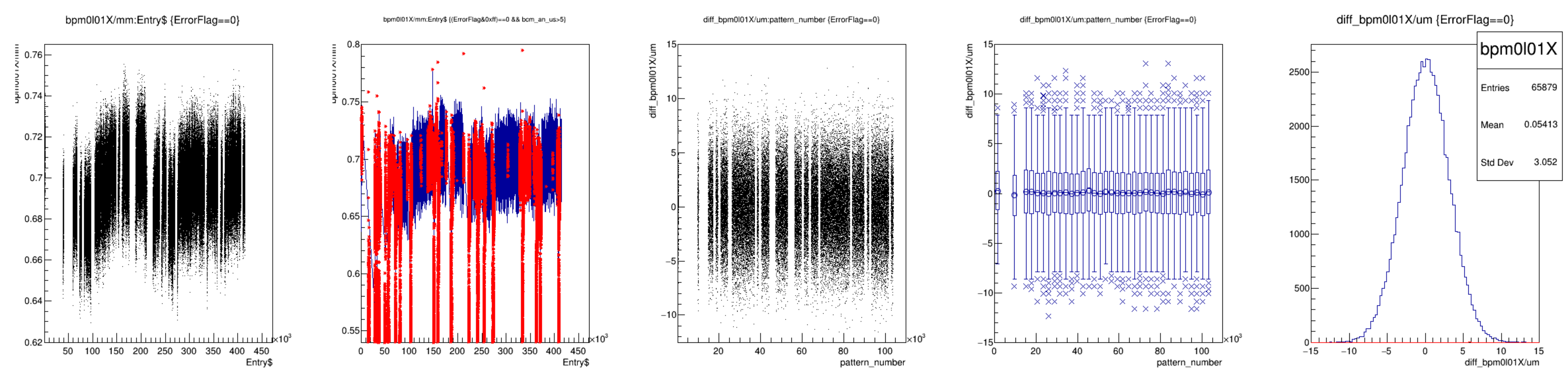


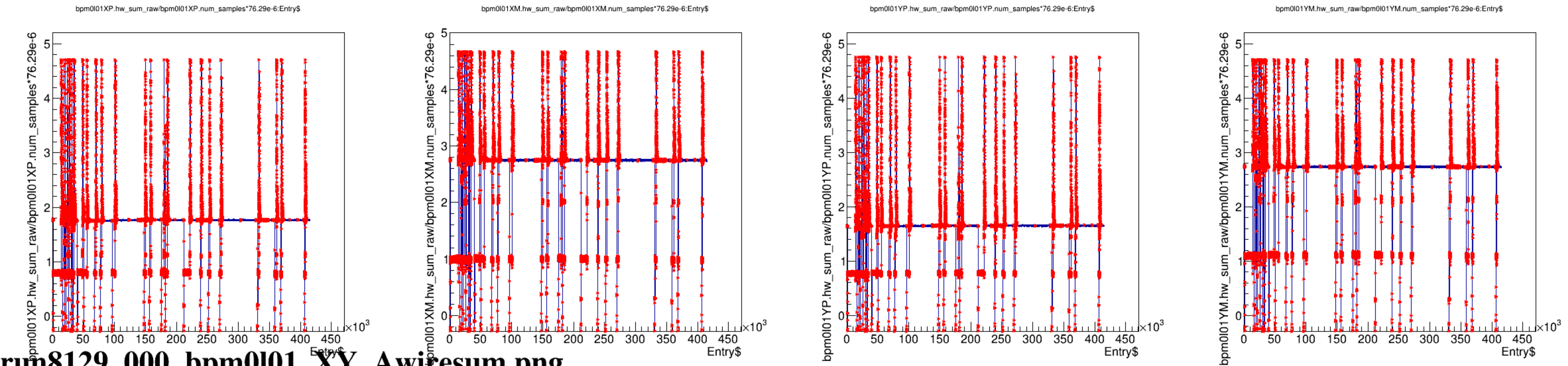
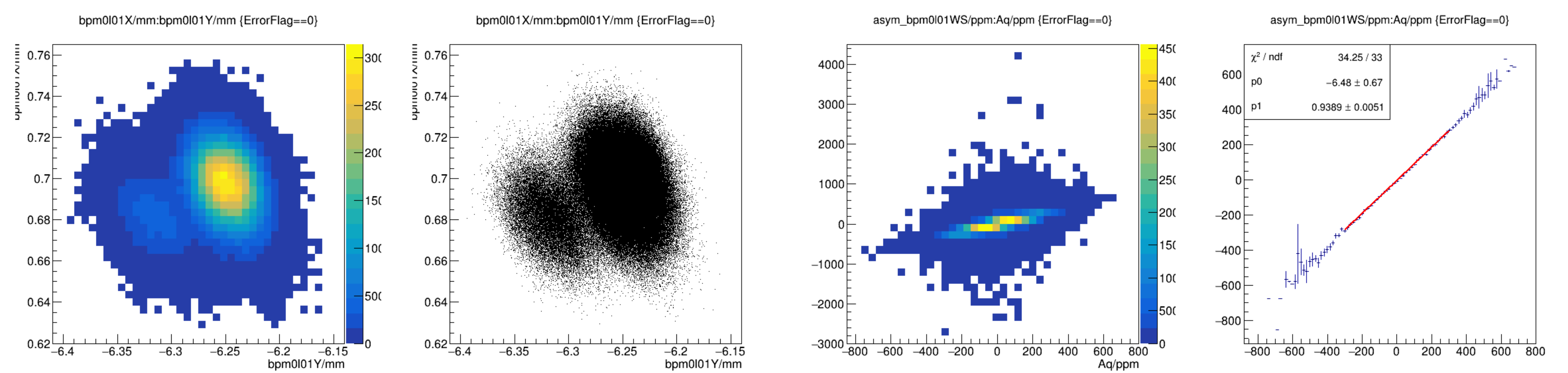




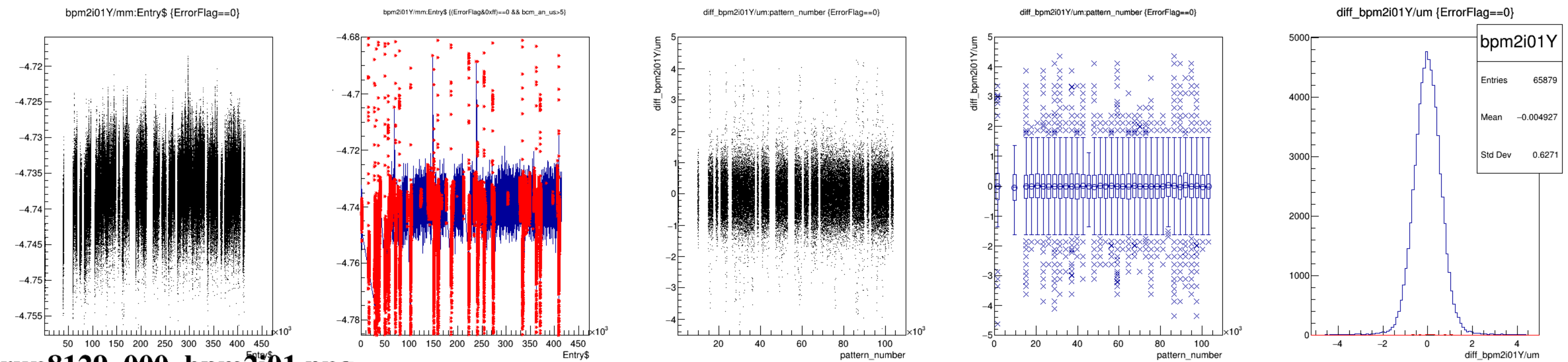
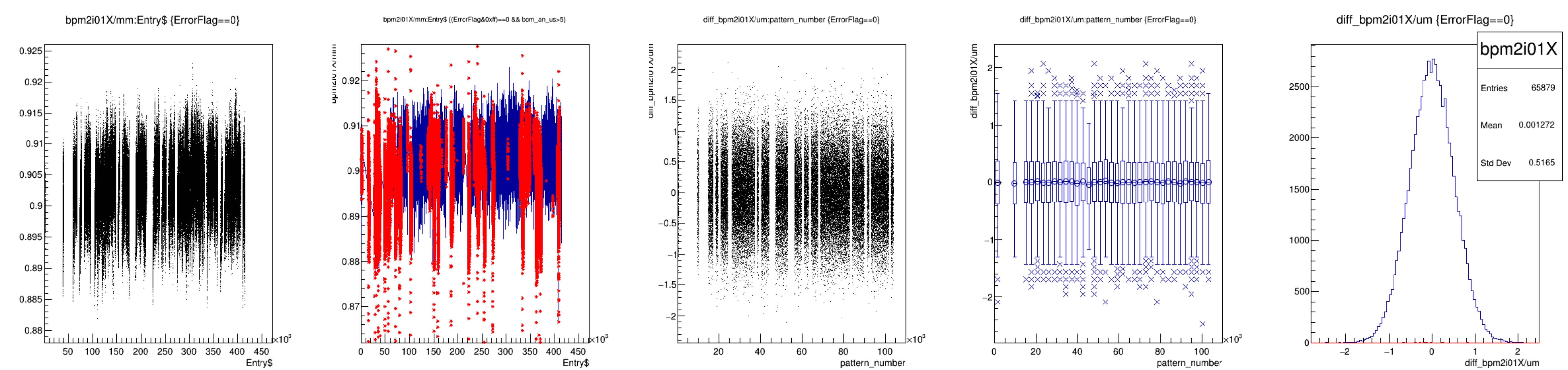


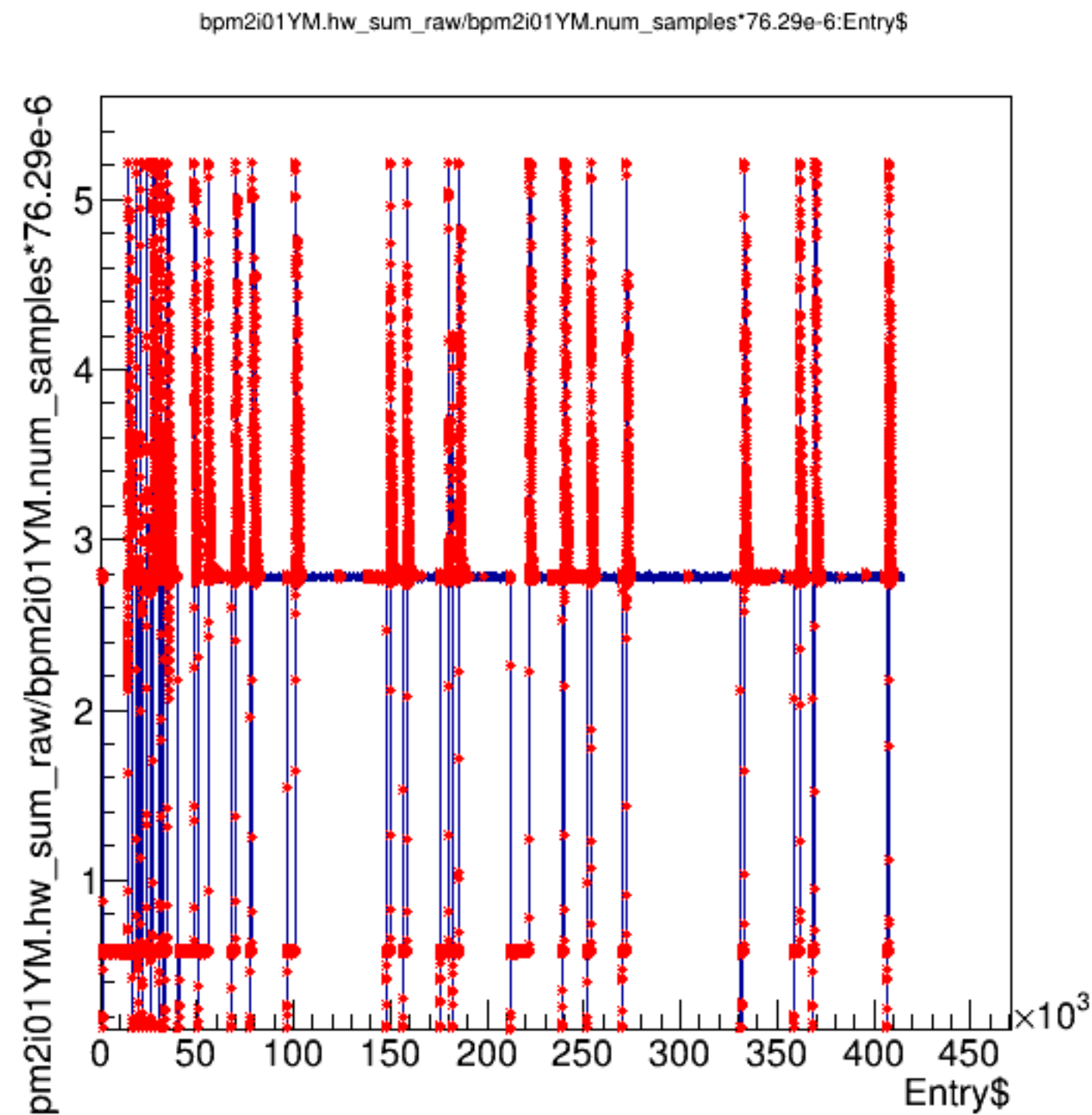
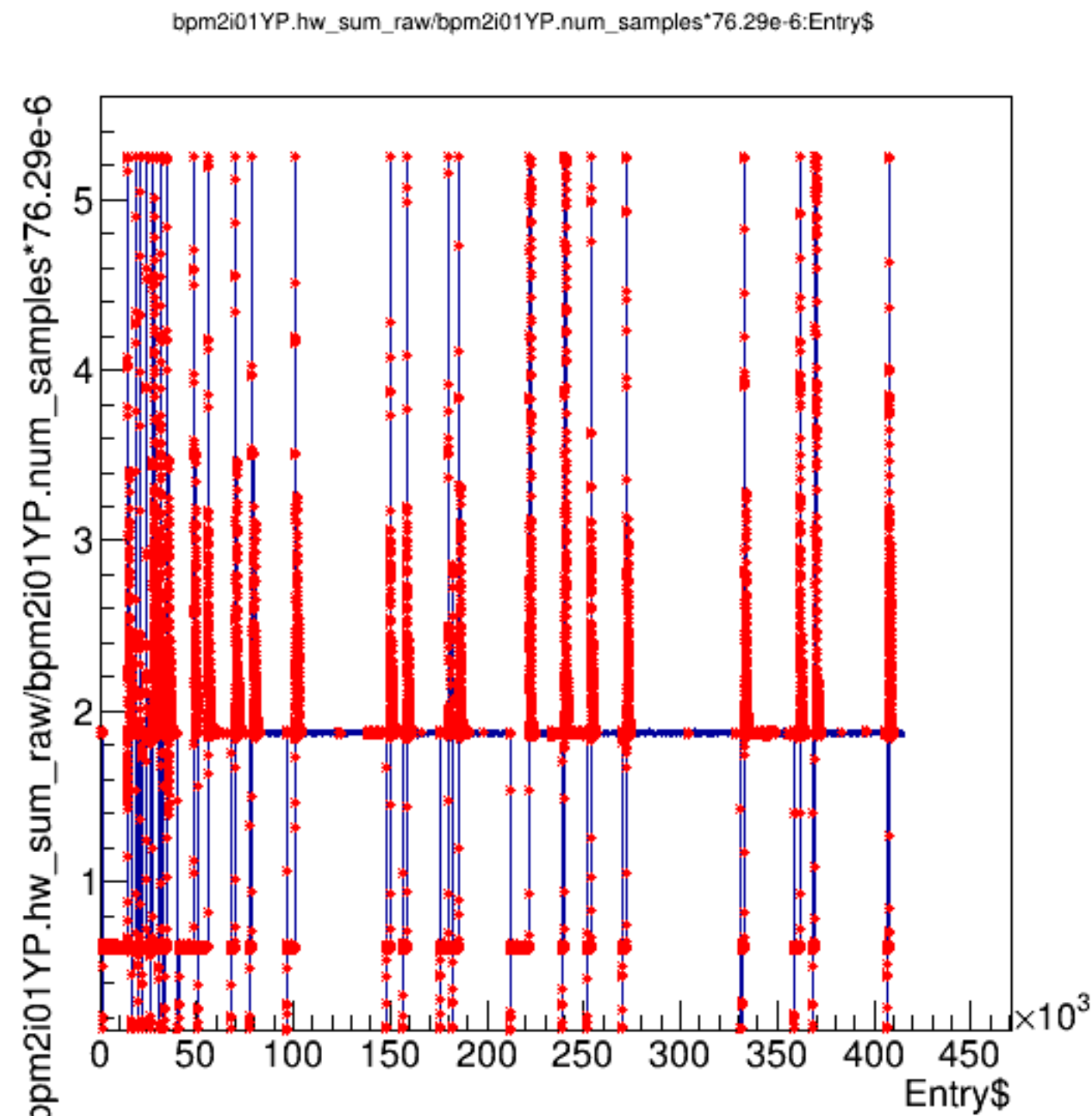
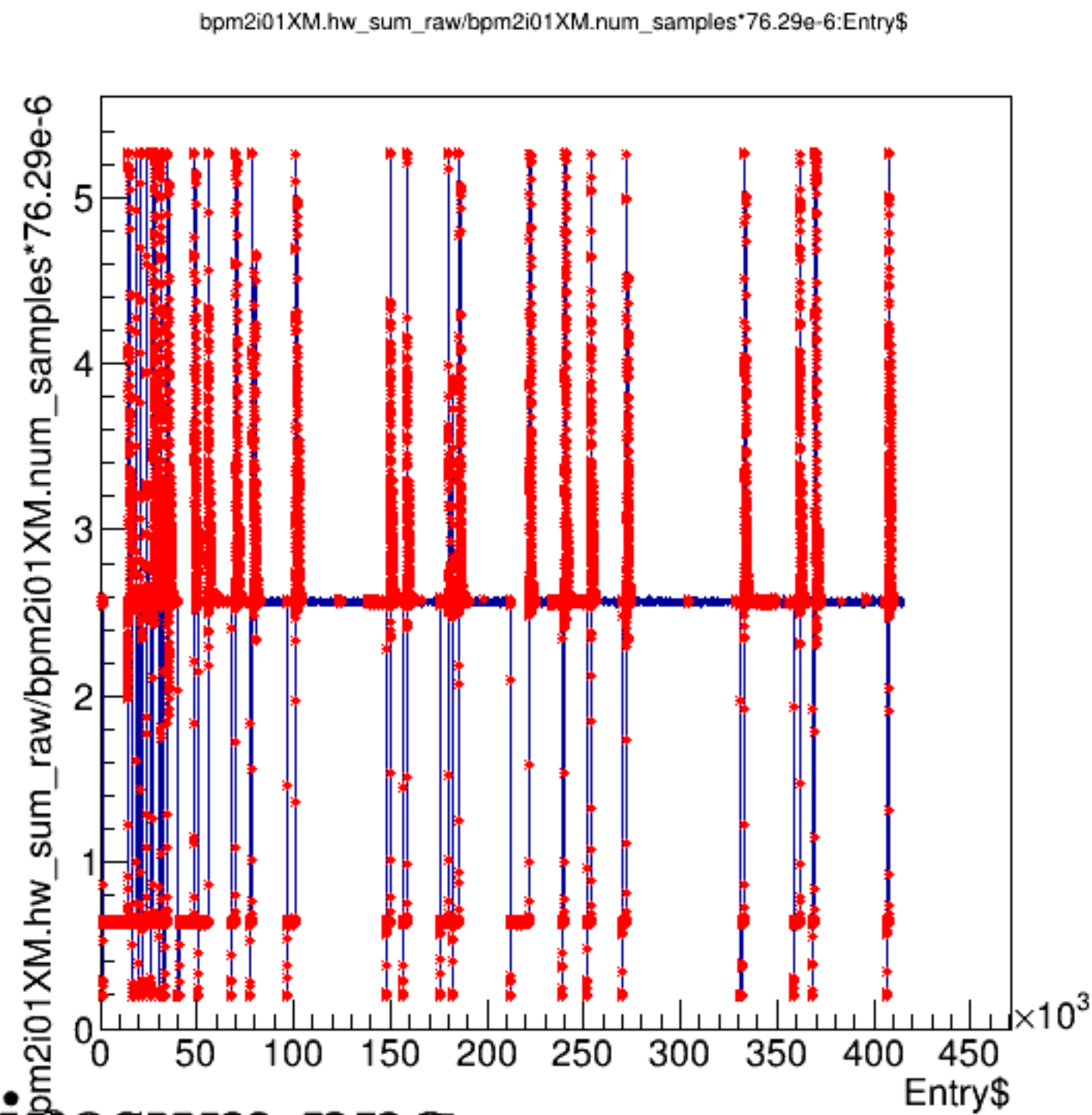
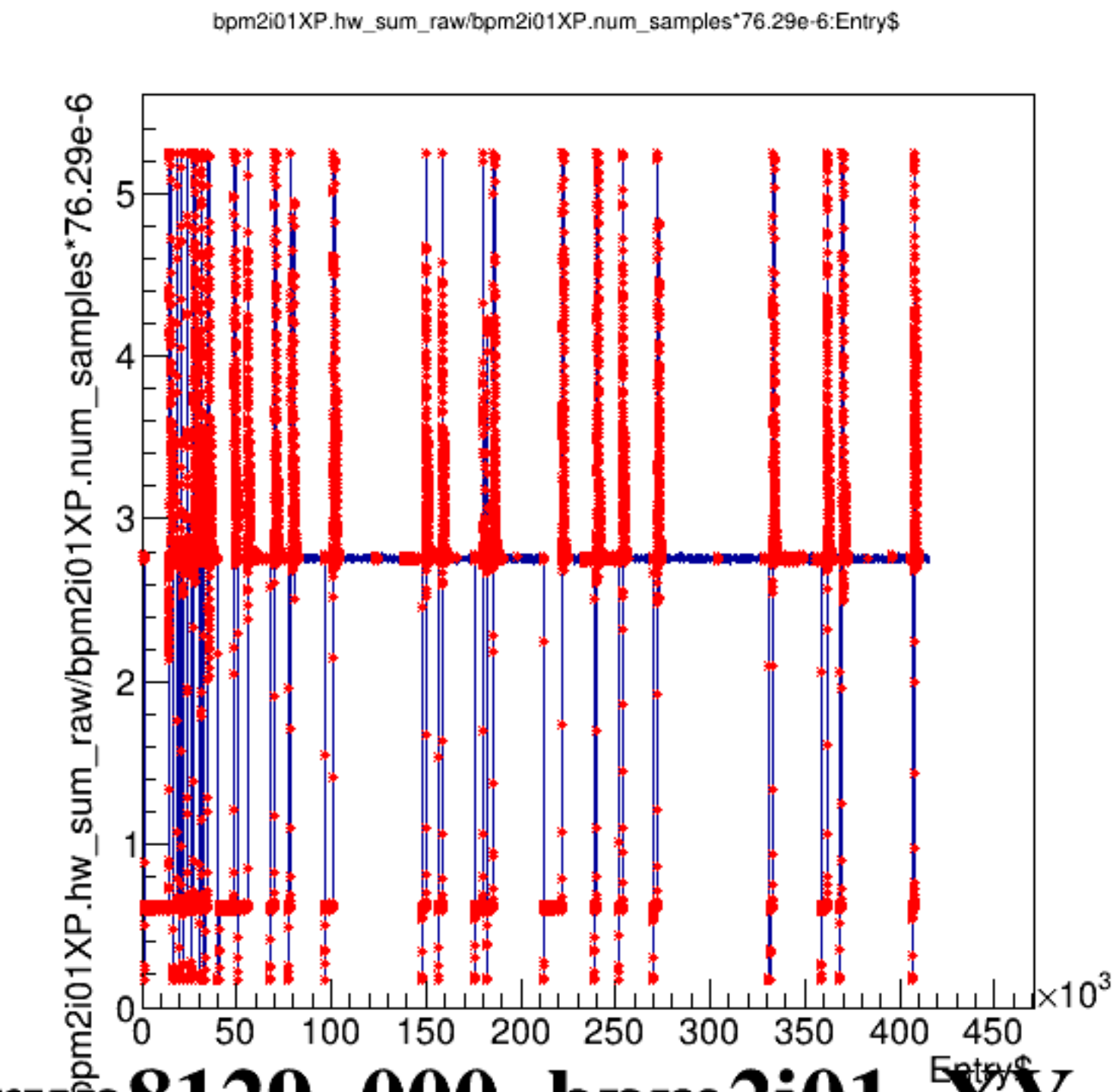
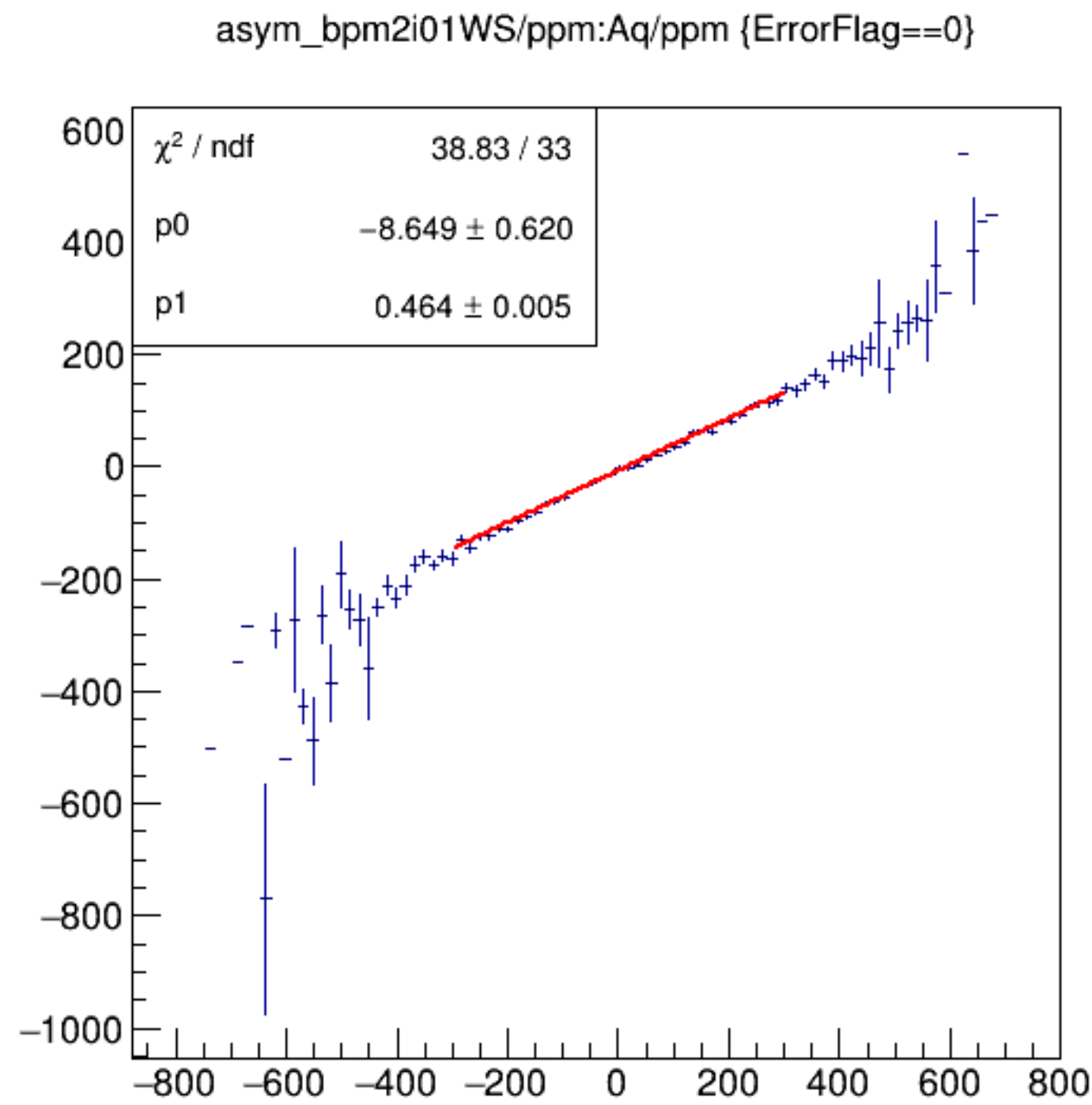
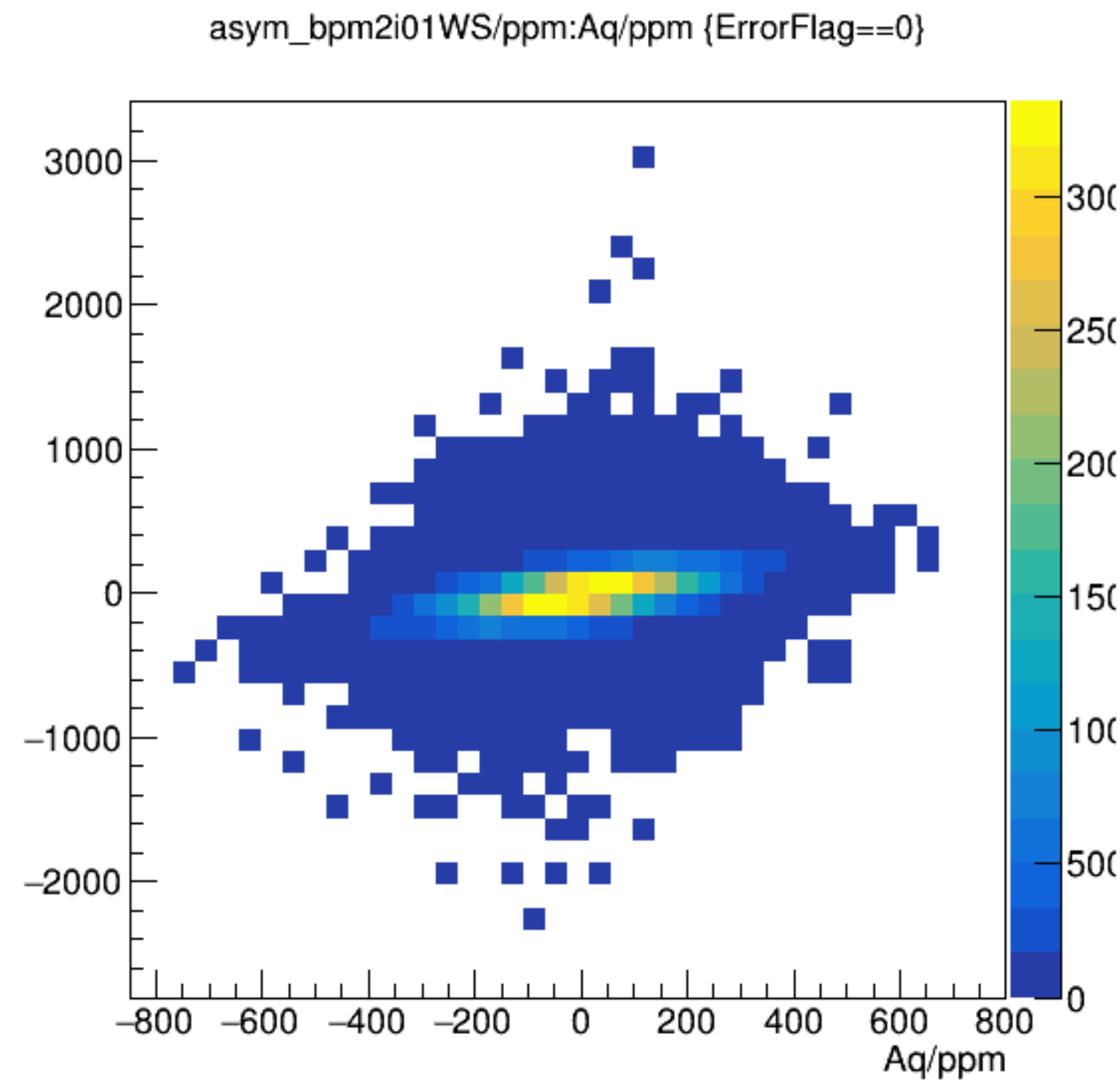
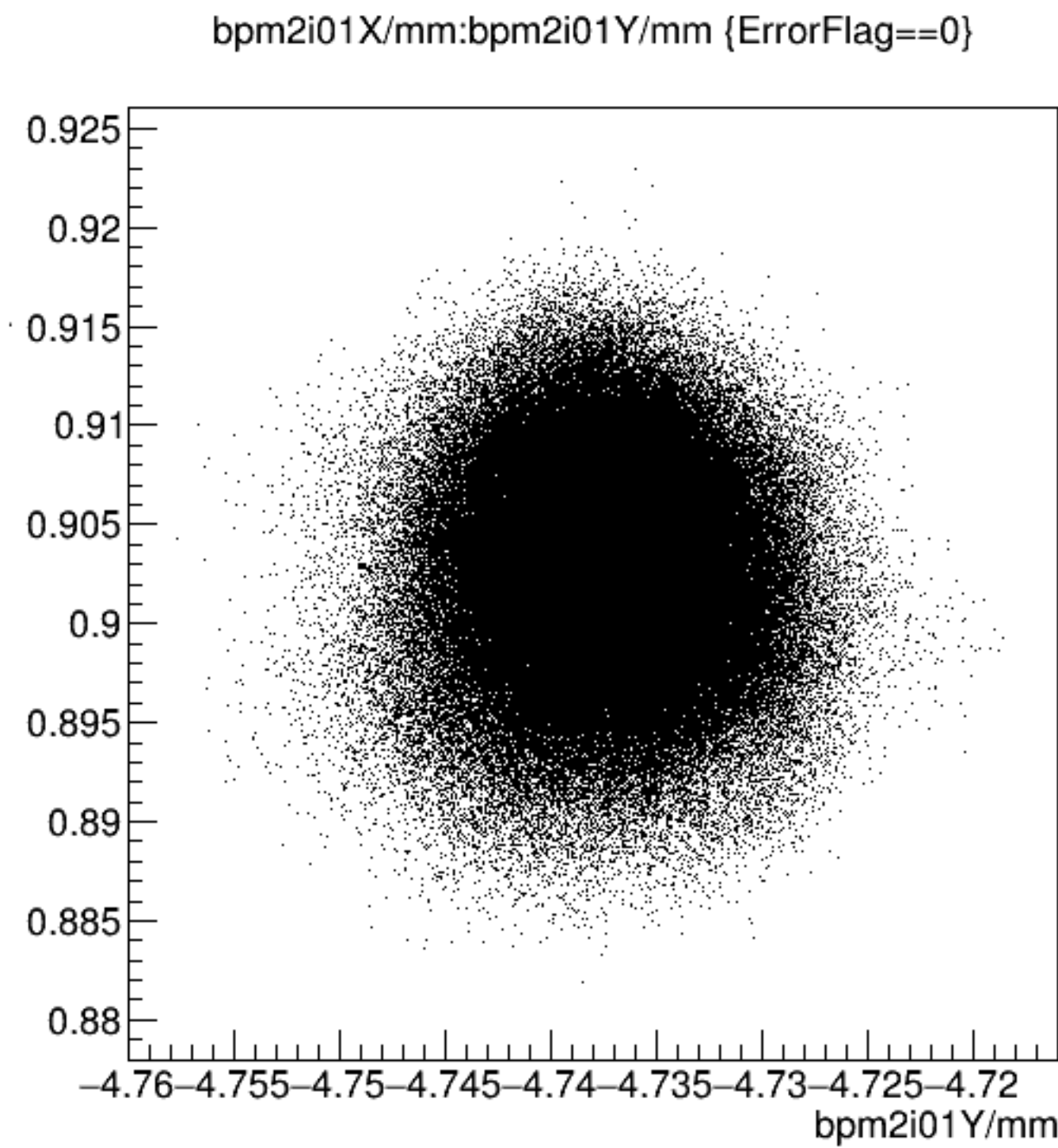
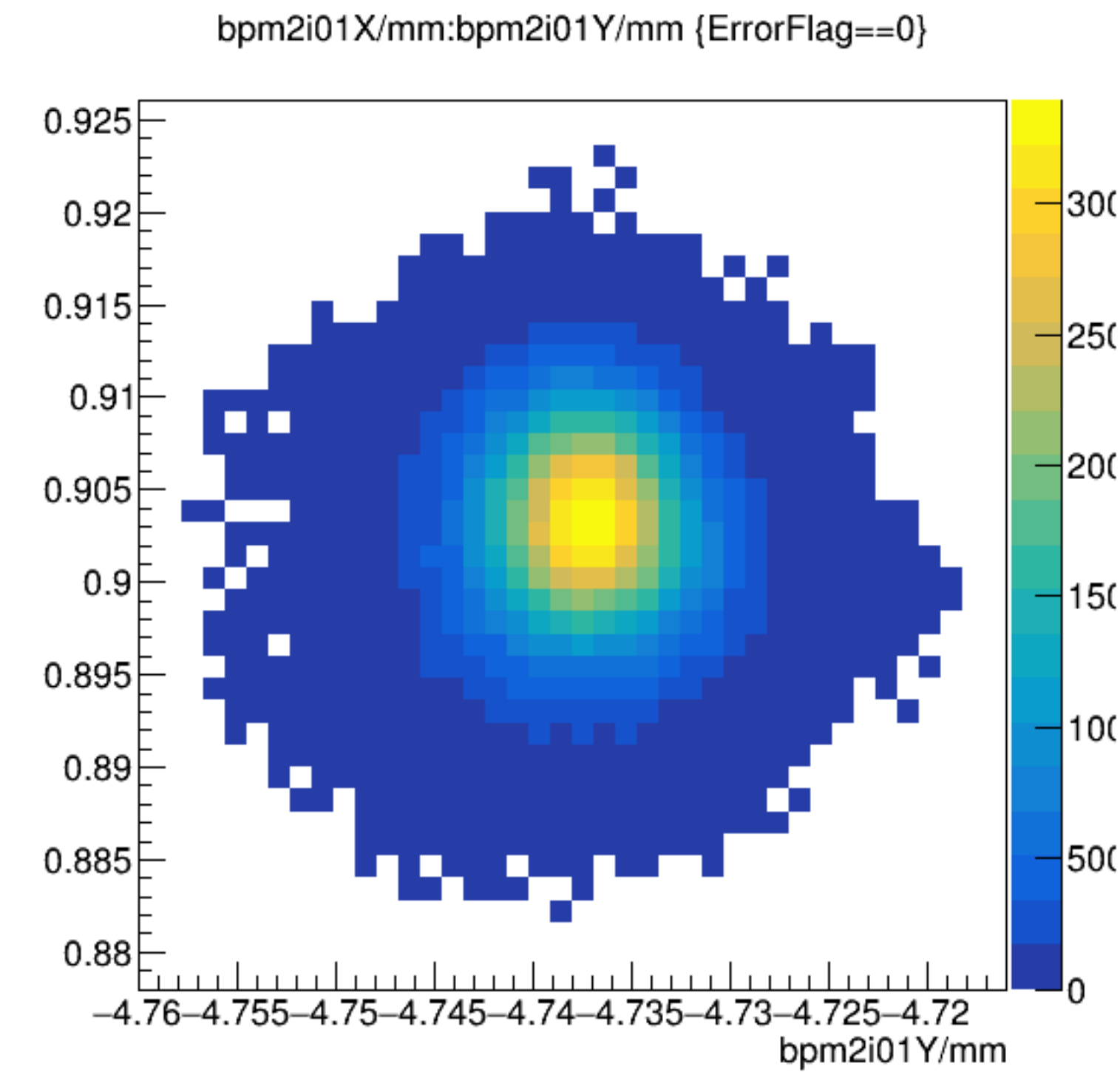


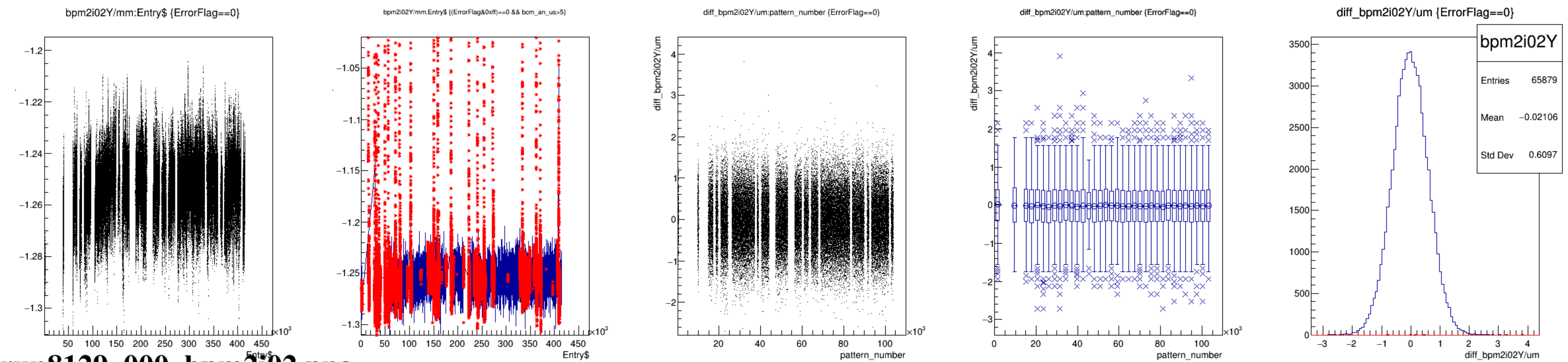
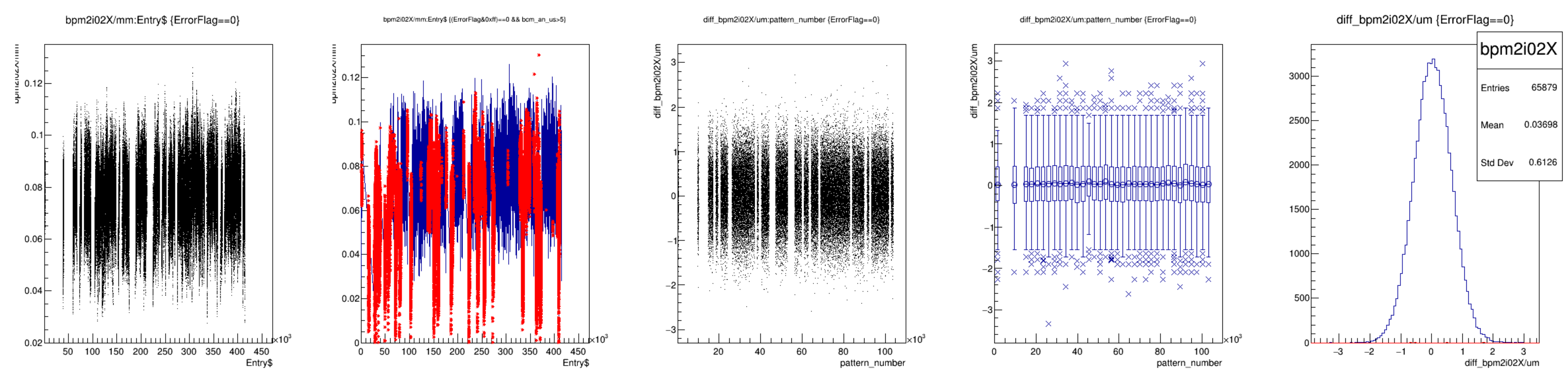


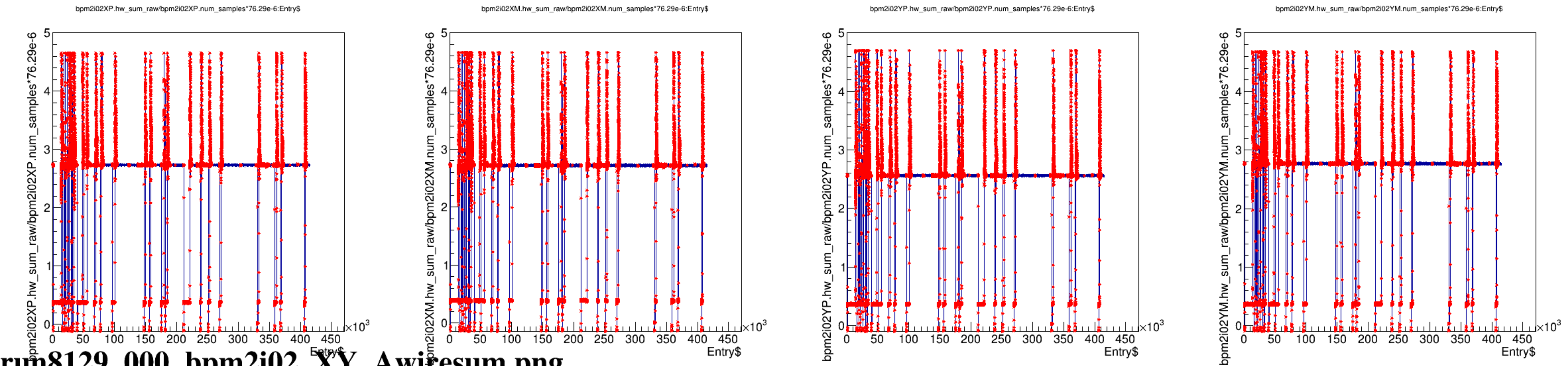
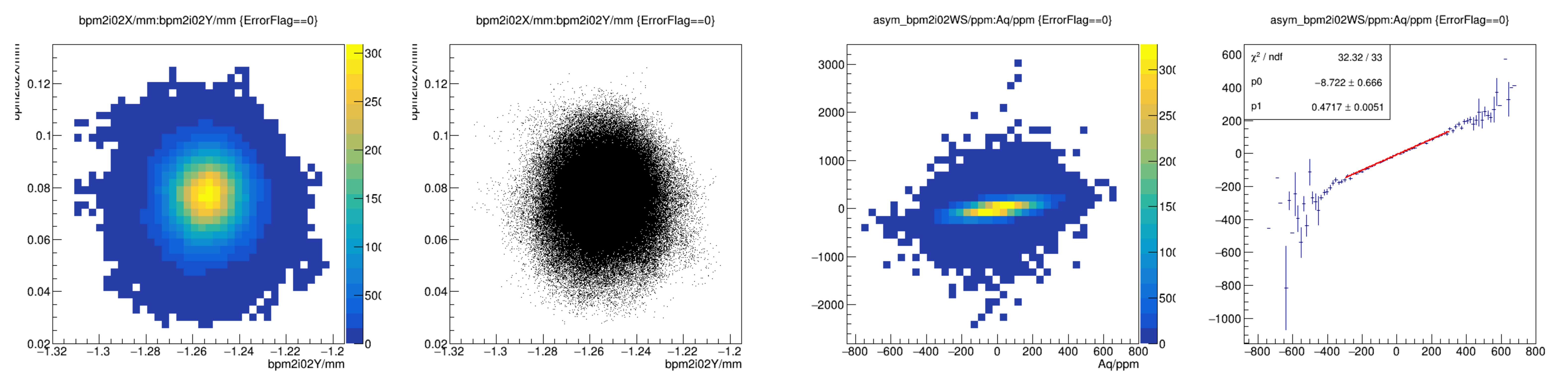


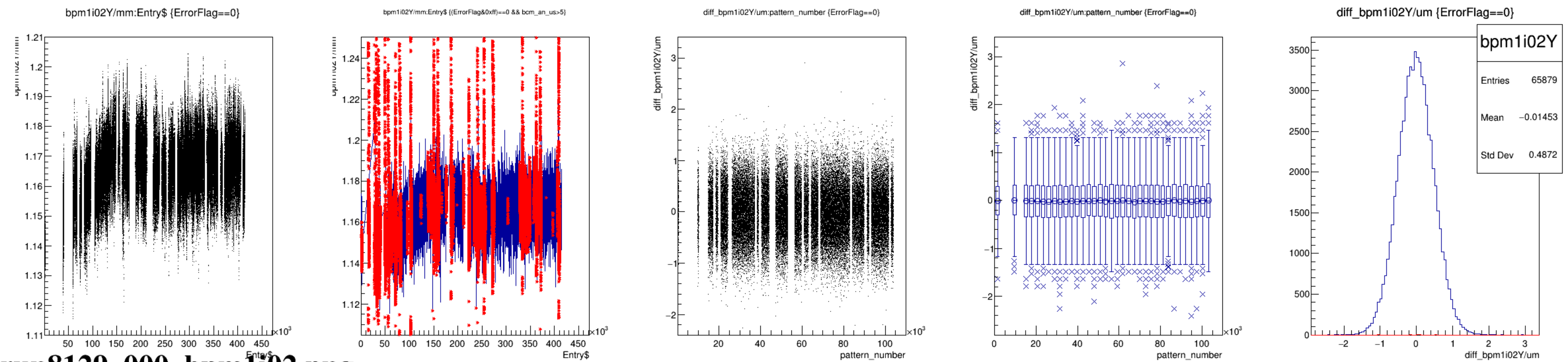
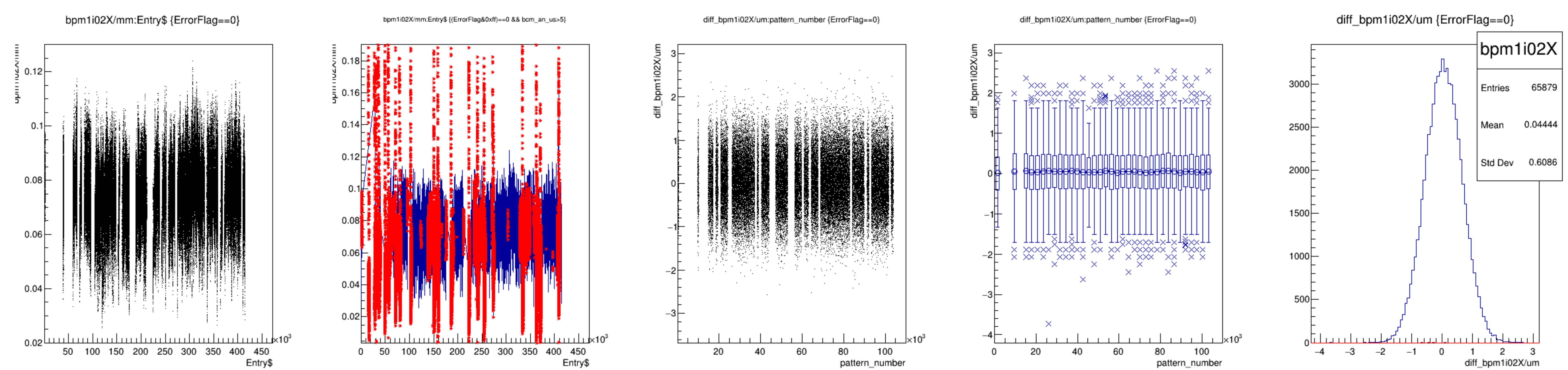
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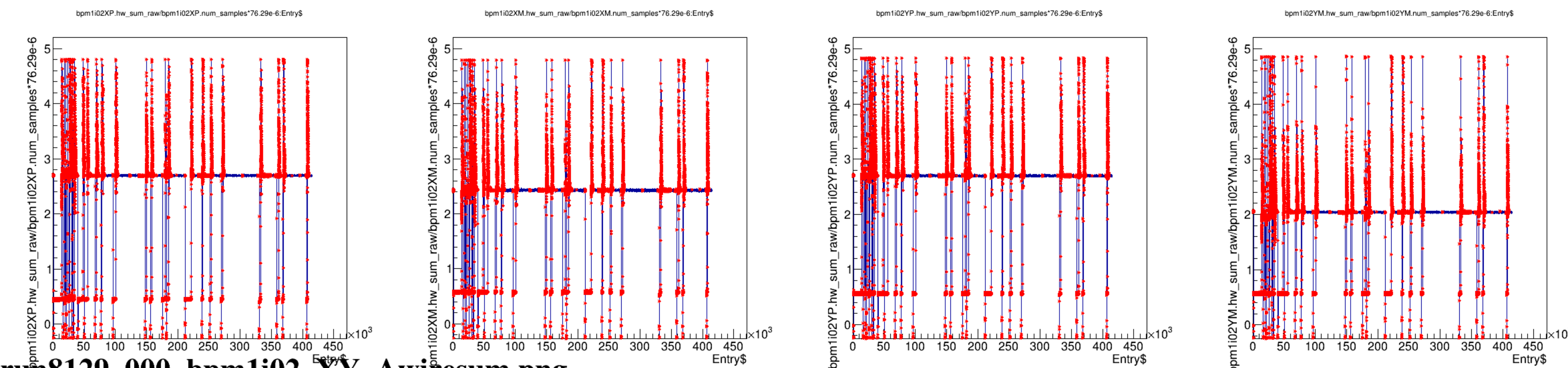
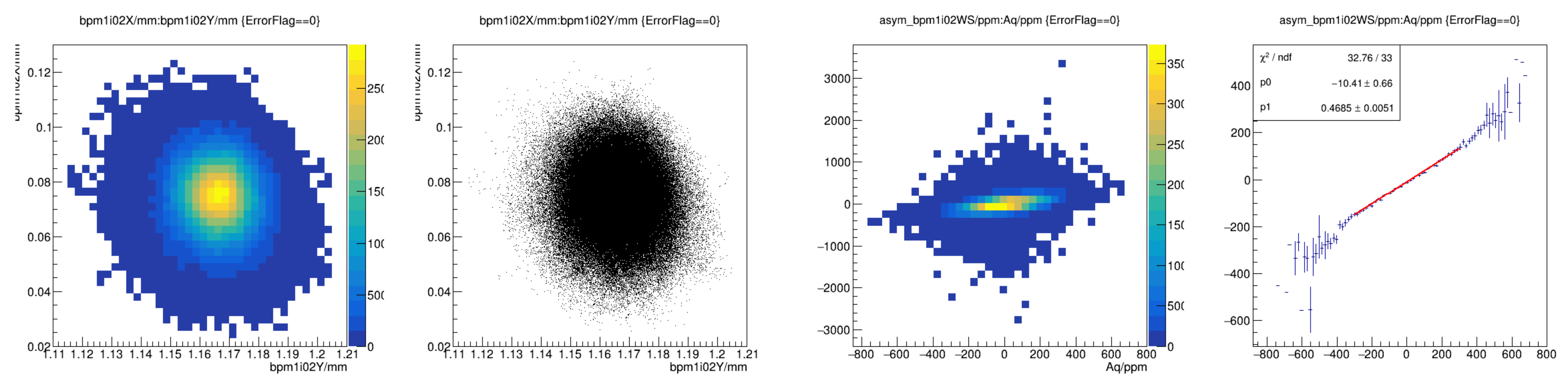


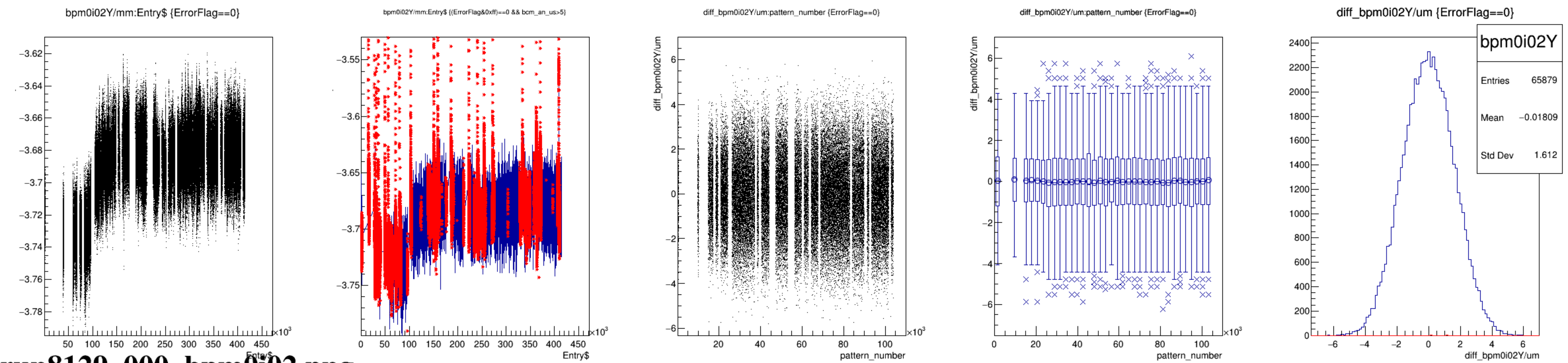
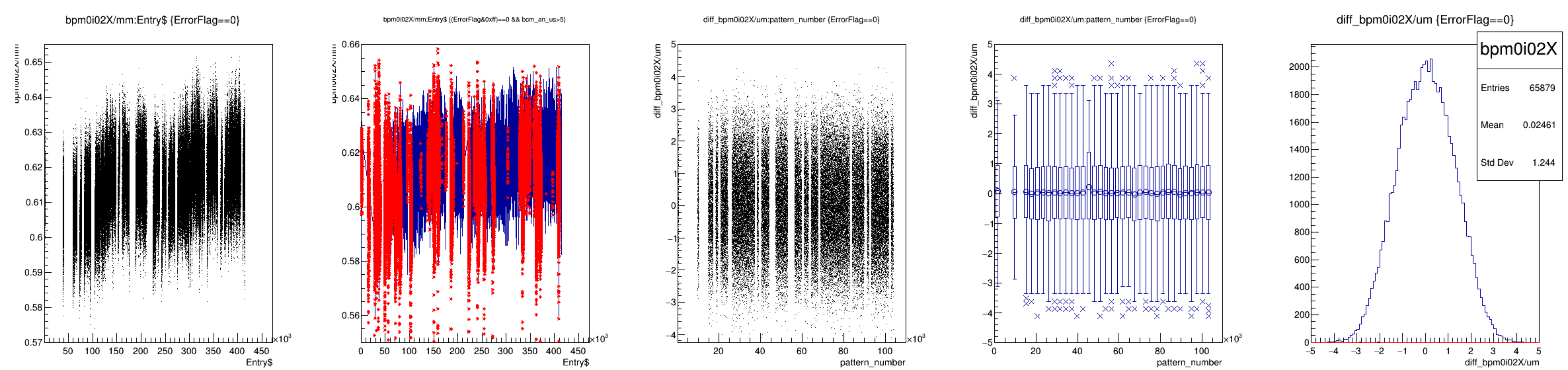


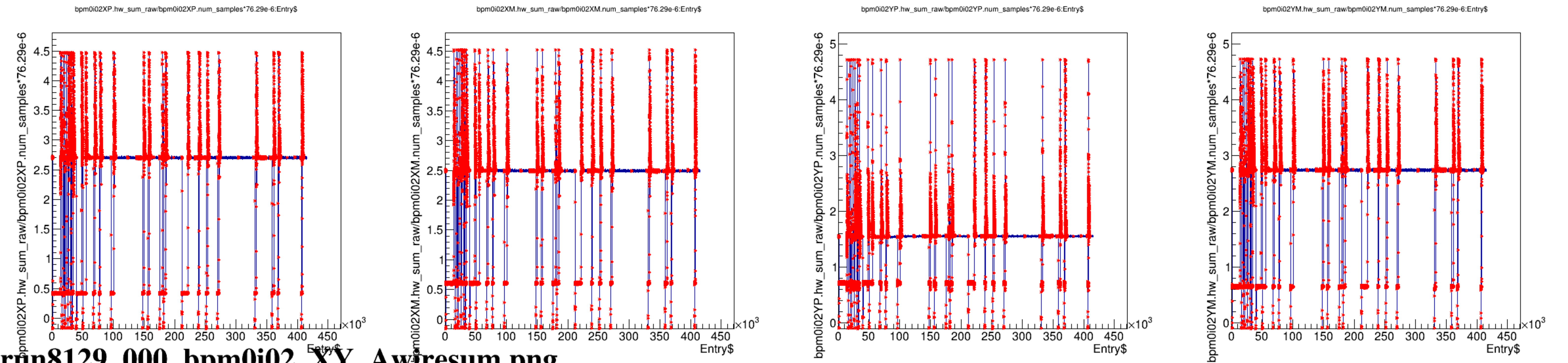
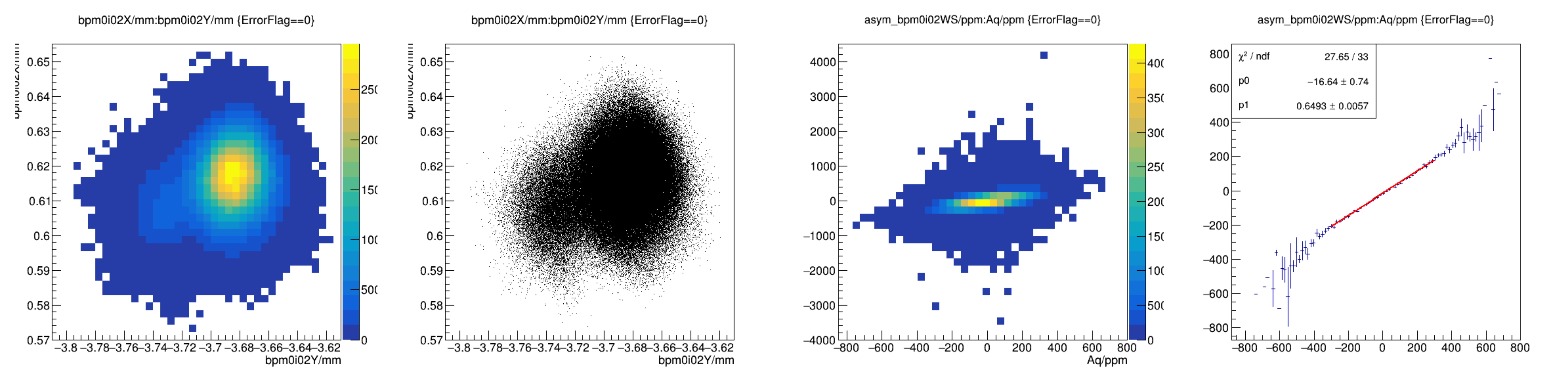


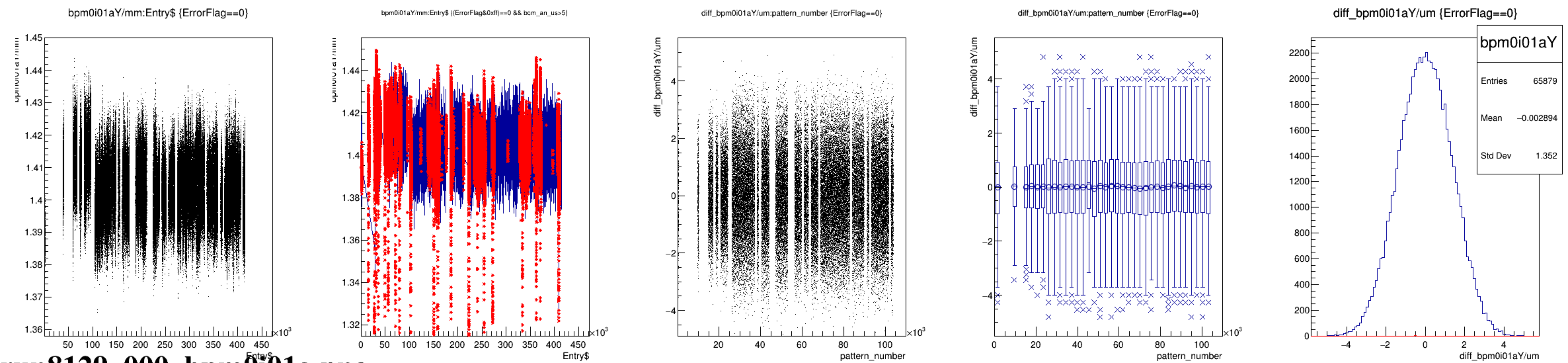
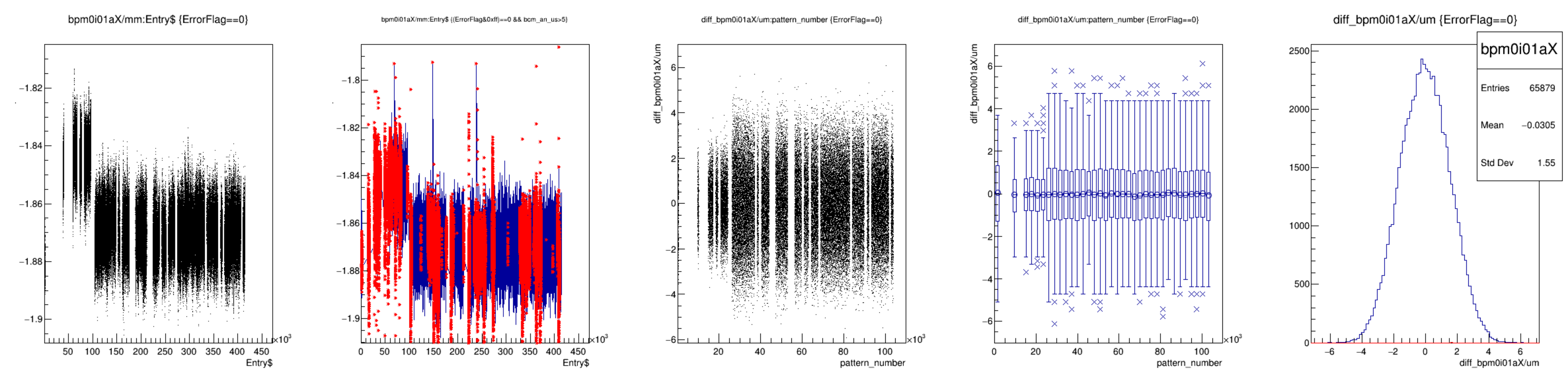


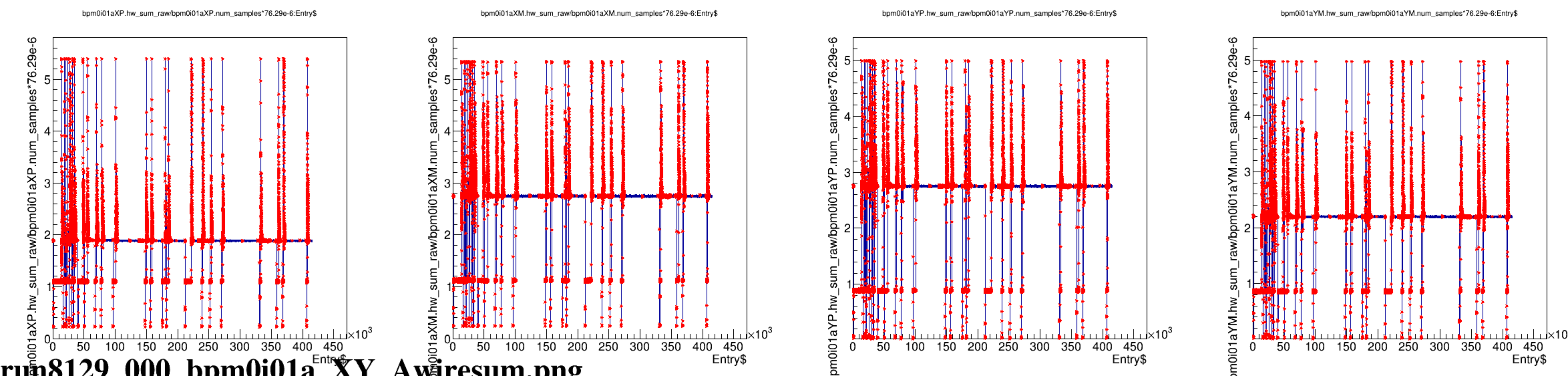
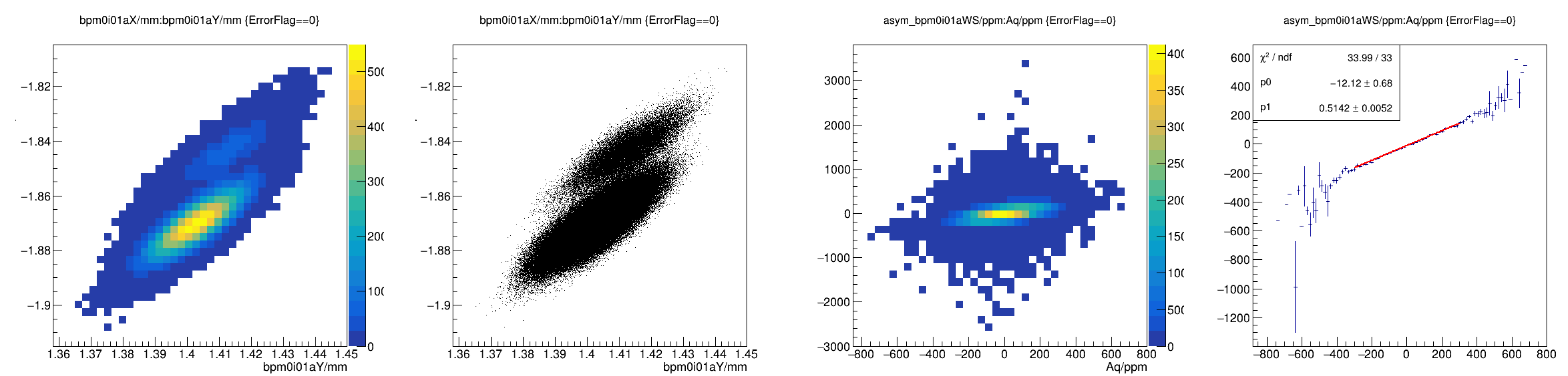




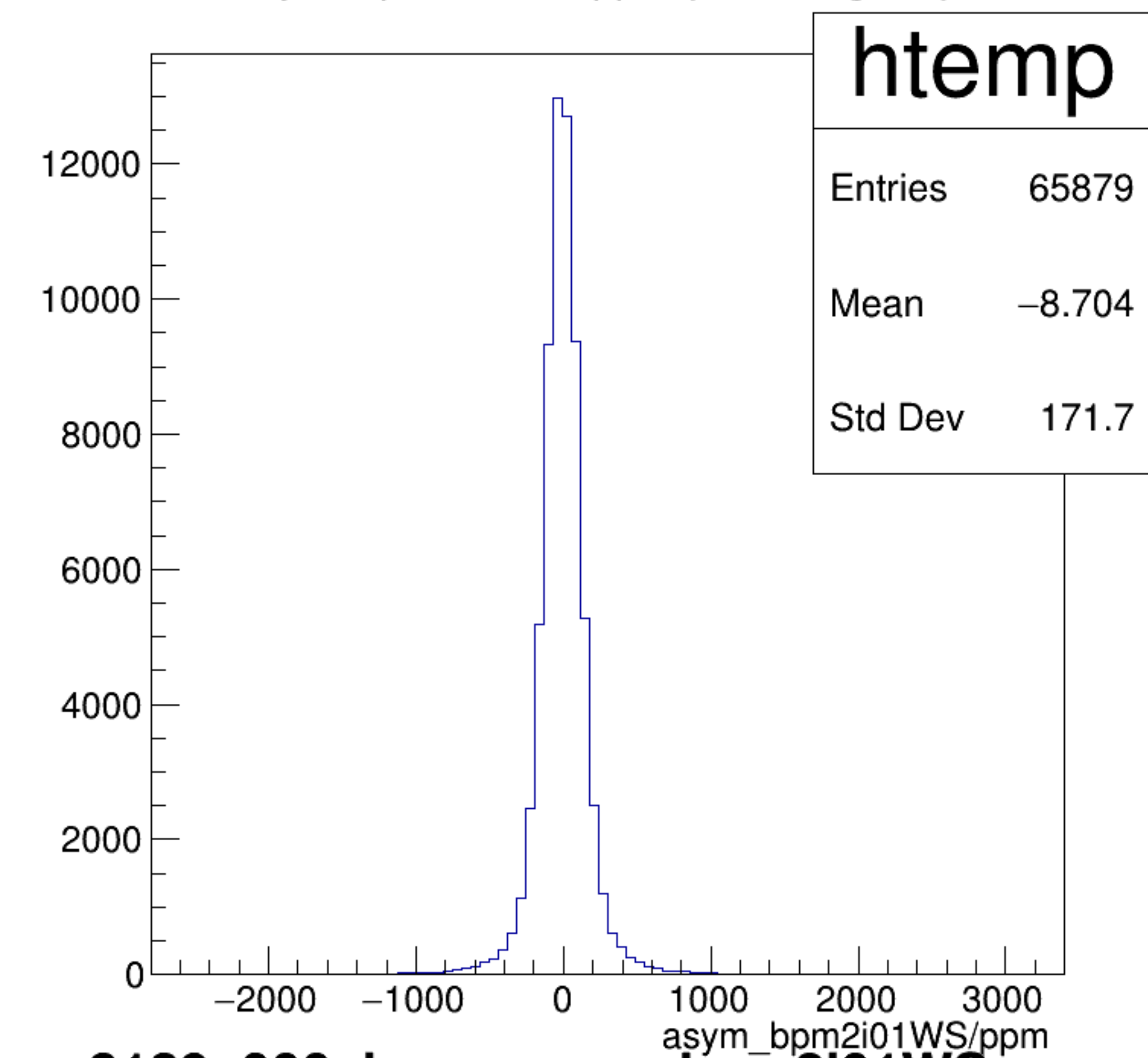






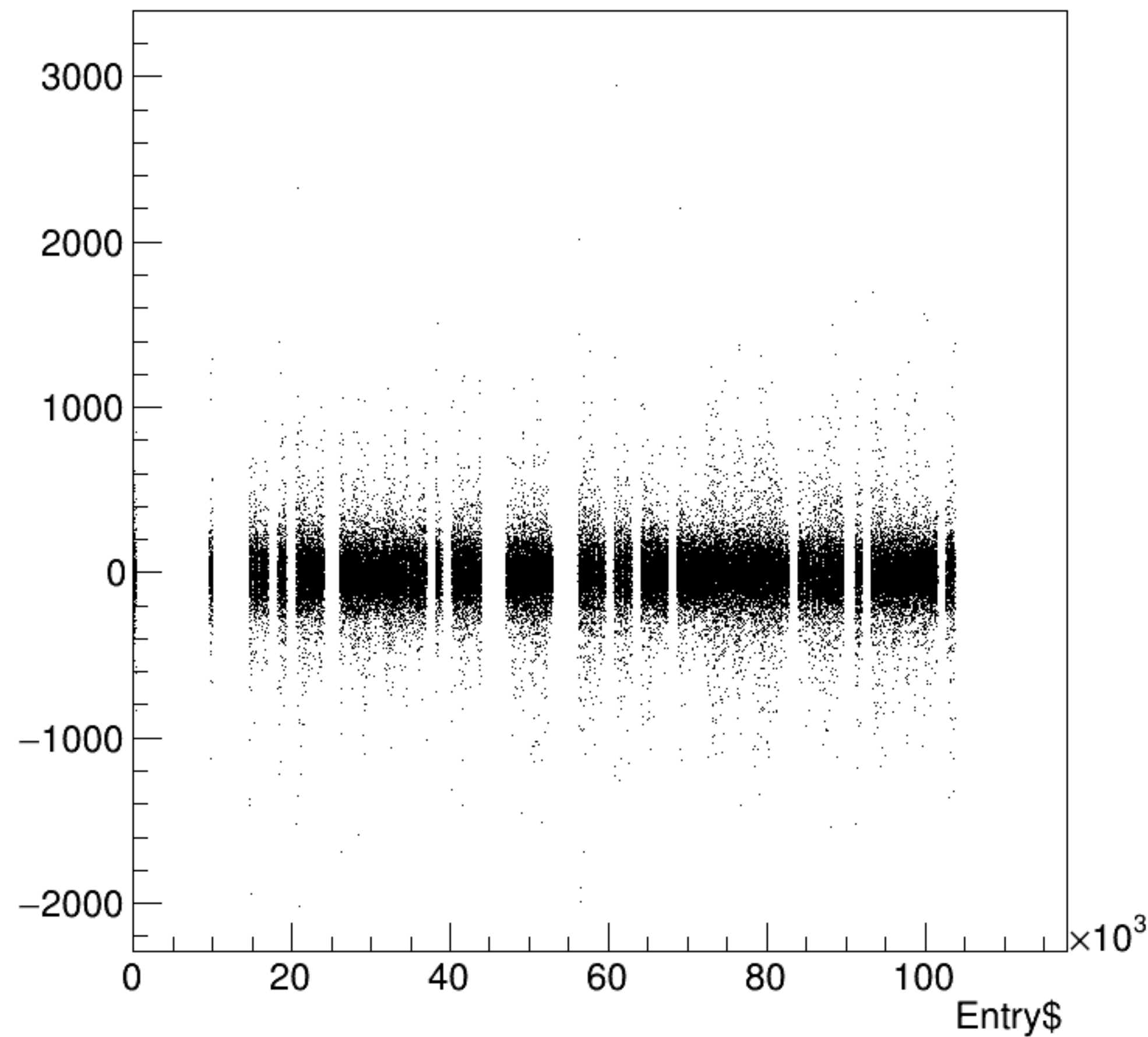


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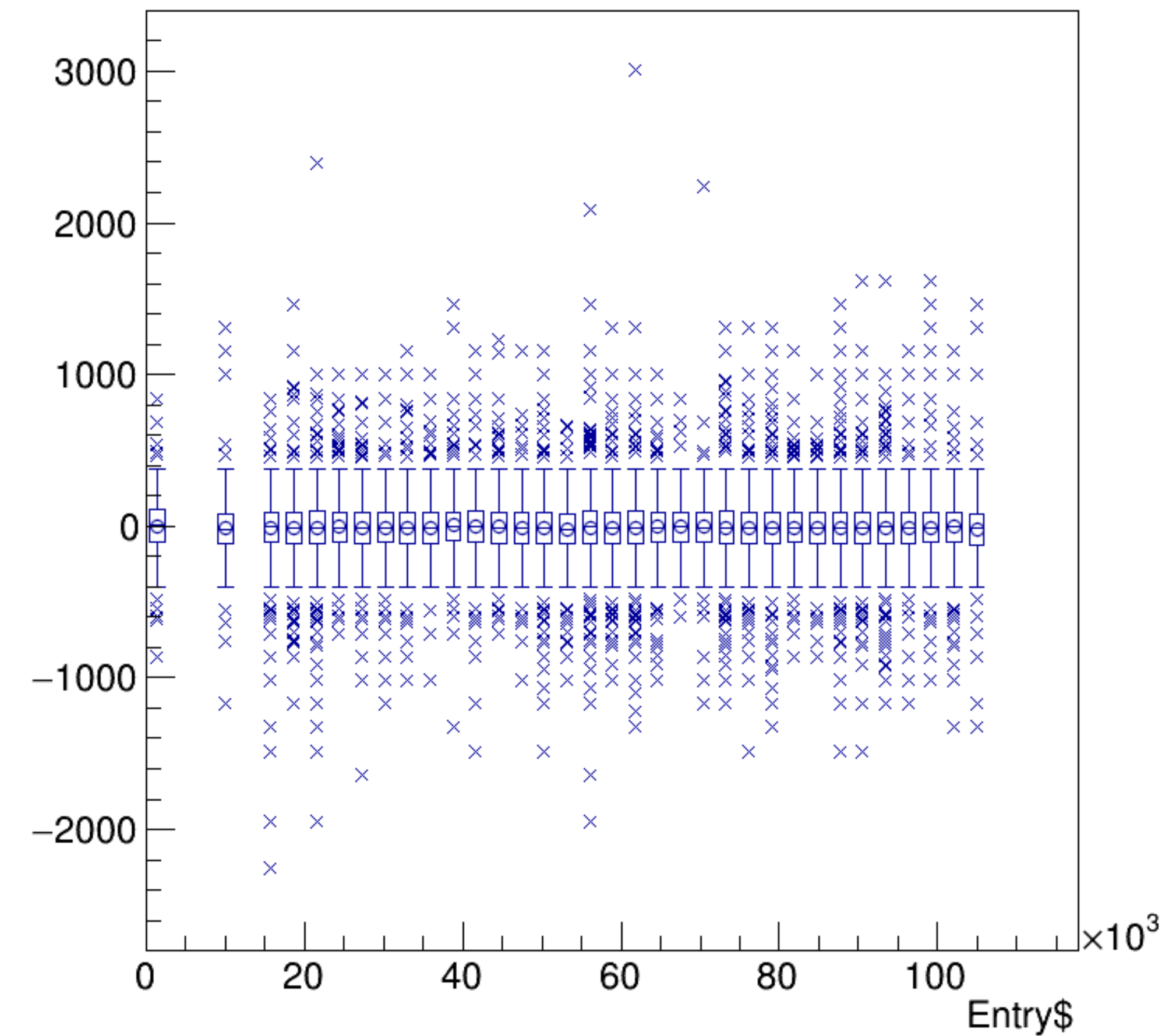


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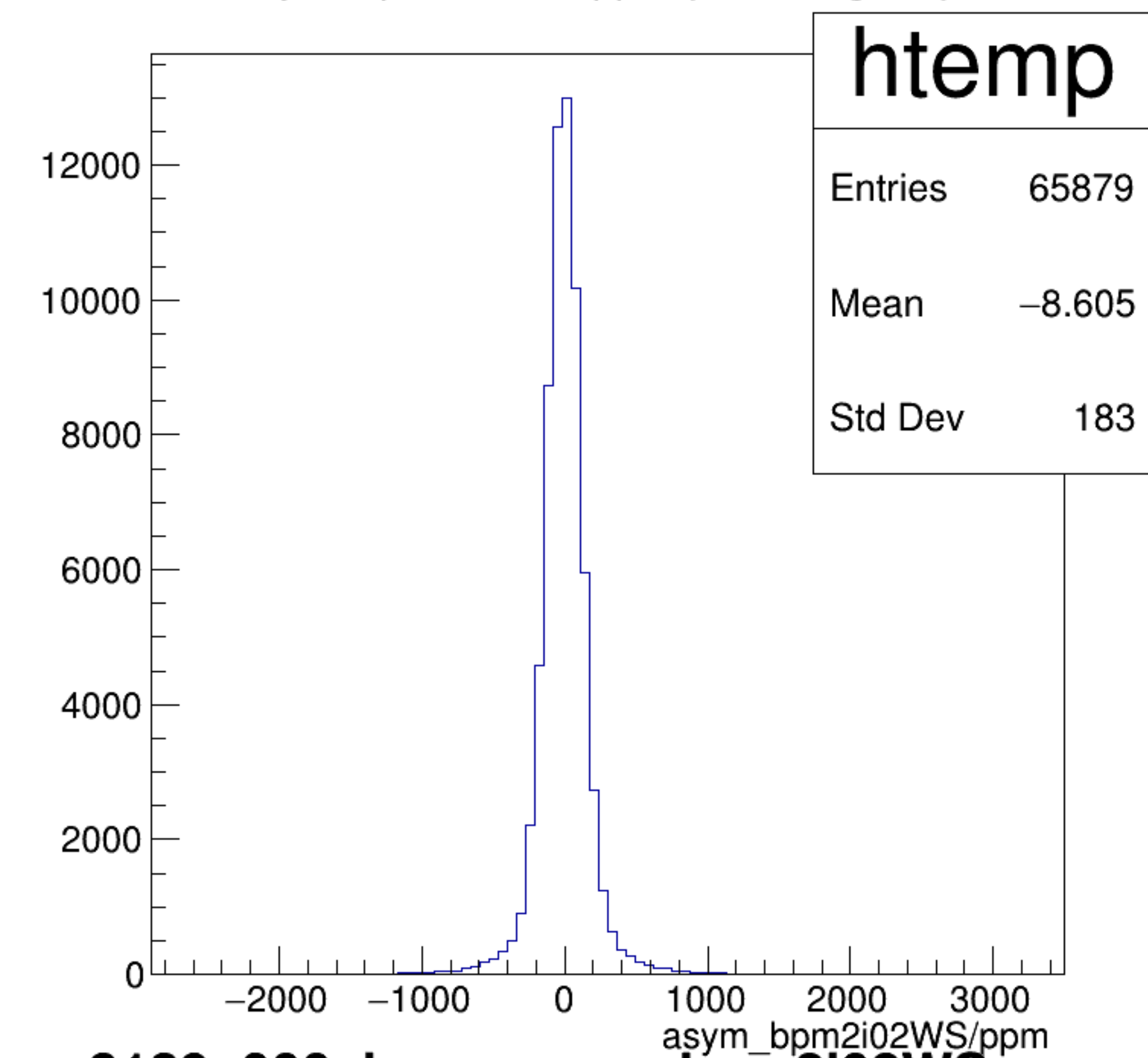
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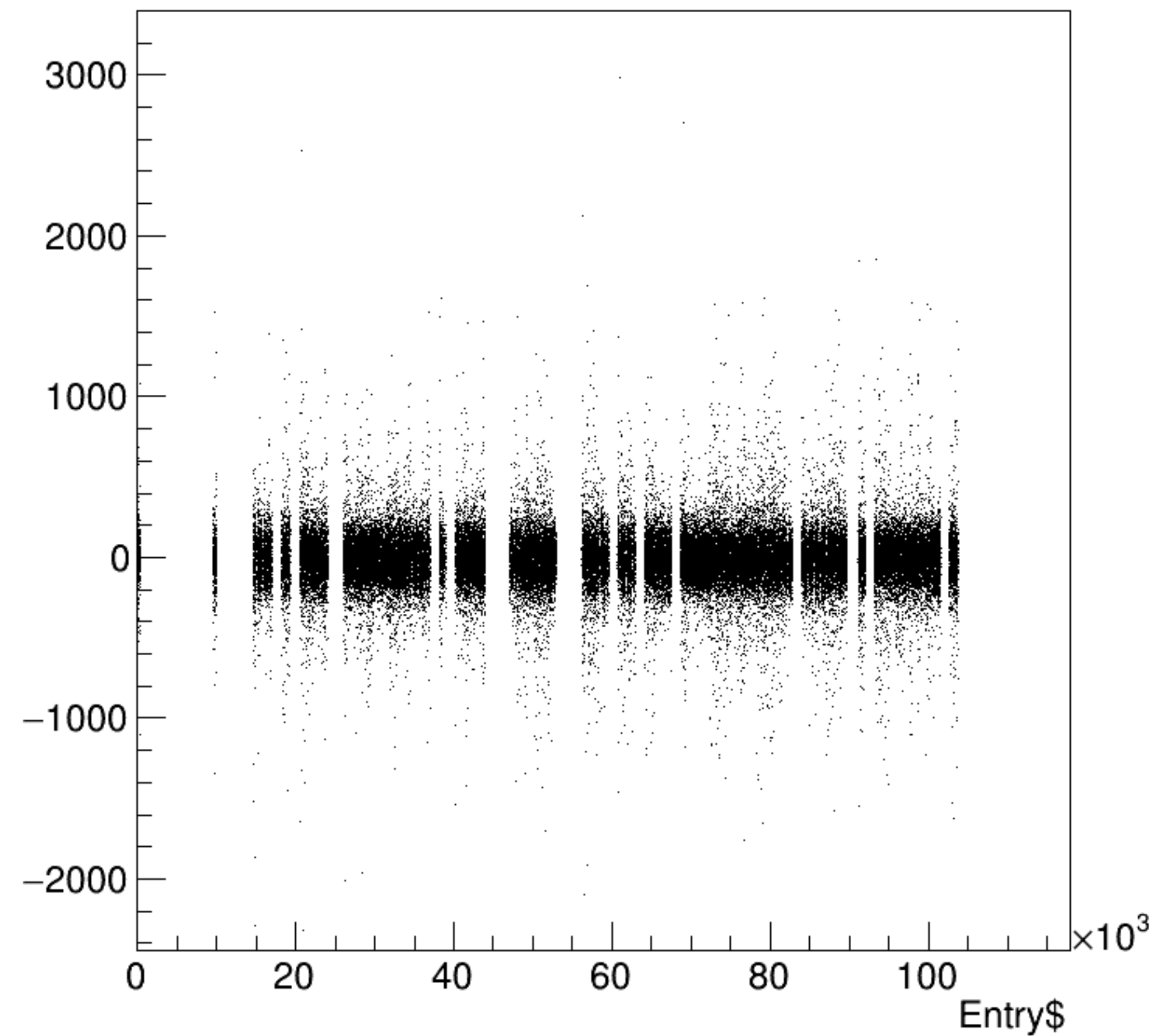


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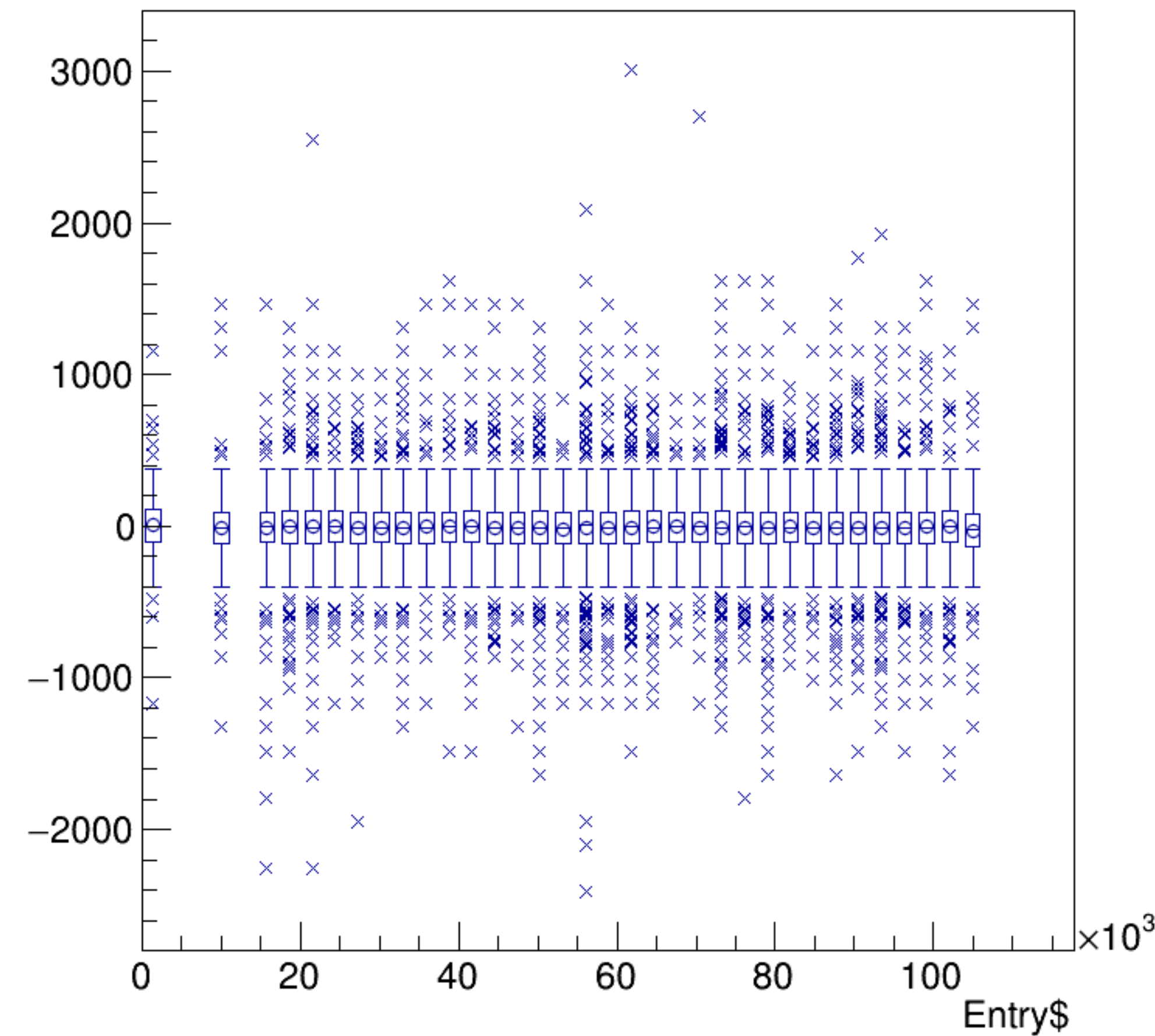


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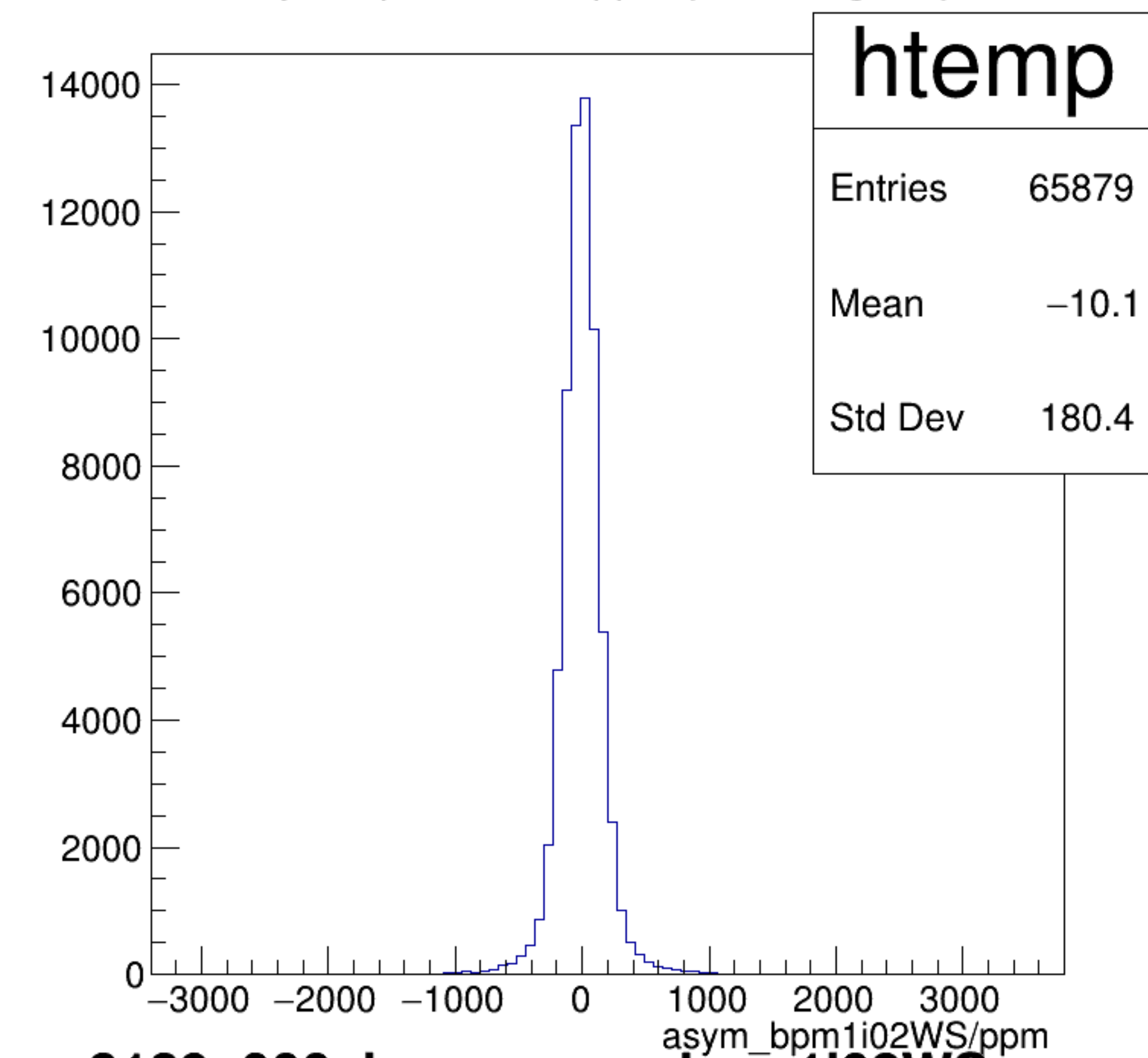
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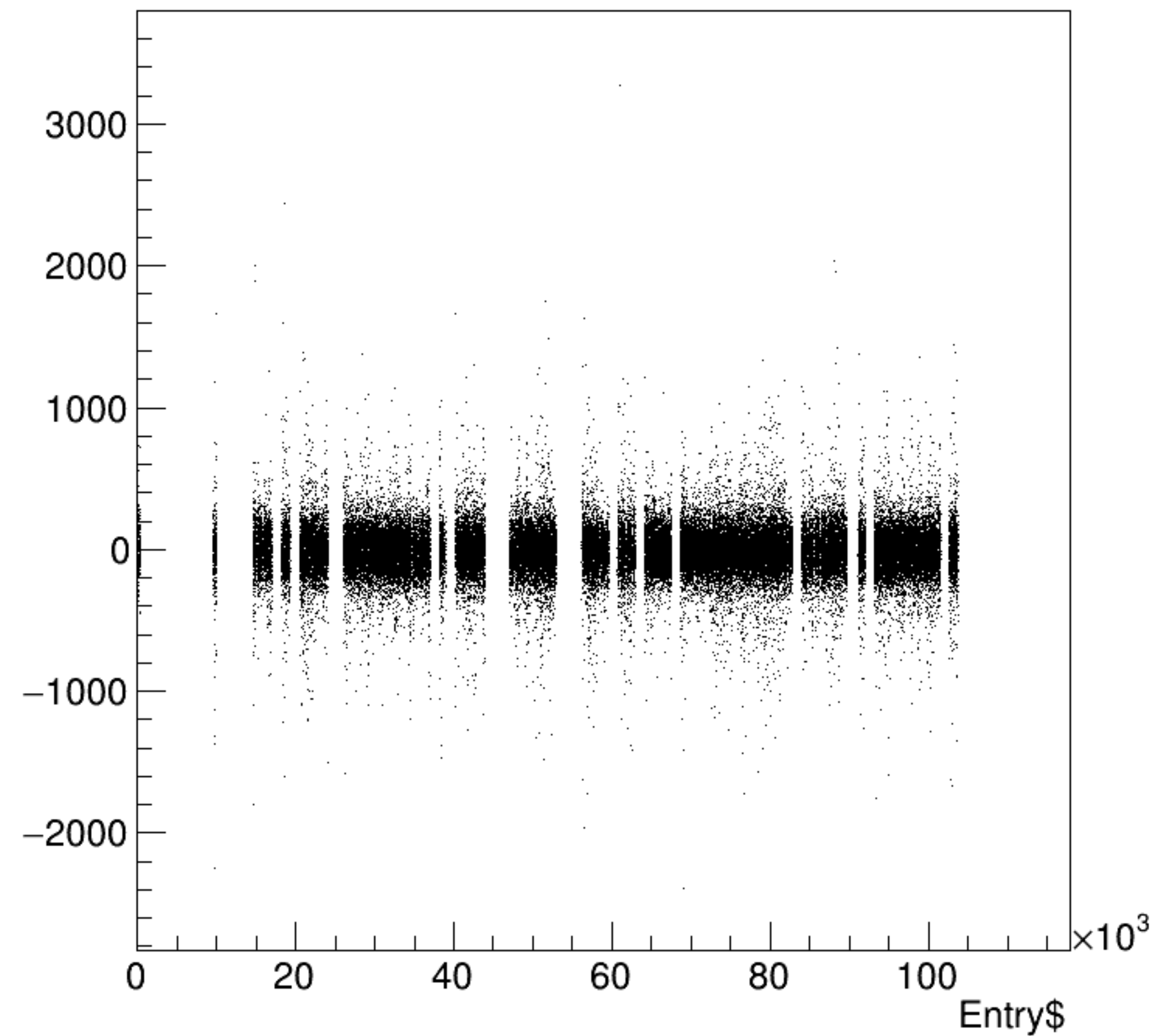


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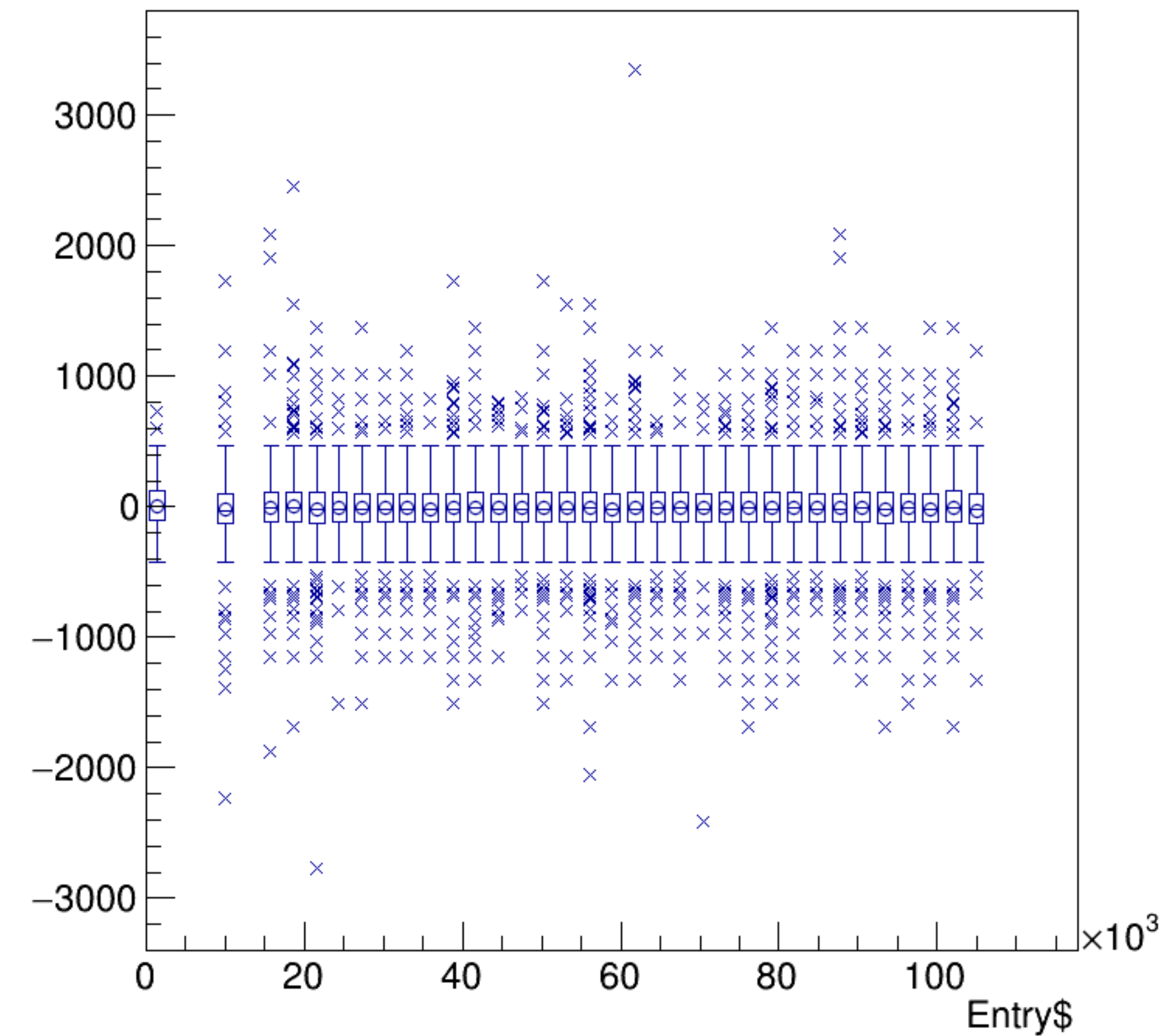


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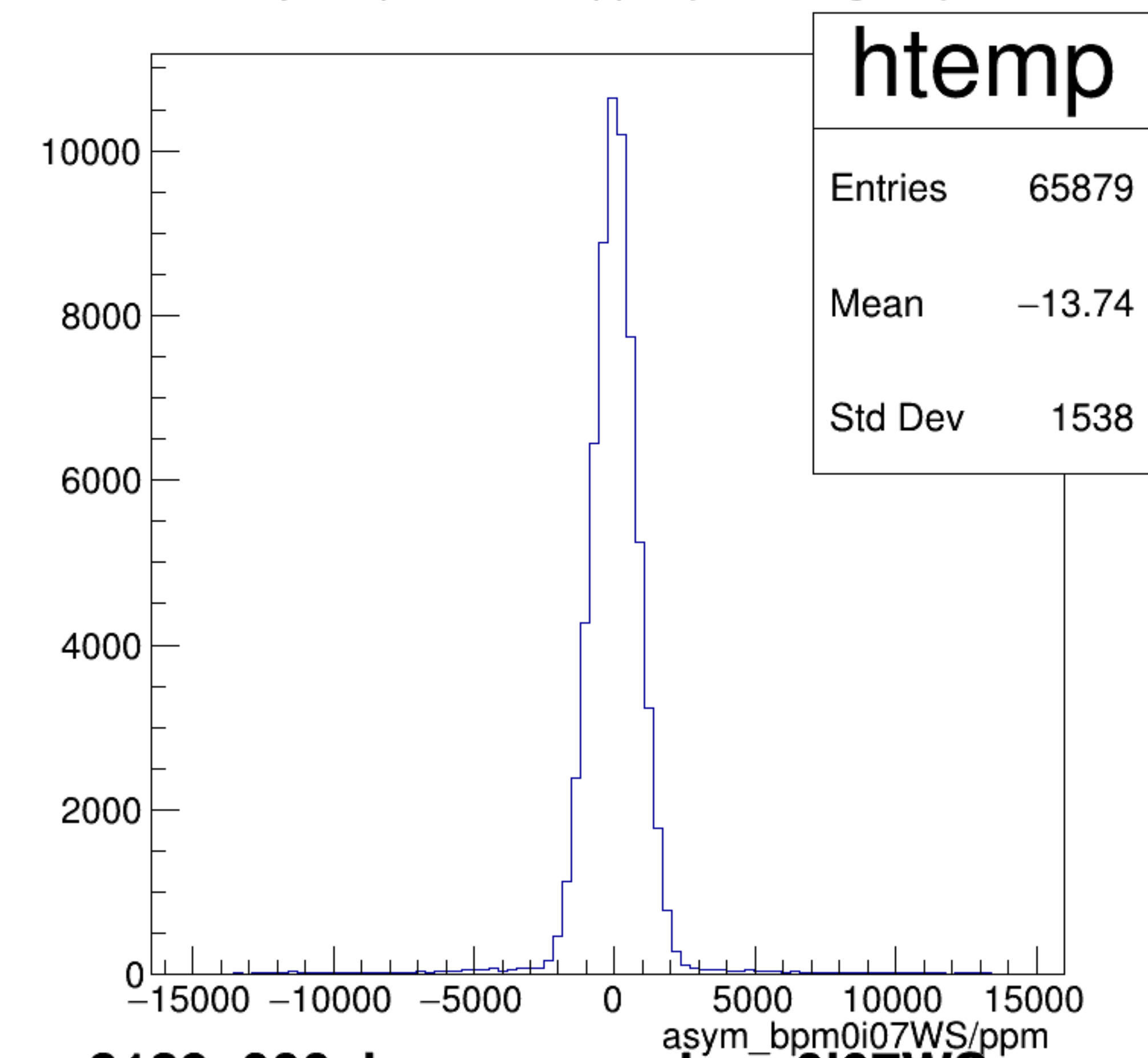
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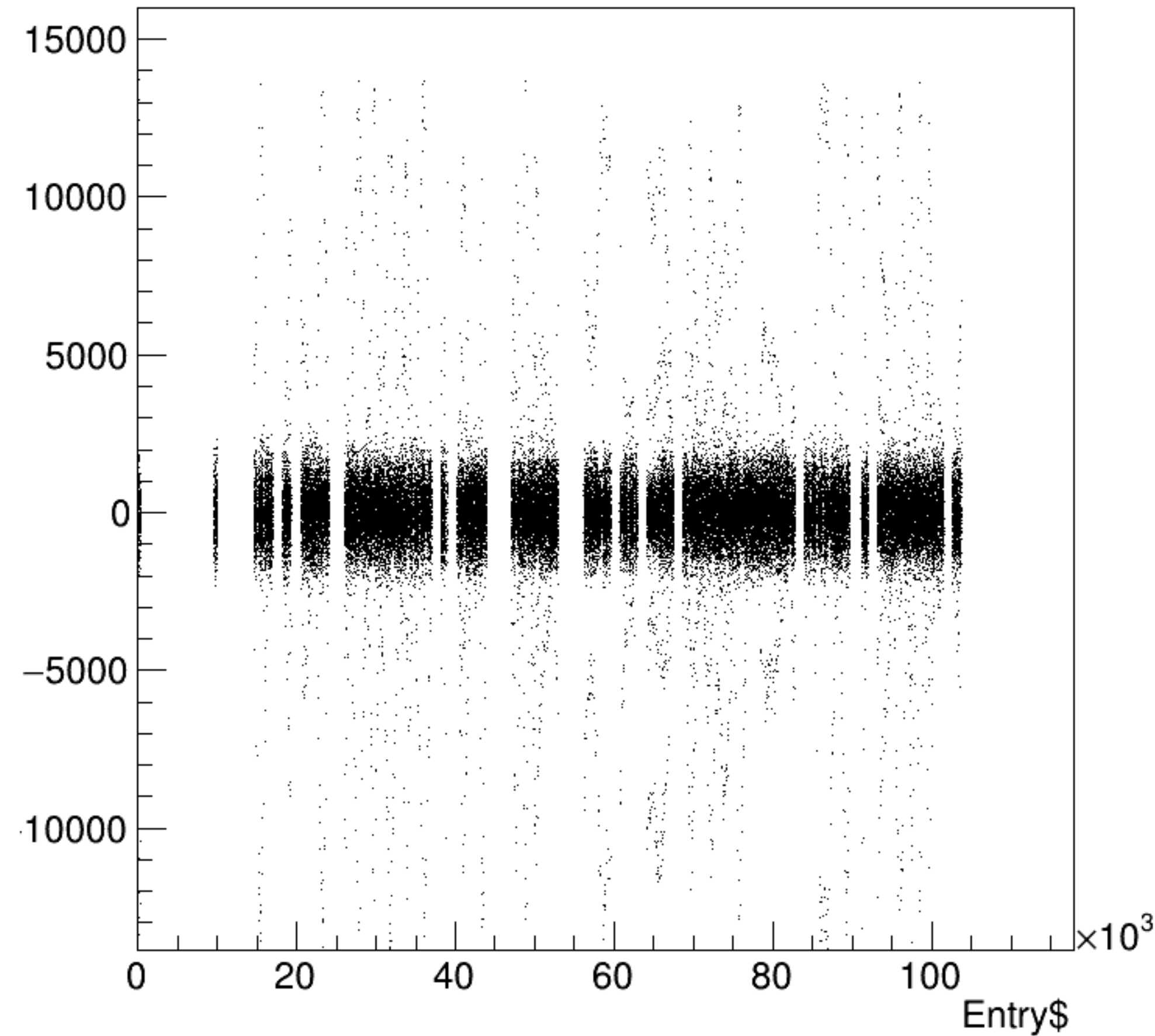


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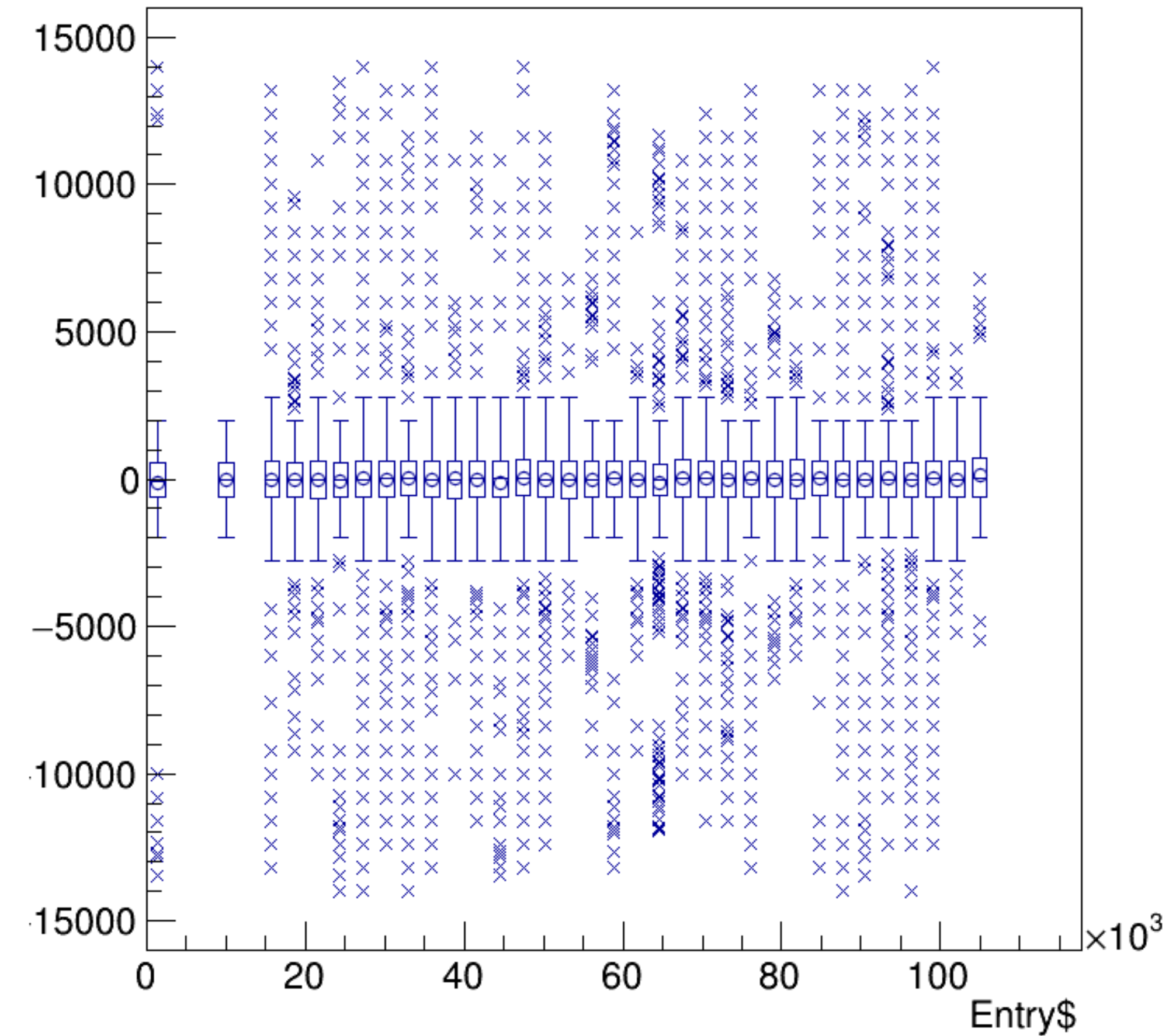


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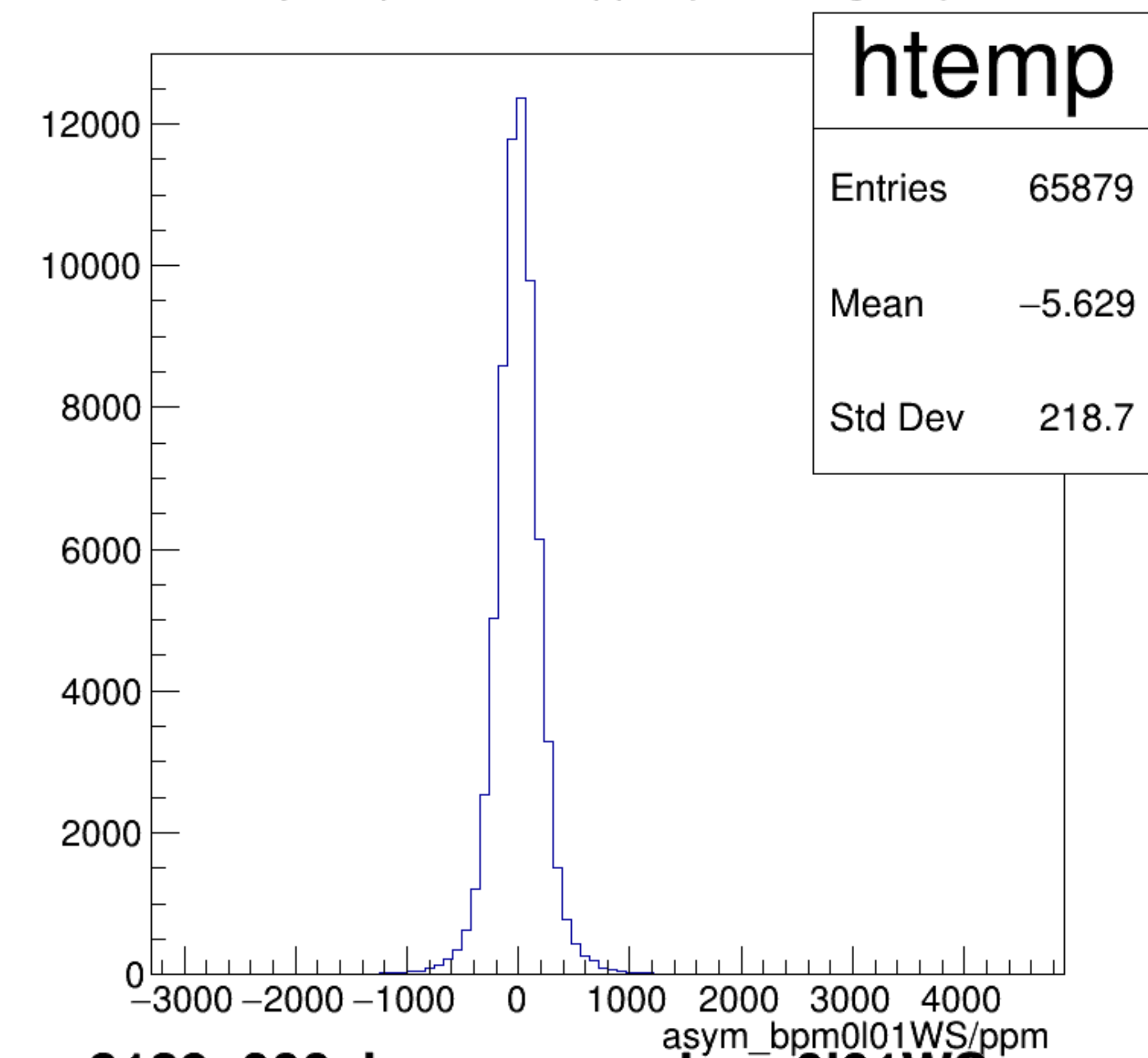
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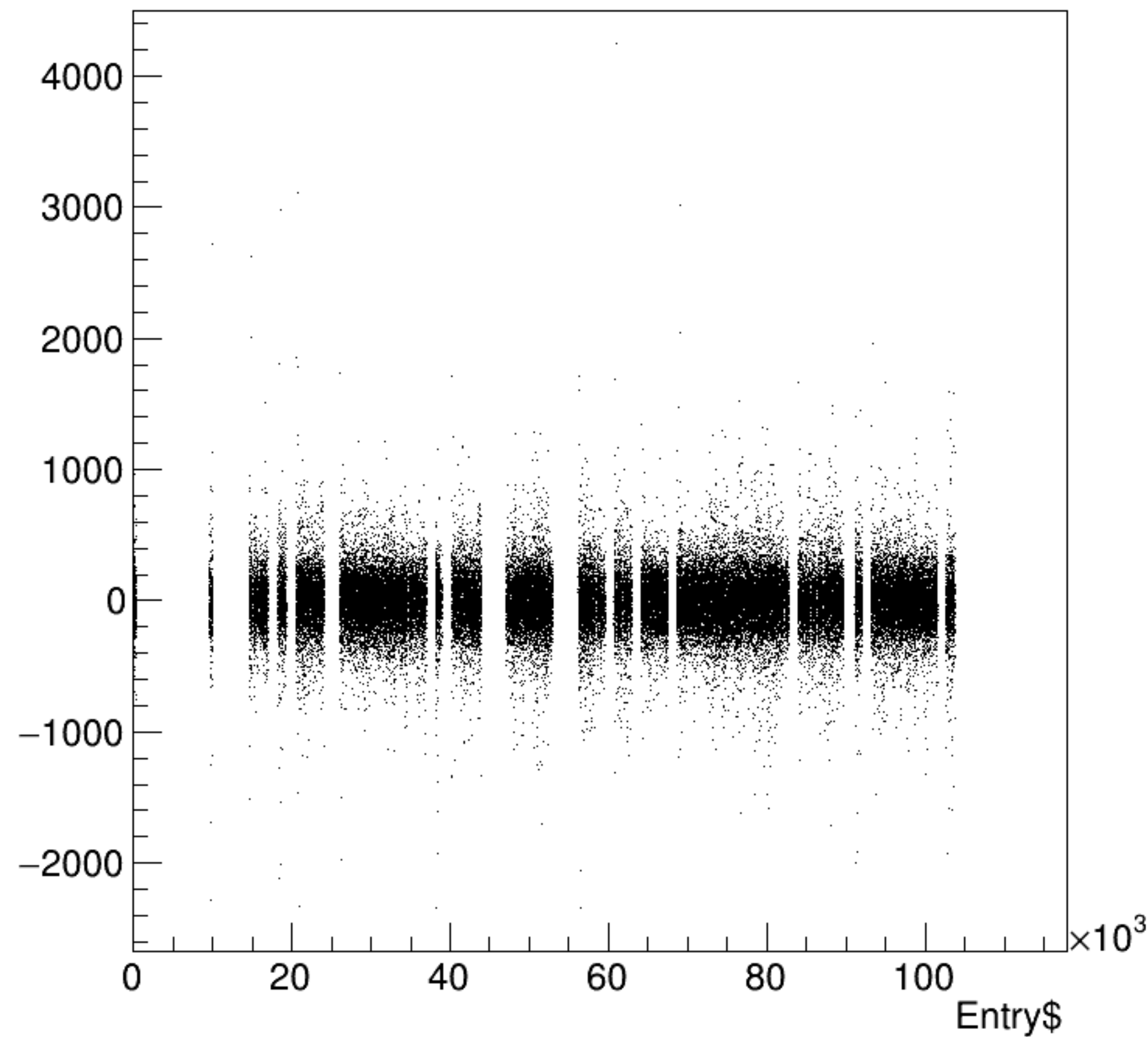
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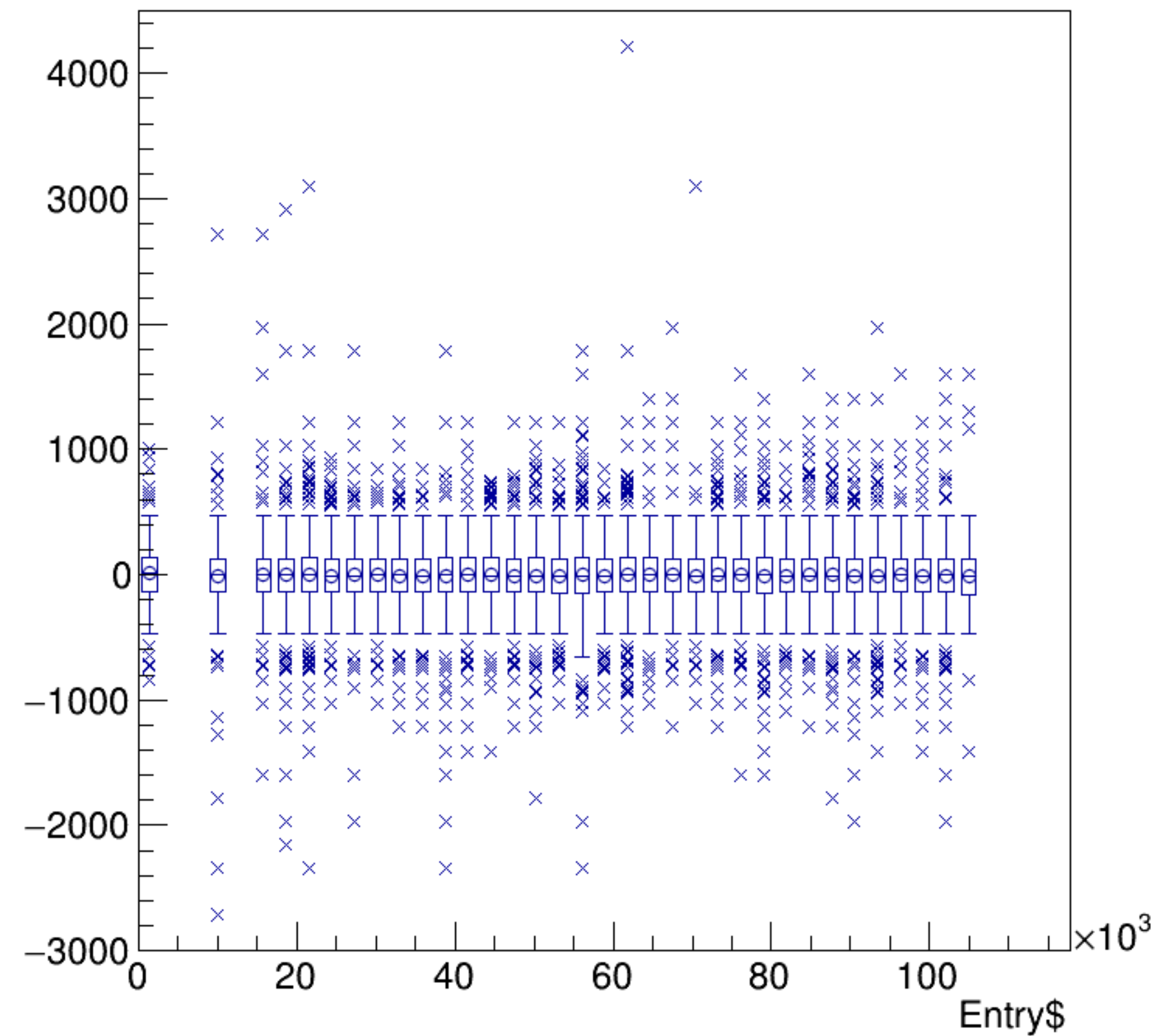
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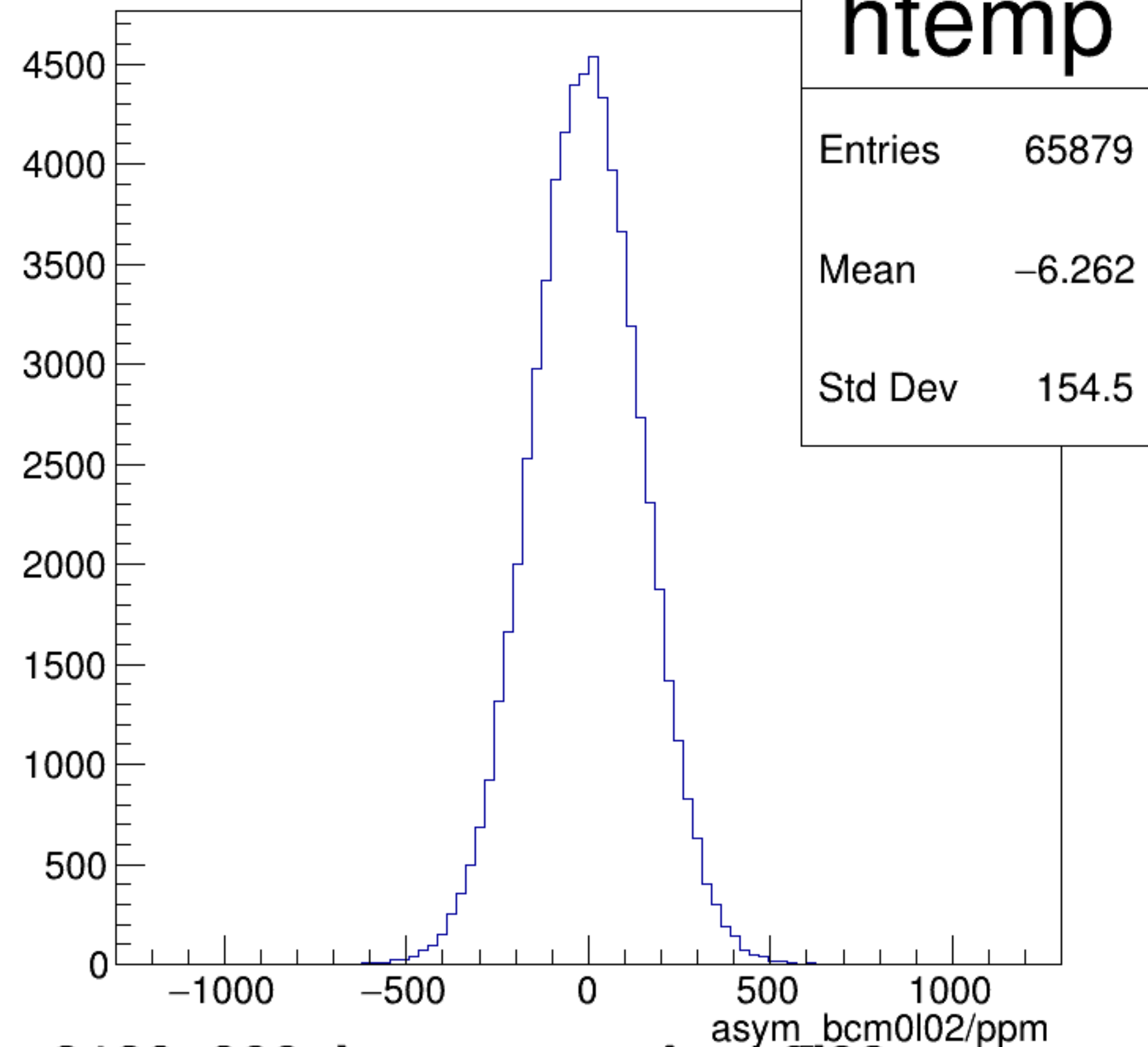
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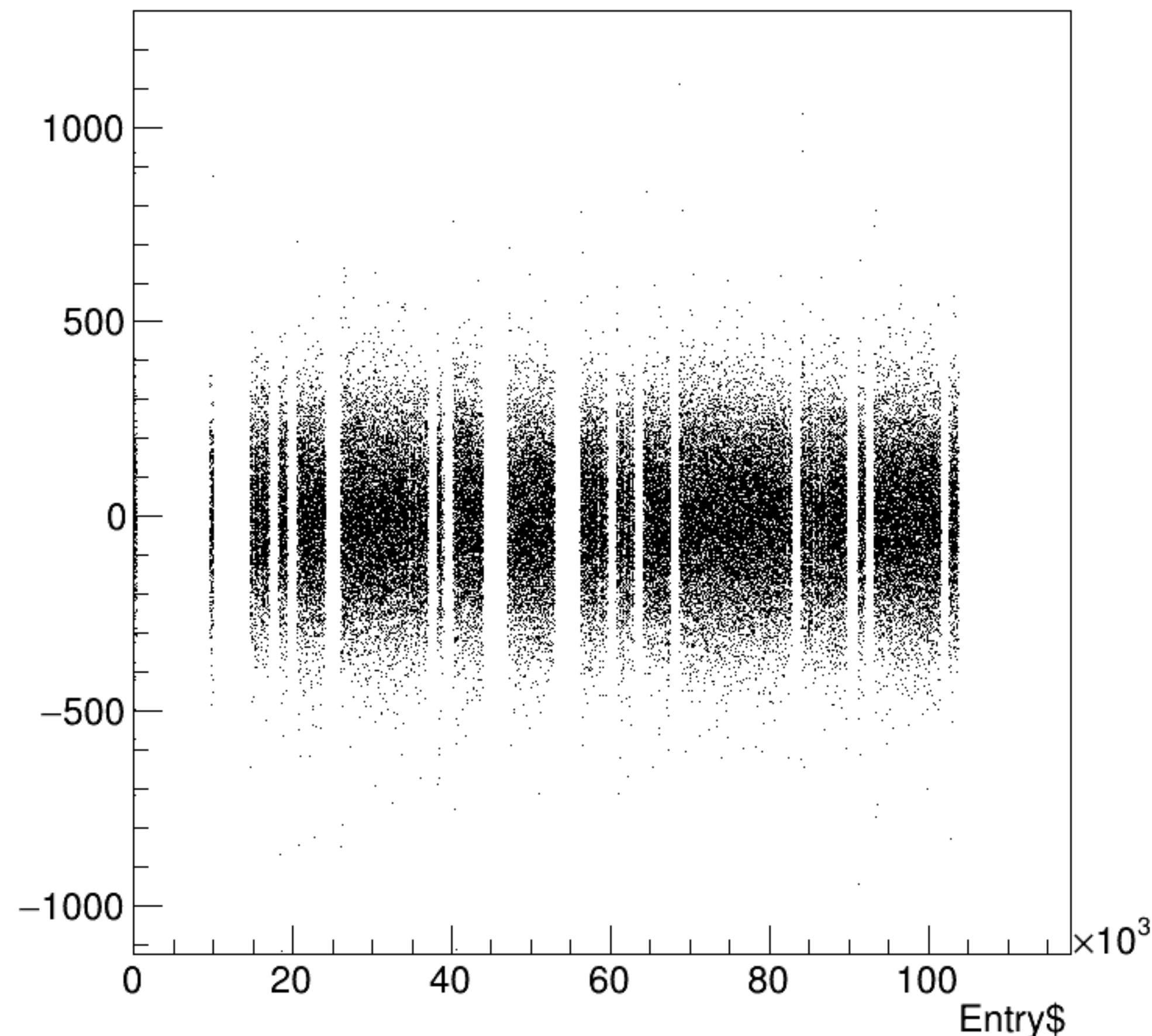
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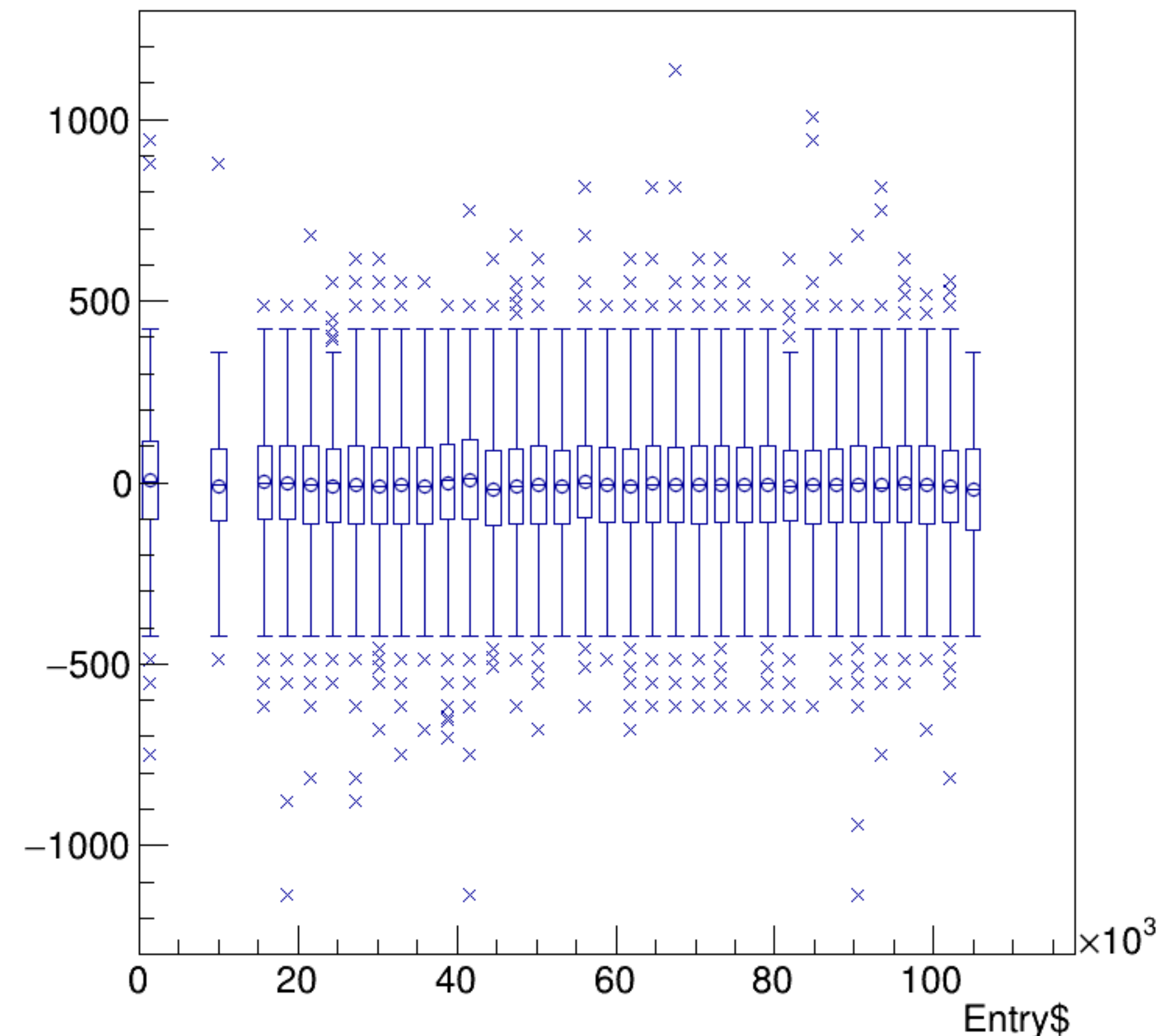
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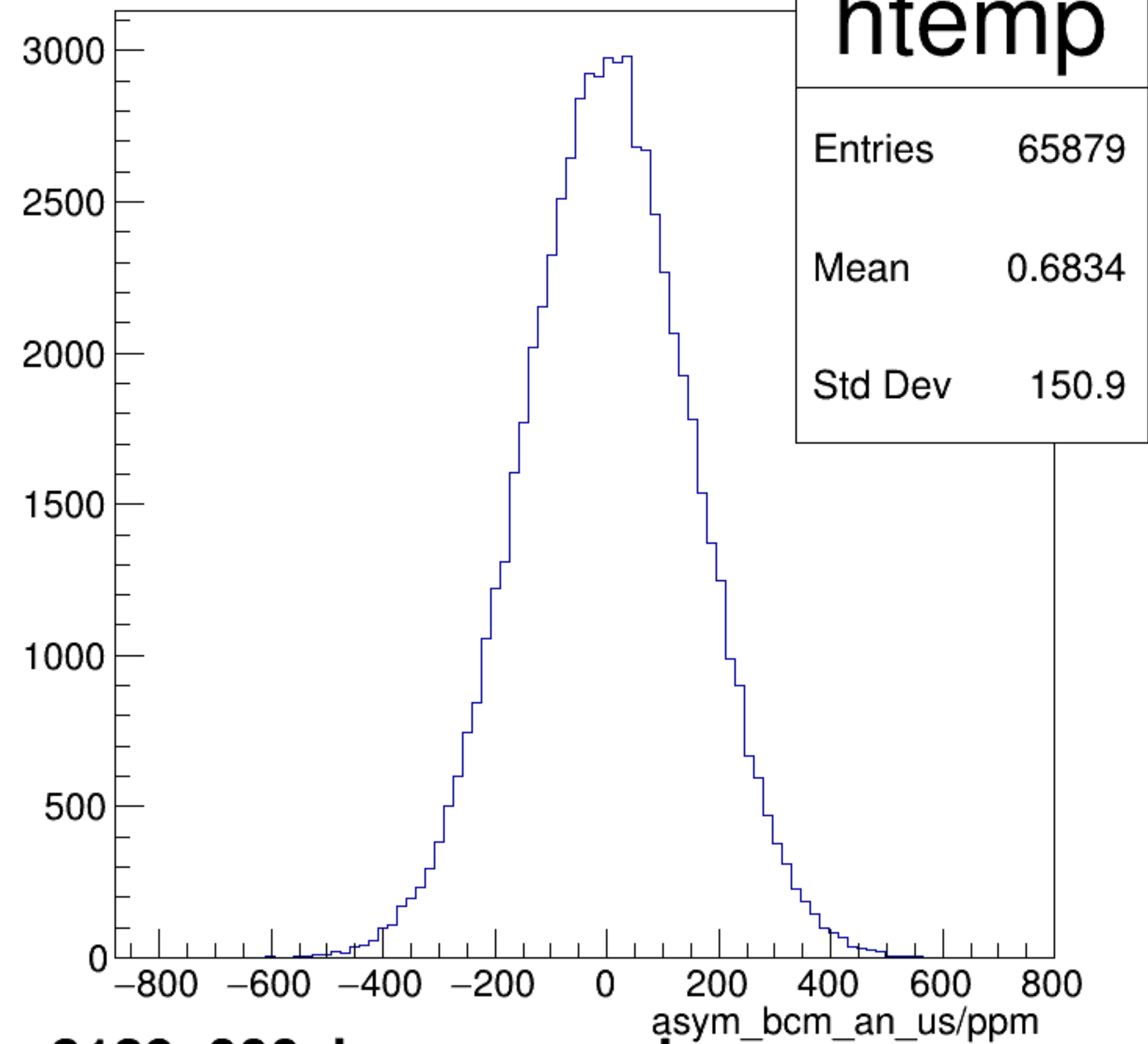
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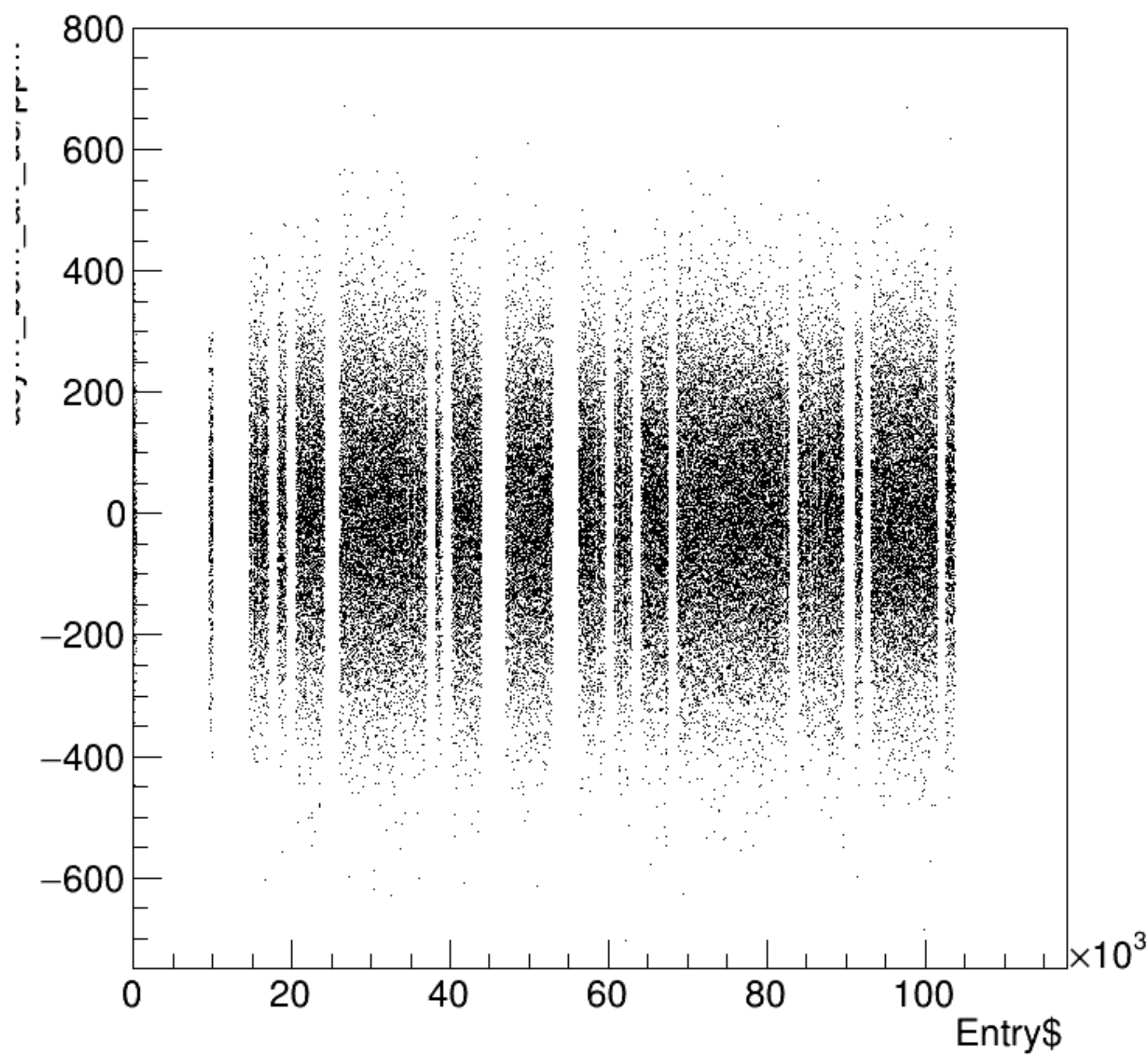
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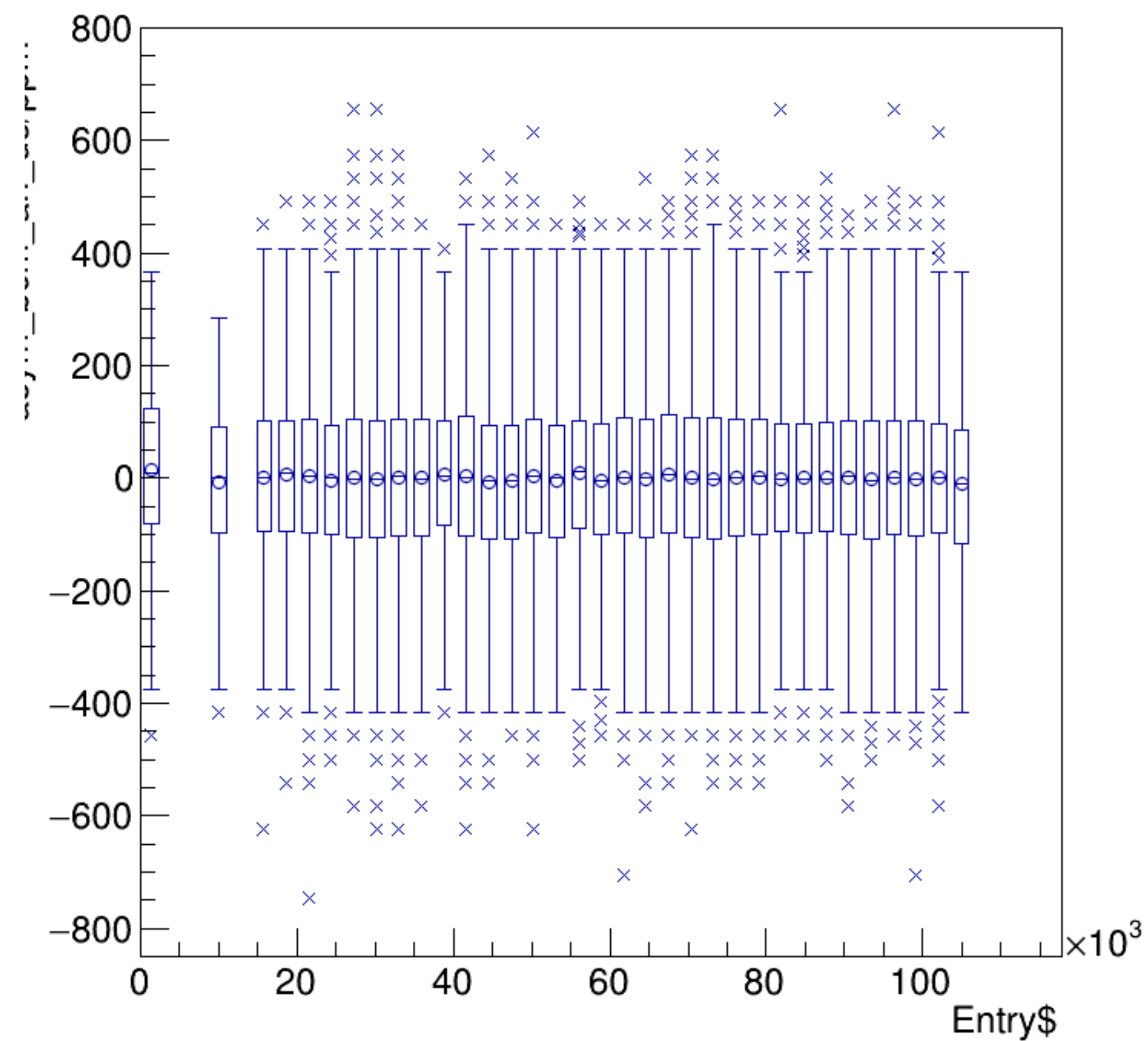
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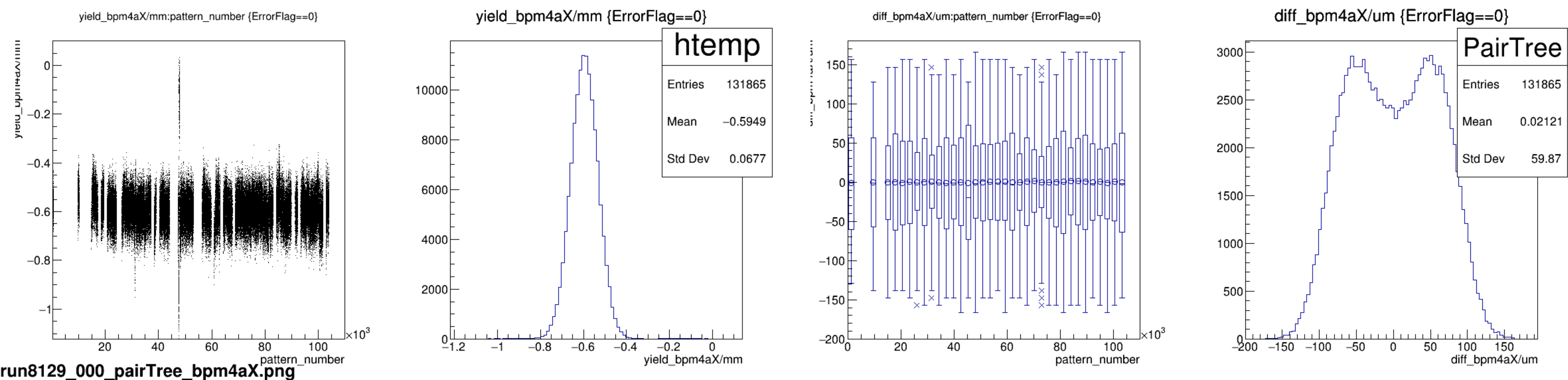


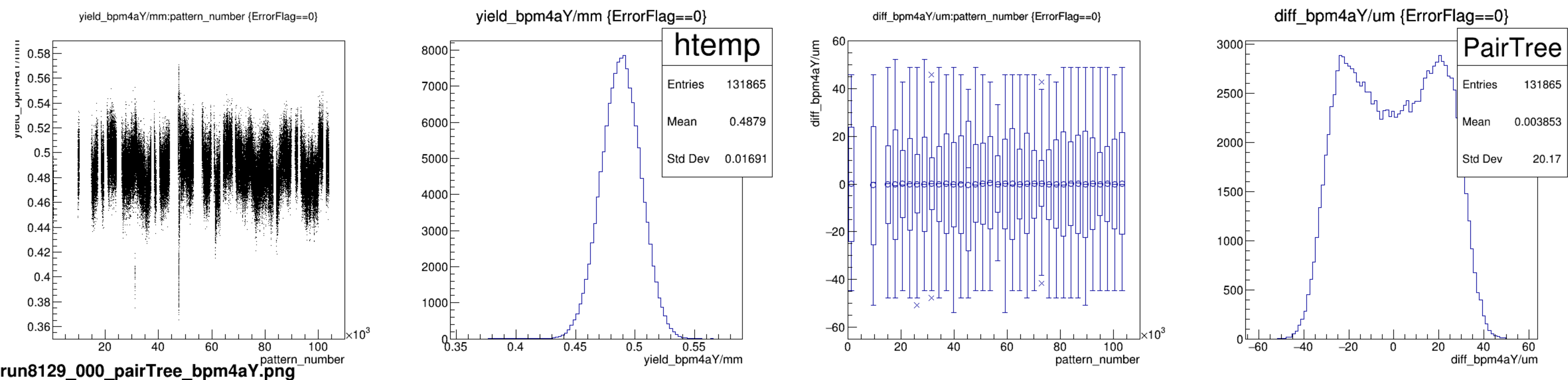
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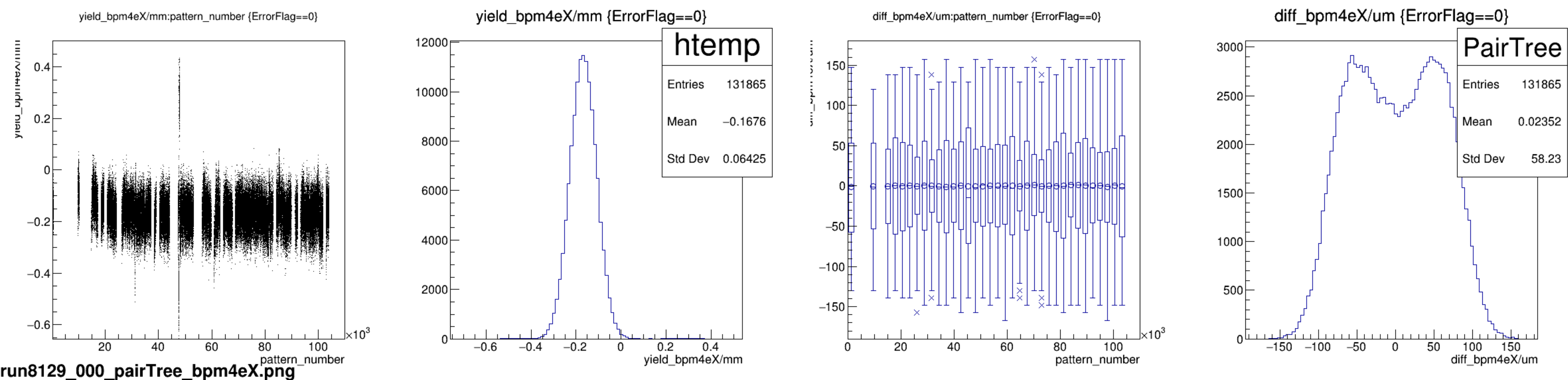


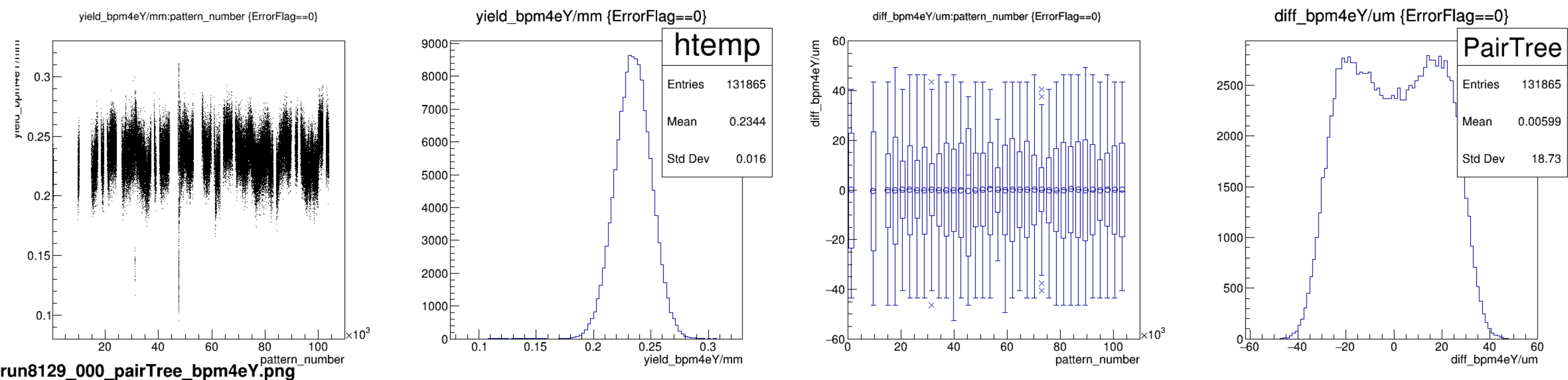
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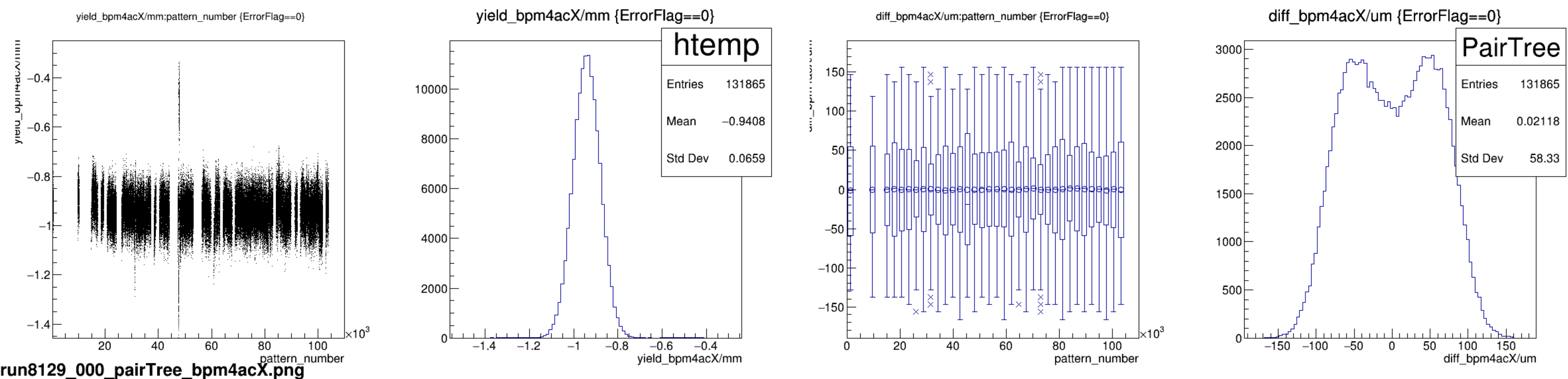


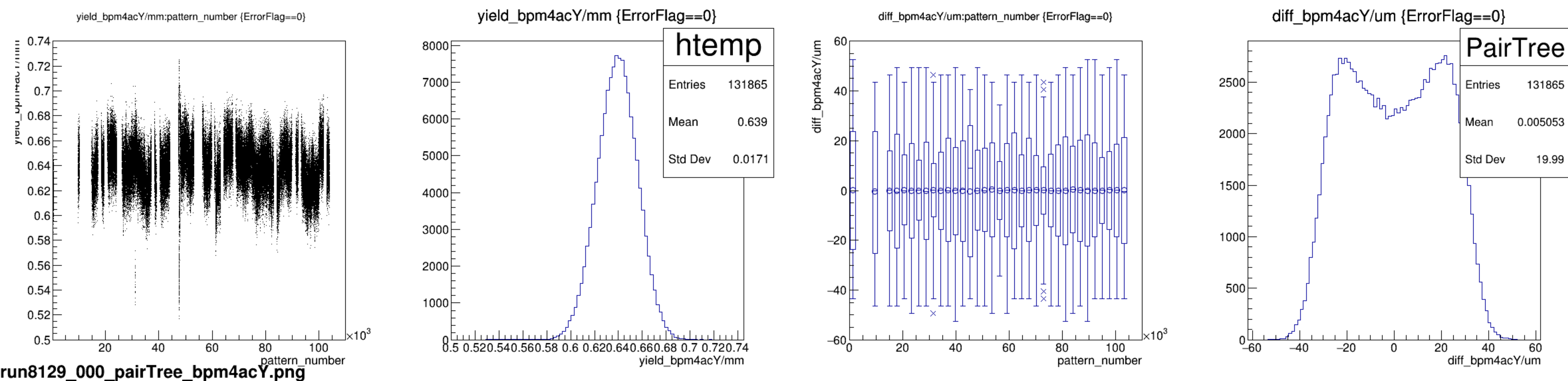


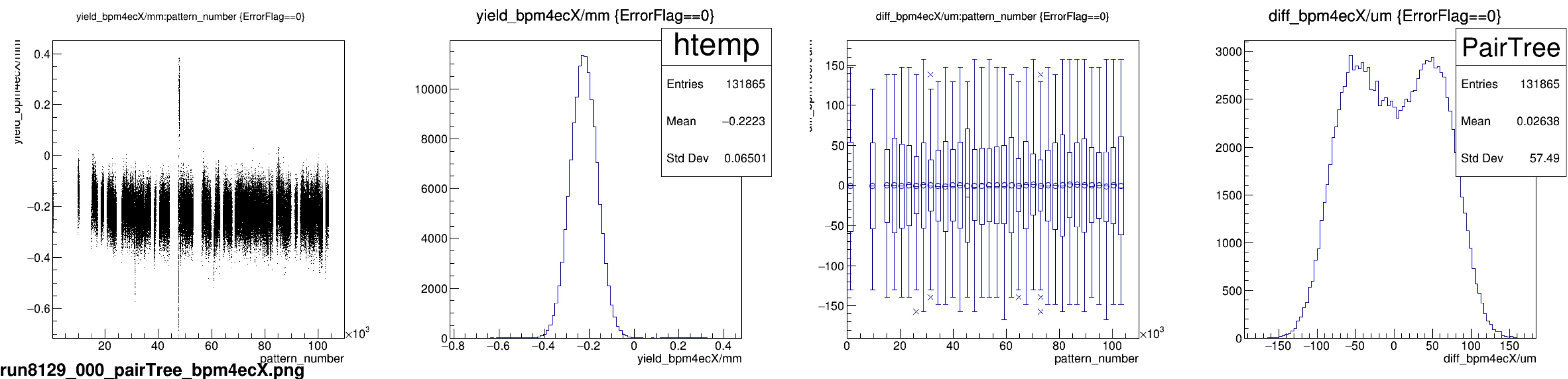




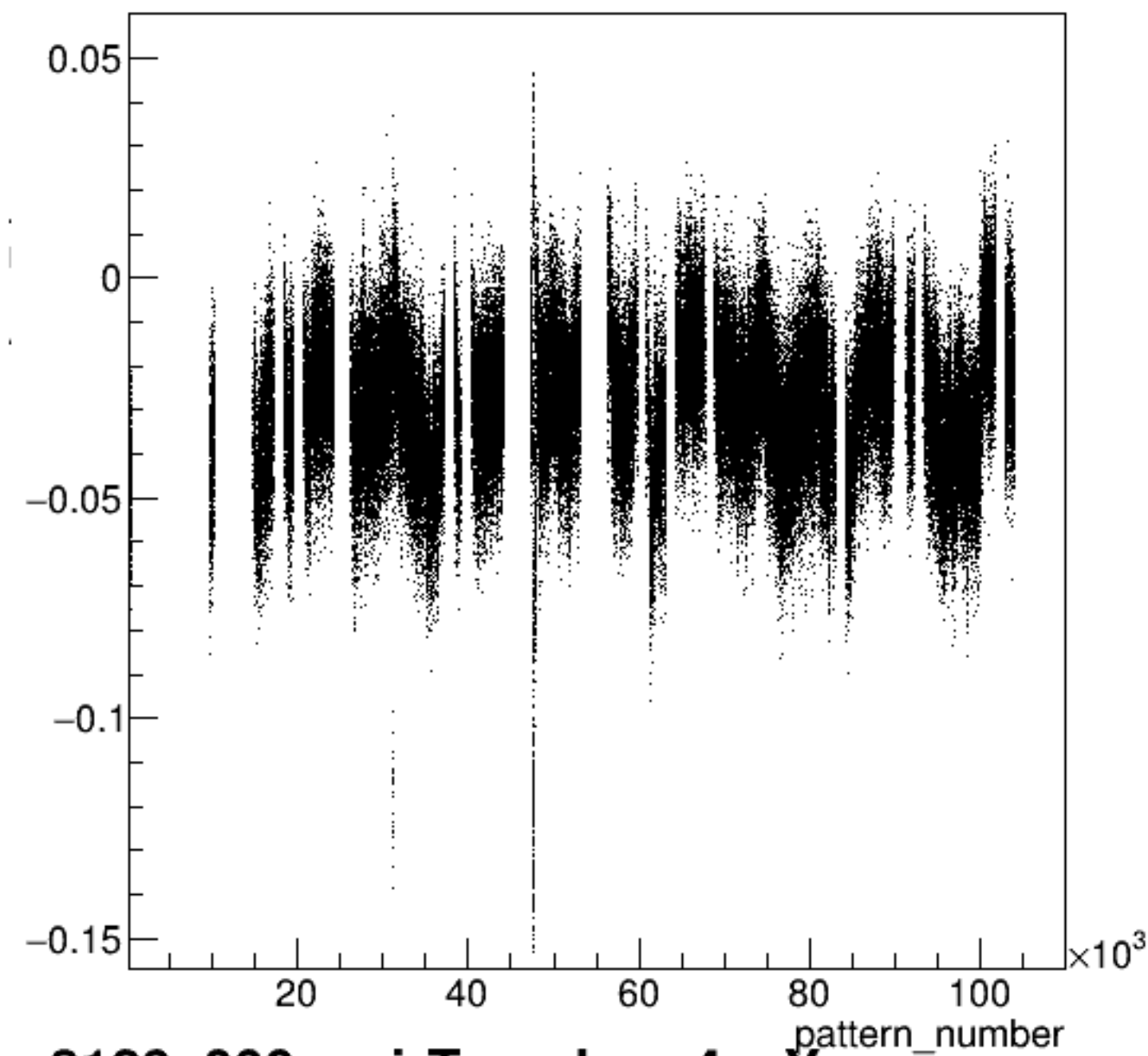






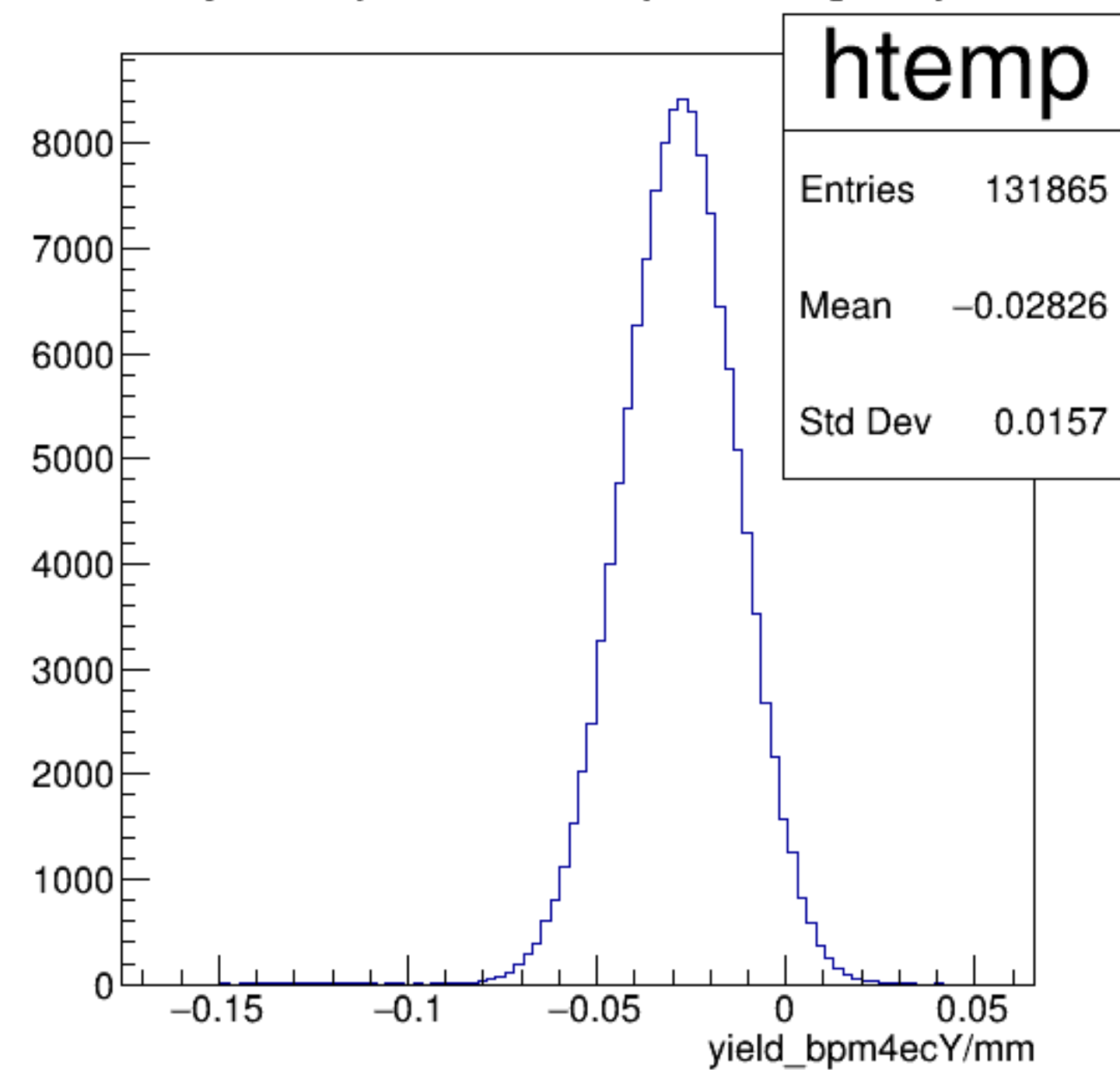


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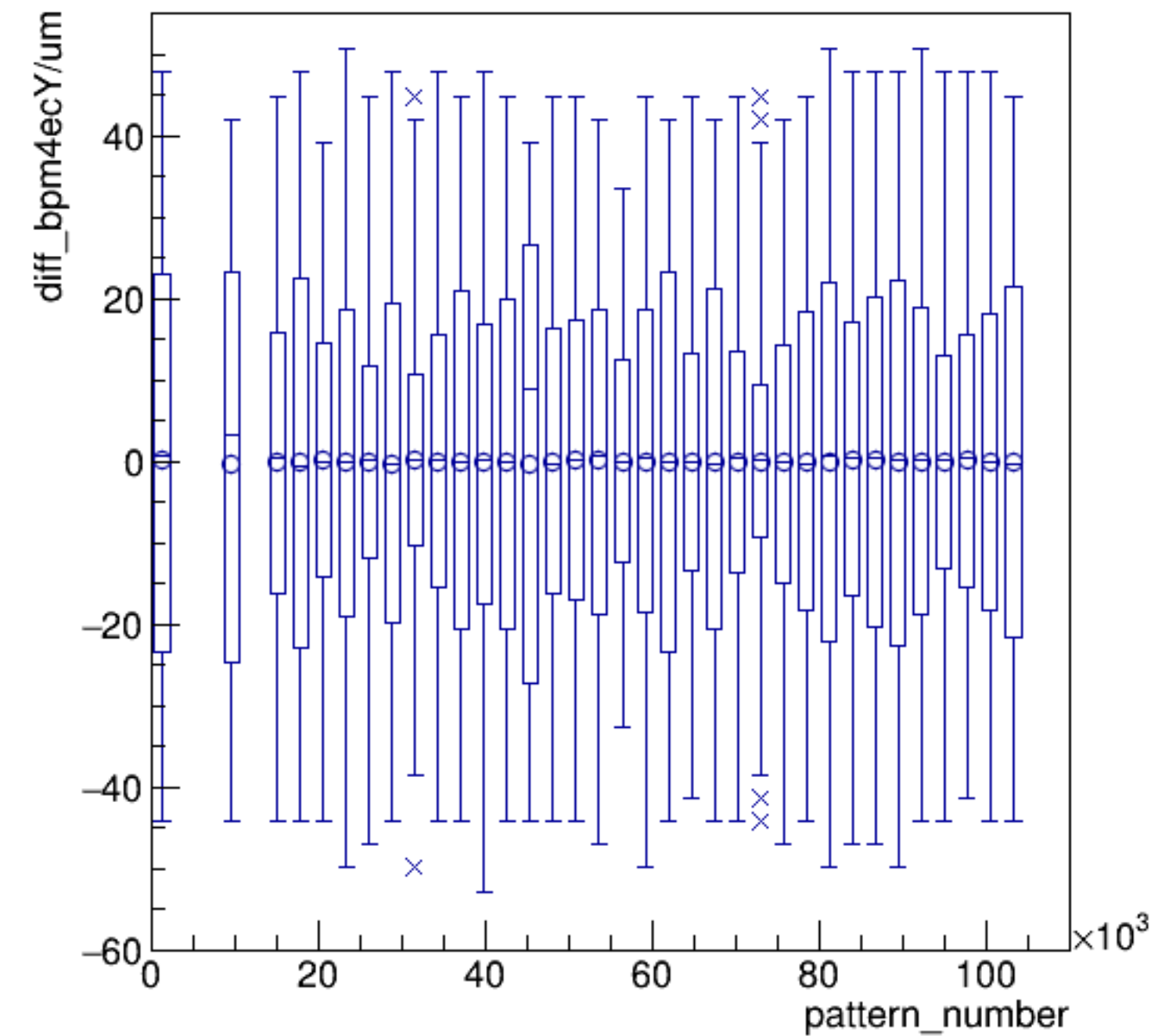


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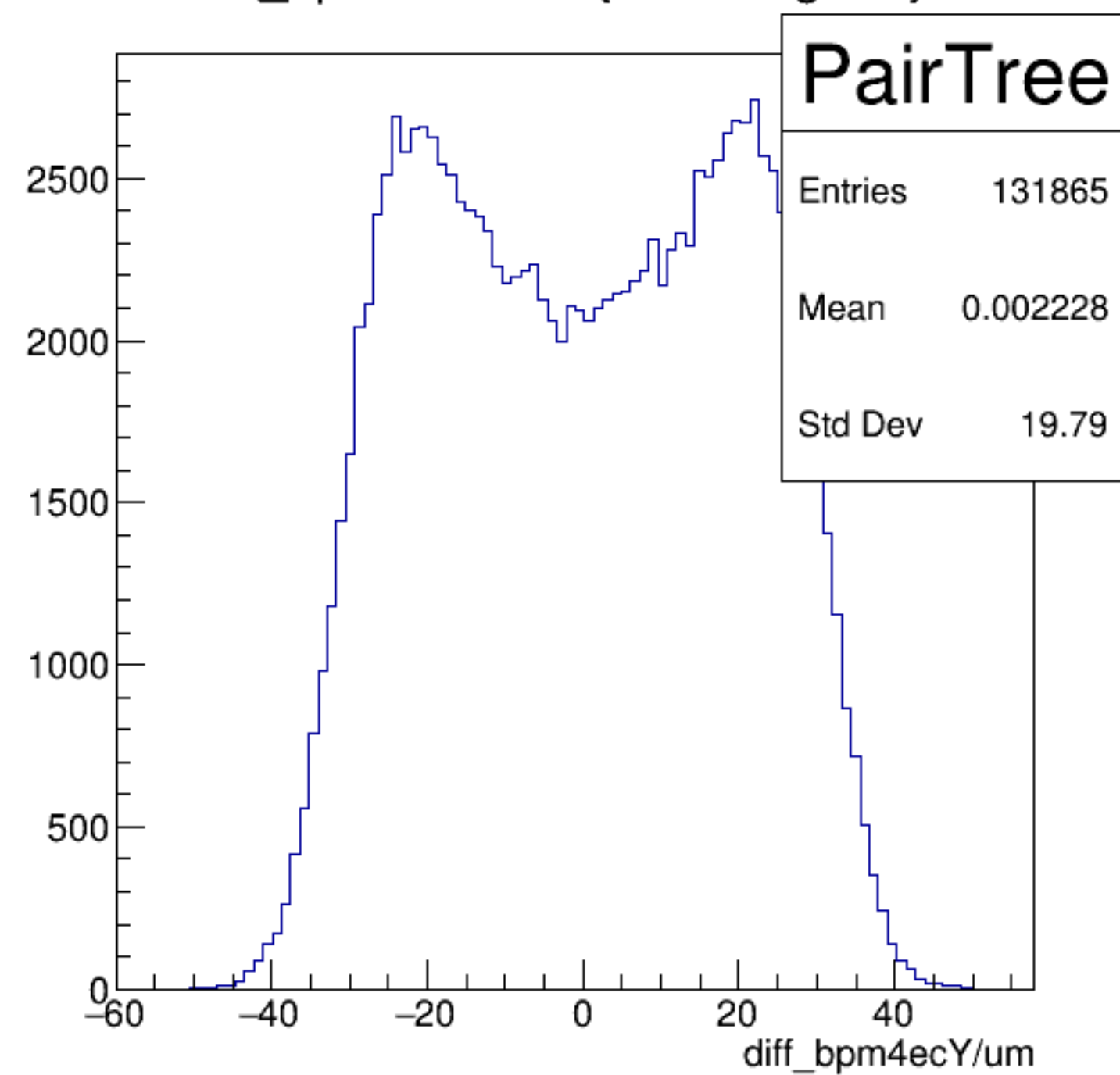
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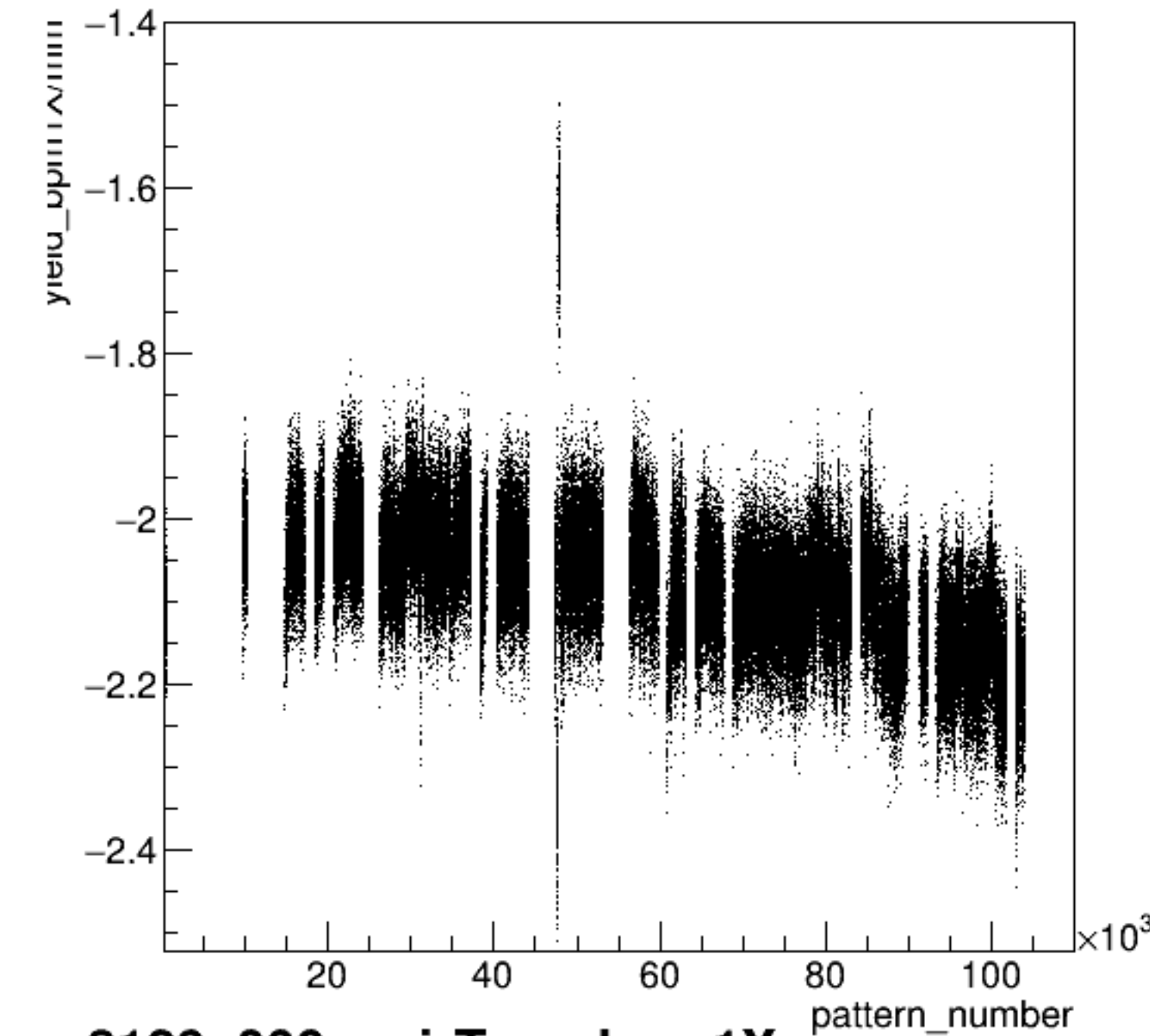
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diff_bpm4ecY/um {ErrorFlag==0}

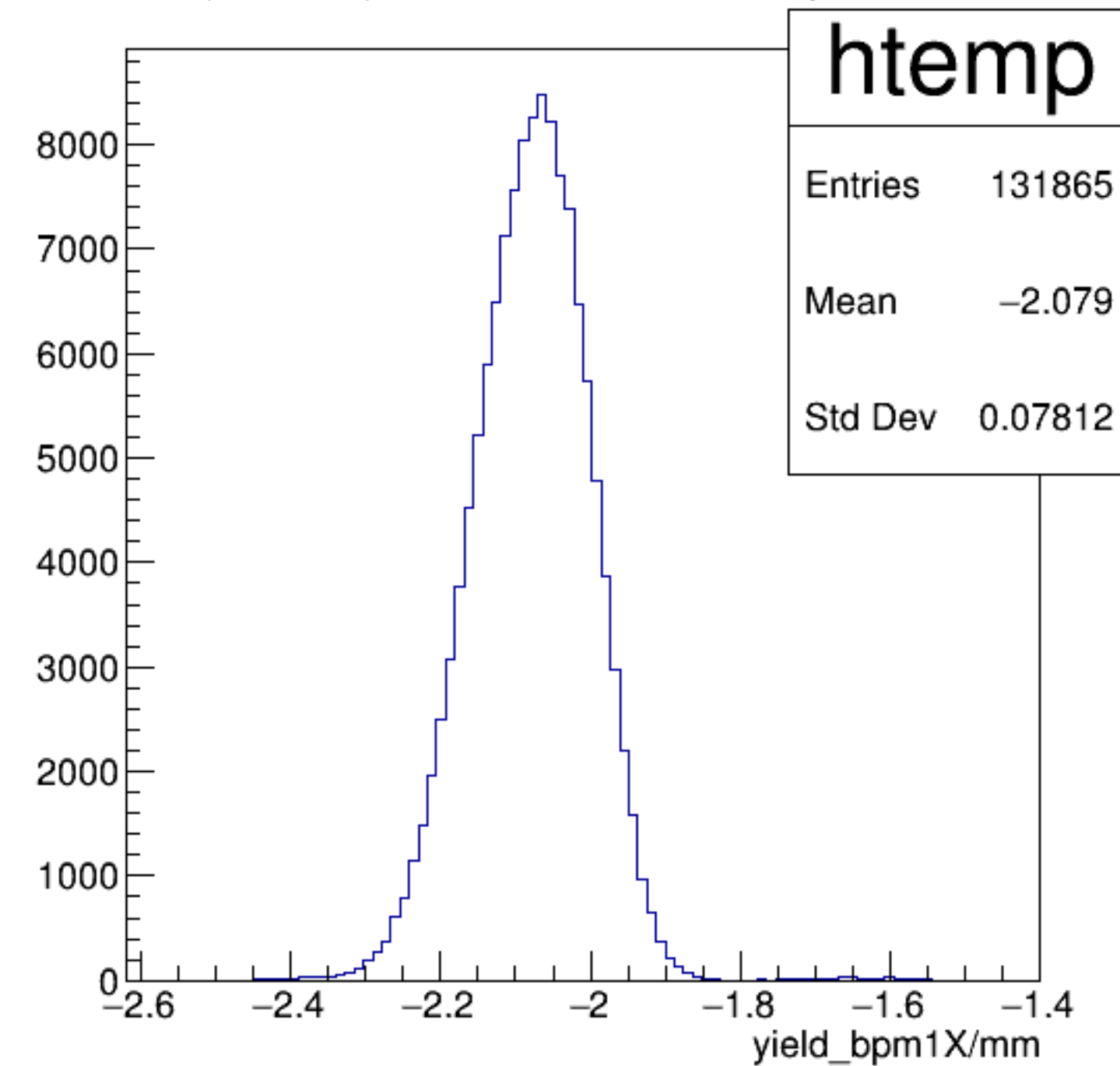


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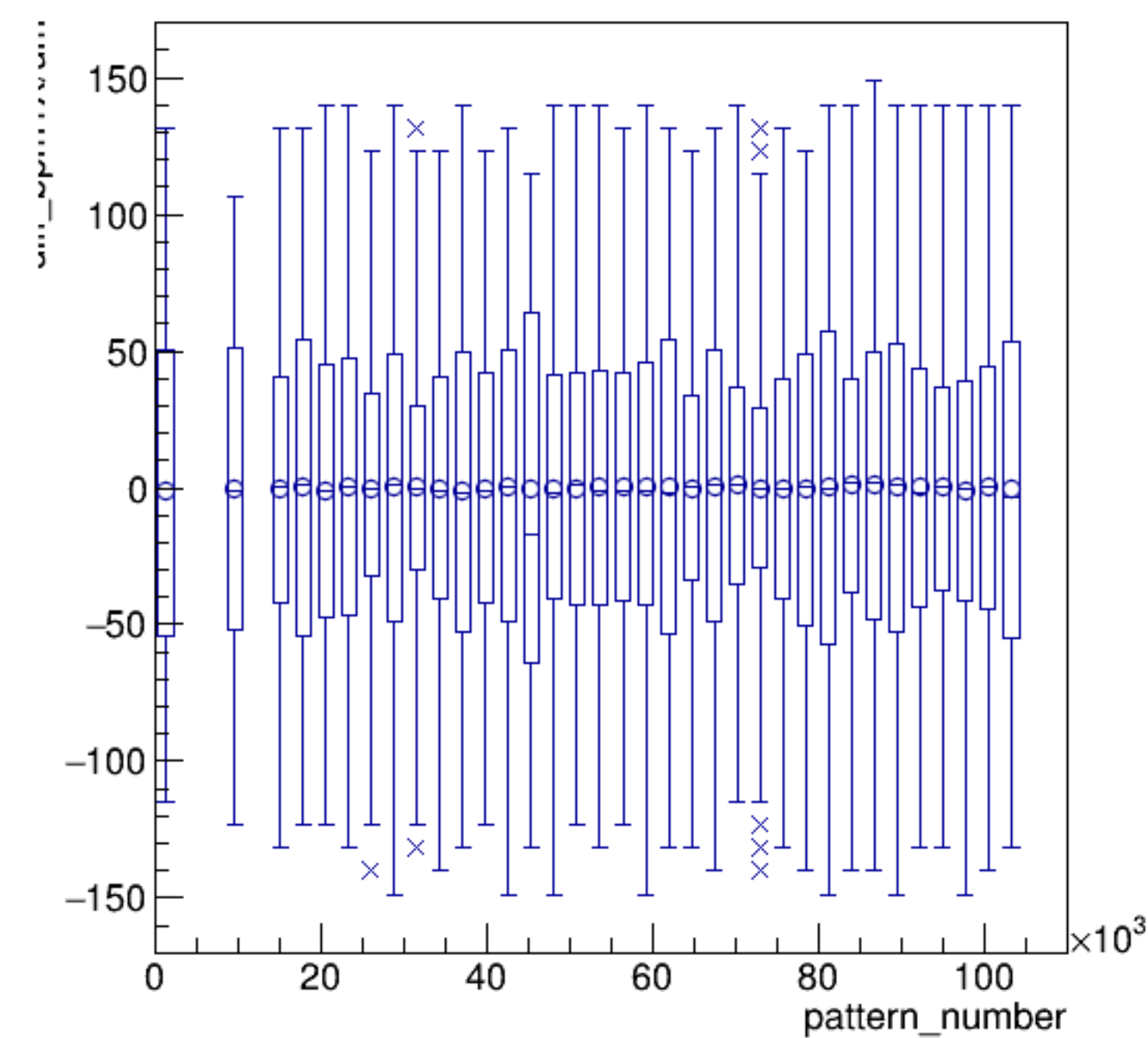


run8129_000_pairTree_bpm1X.png

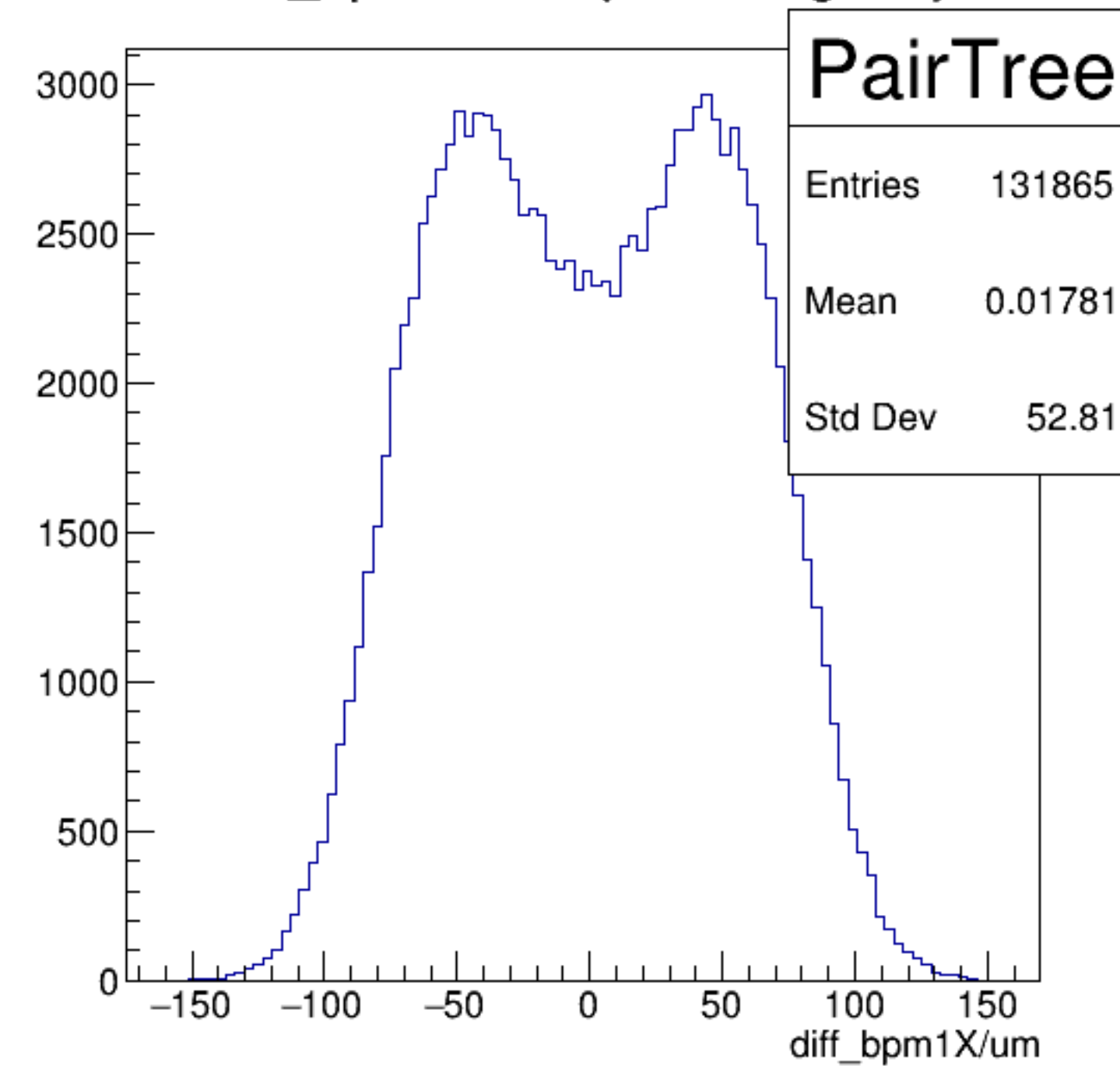
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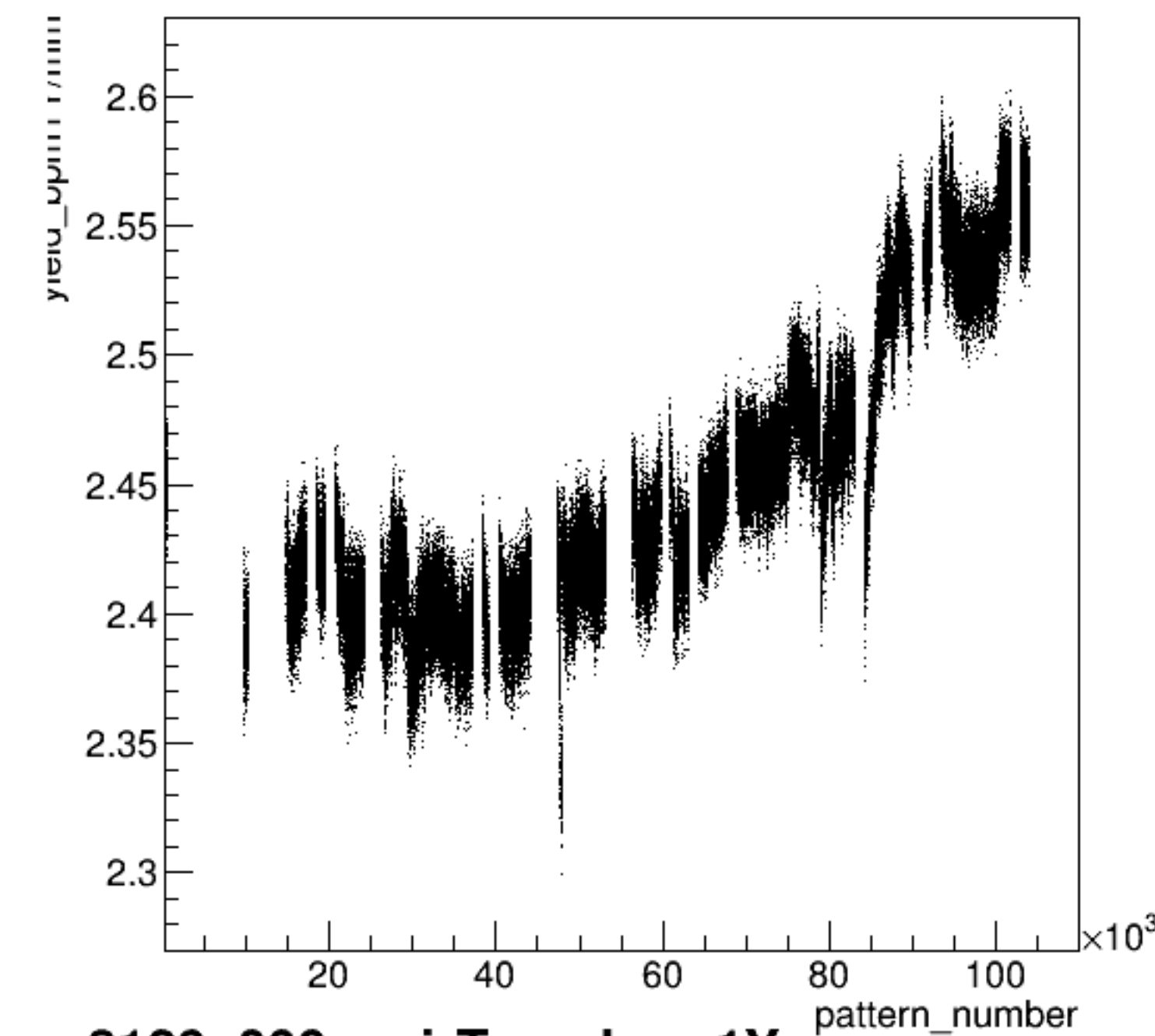
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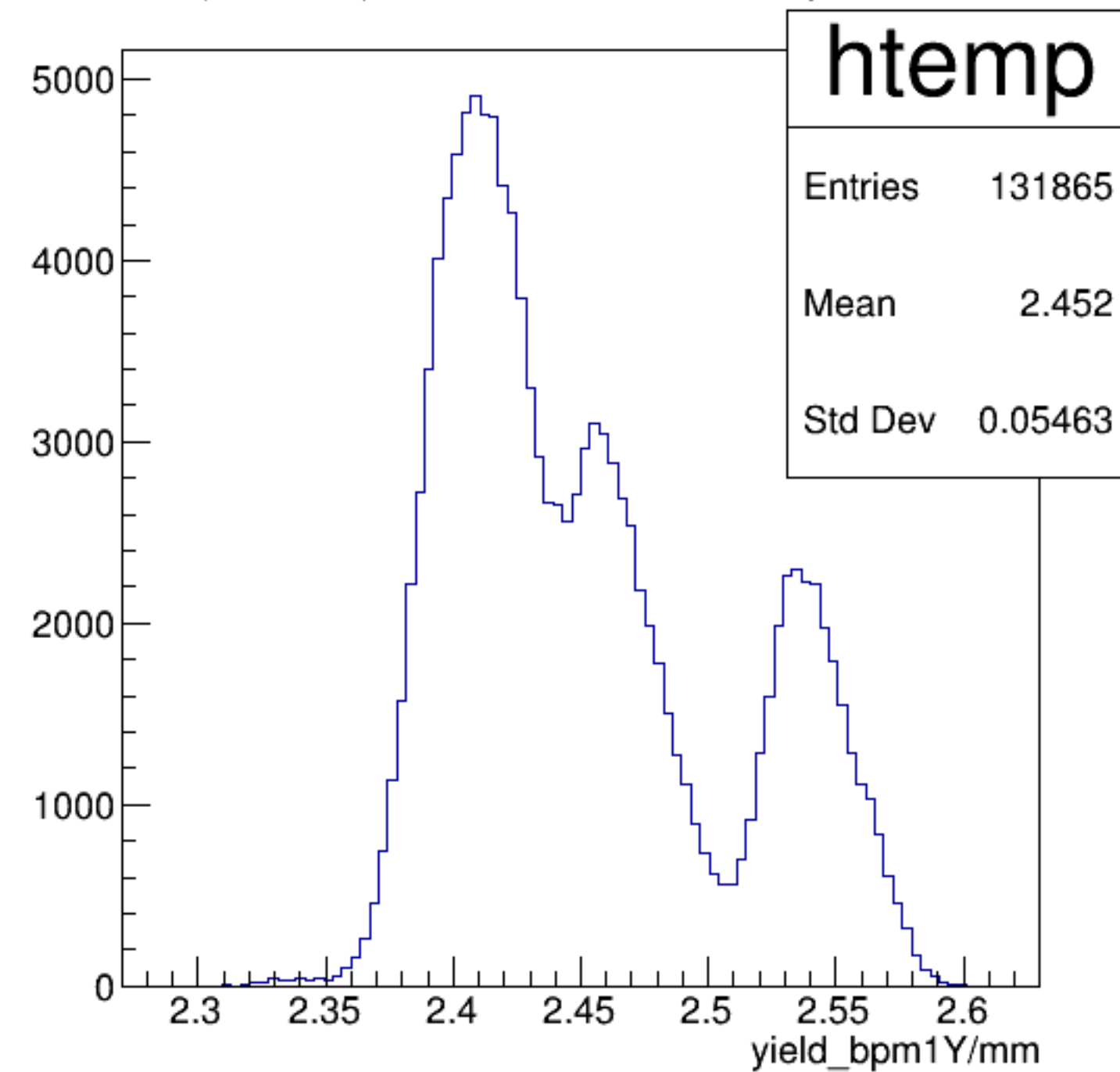
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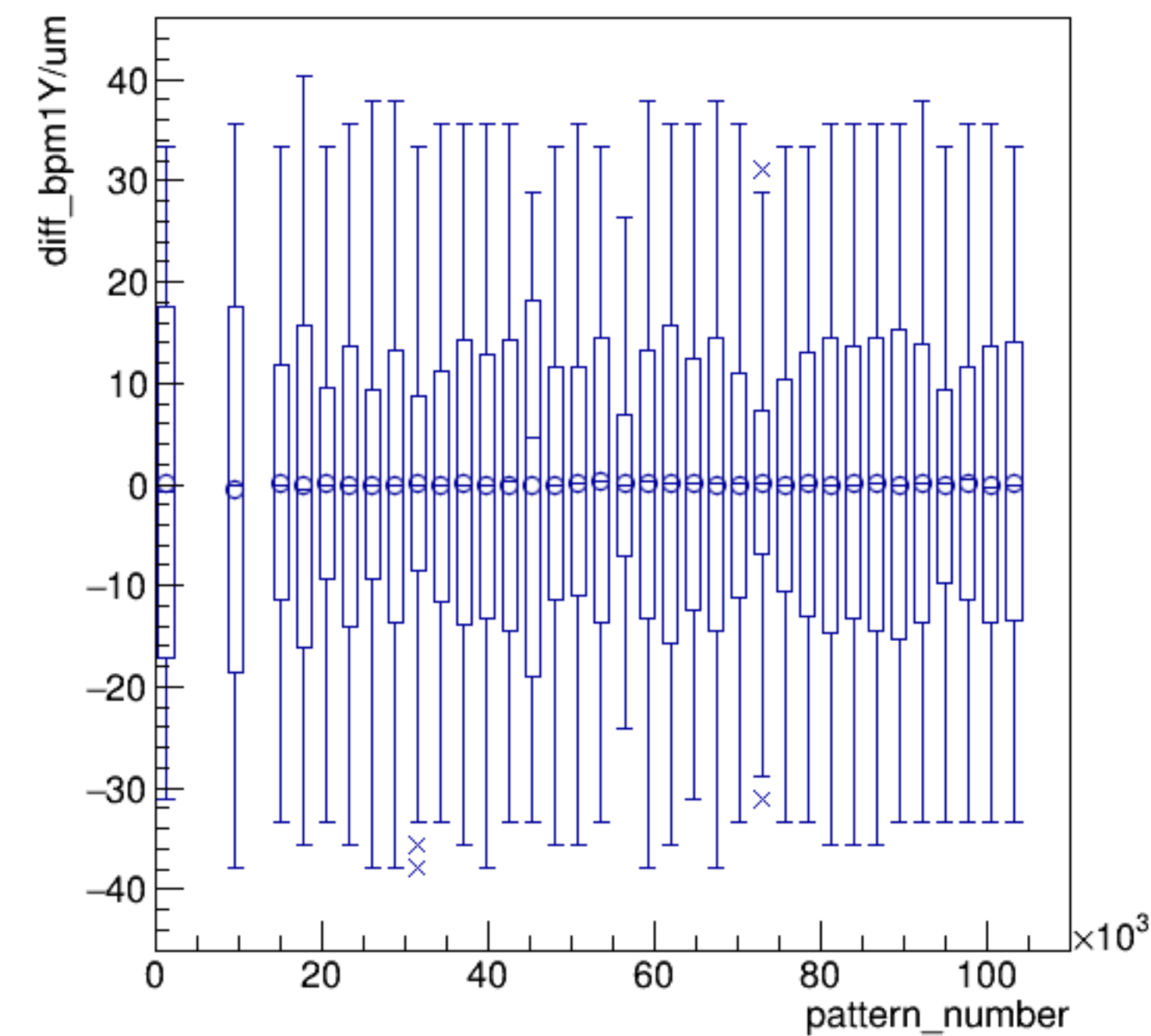
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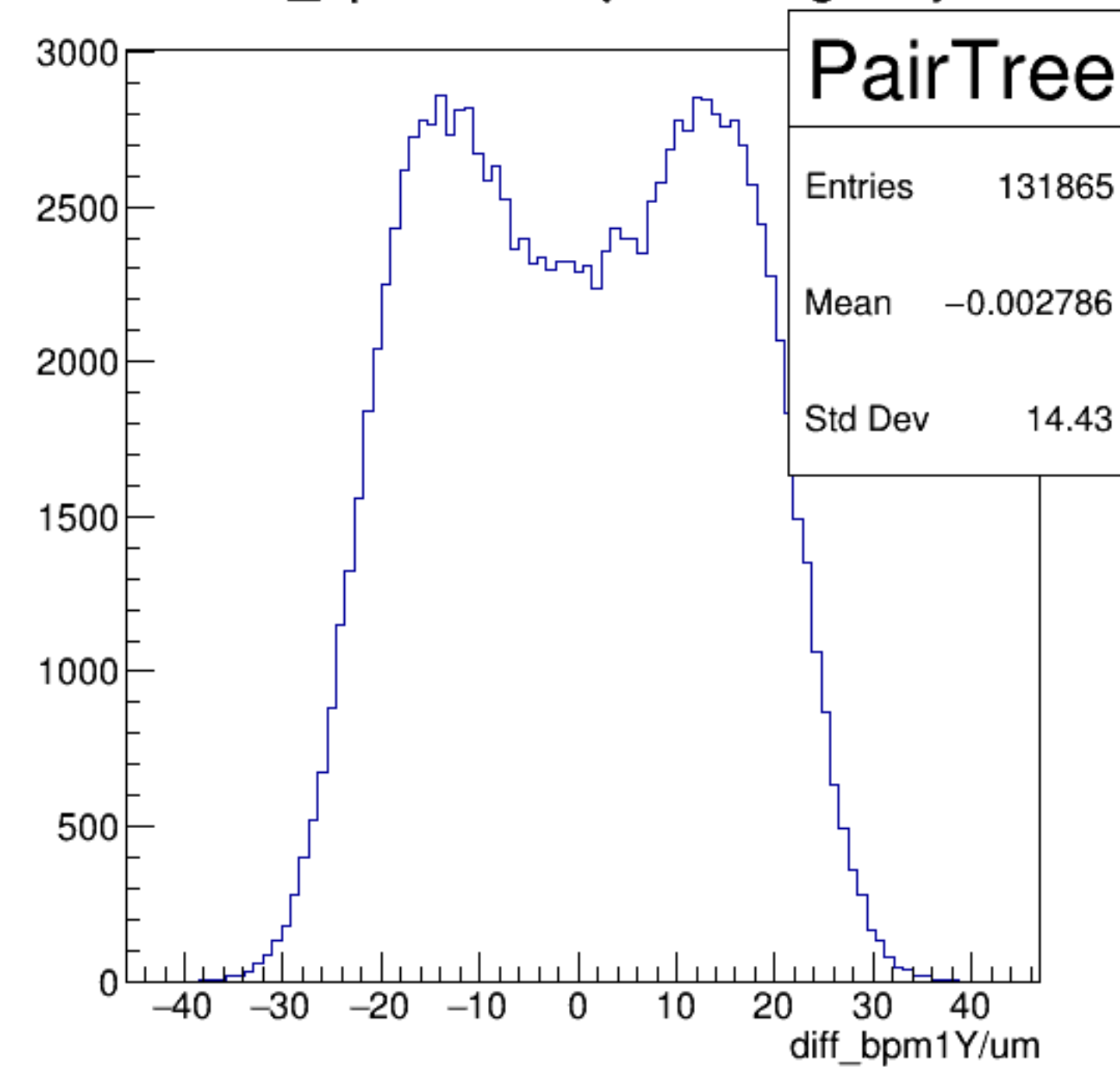
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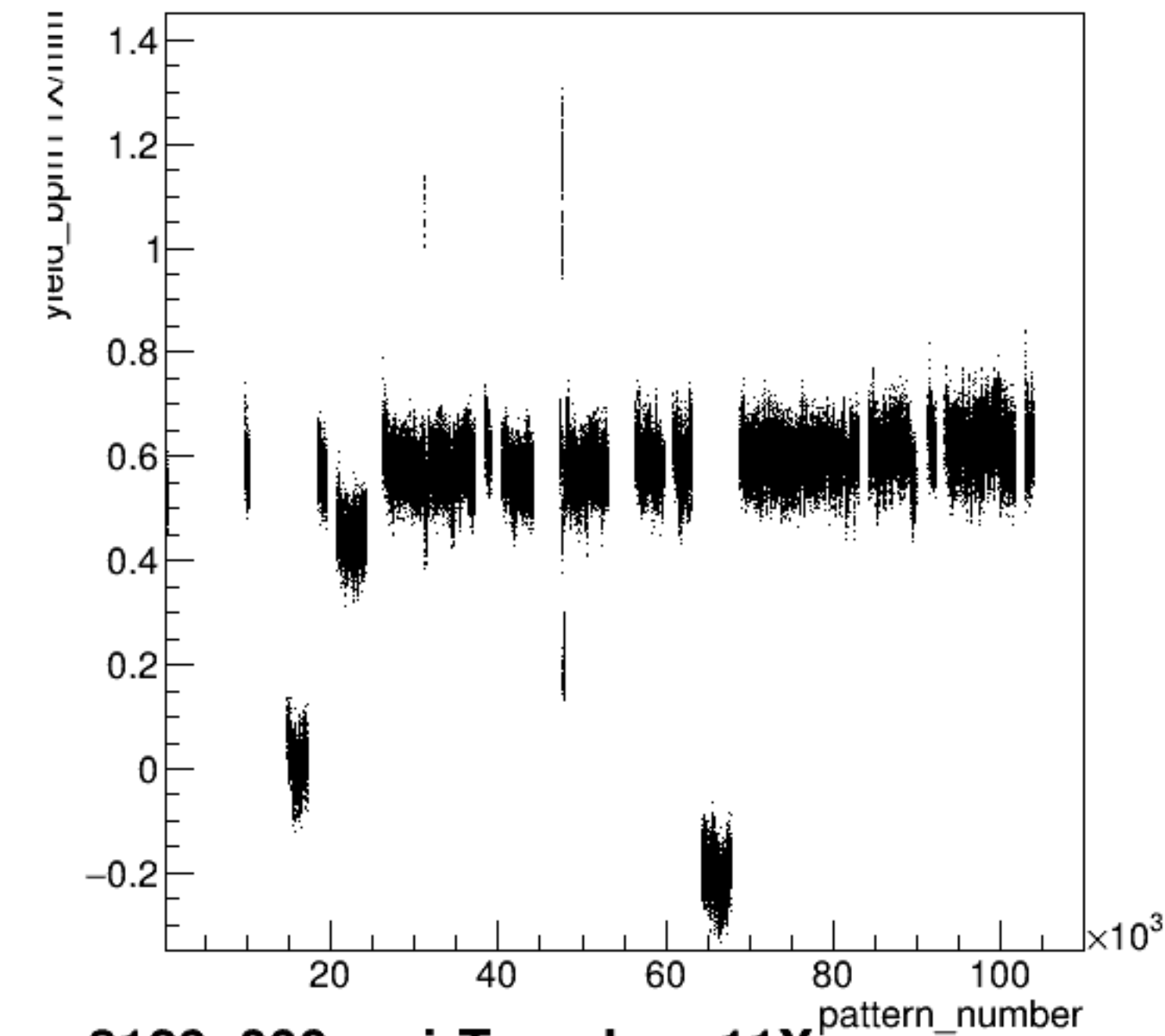
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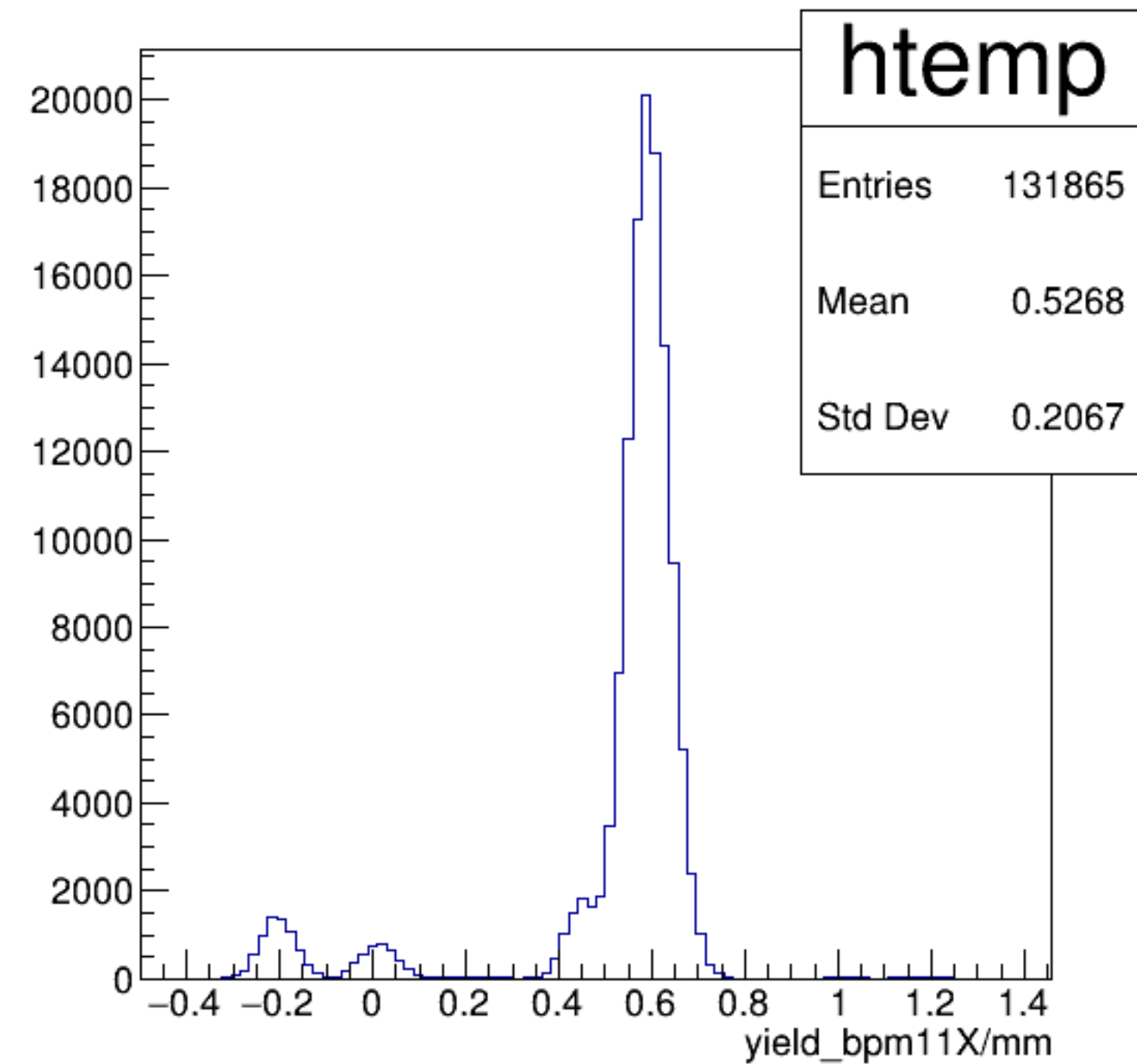
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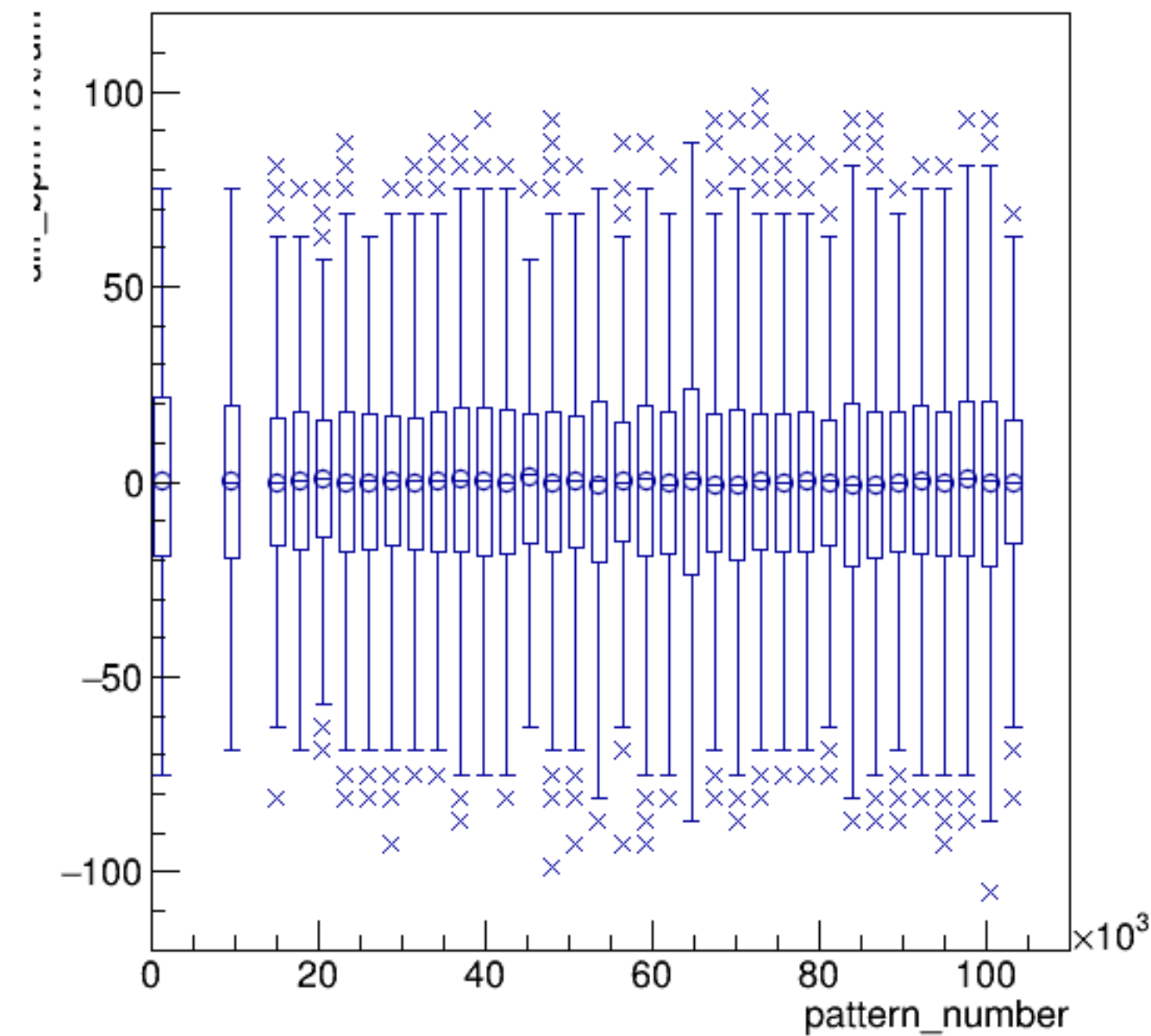
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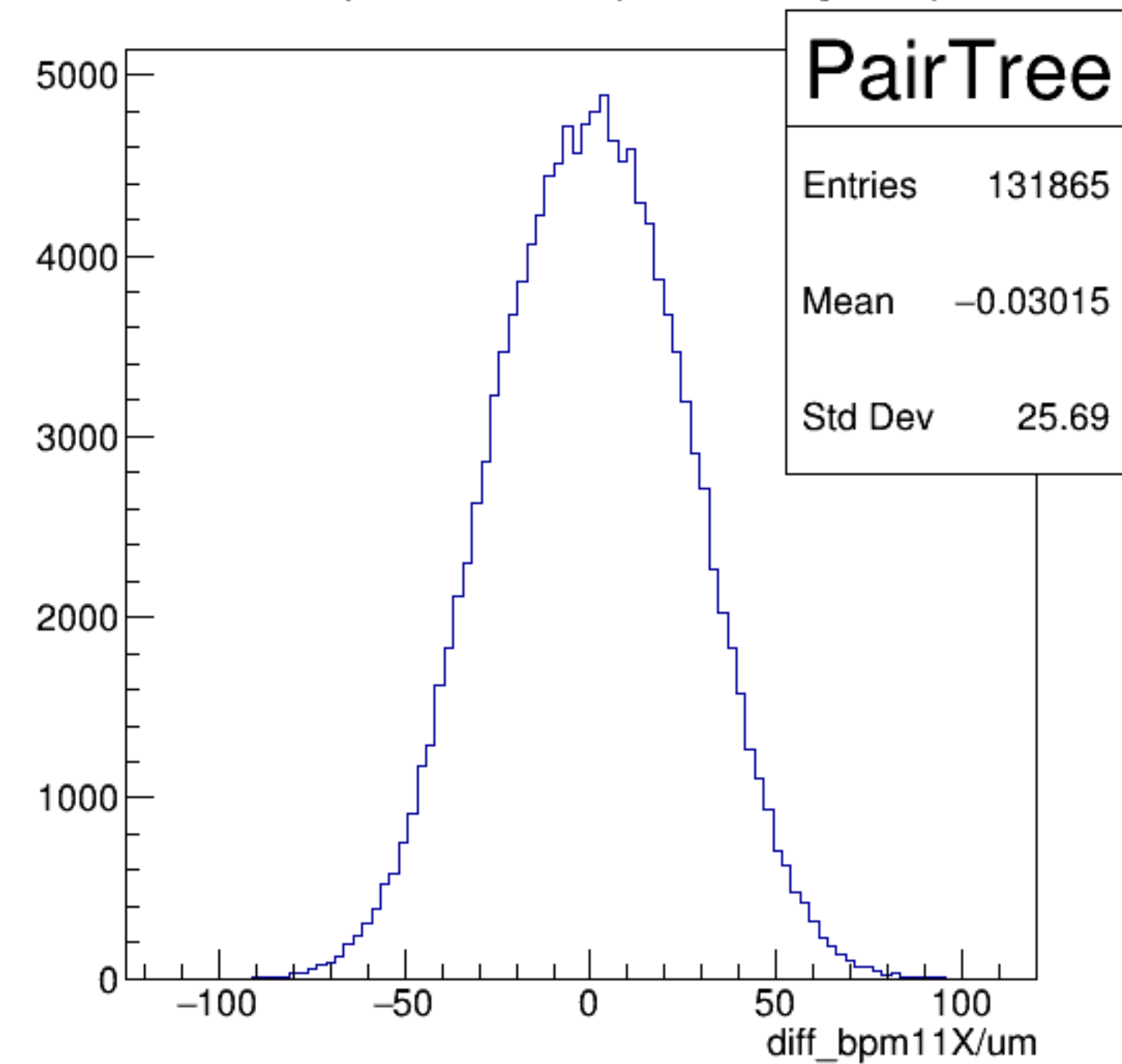
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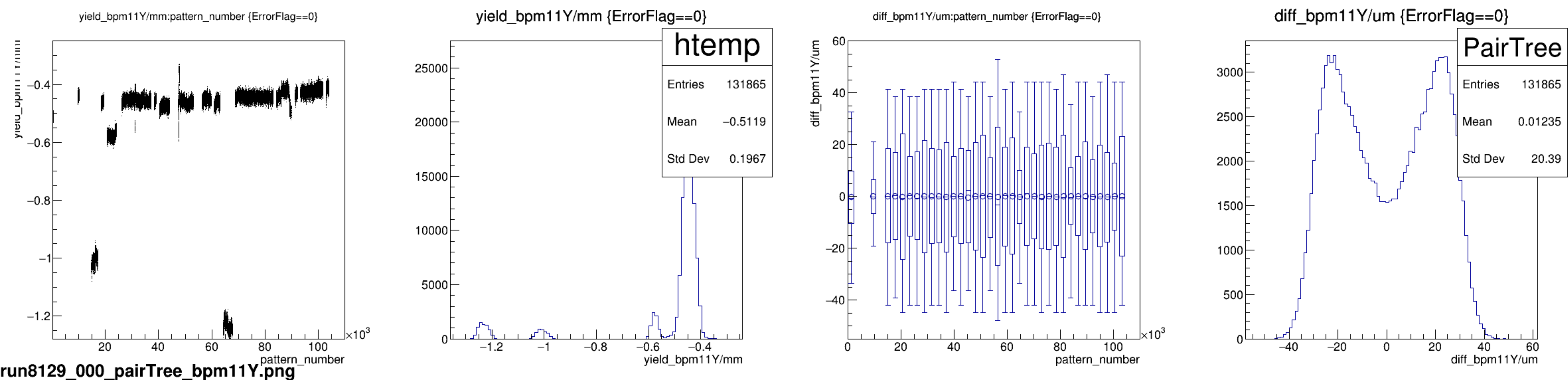


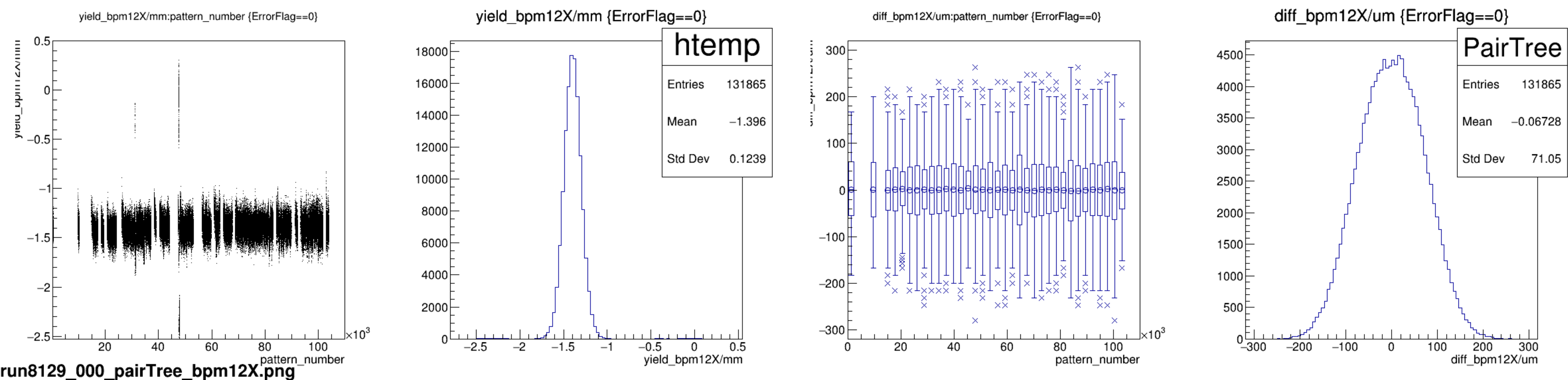
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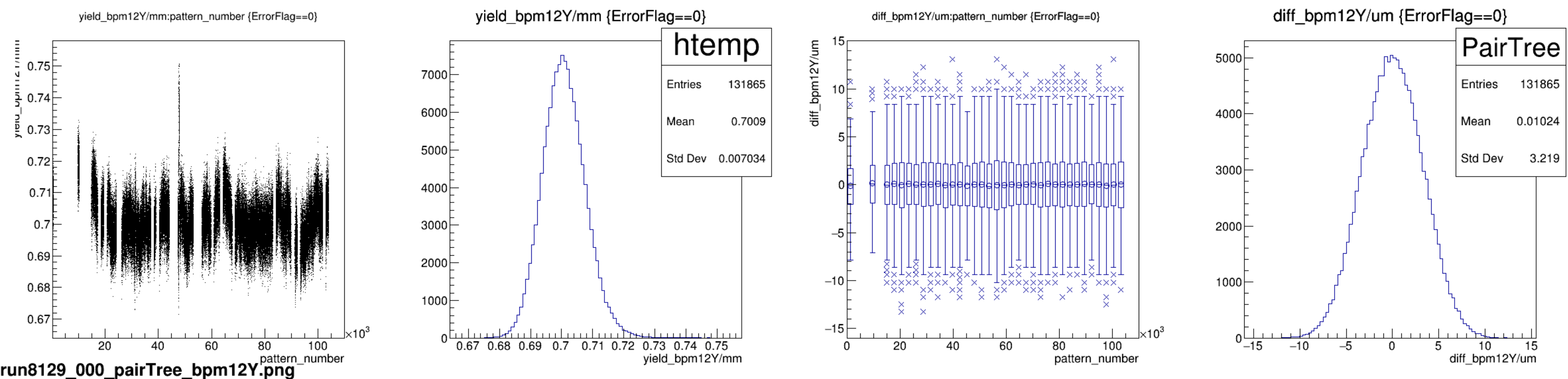


diff_bpm11X/um {ErrorFlag==0}

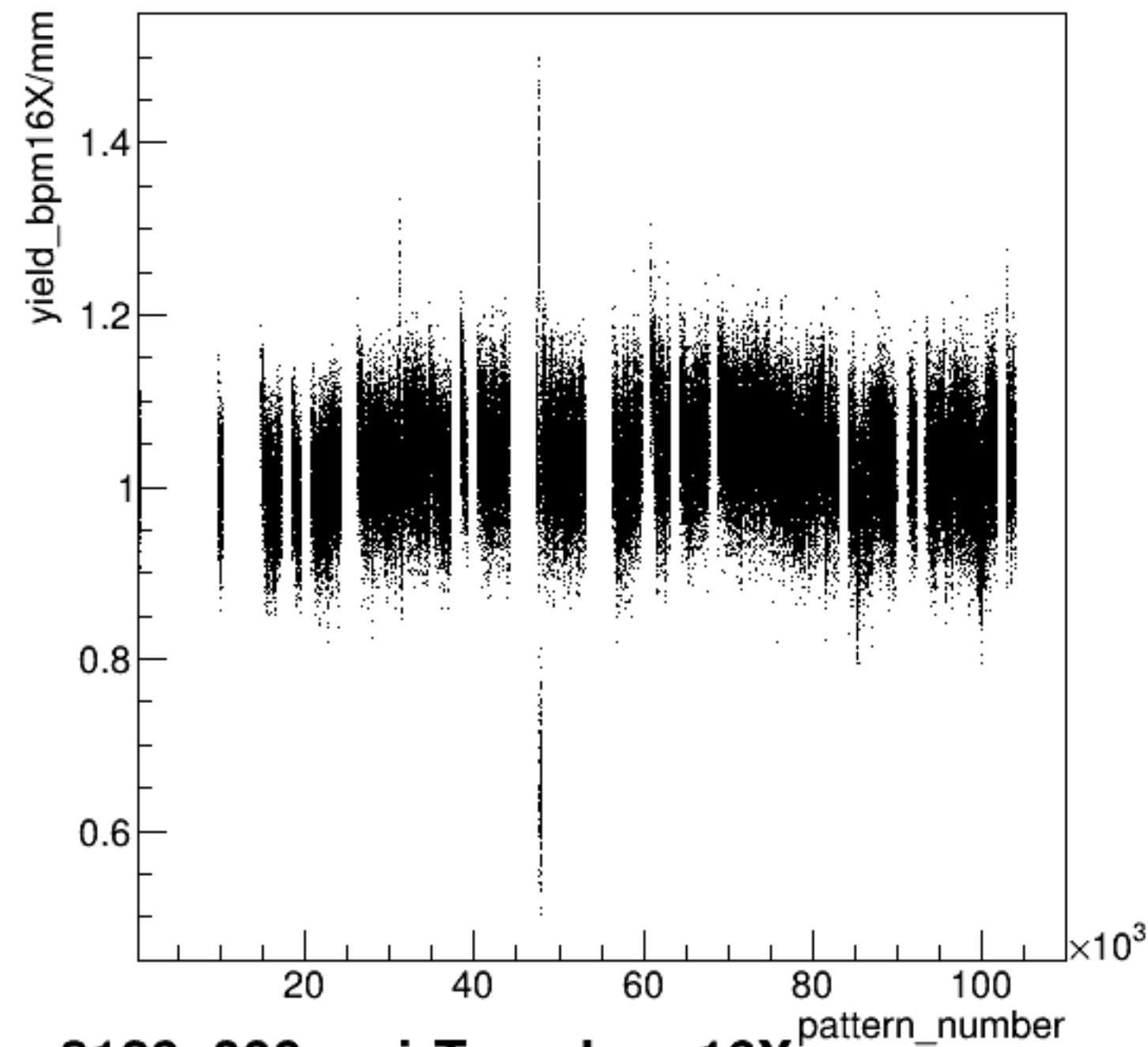






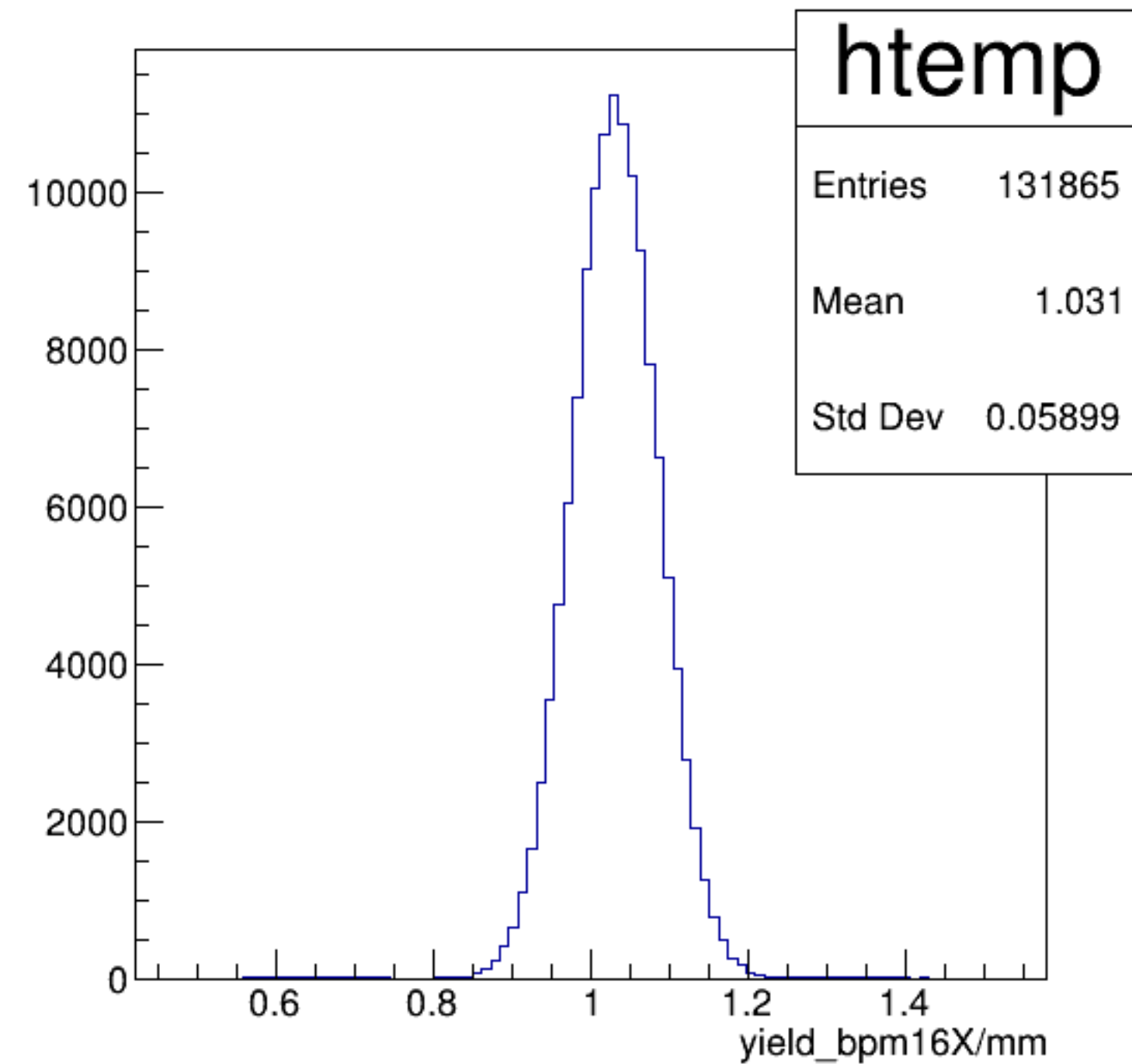


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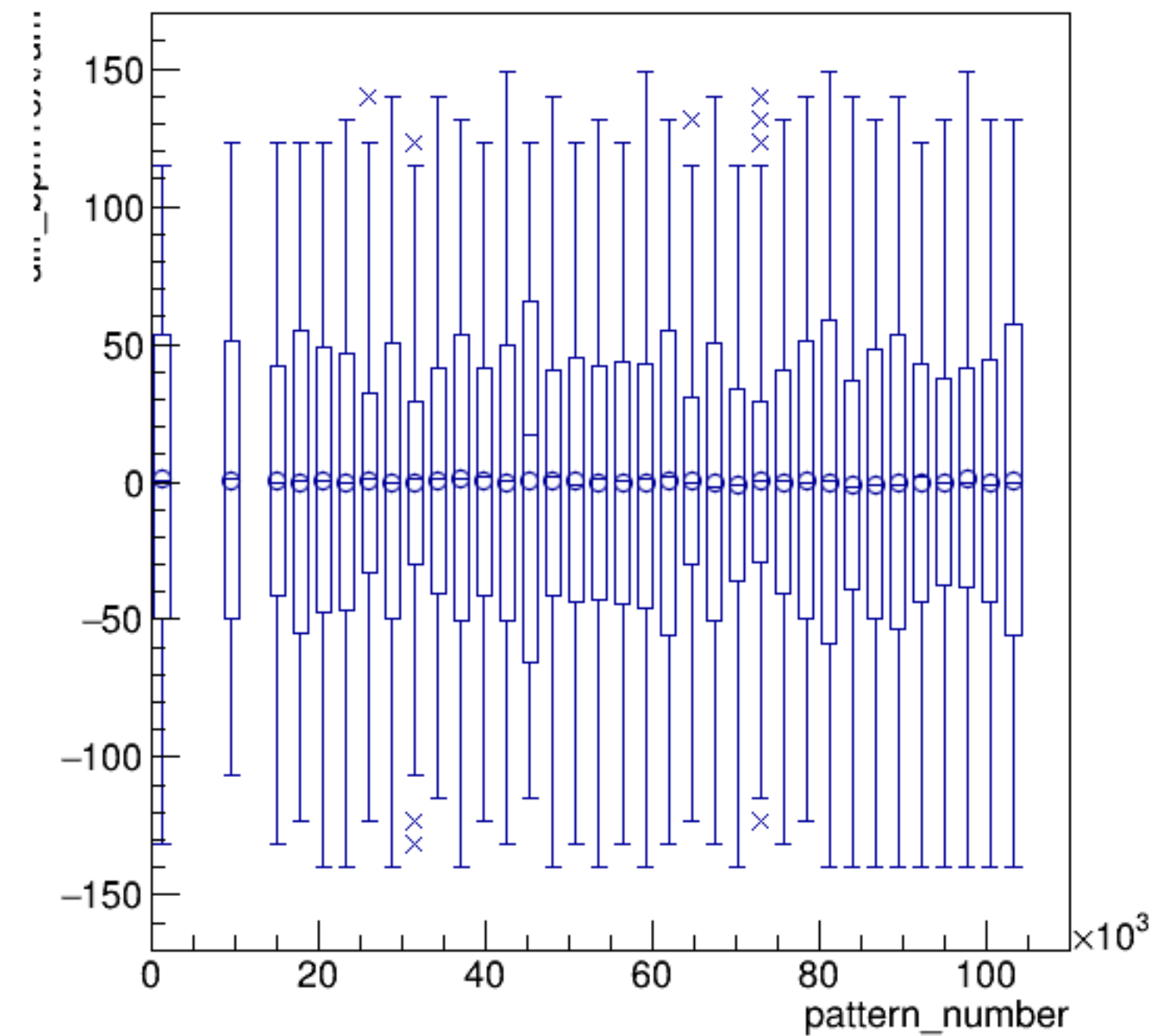


run8129_000_pairTree_bpm16X.png

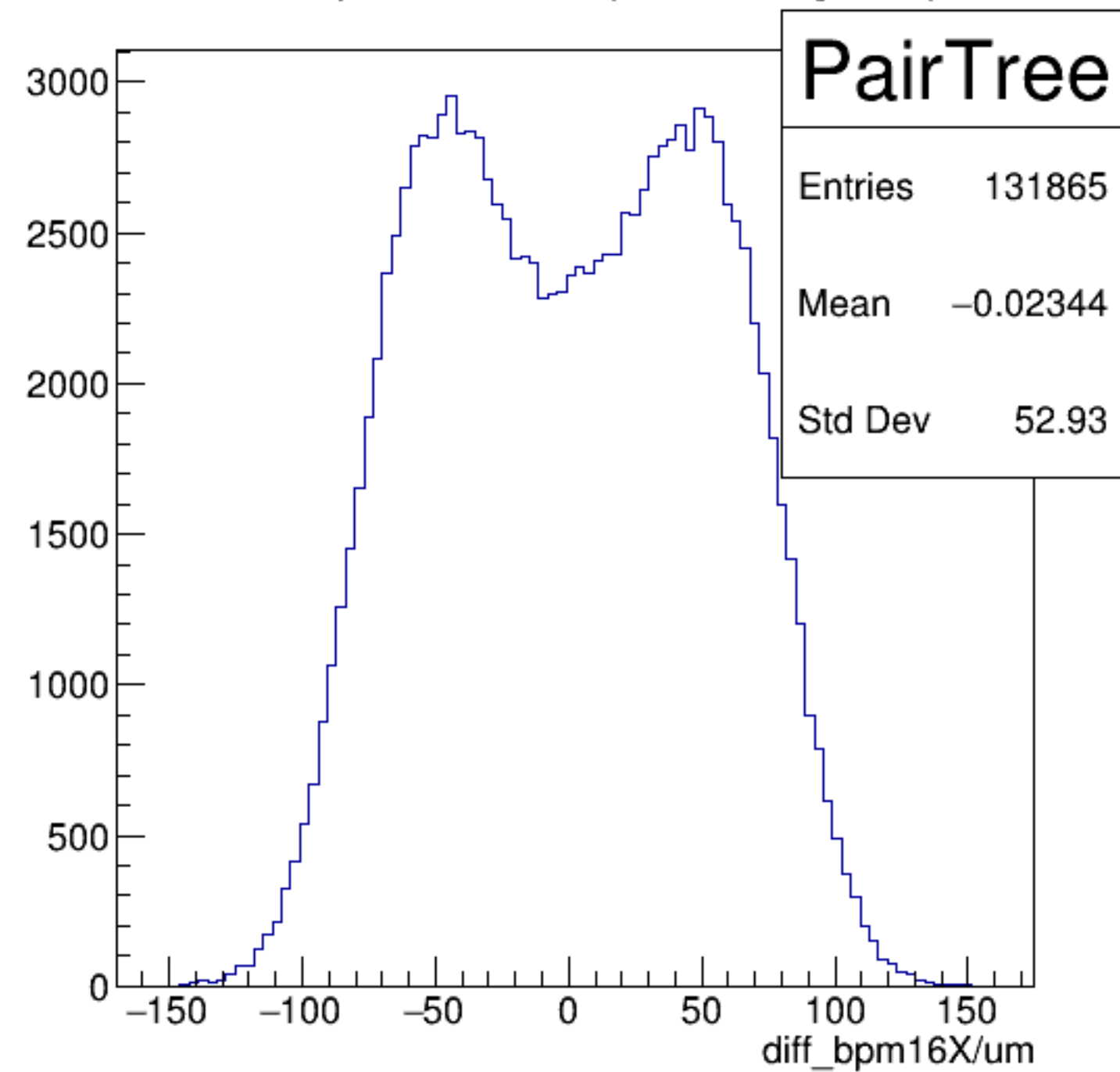
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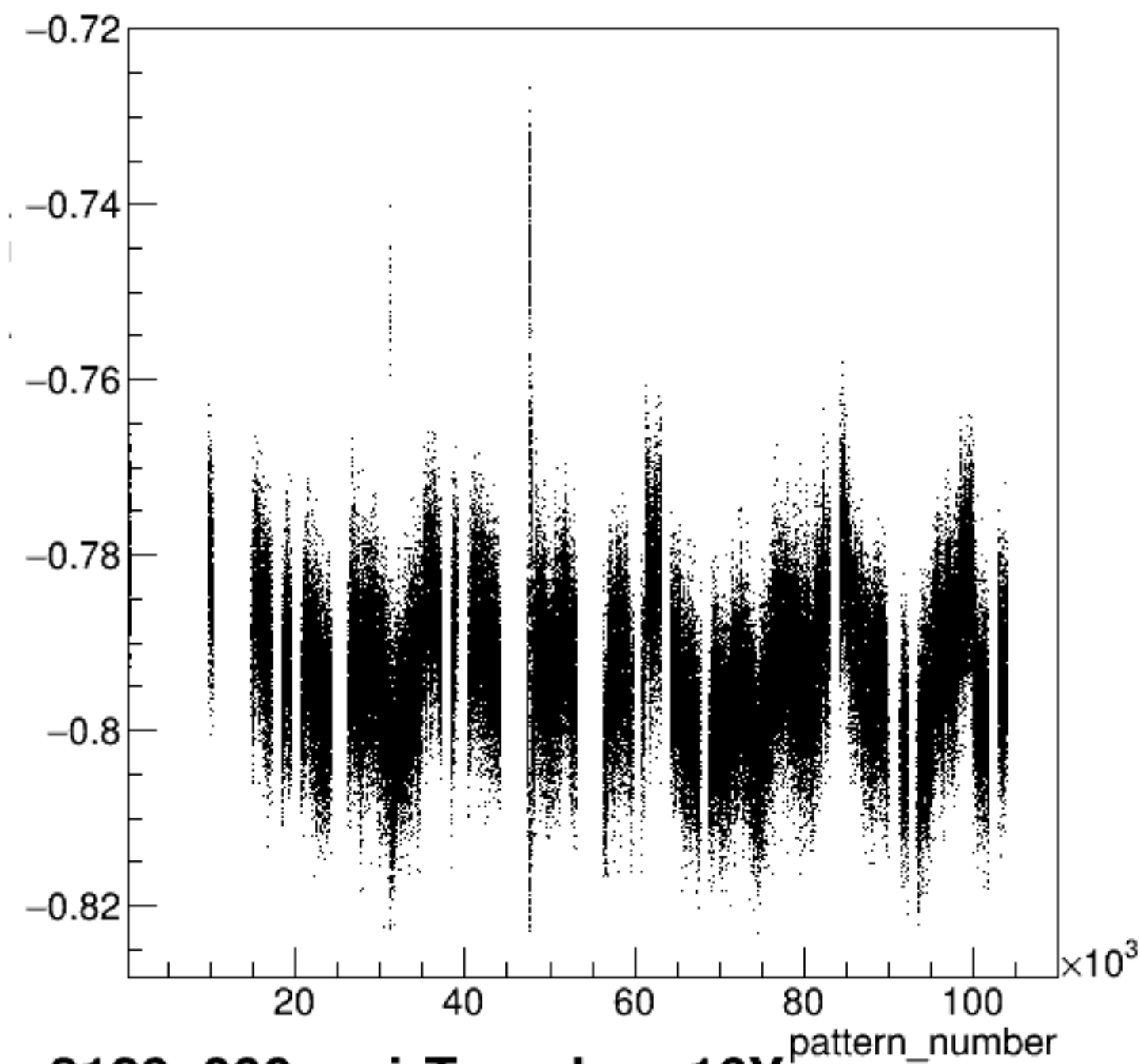
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diff_bpm16X/um {ErrorFlag==0}

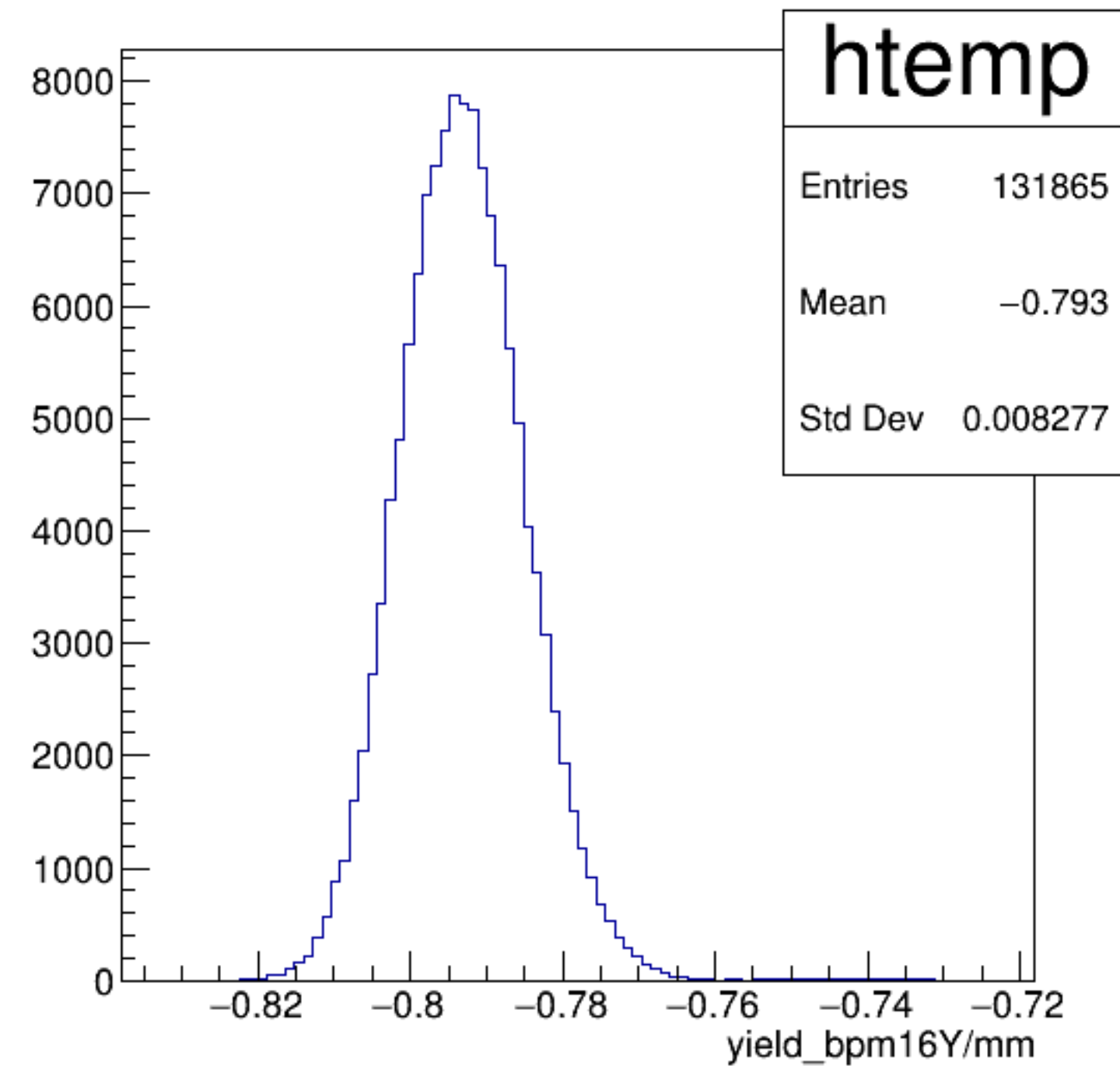


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

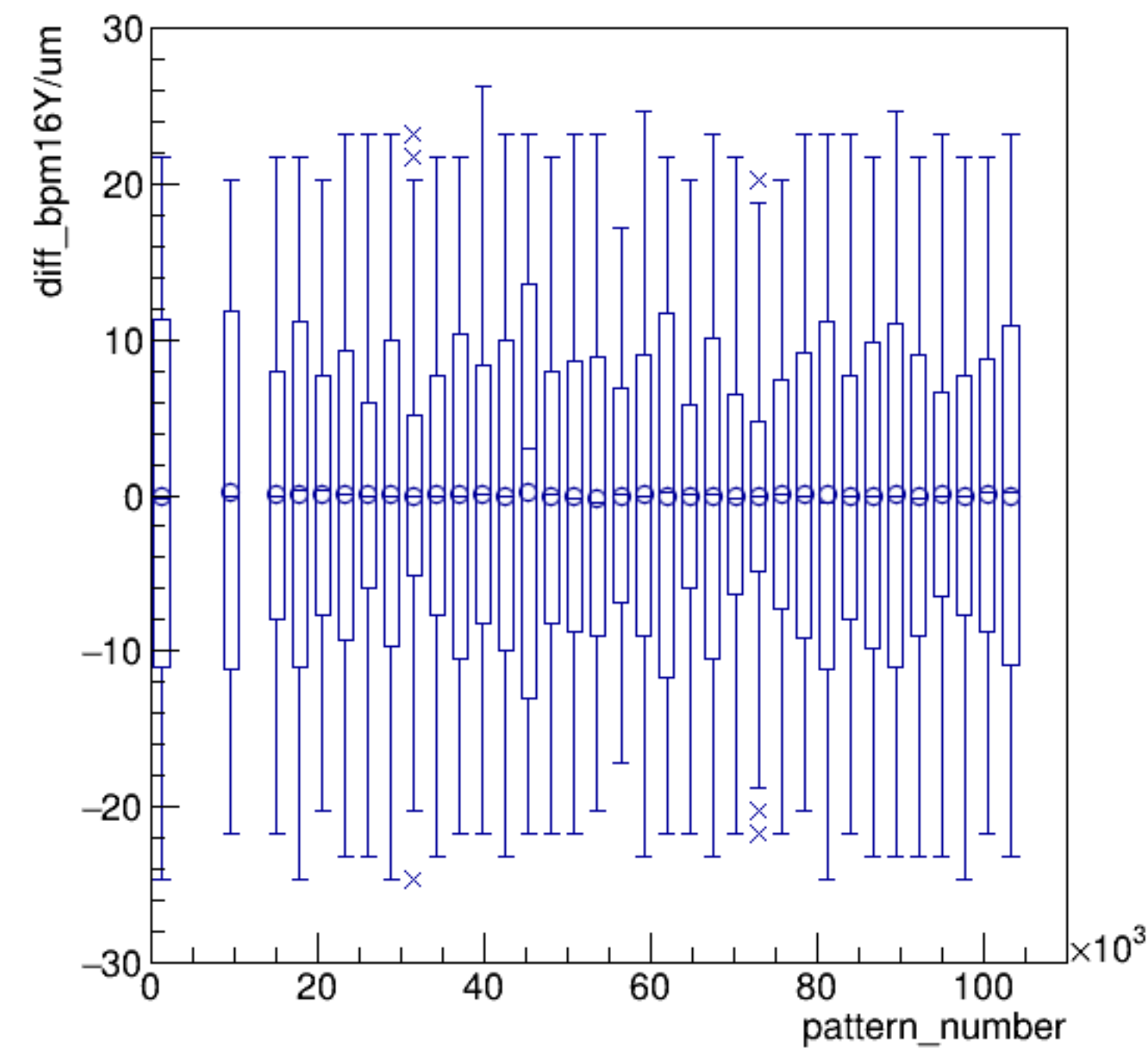


run8129_000_pairTree_bpm16Y.png

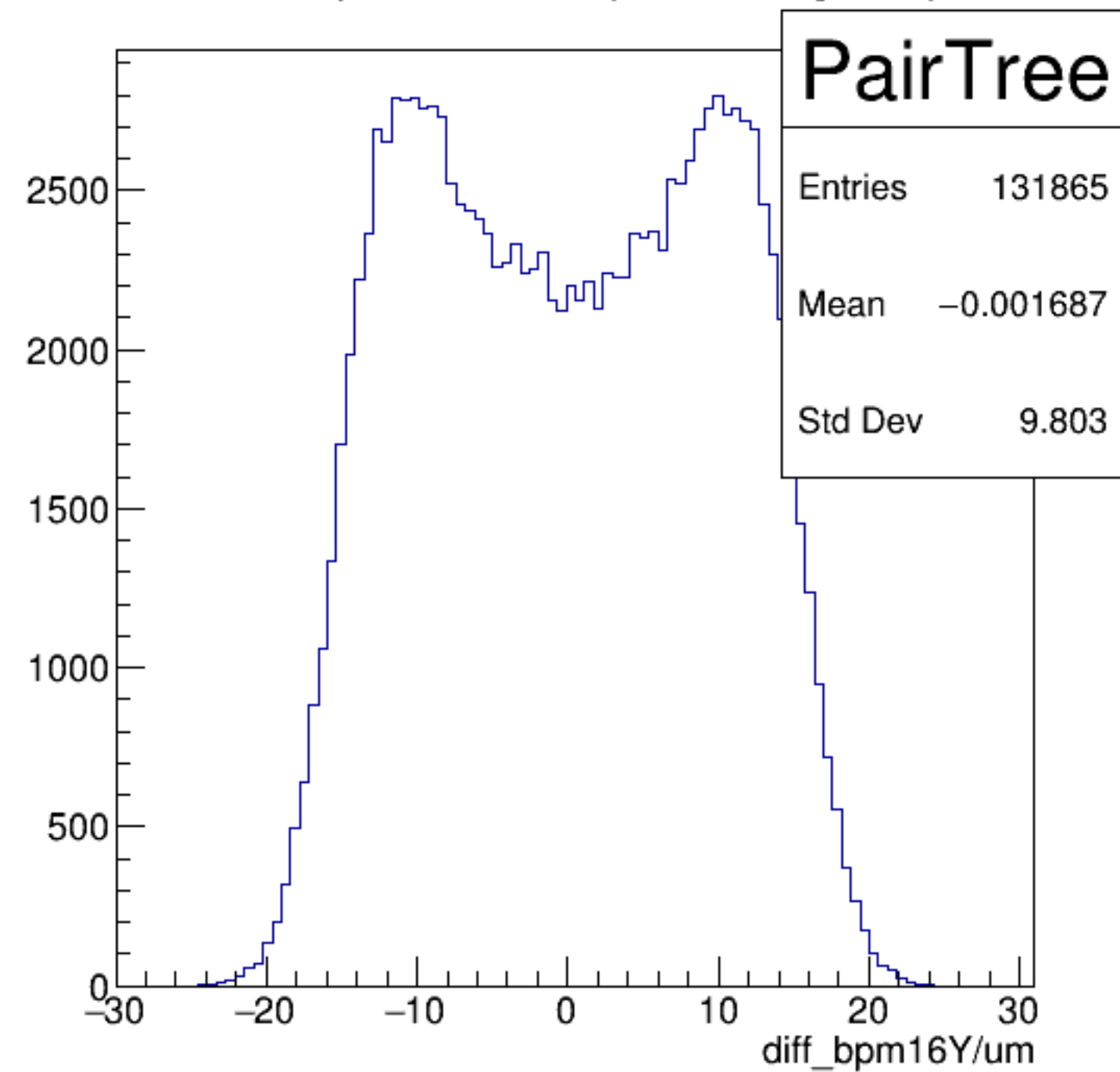
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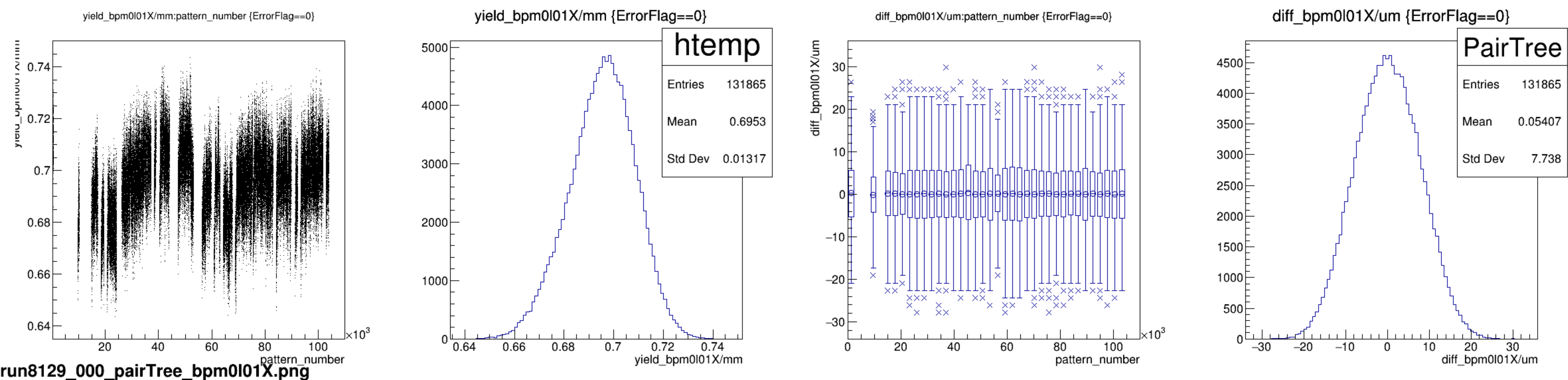


diff_bpm16Y/um:pattern_number {ErrorFlag==0}

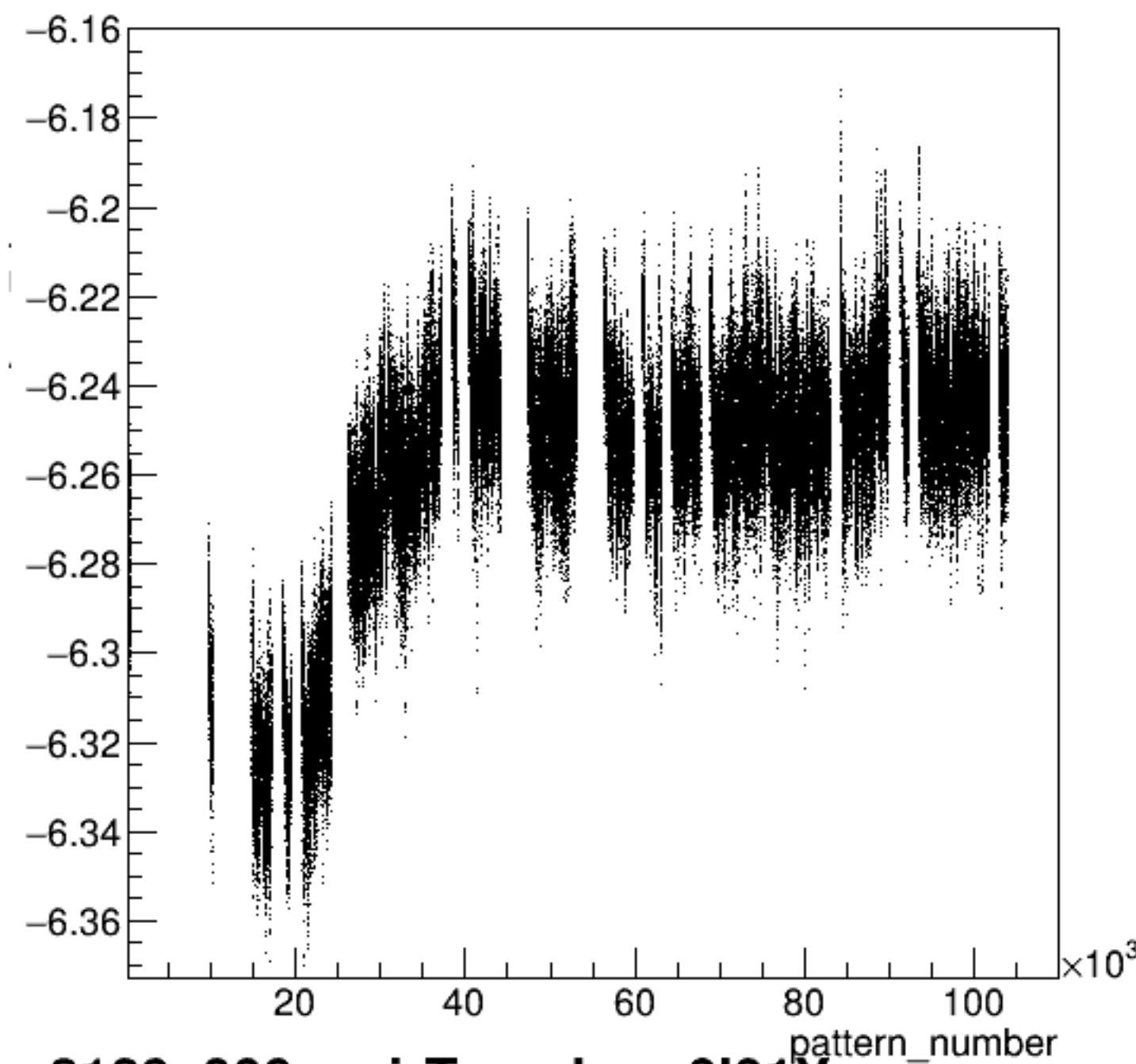


diff_bpm16Y/um {ErrorFlag==0}

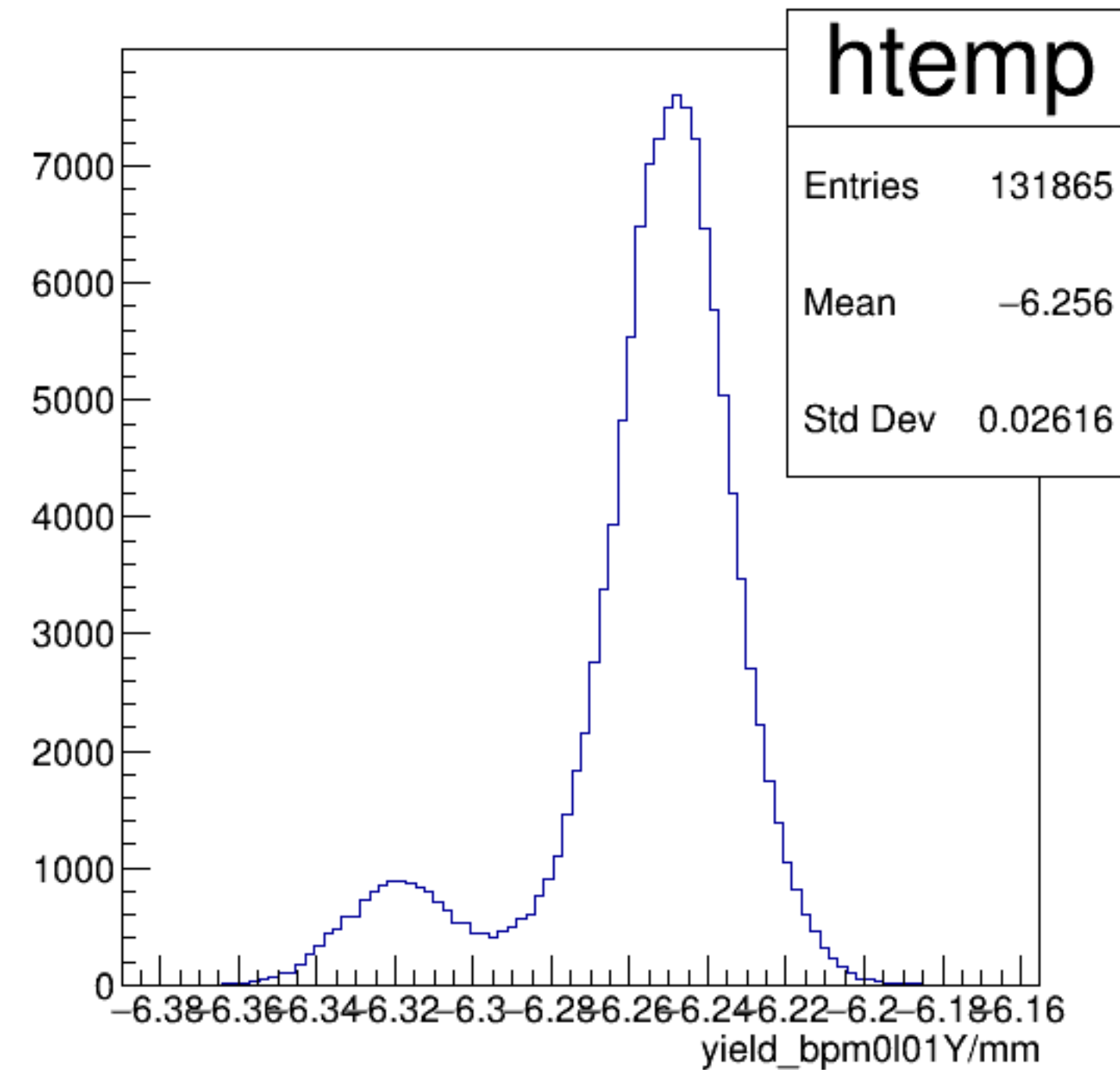




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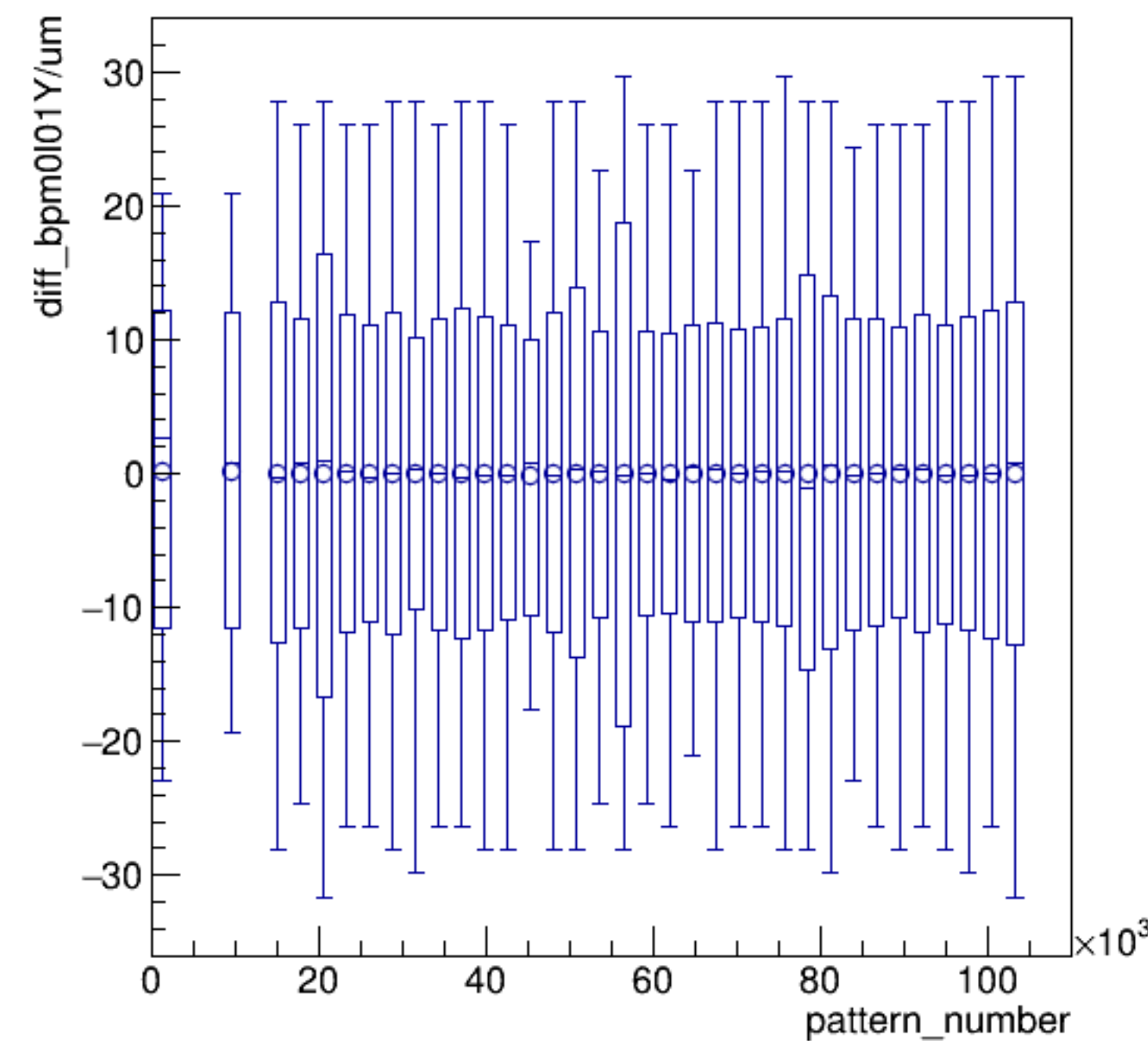
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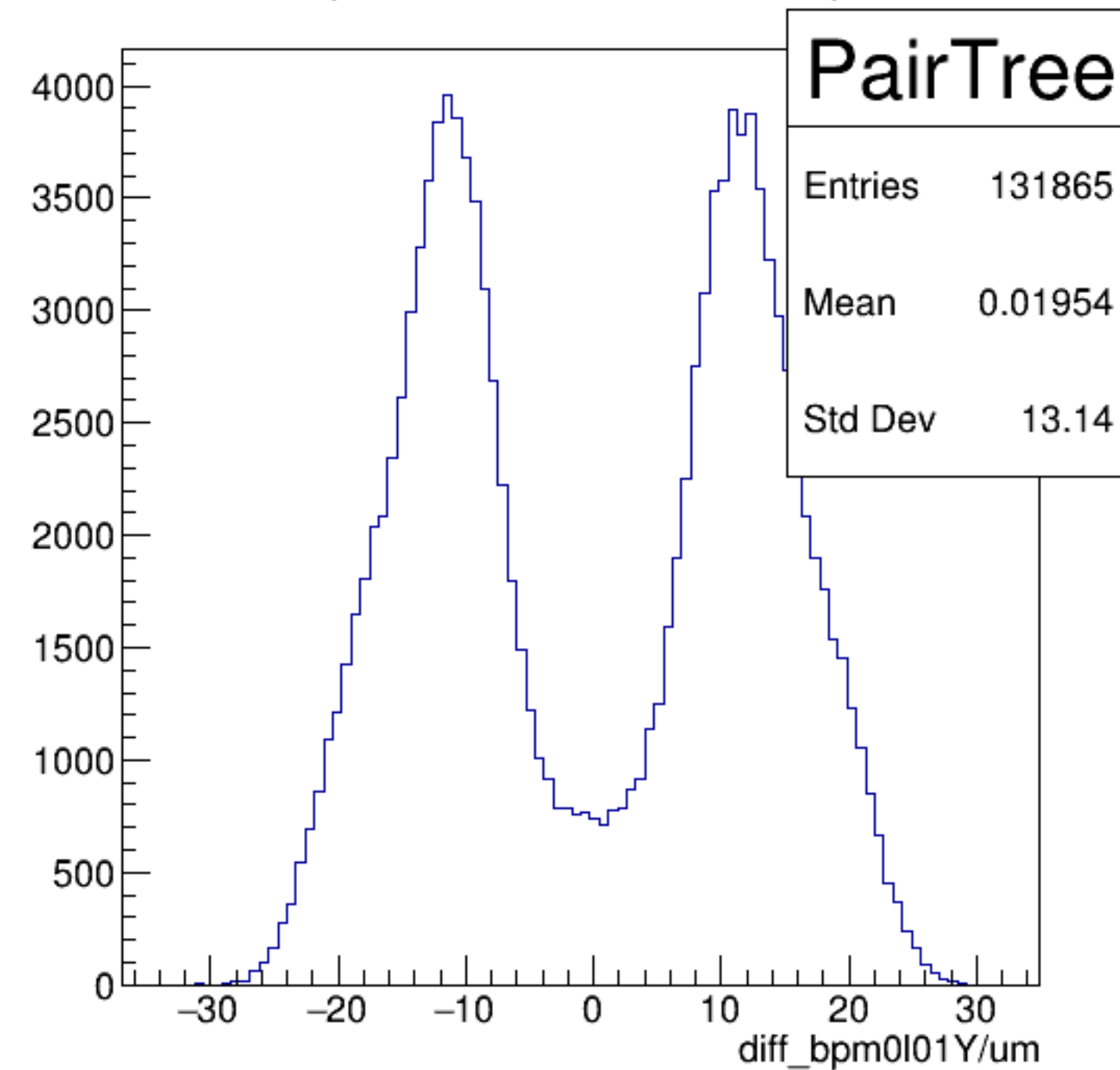
htemp

Entries	131865
Mean	-6.256
Std Dev	0.02616

diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}



diff_bpm0l01Y/um {ErrorFlag==0}

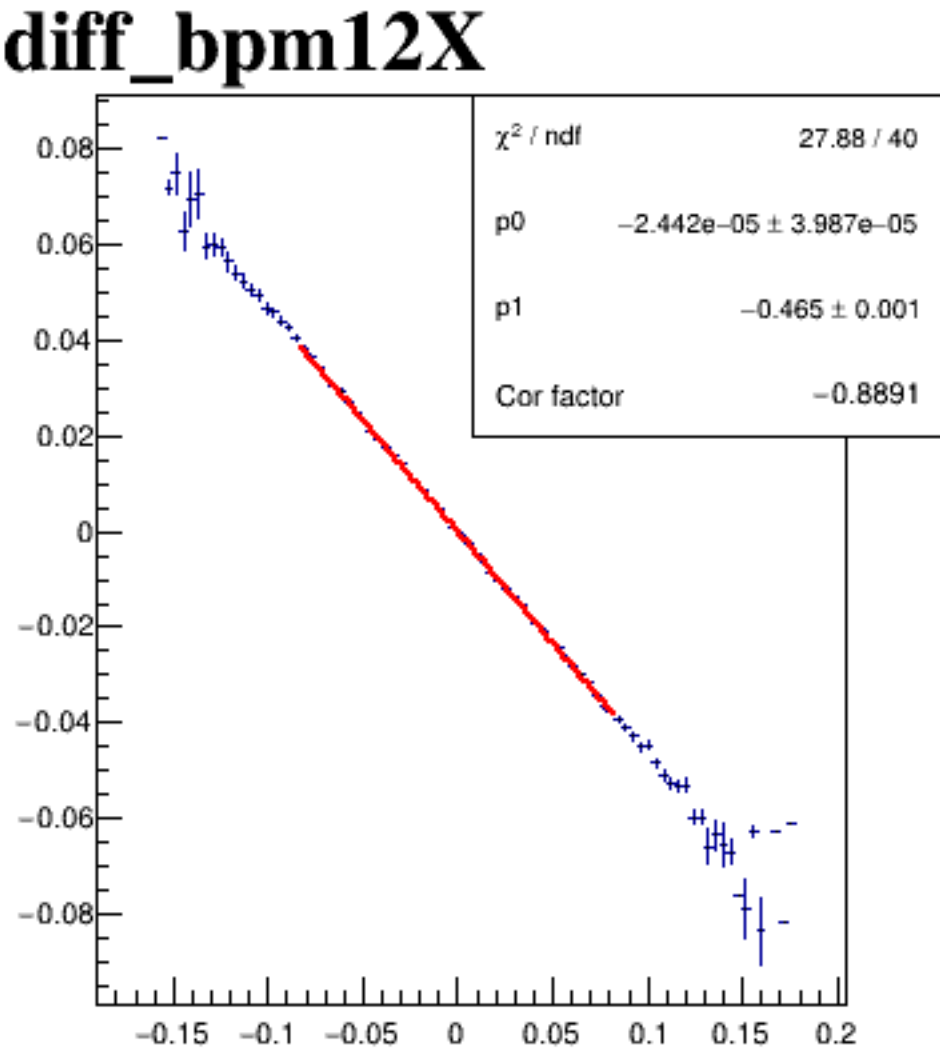
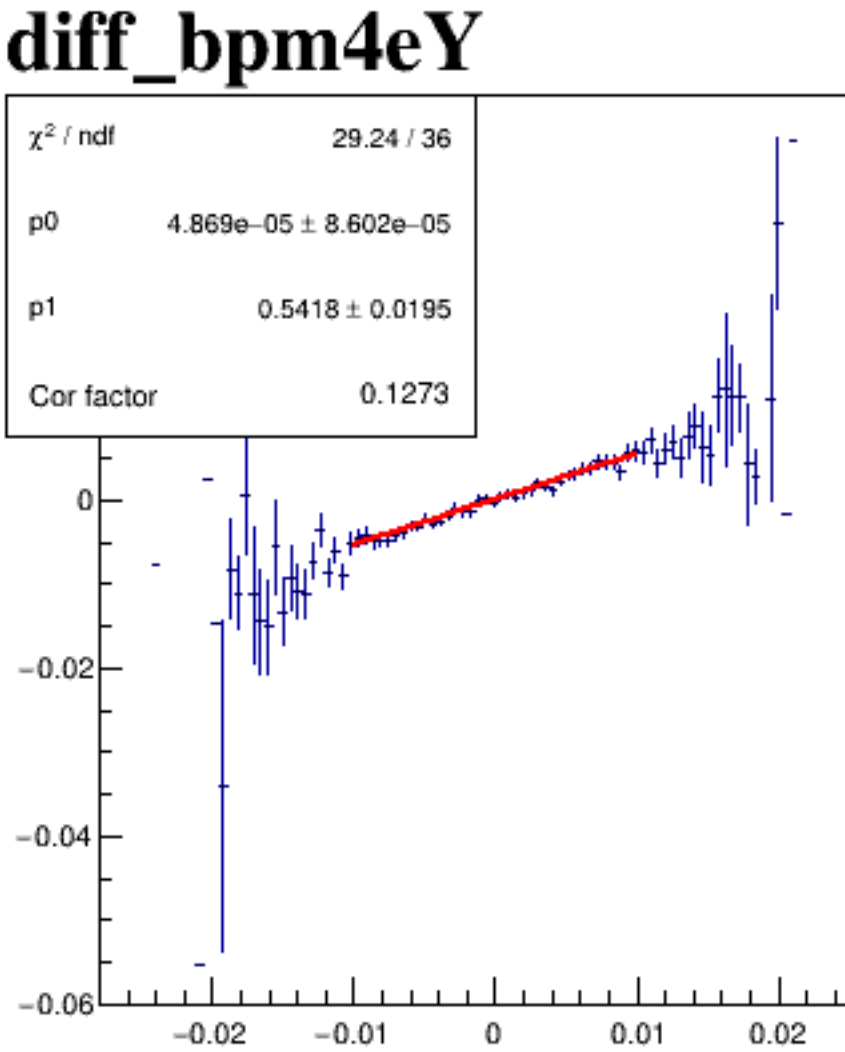
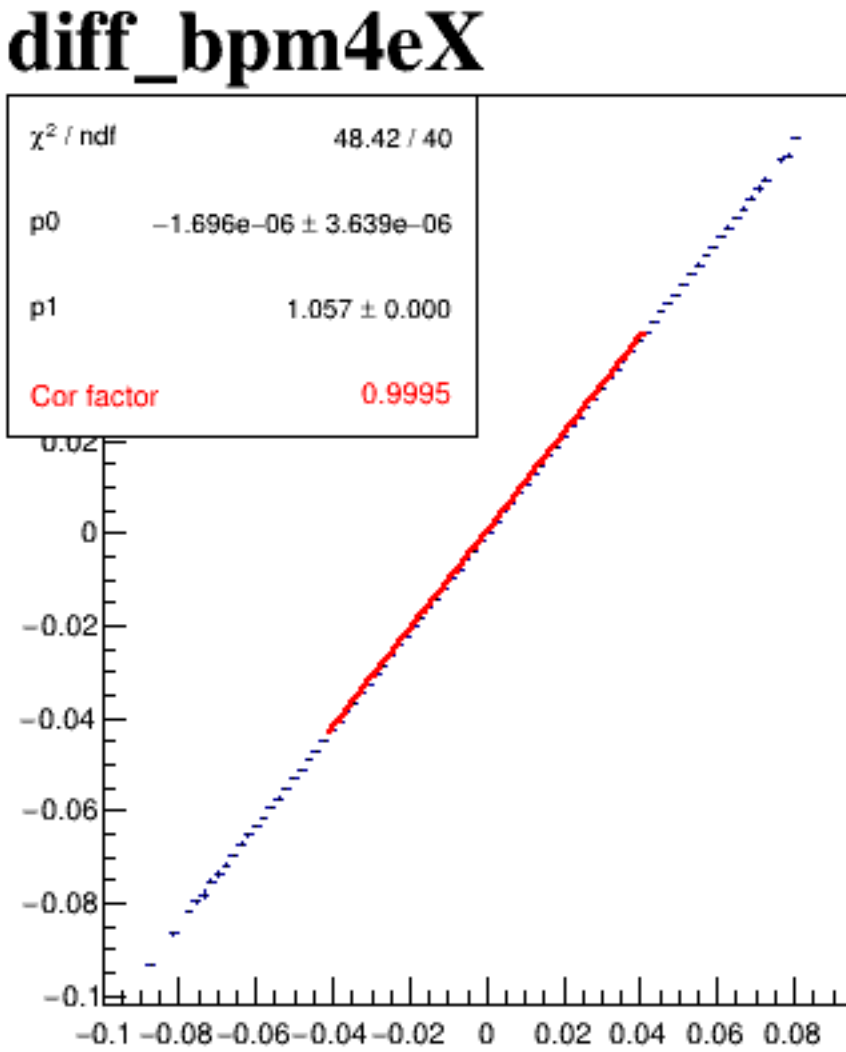
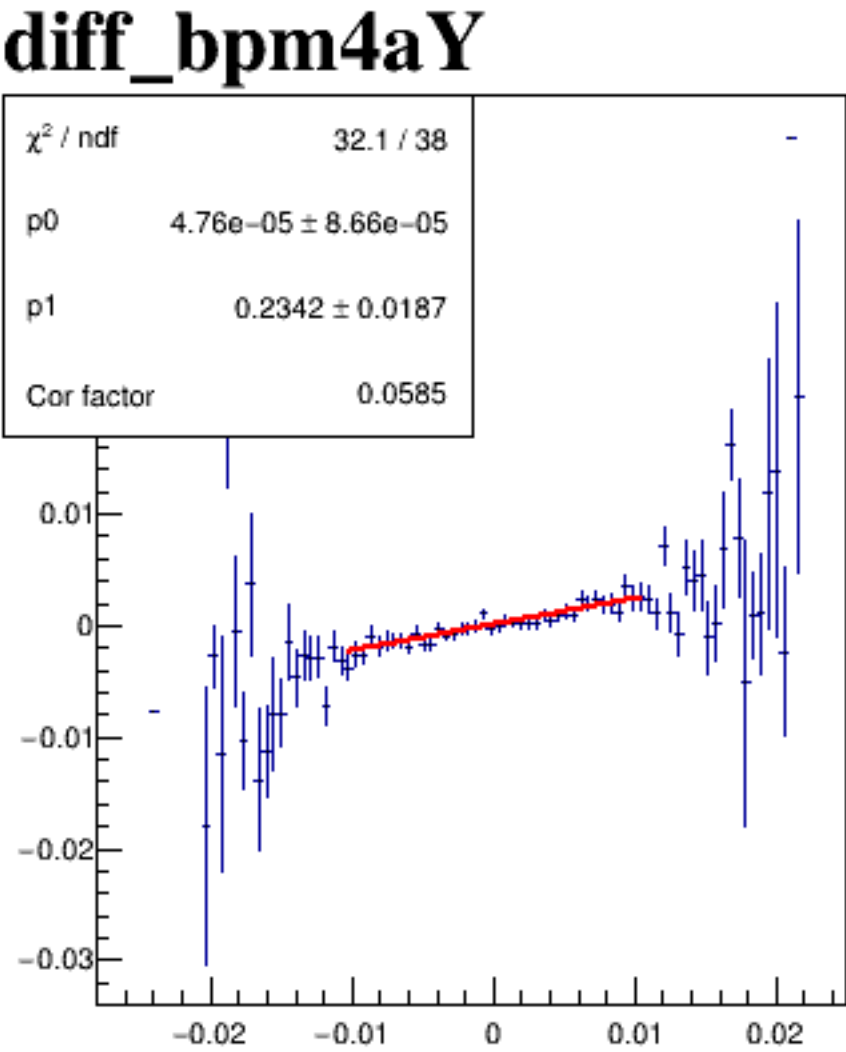
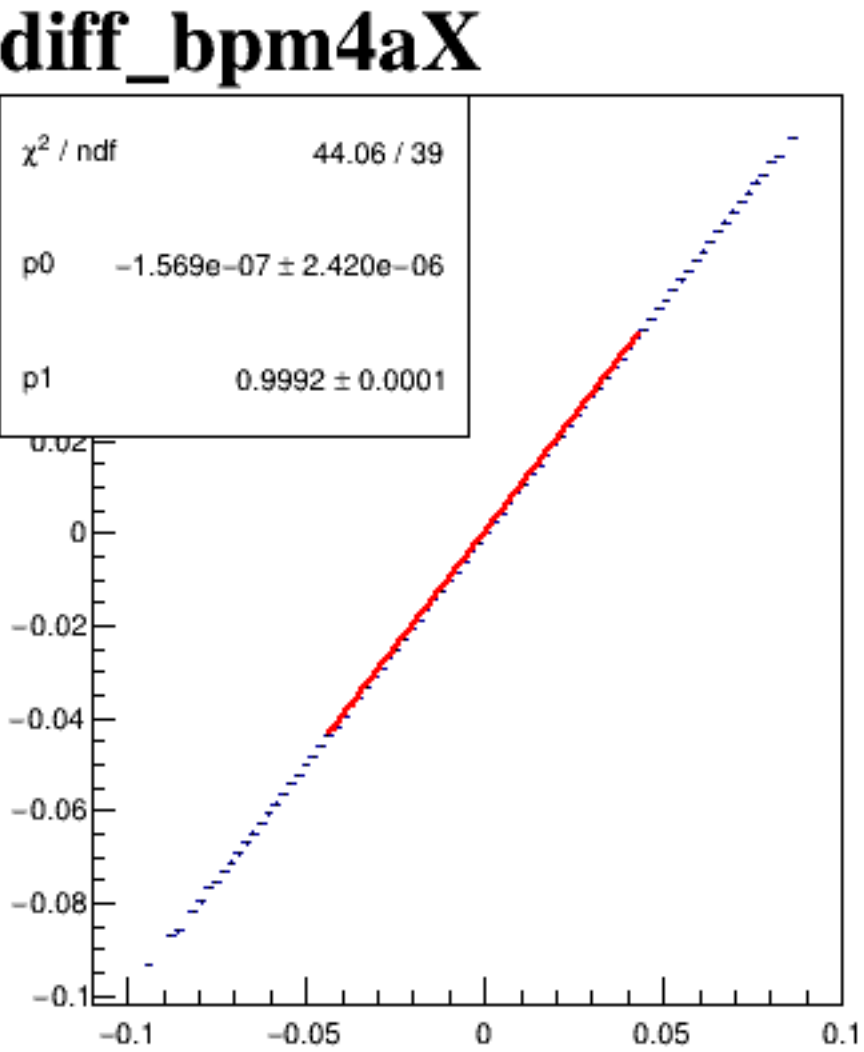


PairTree

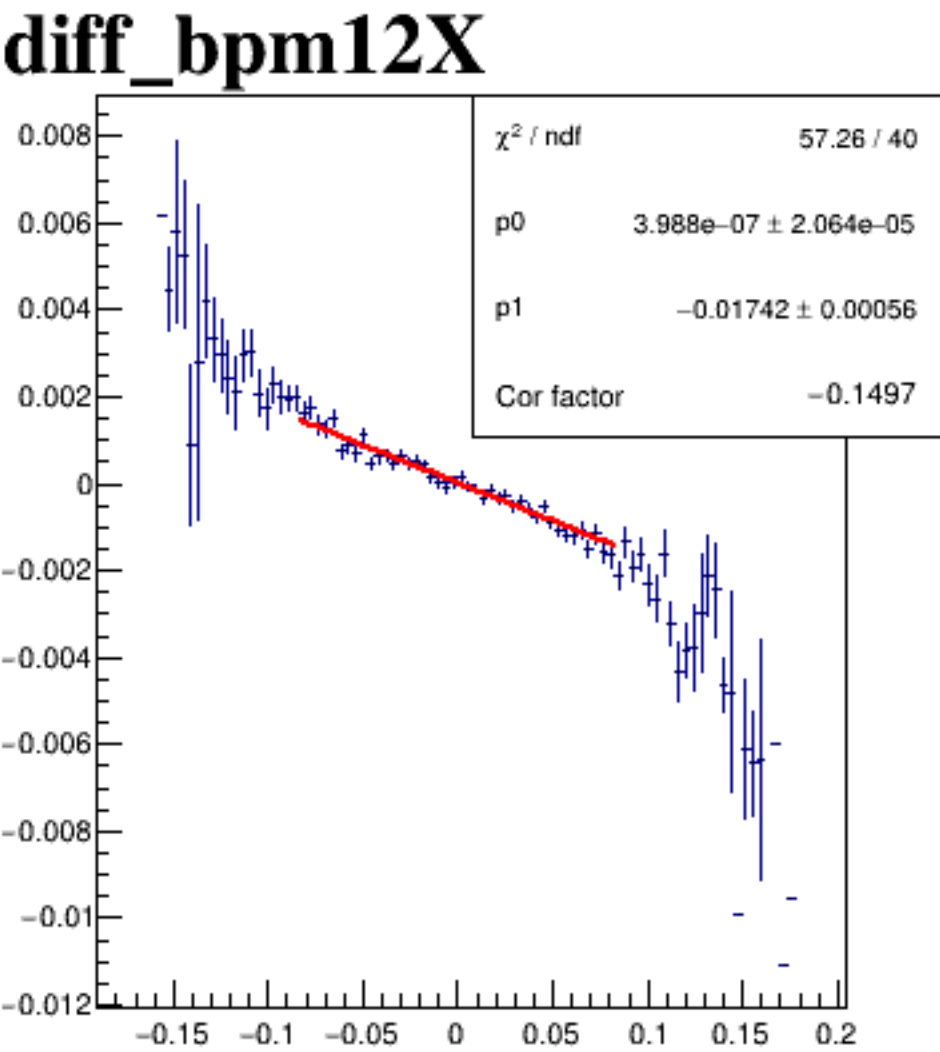
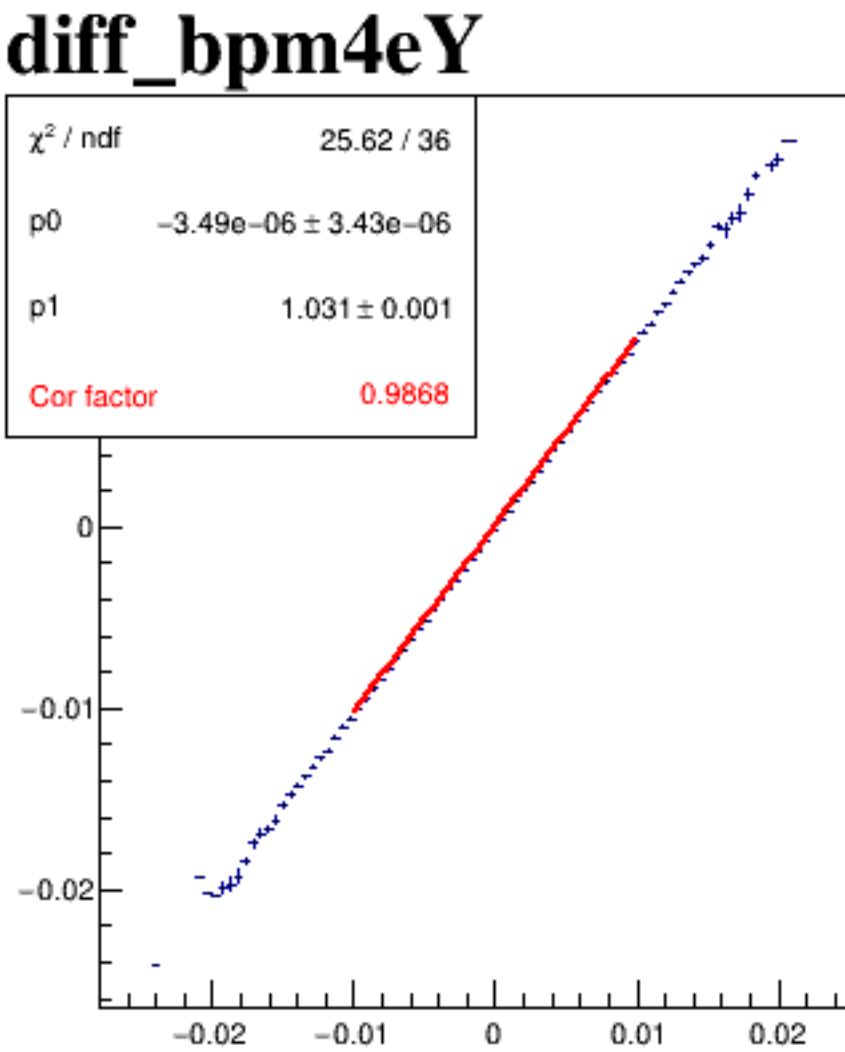
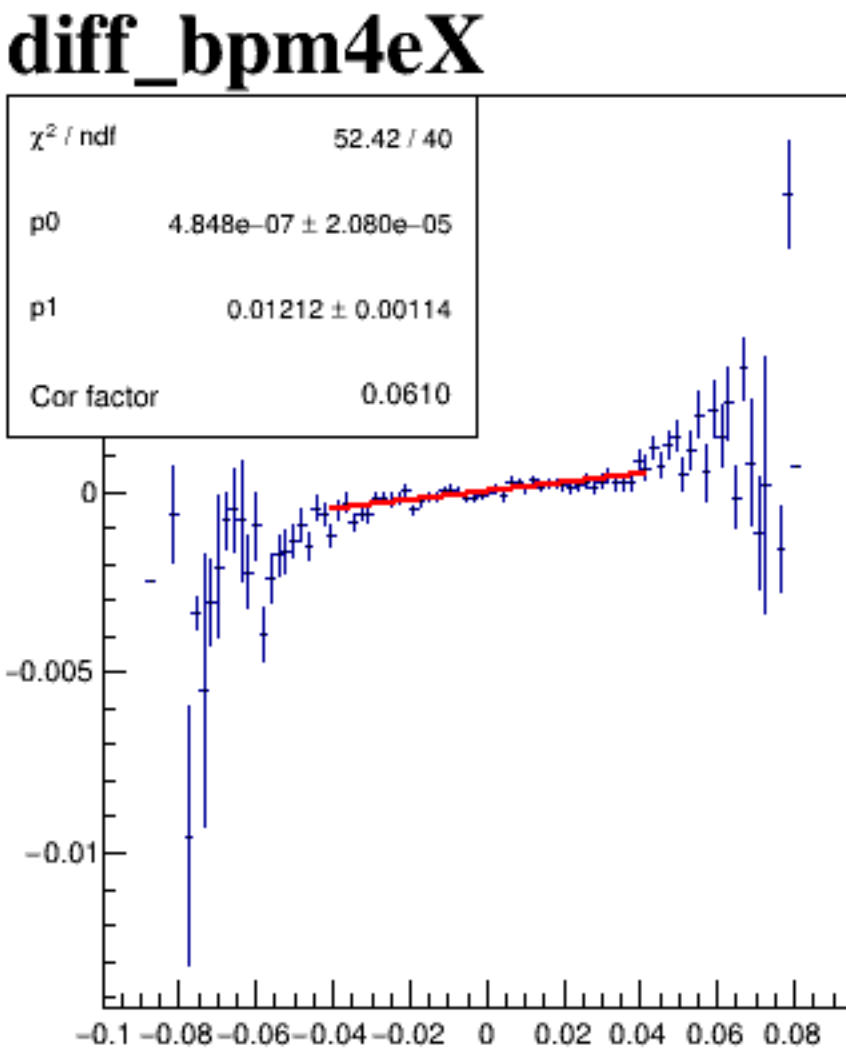
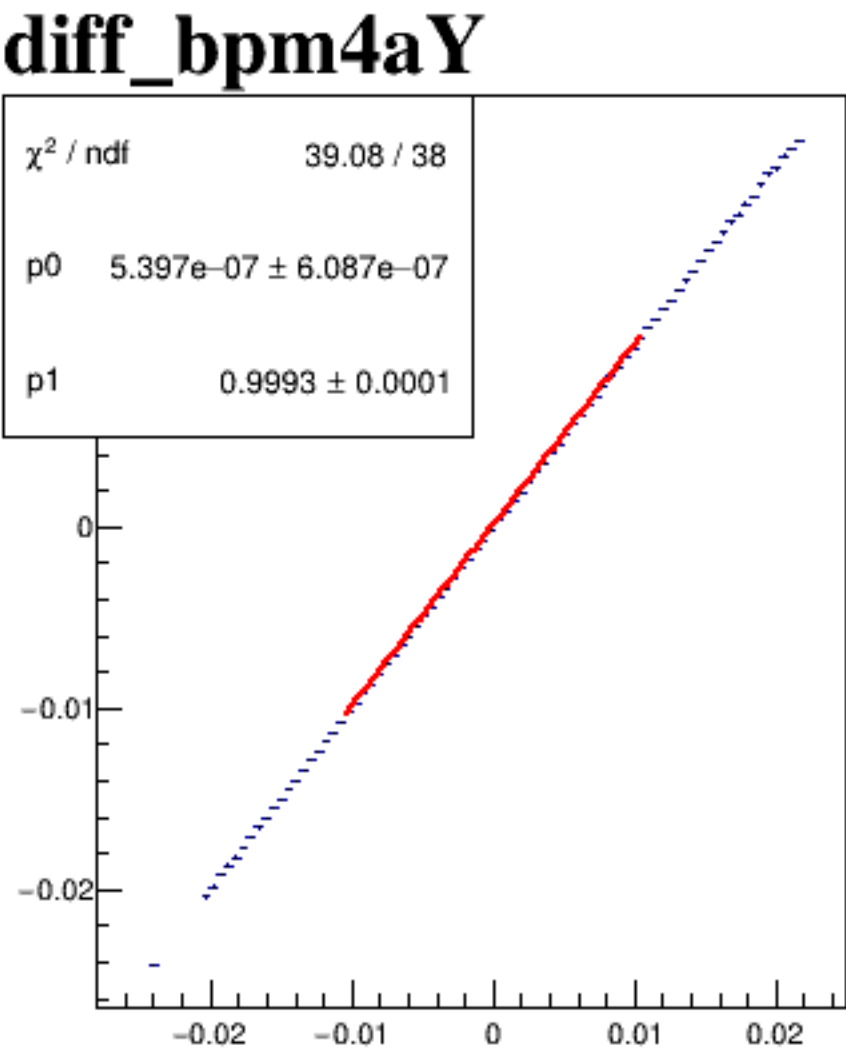
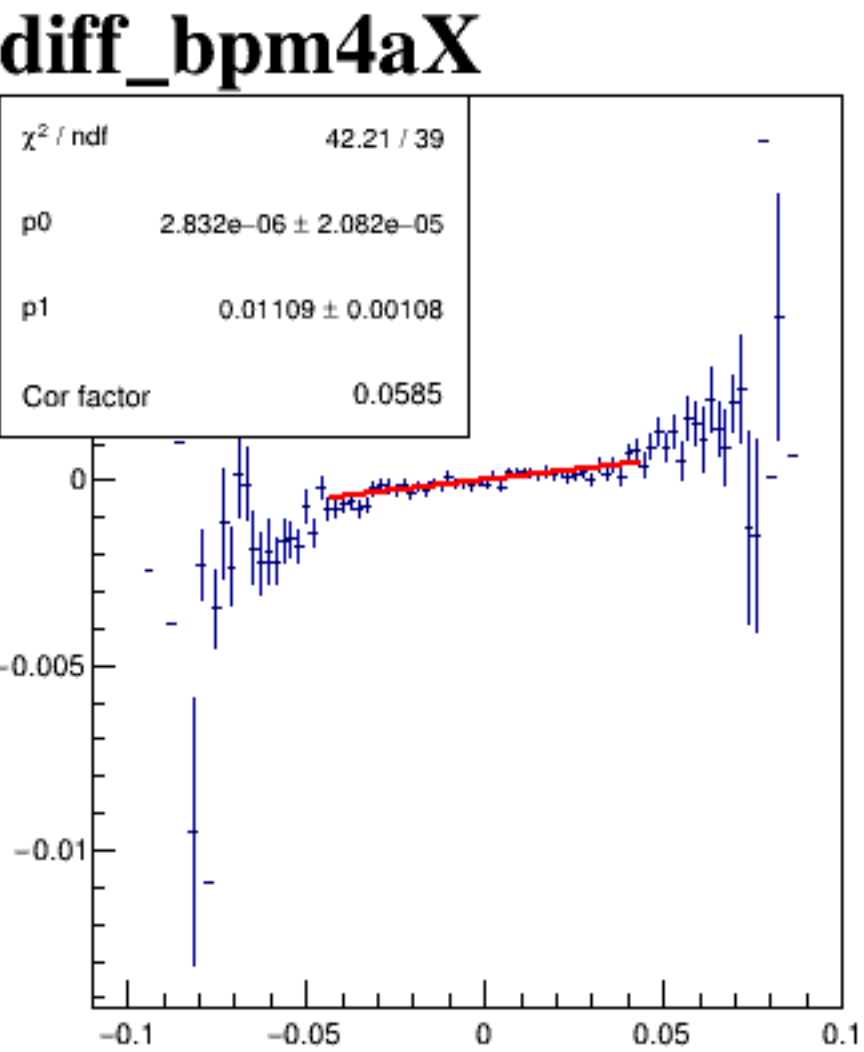
Entries	131865
Mean	0.01954
Std Dev	13.14

run8129_000_diff_bpm_mutual_correlation_COLZ_default.png

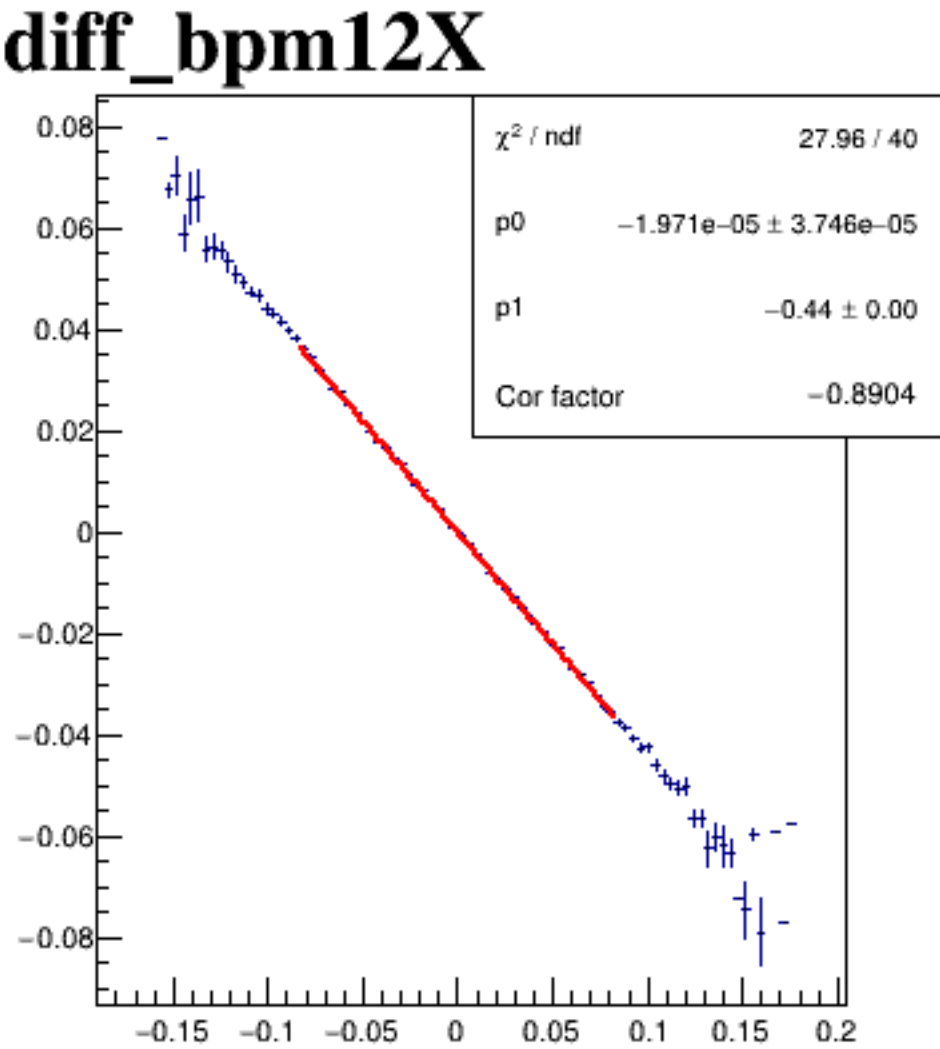
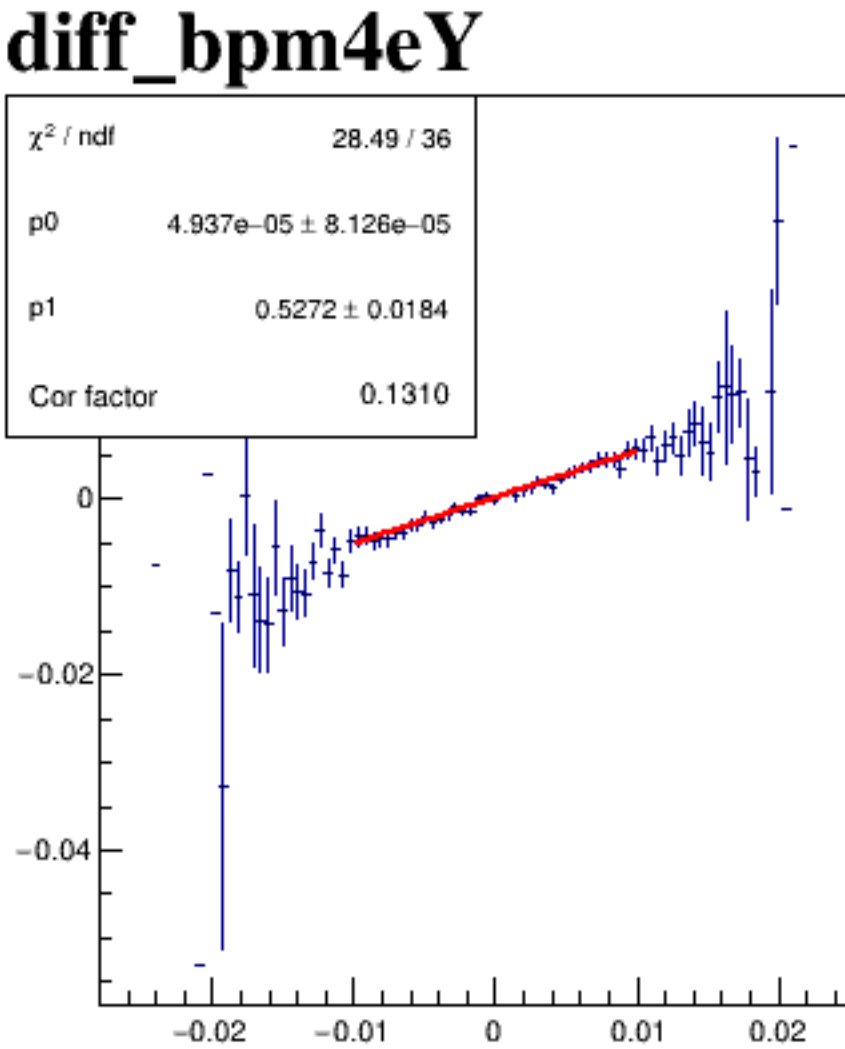
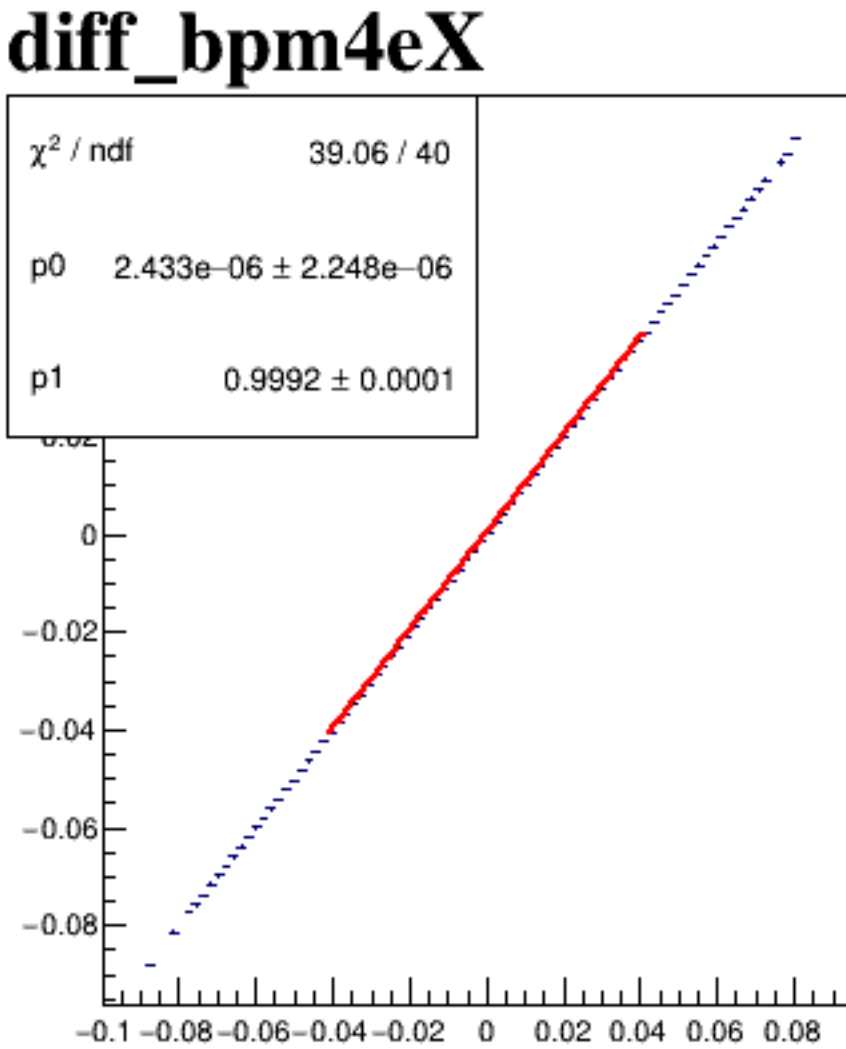
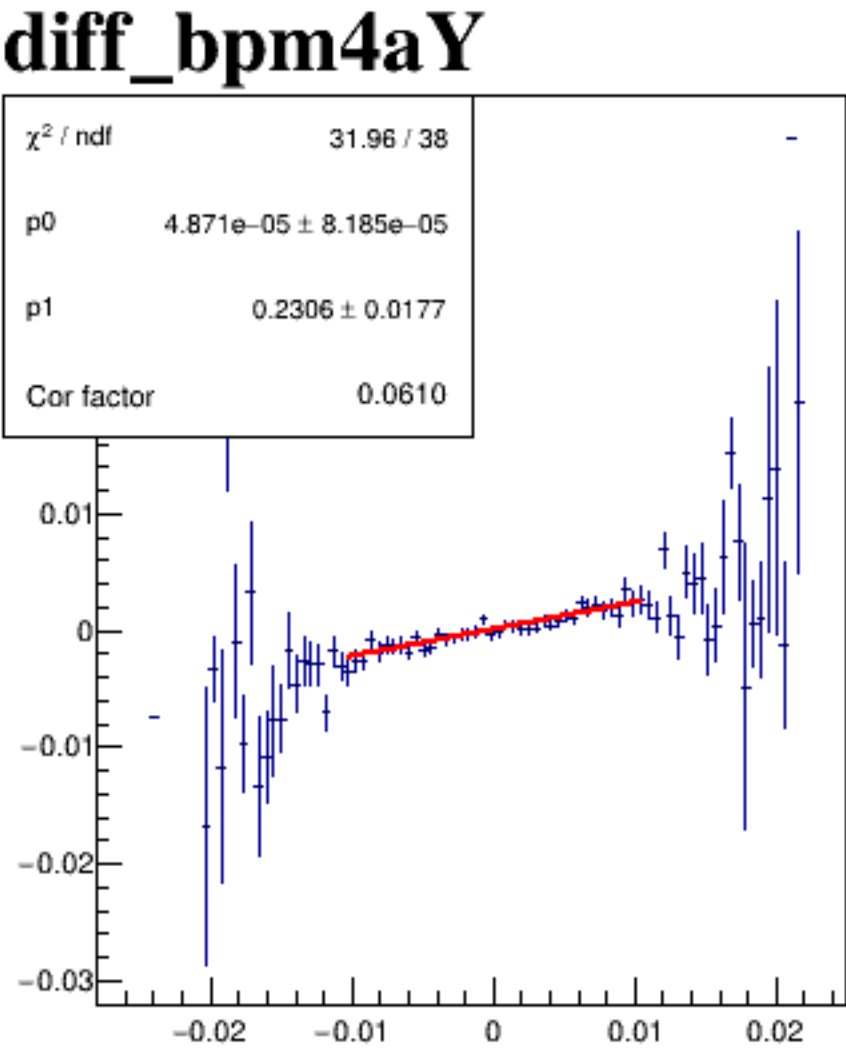
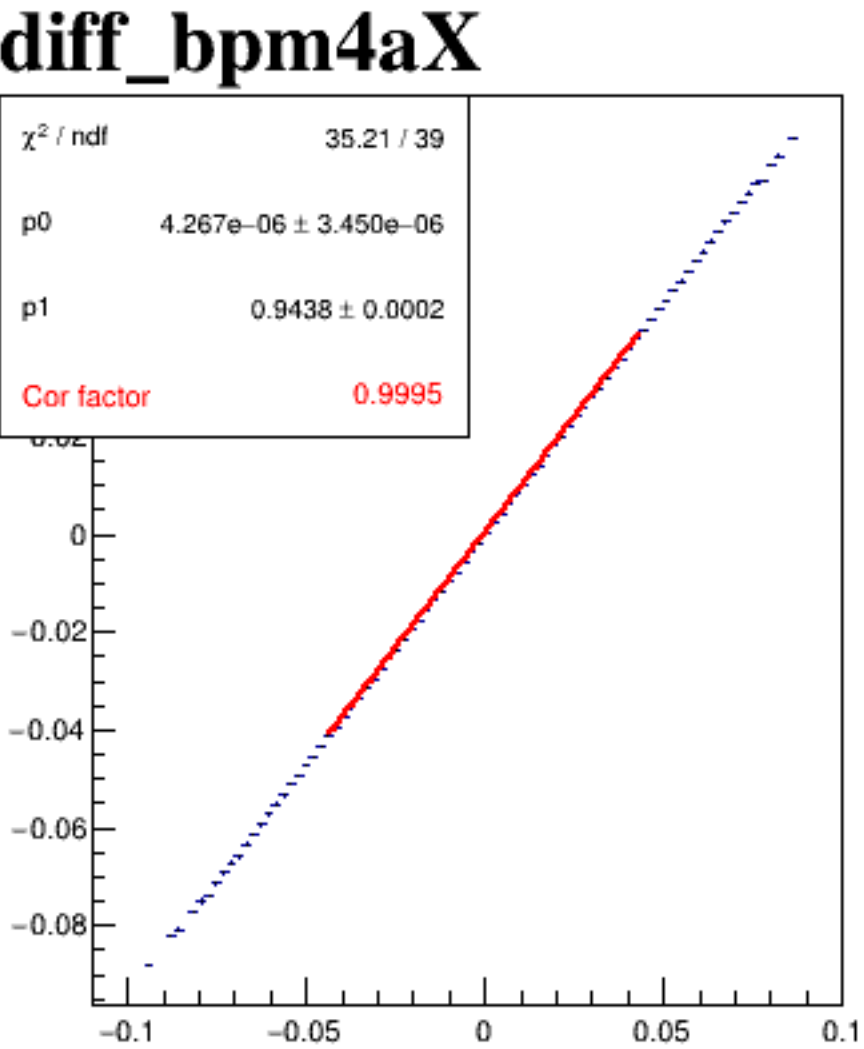
diff_bpm4aX



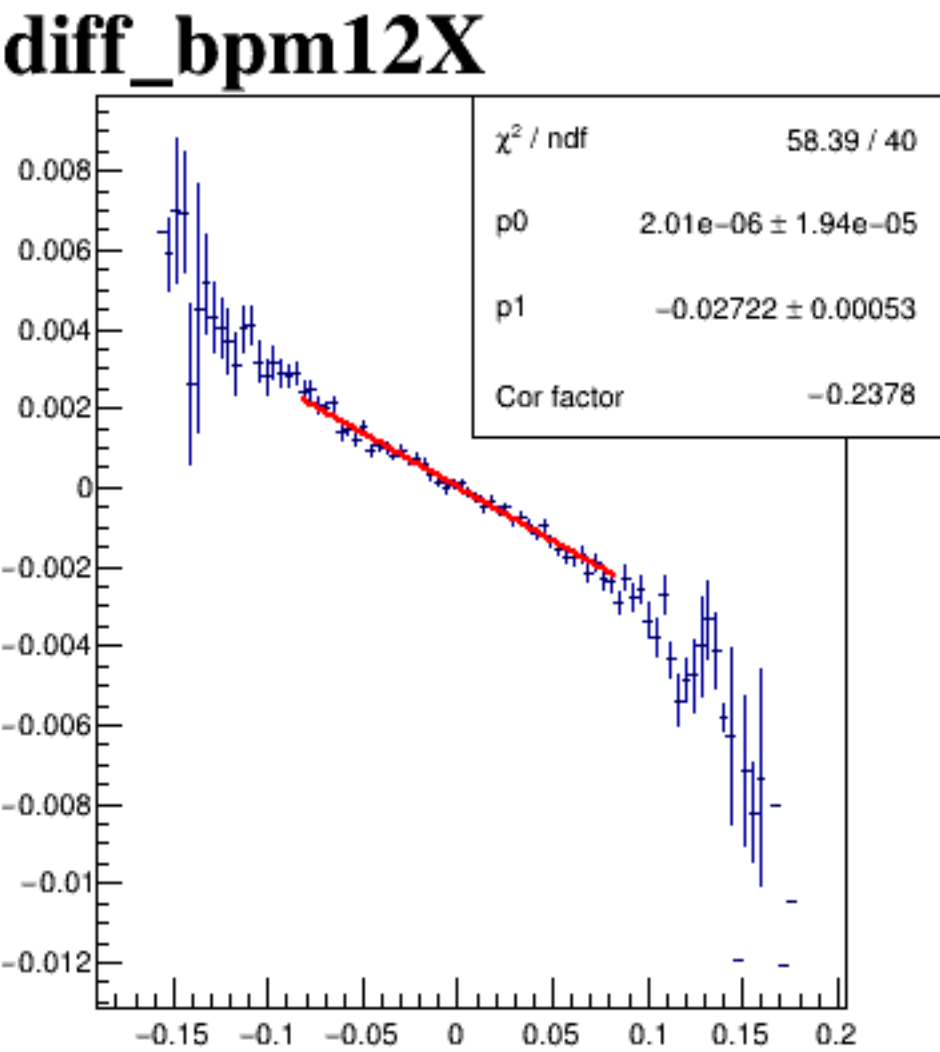
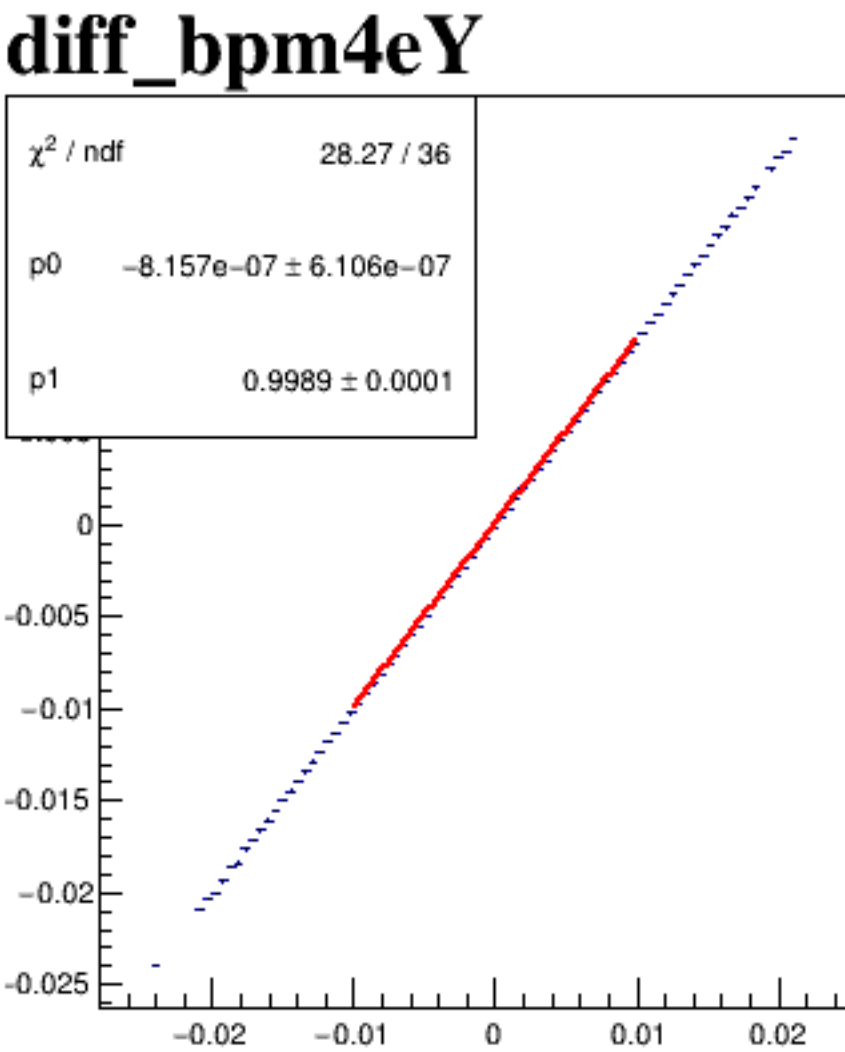
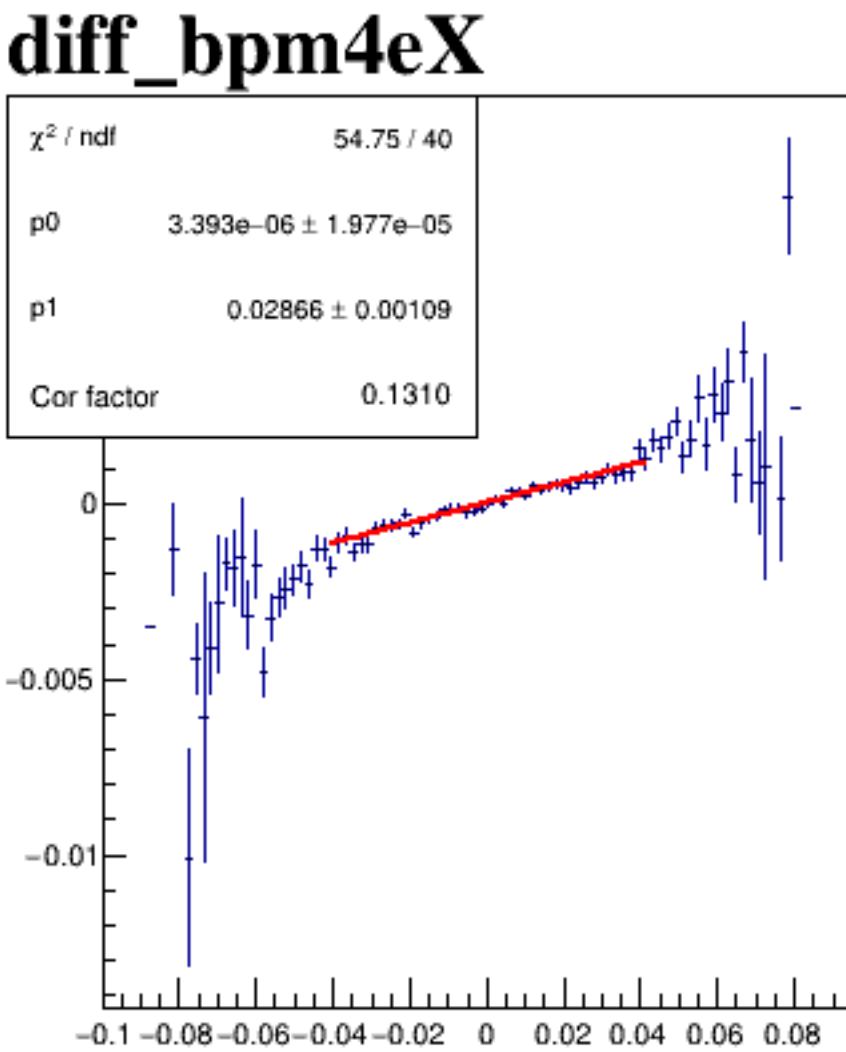
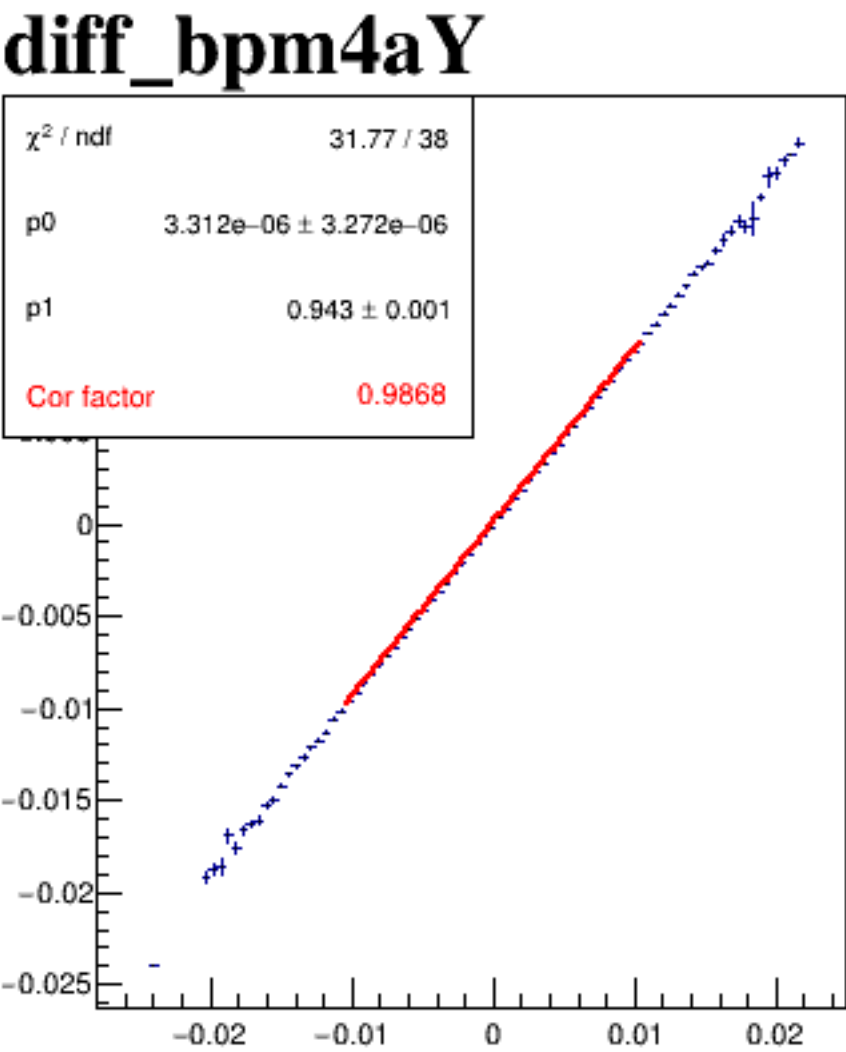
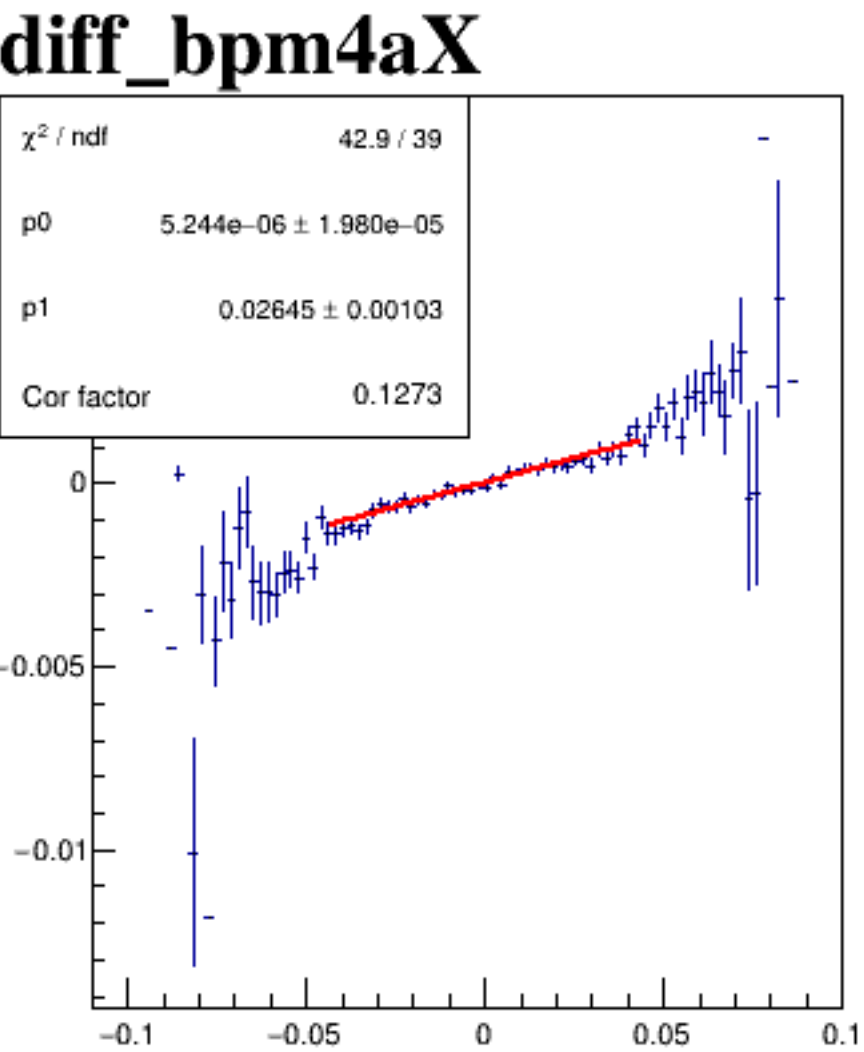
diff_bpm4aY



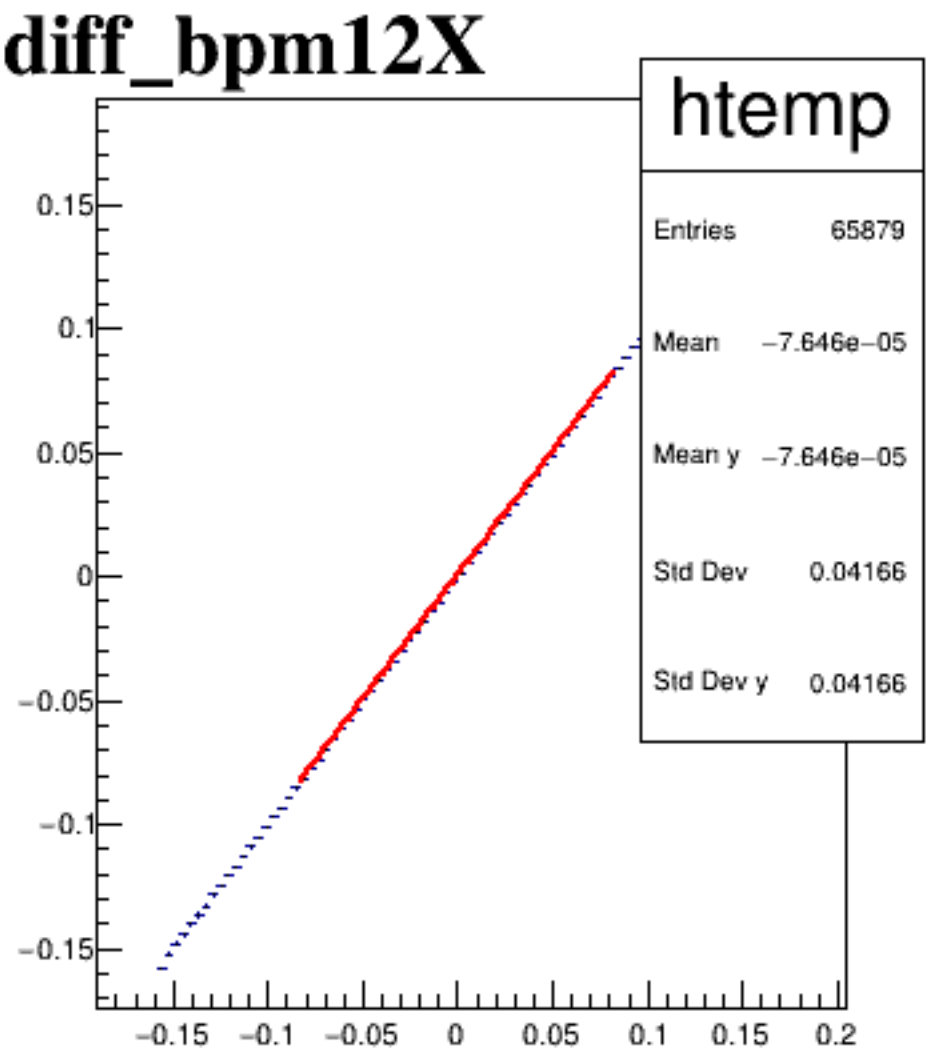
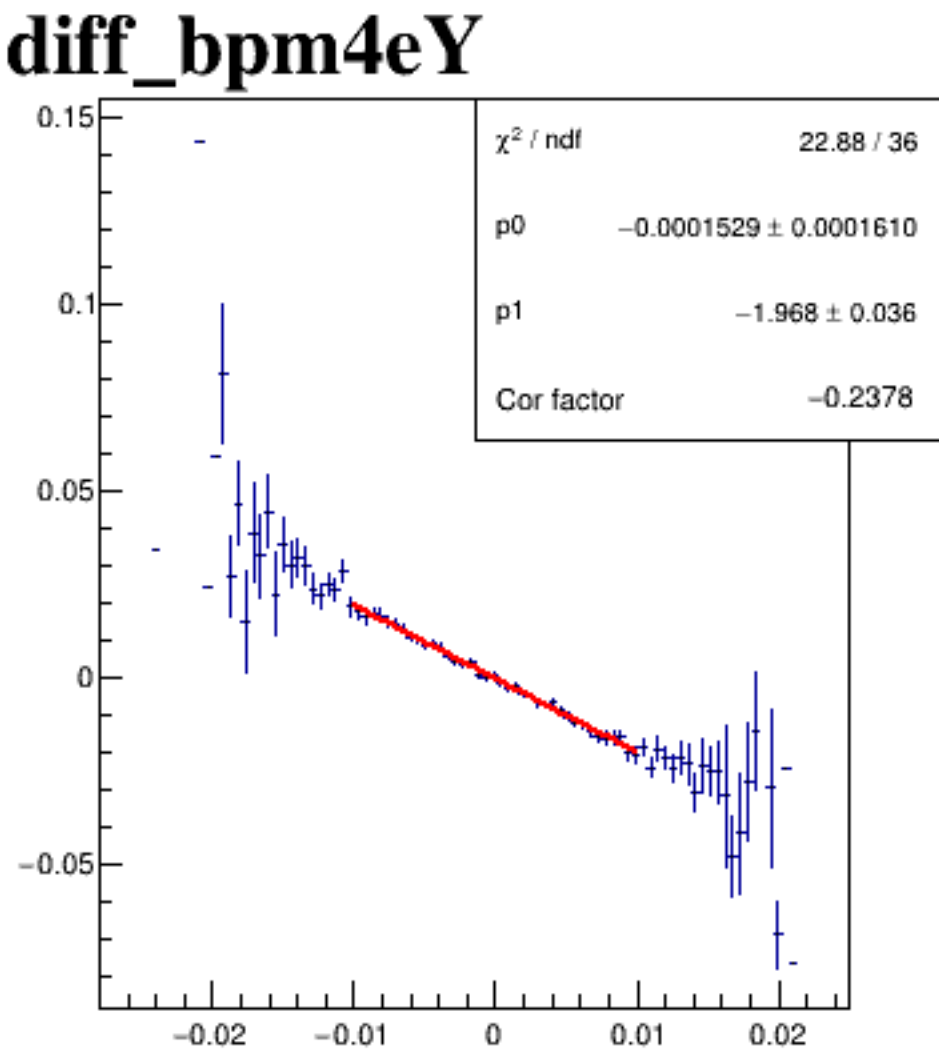
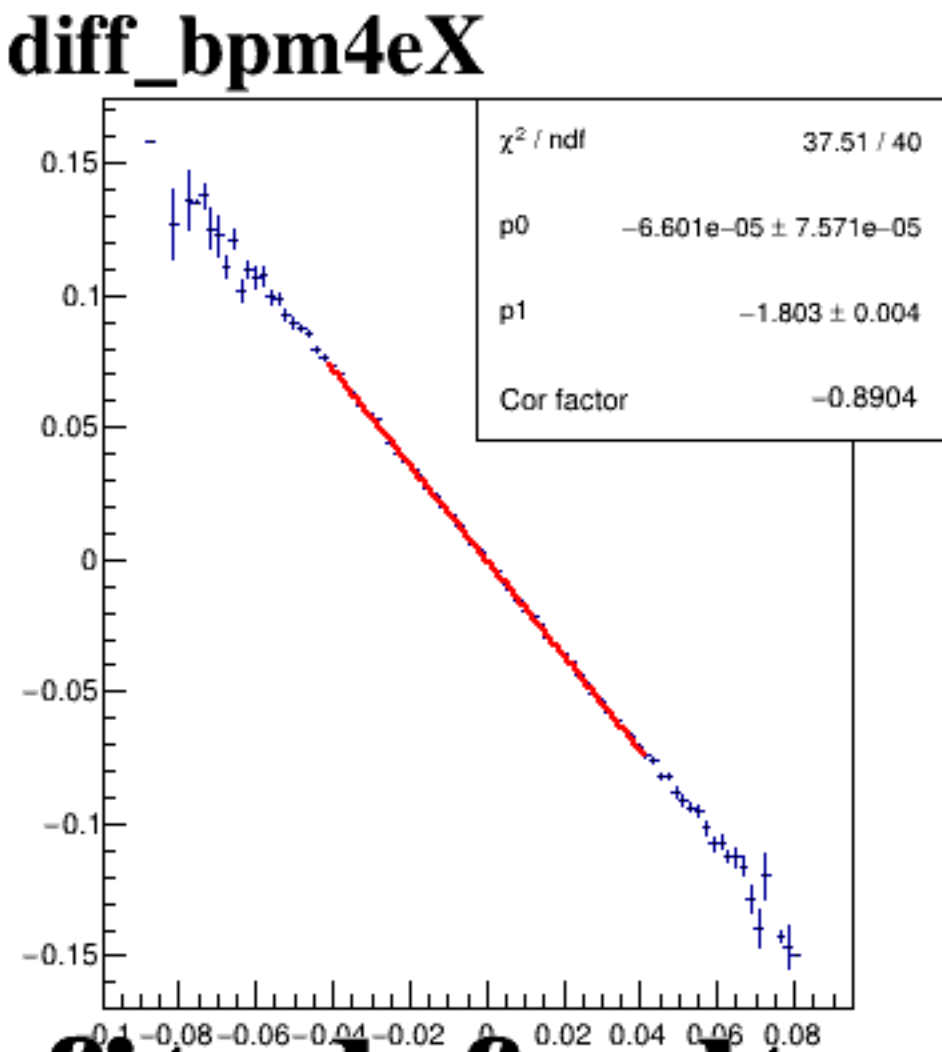
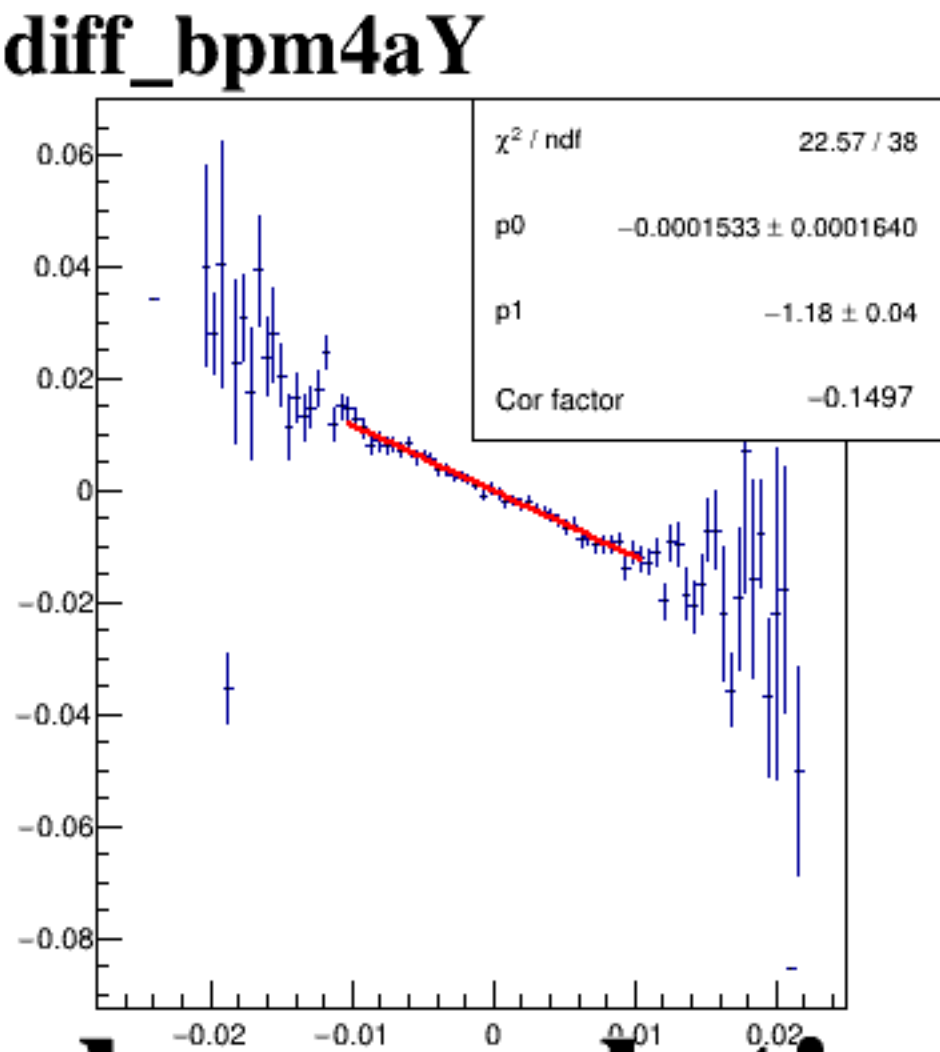
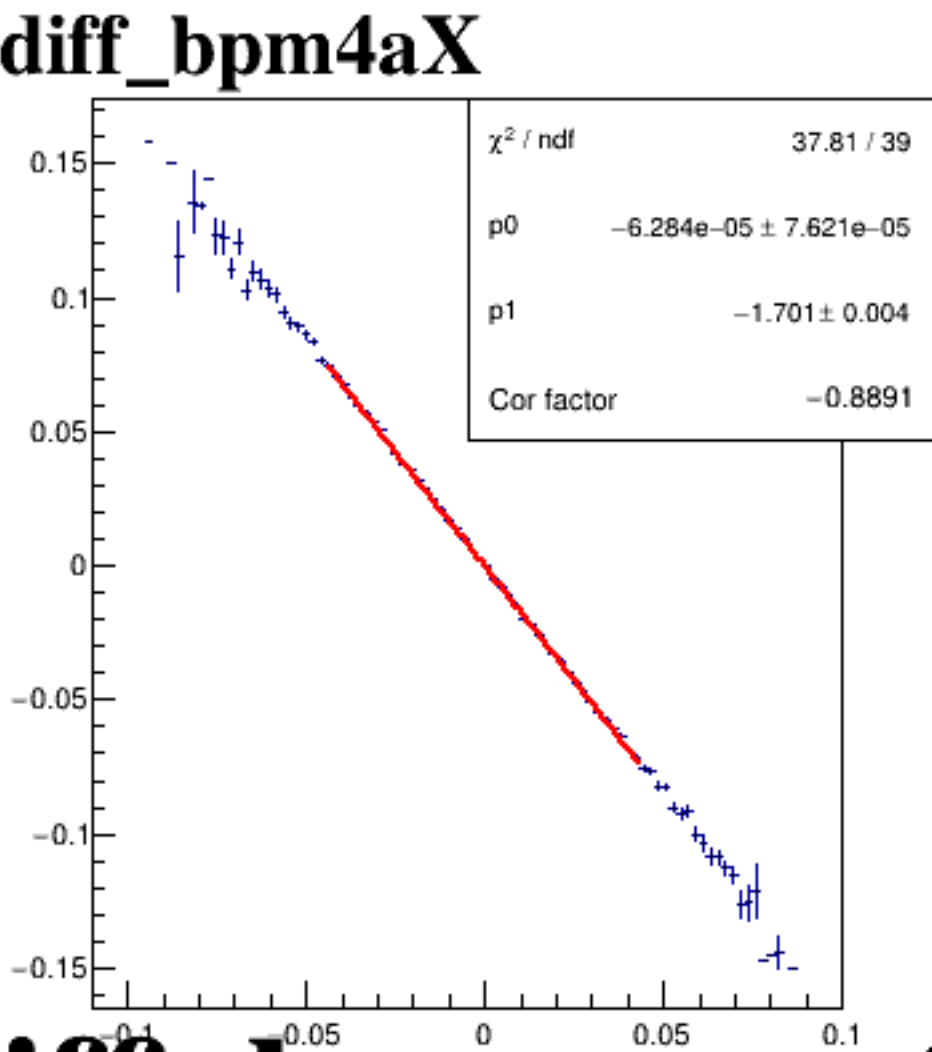
diff_bpm4eX



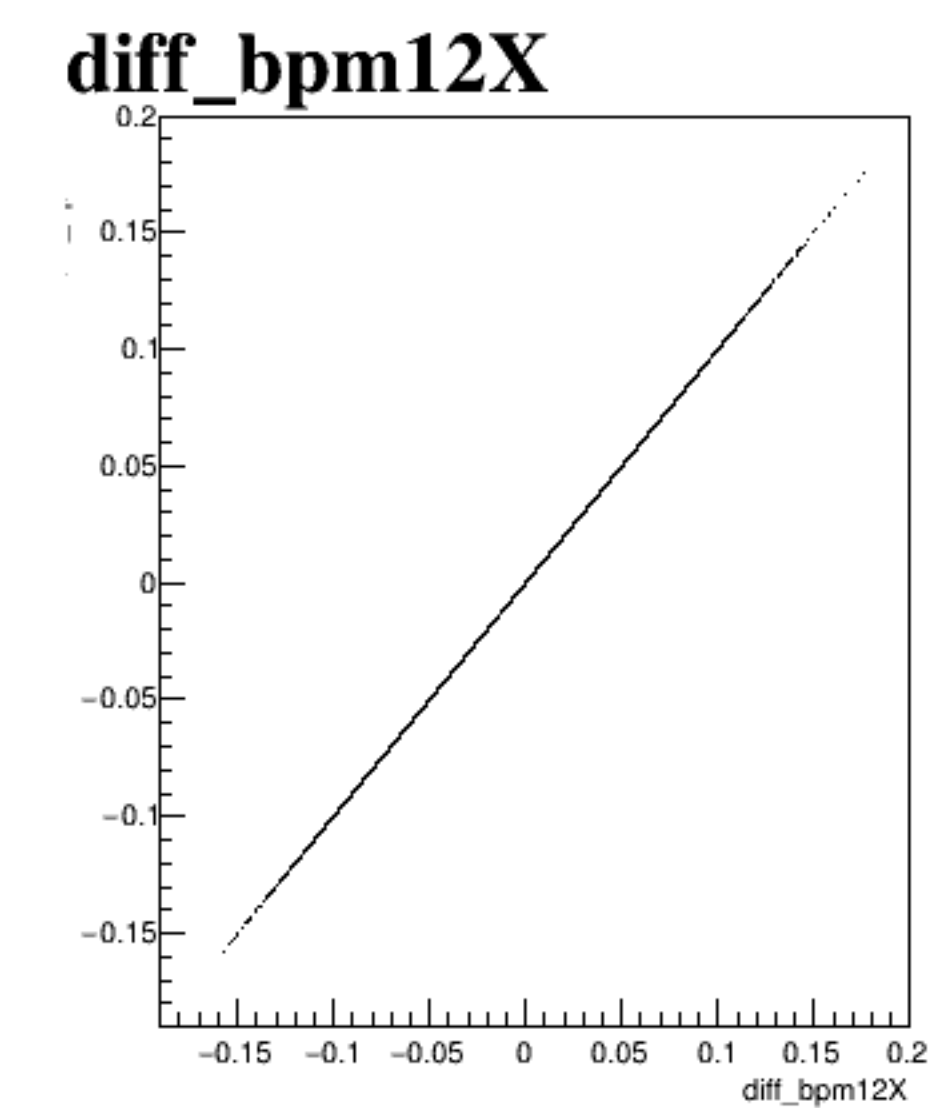
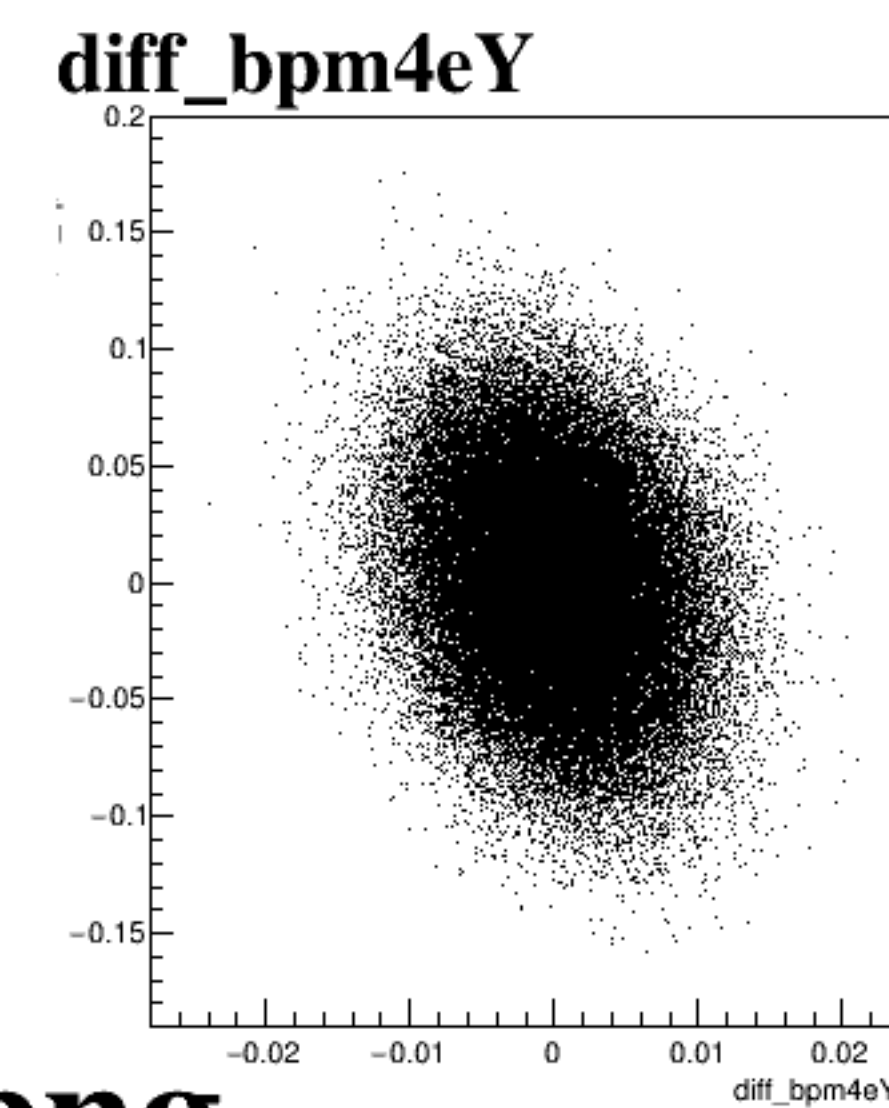
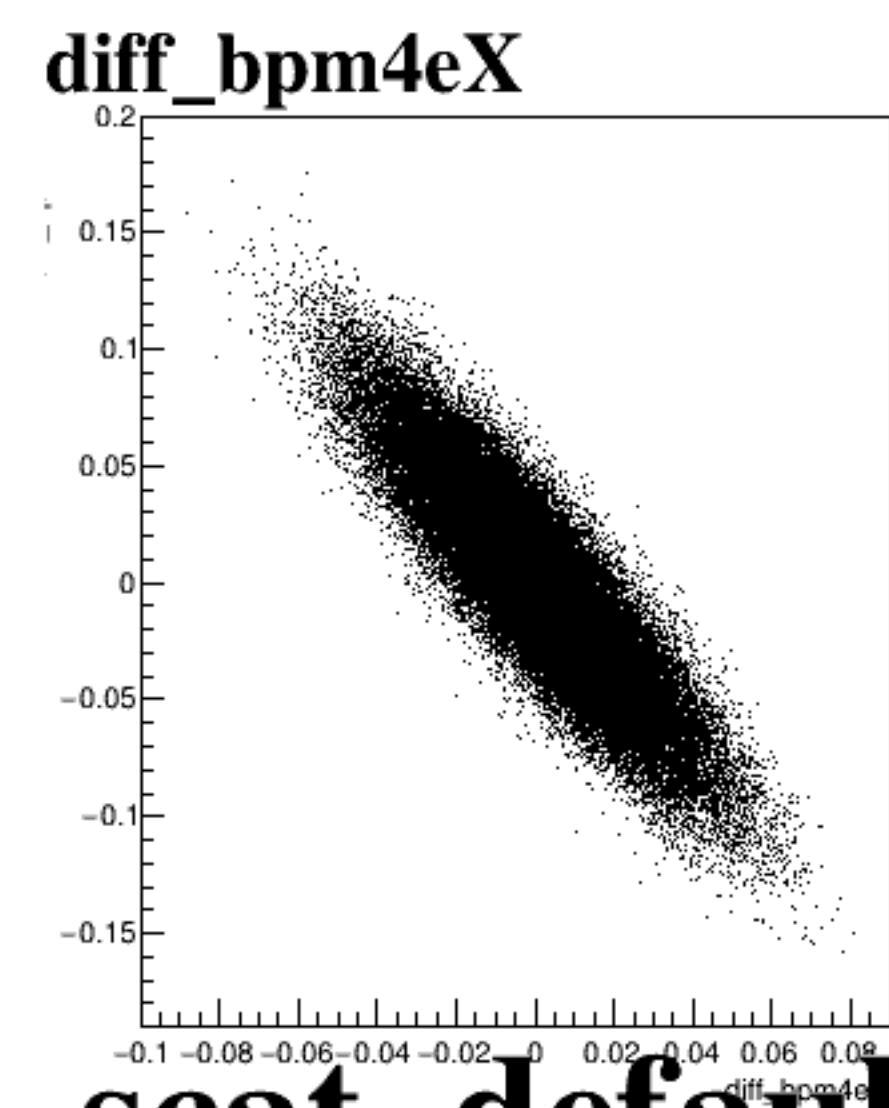
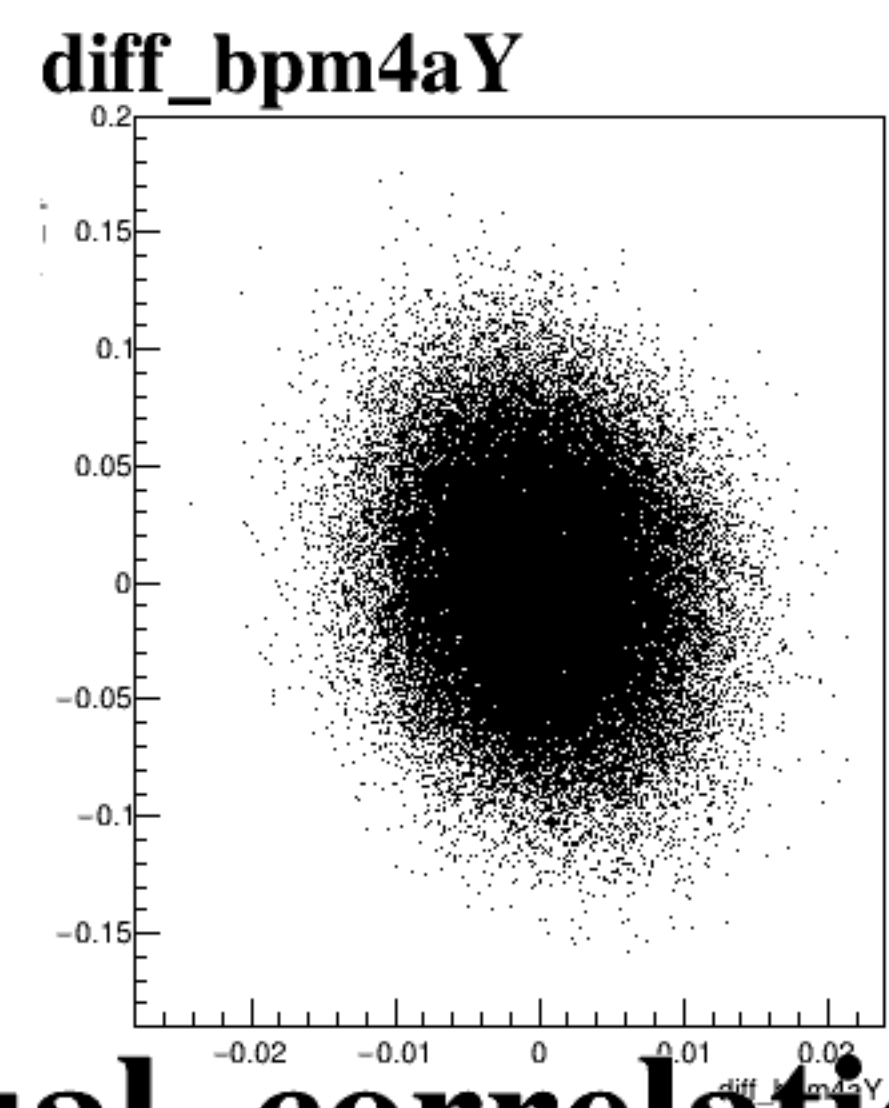
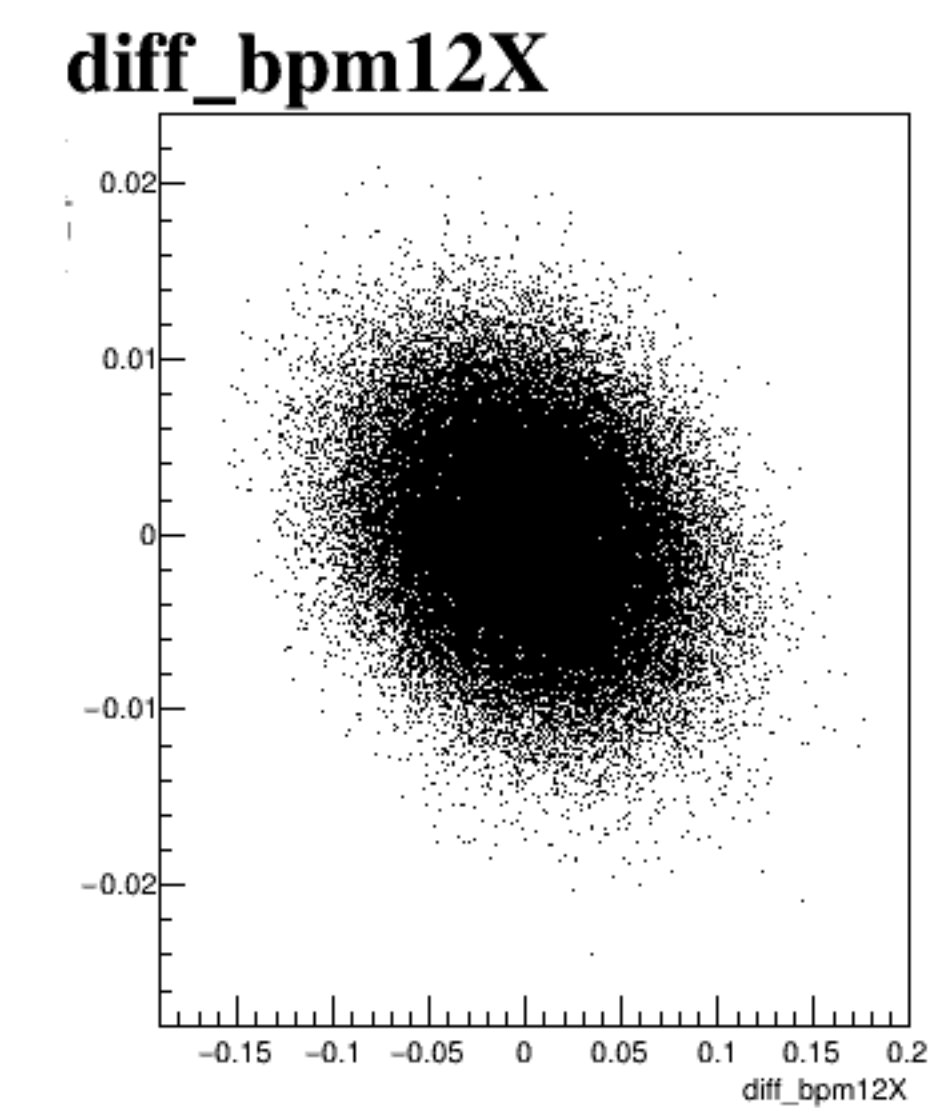
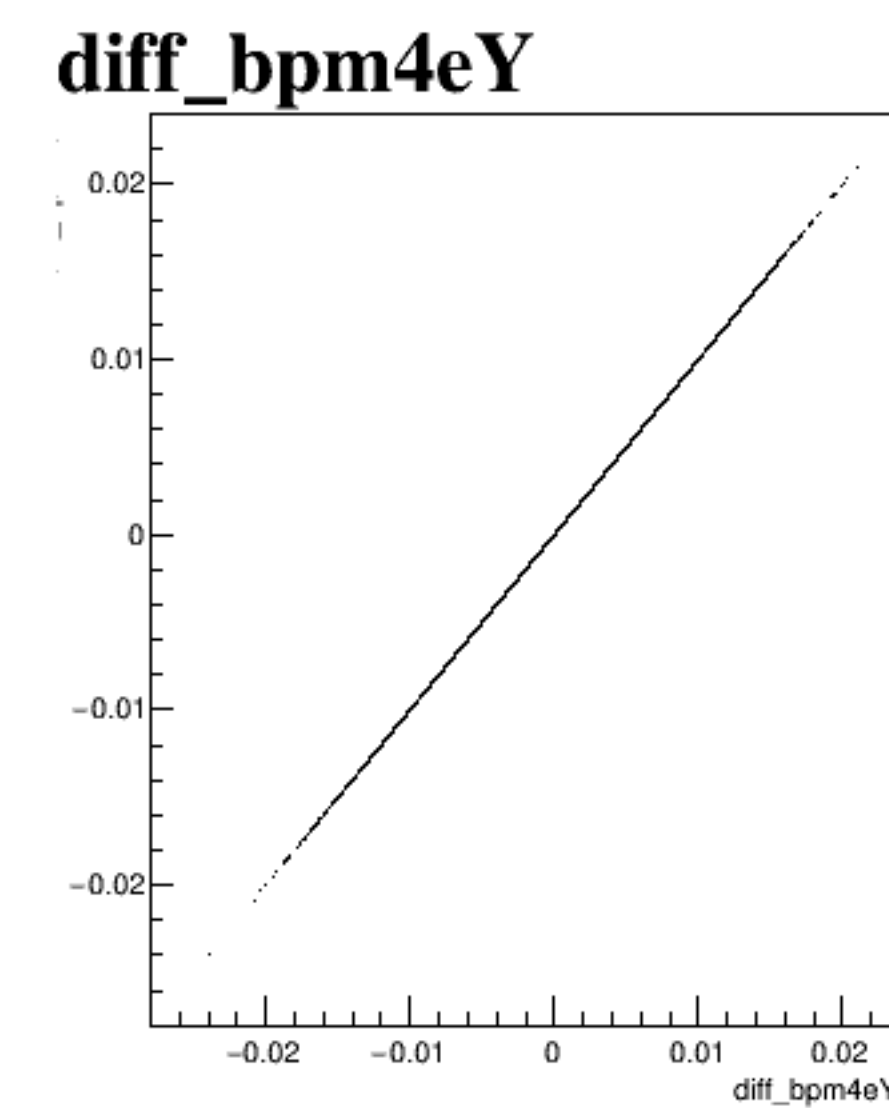
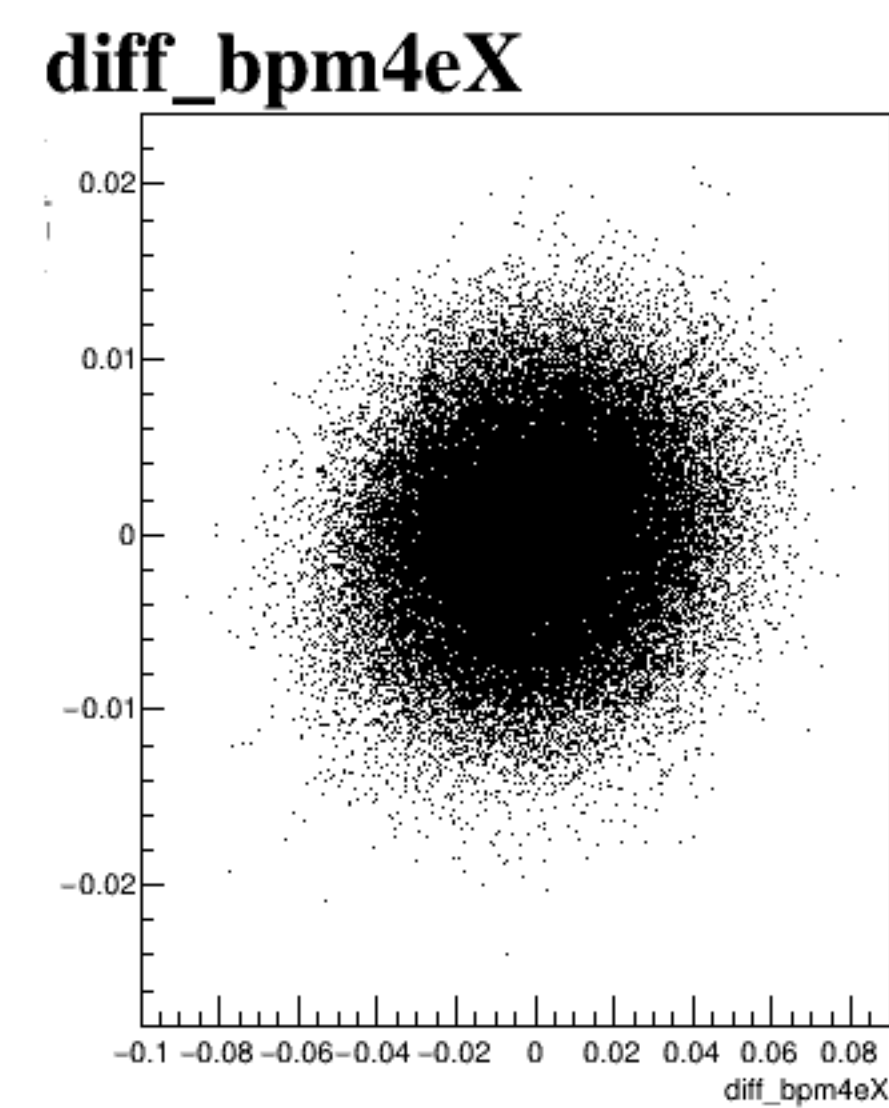
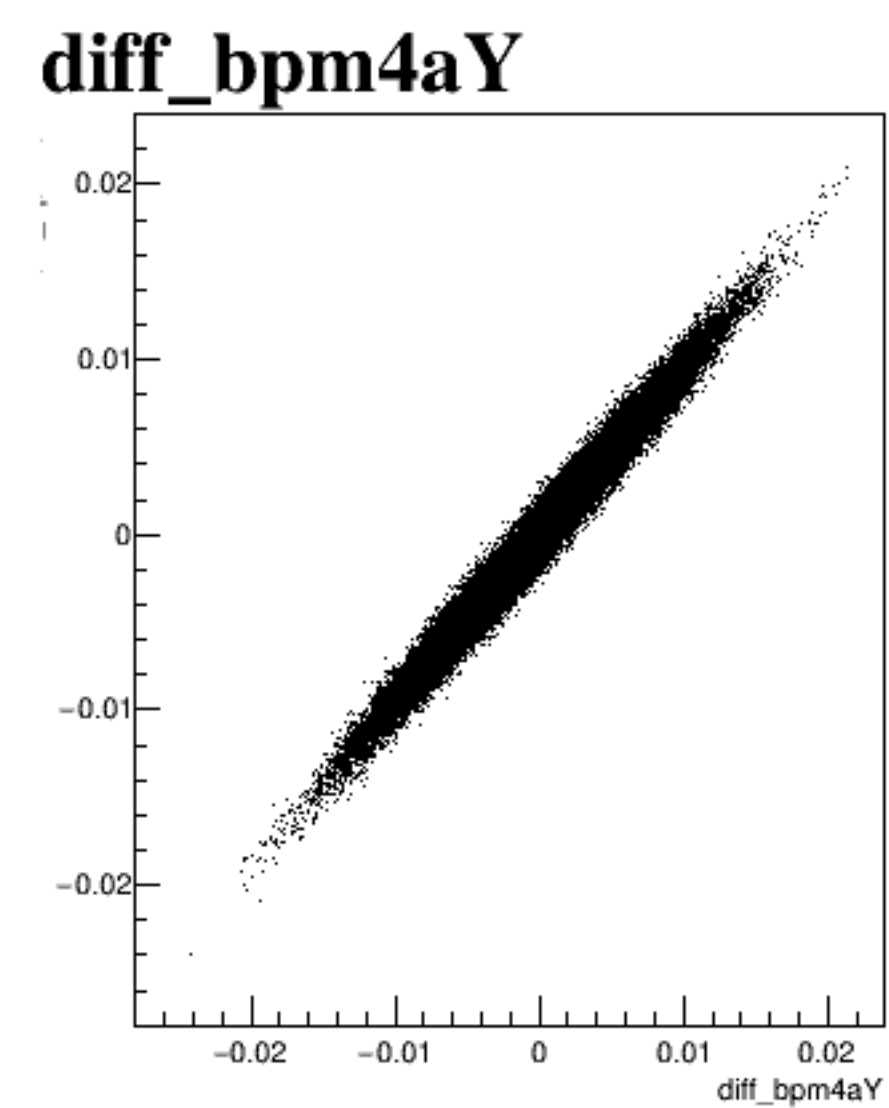
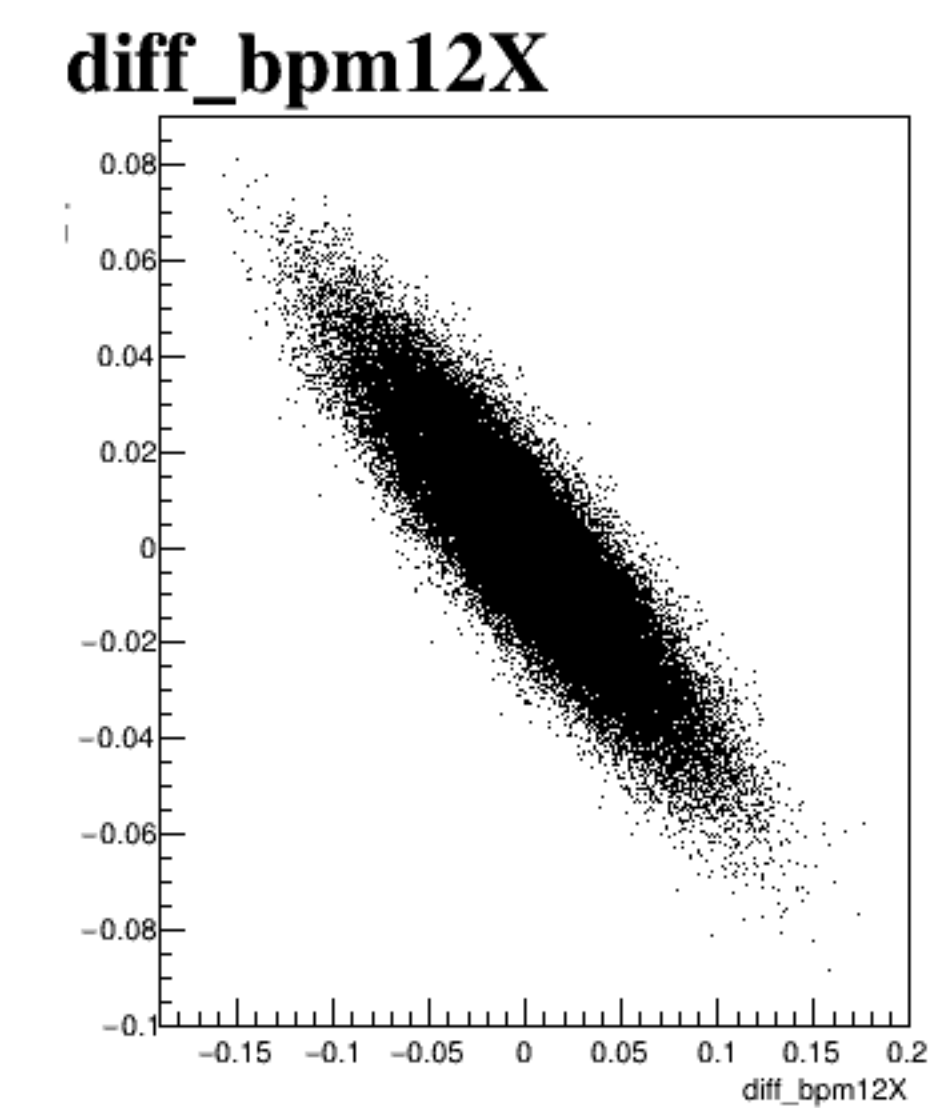
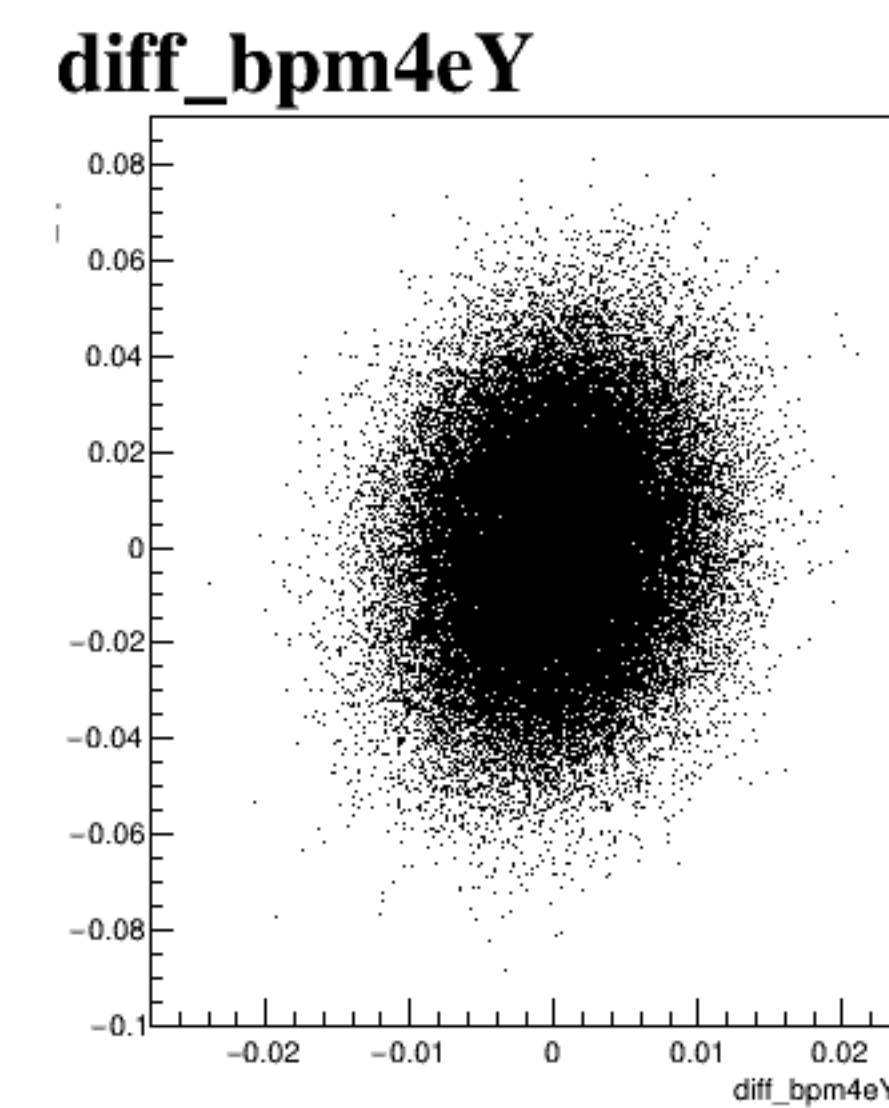
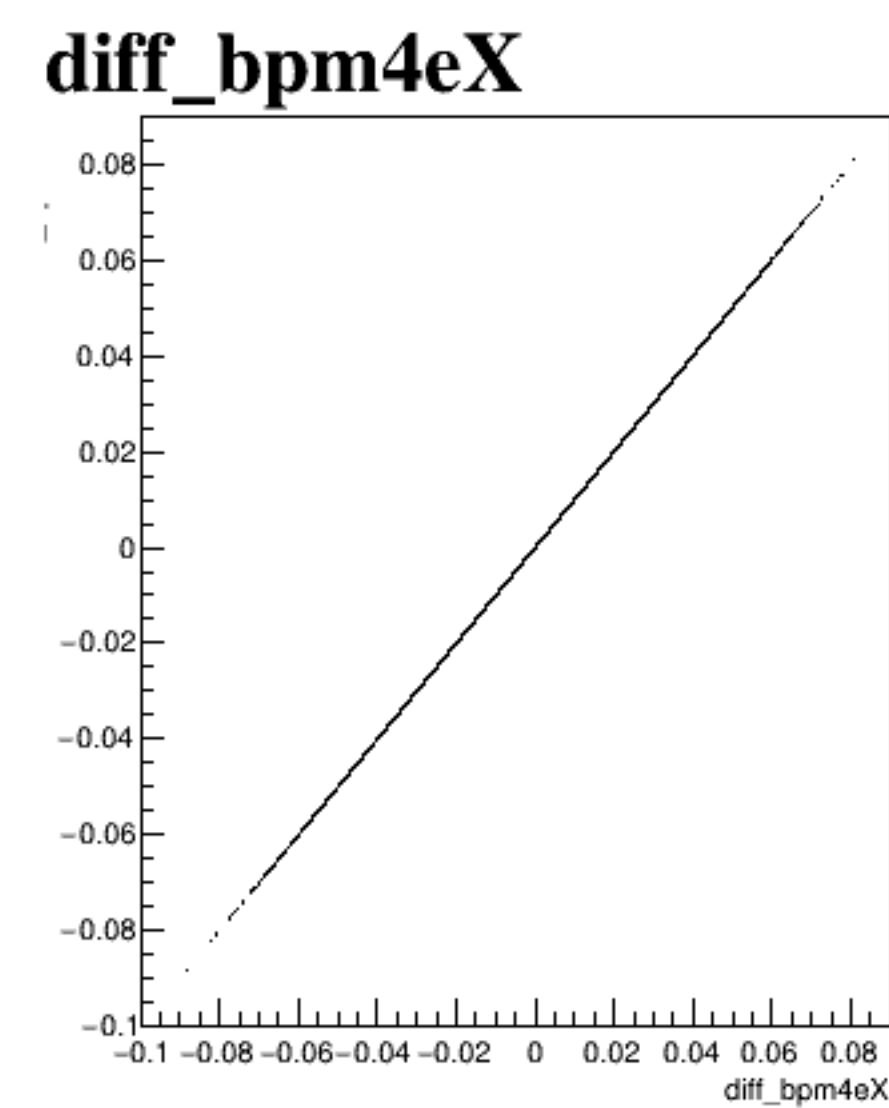
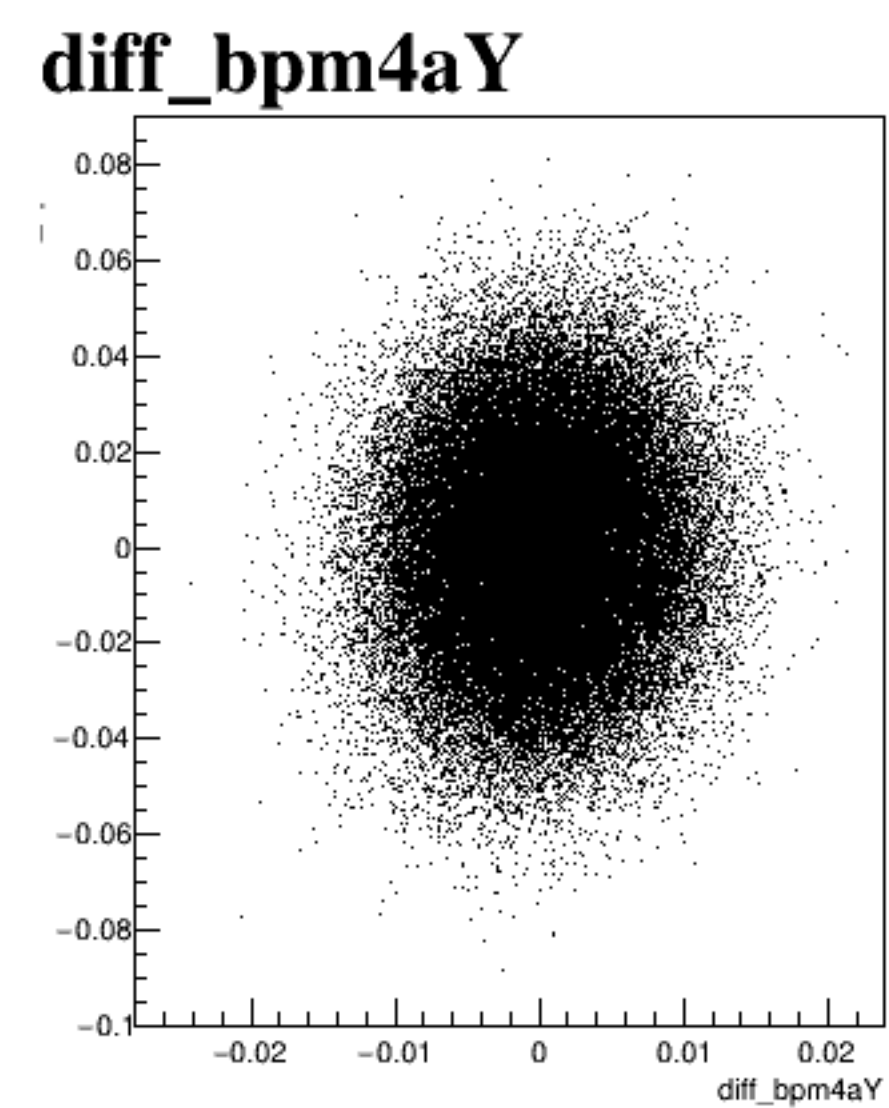
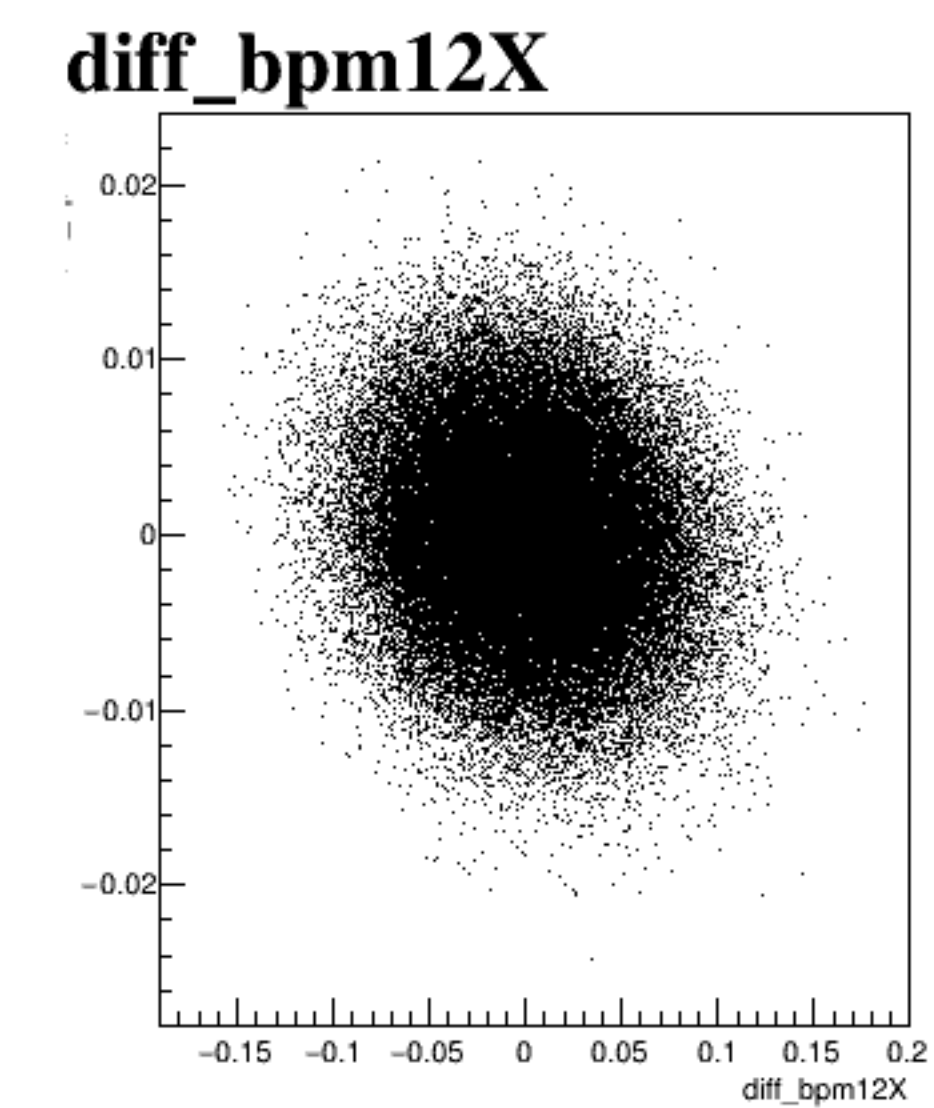
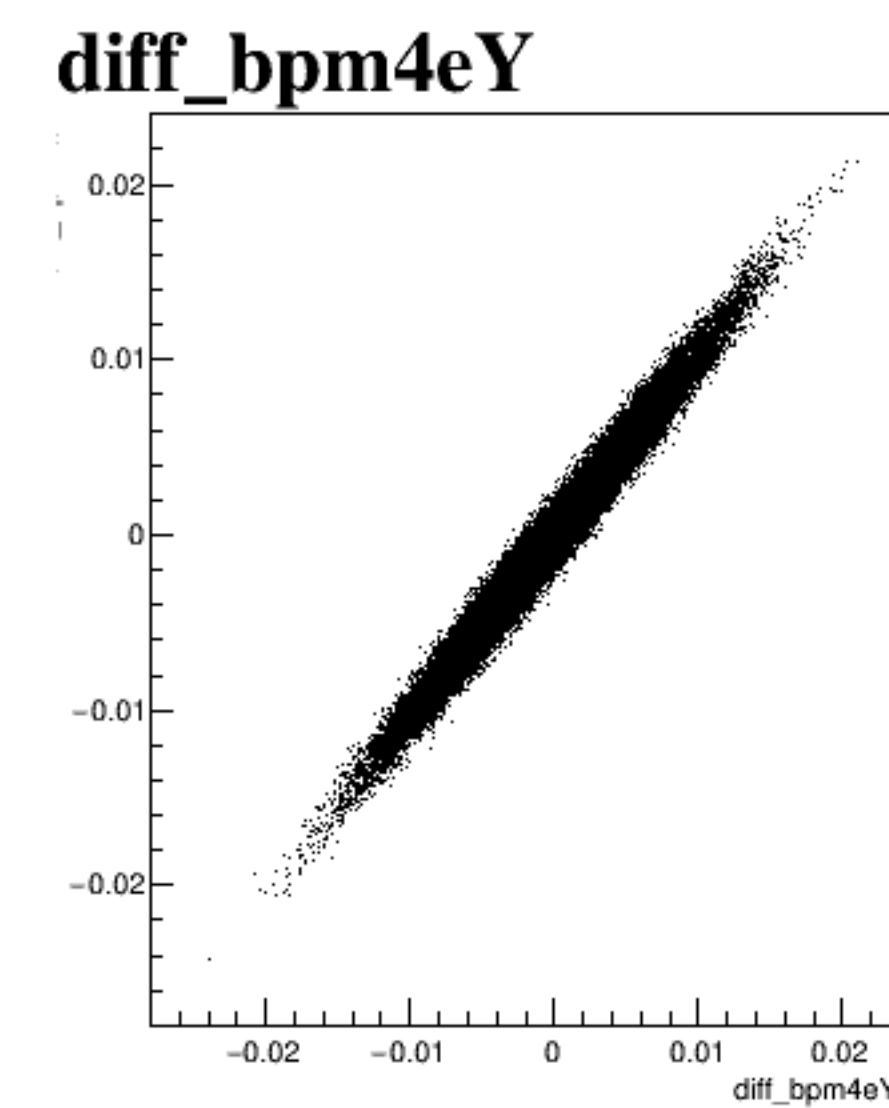
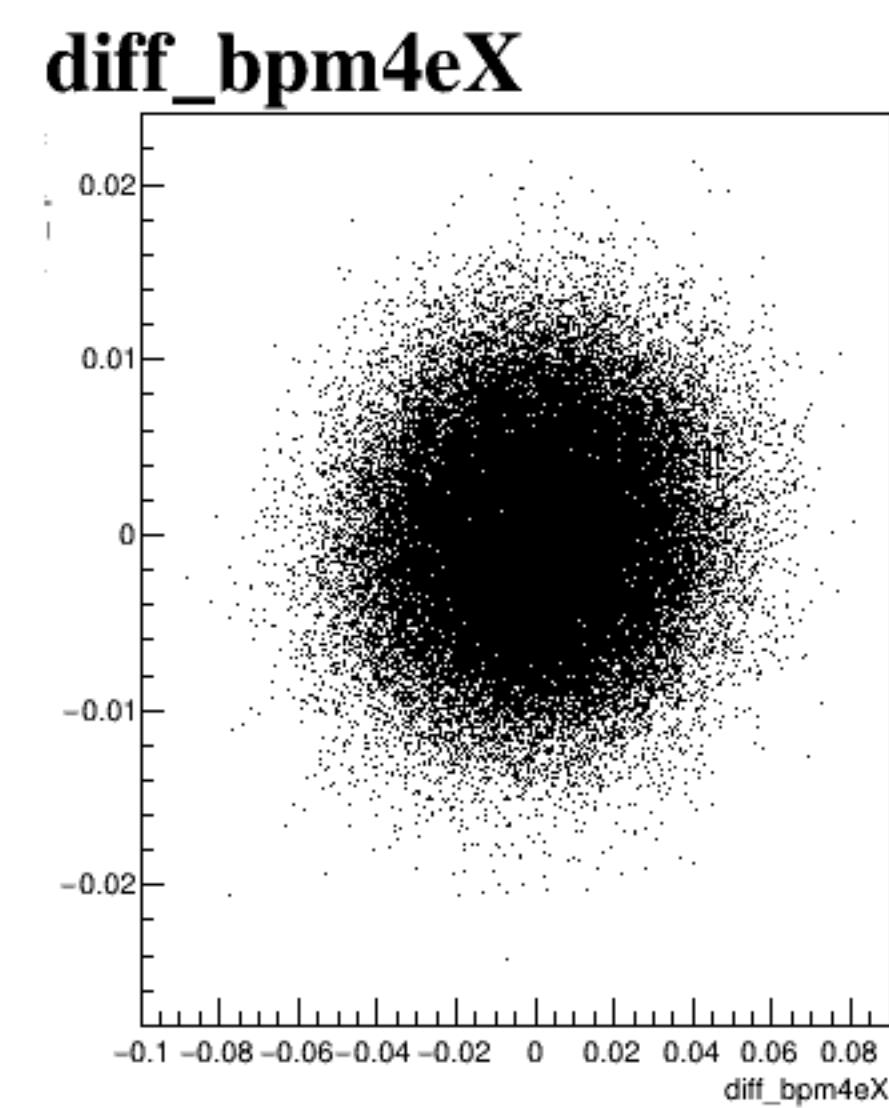
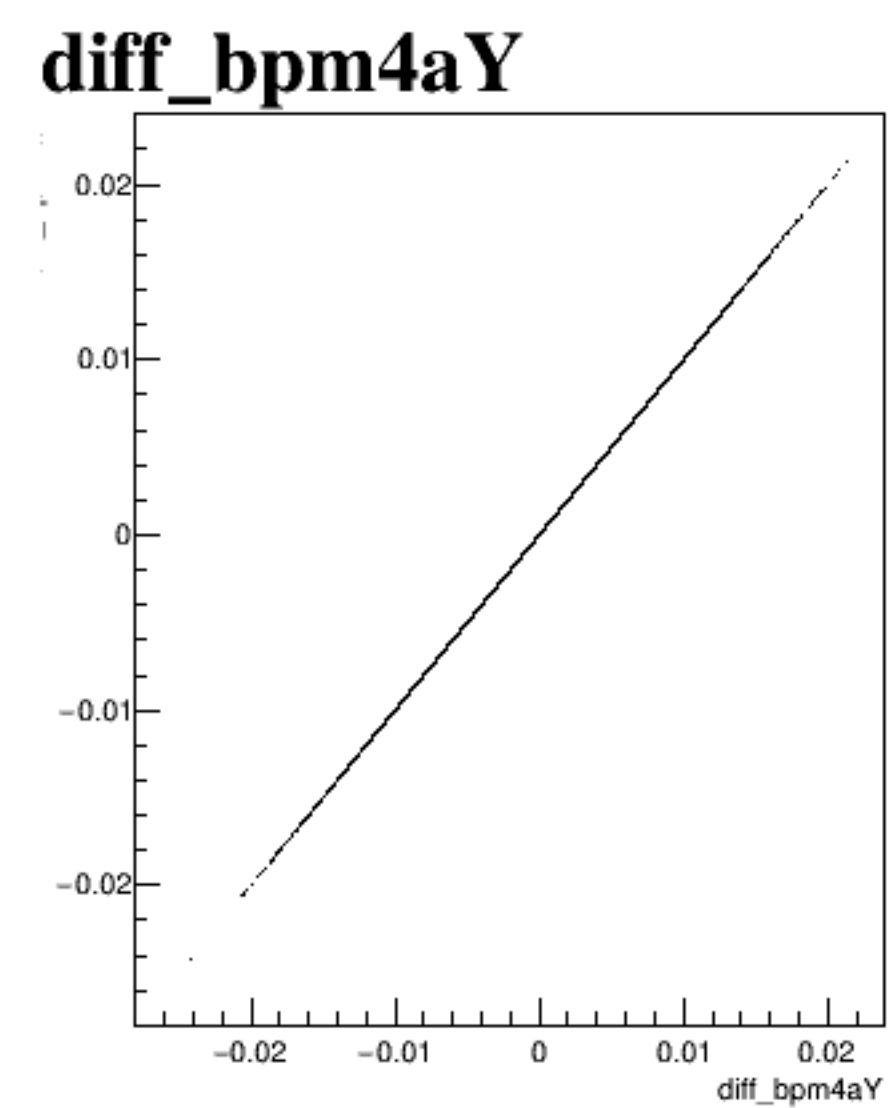
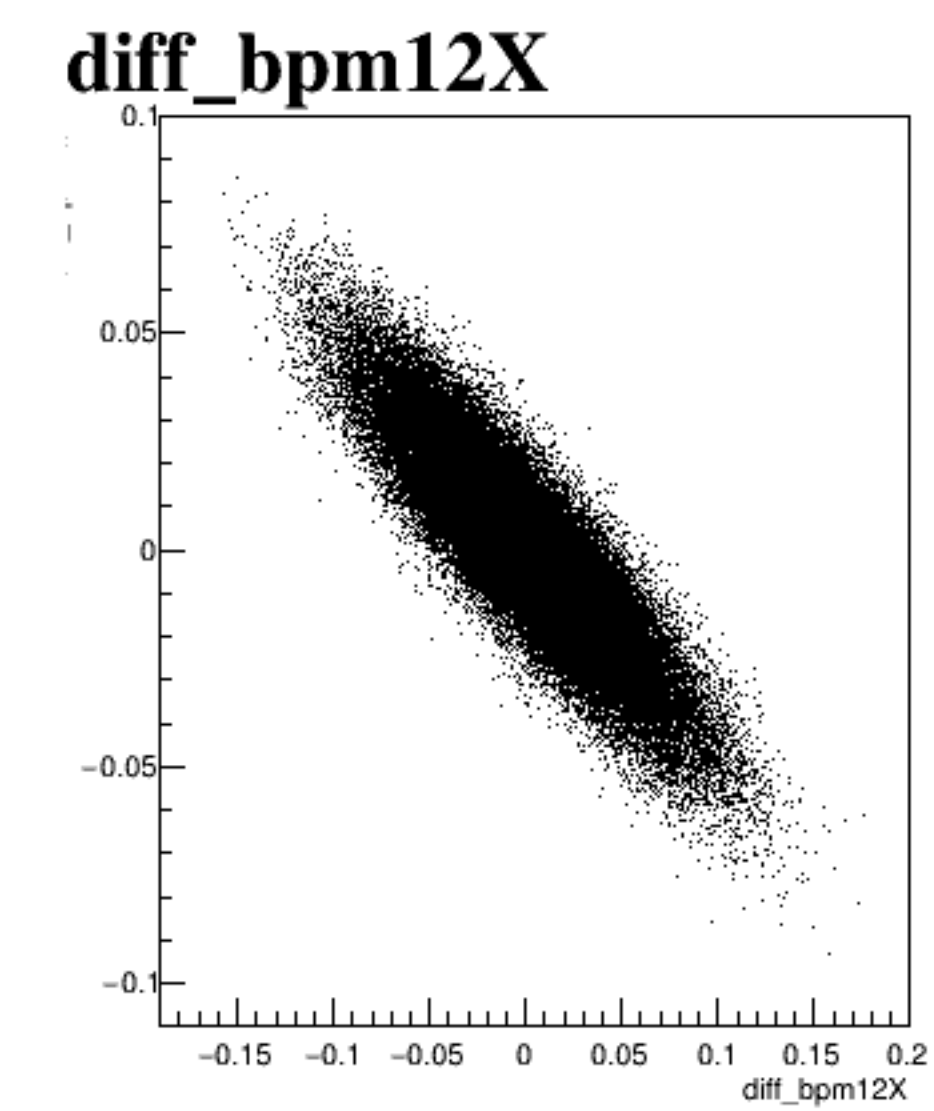
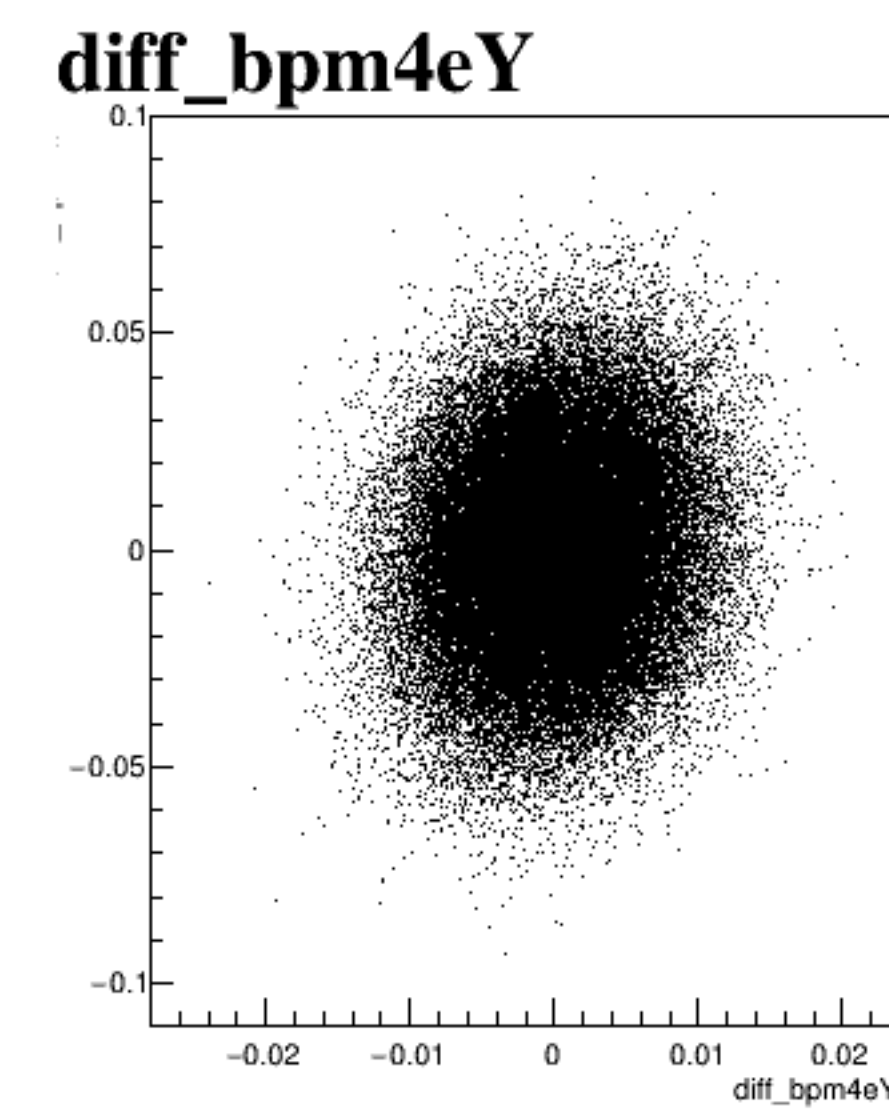
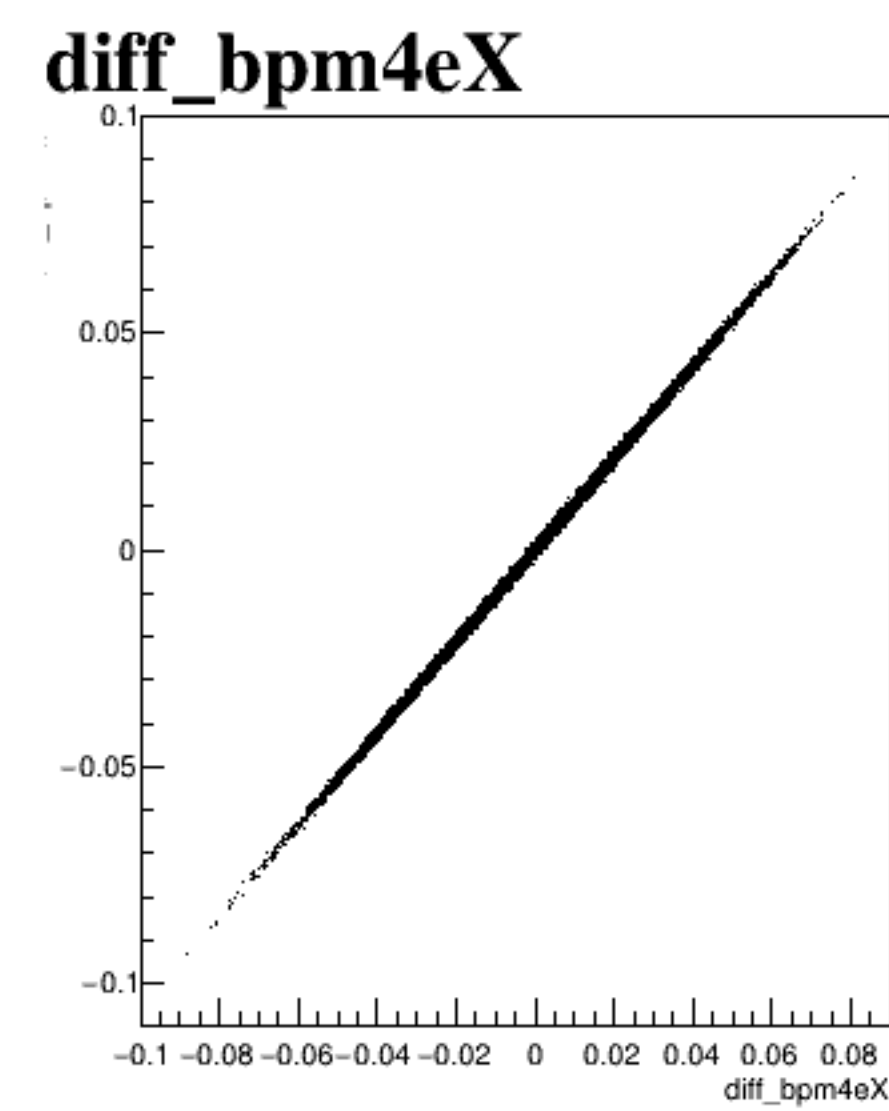
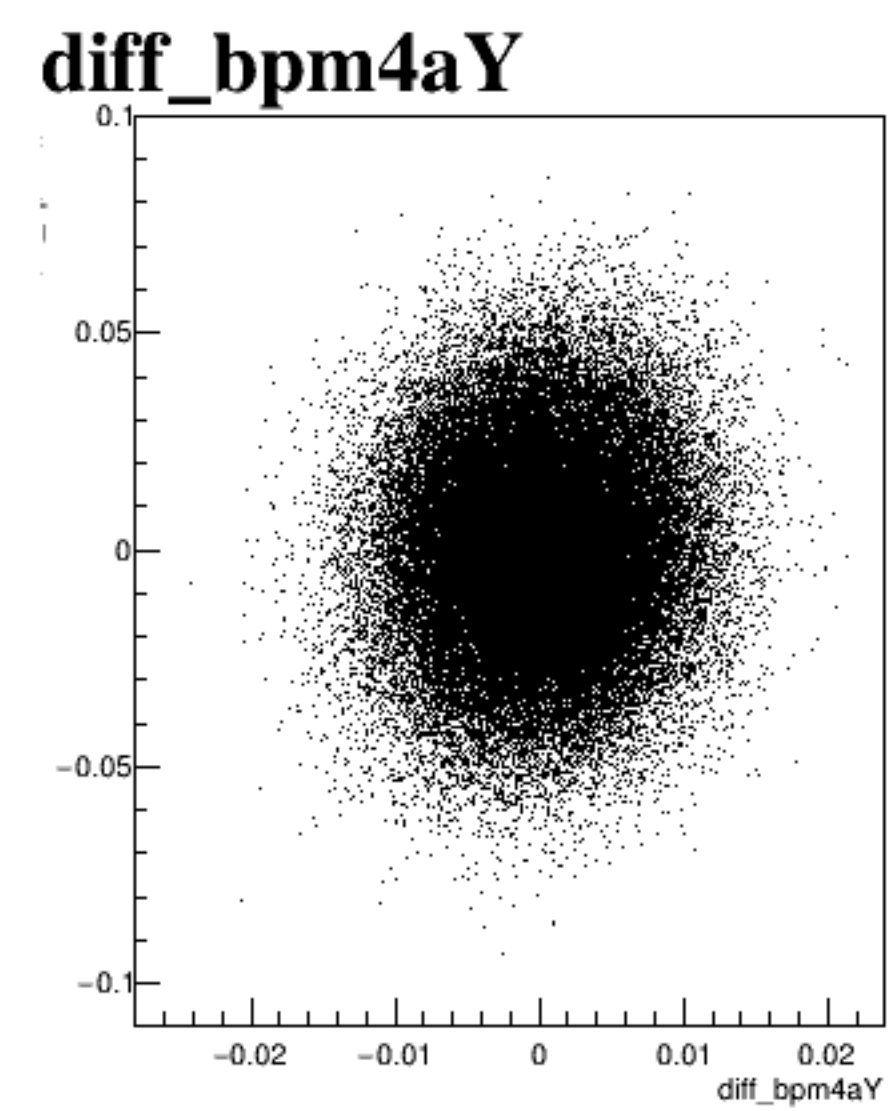
diff_bpm4eY



diff_bpm12X

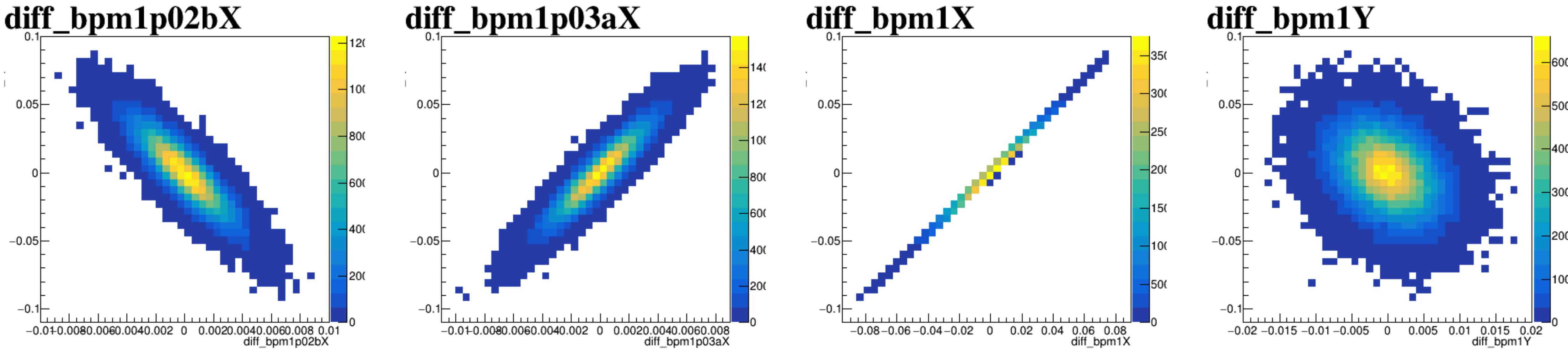


run8129_000_diff_bpm_mutual_correlation_fit_default.png

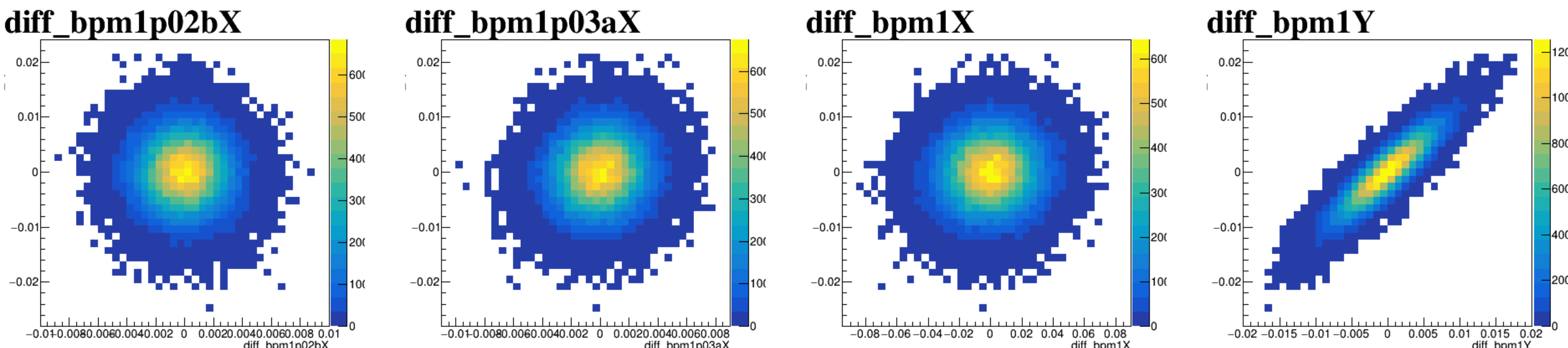


run8129_000_diff_bpm_mutual_correlation_scatter_default.png

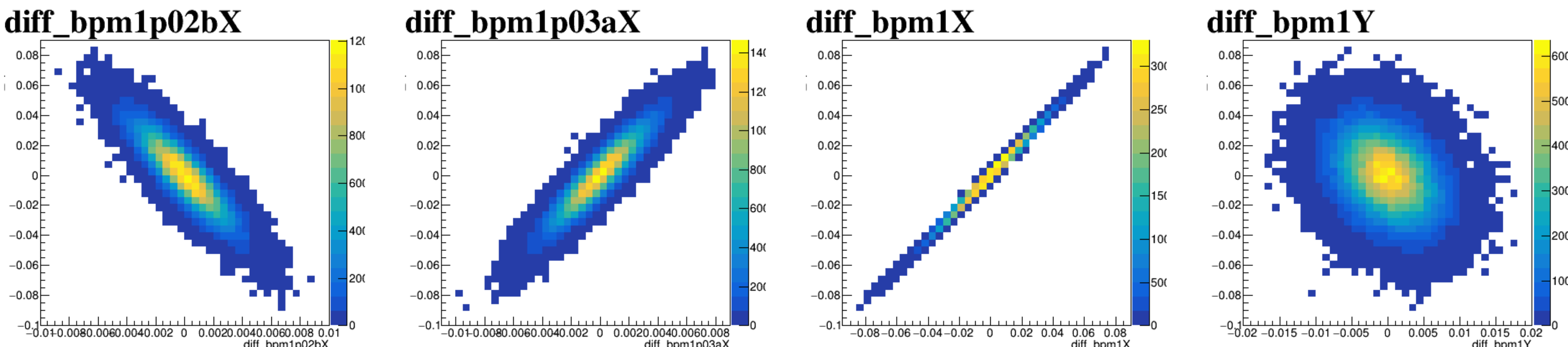
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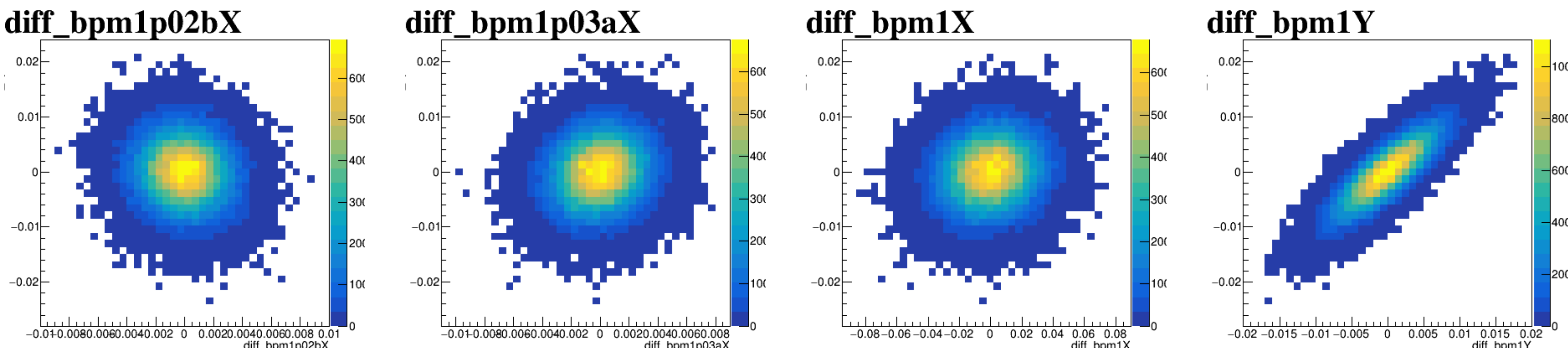
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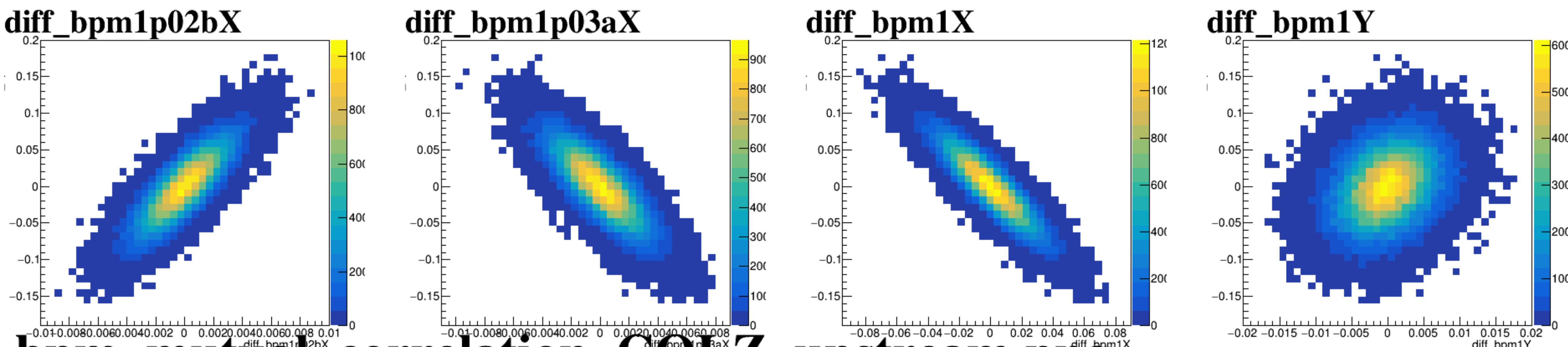
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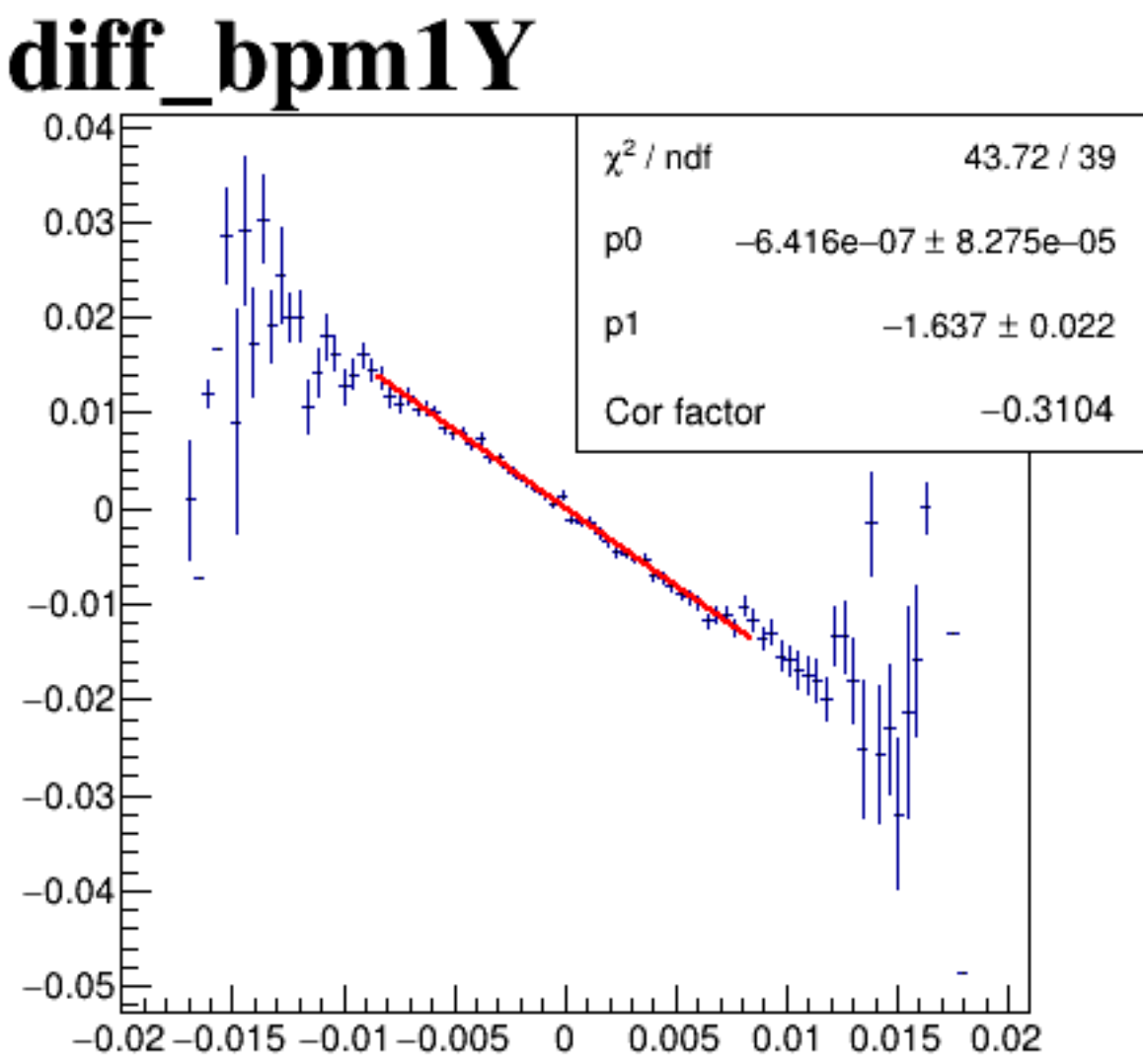
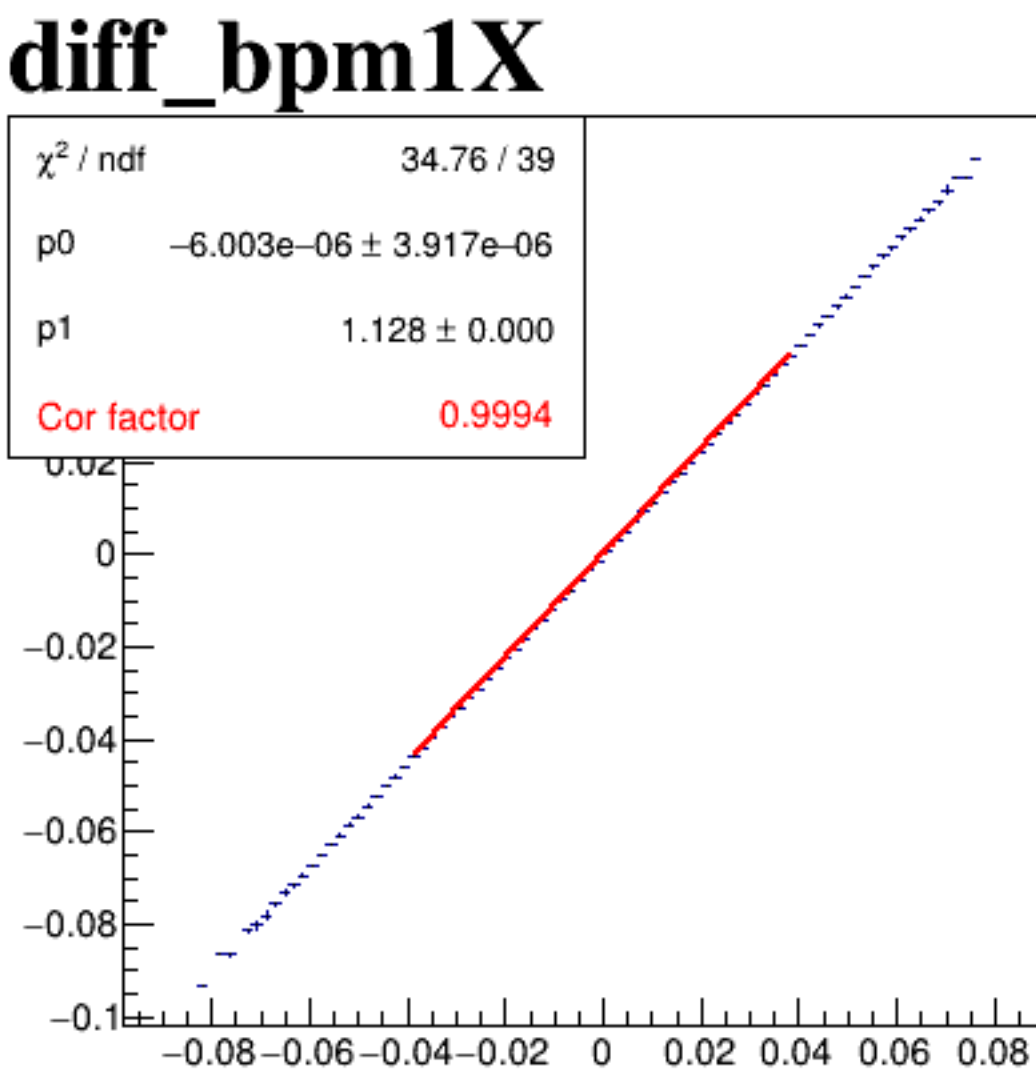
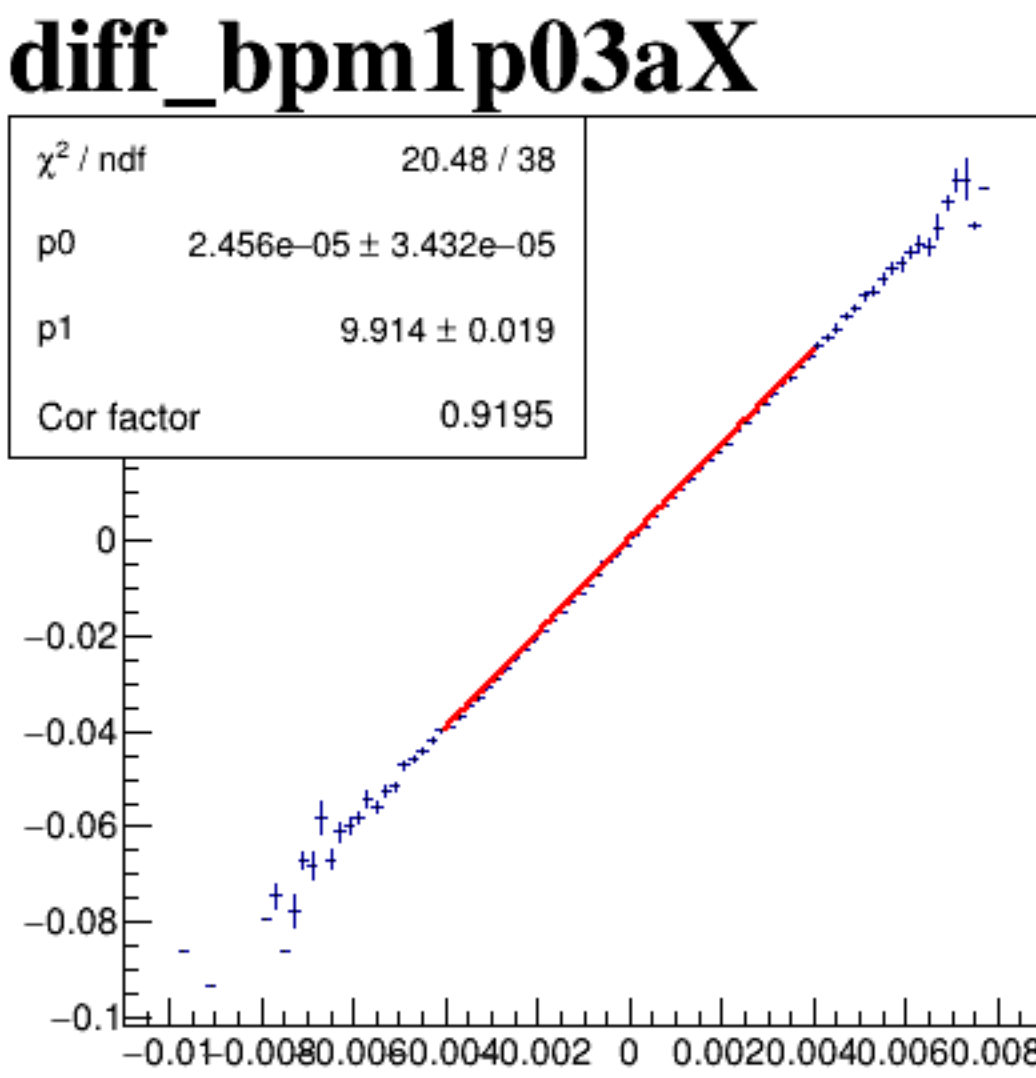
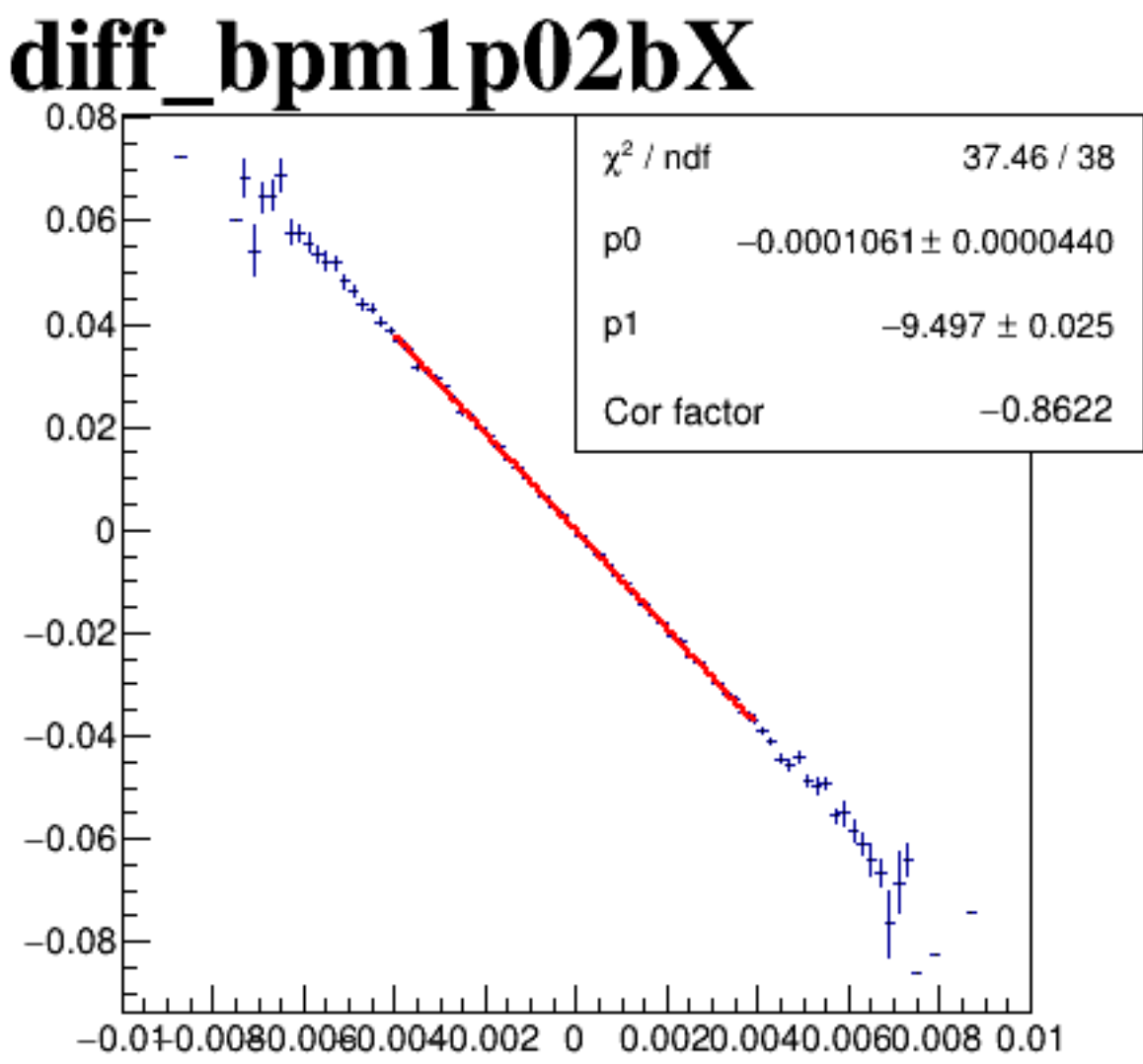
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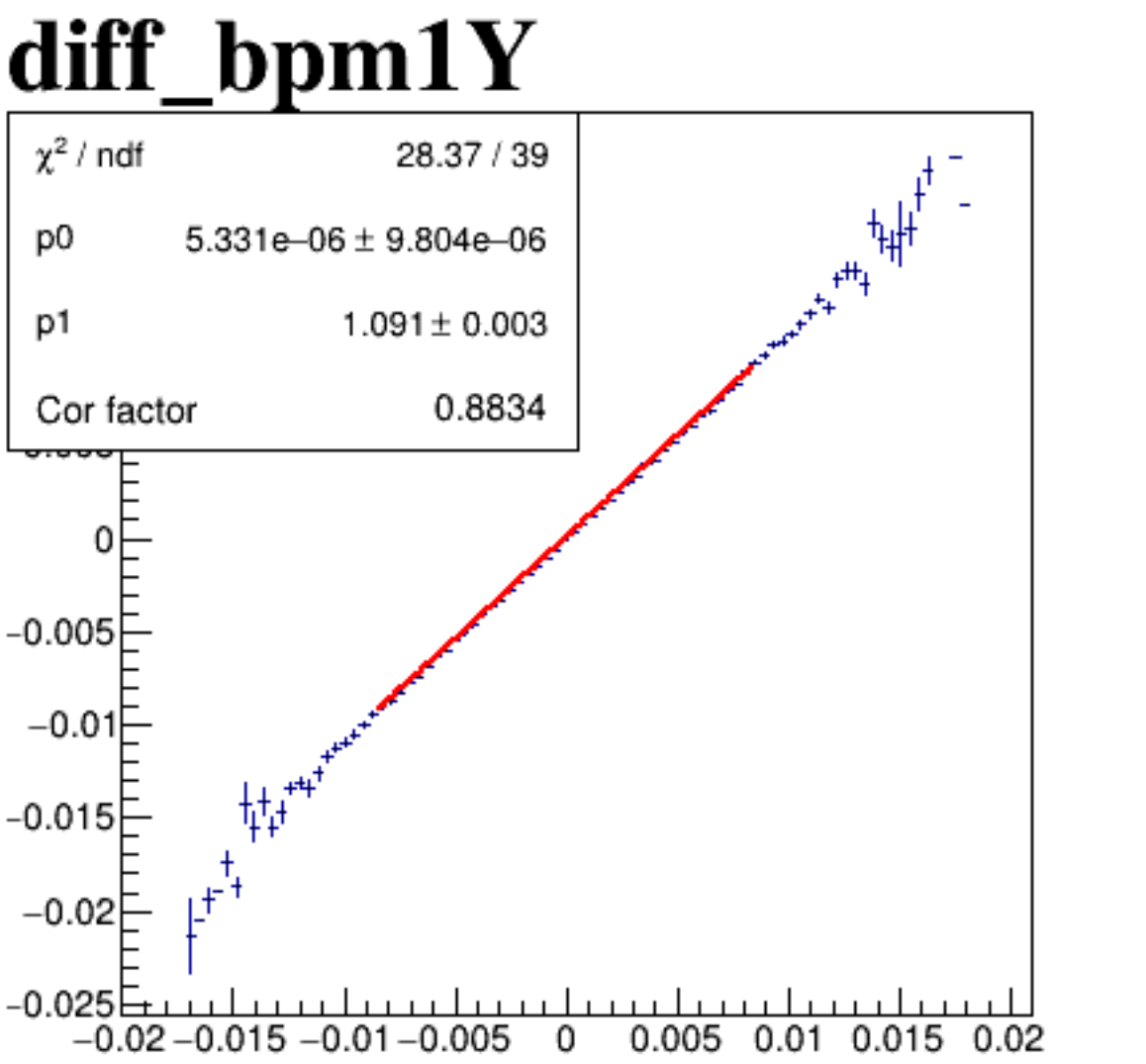
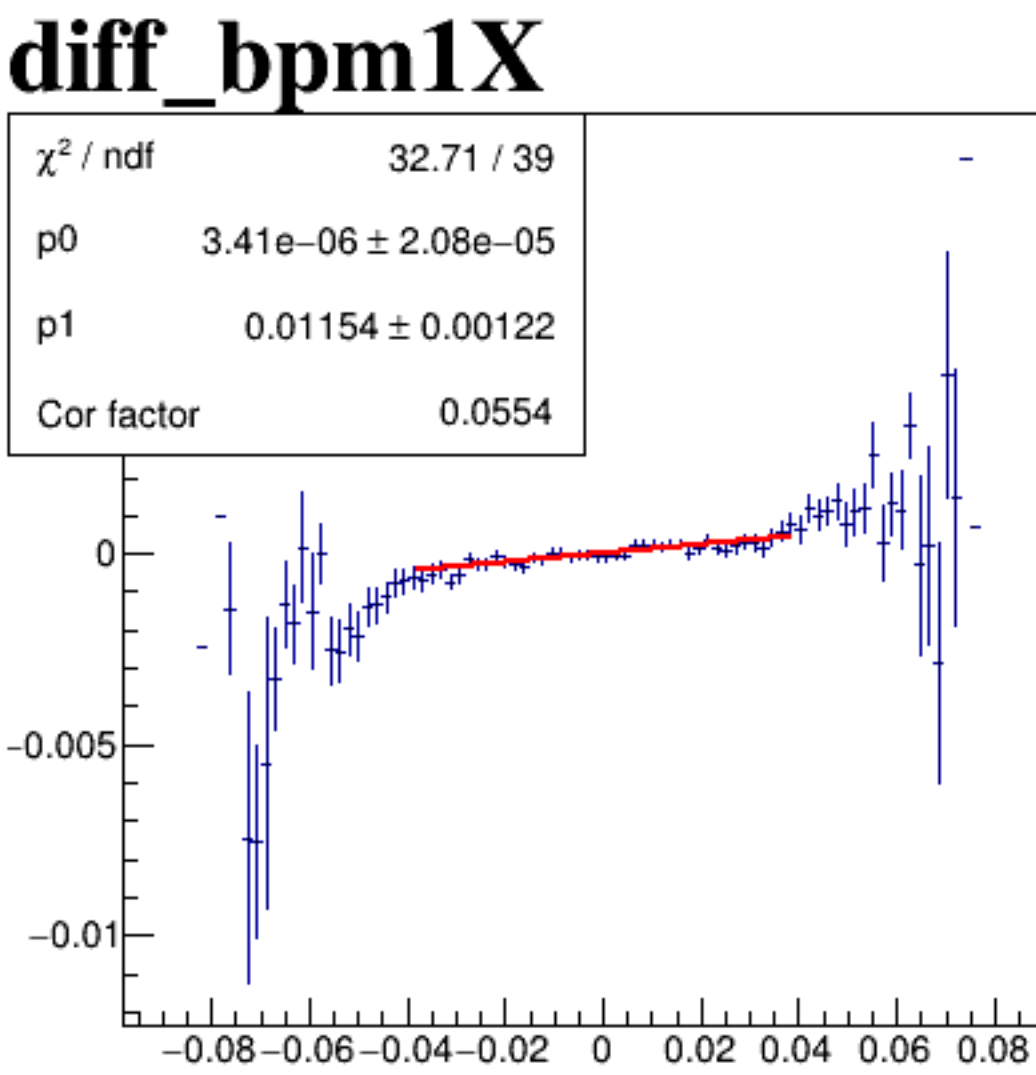
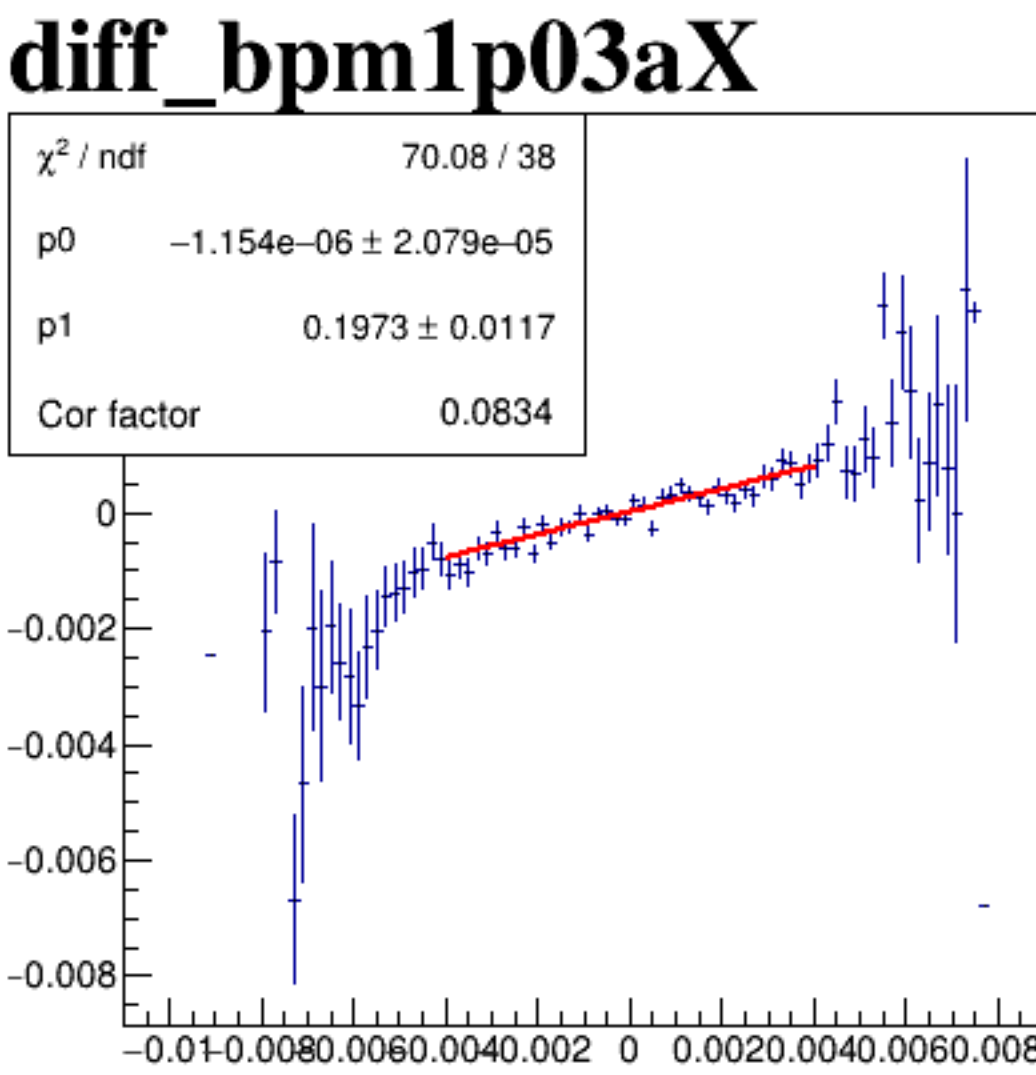
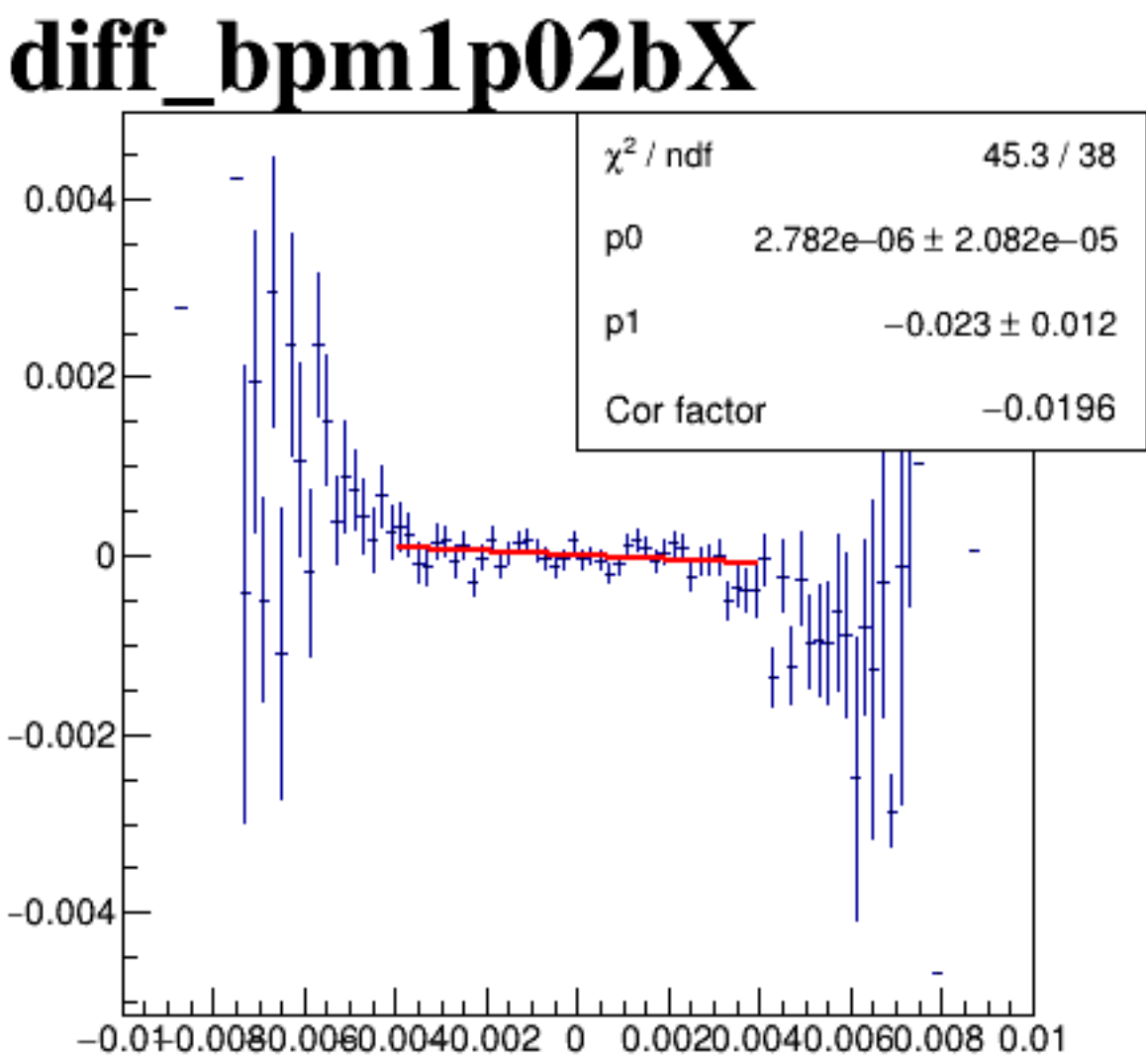
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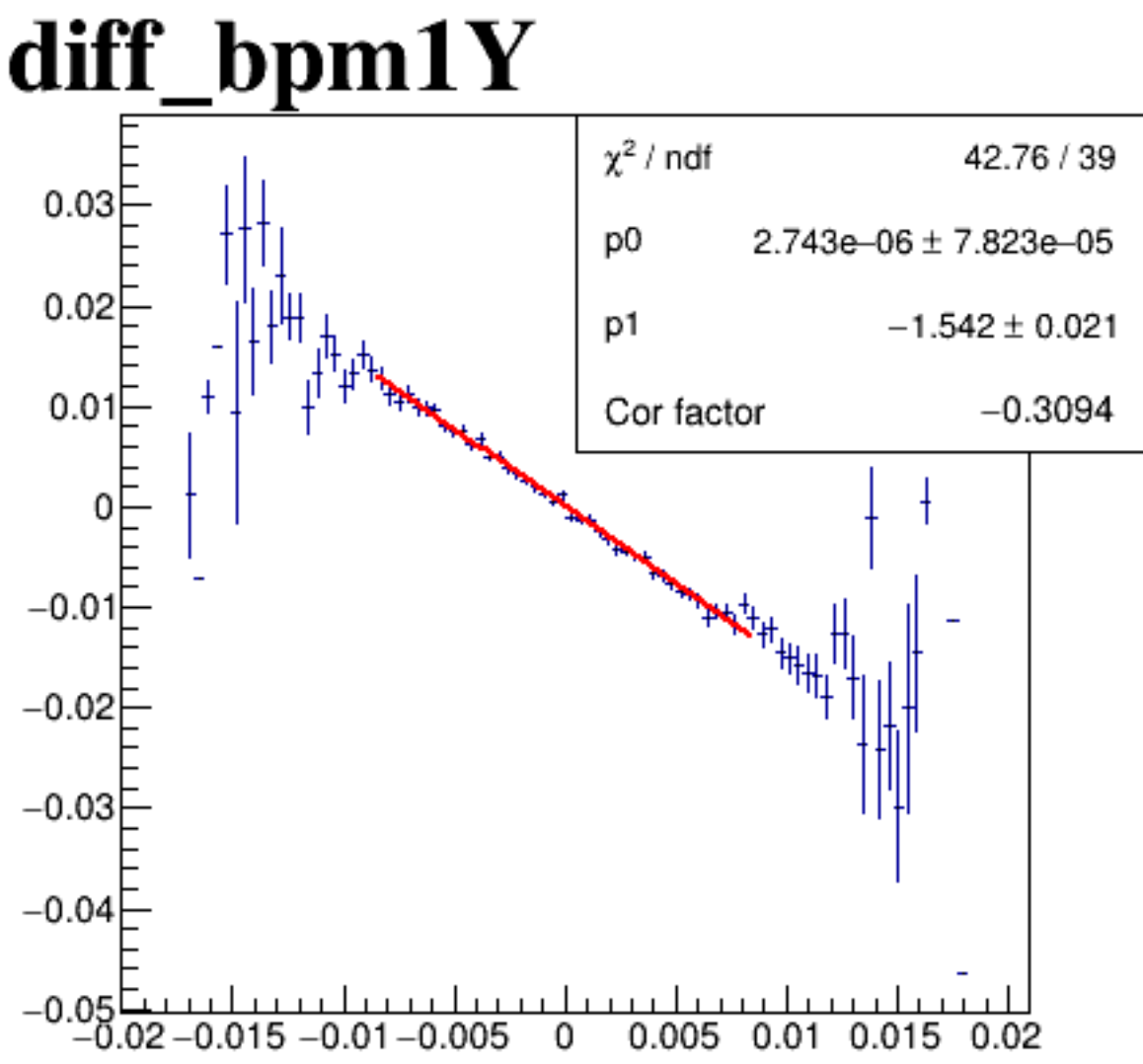
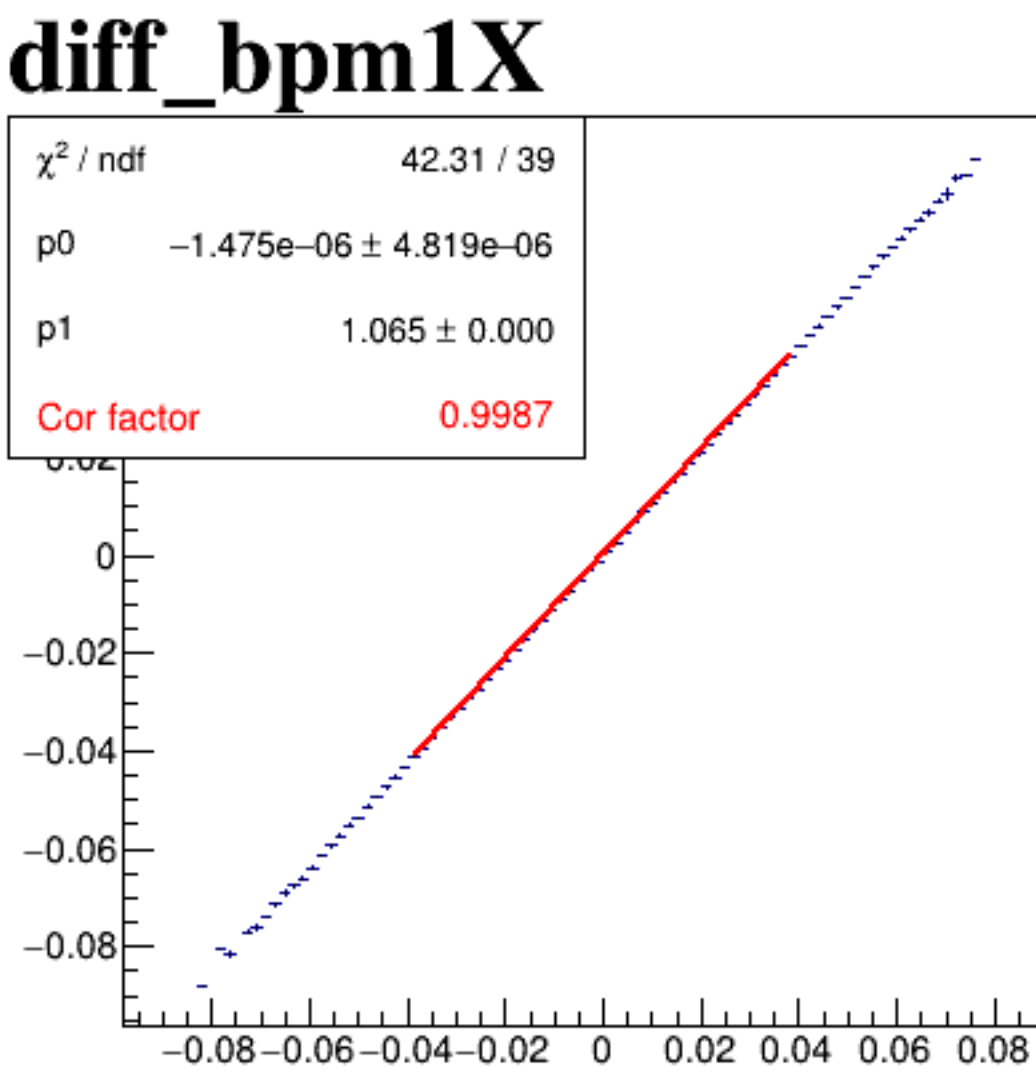
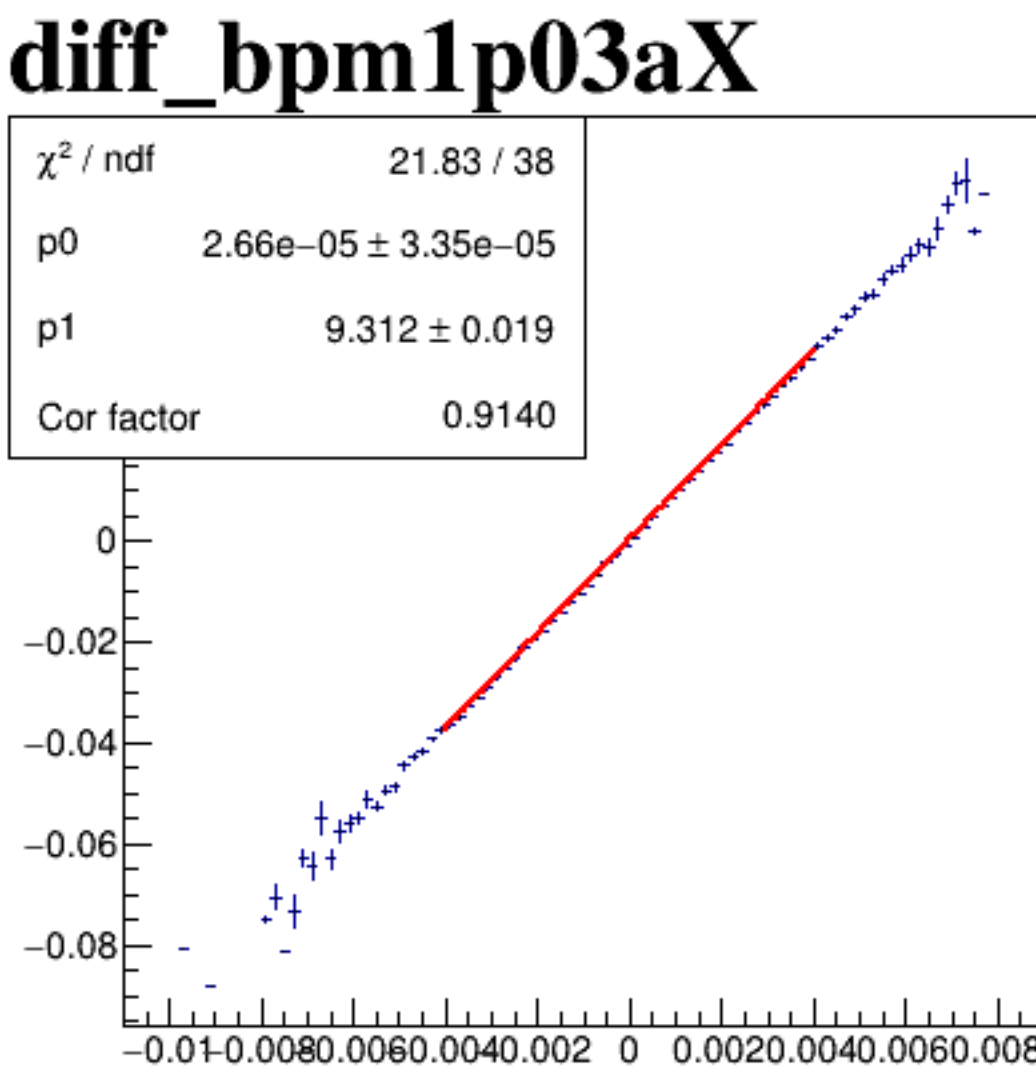
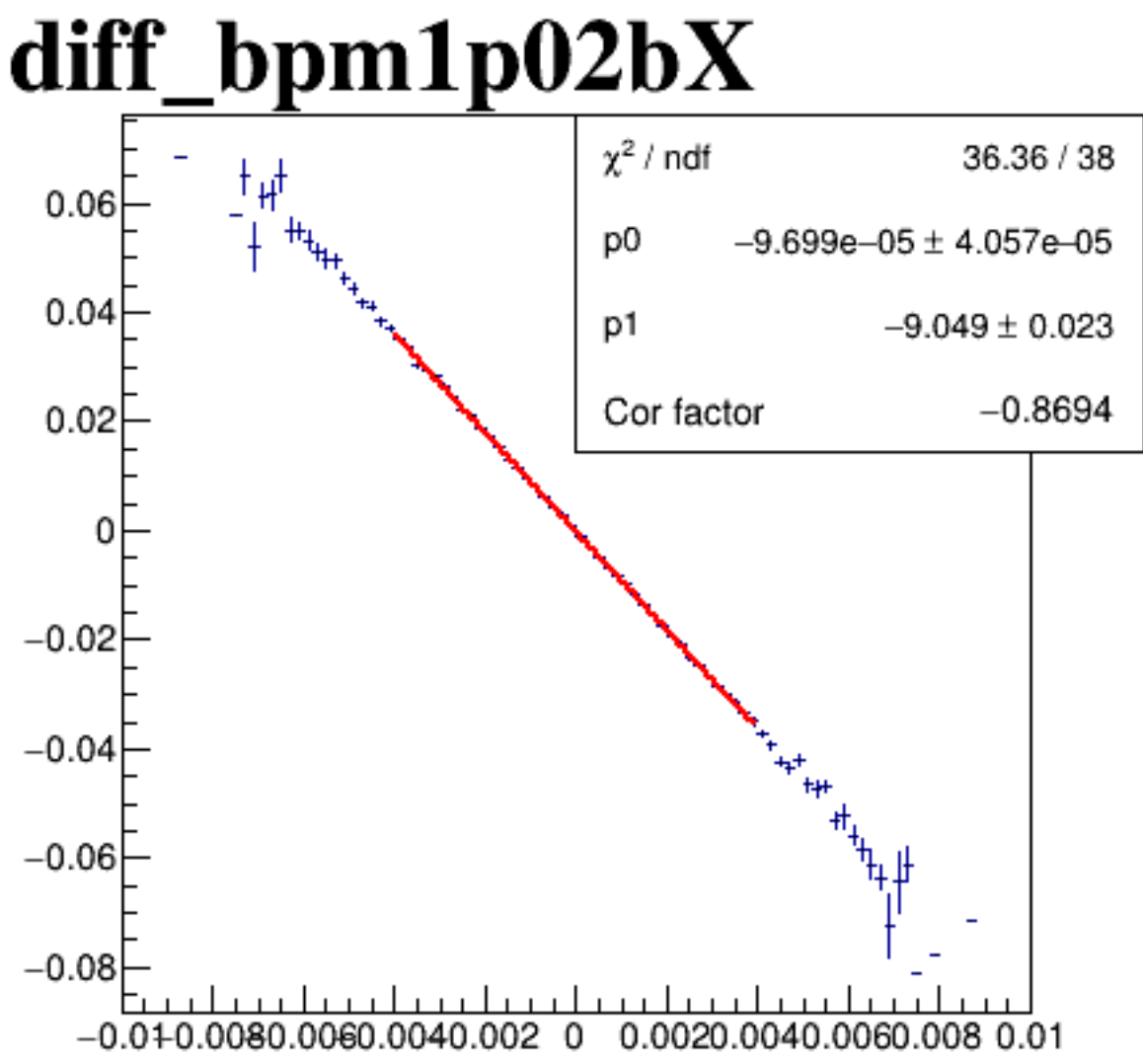
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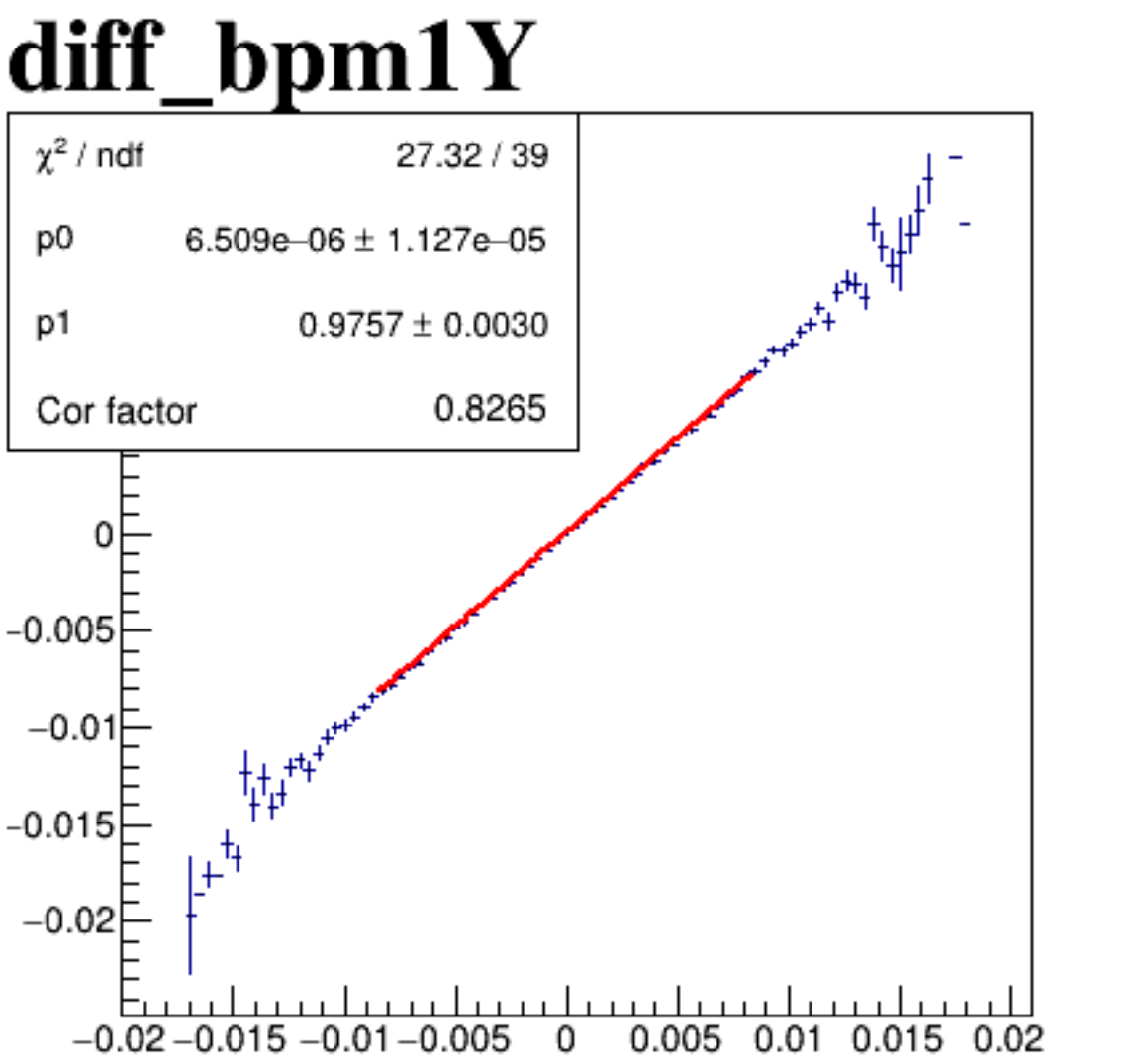
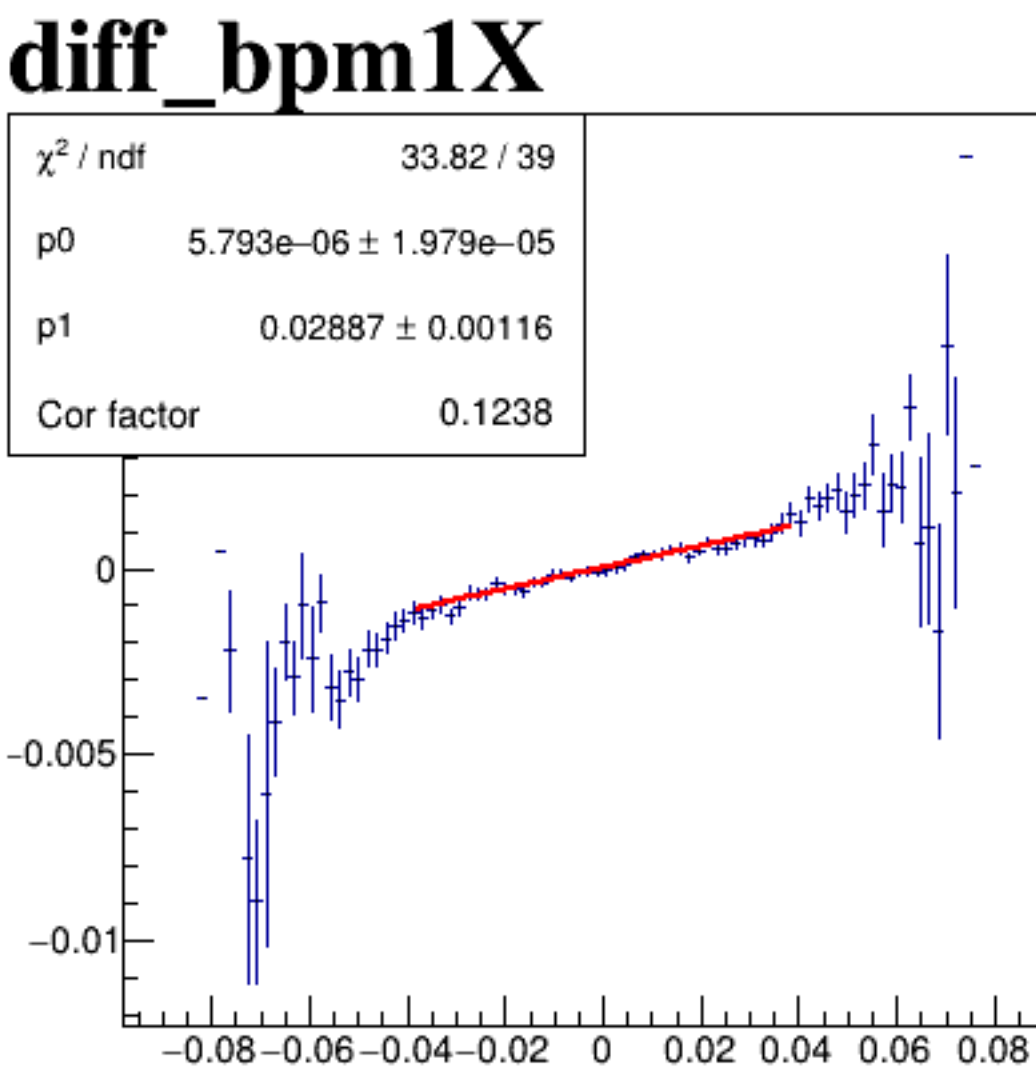
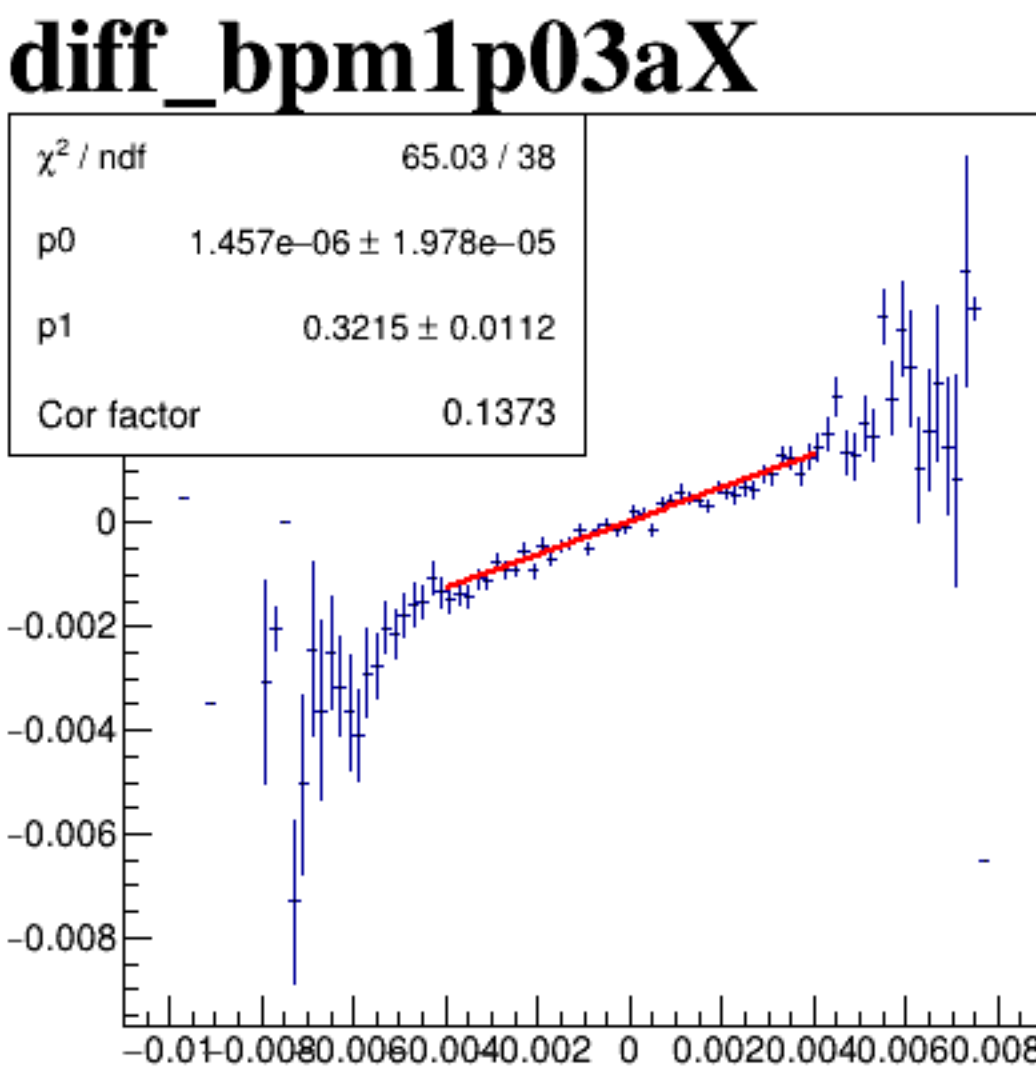
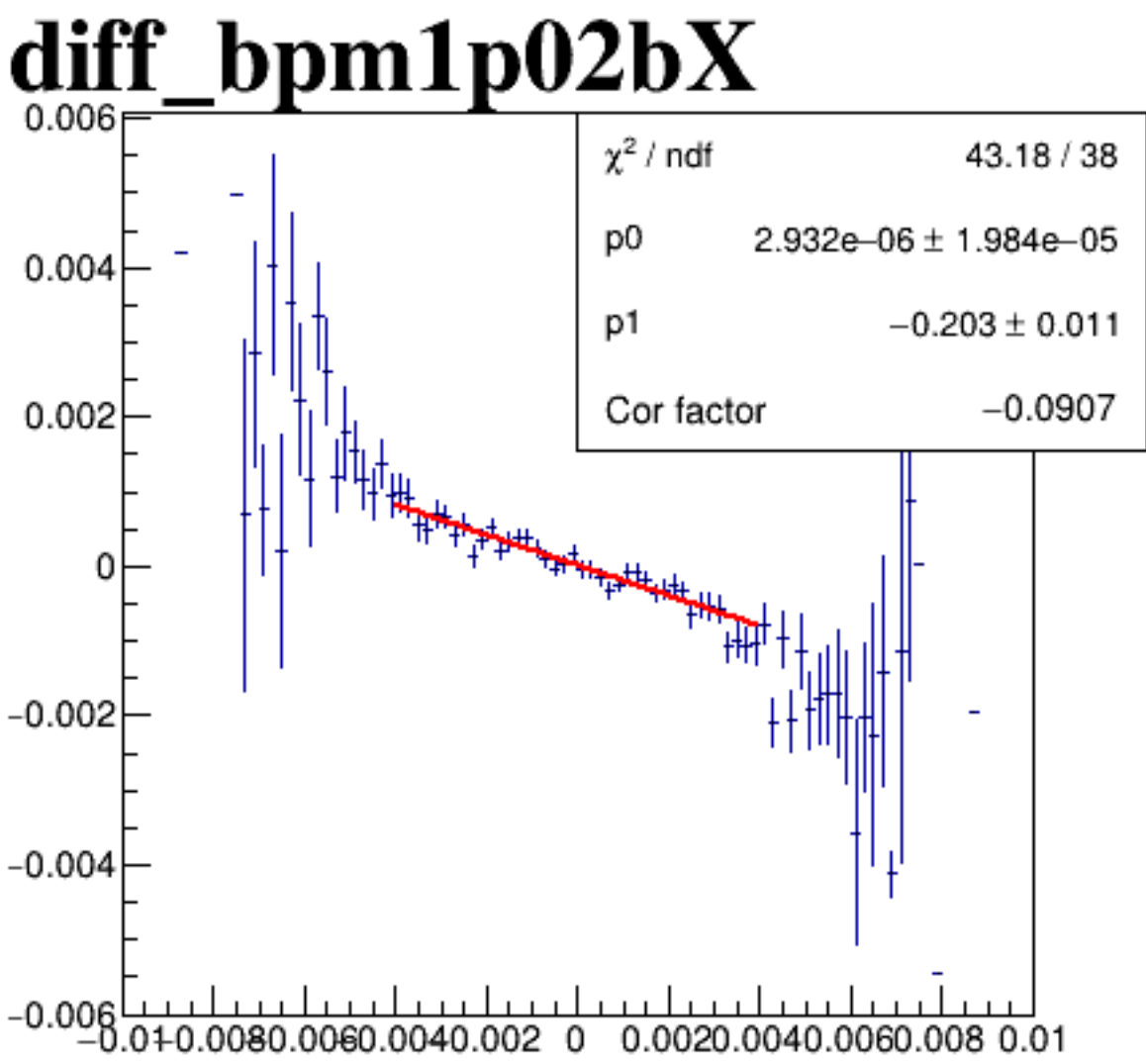
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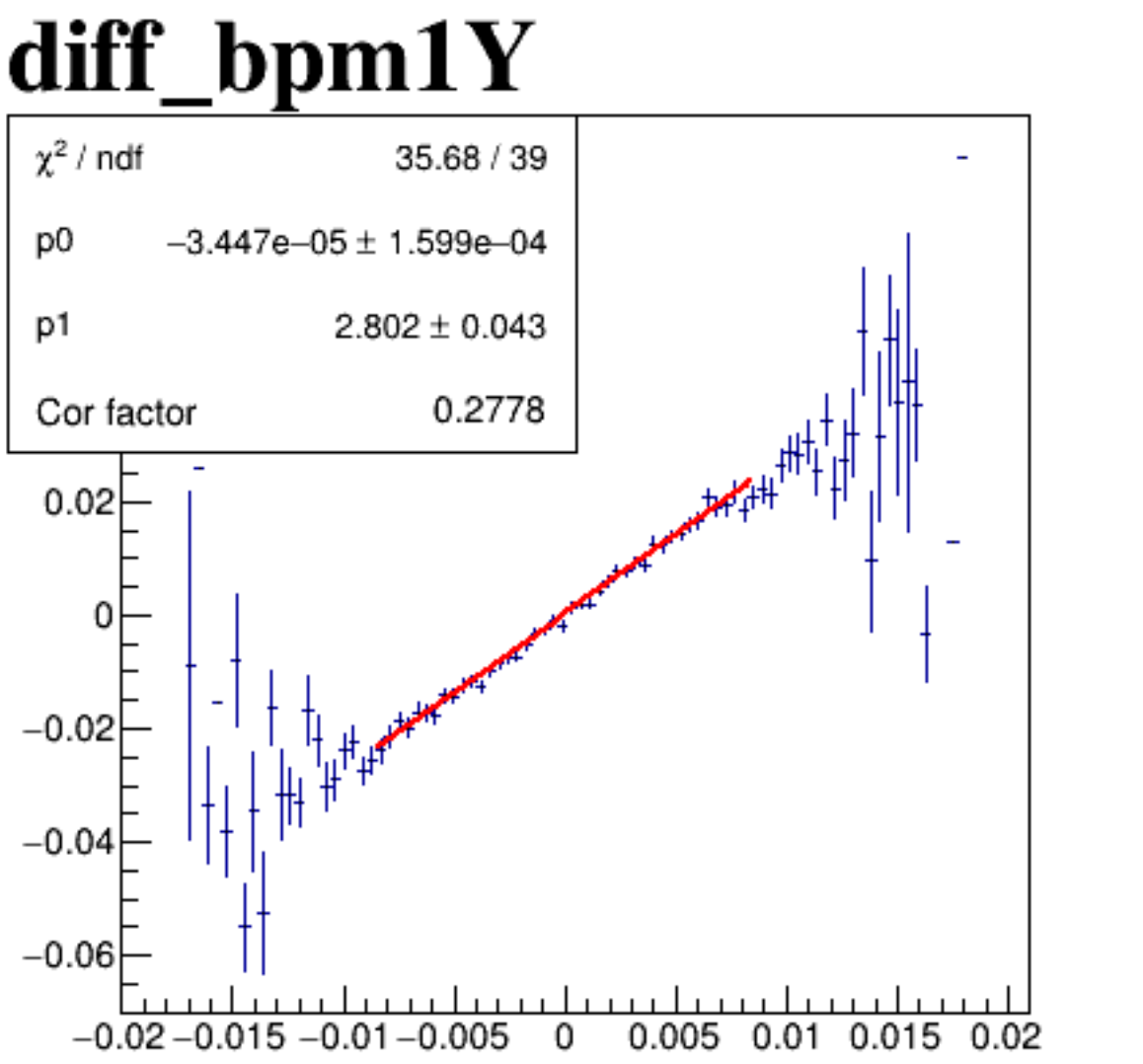
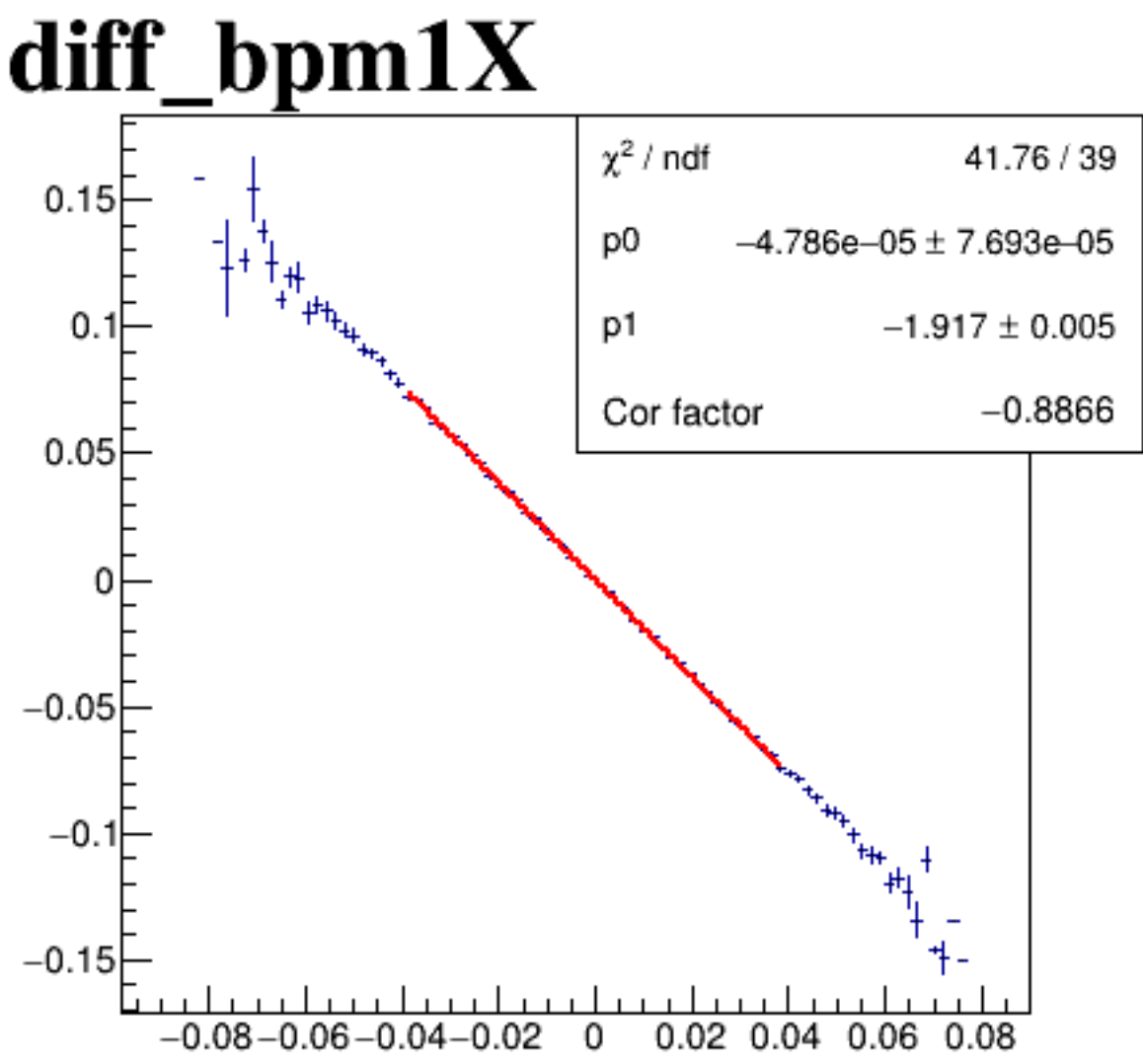
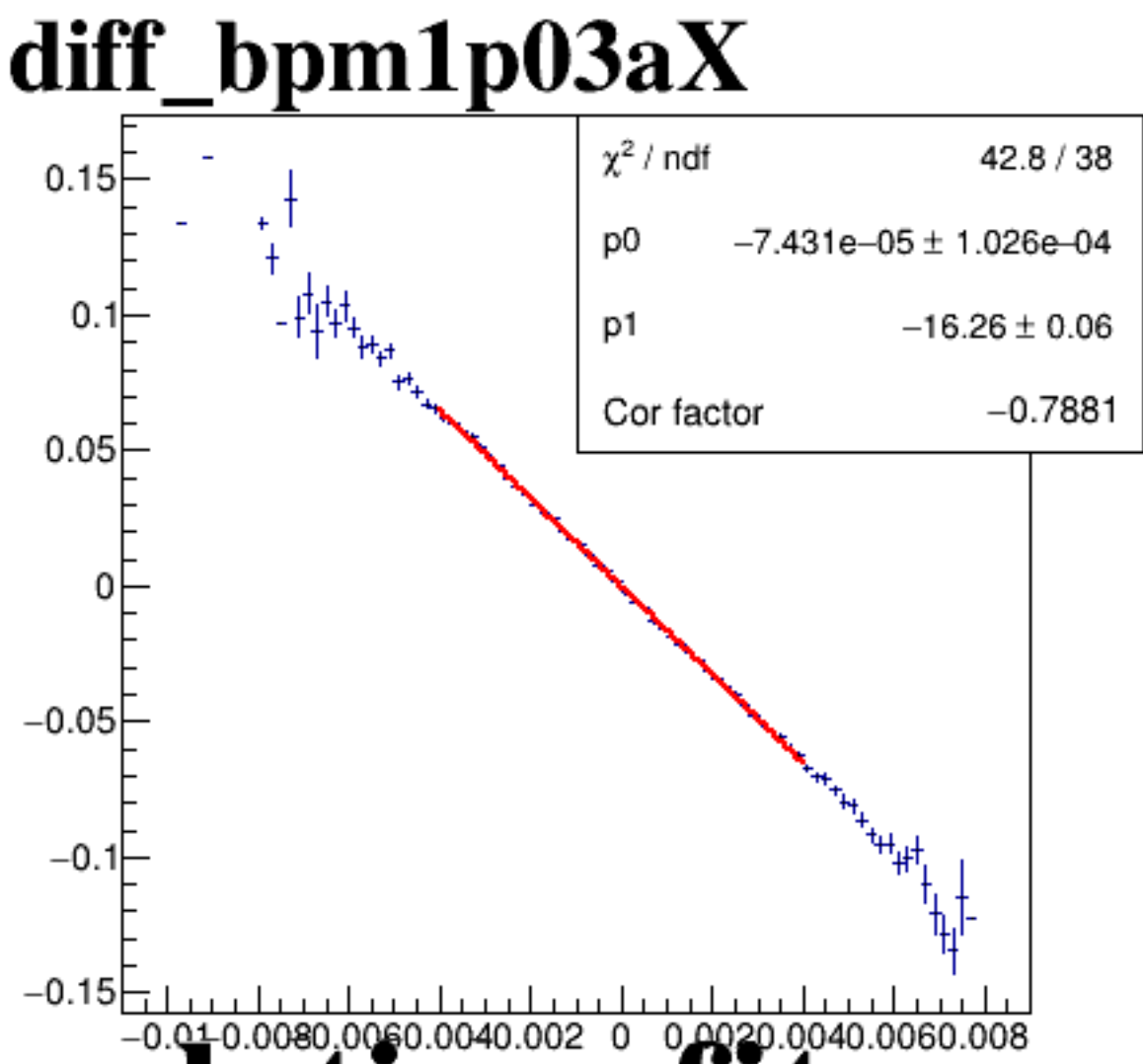
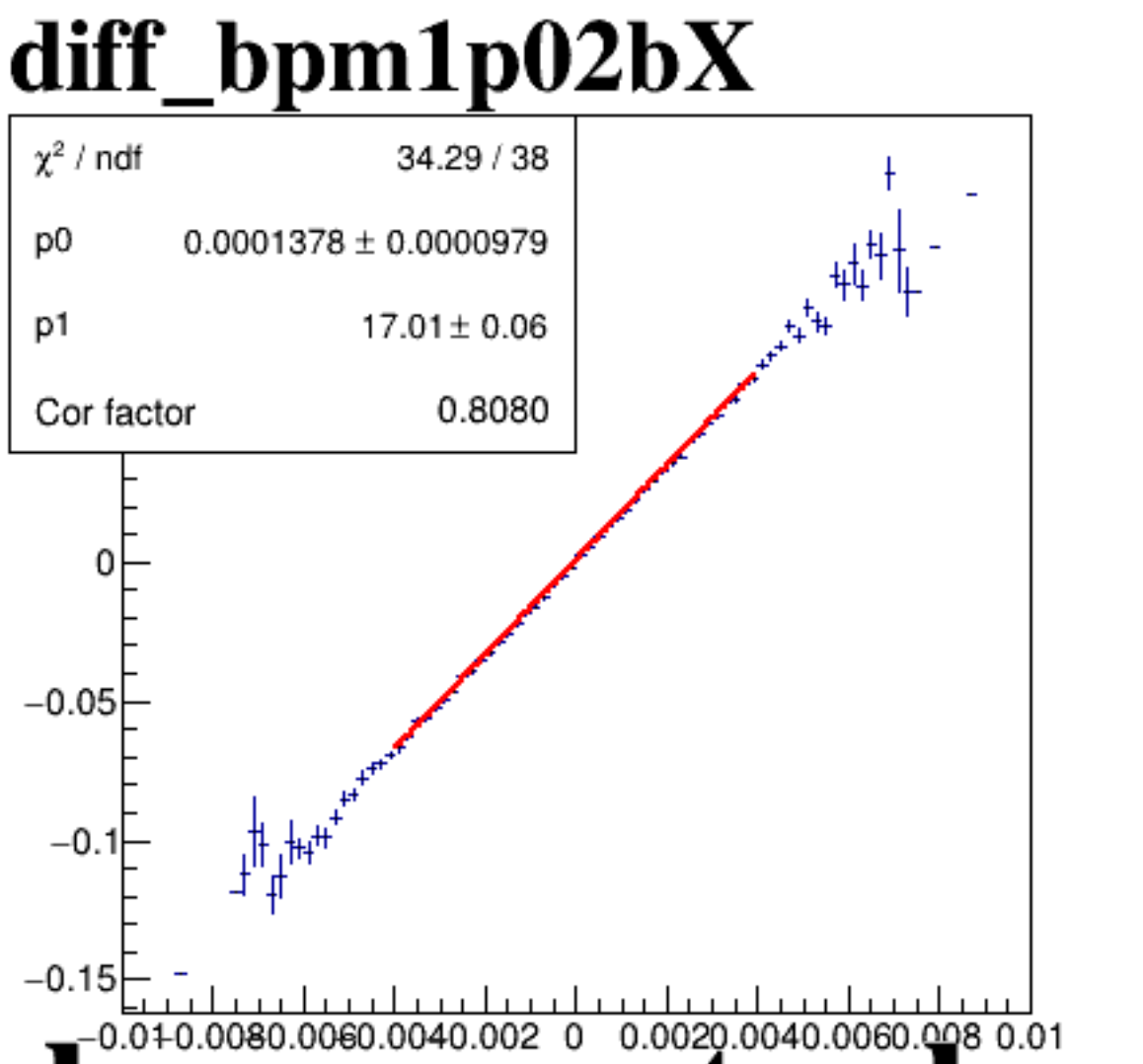
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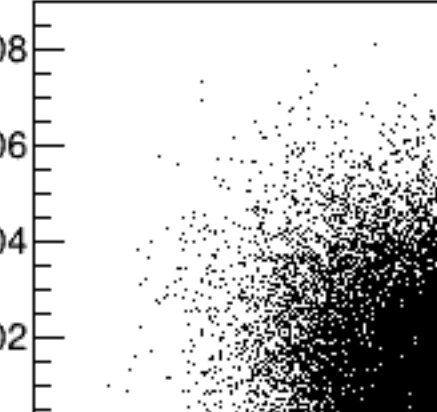
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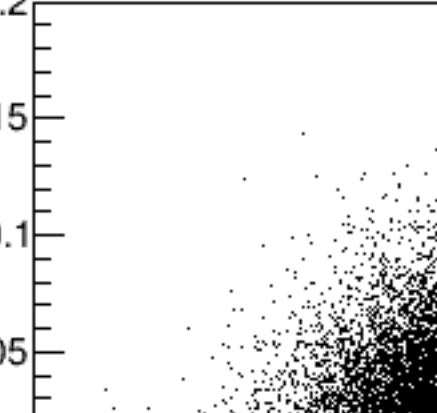
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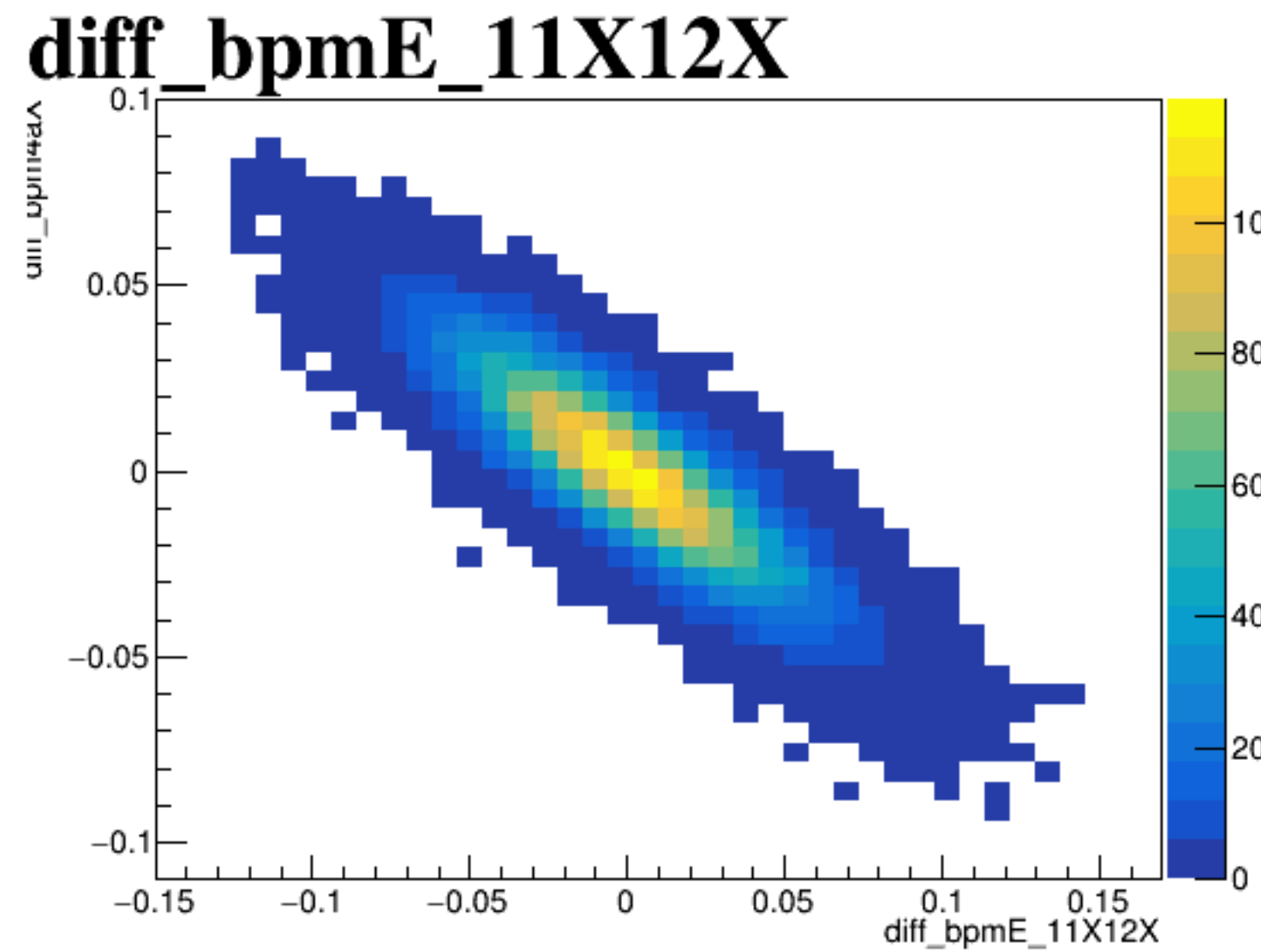
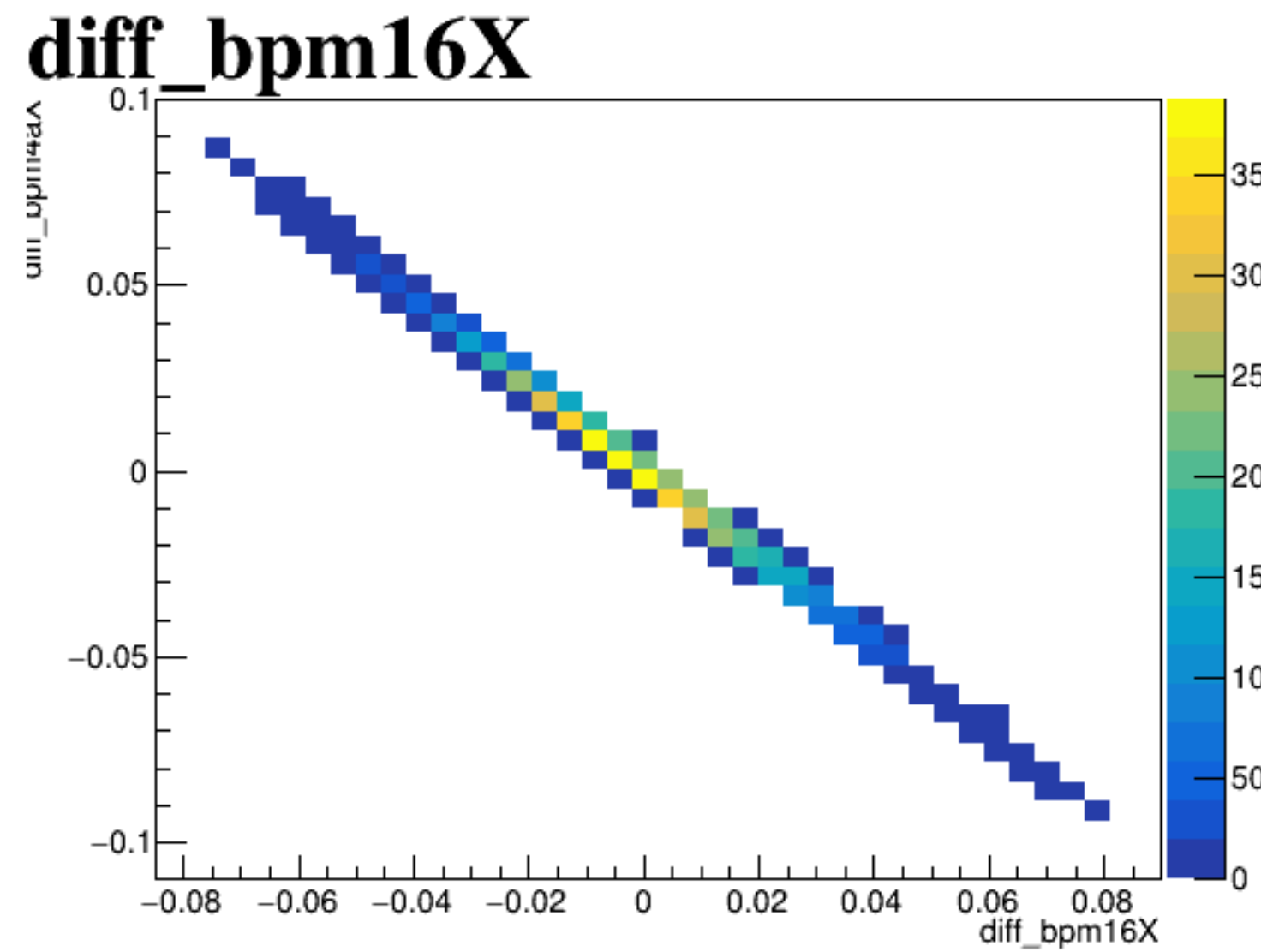
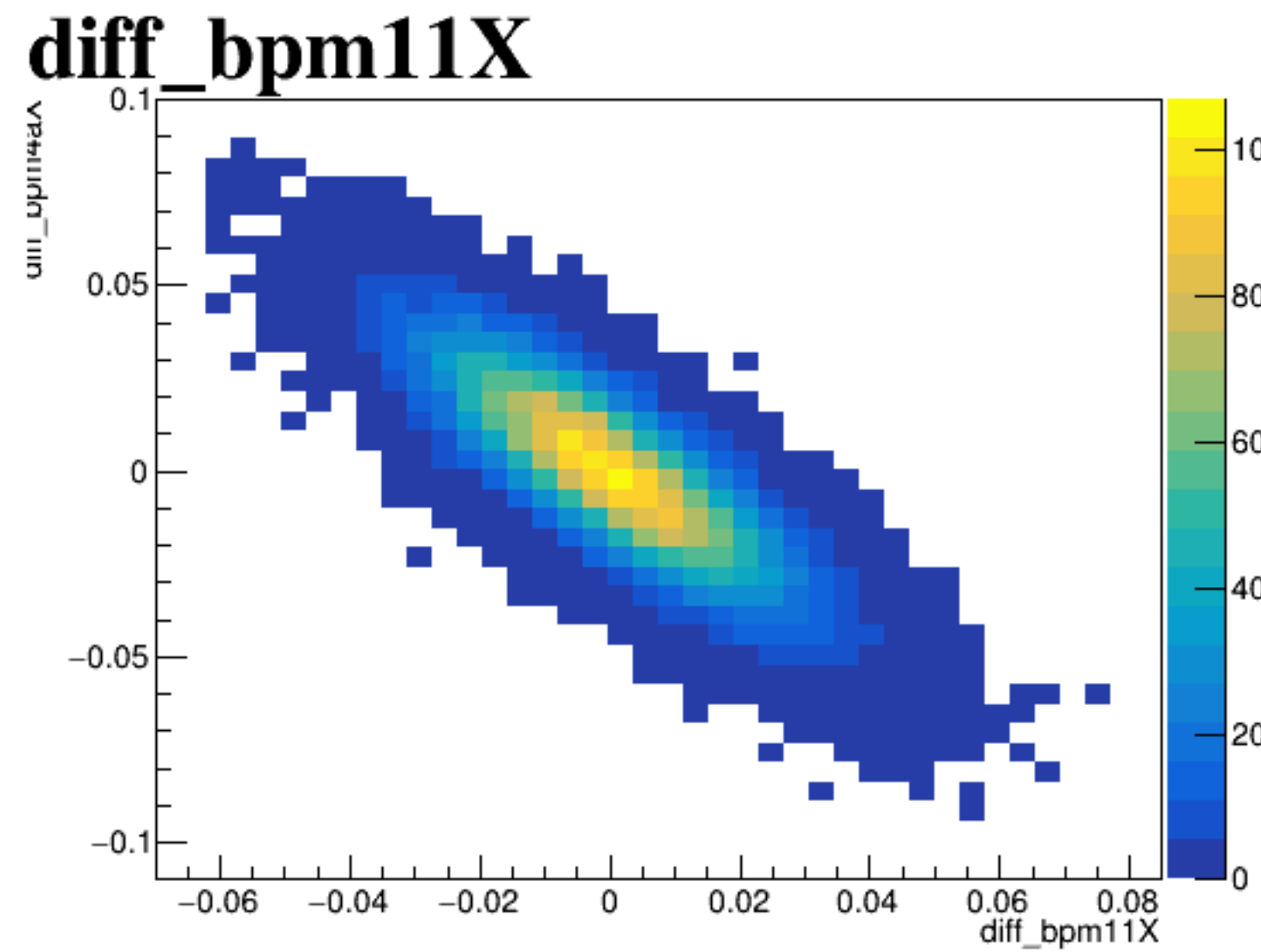
A scatter plot titled "diff_bpm1p02bX". The x-axis is labeled "diff_bpm1p02bX" and ranges from -0.01 to 0.01 with major ticks every 0.002. The y-axis ranges from -0.02 to 0.02 with major ticks every 0.01. The plot shows a dense, roughly circular cloud of points centered at (0,0), with a higher density of points in the center and a sparse outer ring.



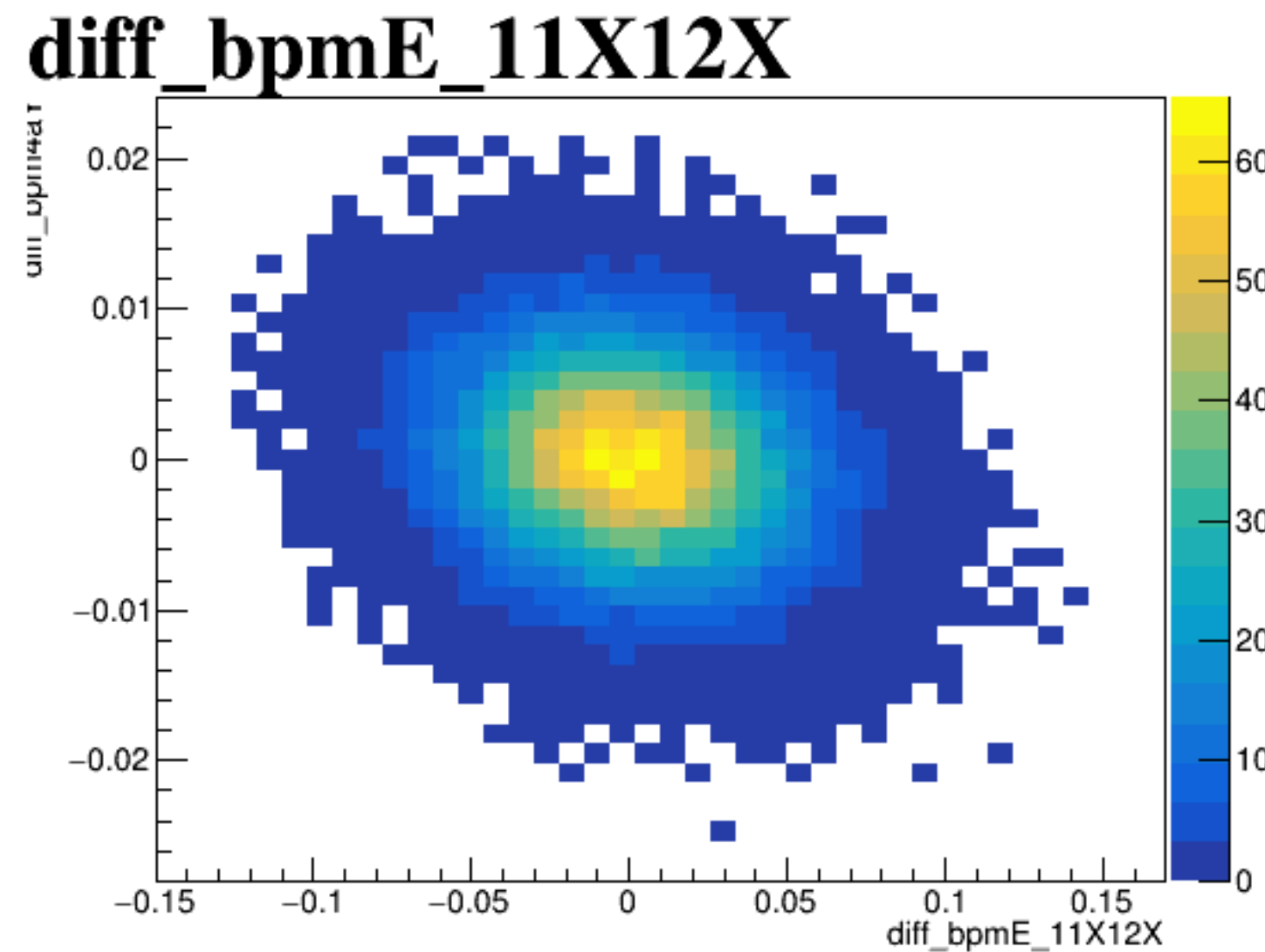
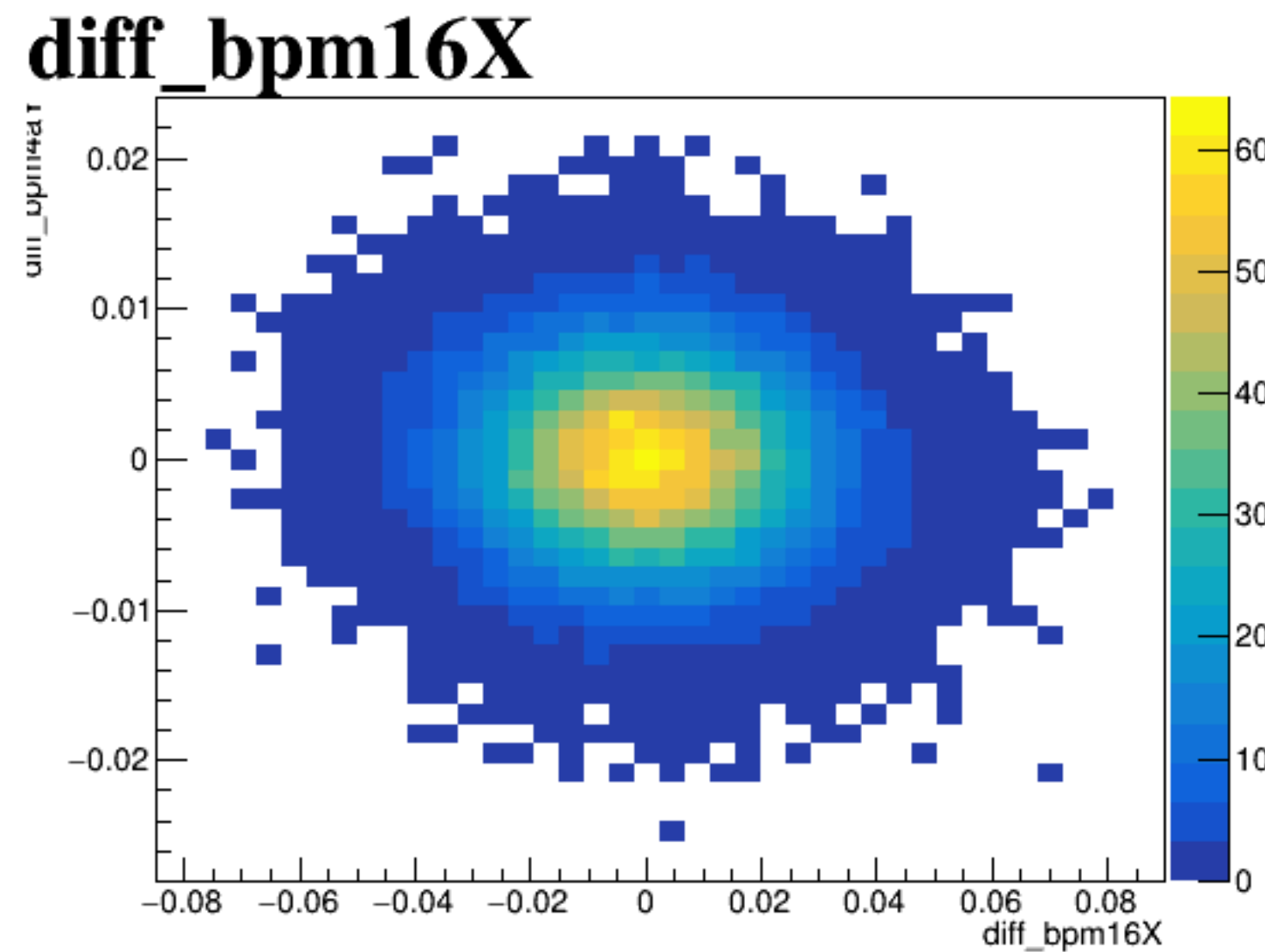
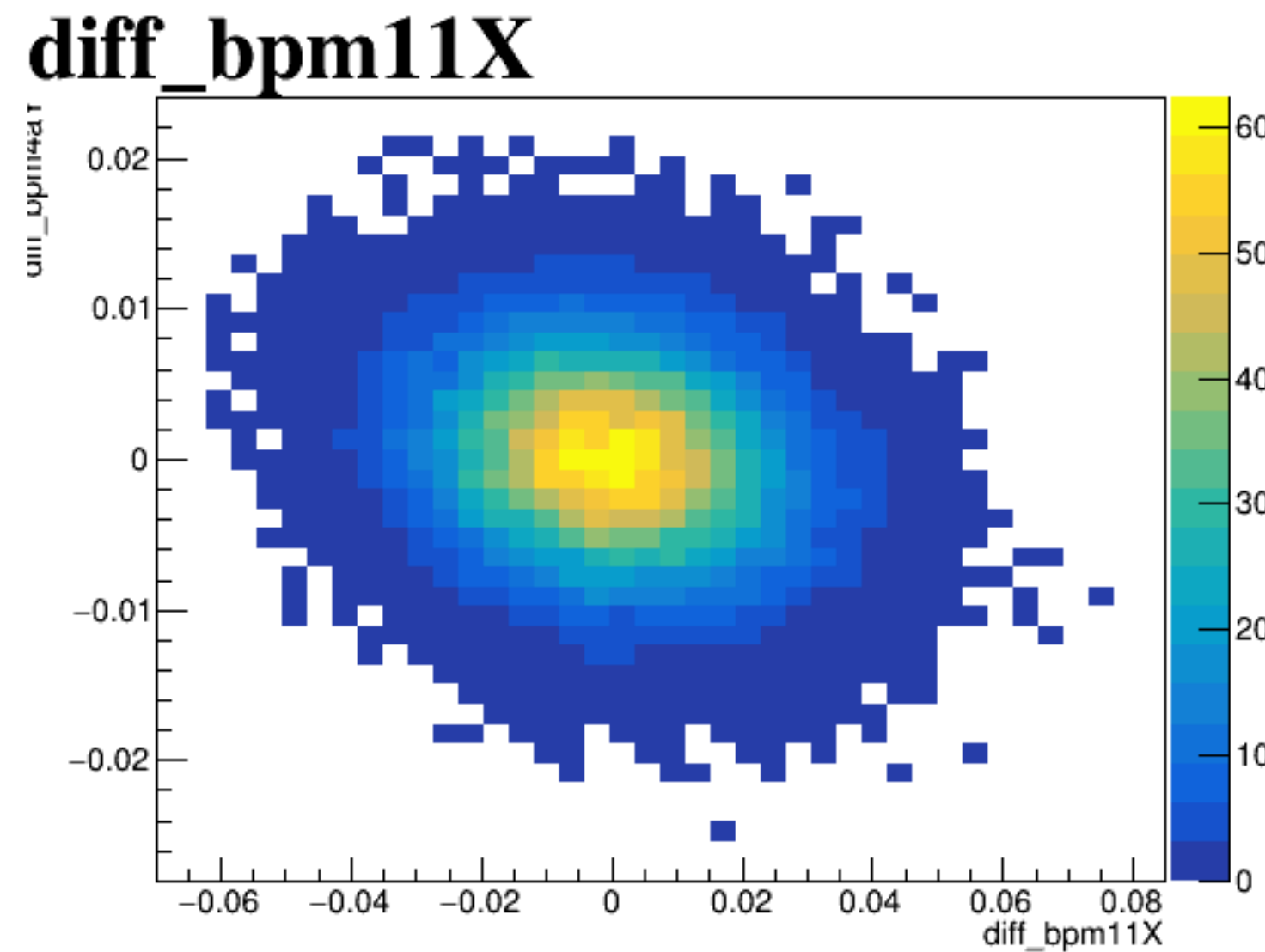
A scatter plot showing the relationship between `diff_bpm1Y` (x-axis) and `diff_bpm1Y` (y-axis). The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation. The axes range from approximately -0.02 to 0.02 on the x-axis and -0.1 to 0.1 on the y-axis.

A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y' on the axes. The x-axis ranges from -0.02 to 0.02 with major ticks every 0.005. The y-axis ranges from -0.15 to 0.2 with major ticks every 0.05. The plot contains a dense cloud of points centered around (0, 0), with a slight negative correlation visible.

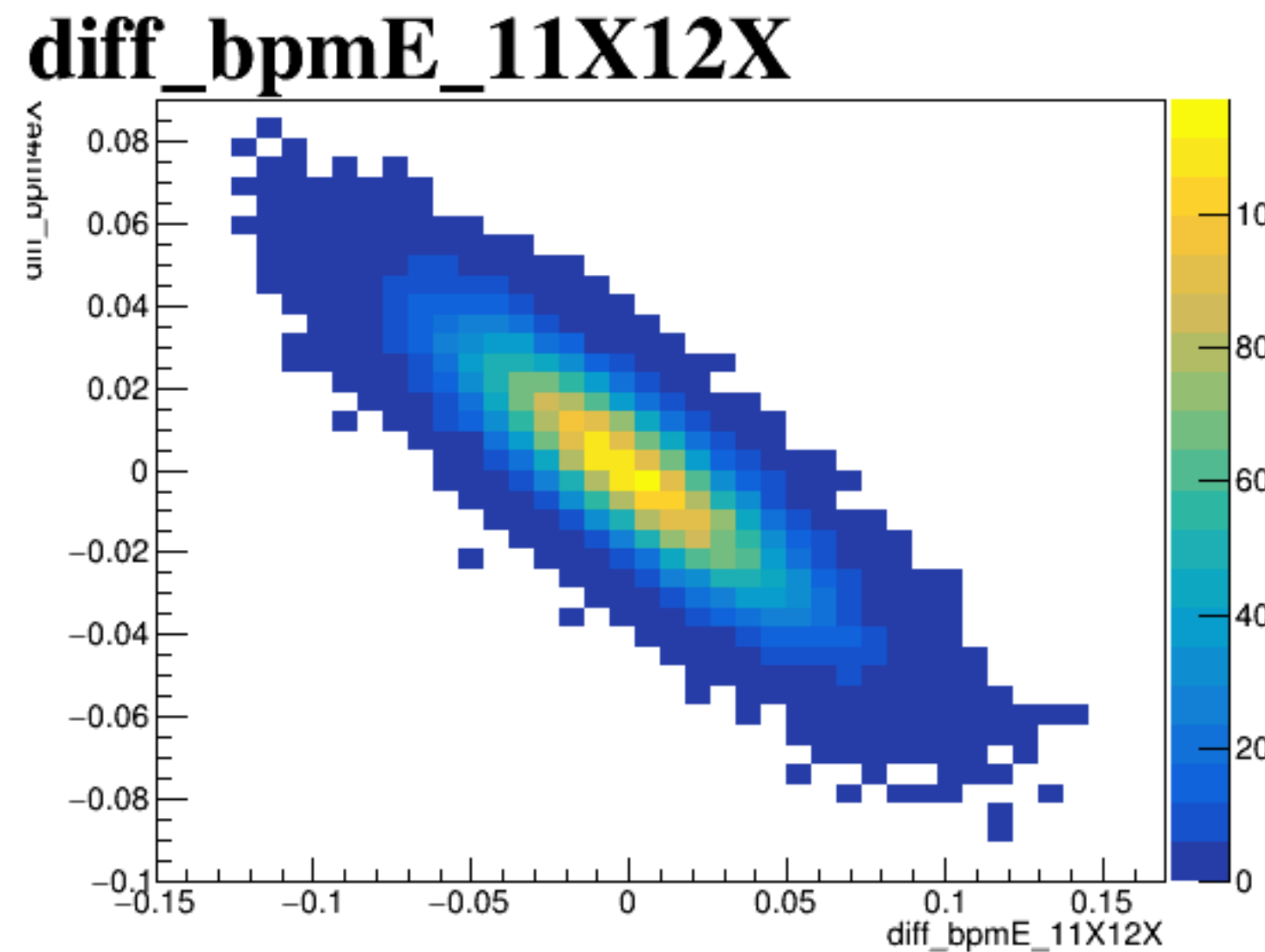
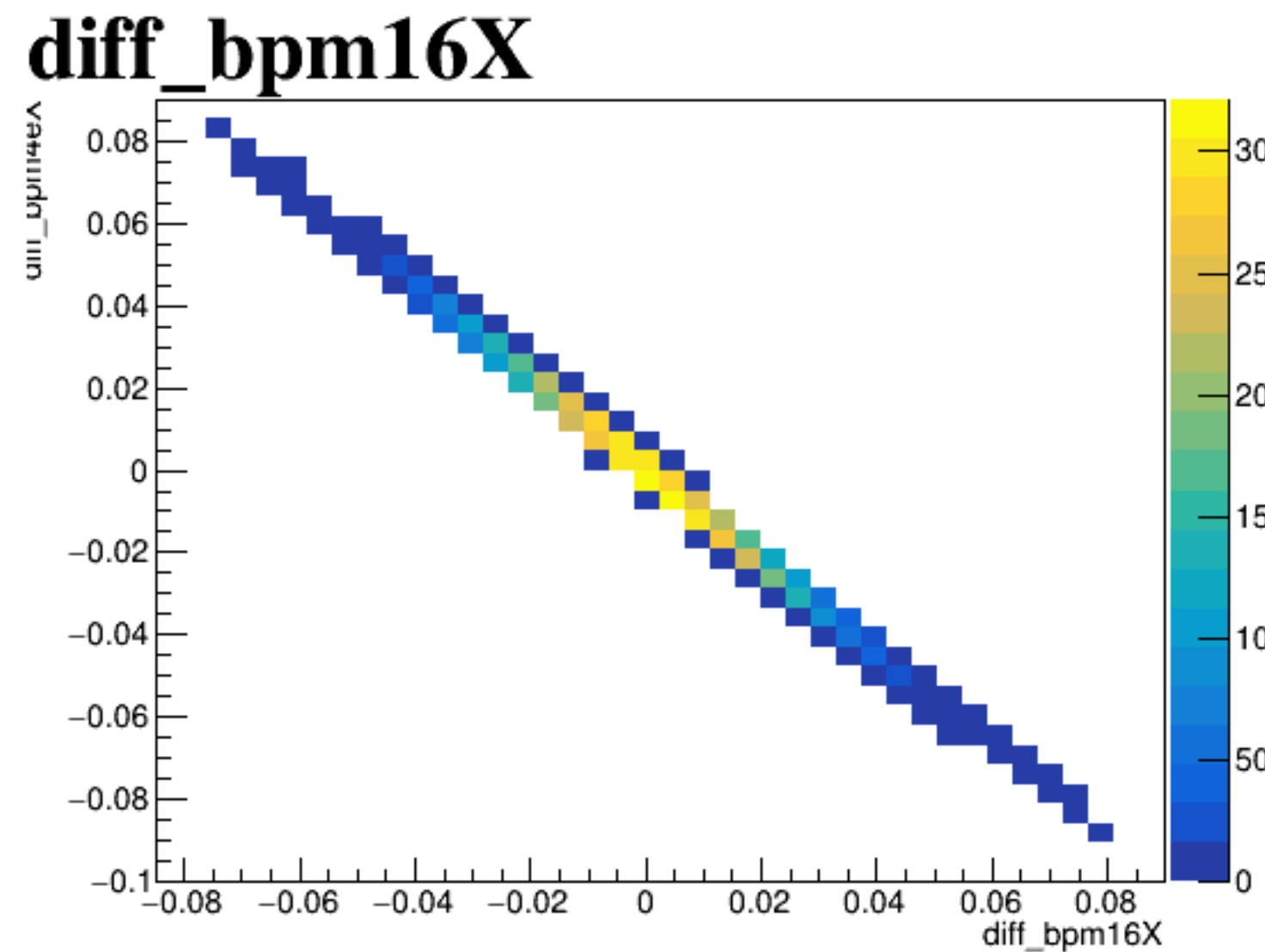
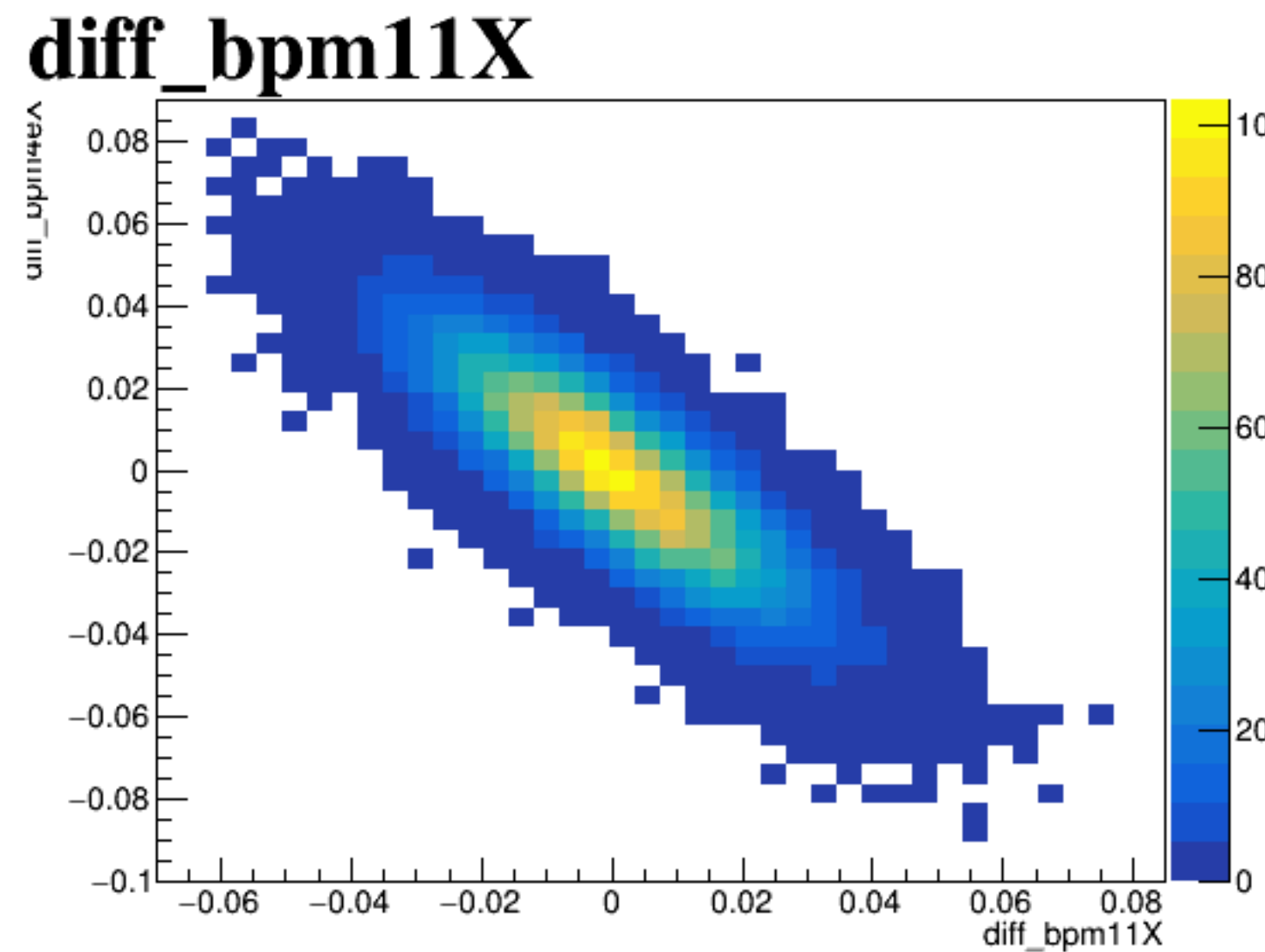
diff_bpm4aX



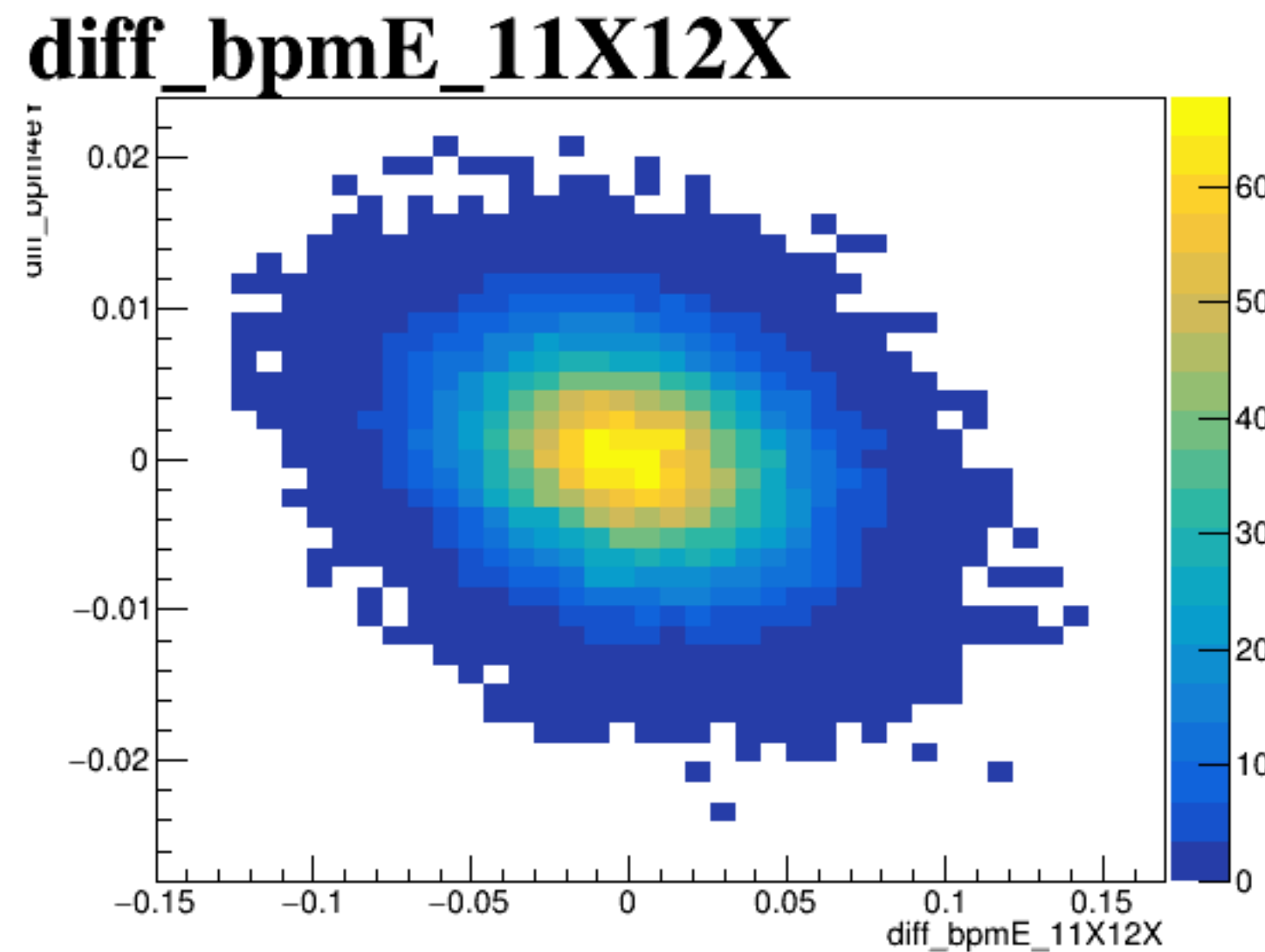
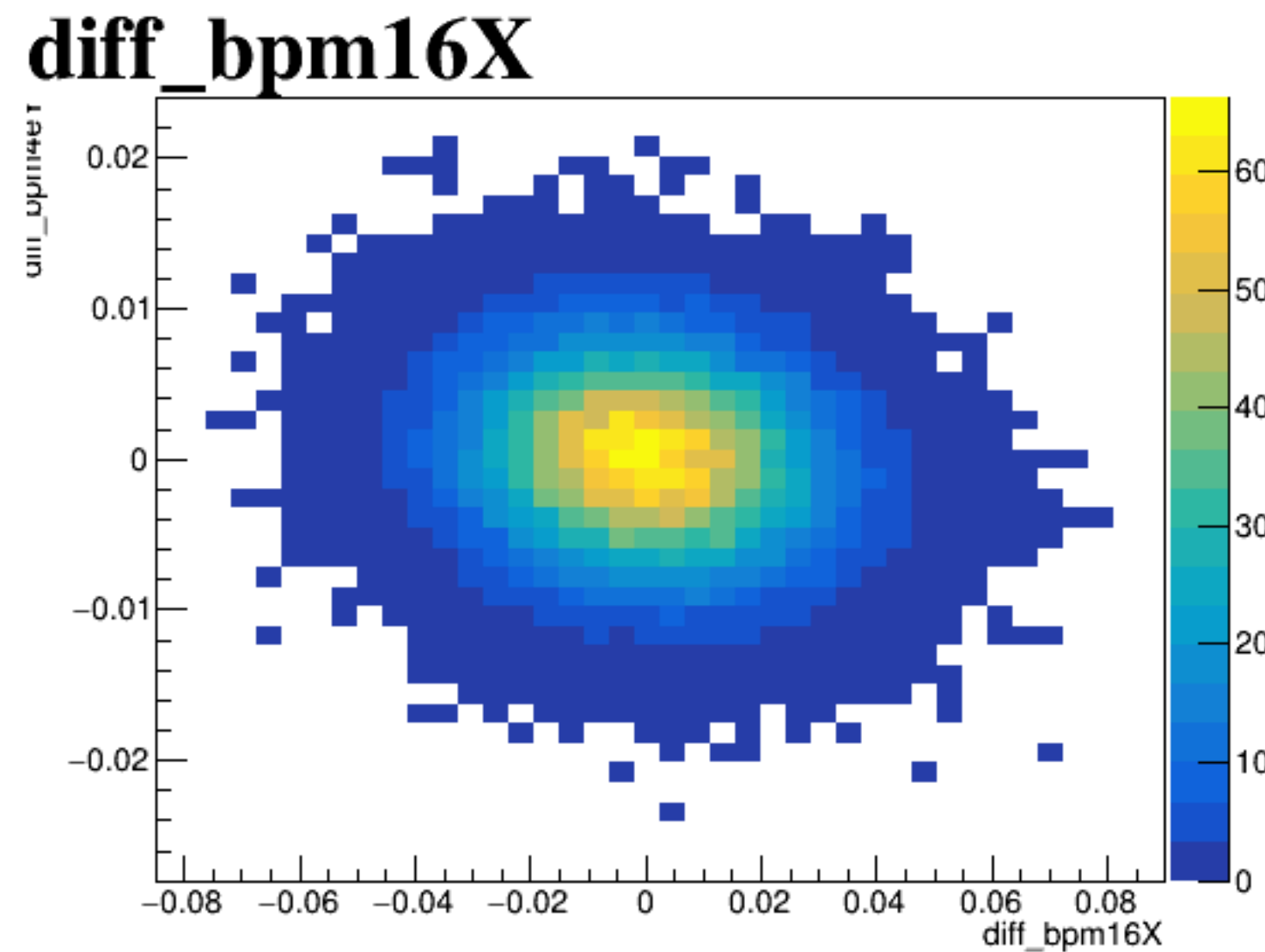
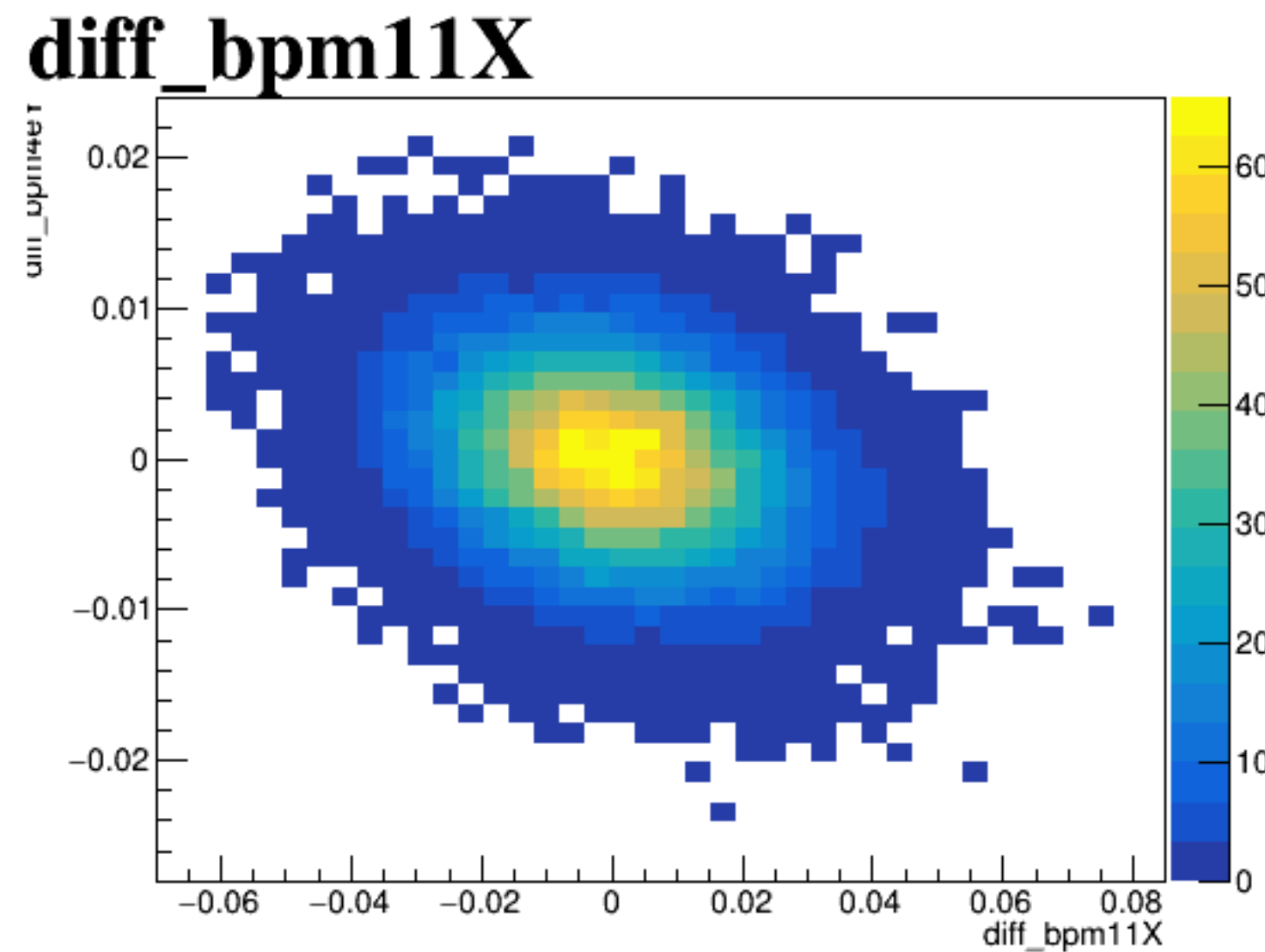
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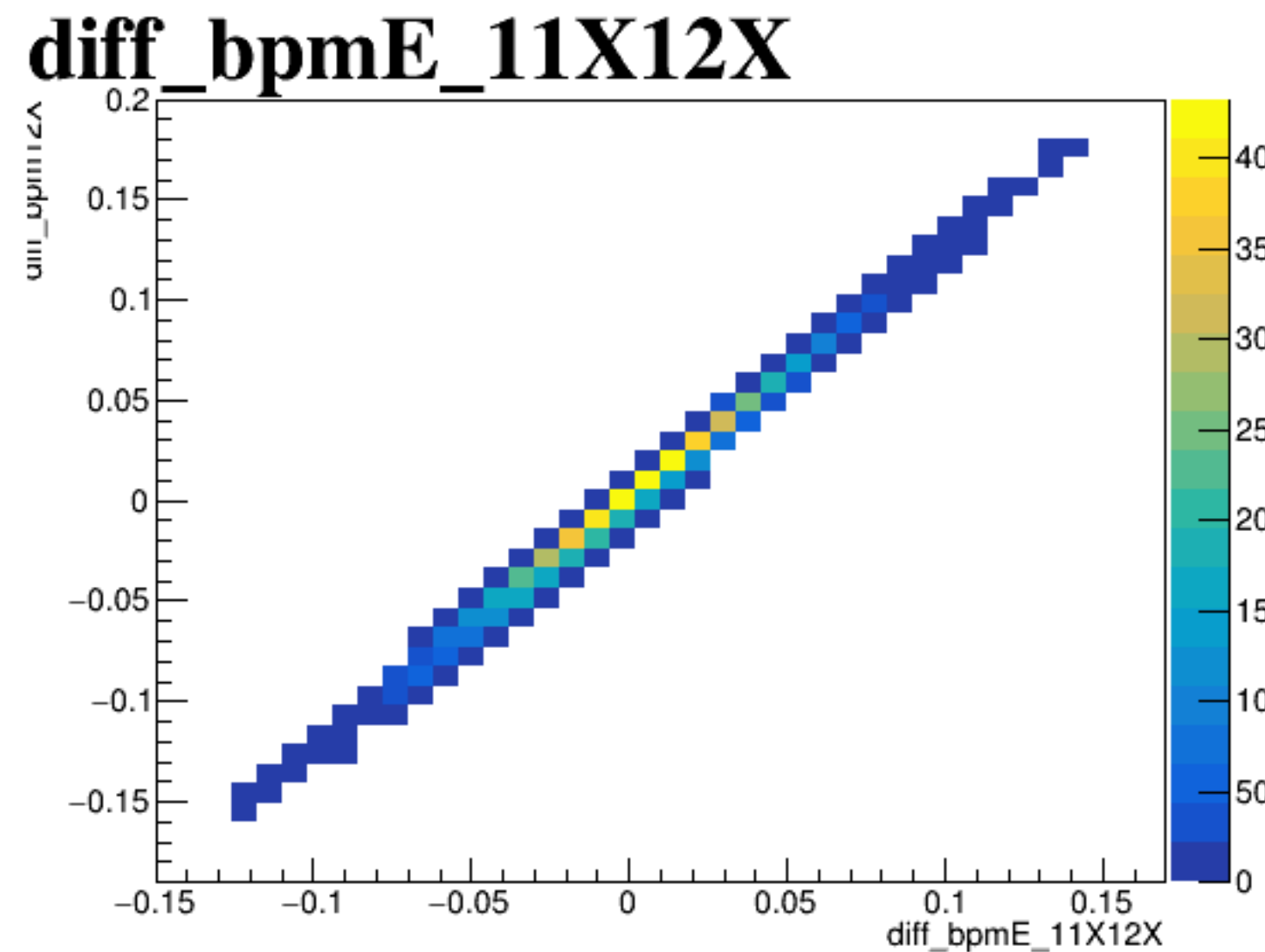
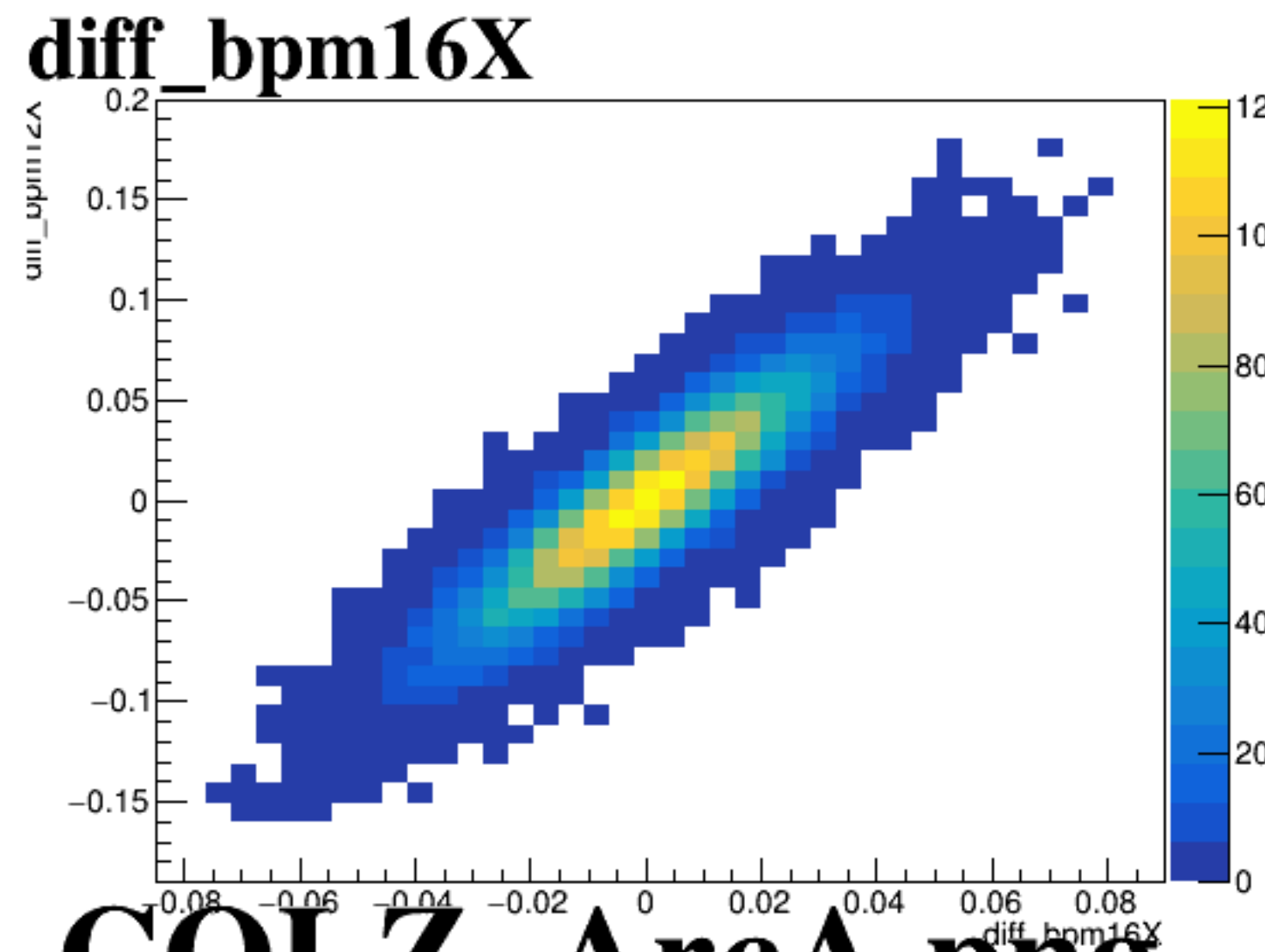
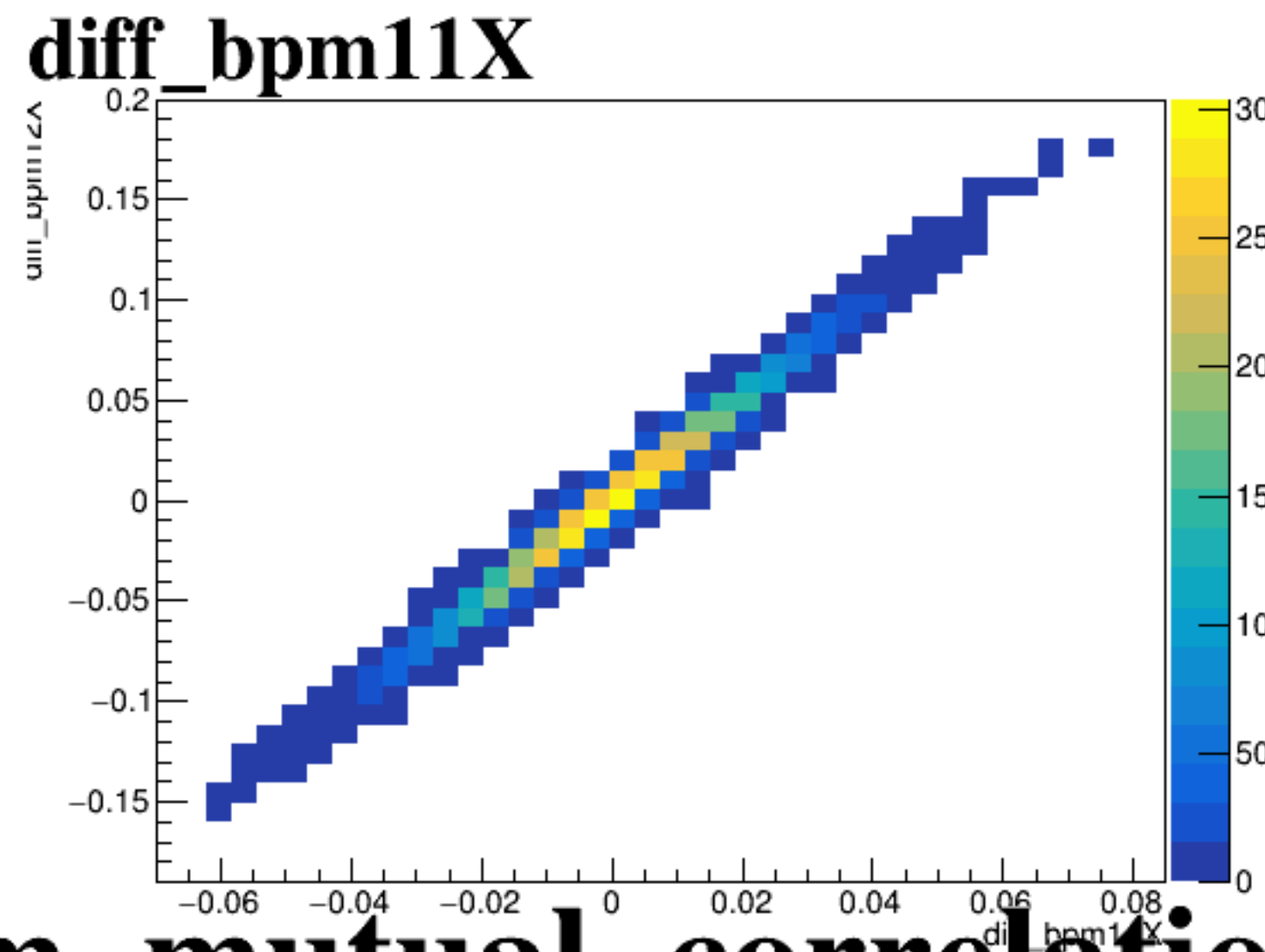
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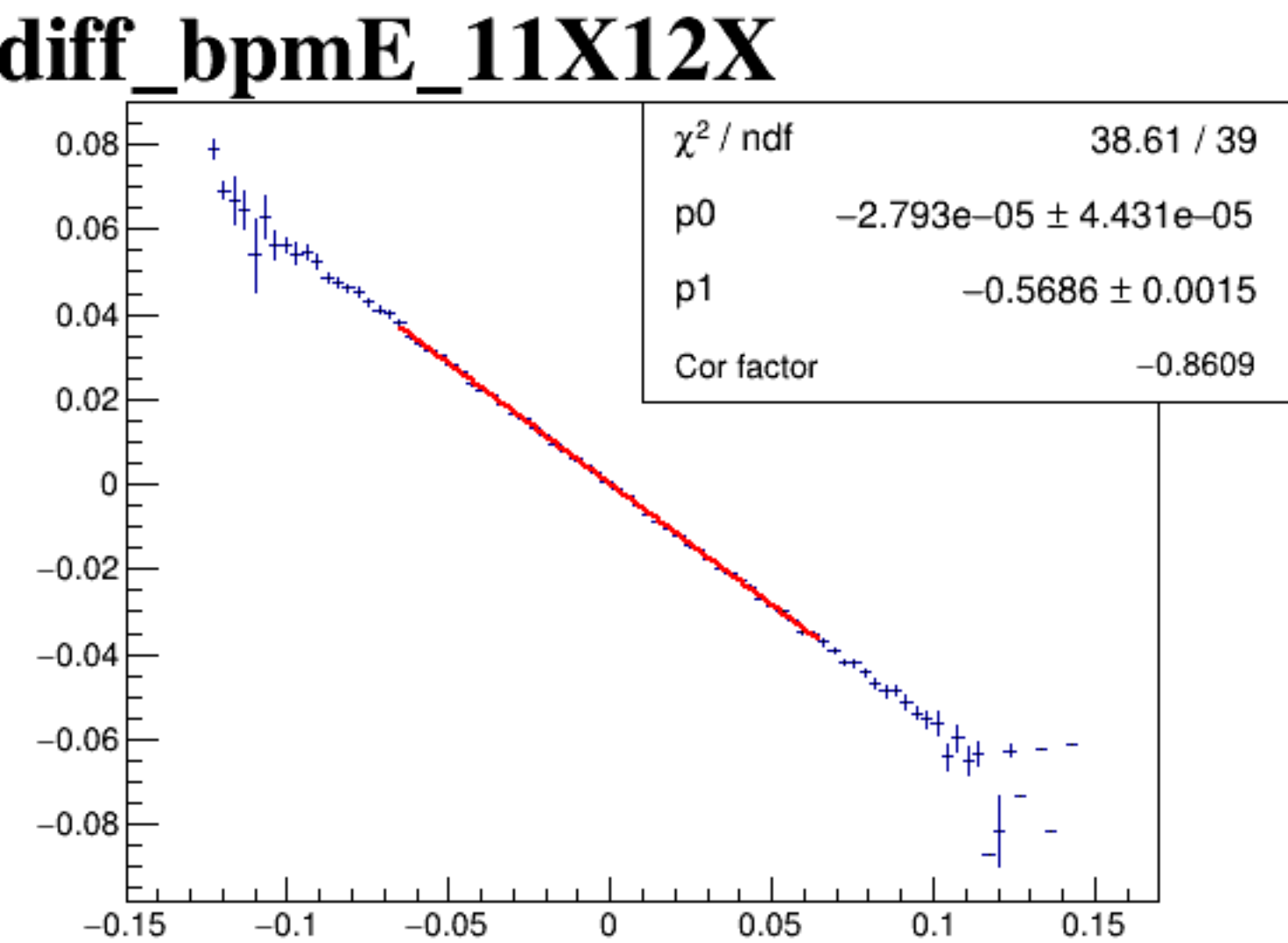
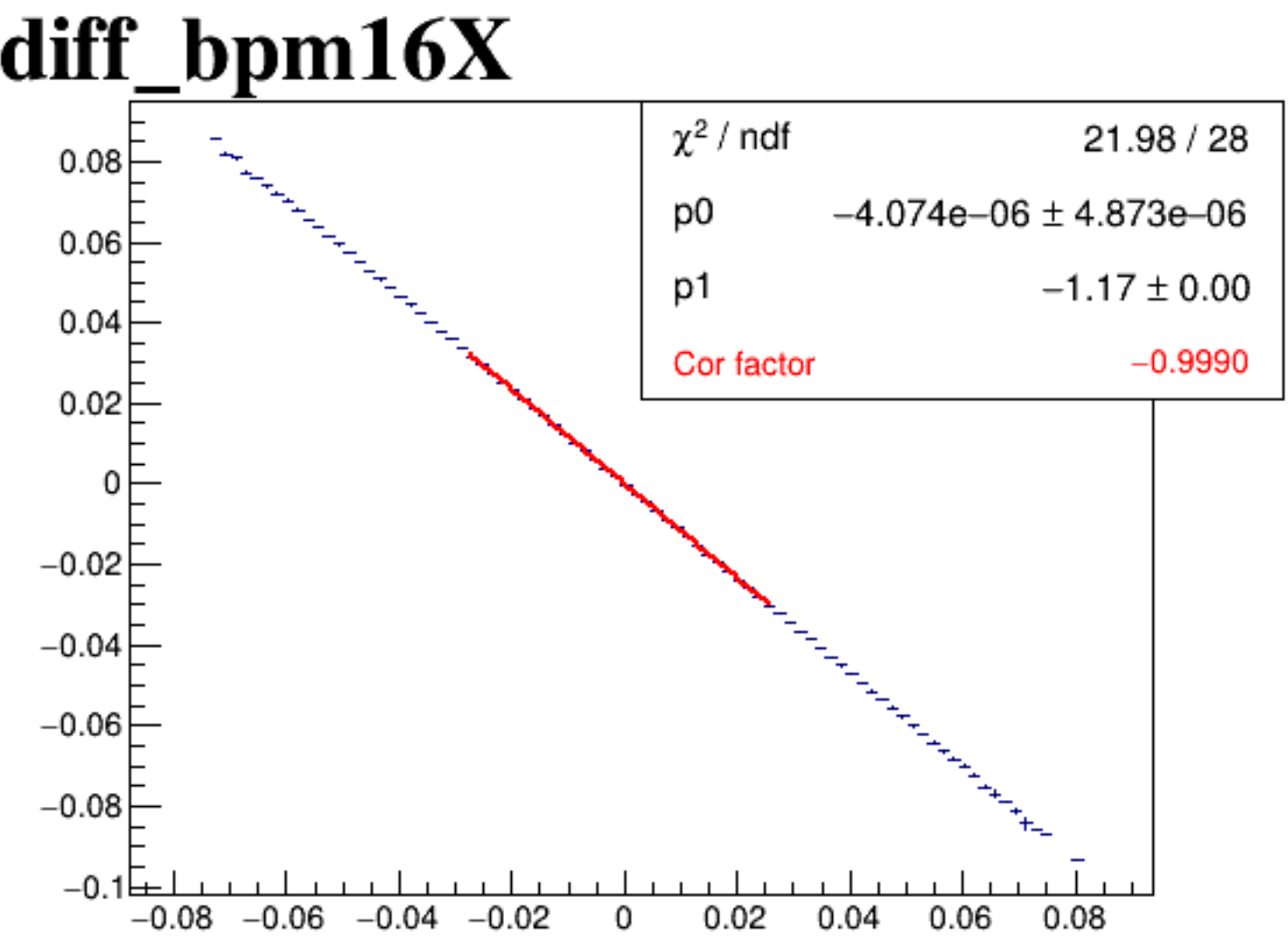
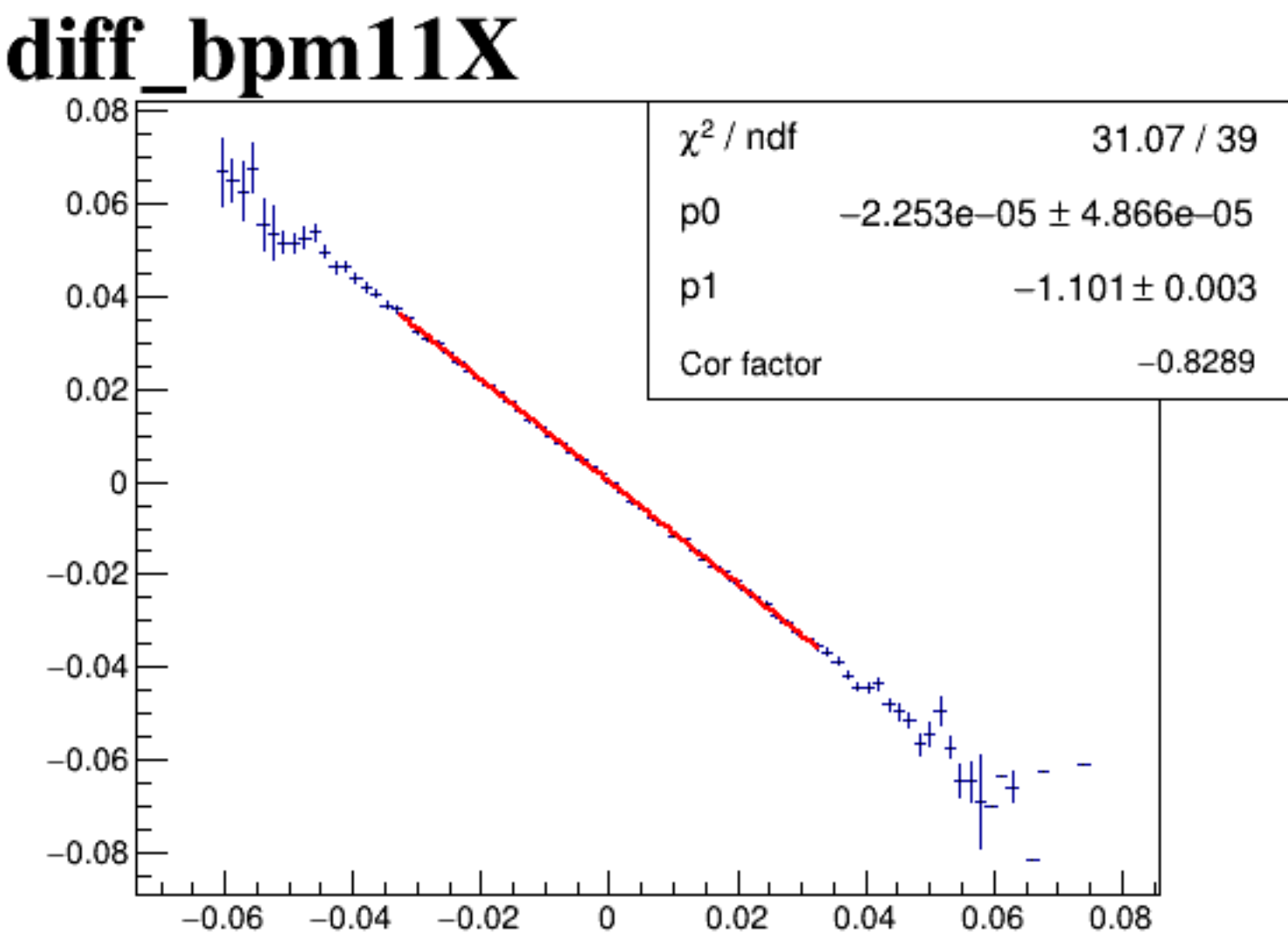
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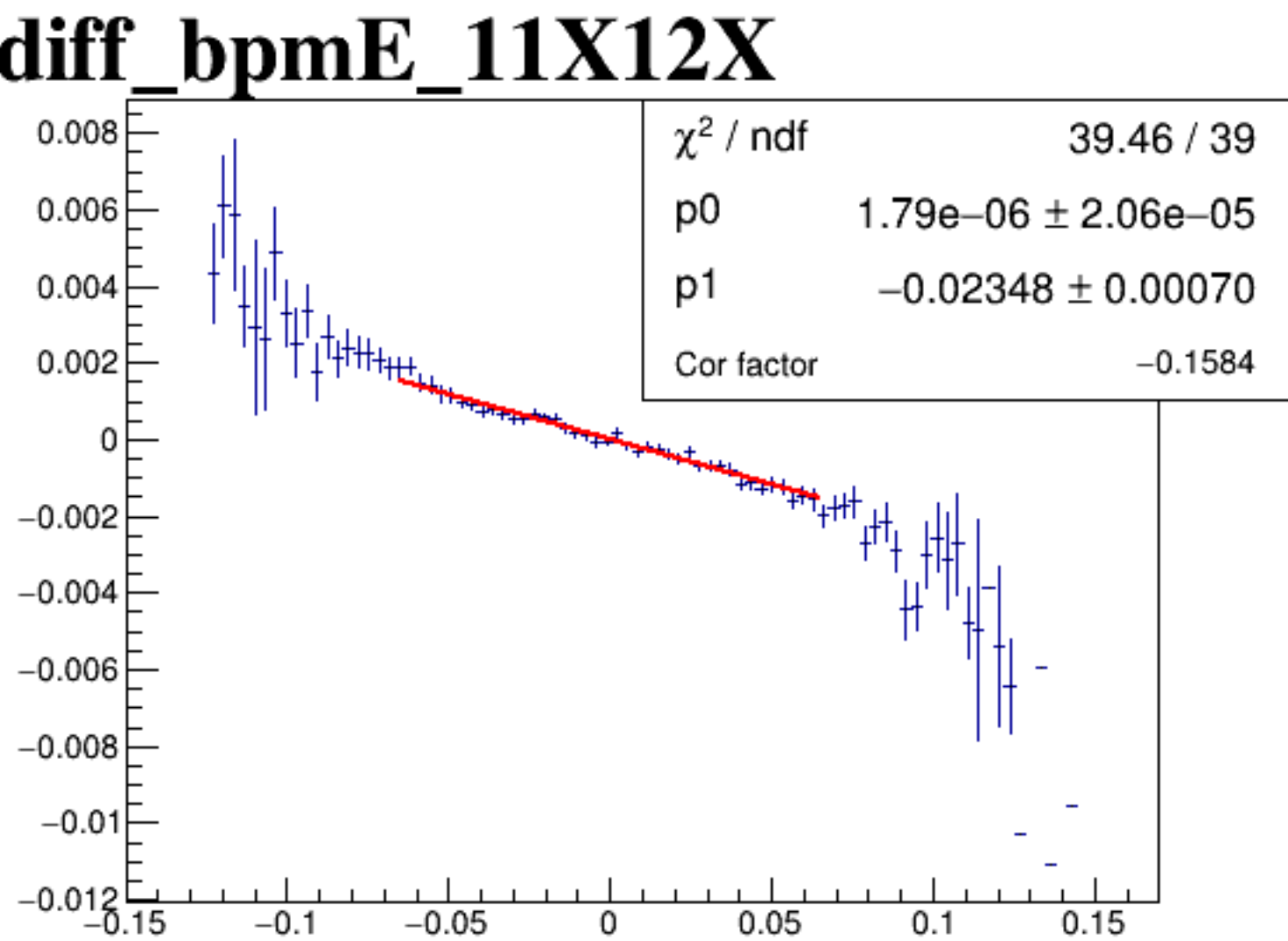
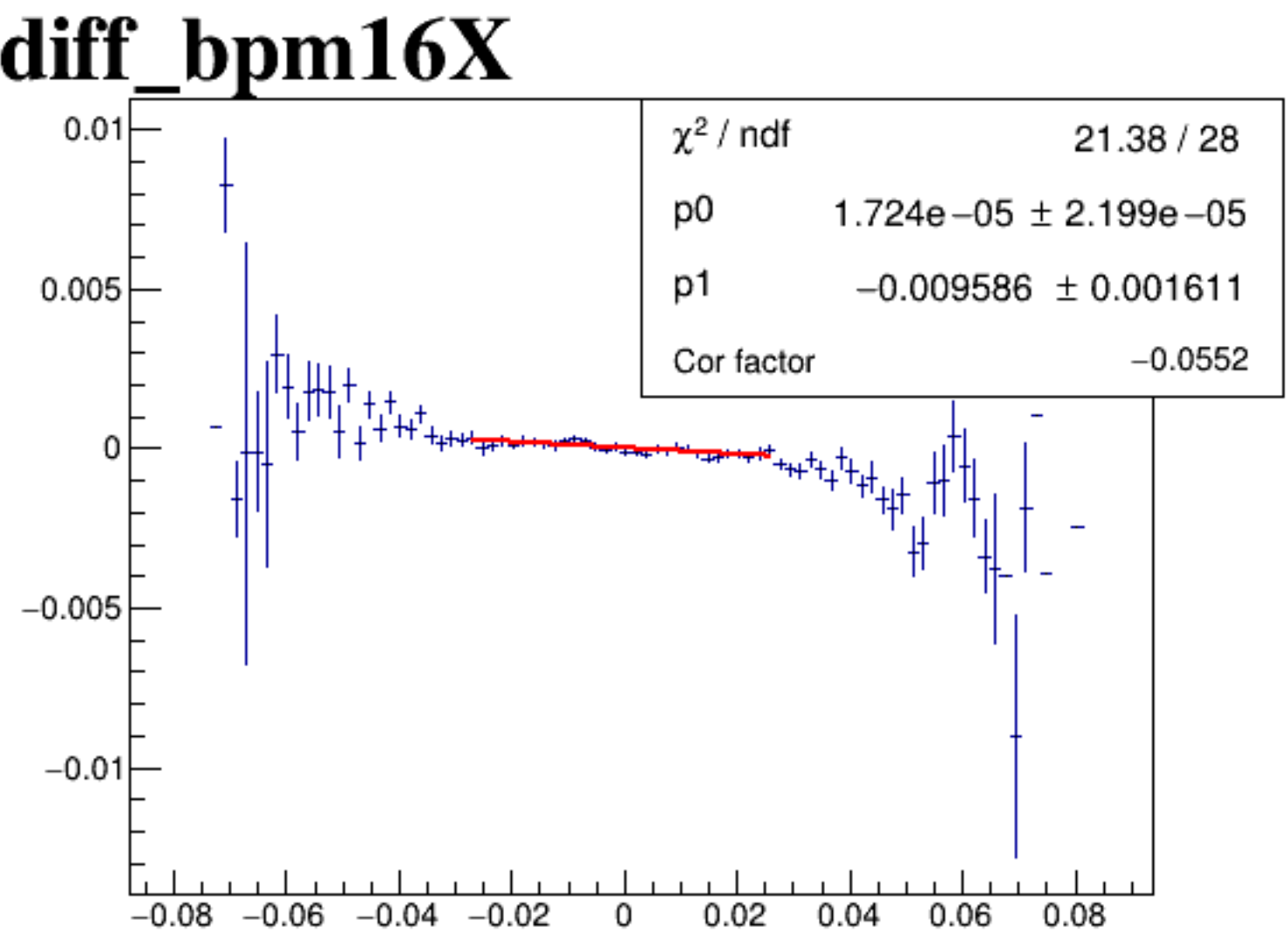
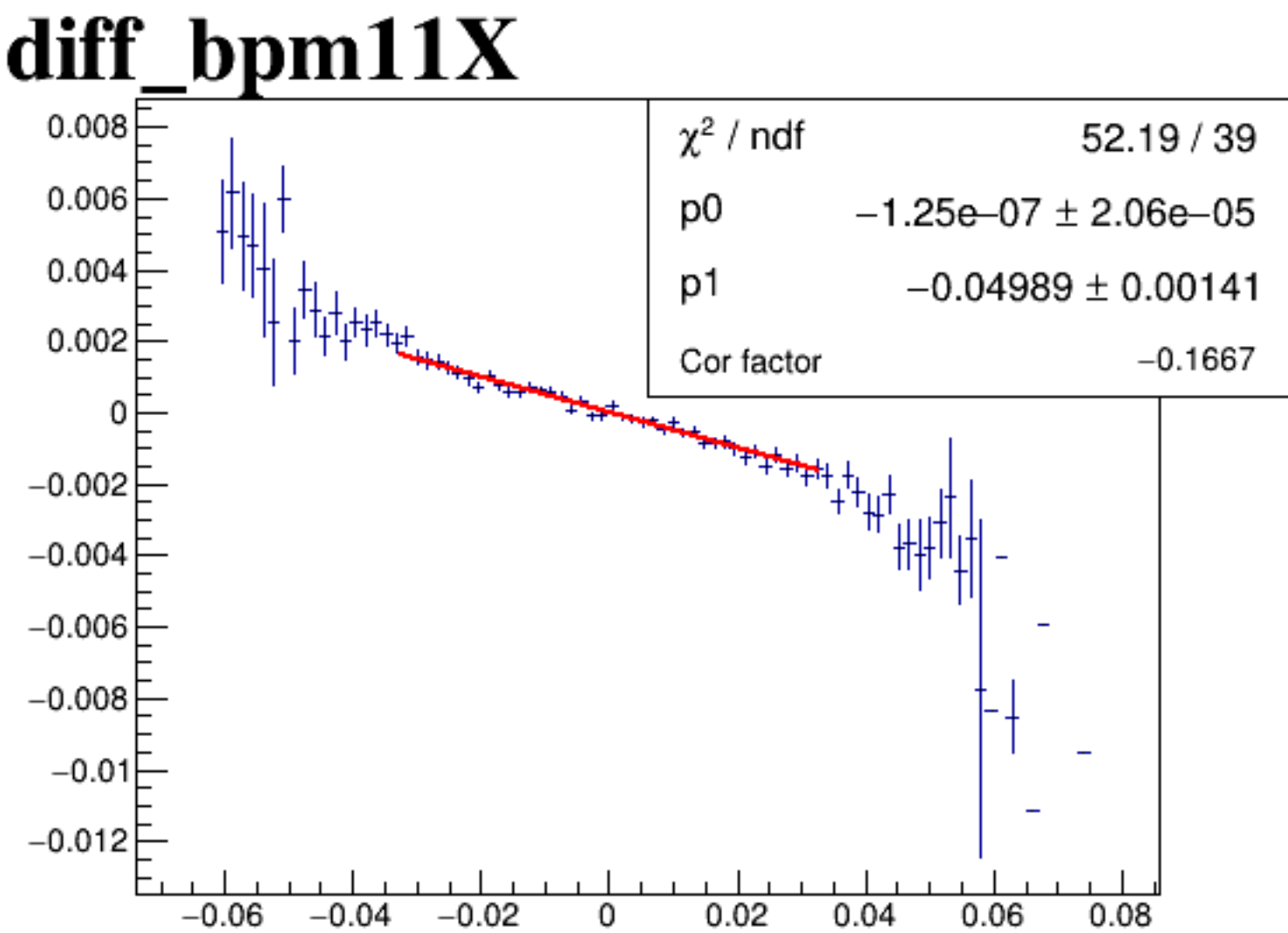
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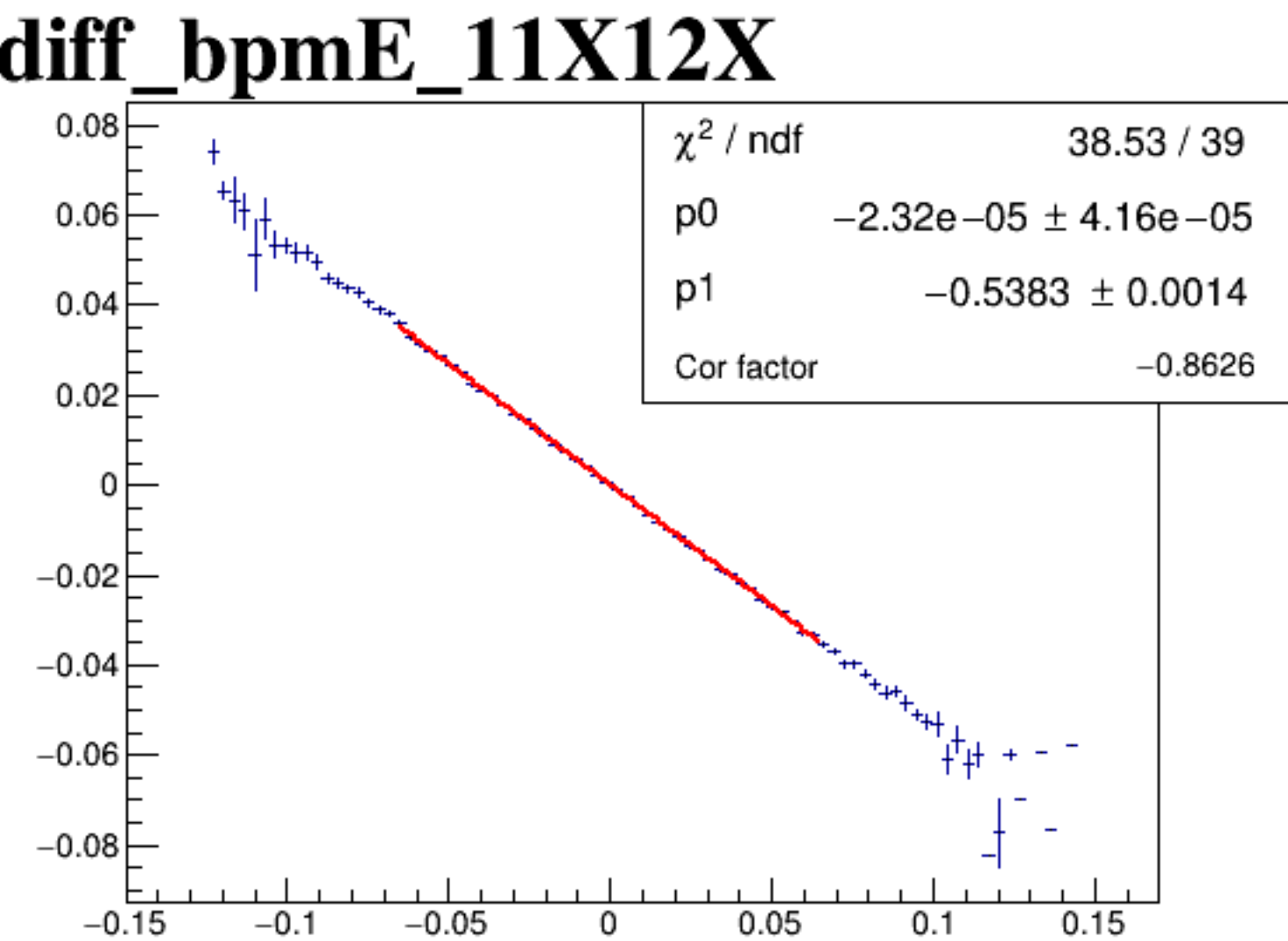
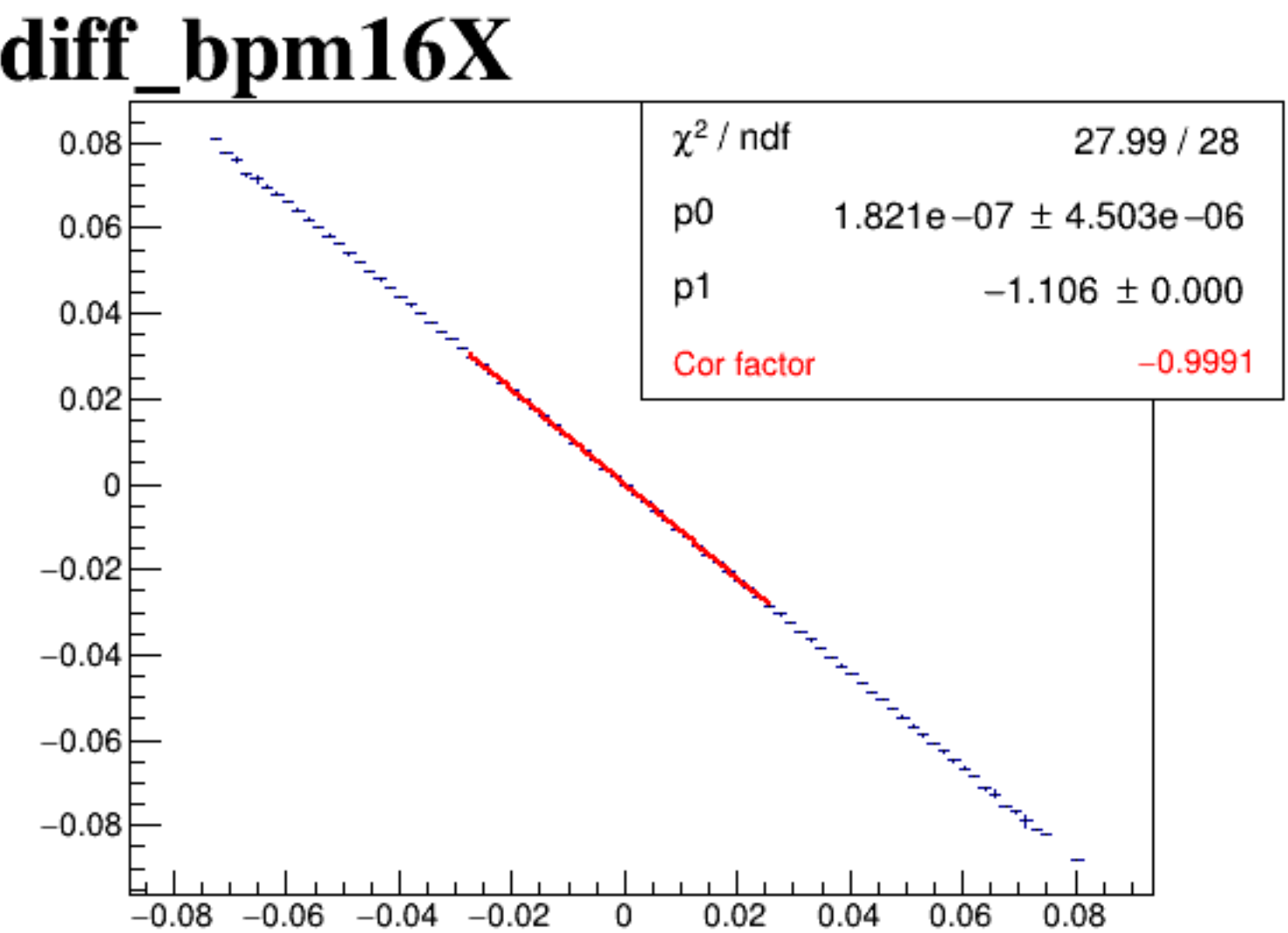
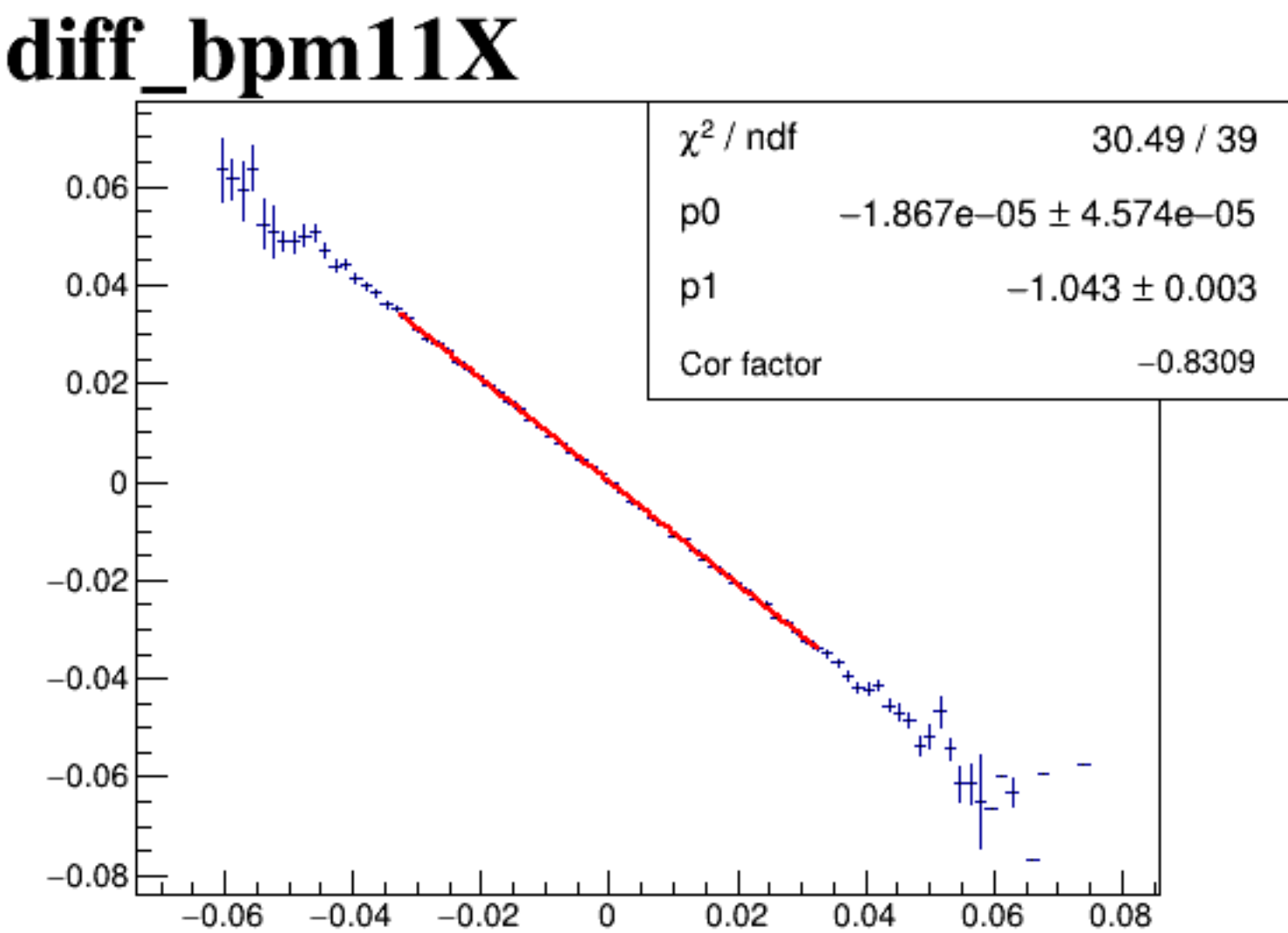
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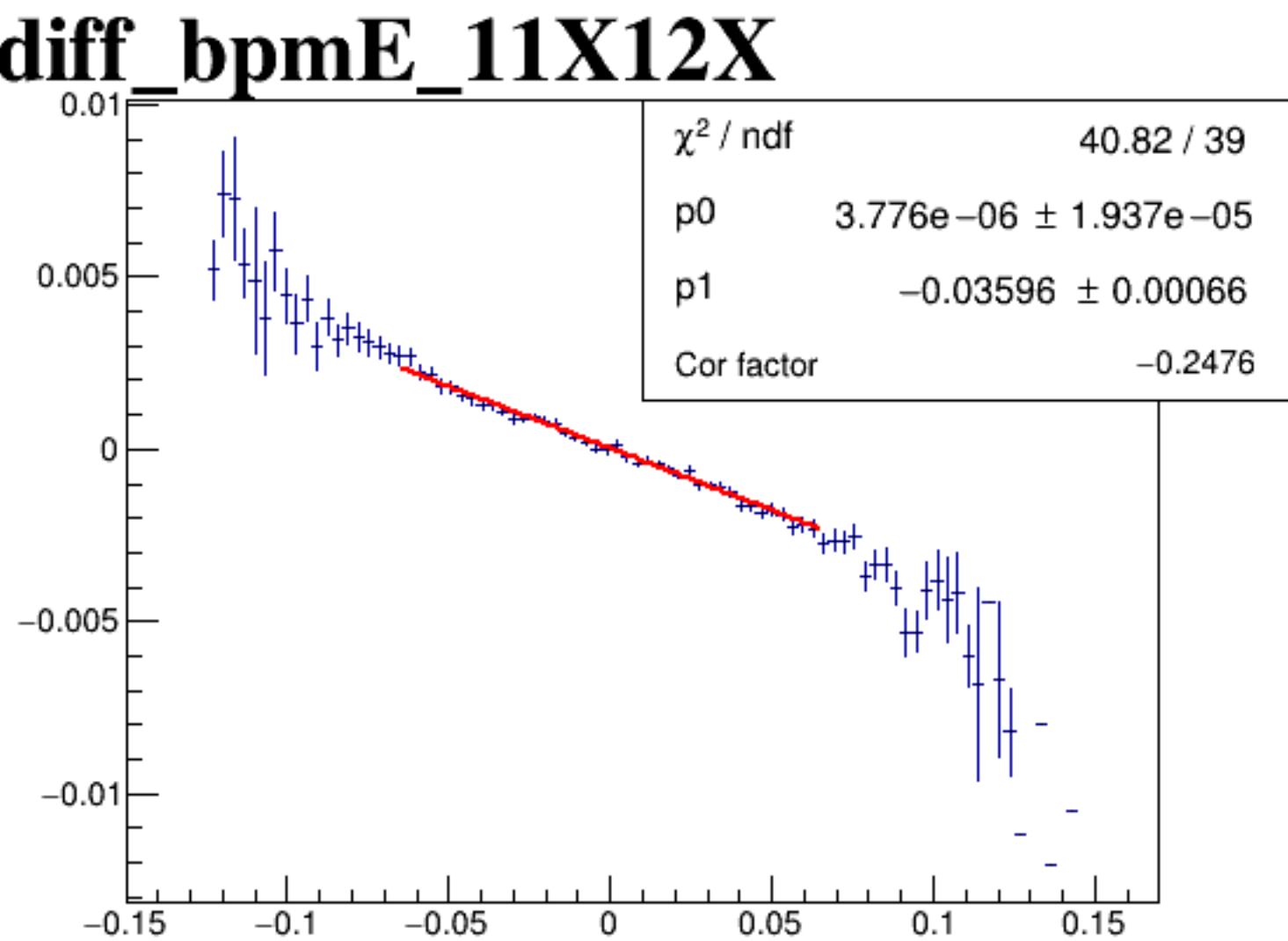
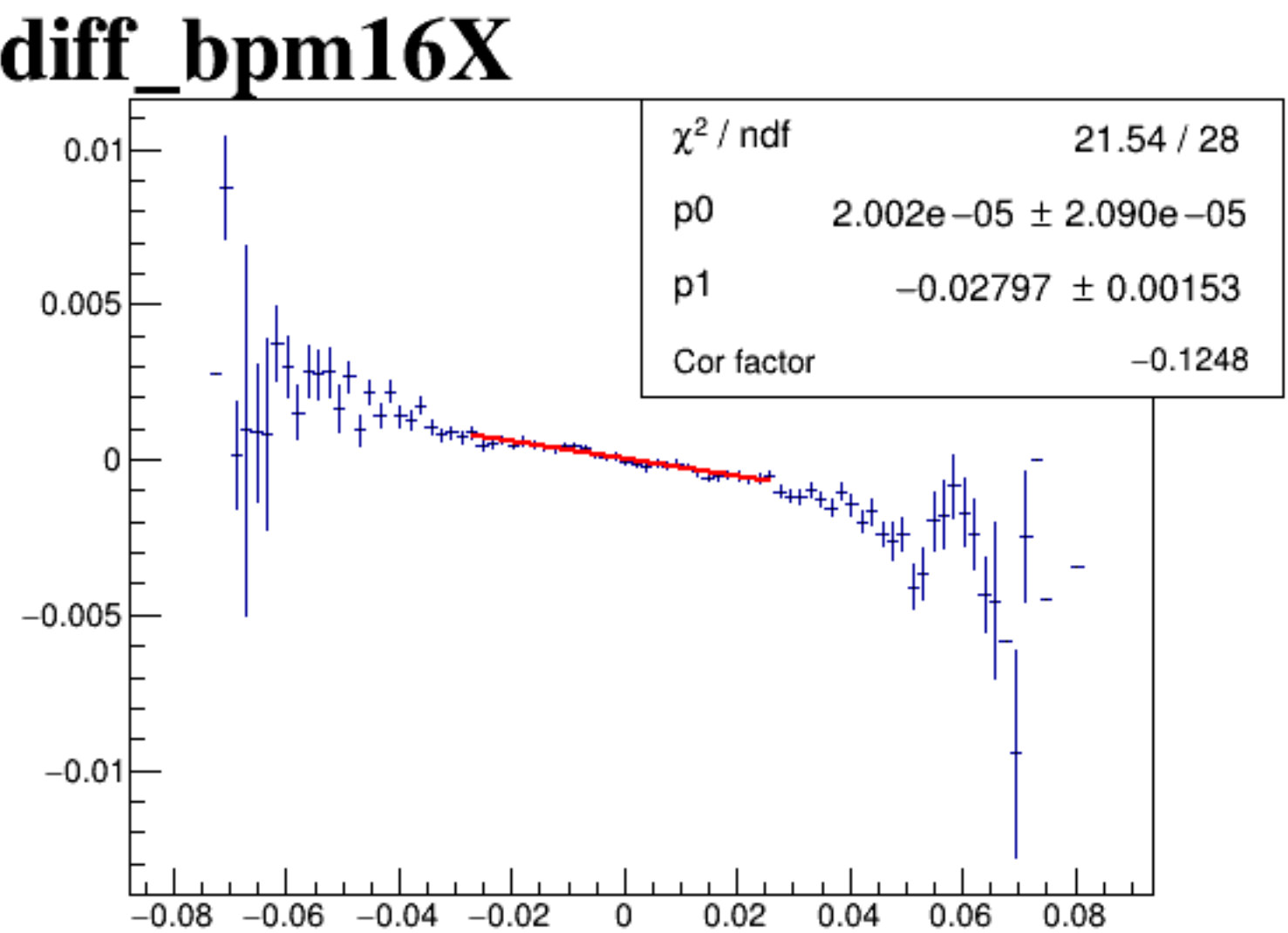
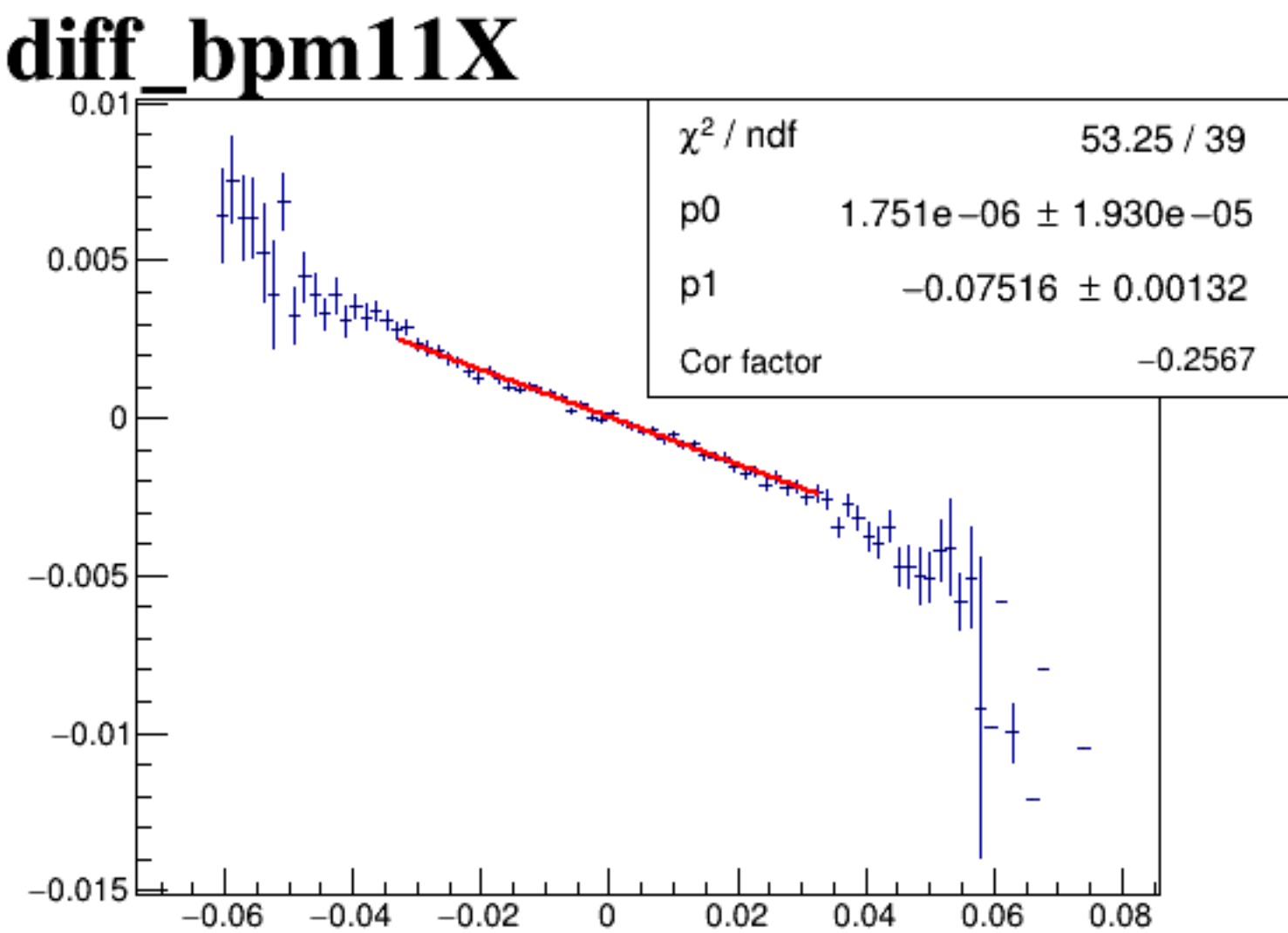
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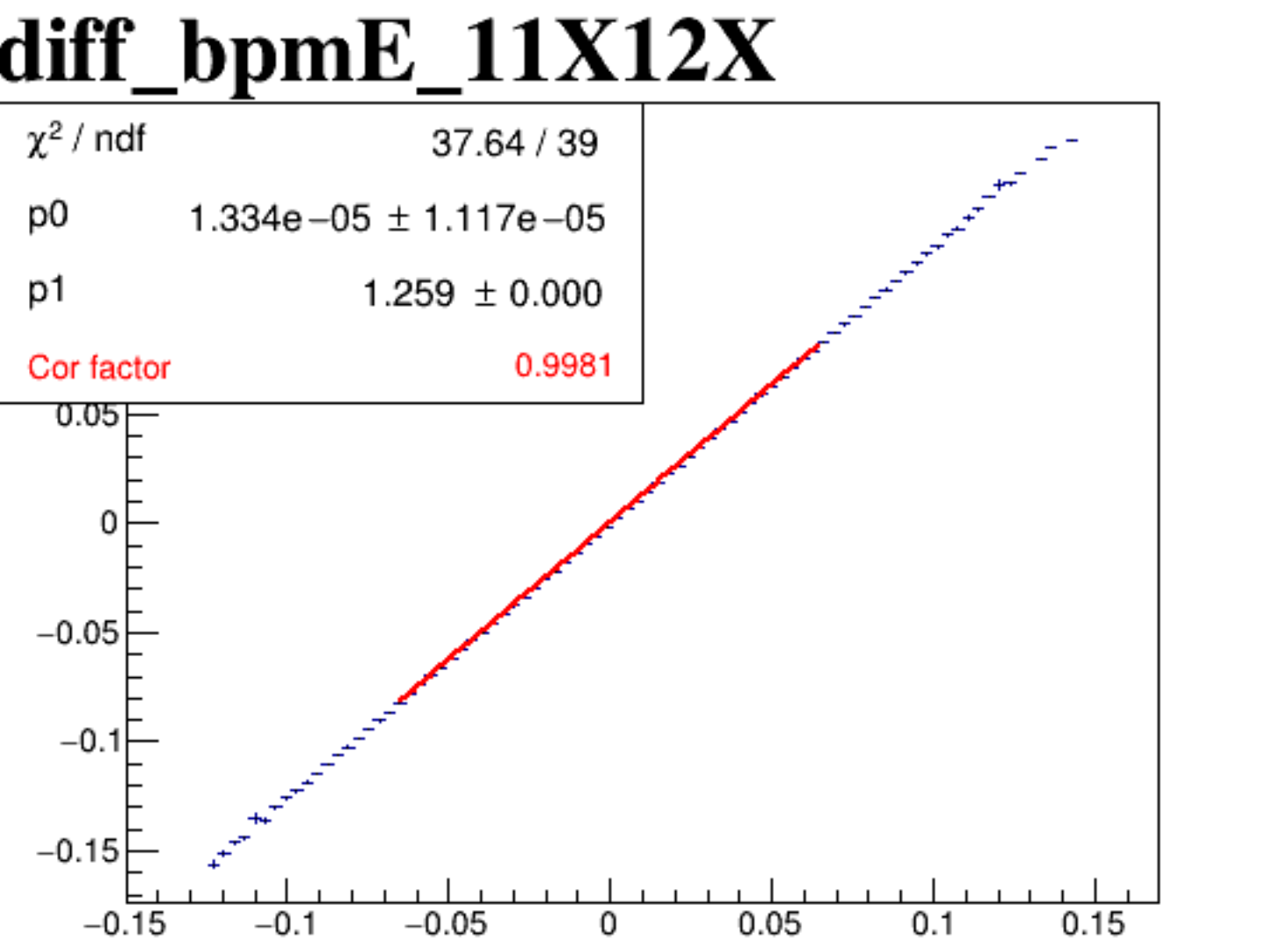
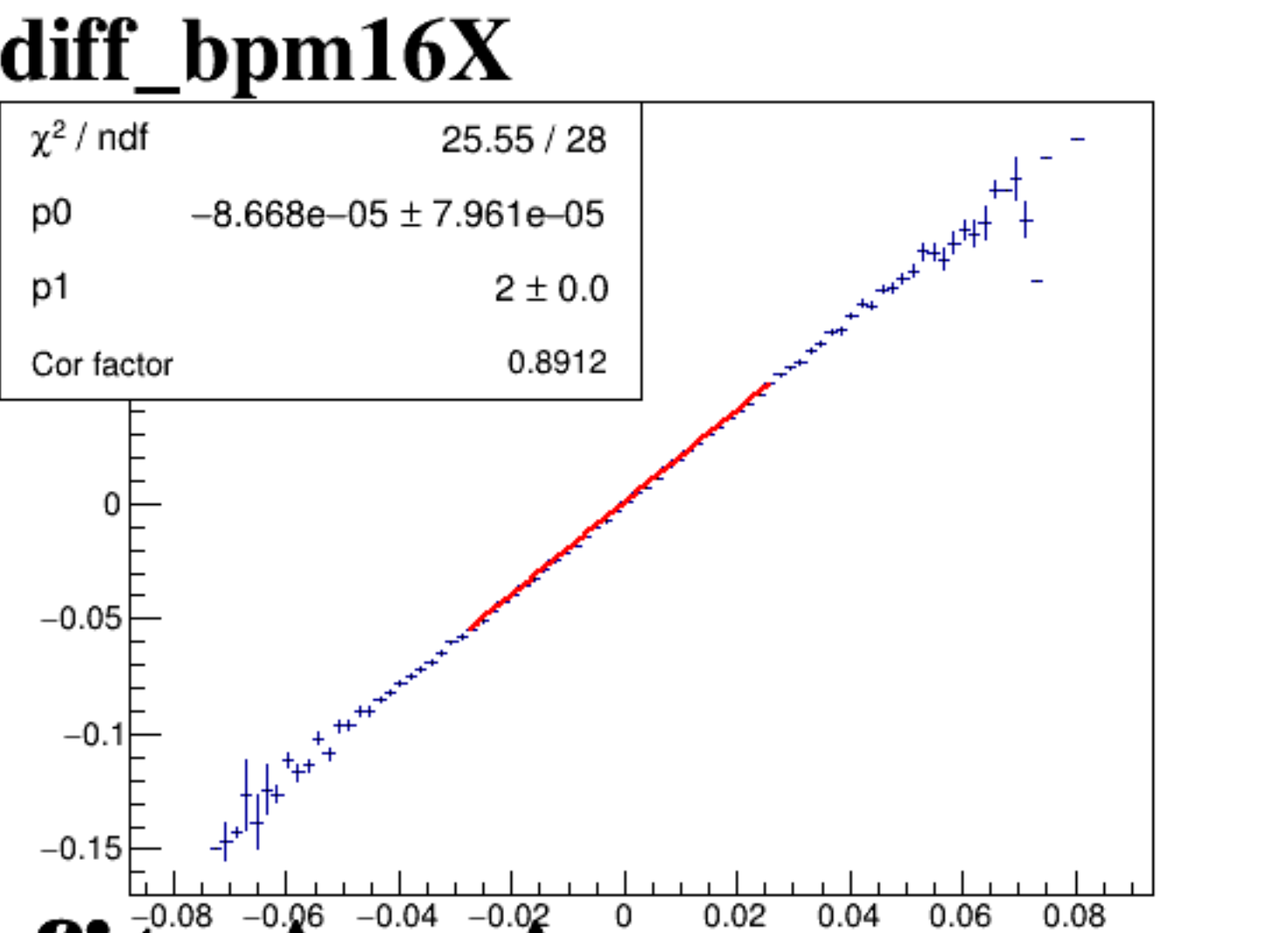
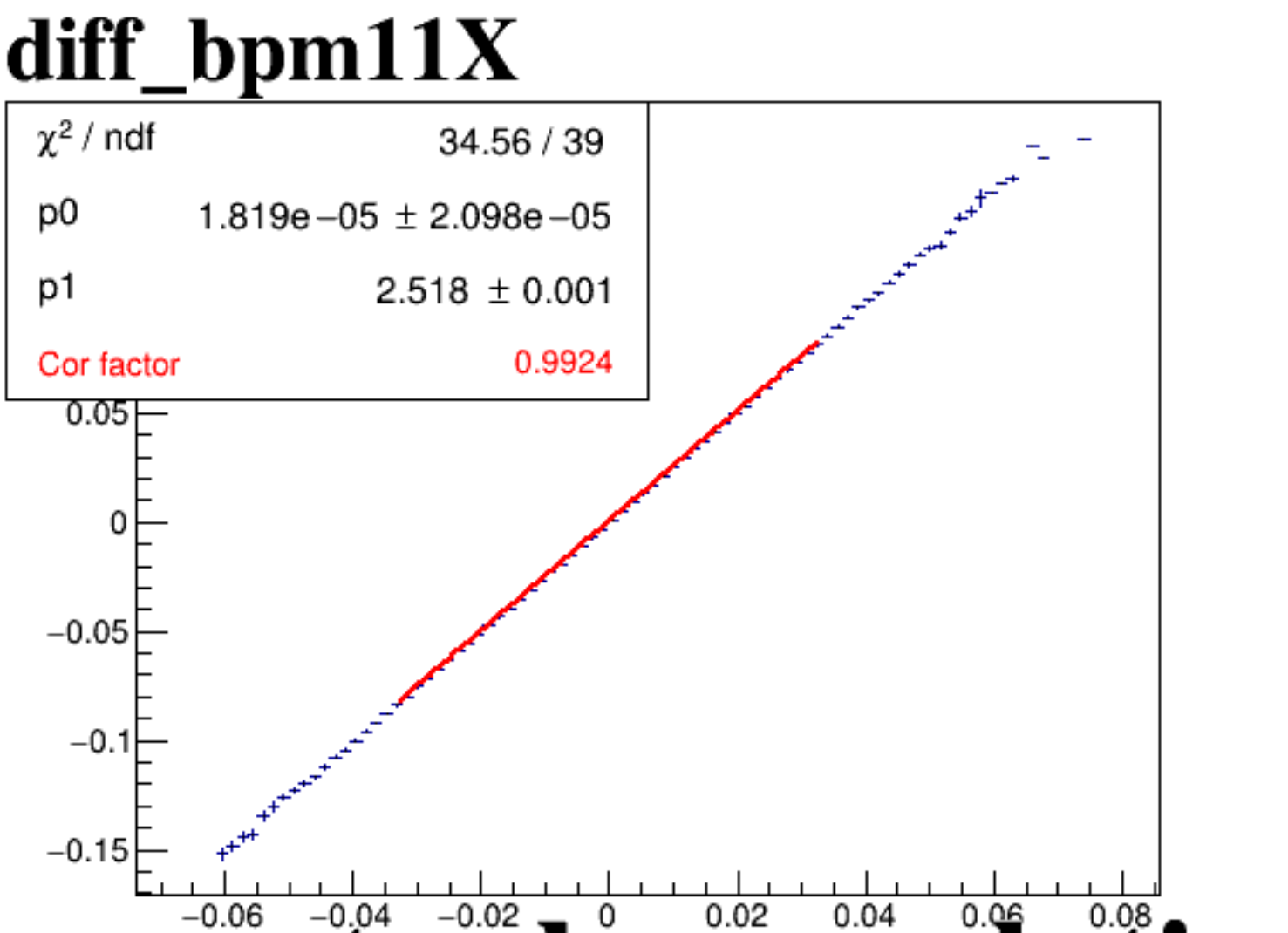
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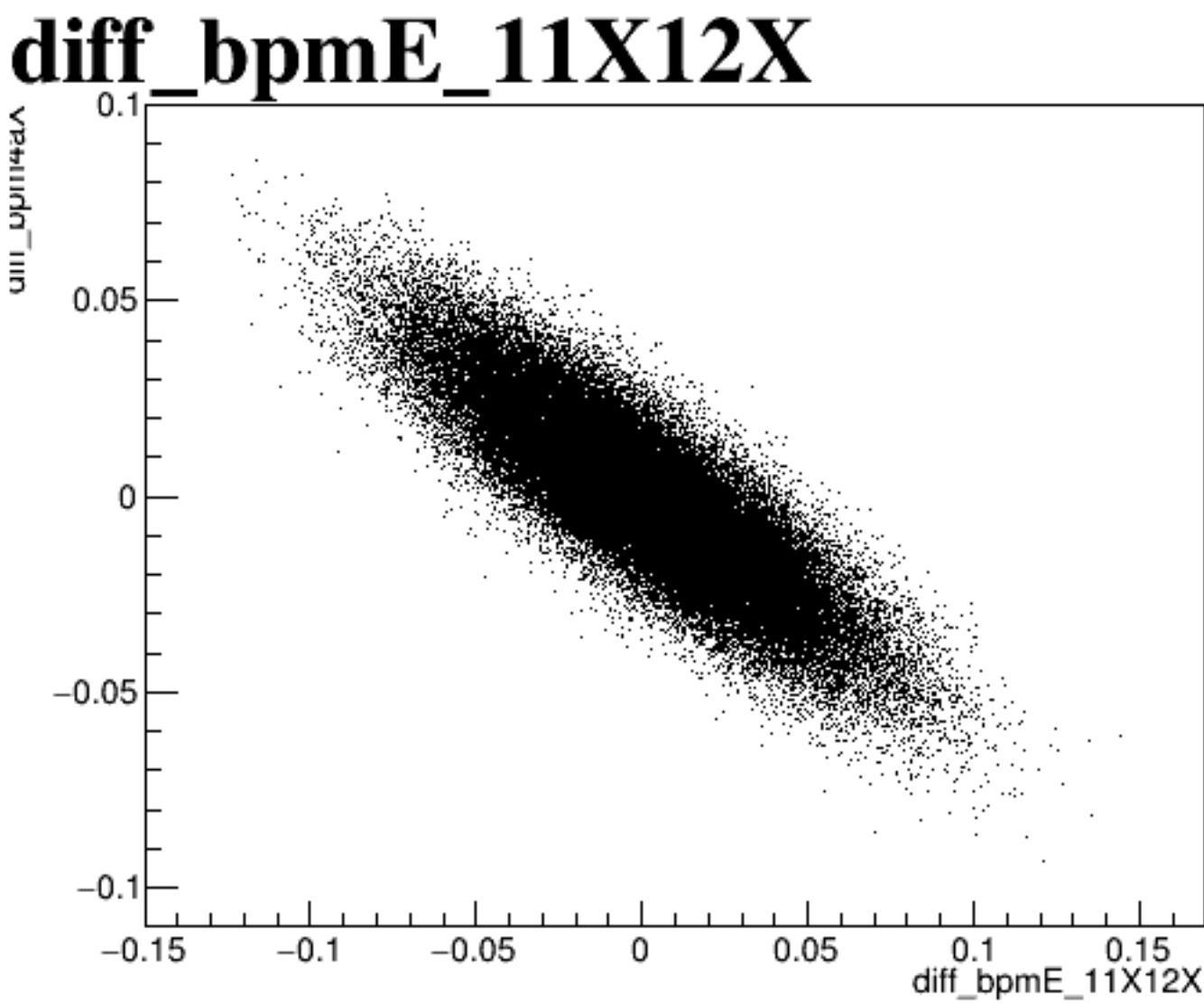
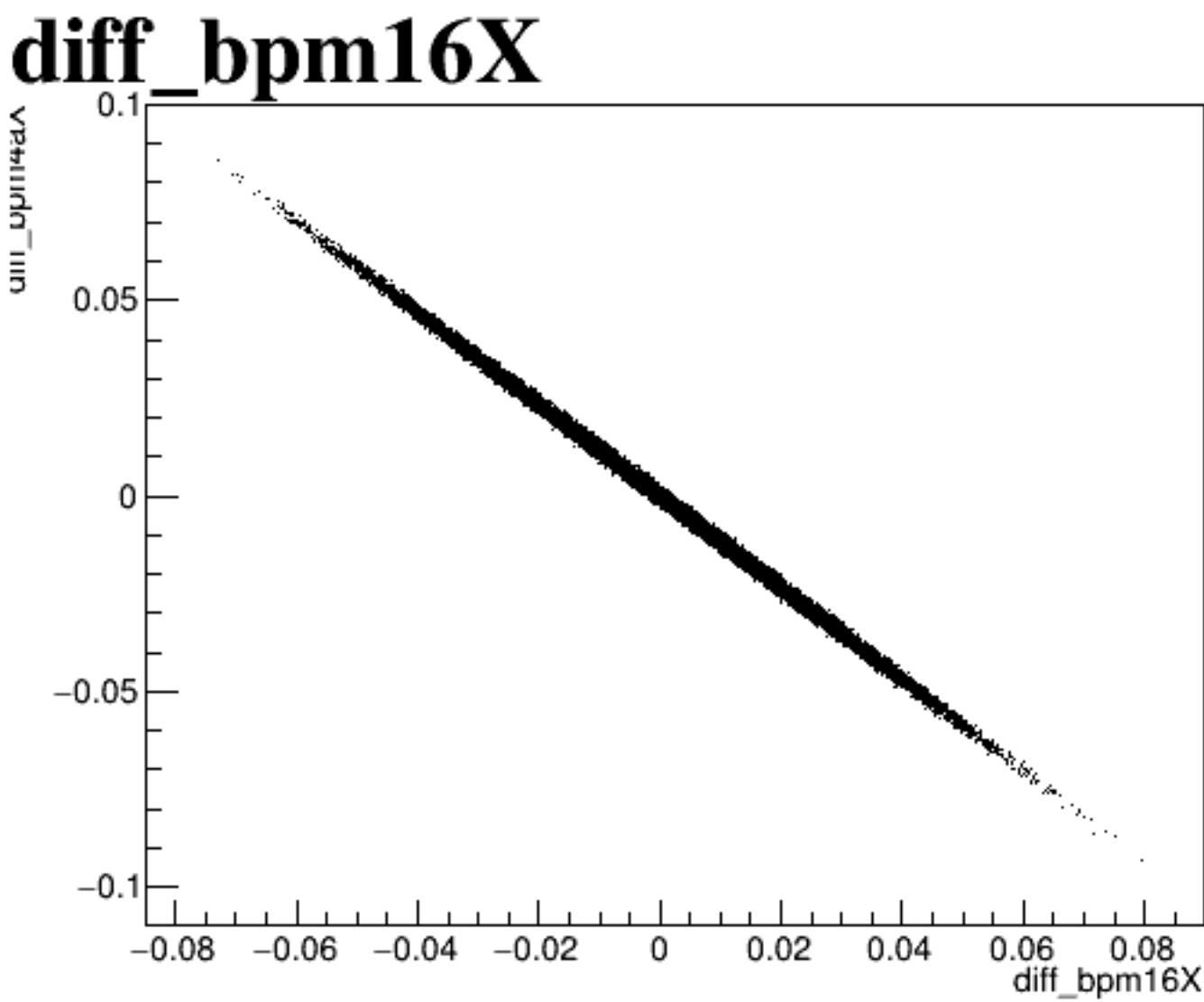
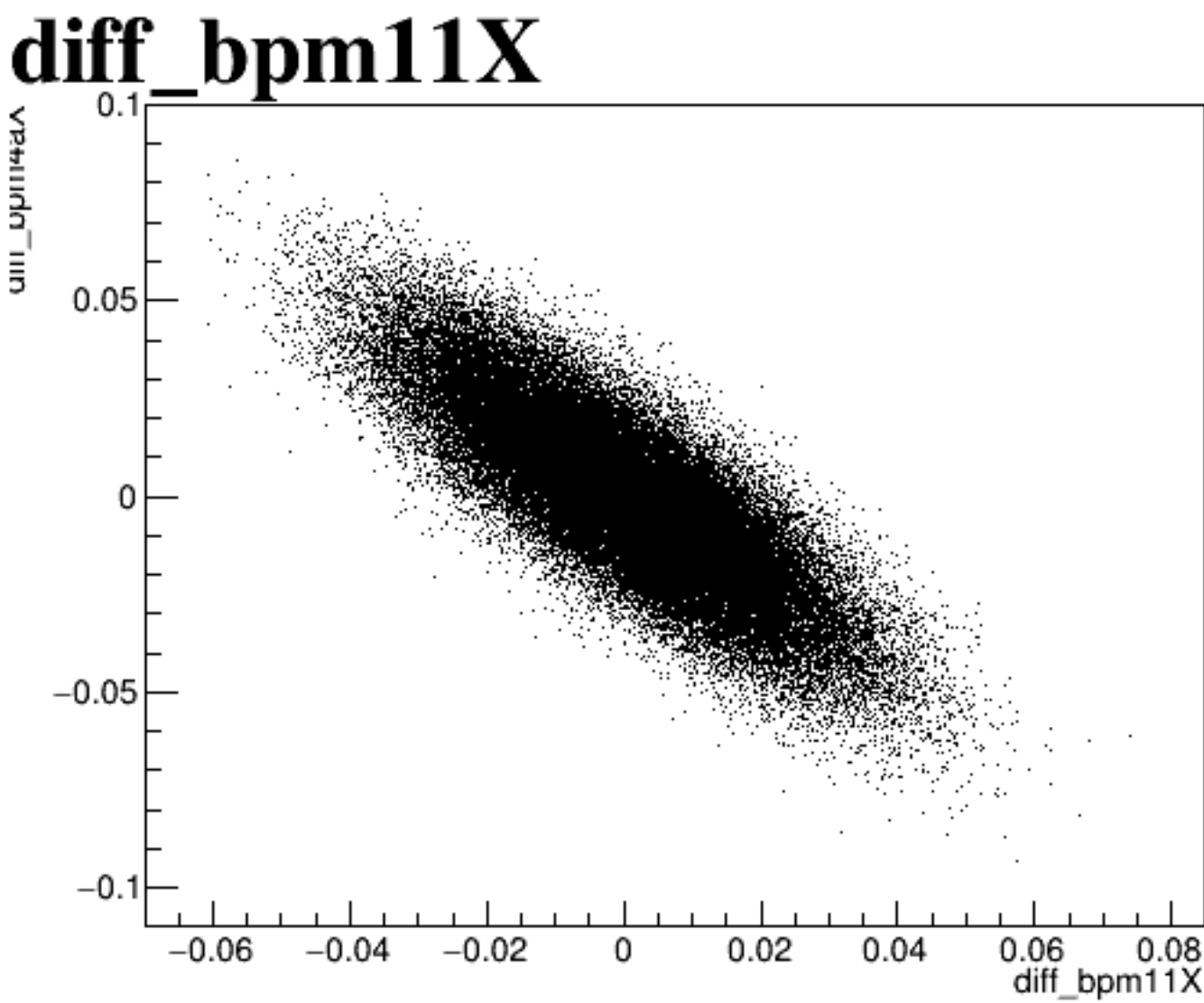
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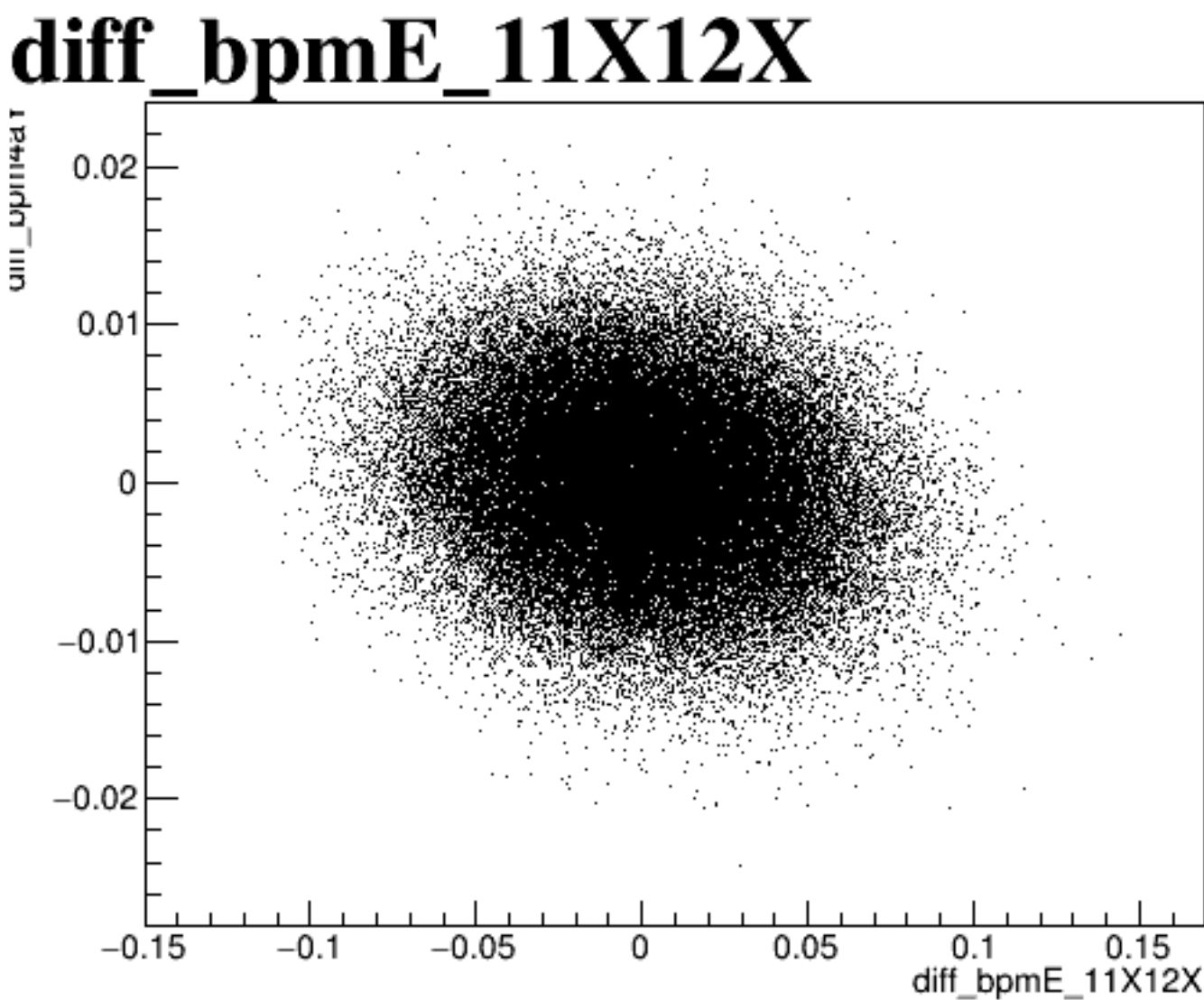
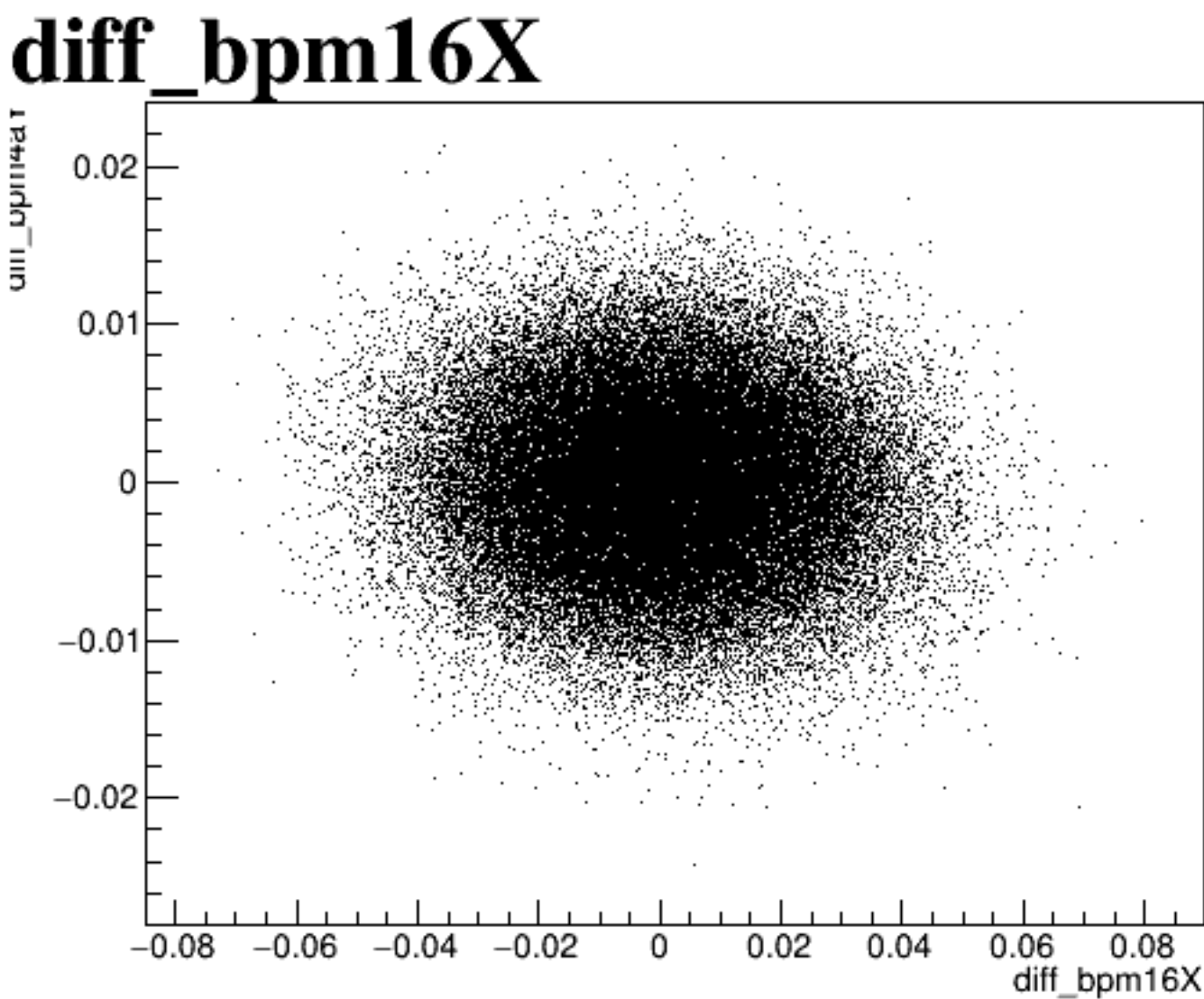
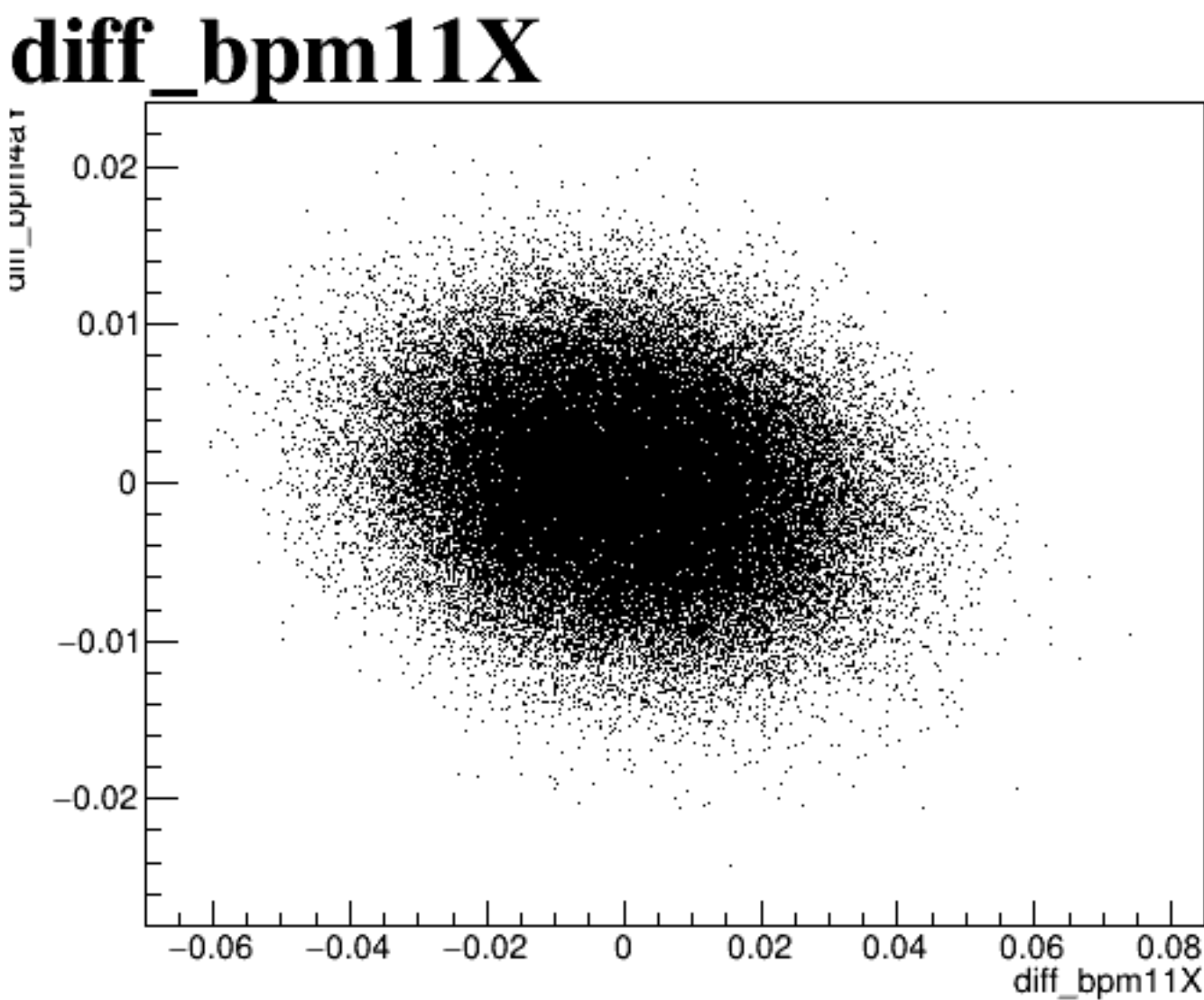
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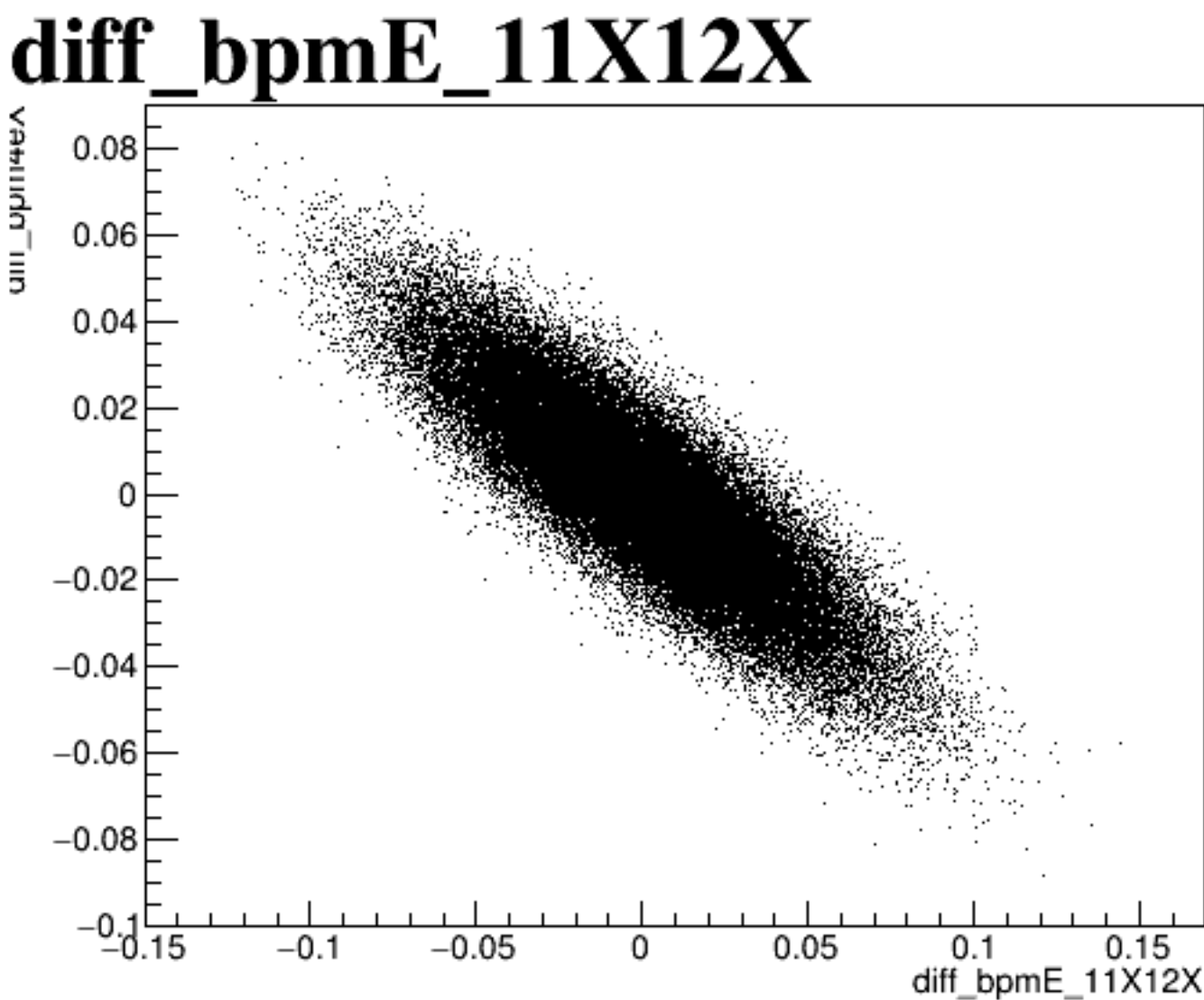
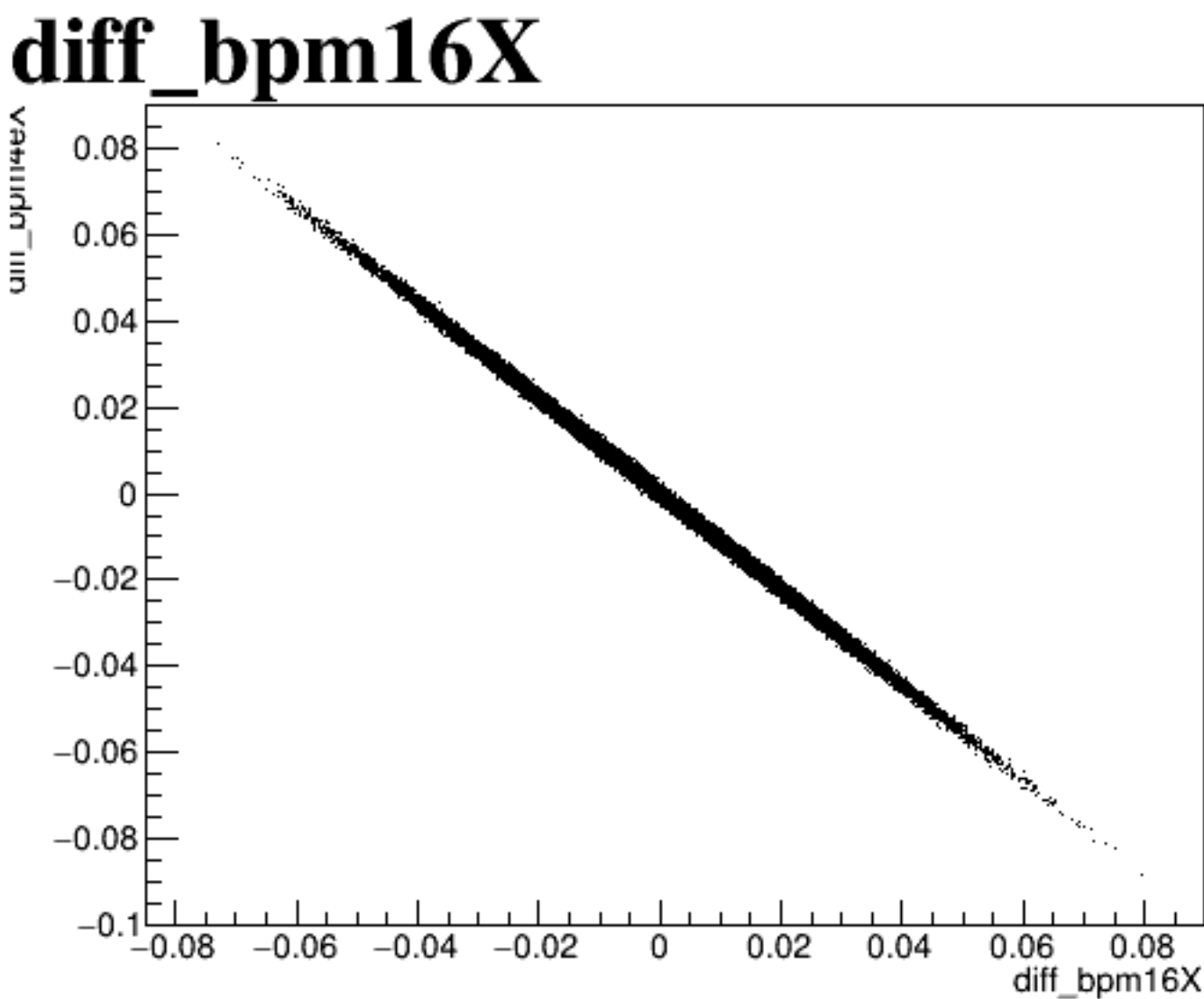
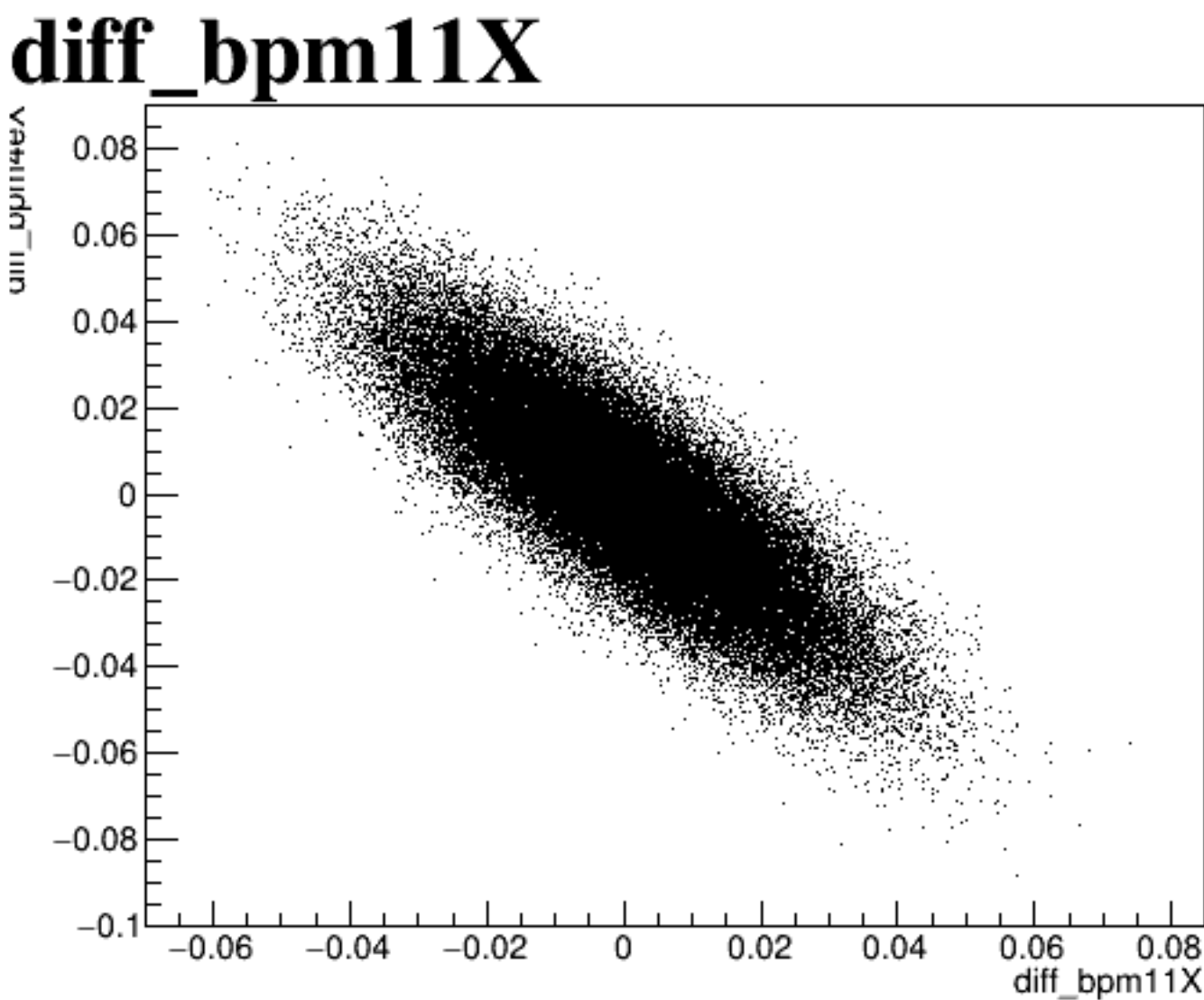
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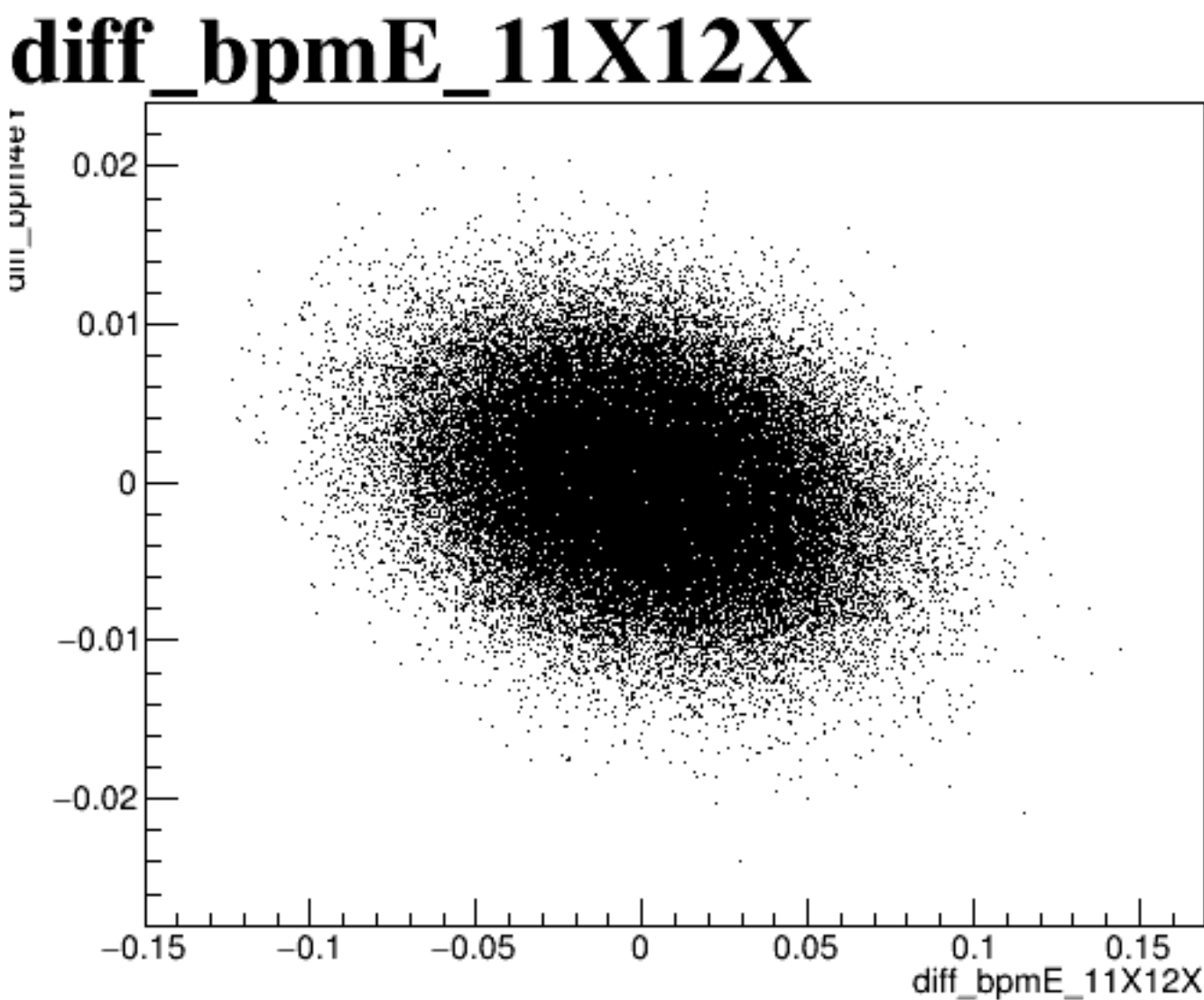
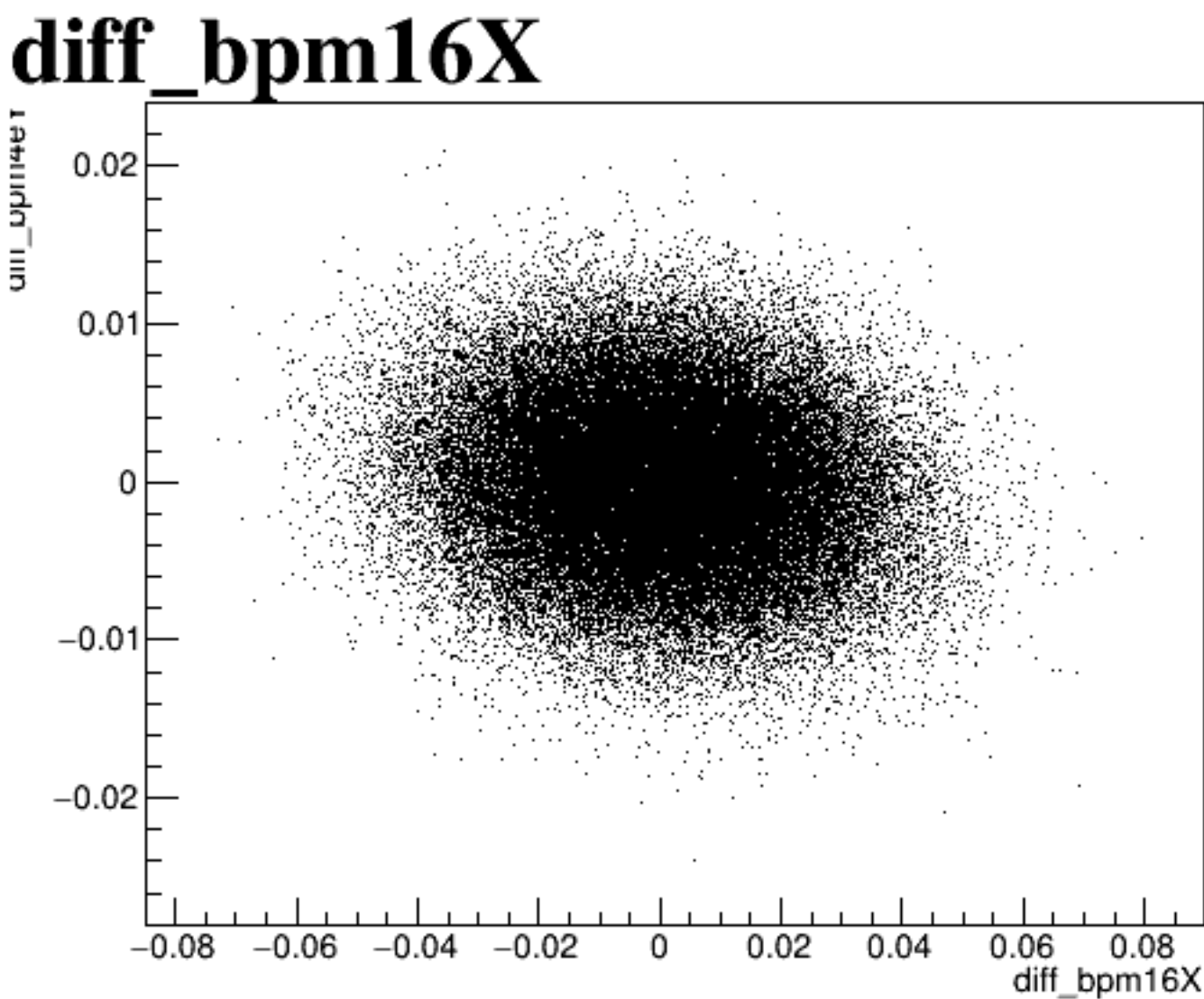
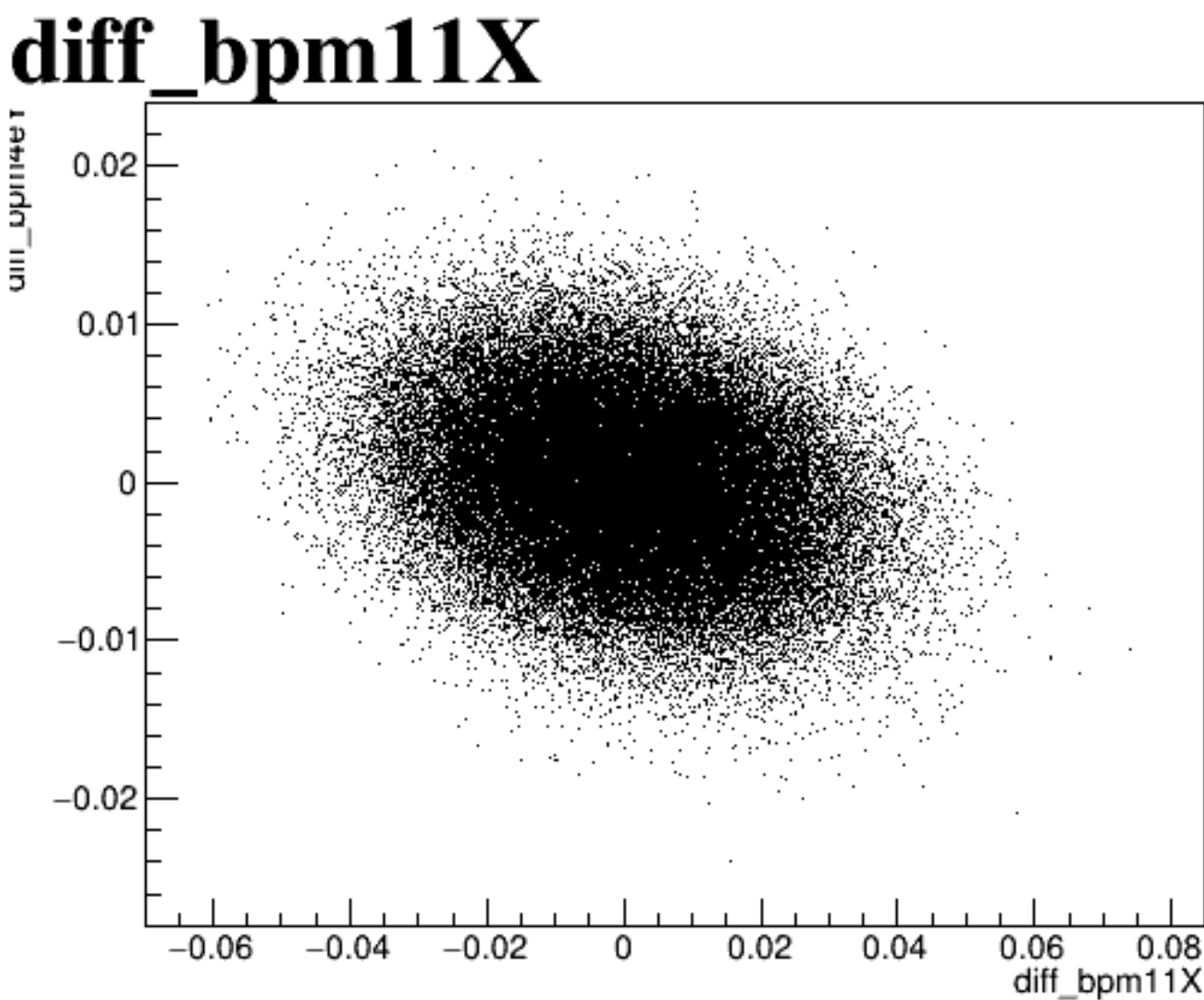
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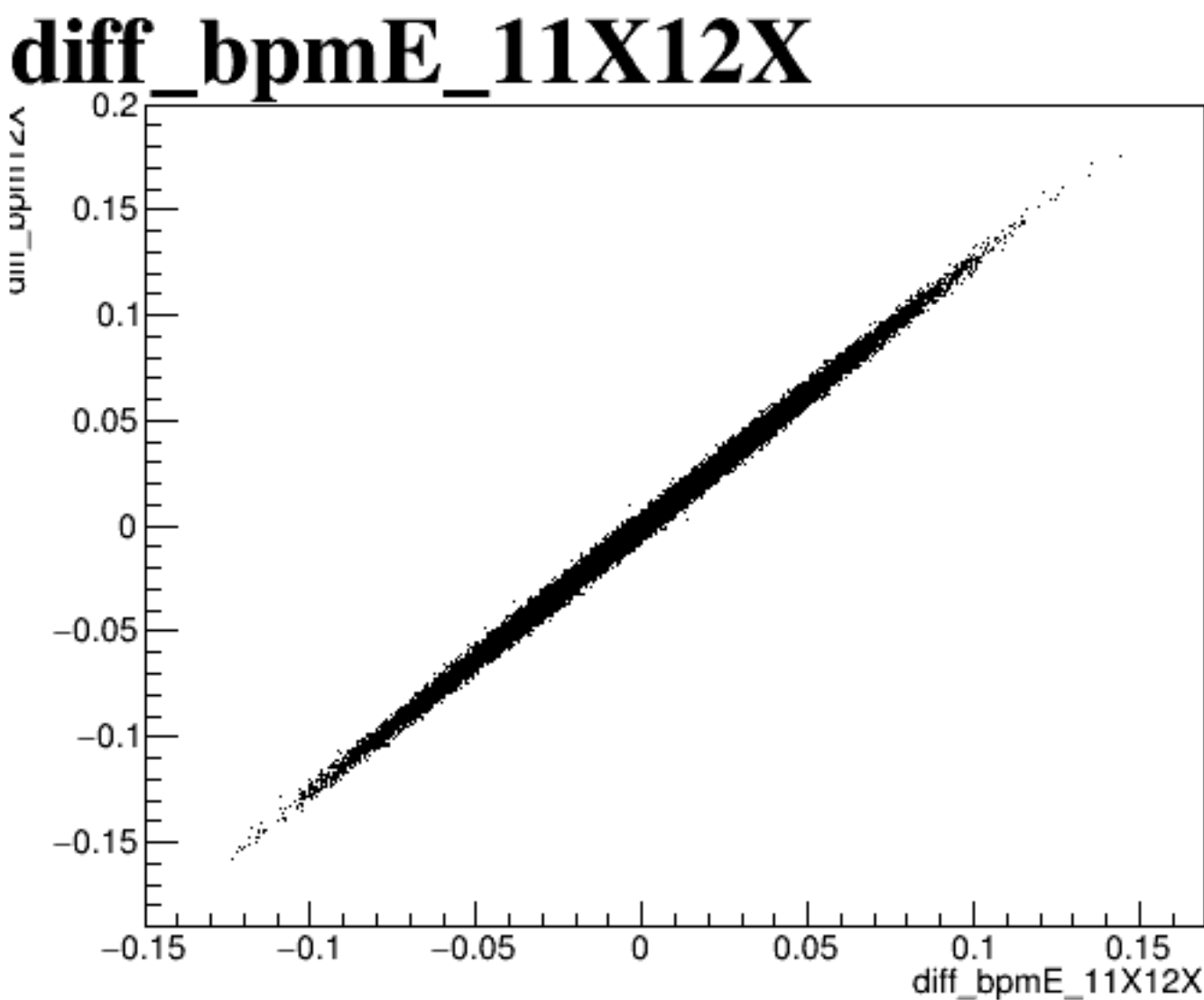
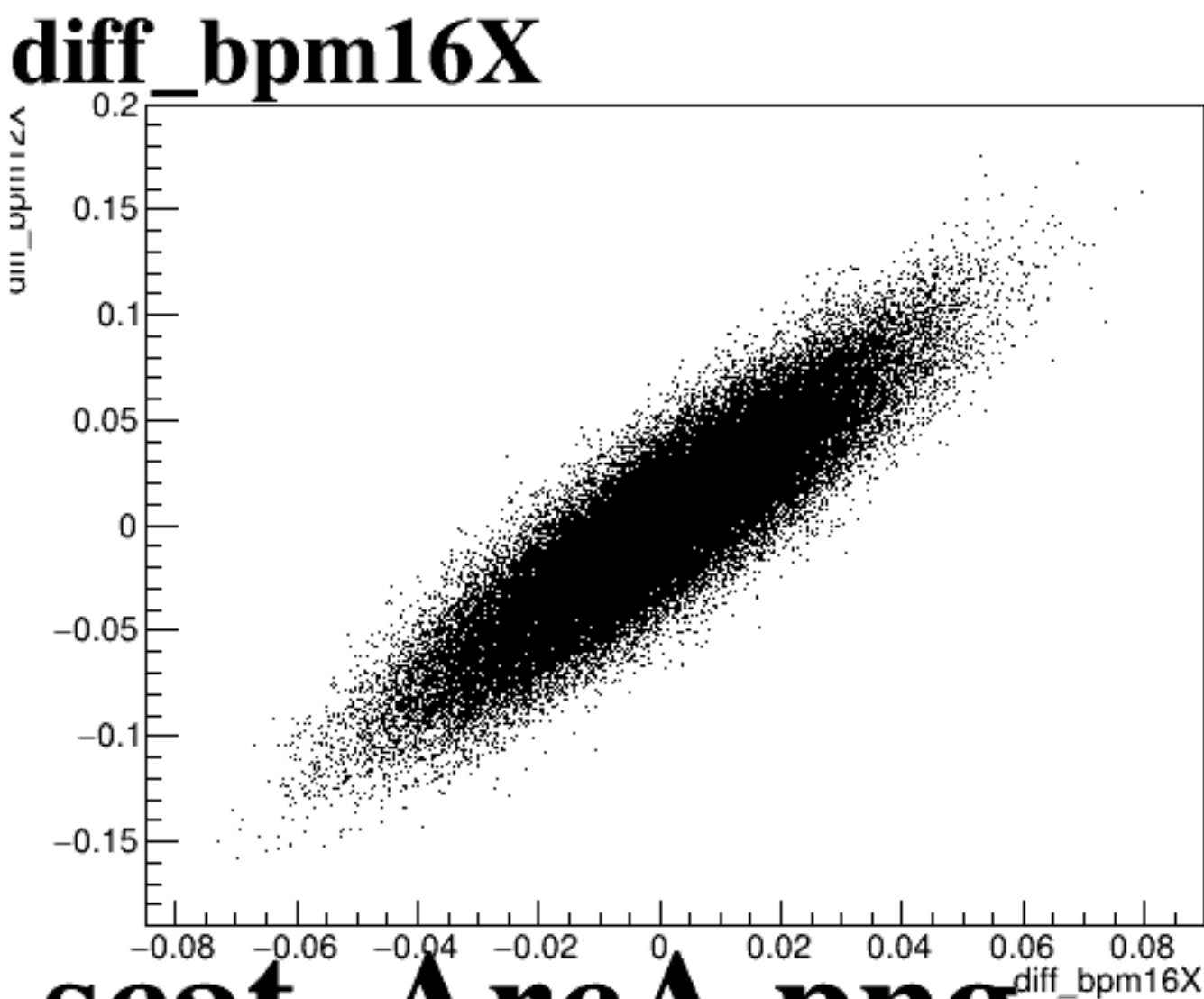
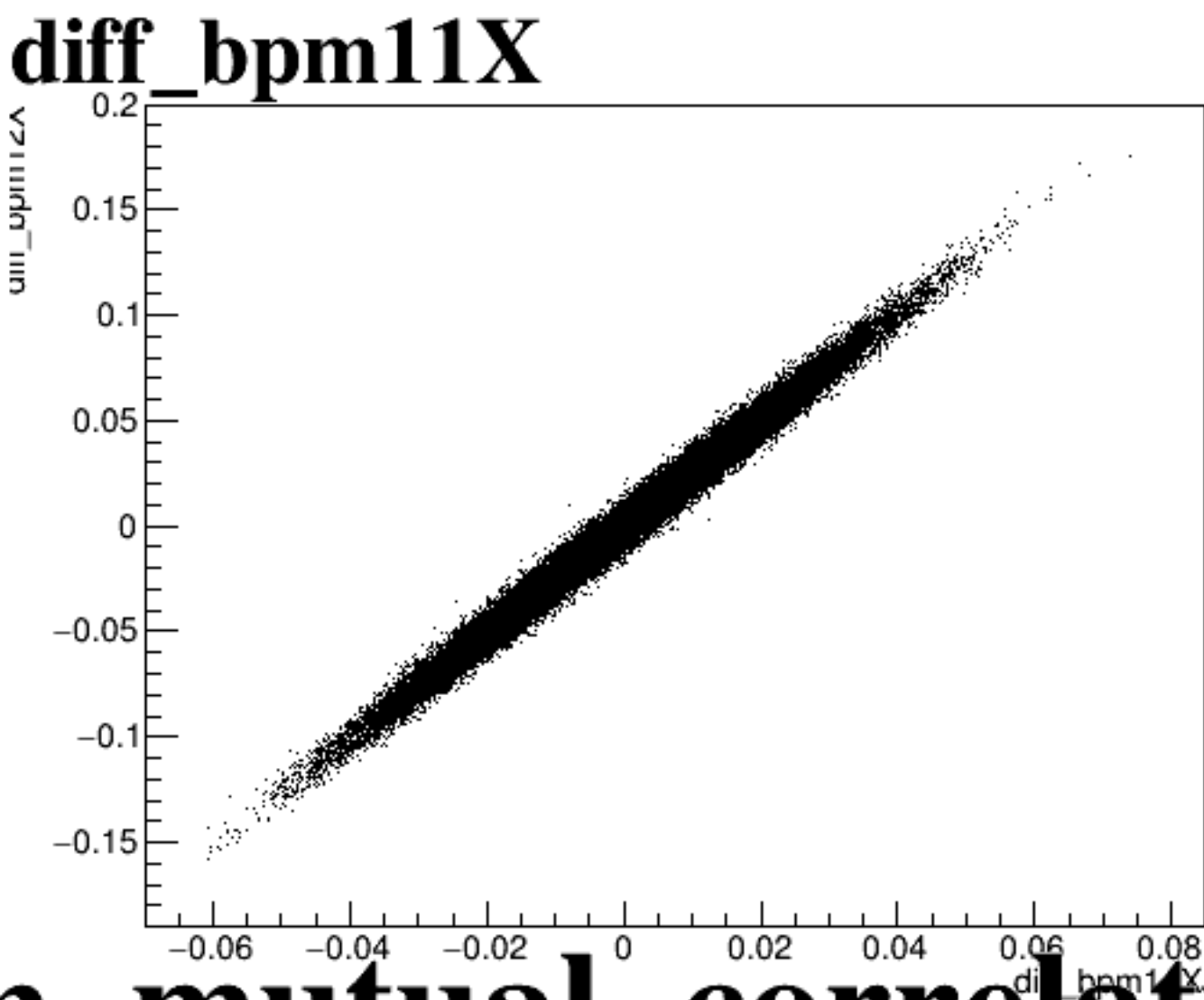
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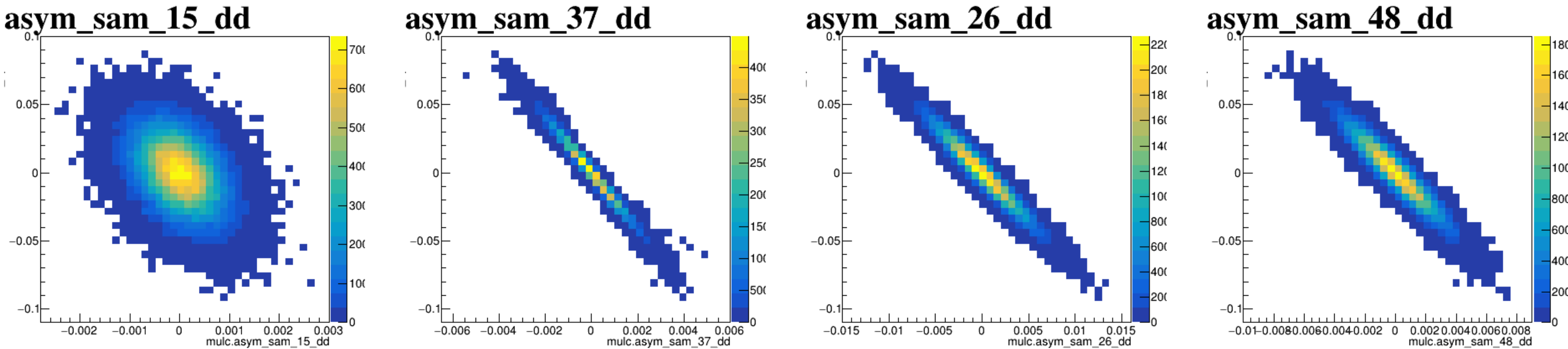
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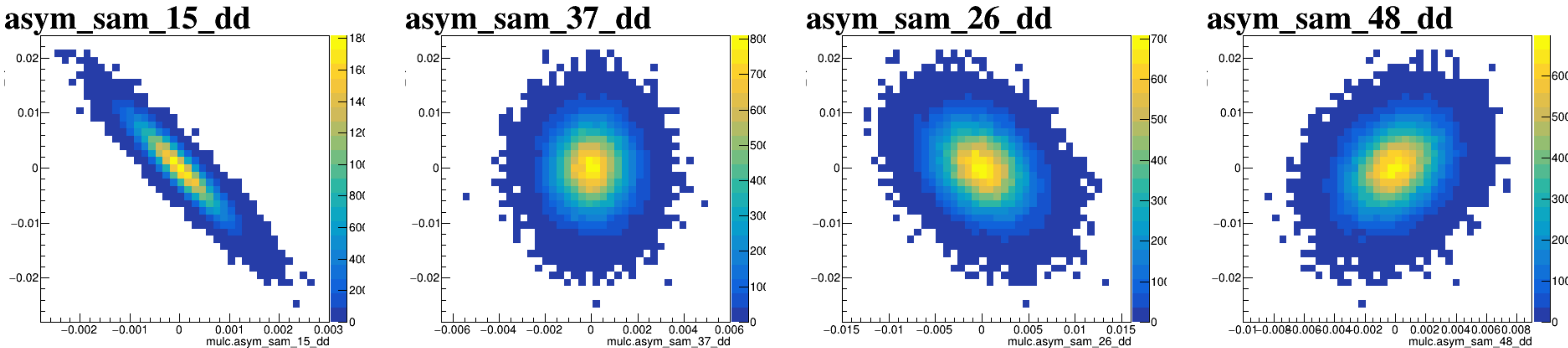
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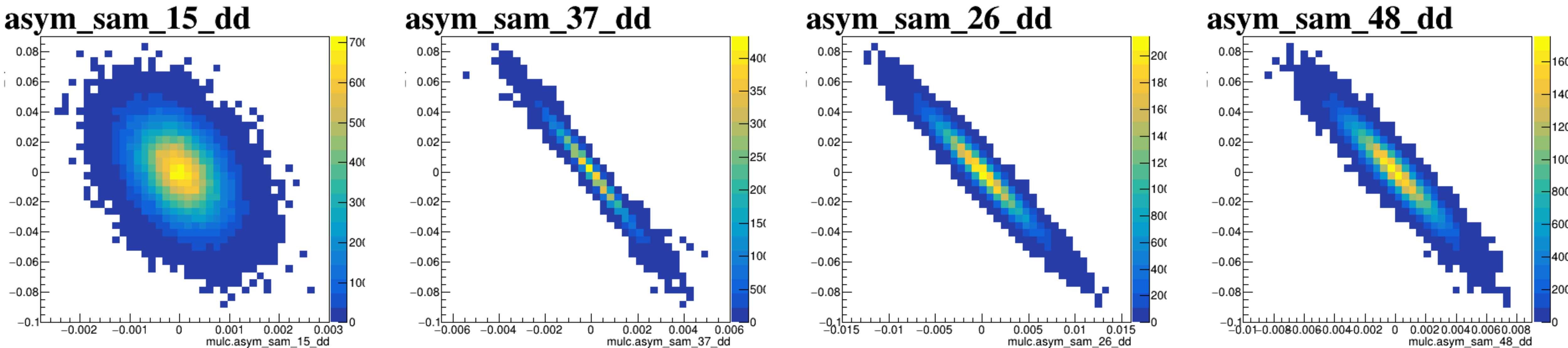
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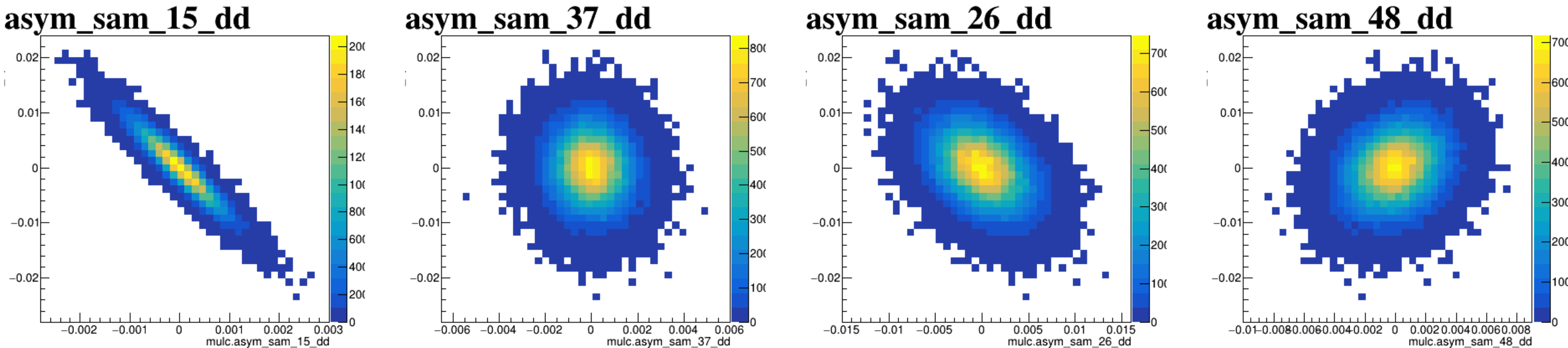
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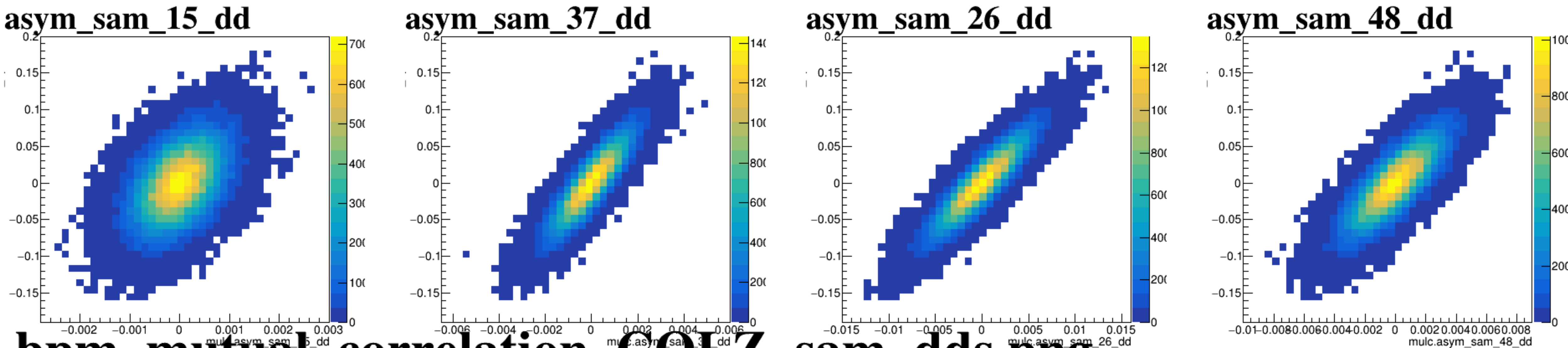
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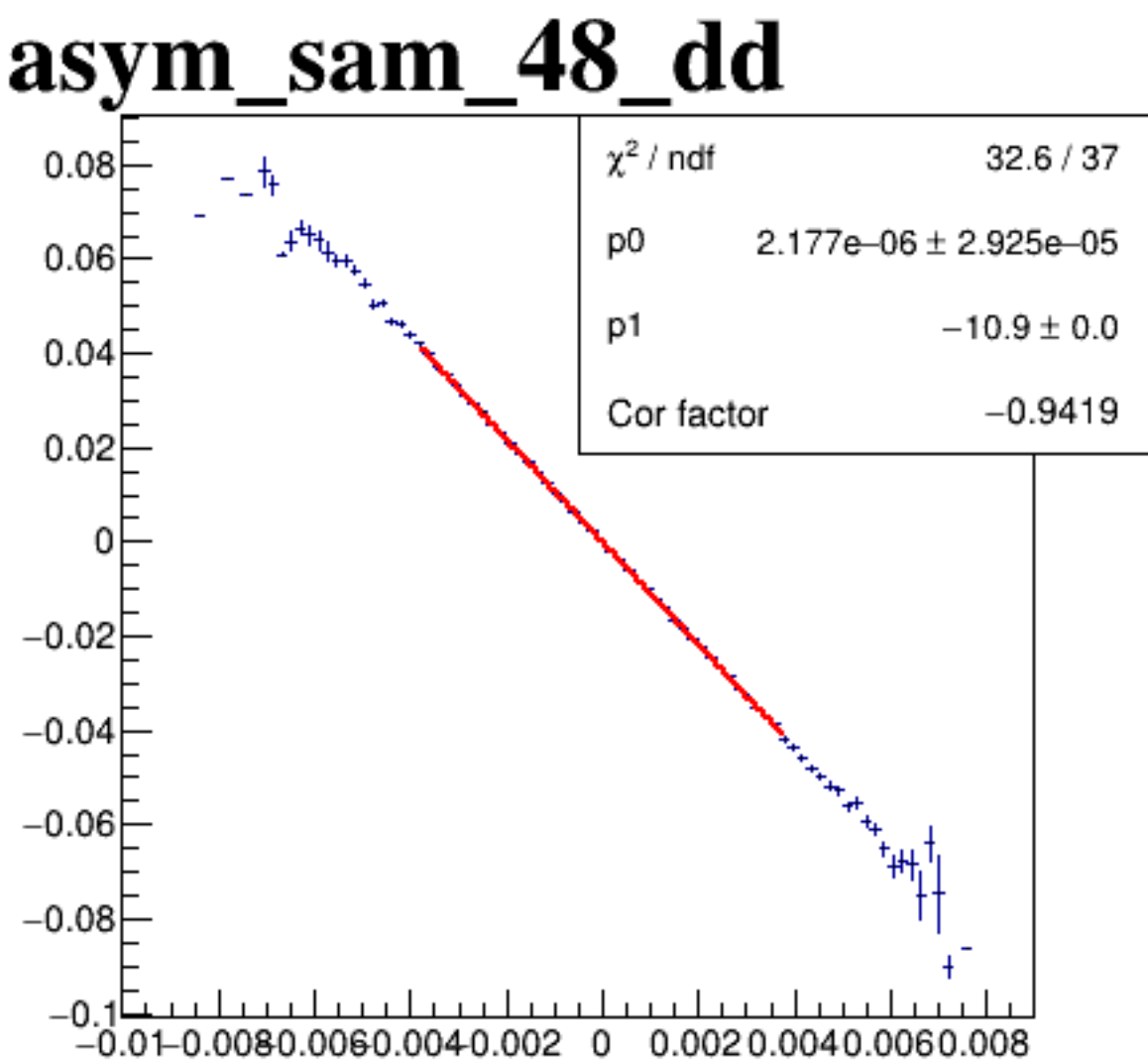
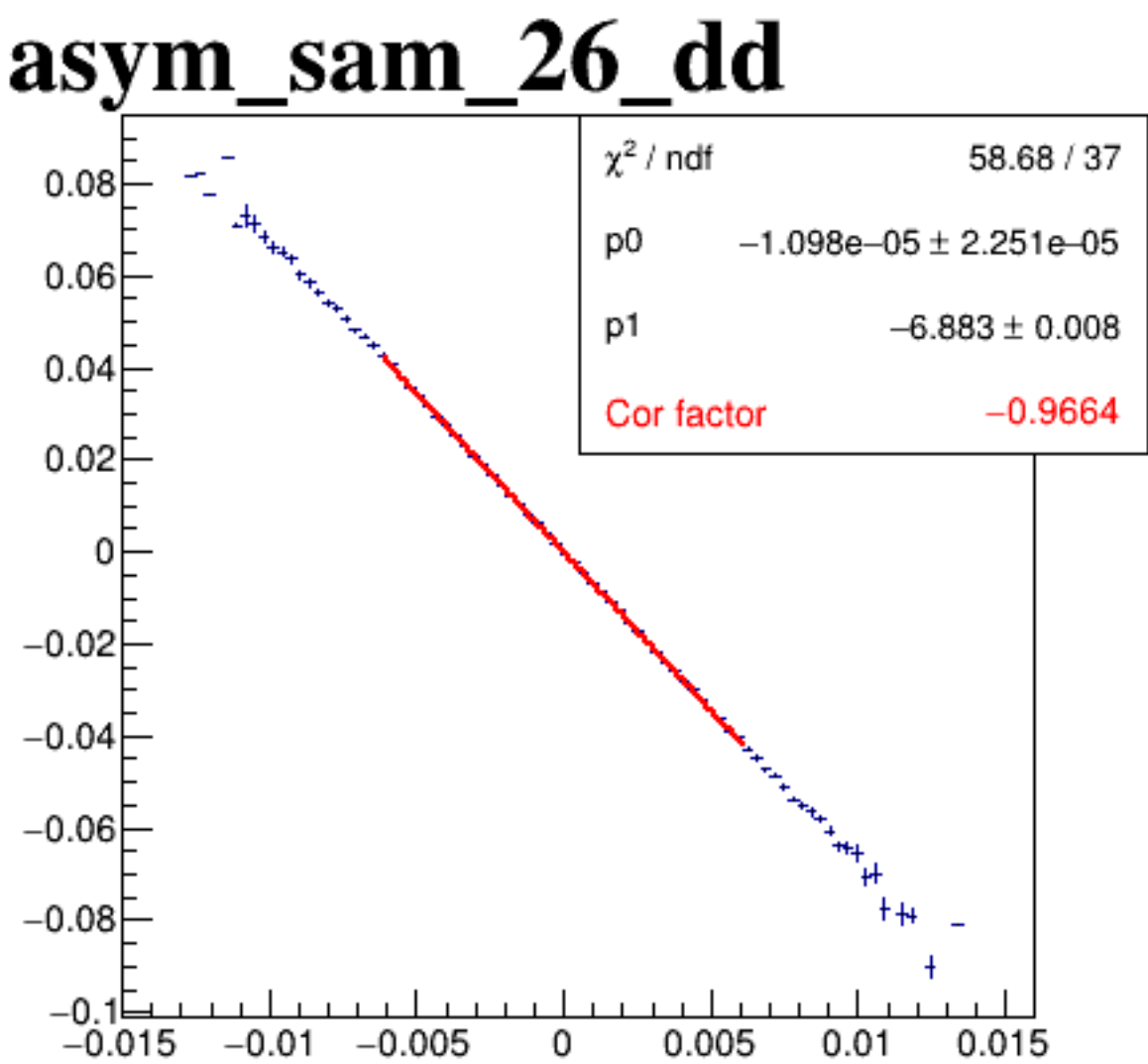
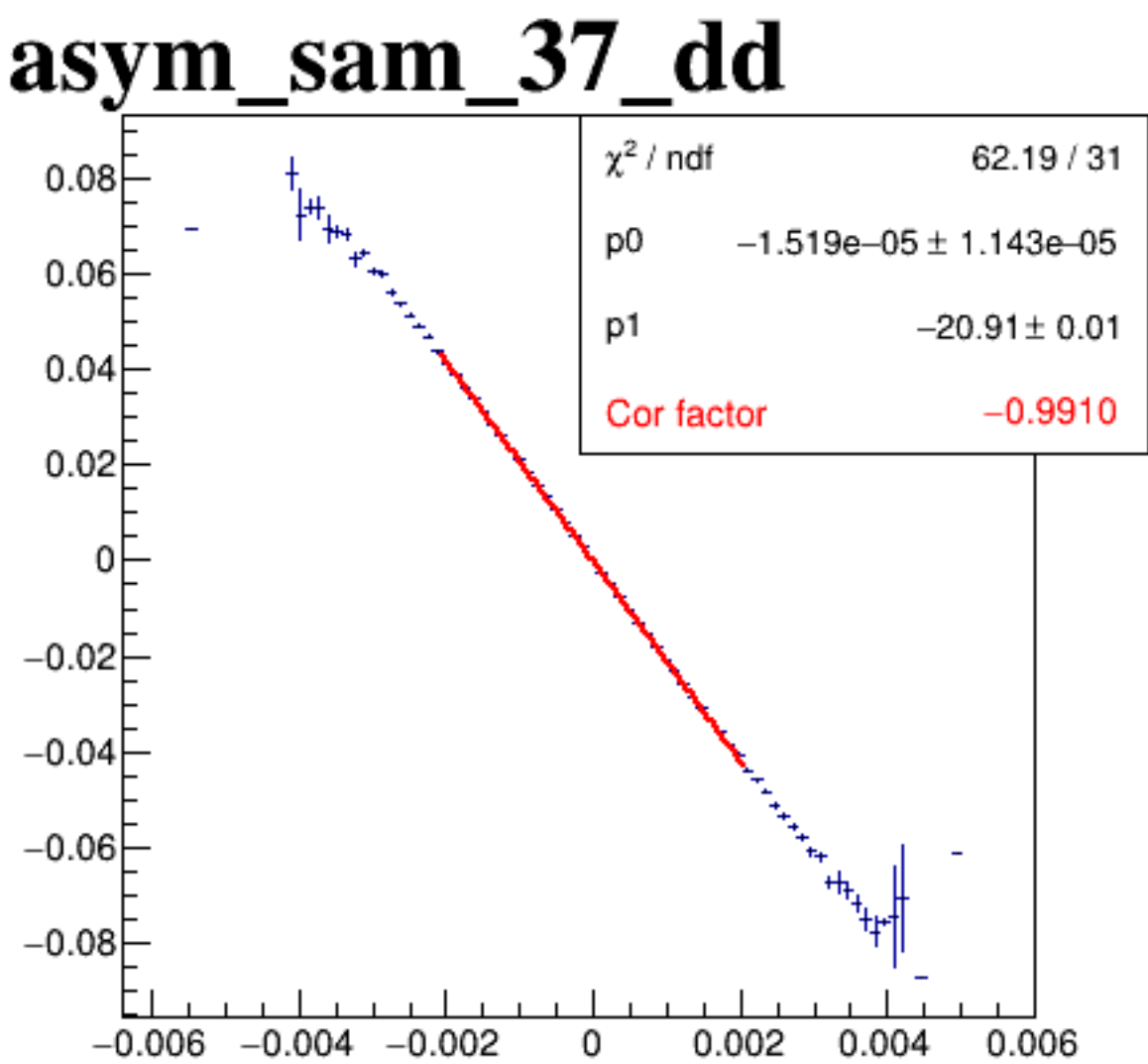
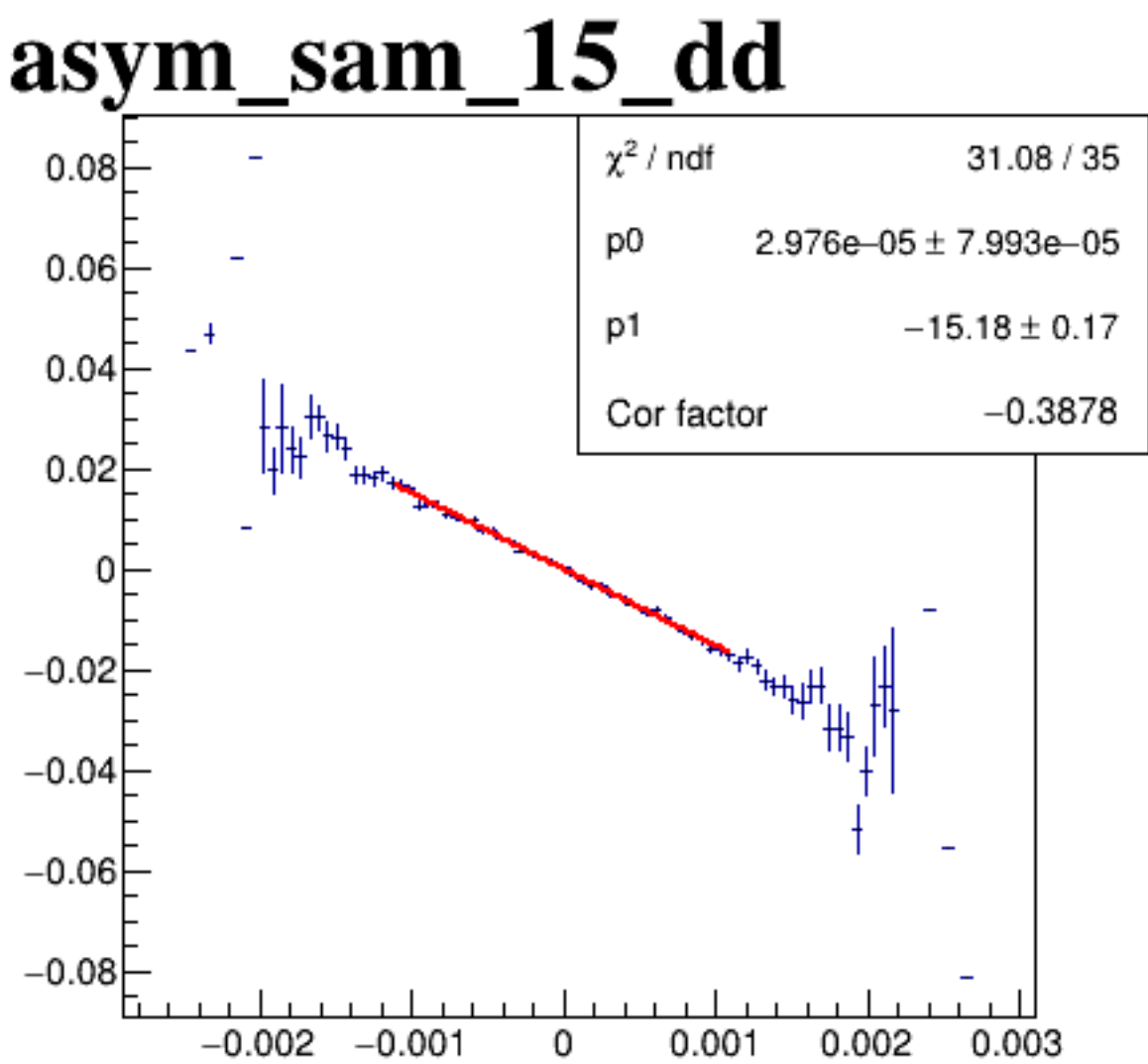
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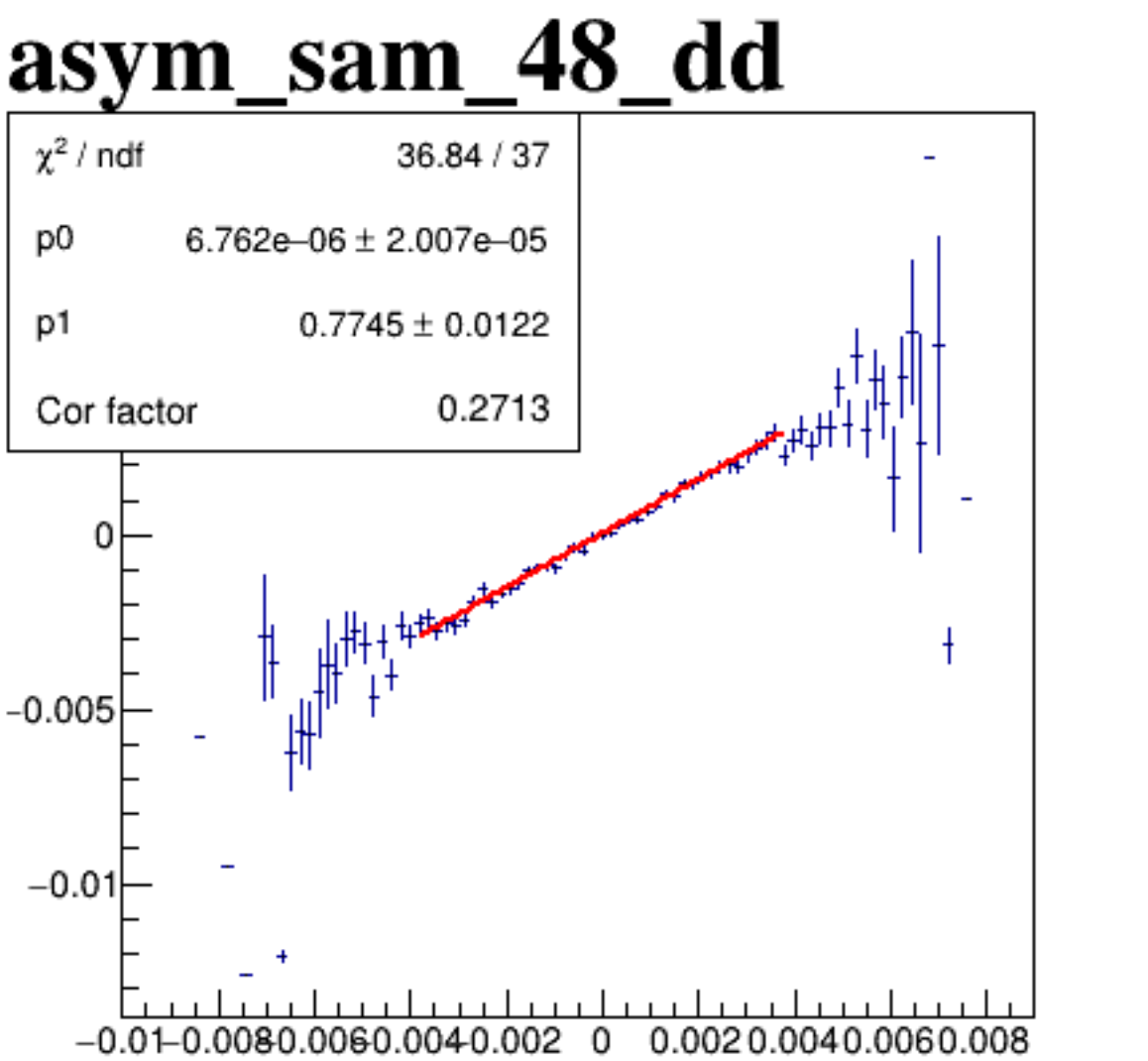
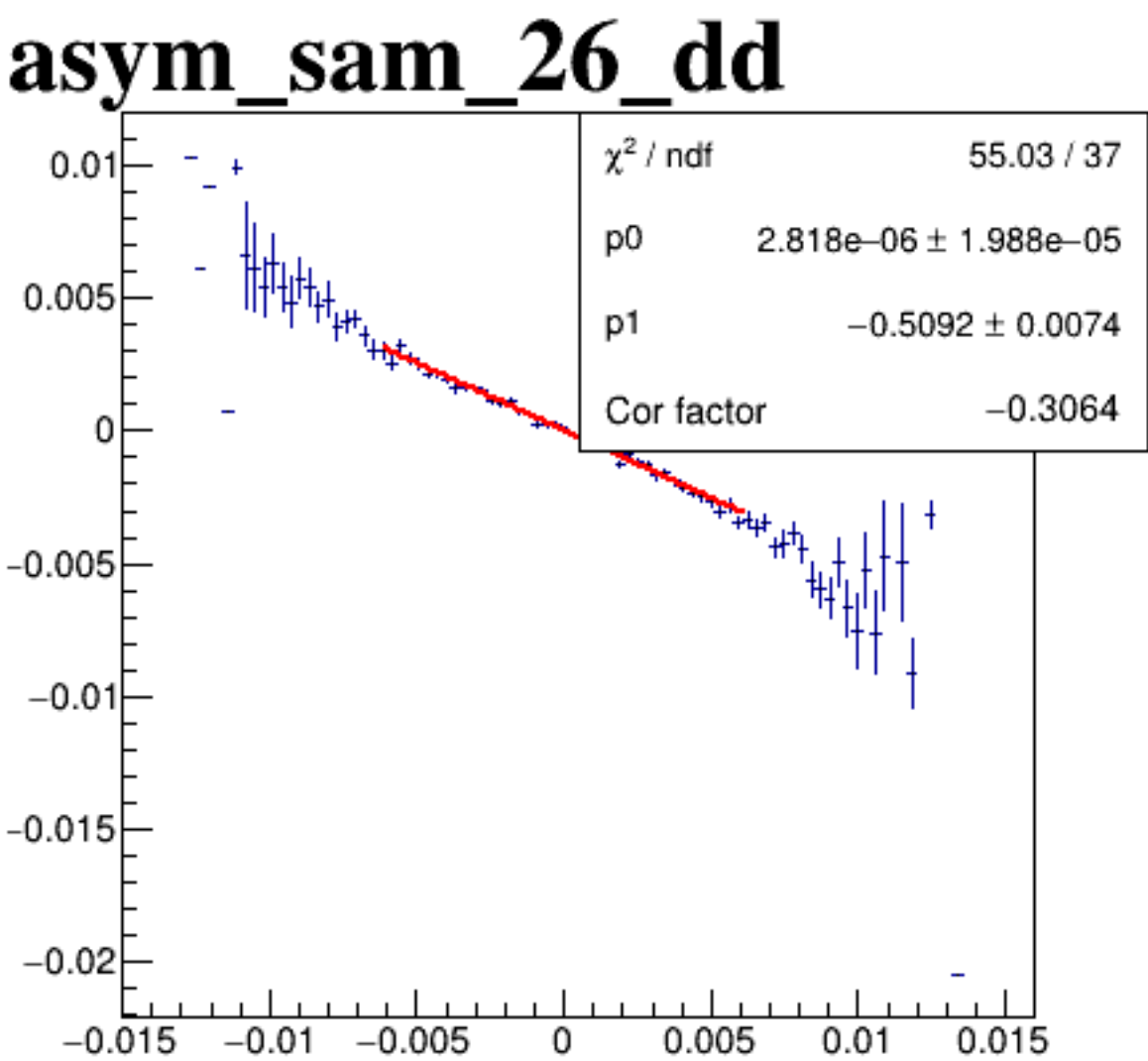
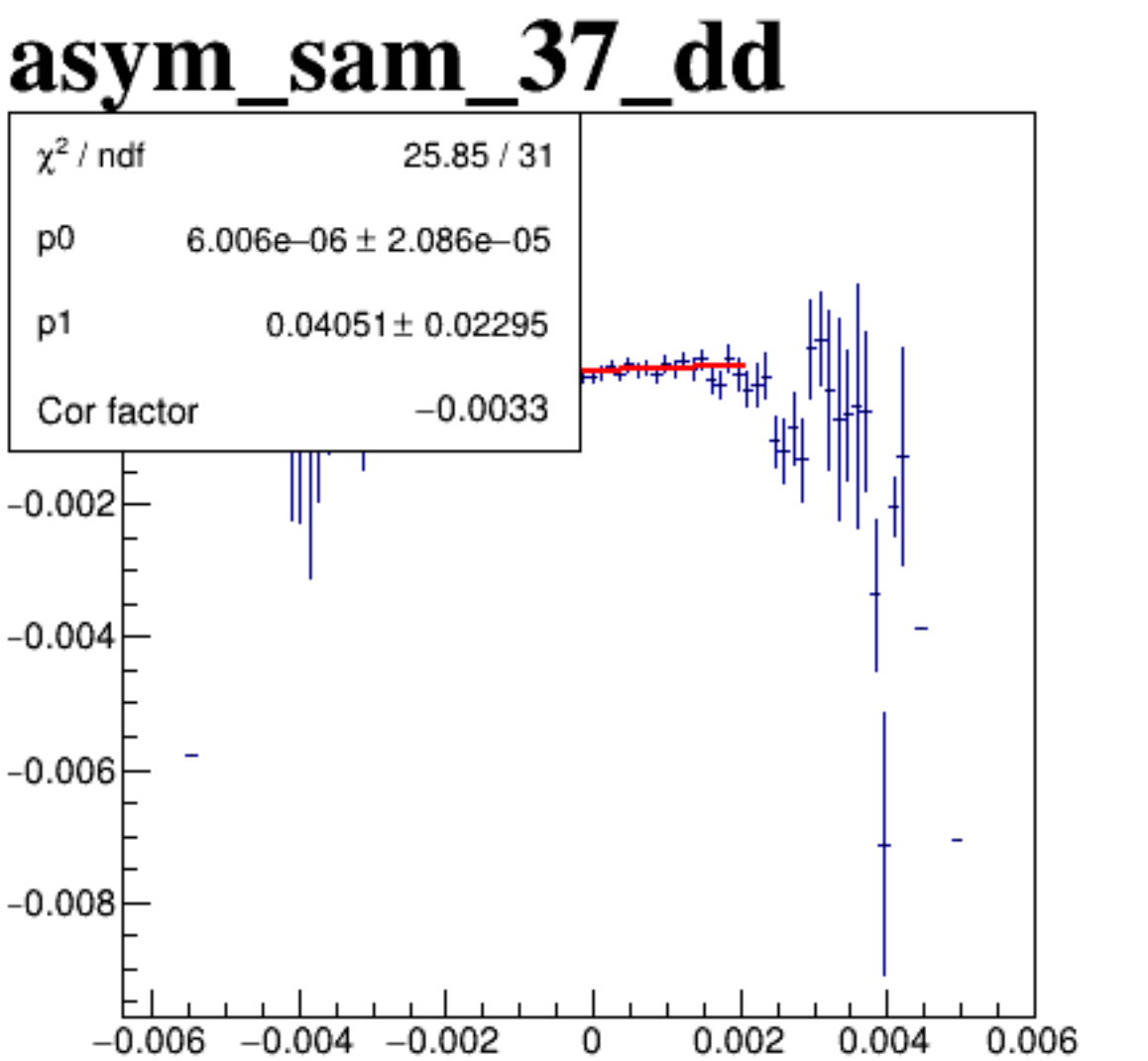
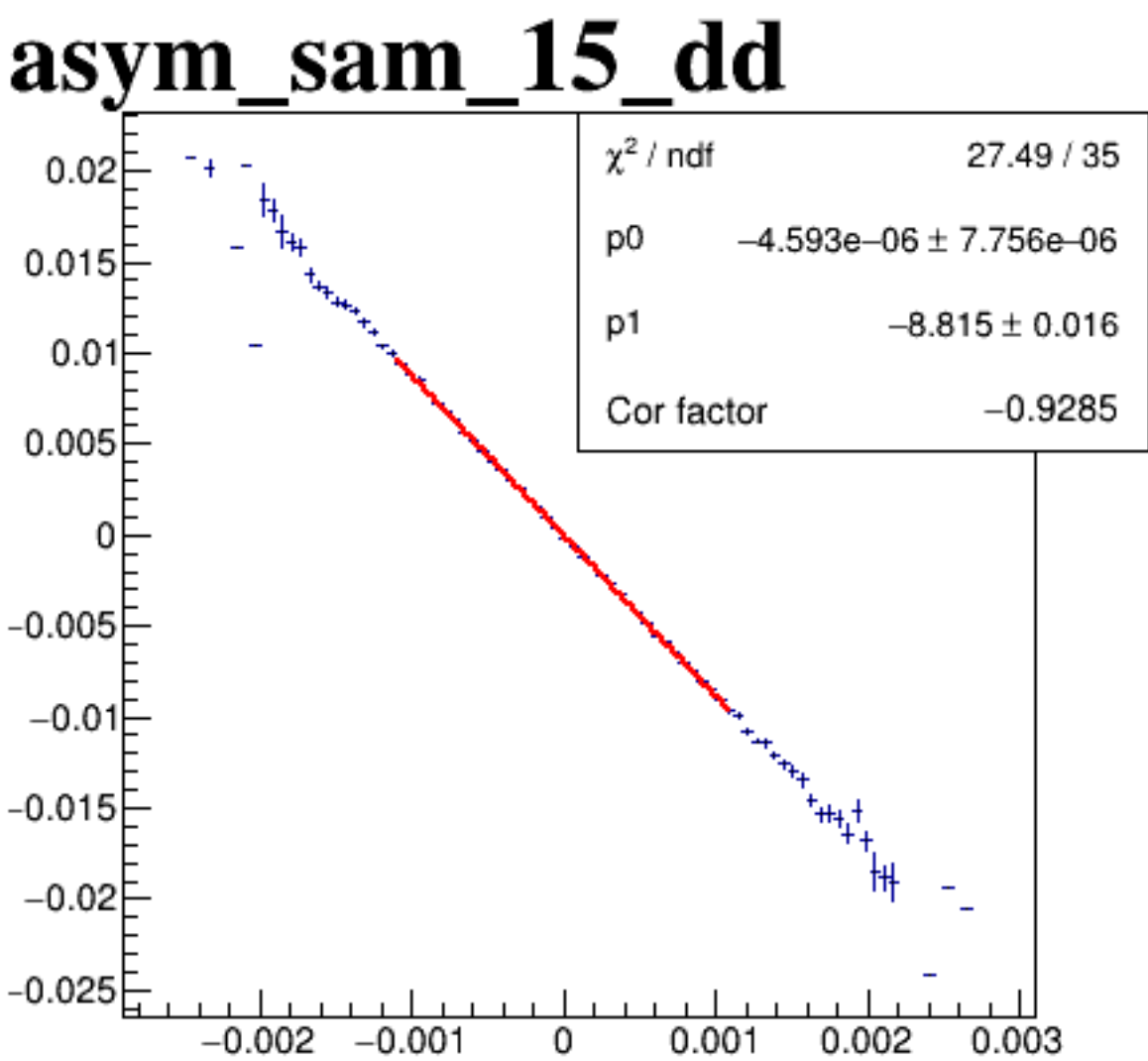
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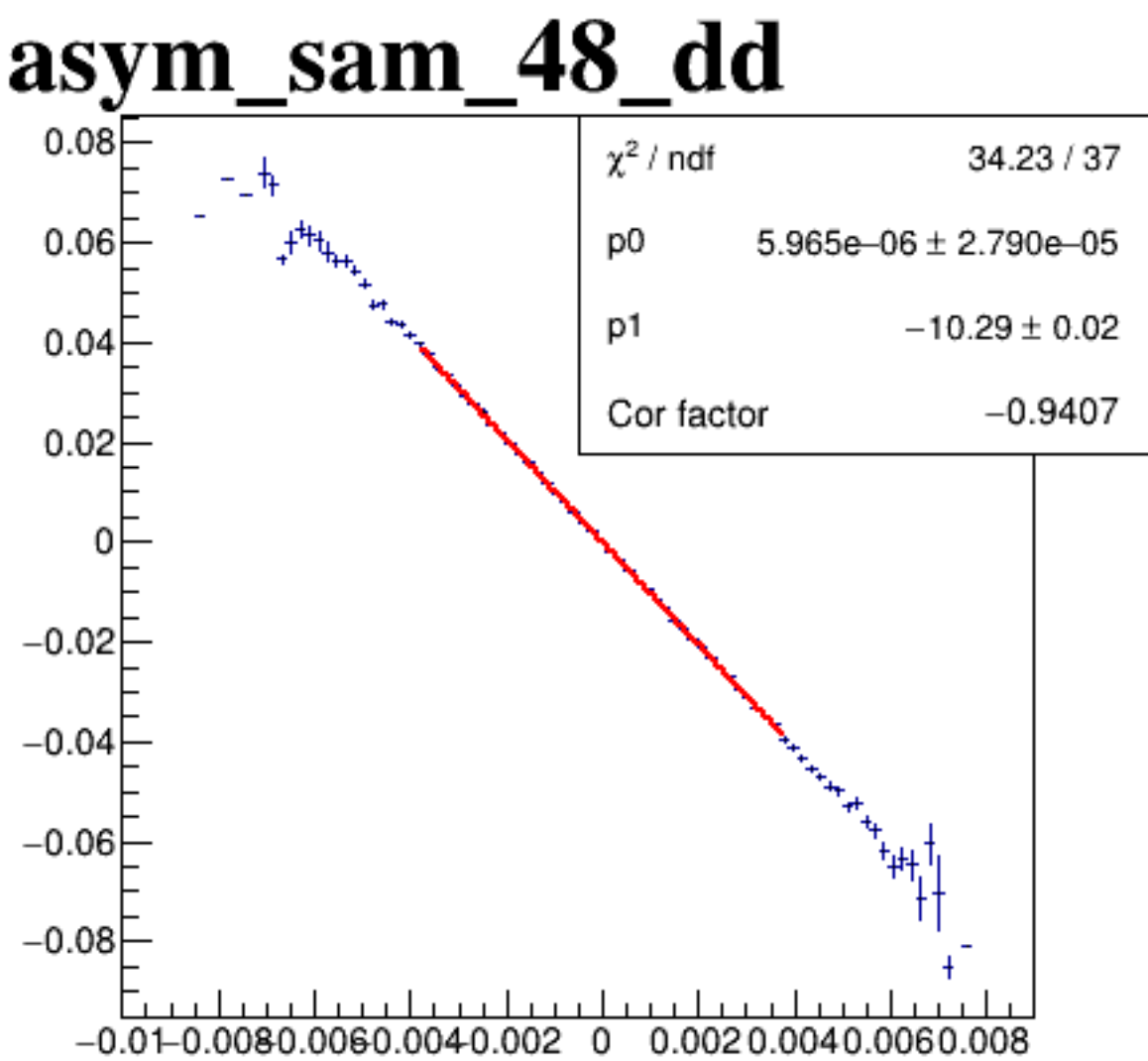
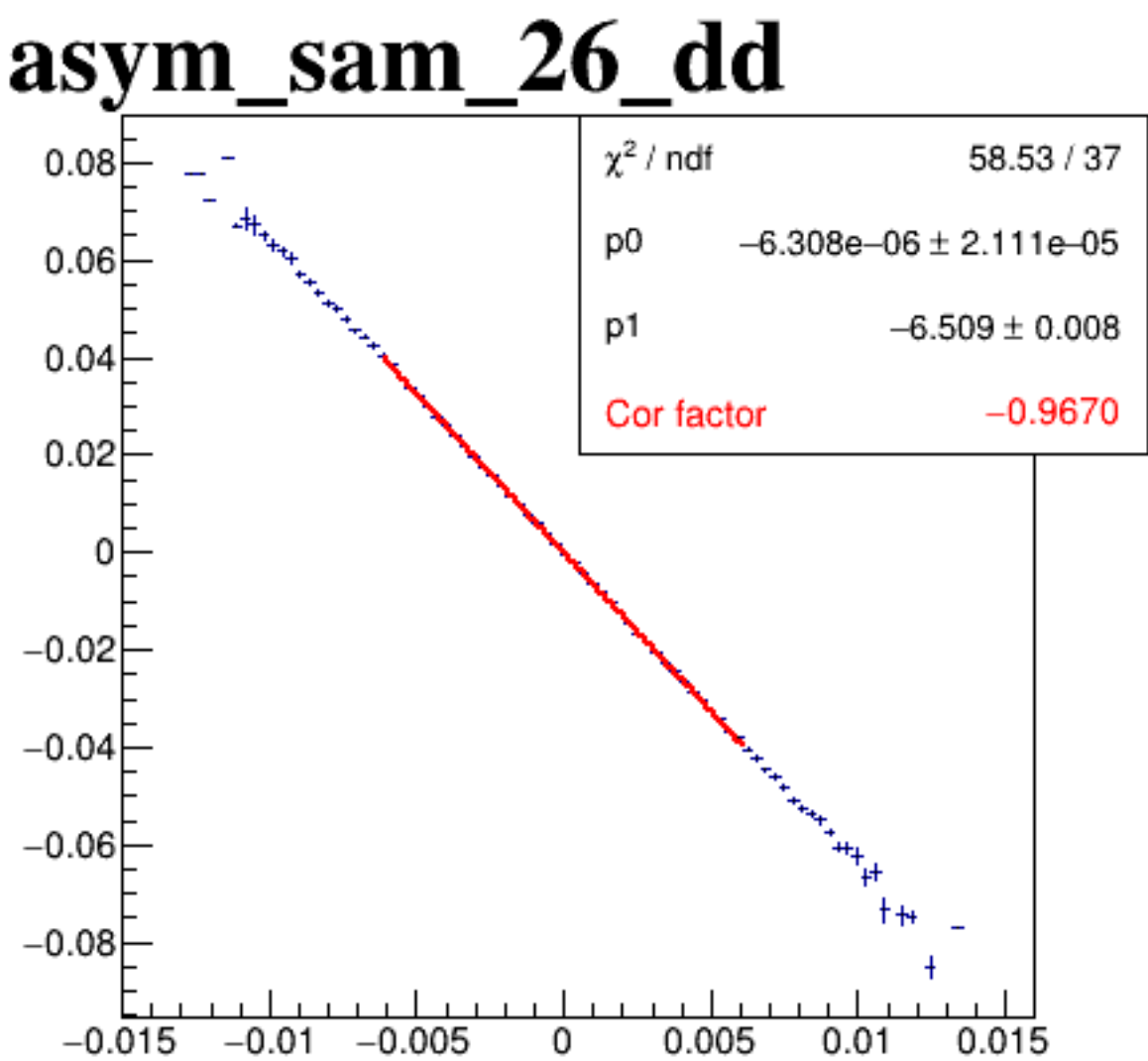
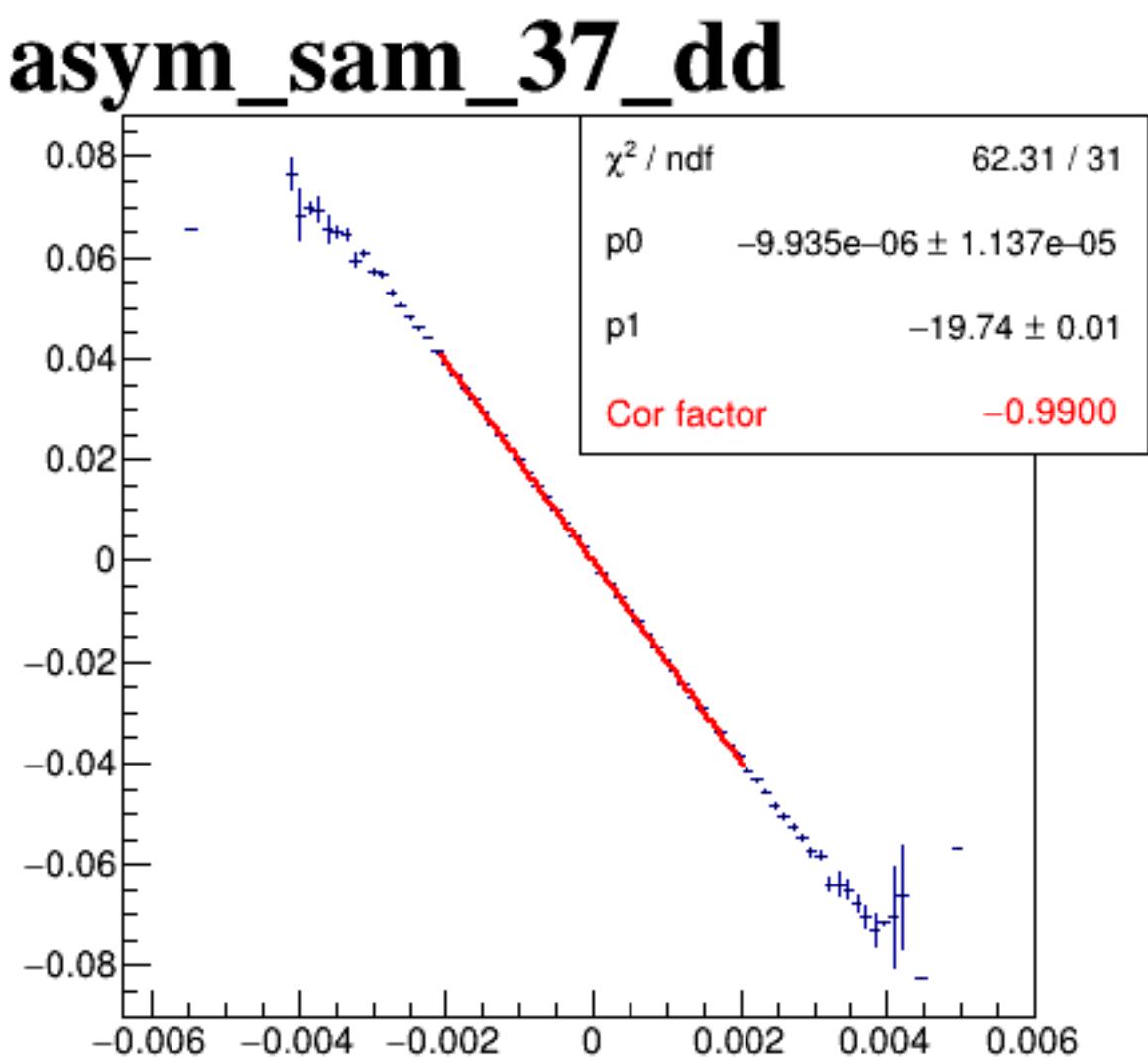
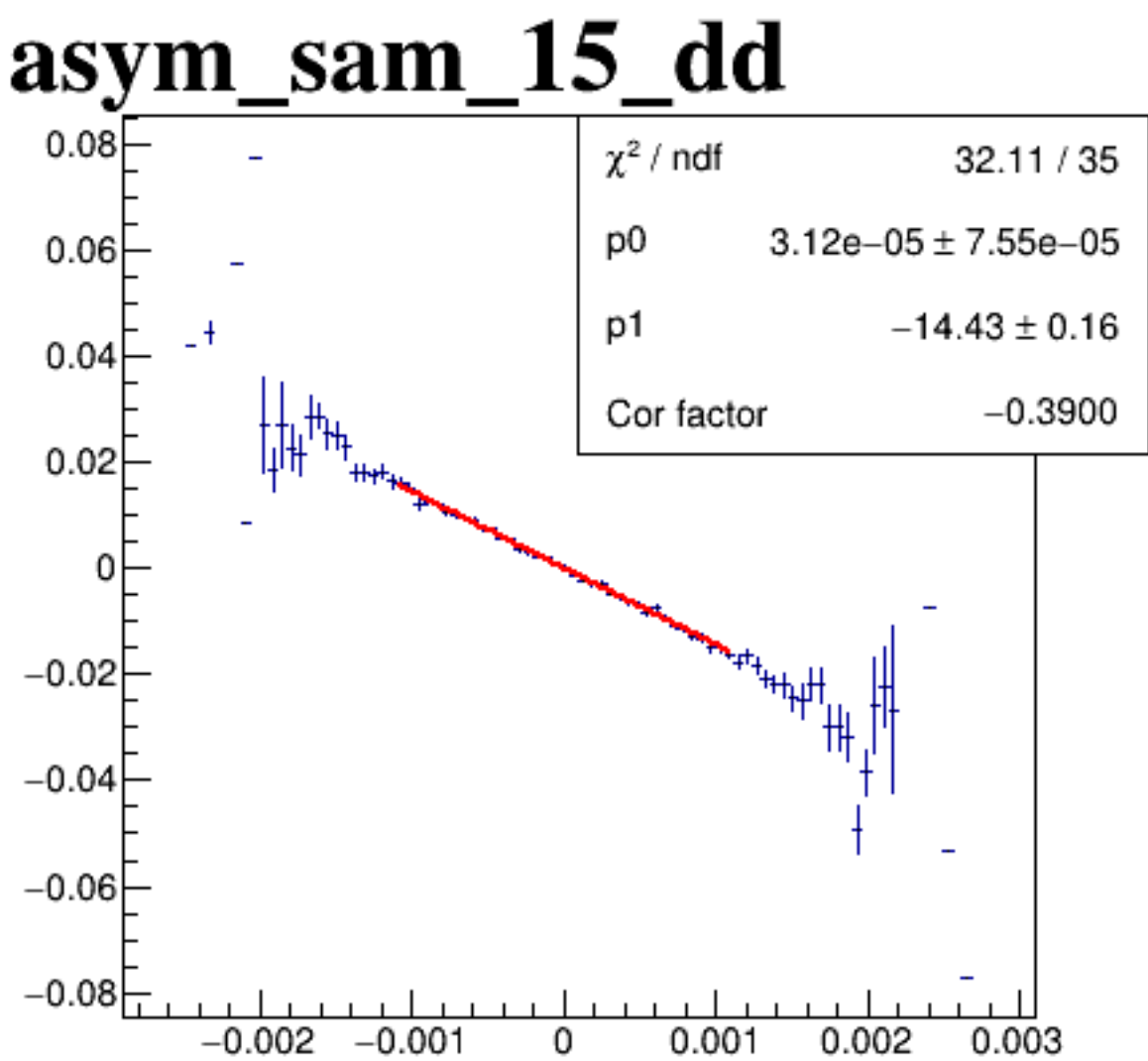
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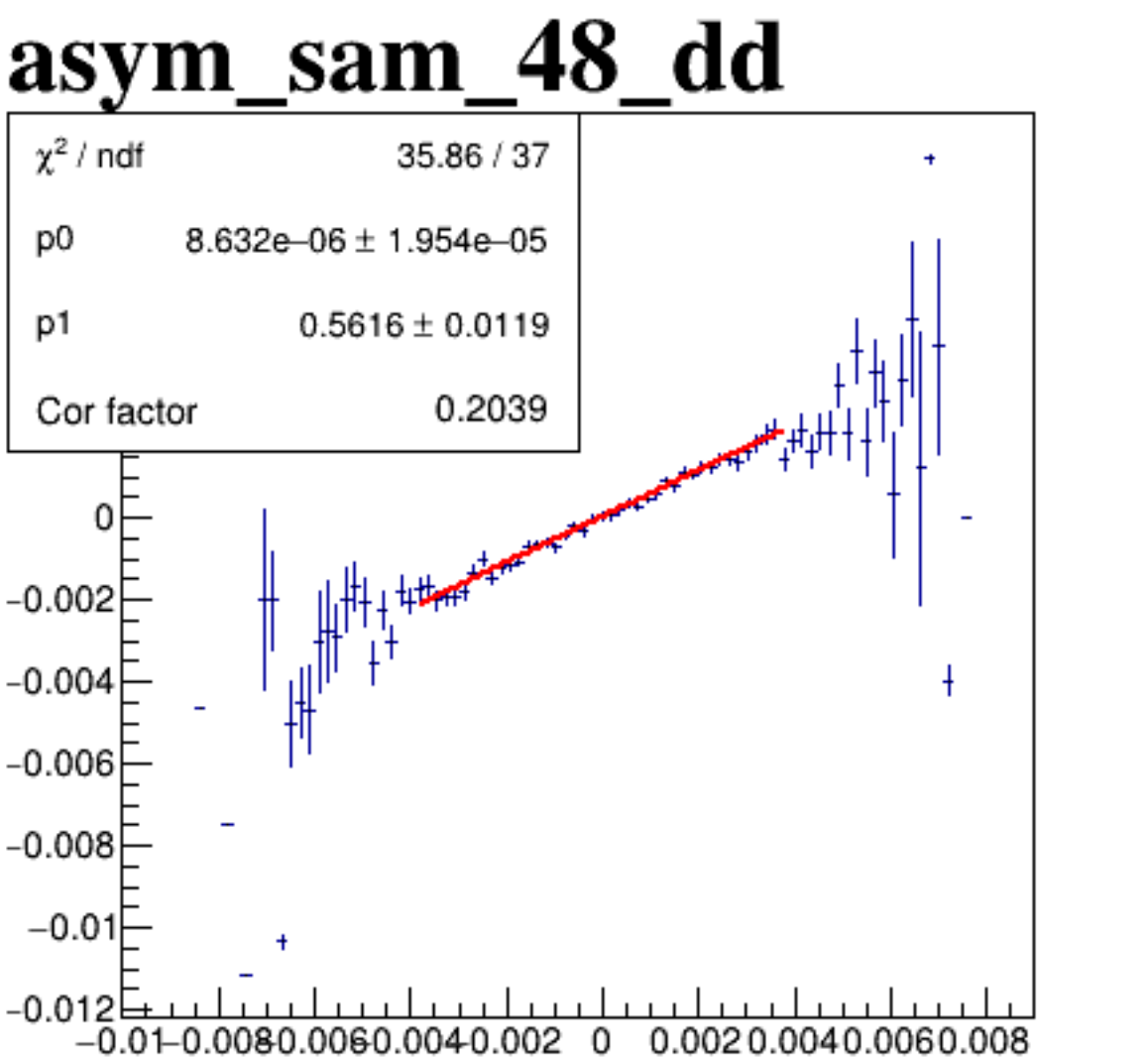
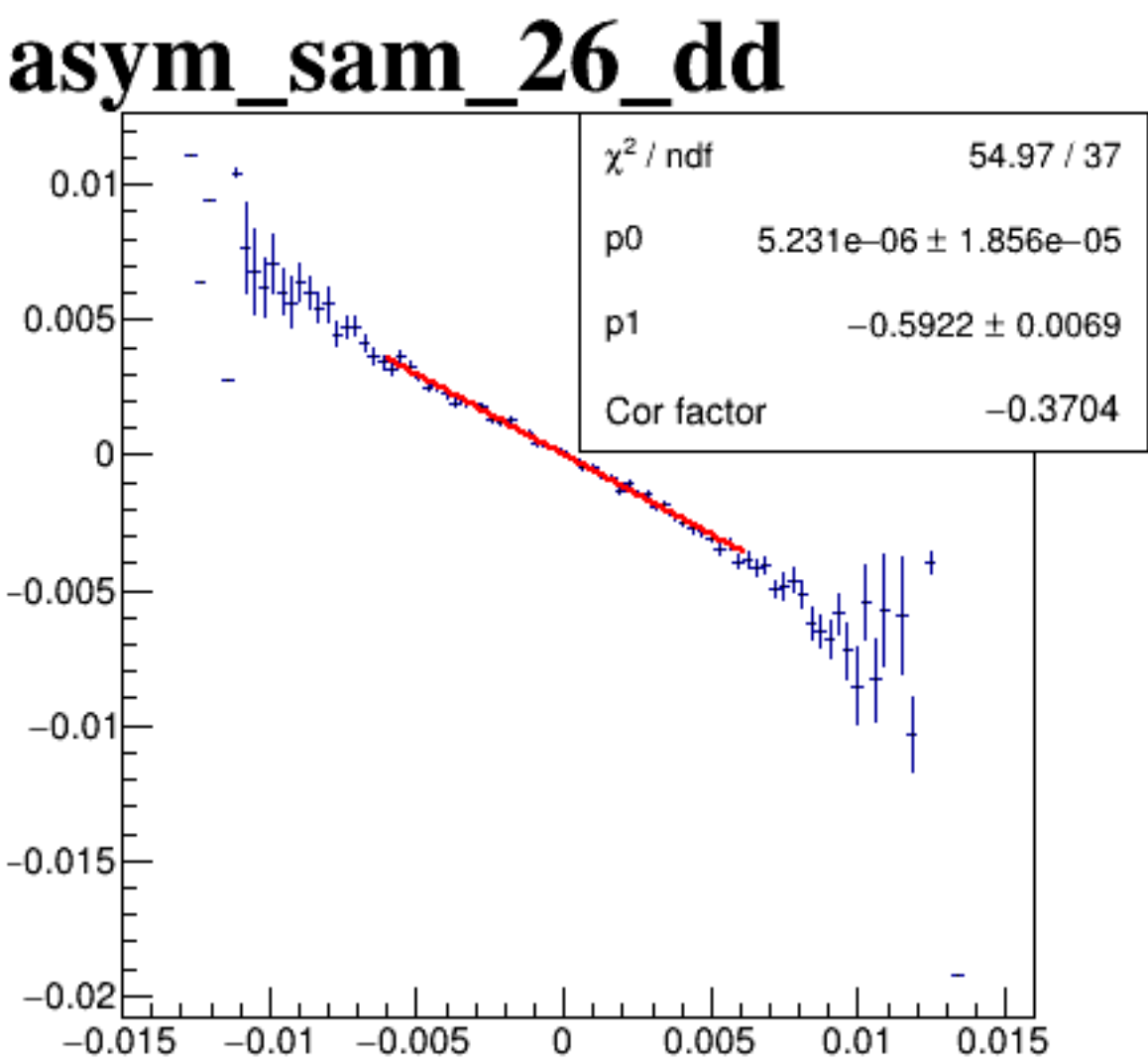
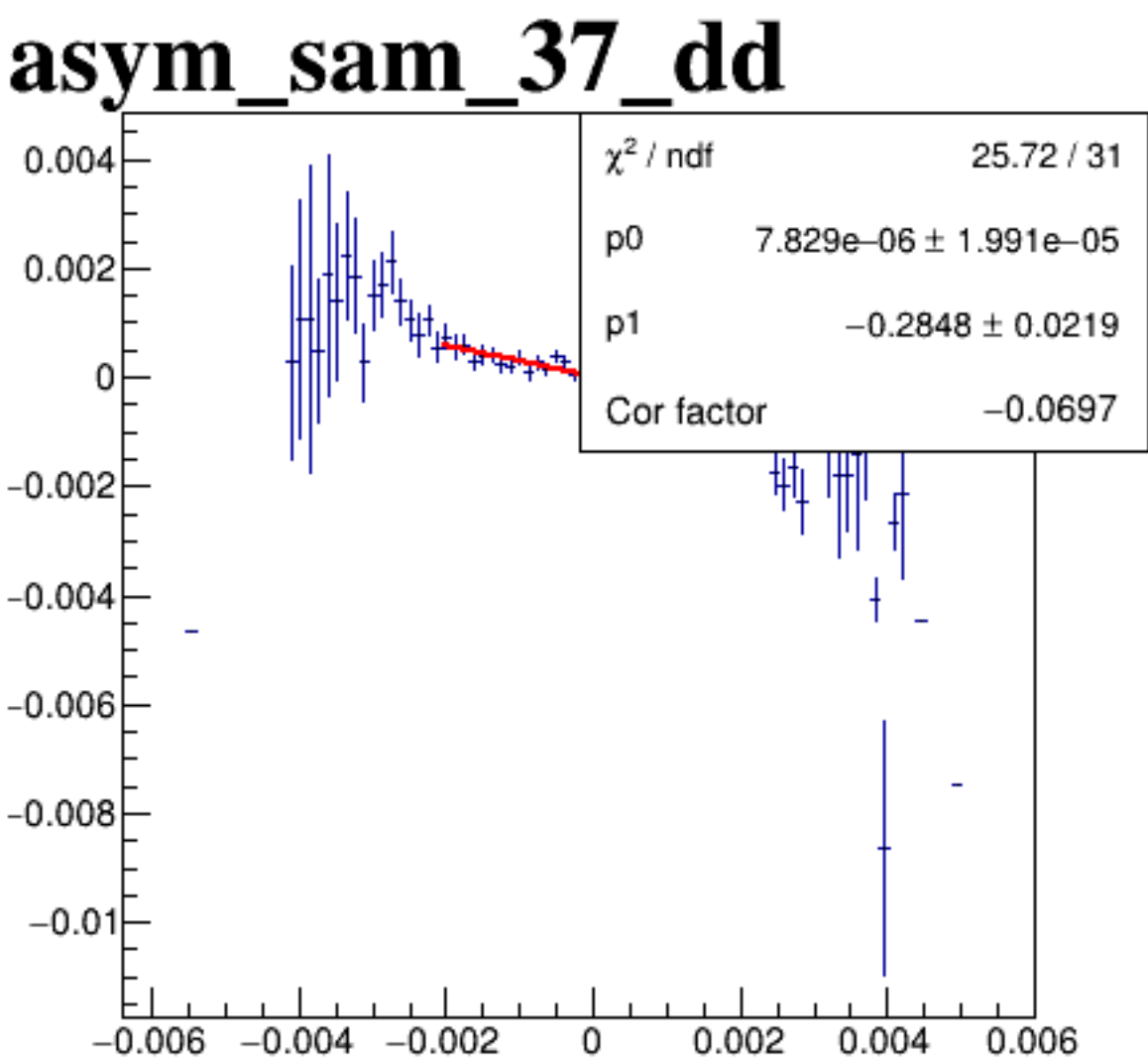
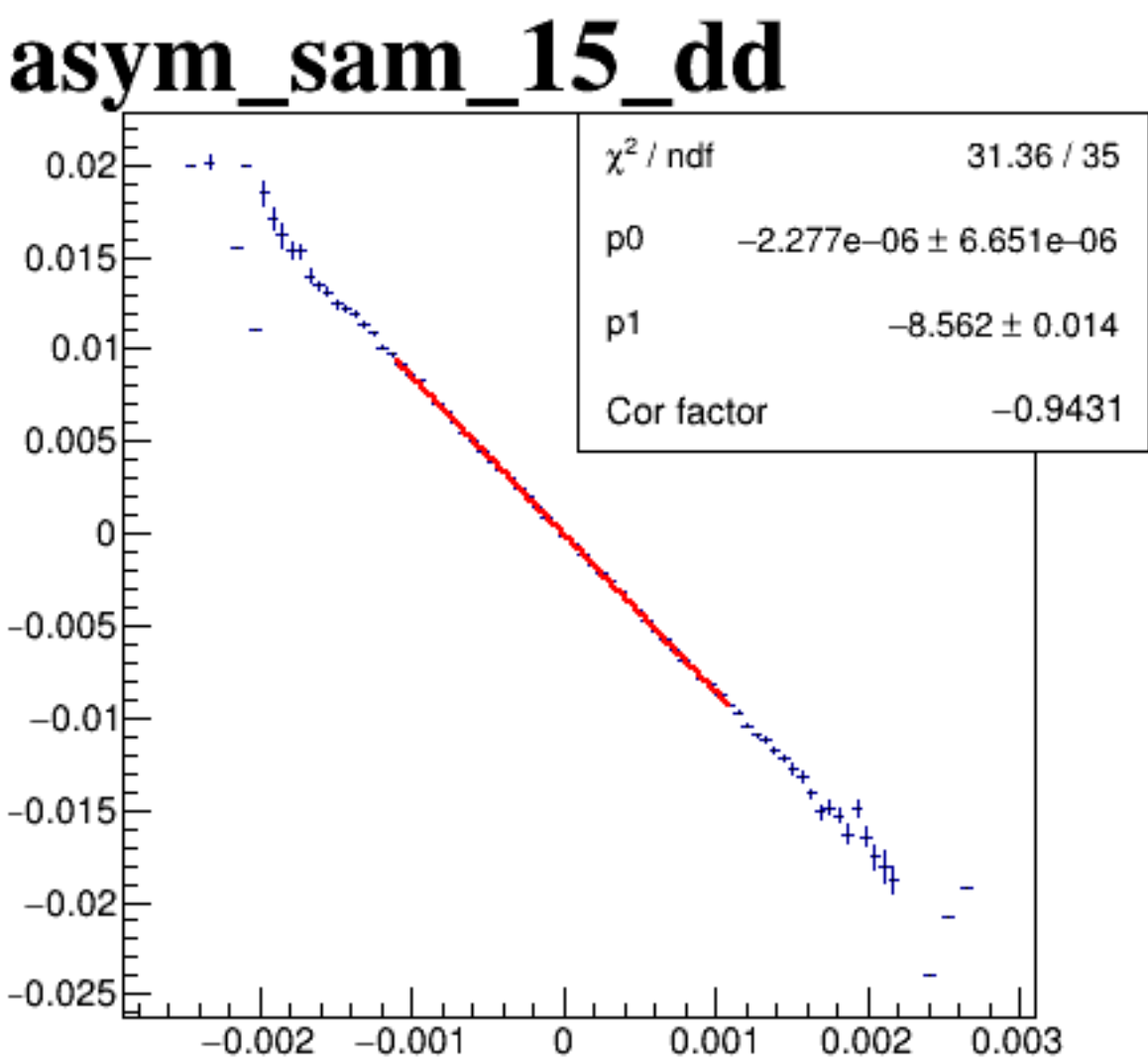
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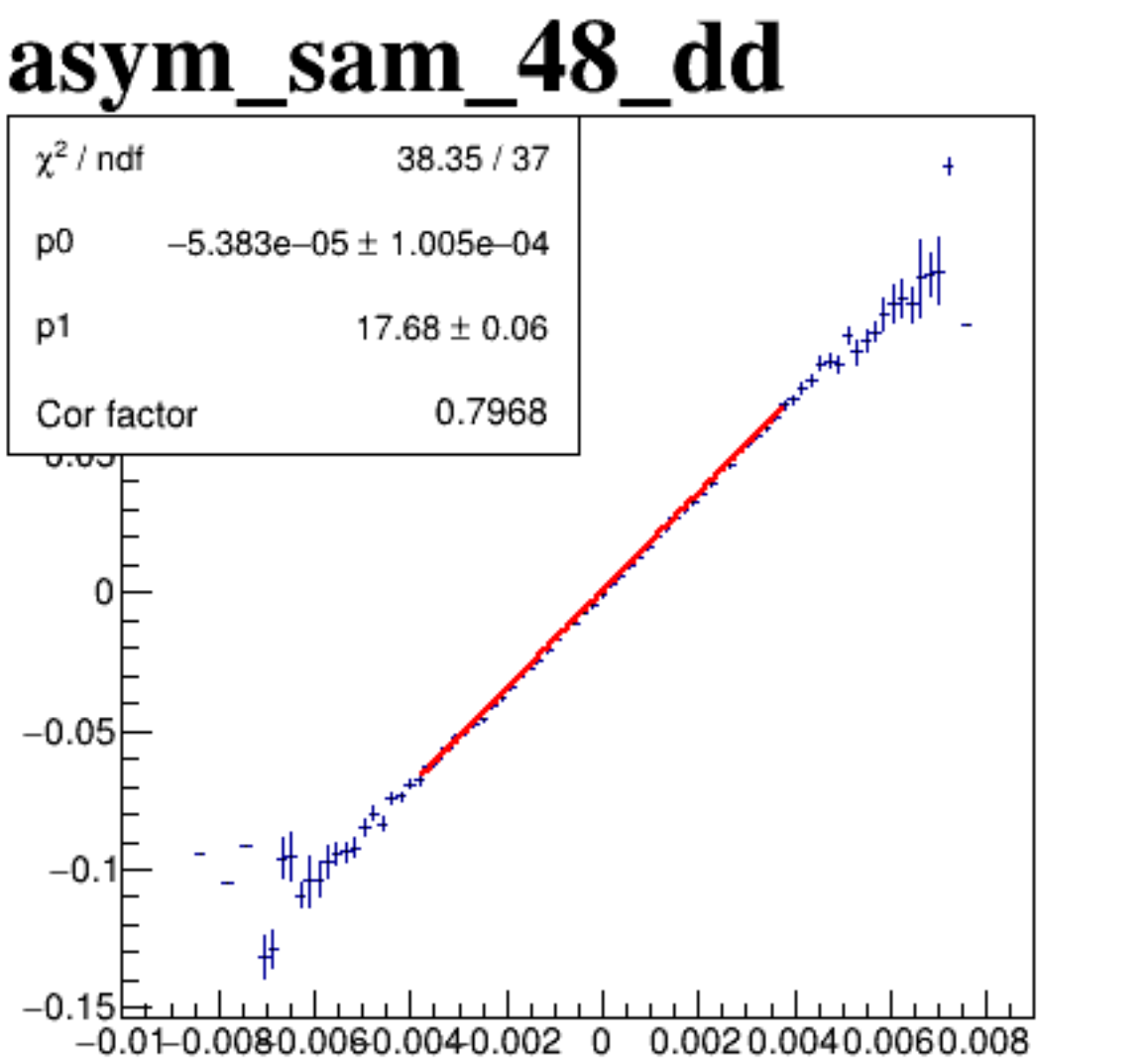
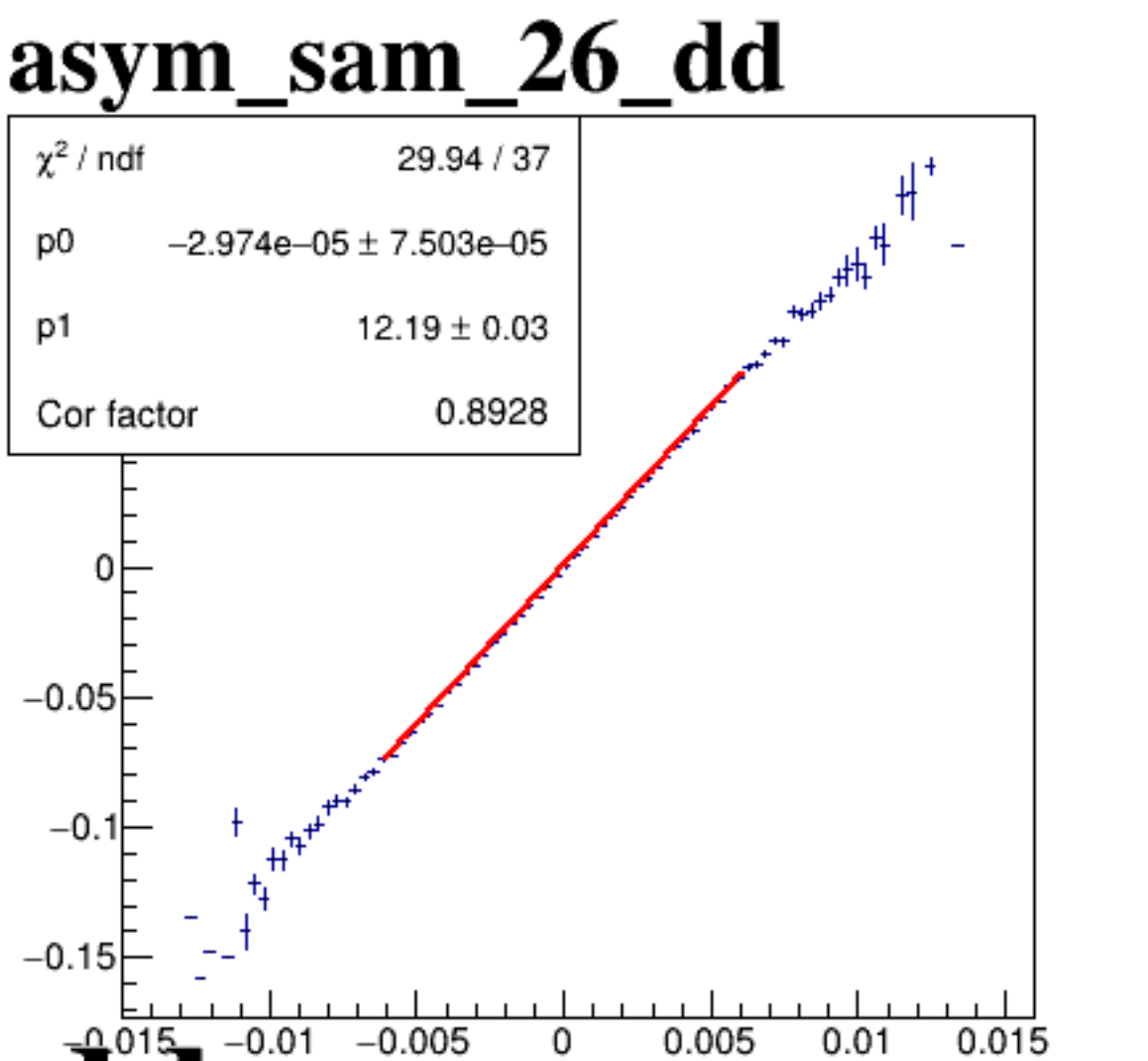
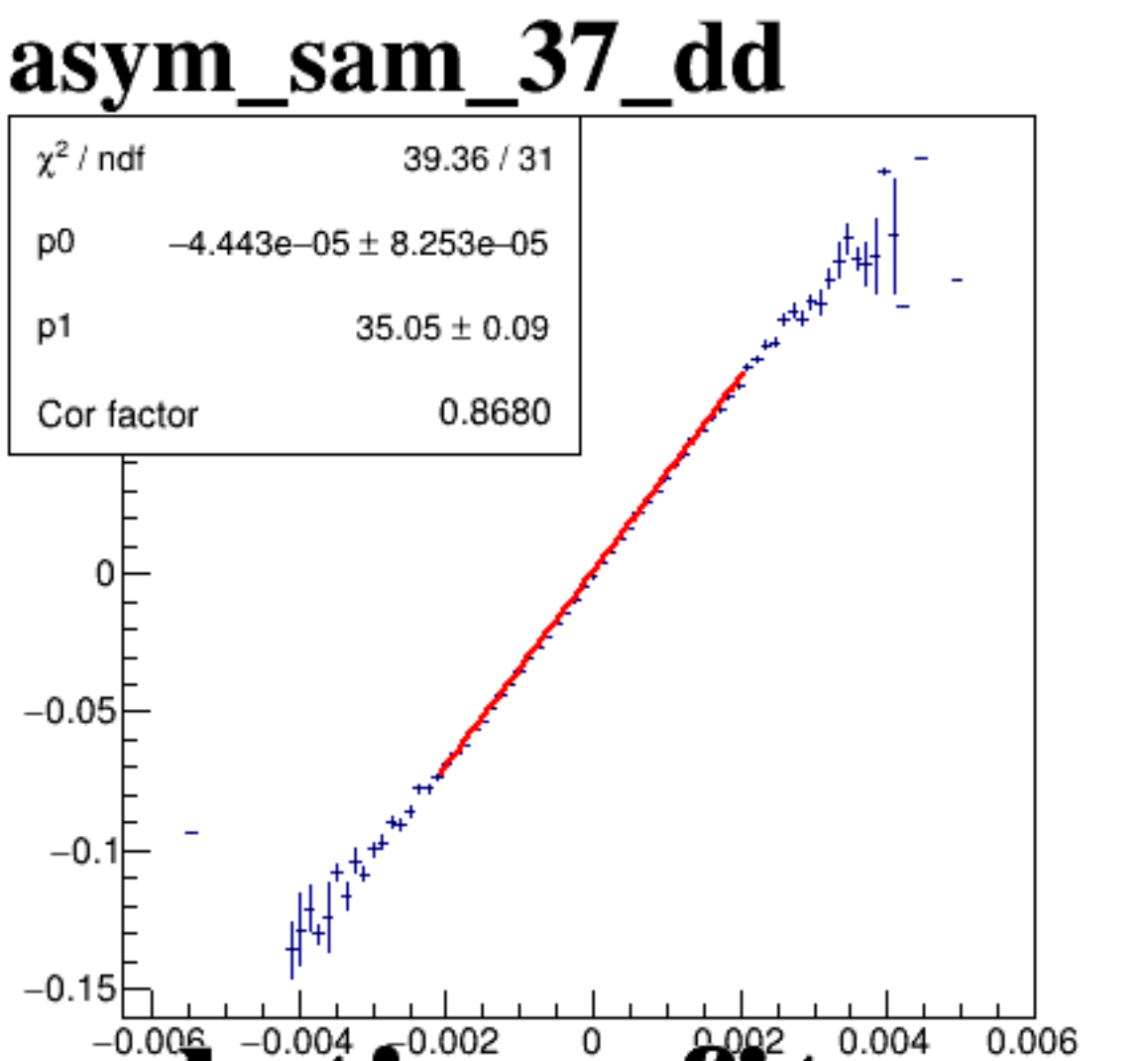
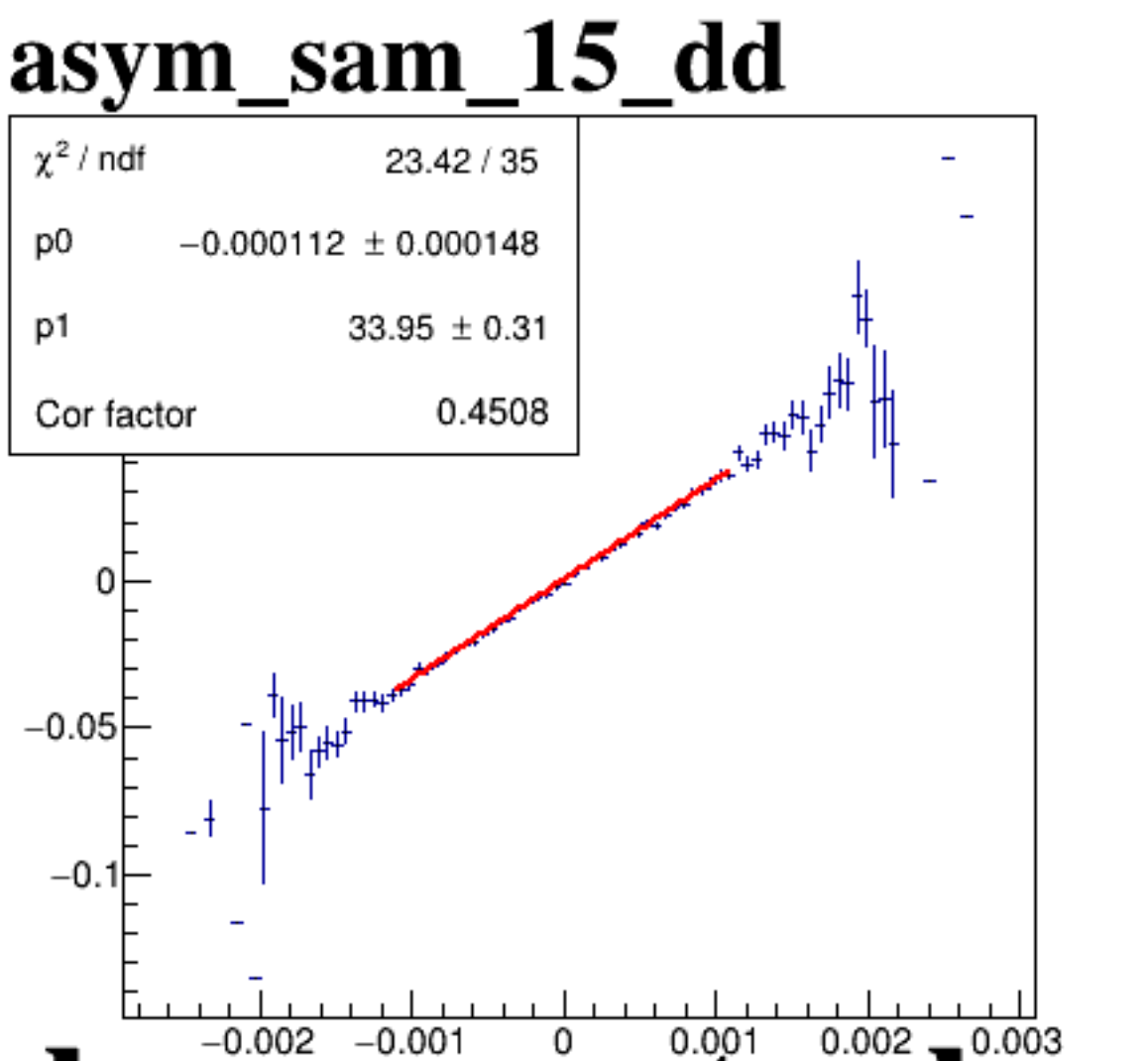
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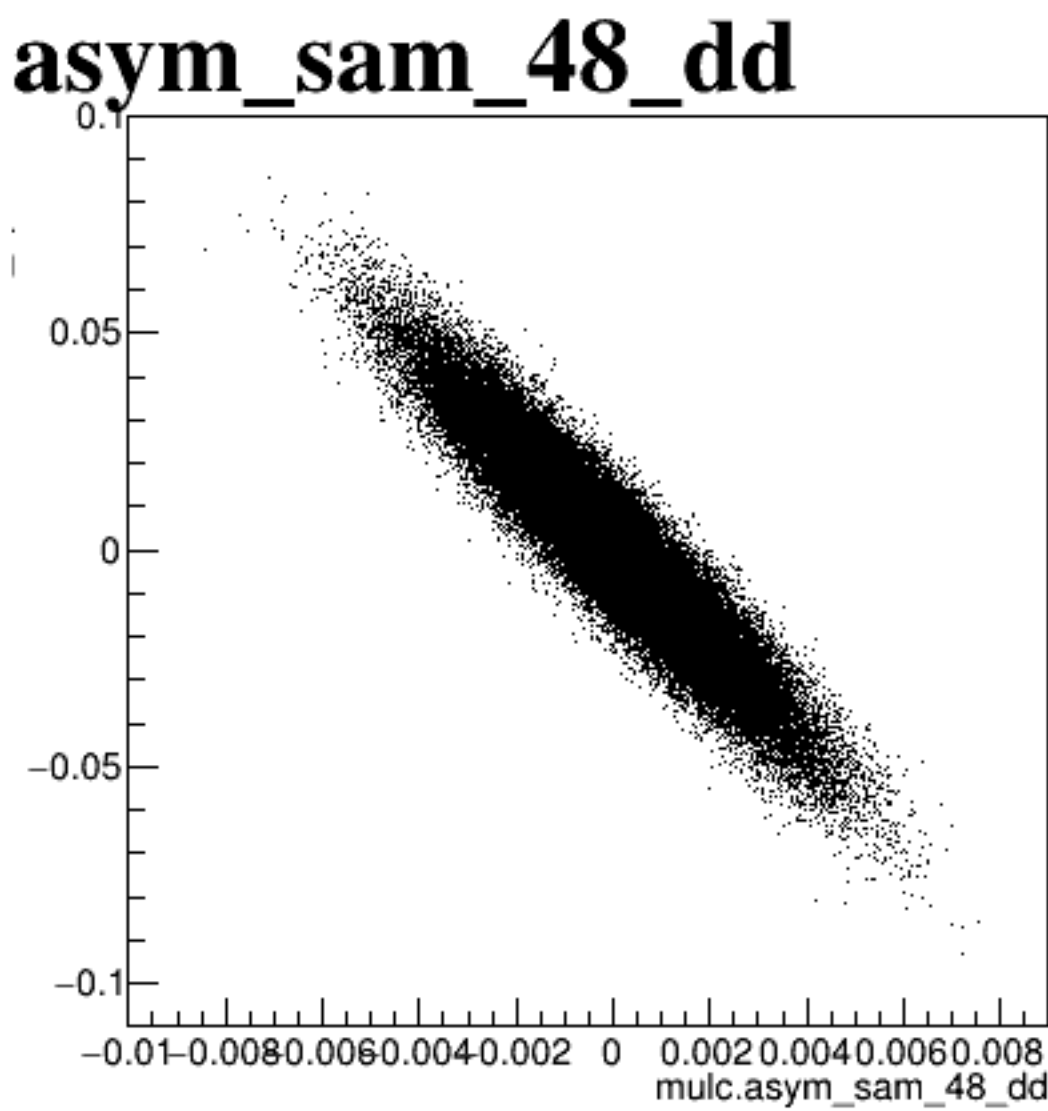
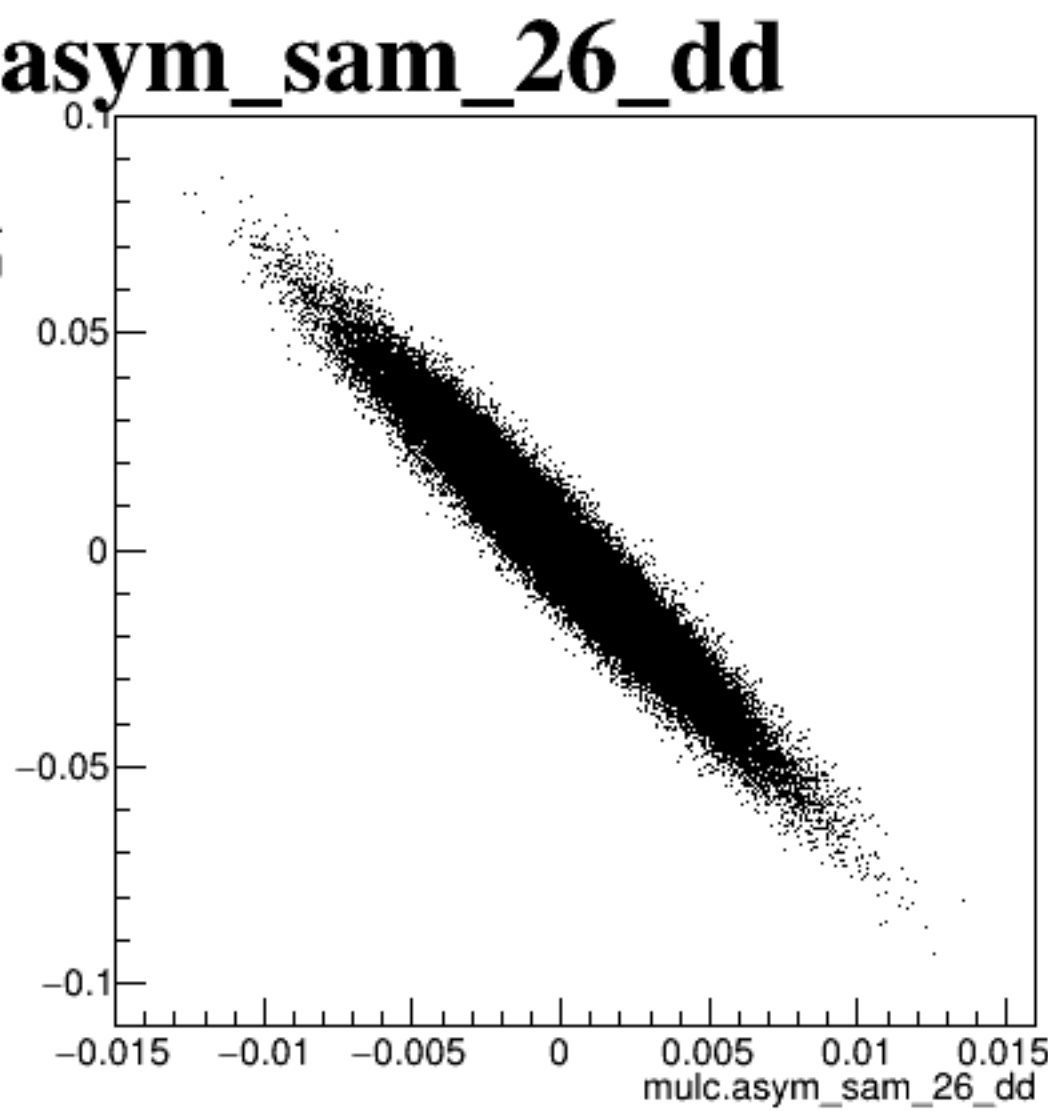
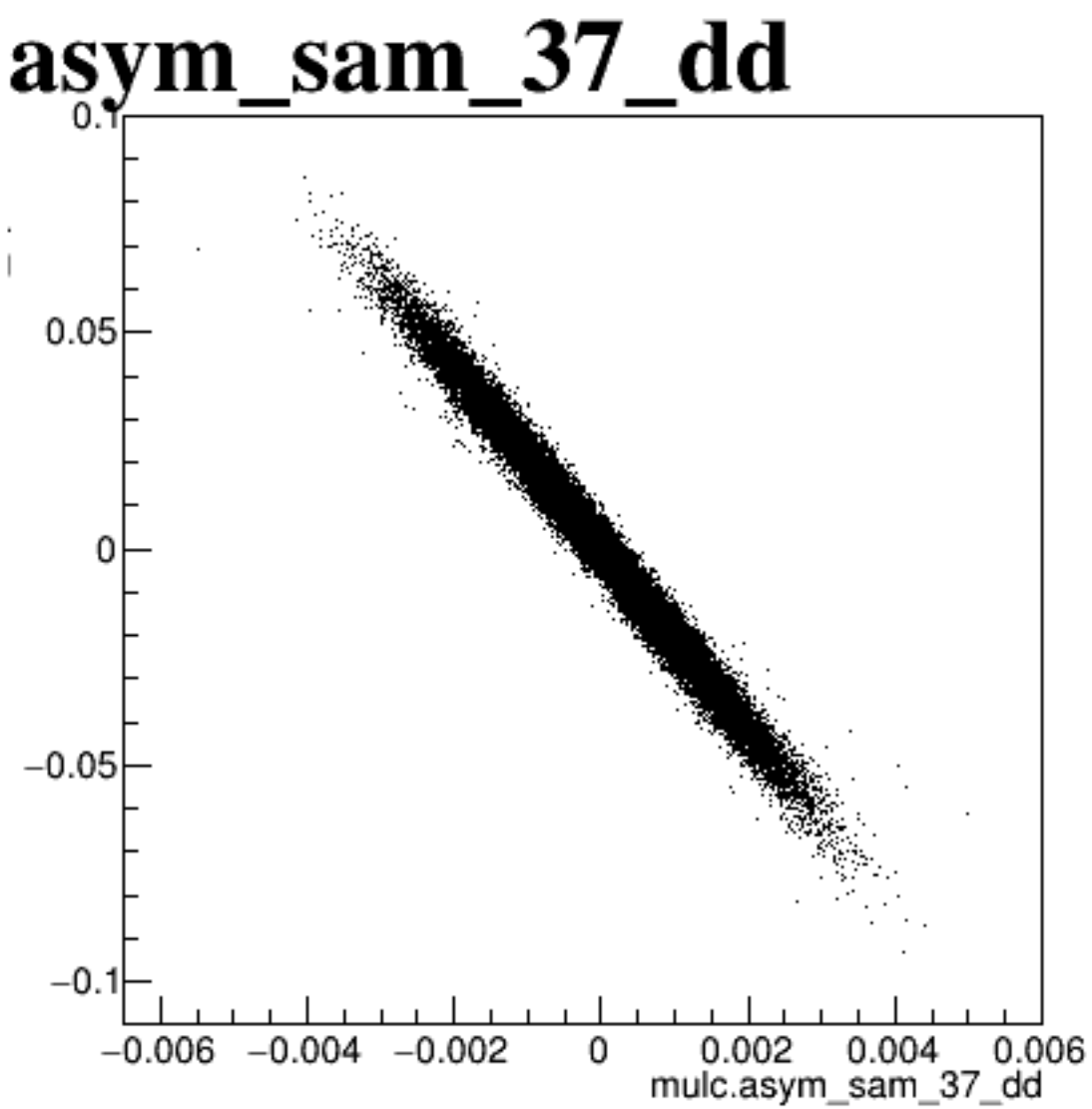
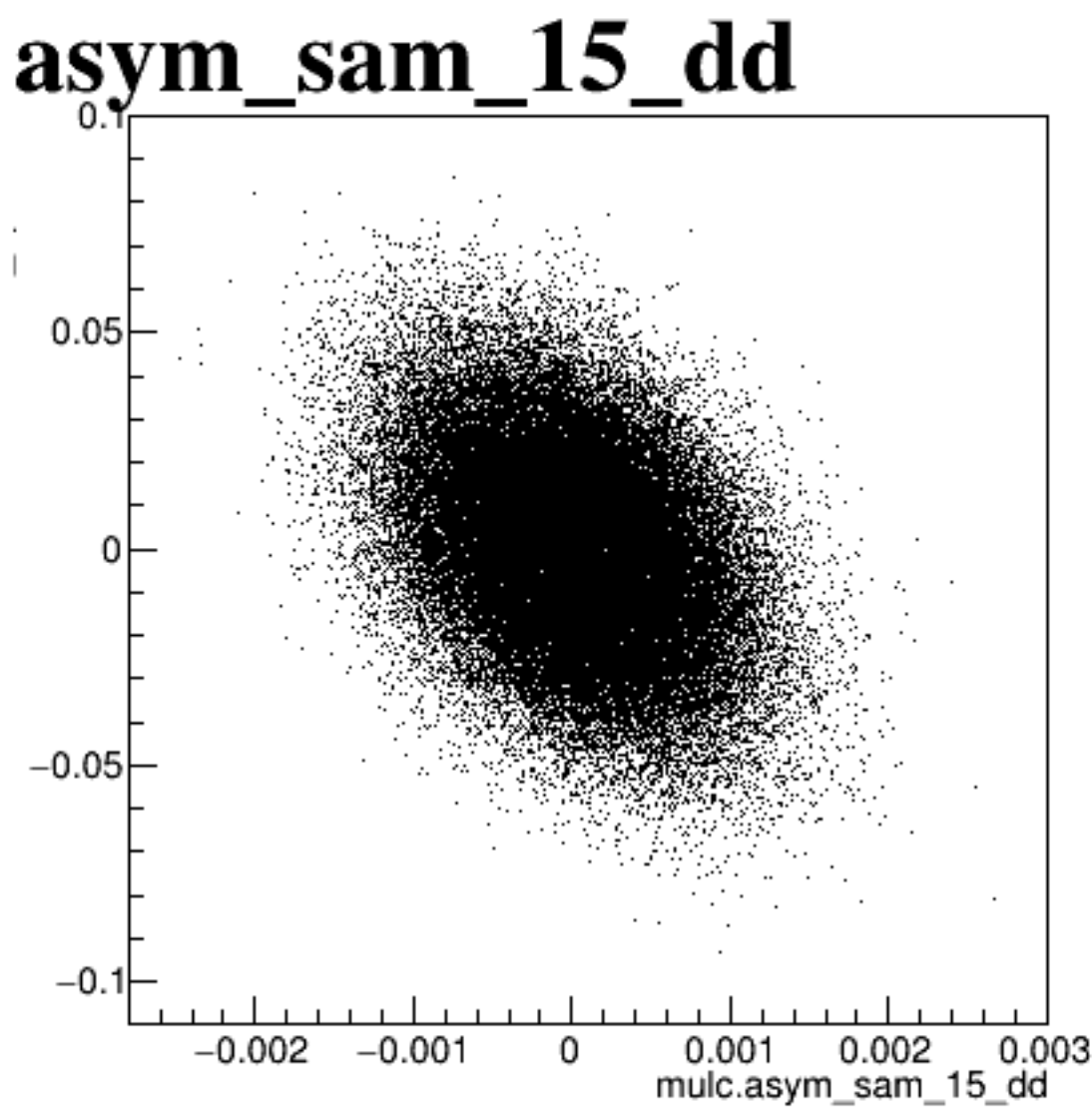
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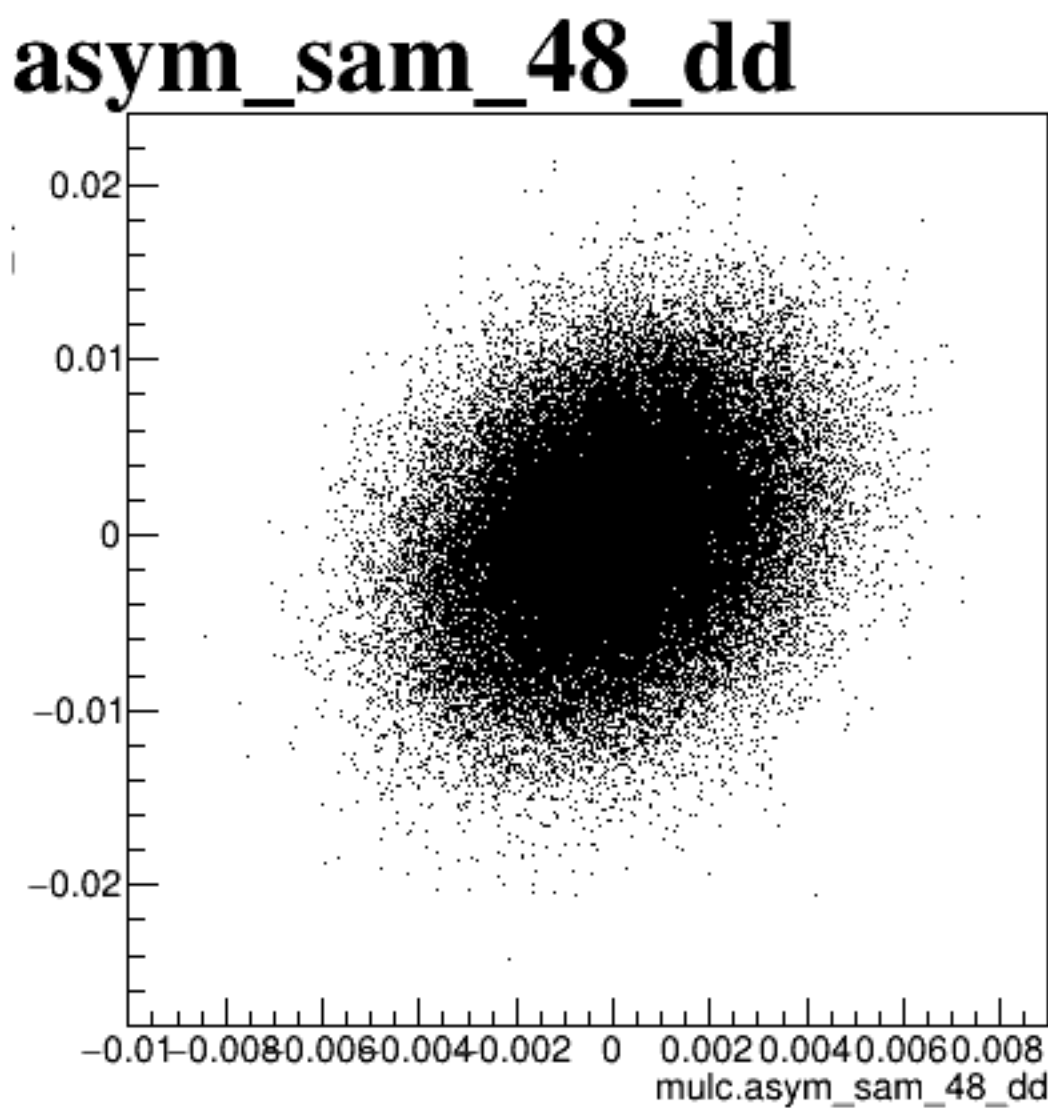
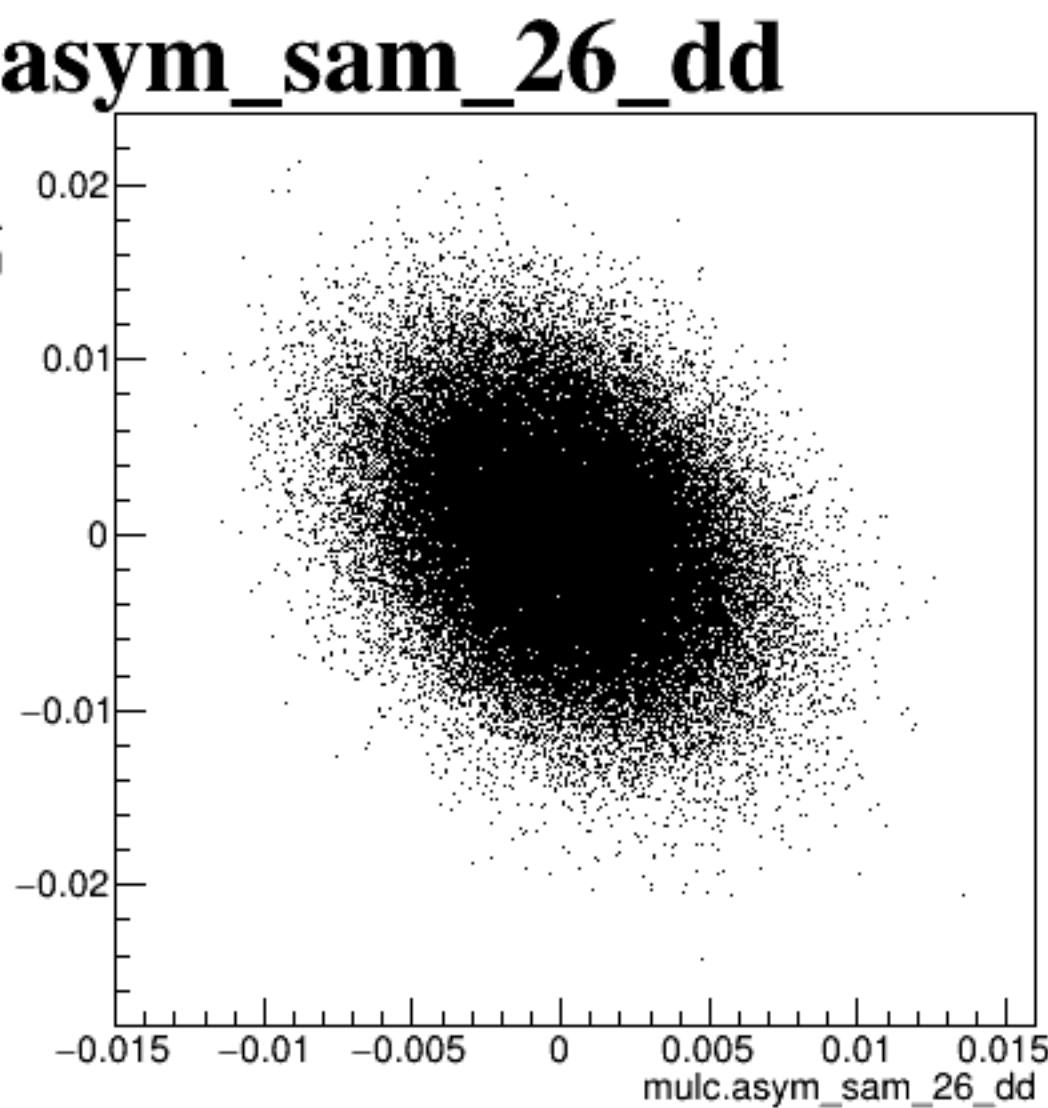
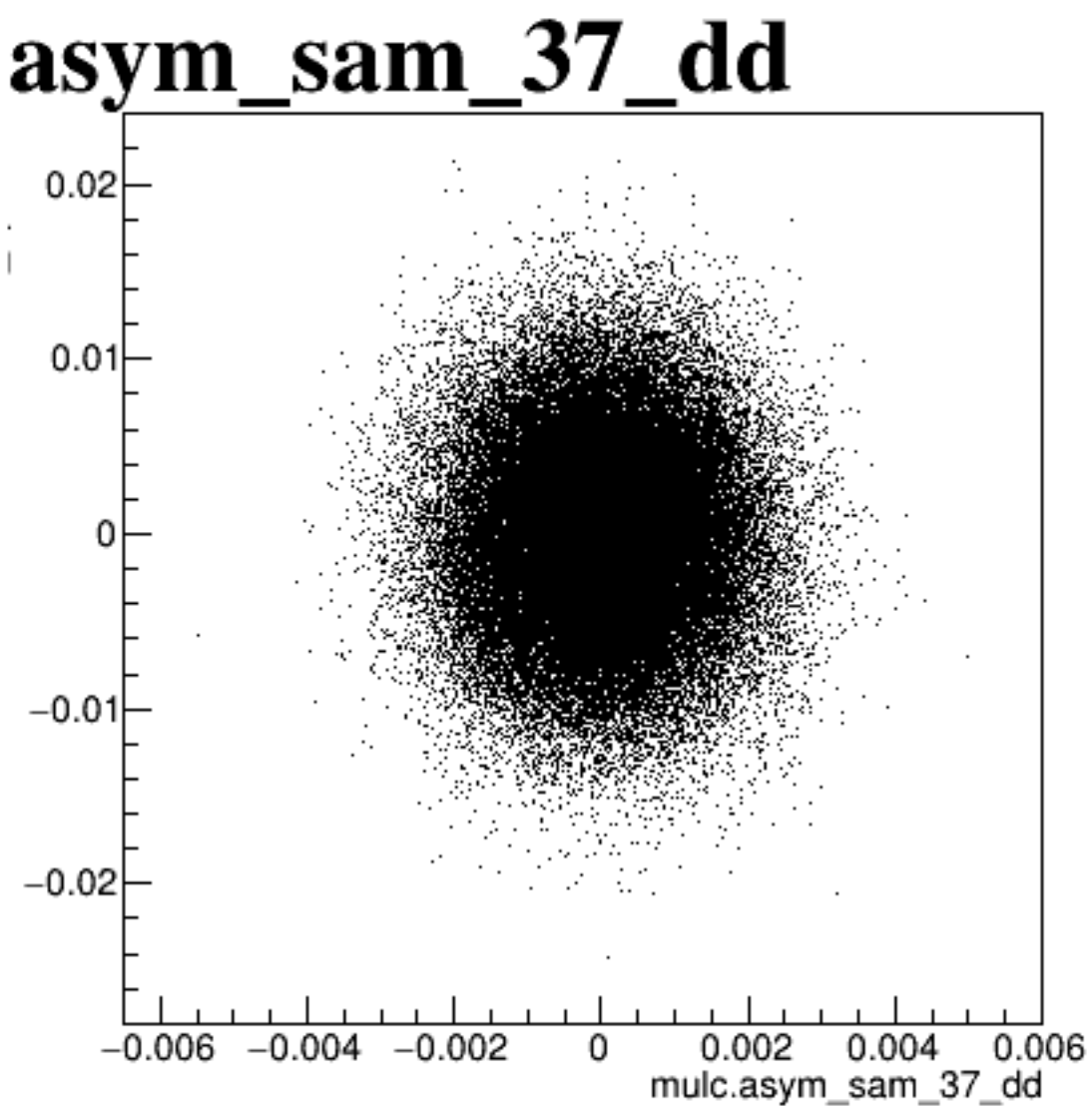
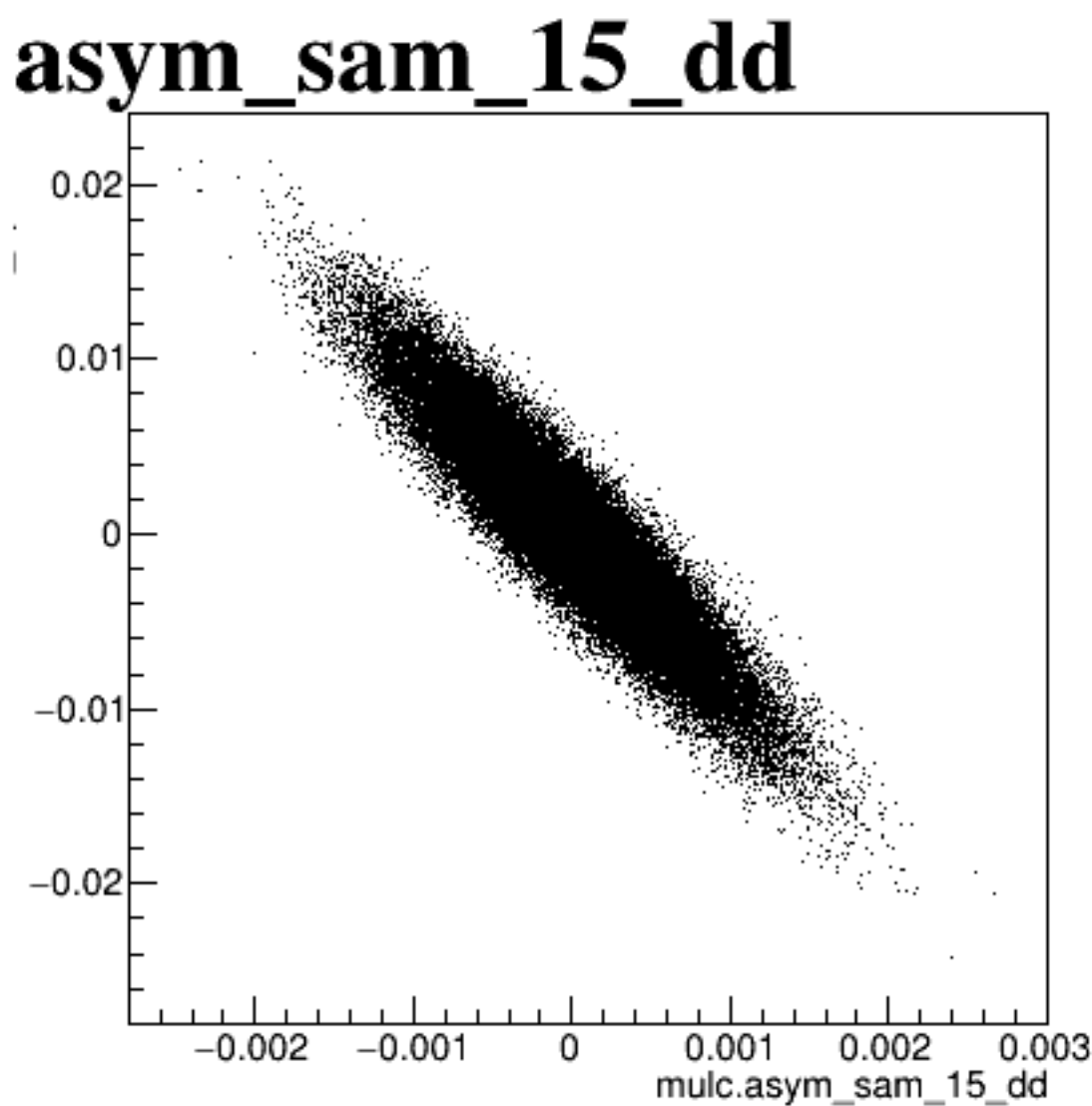
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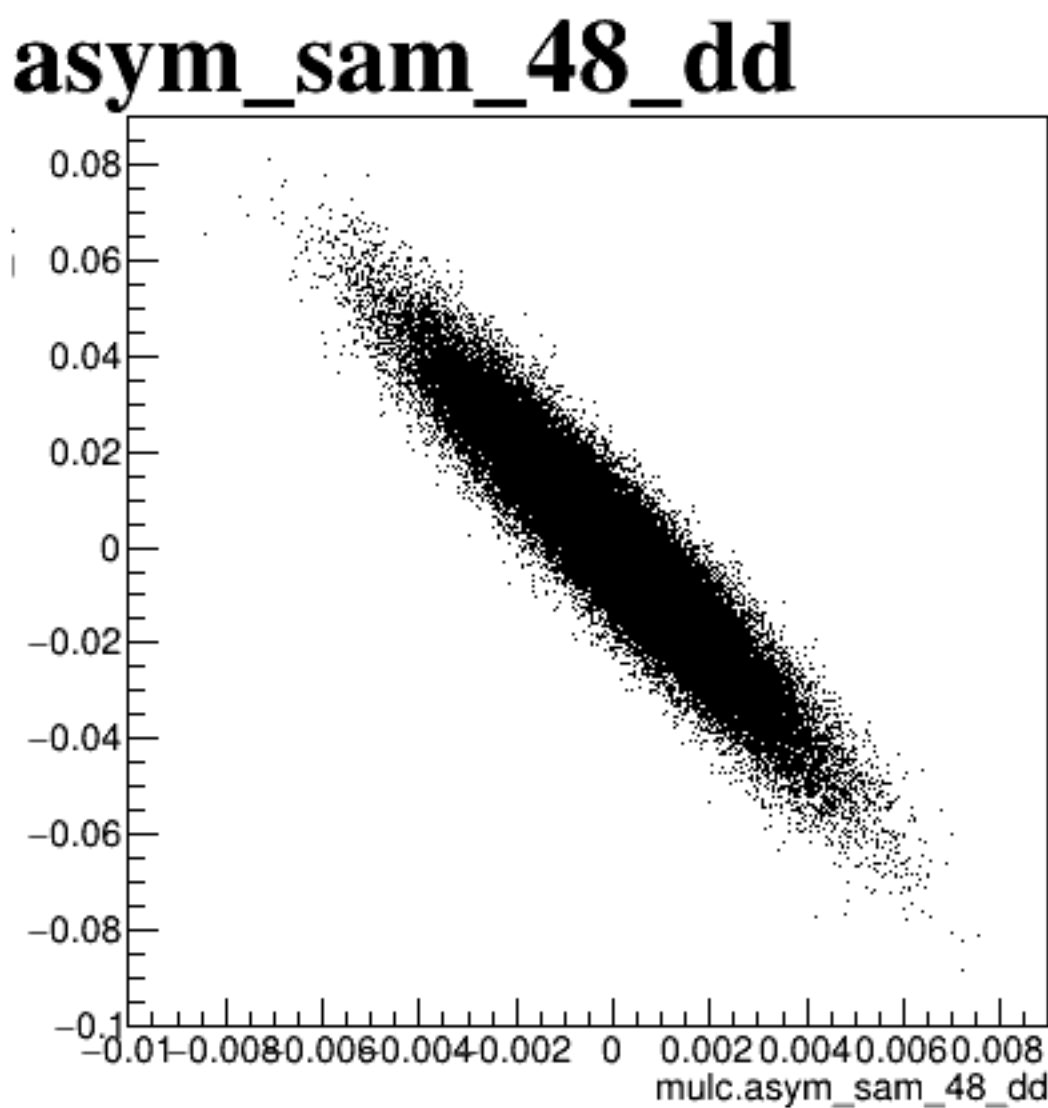
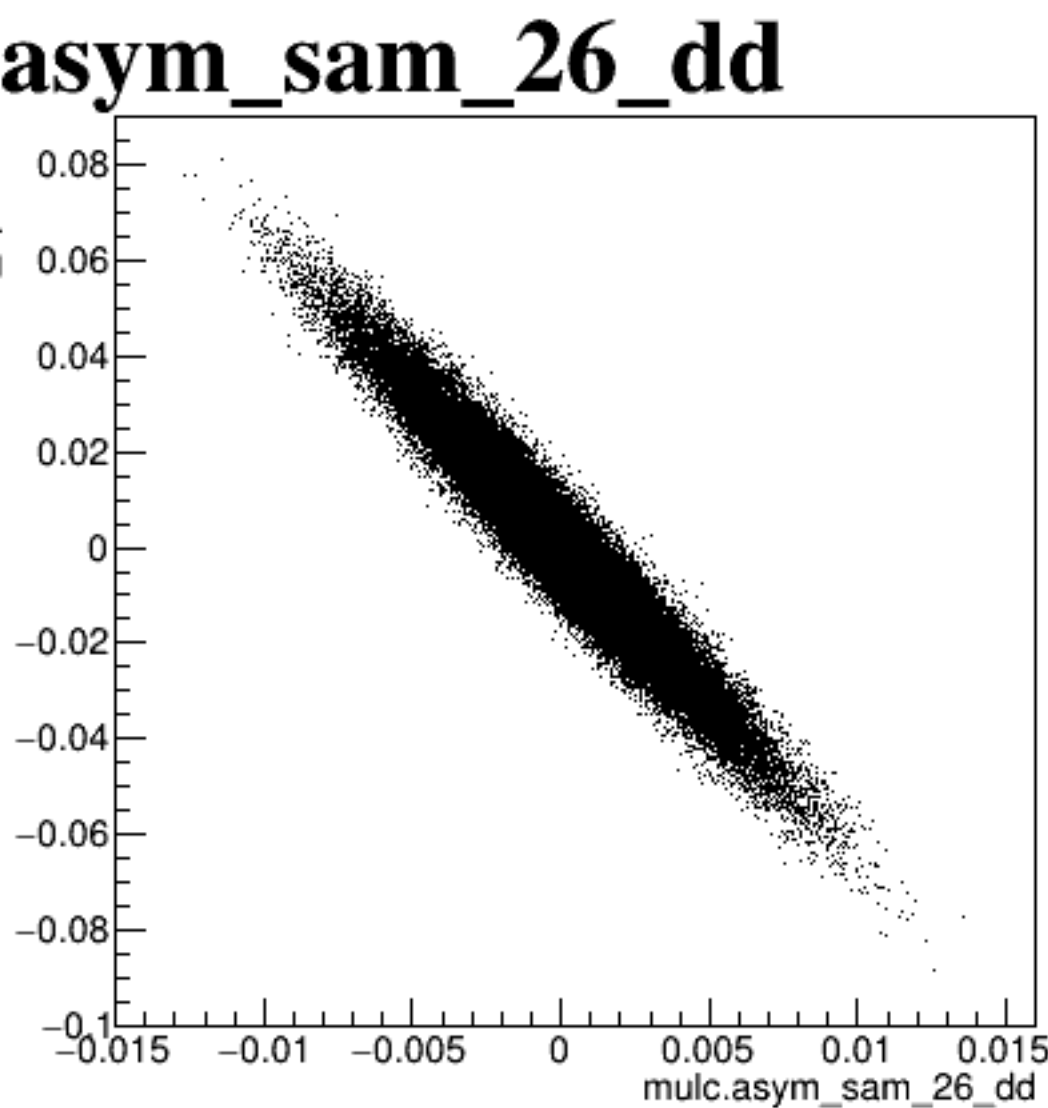
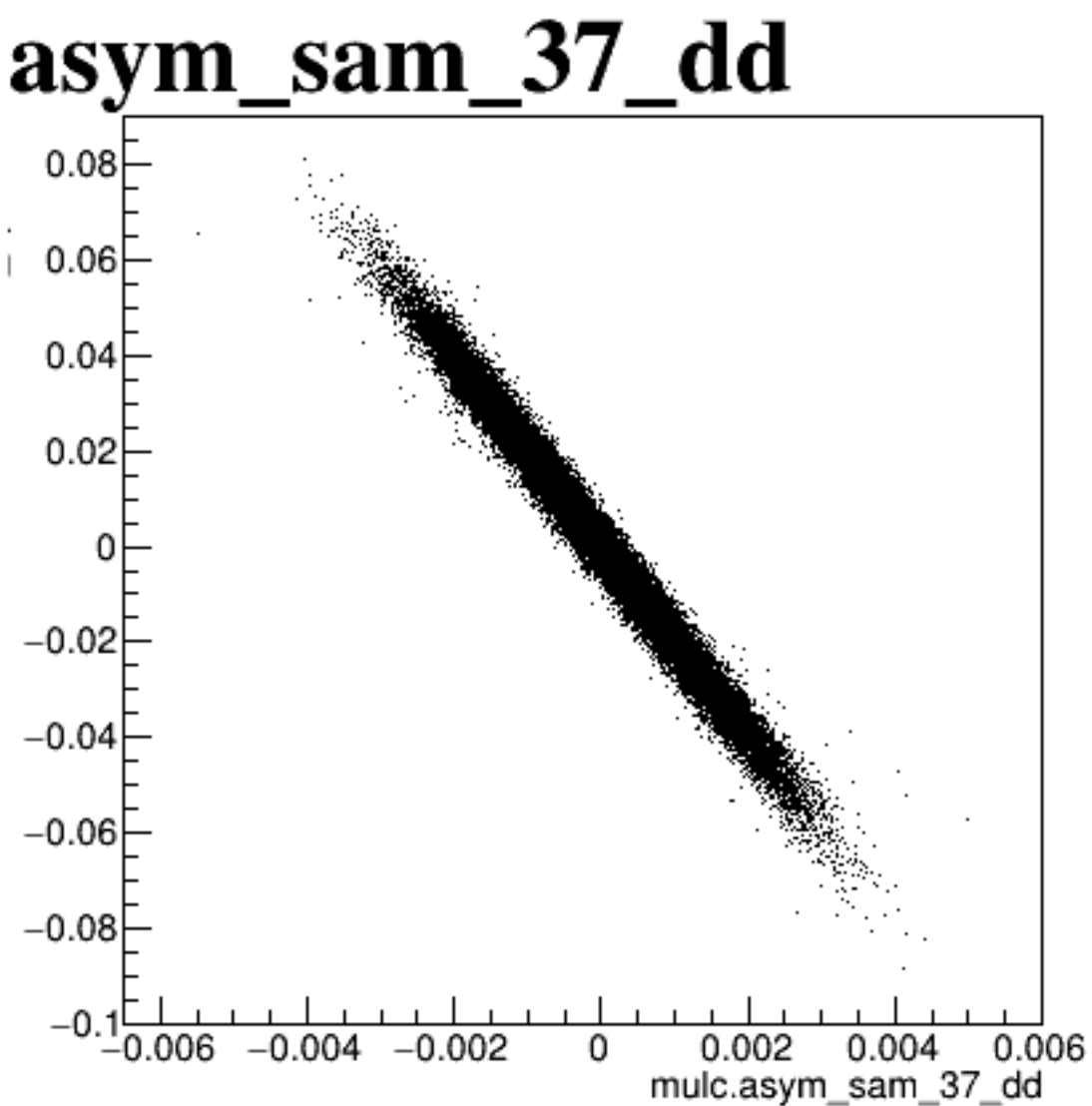
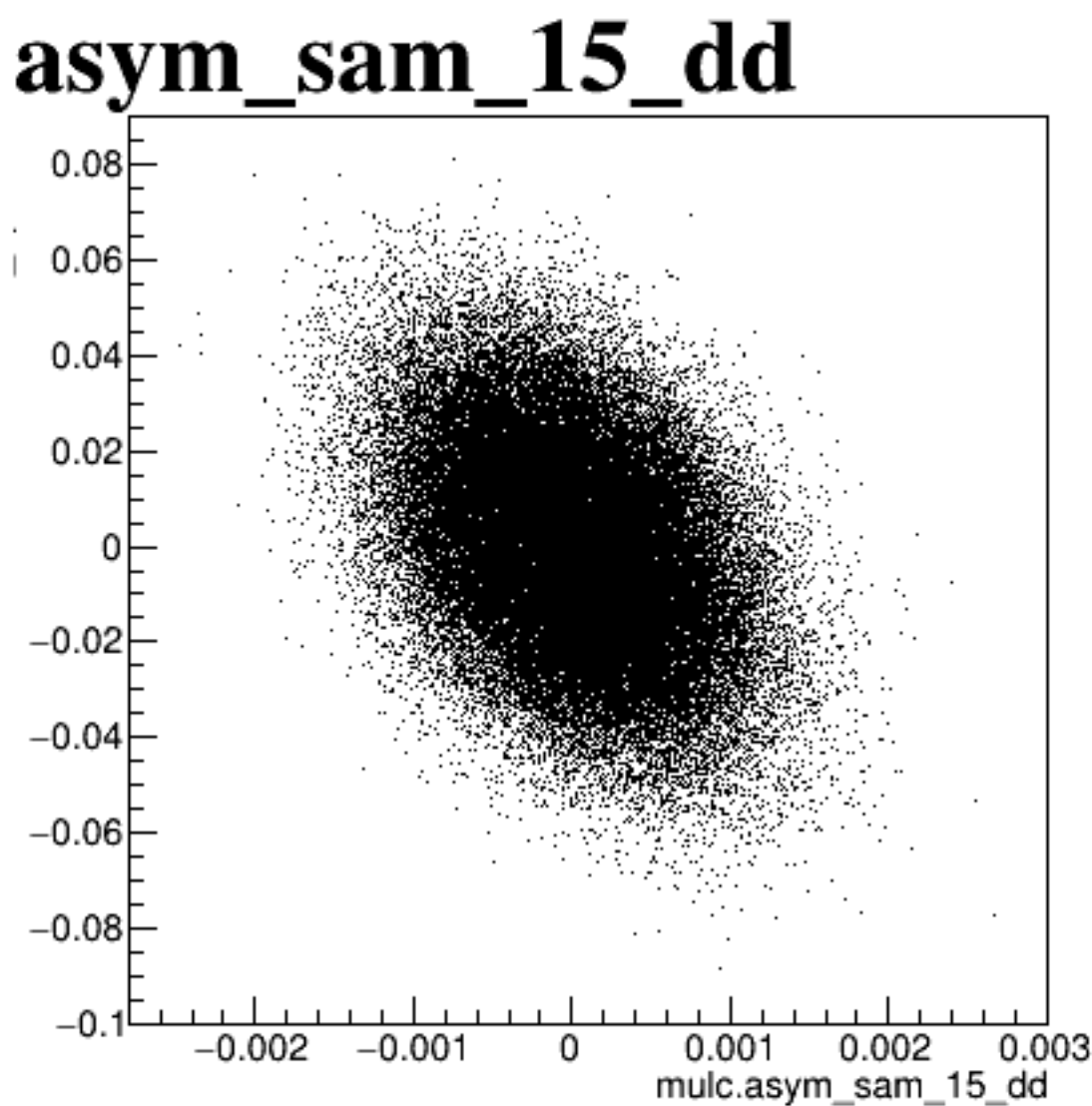
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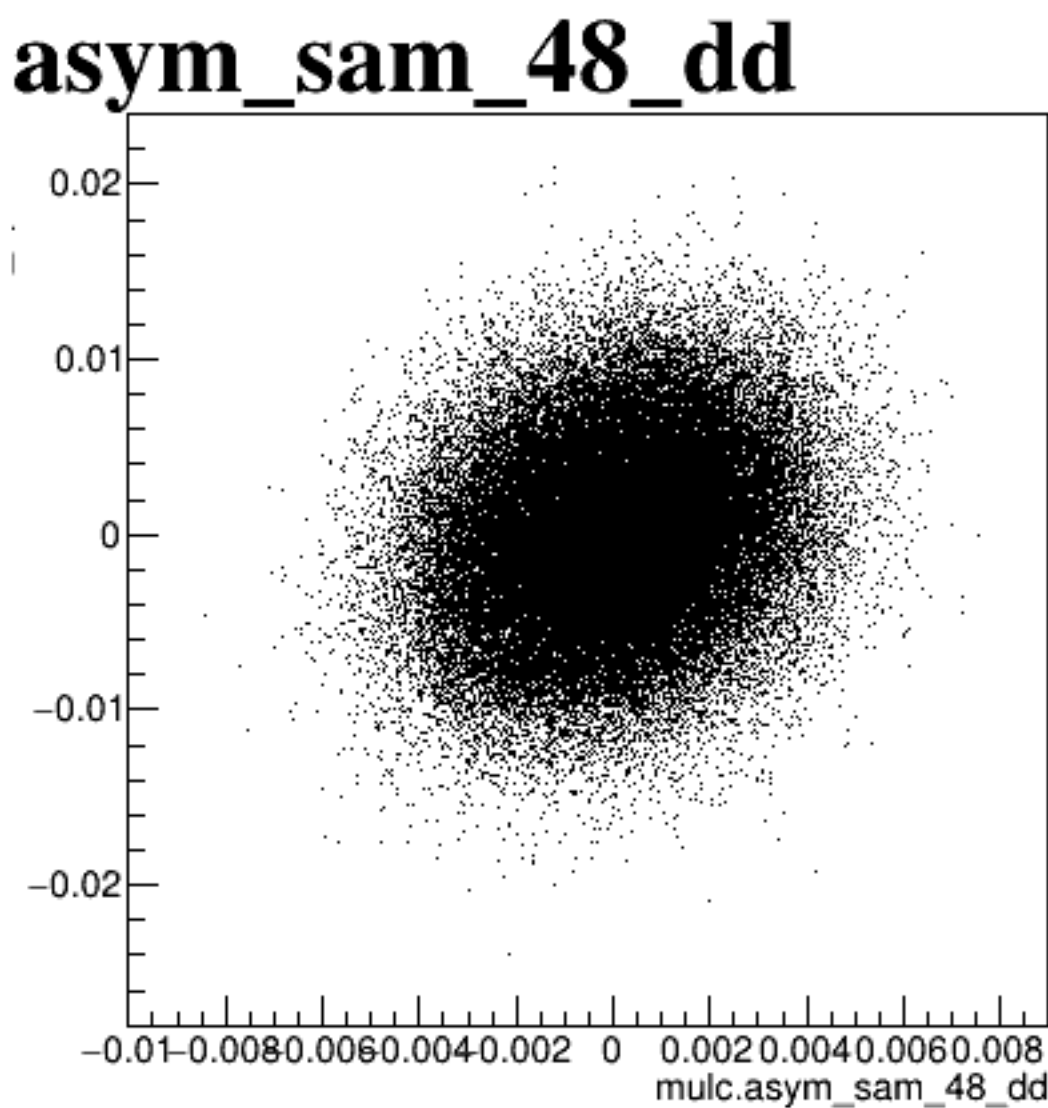
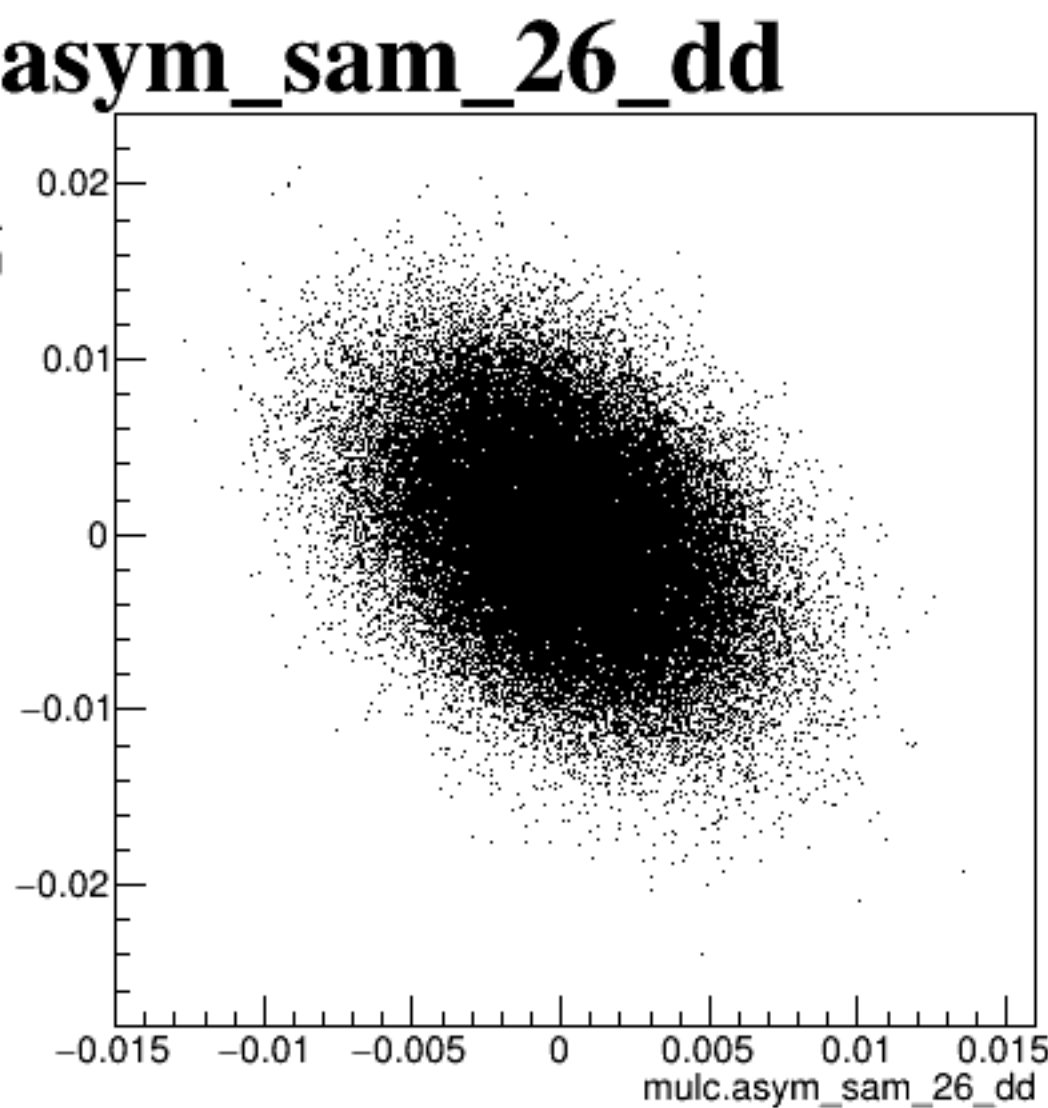
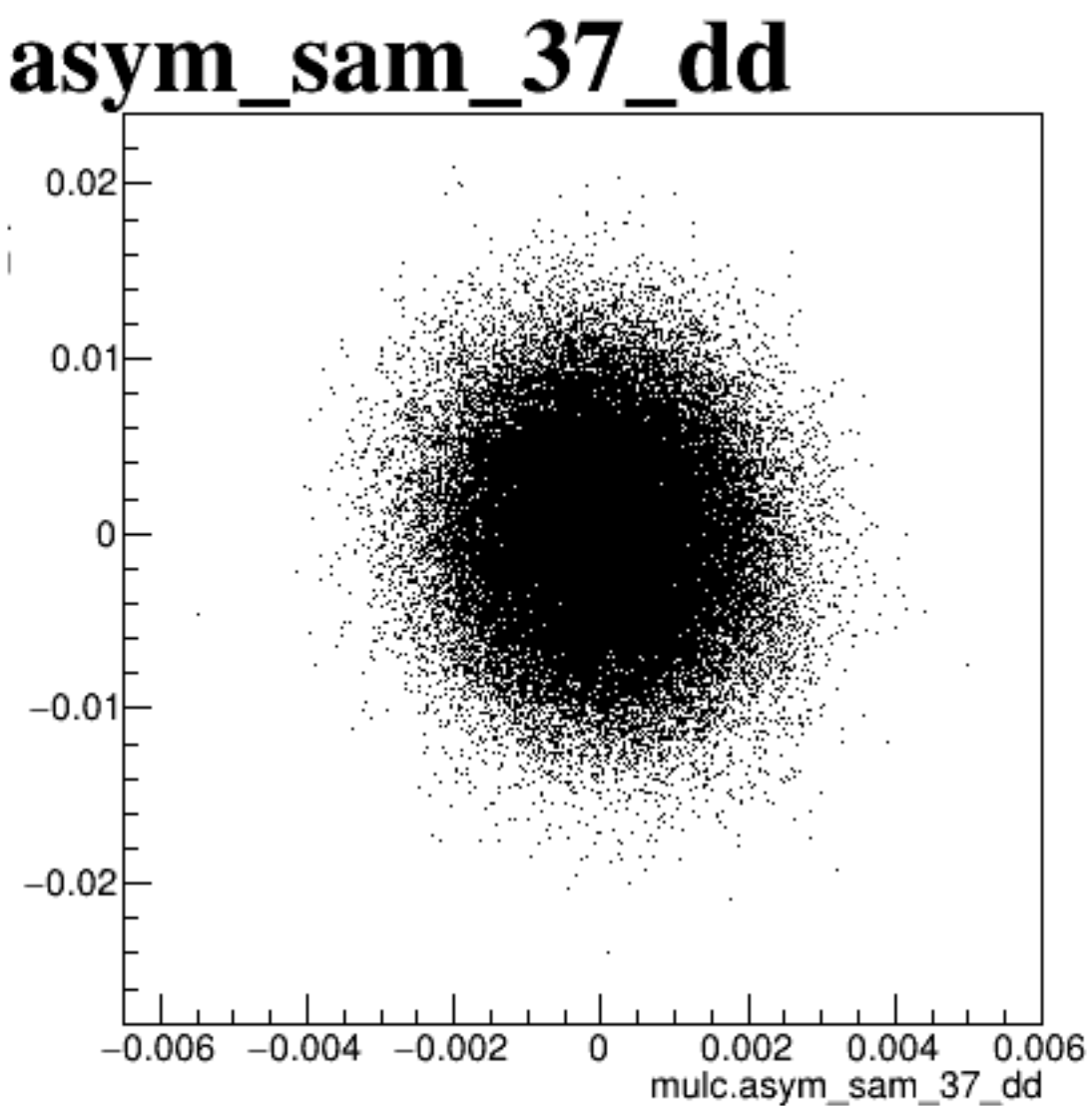
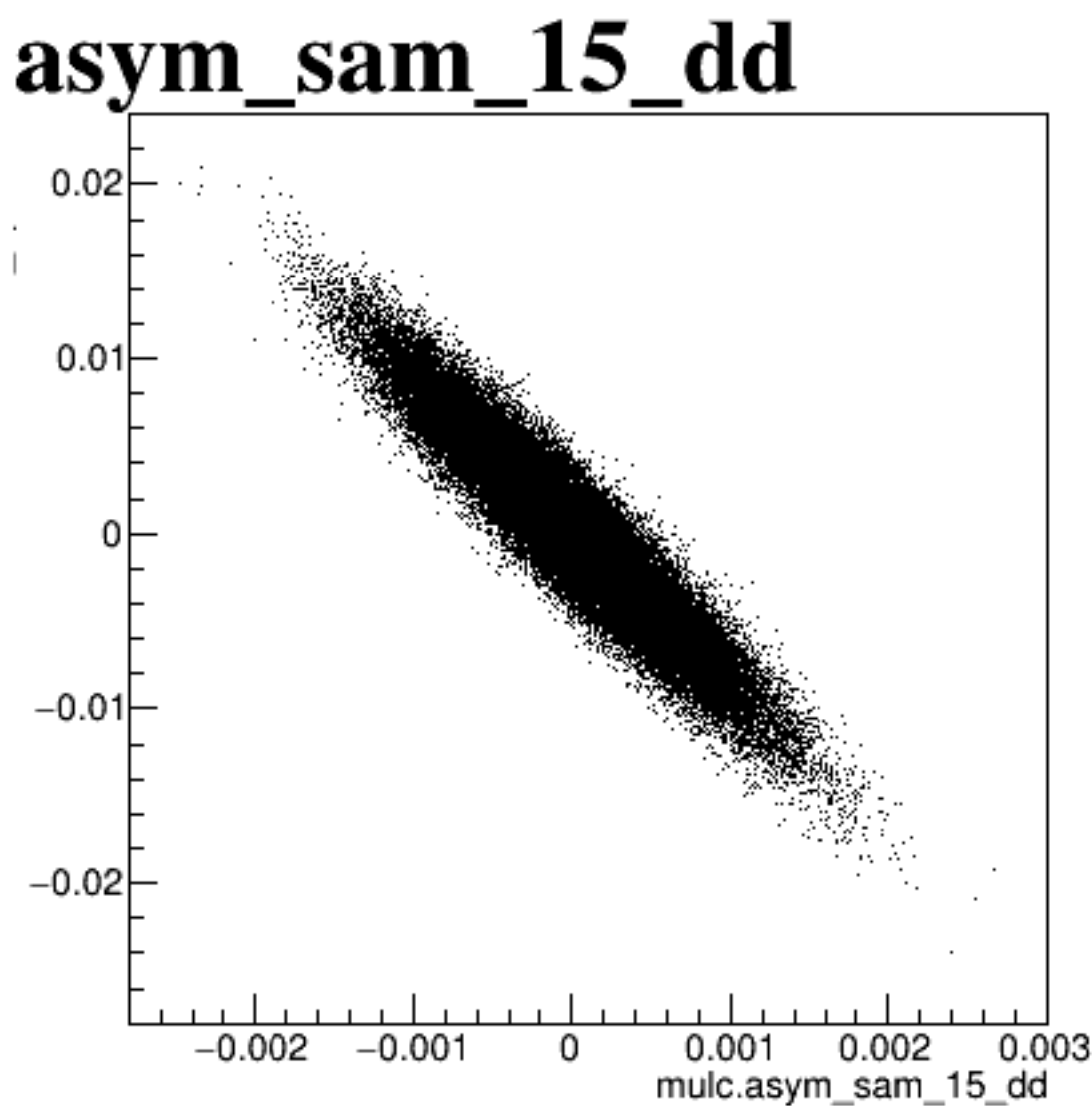
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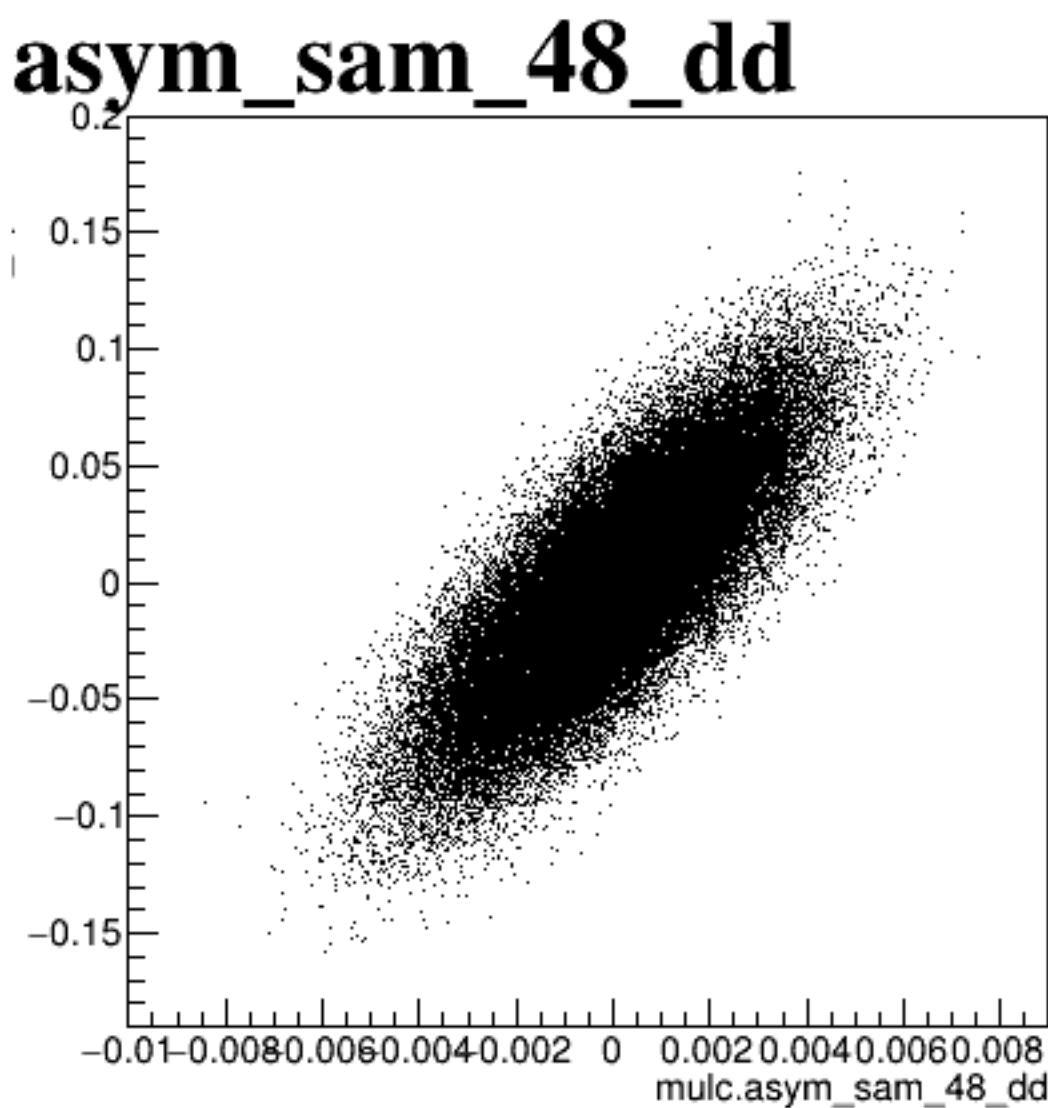
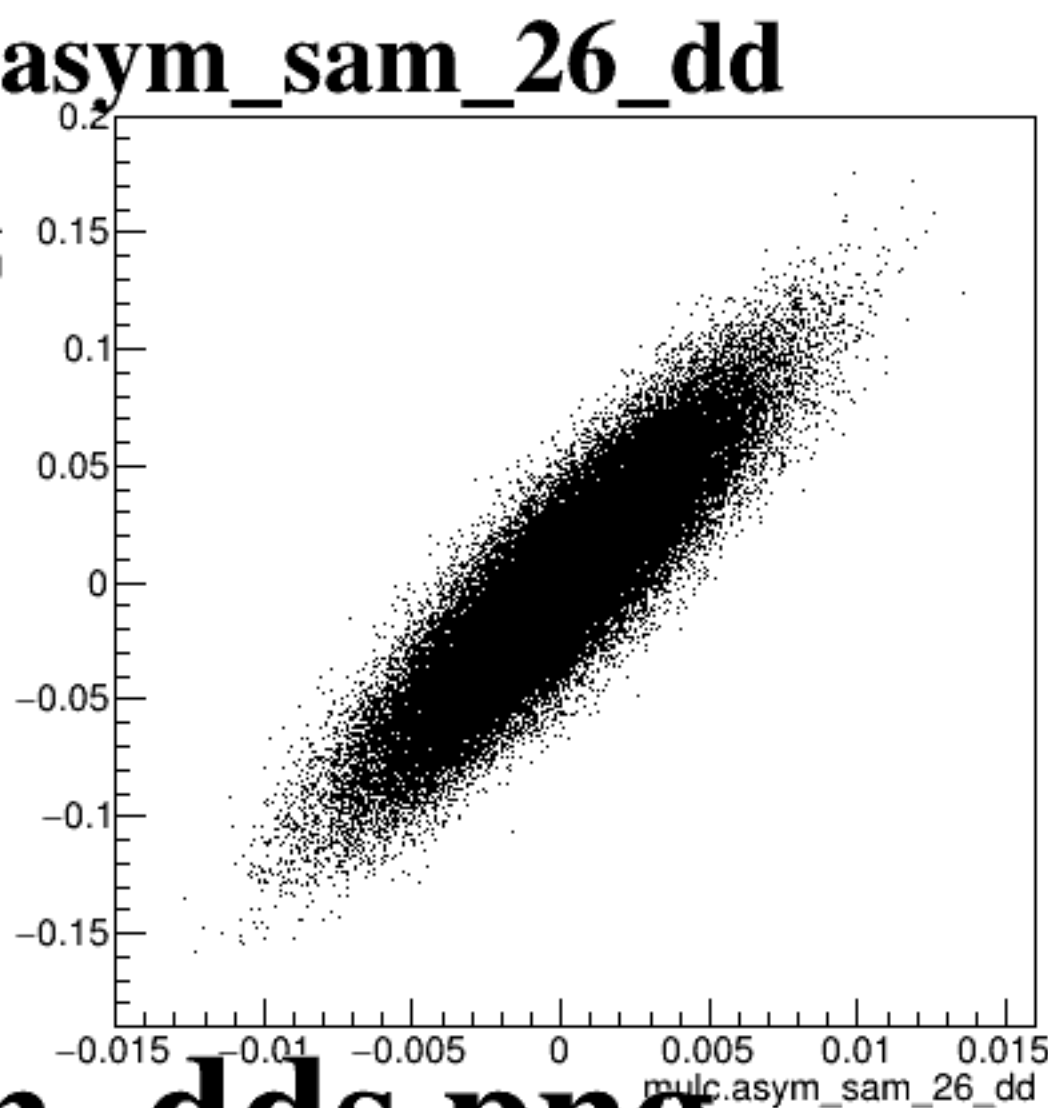
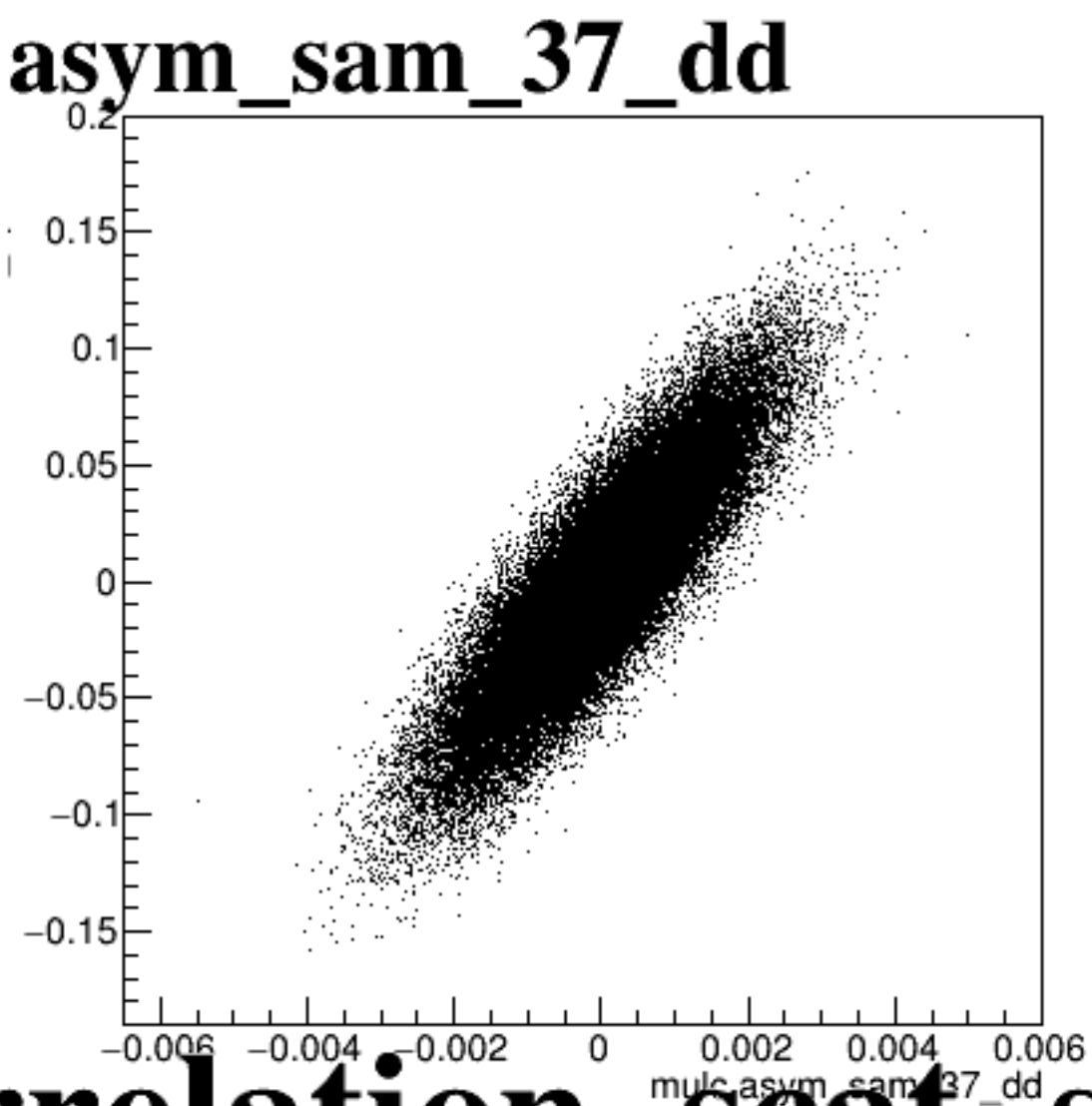
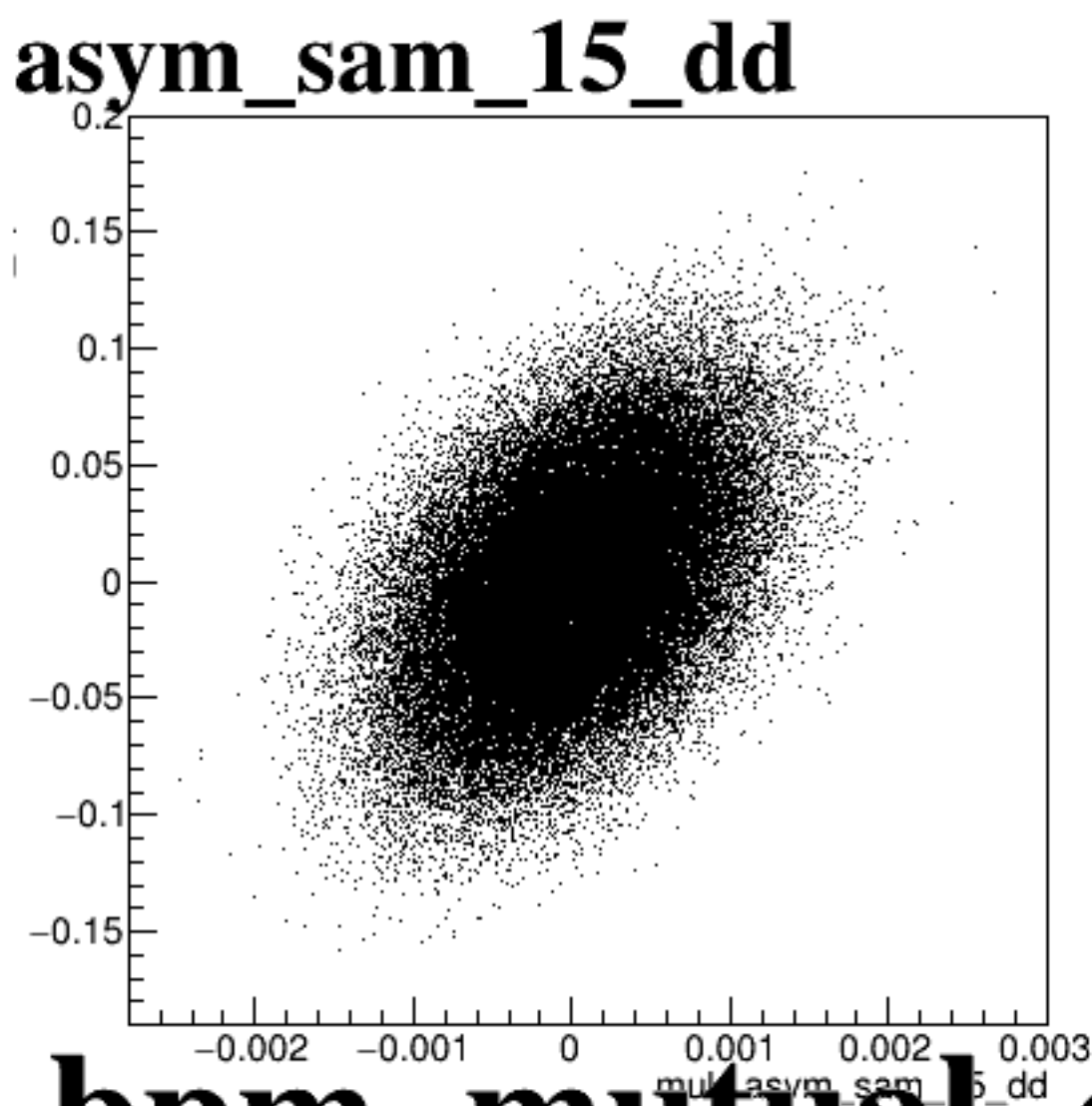
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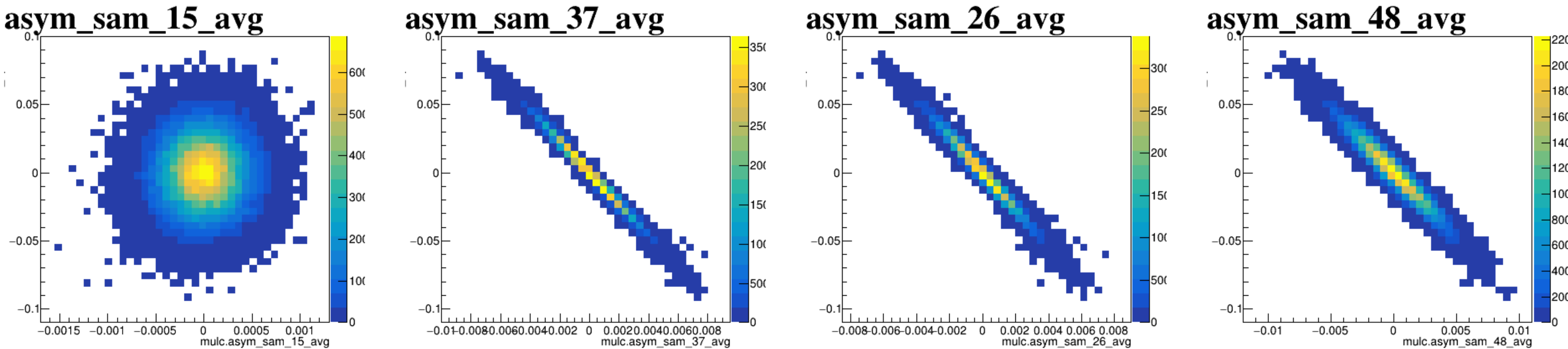
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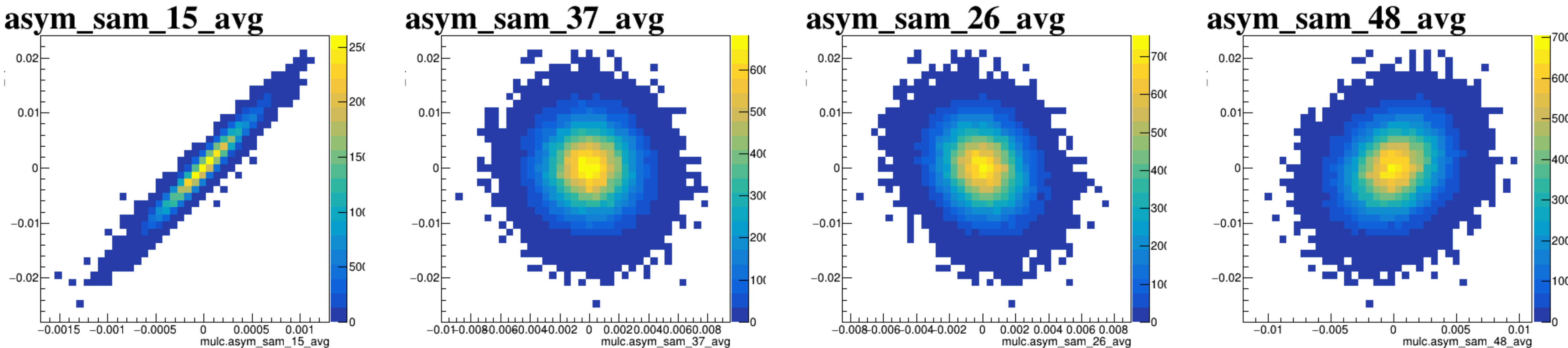
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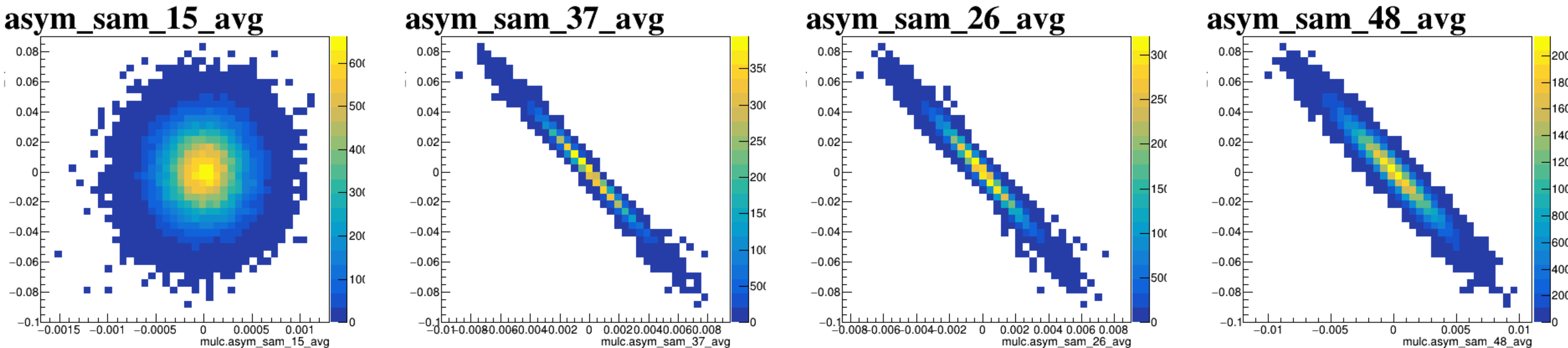
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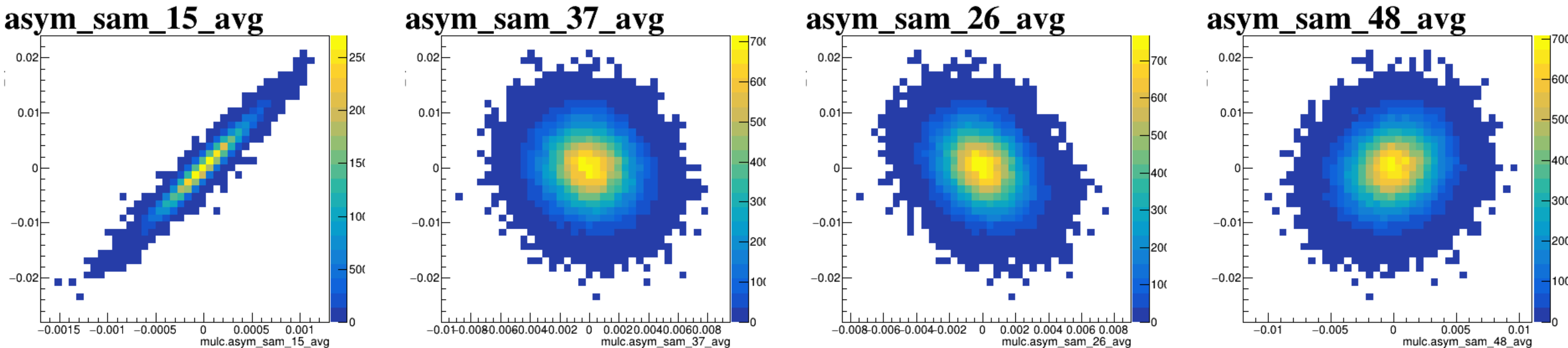
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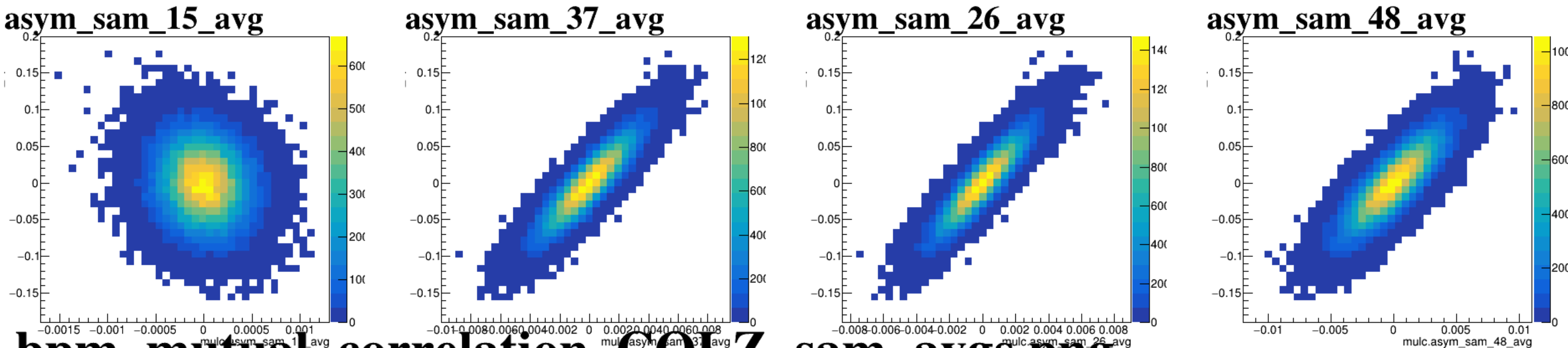
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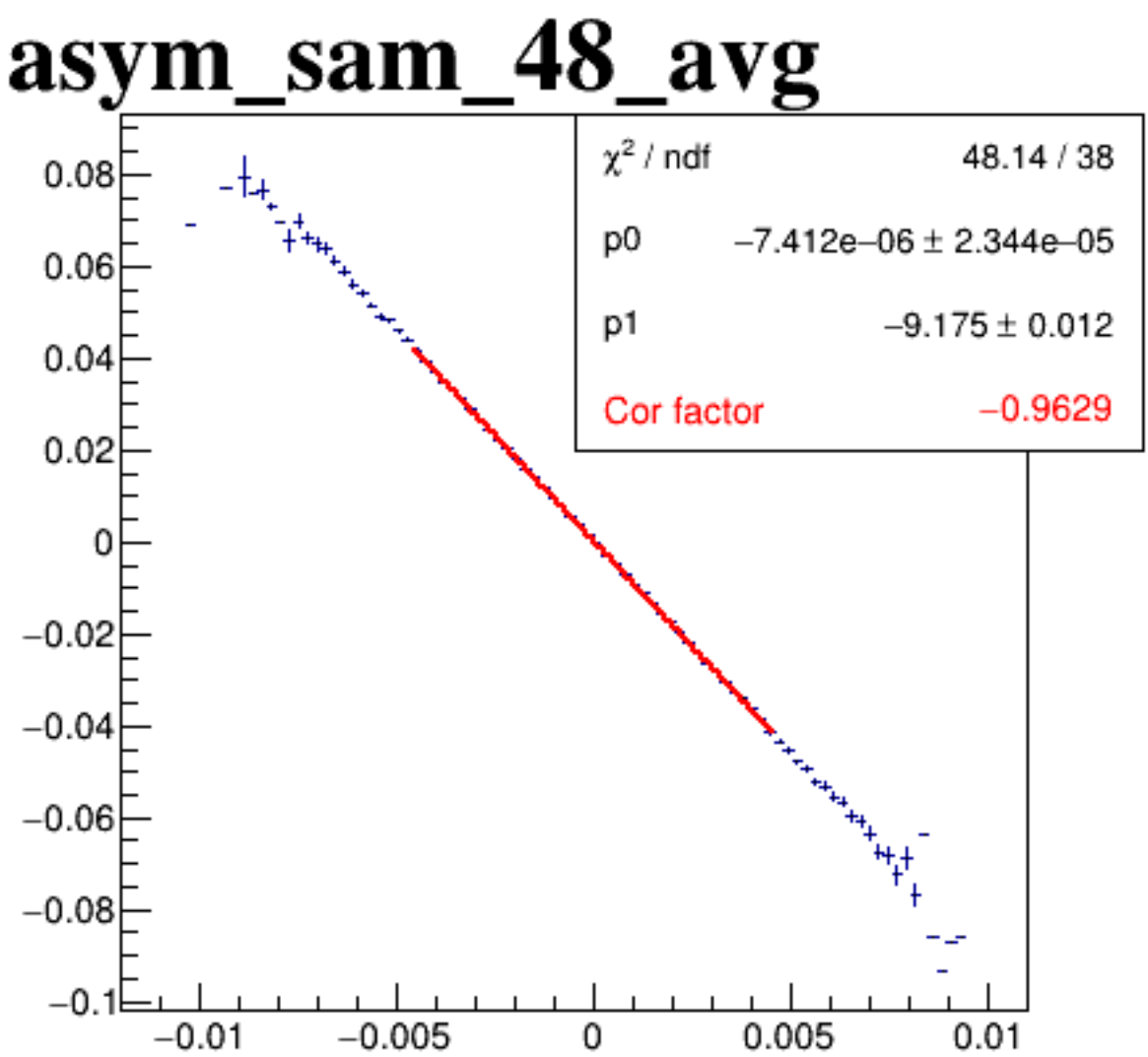
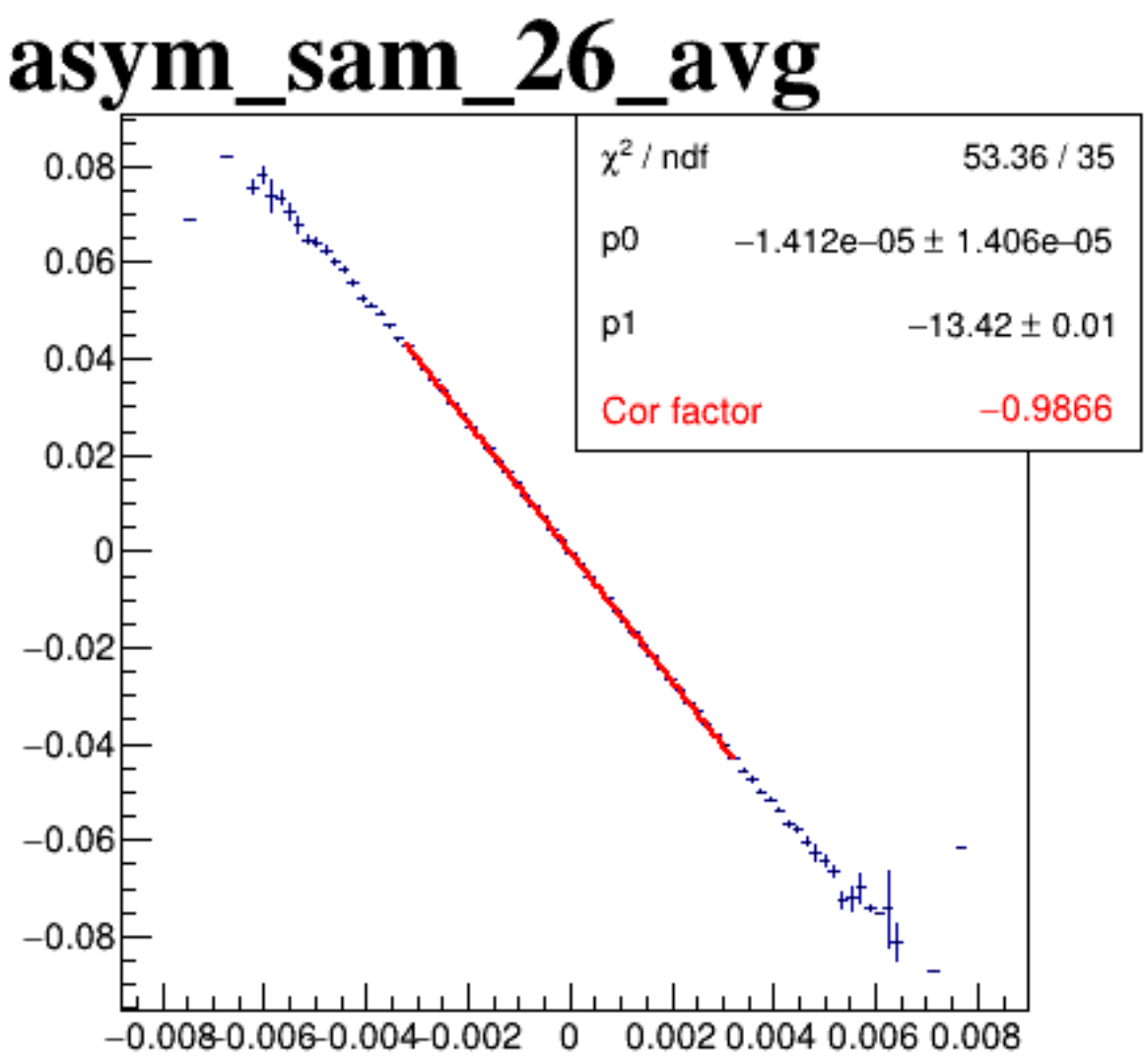
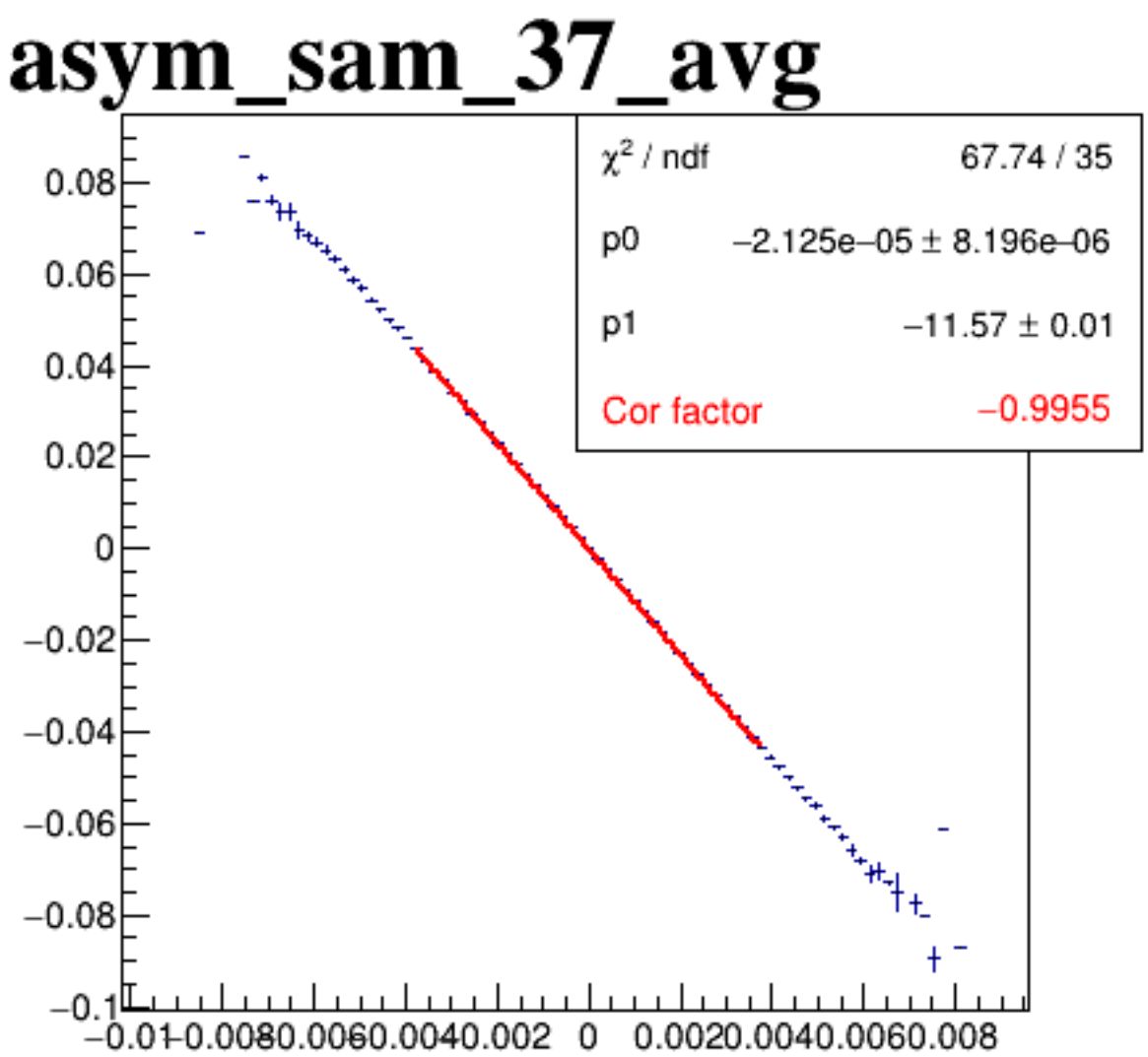
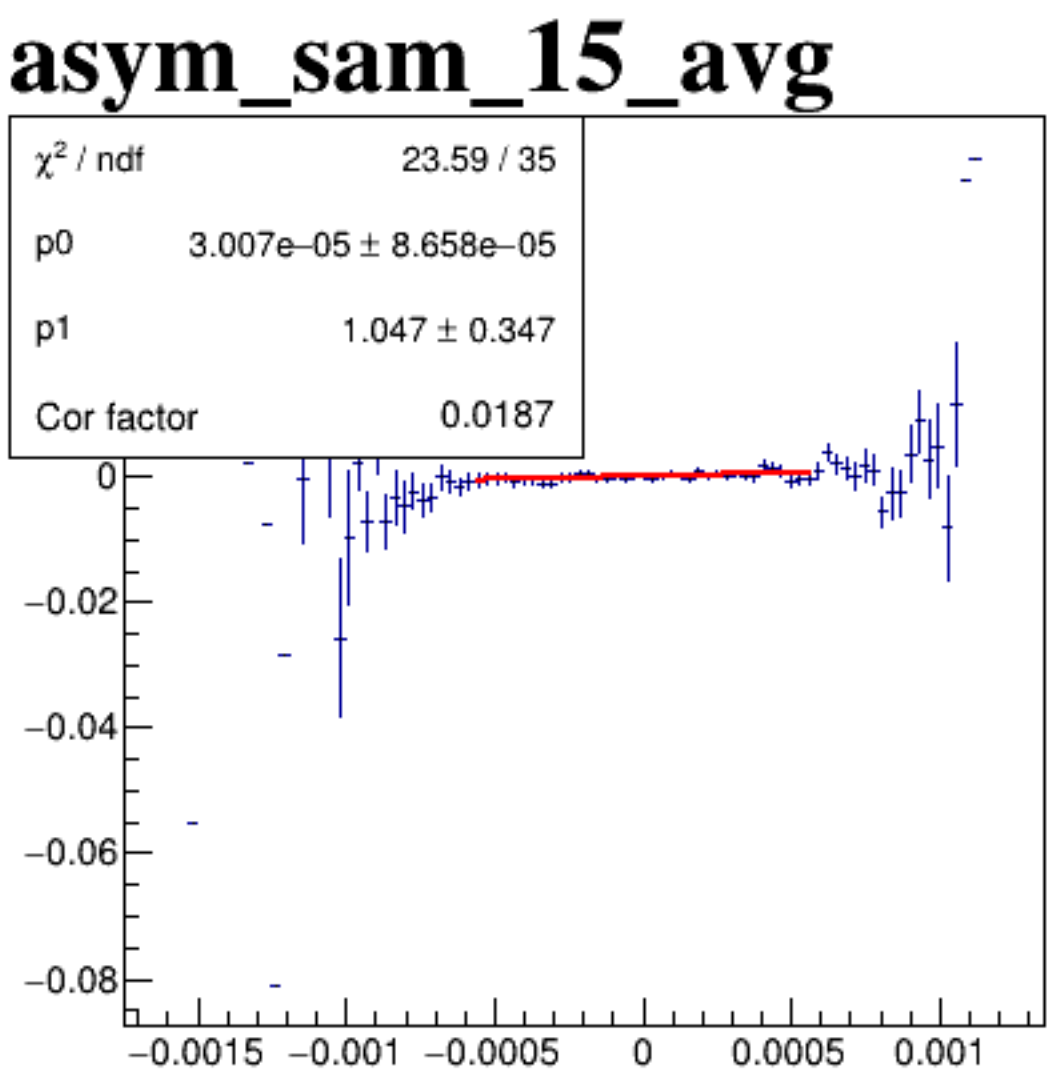
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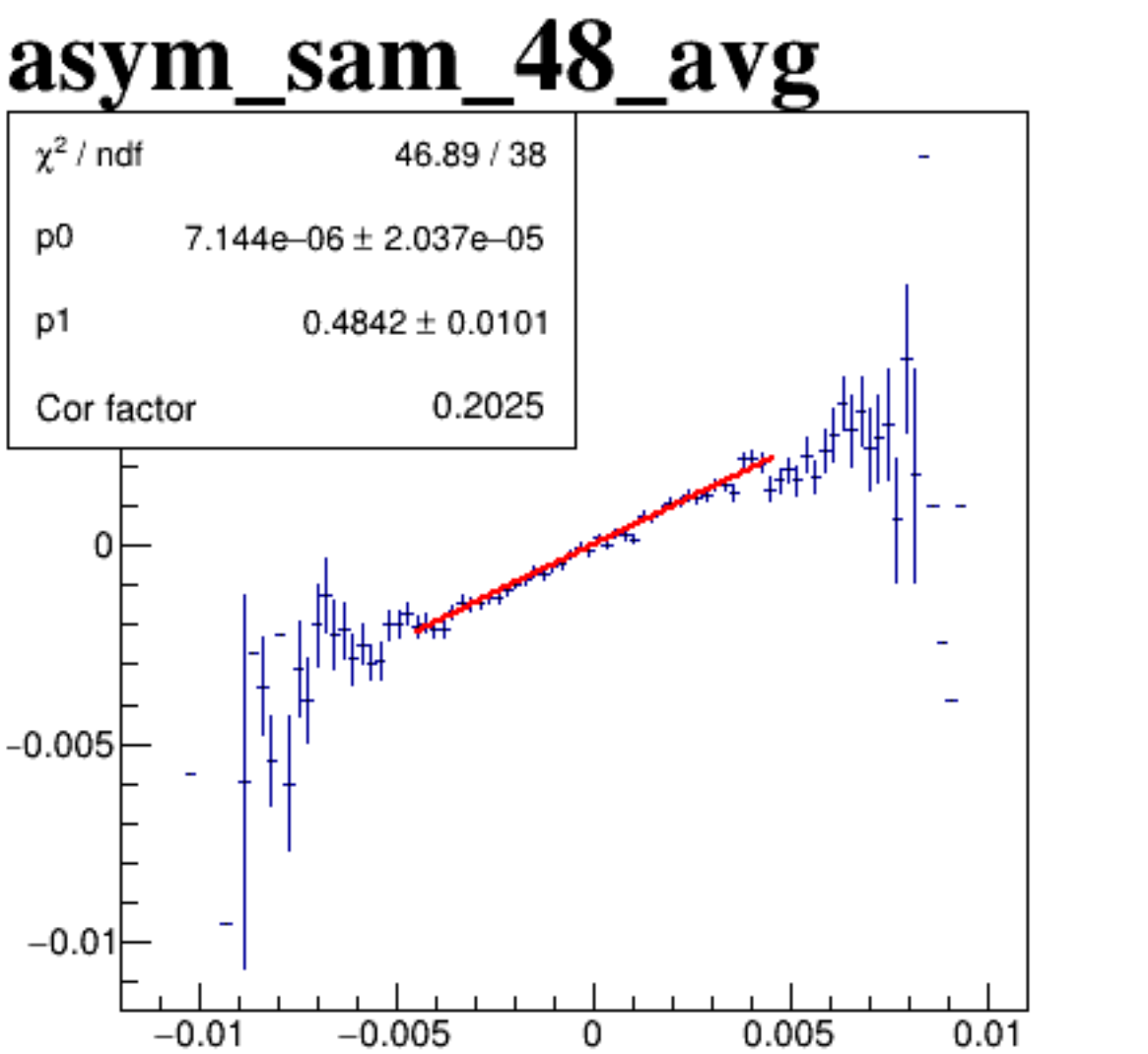
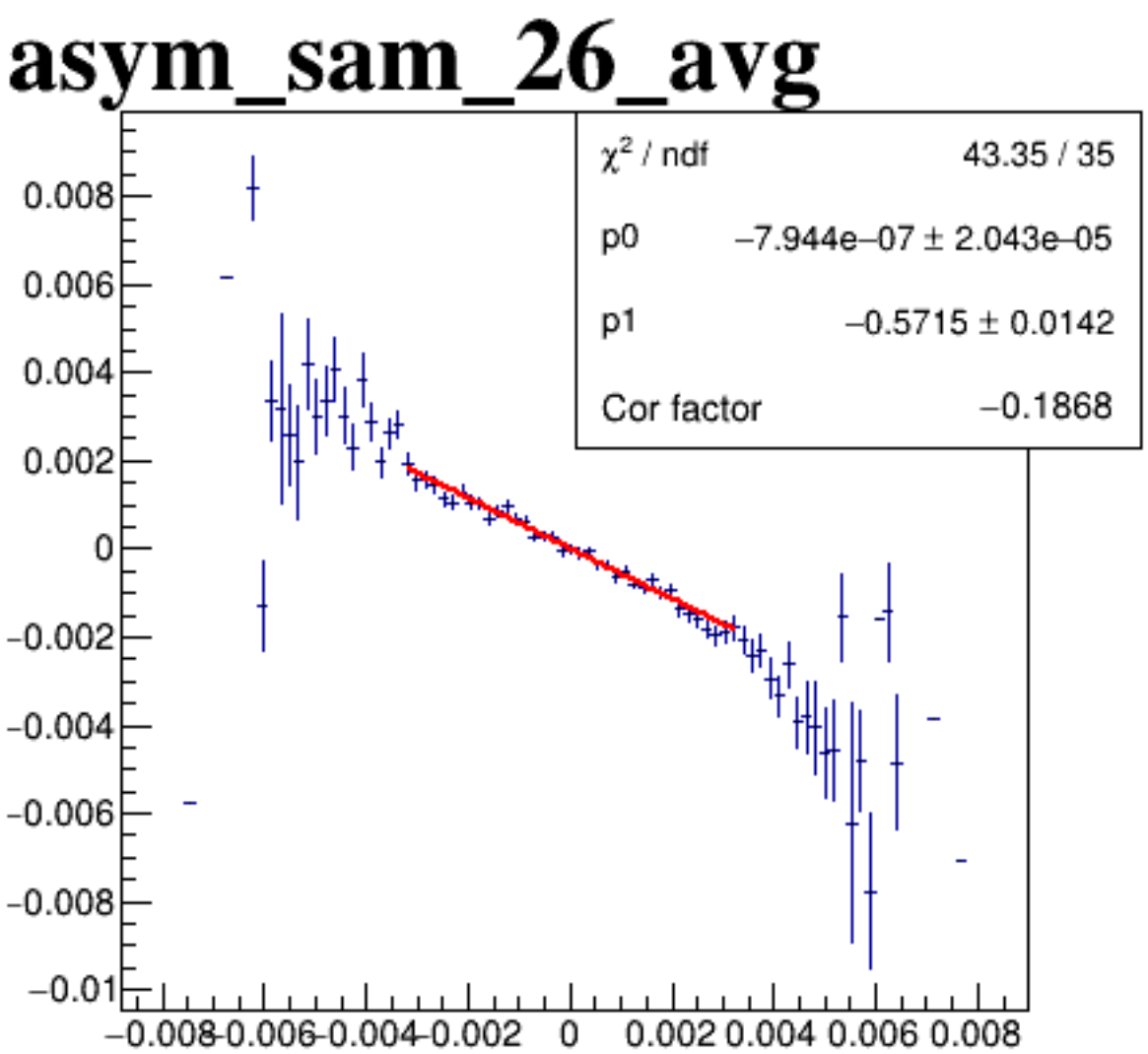
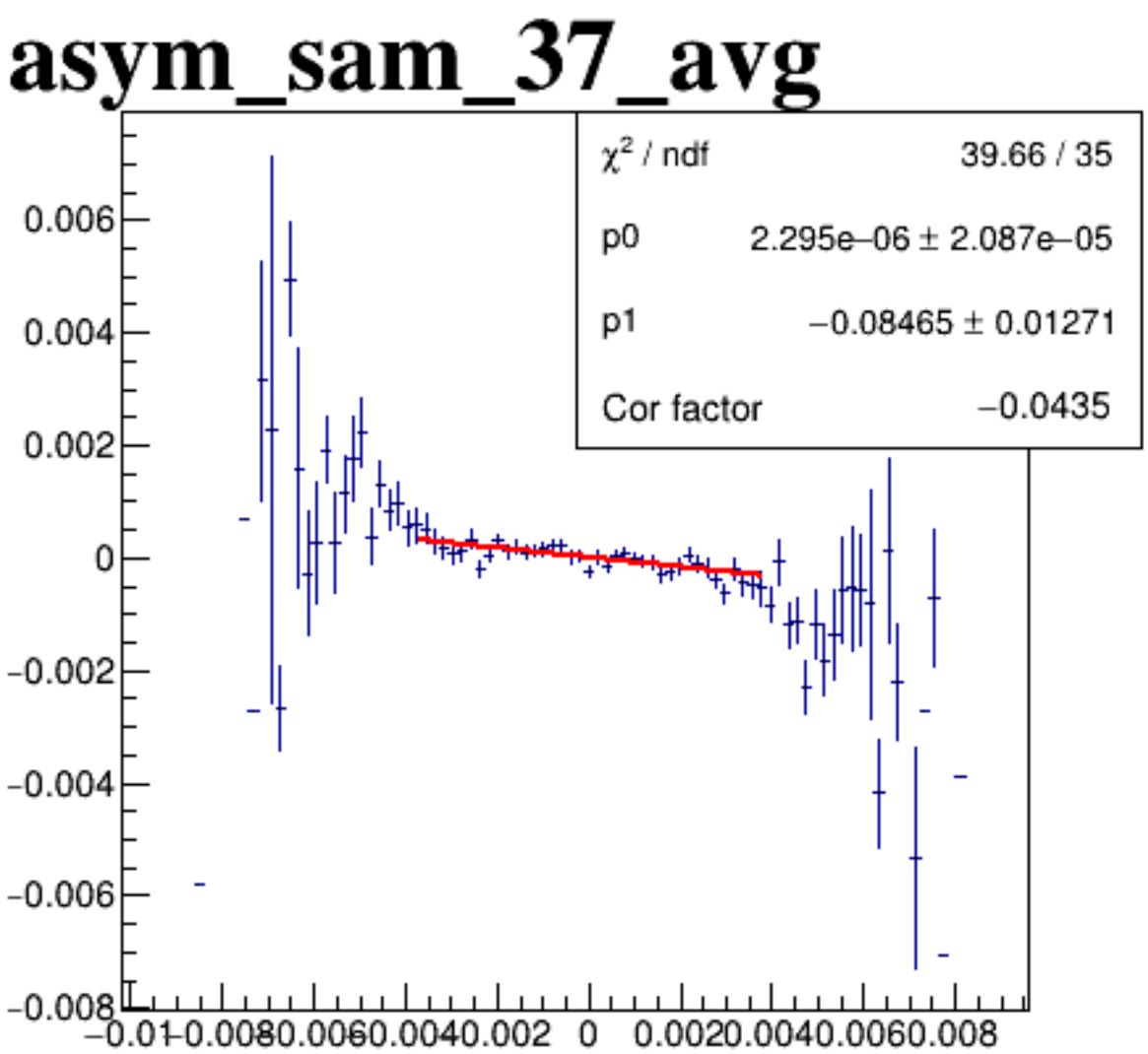
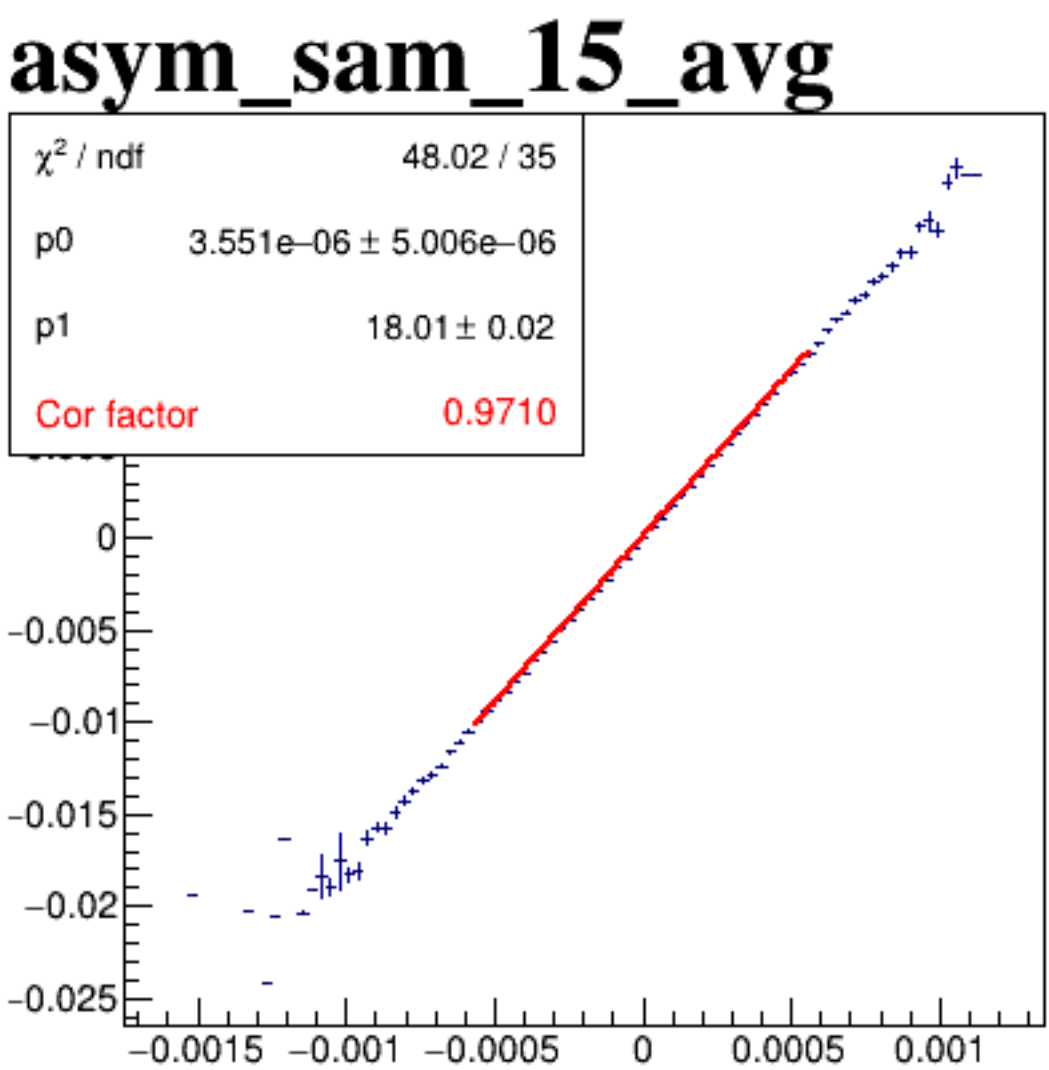
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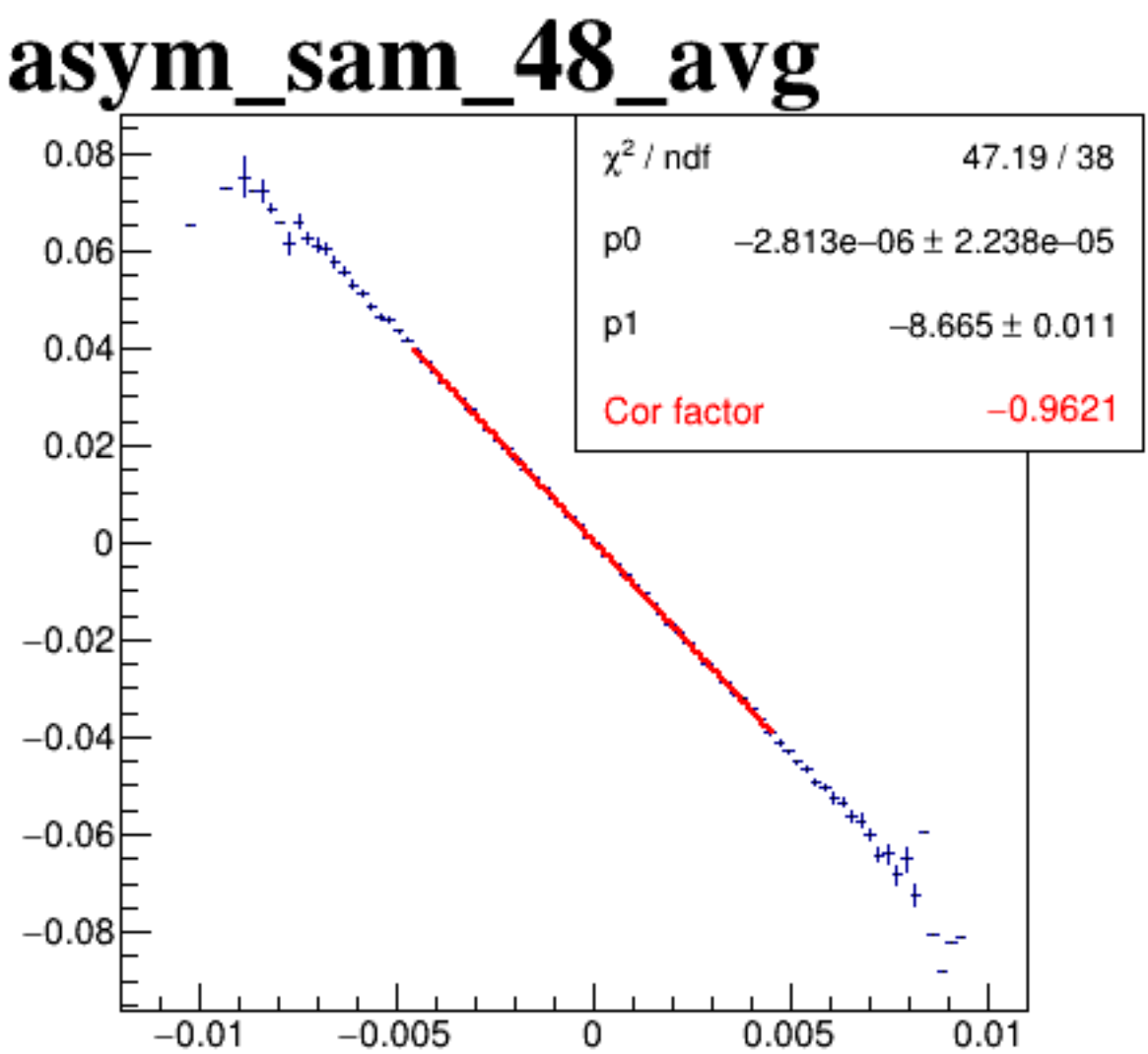
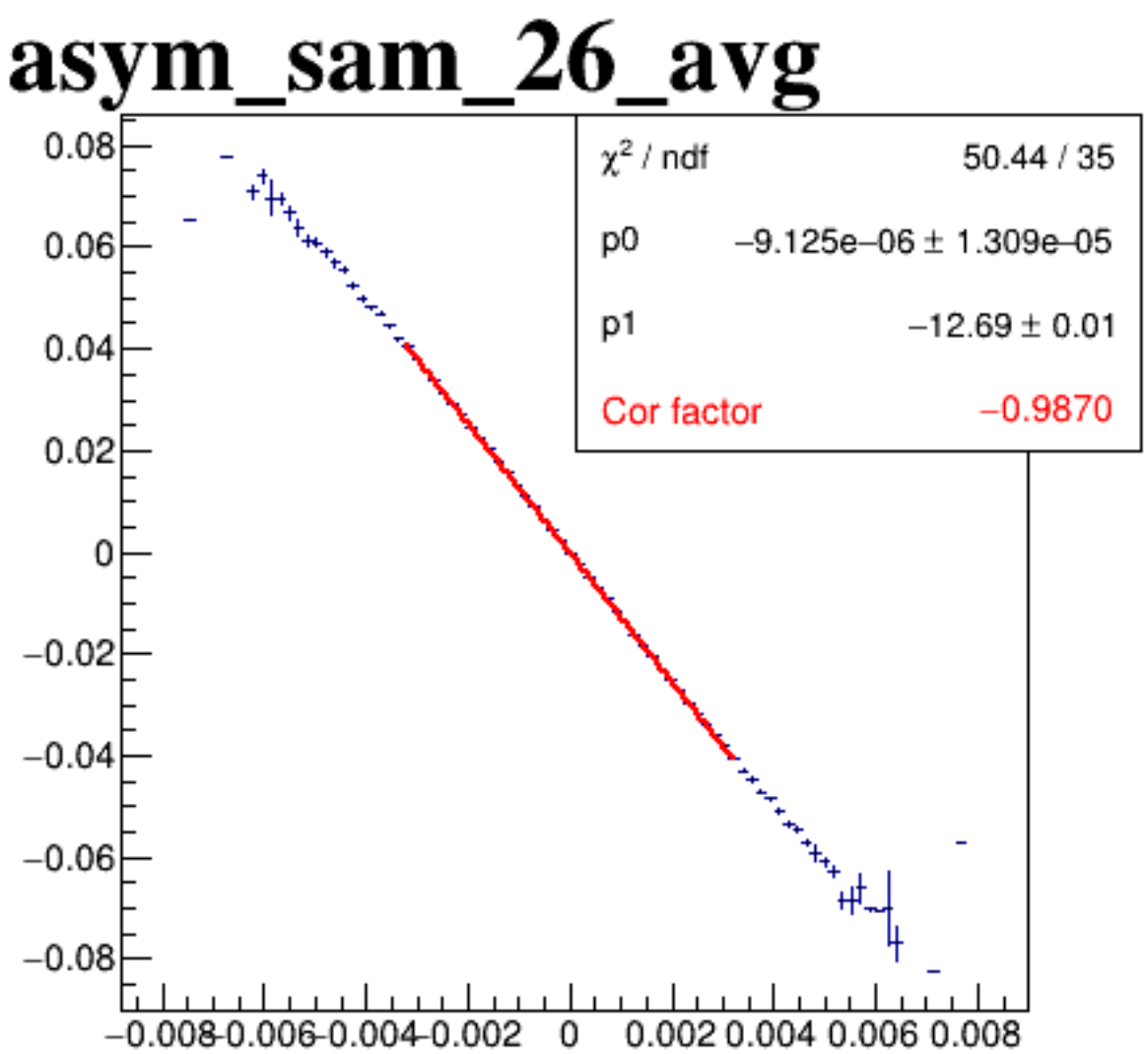
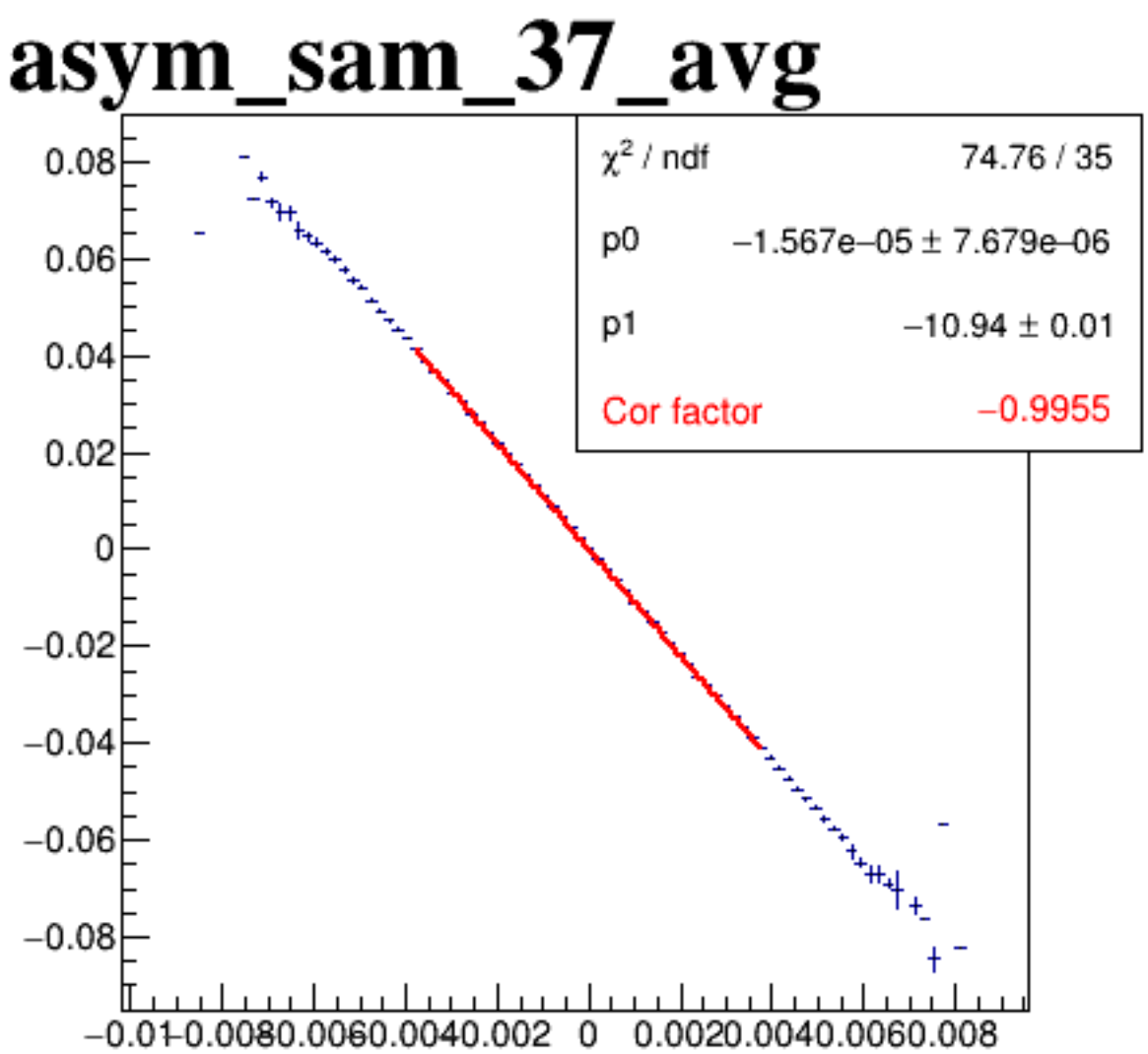
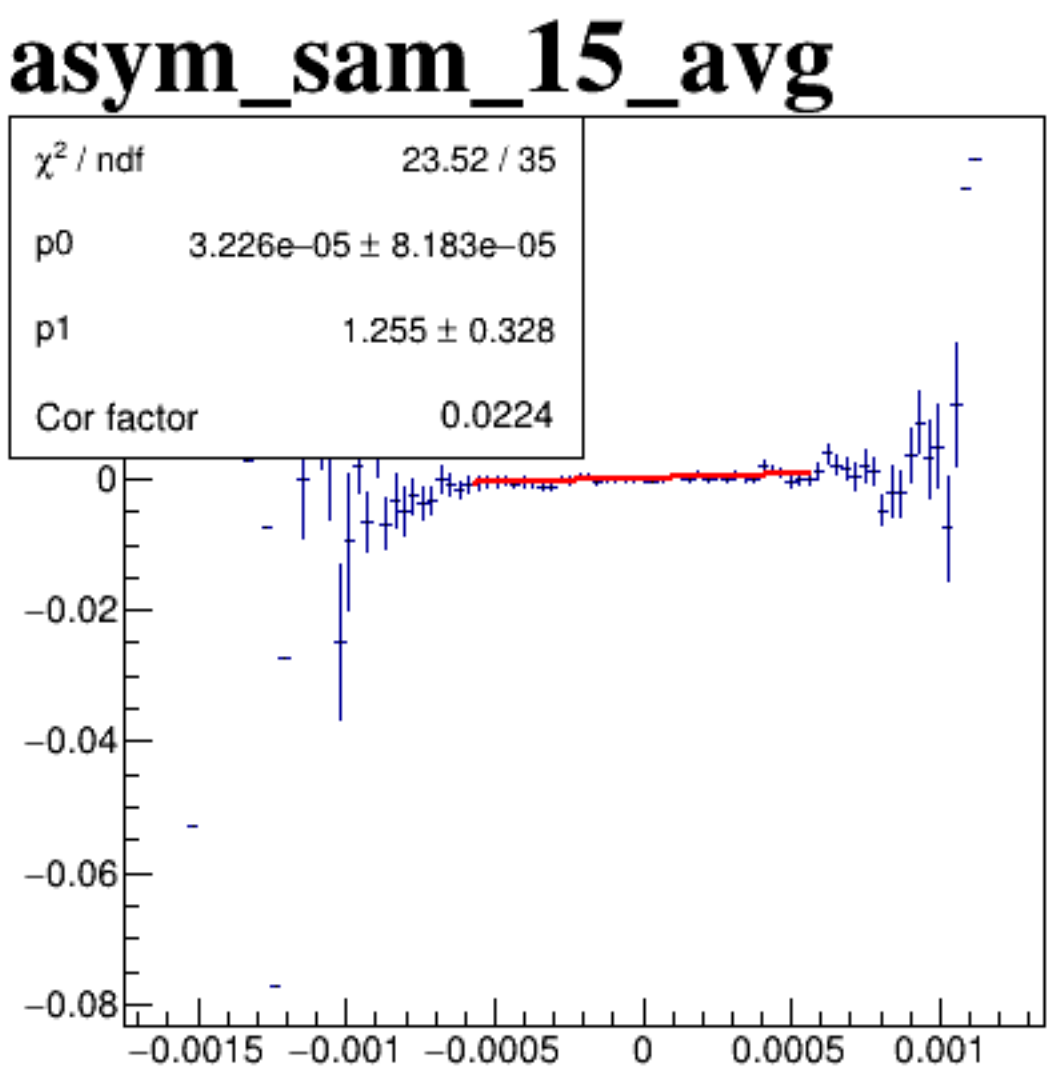
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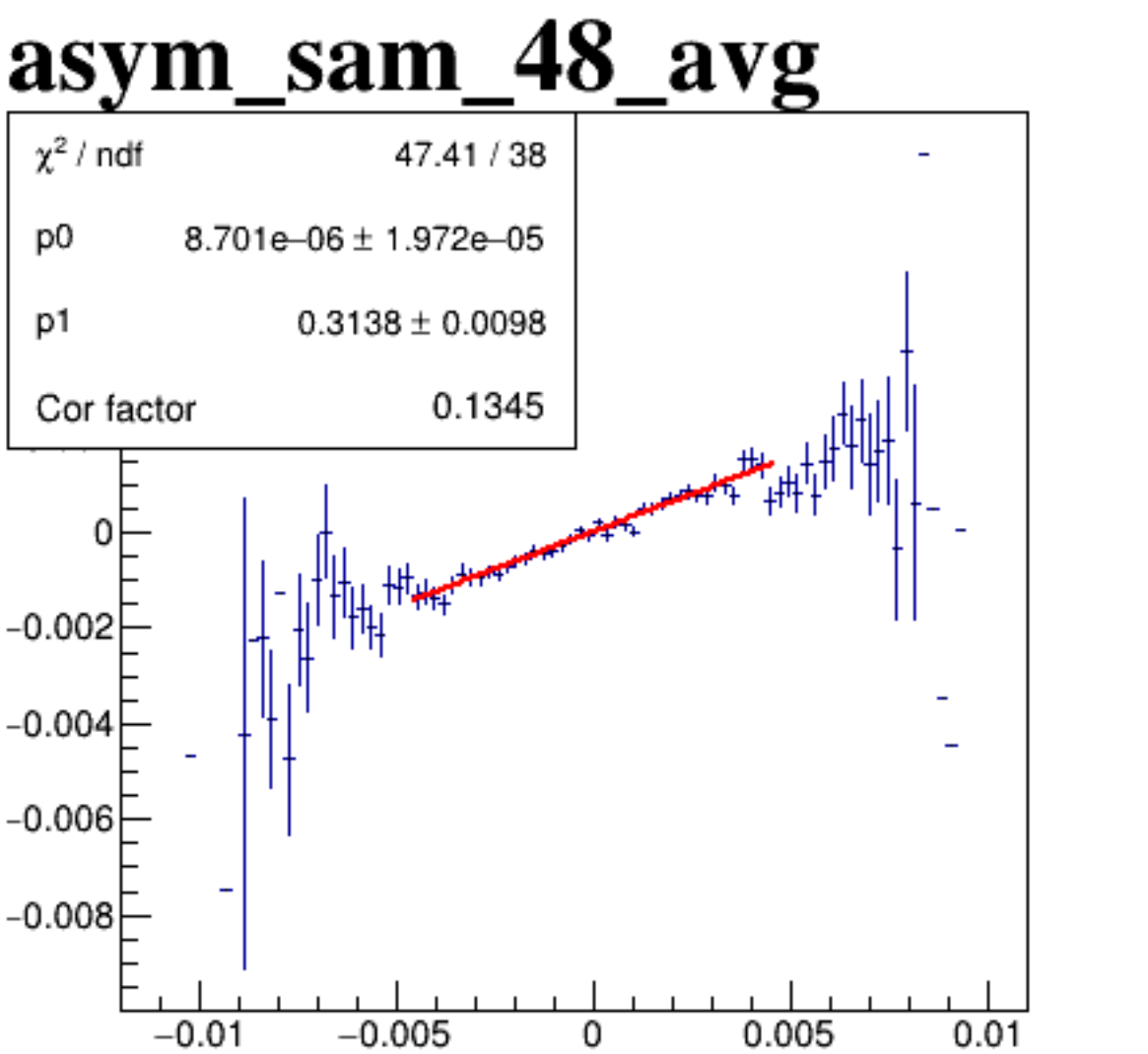
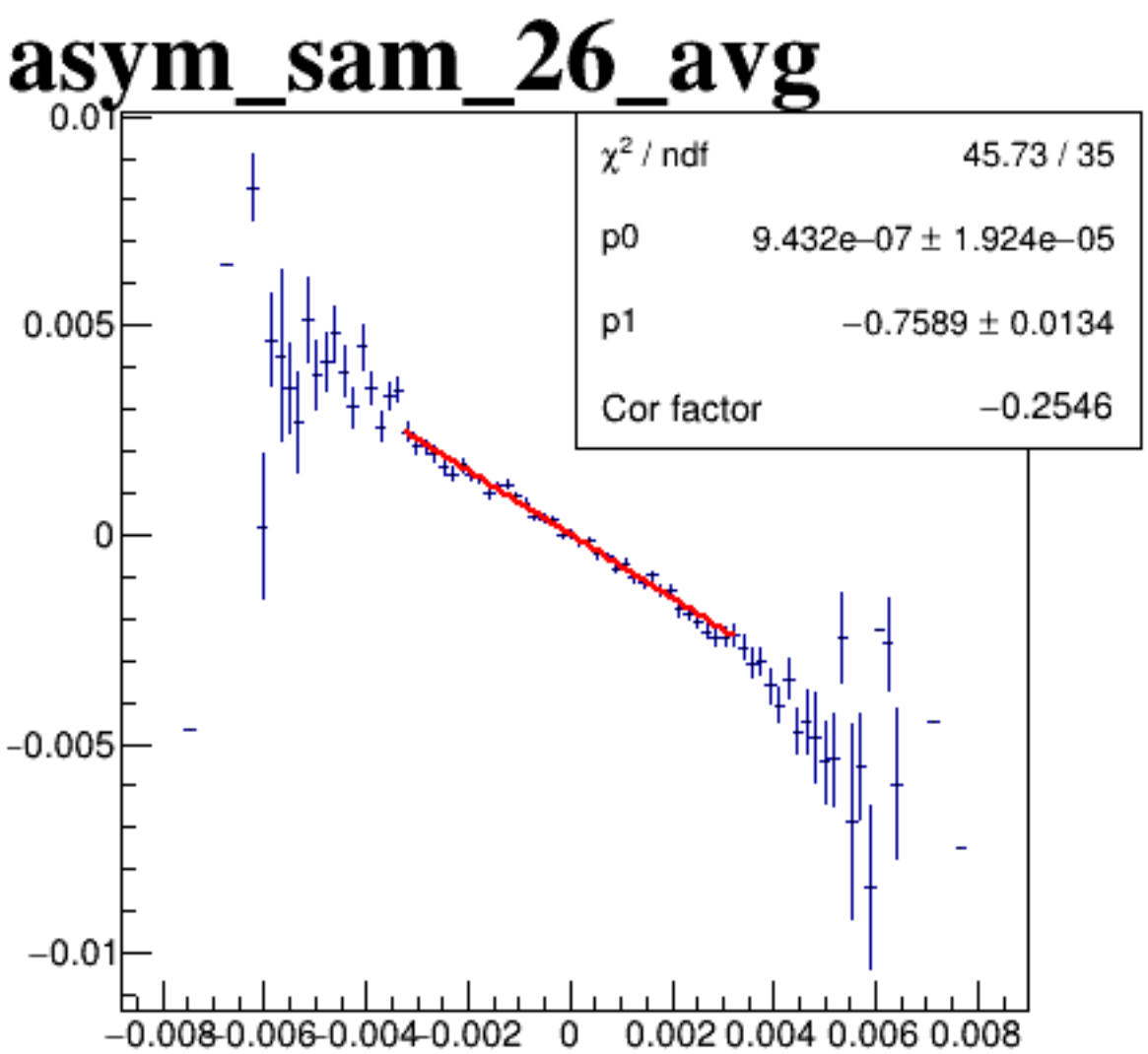
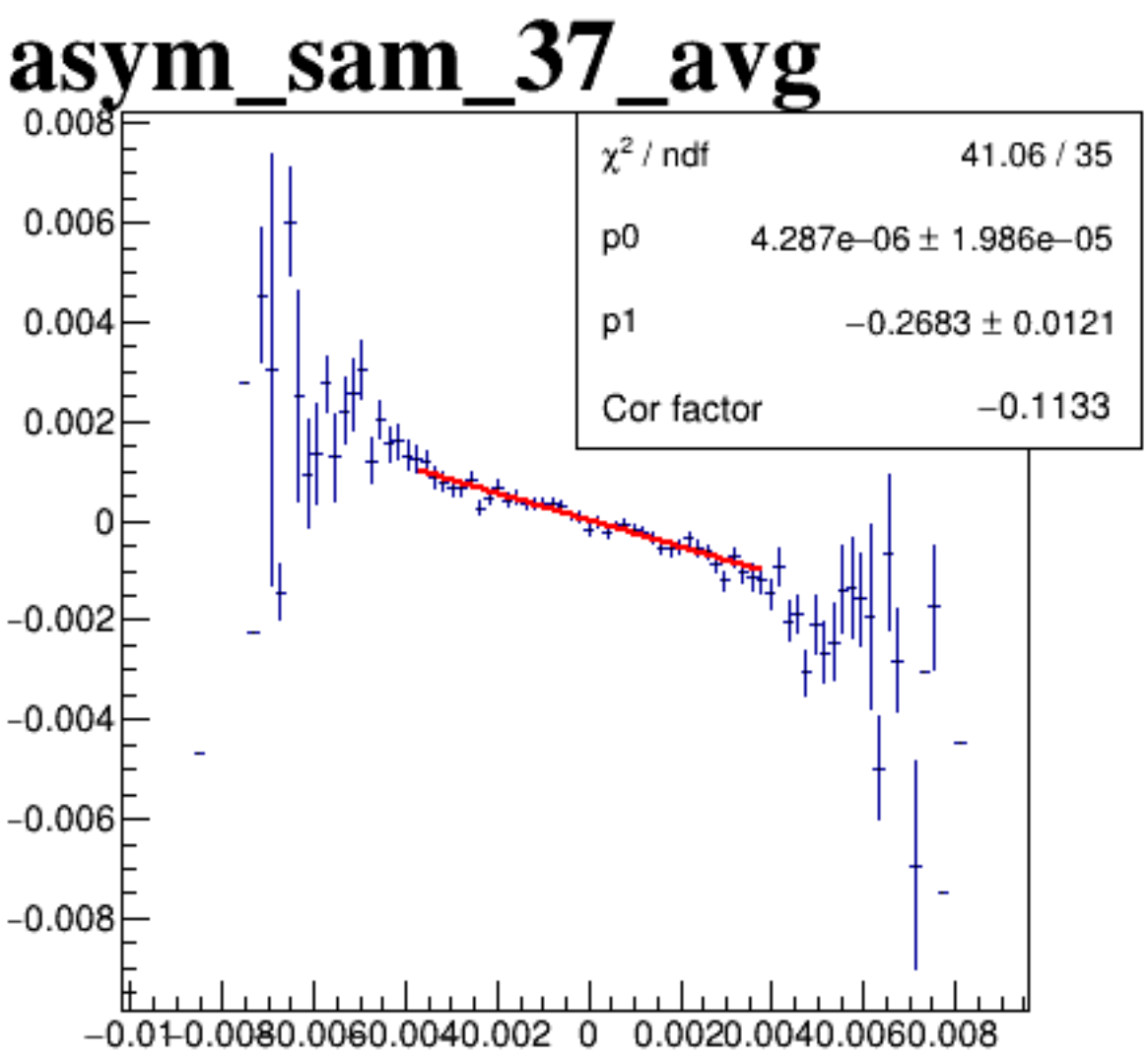
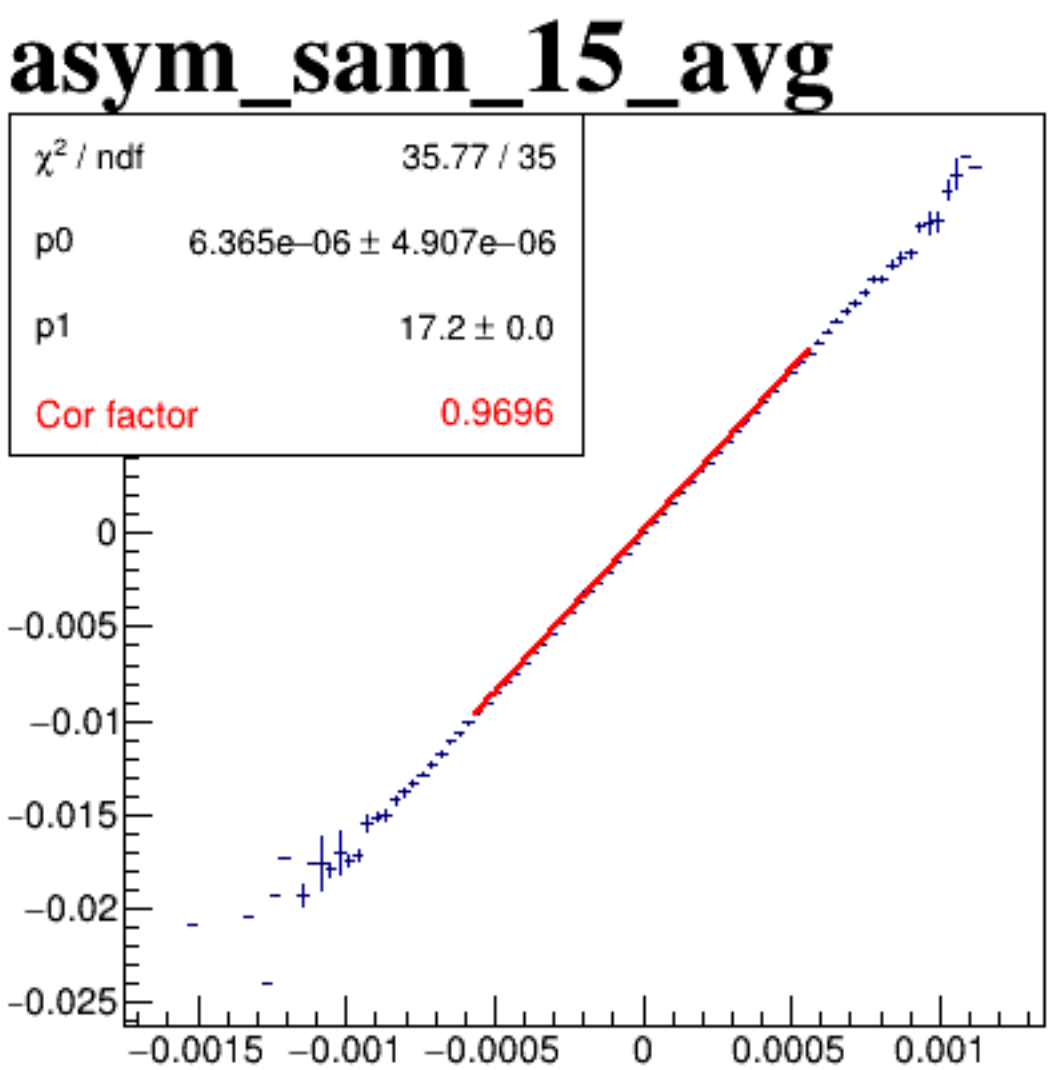
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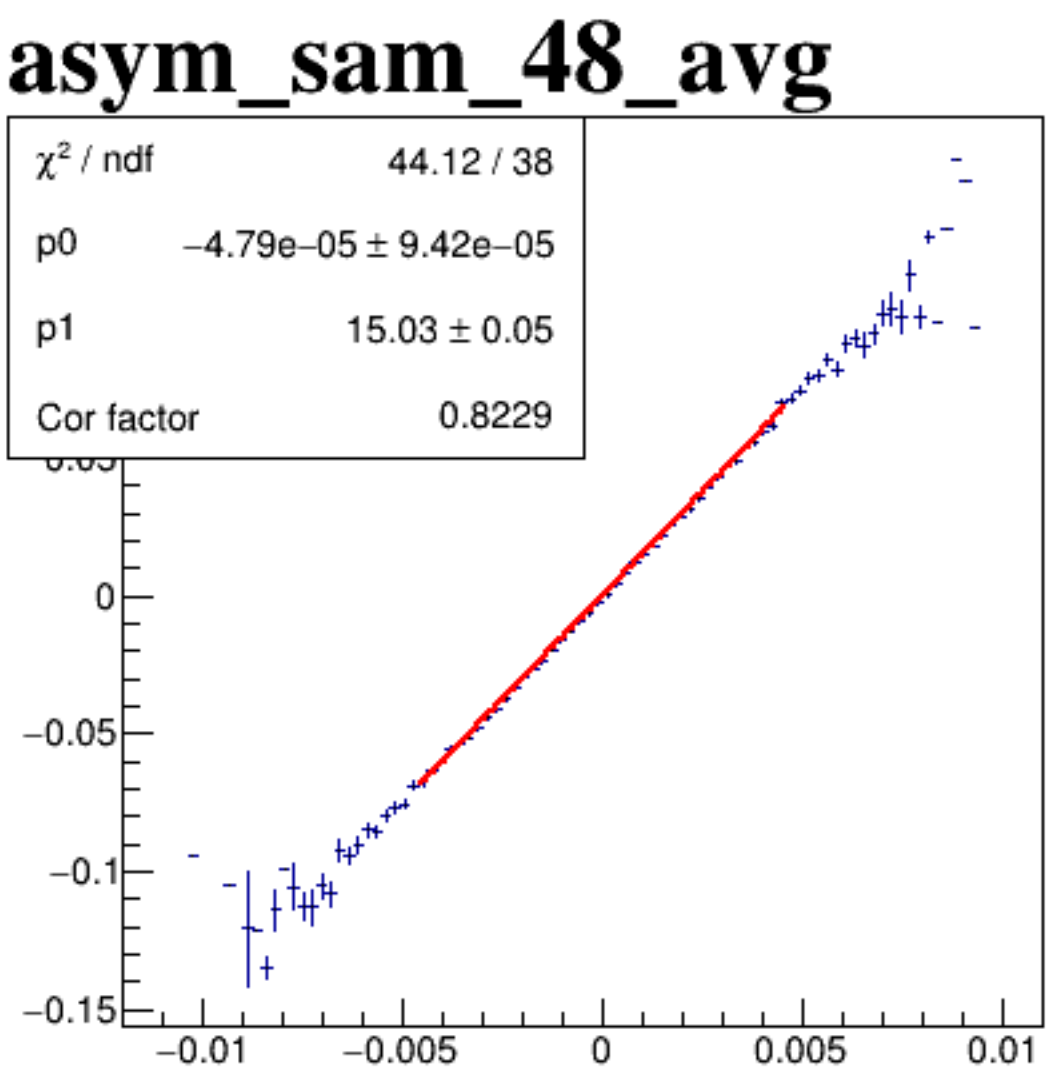
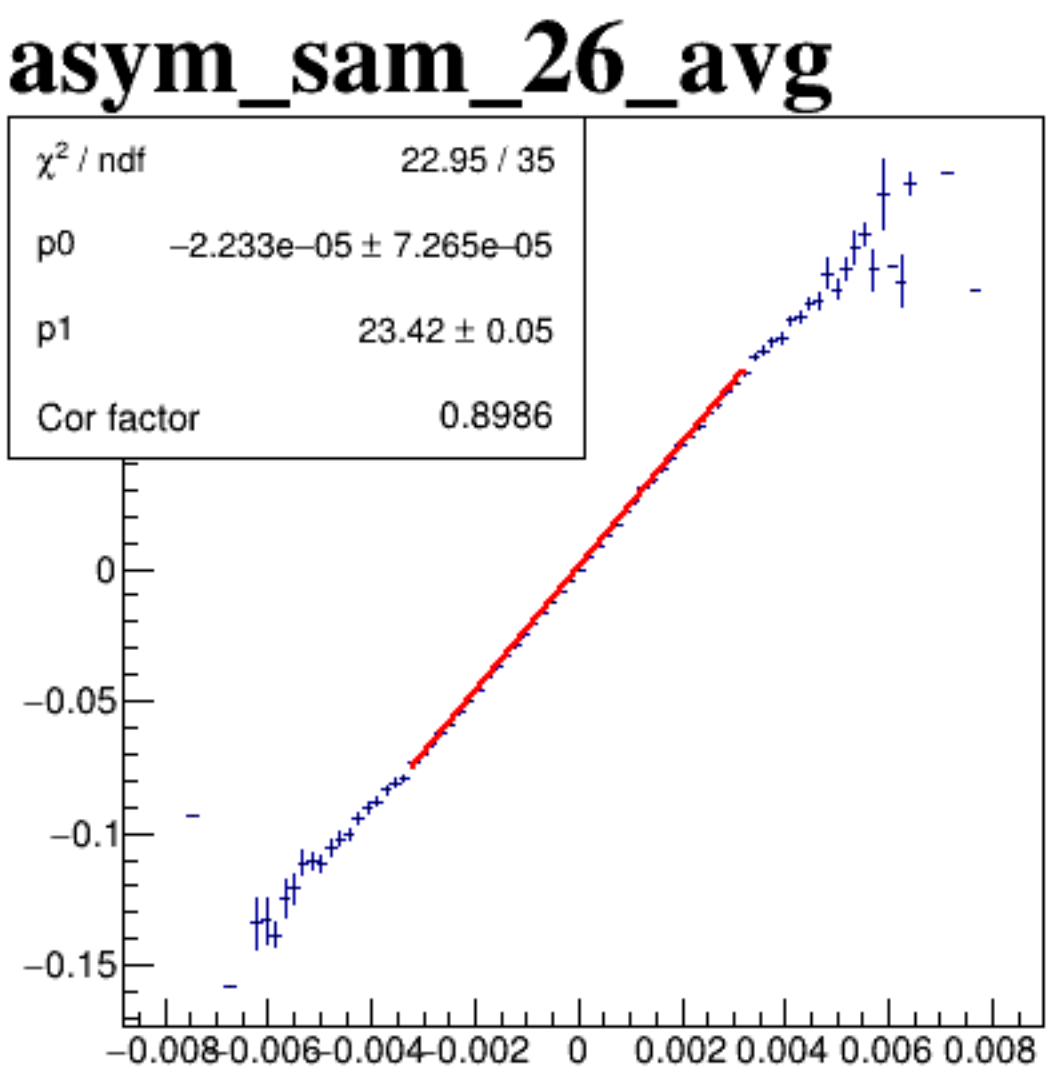
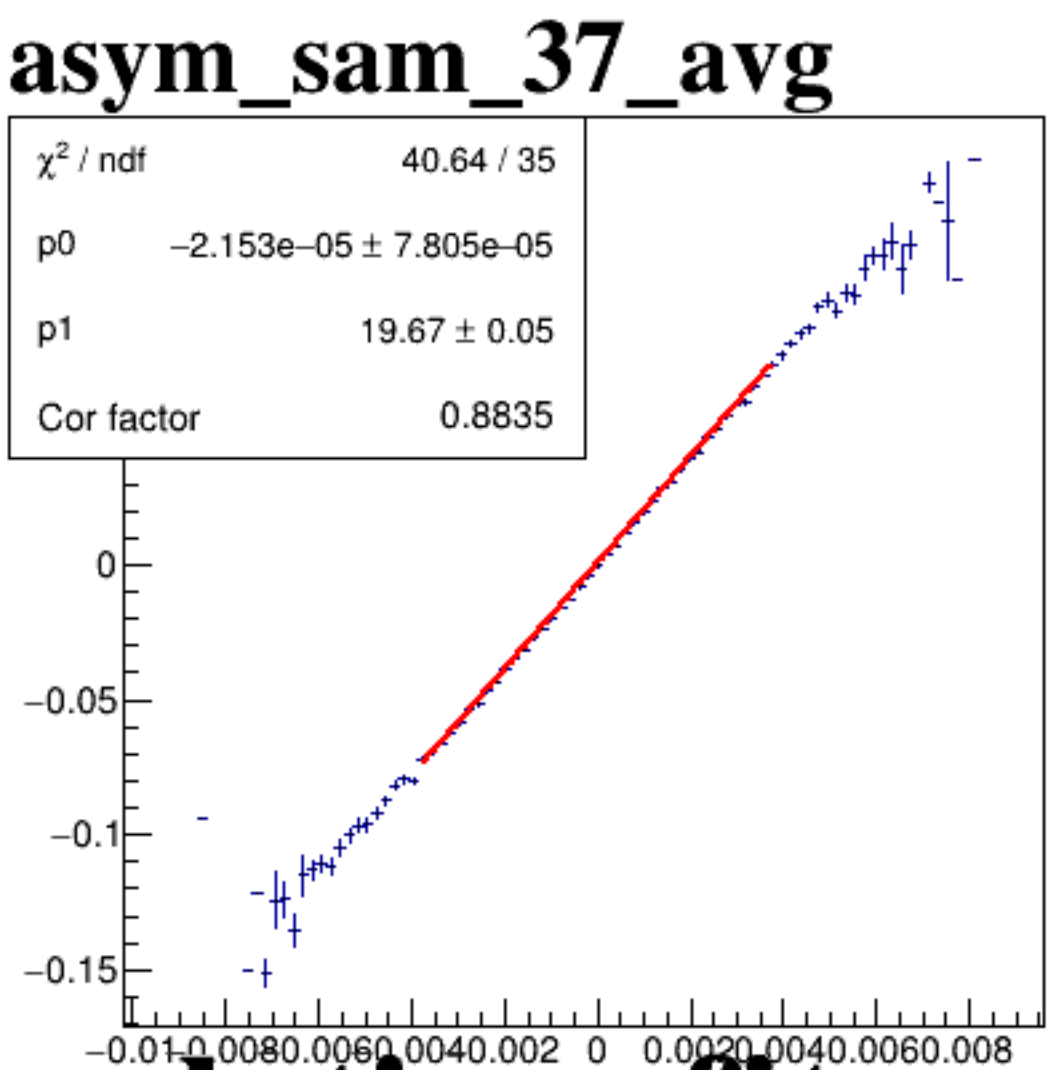
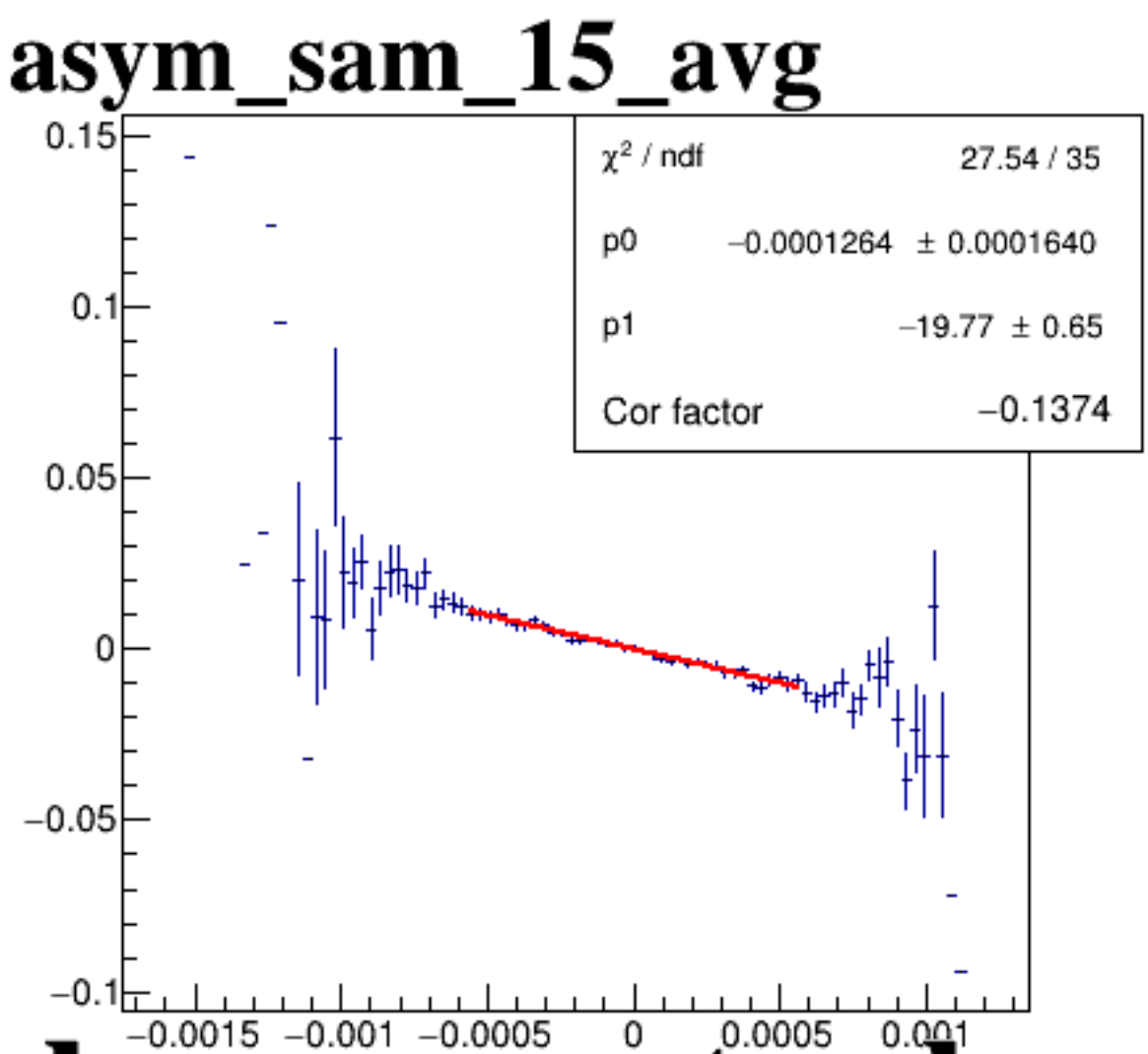
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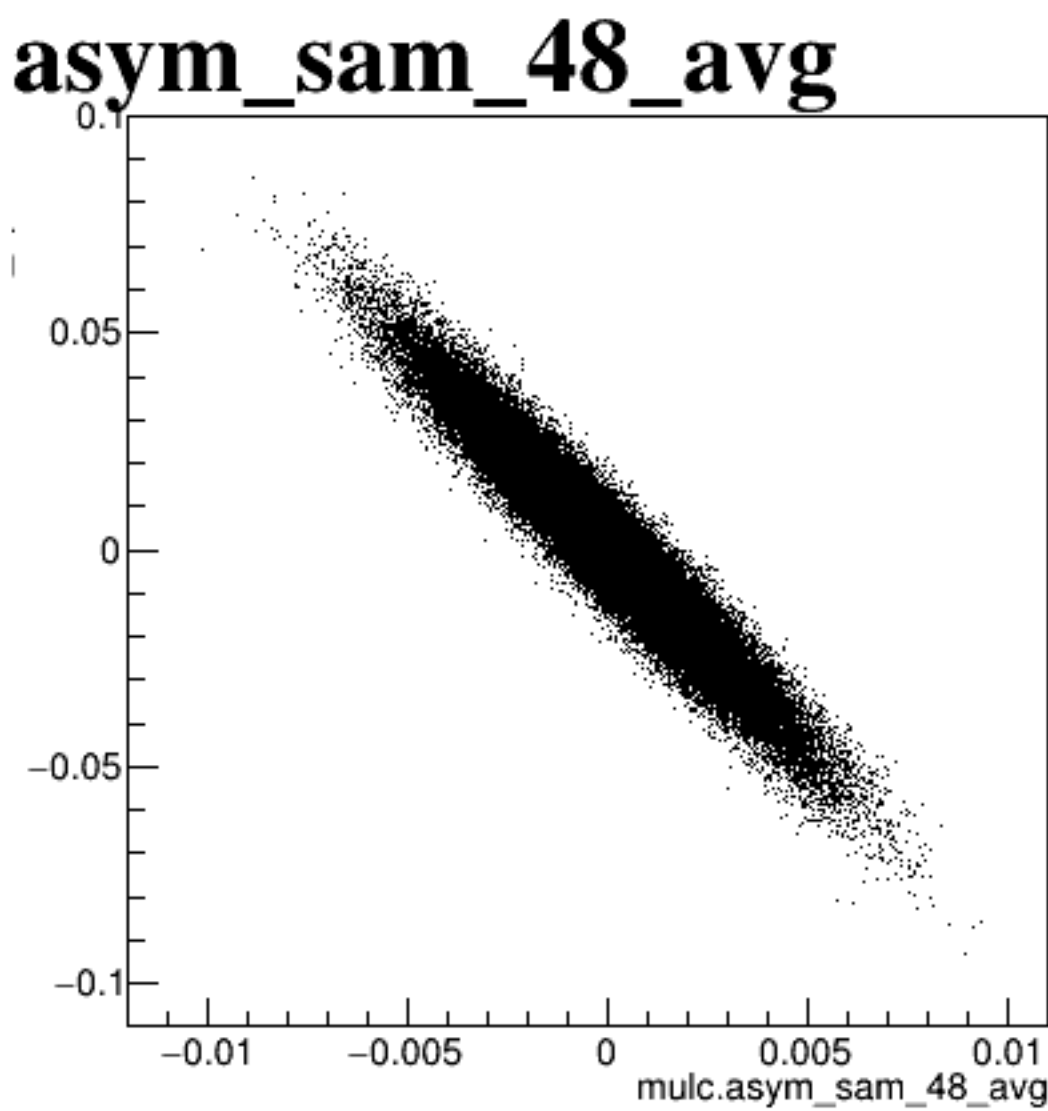
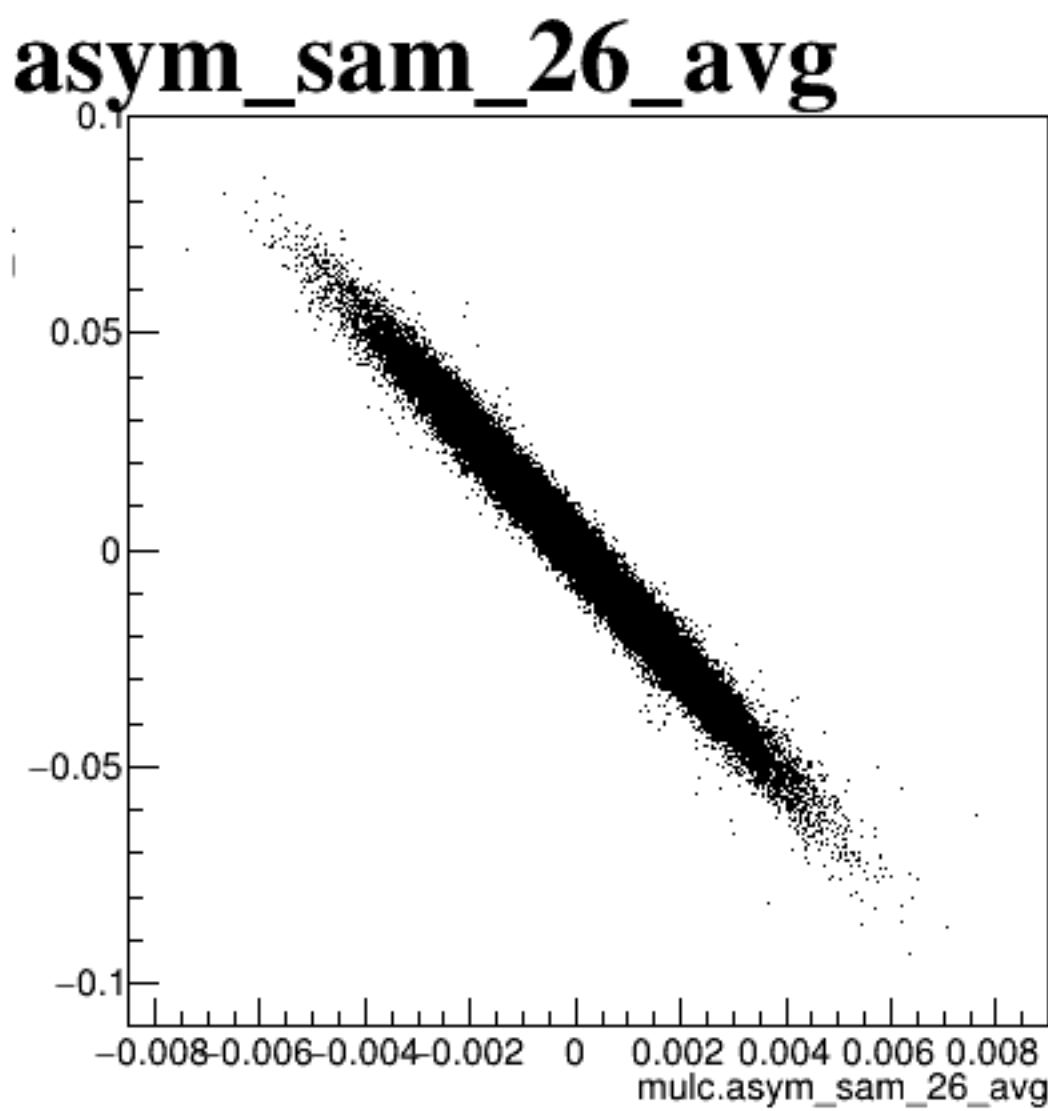
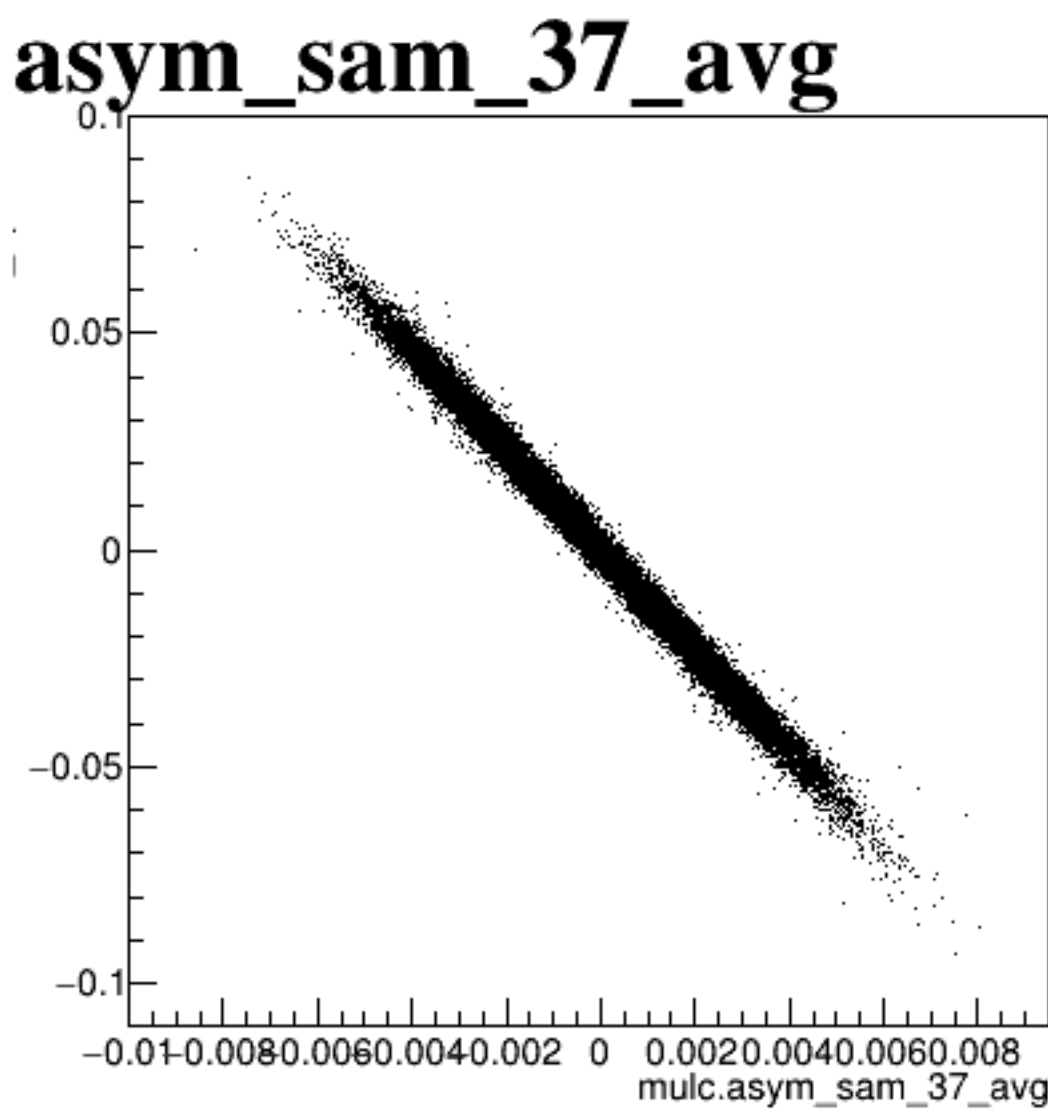
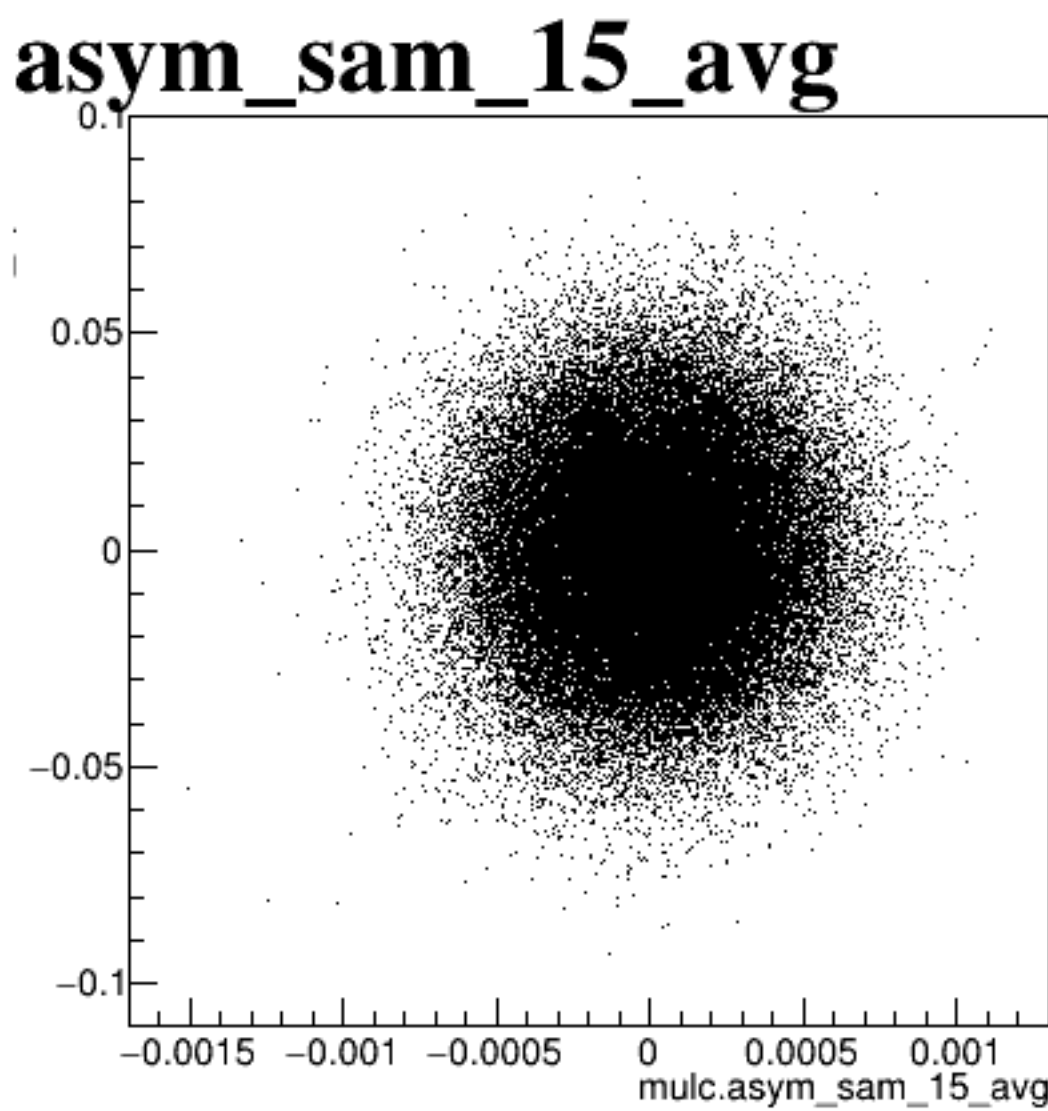
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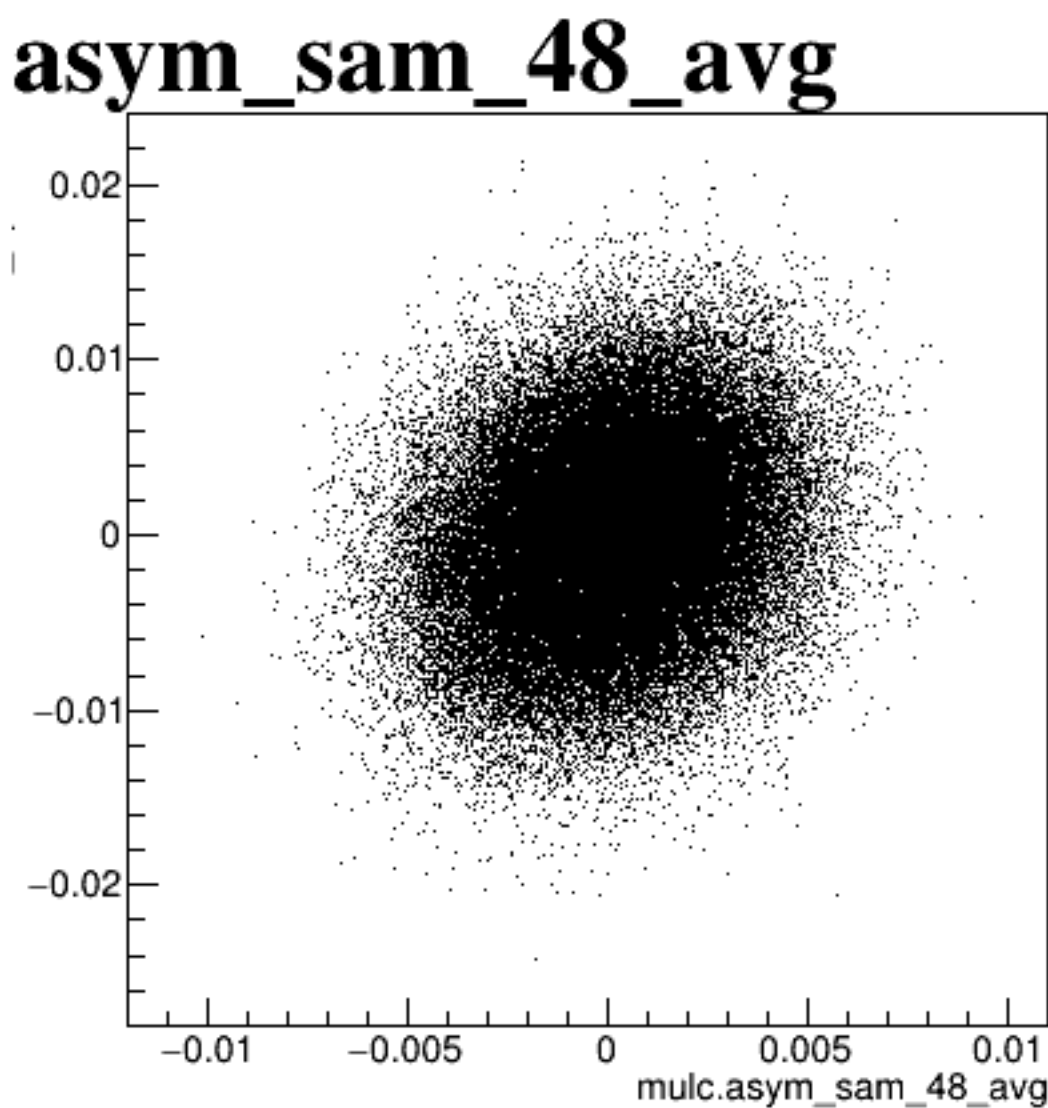
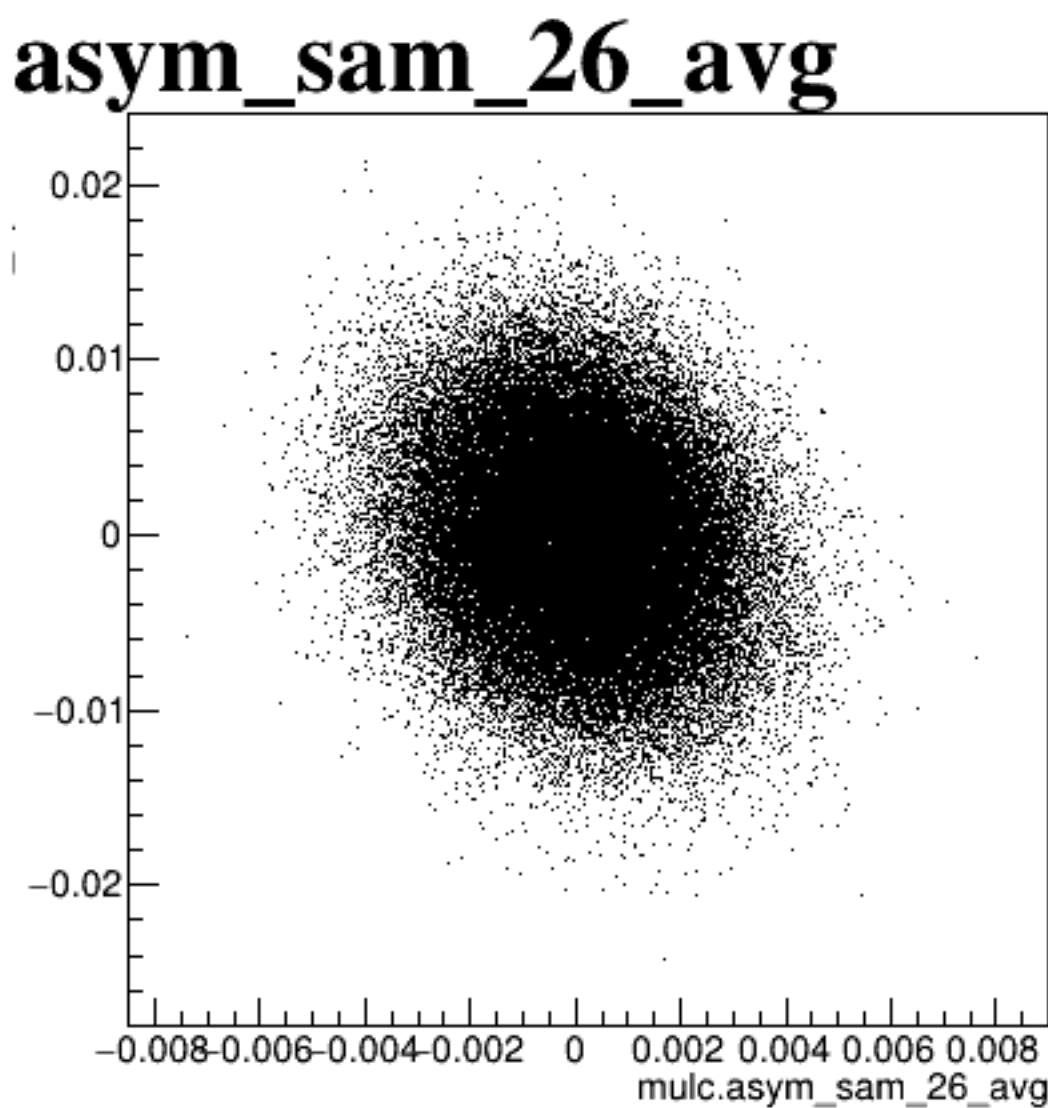
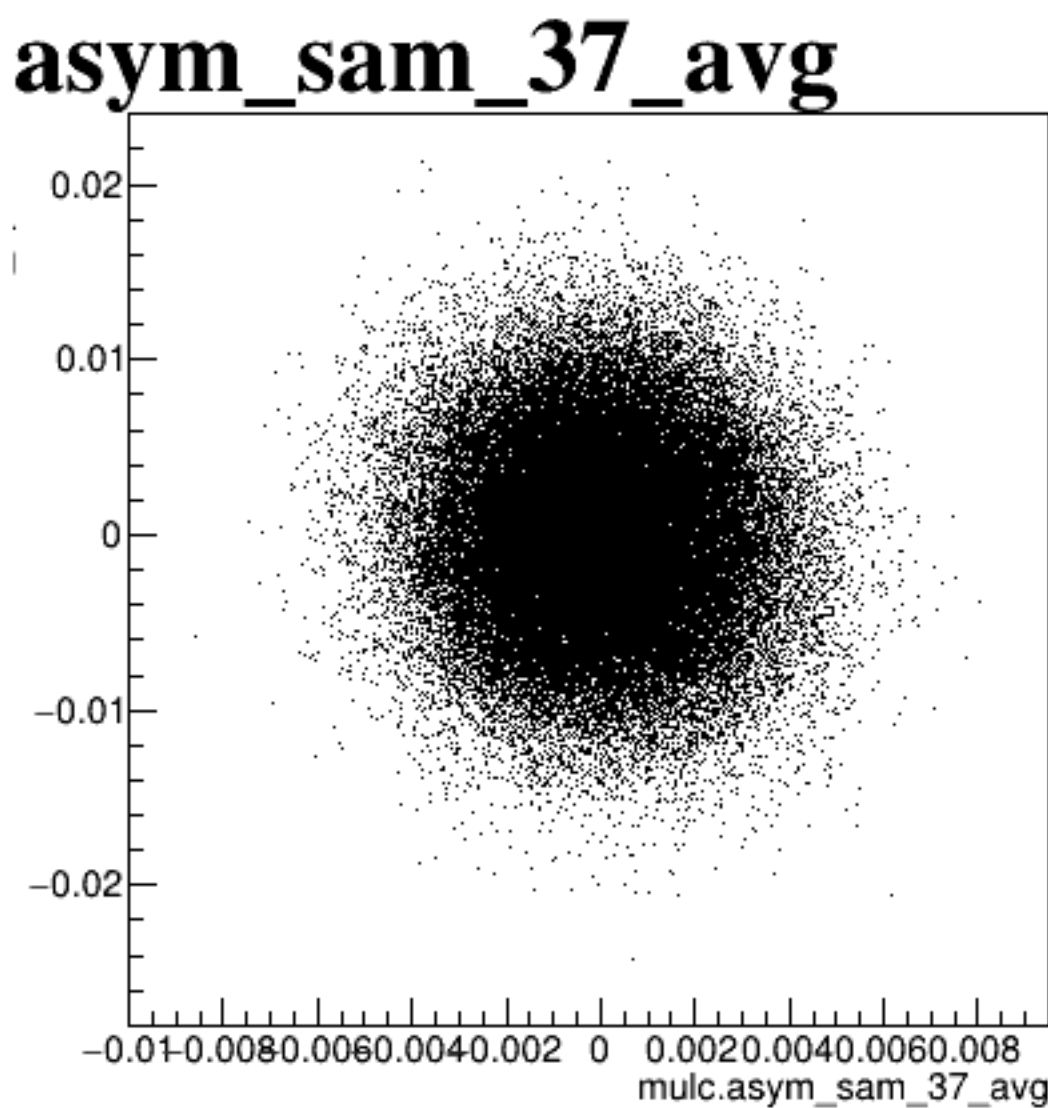
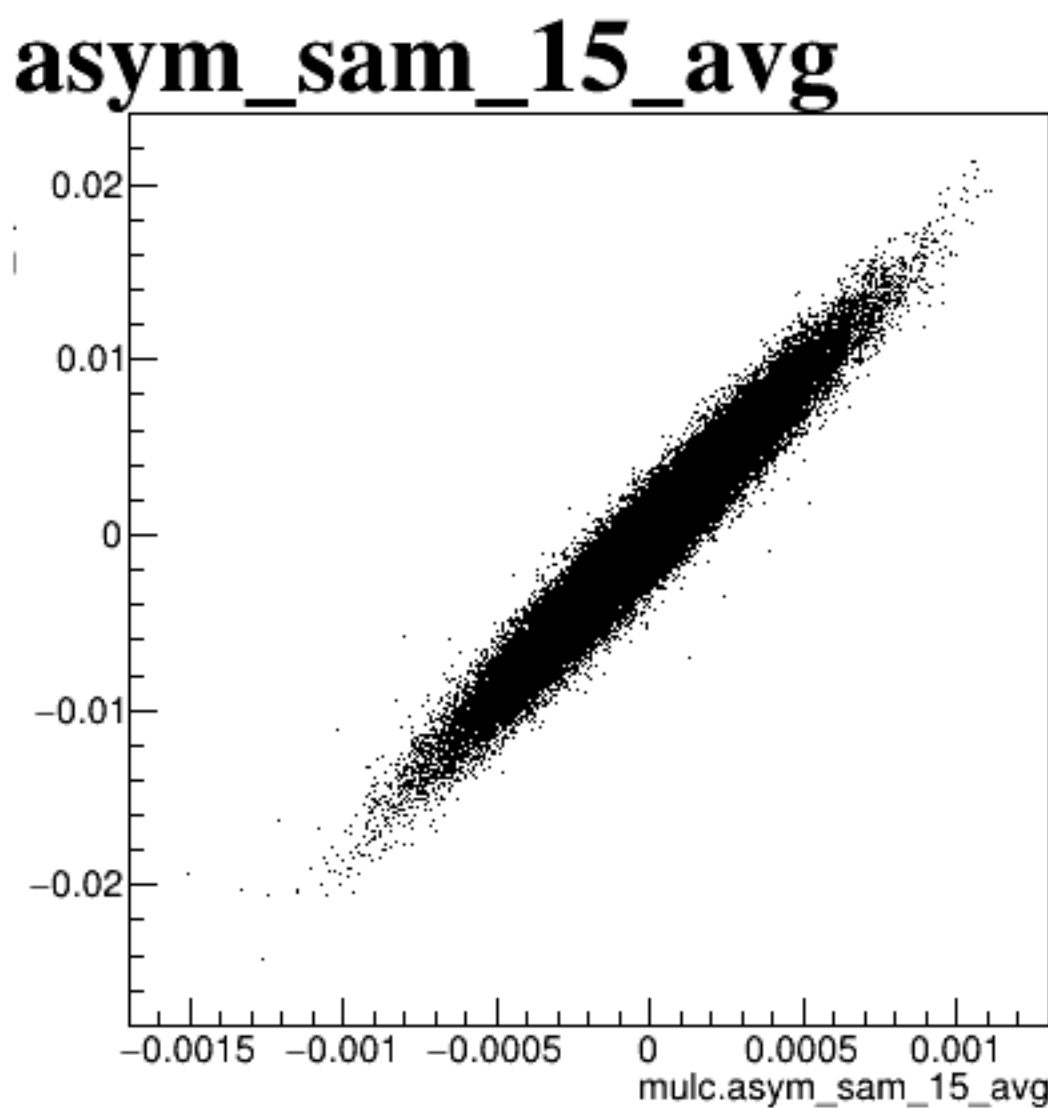
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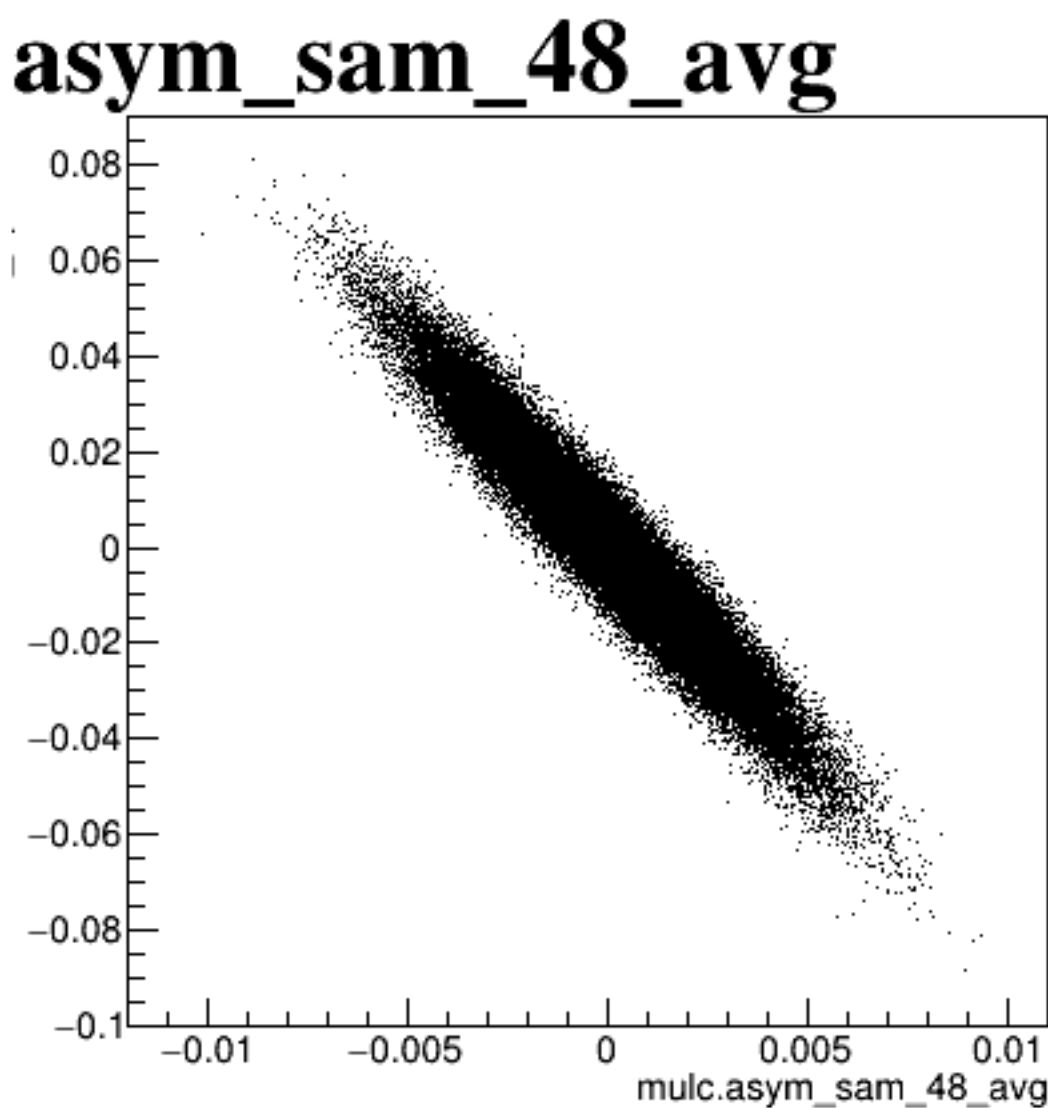
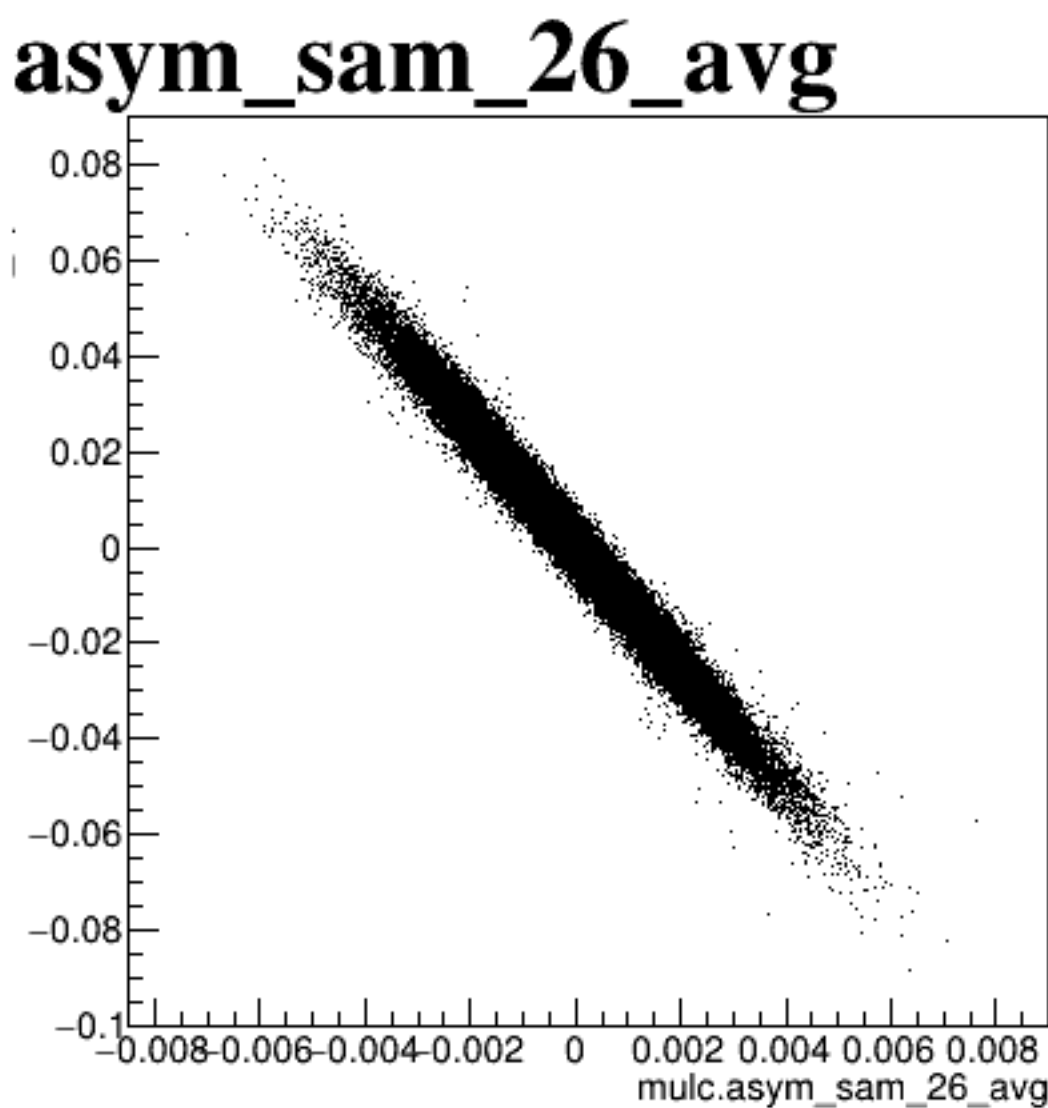
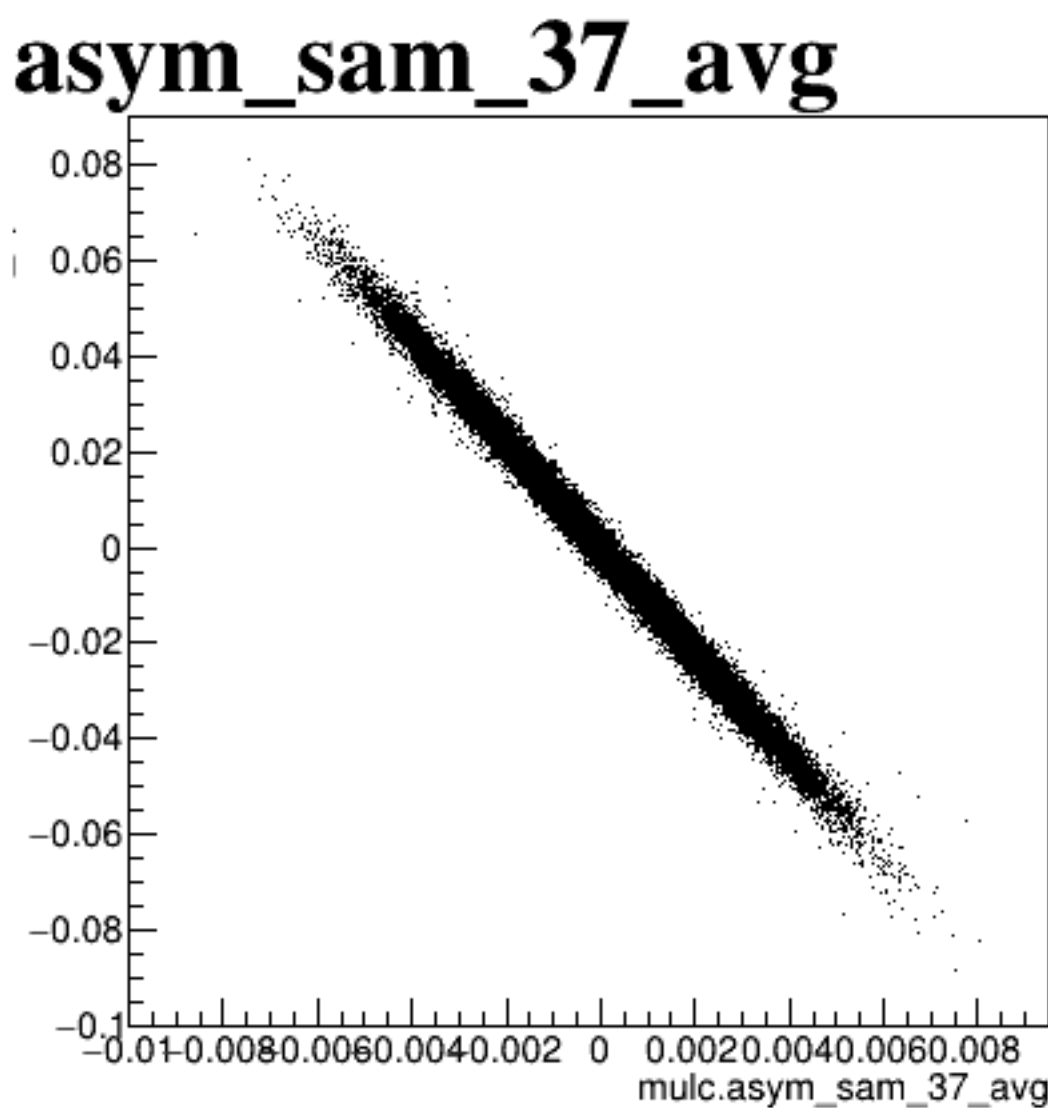
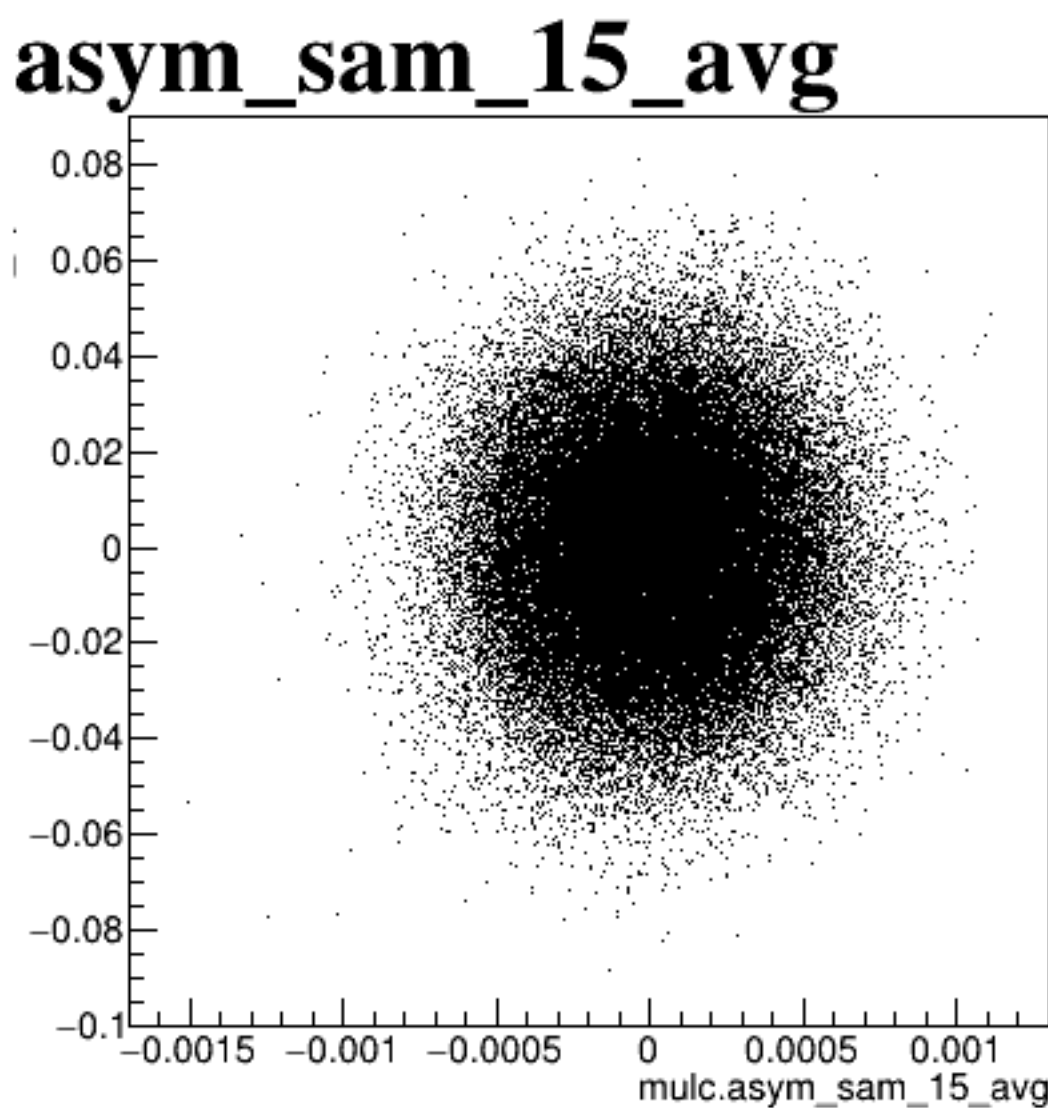
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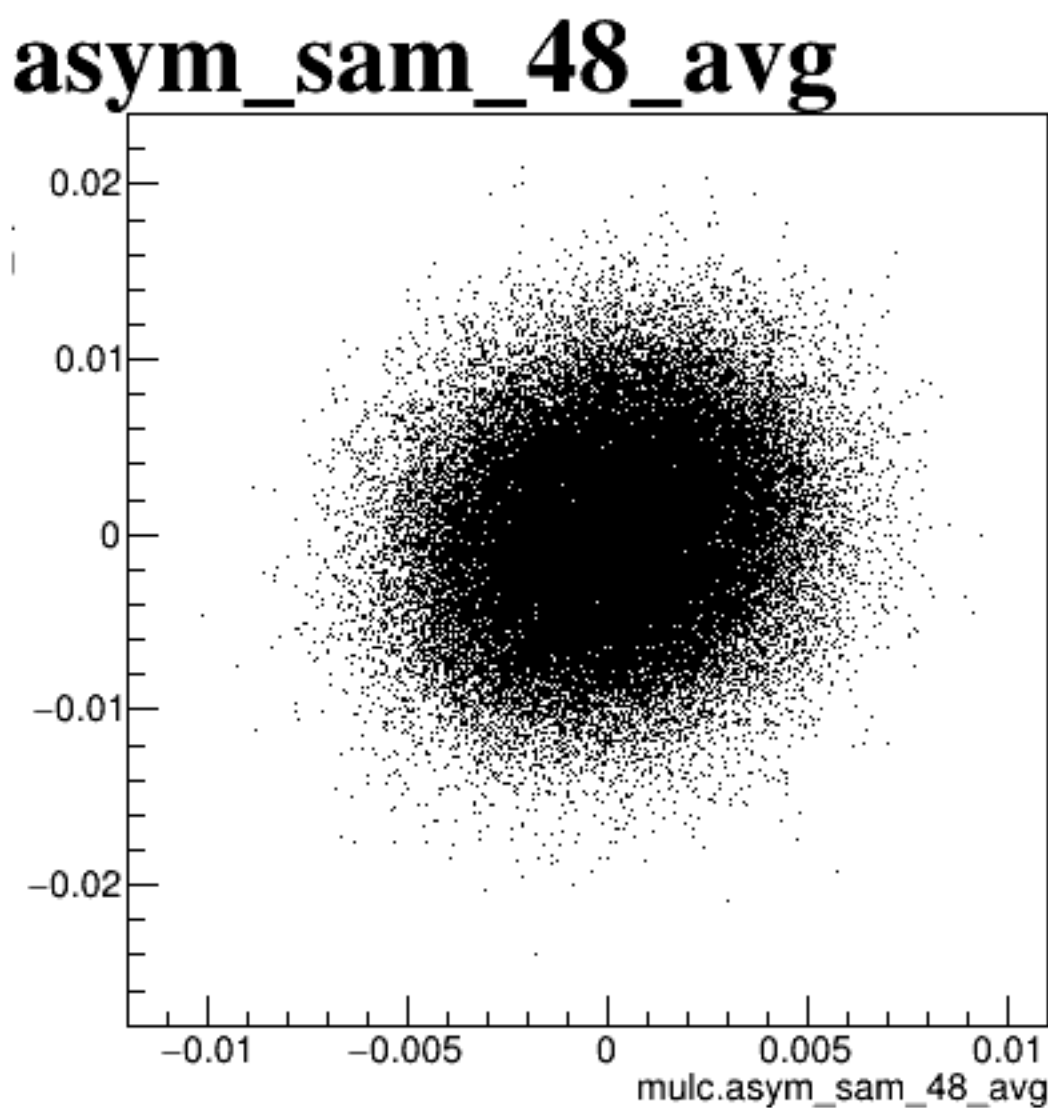
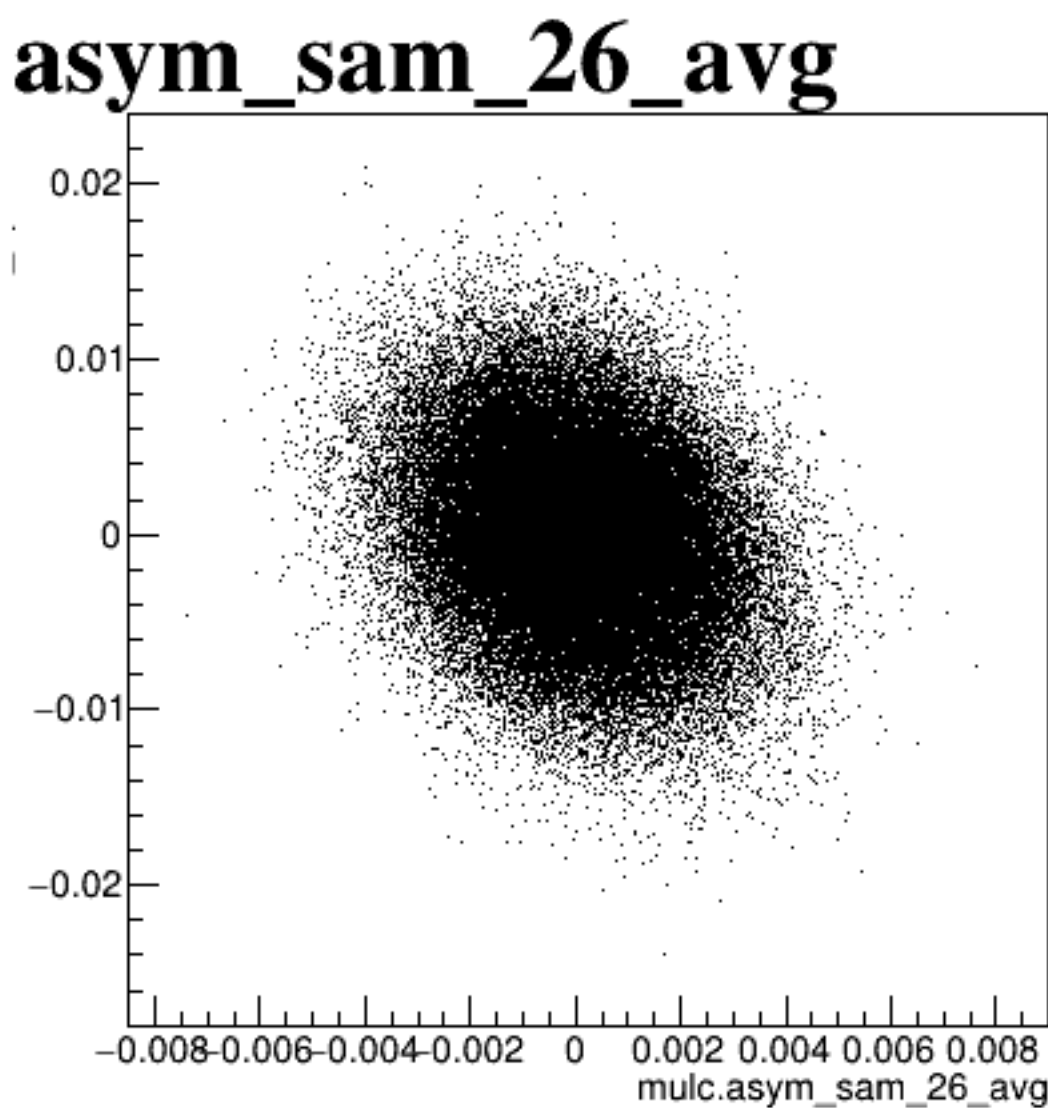
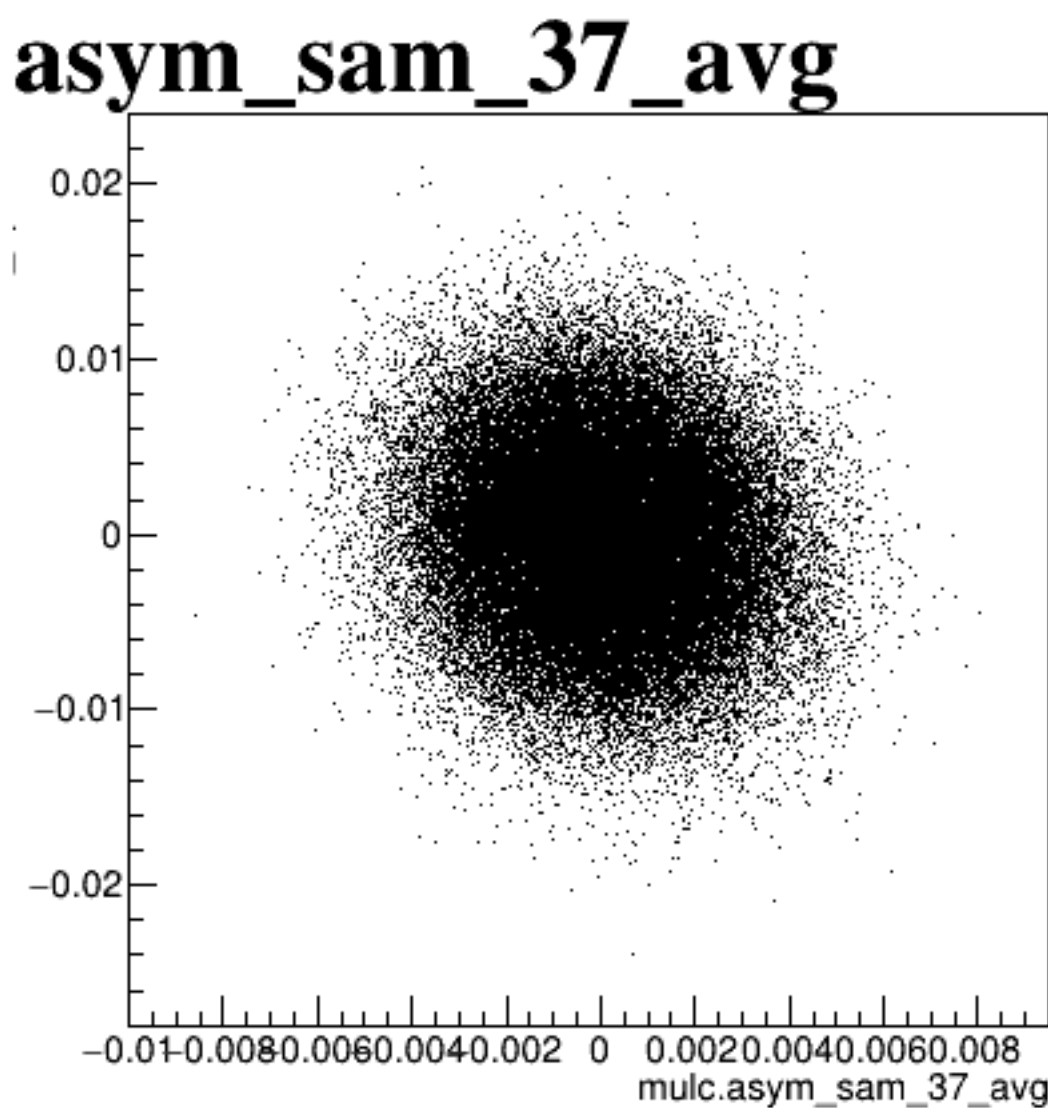
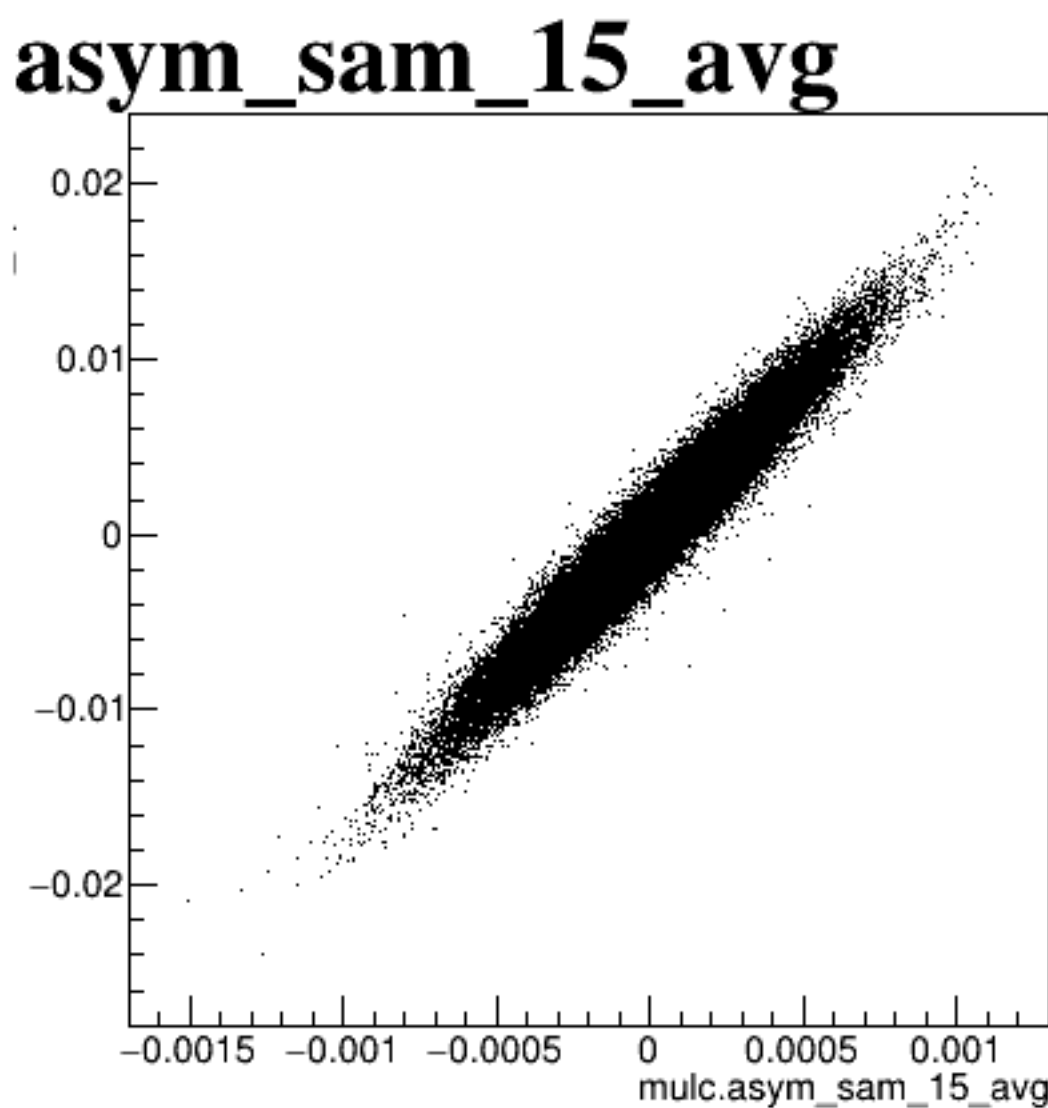
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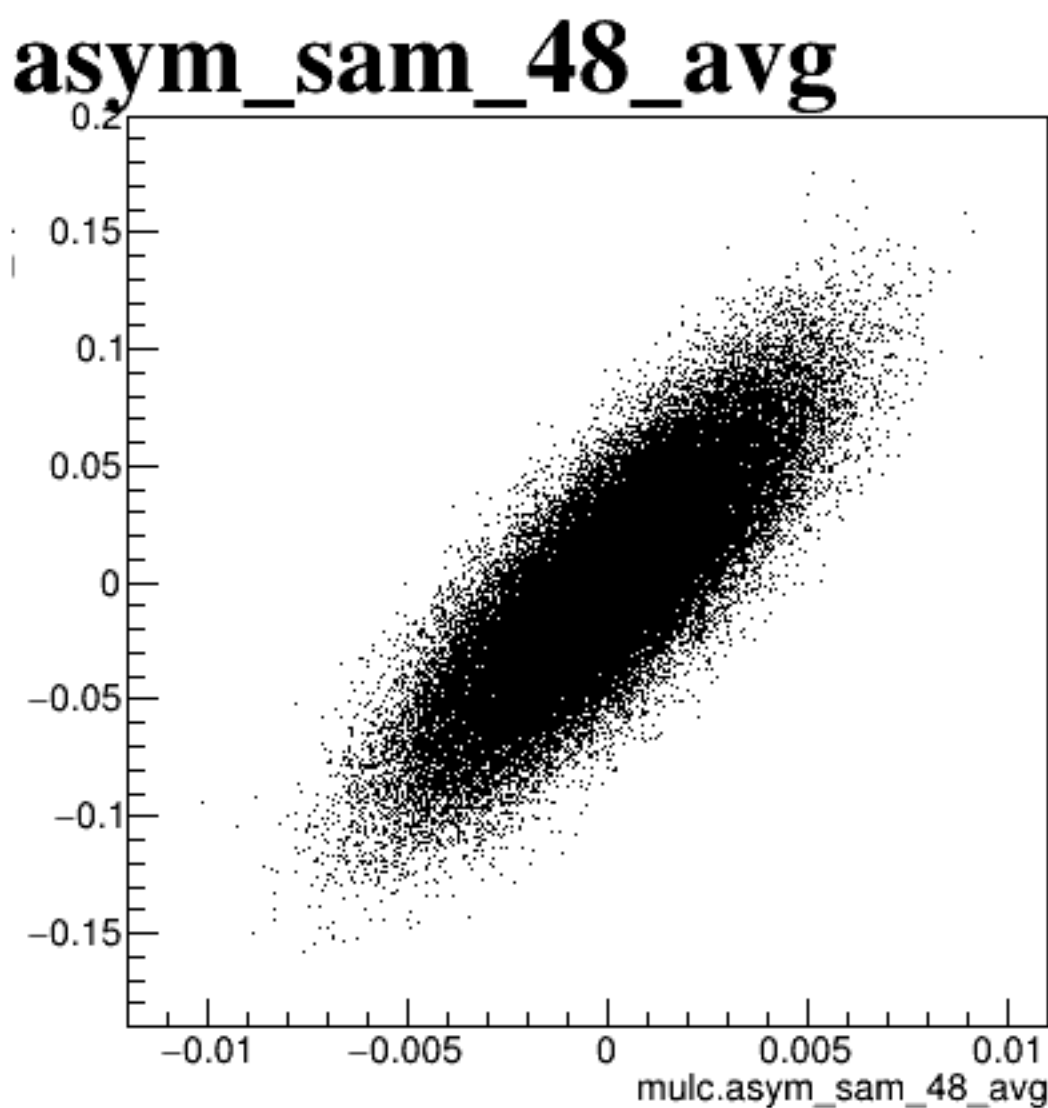
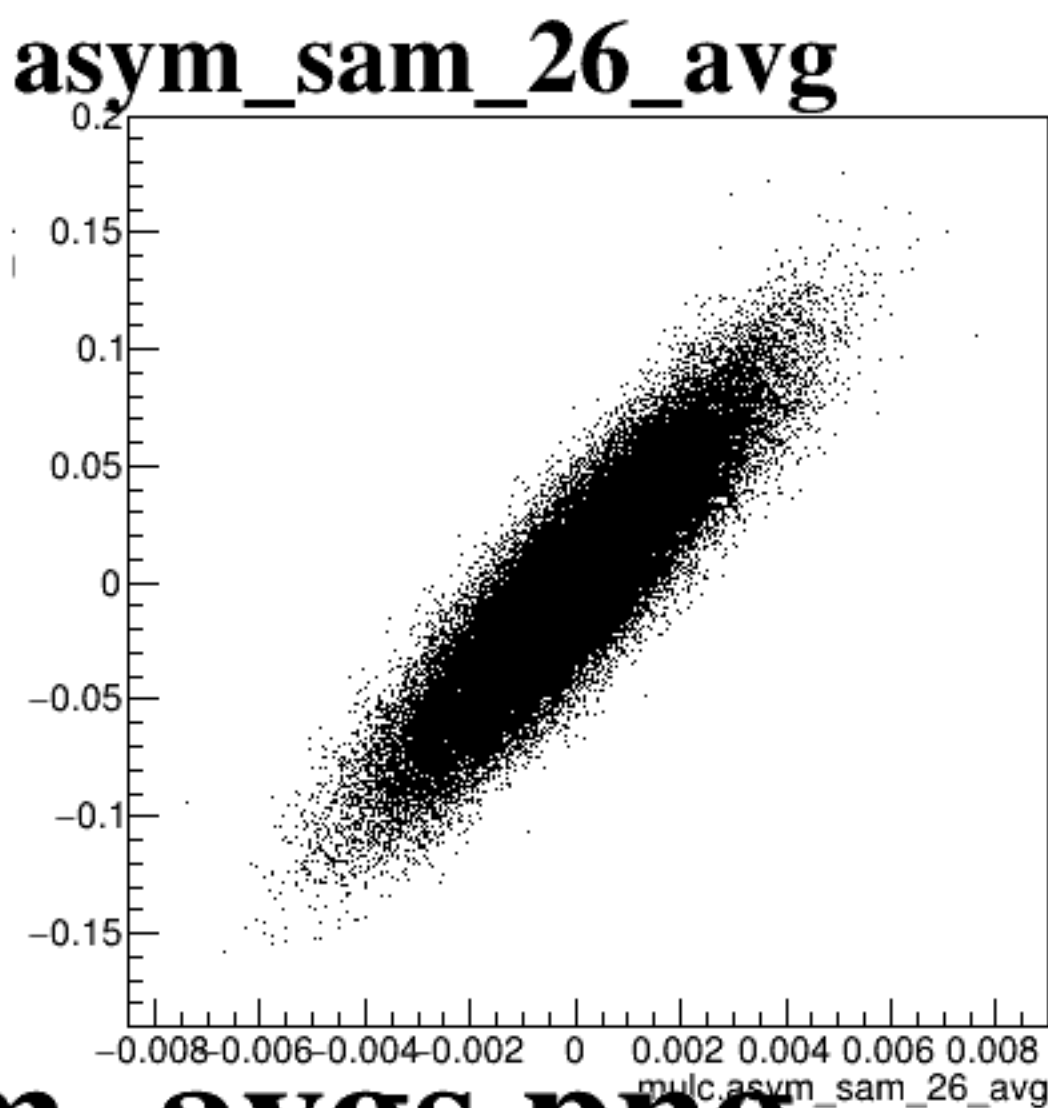
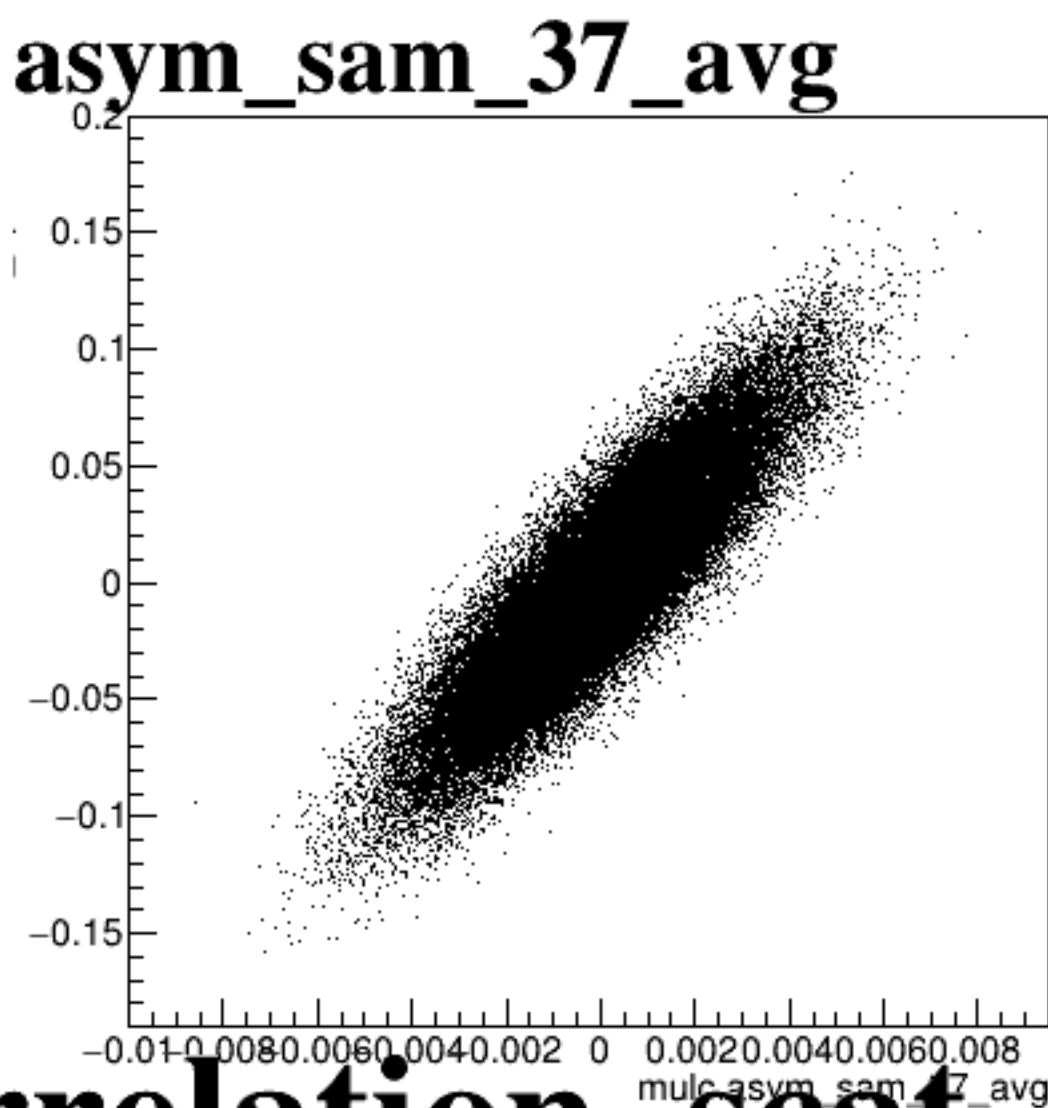
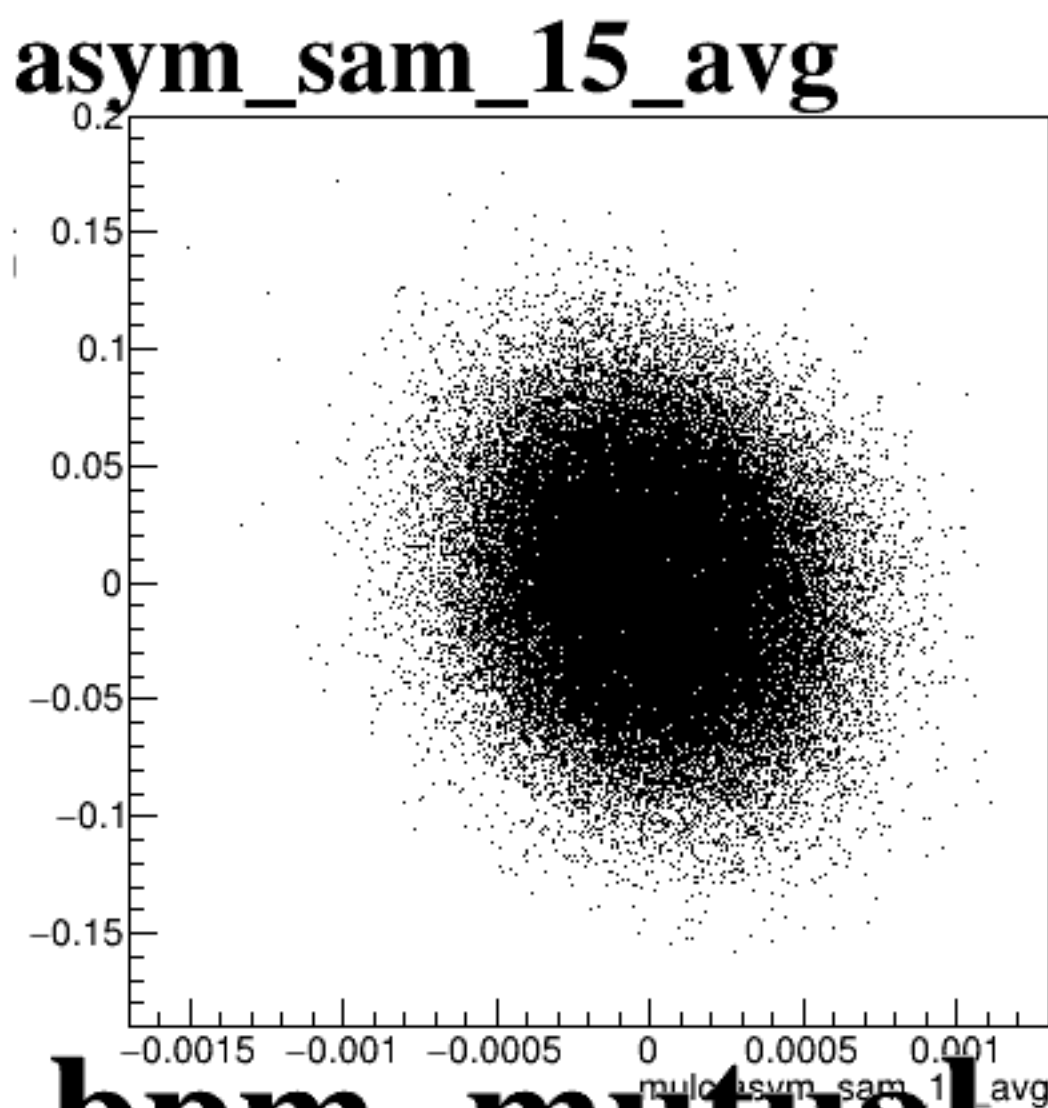
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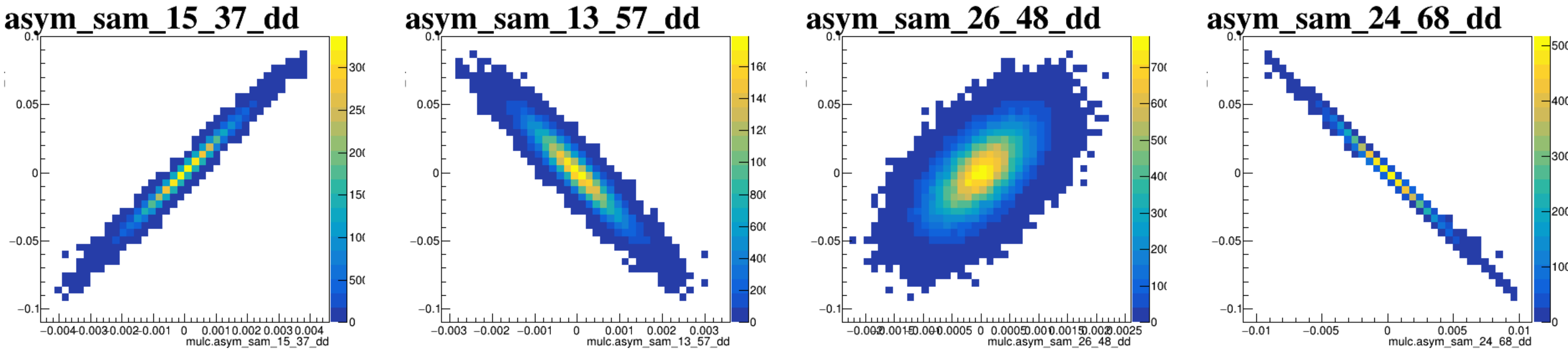
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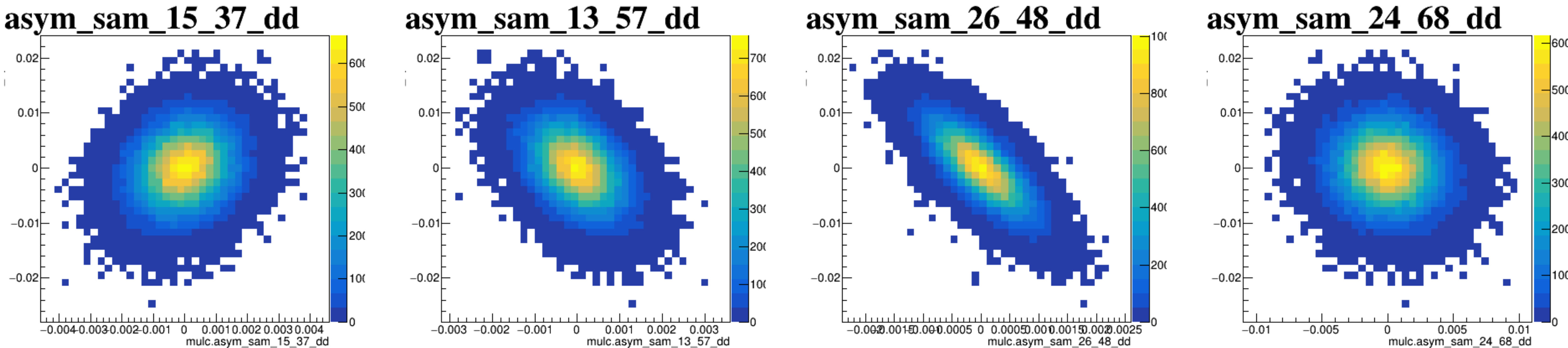
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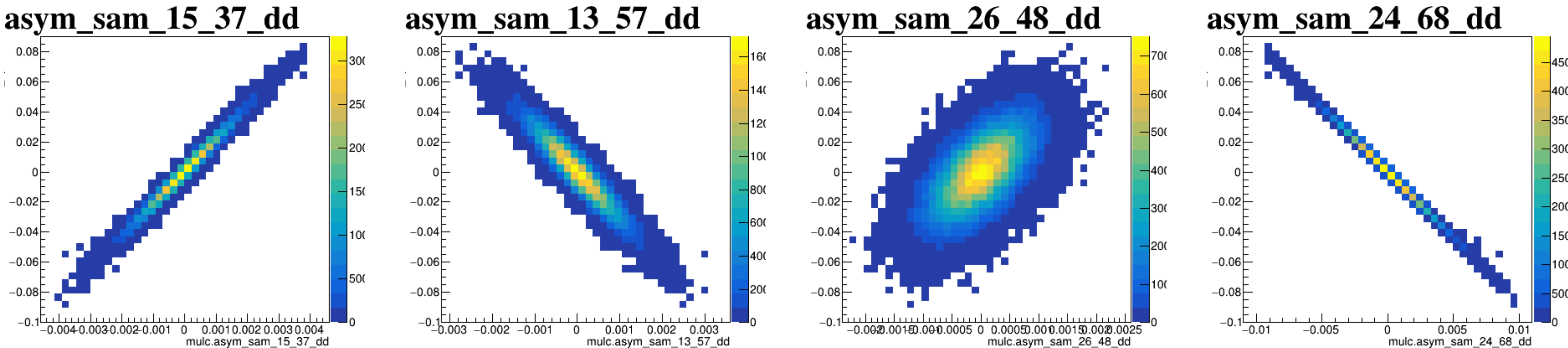
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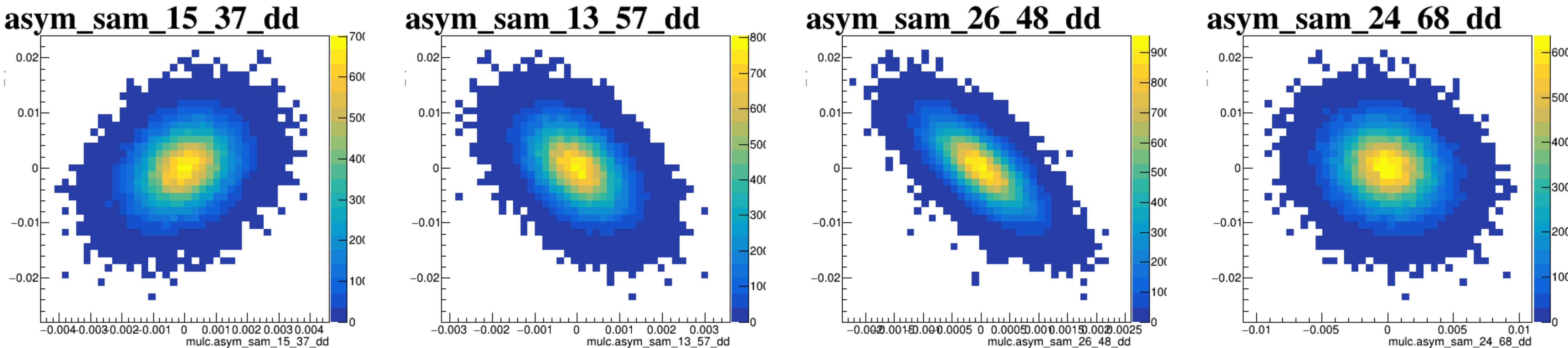
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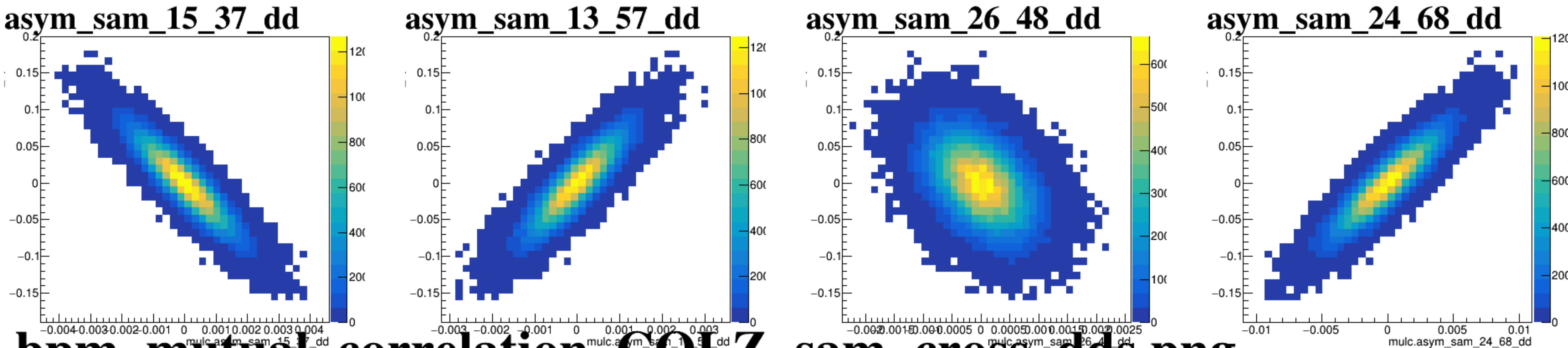
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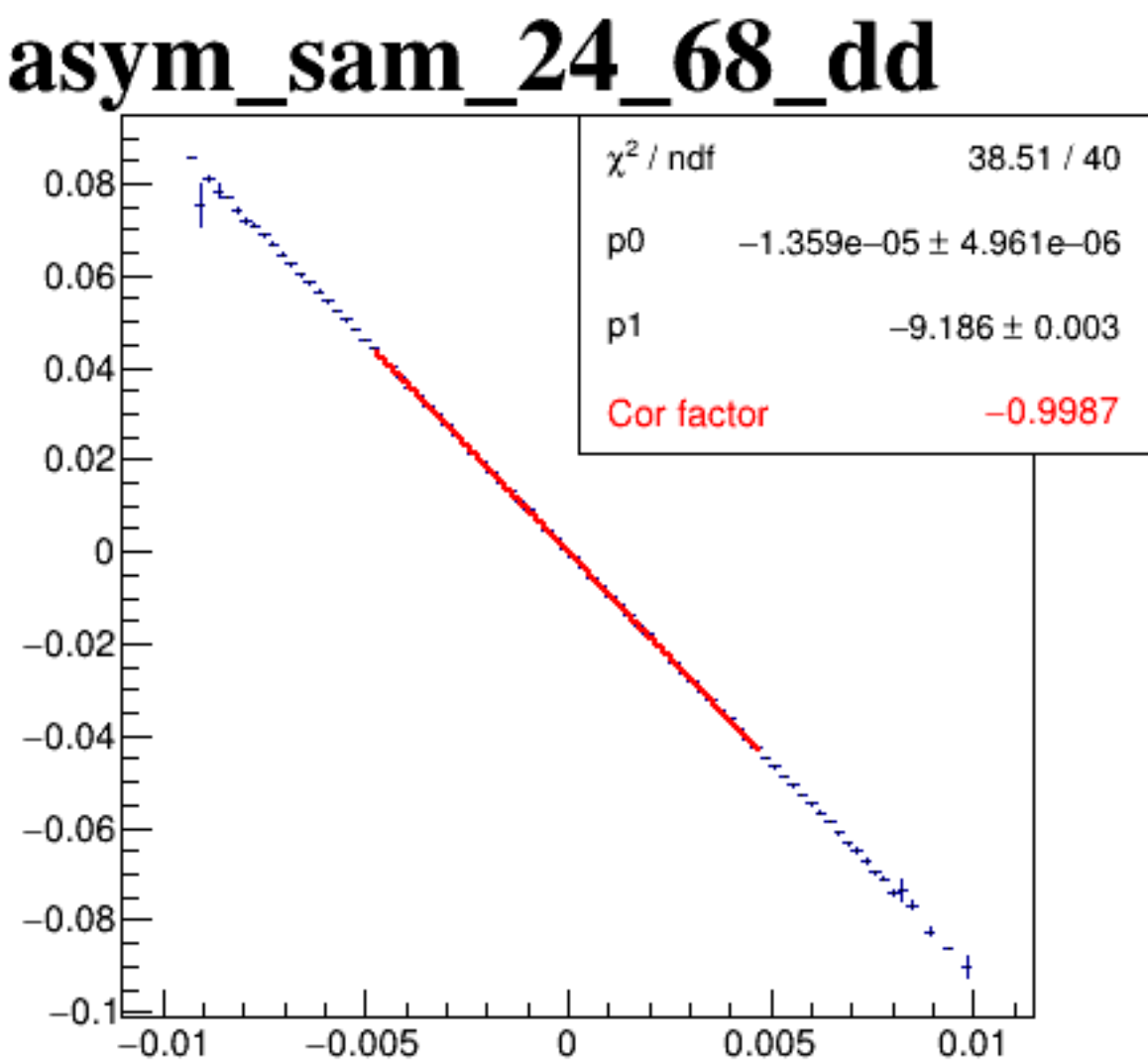
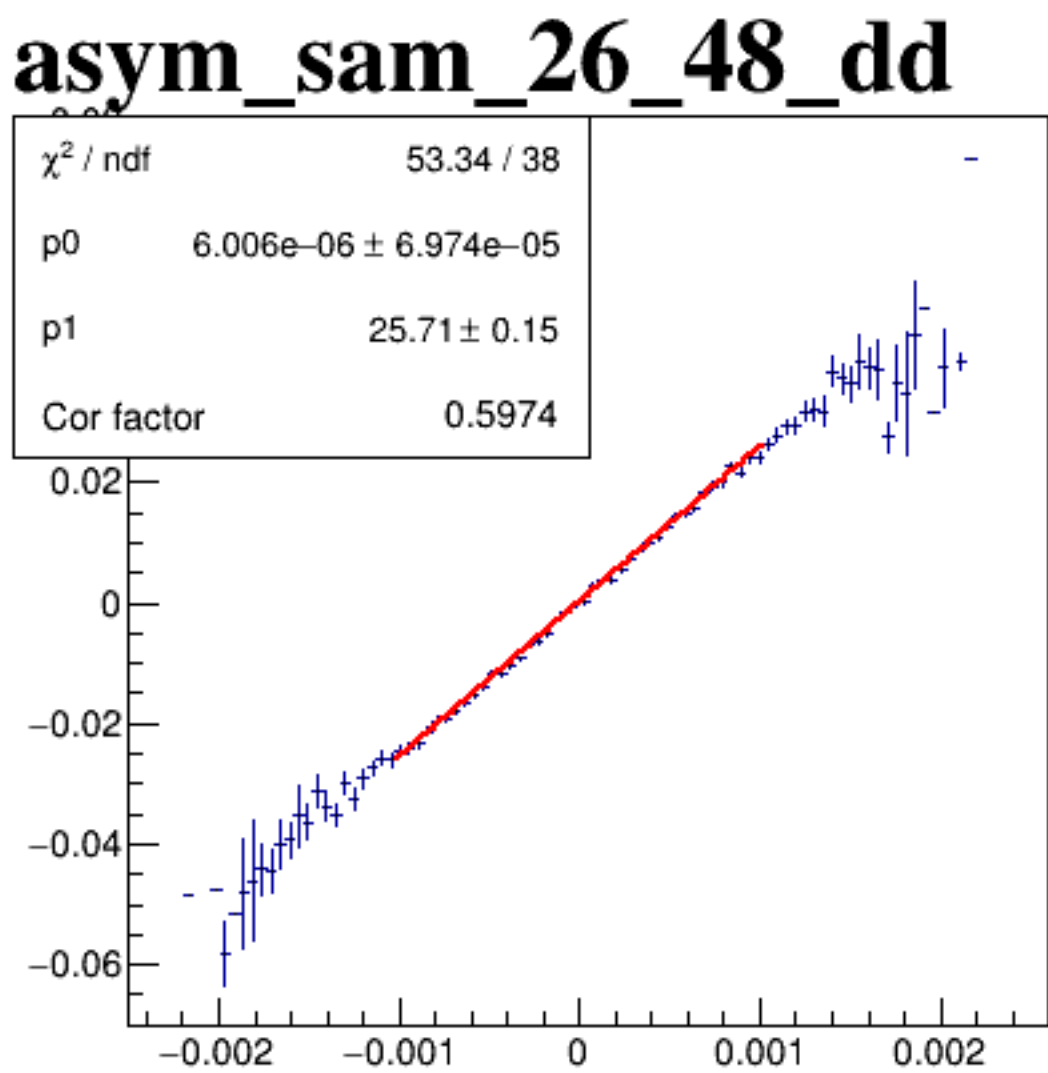
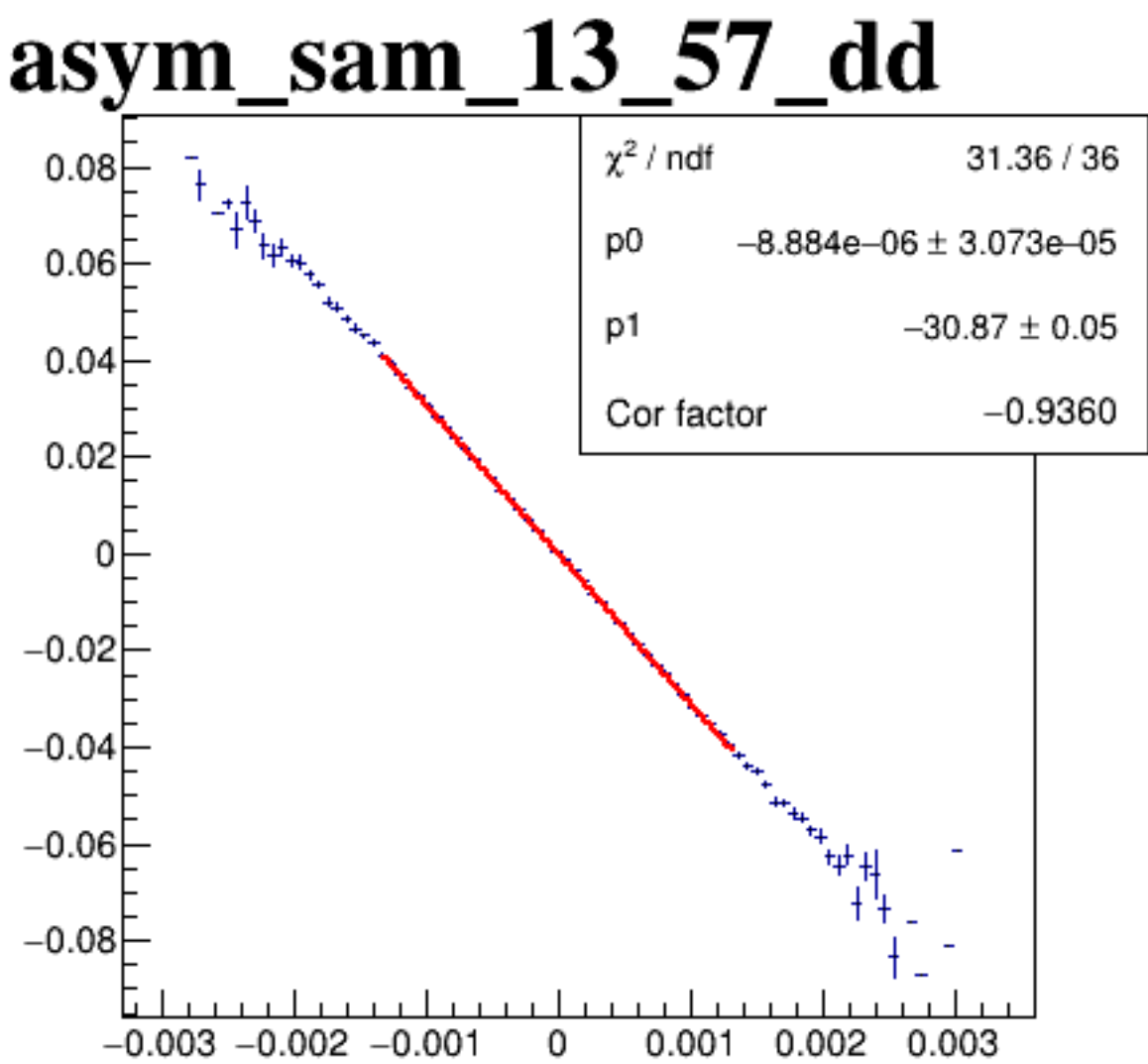
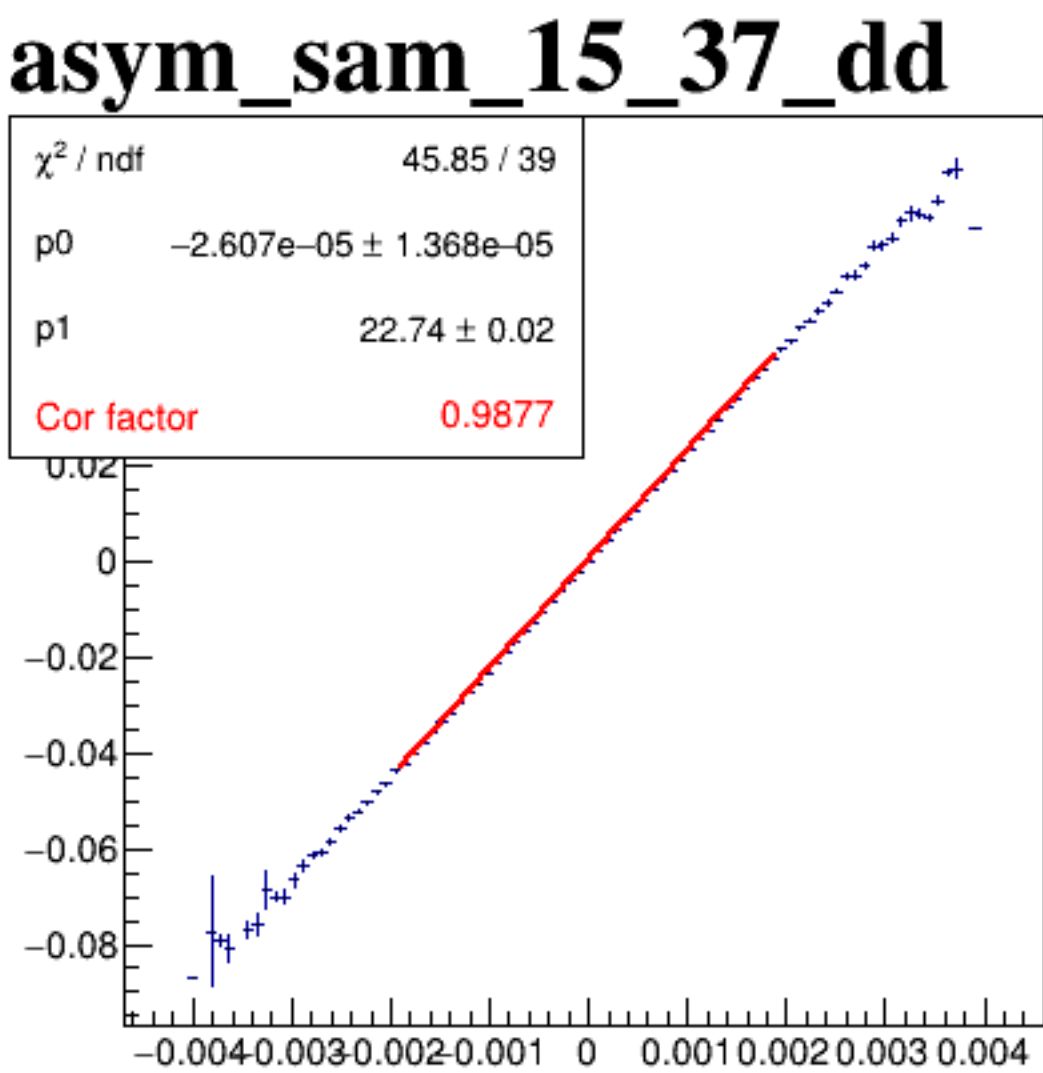
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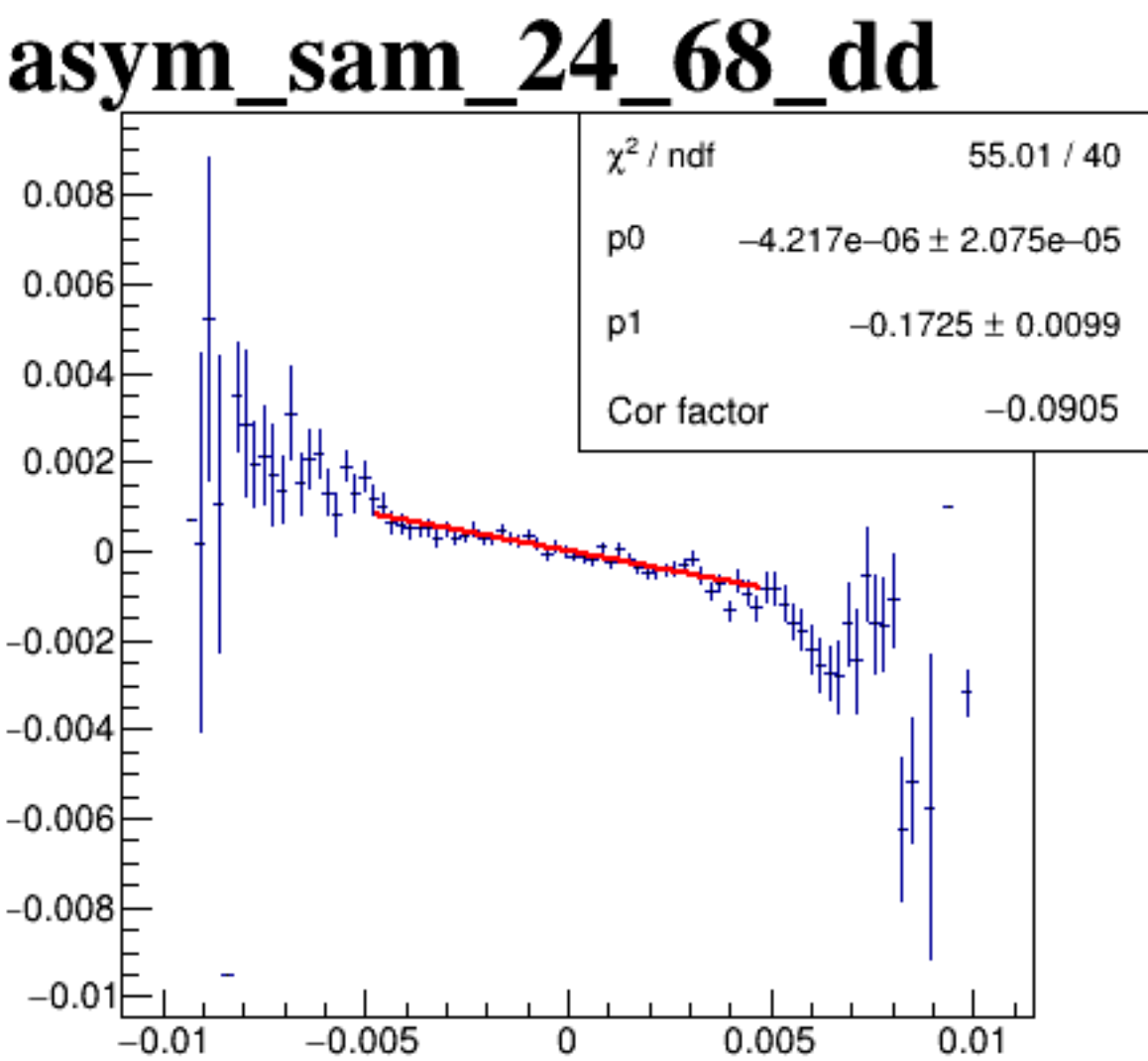
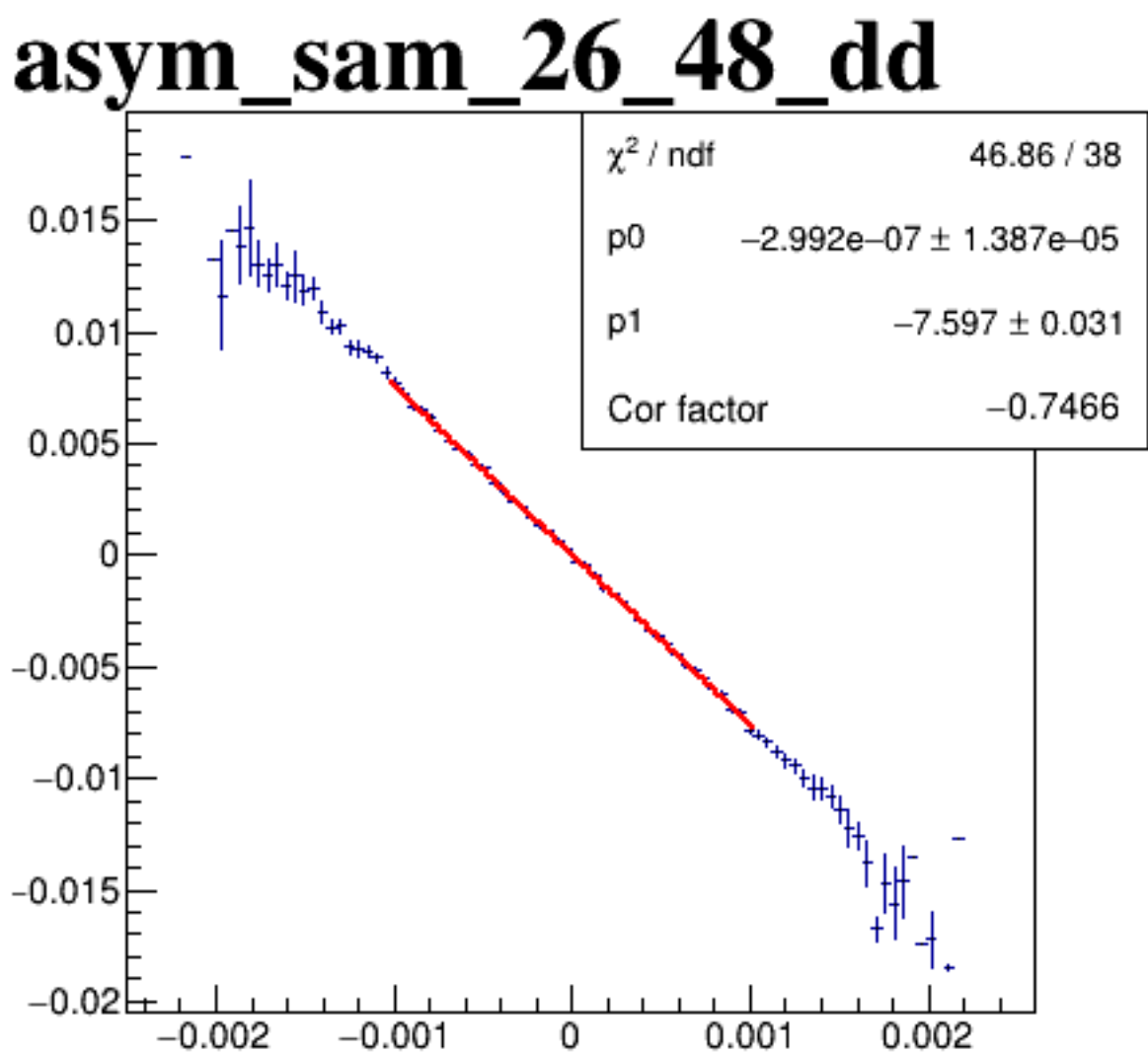
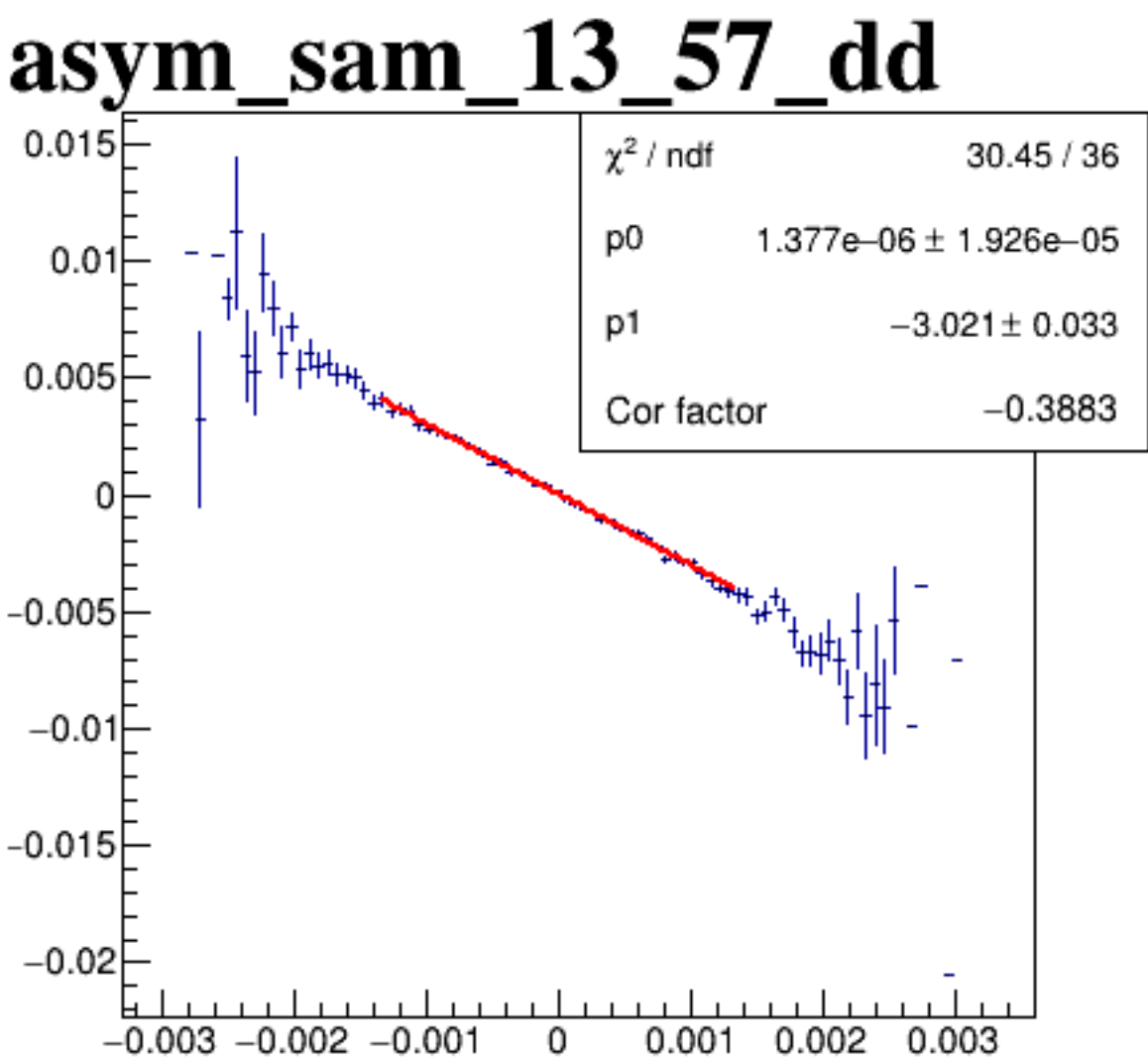
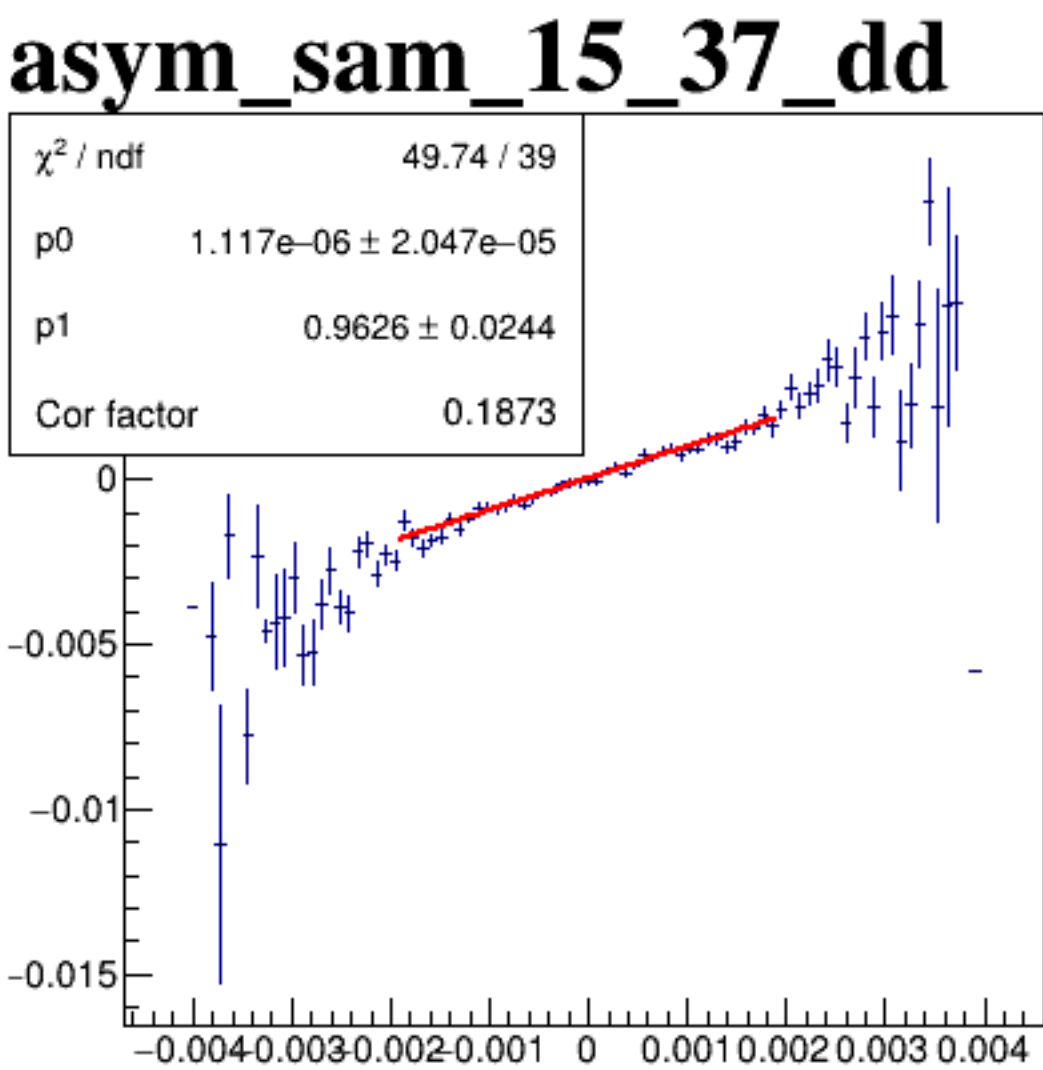
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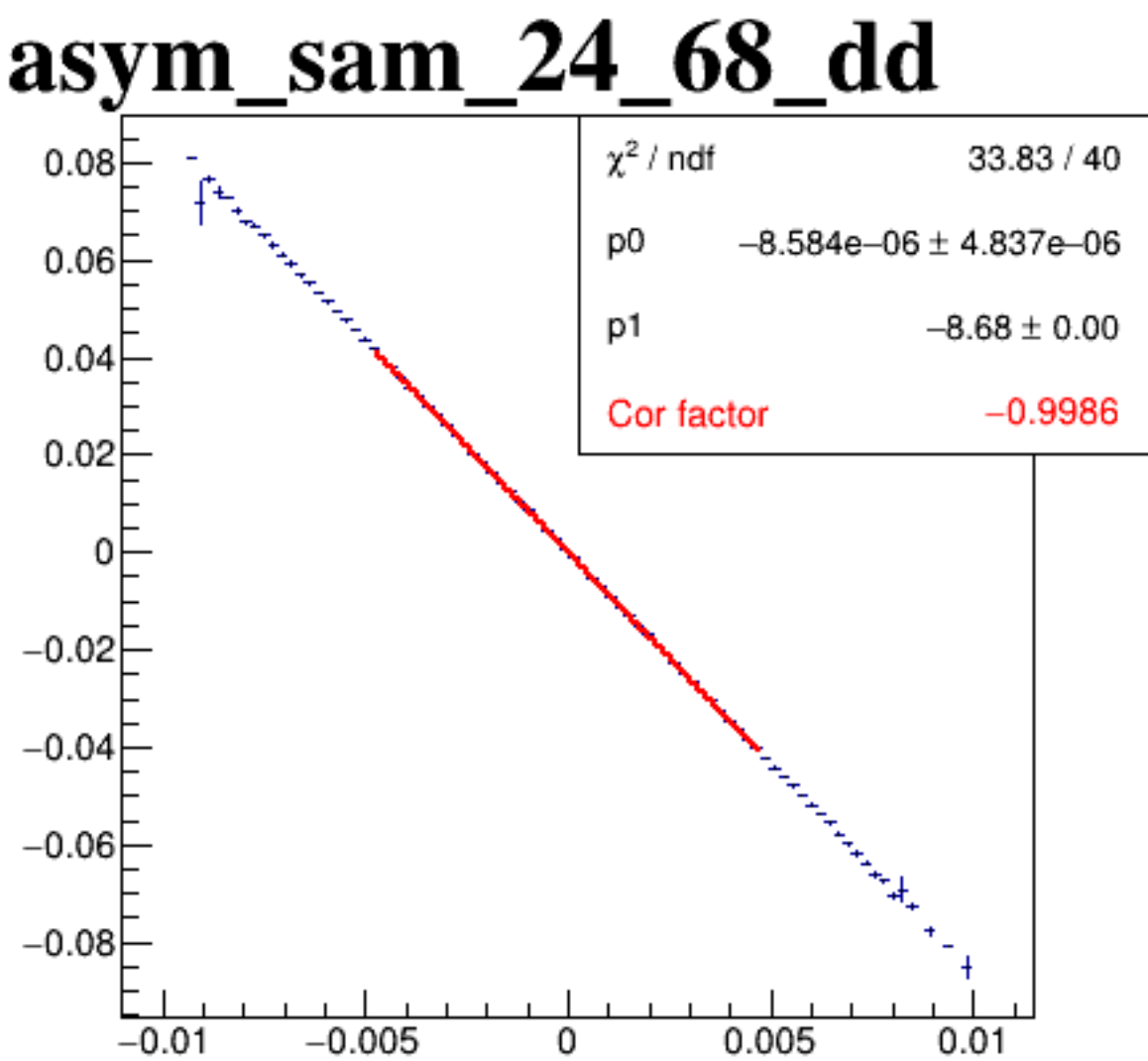
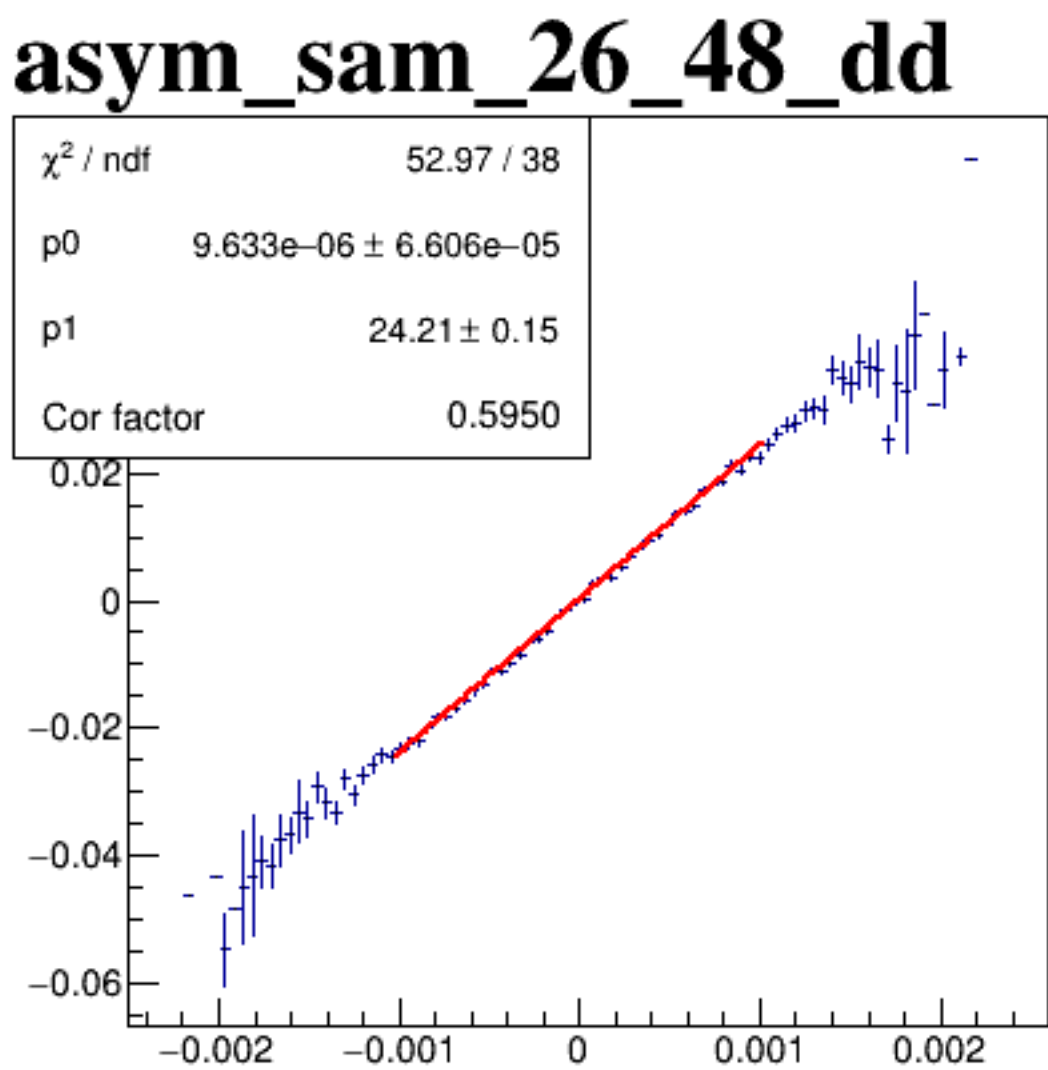
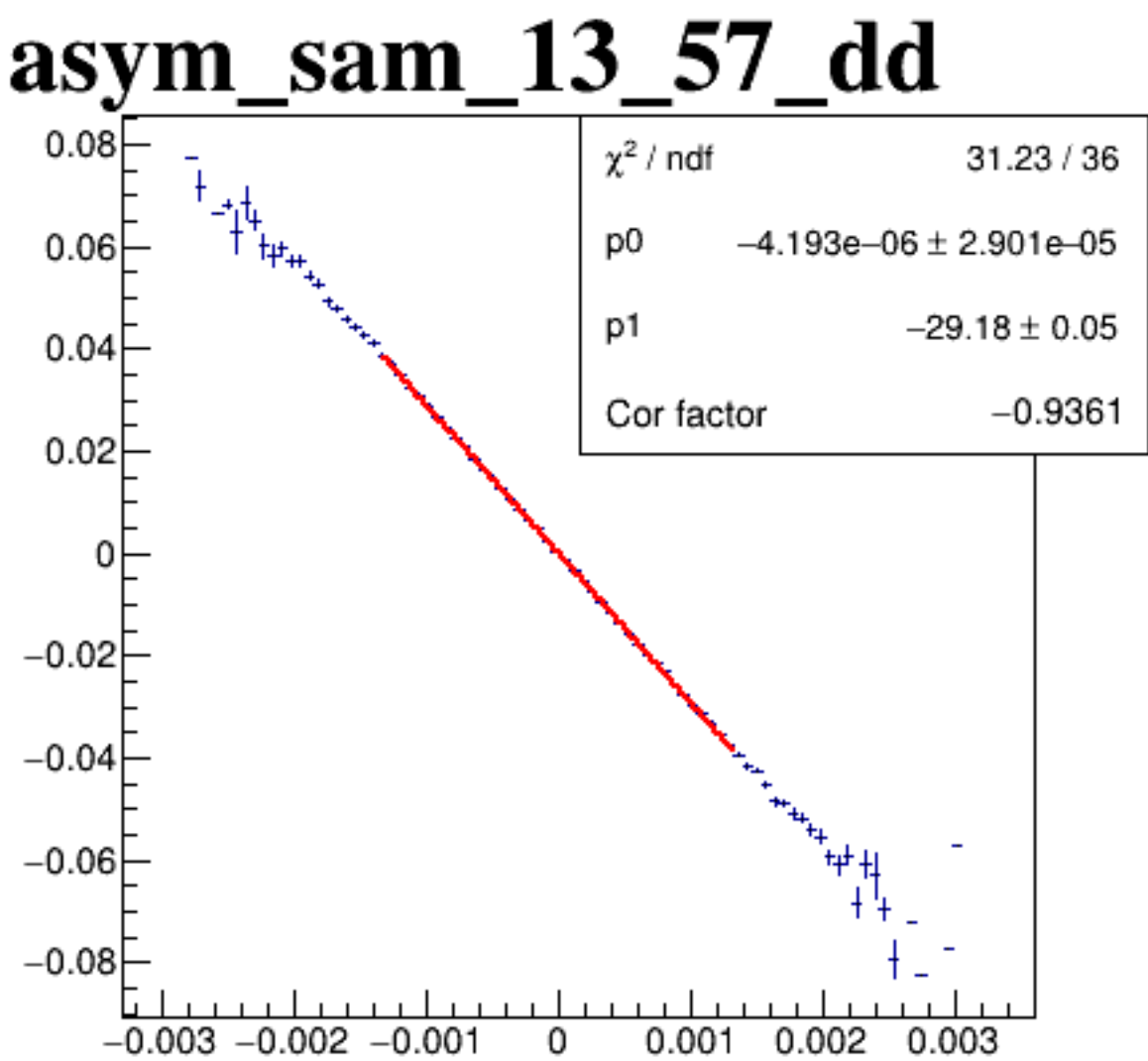
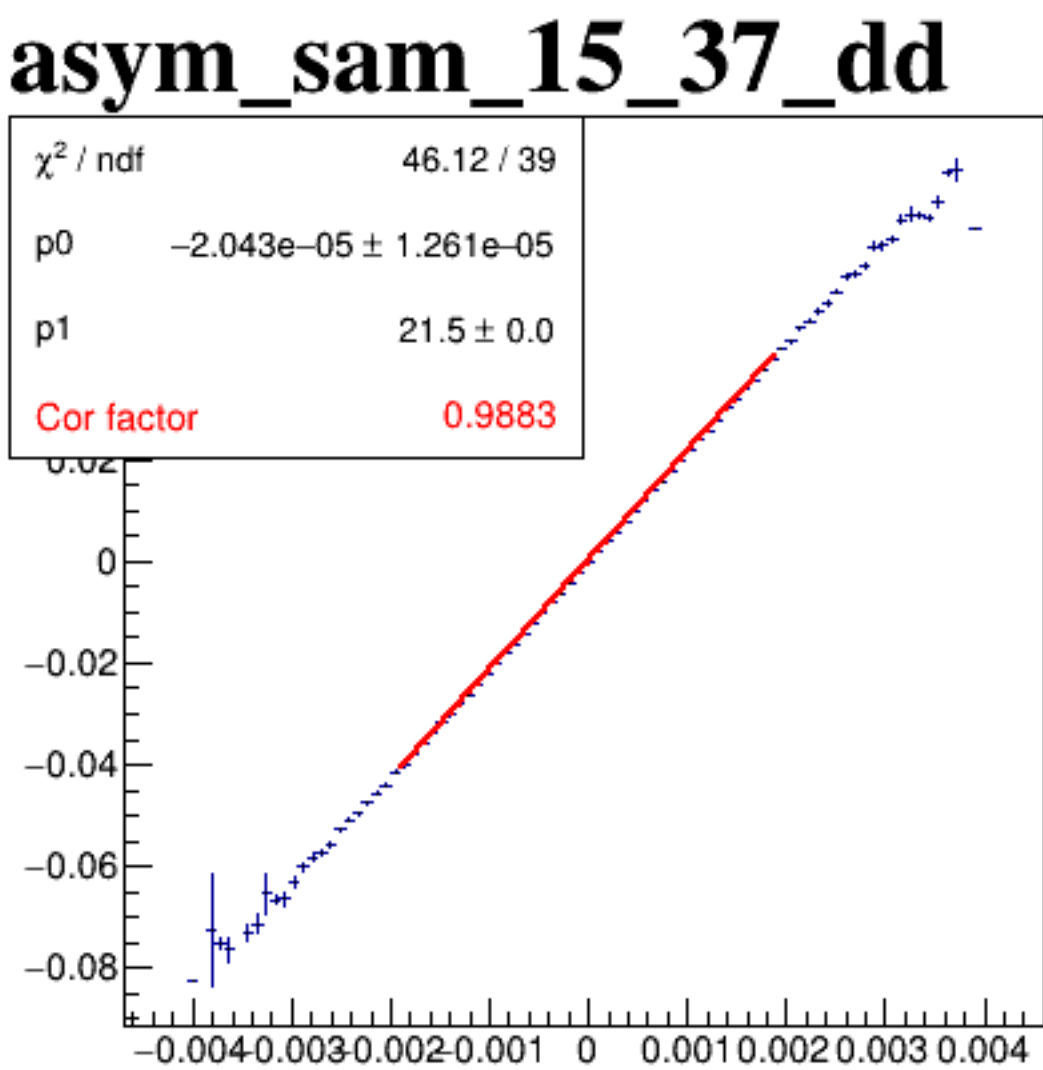
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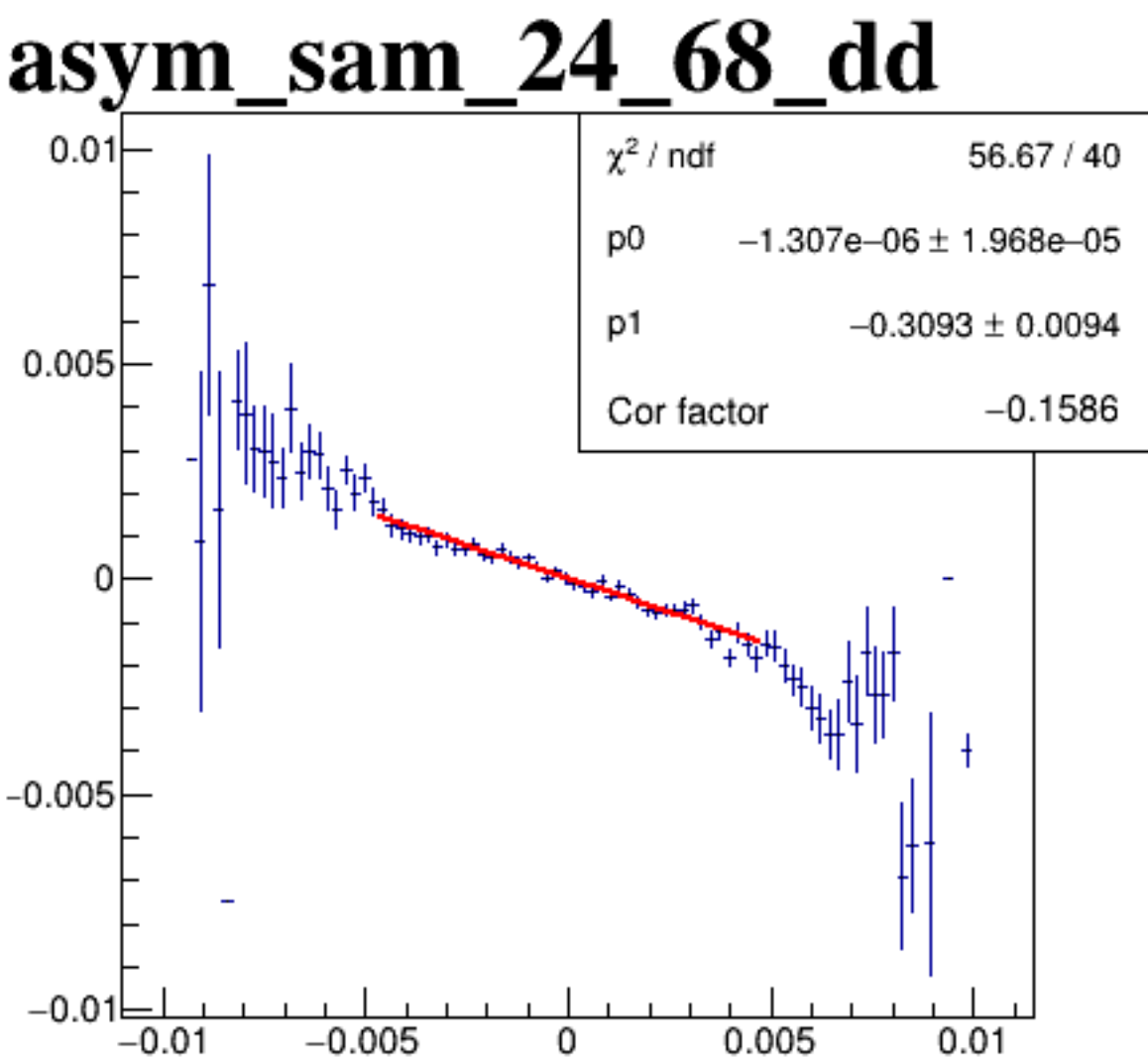
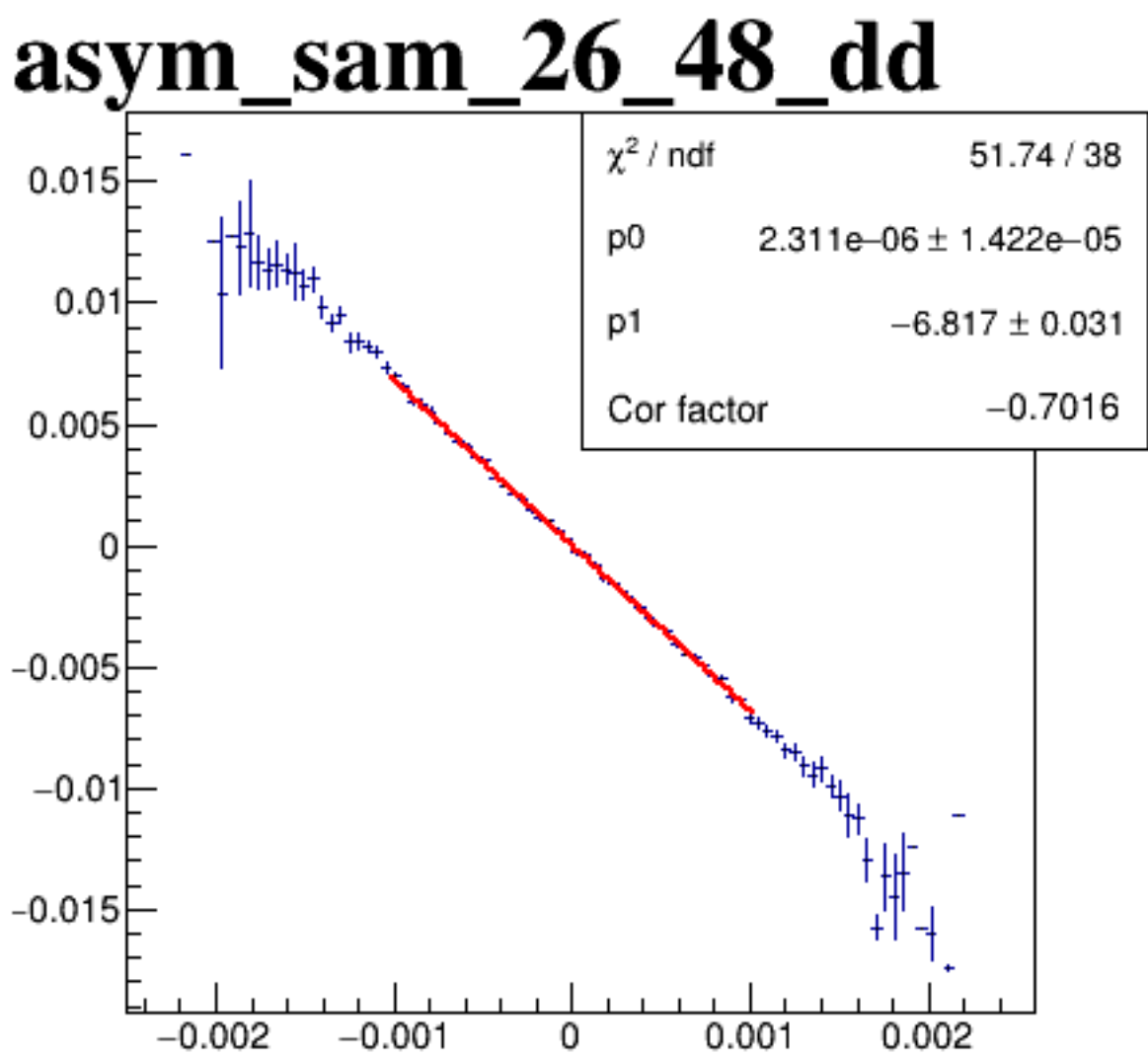
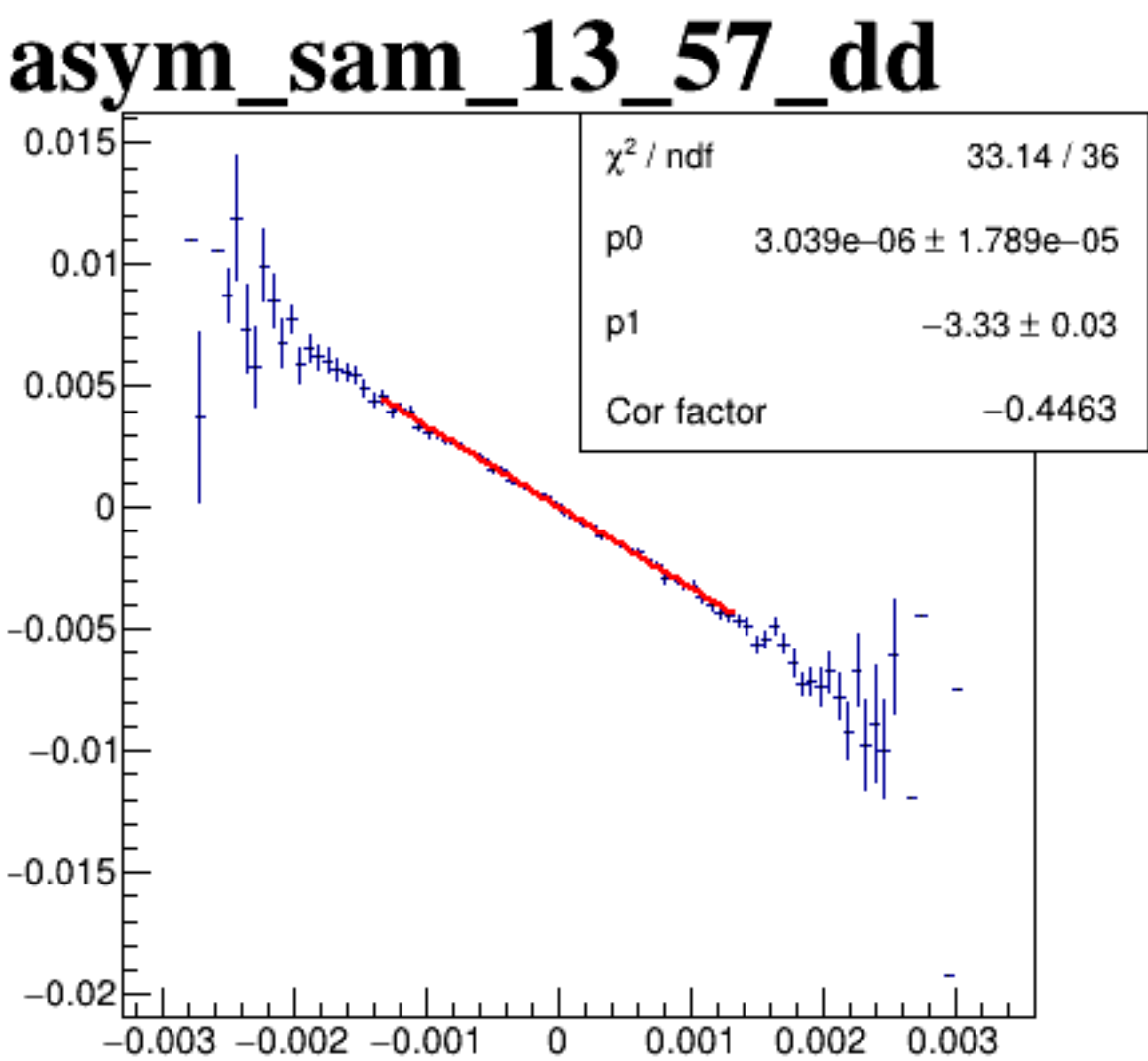
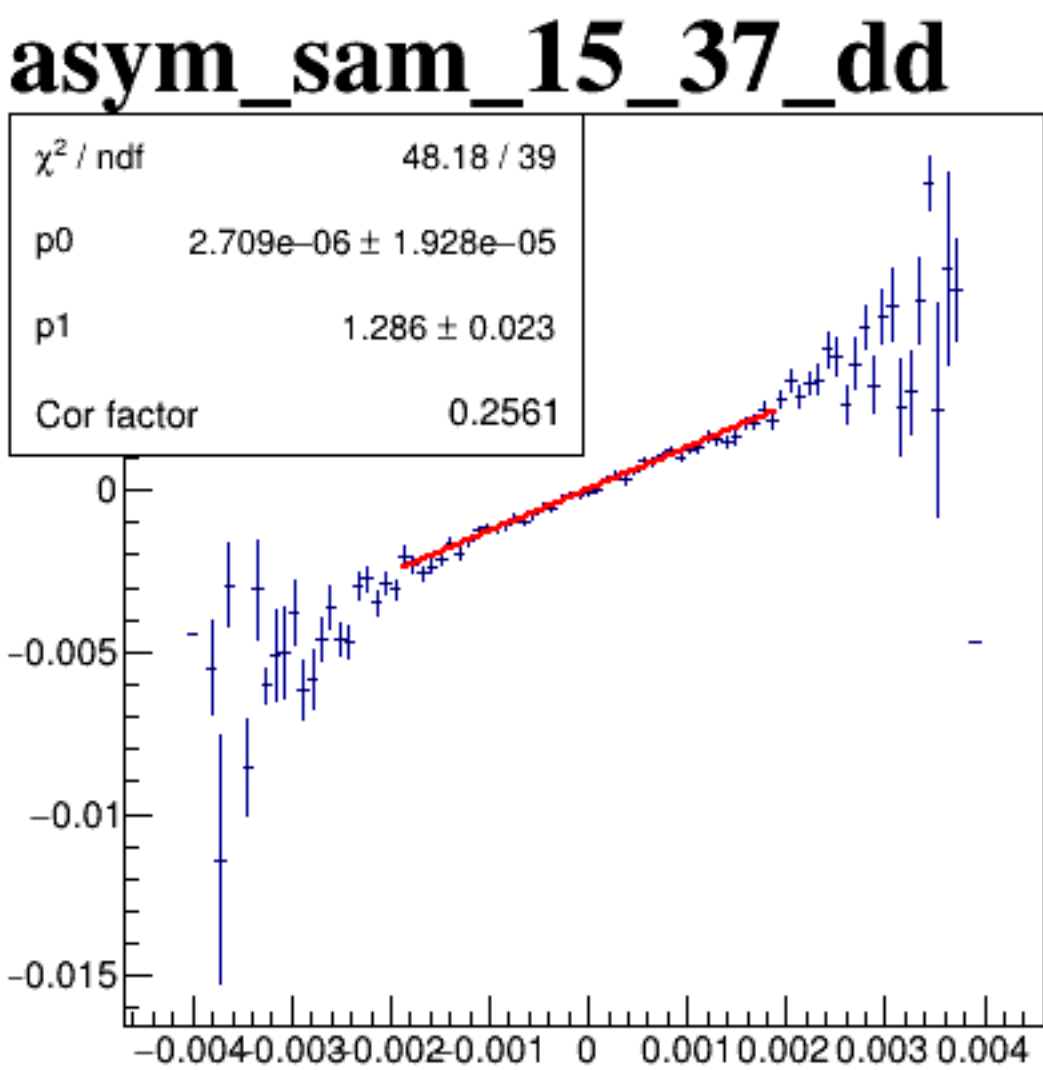
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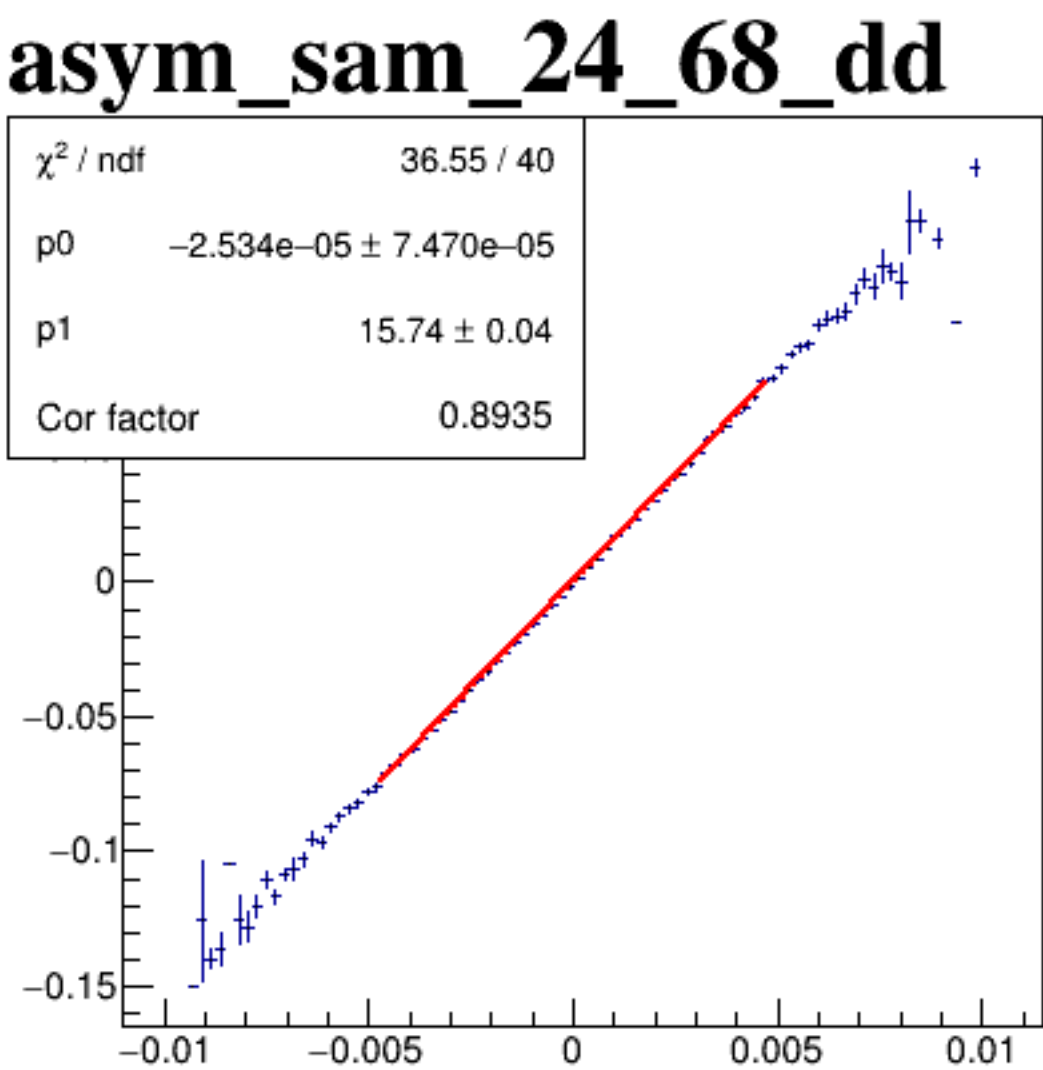
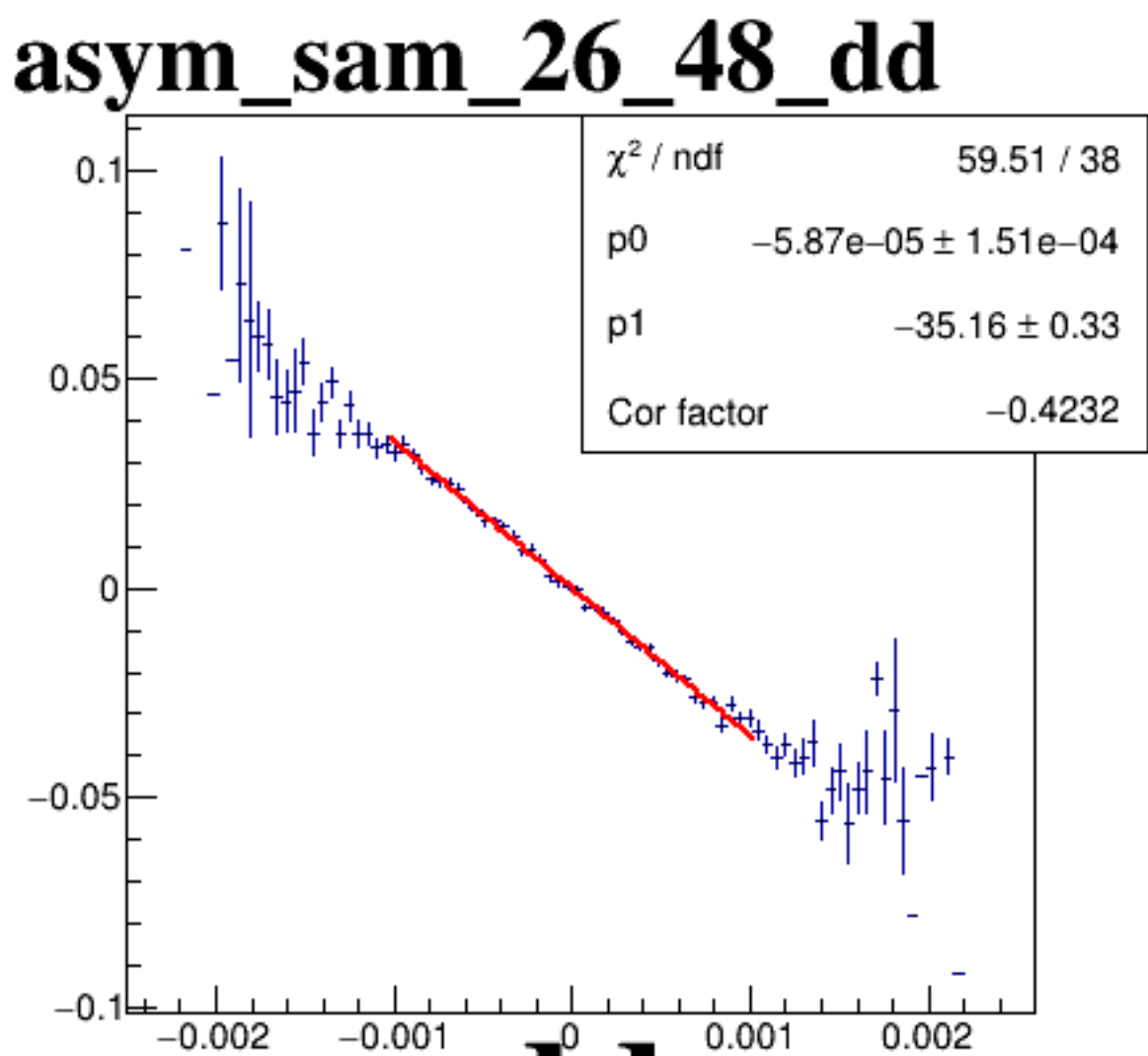
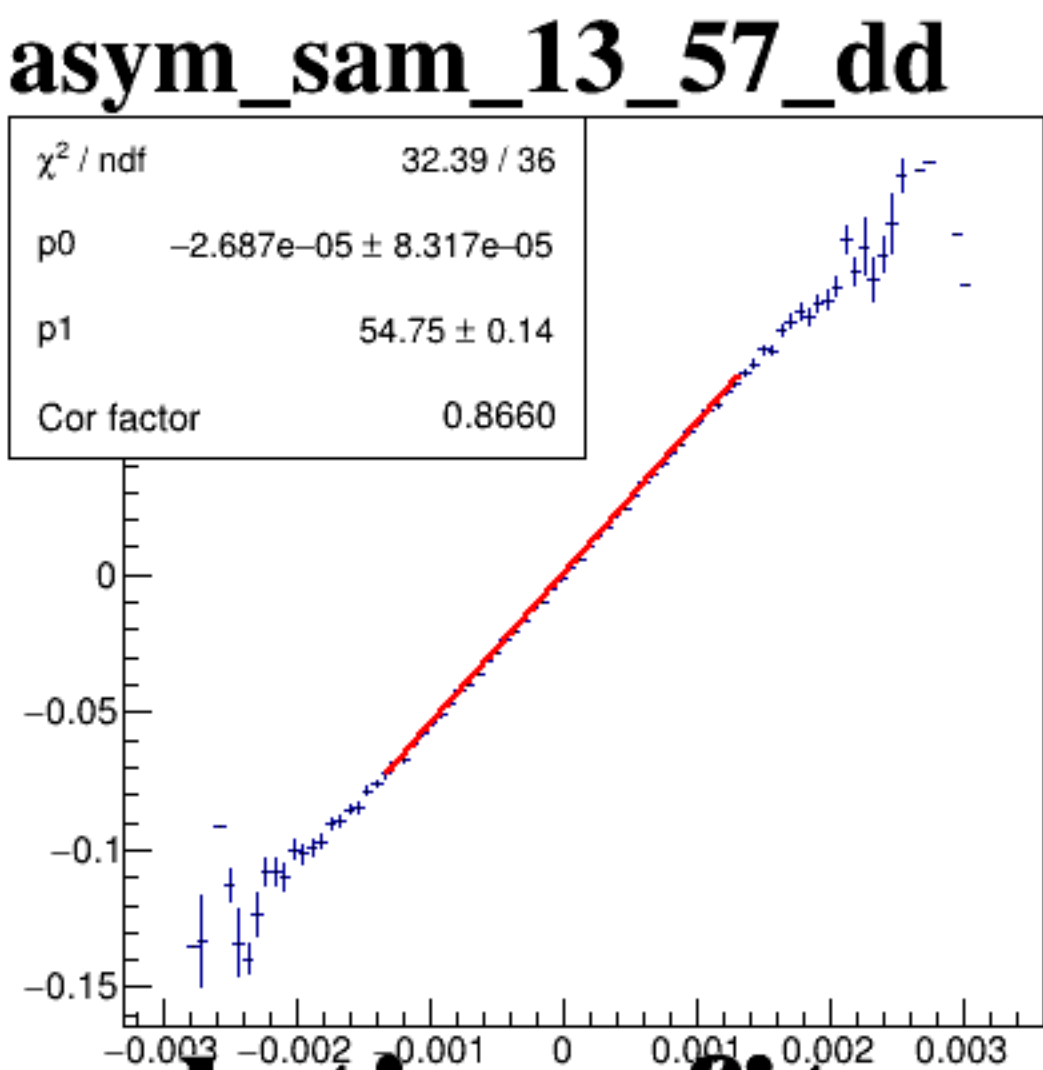
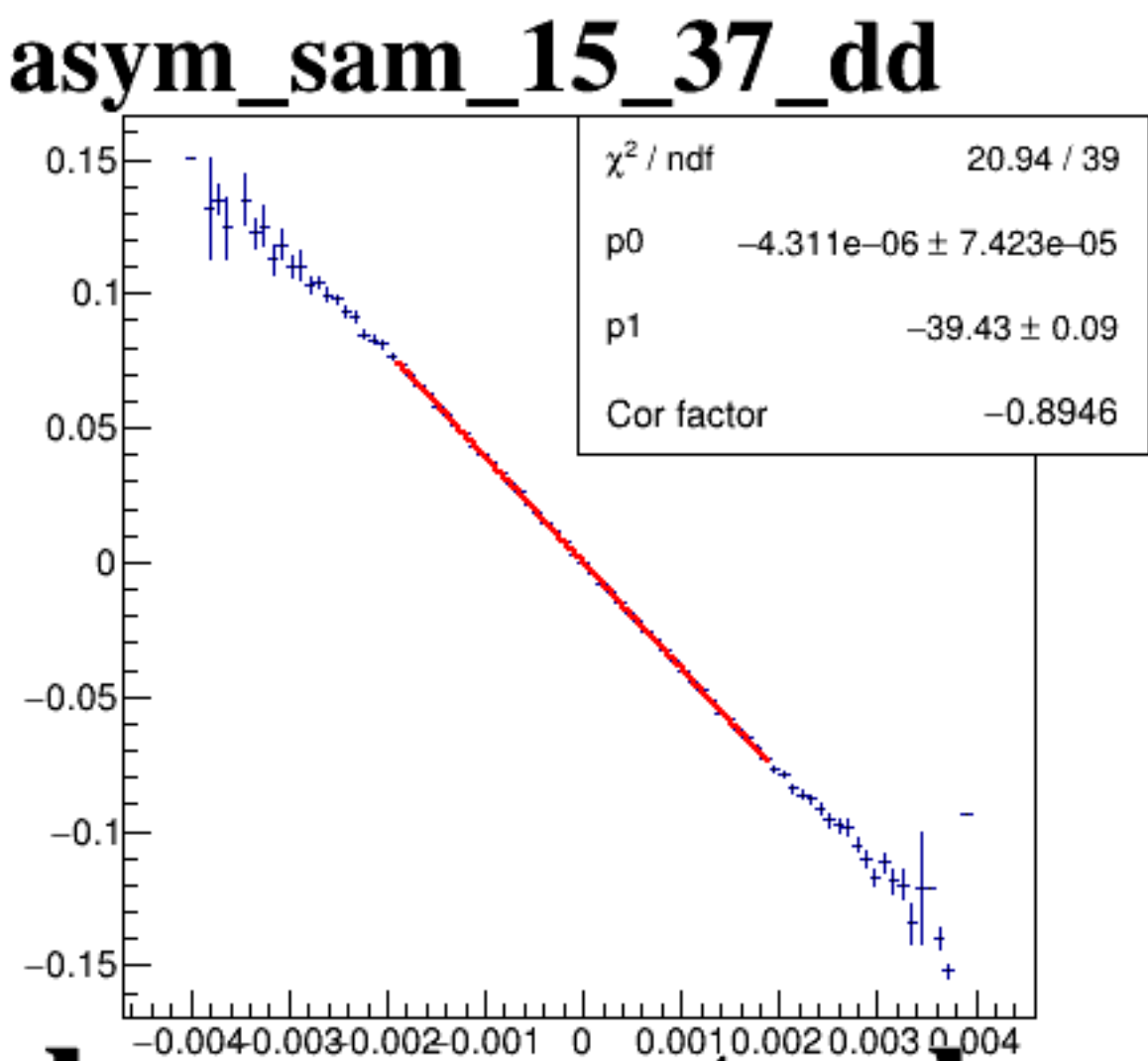
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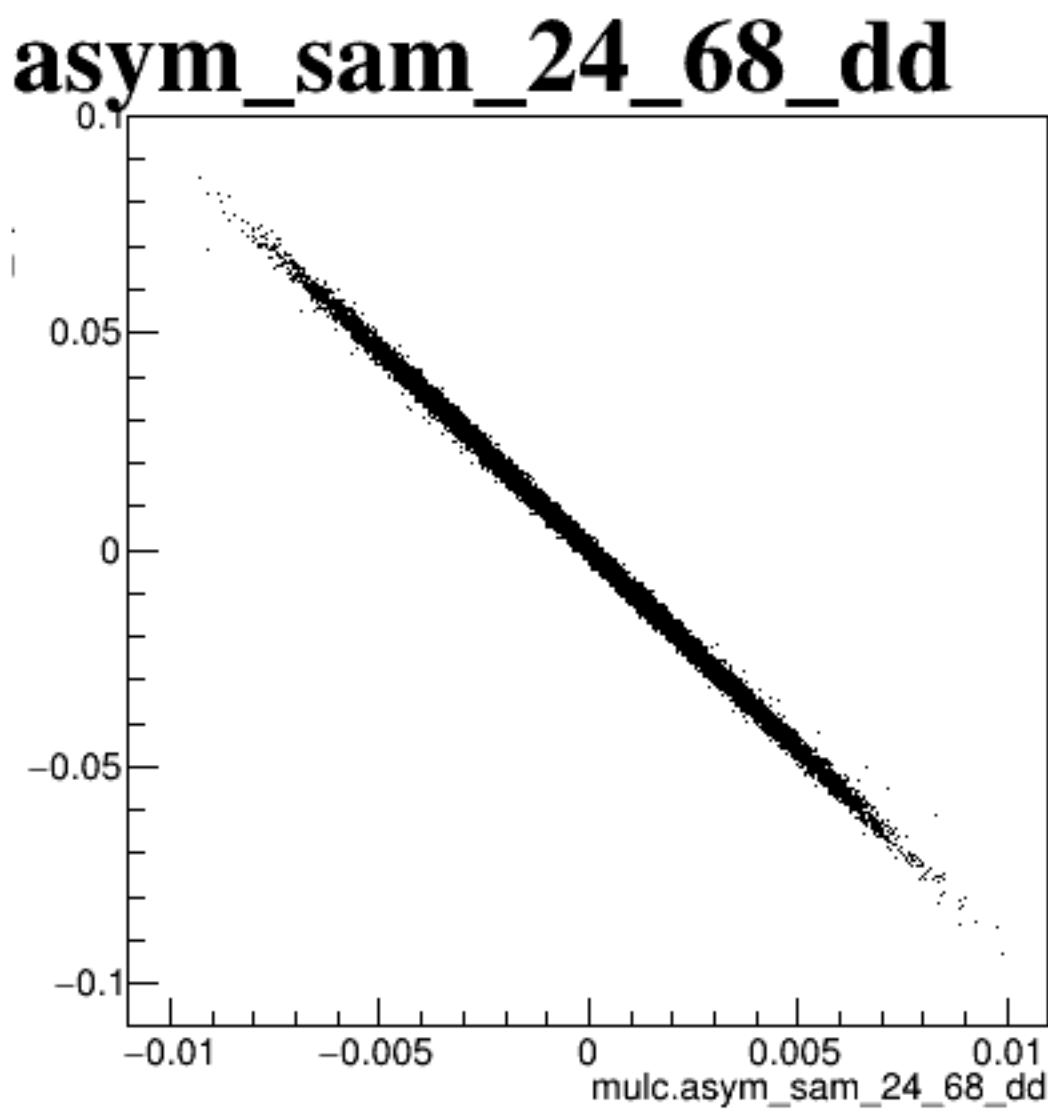
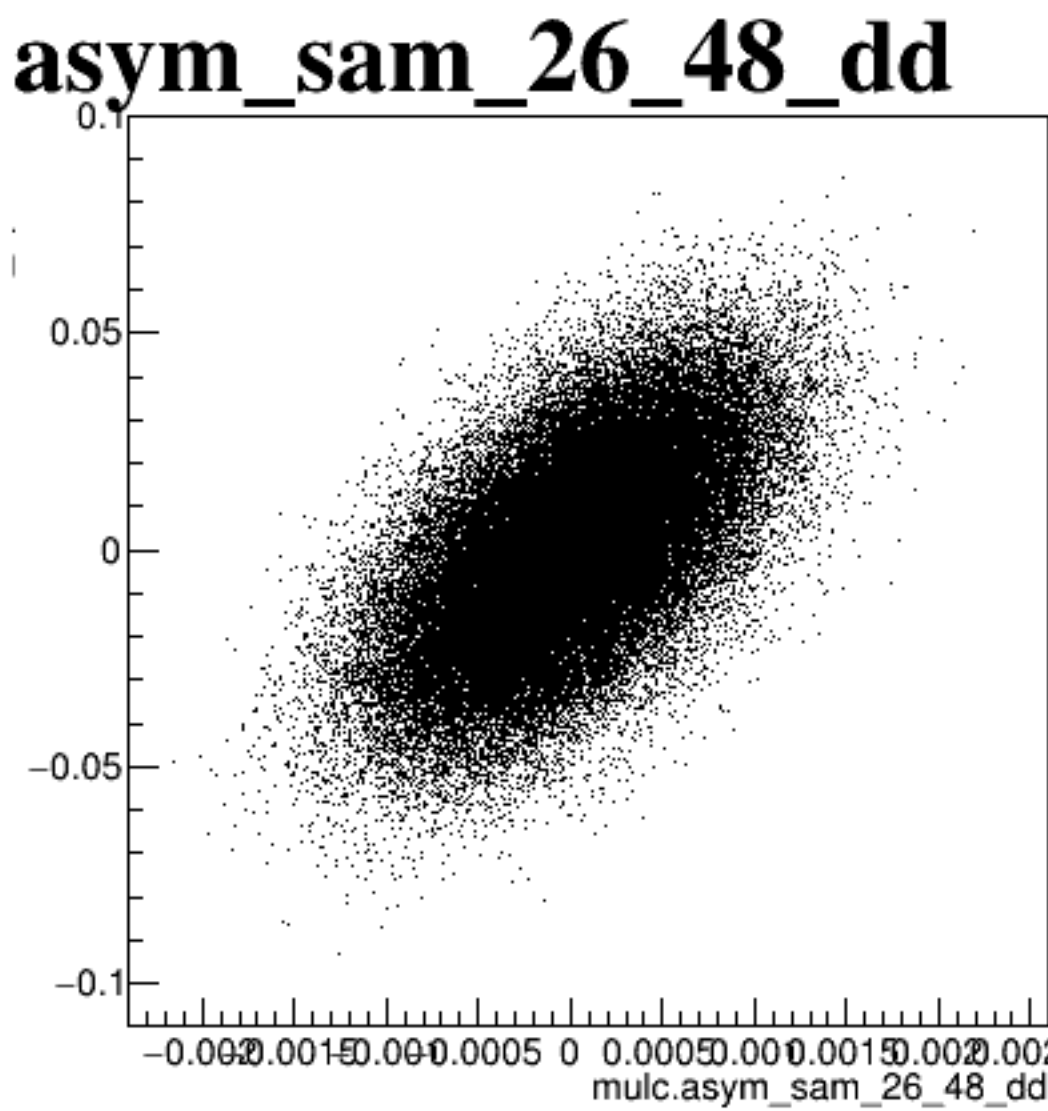
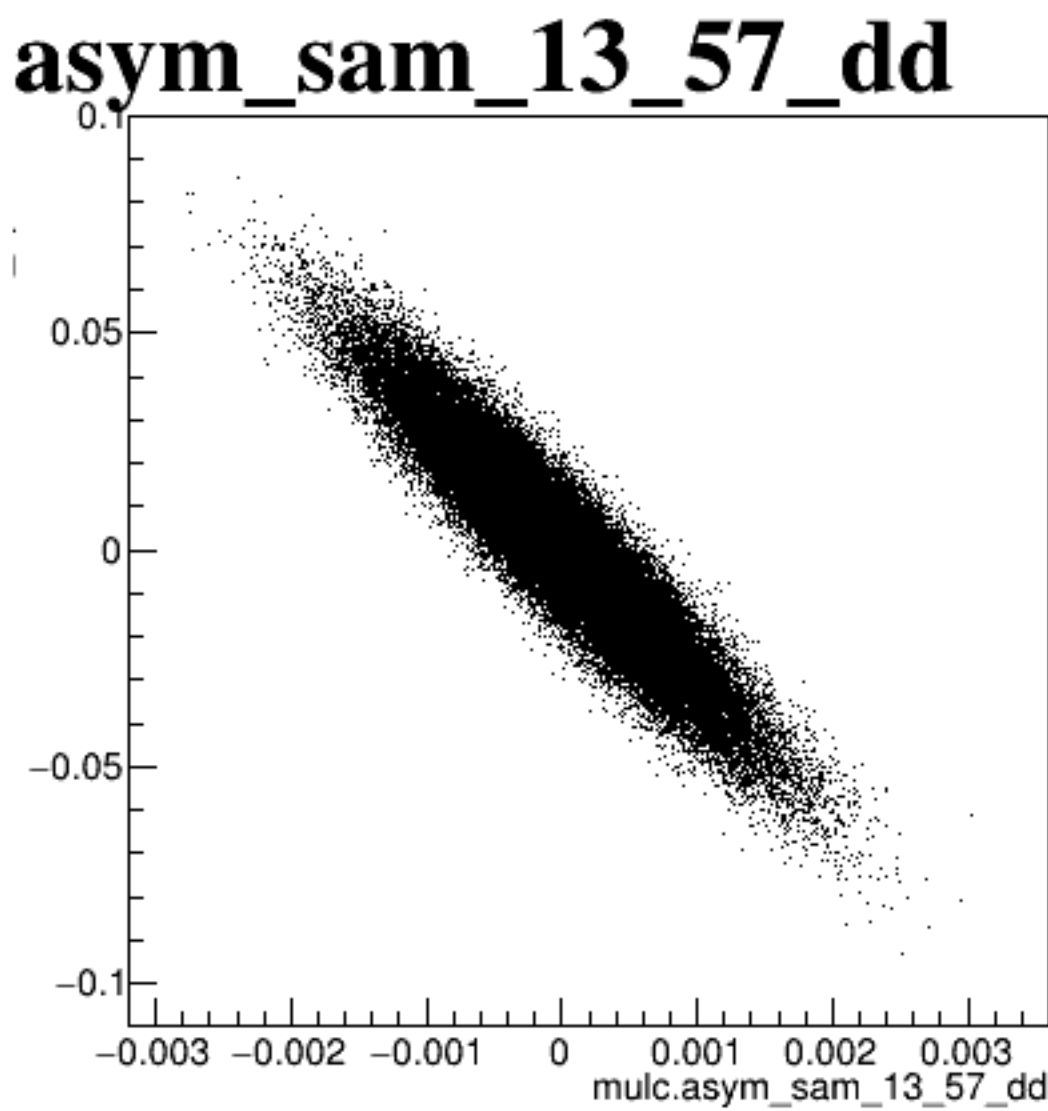
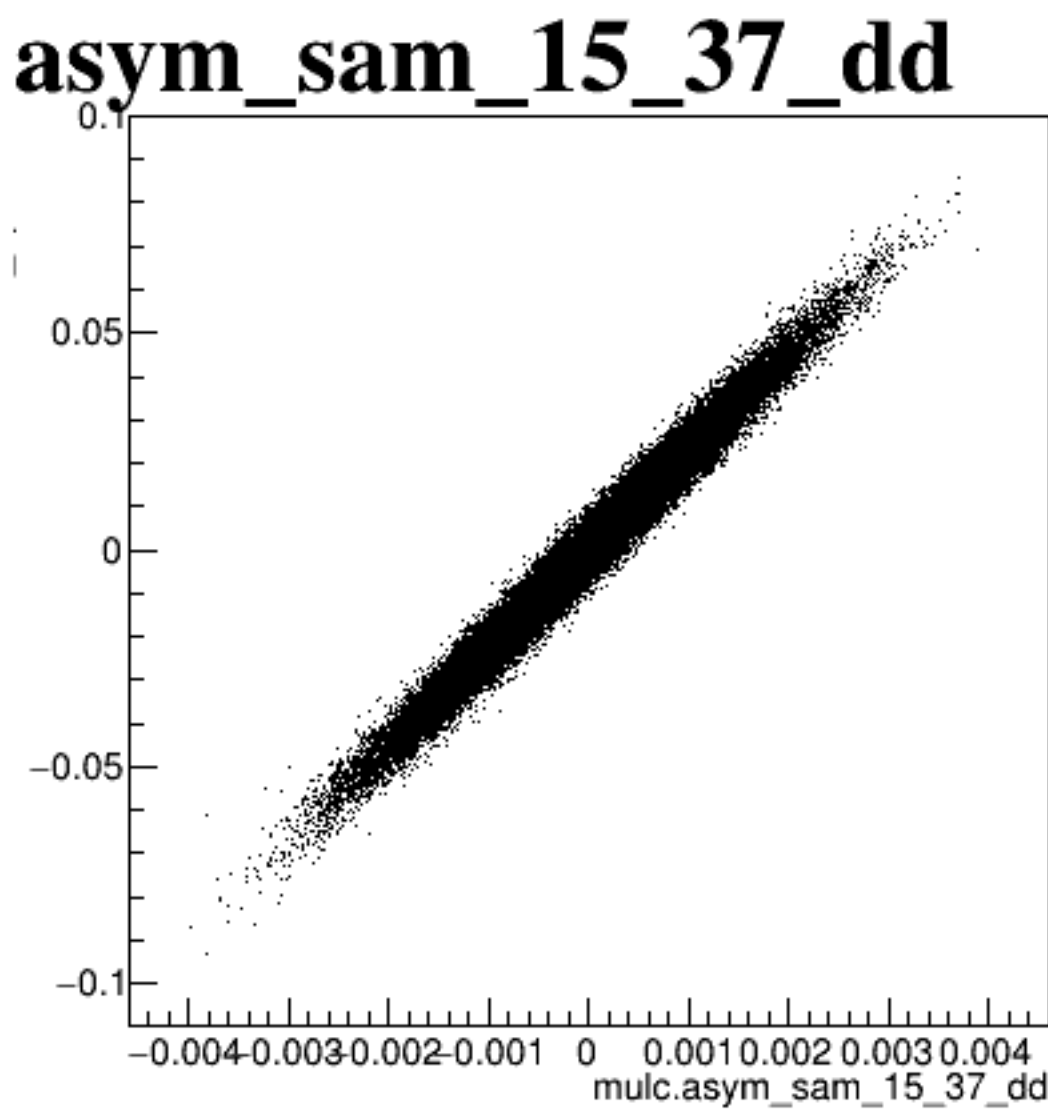
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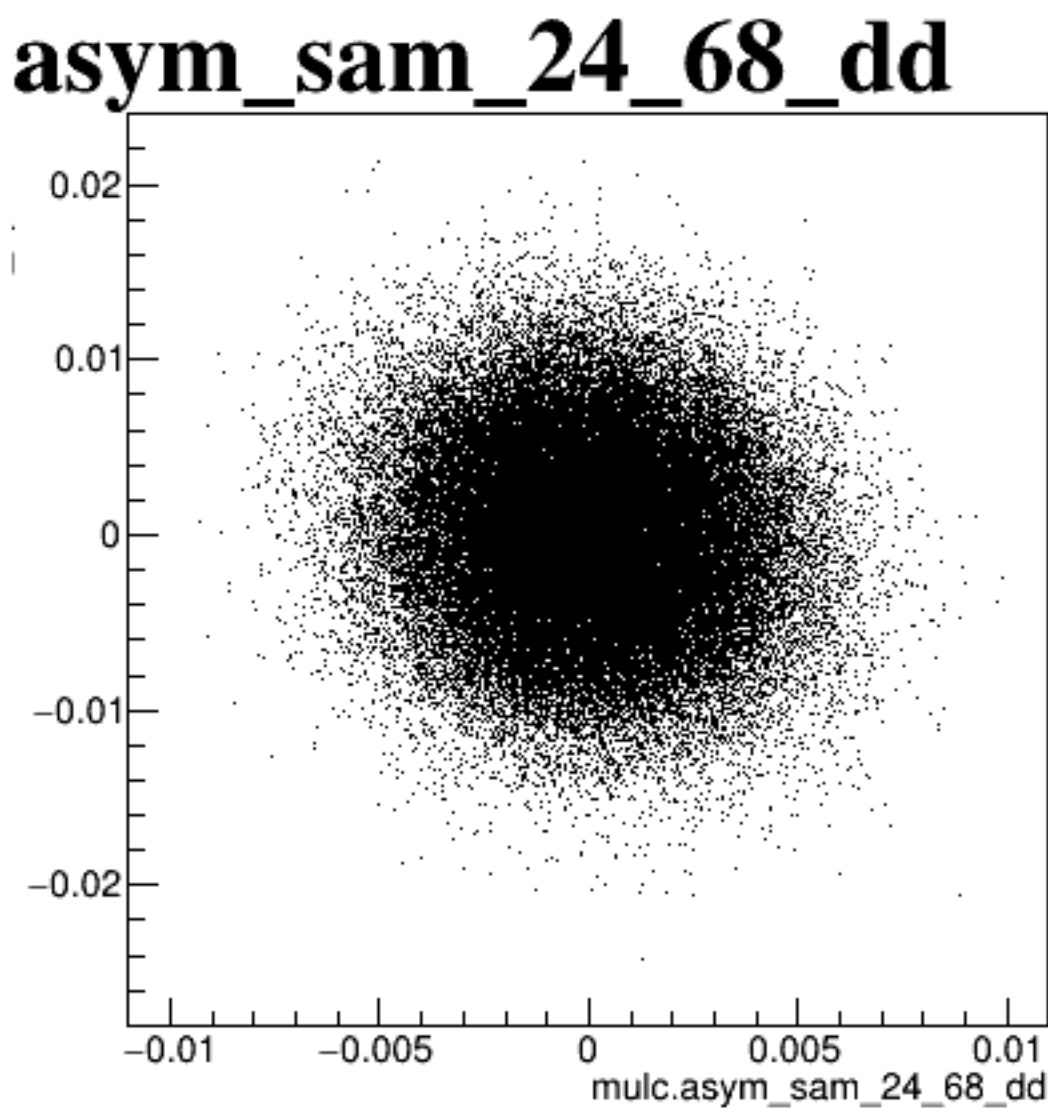
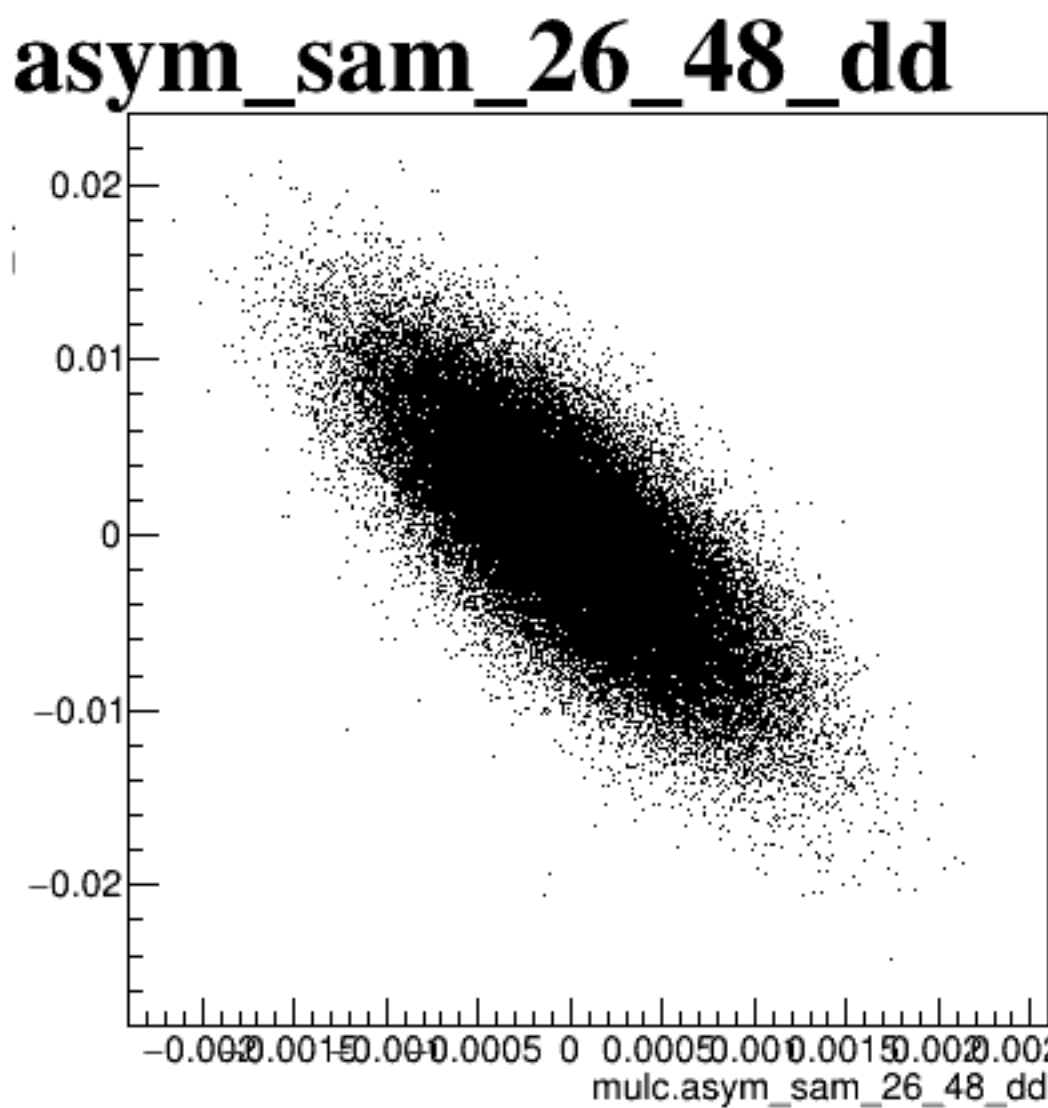
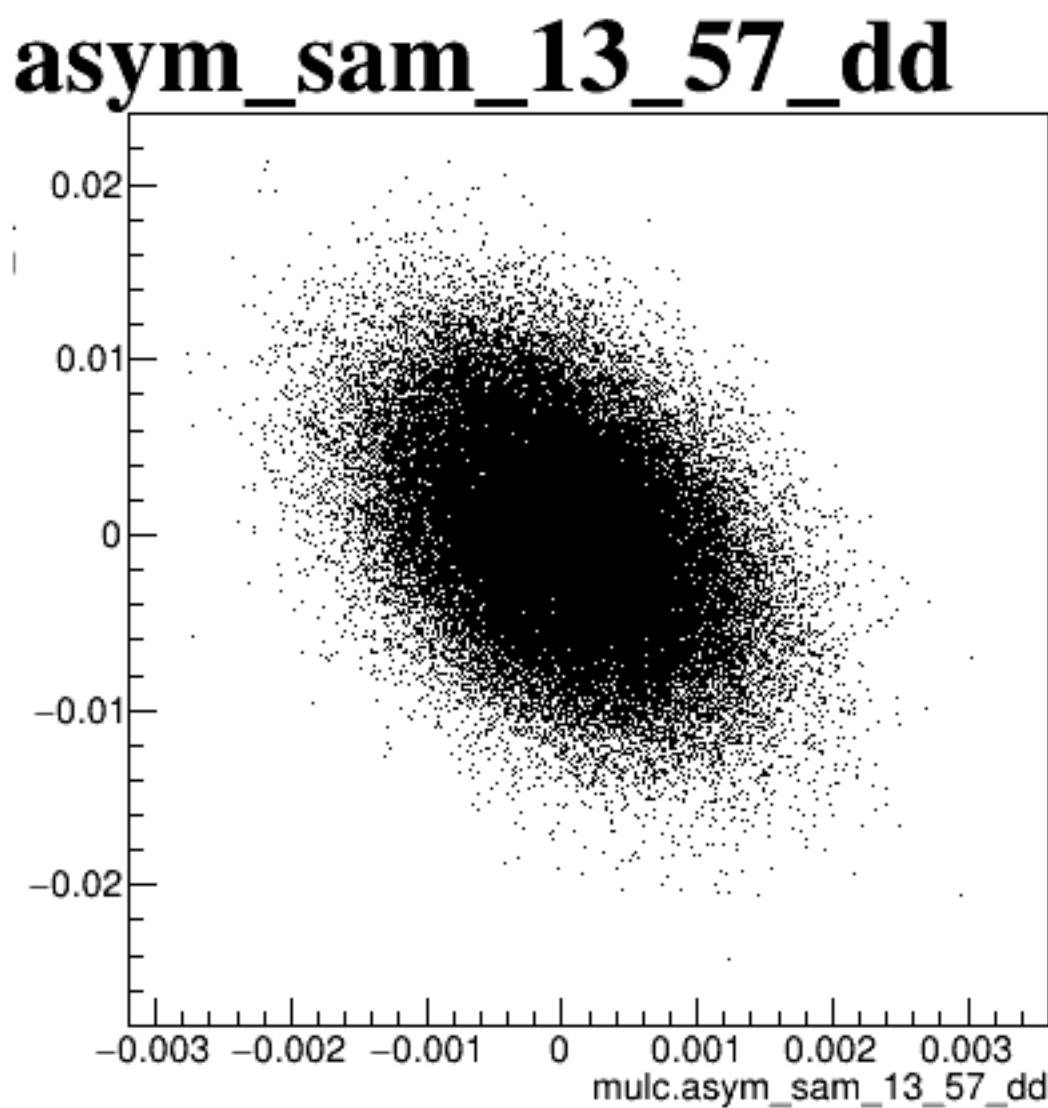
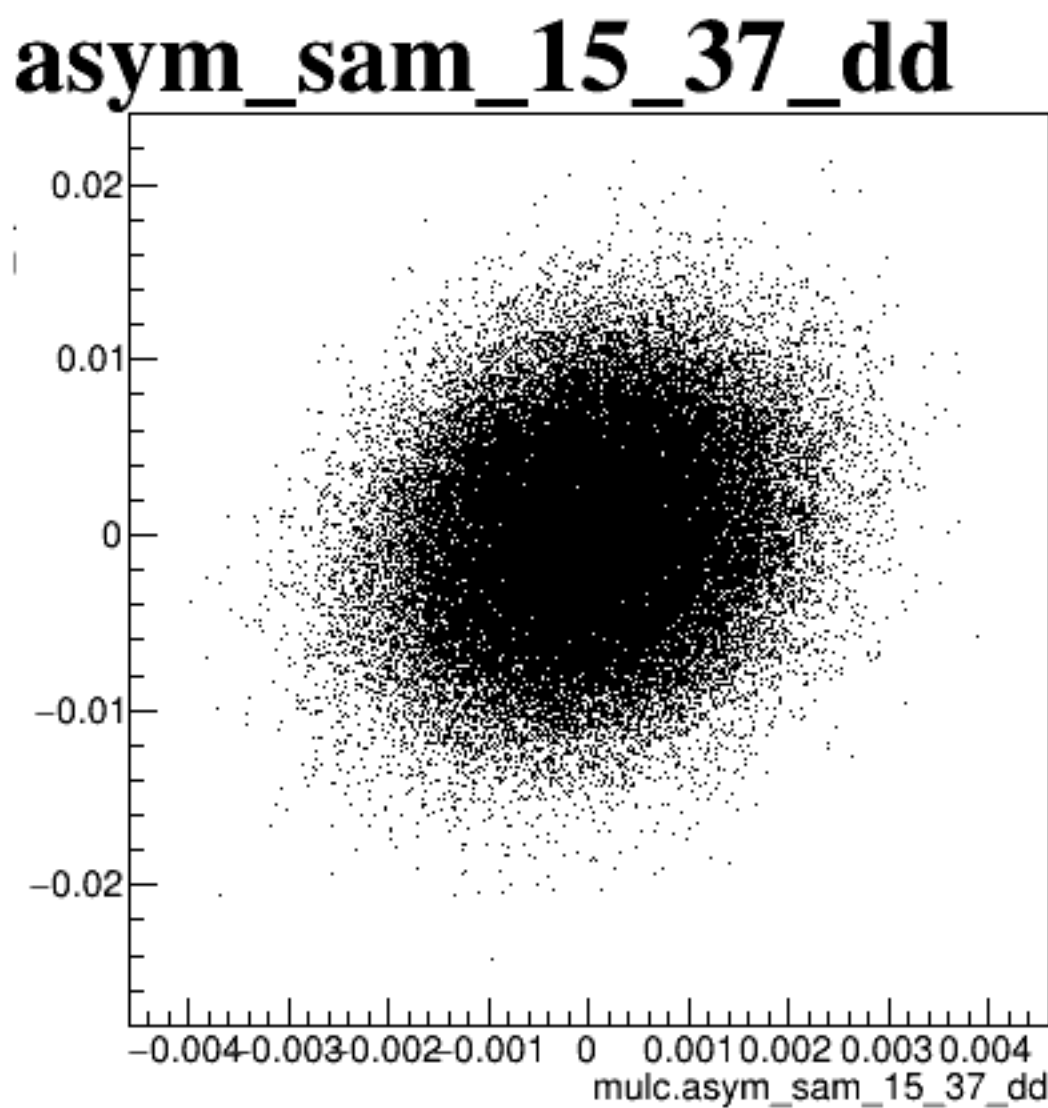
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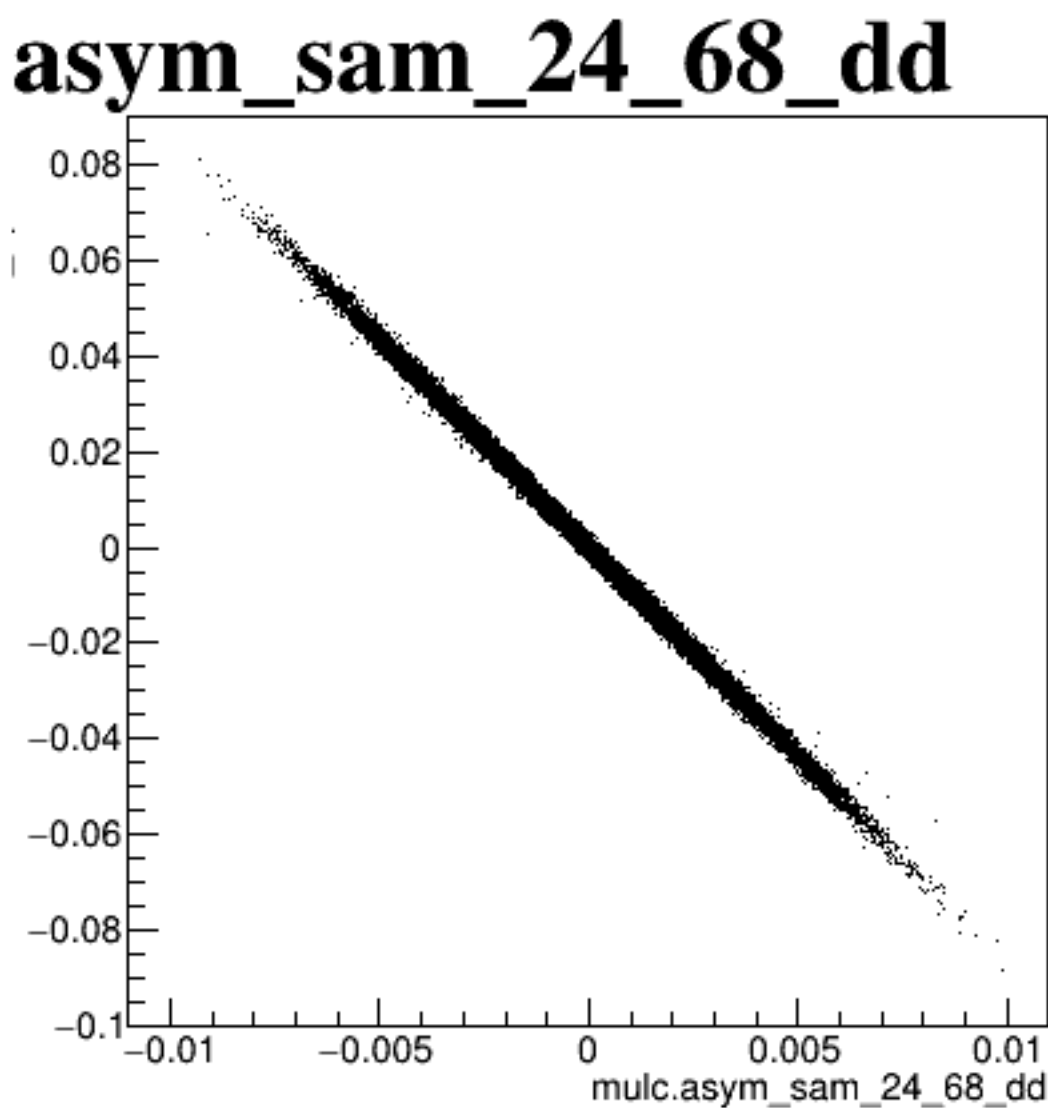
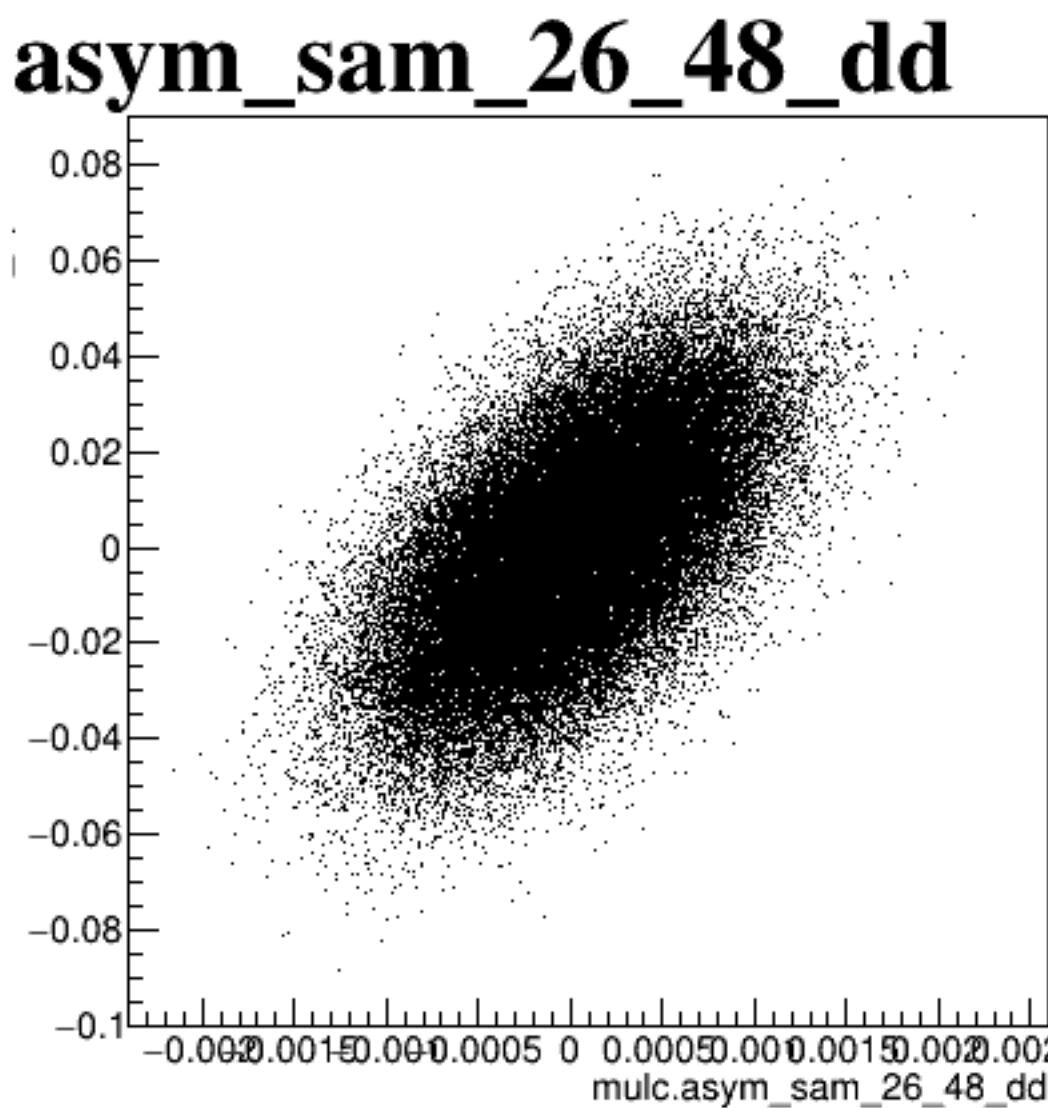
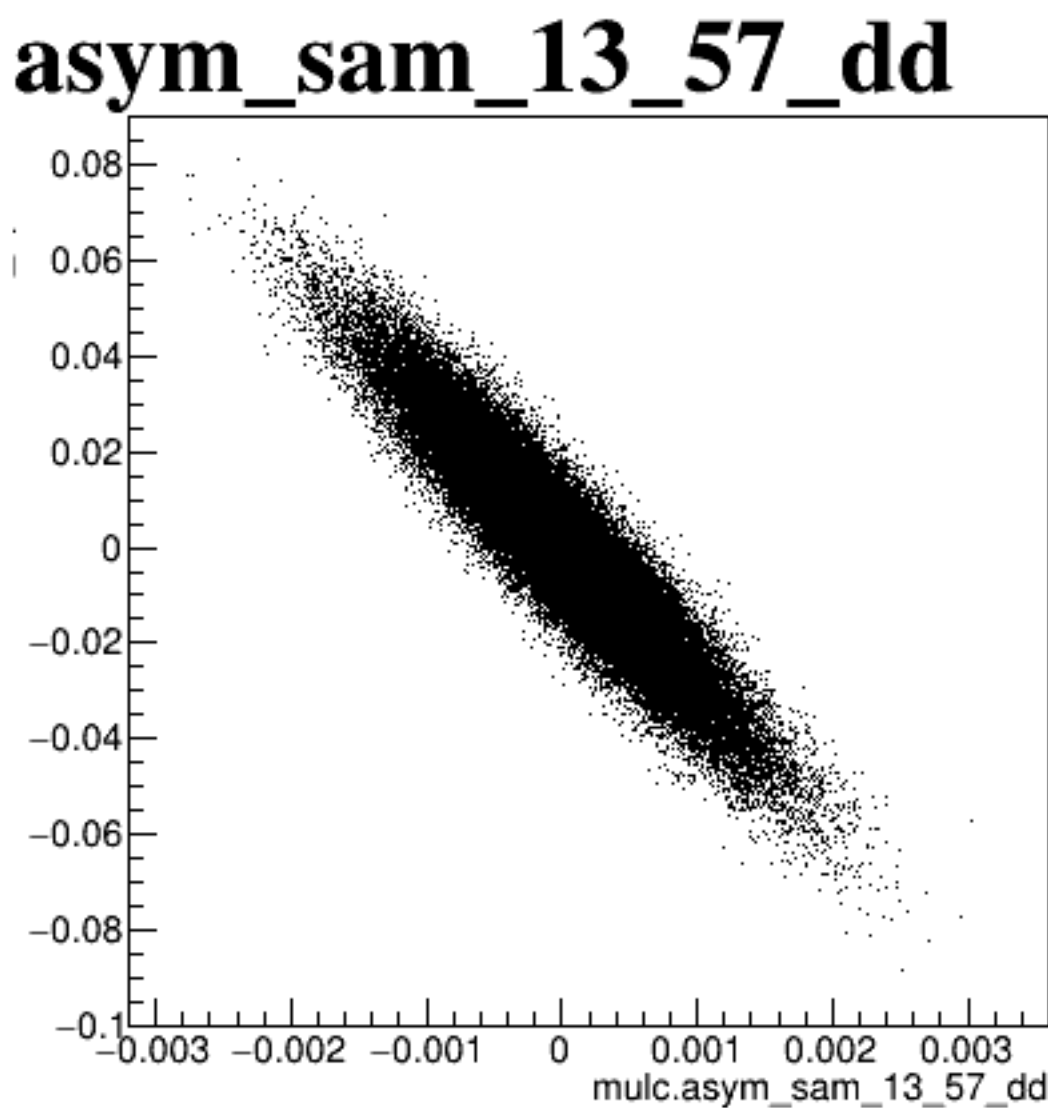
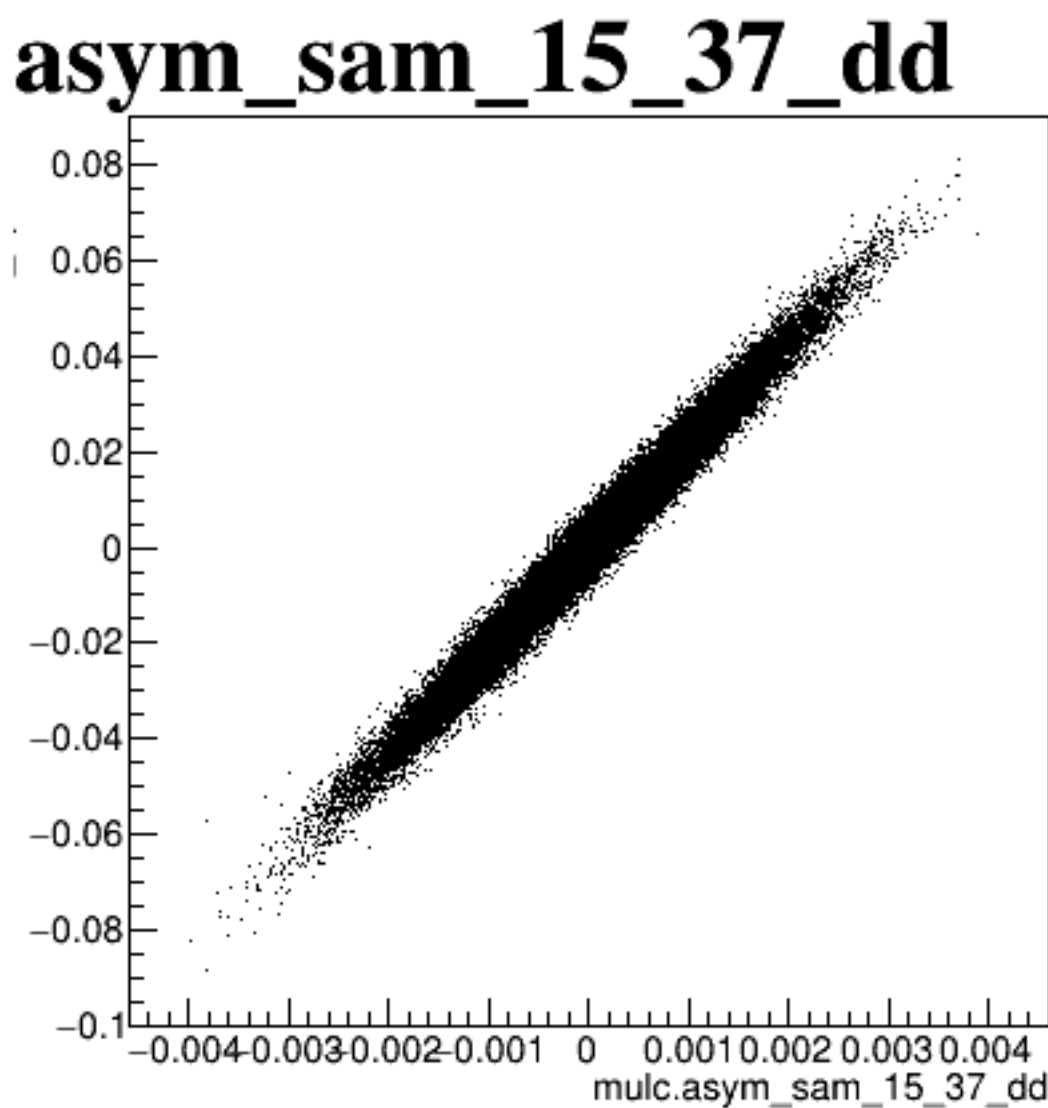
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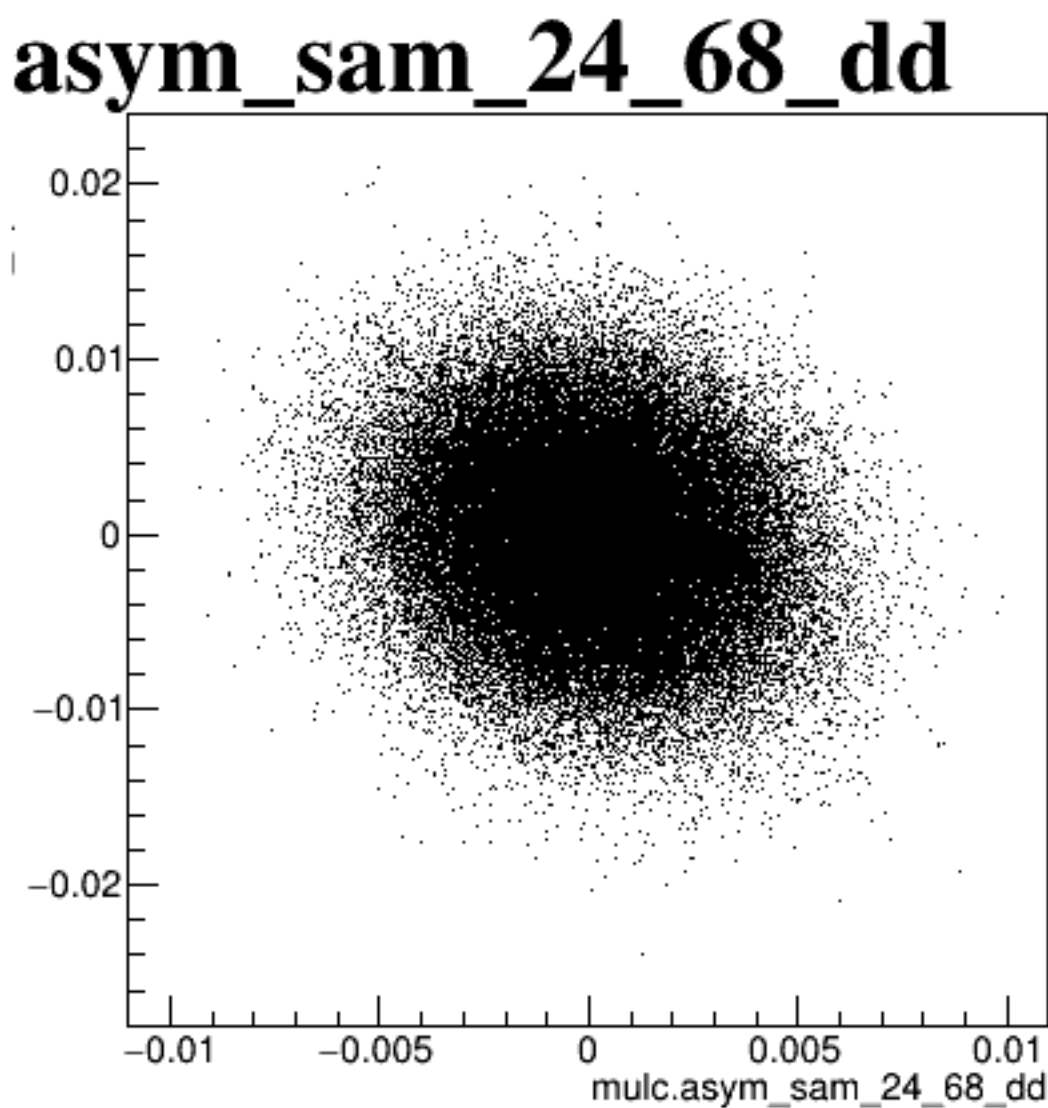
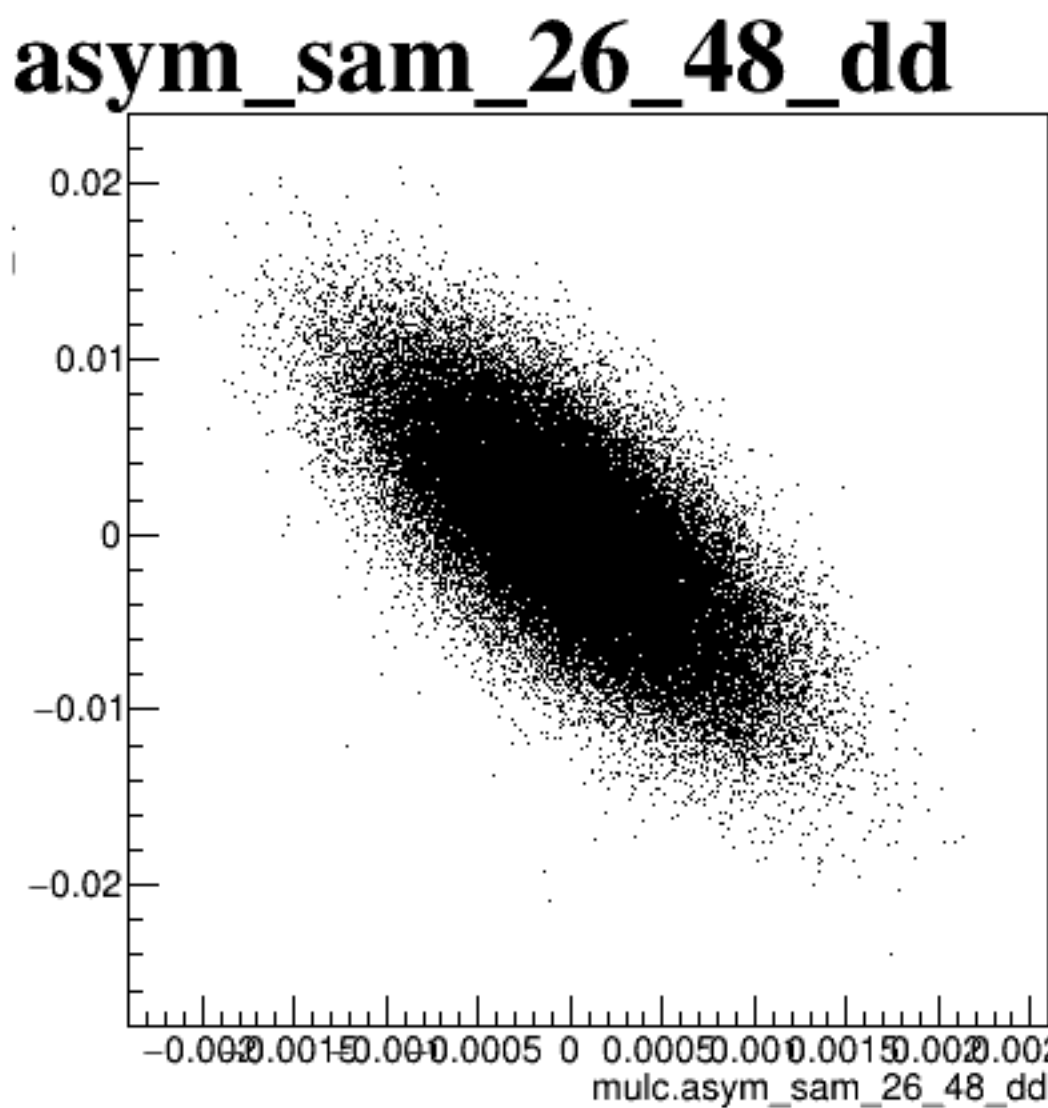
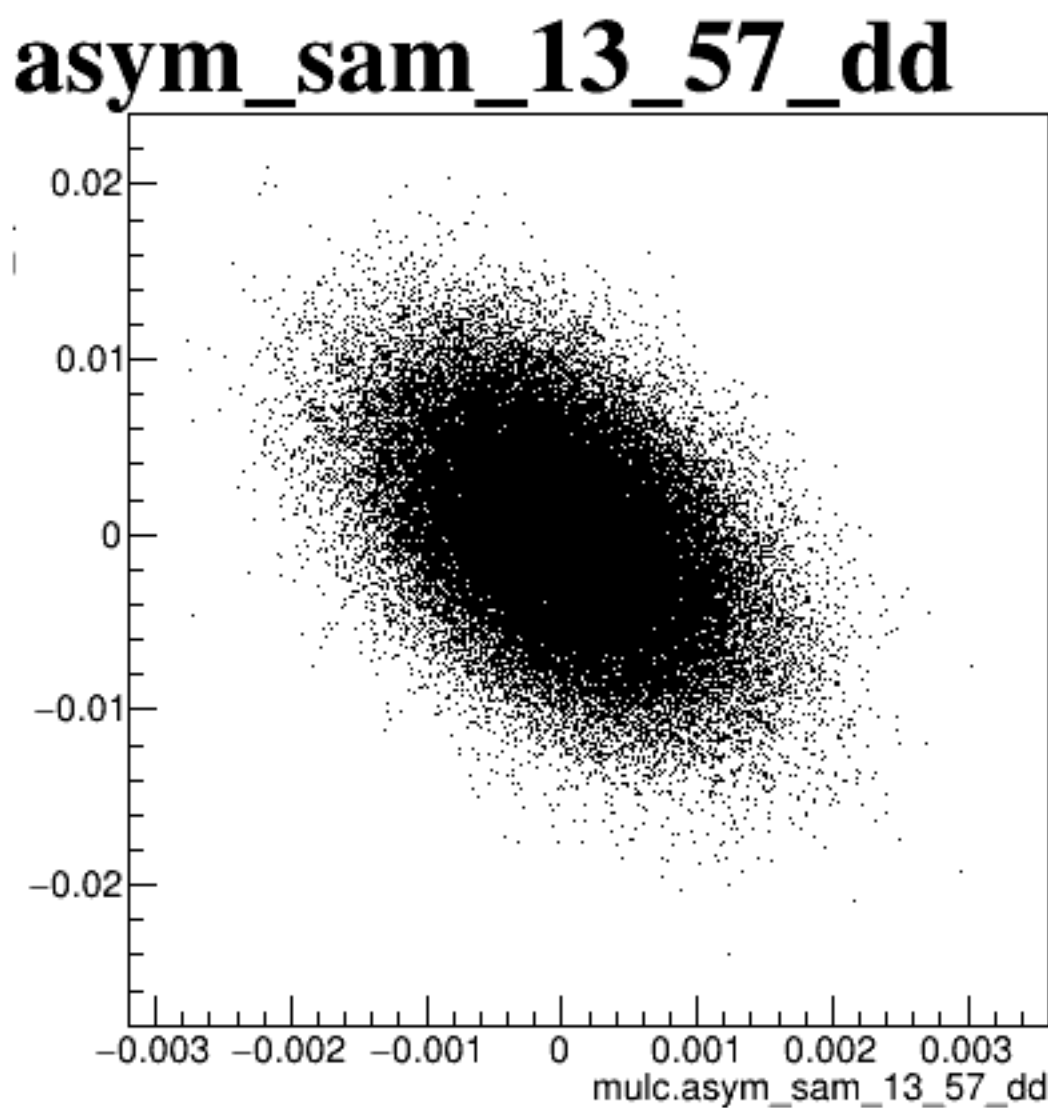
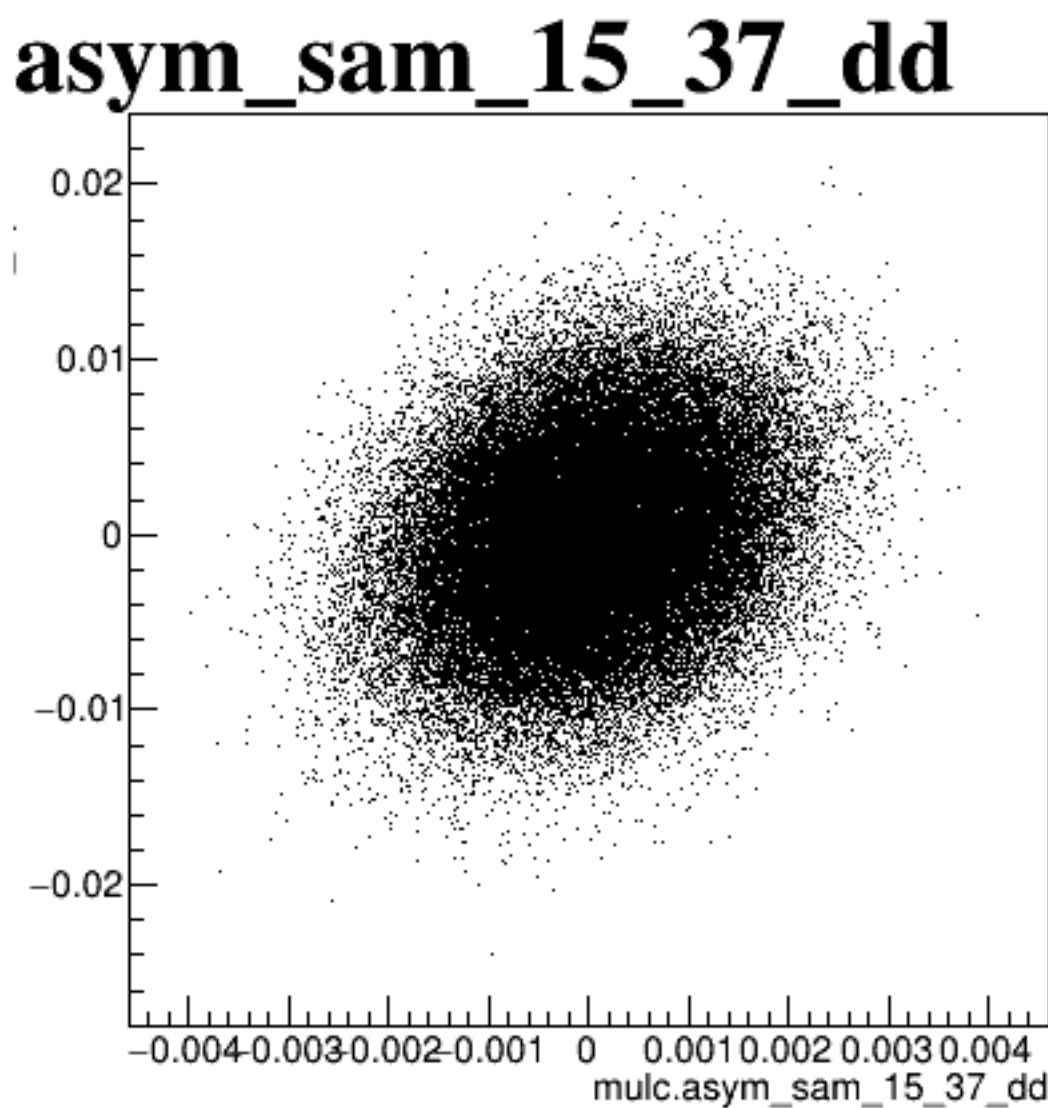
diff_bpm4aY



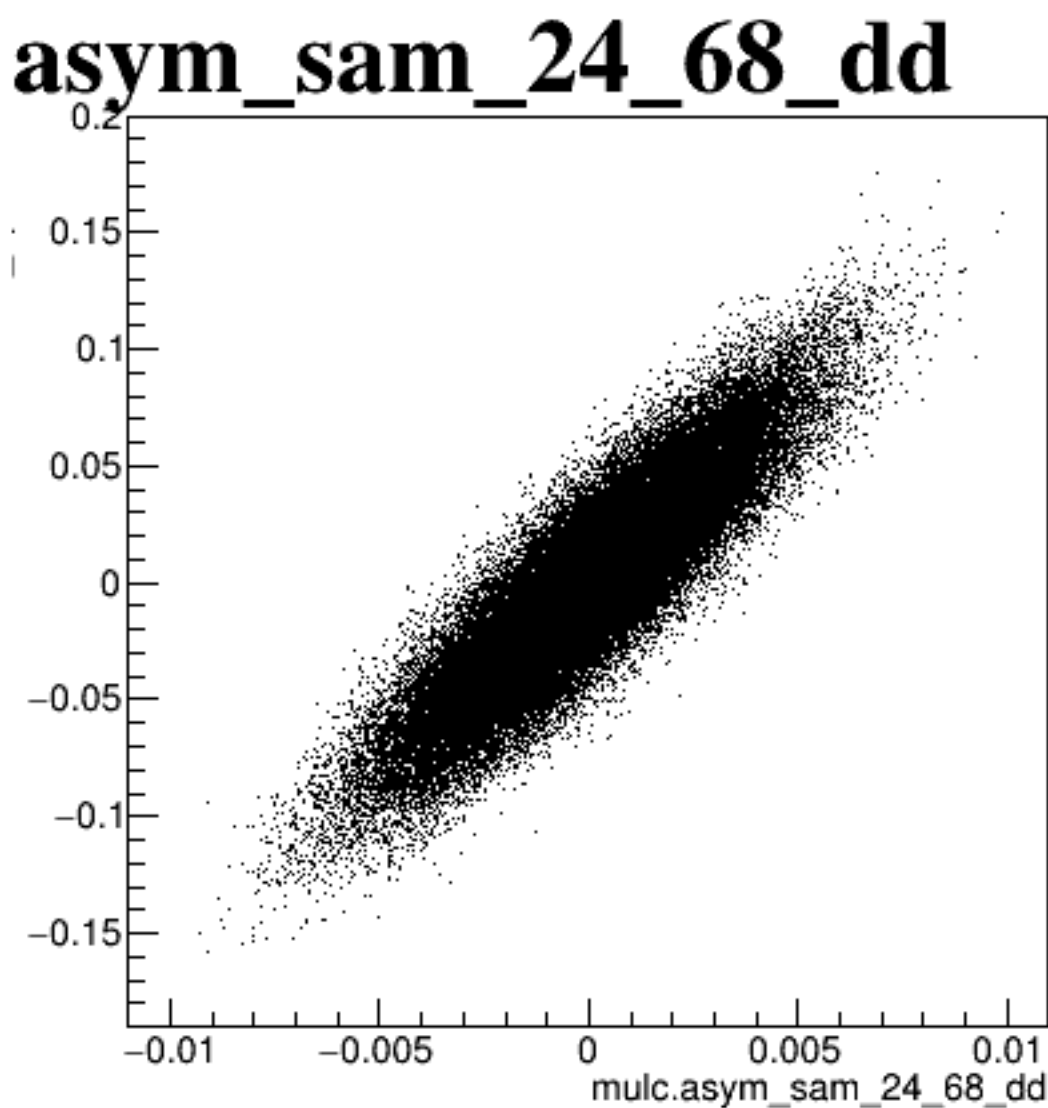
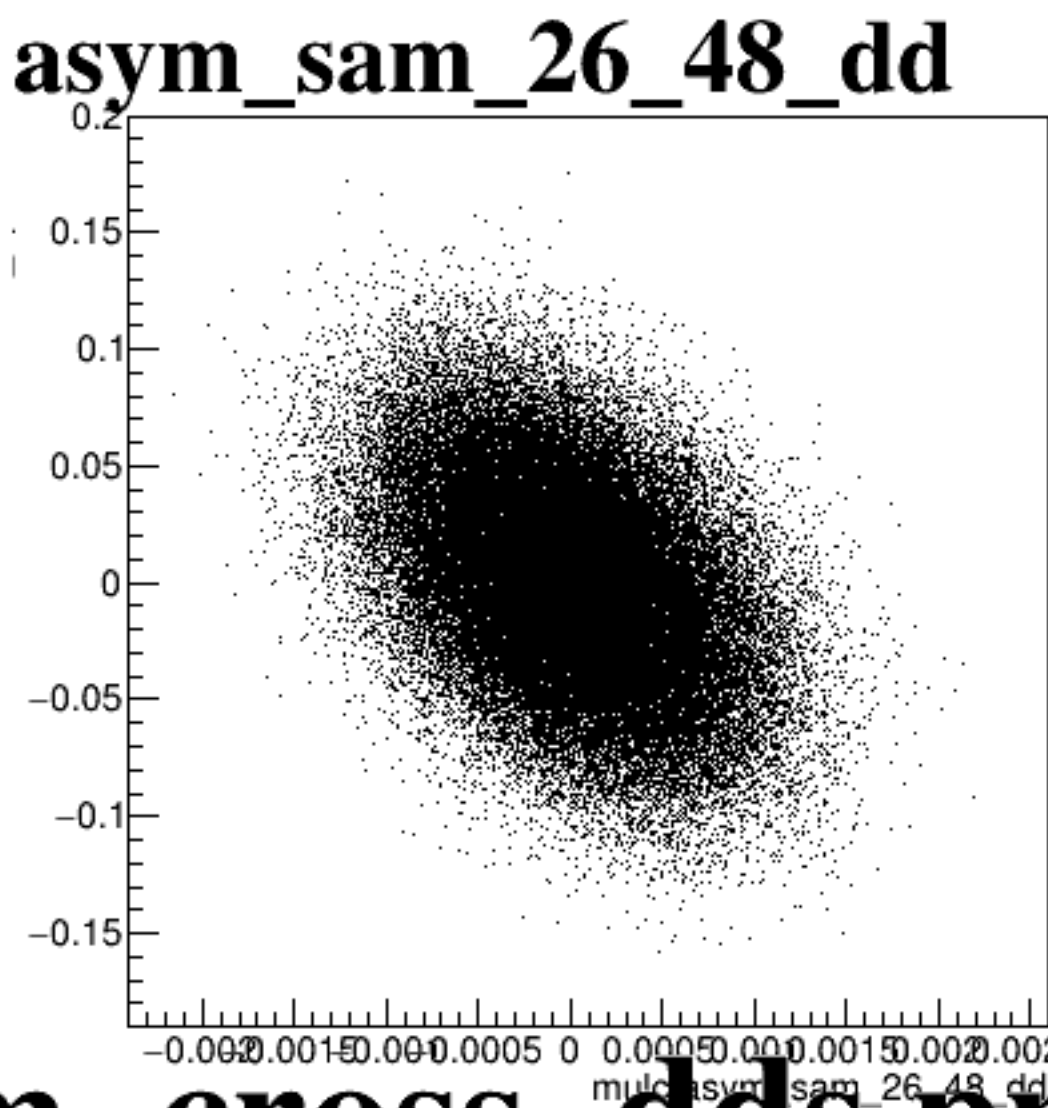
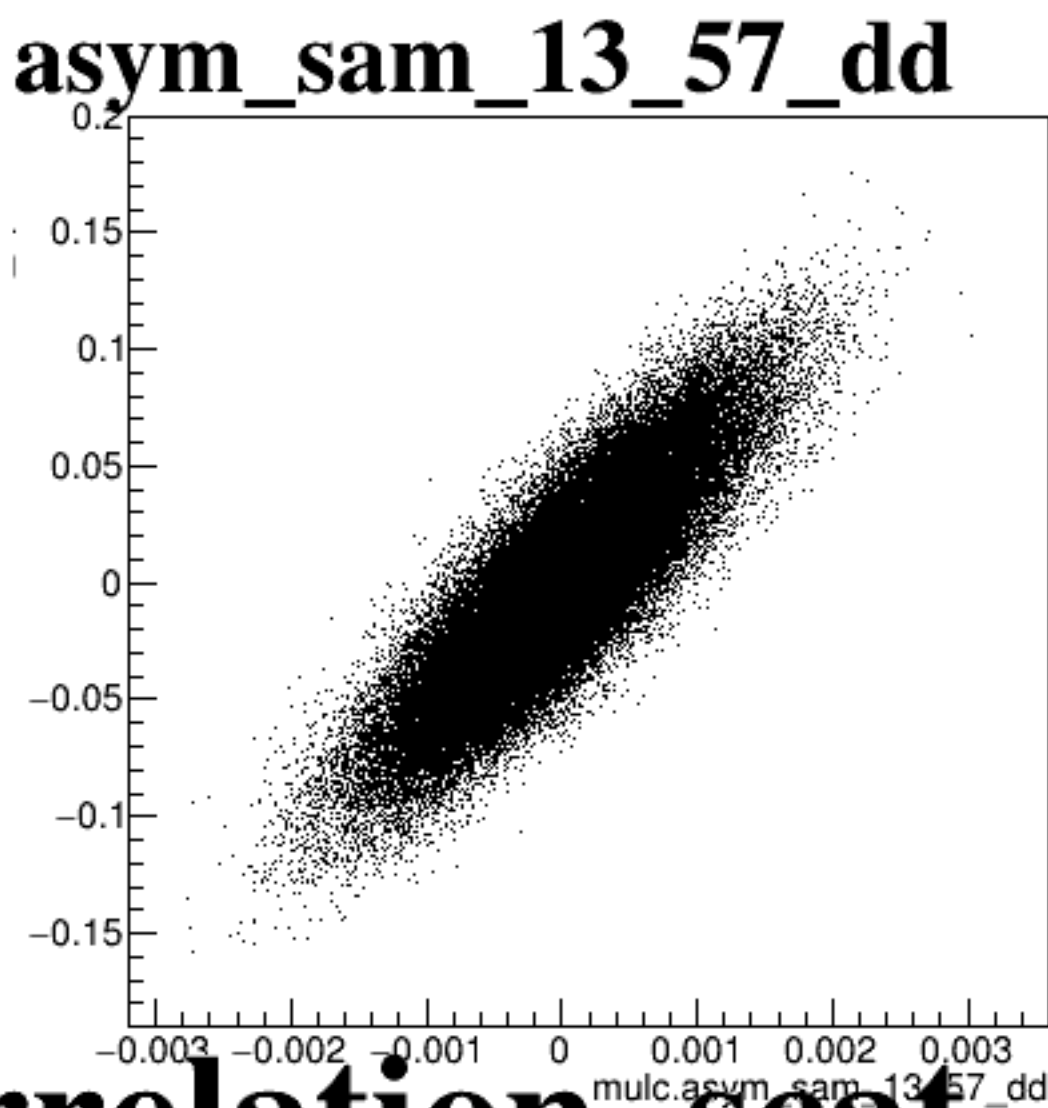
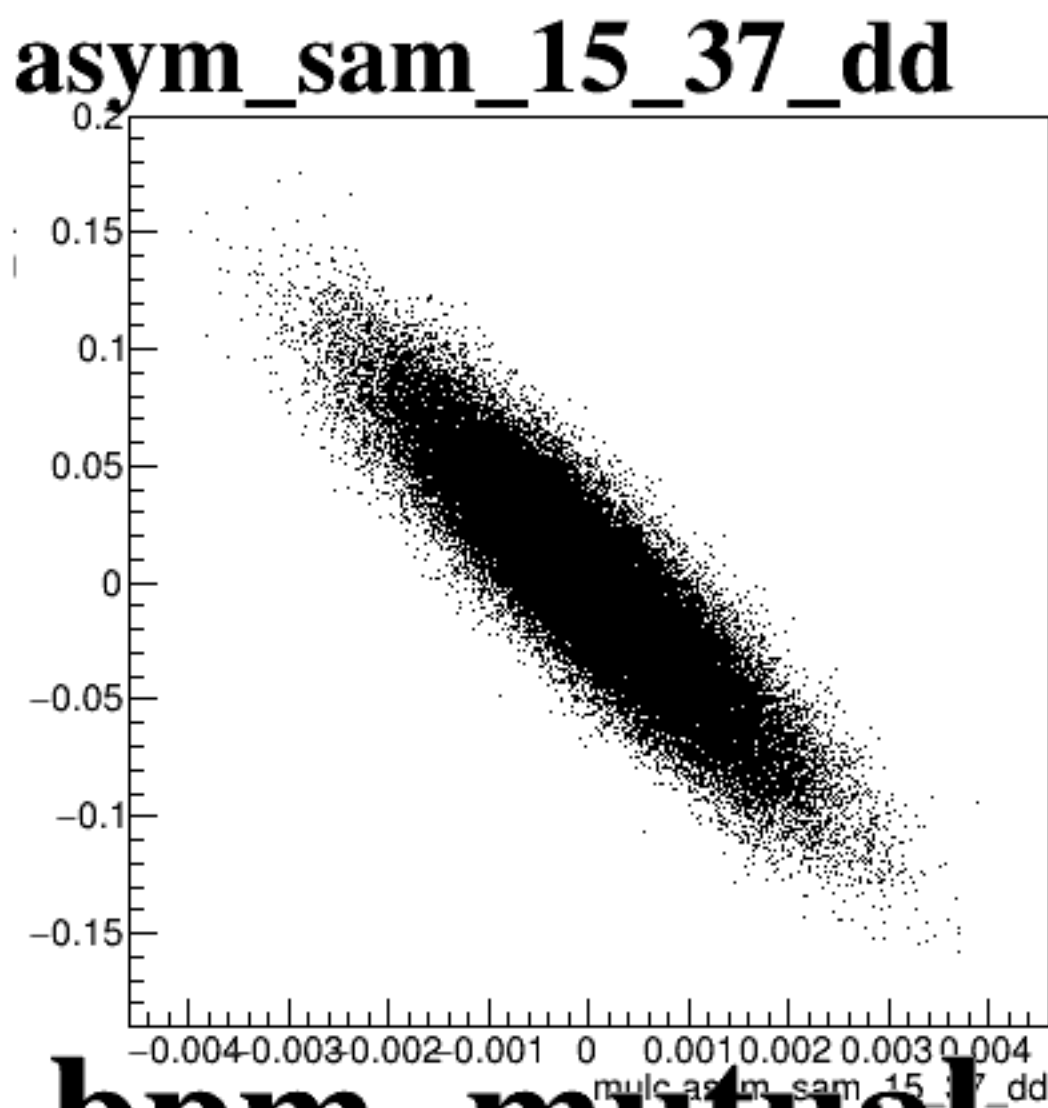
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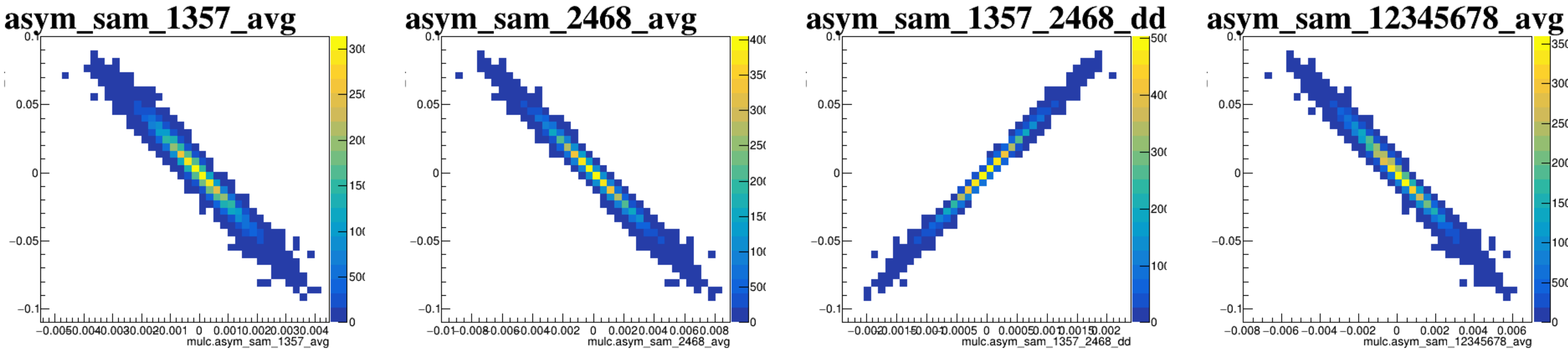
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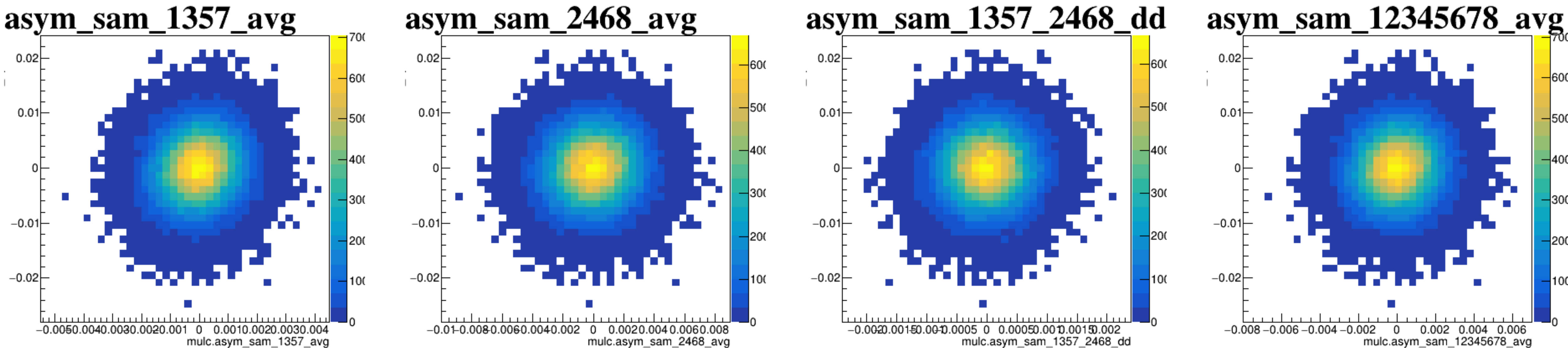
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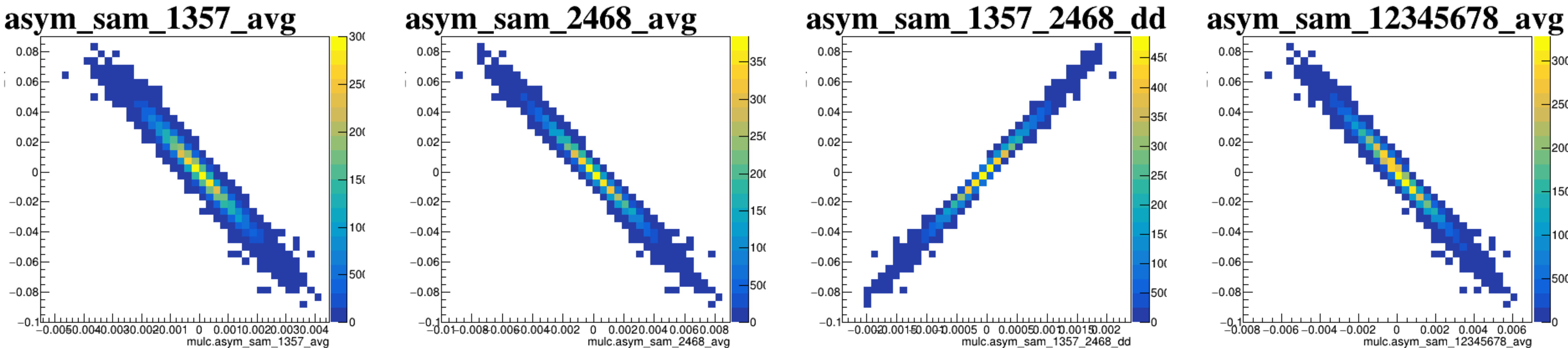
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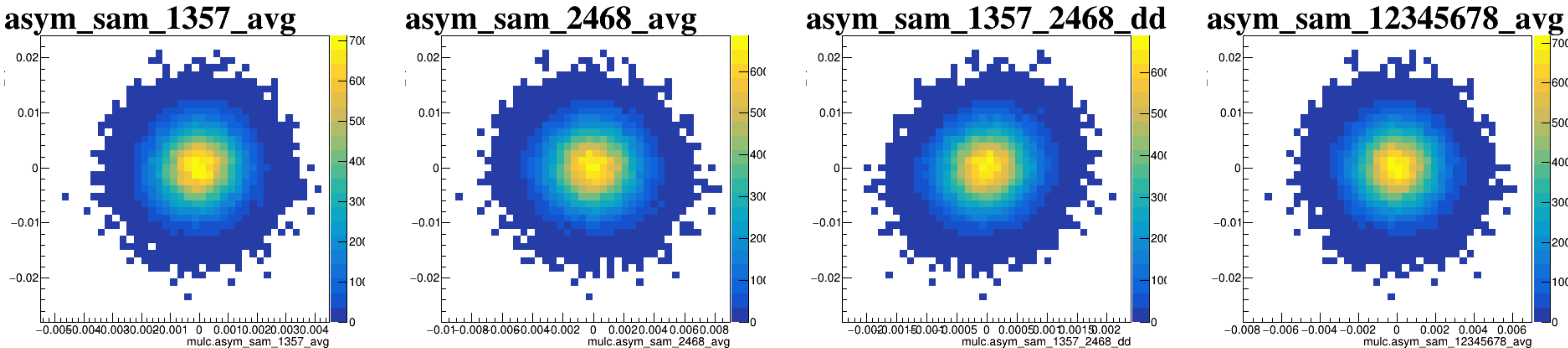
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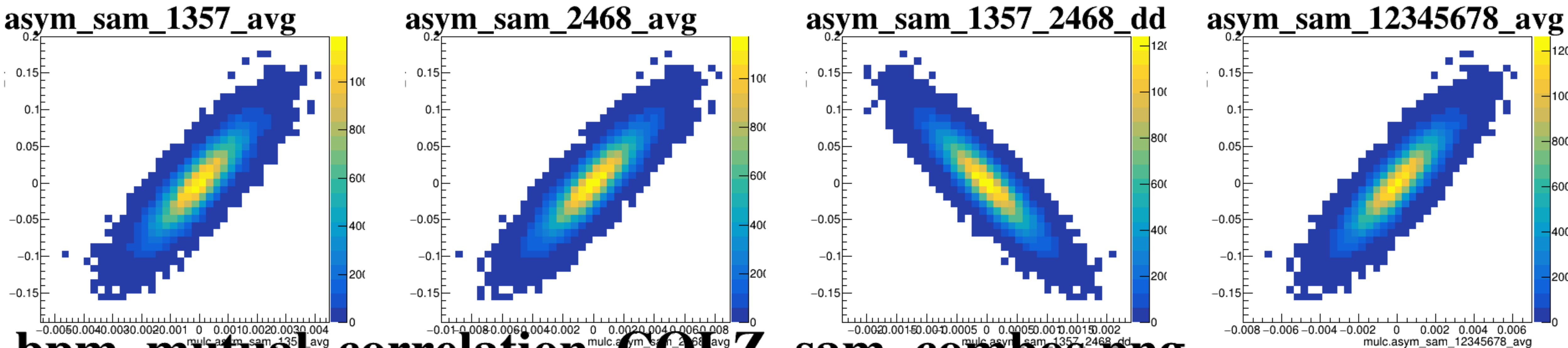
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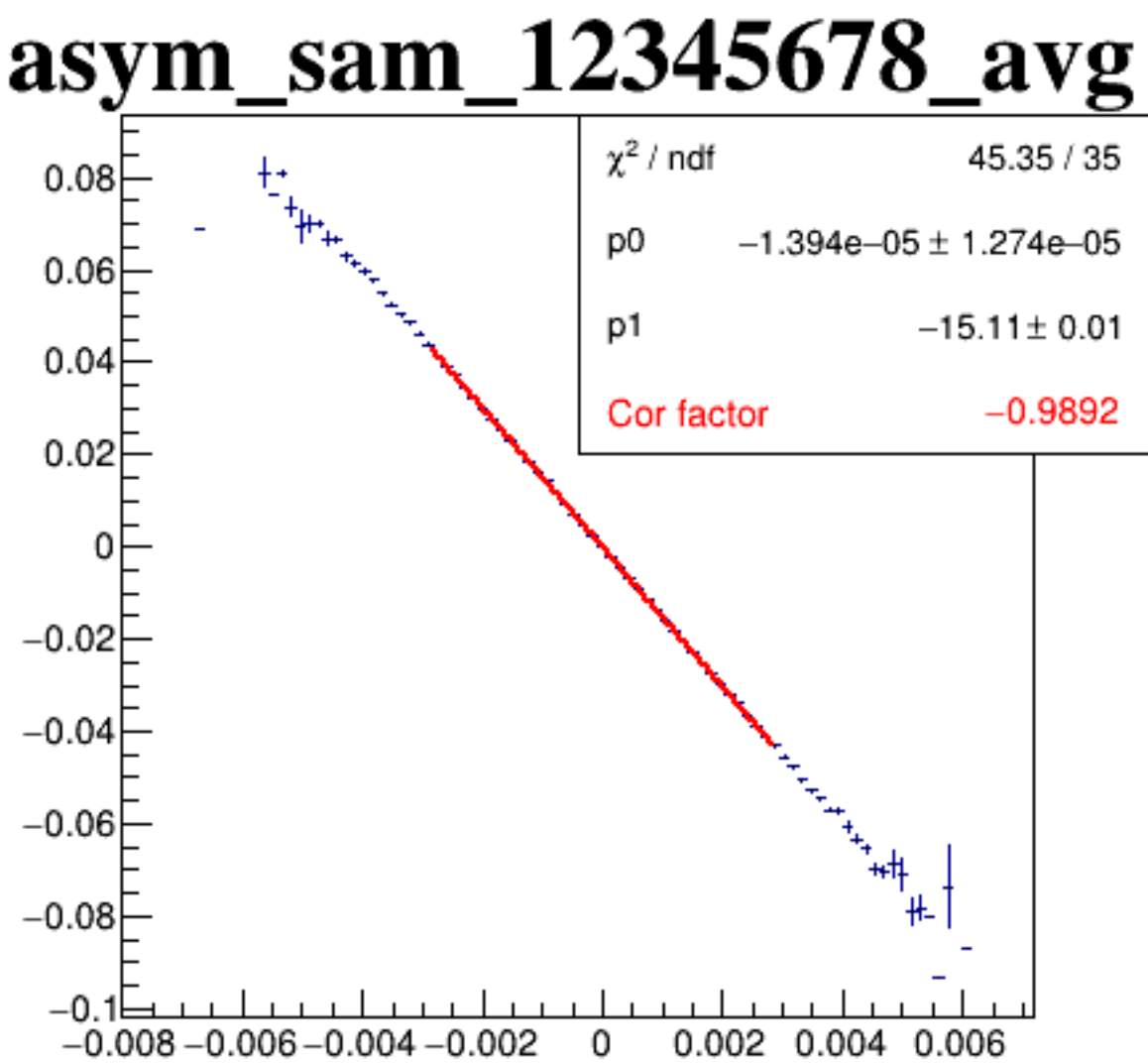
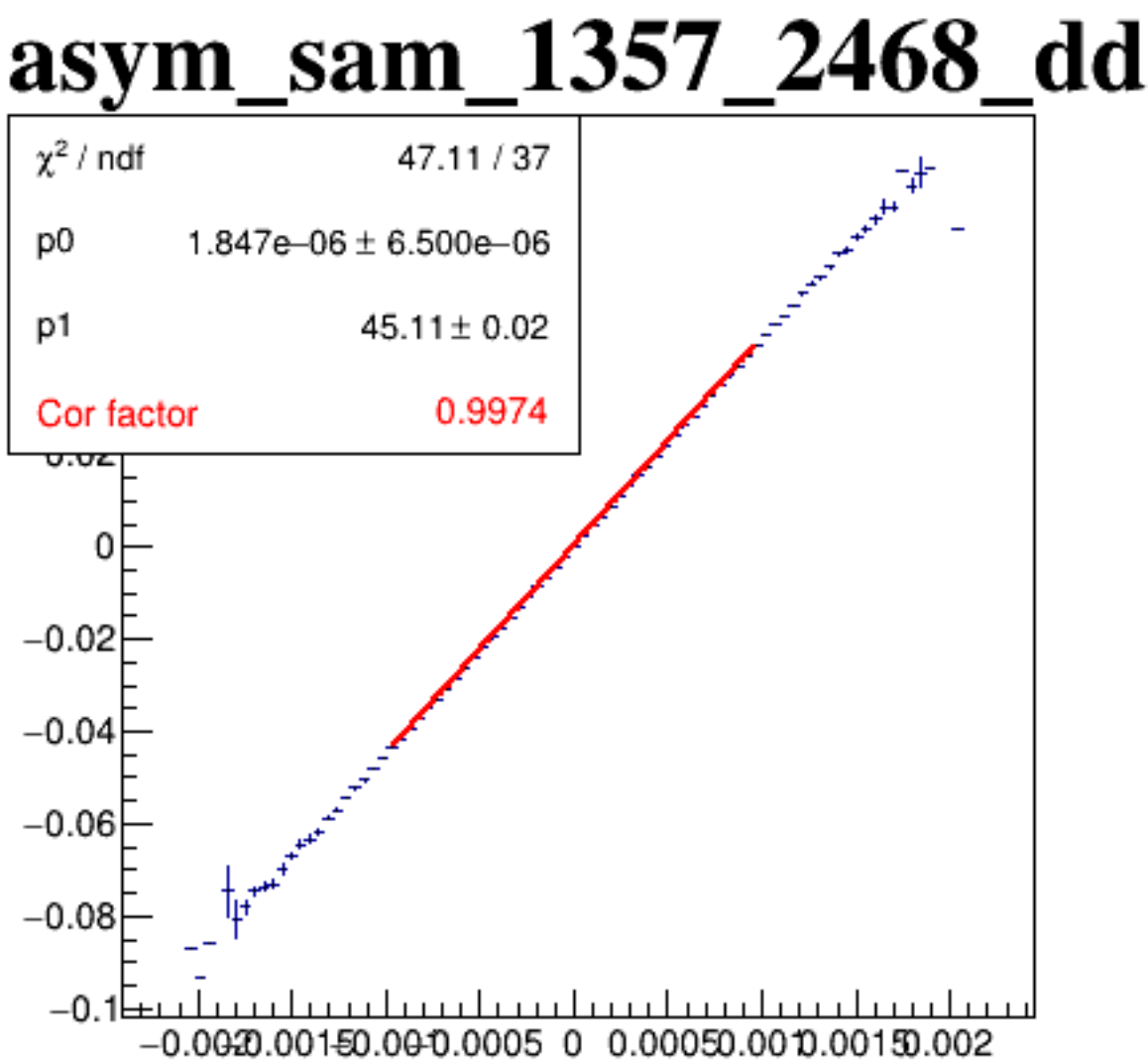
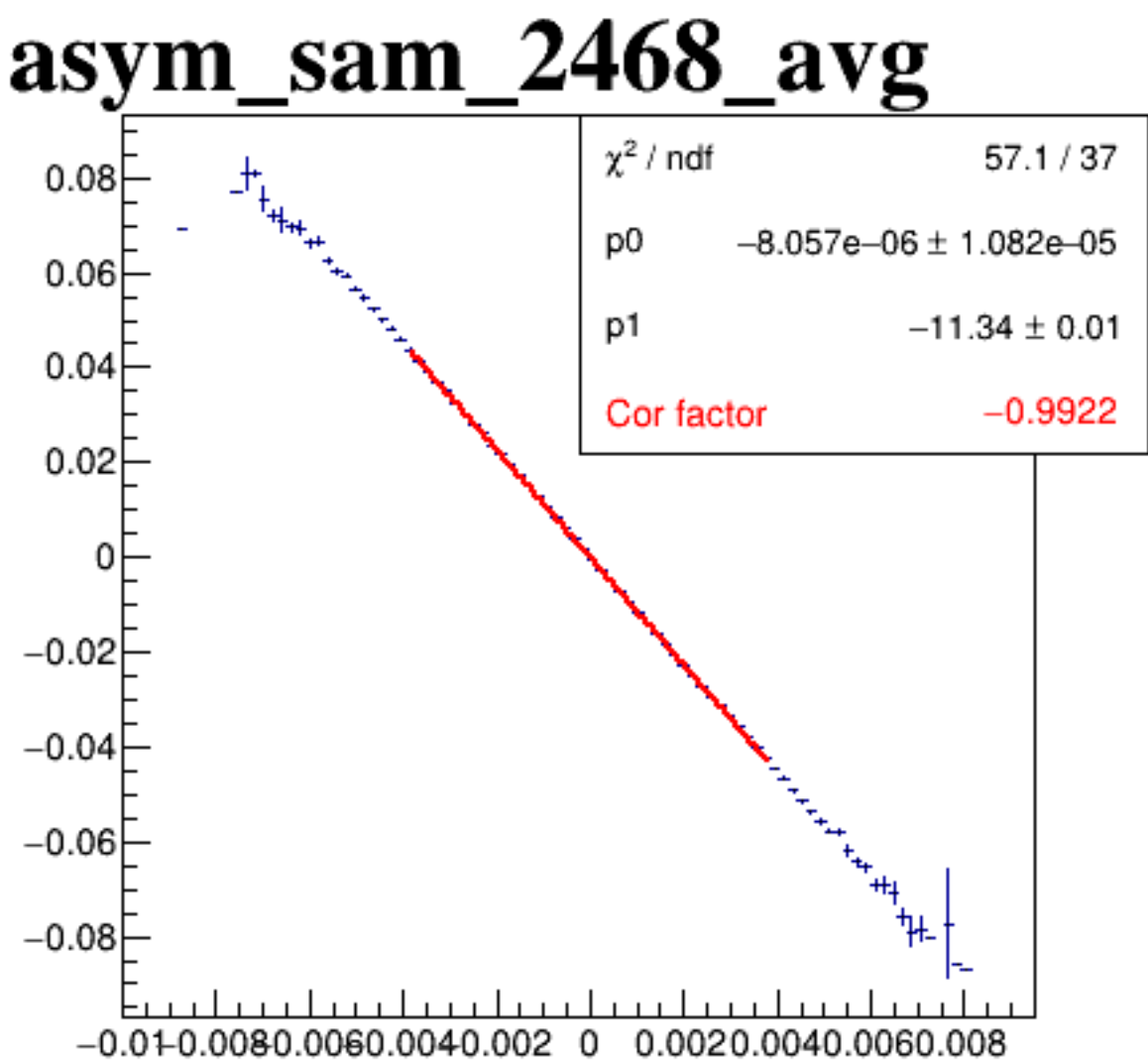
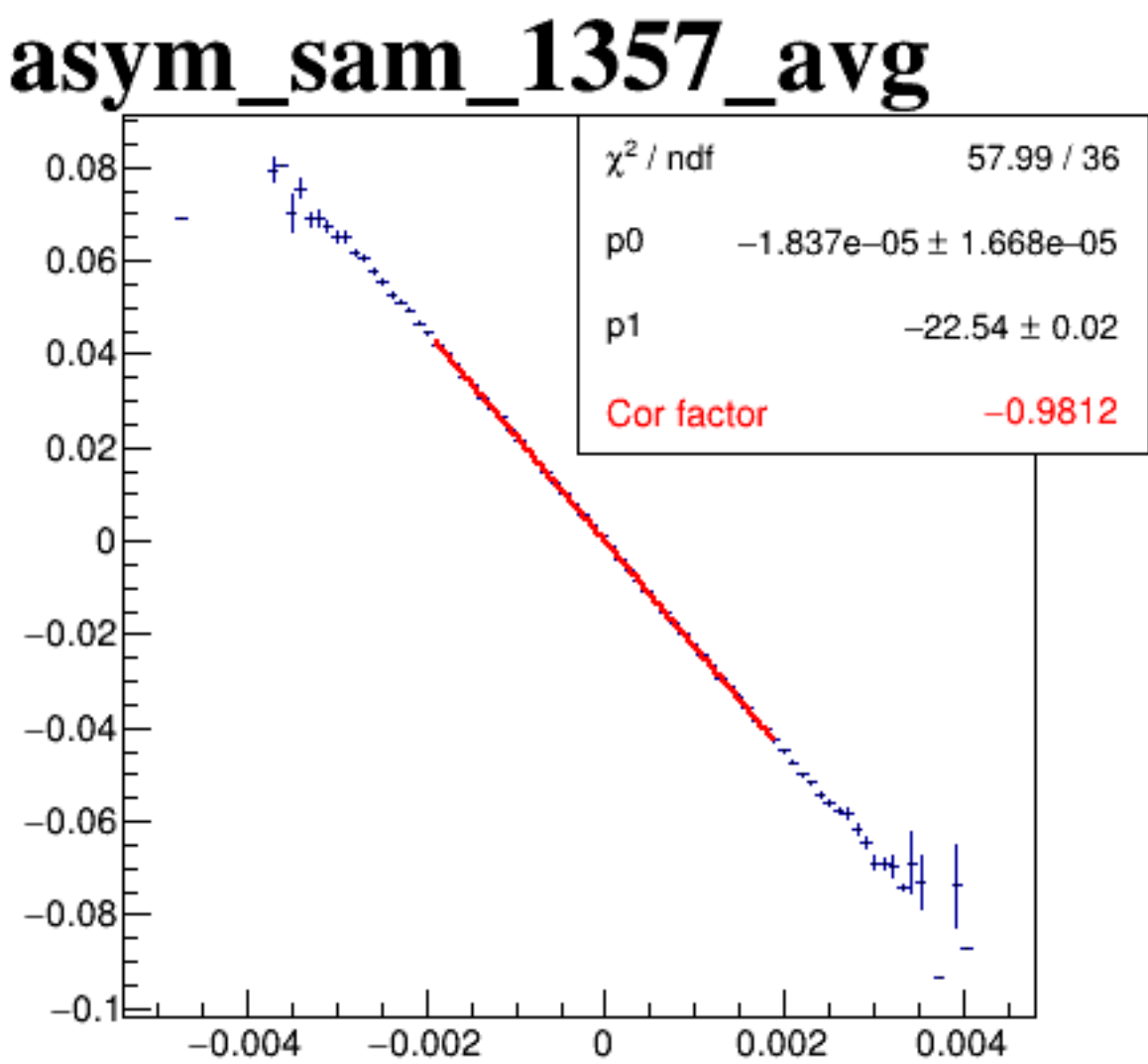
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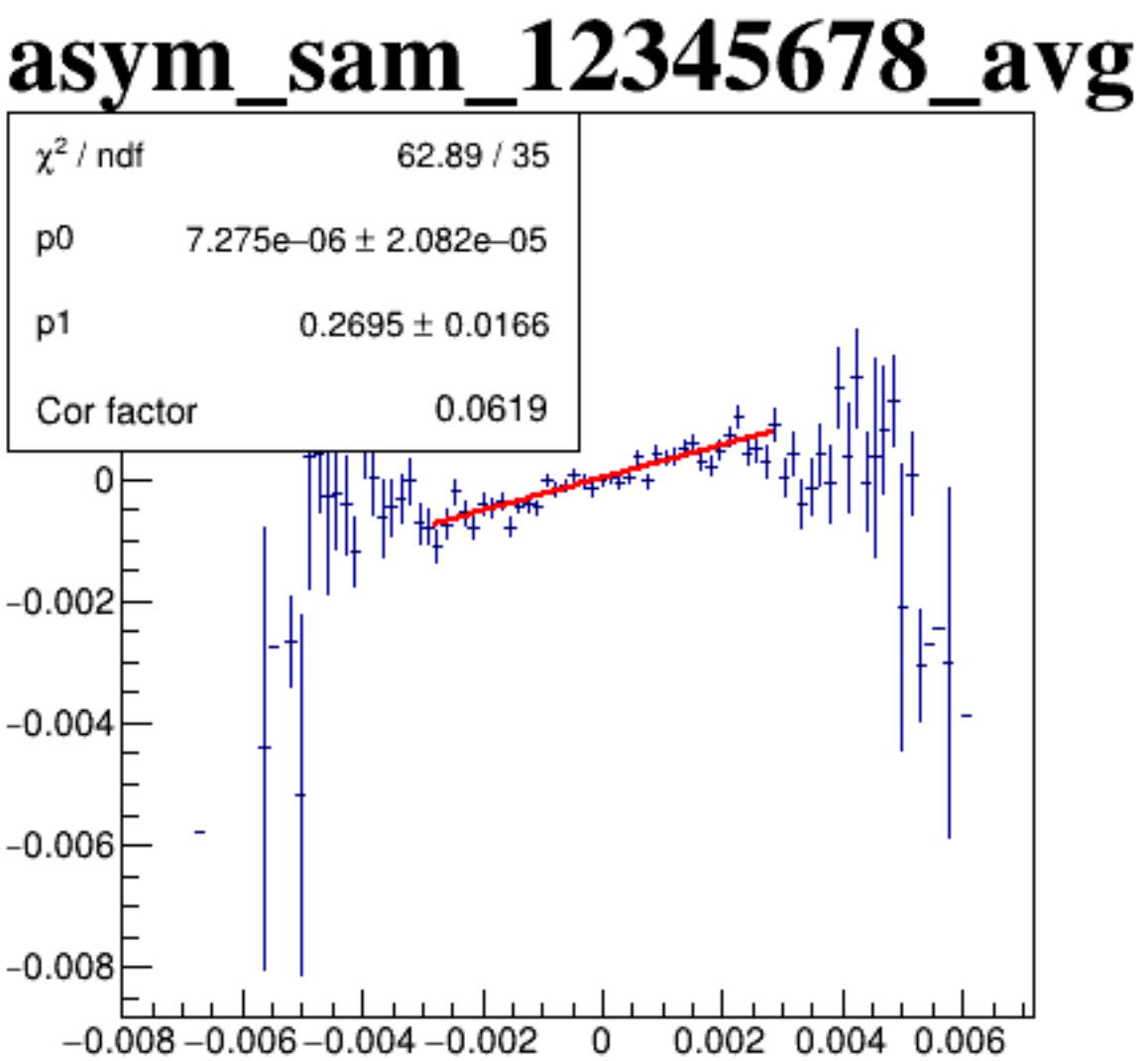
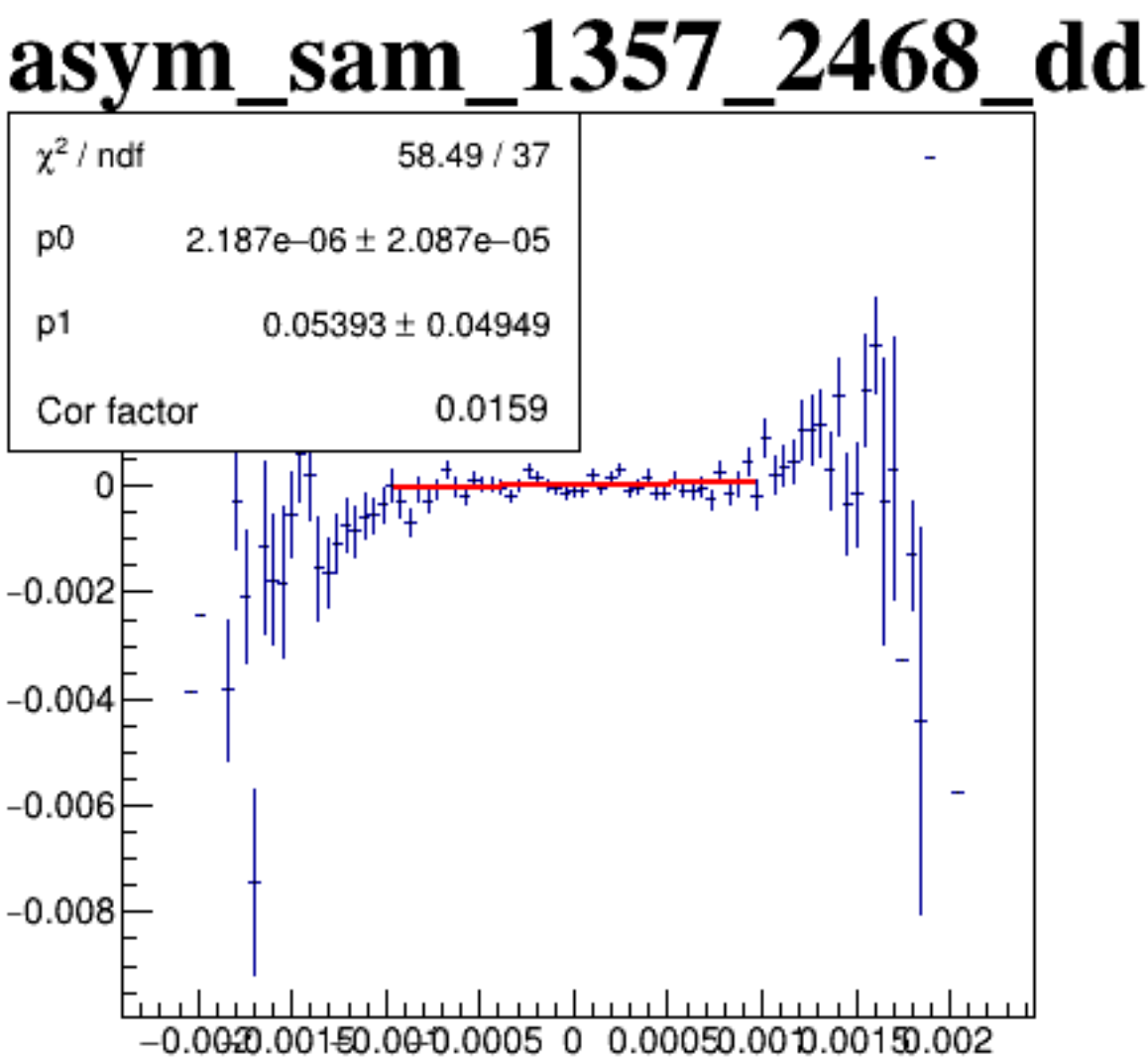
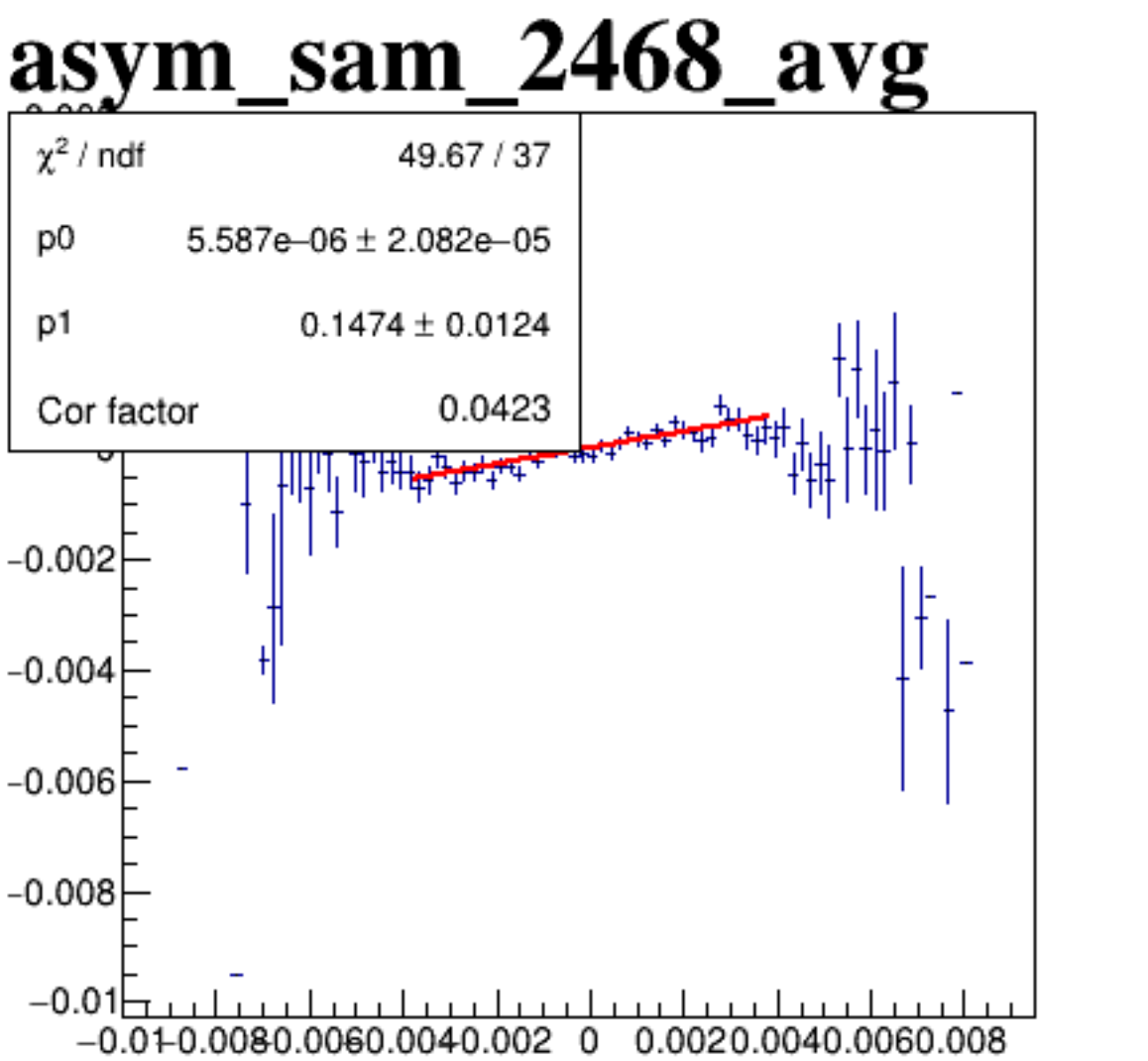
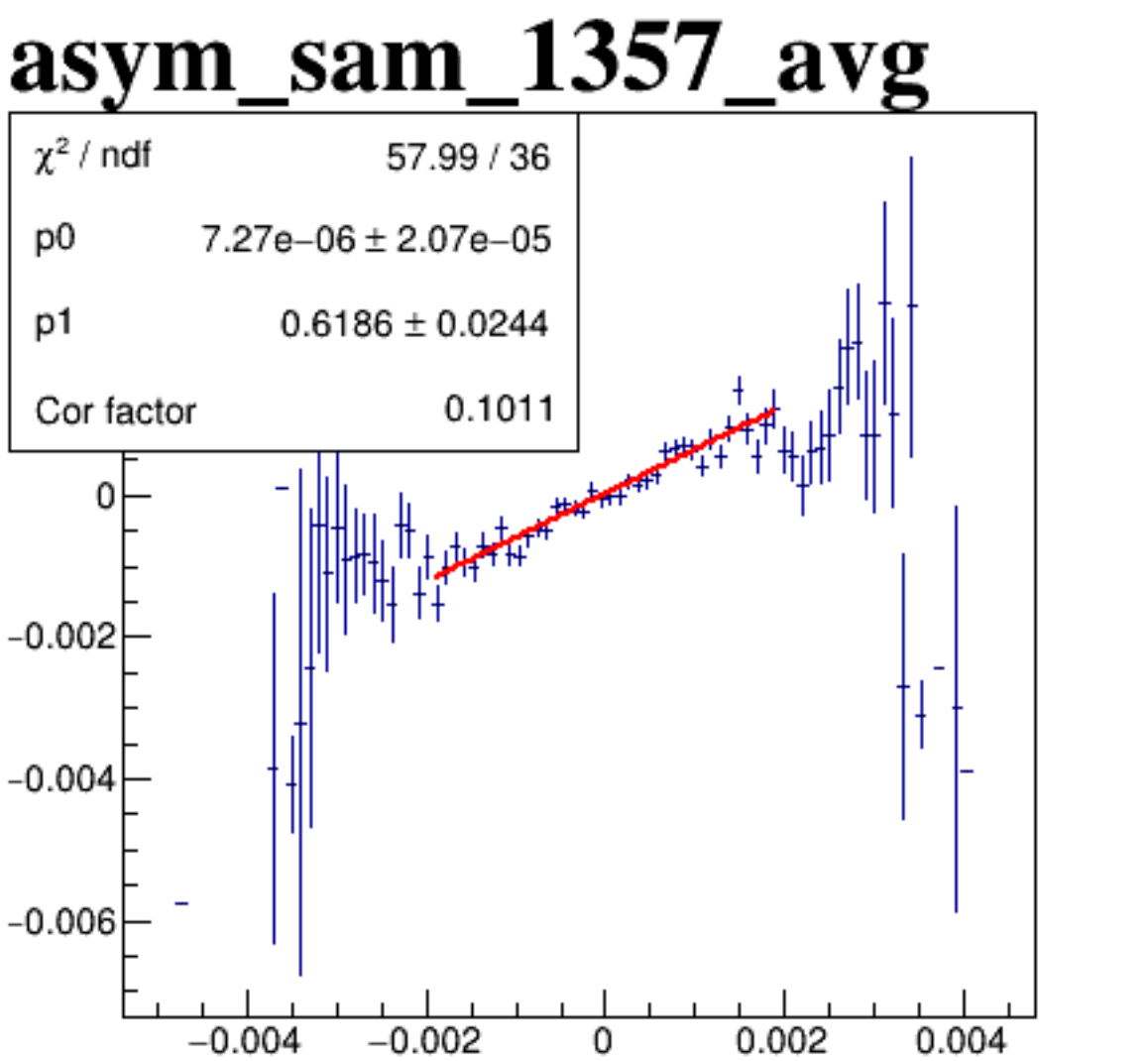
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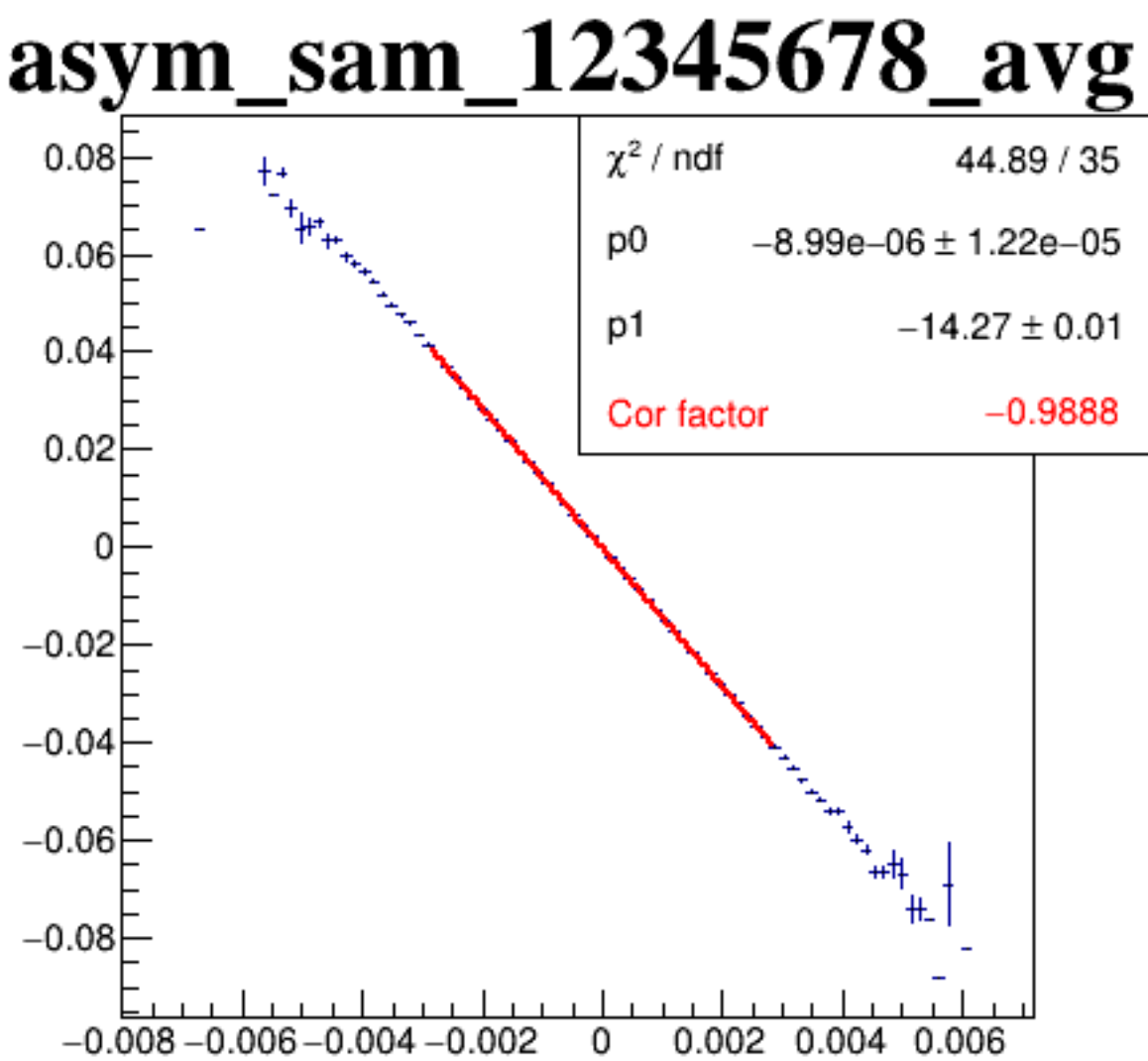
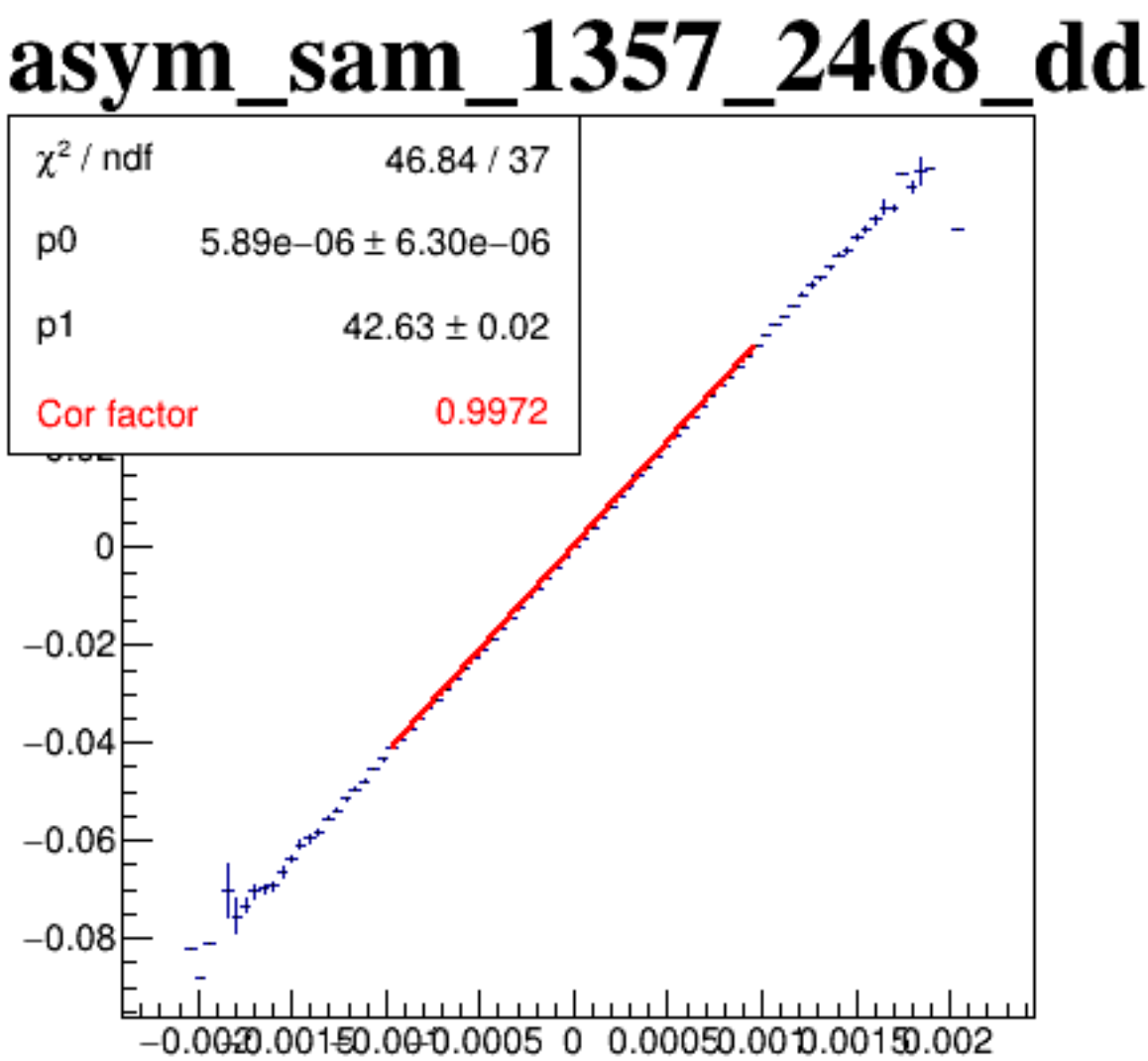
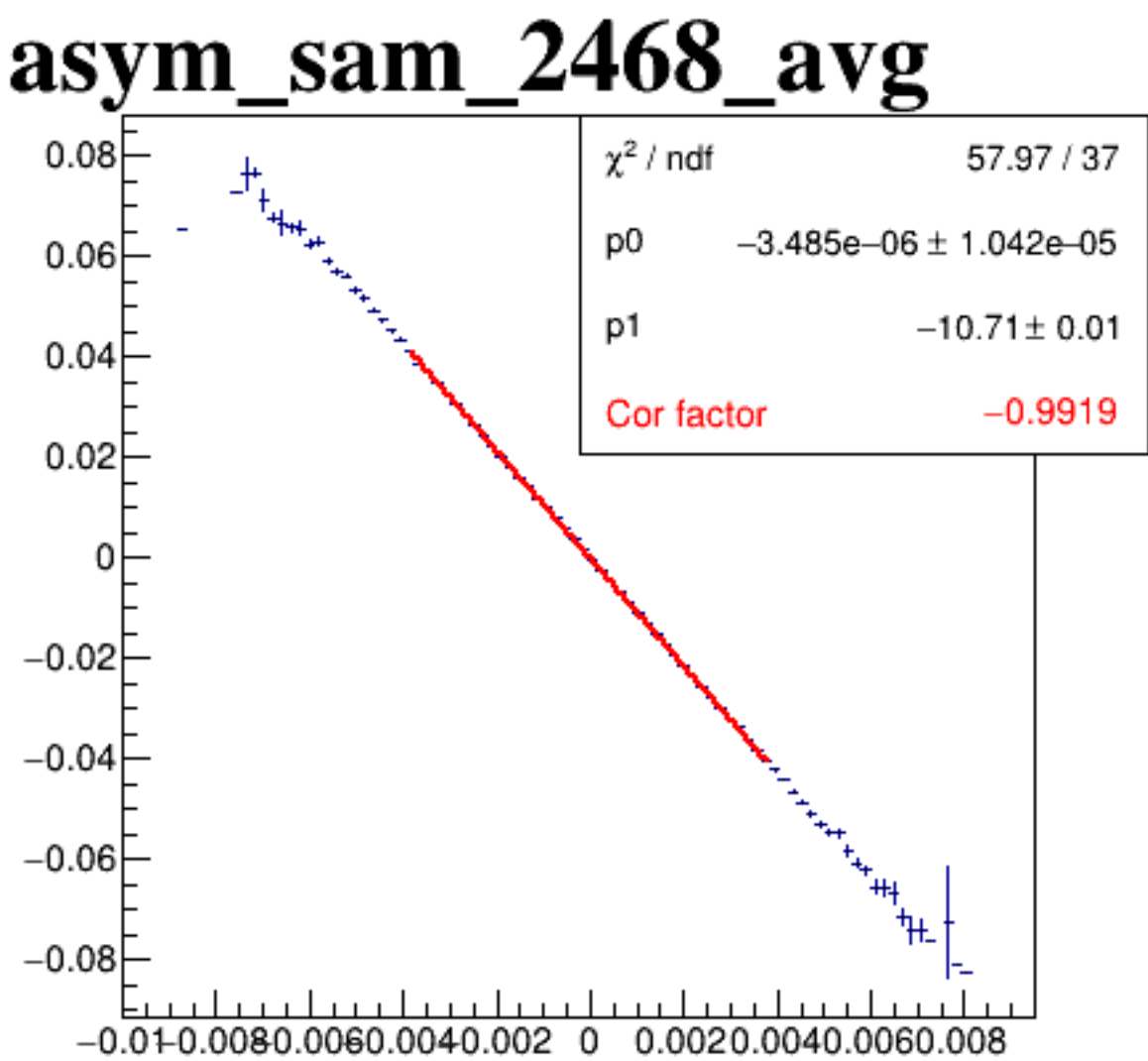
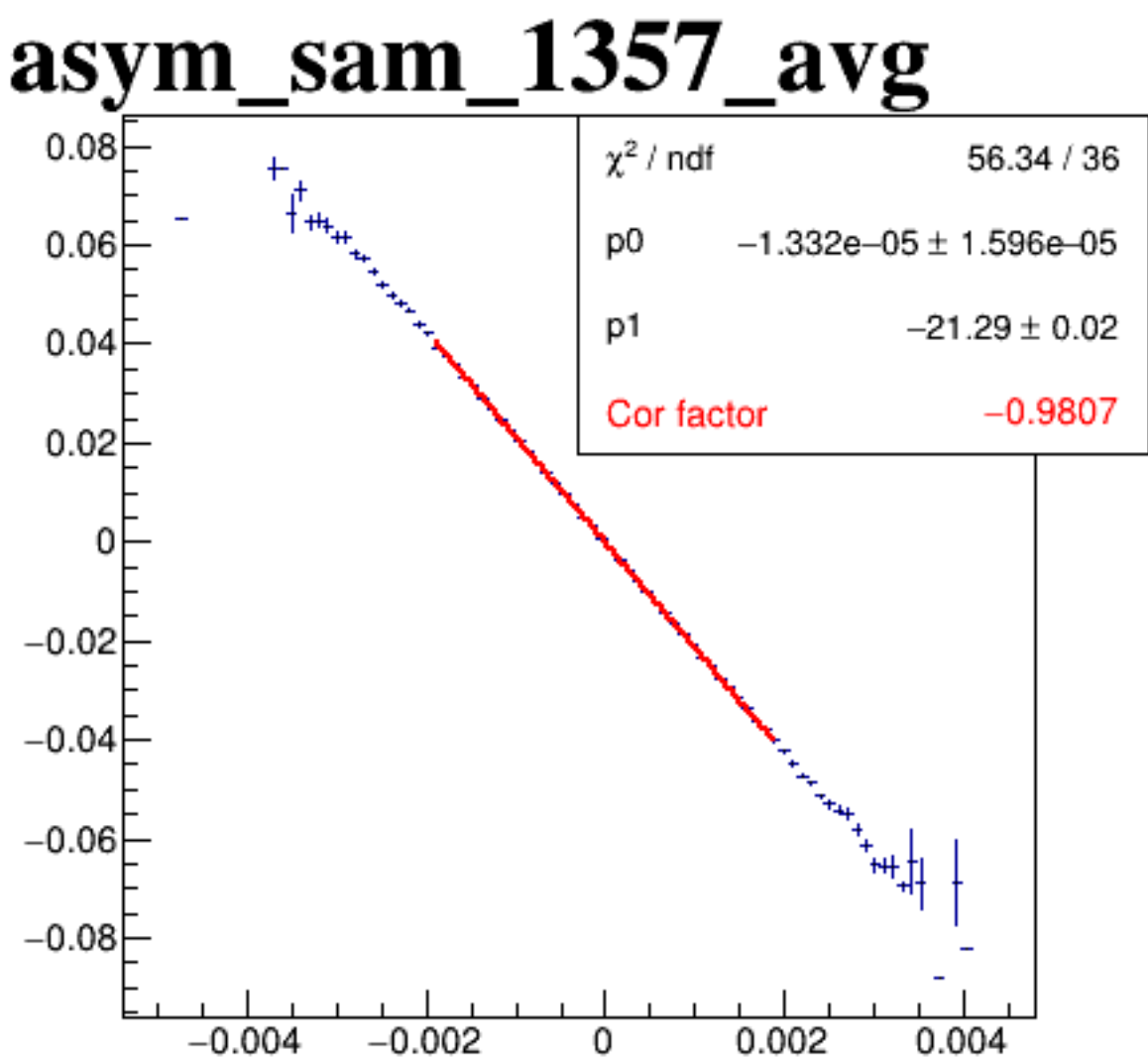
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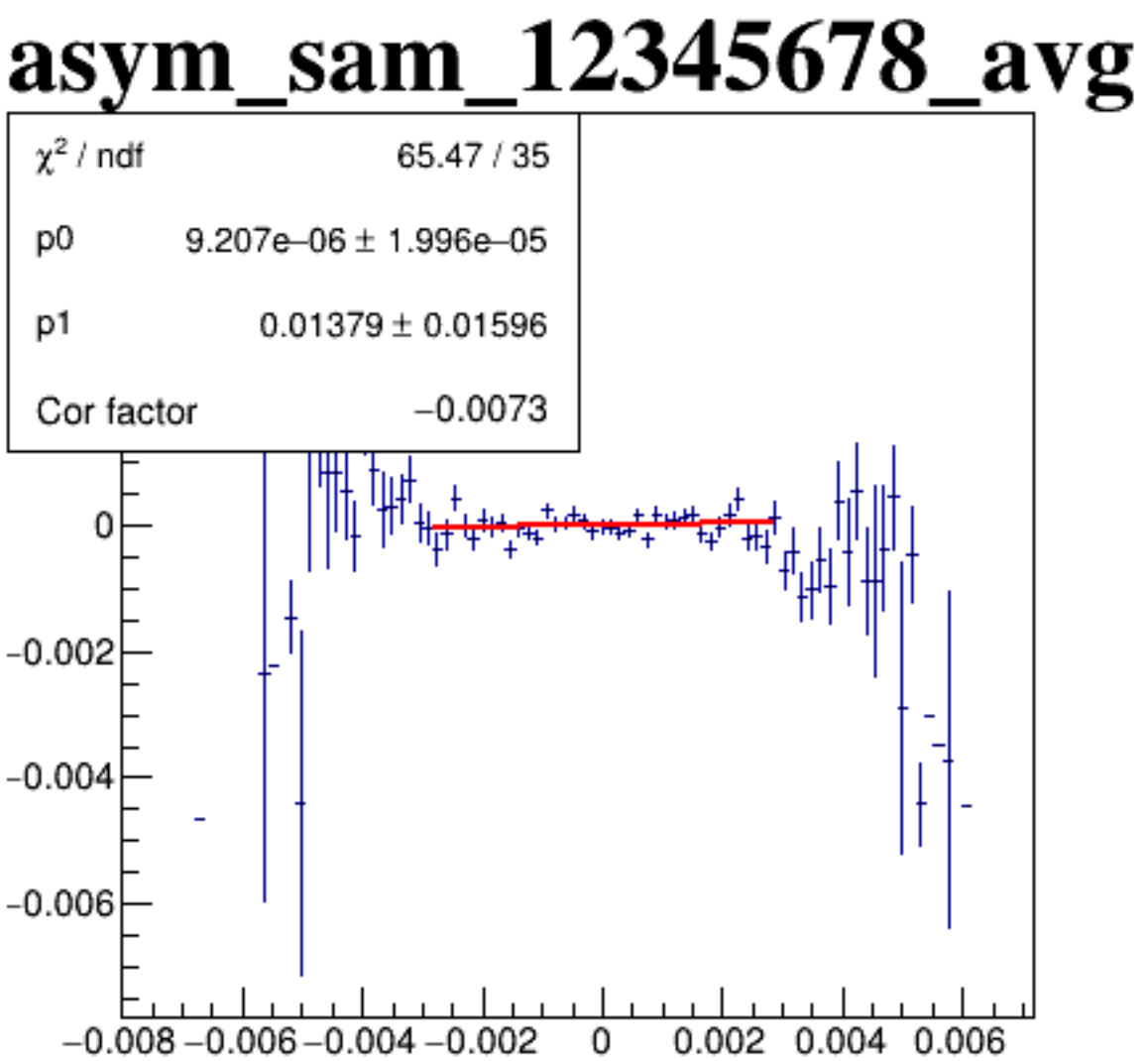
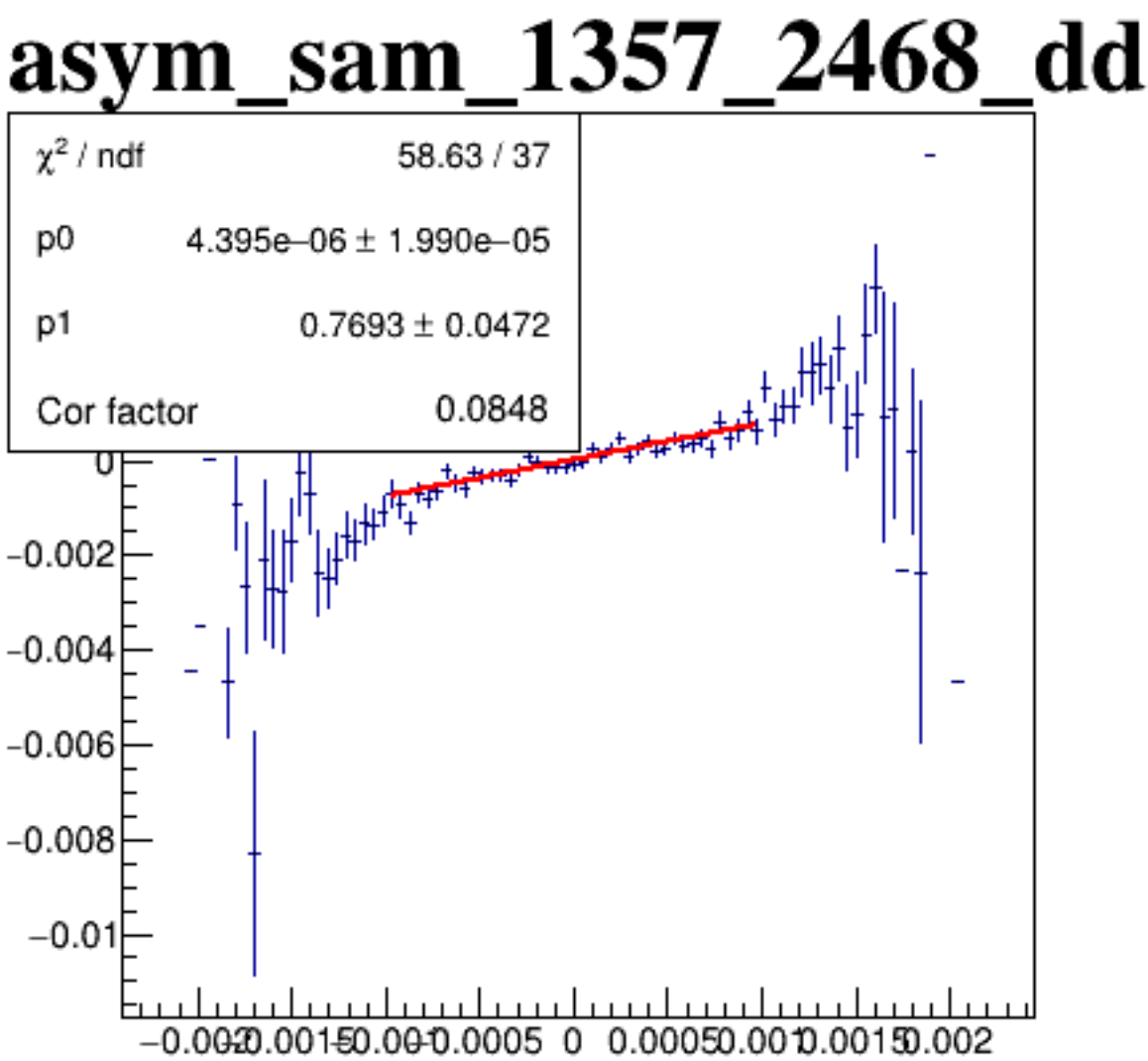
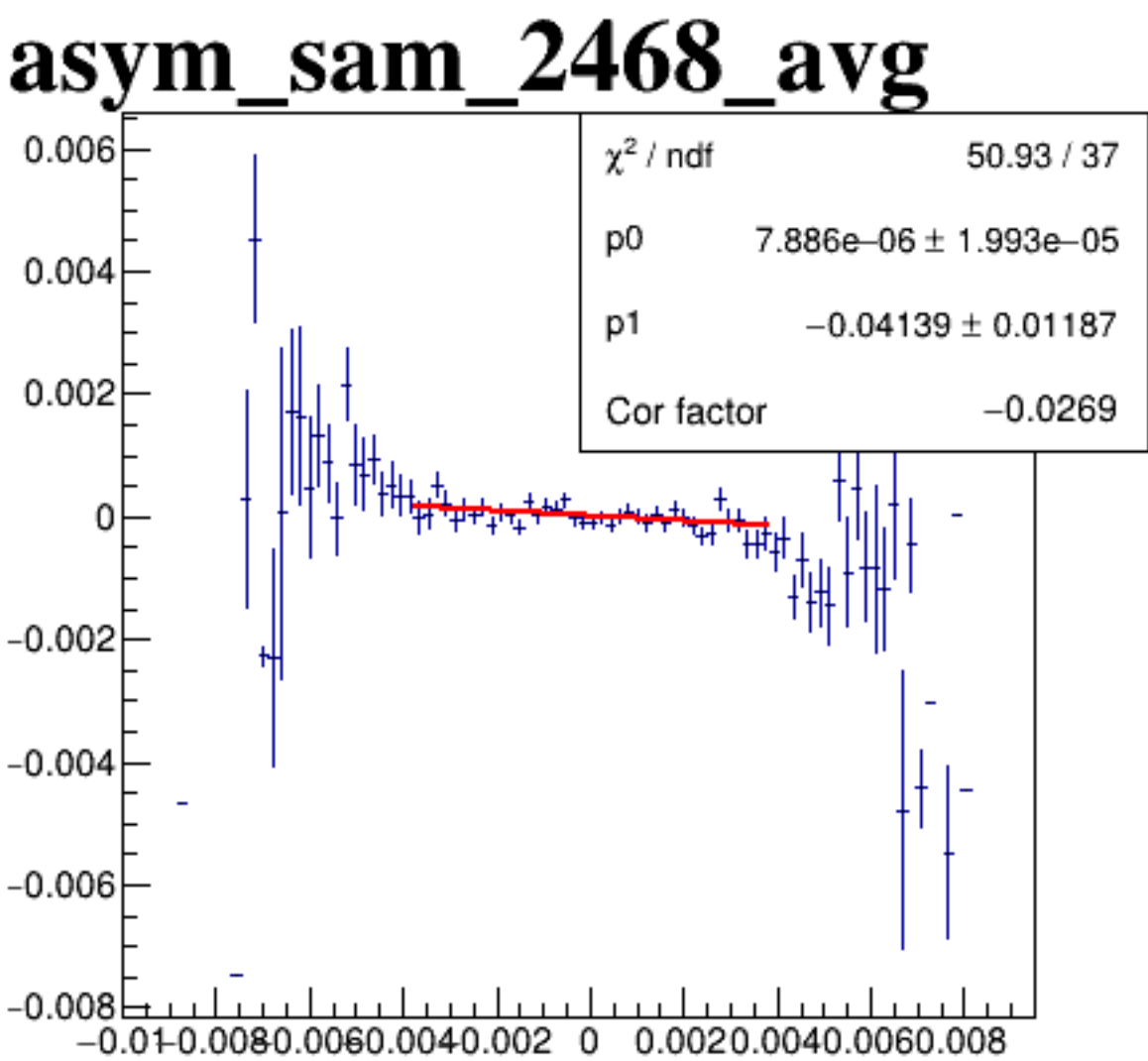
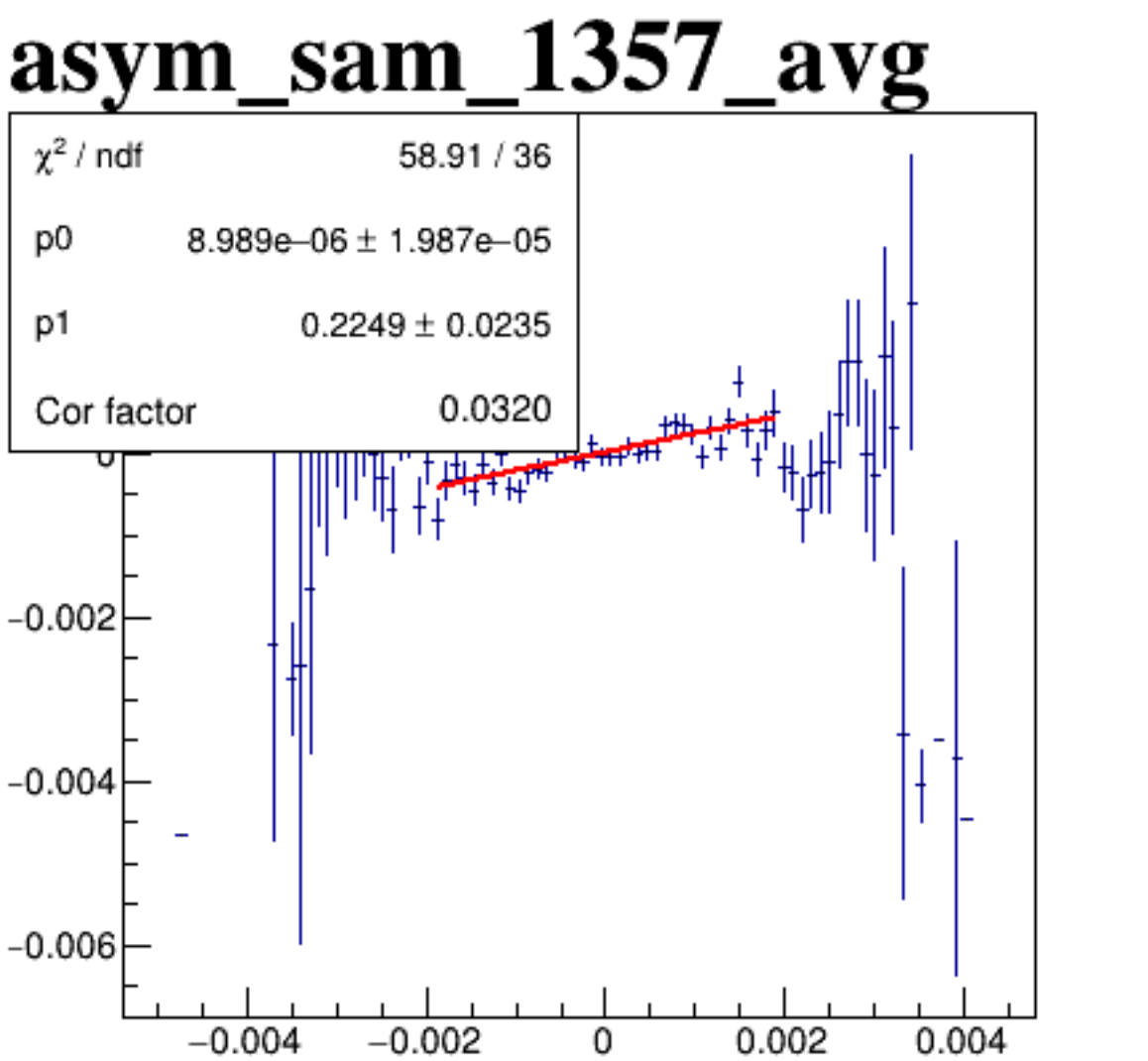
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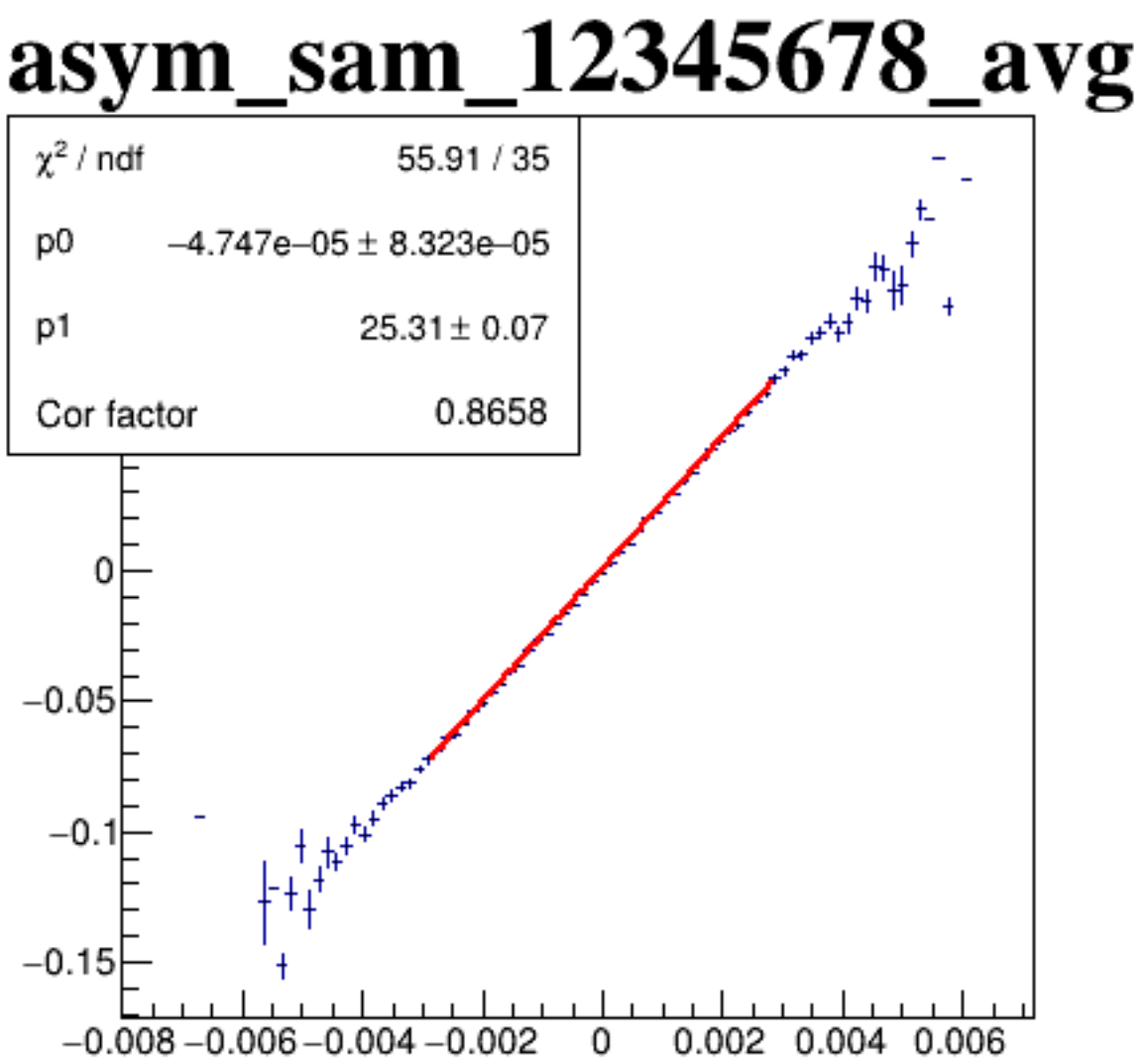
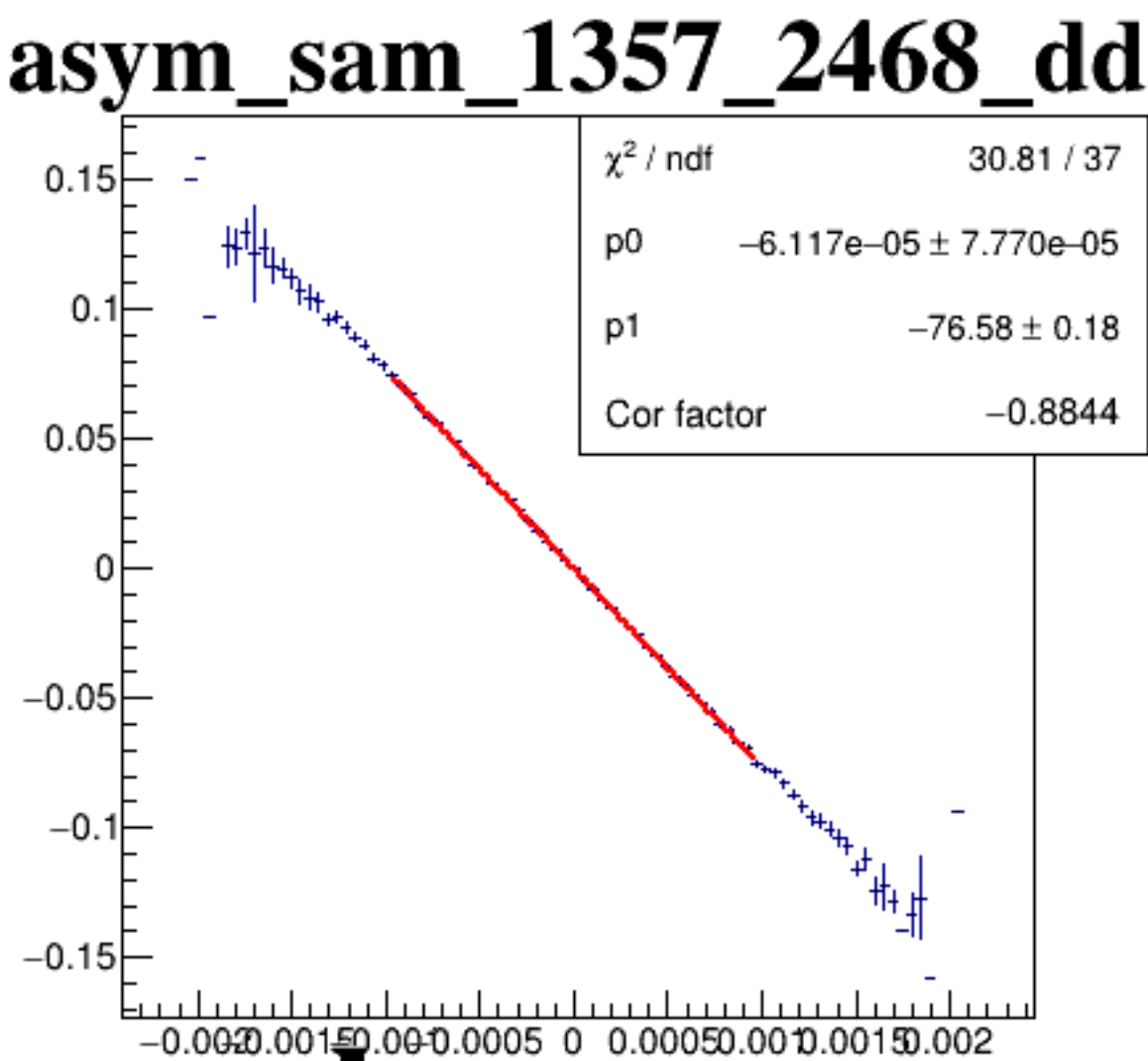
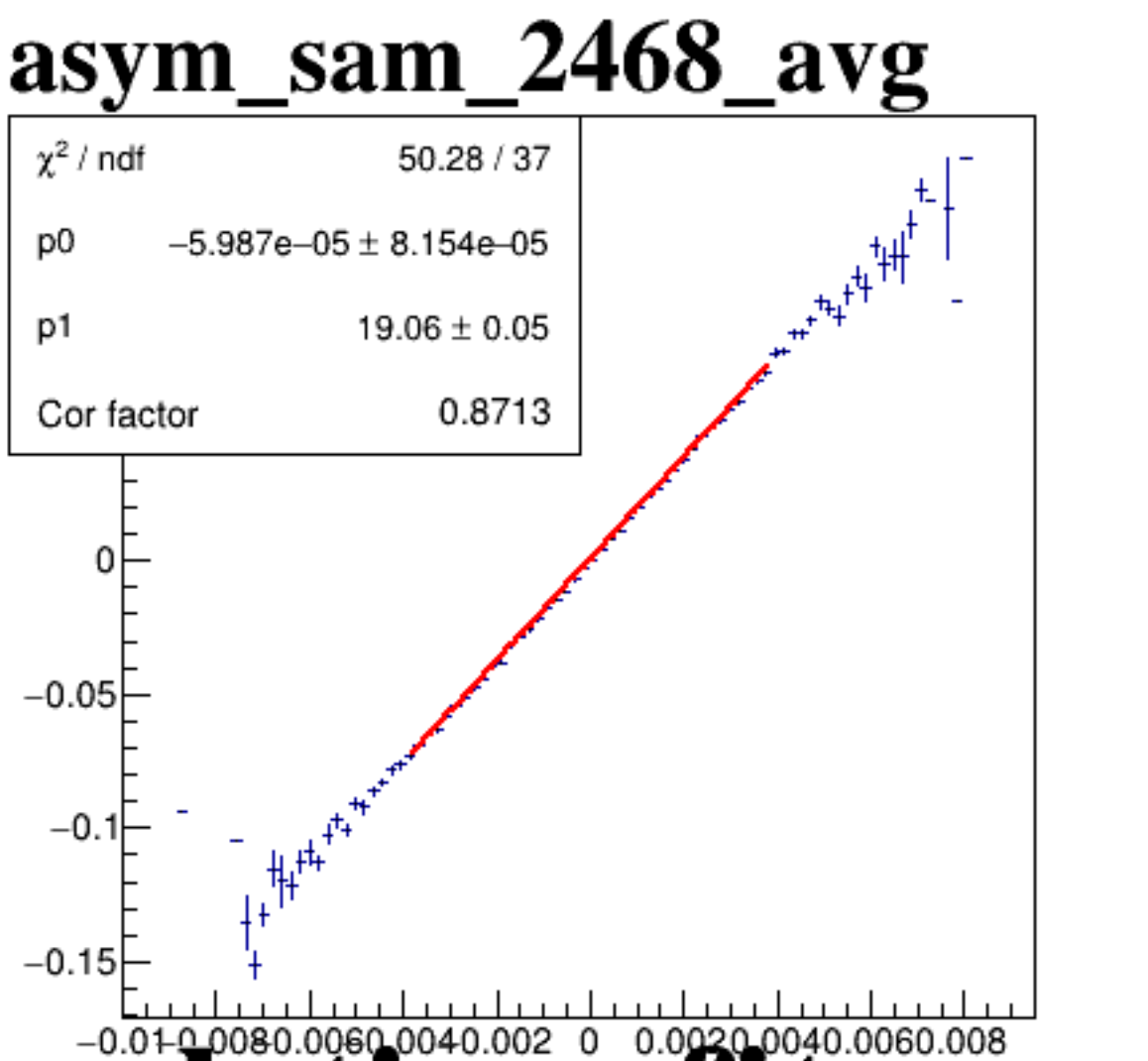
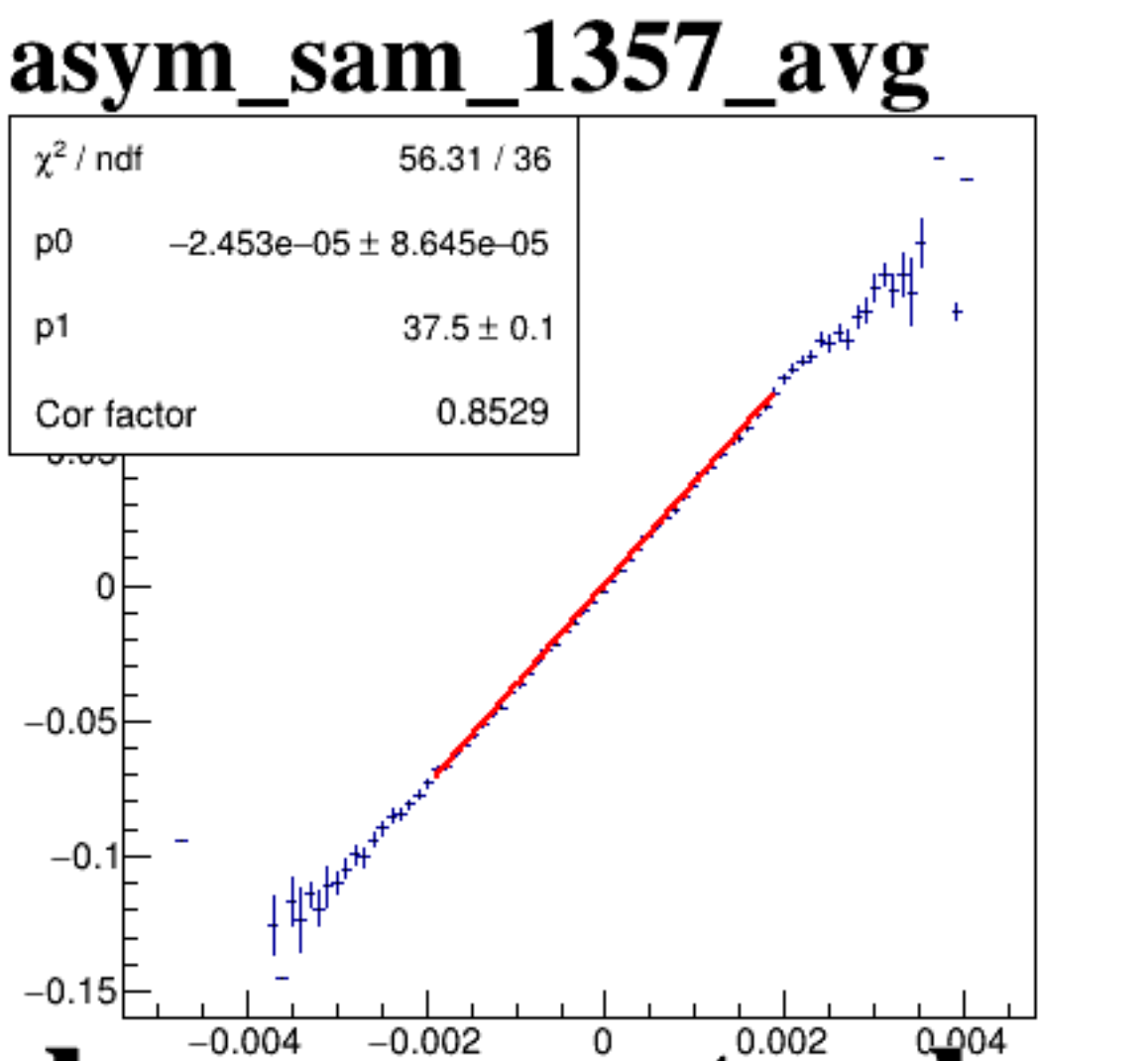
diff_bpm4eX



diff_bpm4eY



diff_bpm12X

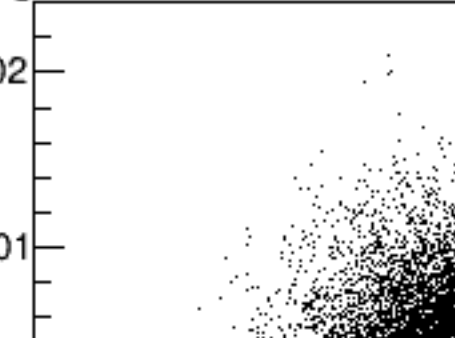


A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The y-axis ranges from -0.1 to 0.1, and the x-axis ranges from -0.008 to 0.006. The data points form a dense, dark diagonal line, indicating a strong positive correlation between the two variables.

asym_sam_1357_2468_dd

mulc.asym_sam_1357_2468_dd

asym_sam_1357_2468_dd



A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation. The axes range from approximately -0.008 to 0.006 on the x-axis and -0.02 to 0.02 on the y-axis.

A scatter plot showing the relationship between two variables. The y-axis is labeled 'asym_sam_1357_2468_dd' and ranges from -0.15 to 0.2. The x-axis is labeled 'mulc_asym_sam_1357_2468_dd' and ranges from -0.0020 to 0.002. The data points form a dense, elongated, elliptical cloud centered around (0, 0), indicating a strong positive correlation.