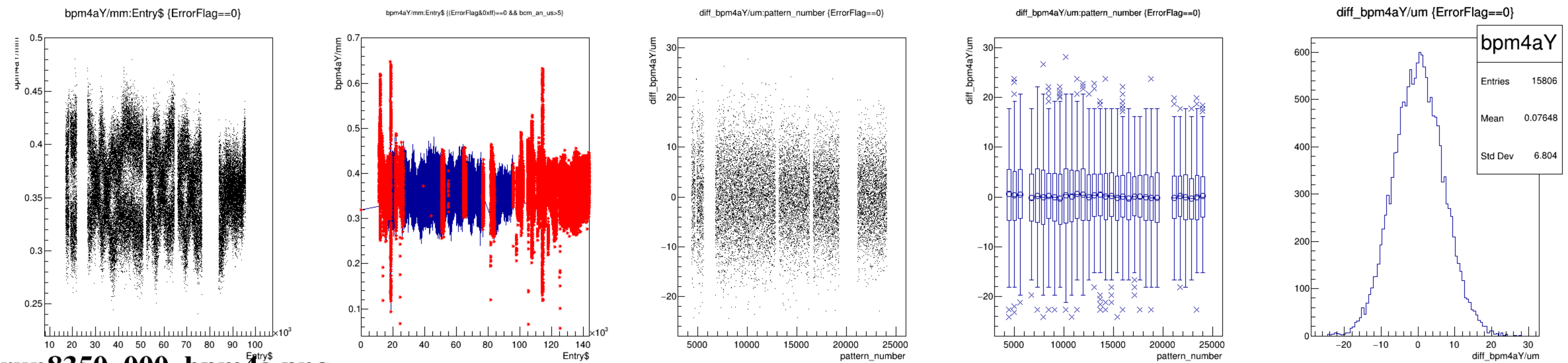
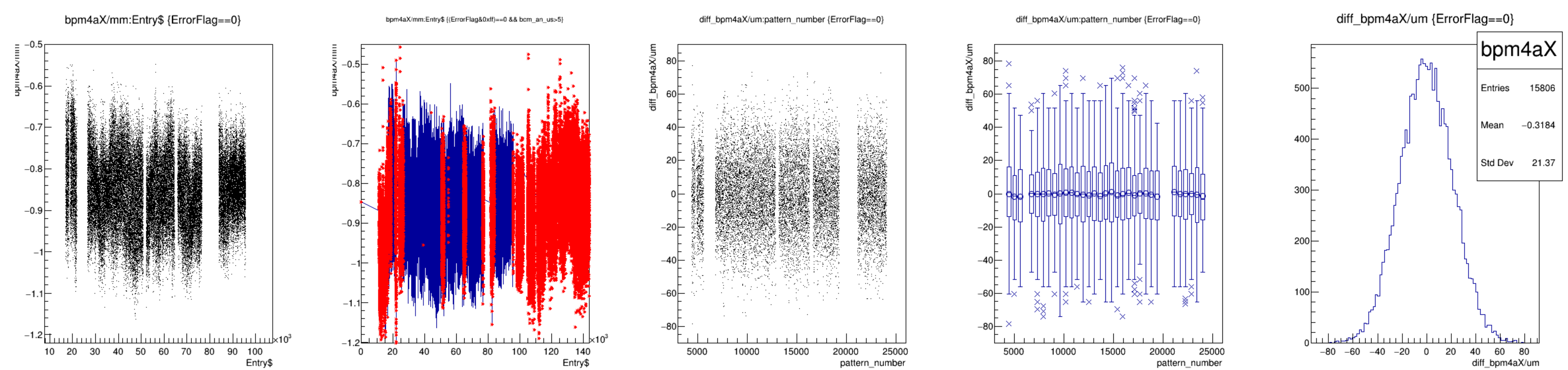
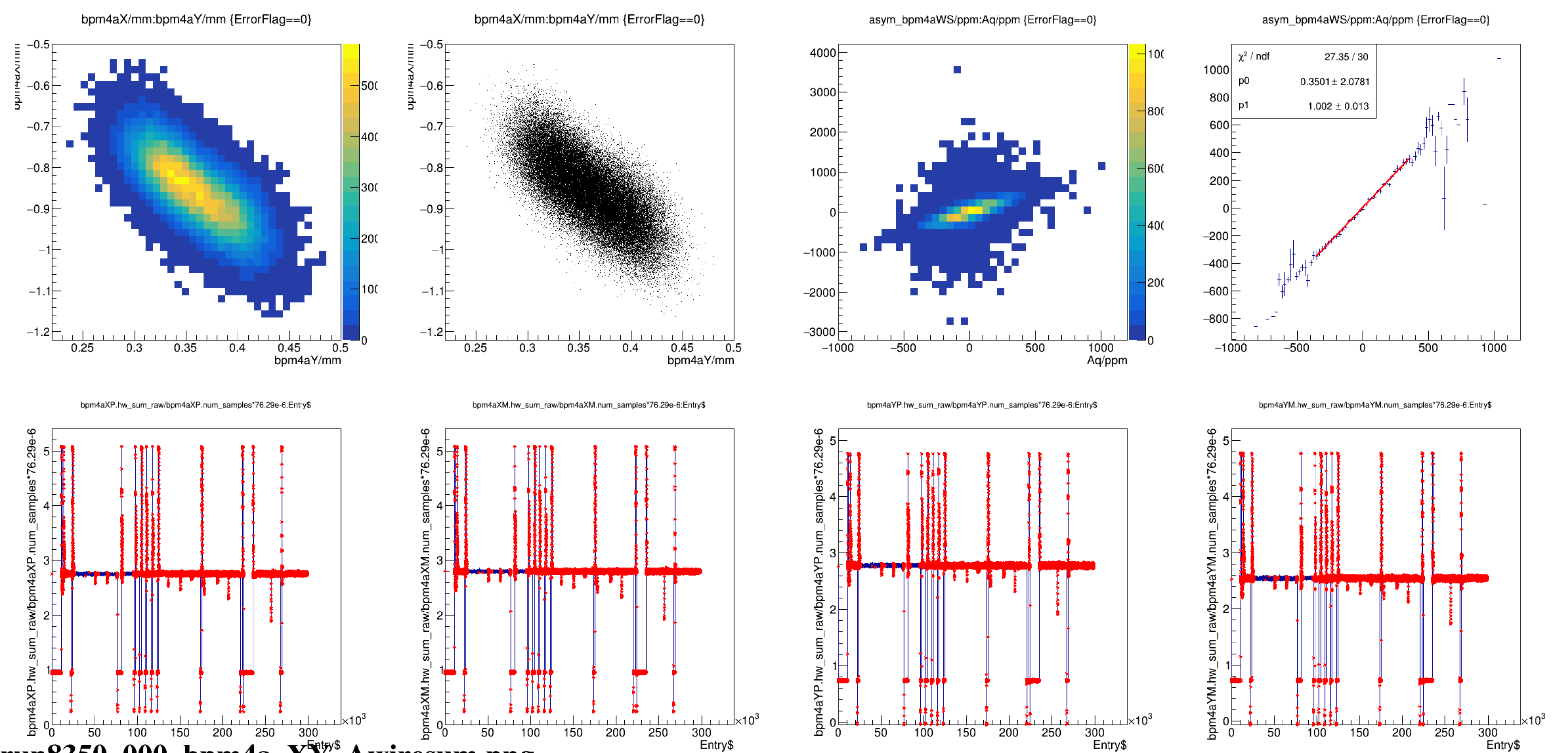
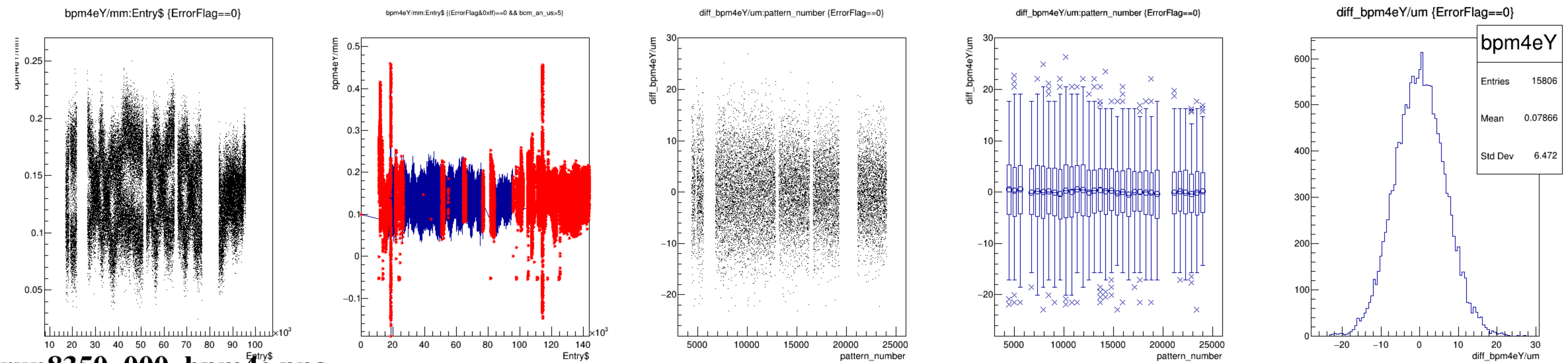
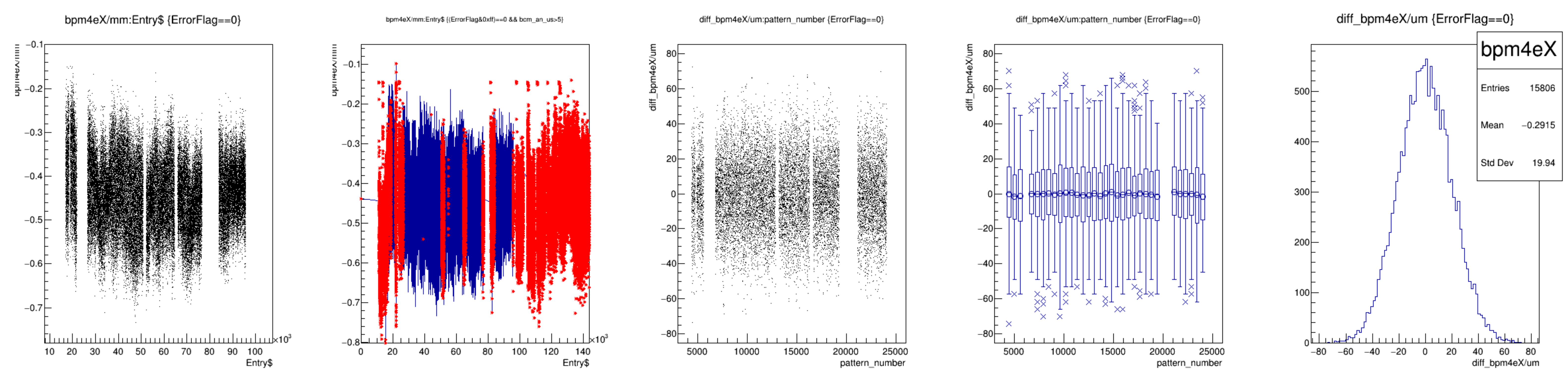
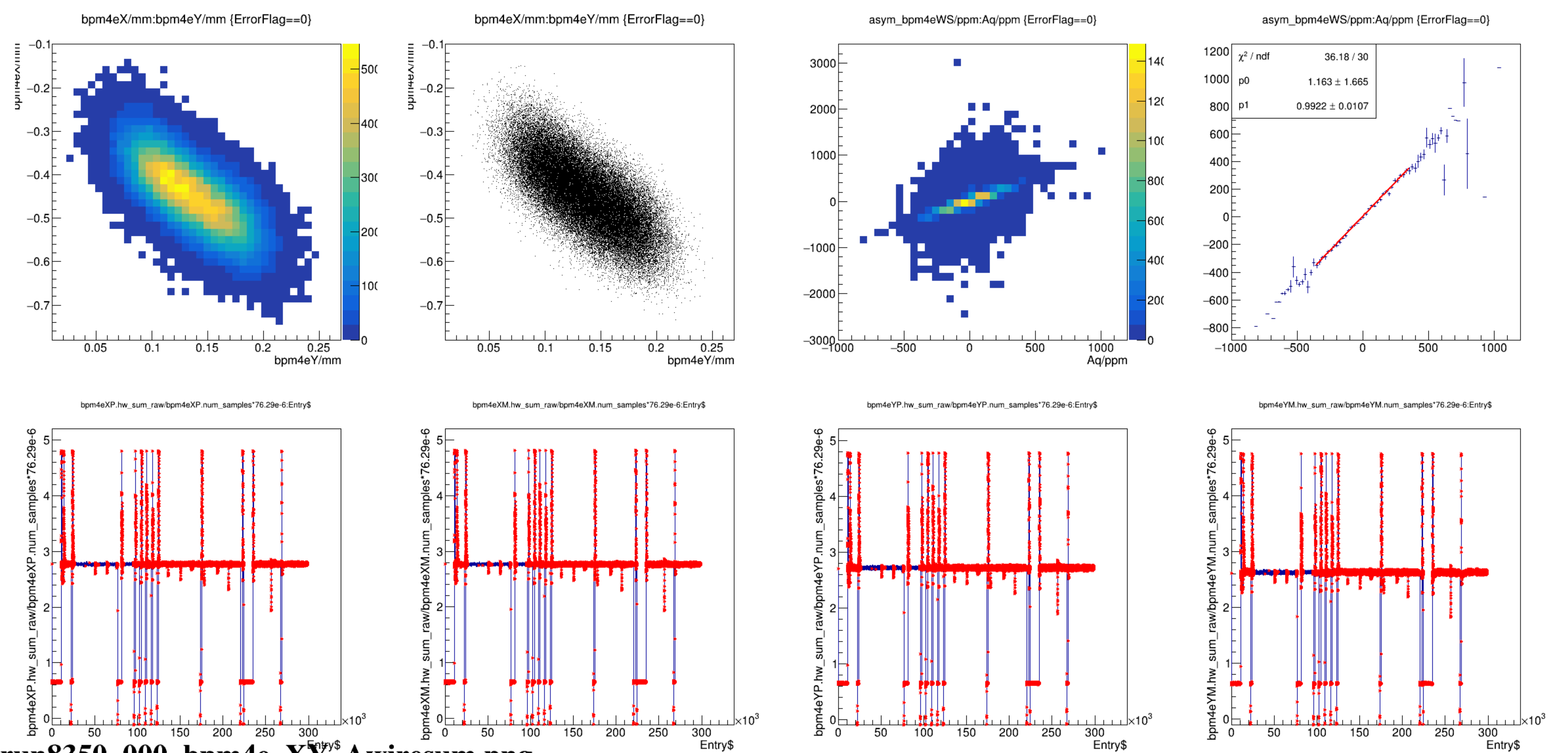
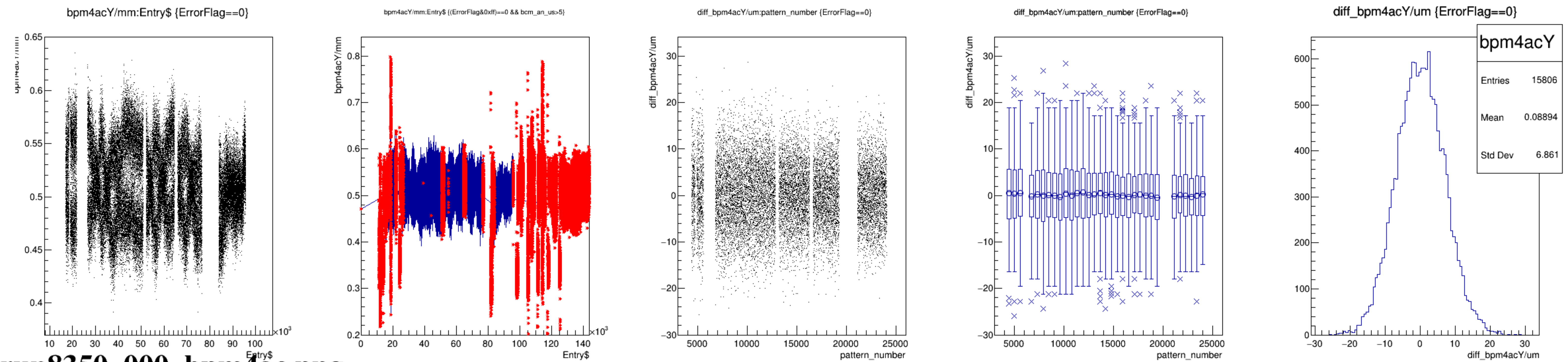
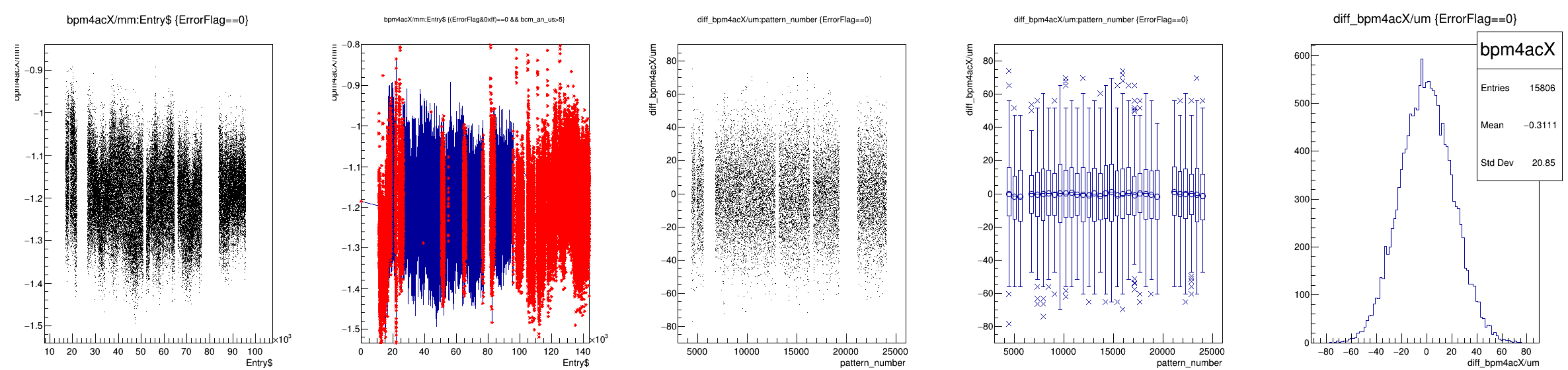




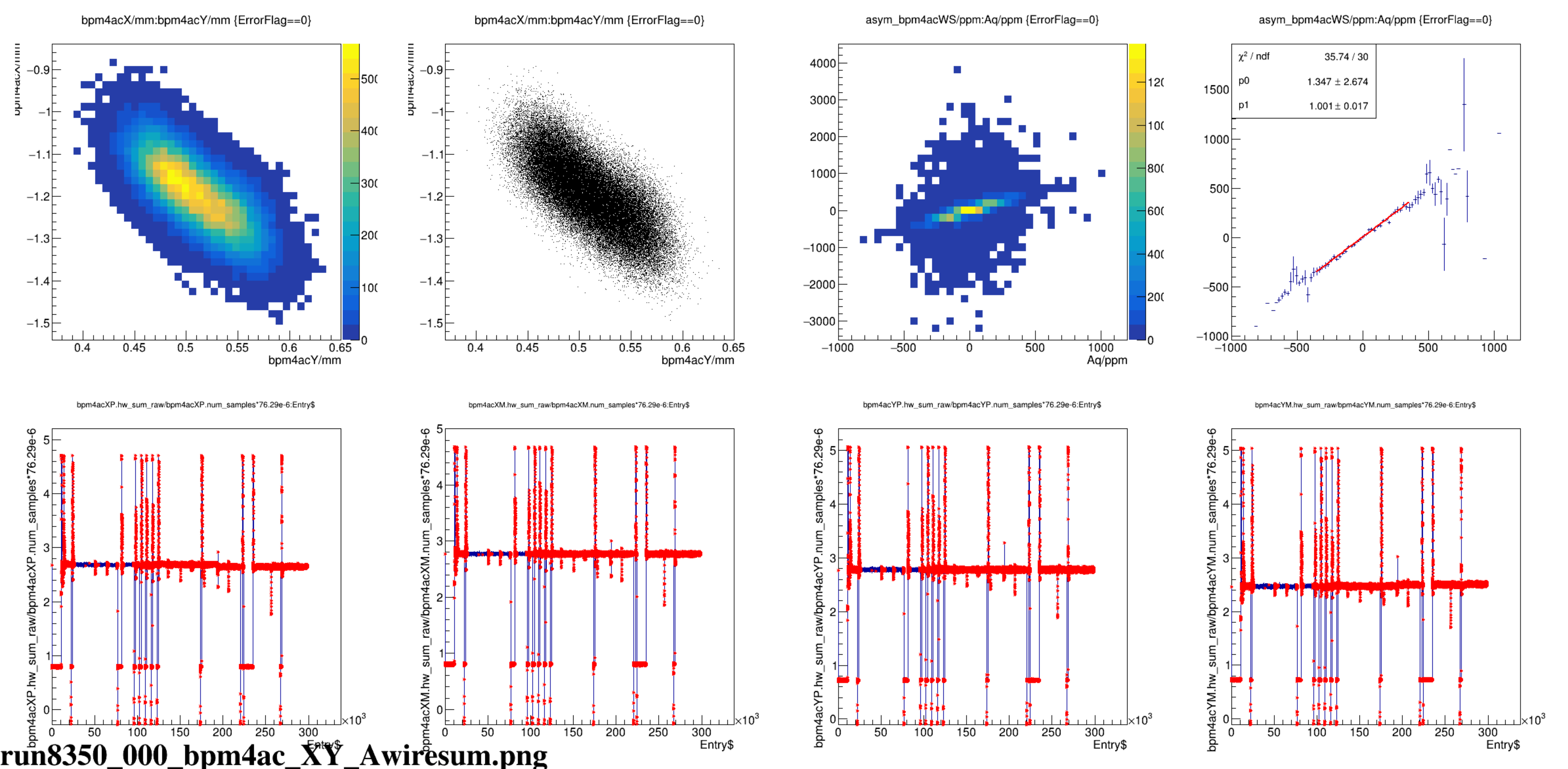


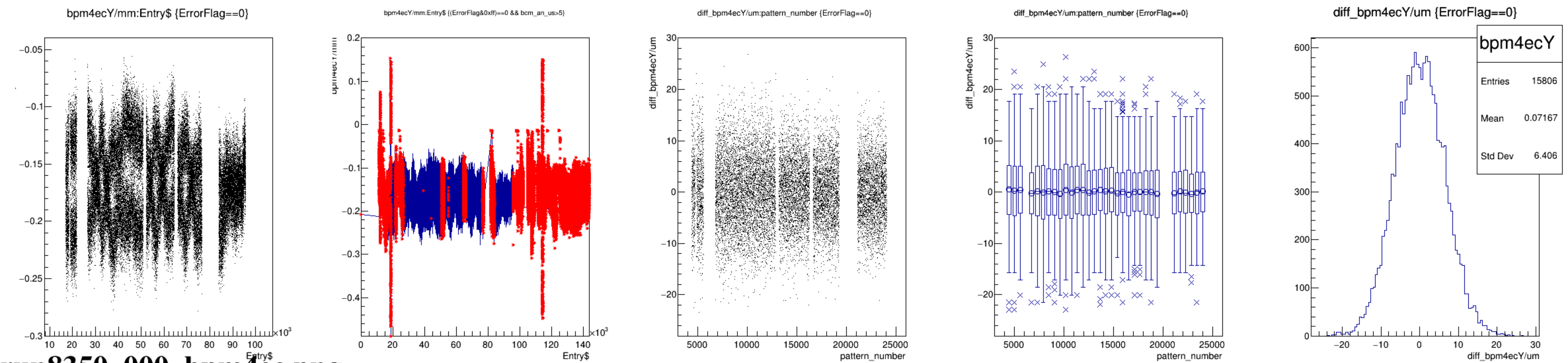
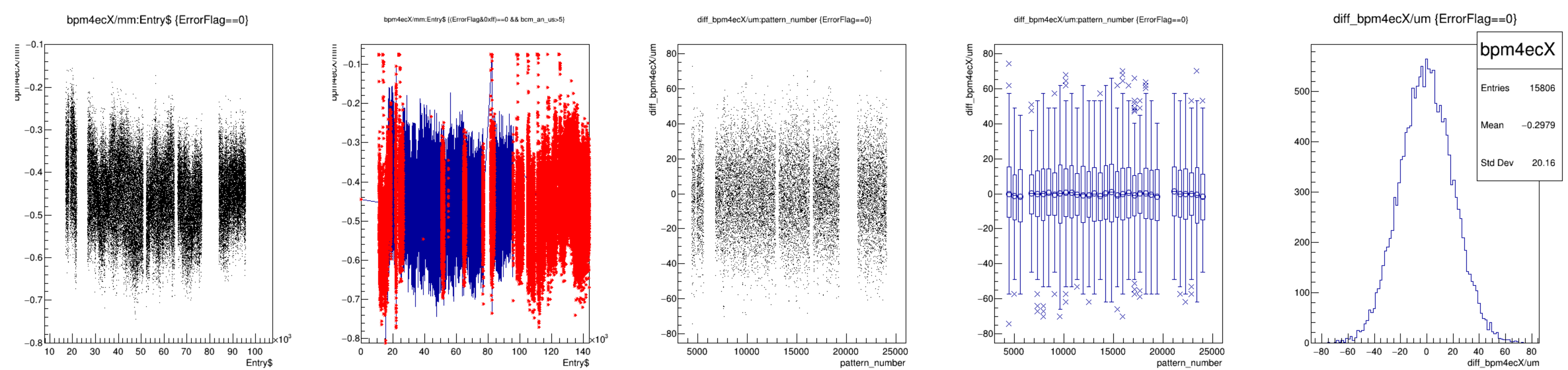




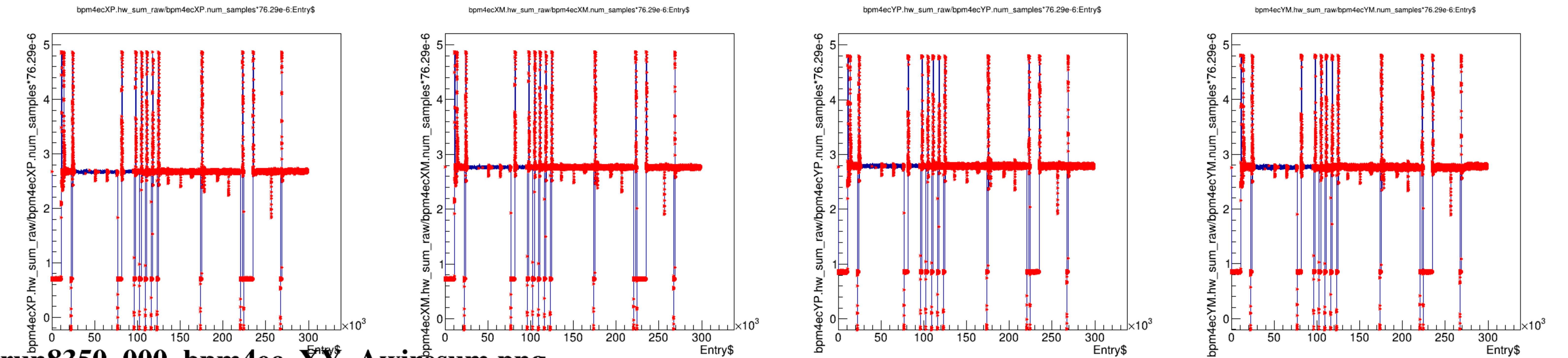
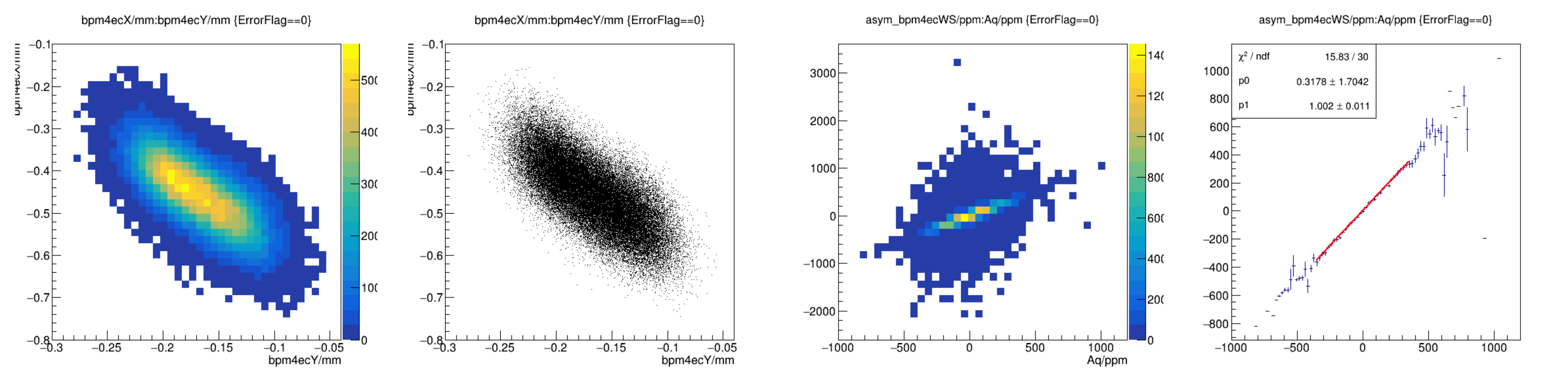


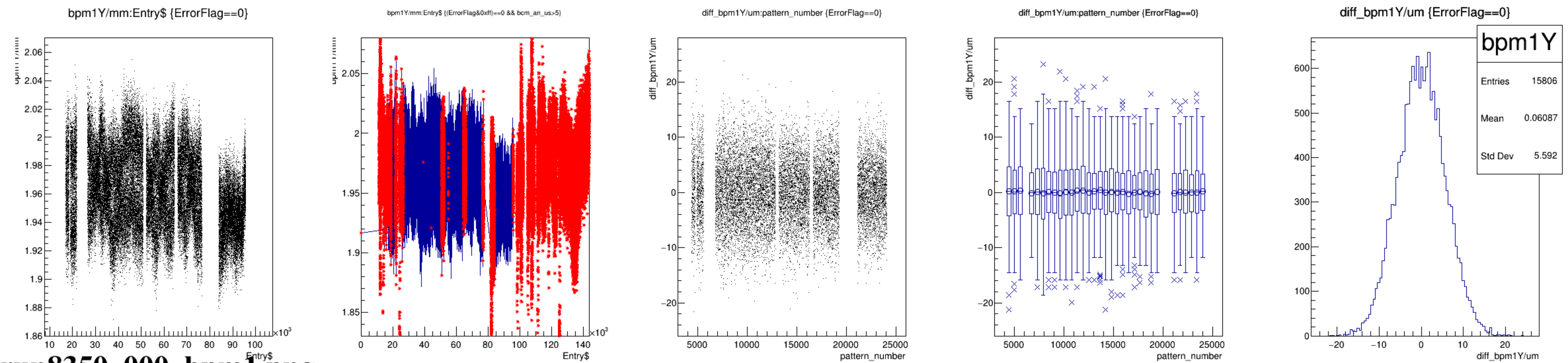
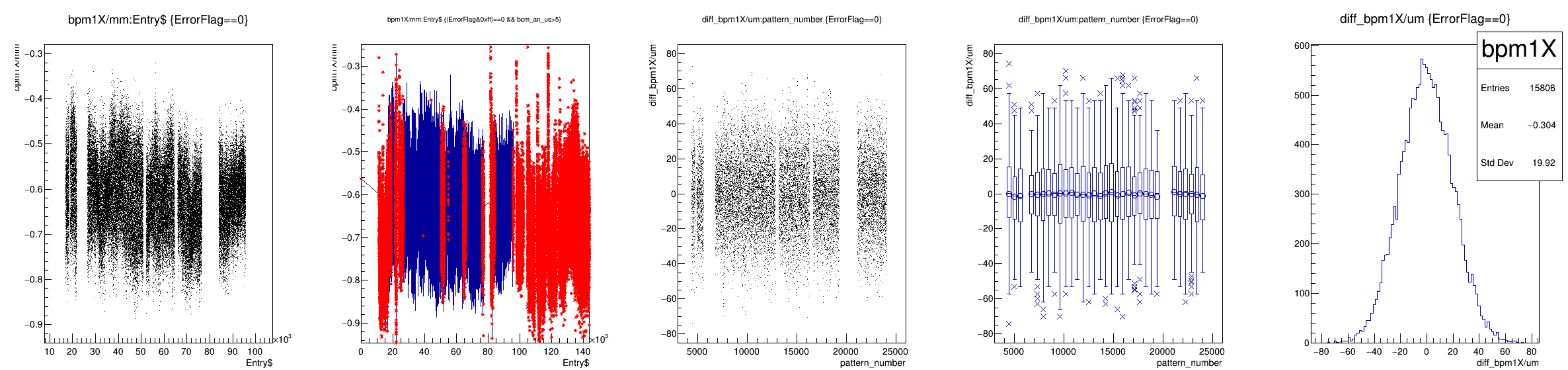
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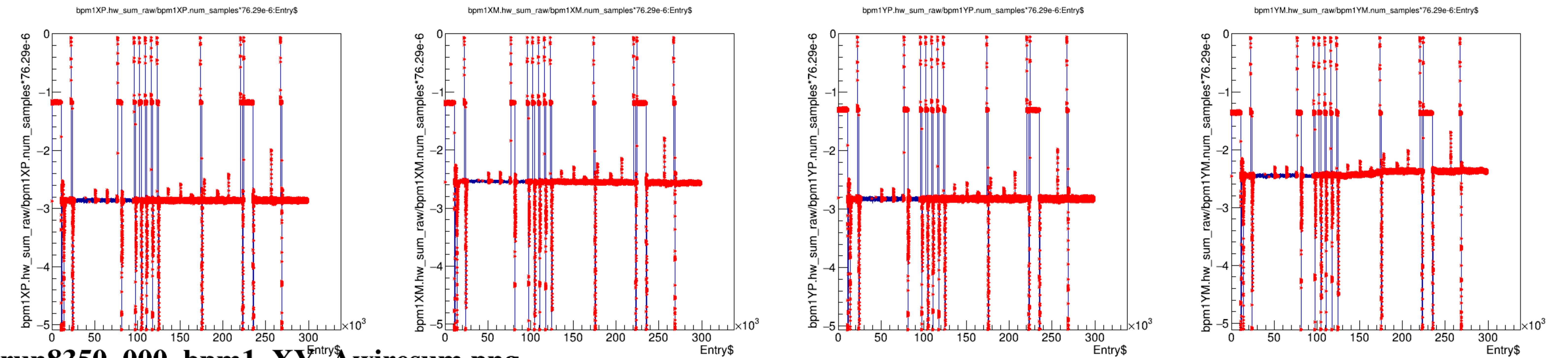
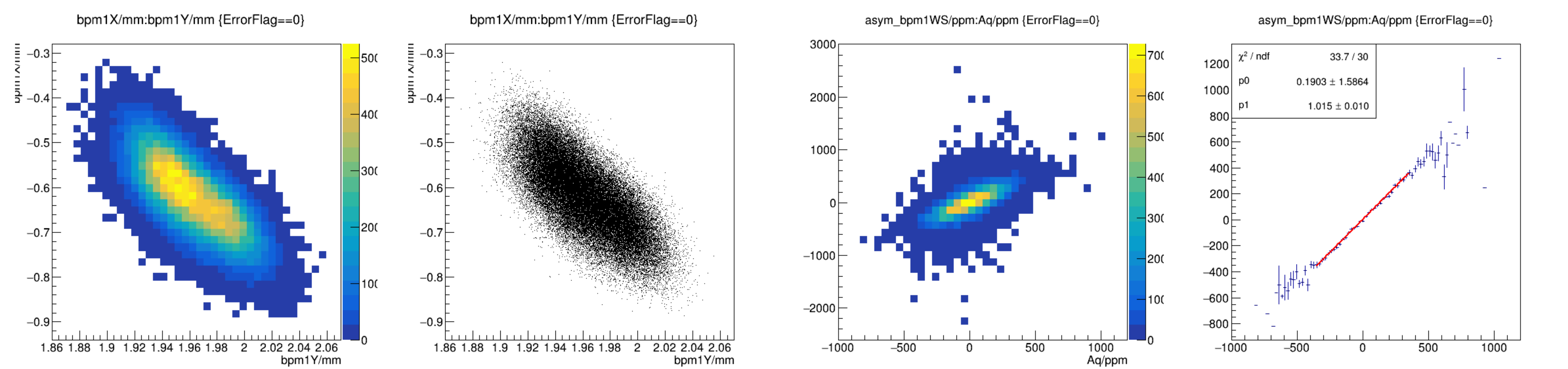


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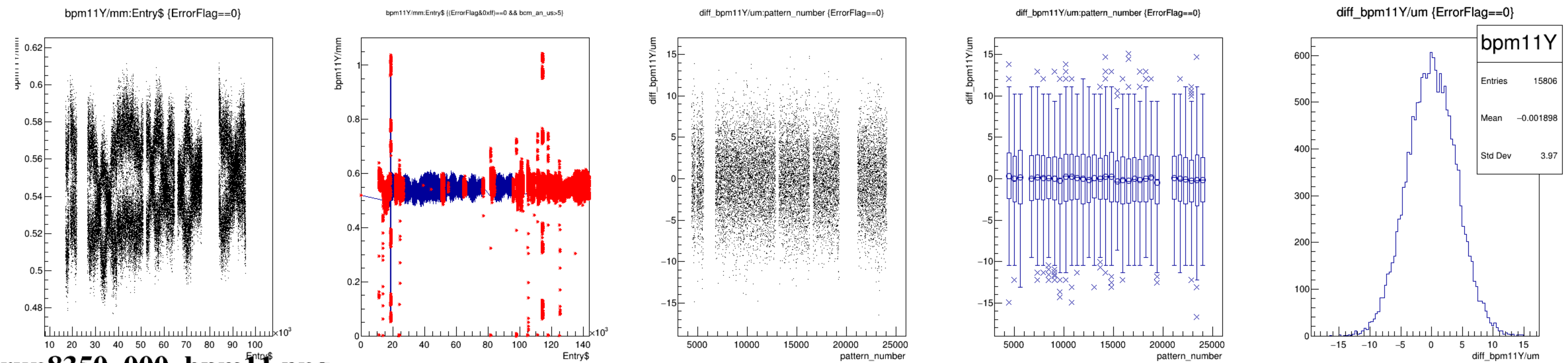
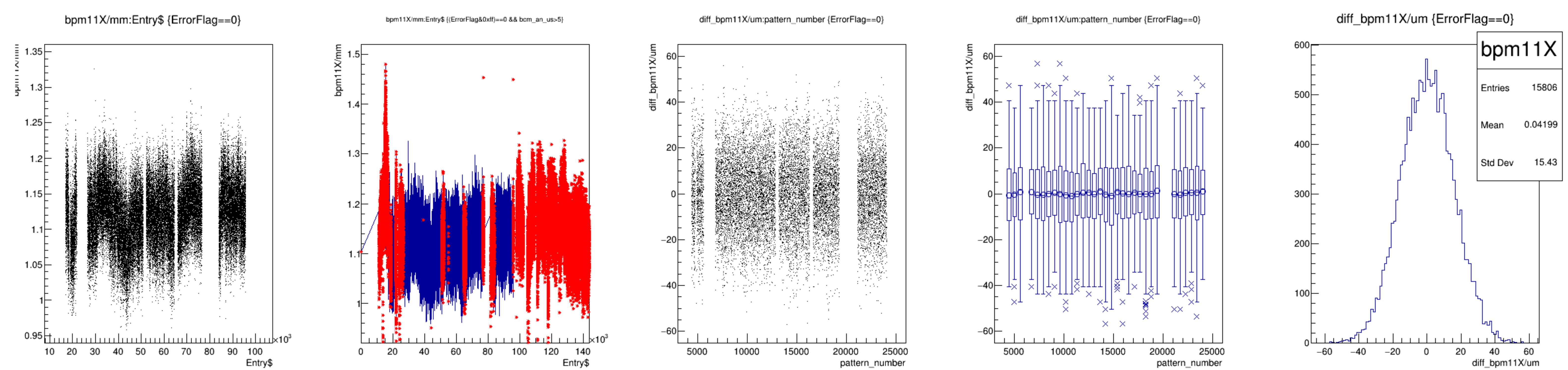


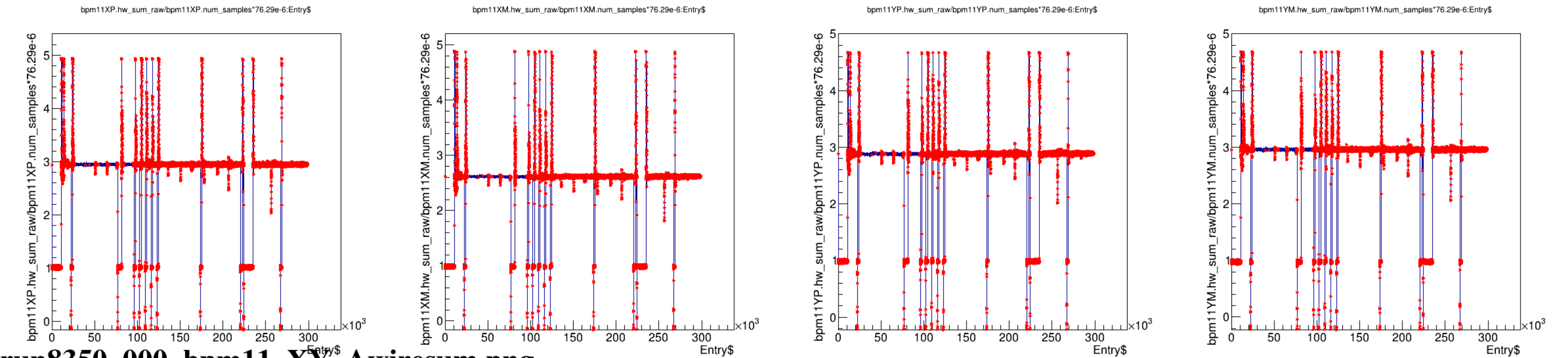
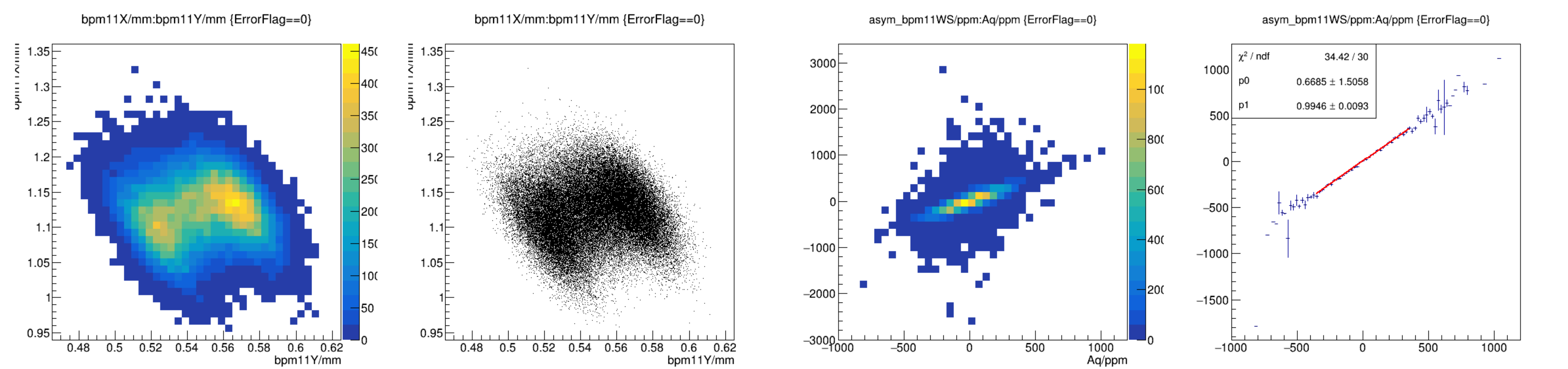


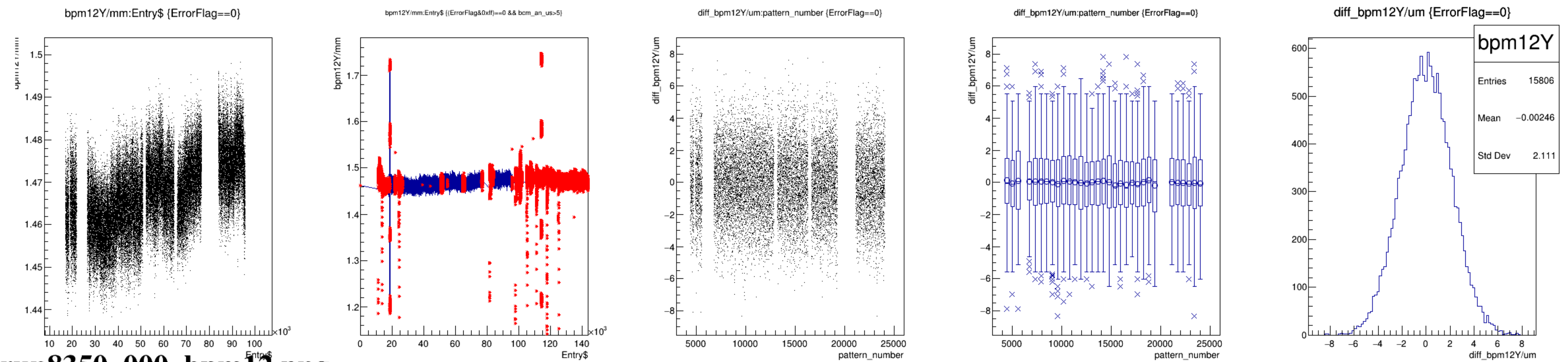
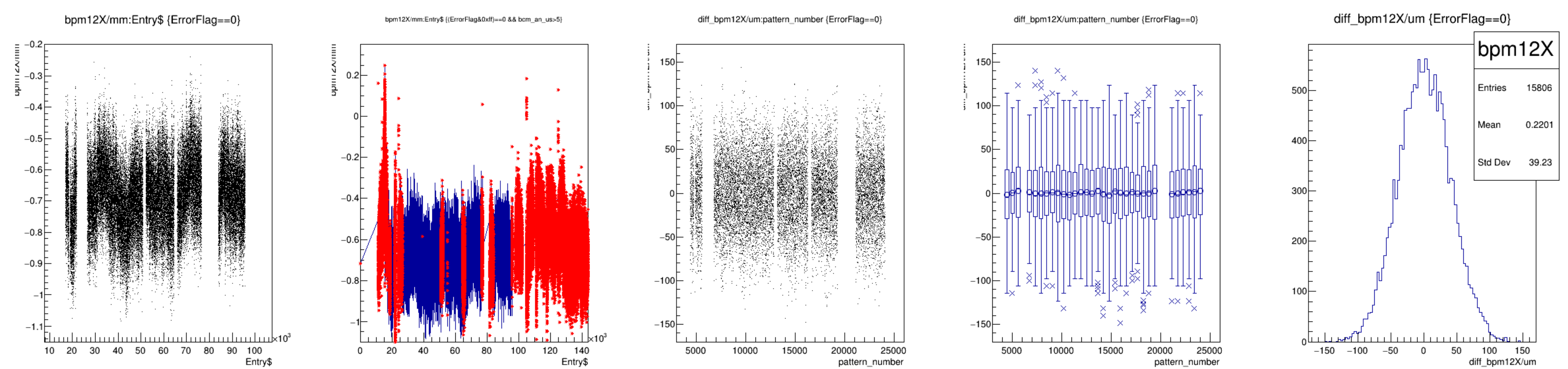
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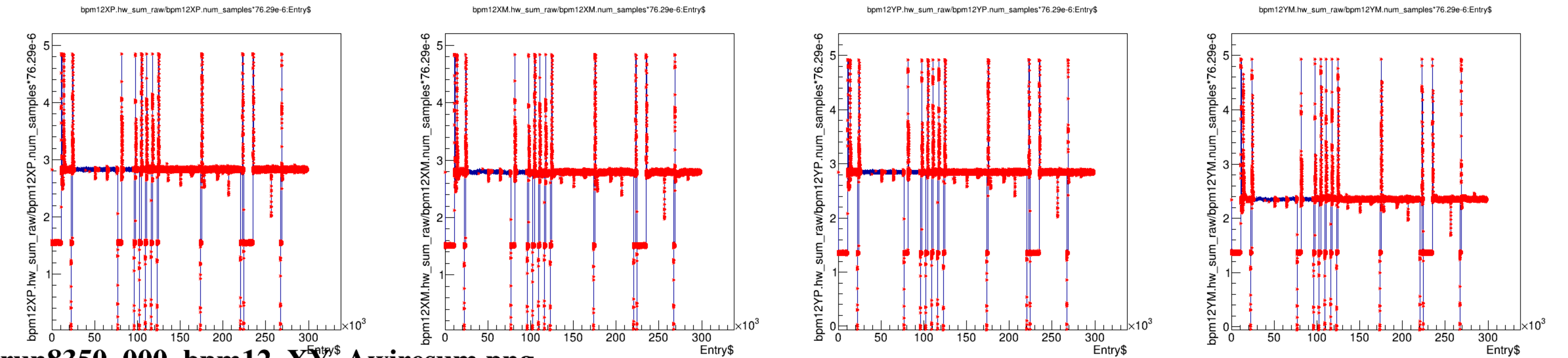
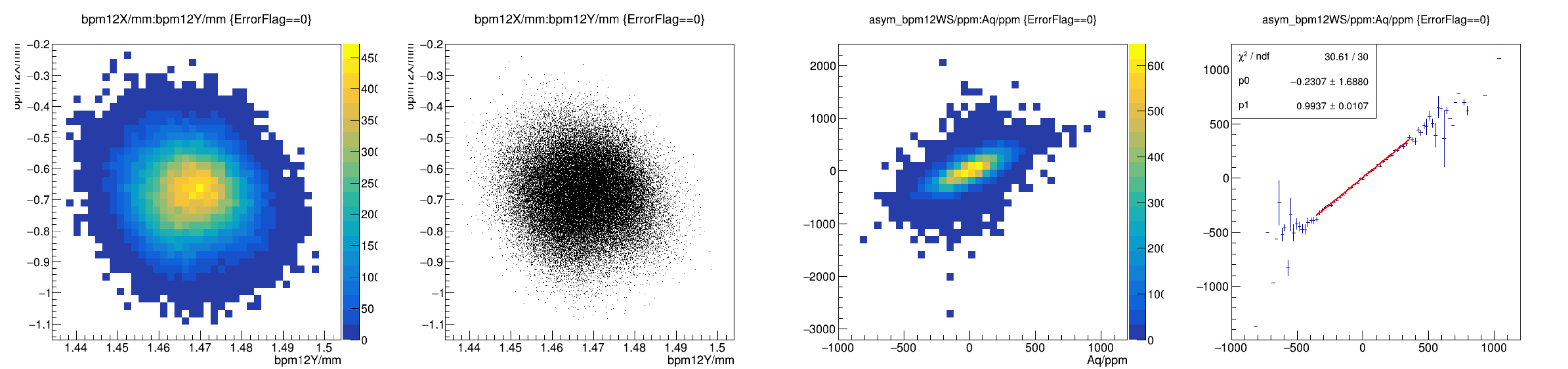


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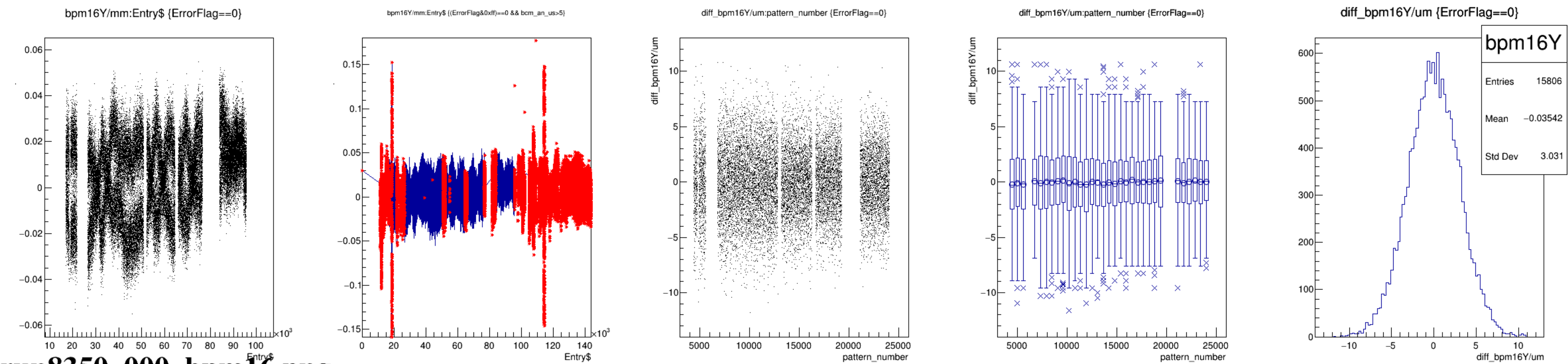
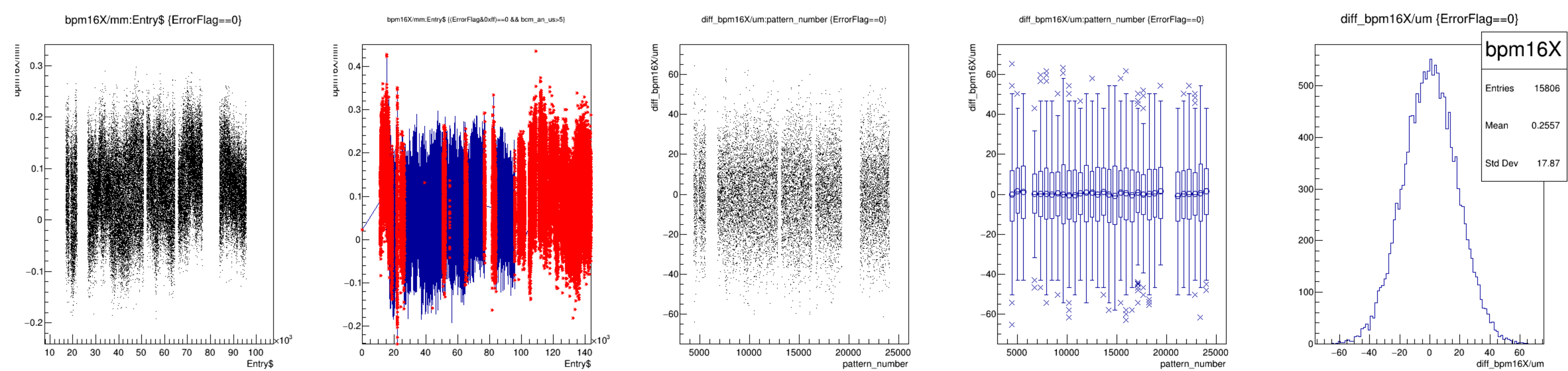


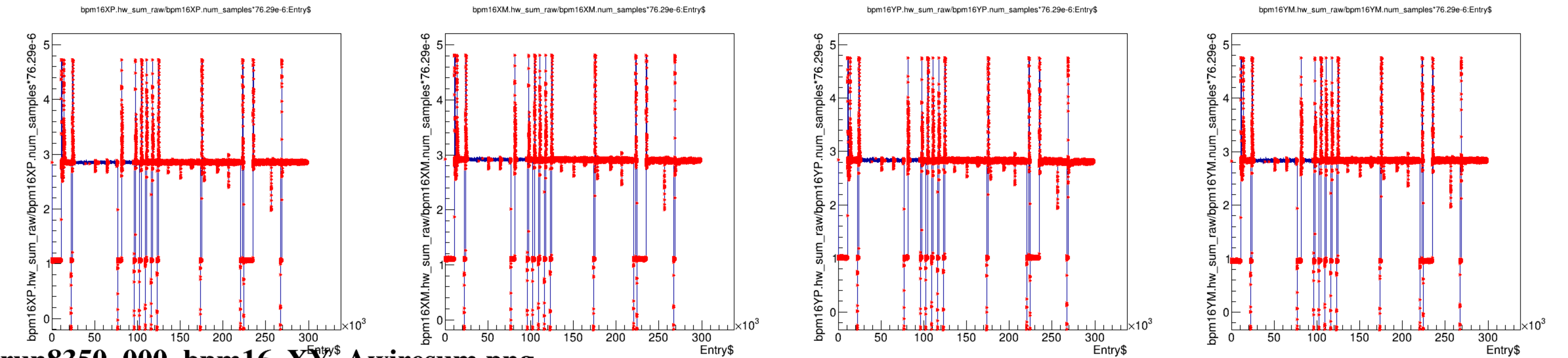
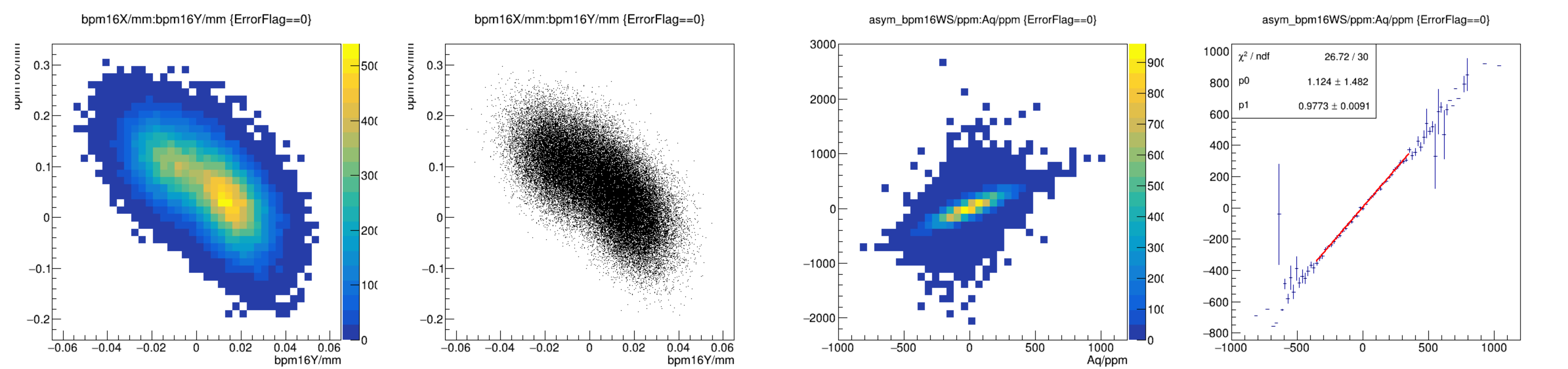


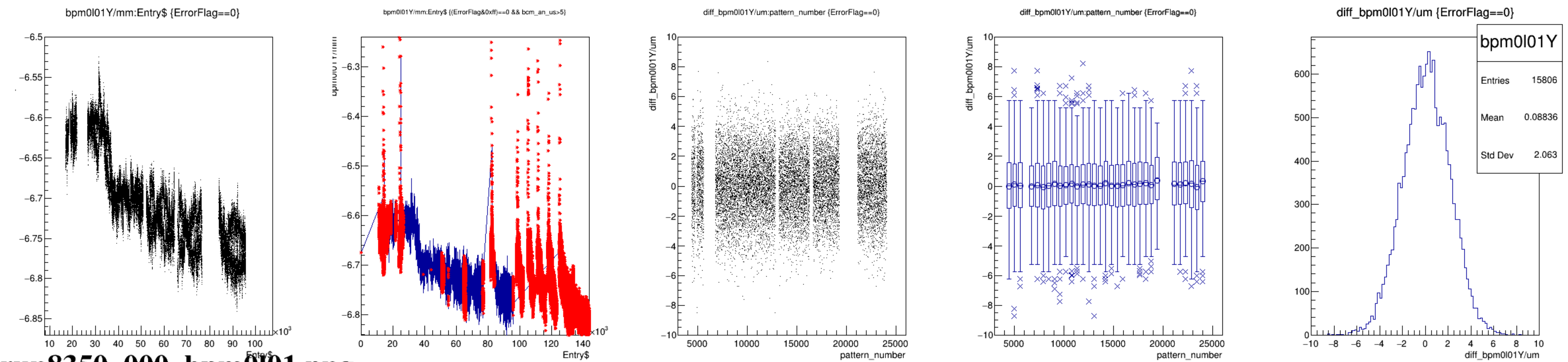
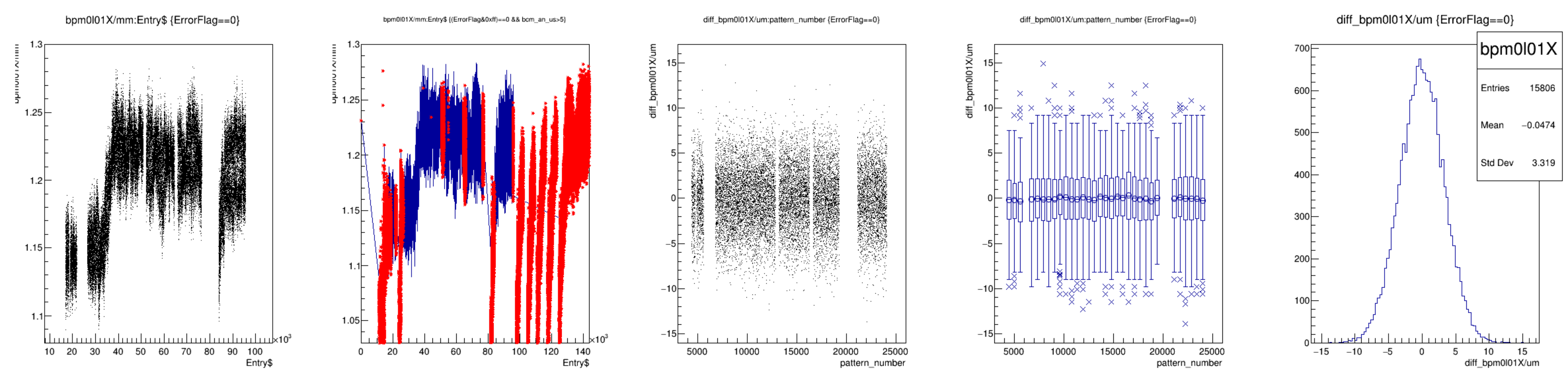


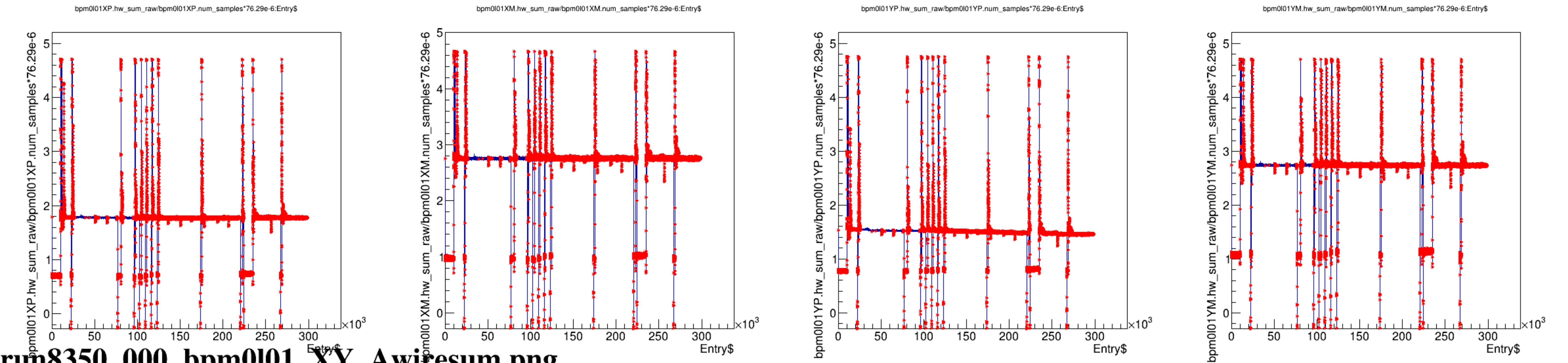
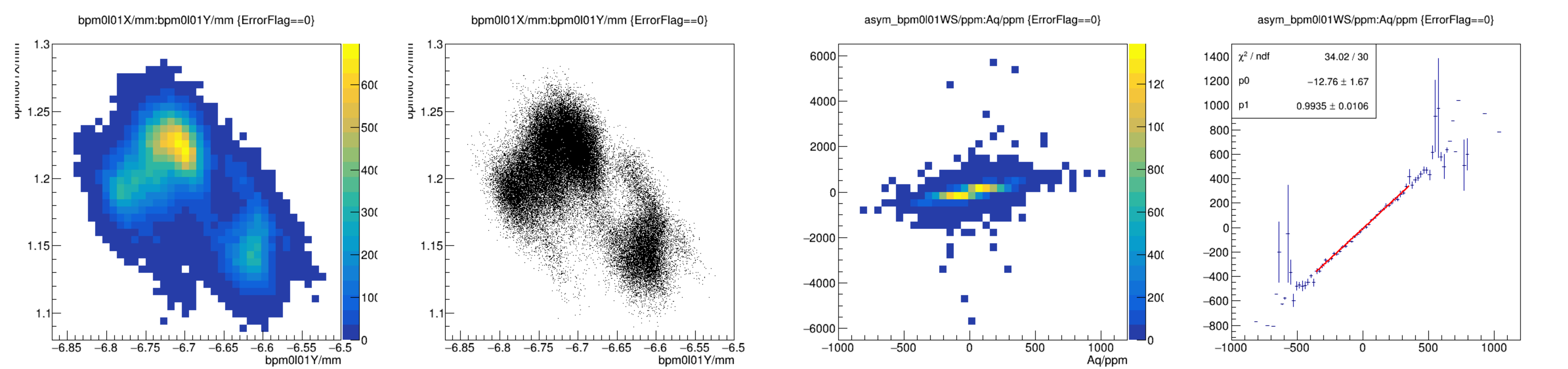


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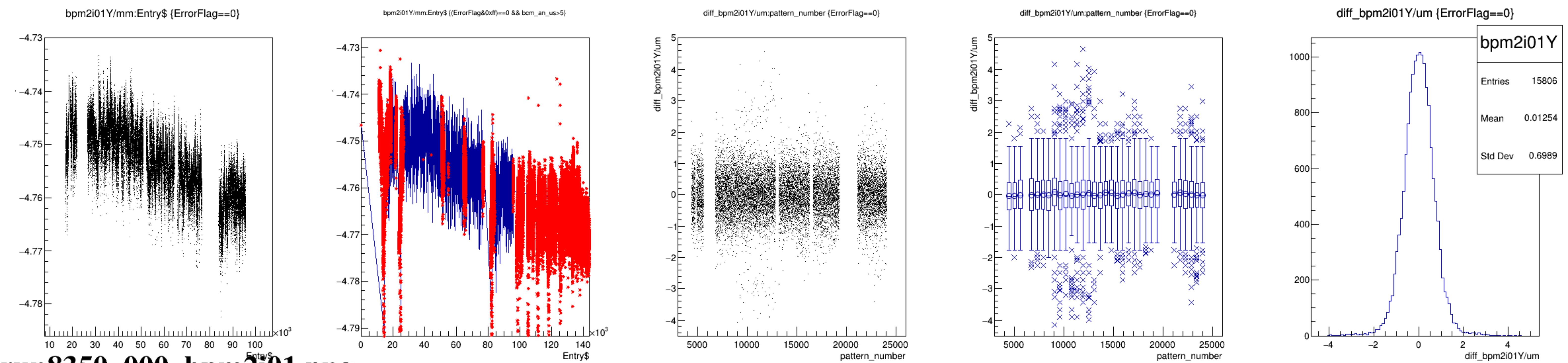
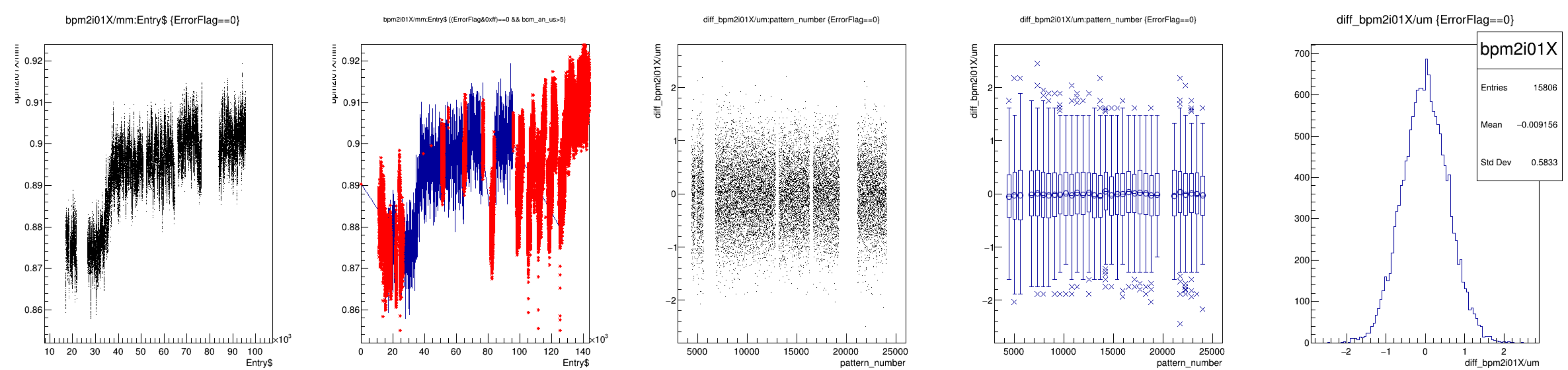


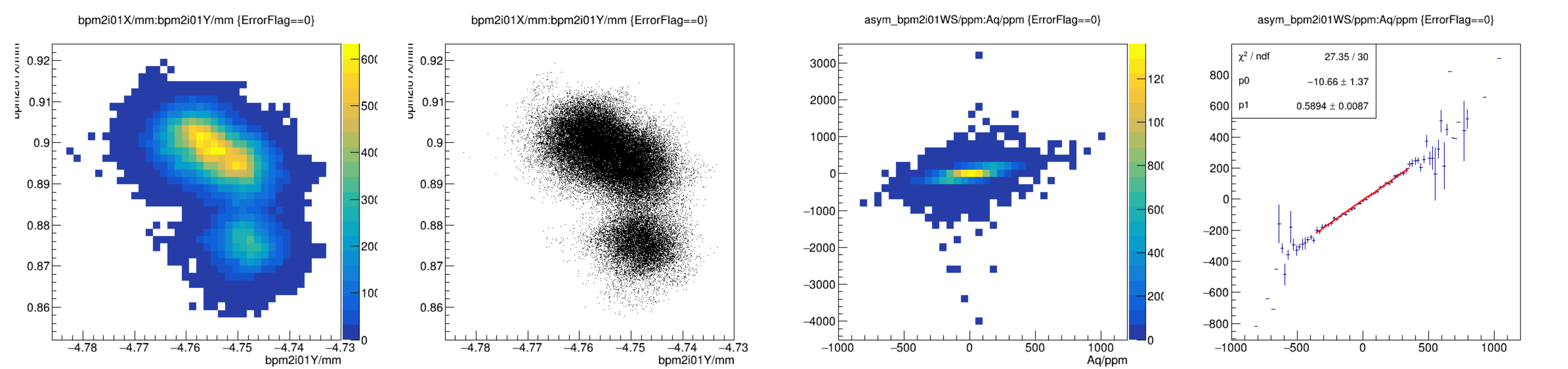


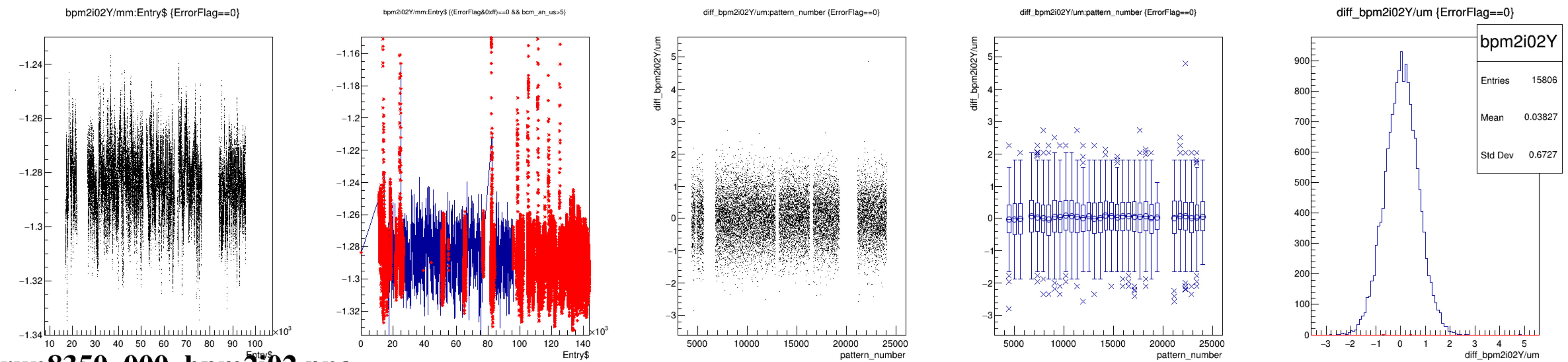
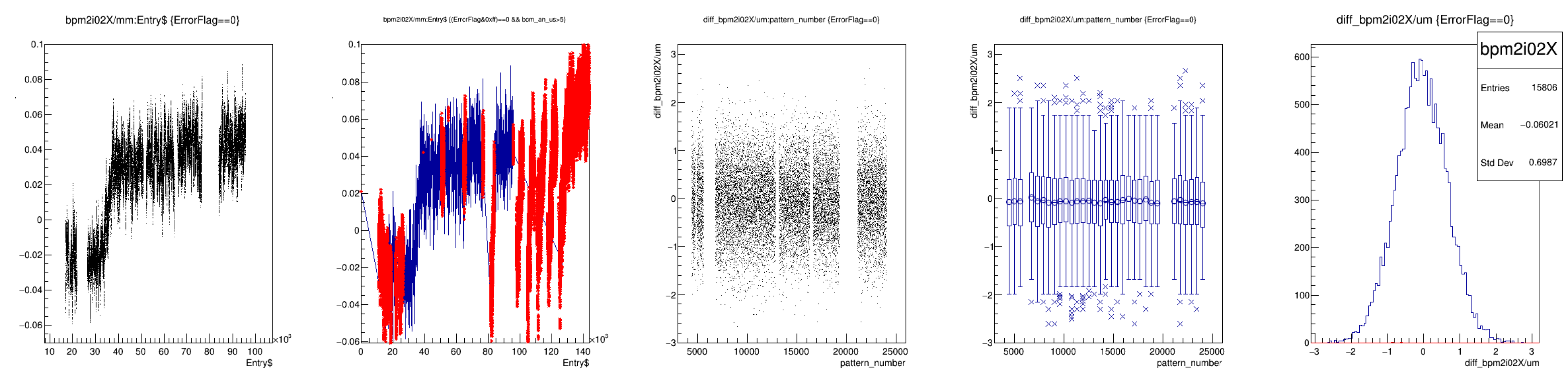




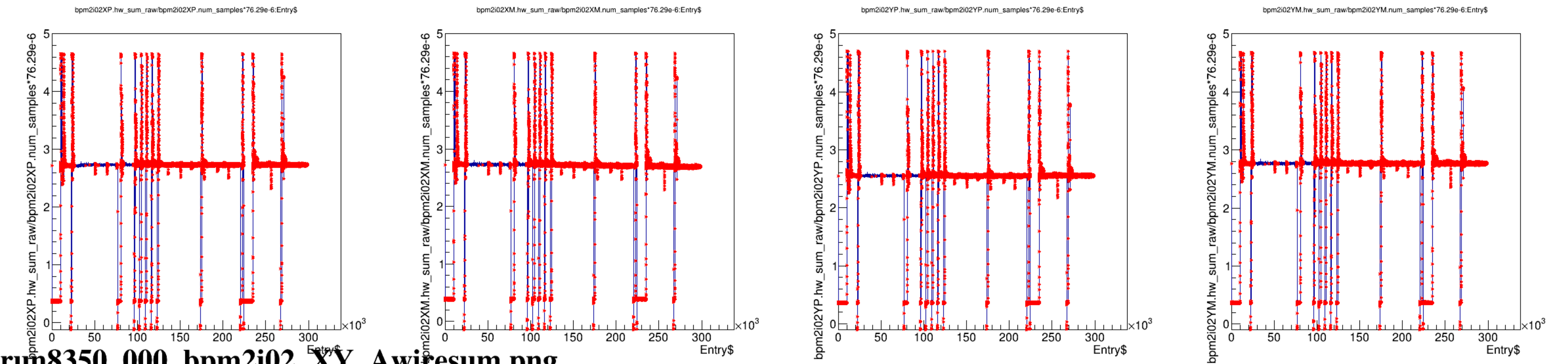
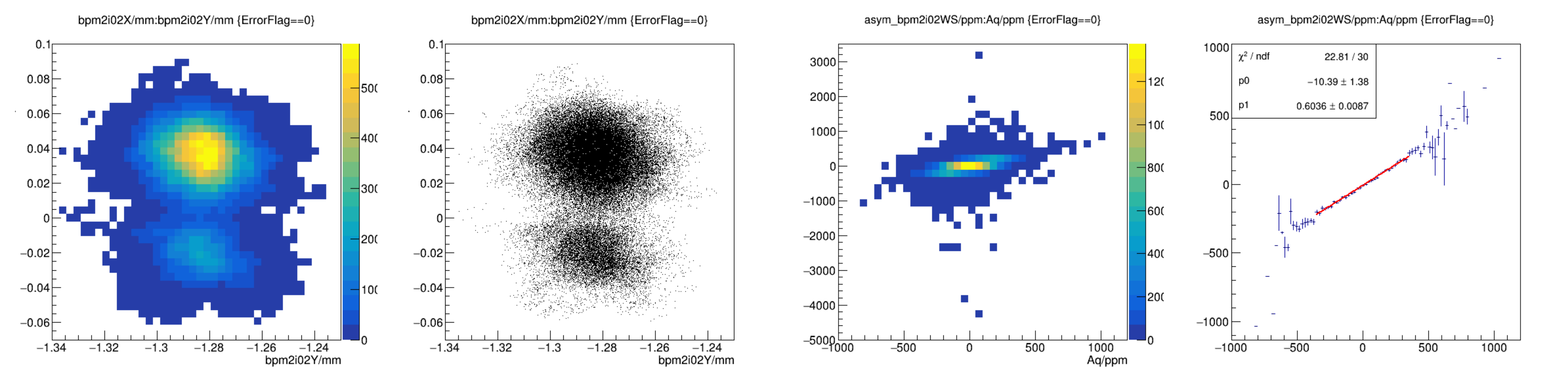
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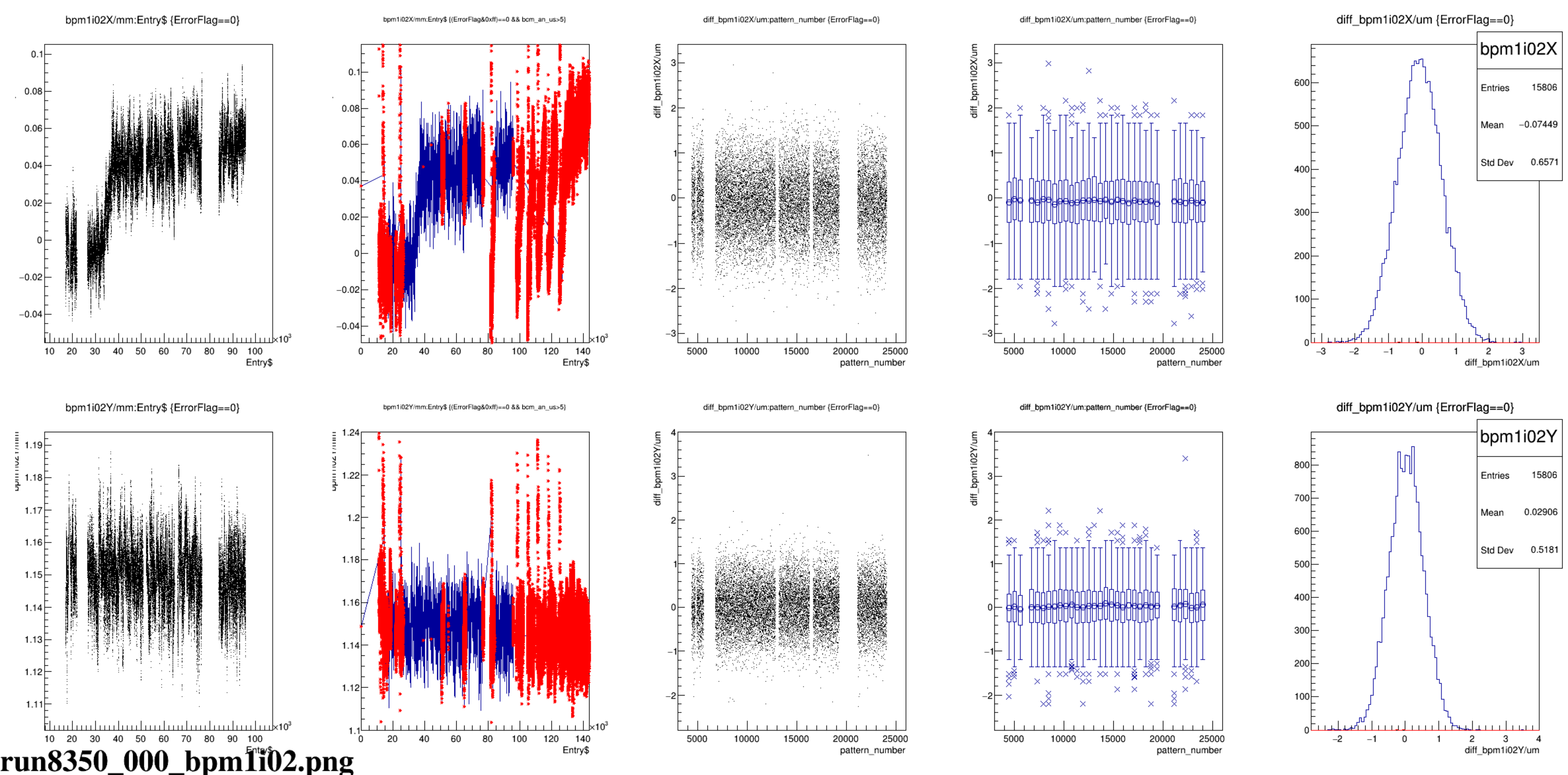




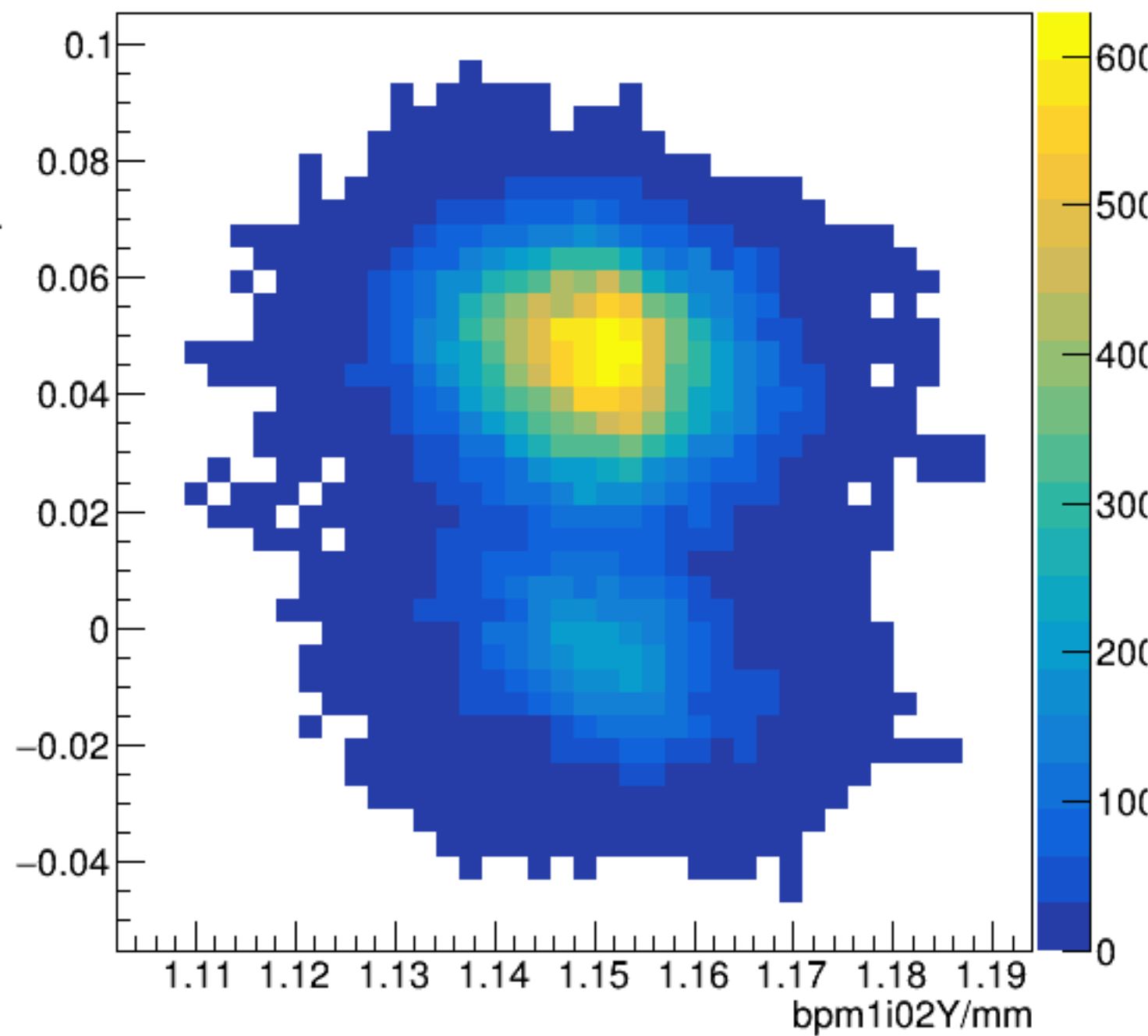


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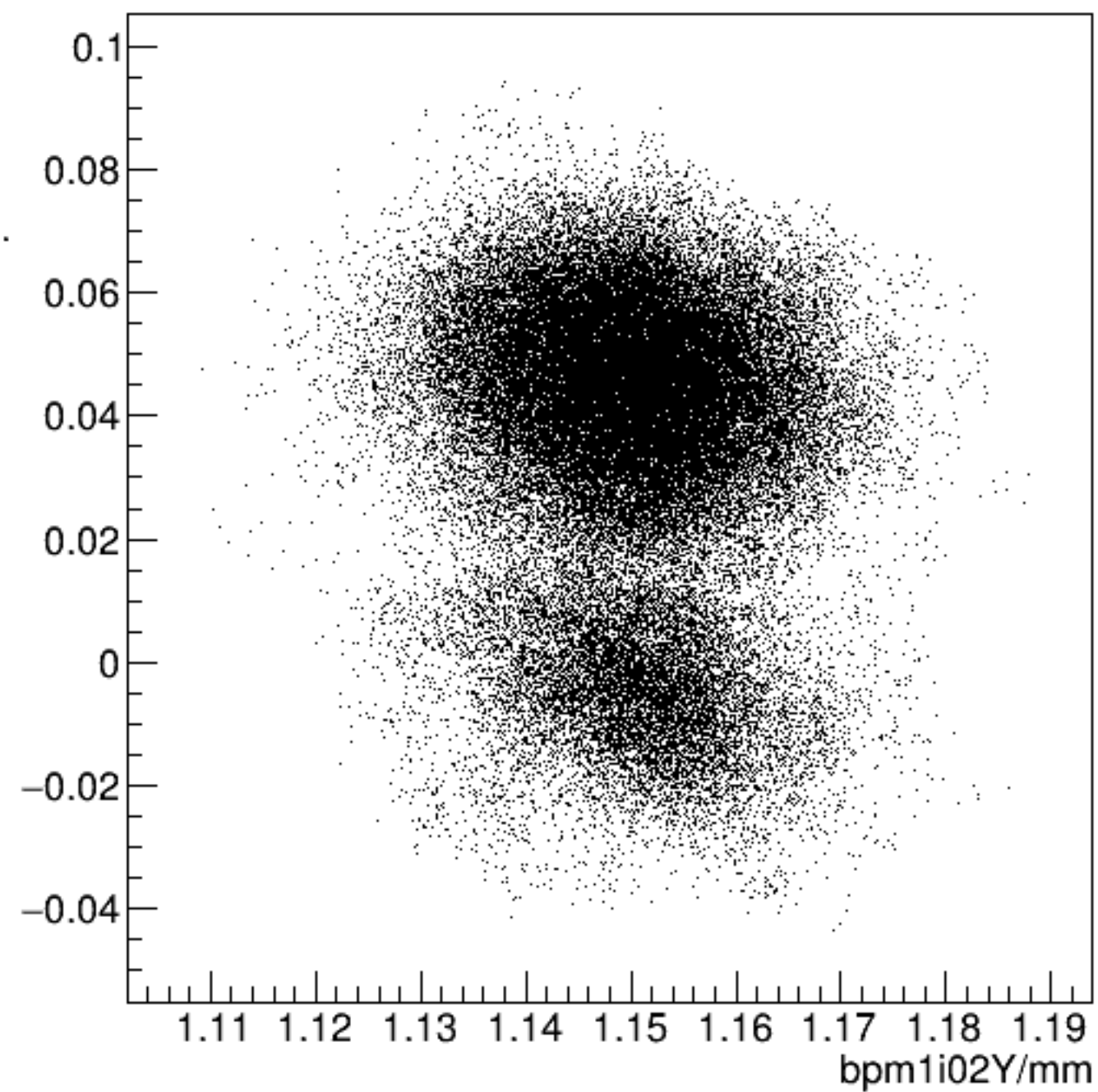




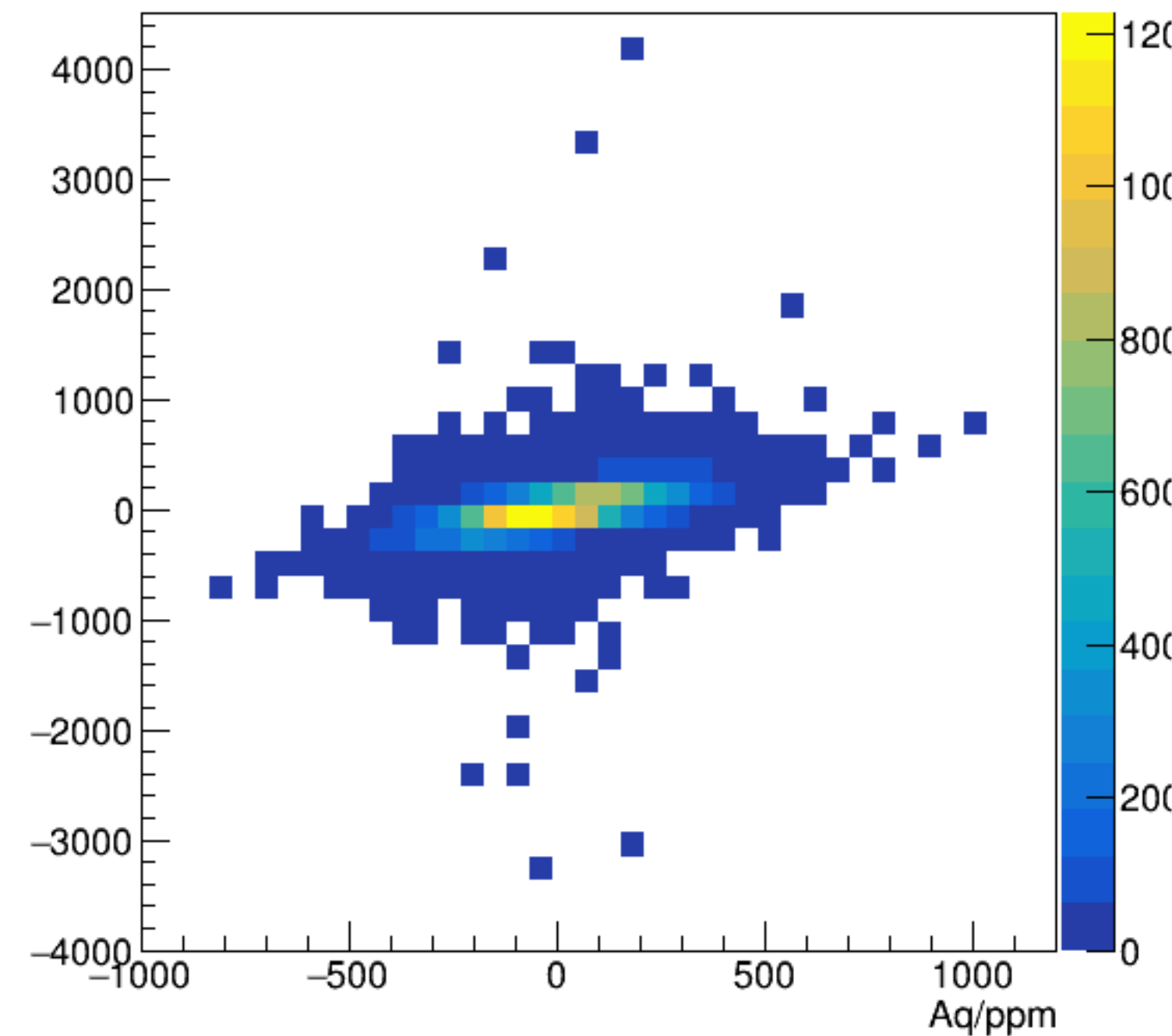
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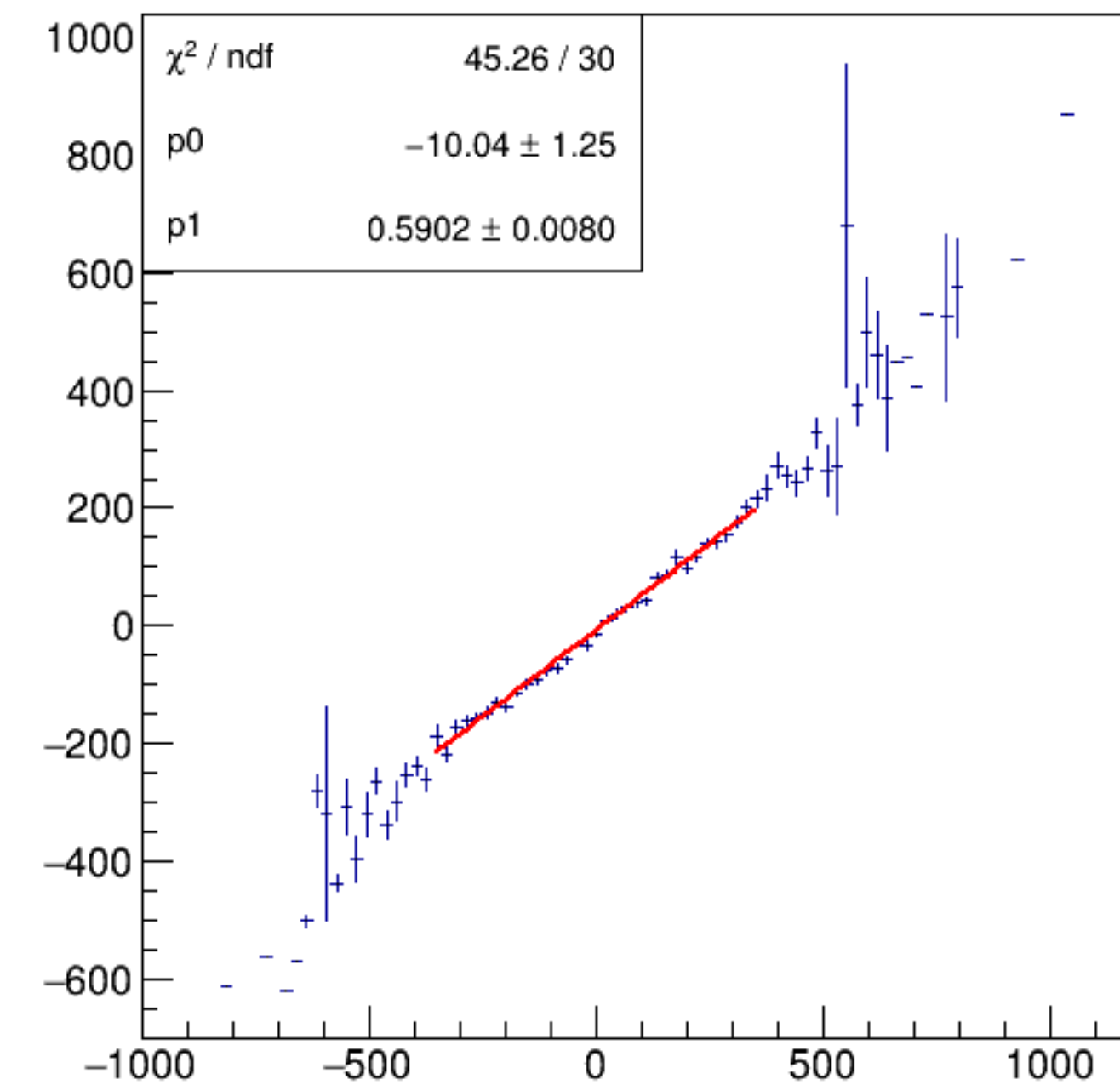
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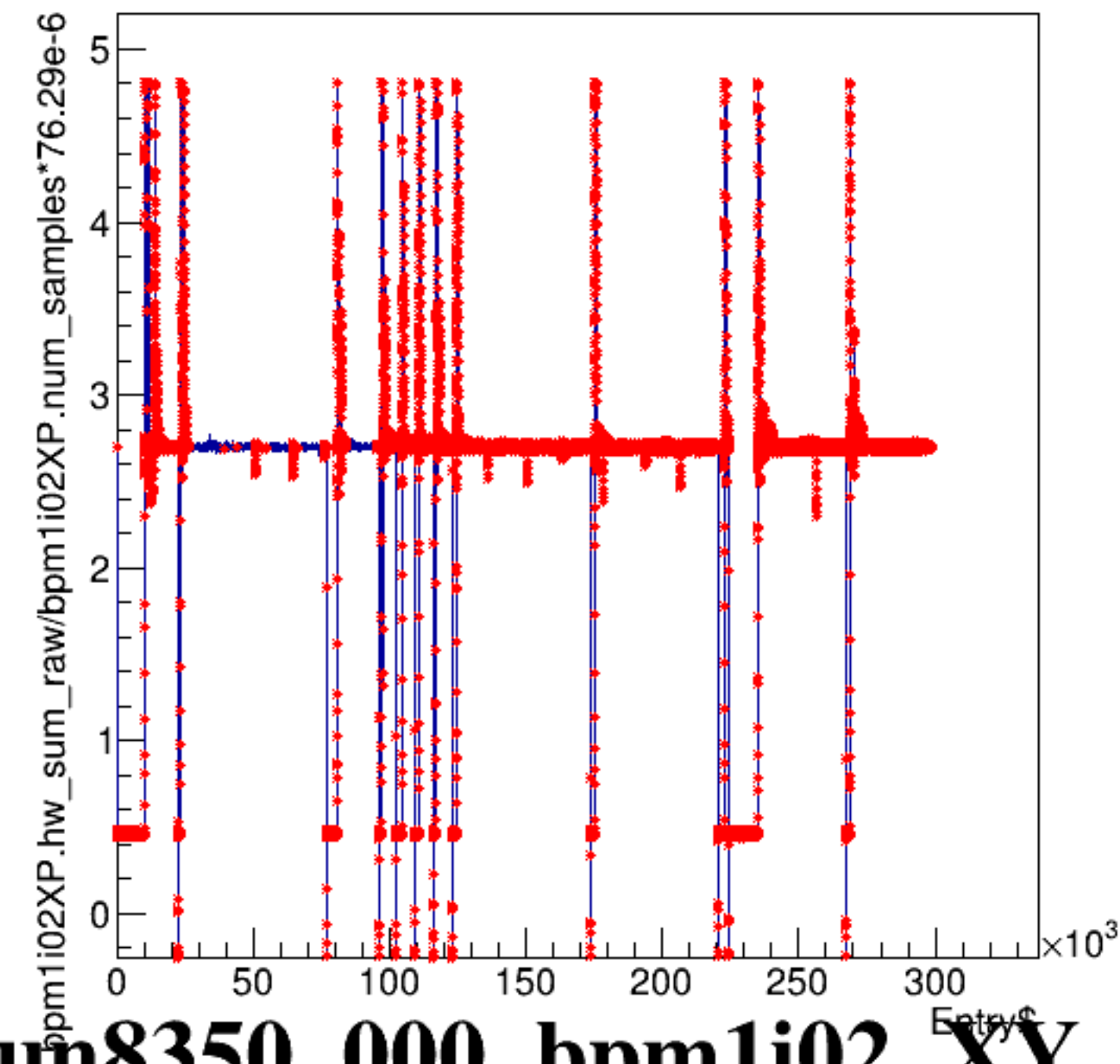
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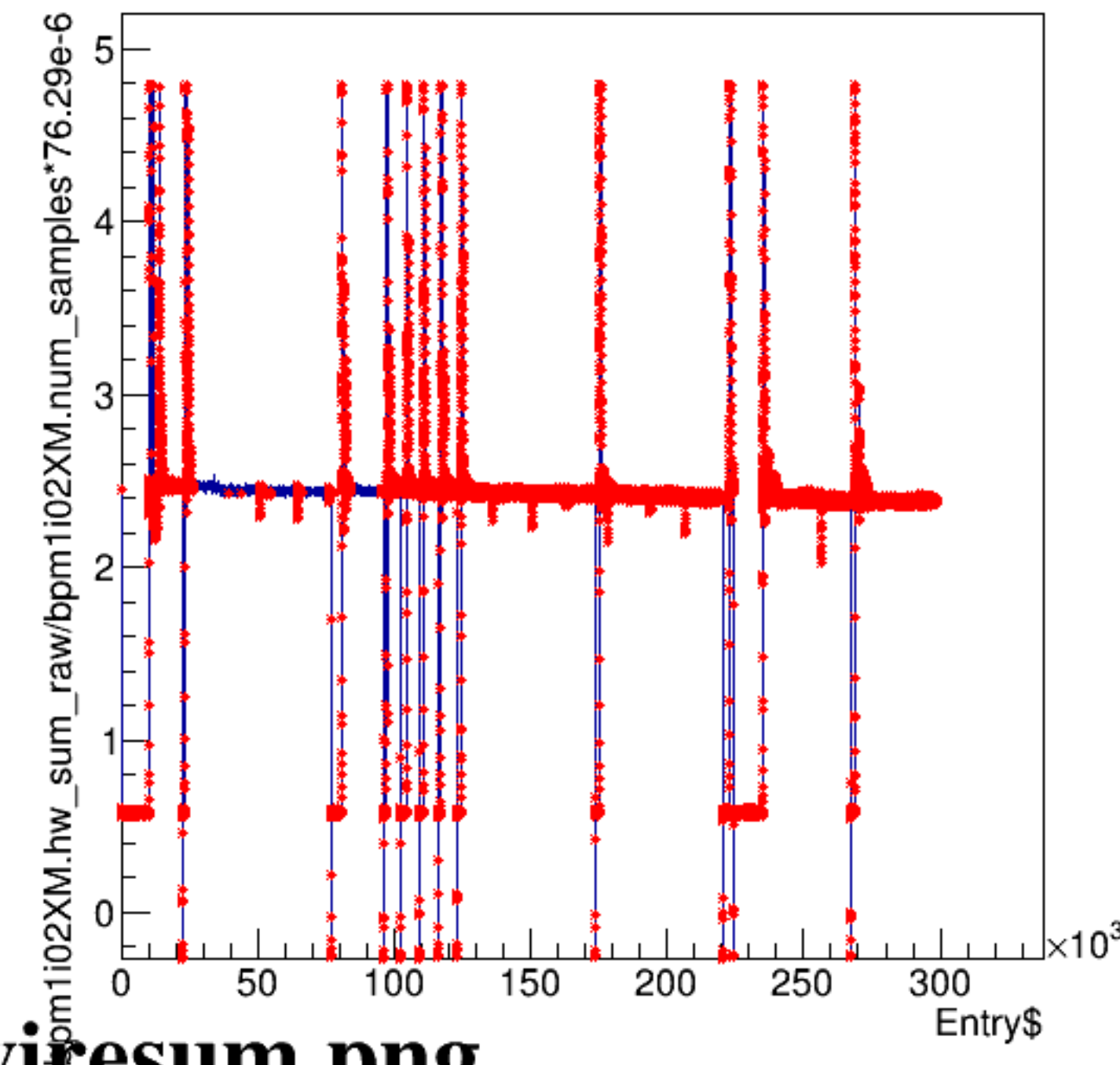
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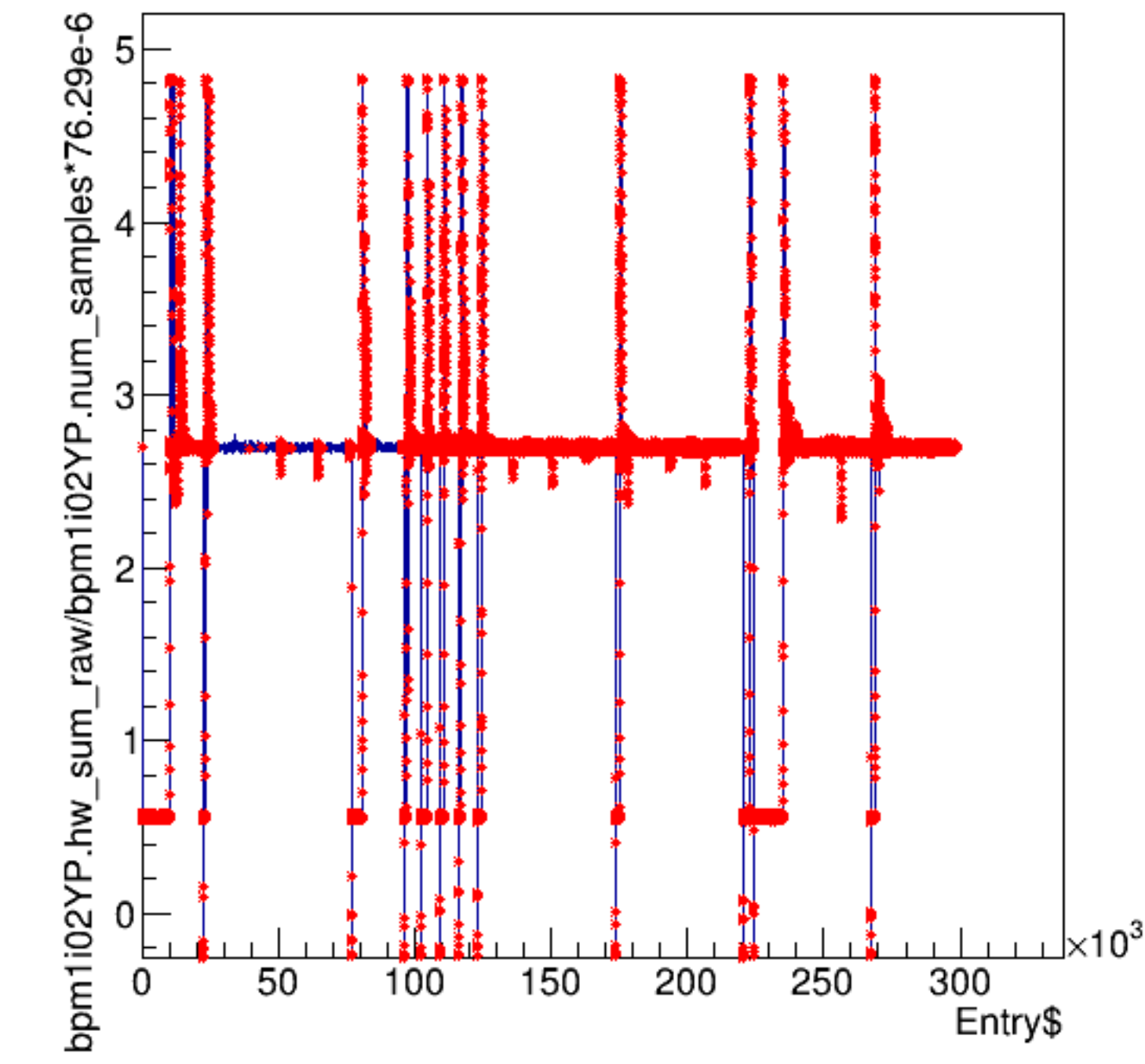
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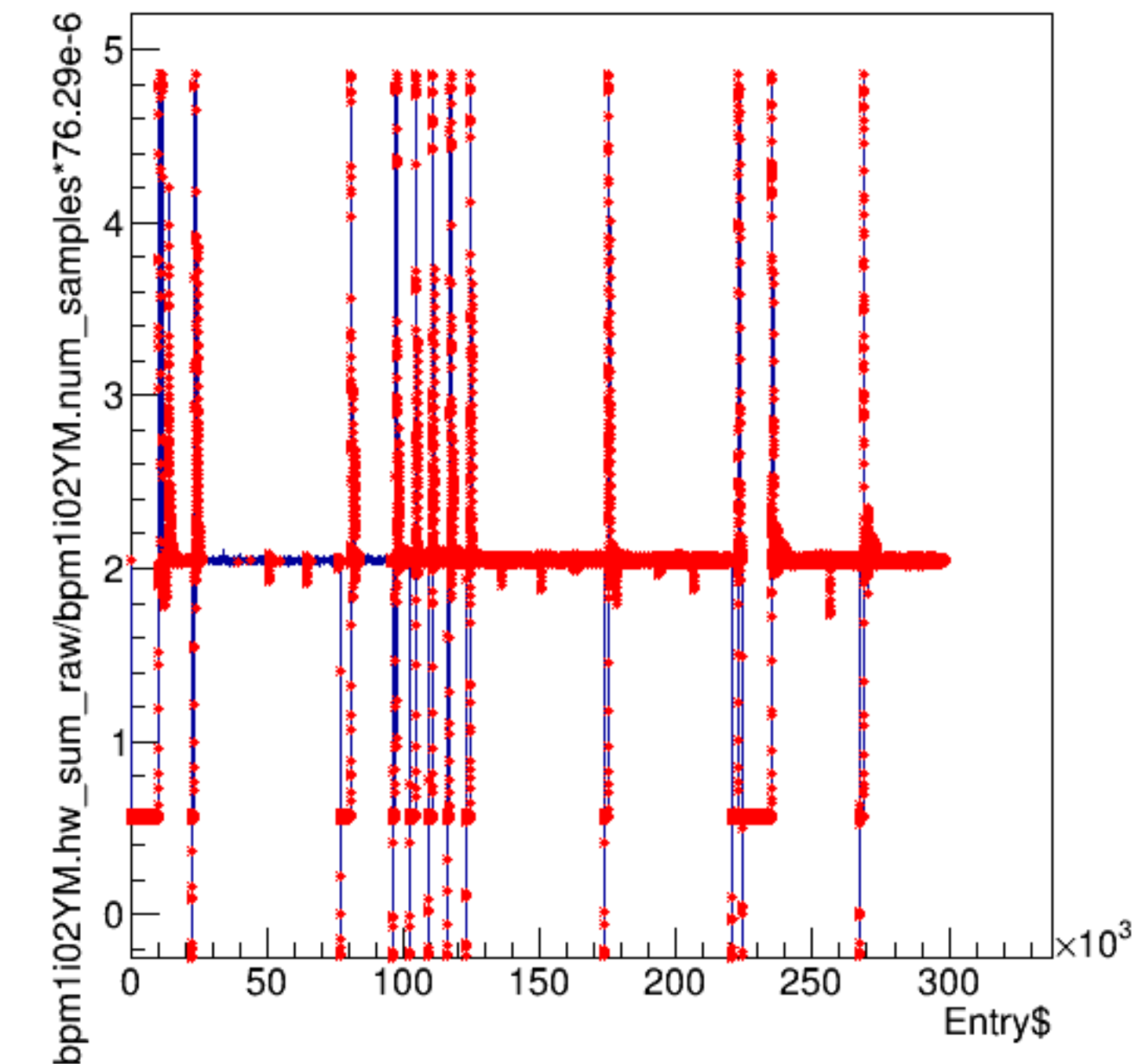
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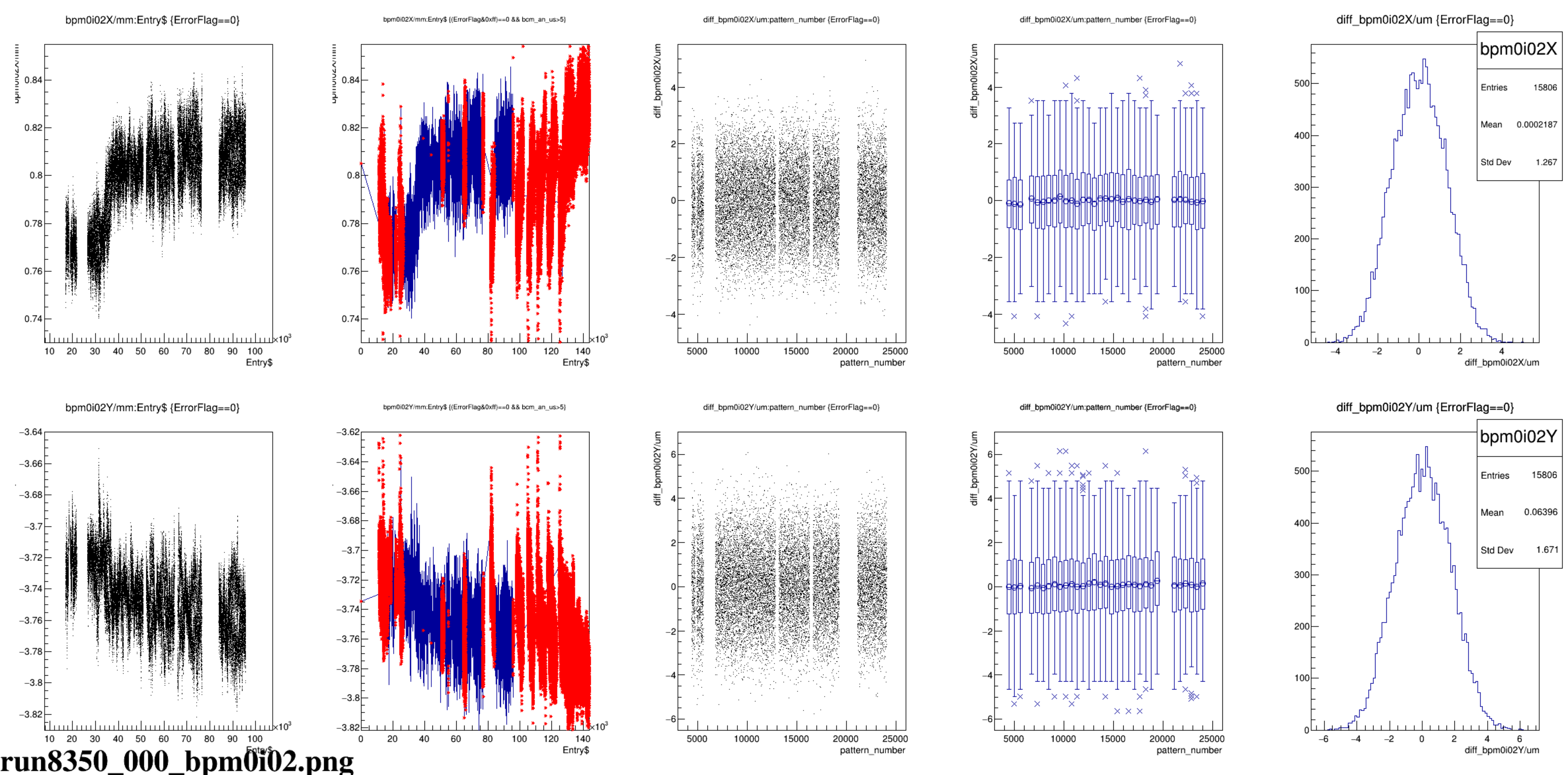


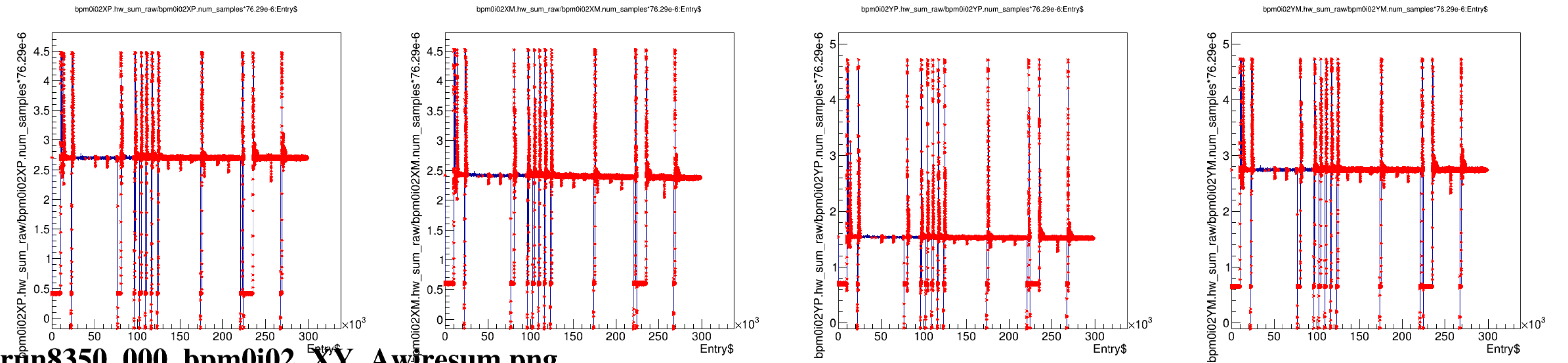
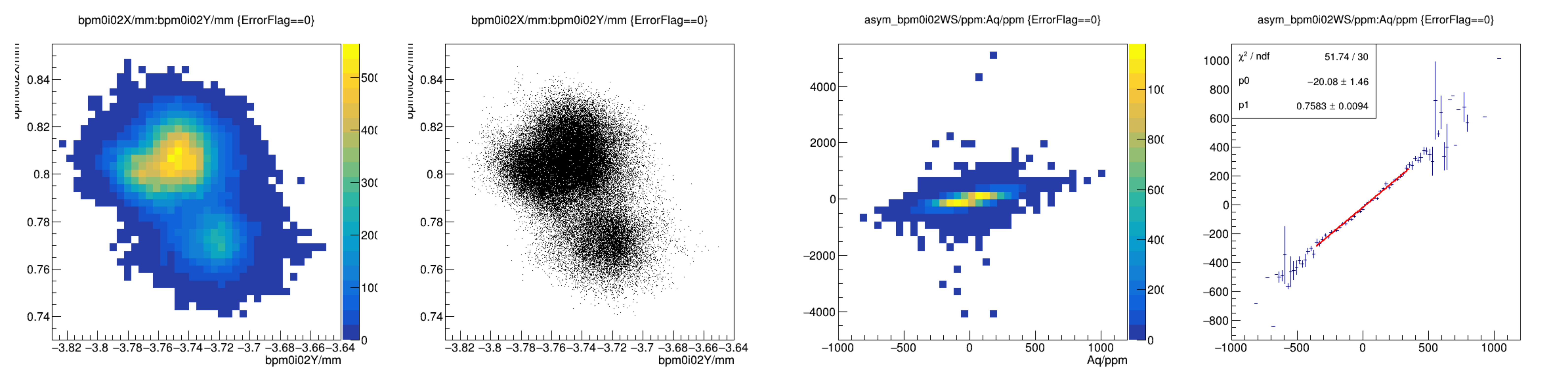
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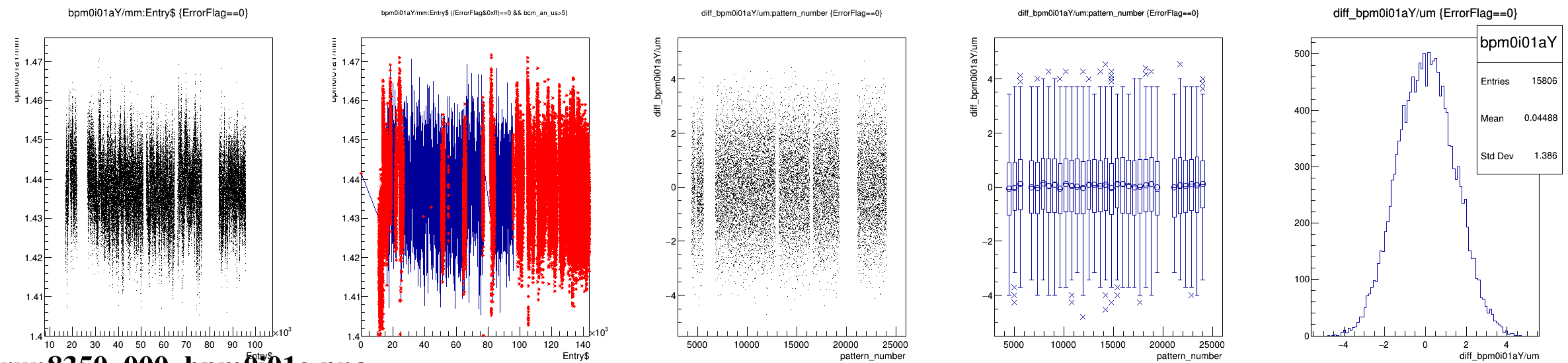
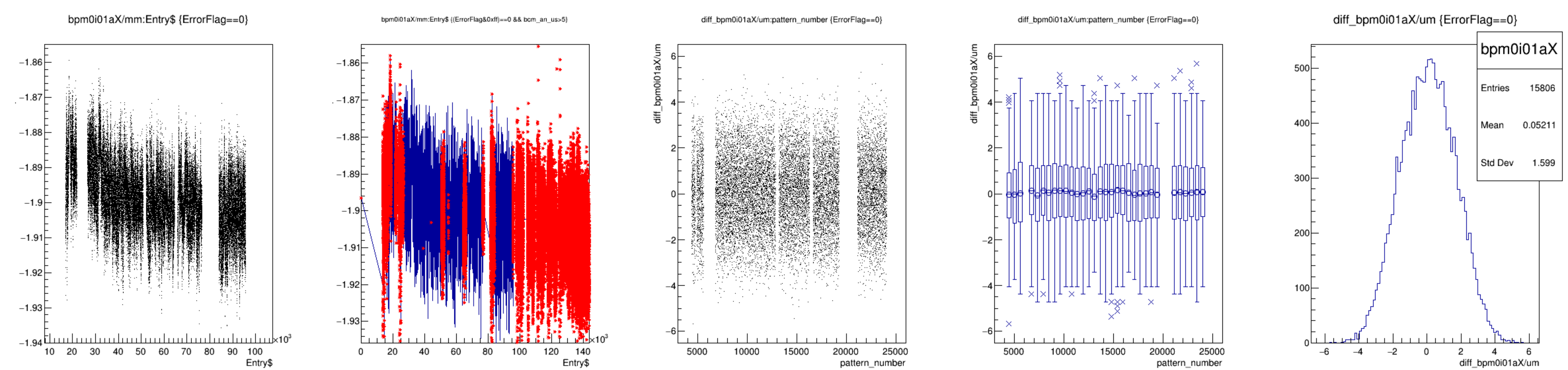


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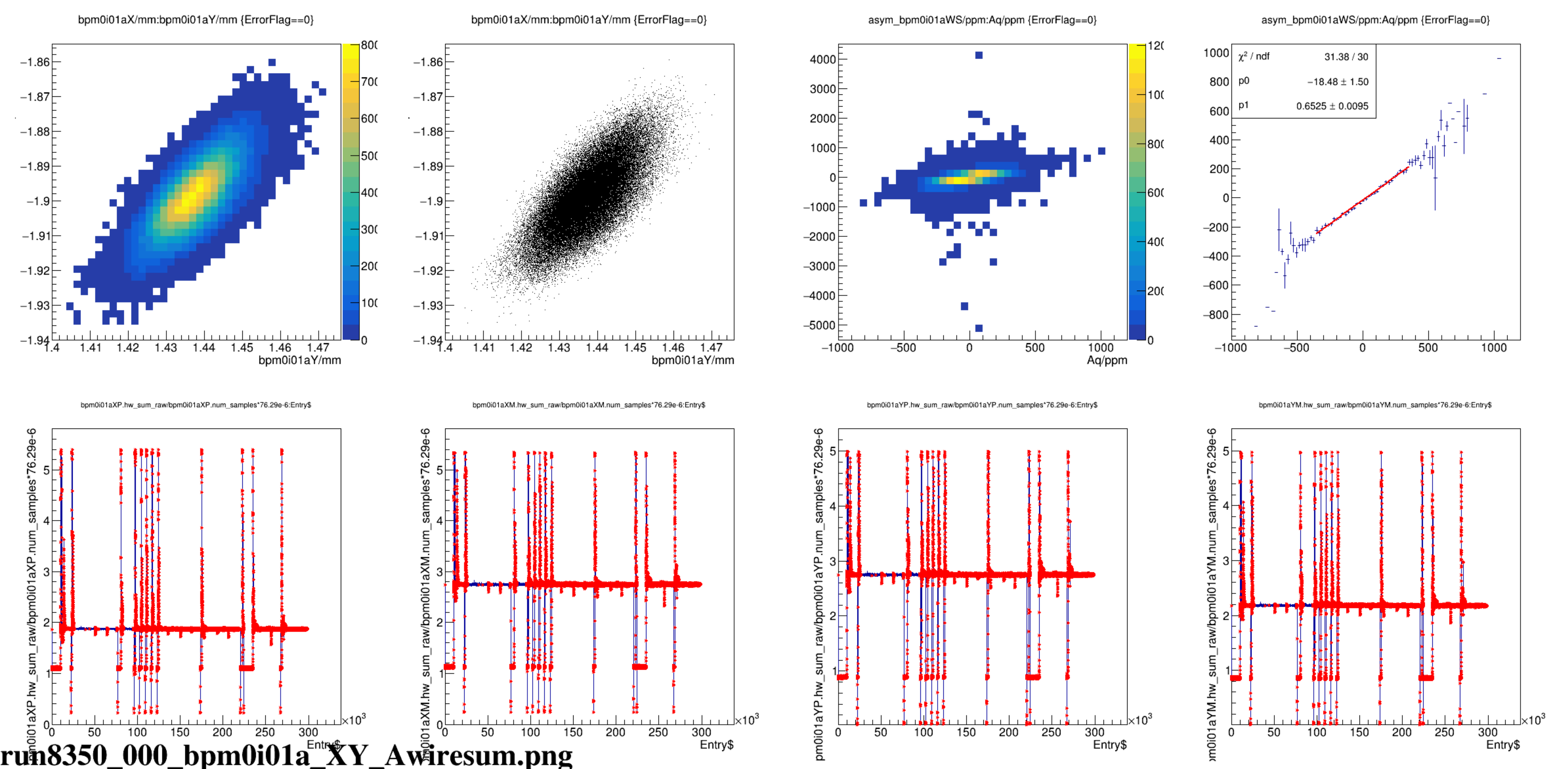




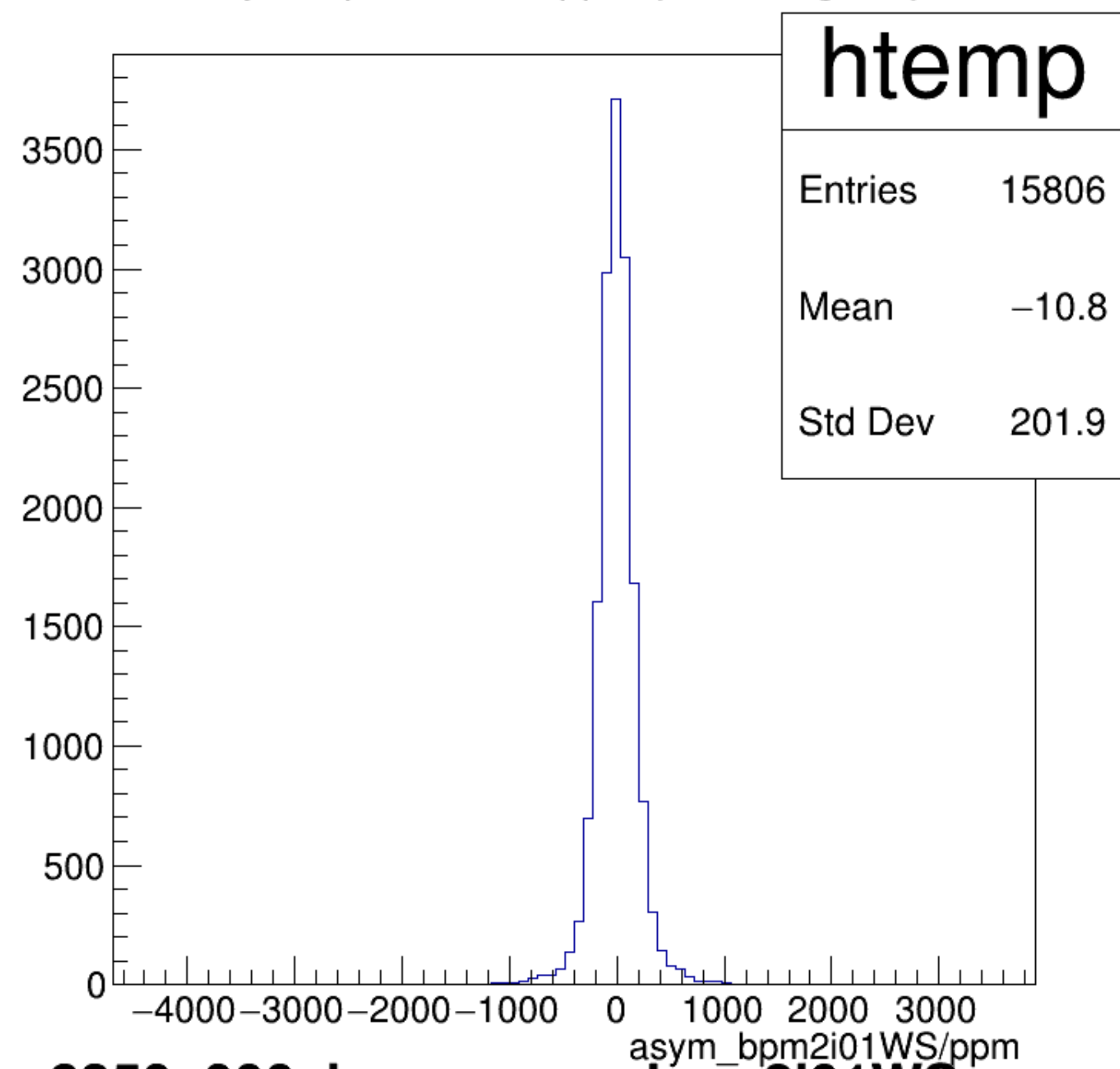




run8350_000_bpm0i01a.png

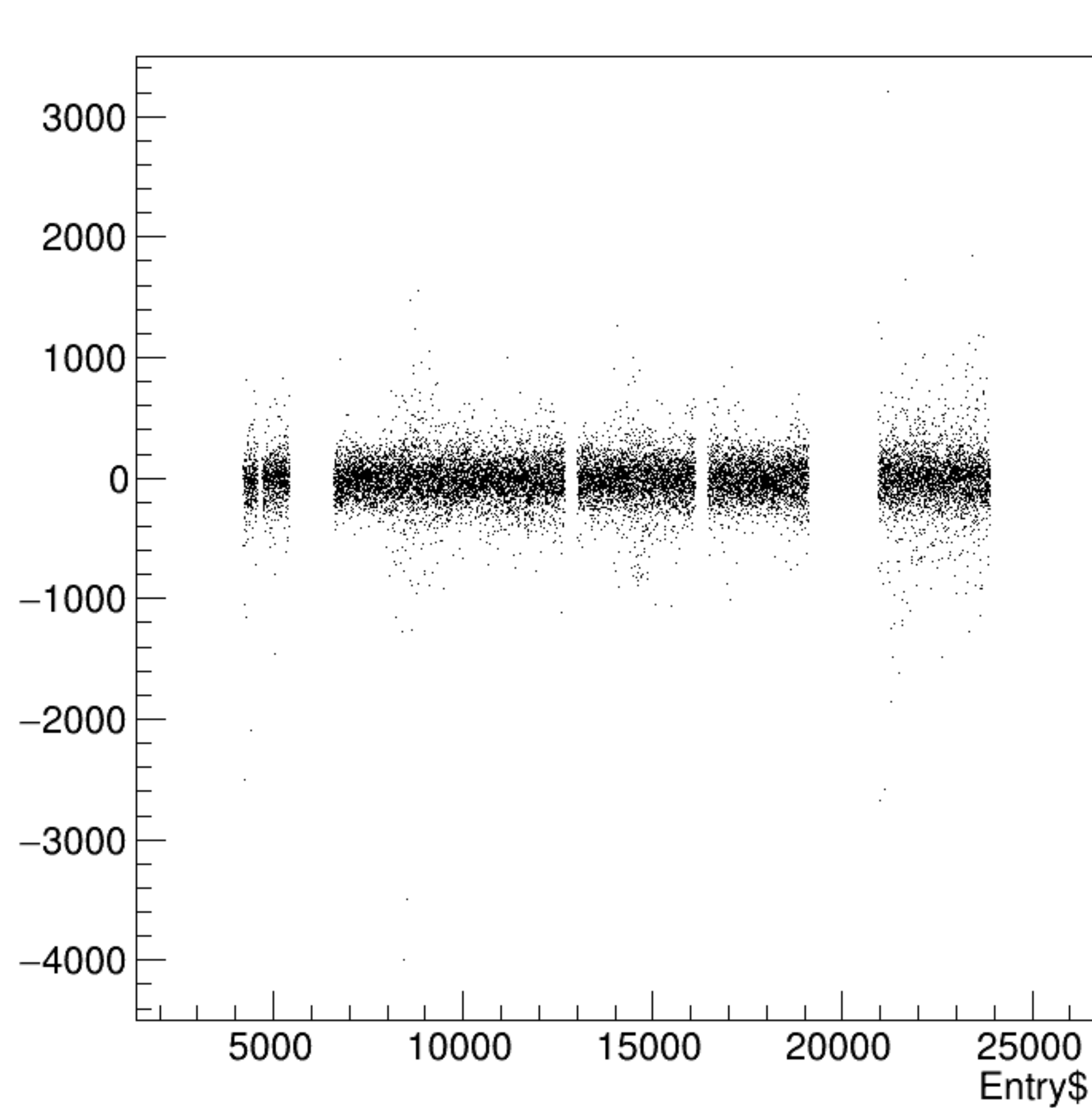


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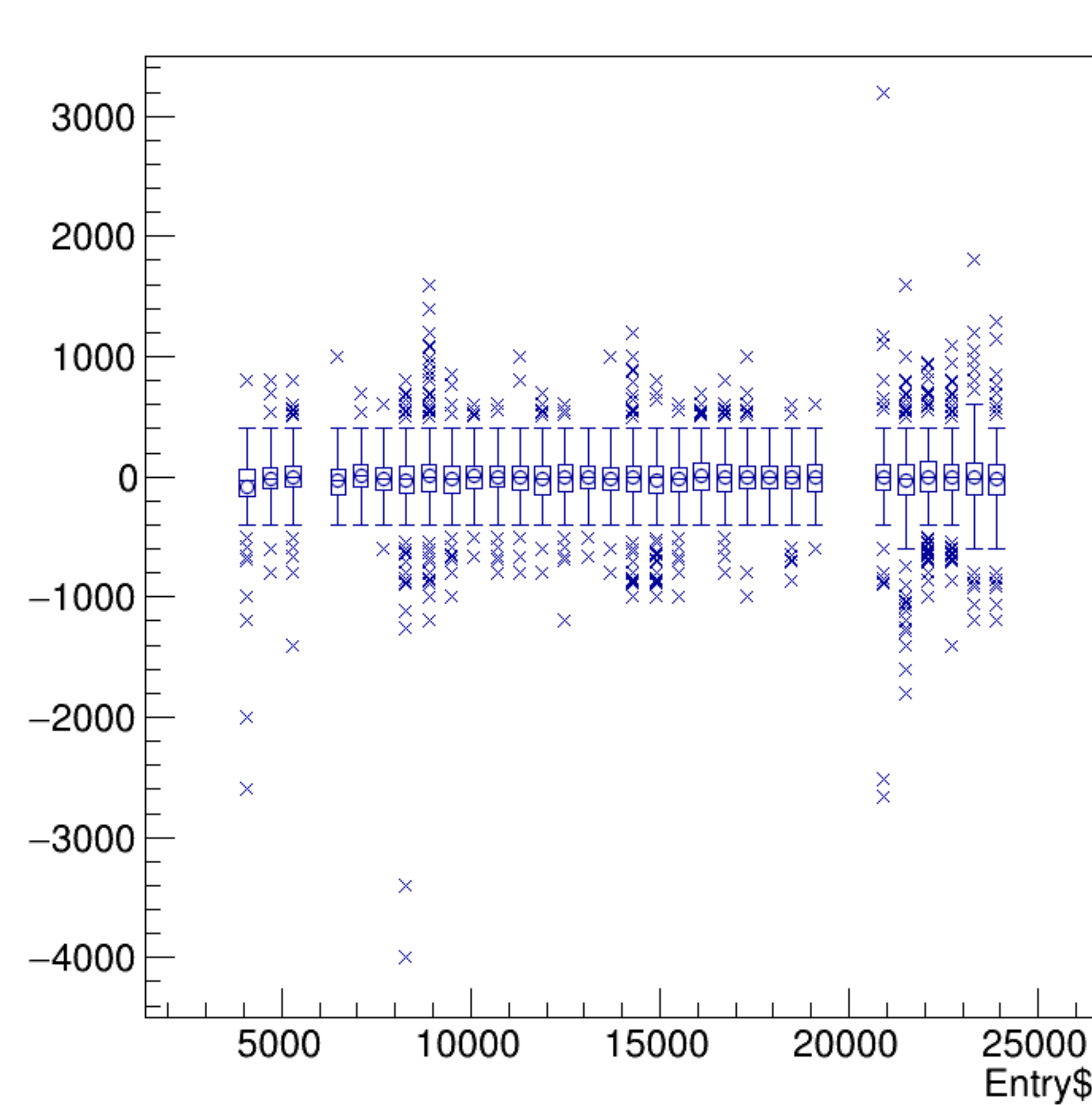


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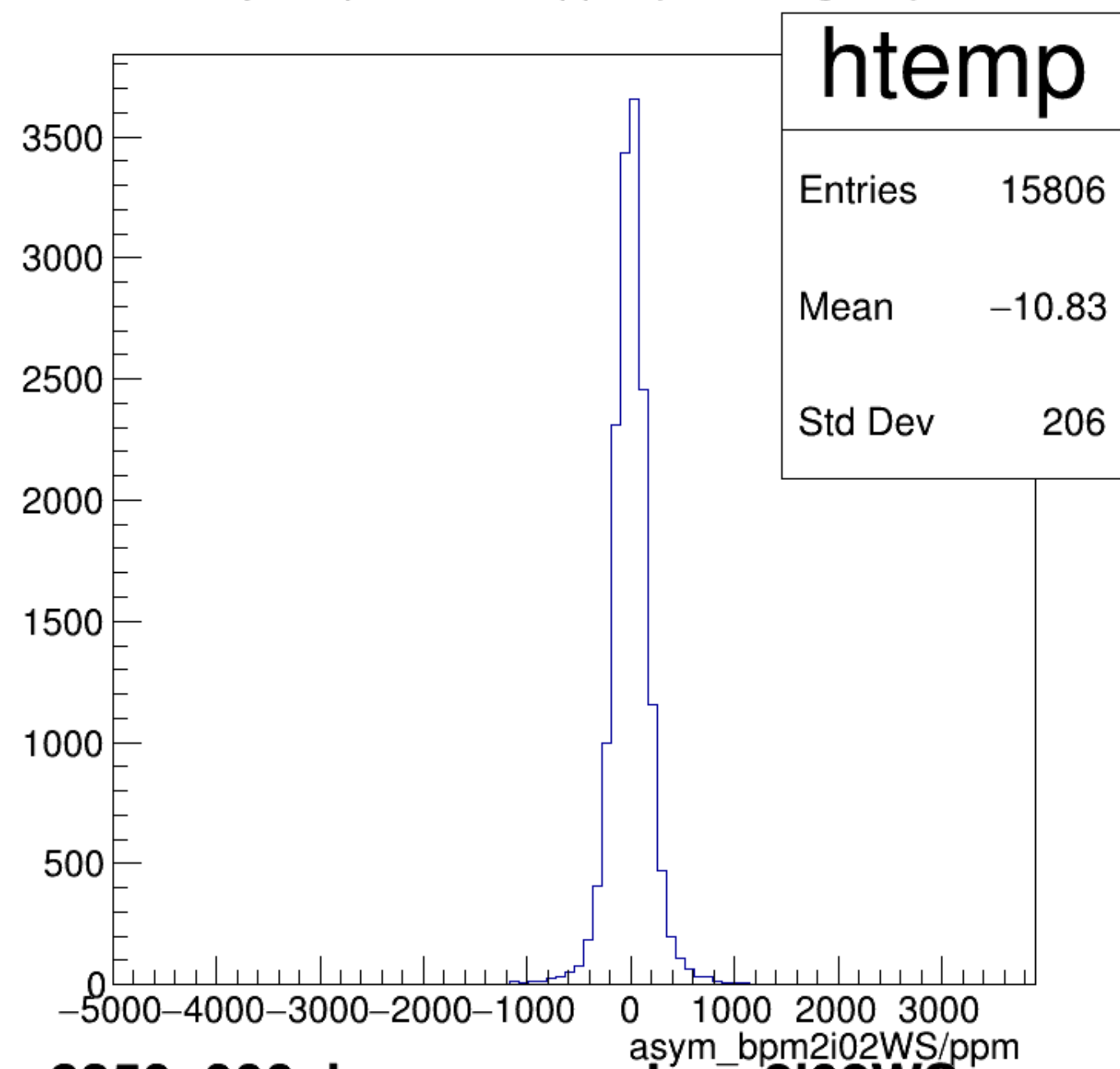
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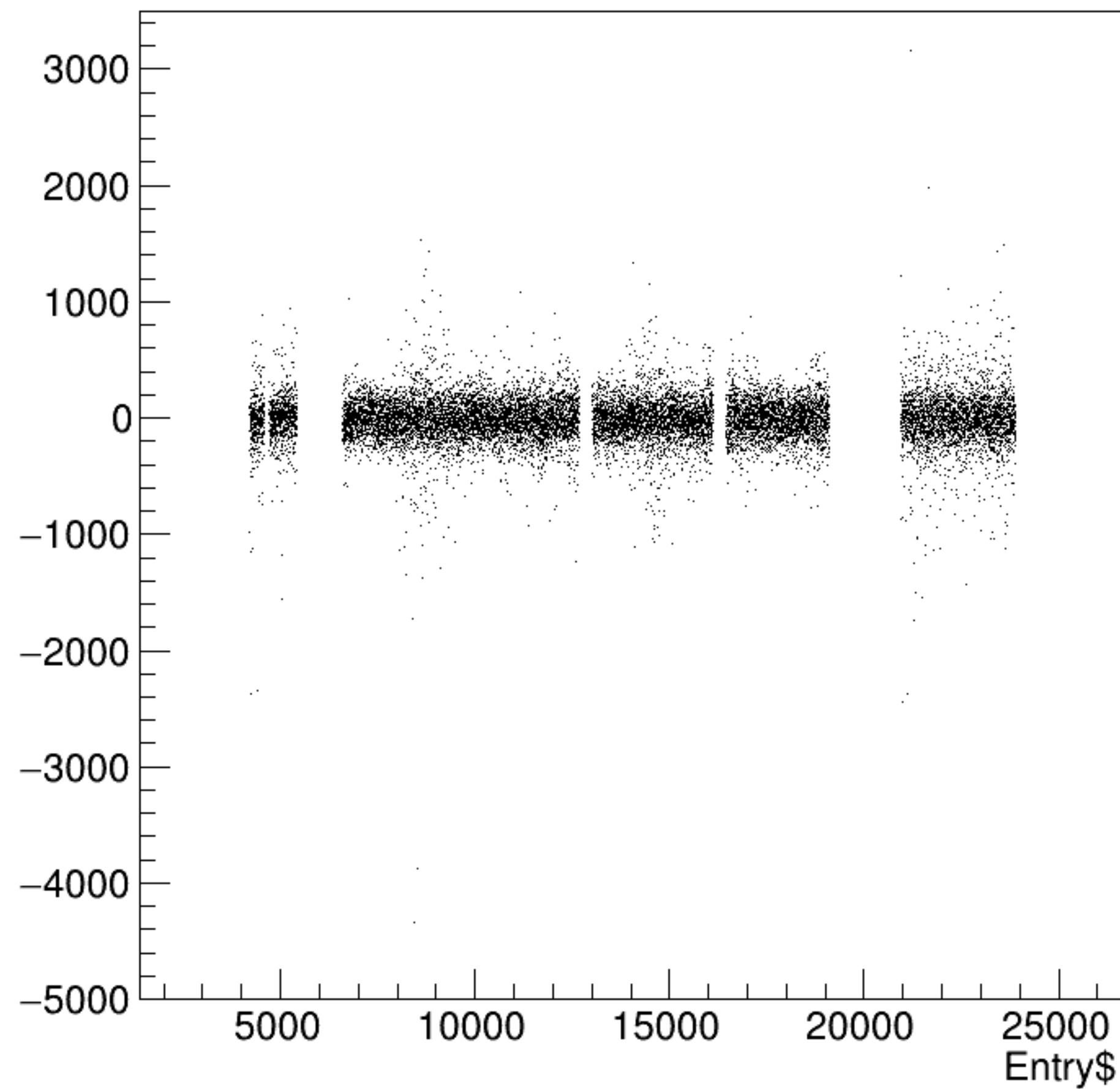


asym_bpm2i02WS/ppm {ErrorFlag==0}

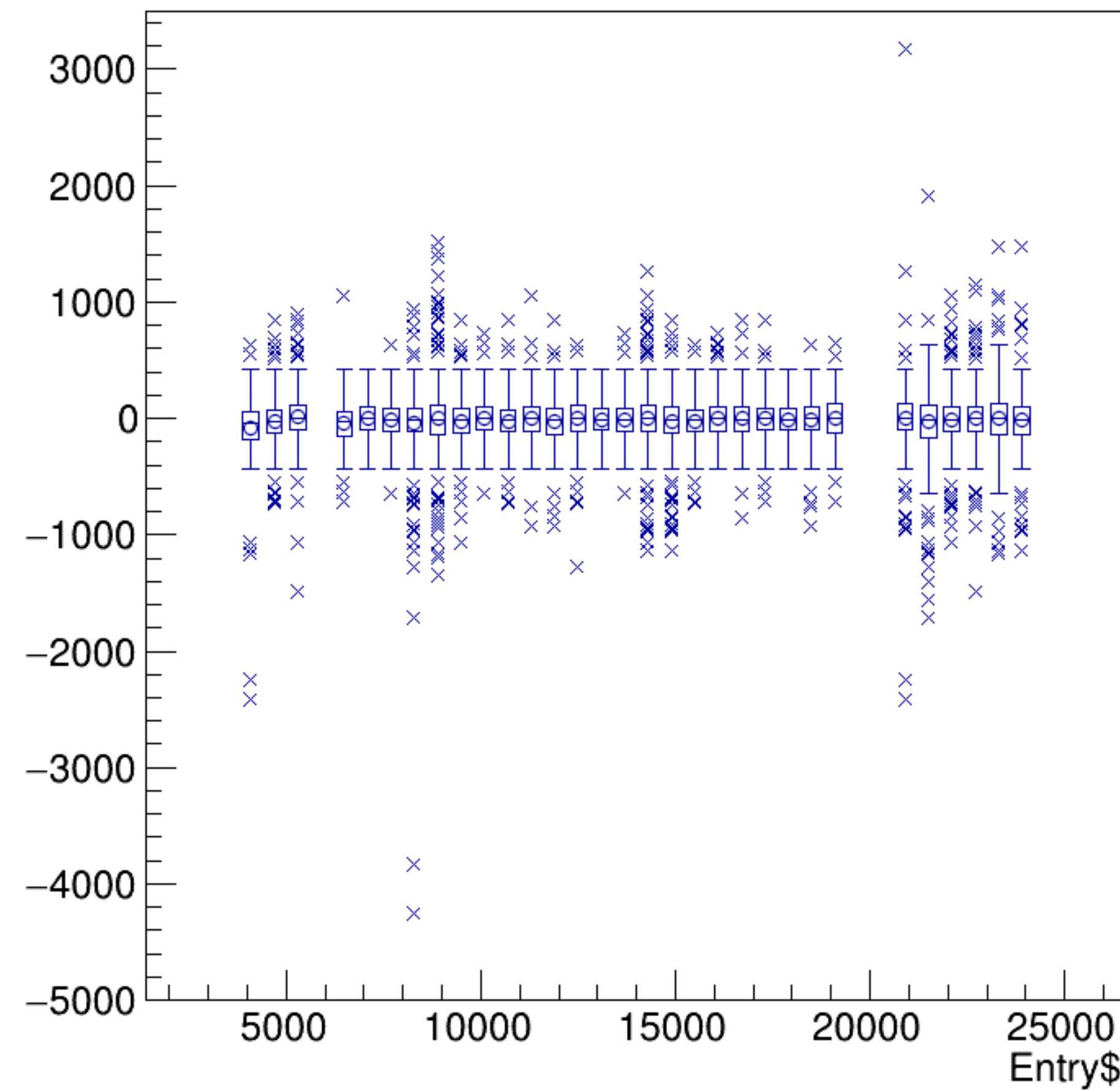


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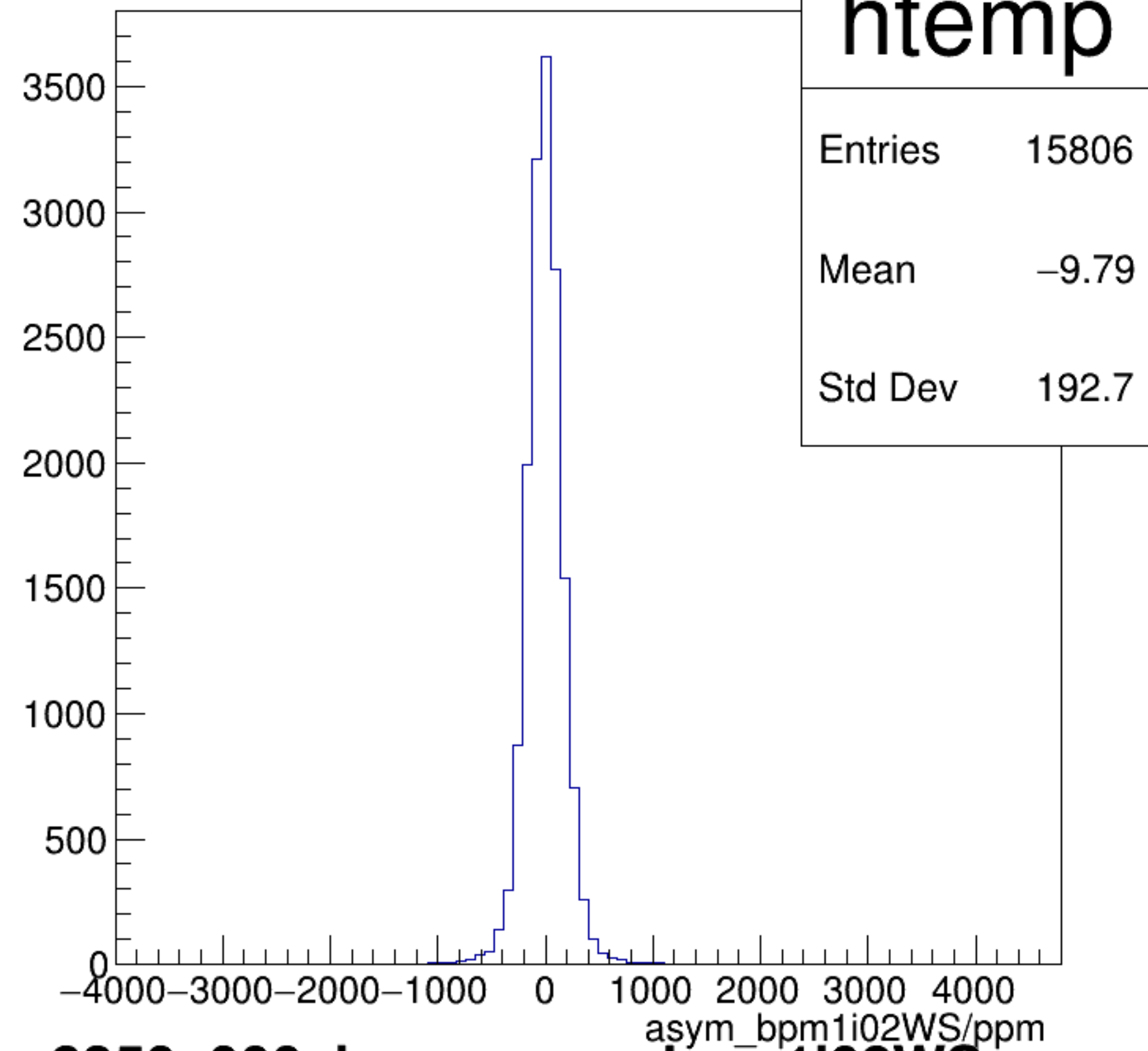
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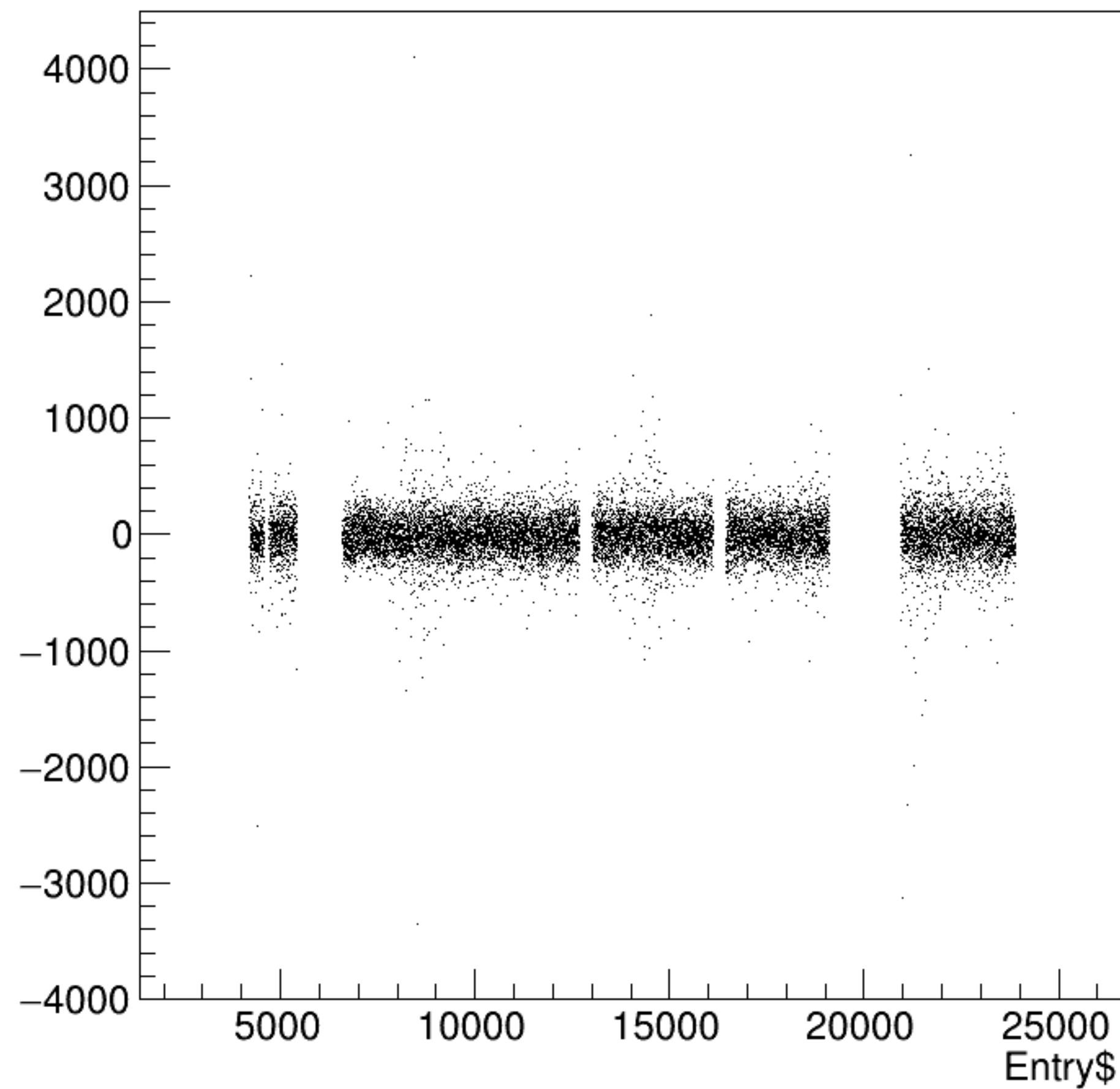
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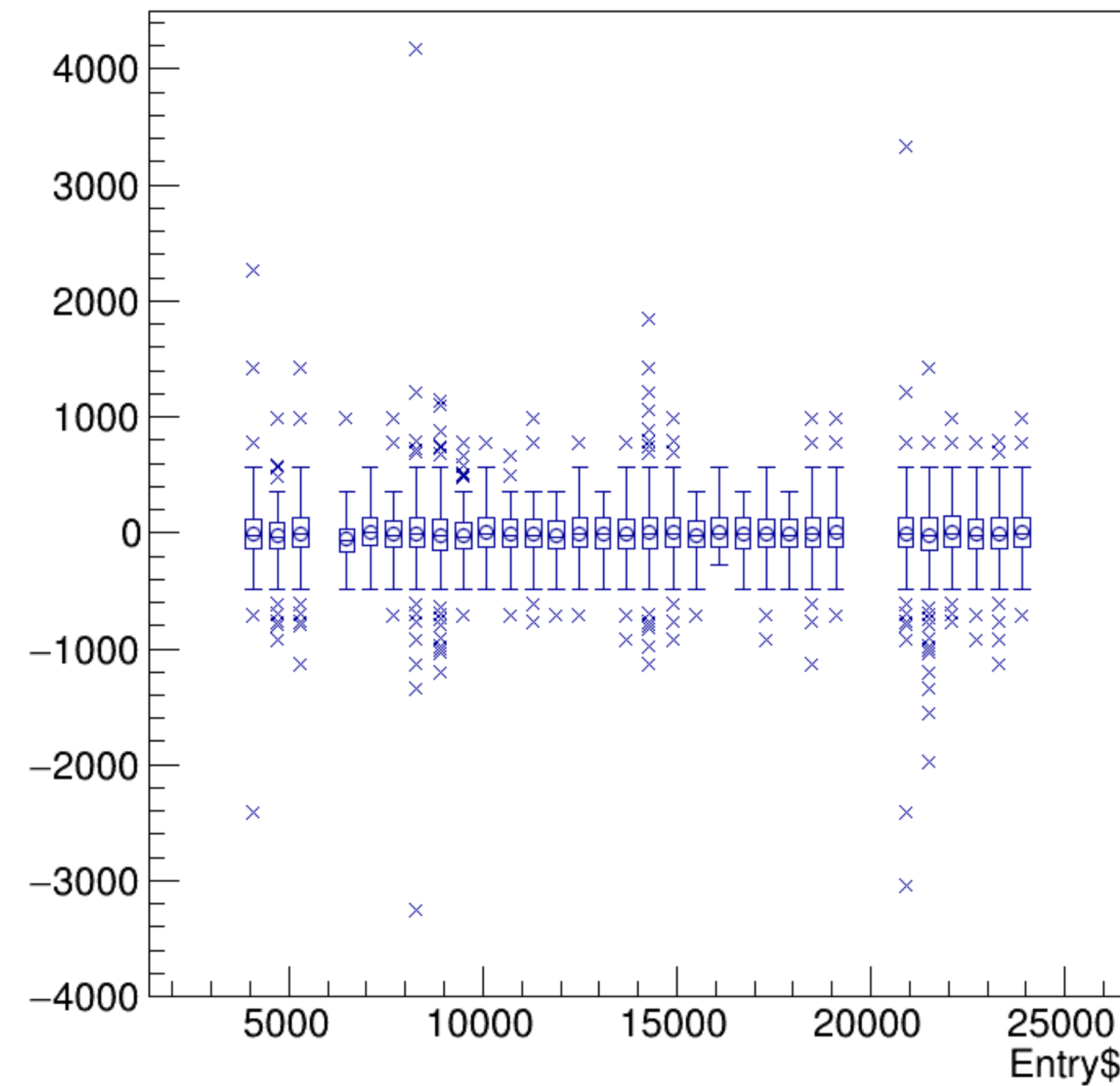
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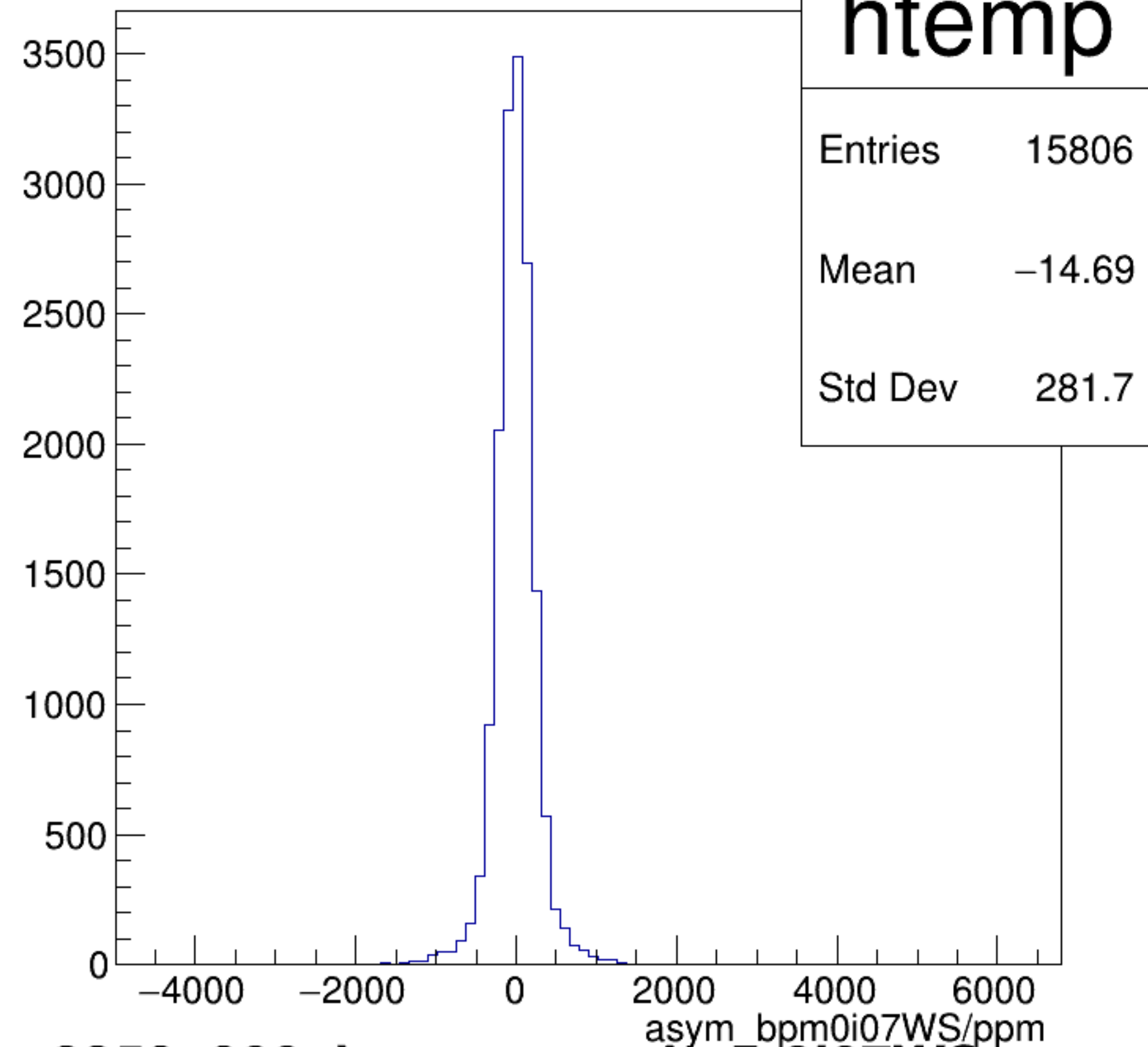
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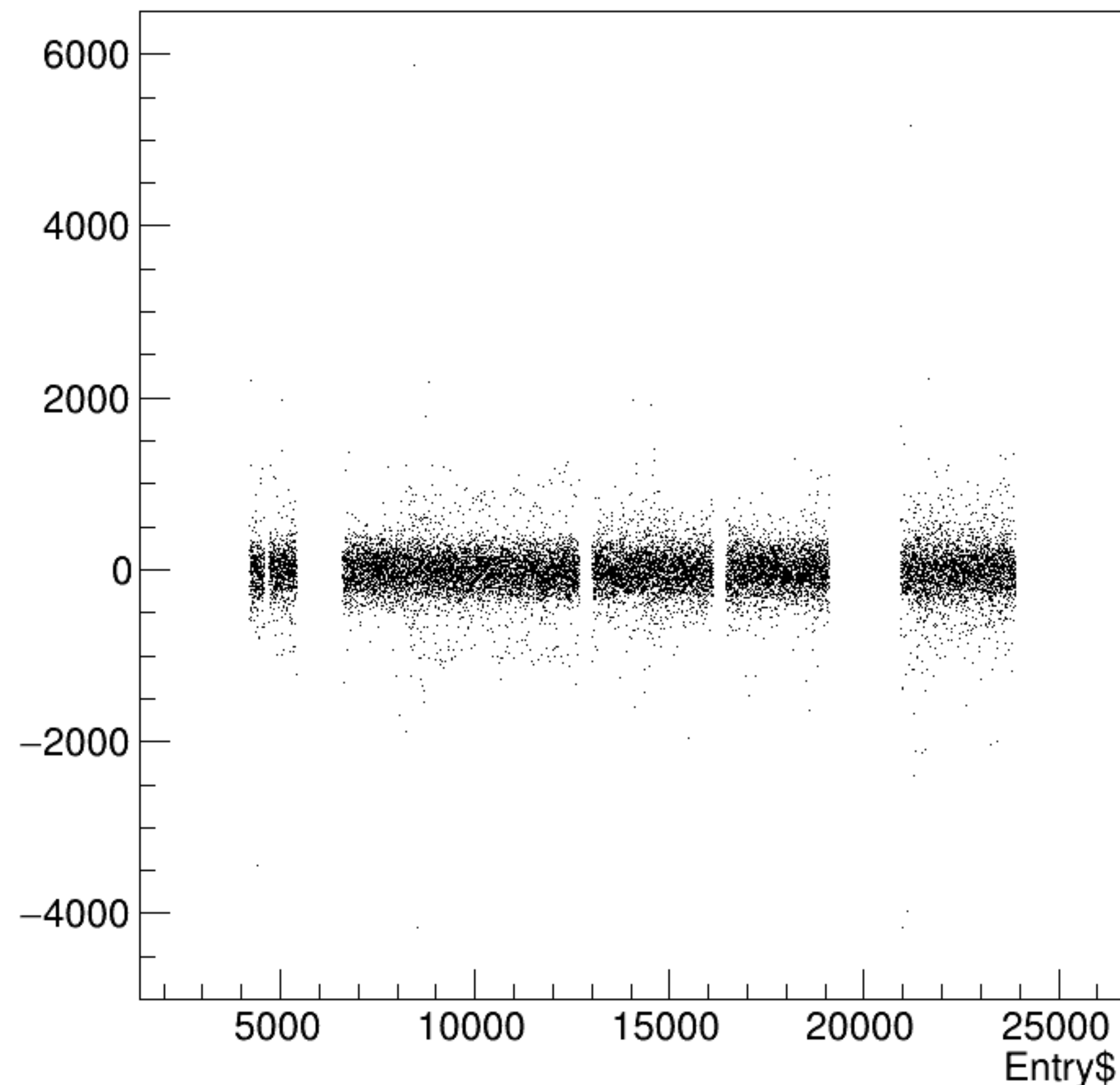


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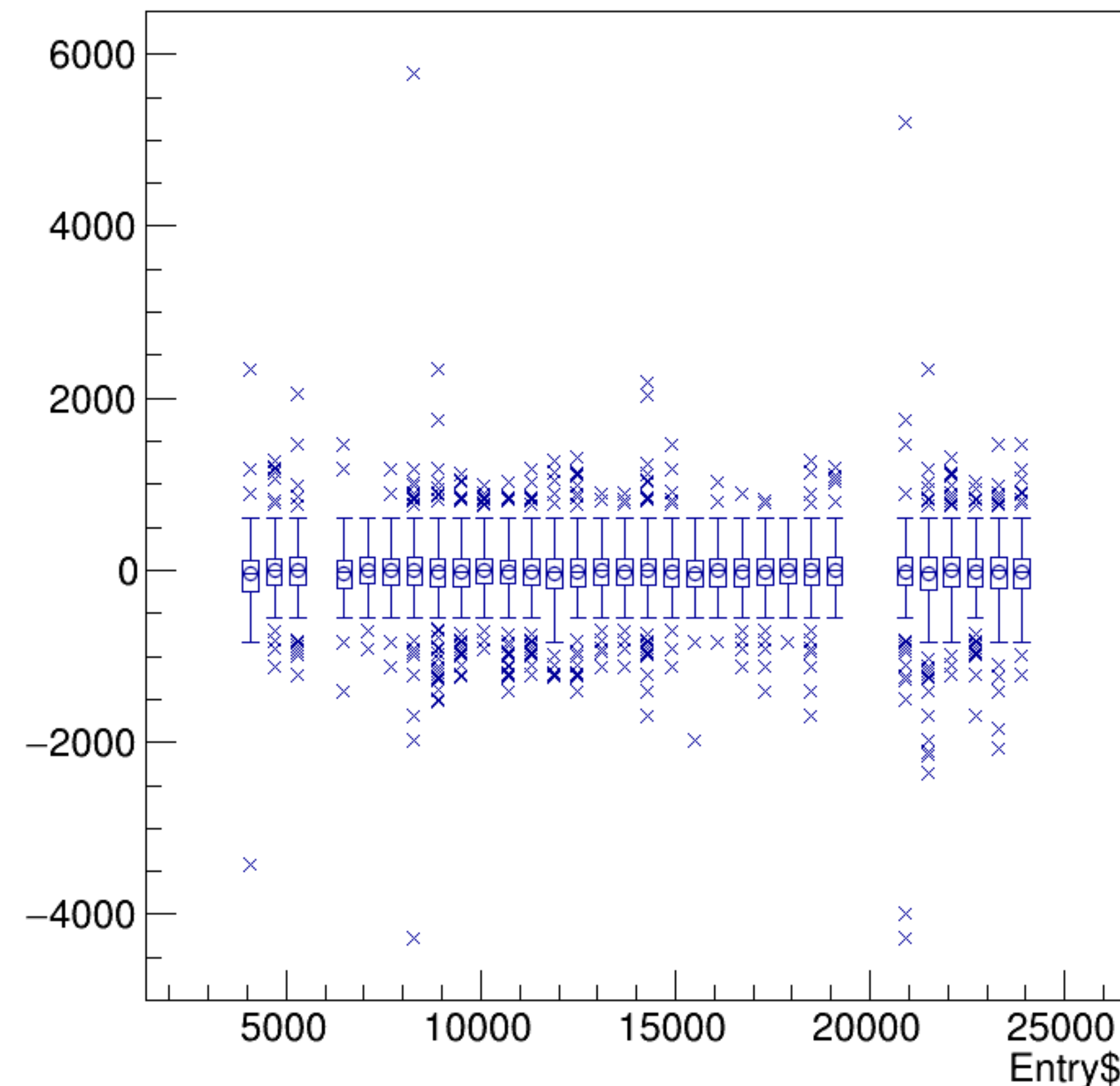


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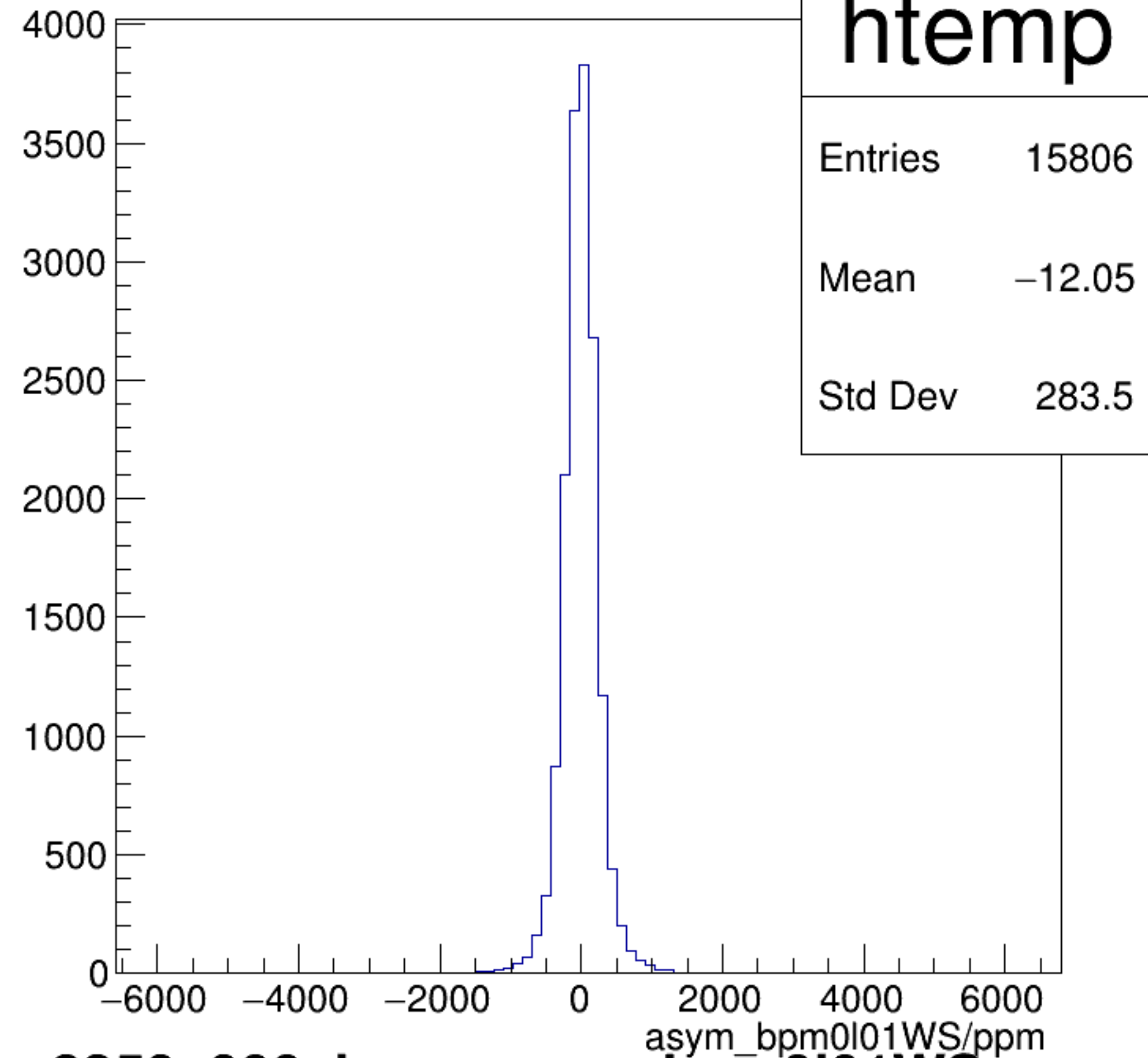
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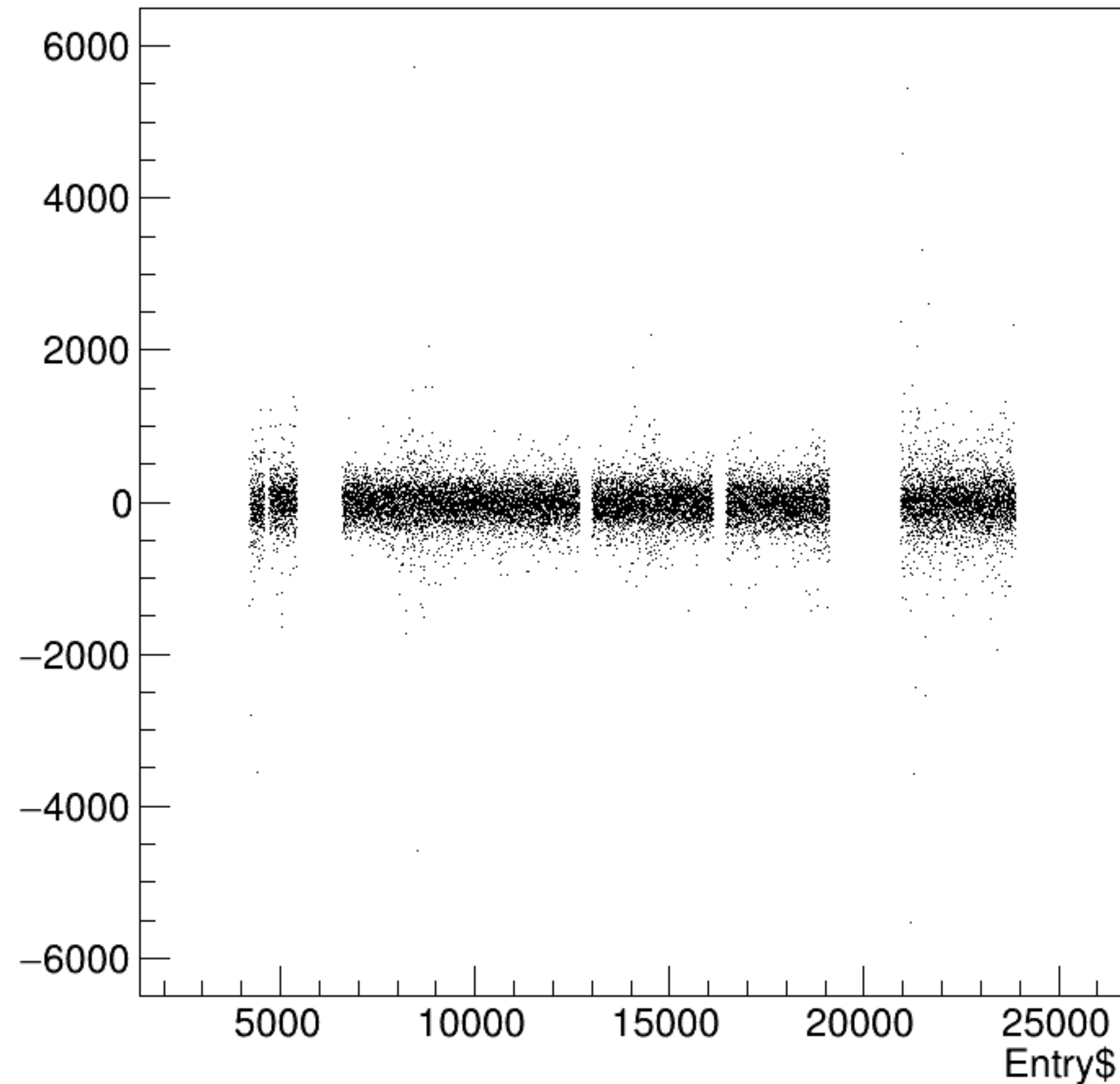


asym_bpm0l01WS/ppm {ErrorFlag==0}

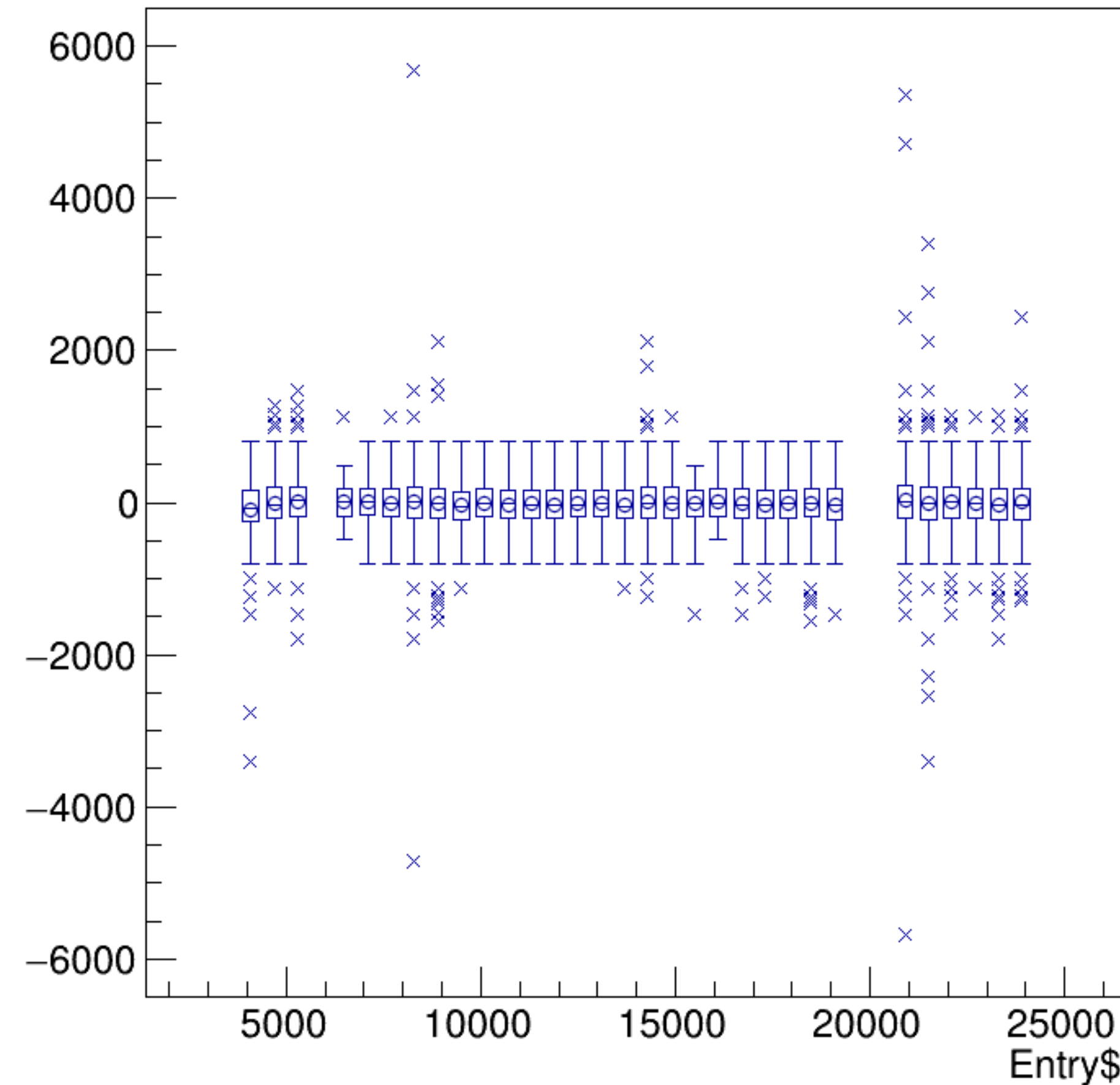


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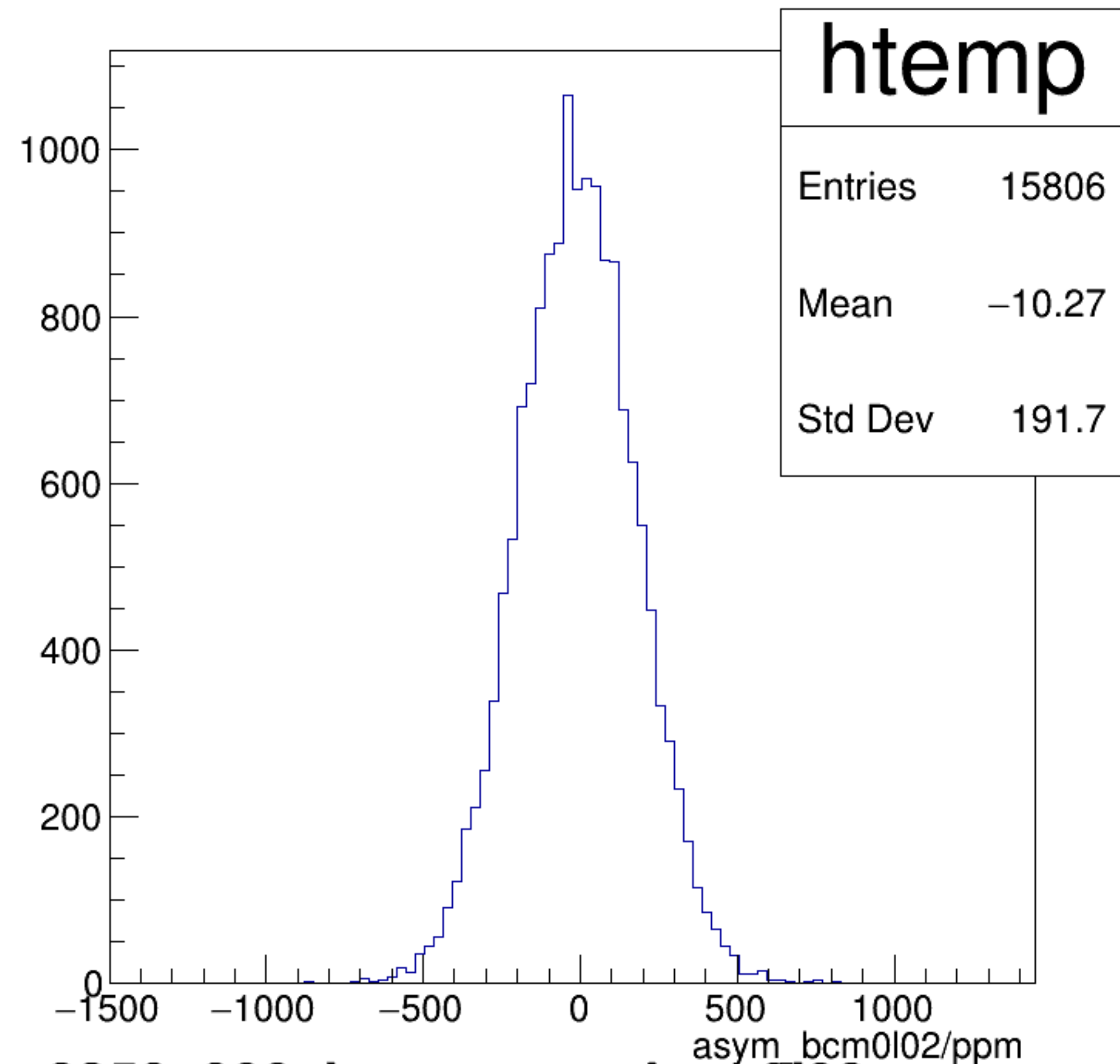
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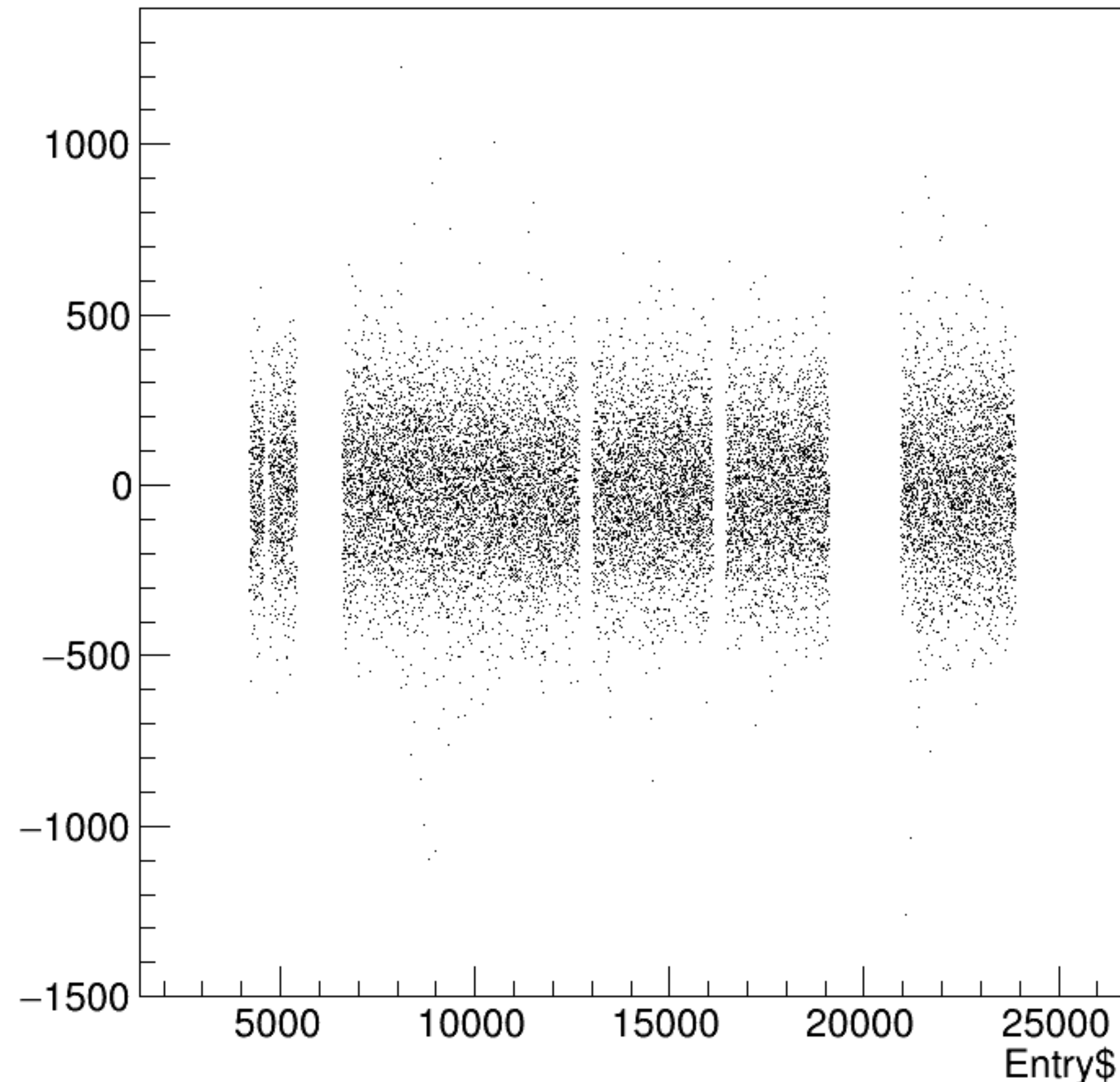
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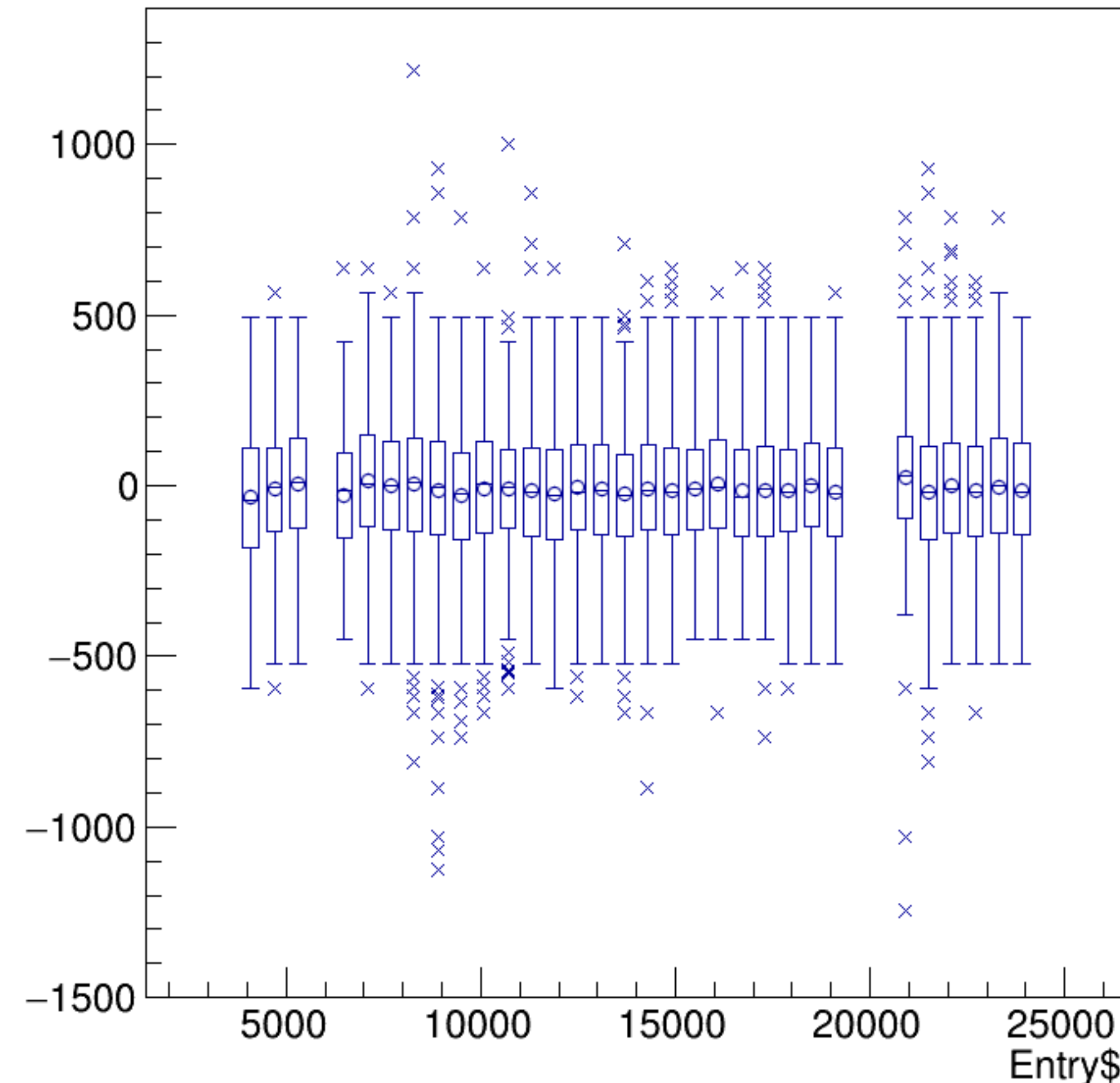
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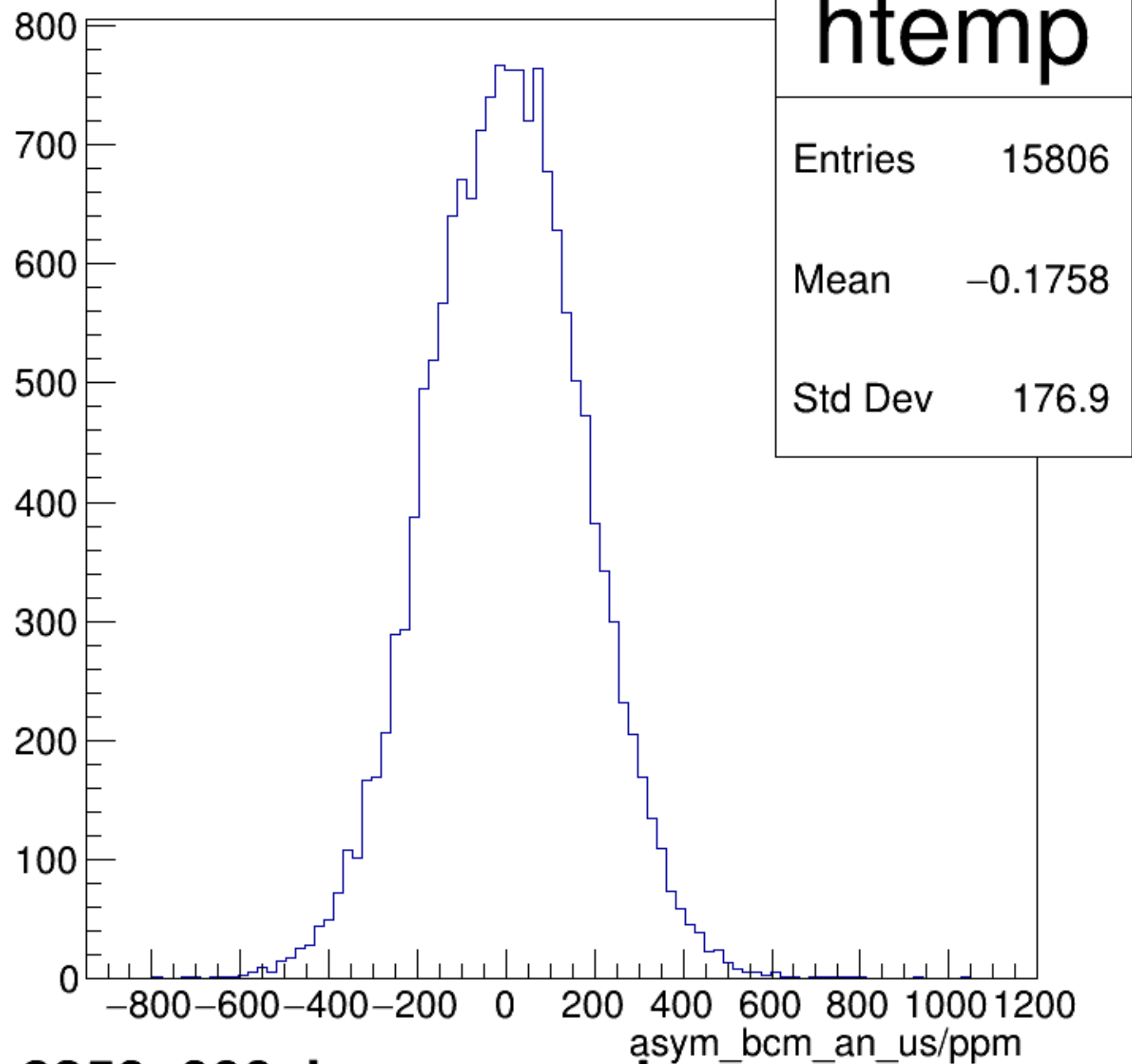
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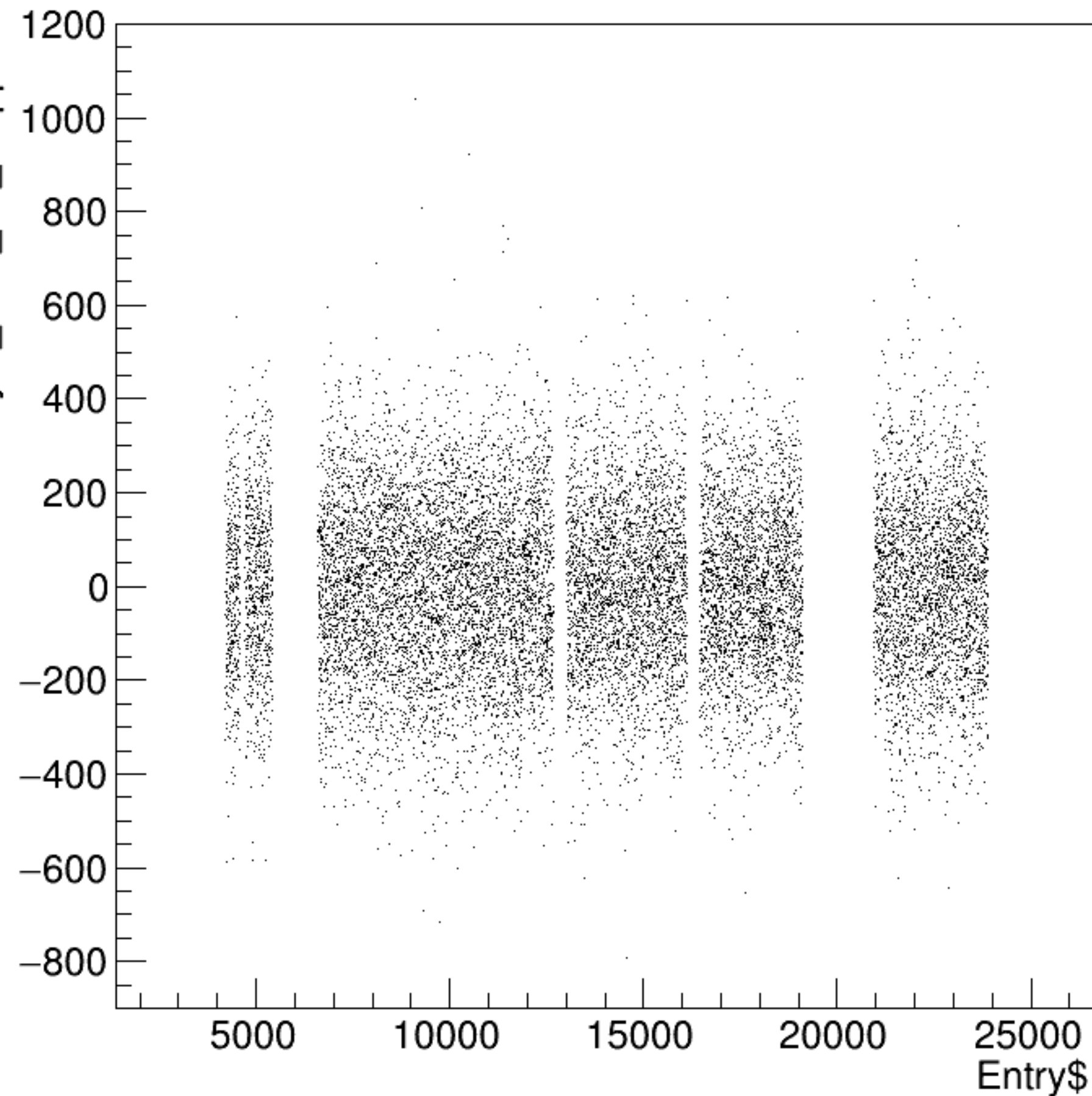
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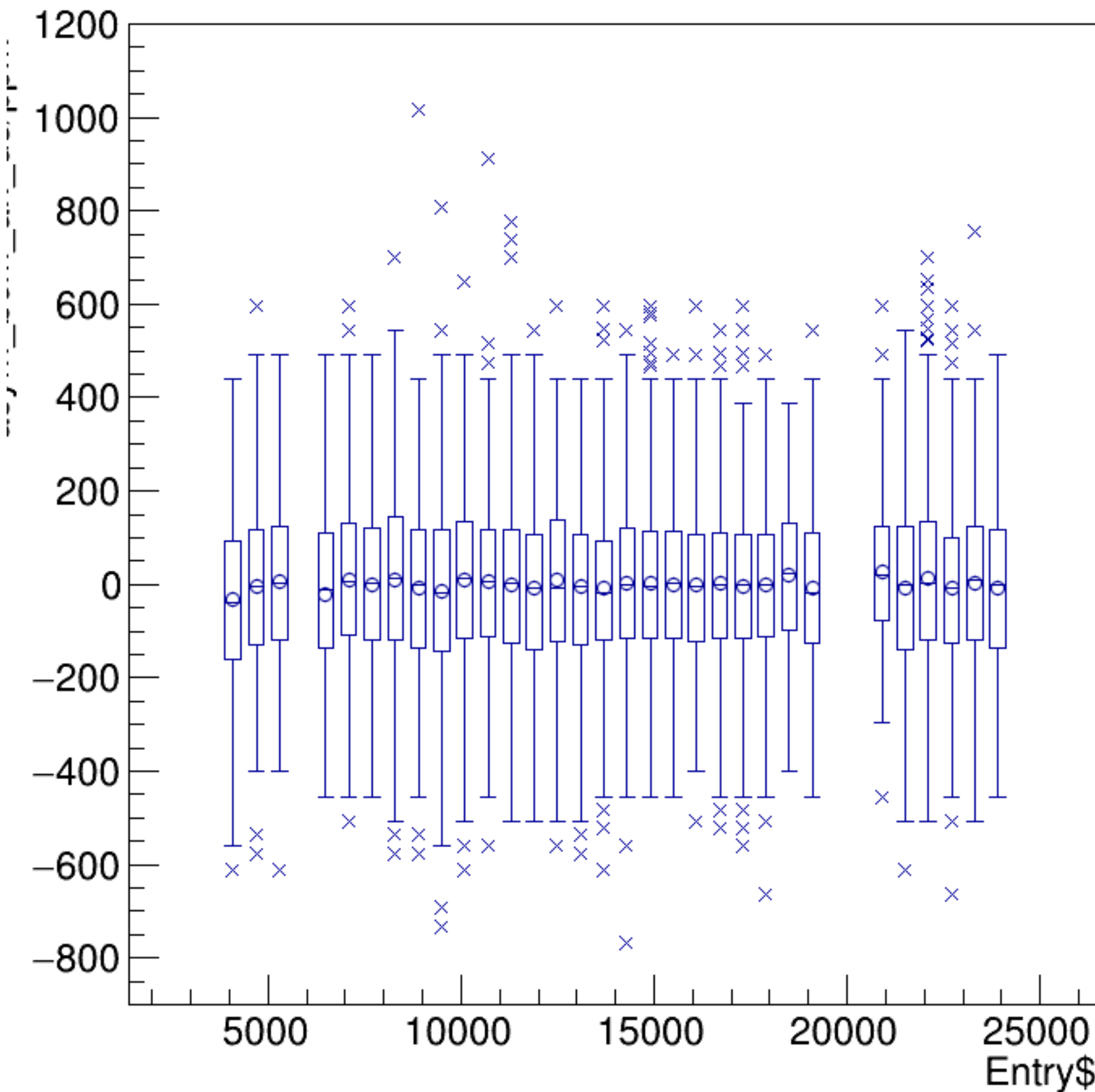
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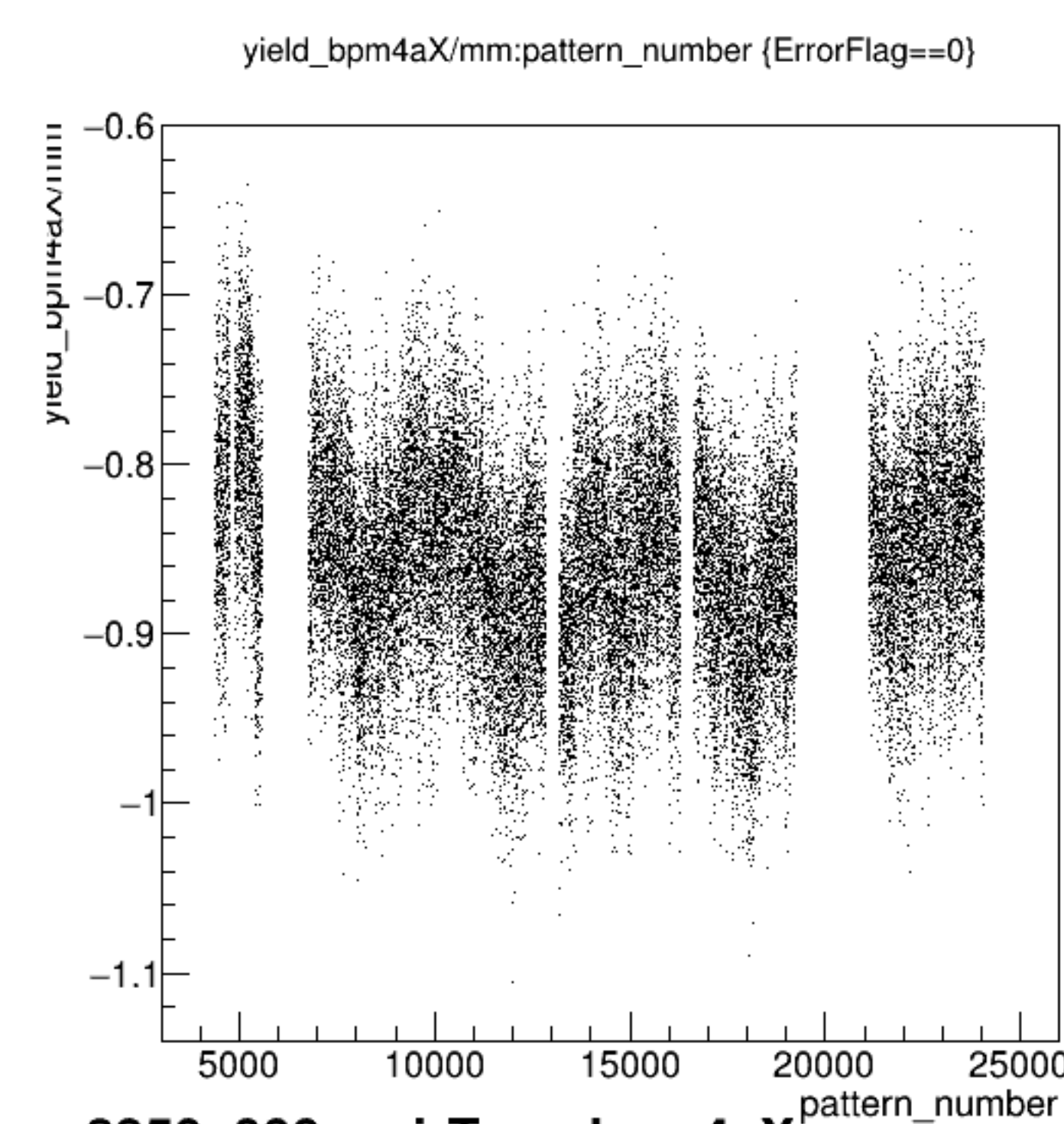


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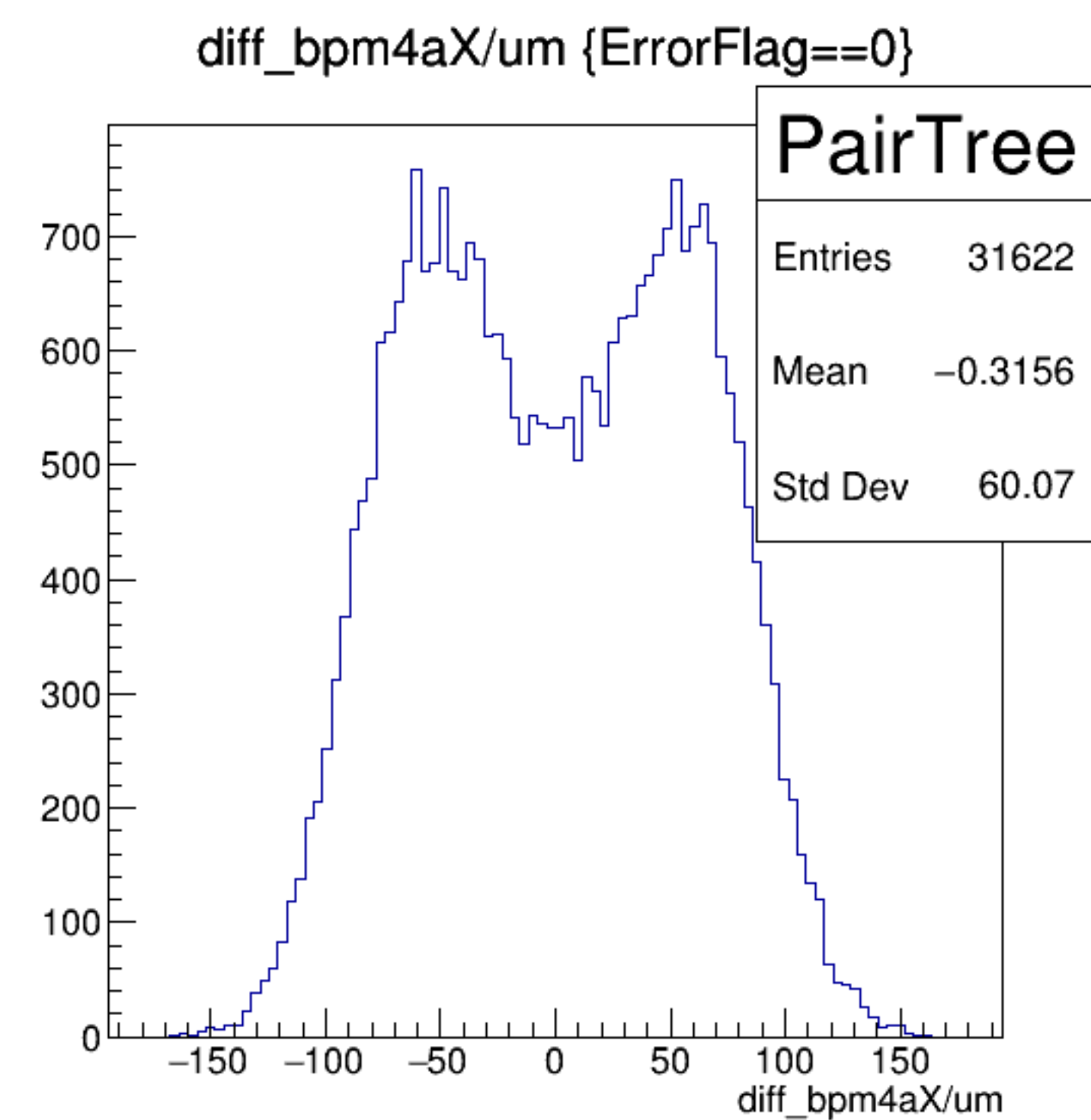
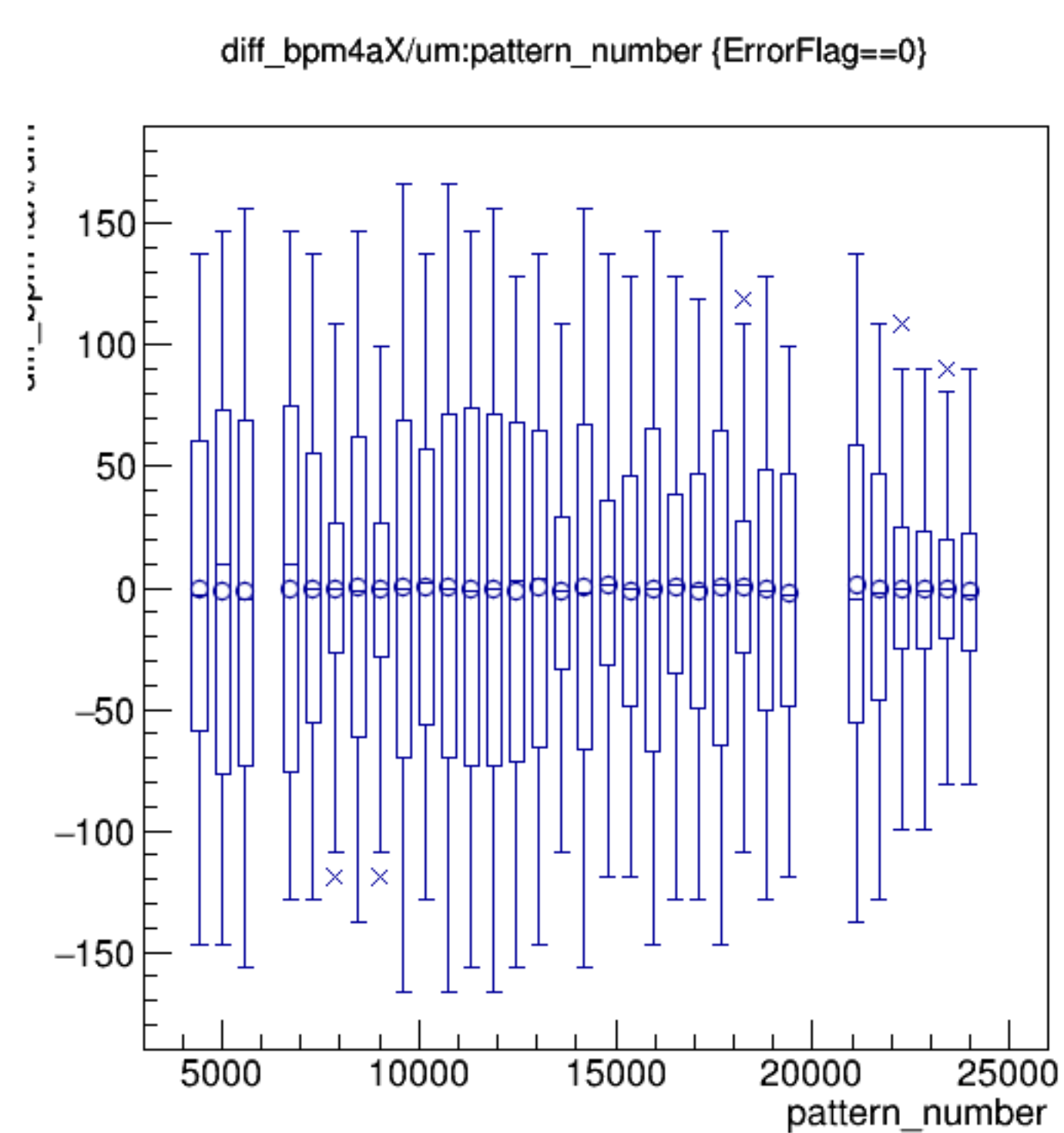
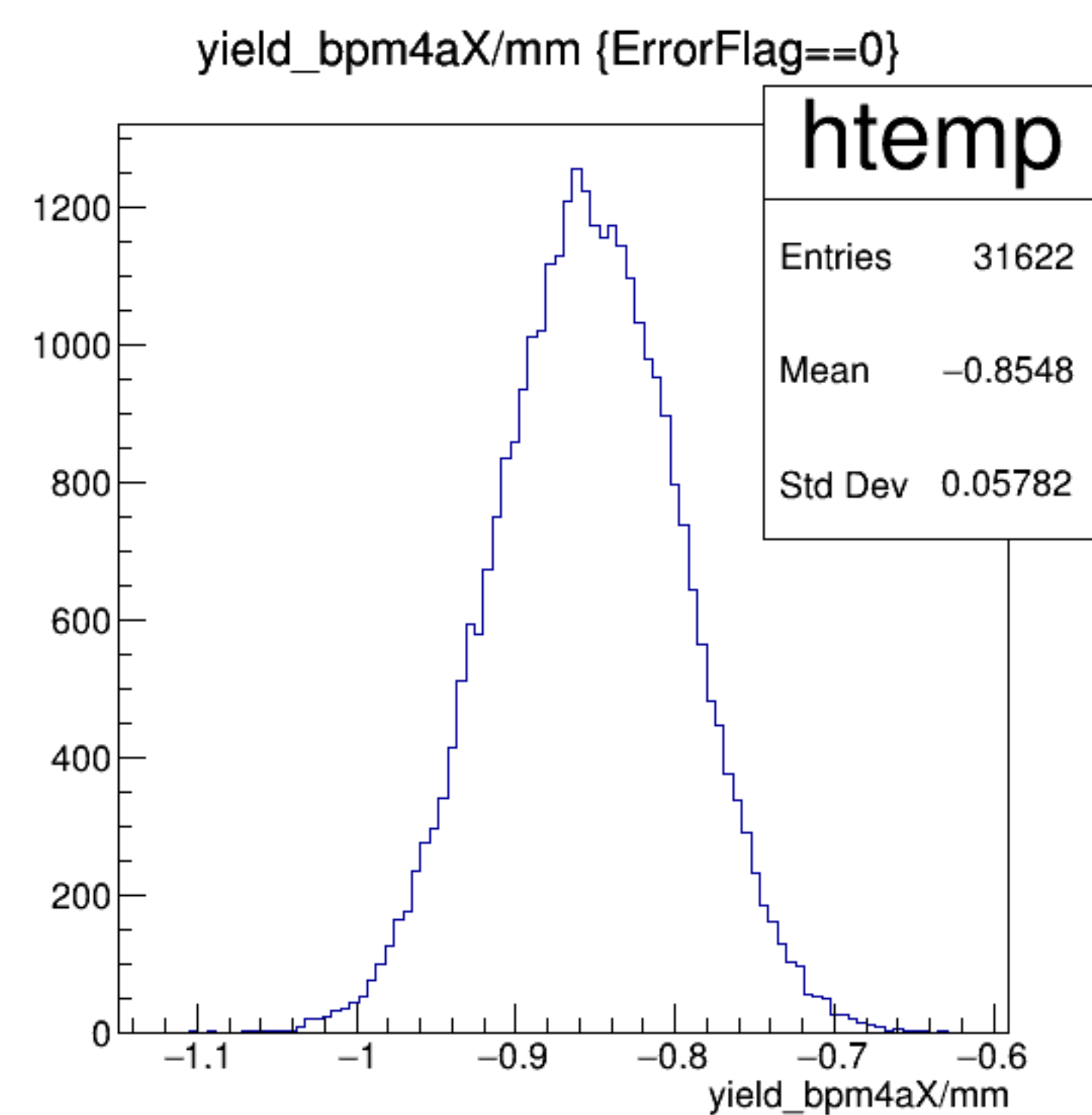


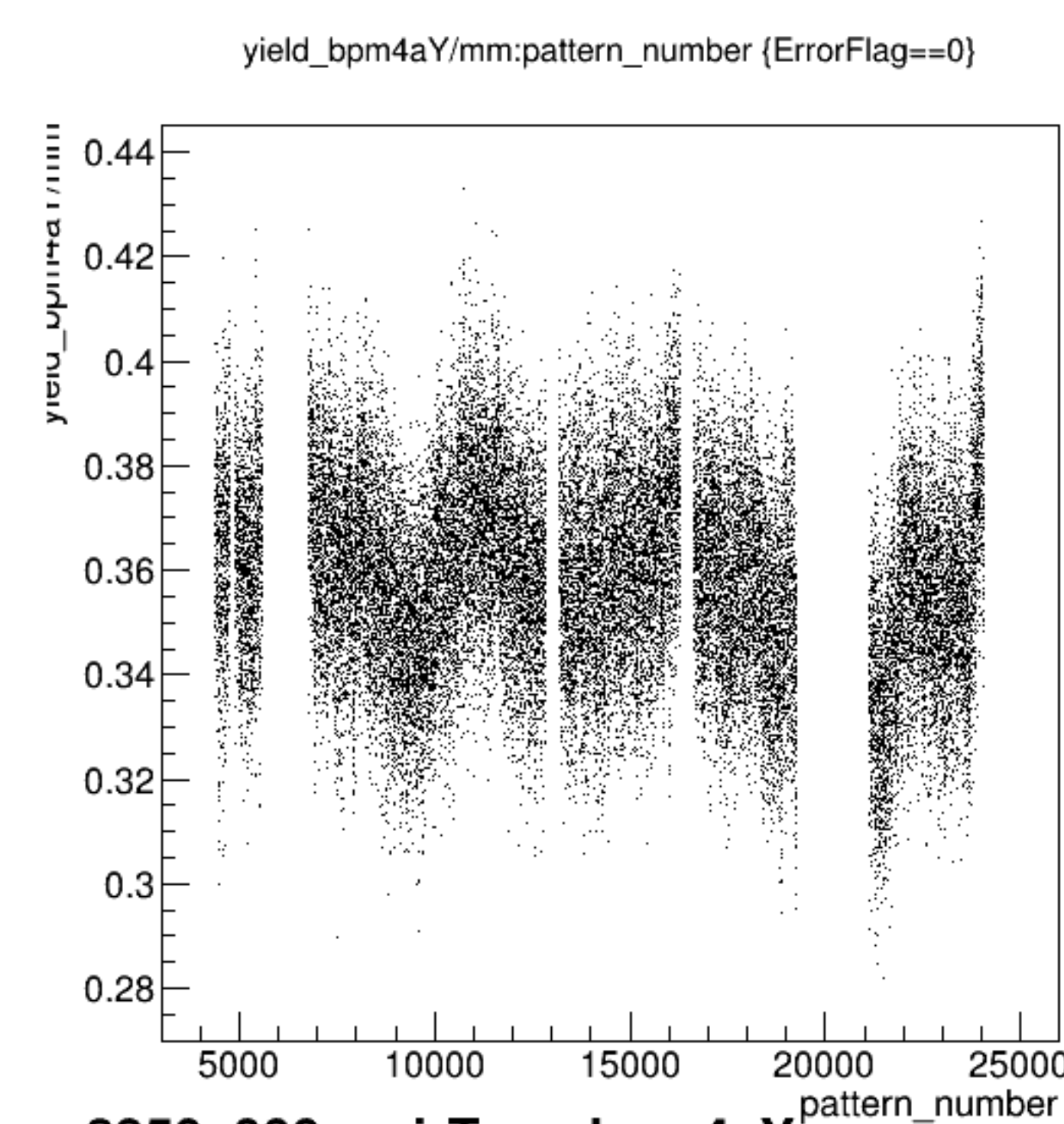
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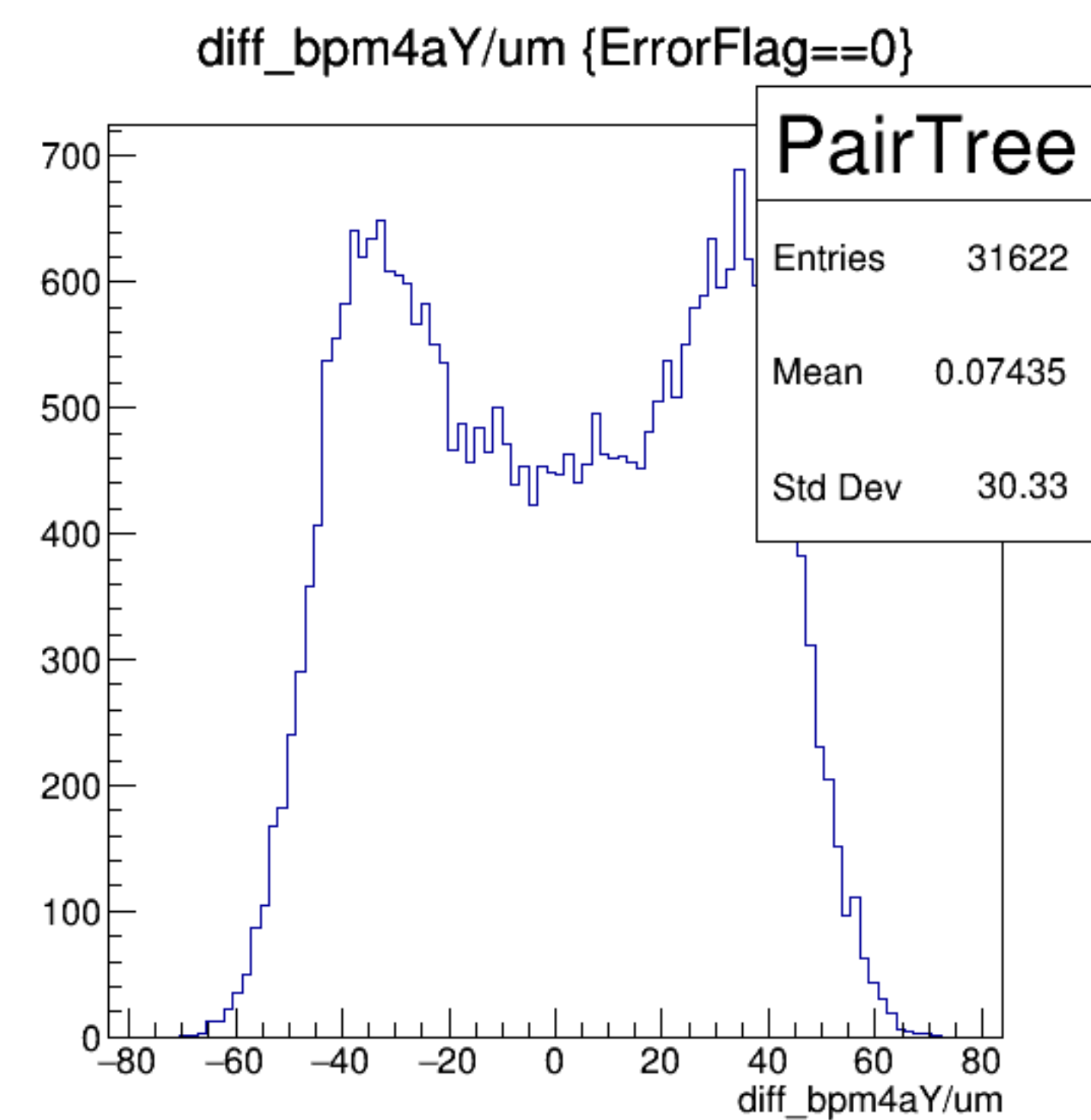
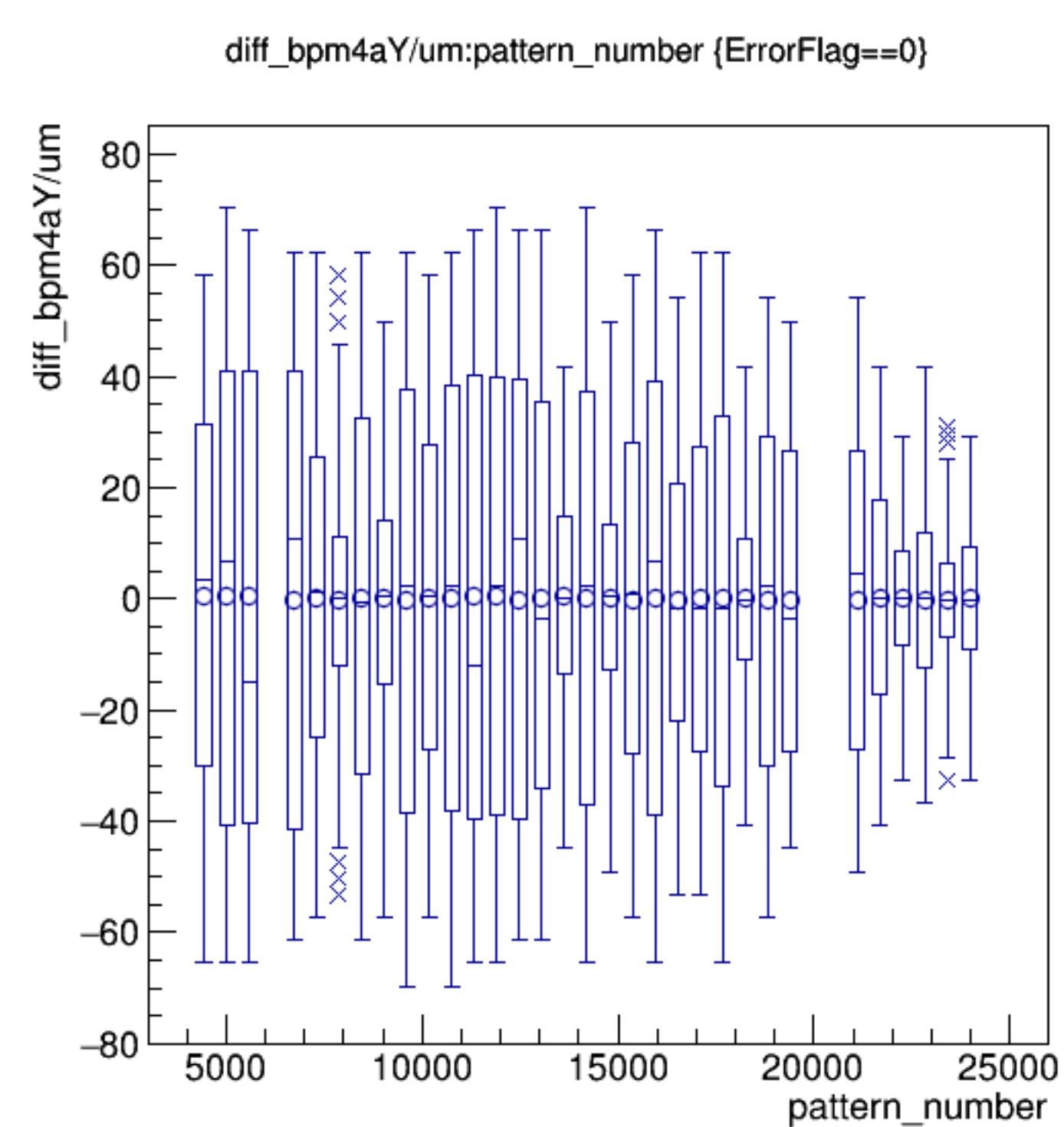
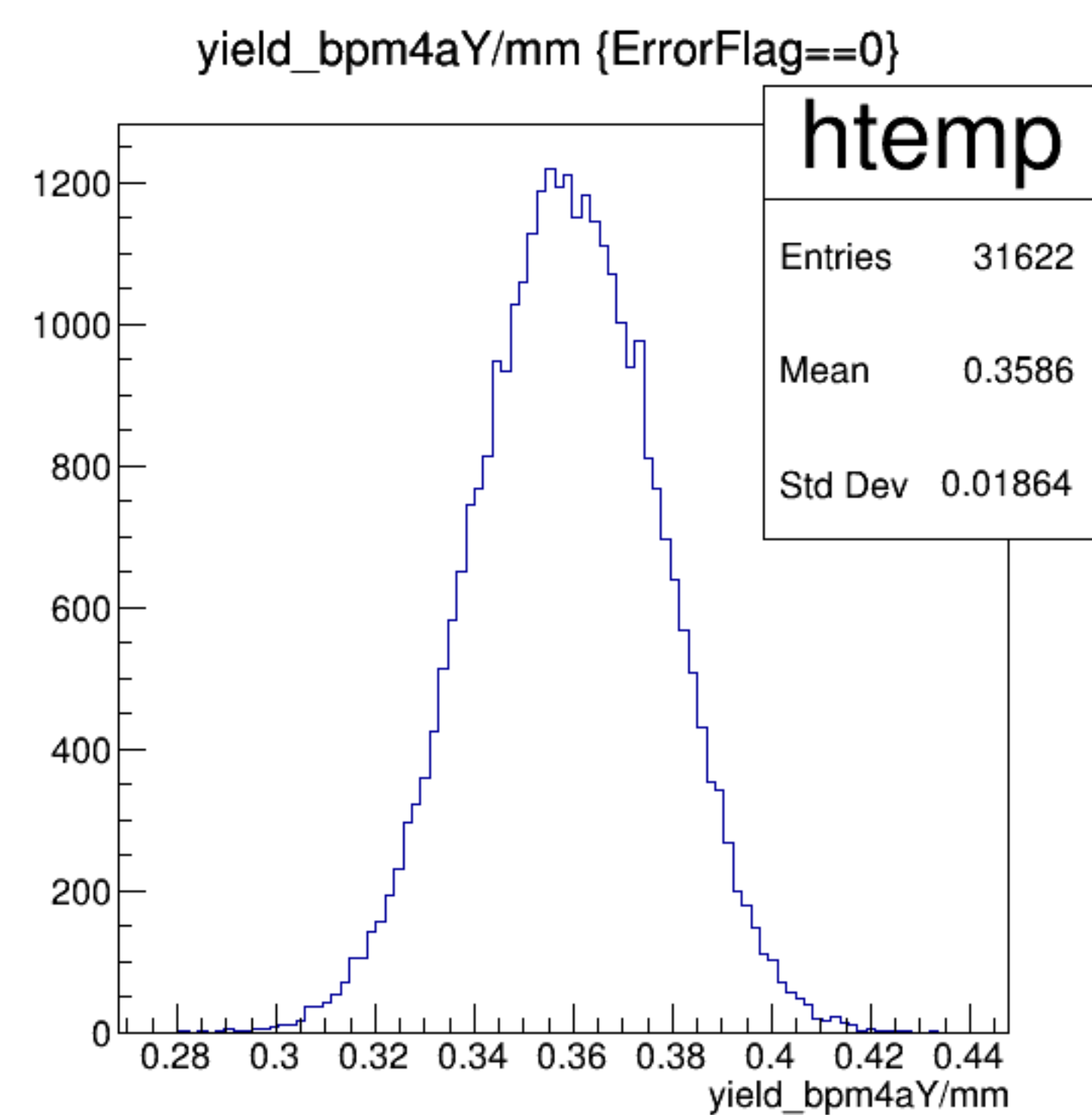


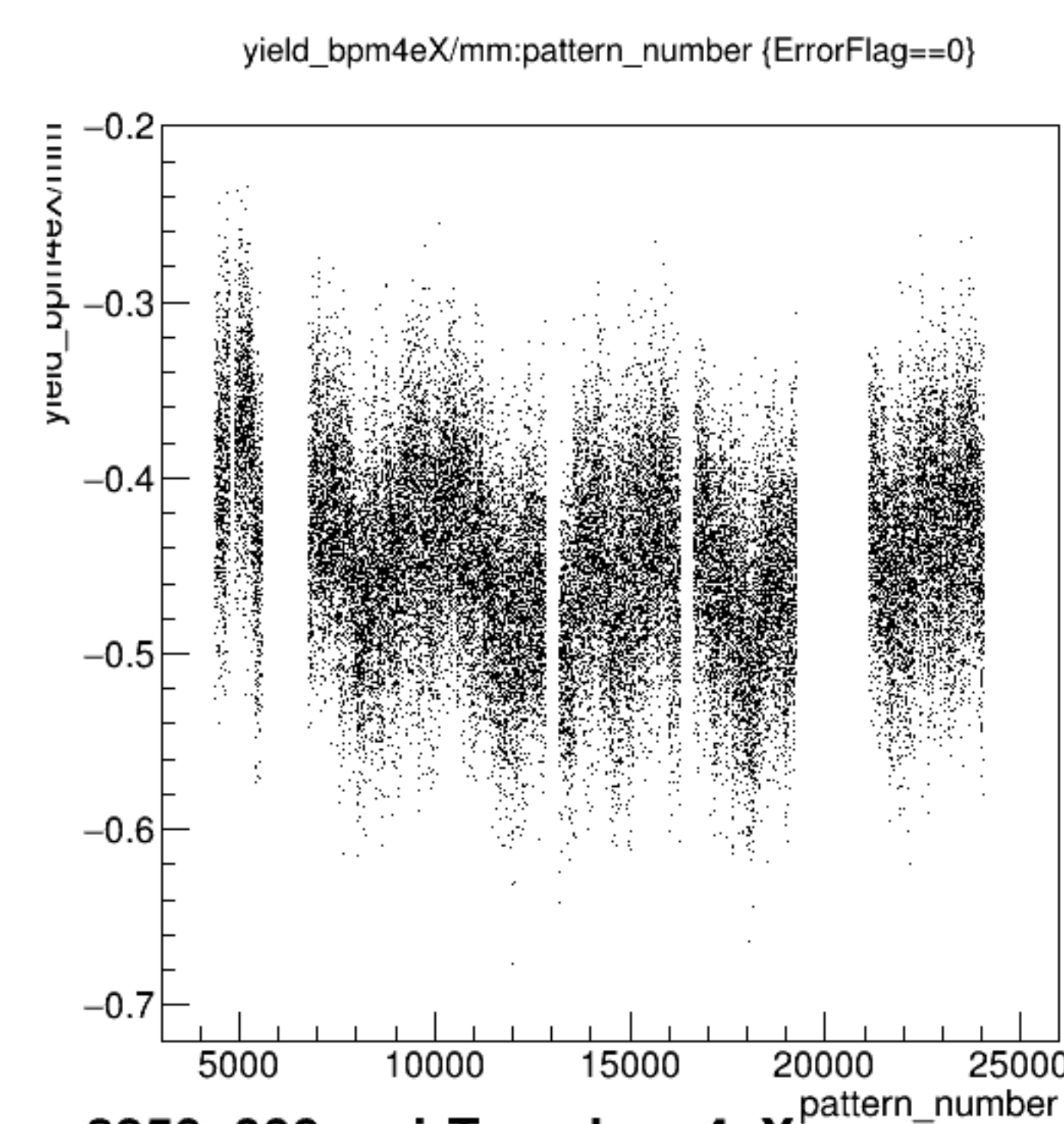
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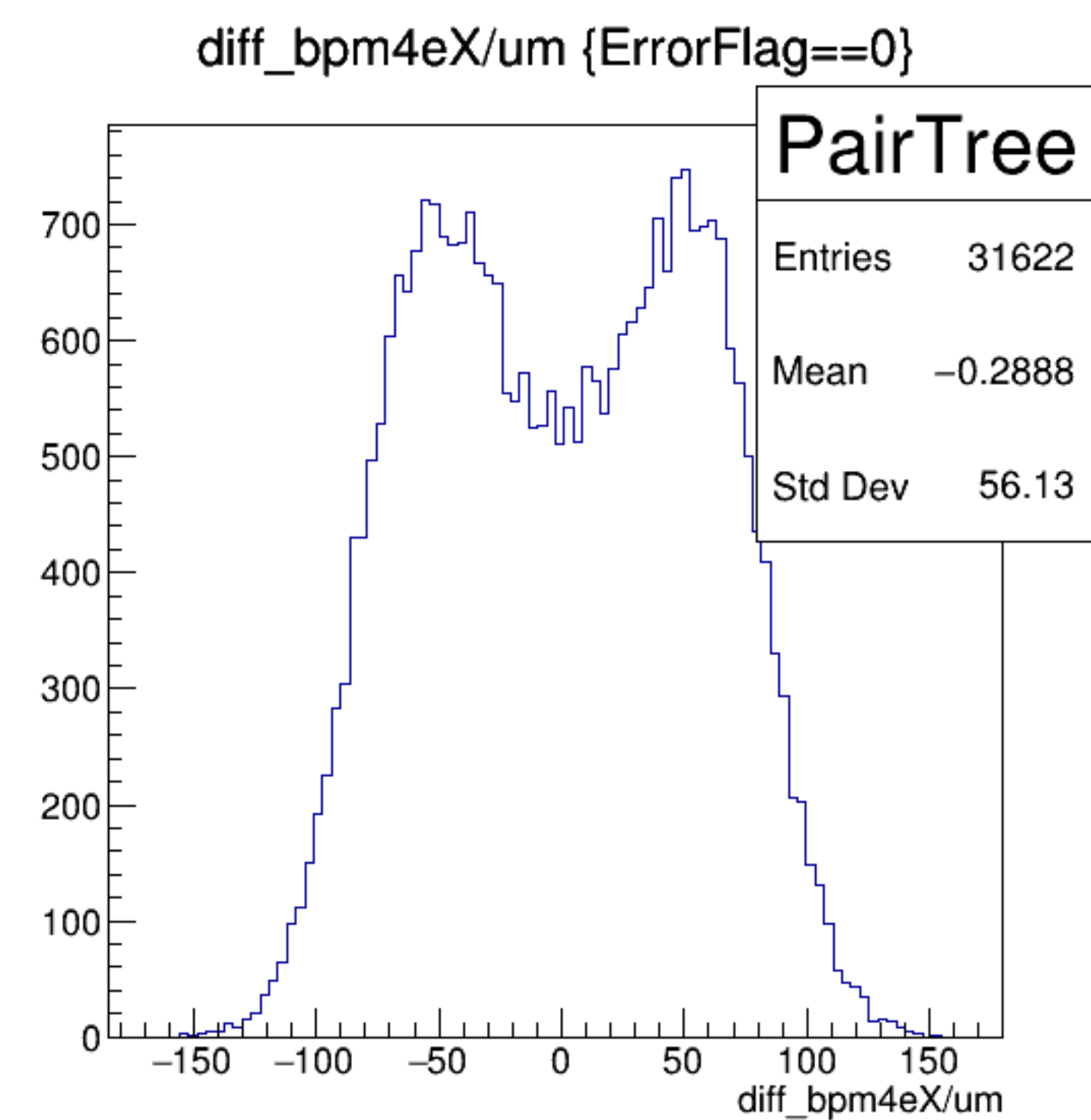
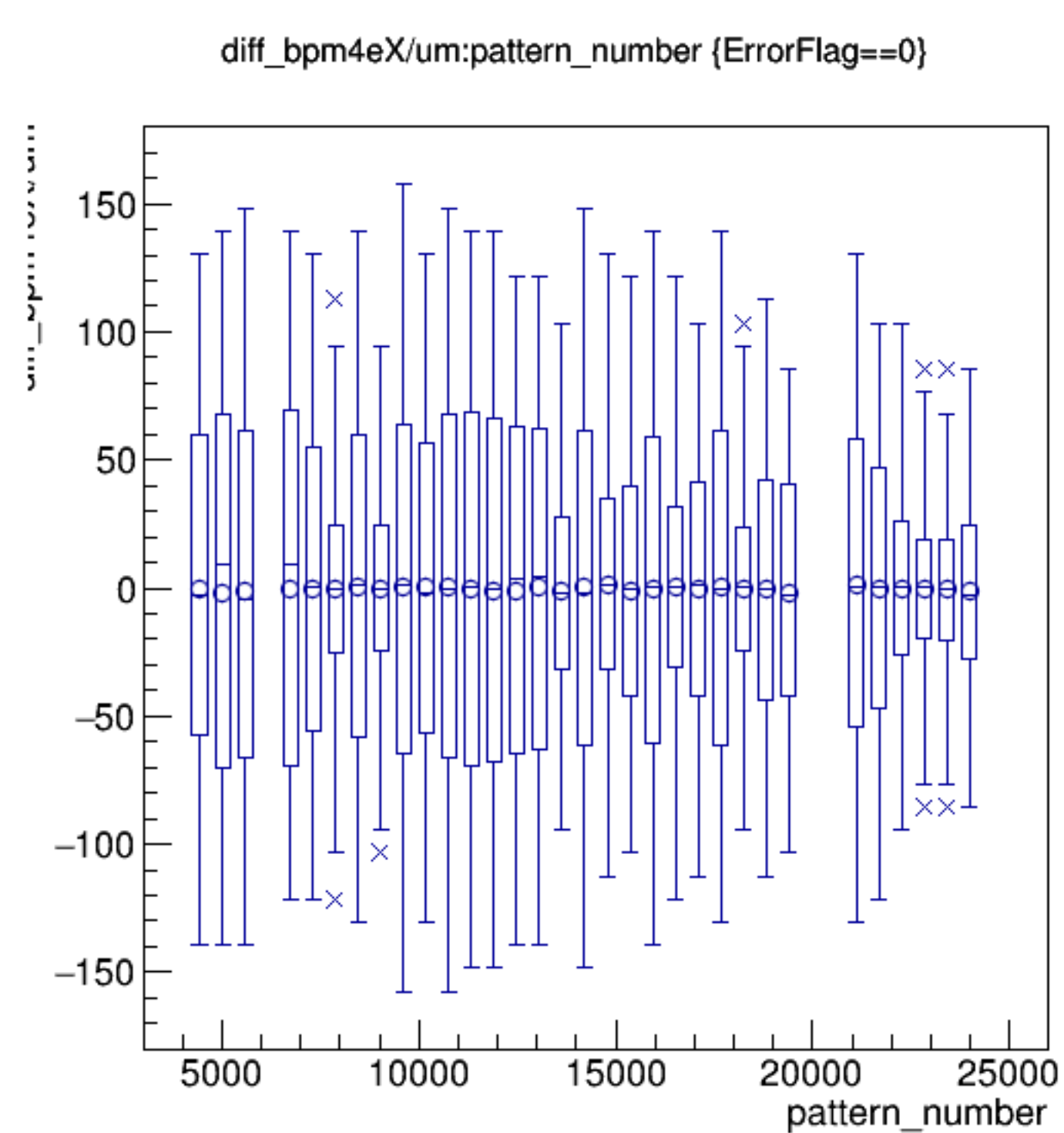
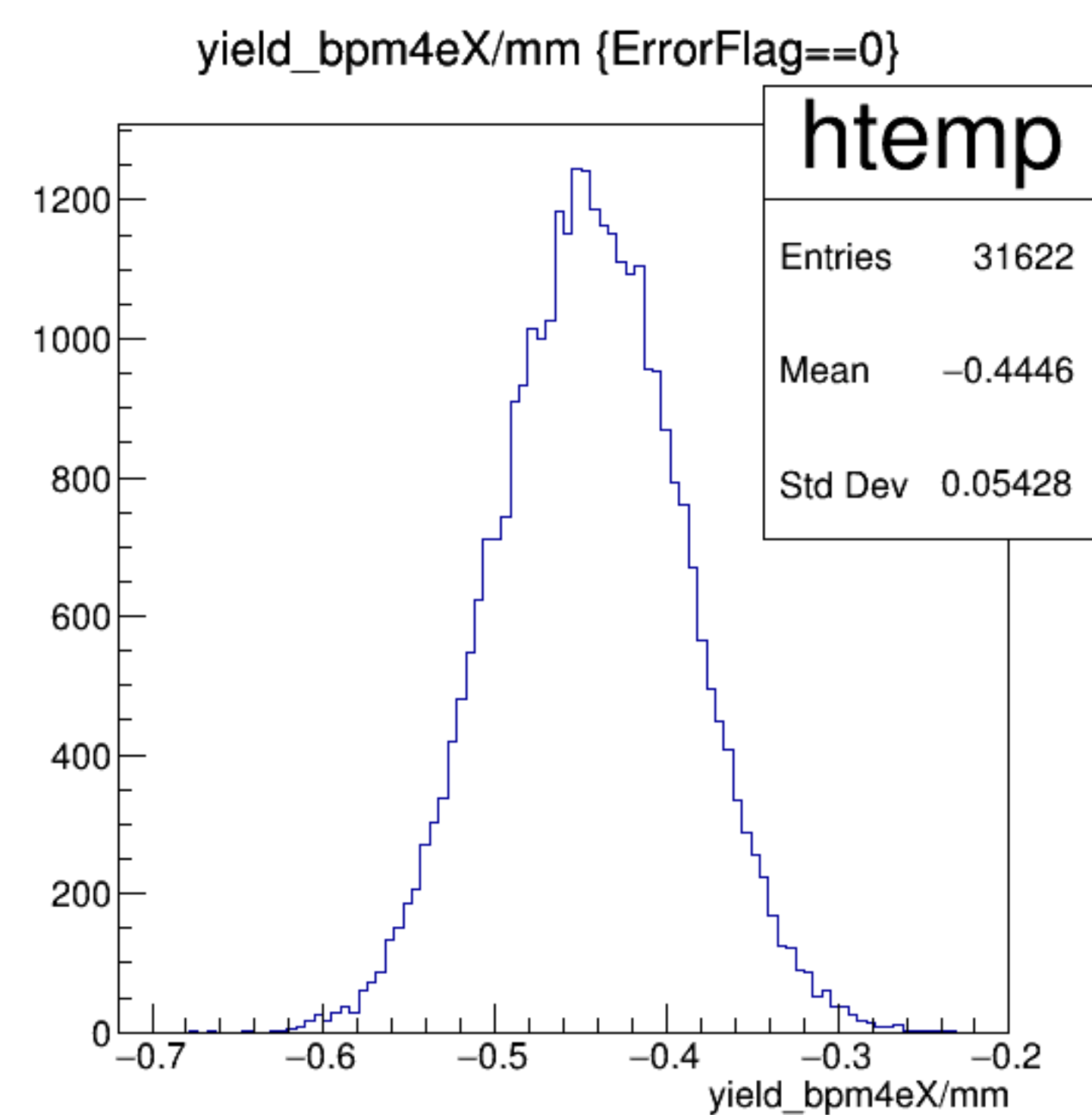


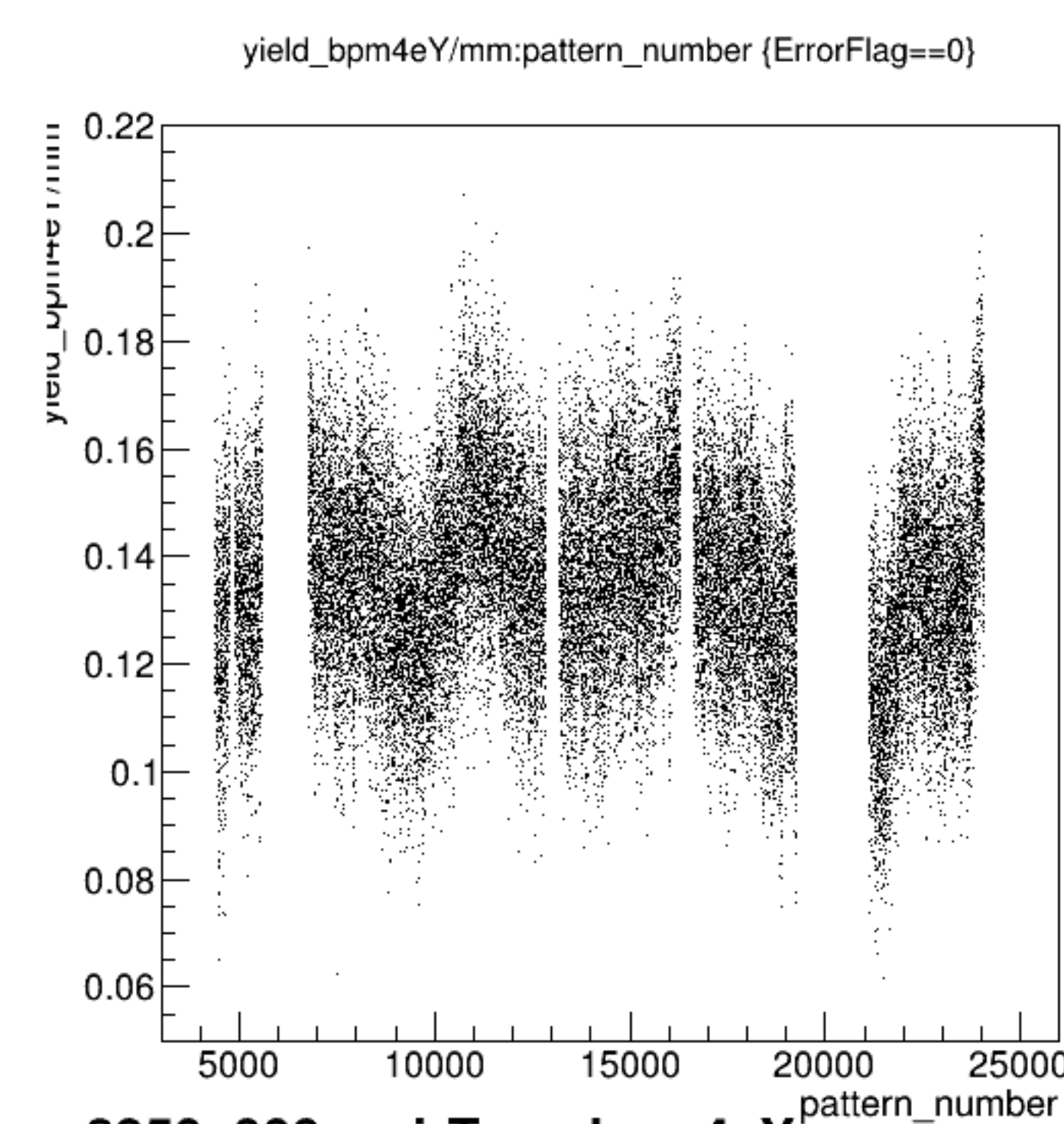
run8350_000_pairTree_bpm4aY.png



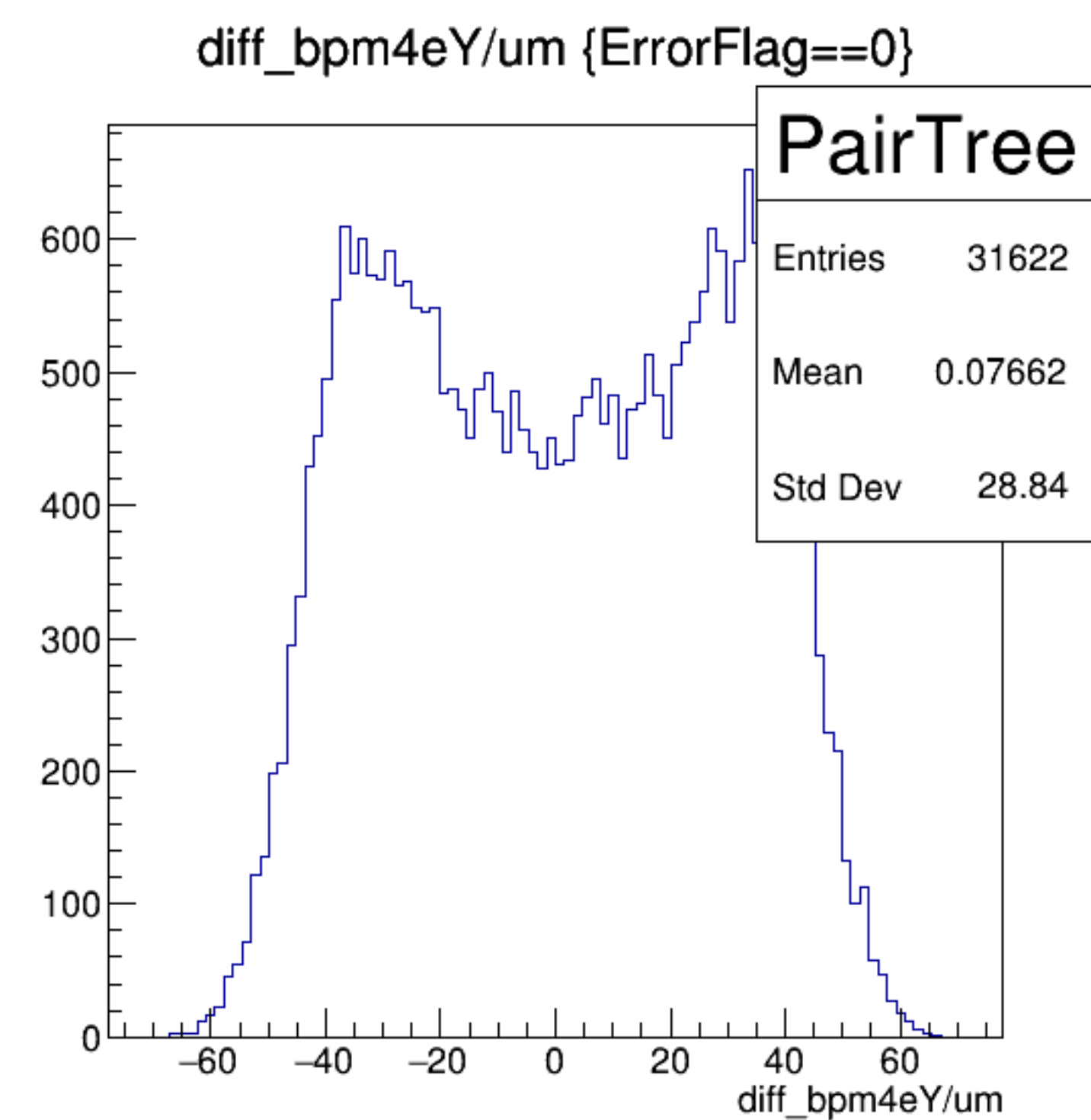
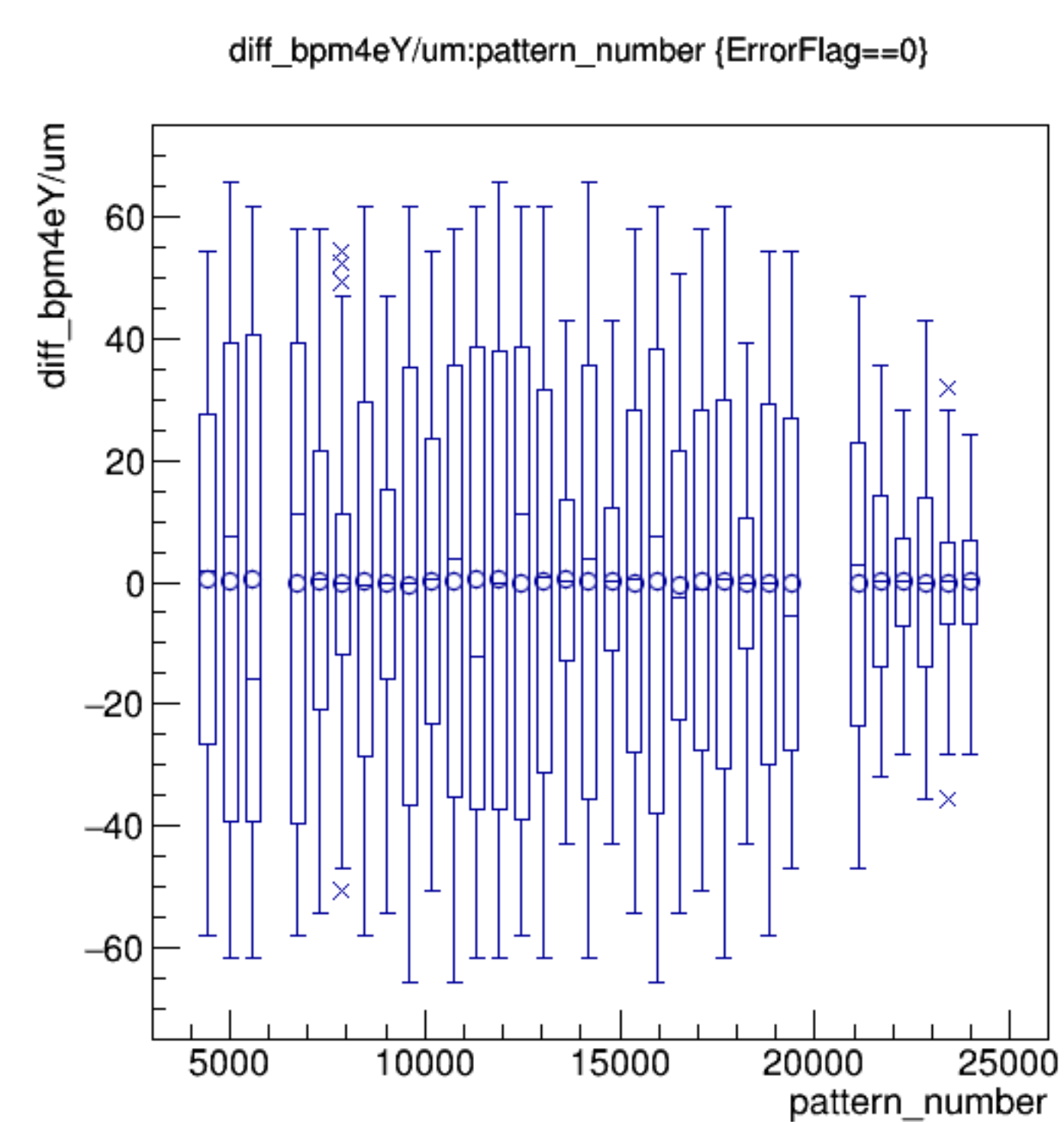
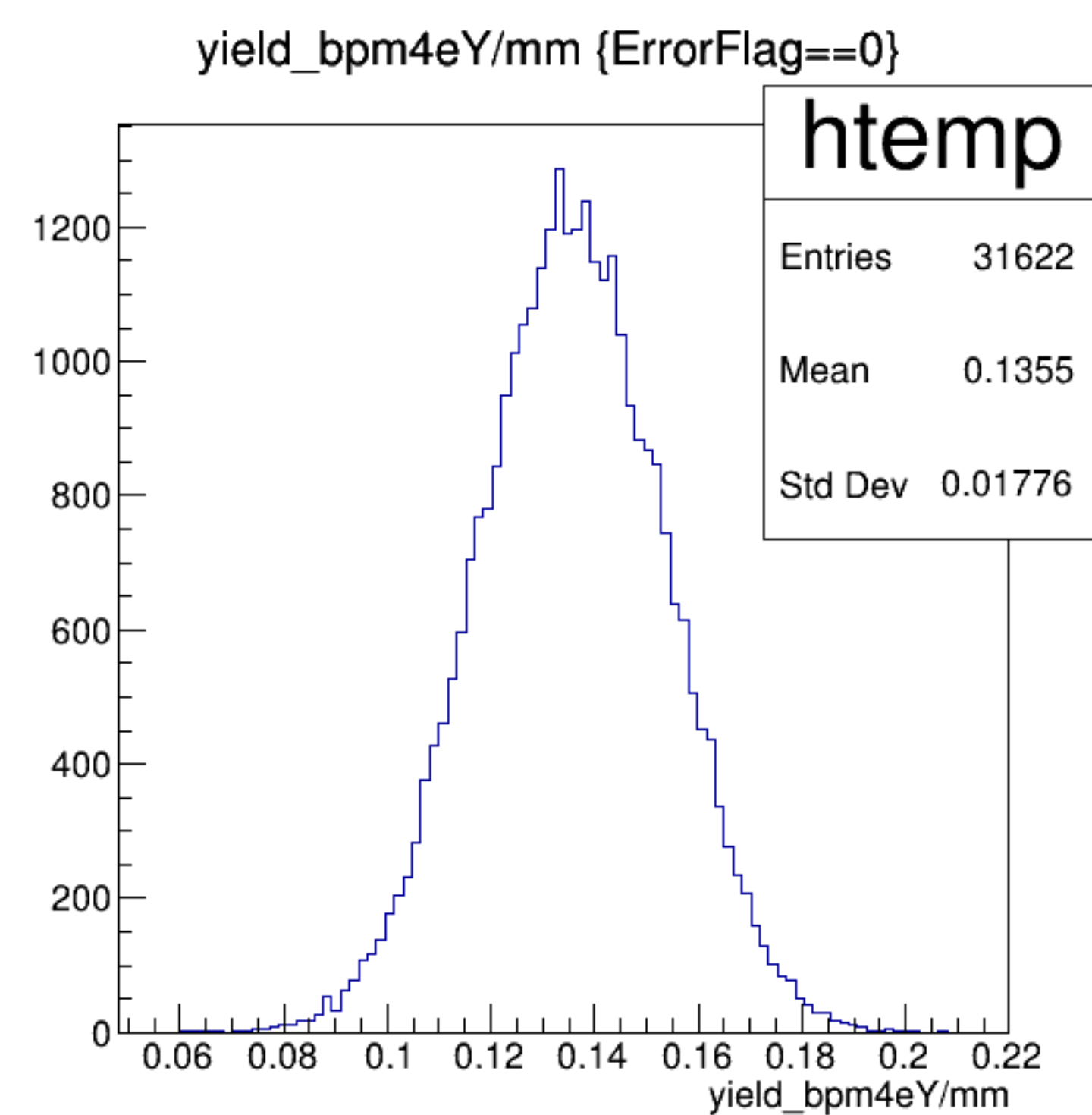


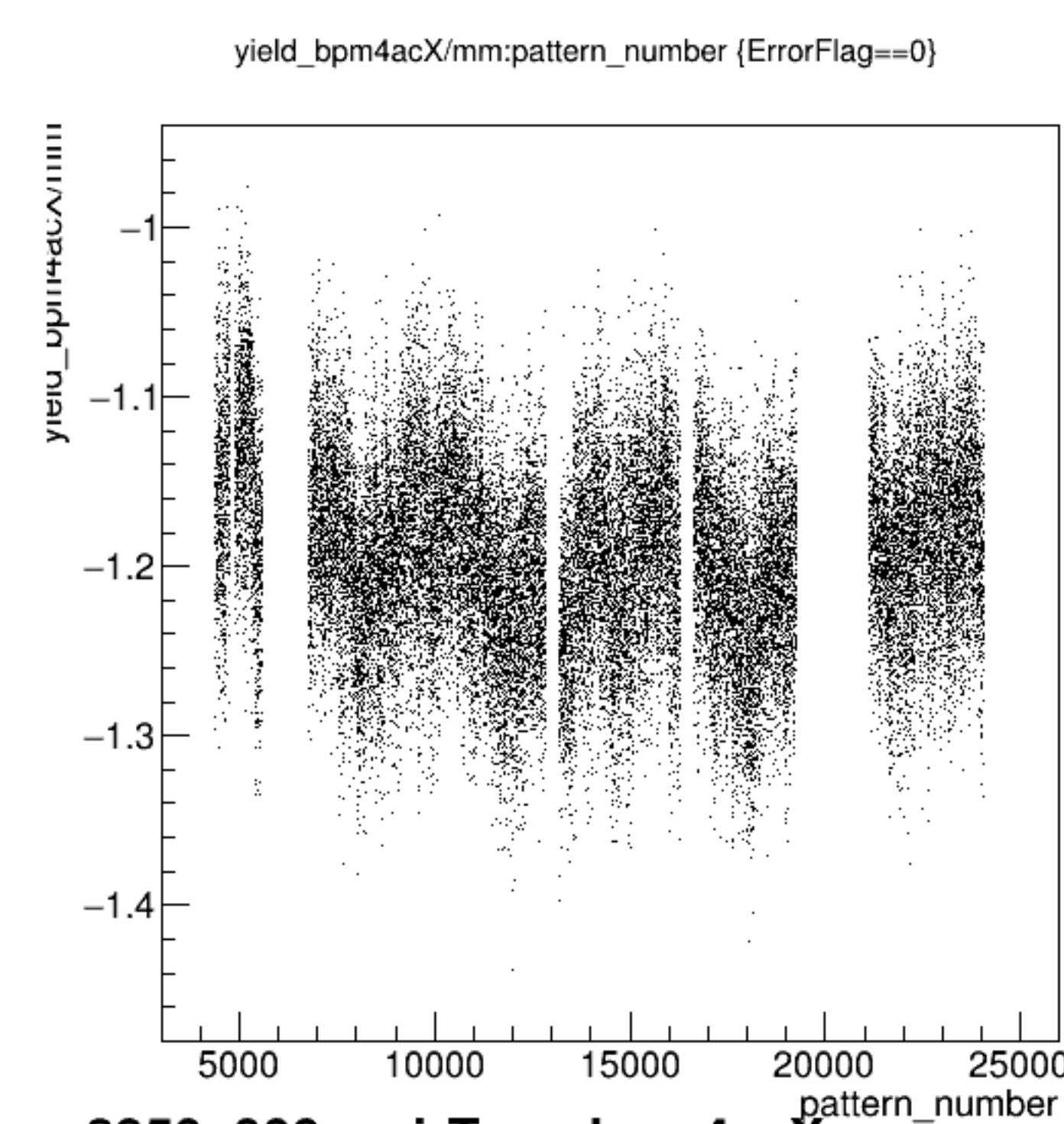
run8350_000_pairTree_bpm4eX.png



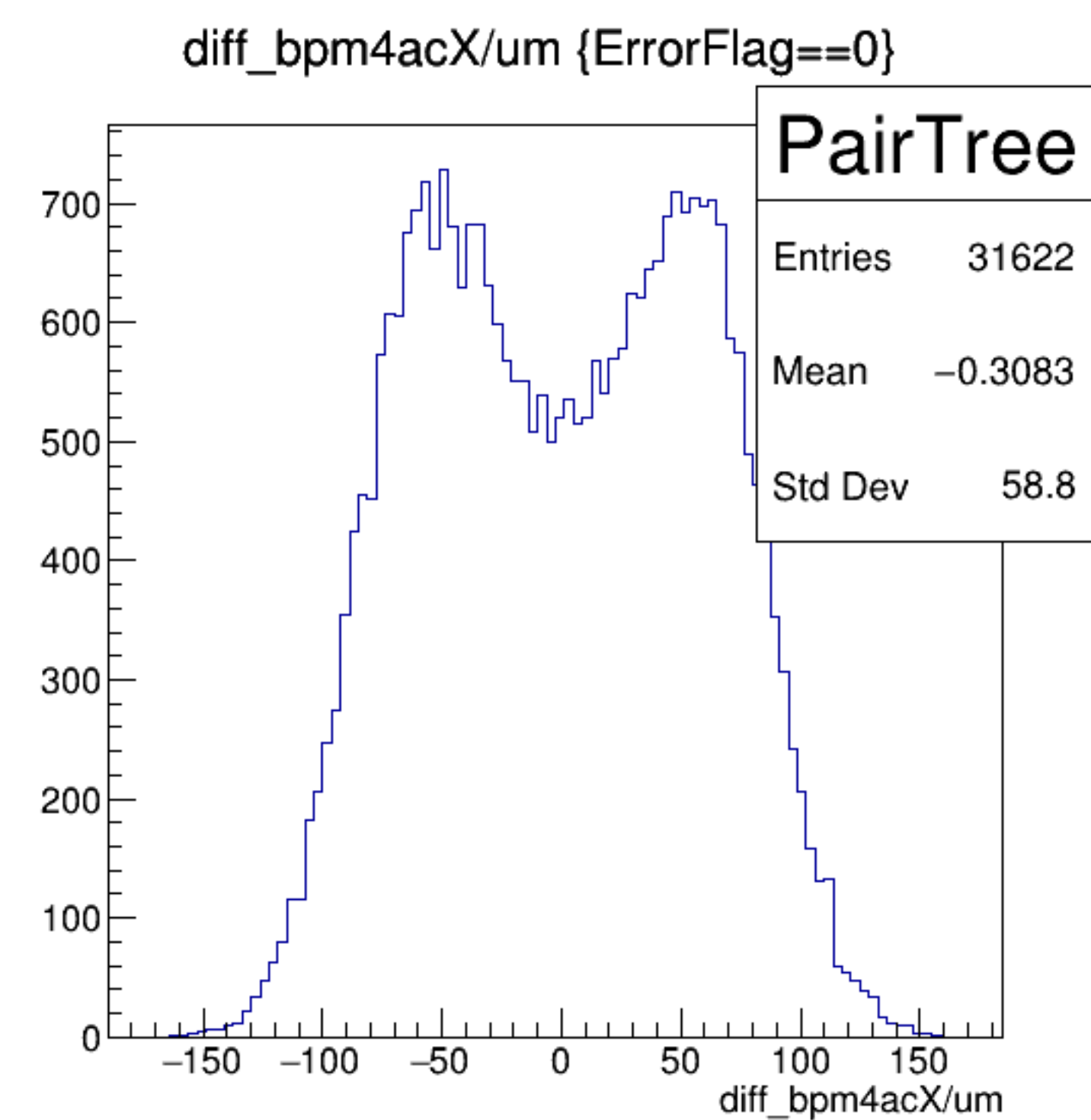
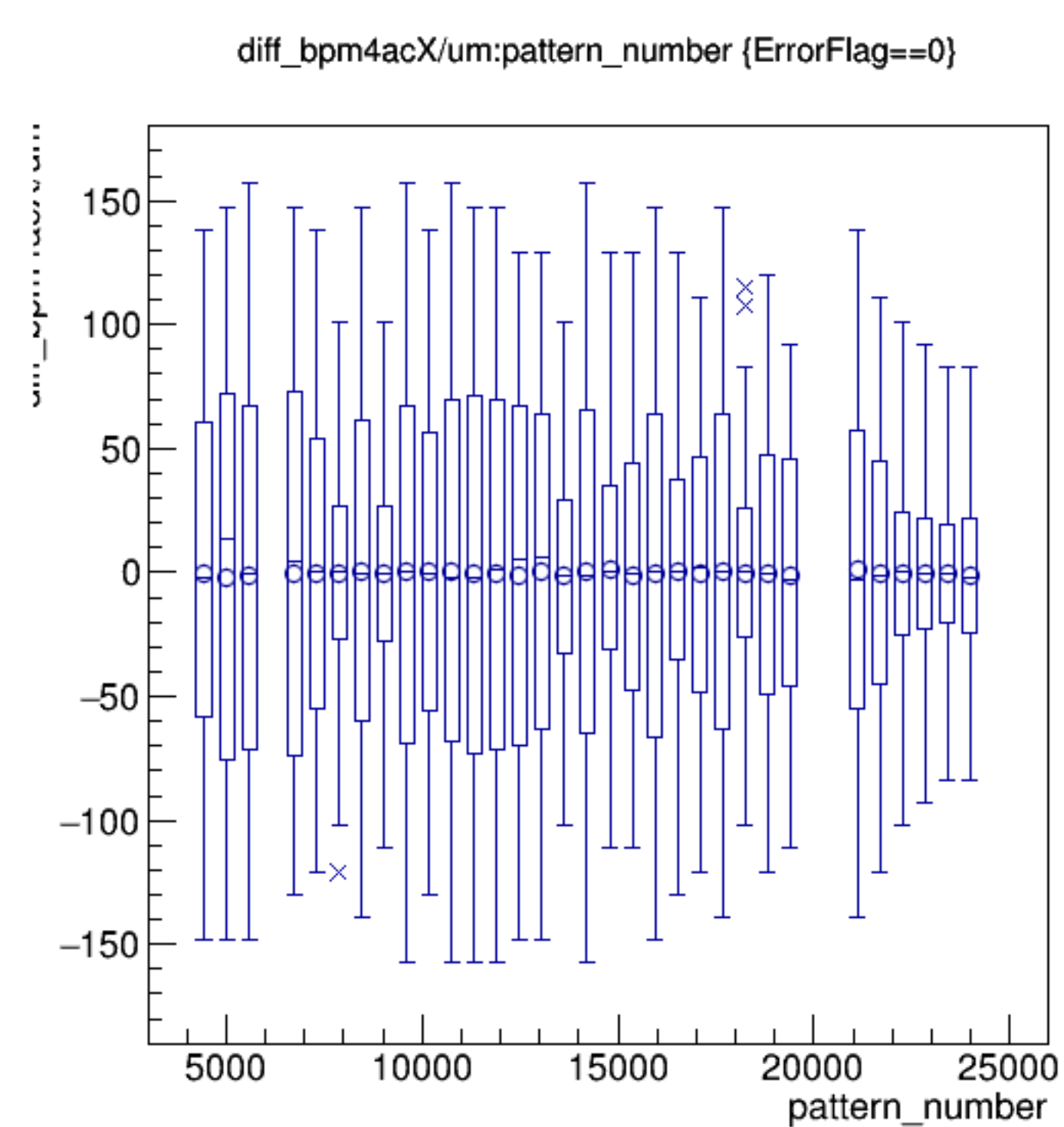
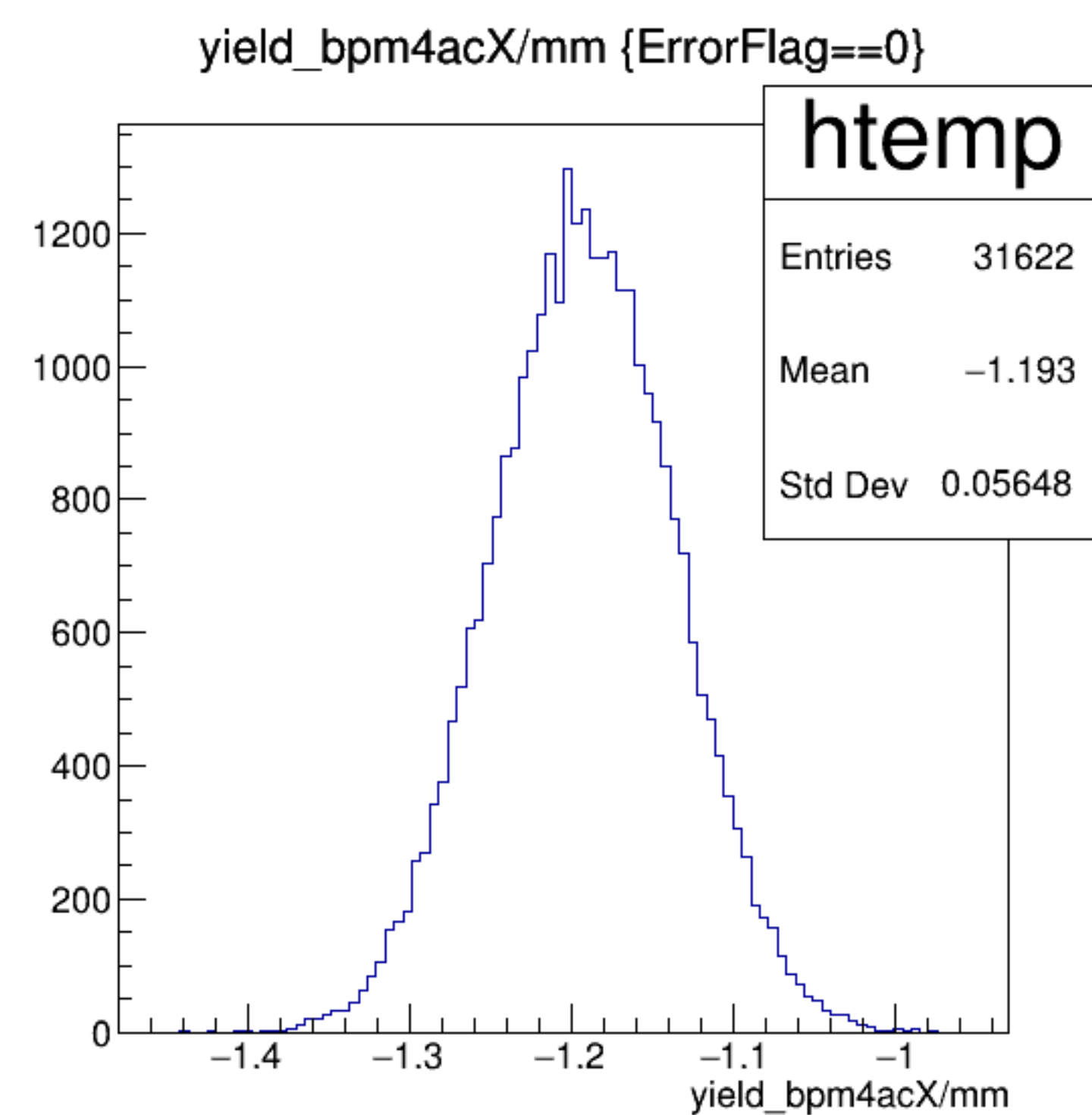


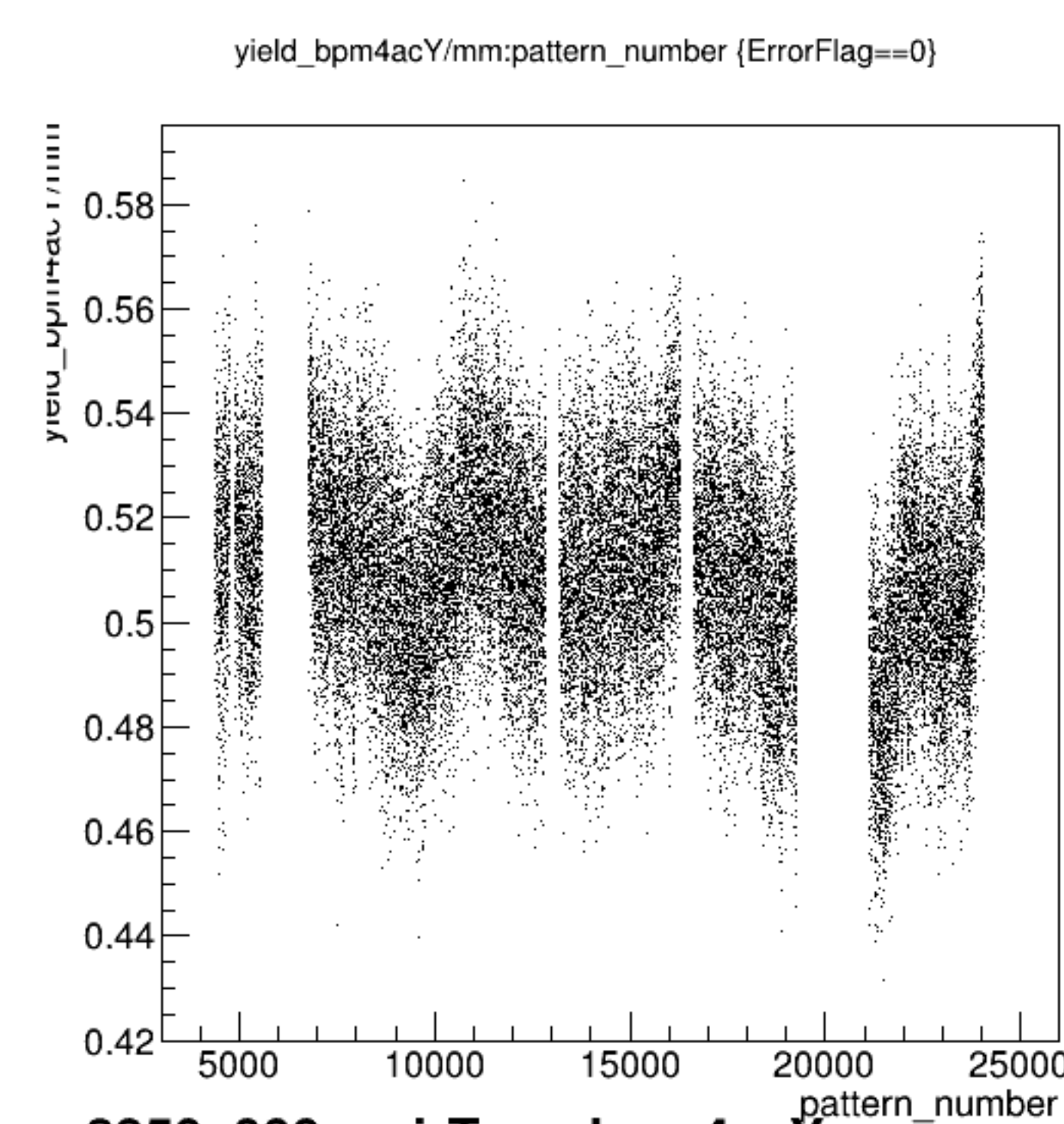
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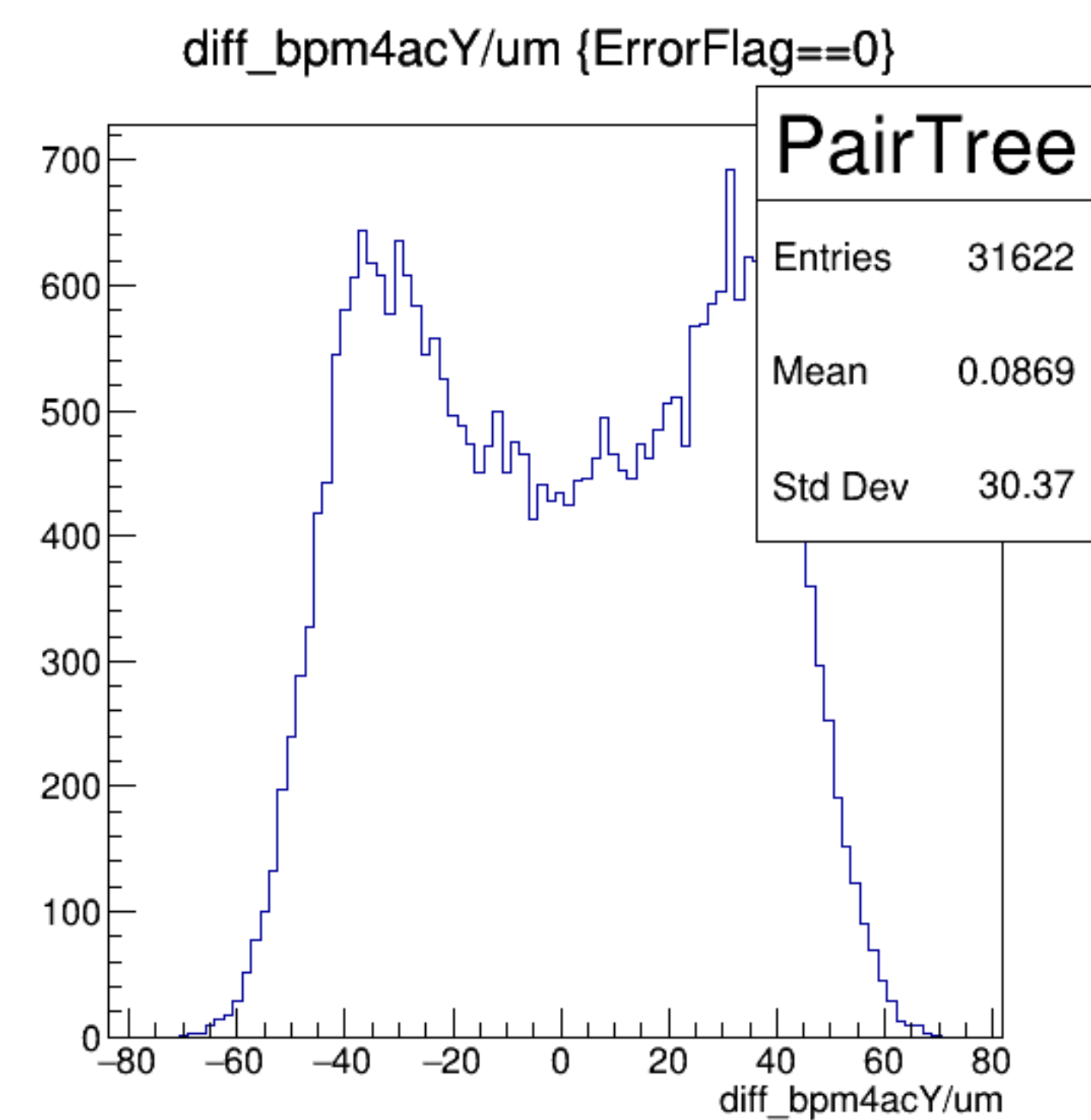
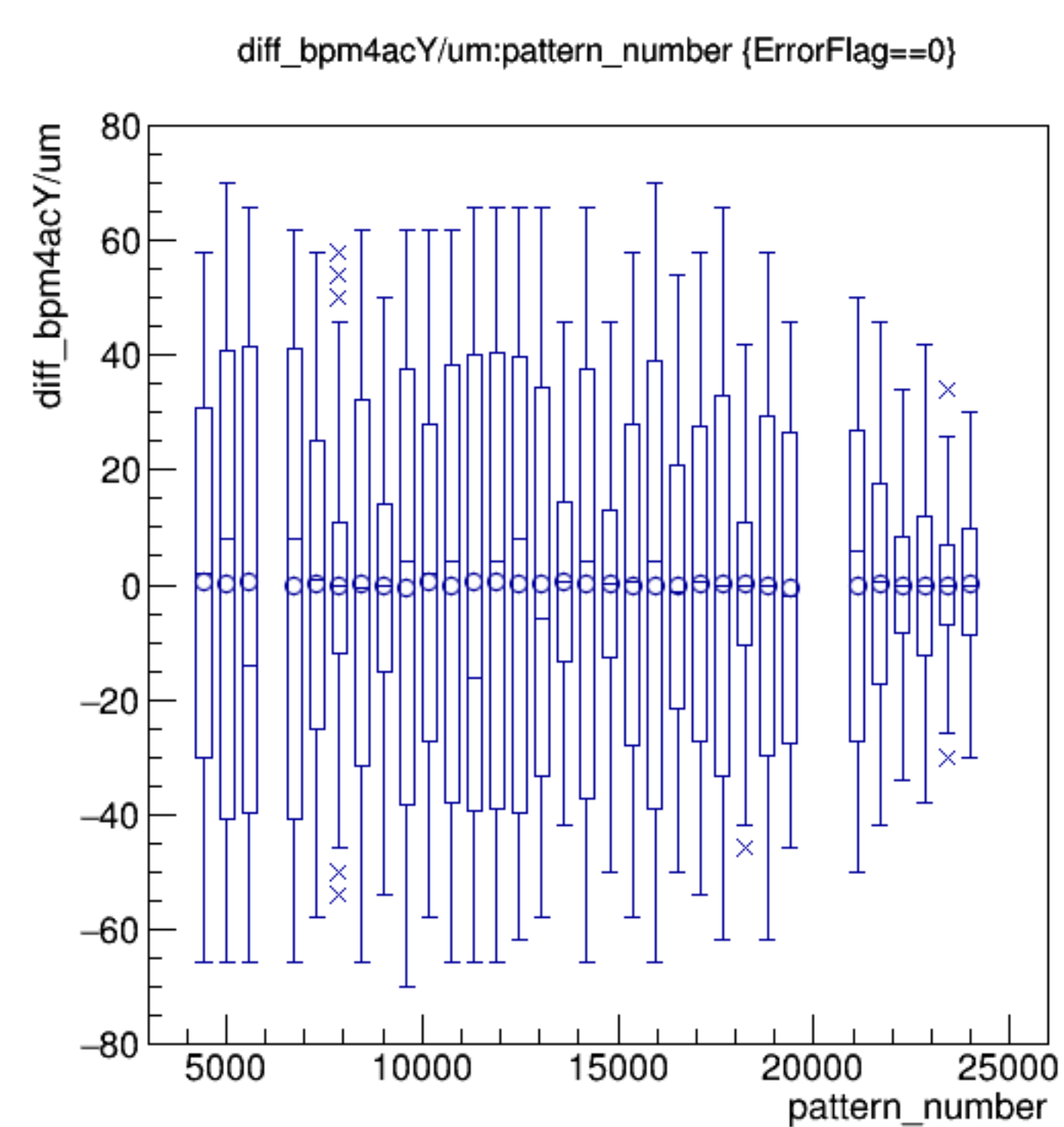
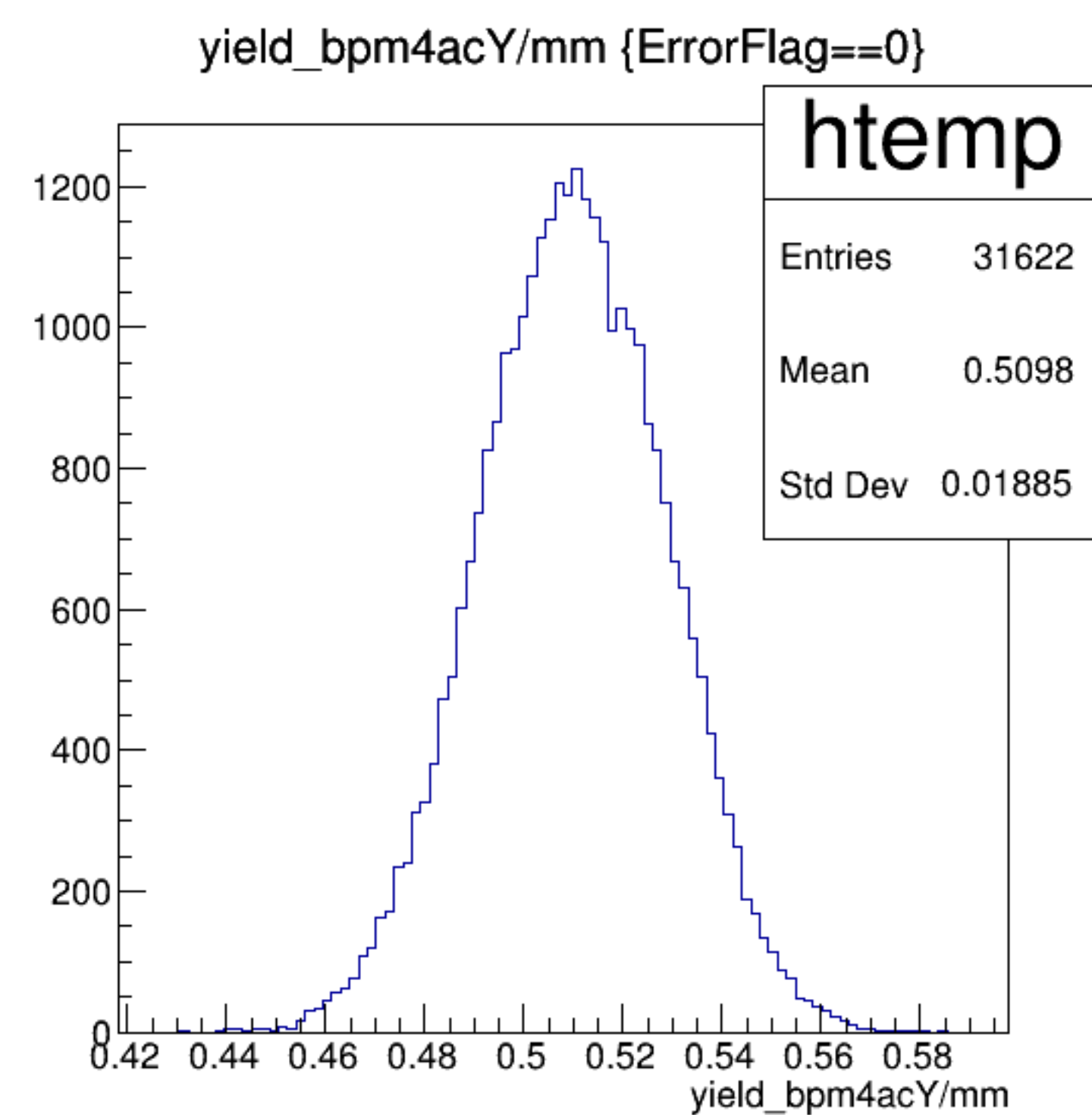


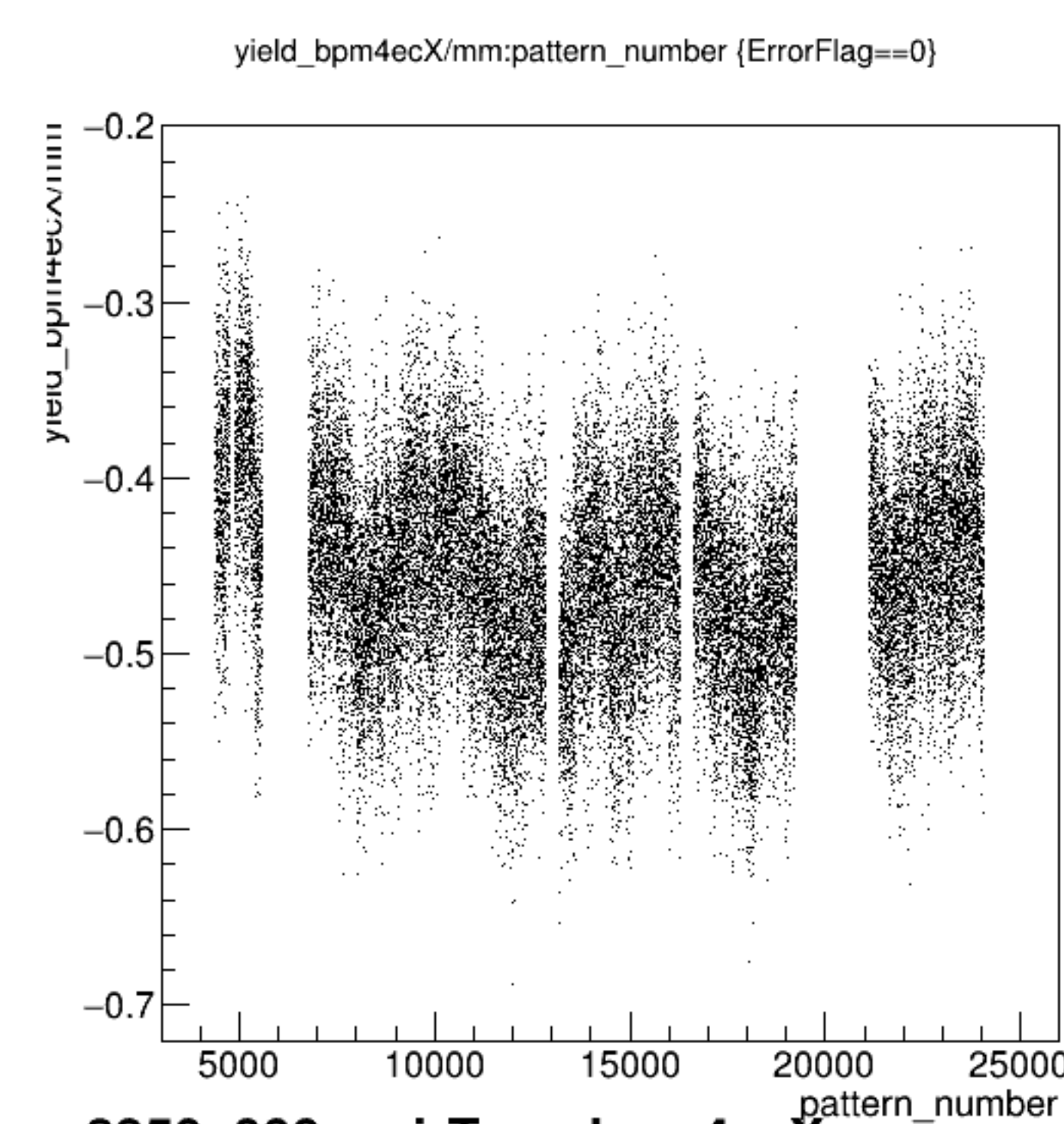
run8350_000_pairTree_bpm4acX.png



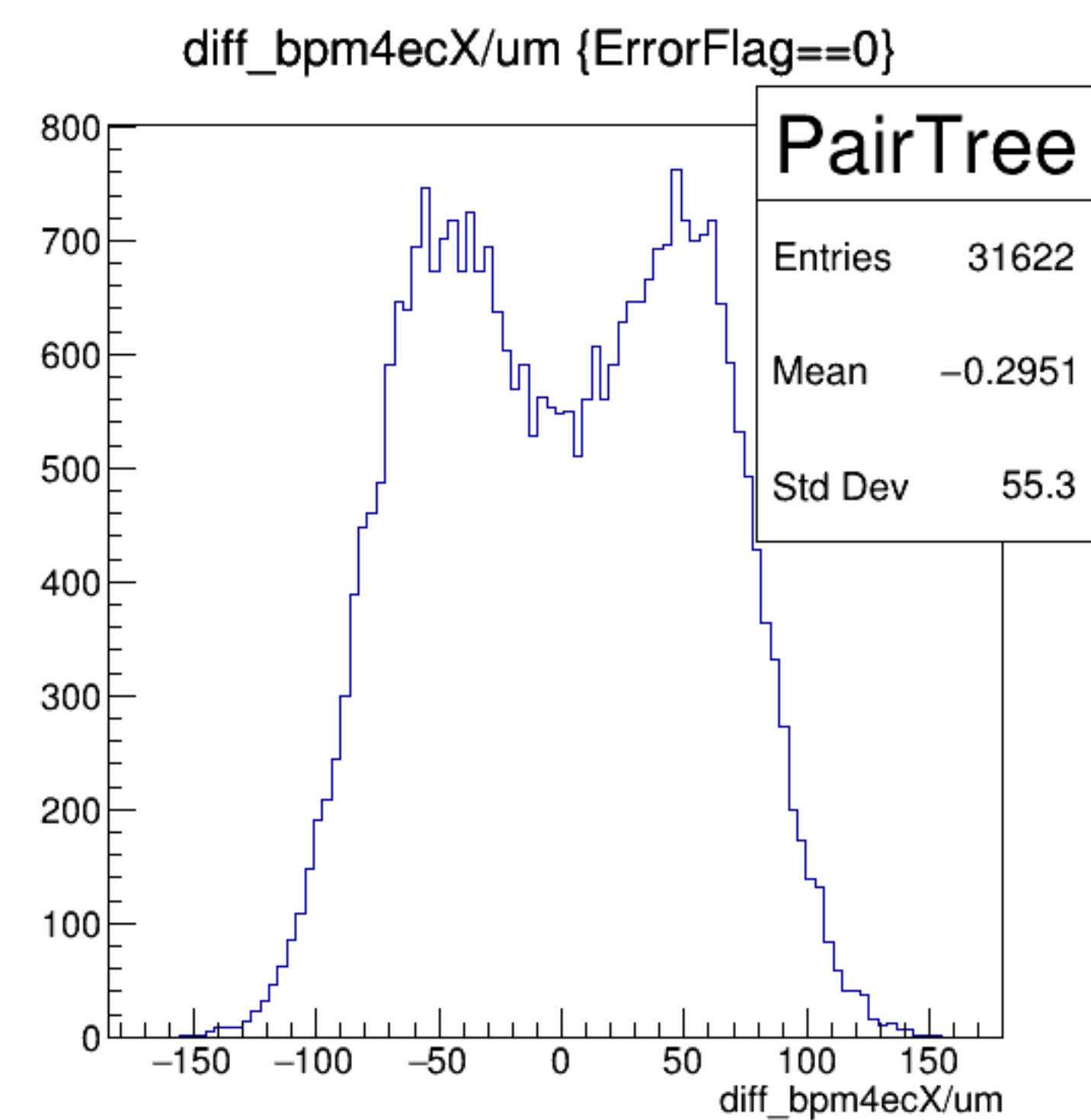
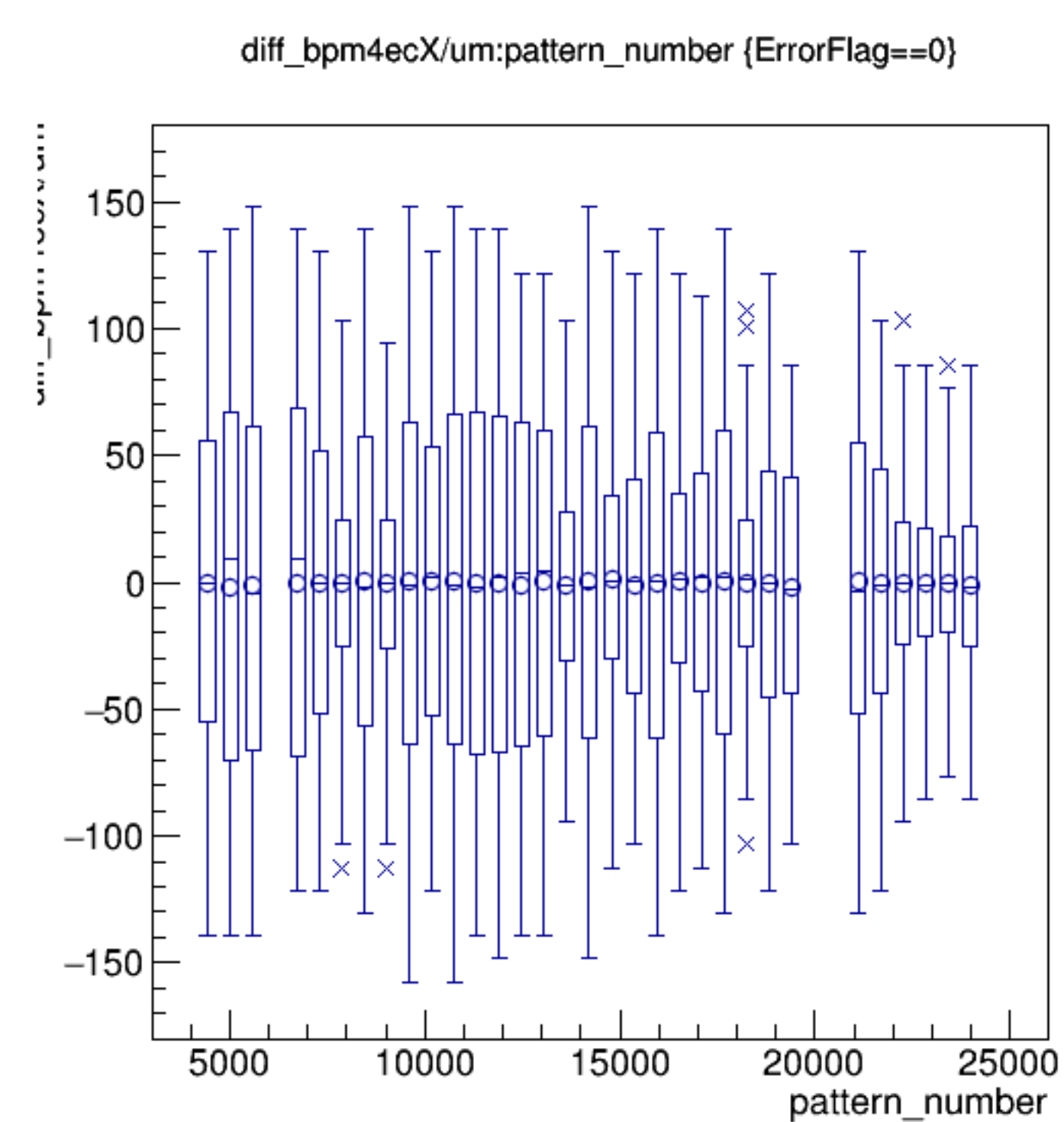
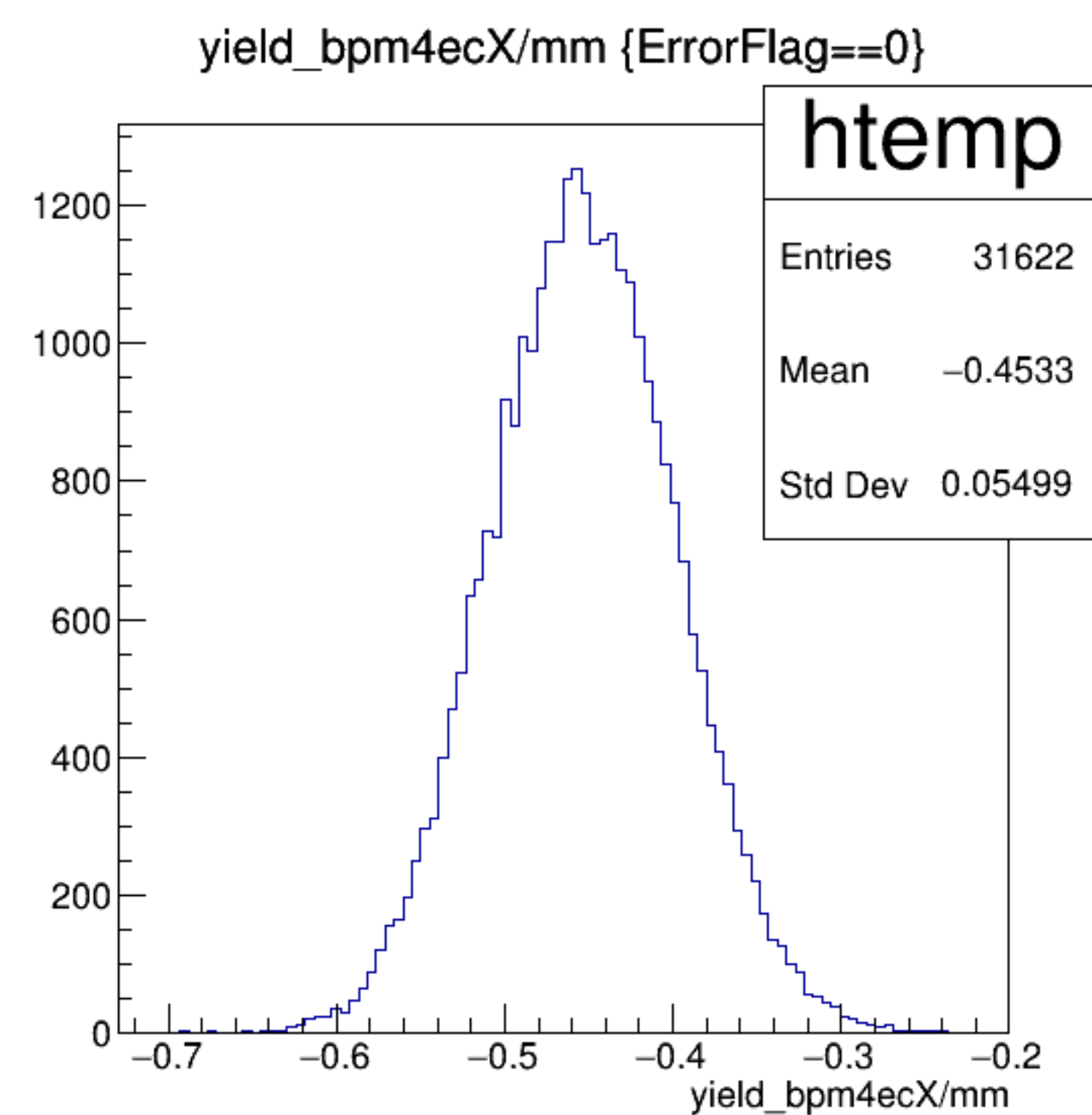


run8350_000_pairTree_bpm4acY.png

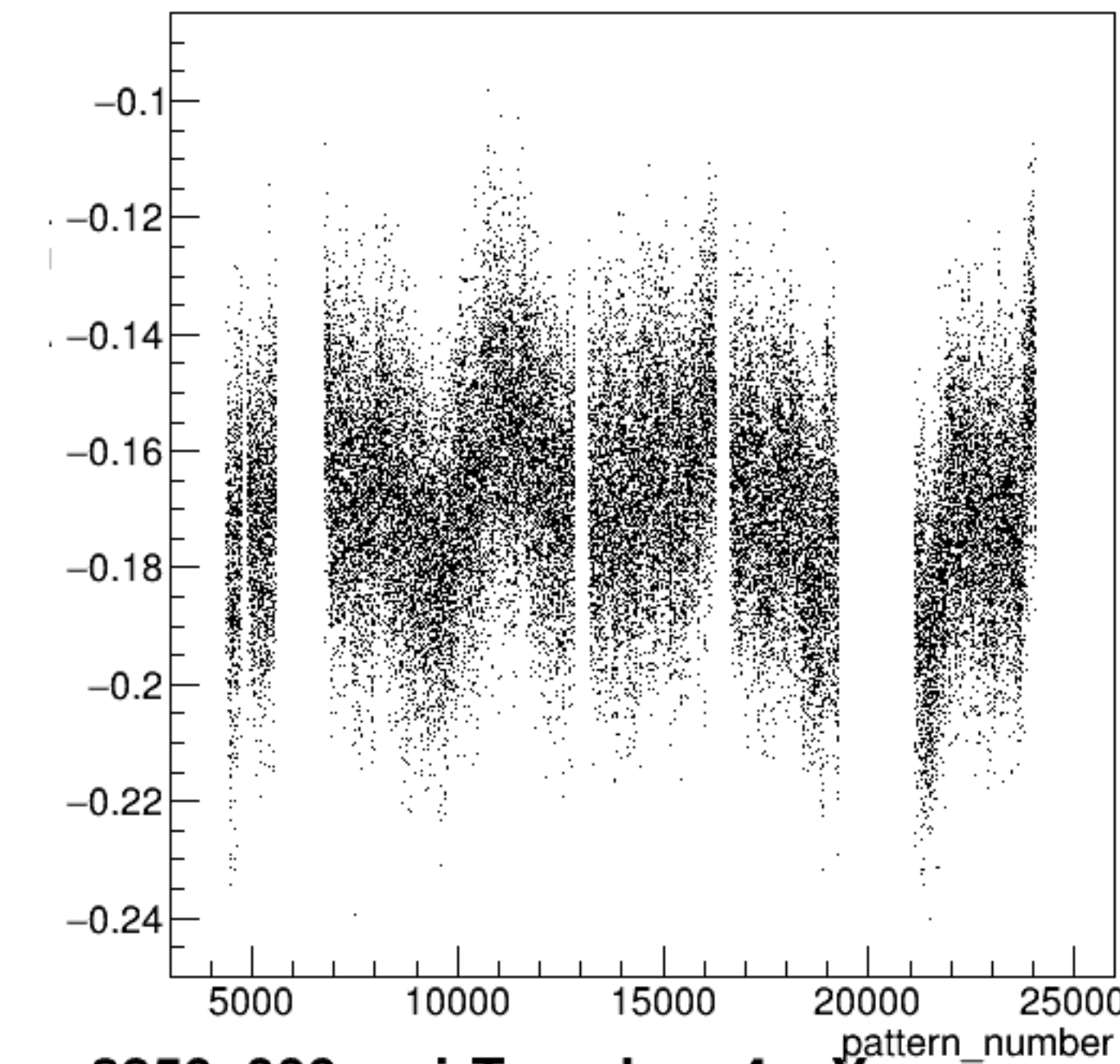




run8350_000_pairTree_bpm4ecX.png

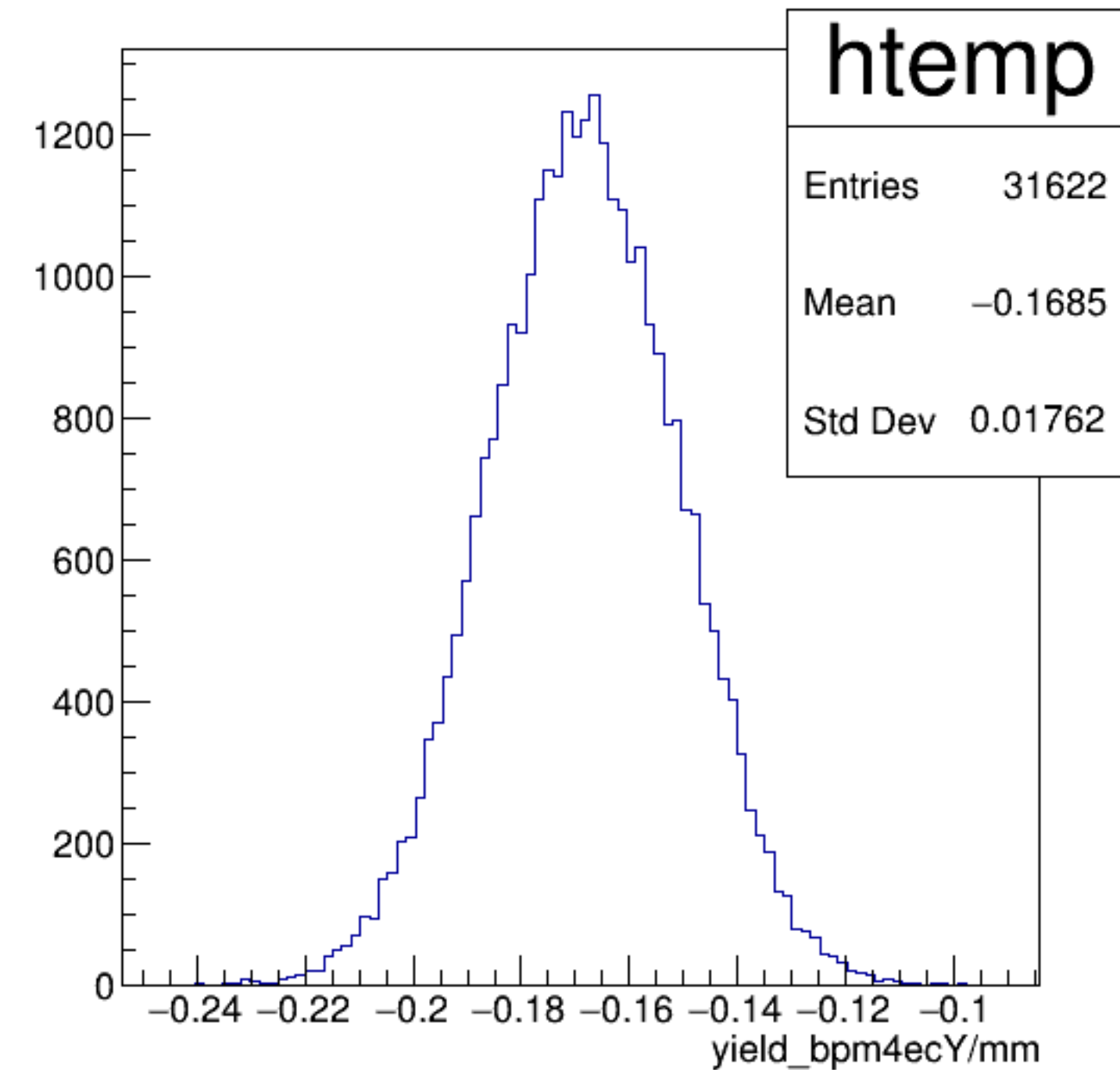


yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}

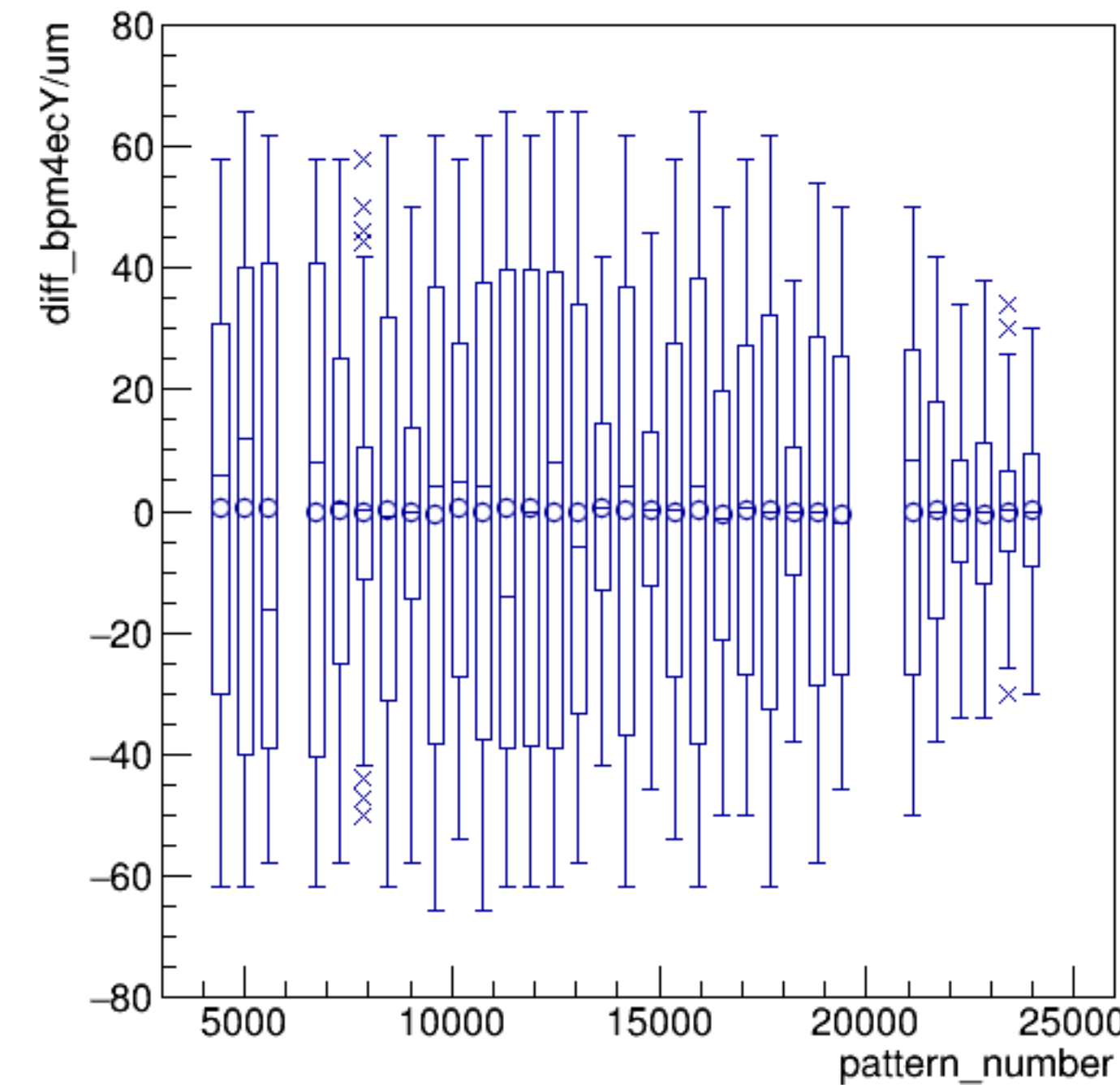


run8350_000_pairTree_bpm4ecY.png

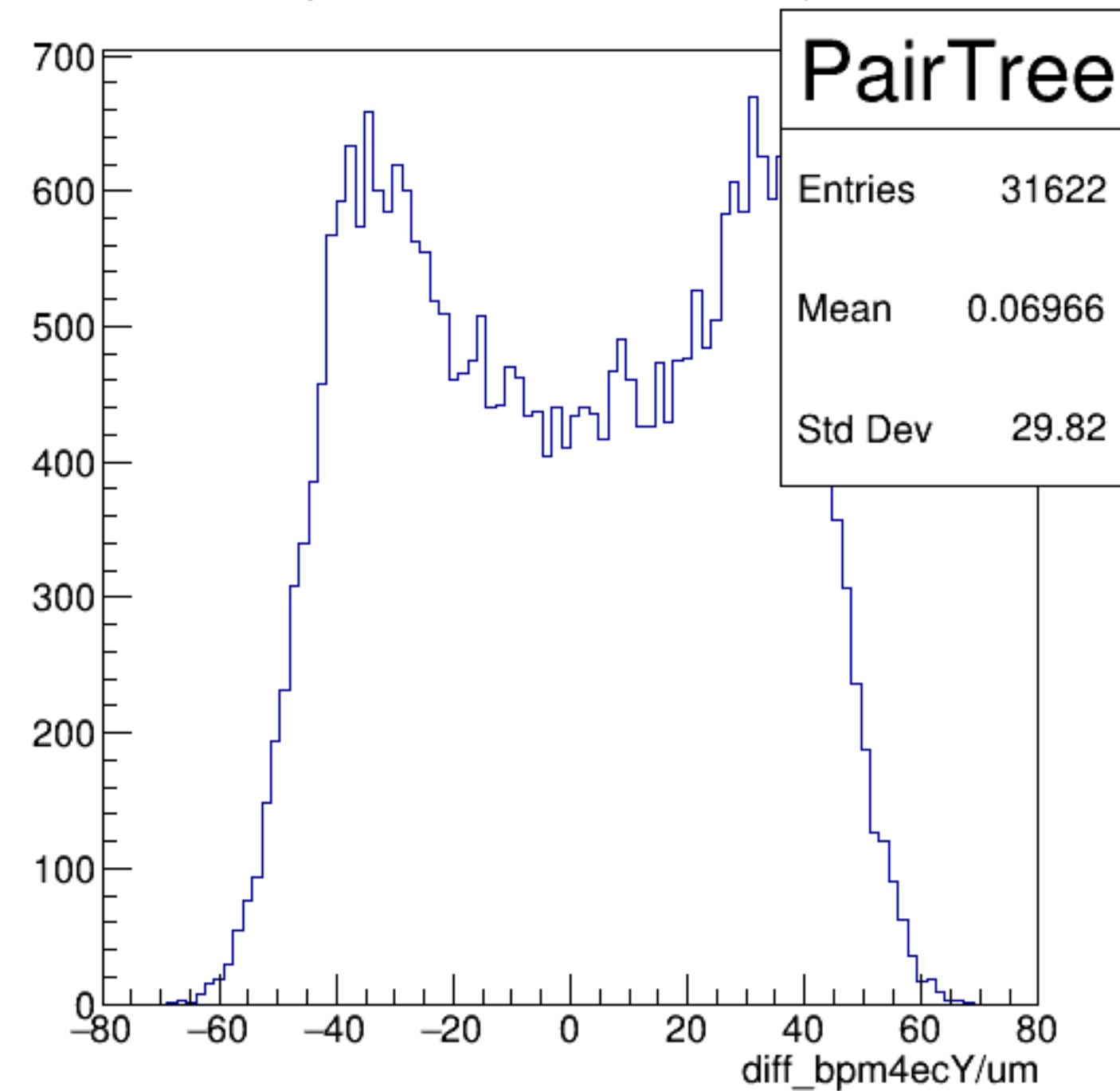
yield_bpm4ecY/mm {ErrorFlag==0}



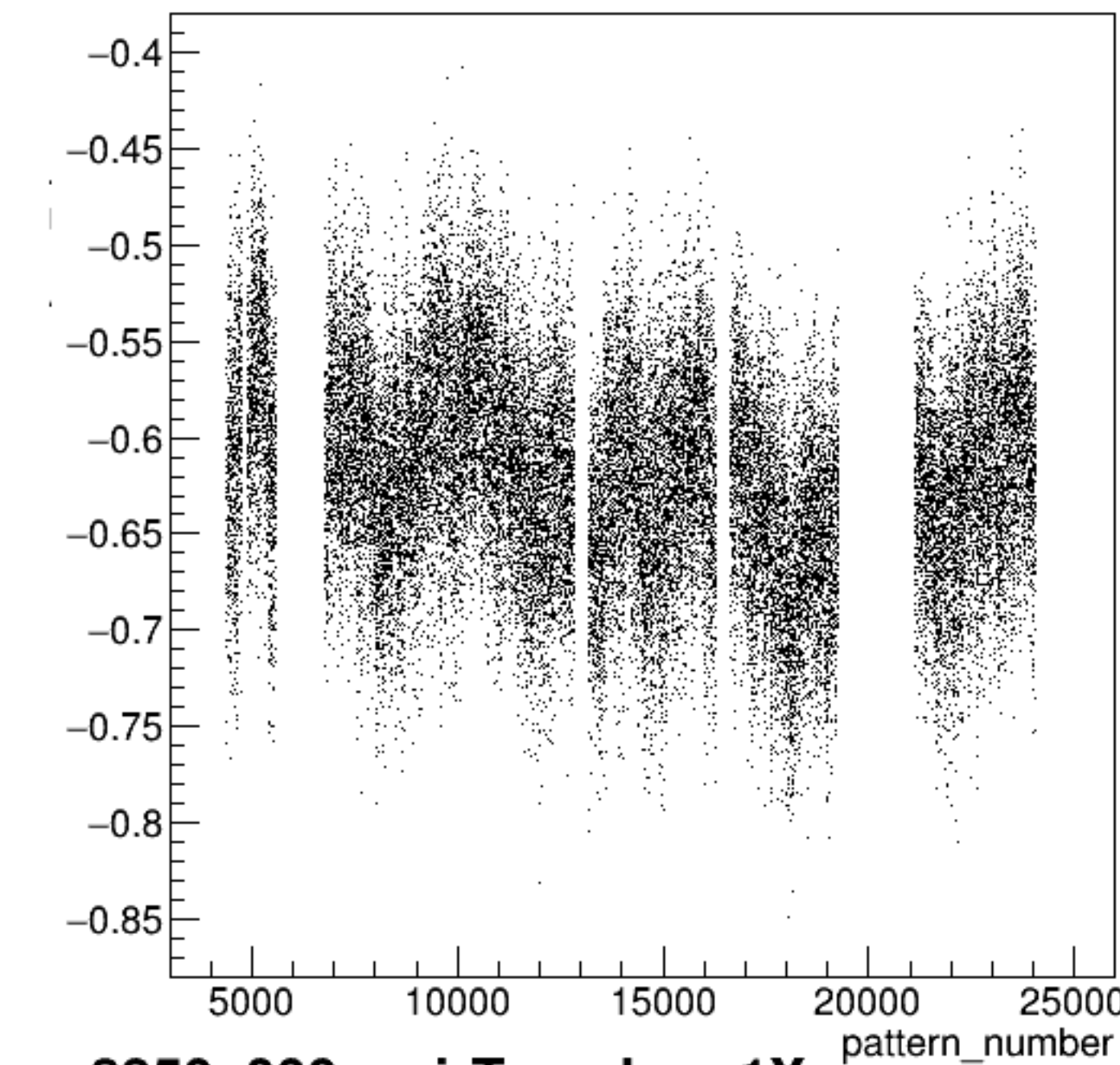
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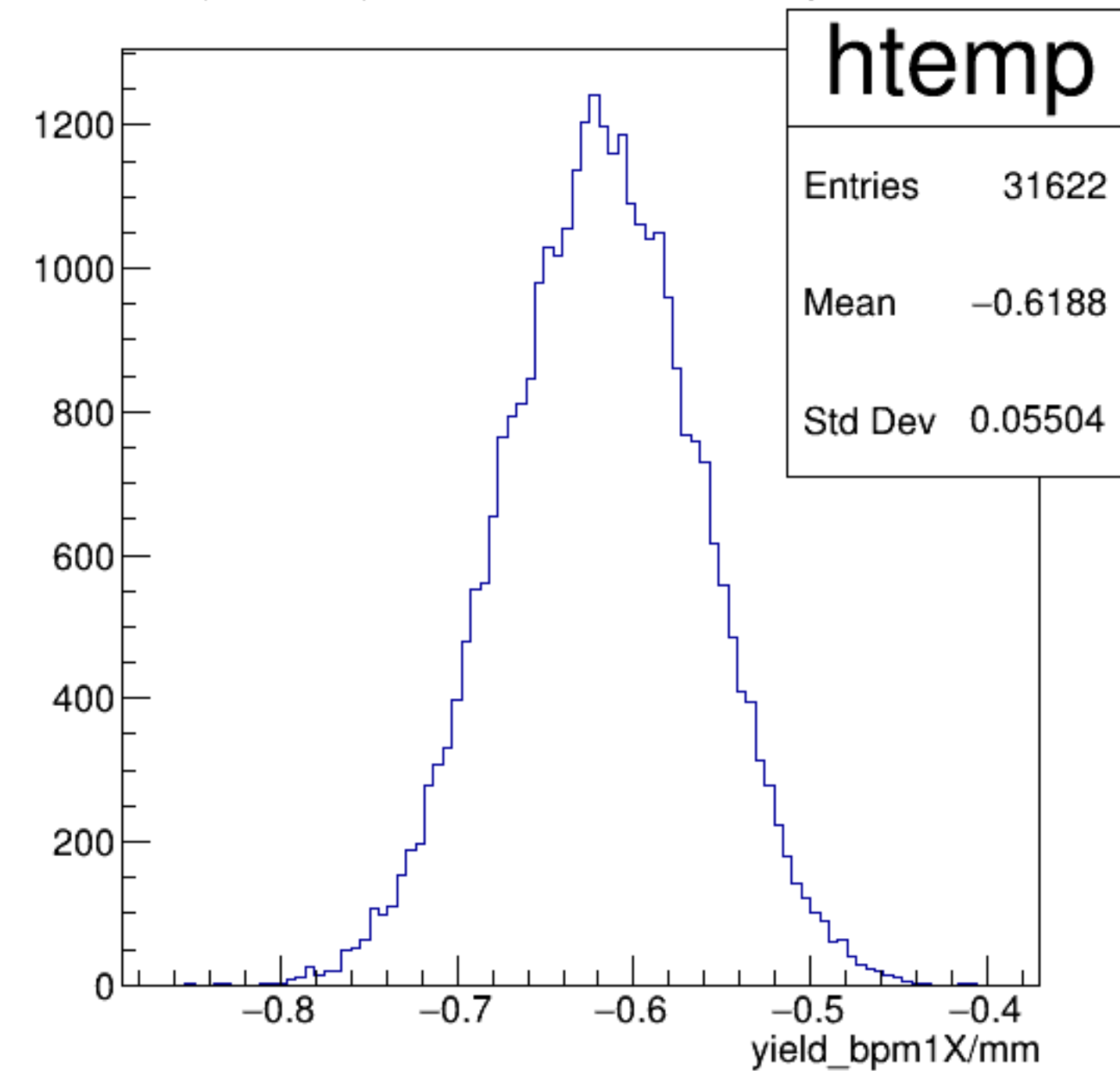
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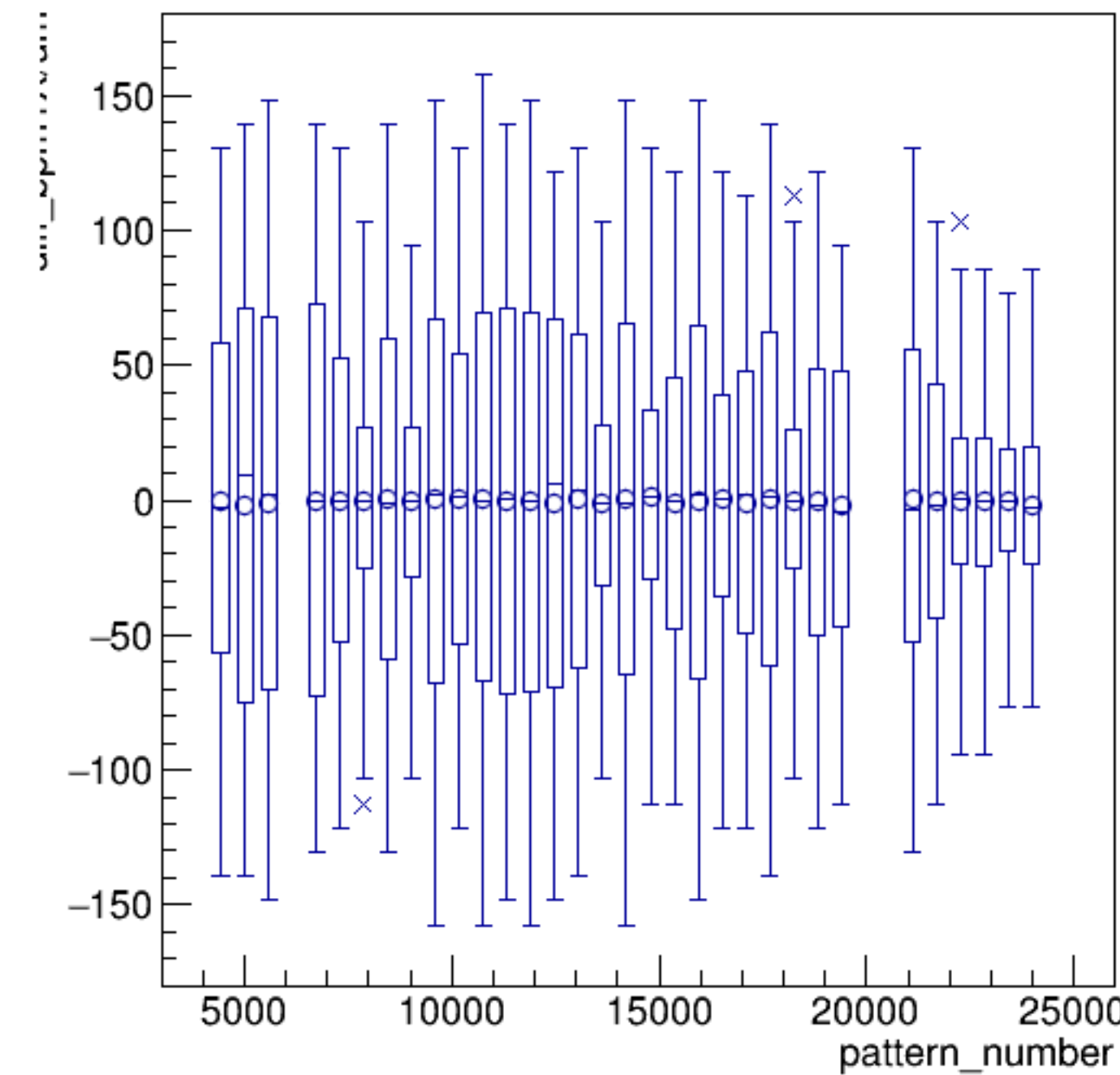
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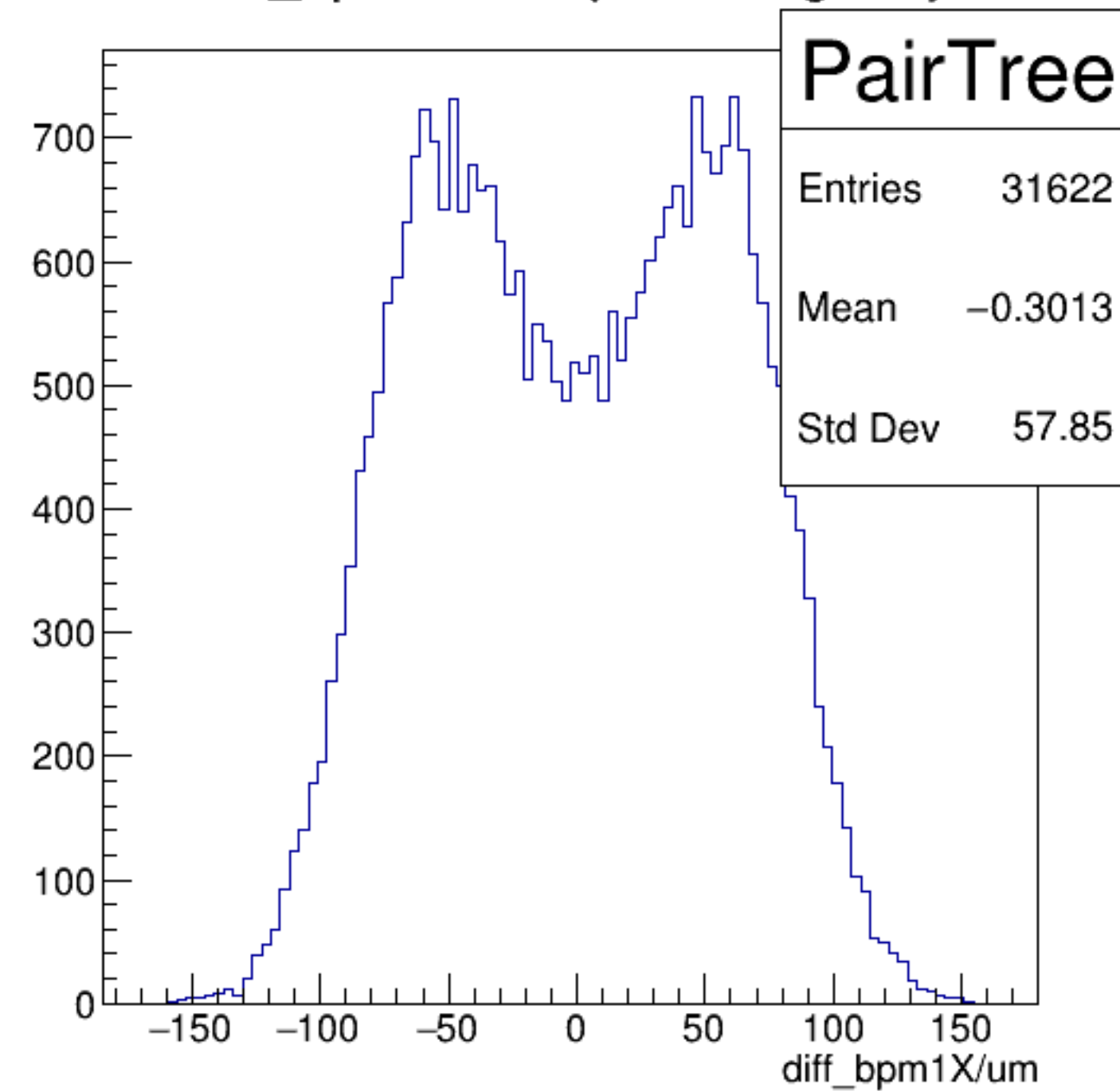
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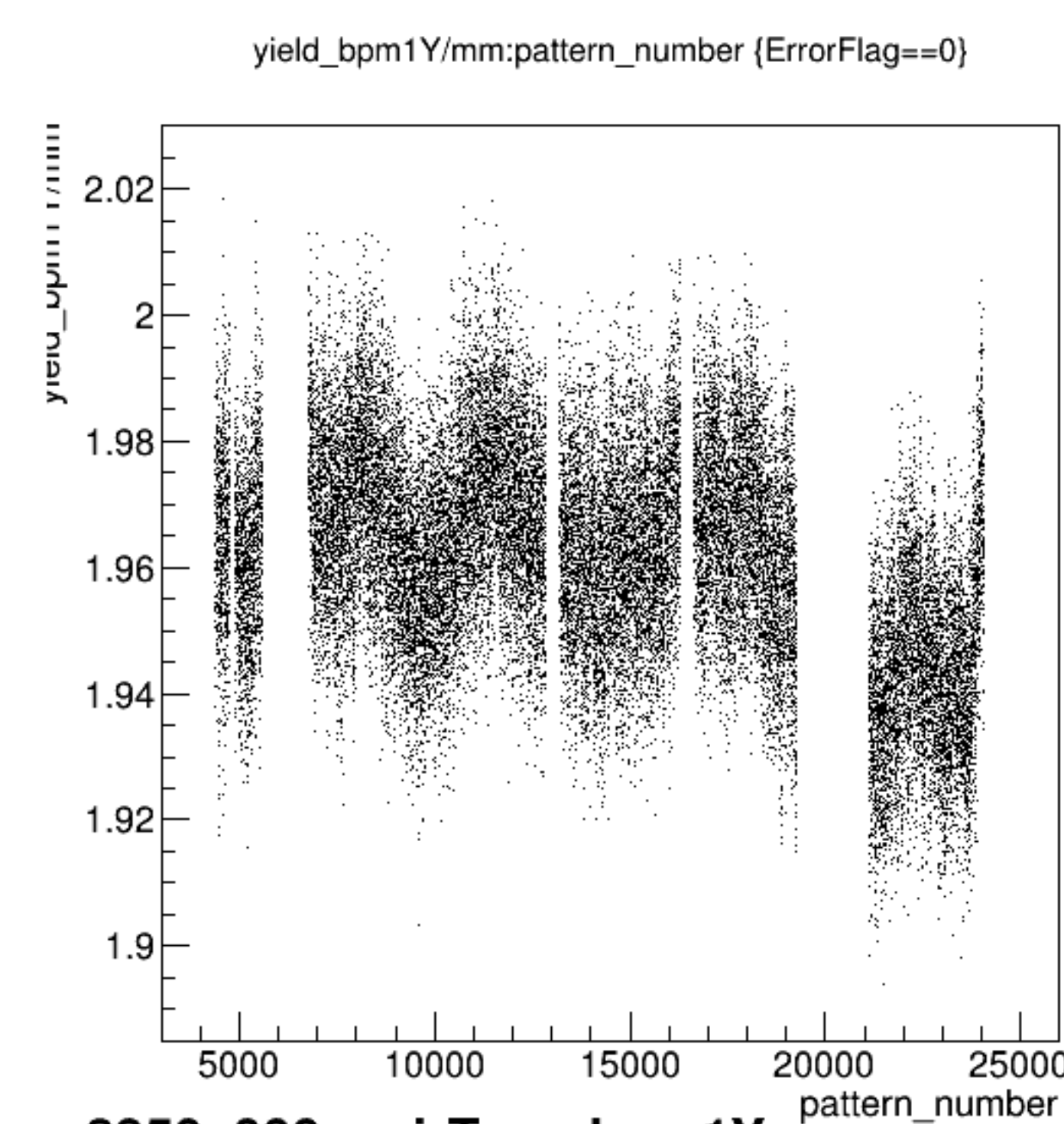


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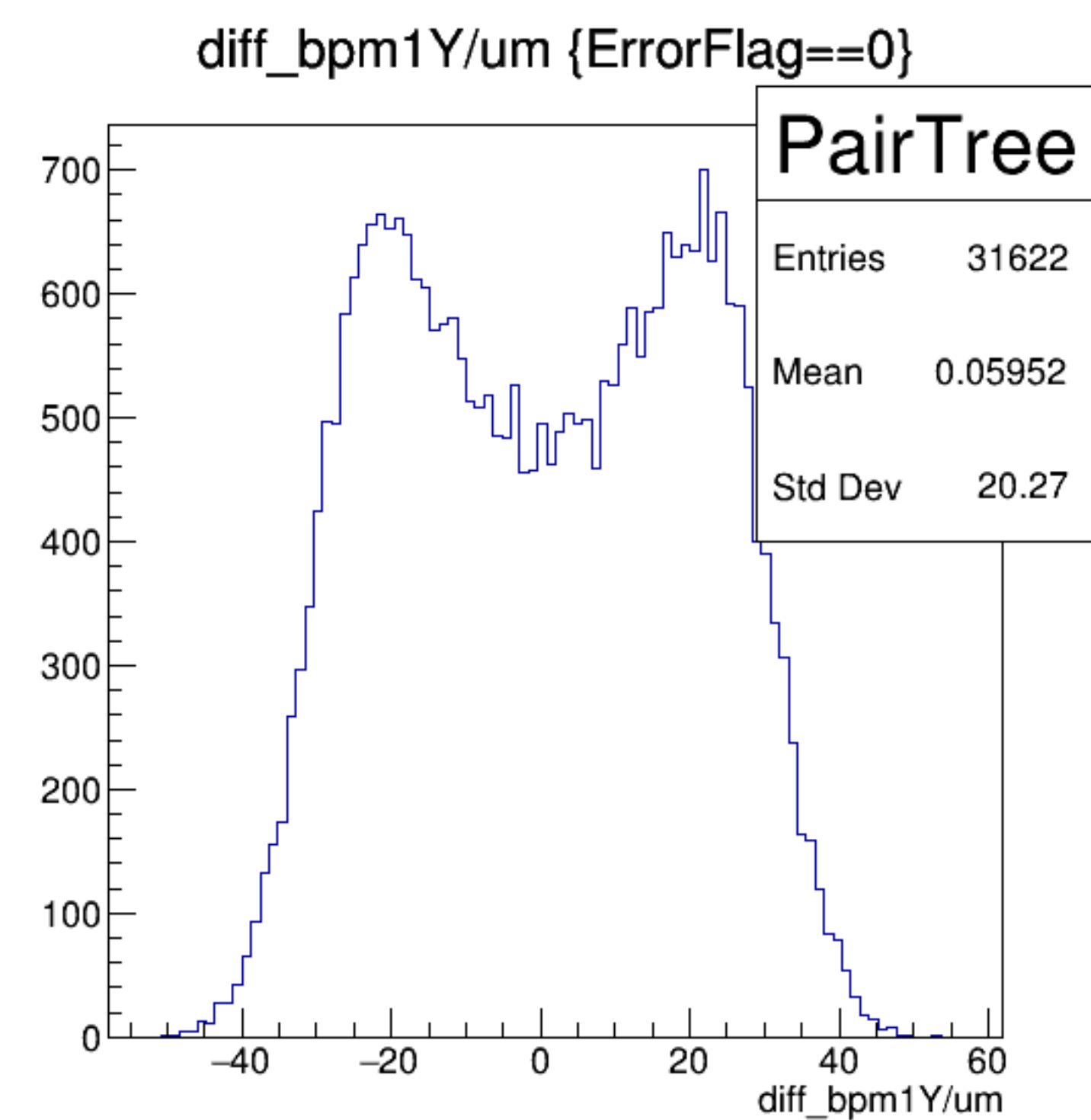
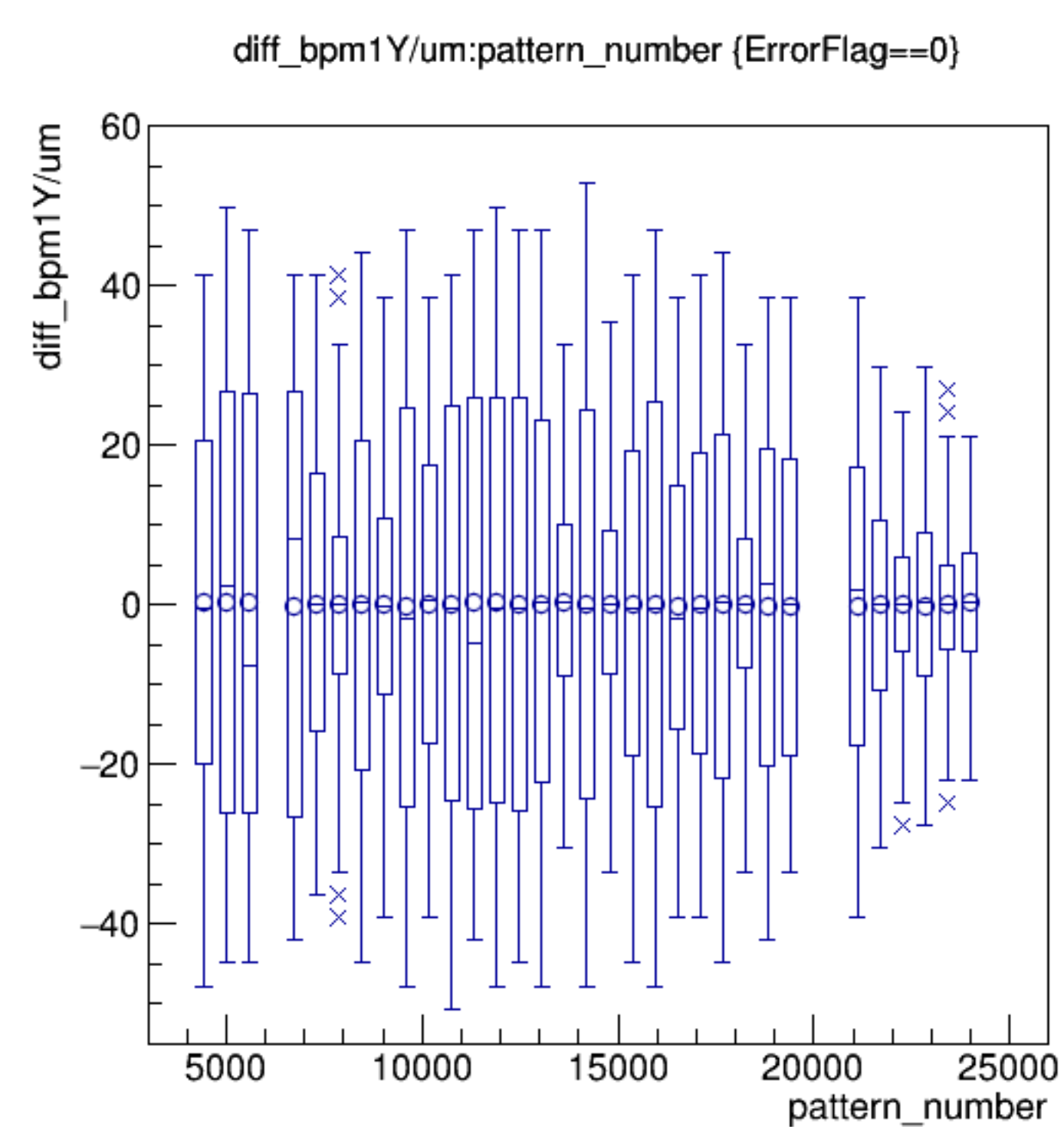
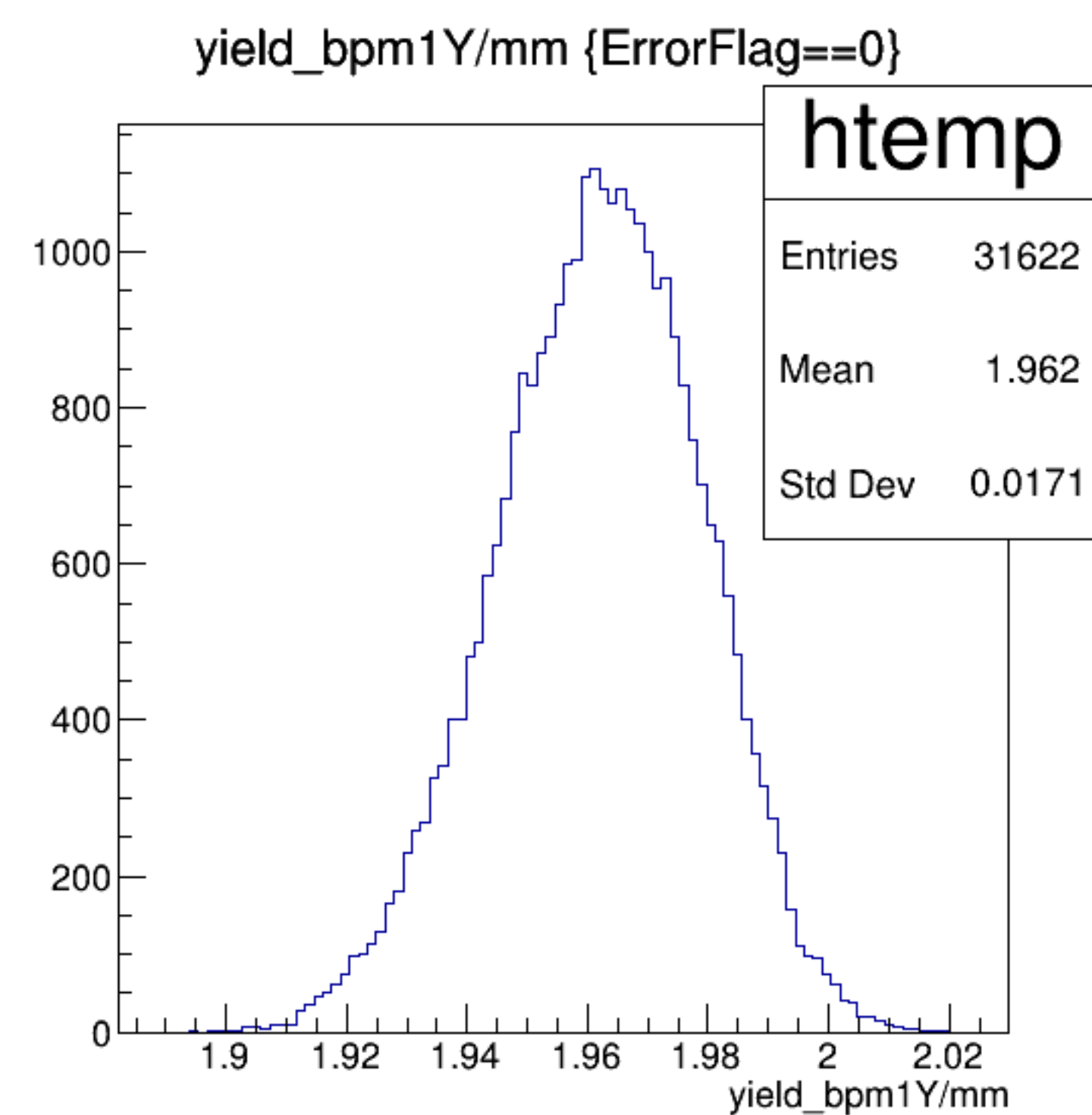


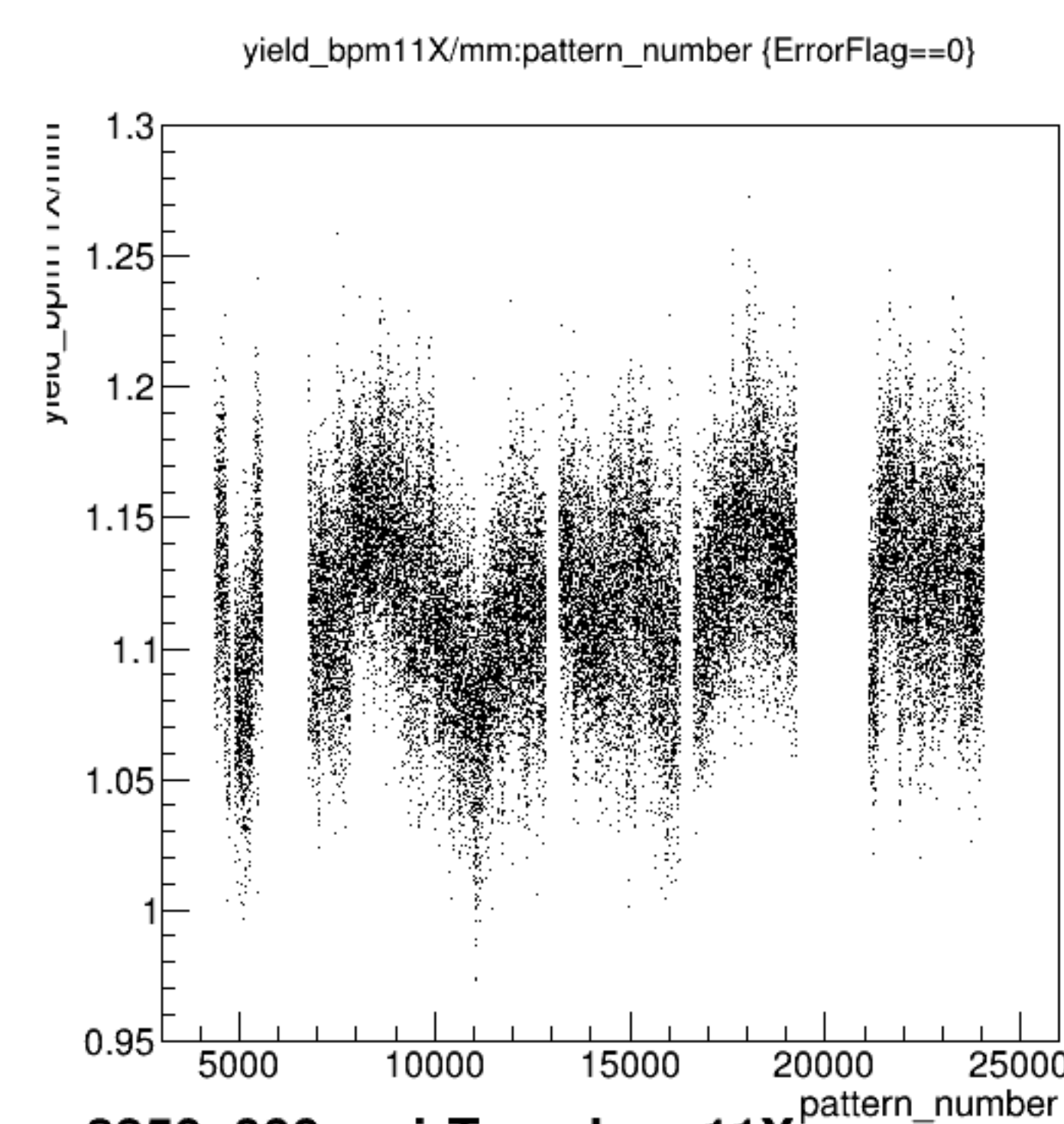
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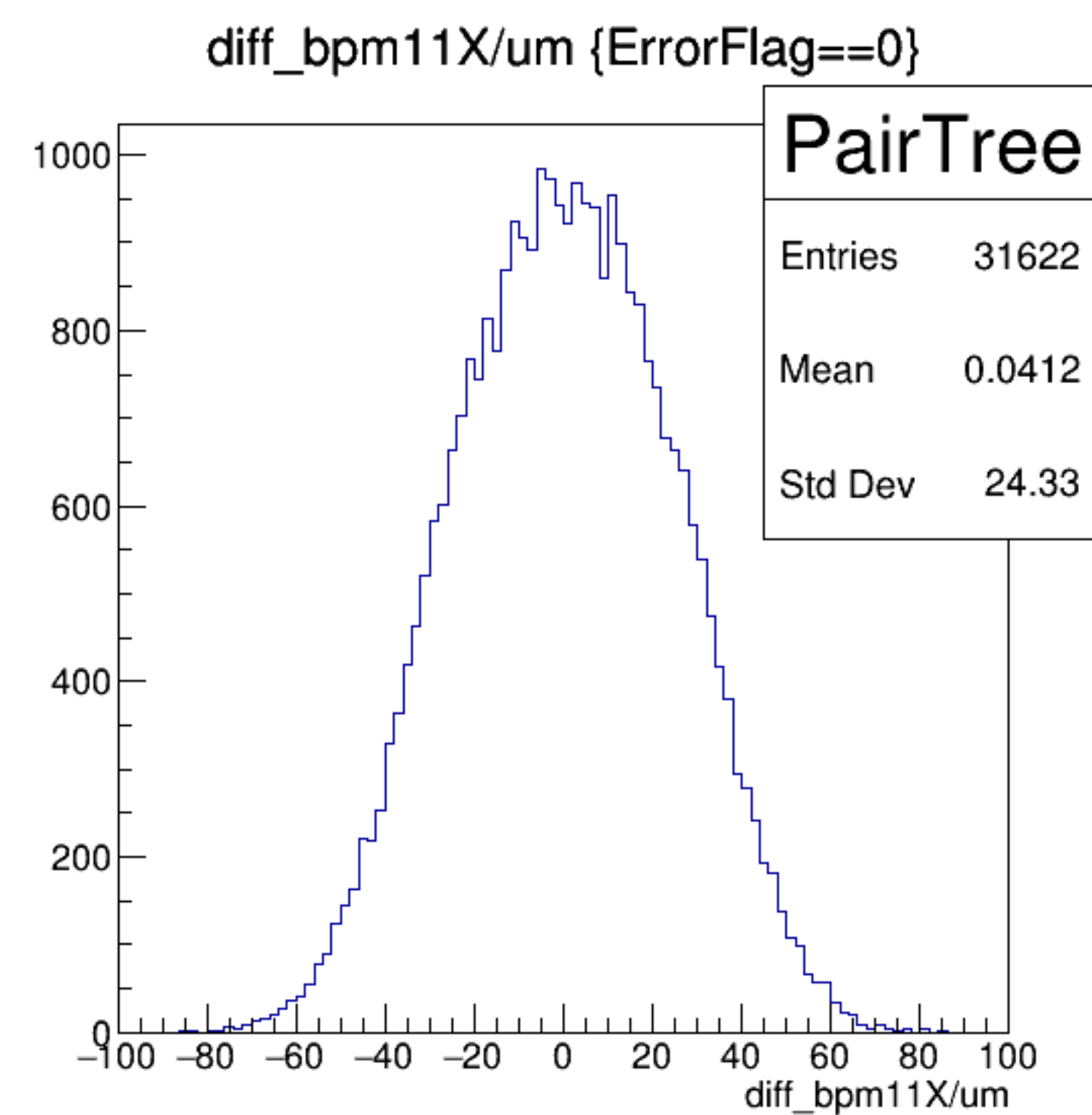
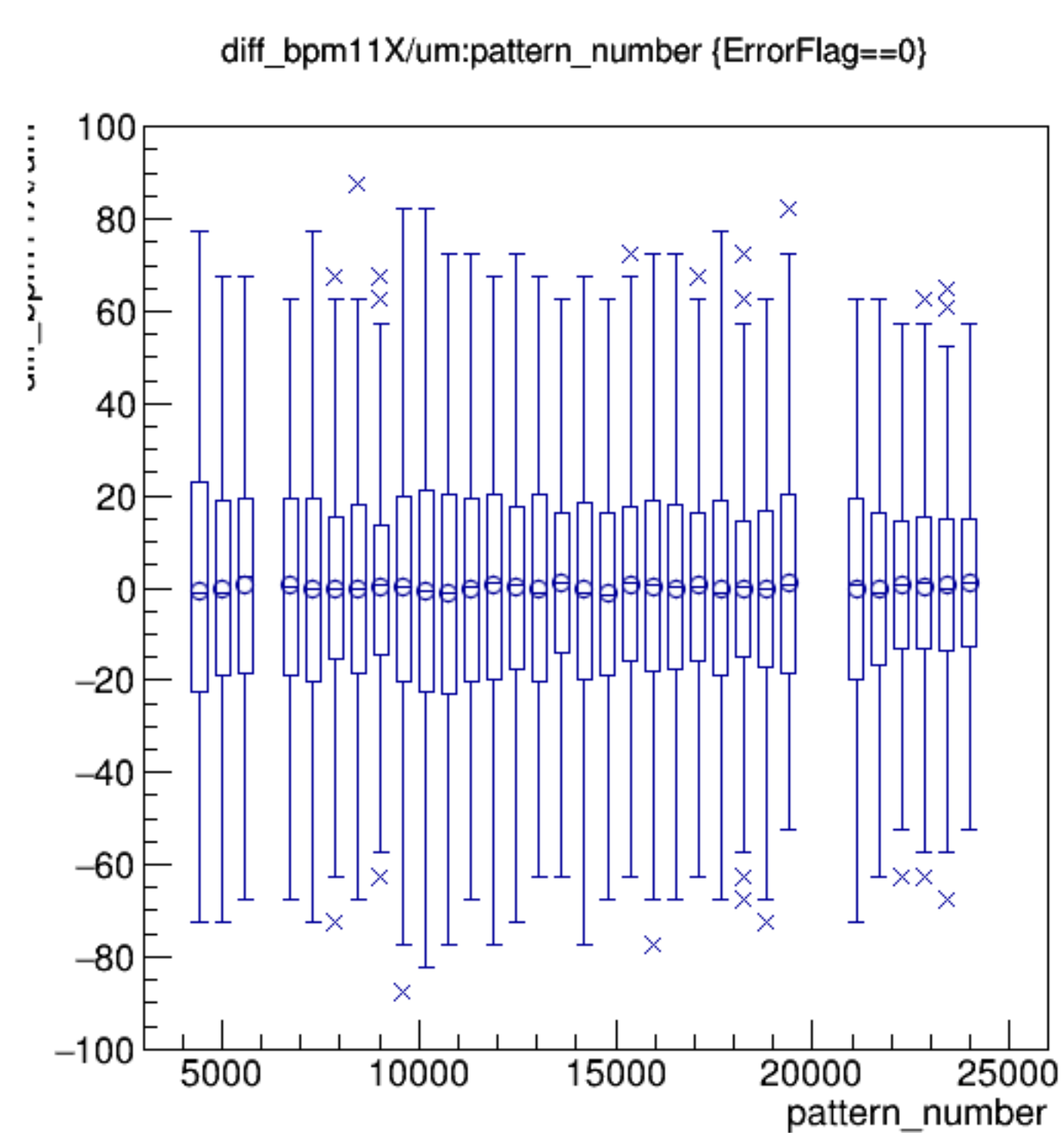
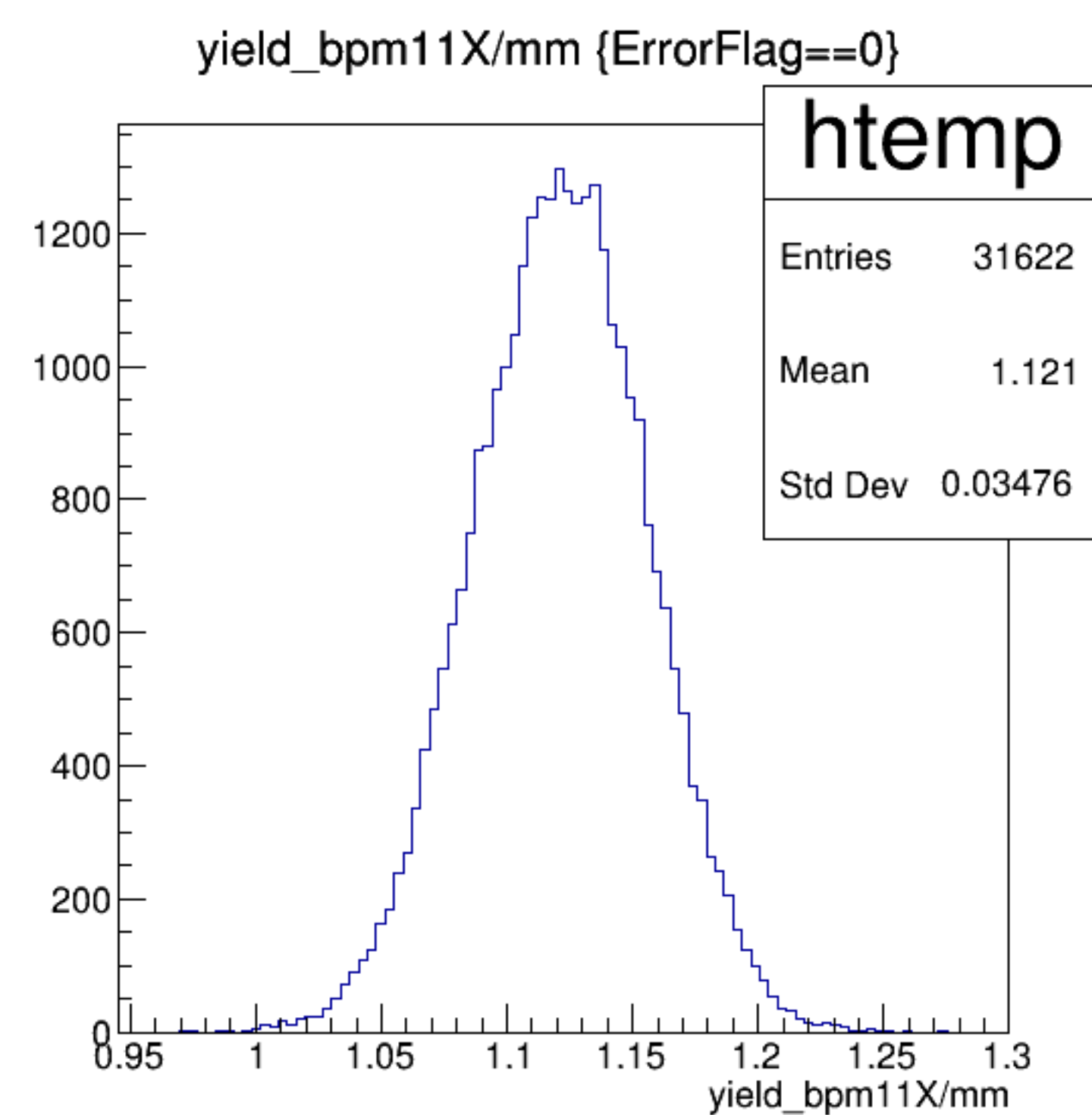


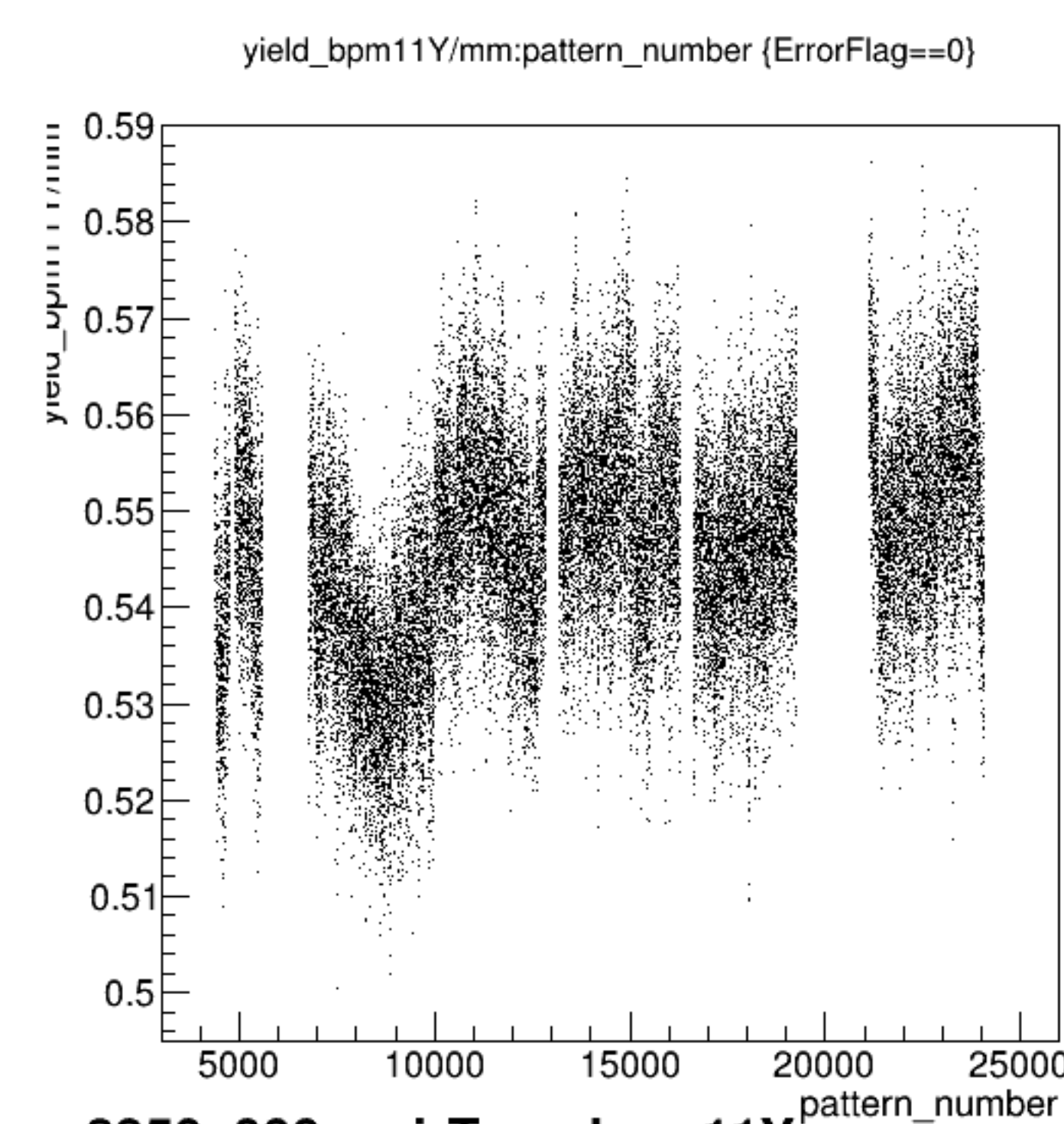
run8350_000_pairTree_bpm1Y.png



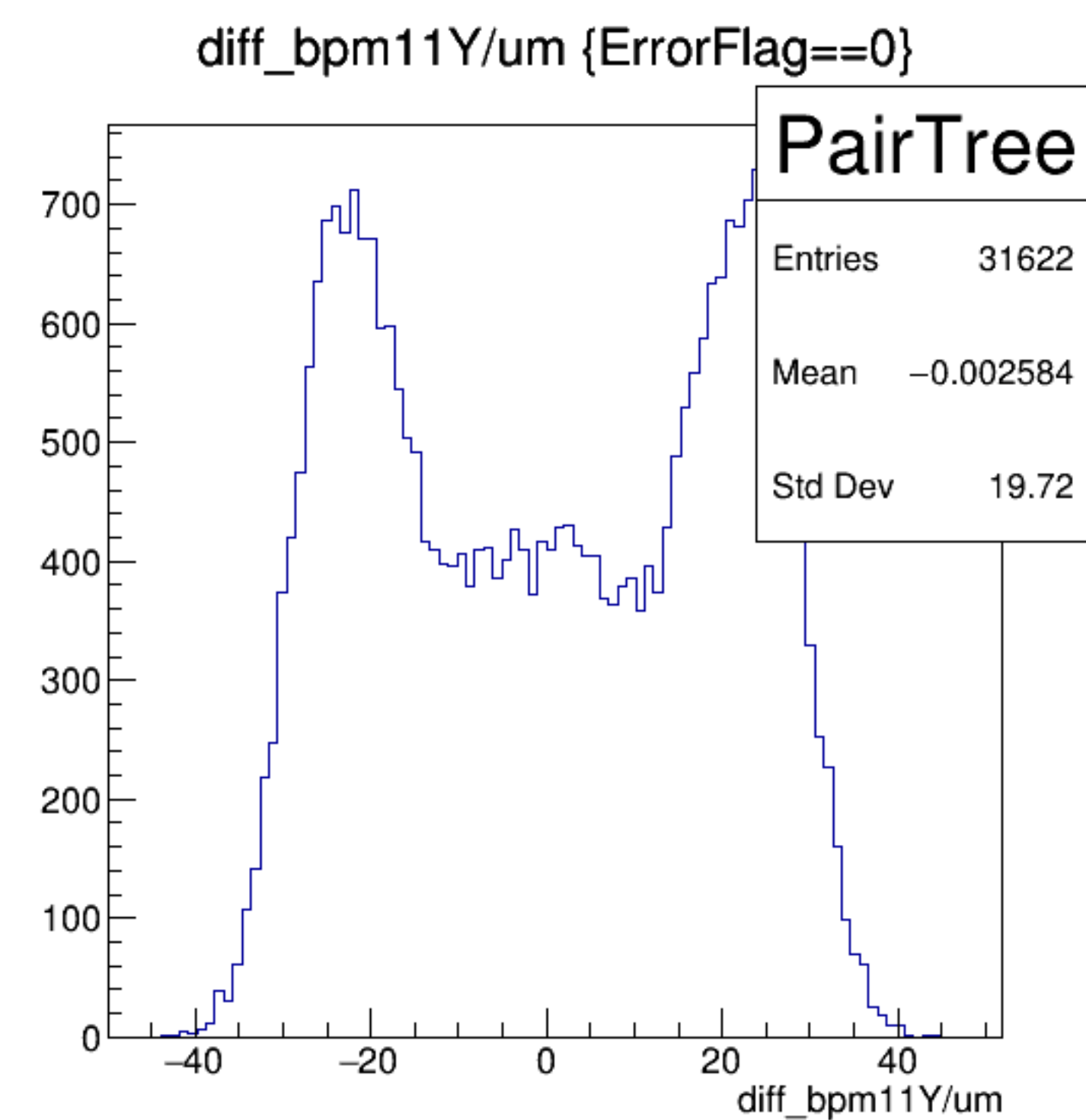
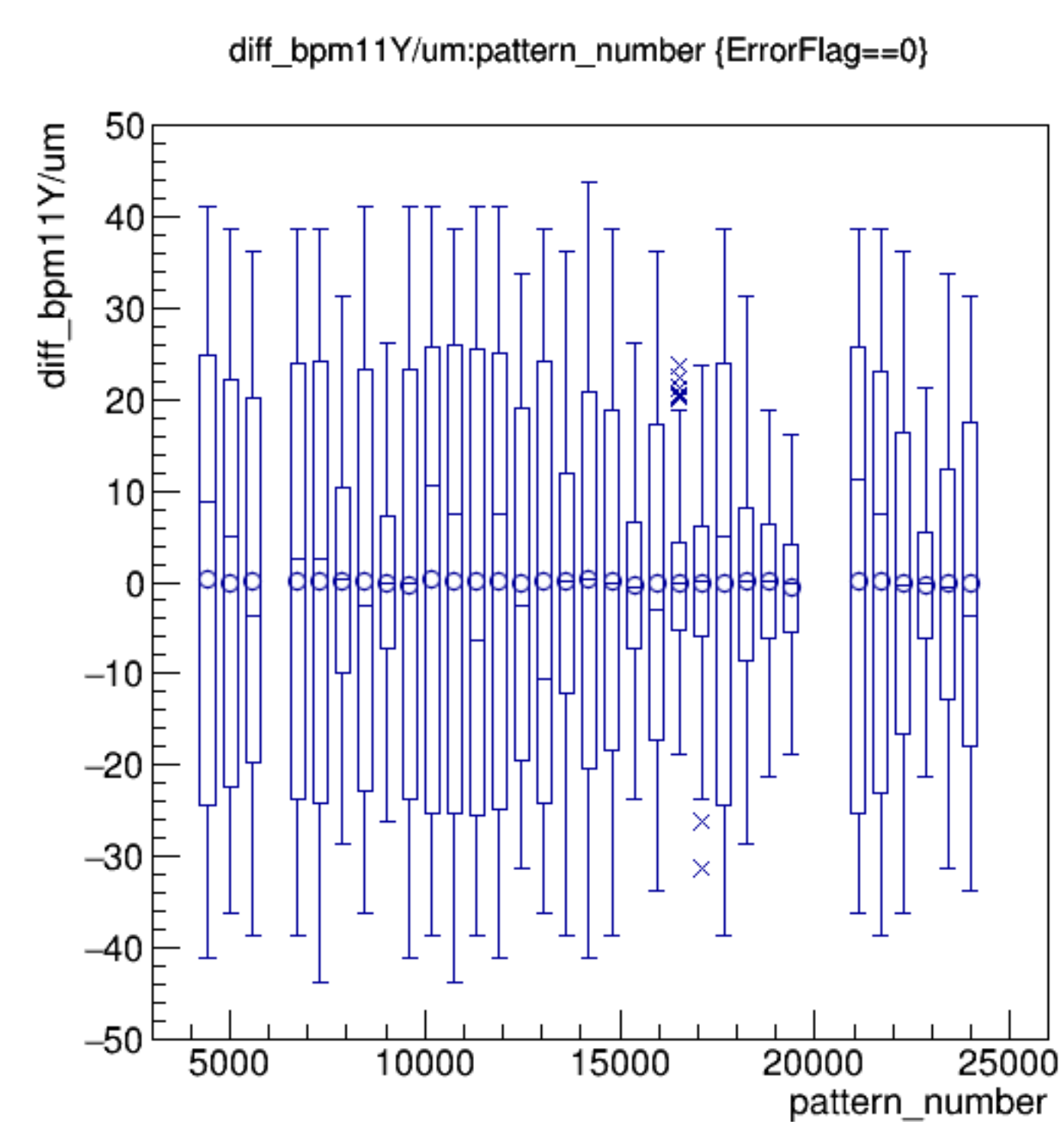
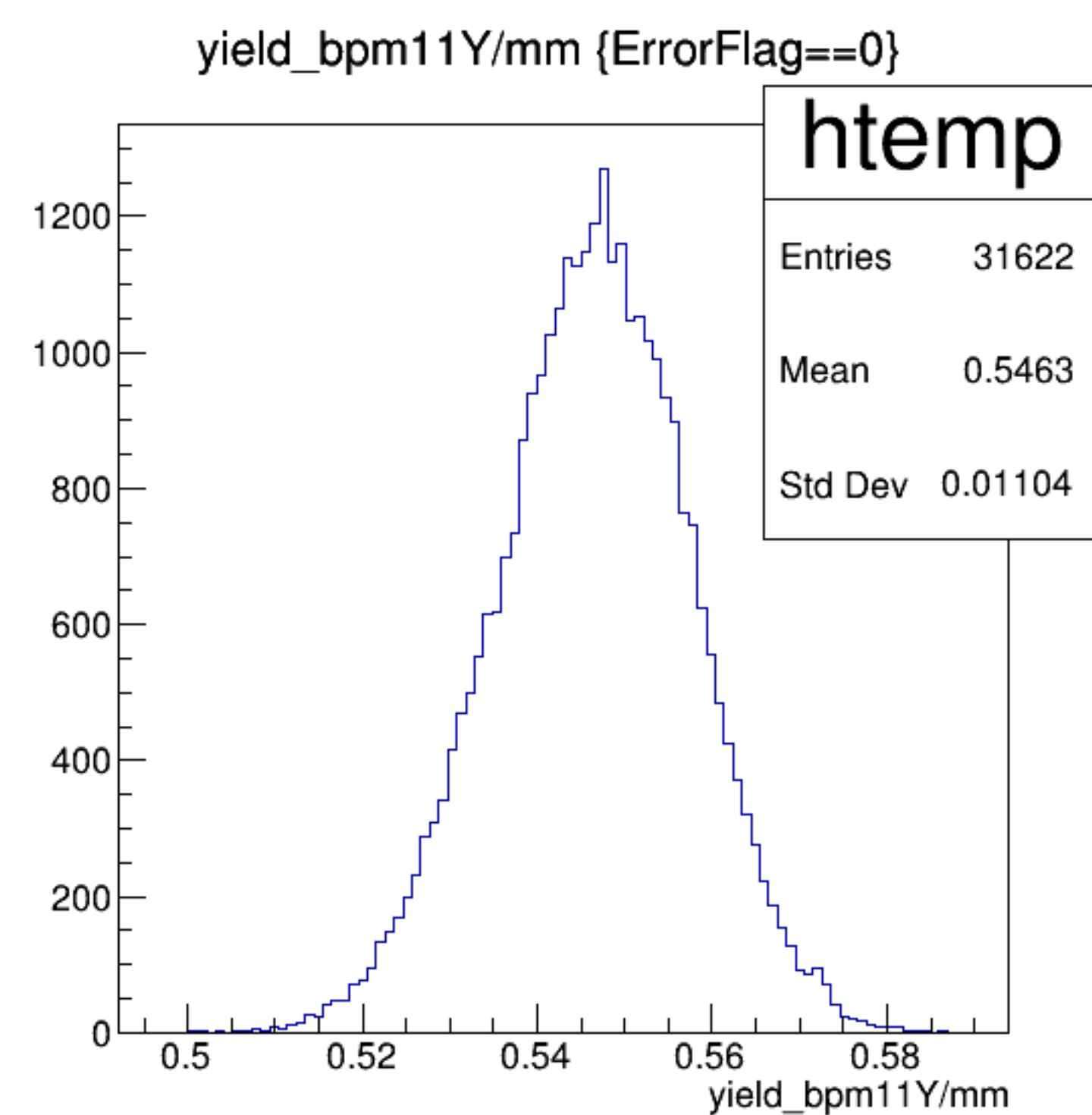


run8350_000_pairTree_bpm11X.png

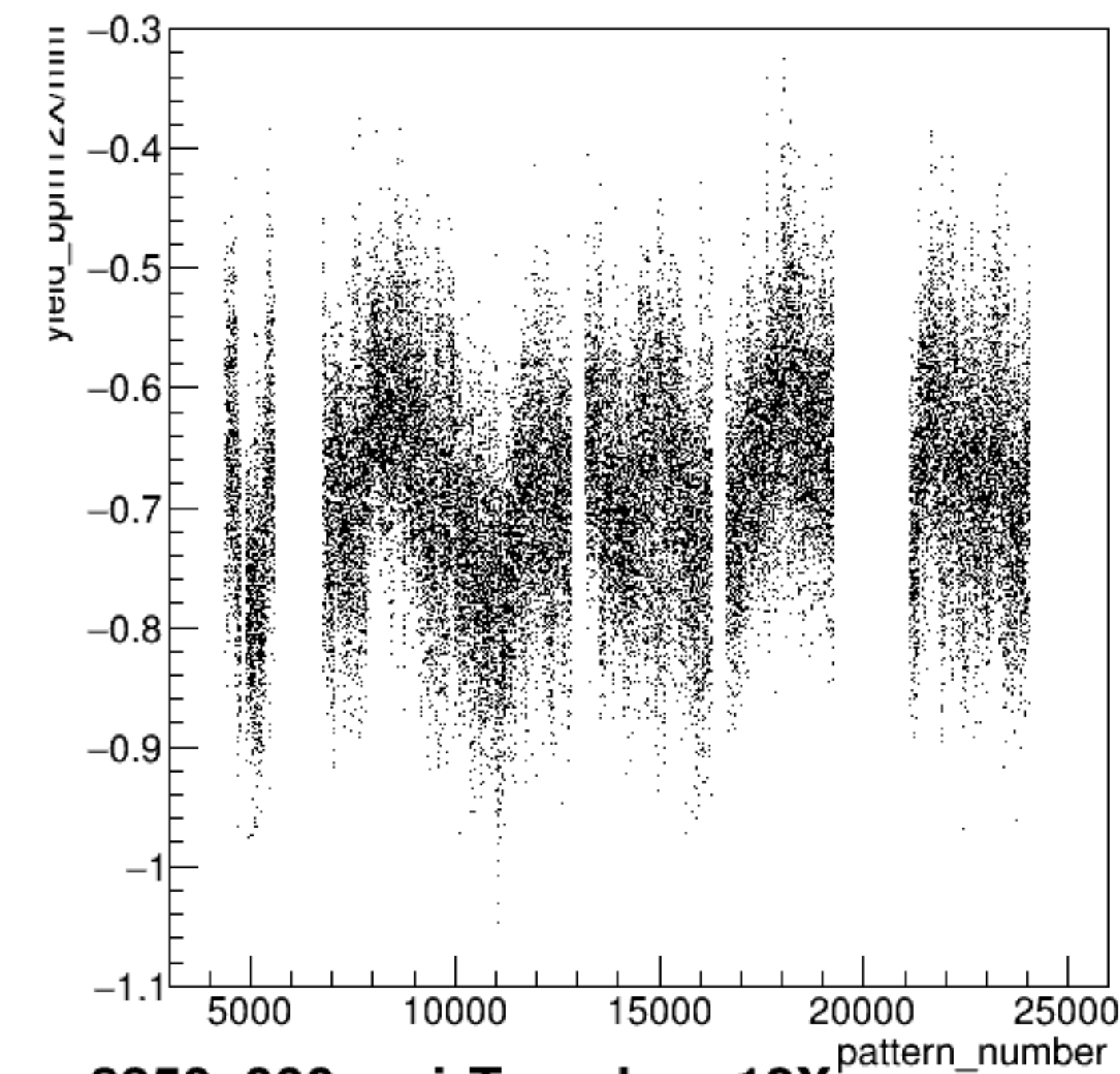




run8350_000_pairTree_bpm11Y.png

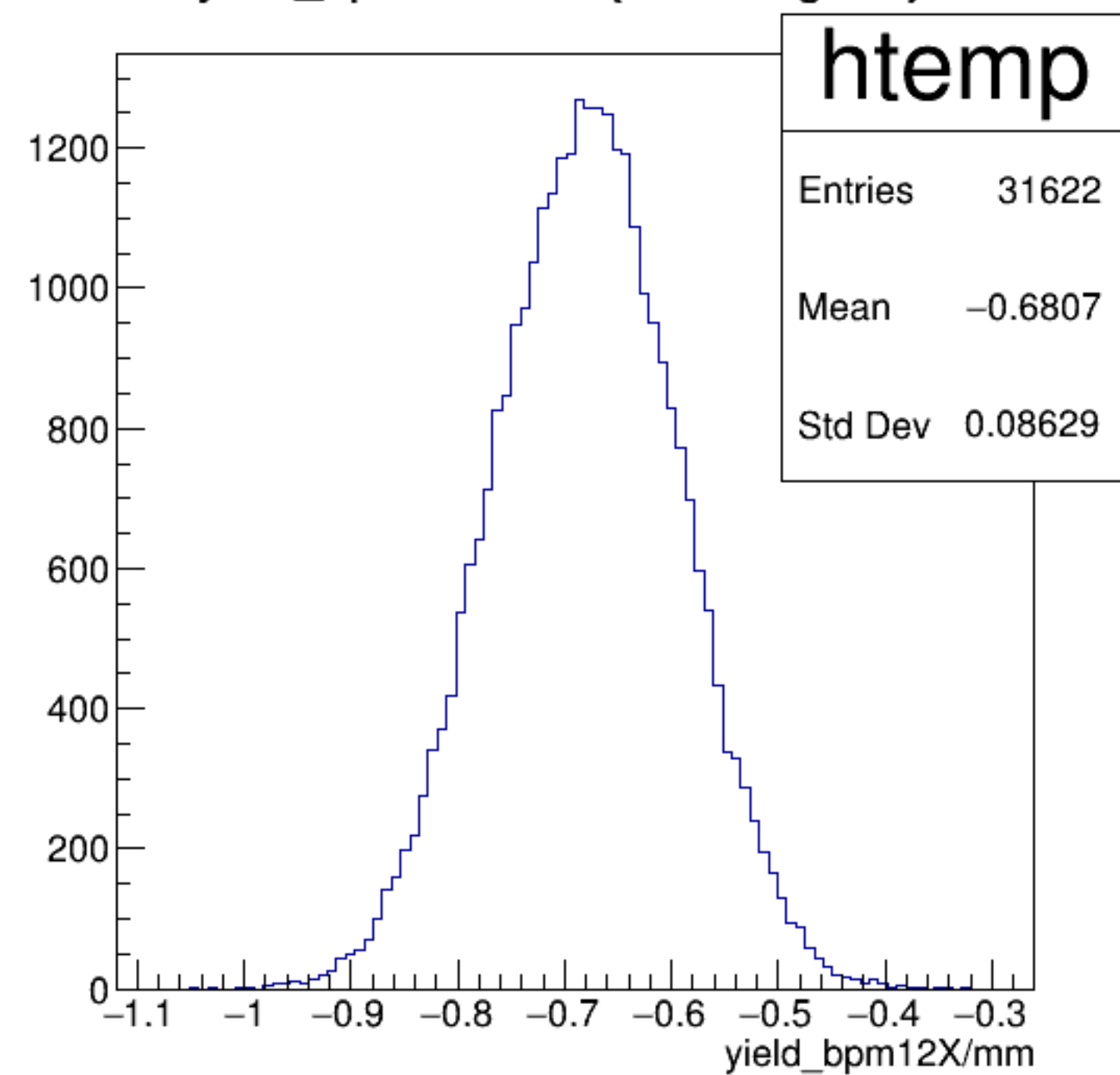


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

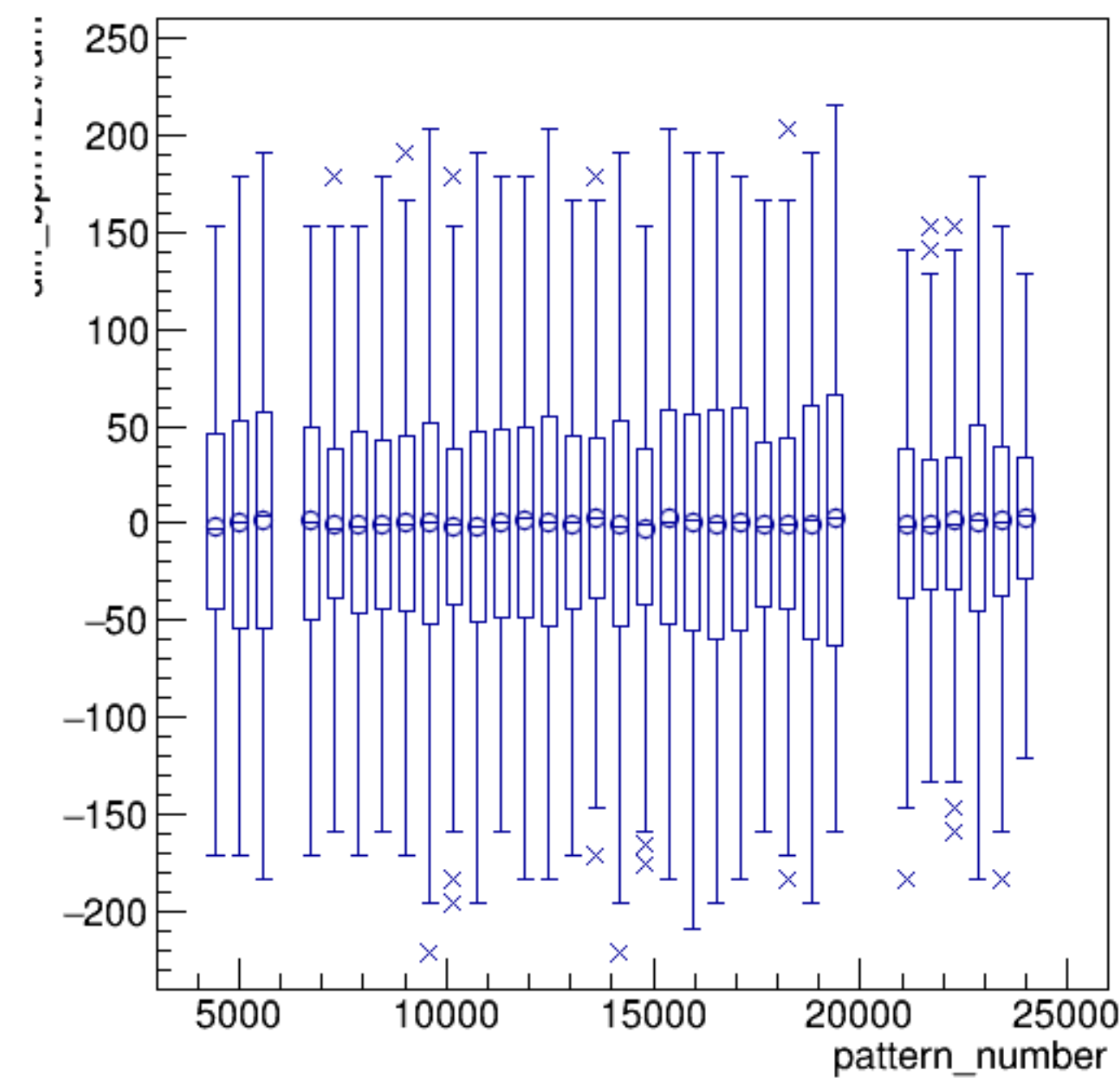


run8350_000_pairTree_bpm12X.png

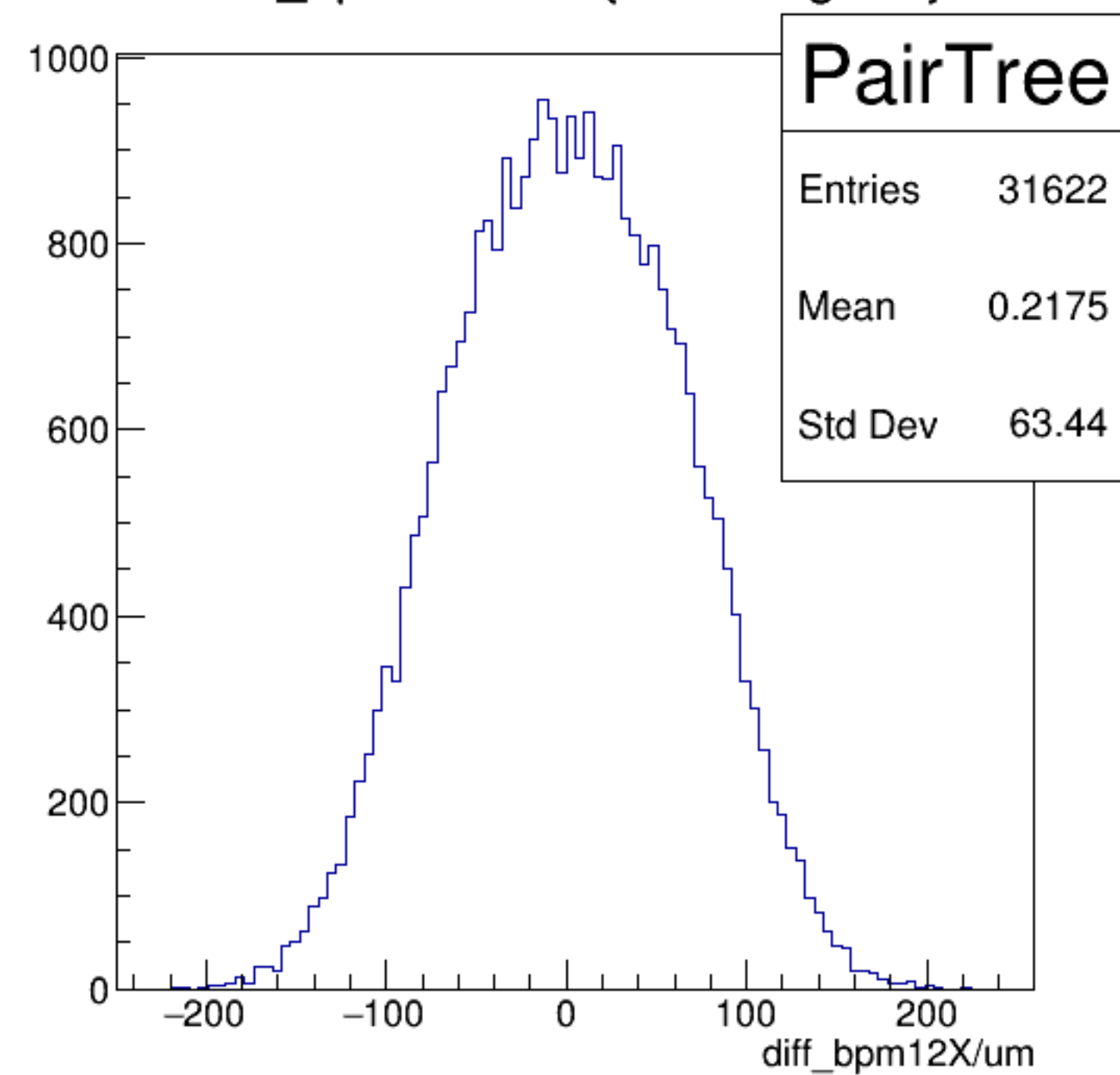
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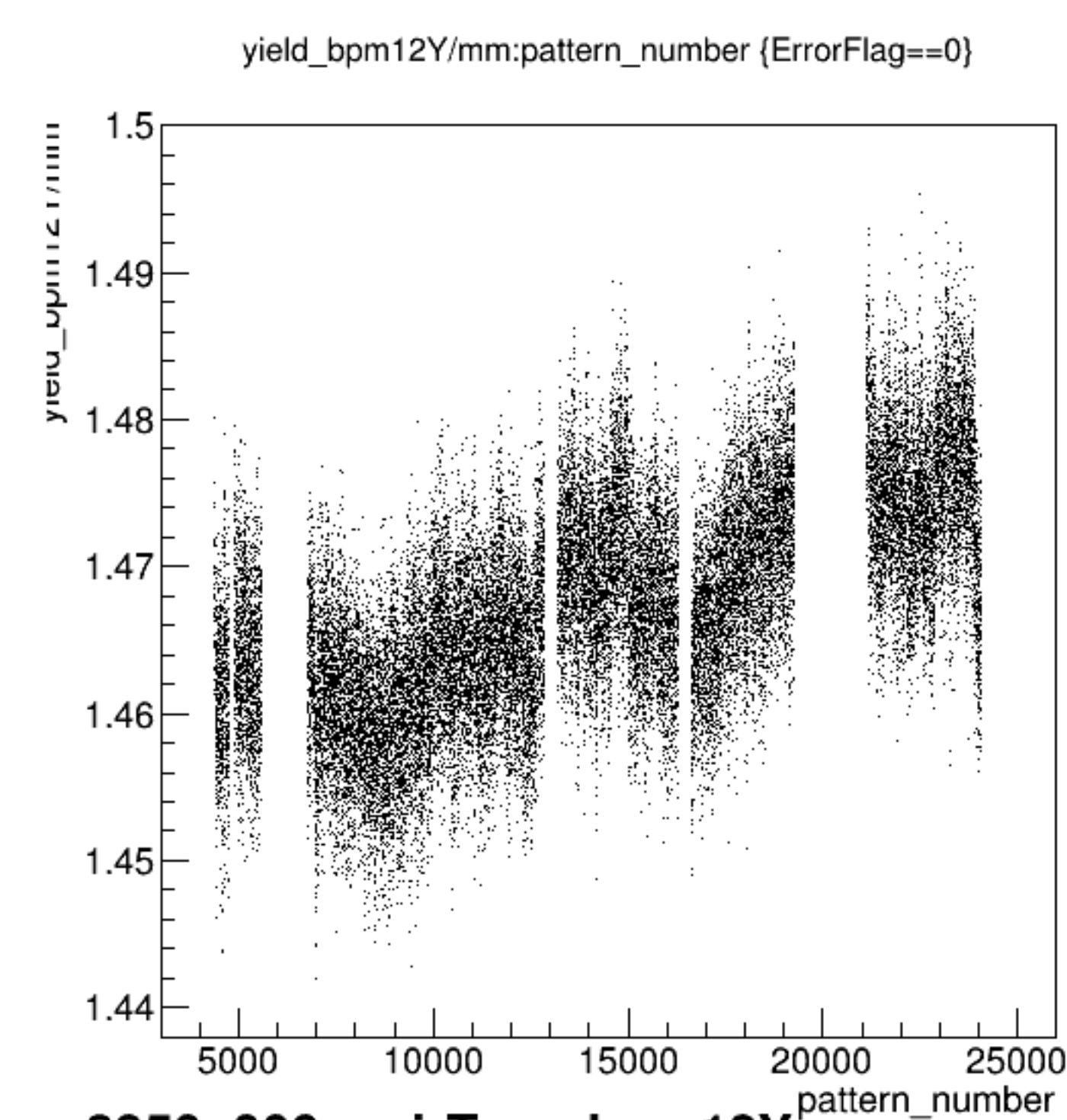


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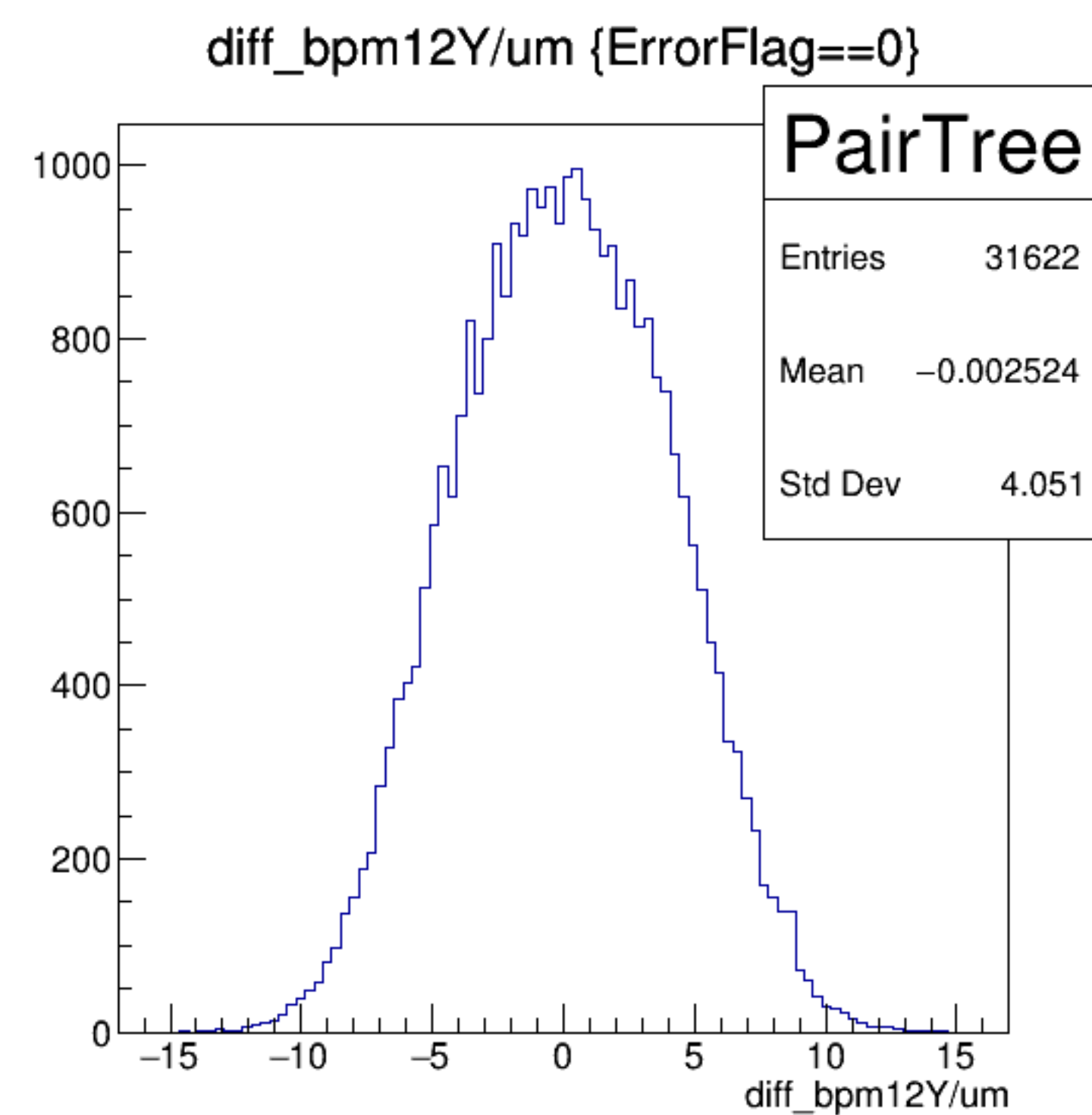
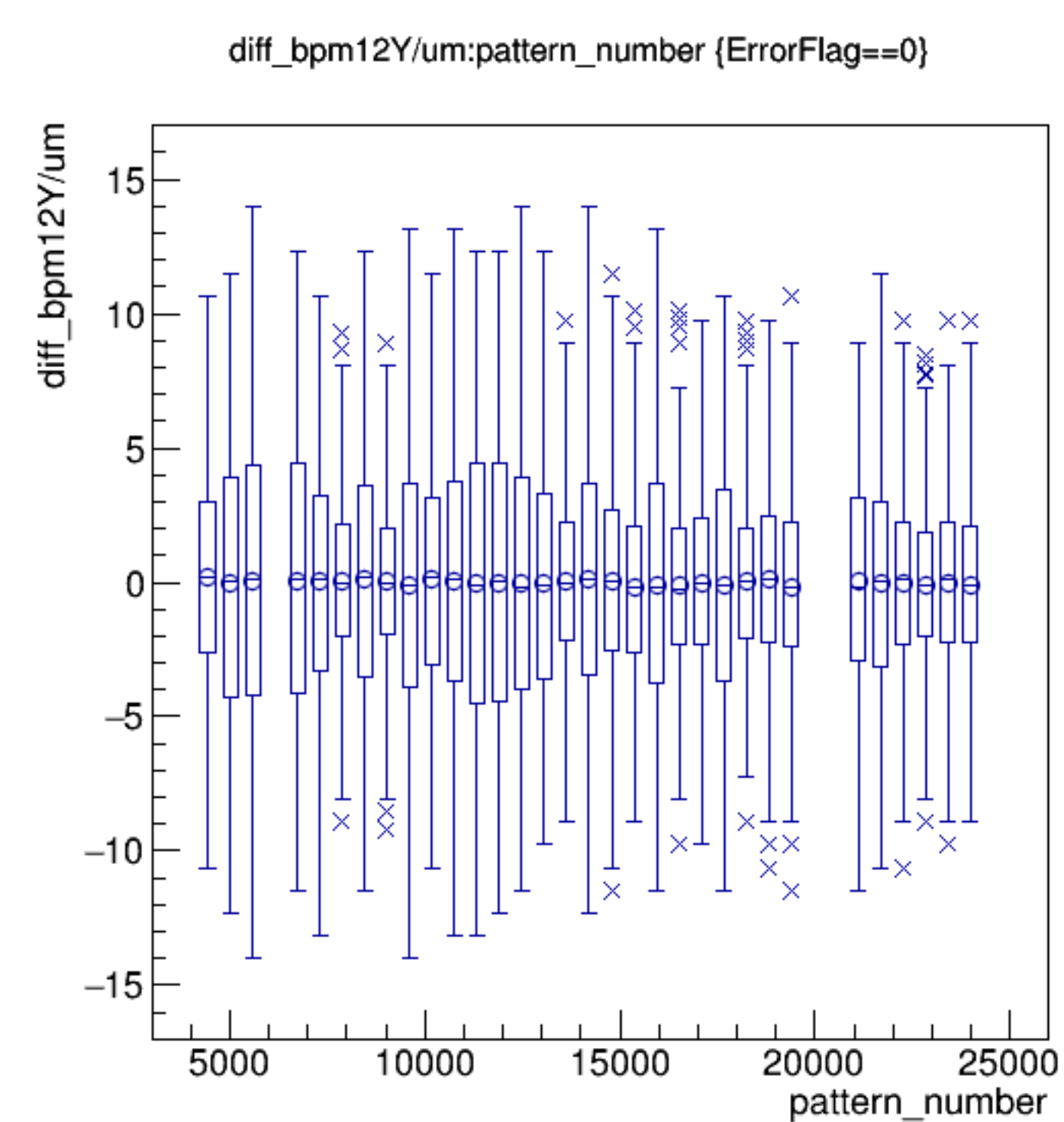
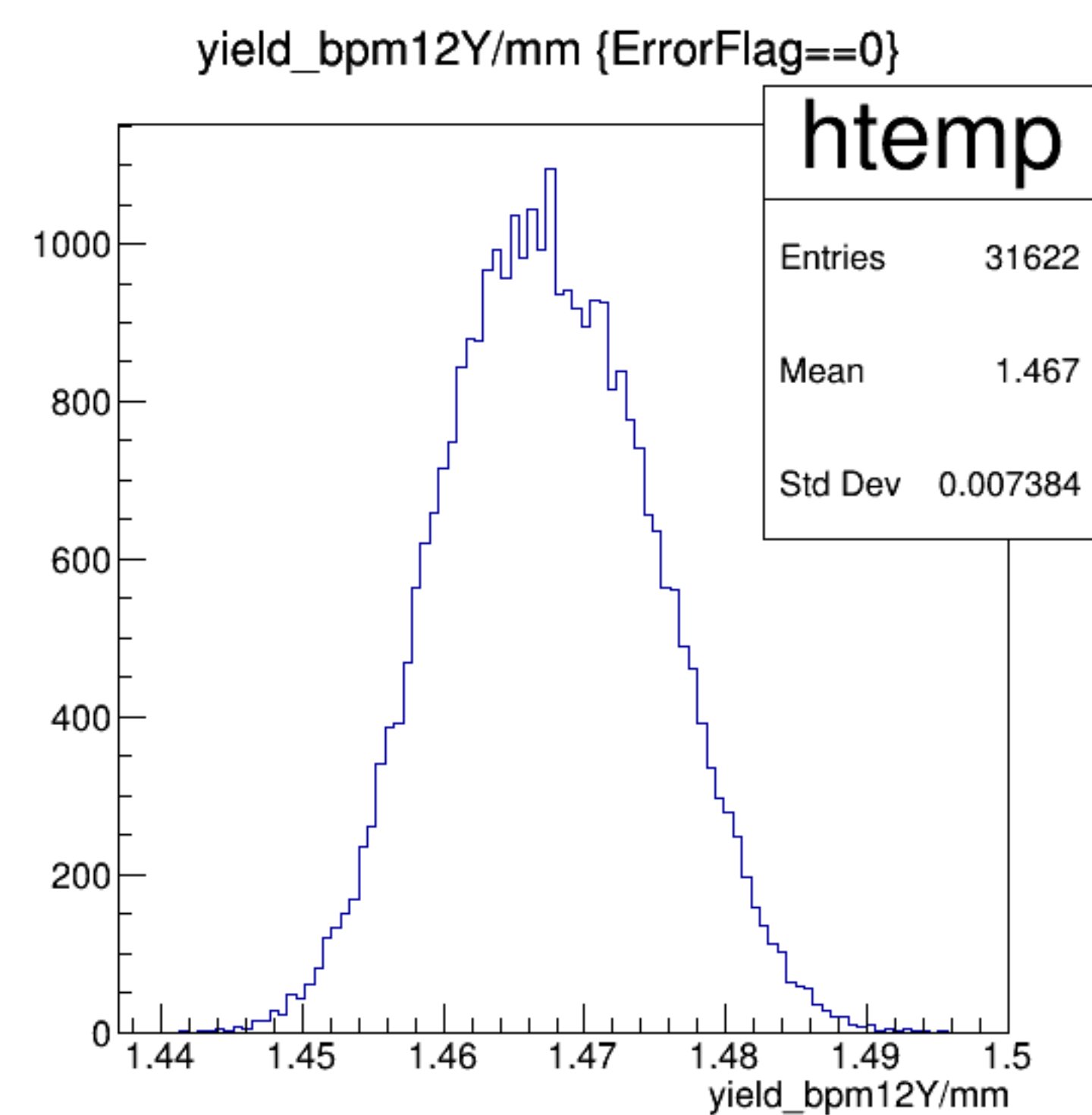


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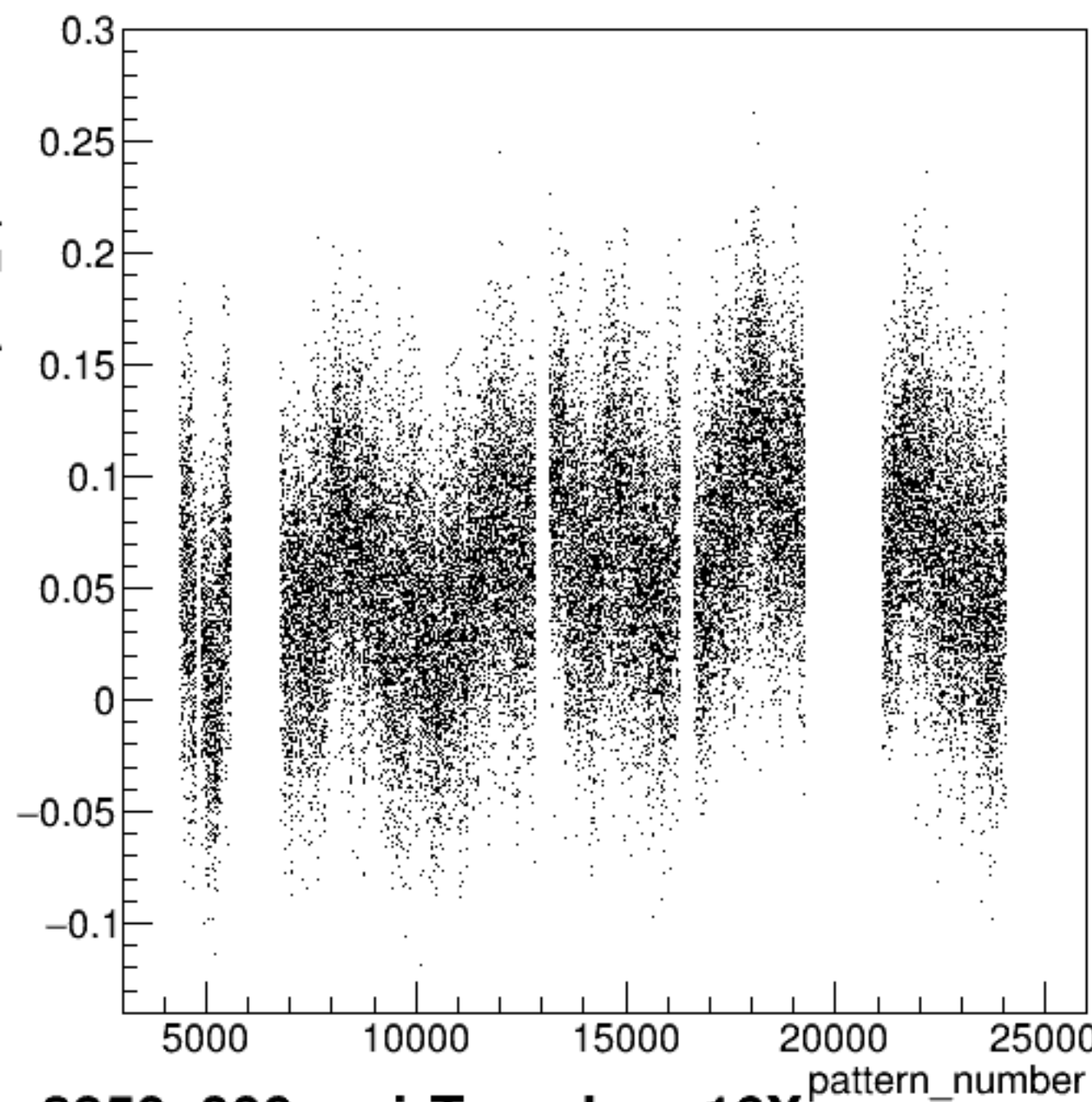




run8350_000_pairTree_bpm12Y.png

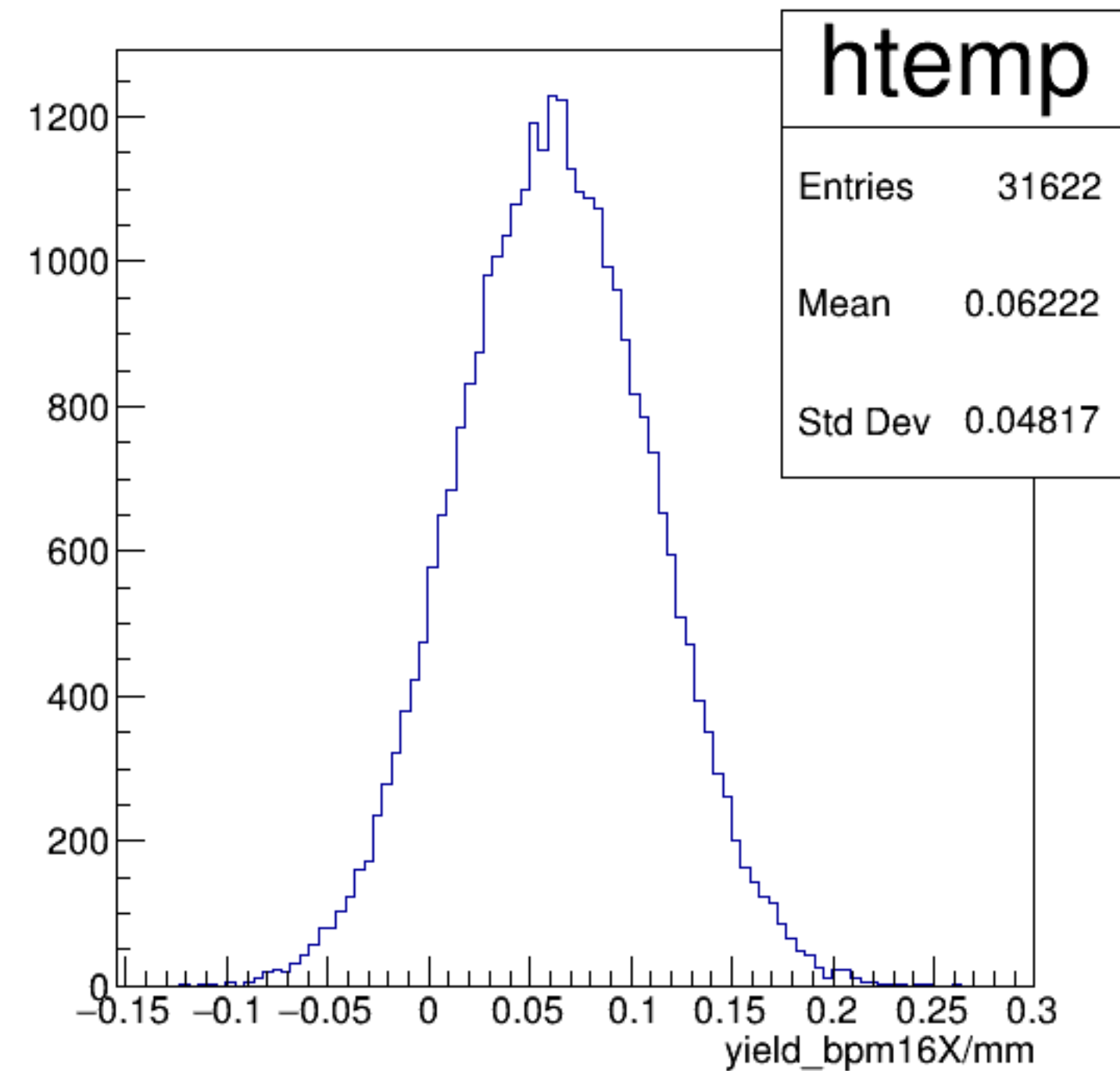


yield_bpm16X/mm:pattern_number {ErrorFlag==0}

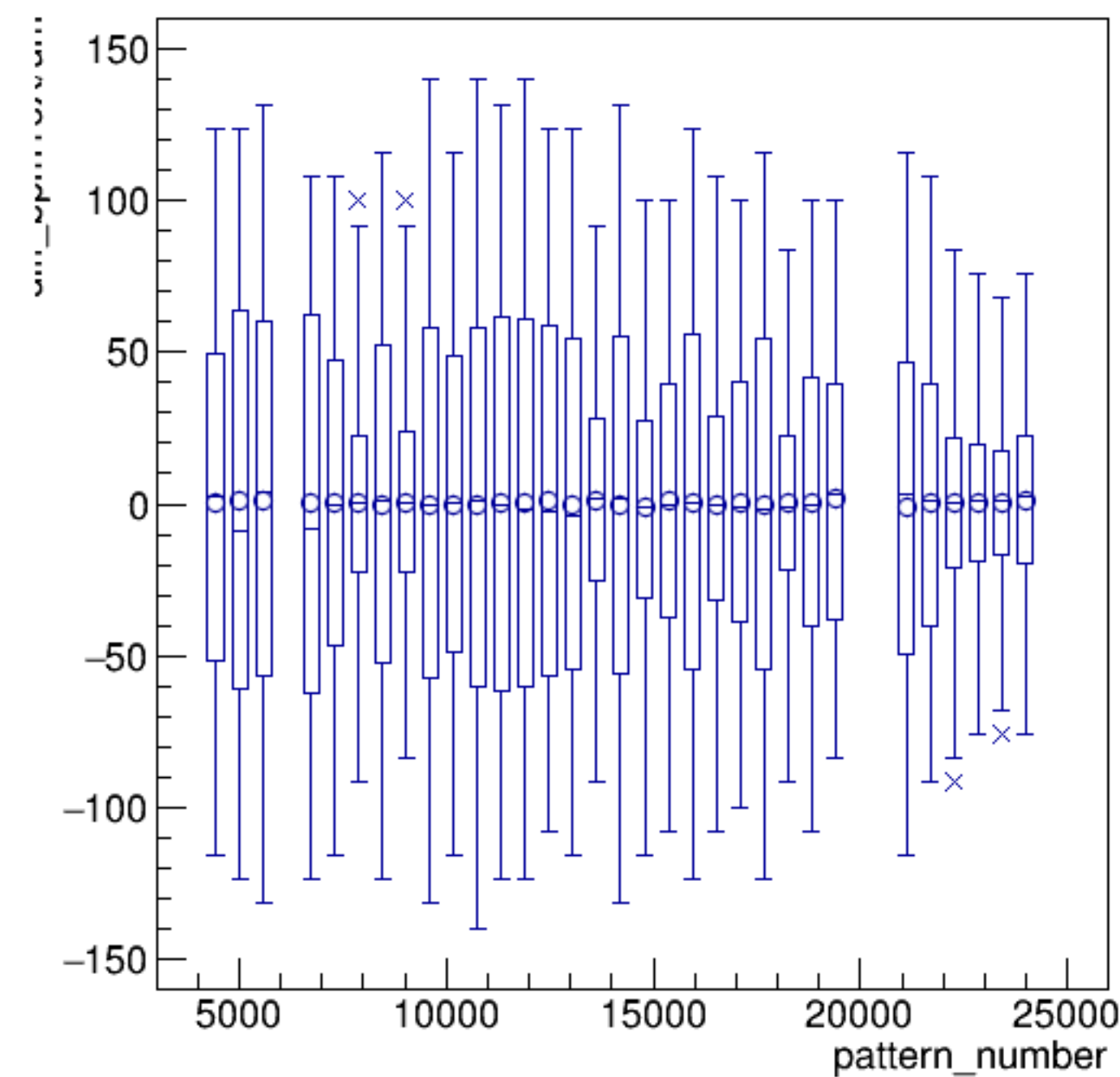


run8350_000_pairTree_bpm16X.png

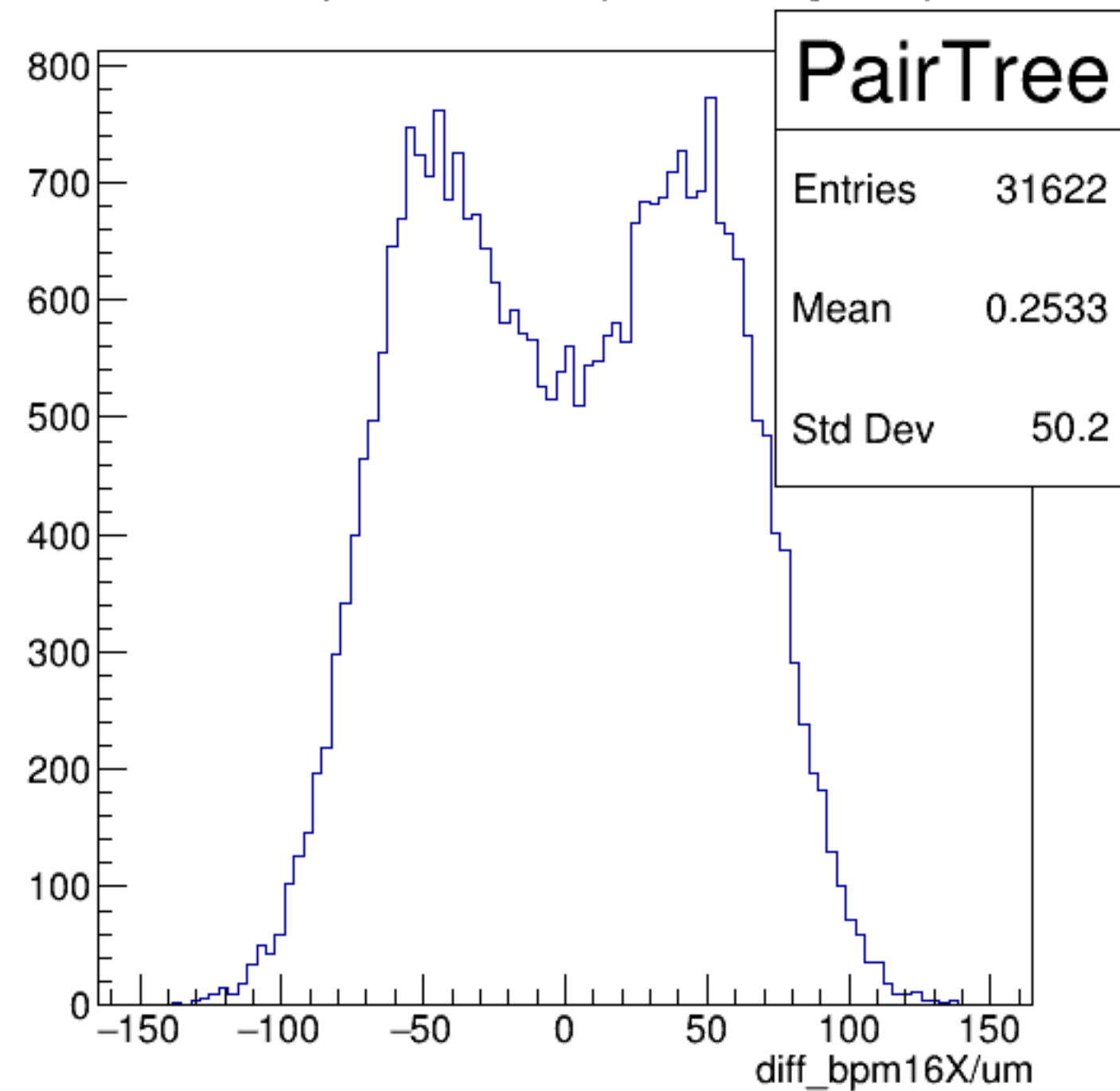
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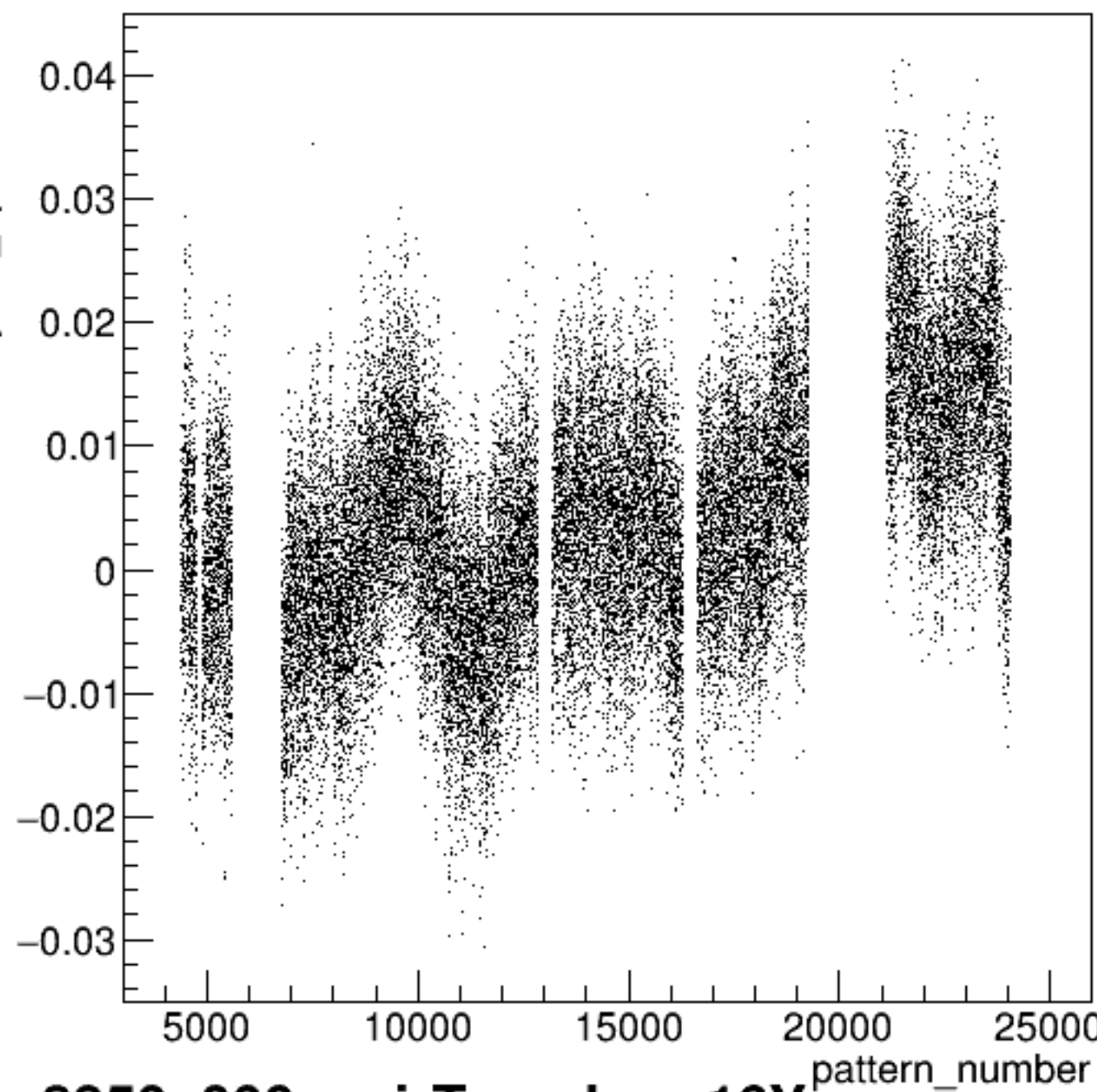
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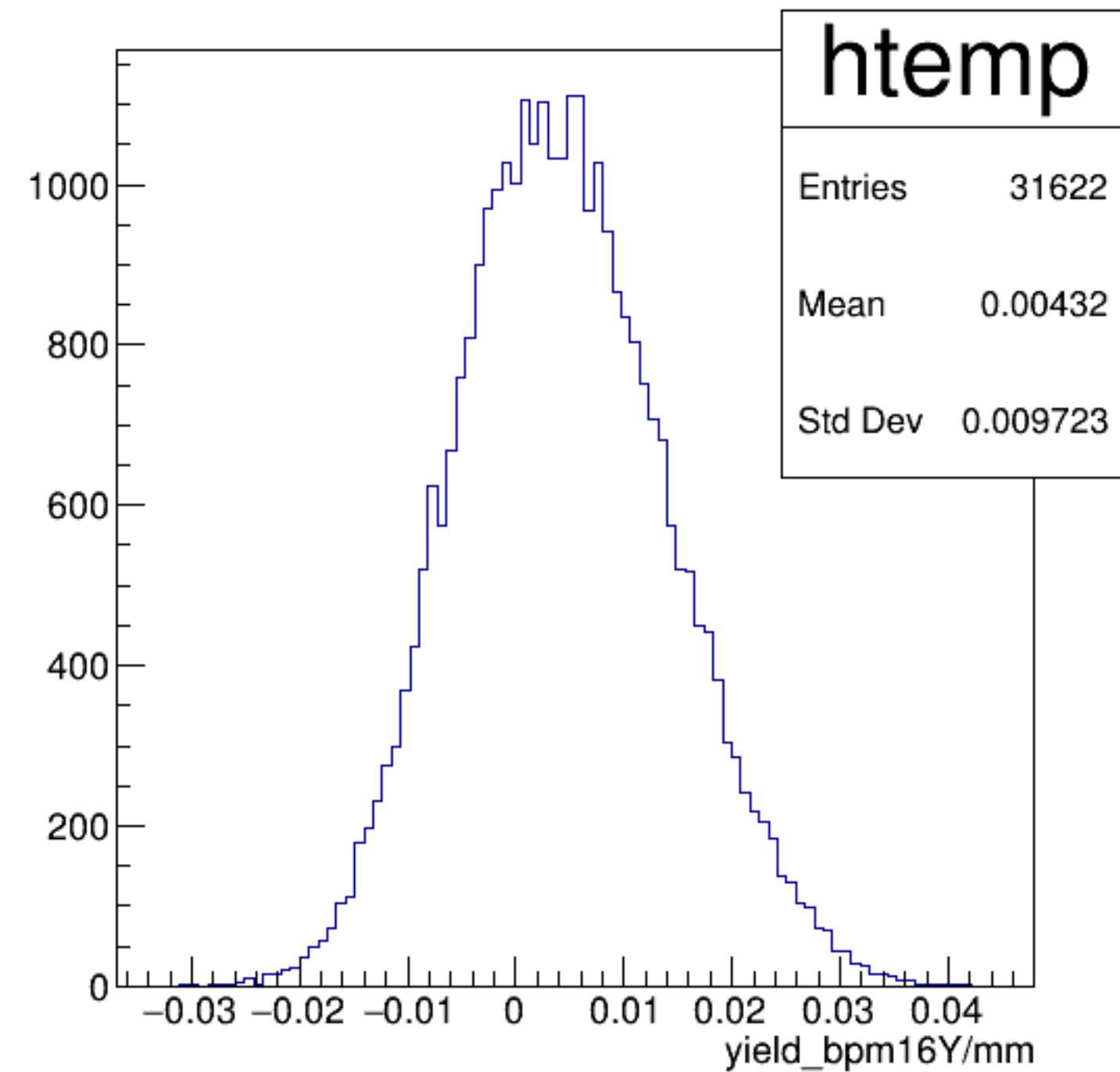


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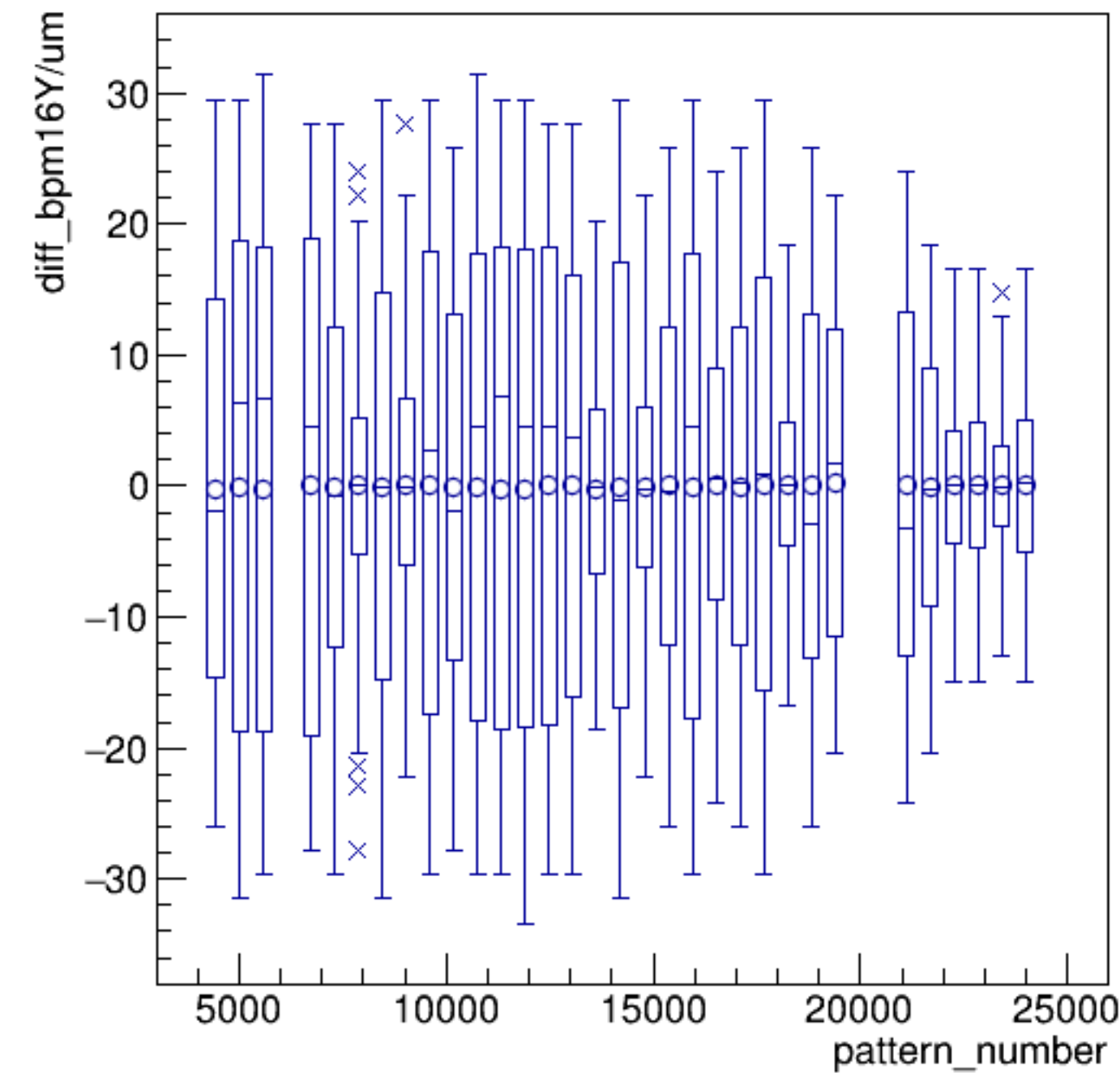


run8350_000_pairTree_bpm16Y.png

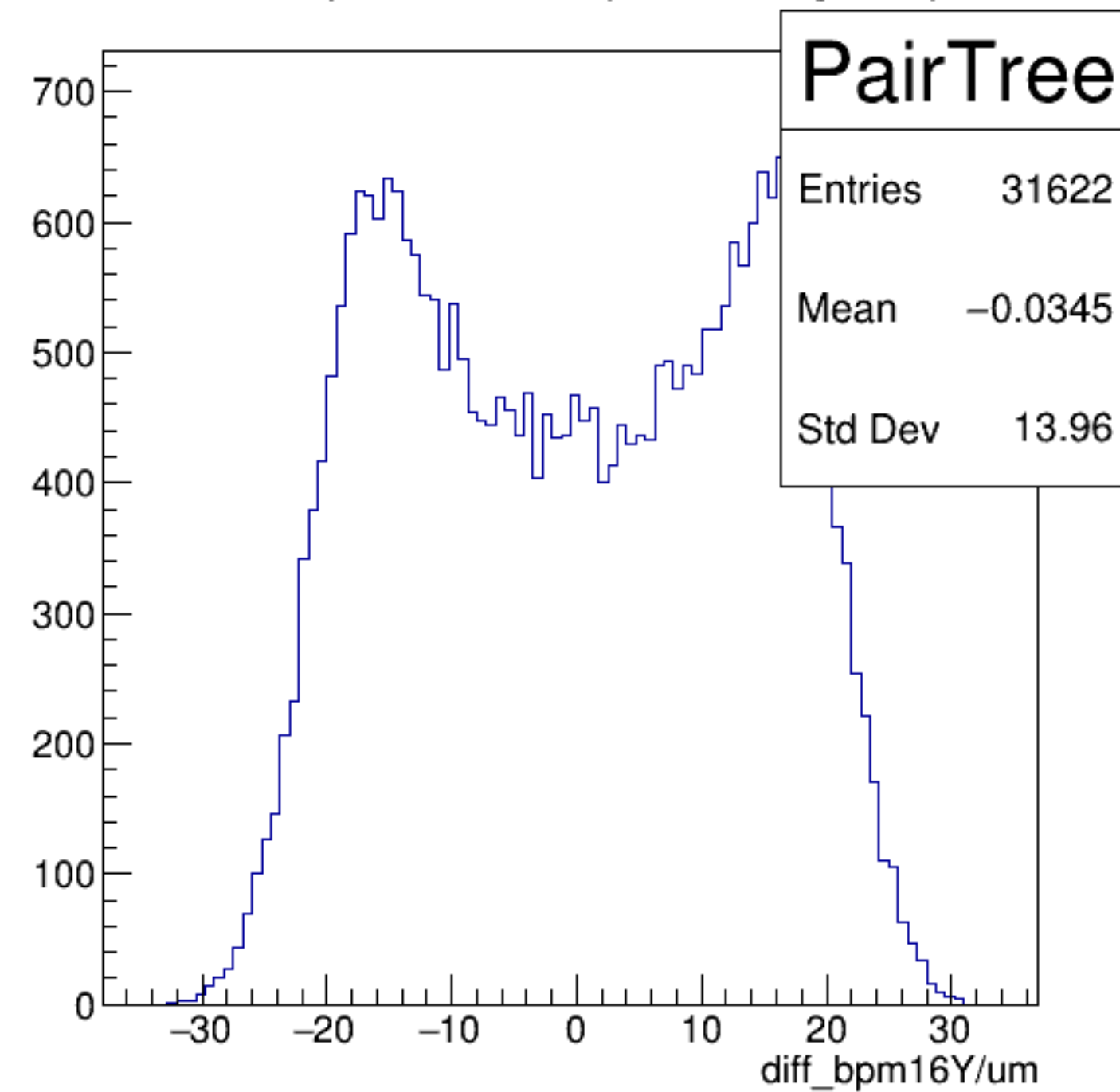
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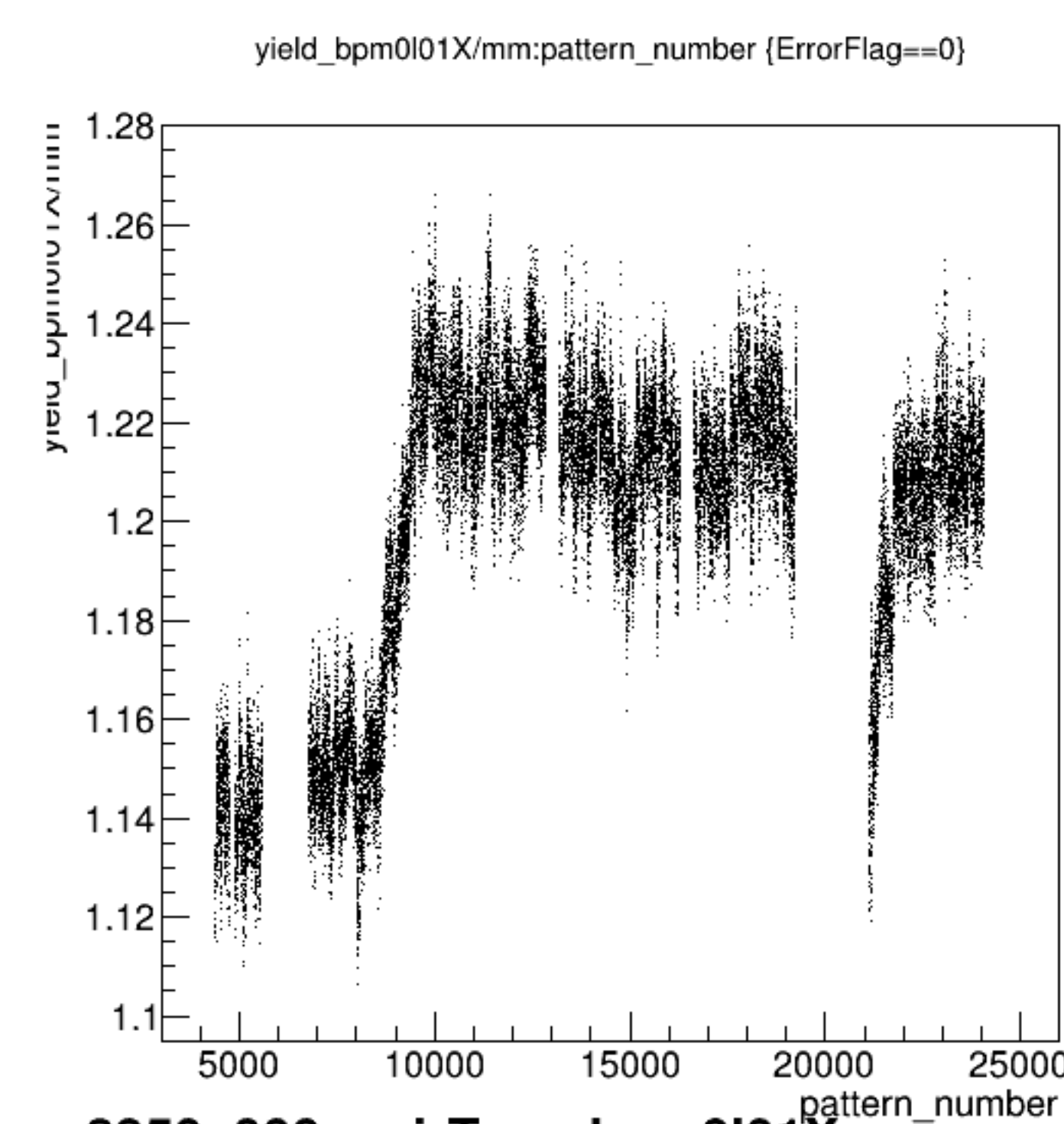


diff_bpm16Y/um:pattern_number {ErrorFlag==0}

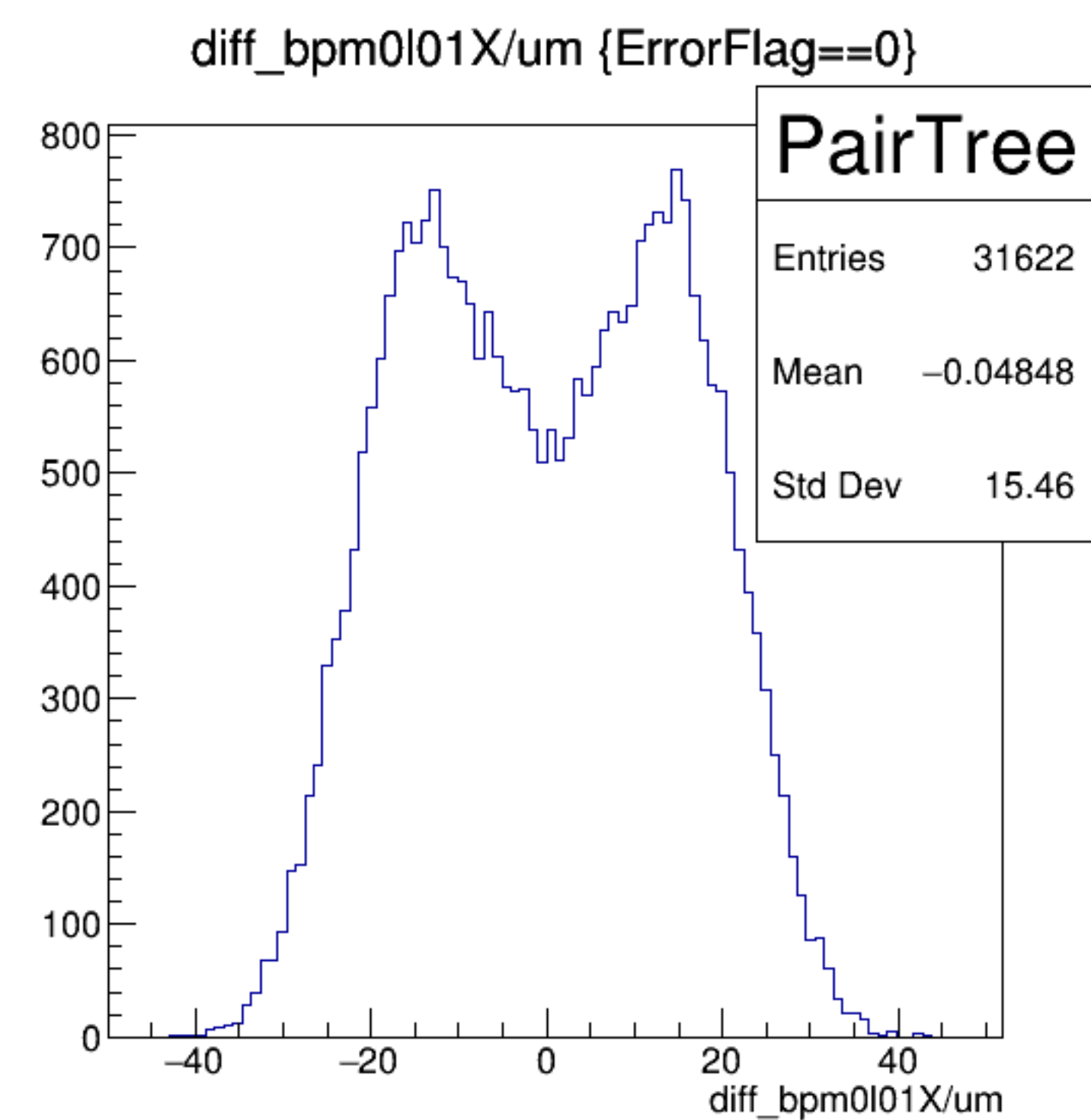
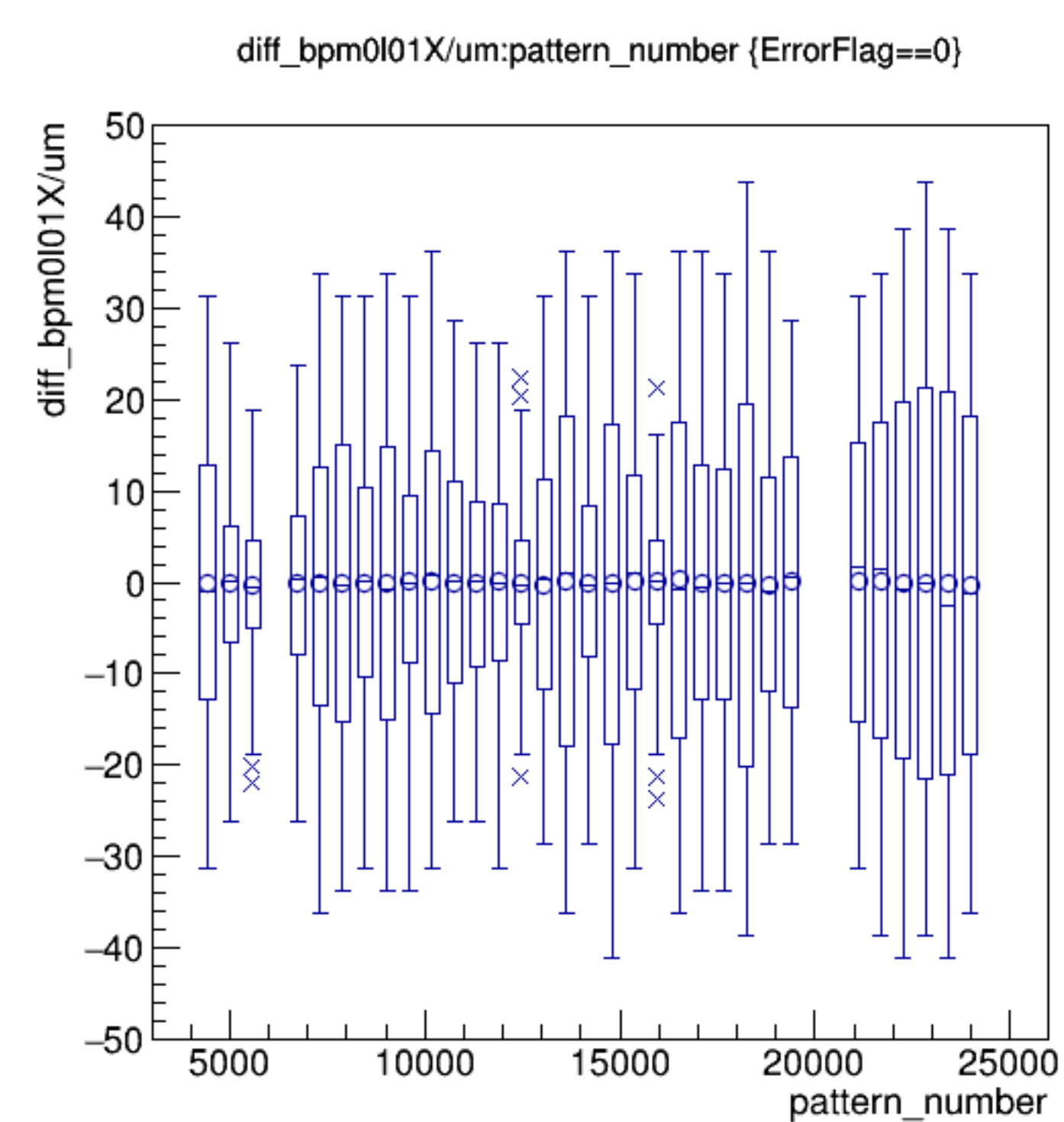
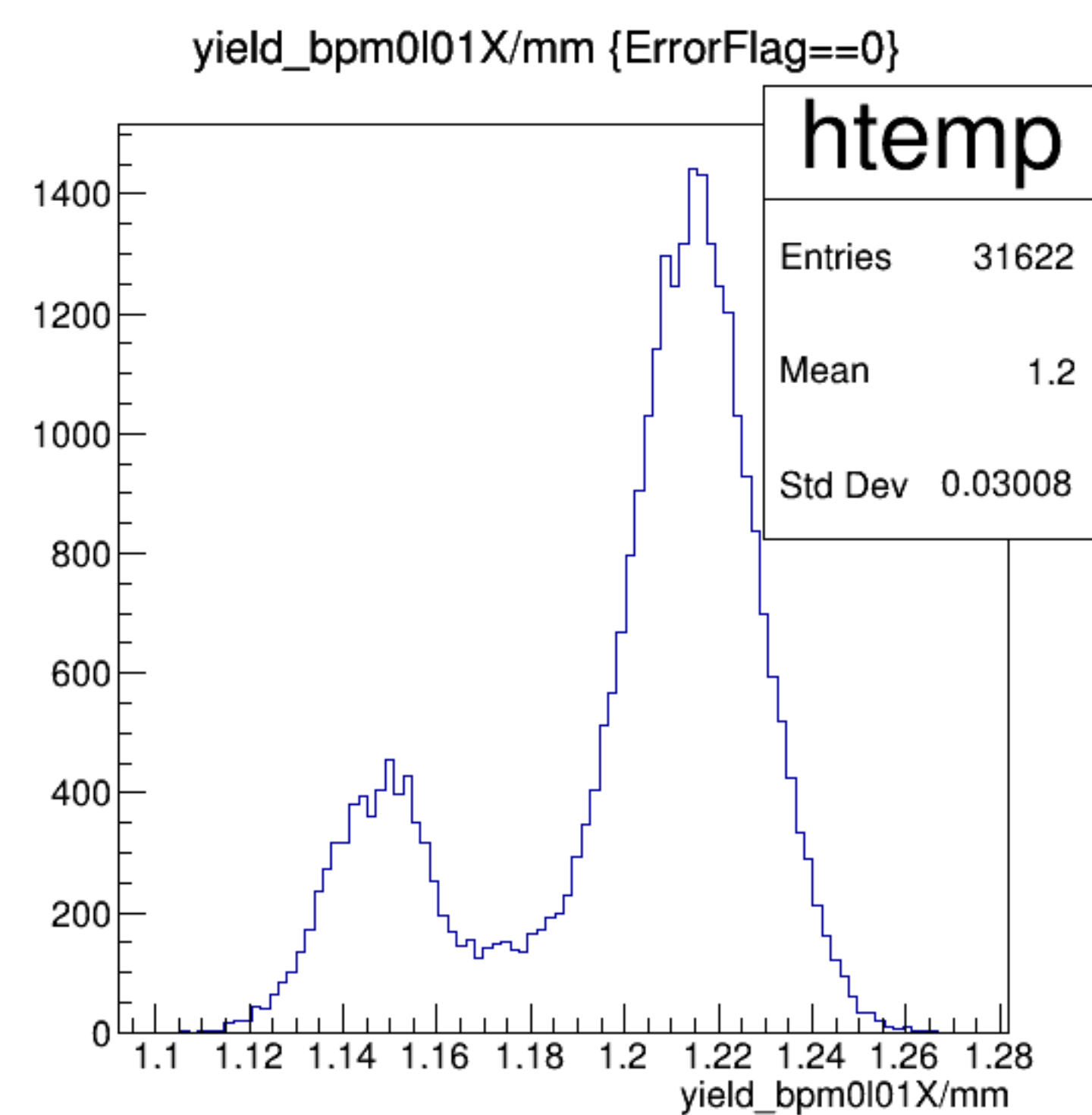


diff_bpm16Y/um {ErrorFlag==0}

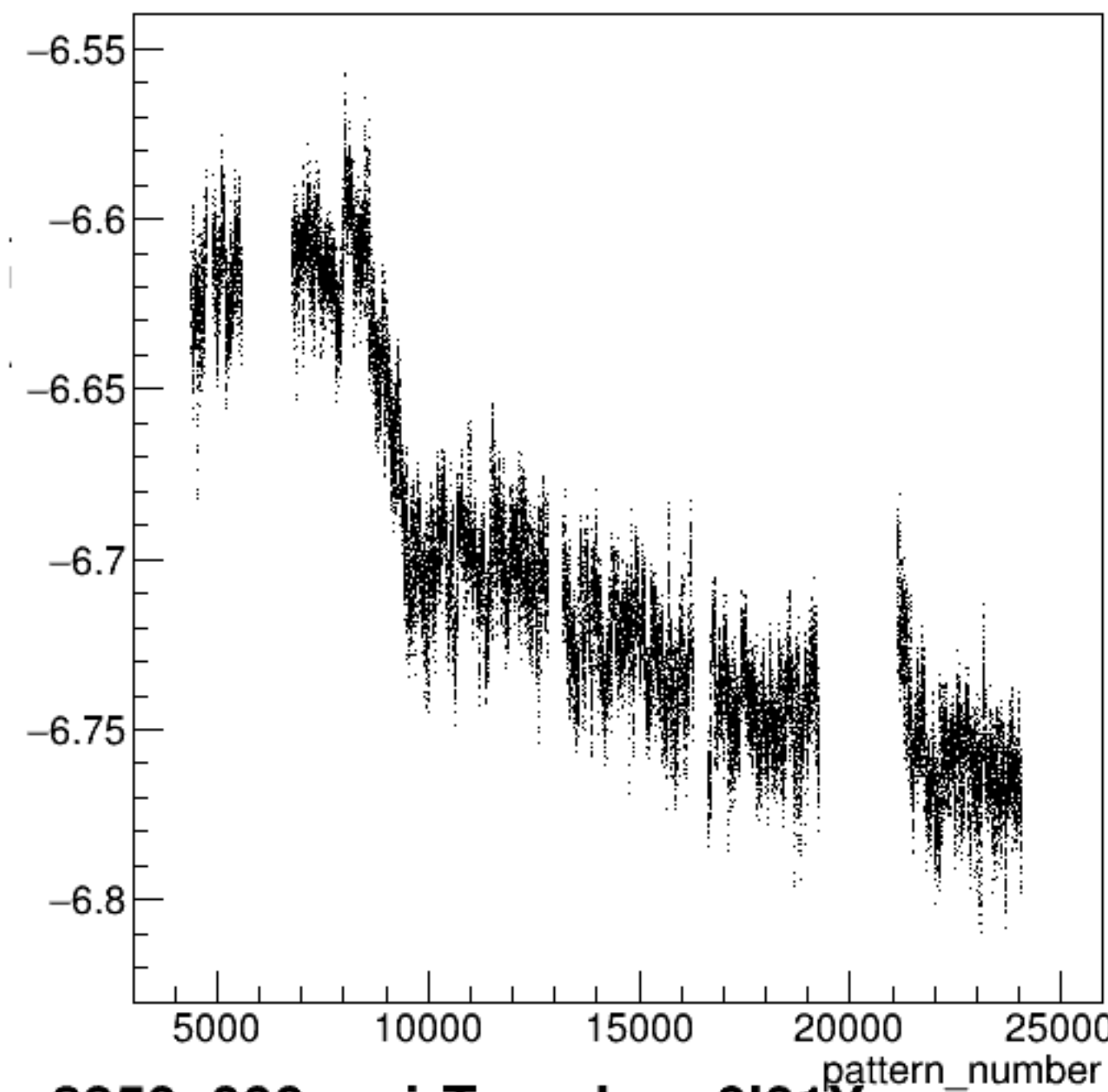




run8350_000_pairTree_bpm0l01X.png

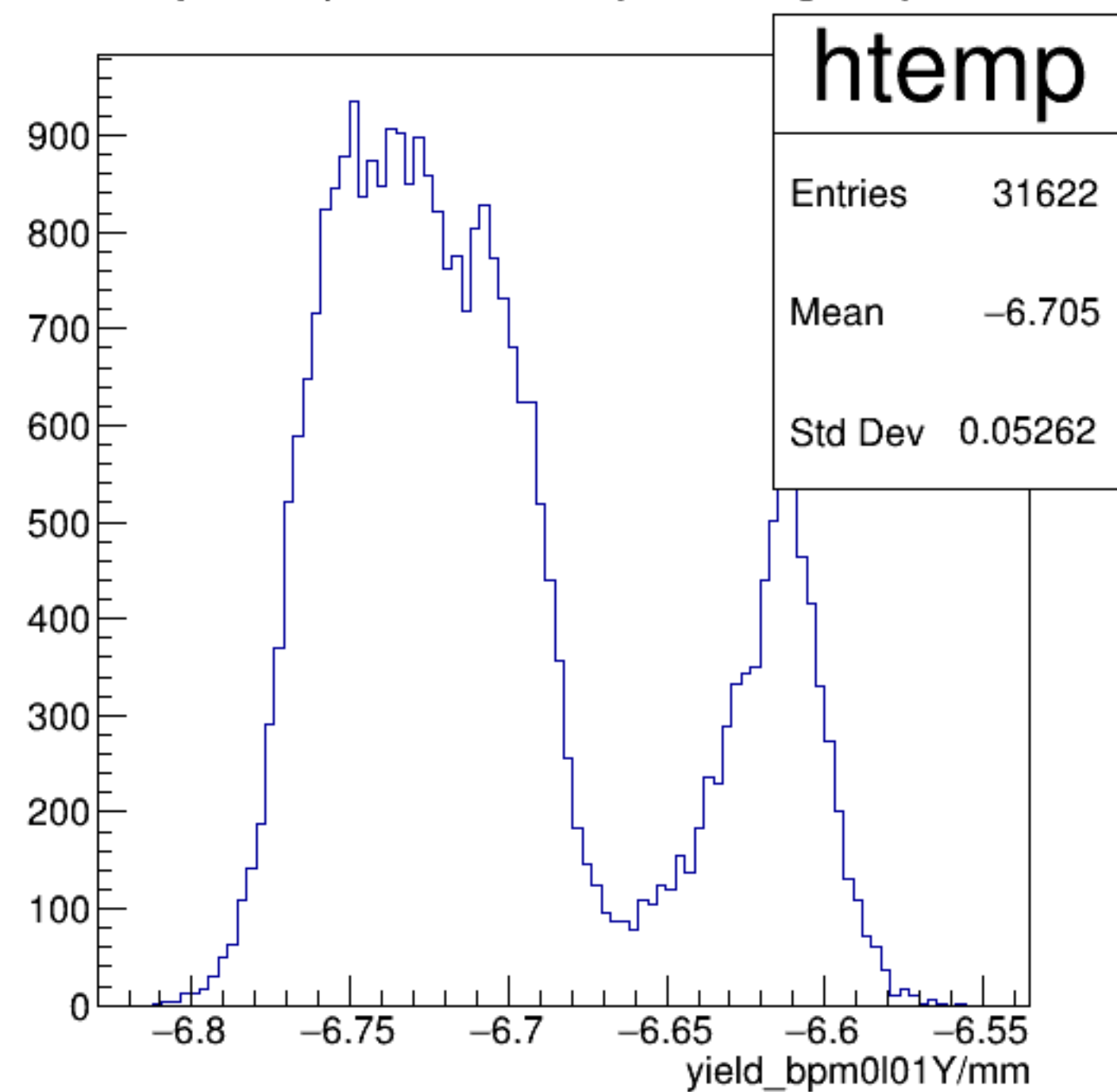


yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}

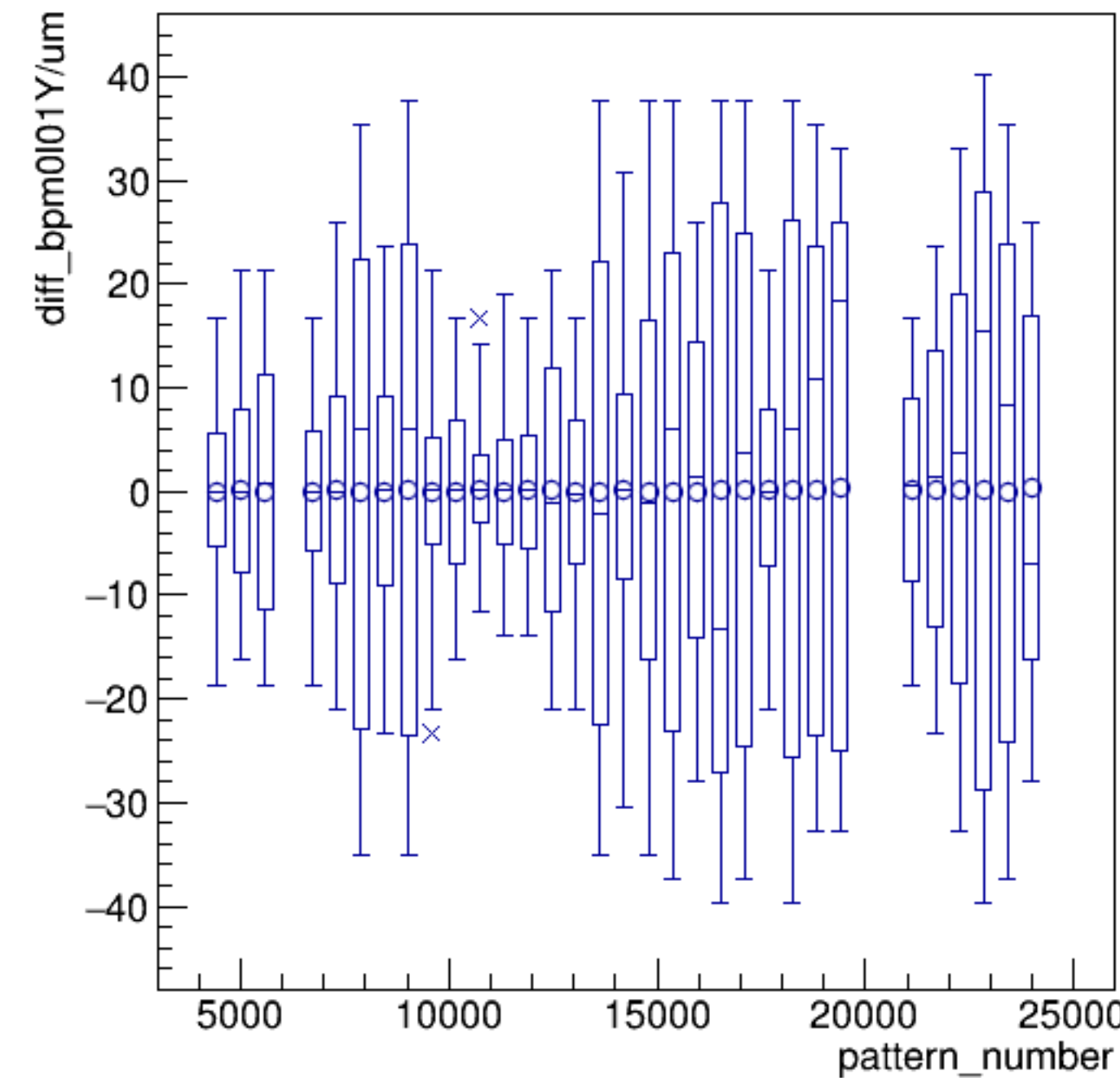


run8350_000_pairTree_bpm0l01Y.png

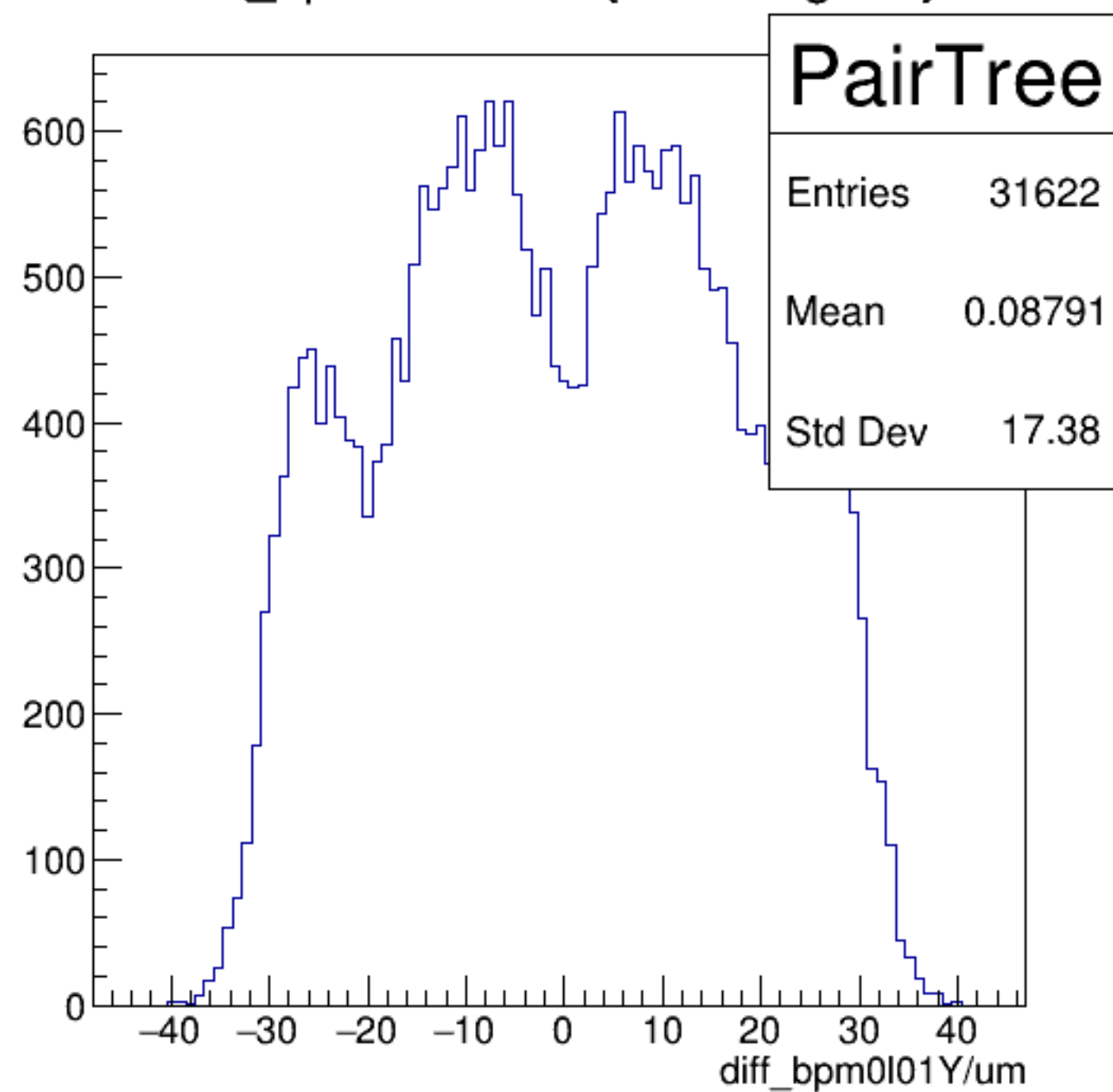
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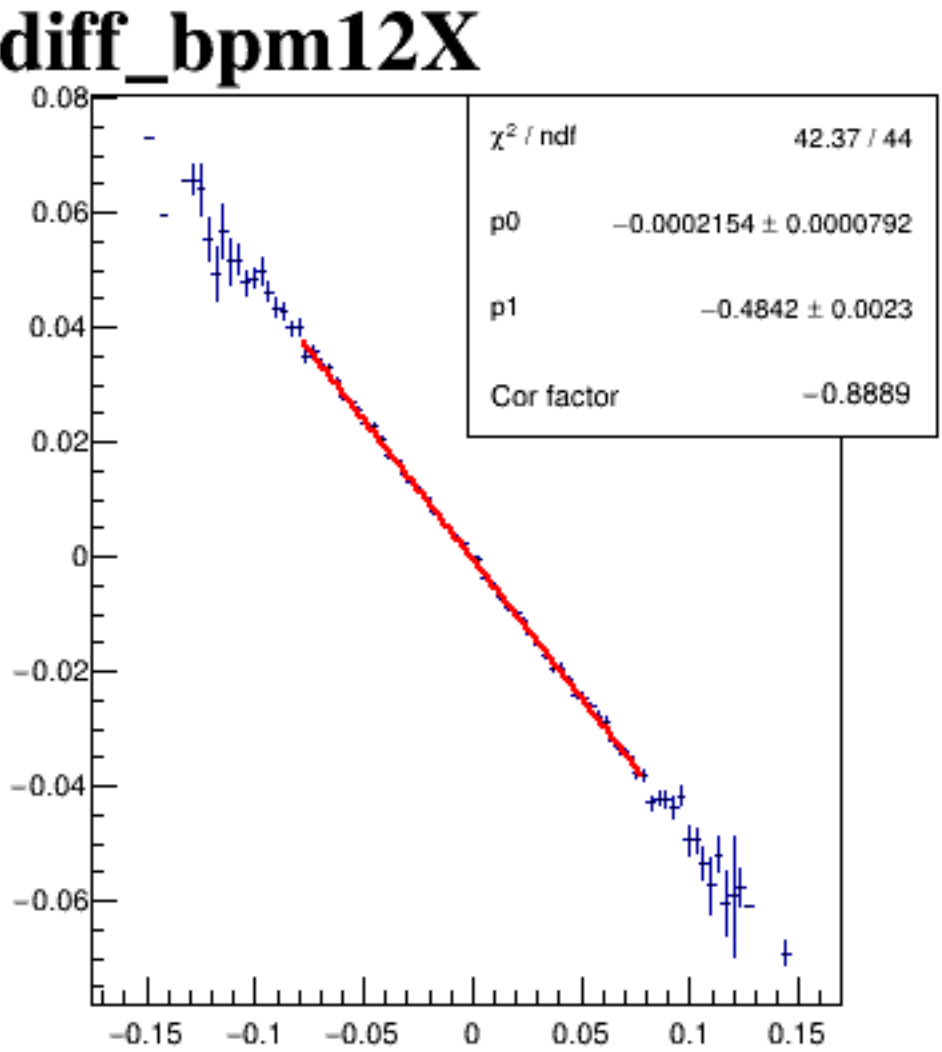
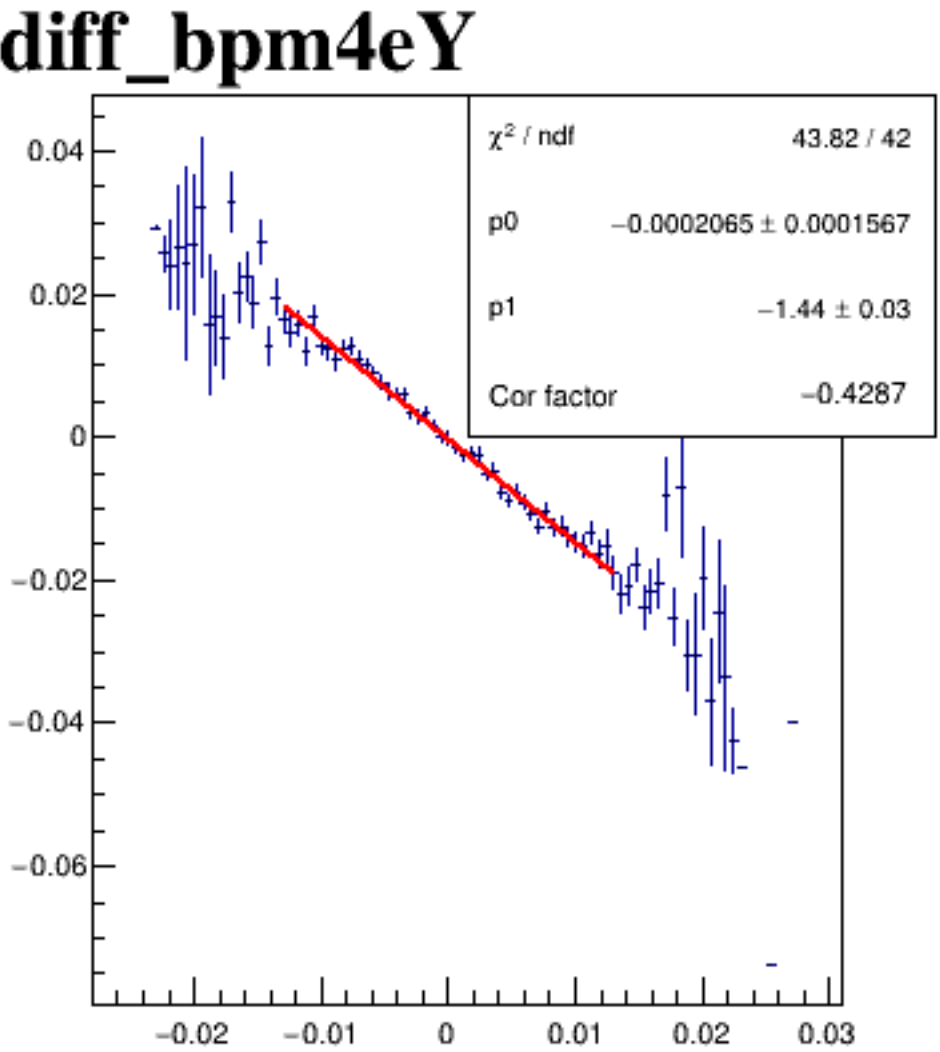
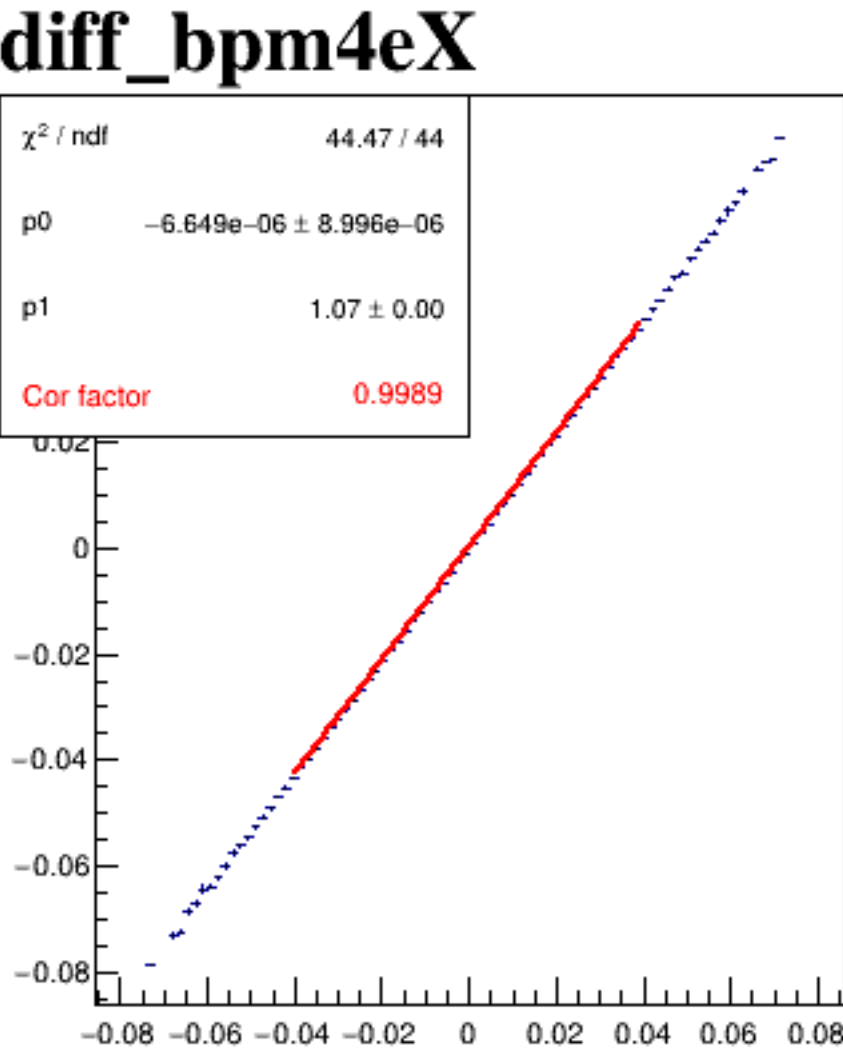
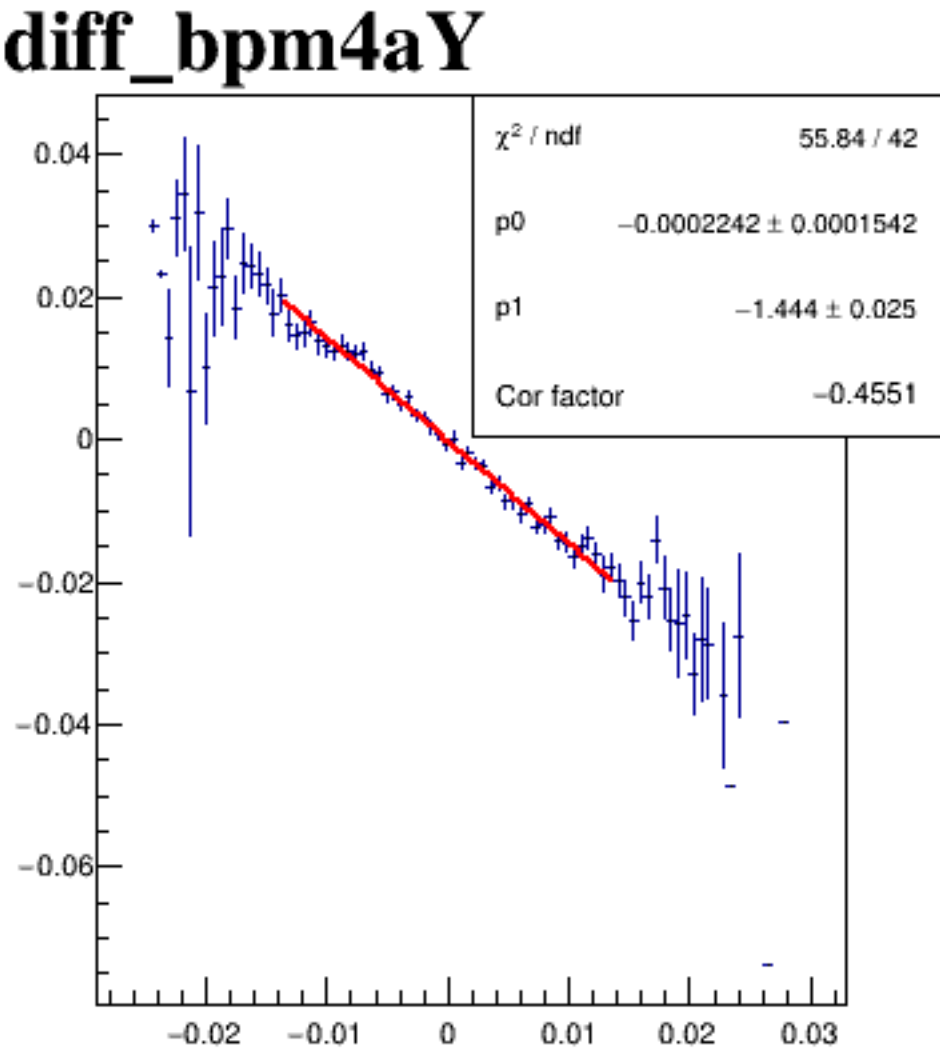
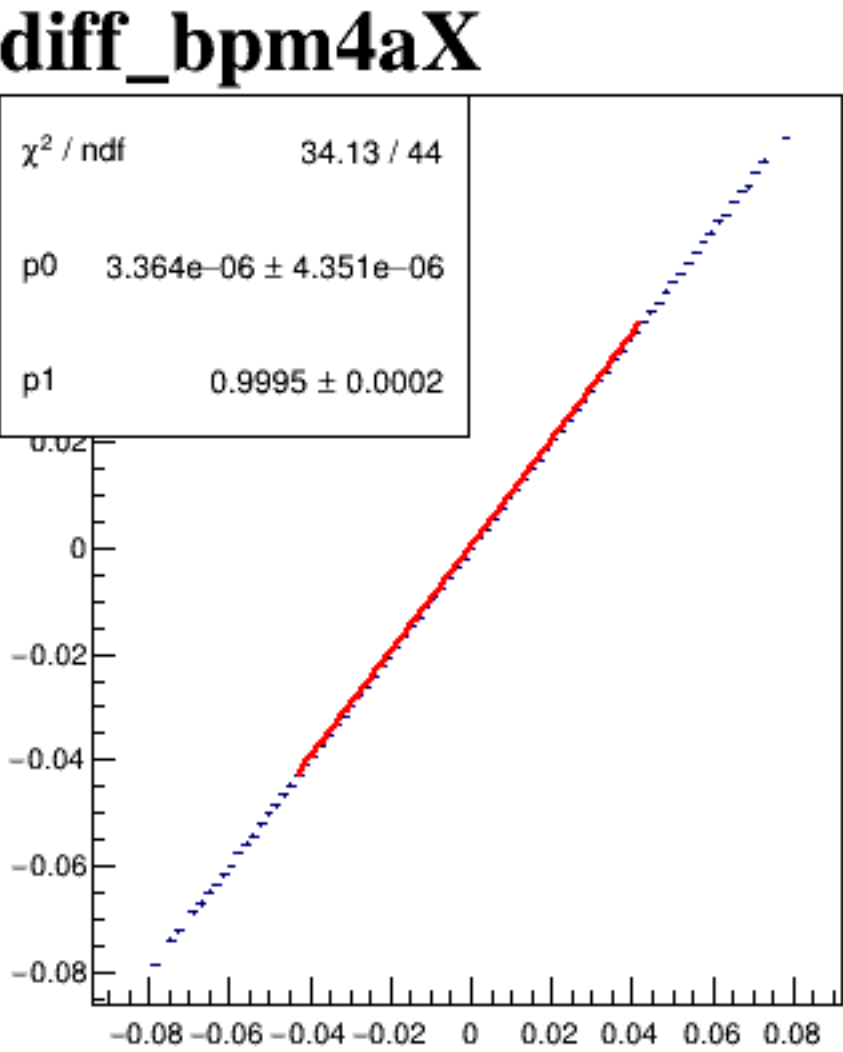


diff_bpm0l01Y/um {ErrorFlag==0}

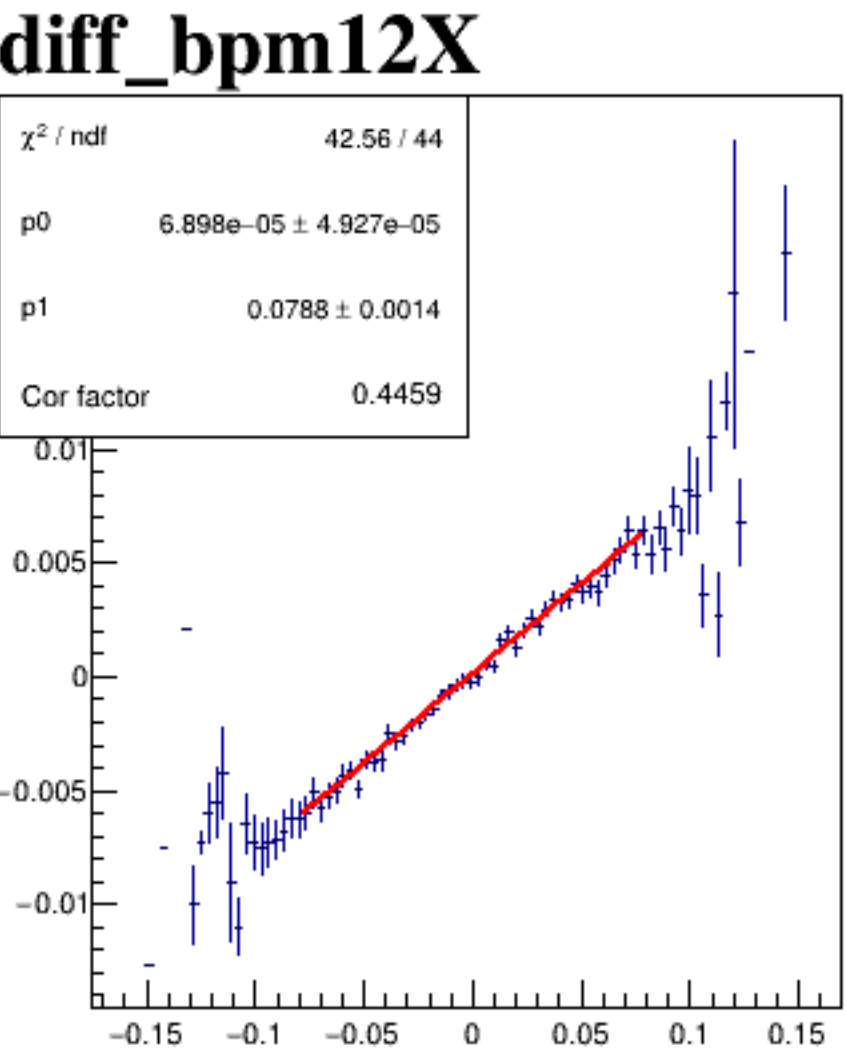
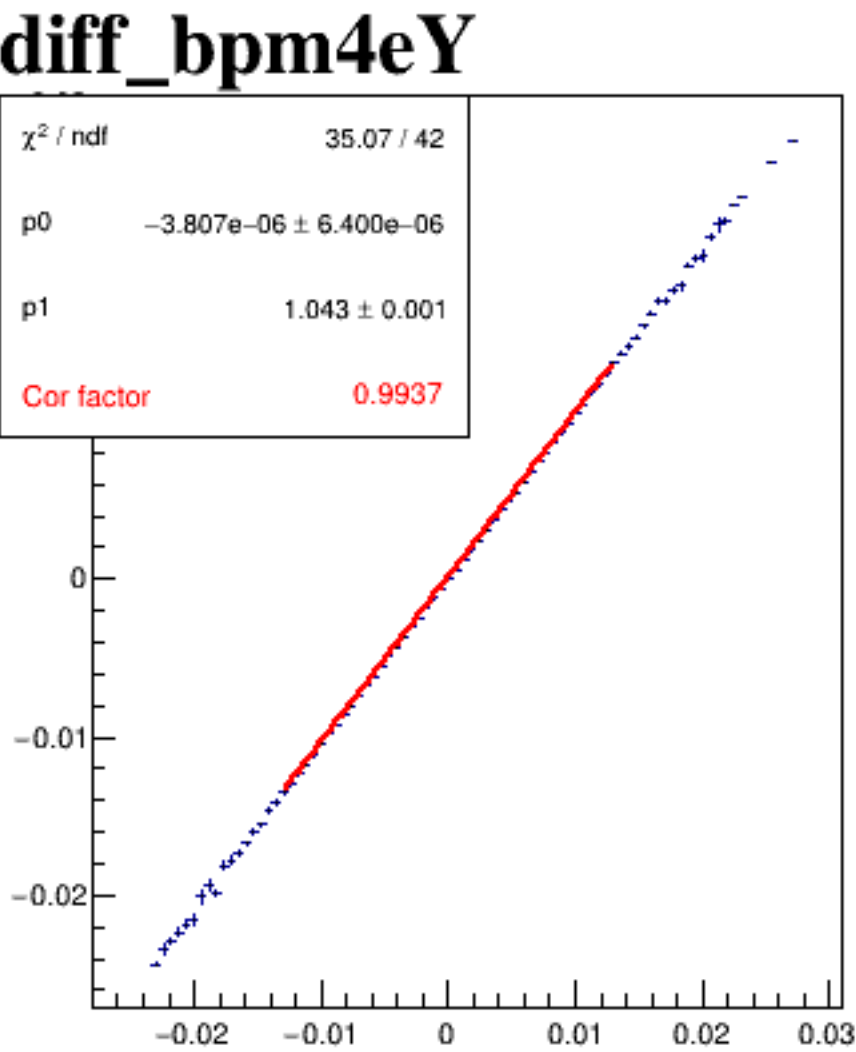
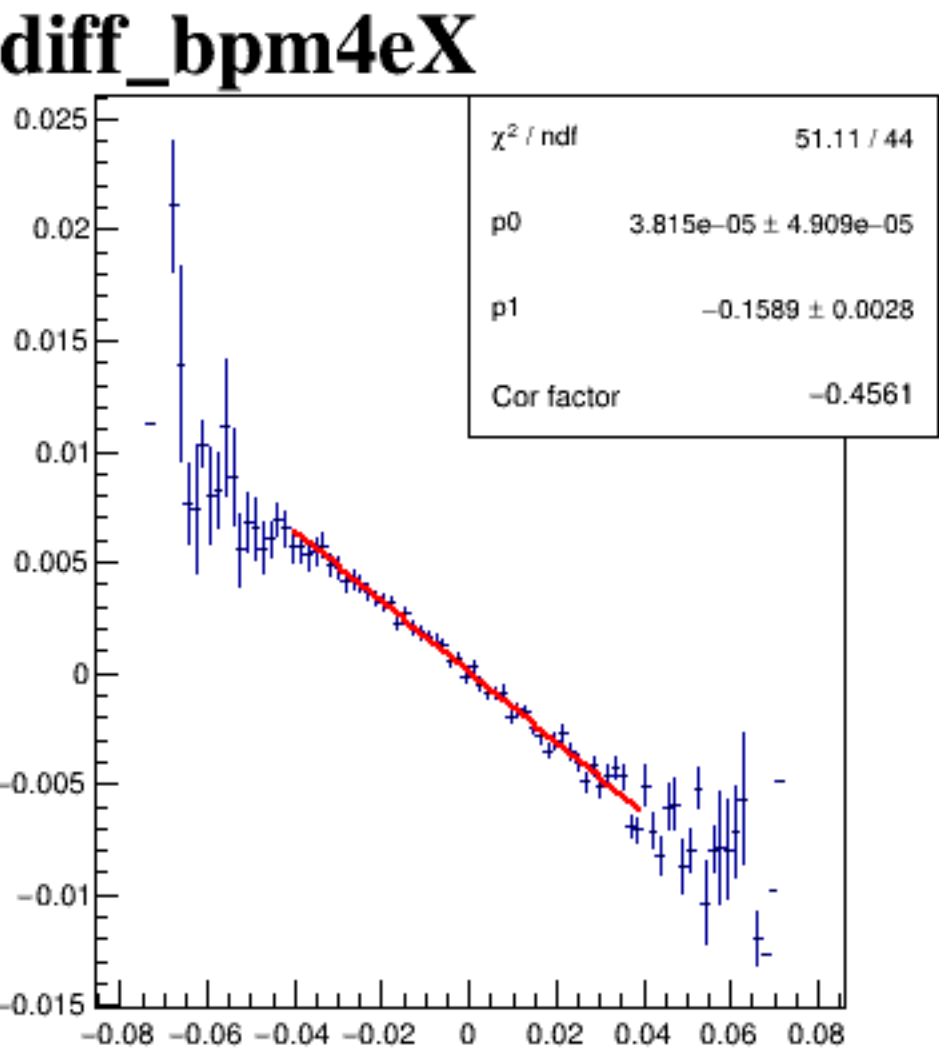
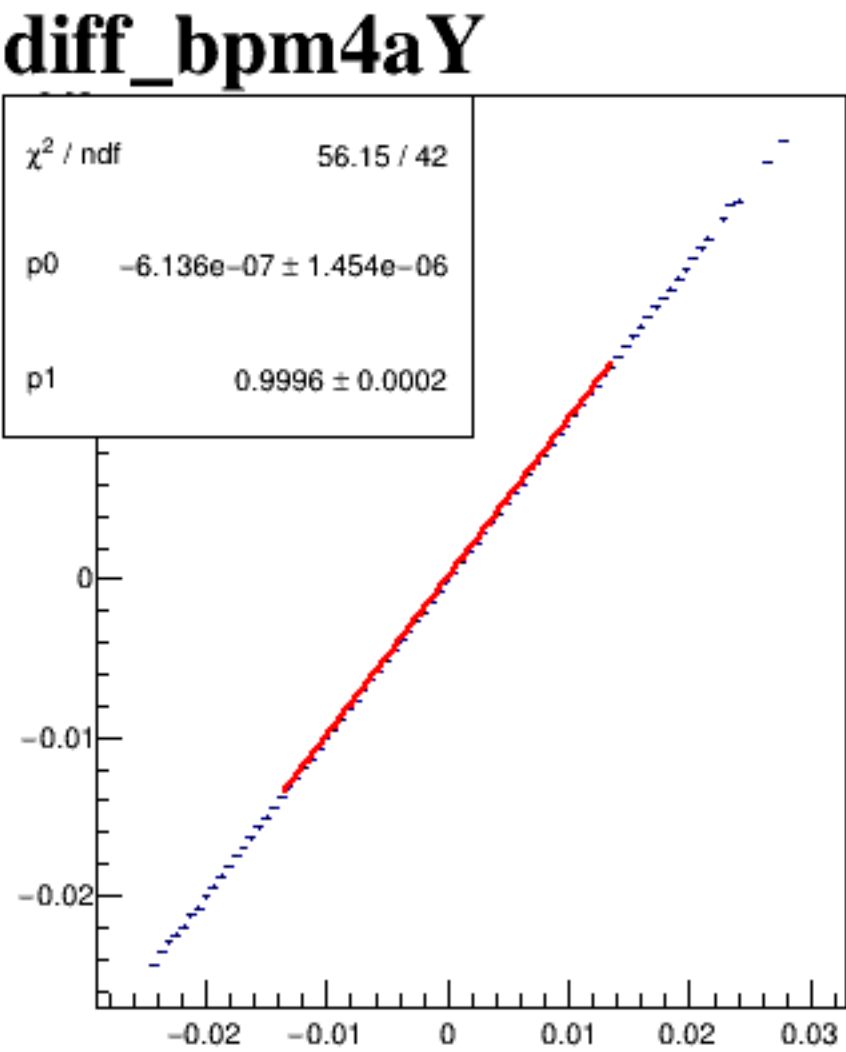
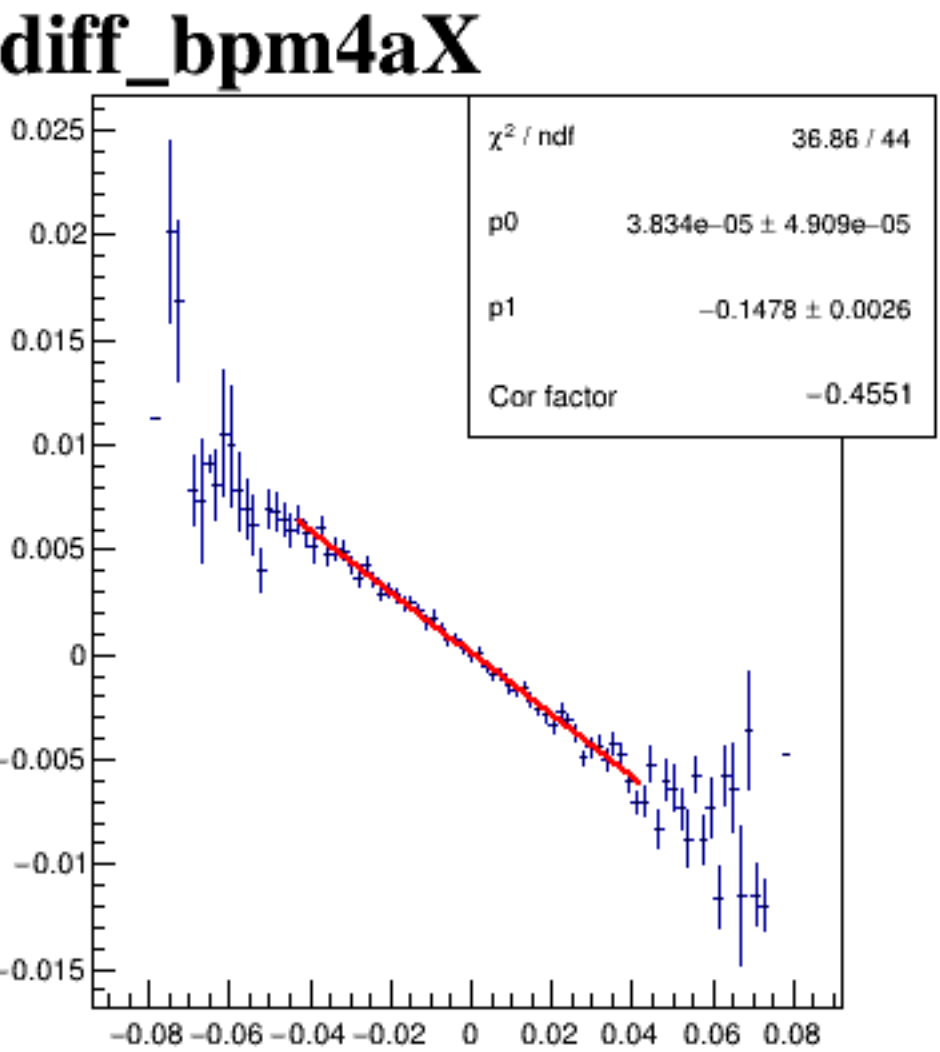


run8350_000_diff_bpm_mutual_correlation_COLZ_default.png

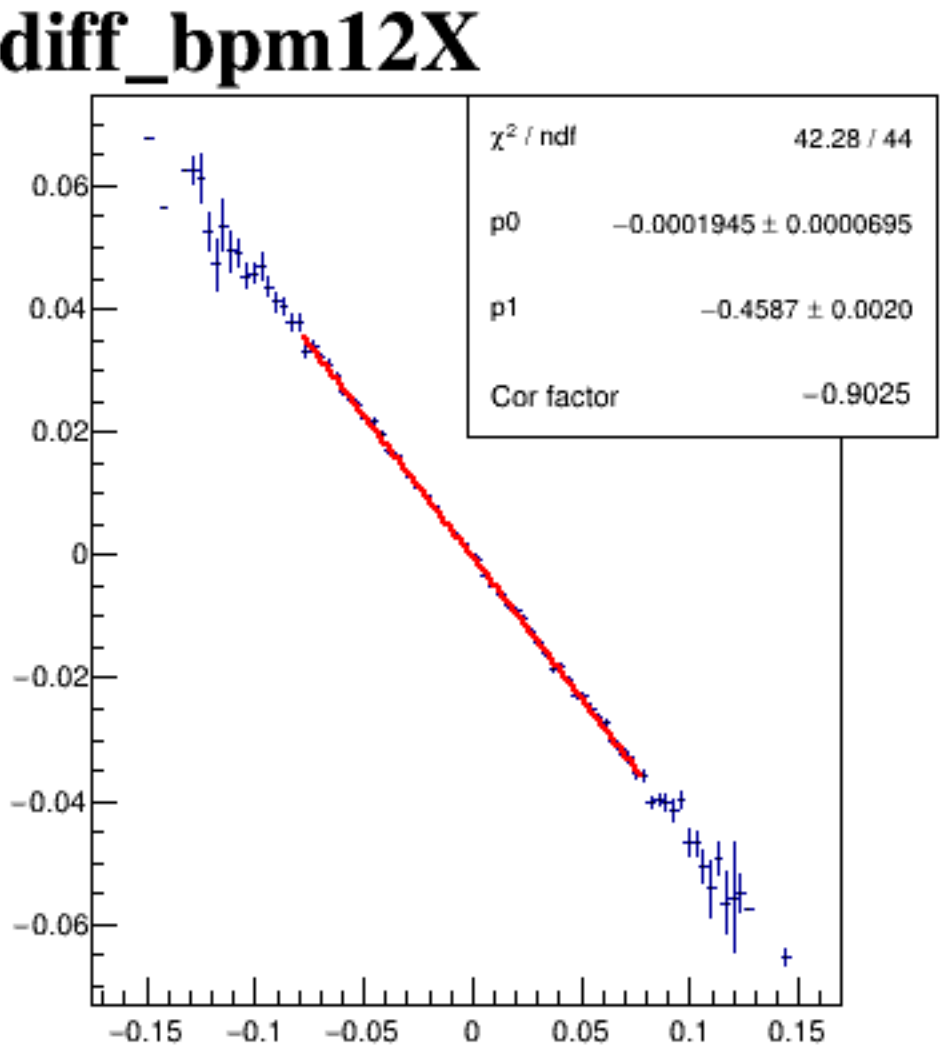
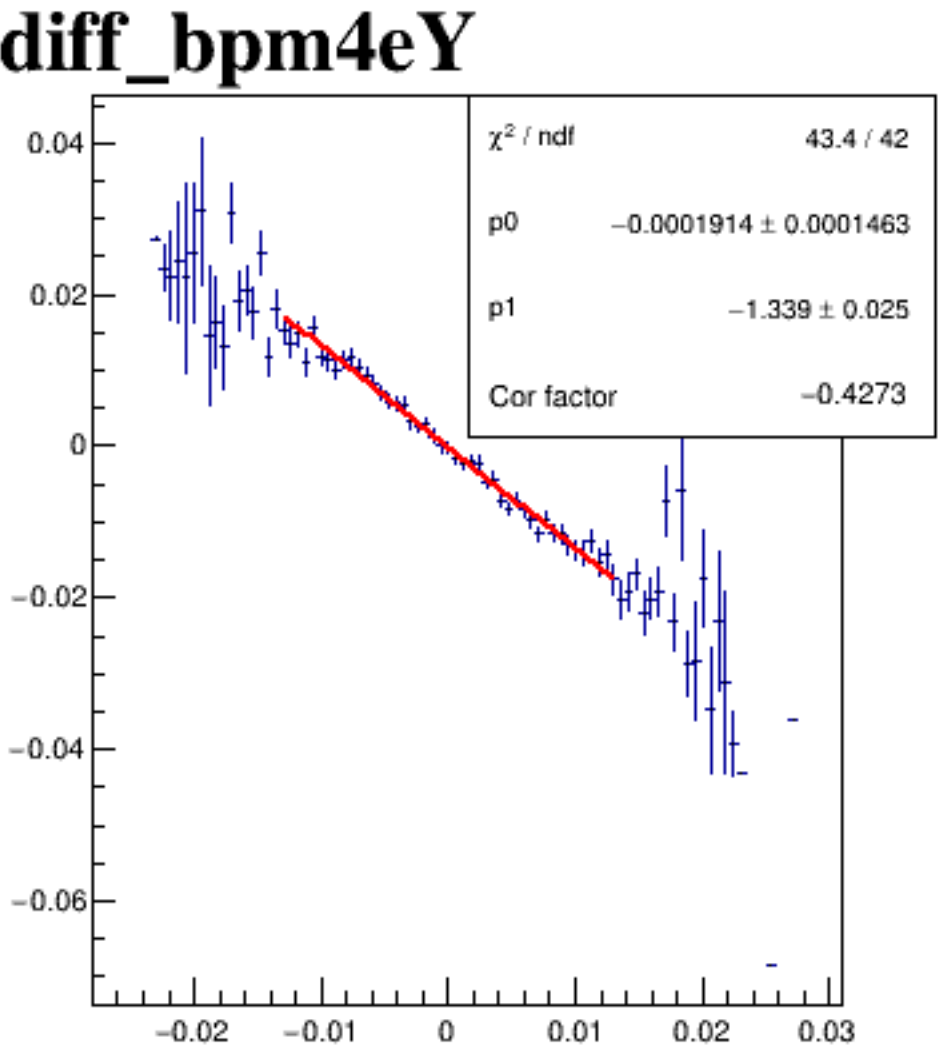
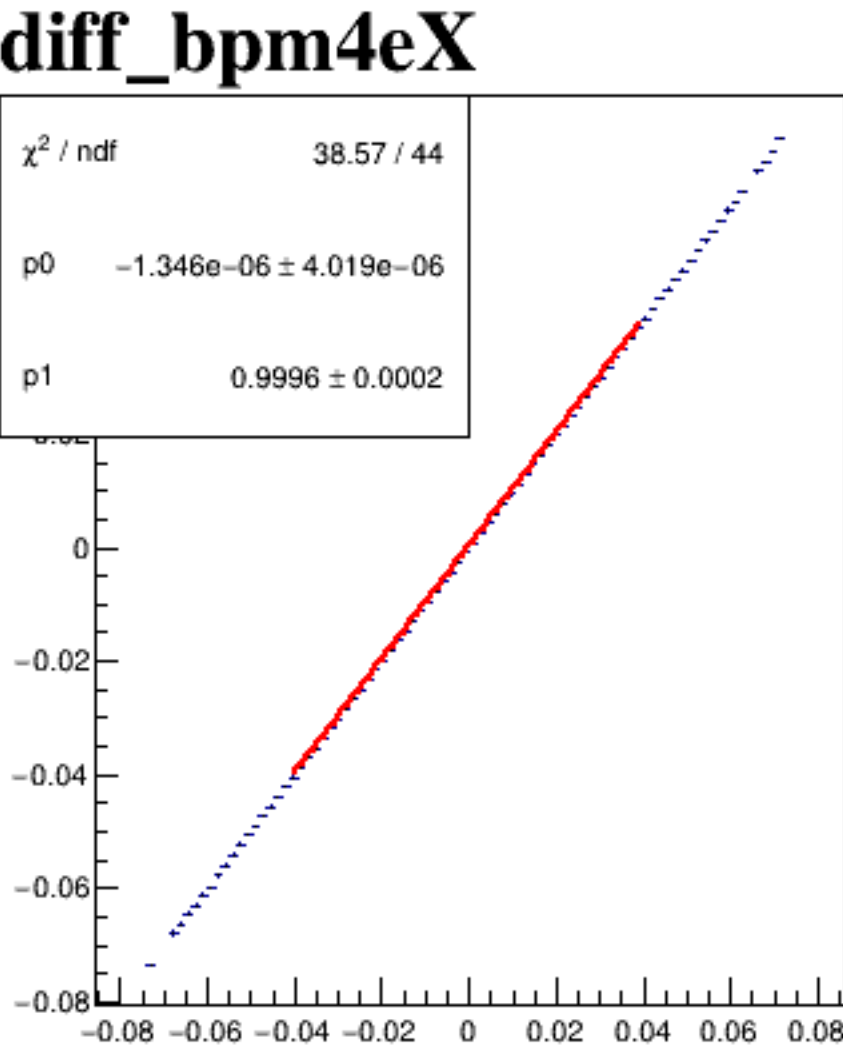
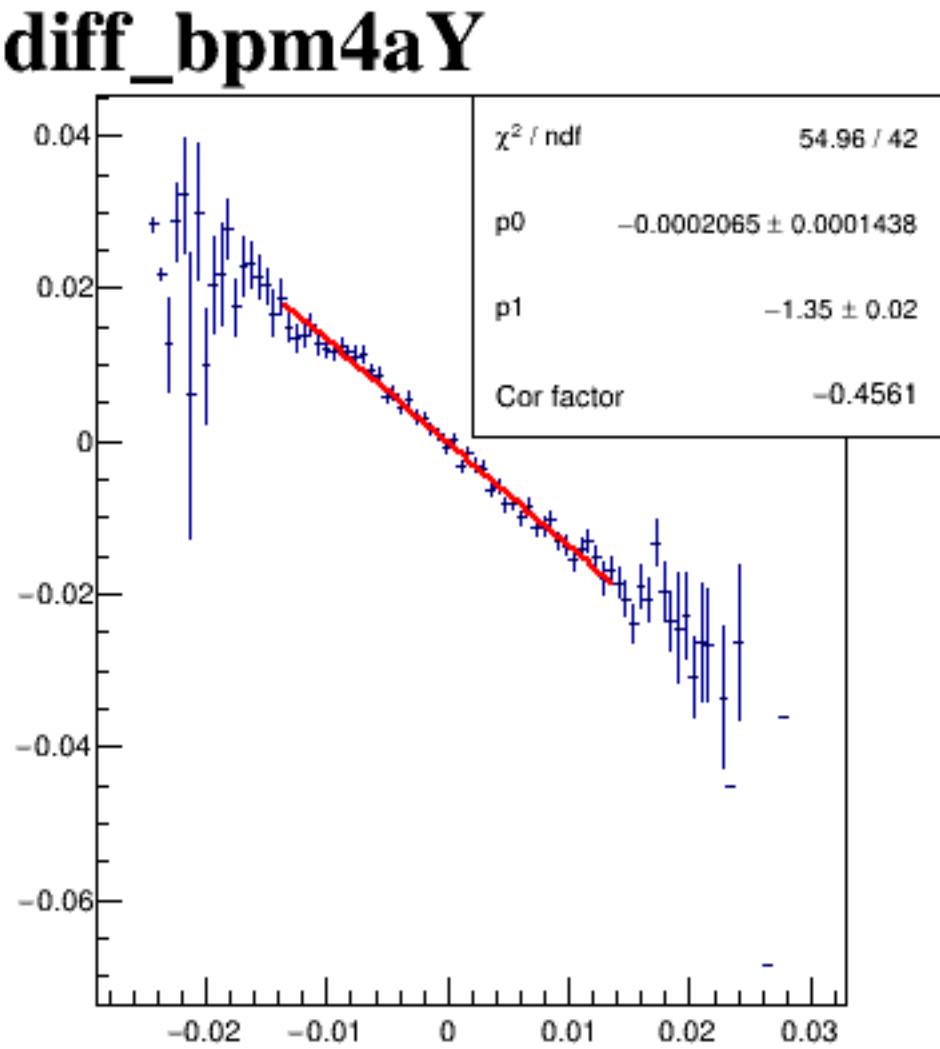
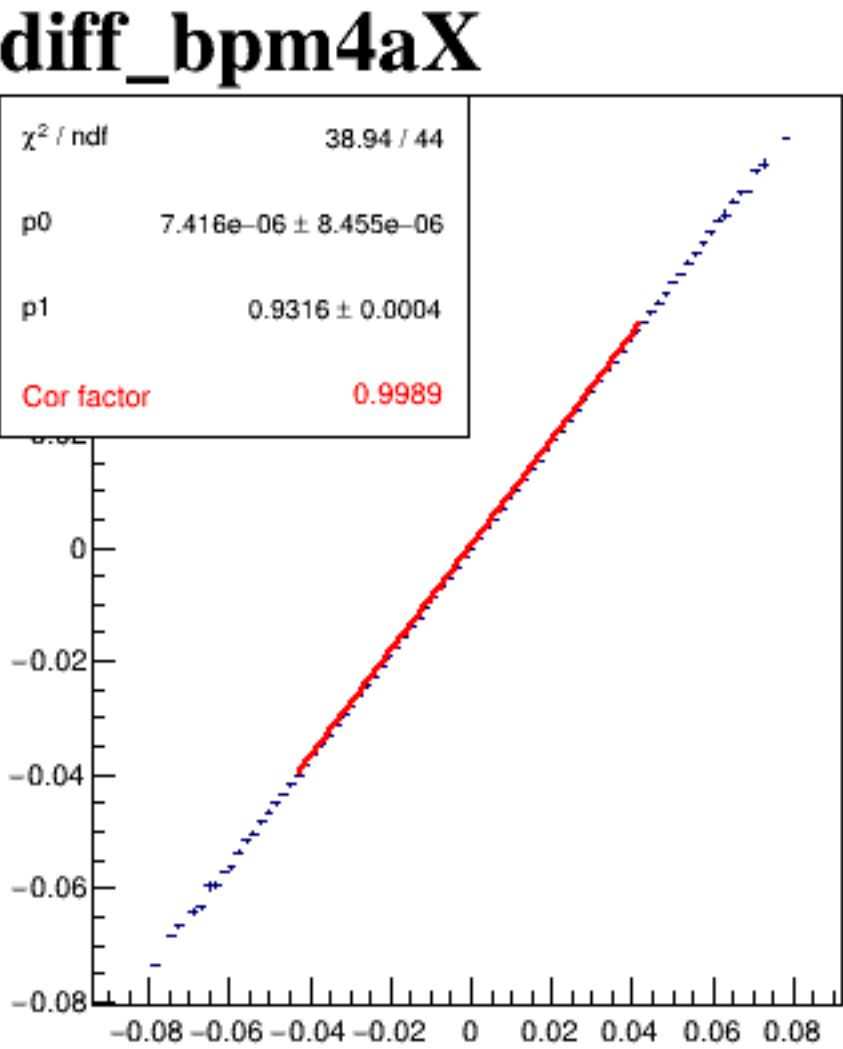
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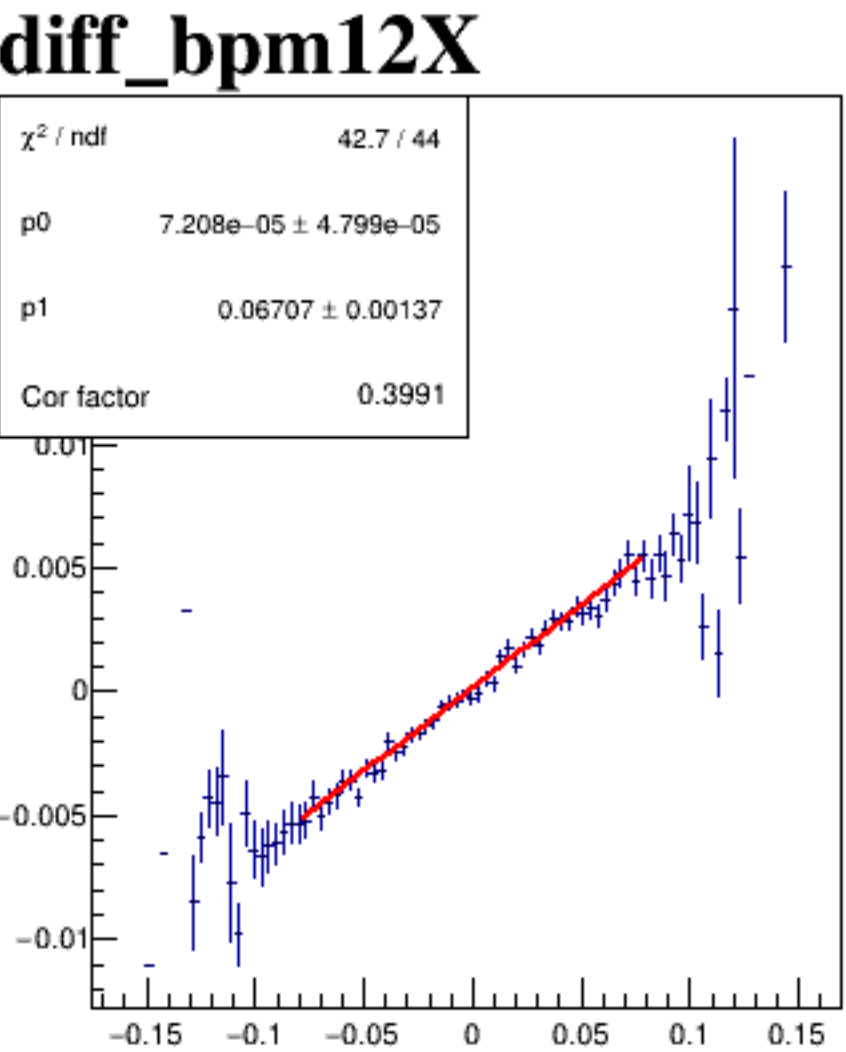
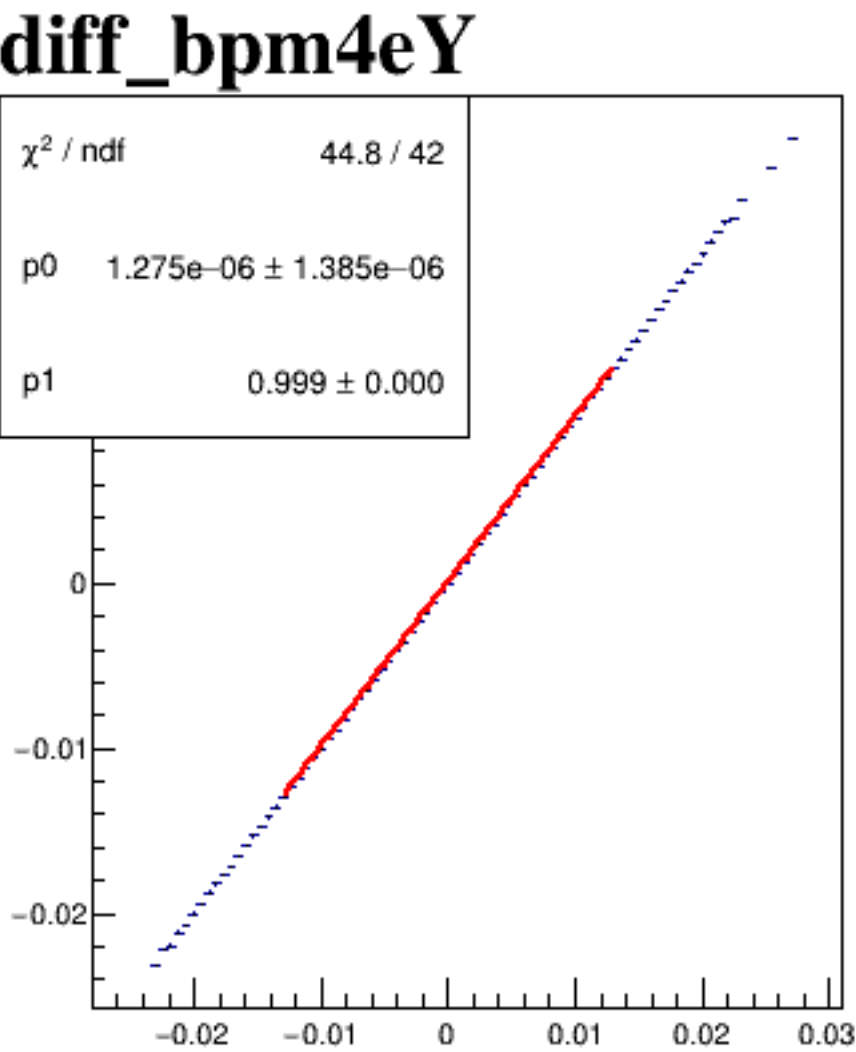
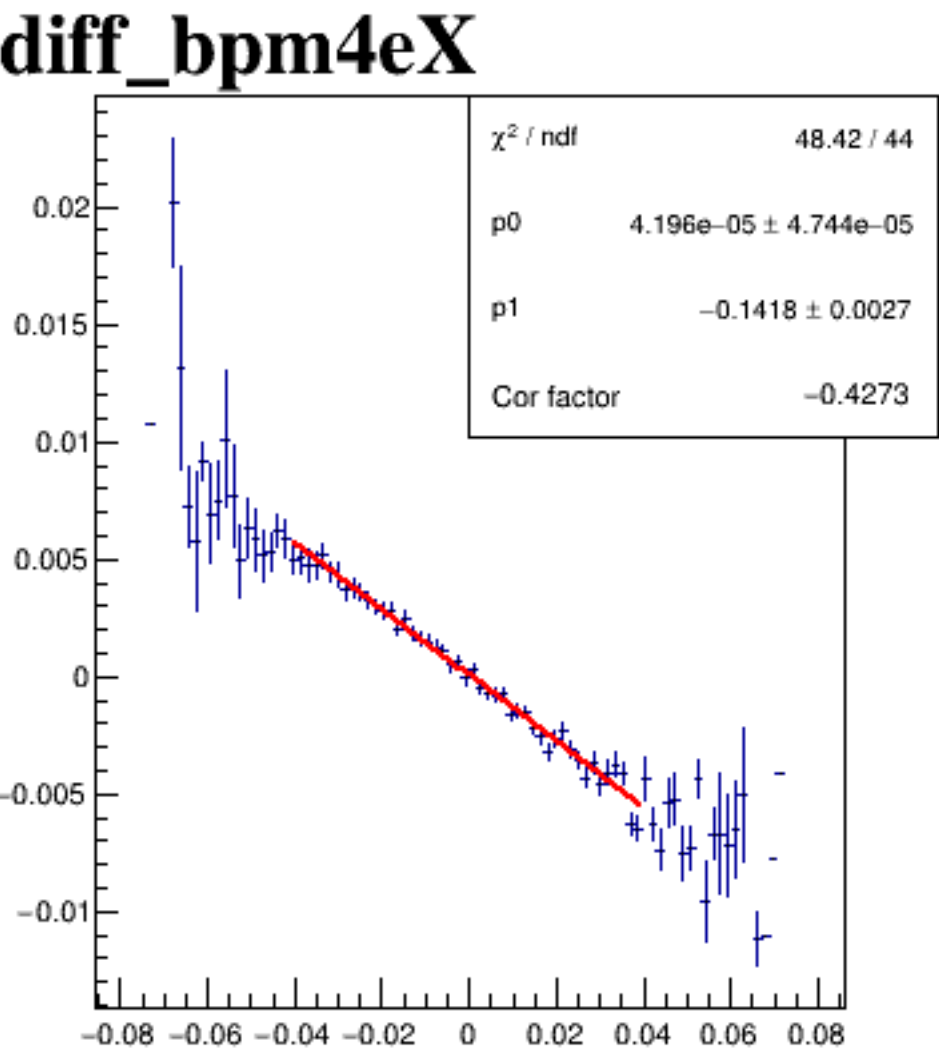
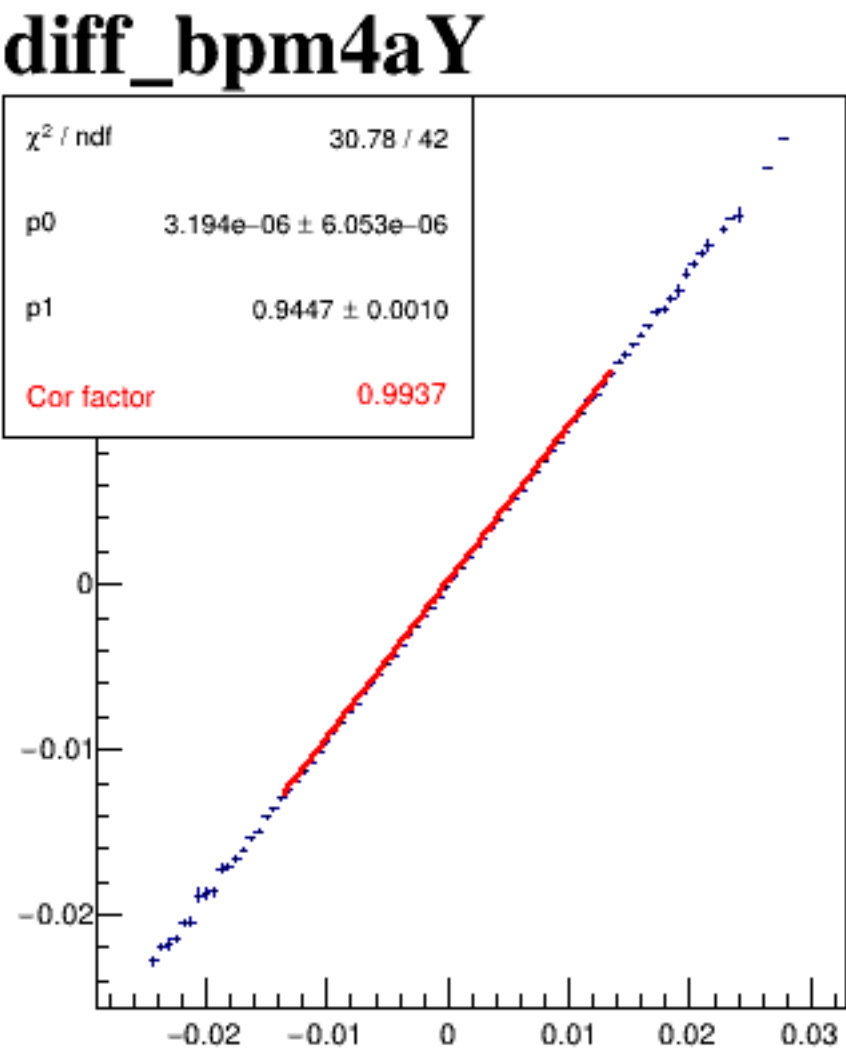
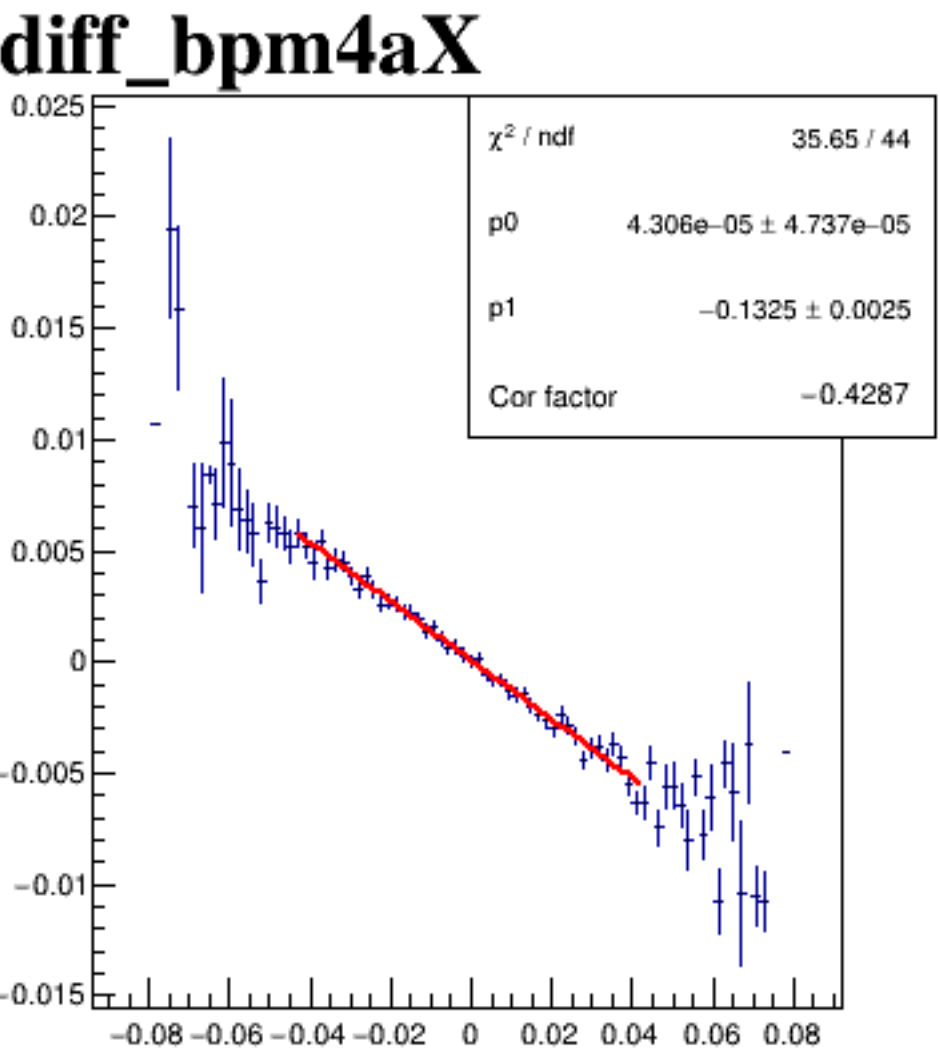
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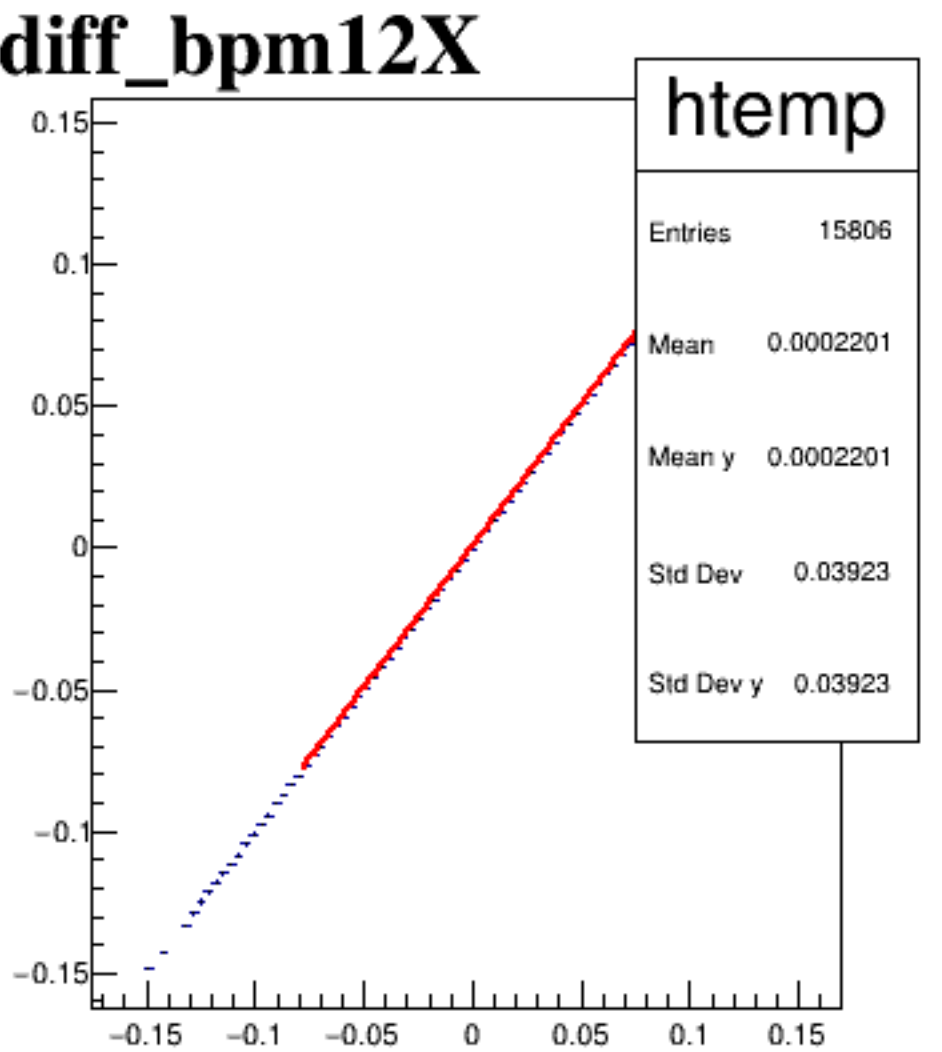
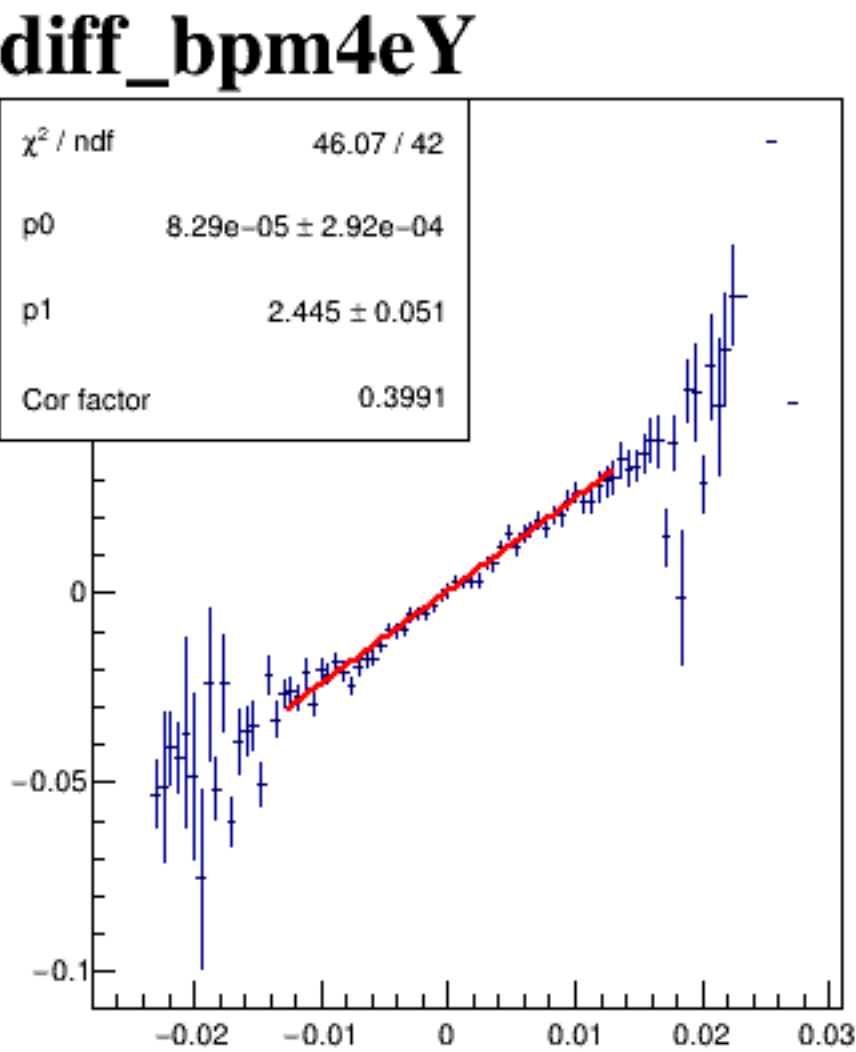
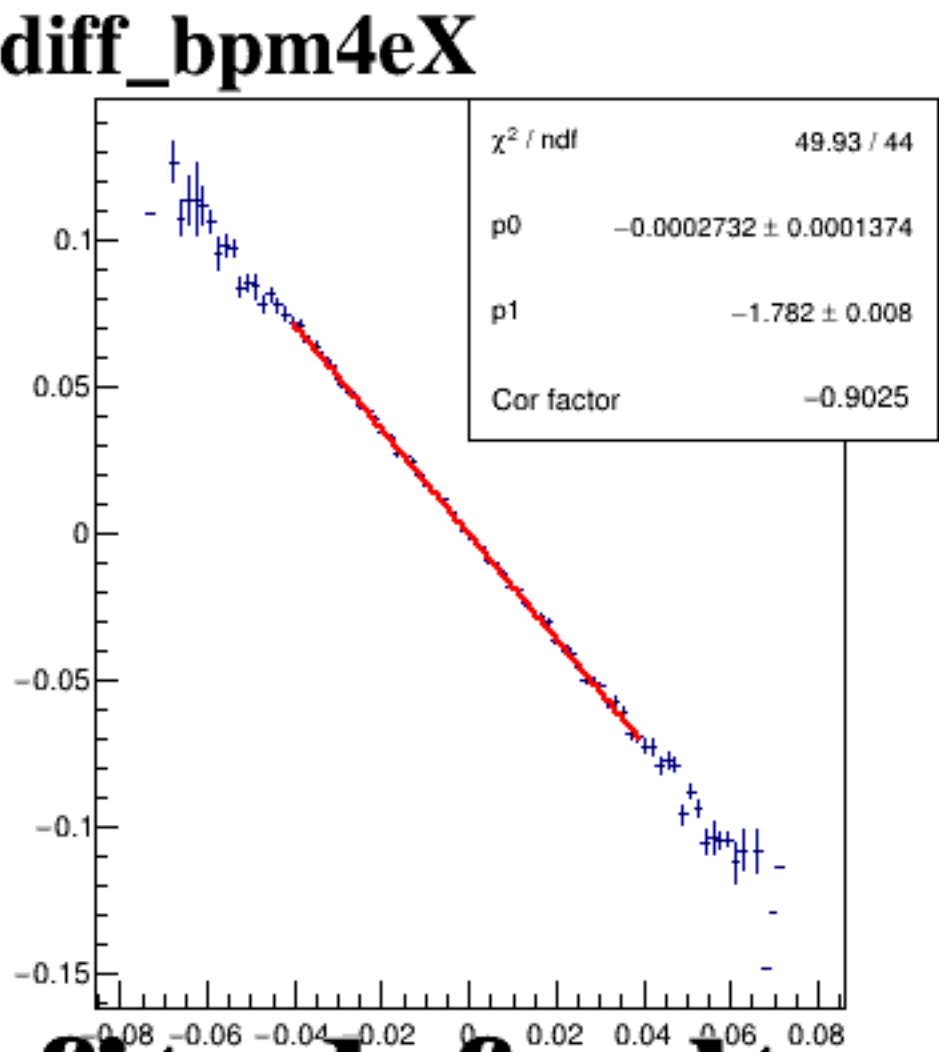
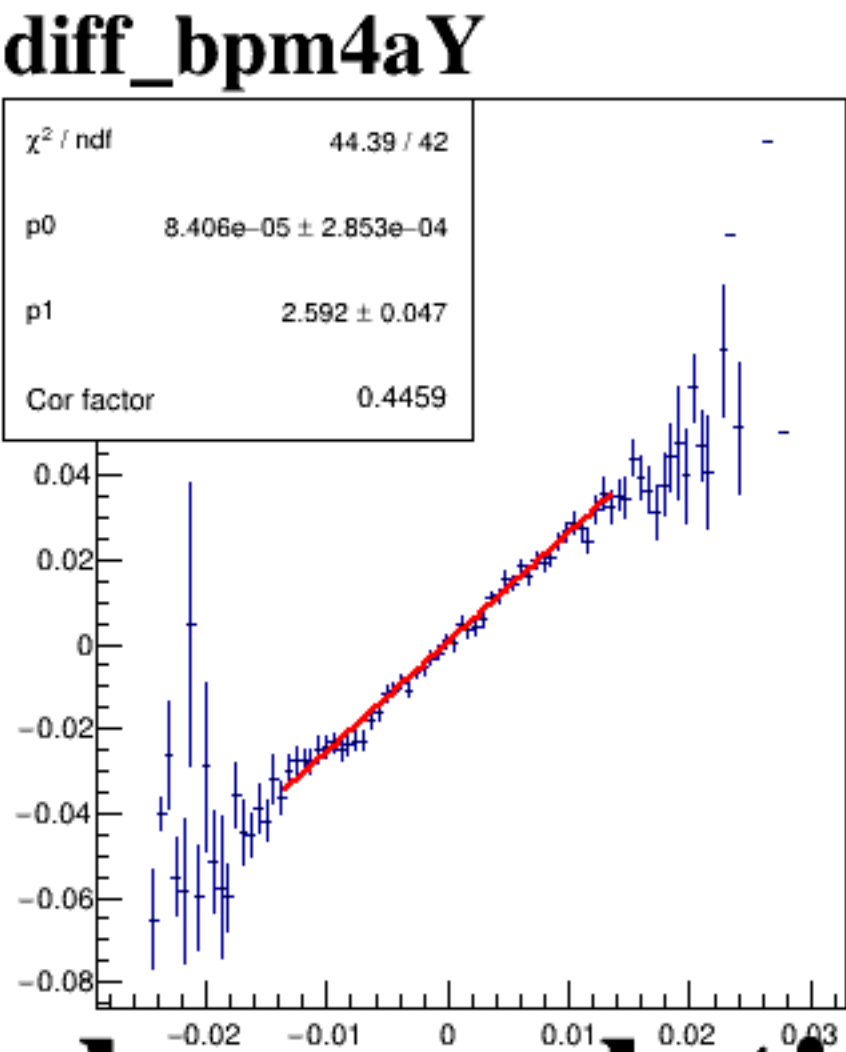
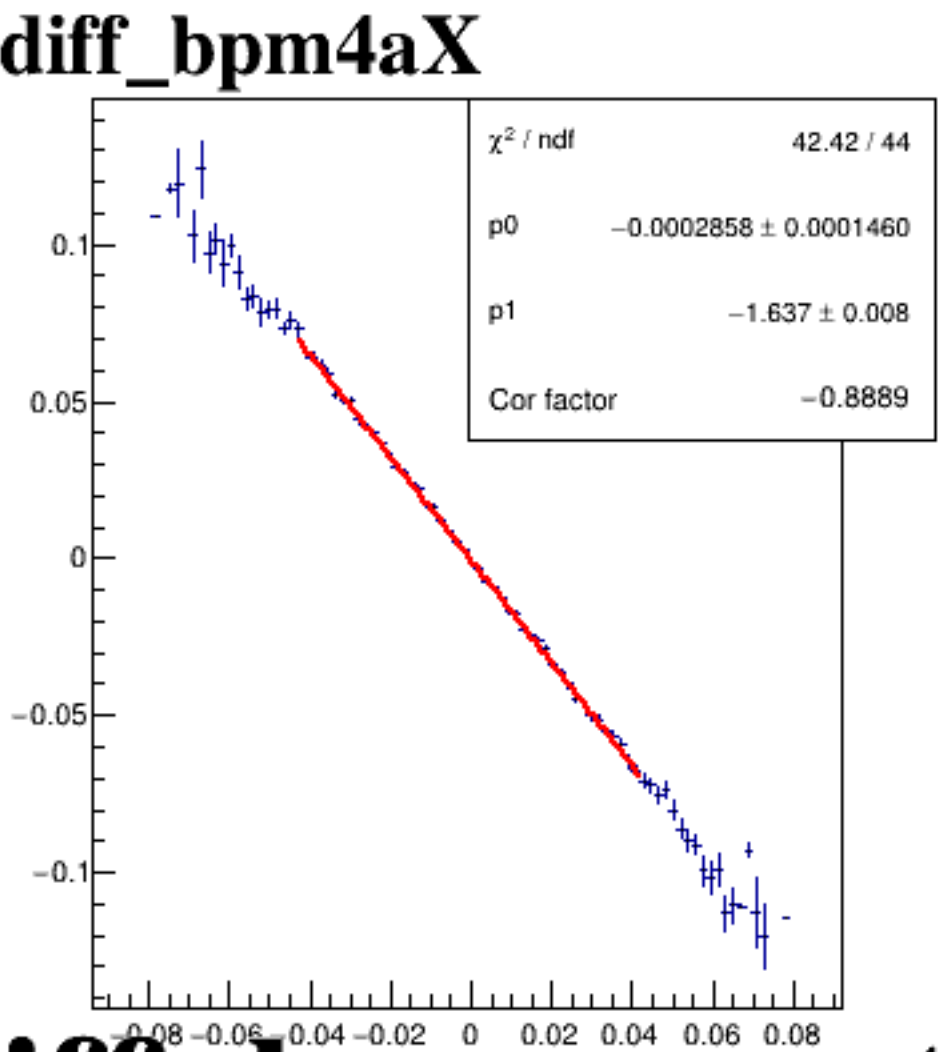
diff_bpm4eX

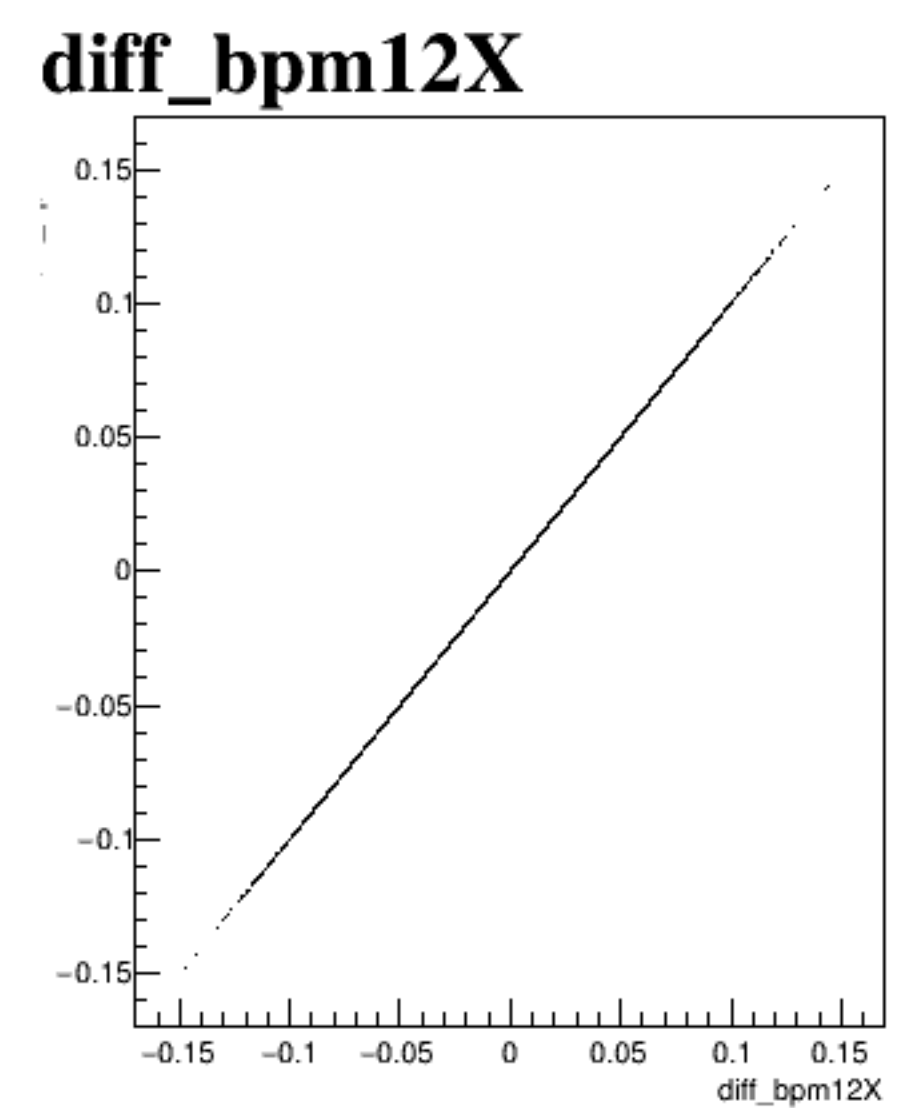
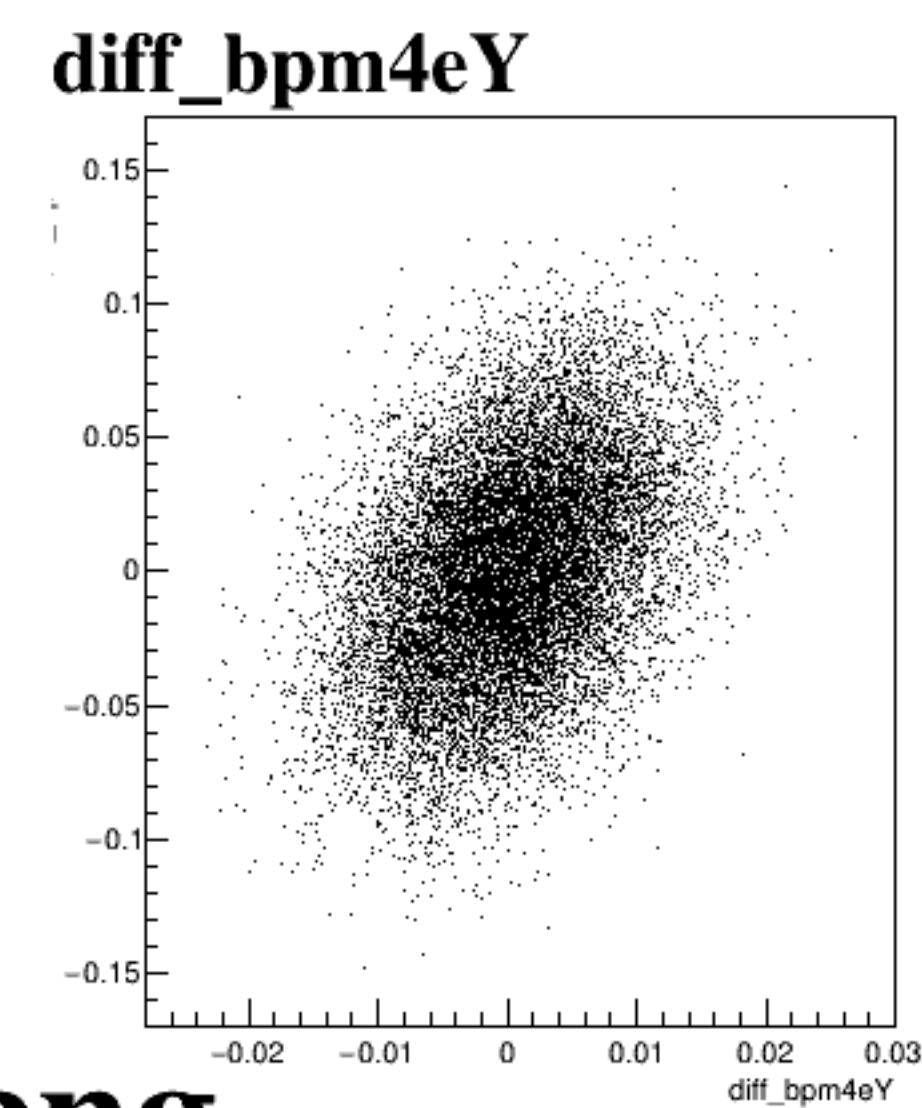
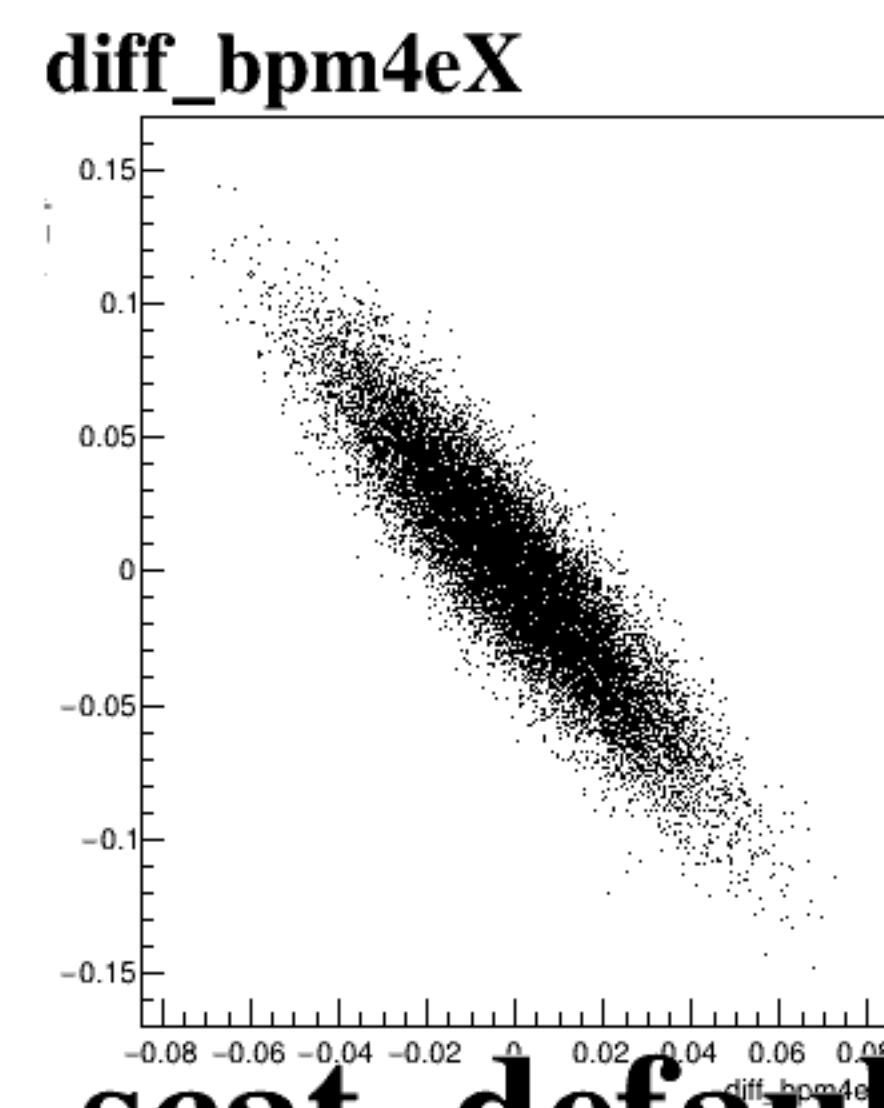
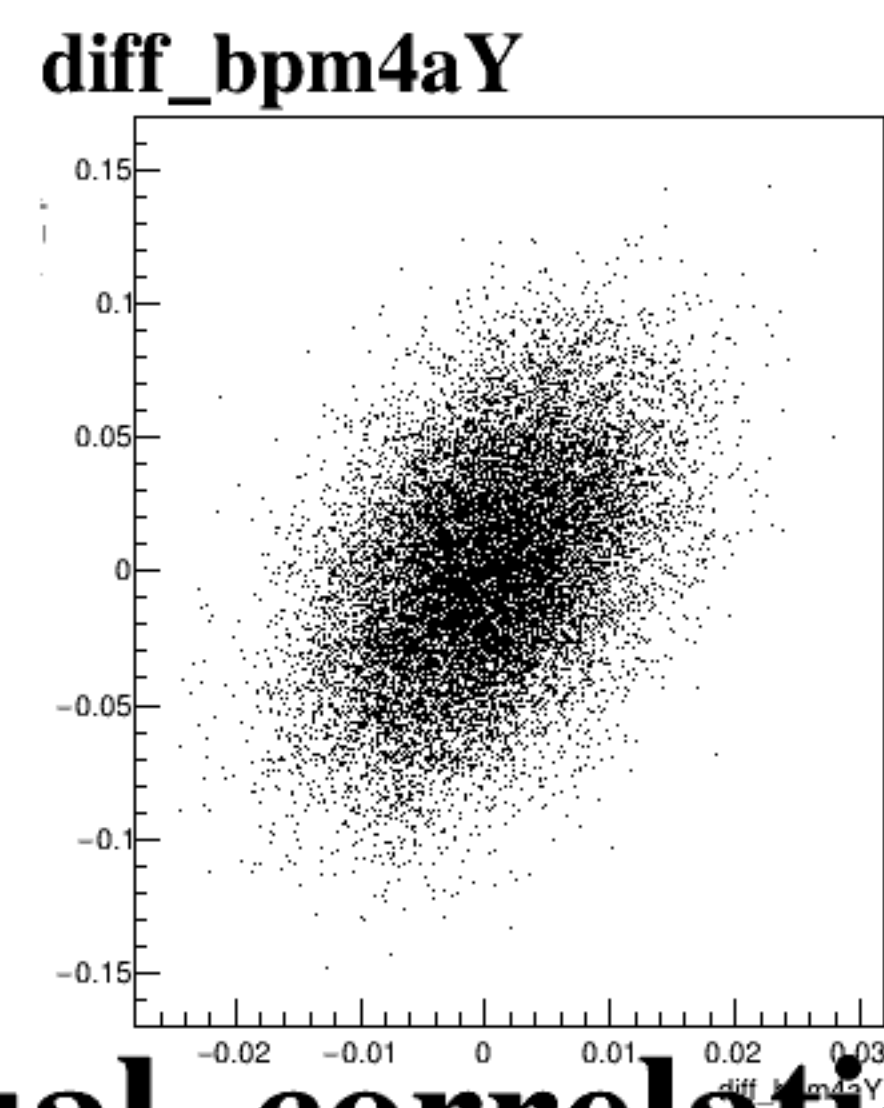
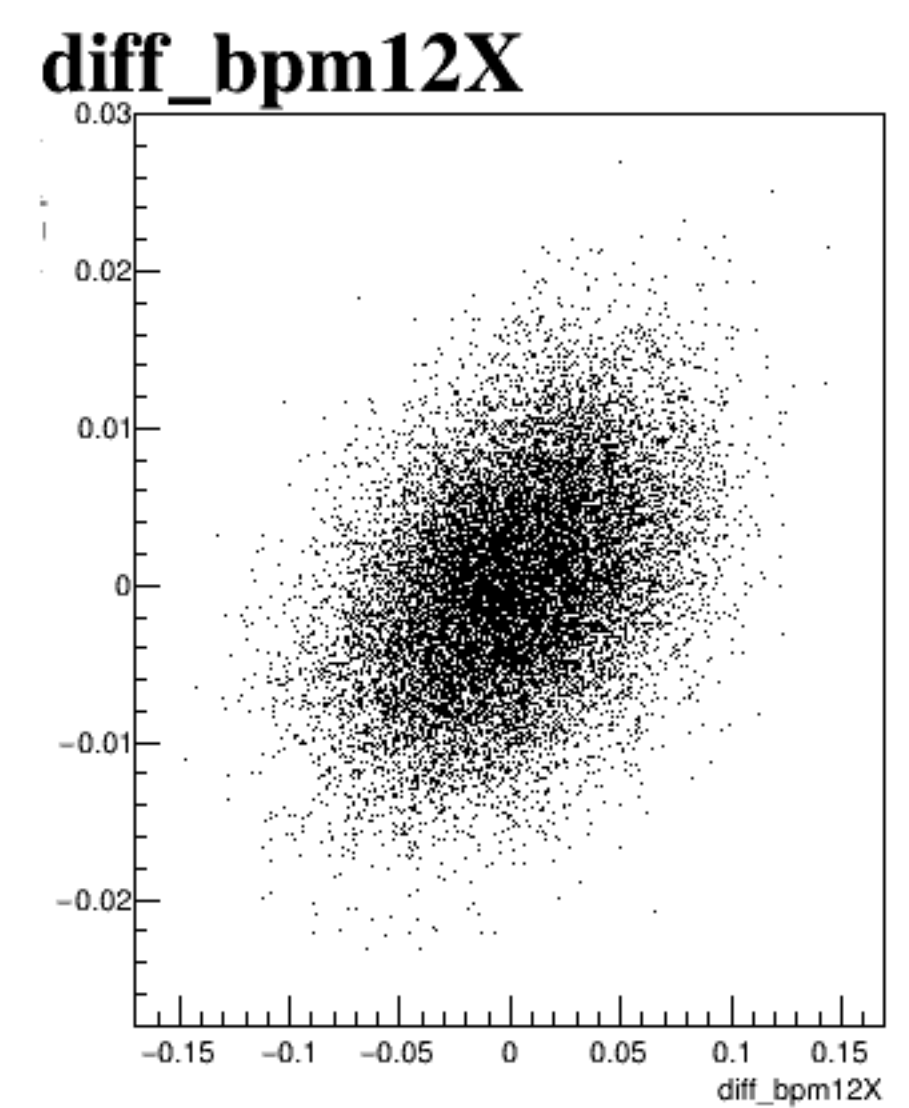
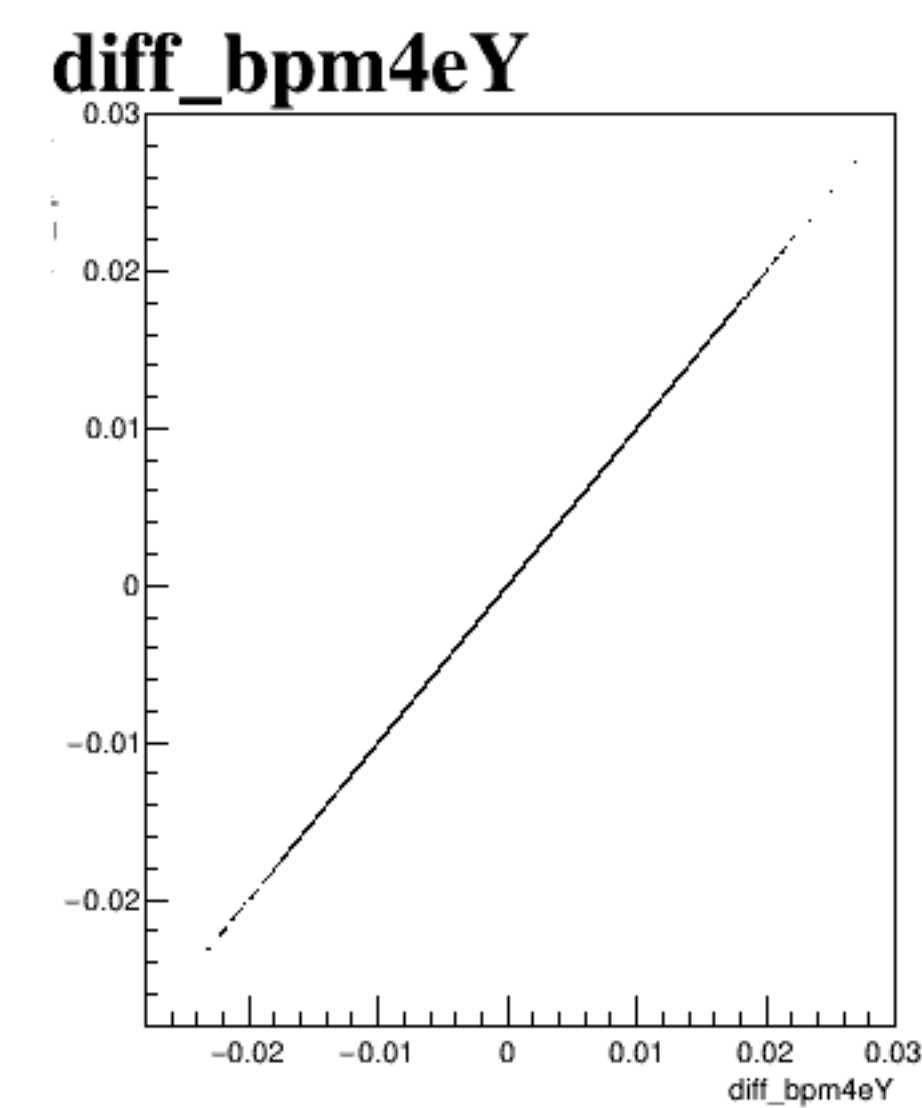
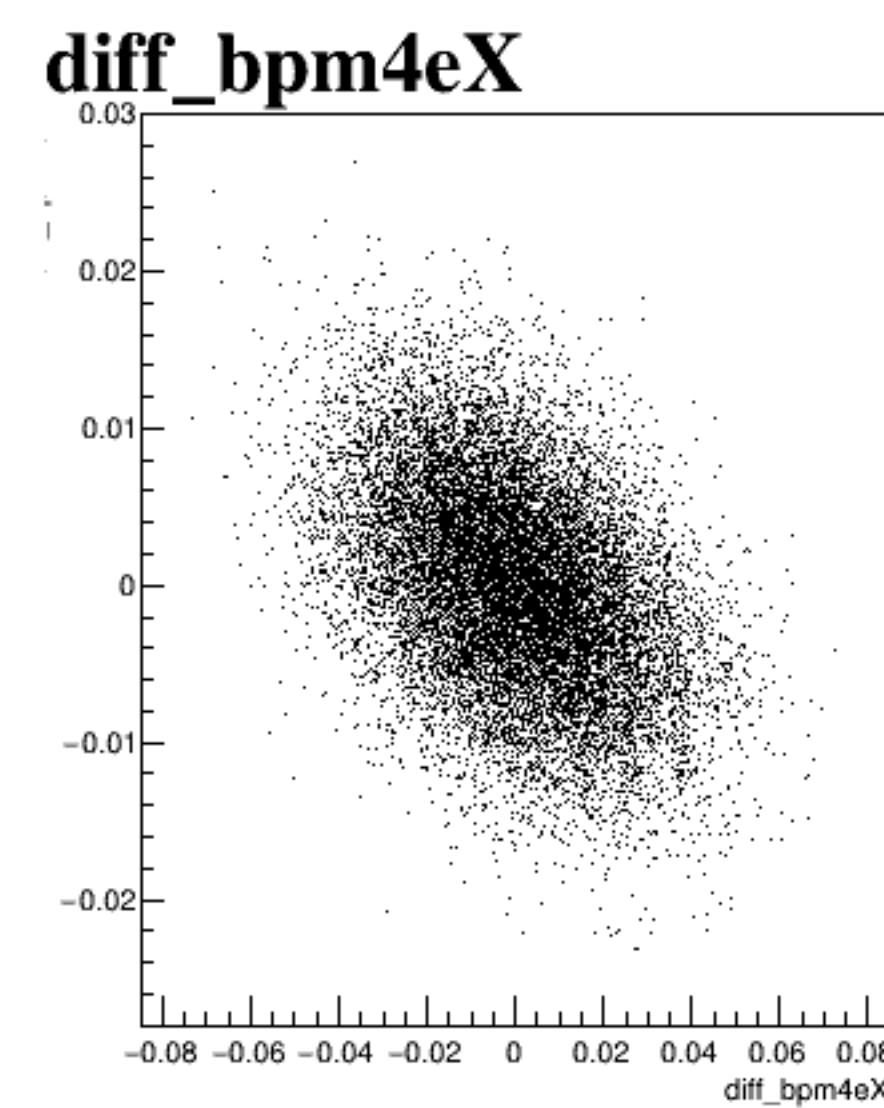
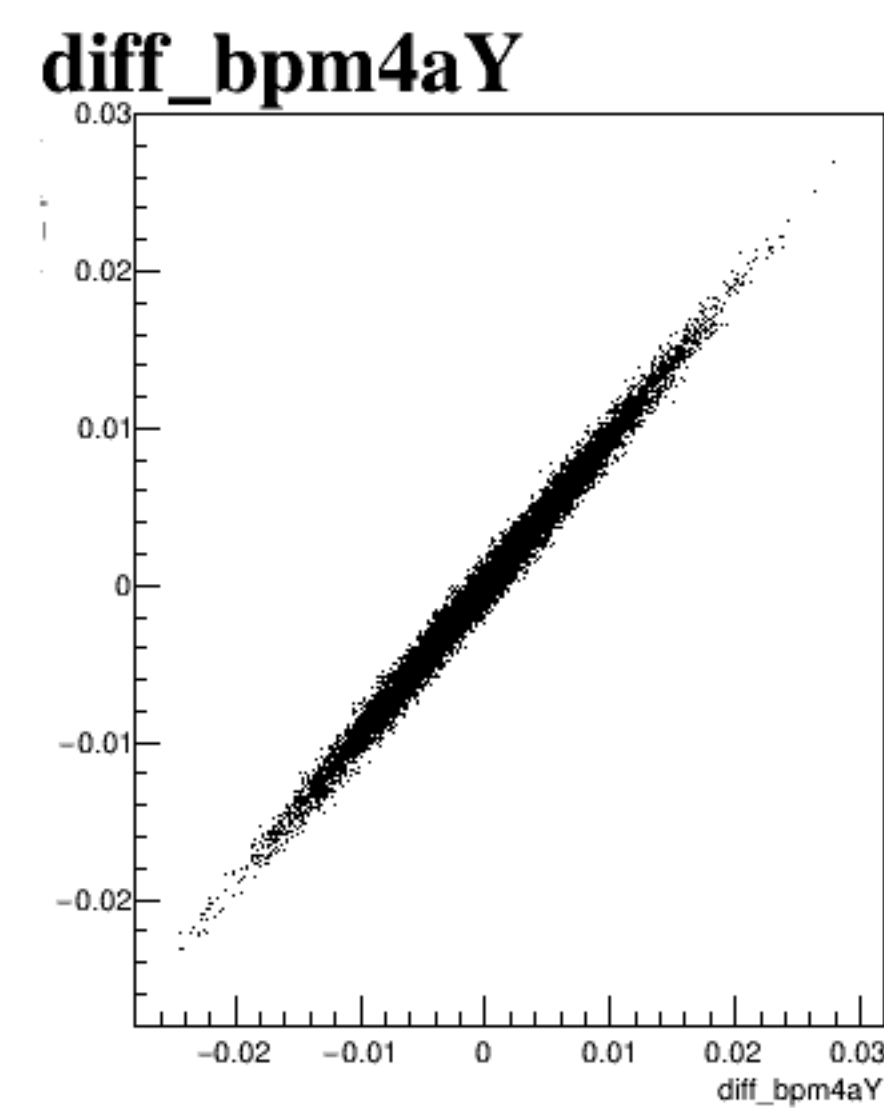
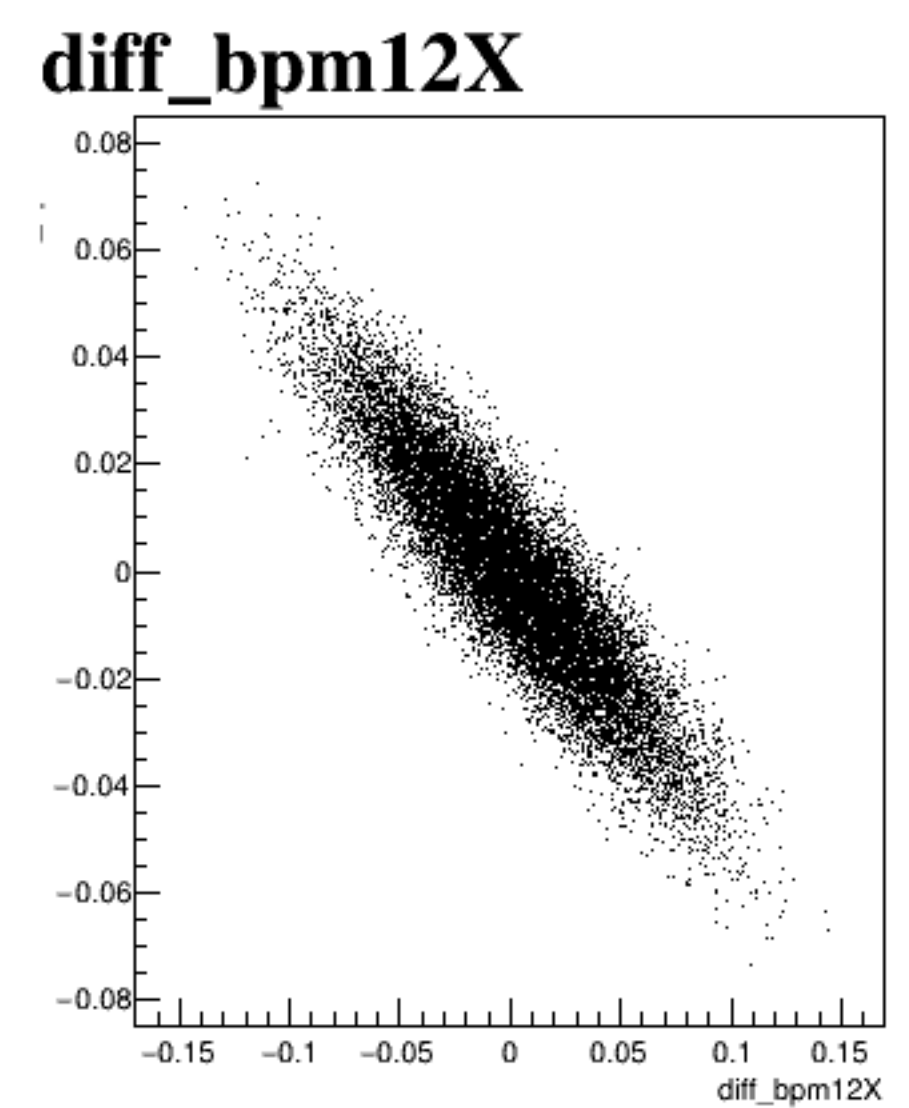
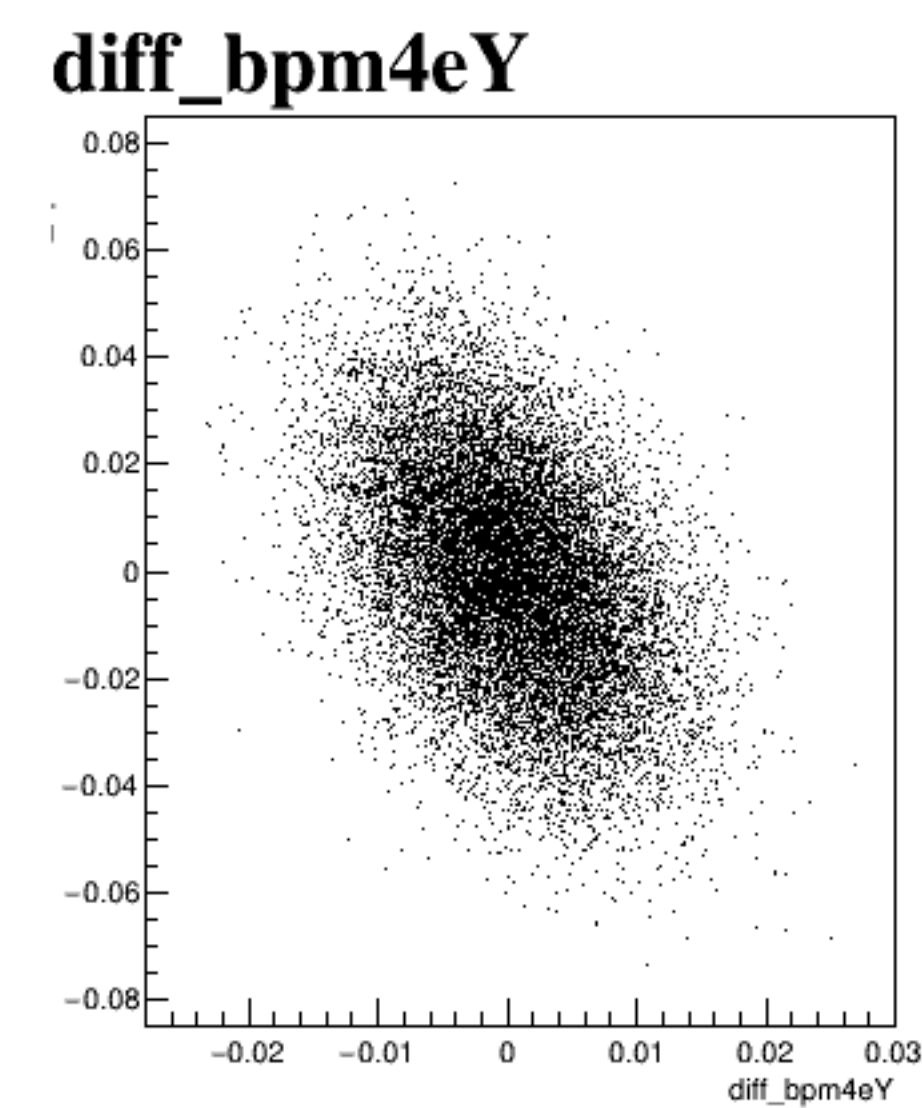
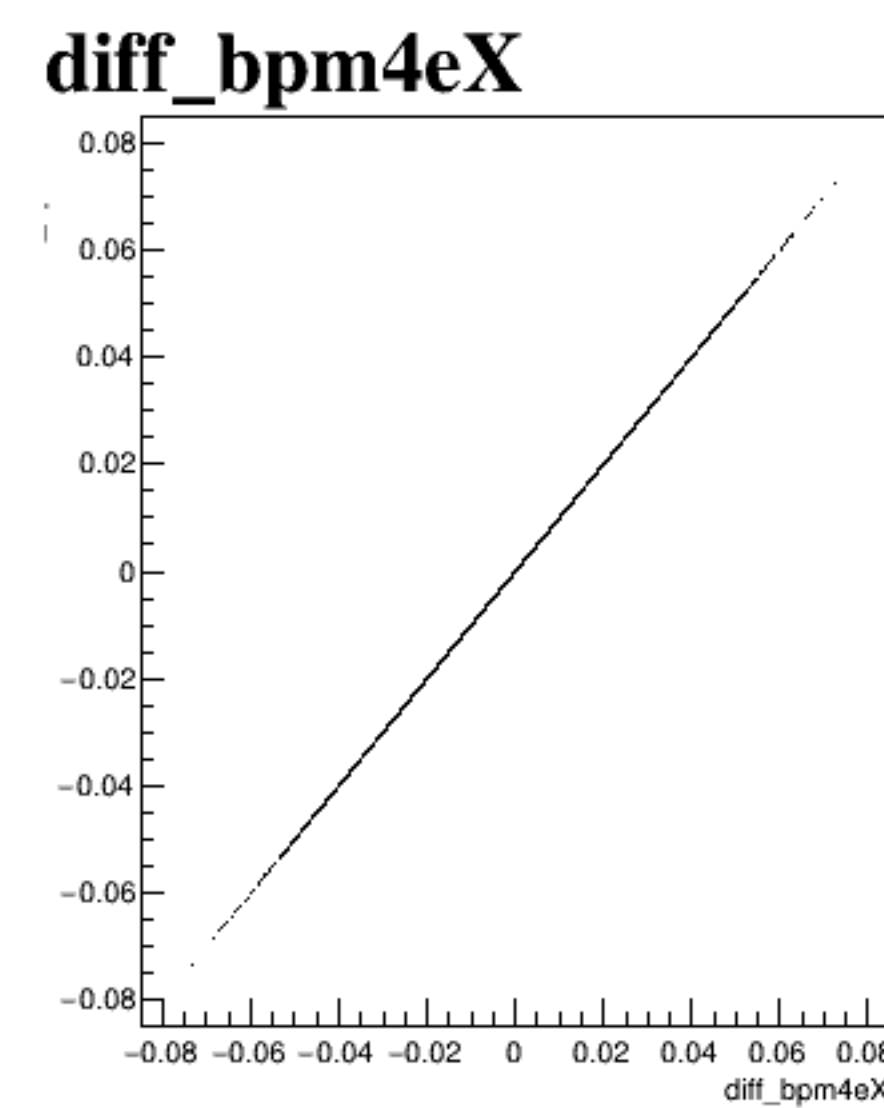
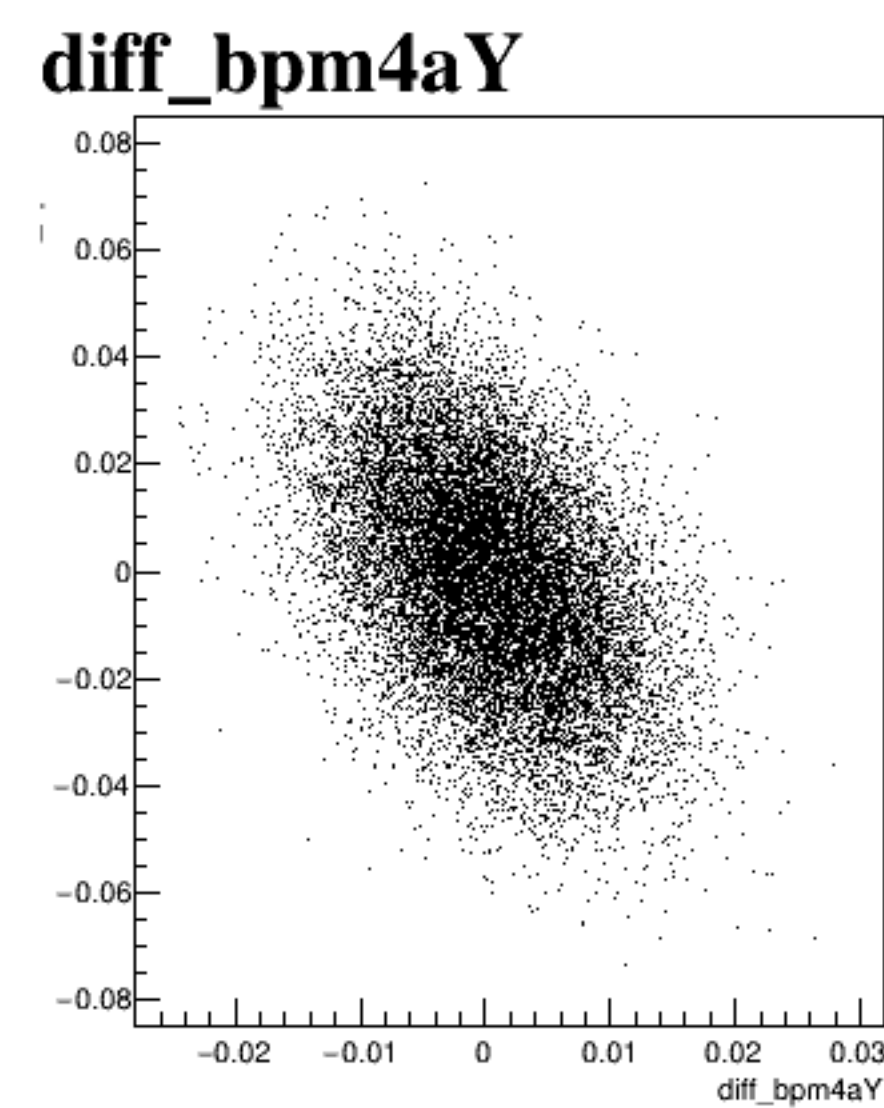
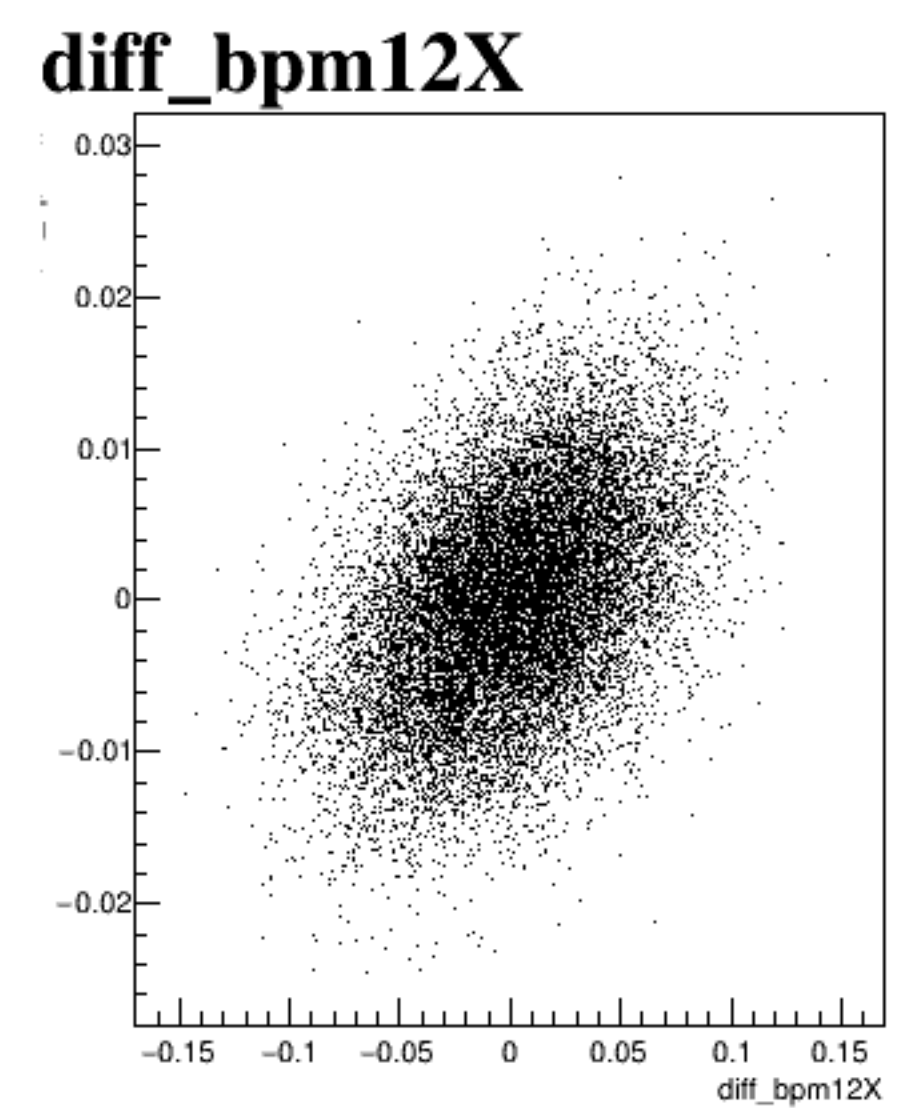
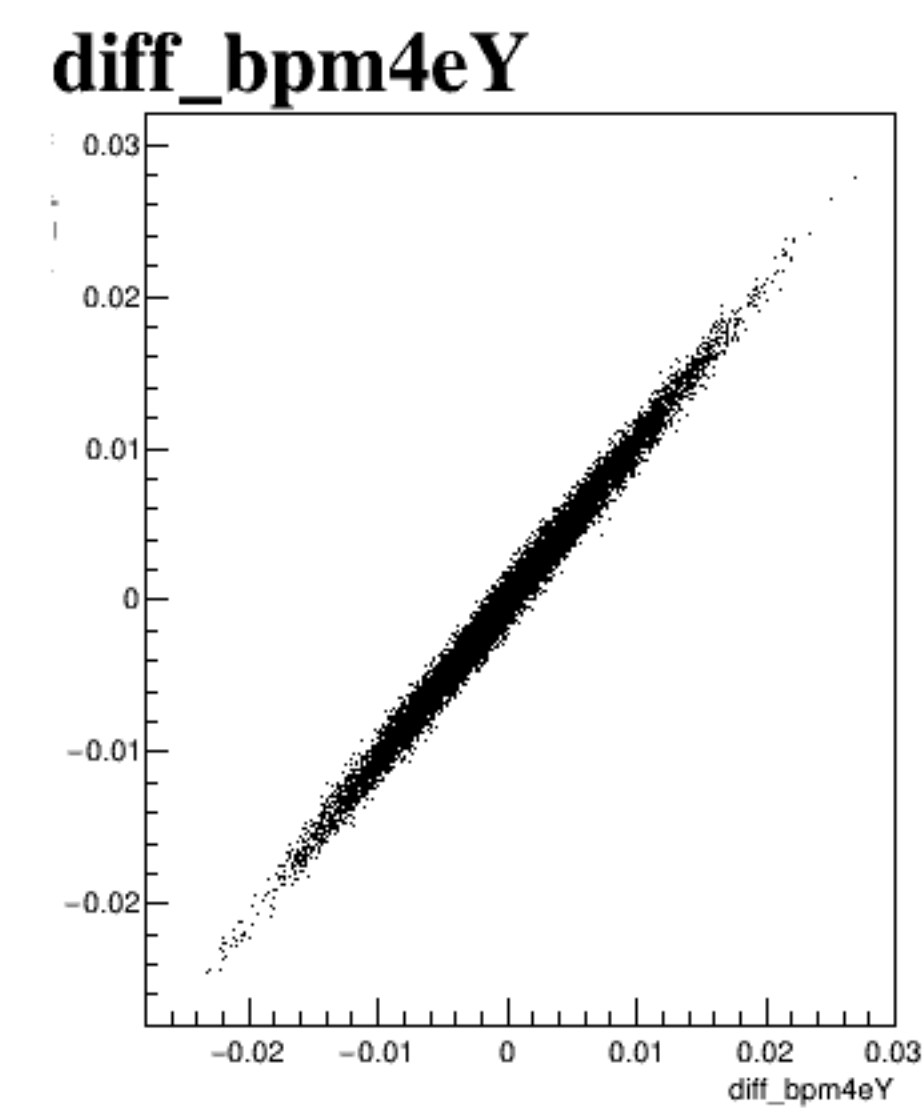
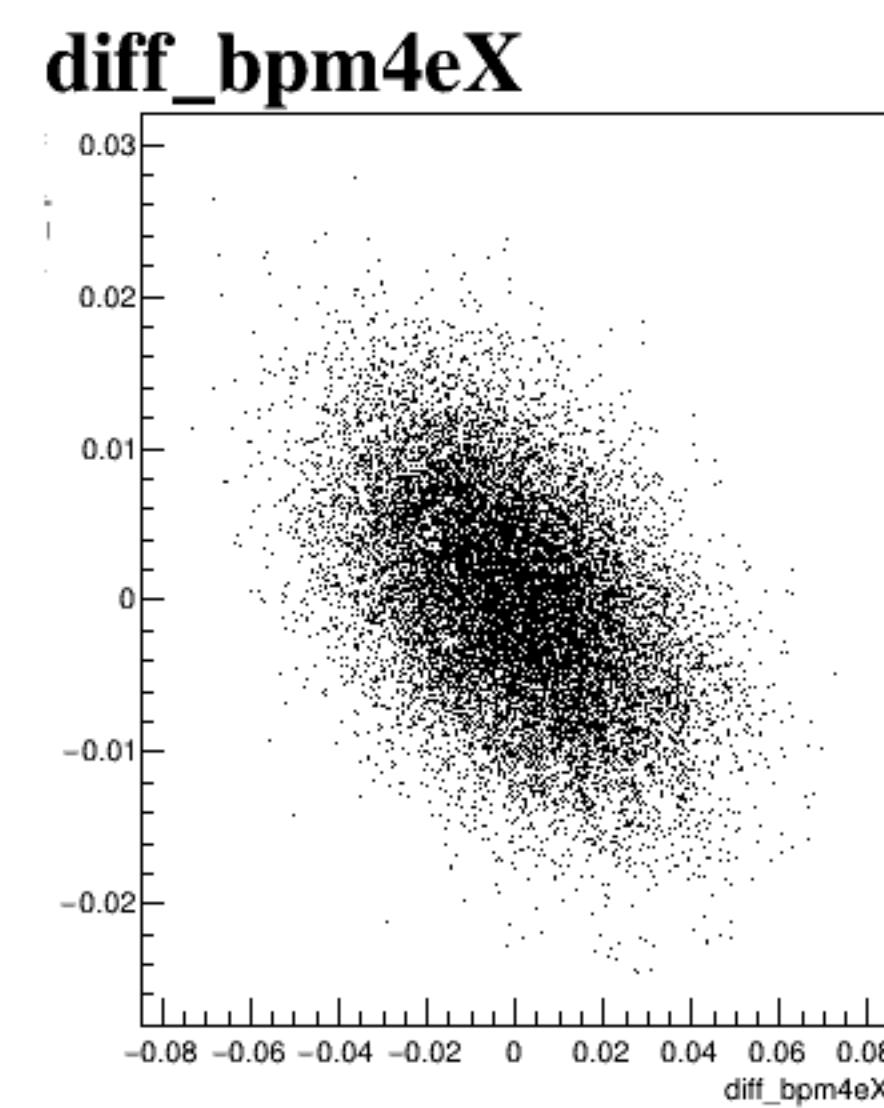
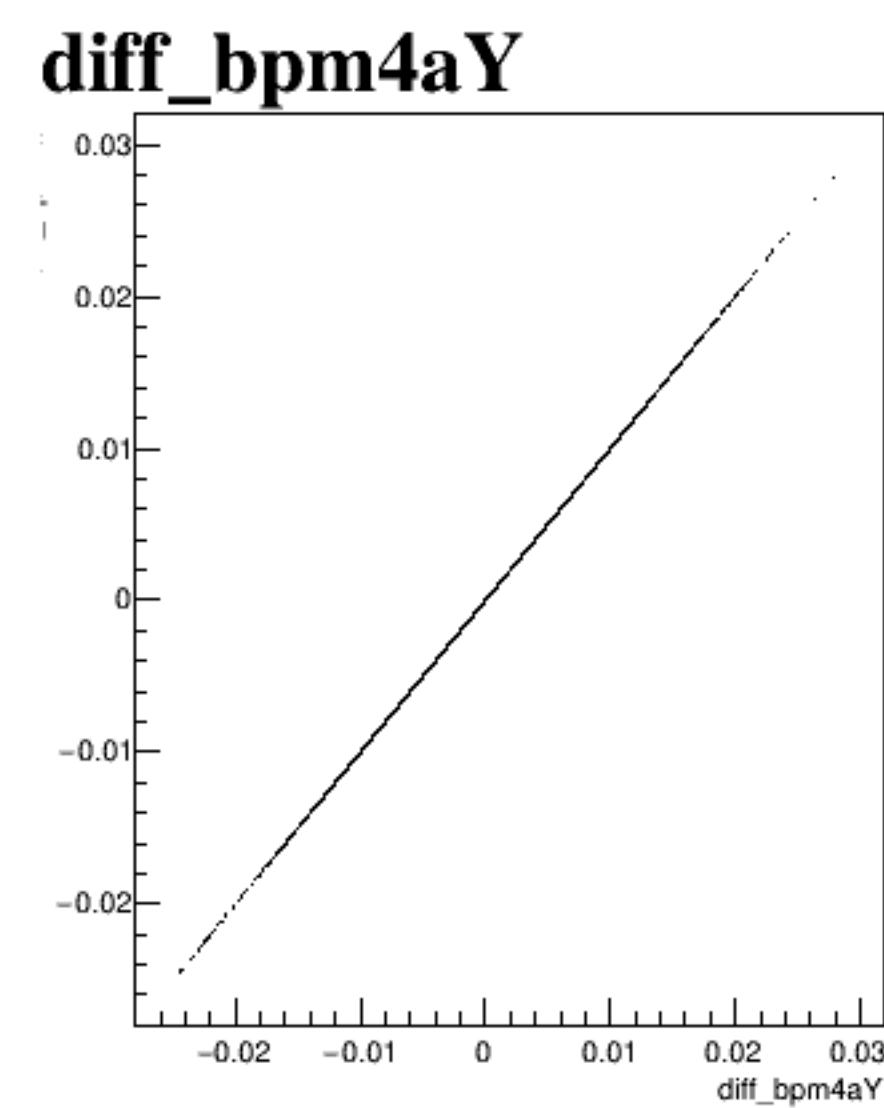
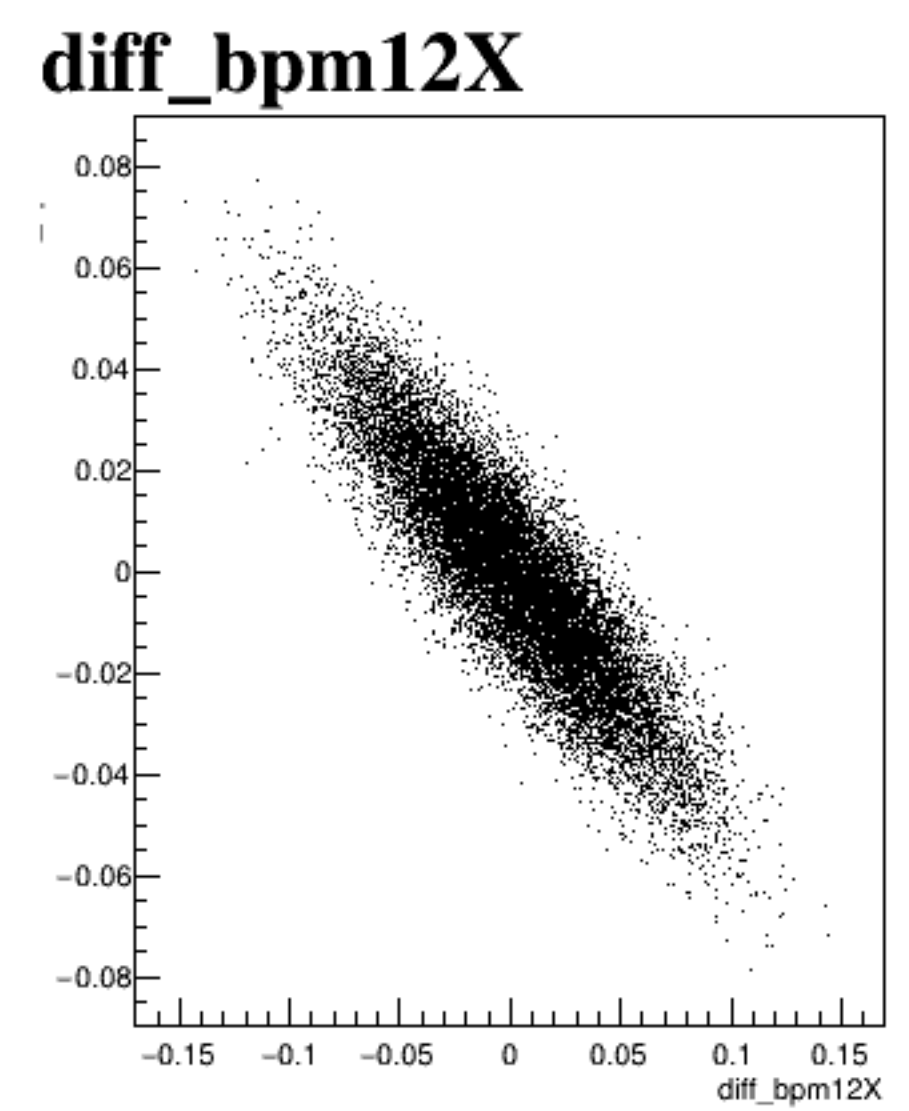
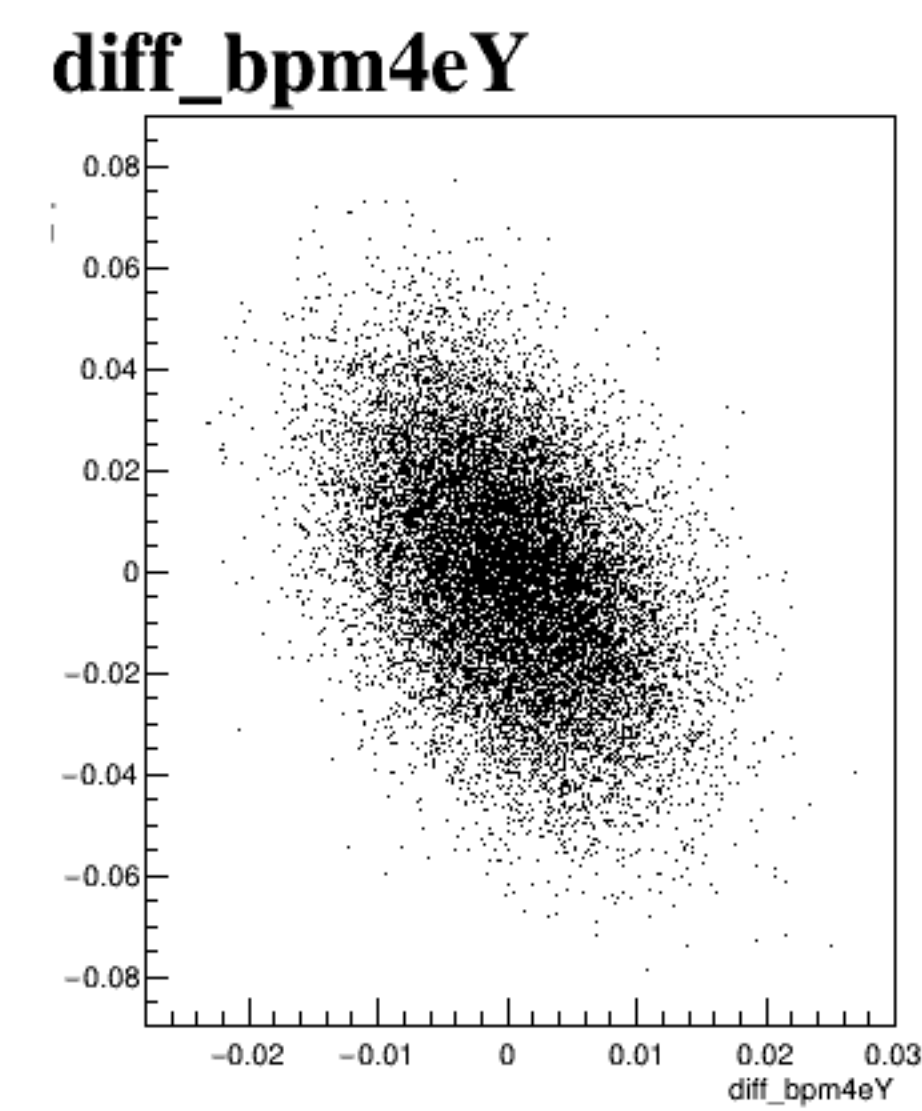
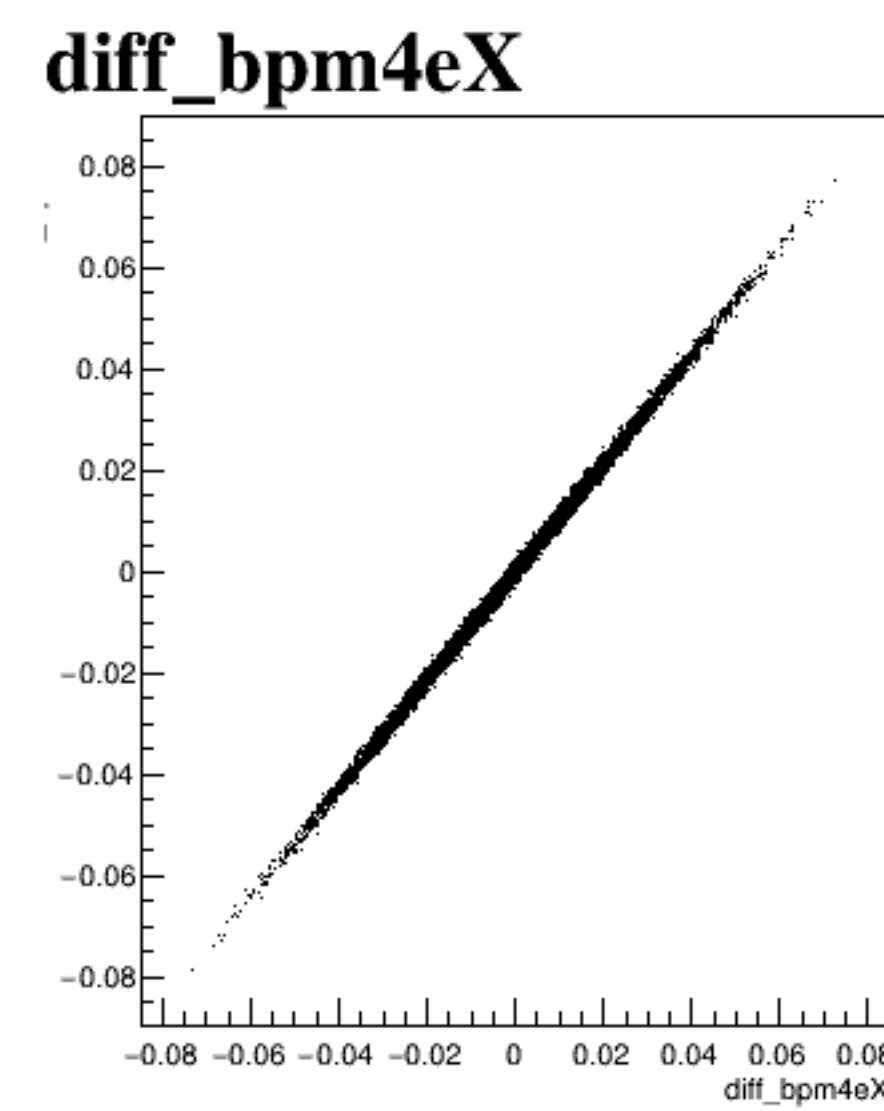
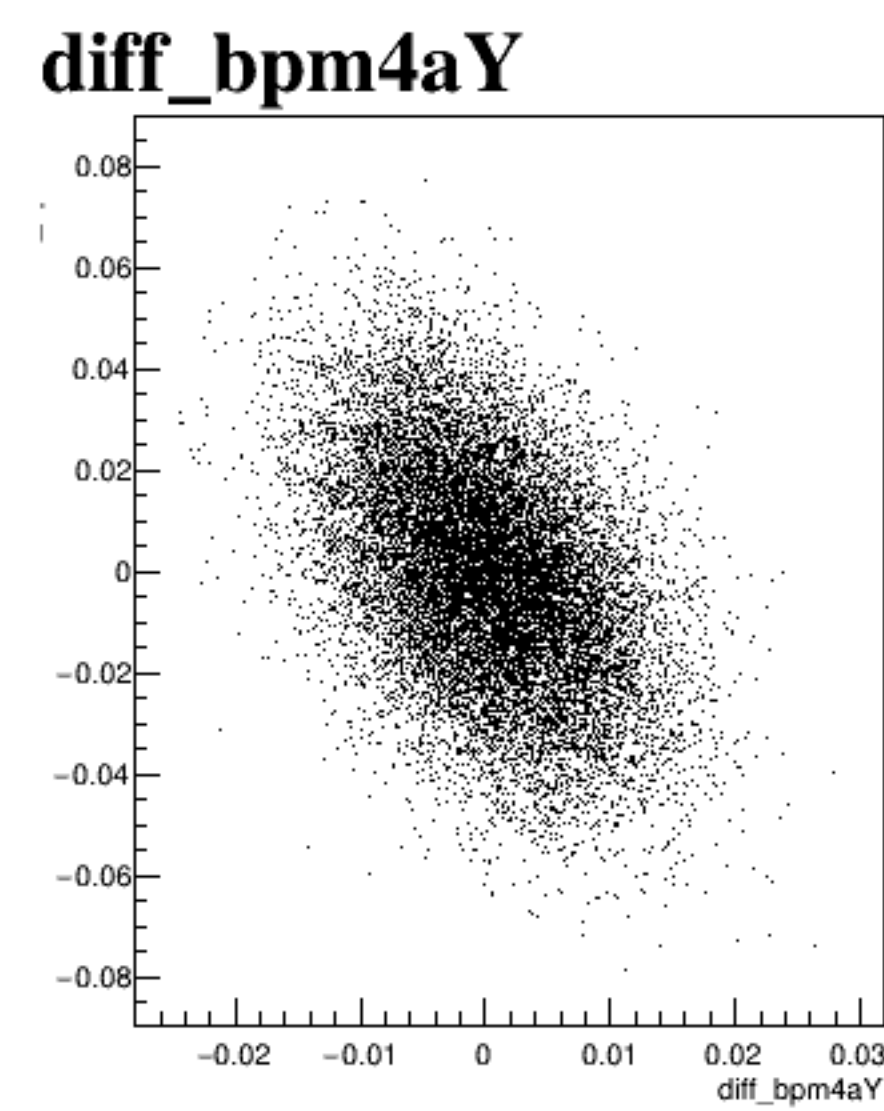


diff_bpm4eY



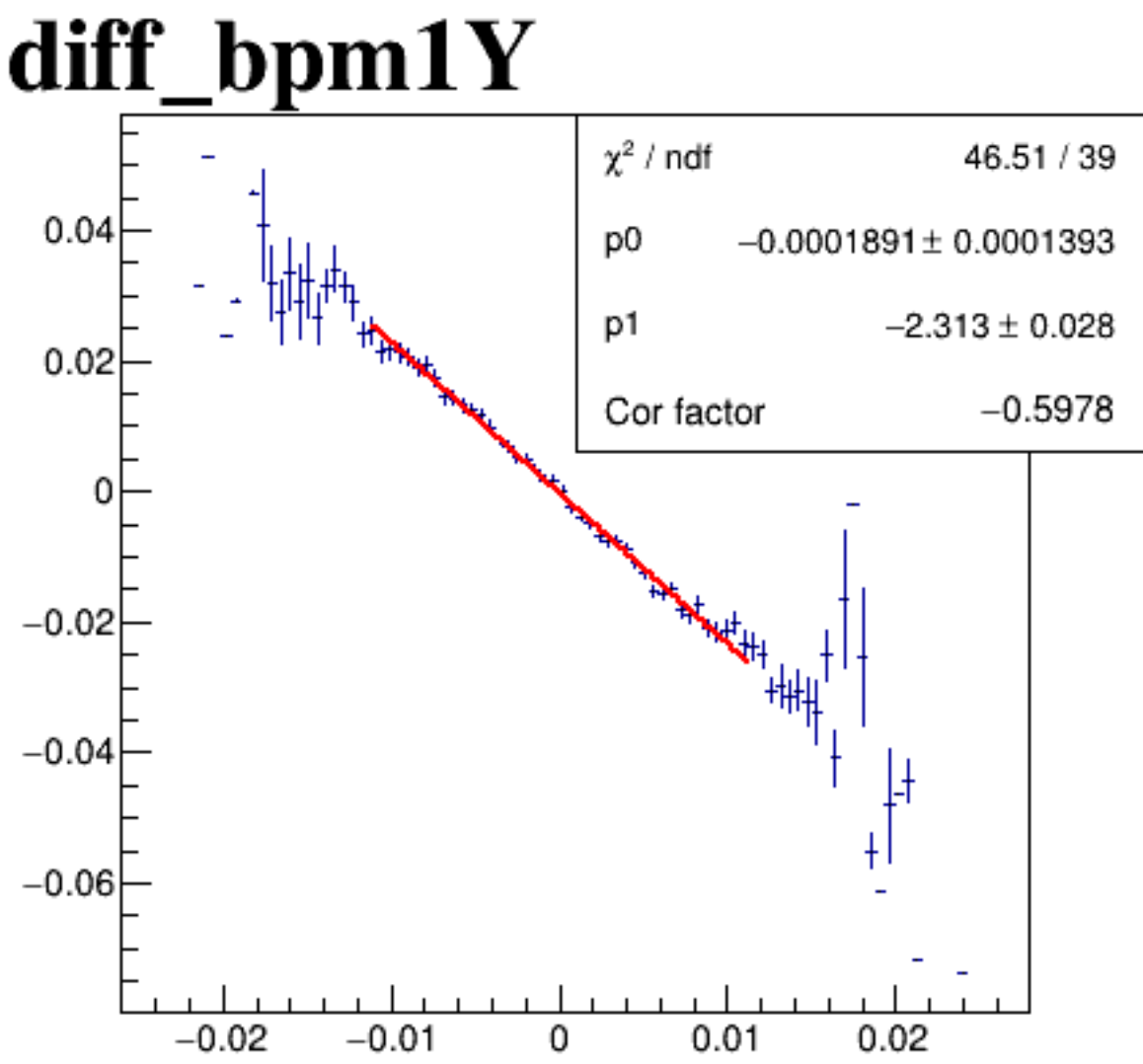
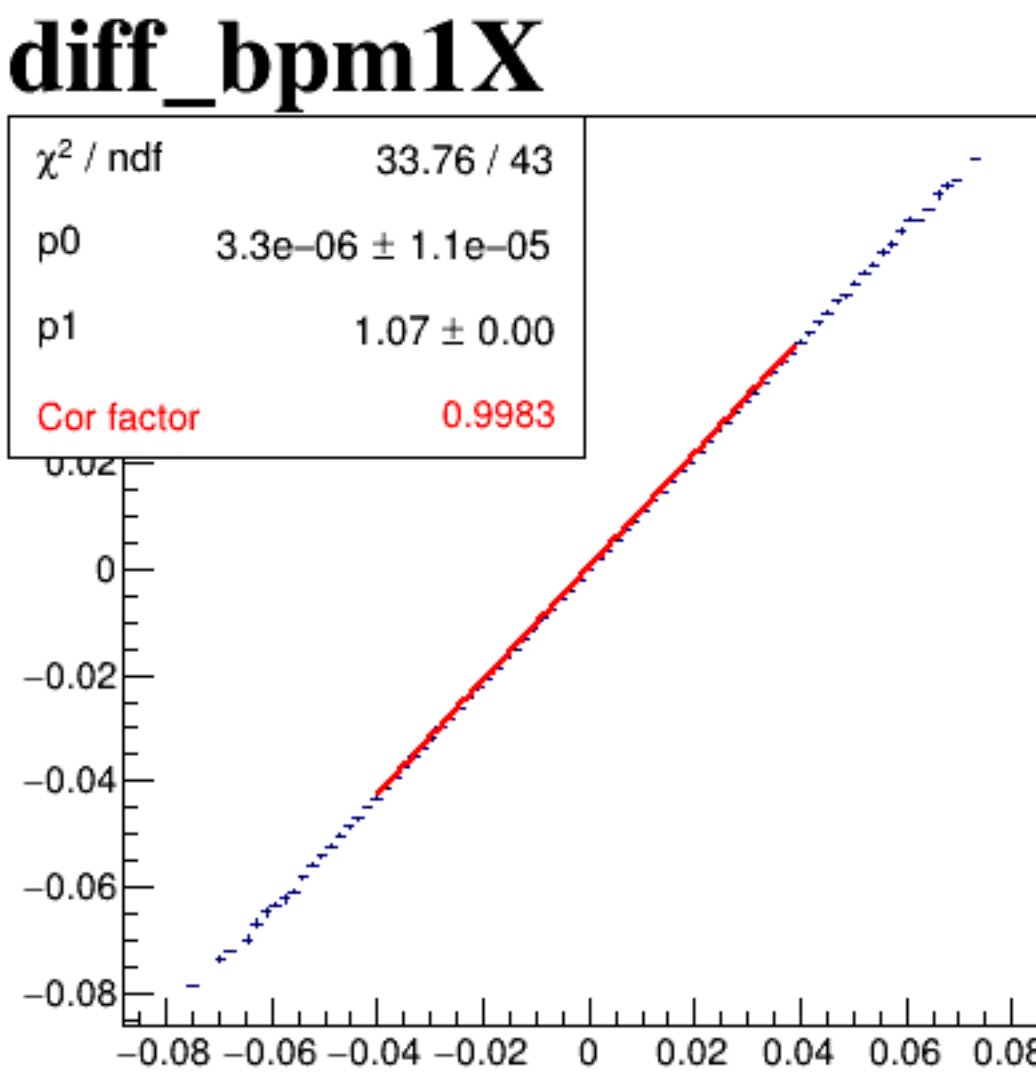
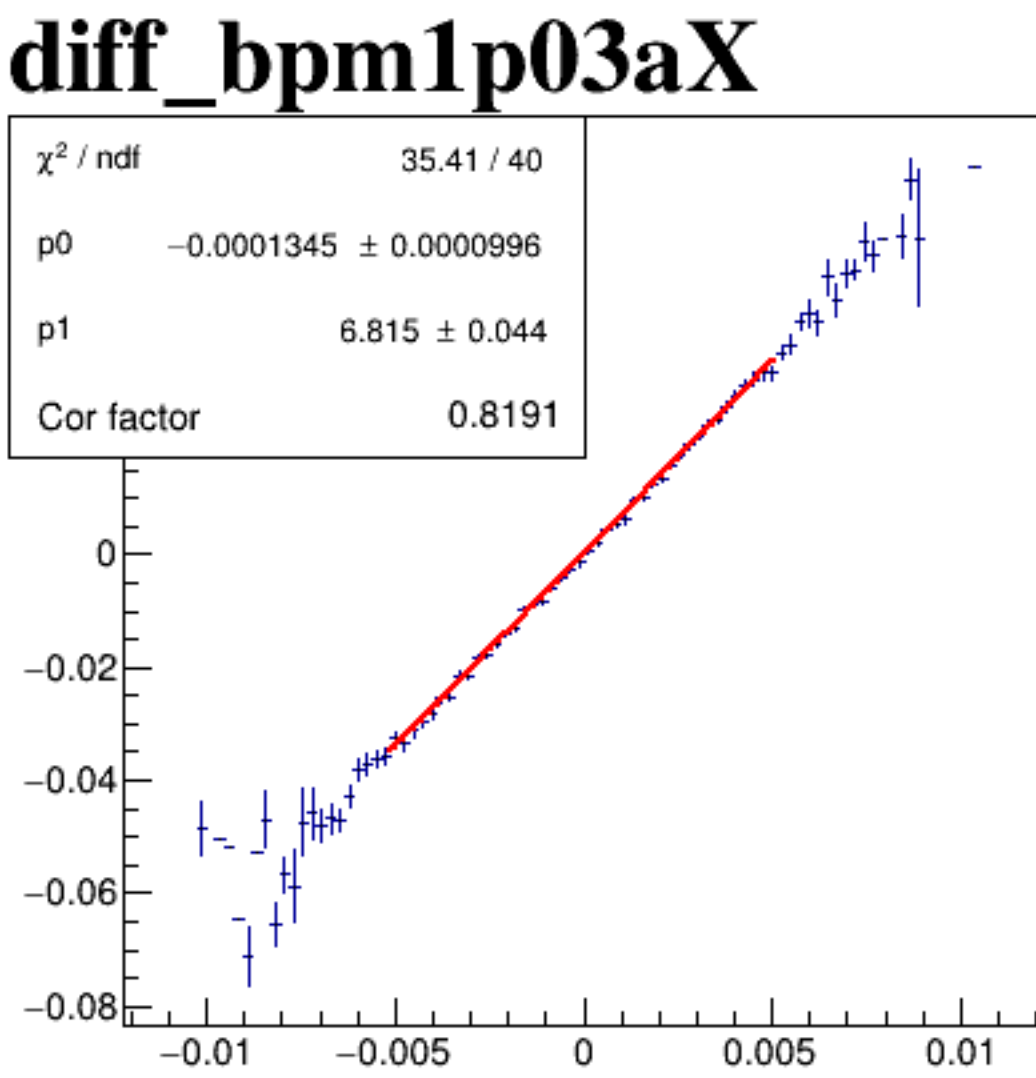
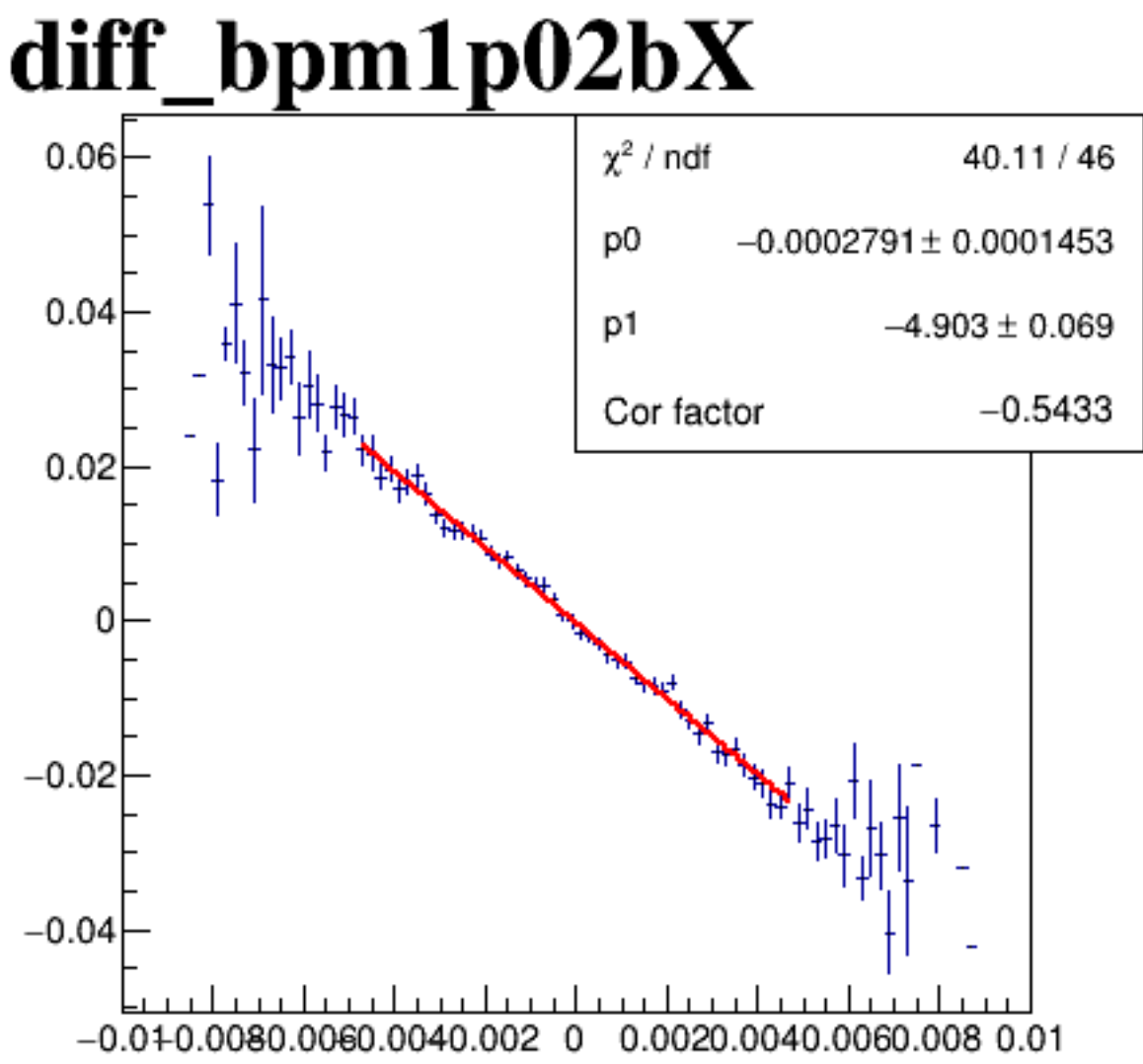
diff_bpm12X



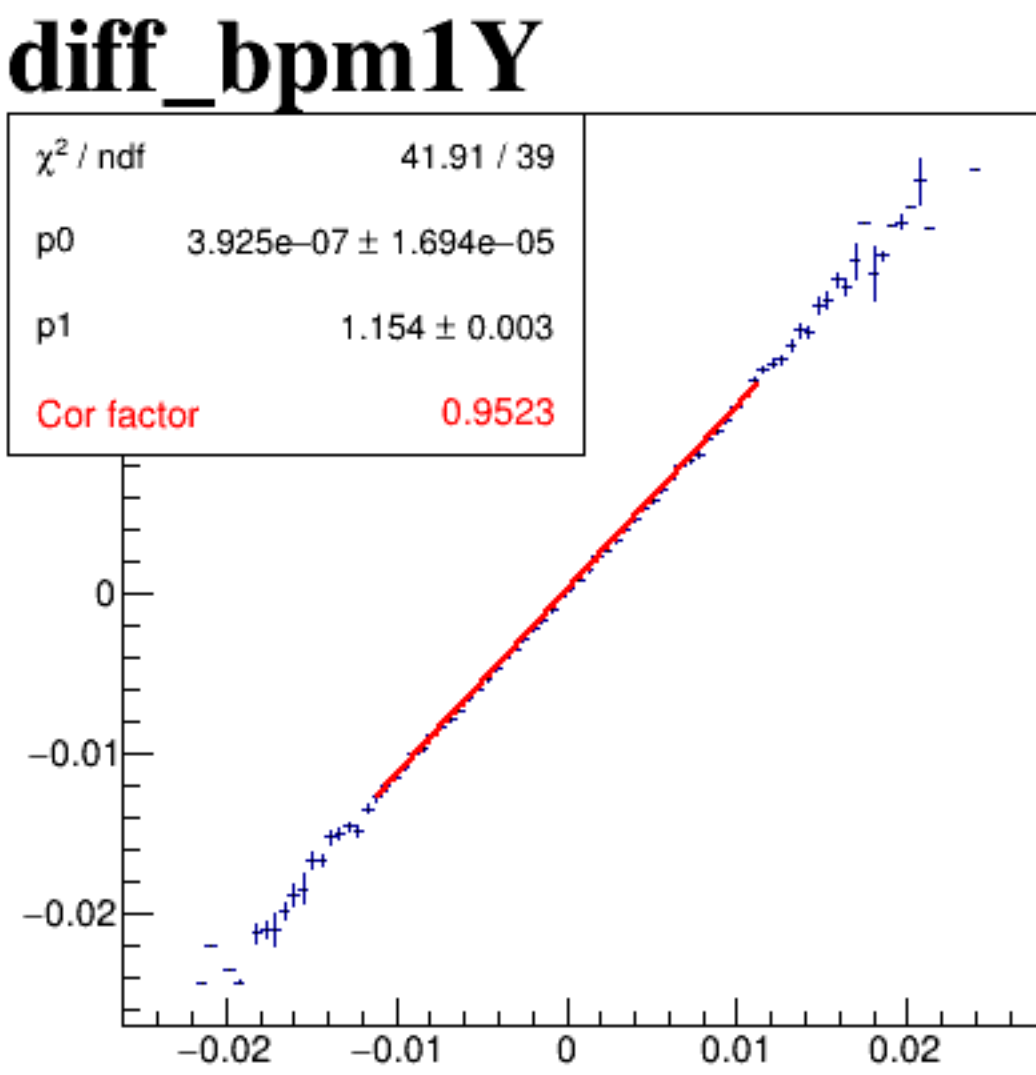
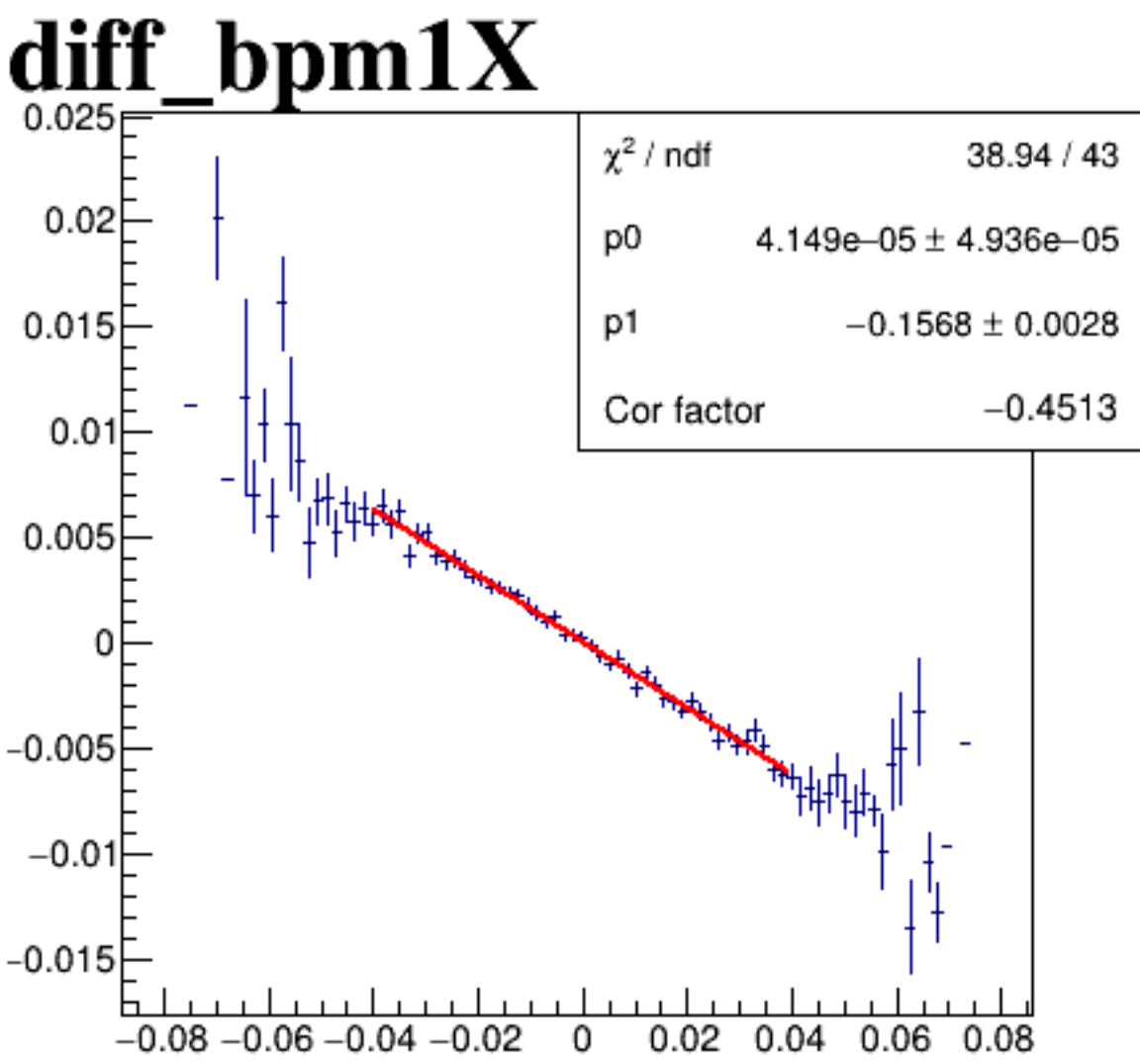
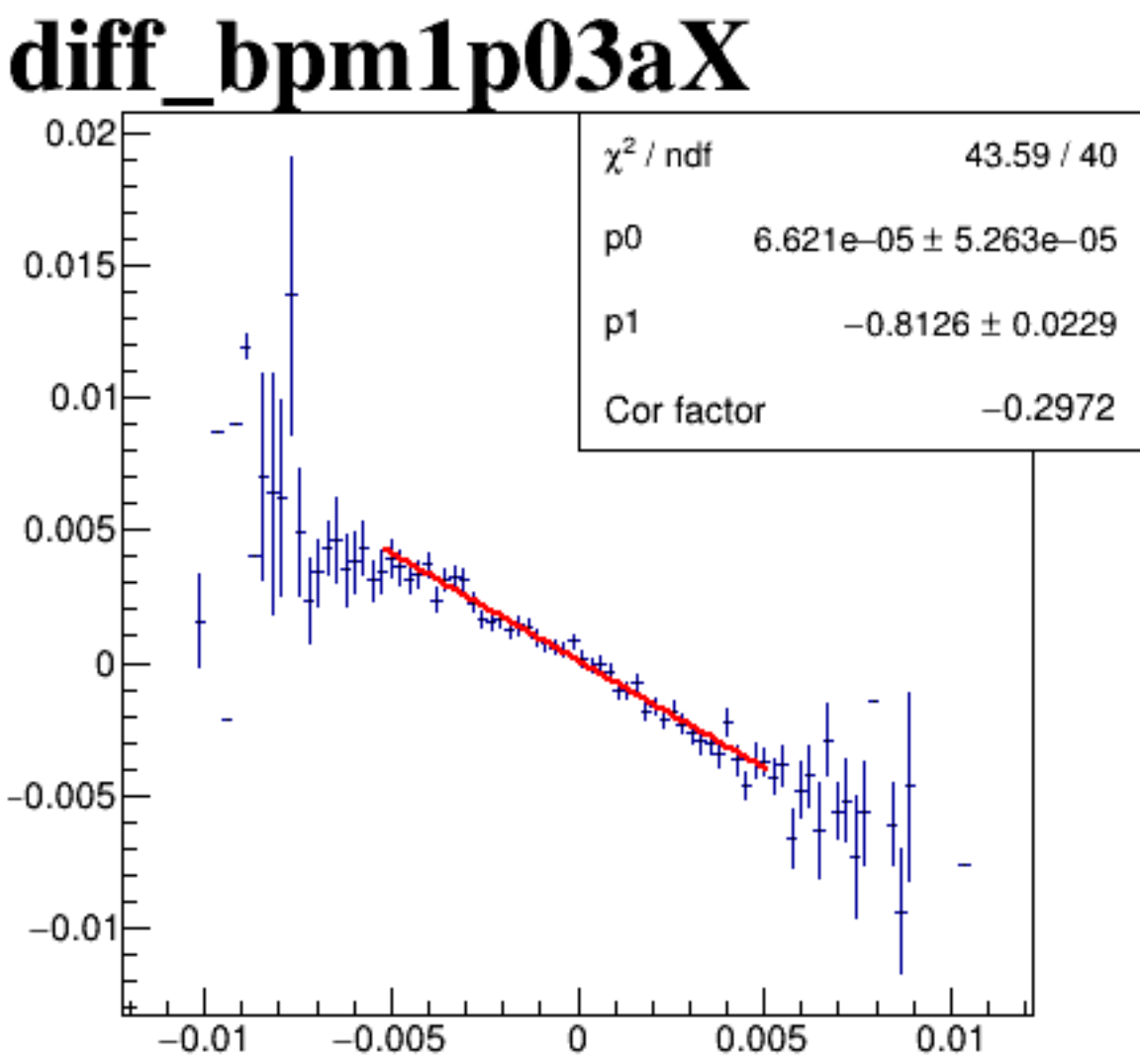
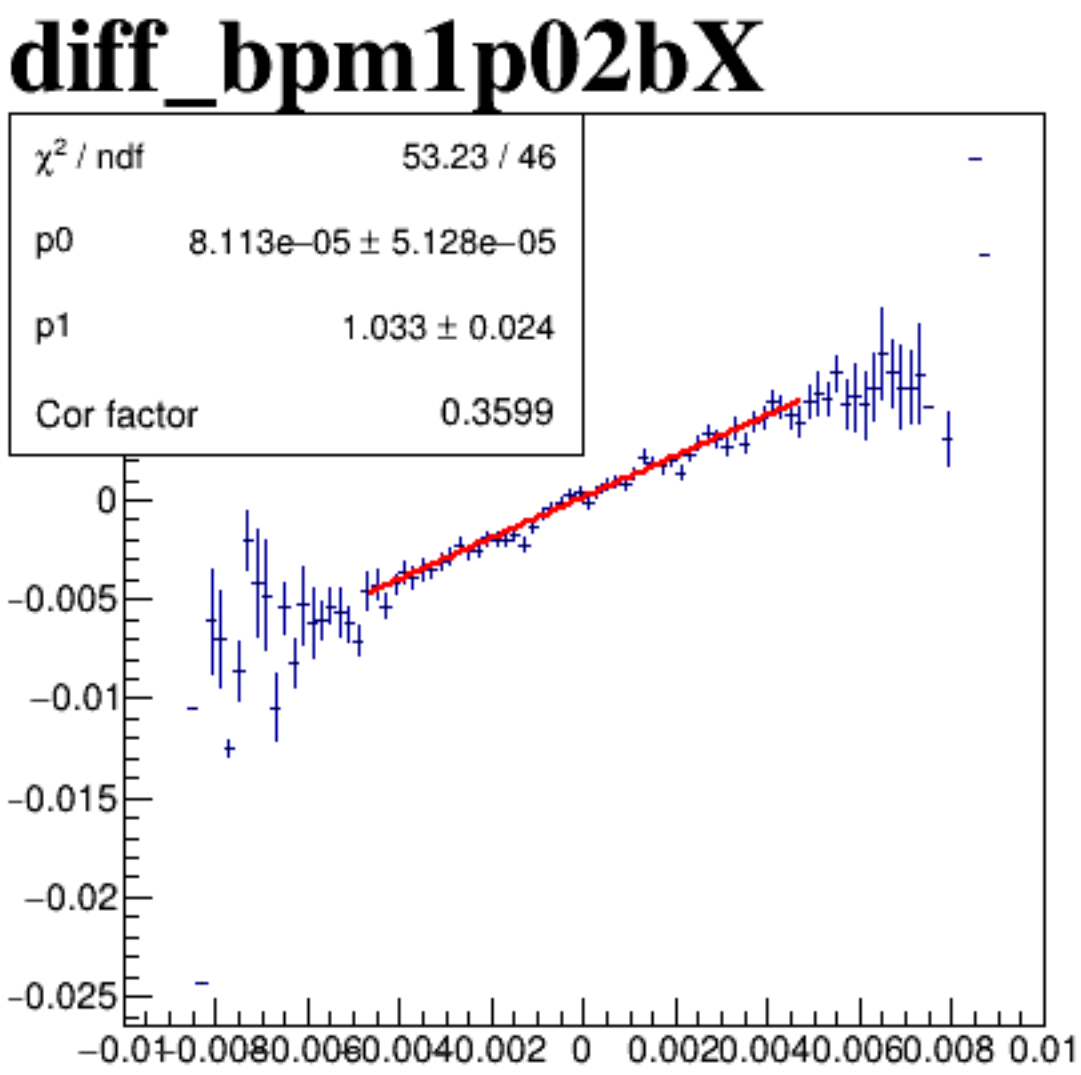


run8350_000_diff_bpm_mutual_correlation_COLZ_upstream.png

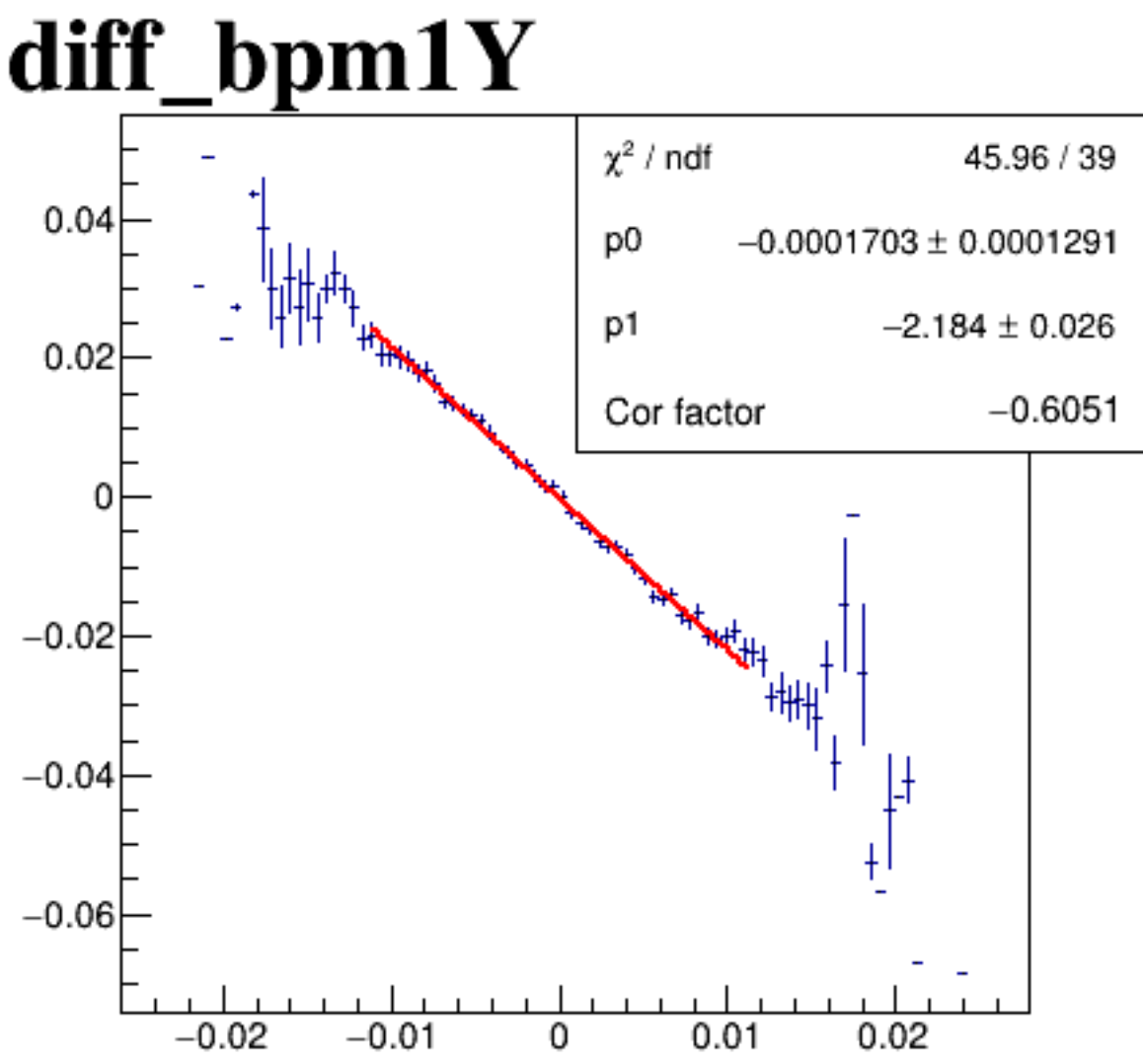
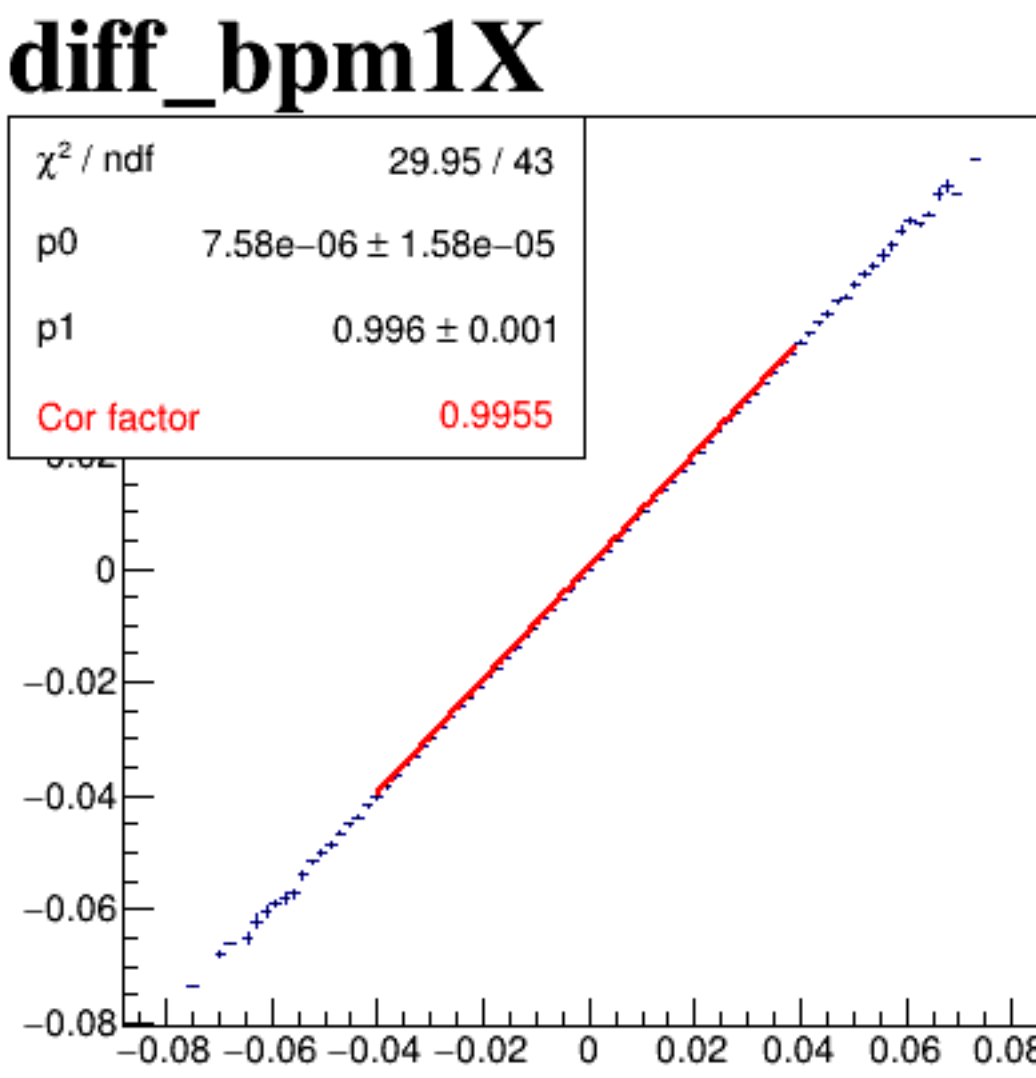
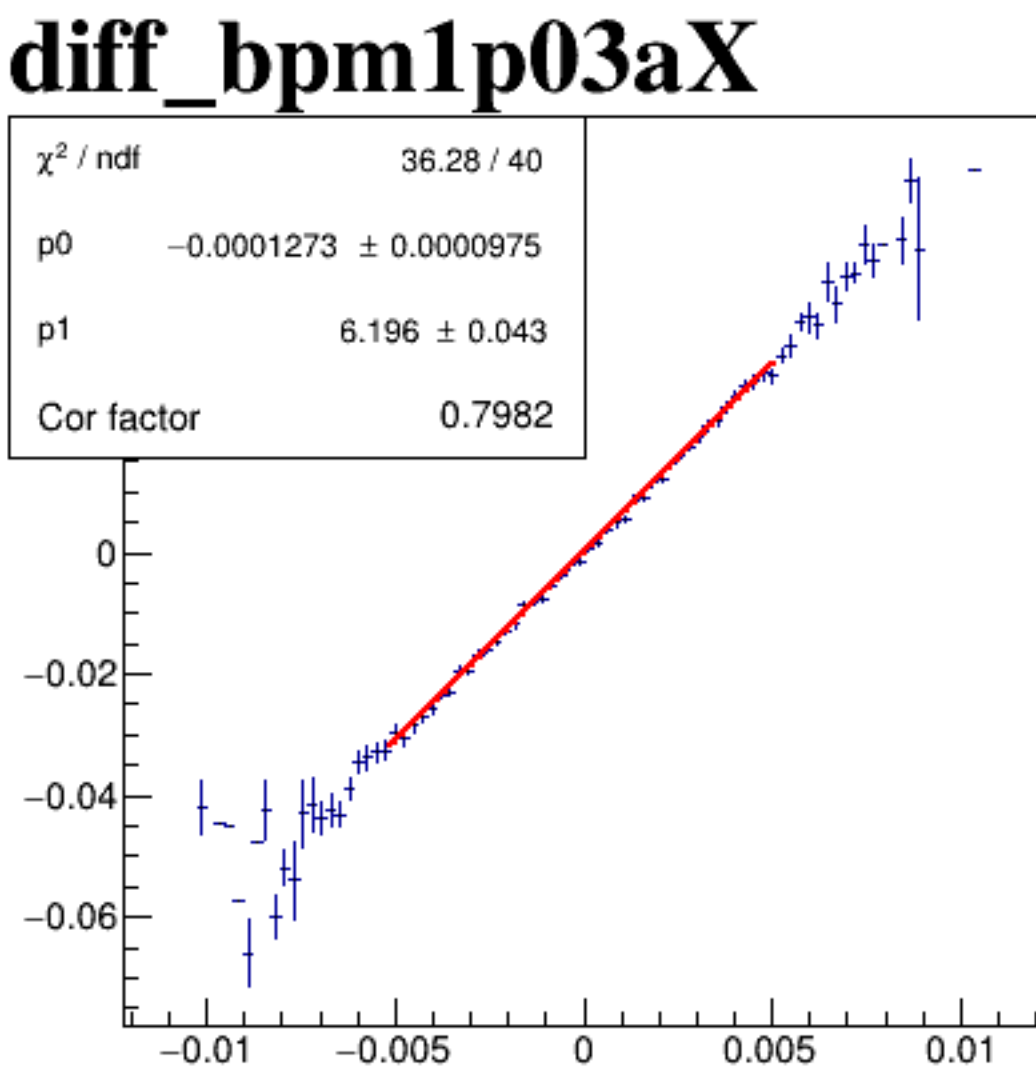
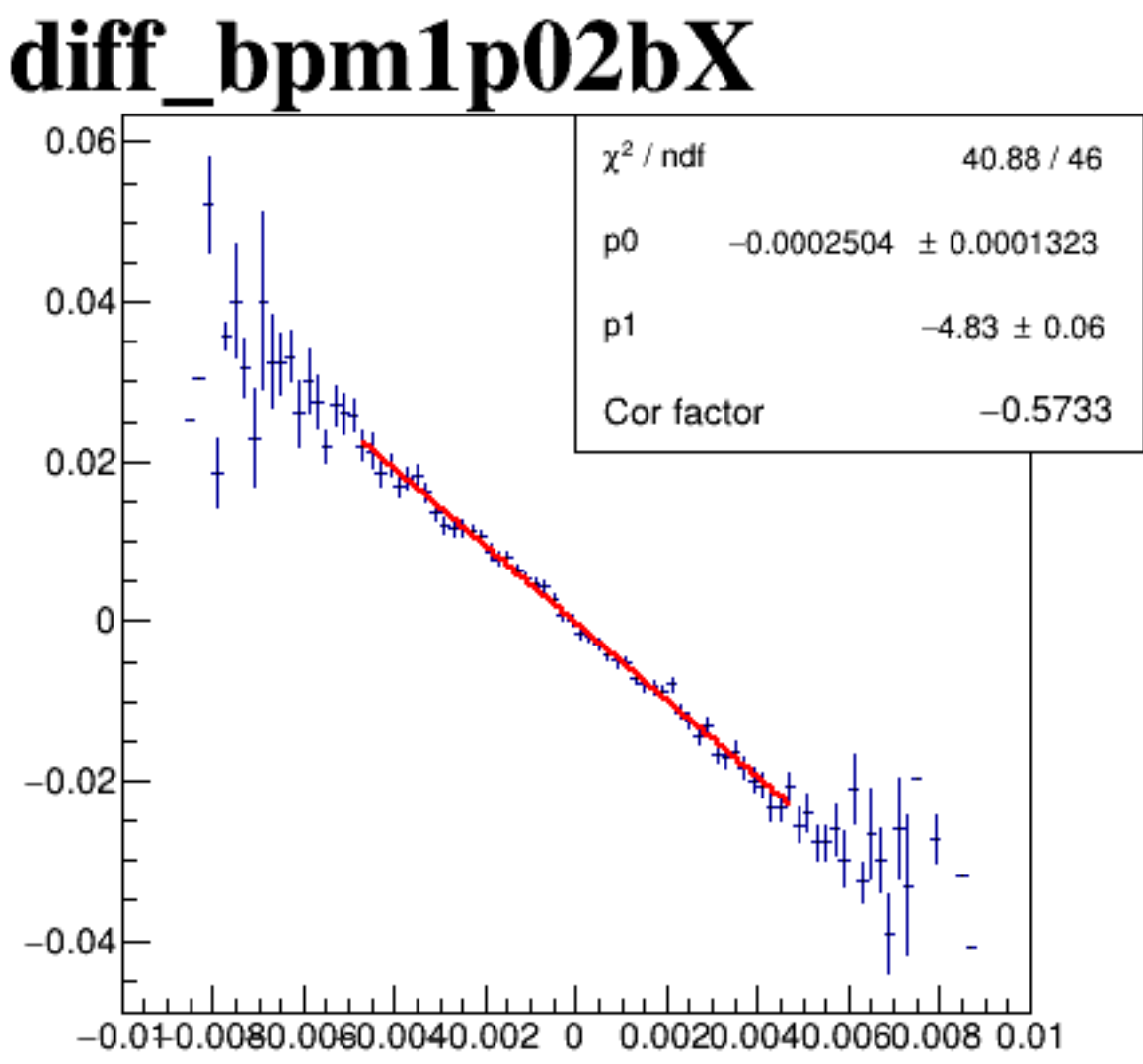
diff_bpm4aX



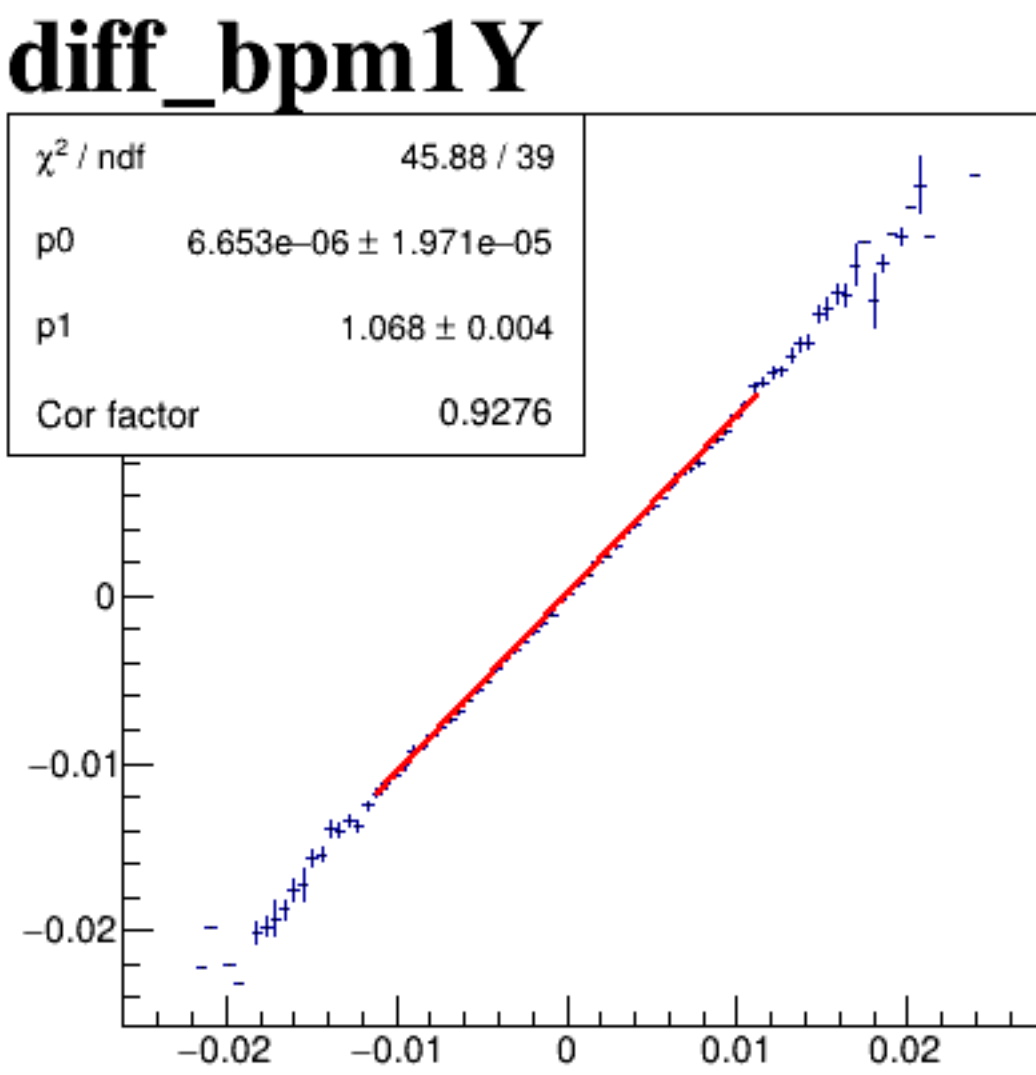
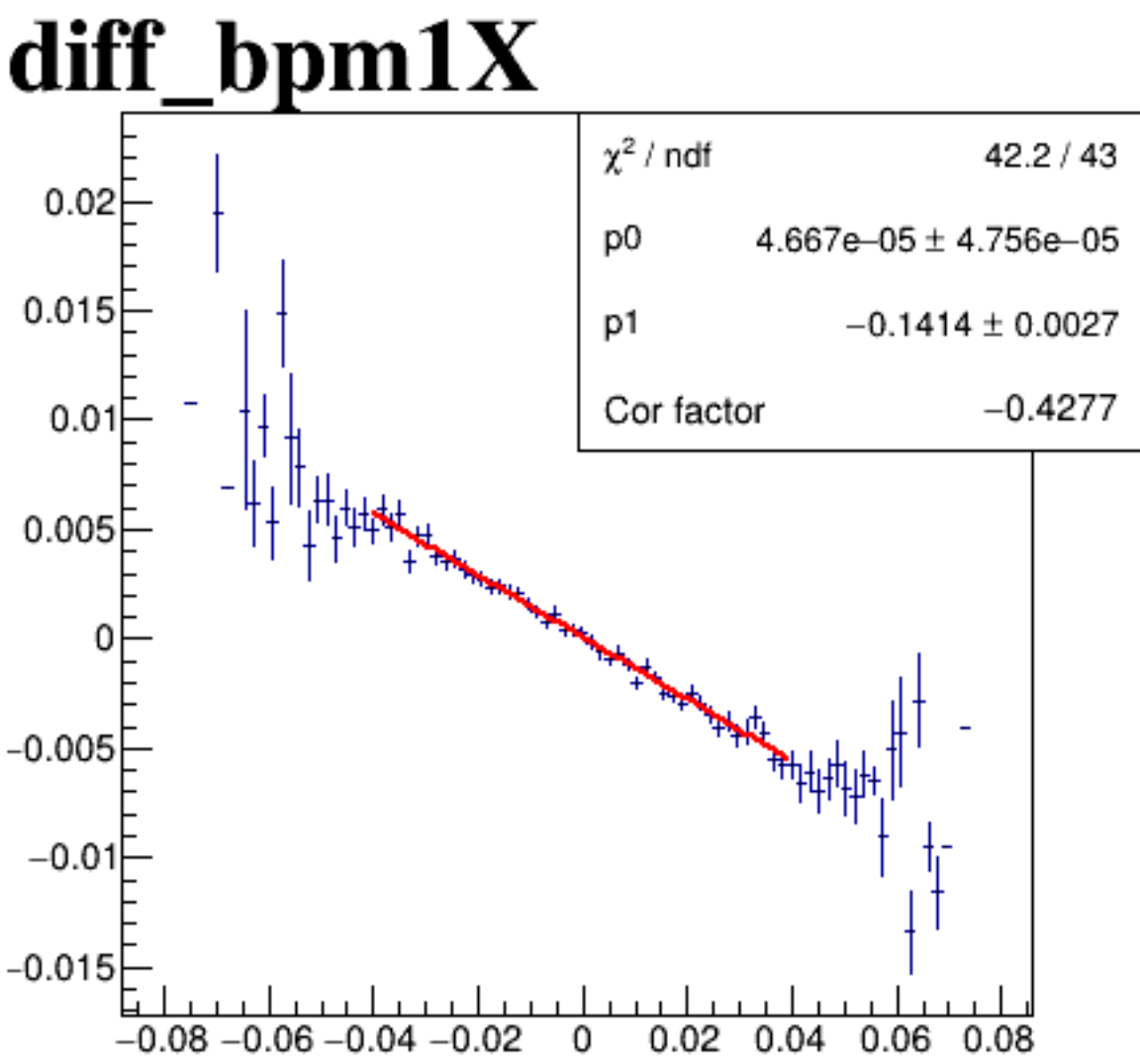
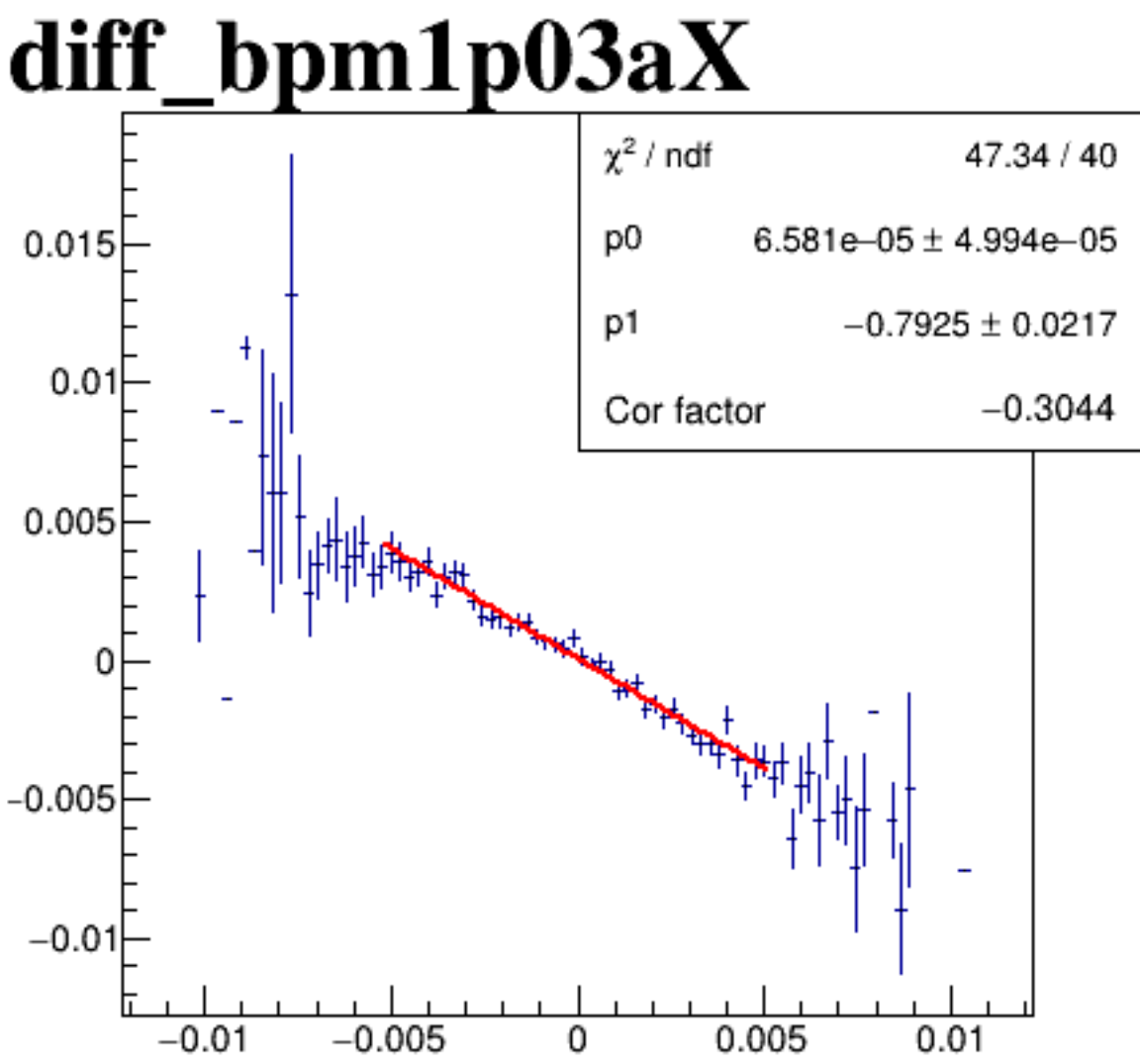
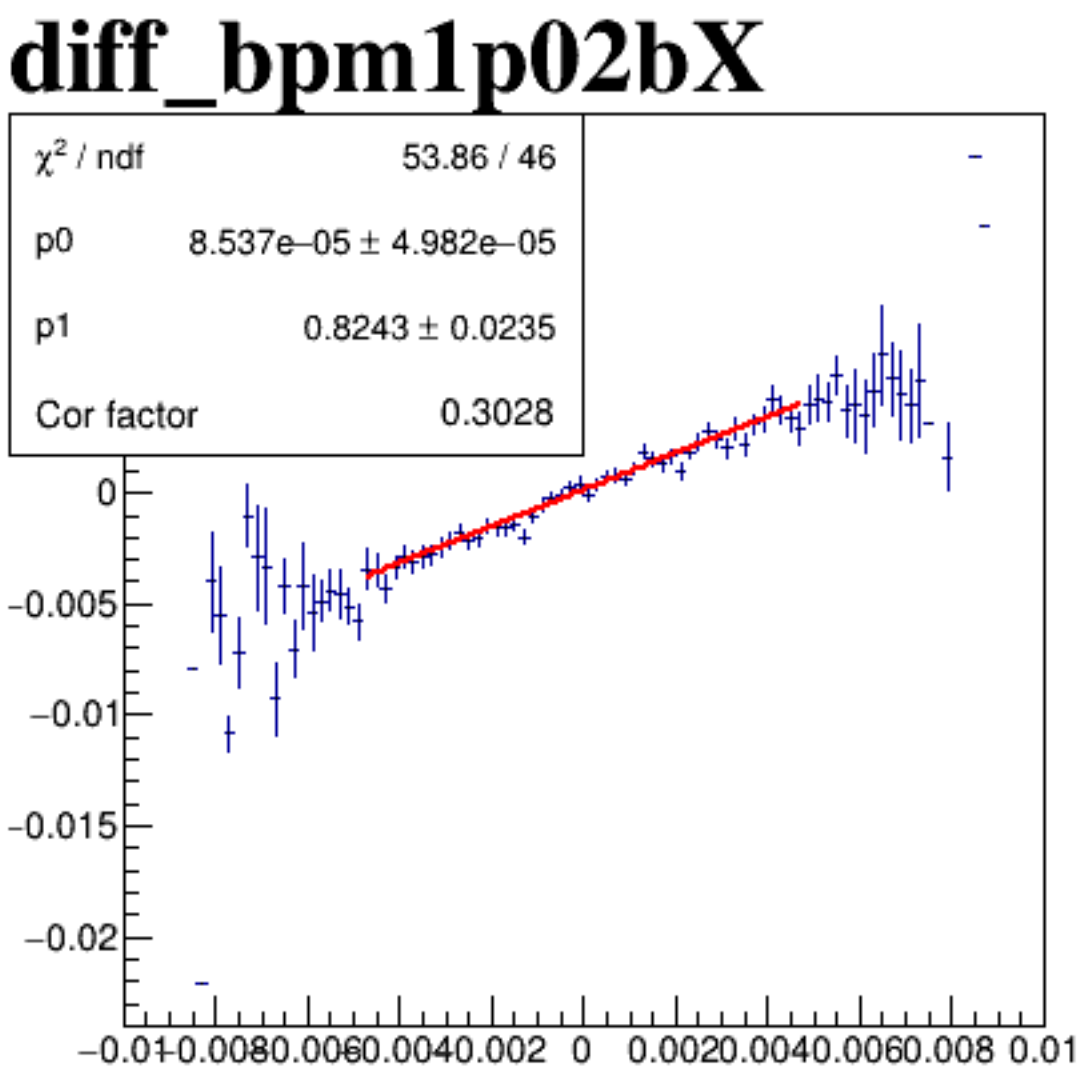
diff_bpm4aY



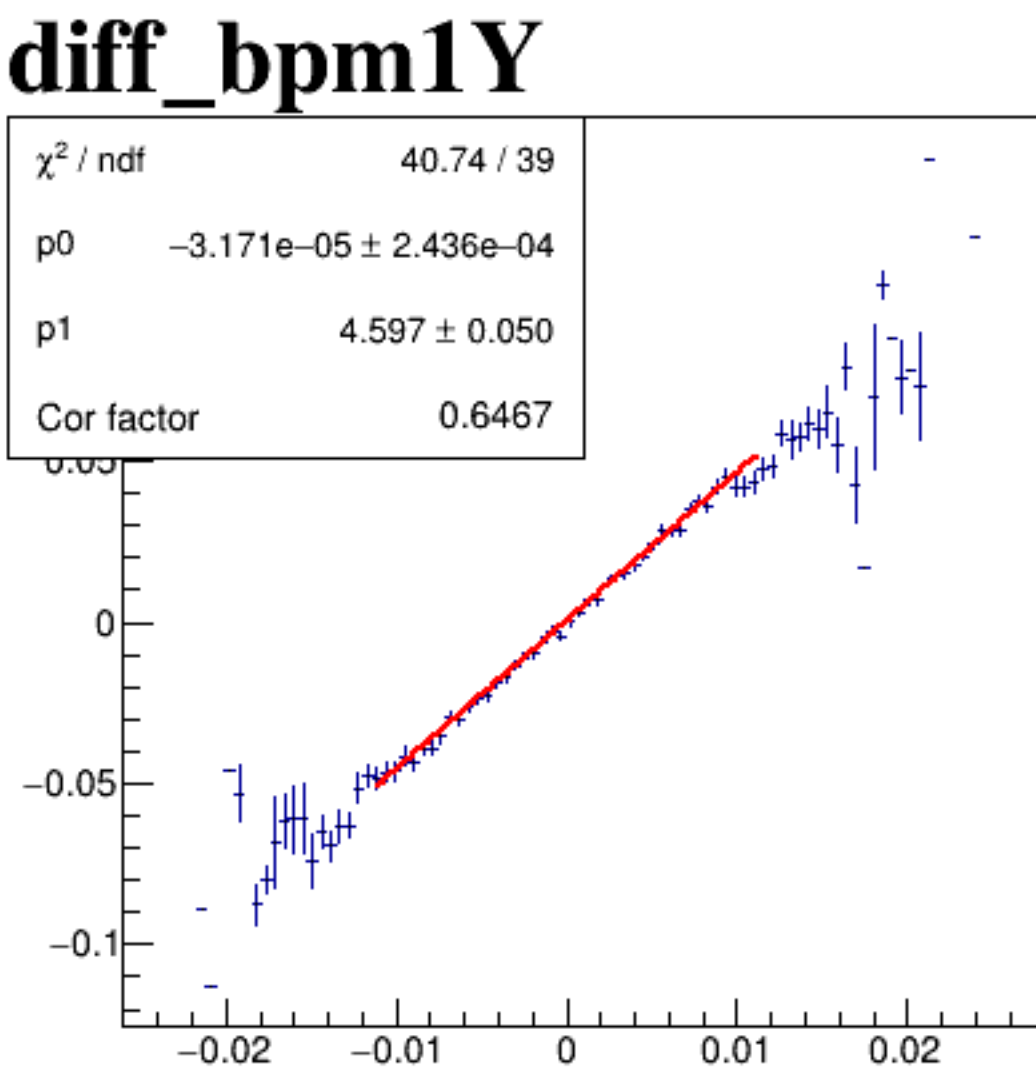
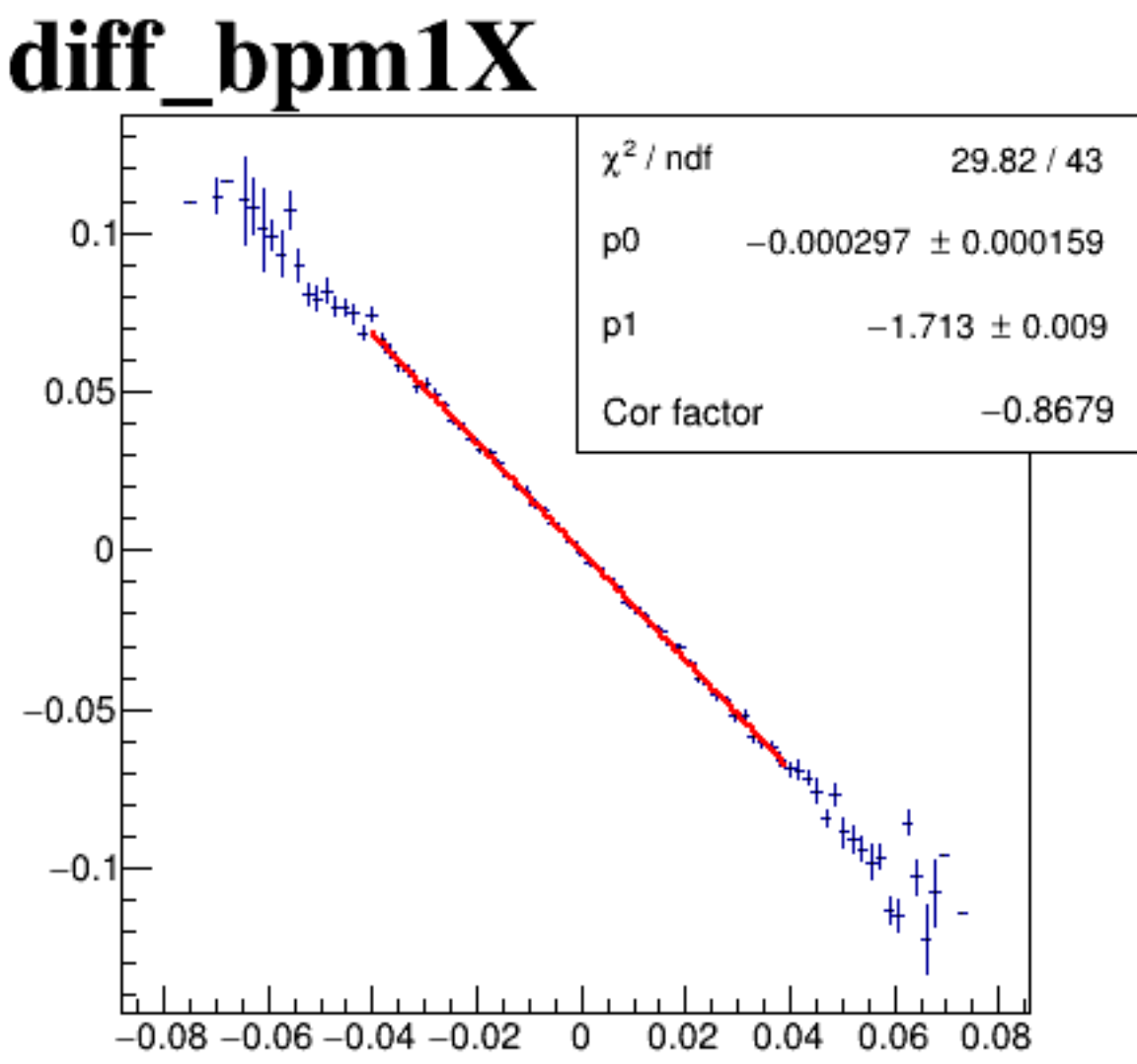
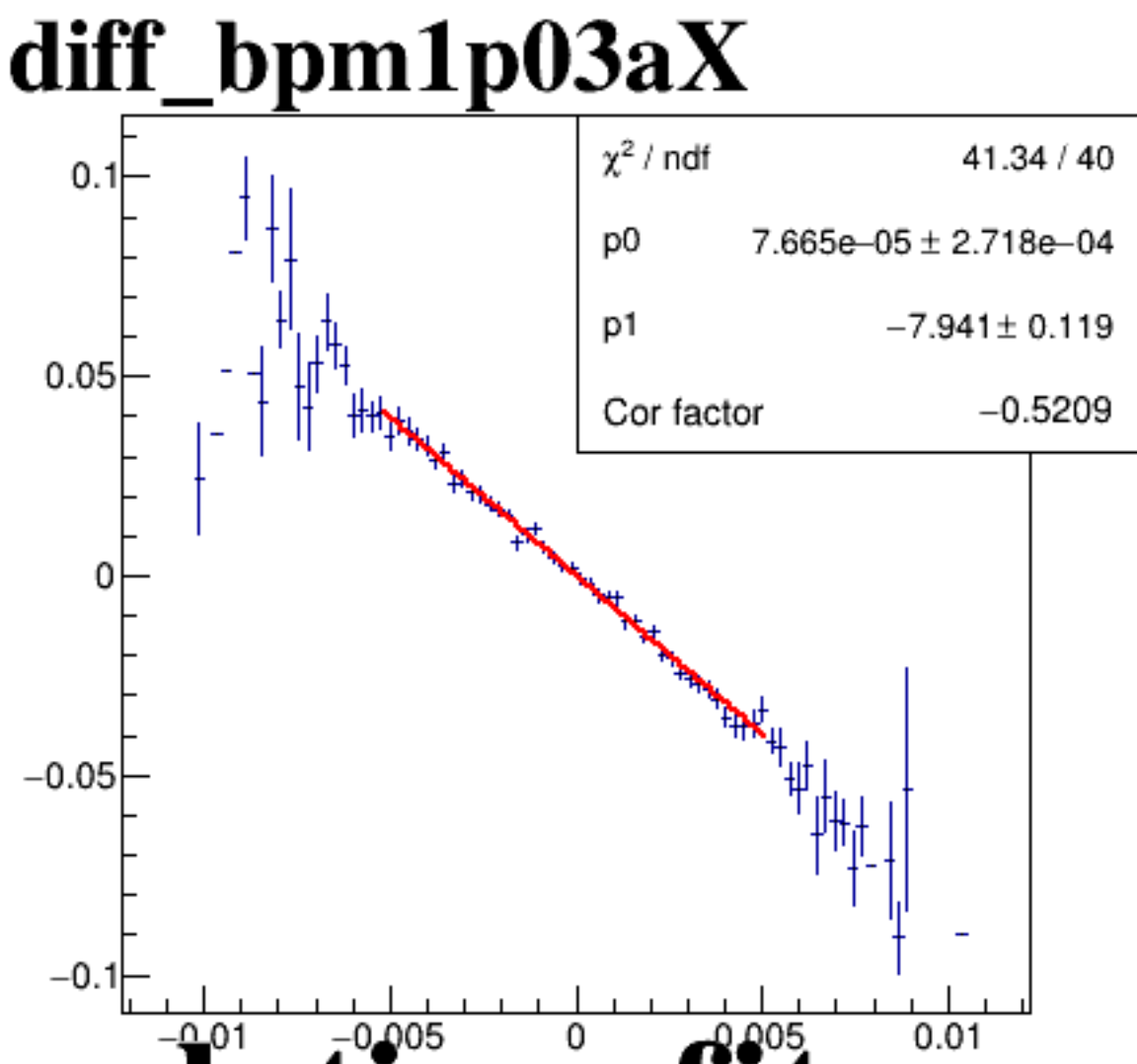
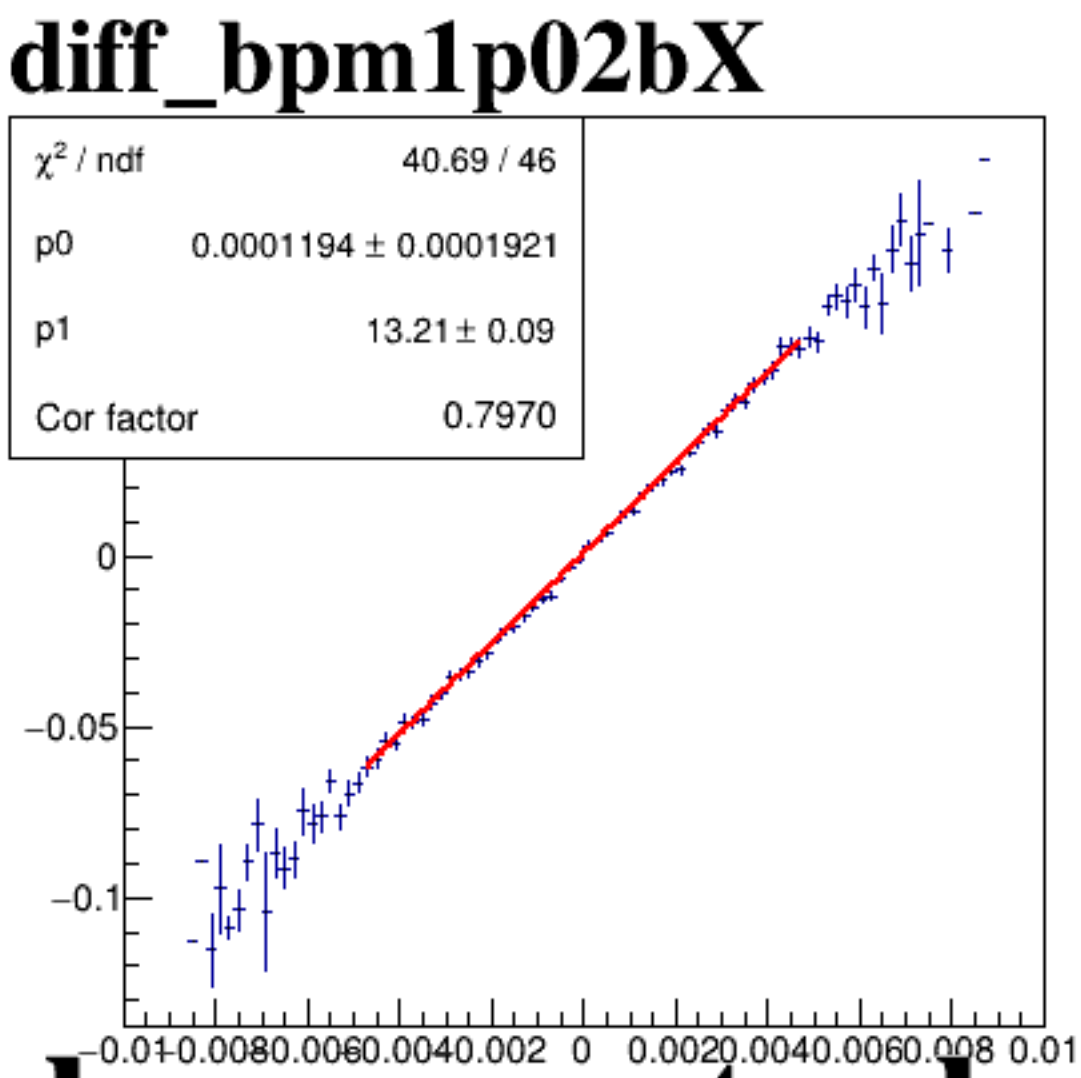
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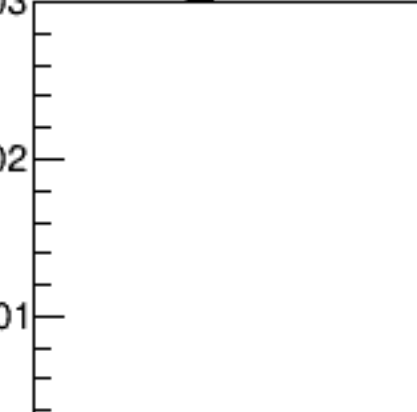
diff_bpm4eY



diff_bpm12X

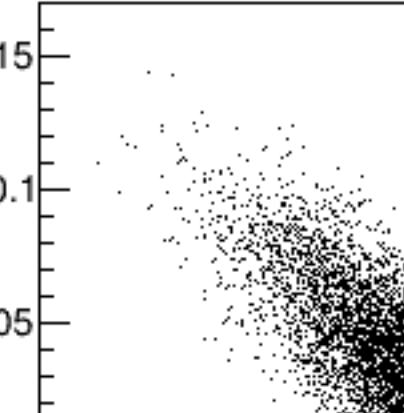


A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y' on the axes. The x-axis ranges from -0.02 to 0.02, and the y-axis ranges from -0.02 to 0.03. The data points form a dense, elongated cloud along the diagonal line y=x, indicating a very strong positive correlation. The density of points is highest near the origin (0,0) and decreases as the values move away from zero in both directions.



A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The x-axis and y-axis both range from -0.02 to 0.03. The data points are tightly clustered along the diagonal line y=x, indicating a strong positive correlation. The plot is titled 'diff_bpm1Y' in large, bold, black font at the top left.

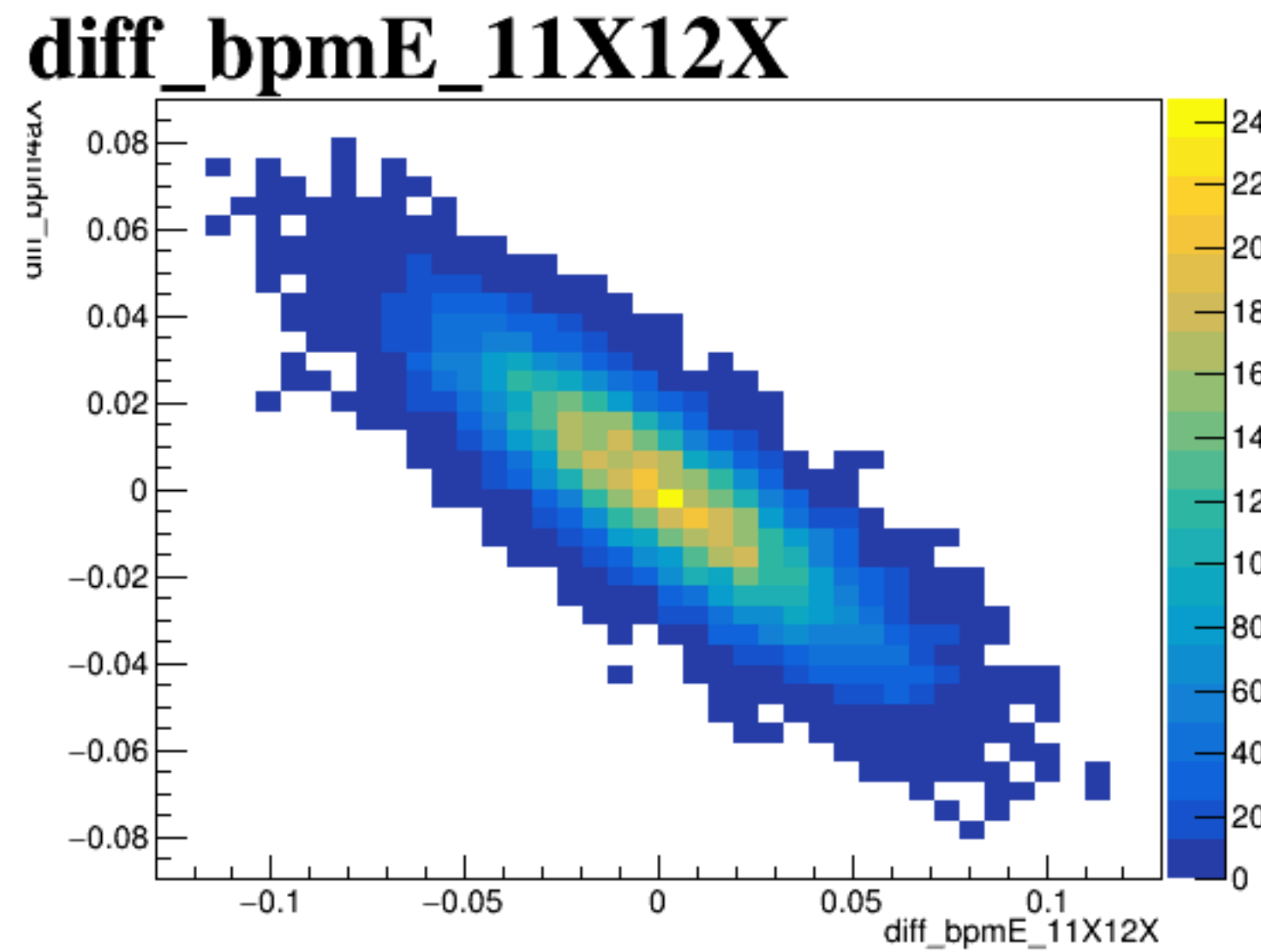
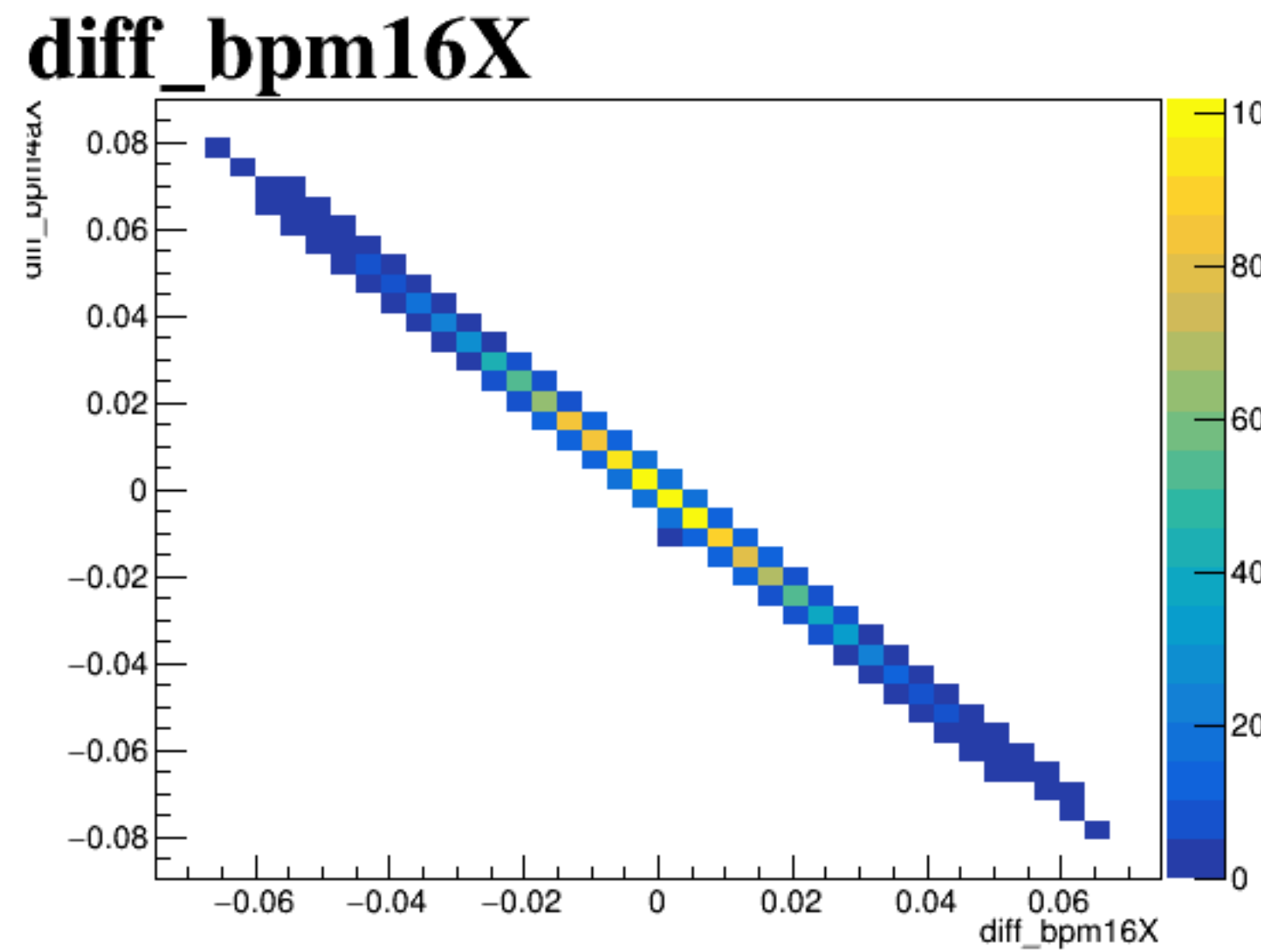
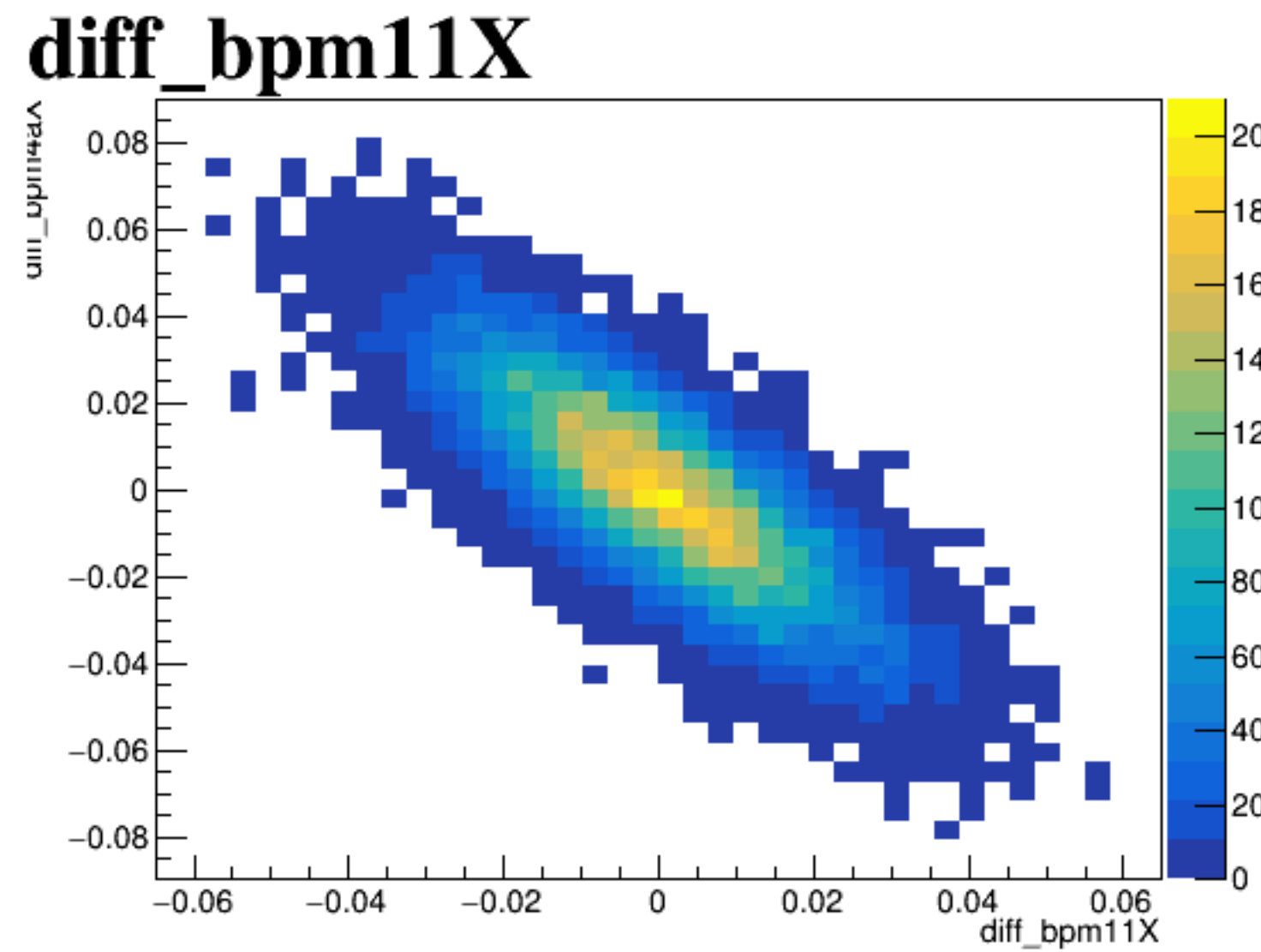
A scatter plot titled "diff_bpm1p02bX". The y-axis is labeled "bpm" and ranges from -0.15 to 0.15 with major ticks every 0.05. The x-axis is labeled "mut" and ranges from -0.01 to 0.01 with major ticks every 0.002. The plot shows a dense cloud of points centered around (0,0), with a slight positive correlation. The points are more concentrated along the diagonal line y=x.



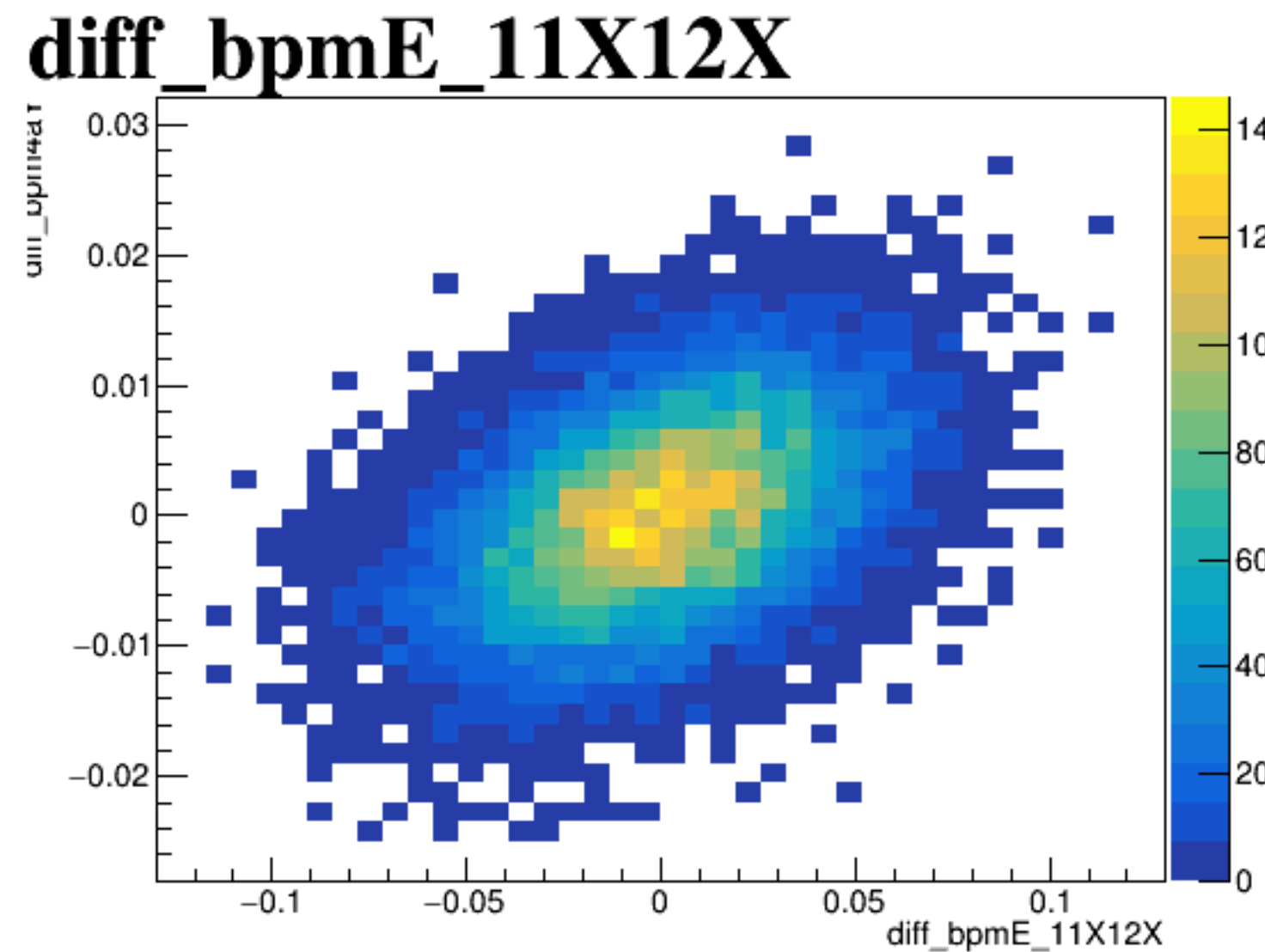
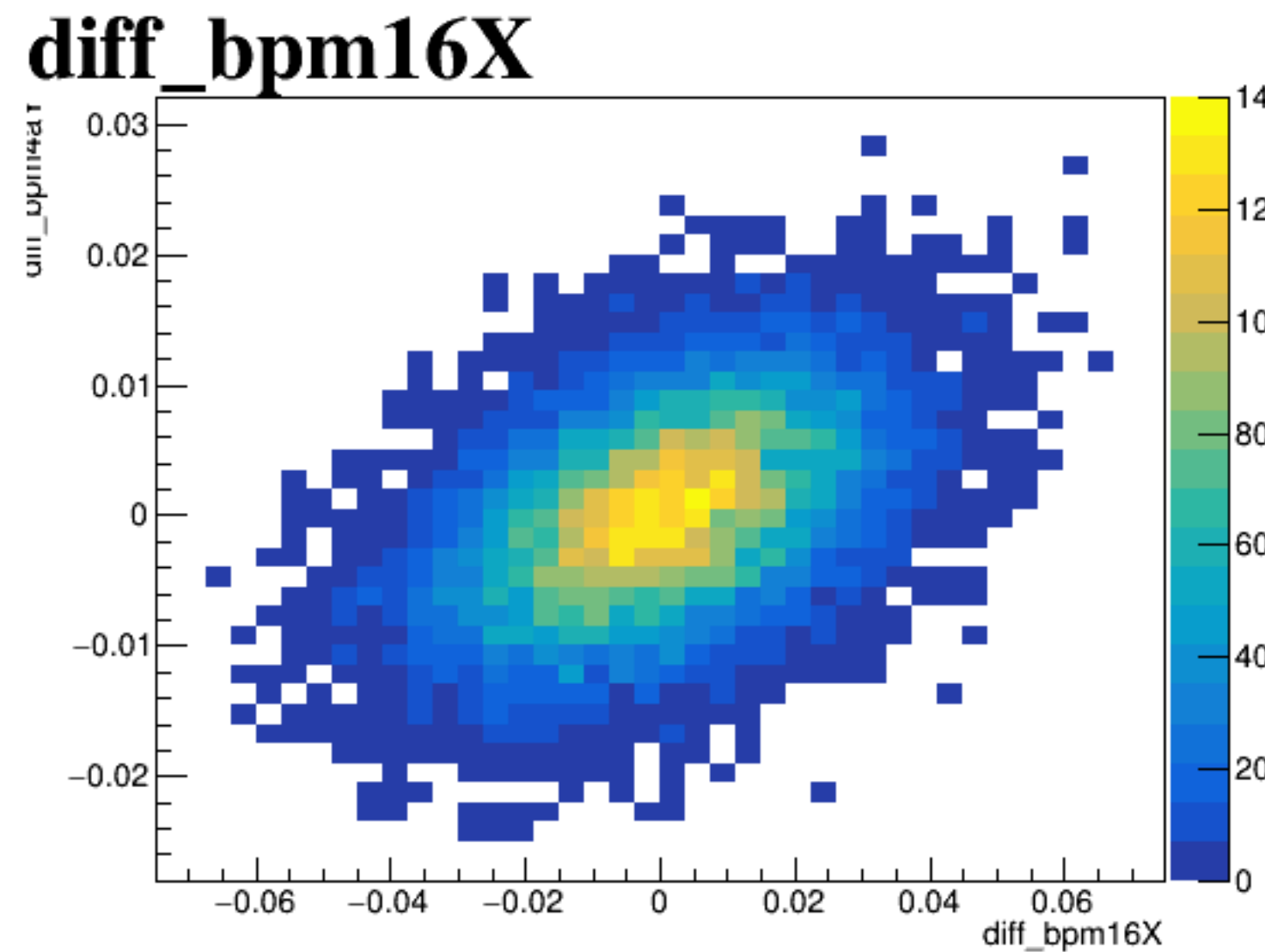
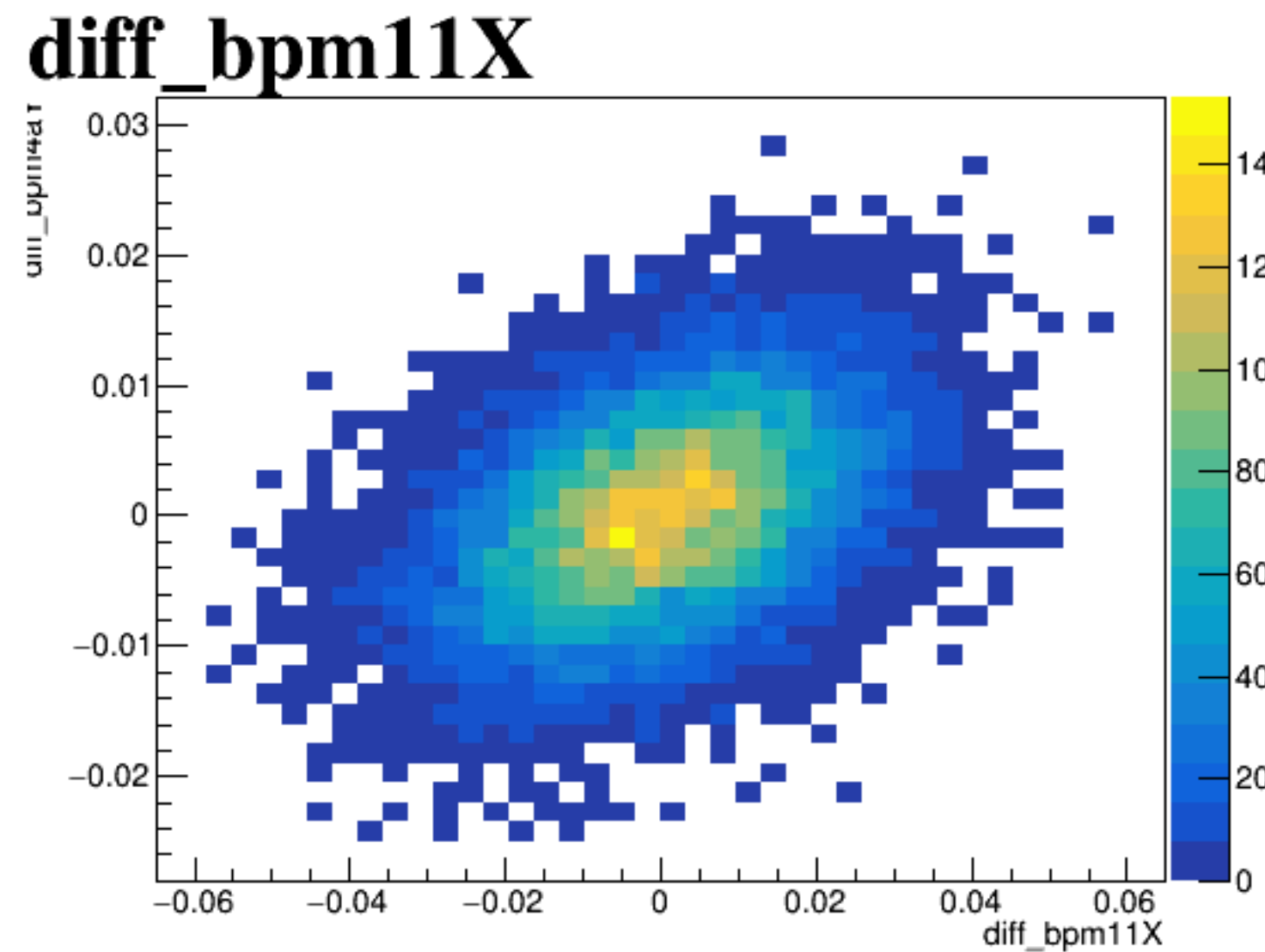
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The x-axis and y-axis both range from -0.08 to 0.08 with major ticks every 0.02. The plot contains a dense cloud of points forming a diagonal band from the bottom-left to the top-right, indicating a strong positive correlation. The density of points is highest along the diagonal and decreases as the values move away from zero.

A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.02. The y-axis ranges from -0.15 to 0.15.

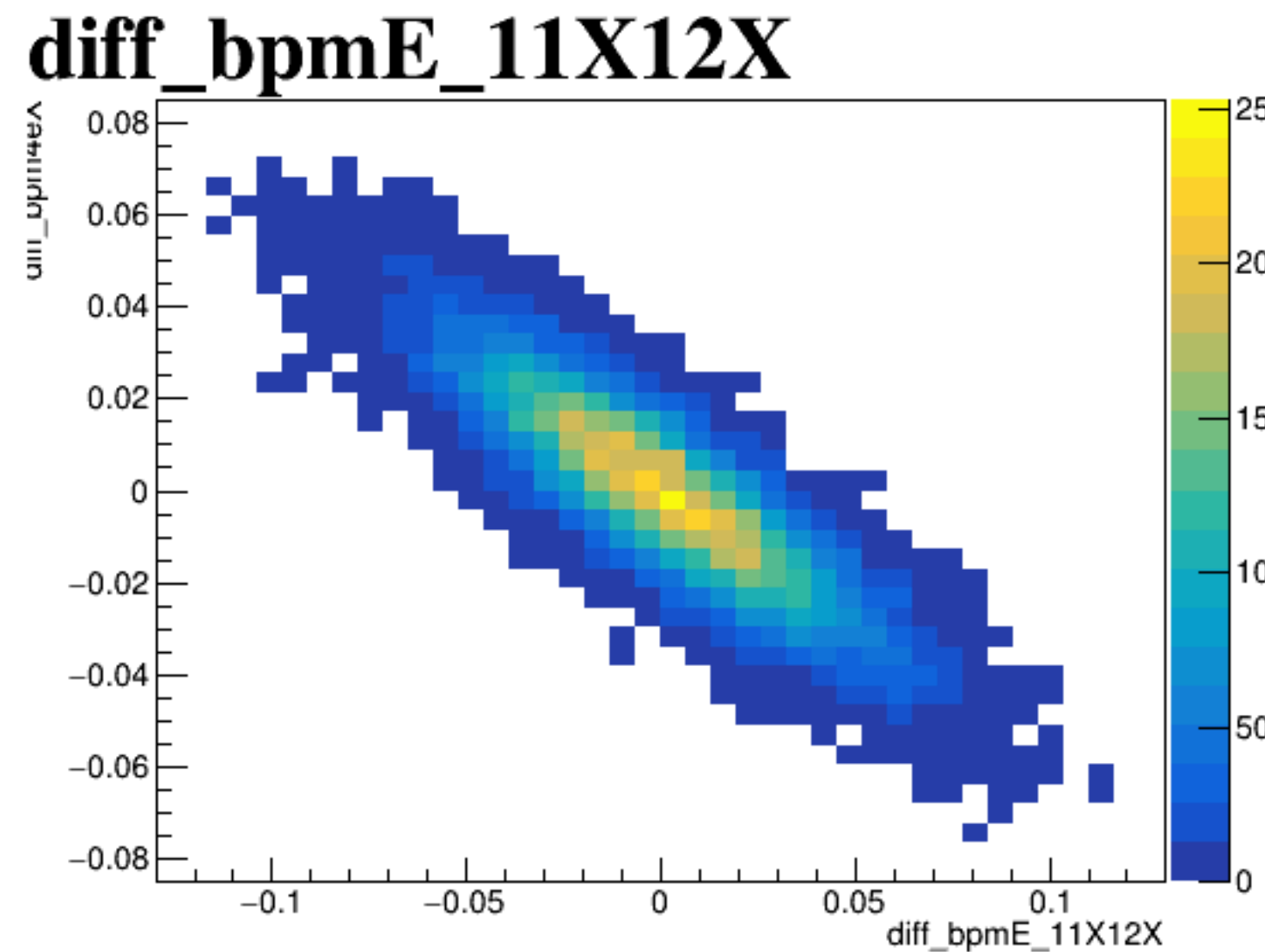
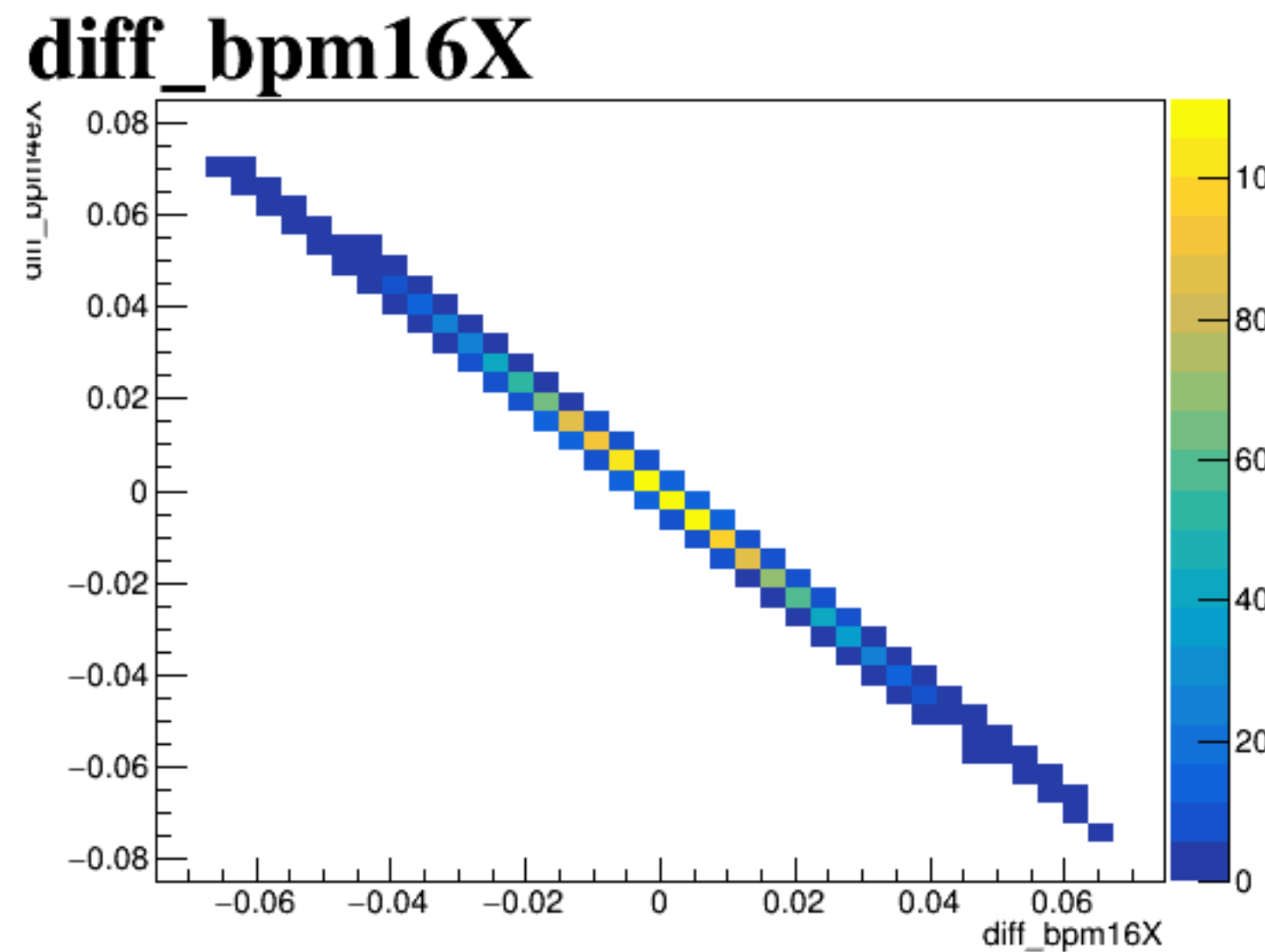
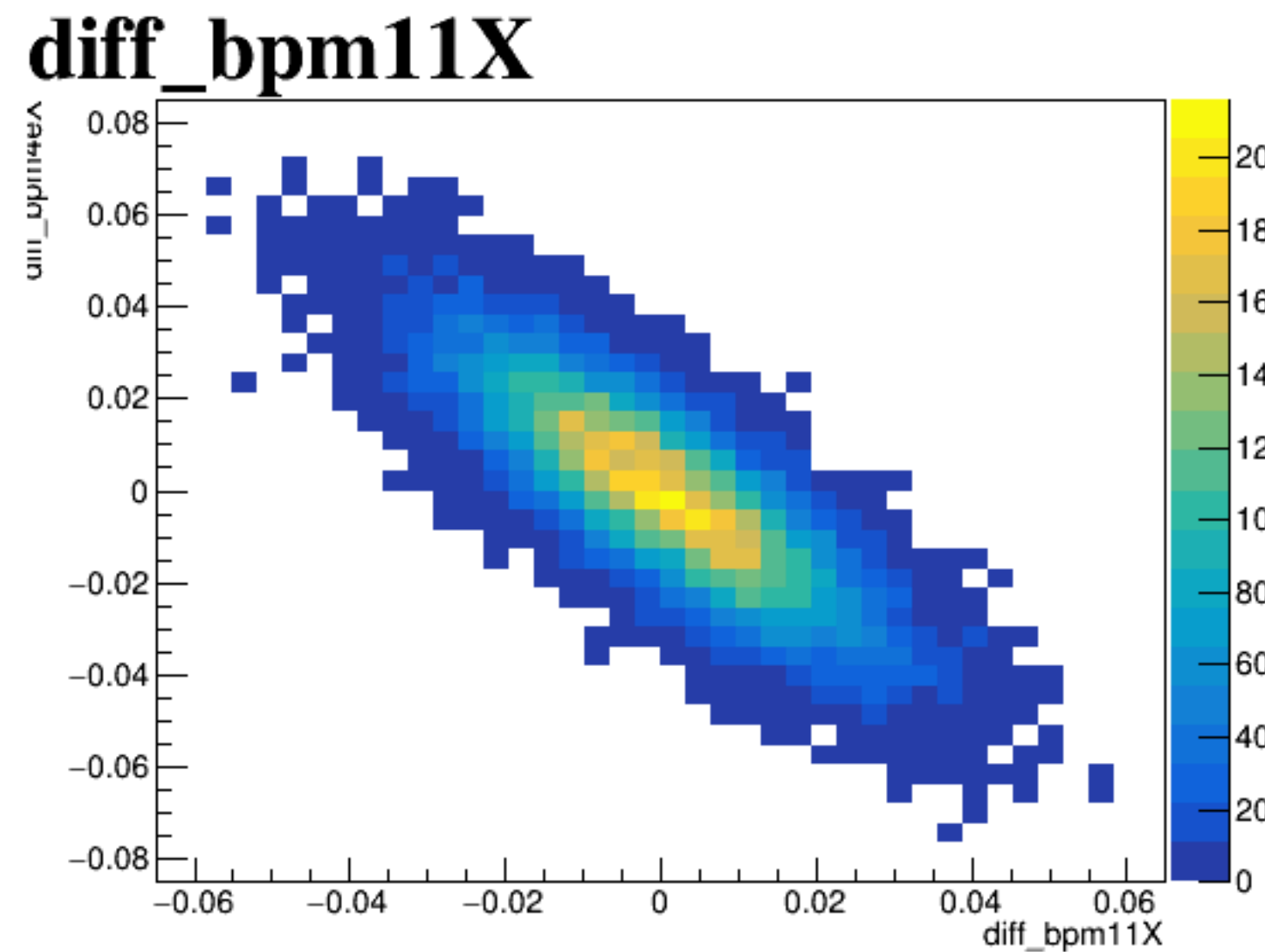
diff_bpm4aX



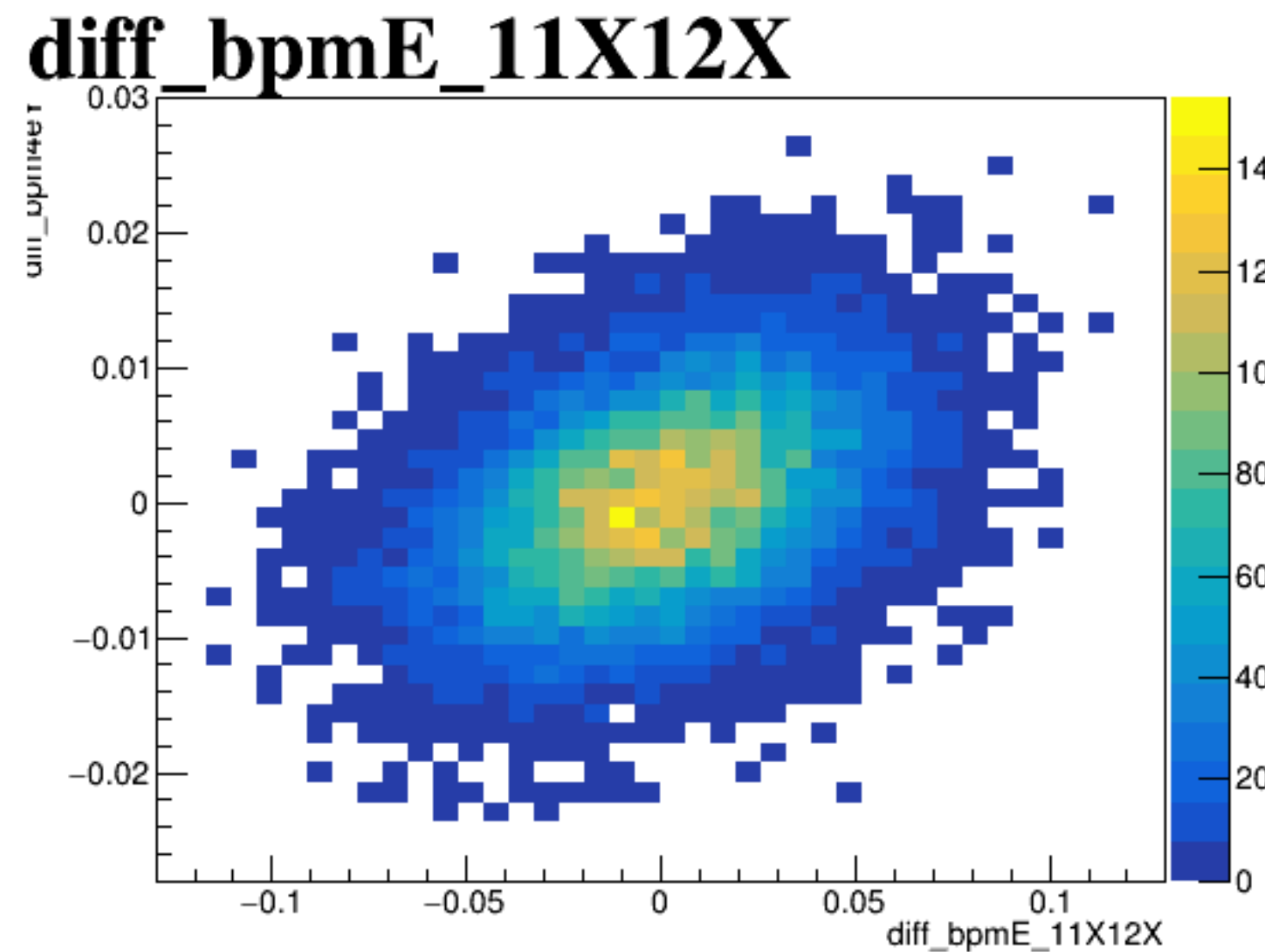
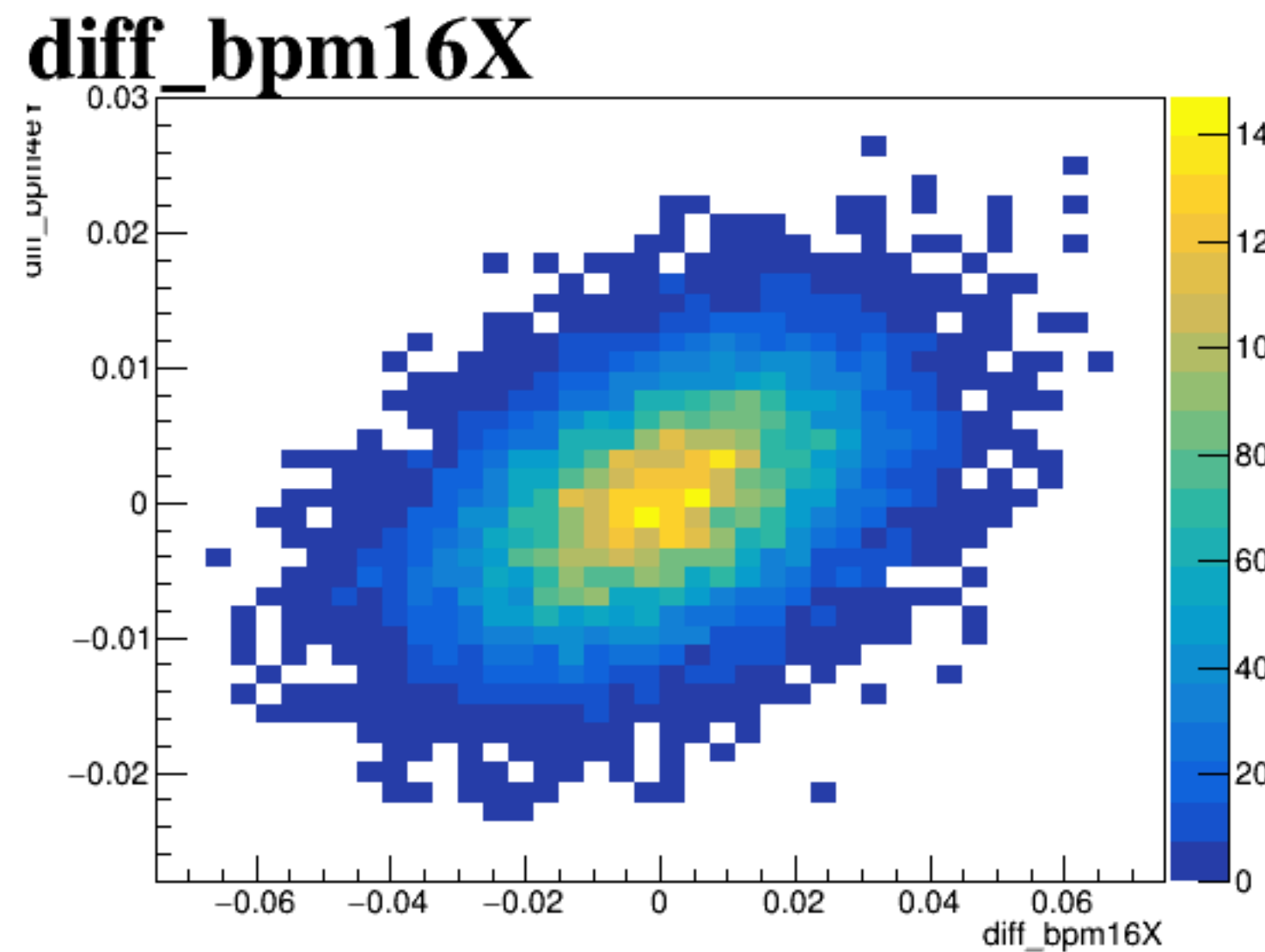
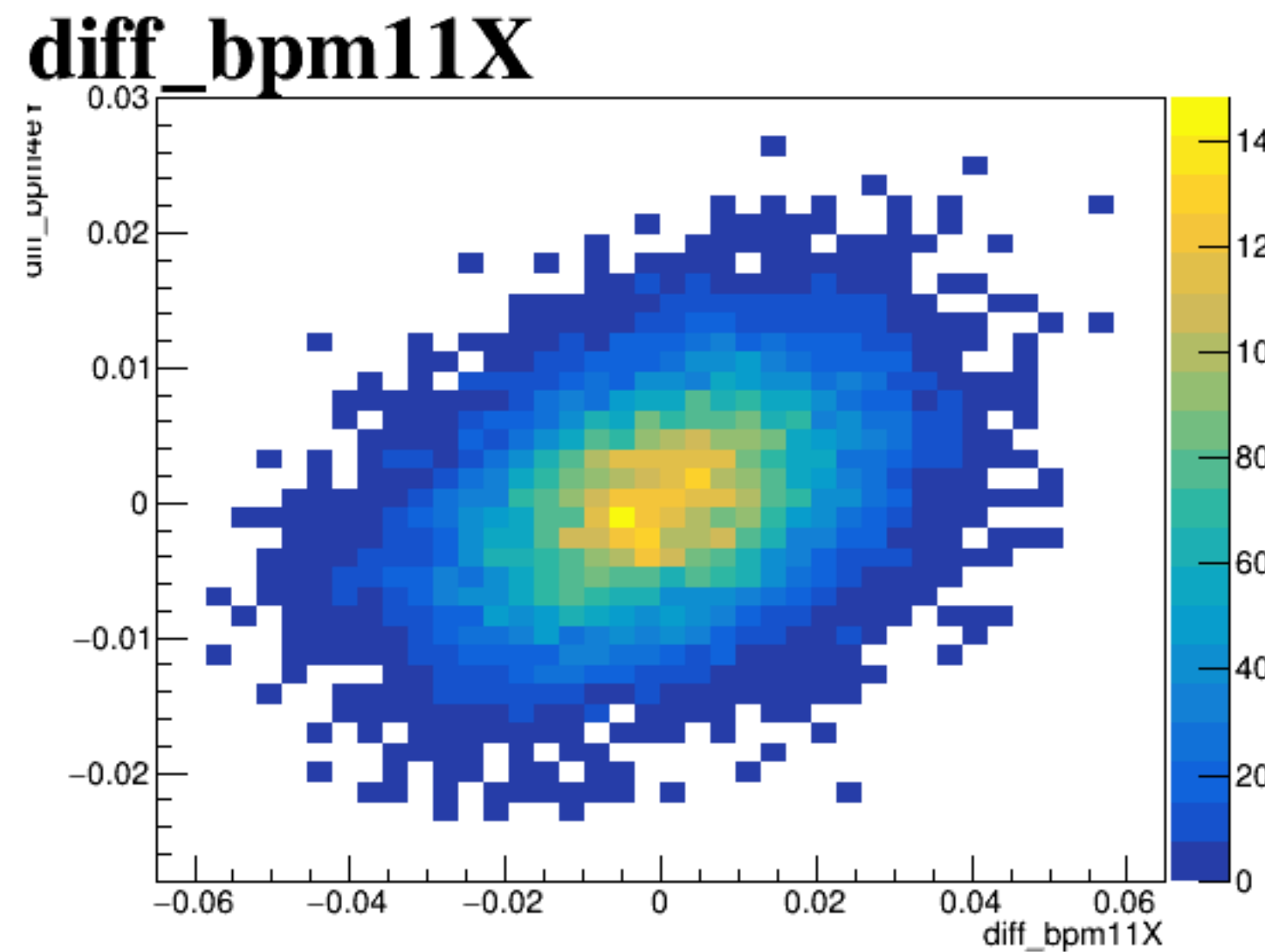
diff_bpm4aY



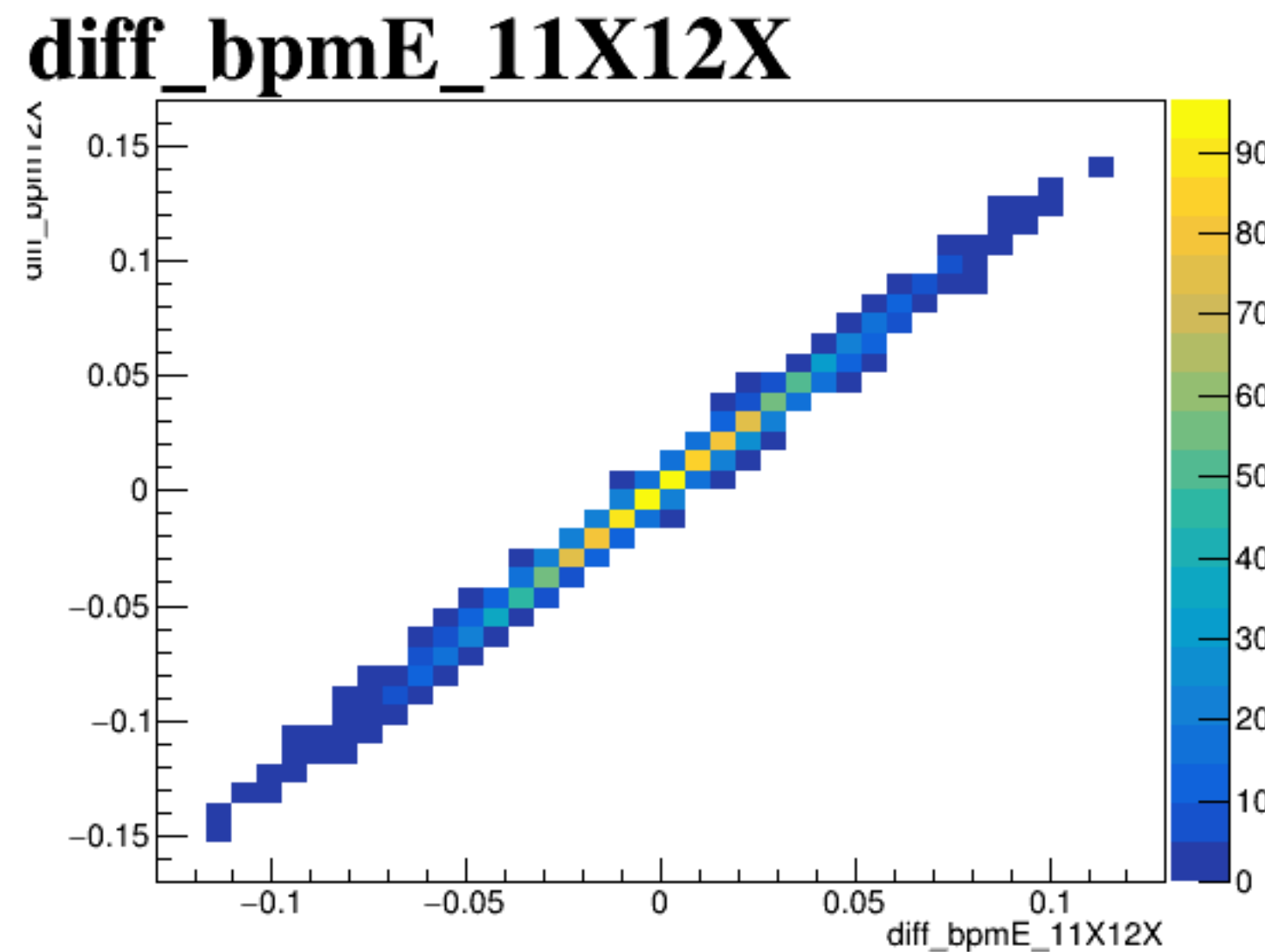
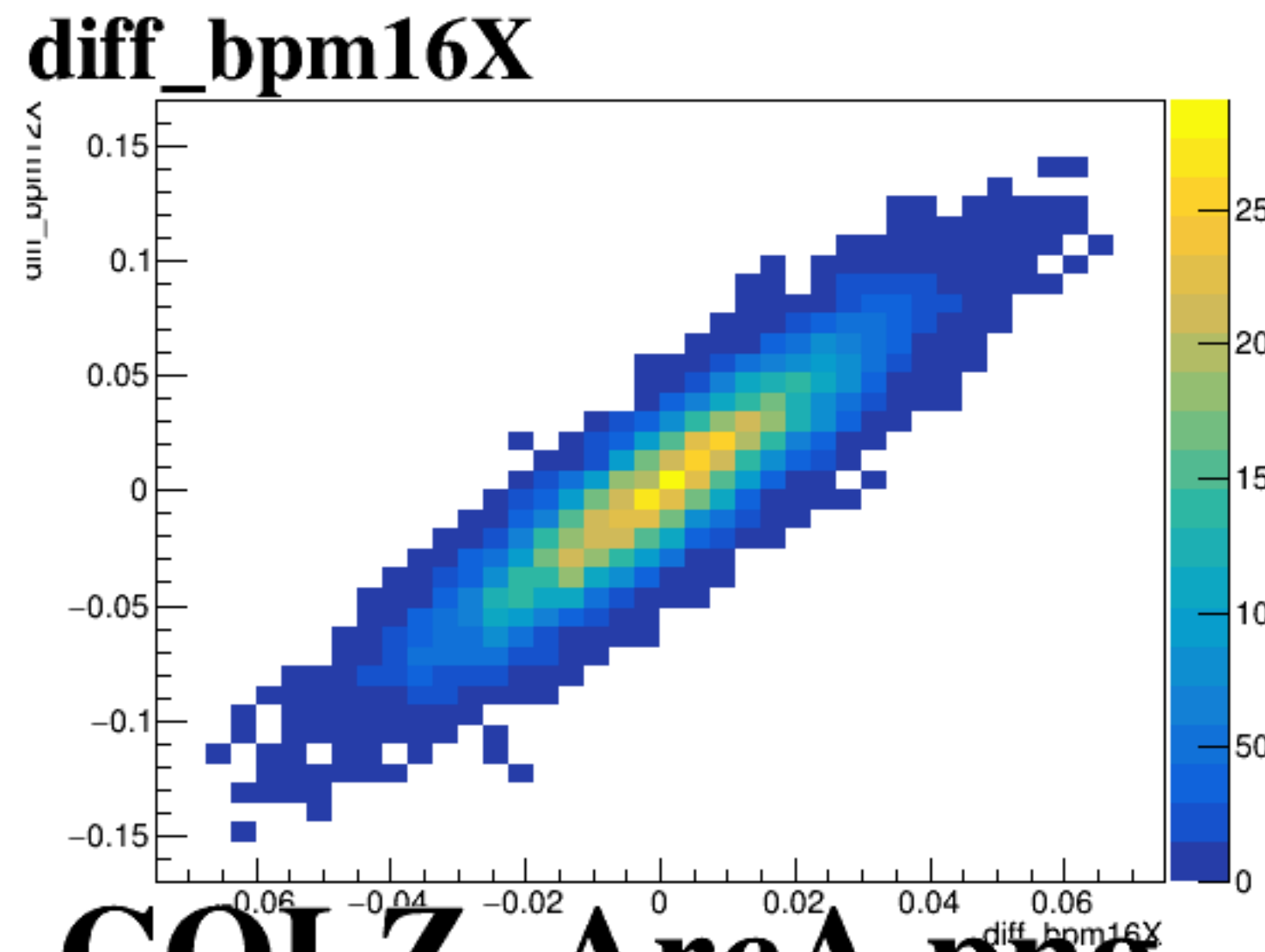
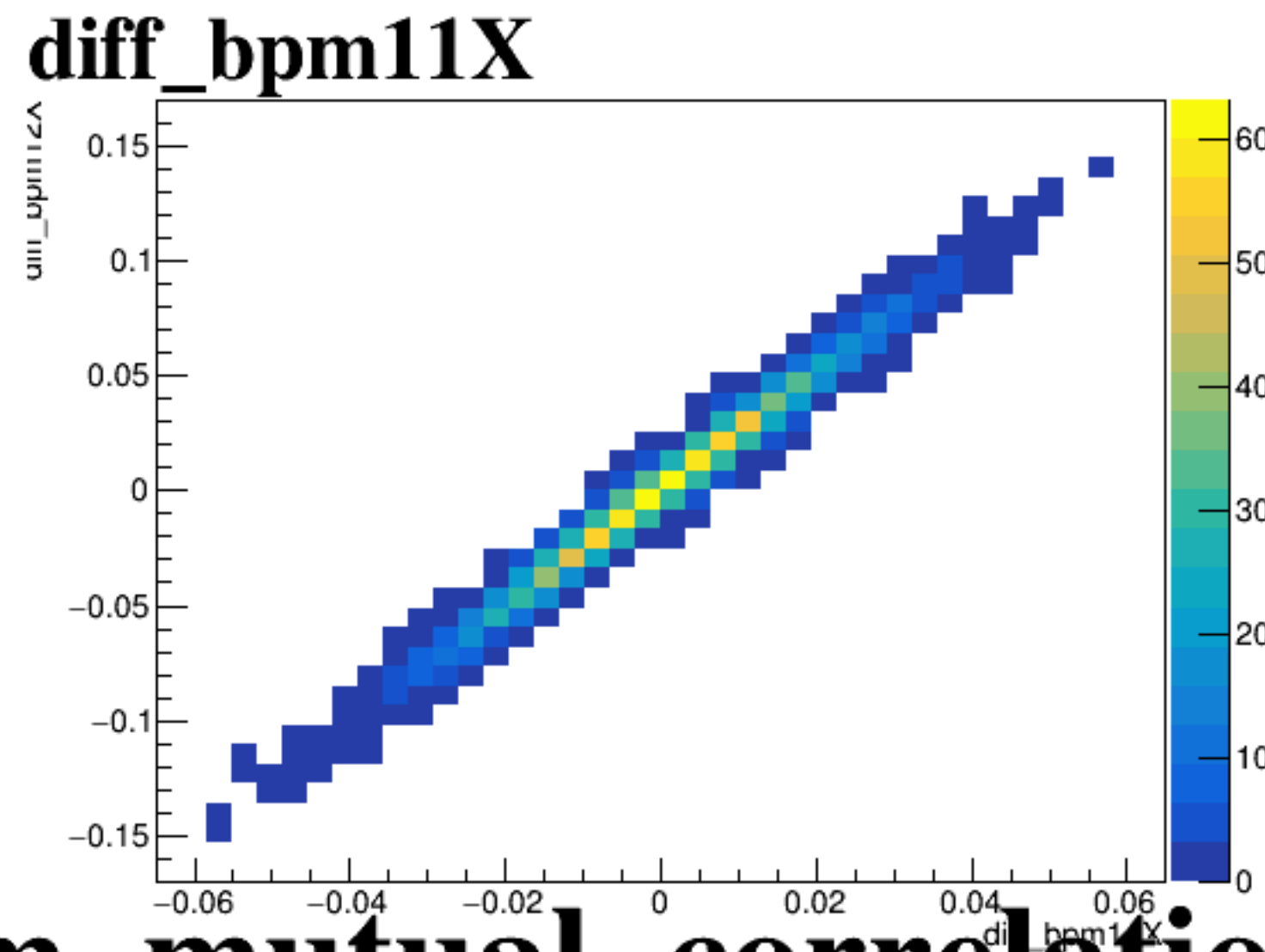
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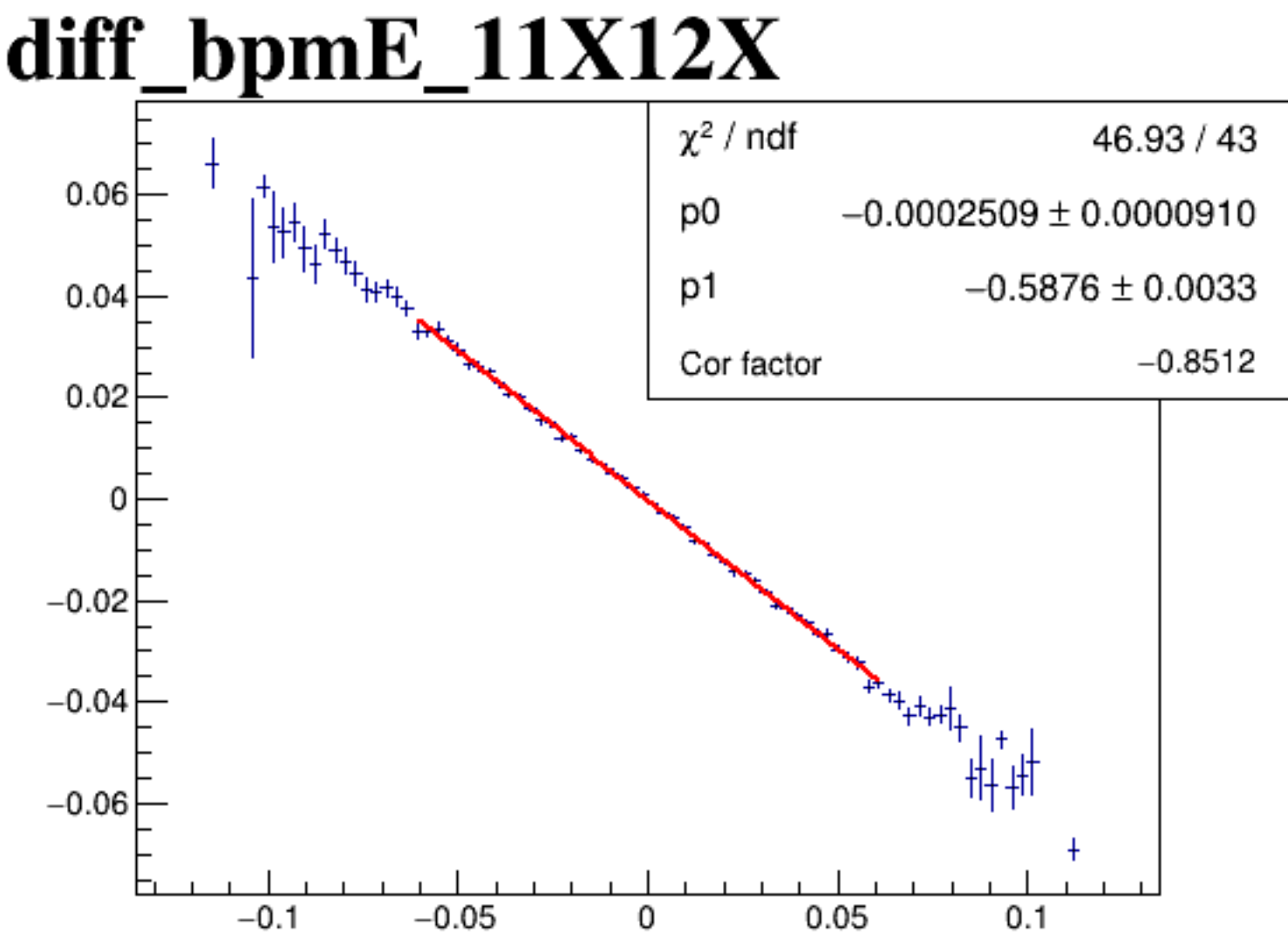
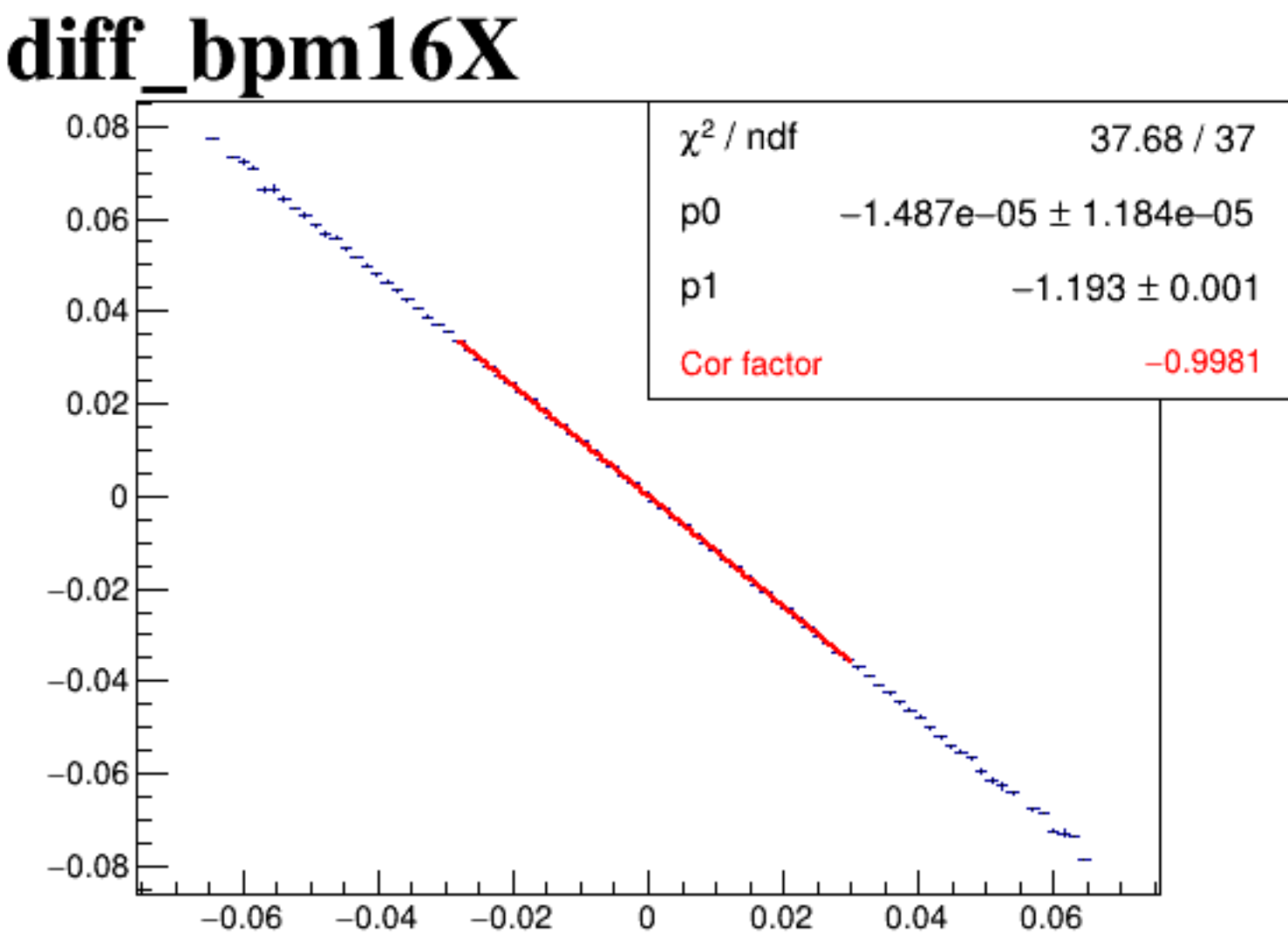
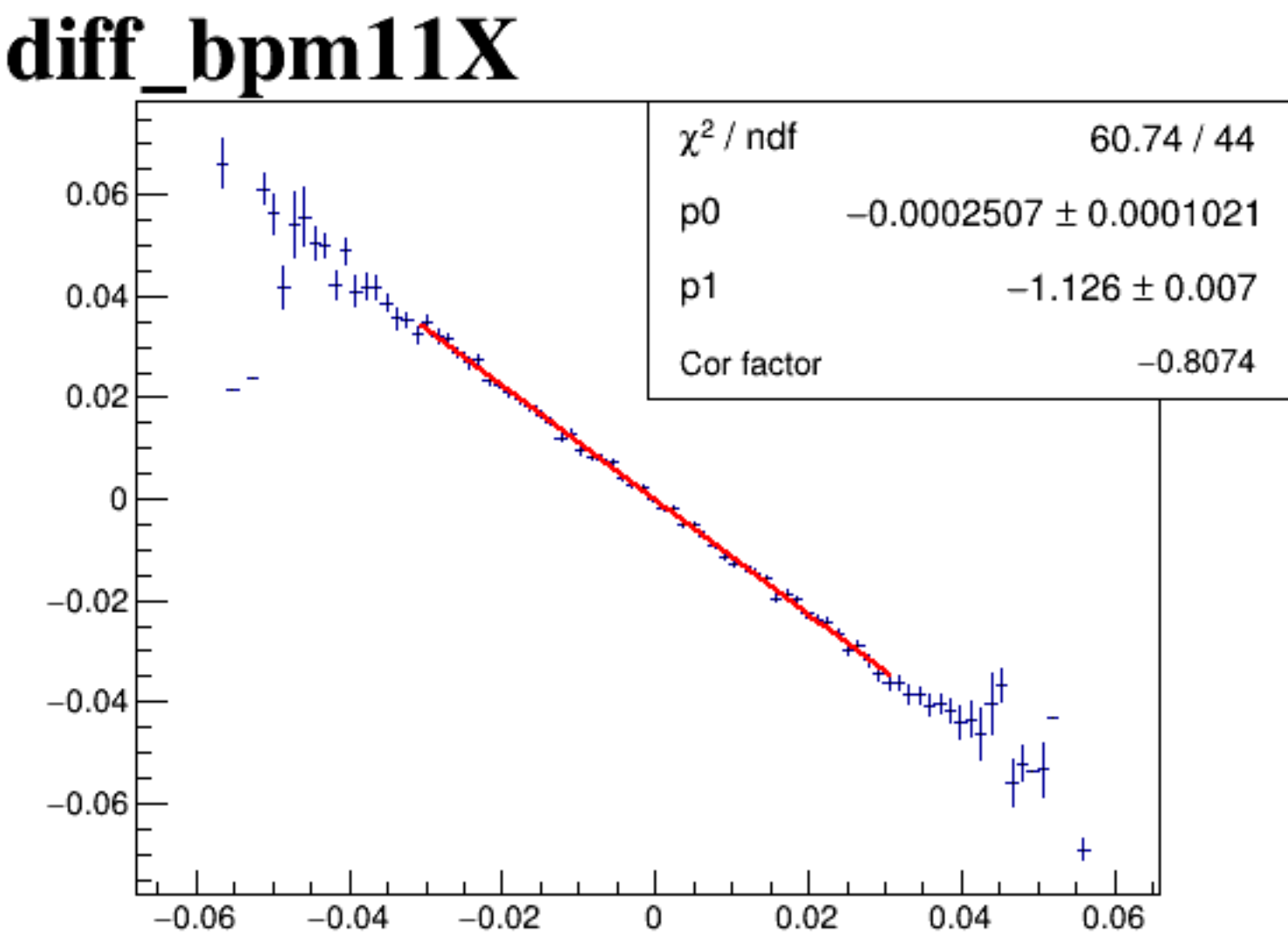
diff_bpm4eY



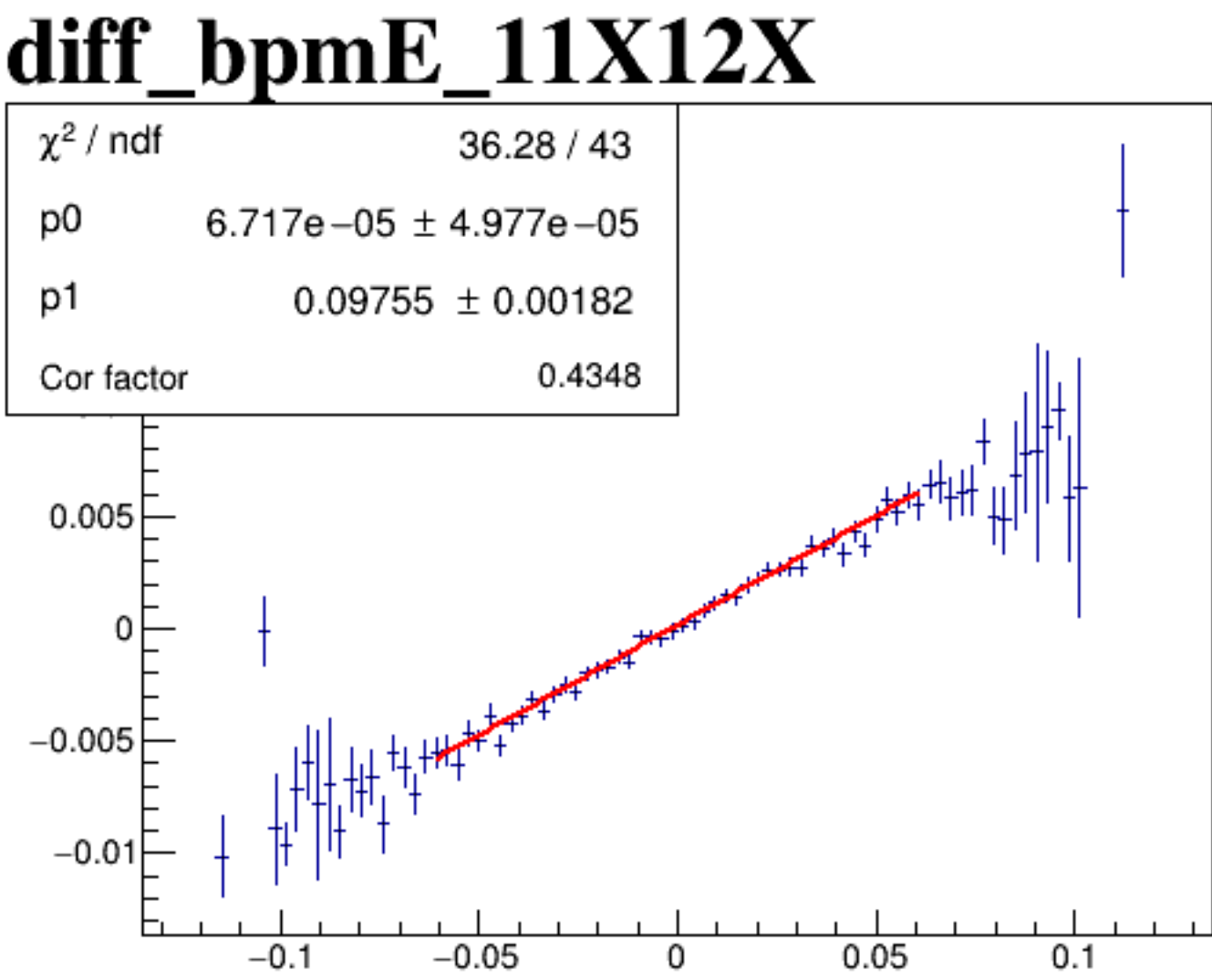
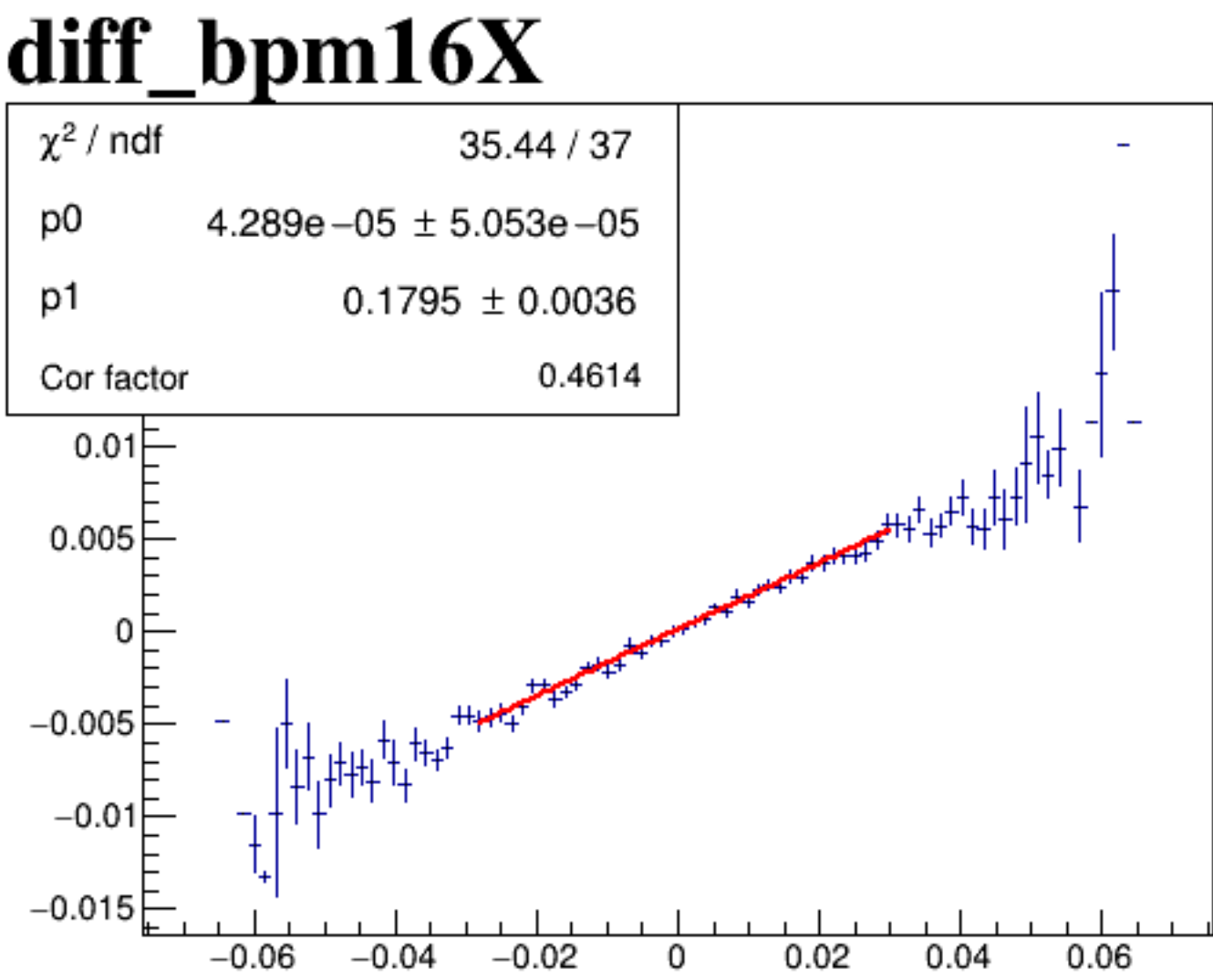
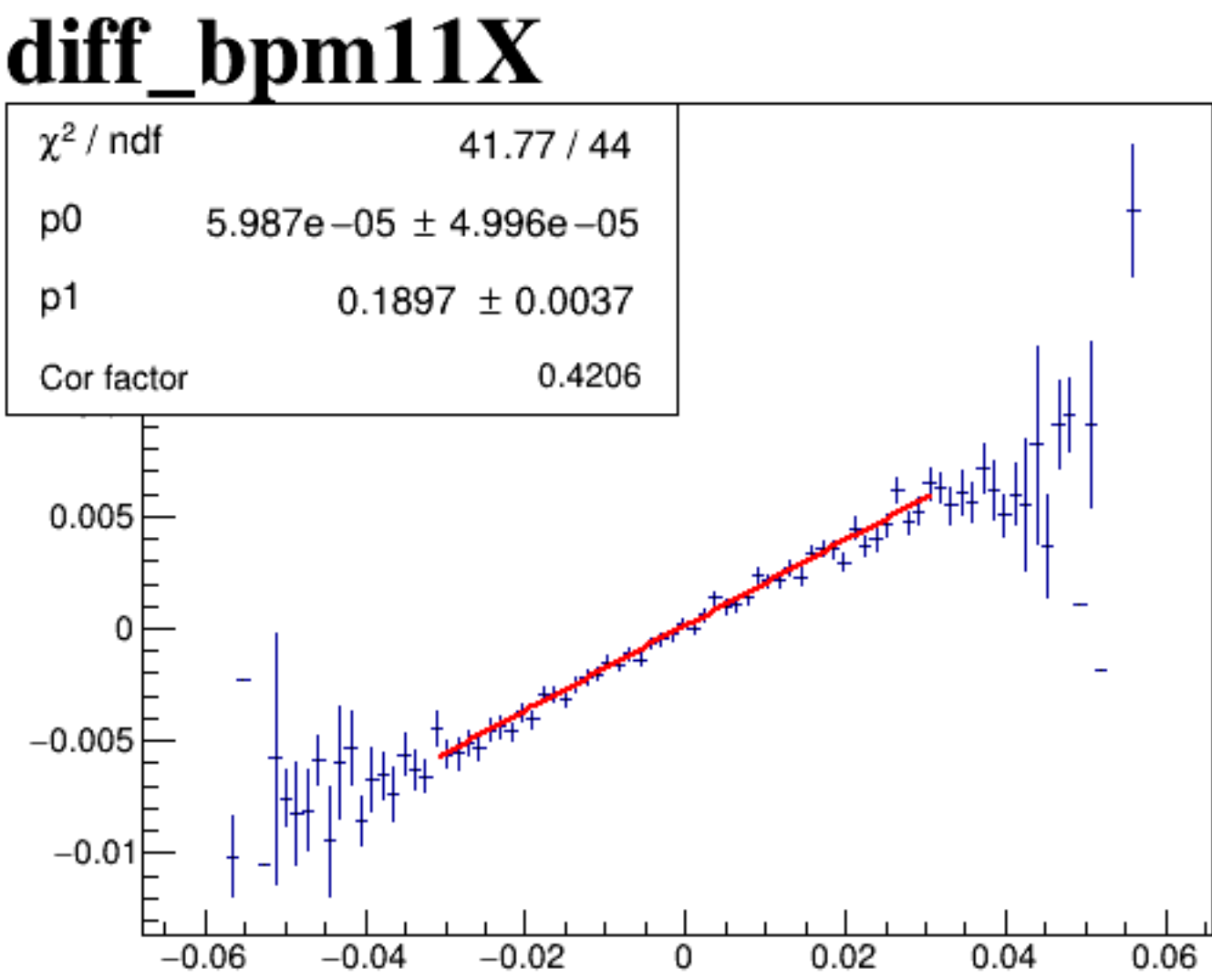
diff_bpm12X



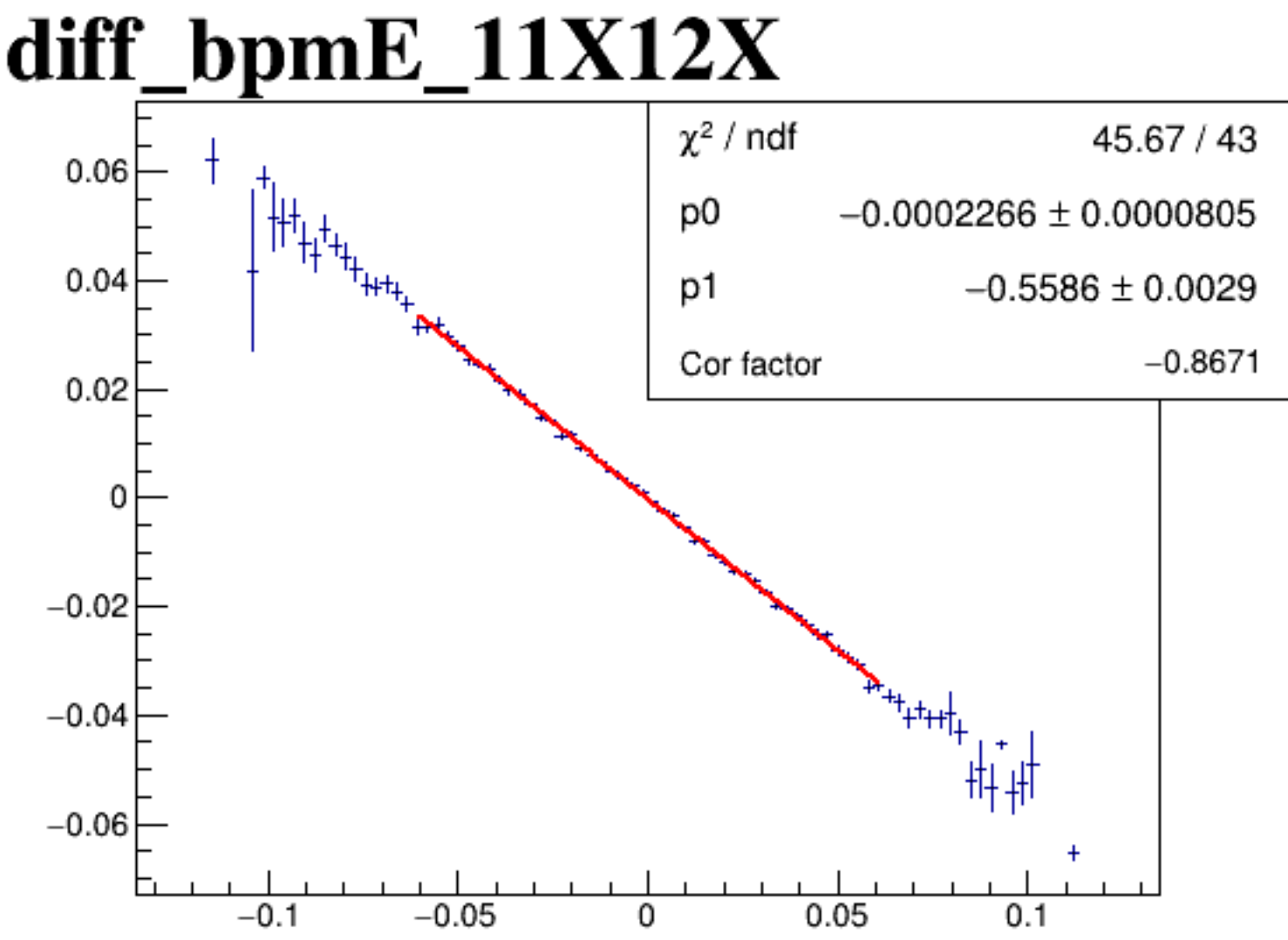
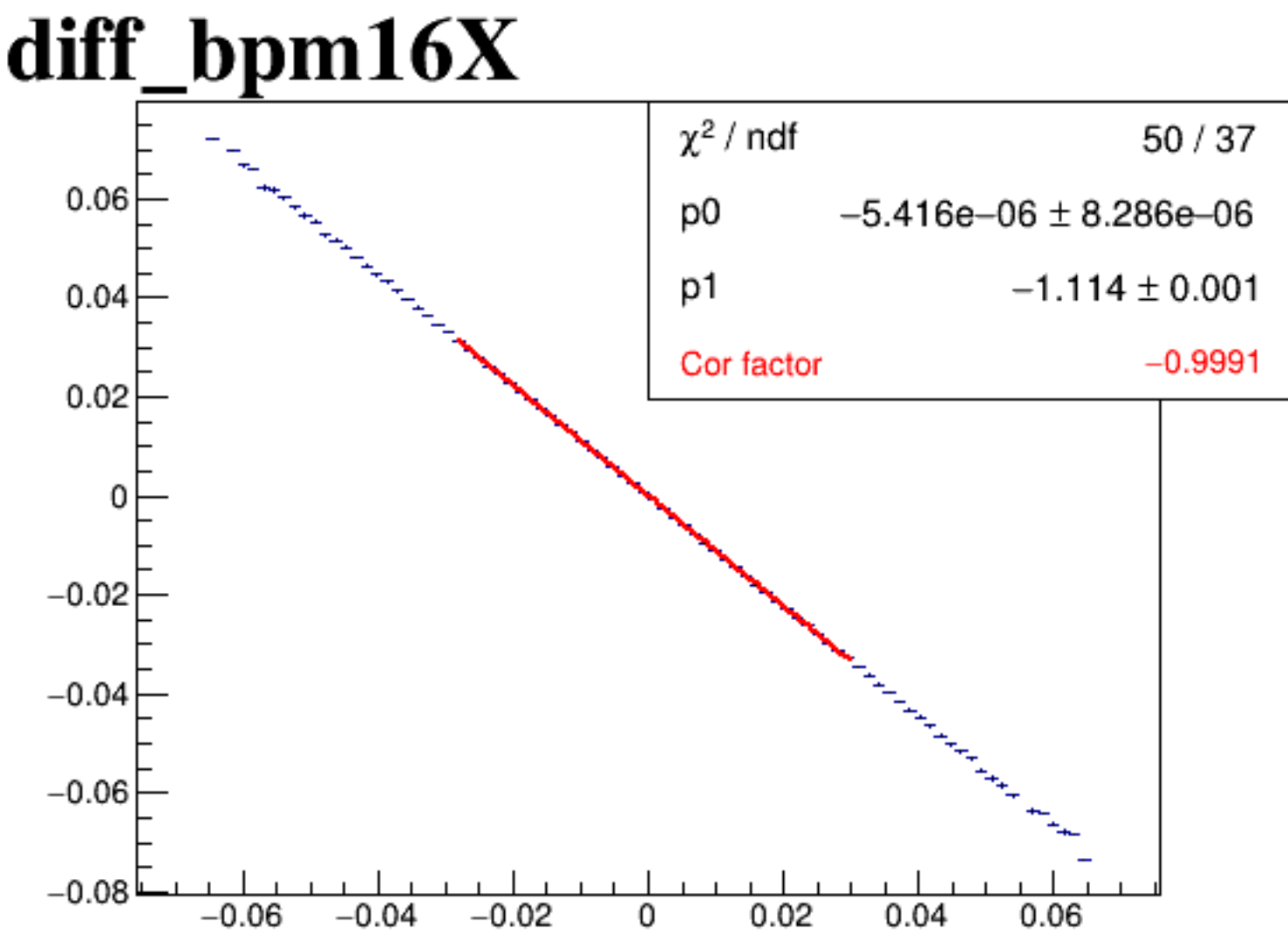
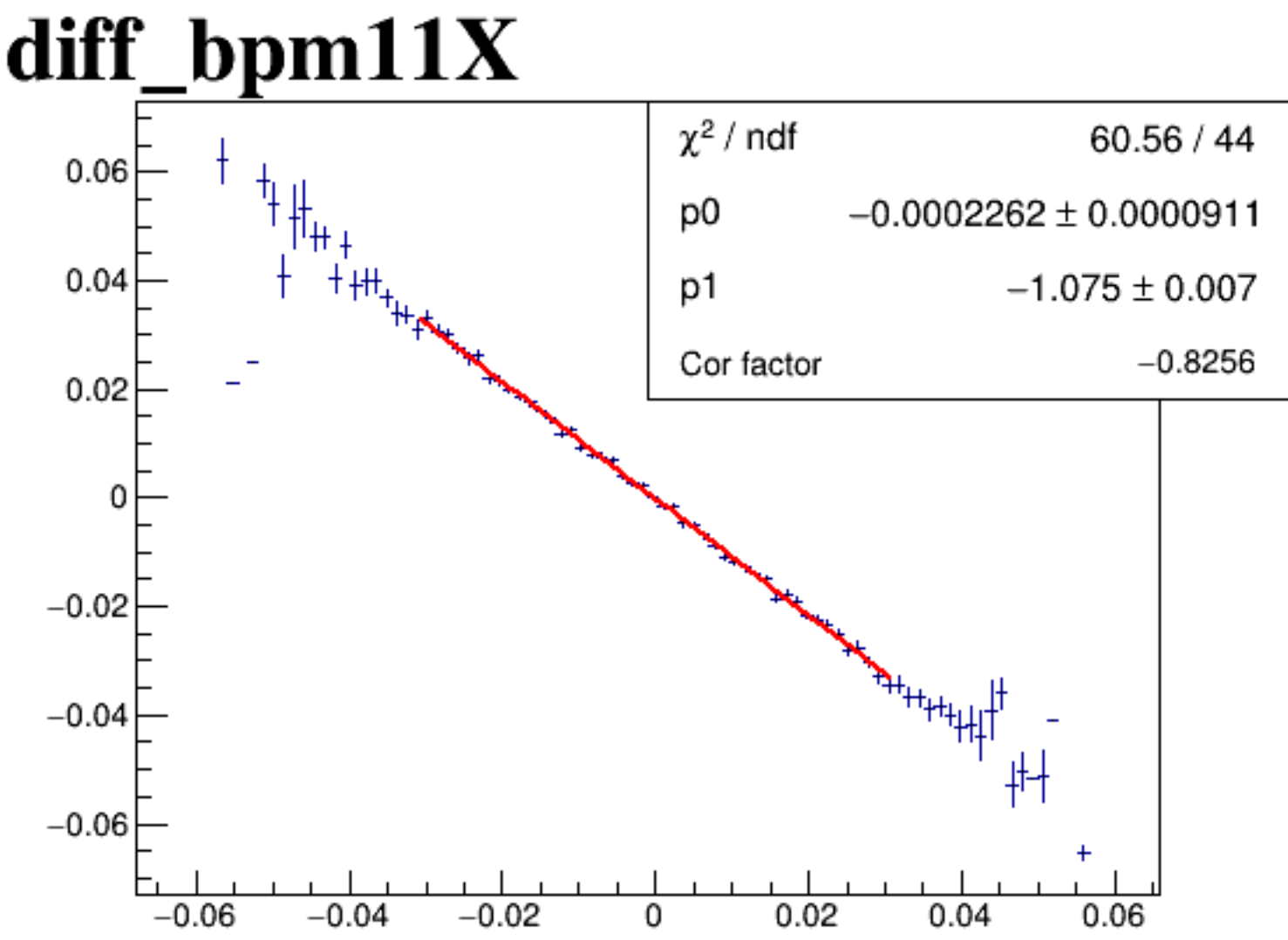
diff_bpm4aX



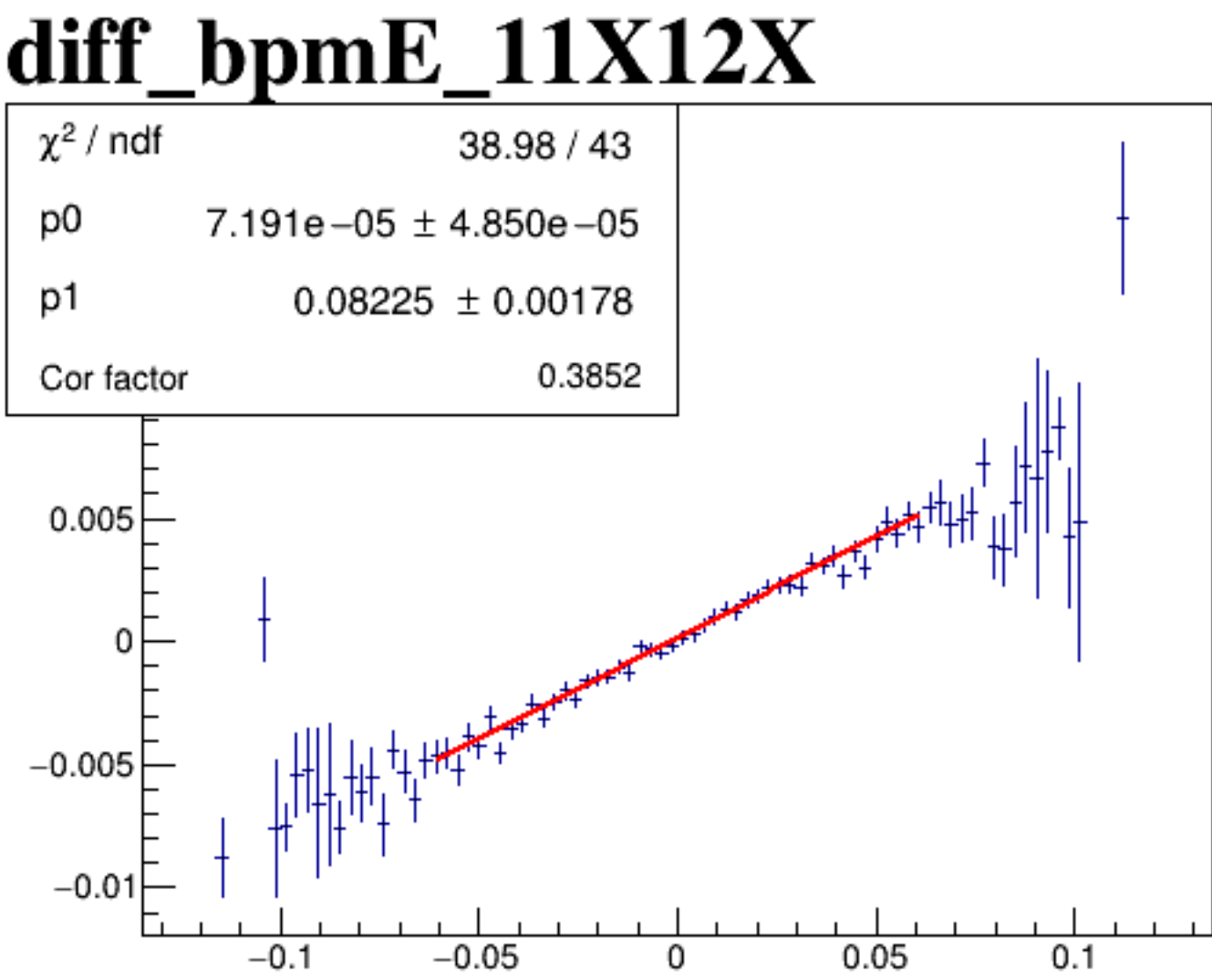
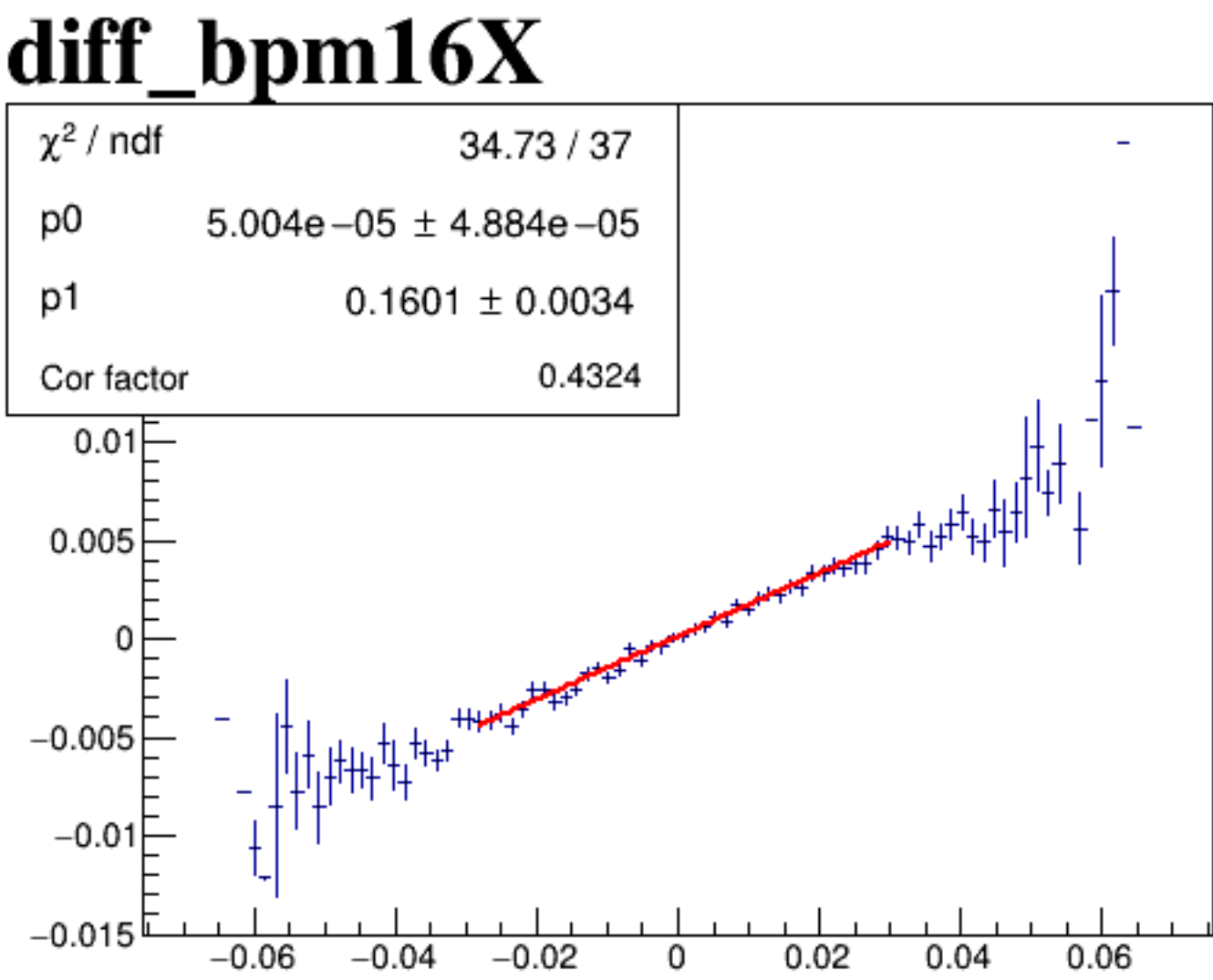
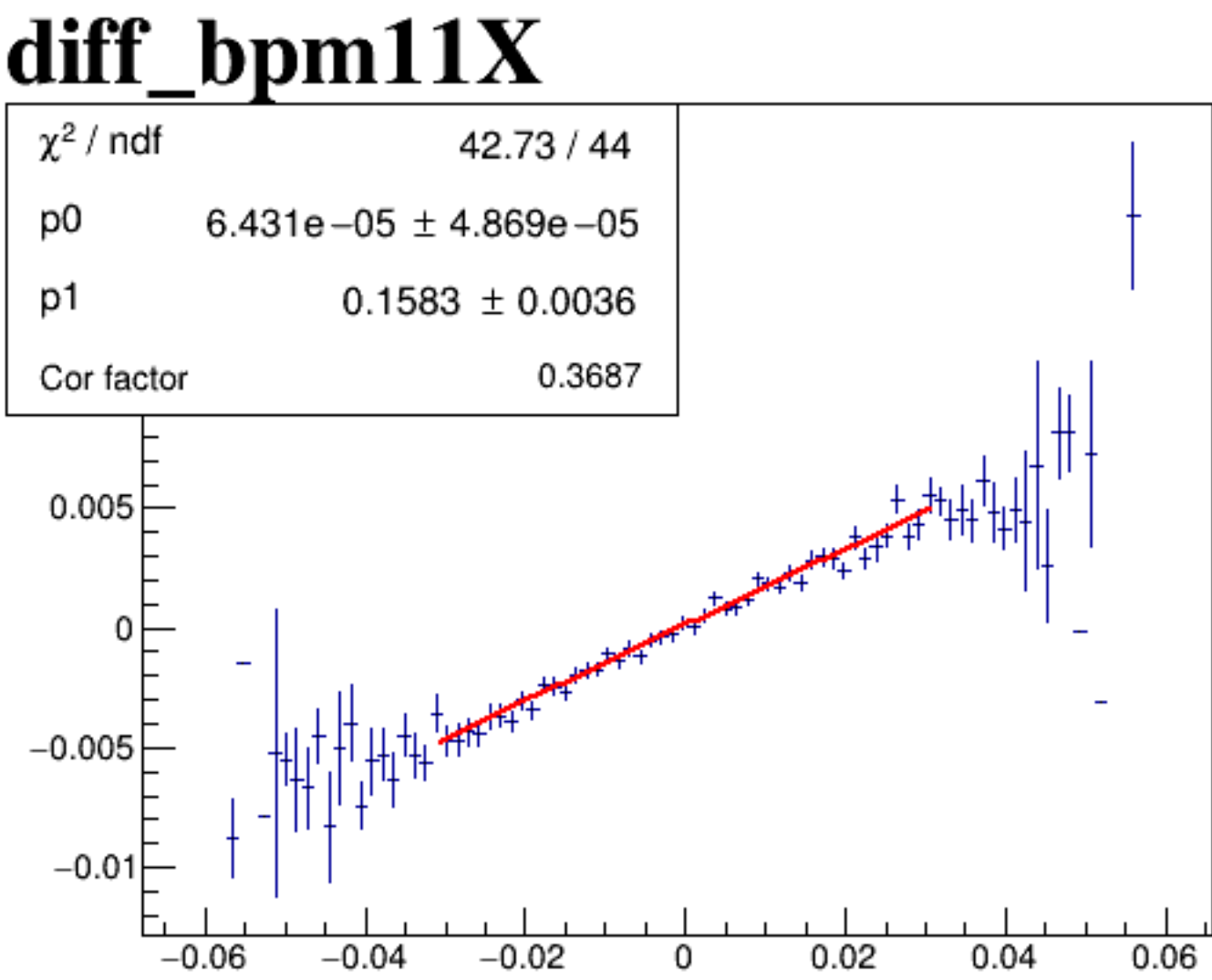
diff_bpm4aY



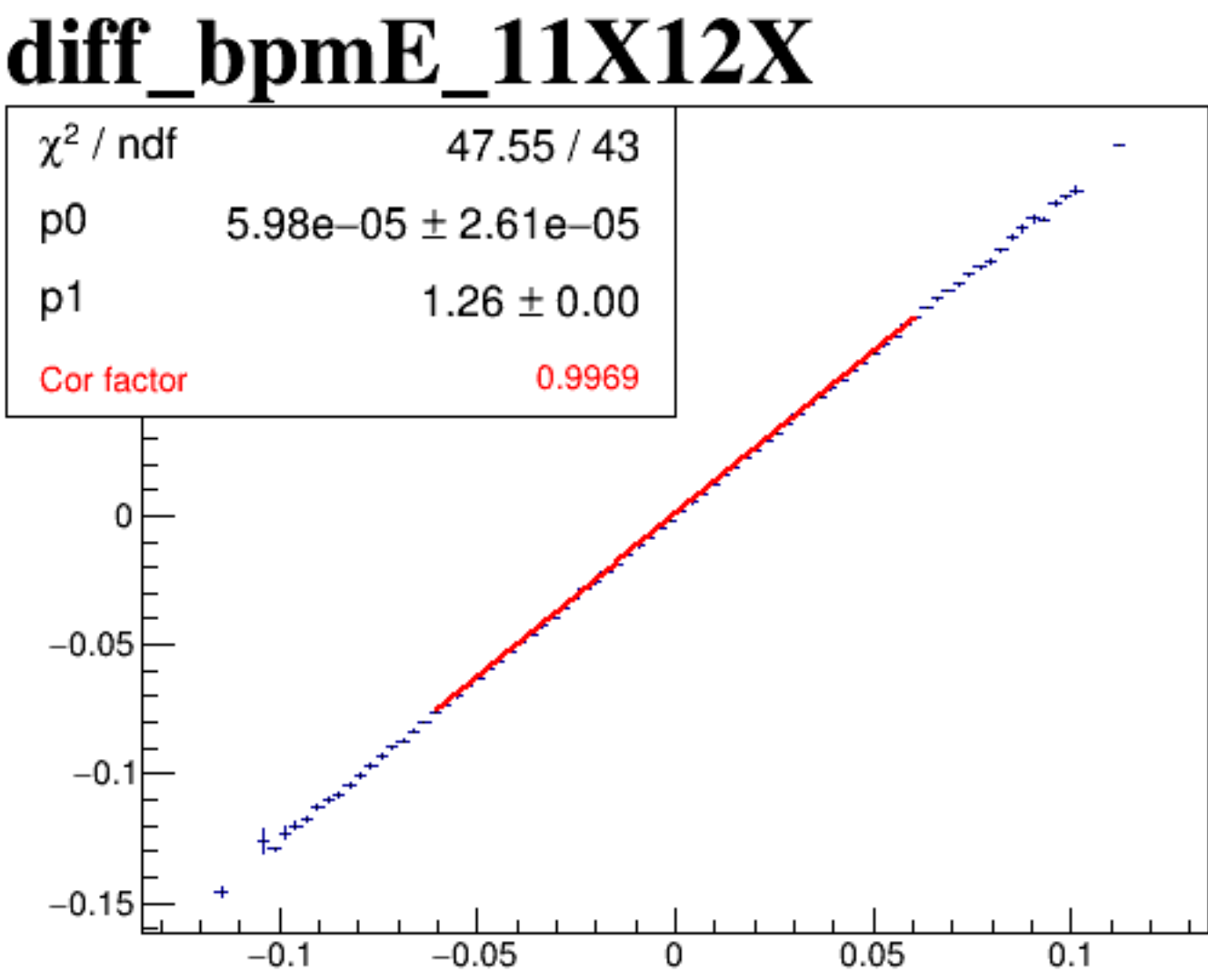
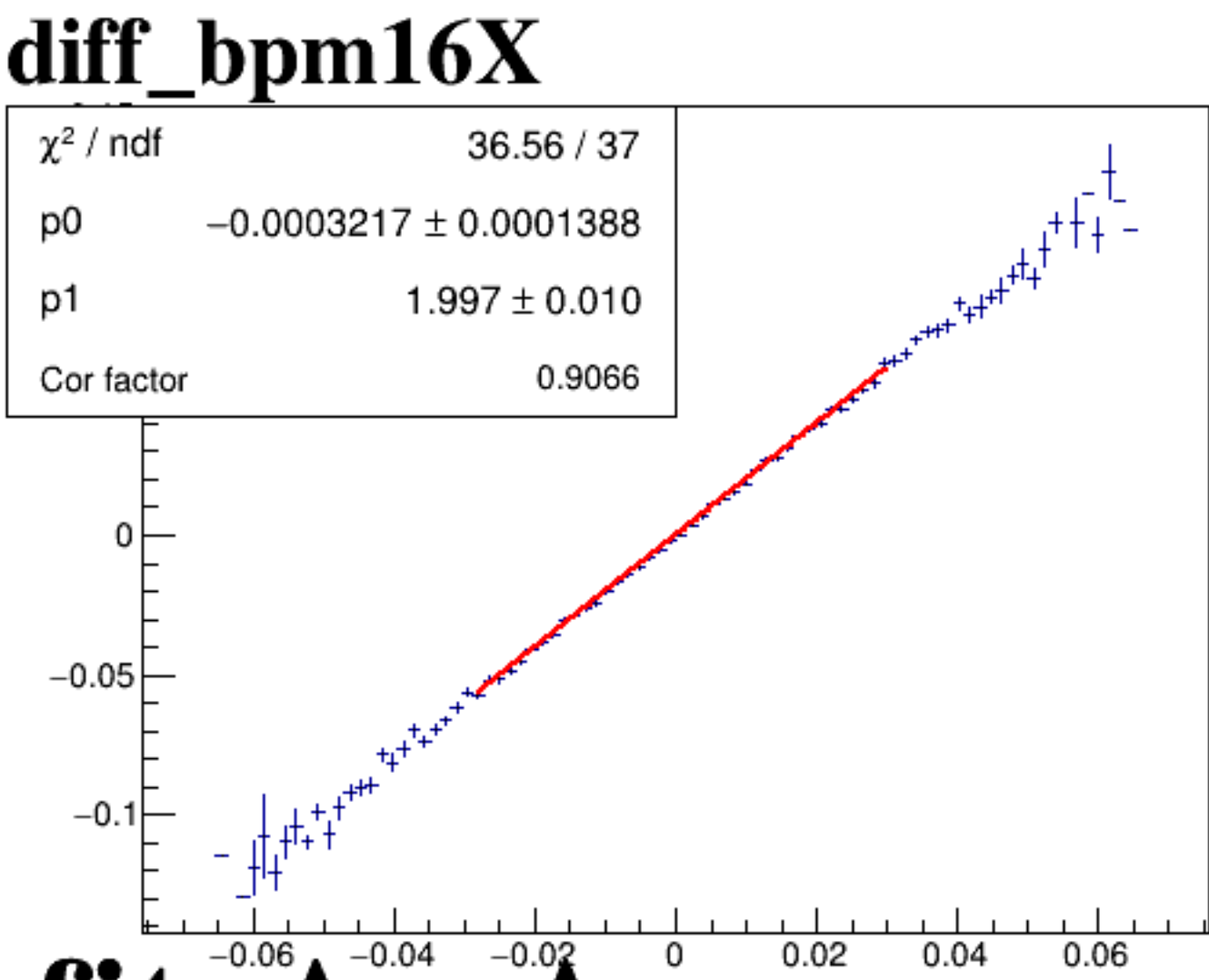
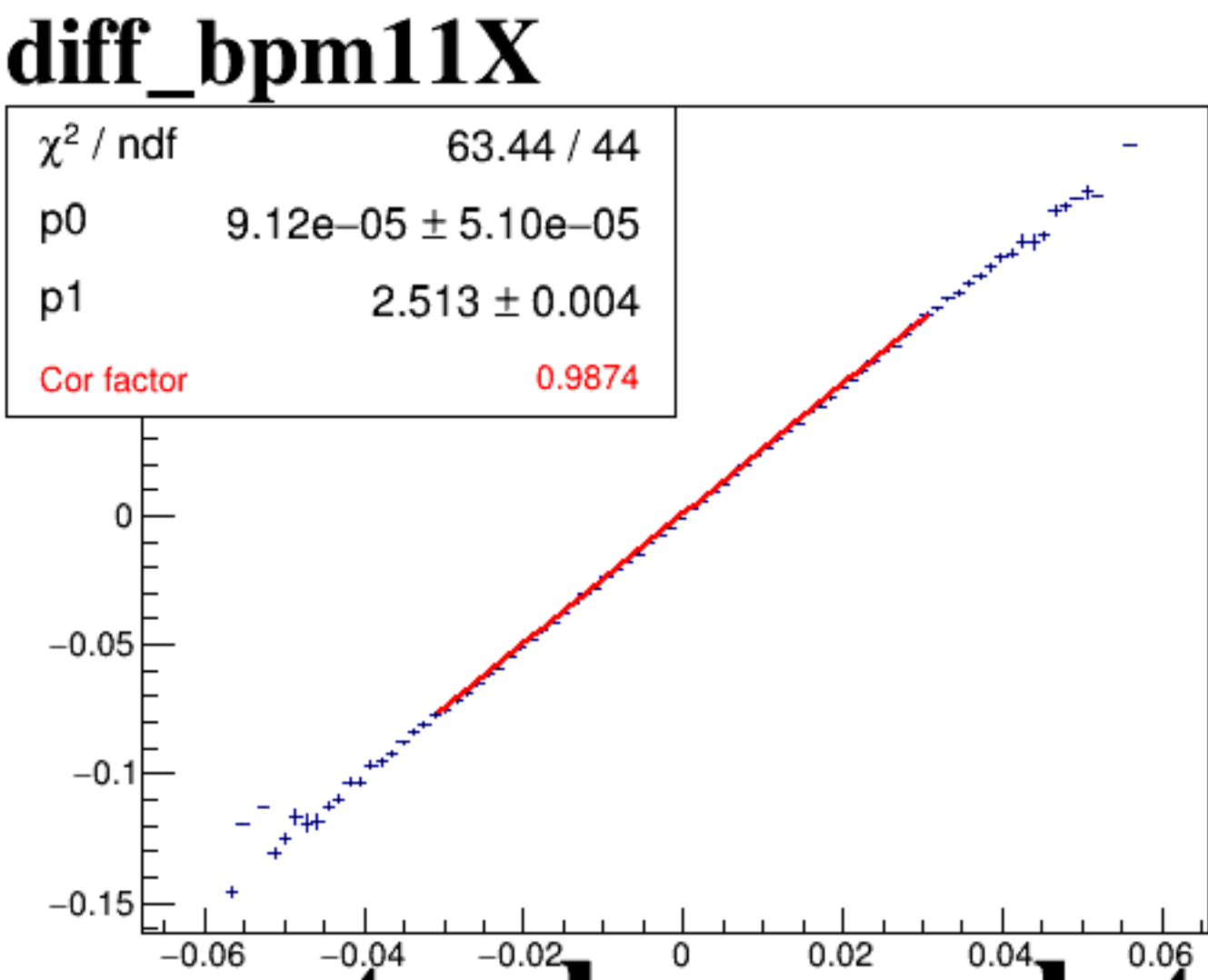
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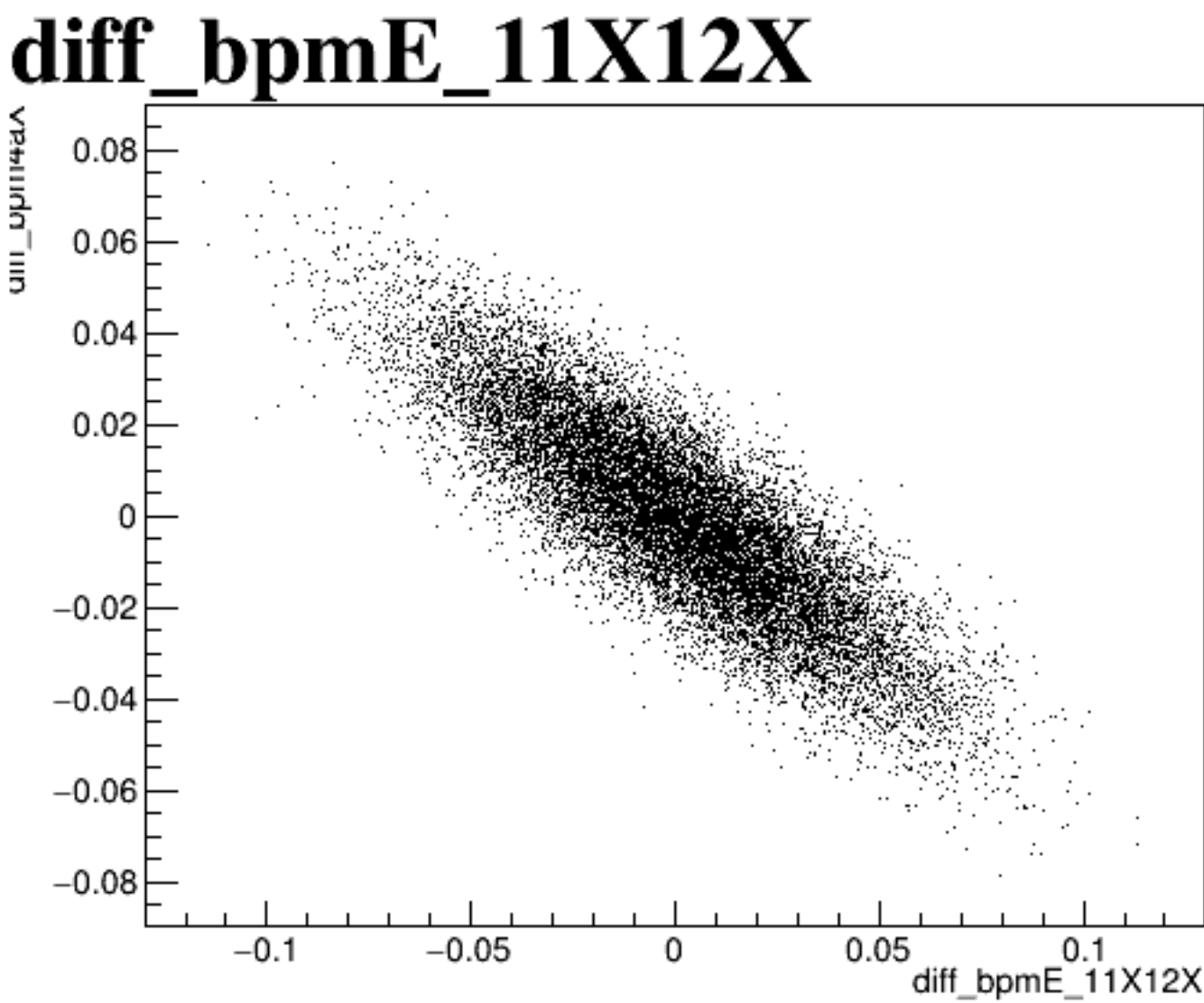
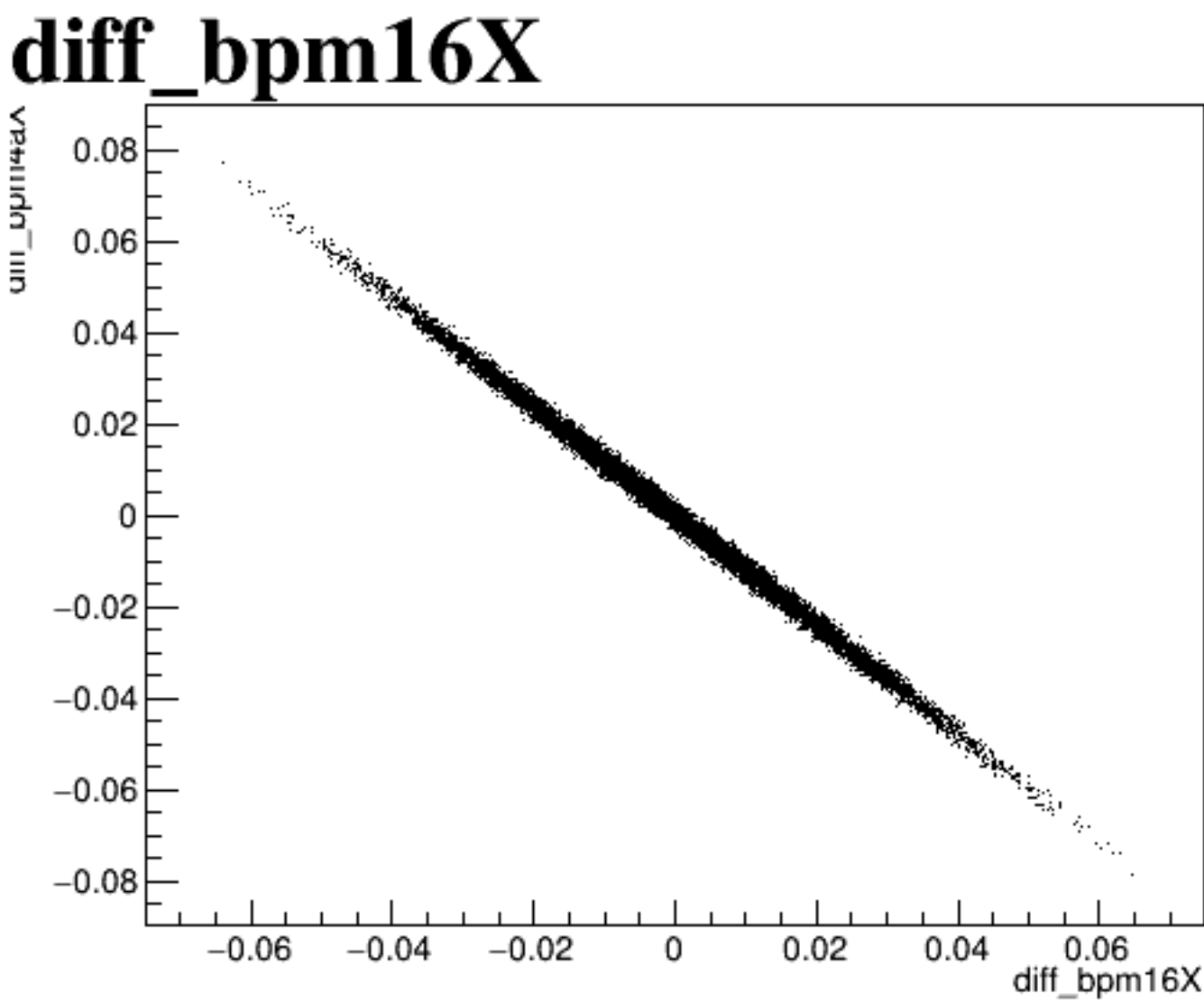
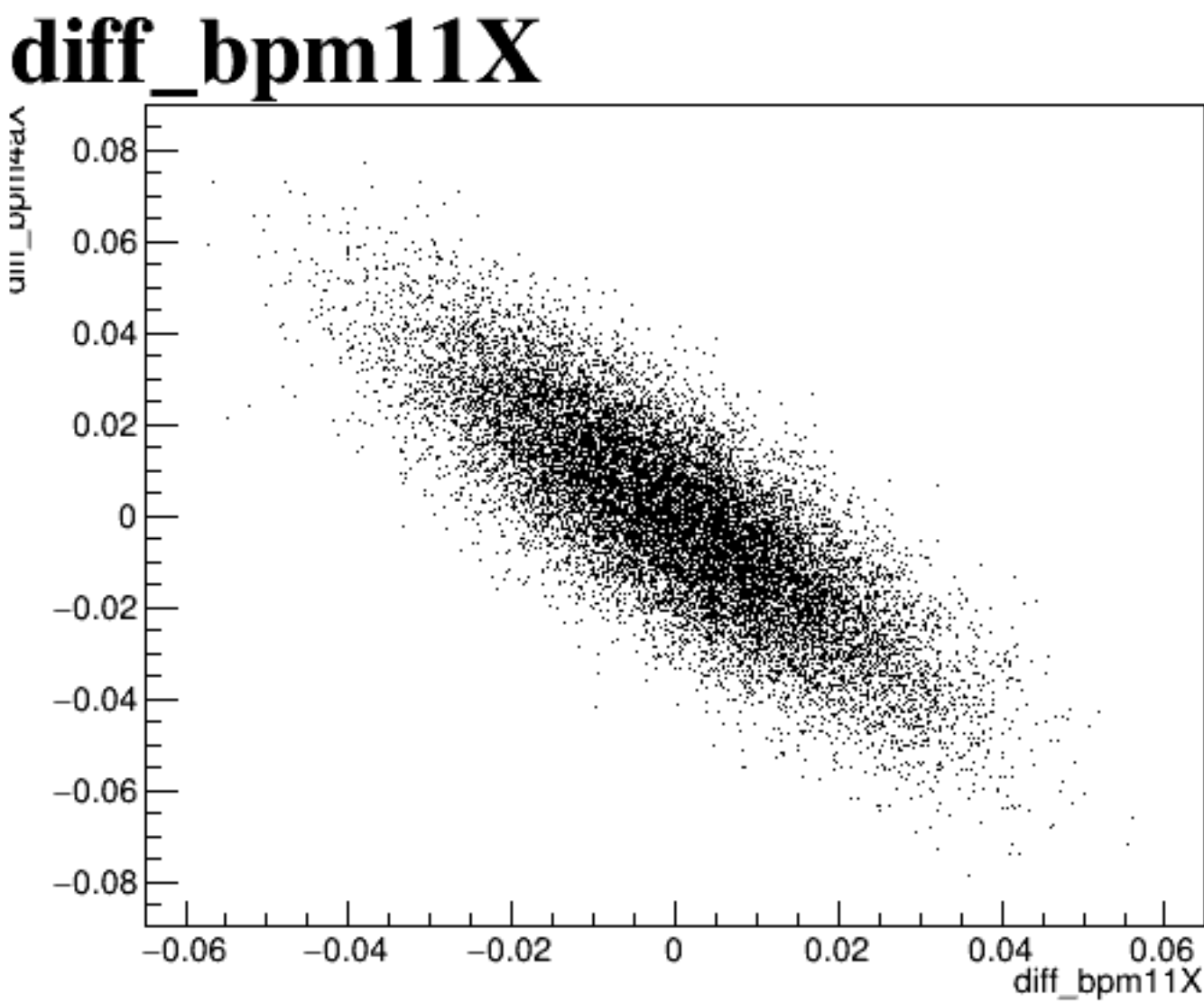
diff_bpm4eY



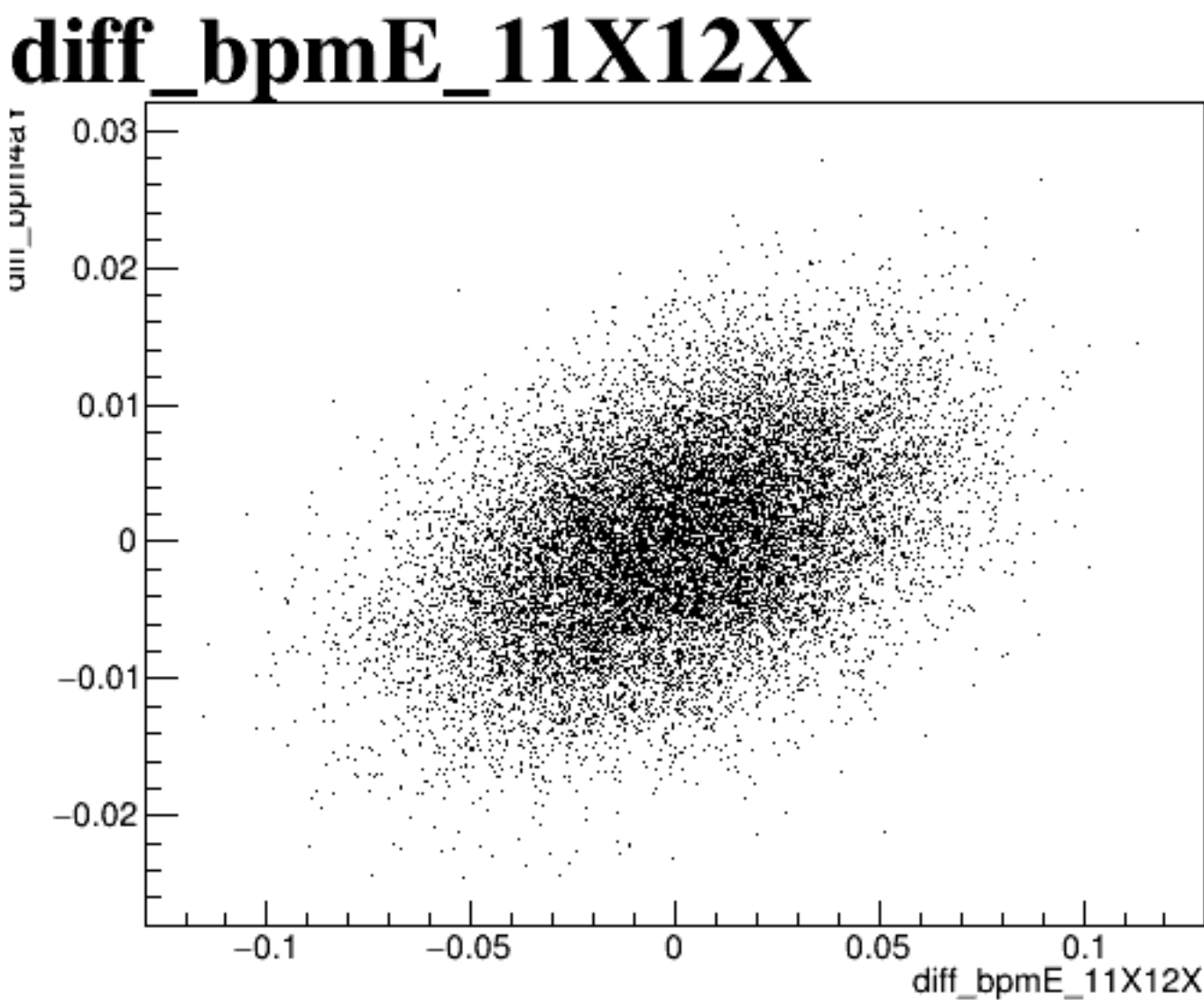
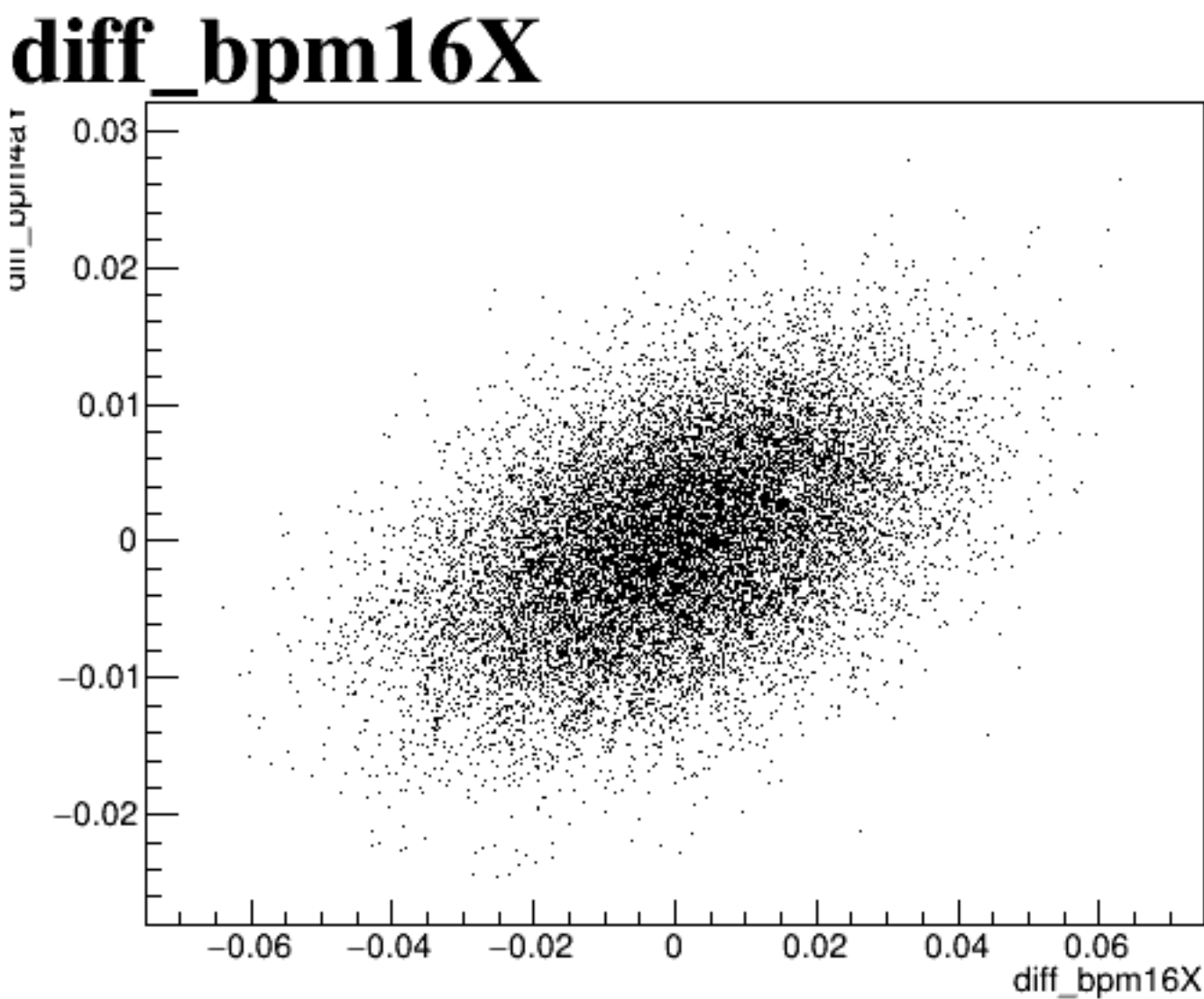
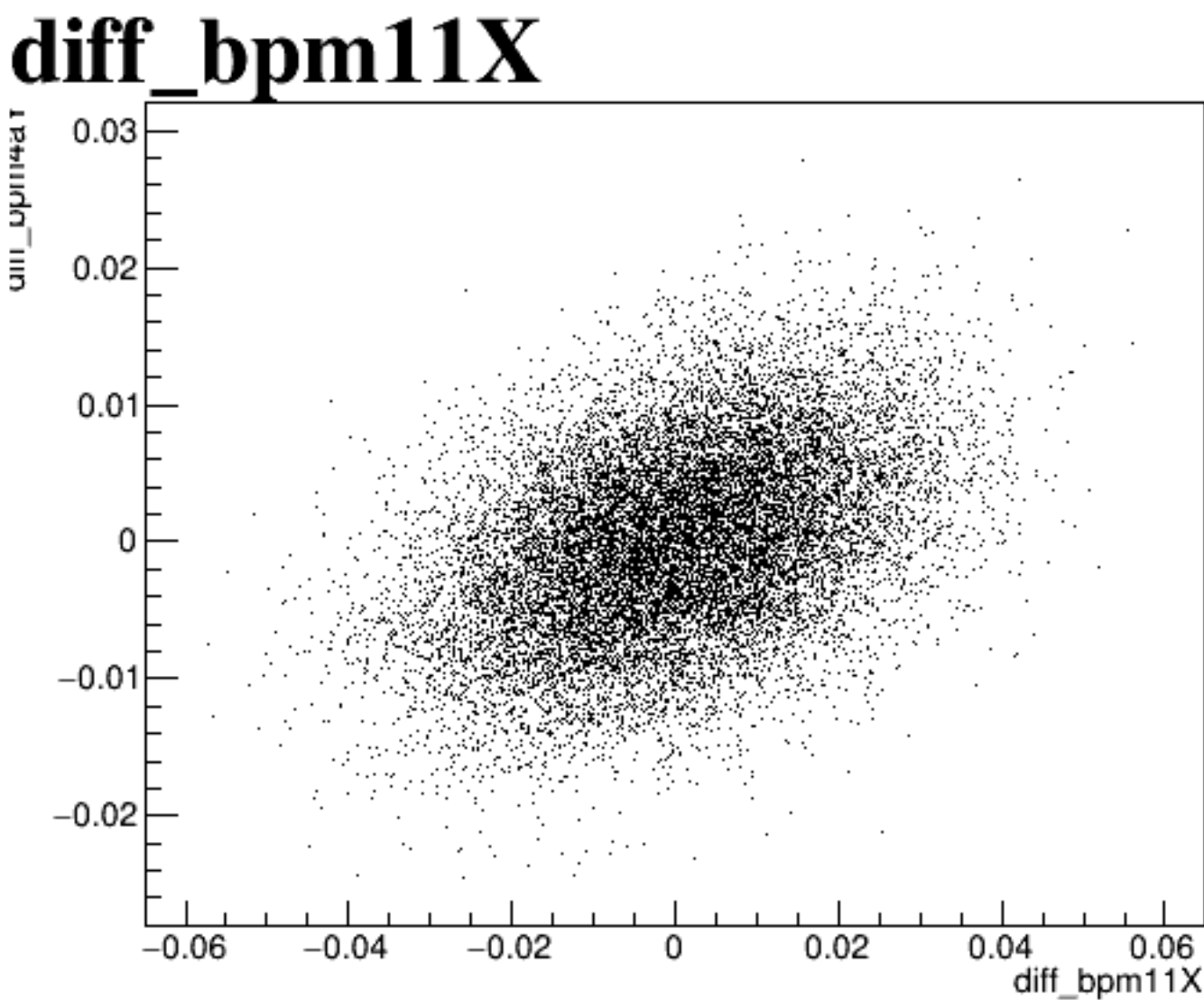
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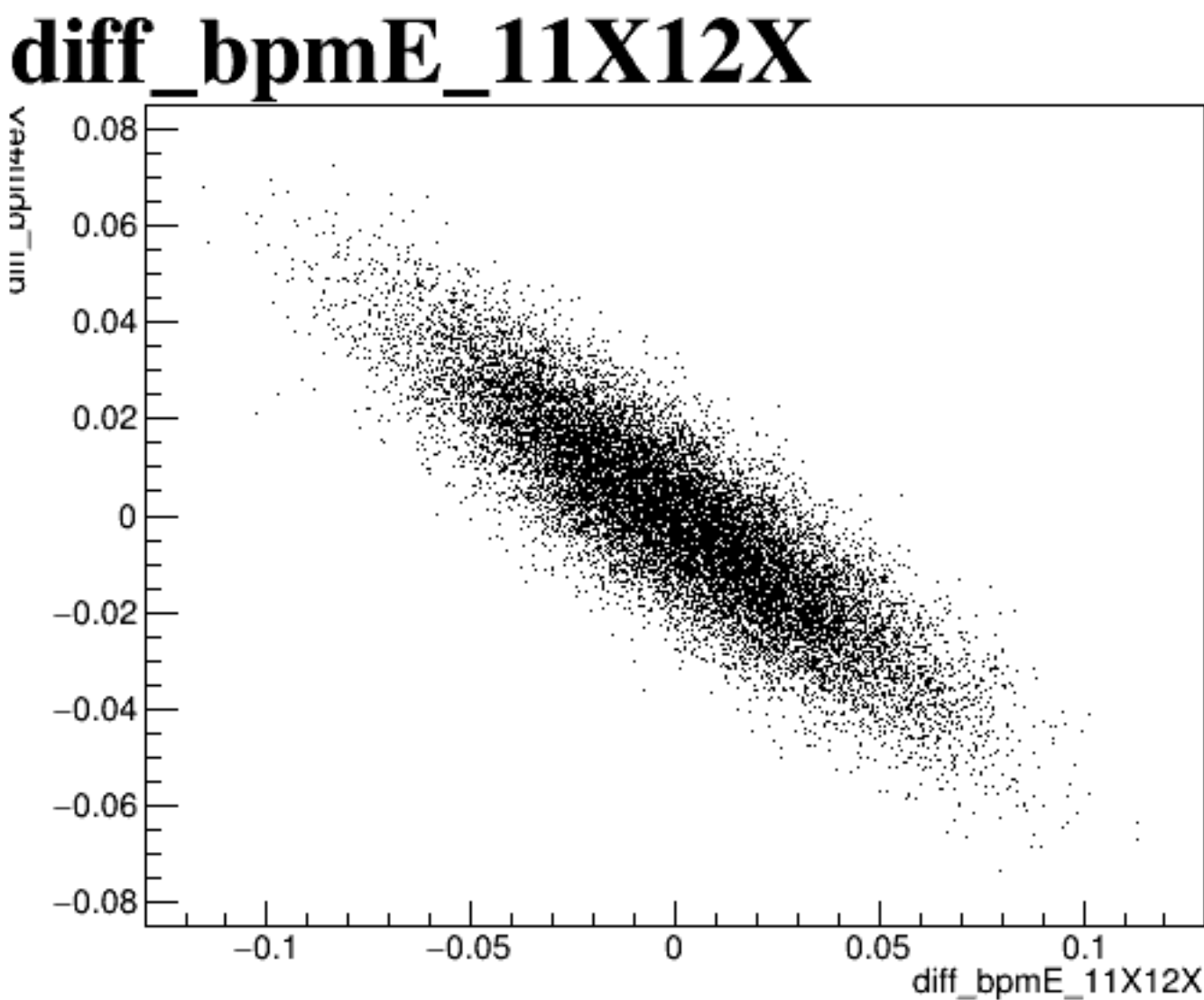
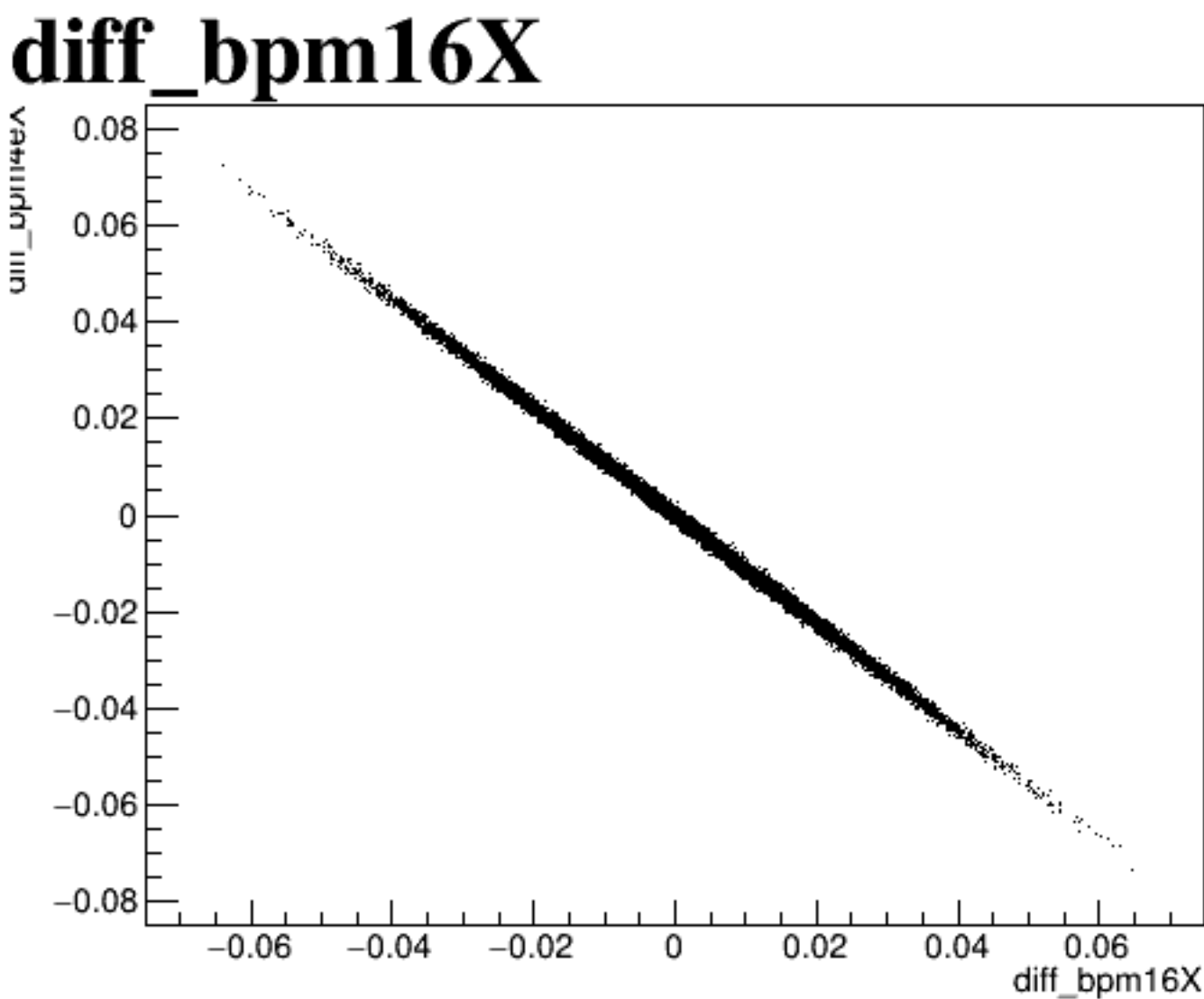
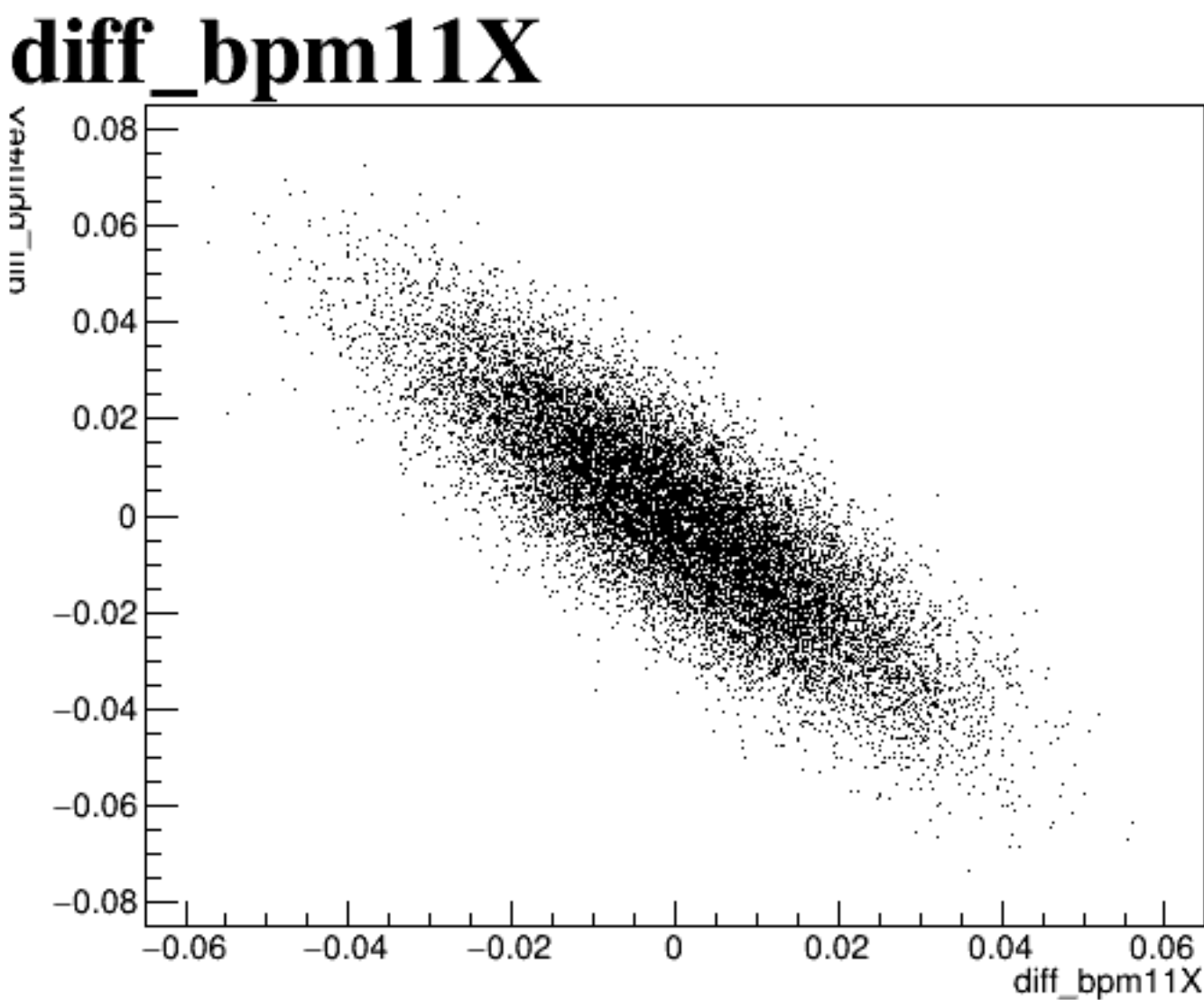
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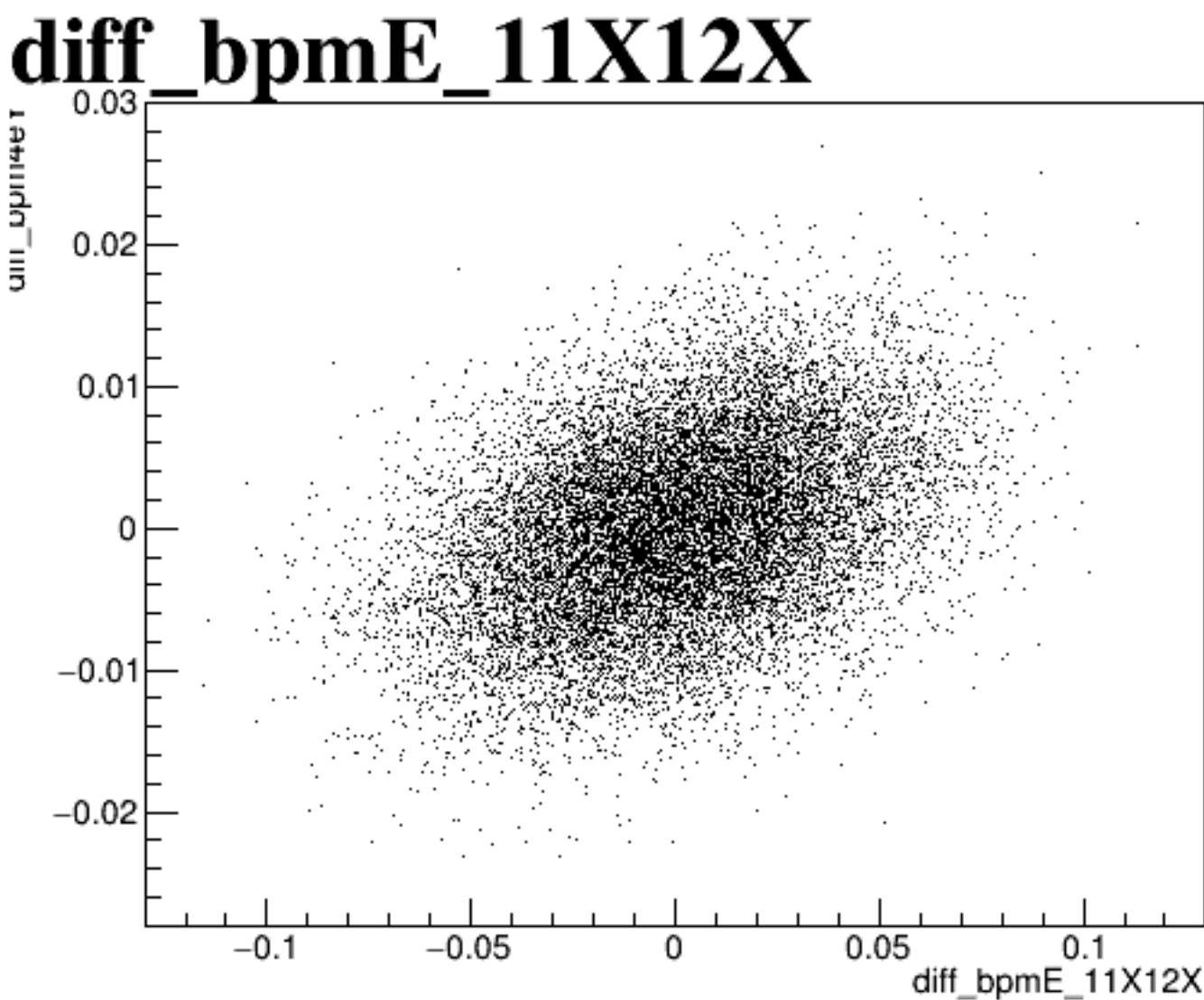
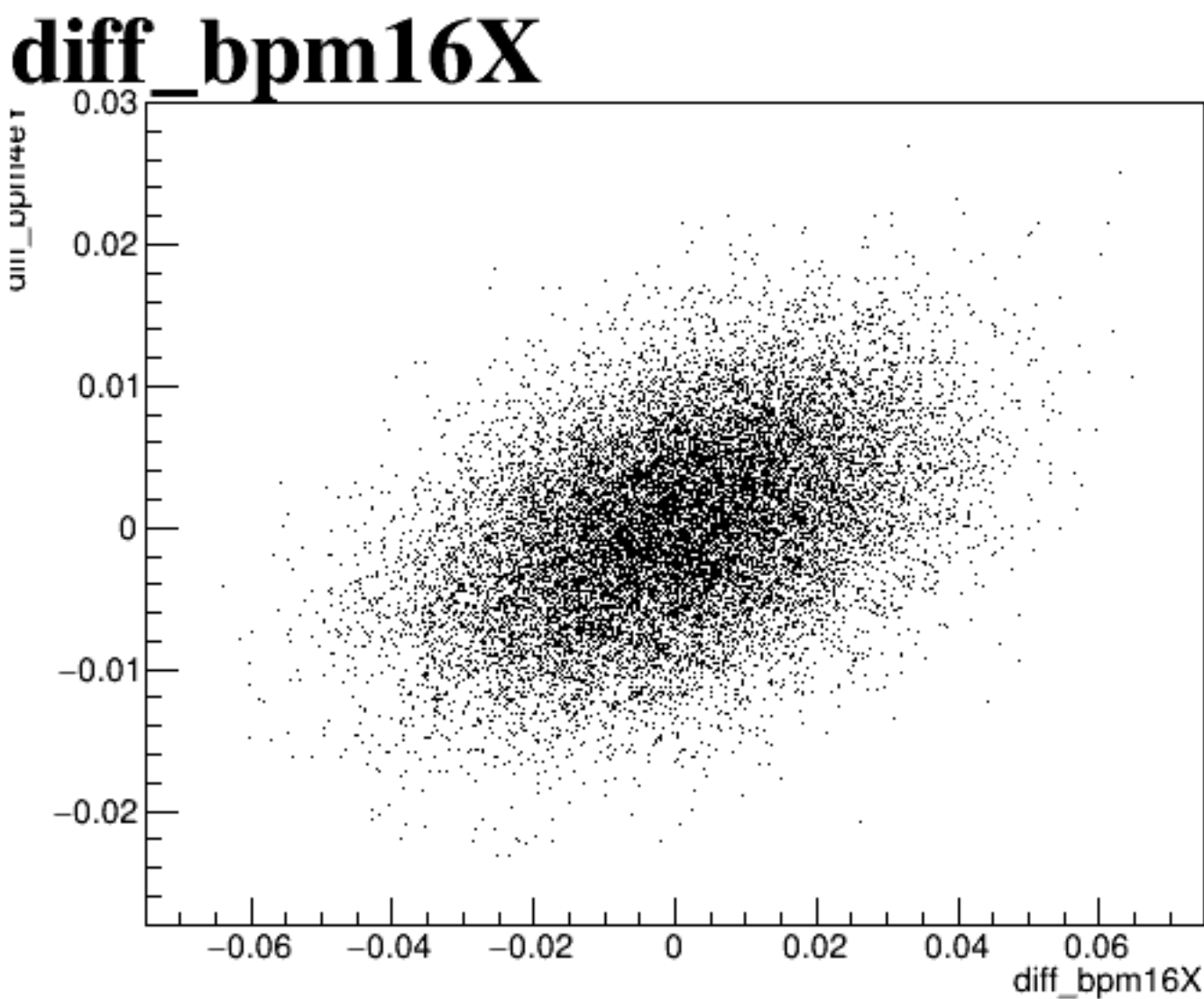
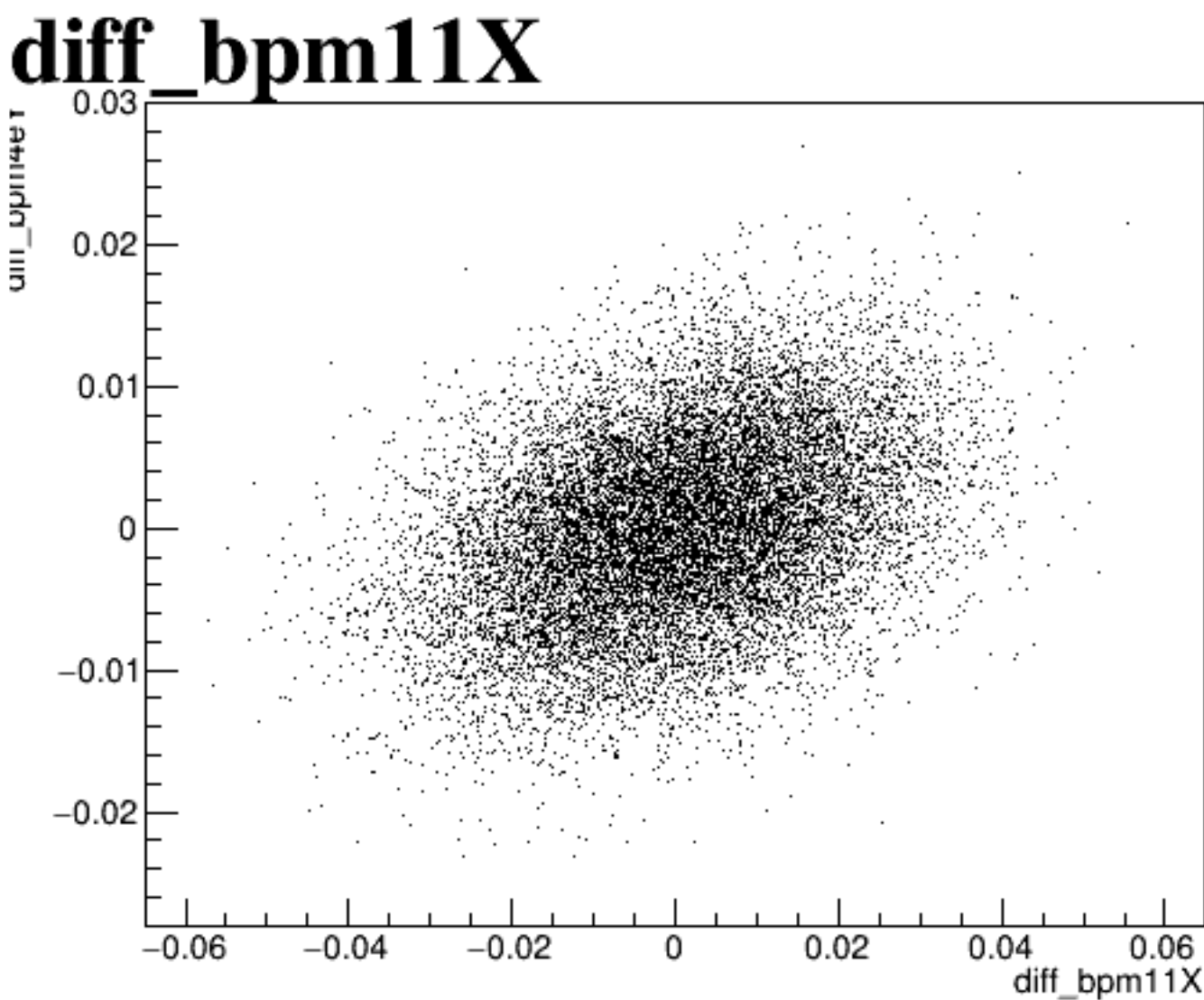
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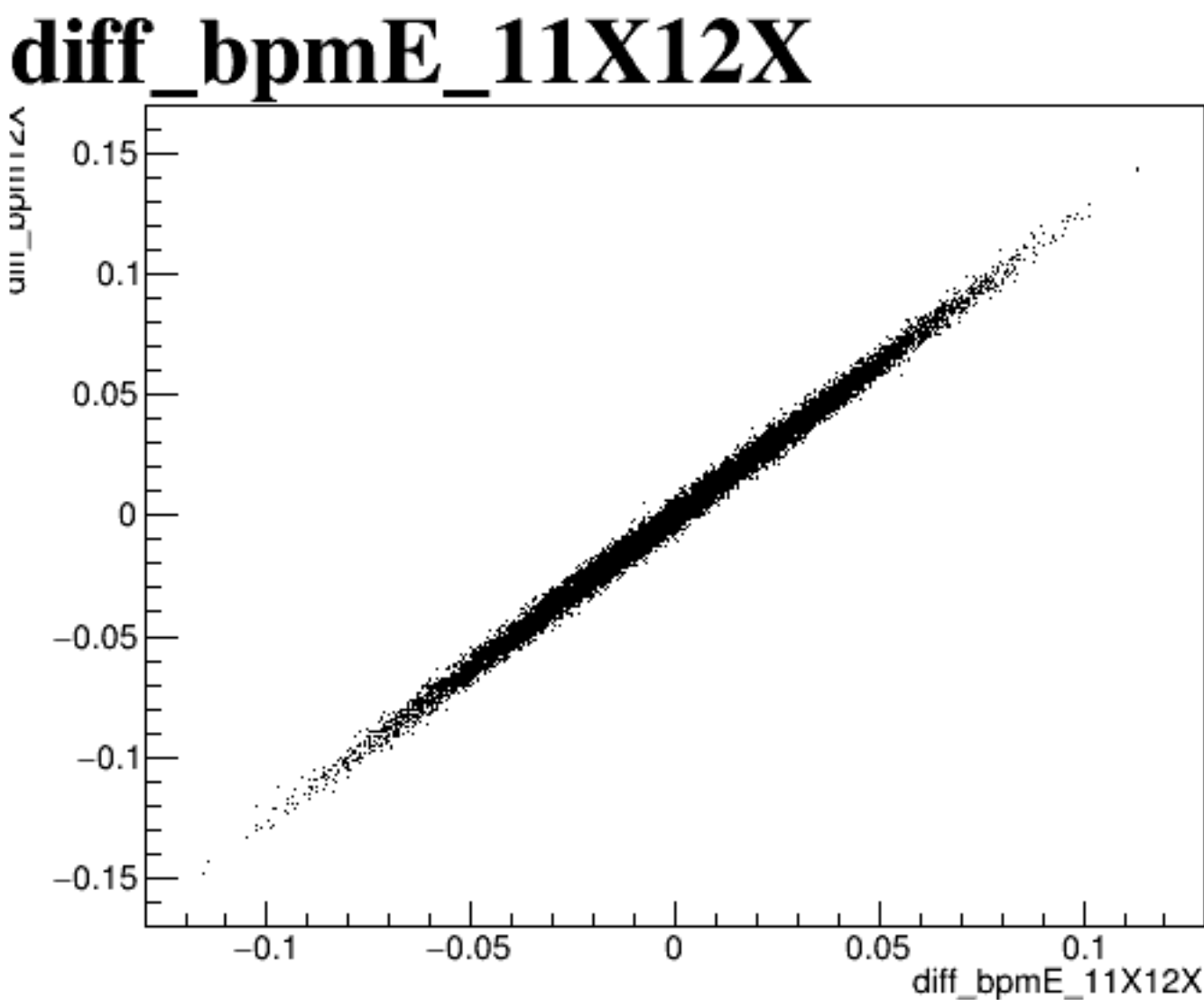
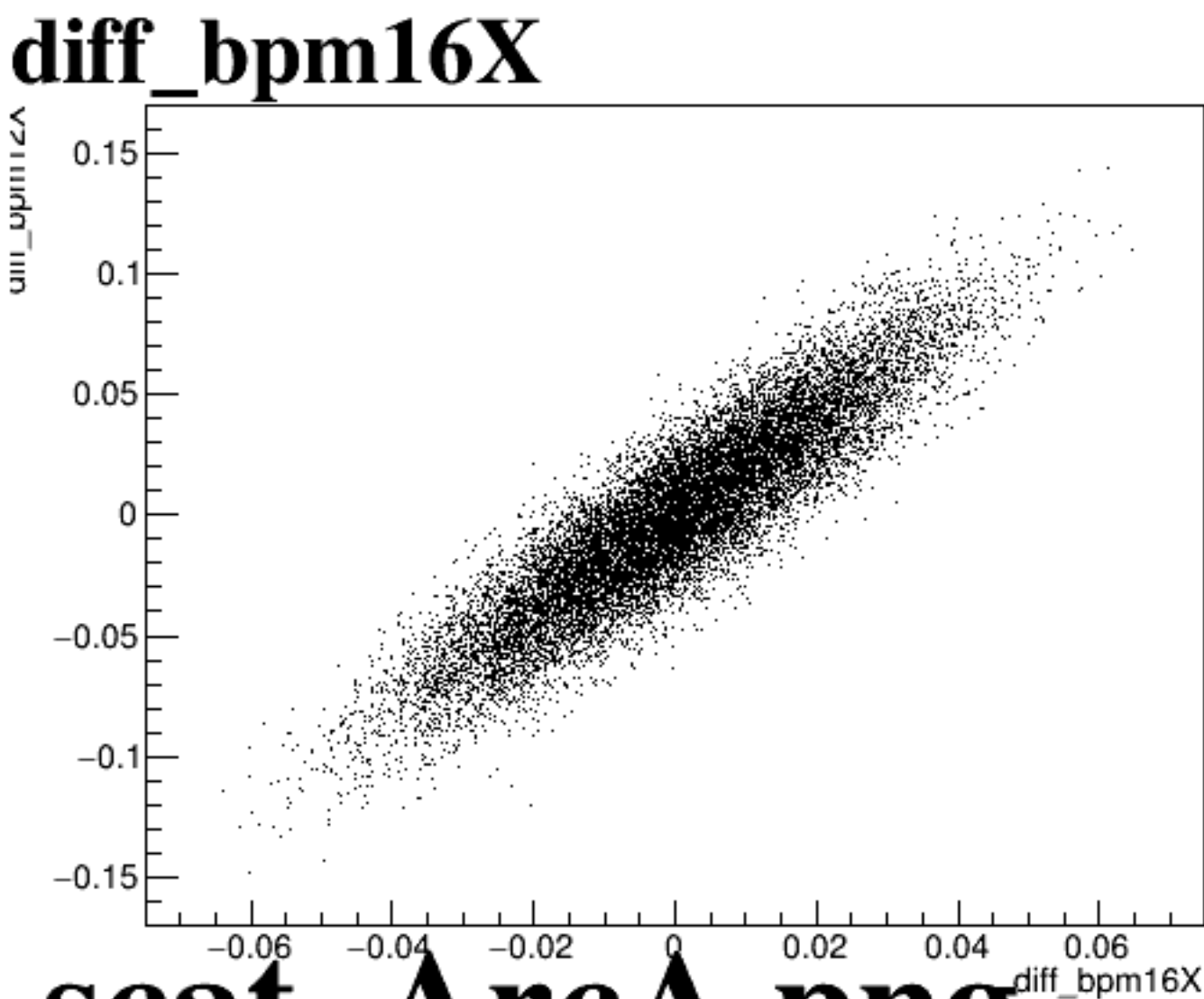
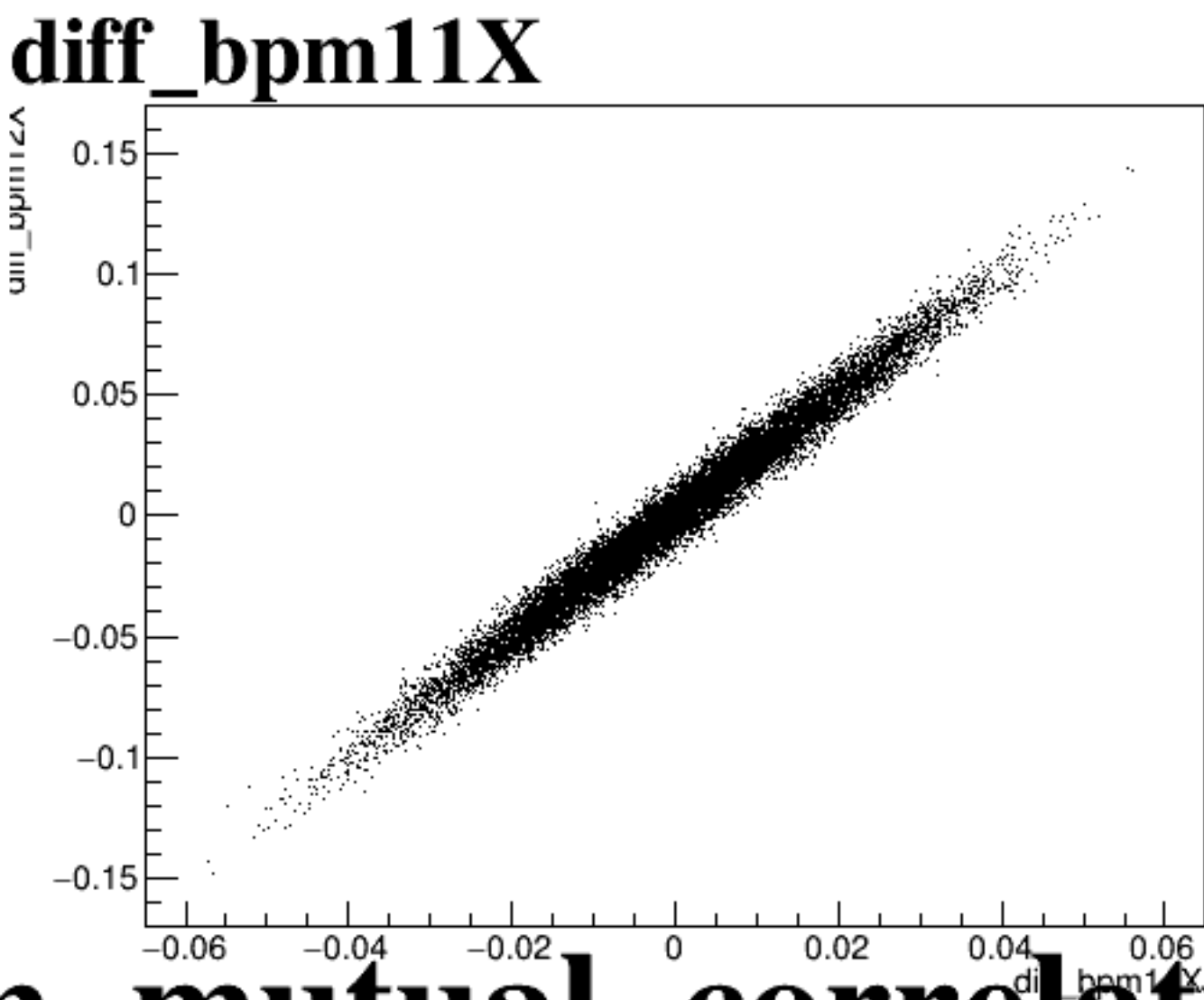
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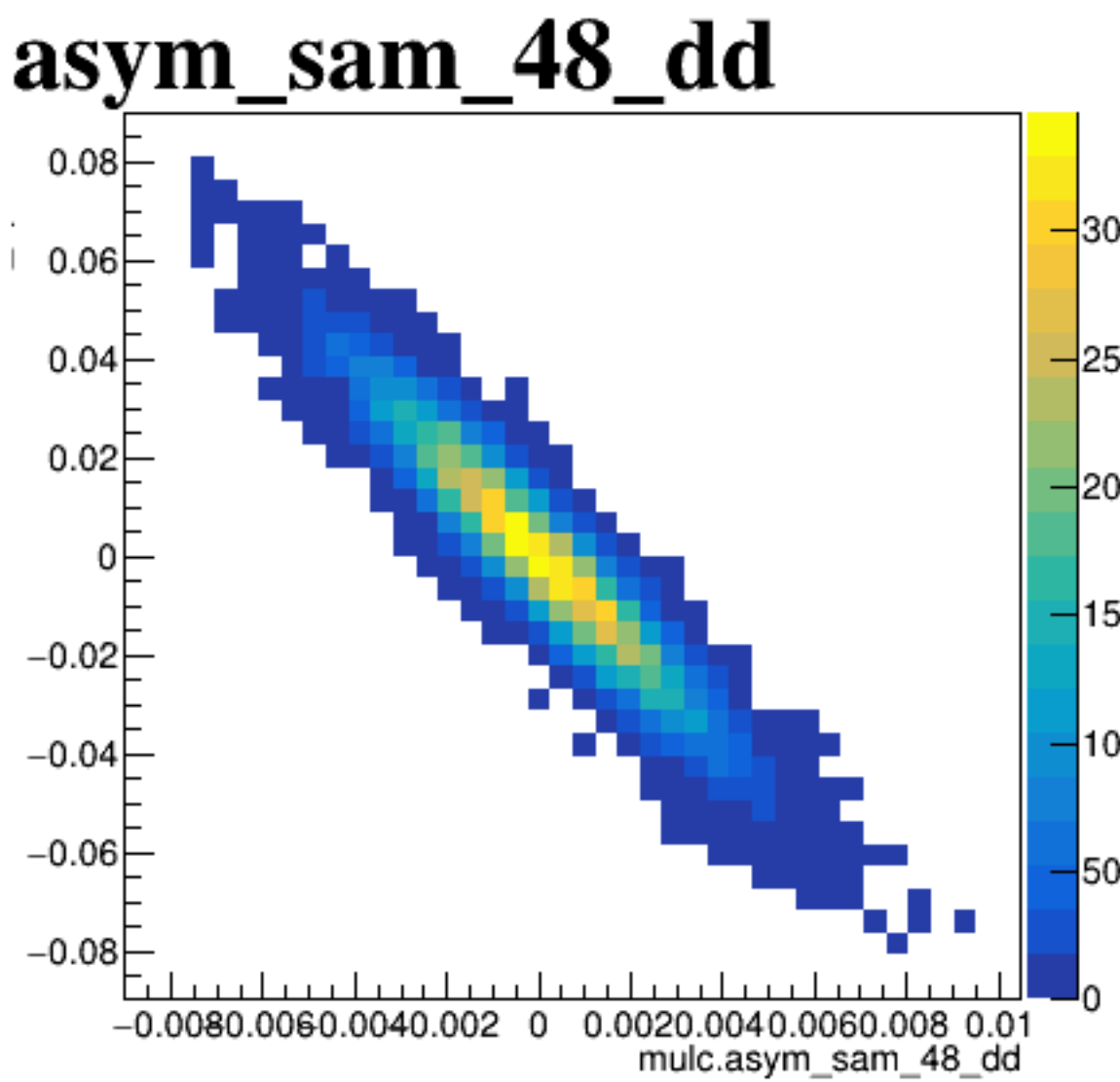
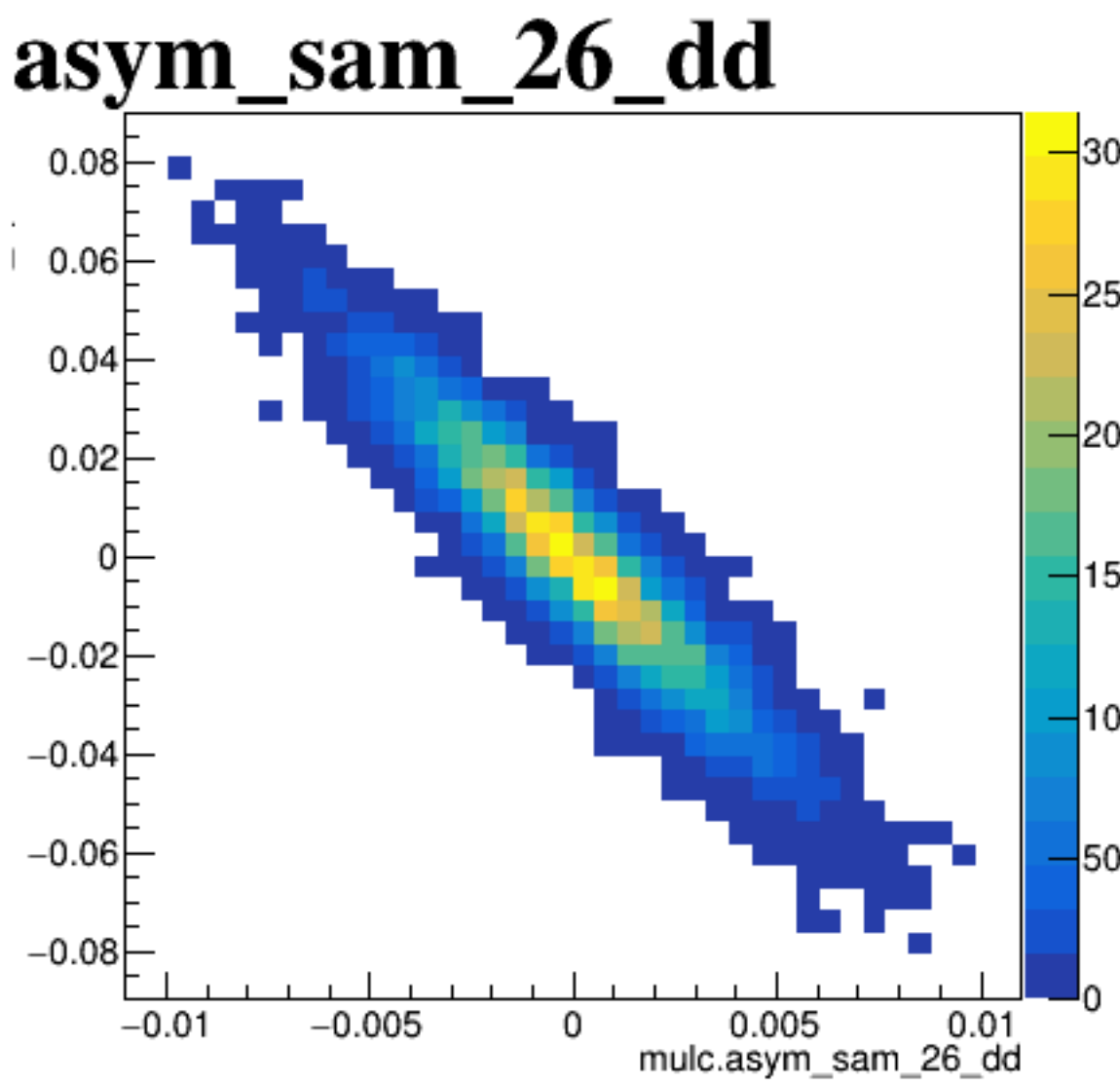
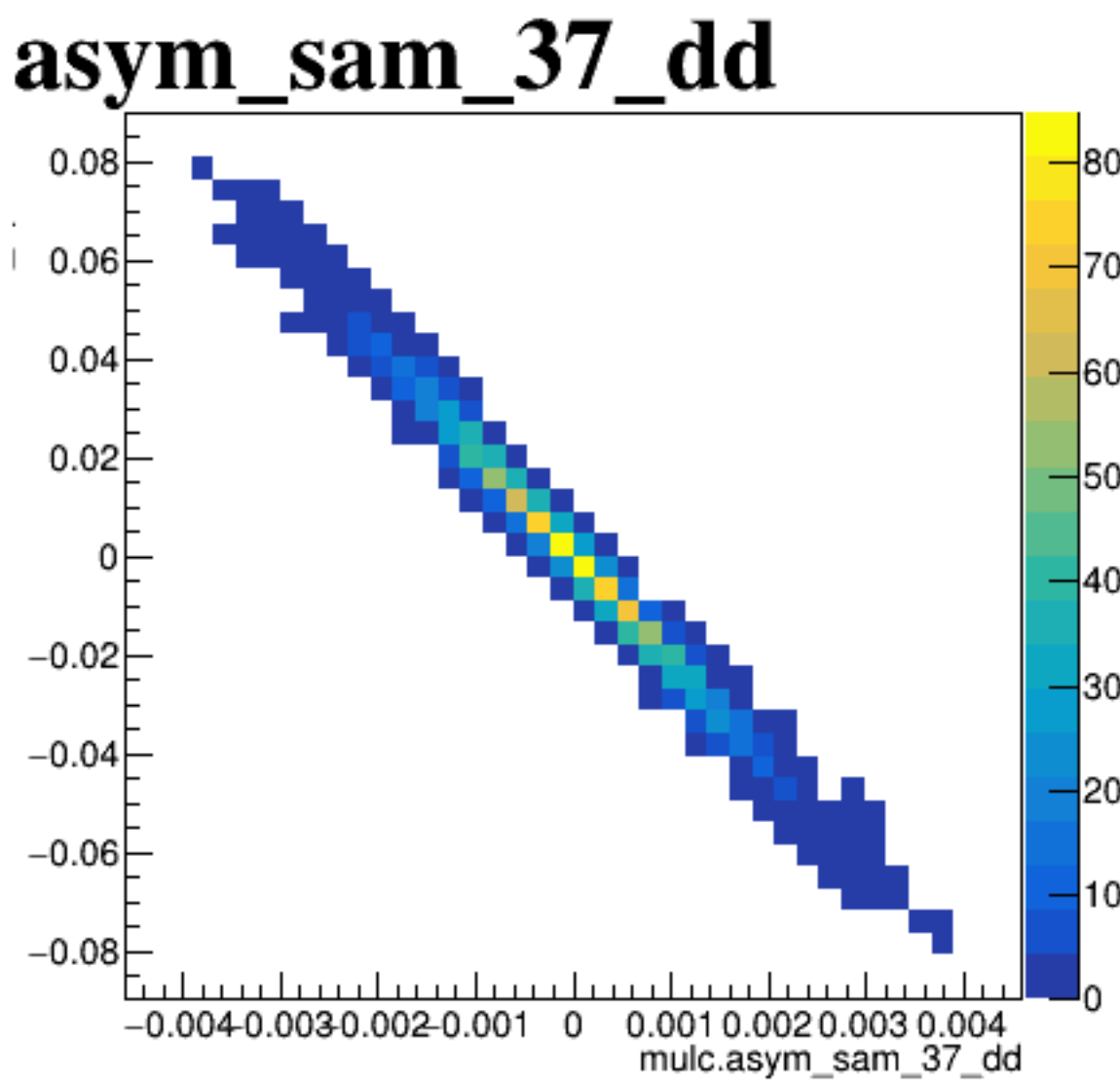
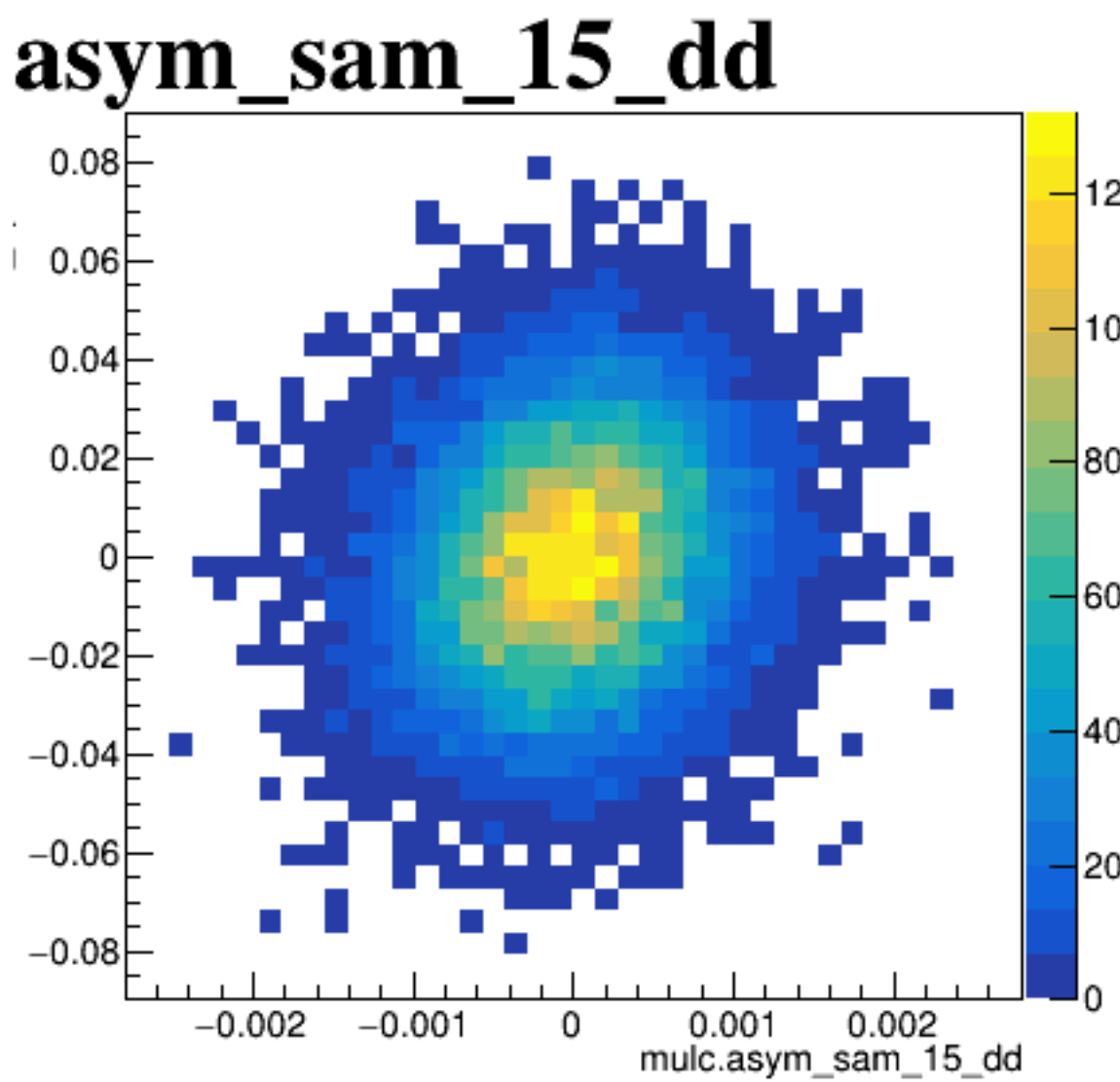
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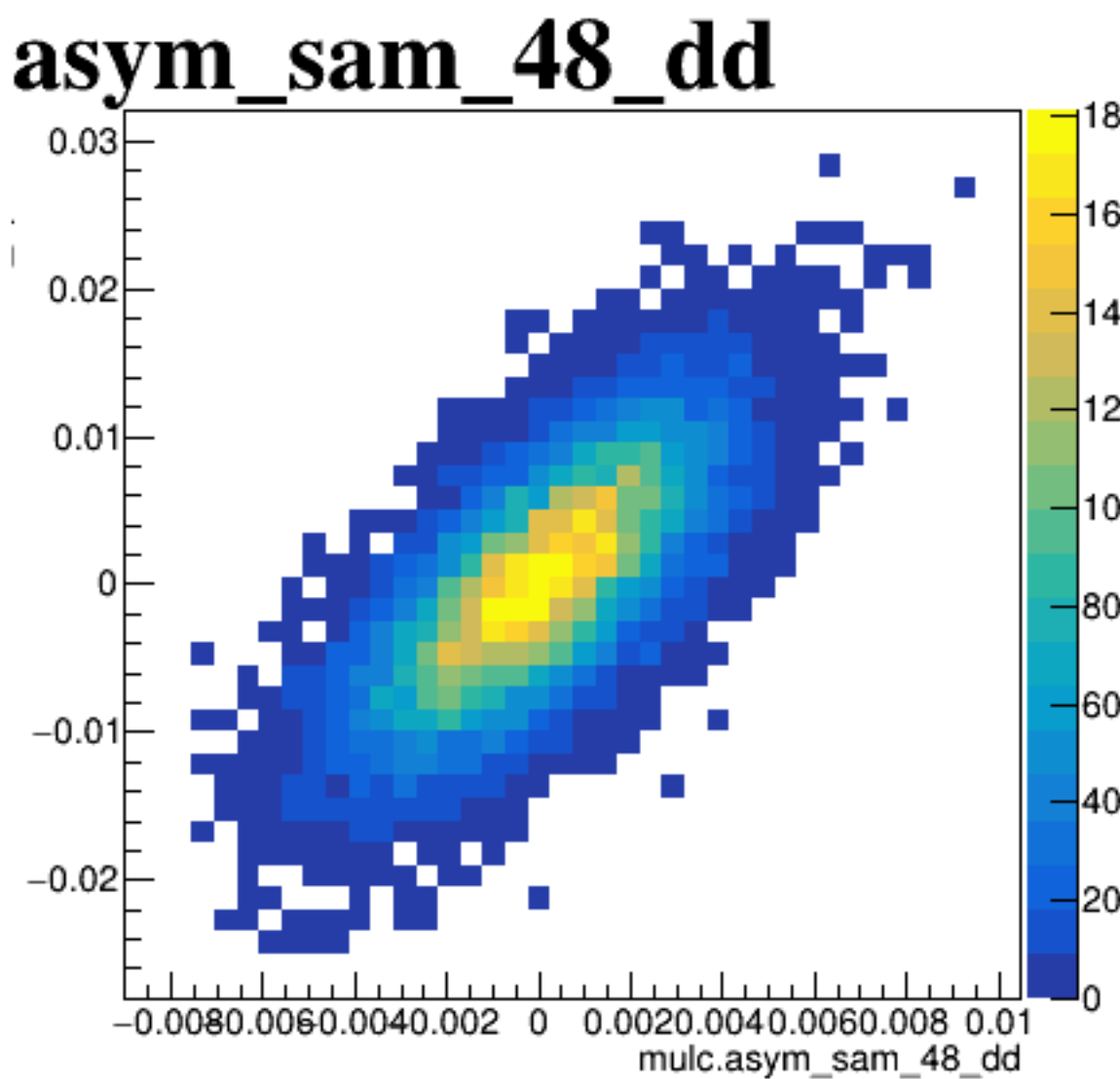
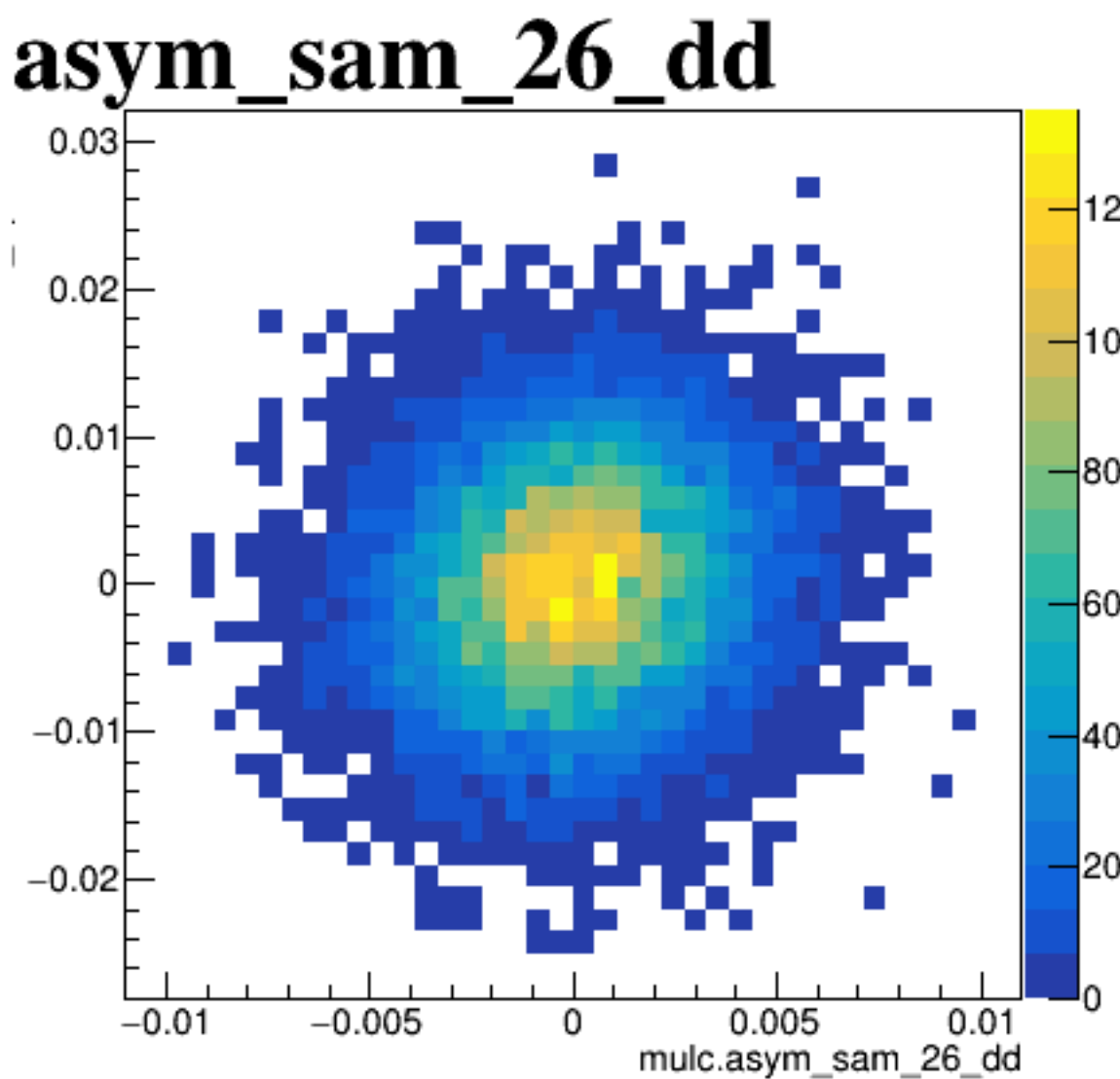
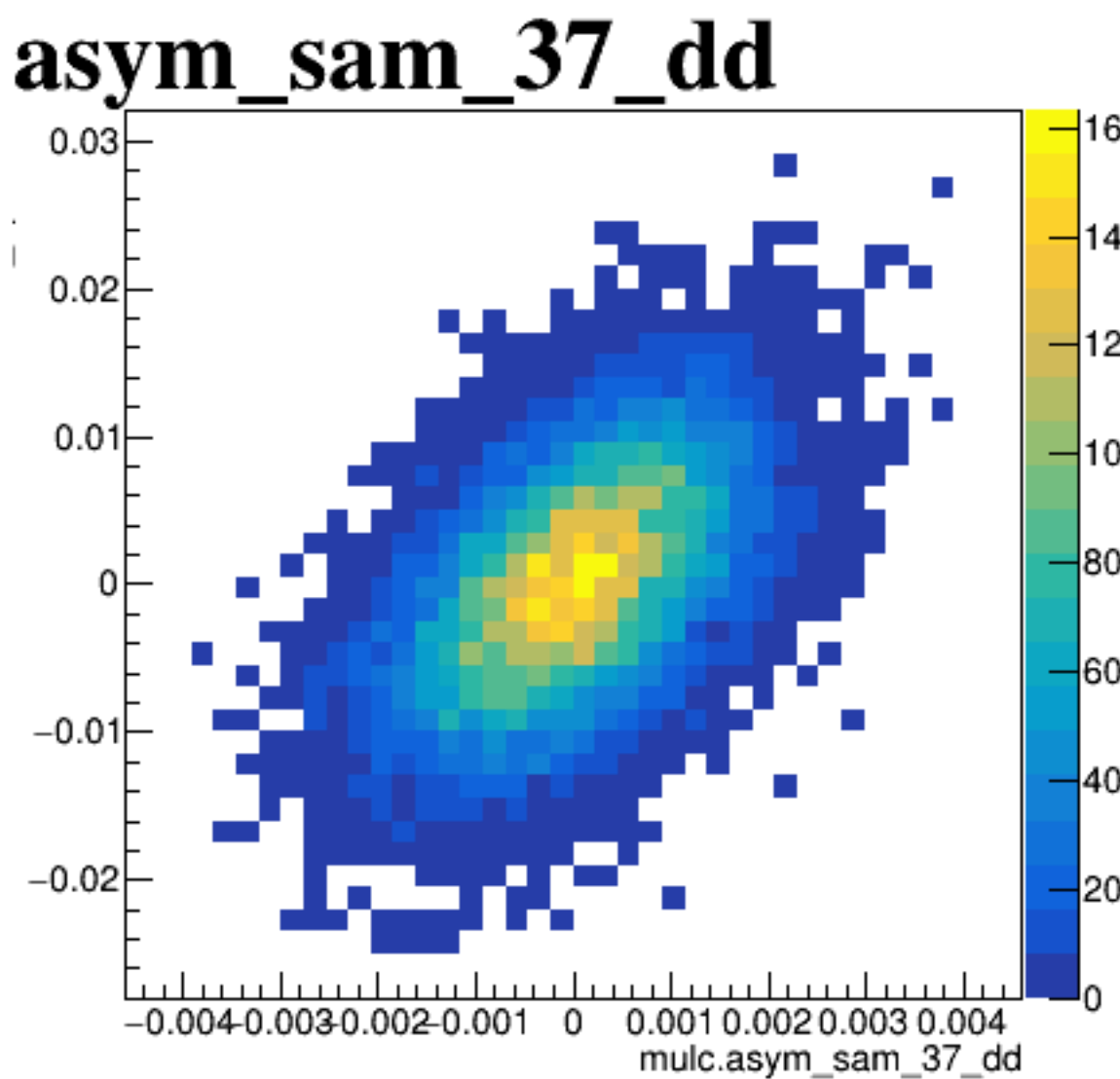
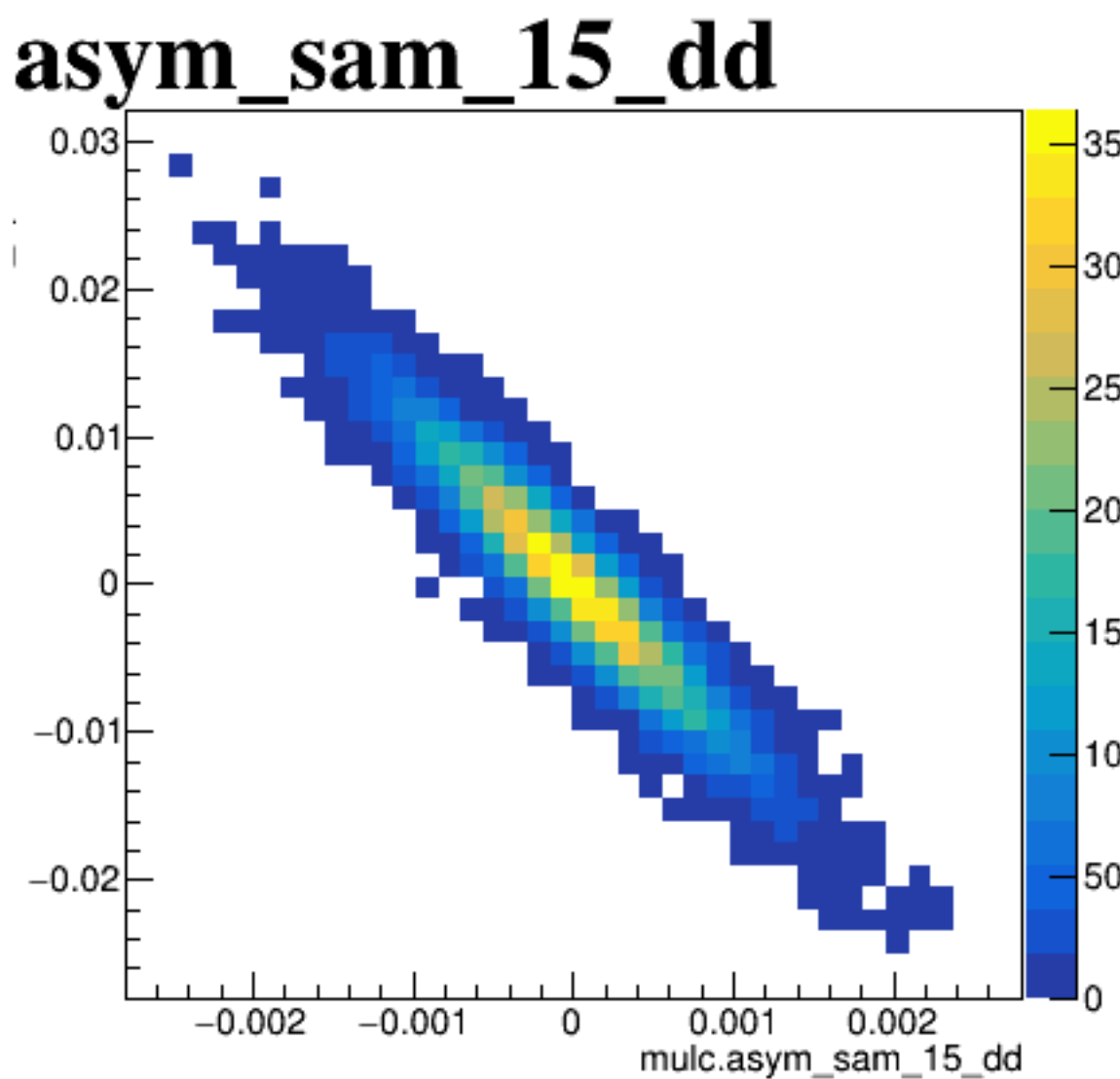
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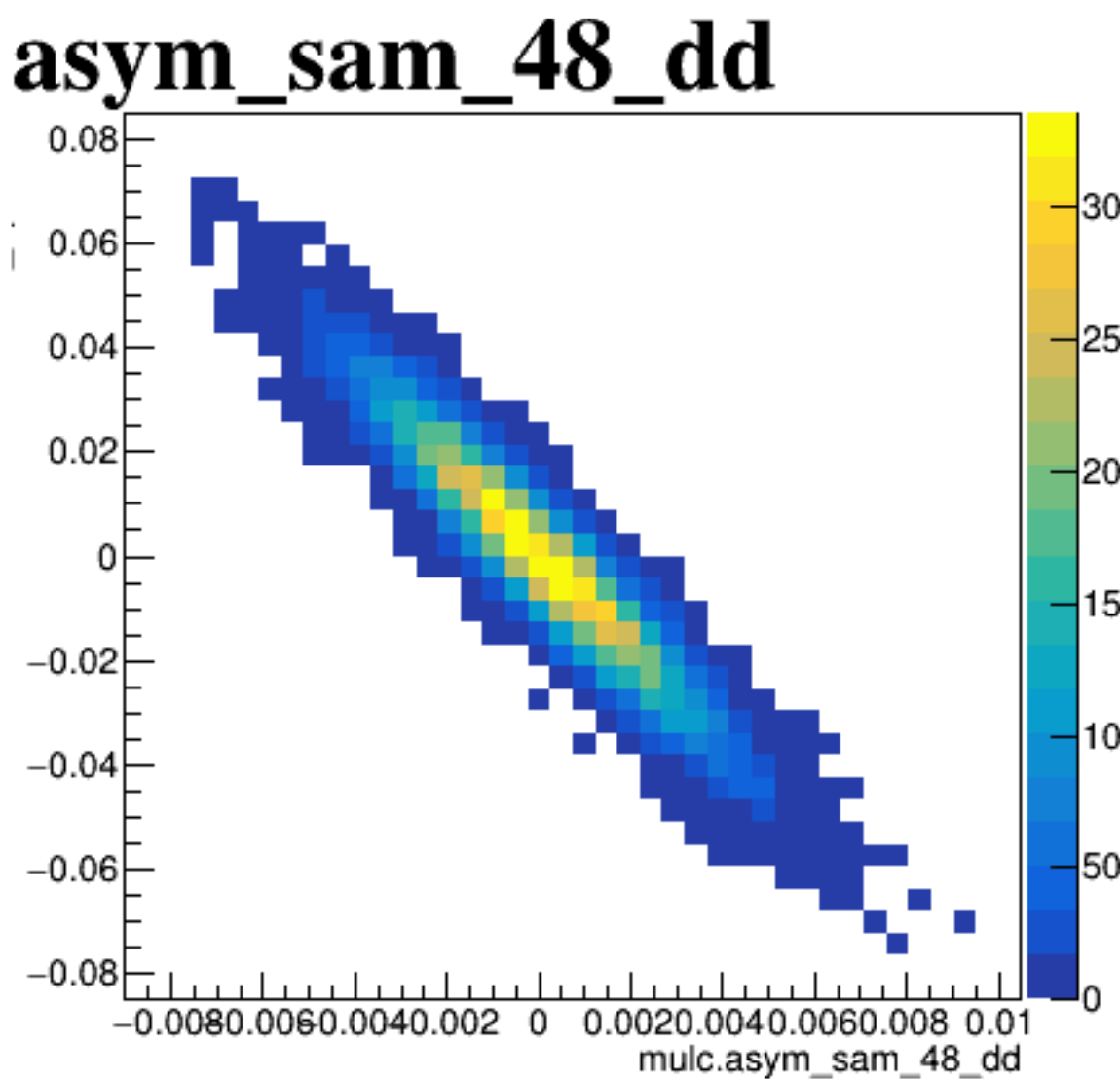
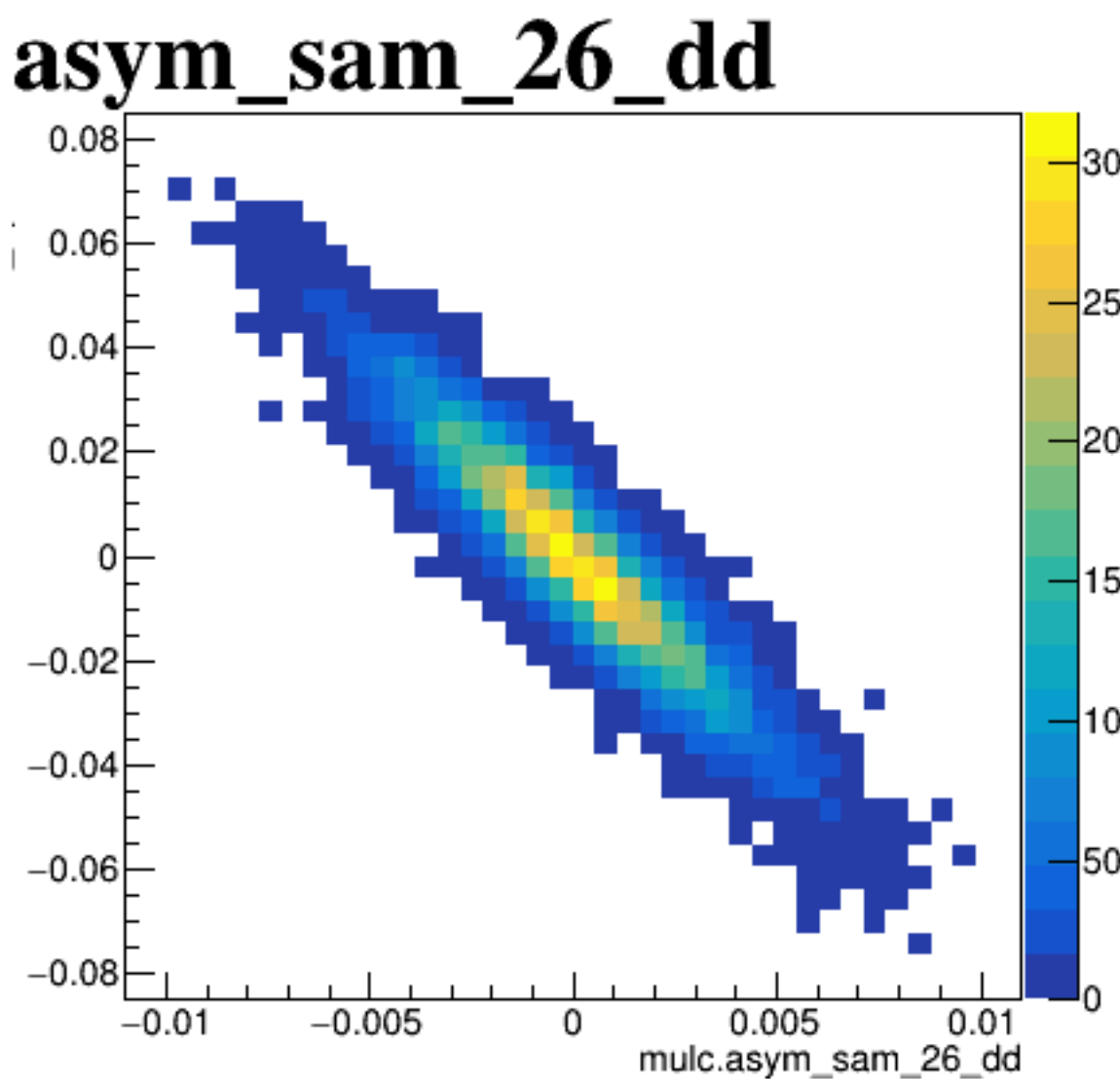
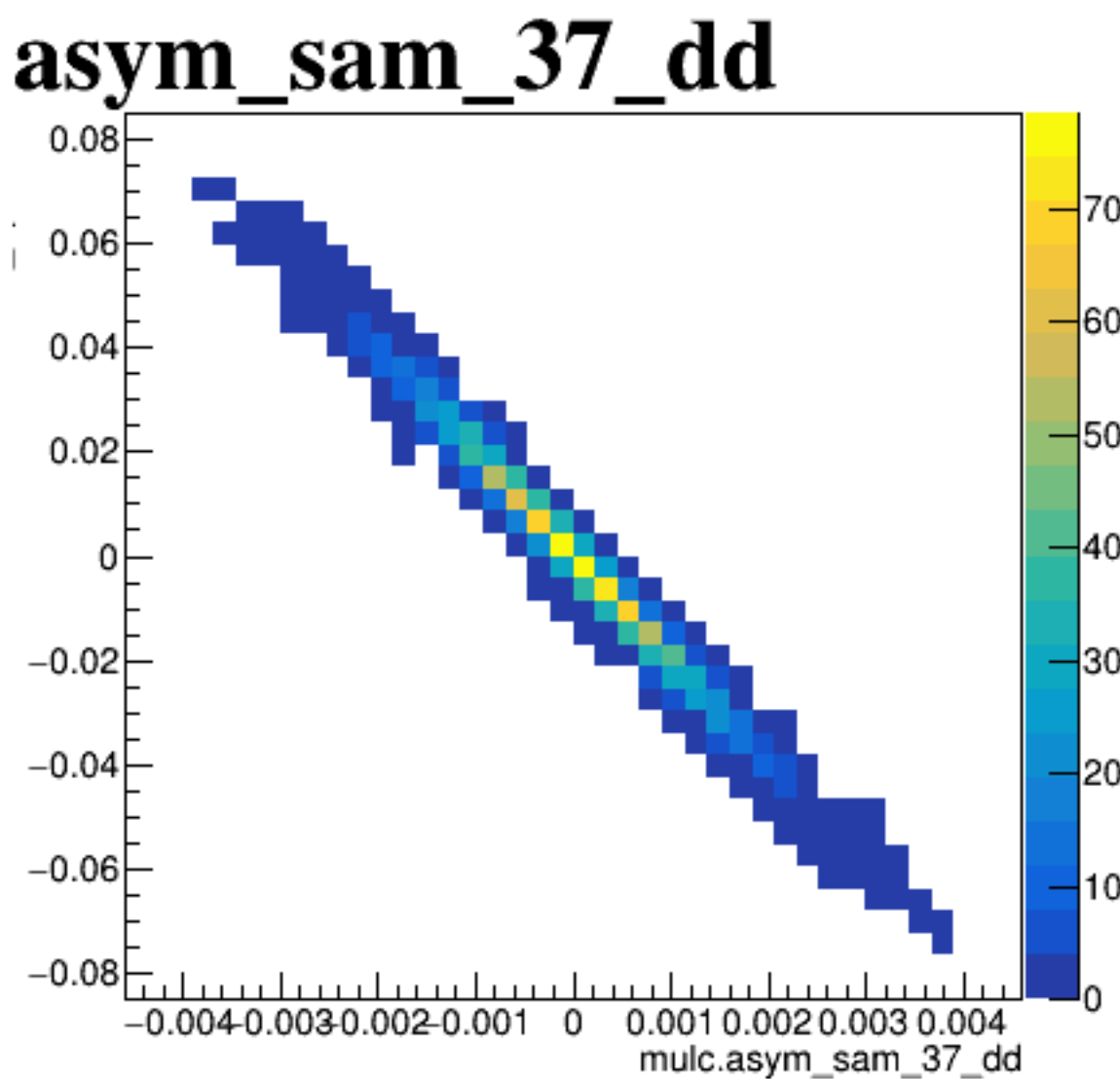
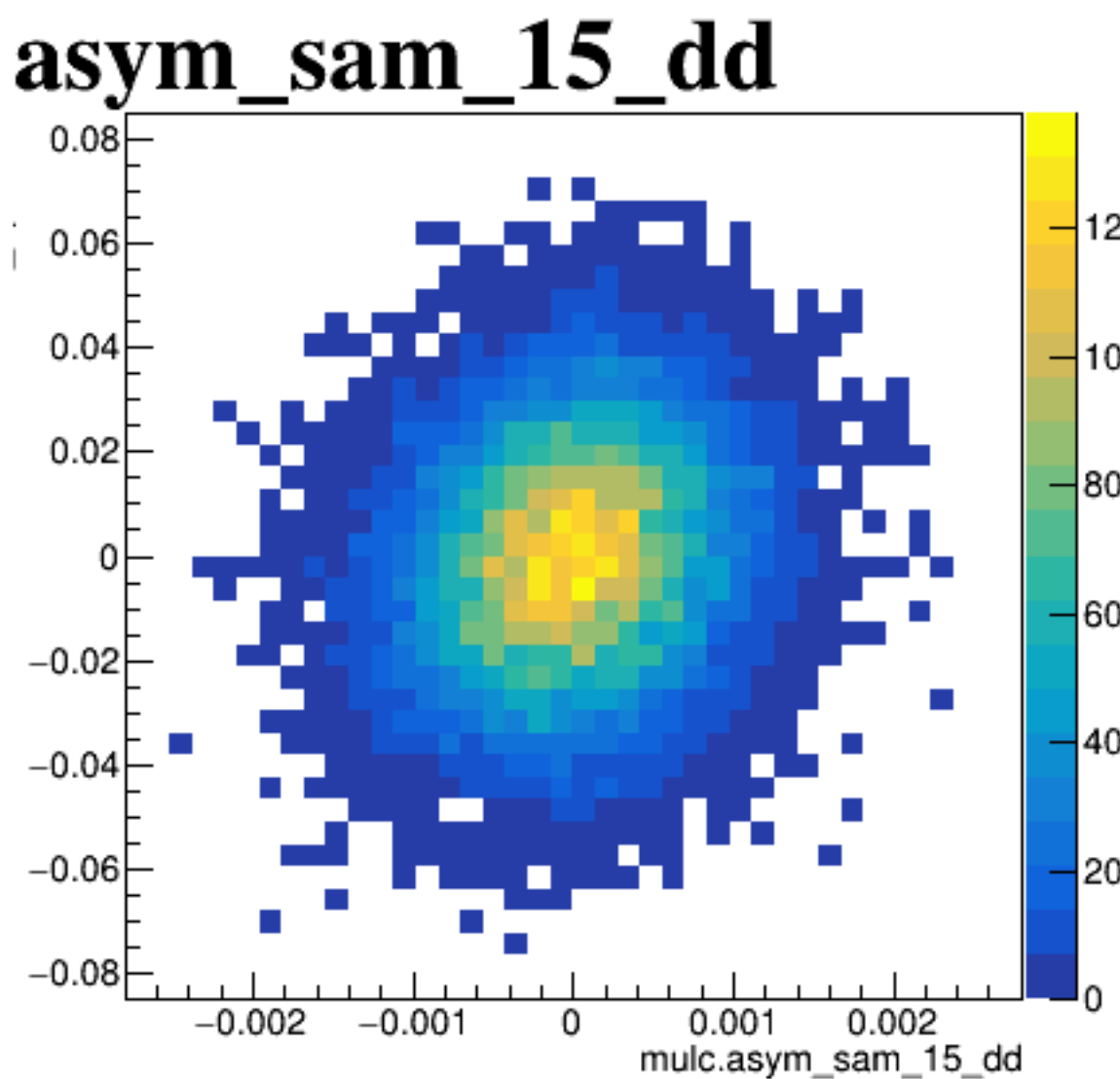
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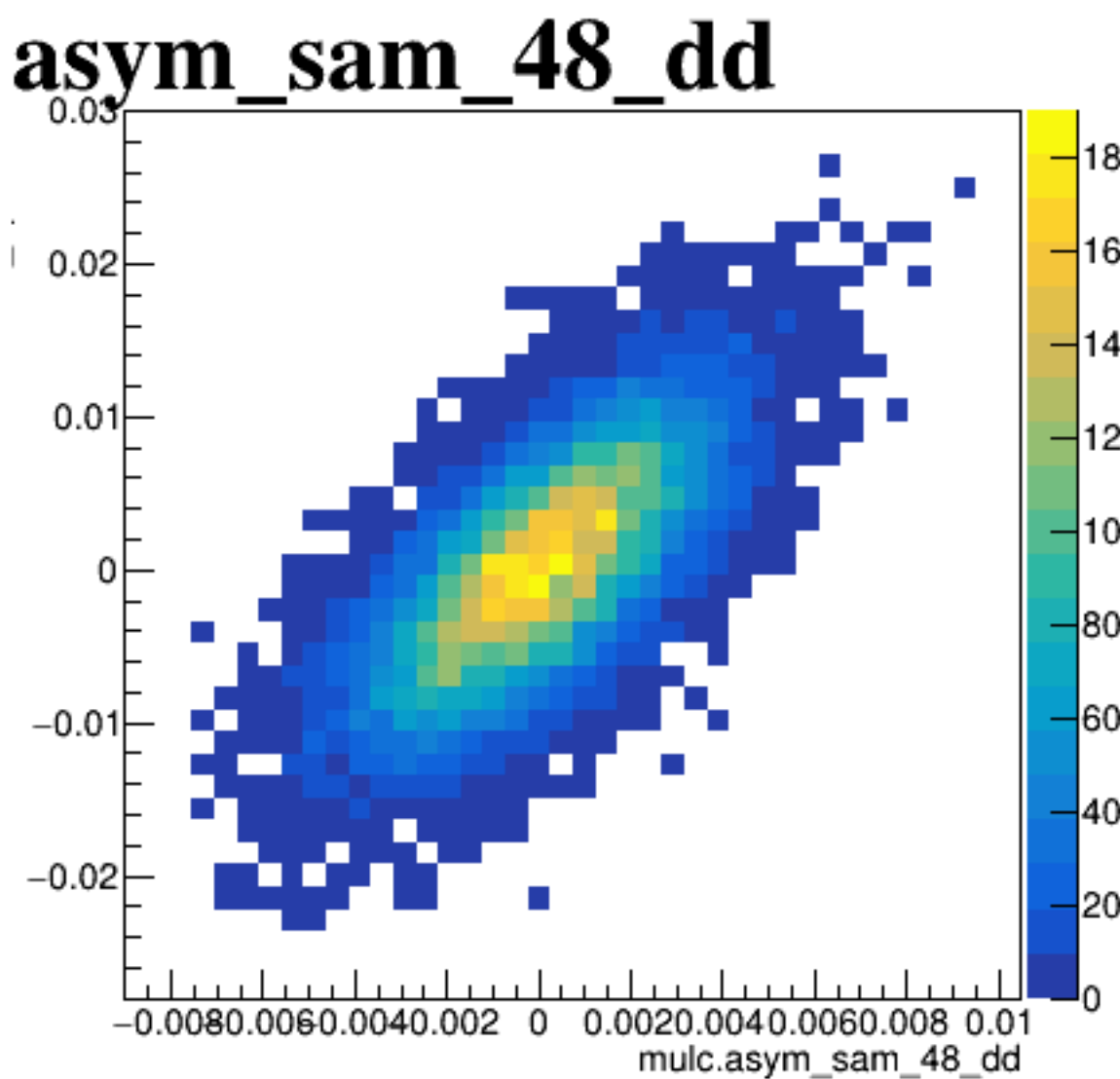
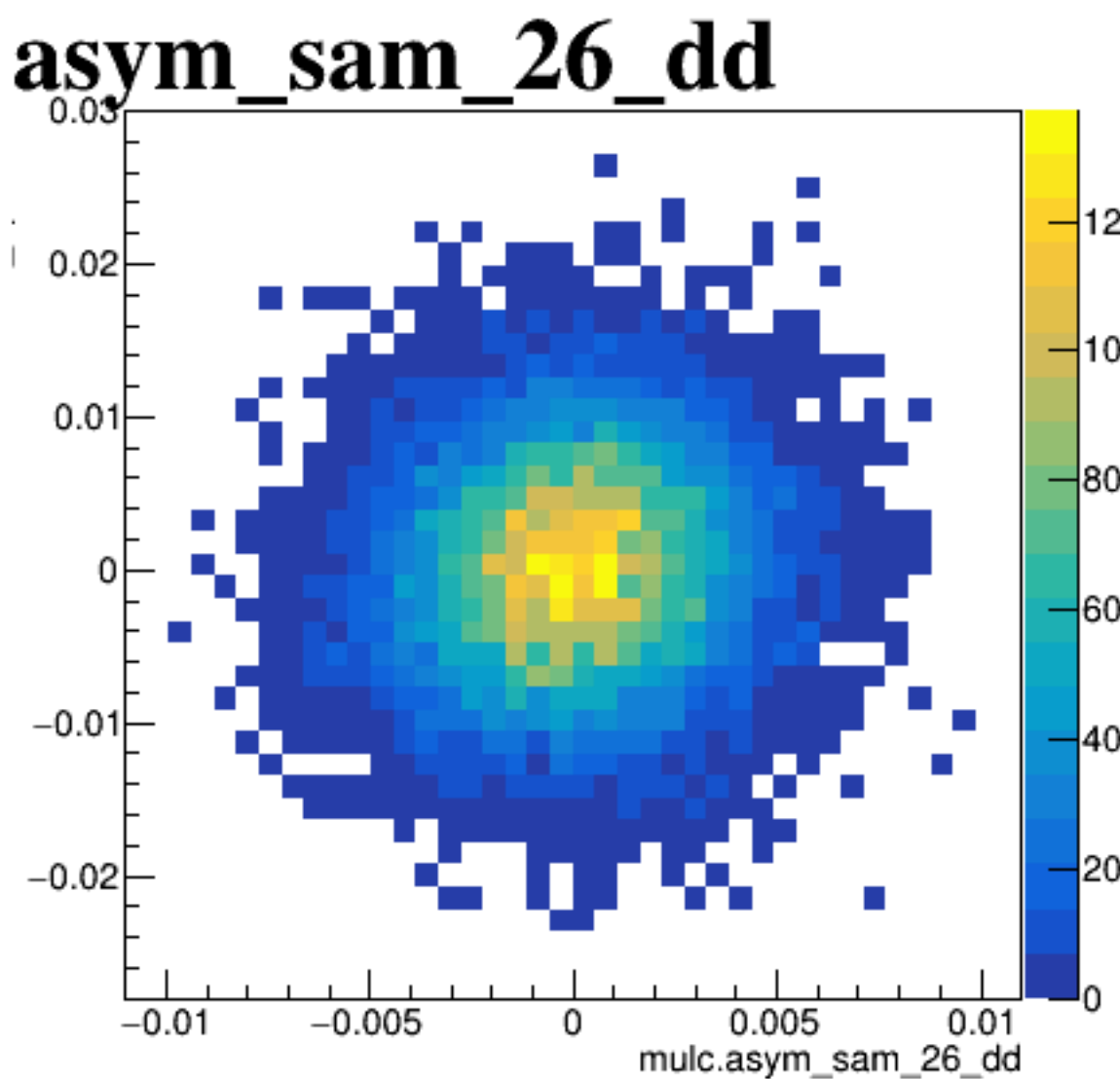
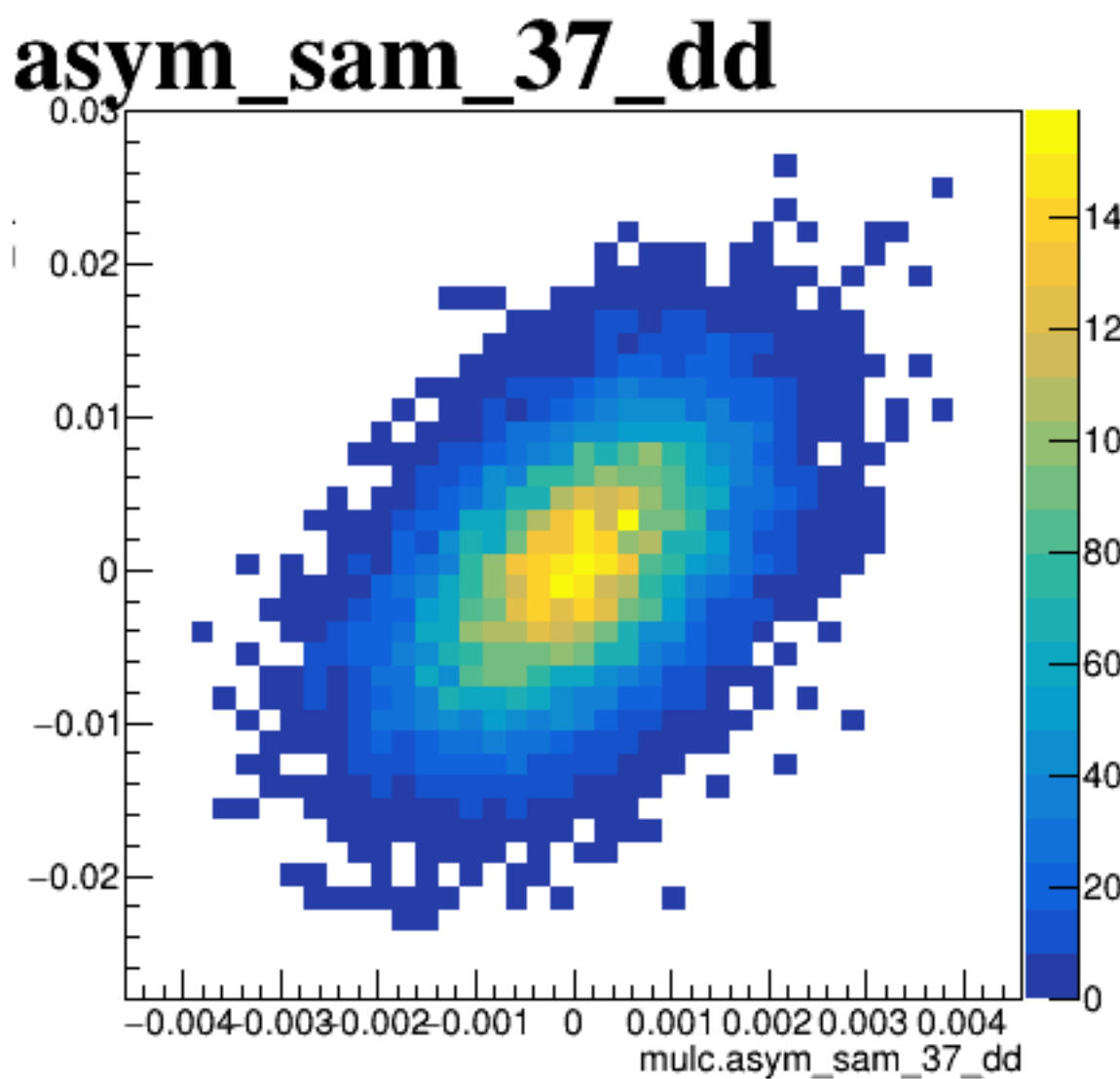
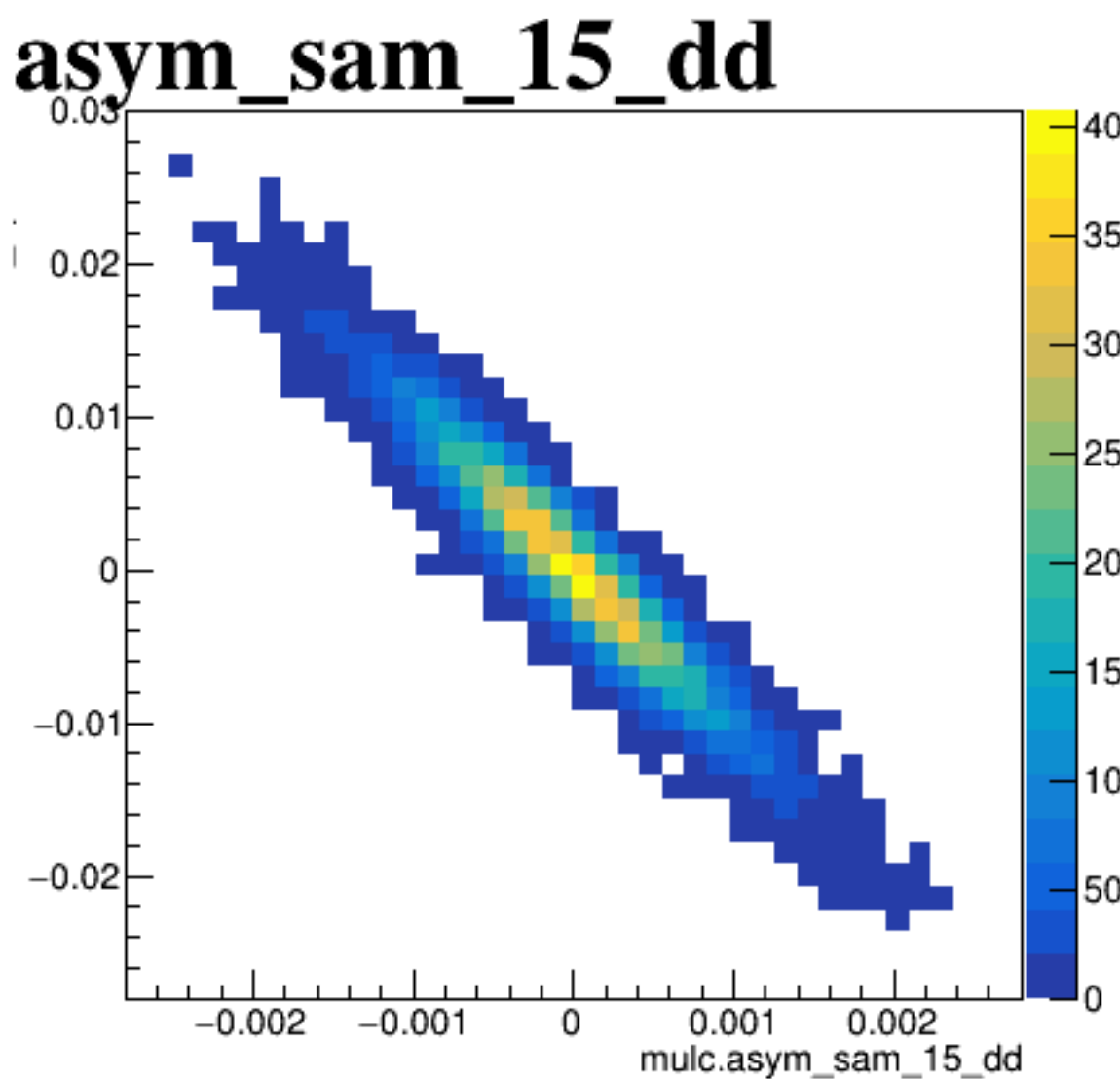
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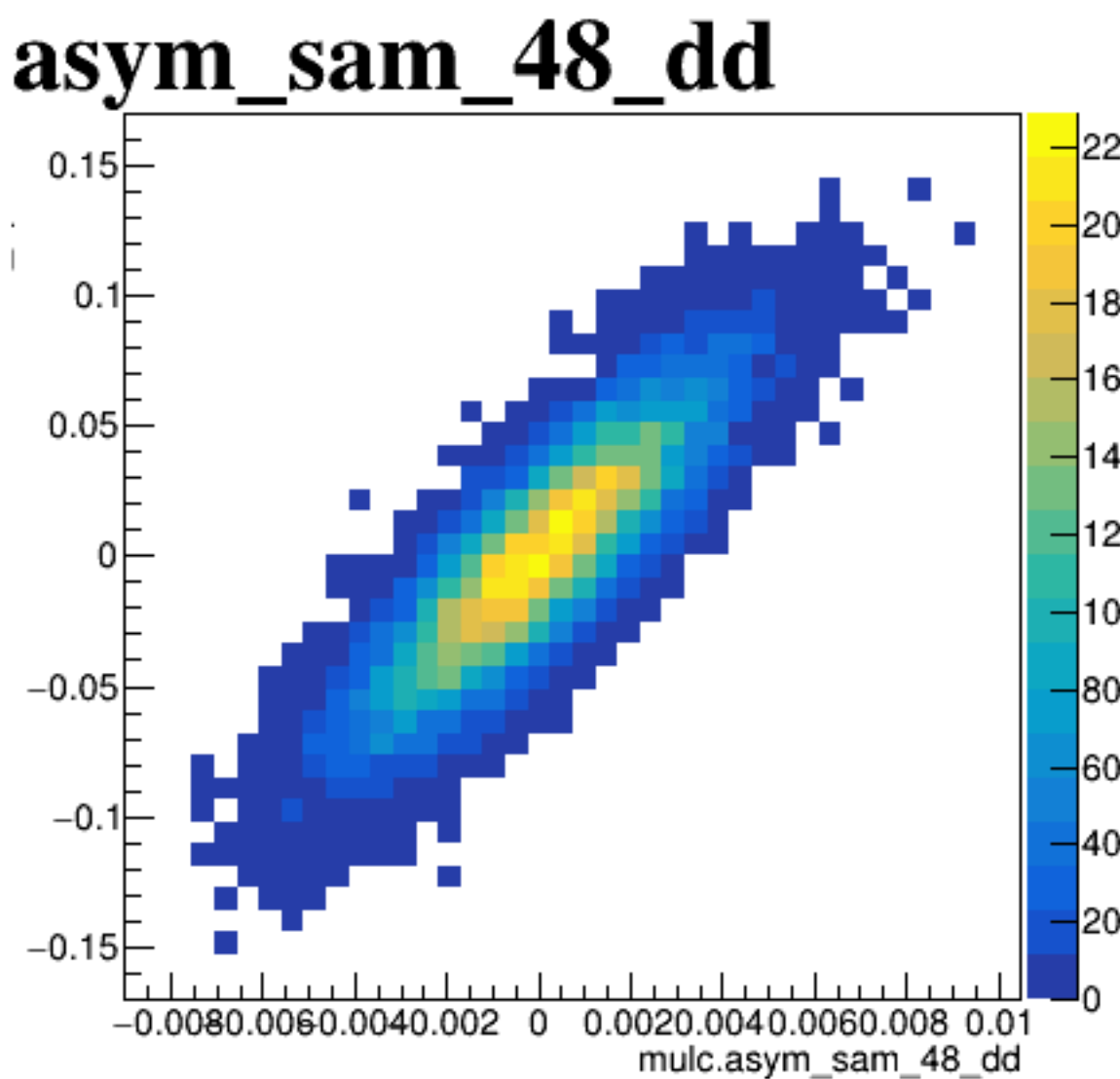
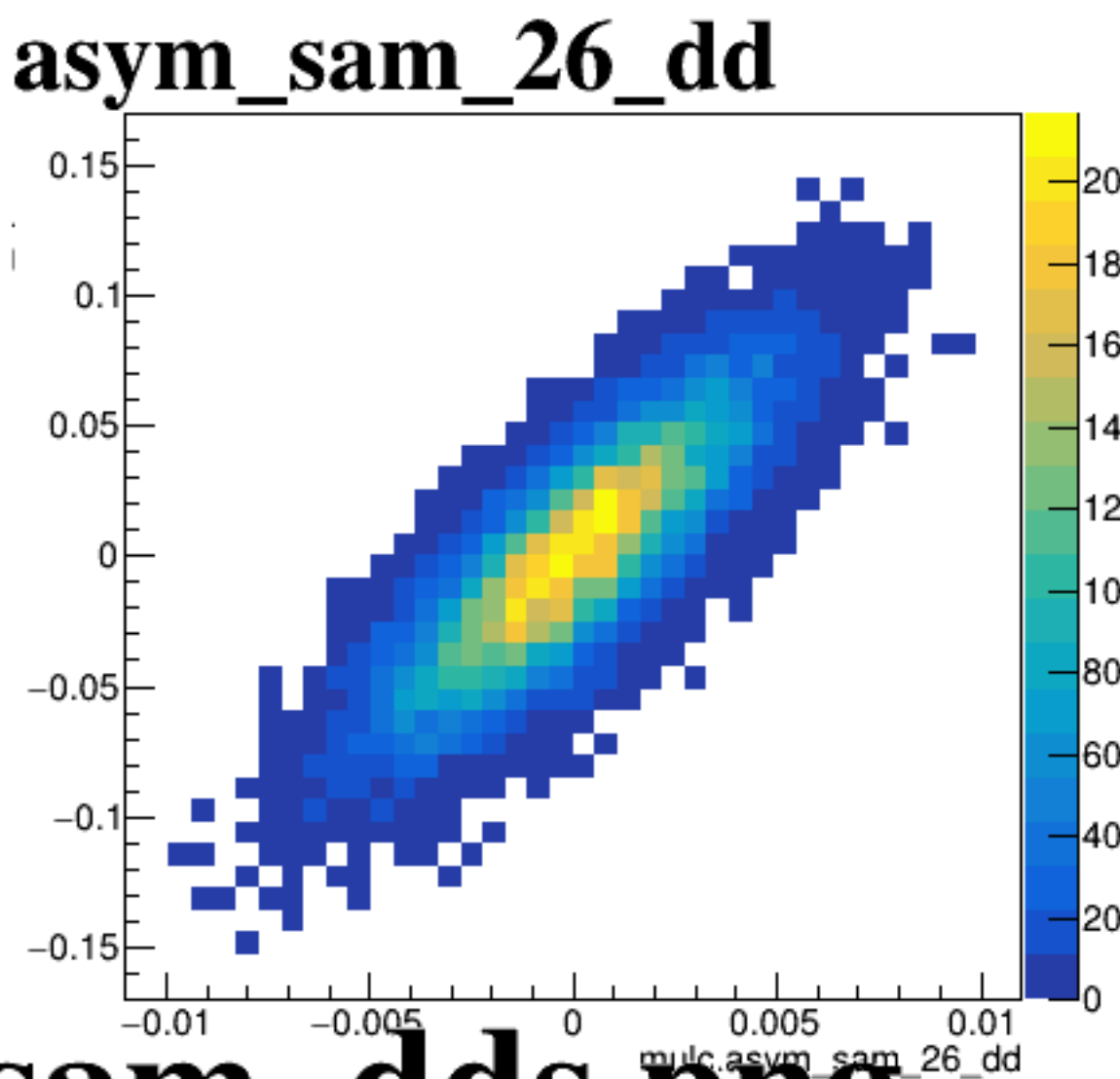
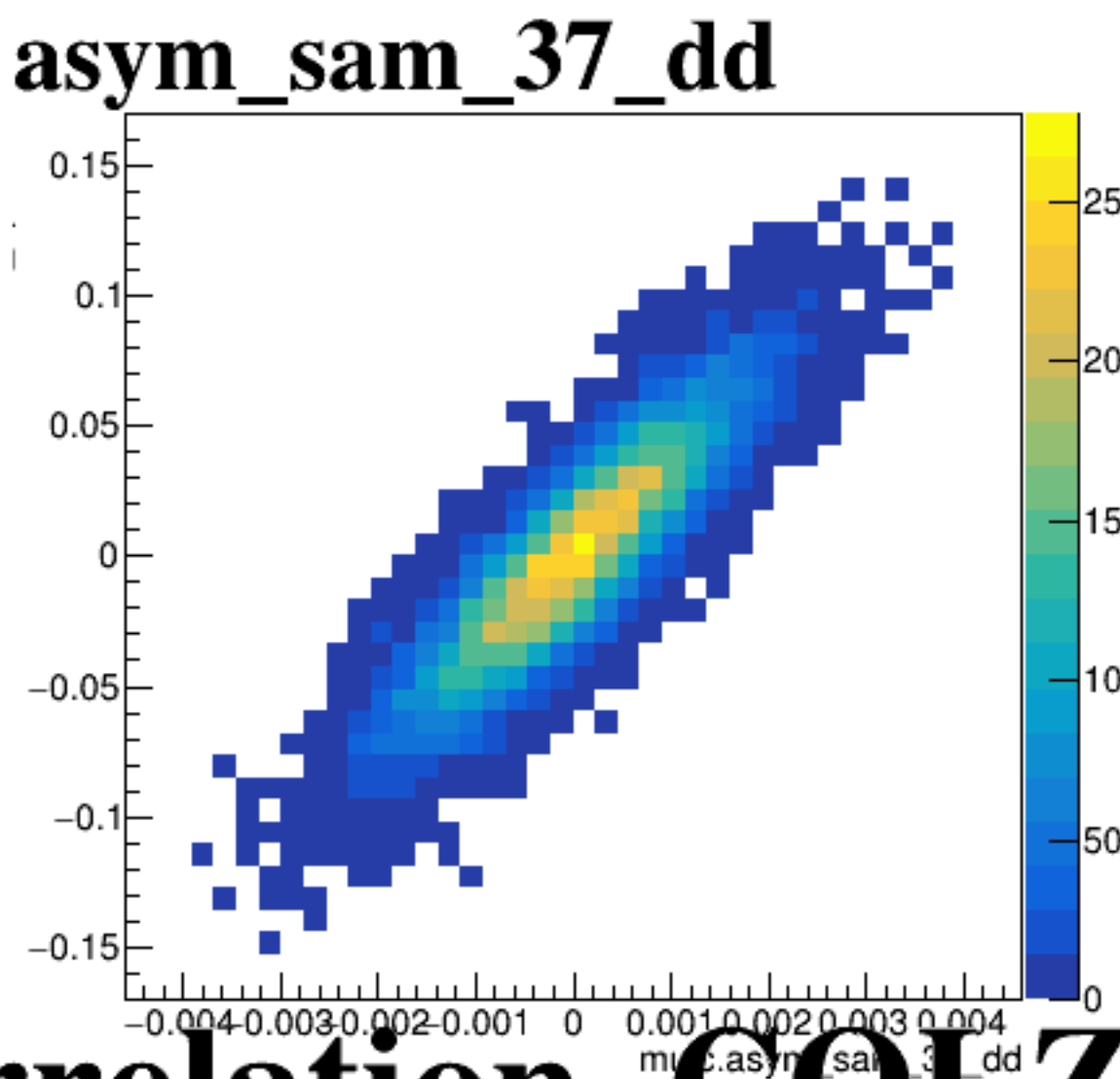
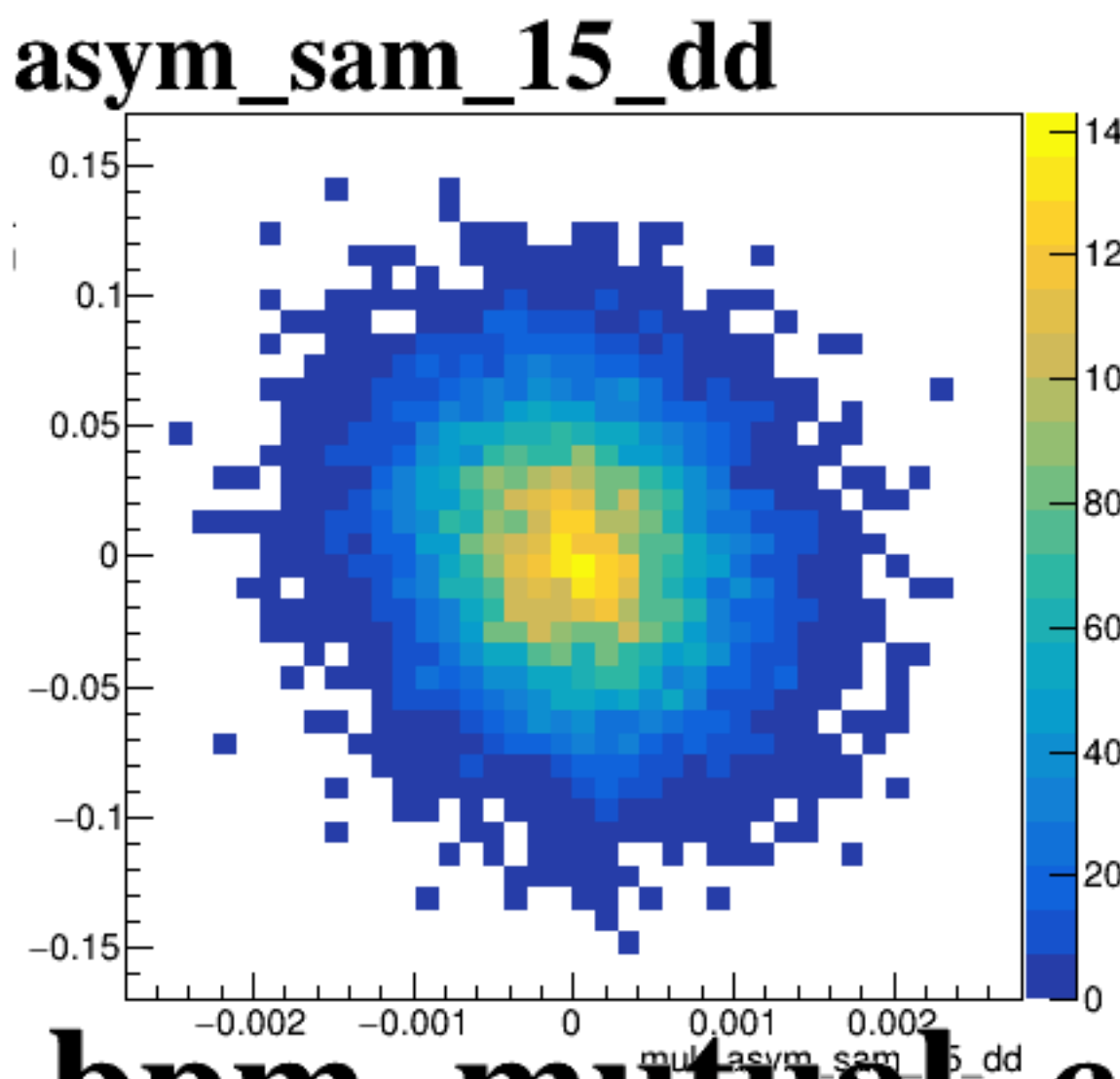
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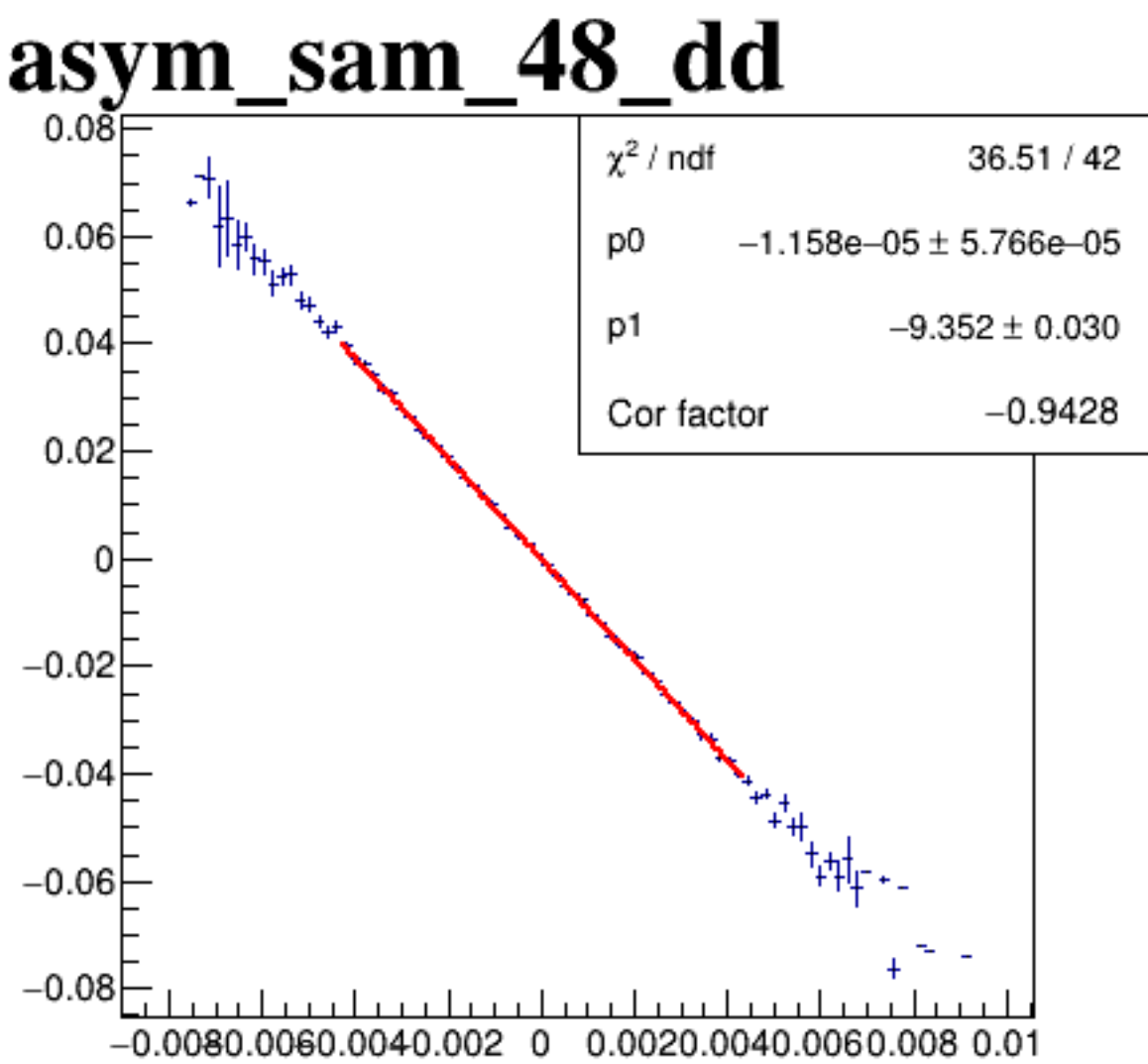
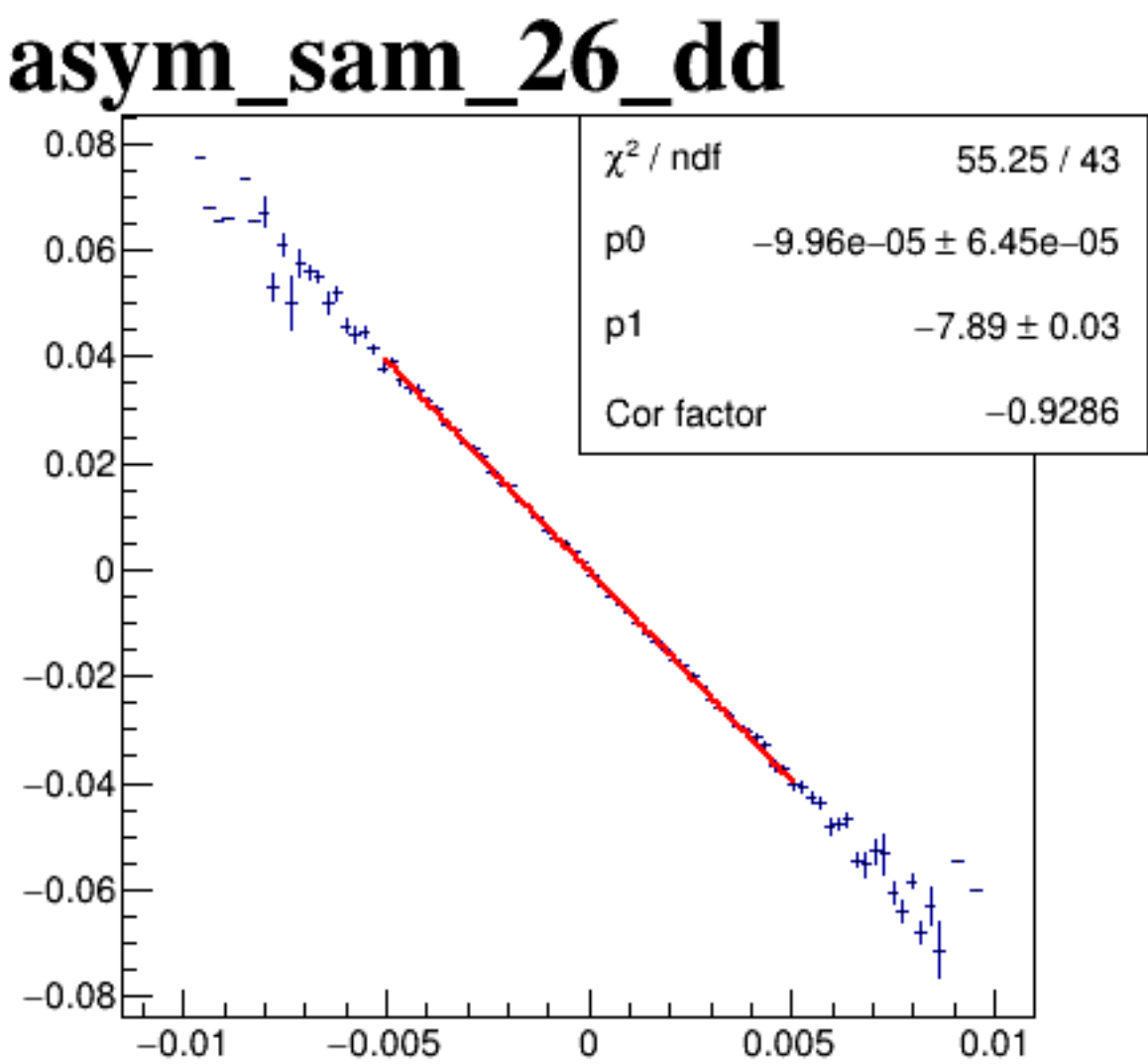
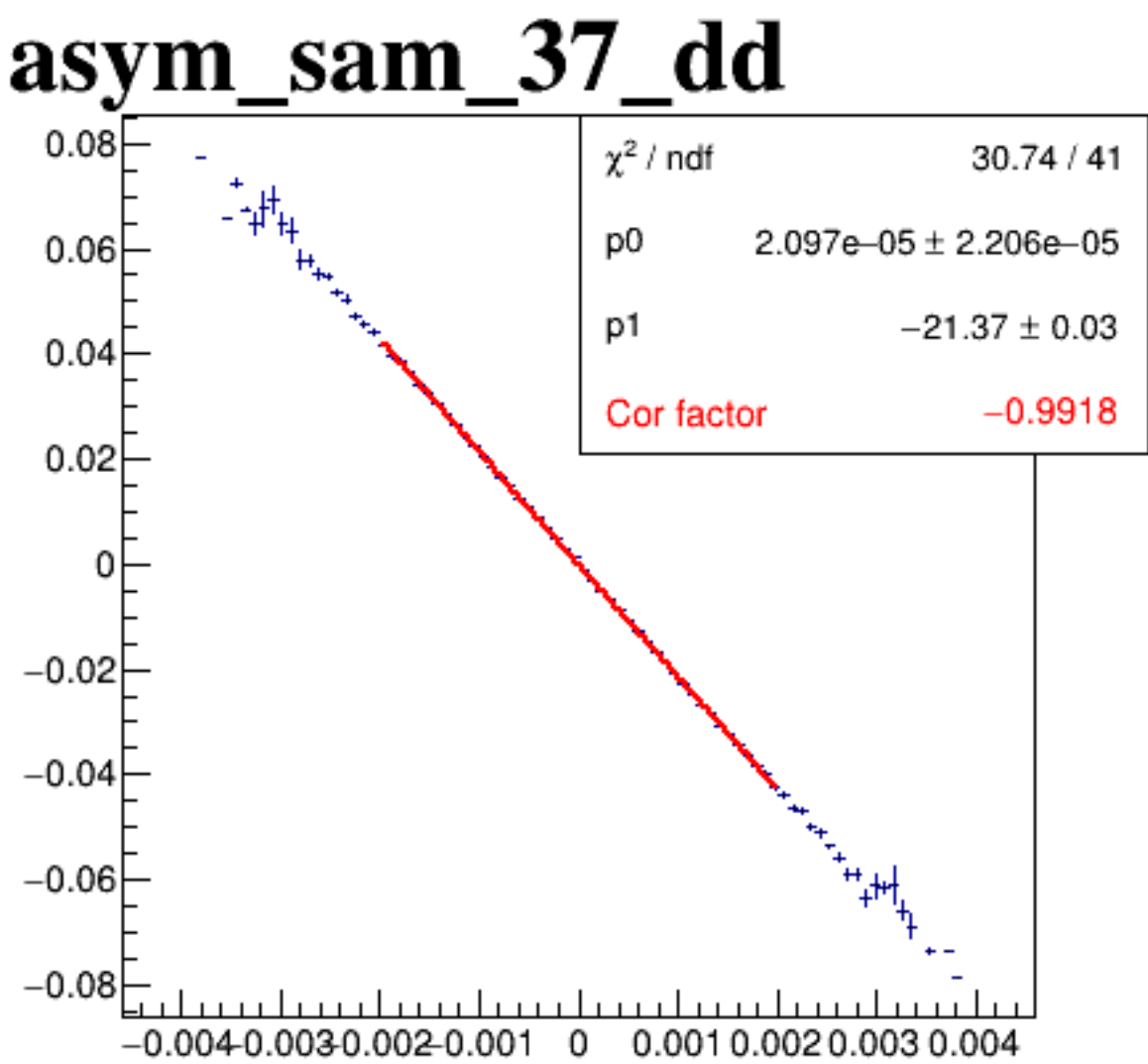
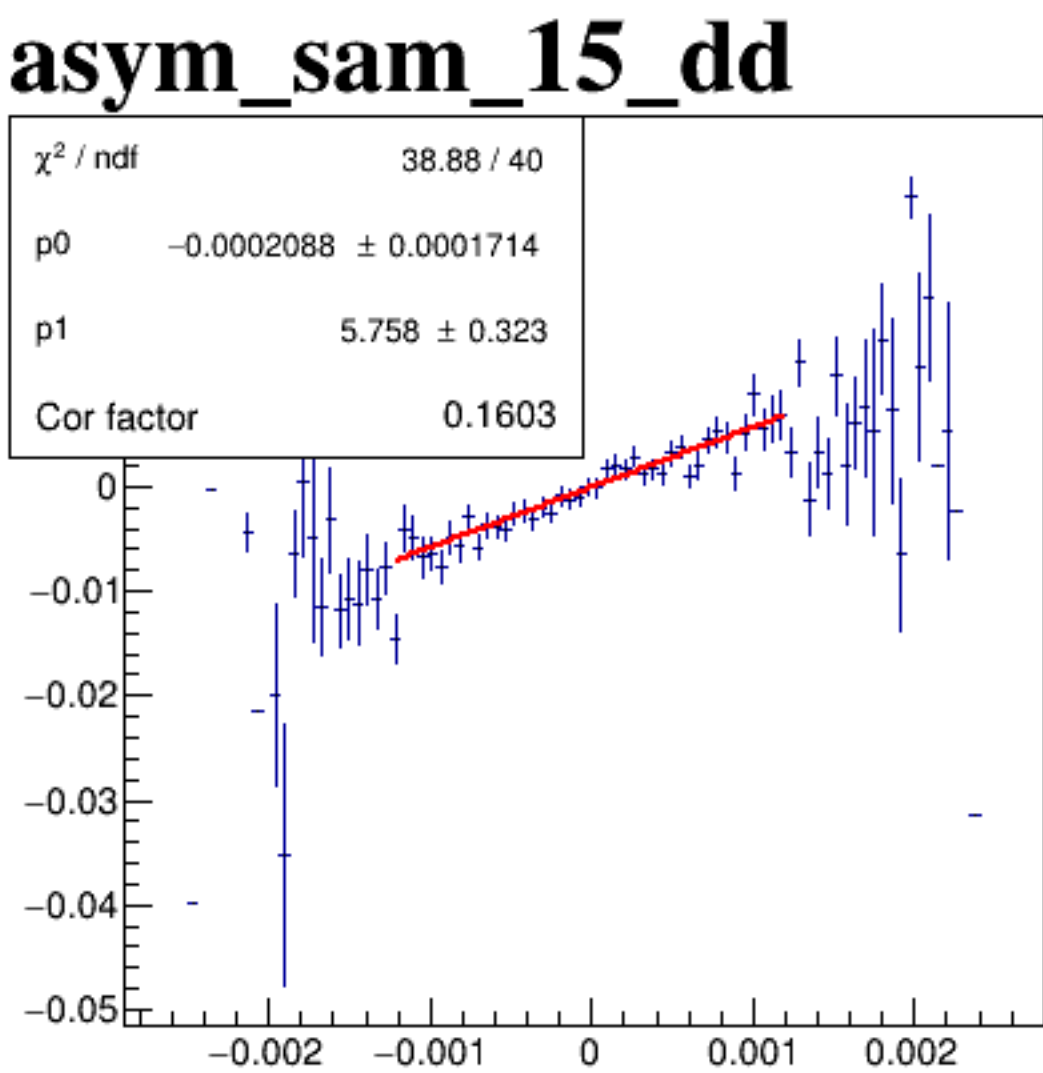
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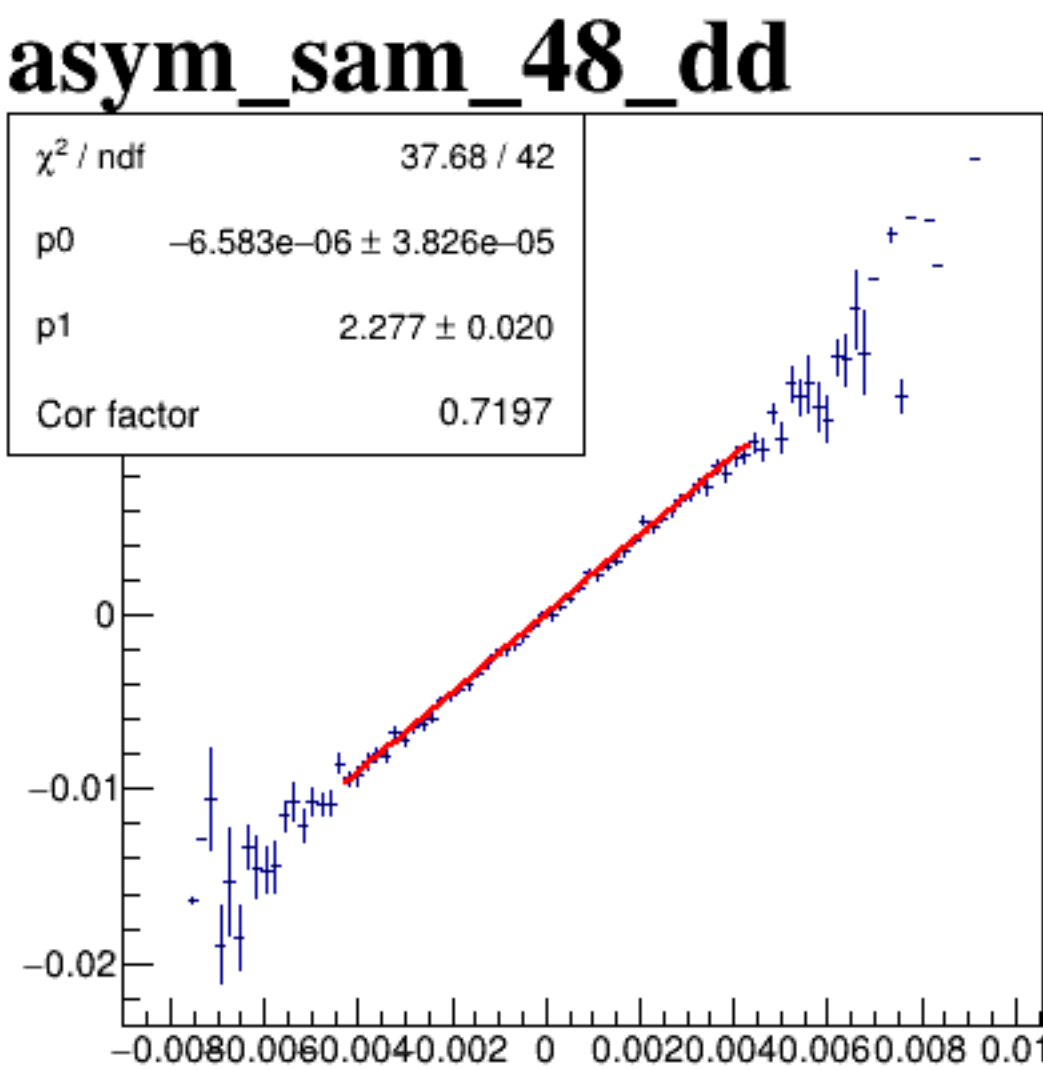
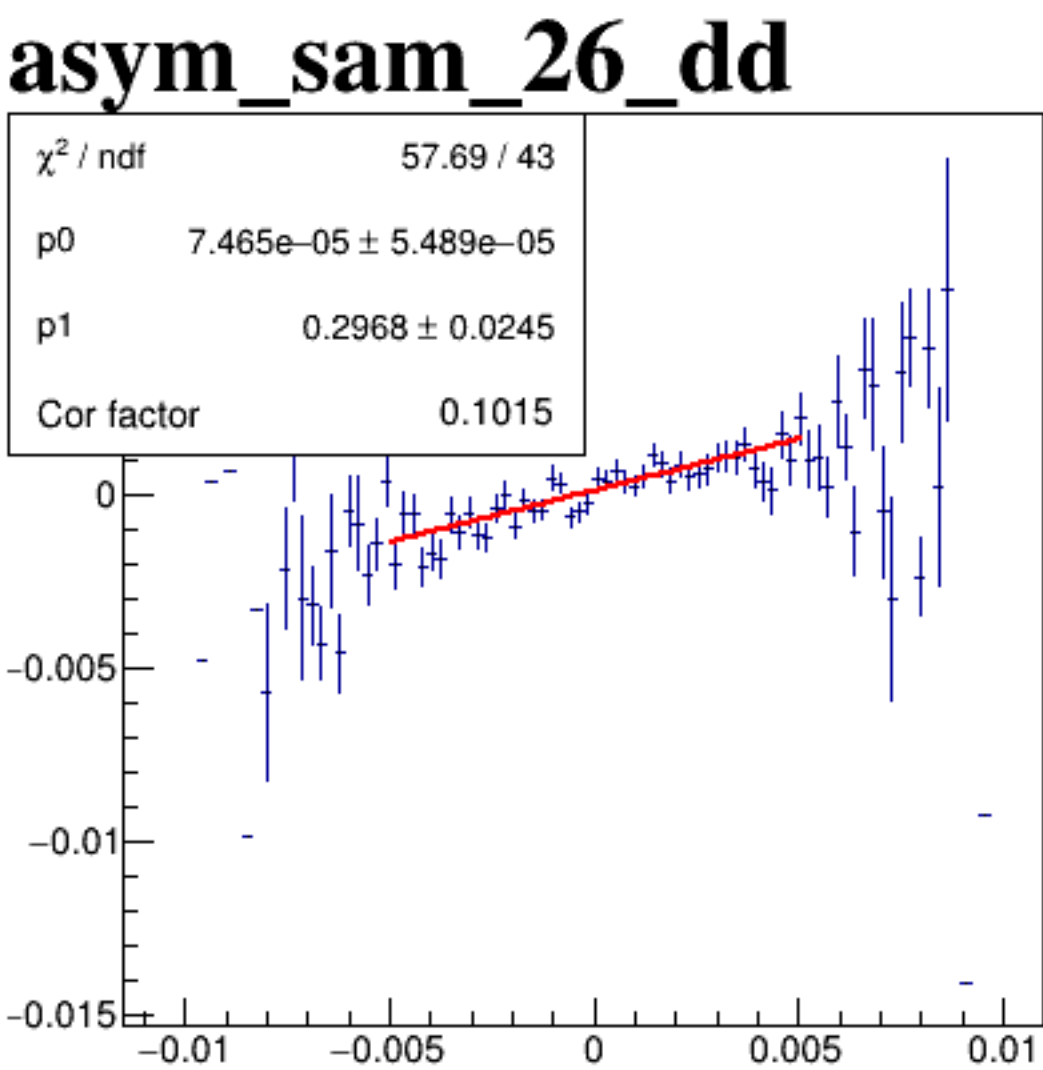
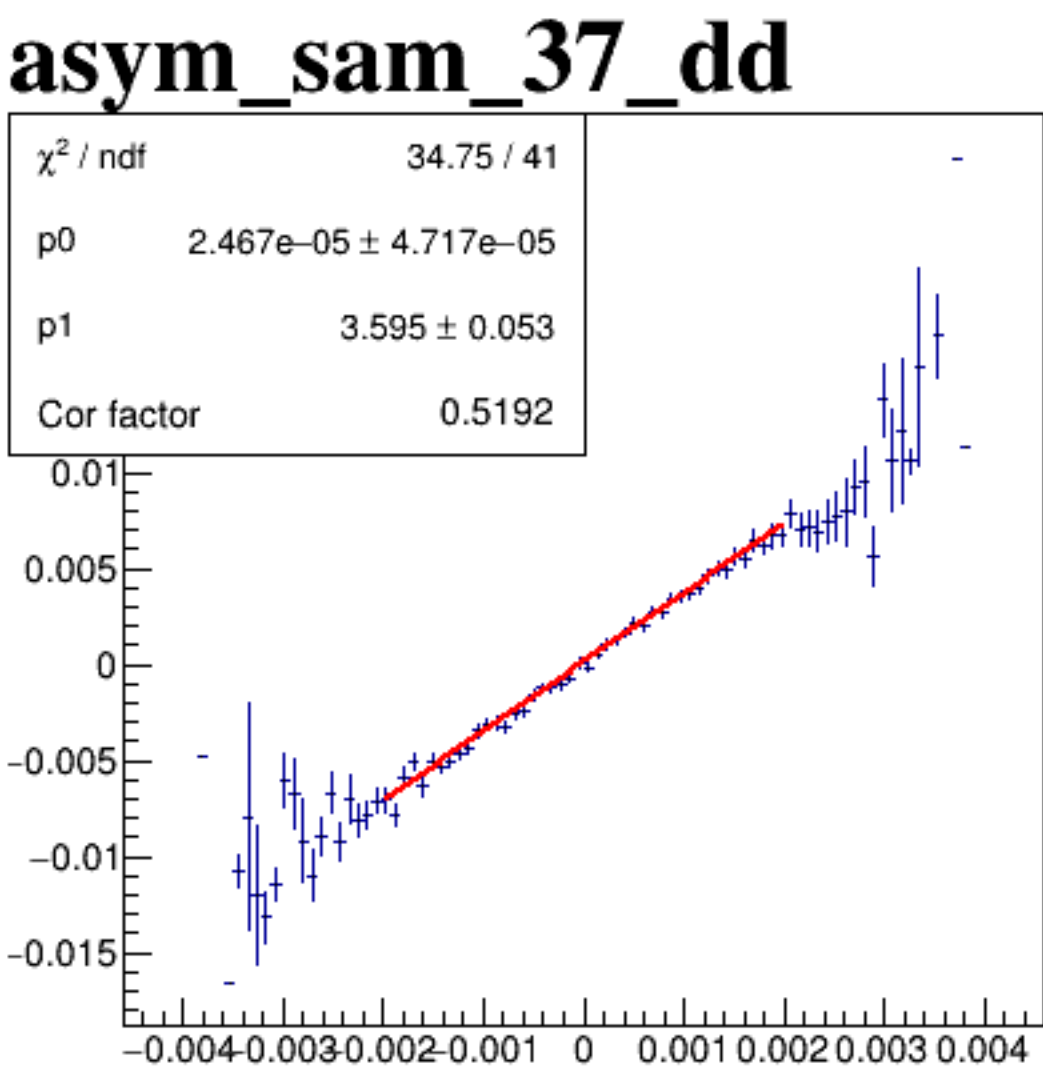
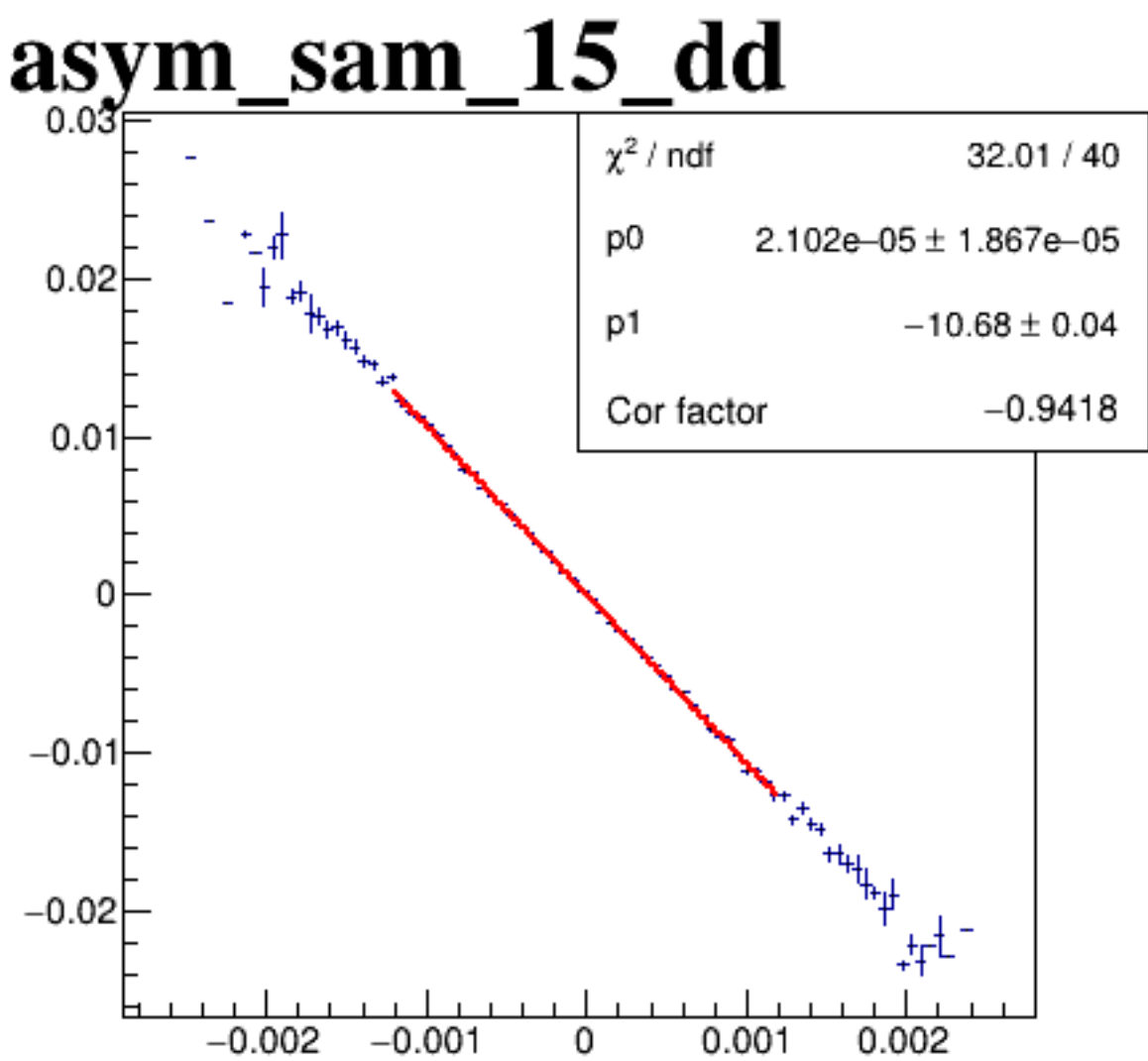
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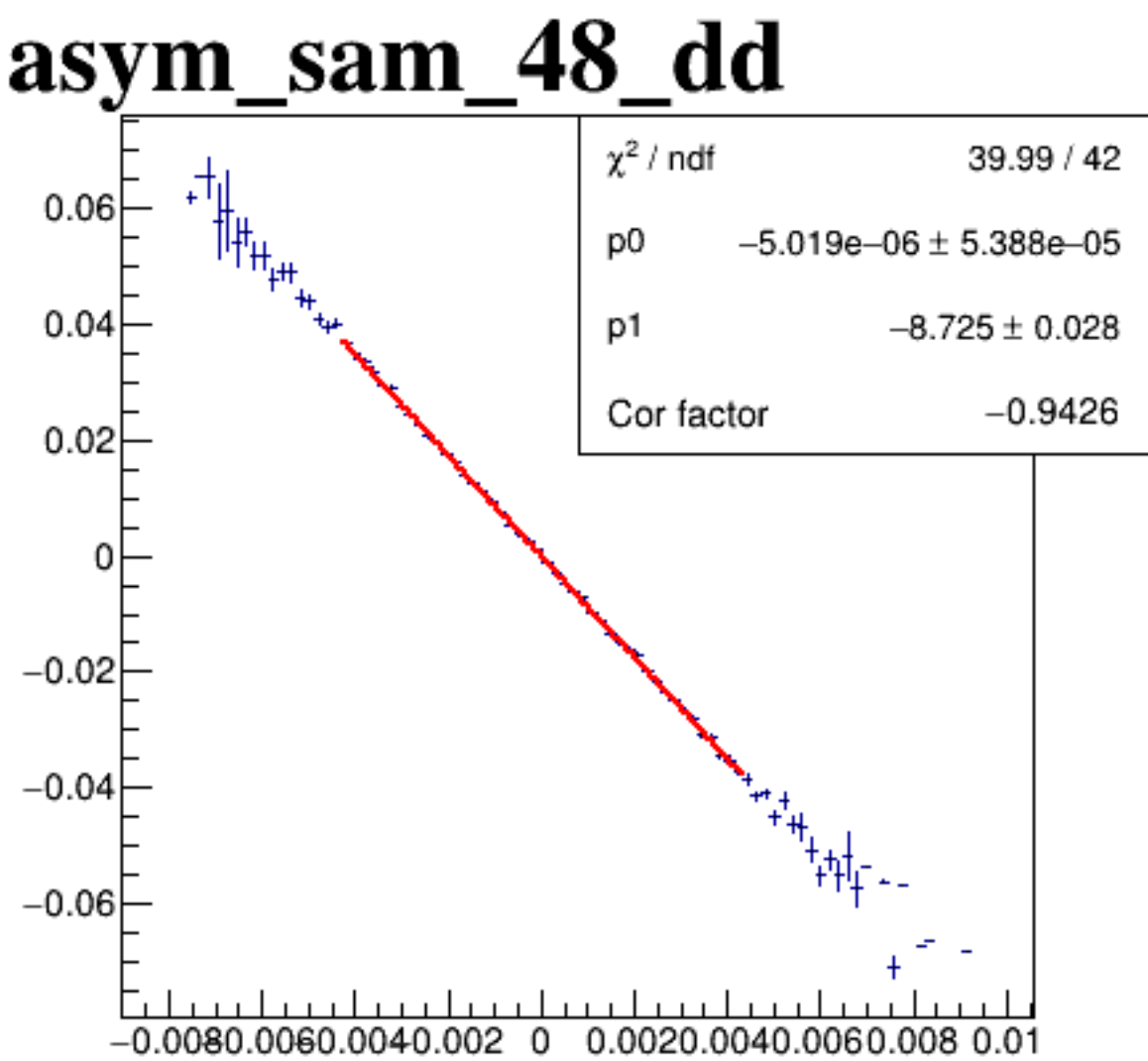
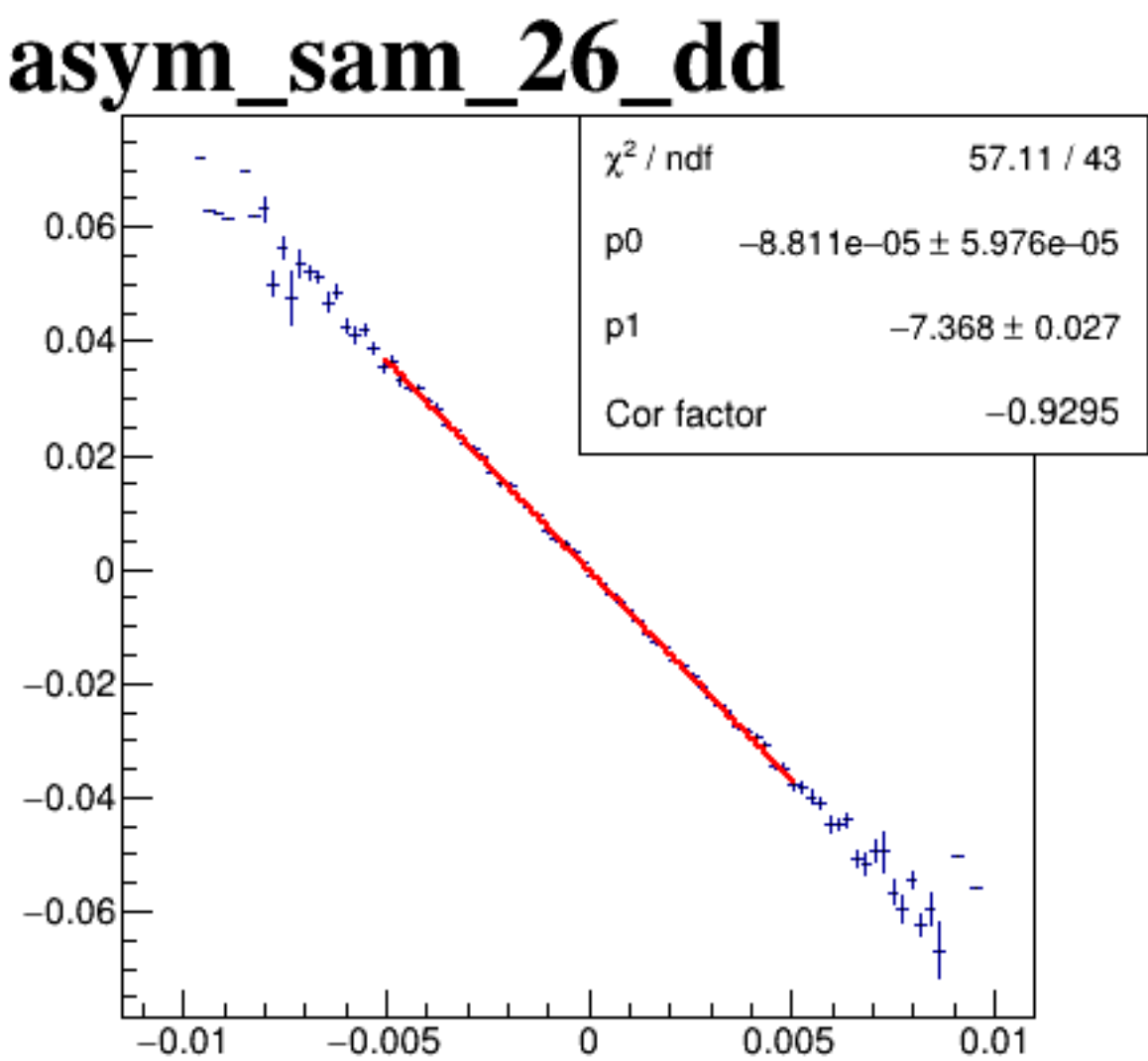
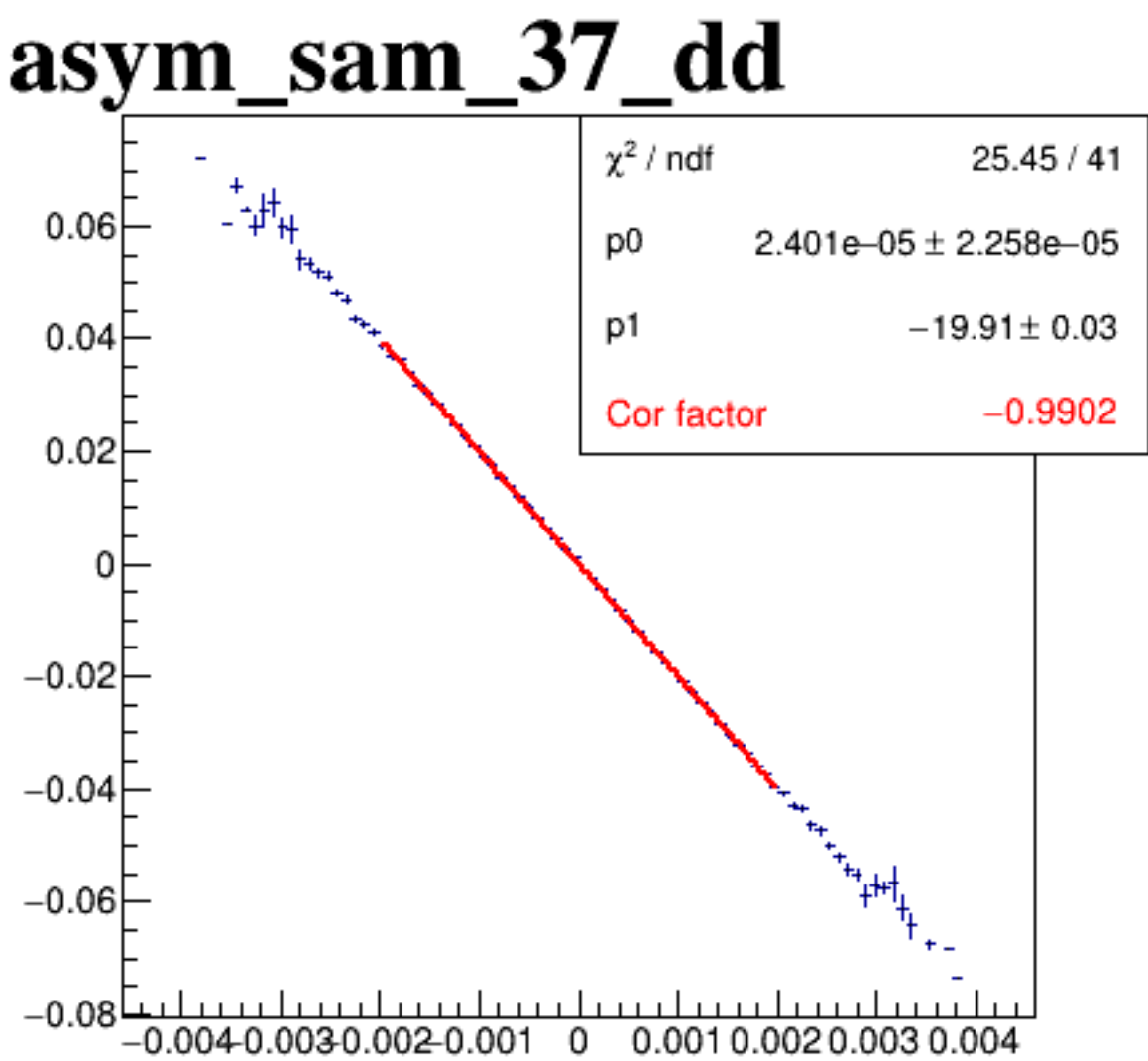
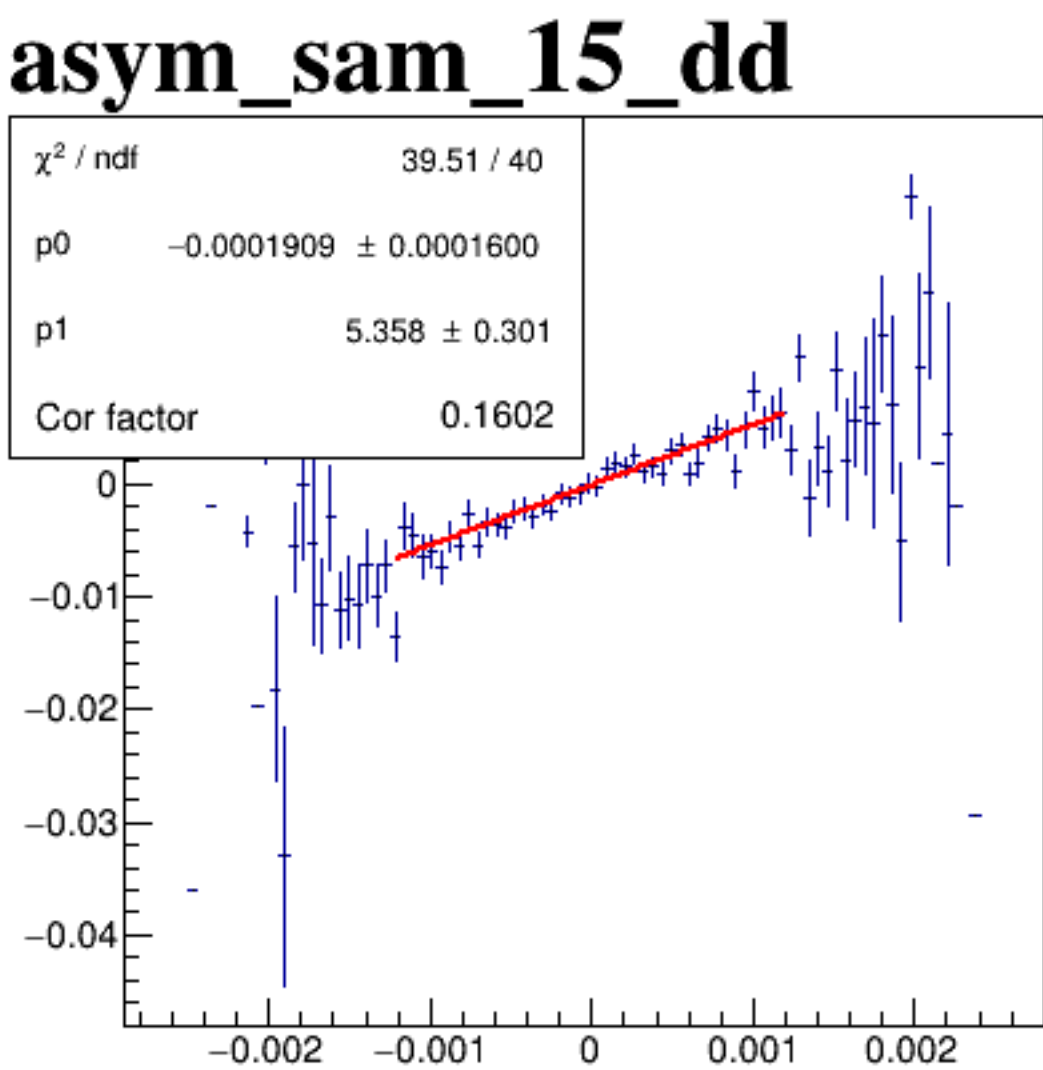
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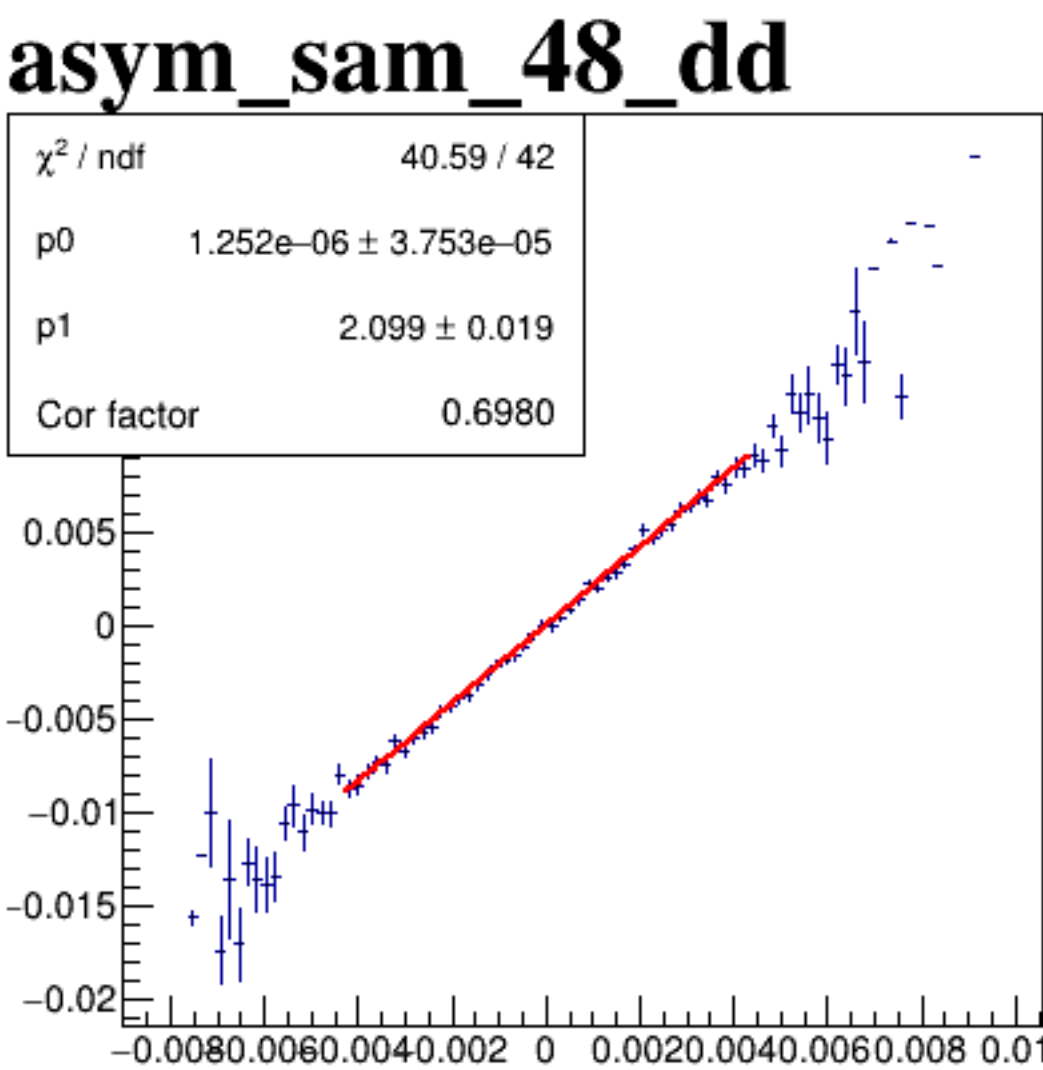
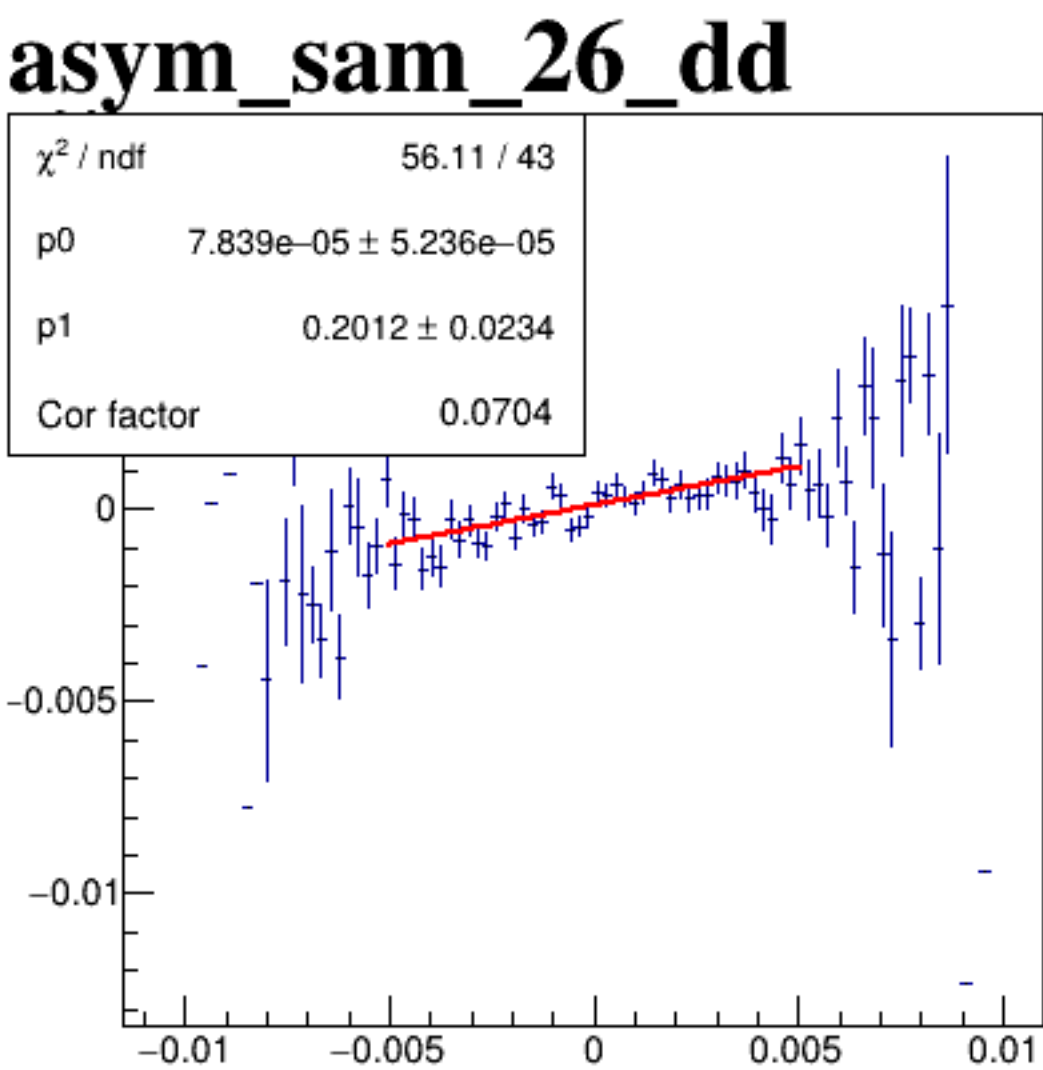
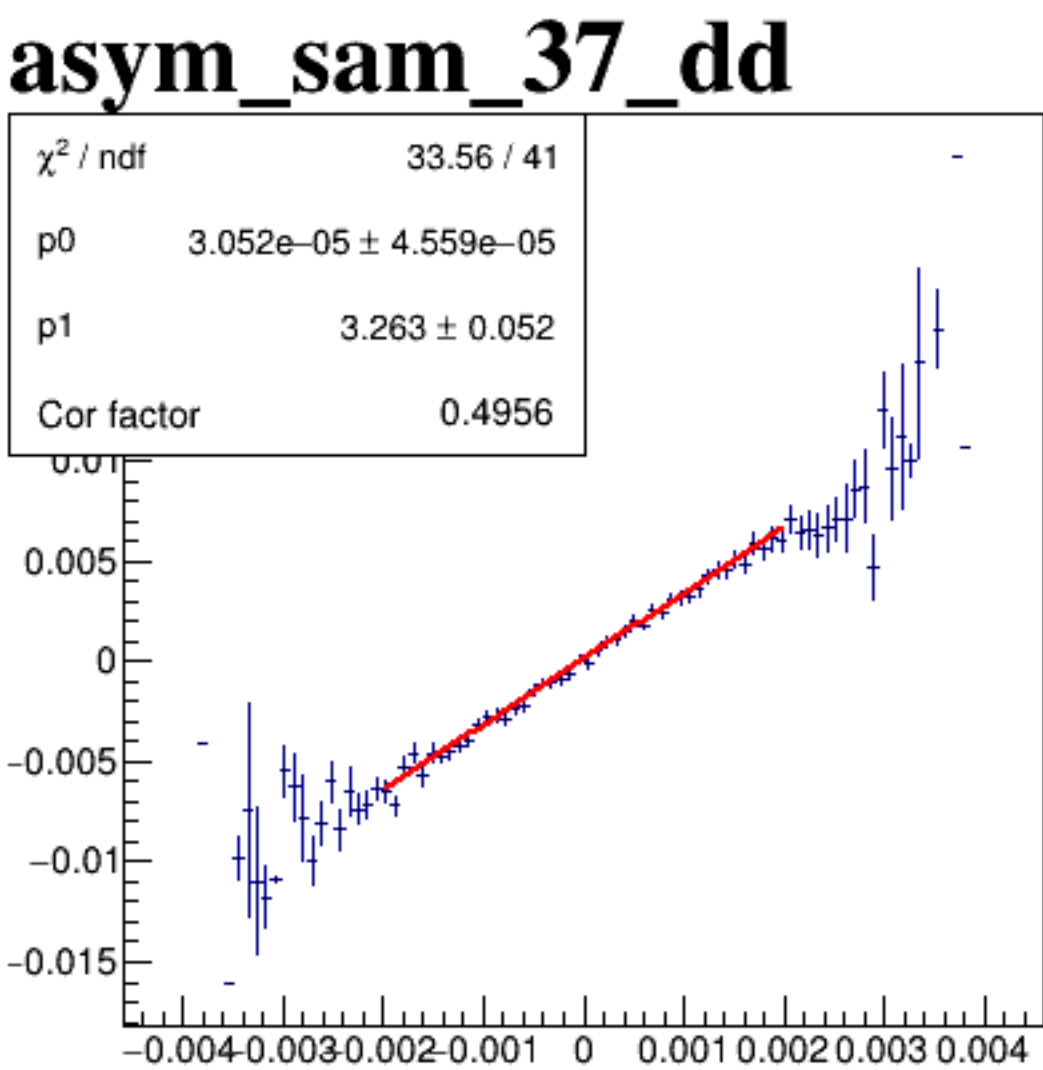
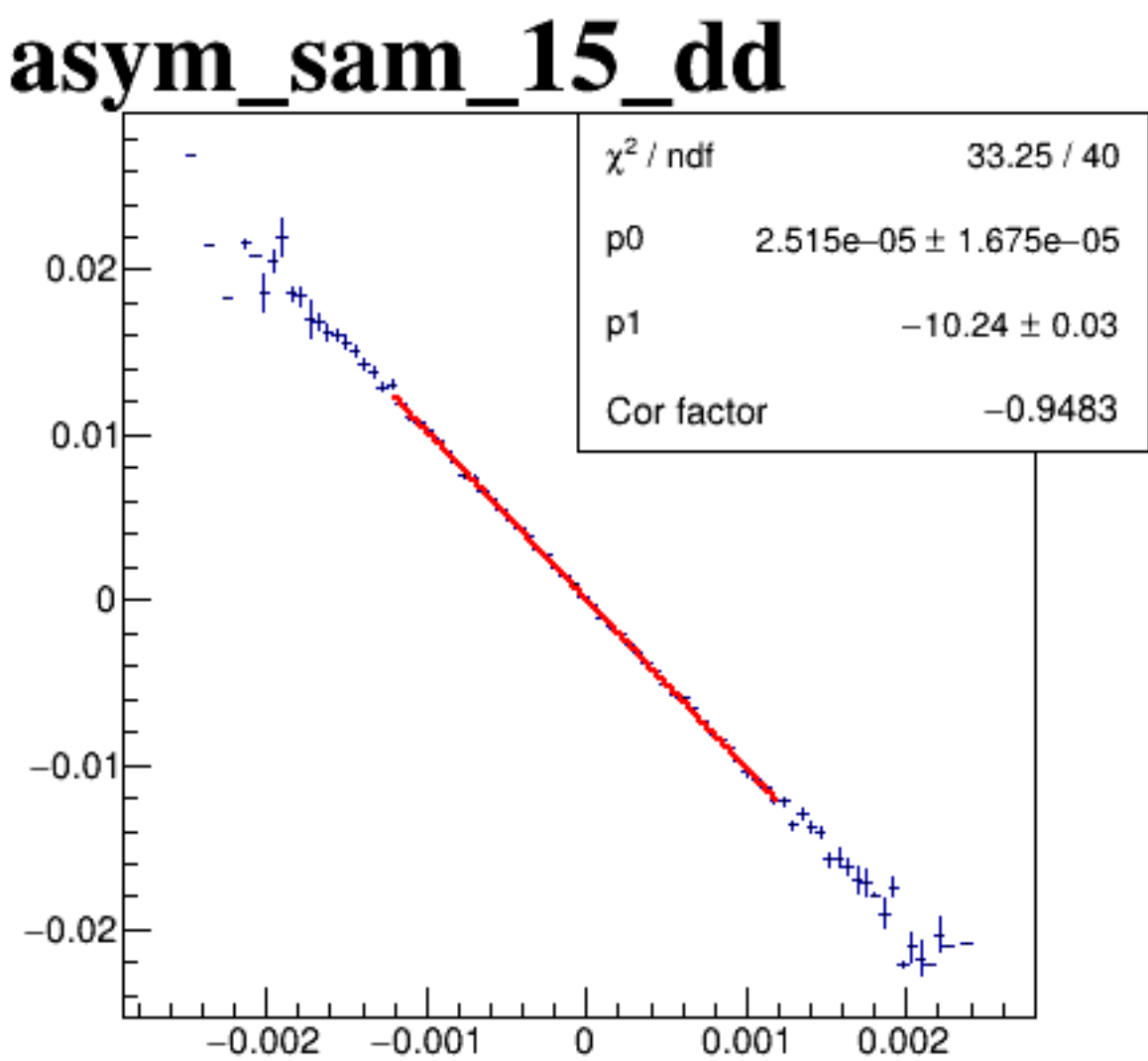
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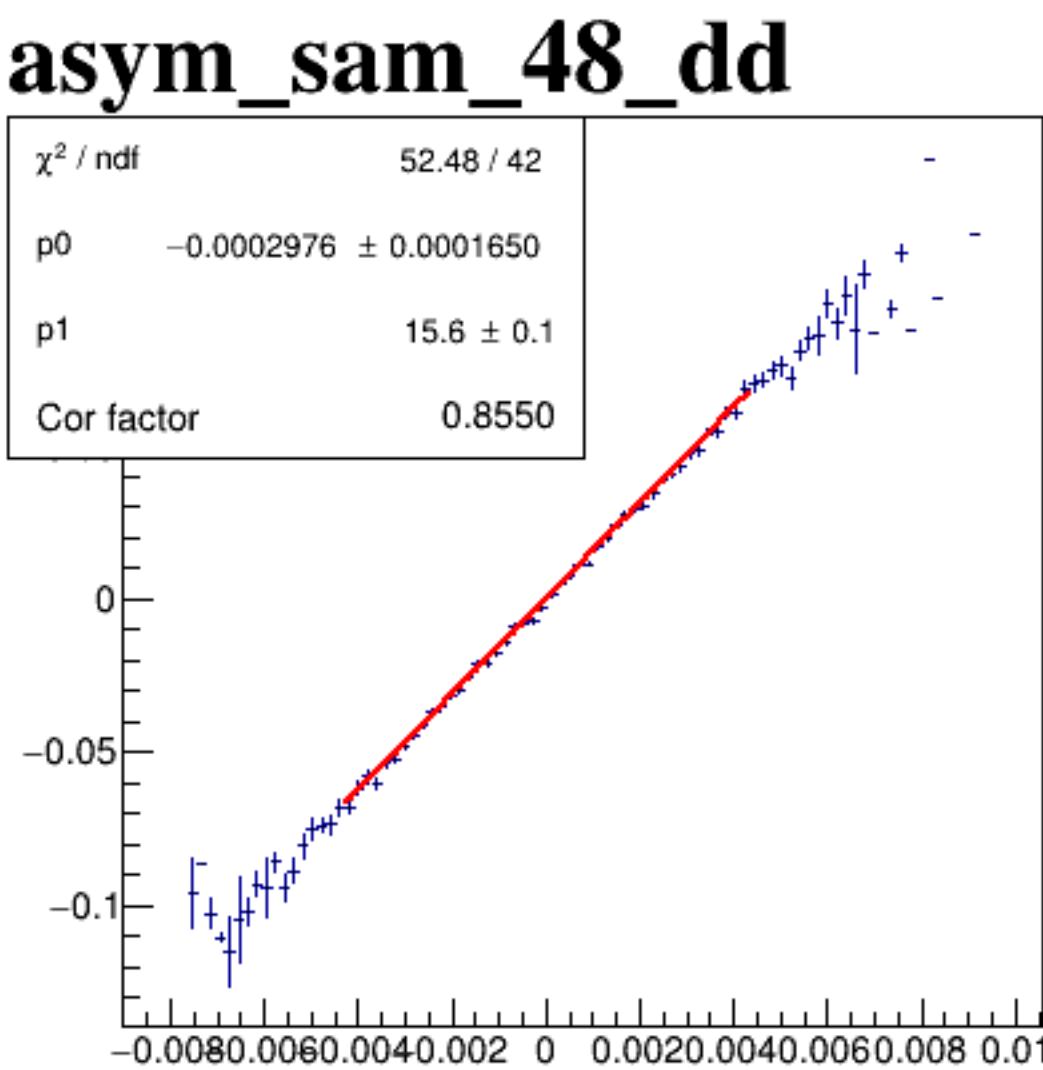
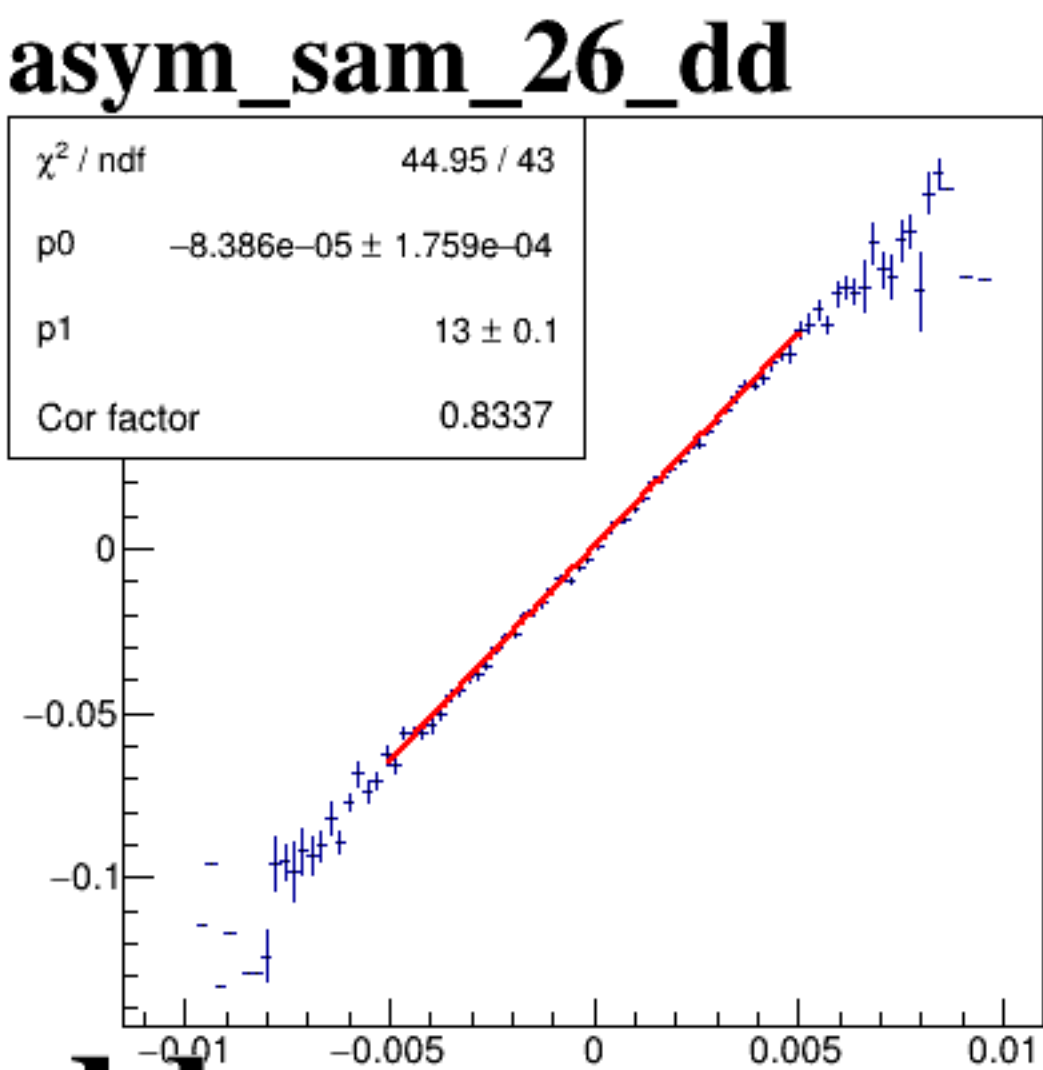
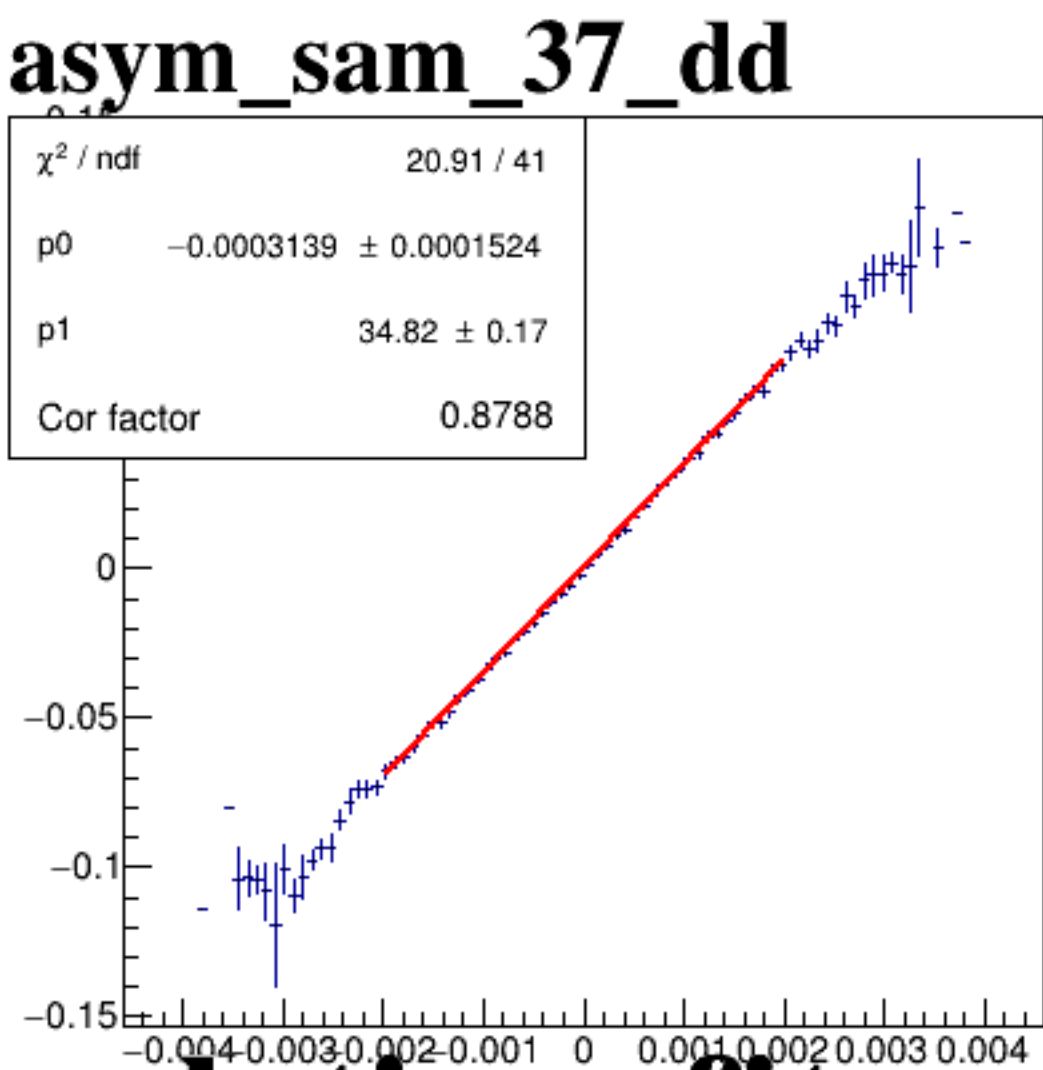
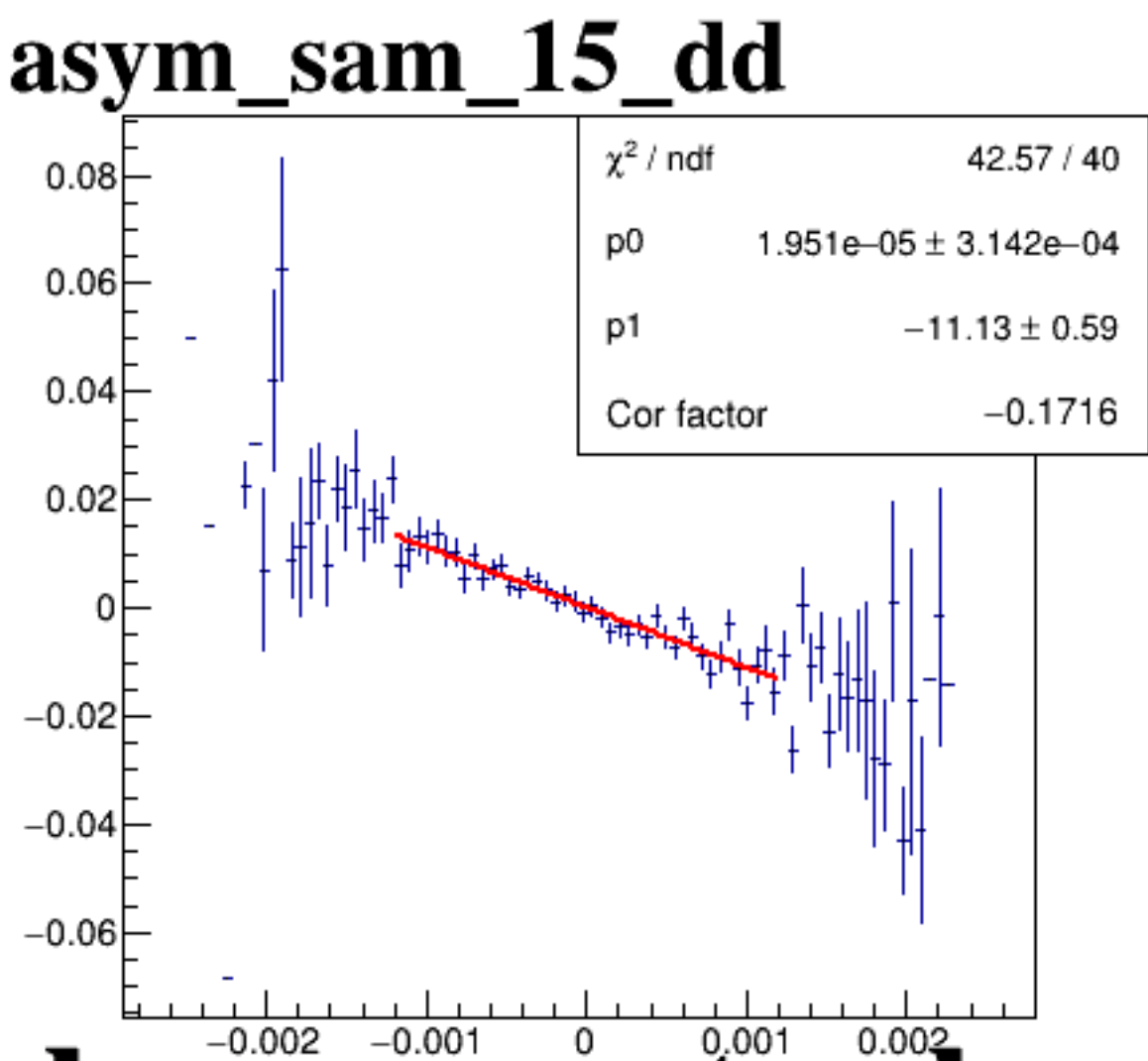
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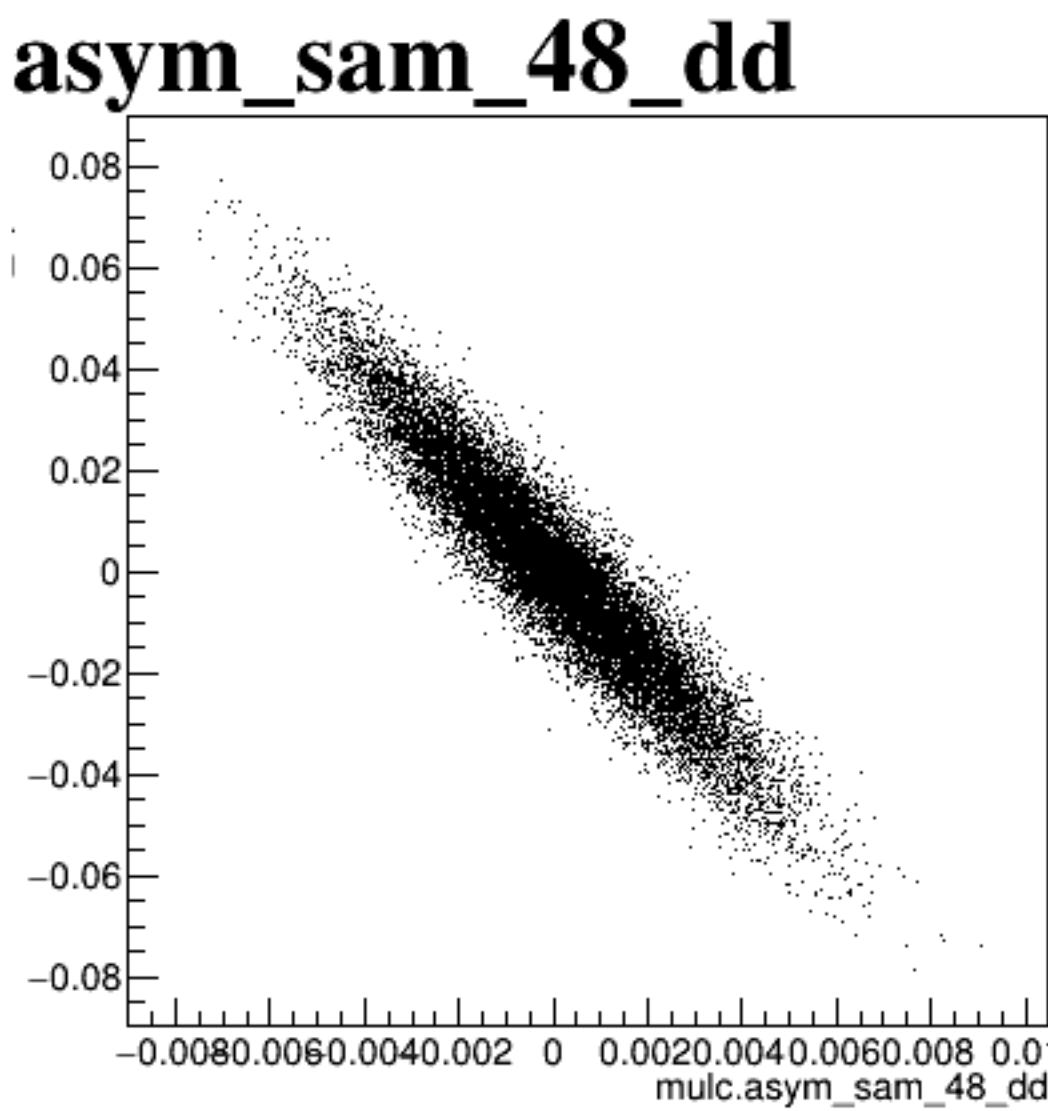
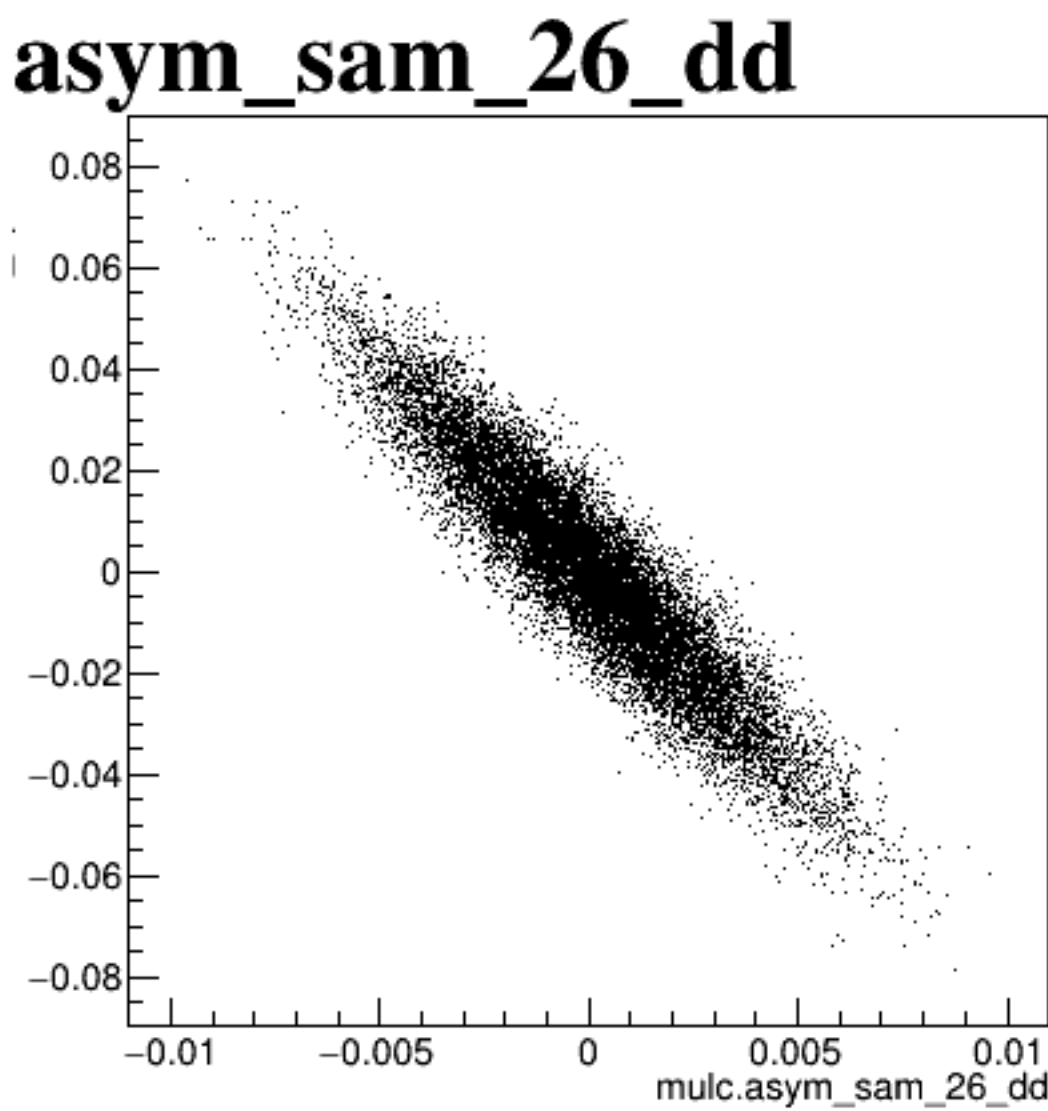
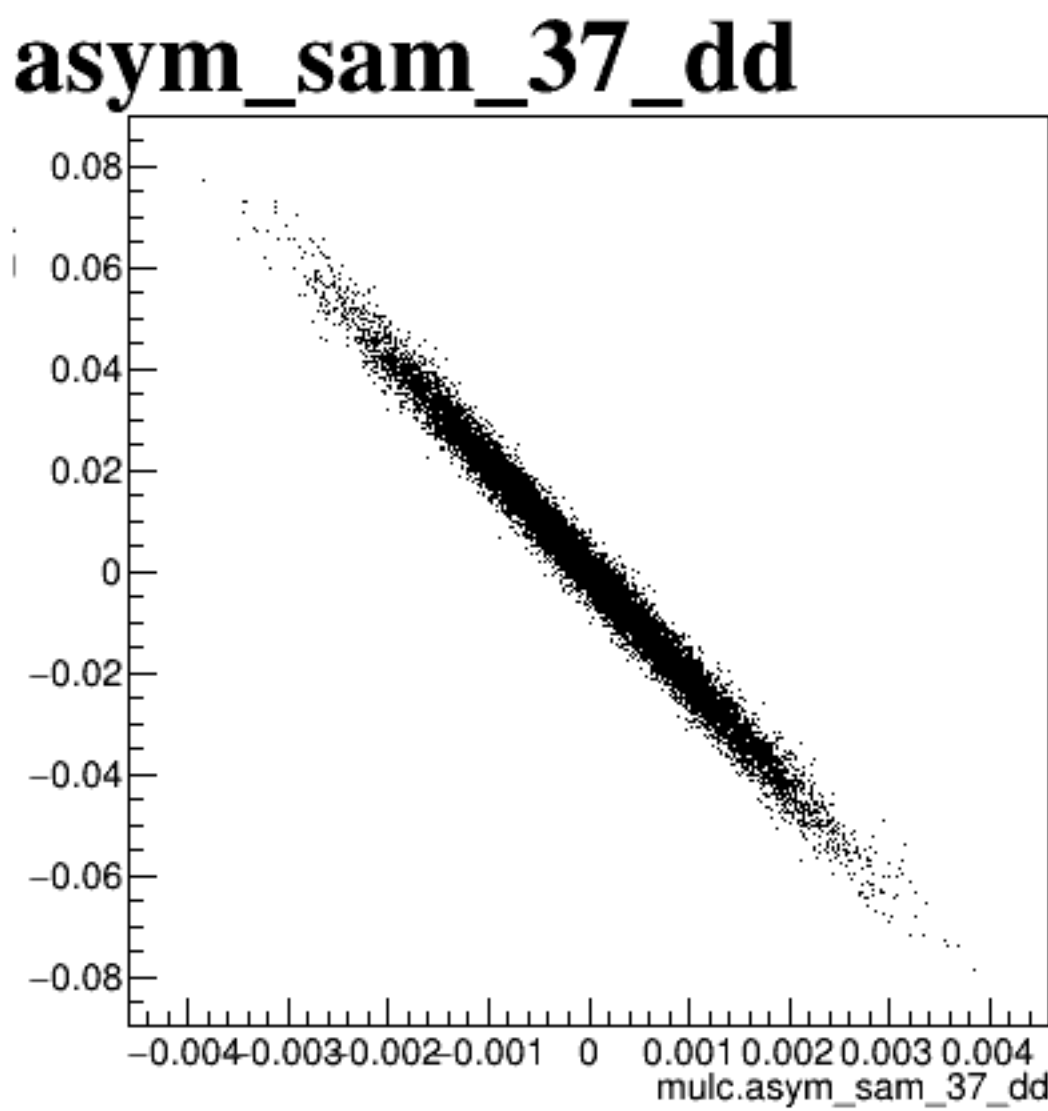
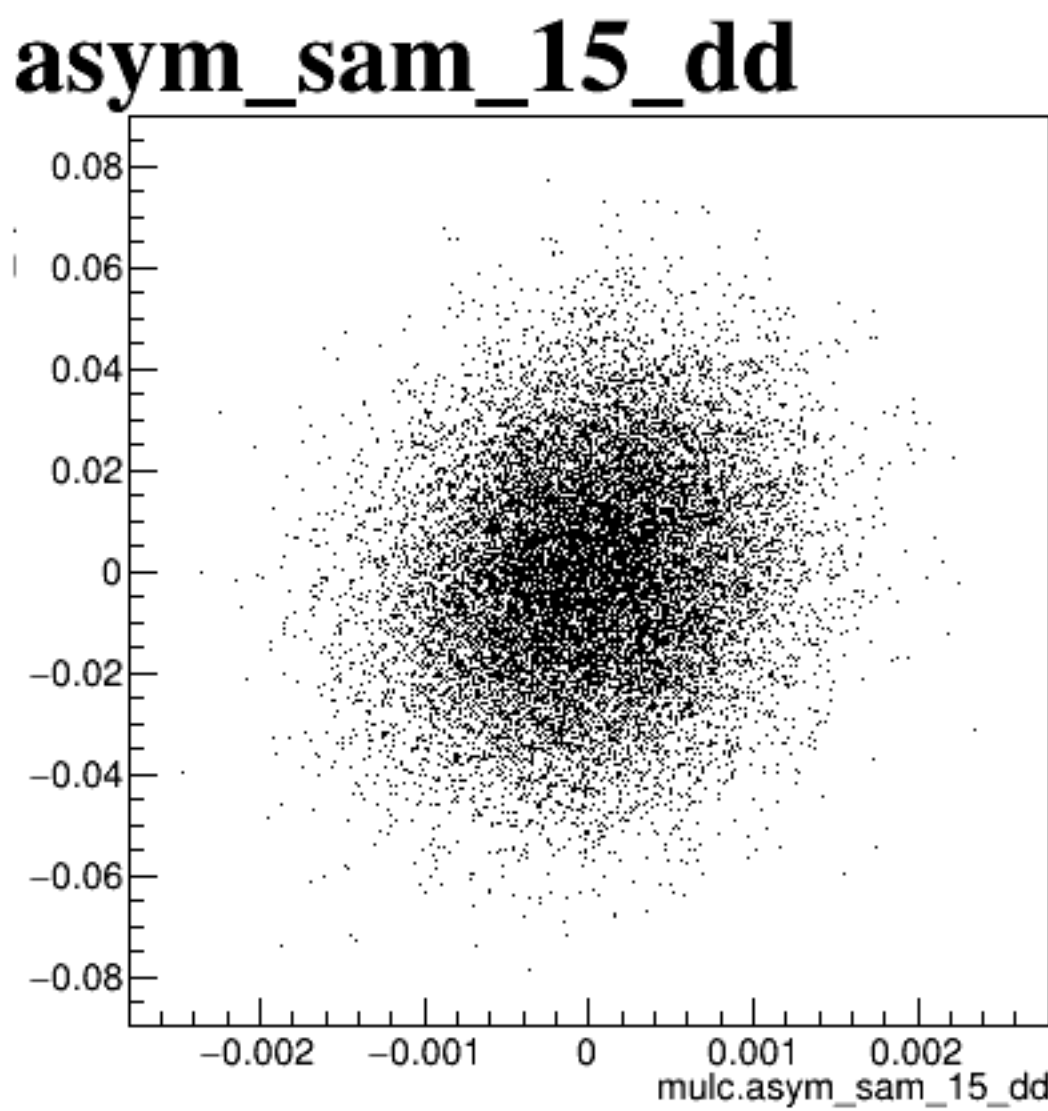
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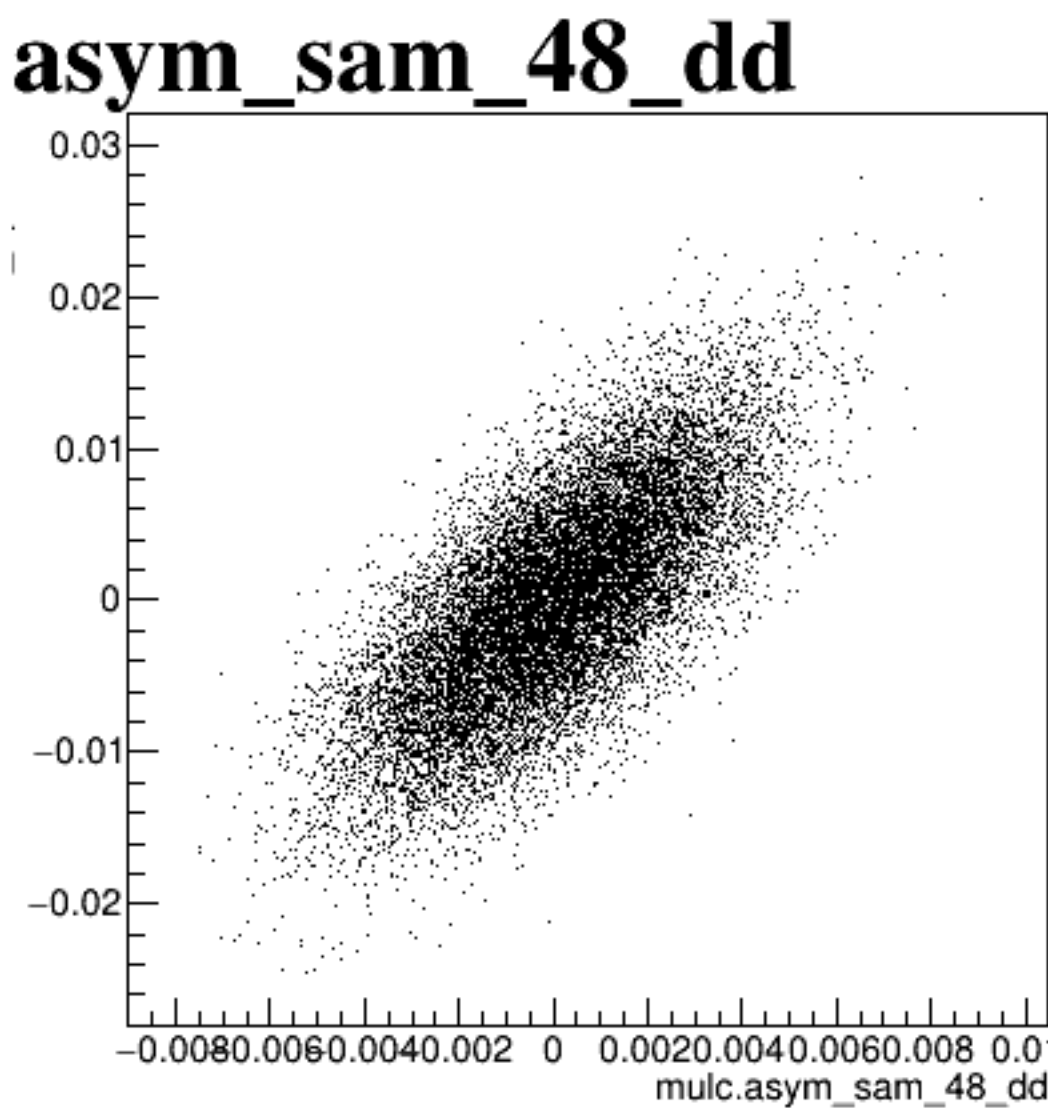
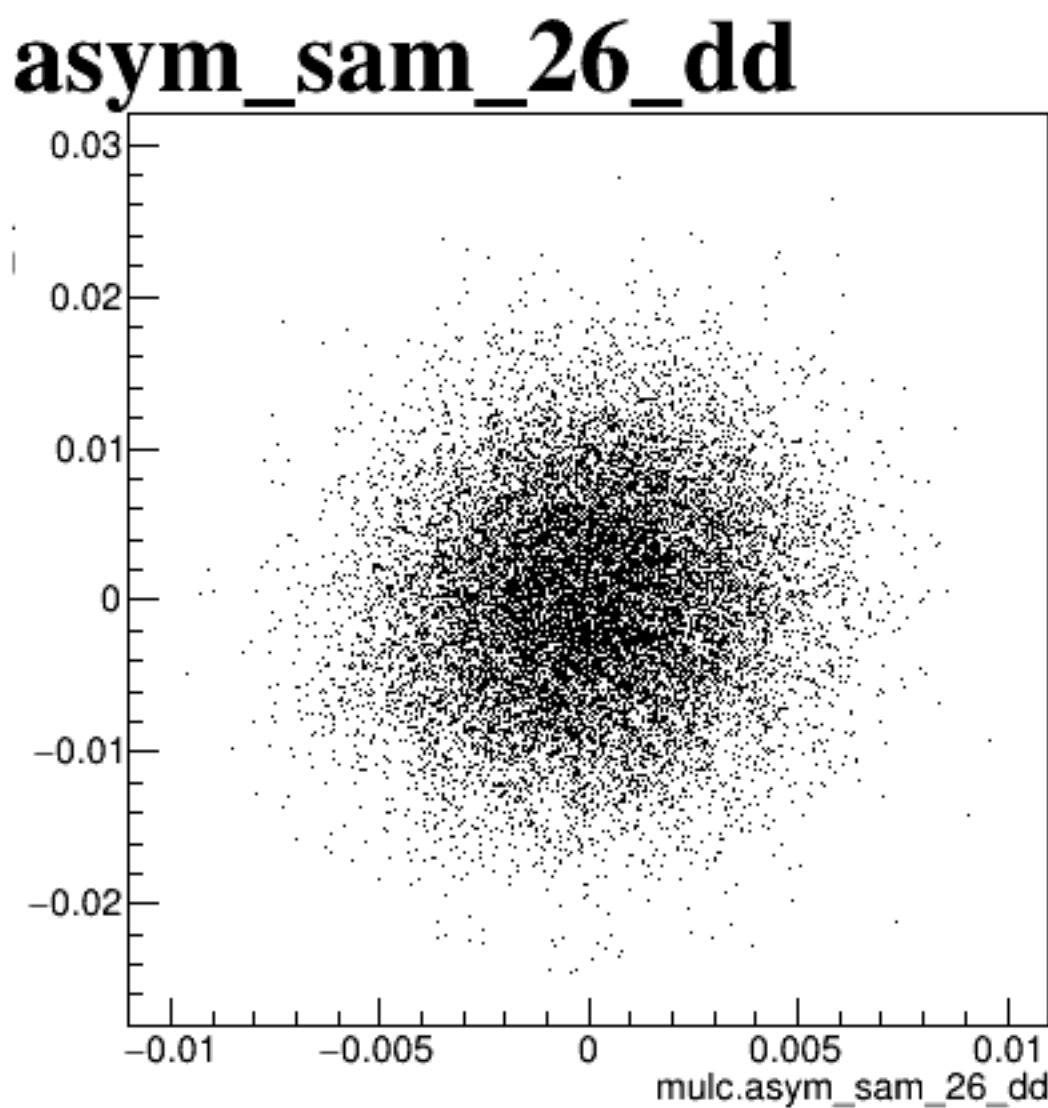
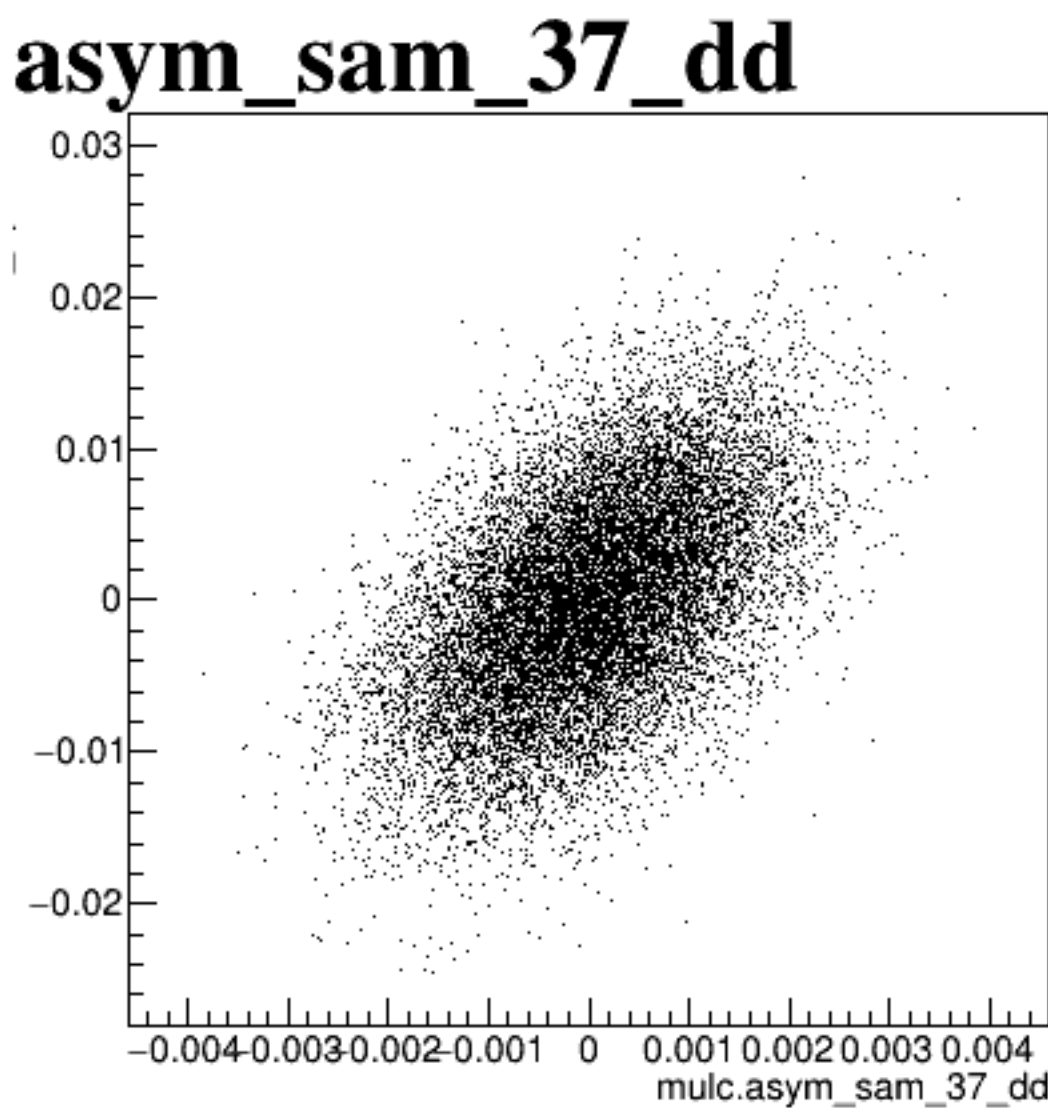
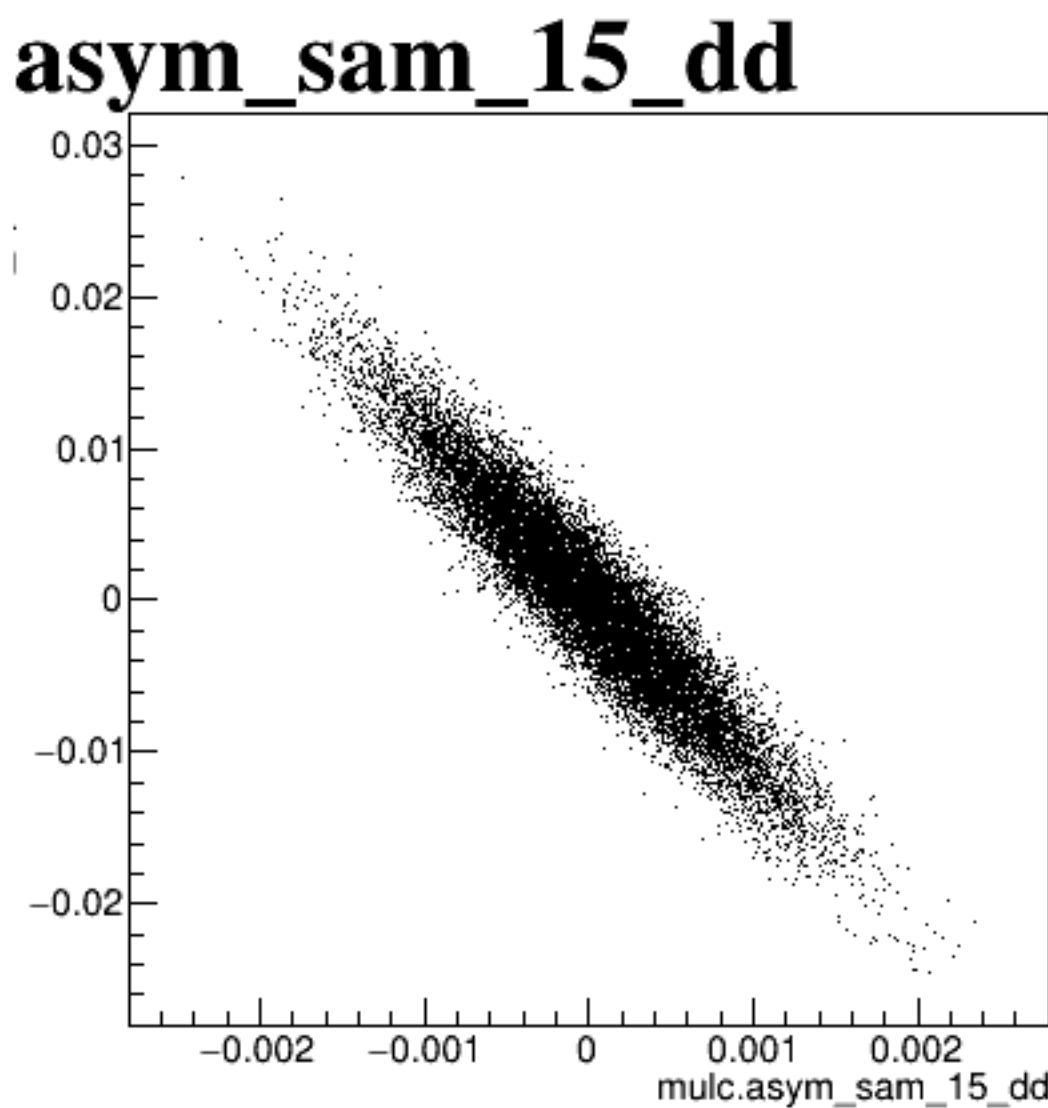
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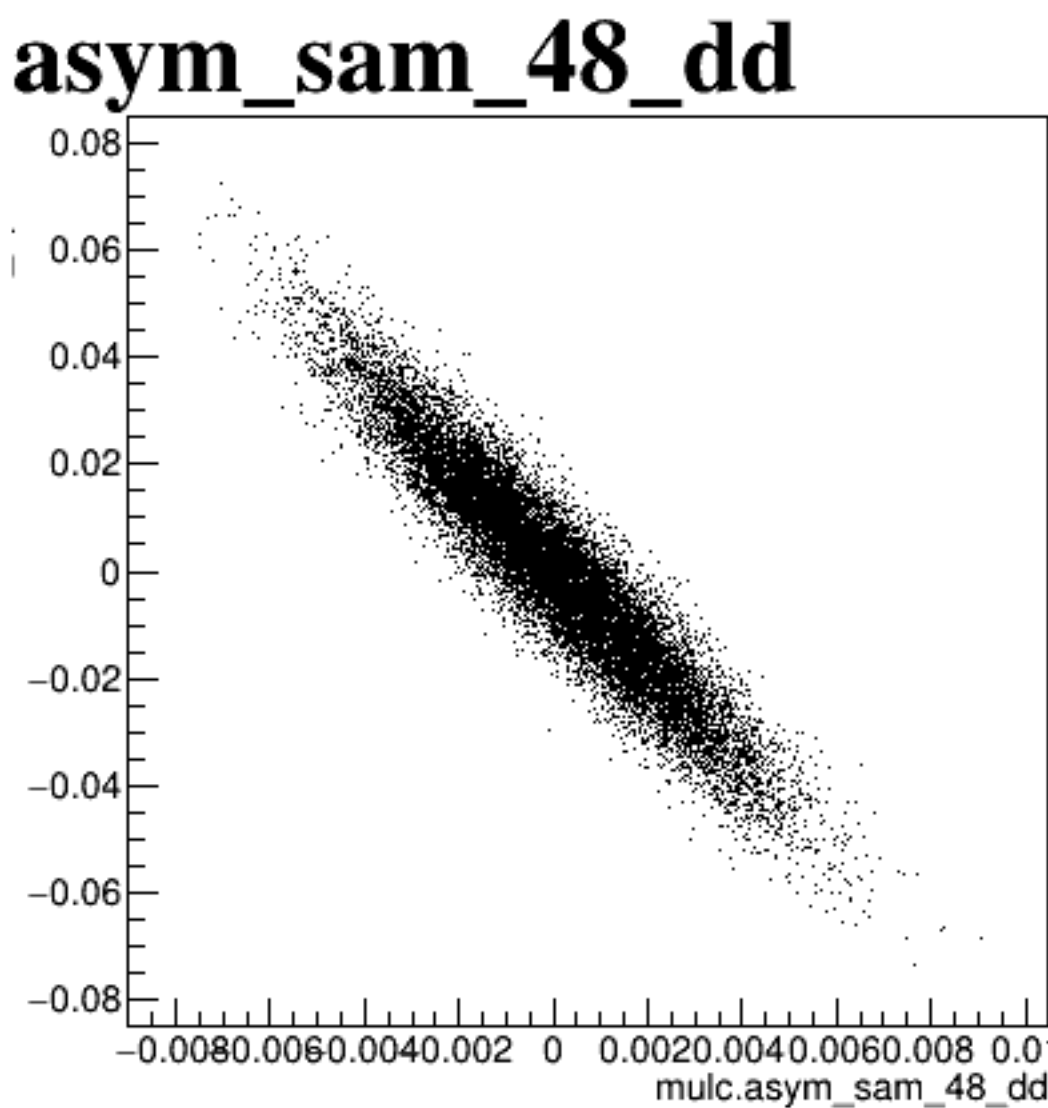
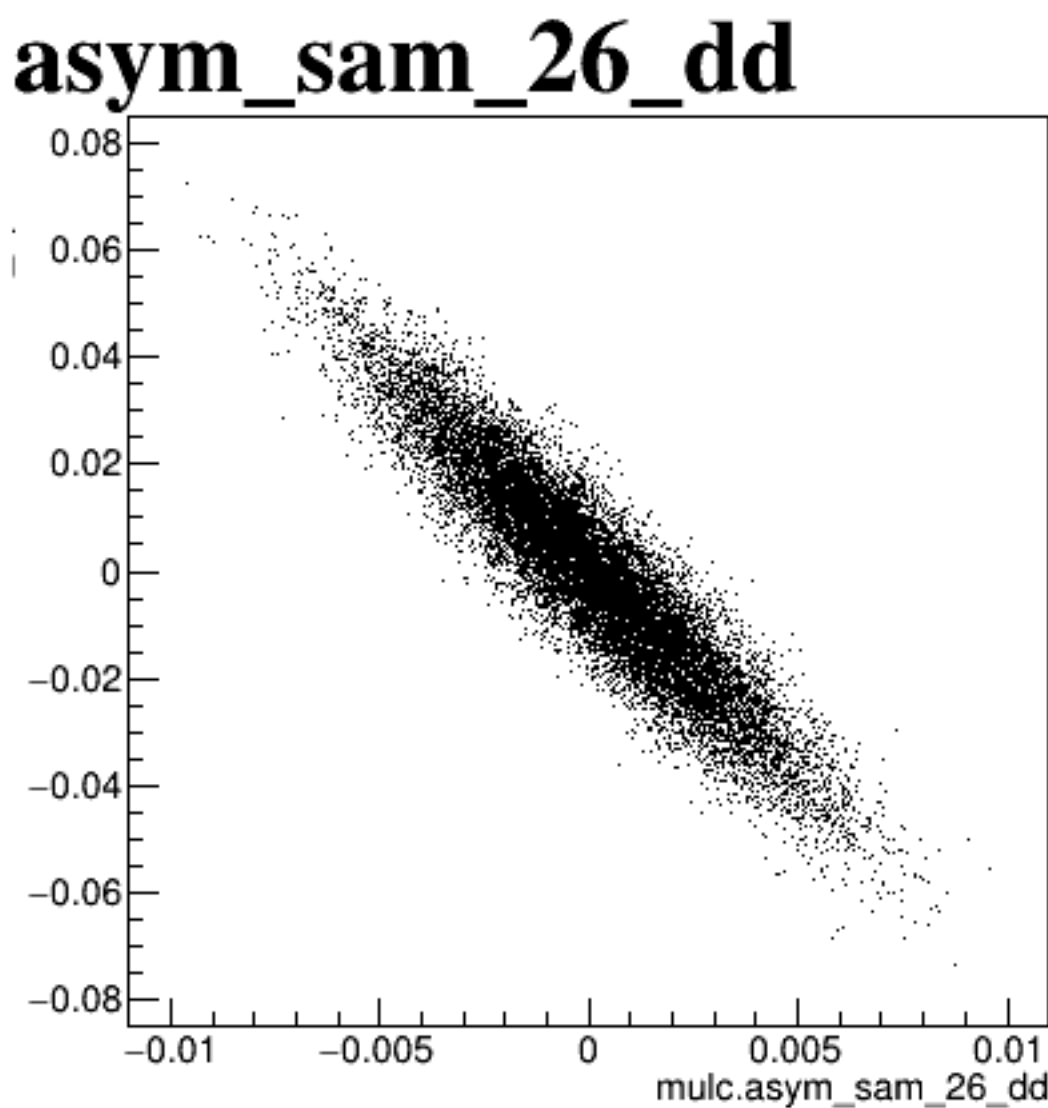
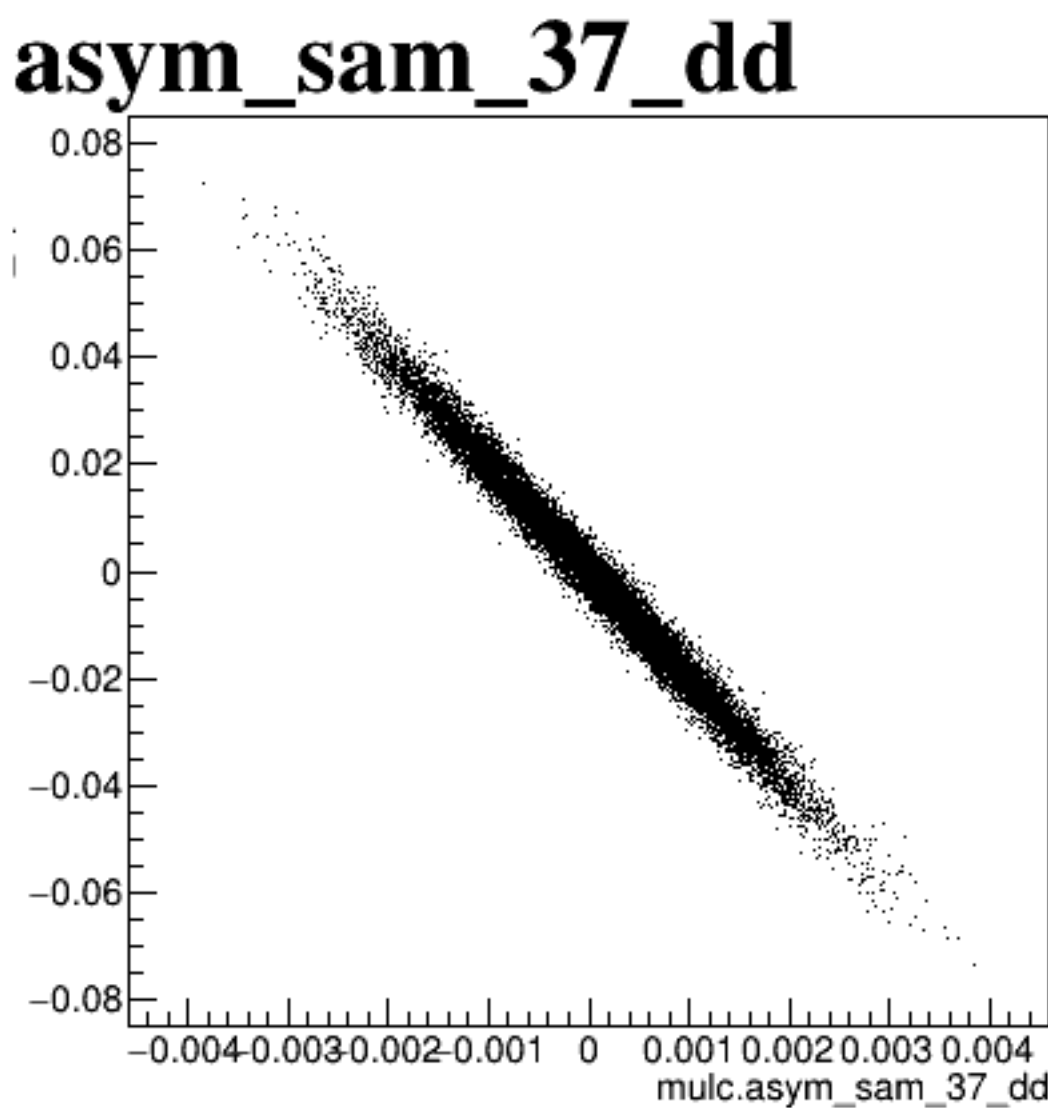
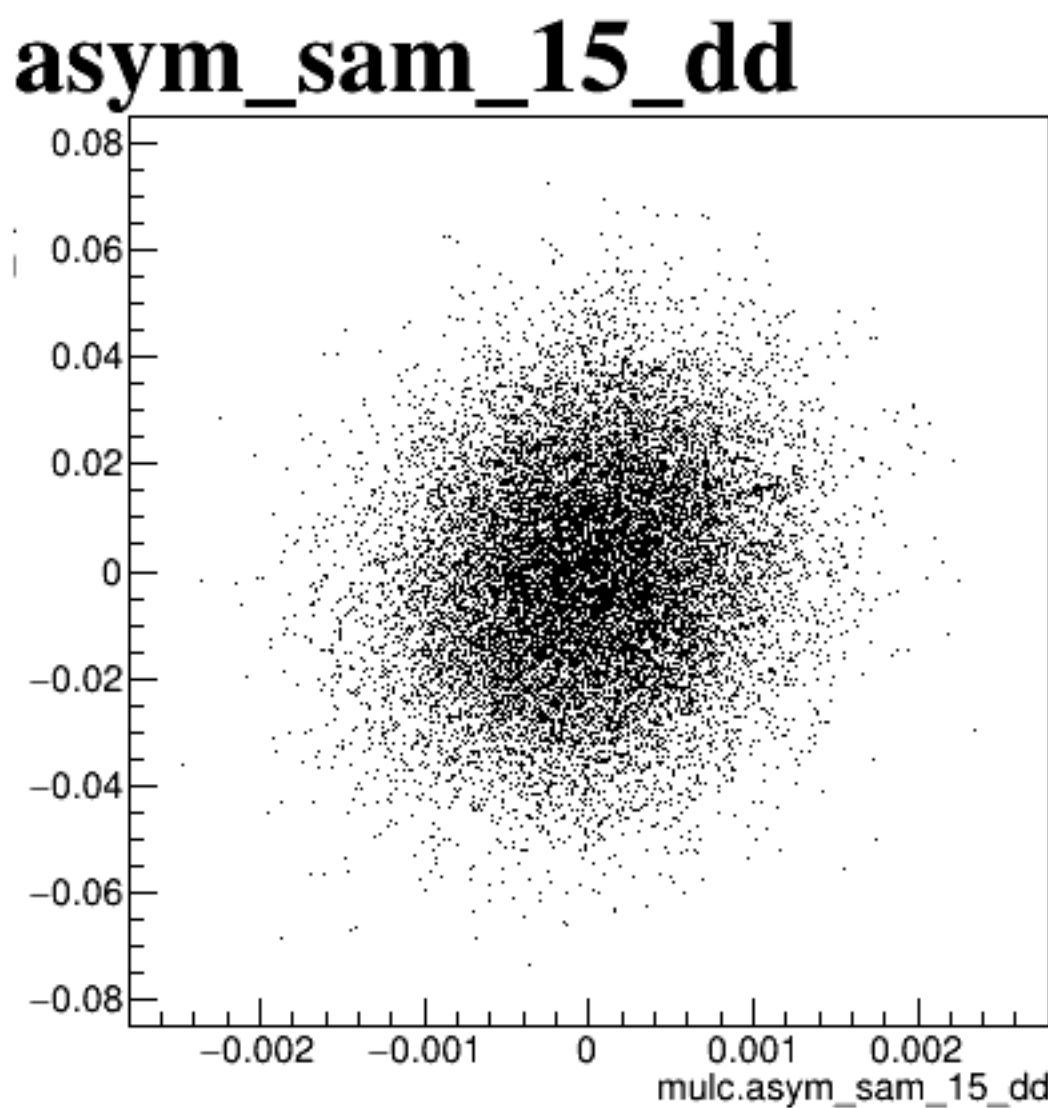
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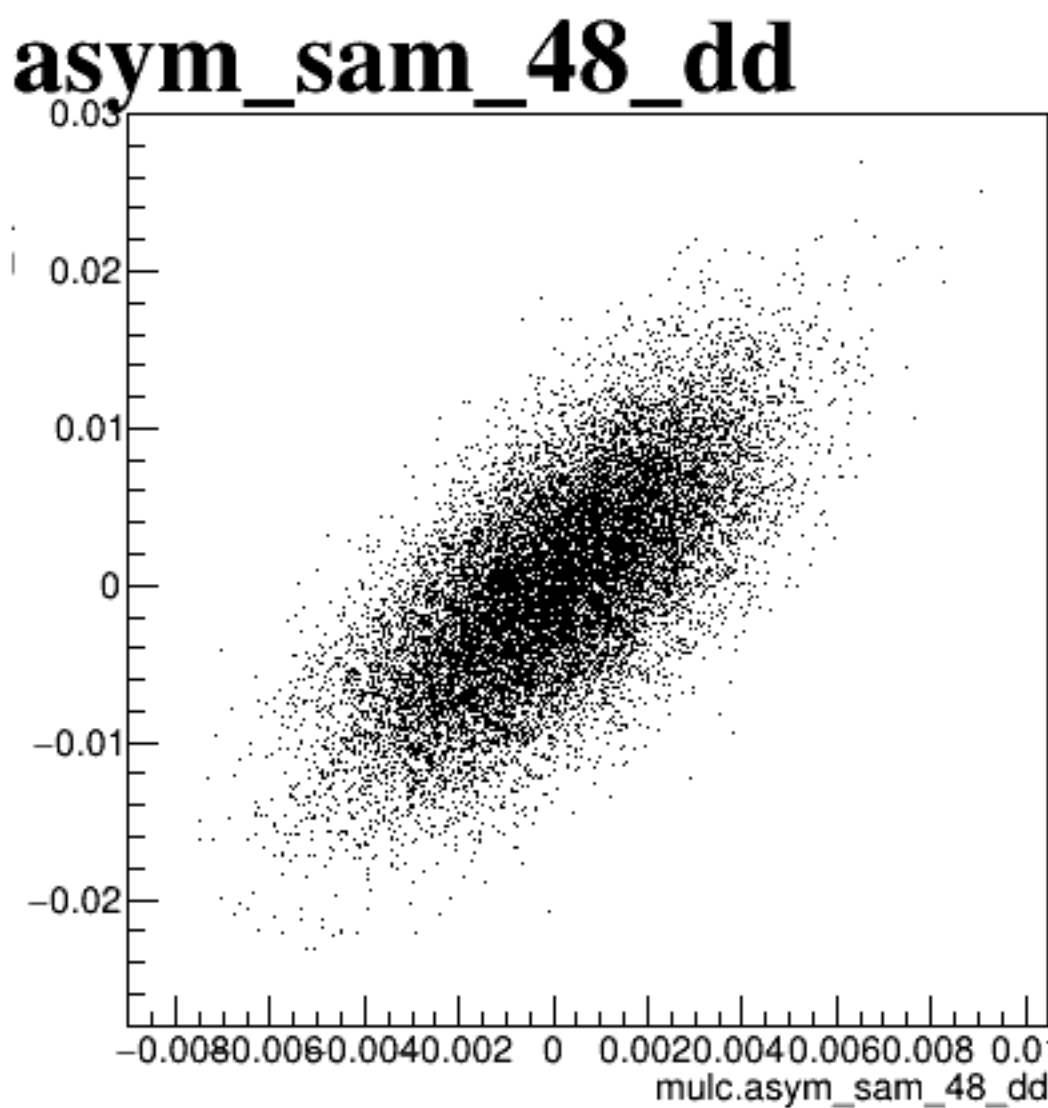
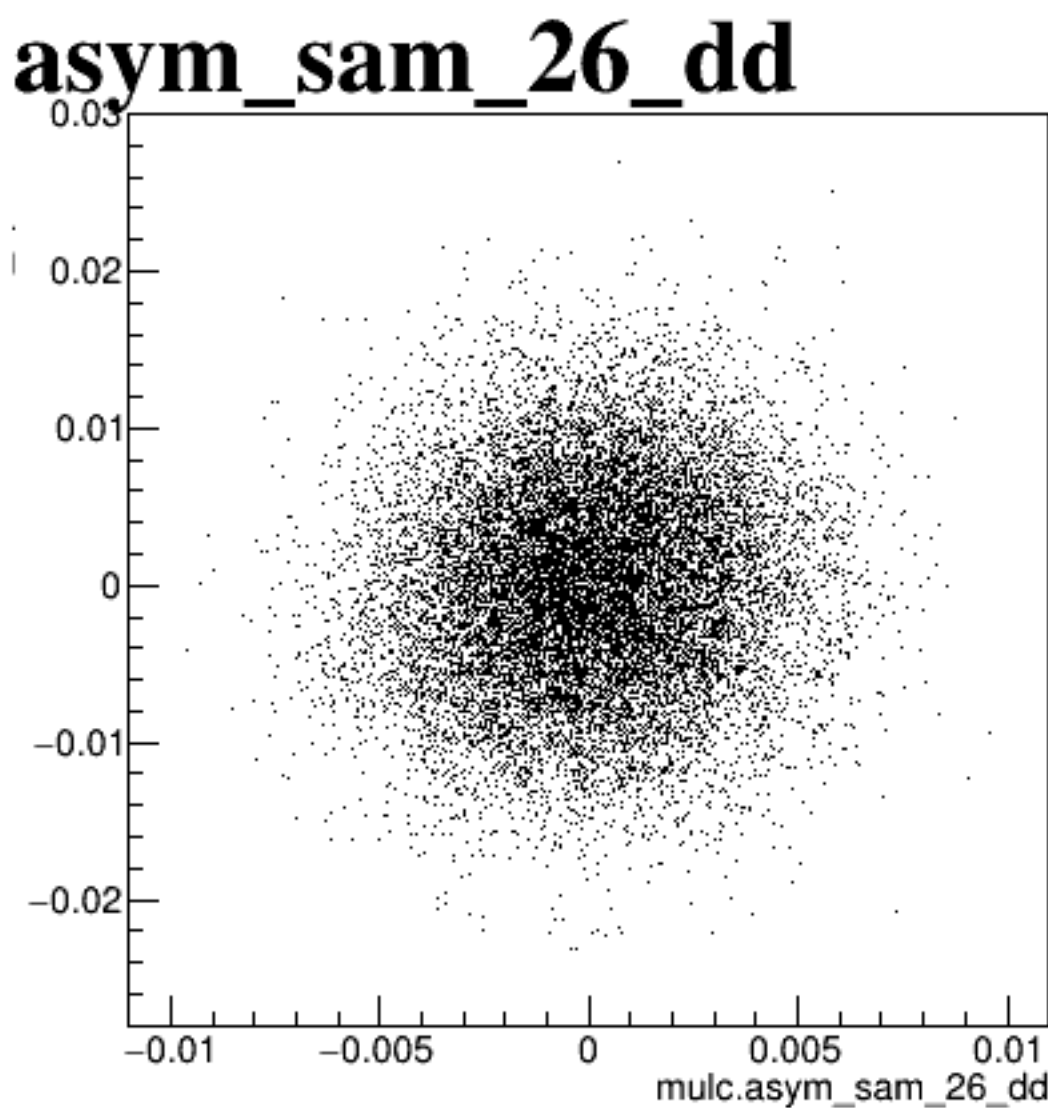
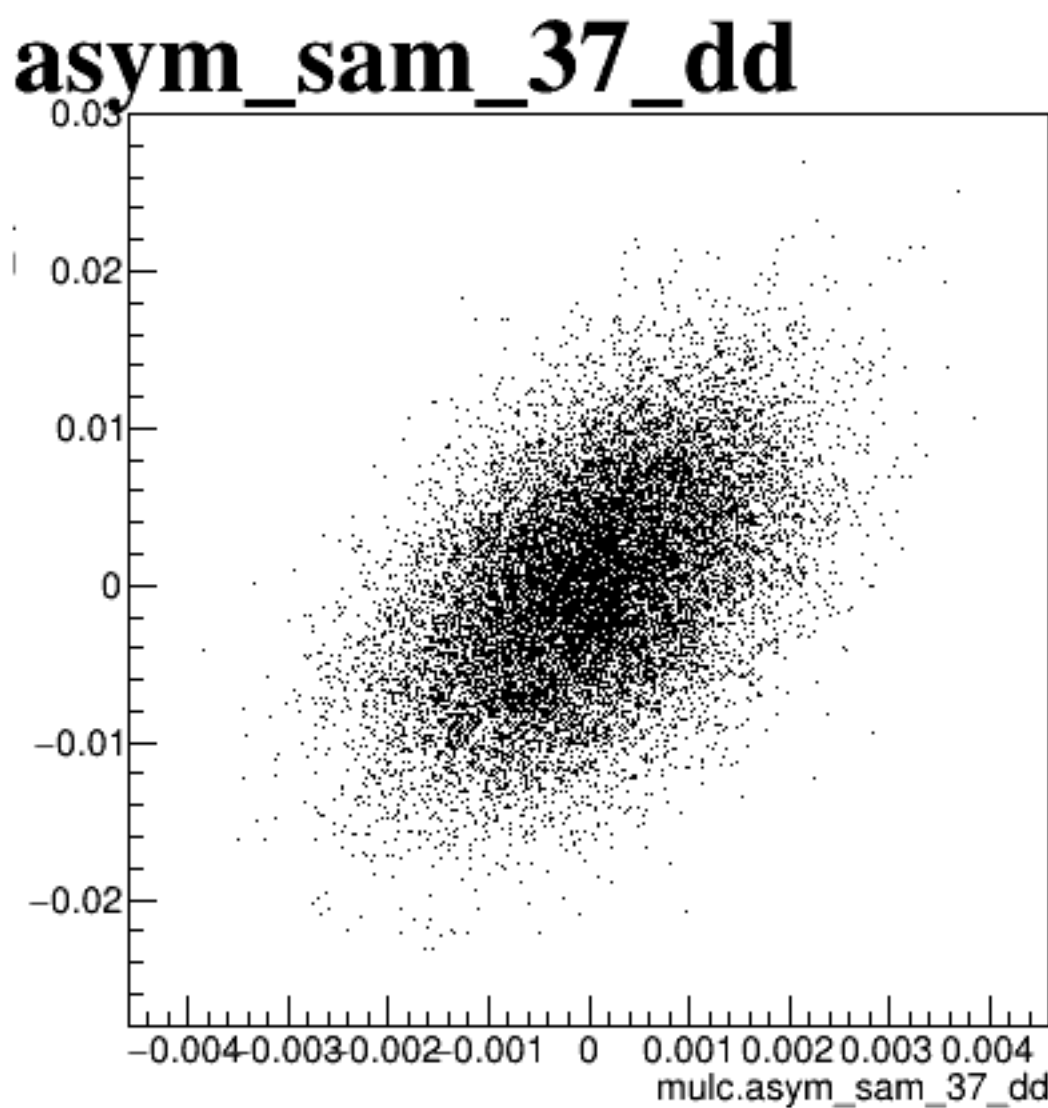
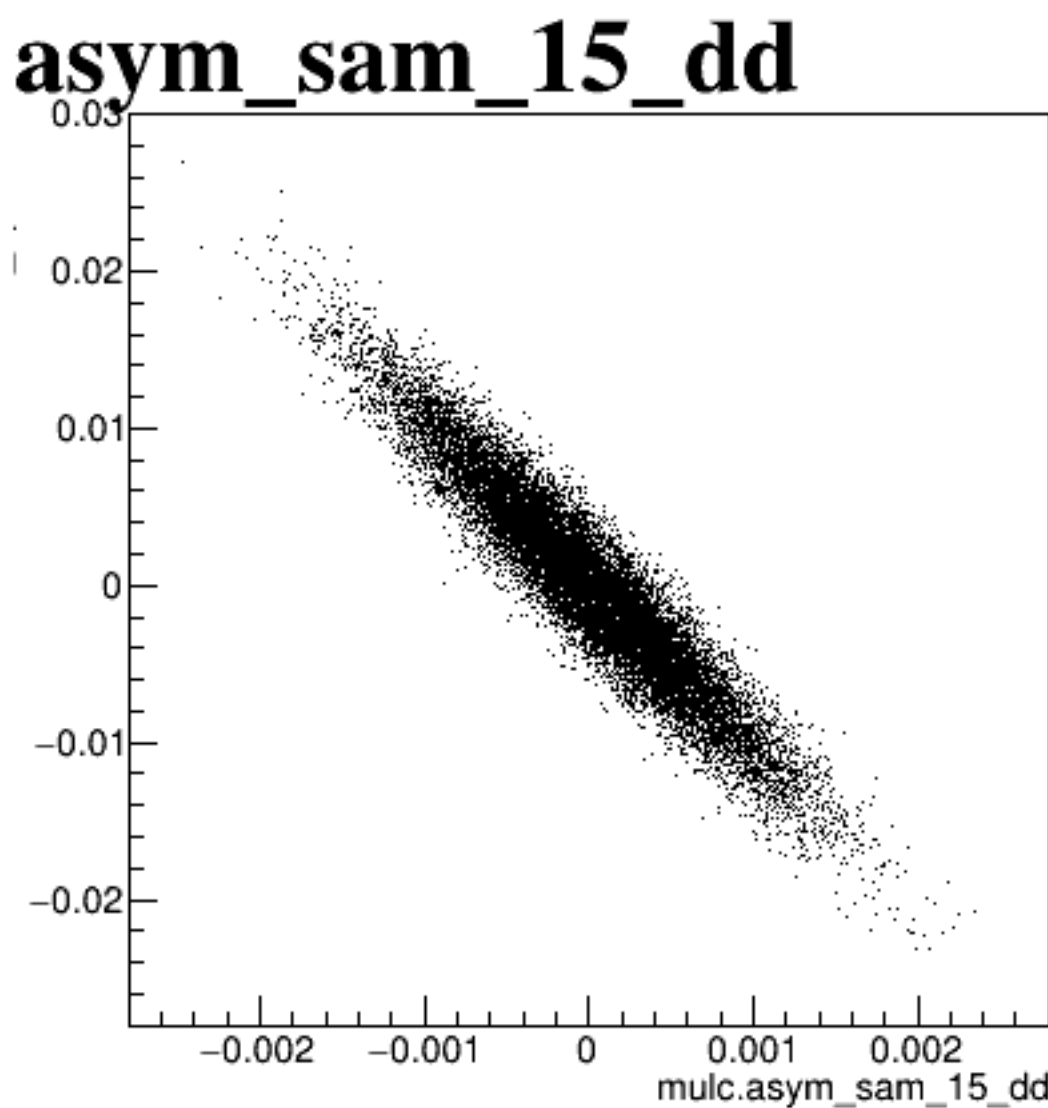
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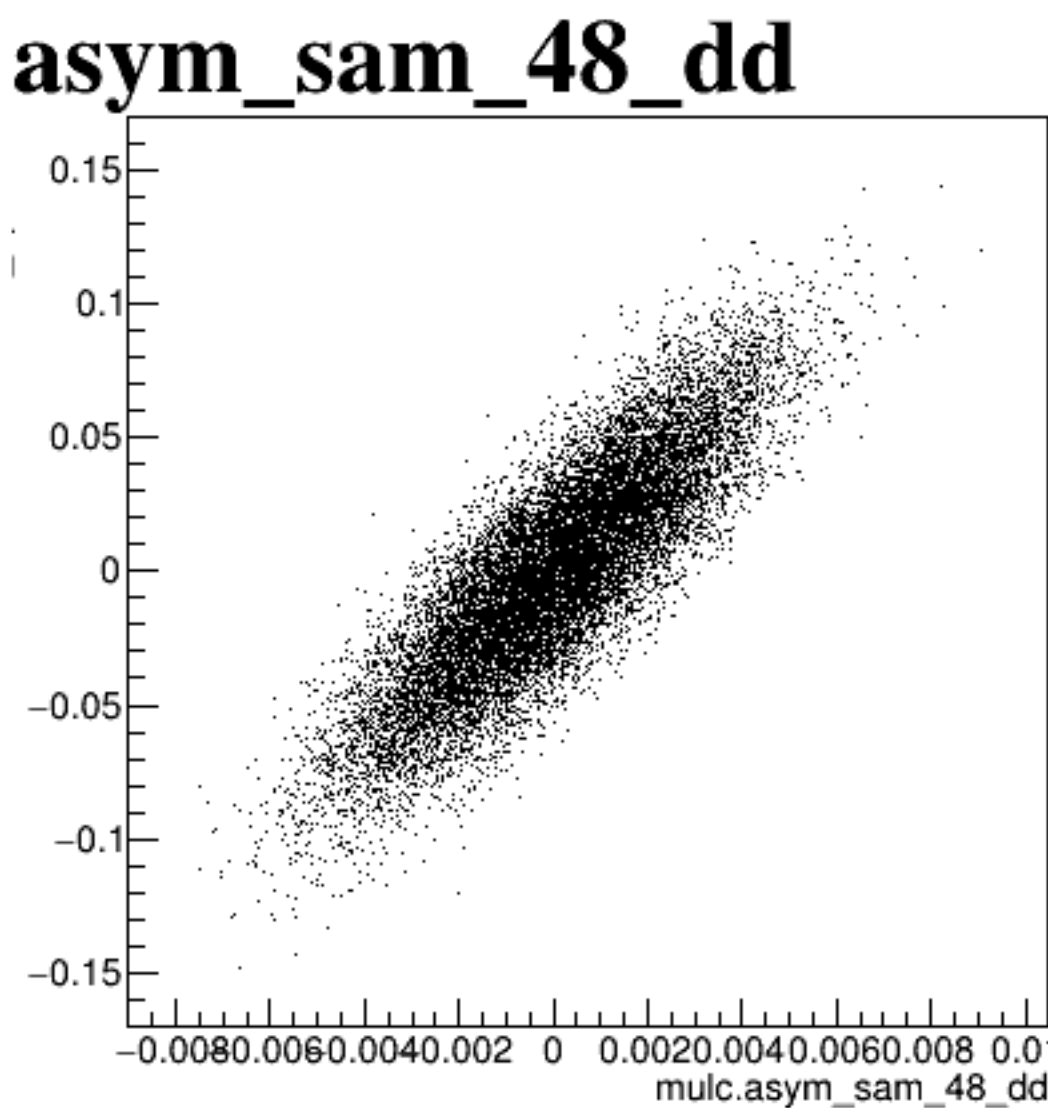
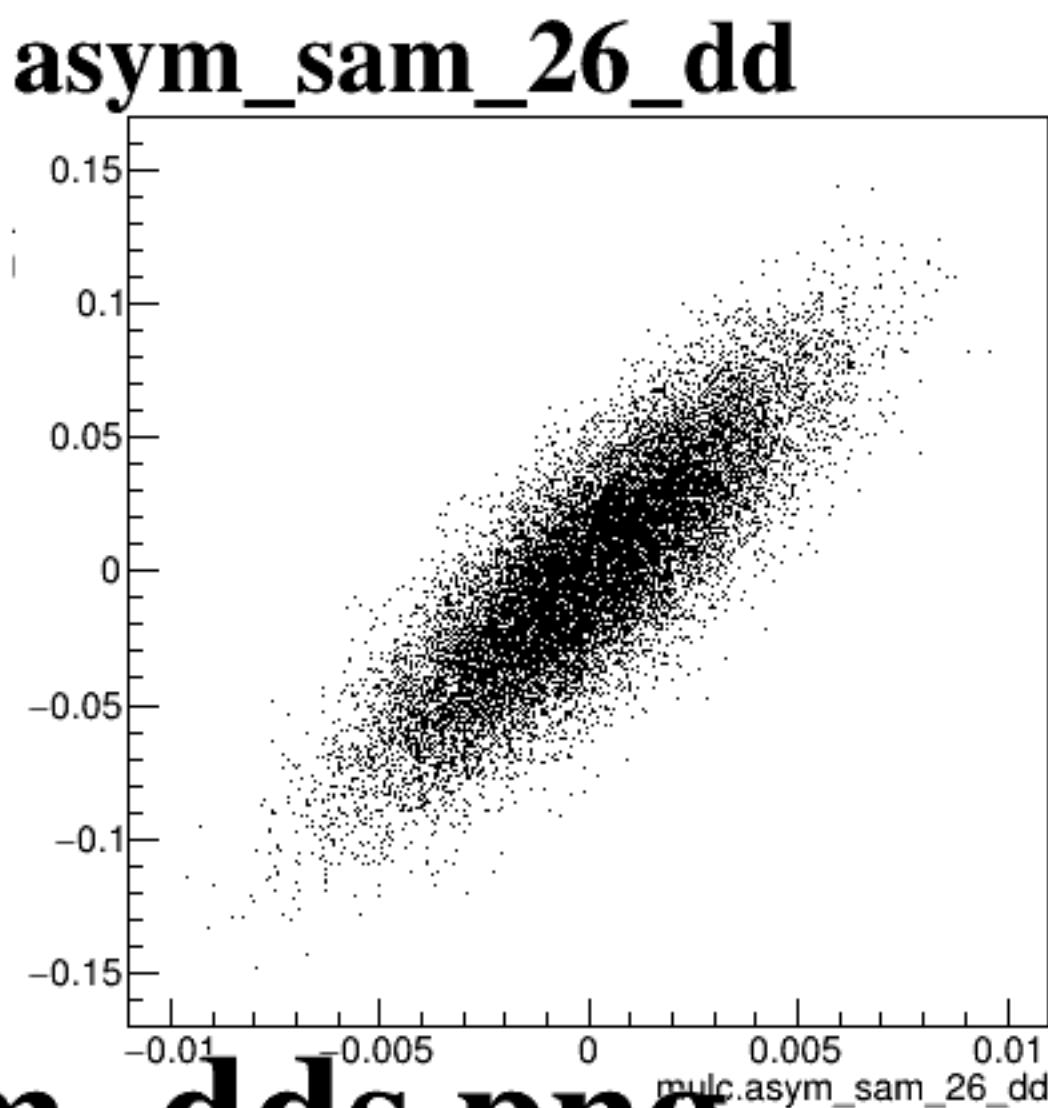
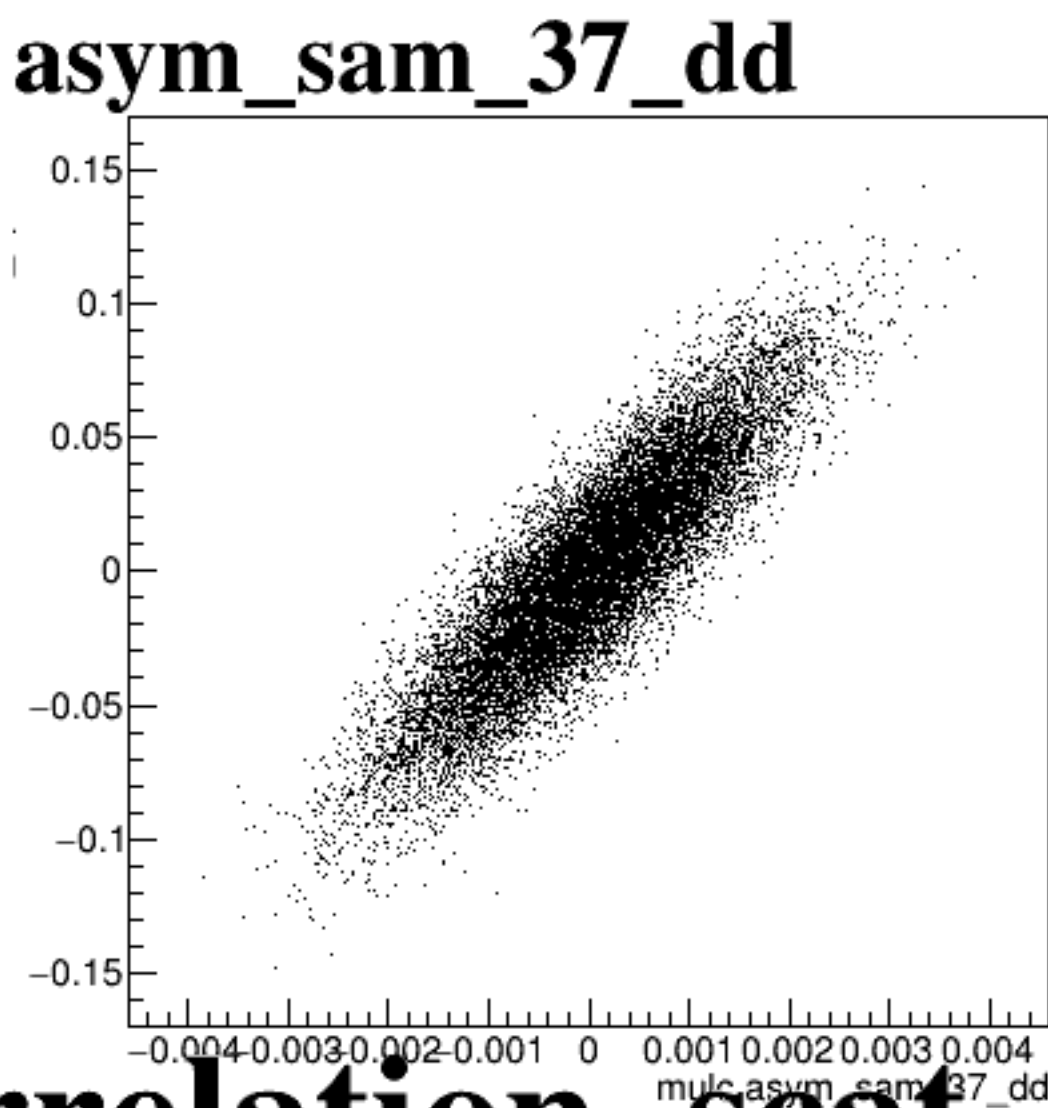
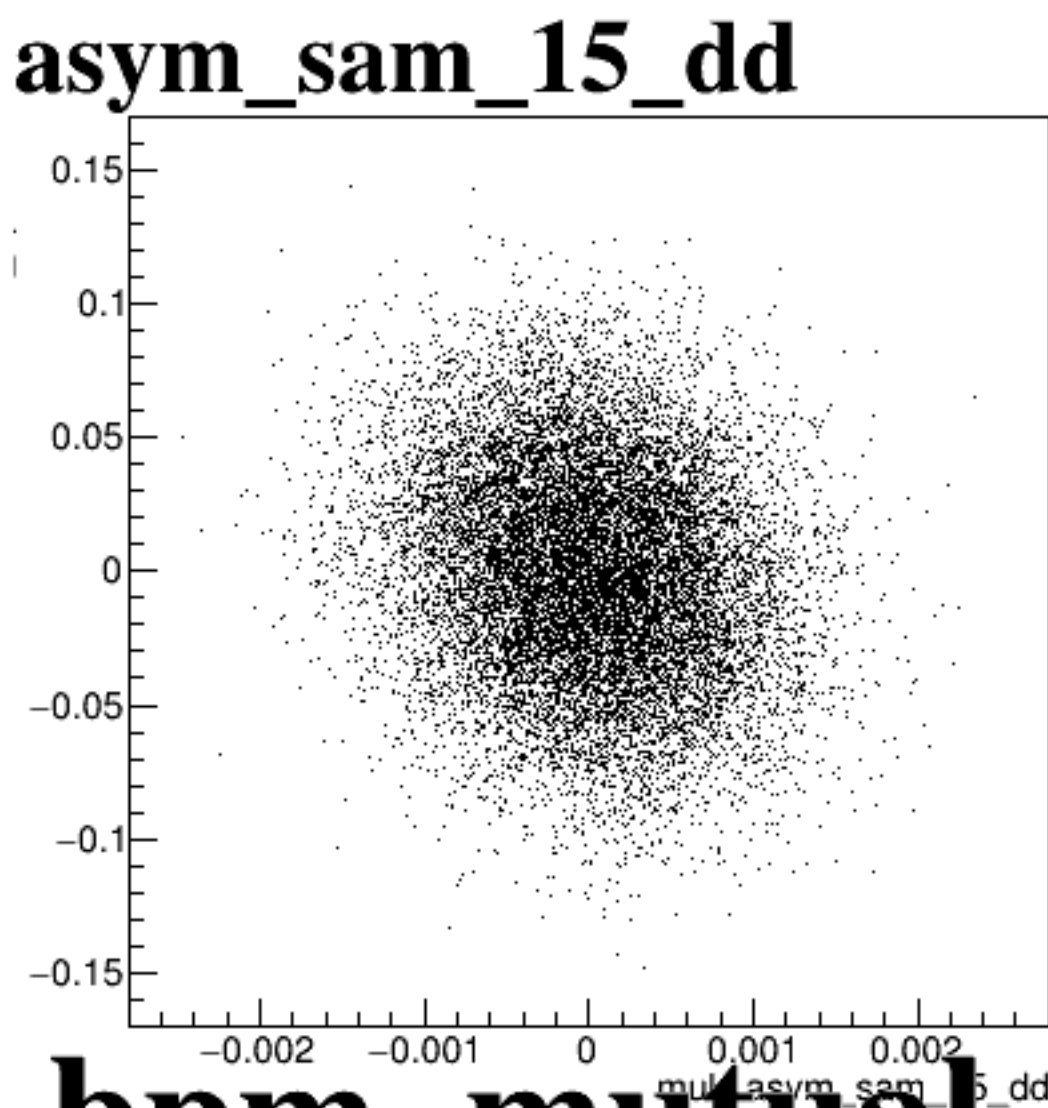
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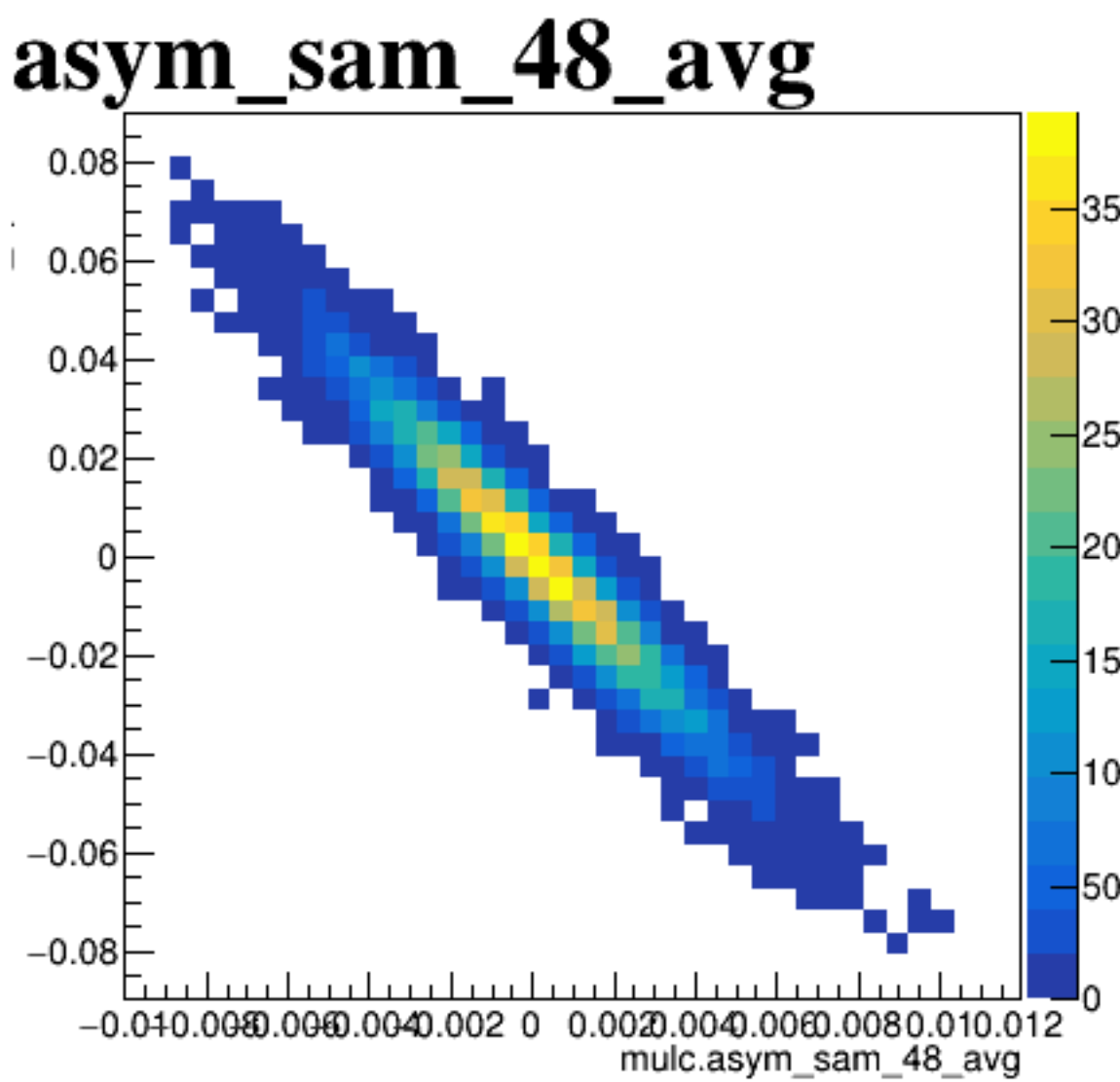
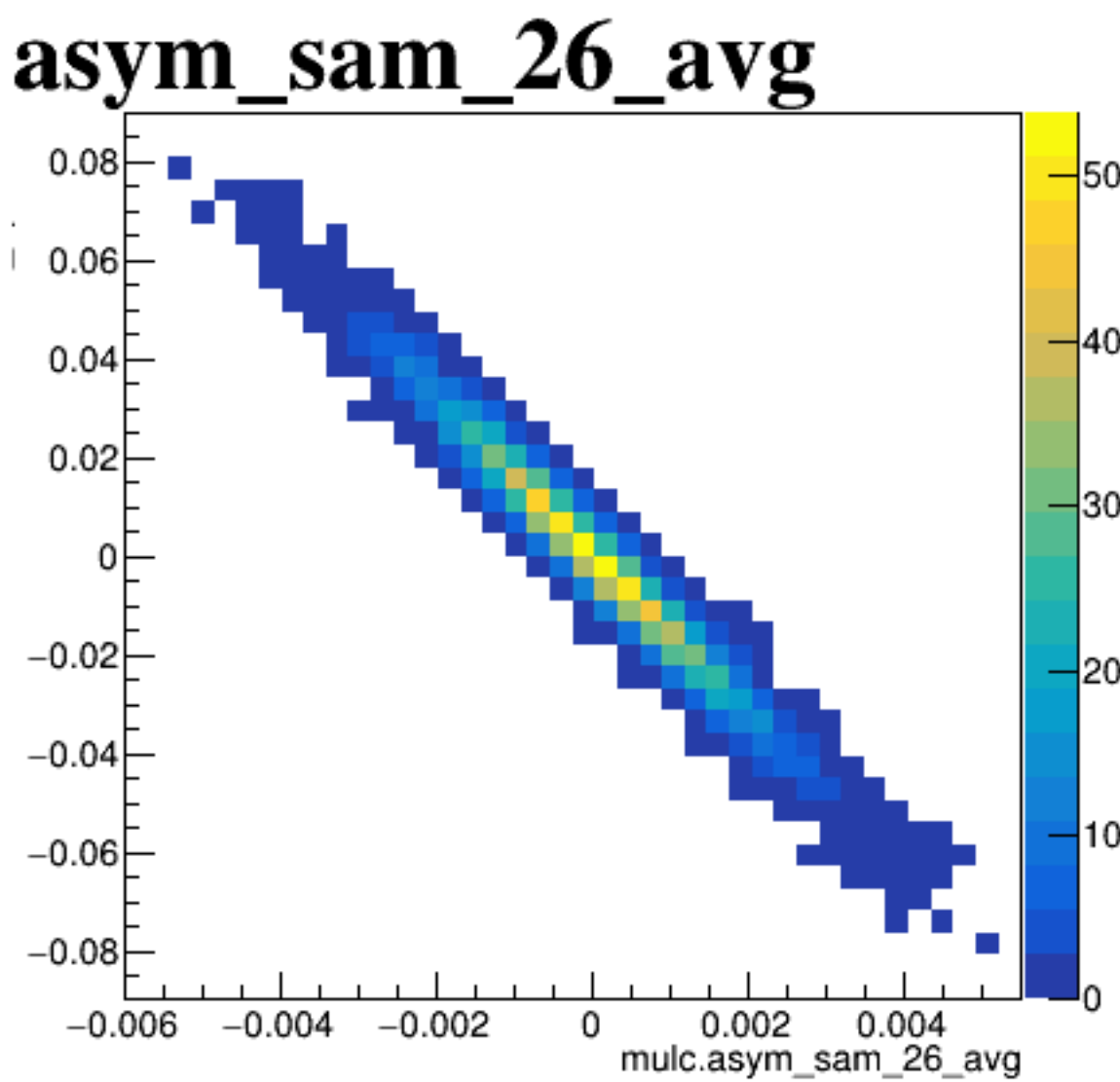
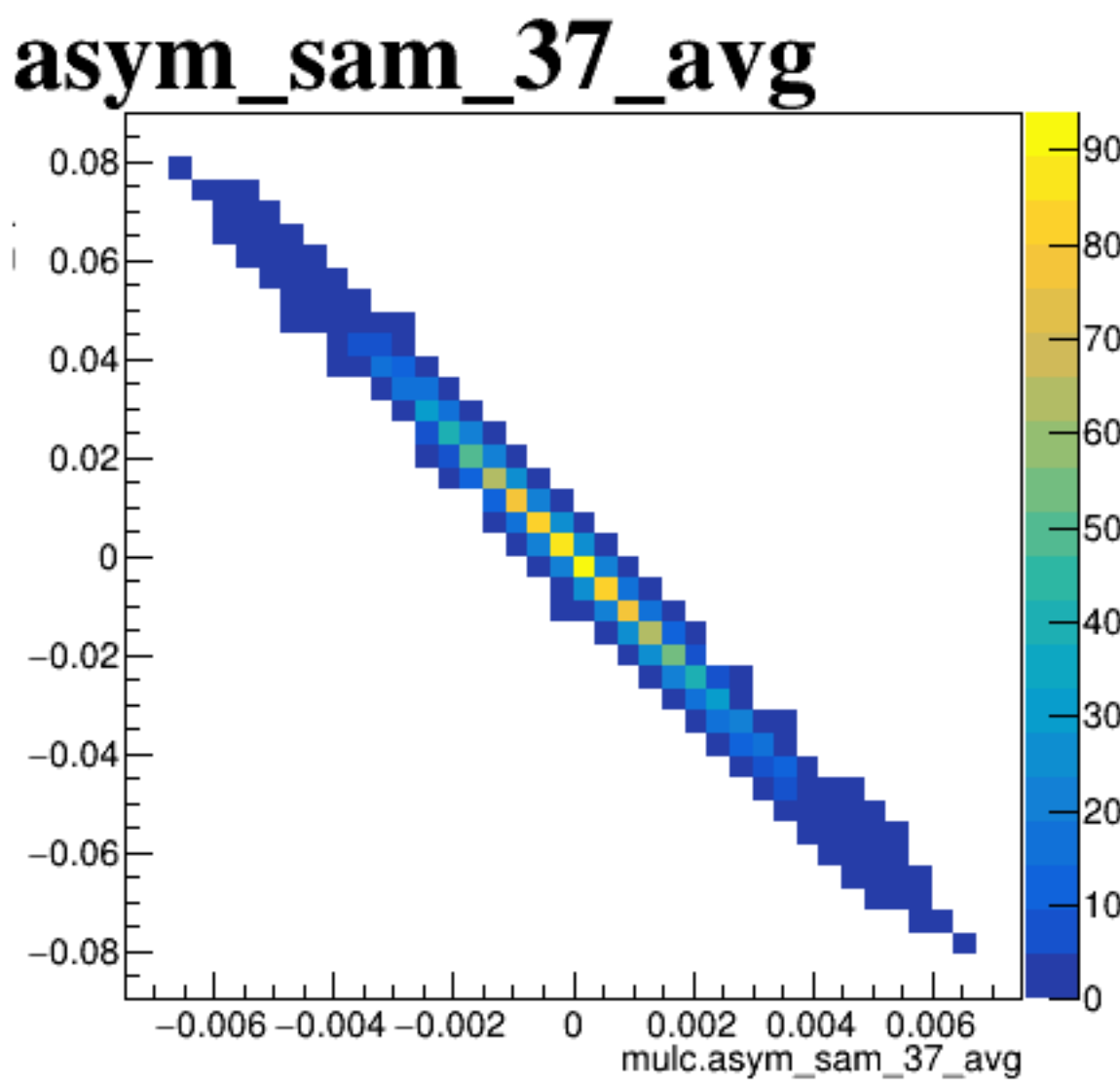
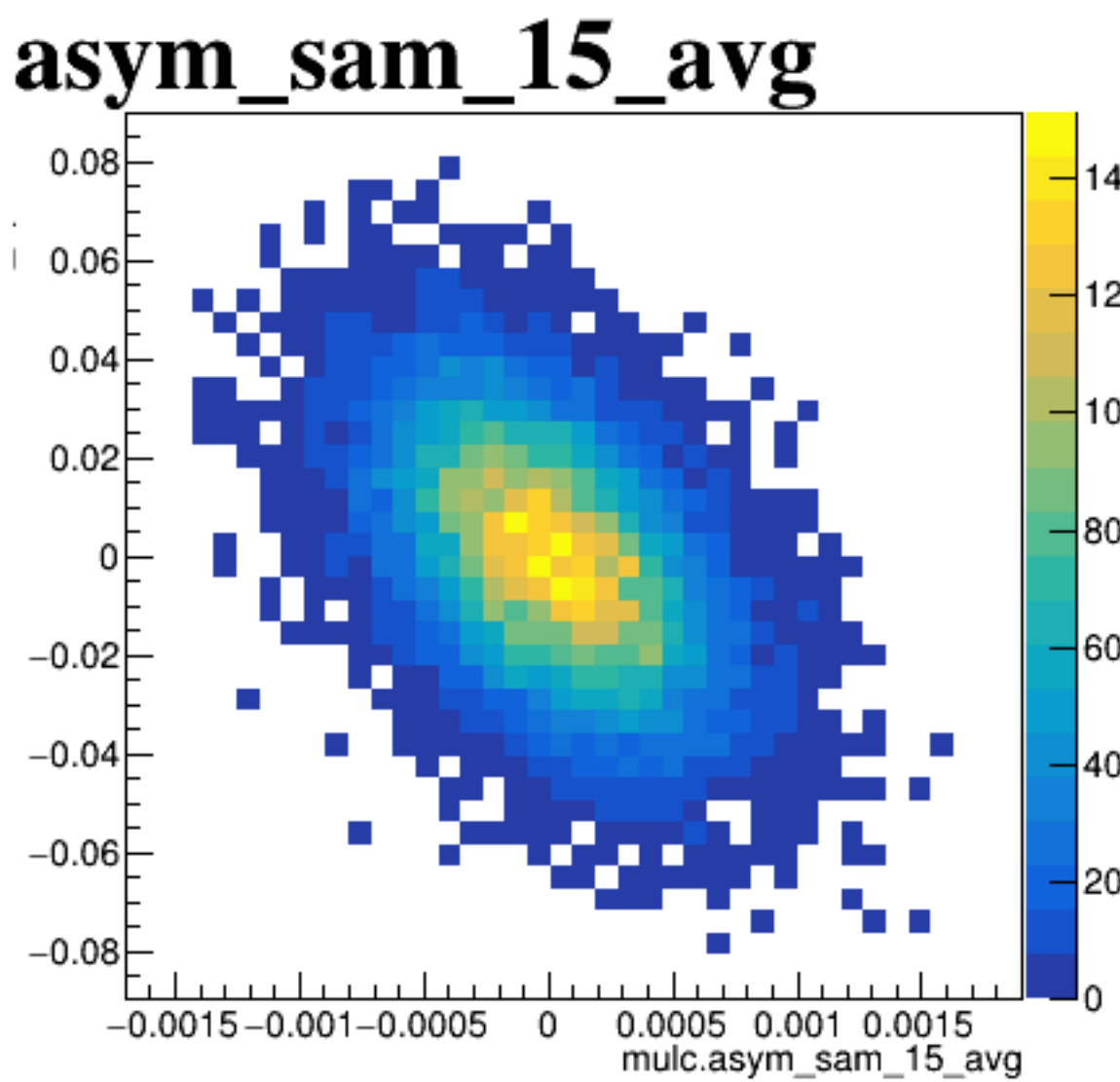
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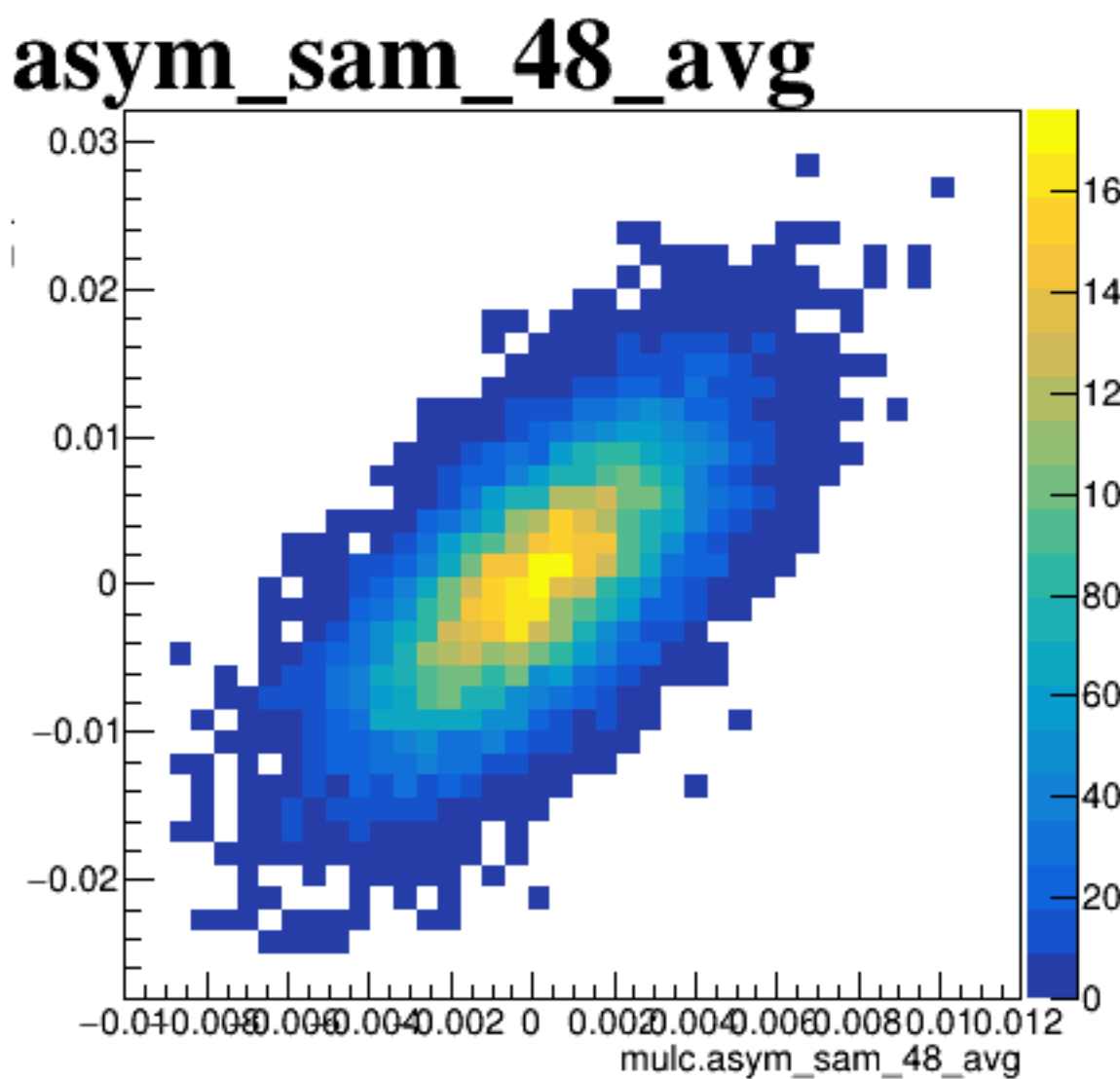
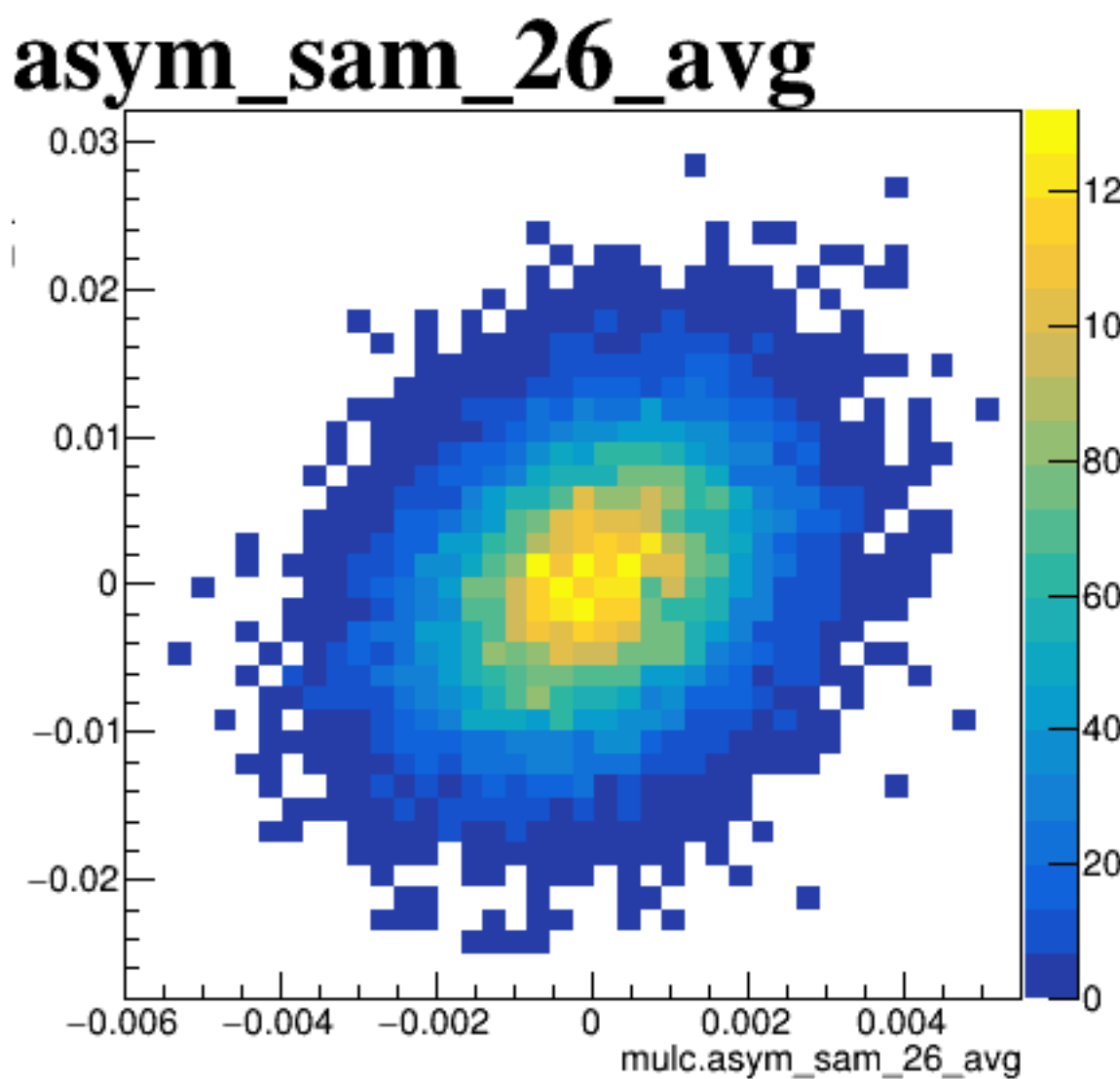
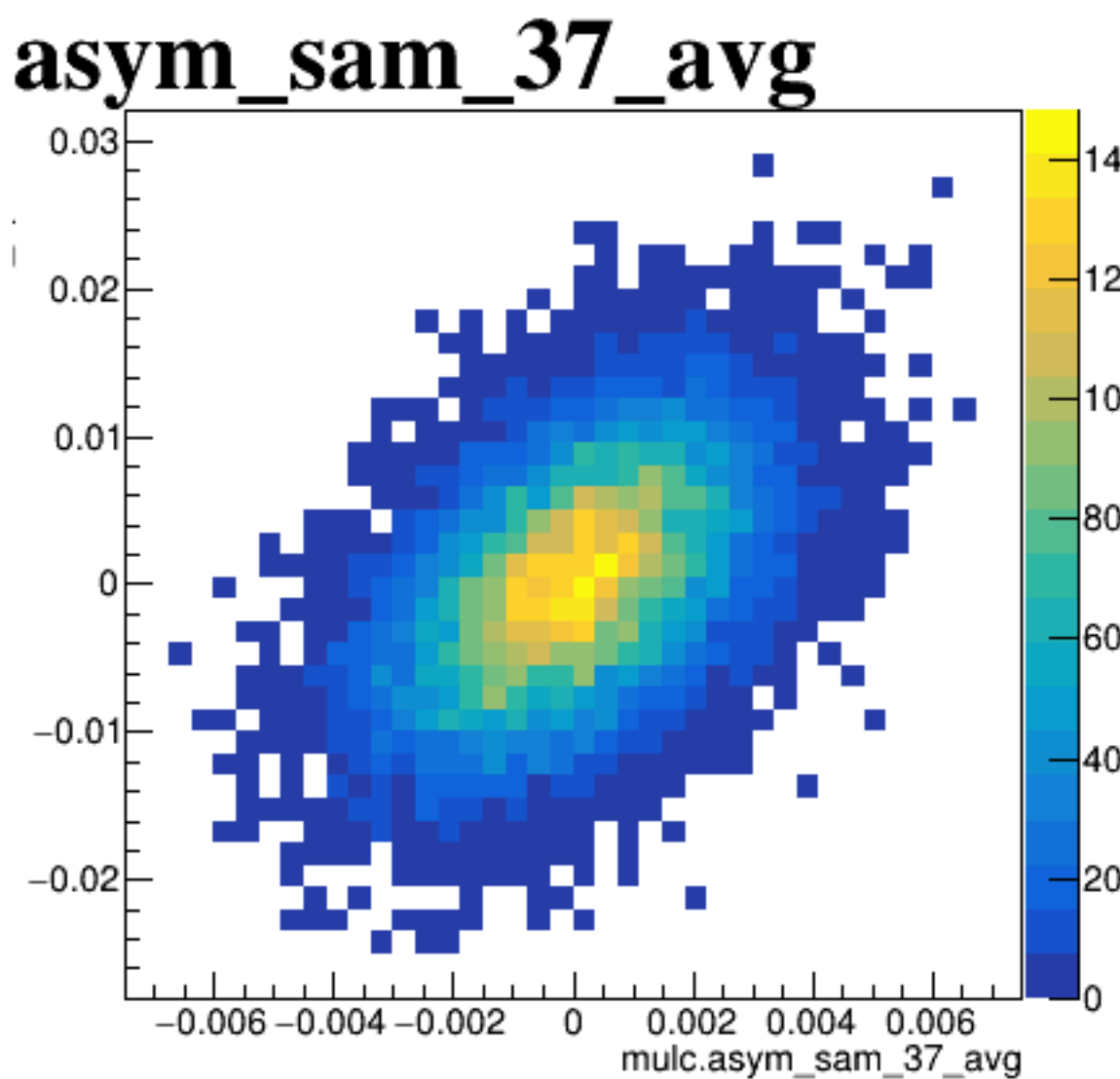
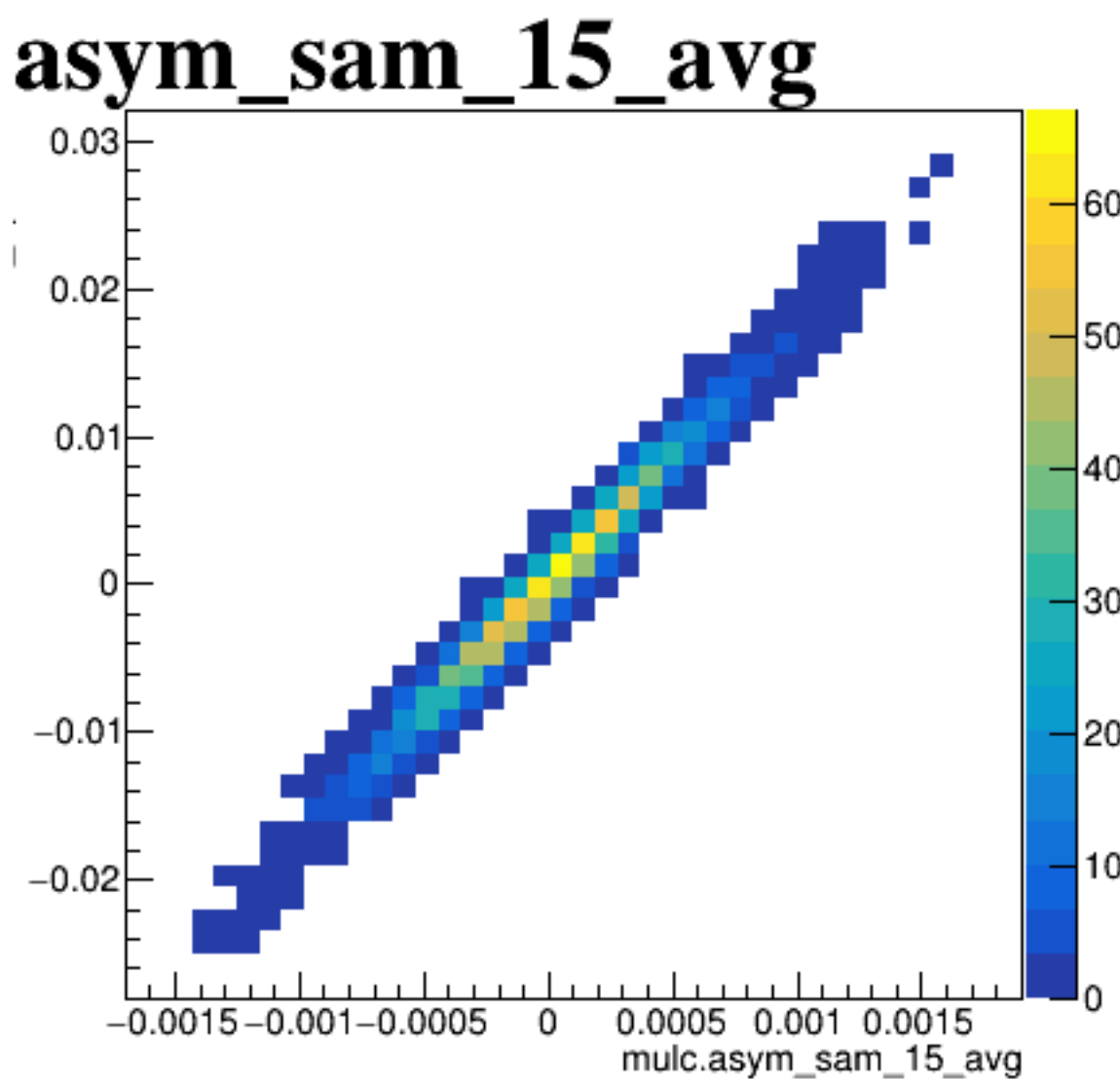
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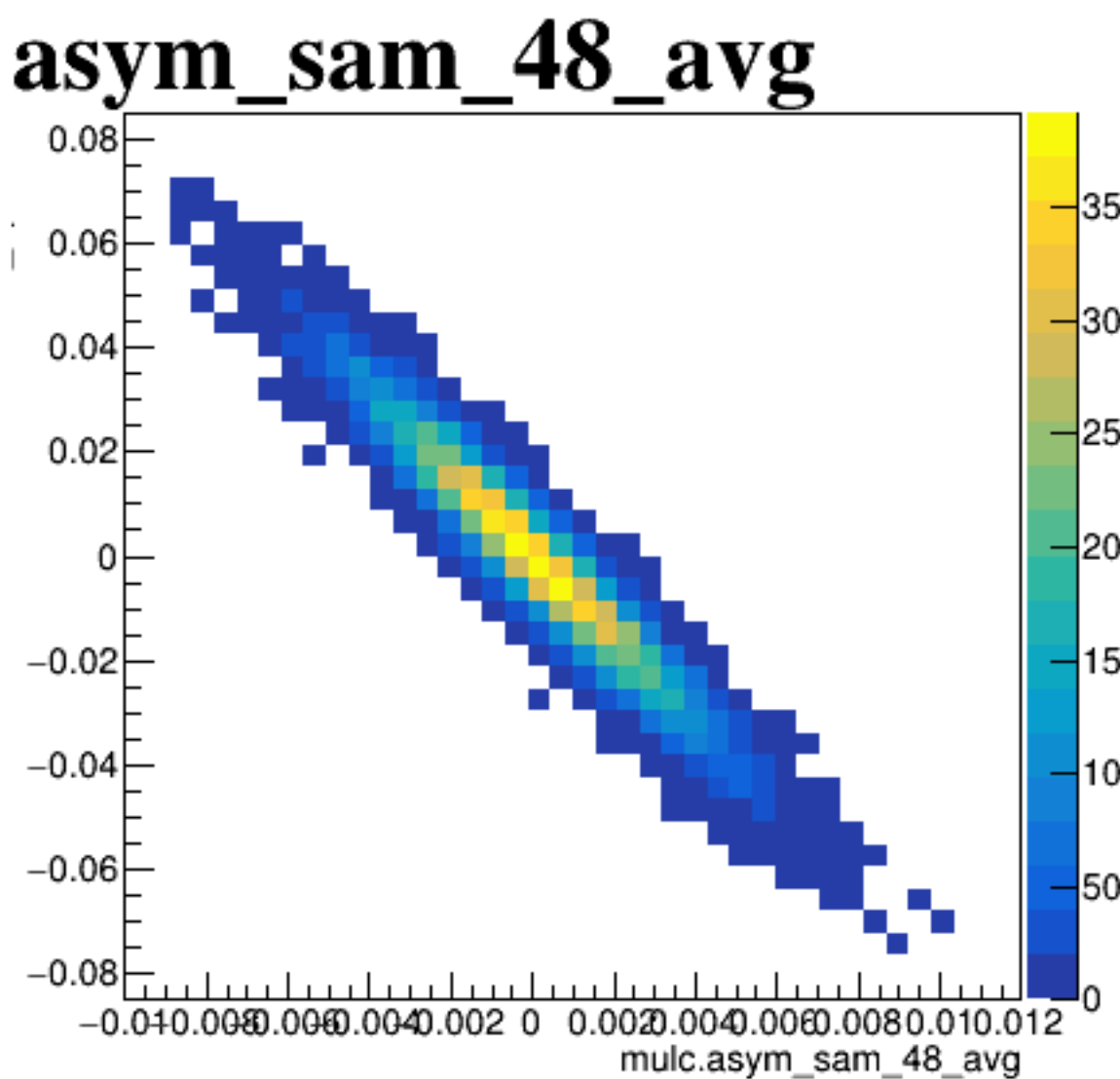
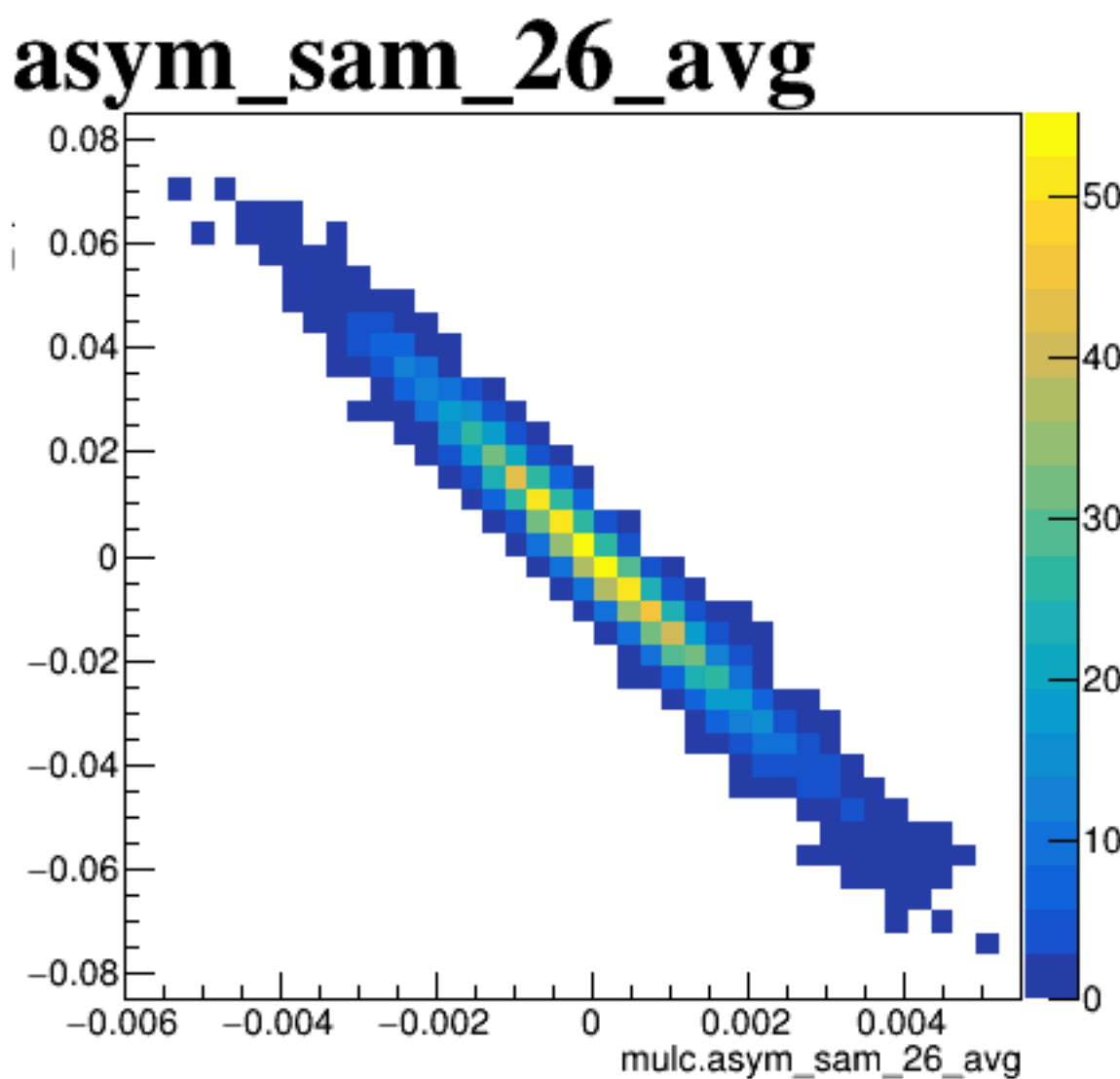
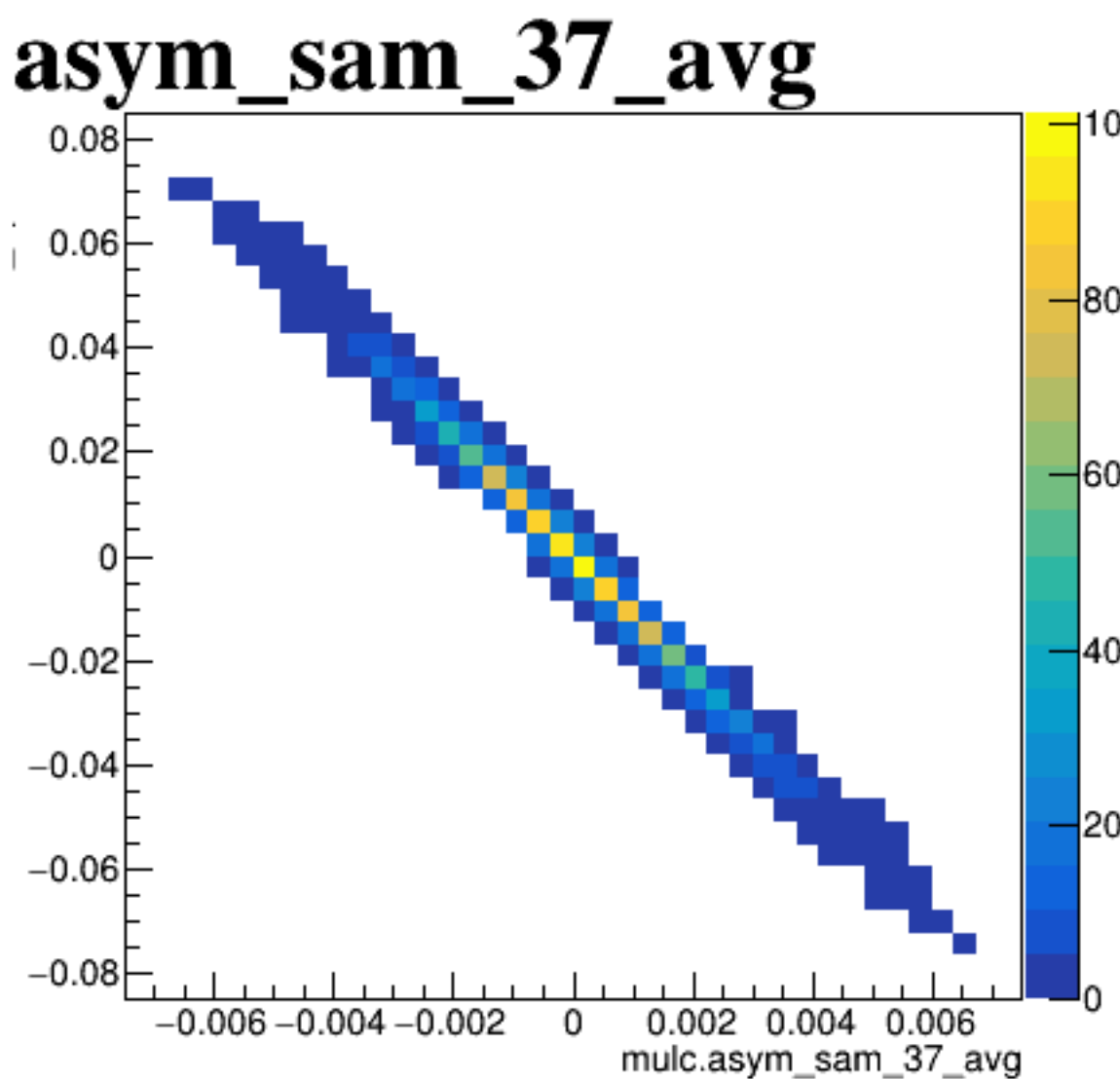
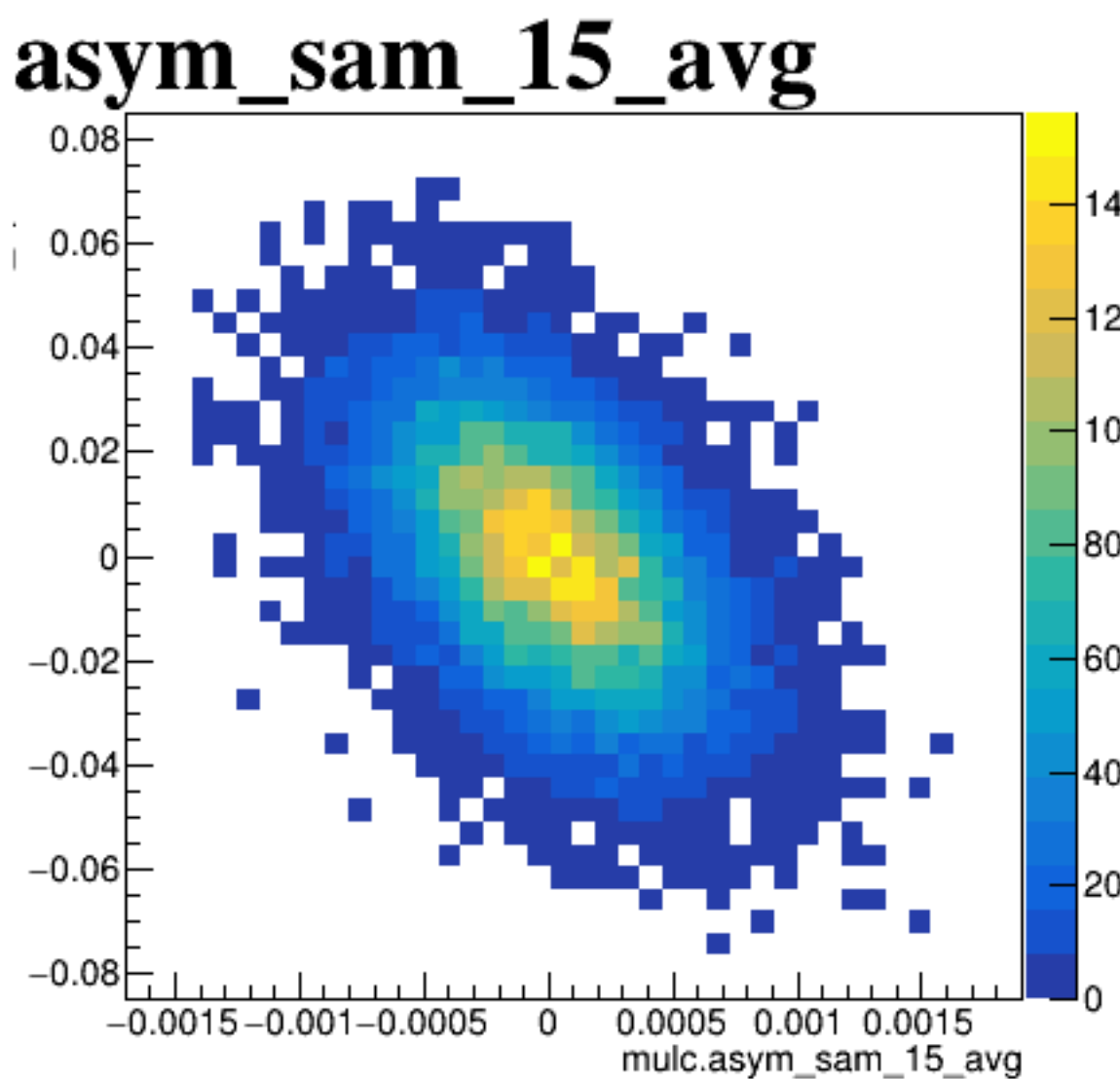
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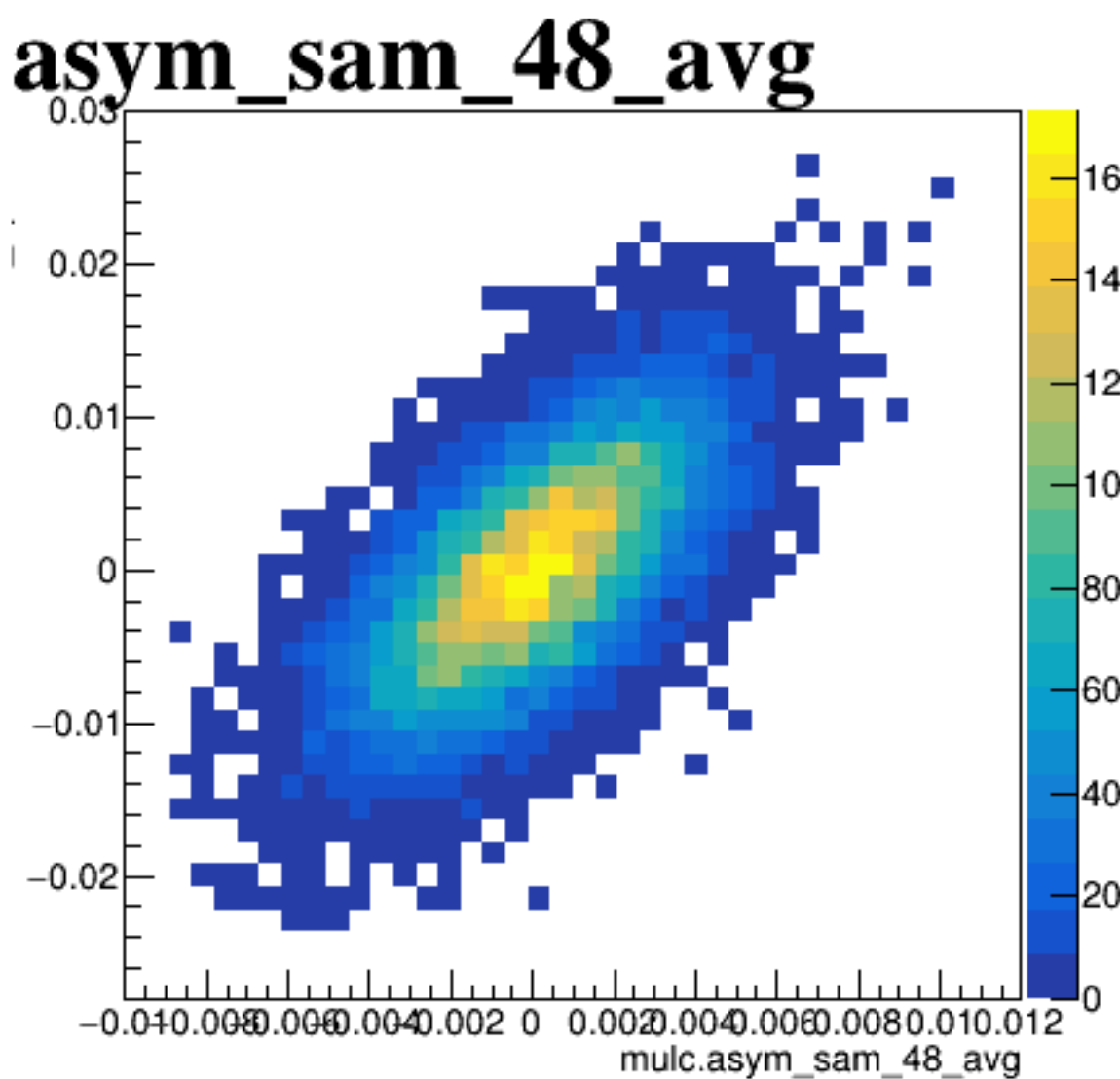
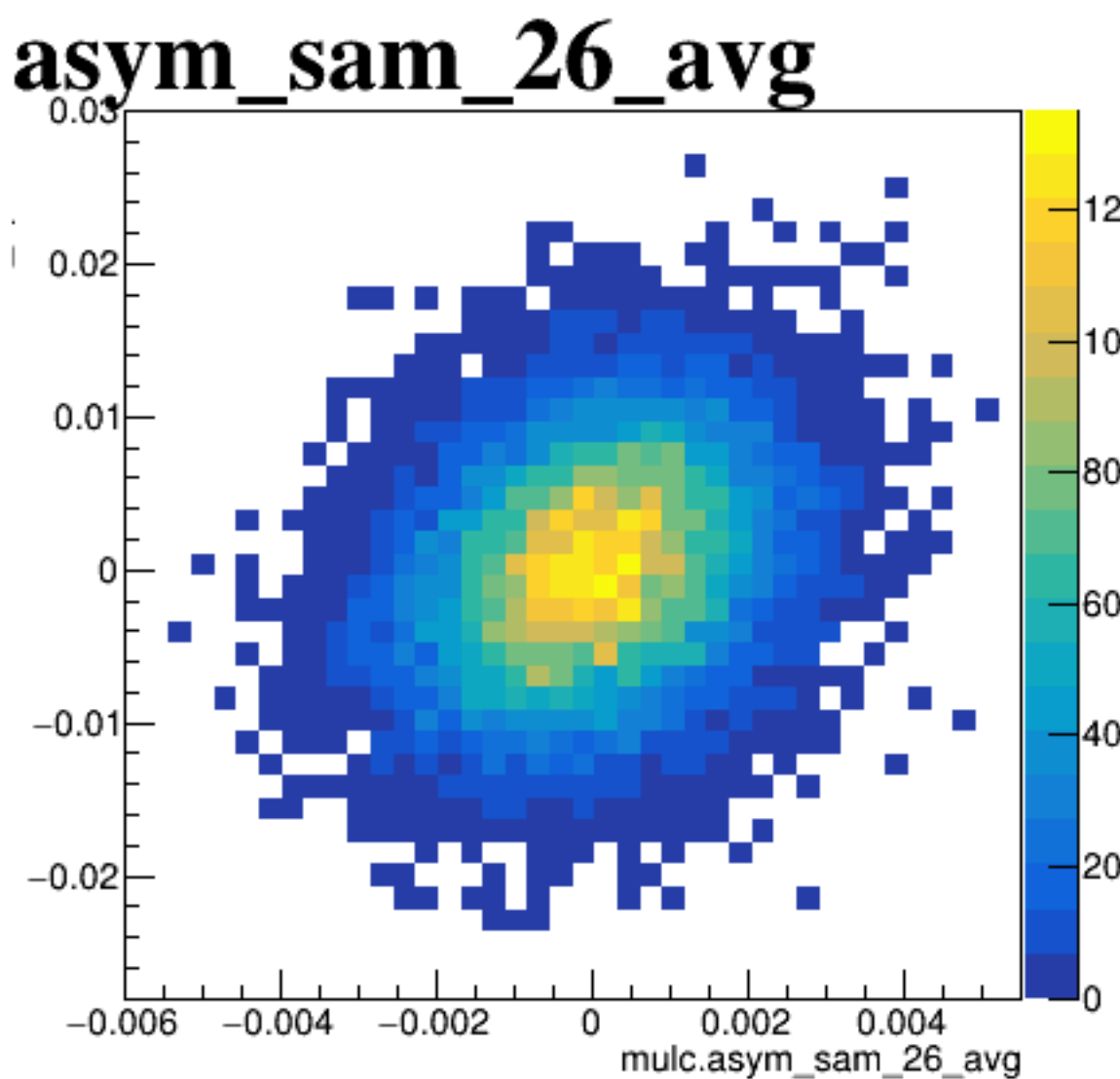
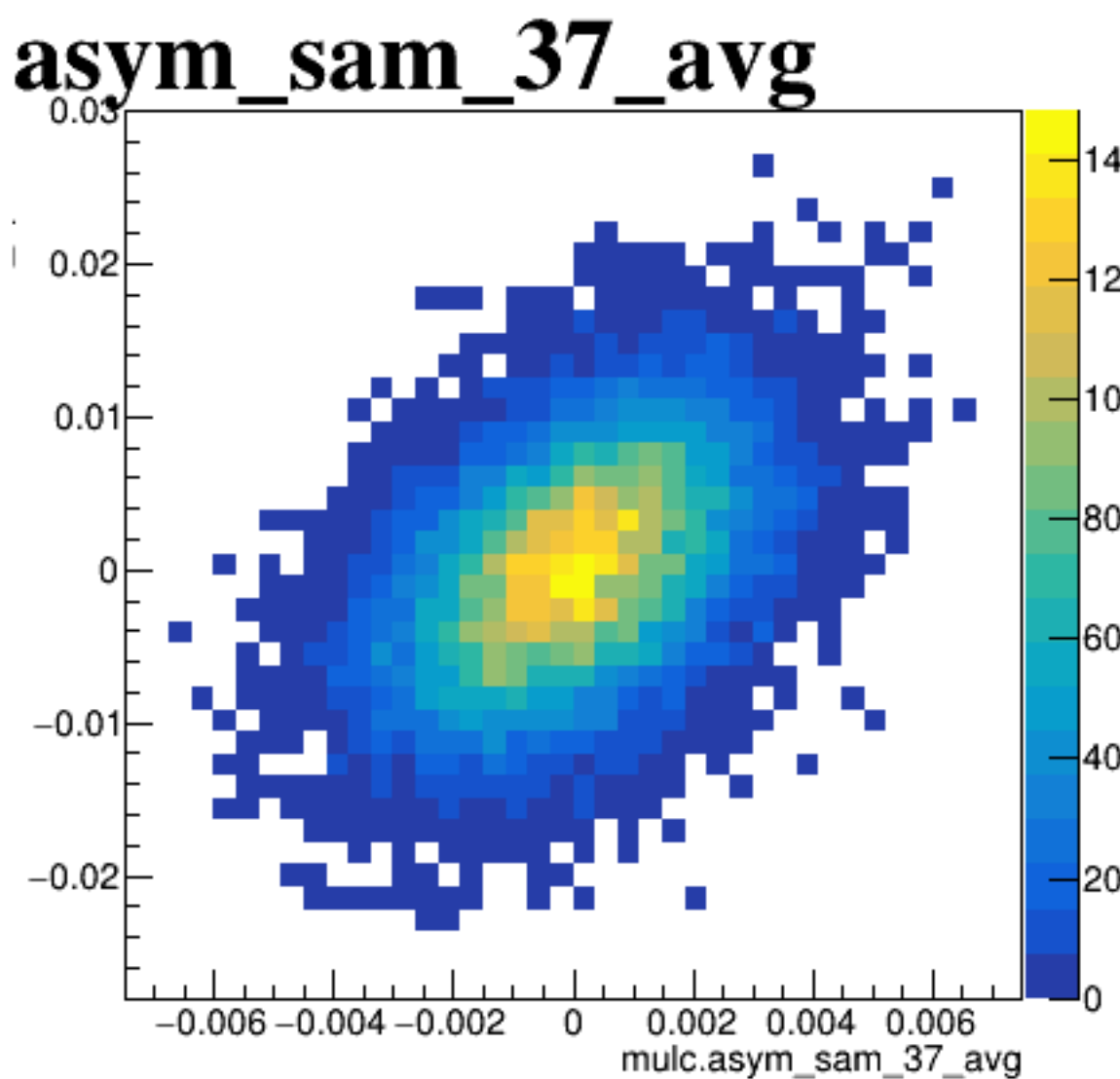
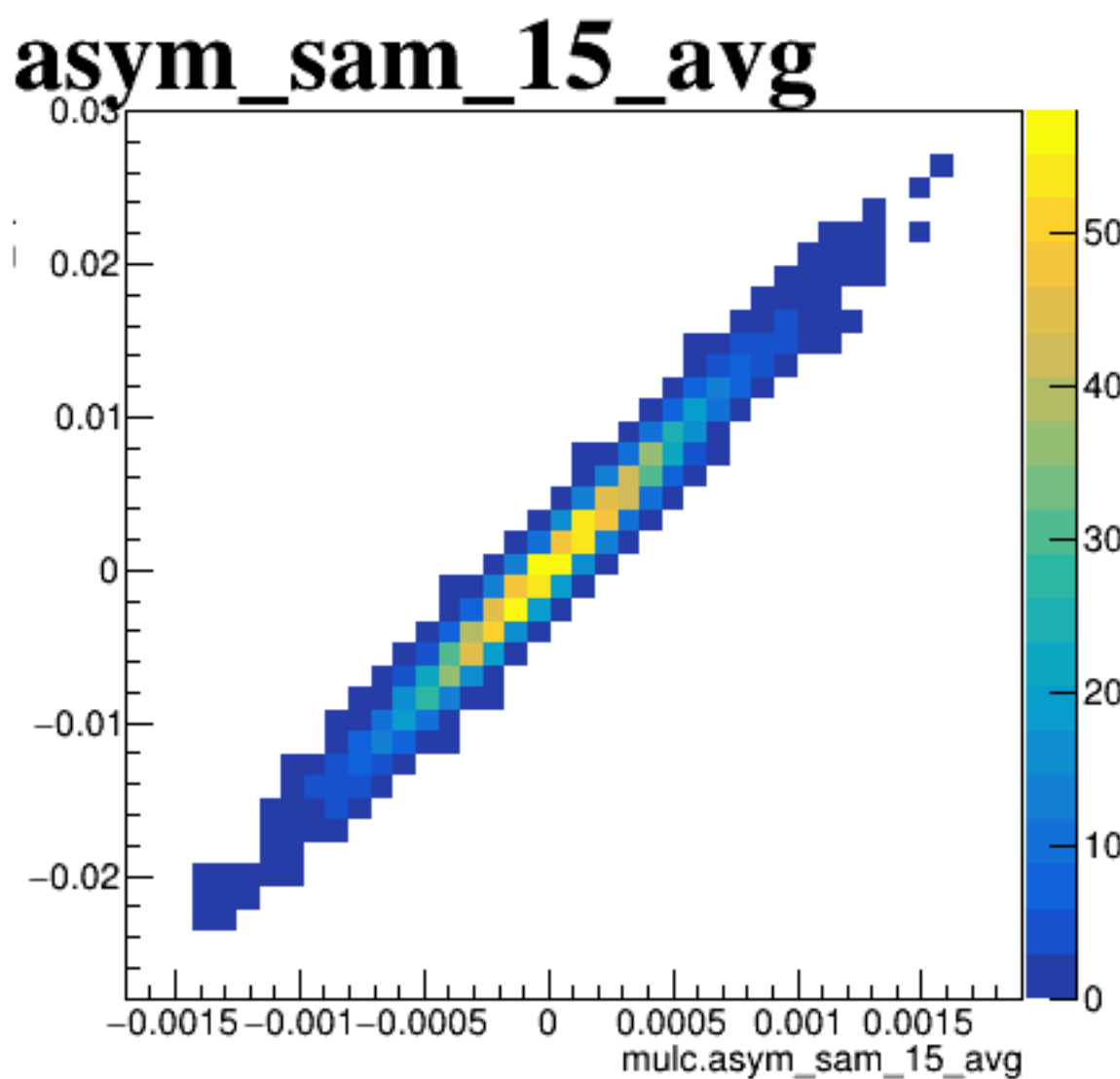
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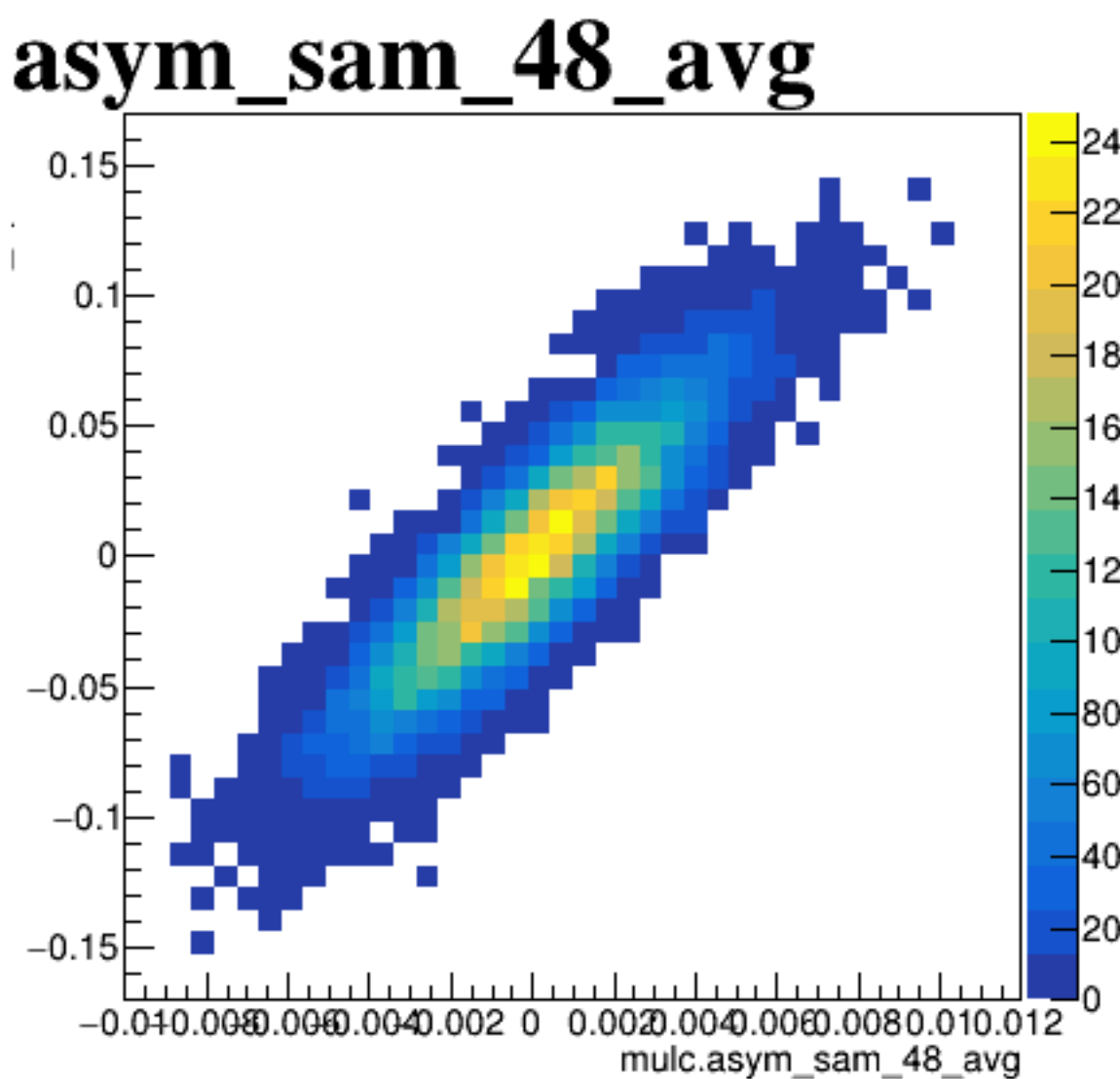
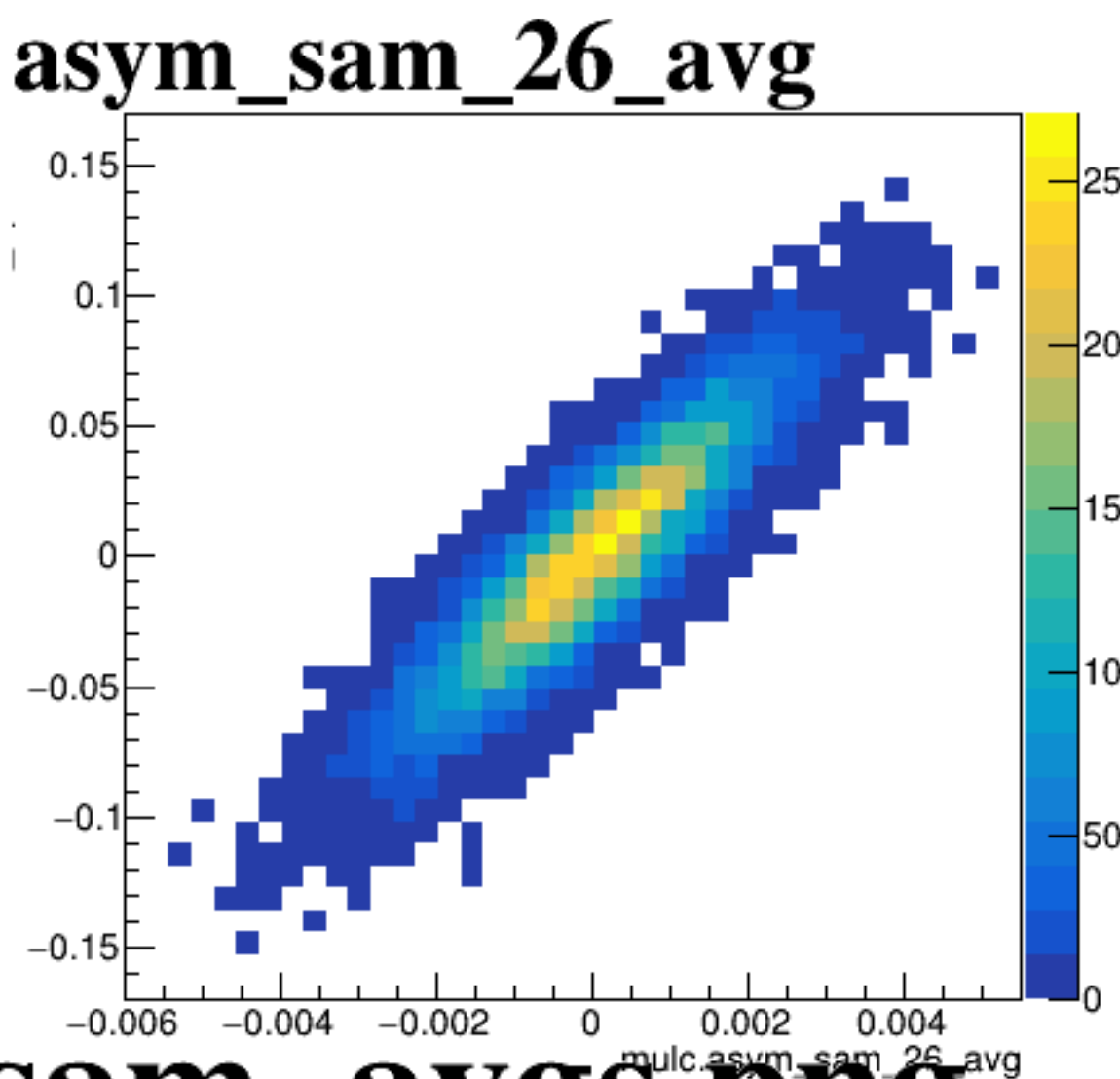
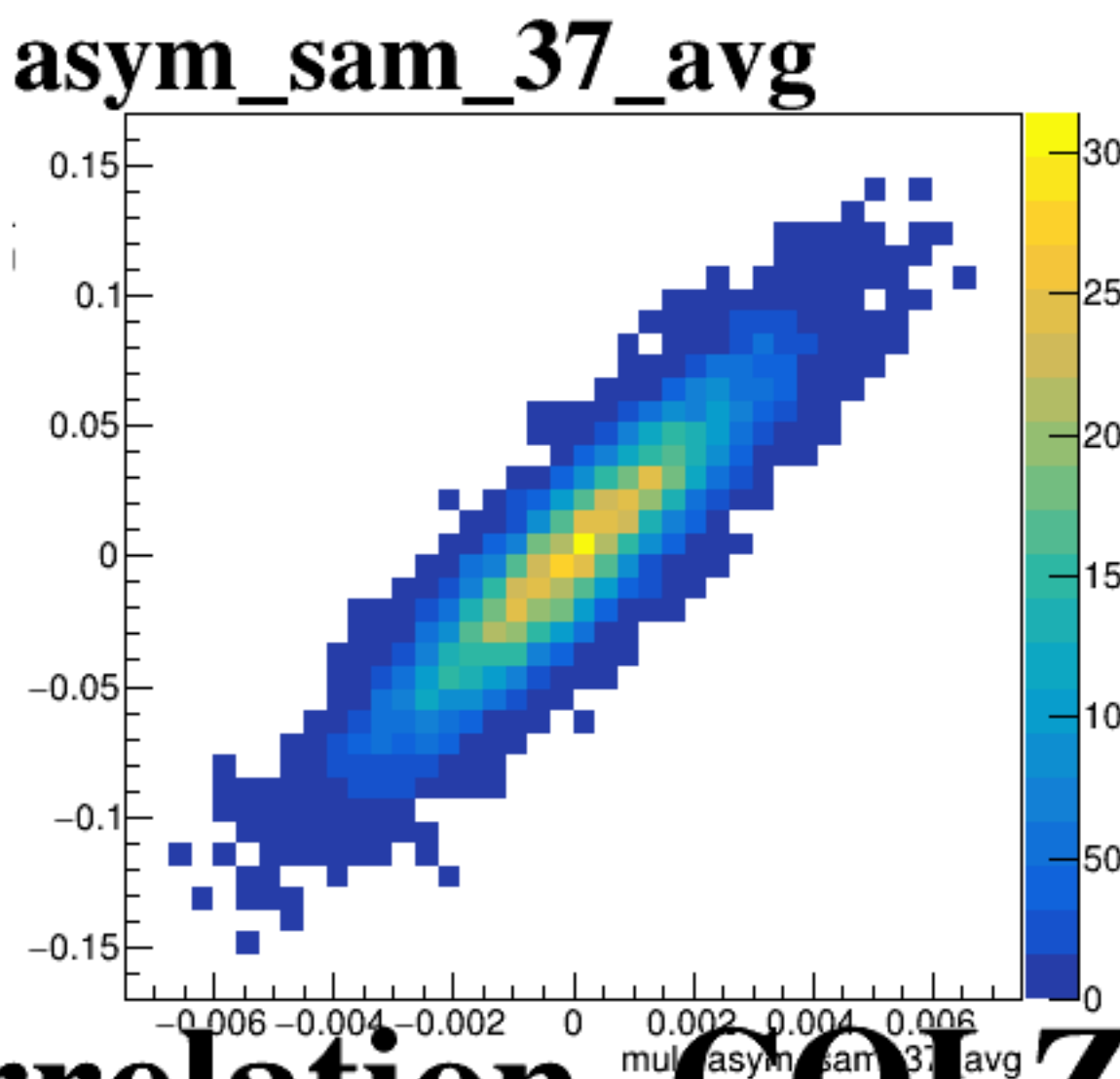
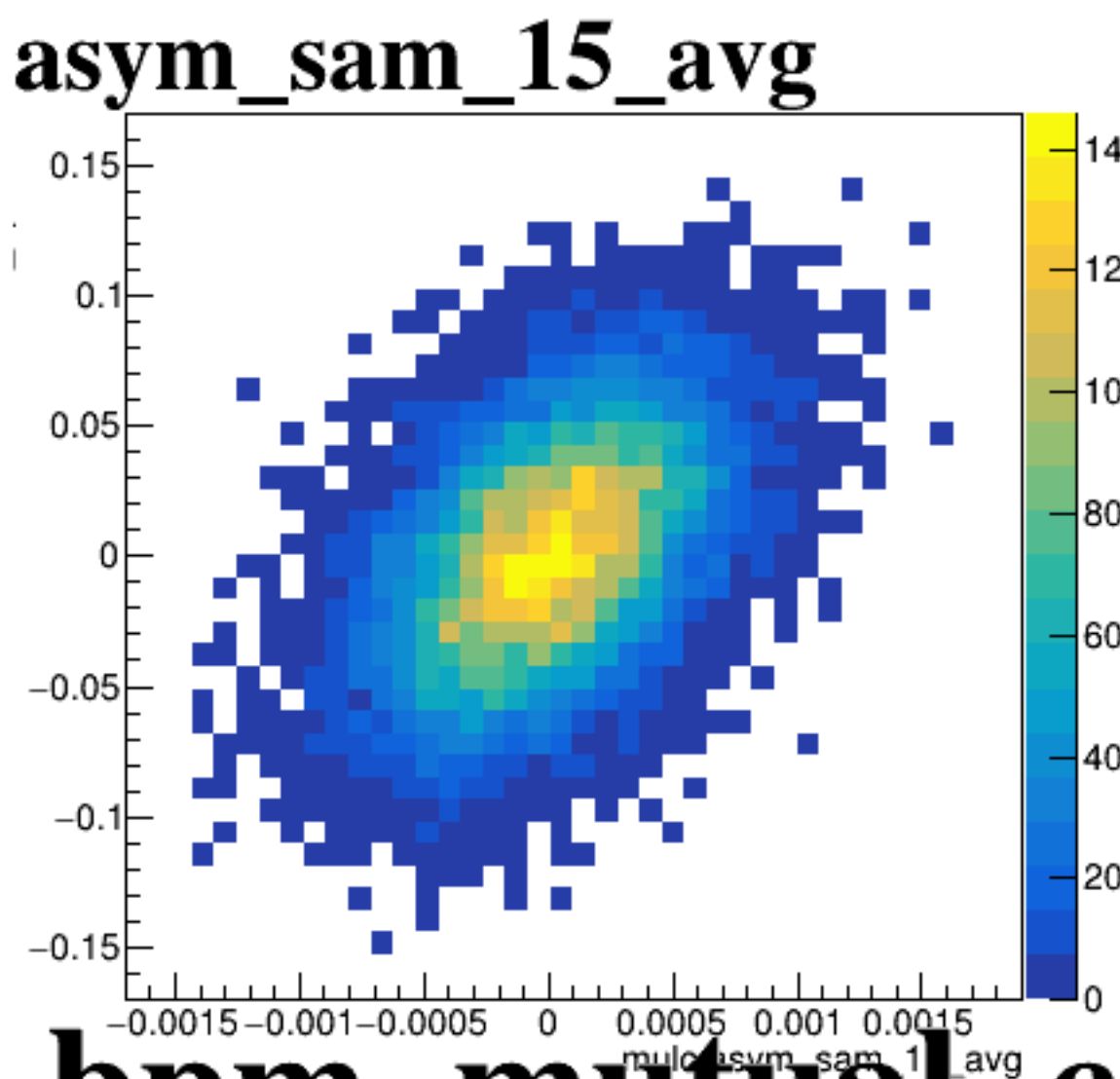
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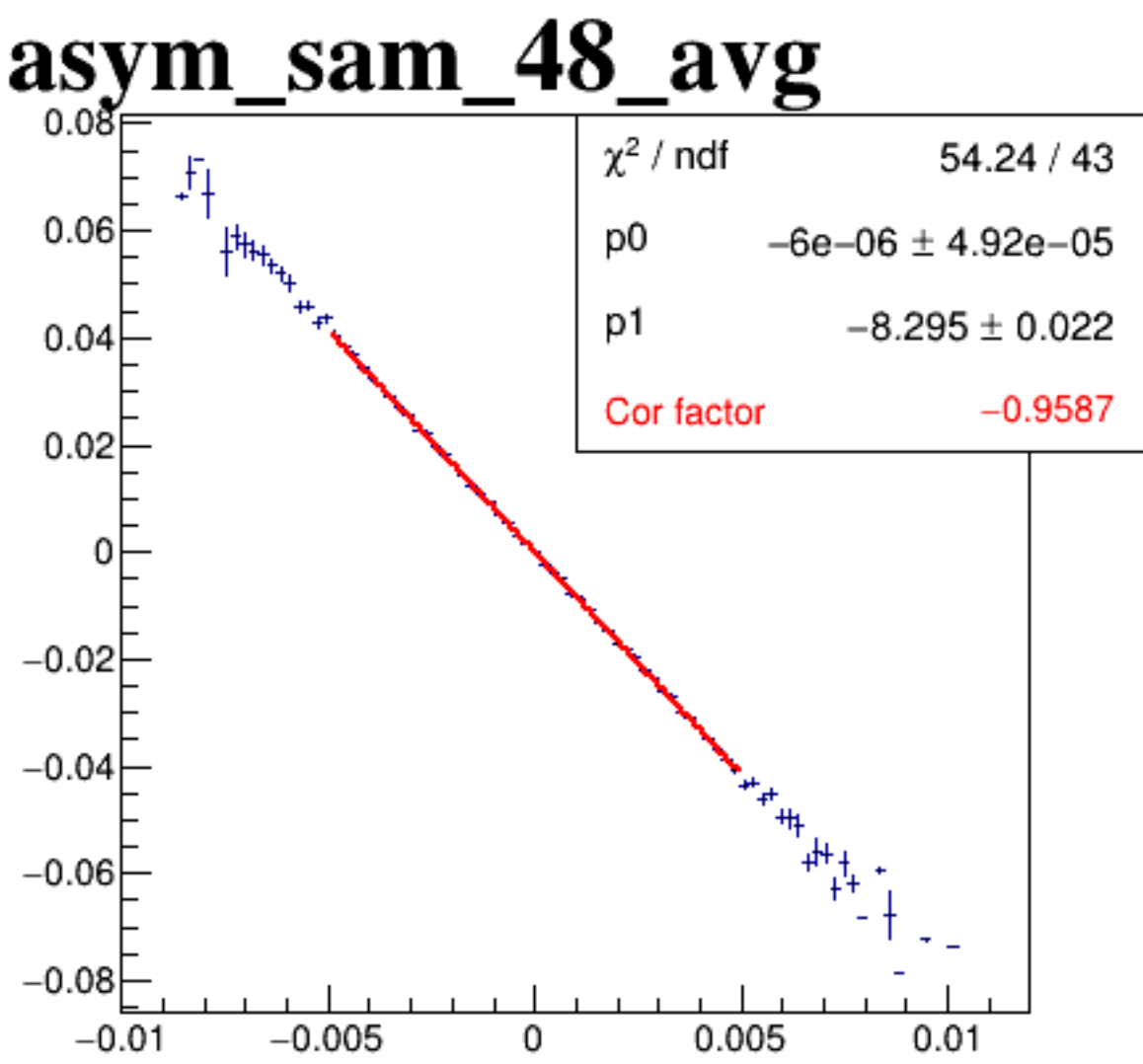
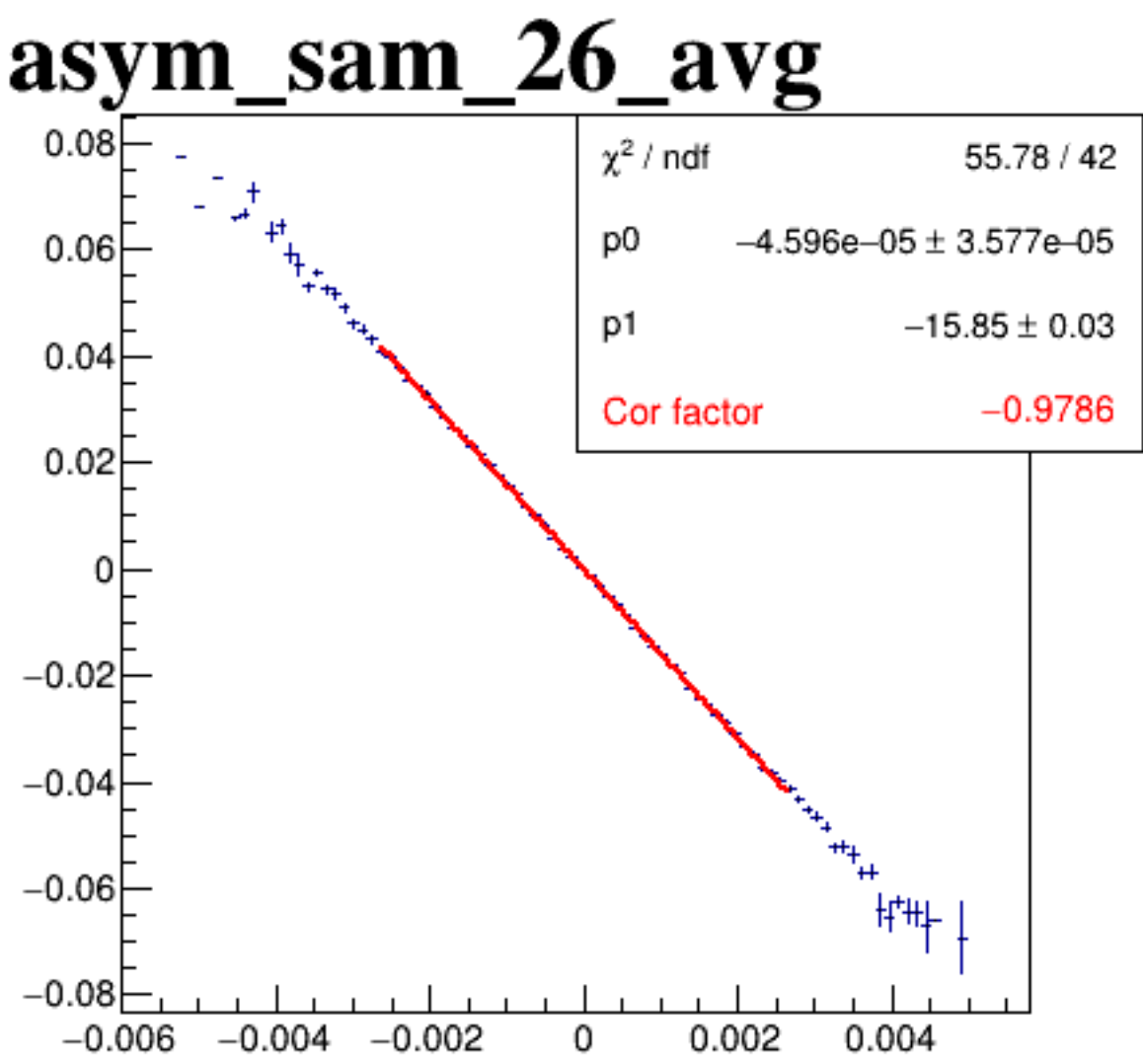
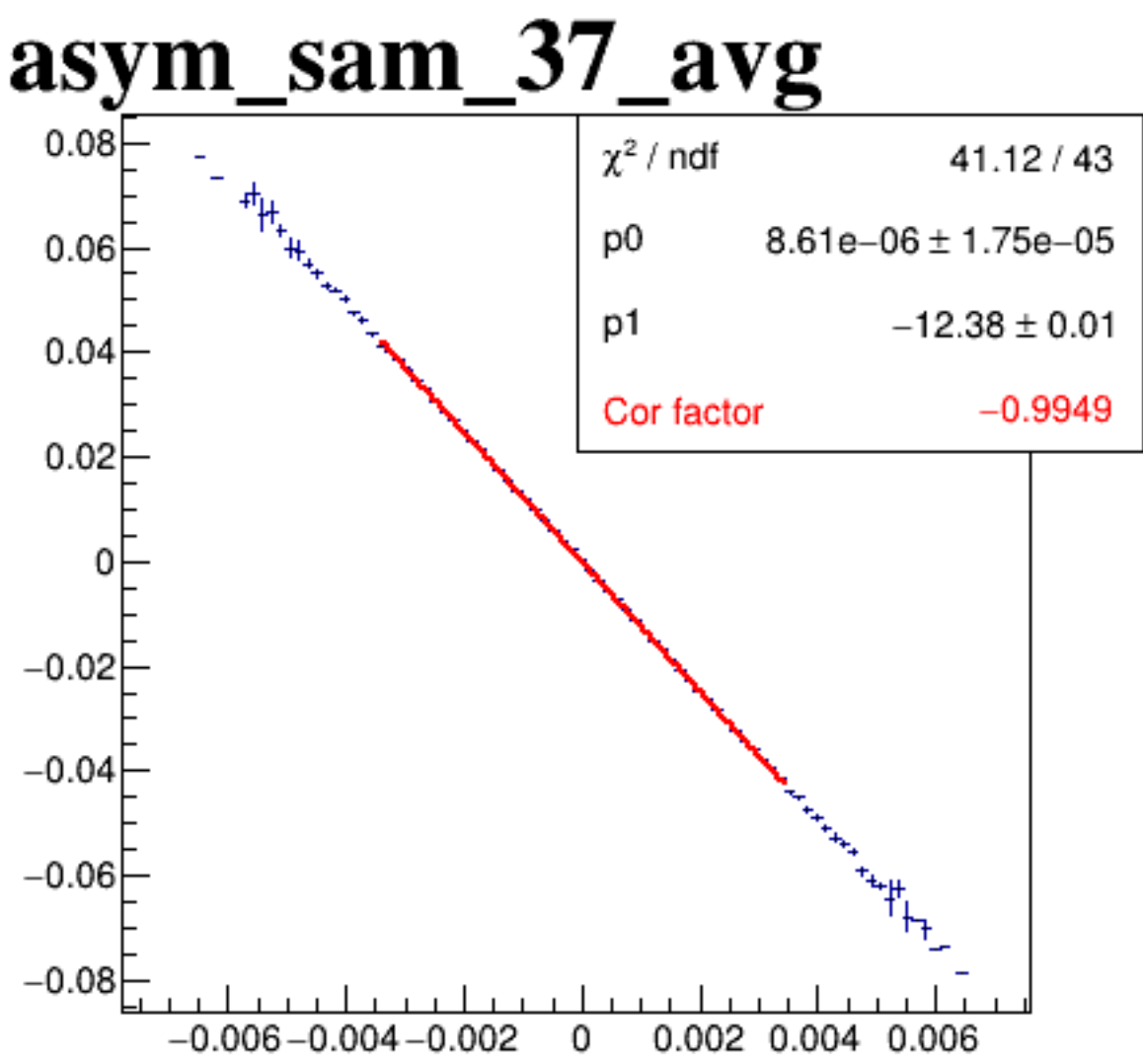
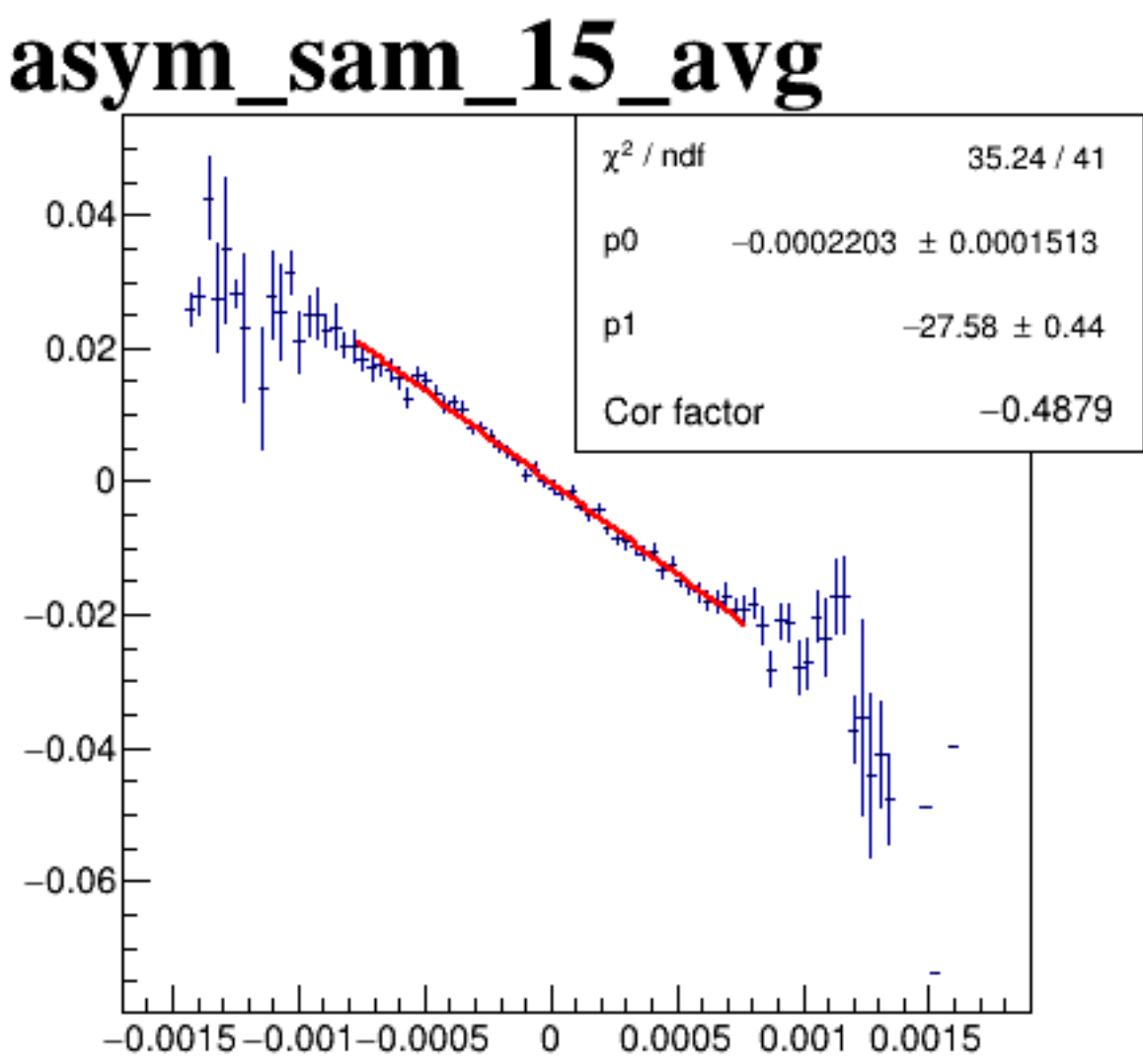
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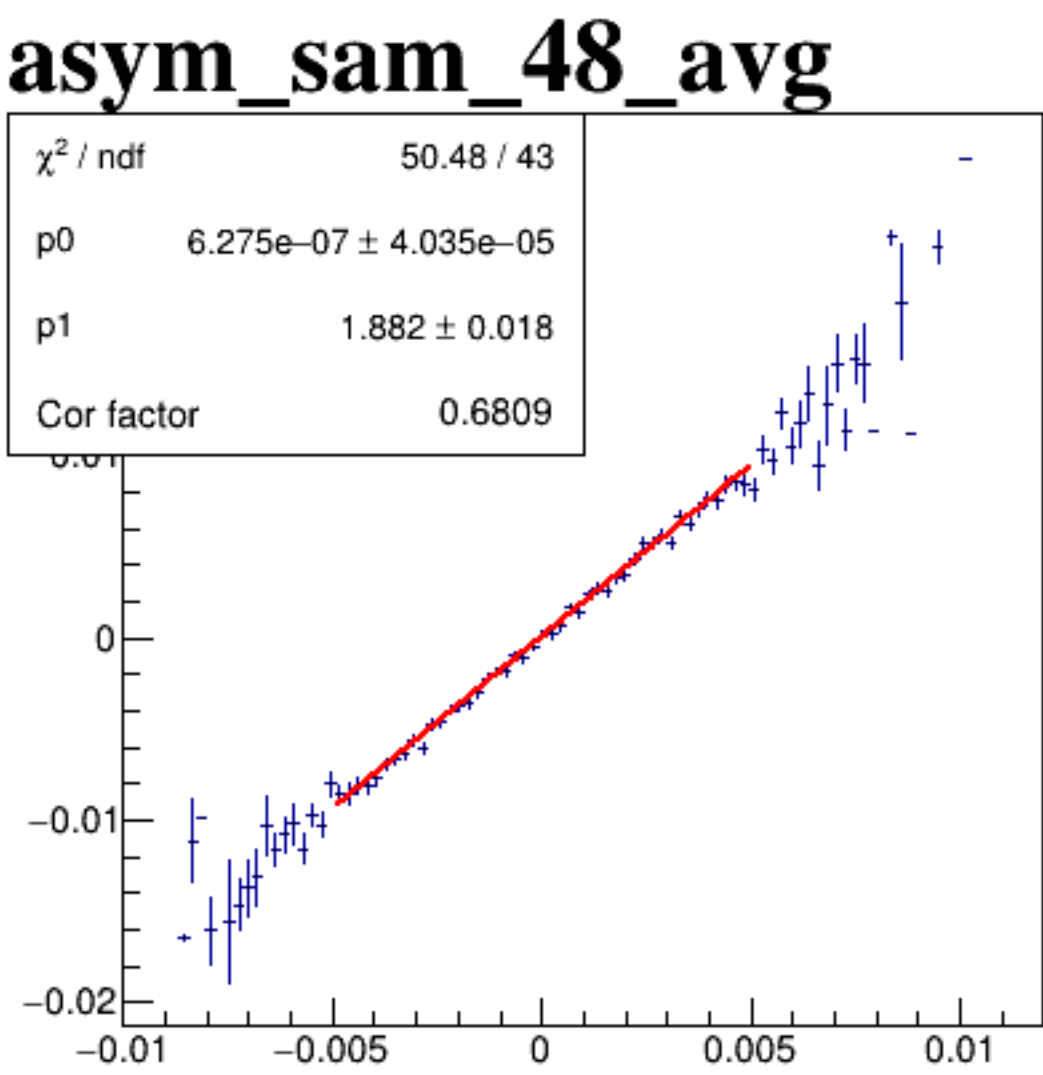
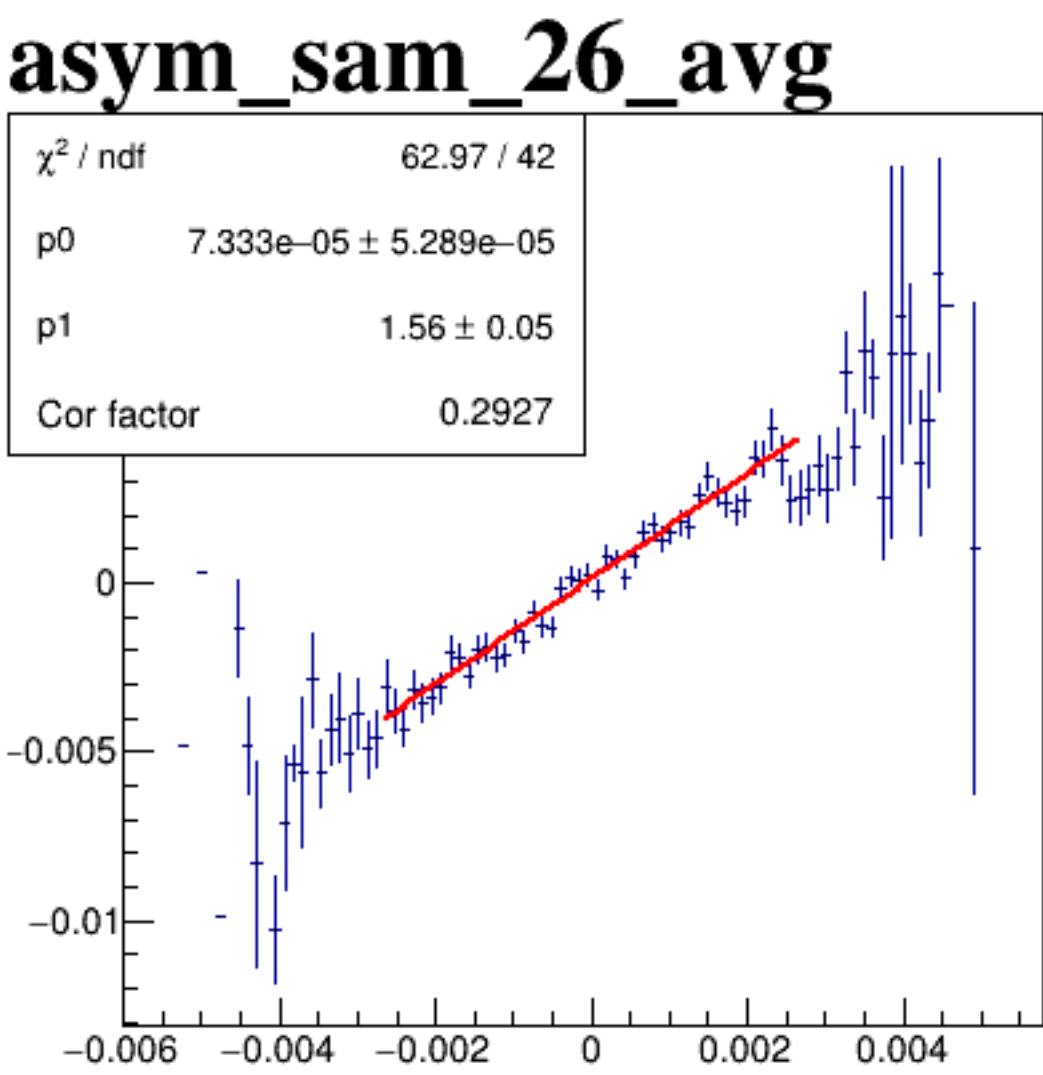
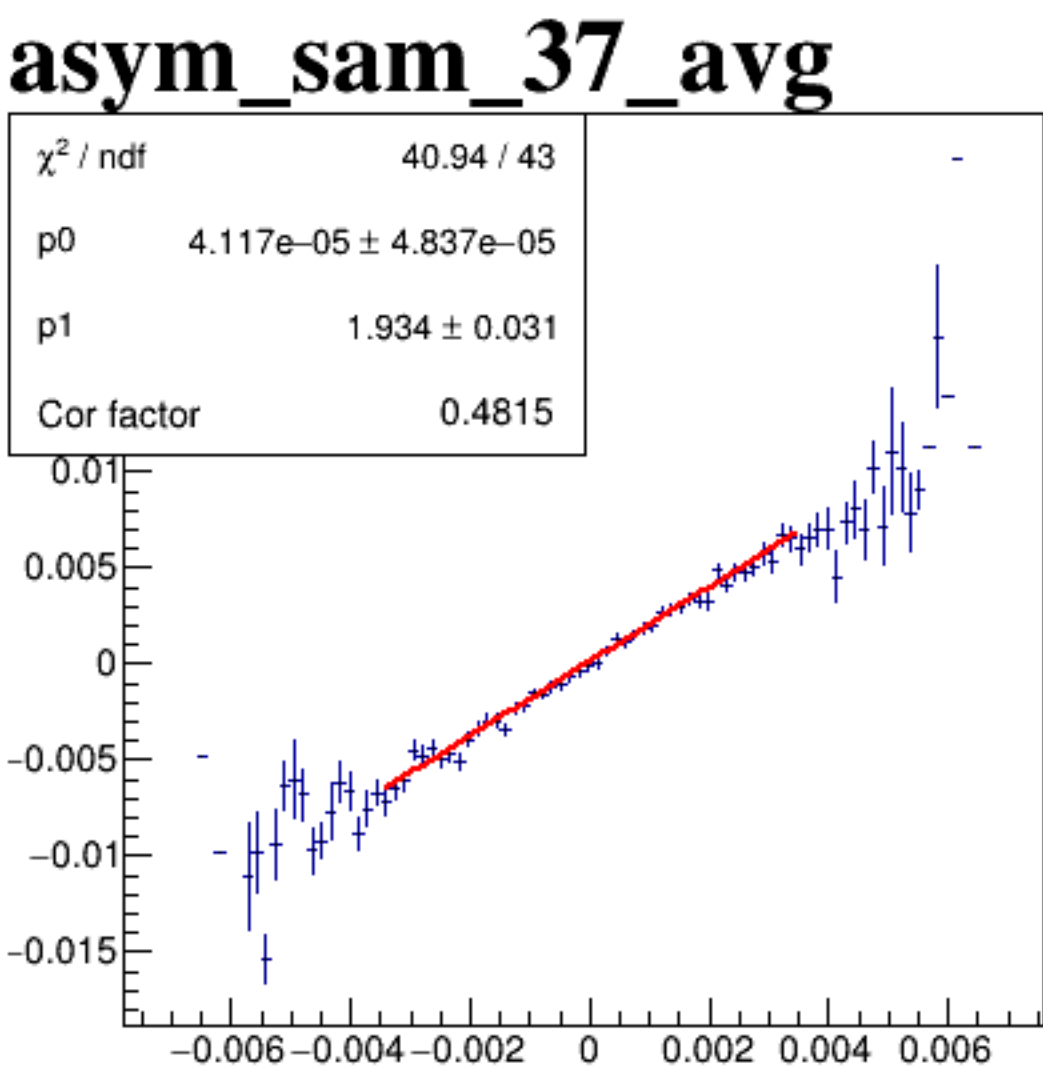
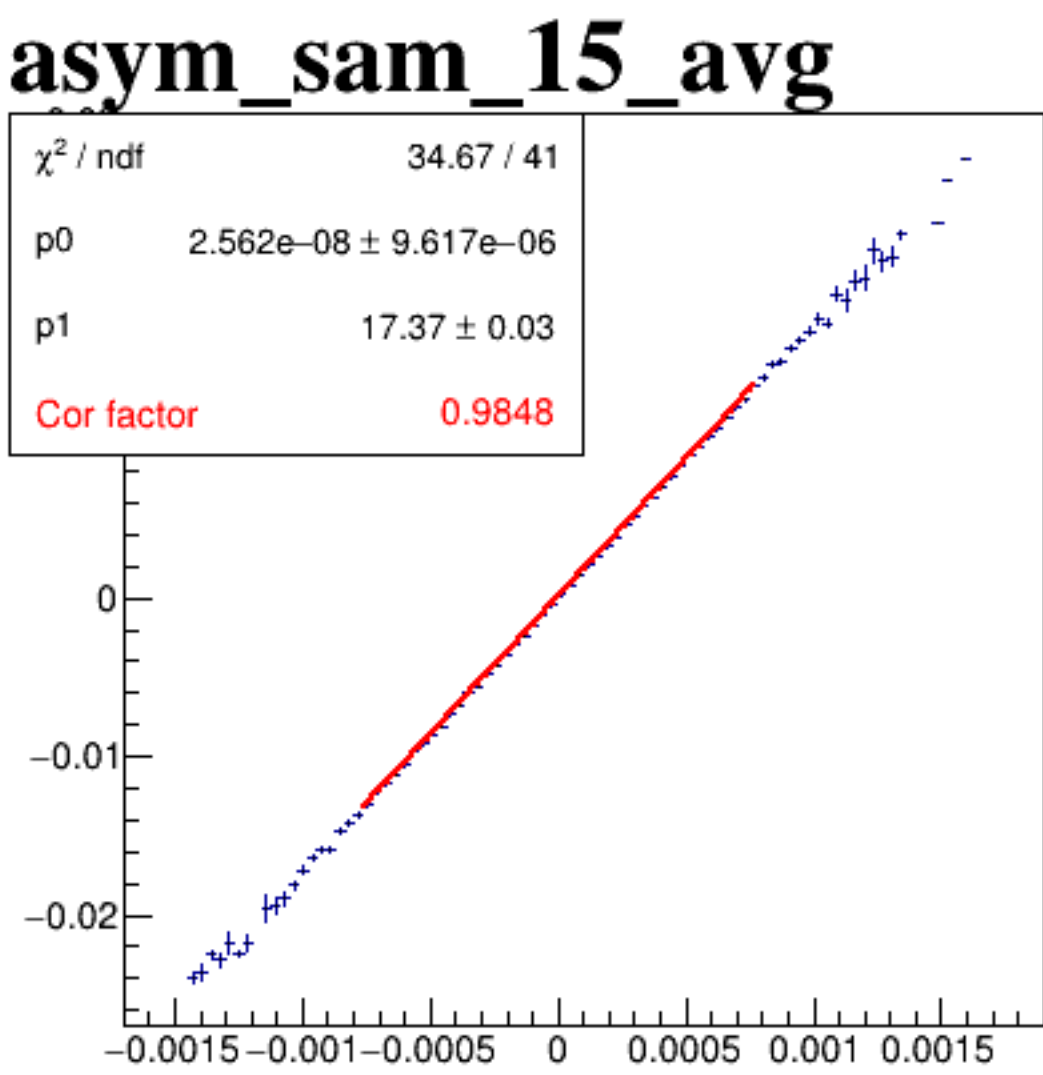
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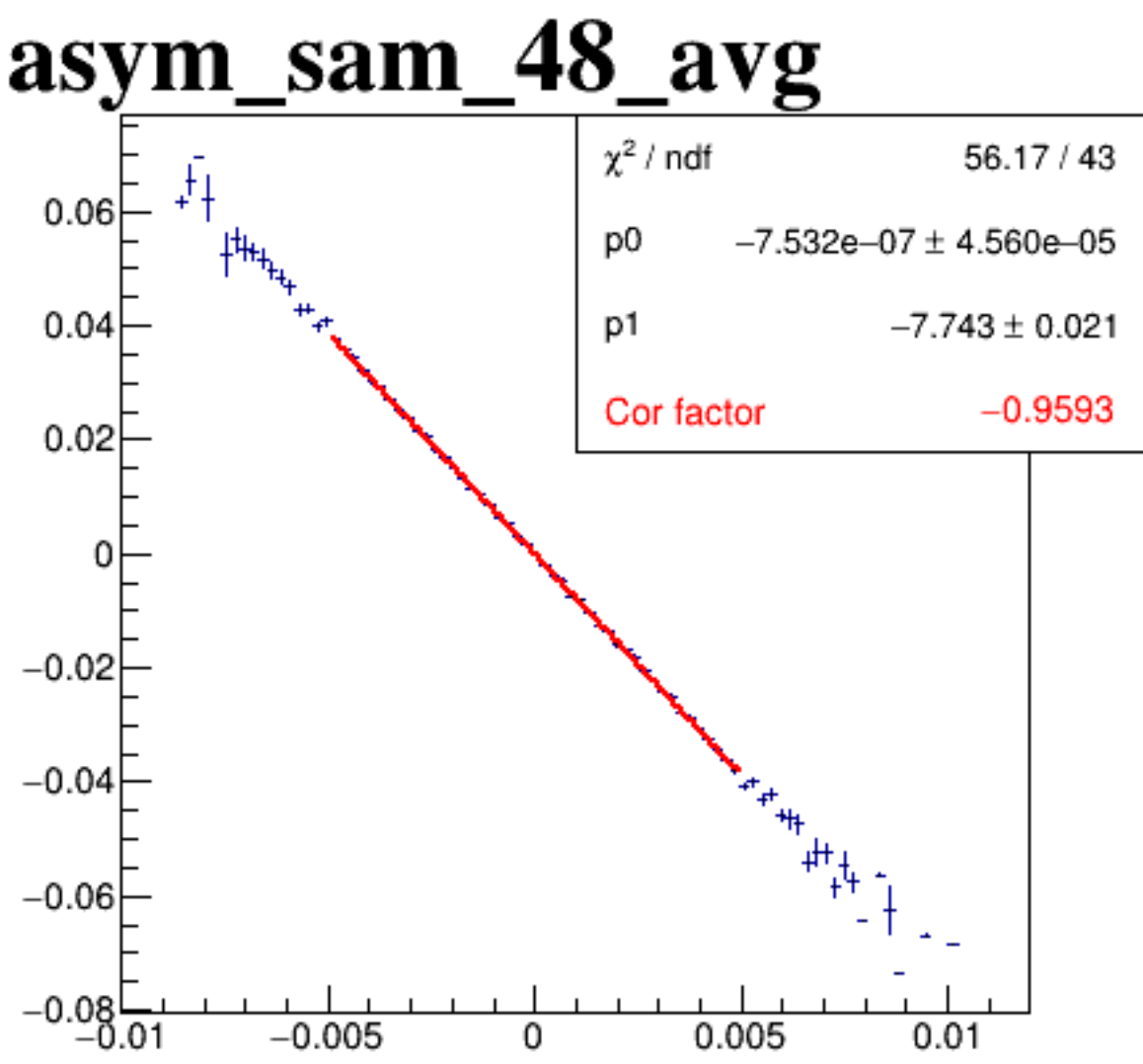
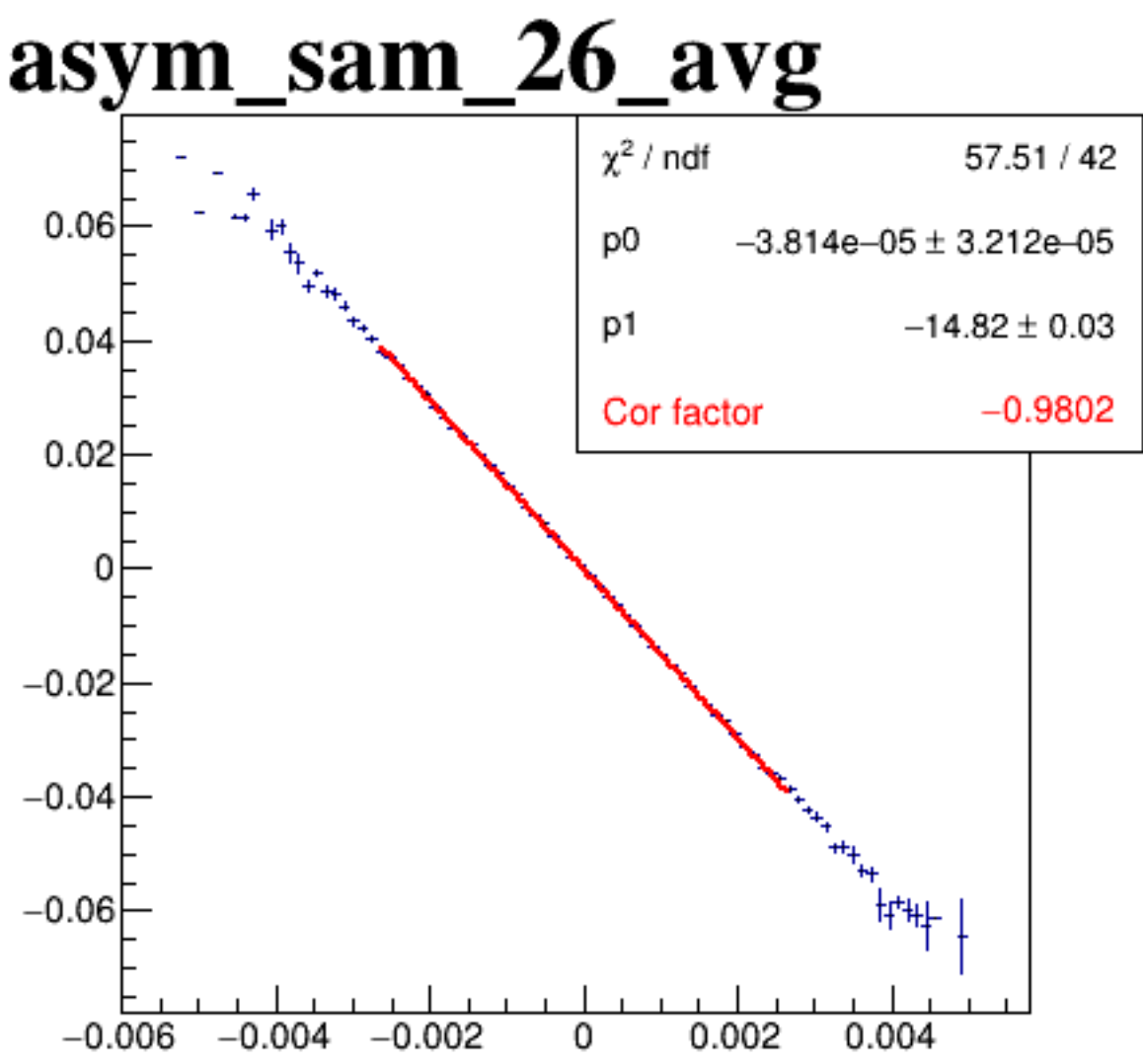
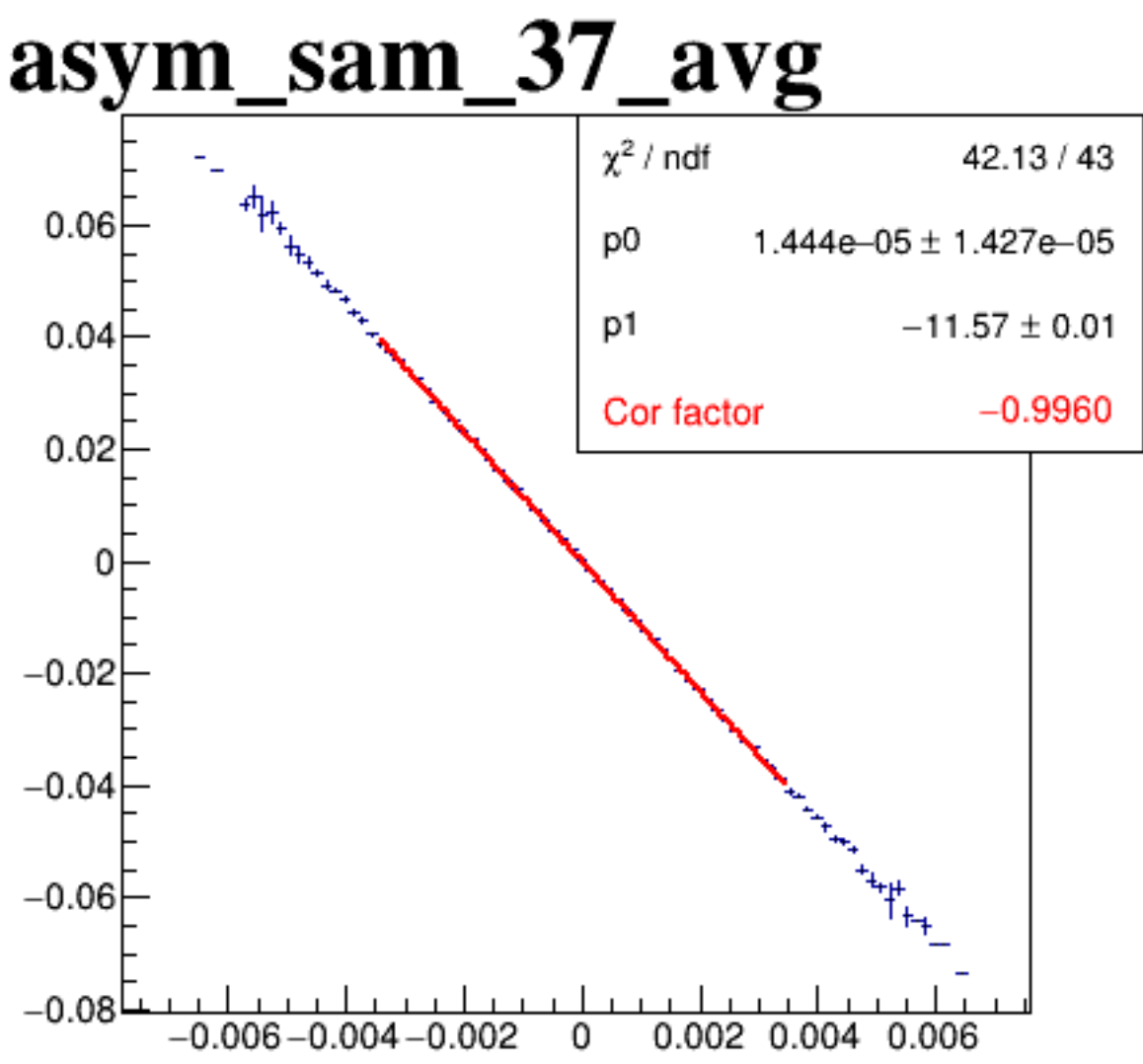
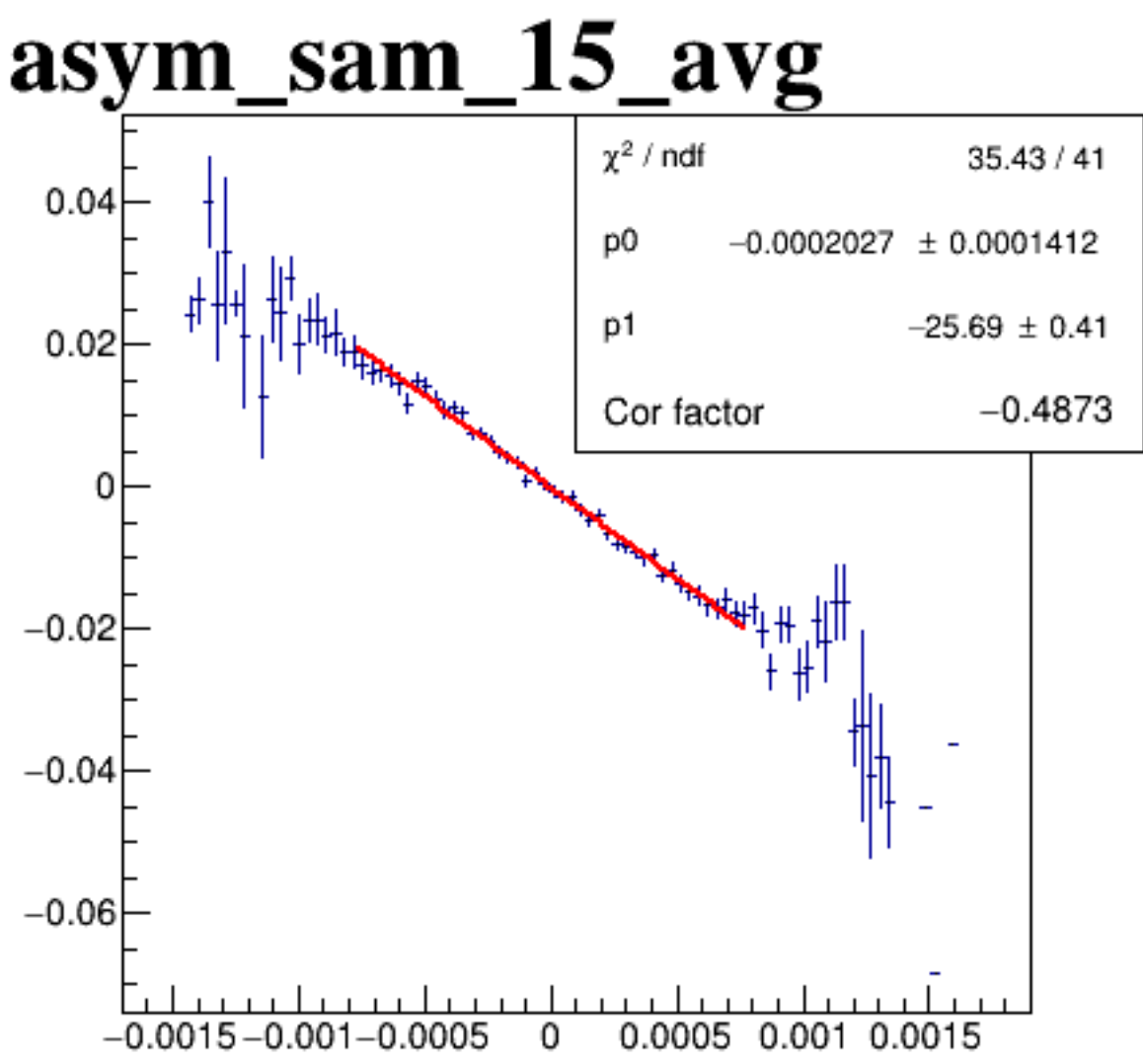
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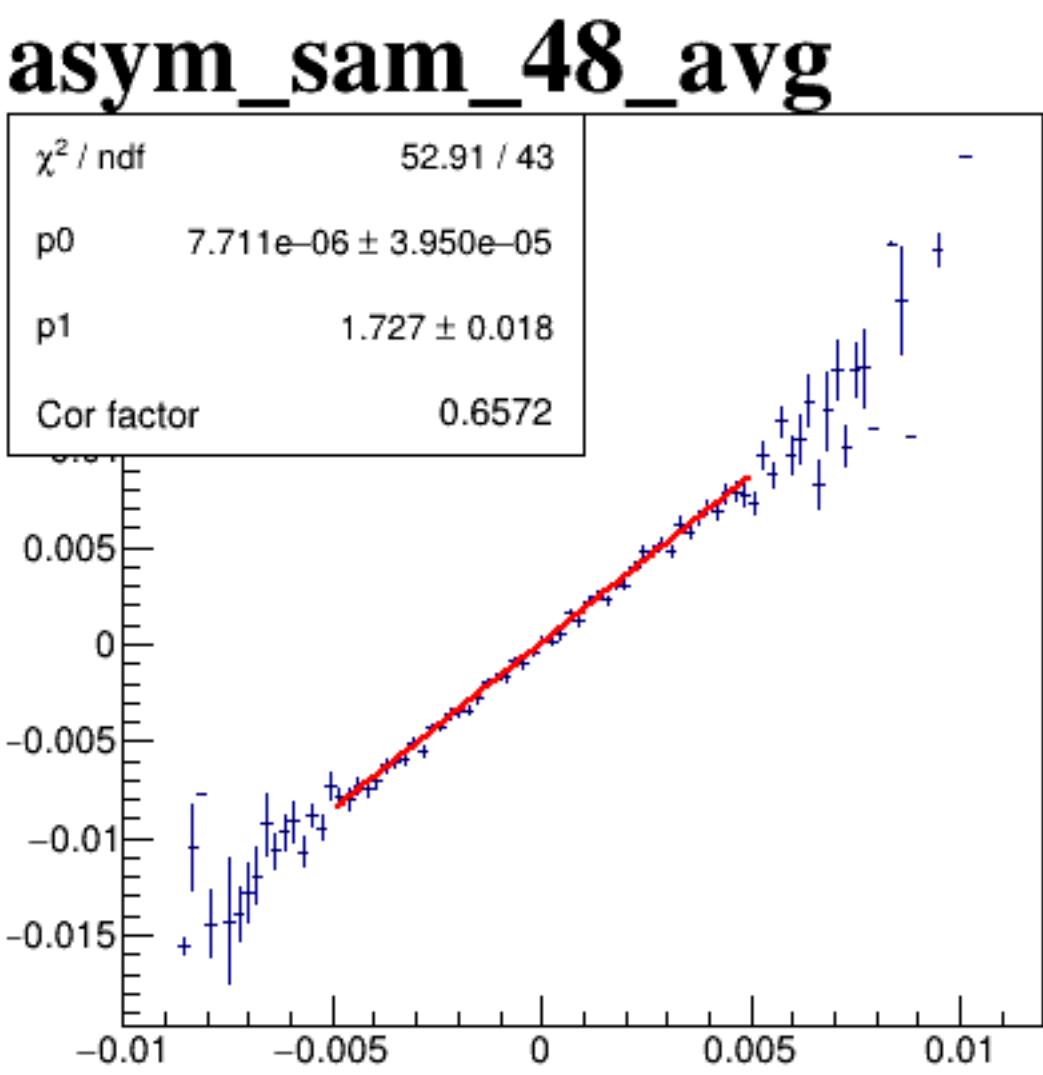
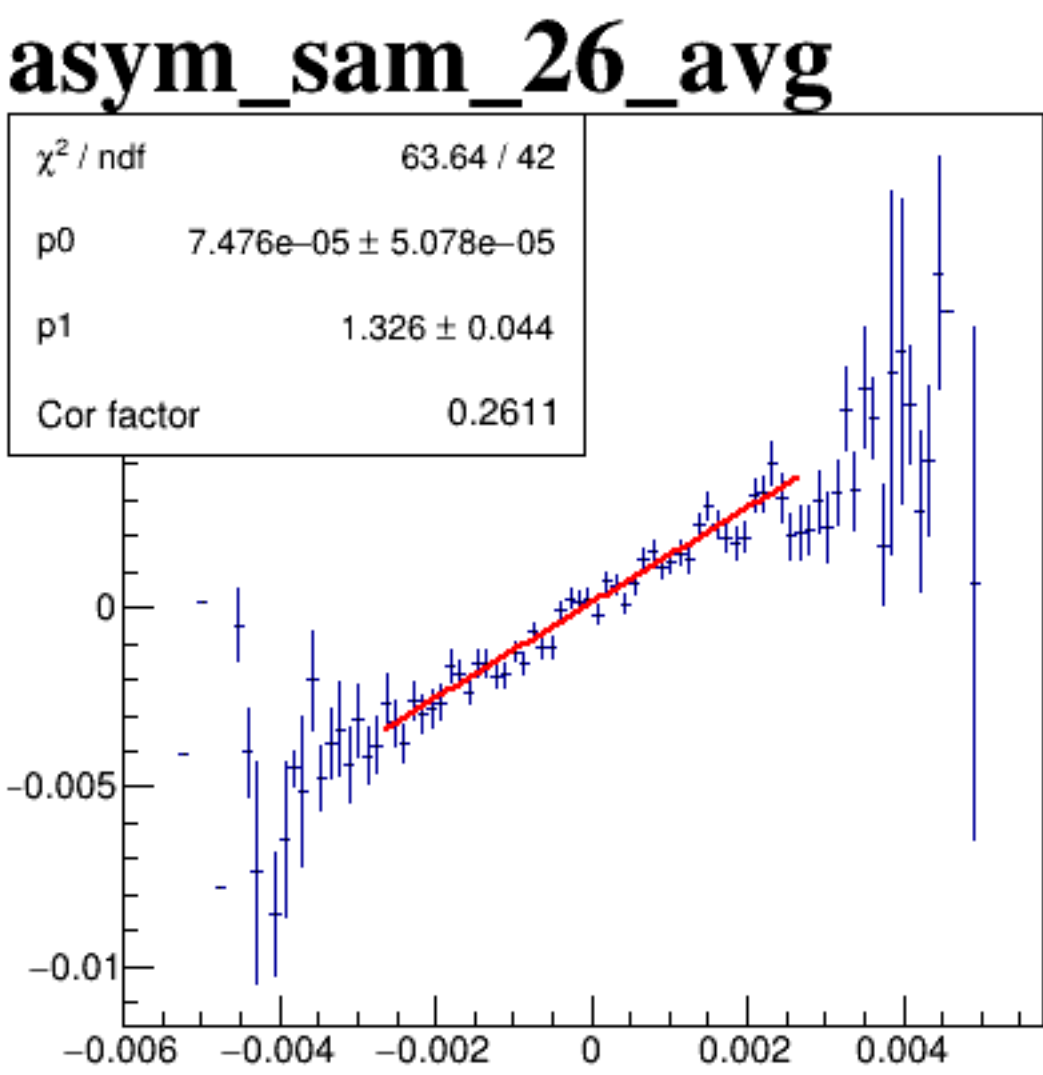
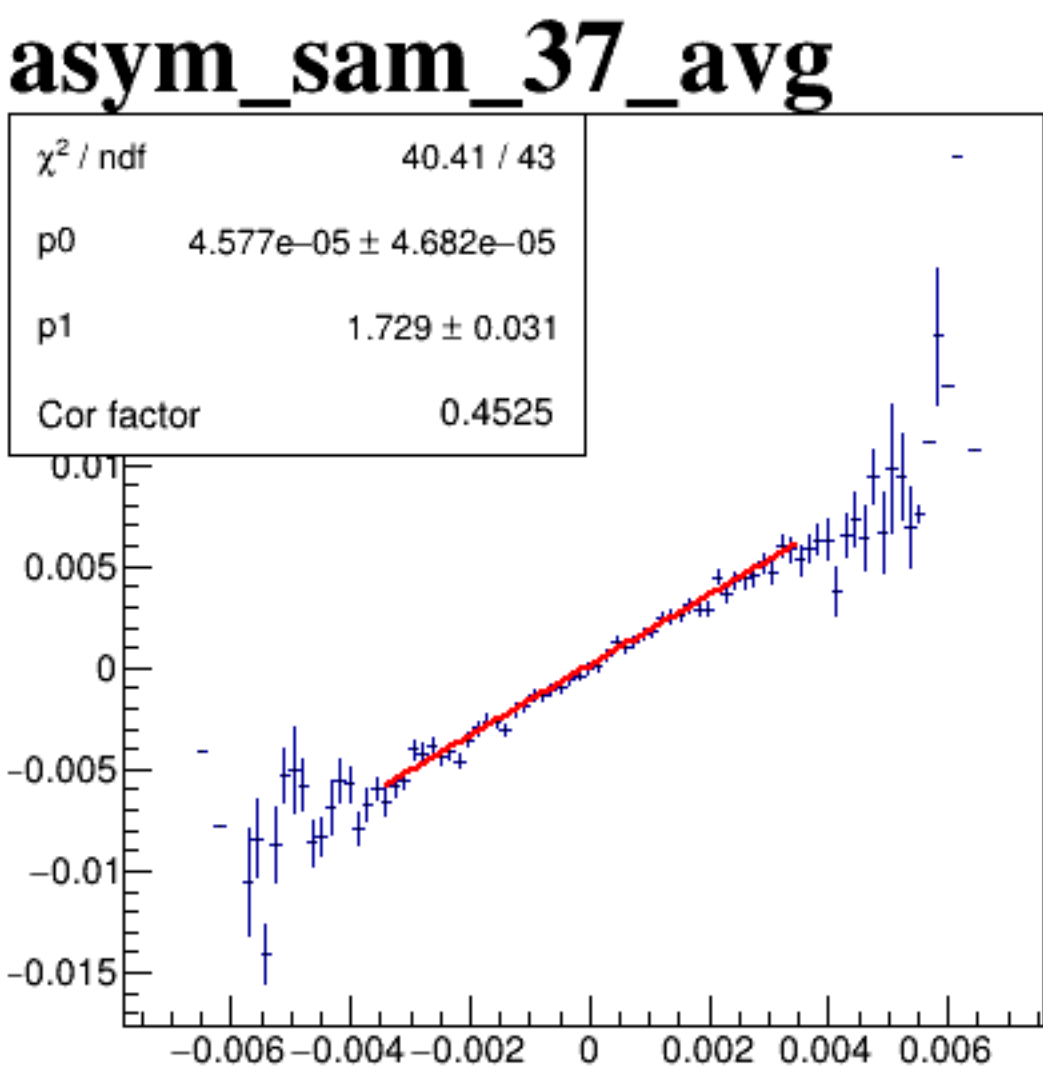
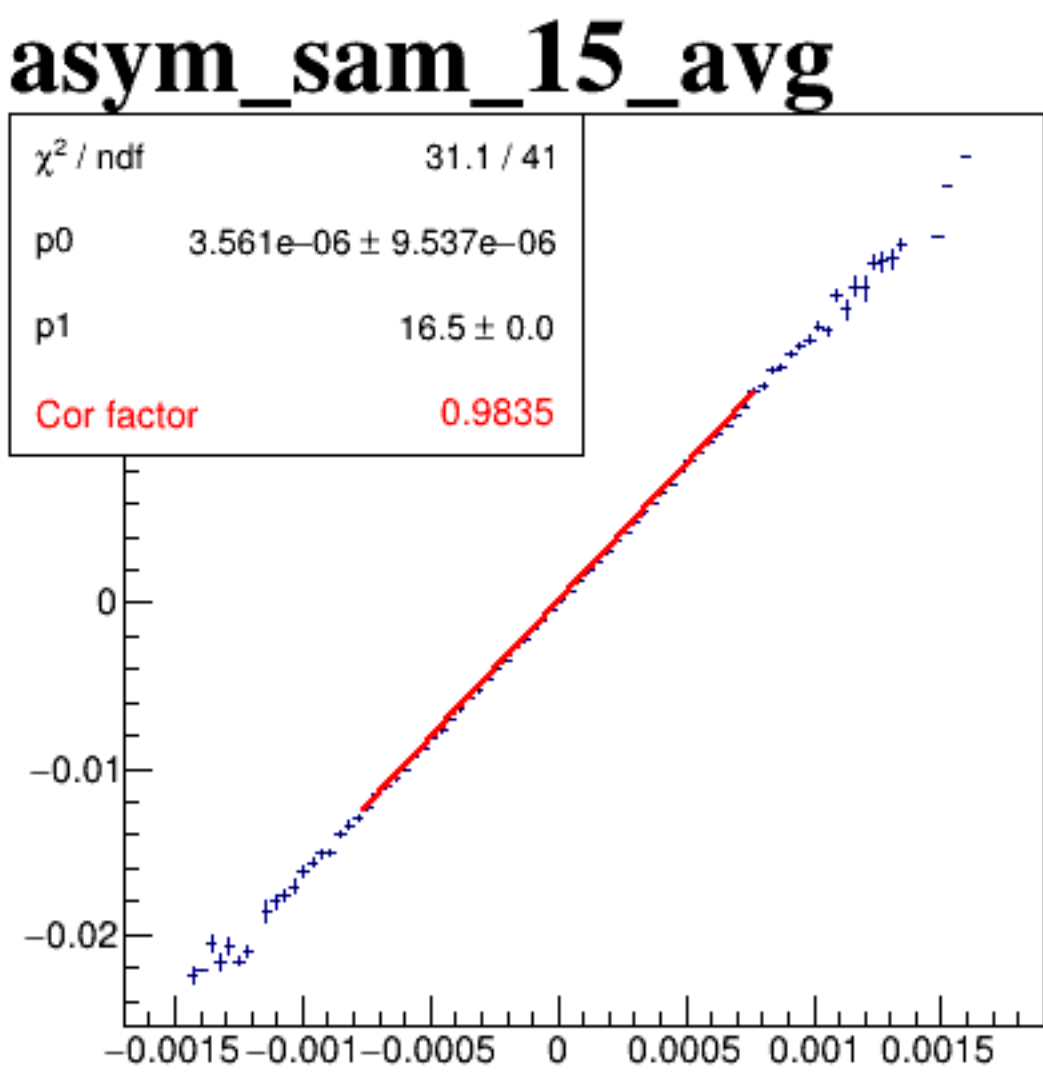
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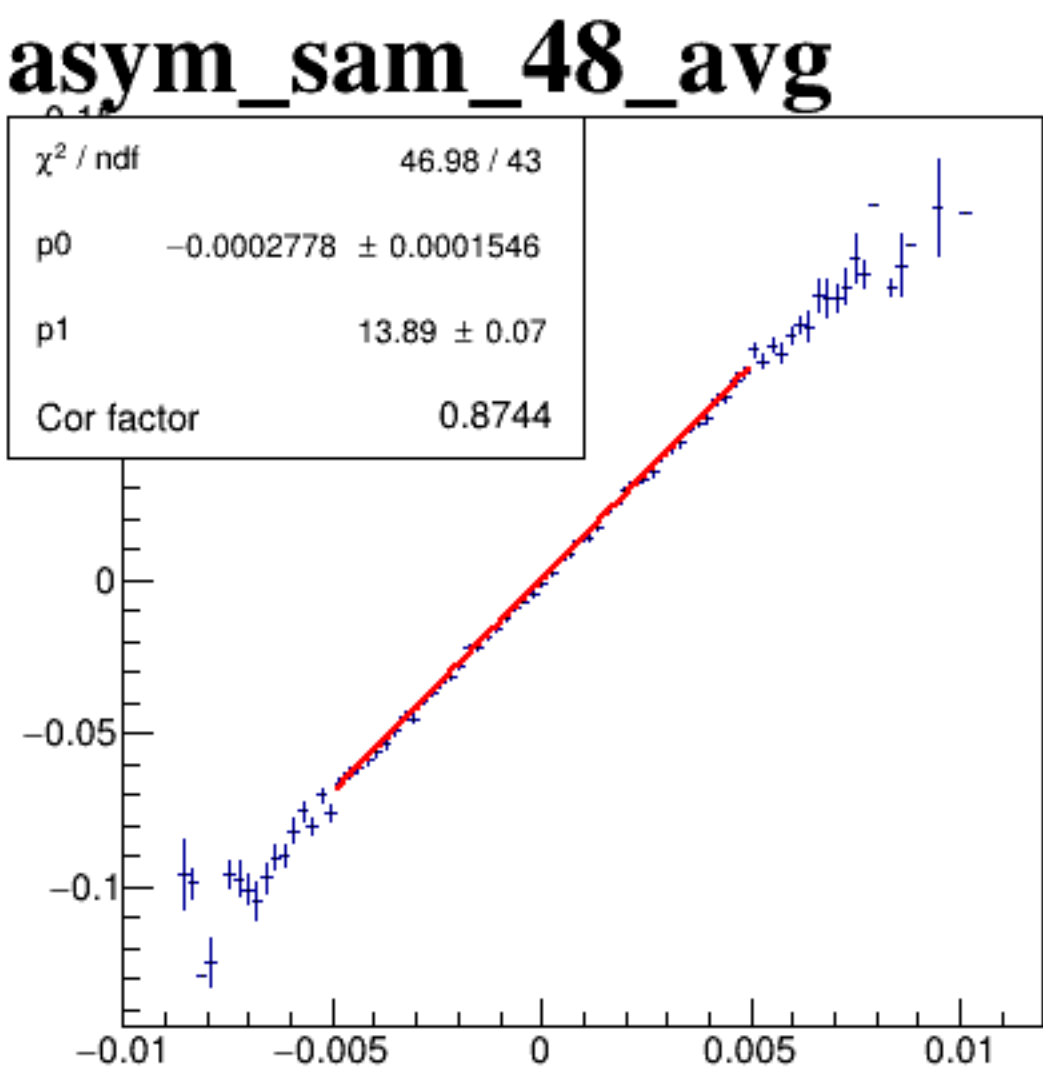
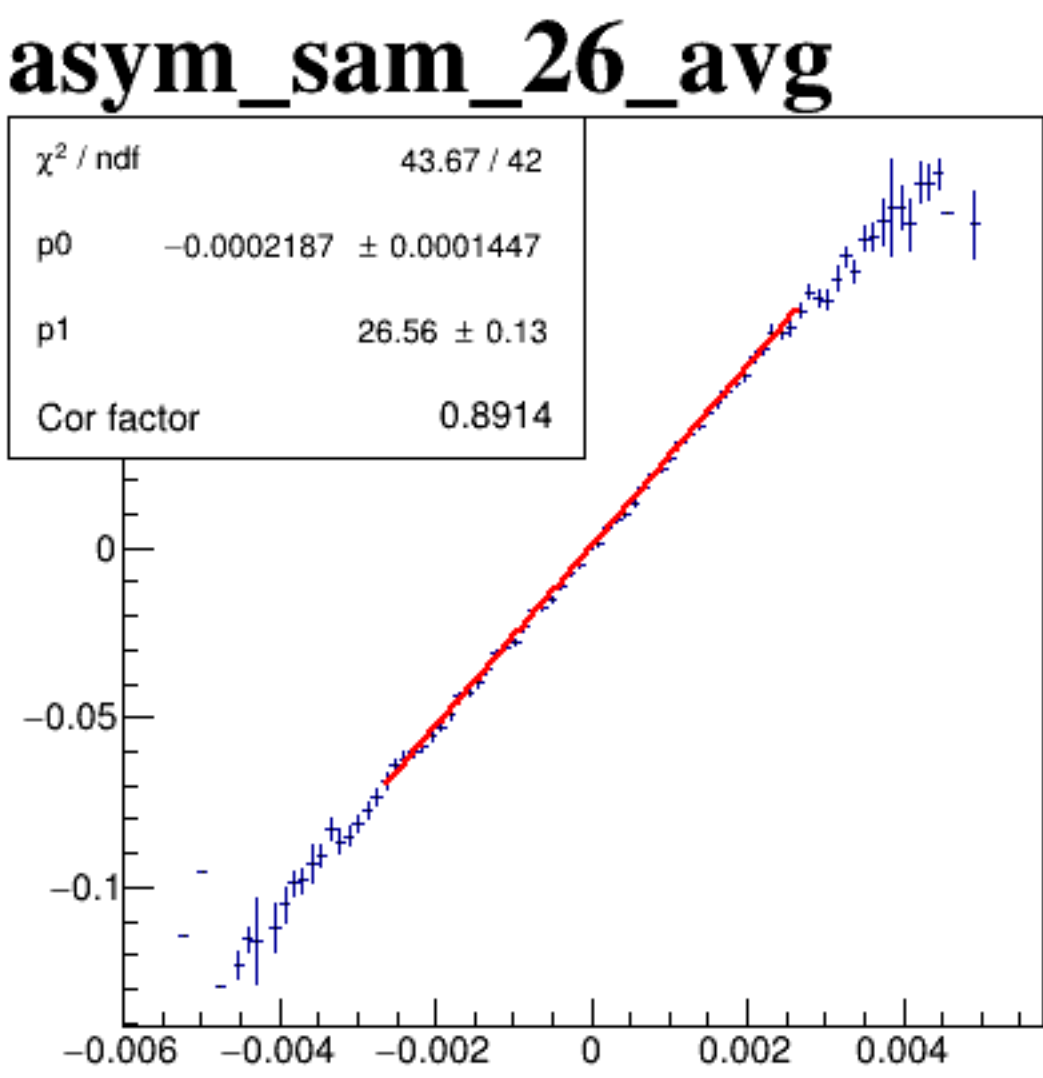
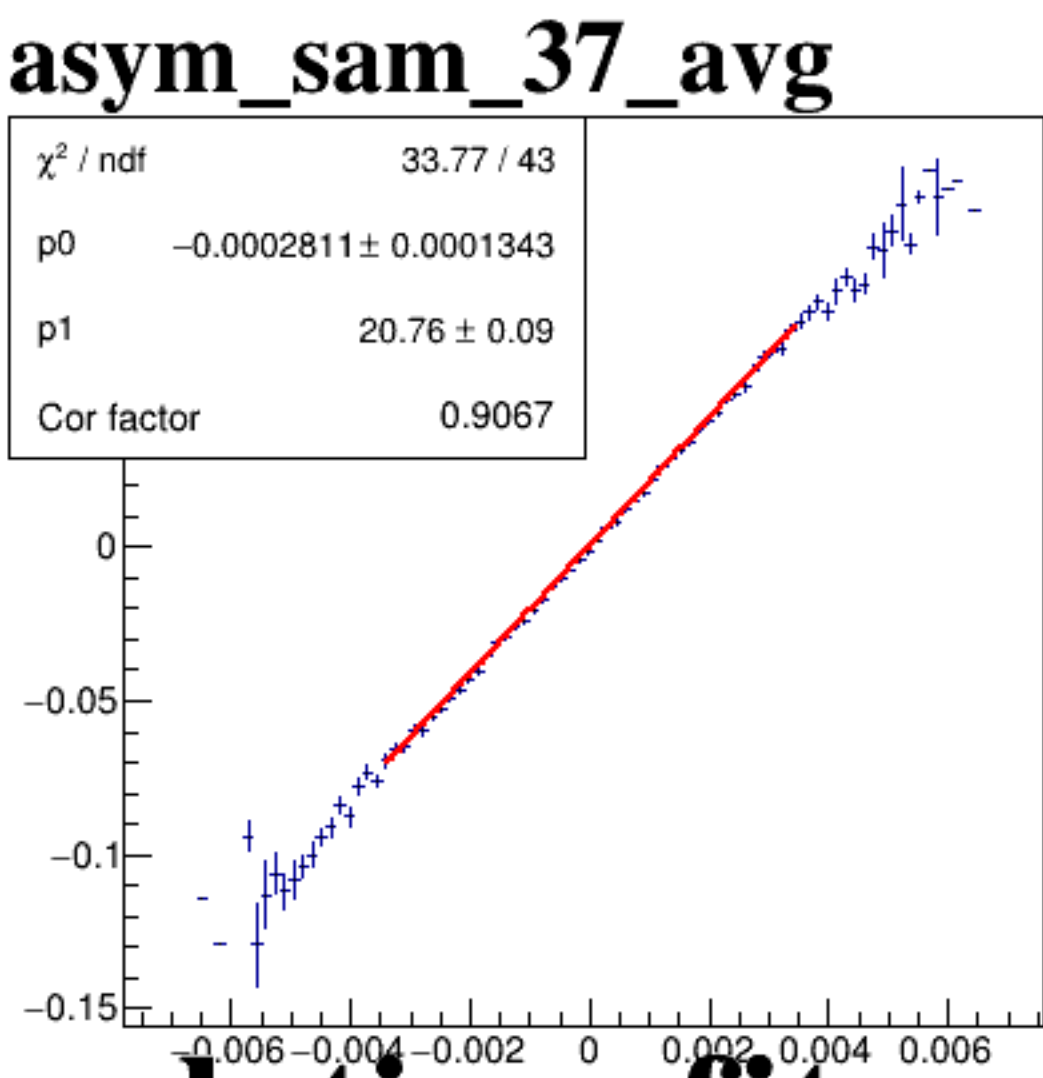
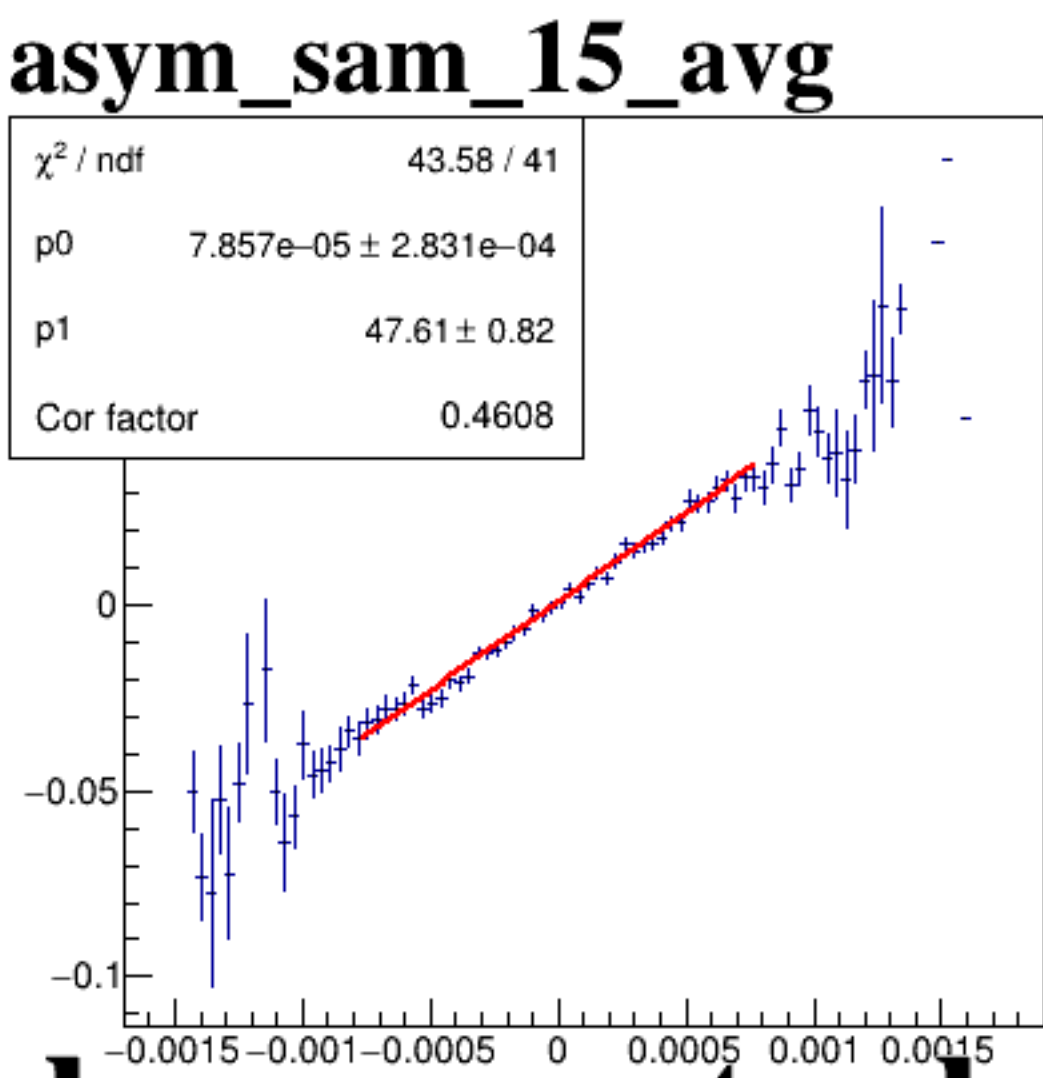
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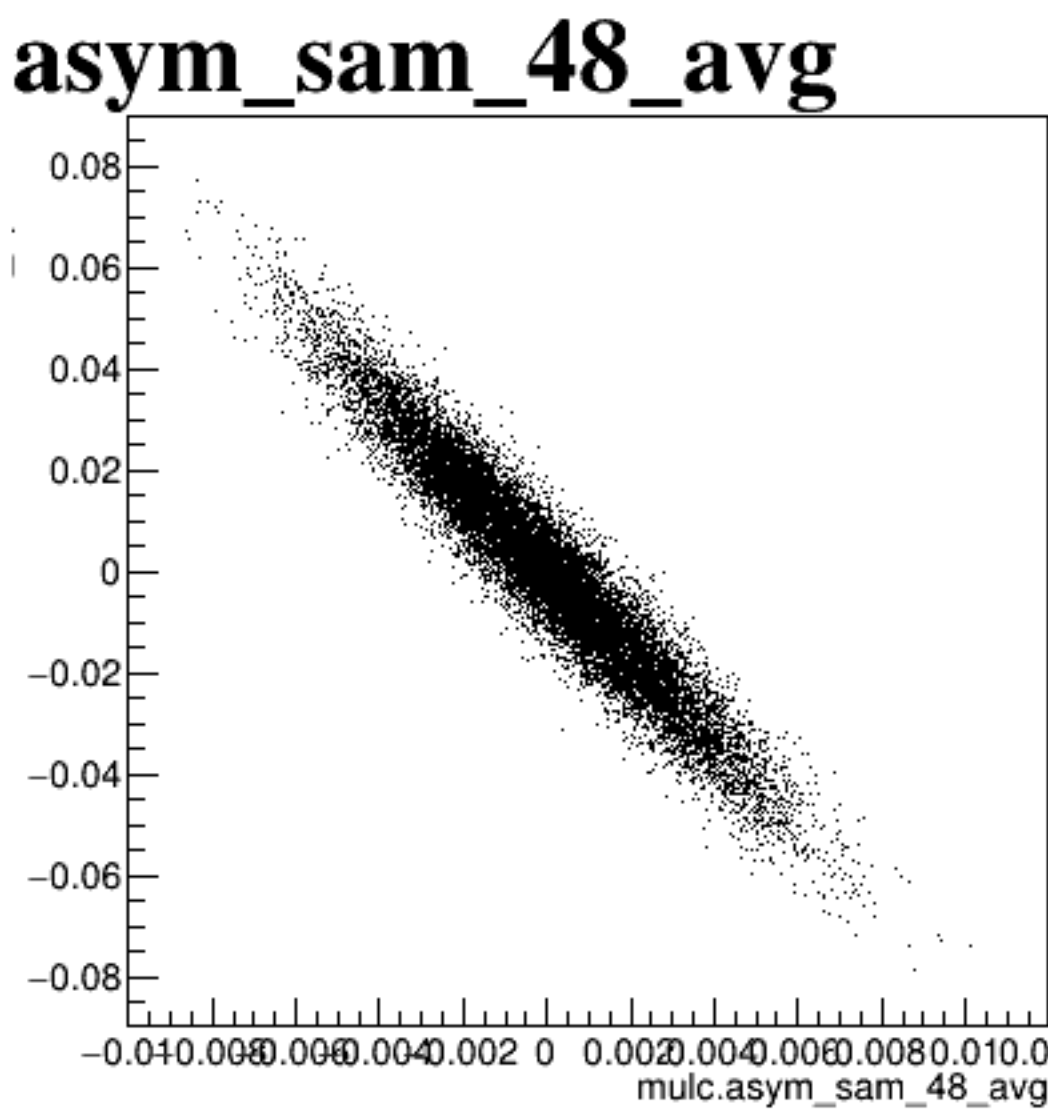
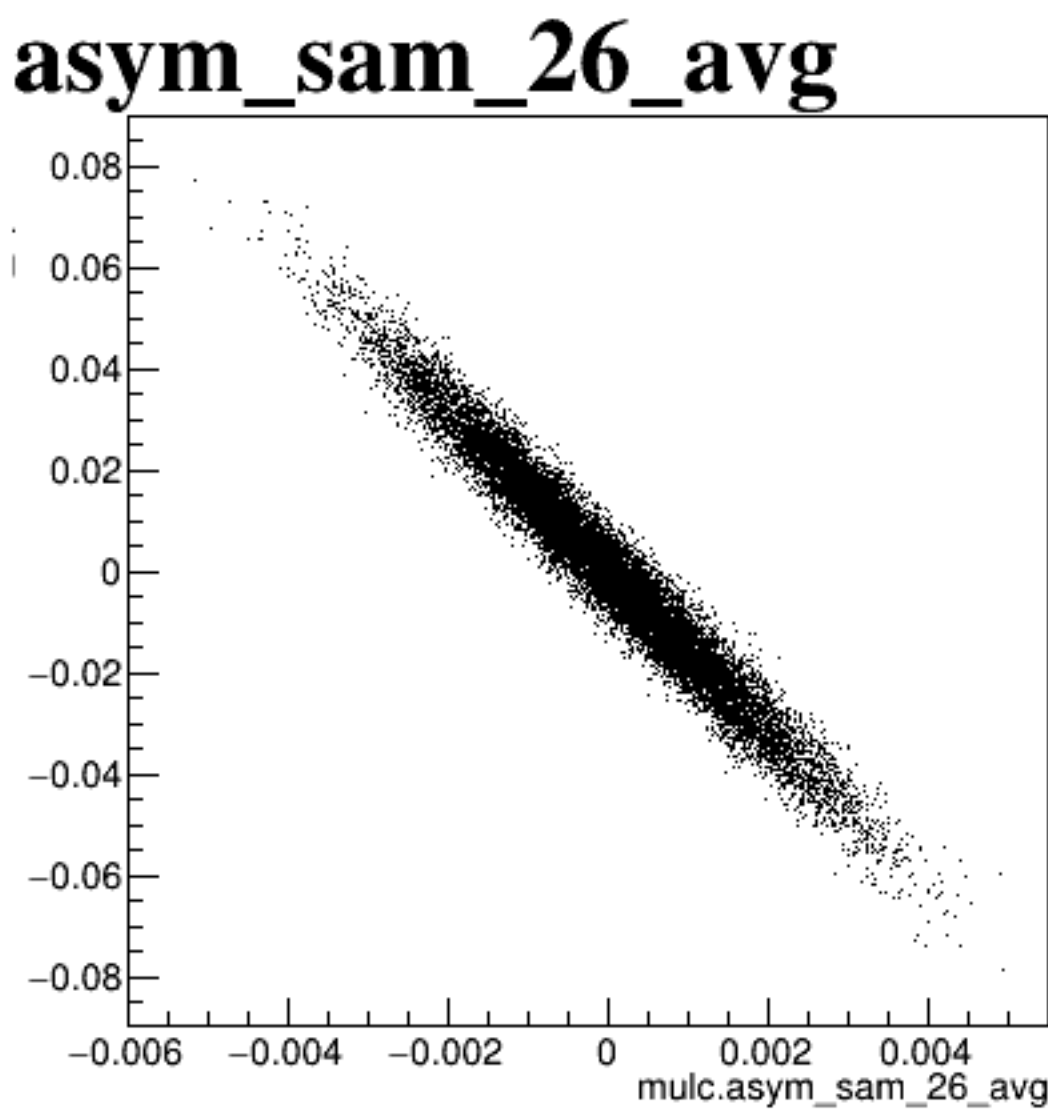
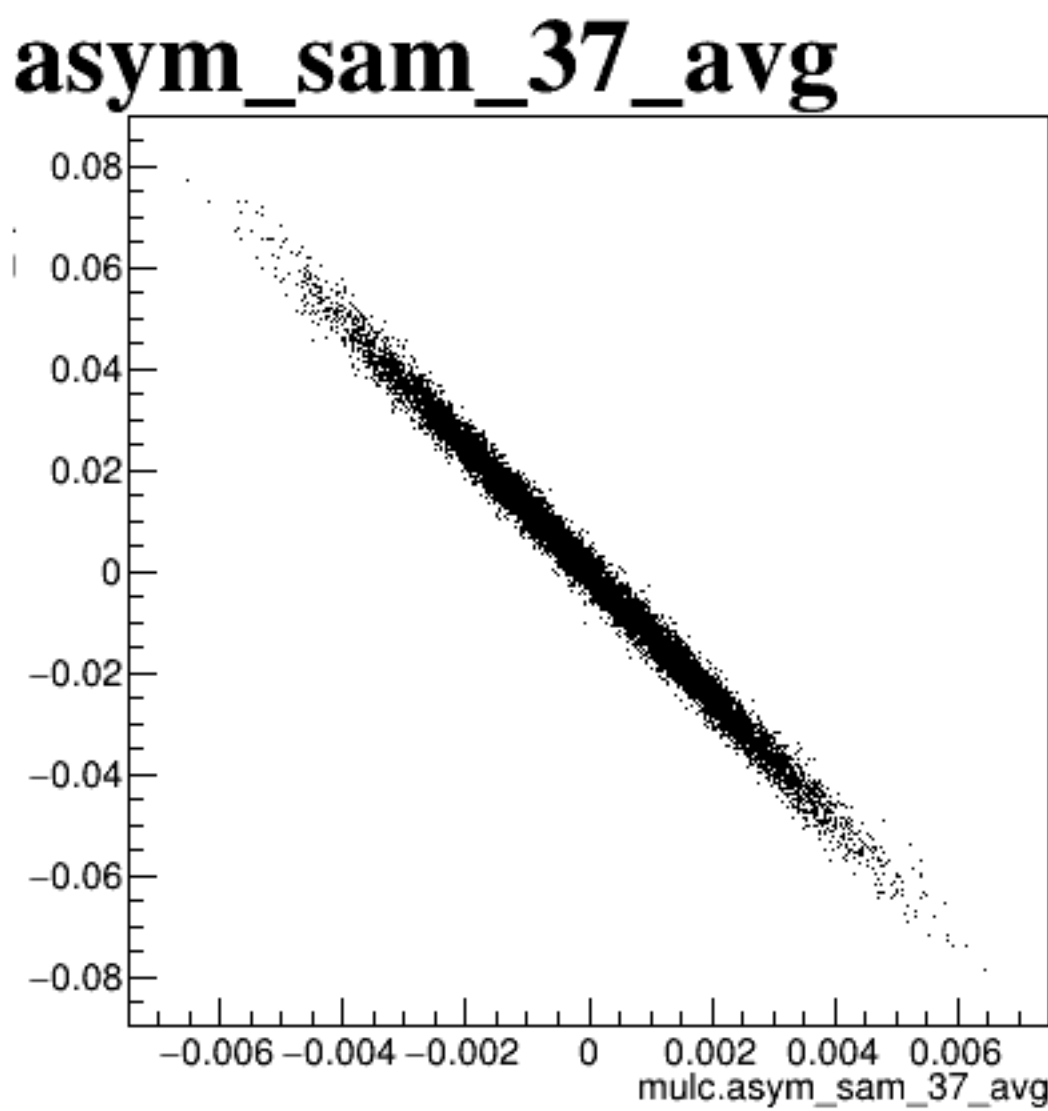
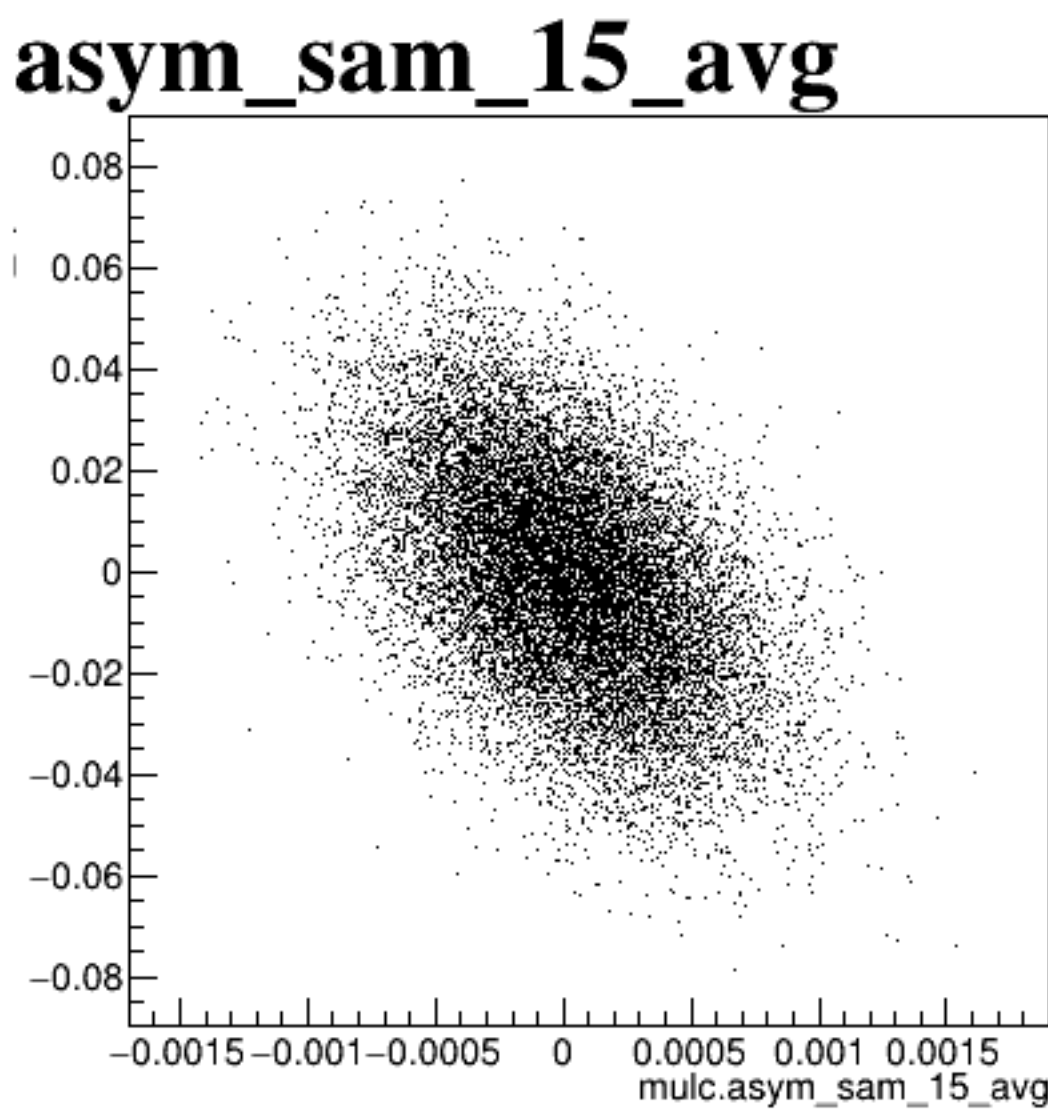
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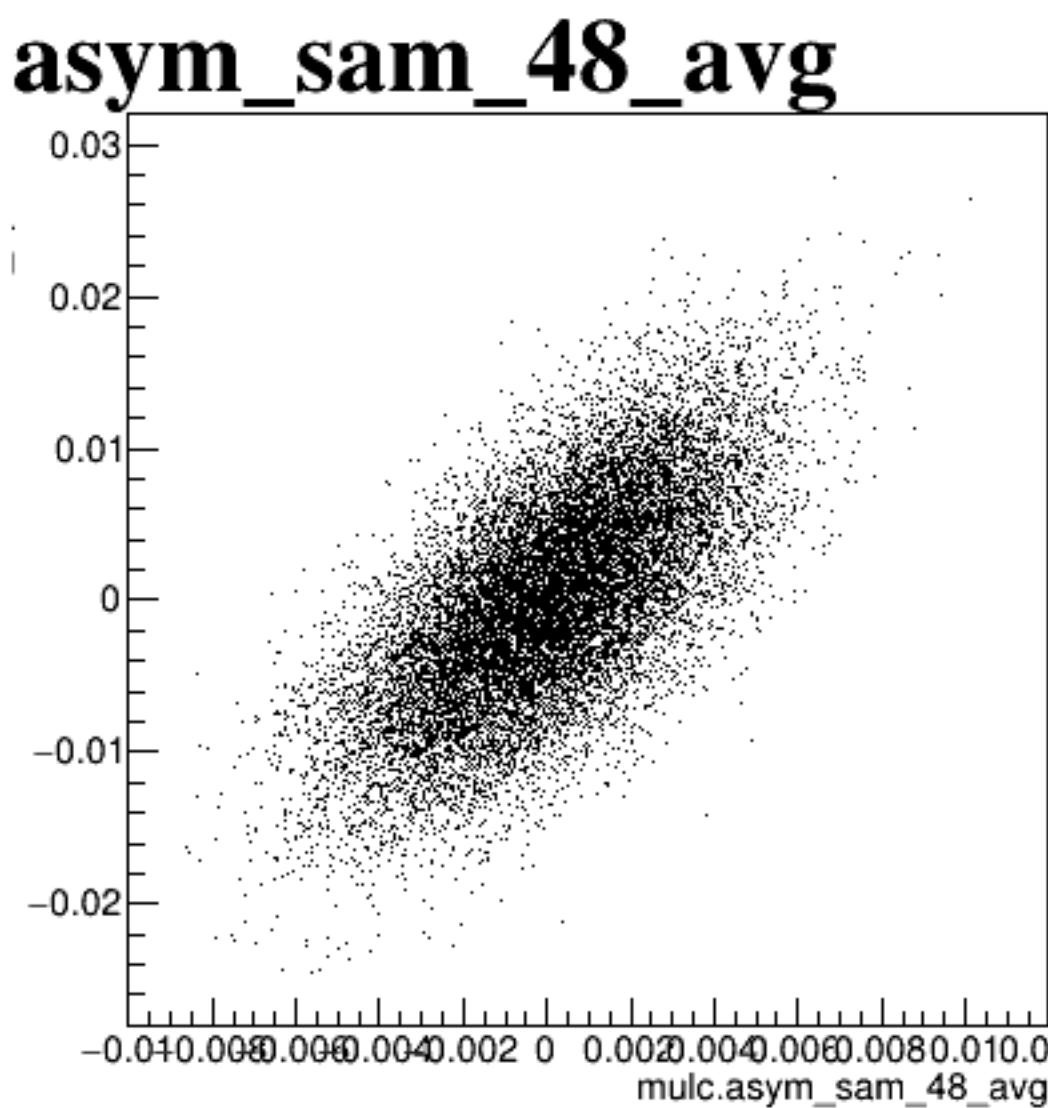
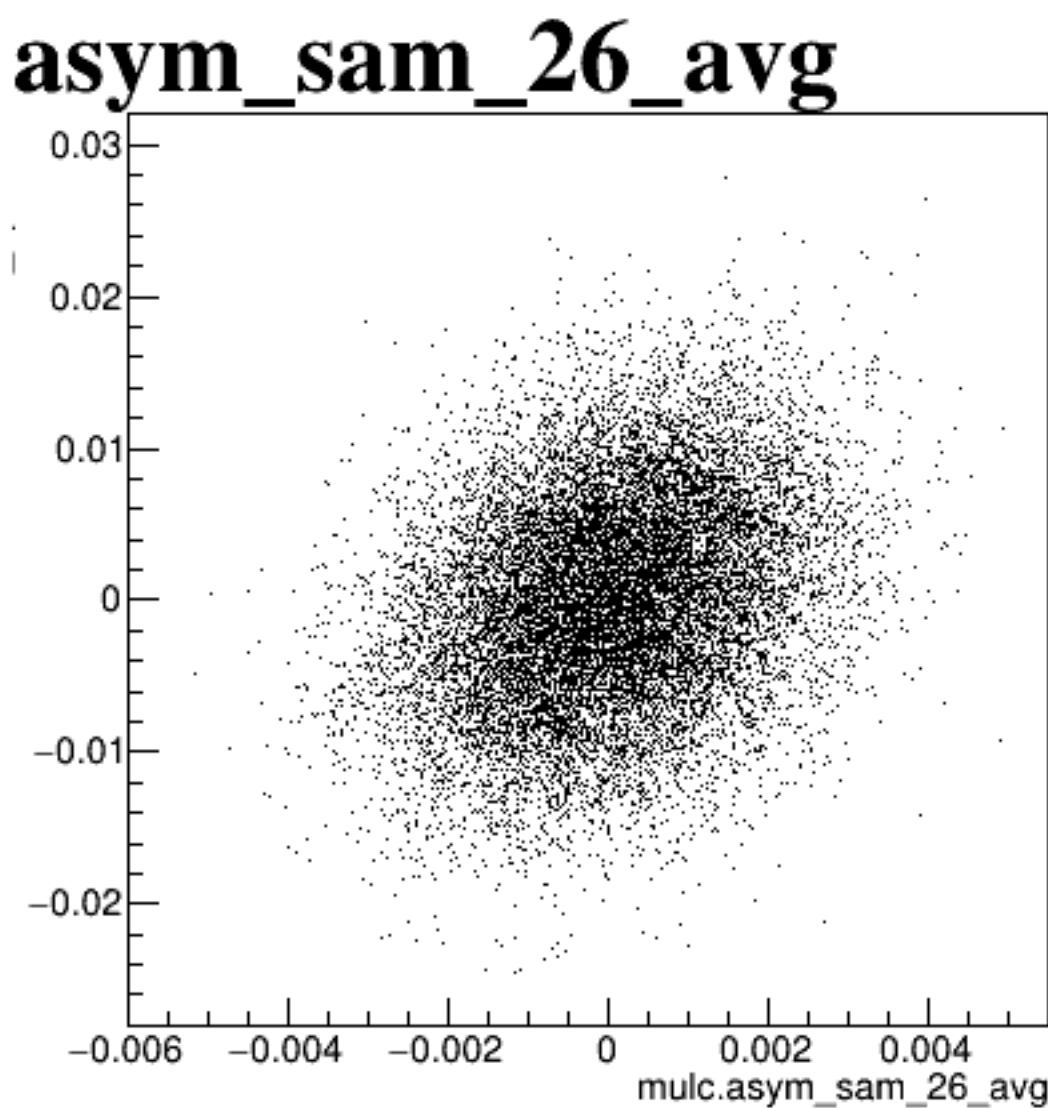
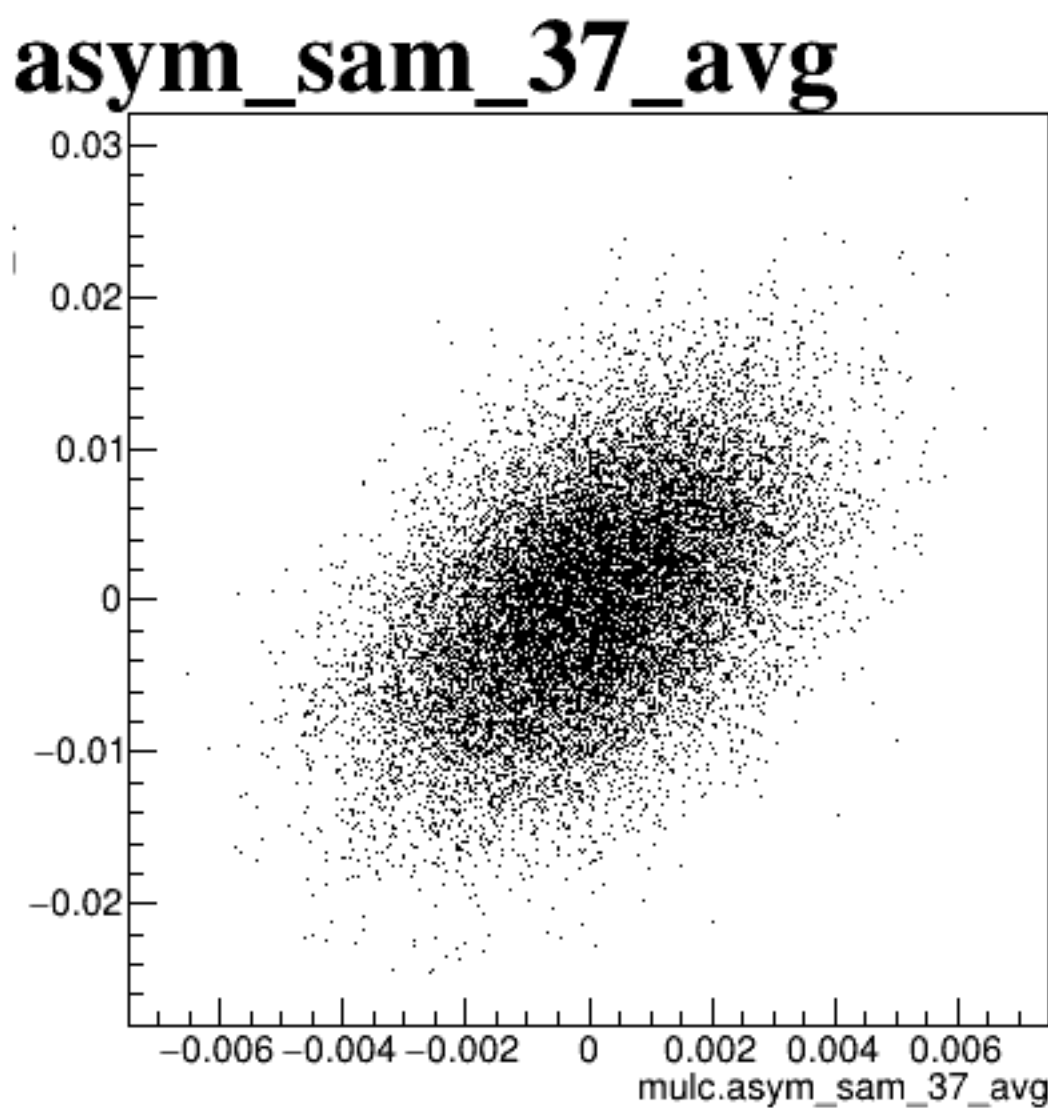
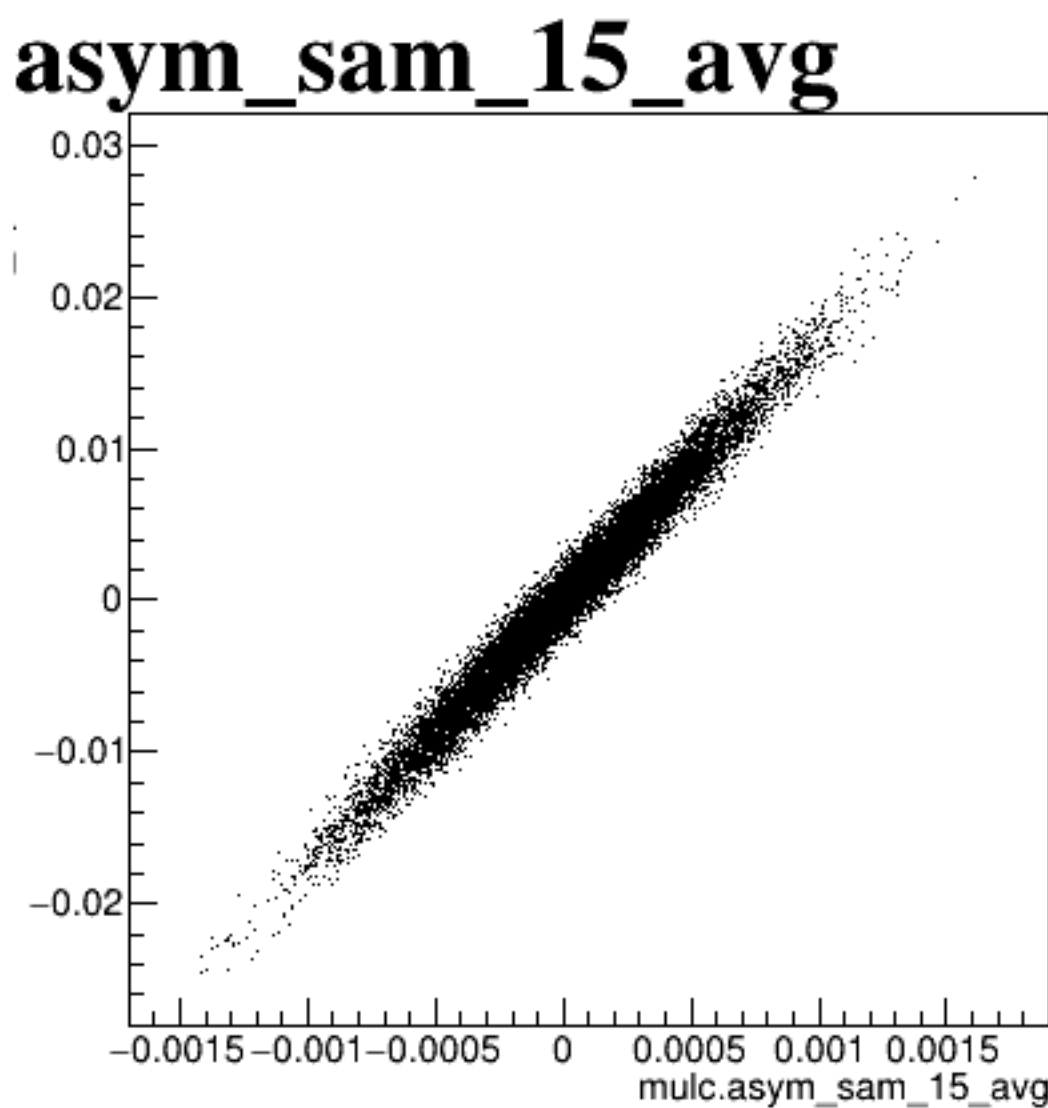
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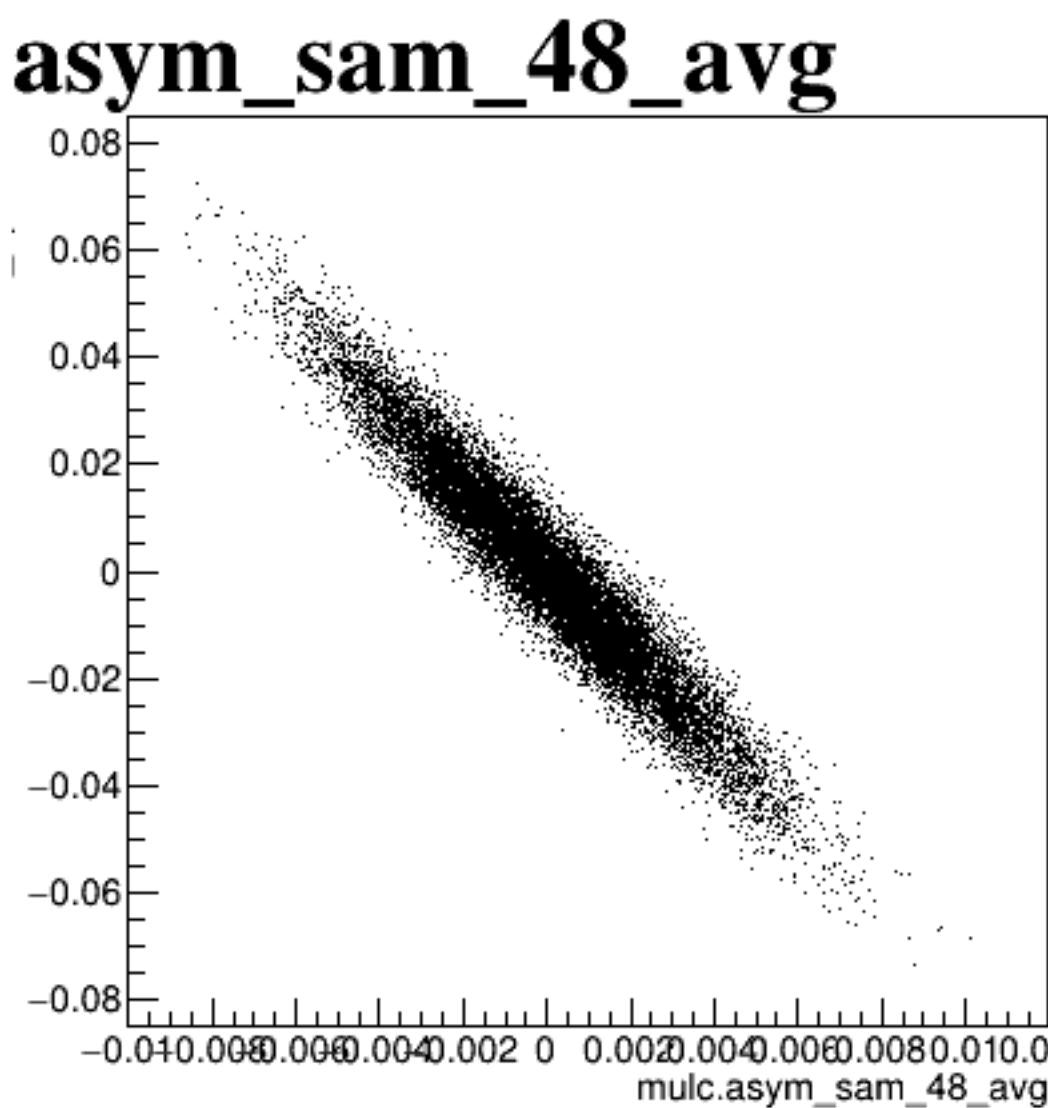
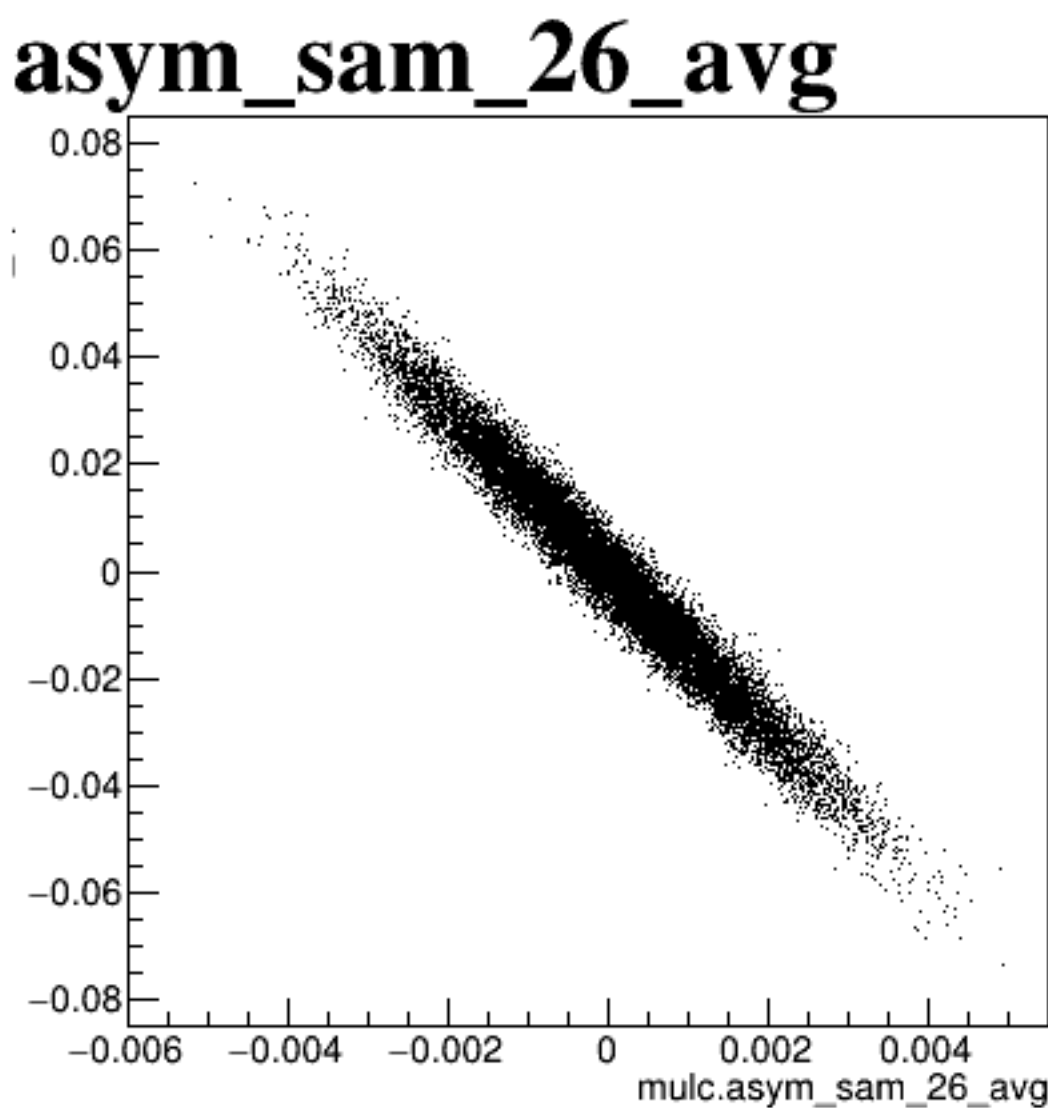
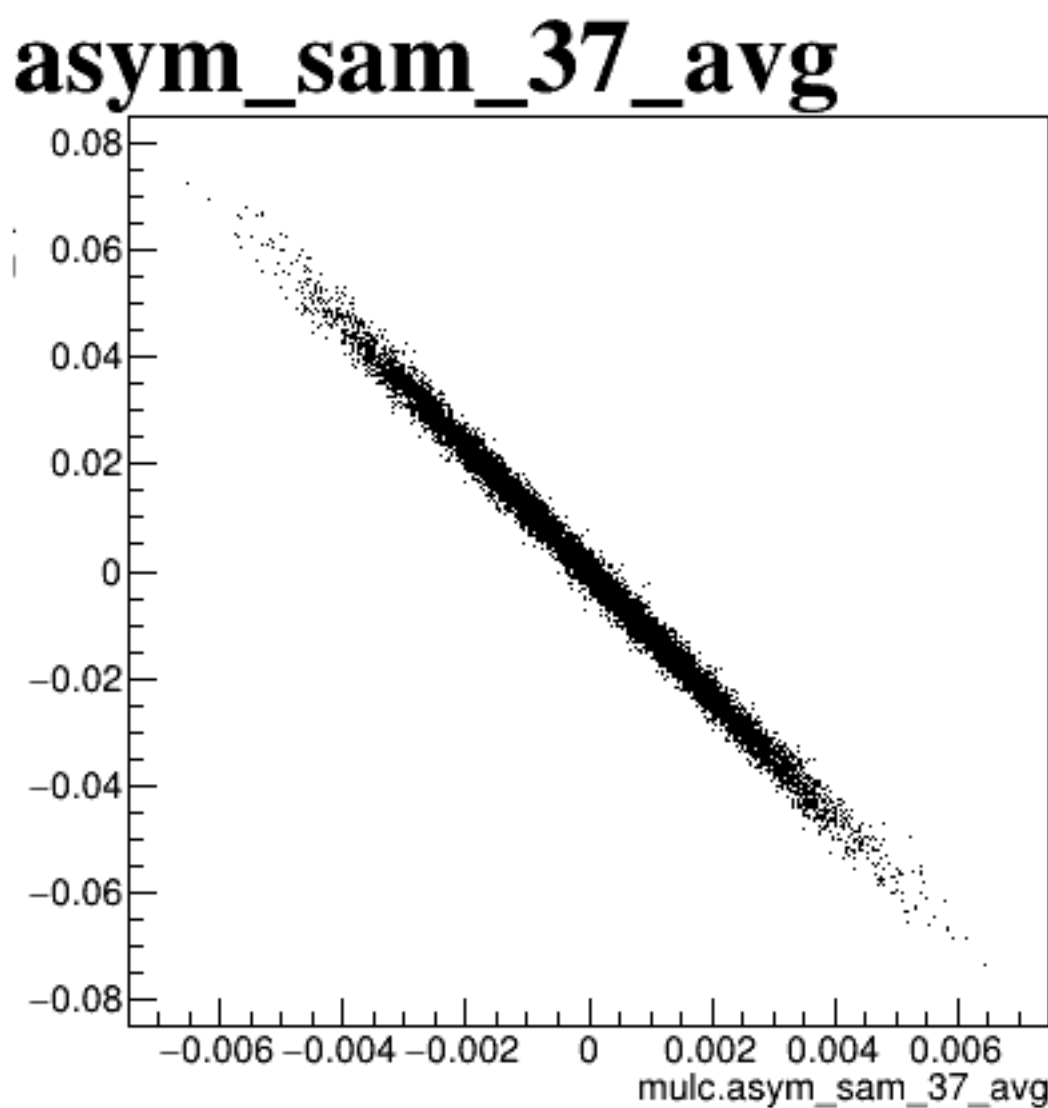
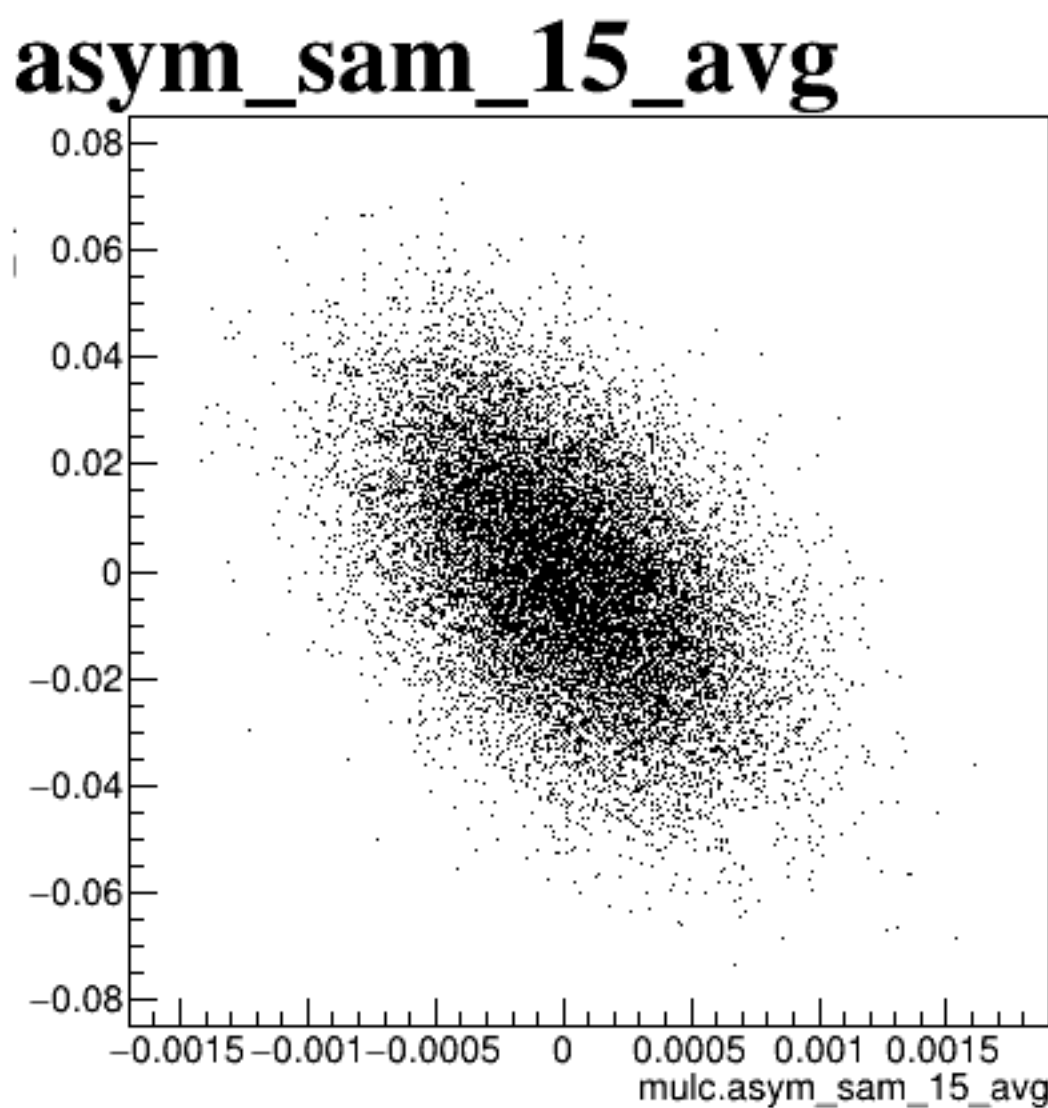
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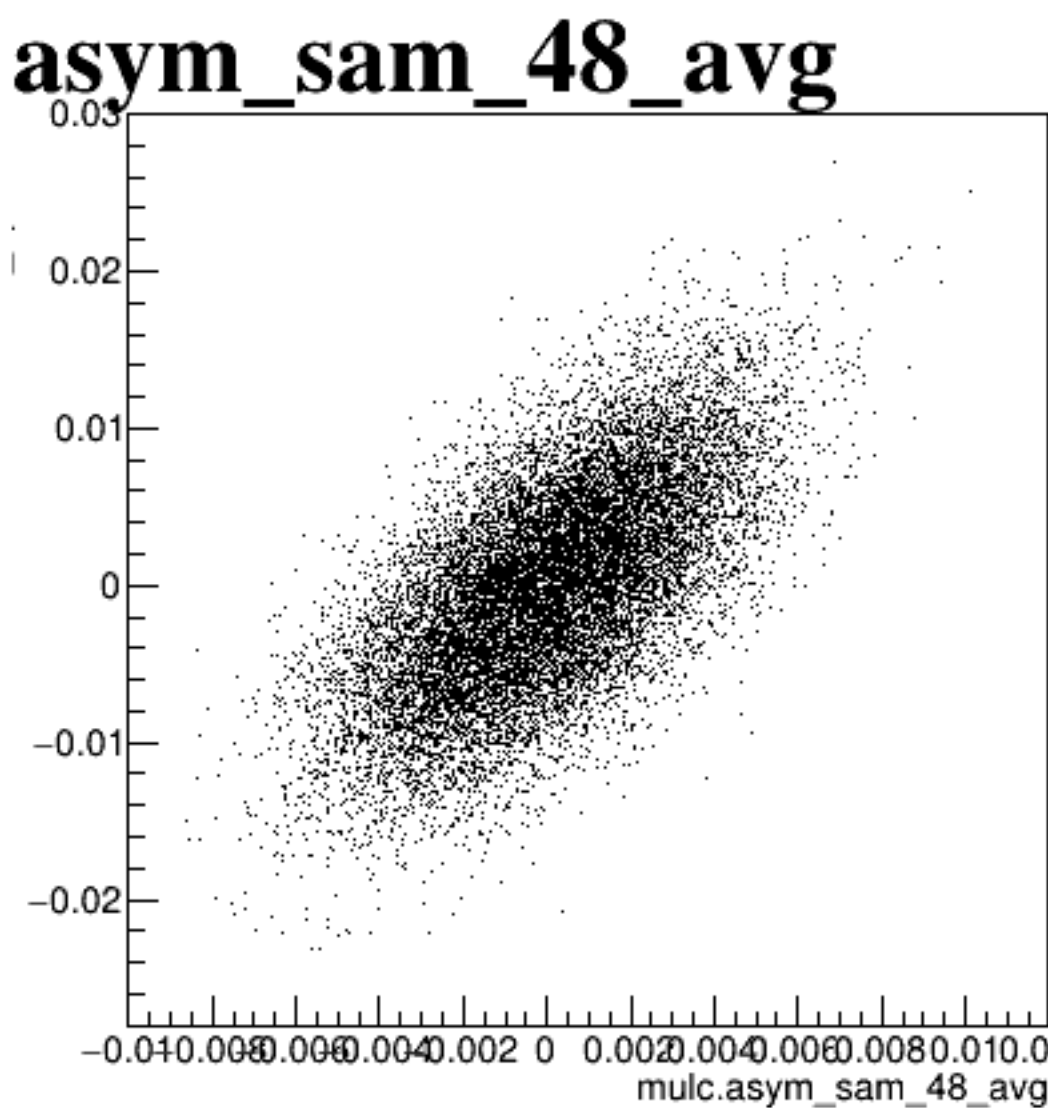
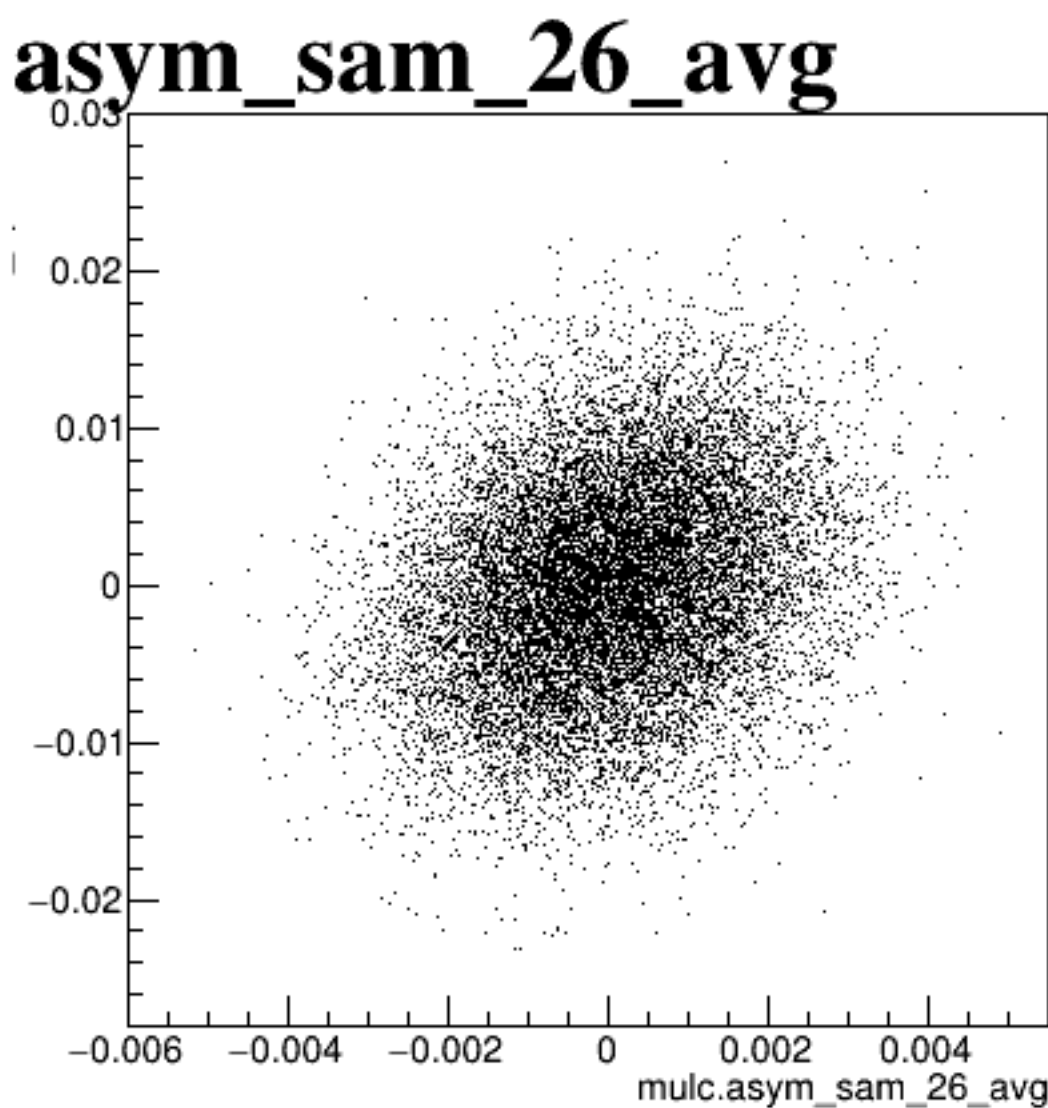
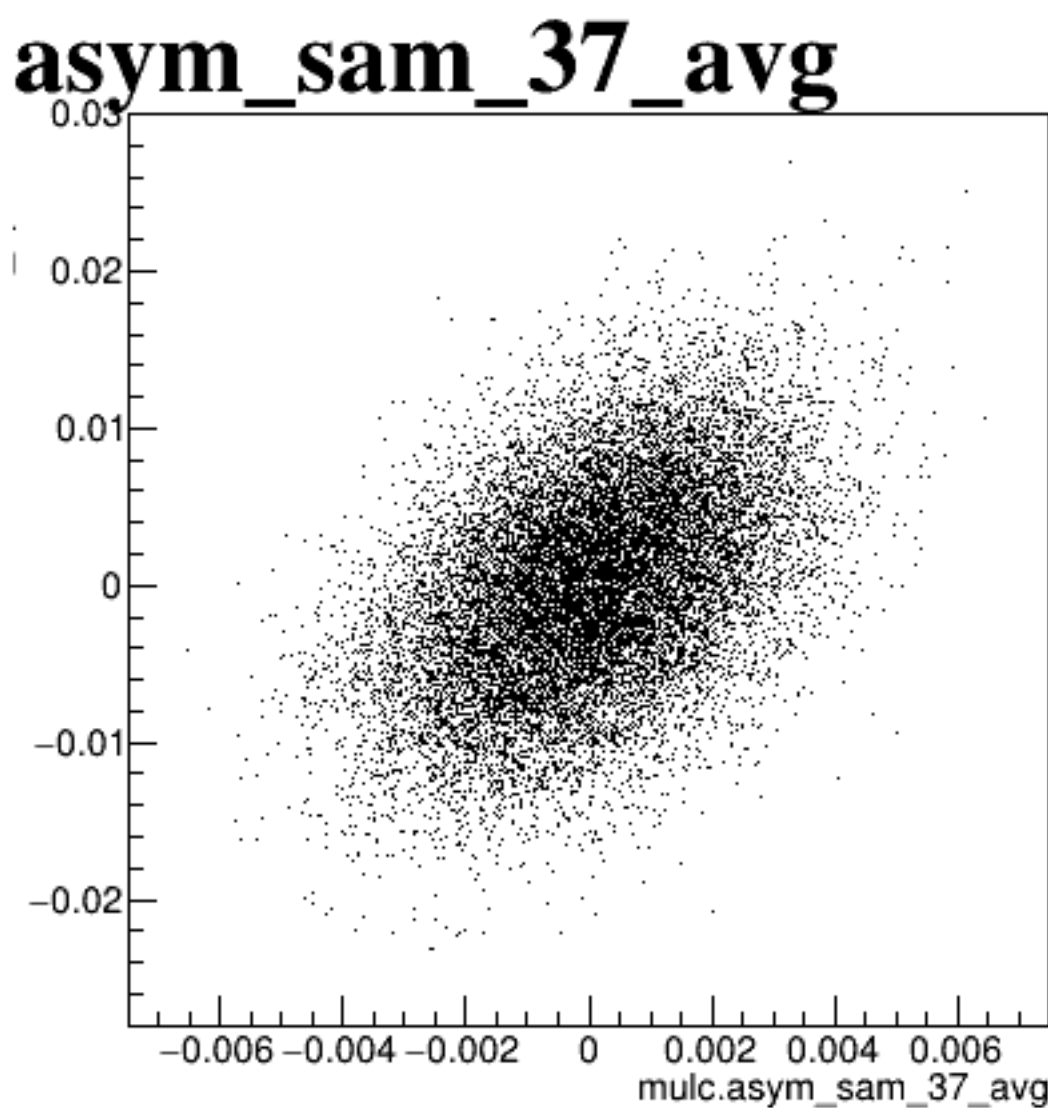
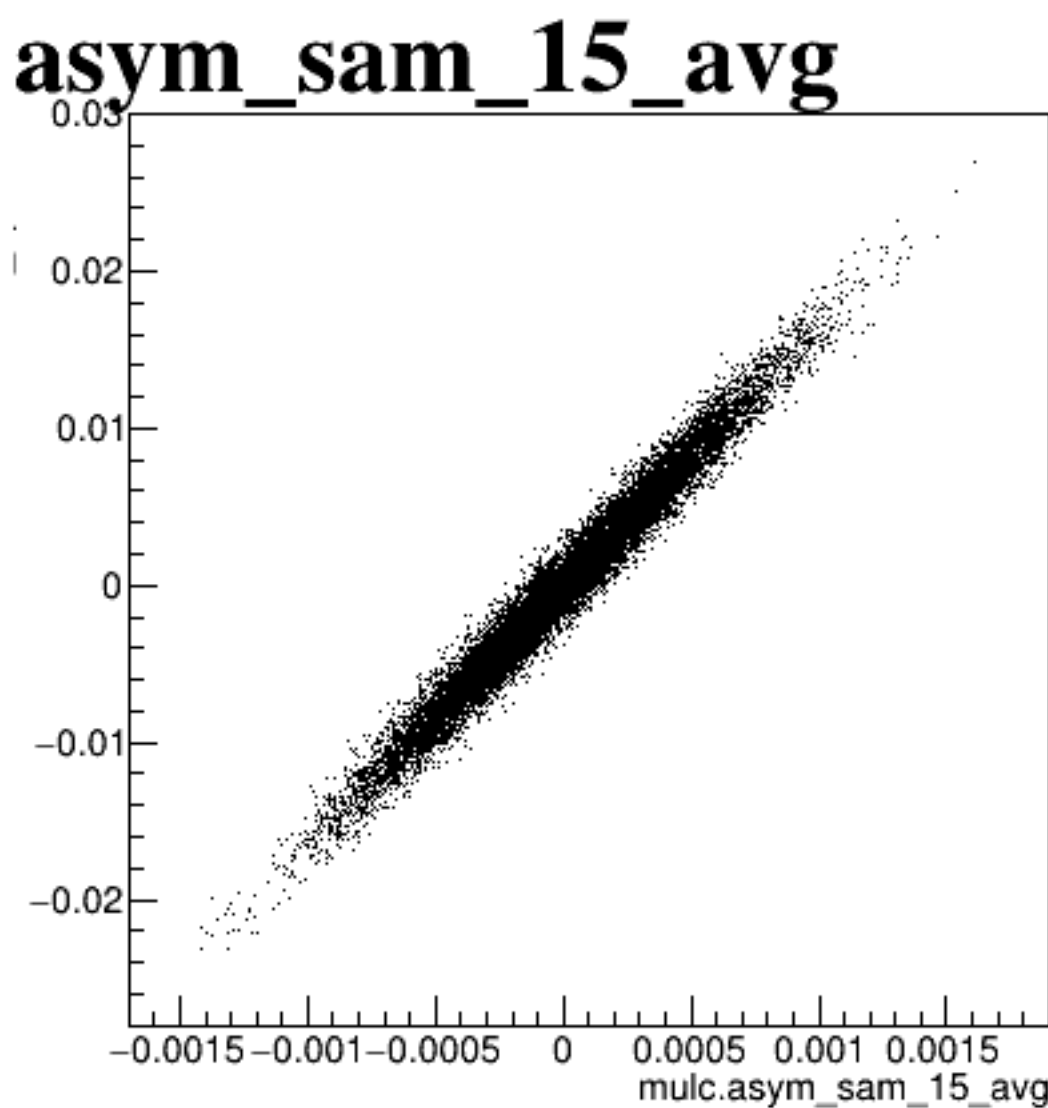
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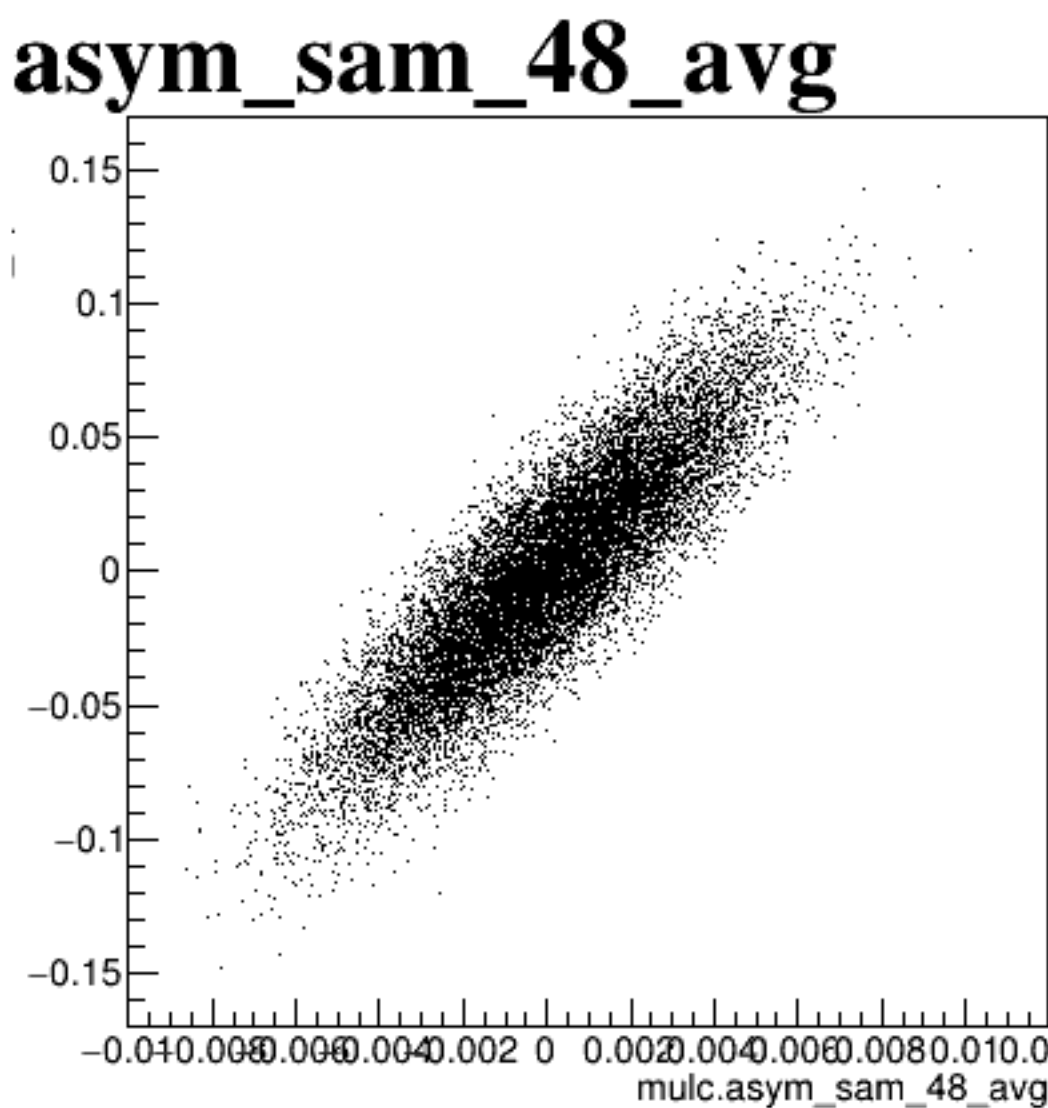
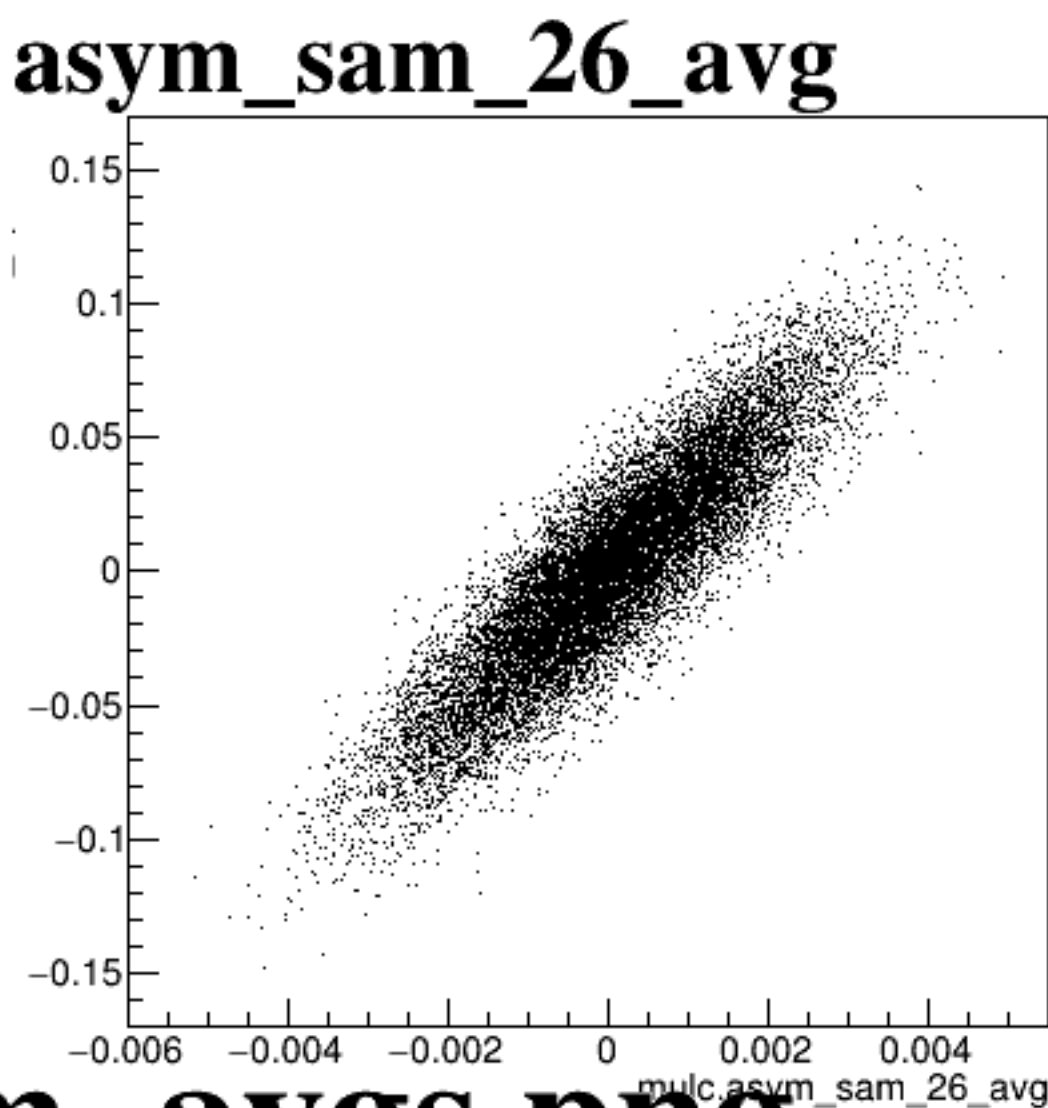
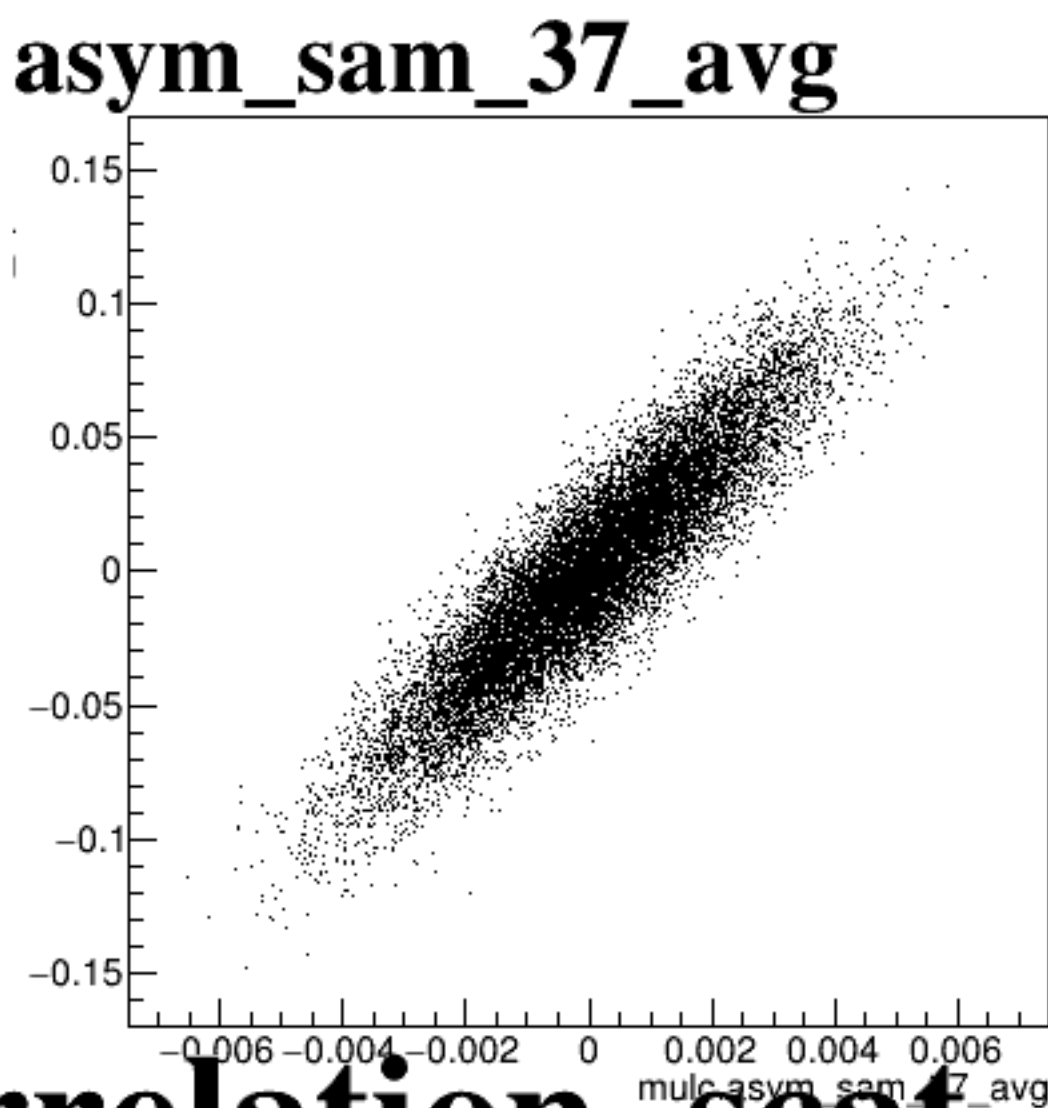
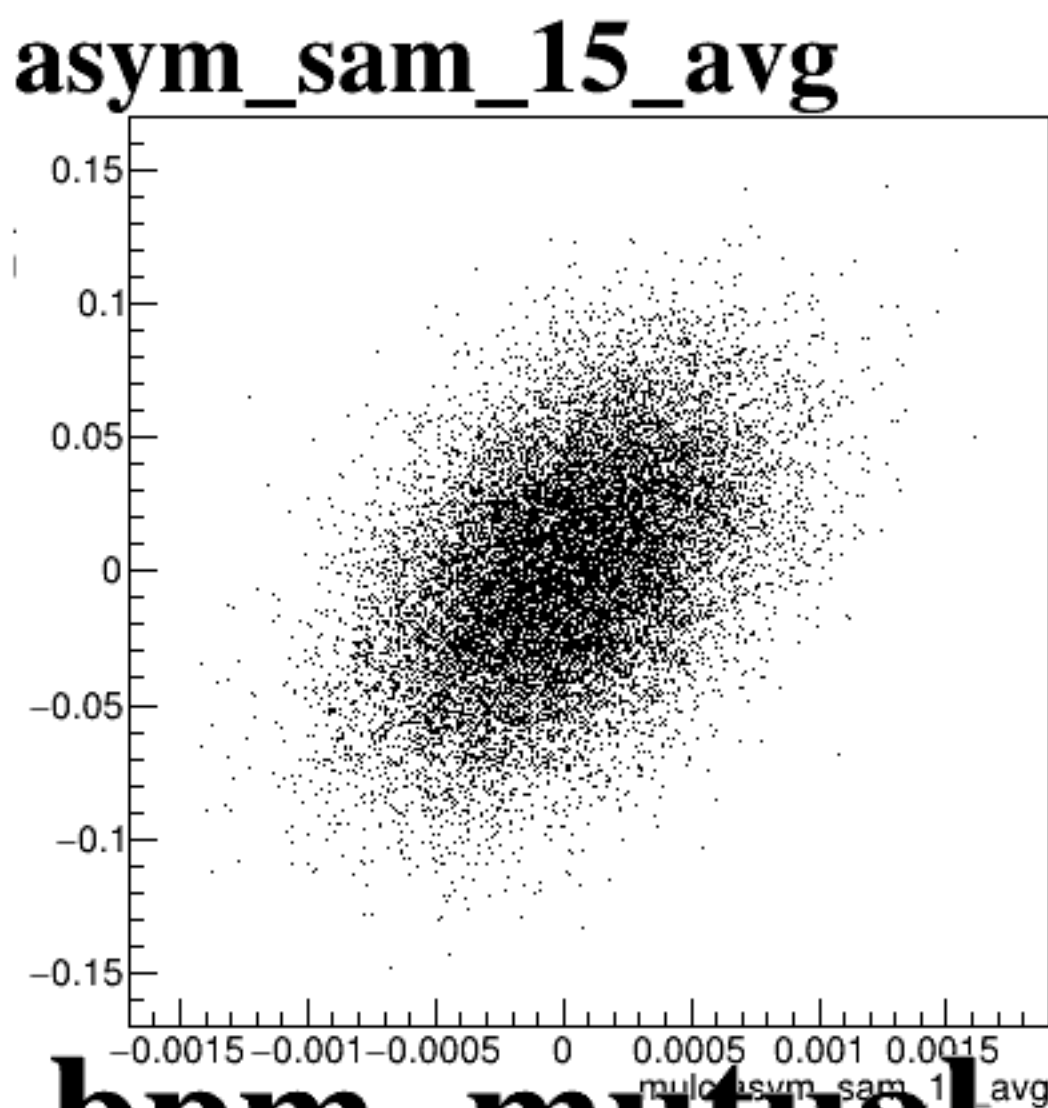
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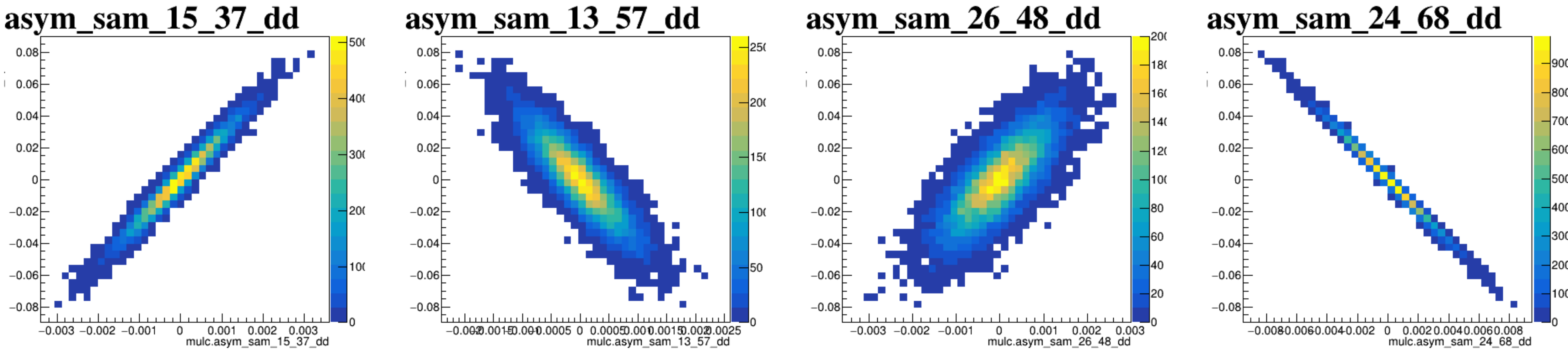
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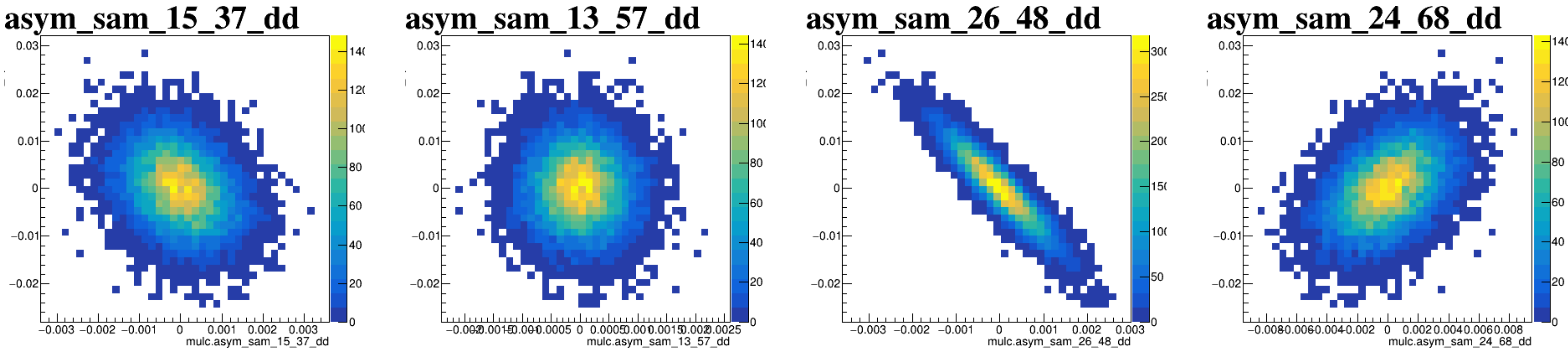
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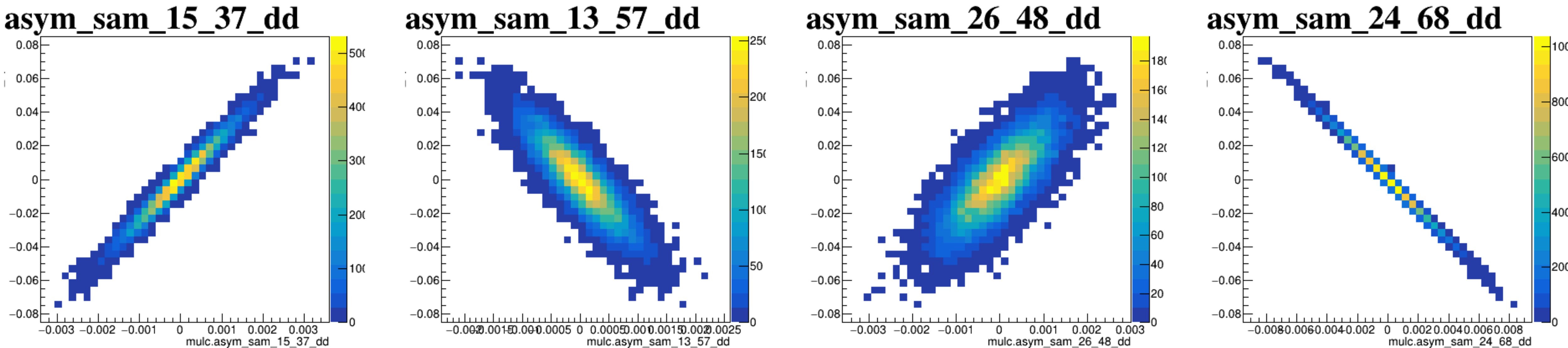
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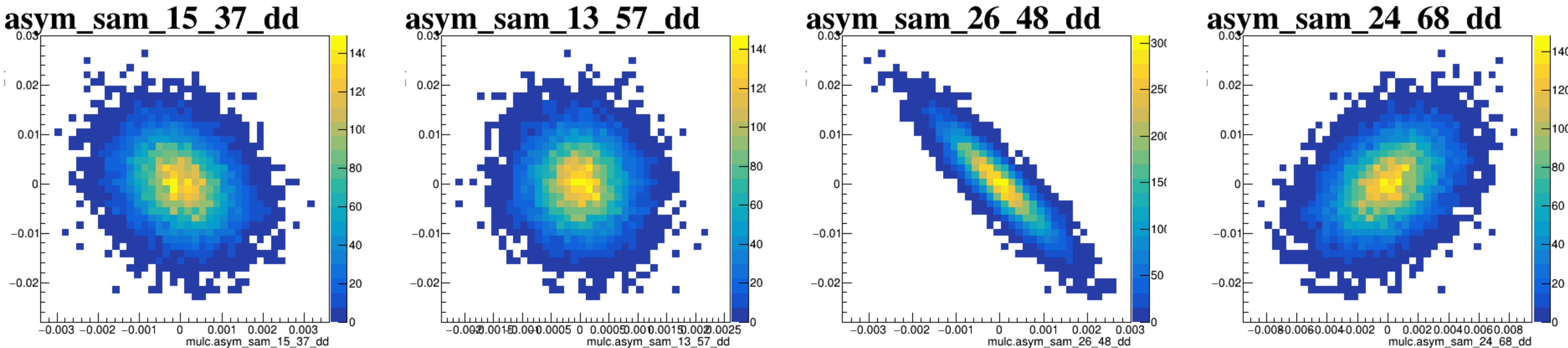
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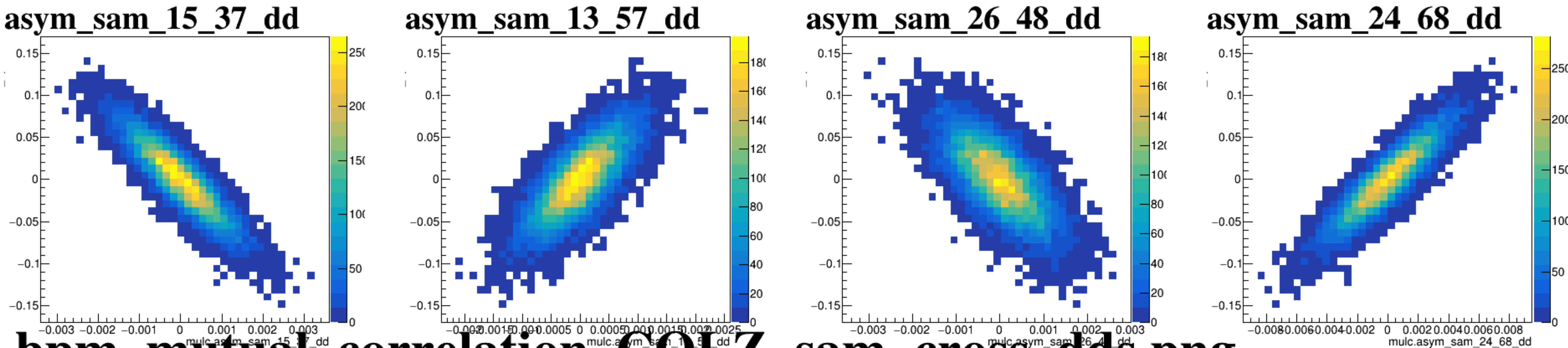
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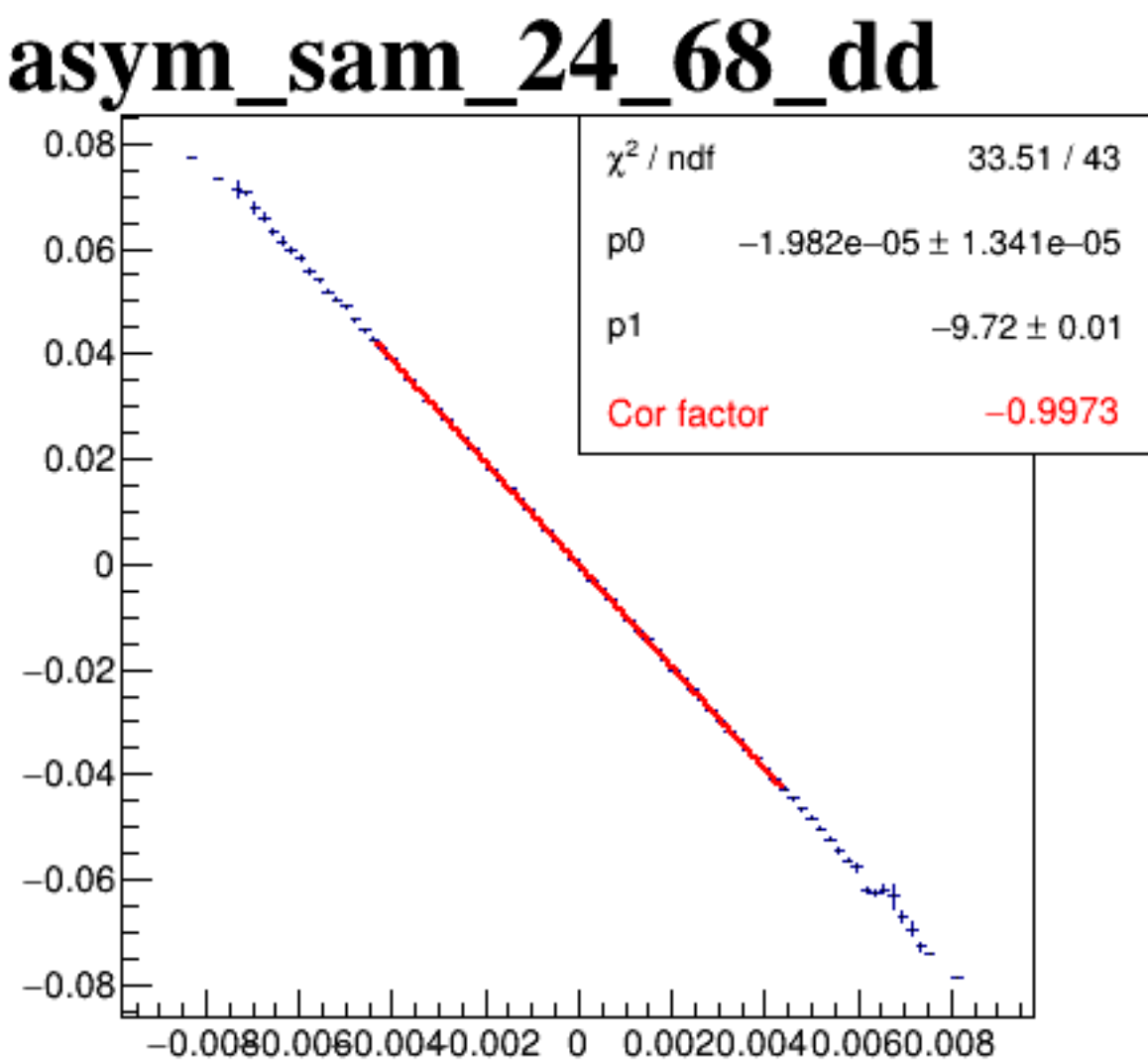
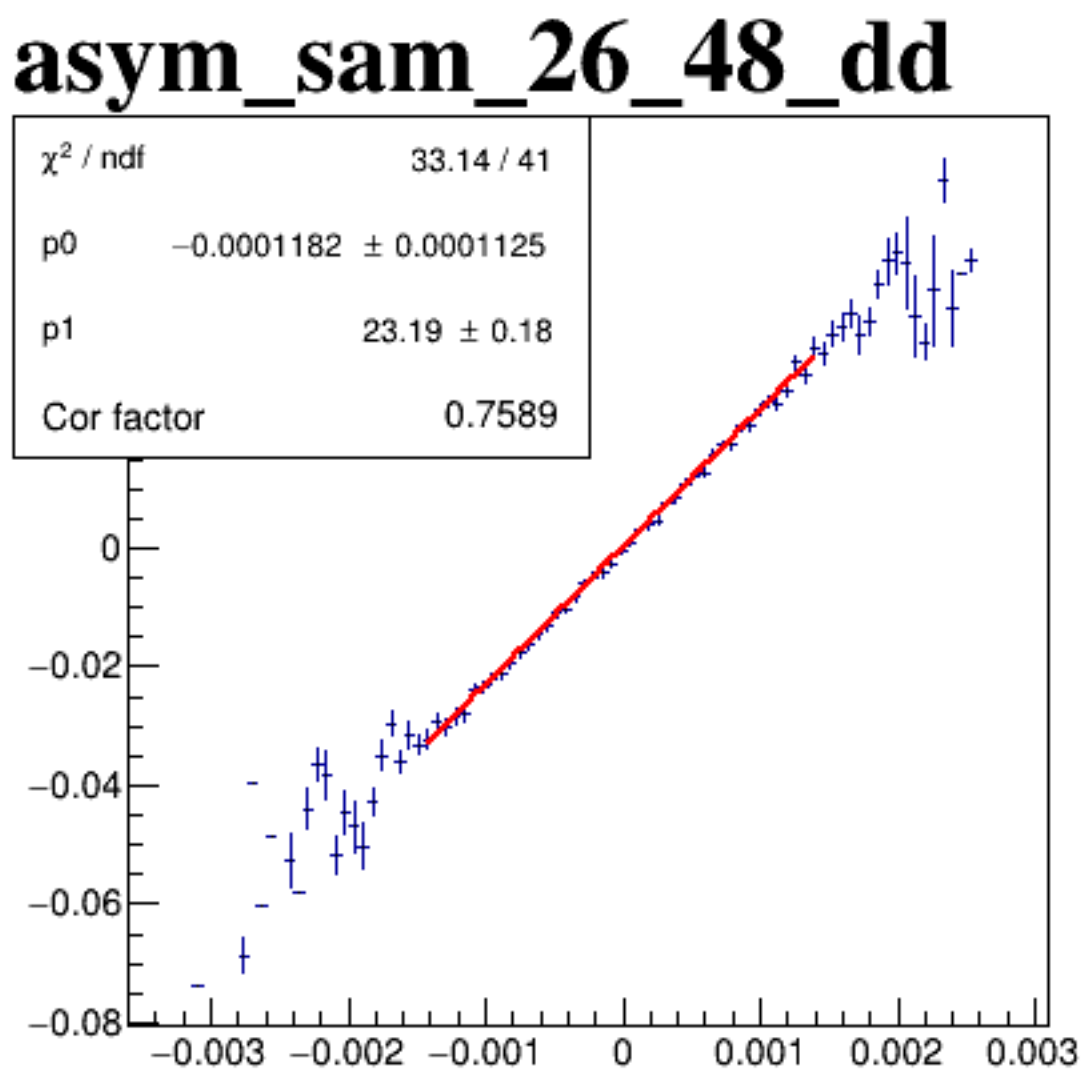
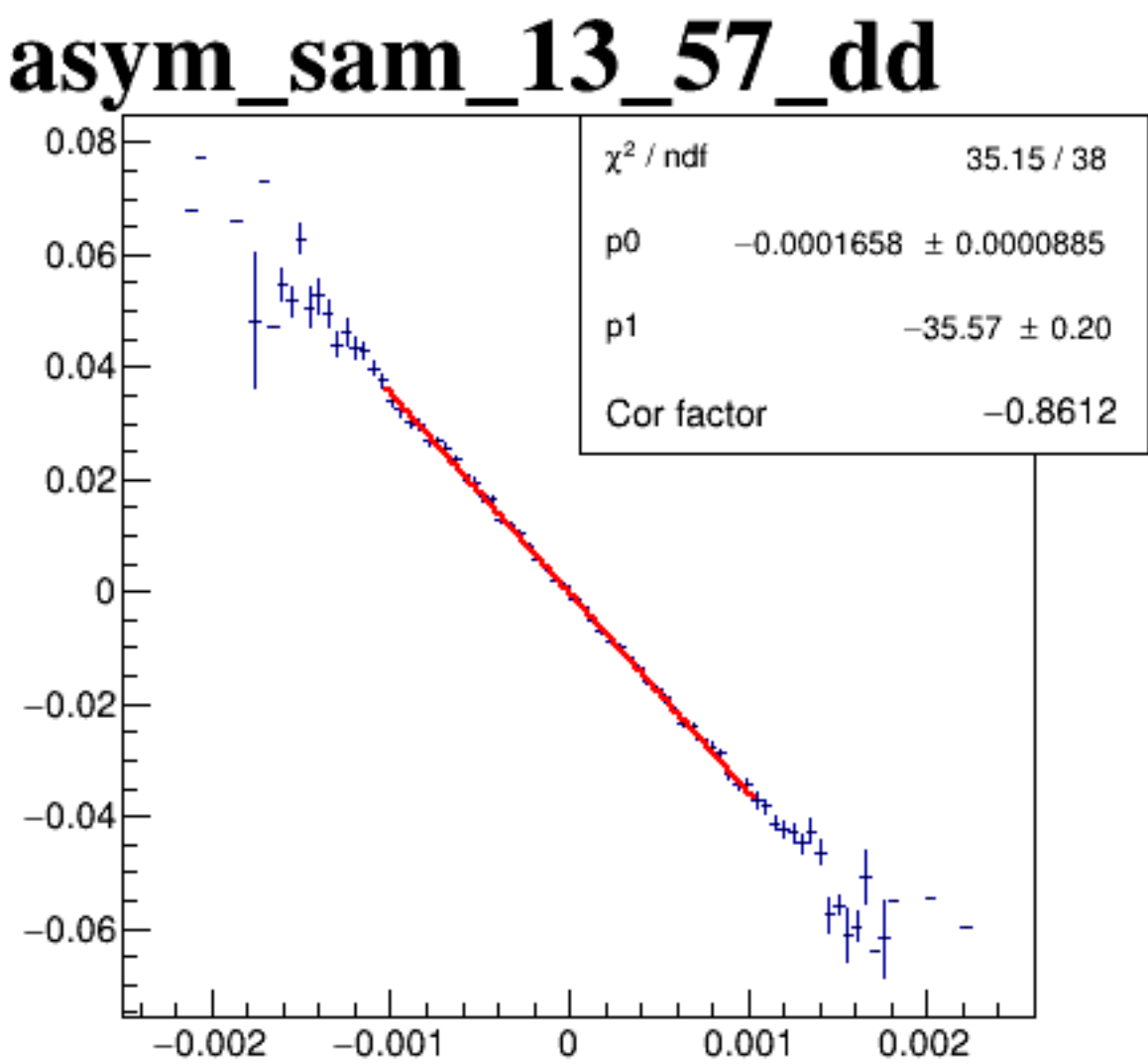
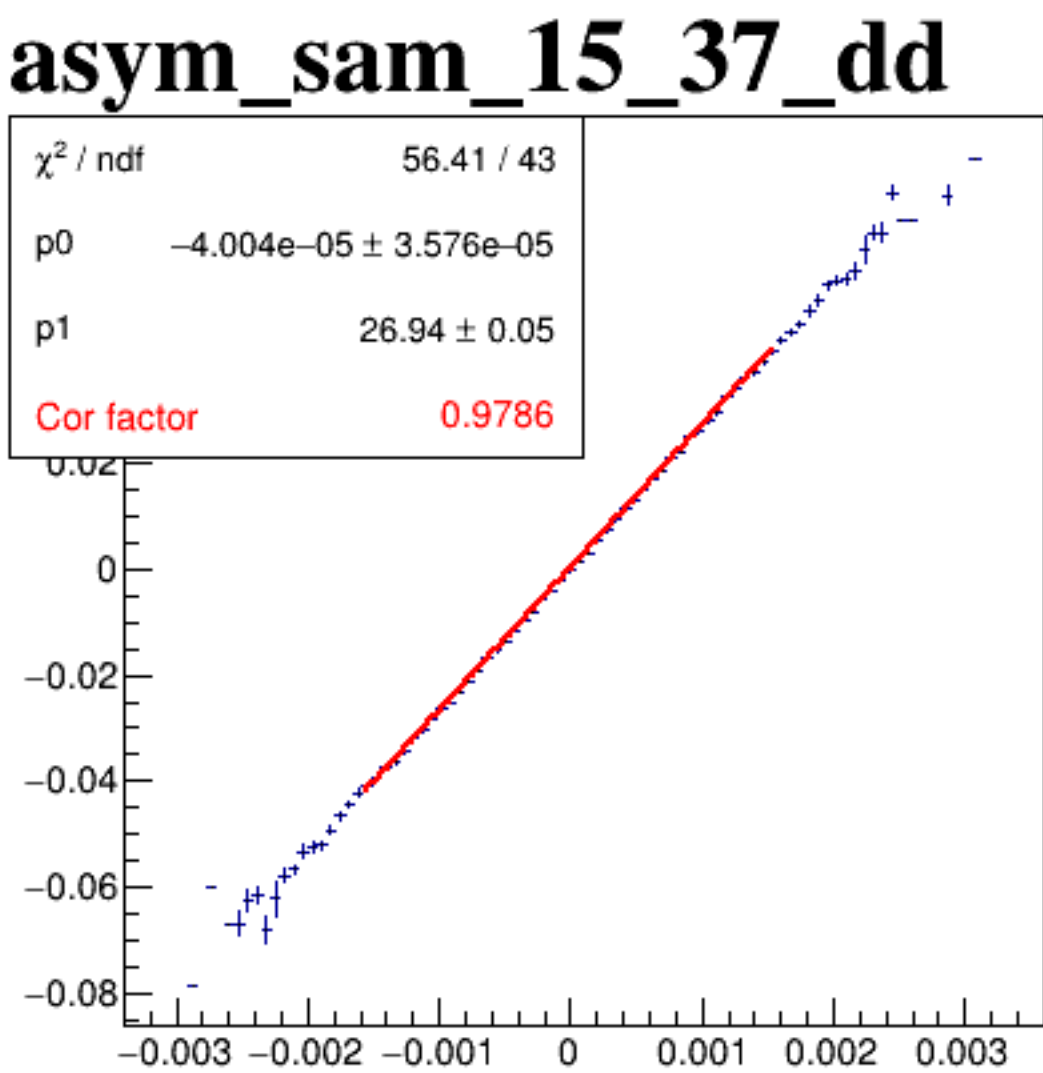
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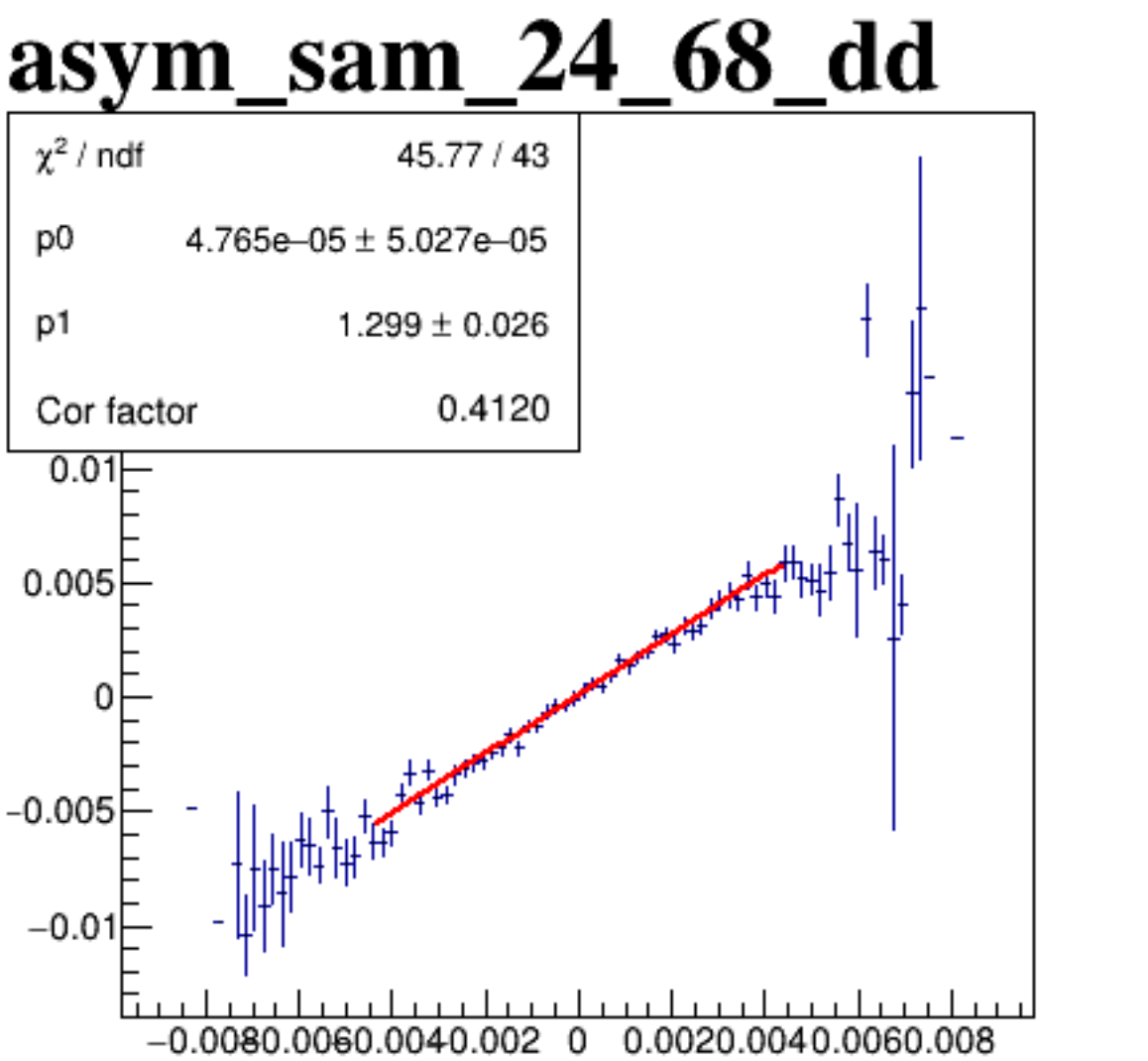
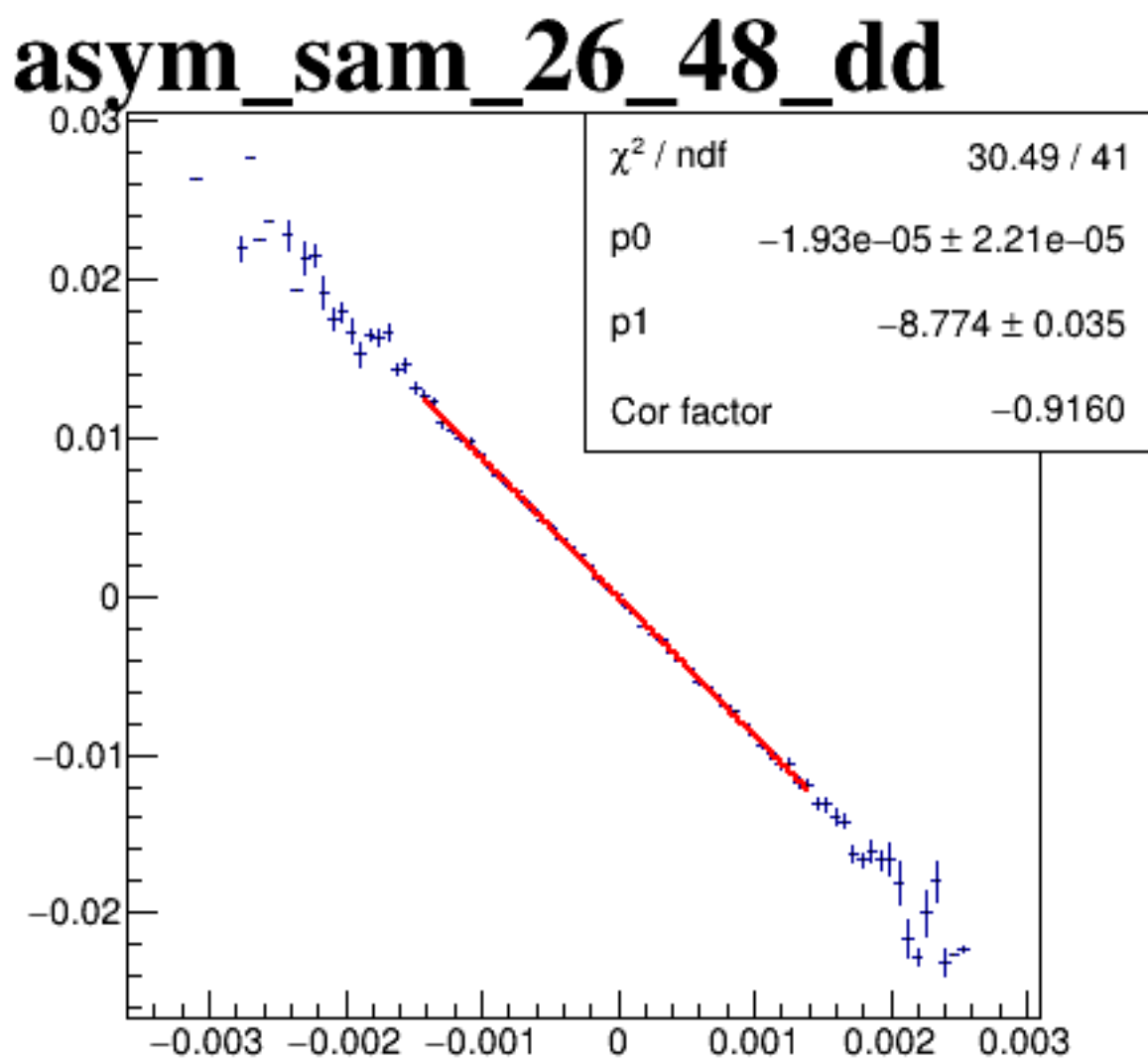
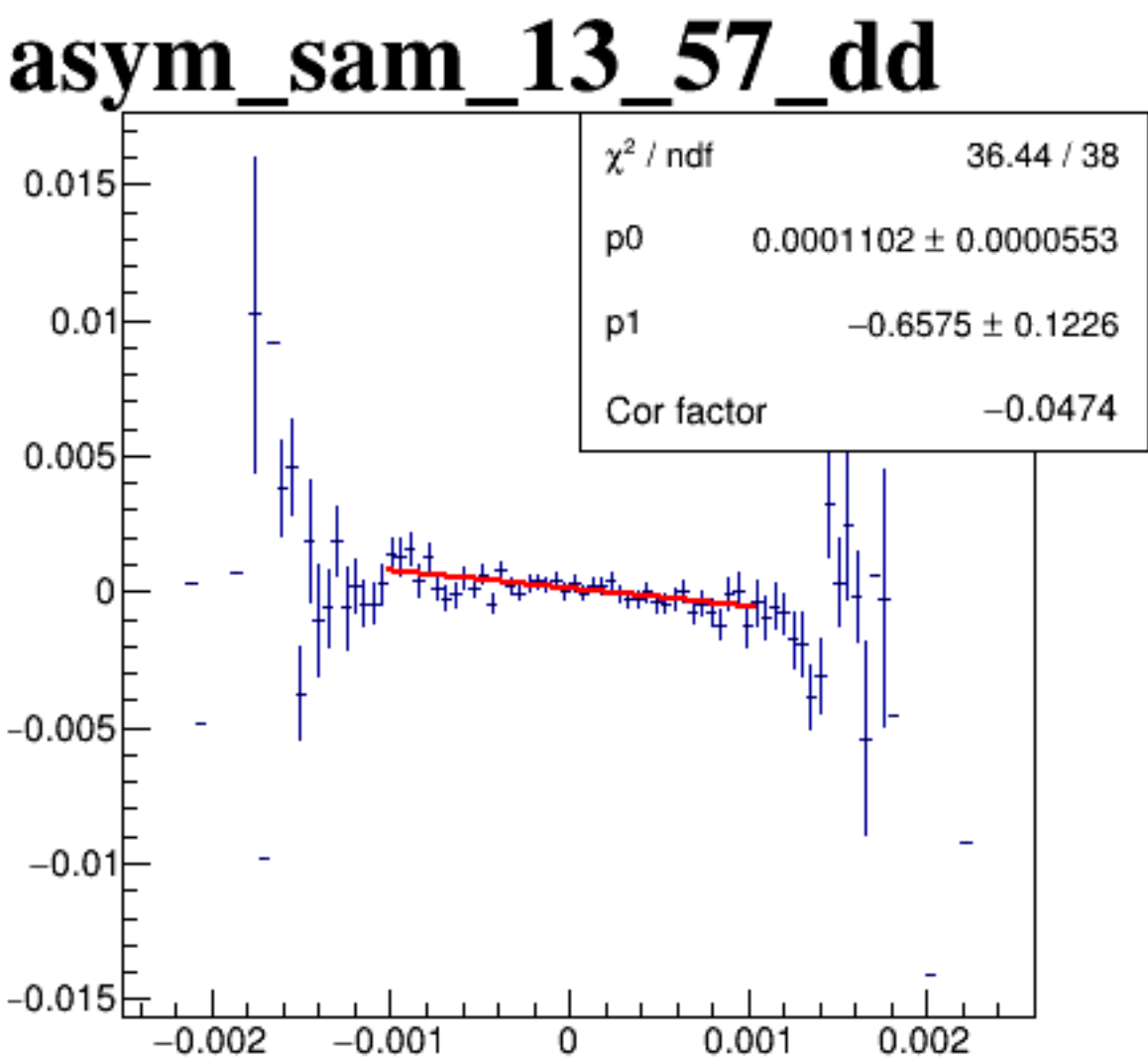
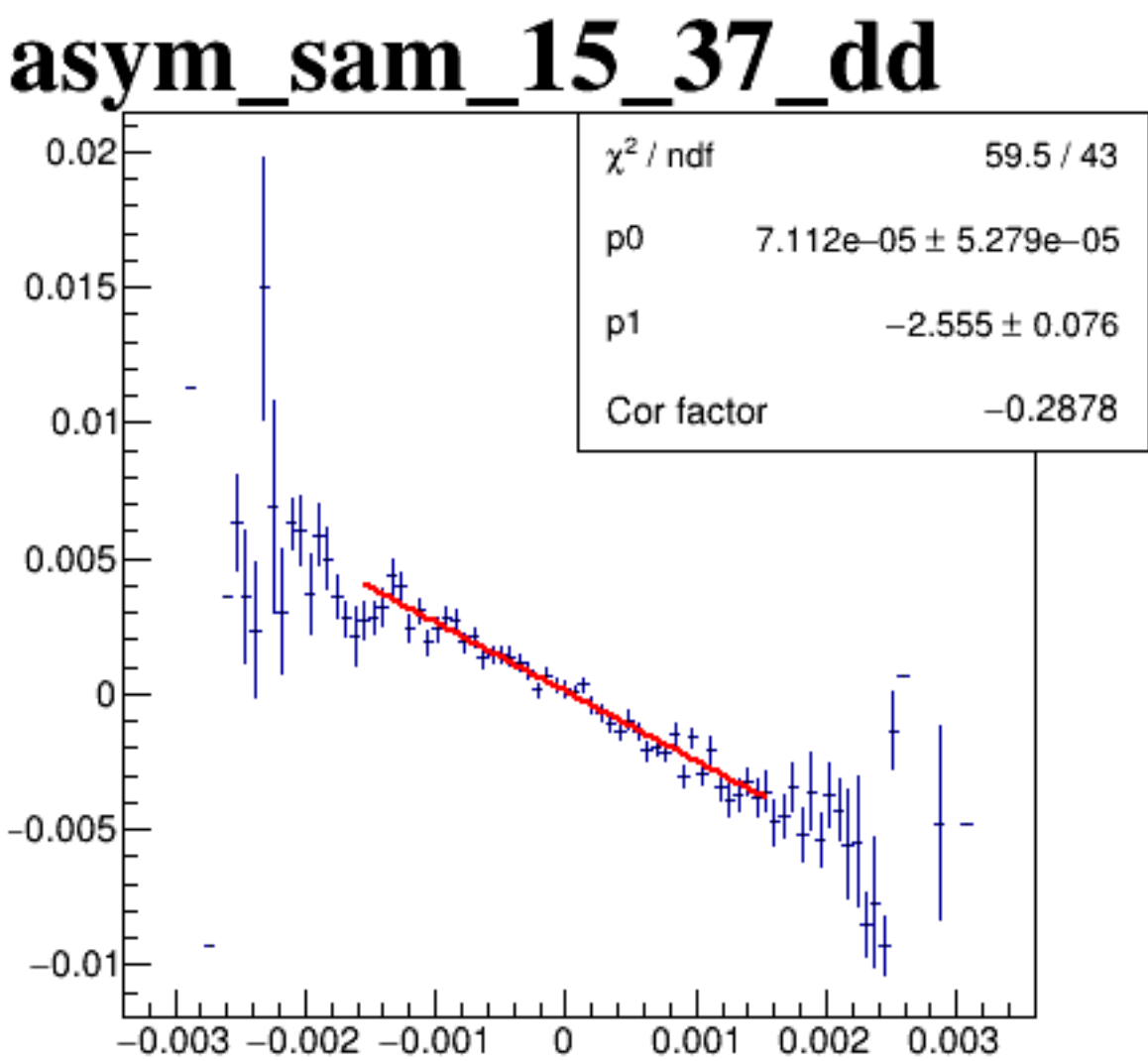
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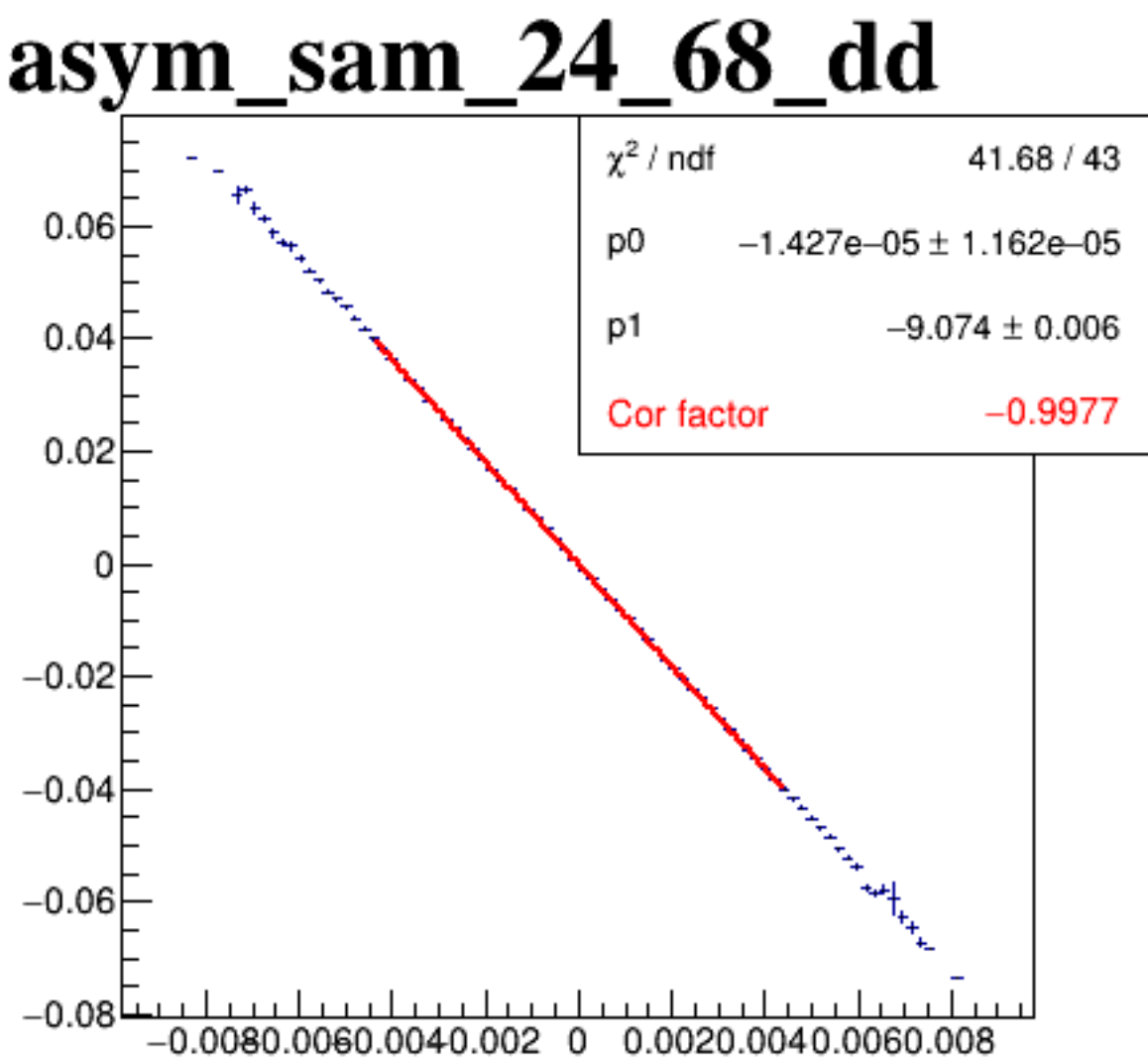
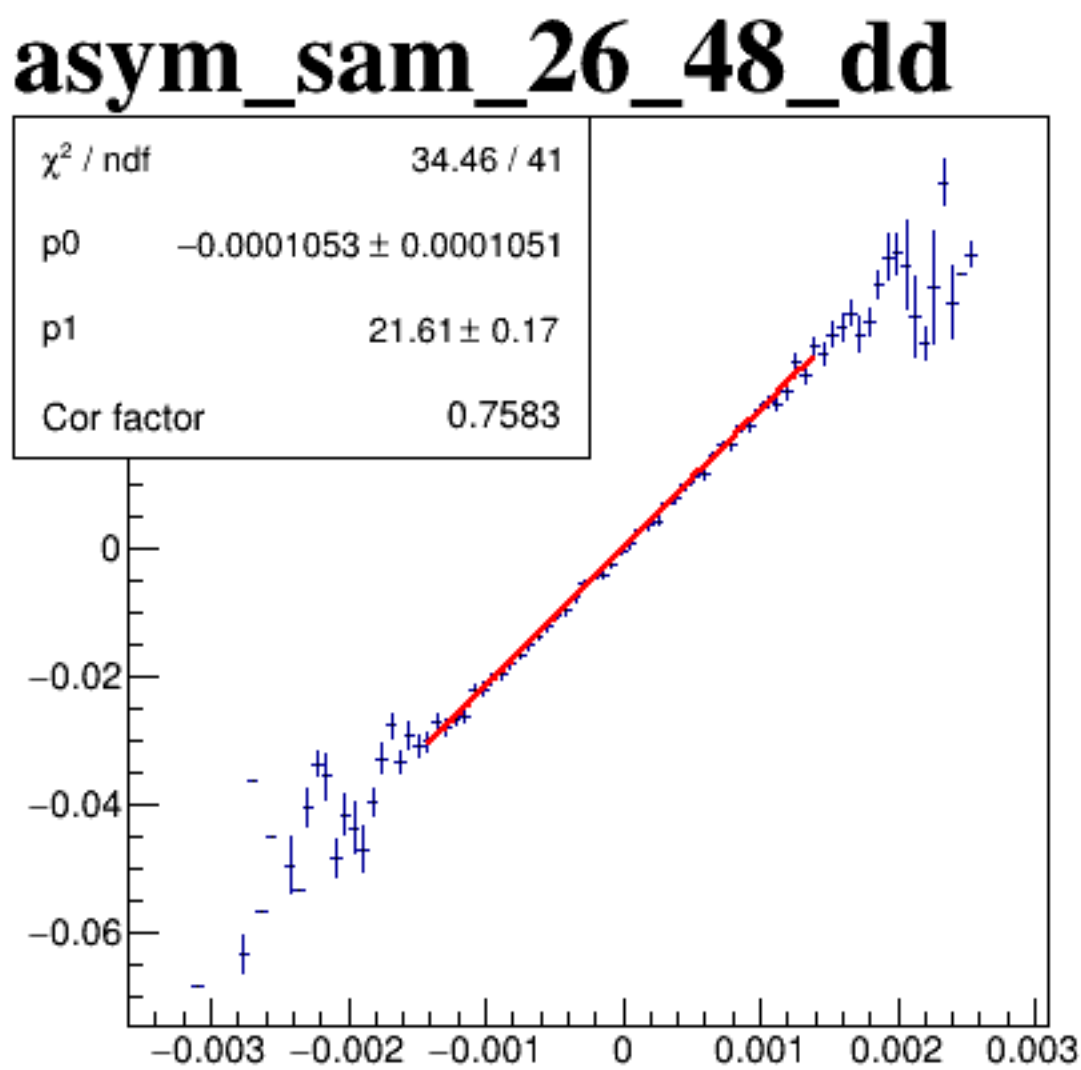
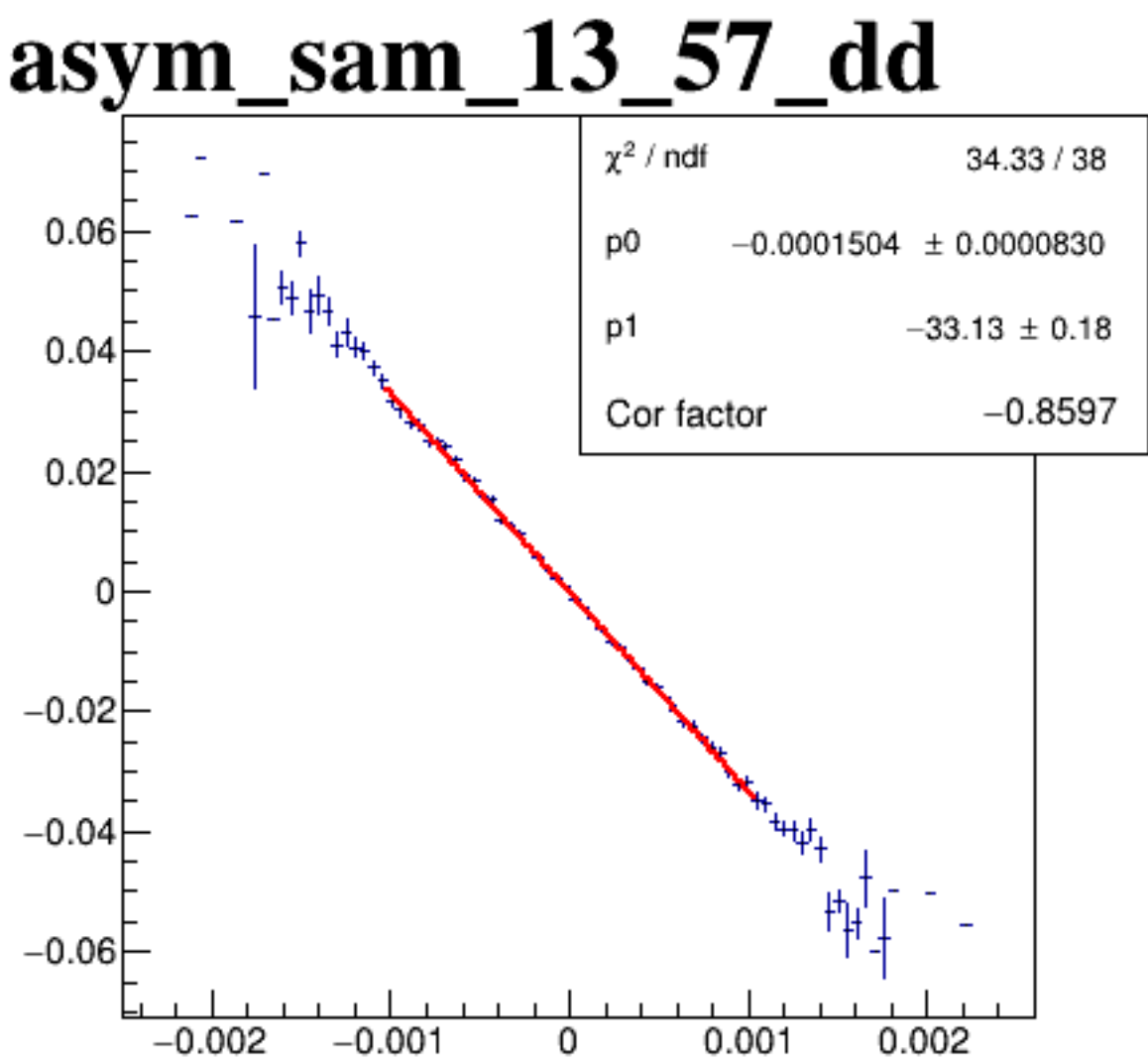
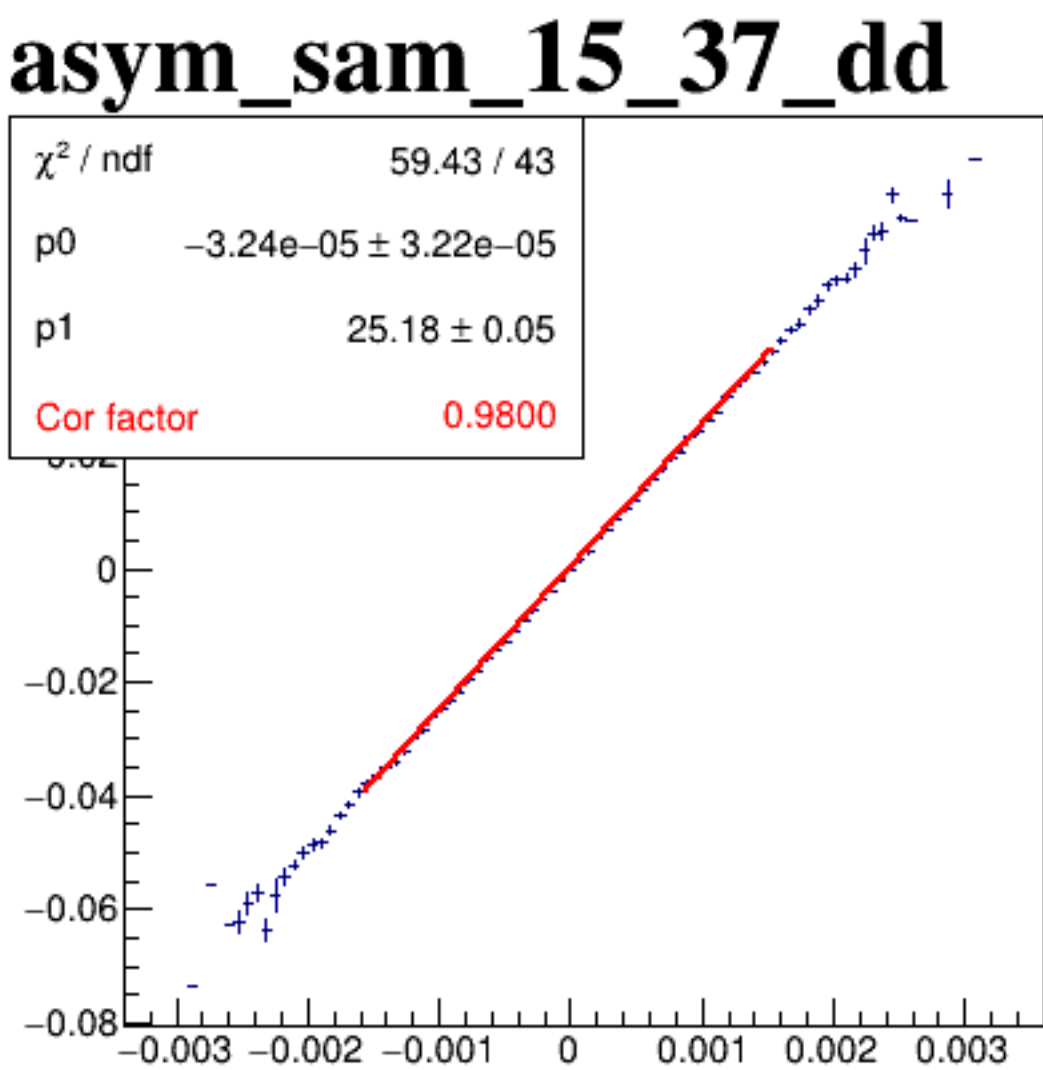
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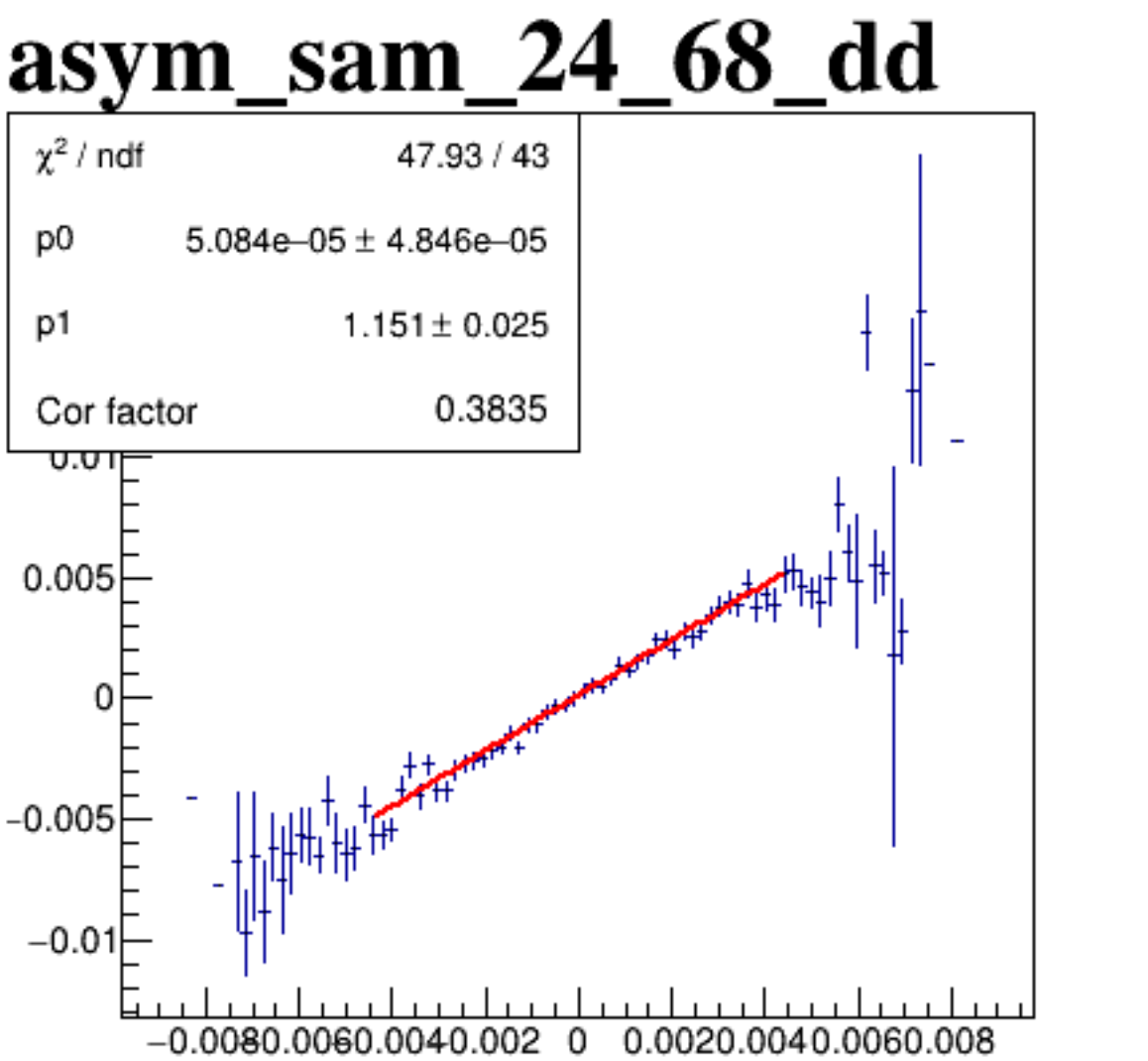
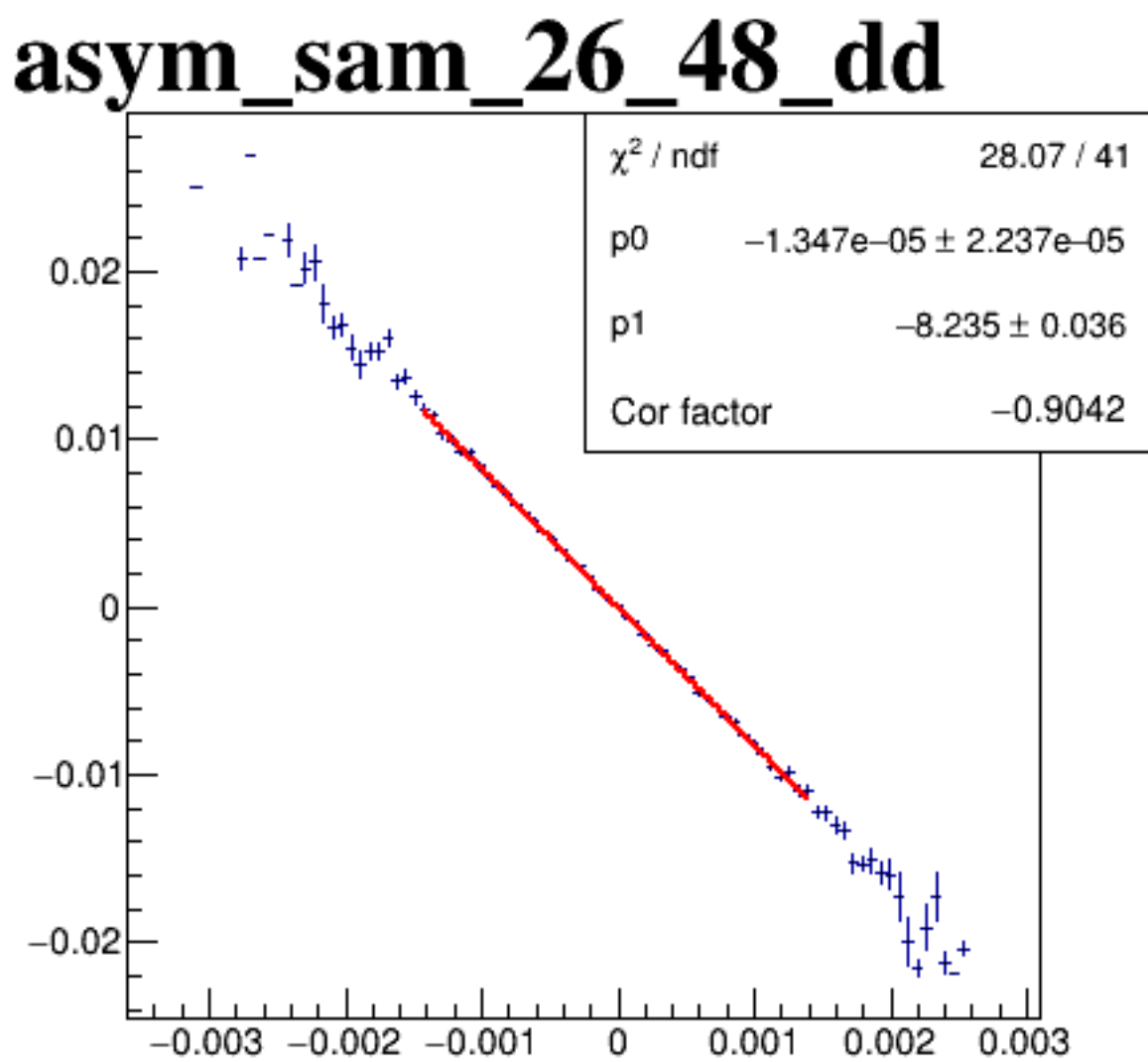
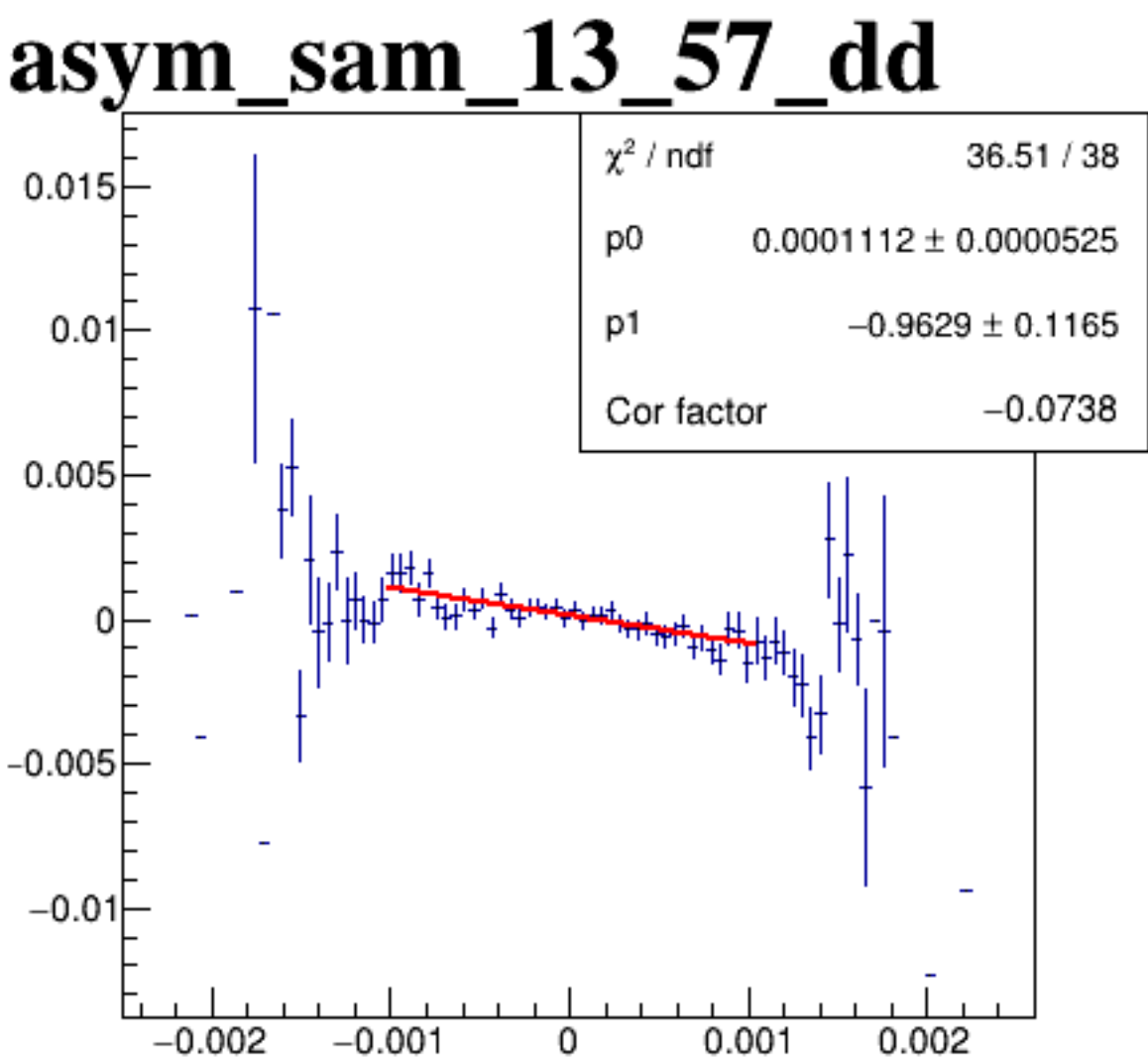
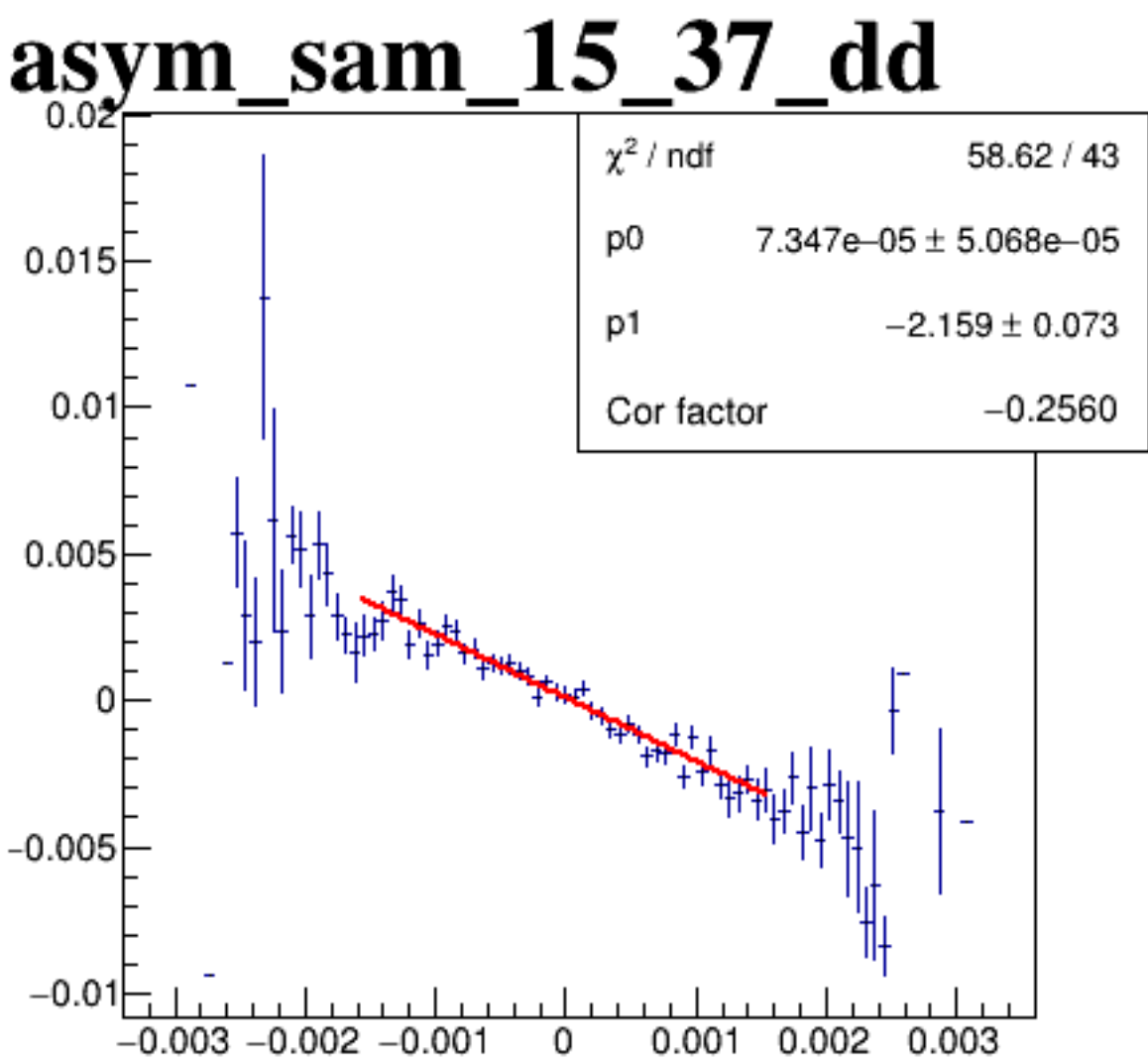
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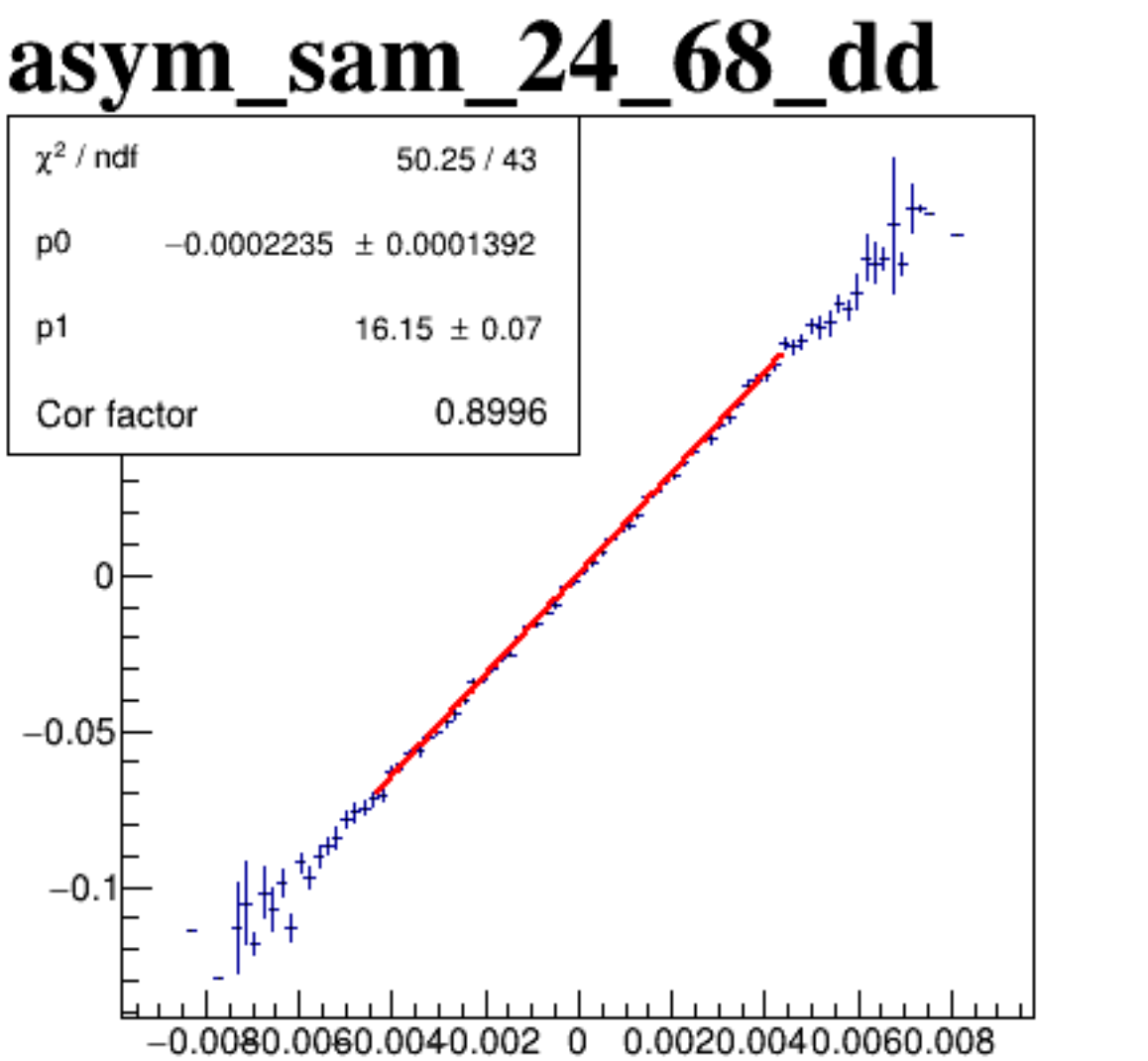
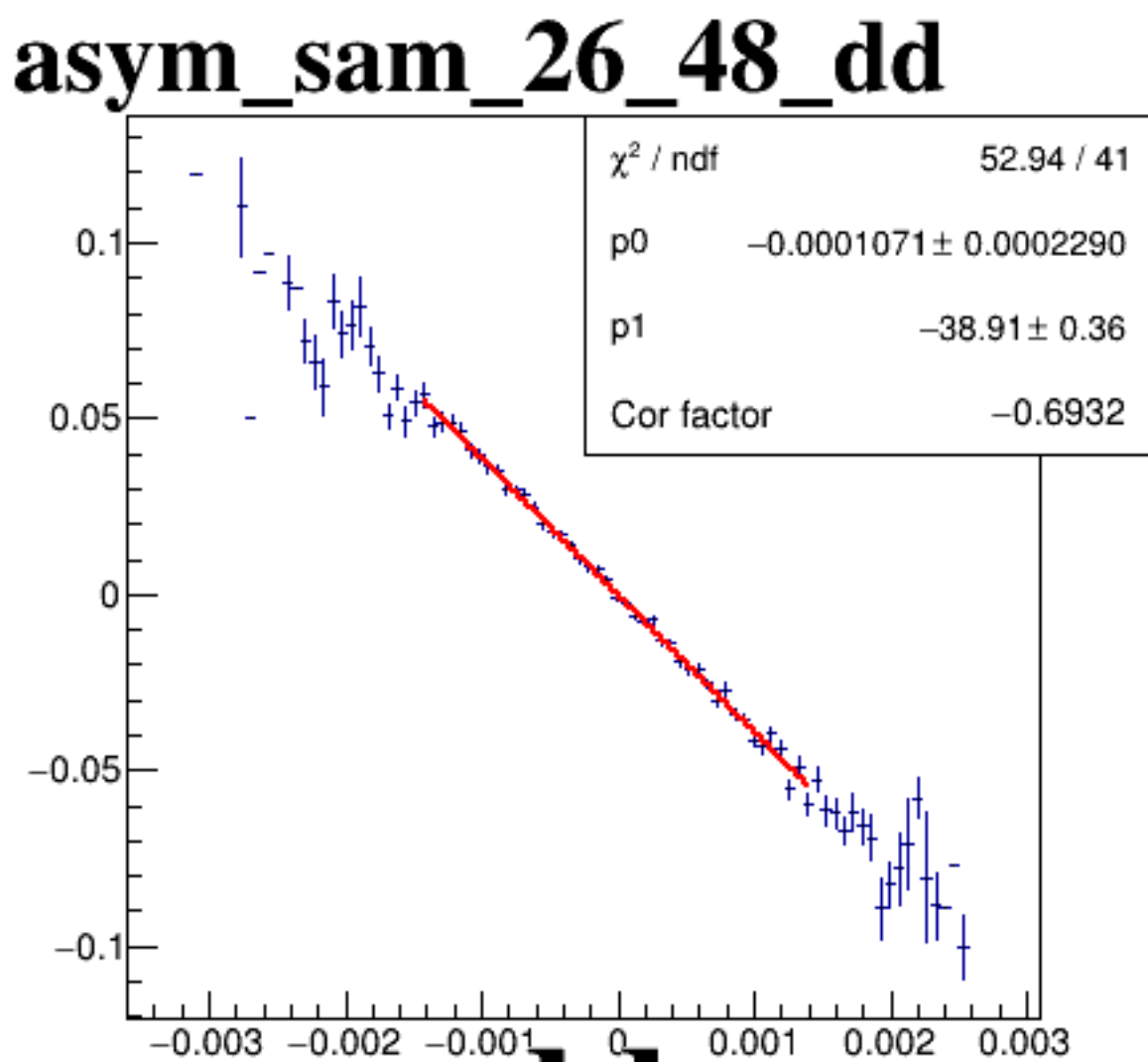
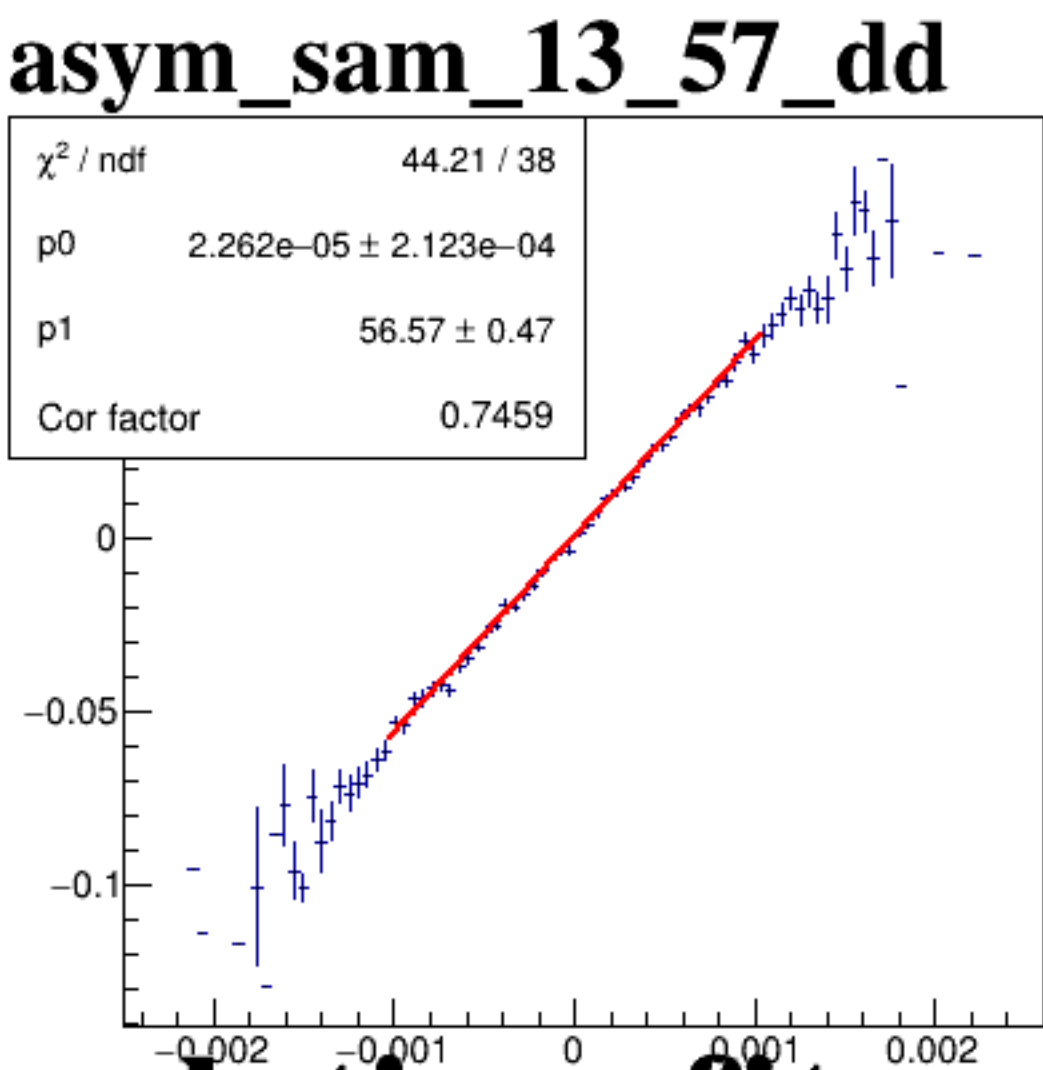
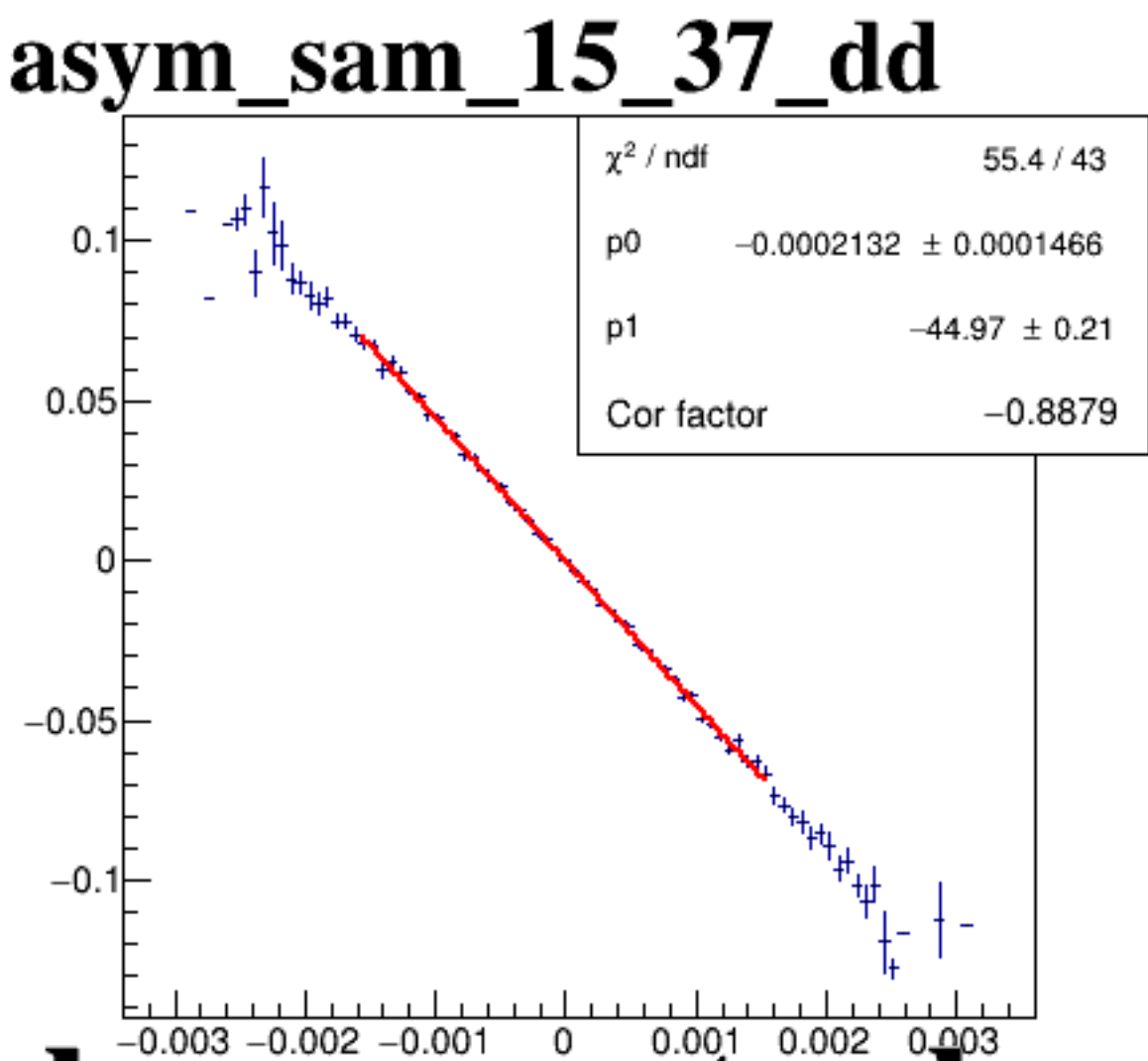
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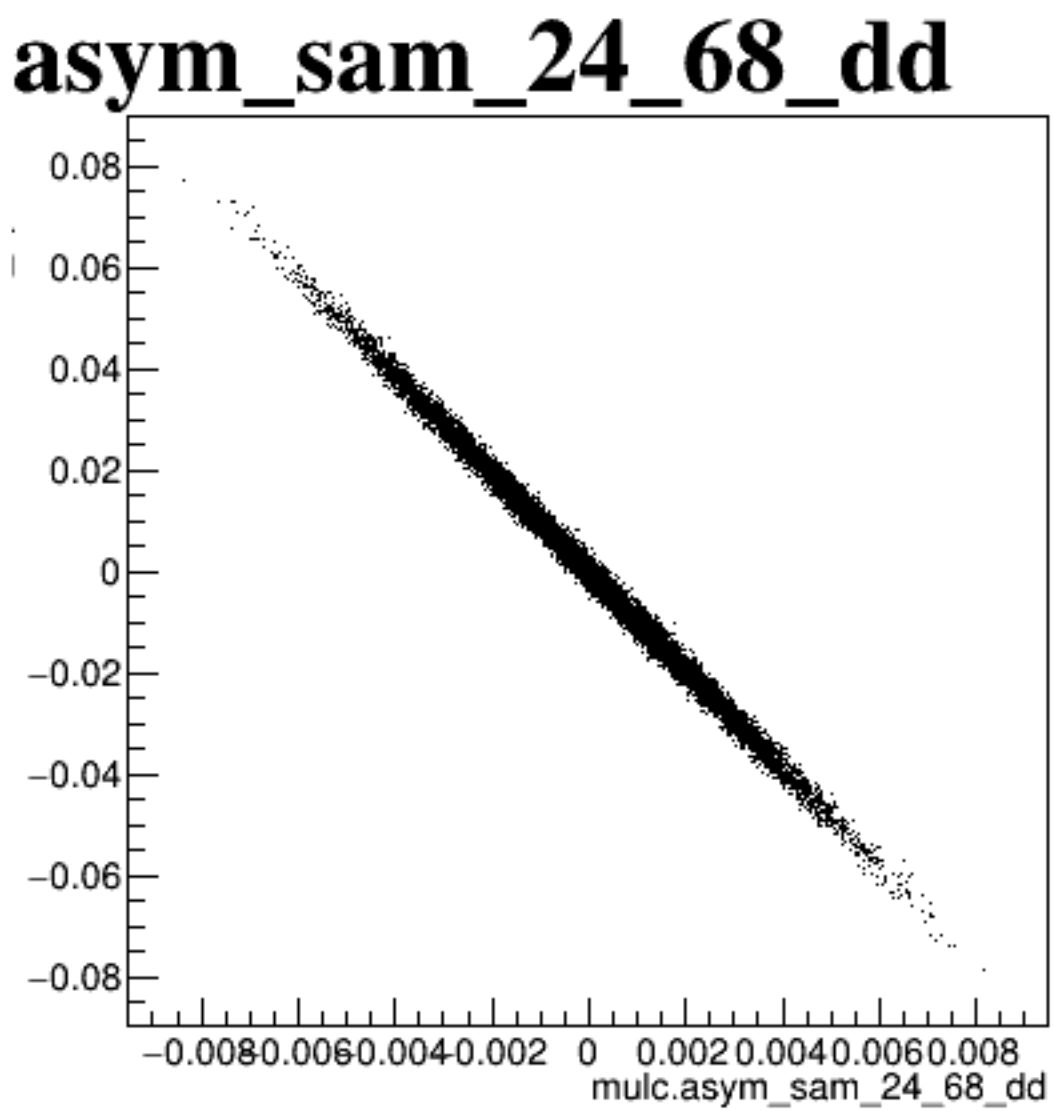
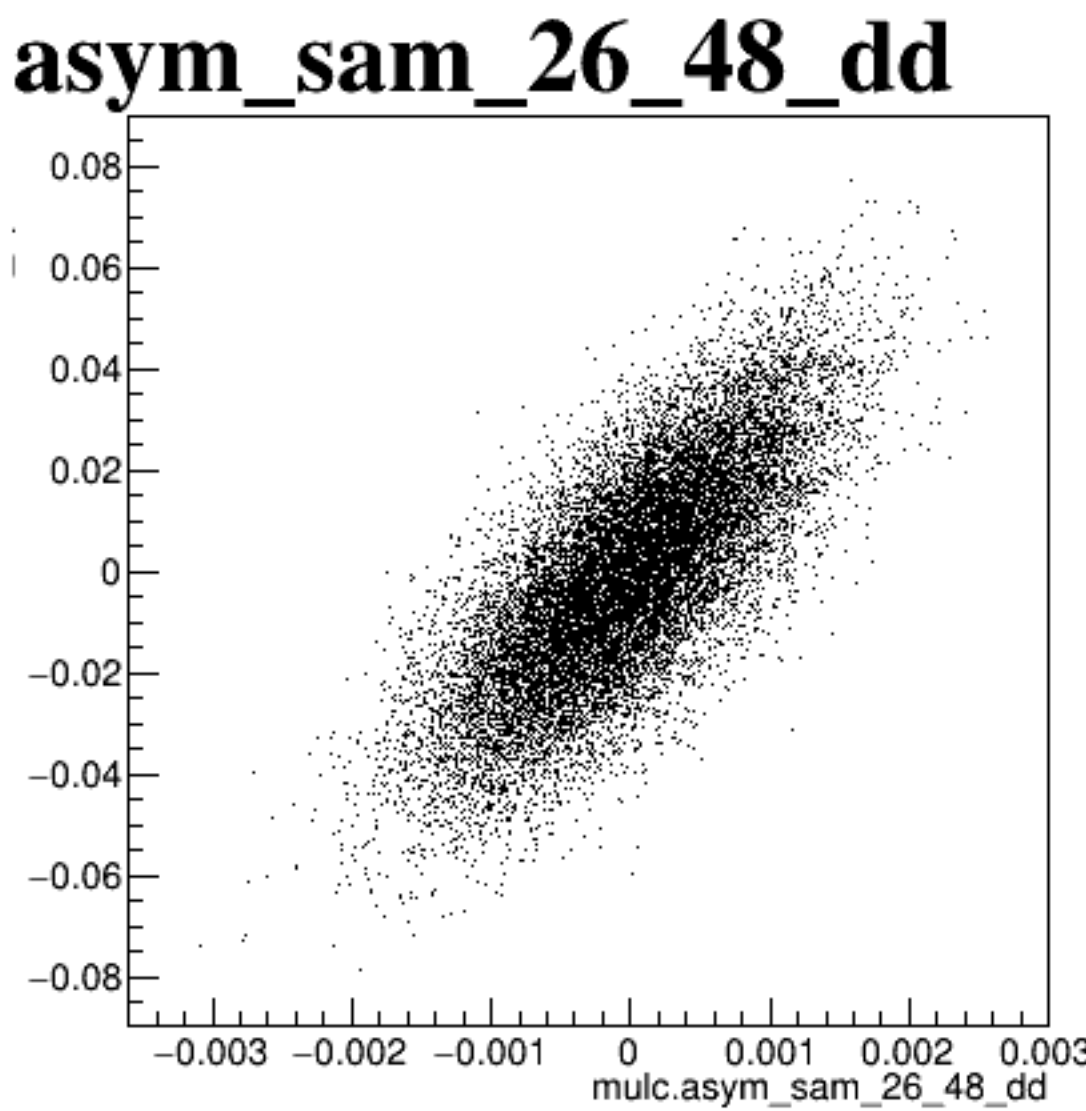
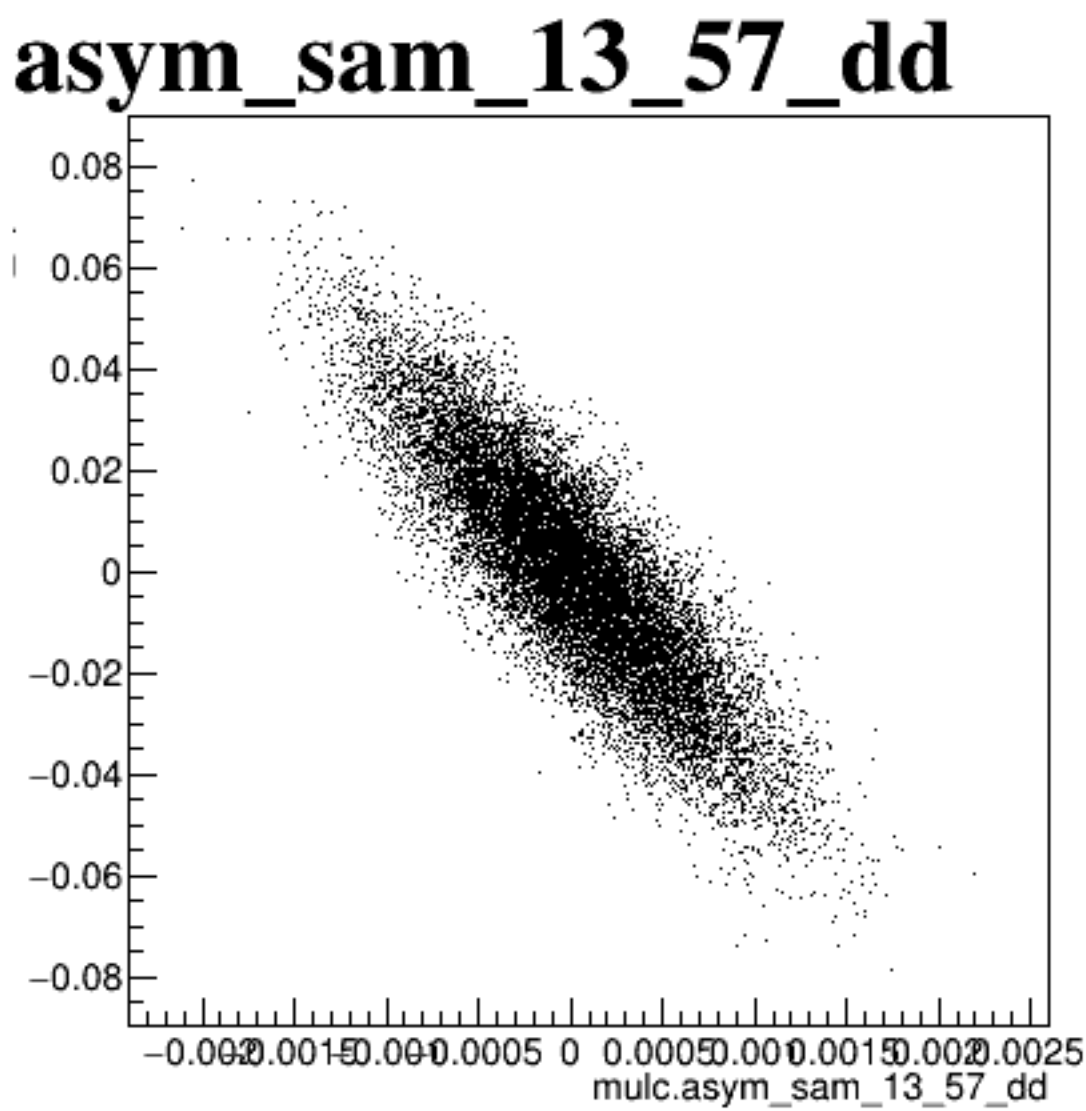
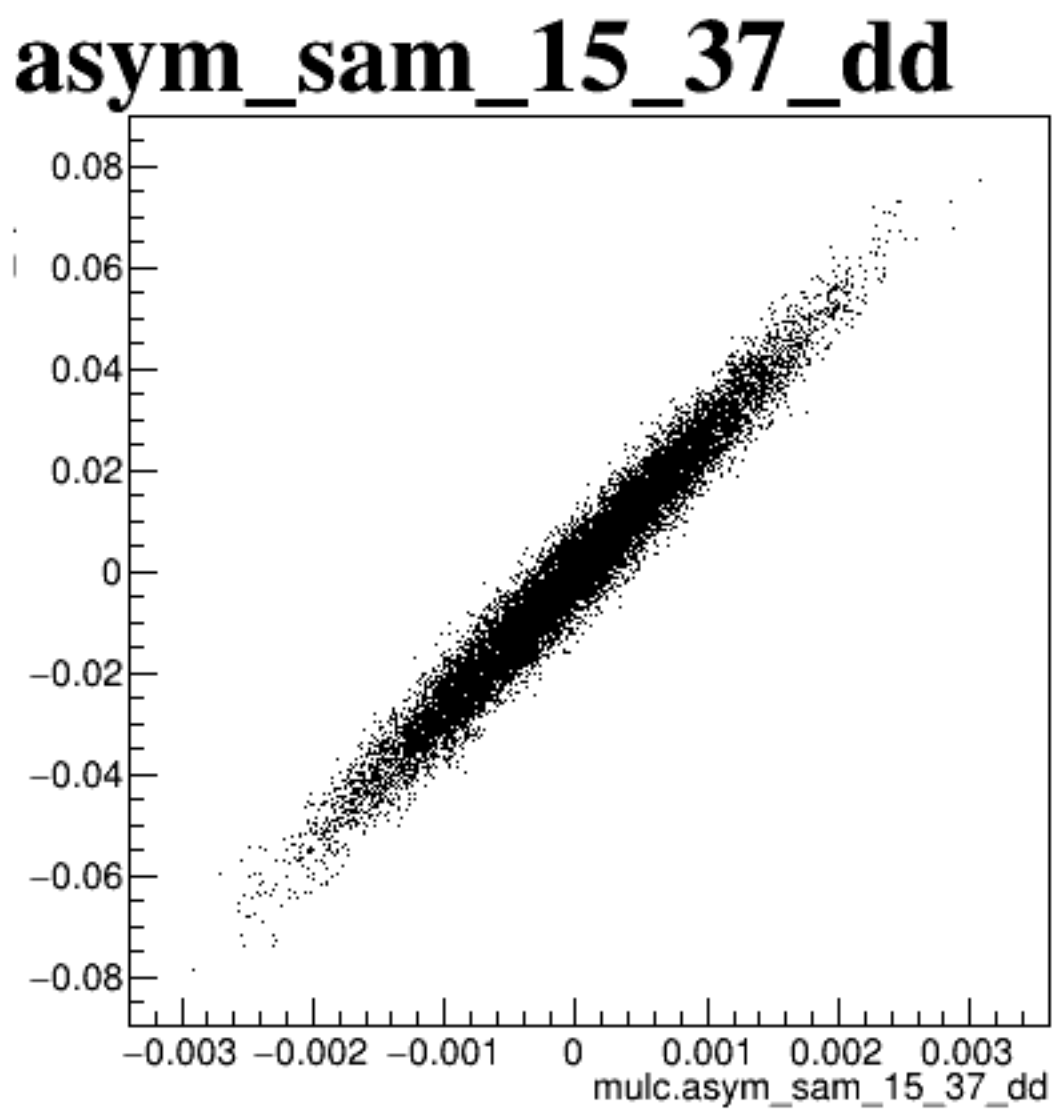
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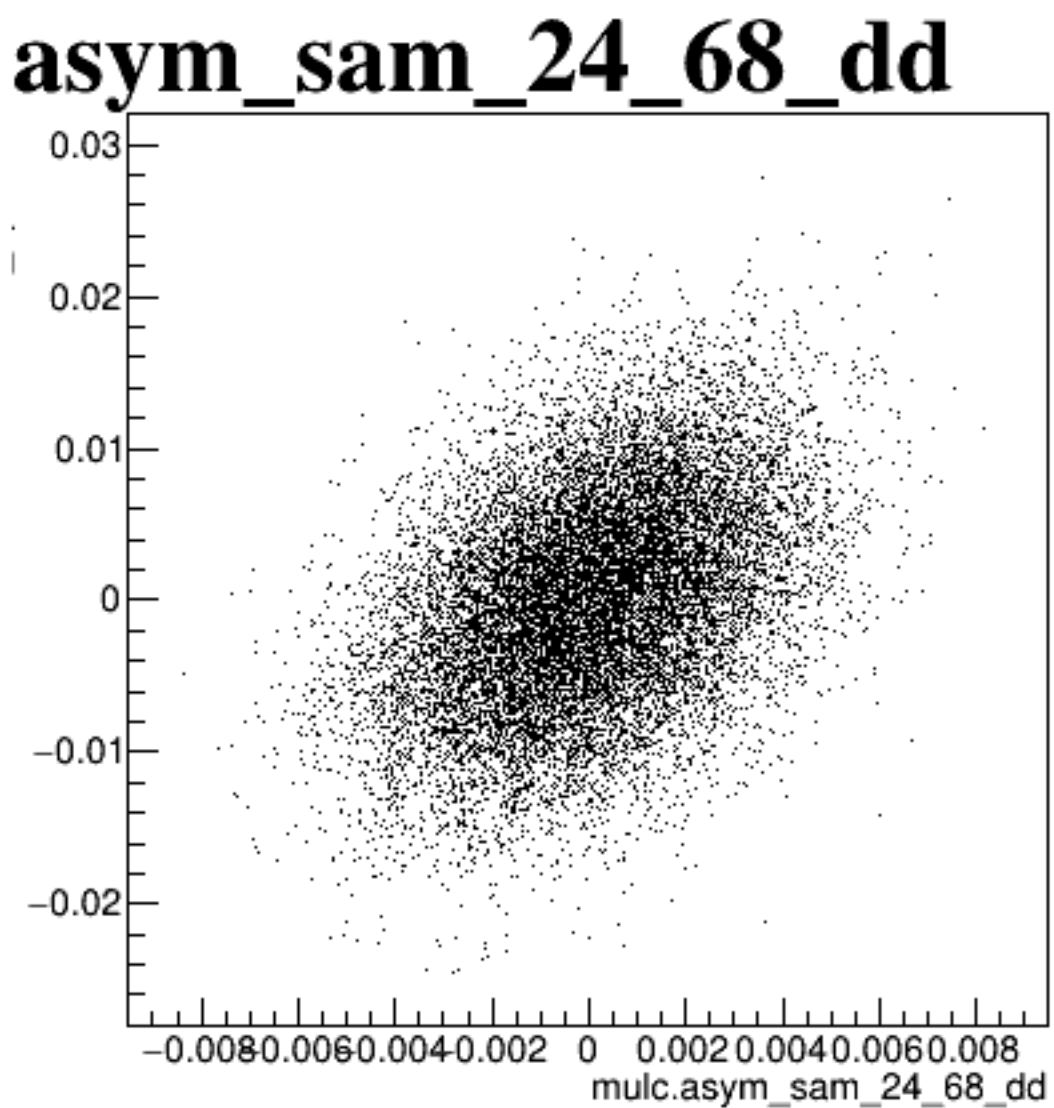
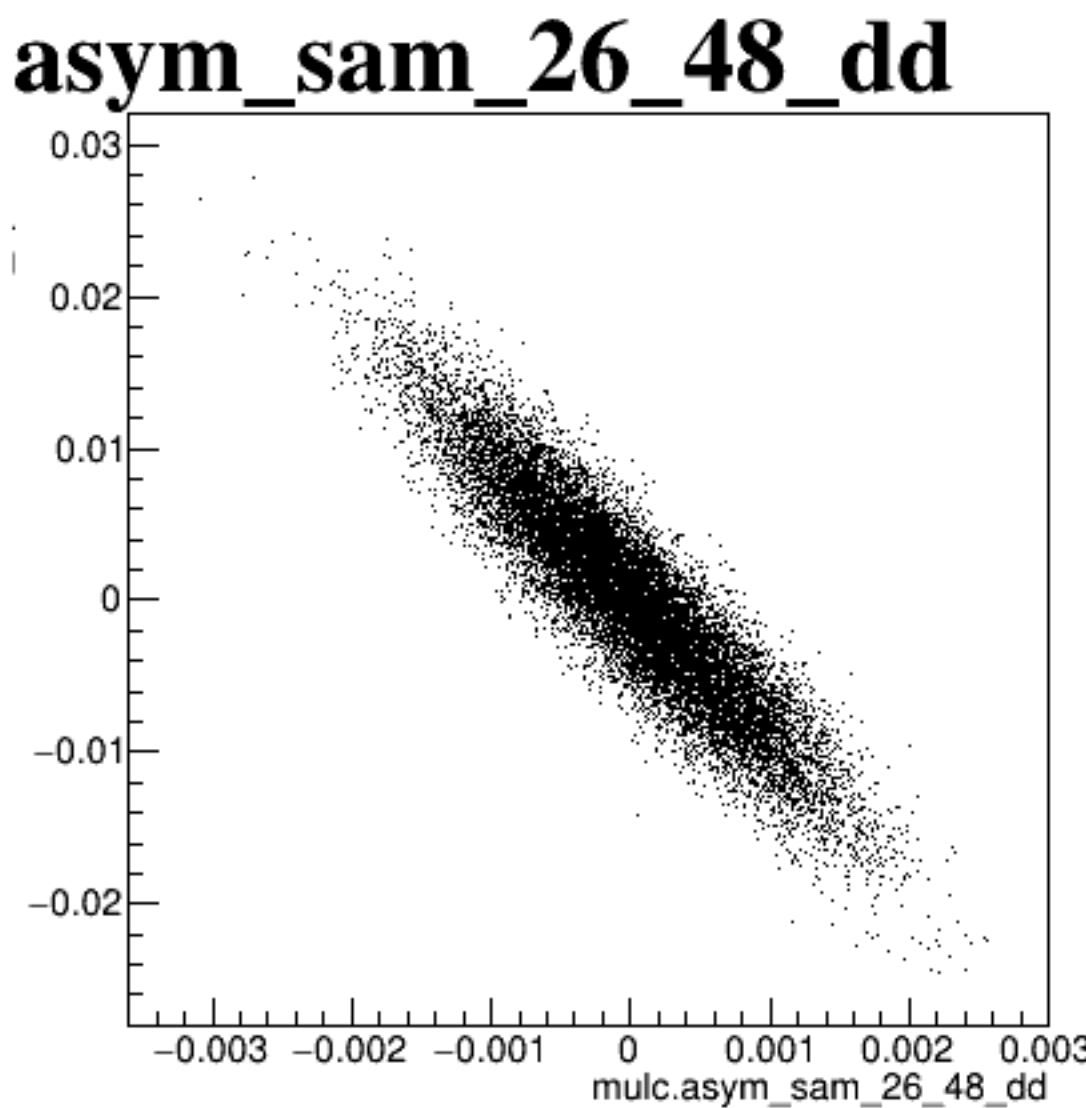
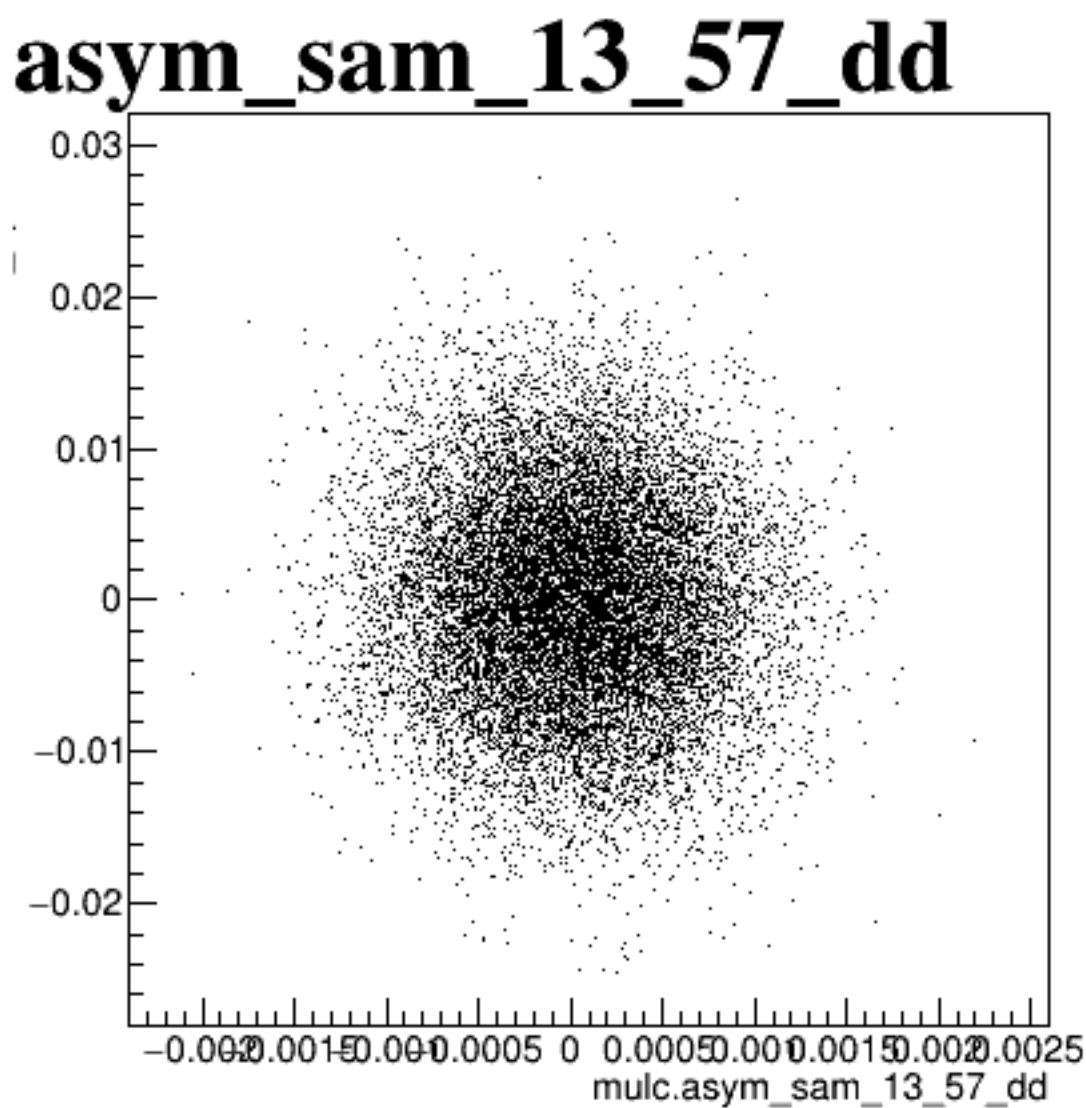
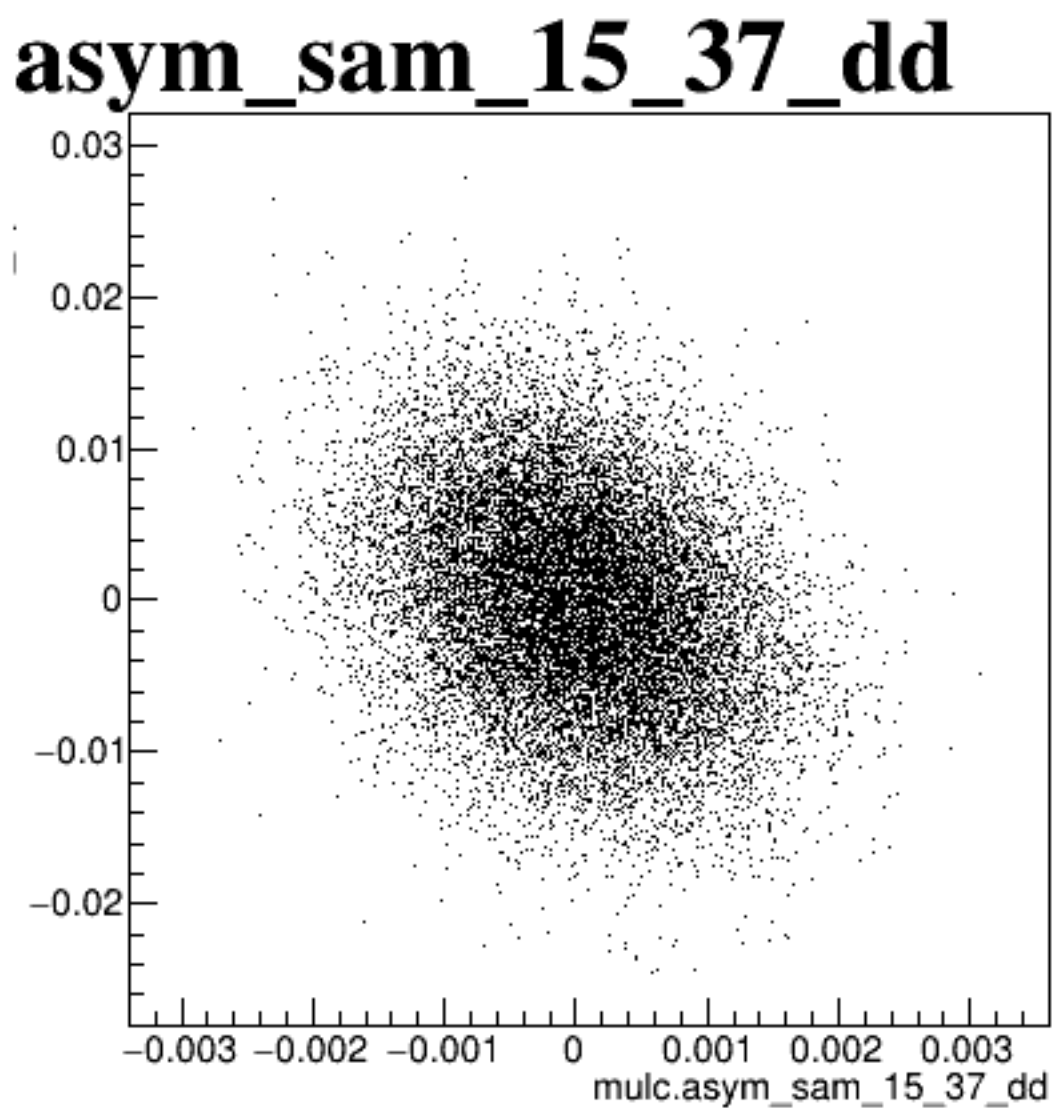
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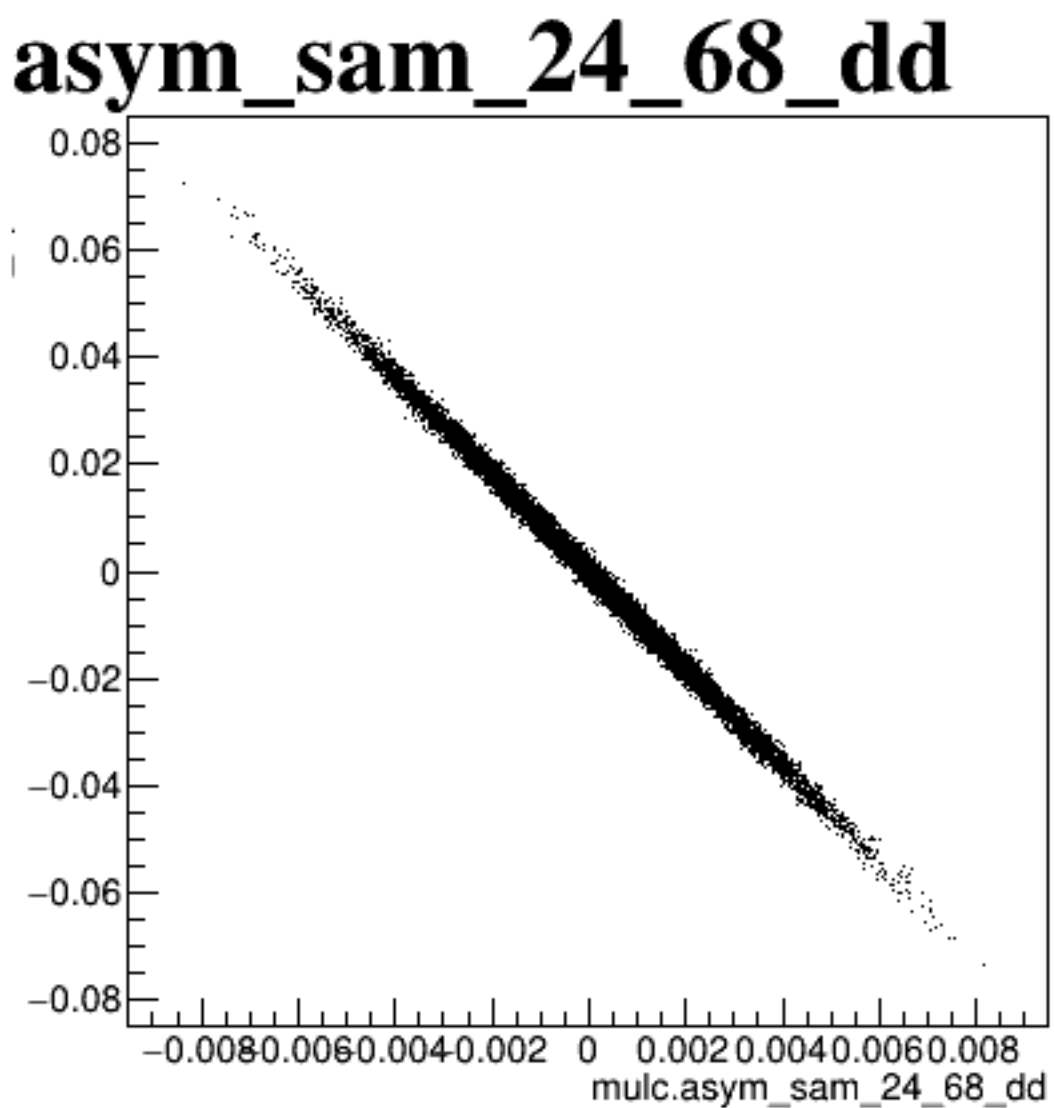
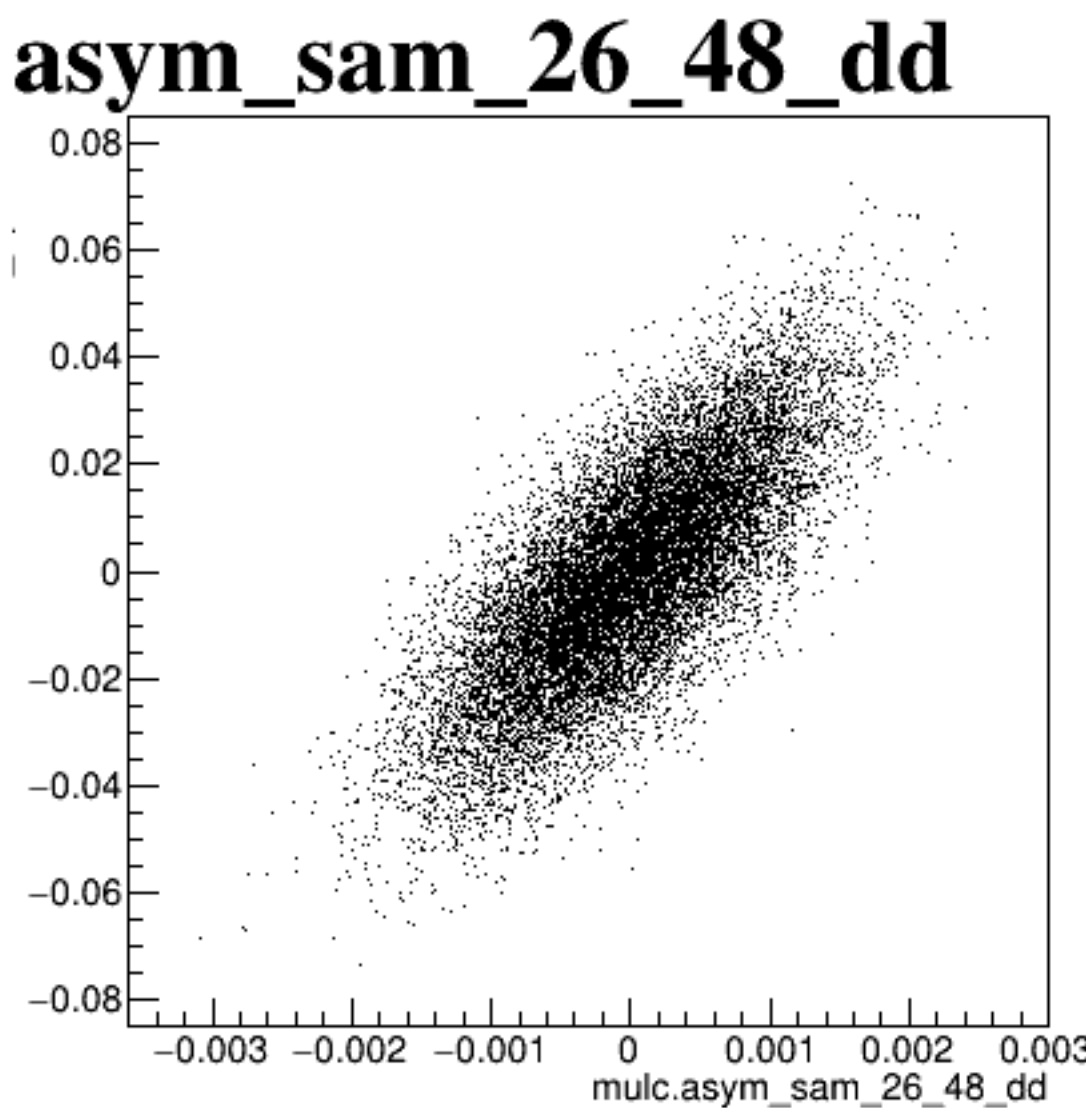
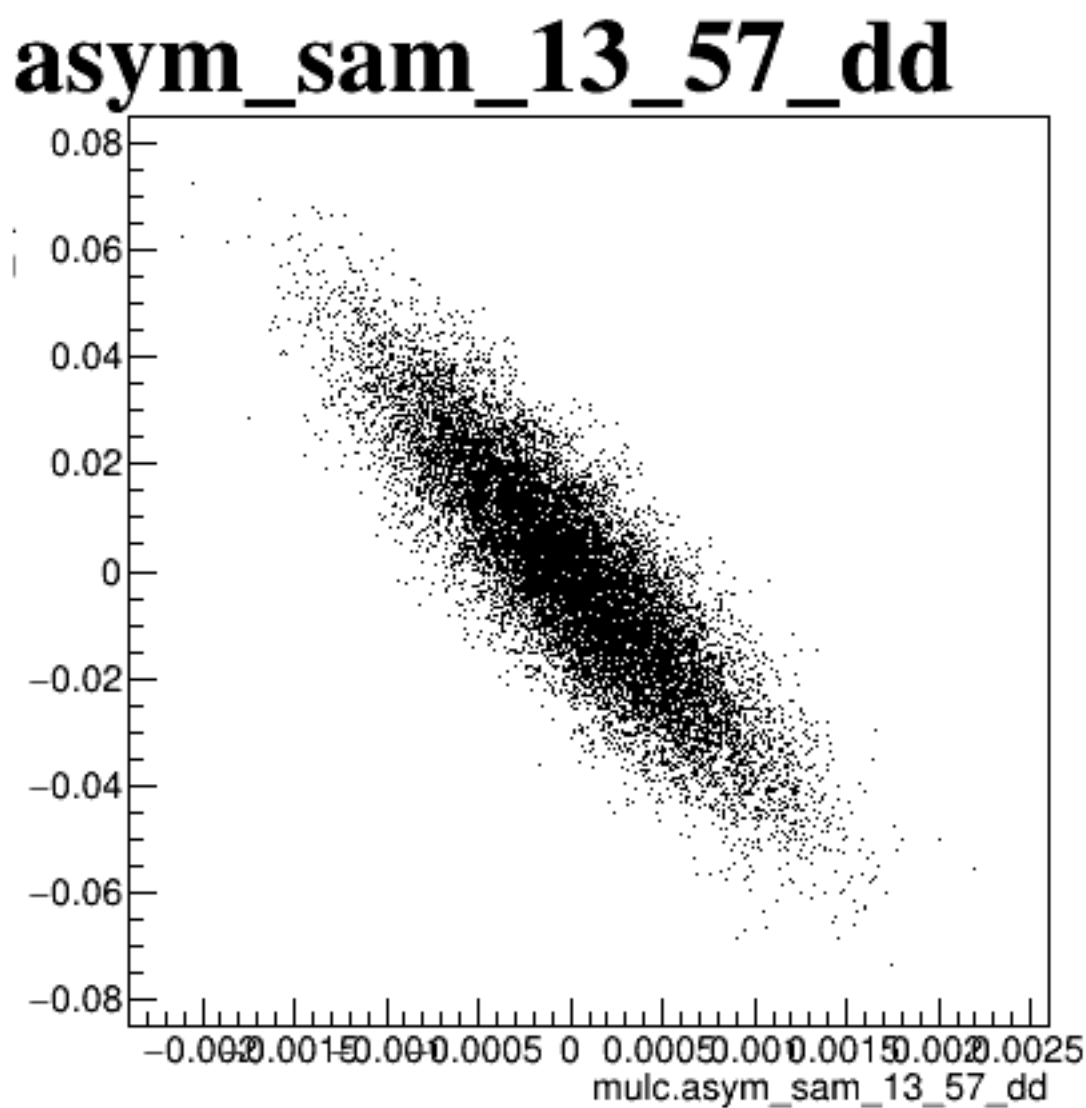
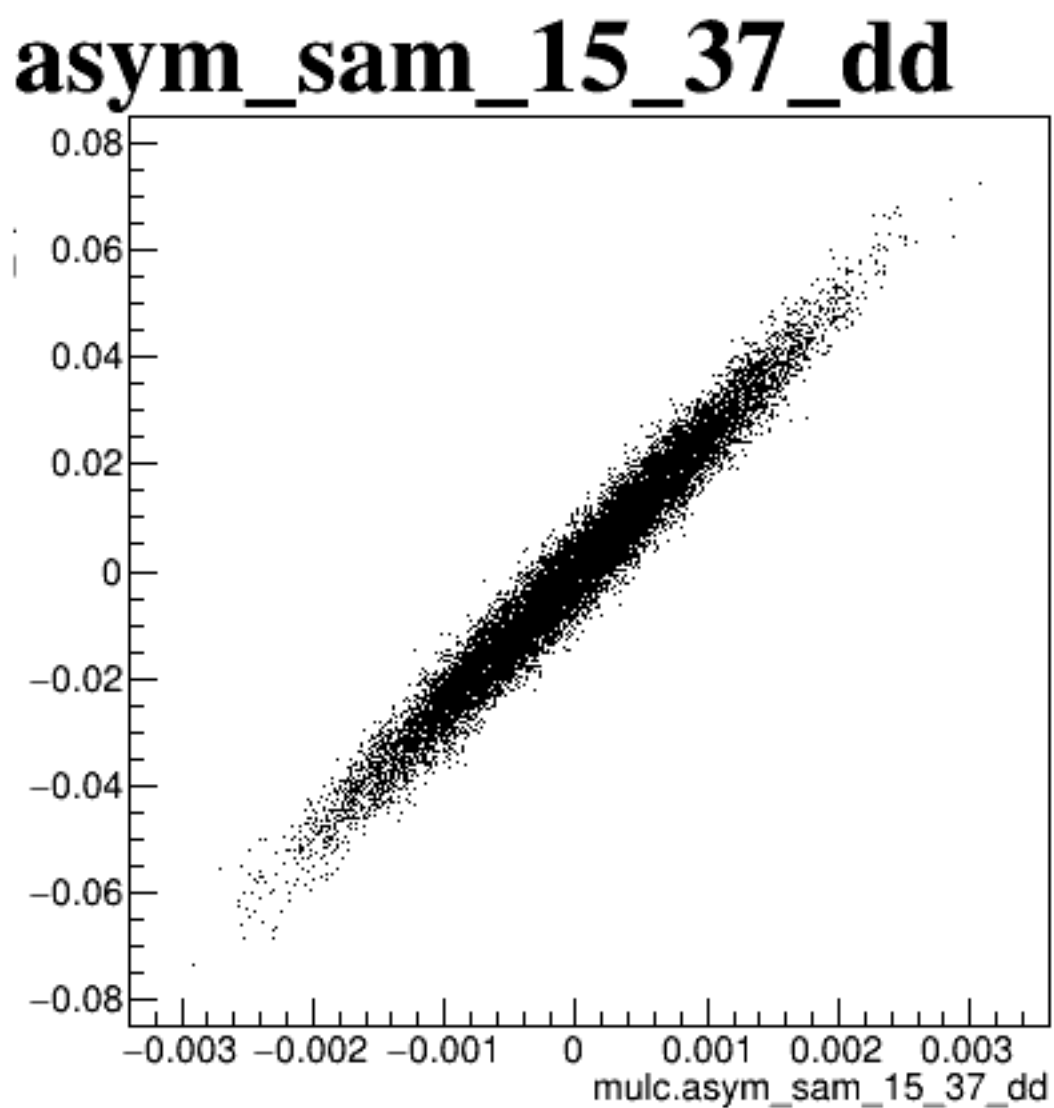
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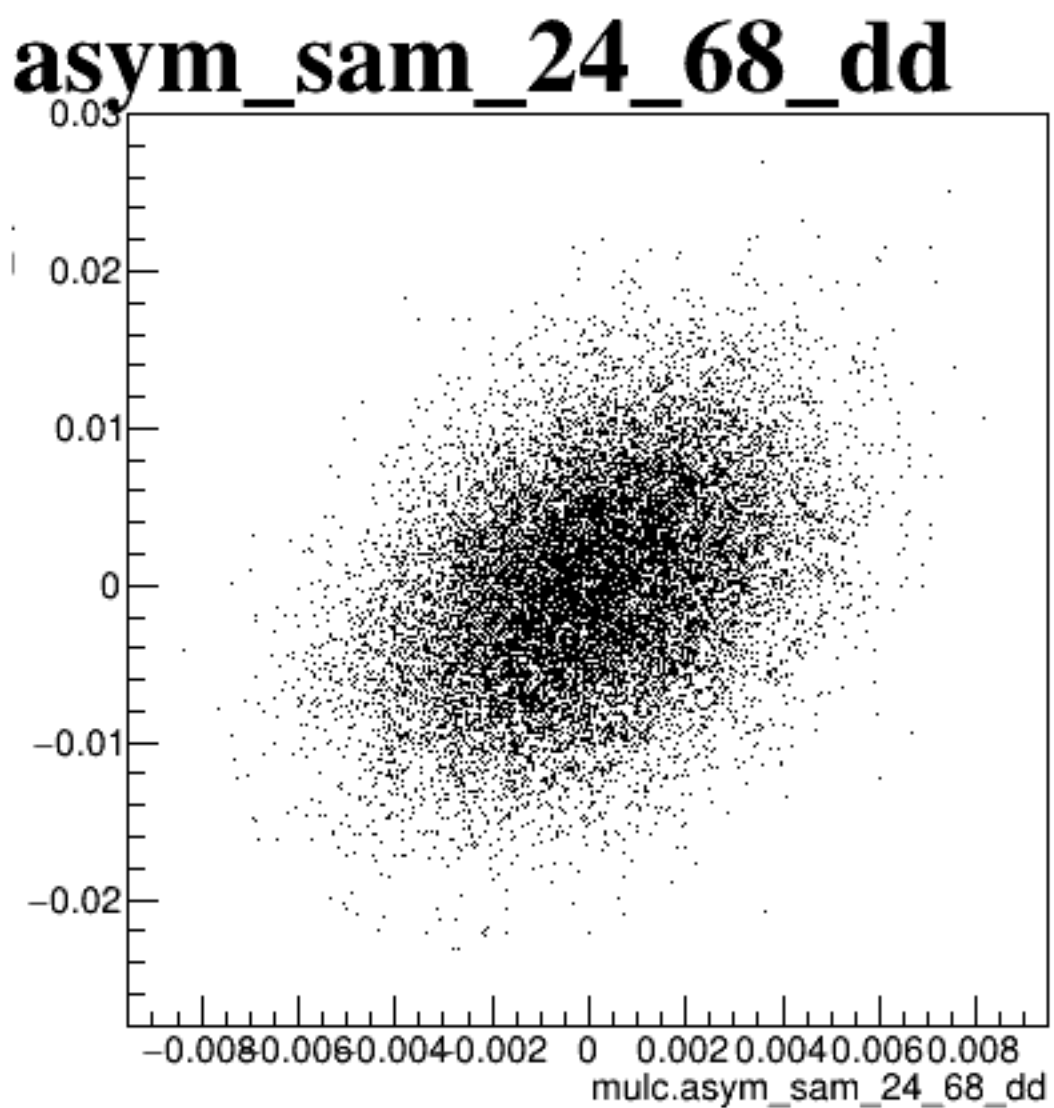
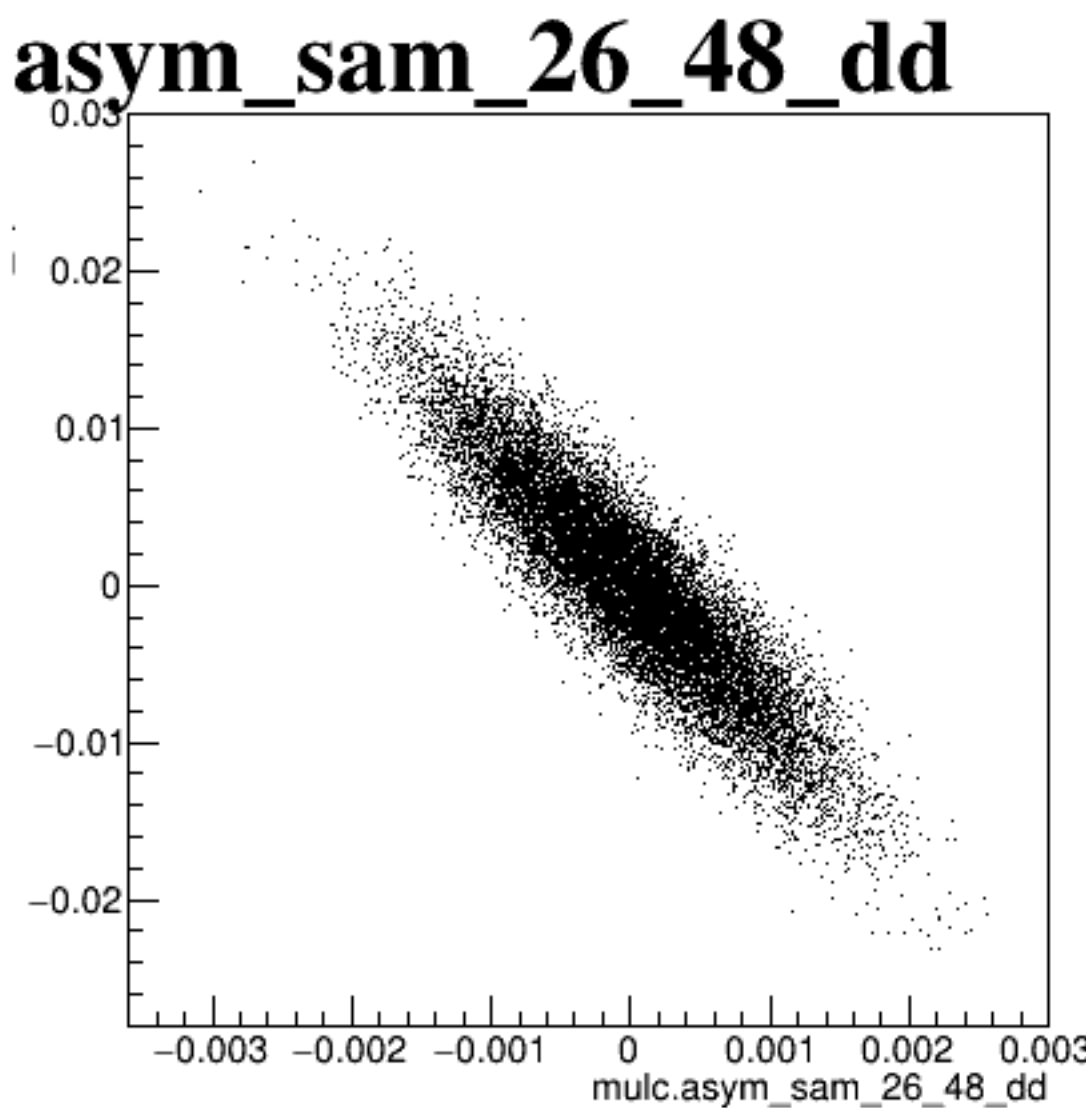
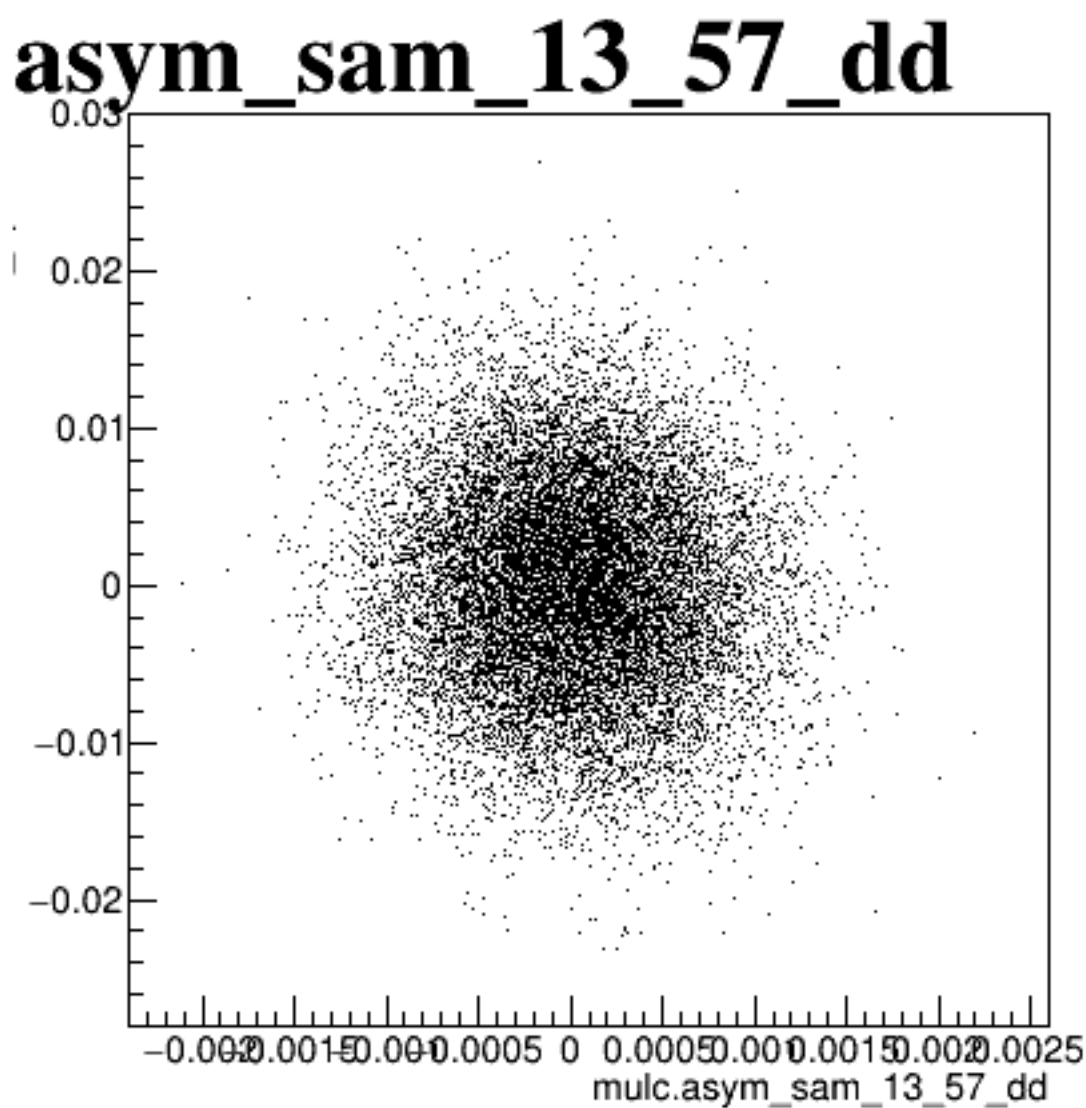
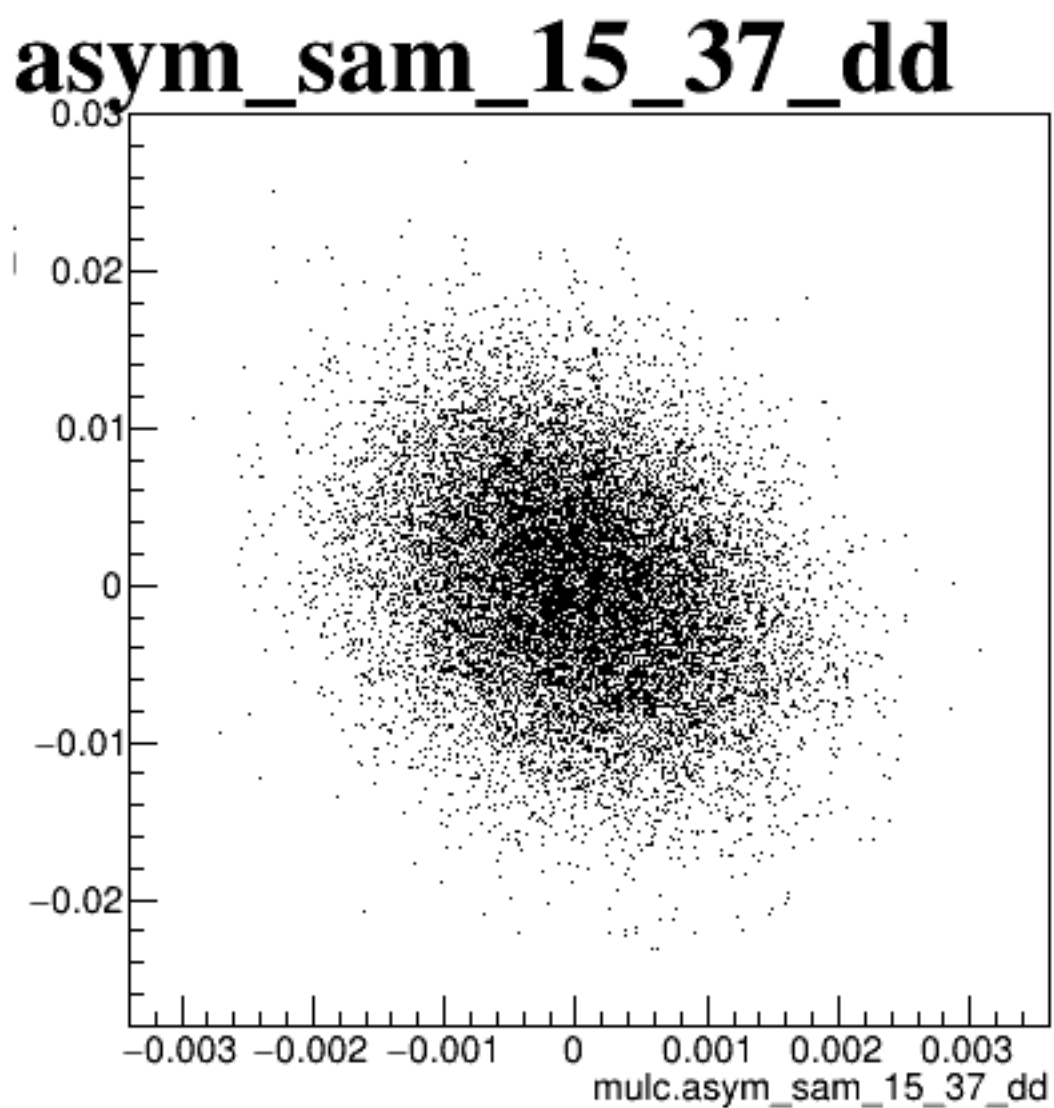
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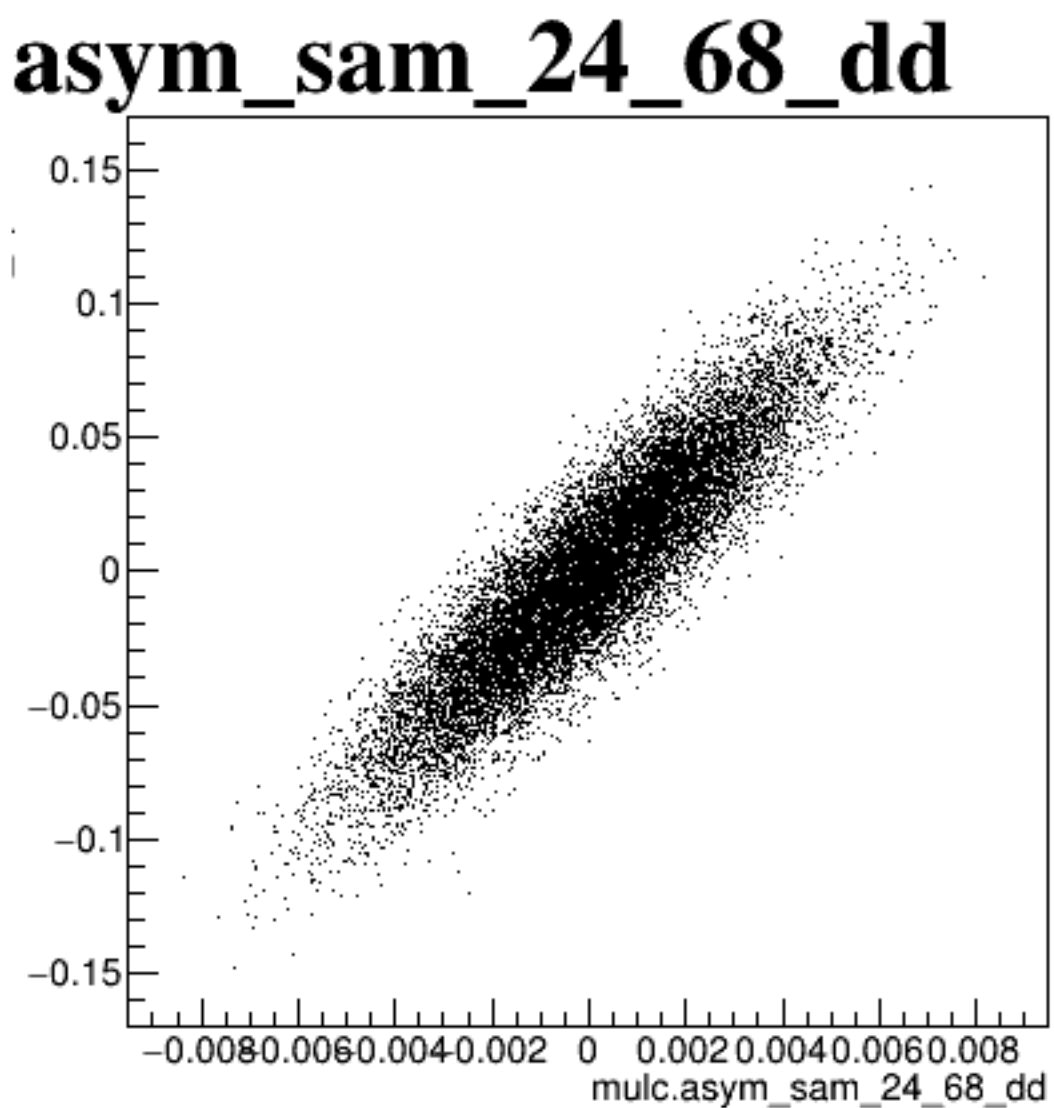
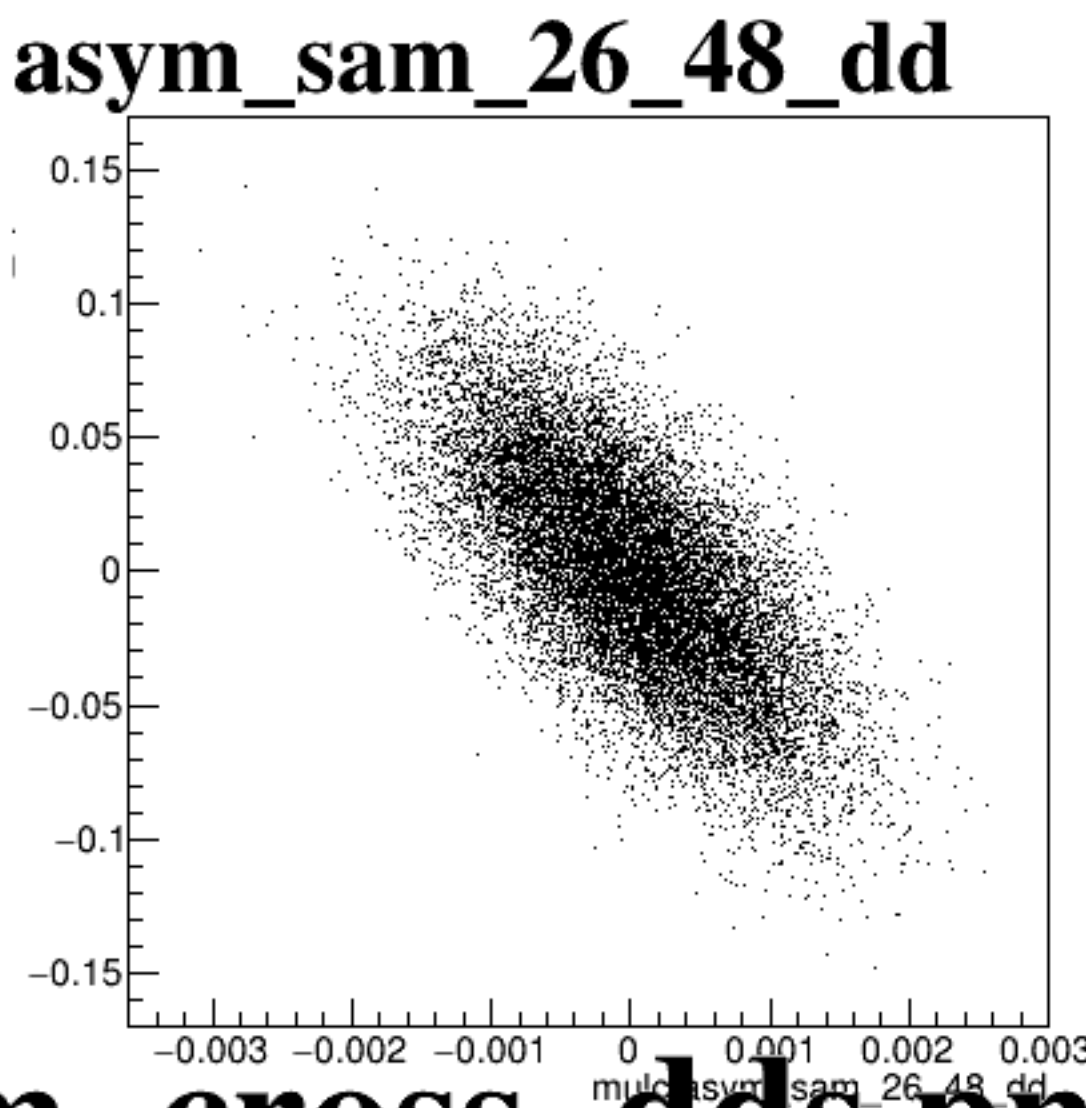
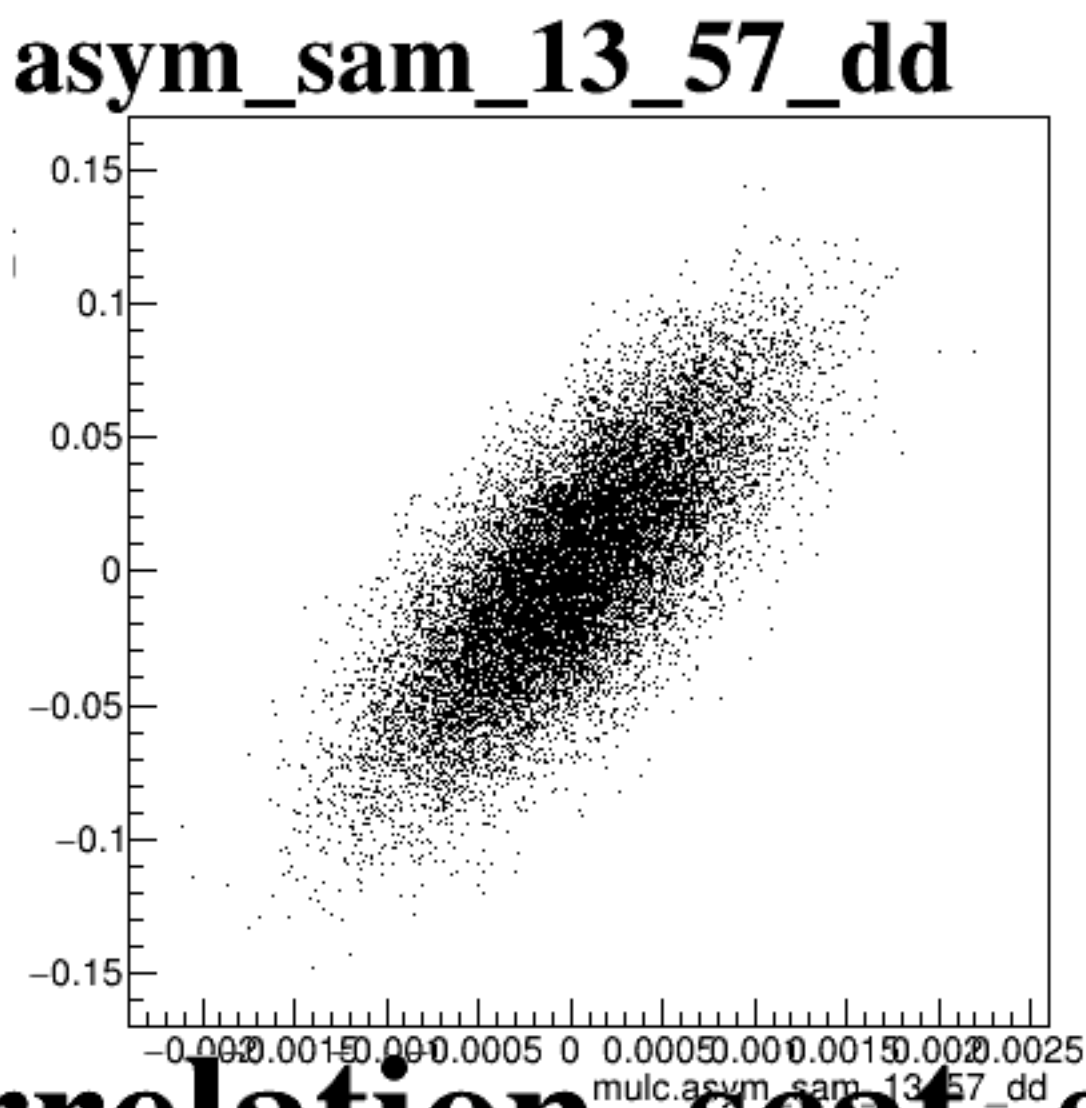
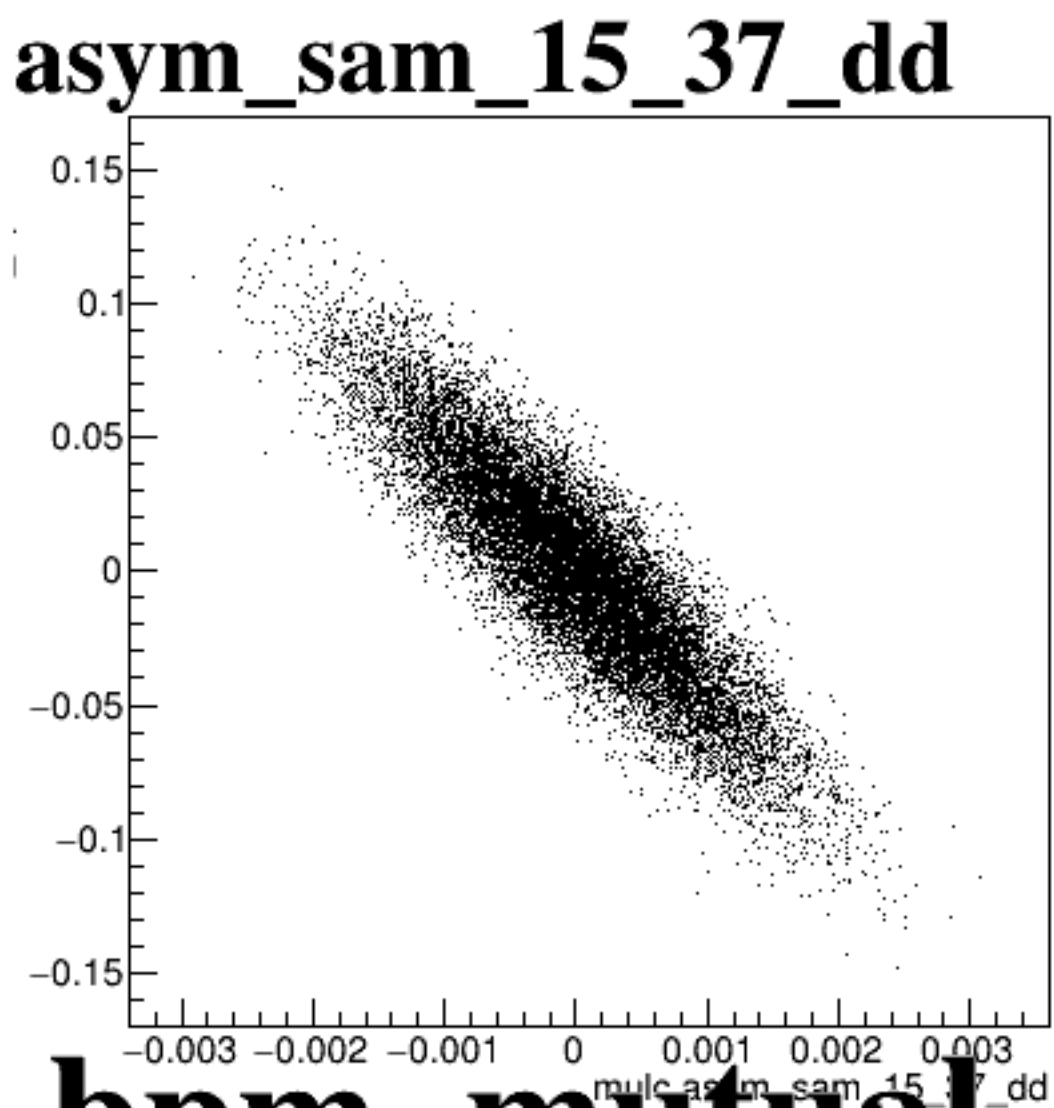
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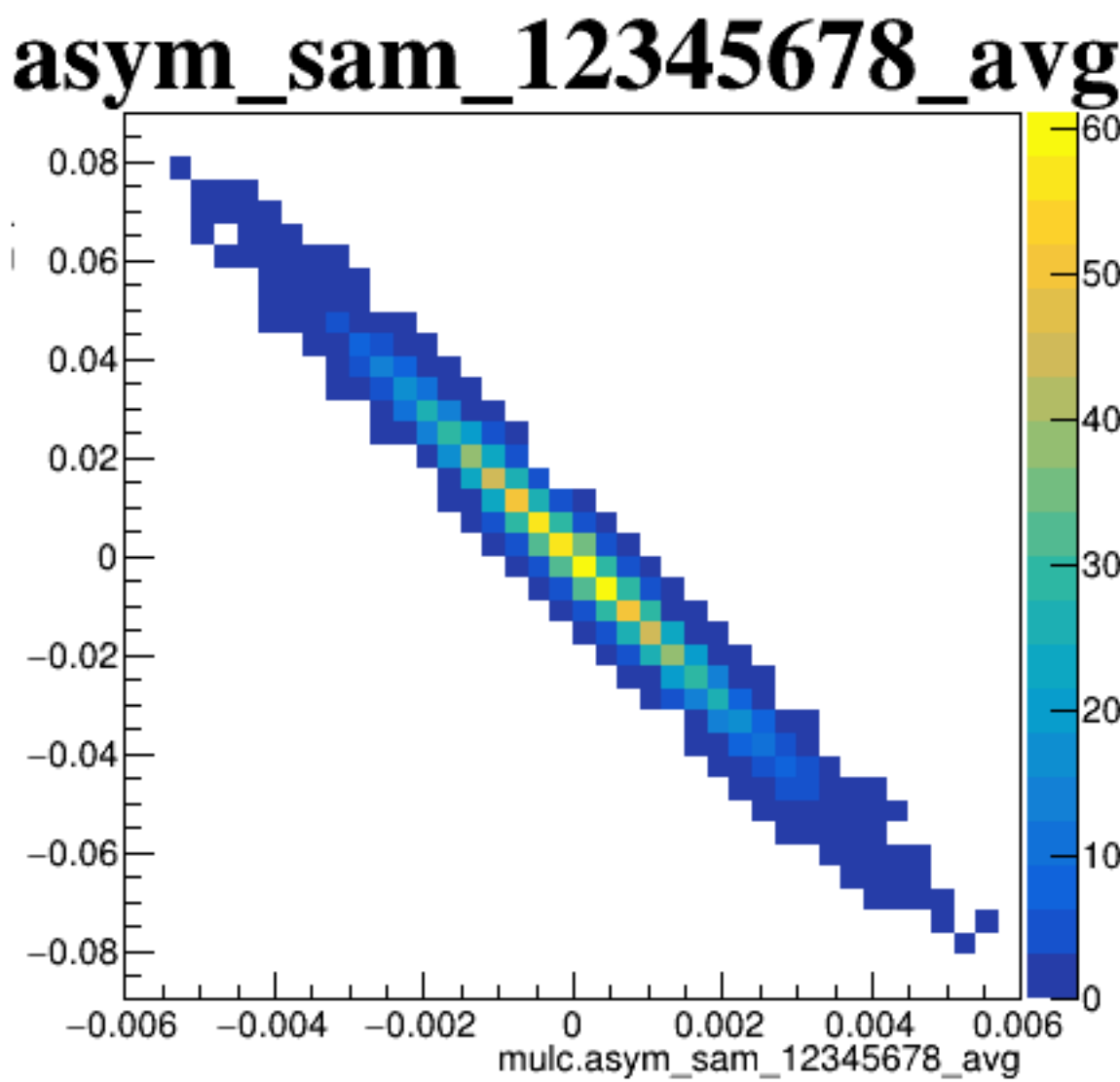
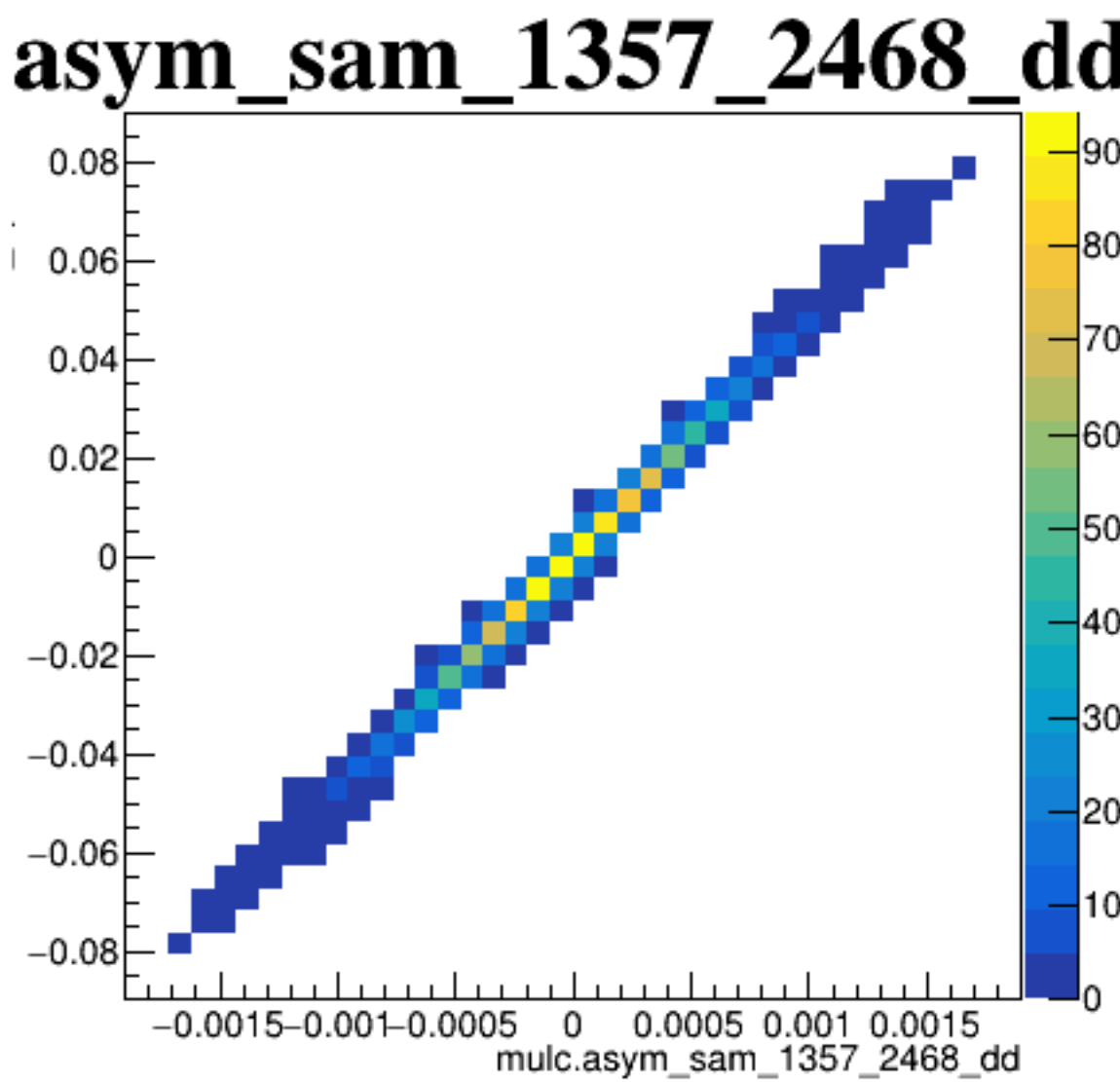
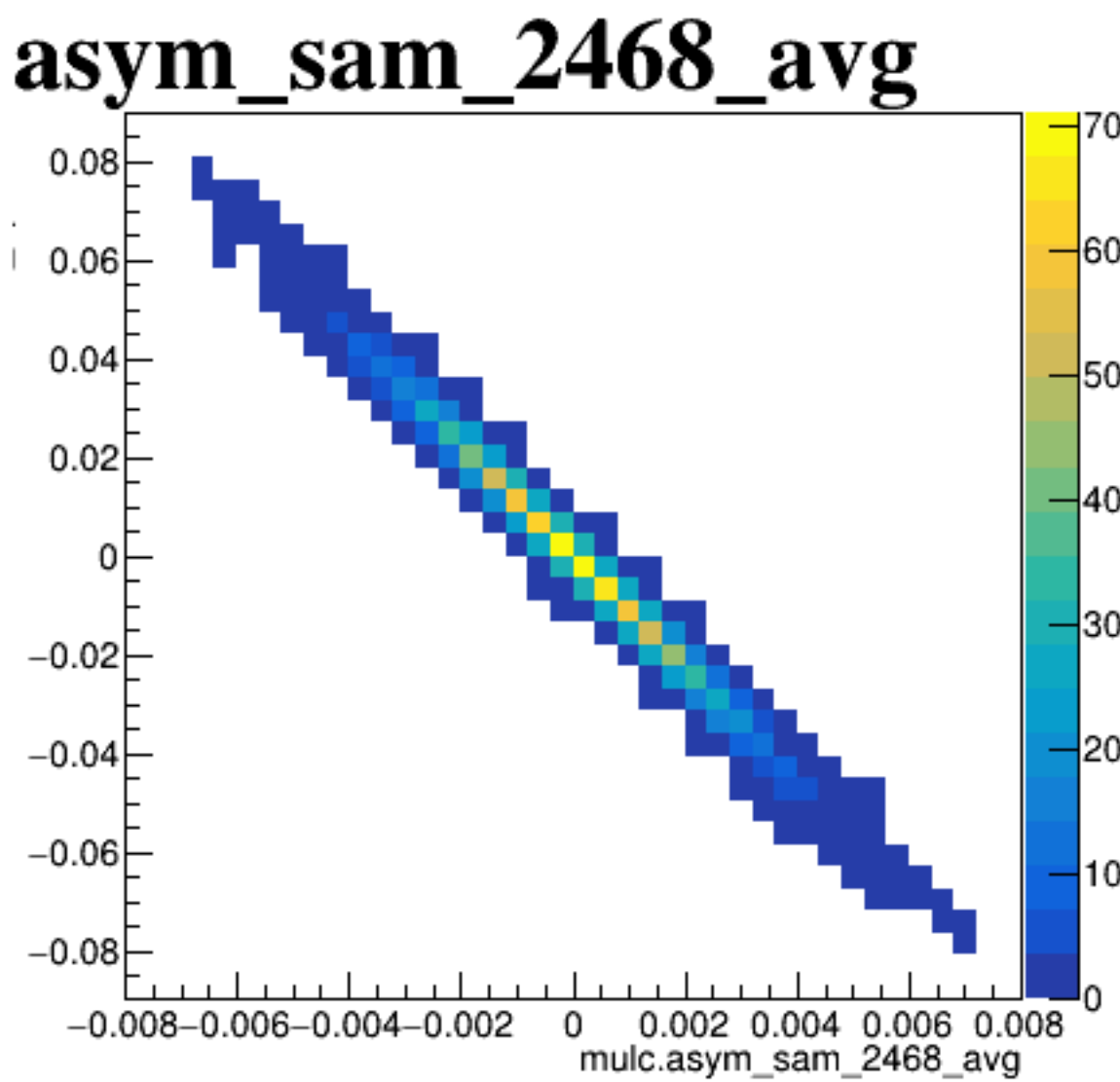
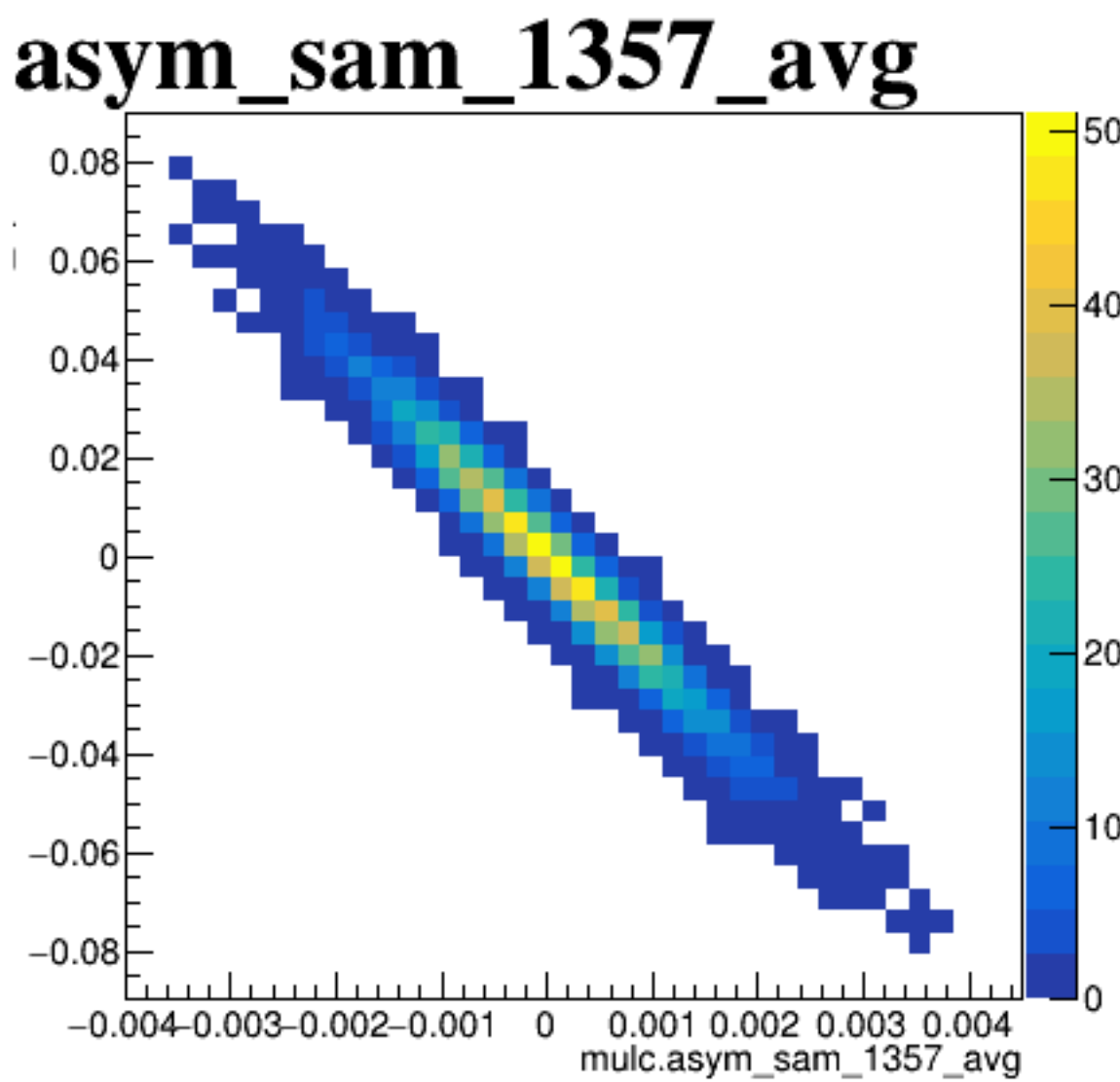
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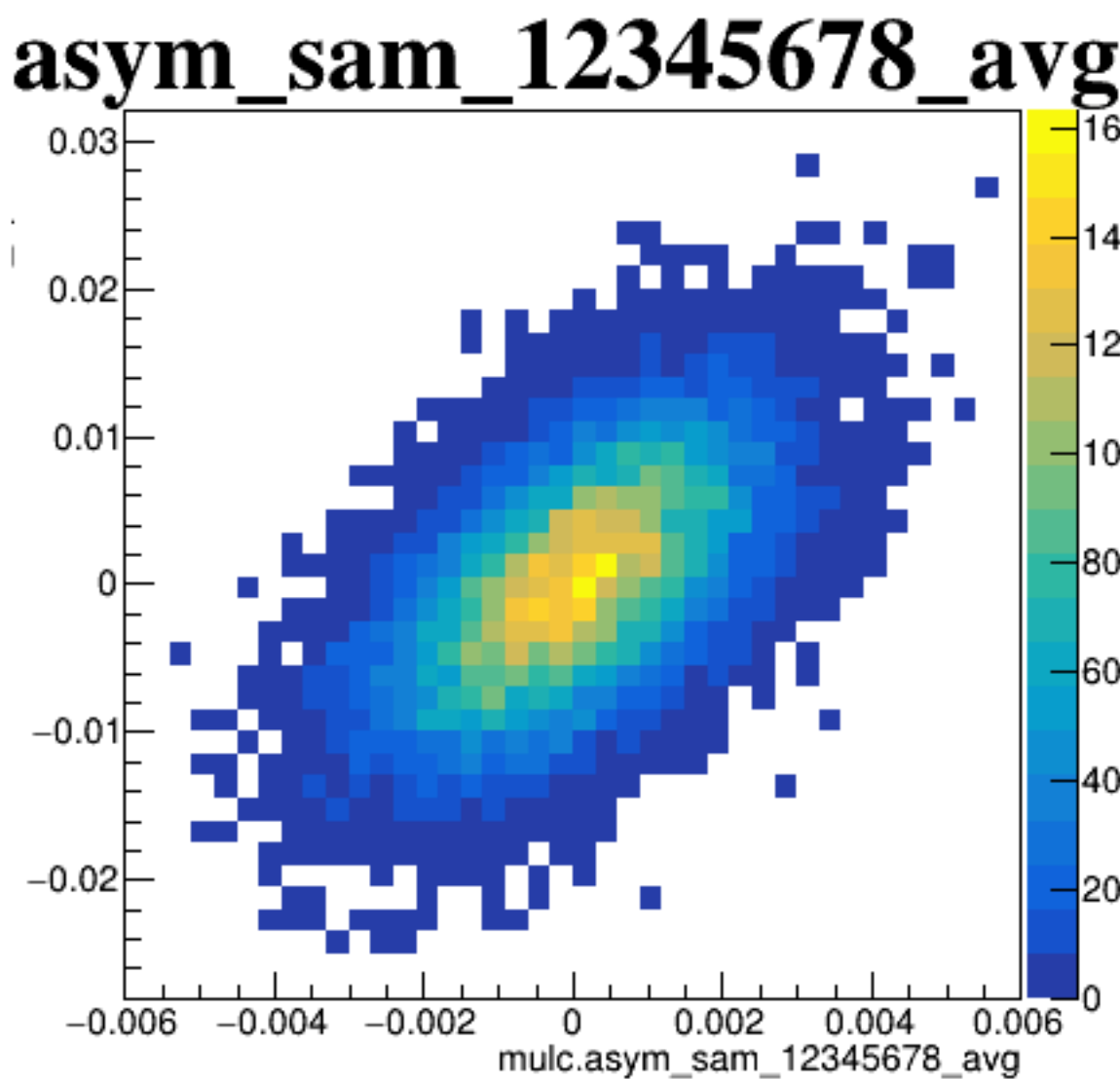
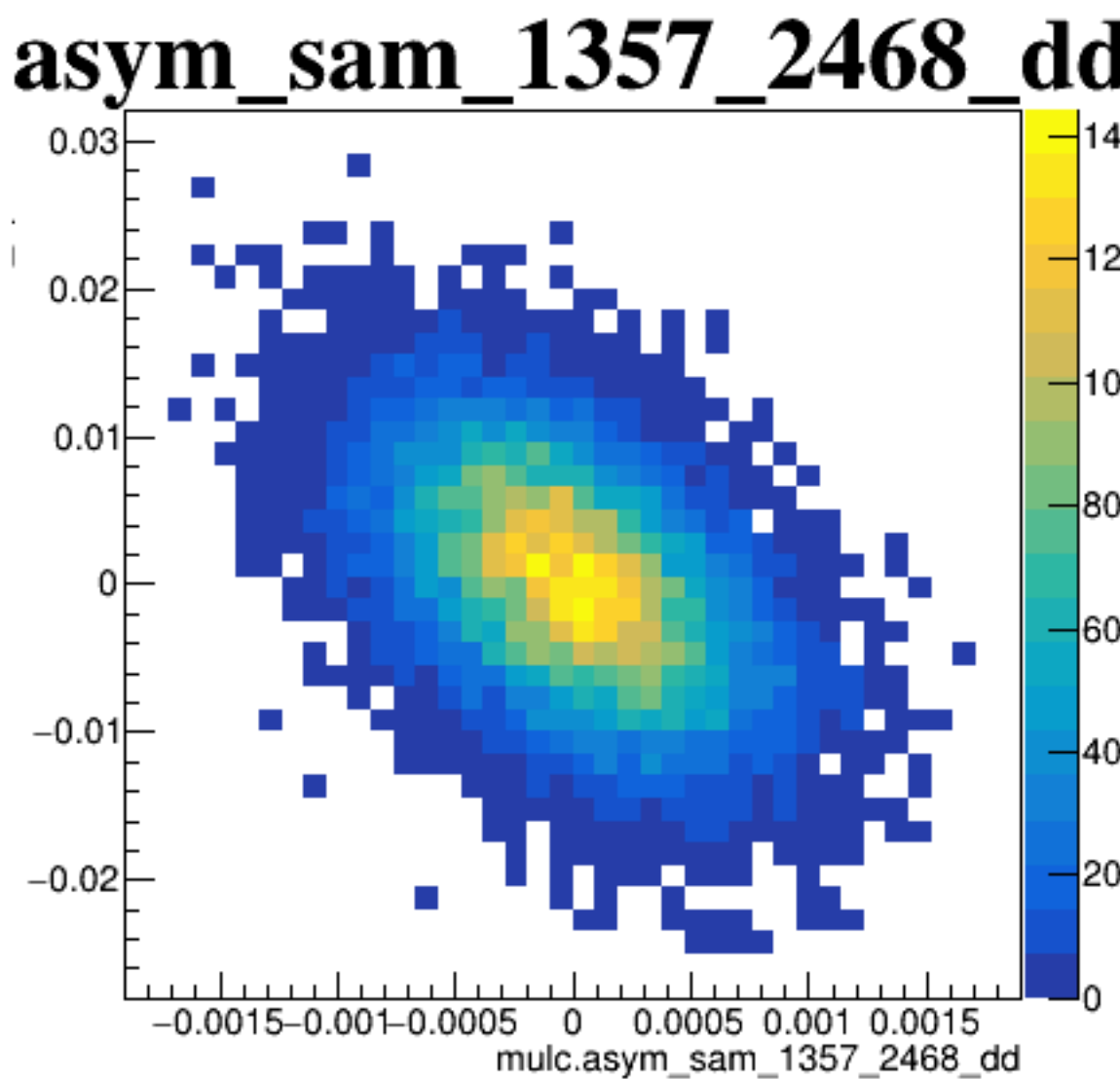
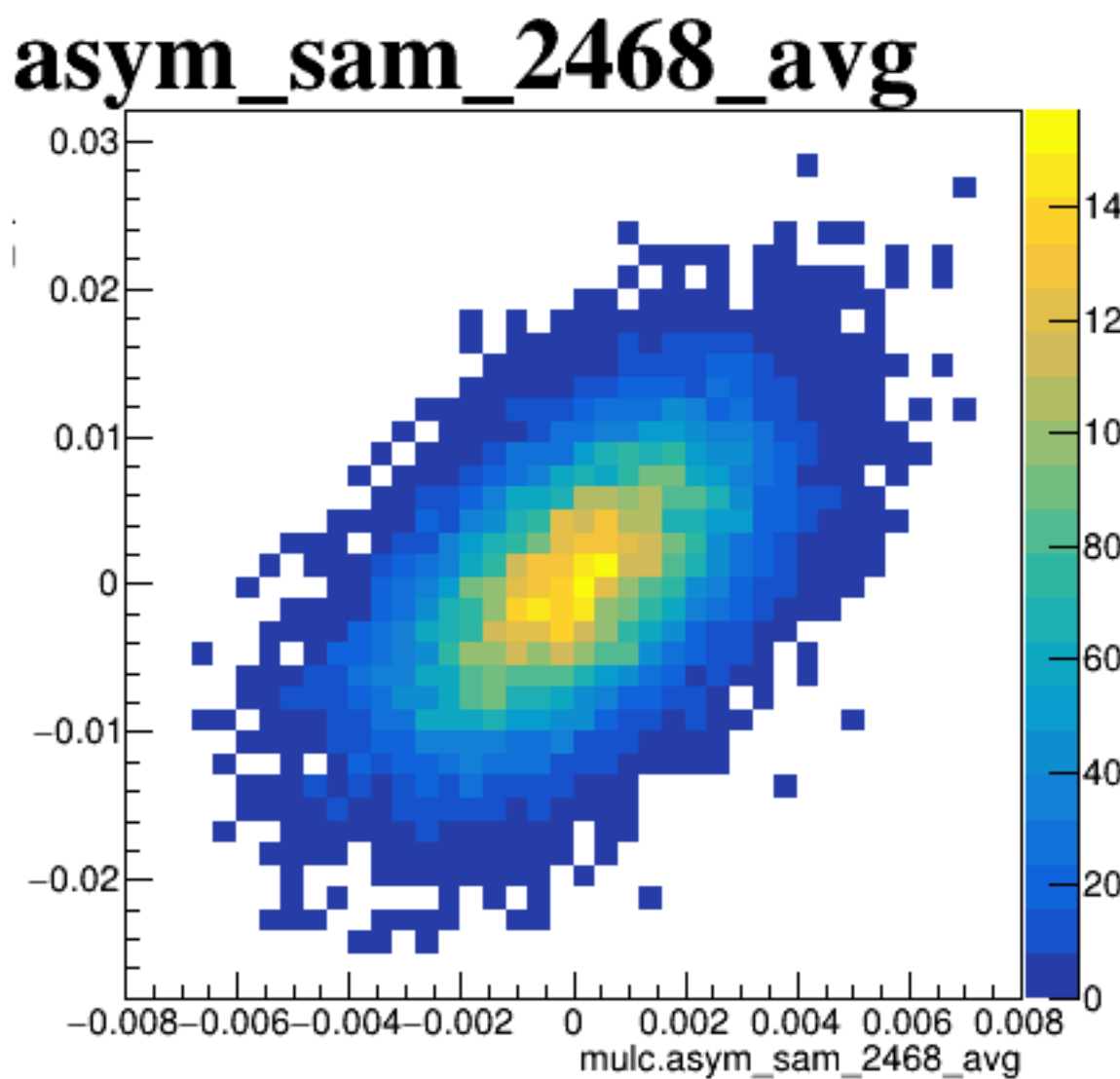
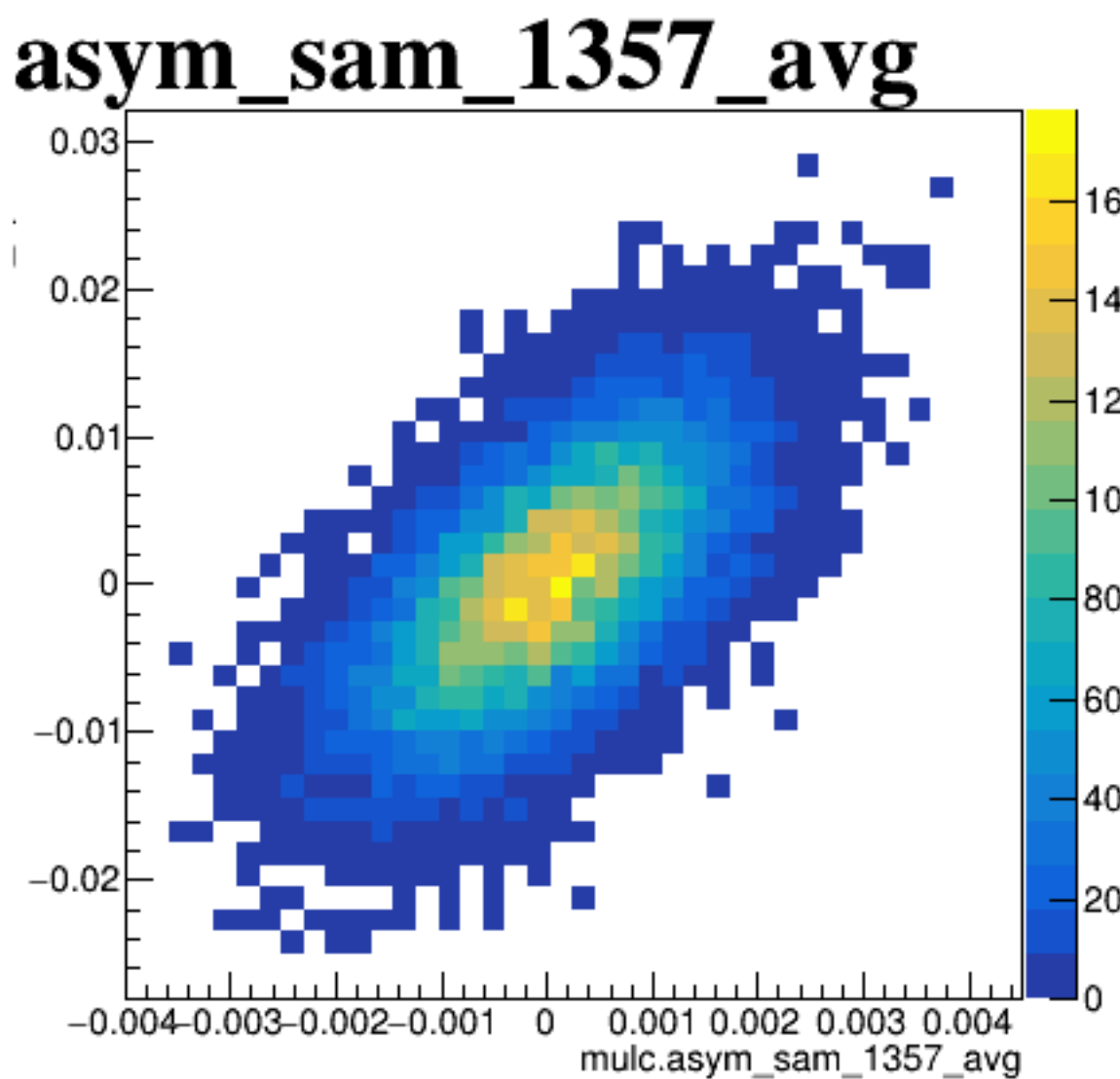
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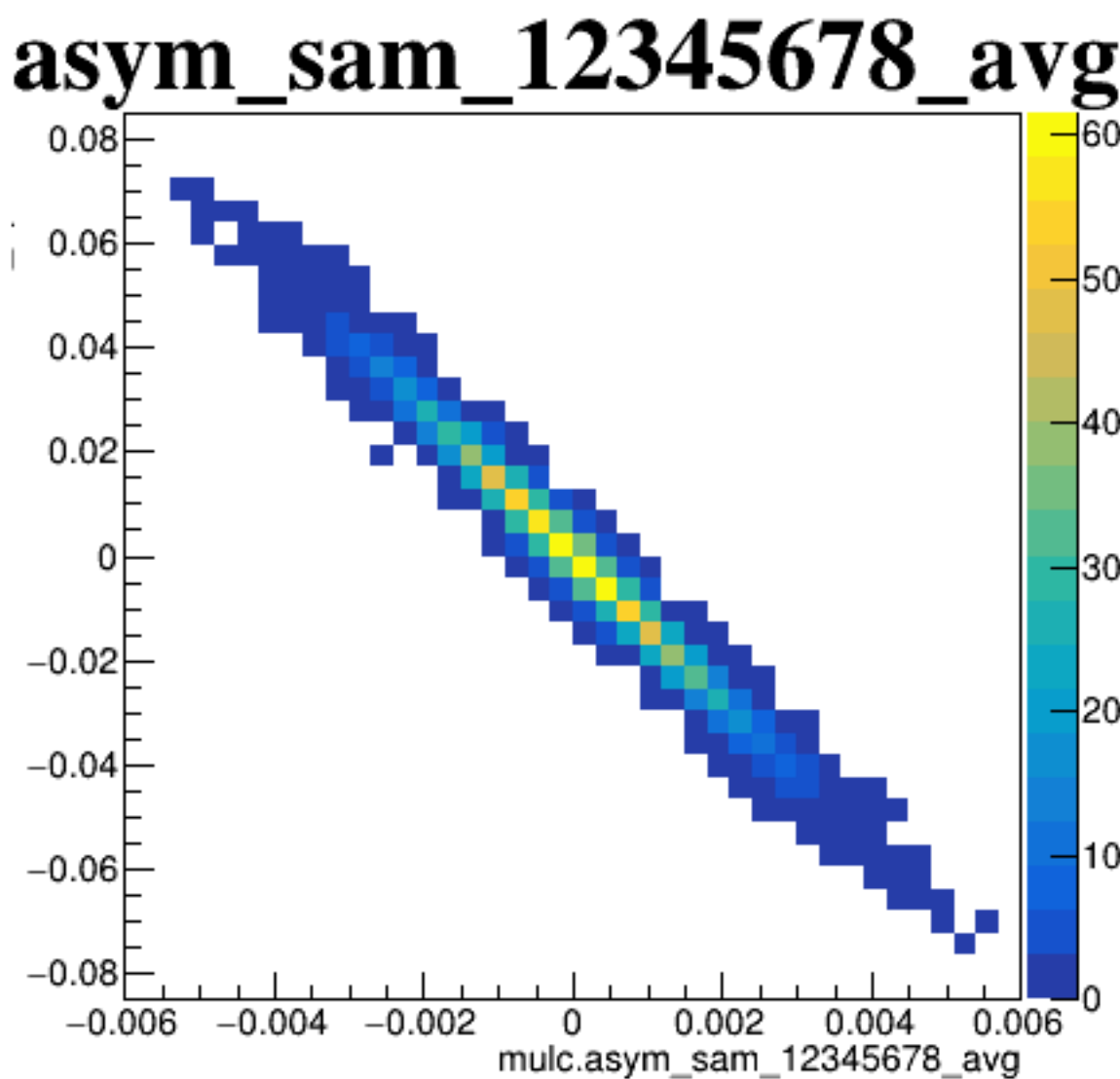
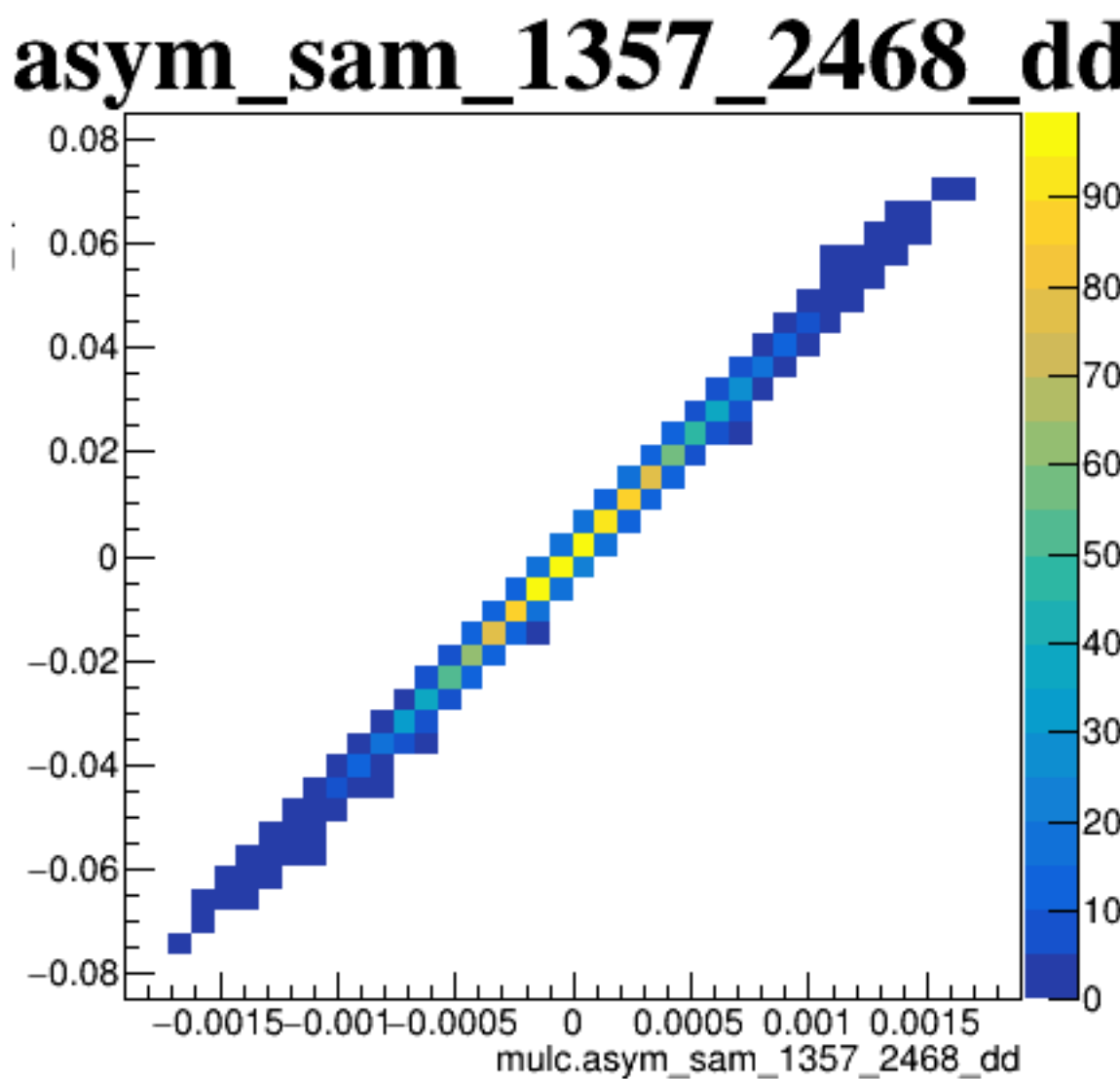
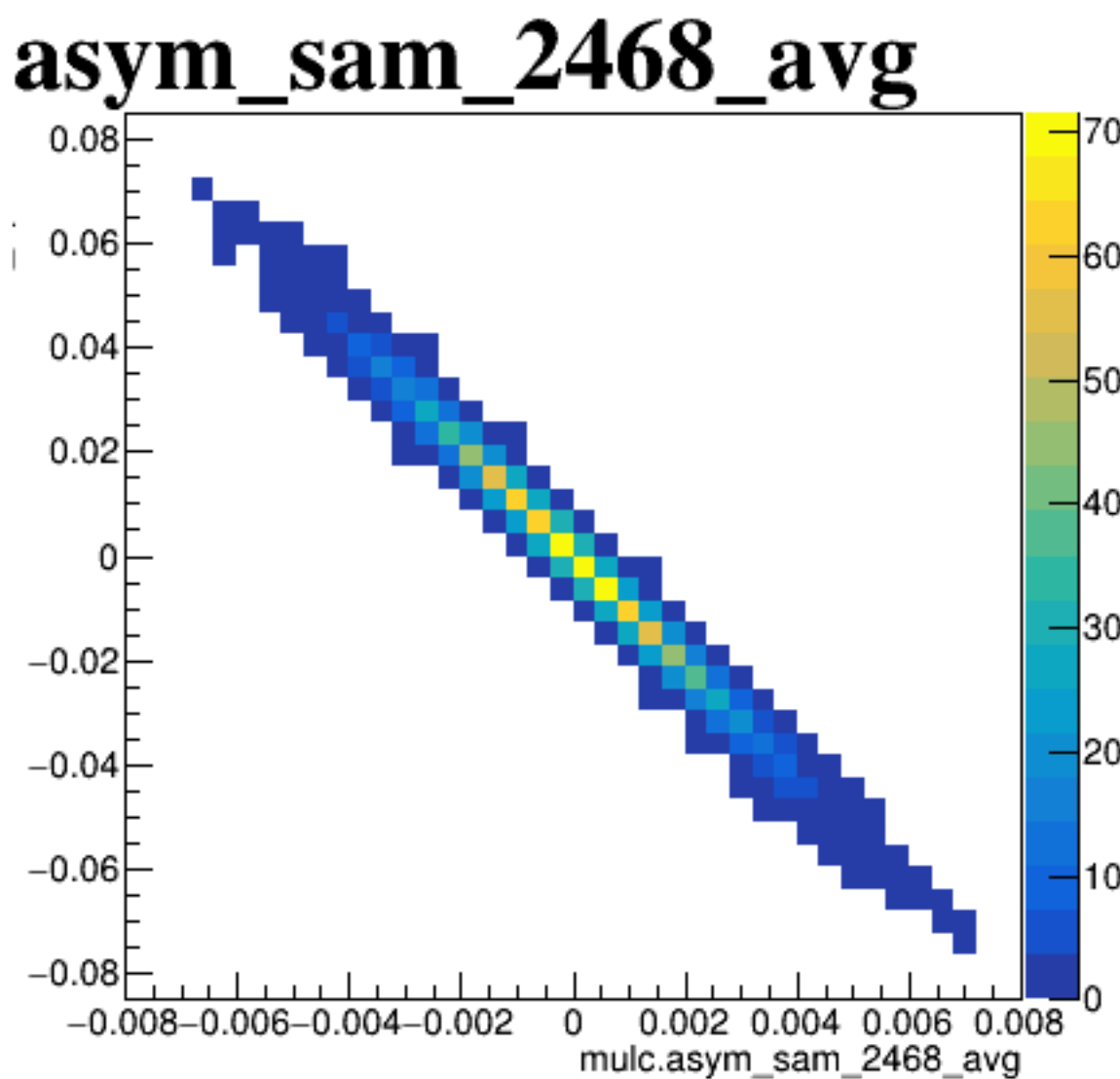
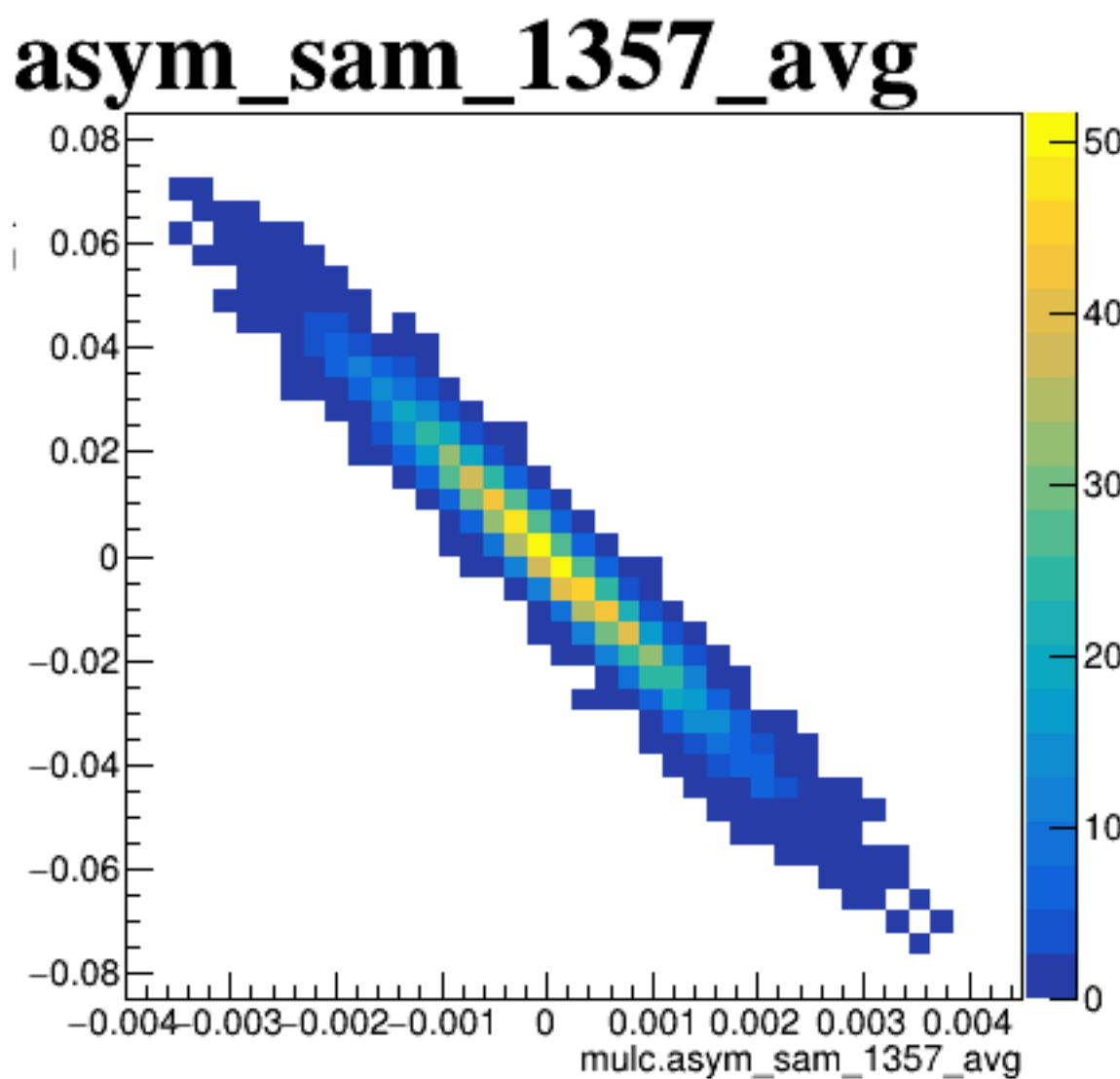
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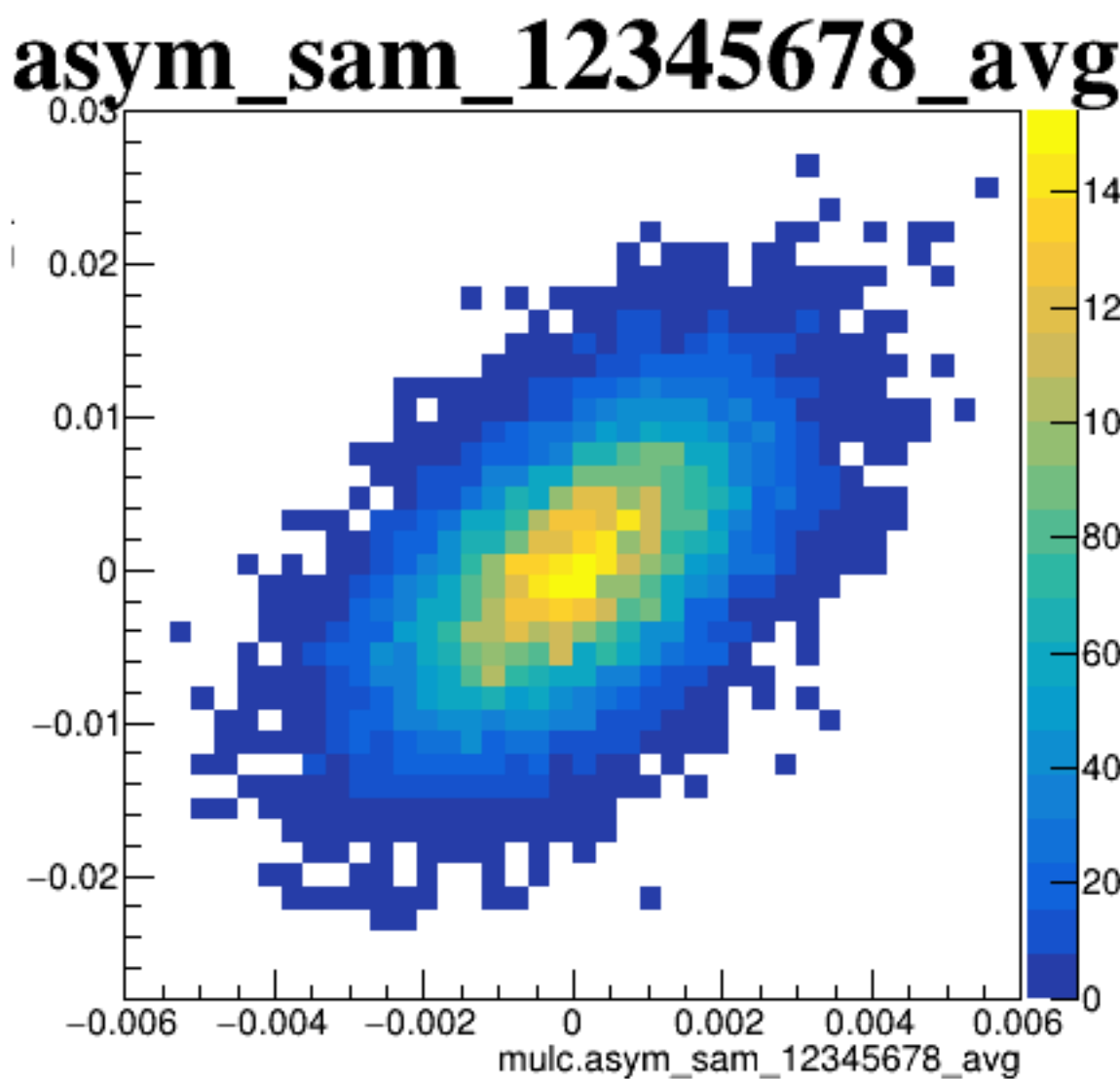
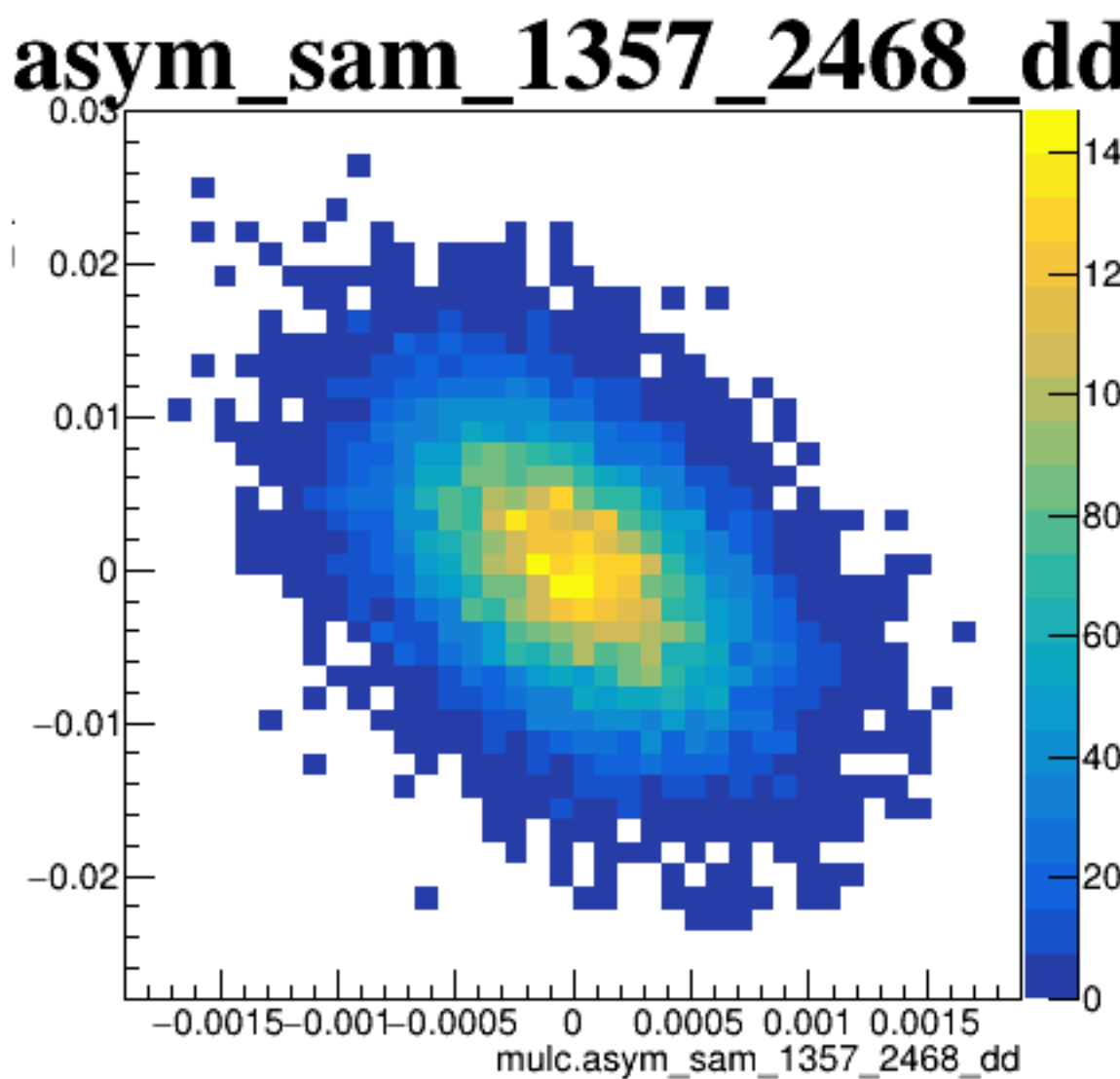
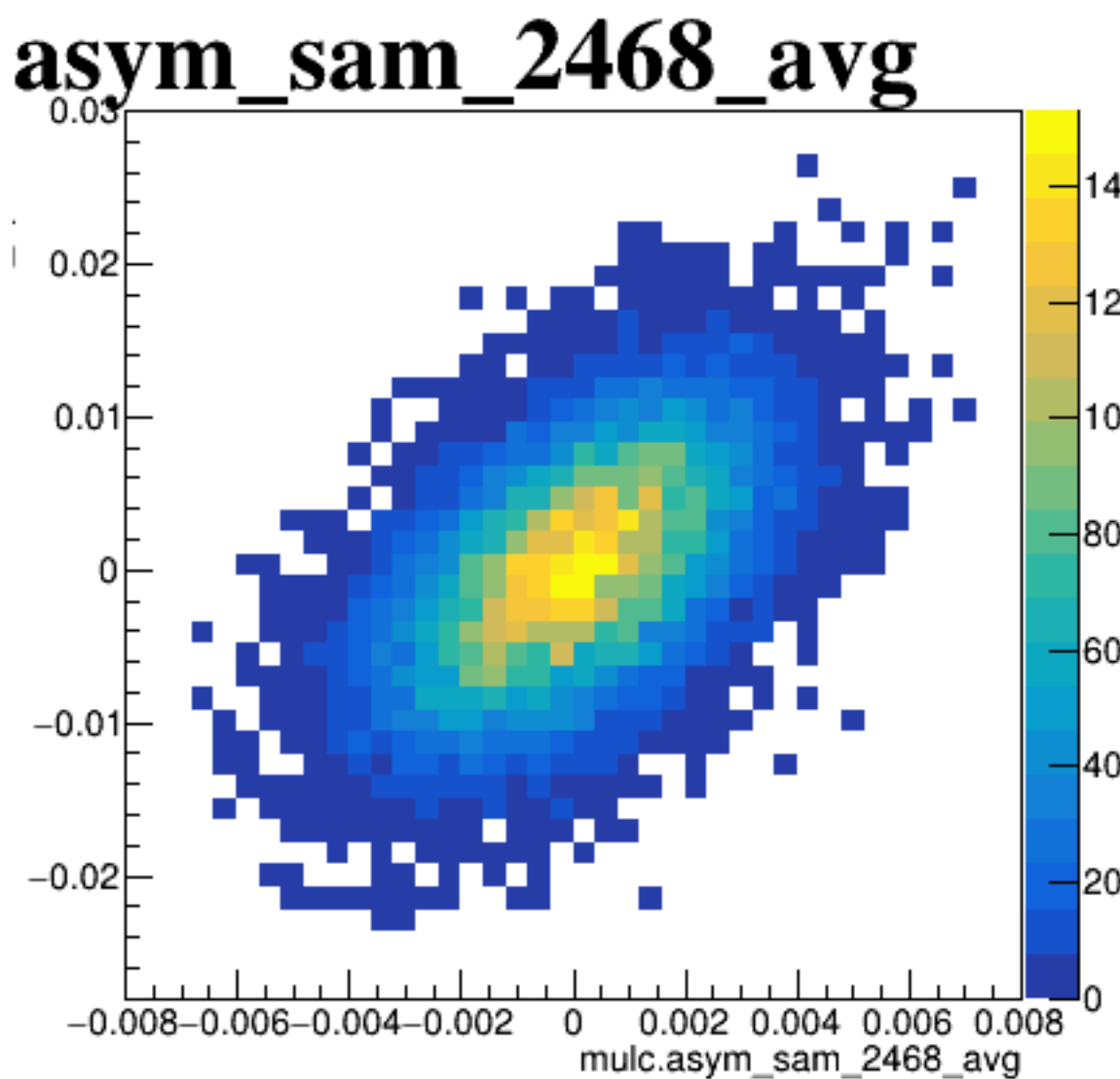
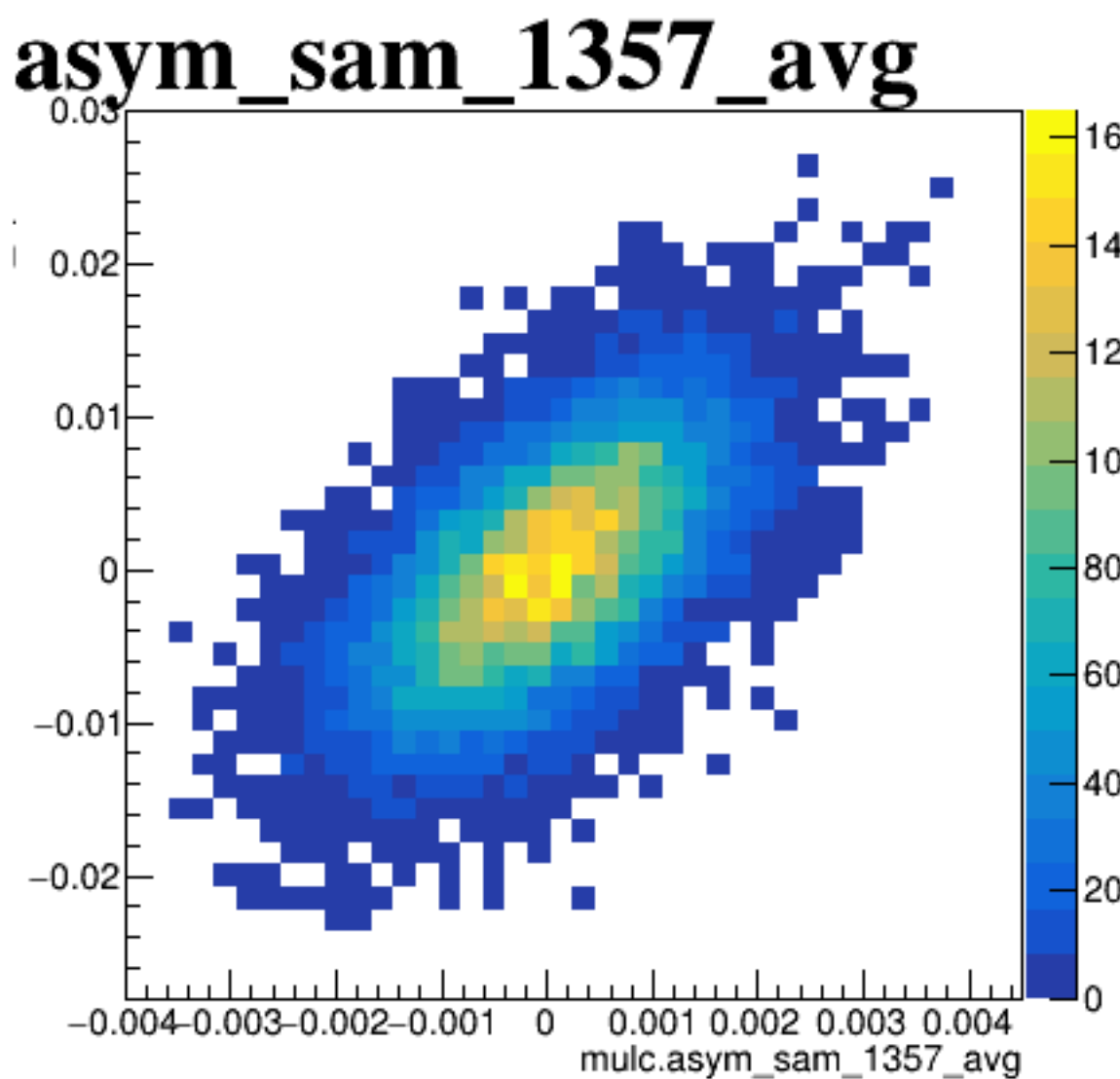
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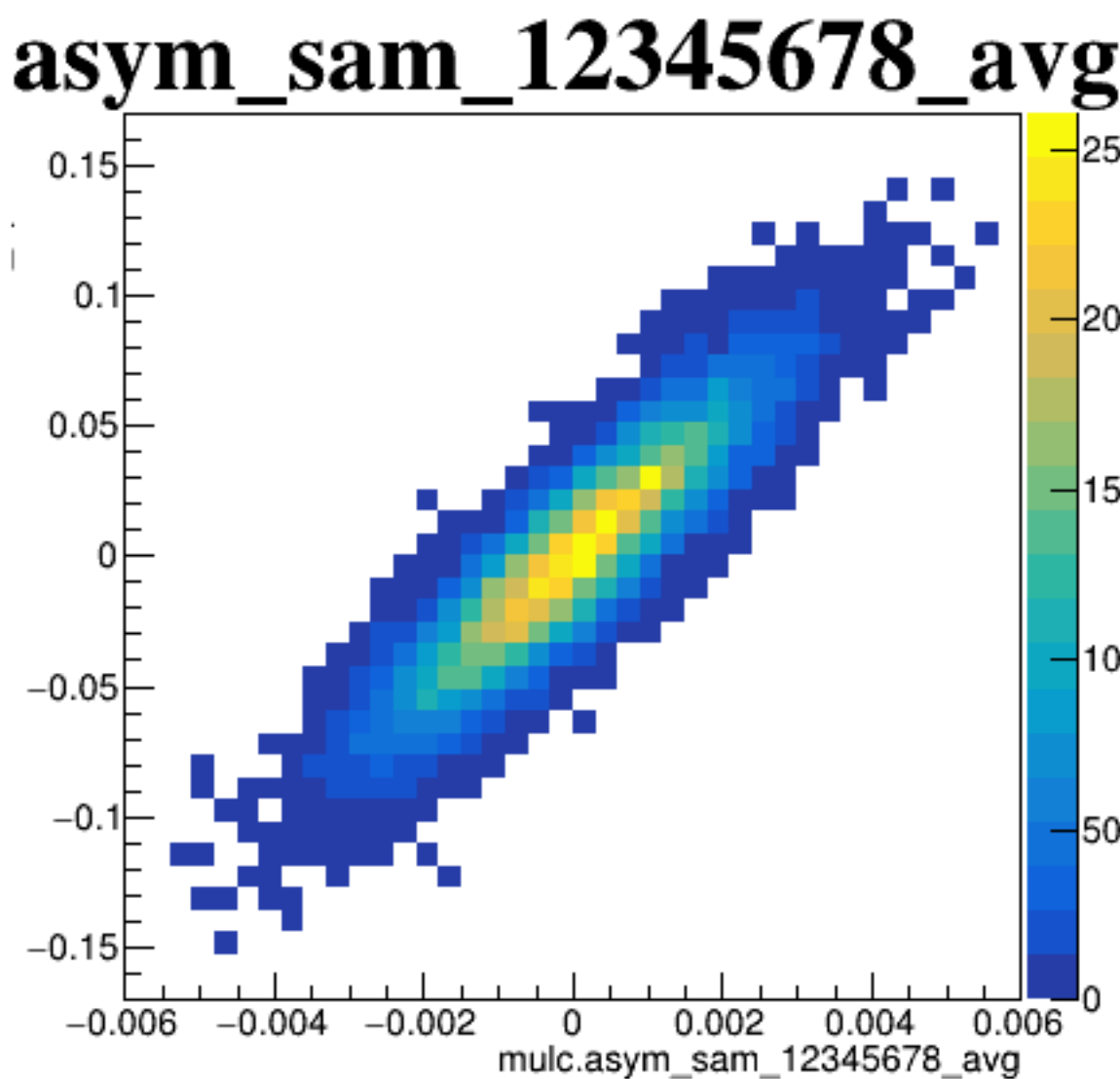
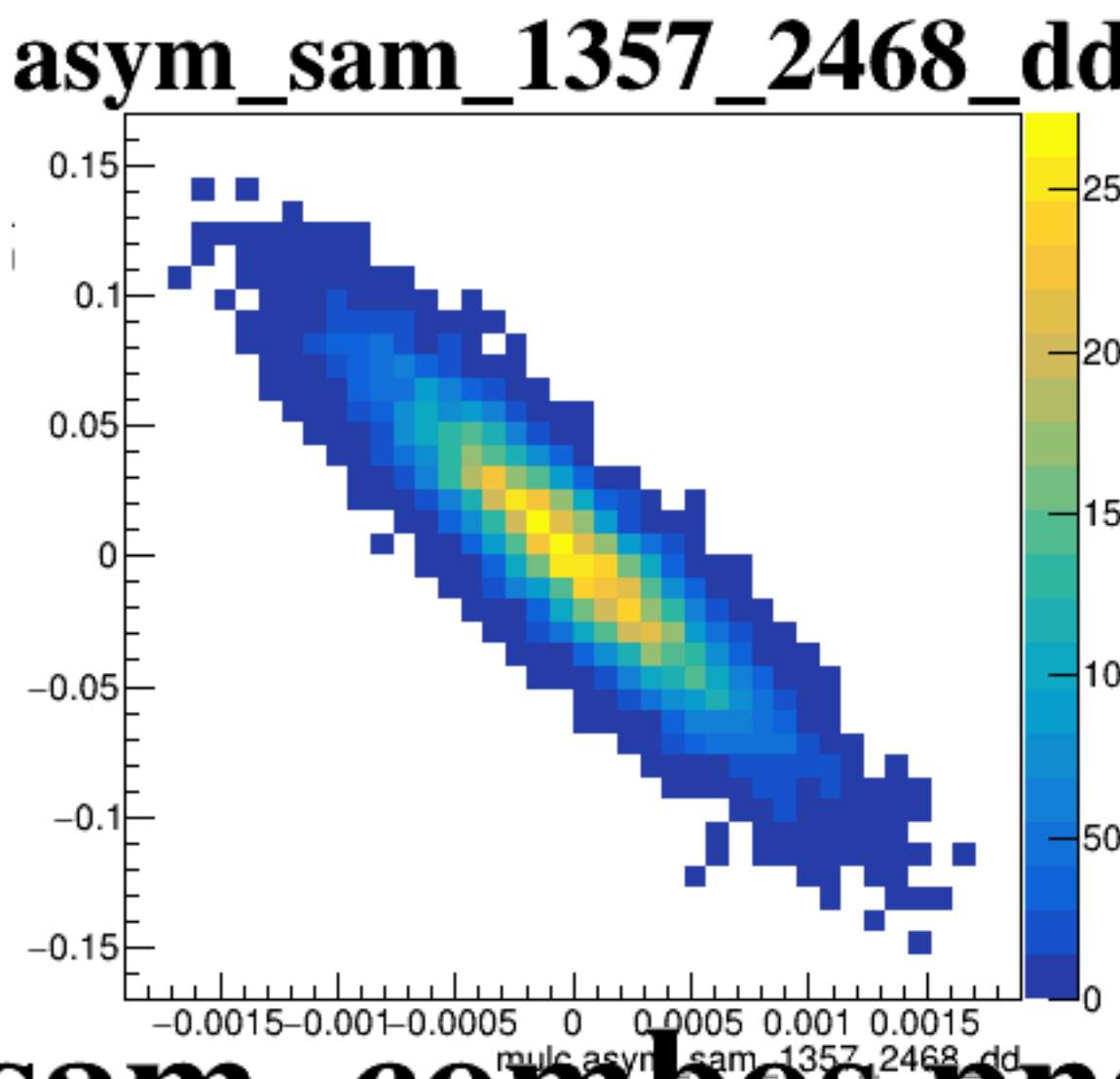
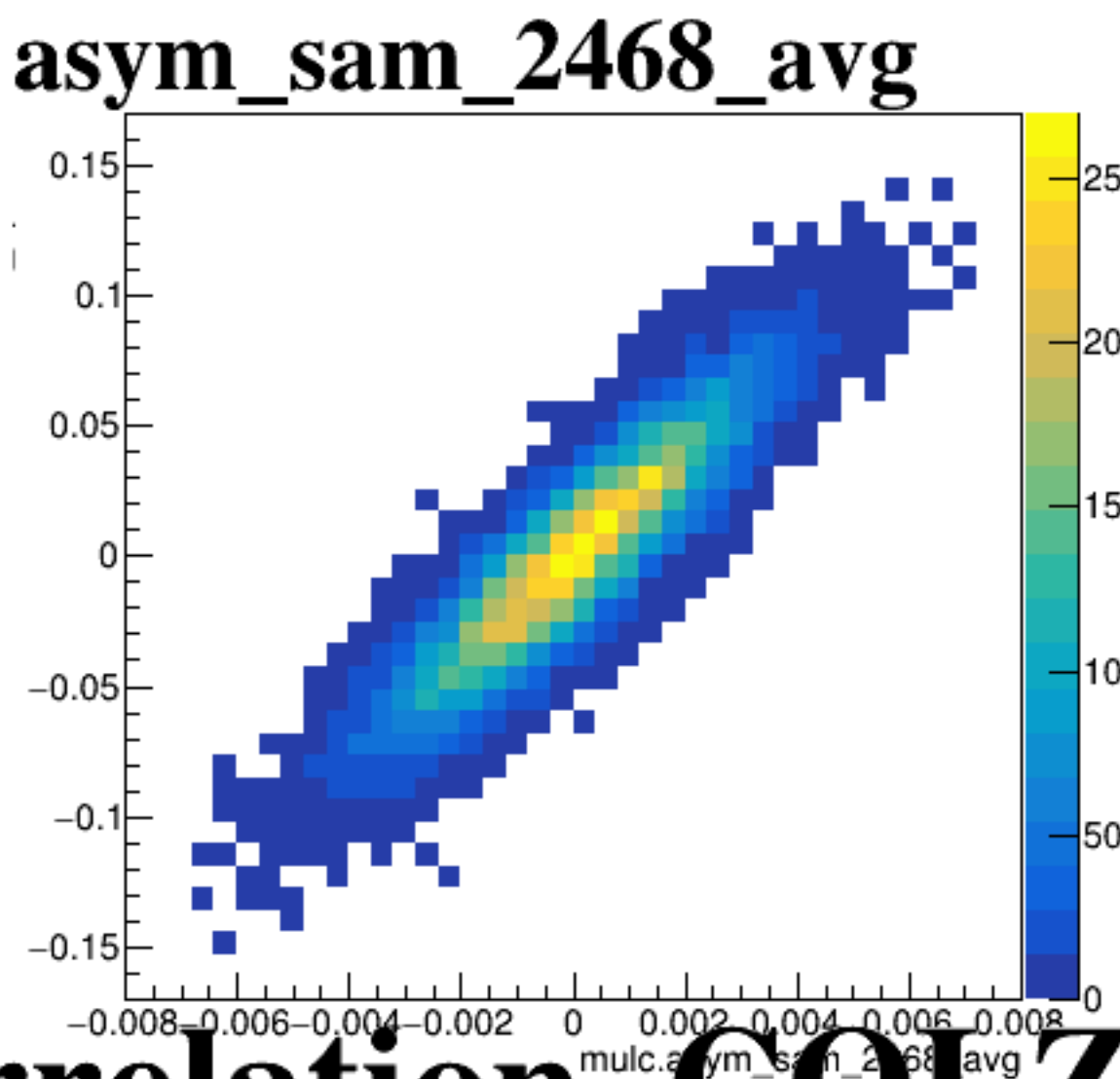
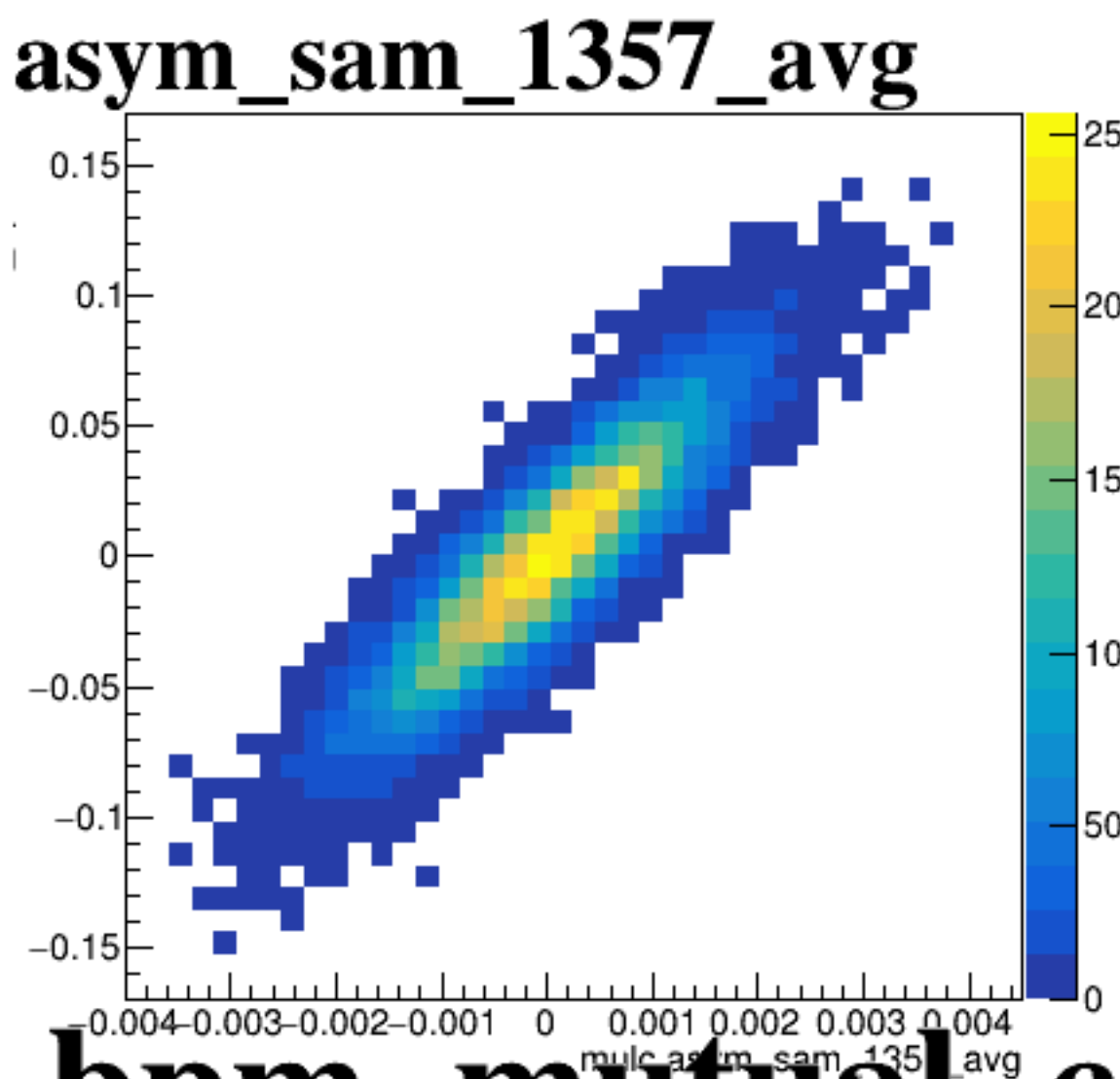
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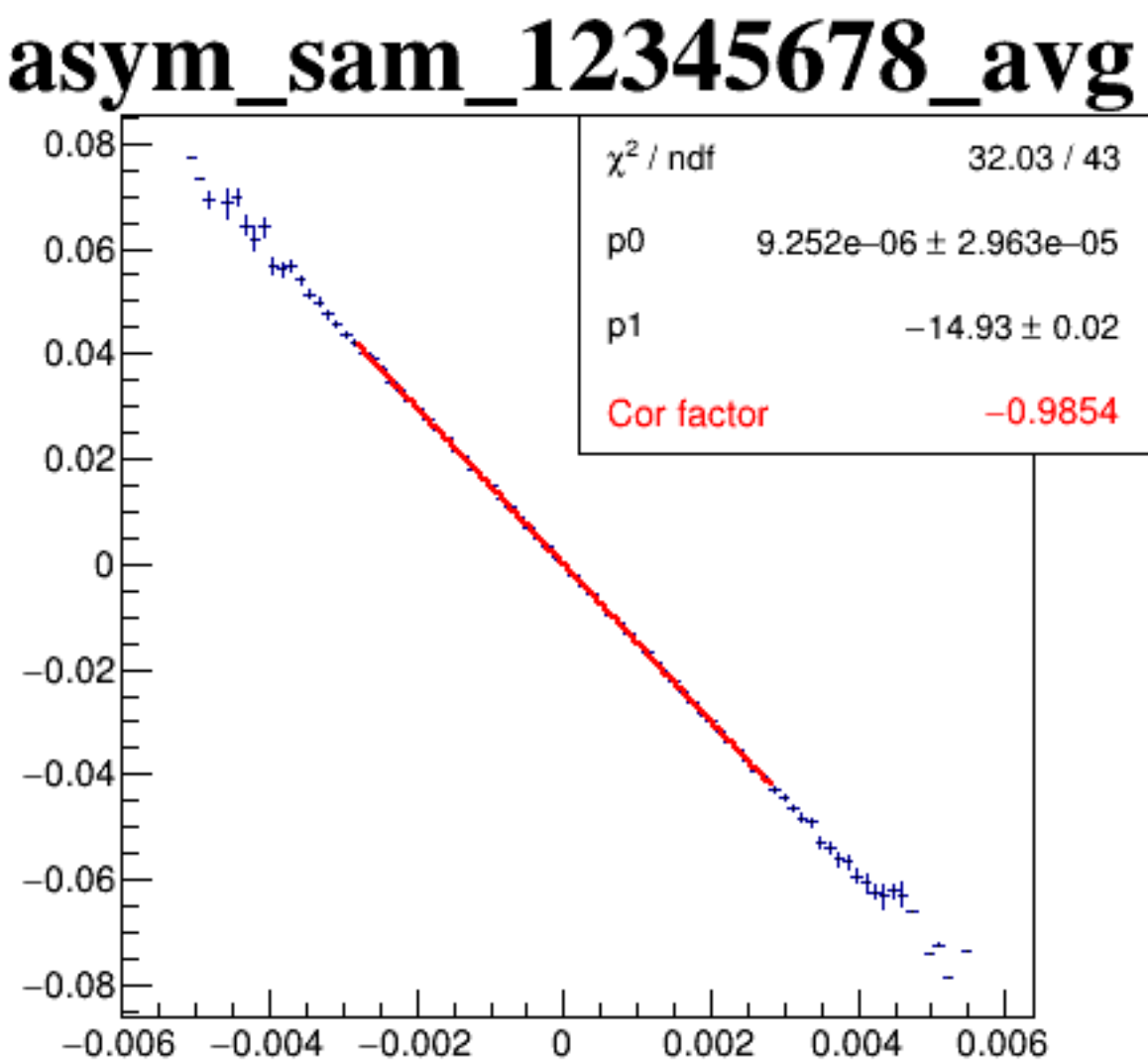
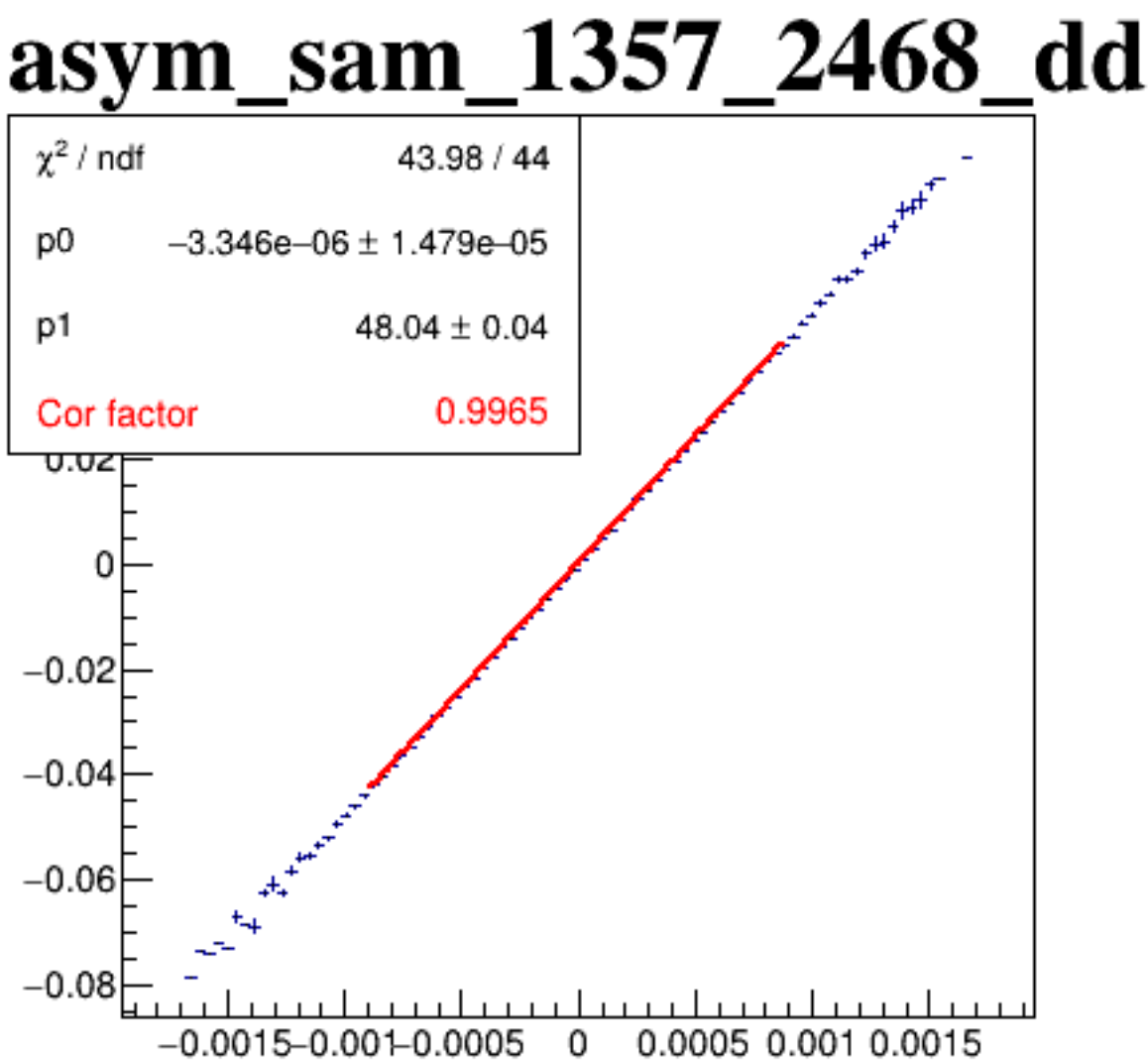
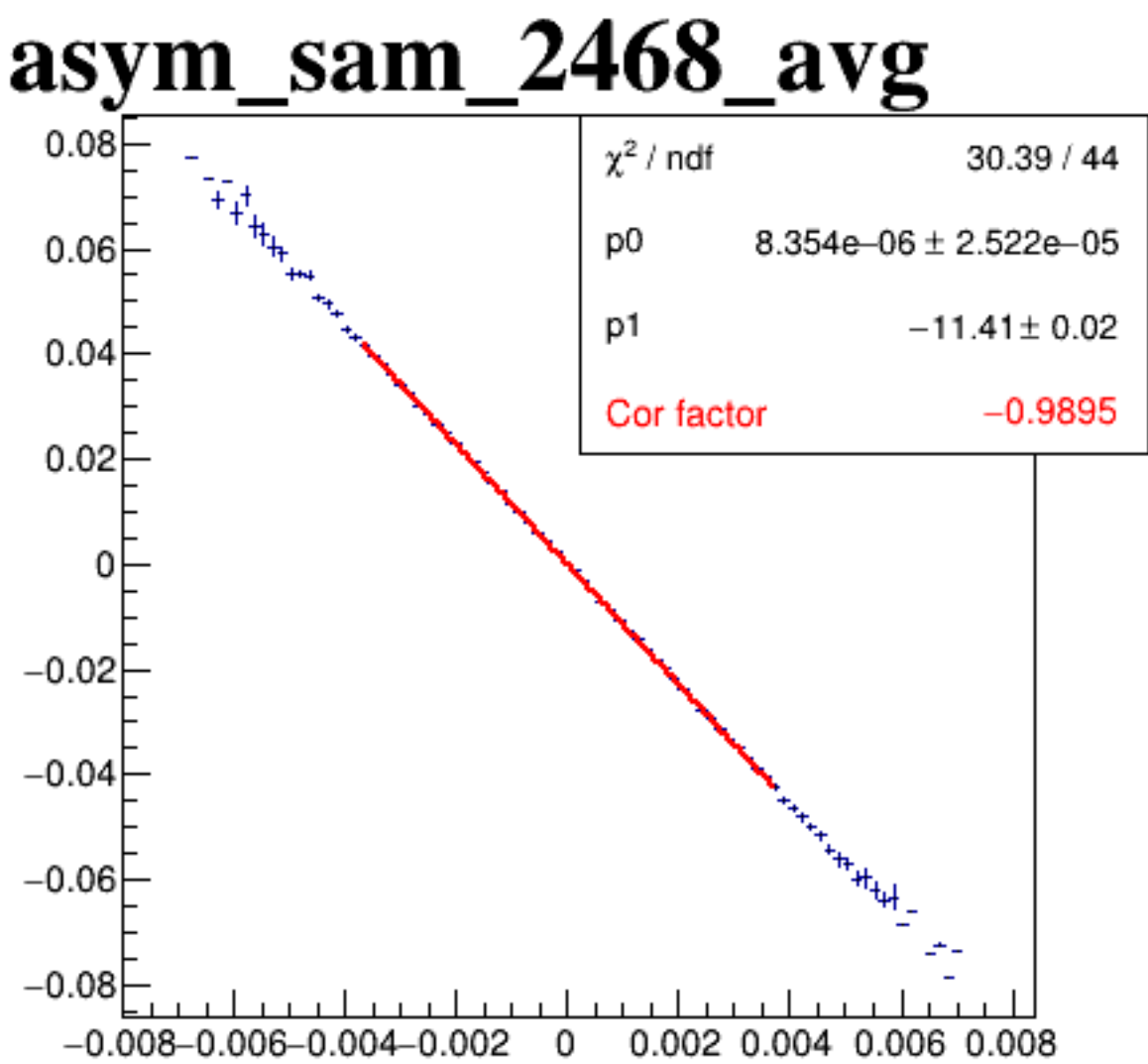
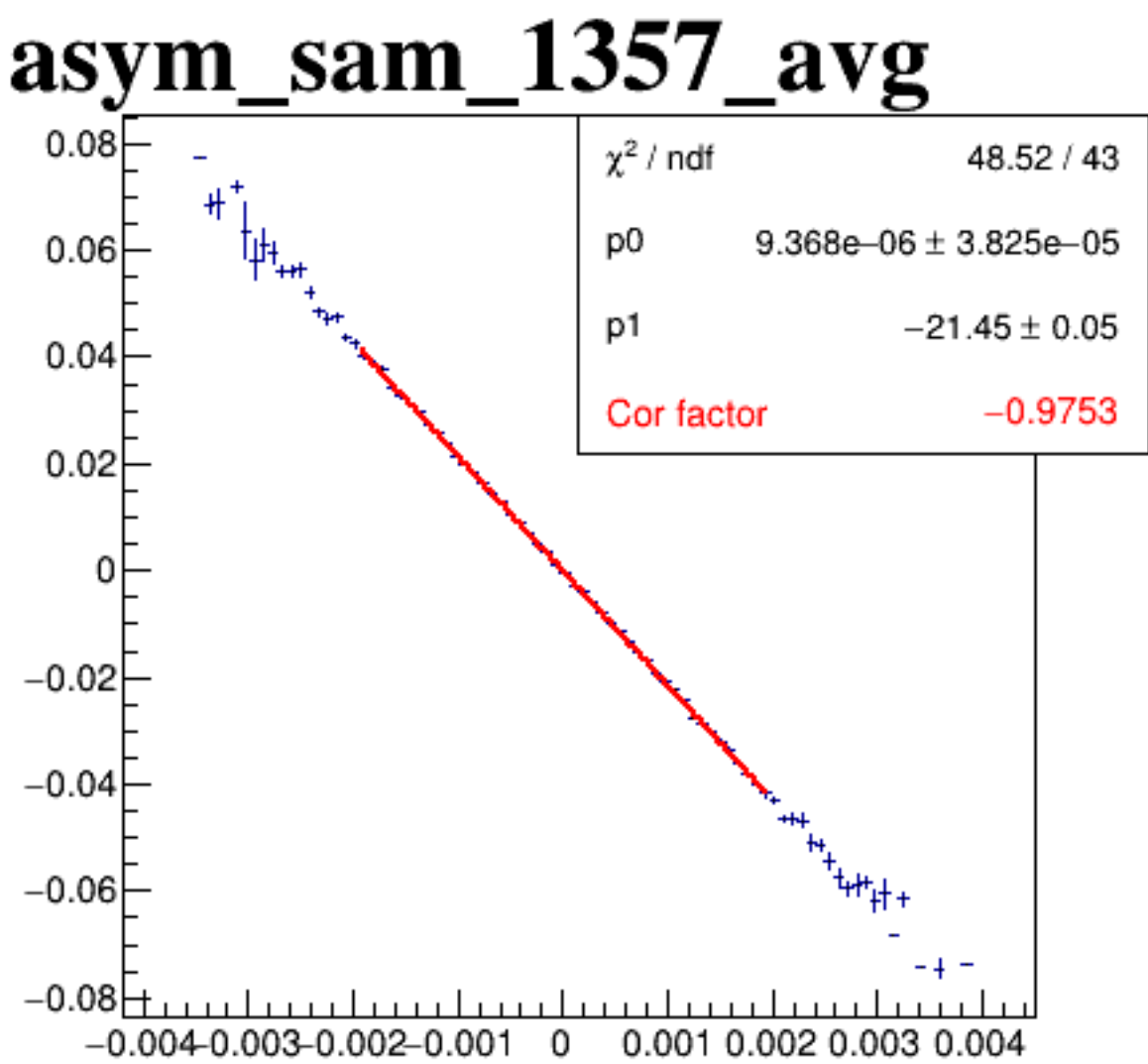
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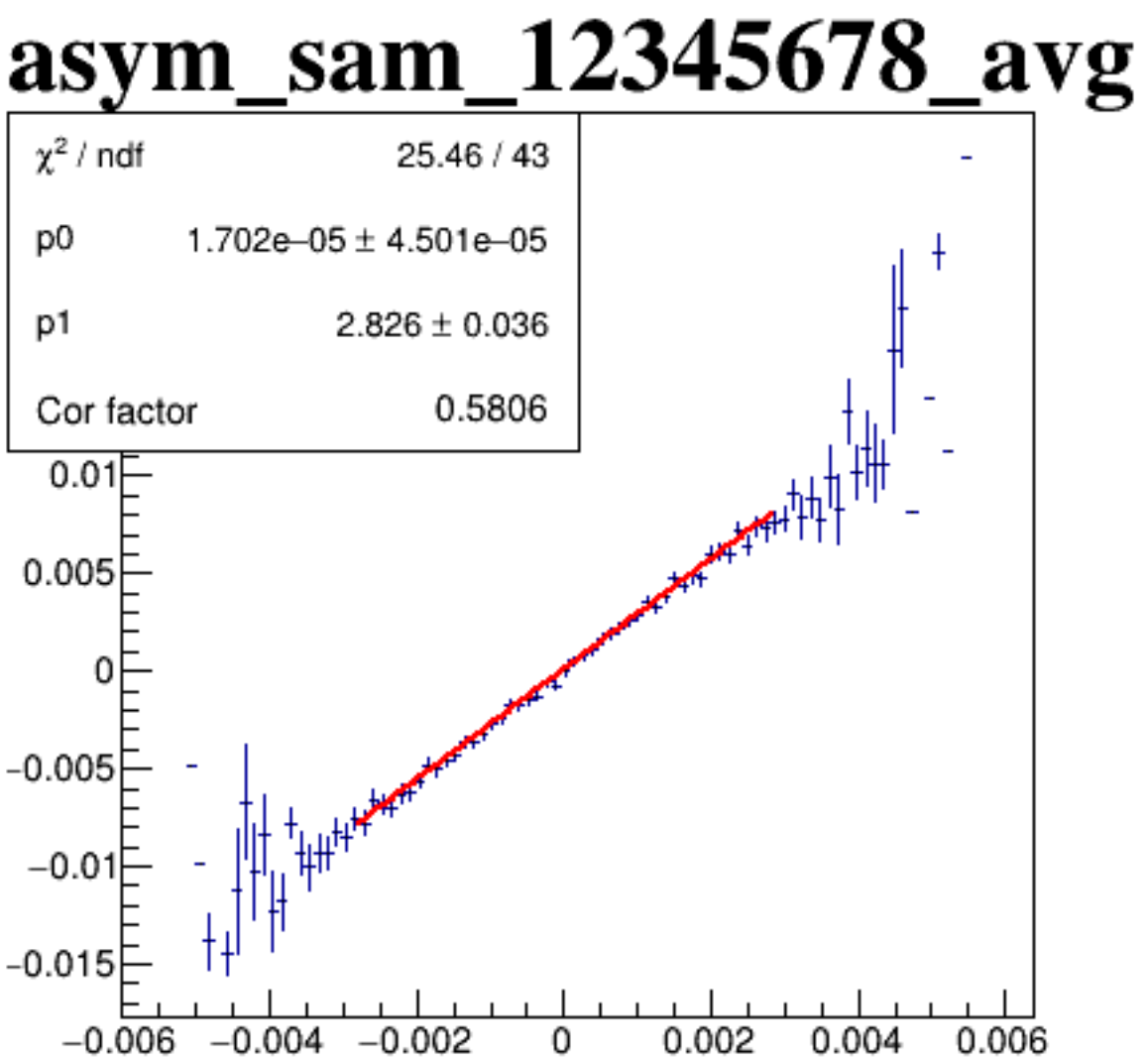
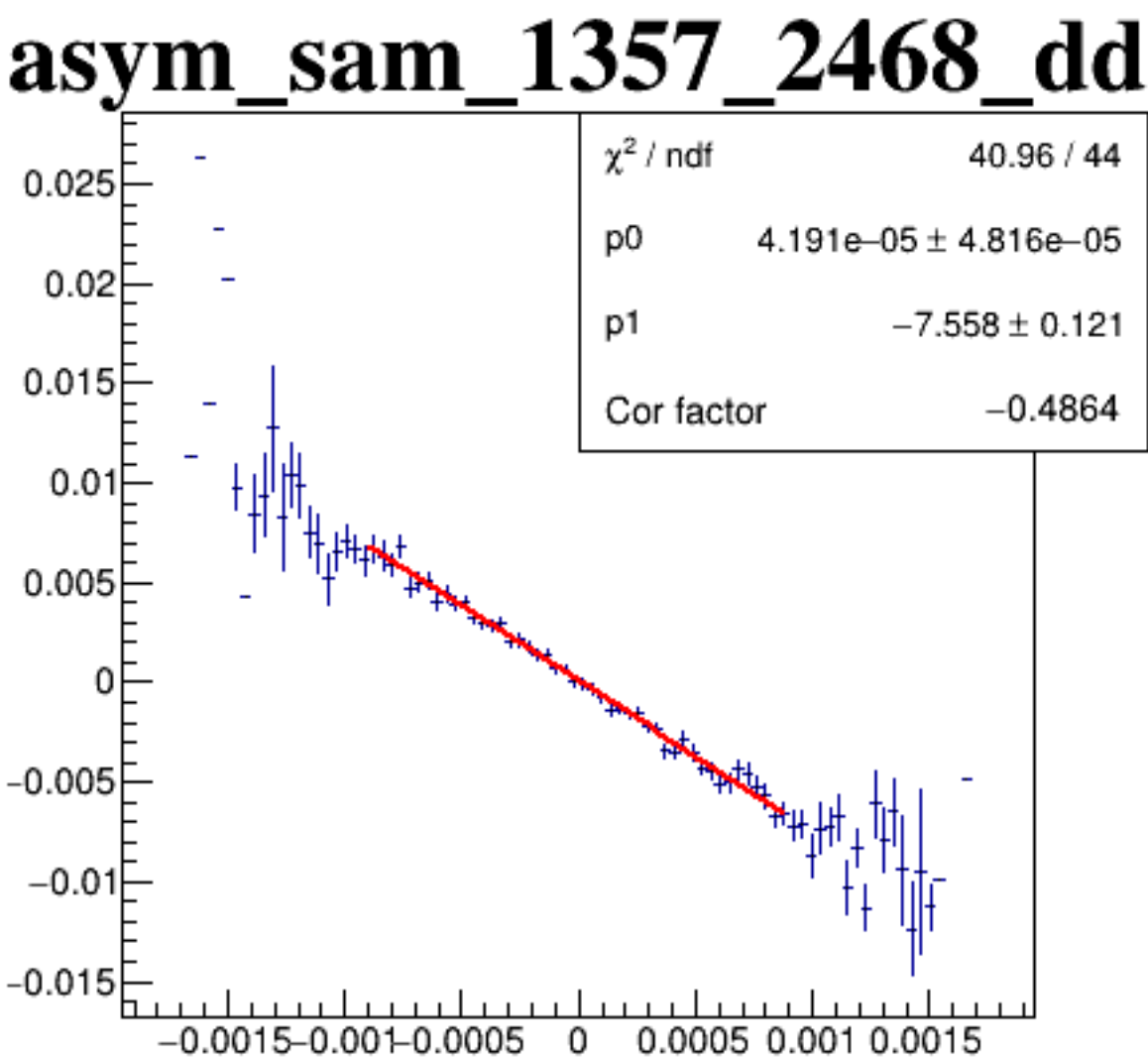
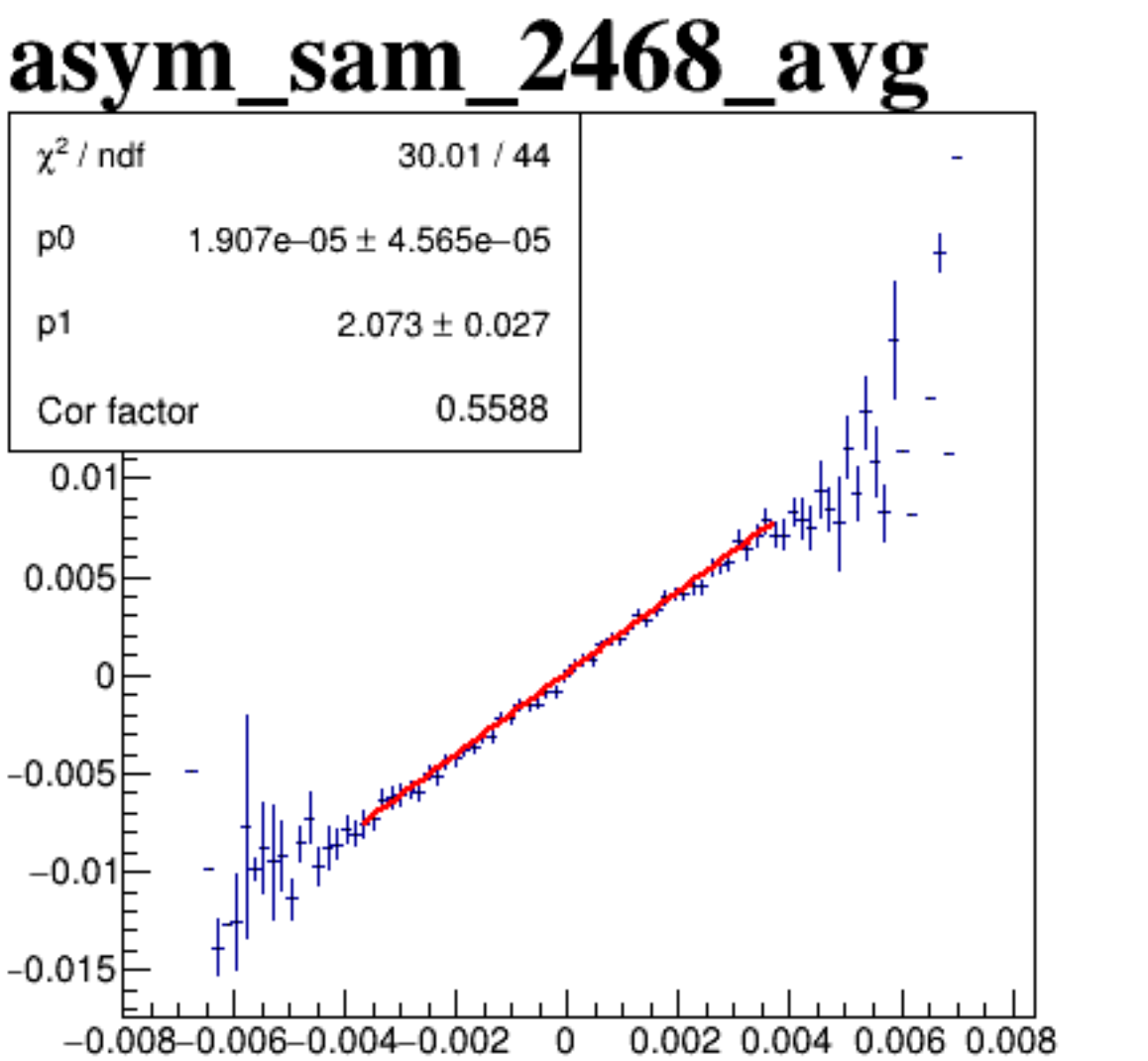
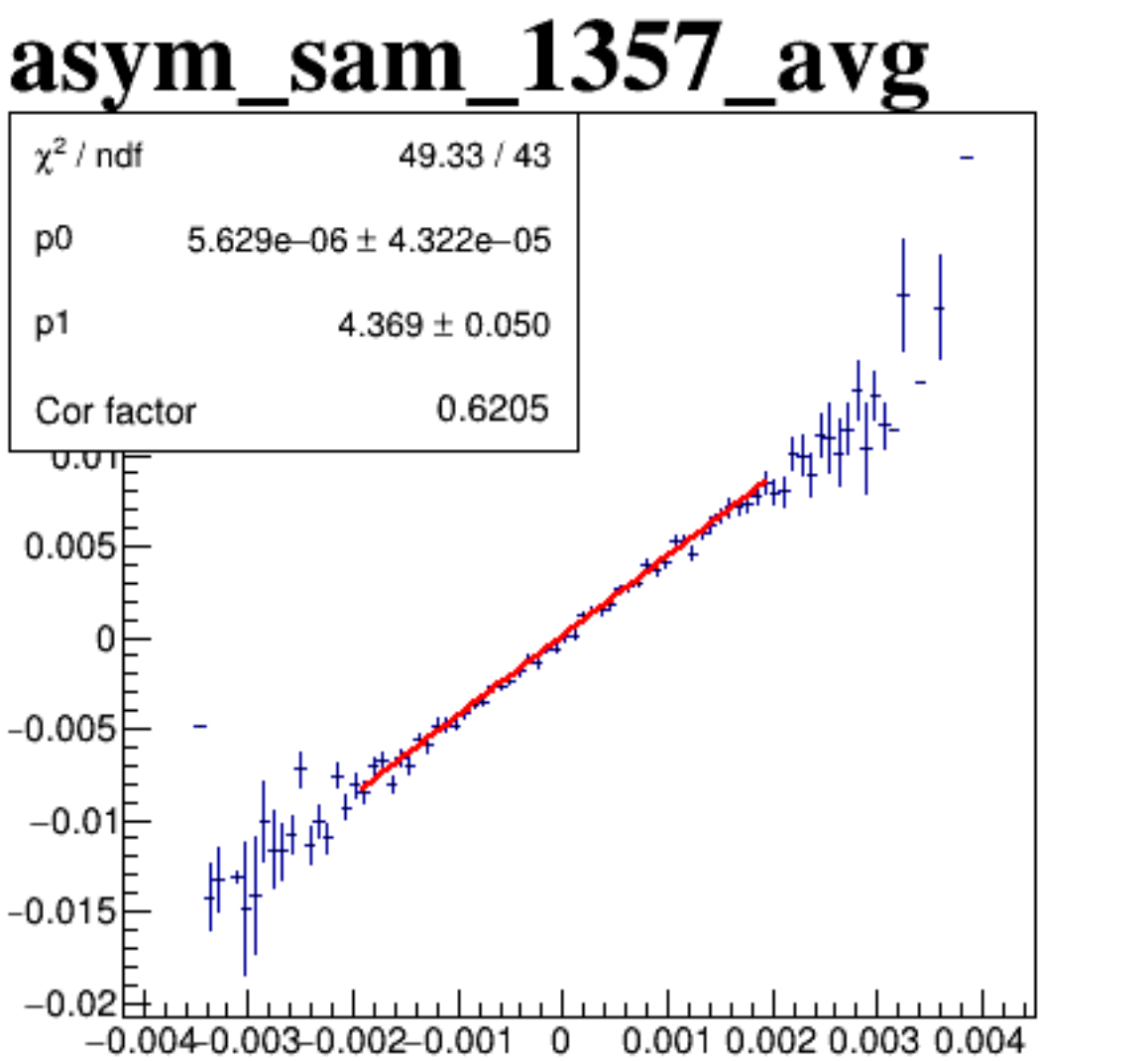
diff_bpm12X



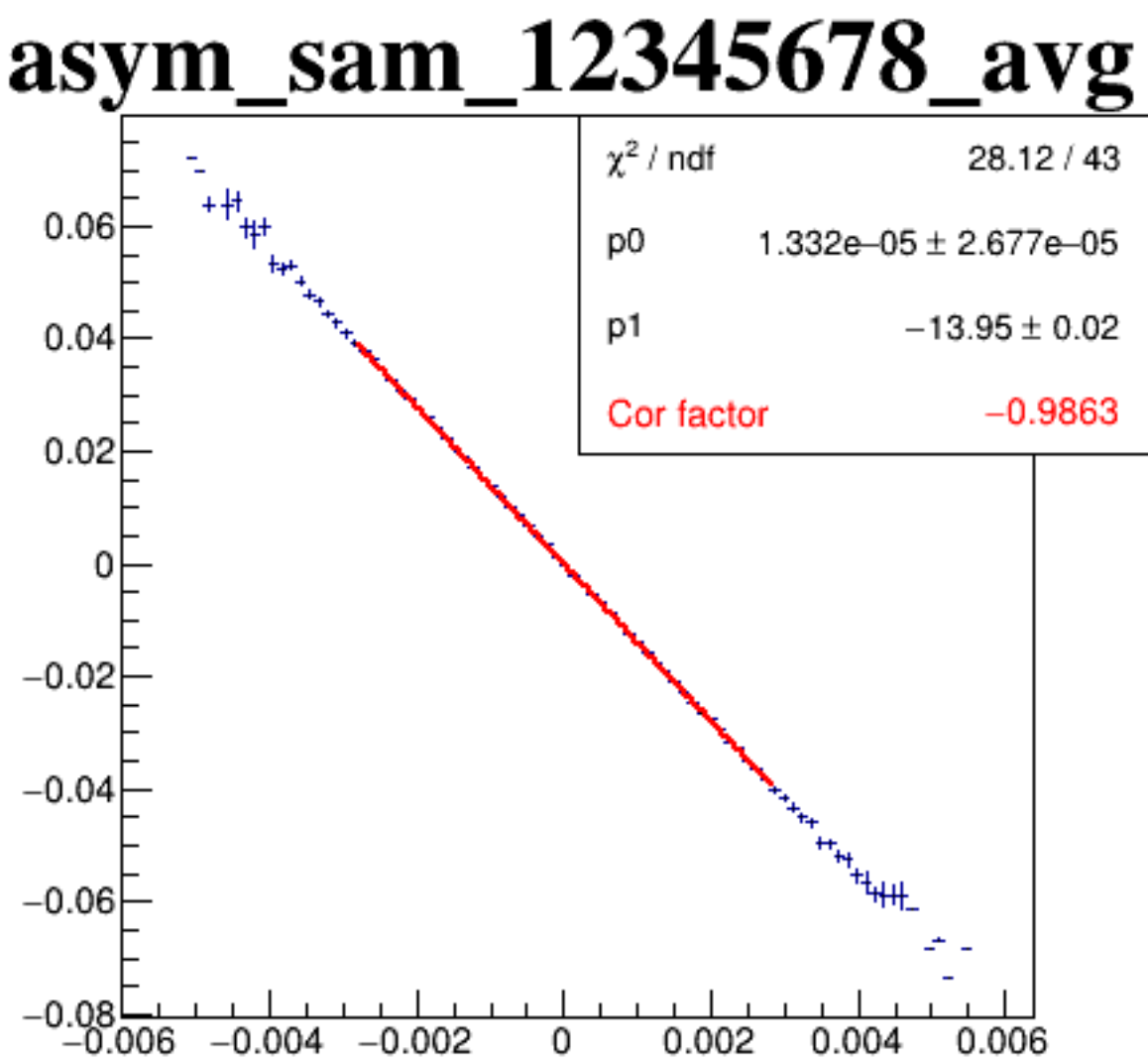
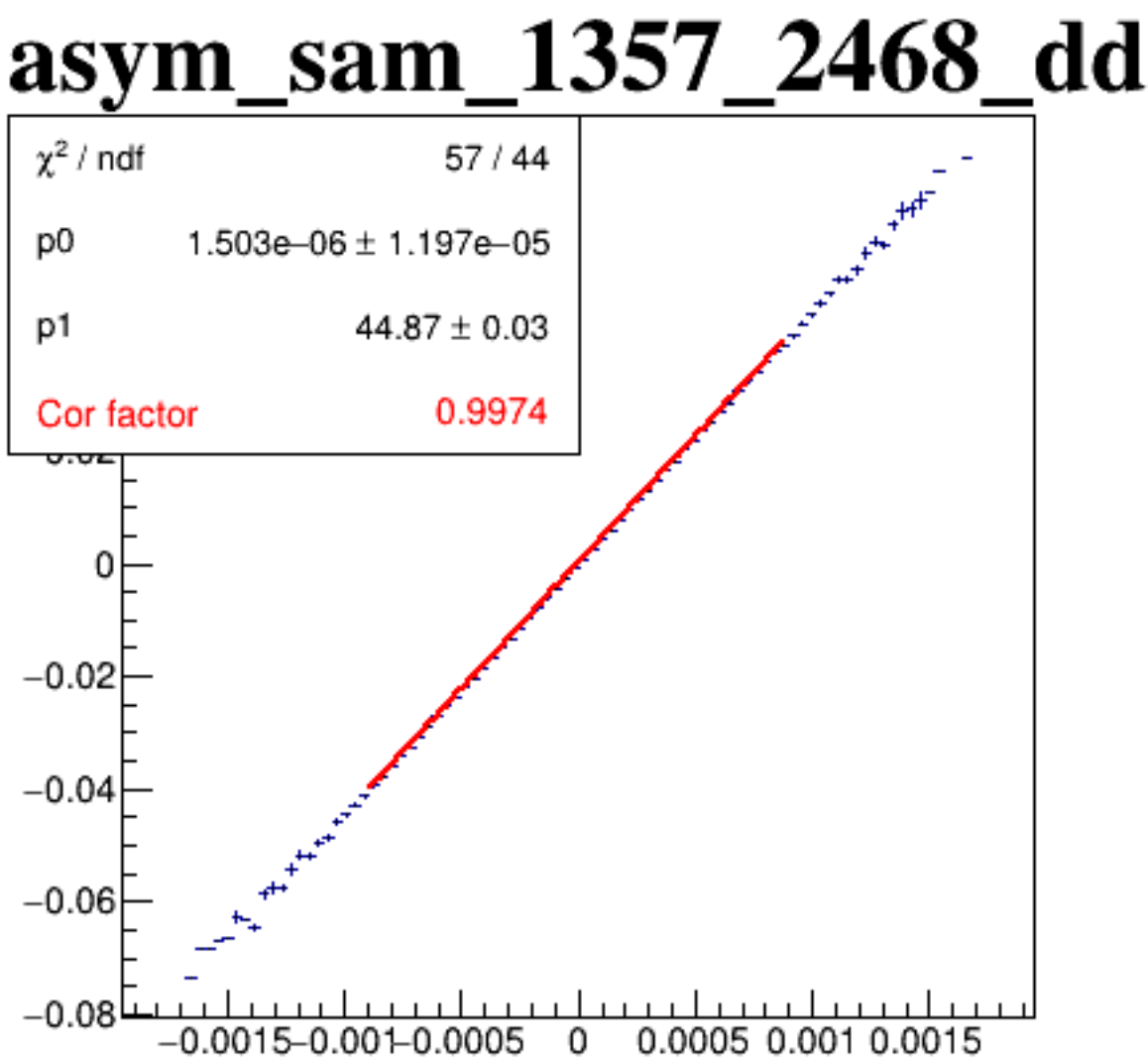
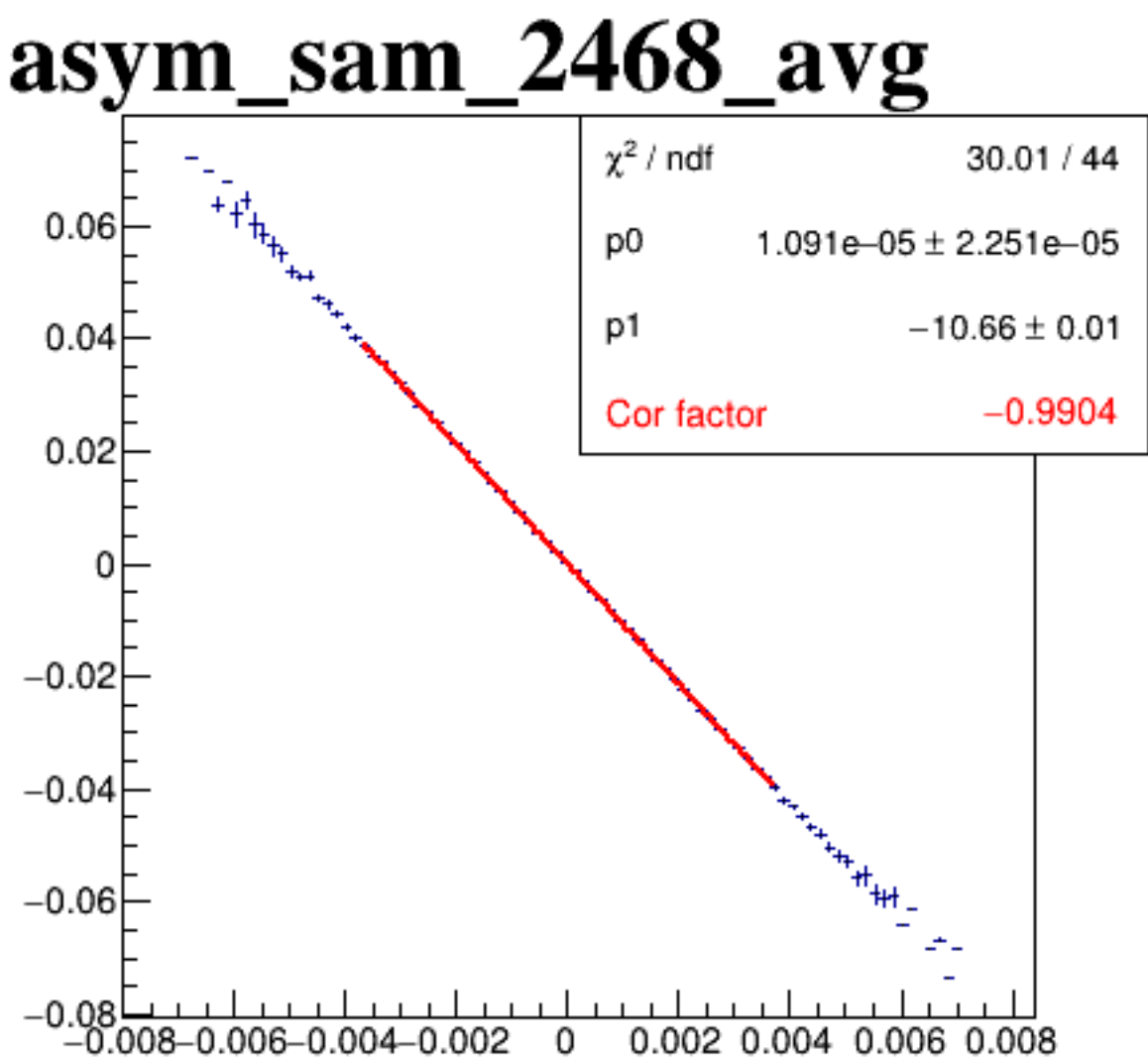
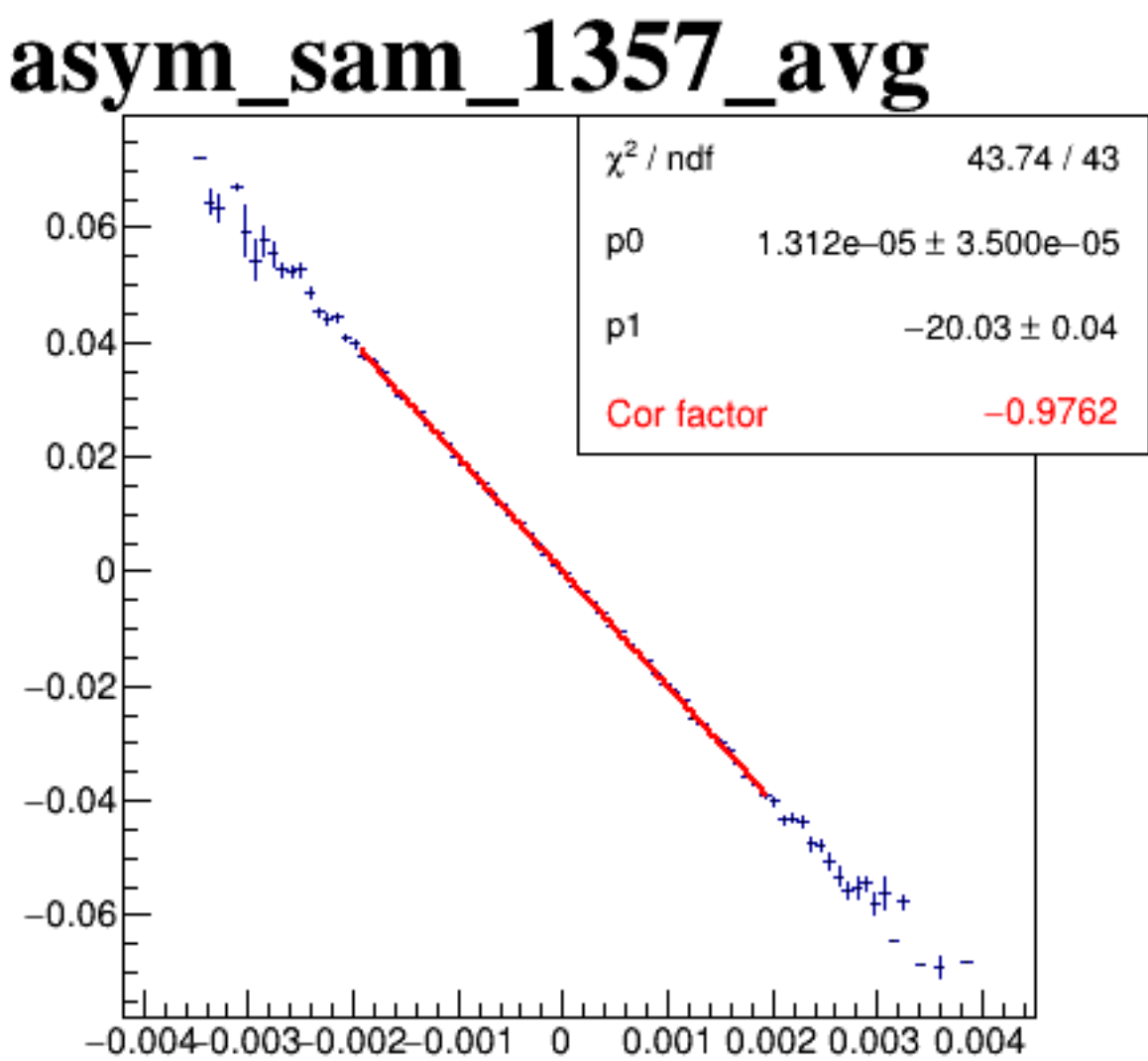
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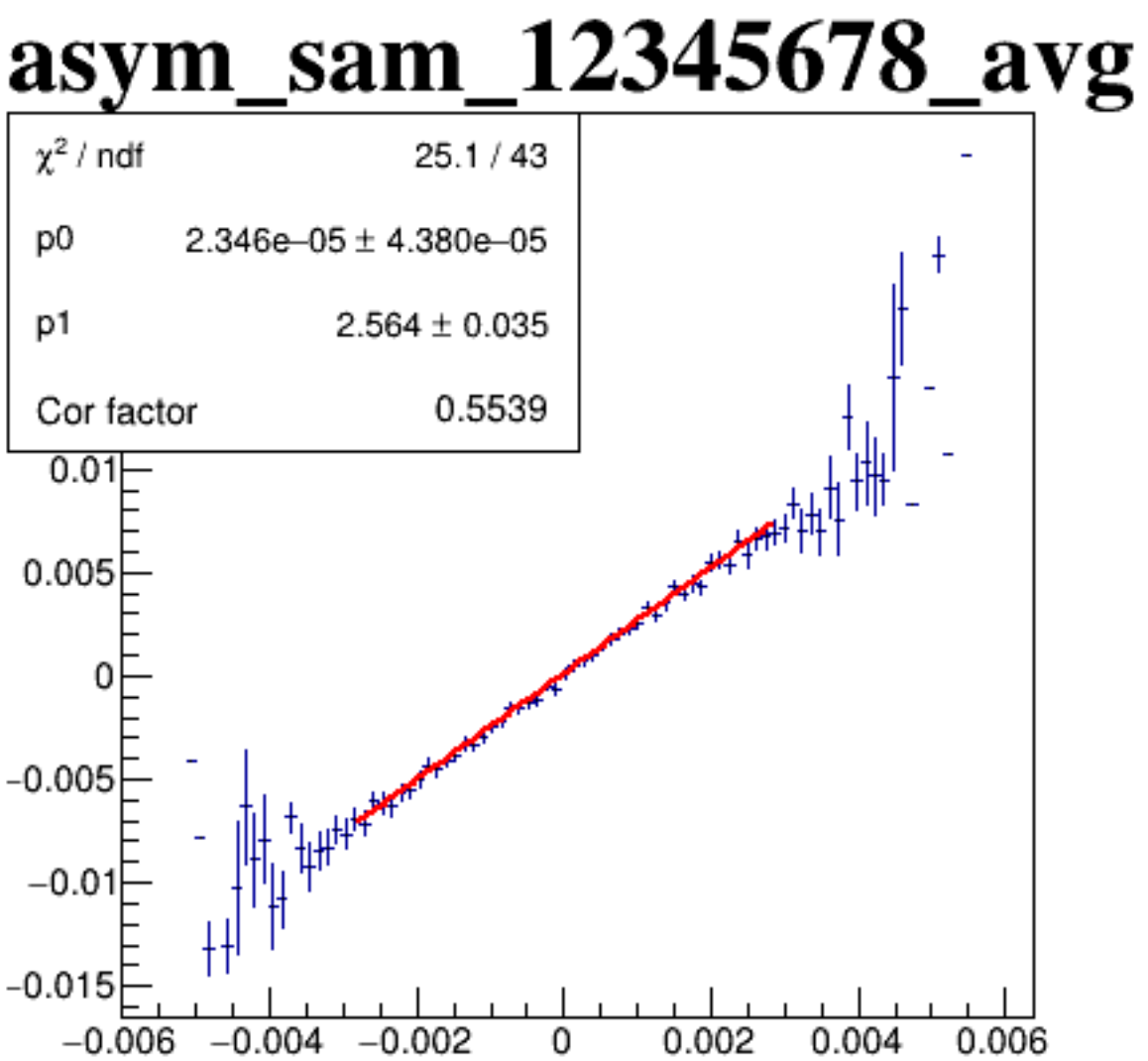
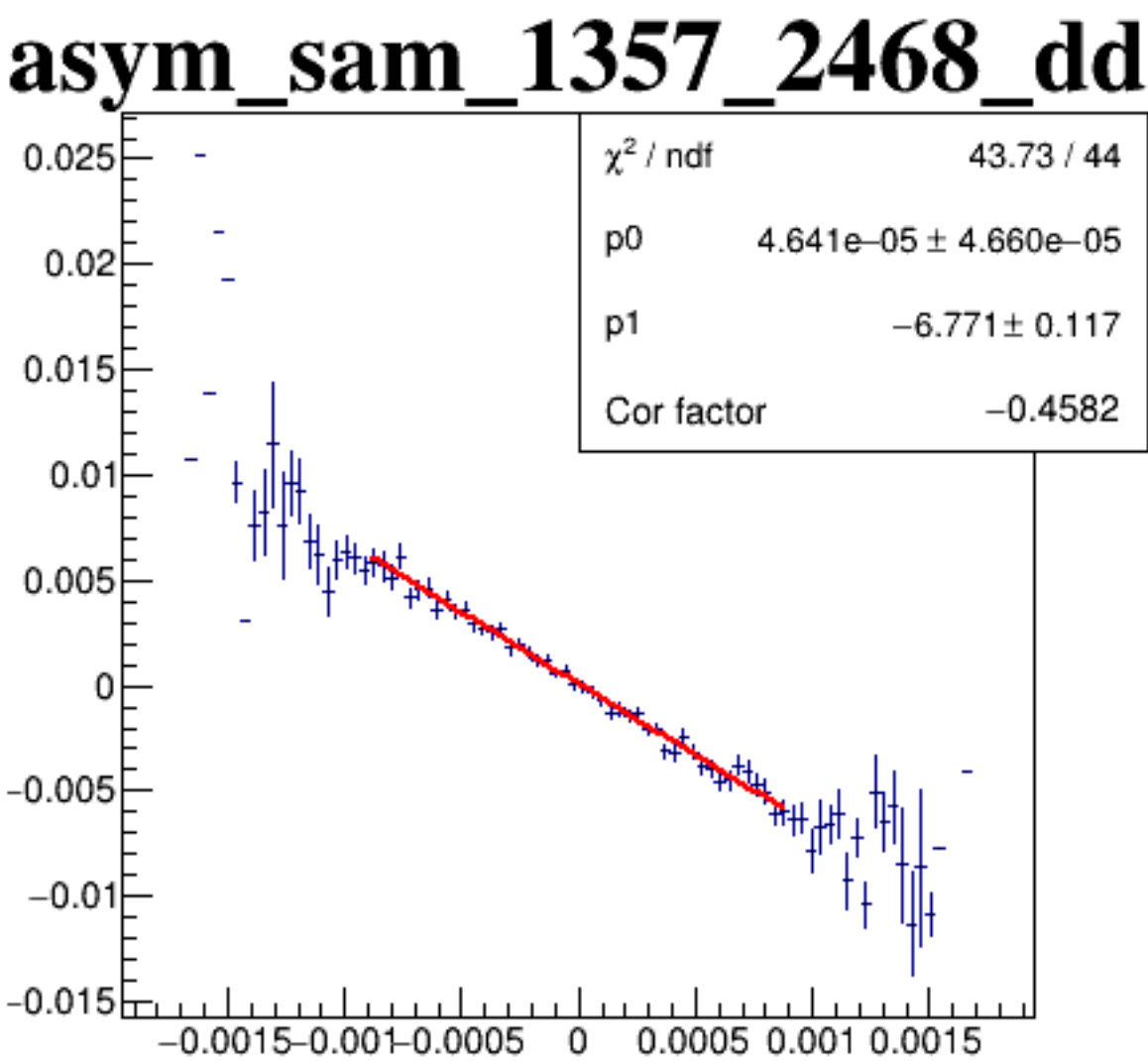
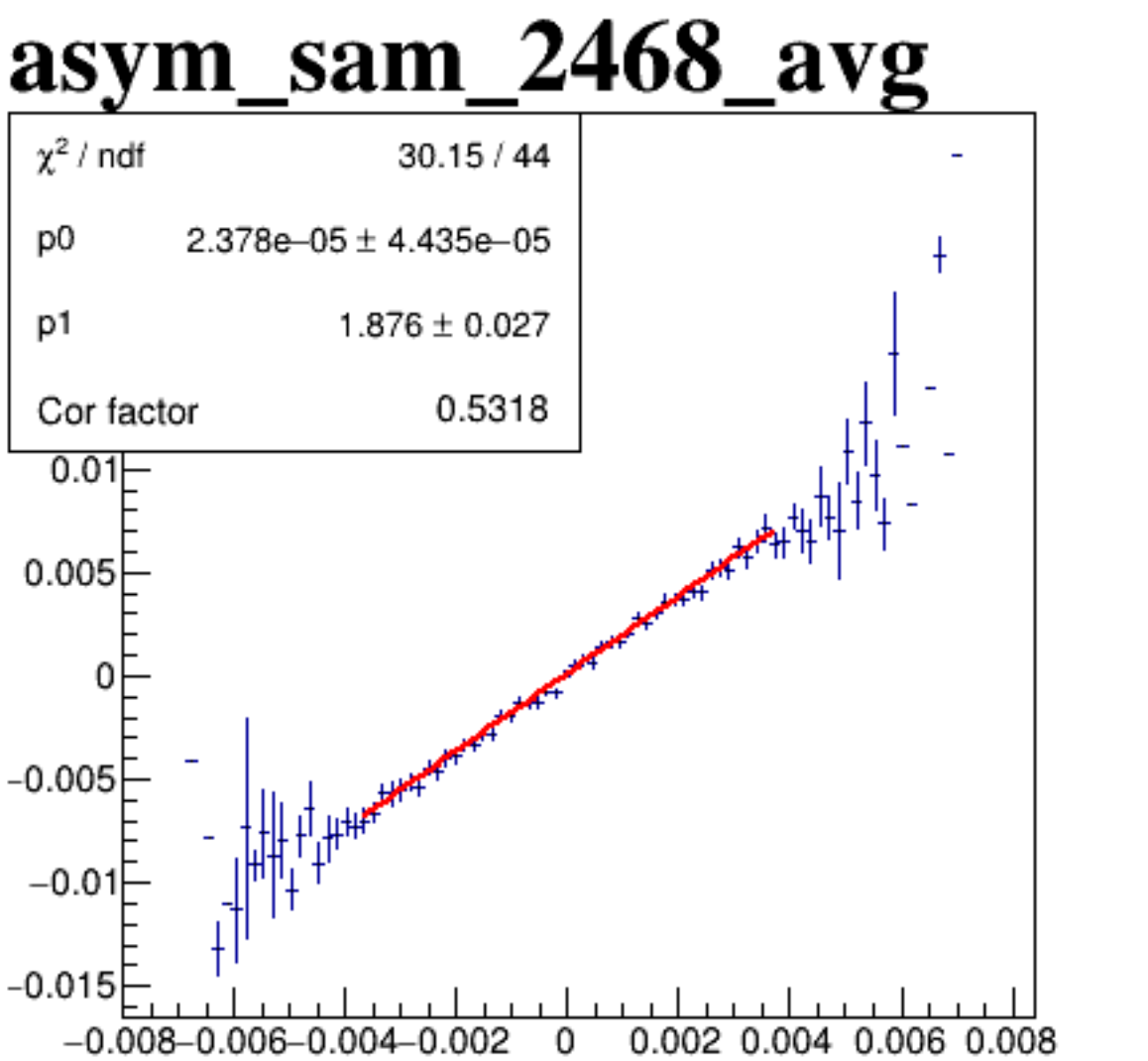
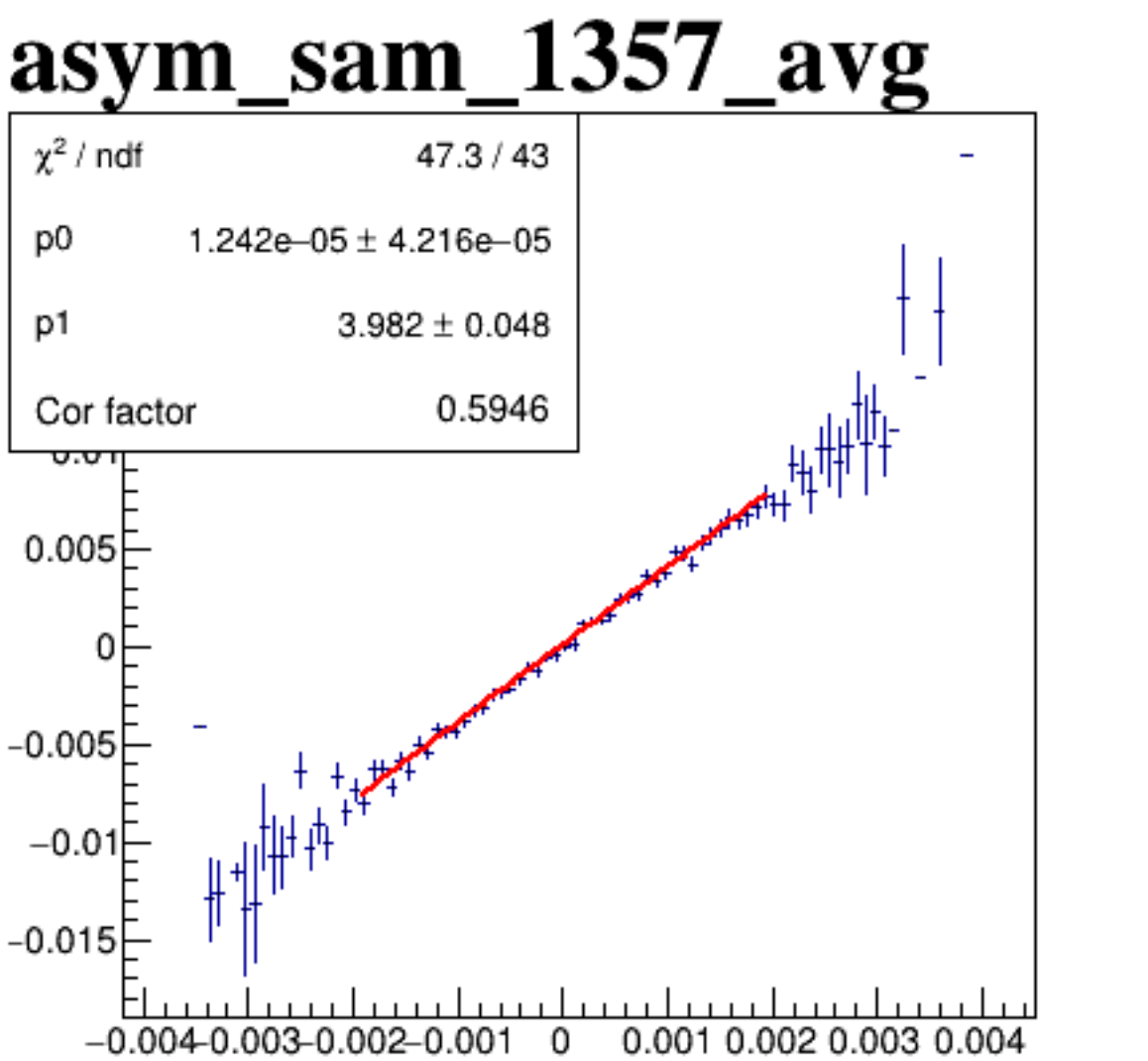
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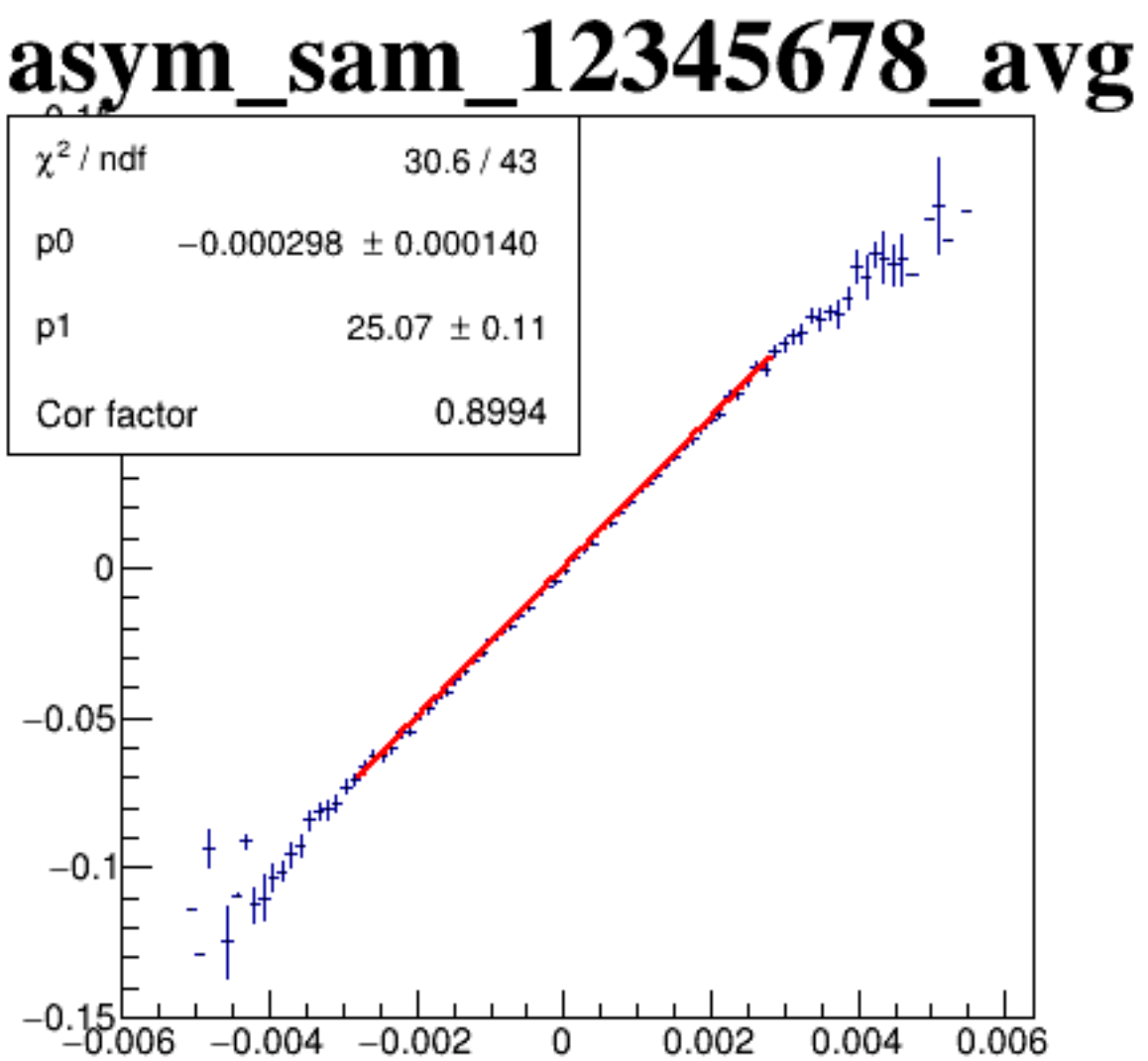
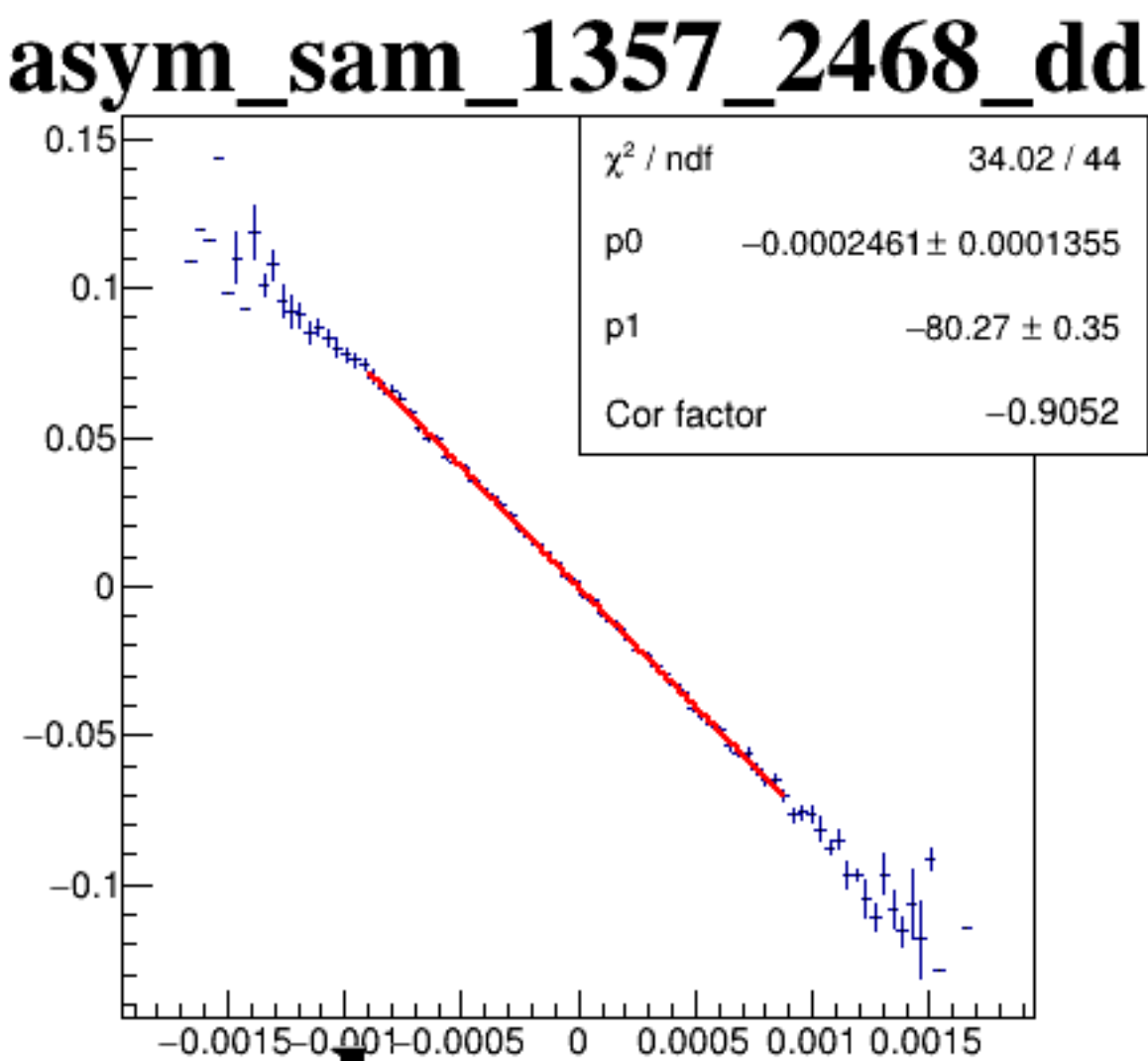
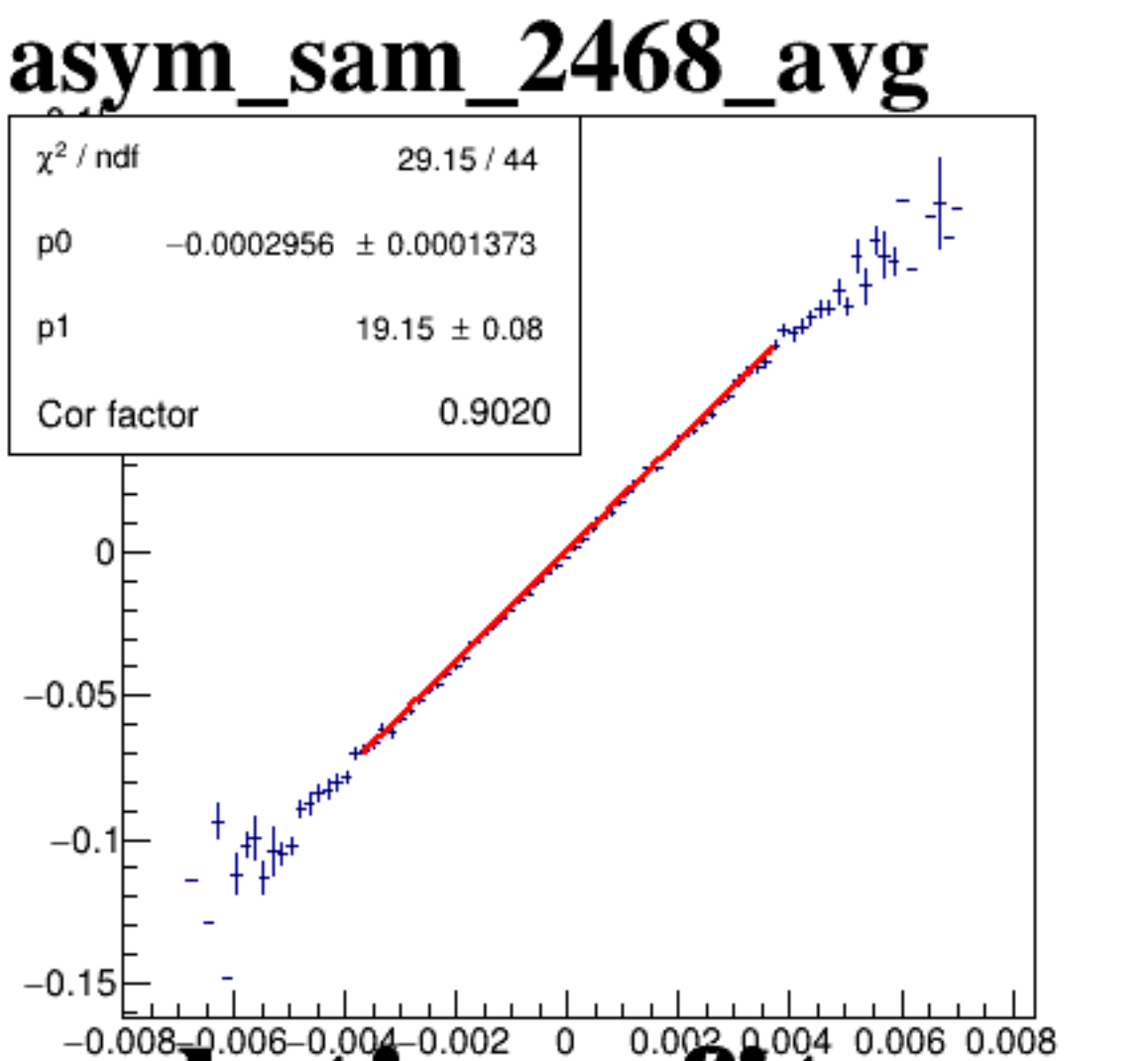
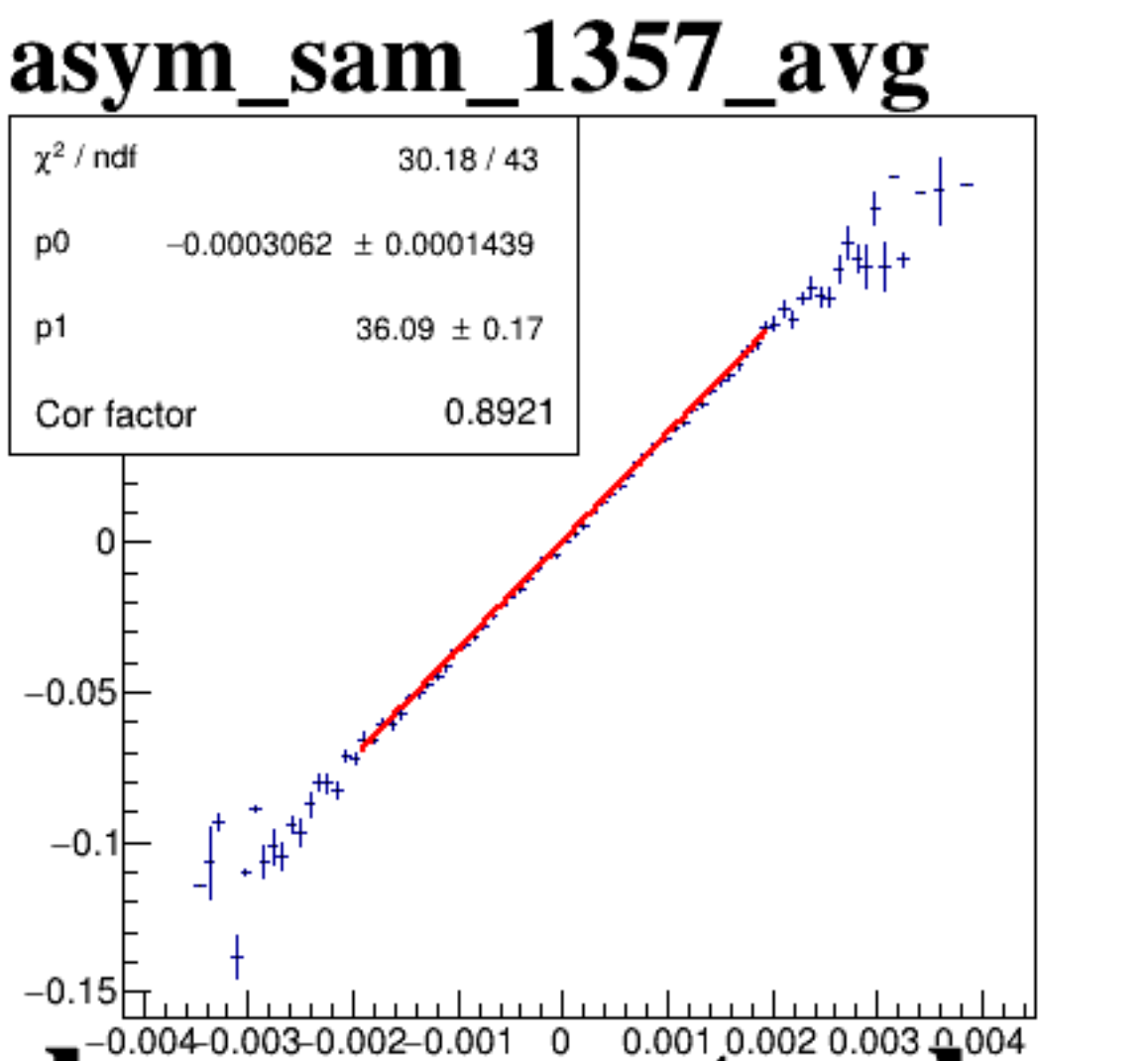
diff_bpm4eX



diff_bpm4eY



diff_bpm12X



asym_sam_12345678_avg

mulc.asym_sam_12345678_avg

The scatter plot, titled "asym_sam_1357_avg", displays a dense distribution of data points. The x-axis is labeled "mulc.asym_sam_1357_avg" and ranges from -0.004 to 0.004. The y-axis, which is not explicitly labeled, ranges from -0.02 to 0.03. The data points are most concentrated in the central region, showing a positive correlation between the two variables.

The scatter plot, titled "asym_sam_2468_avg", displays the relationship between two variables. The x-axis is labeled "mulc.asym_sam_2468_avg" and ranges from -0.008 to 0.008. The y-axis is labeled "asym_sam_2468_avg" and ranges from -0.02 to 0.03. The data points are densely packed in the center, forming an elliptical shape that indicates a positive correlation between the two variables.

A scatter plot showing the relationship between `mulc.asym_sam_12345678_avg` (x-axis) and `asym_sam_12345678_avg` (y-axis). The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.03 to 0.03. The data points are densely clustered around the origin (0,0), forming a roughly circular cloud of points, indicating a weak or no linear correlation between the two variables.