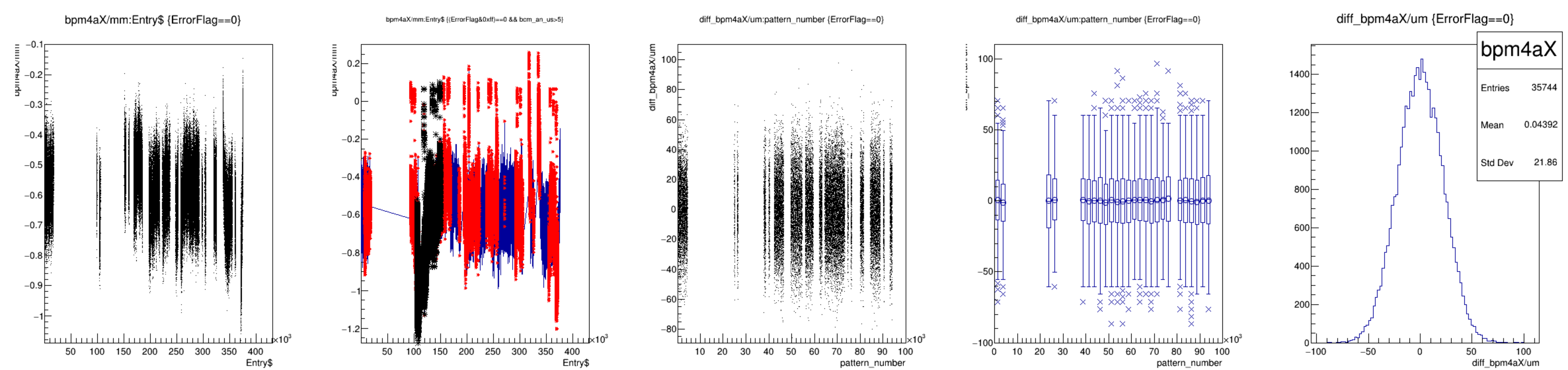
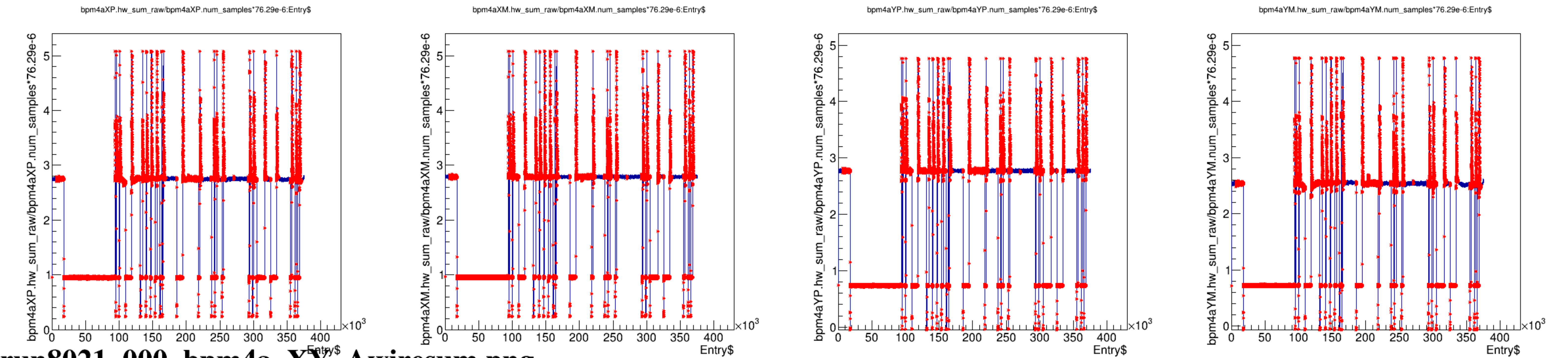
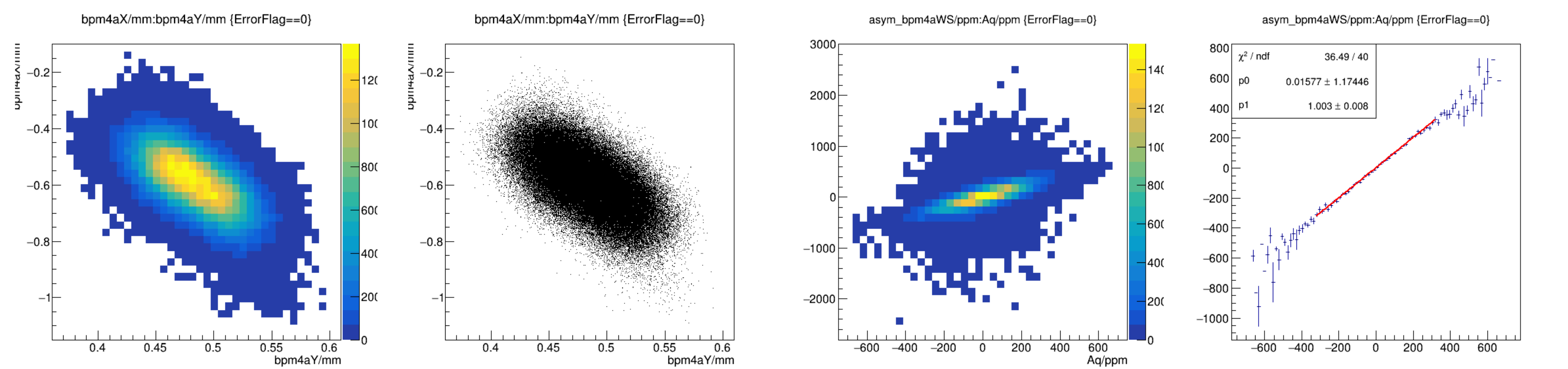
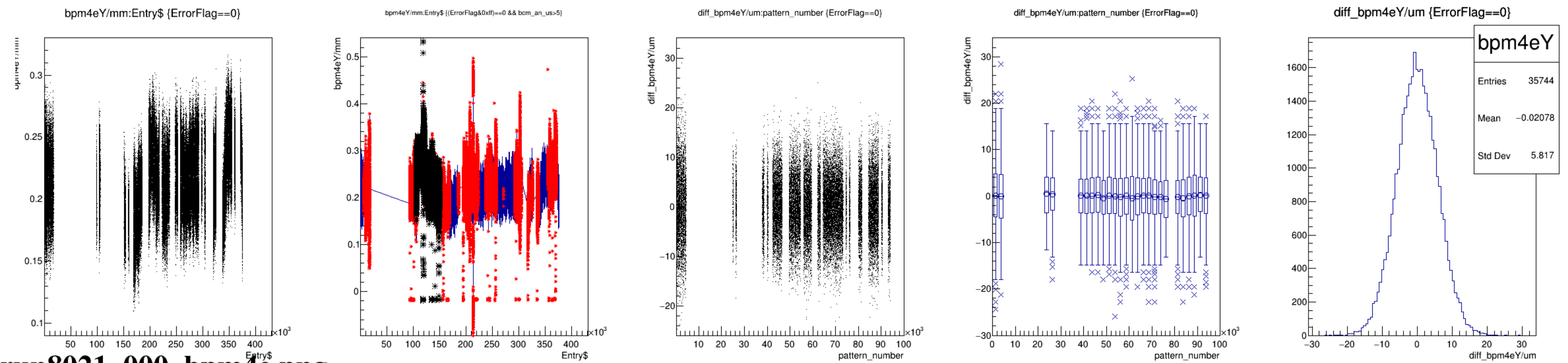
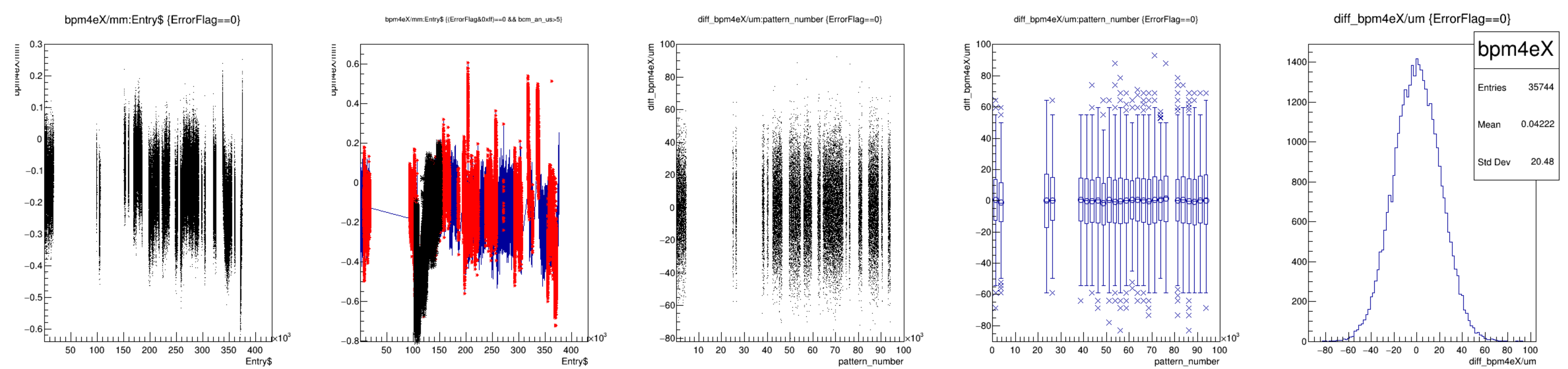
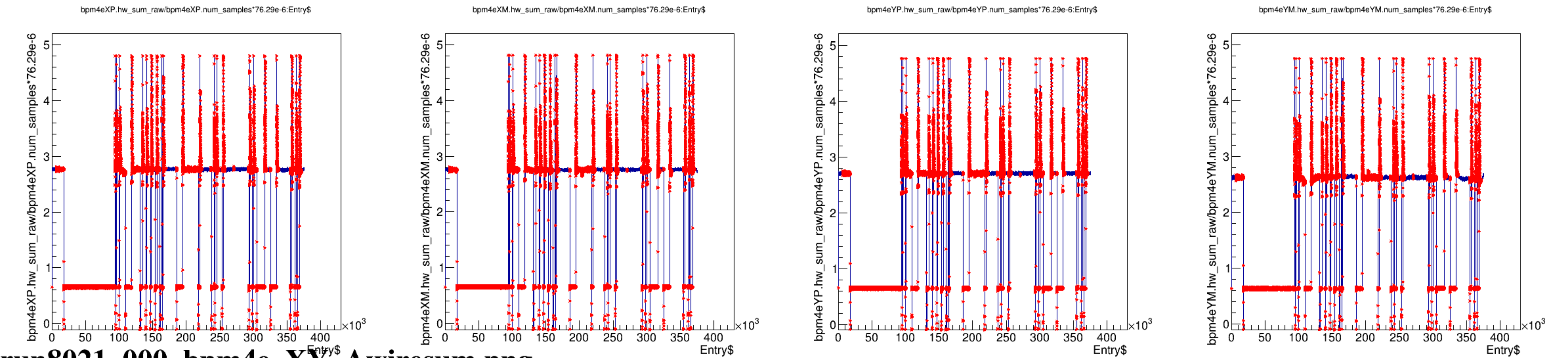
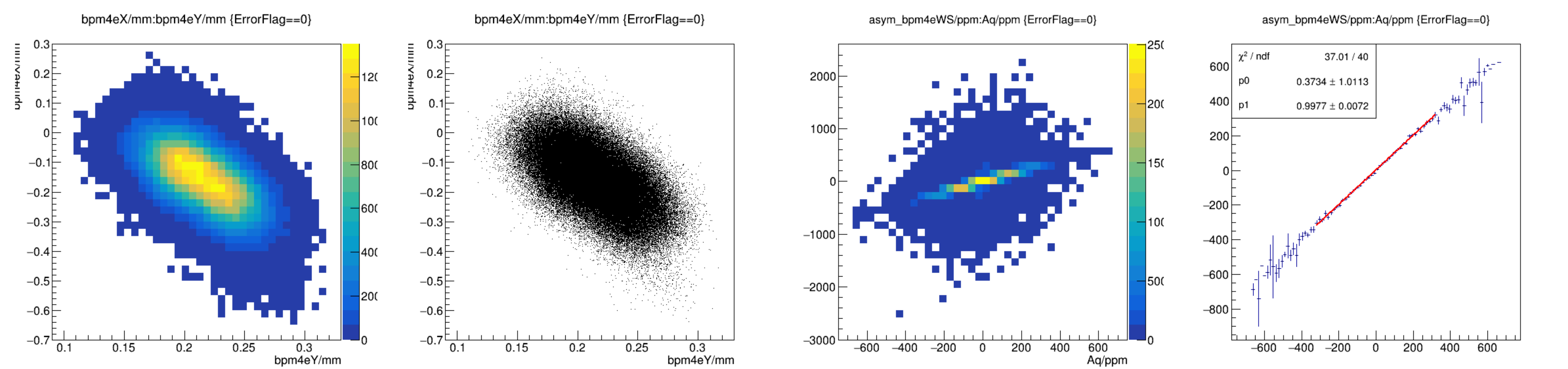


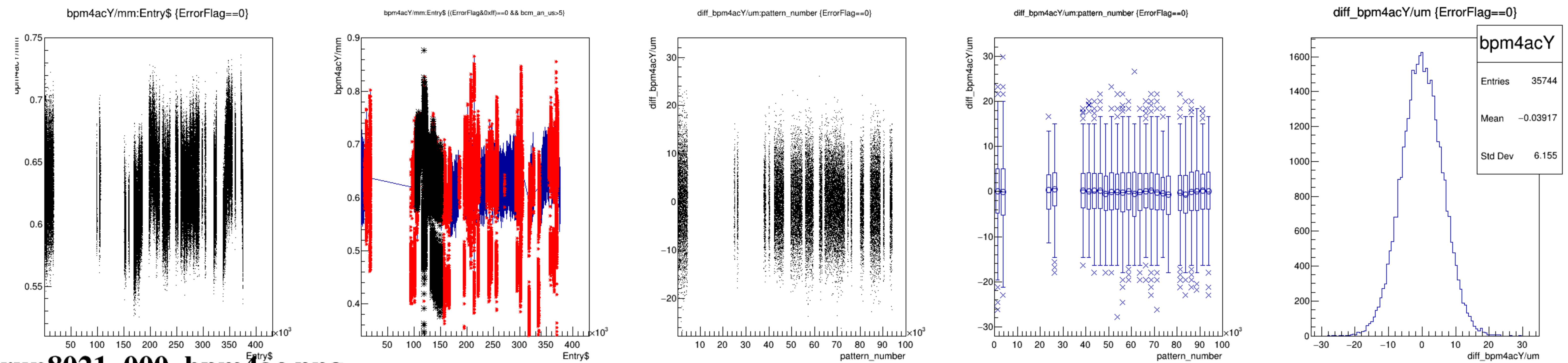
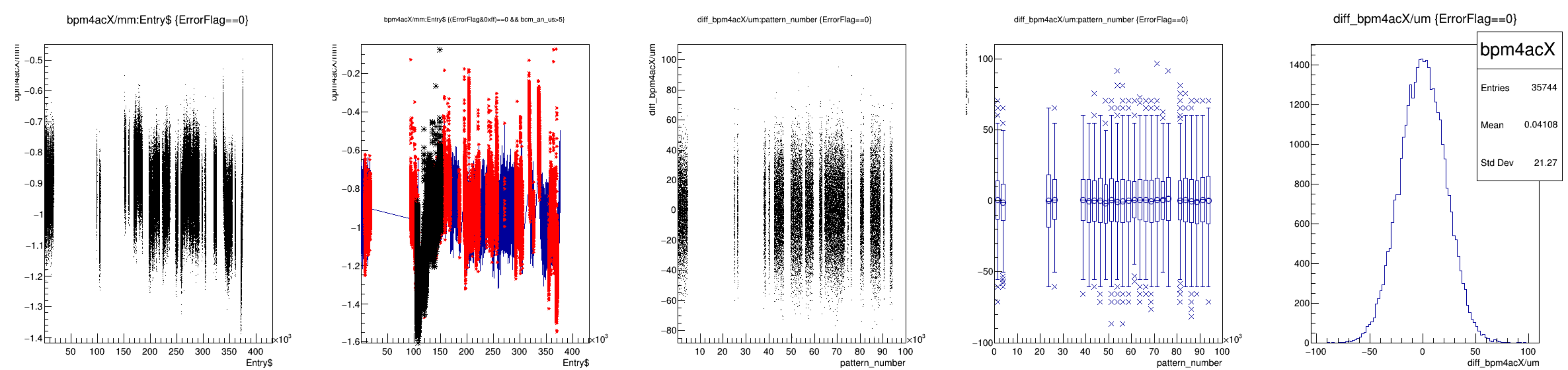


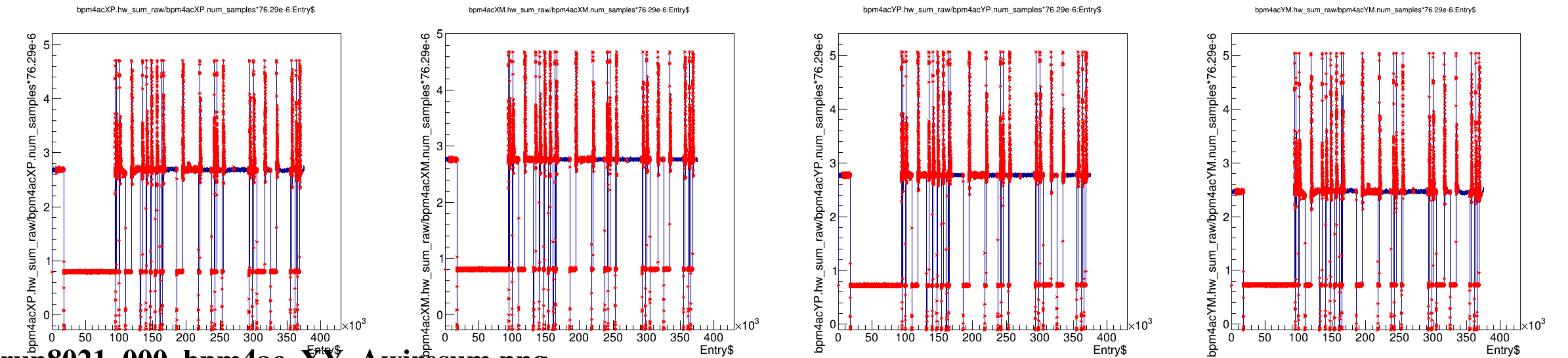
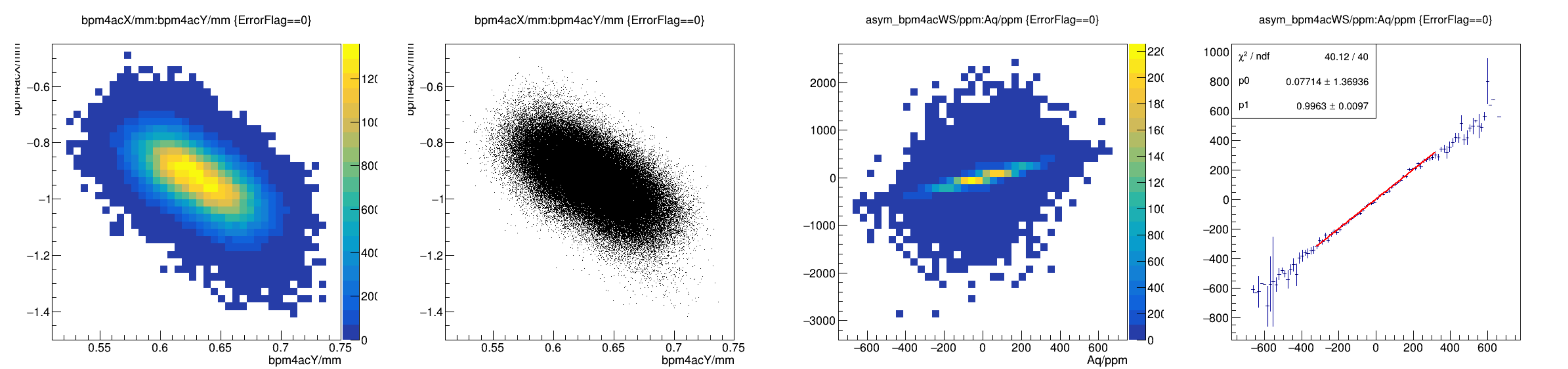


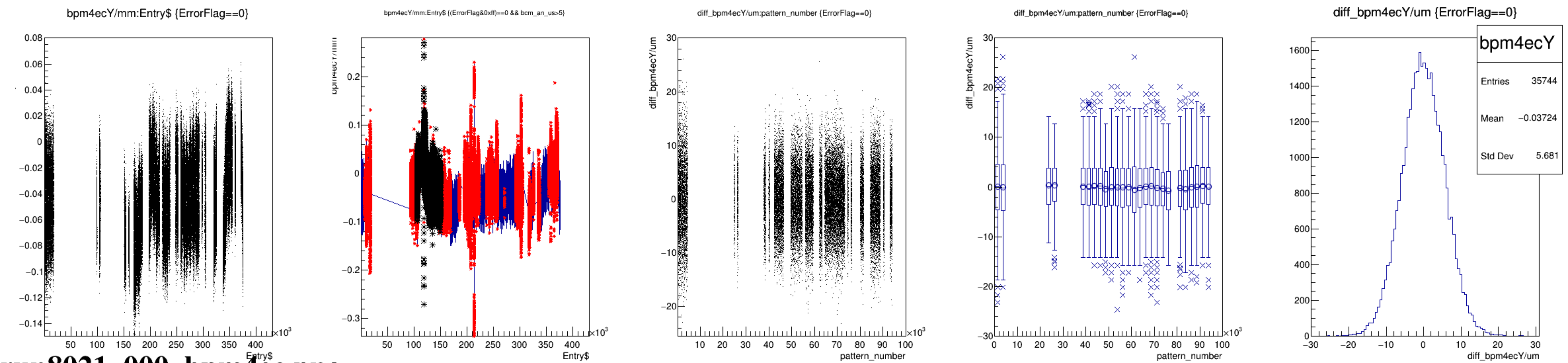
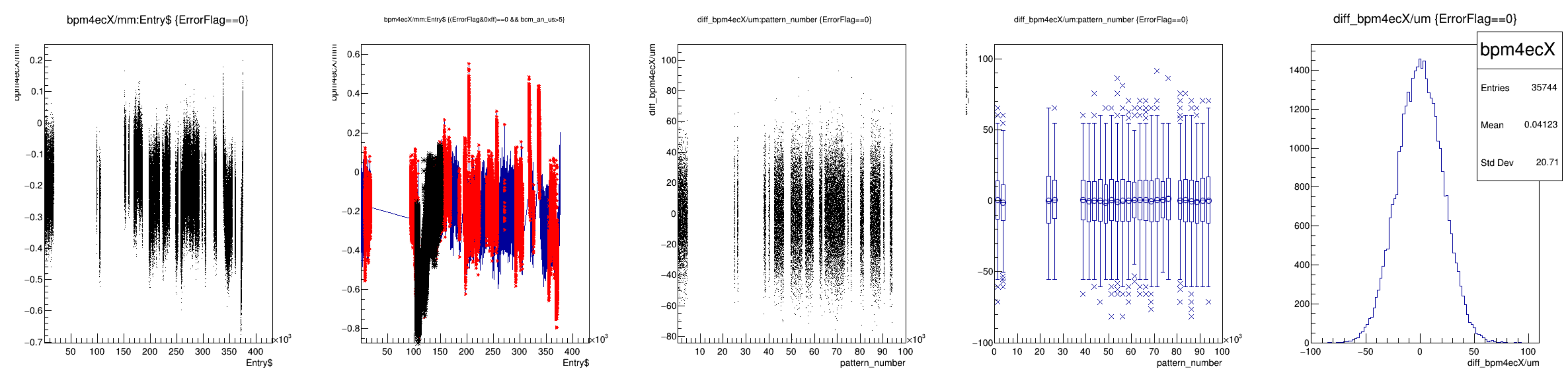


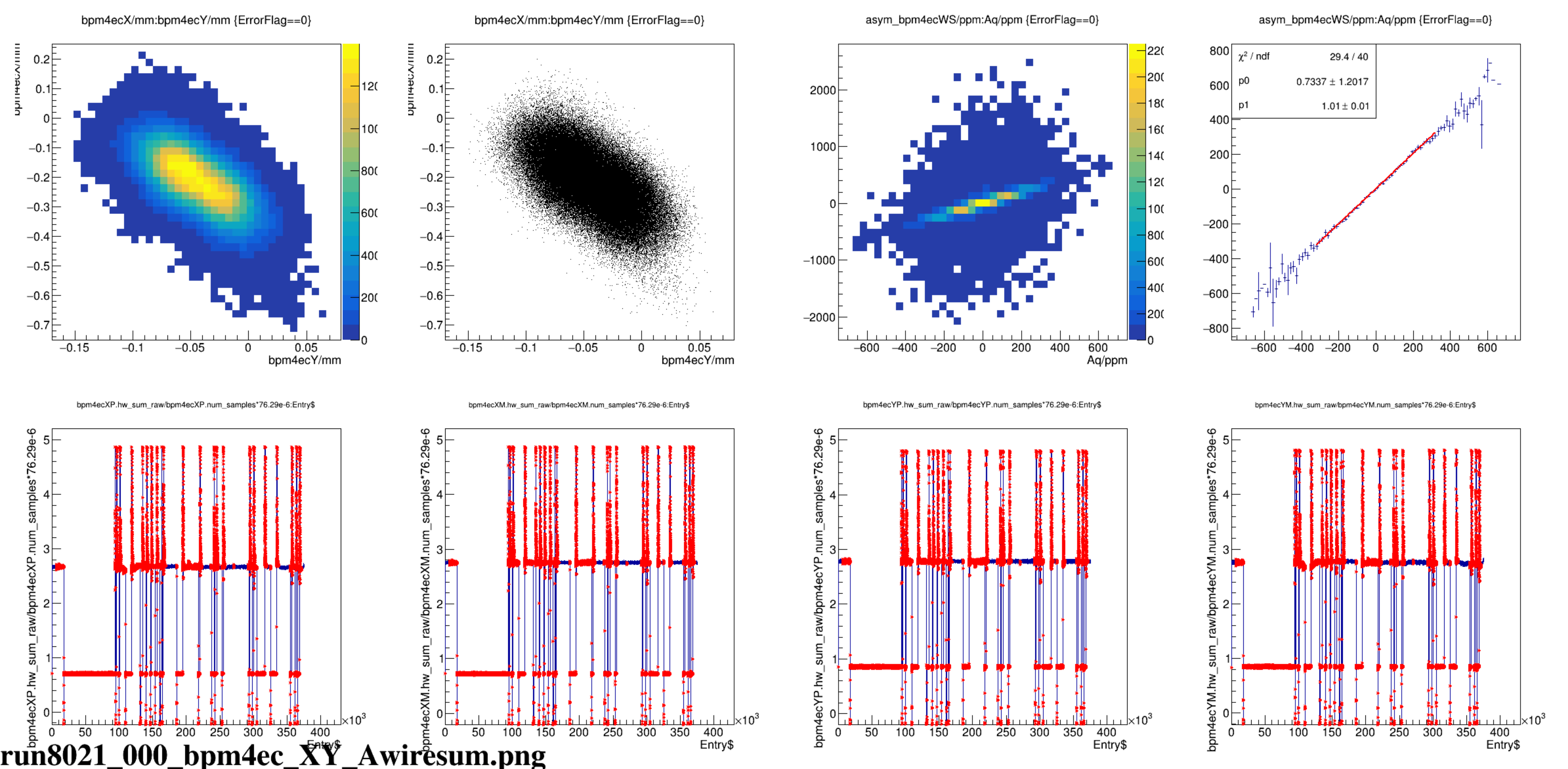


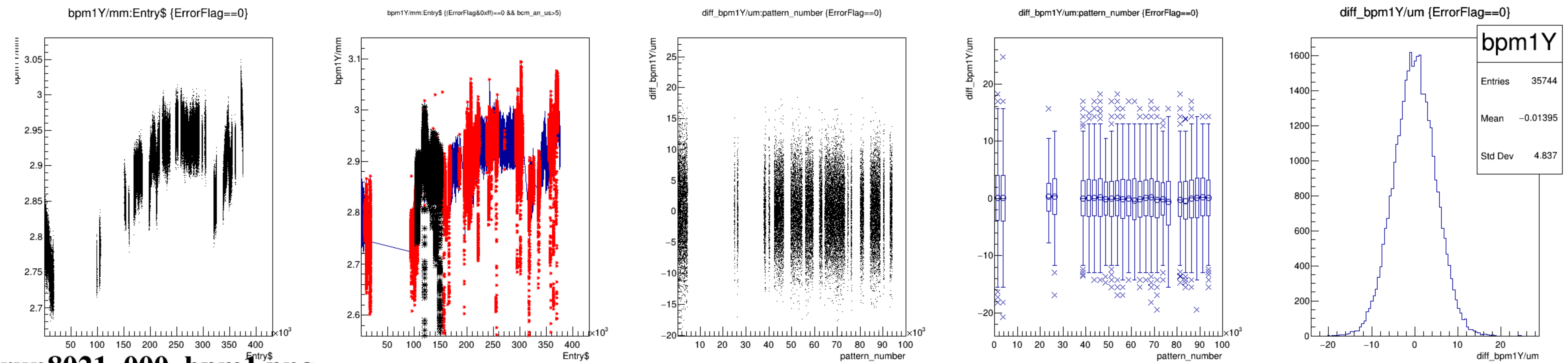
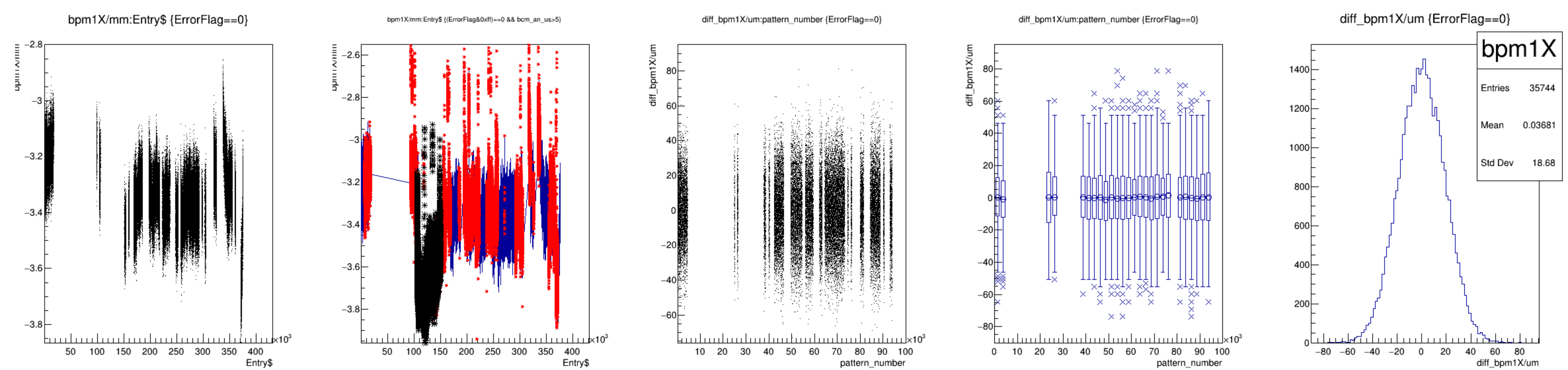
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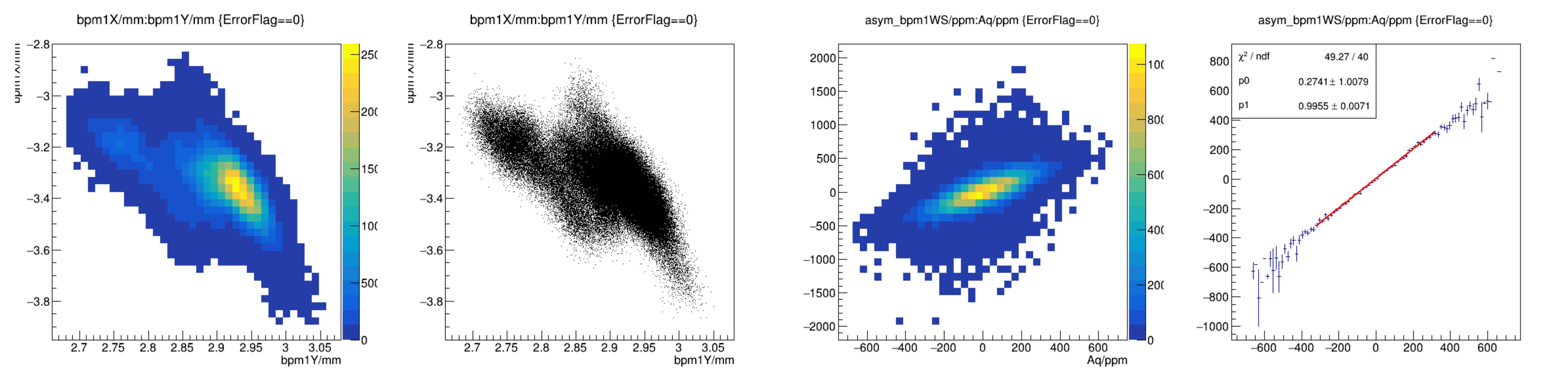


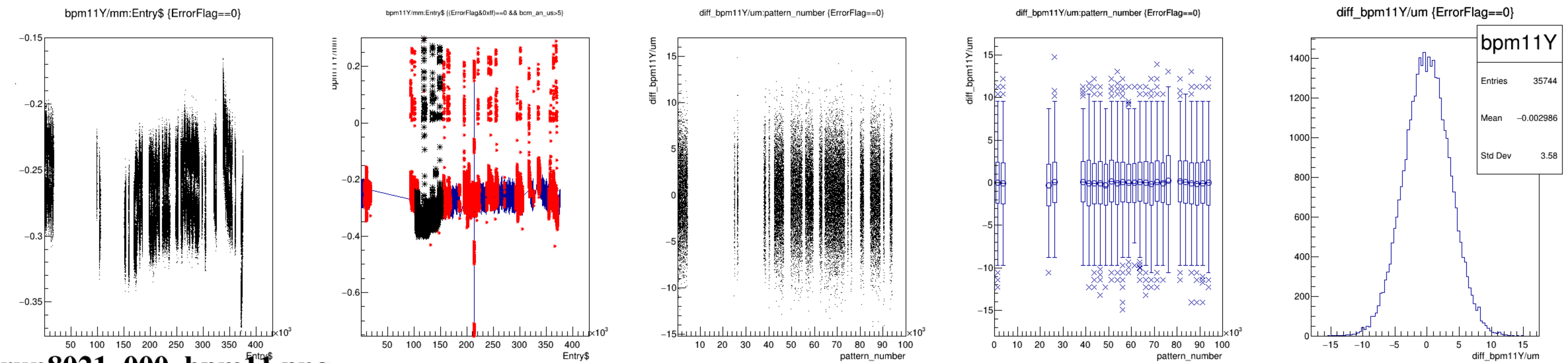
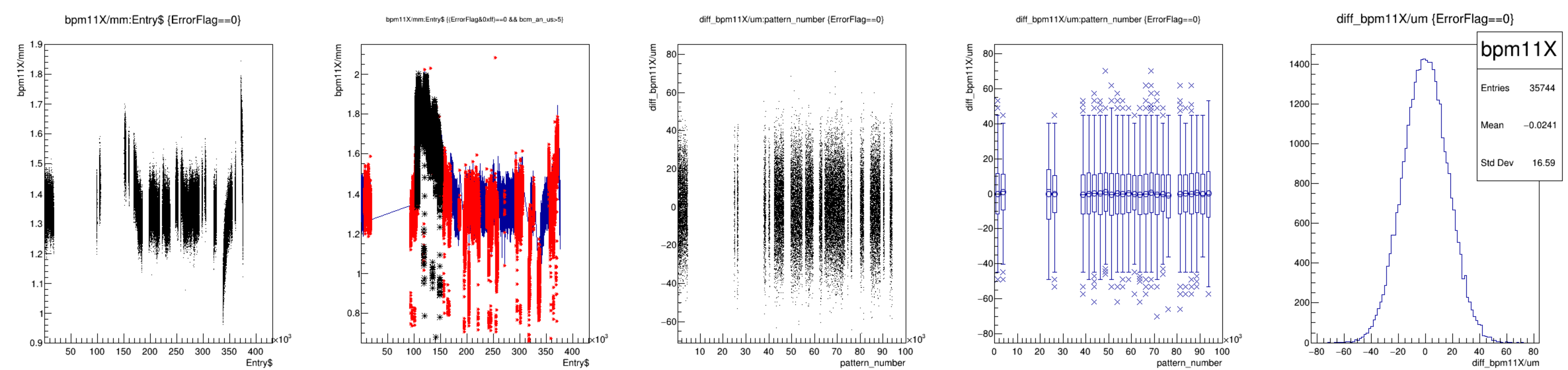


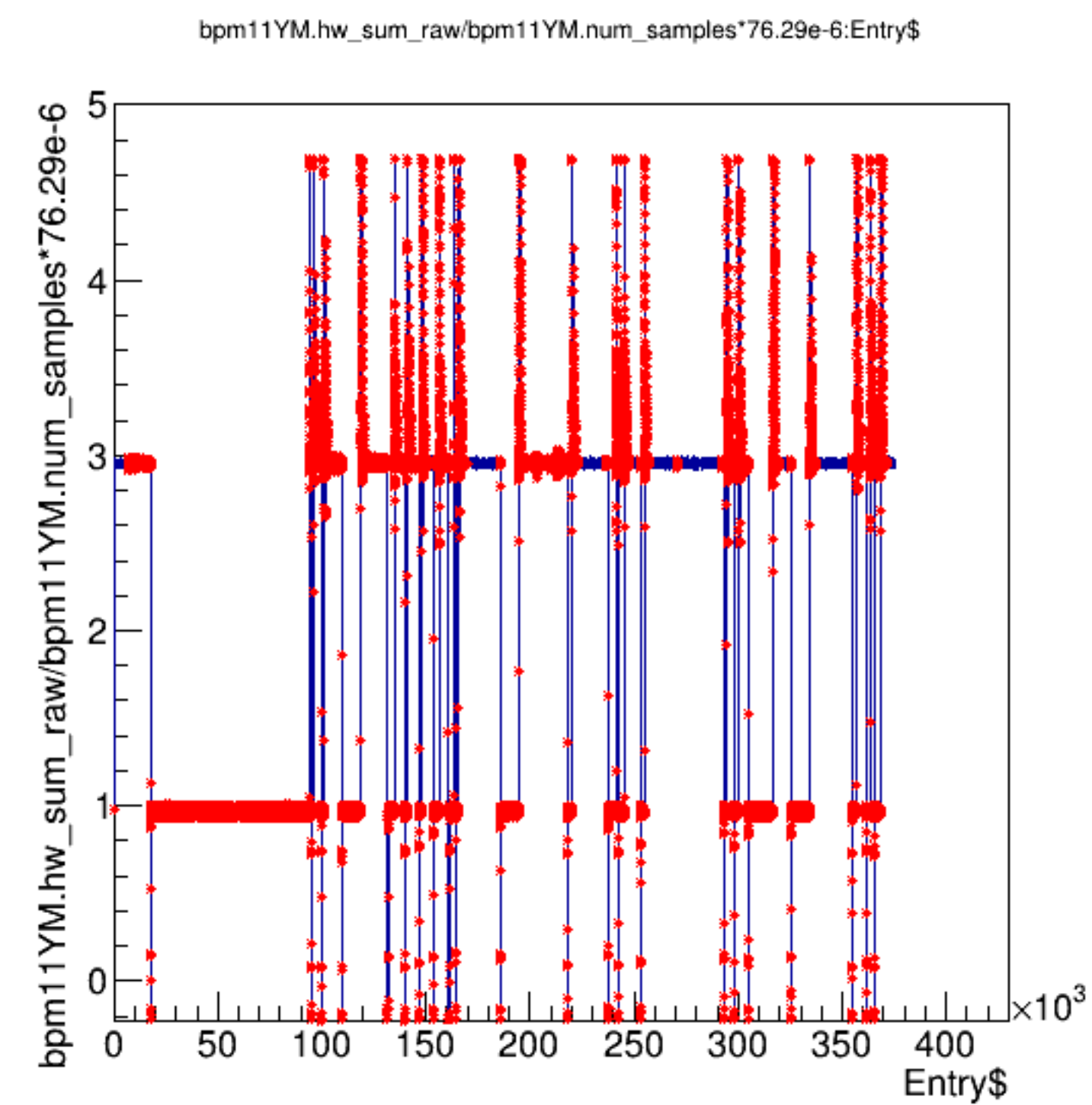
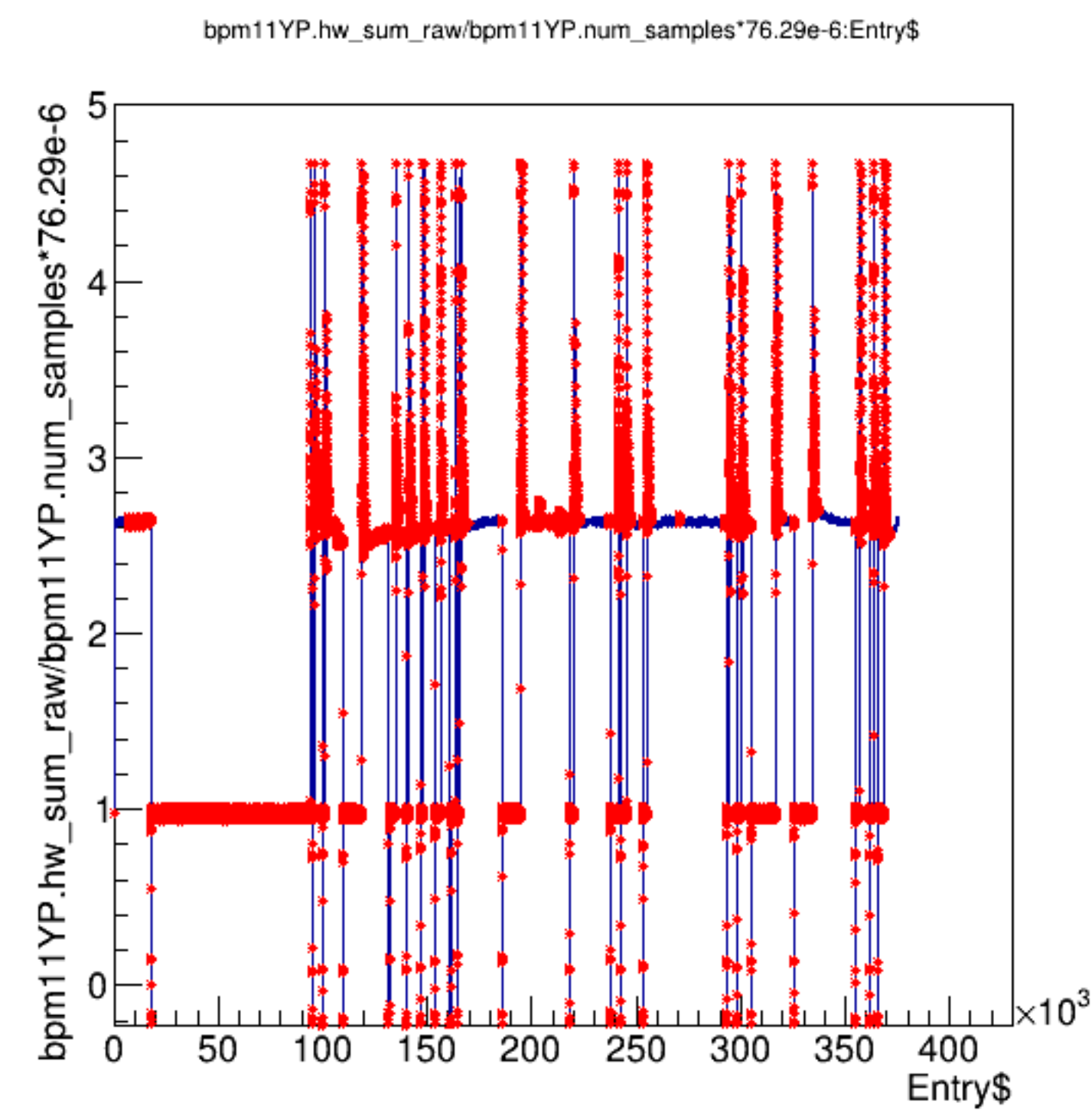
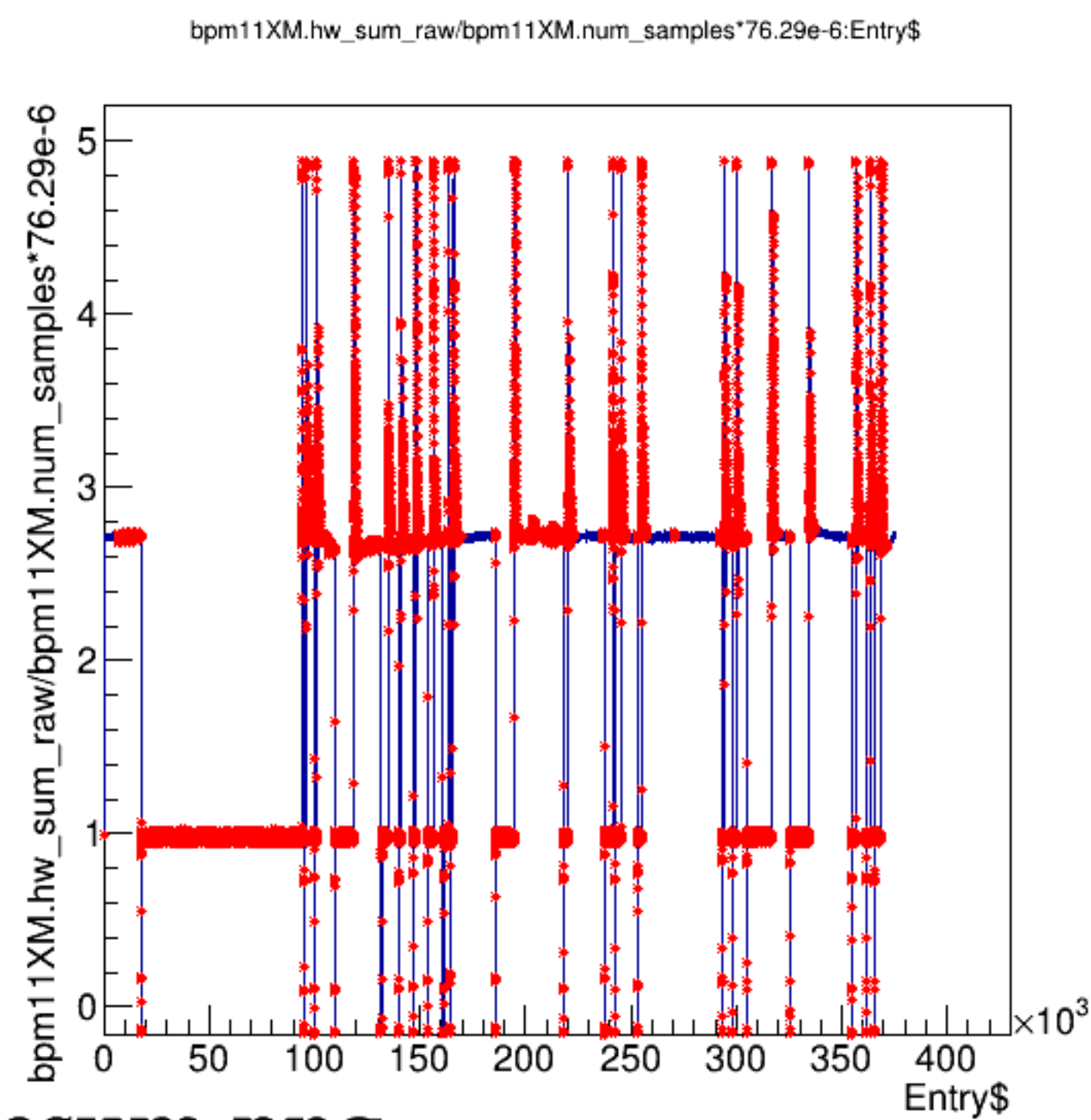
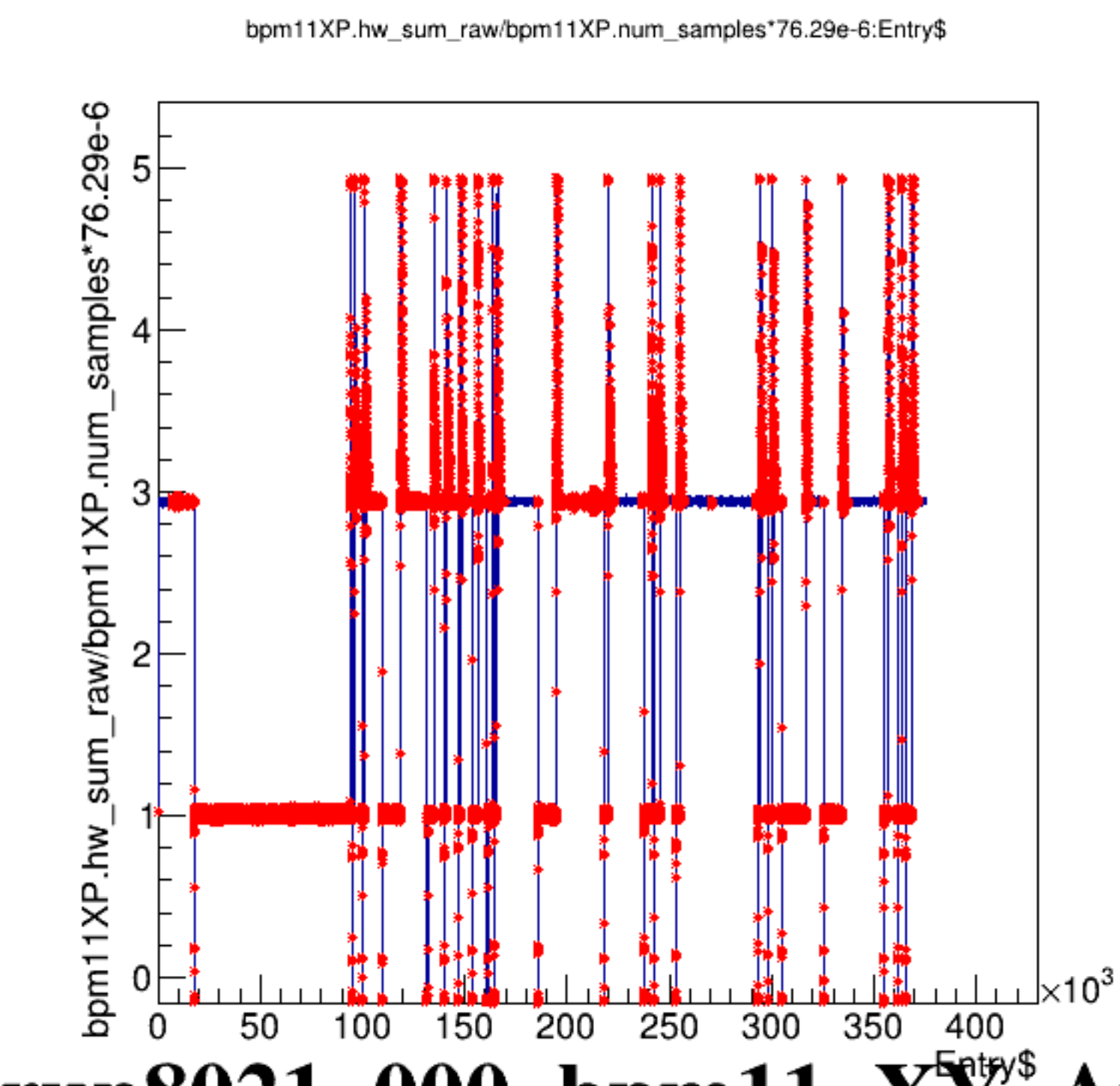
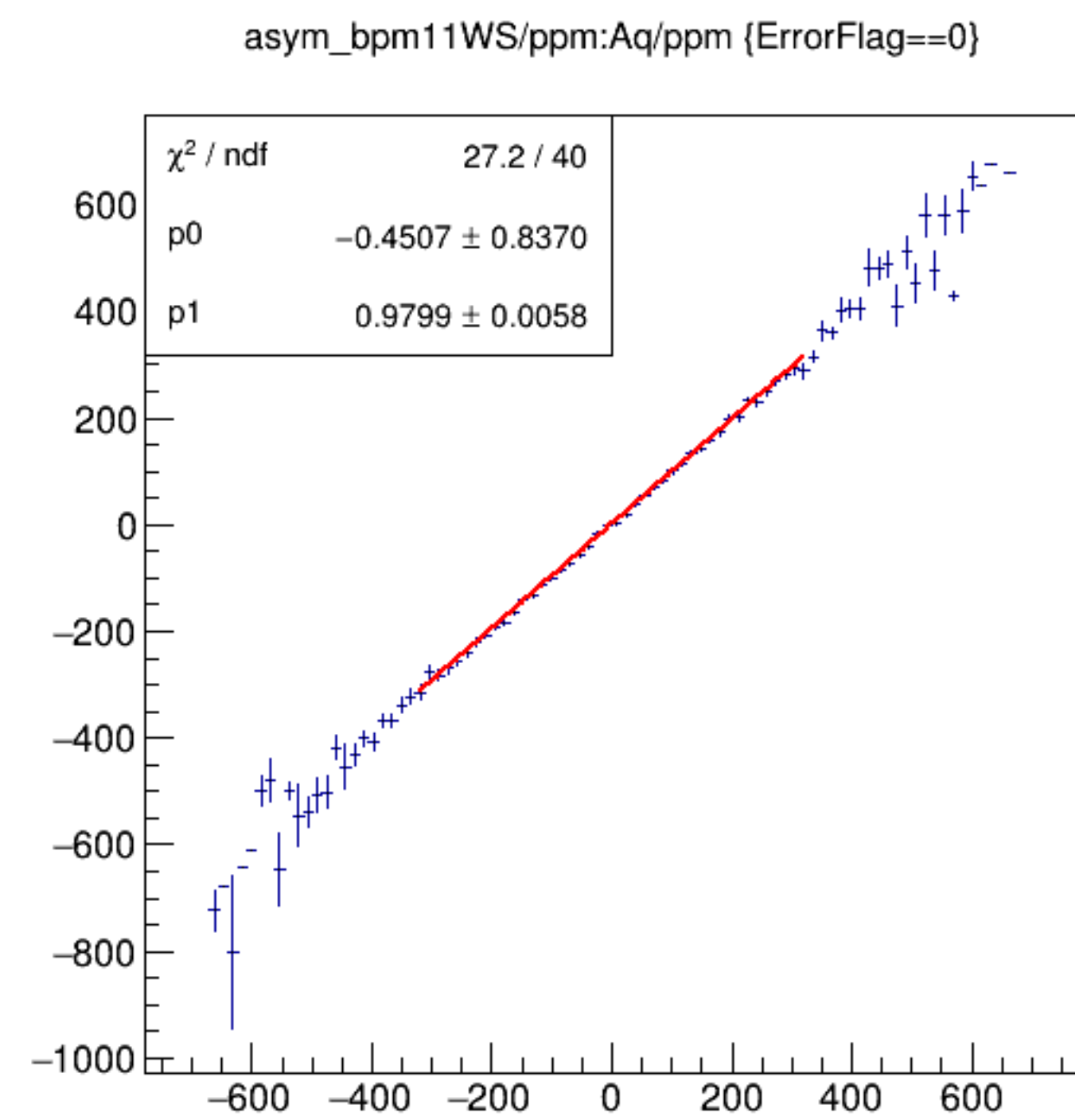
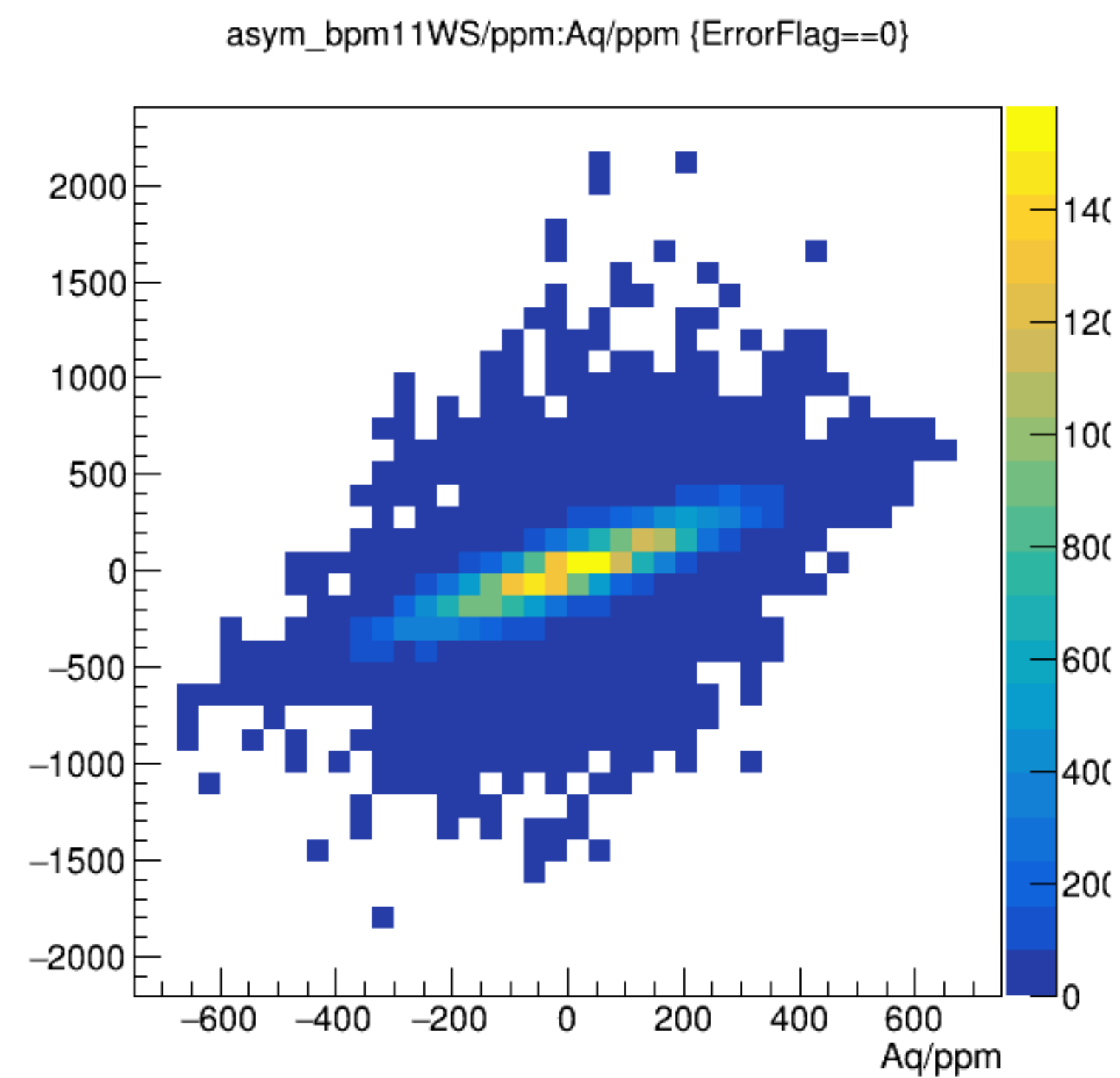
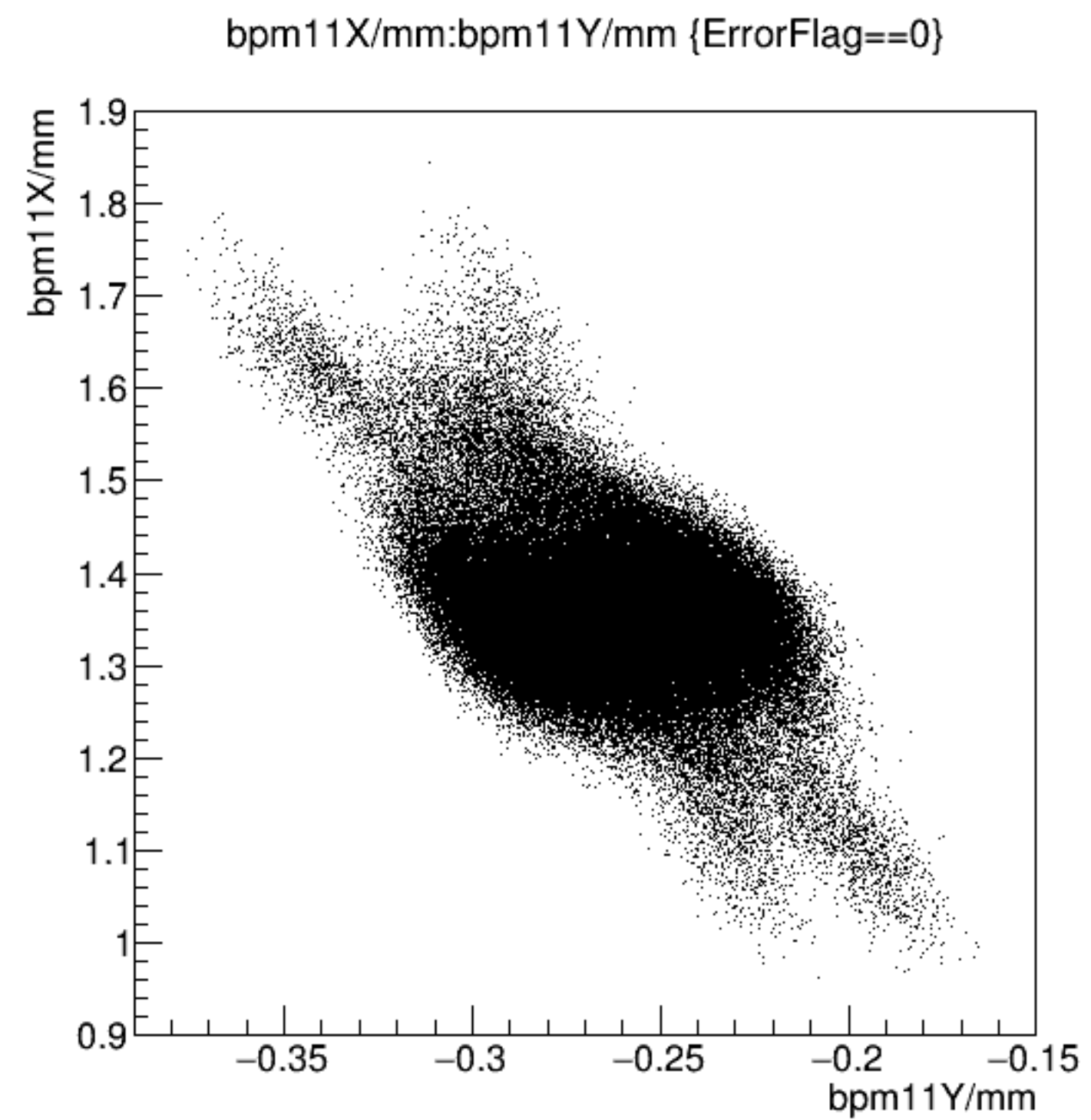
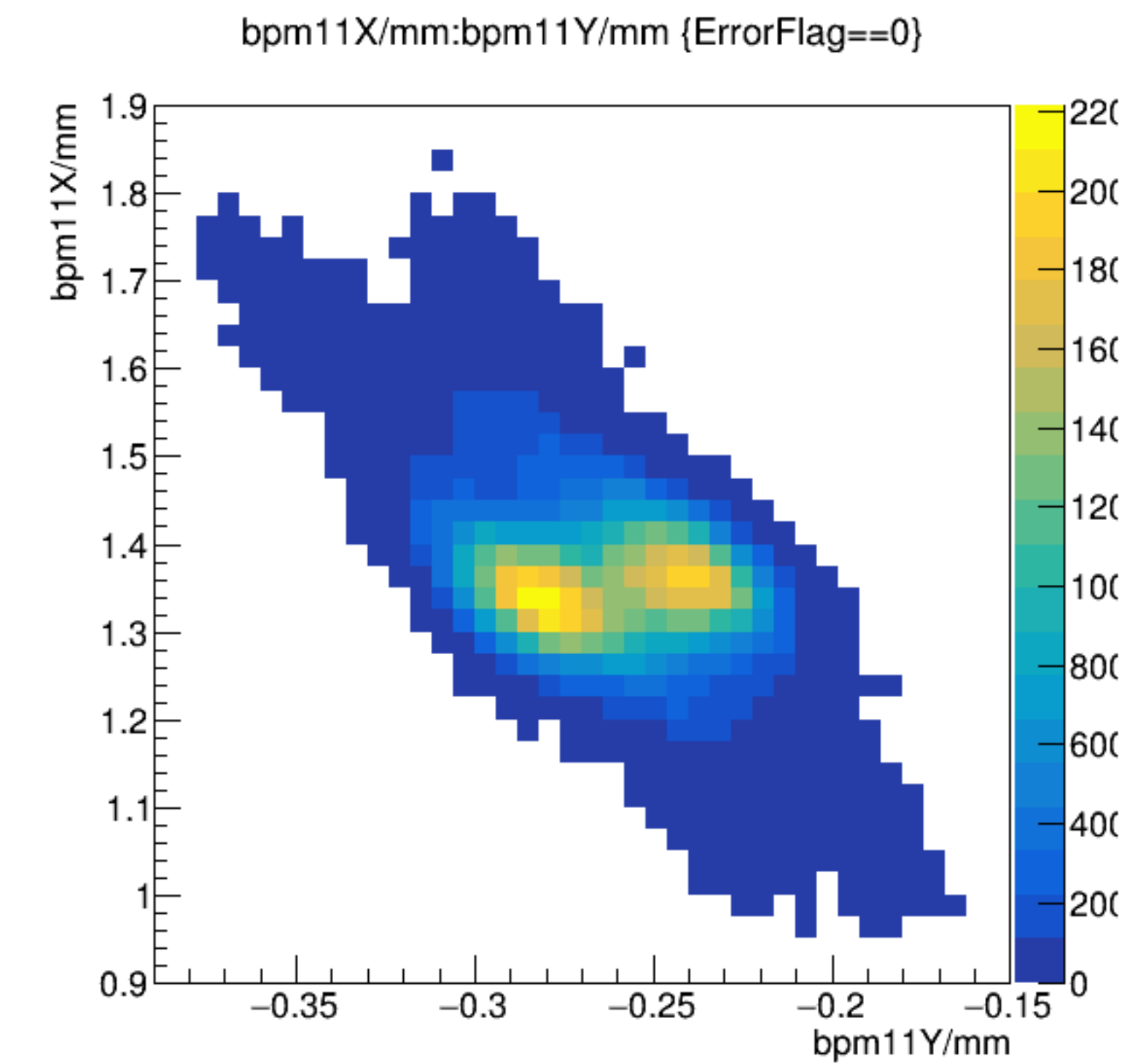




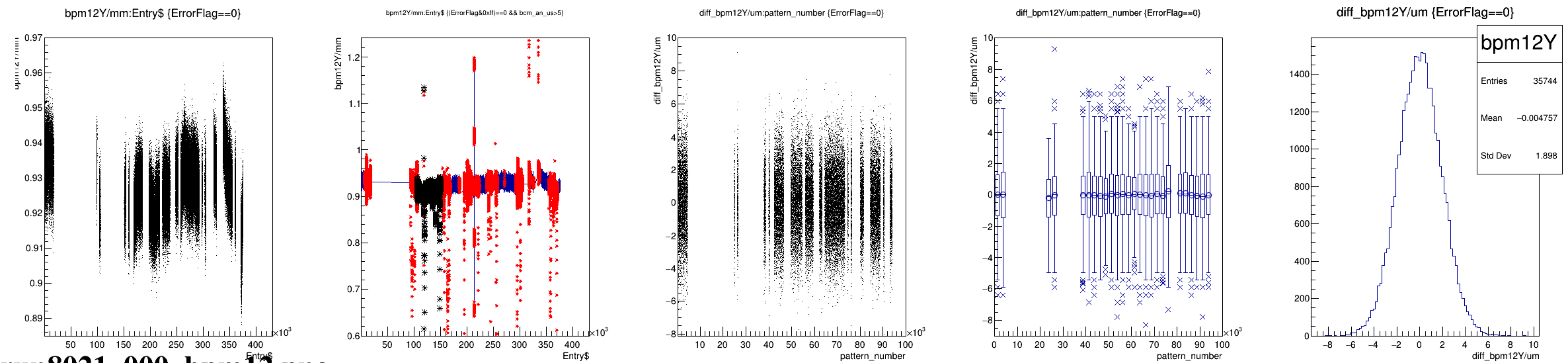
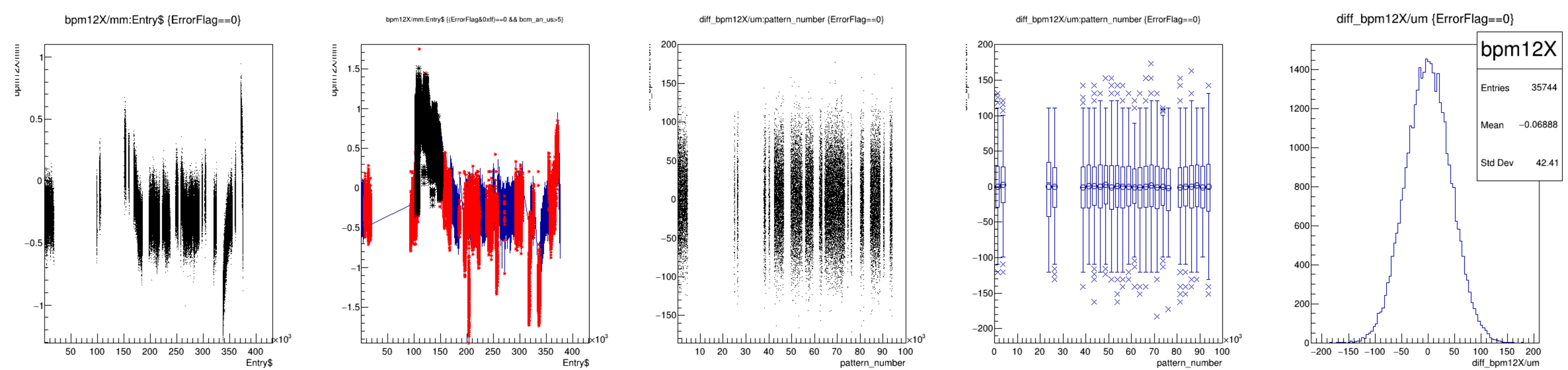


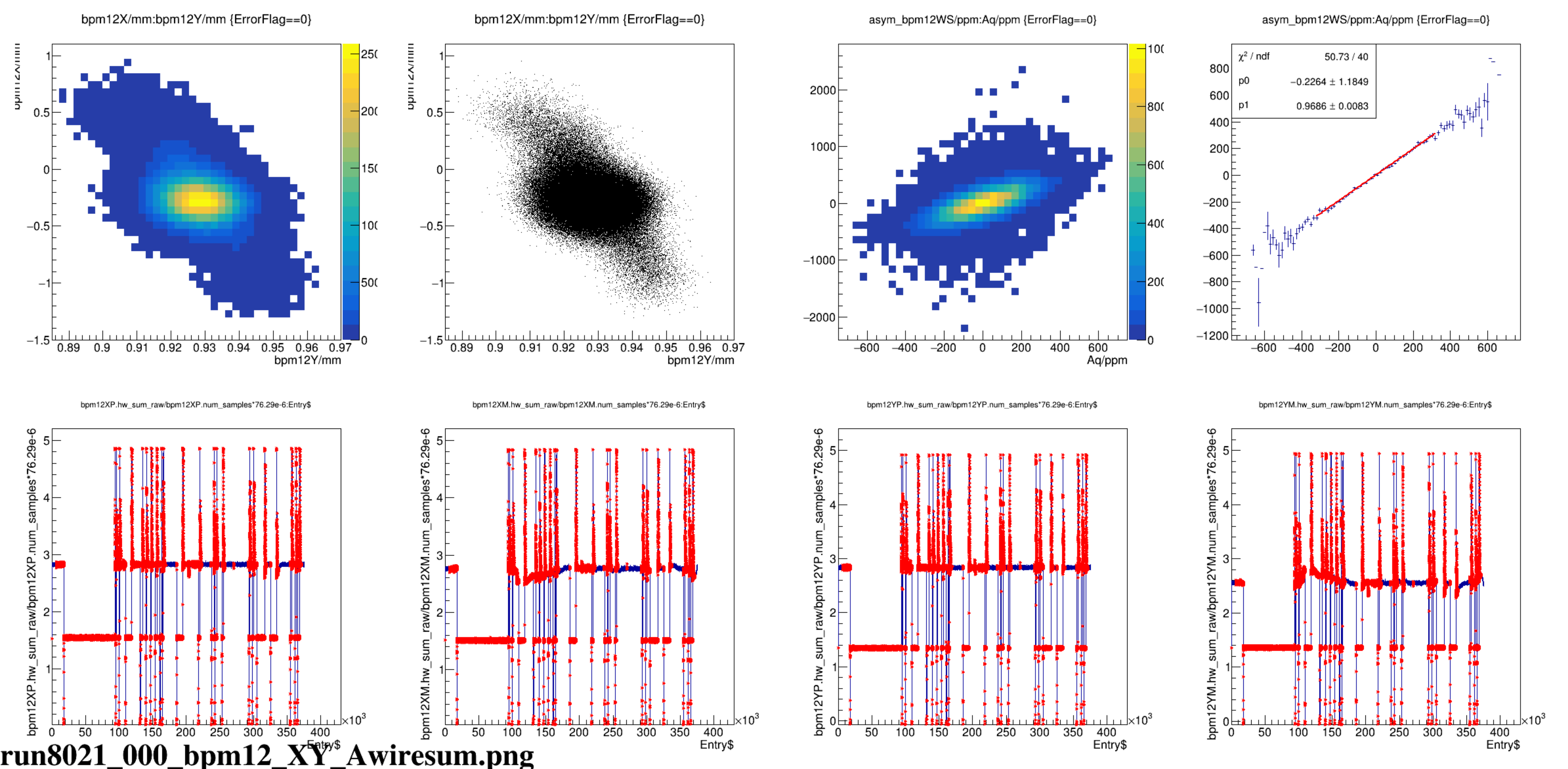


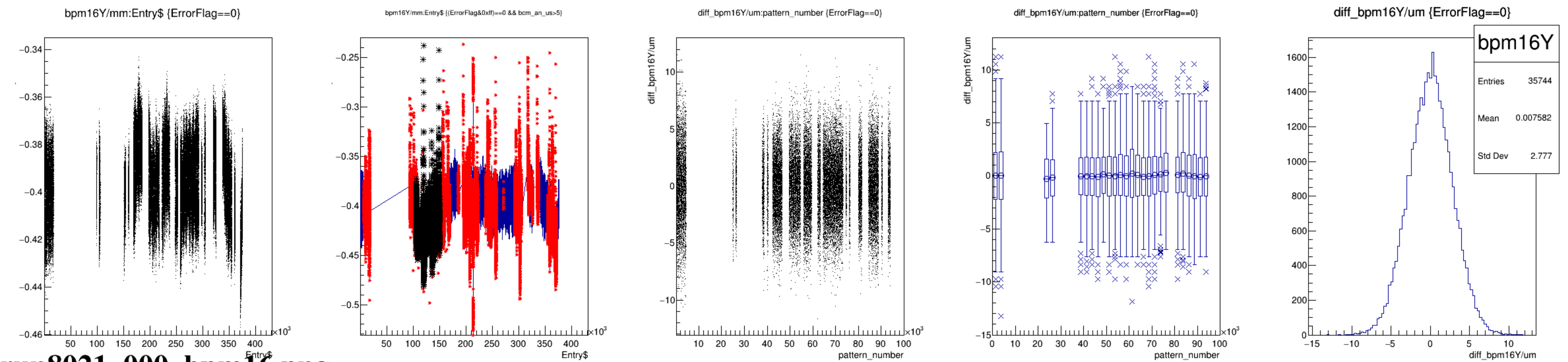
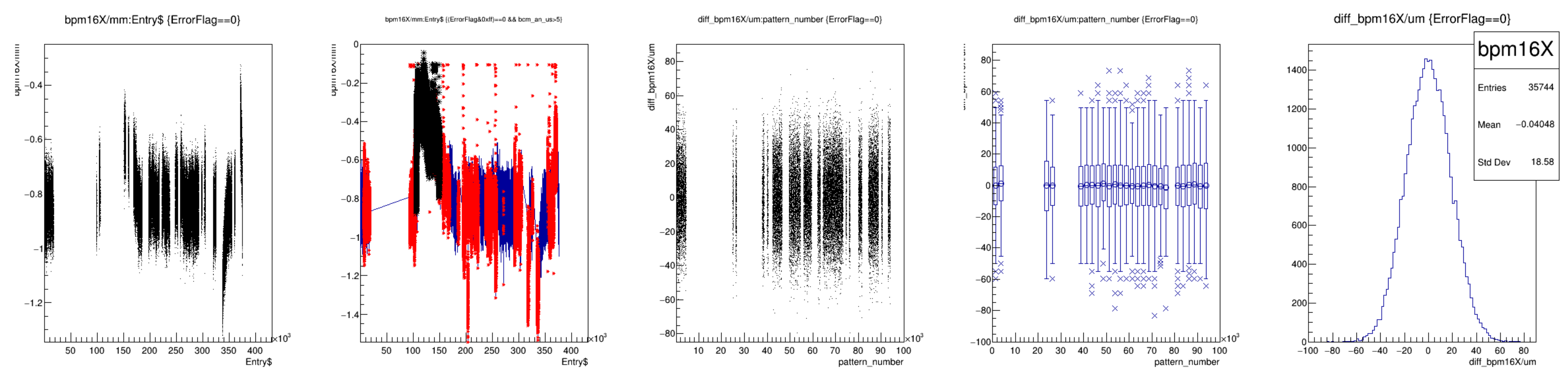


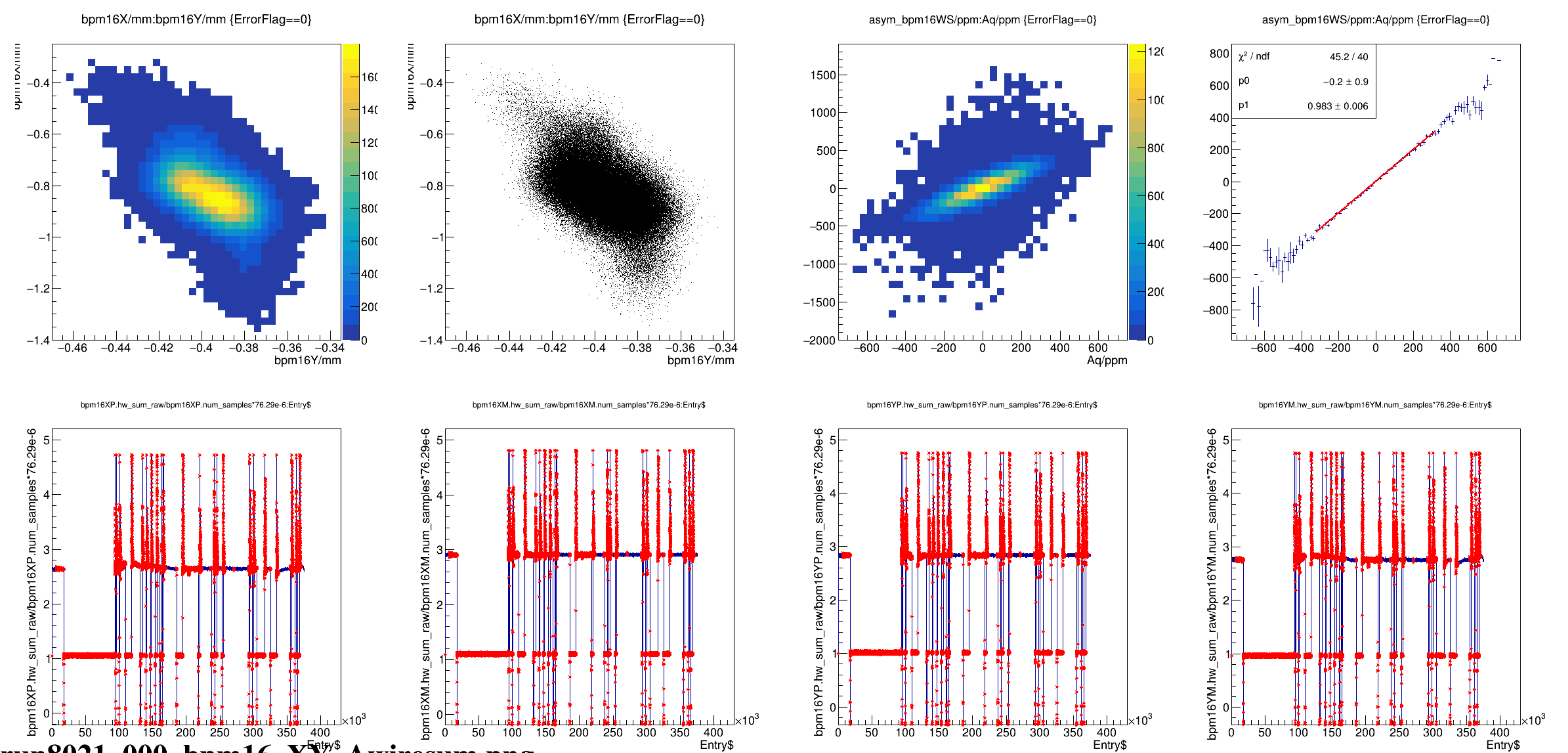


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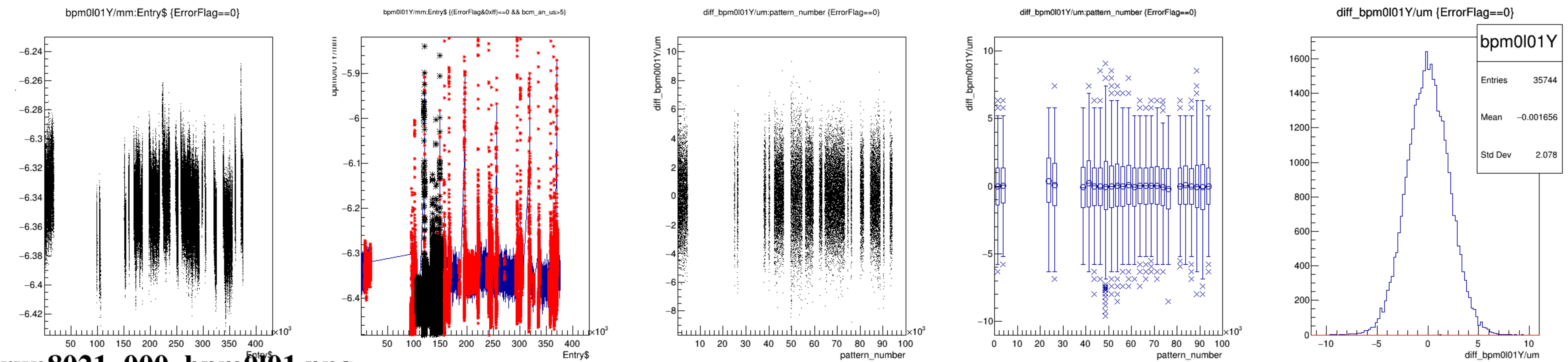
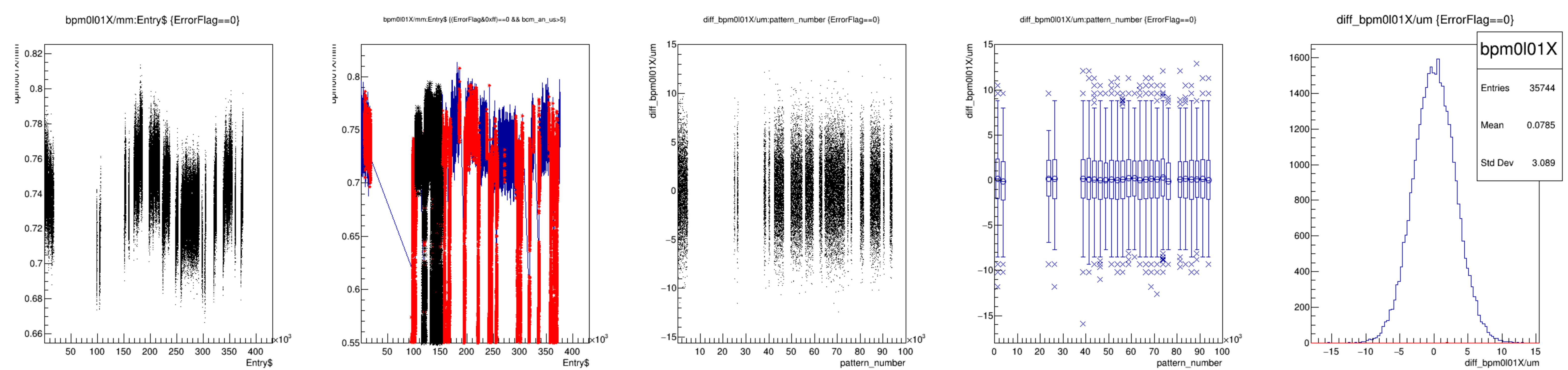


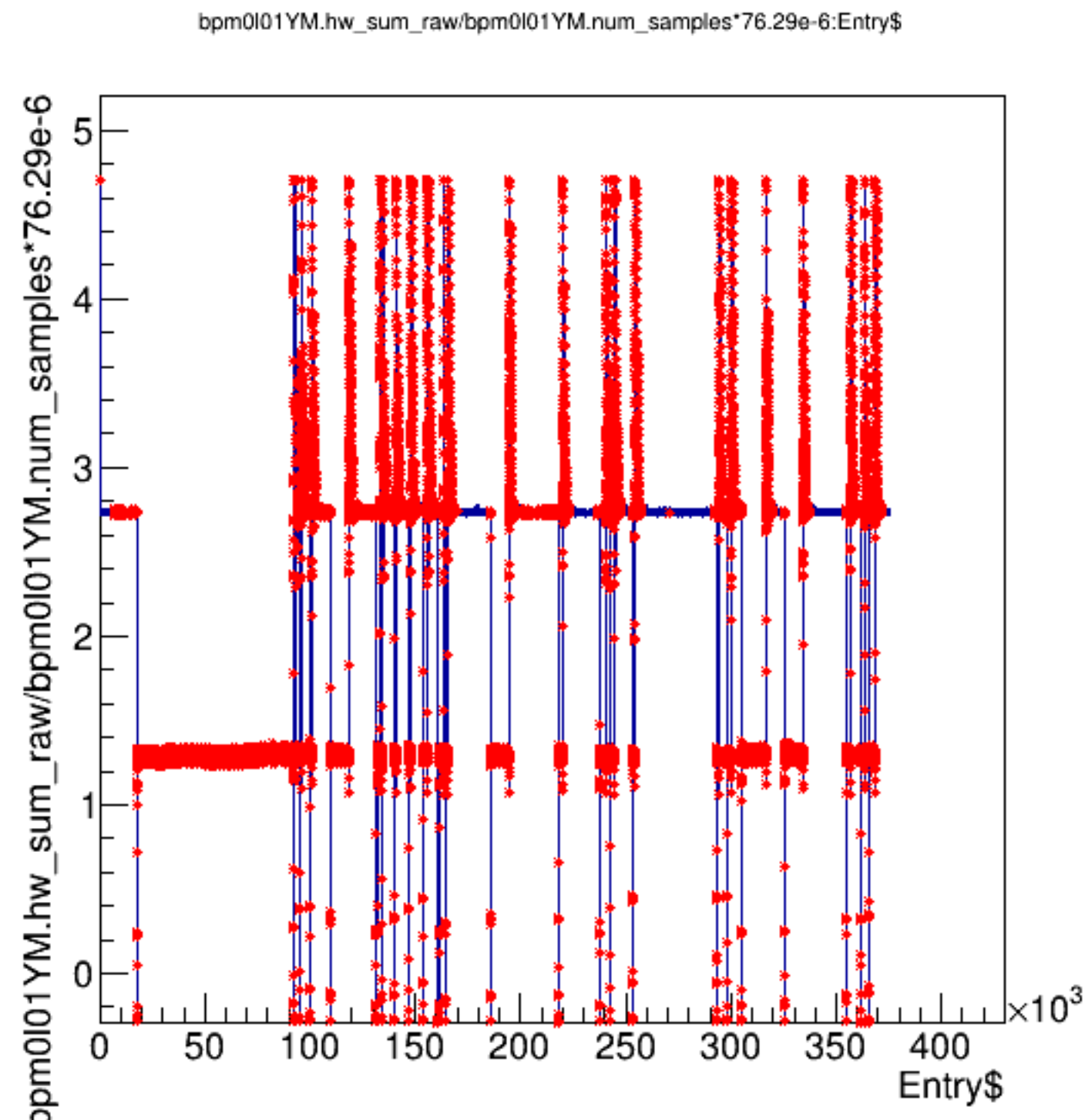
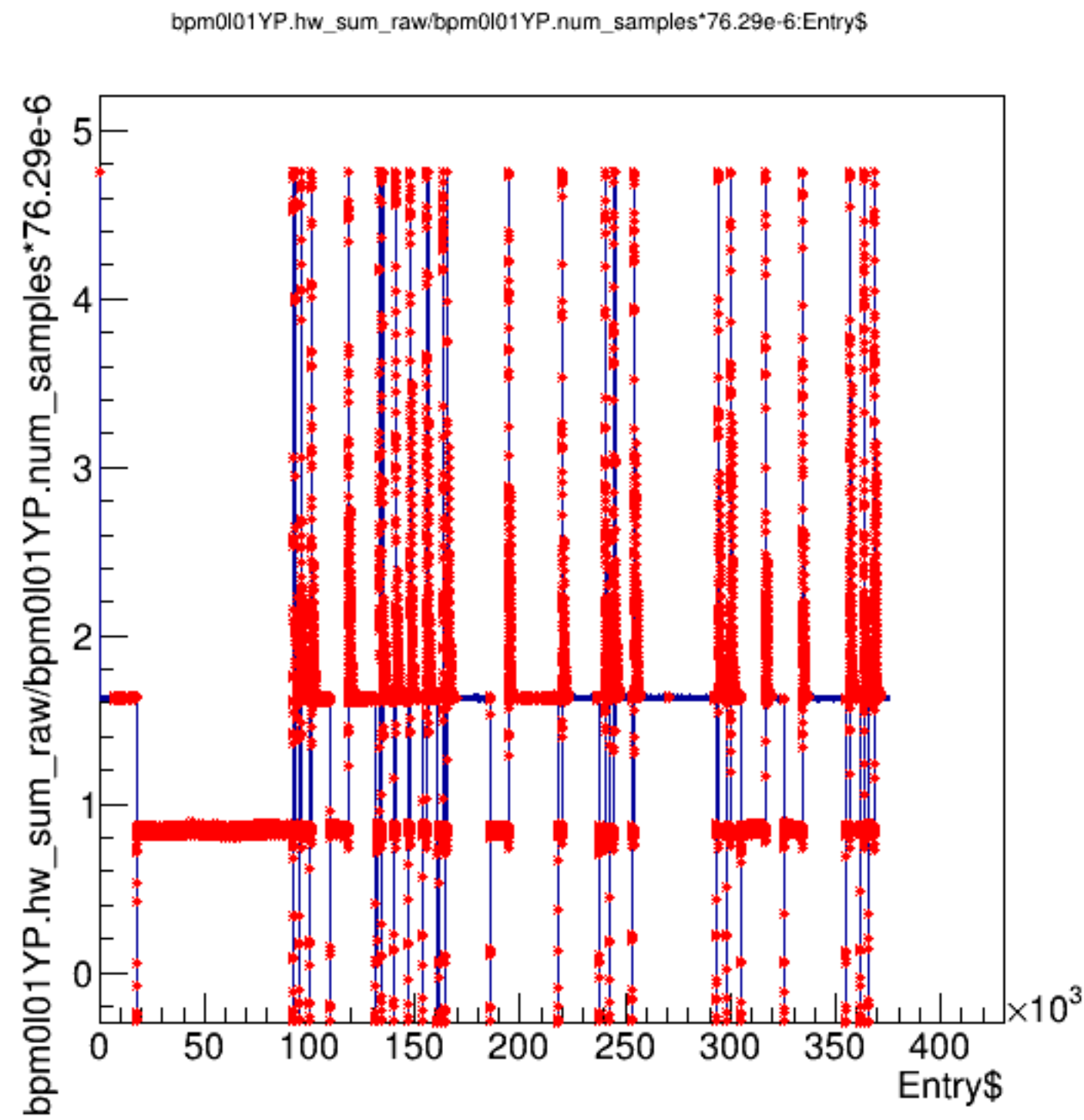
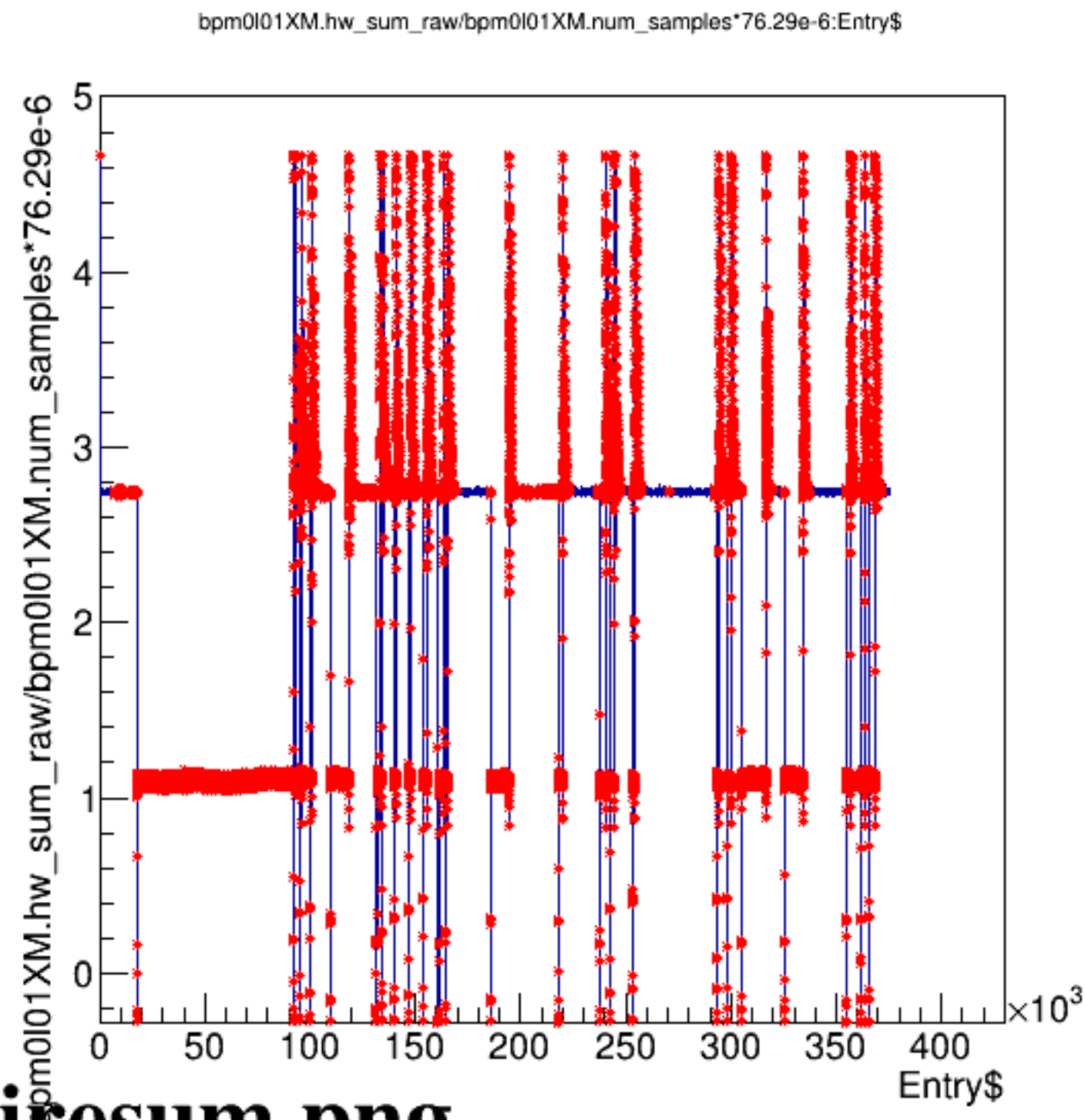
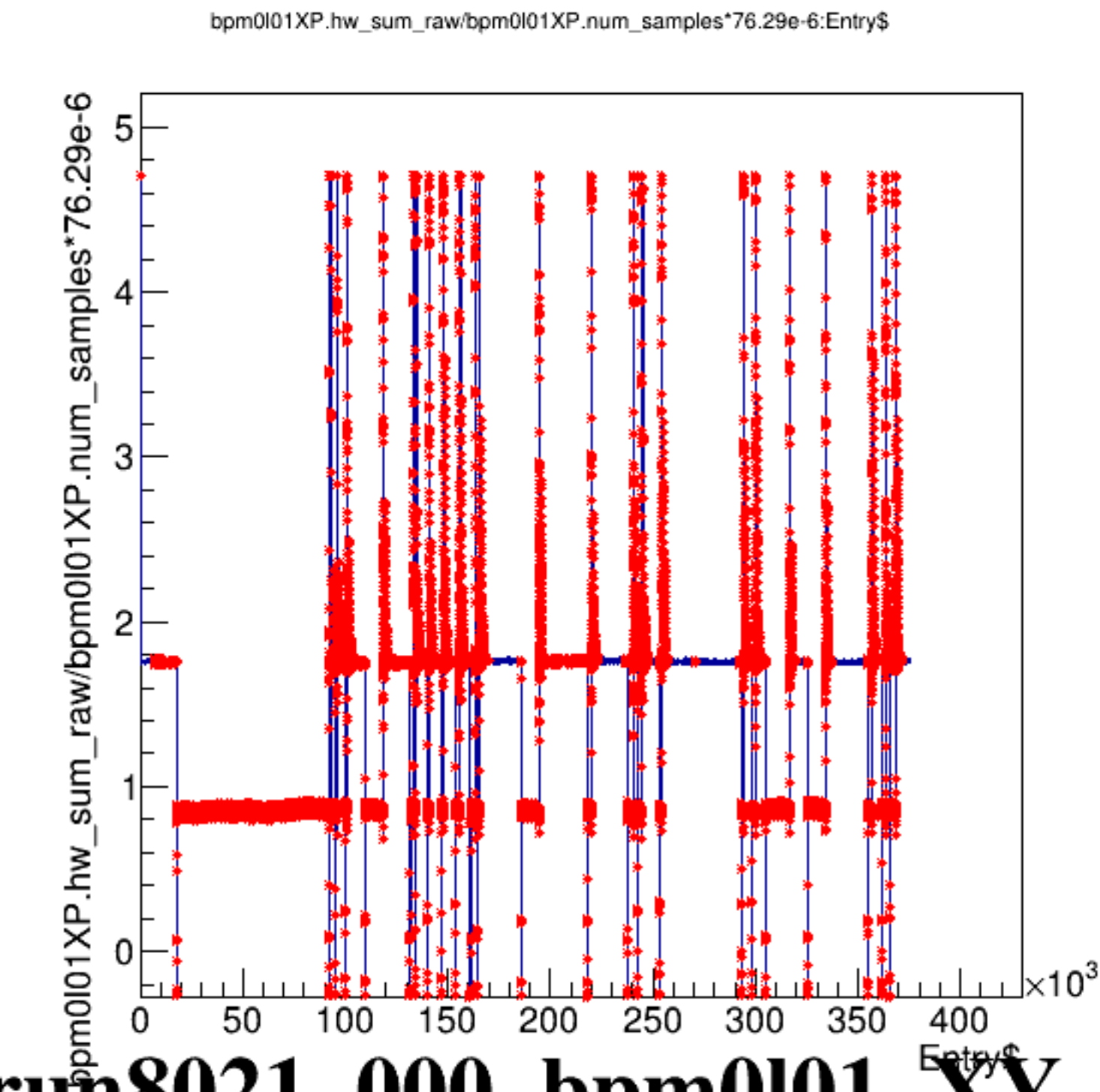
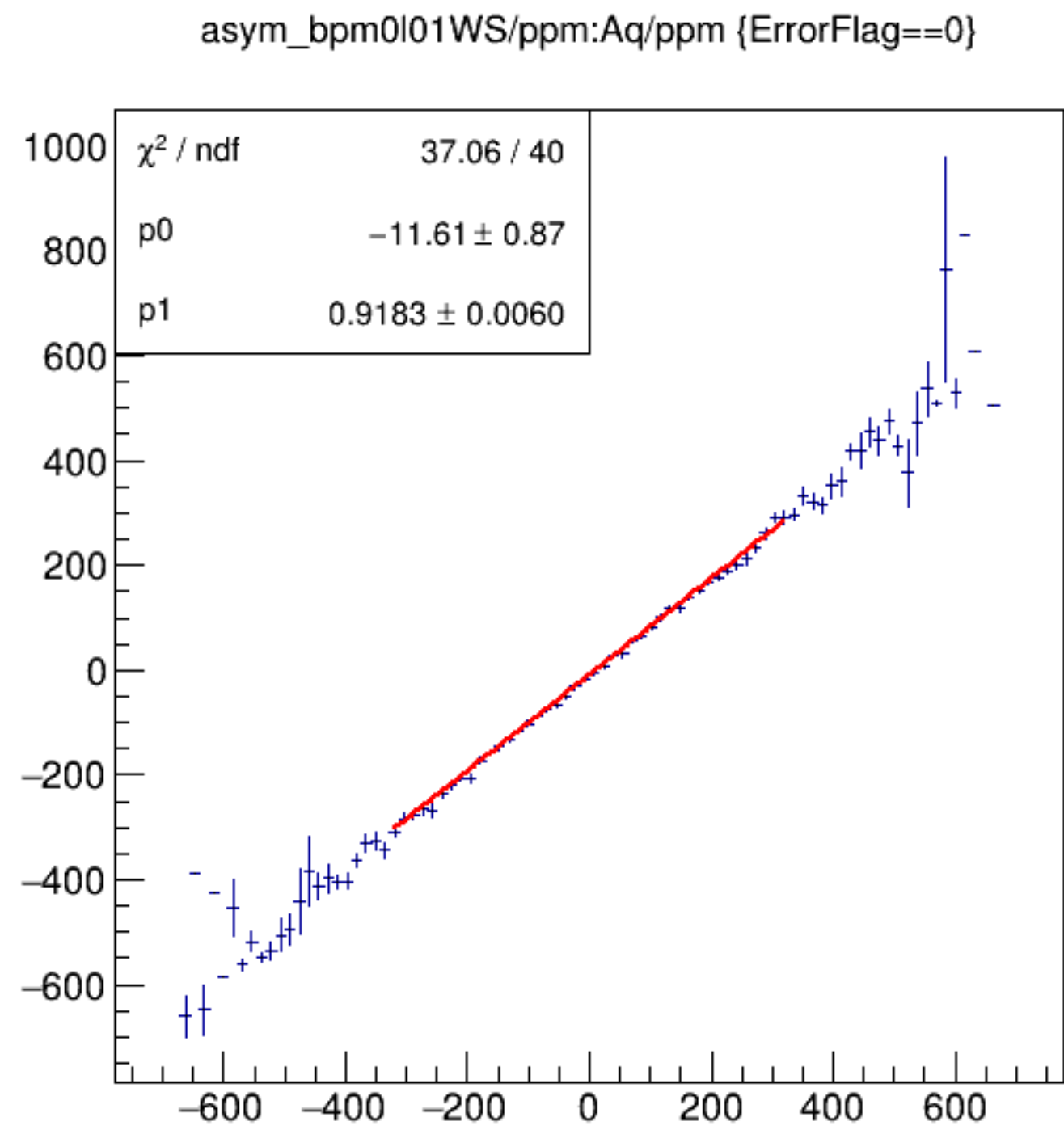
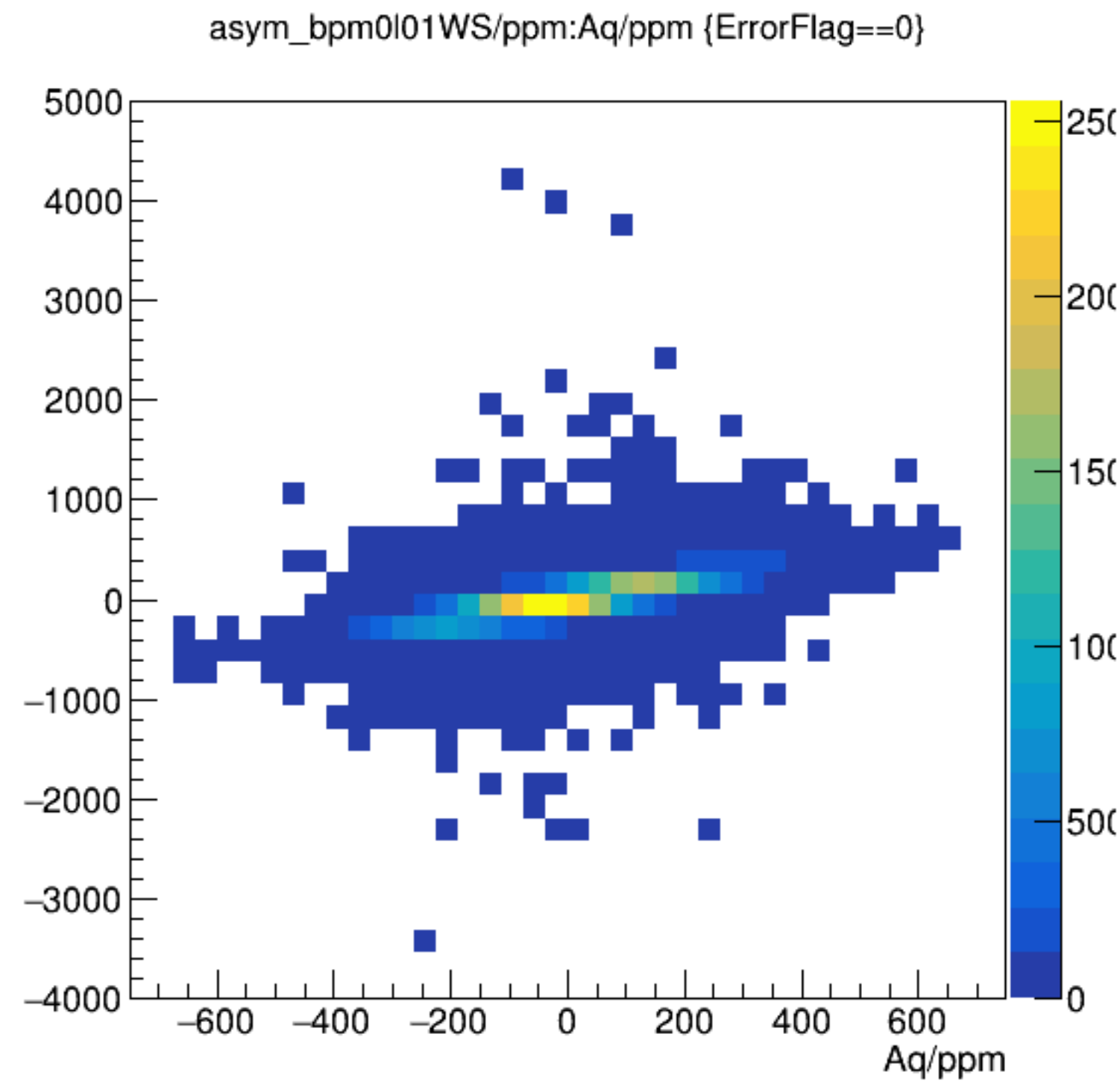
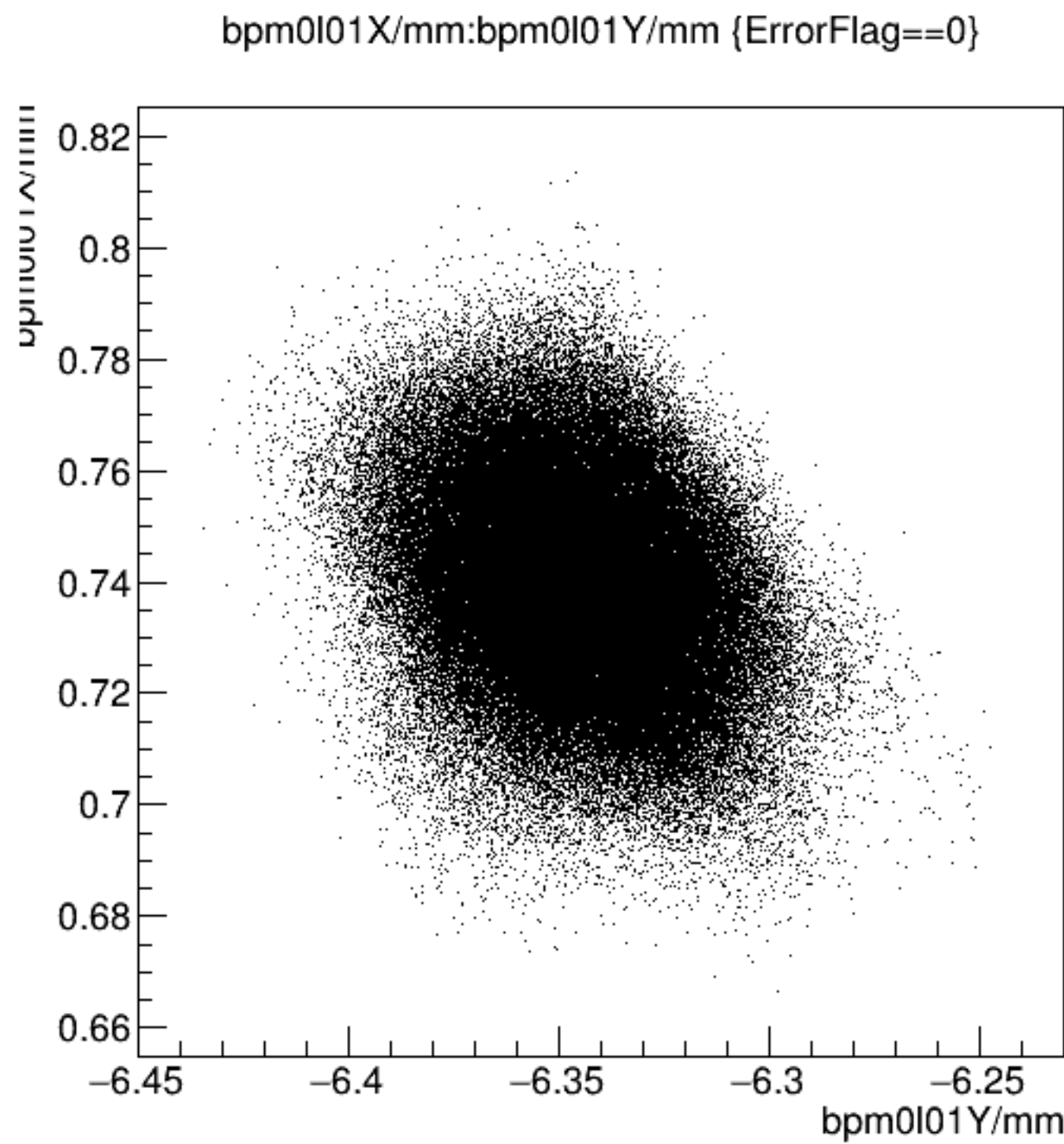
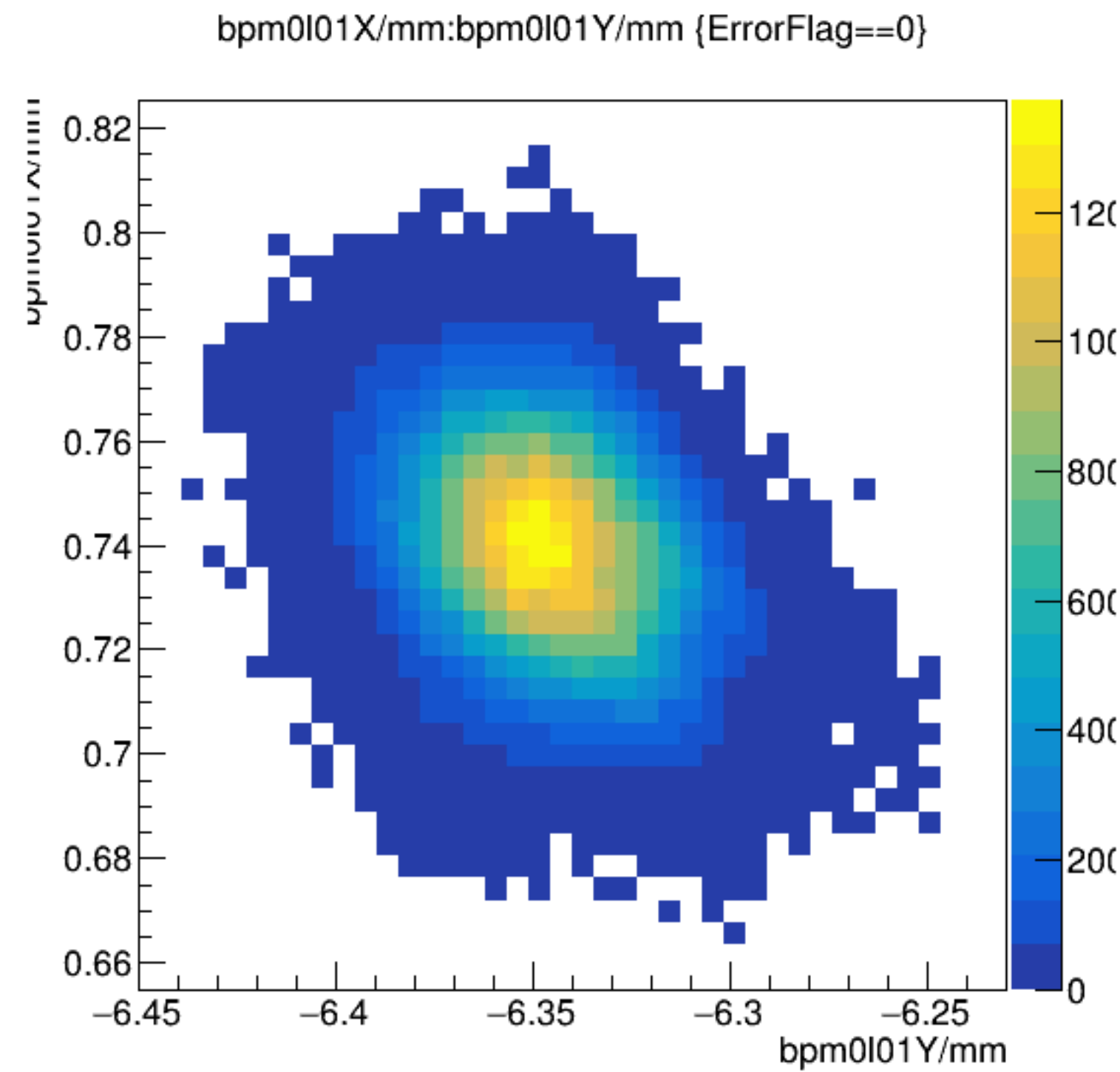


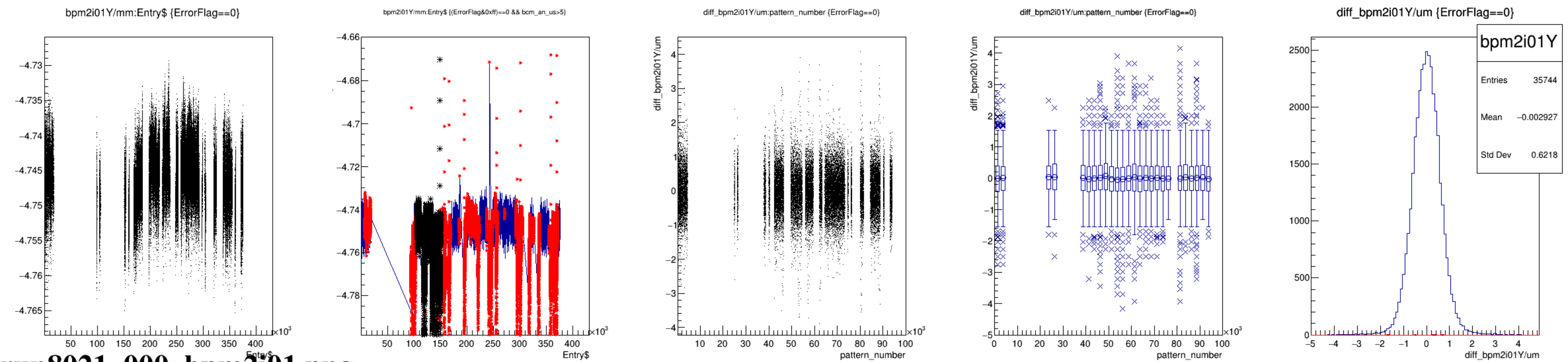
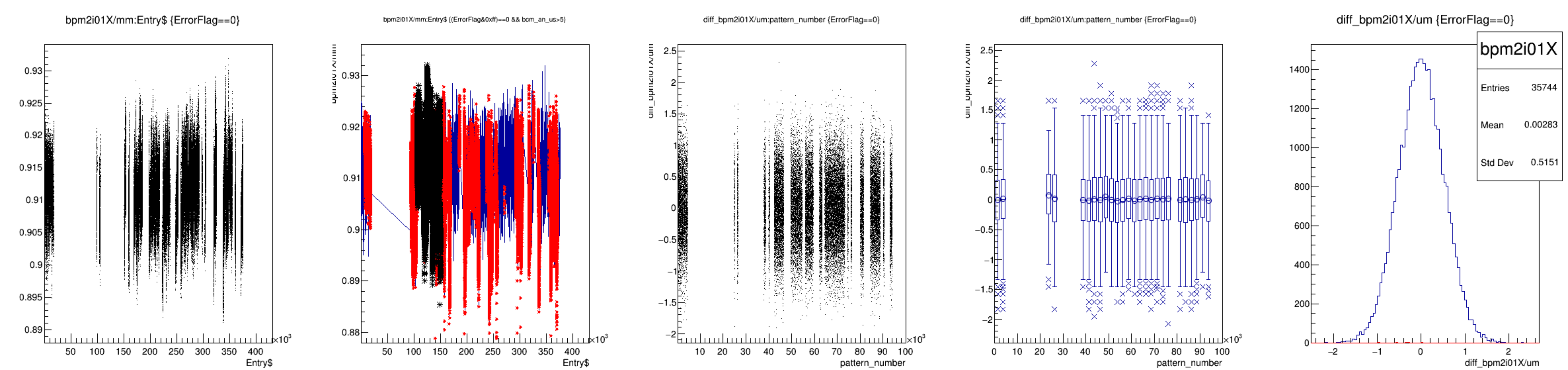


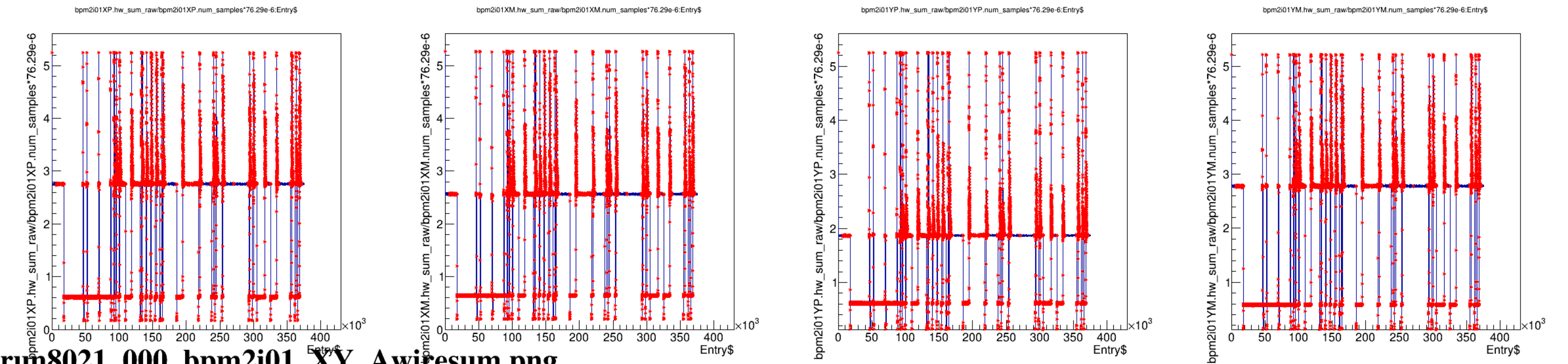
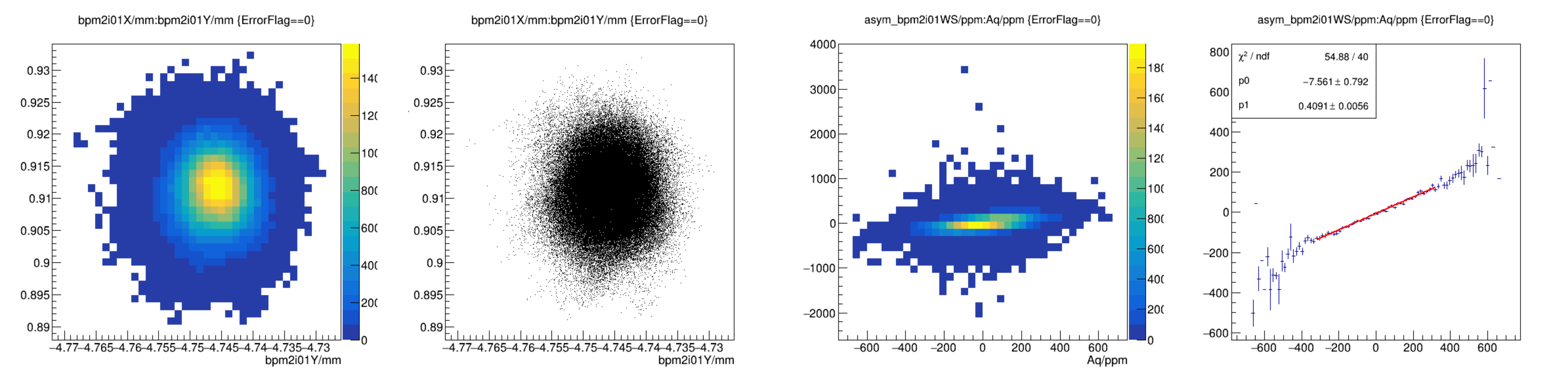


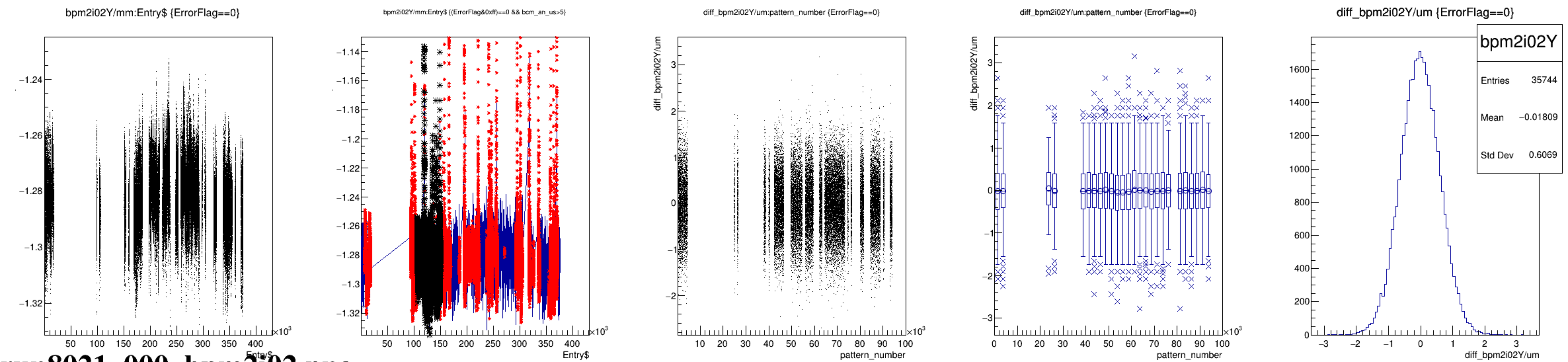
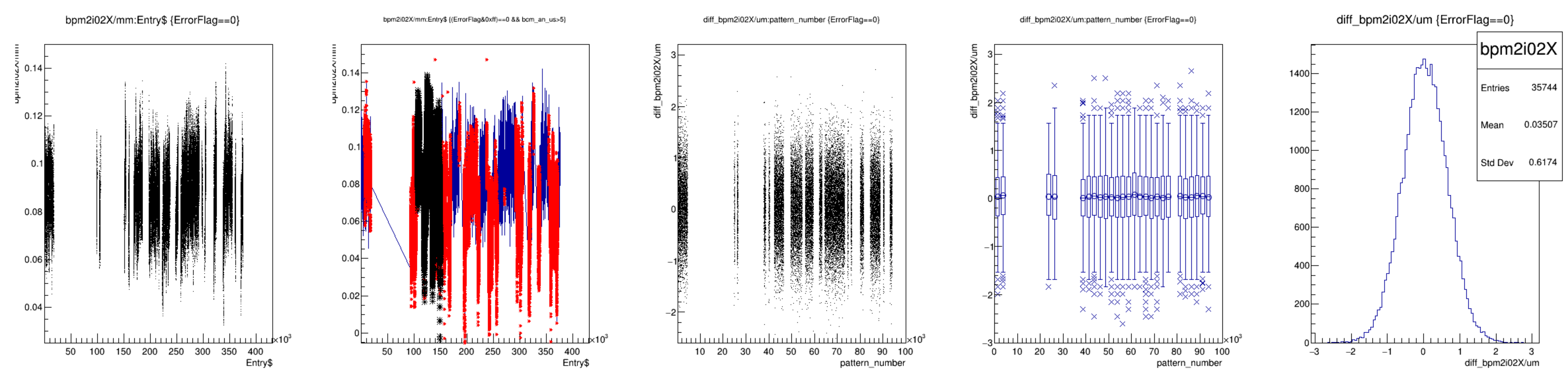
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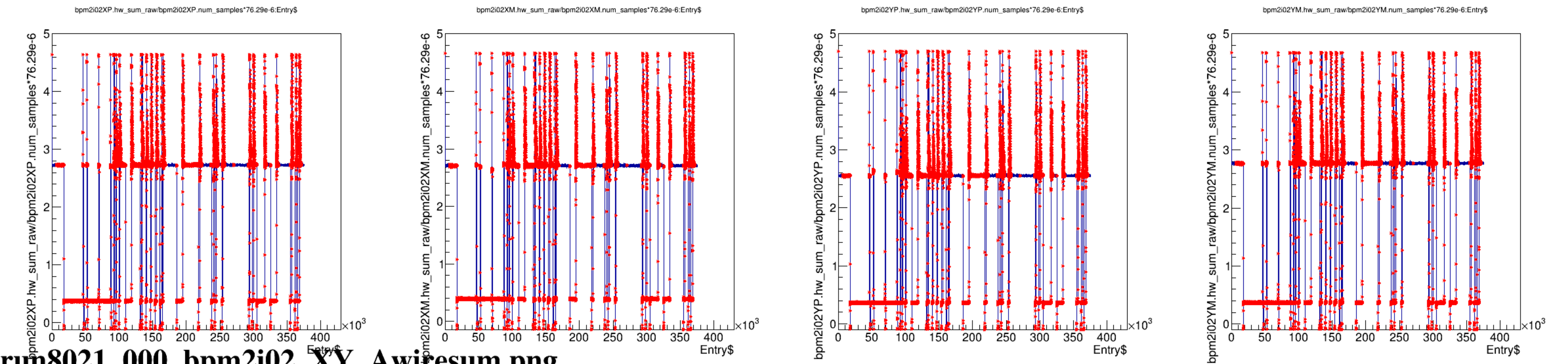
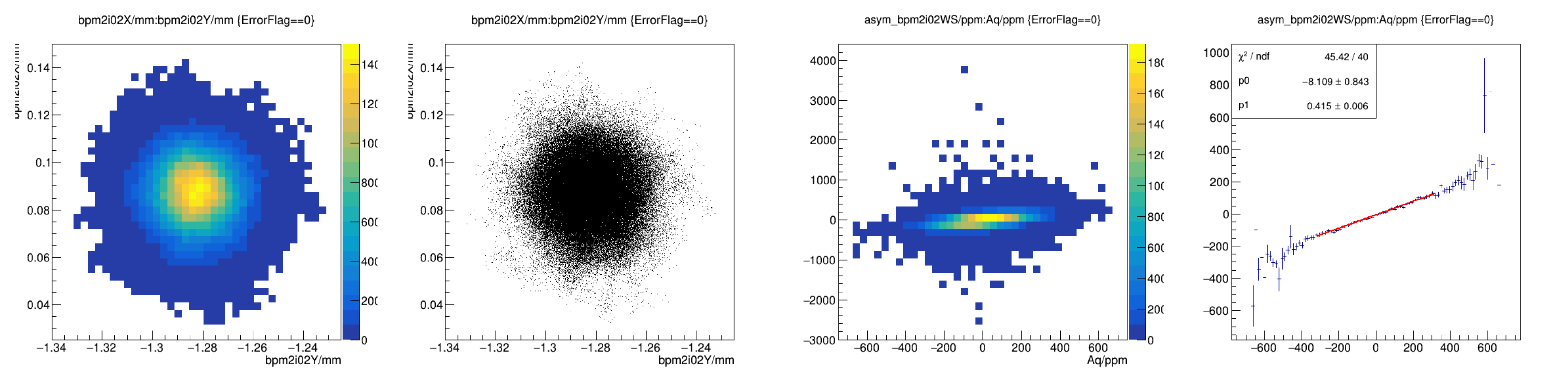


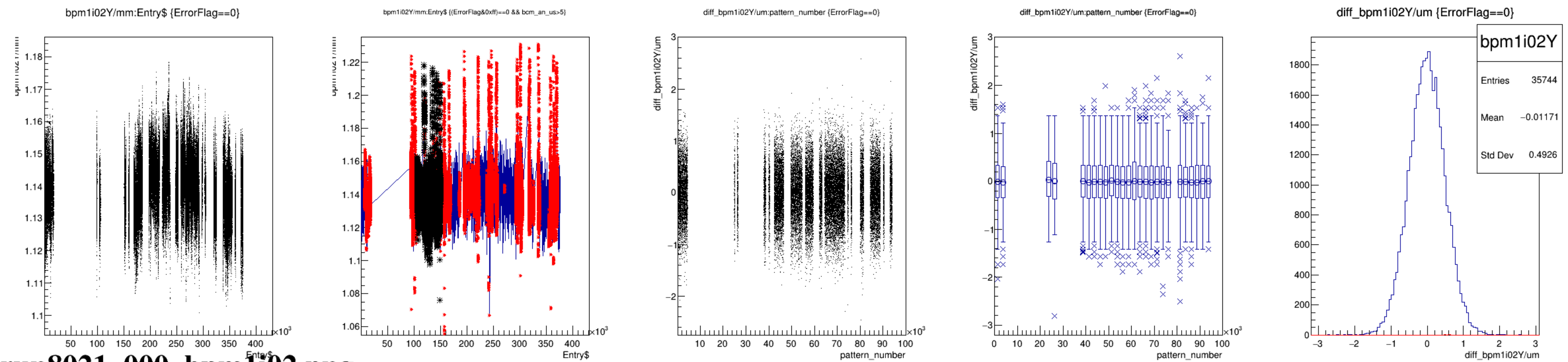
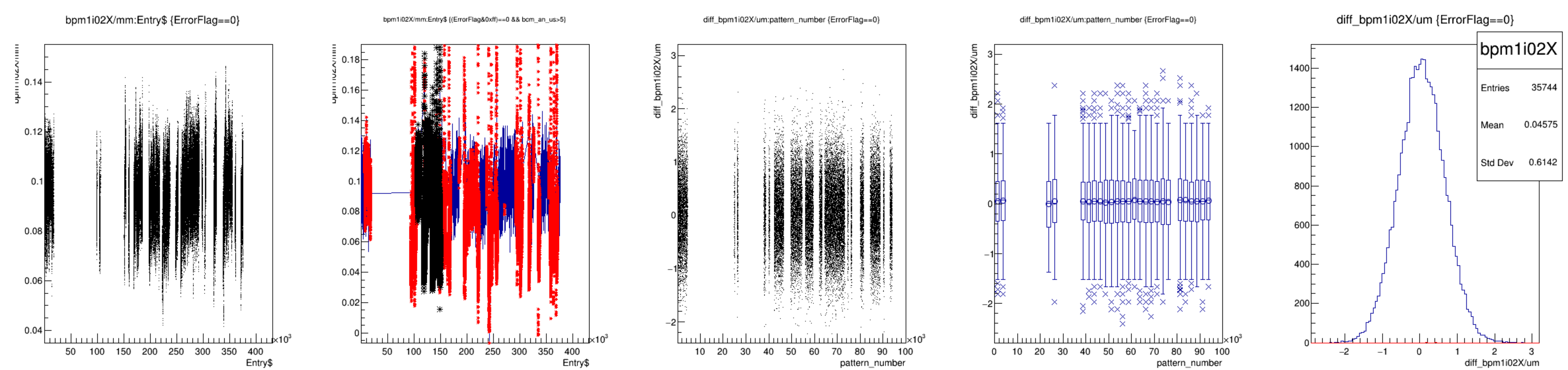


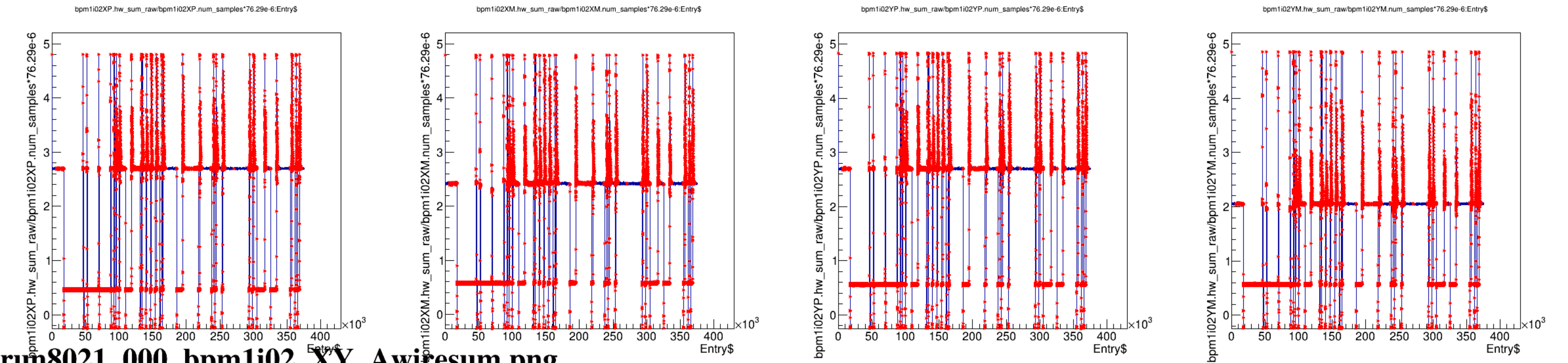
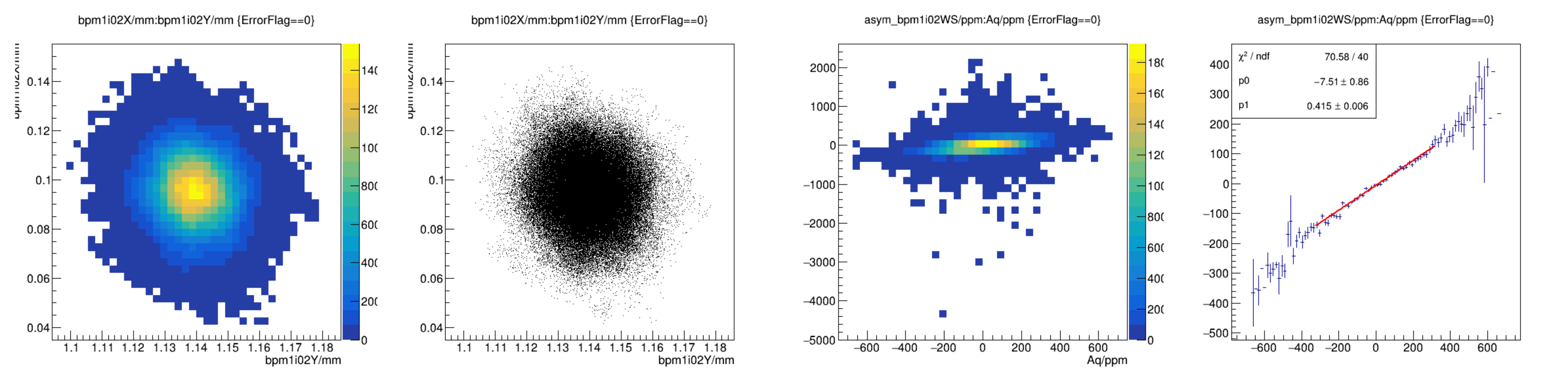


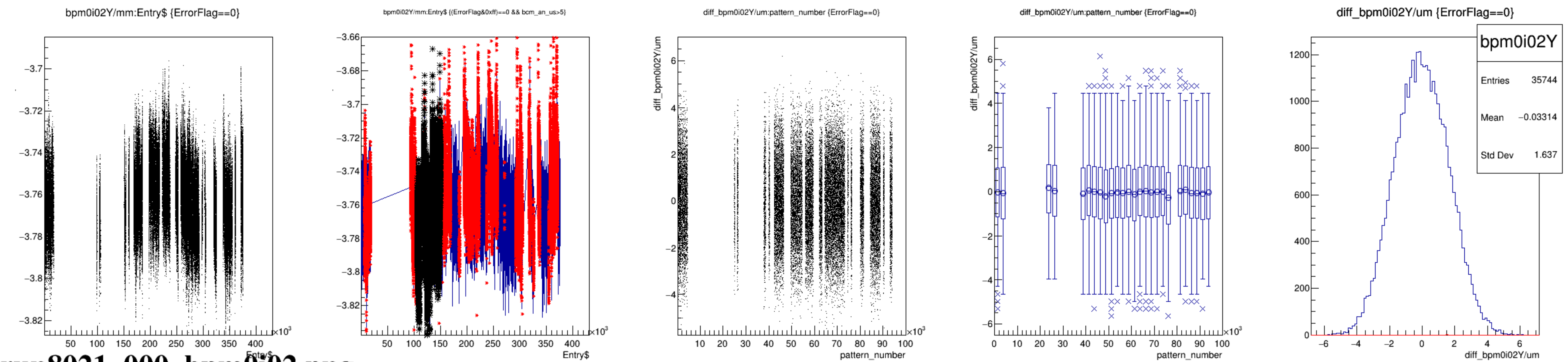
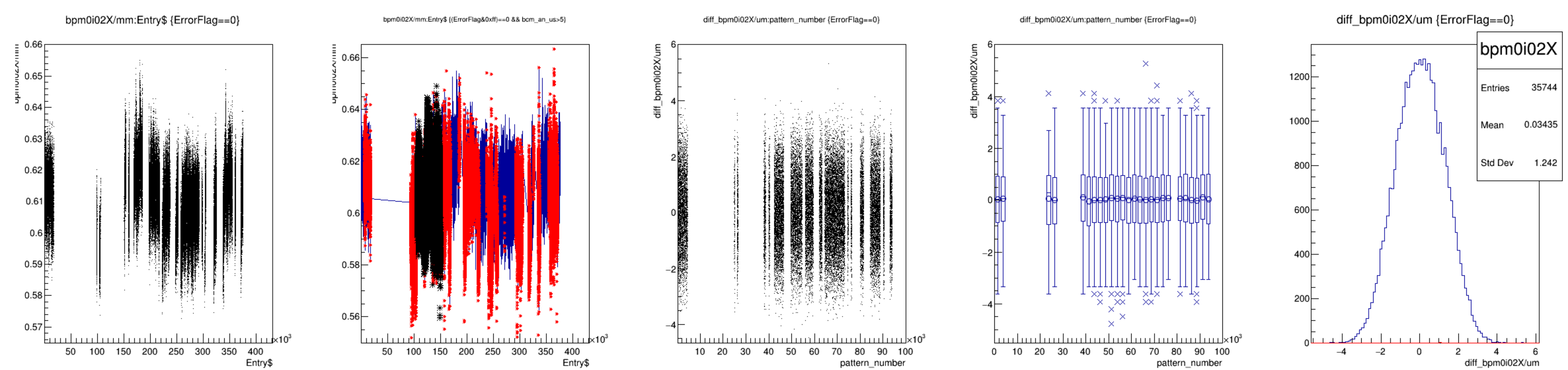


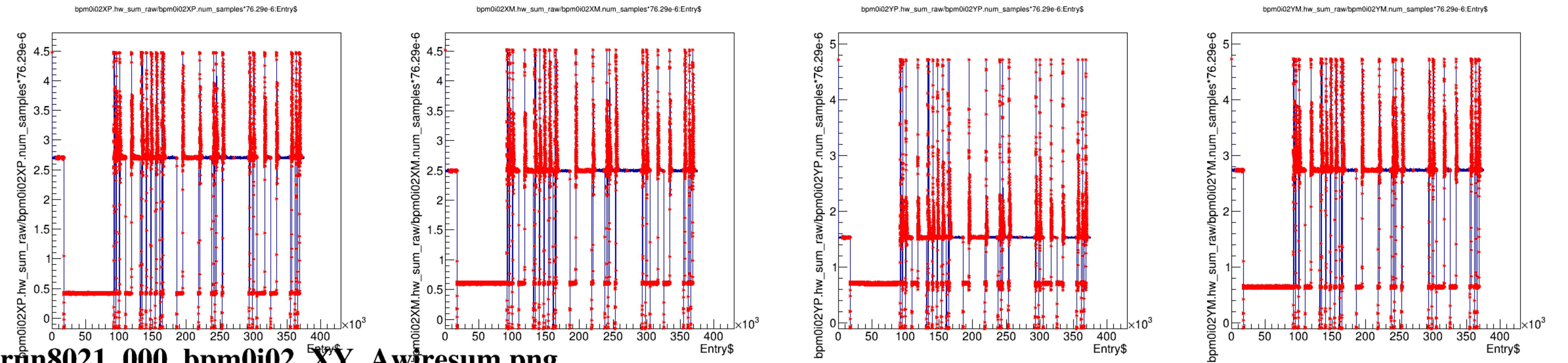
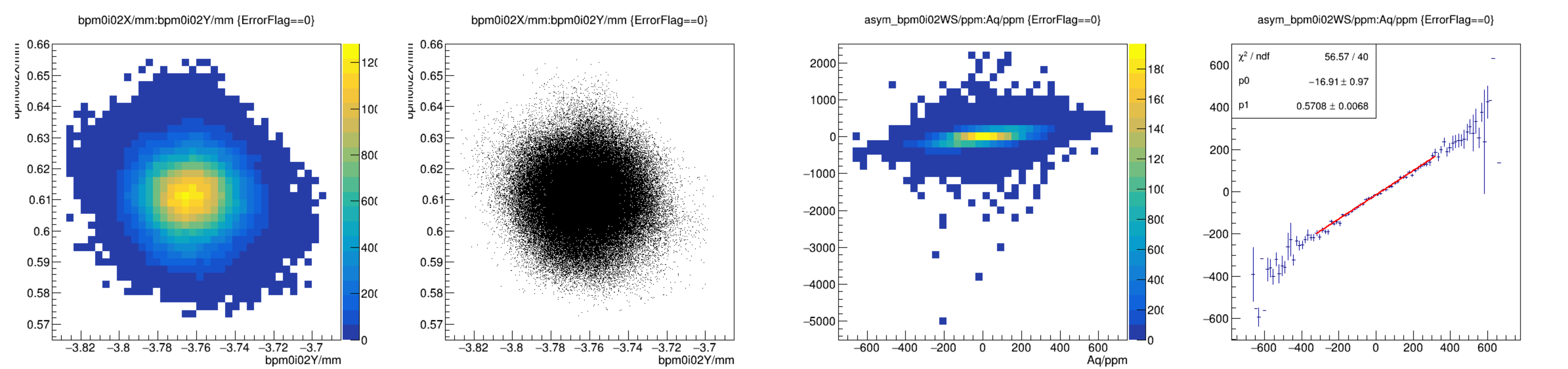
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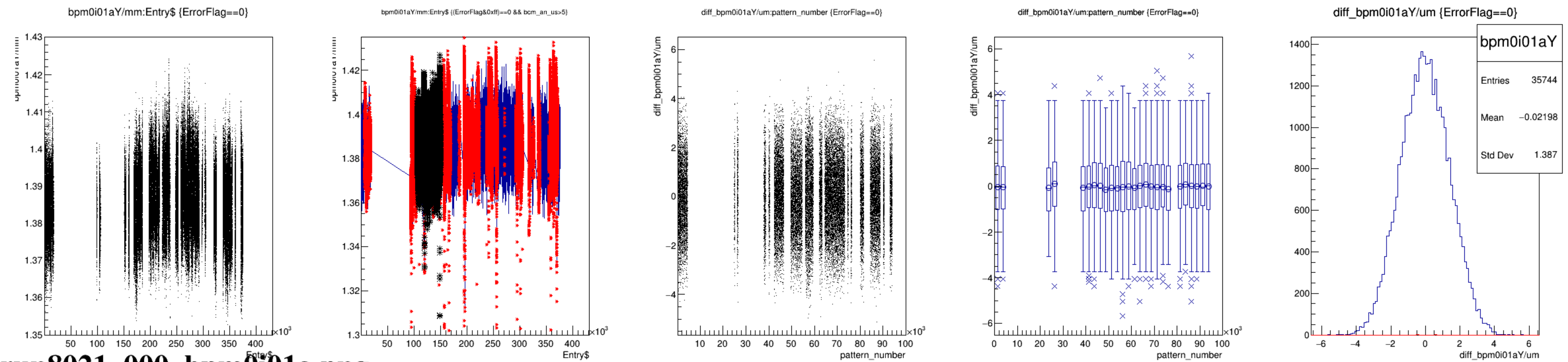
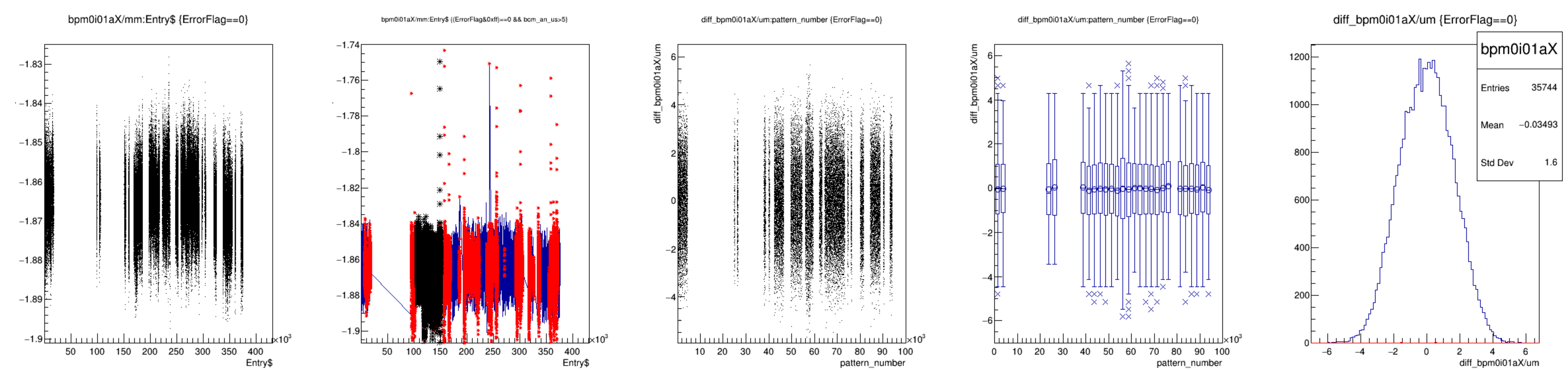




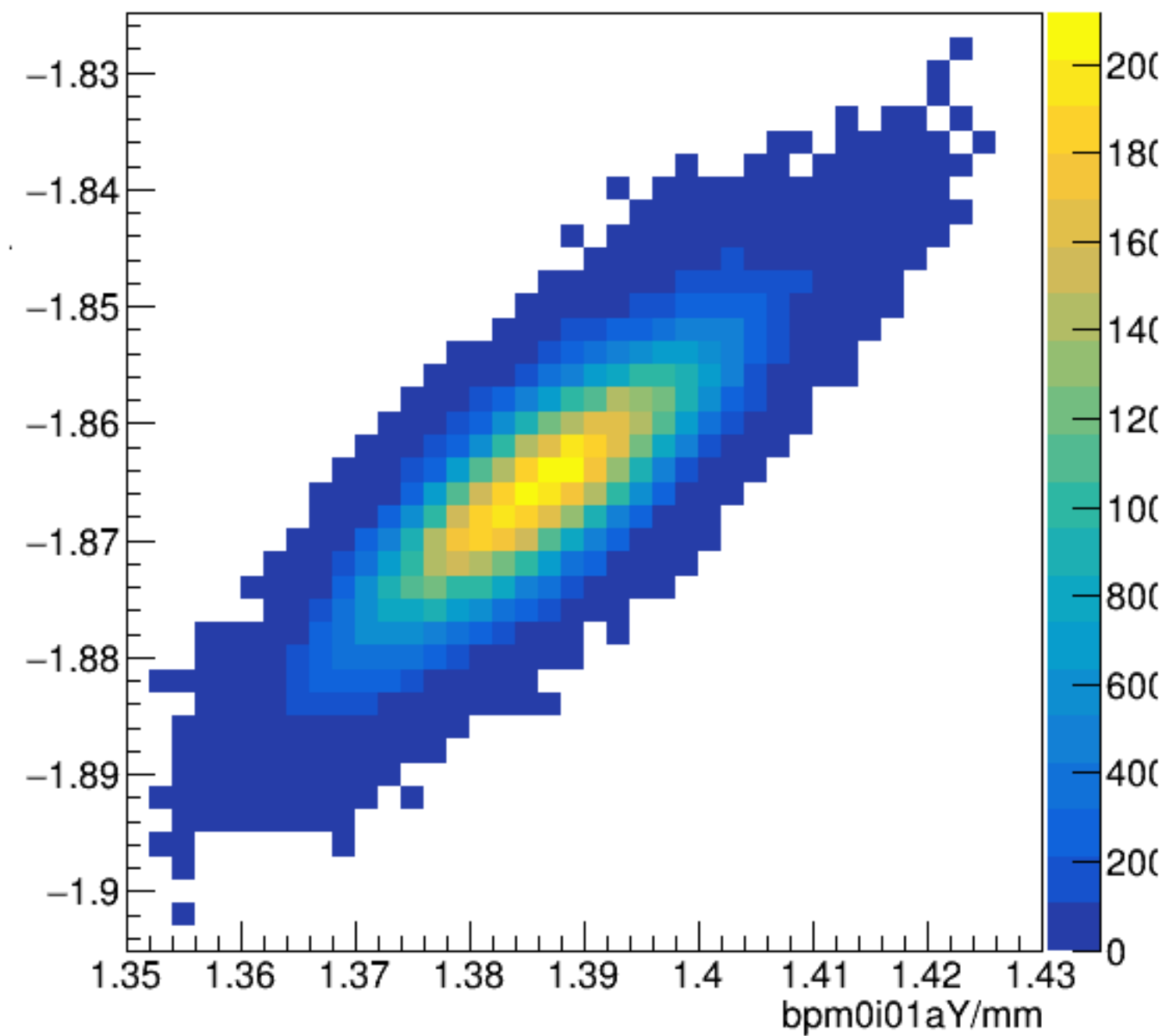




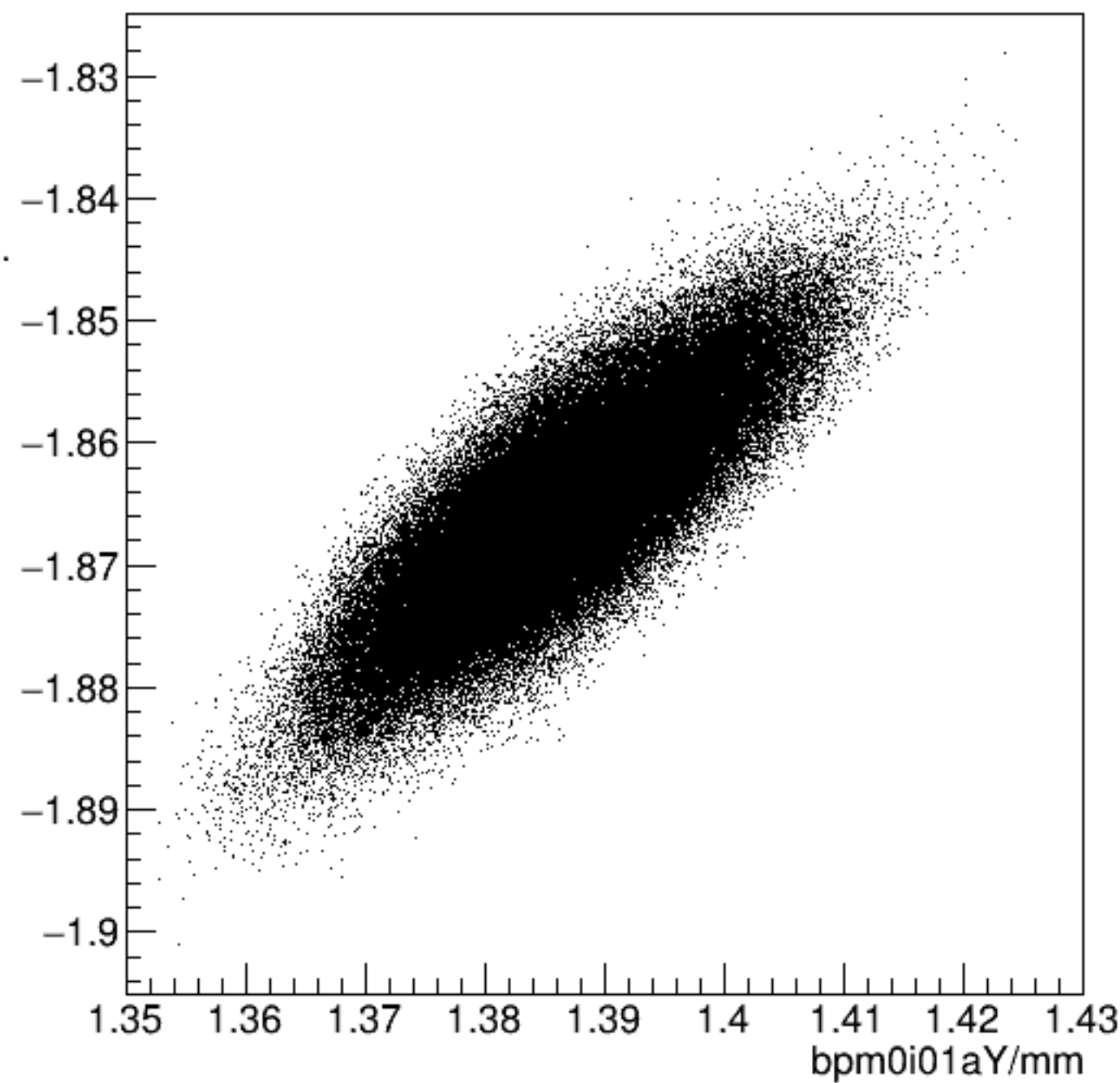




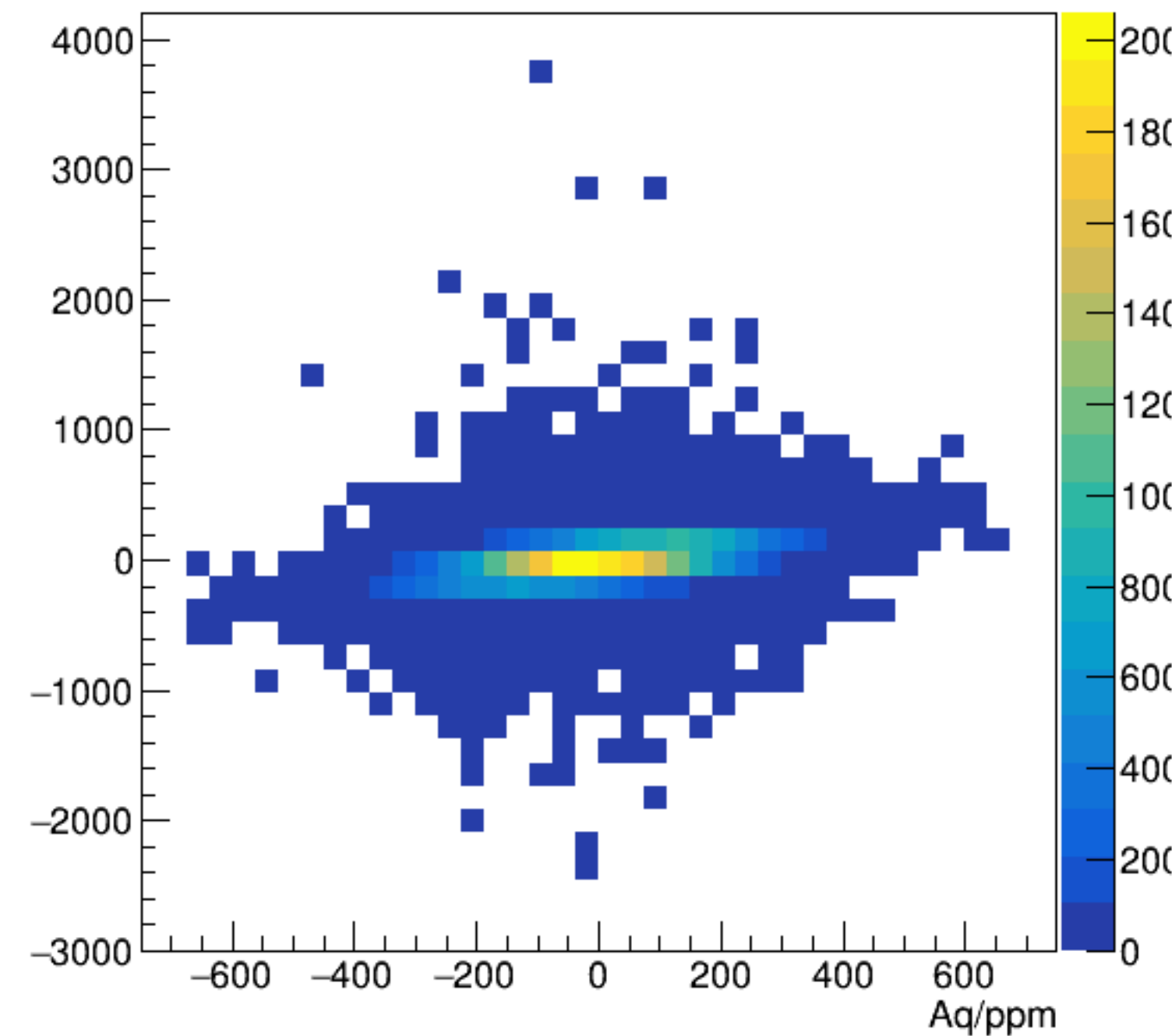
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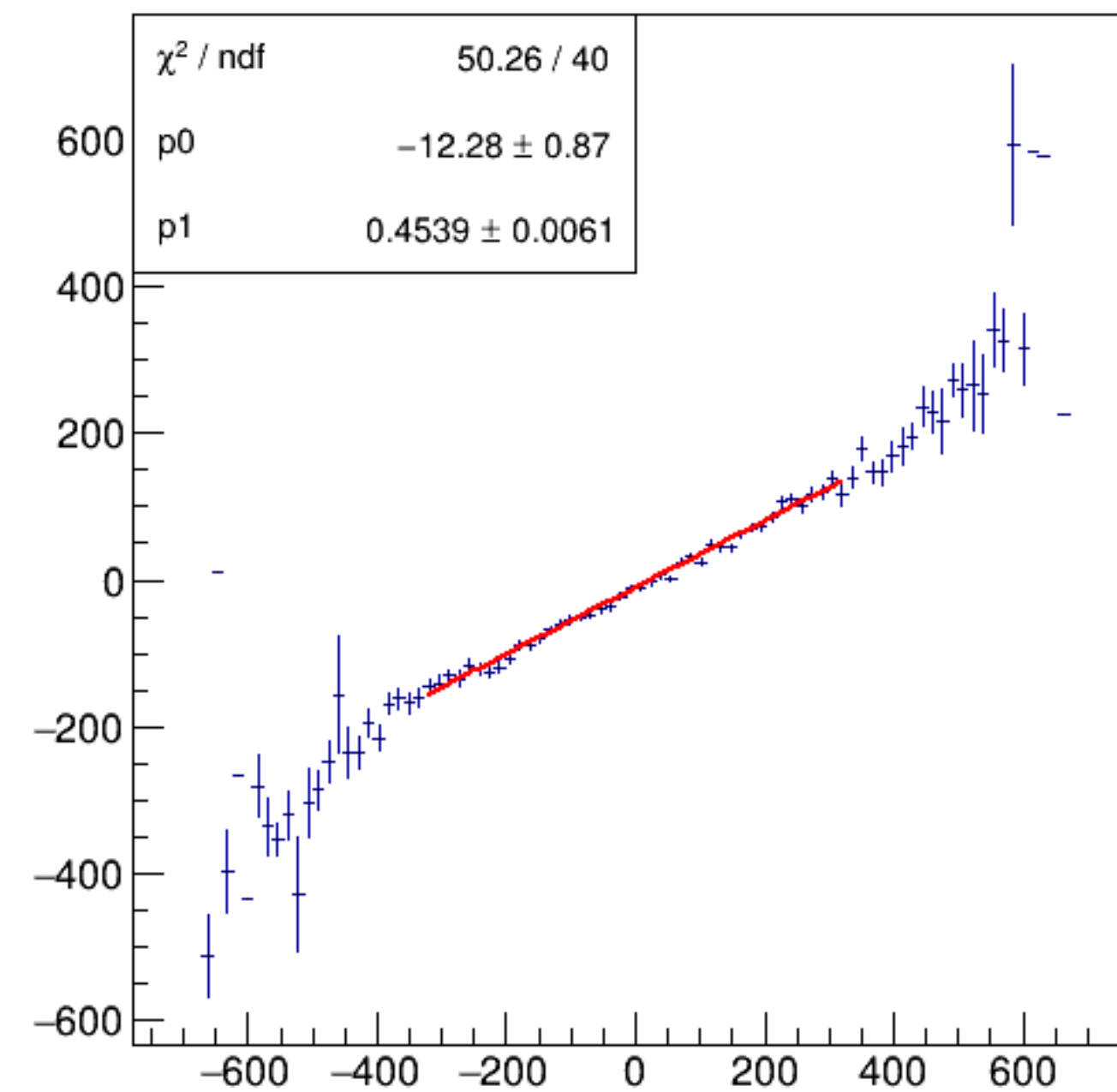
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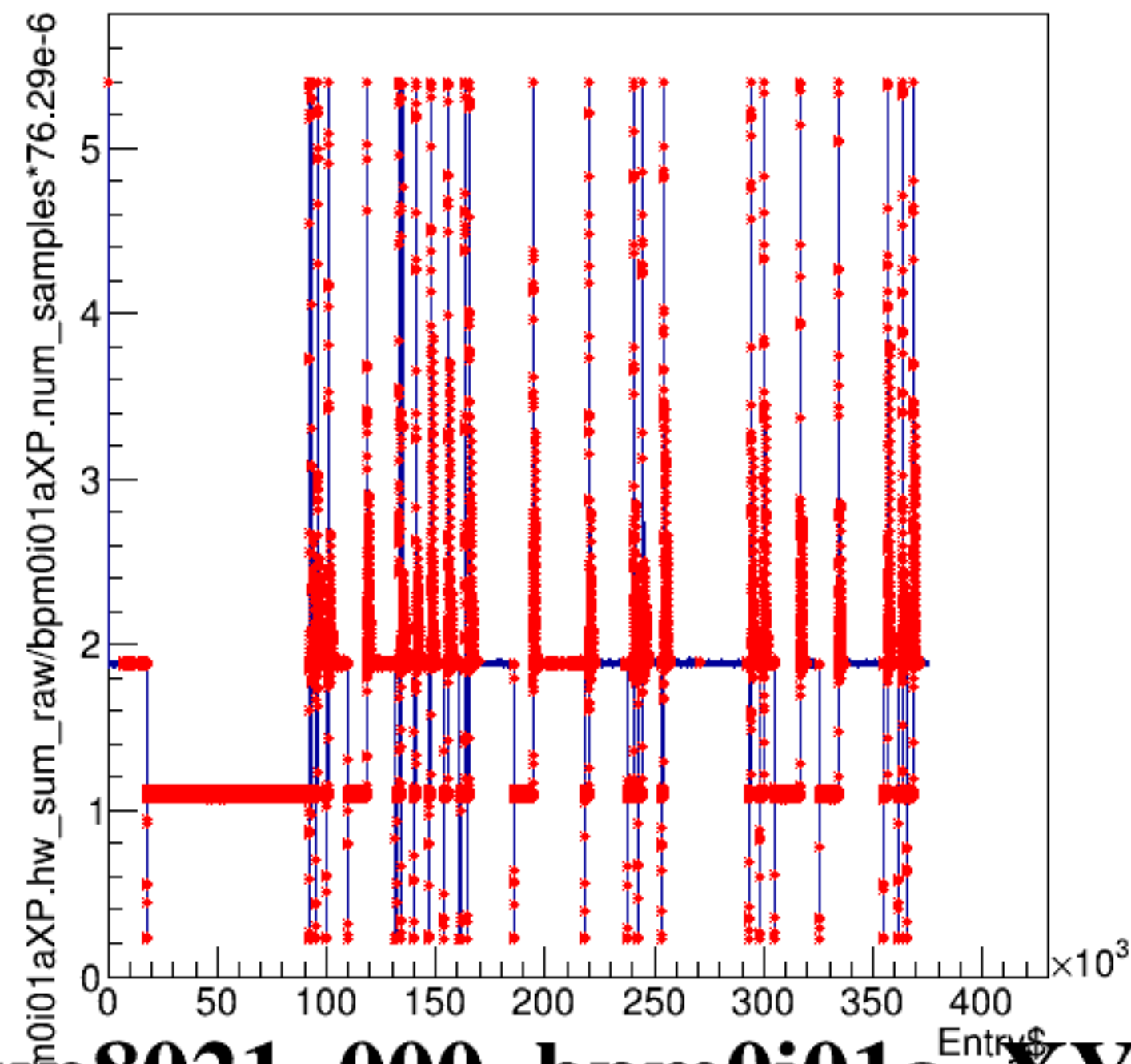
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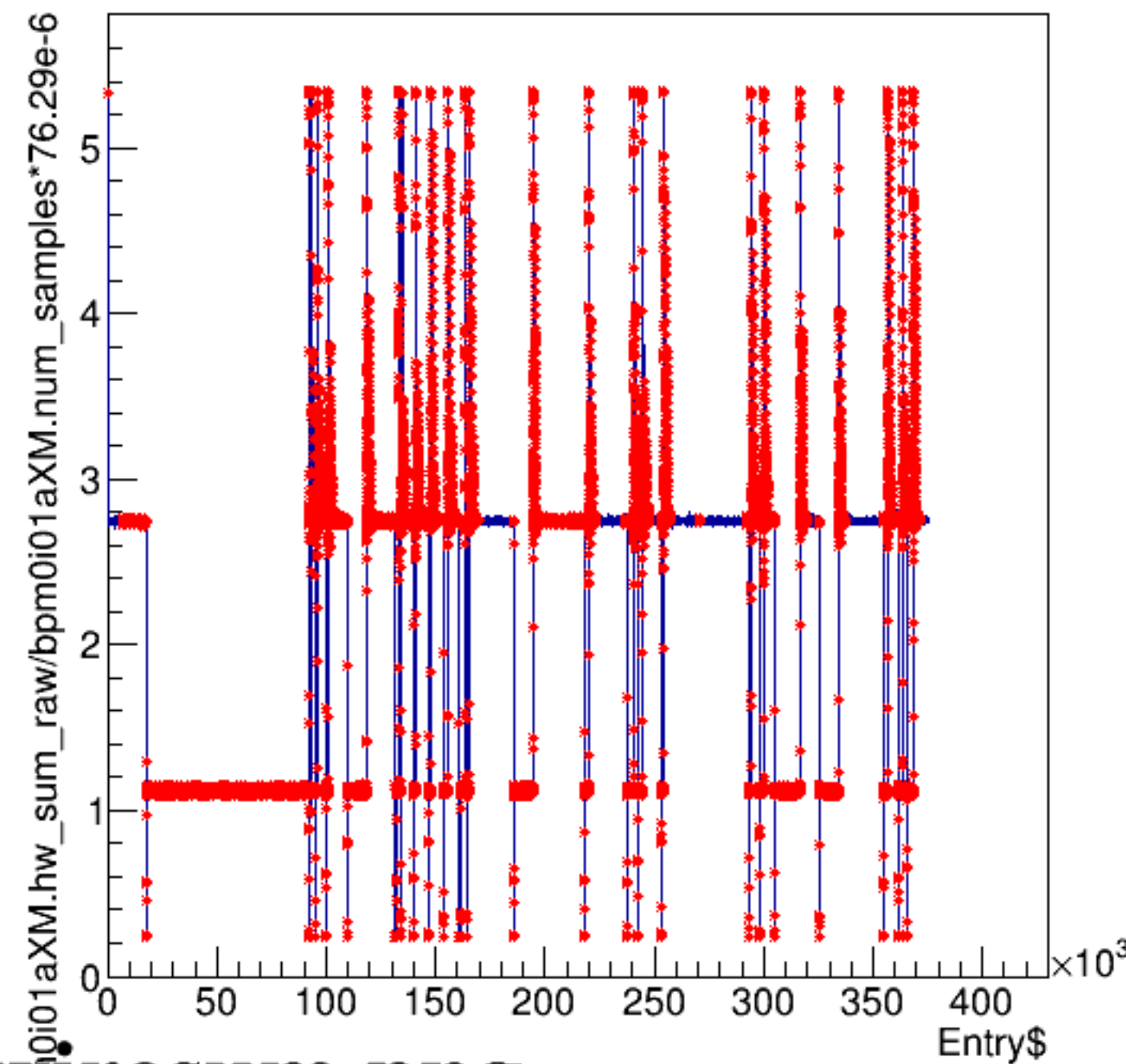
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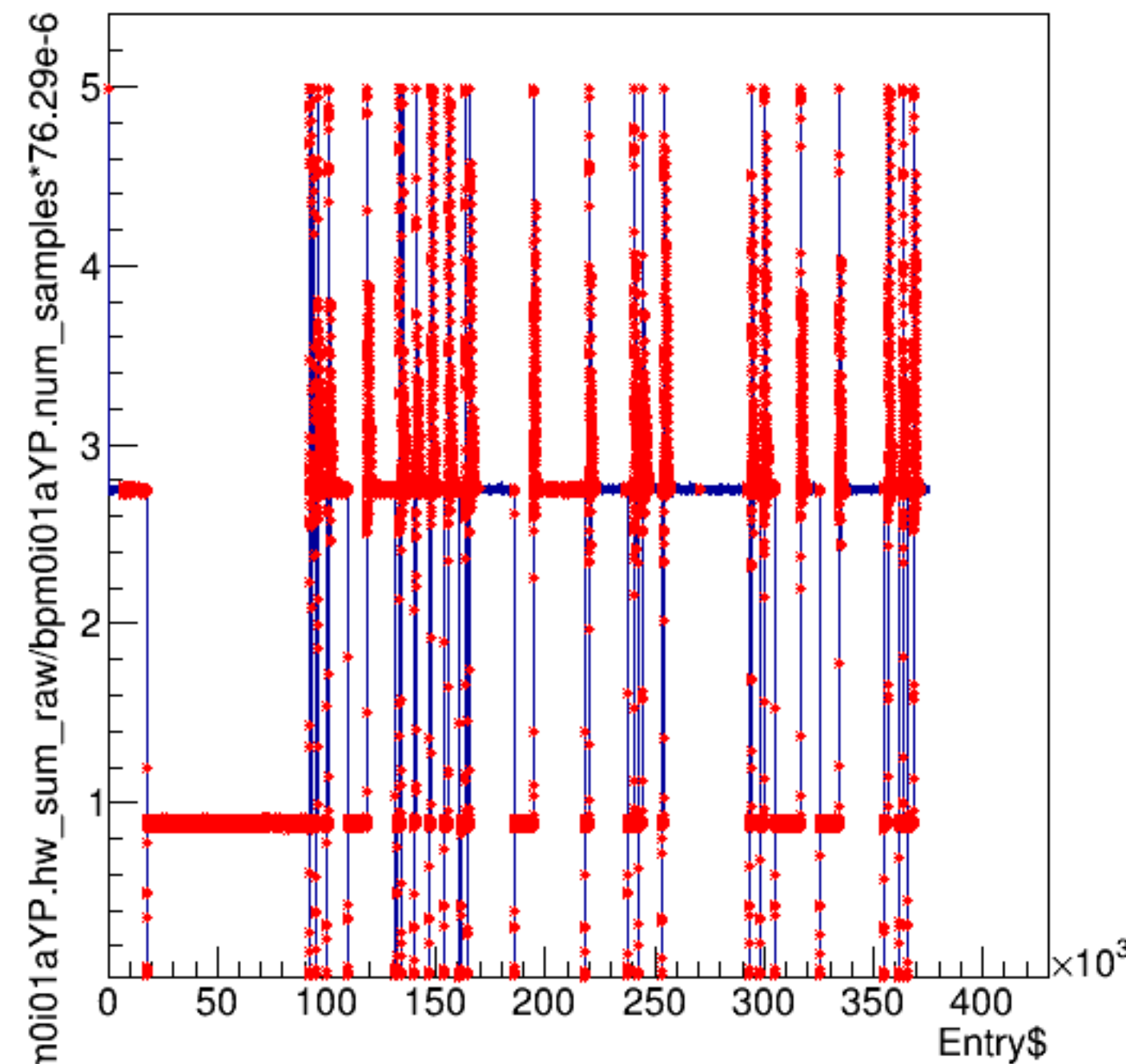
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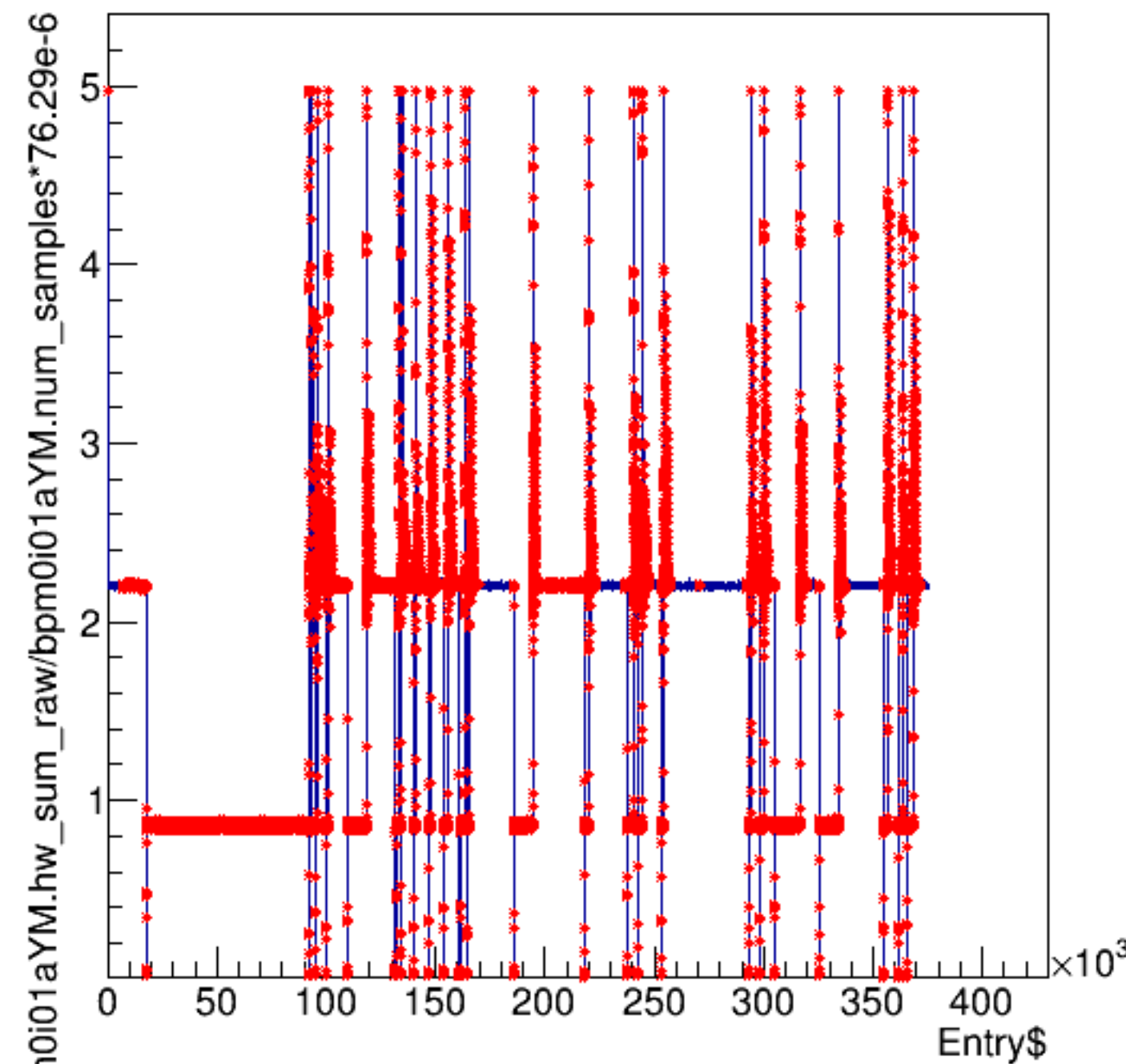
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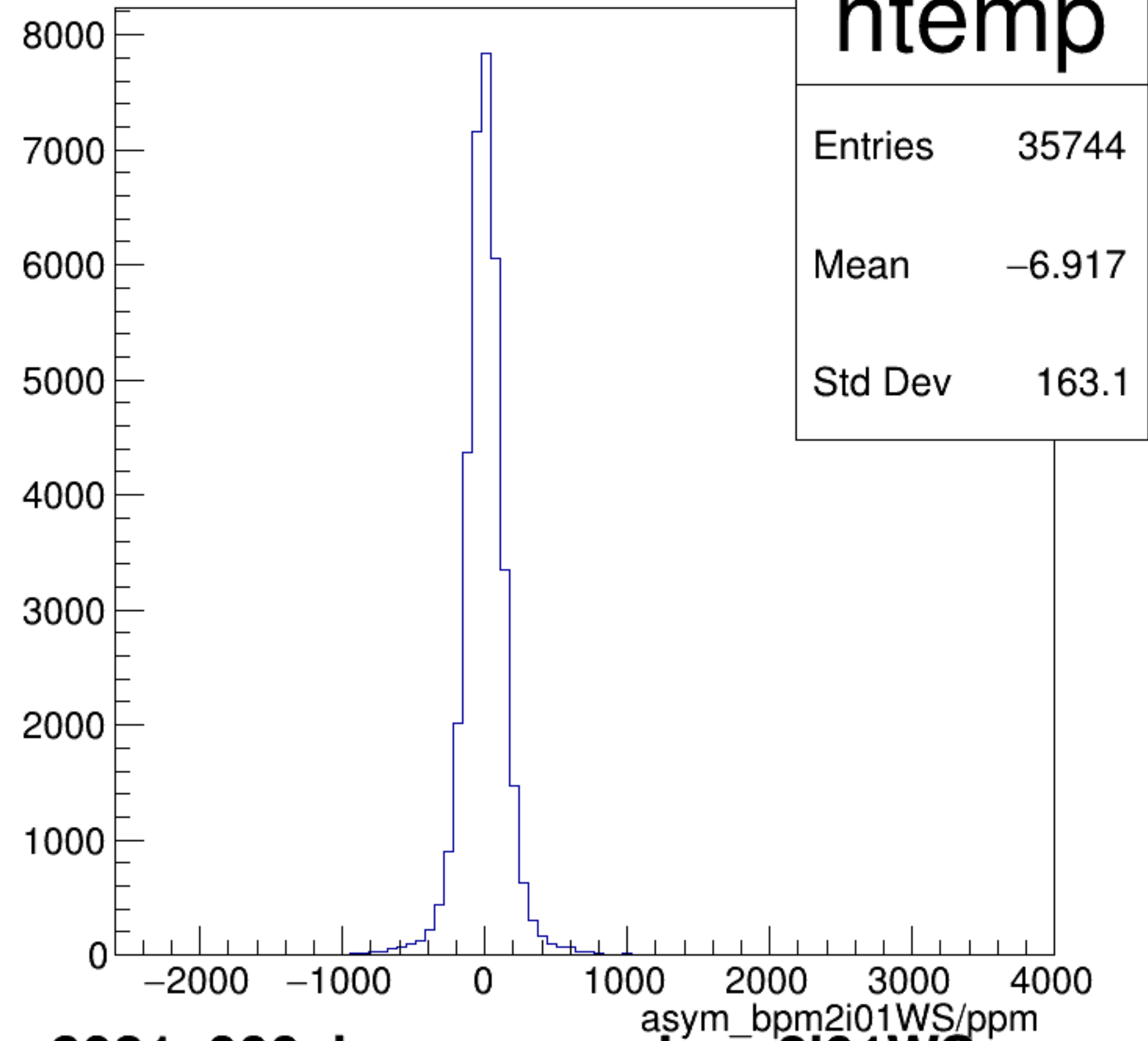
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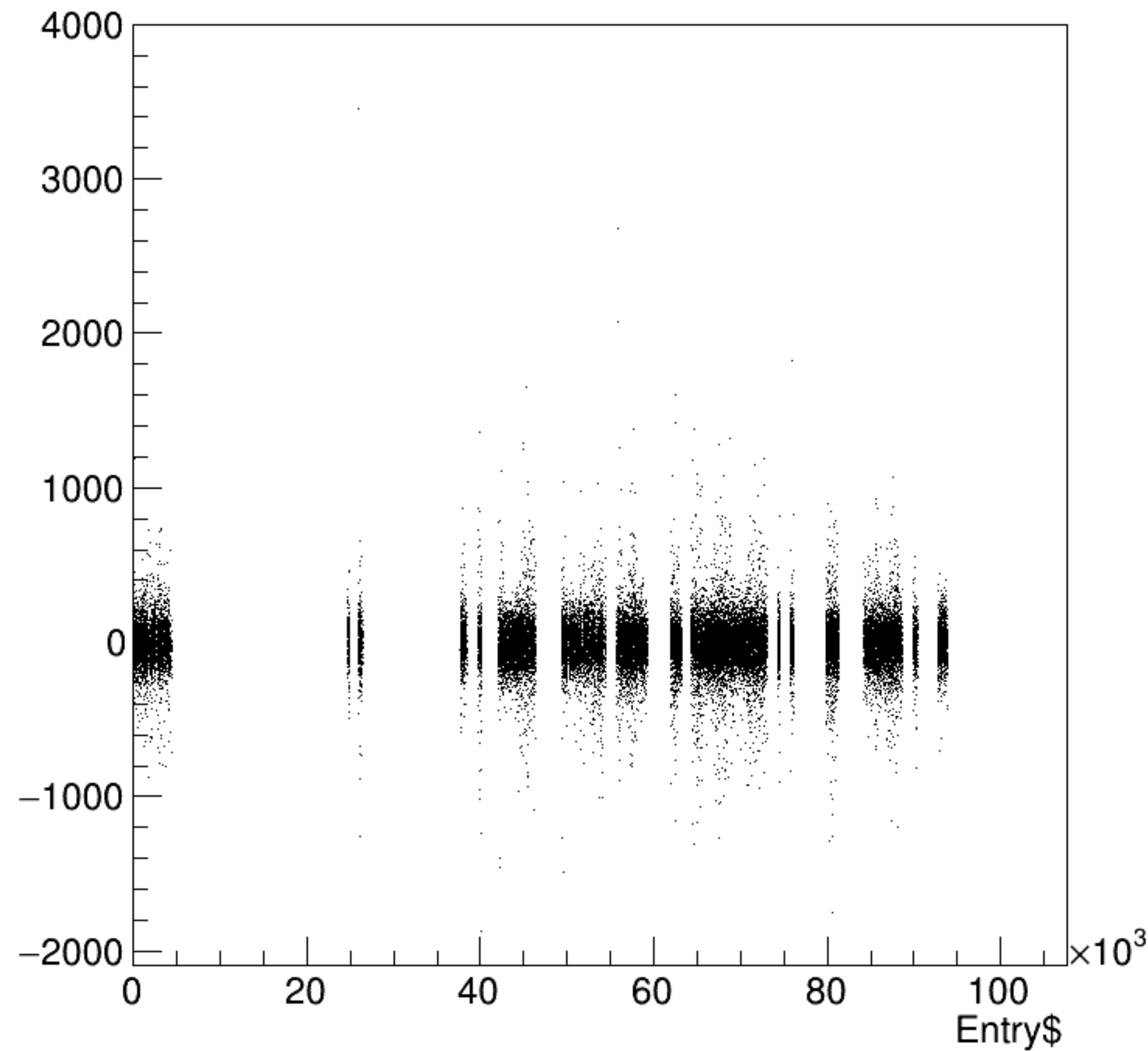
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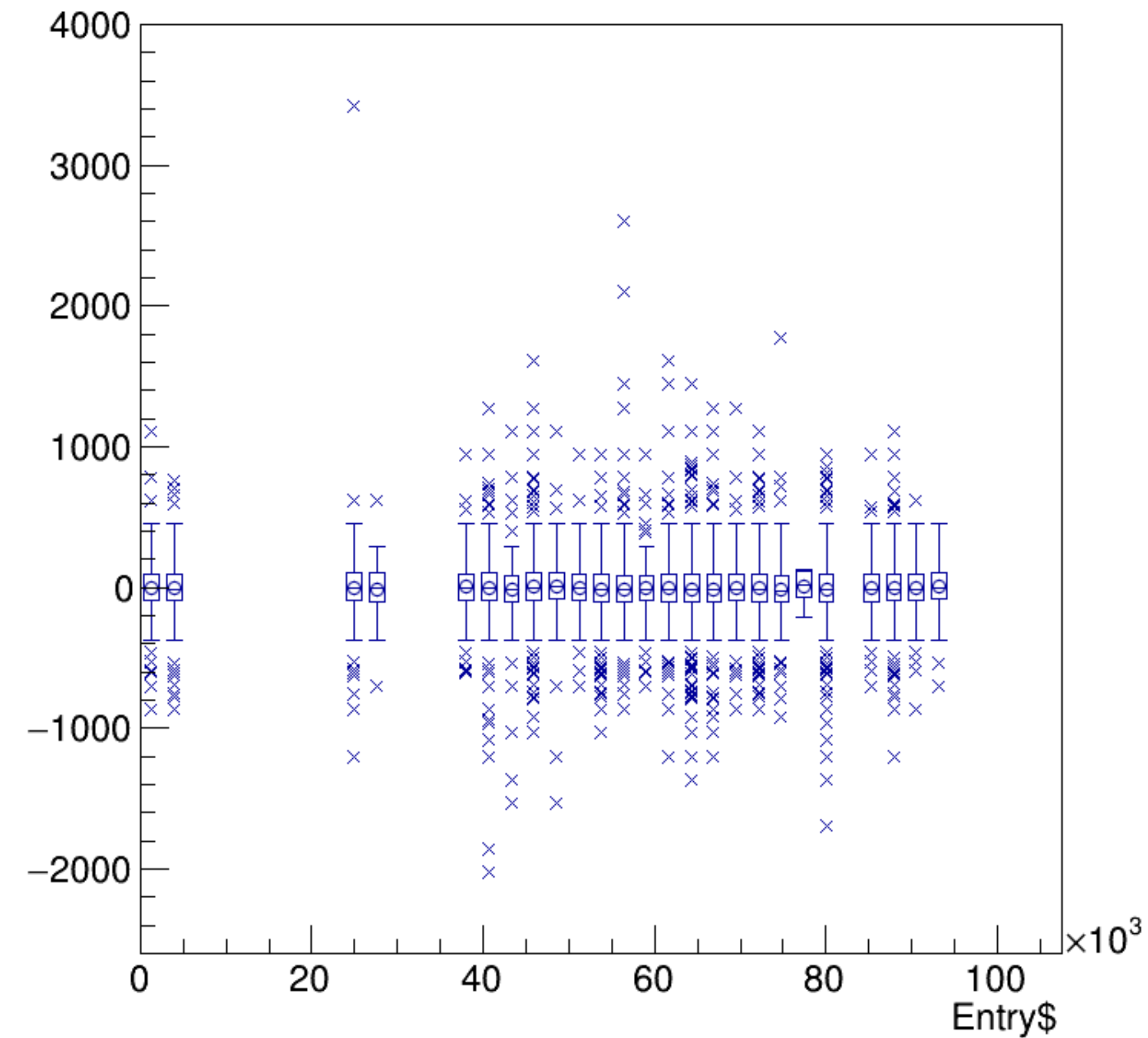
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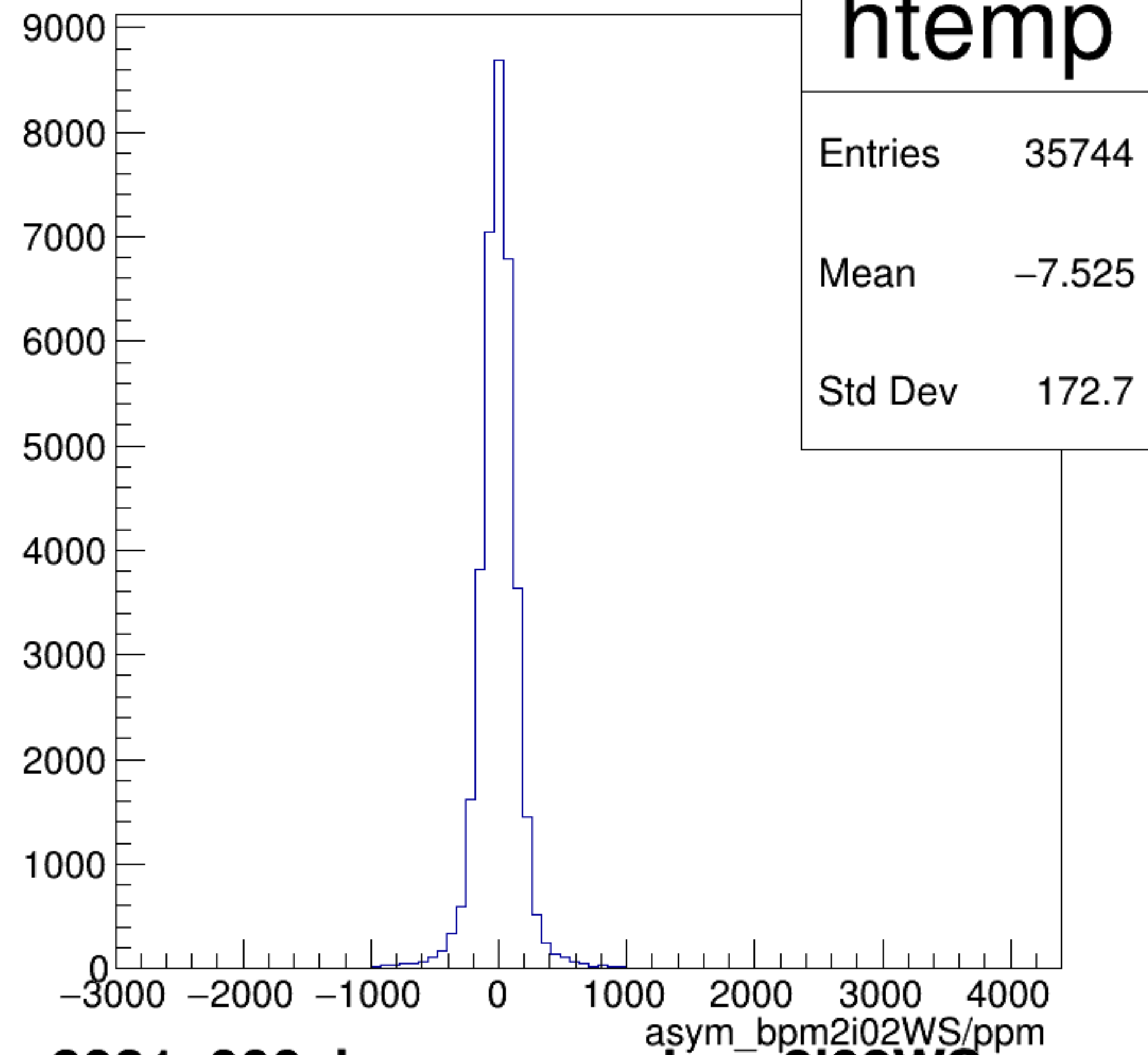
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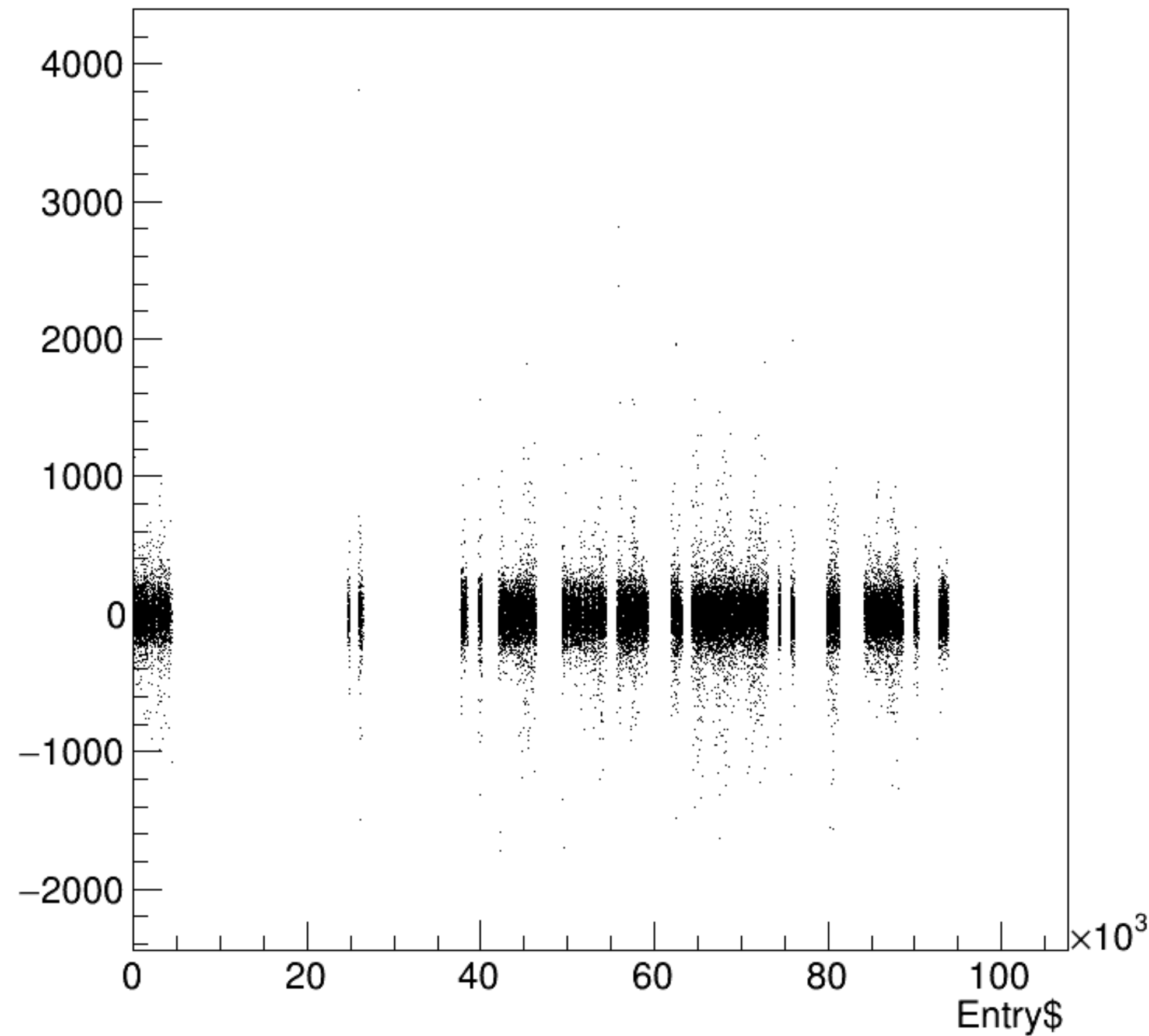
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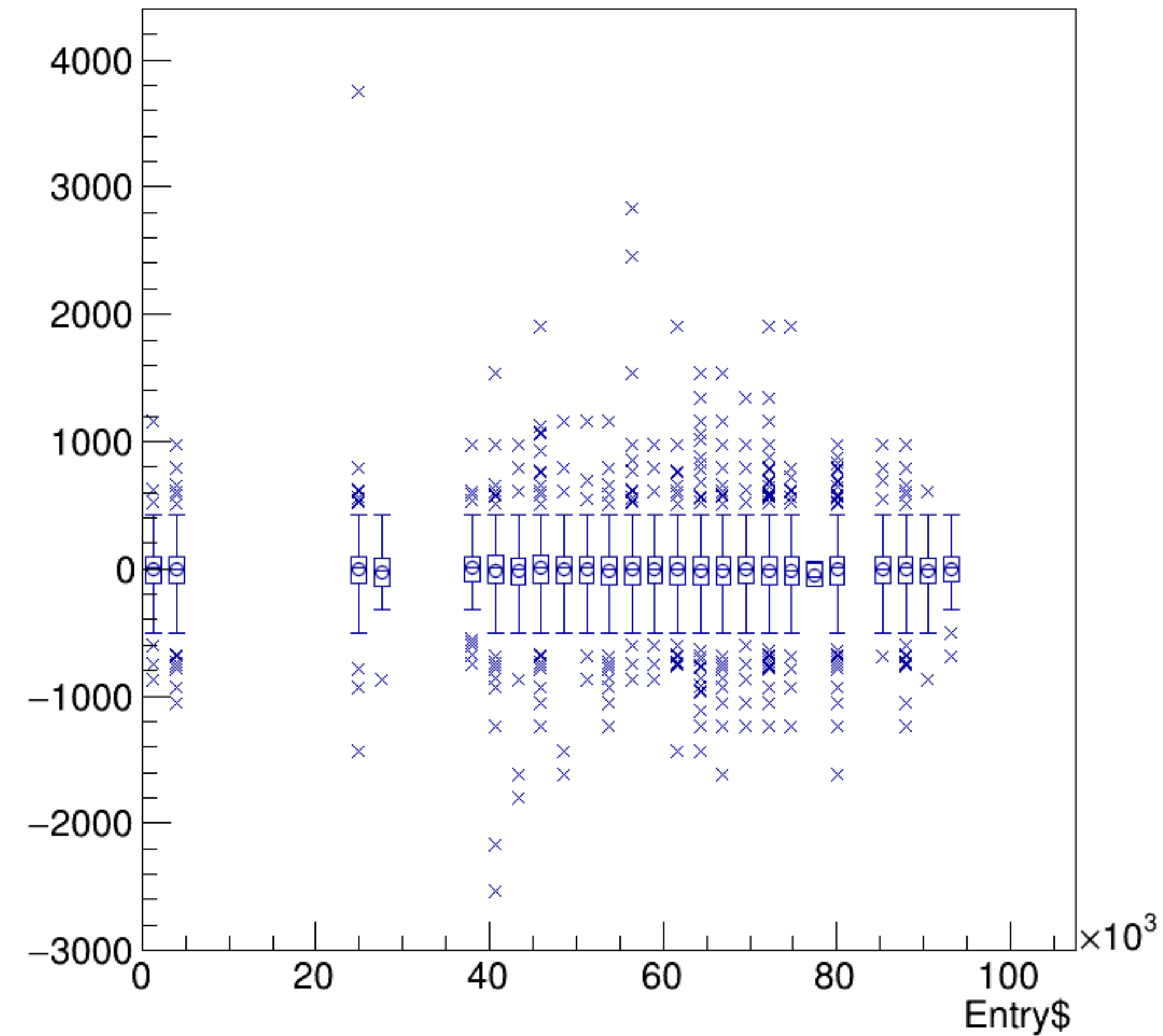
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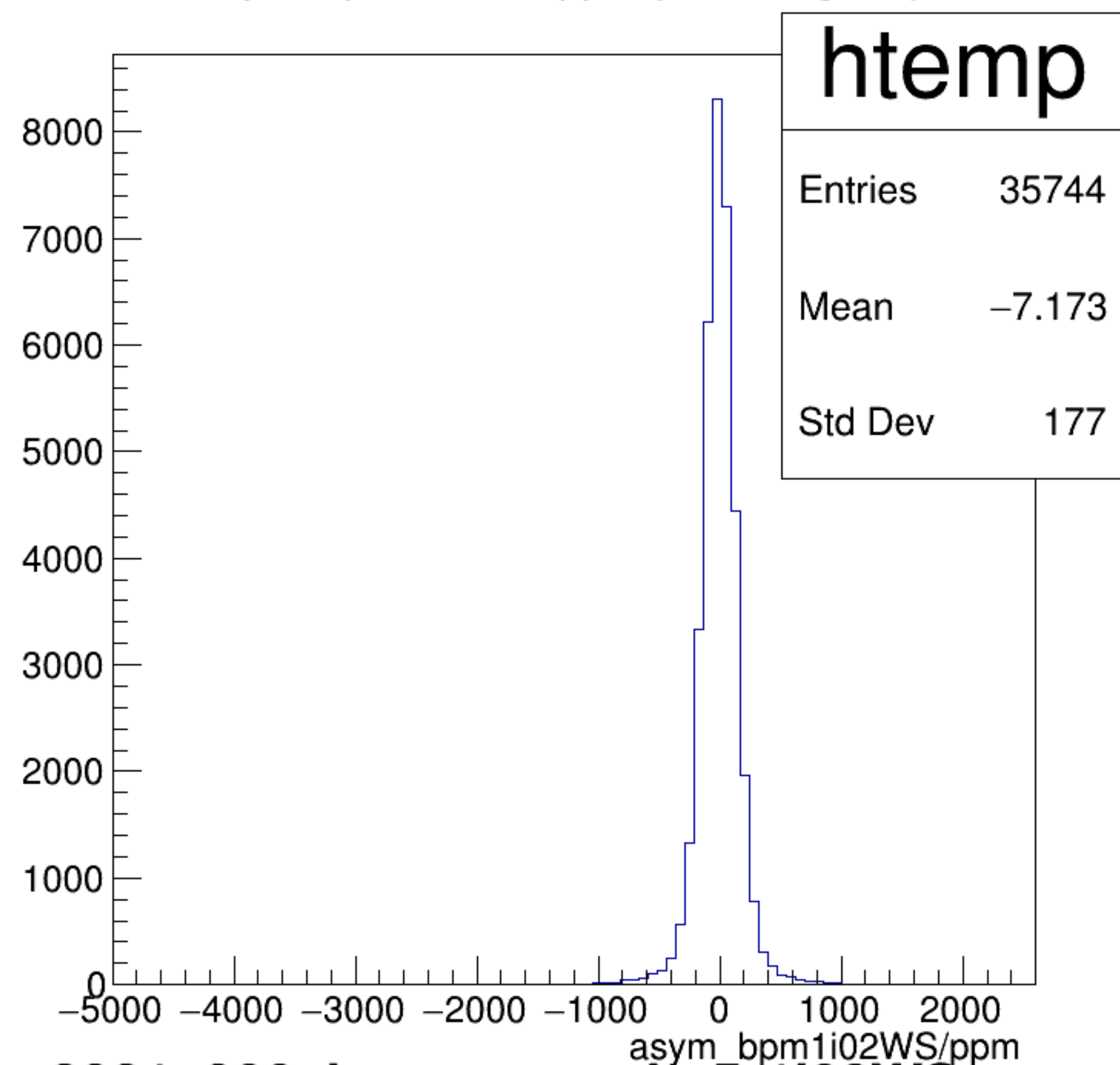
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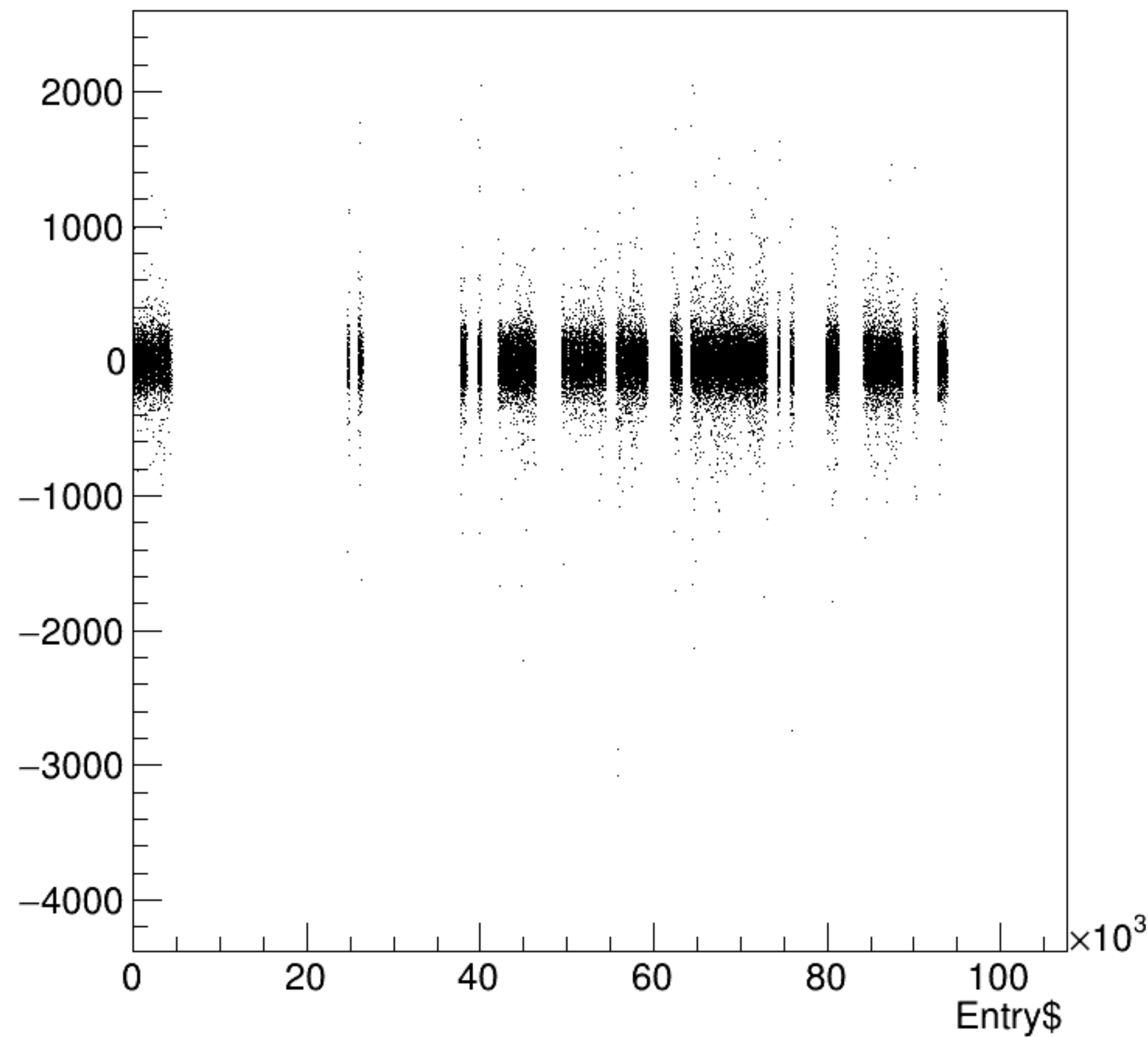


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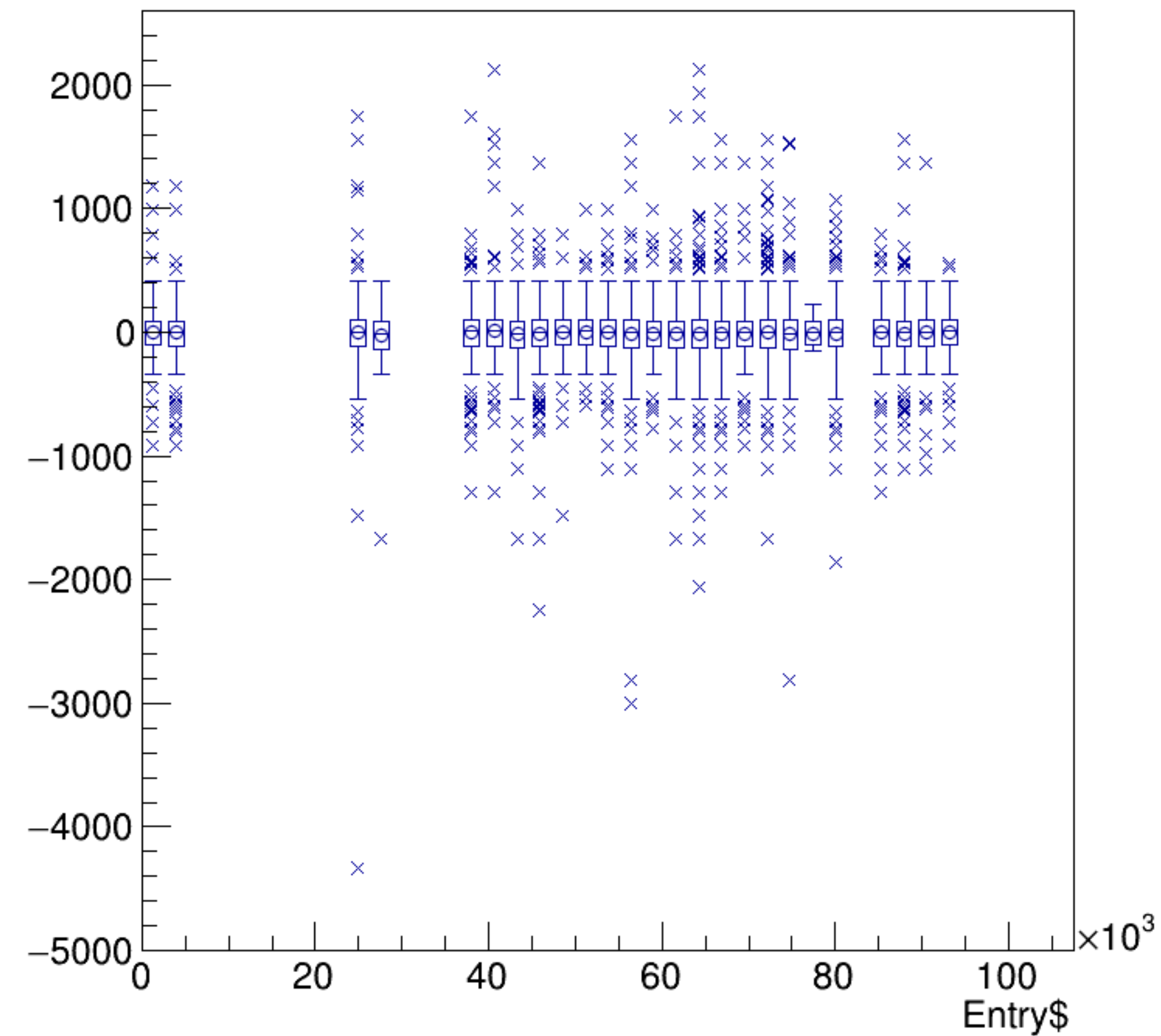


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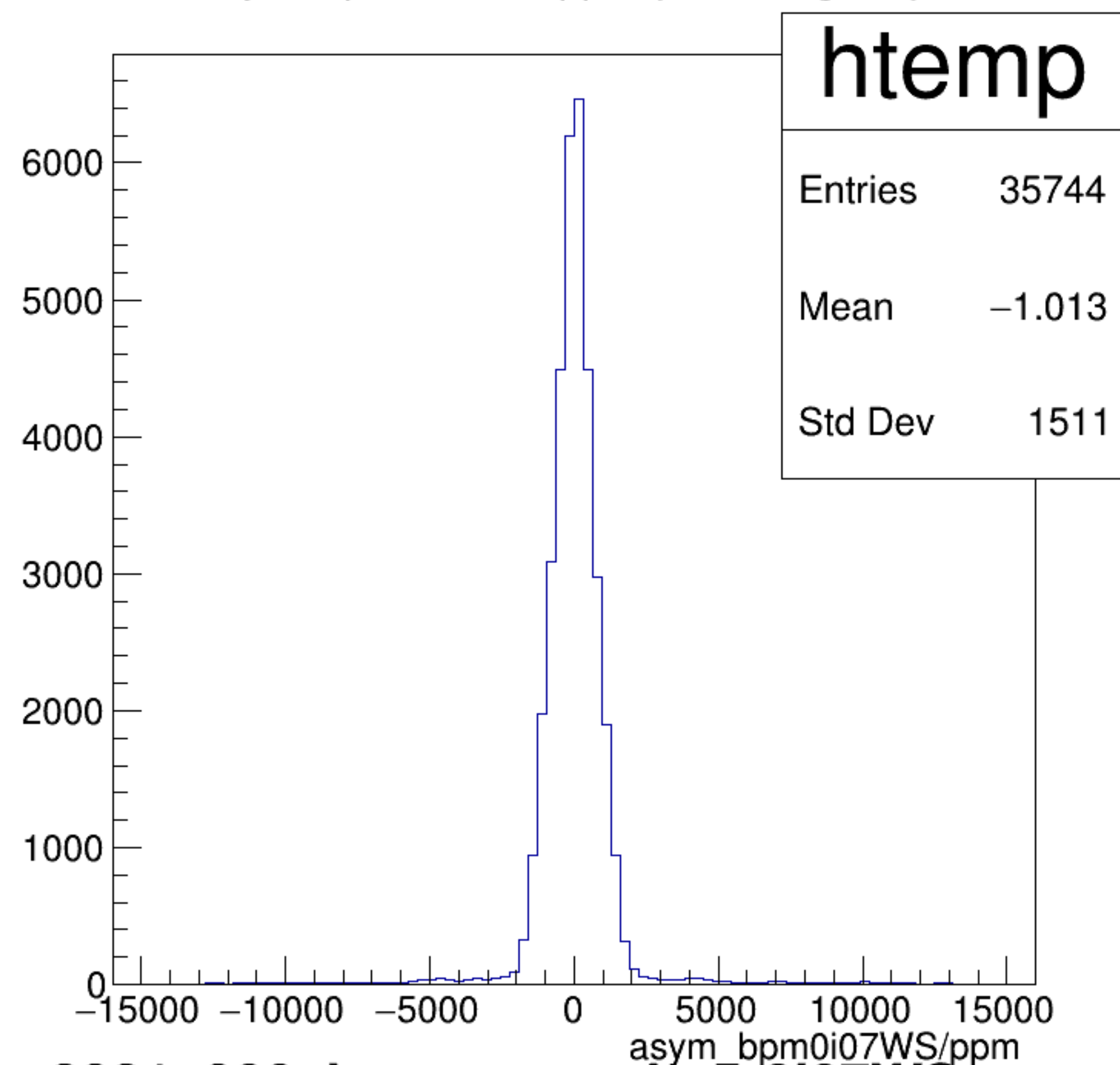
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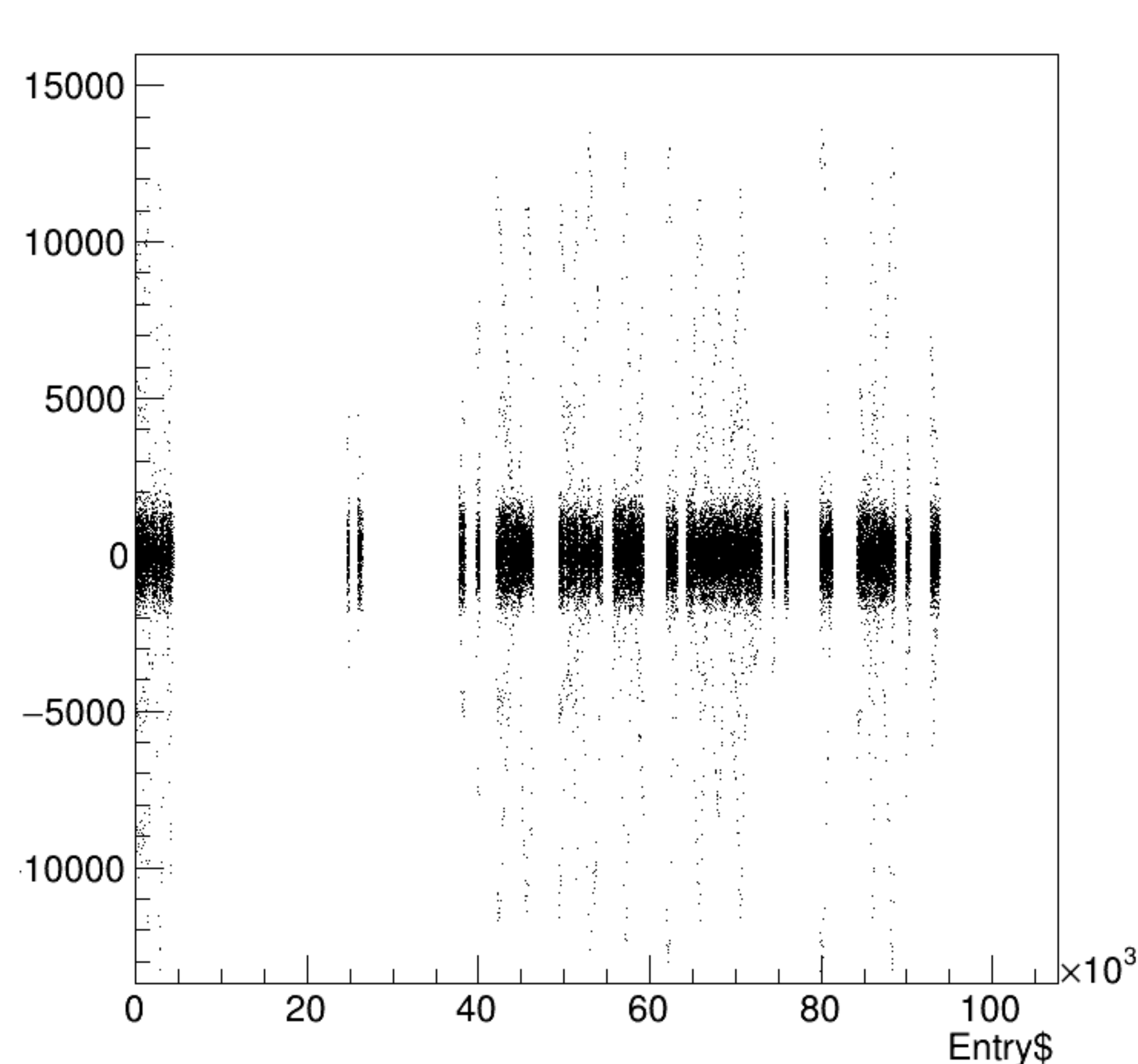


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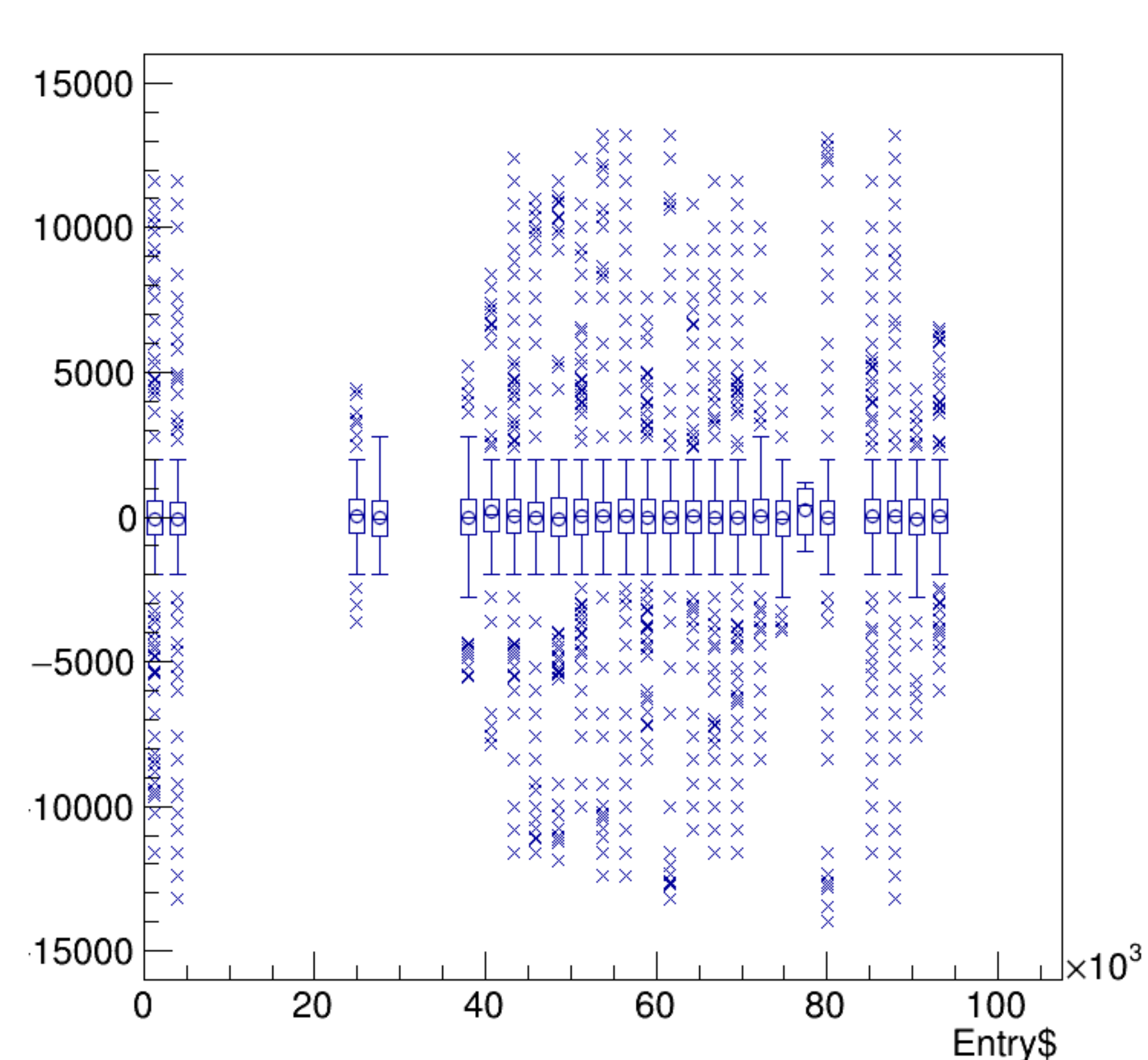


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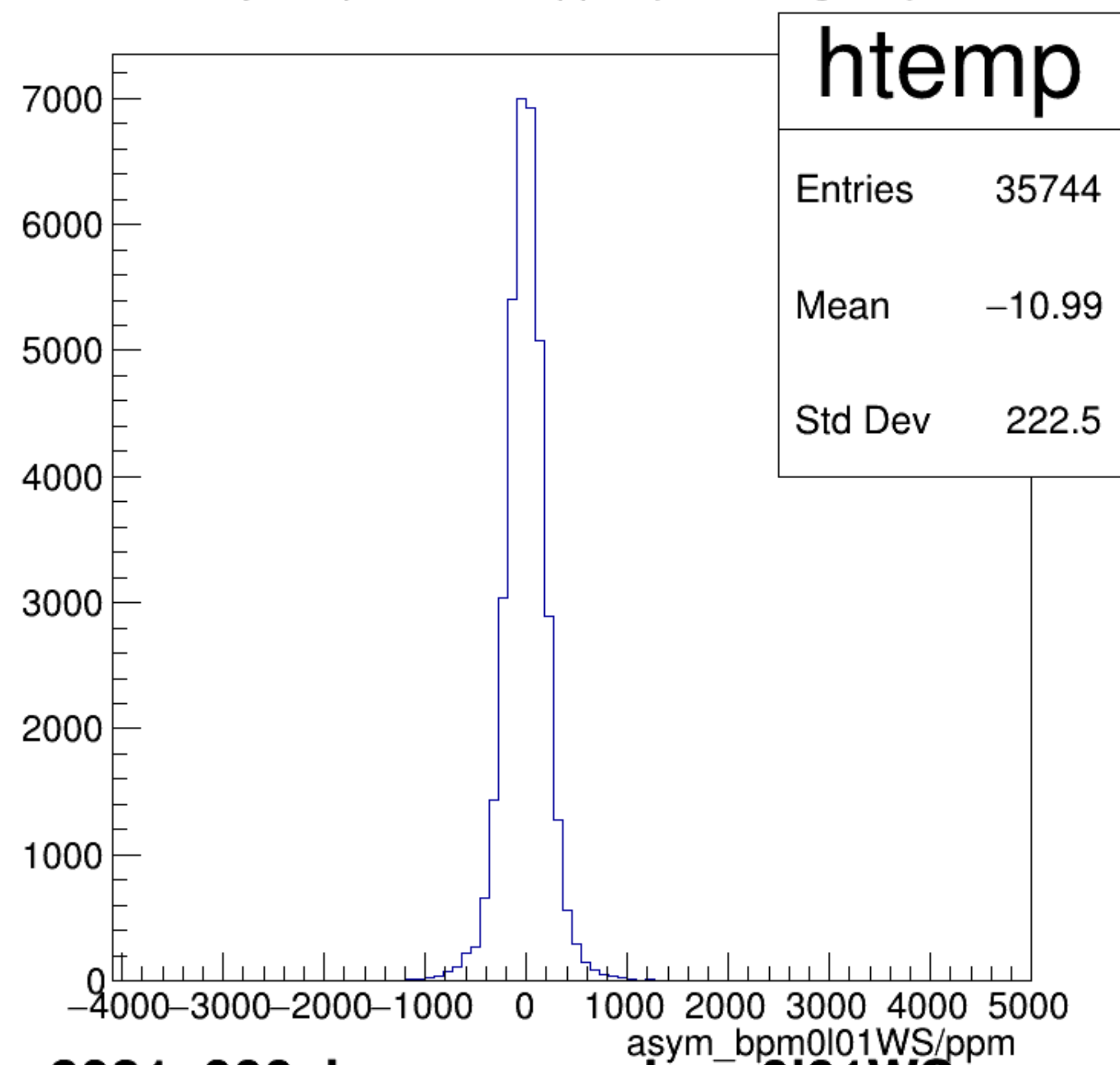
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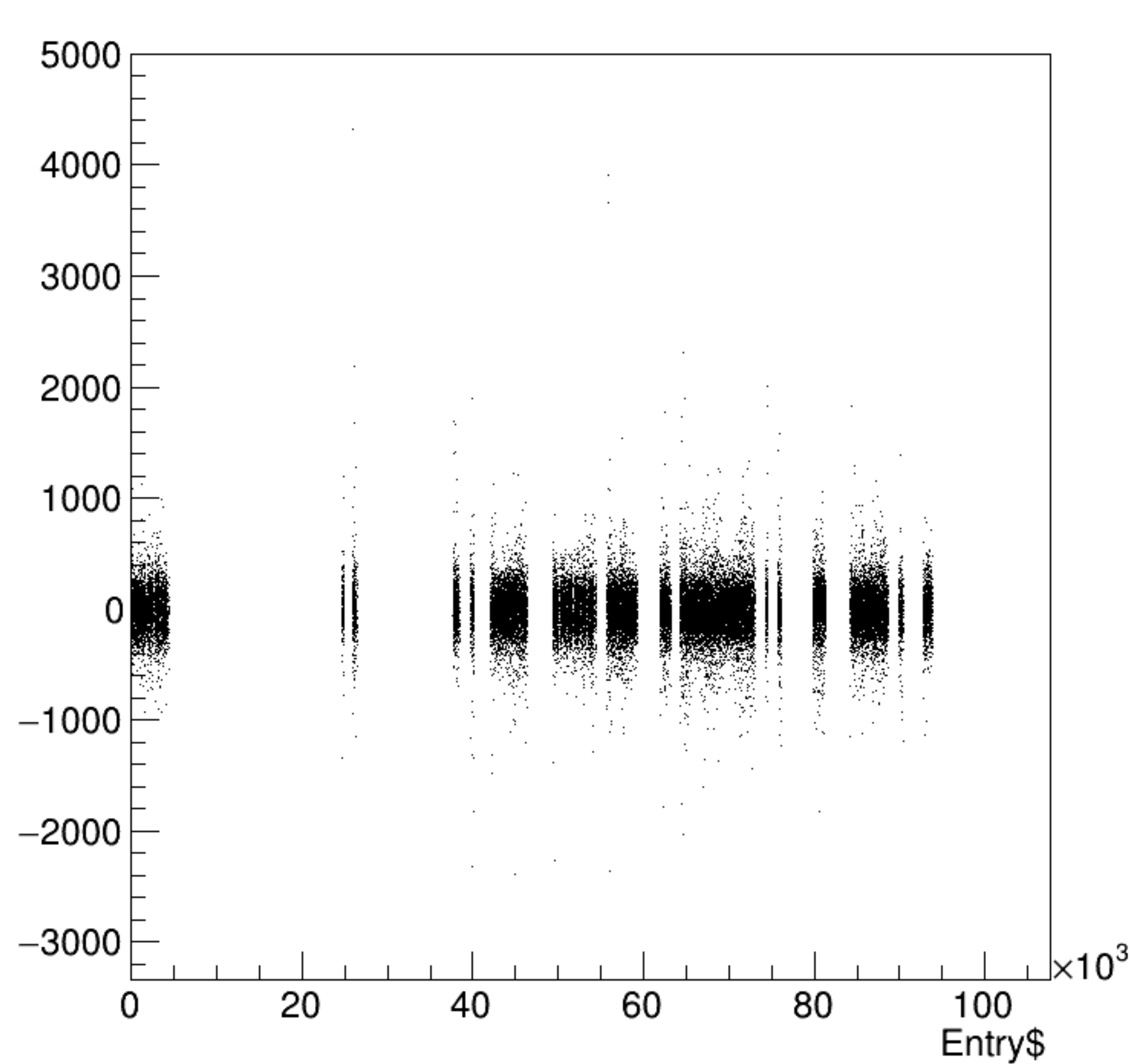
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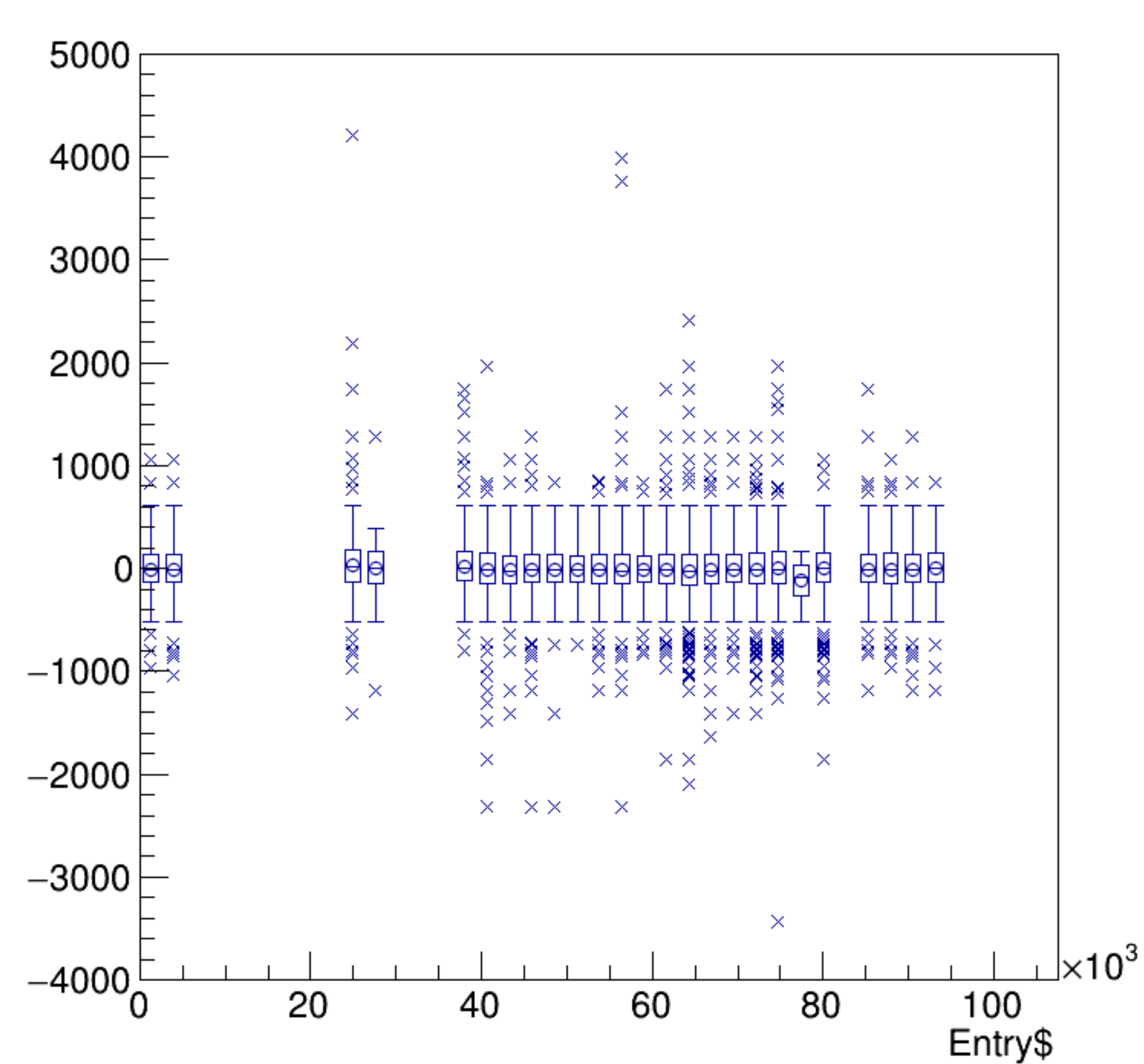
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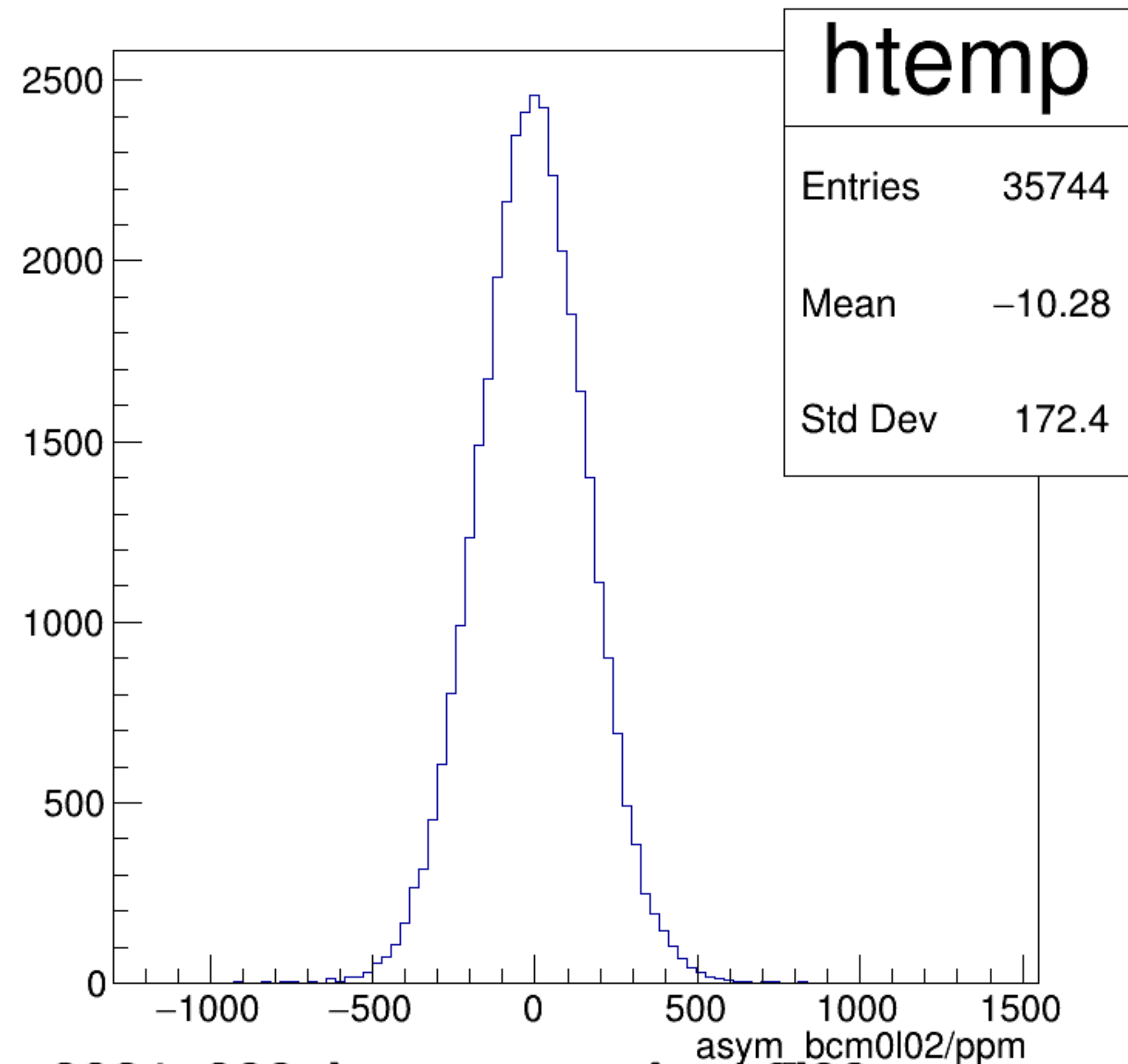
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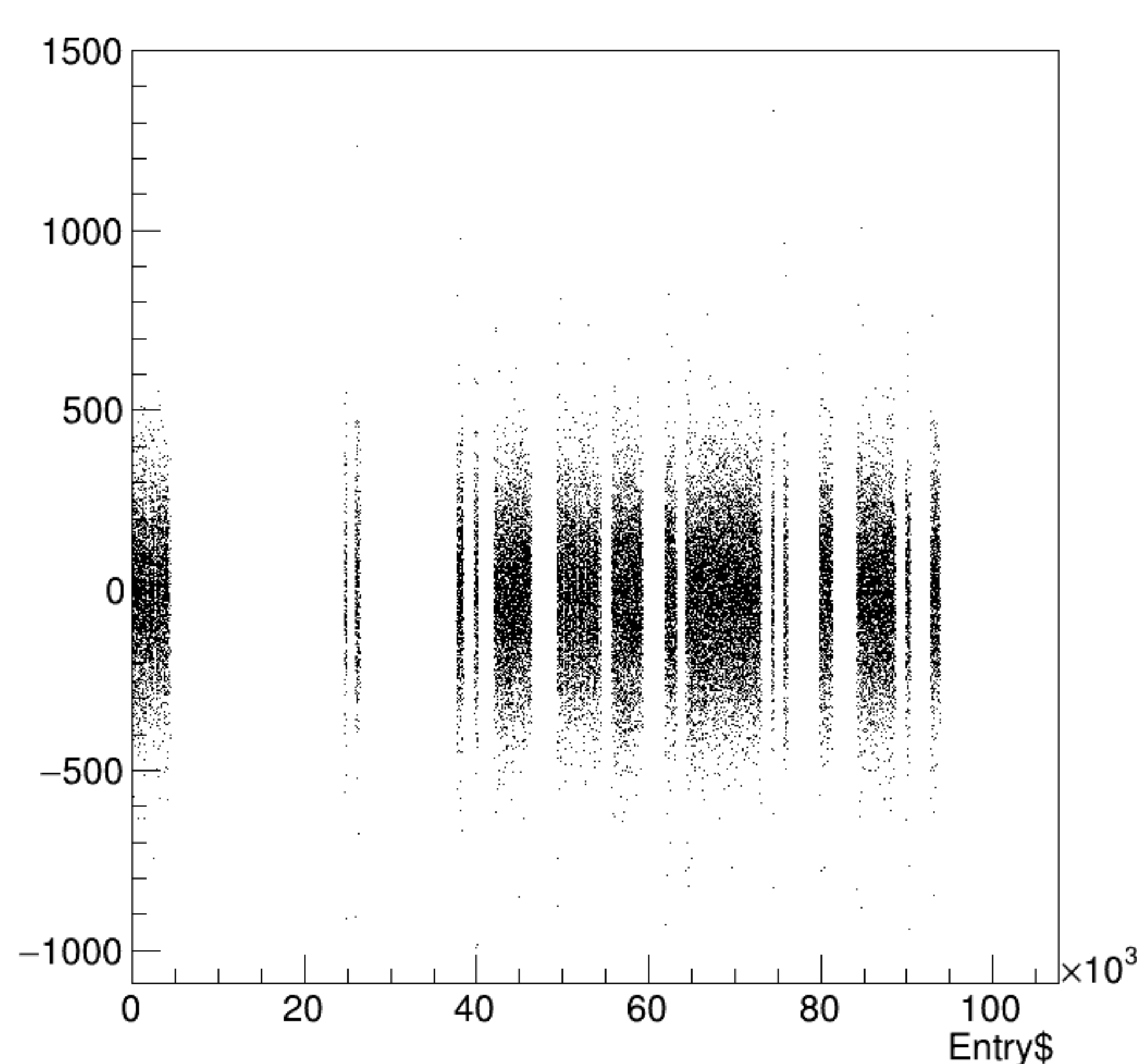
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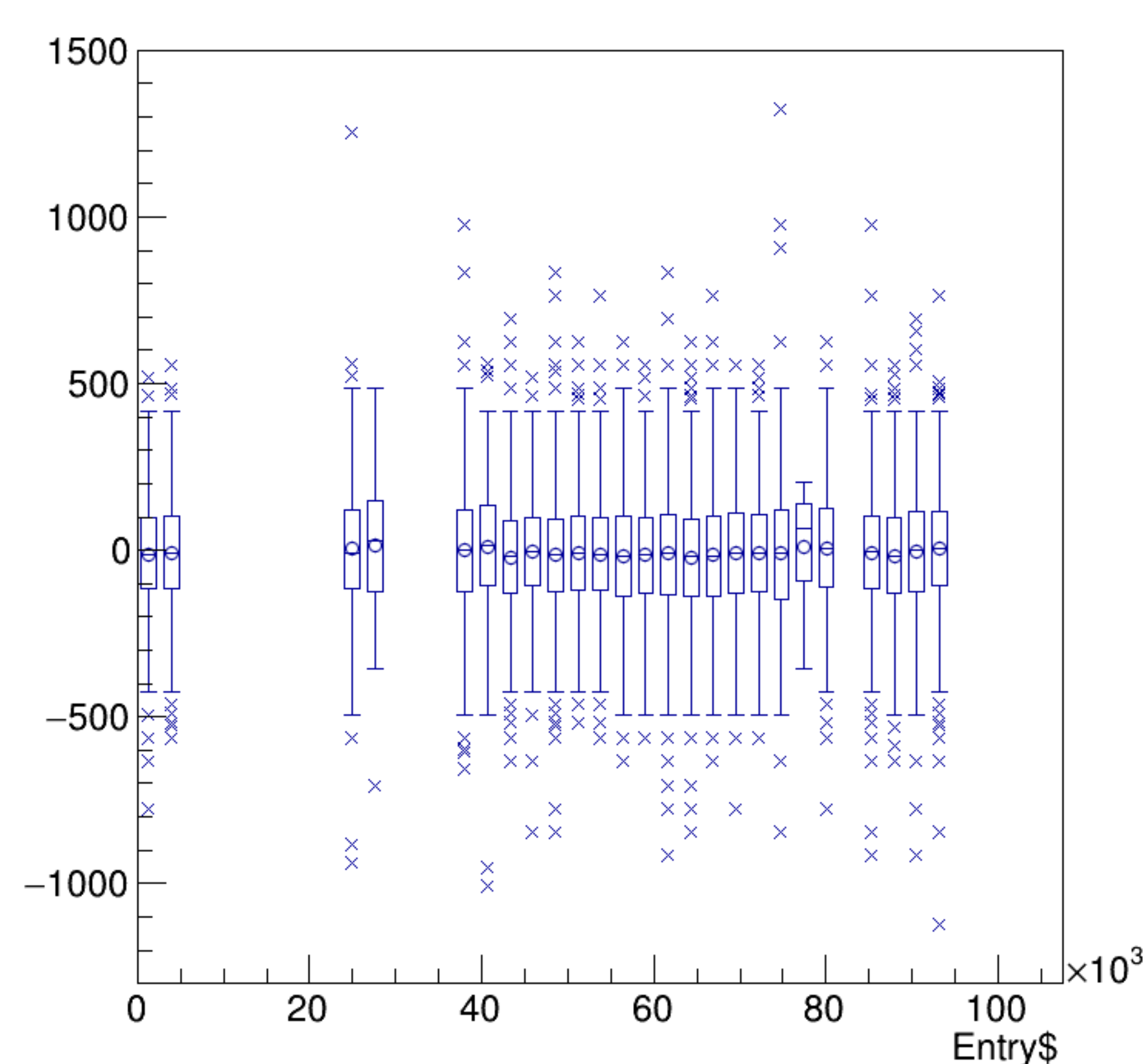
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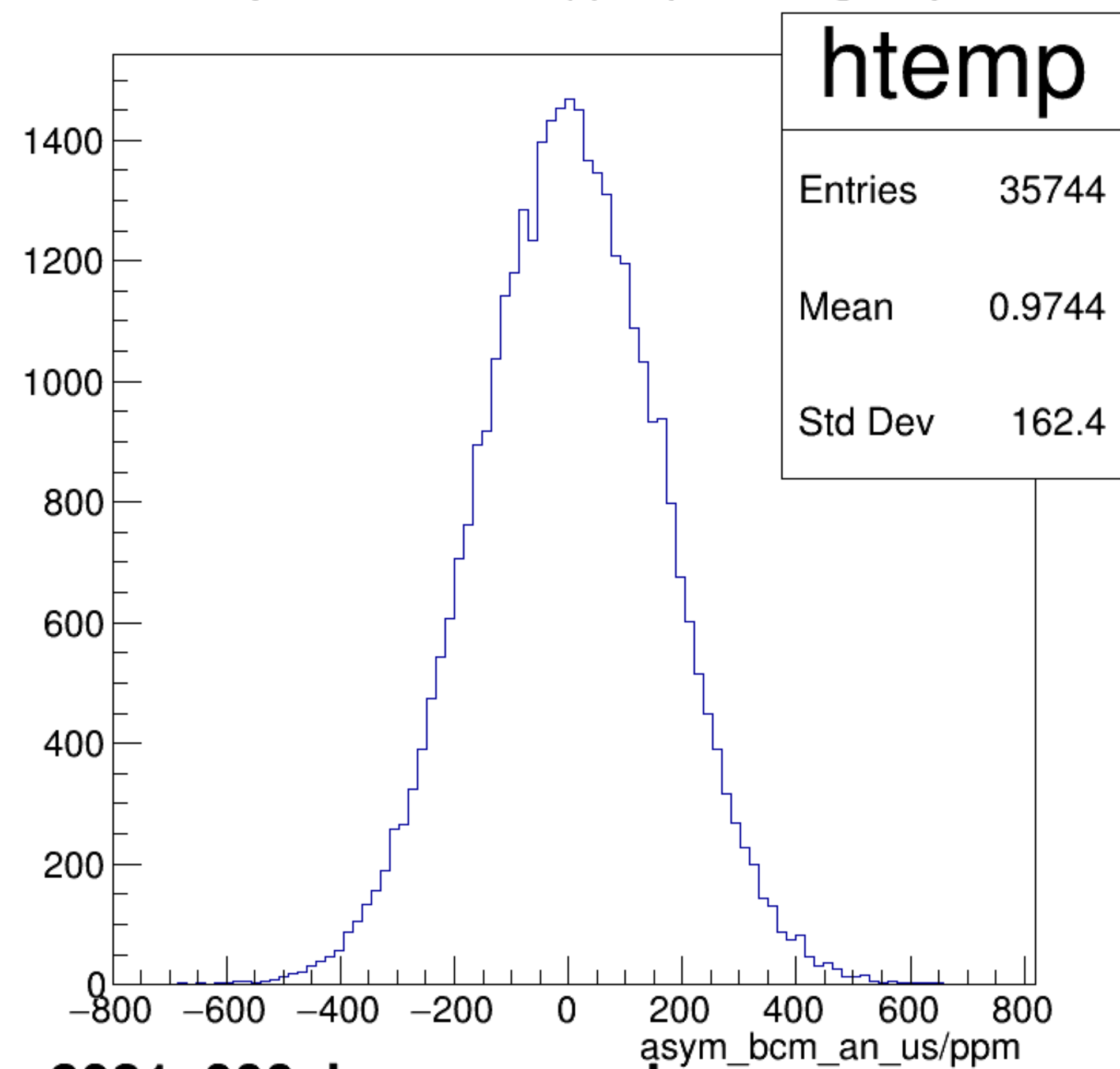
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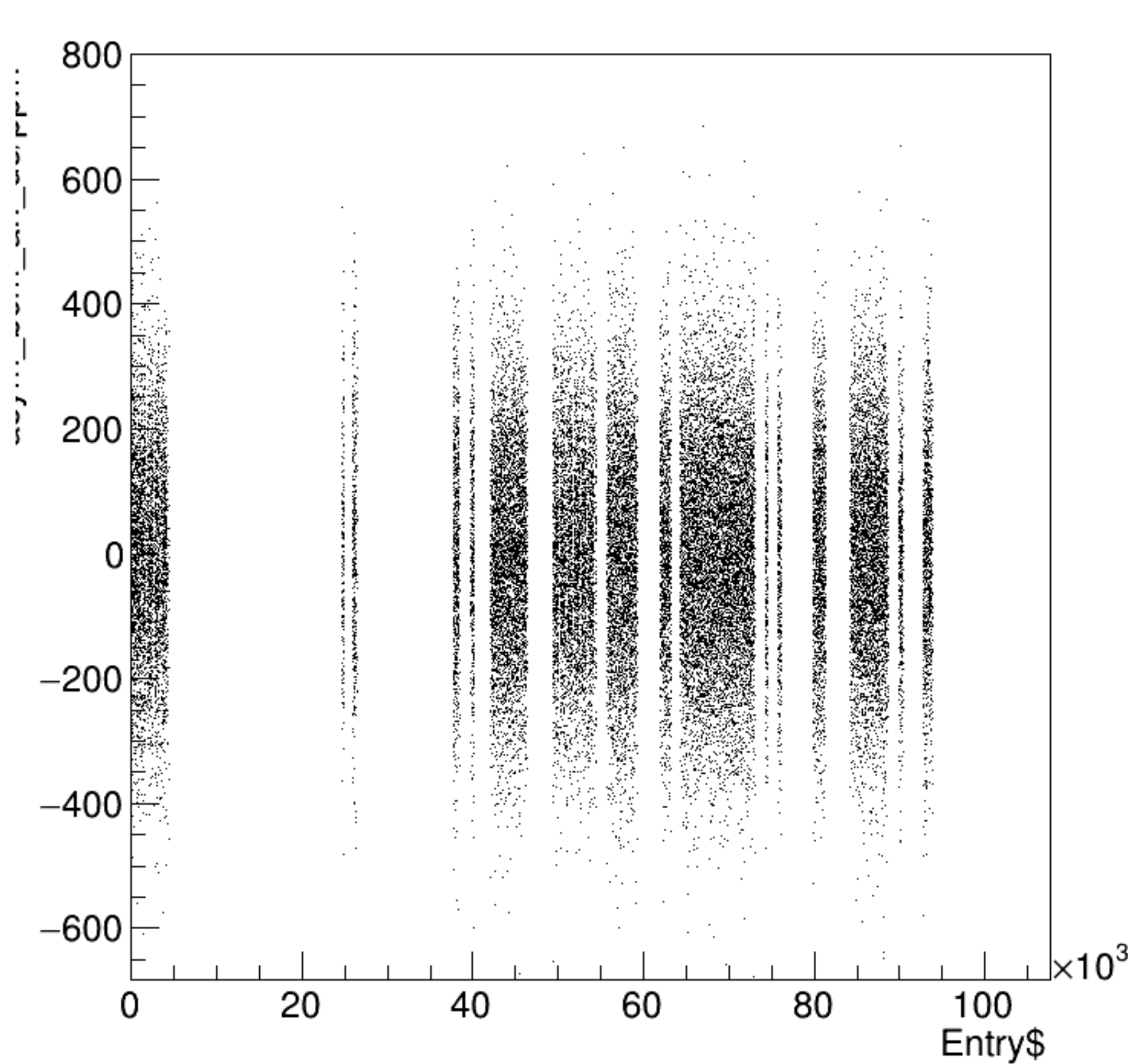
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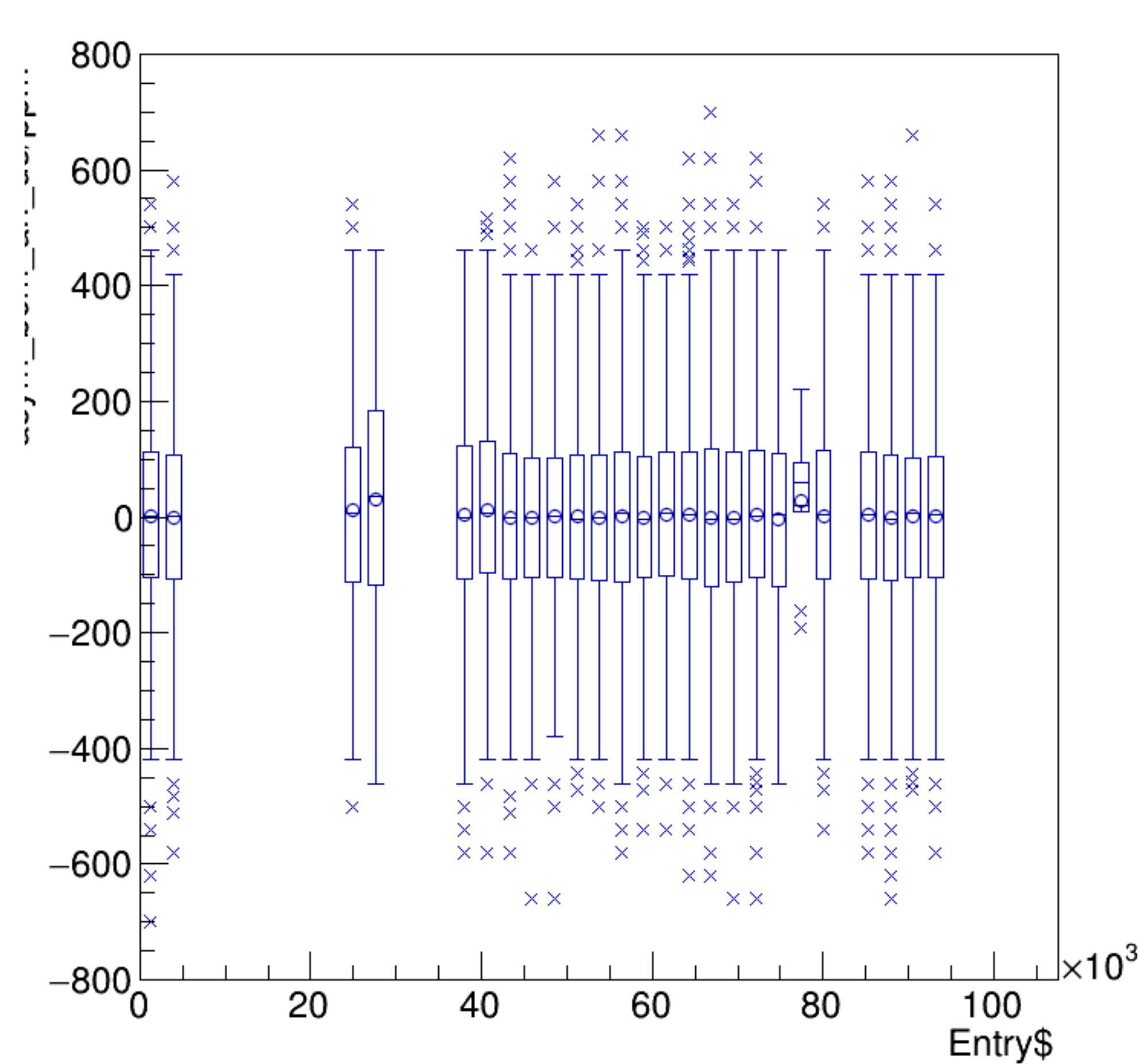
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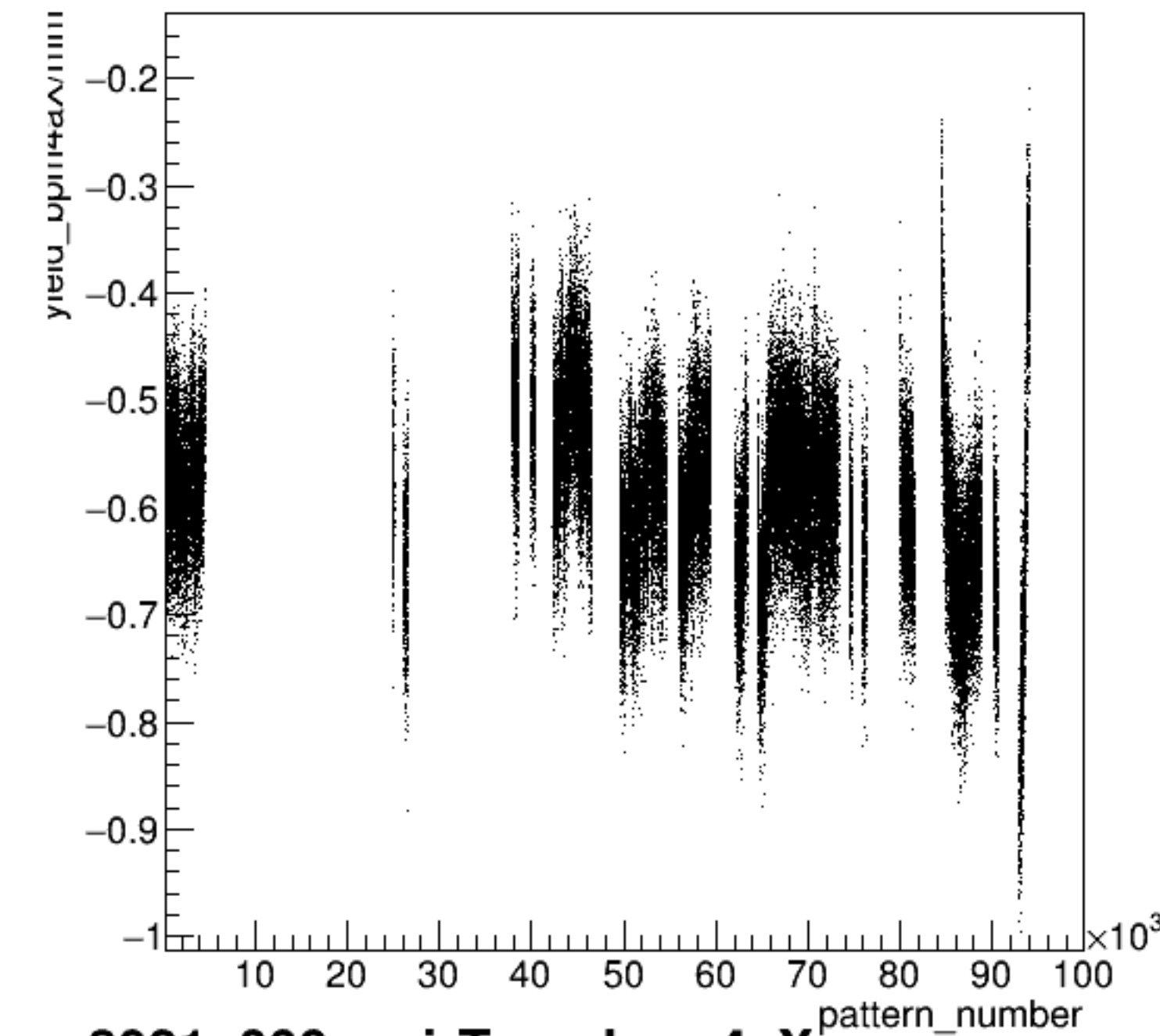
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}

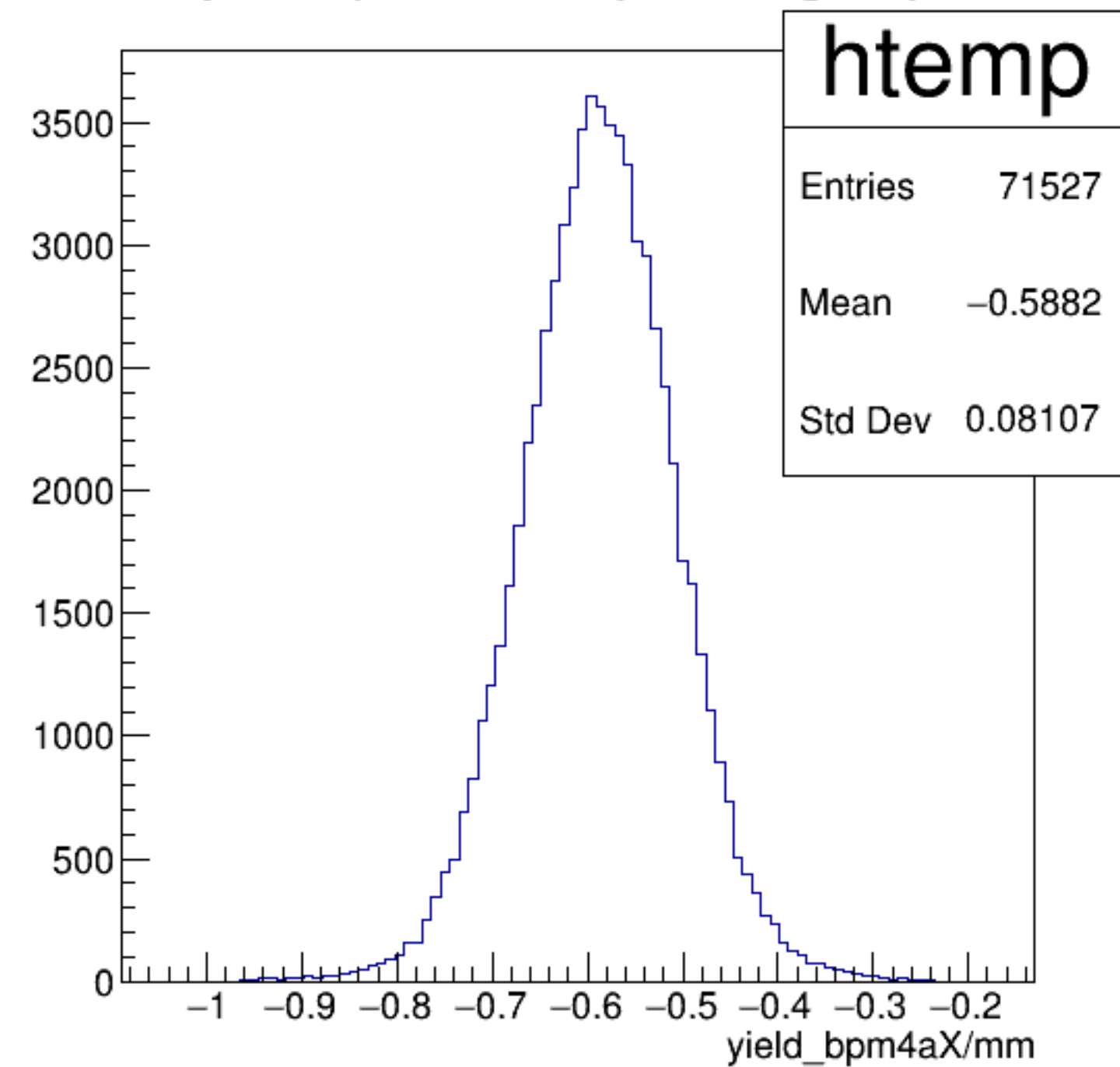


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

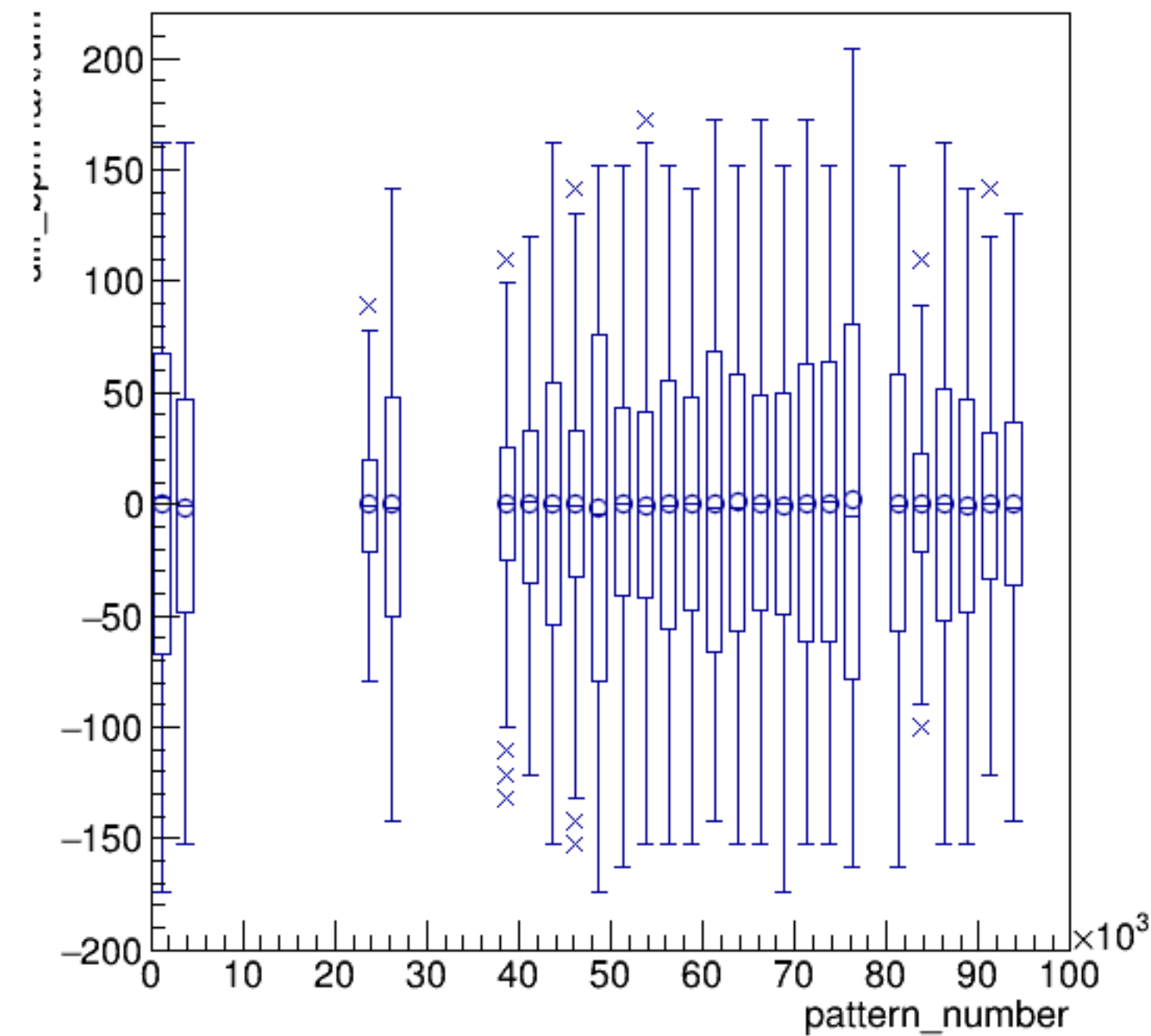


run8021_000_pairTree_bpm4aX.png

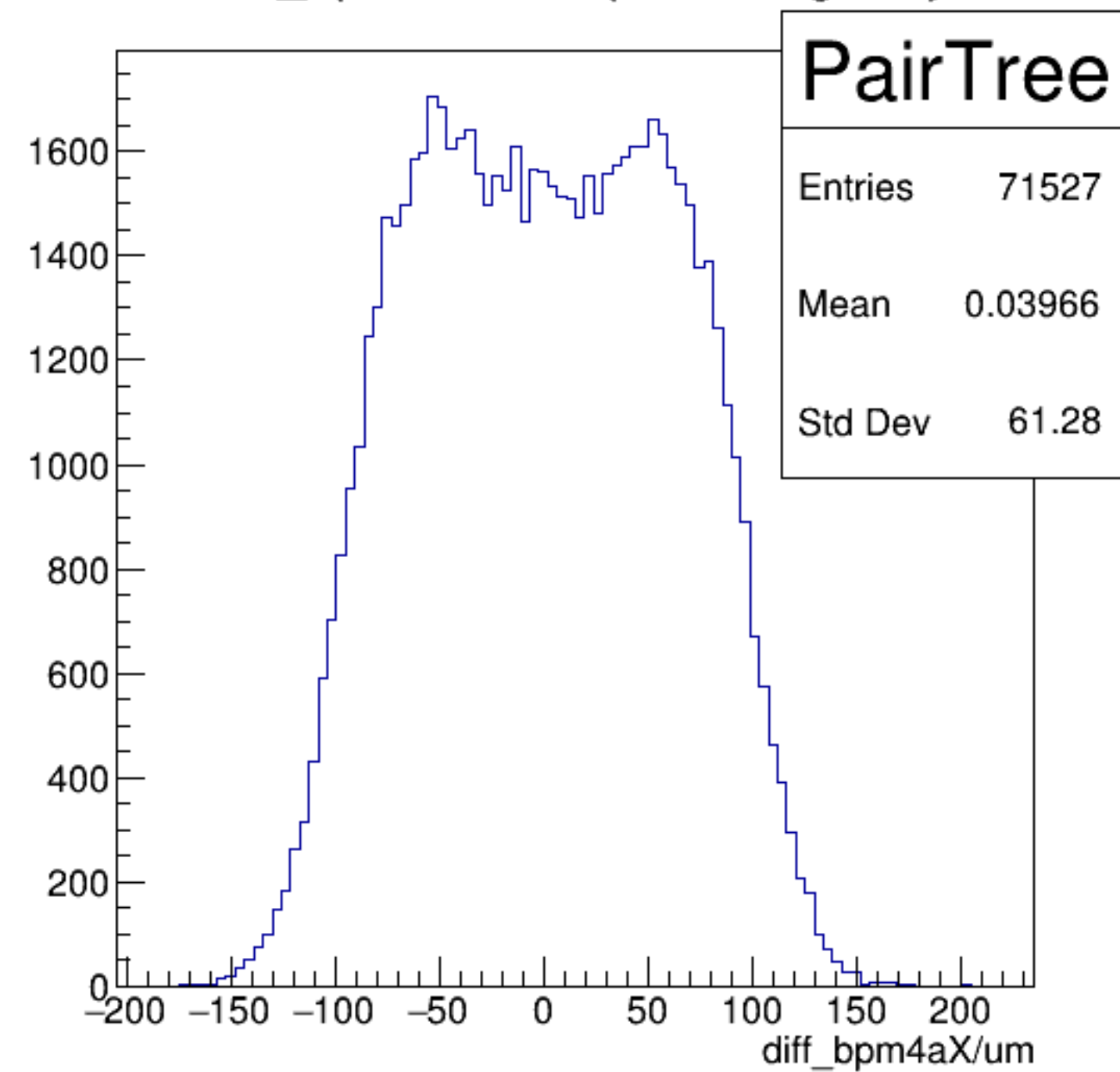
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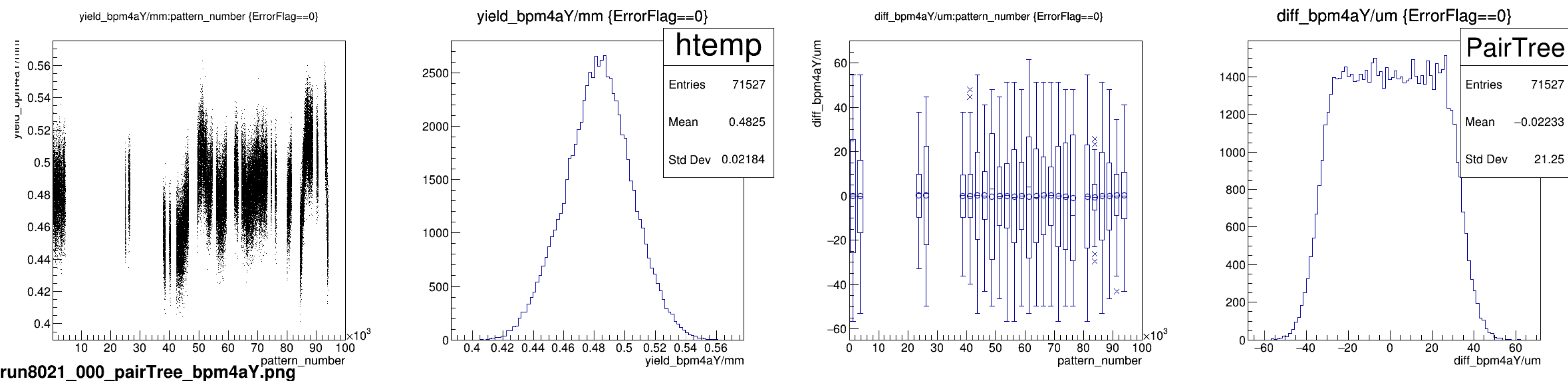


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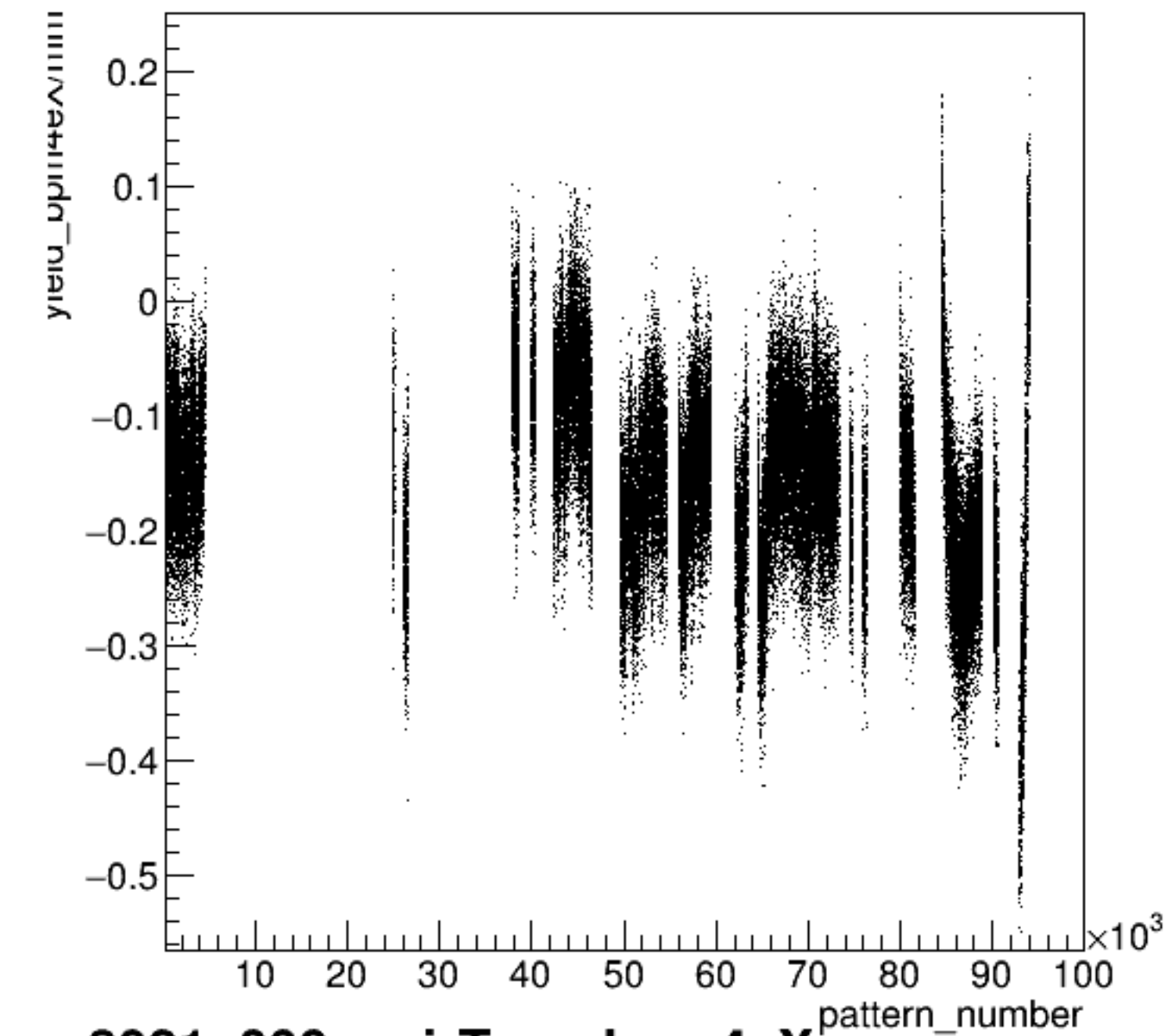


diff_bpm4aX/um {ErrorFlag==0}



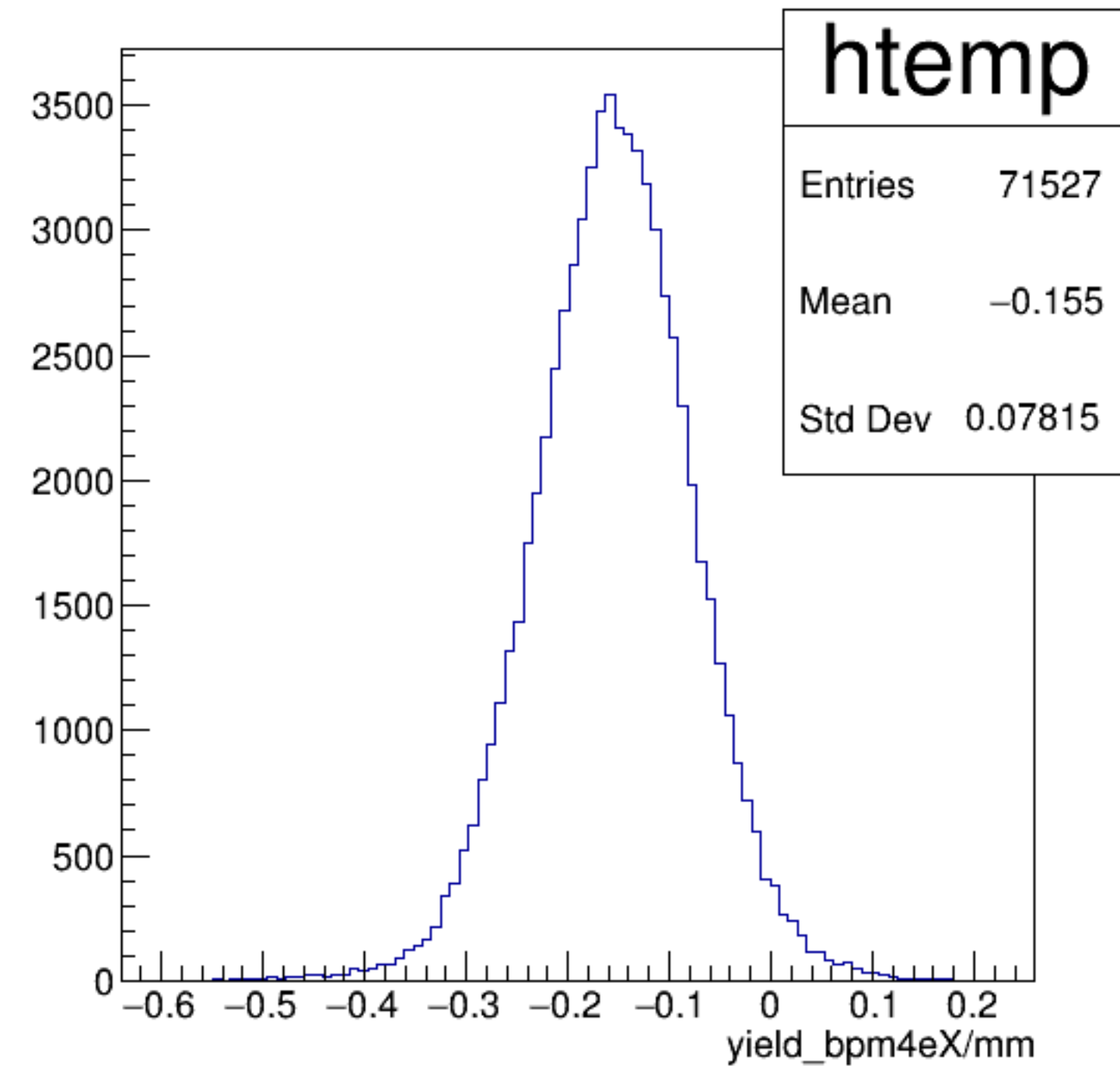


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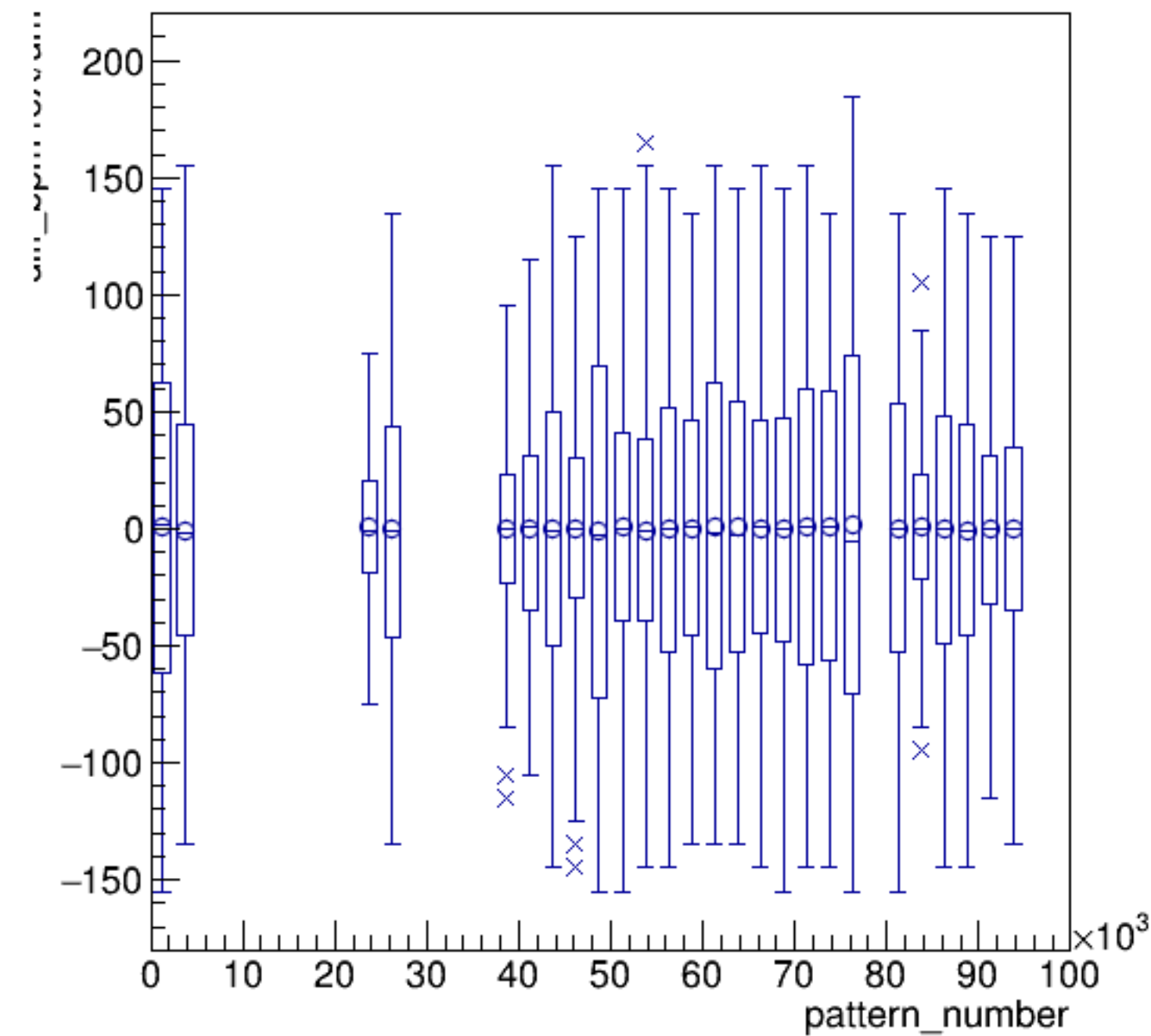


run8021_000_pairTree_bpm4eX.png

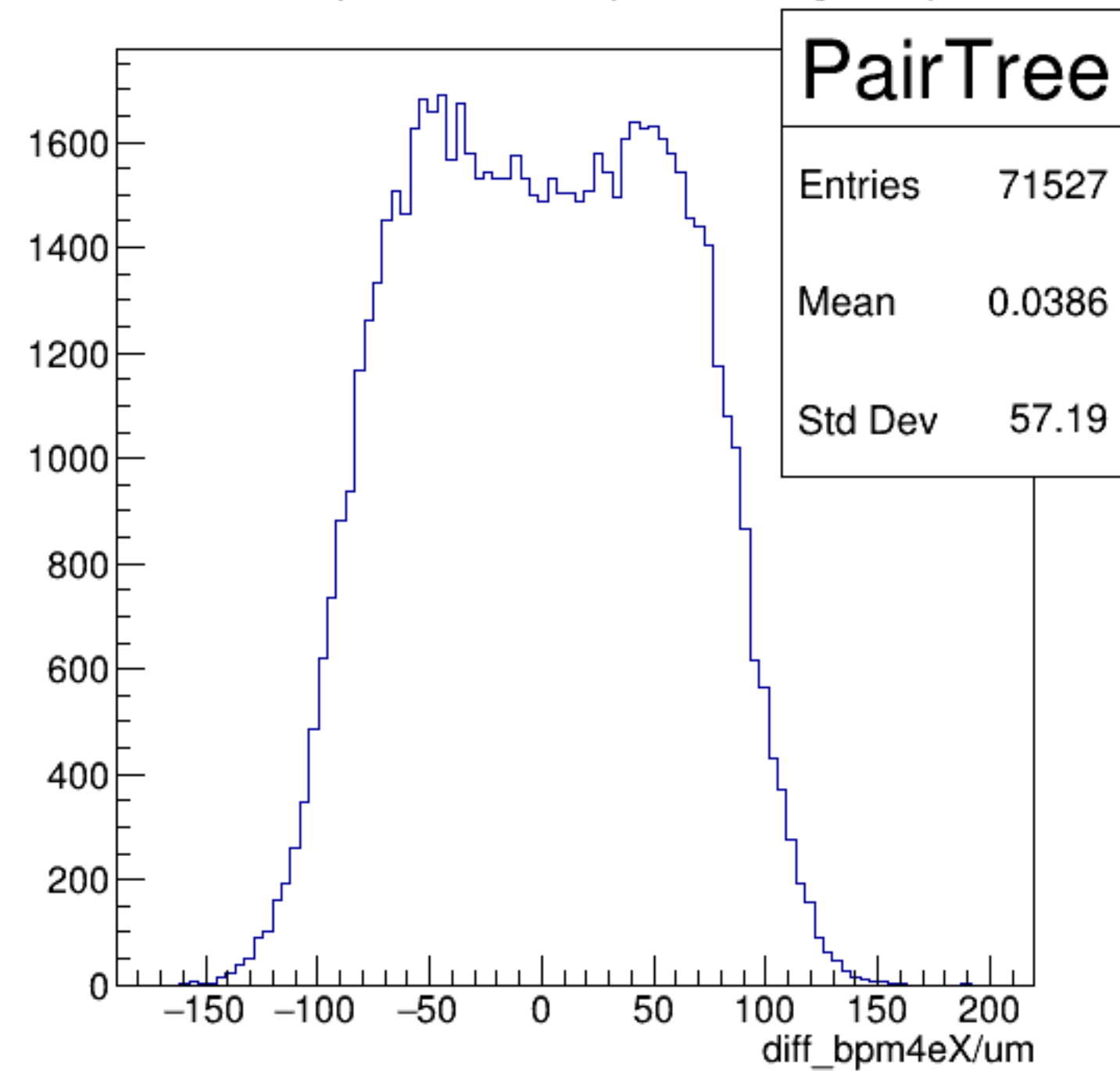
yield_bpm4eX/mm {ErrorFlag==0}

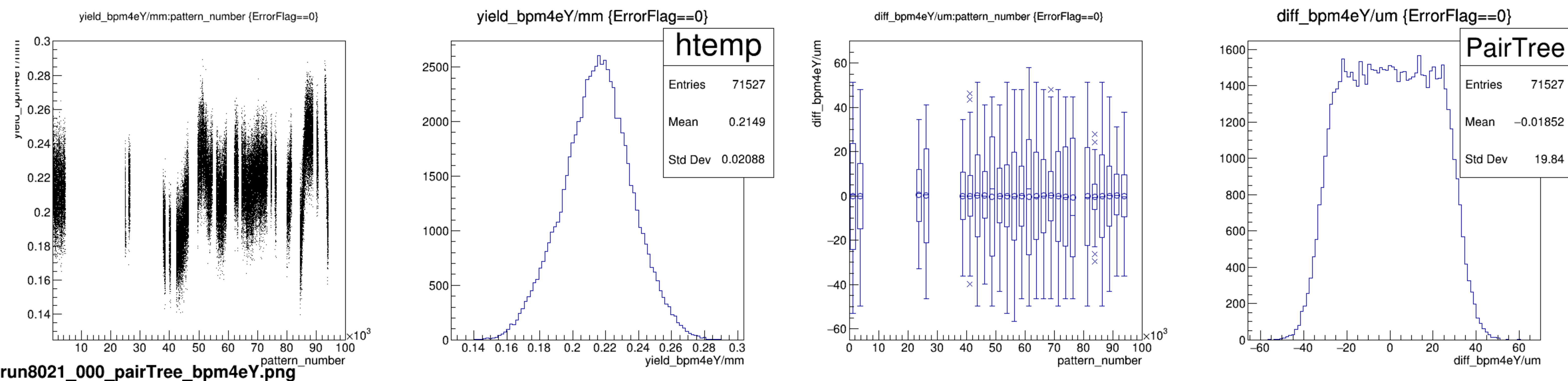


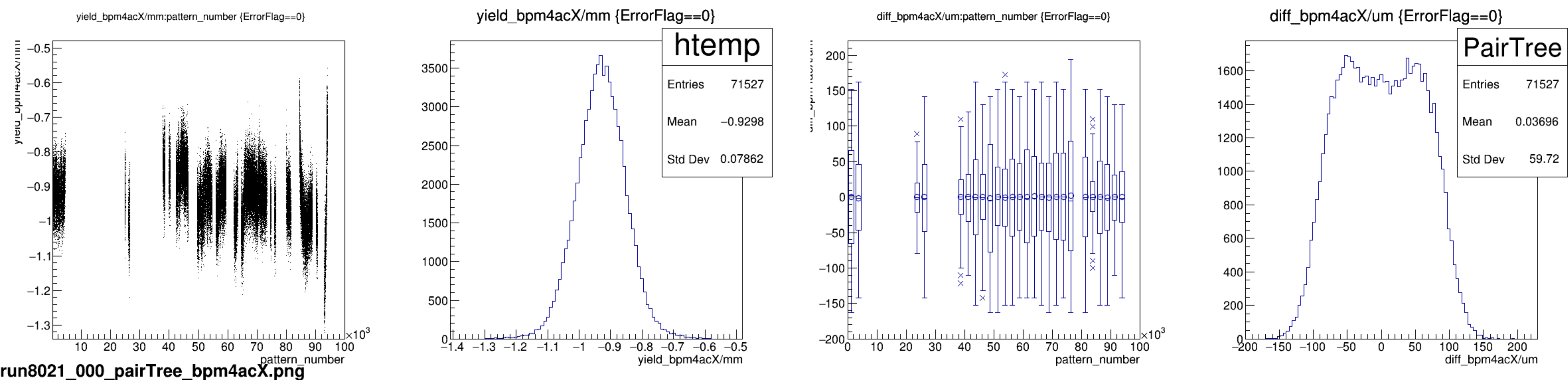
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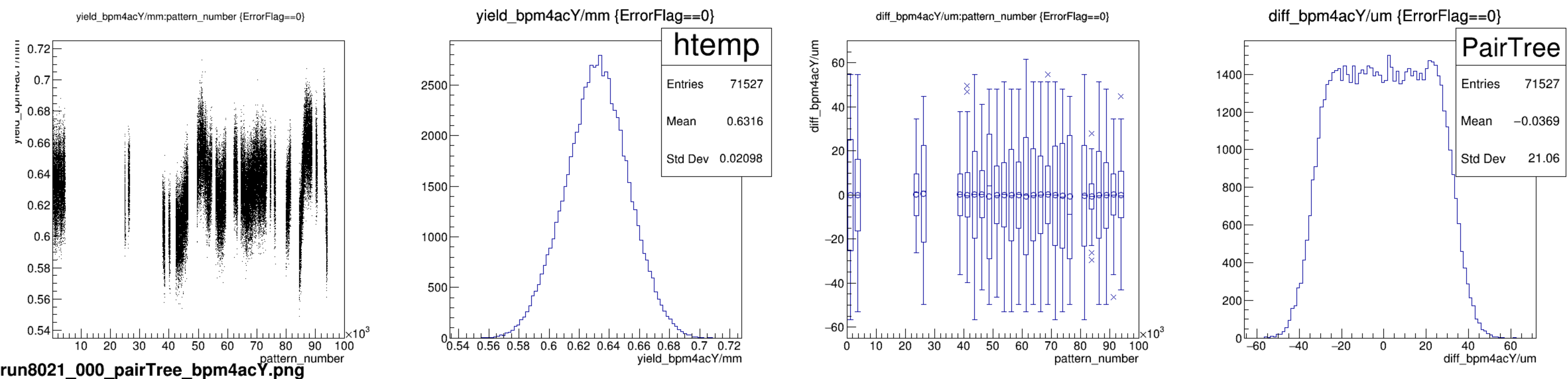


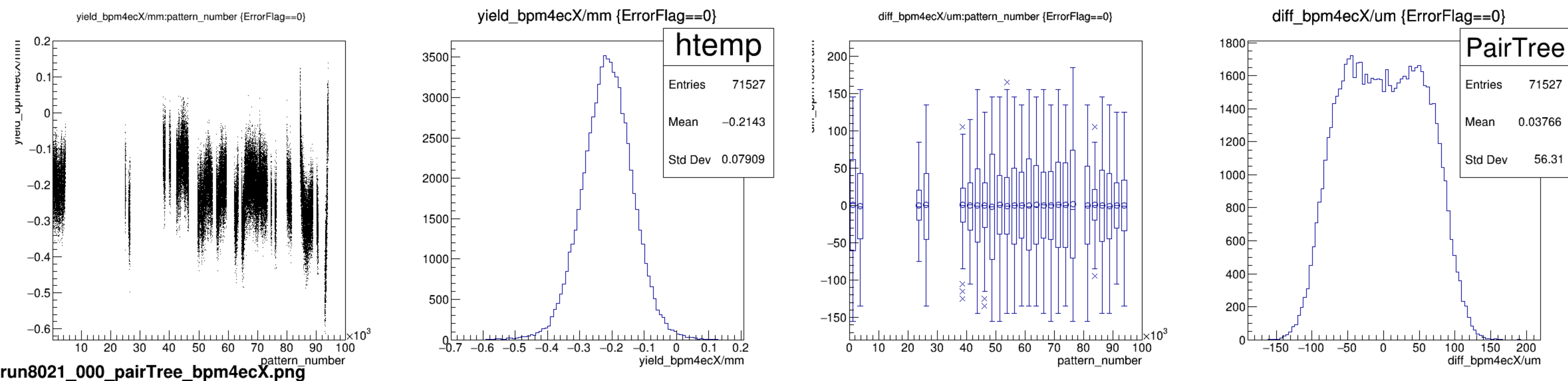
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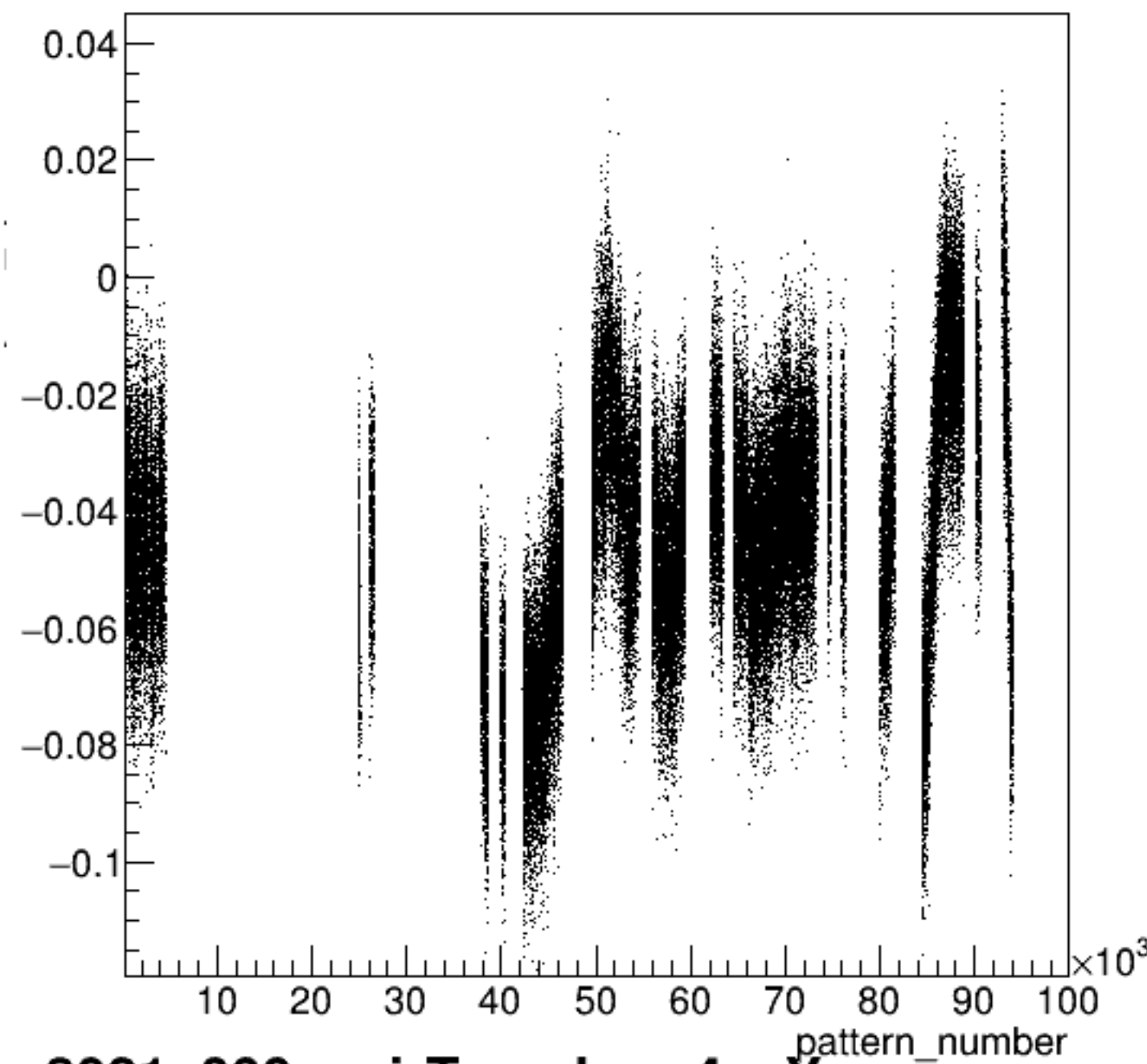






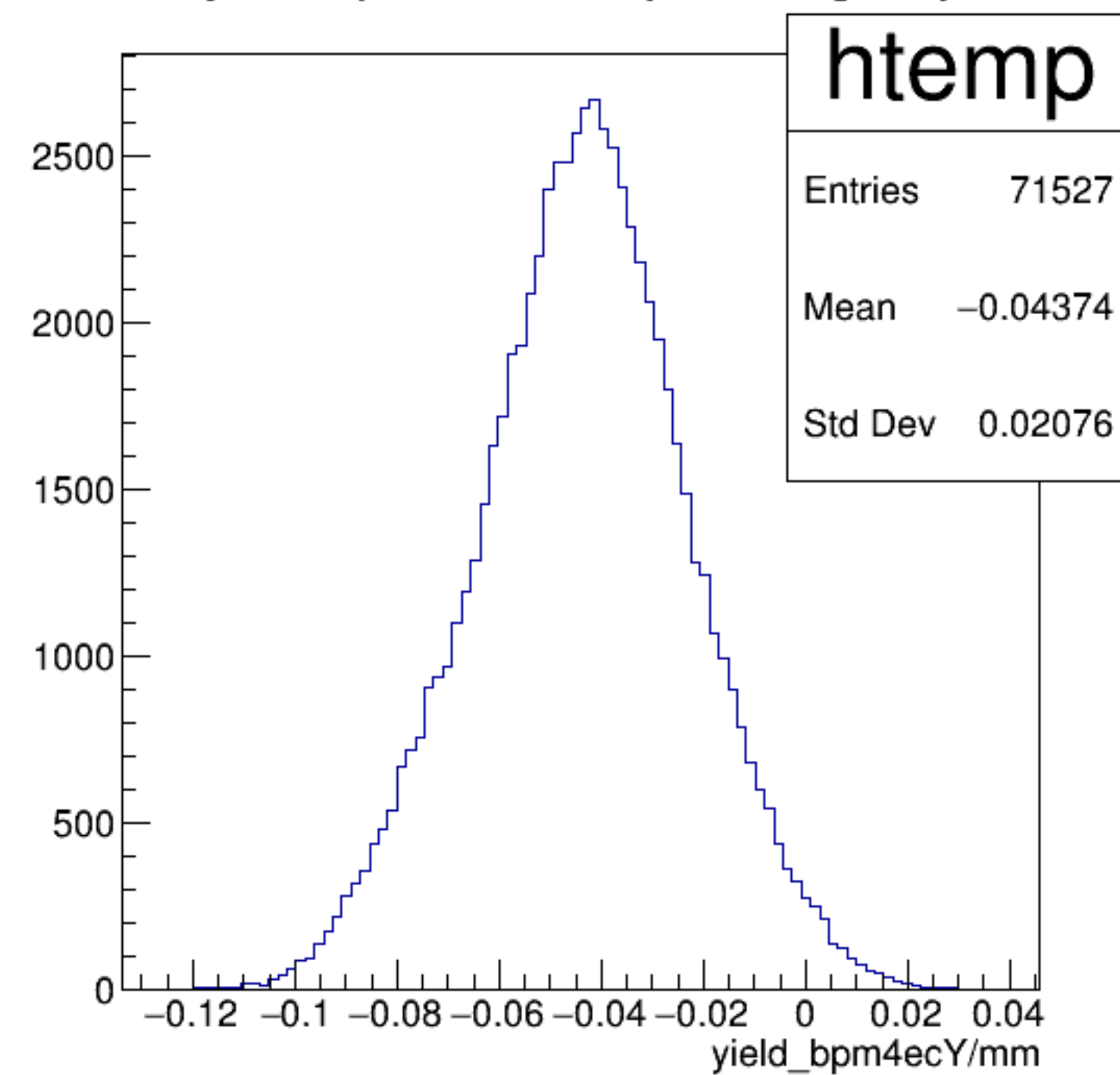


yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}

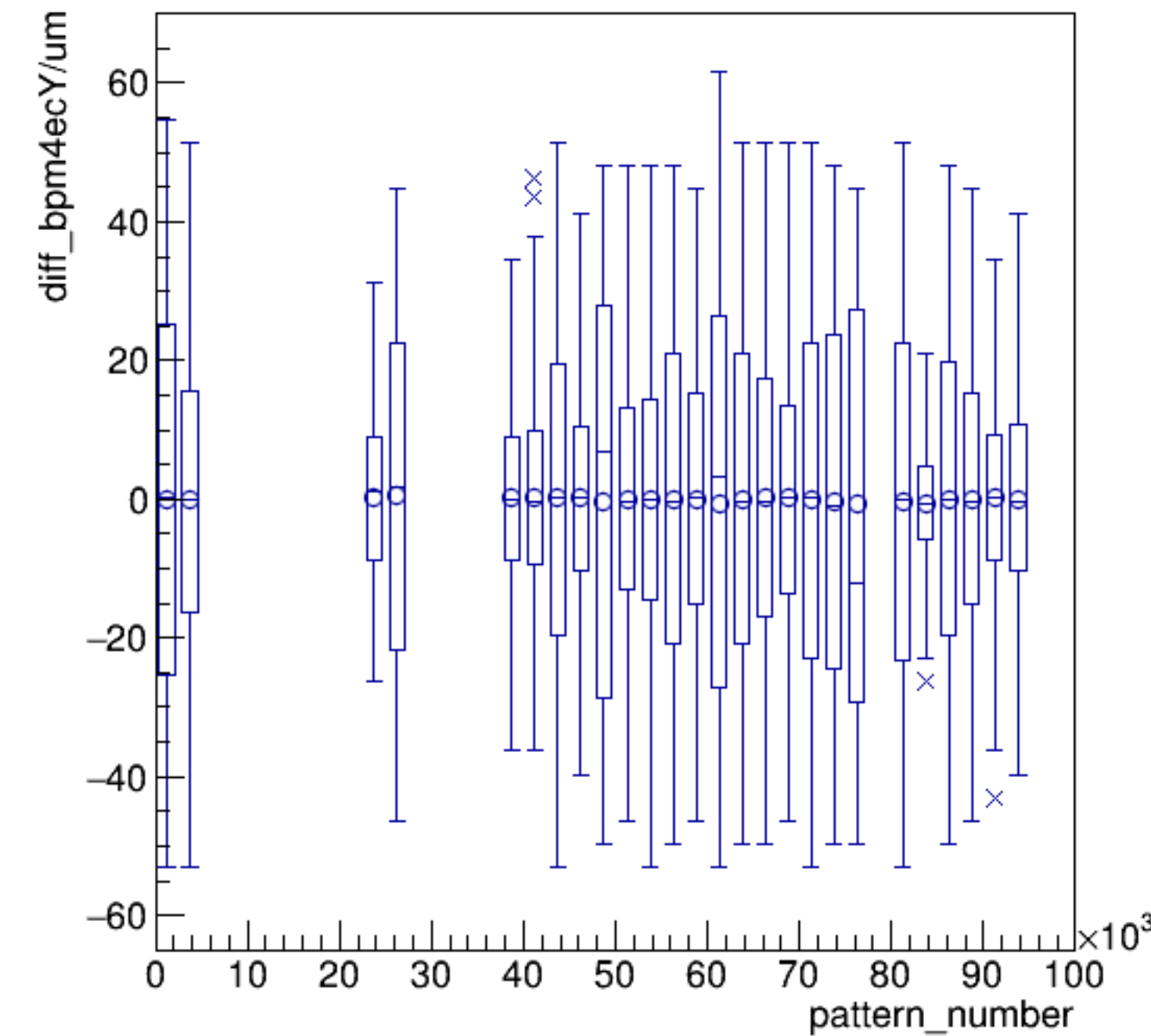


run8021_000_pairTree_bpm4ecY.png

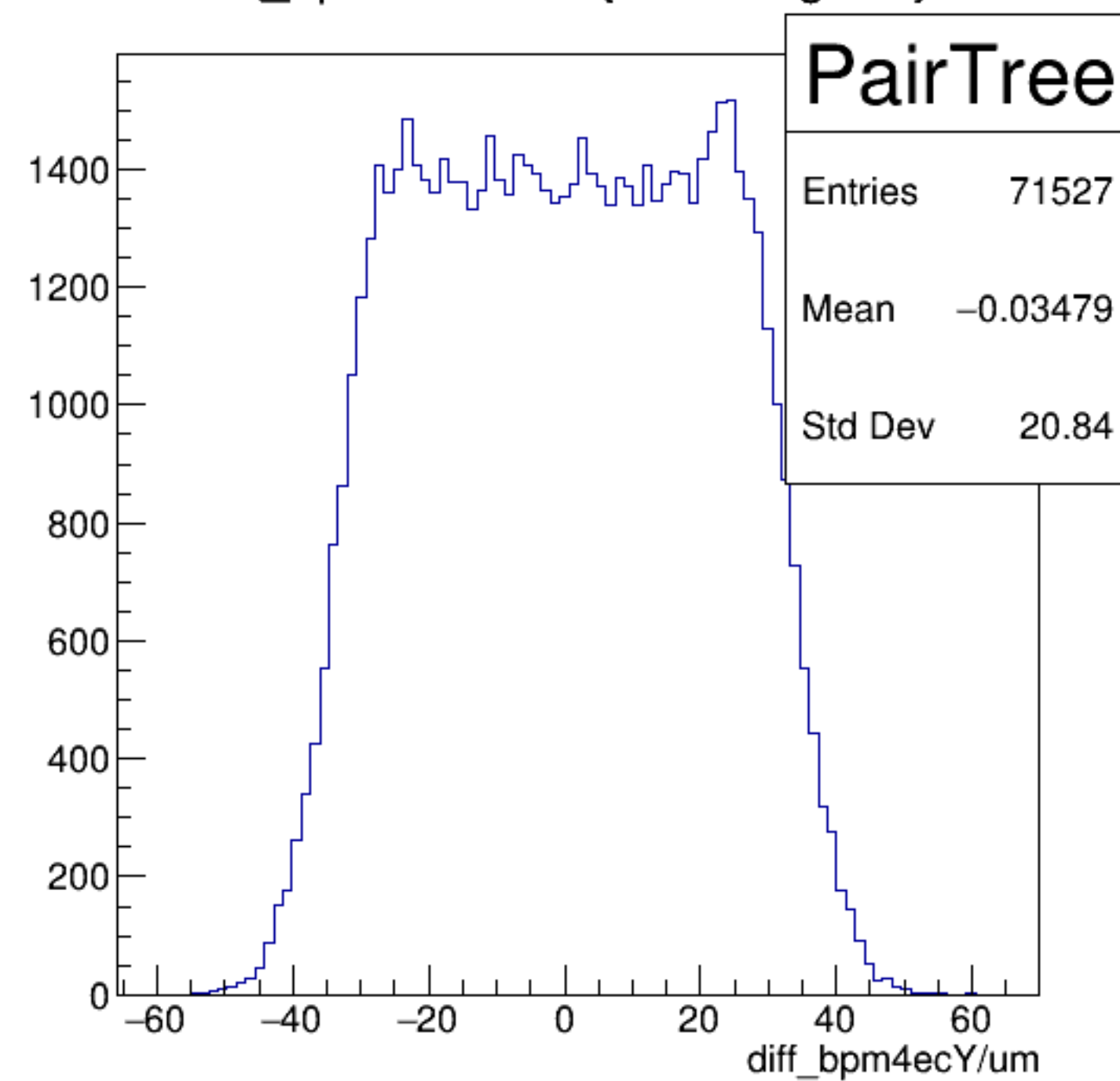
yield_bpm4ecY/mm {ErrorFlag==0}

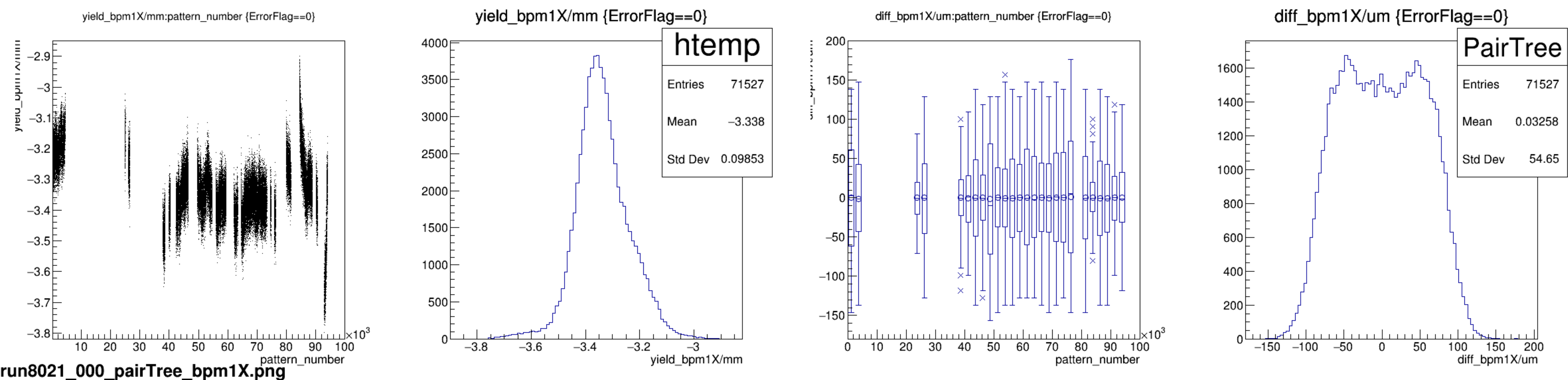


diff_bpm4ecY/um:pattern_number {ErrorFlag==0}

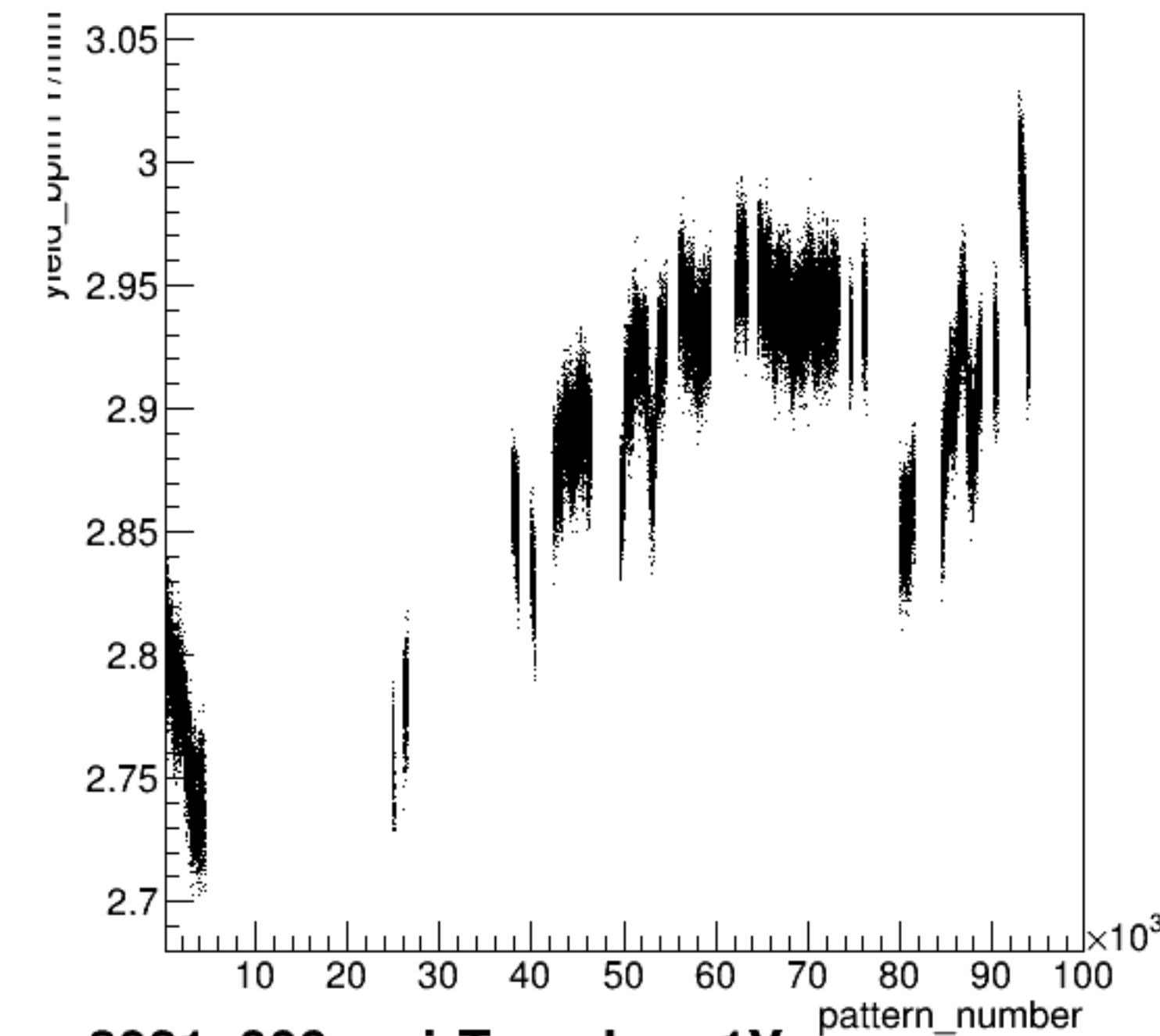


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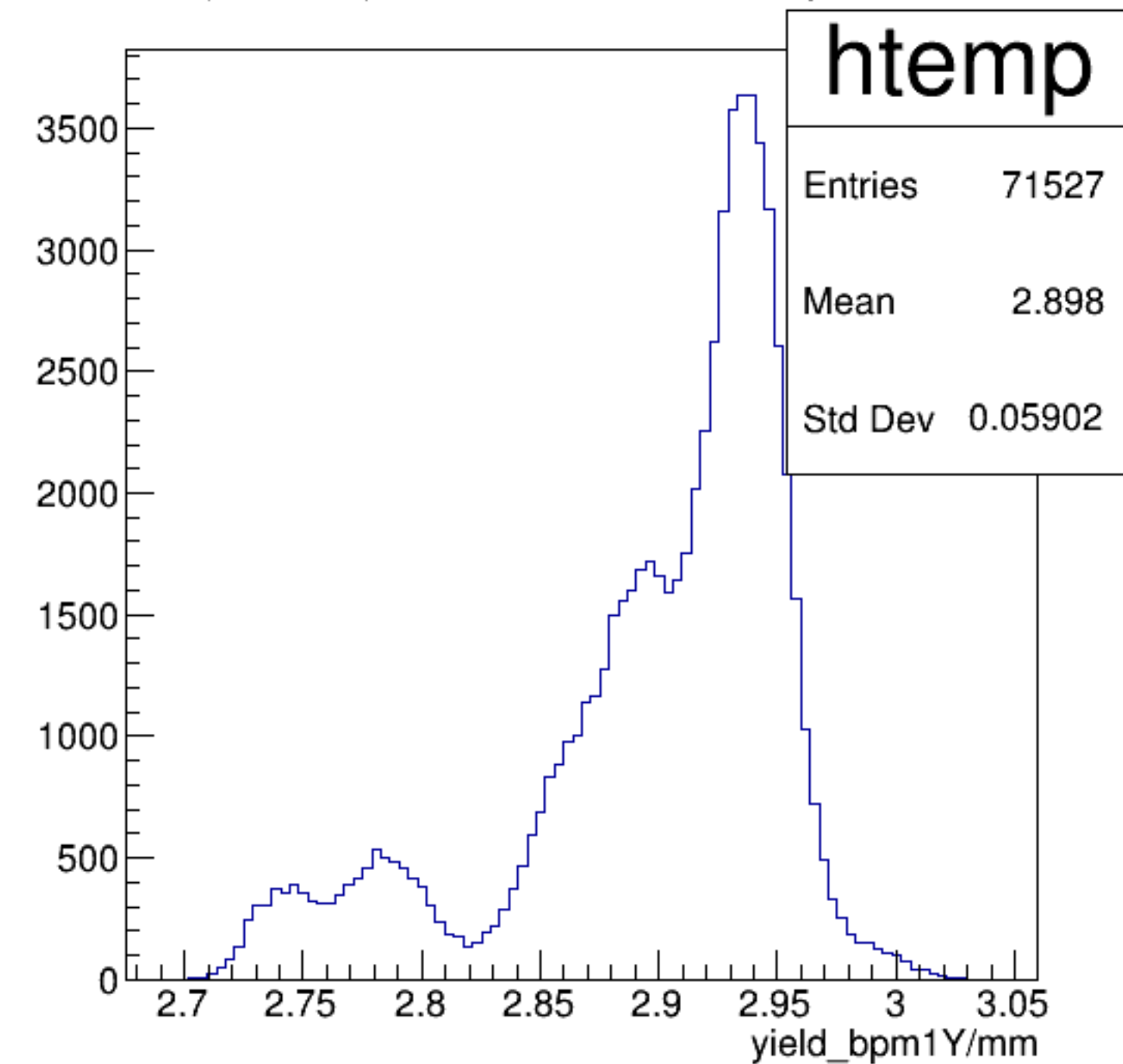


yield_bpm1Y/mm:pattern_number {ErrorFlag==0}

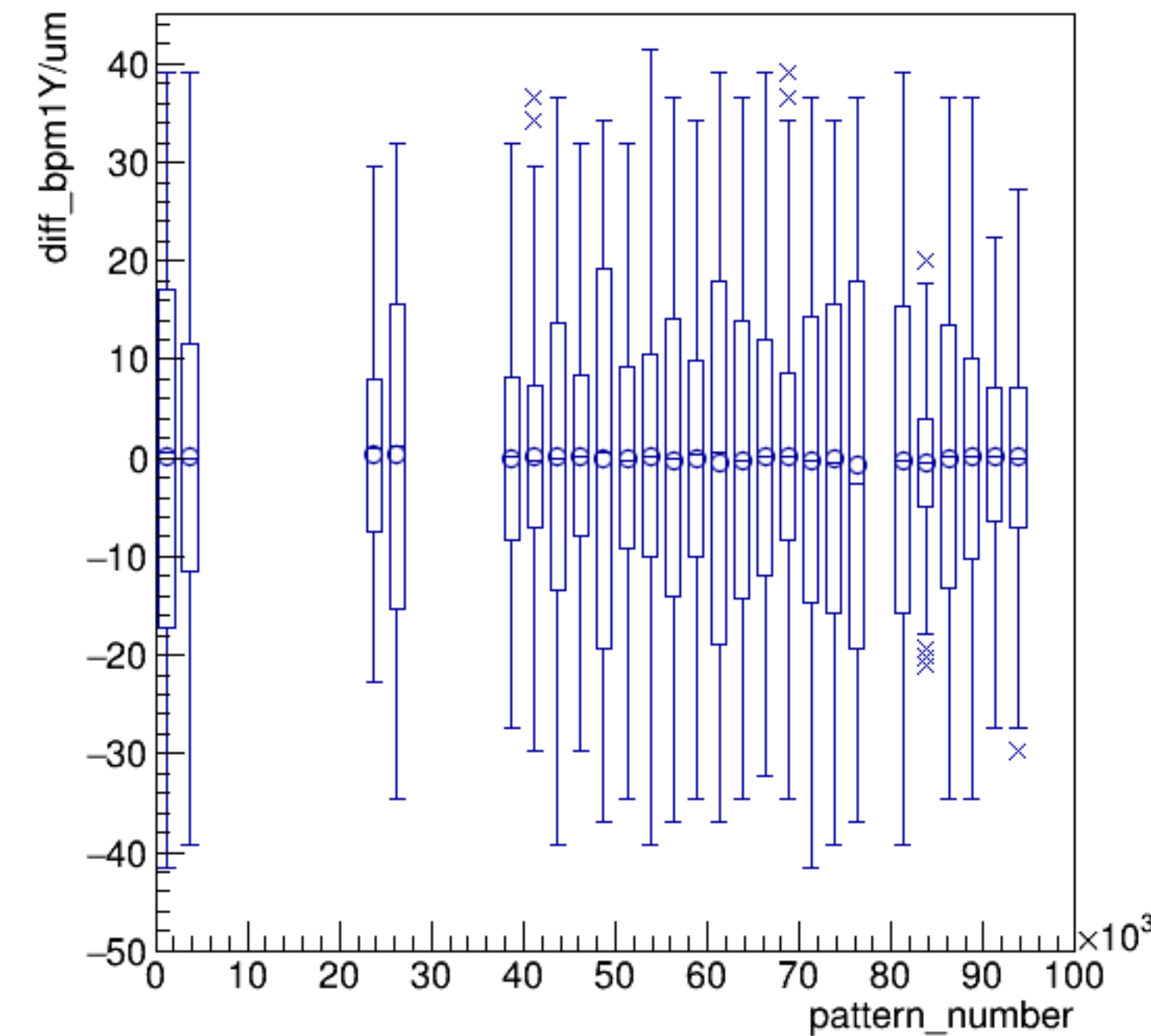


run8021_000_pairTree_bpm1Y.png

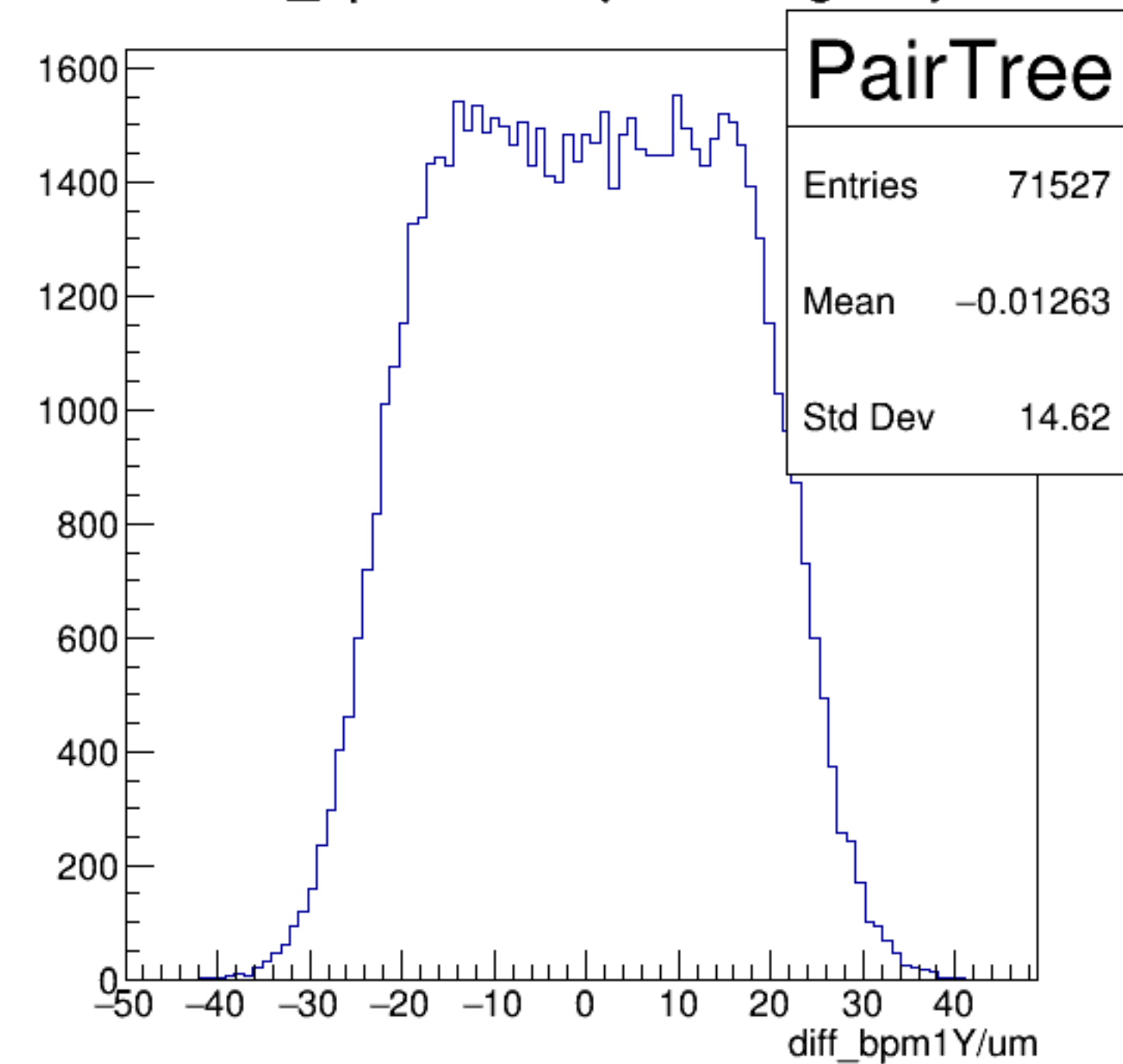
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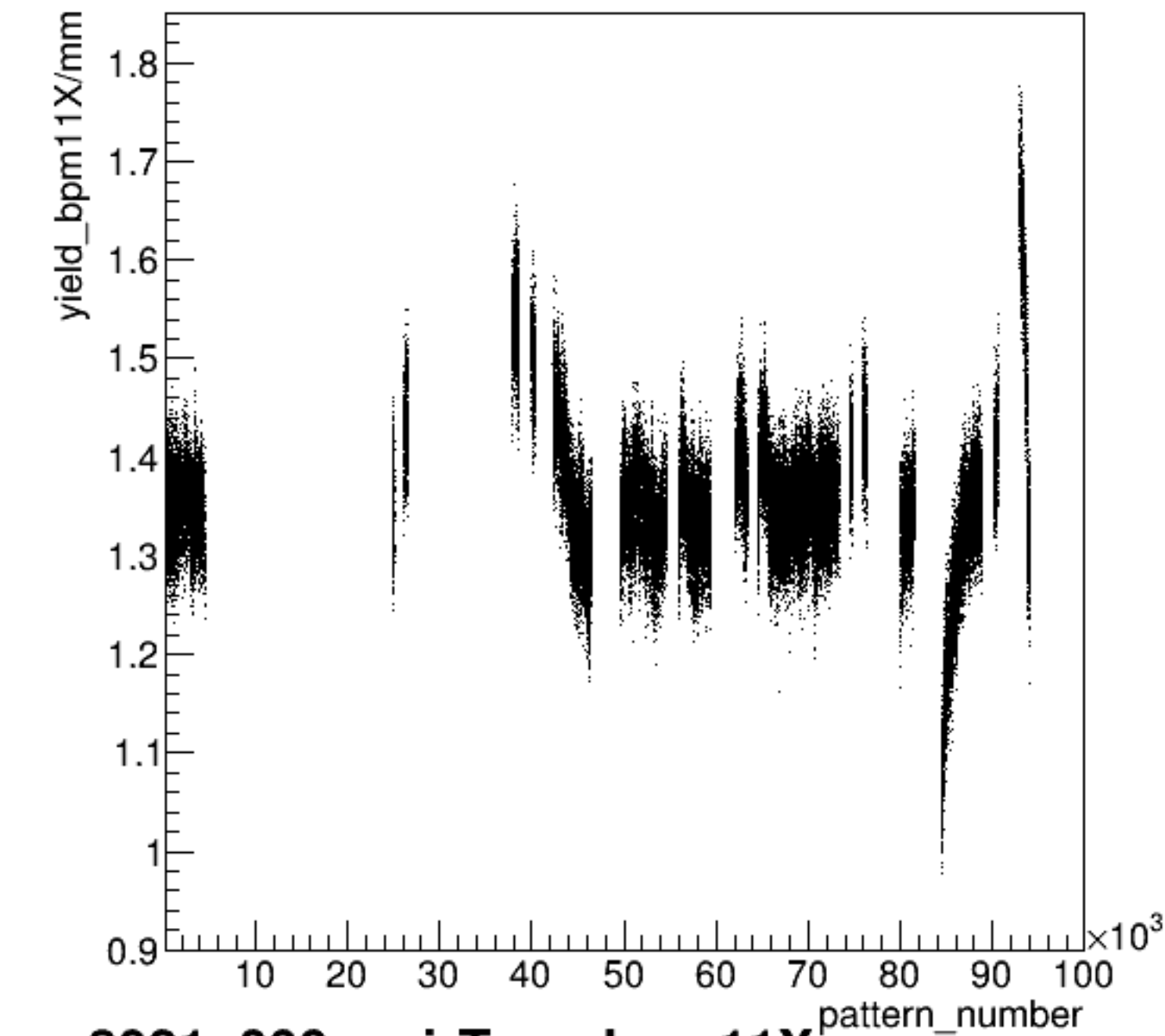
diff_bpm1Y/um:pattern_number {ErrorFlag==0}



diff_bpm1Y/um {ErrorFlag==0}

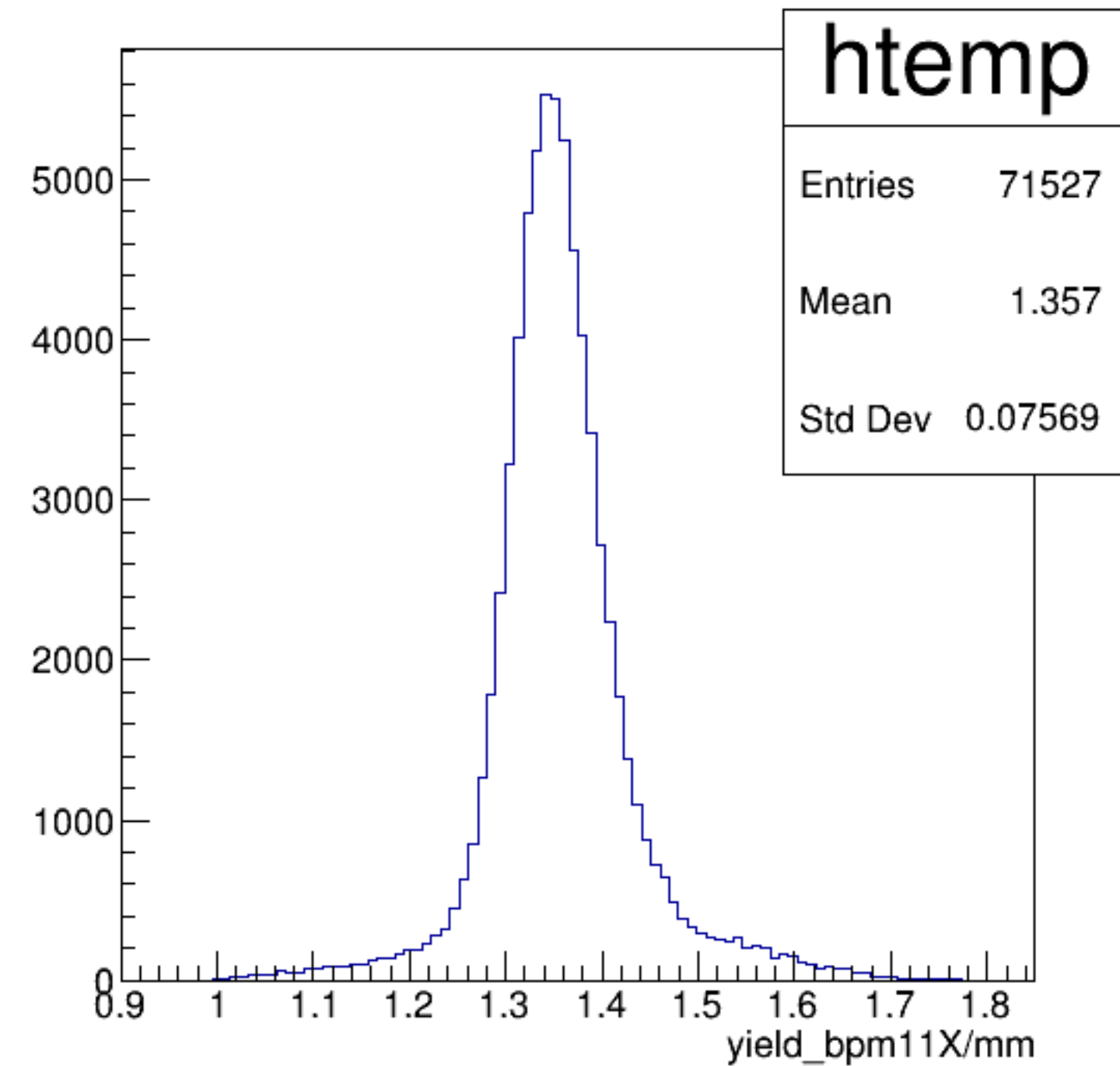


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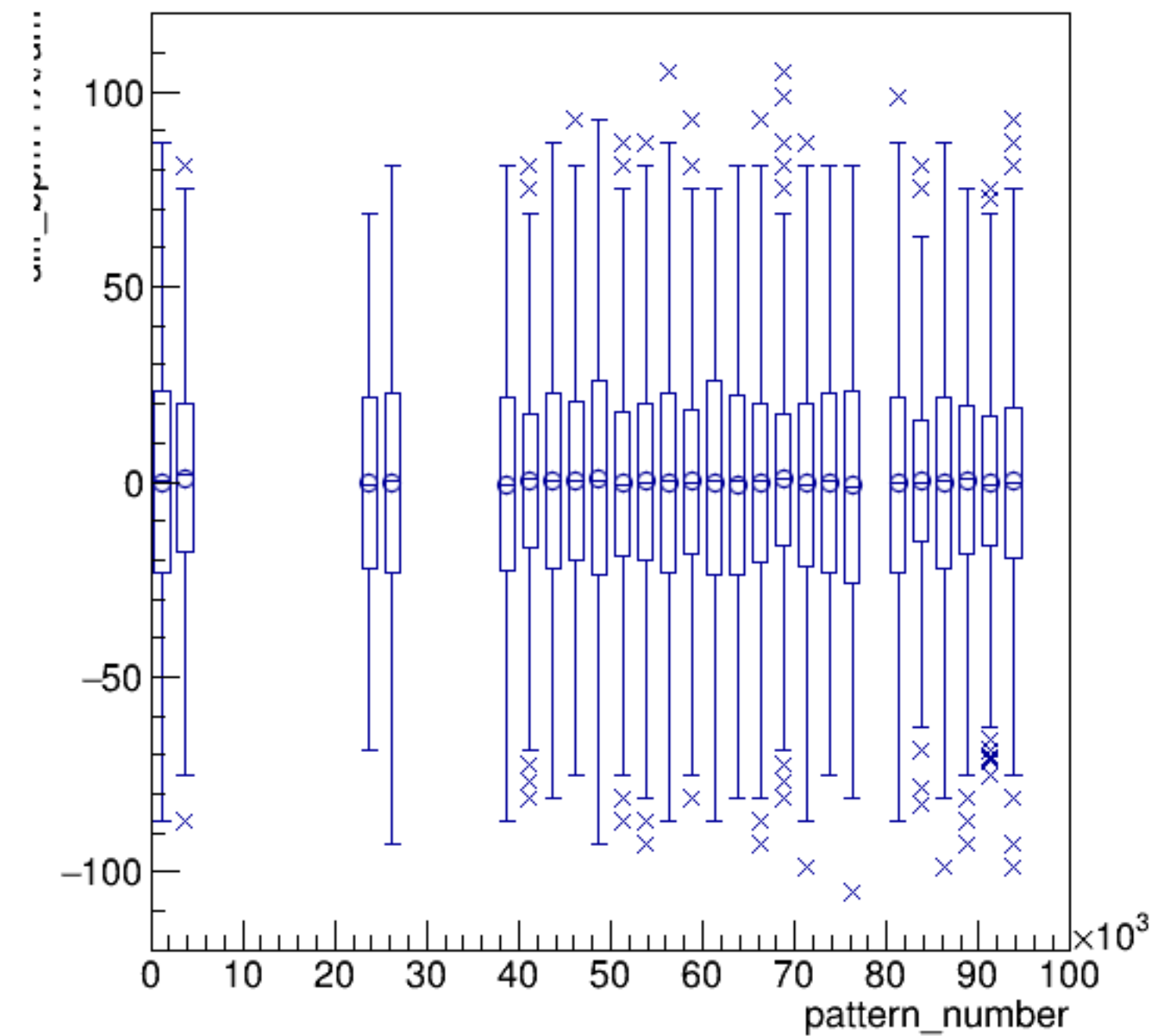


run8021_000_pairTree_bpm11X.png

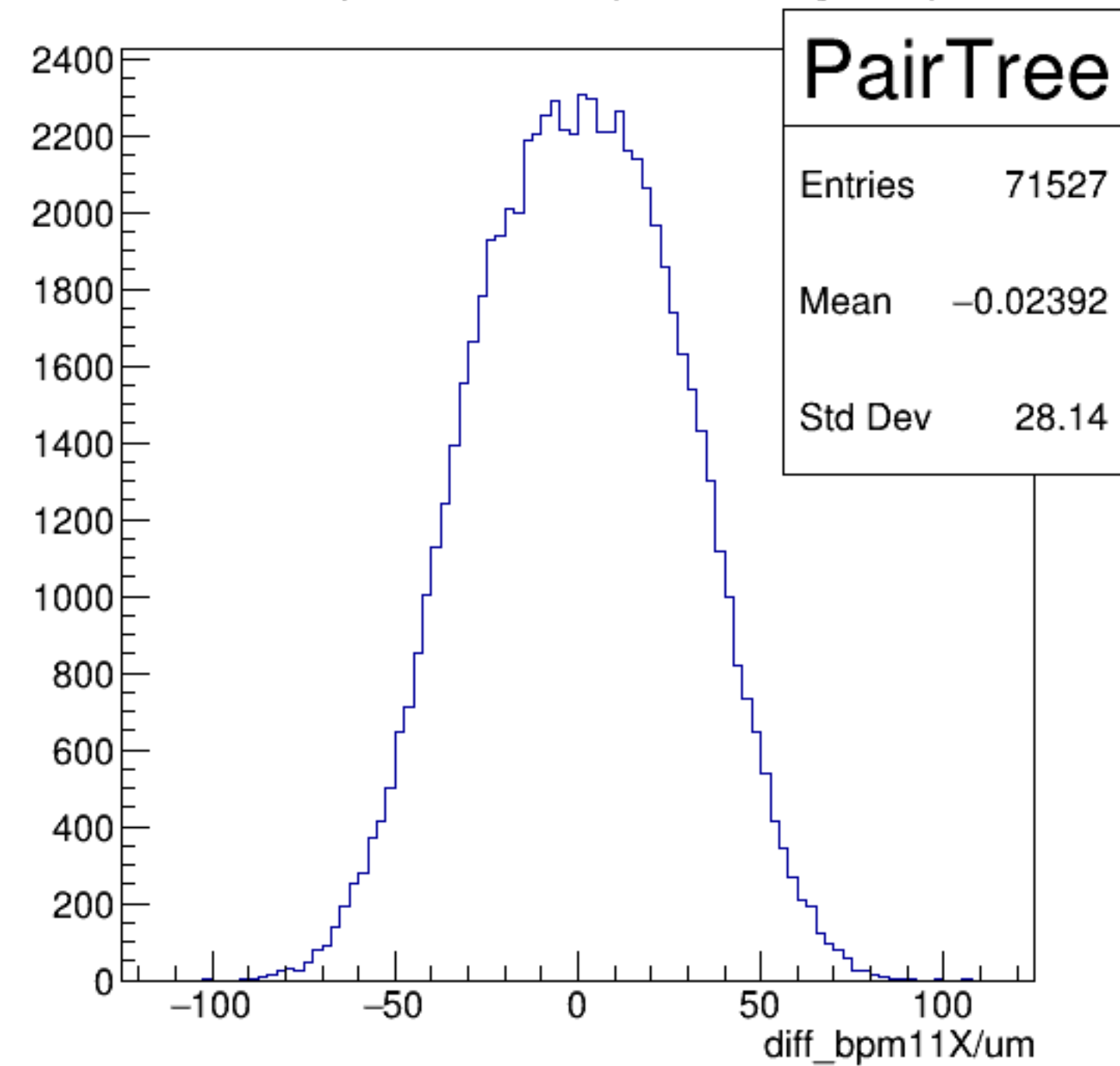
yield_bpm11X/mm {ErrorFlag==0}



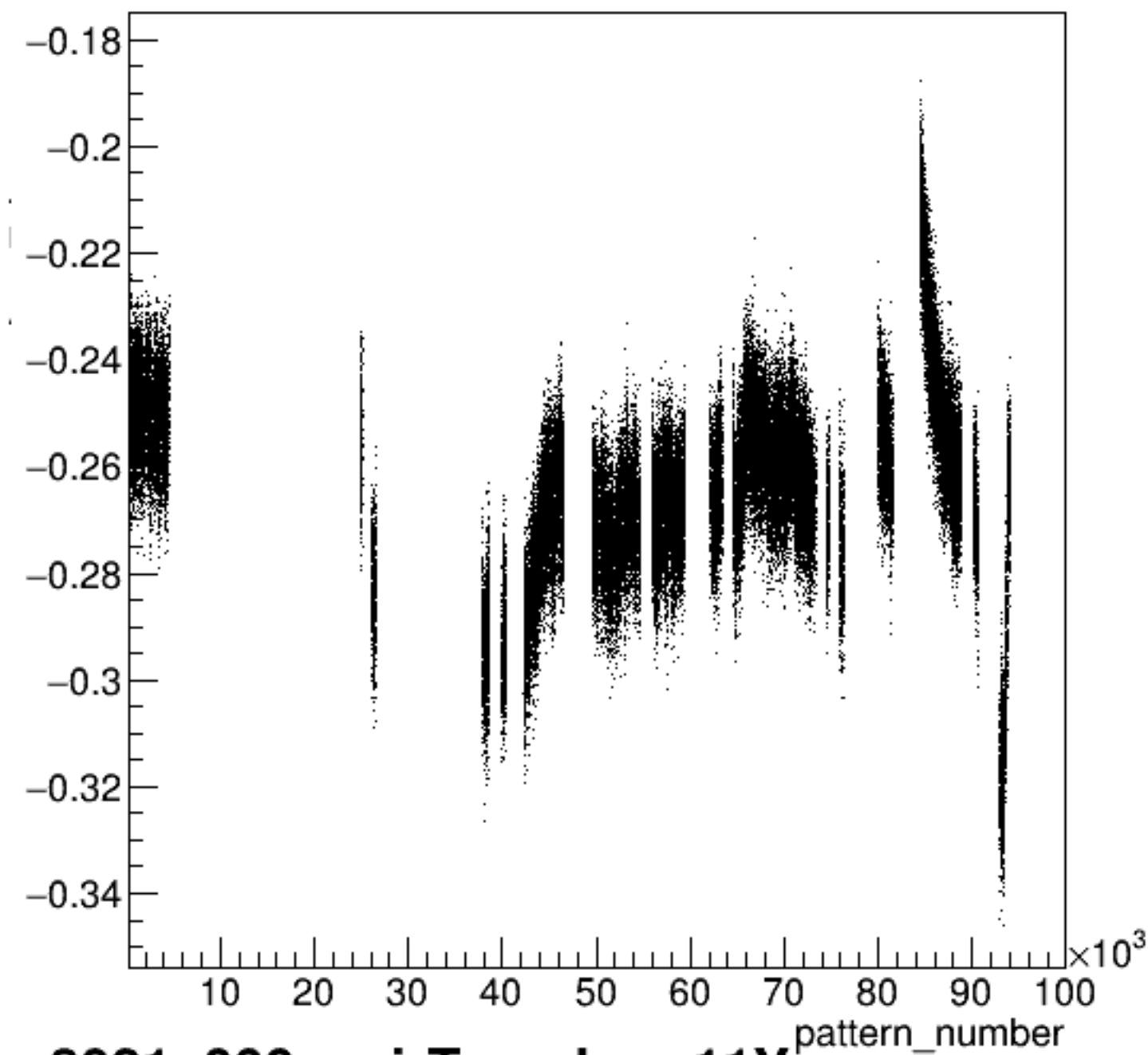
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diff_bpm11X/um {ErrorFlag==0}

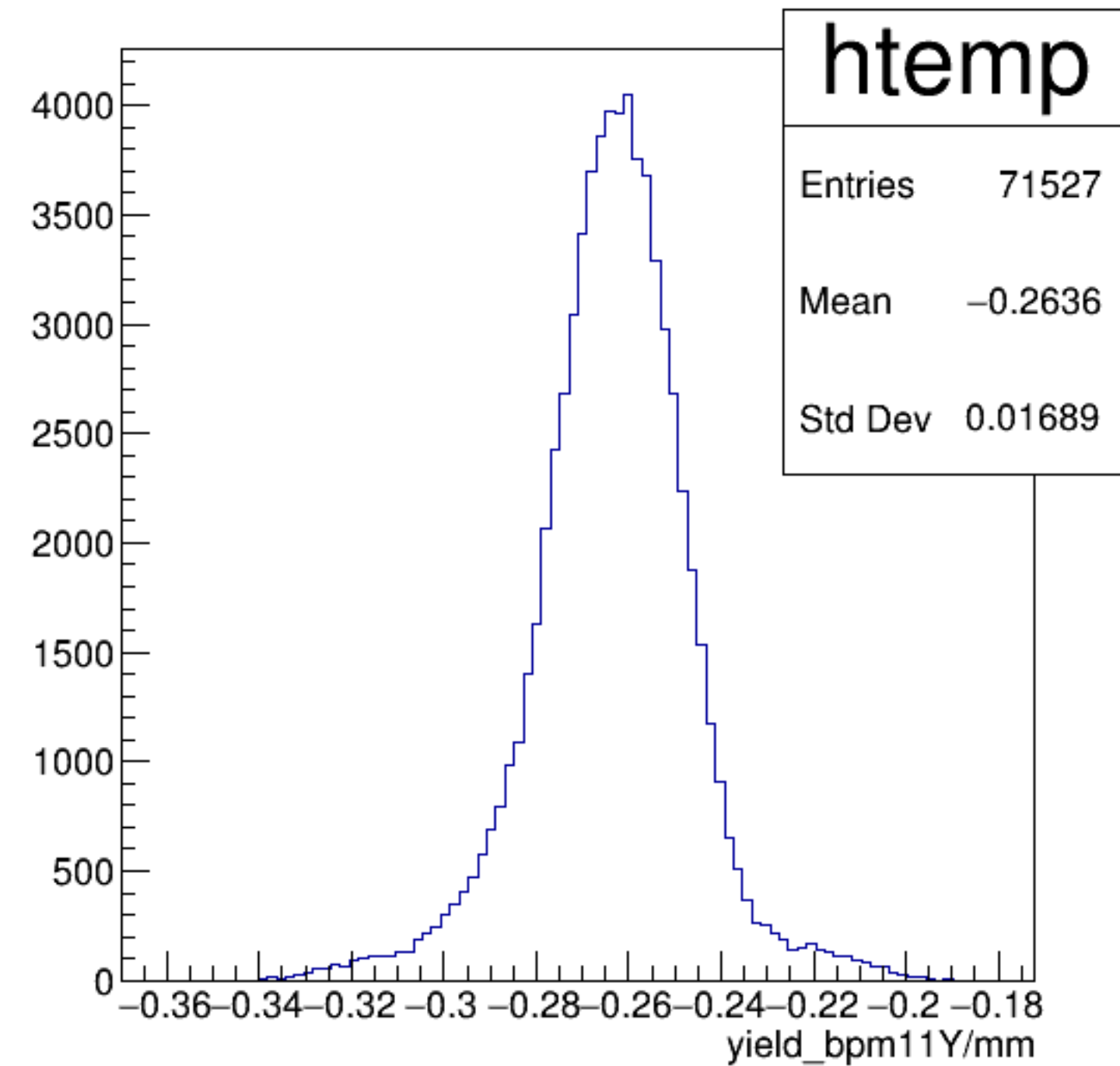


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

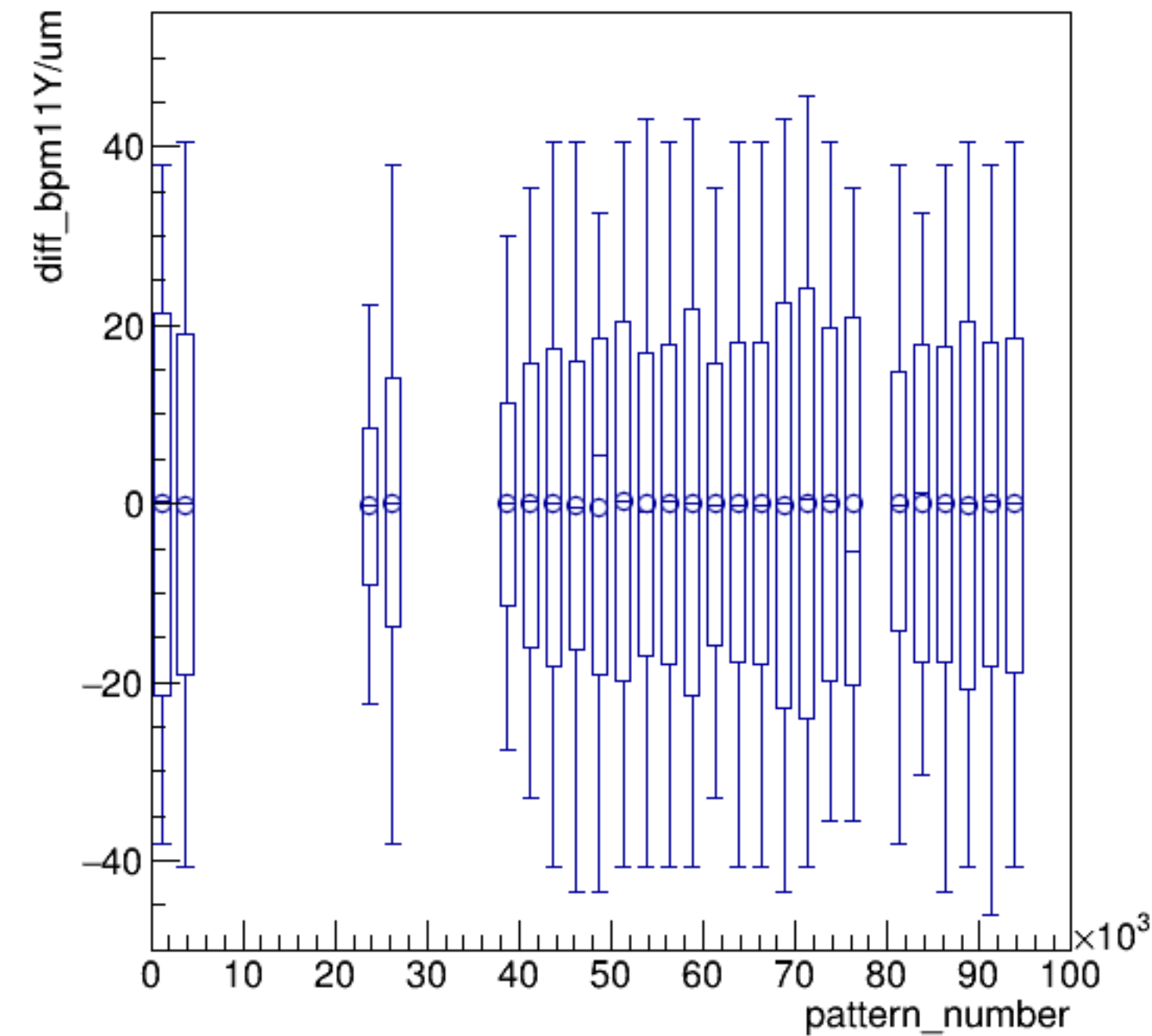


run8021_000_pairTree_bpm11Y.png

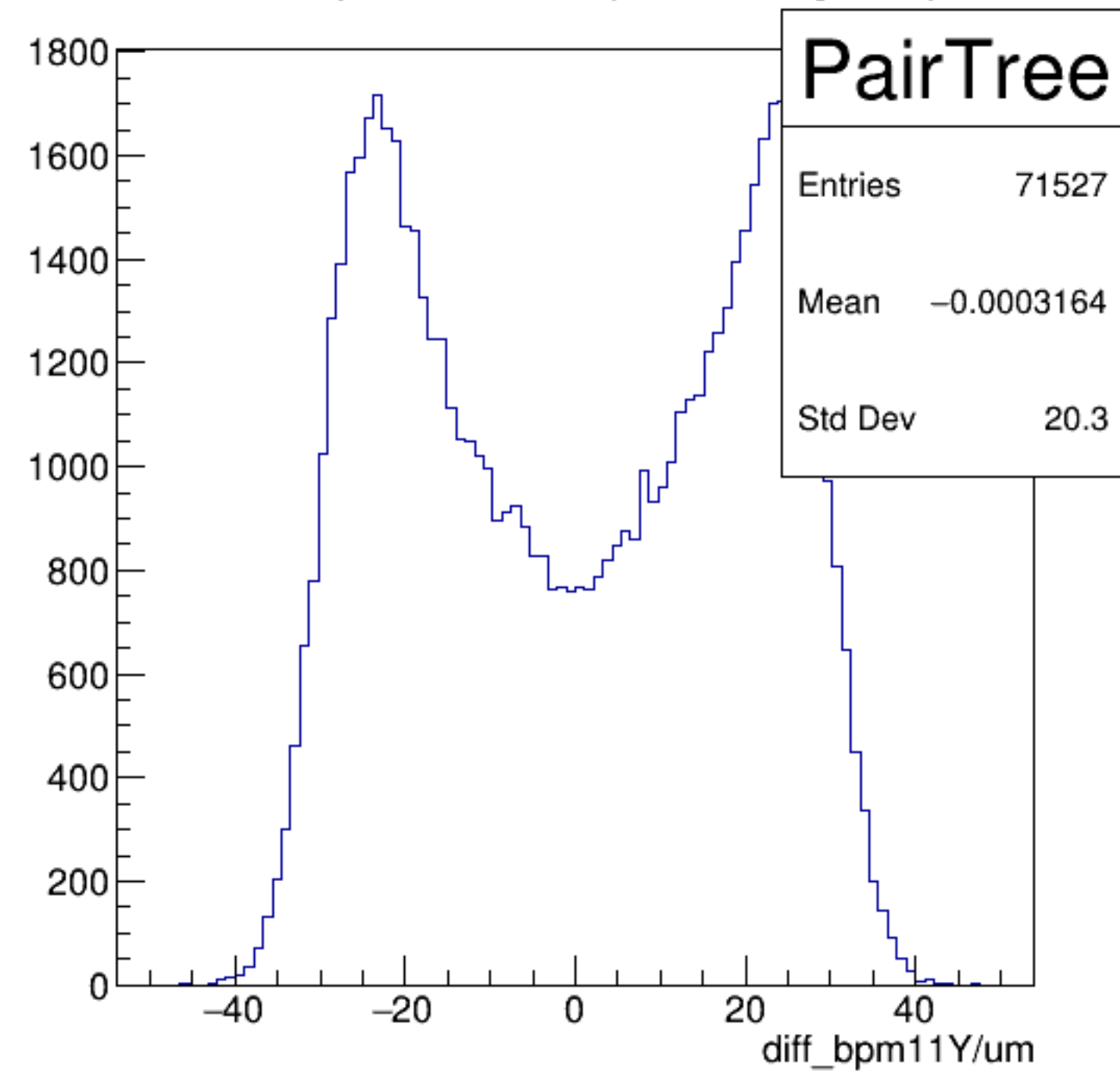
yield_bpm11Y/mm {ErrorFlag==0}



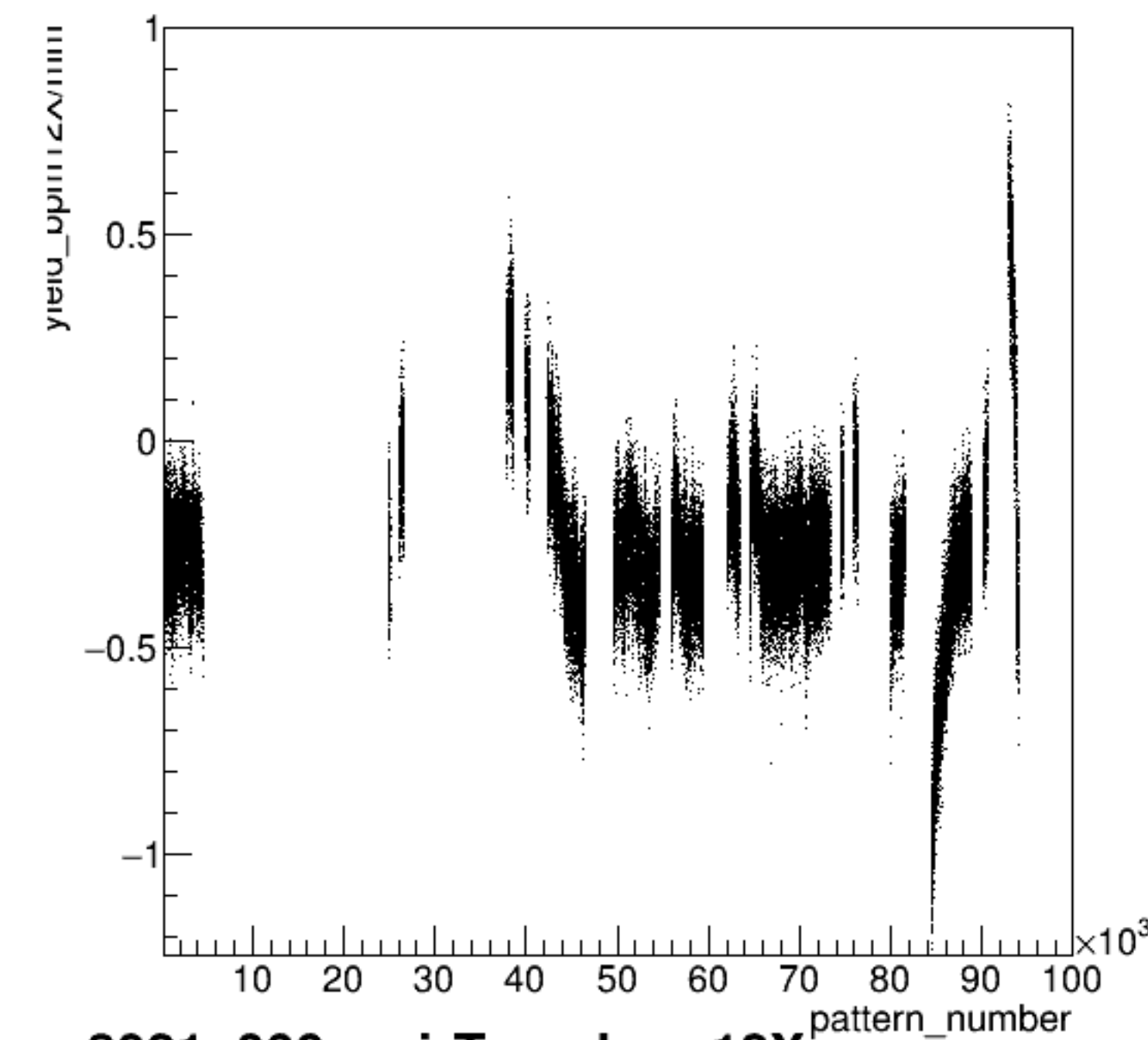
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diff_bpm11Y/um {ErrorFlag==0}

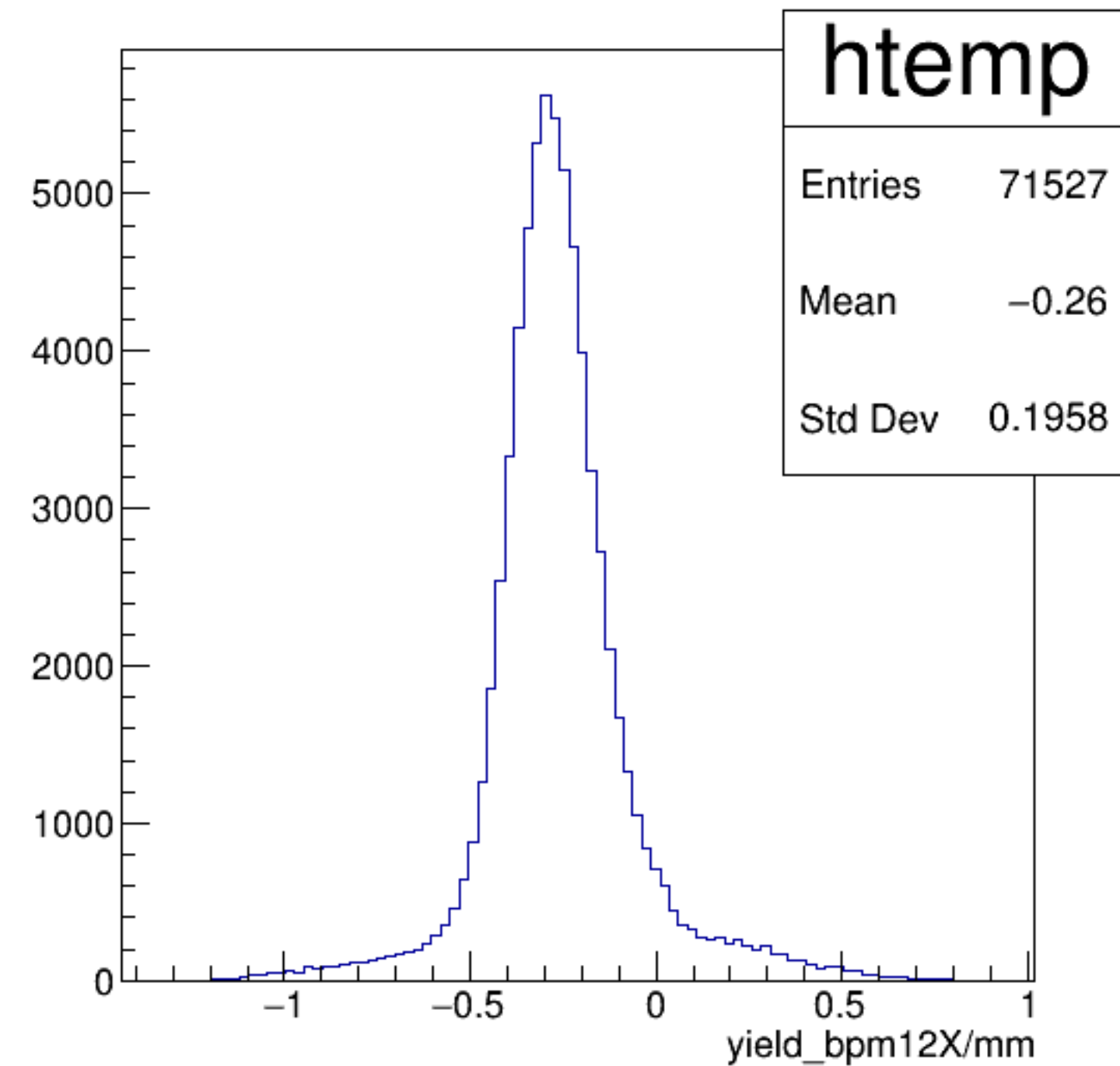


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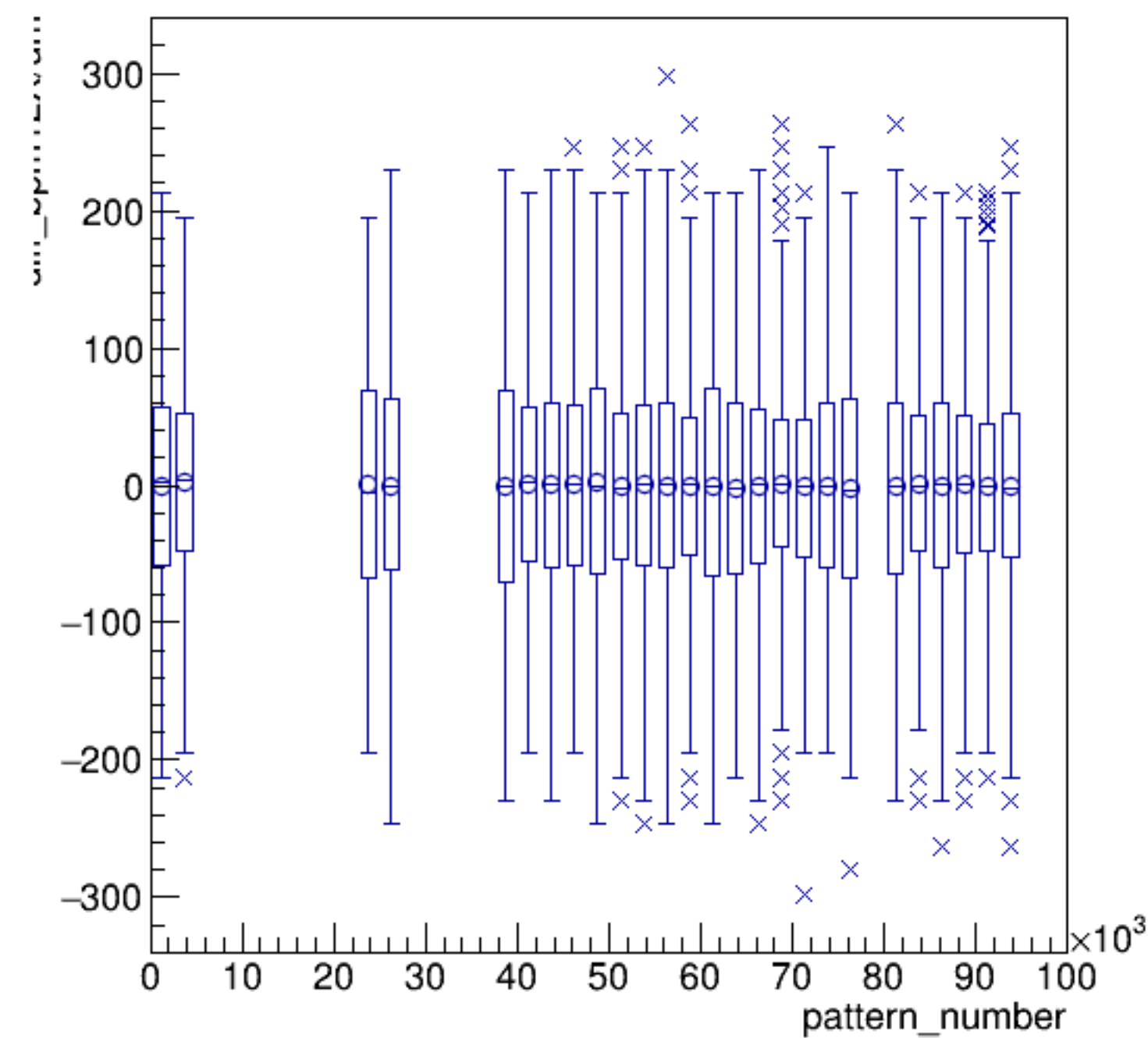


run8021_000_pairTree_bpm12X.png

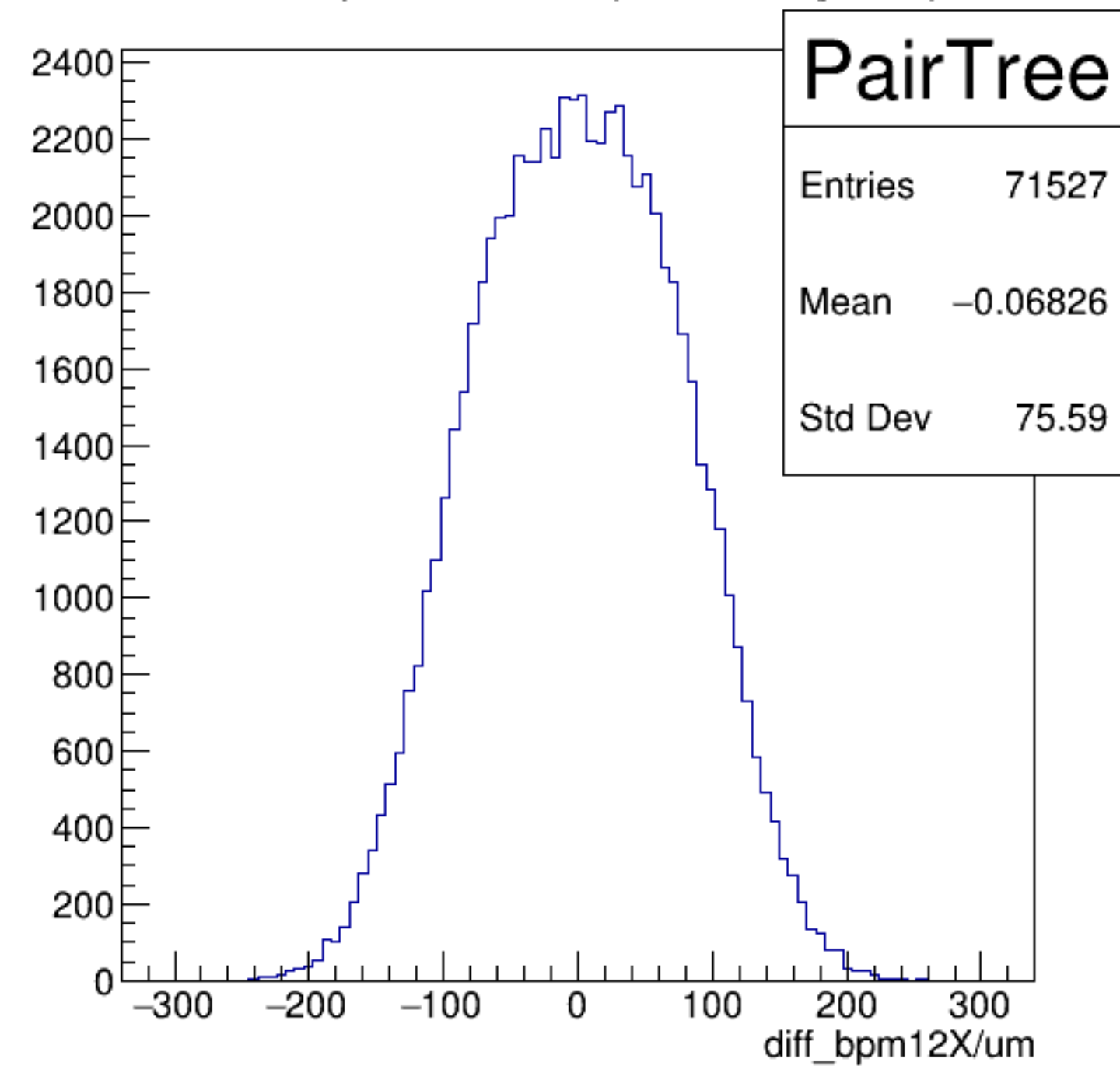
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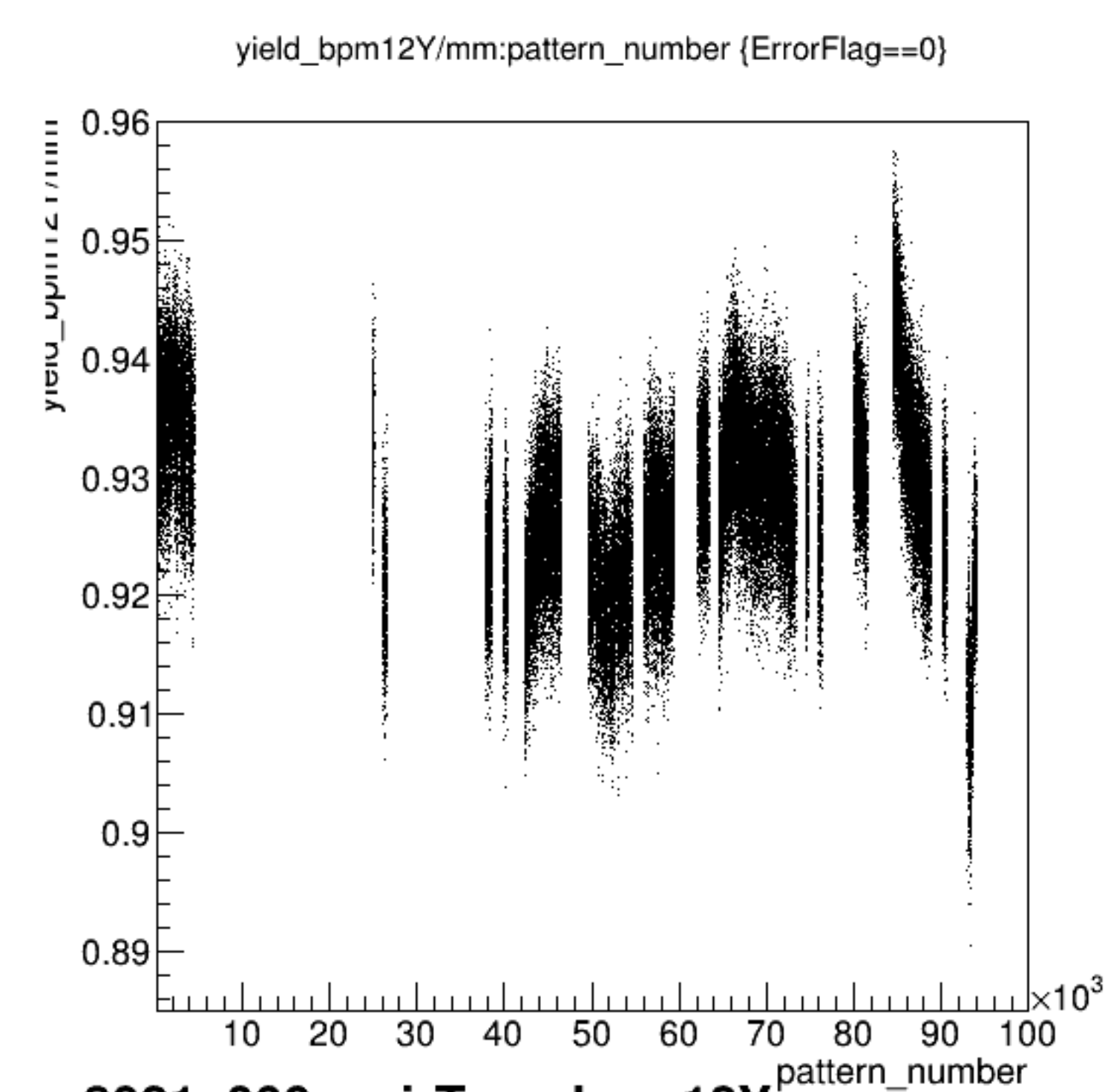


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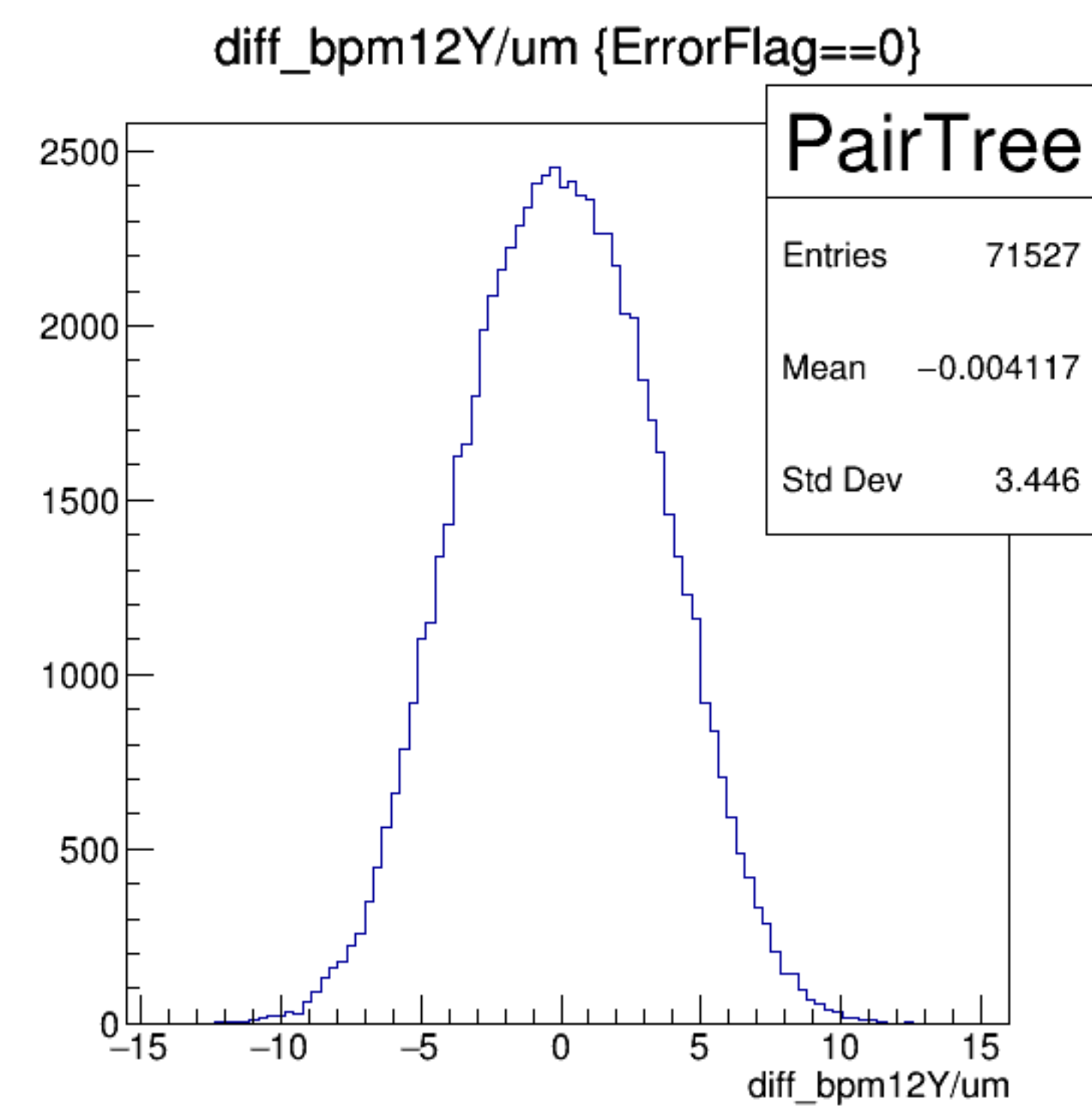
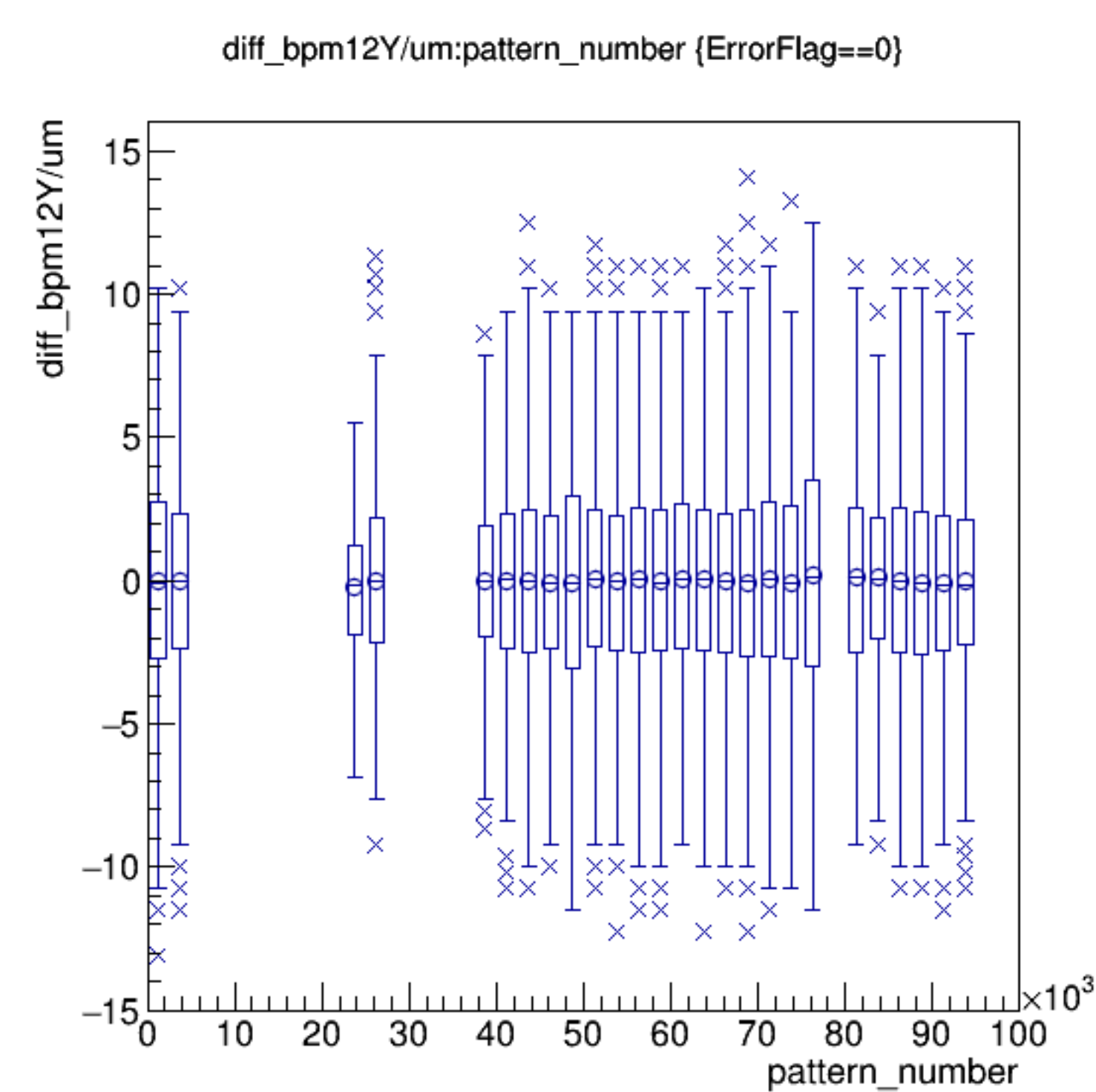
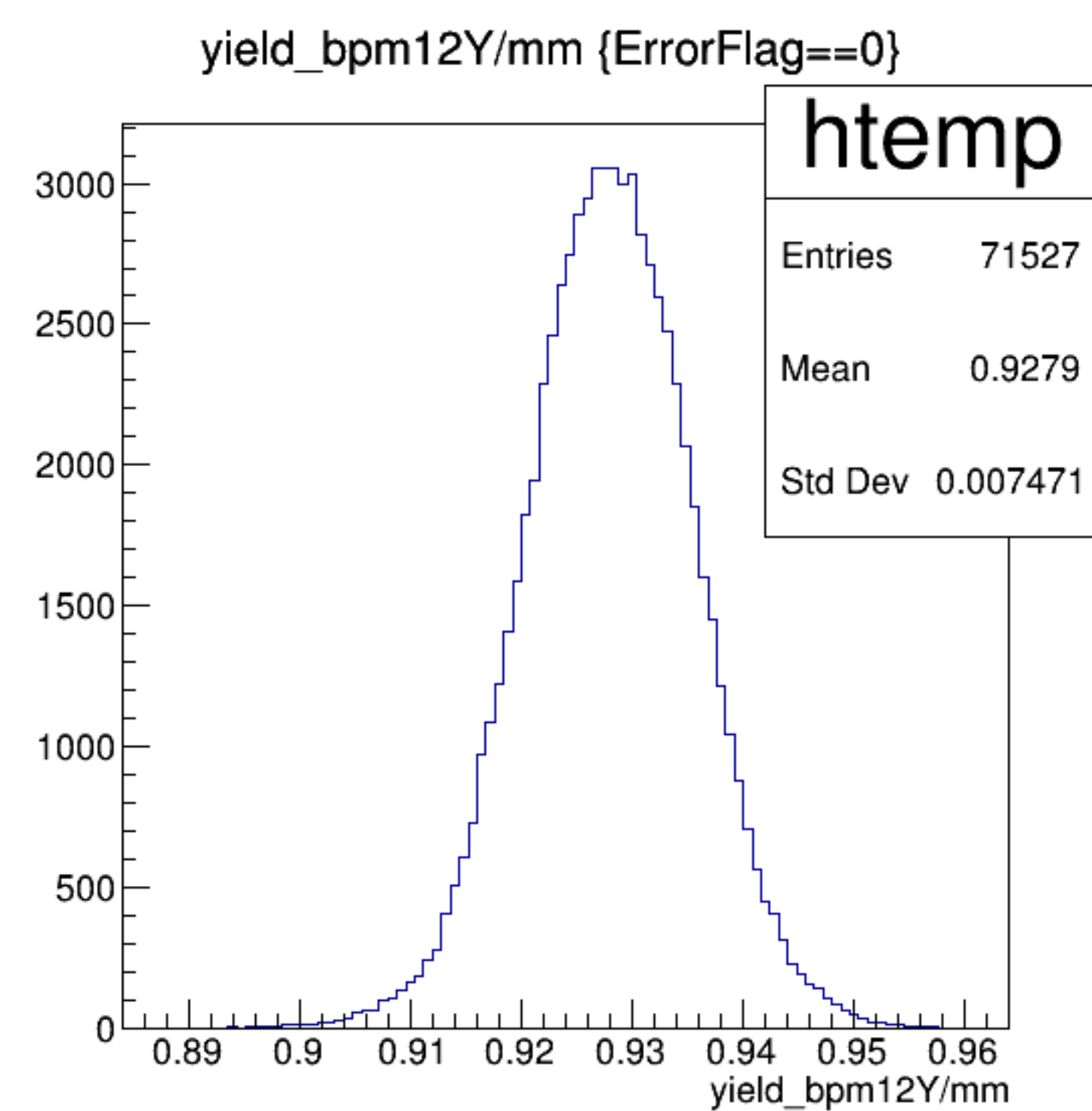


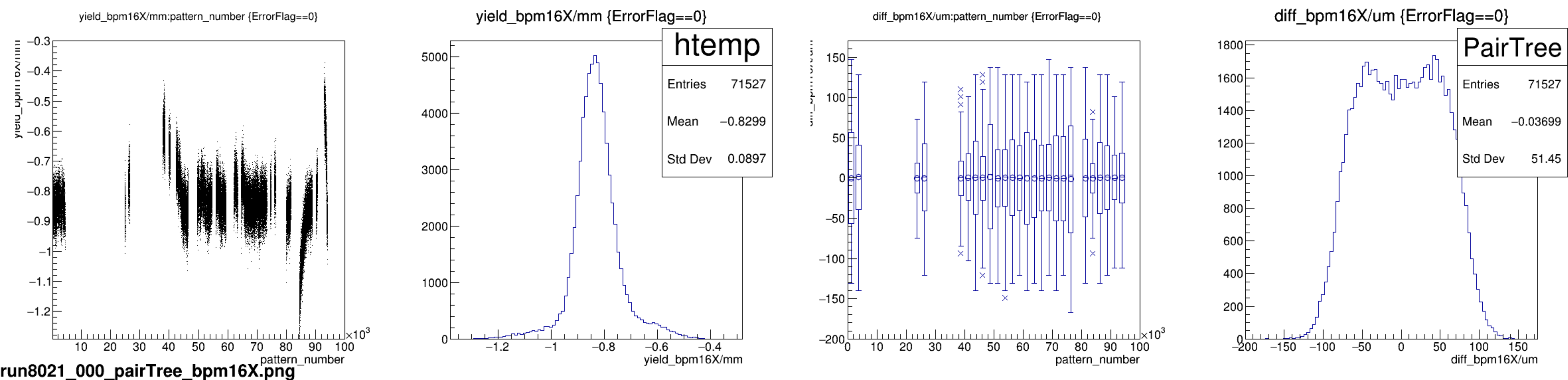
diff_bpm12X/um {ErrorFlag==0}



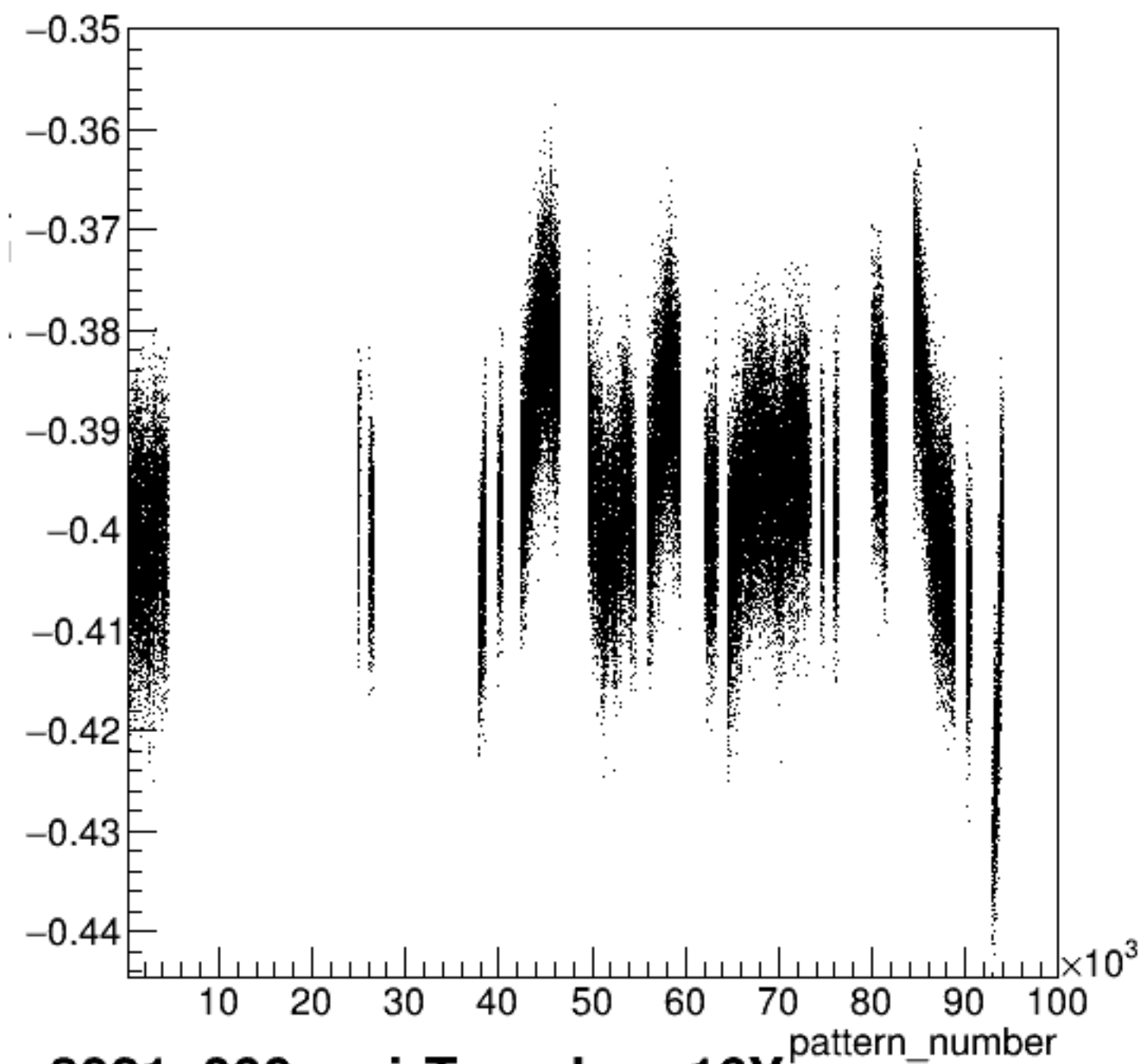


run8021_000_pairTree_bpm12Y.png

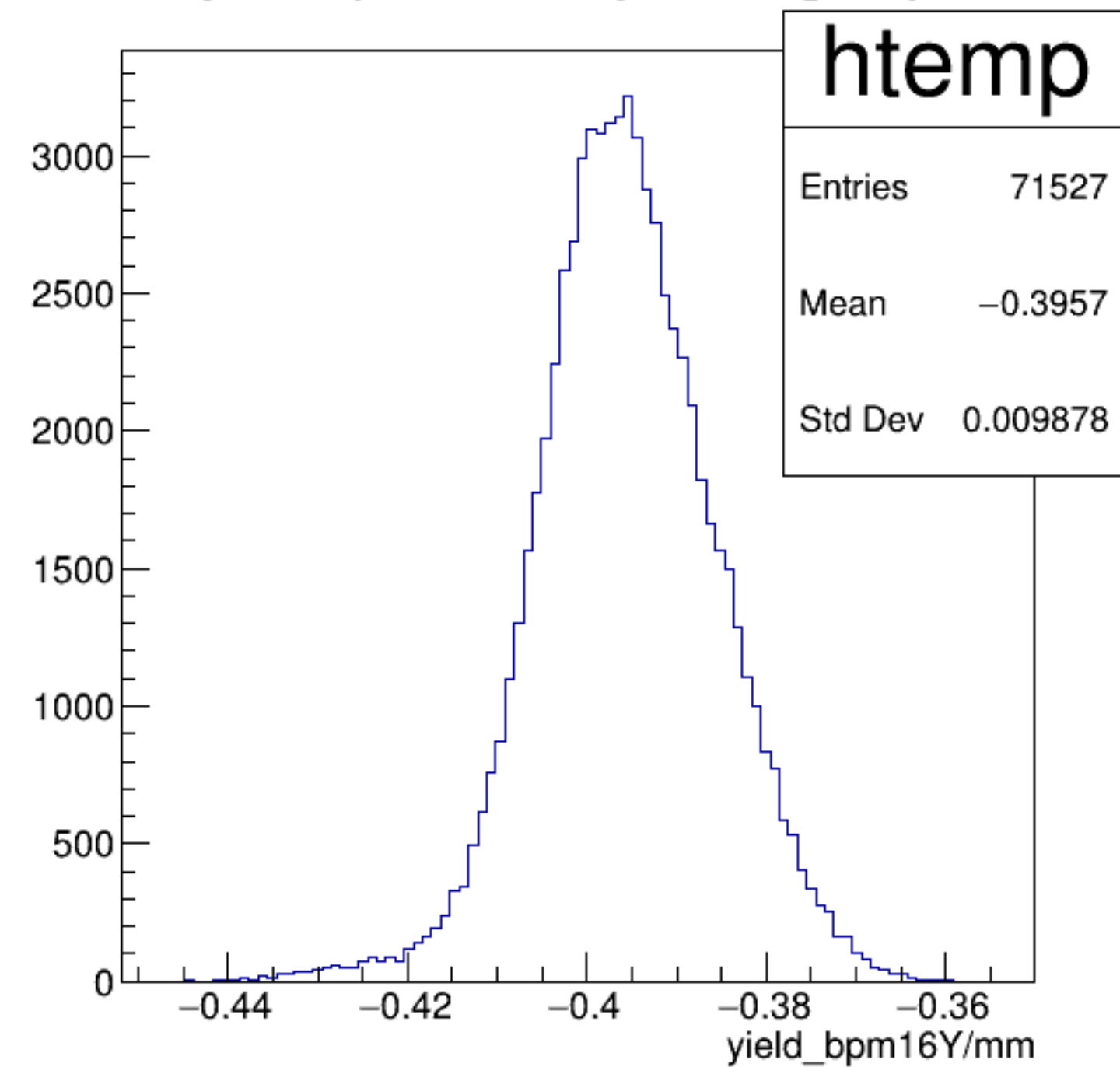




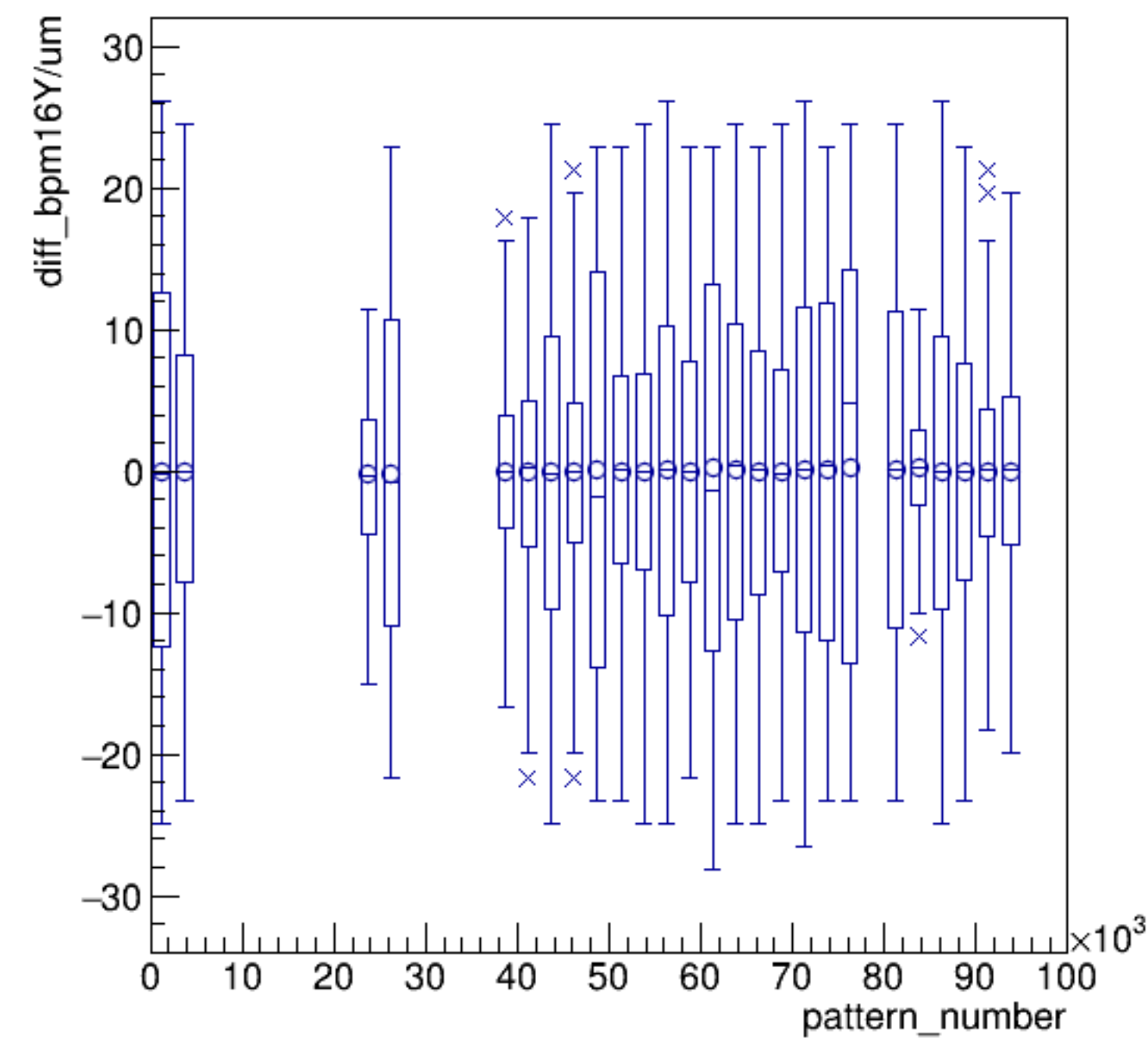
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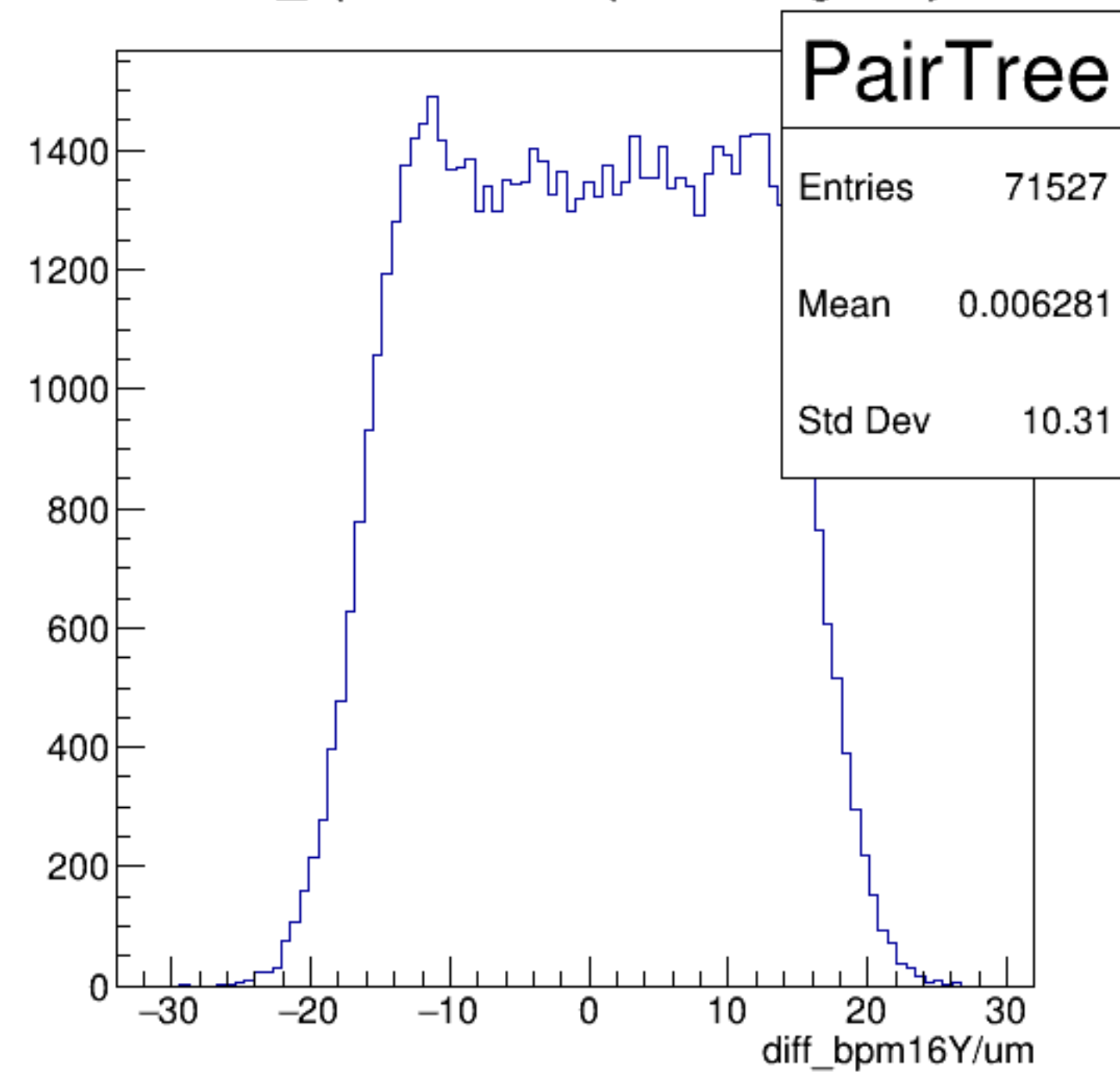
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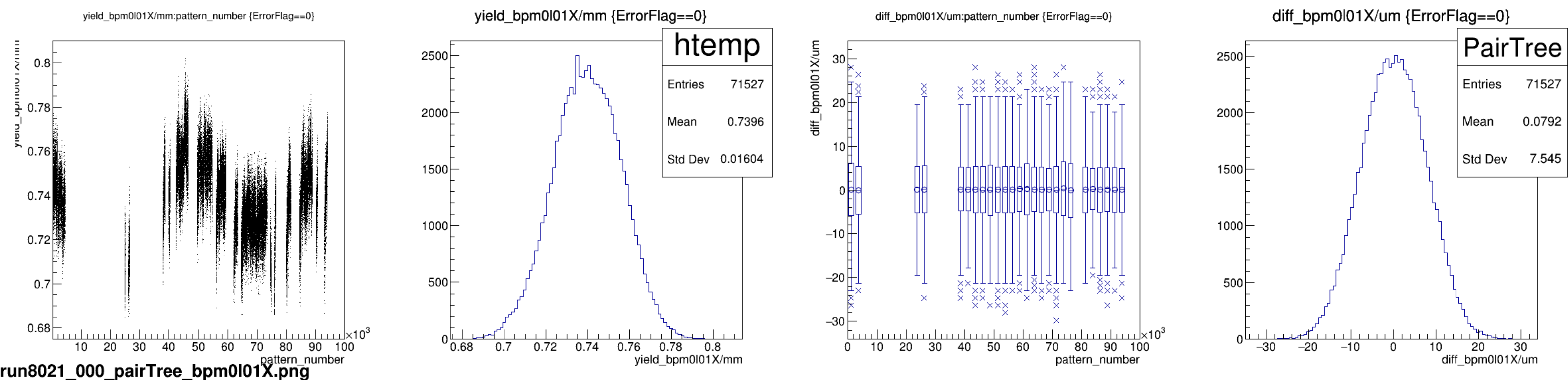


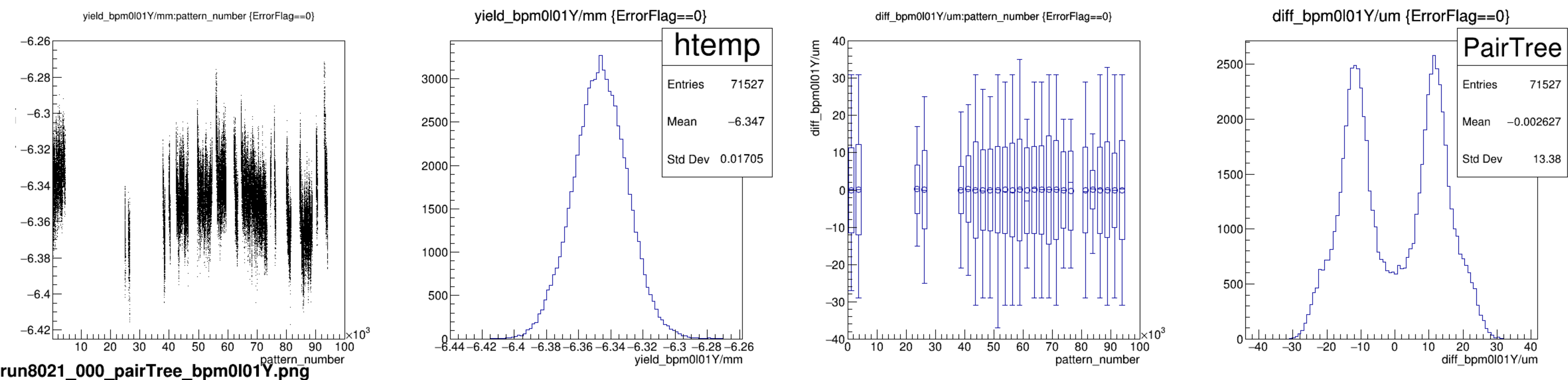
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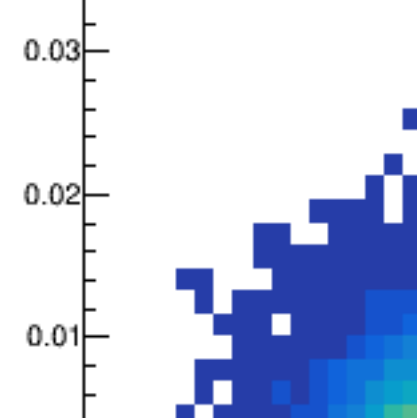


diff_bpm16Y/um {ErrorFlag==0}





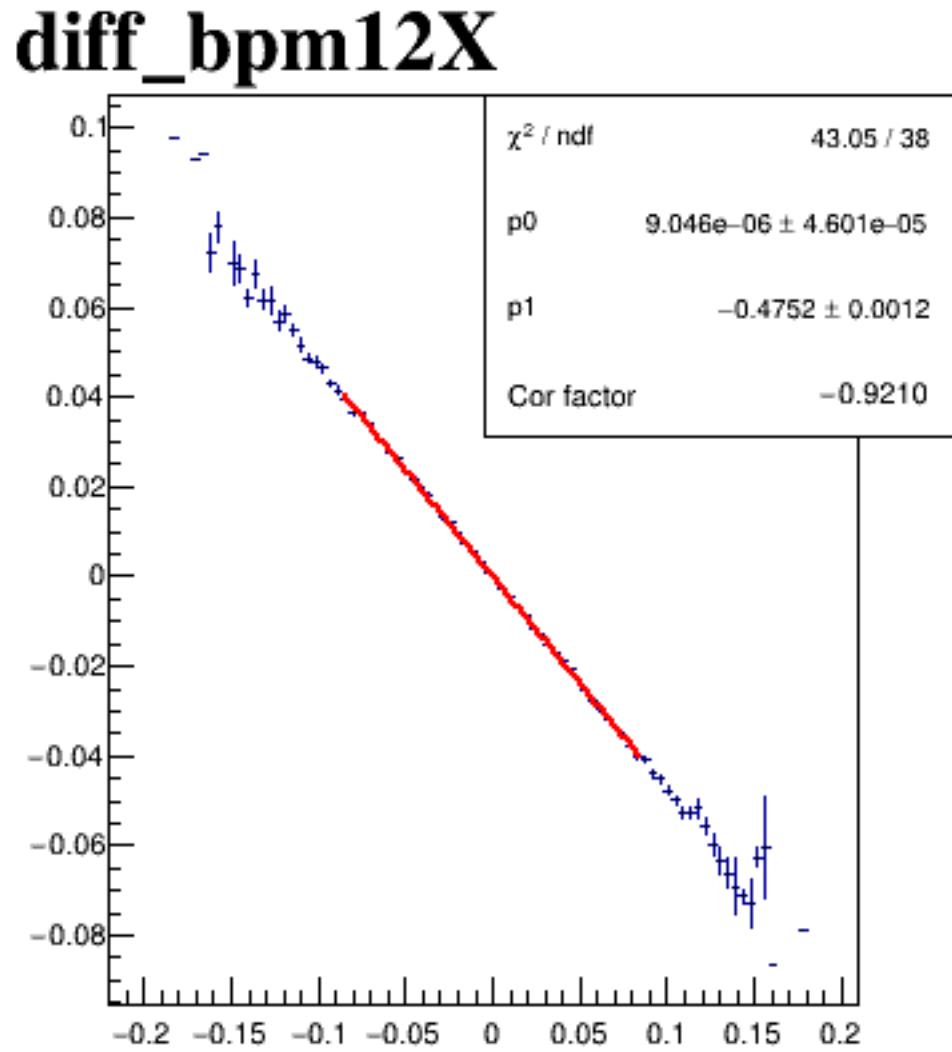
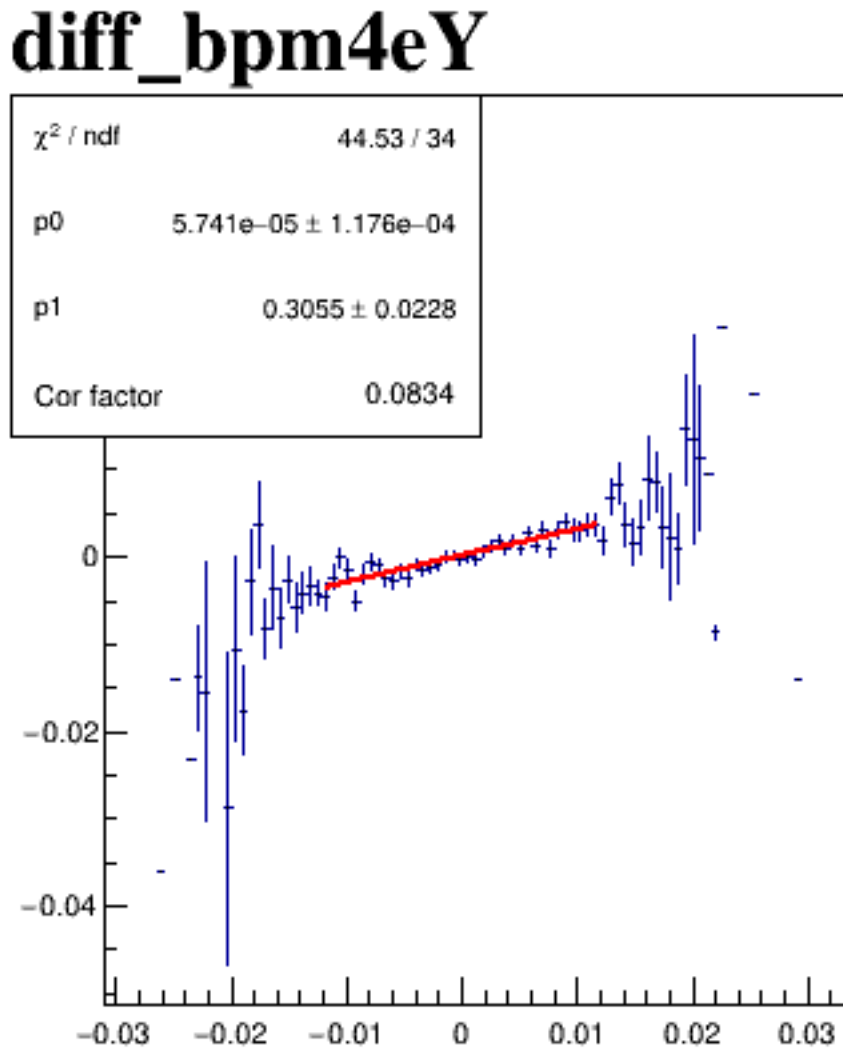
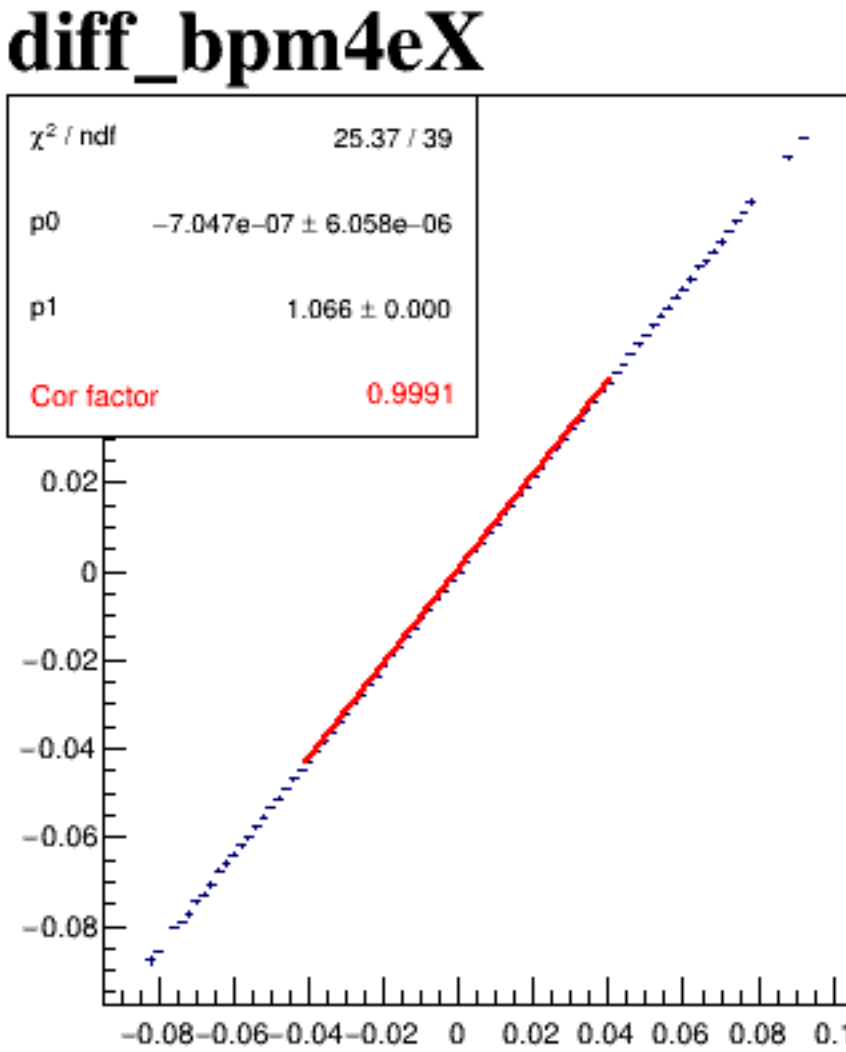
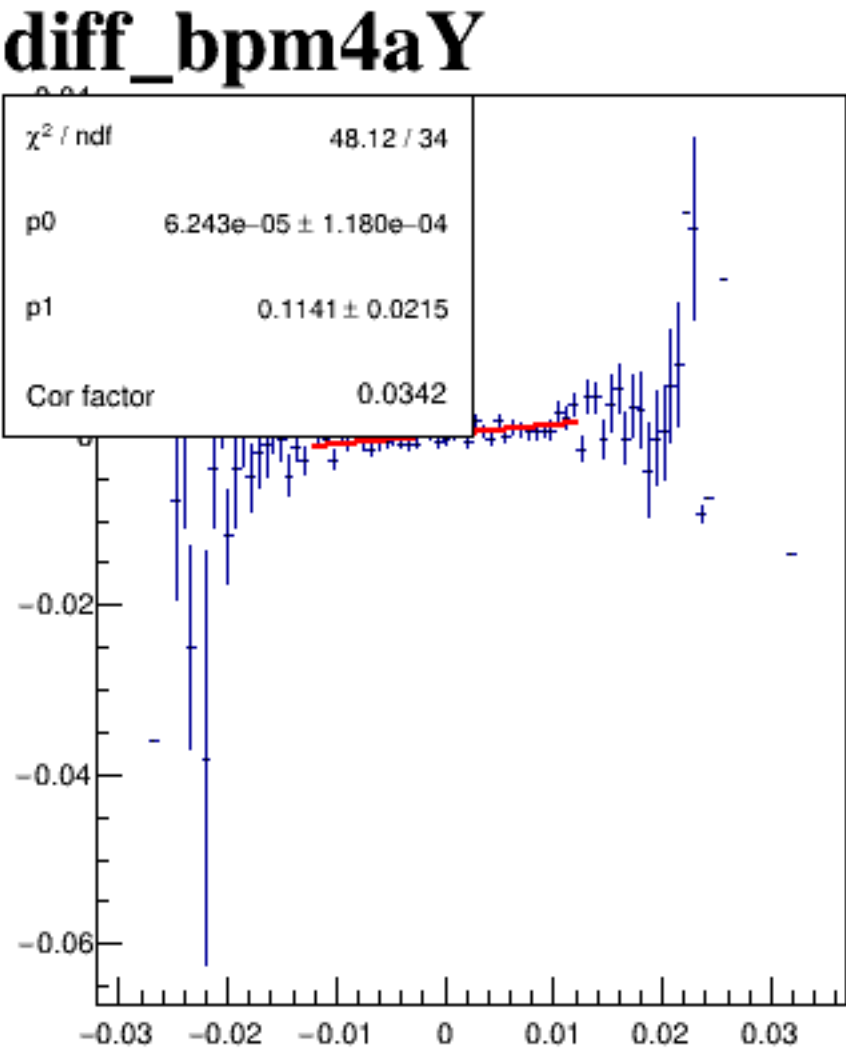
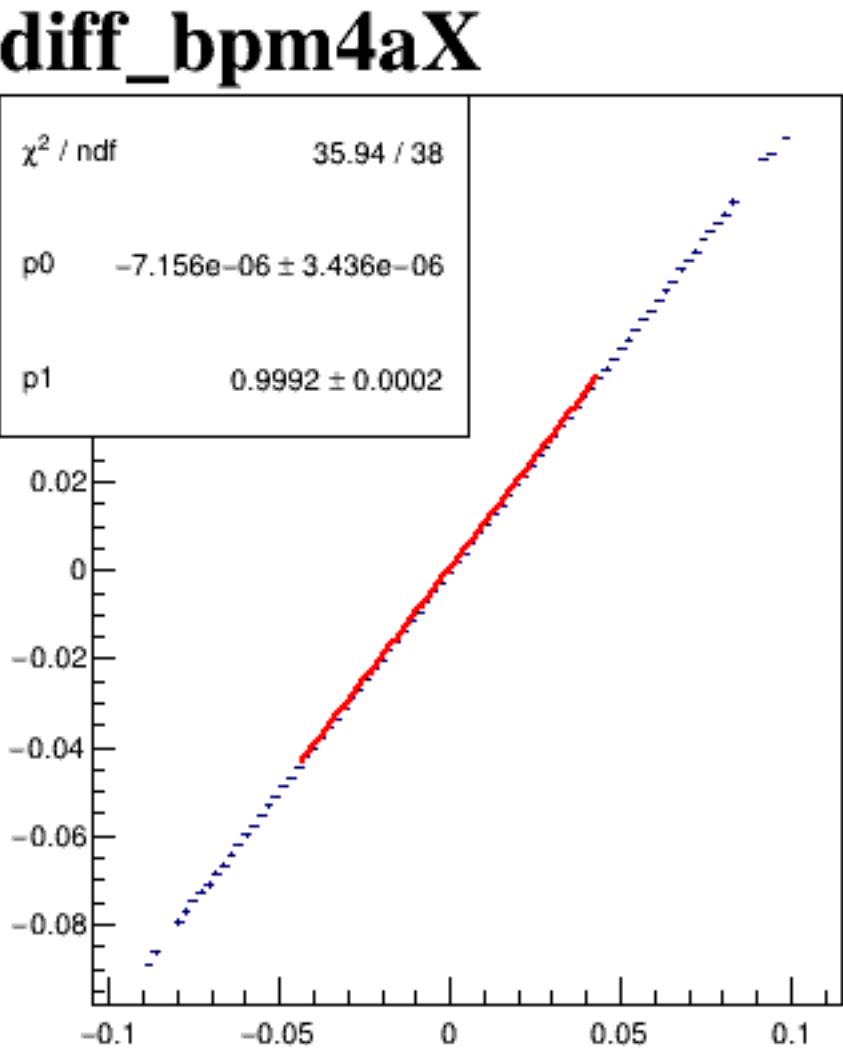




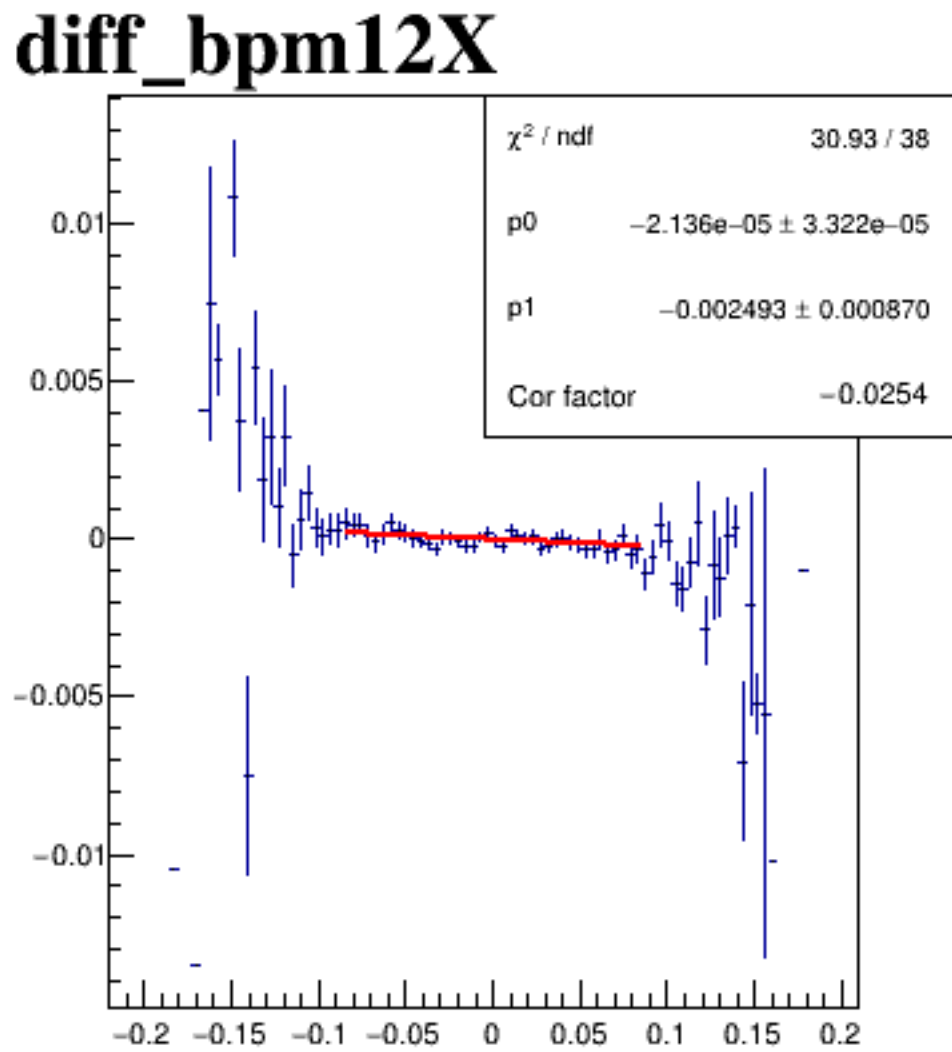
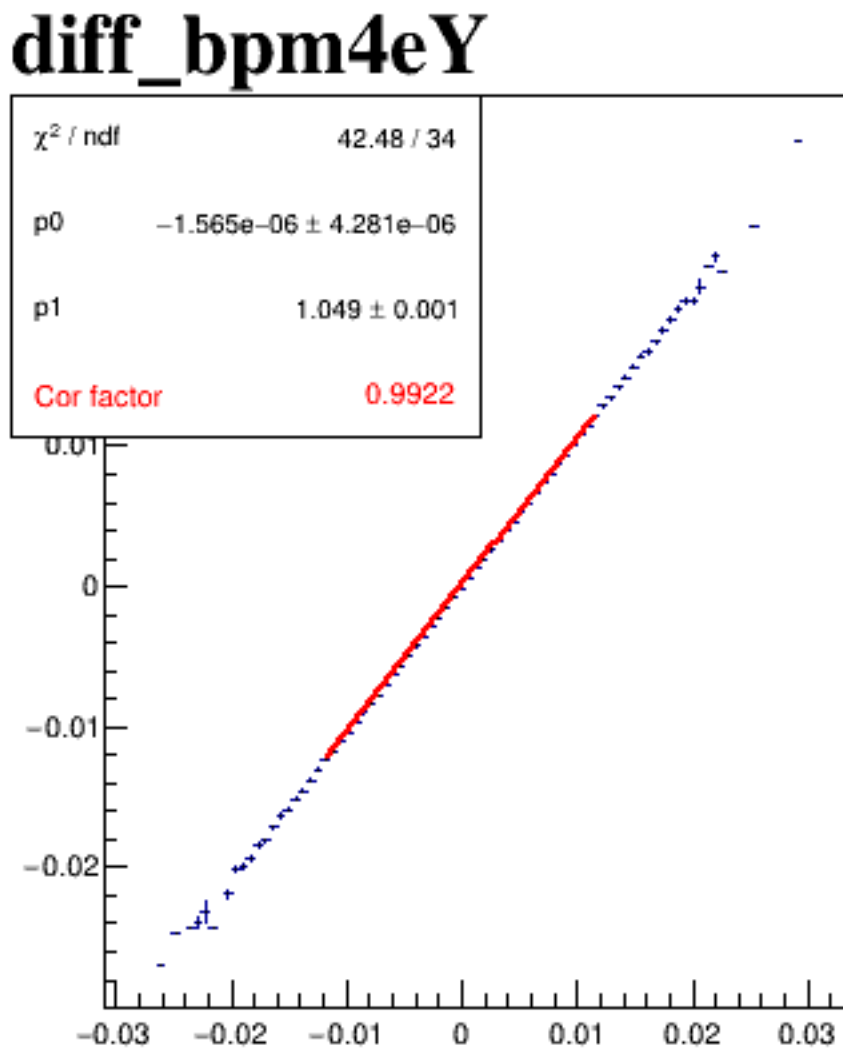
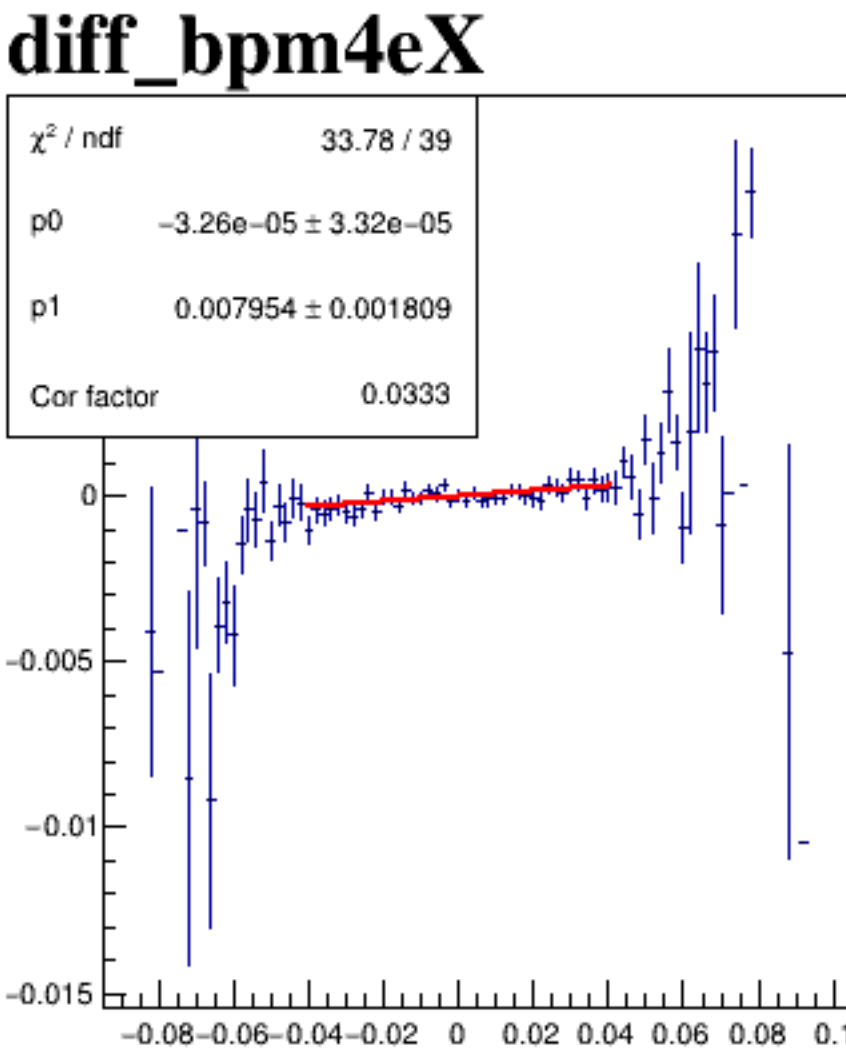
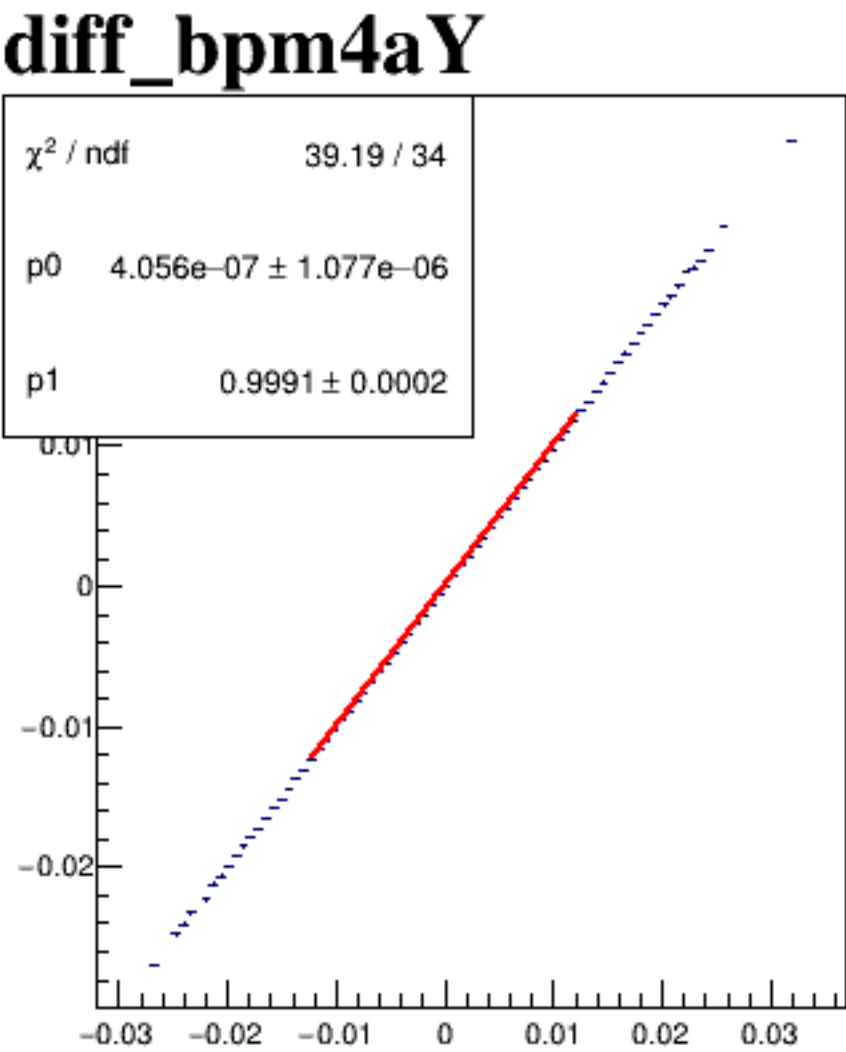
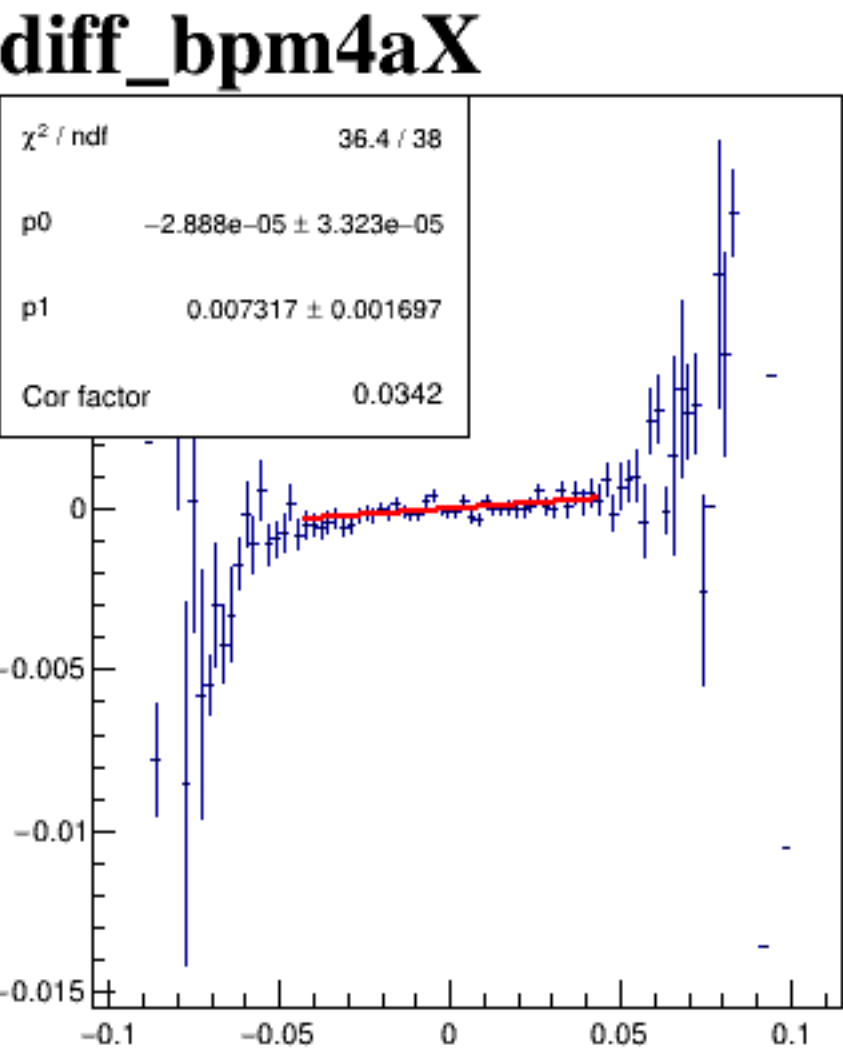
A heatmap showing the distribution of diff_bpm12X (y-axis) versus bpm12X (x-axis). The x-axis ranges from -0.2 to 0.2, and the y-axis ranges from -0.03 to 0.03. The color scale on the right indicates density, ranging from 0 (dark blue) to 350 (yellow). The distribution is centered around $\text{bpm12X} = 0$ and $\text{diff_bpm12X} = 0$, with a peak density of approximately 350.

run8021_000_diff_bpm_mutual_correlation_COLZ_default.png

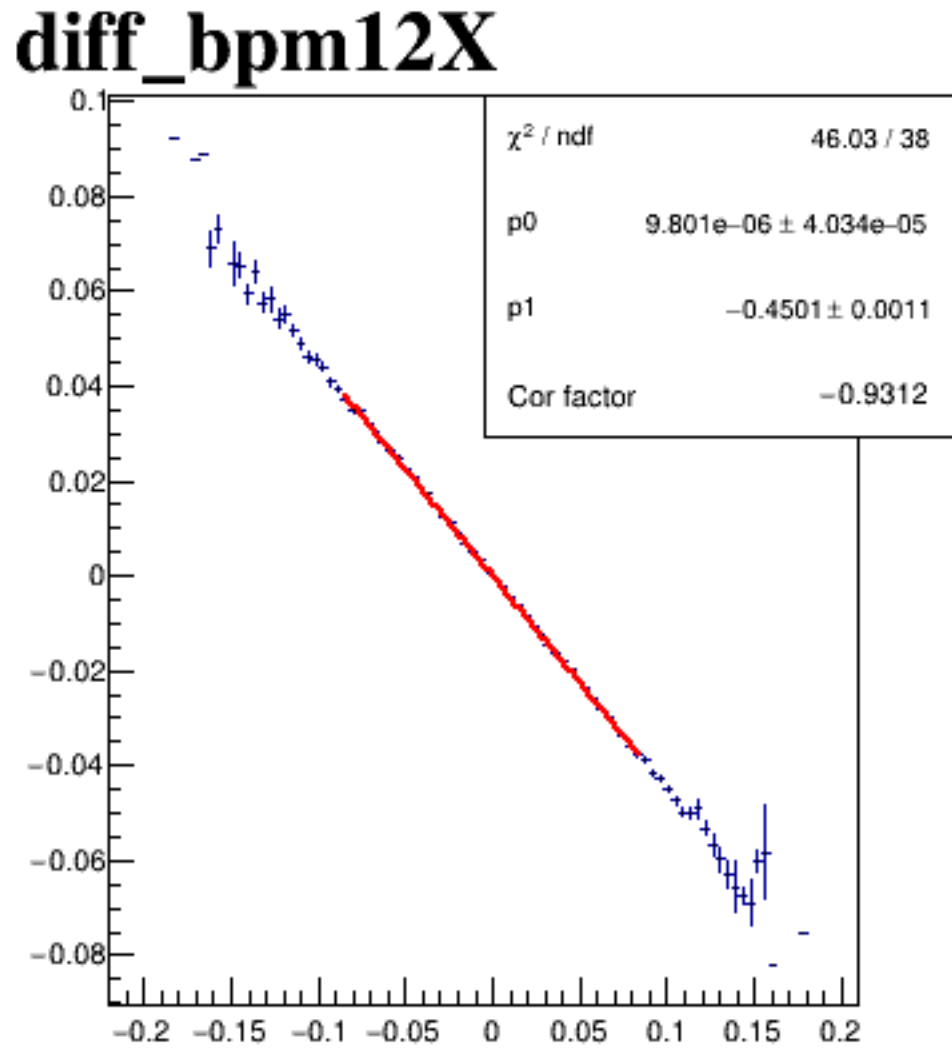
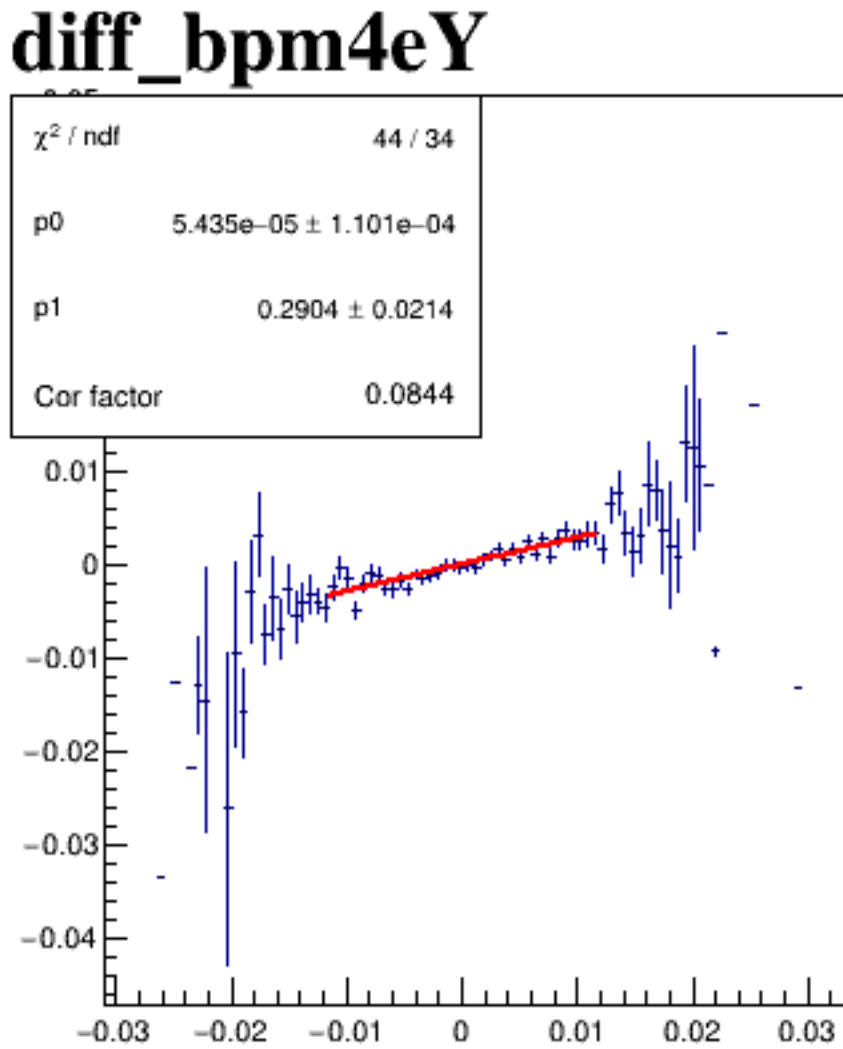
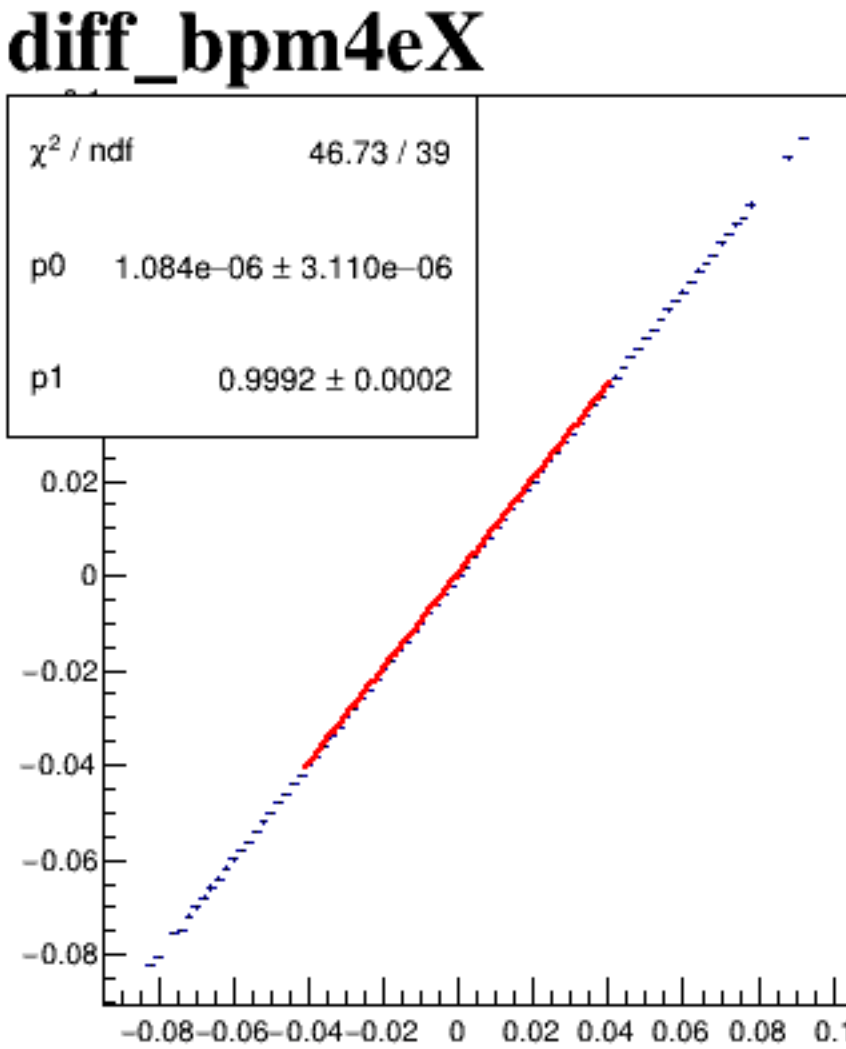
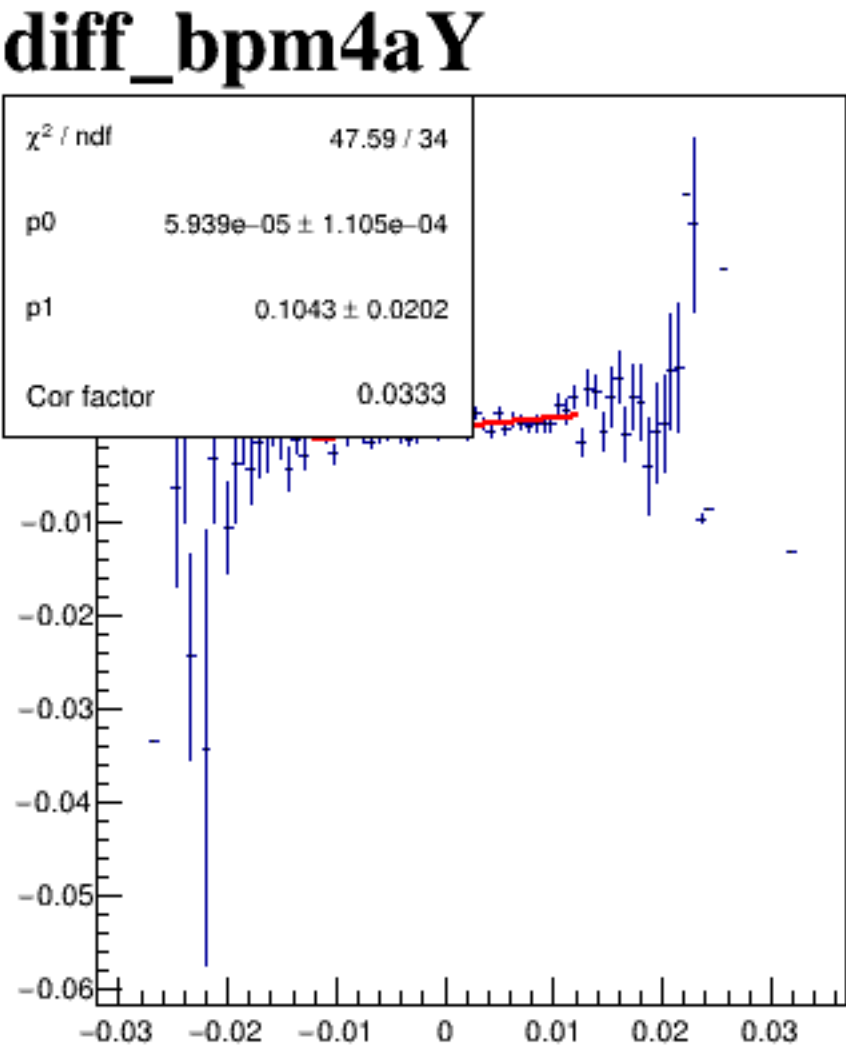
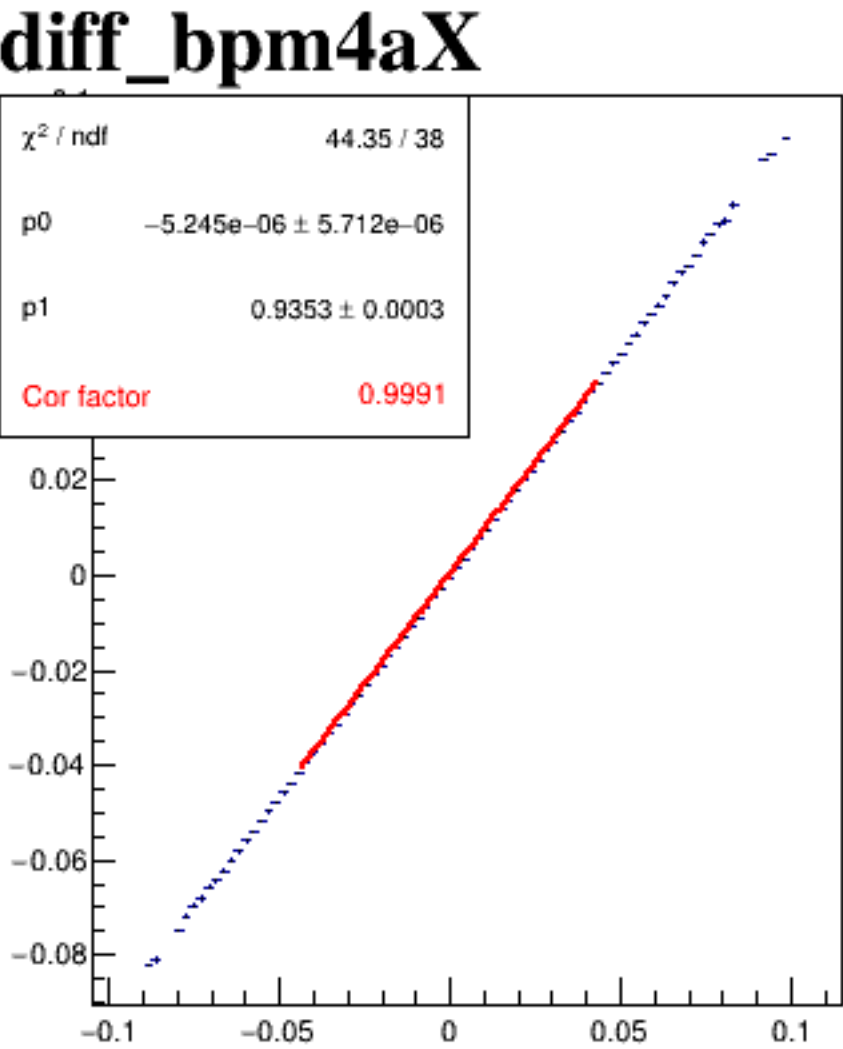
diff_bpm4aX



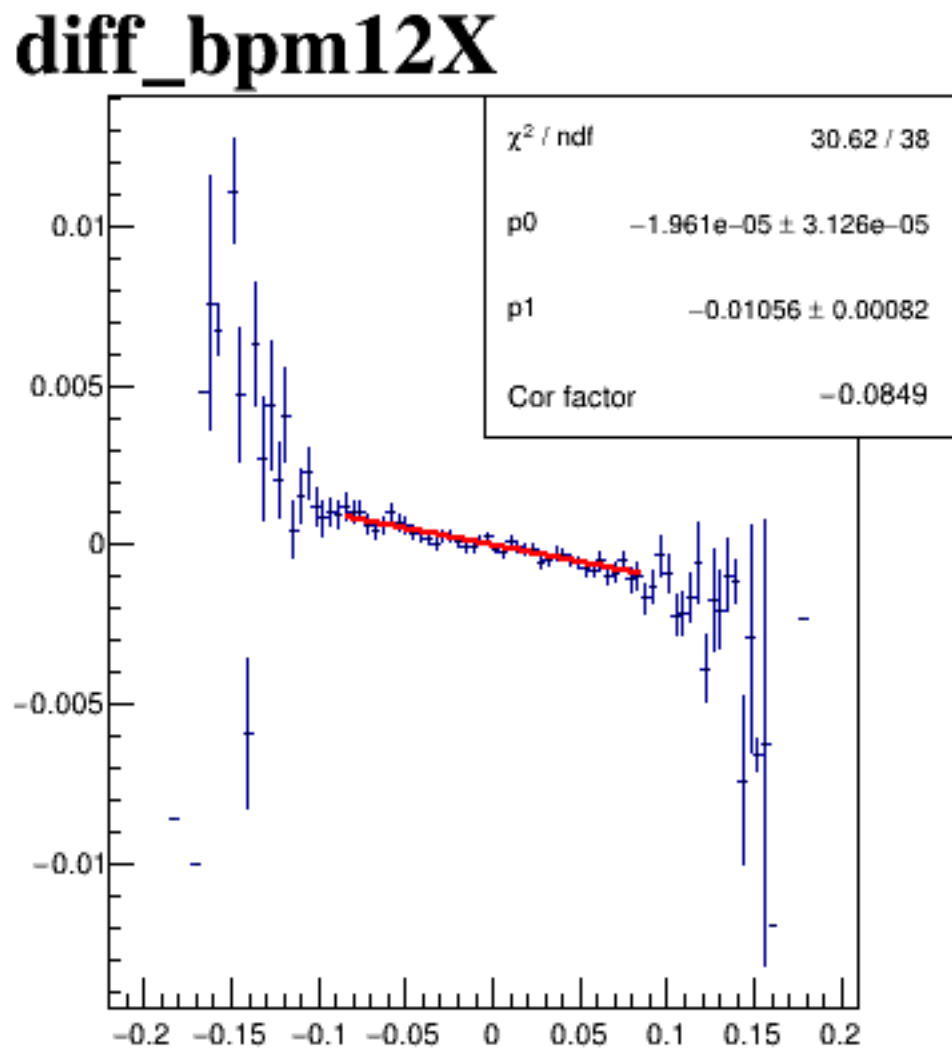
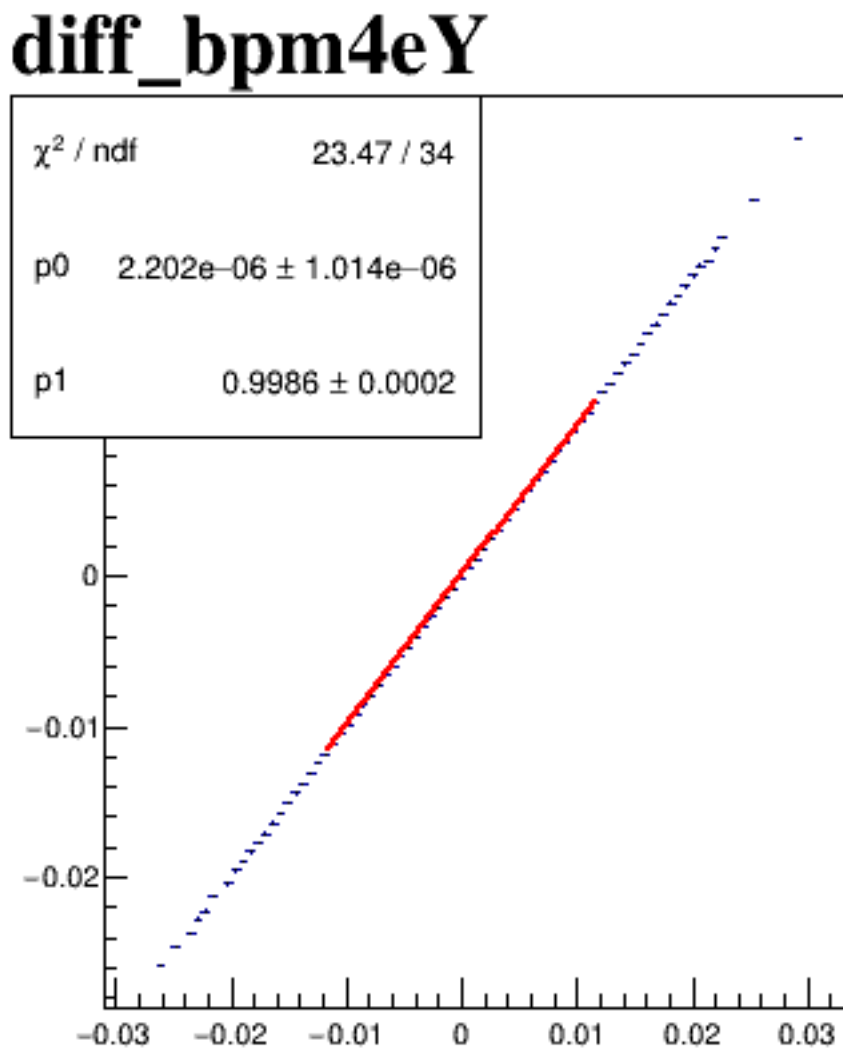
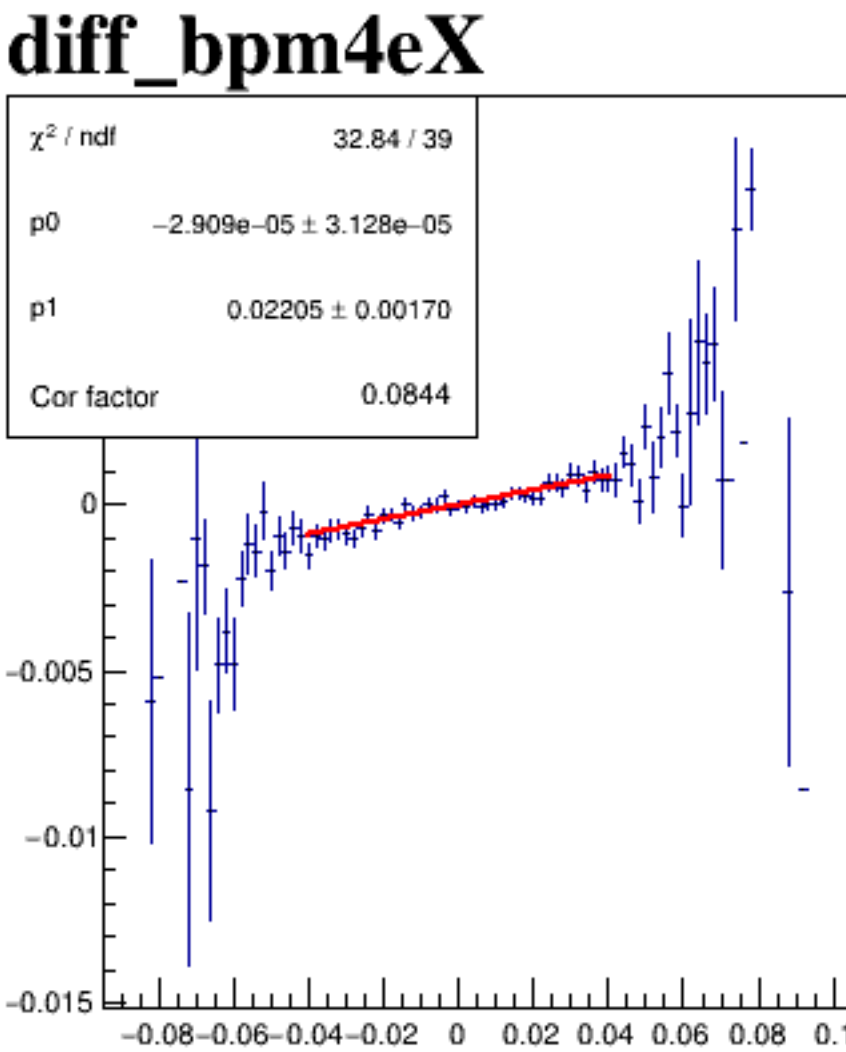
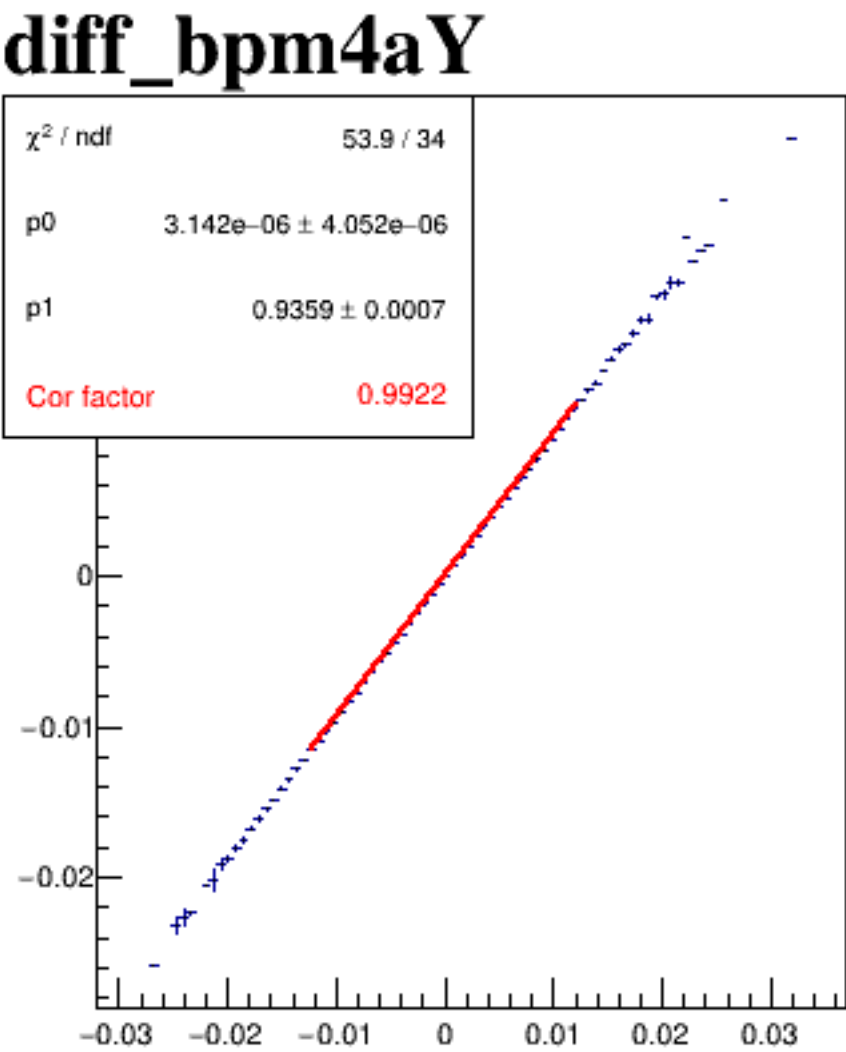
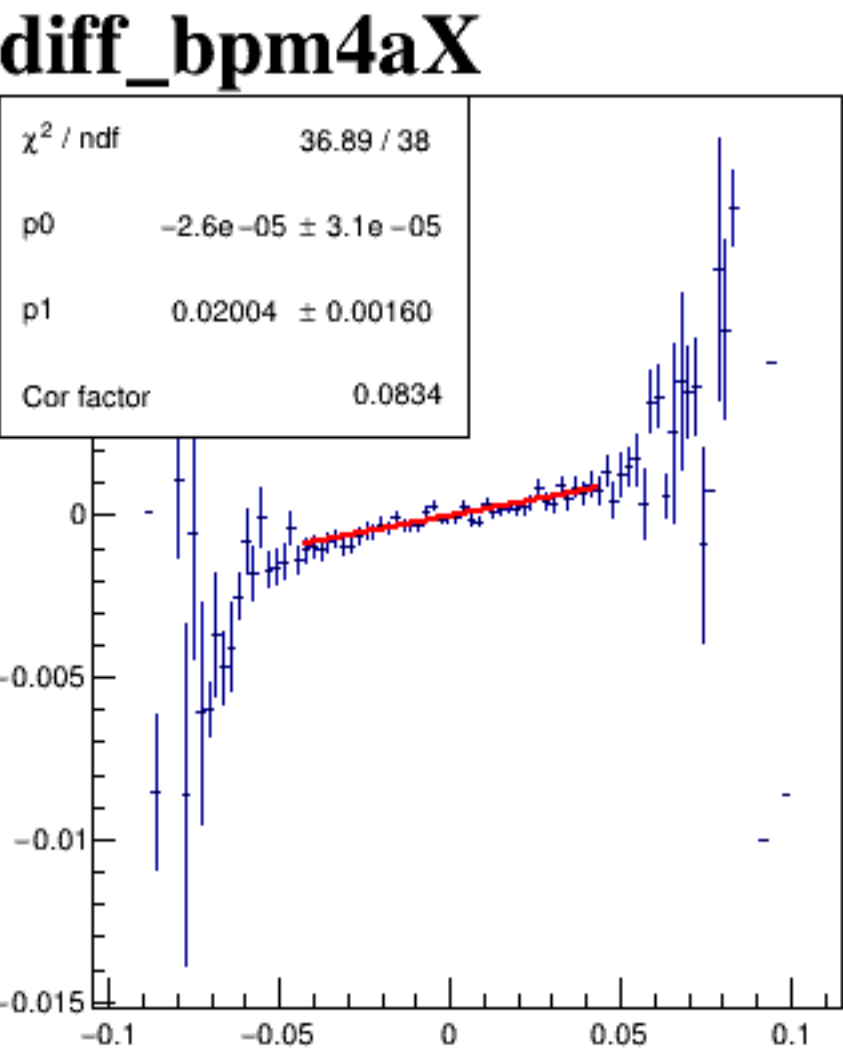
diff_bpm4aY



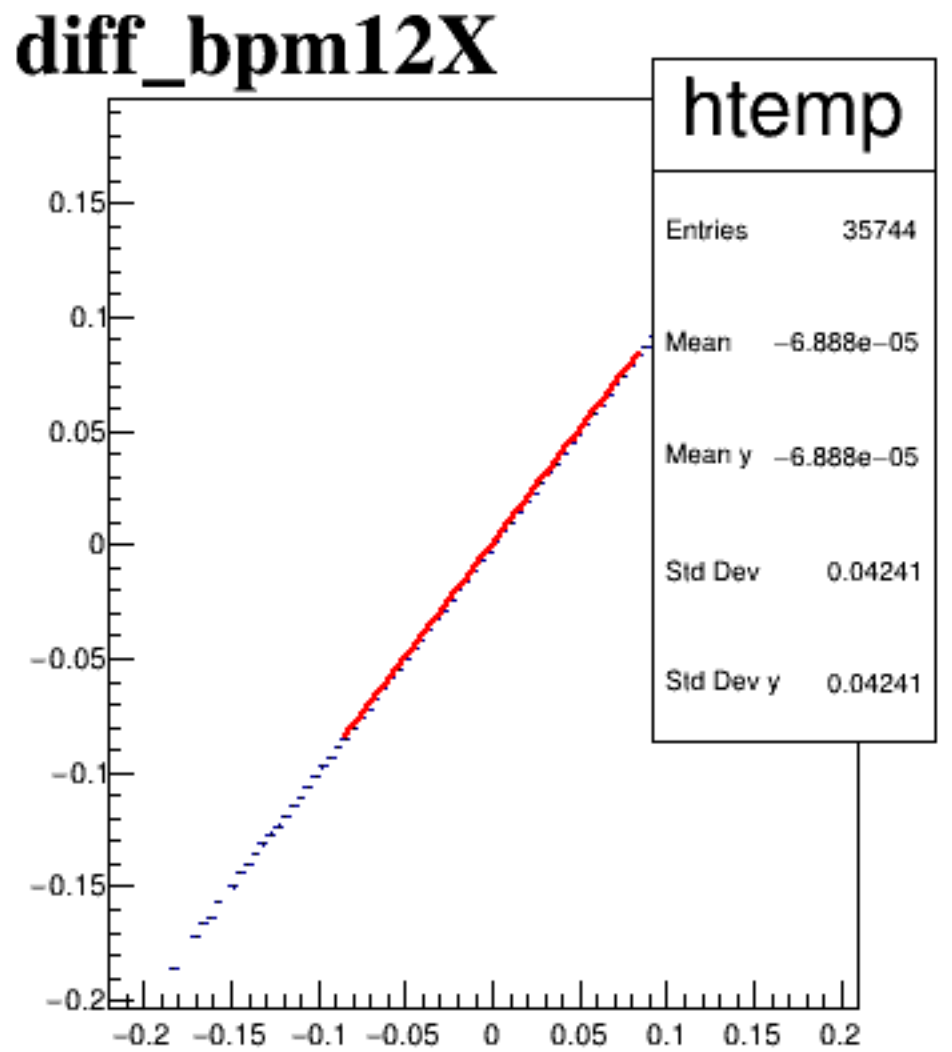
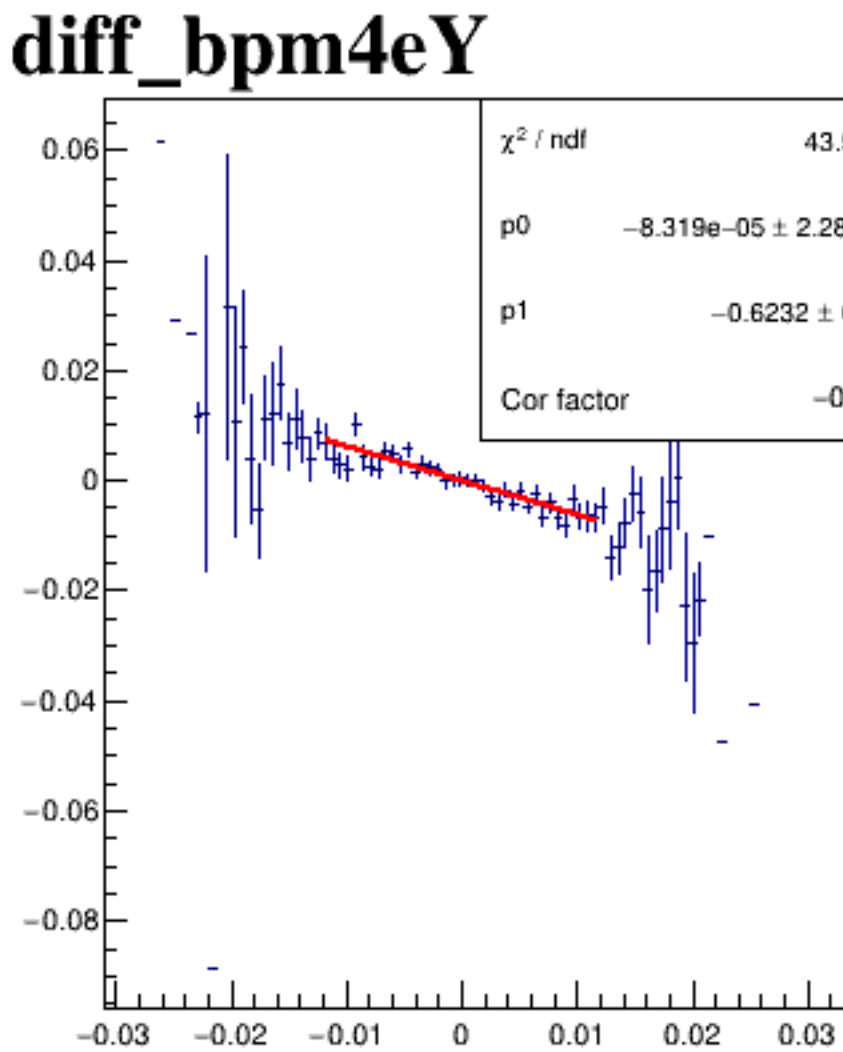
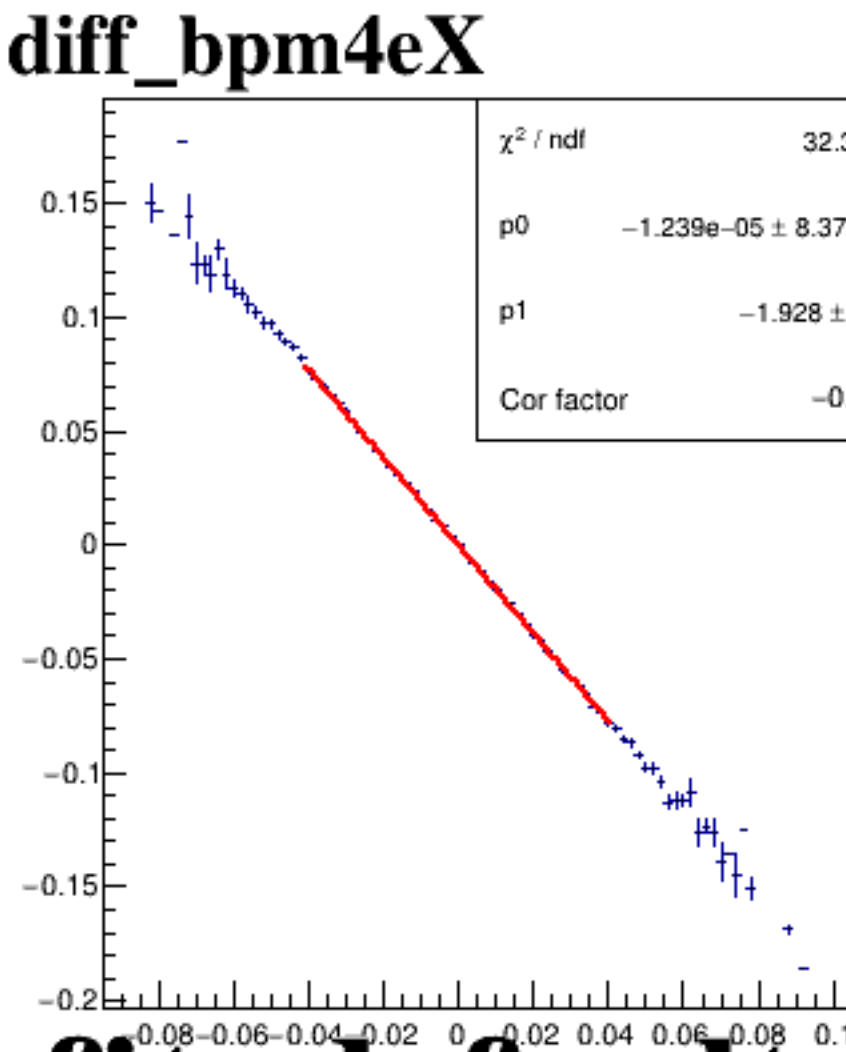
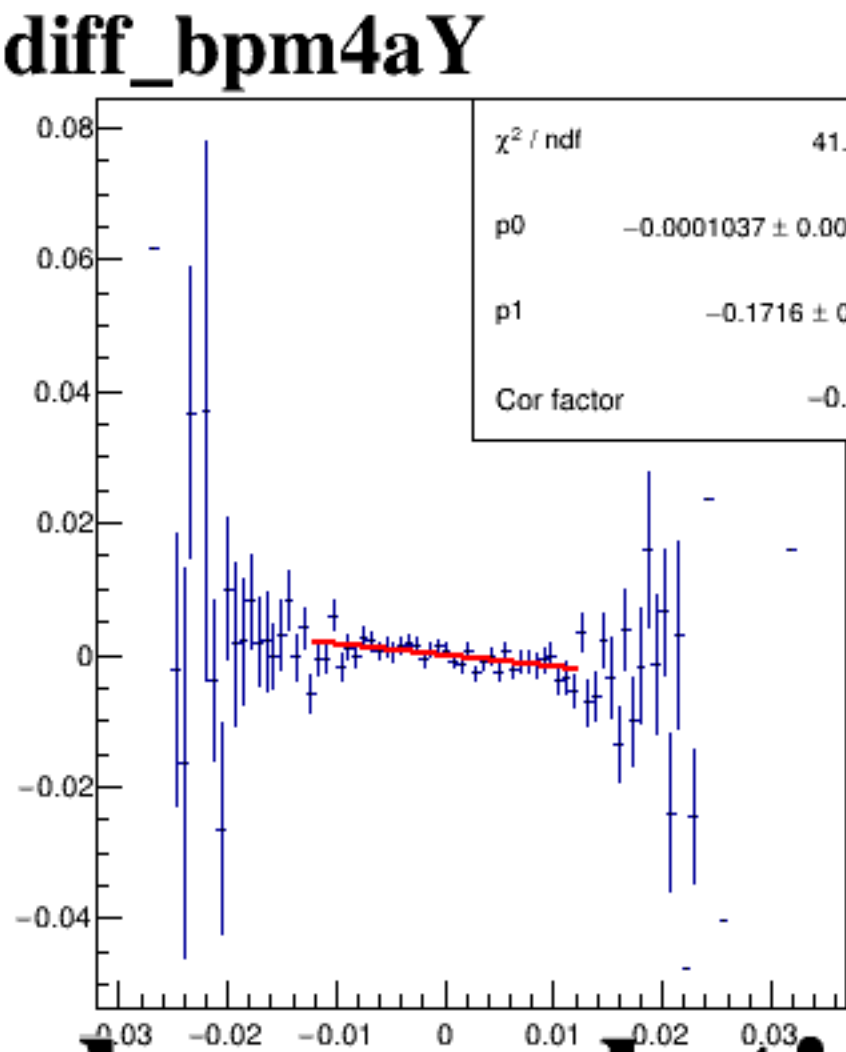
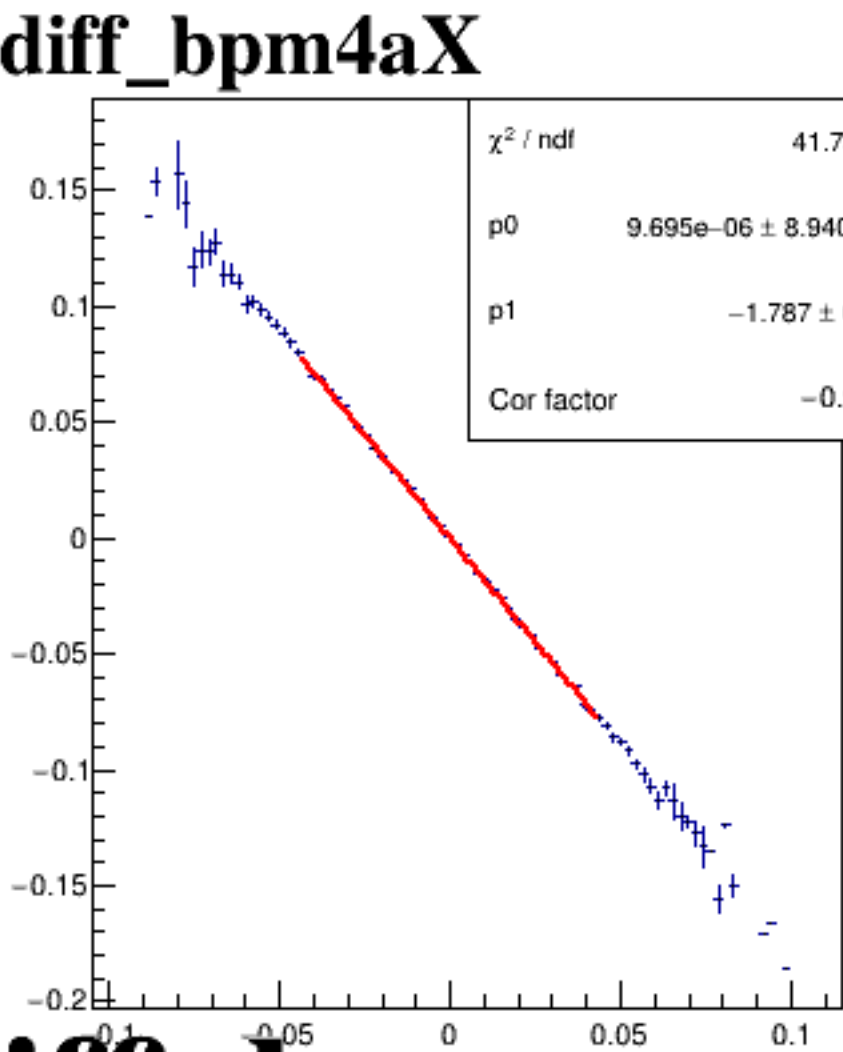
diff_bpm4eX

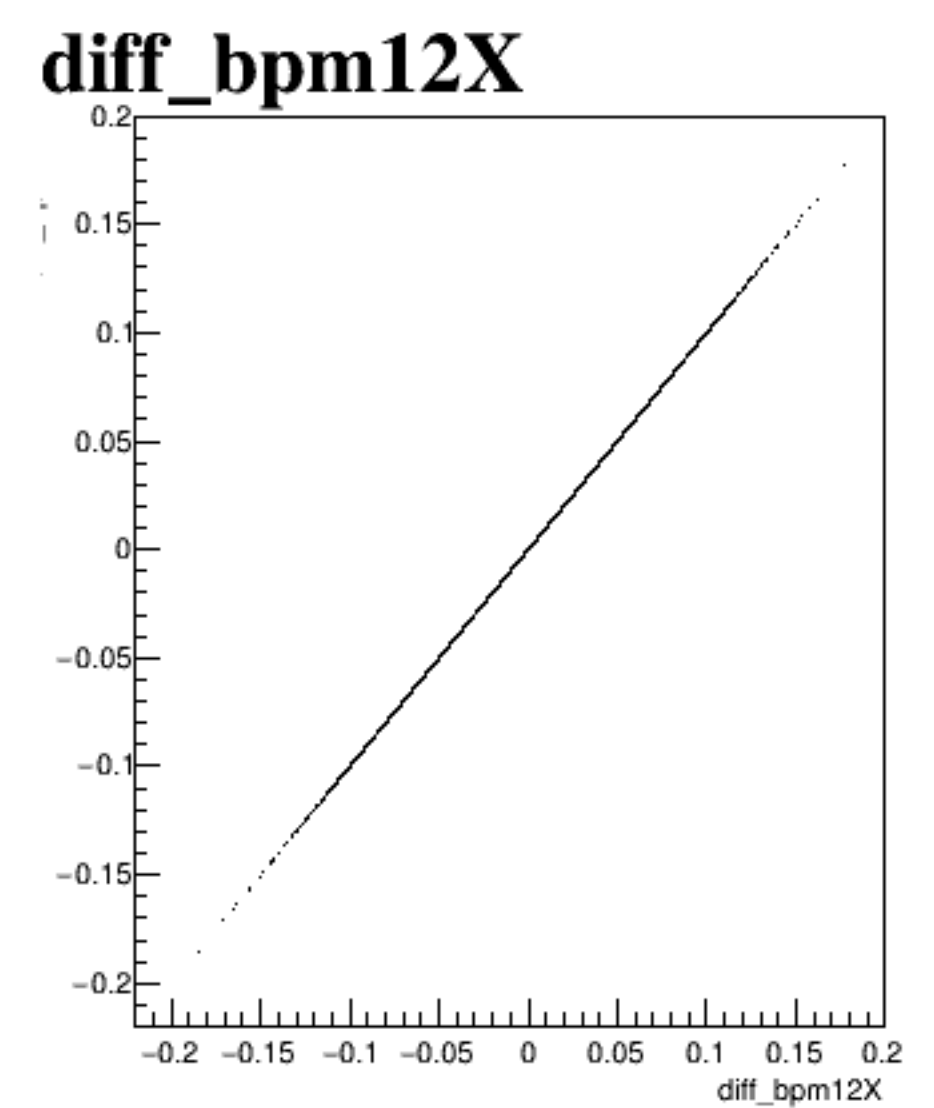
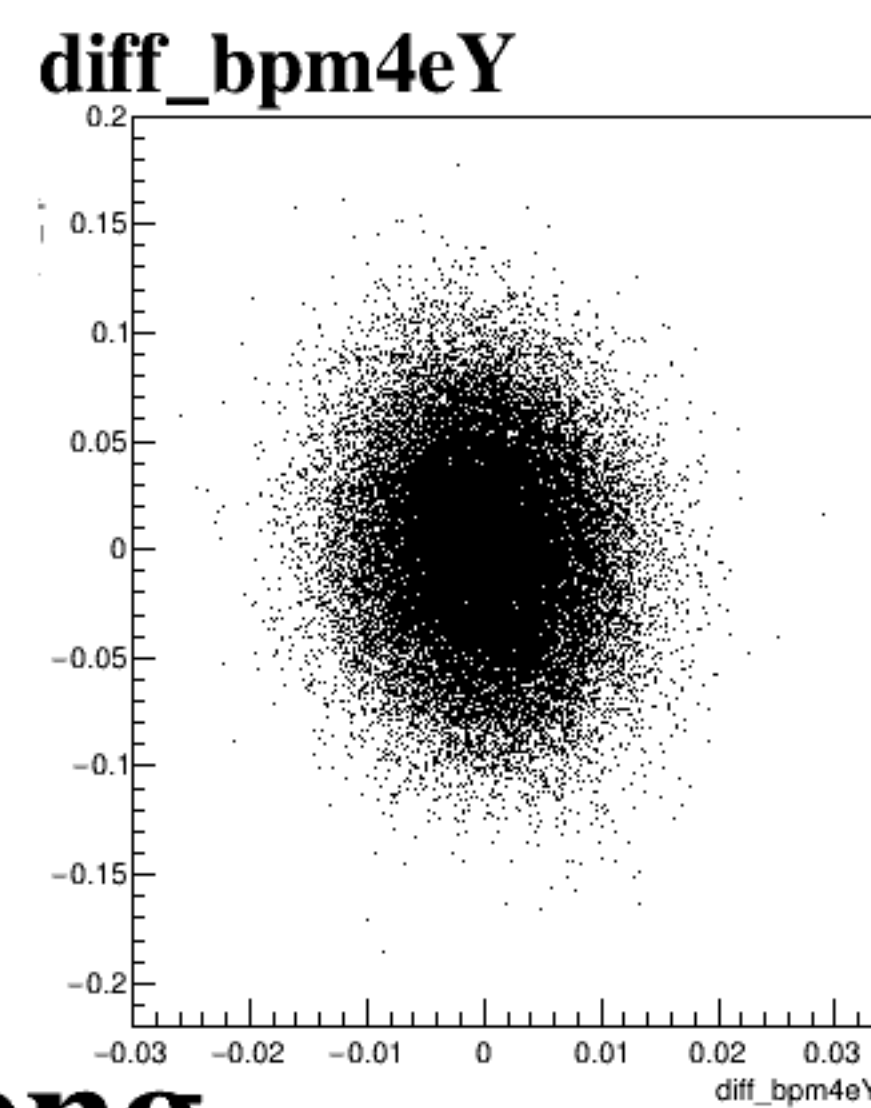
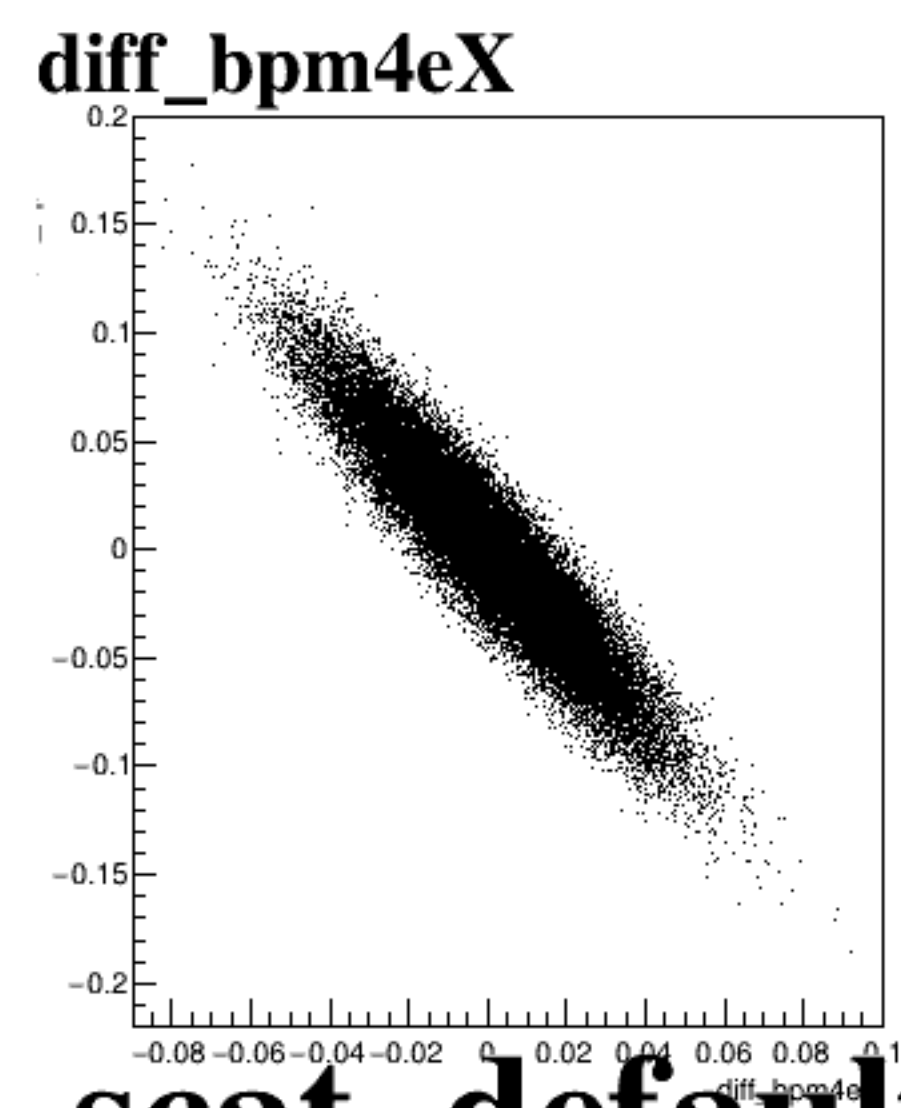
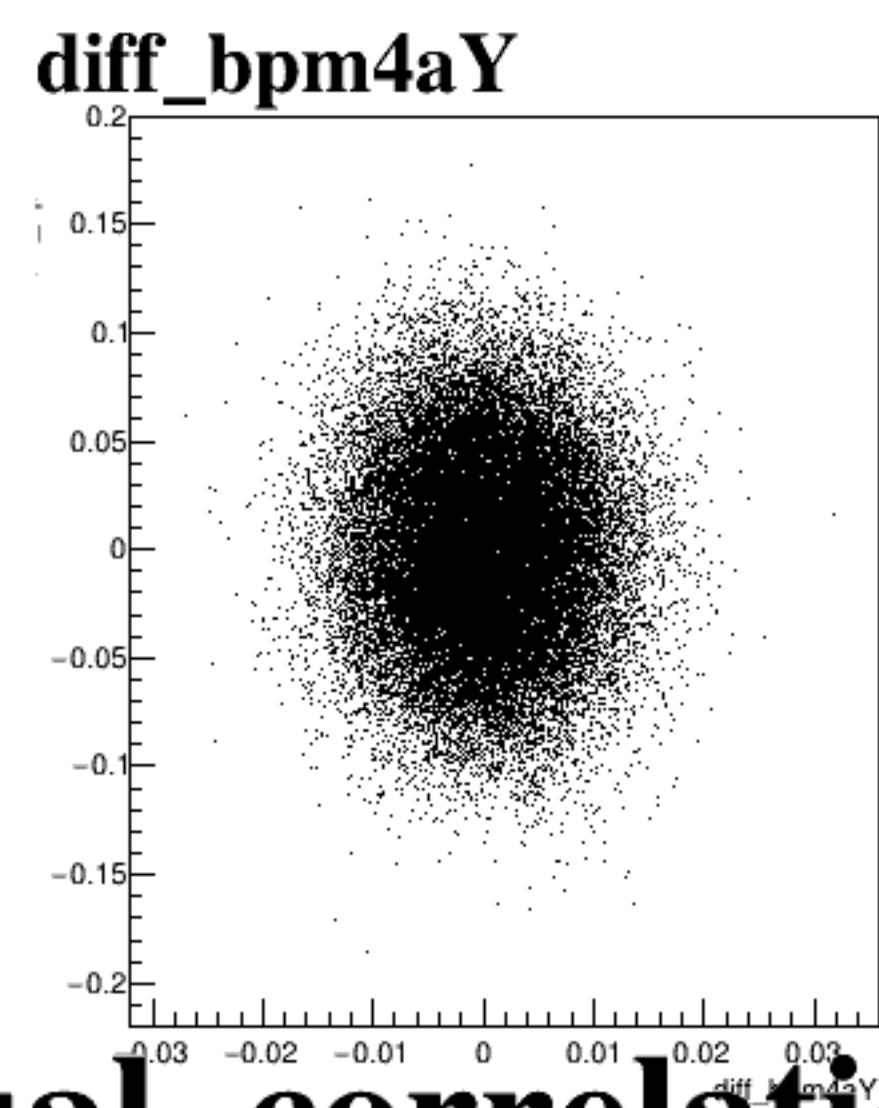
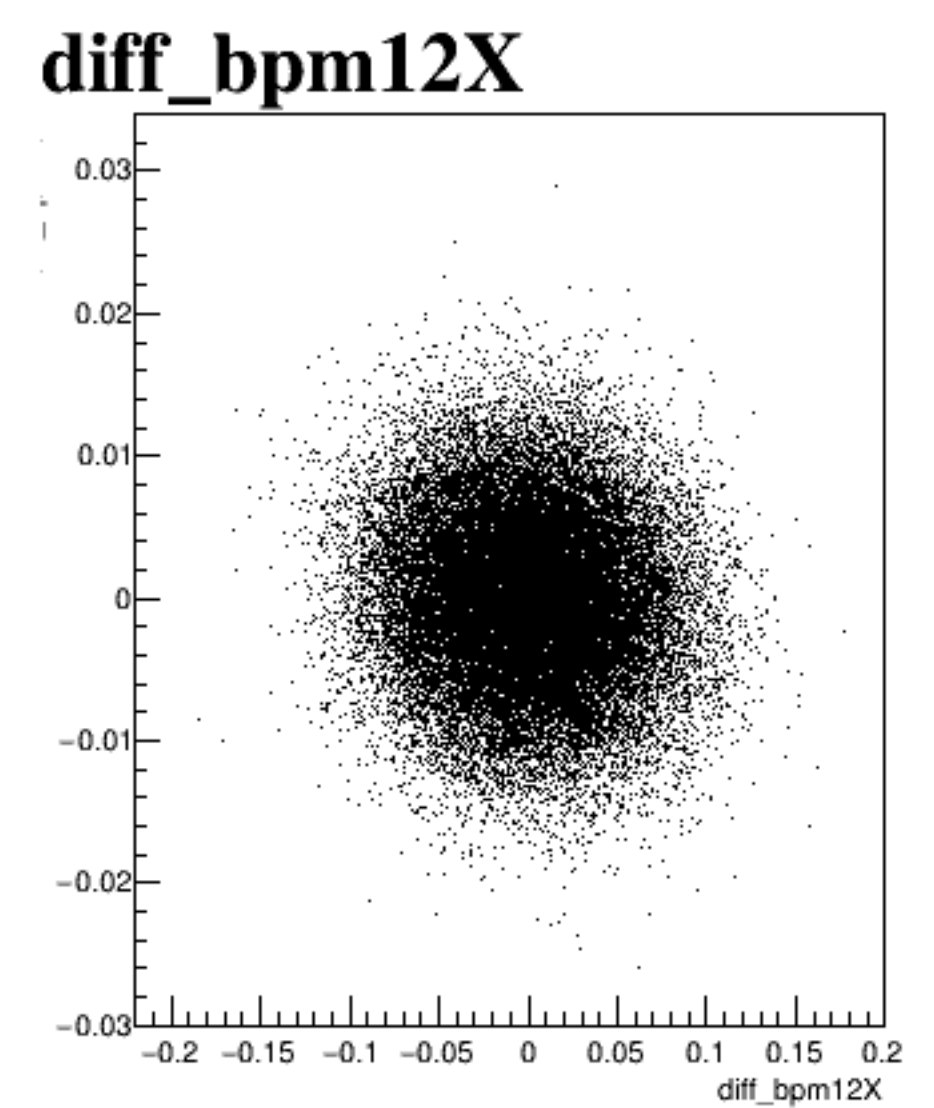
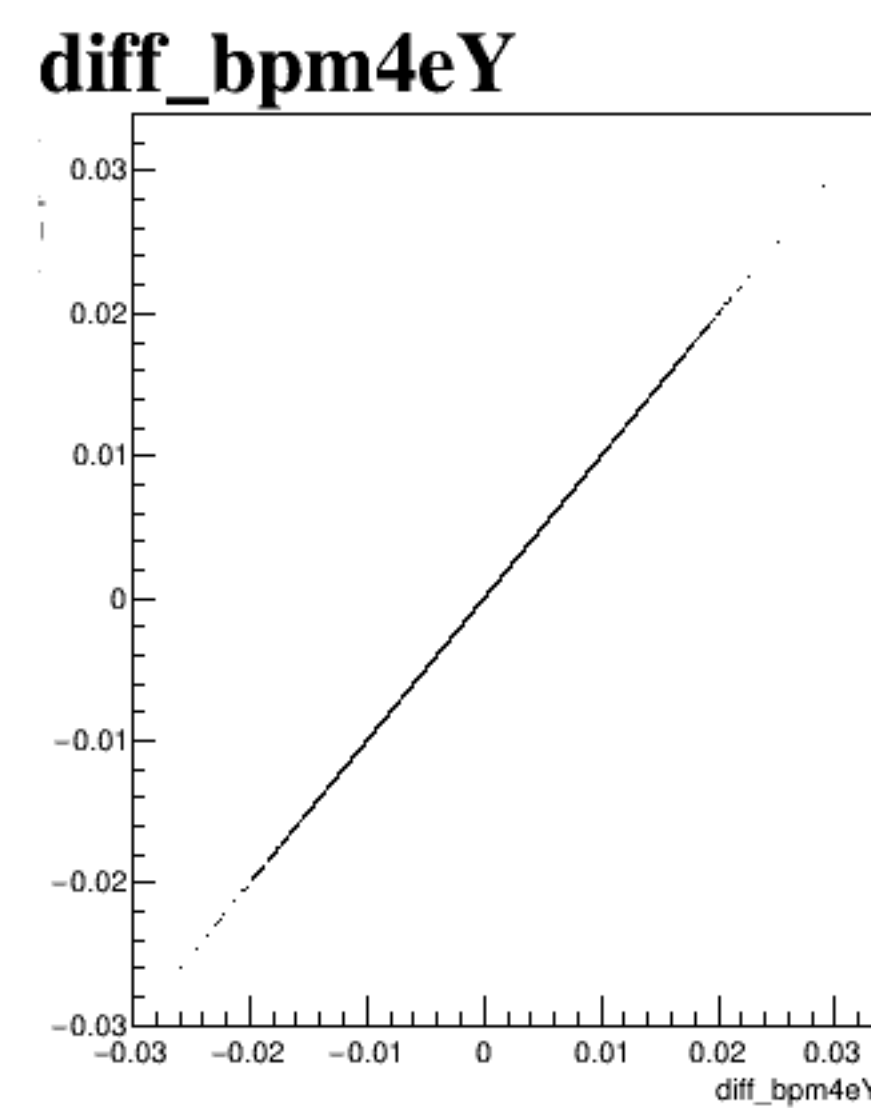
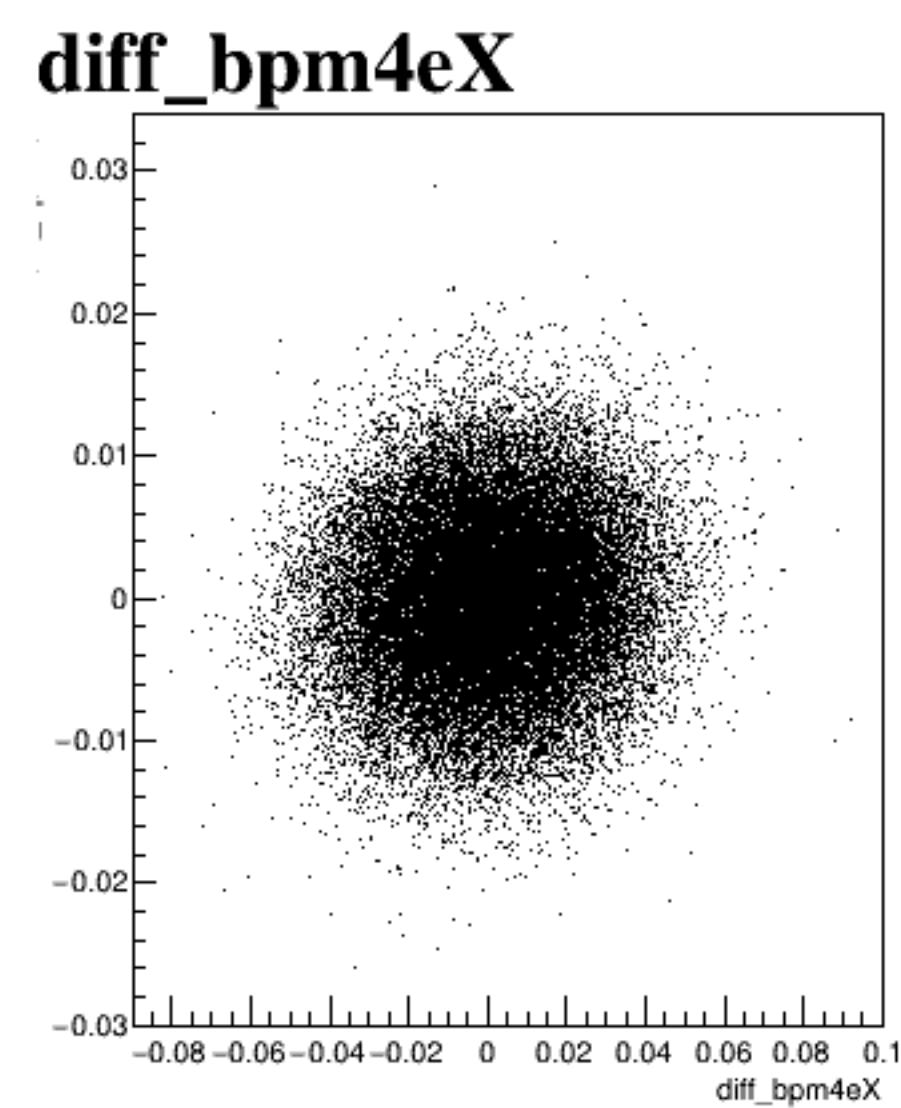
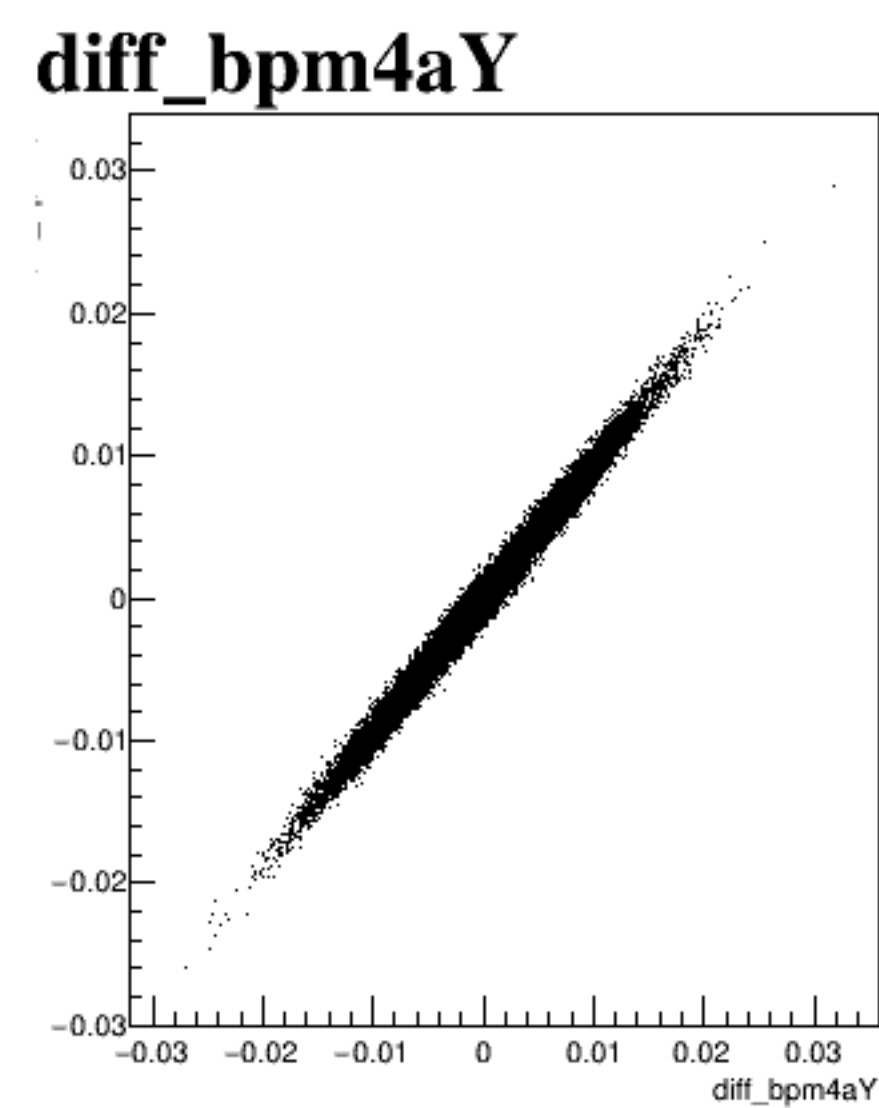
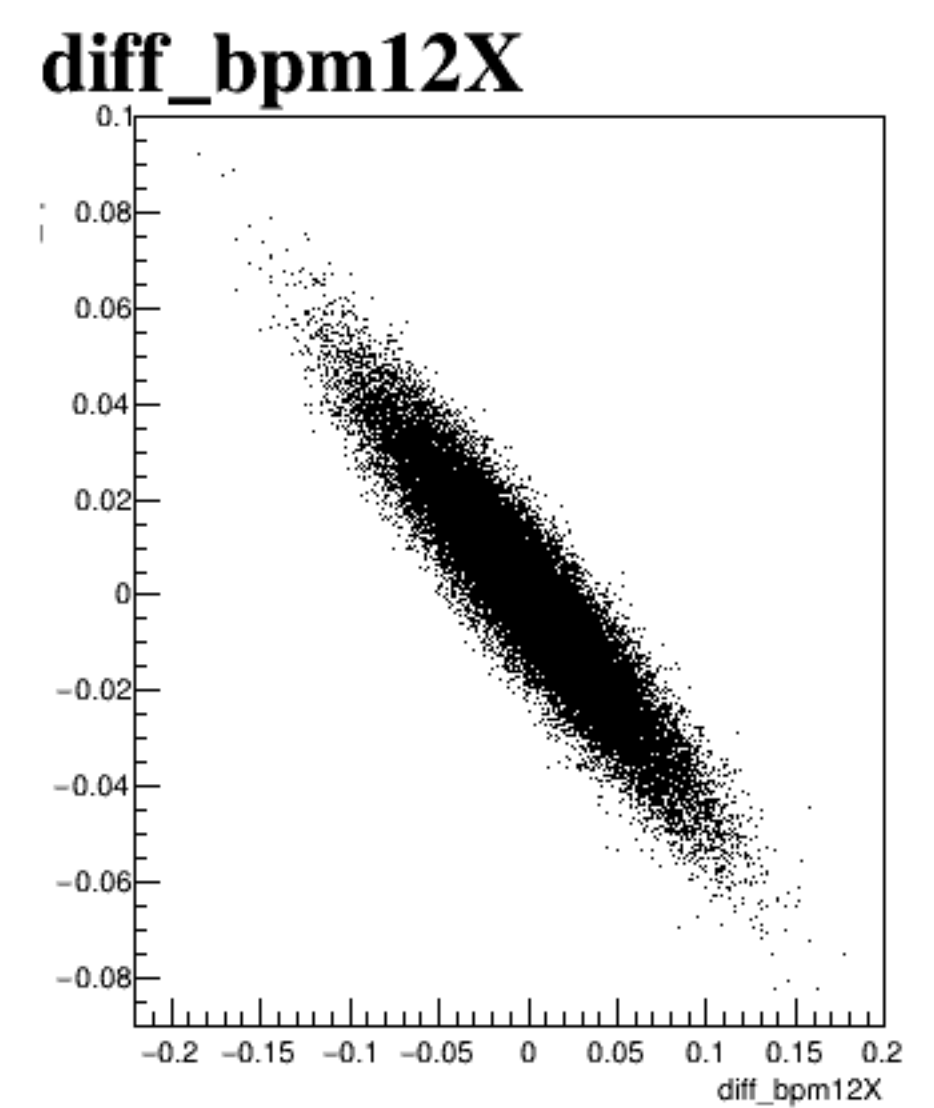
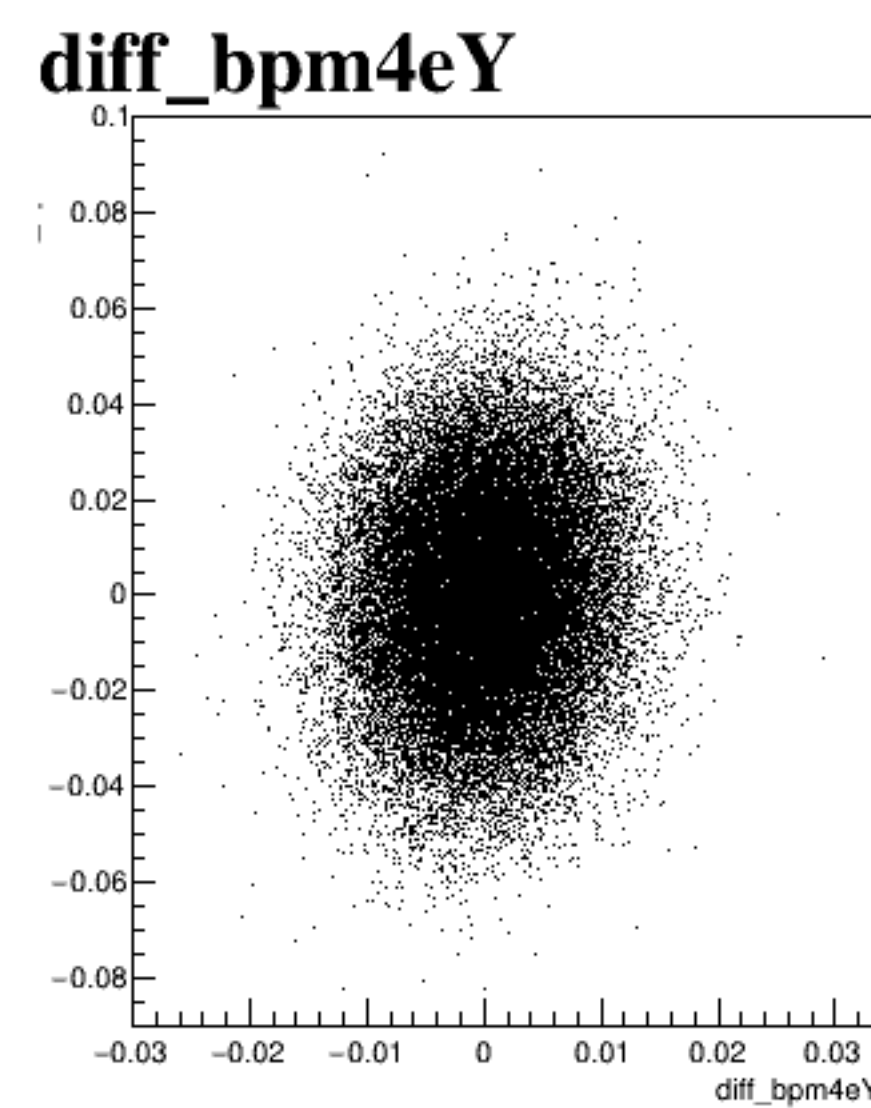
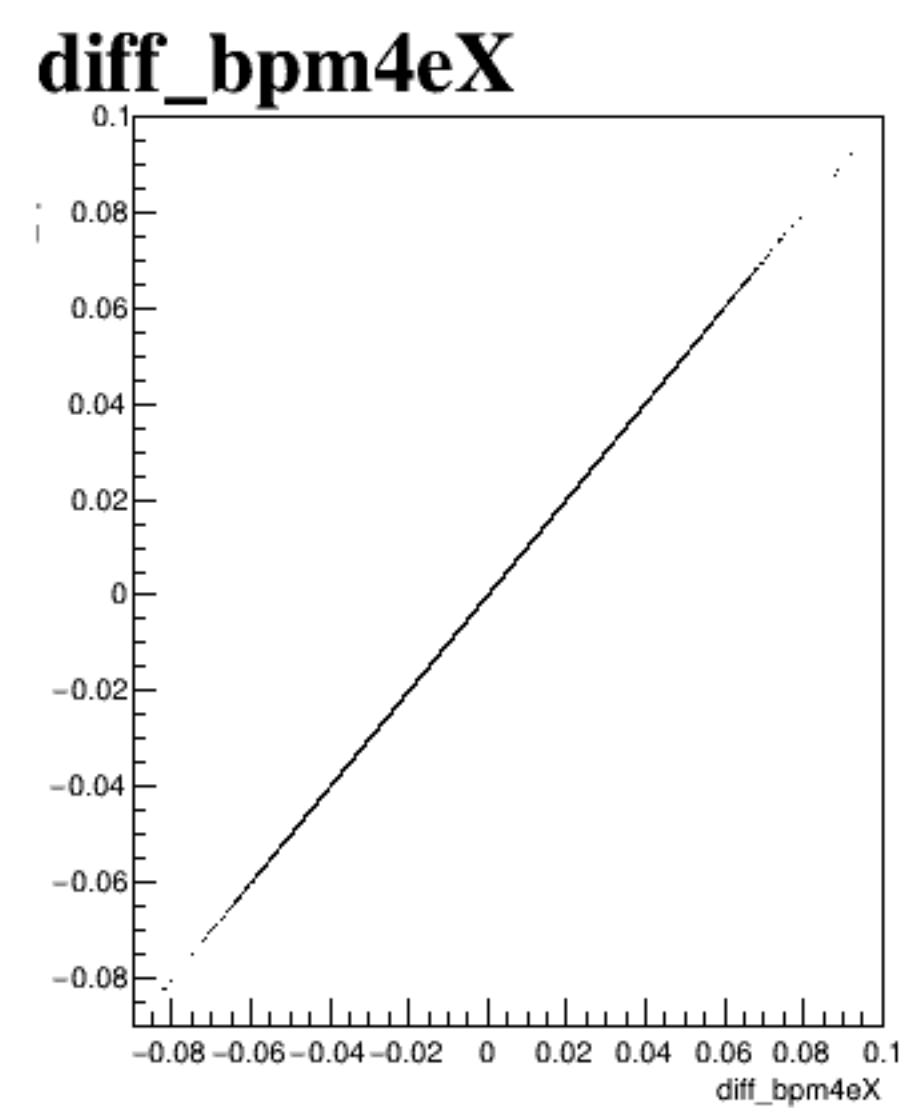
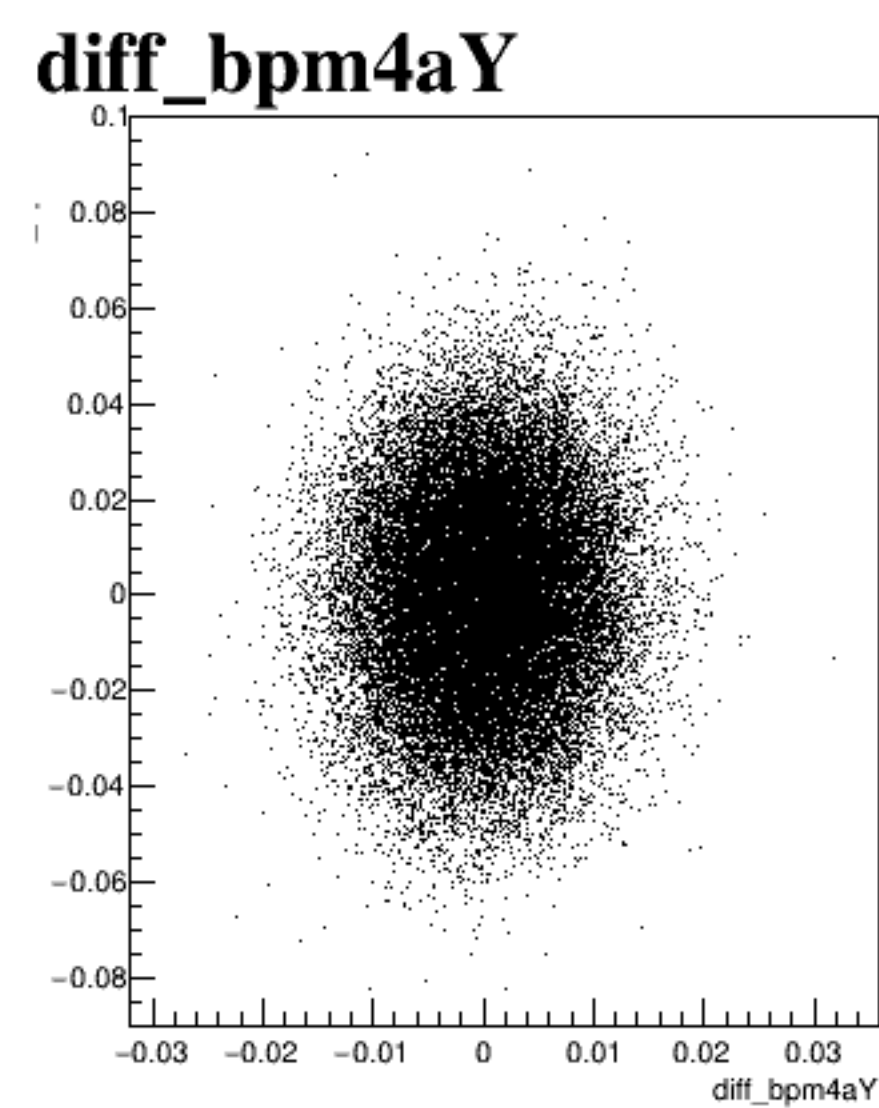
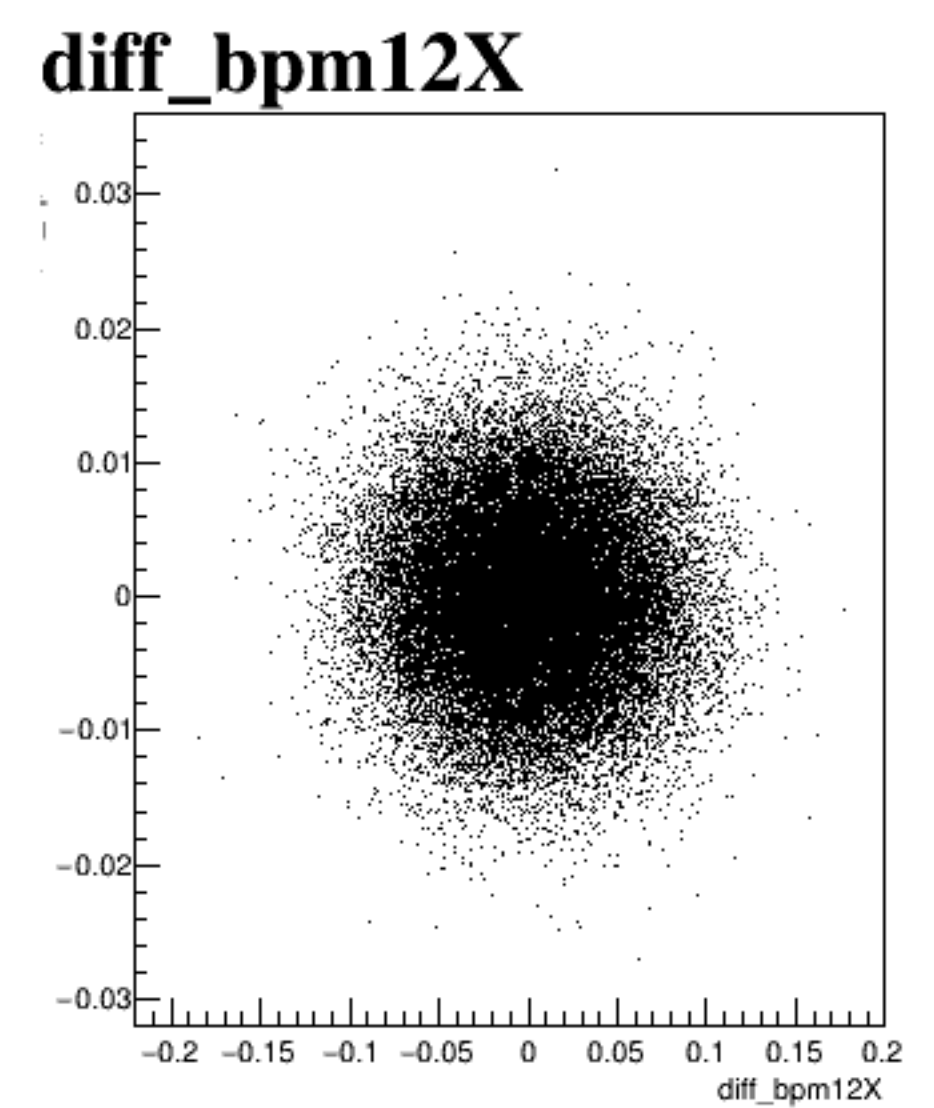
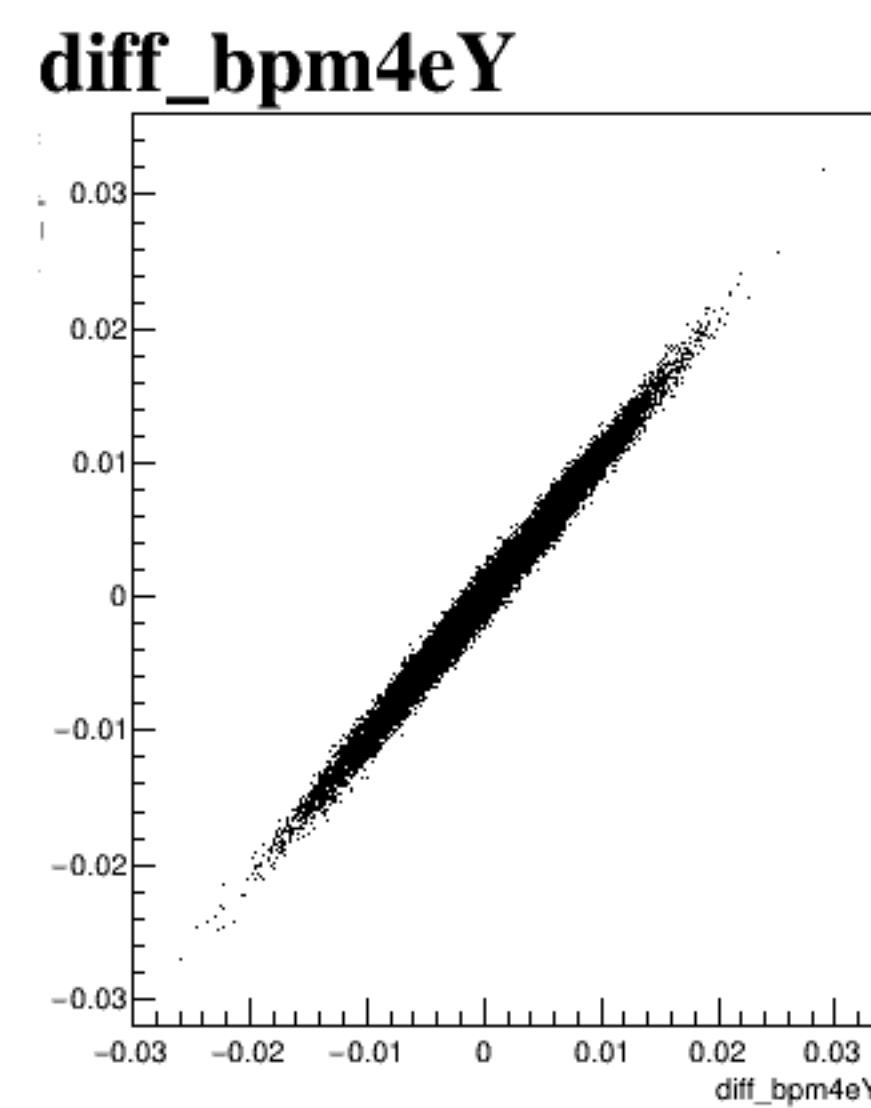
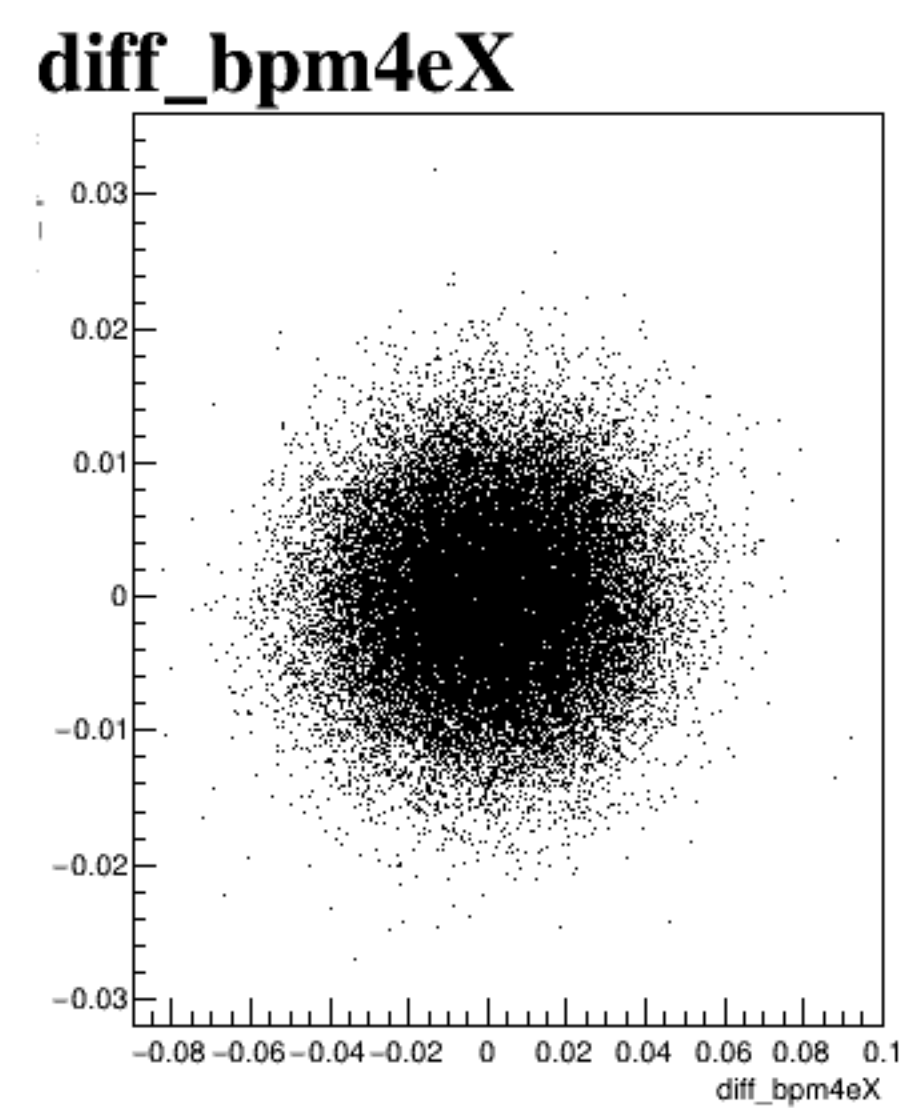
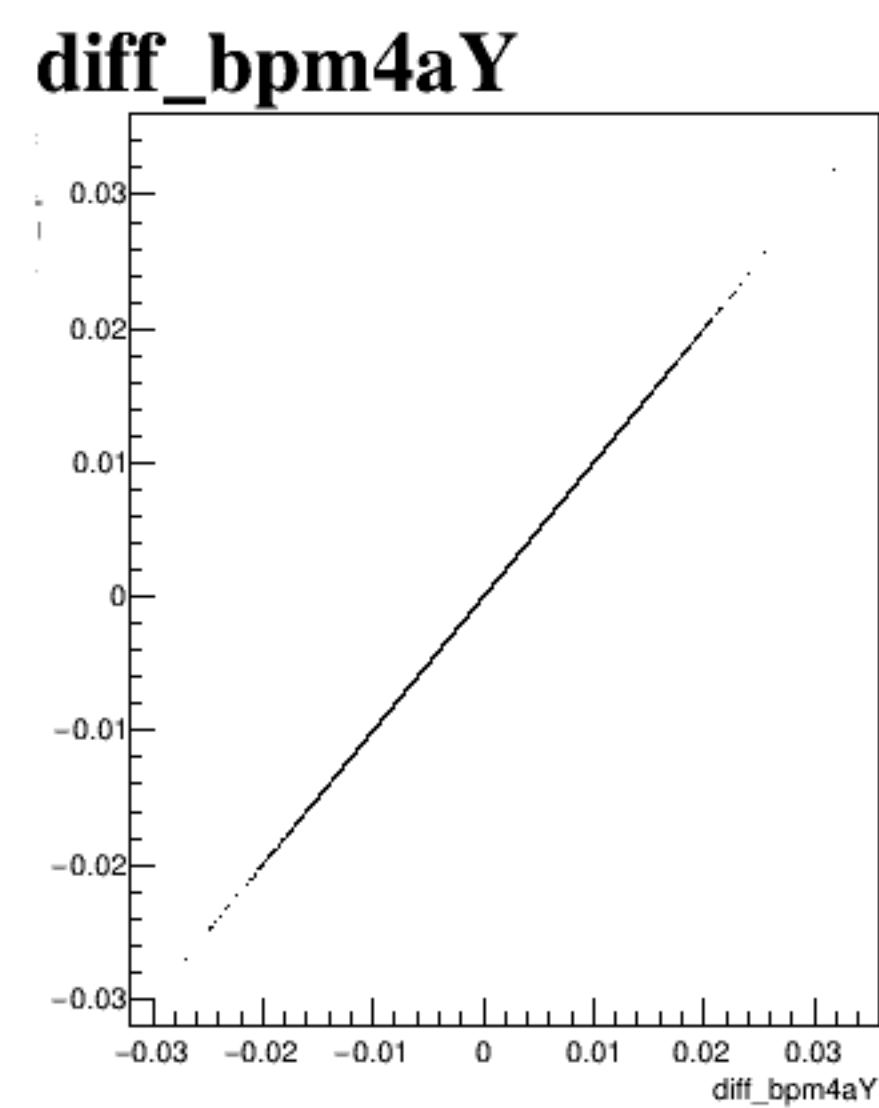
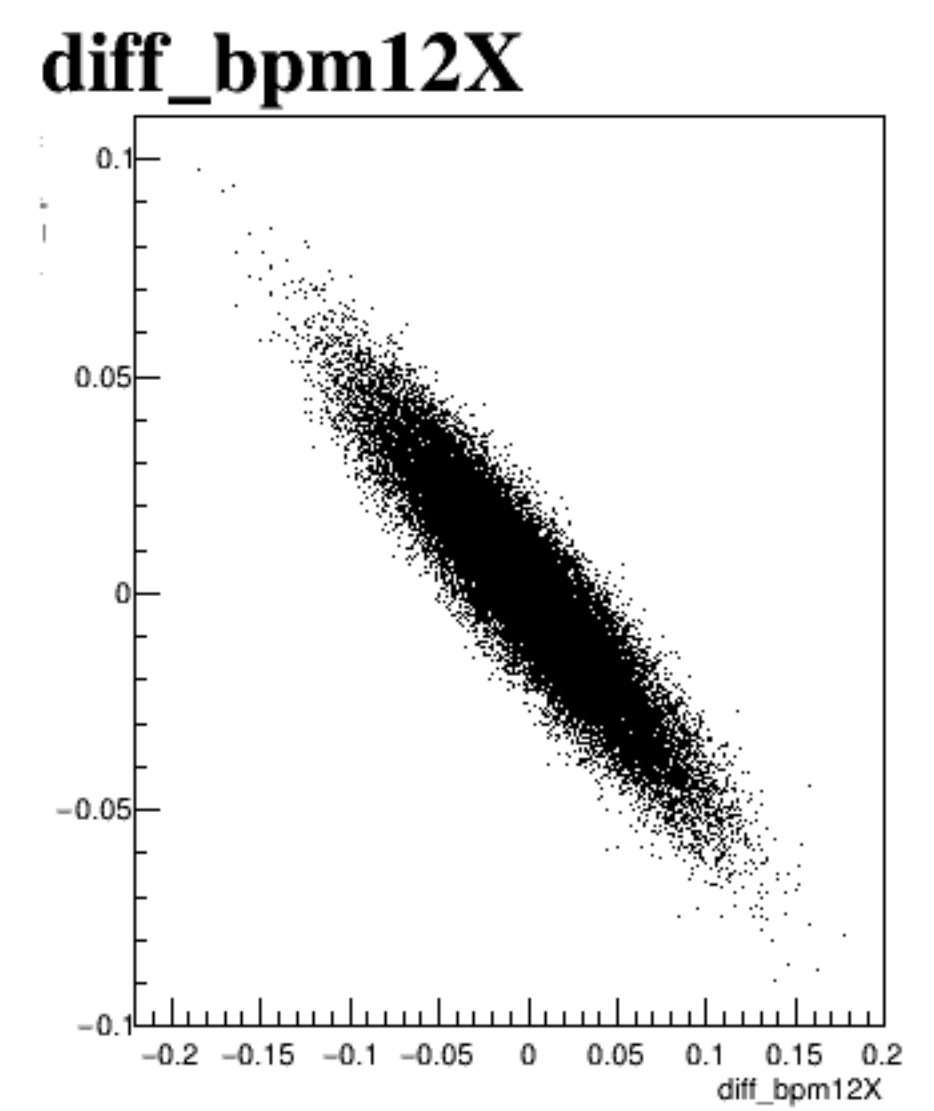
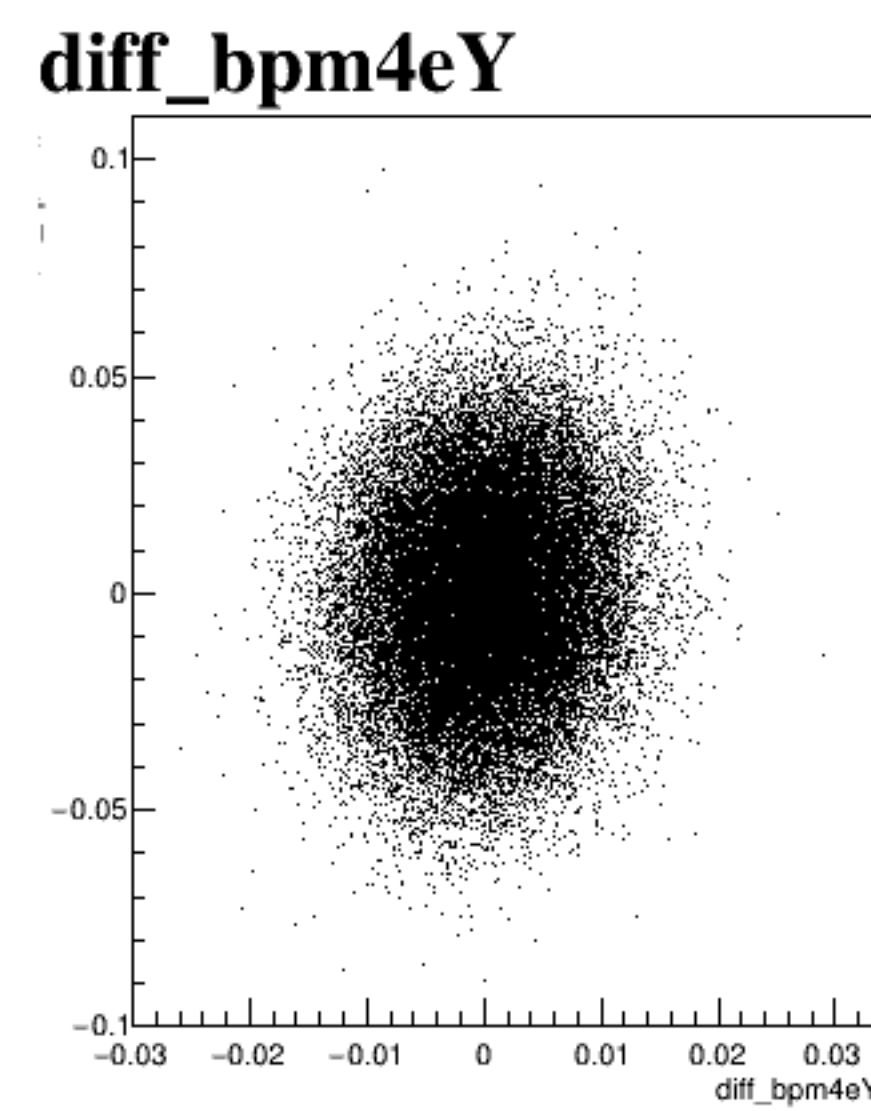
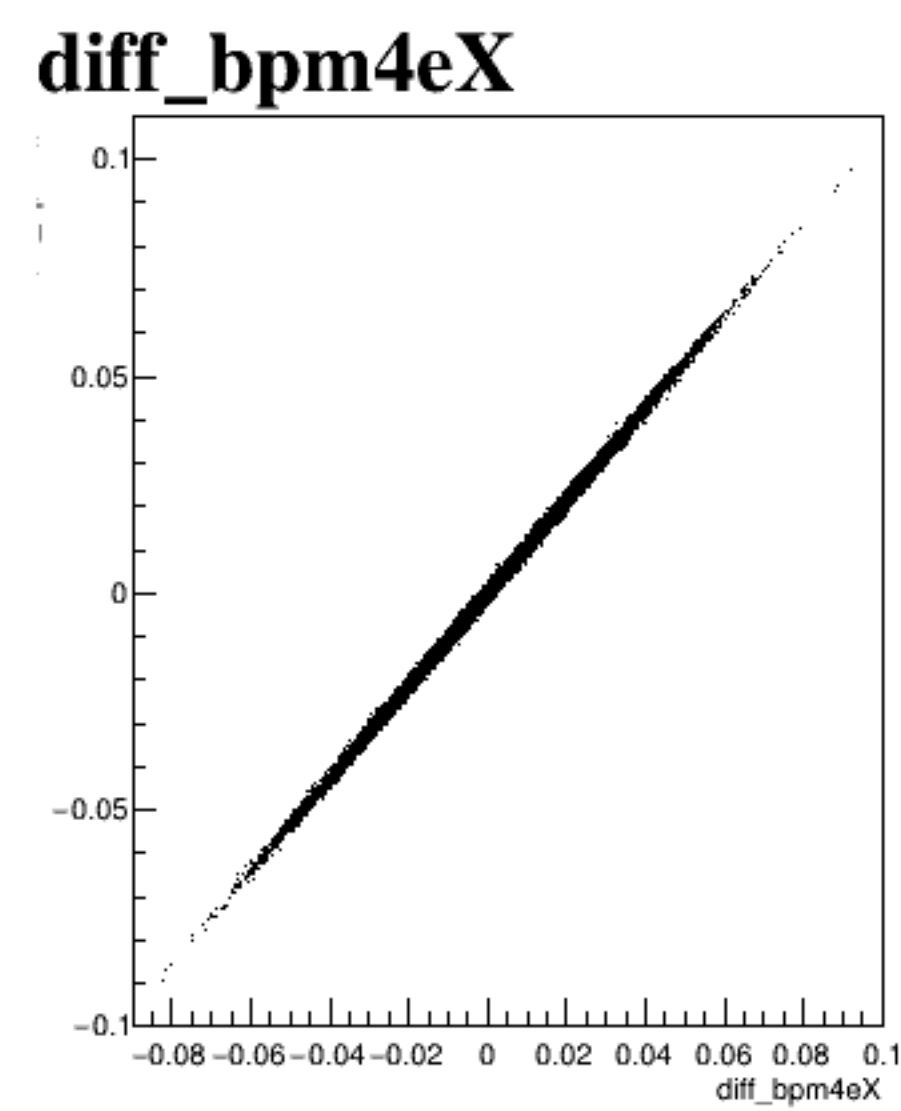
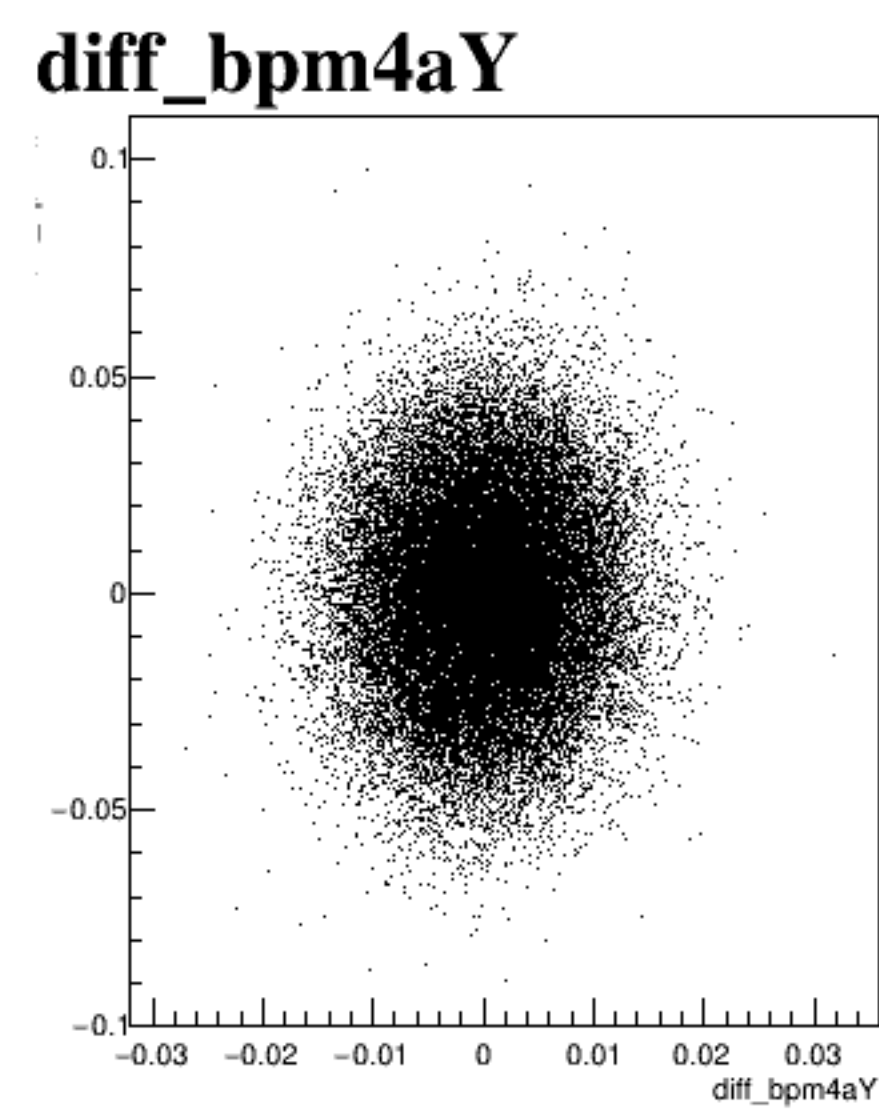


diff_bpm4eY



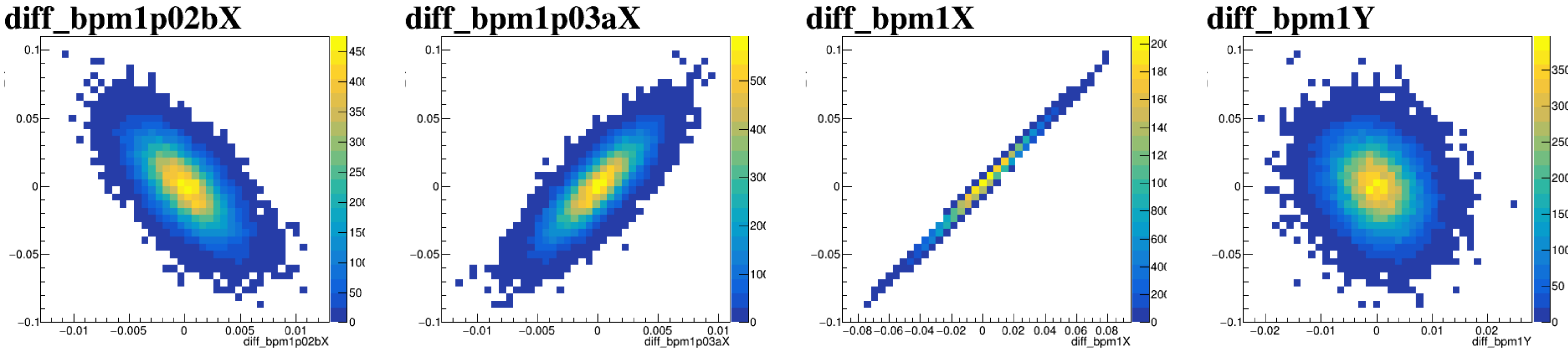
diff_bpm12X



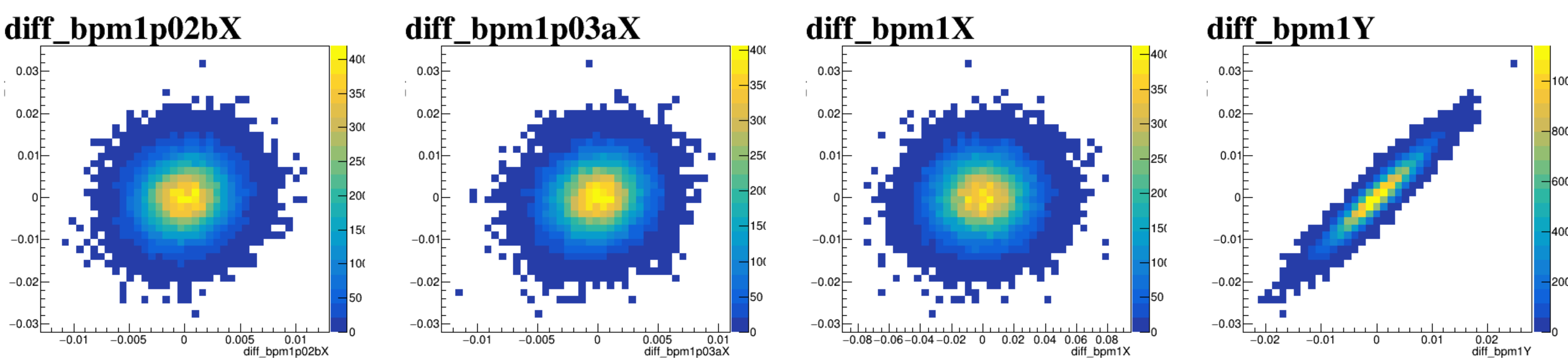


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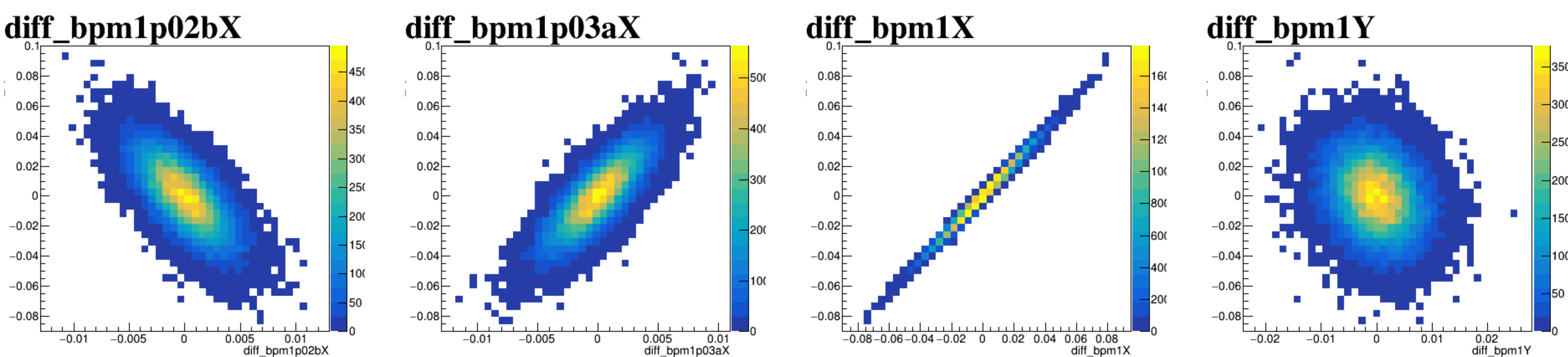
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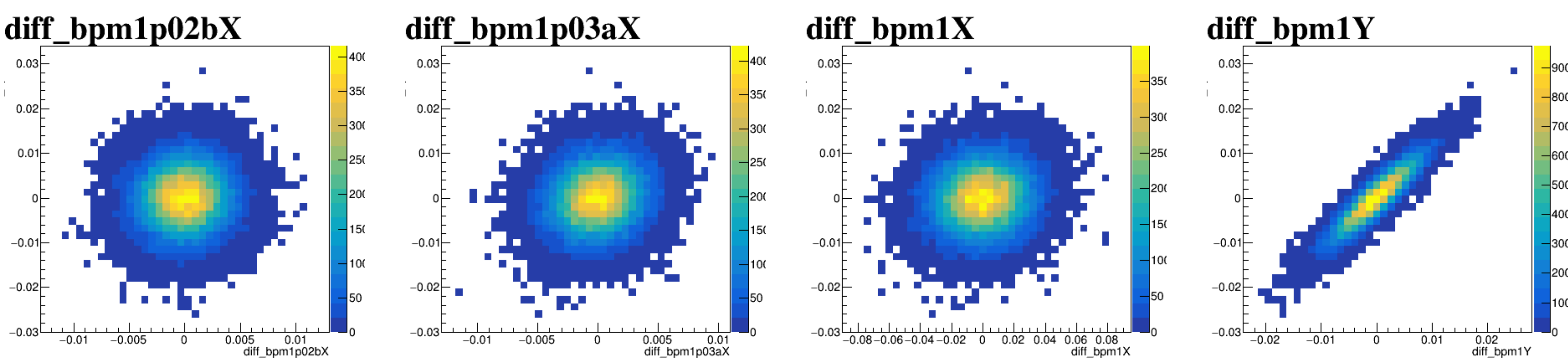
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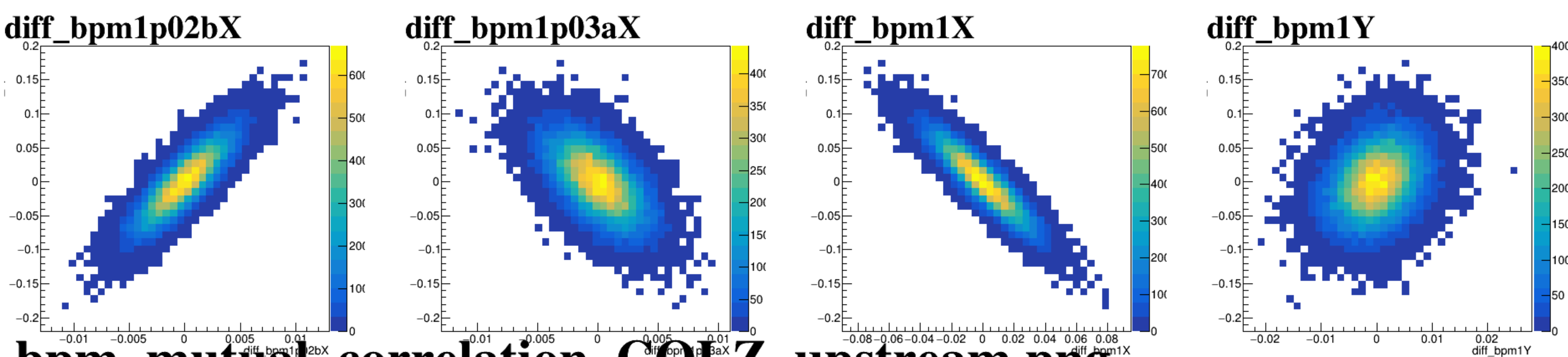
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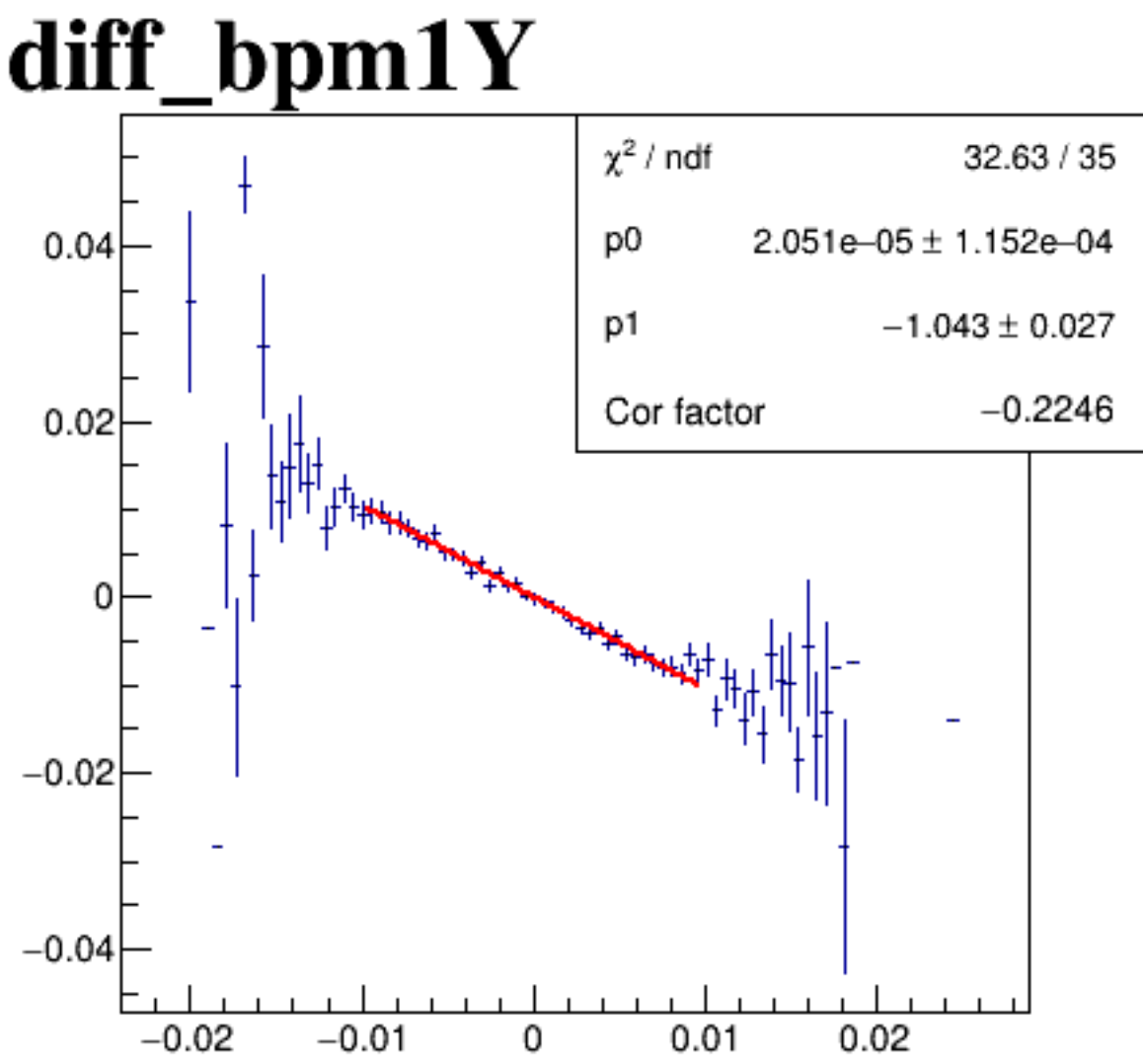
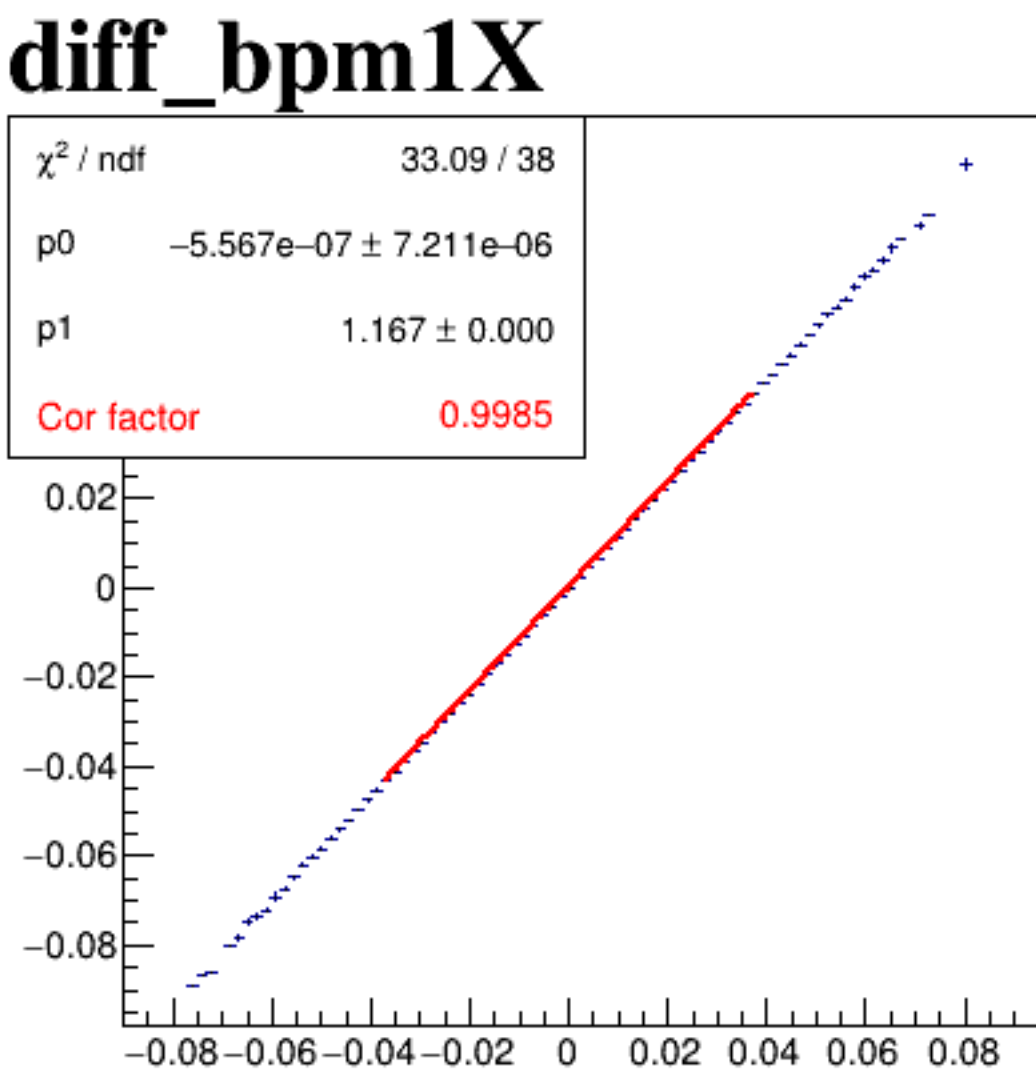
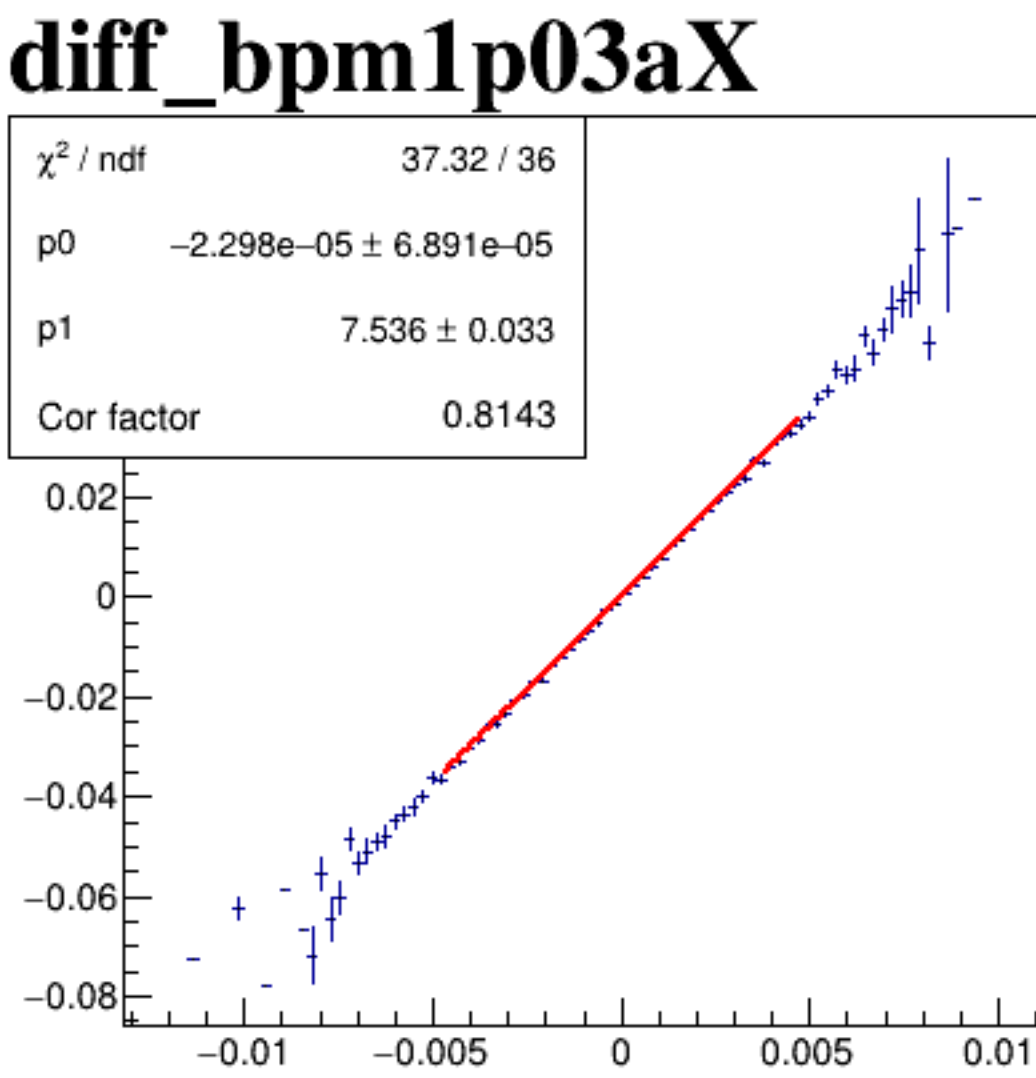
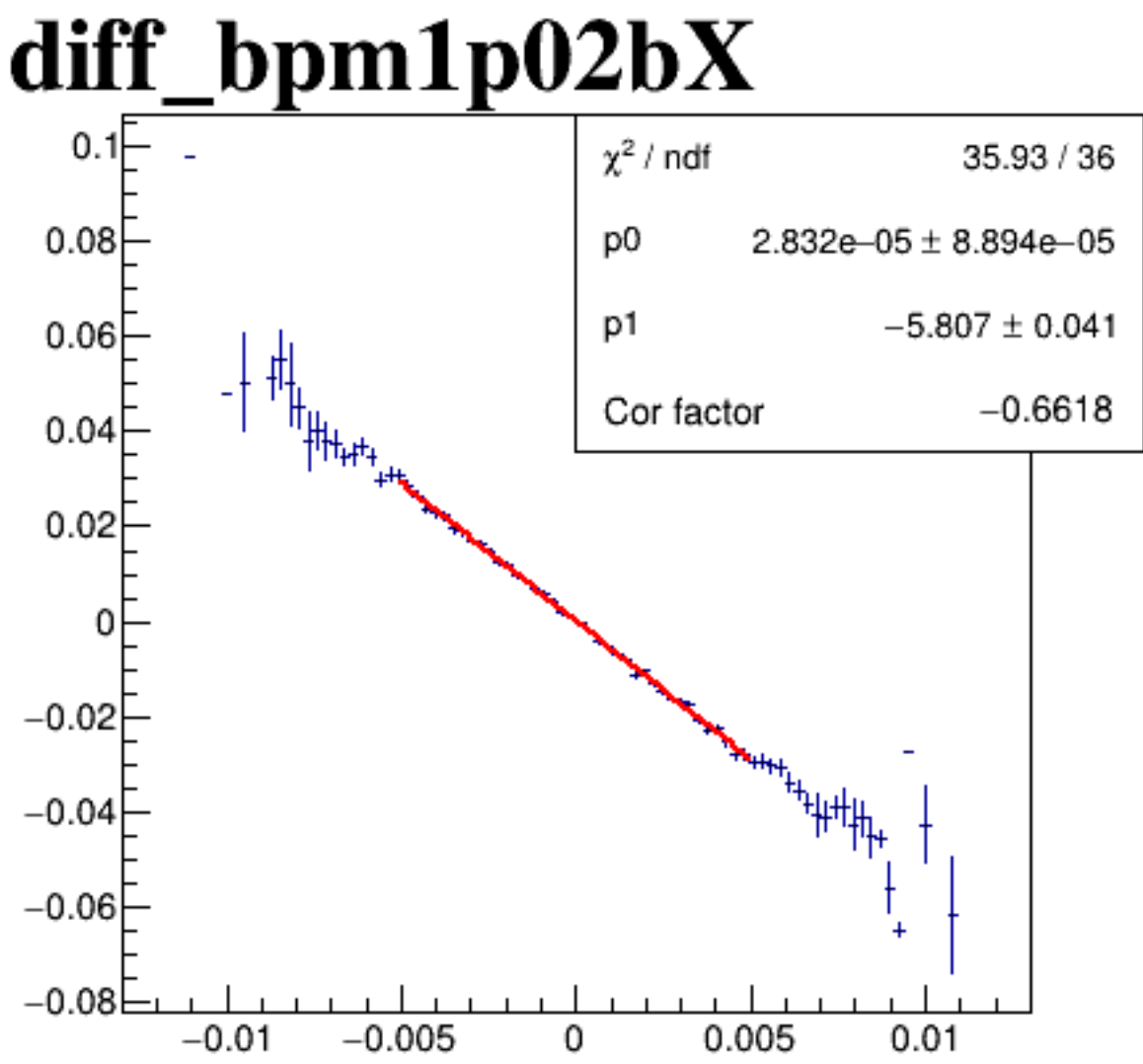
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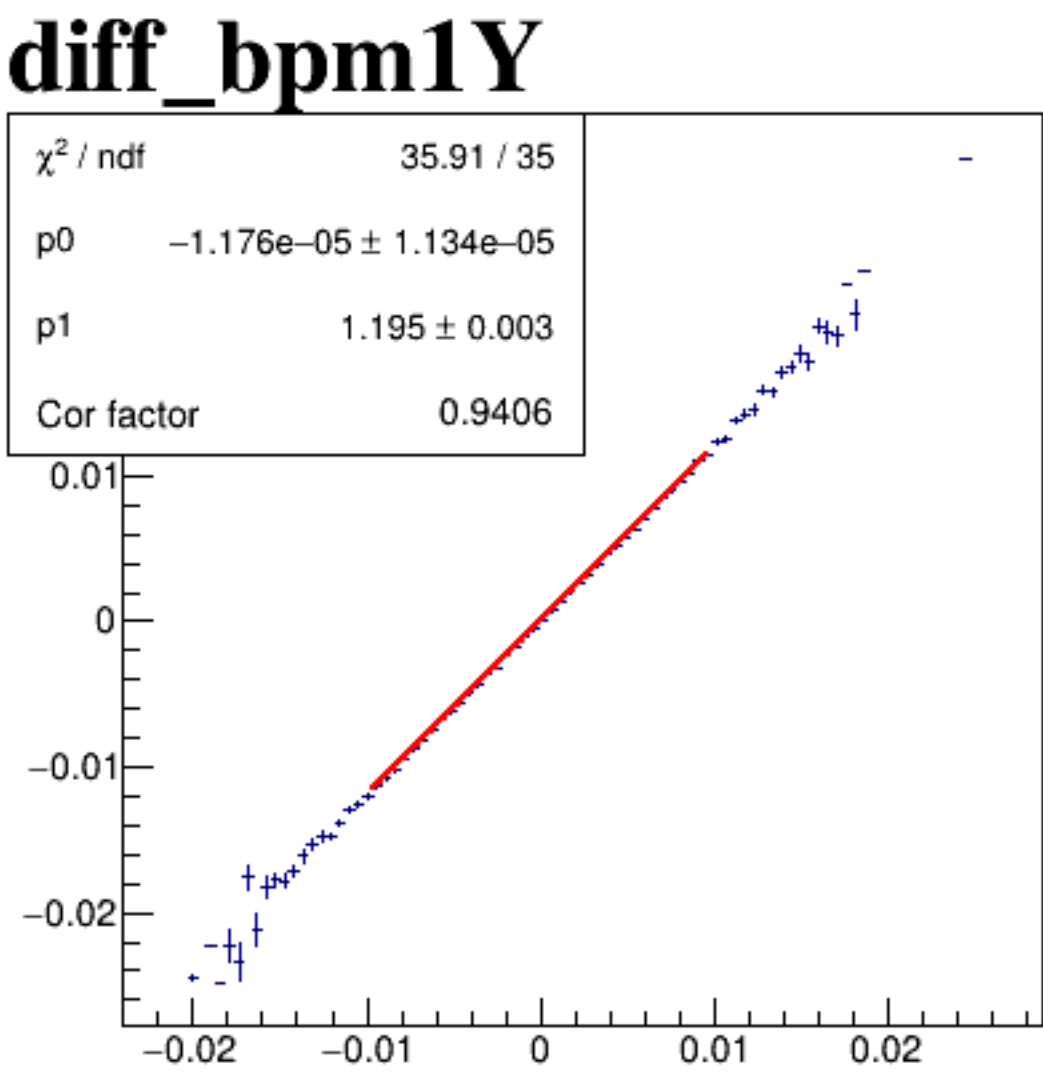
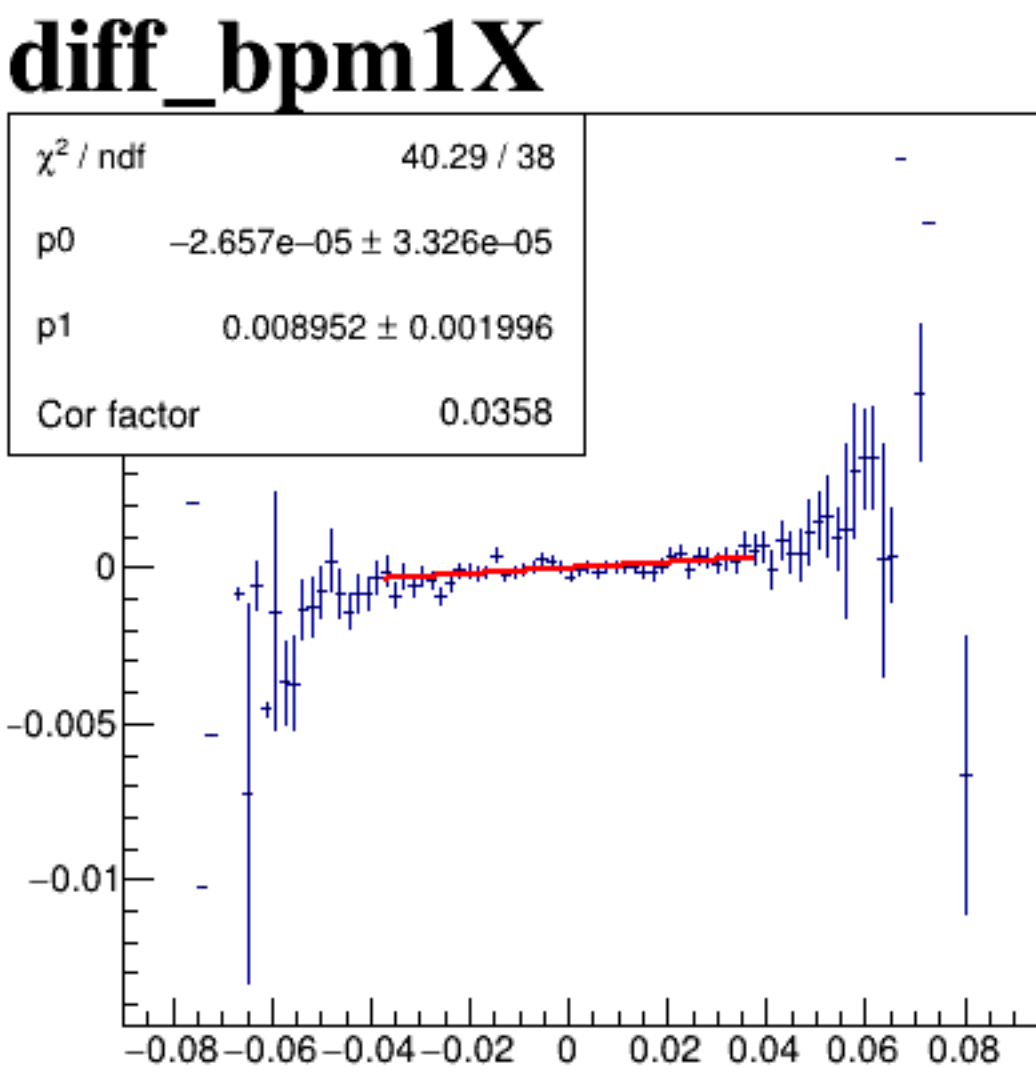
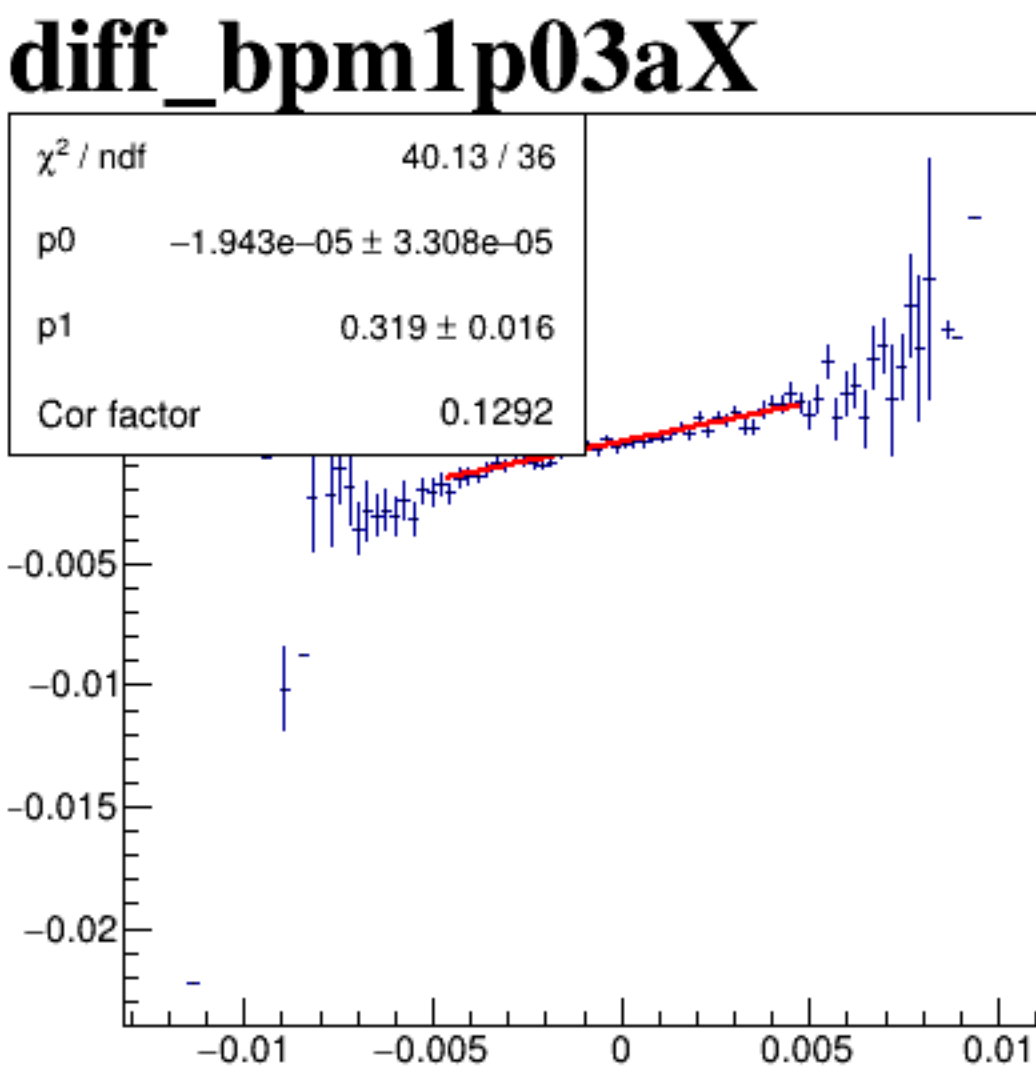
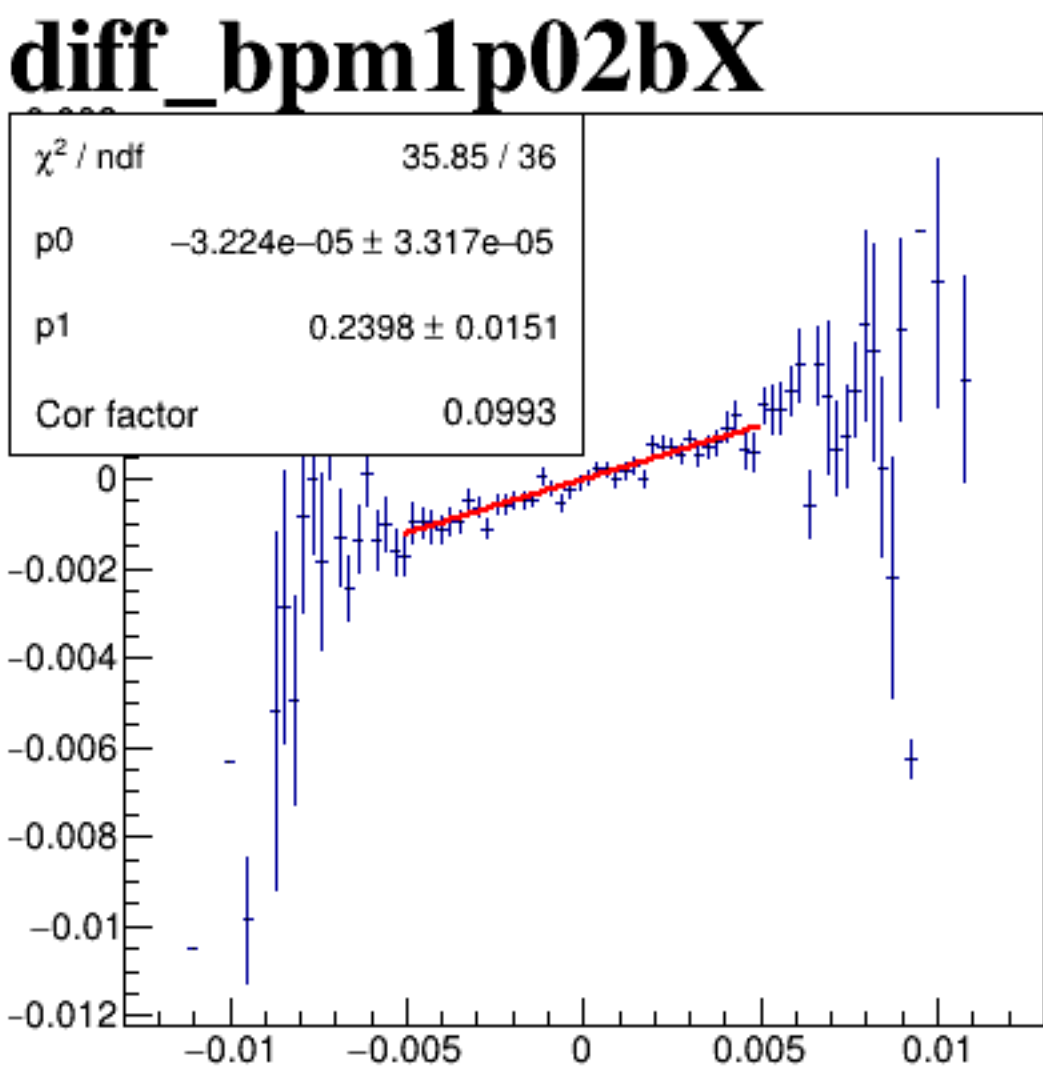
diff_bpm12X



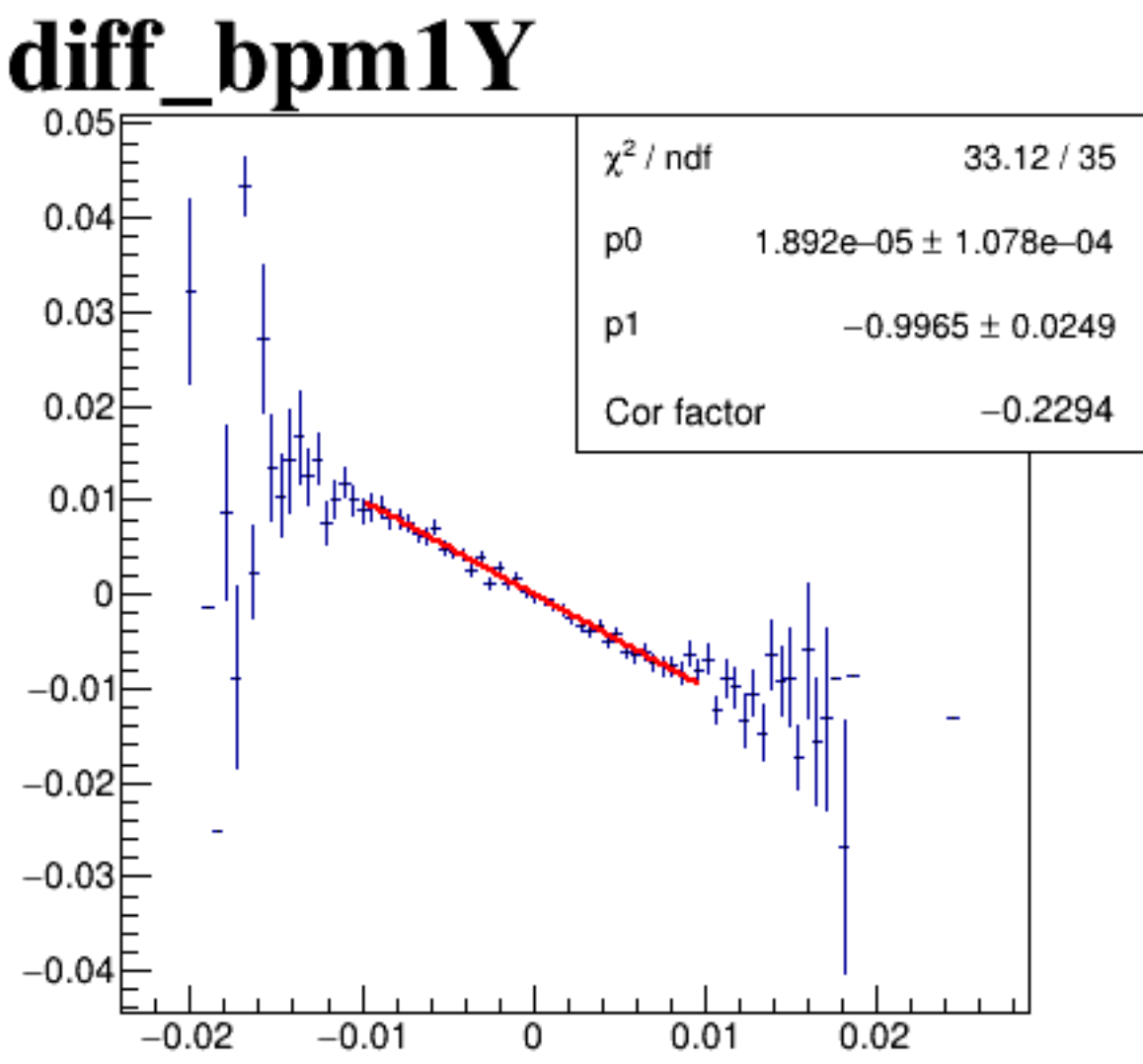
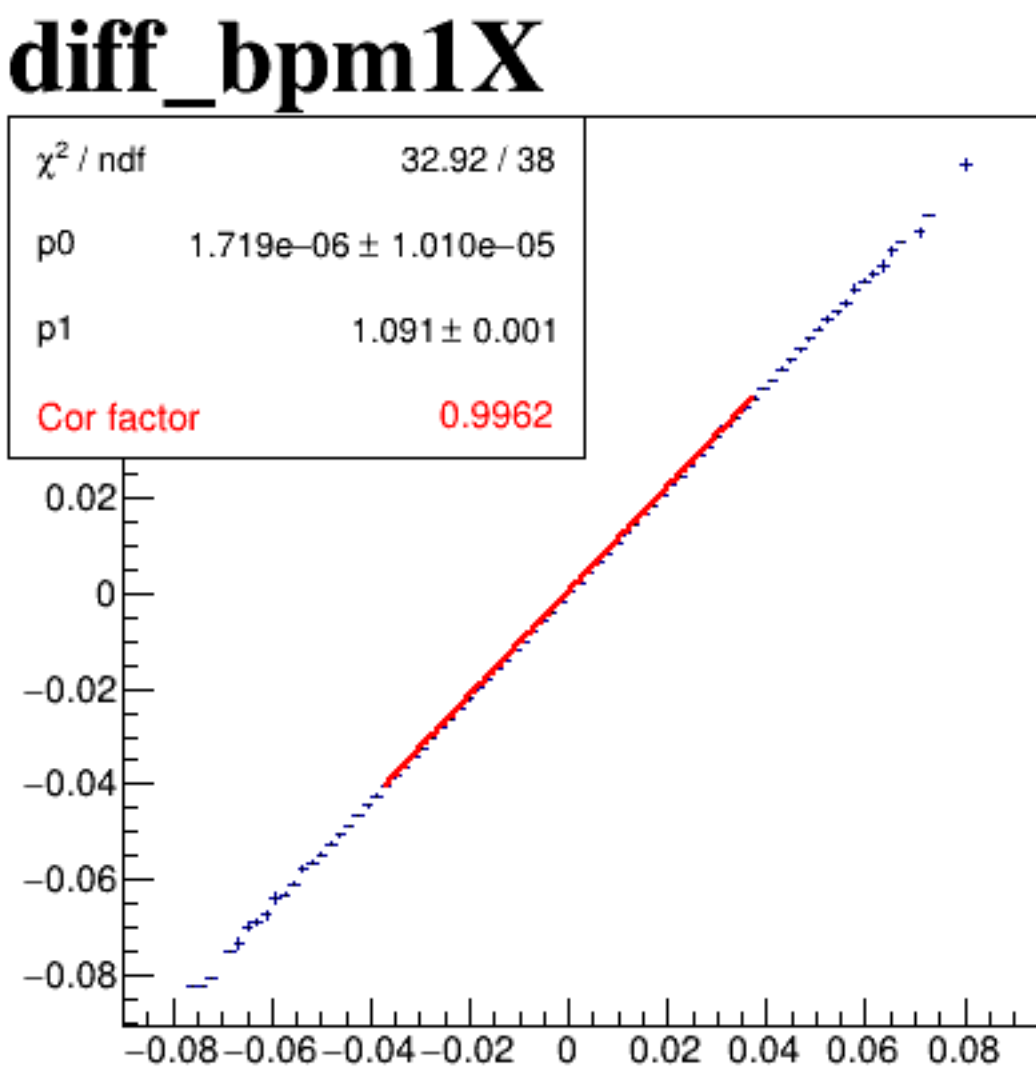
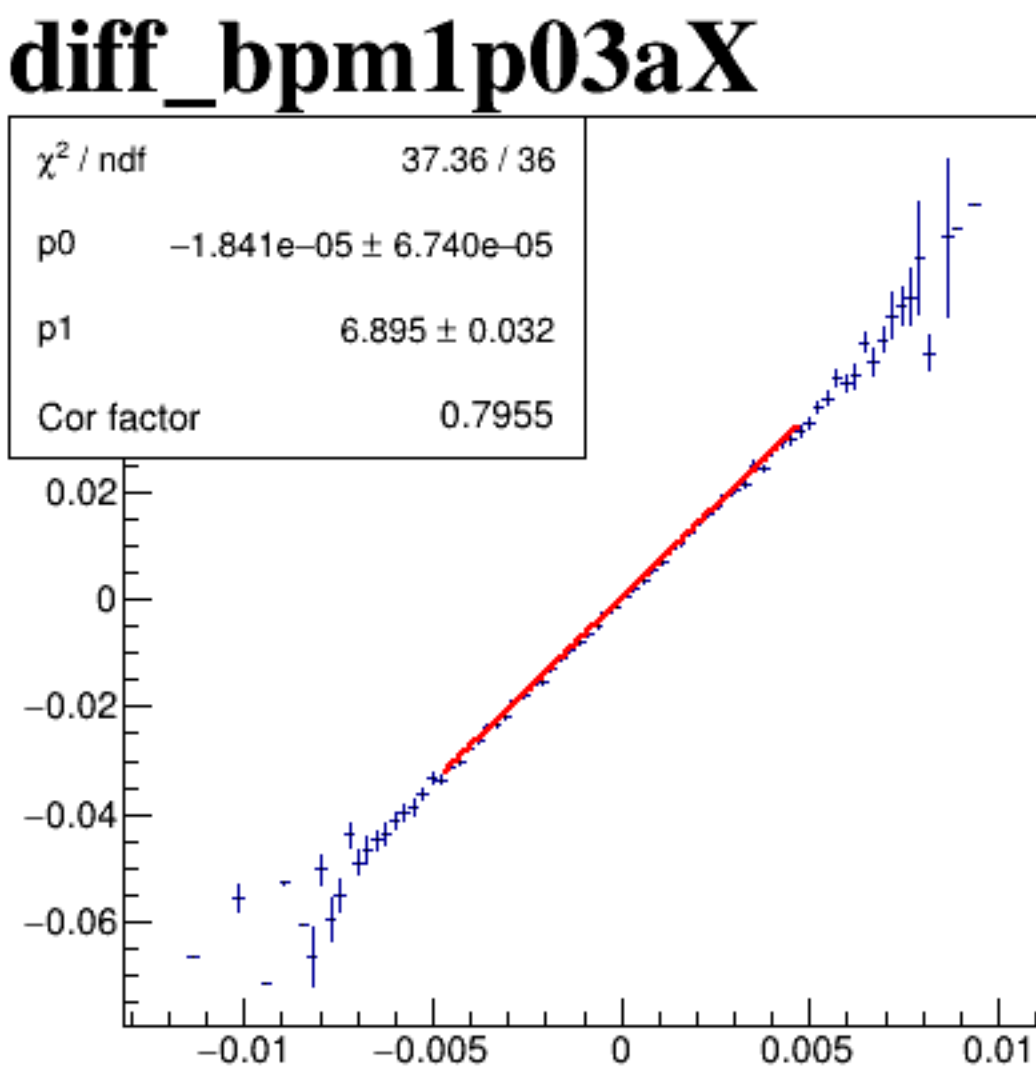
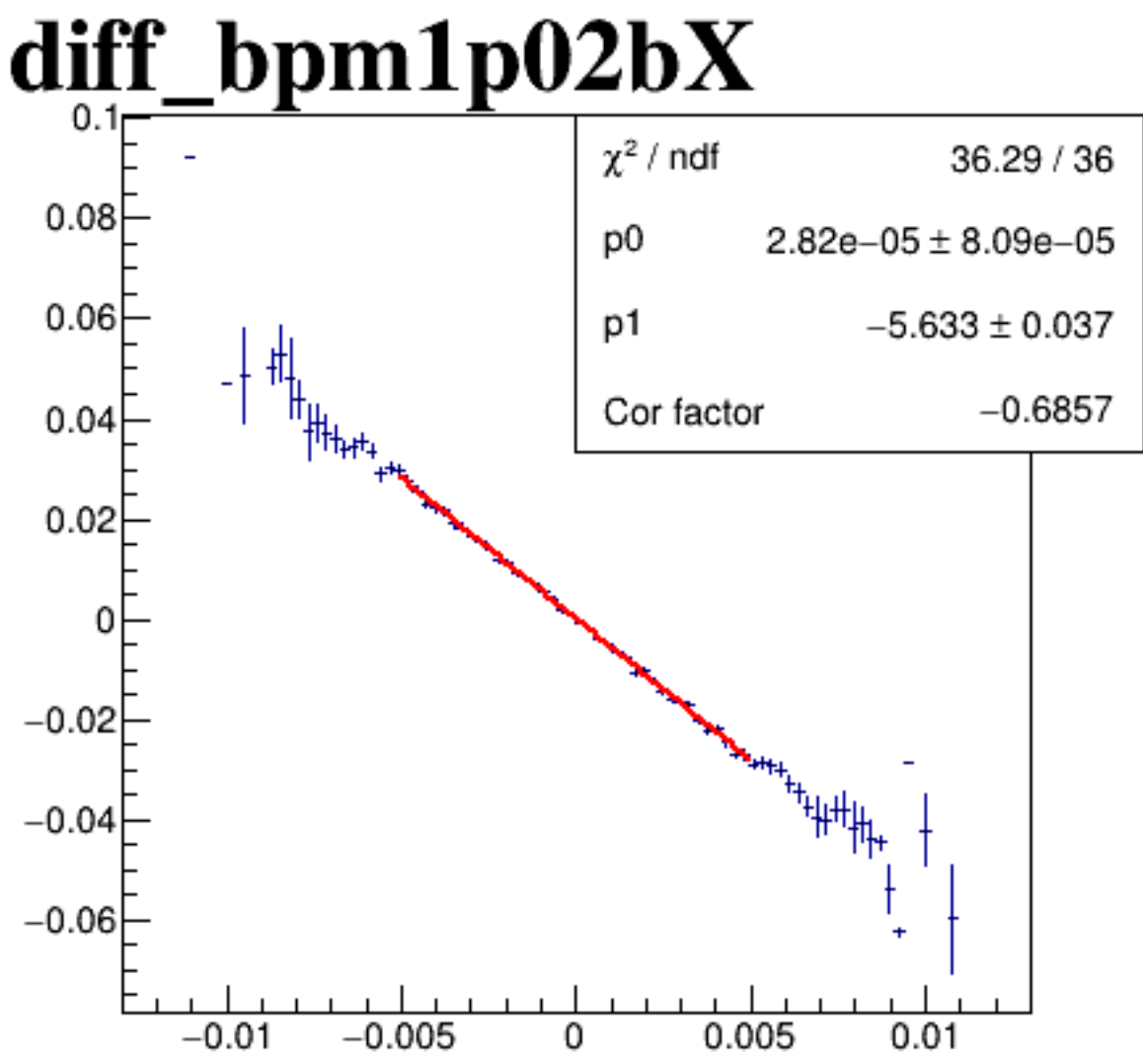
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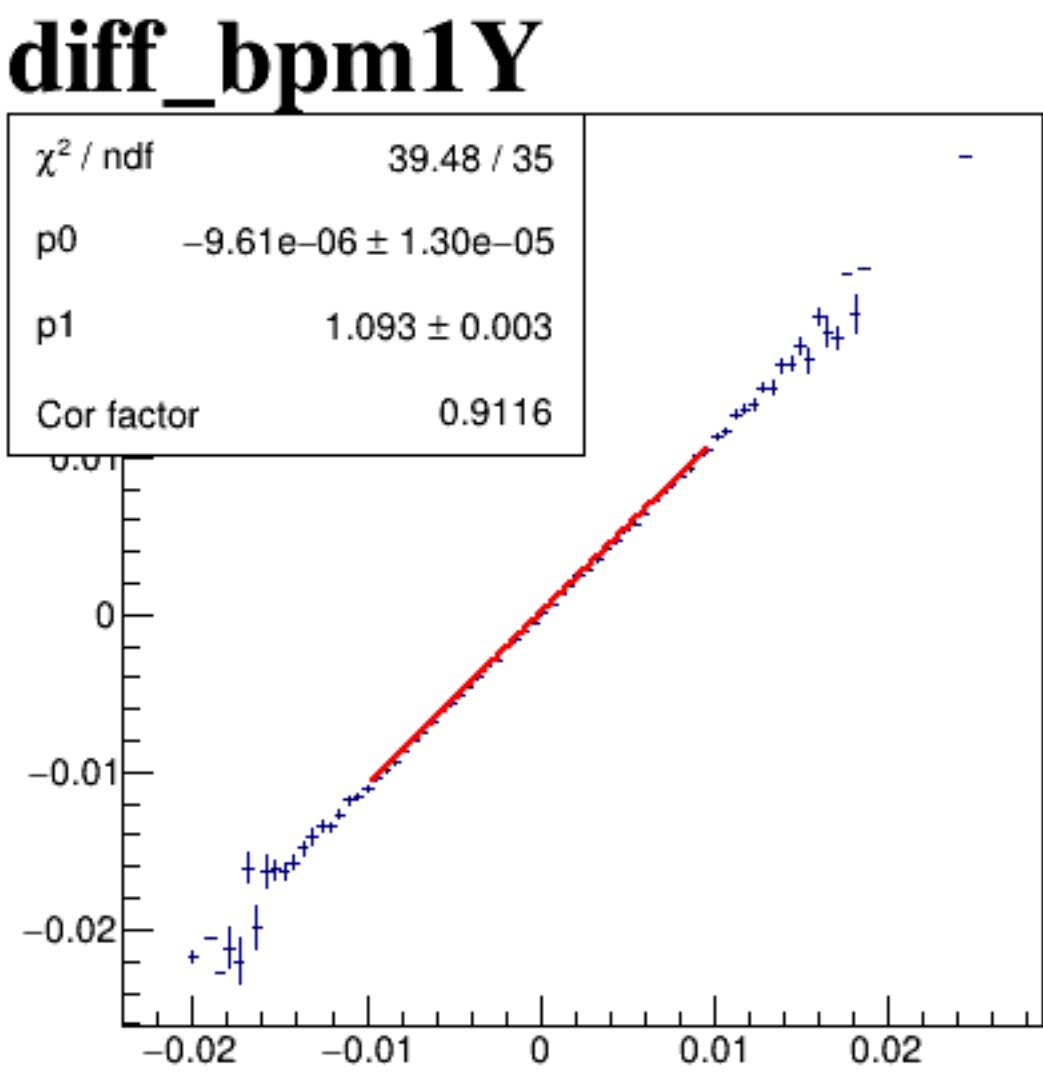
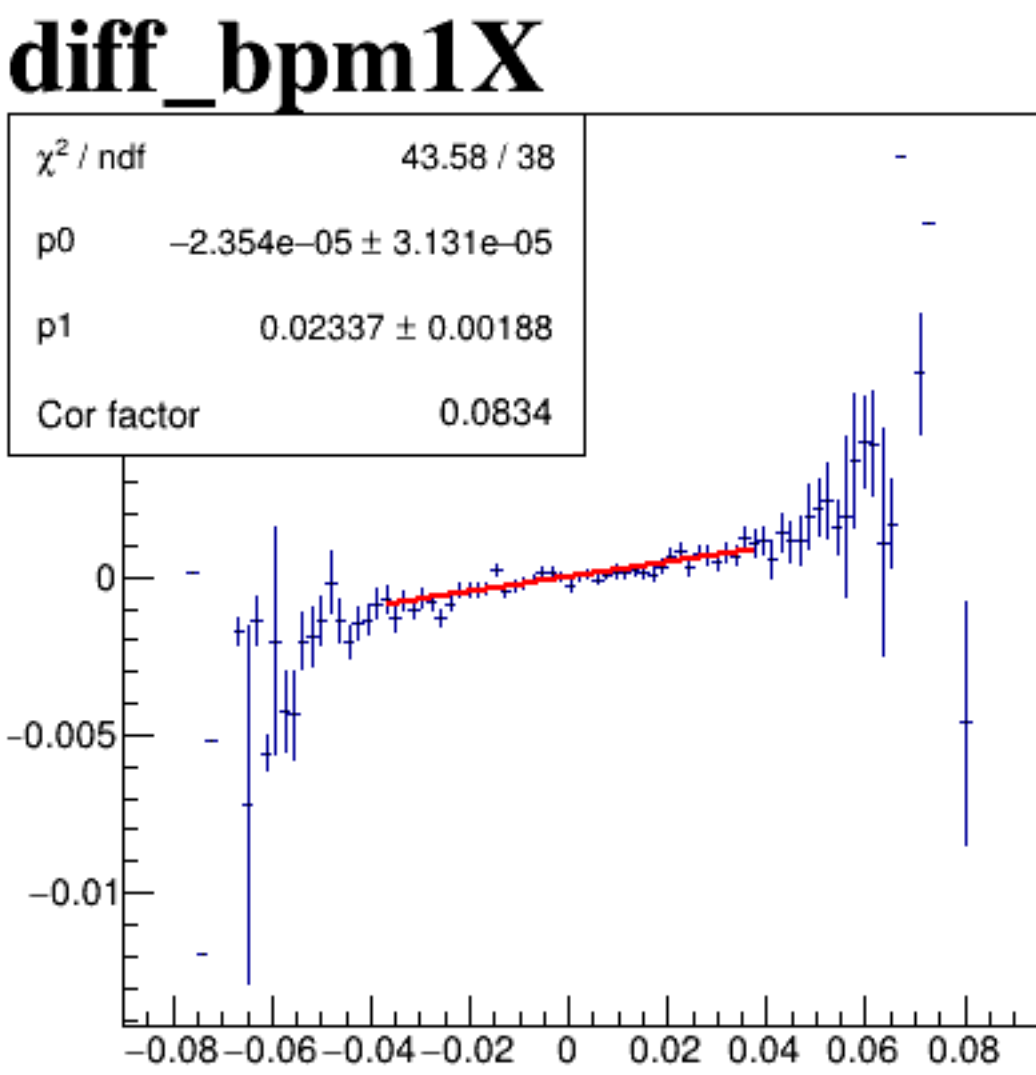
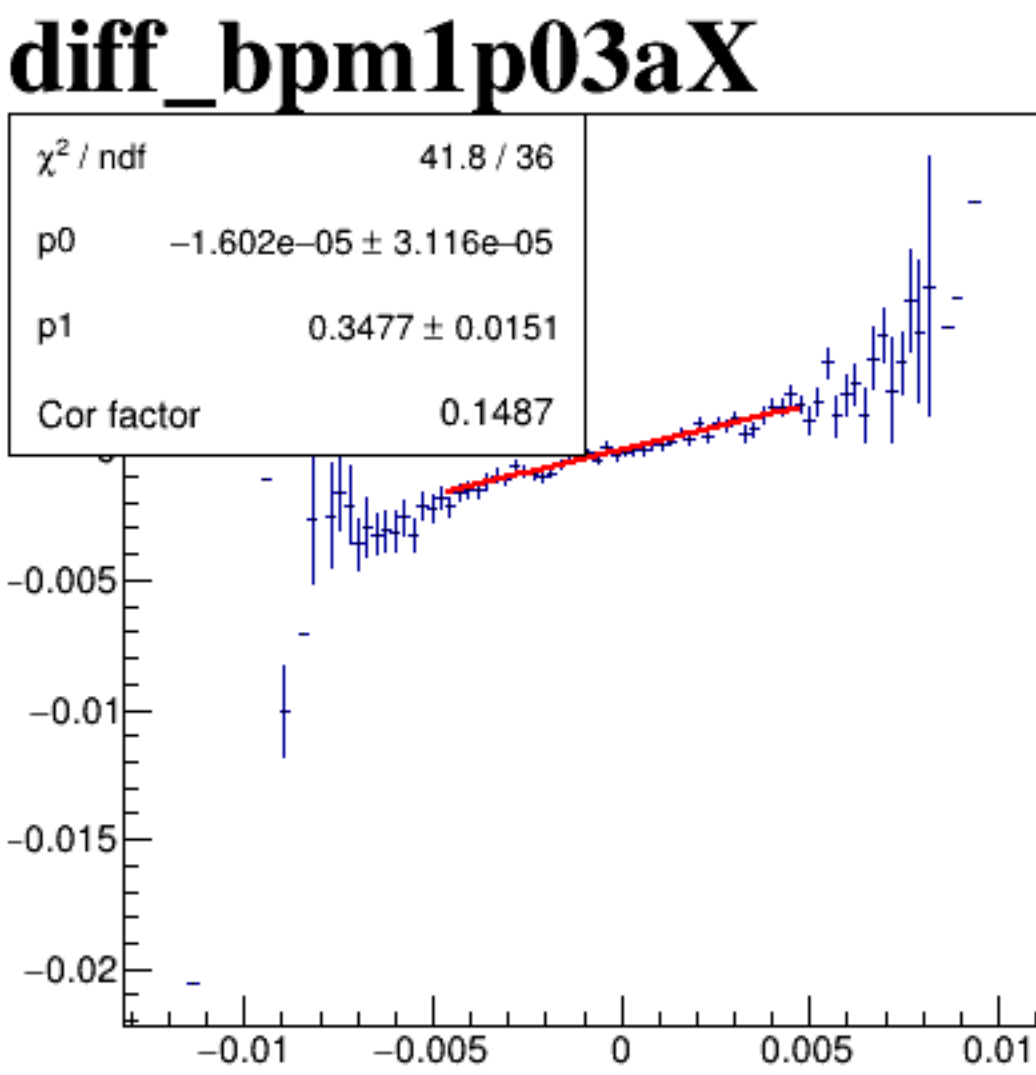
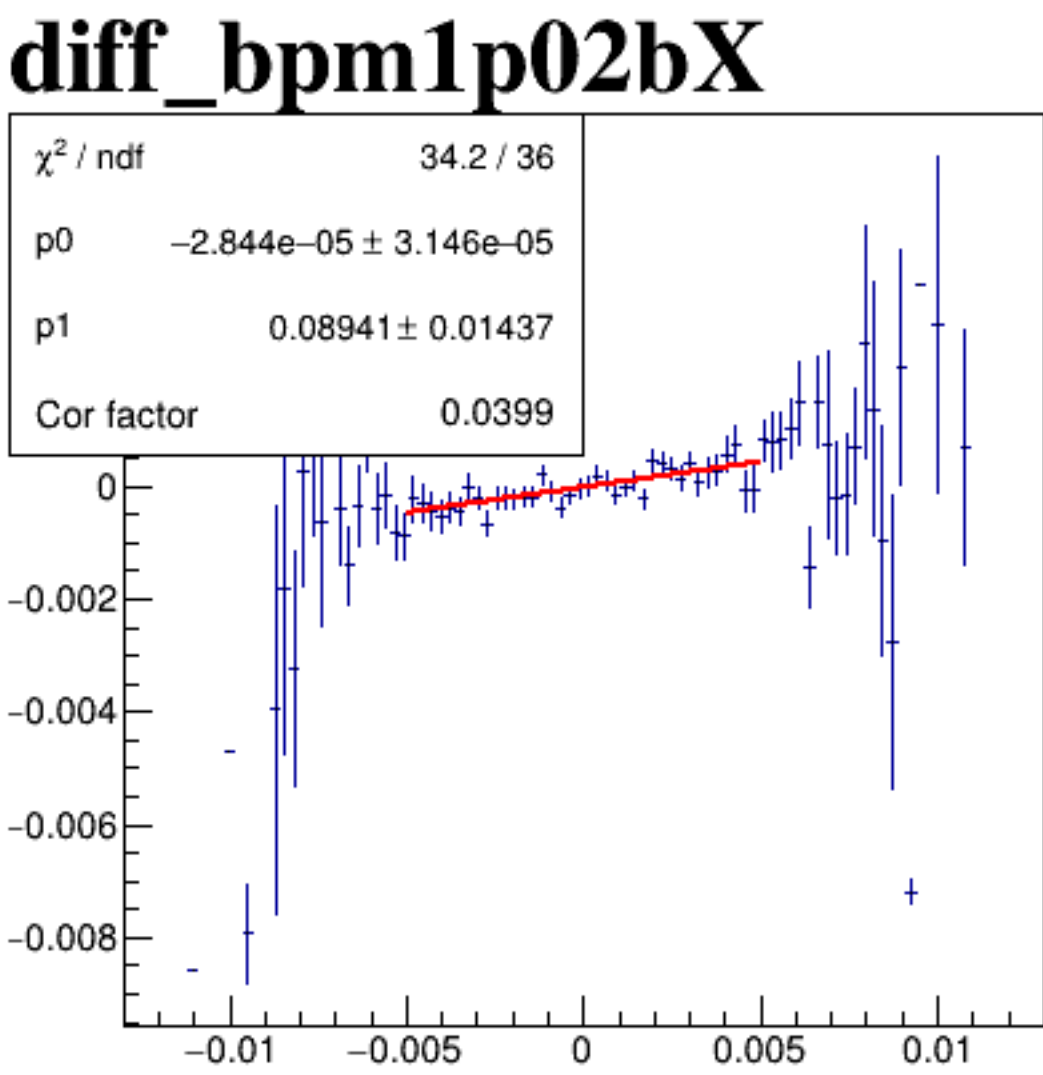
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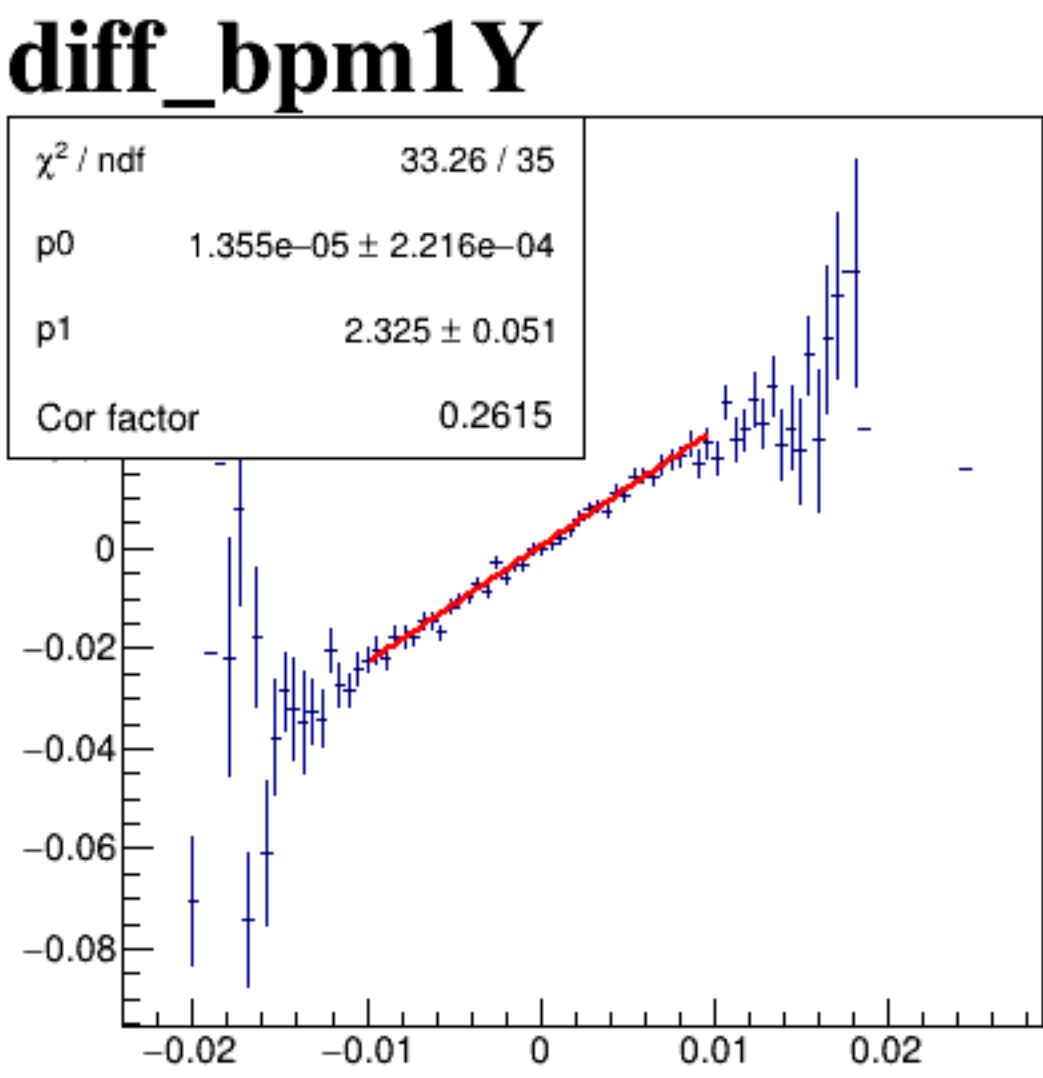
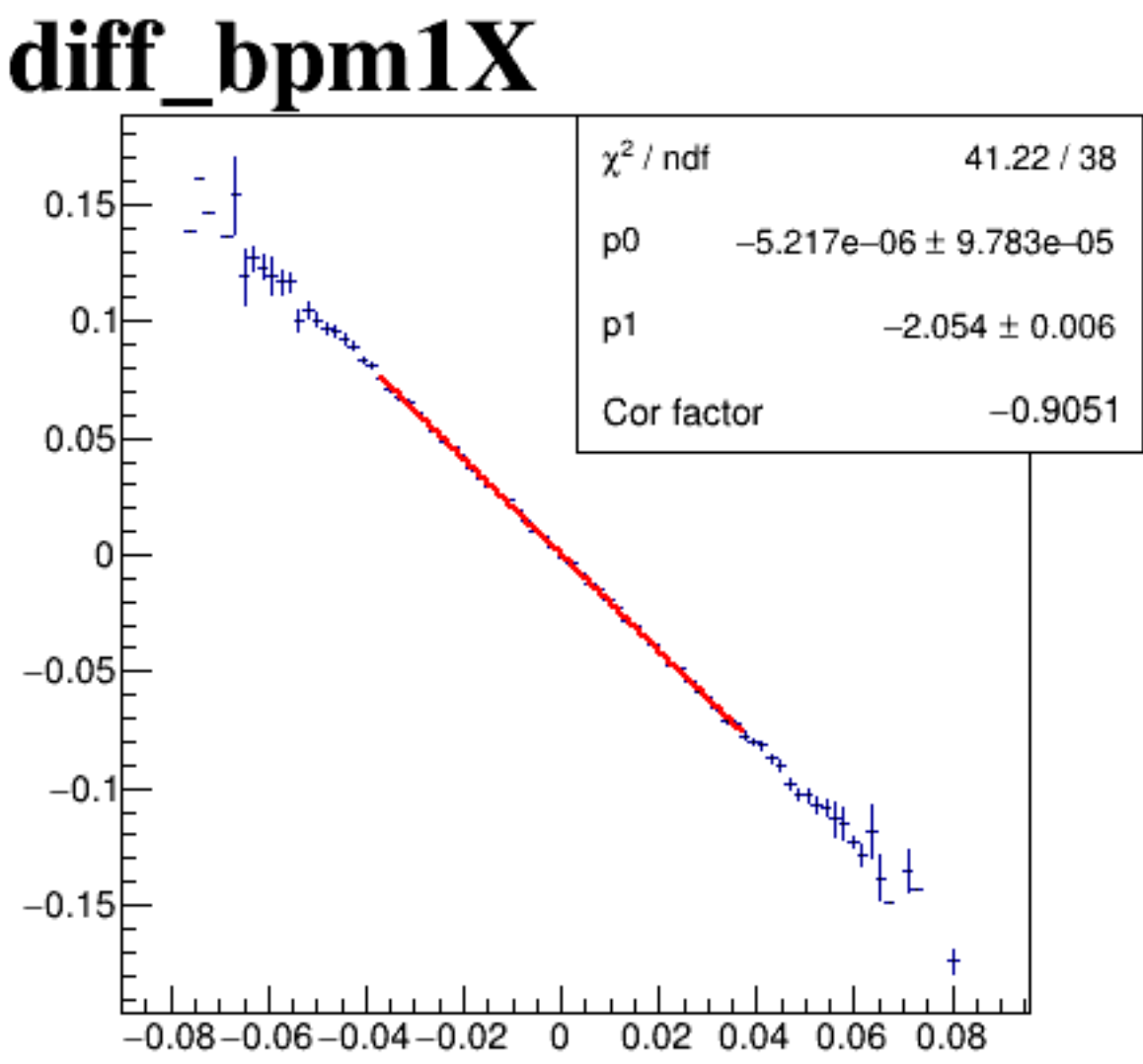
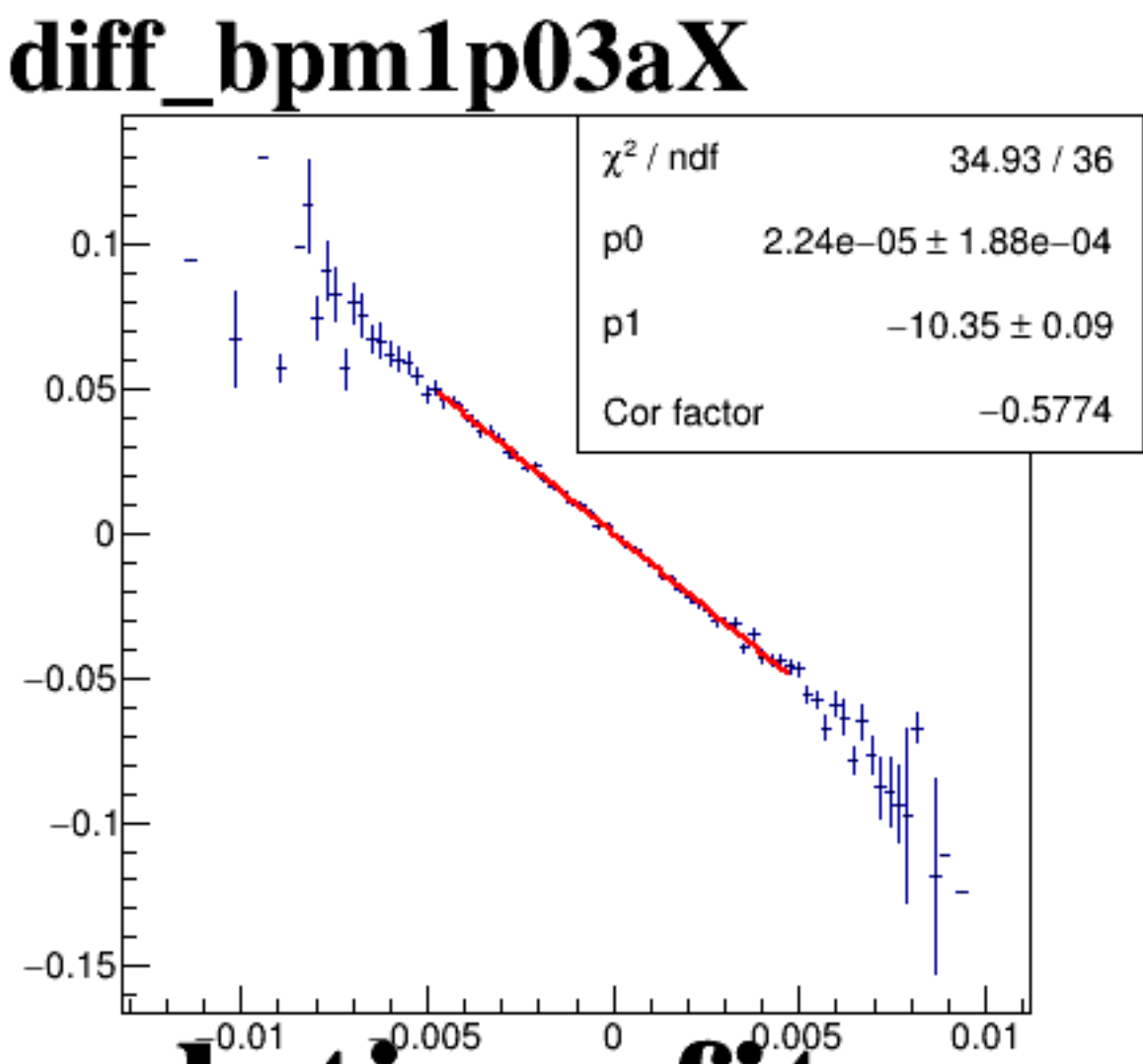
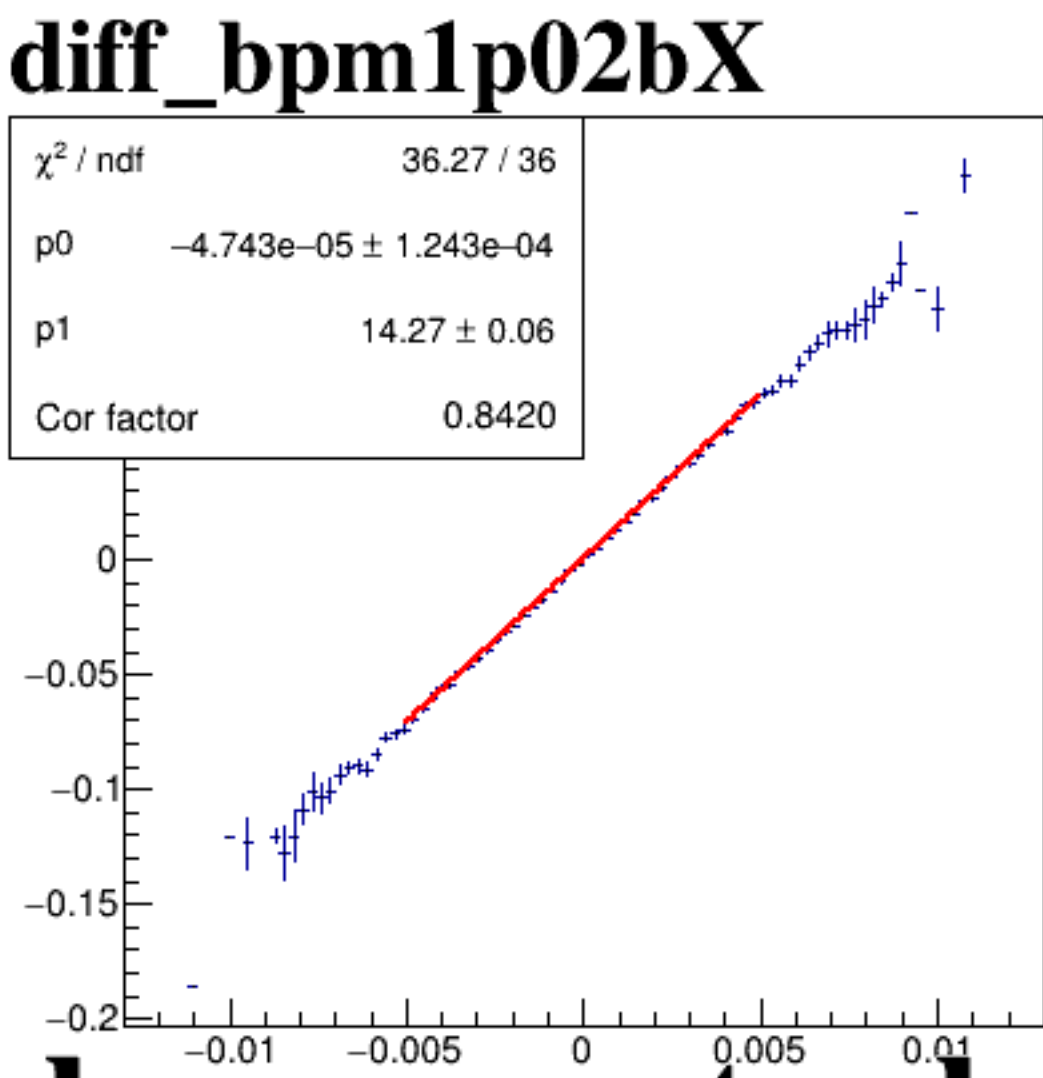
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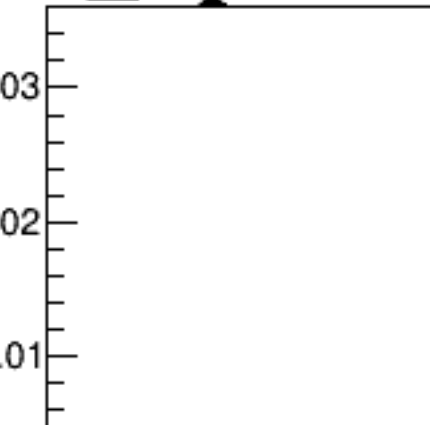
diff_bpm4eY



diff_bpm12X



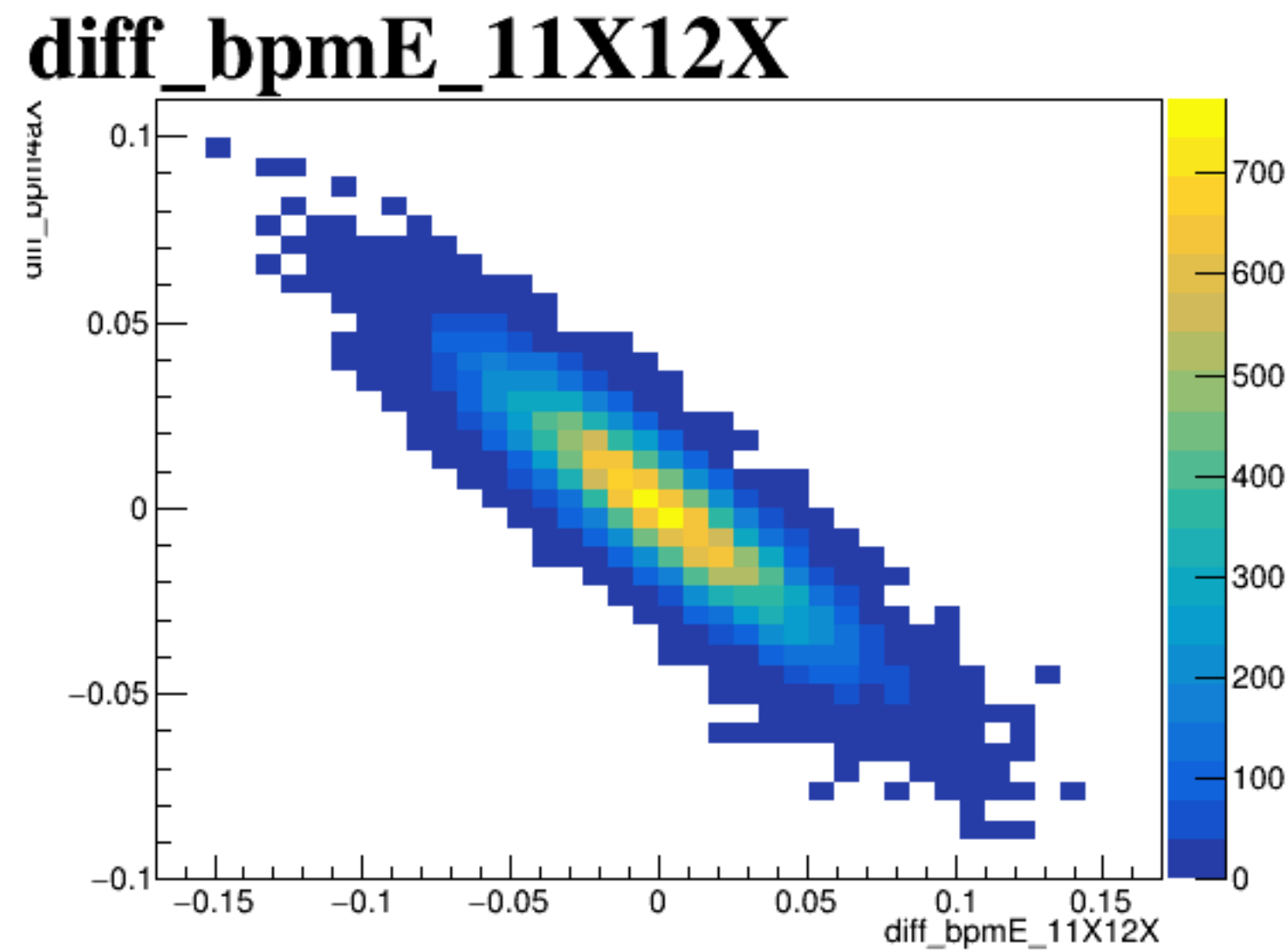
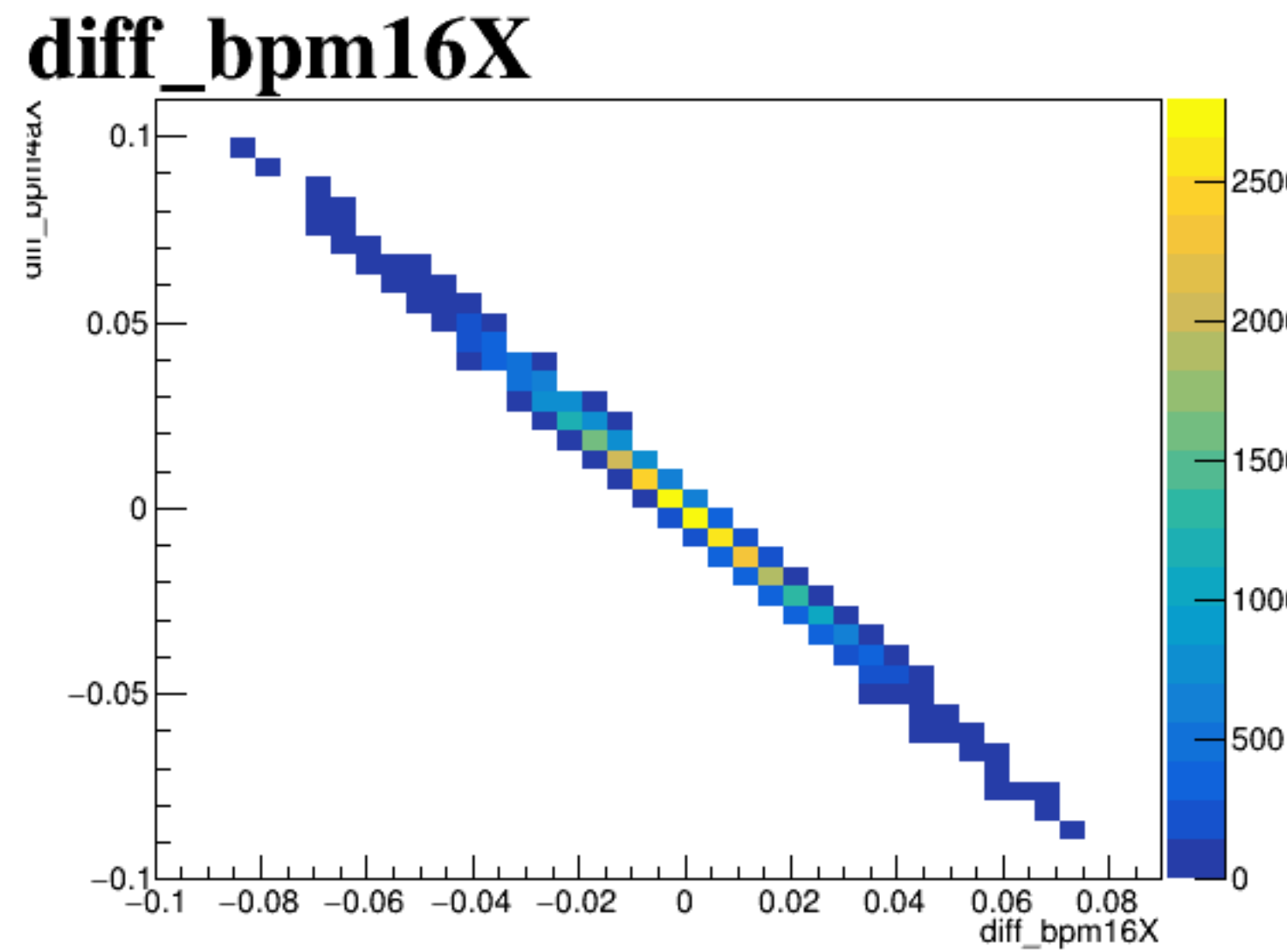
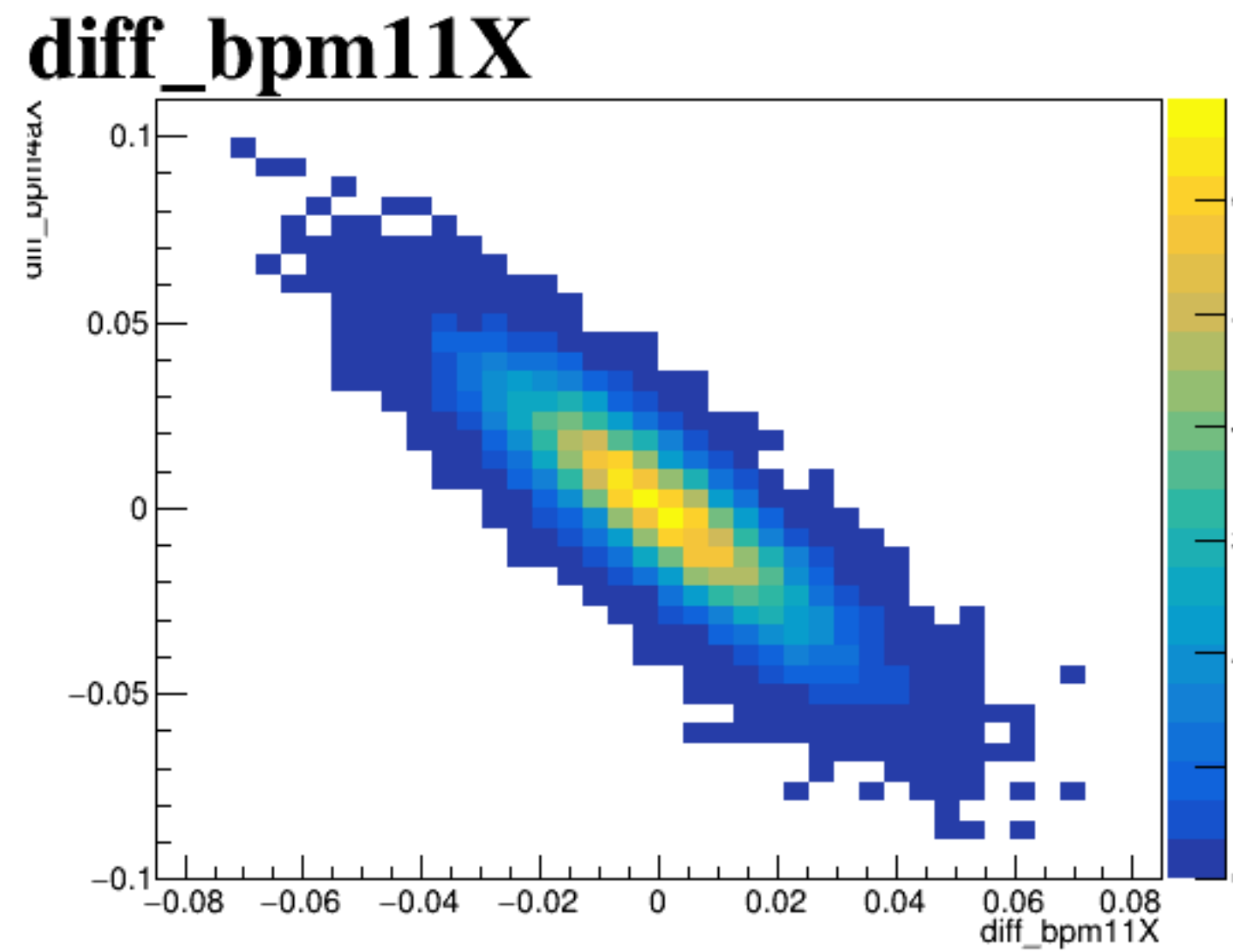
A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.02. The y-axis ranges from -0.1 to 0.1.



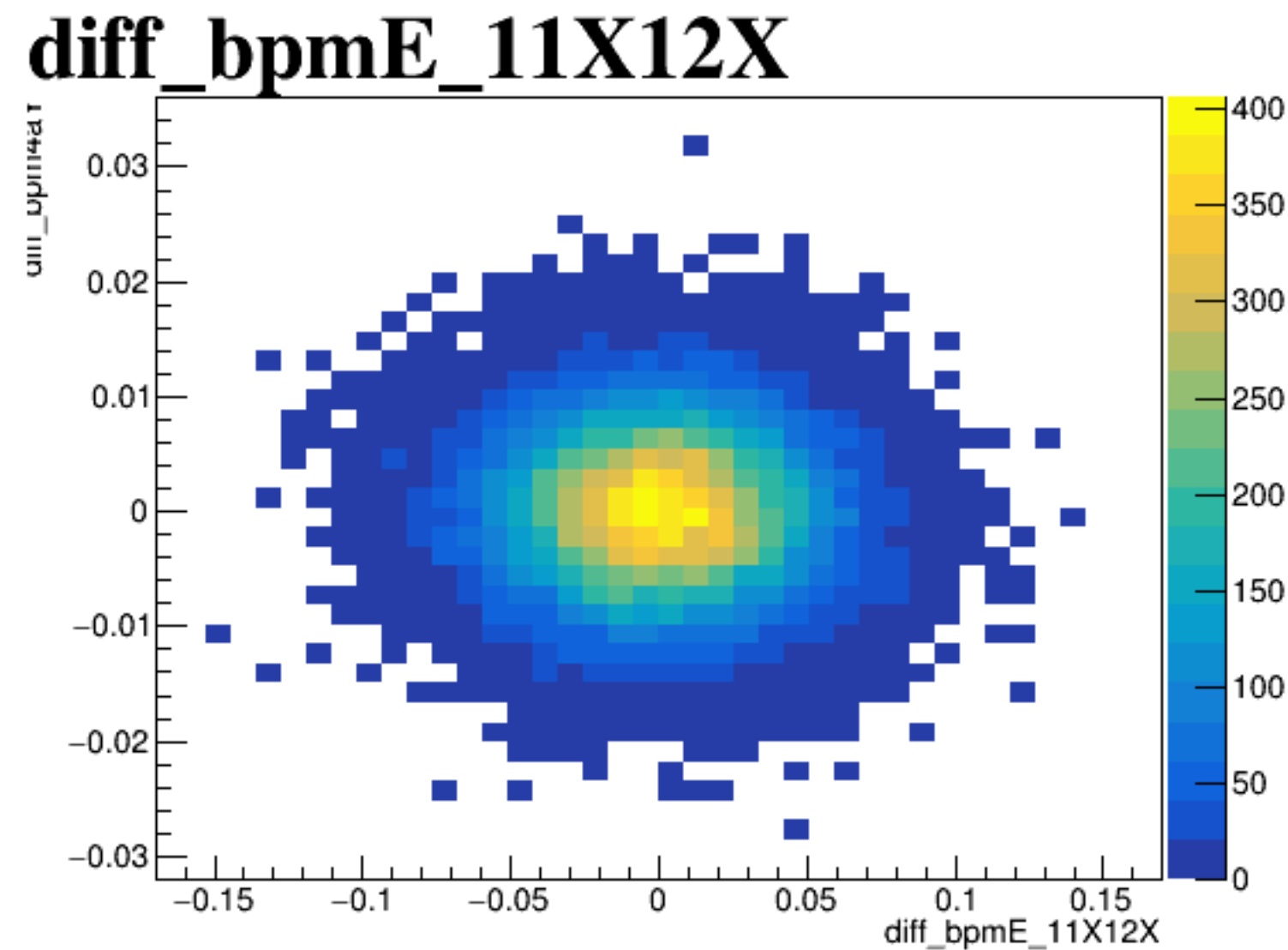
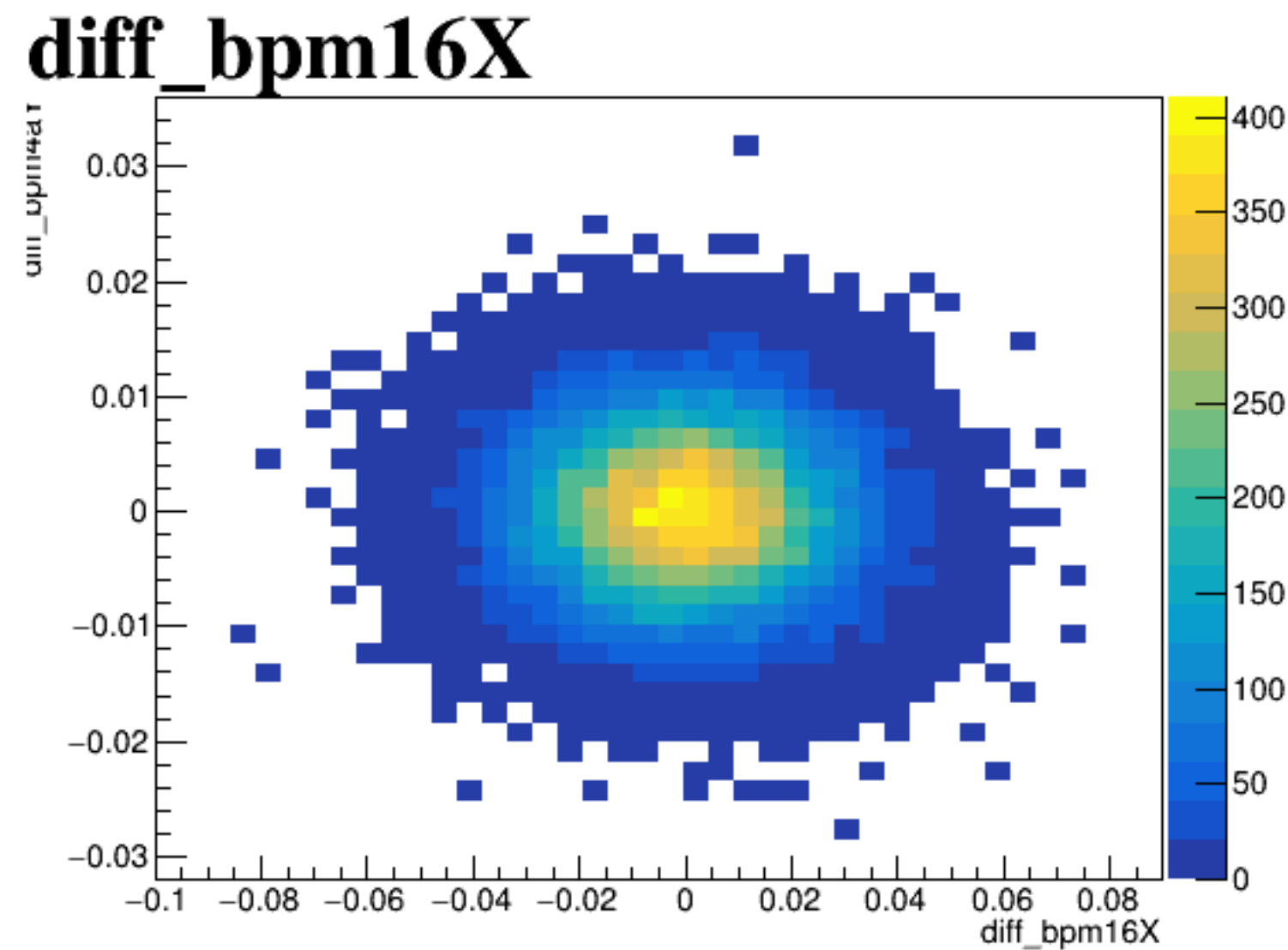
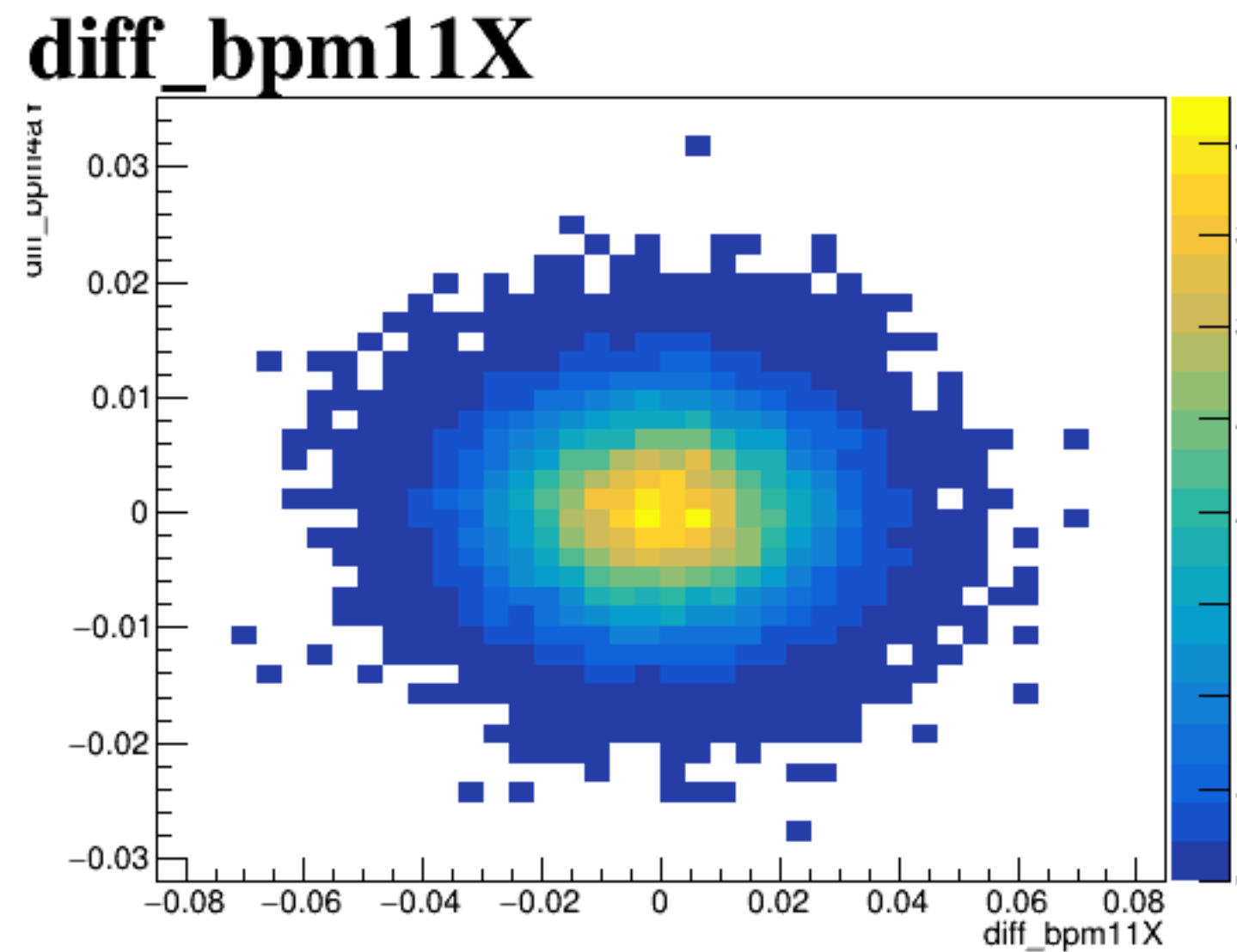
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The x-axis and y-axis both range from -0.03 to 0.03, with major tick marks every 0.01. The data points are densely clustered along a diagonal line from the bottom-left to the top-right, indicating a strong positive correlation. The plot is enclosed in a black rectangular frame.

A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The plot displays a dense cloud of points forming a diagonal band from the bottom-left to the top-right, indicating a strong positive correlation. The axes range from -0.03 to 0.03 with major ticks every 0.01.

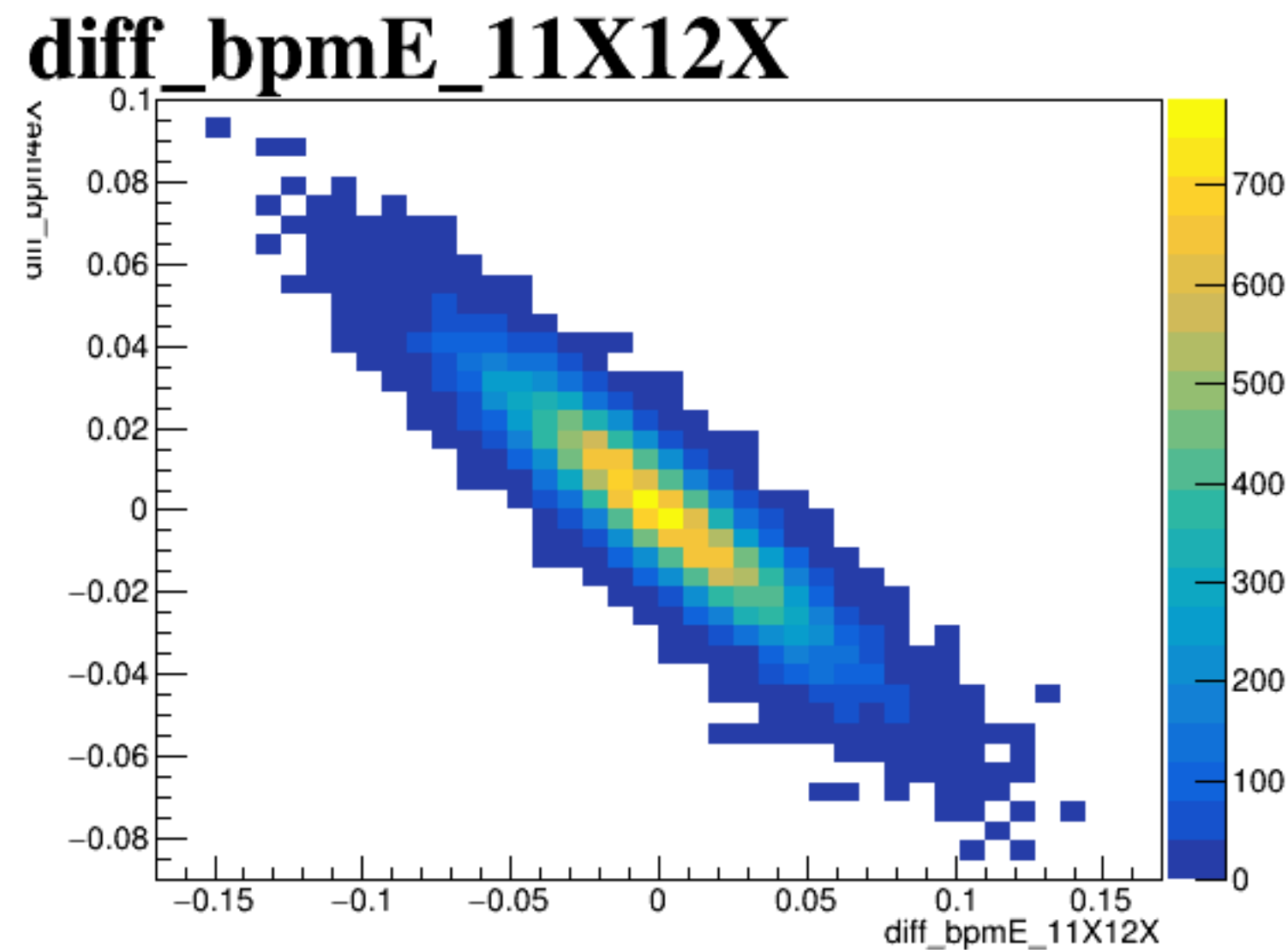
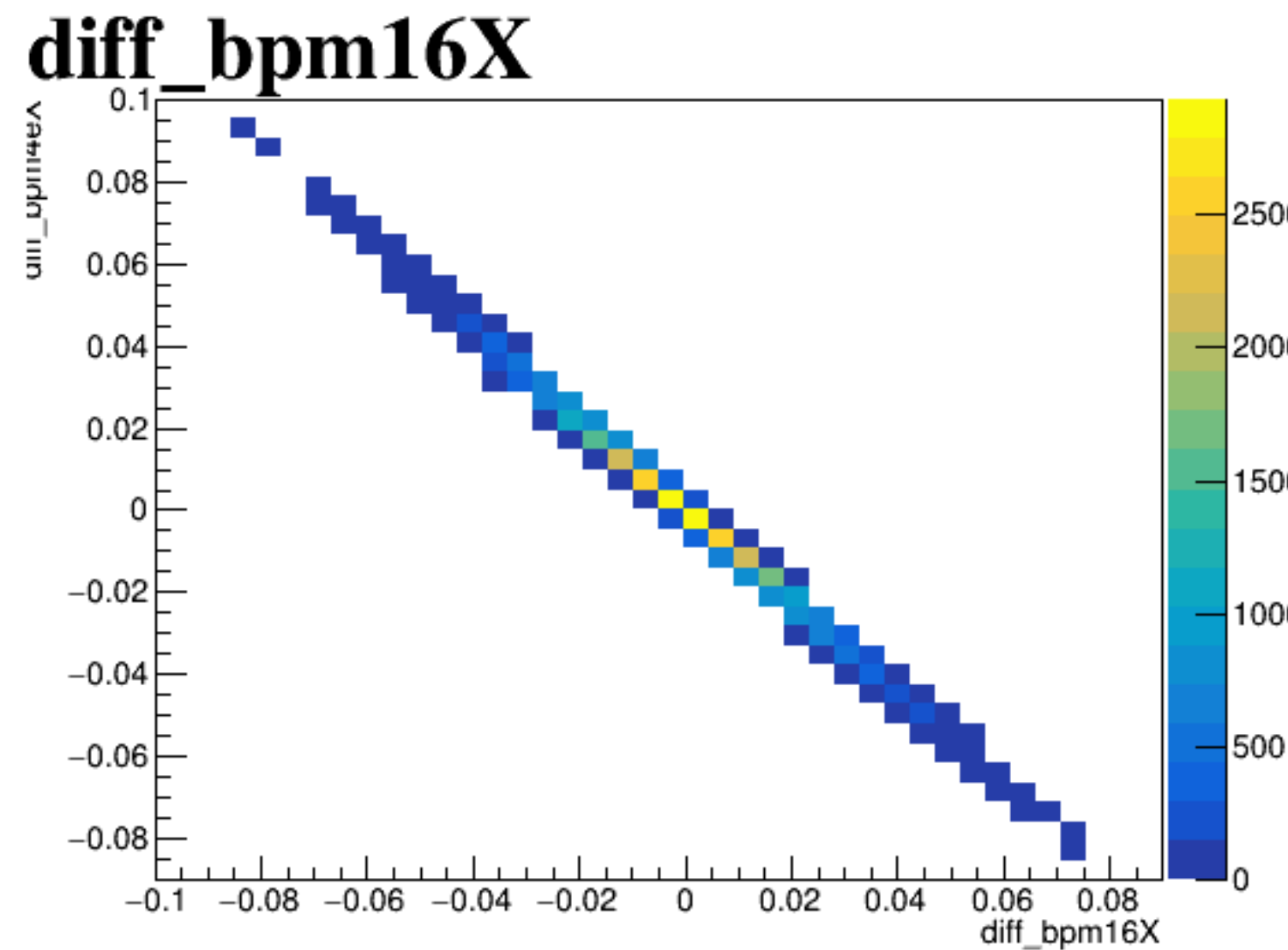
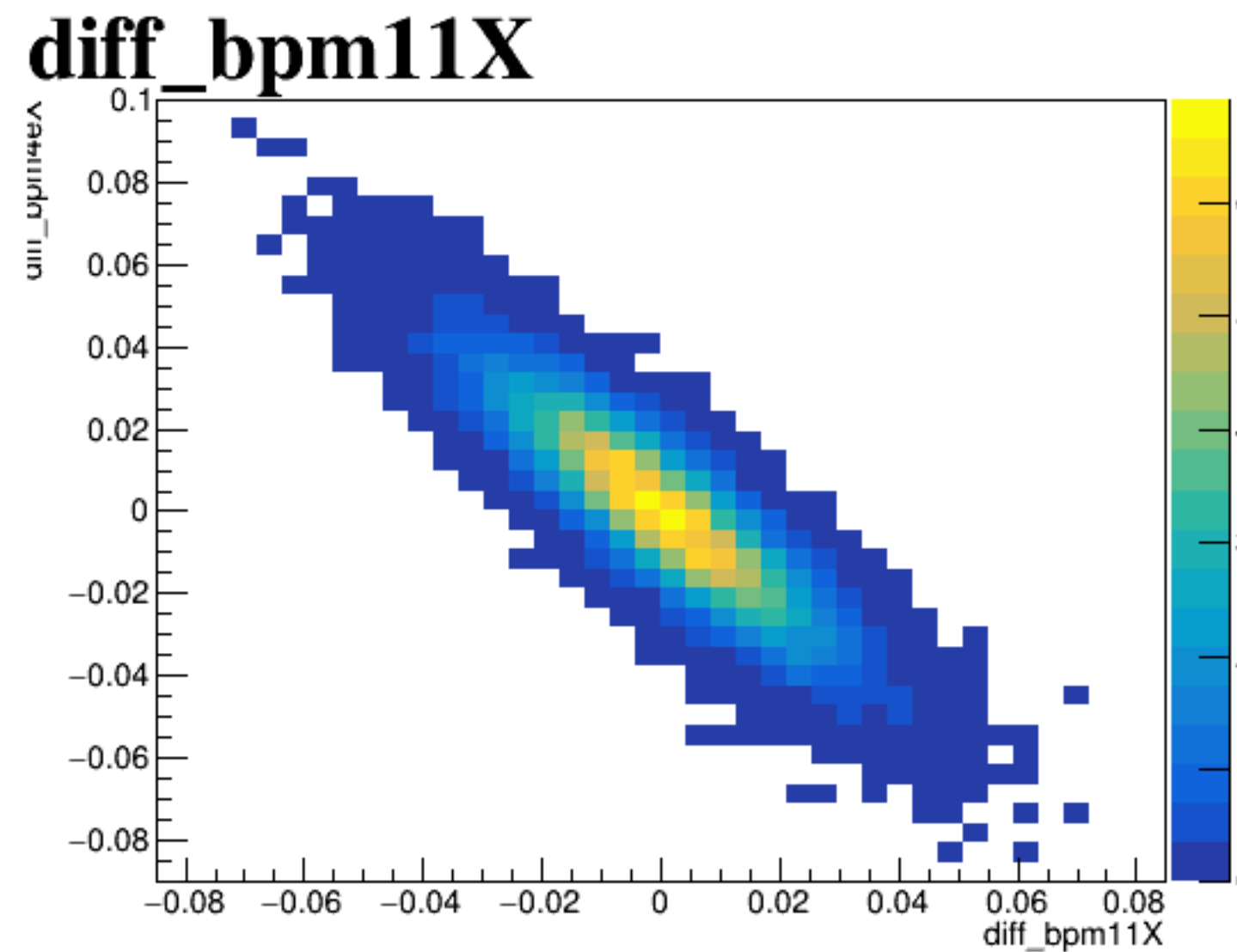
diff_bpm4aX



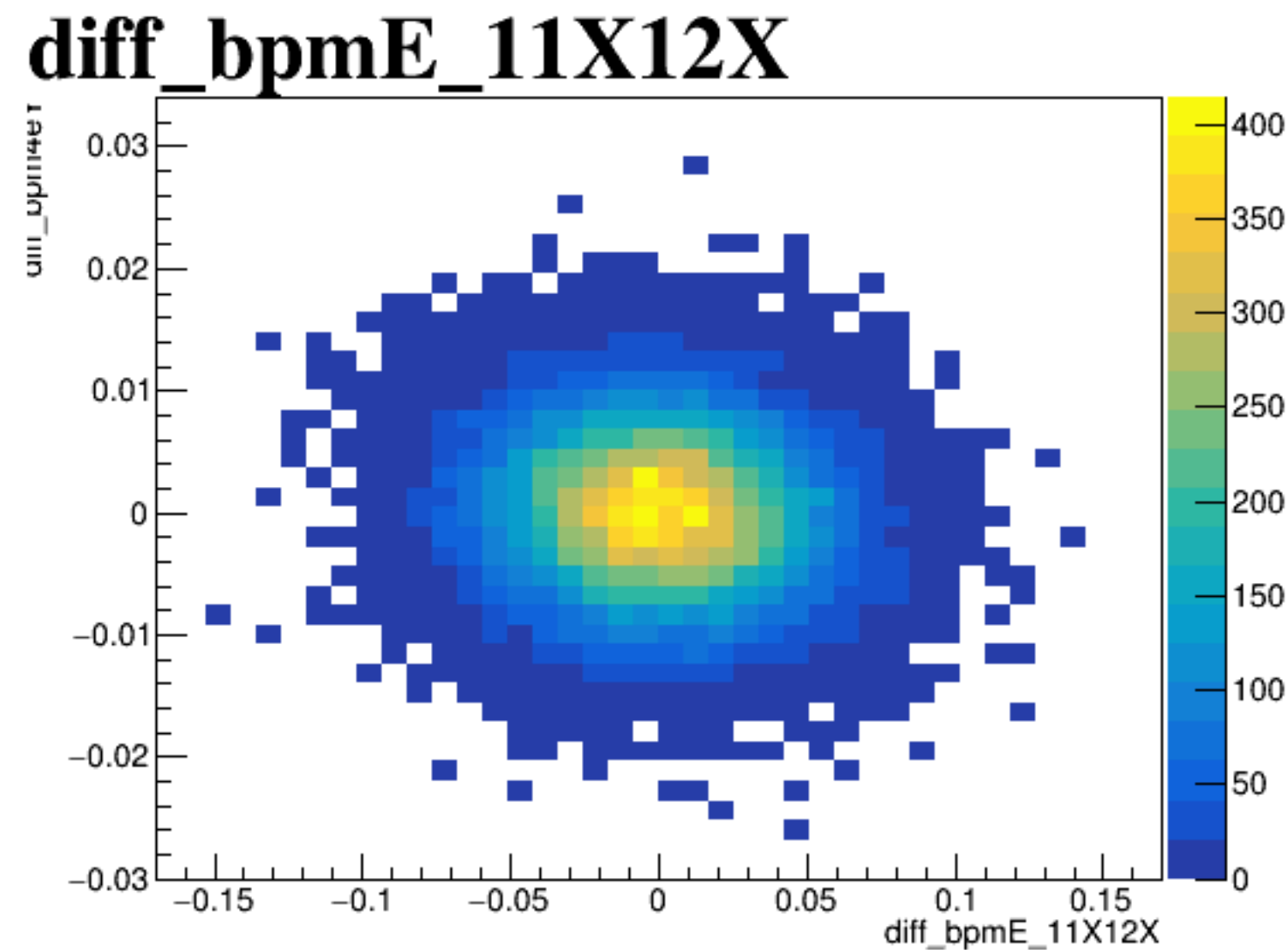
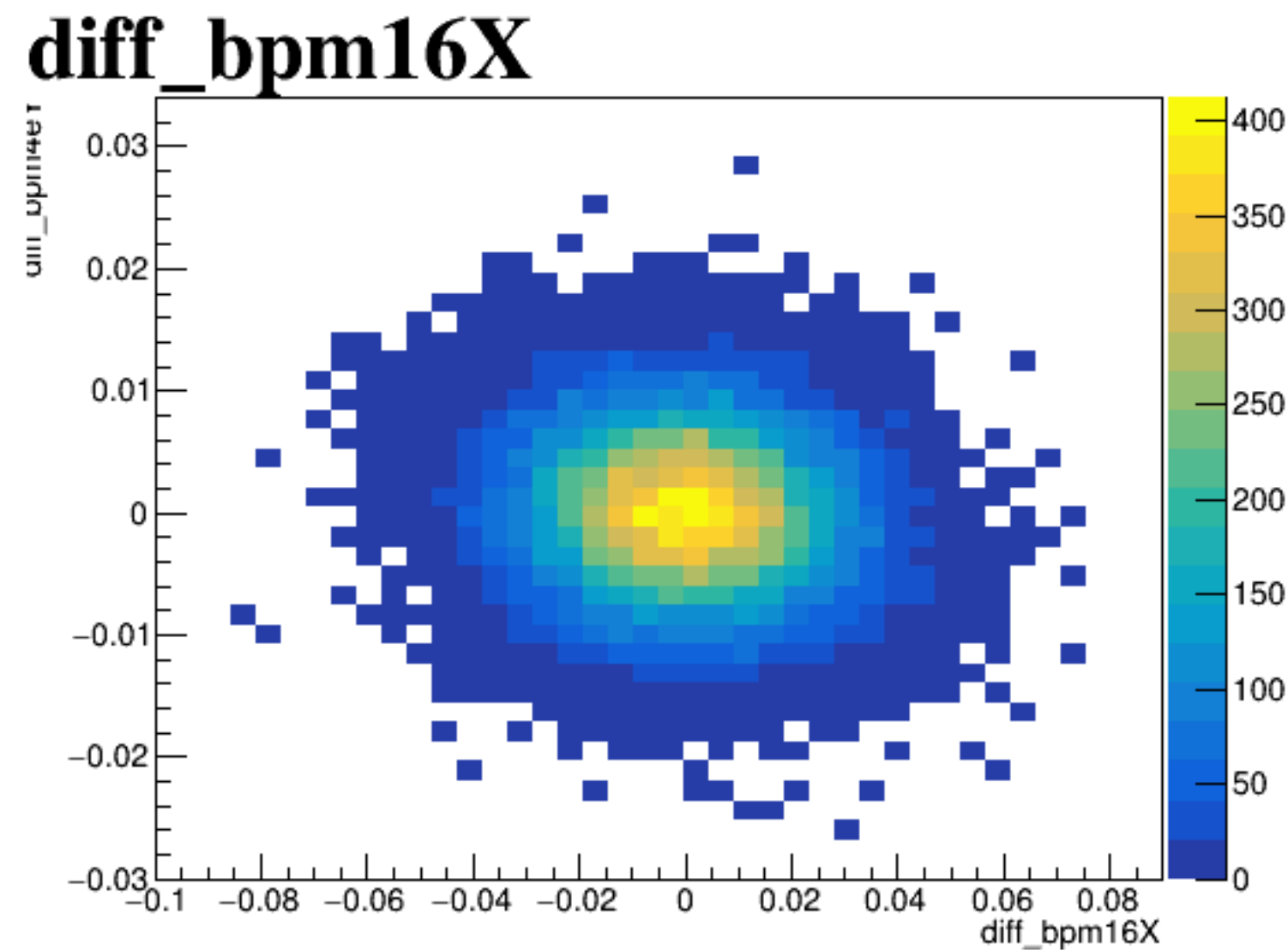
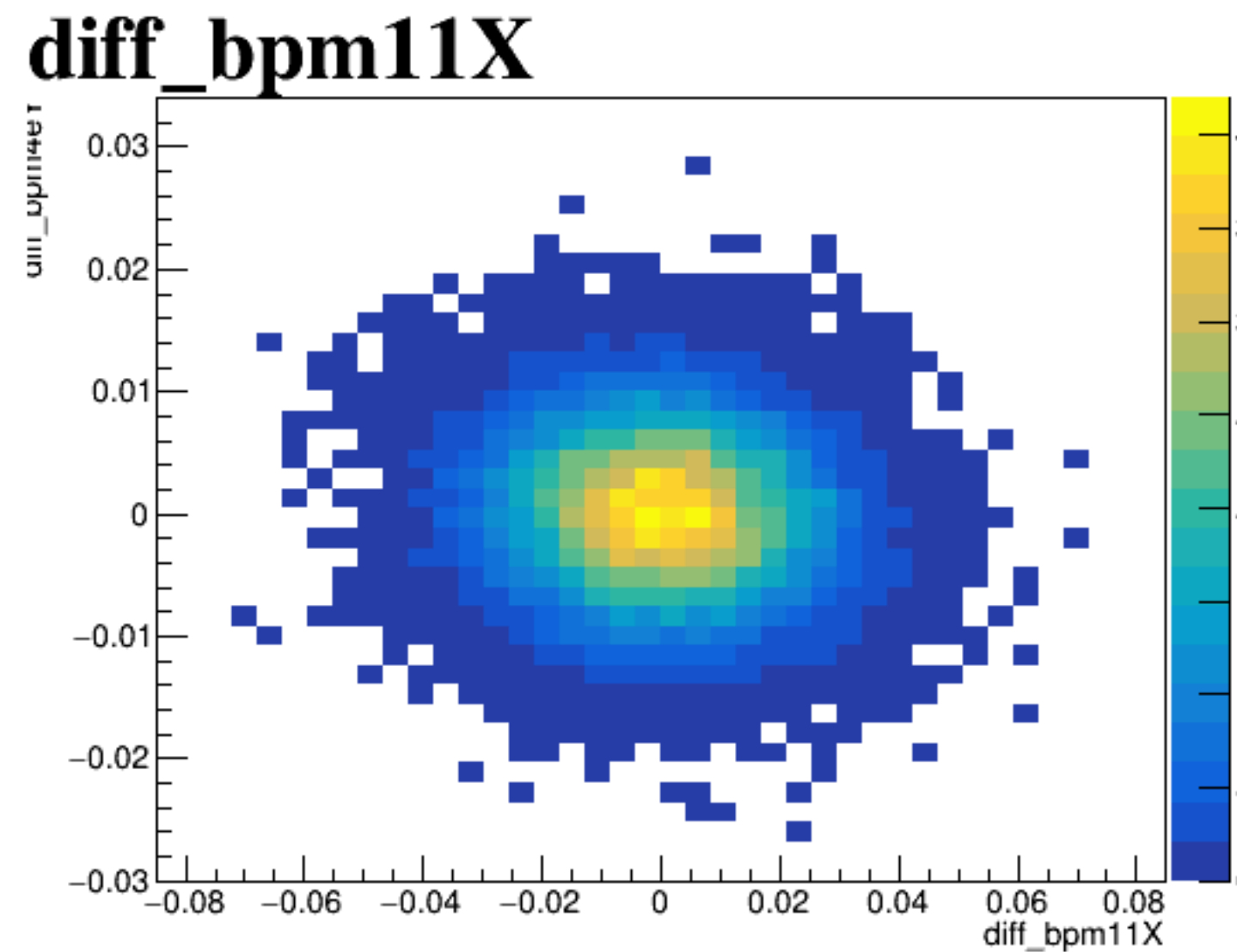
diff_bpm4aY



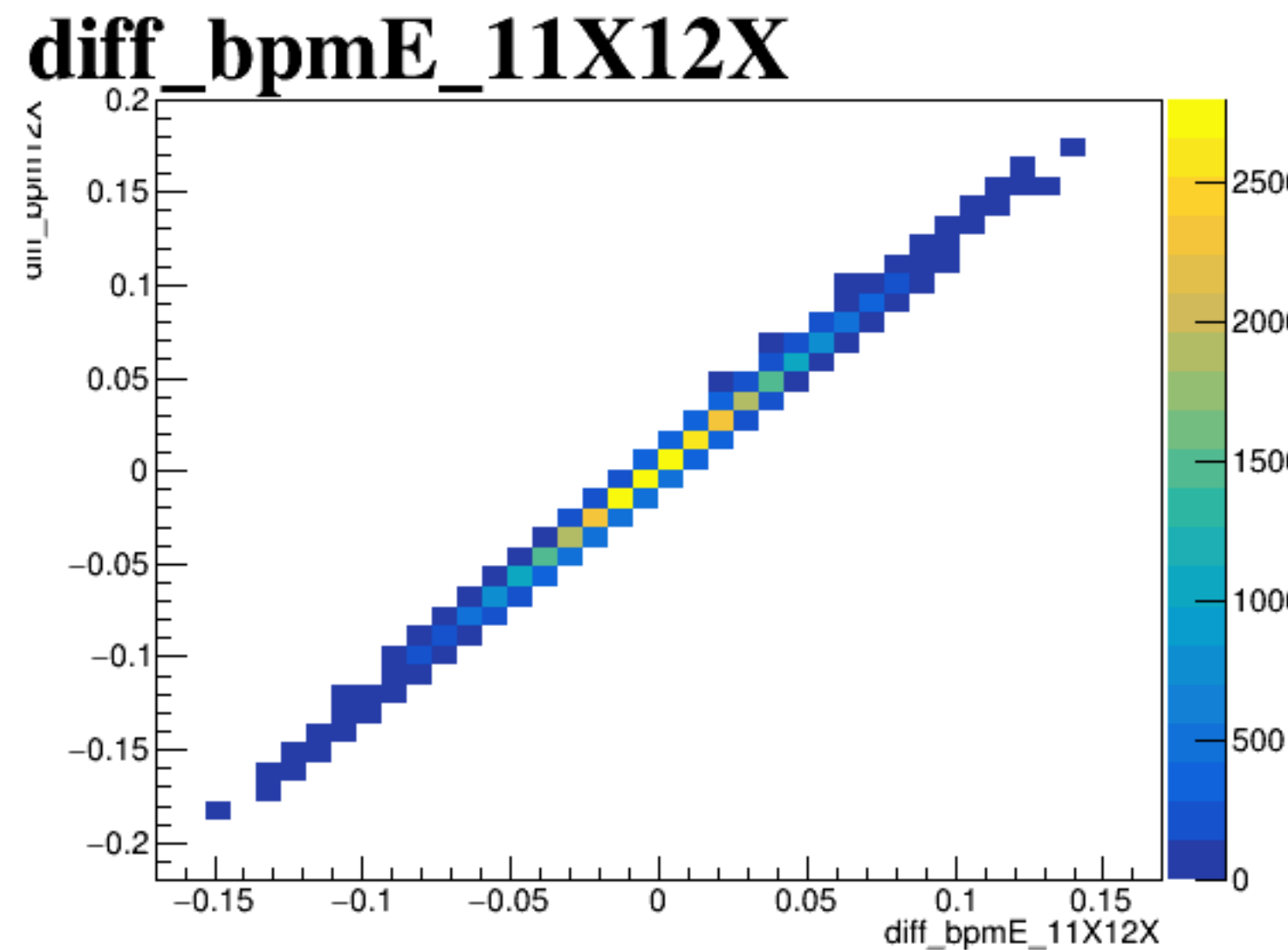
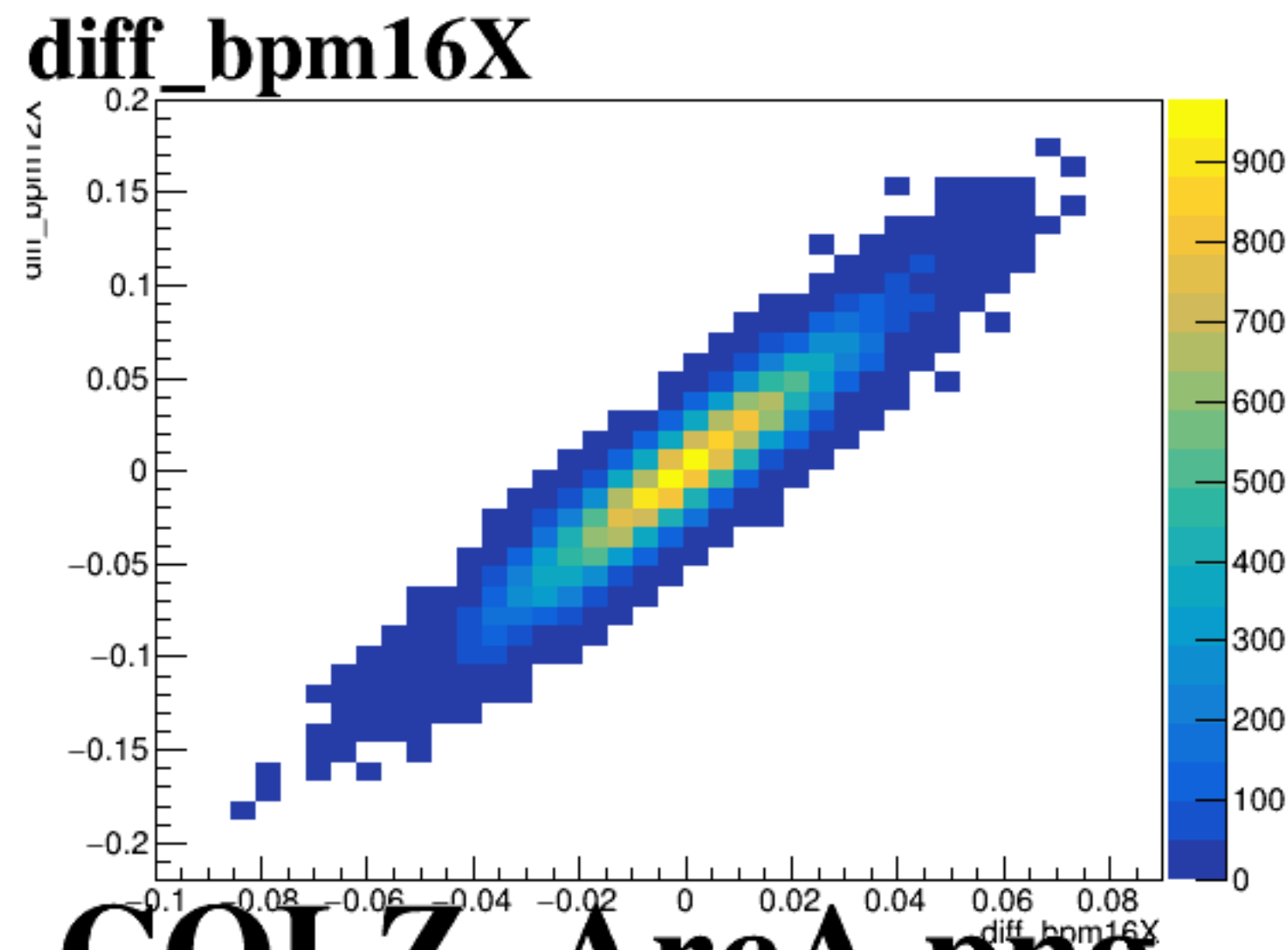
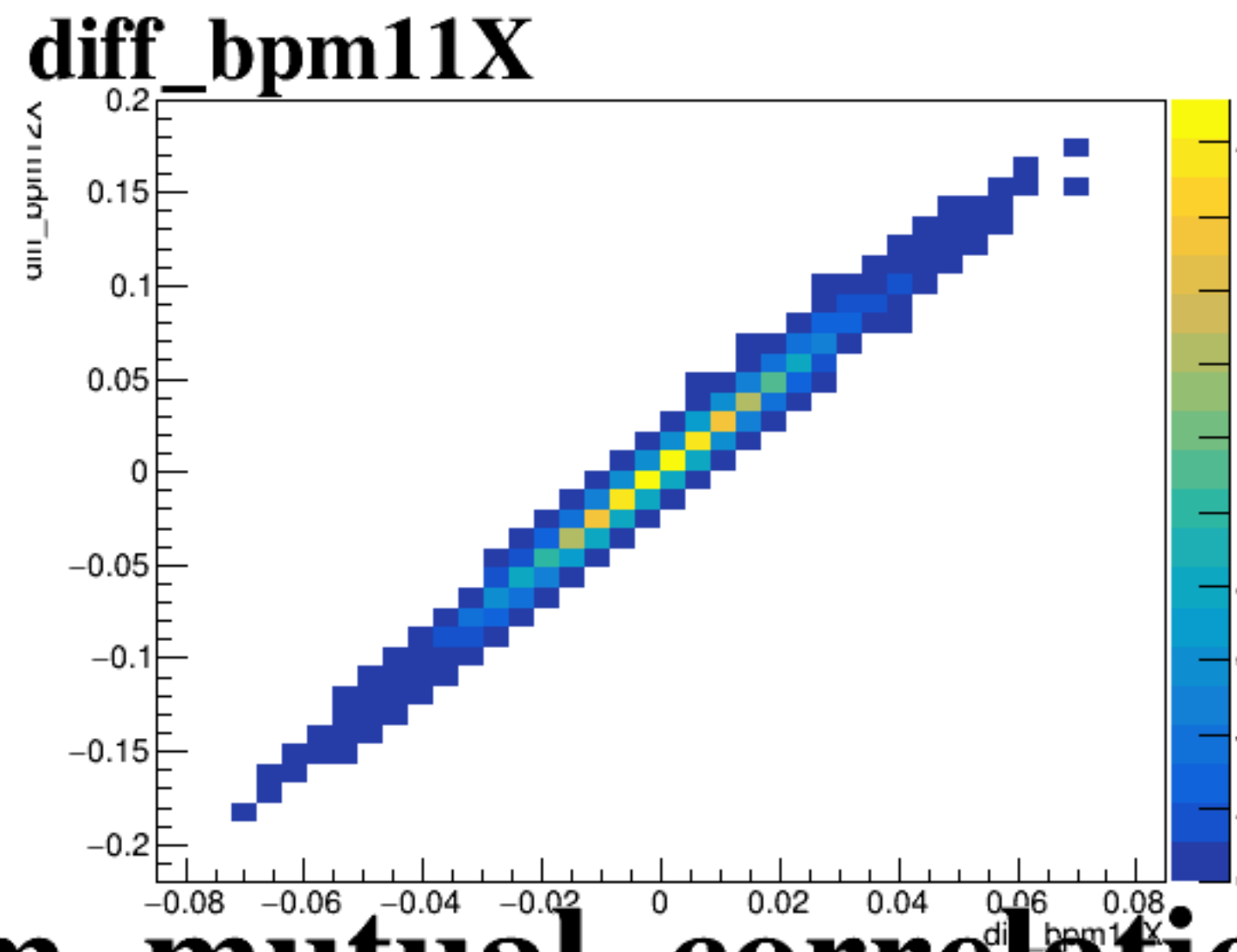
diff_bpm4eX



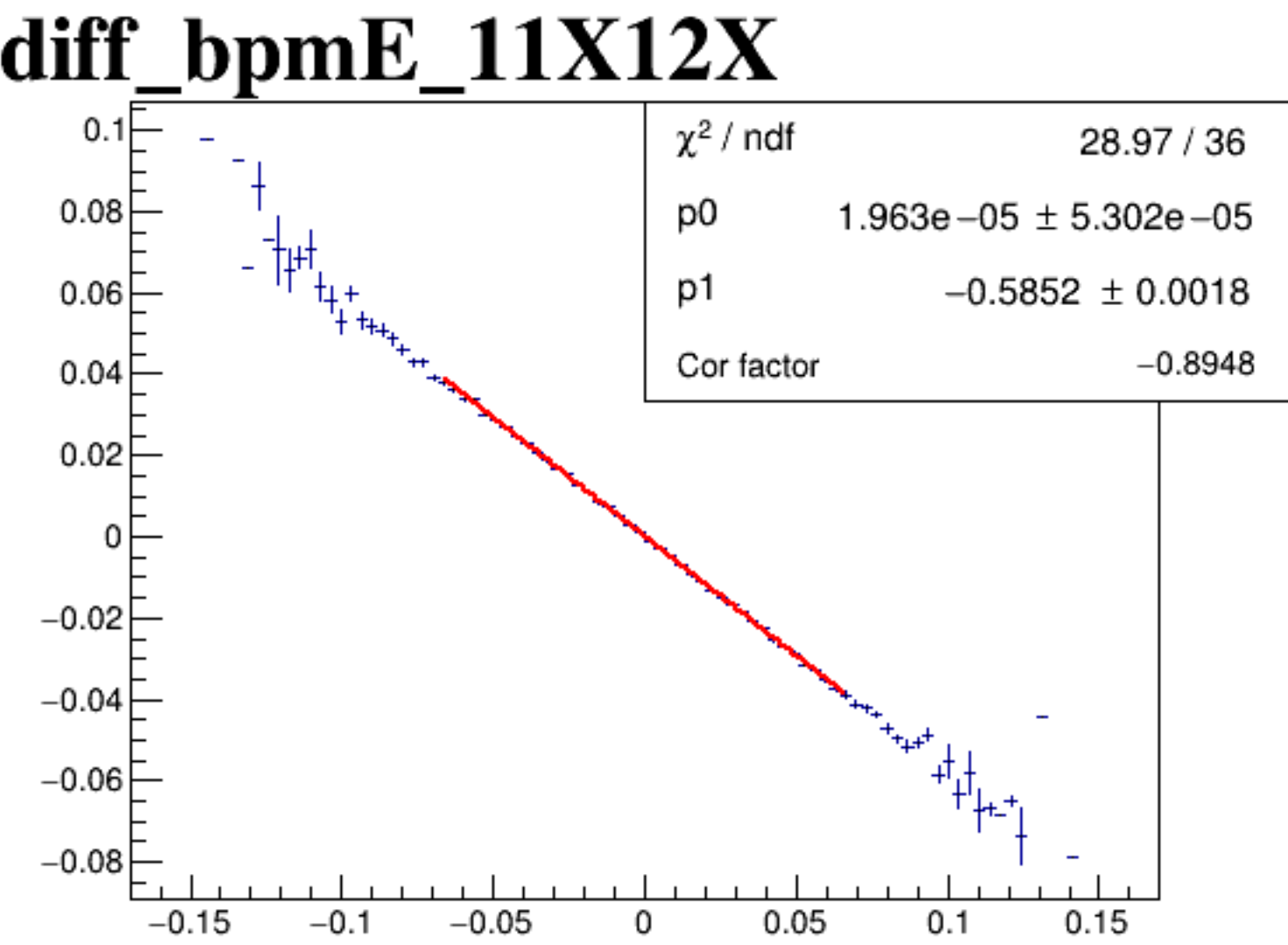
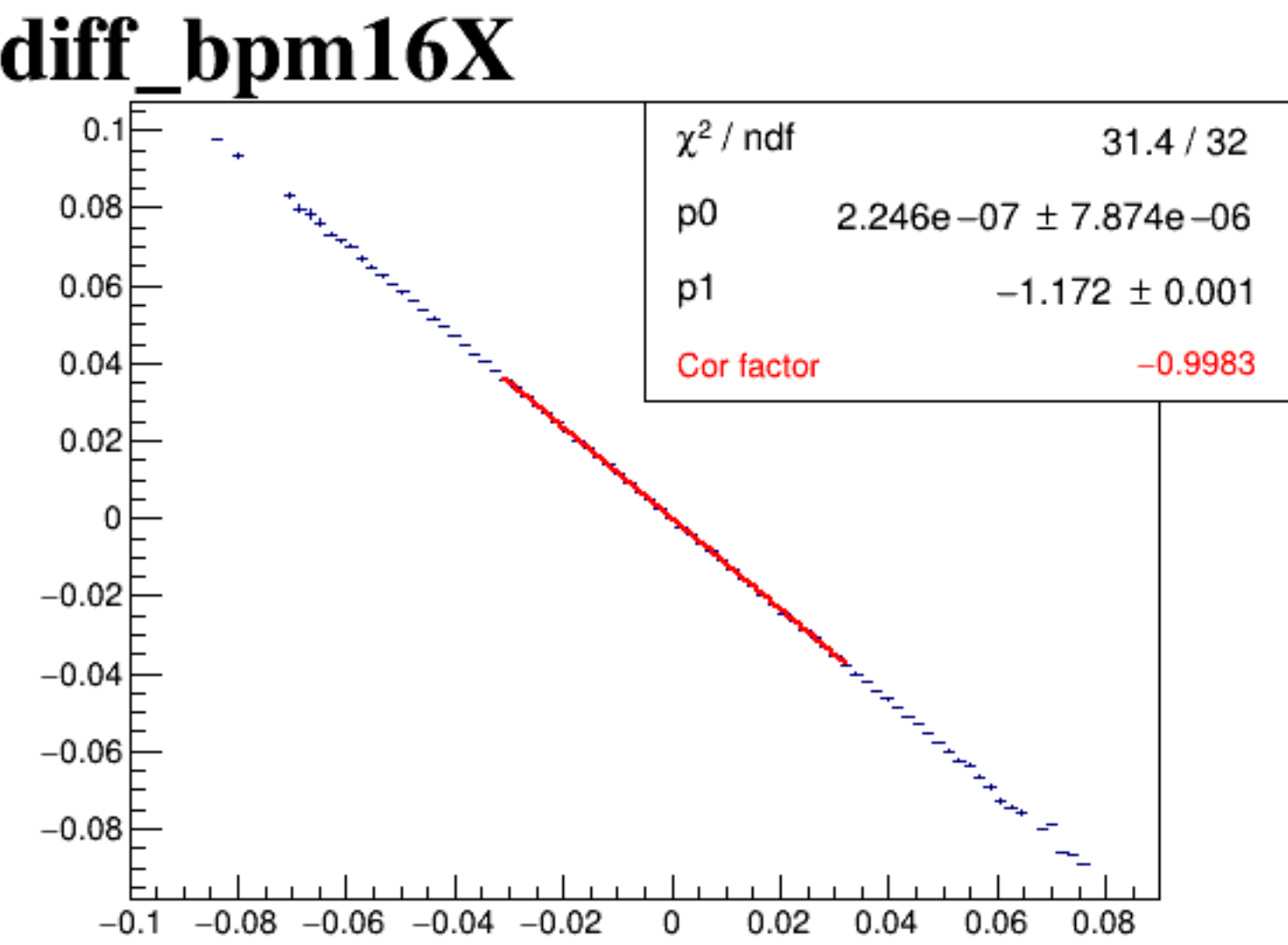
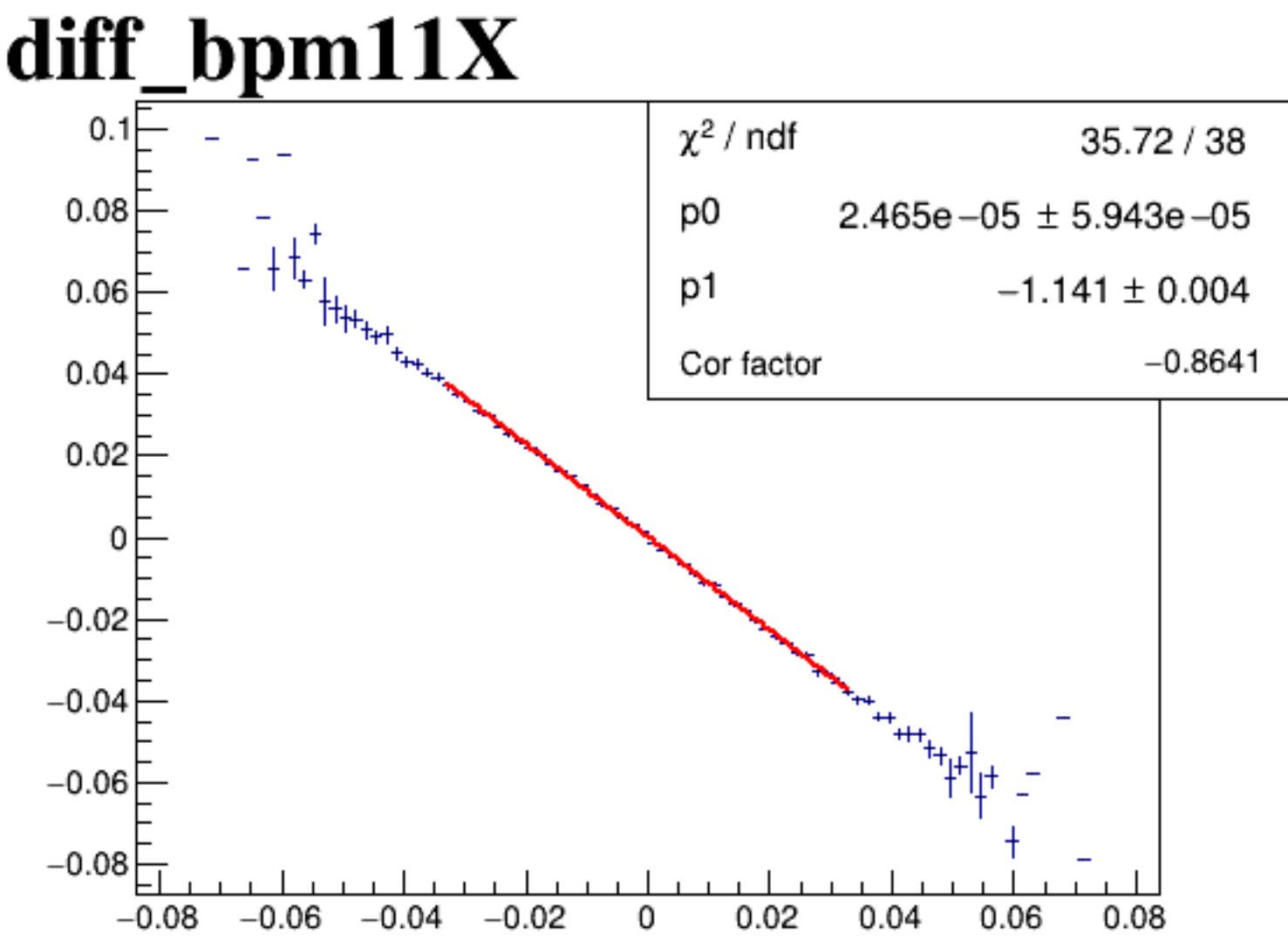
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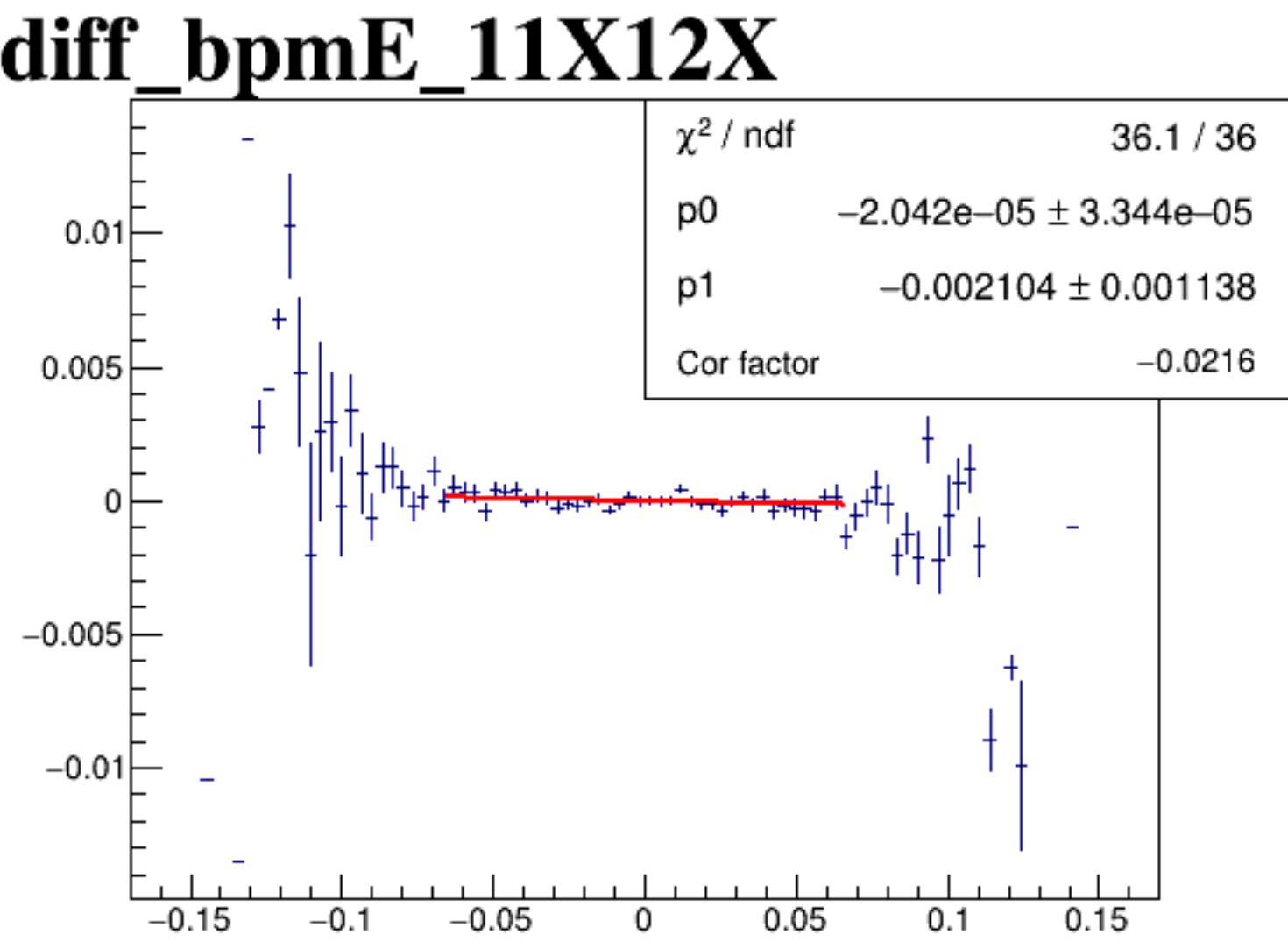
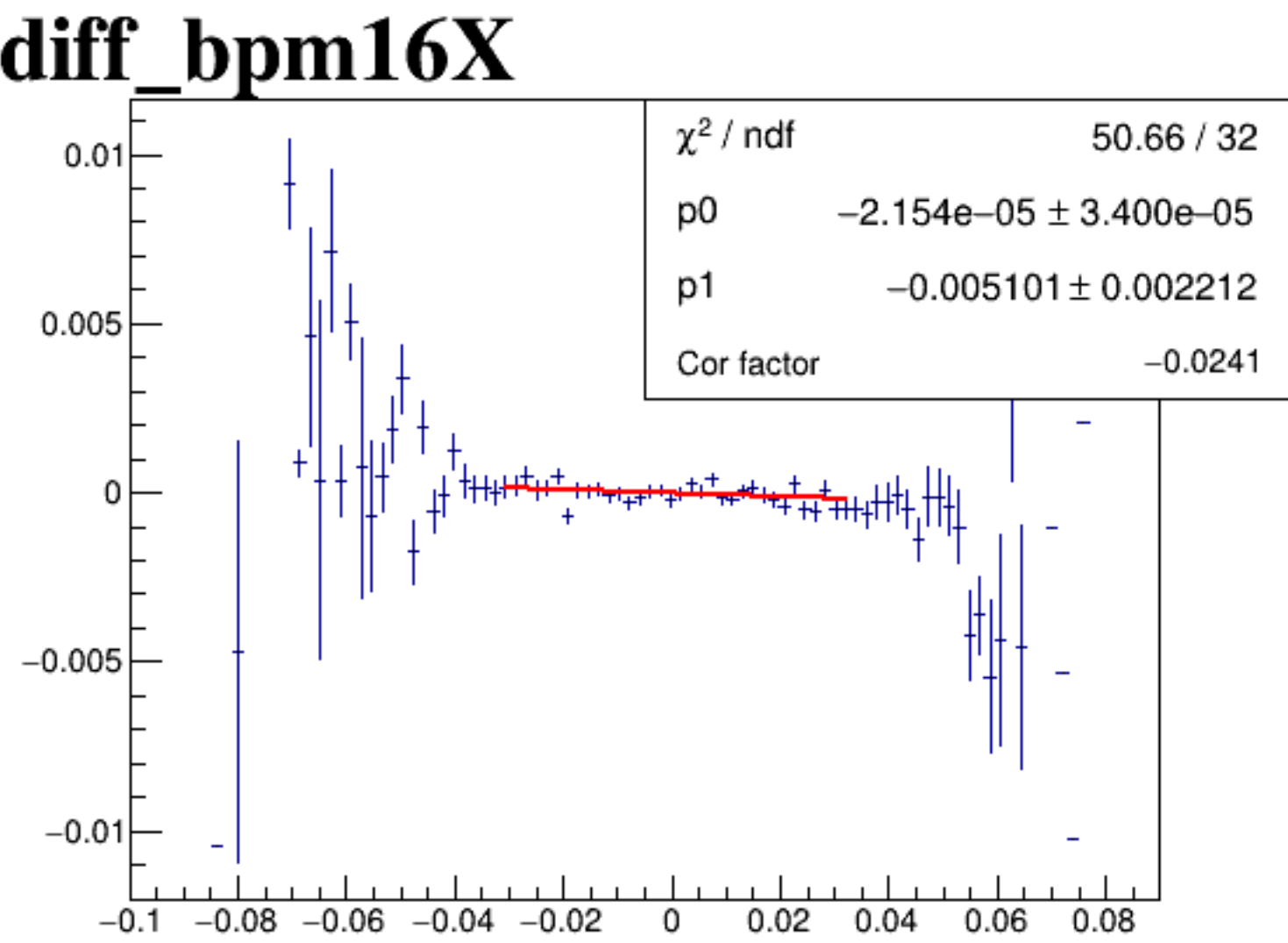
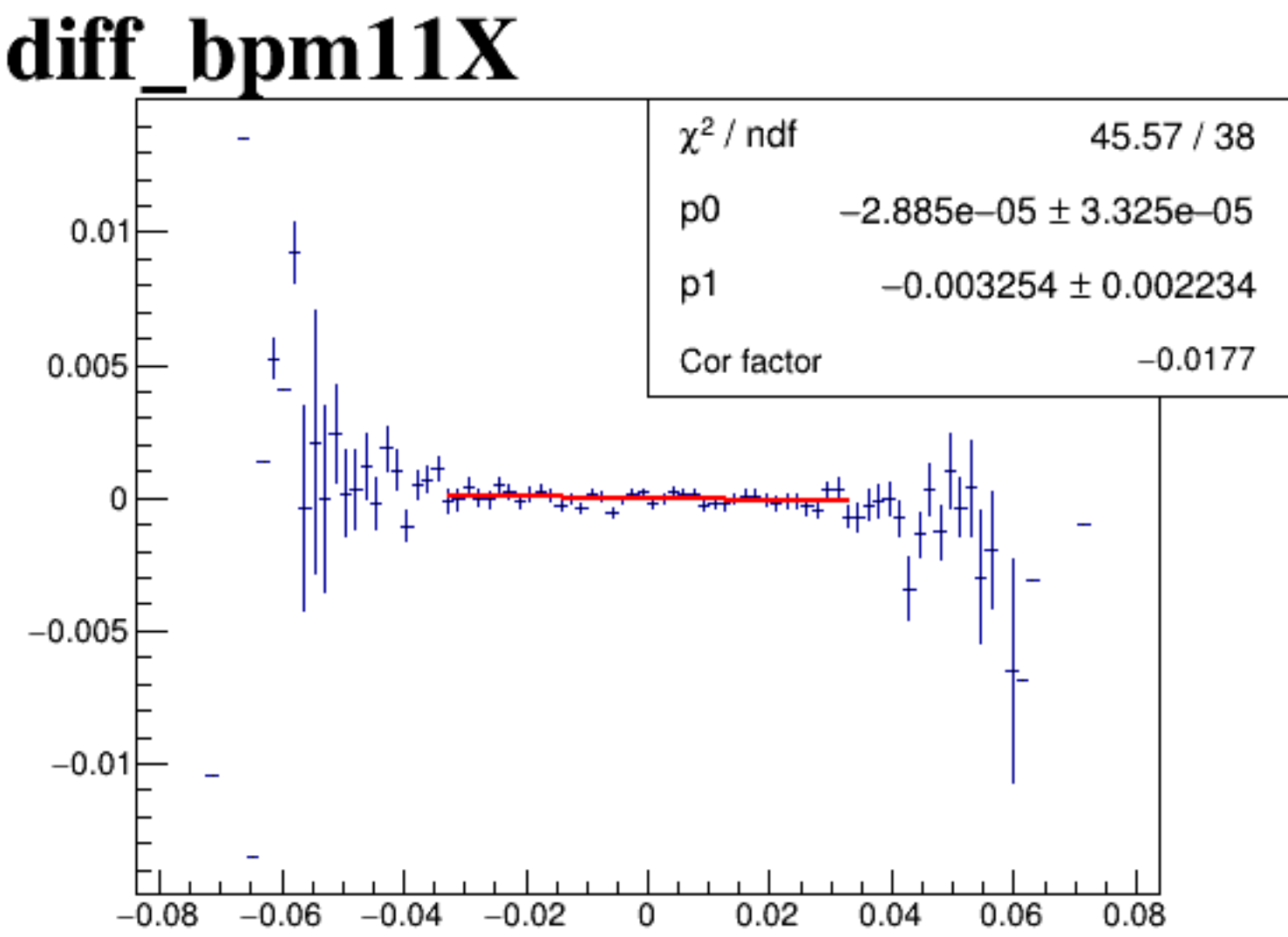
diff_bpm12X



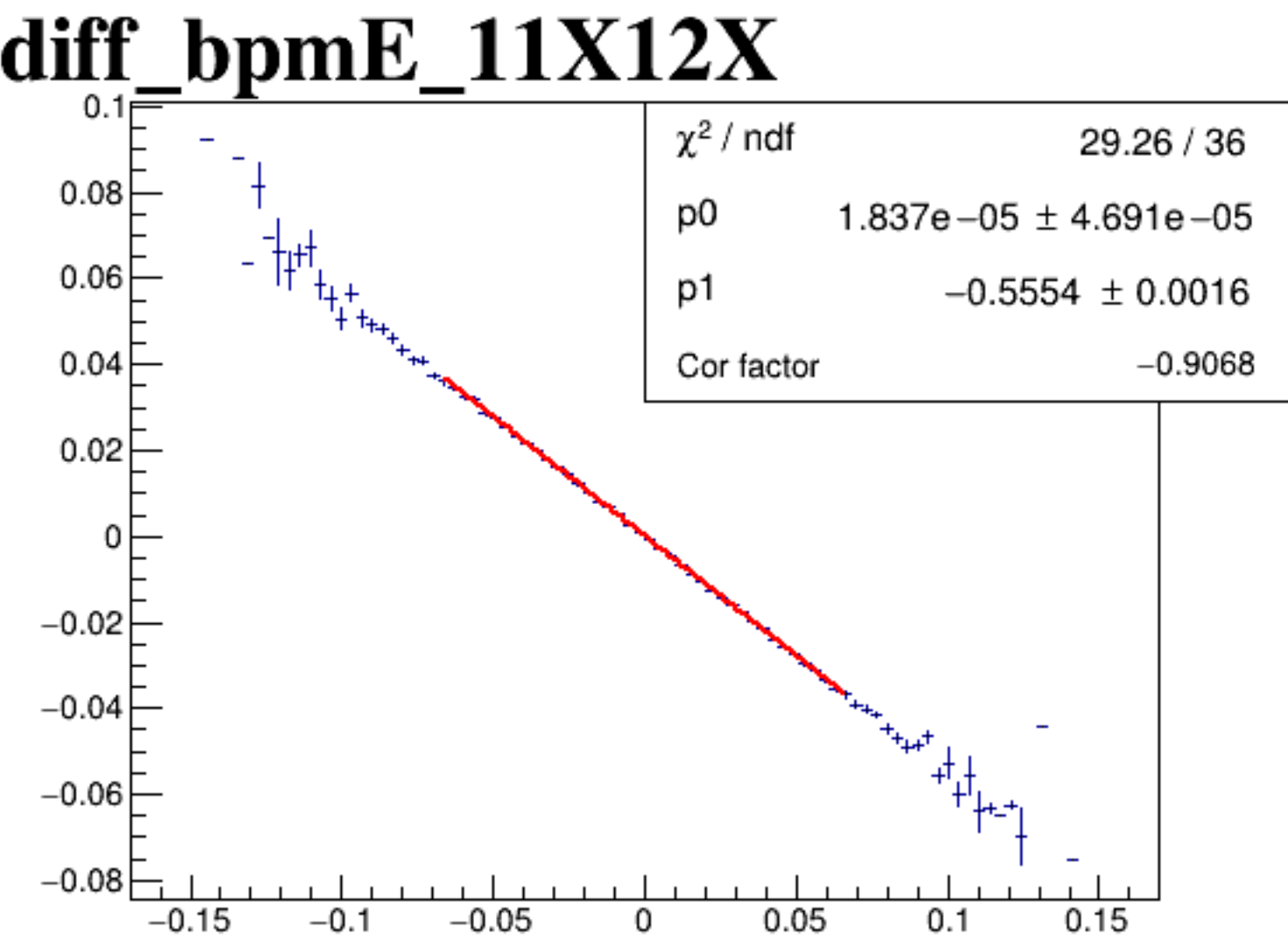
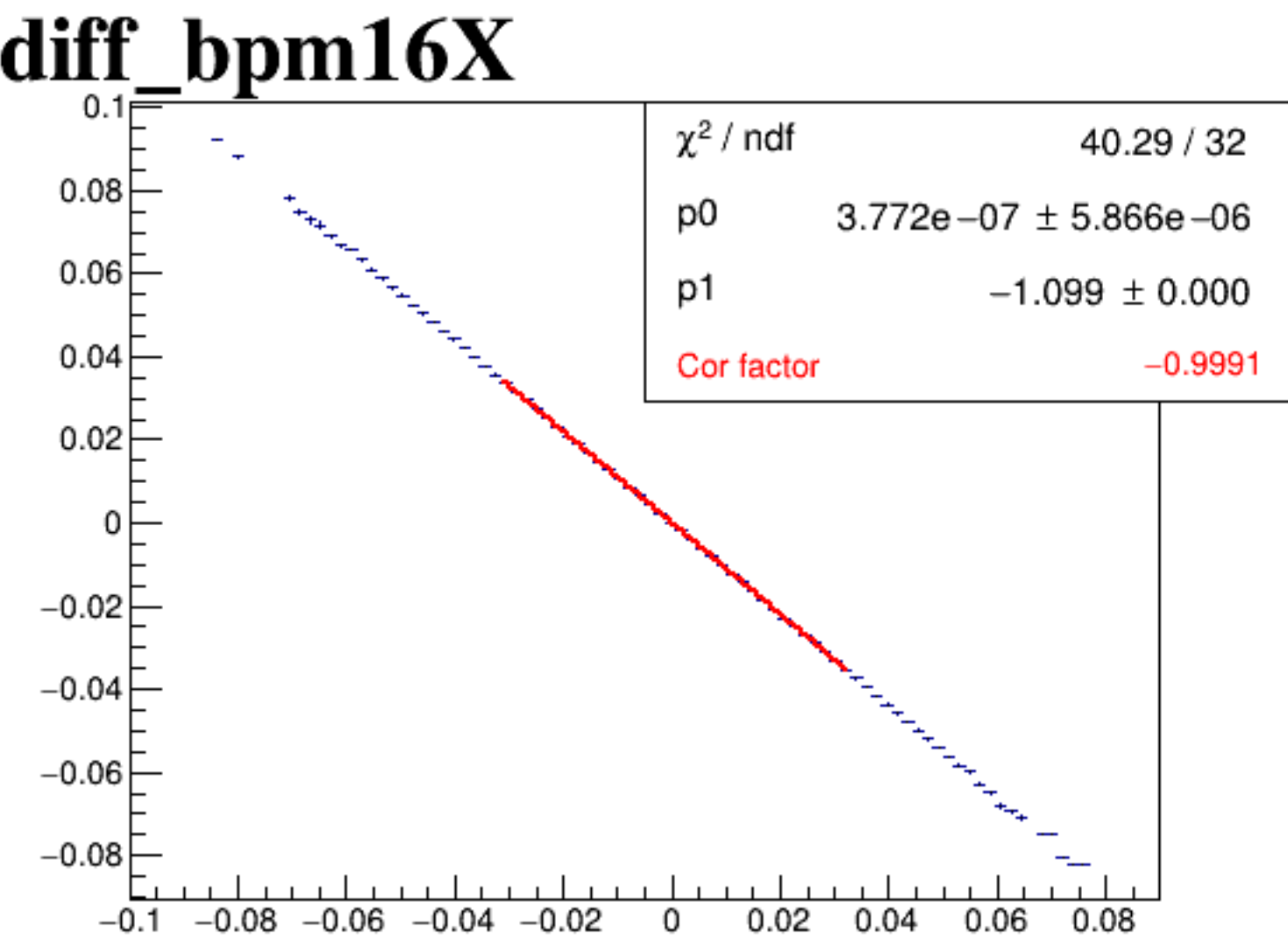
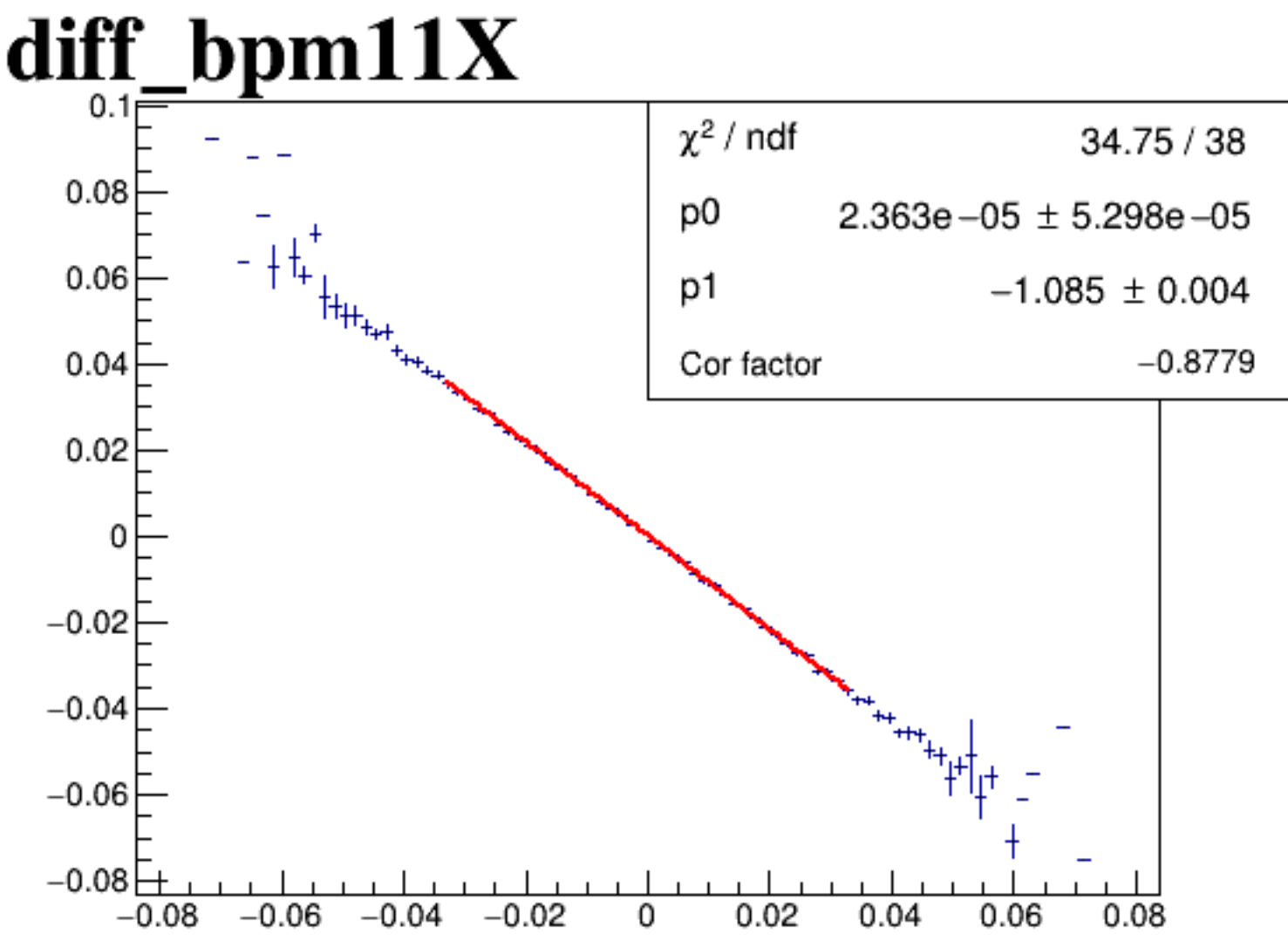
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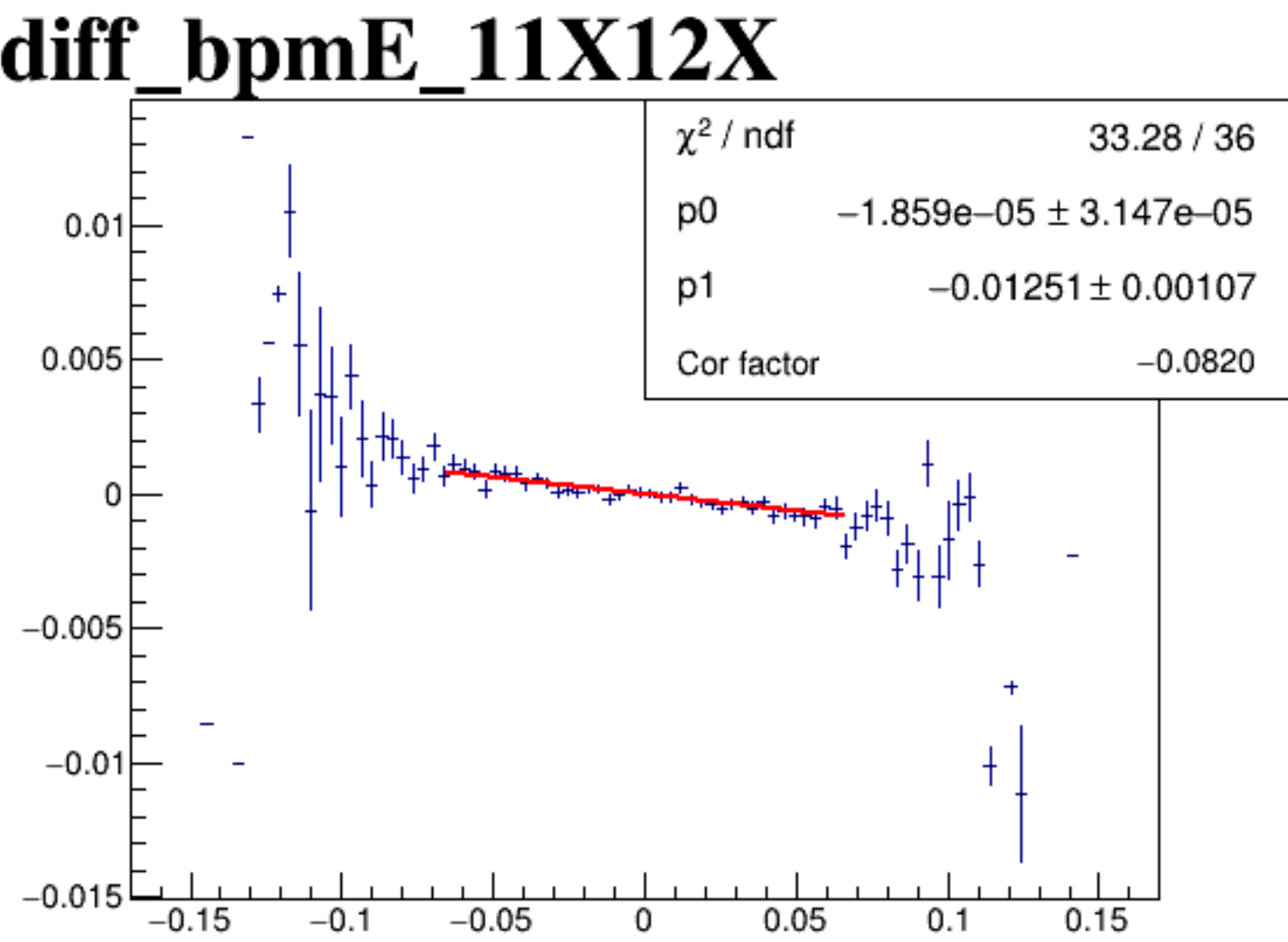
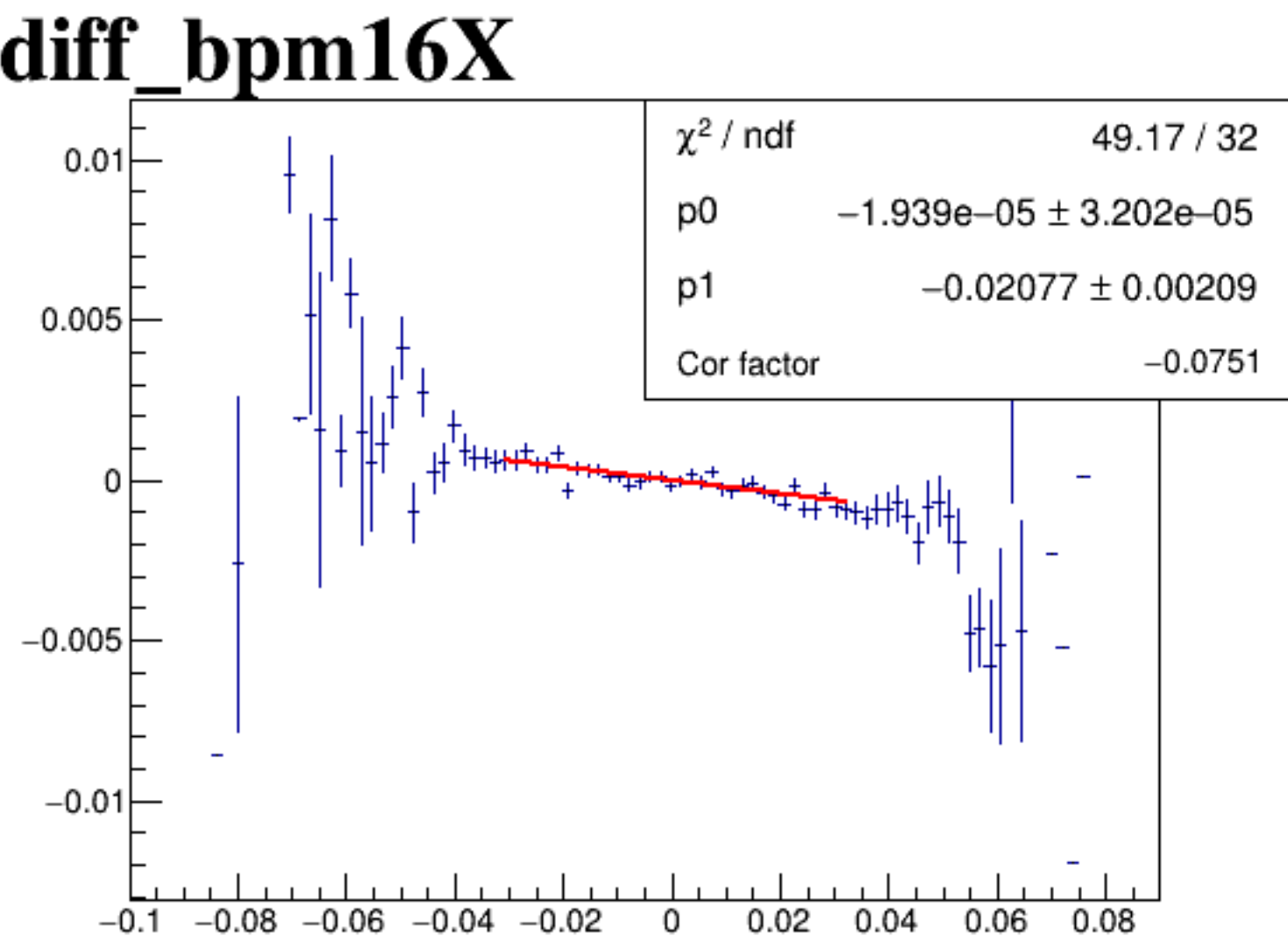
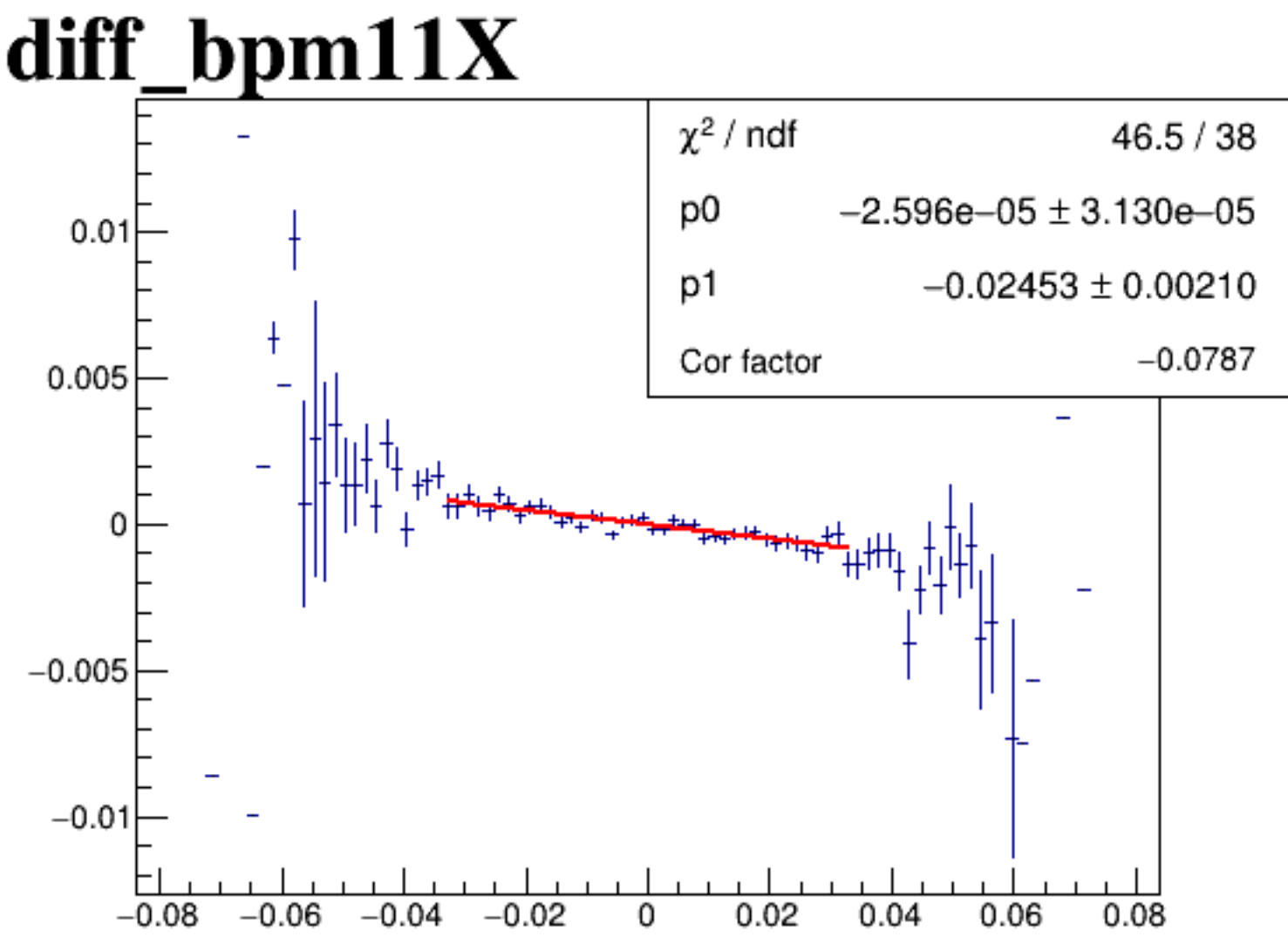
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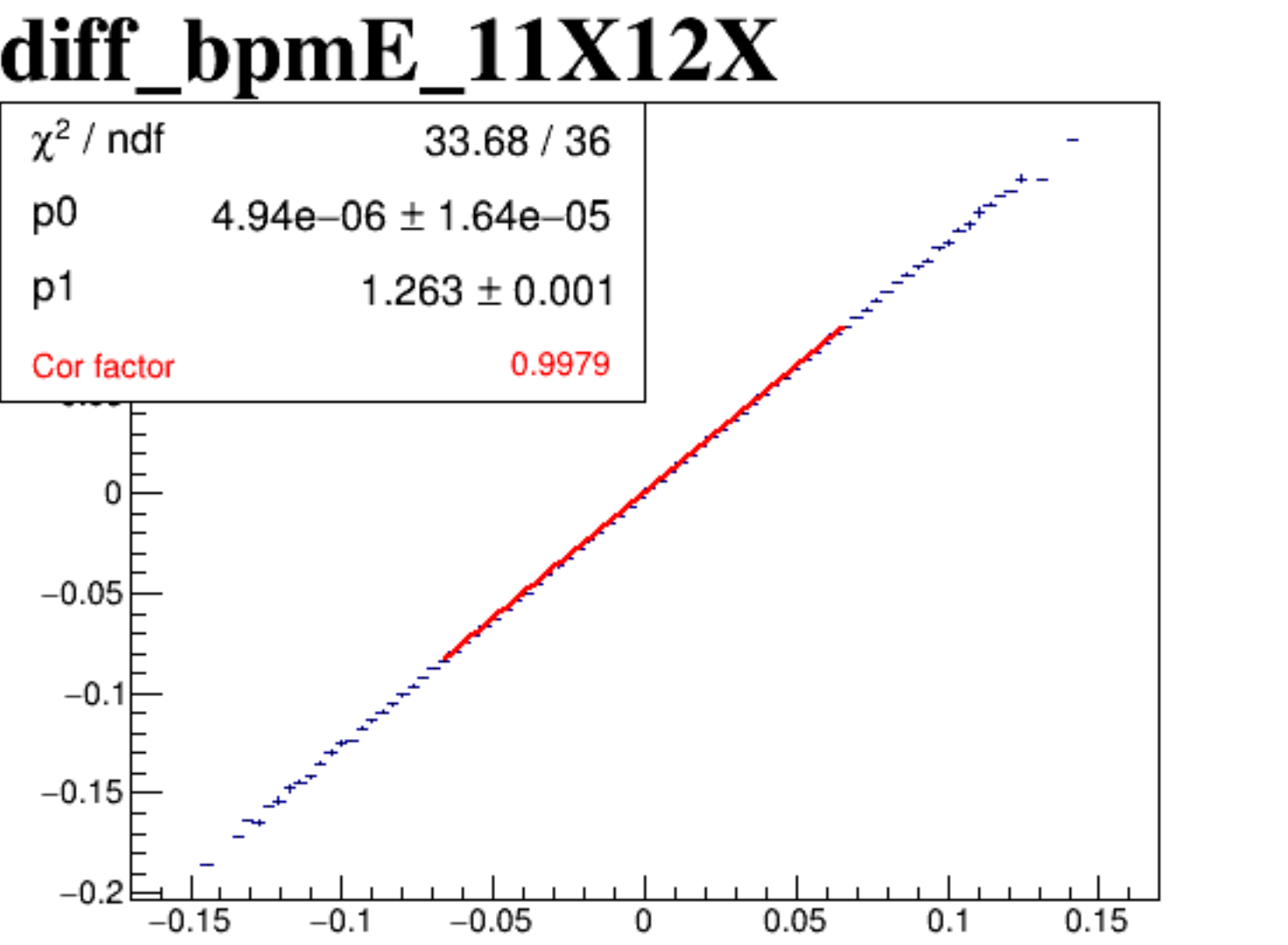
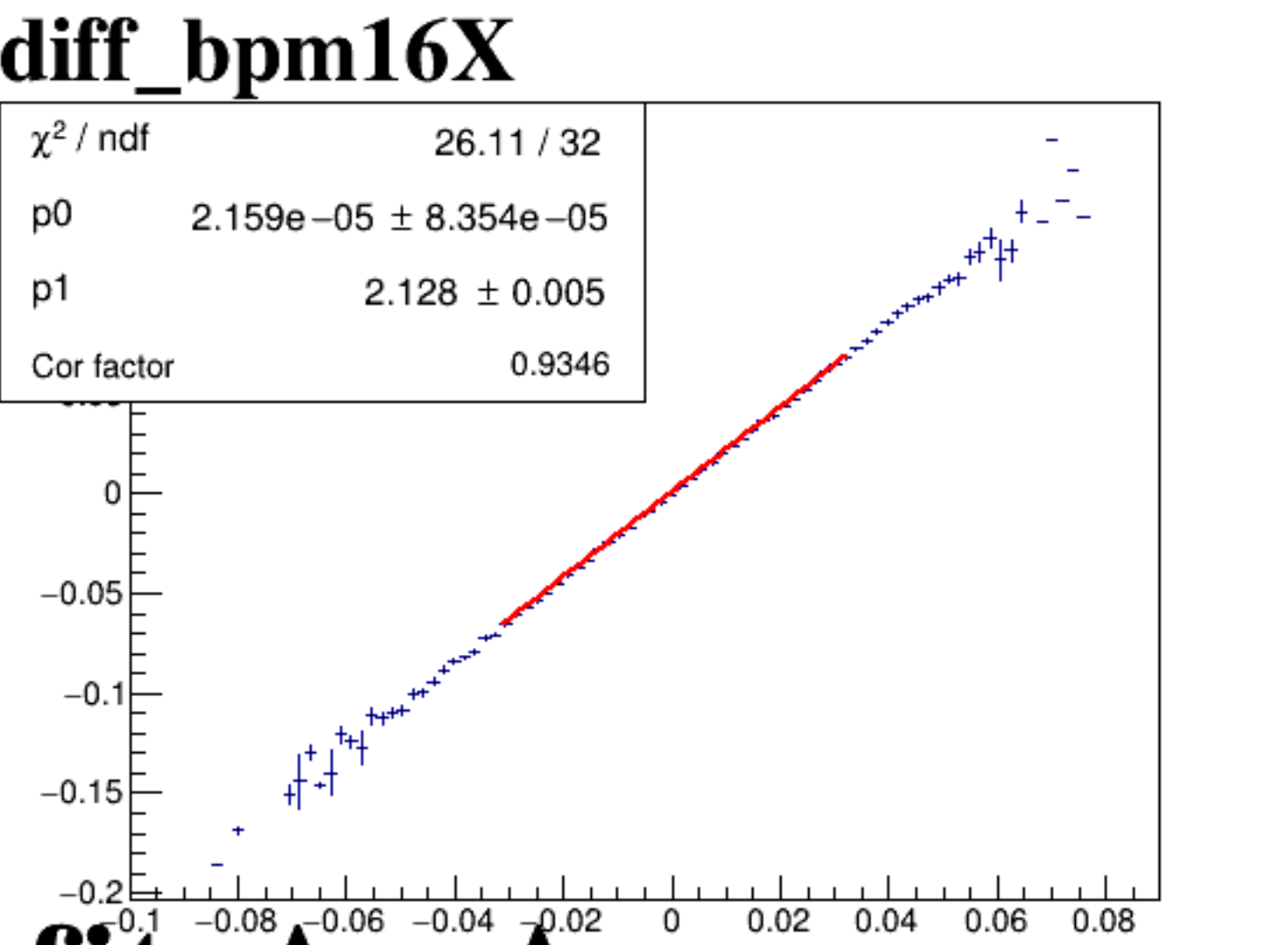
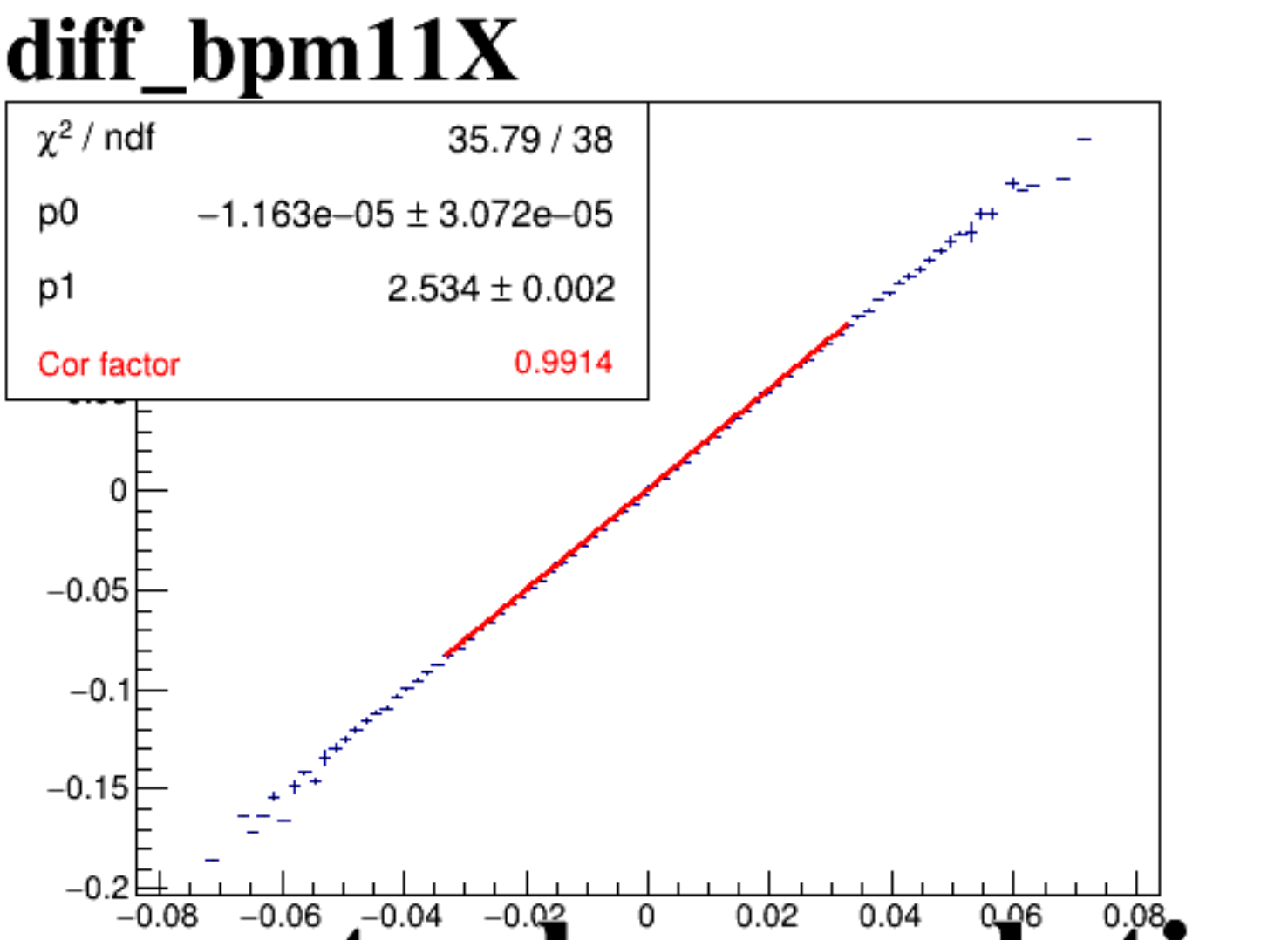
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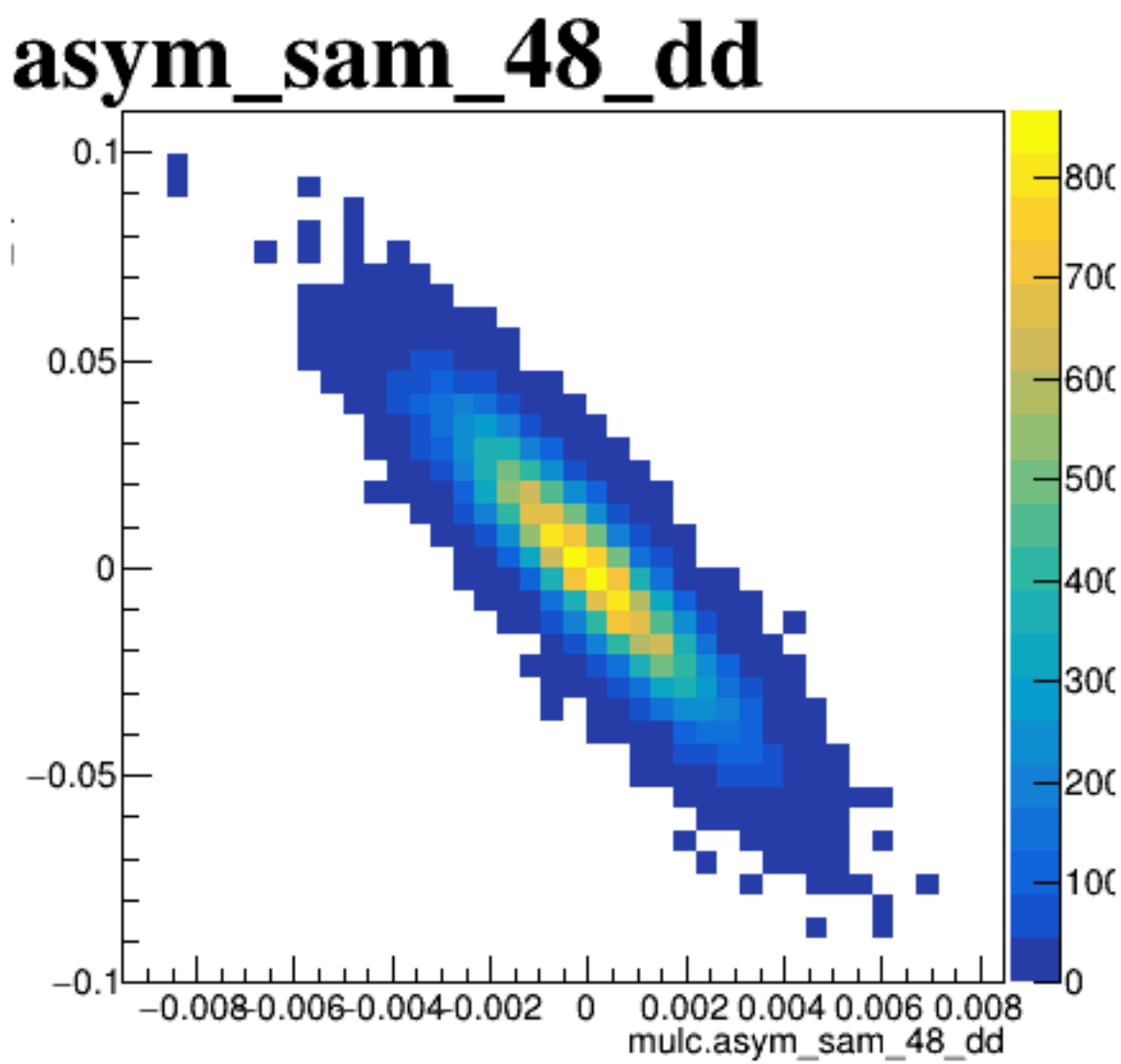
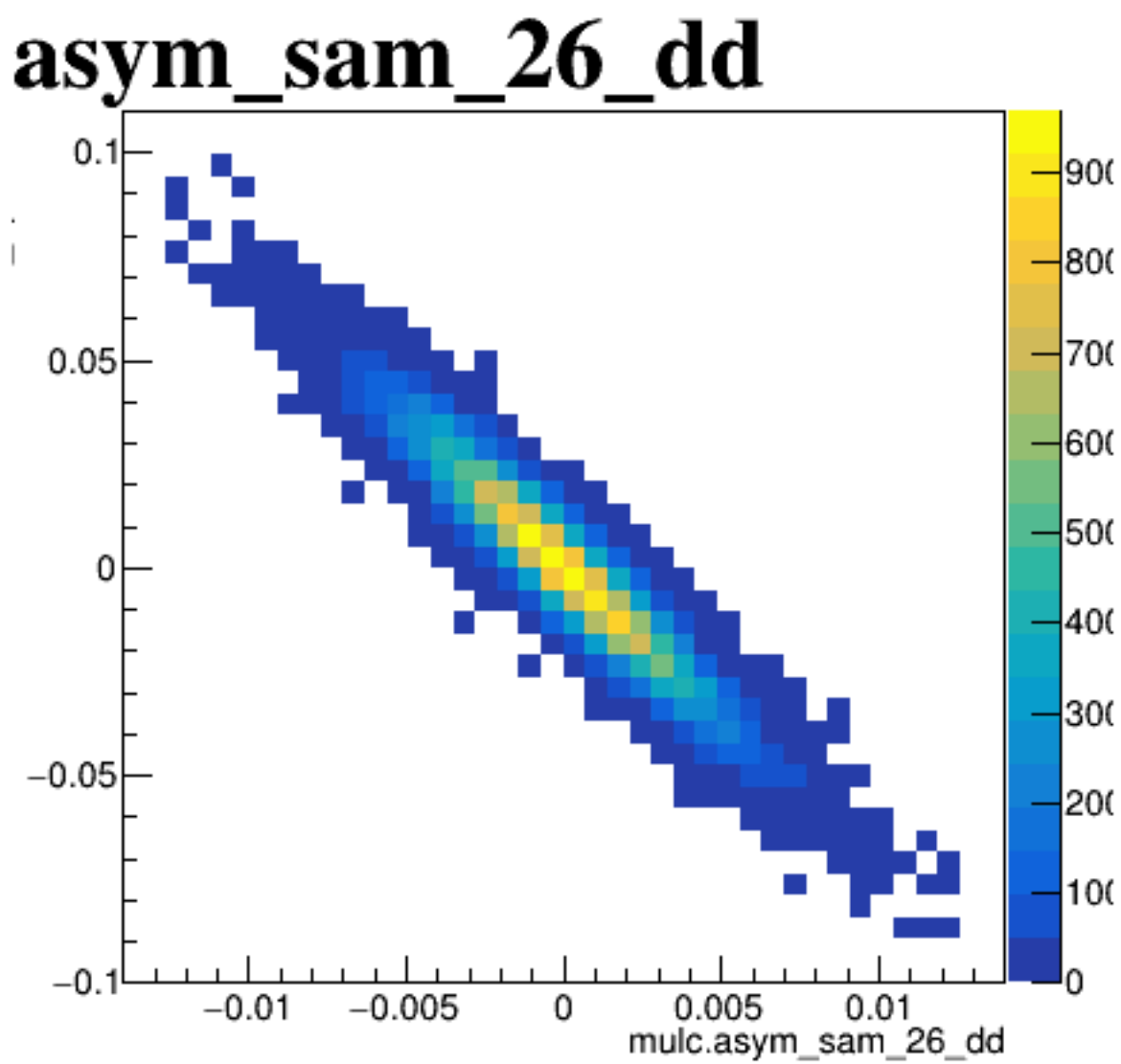
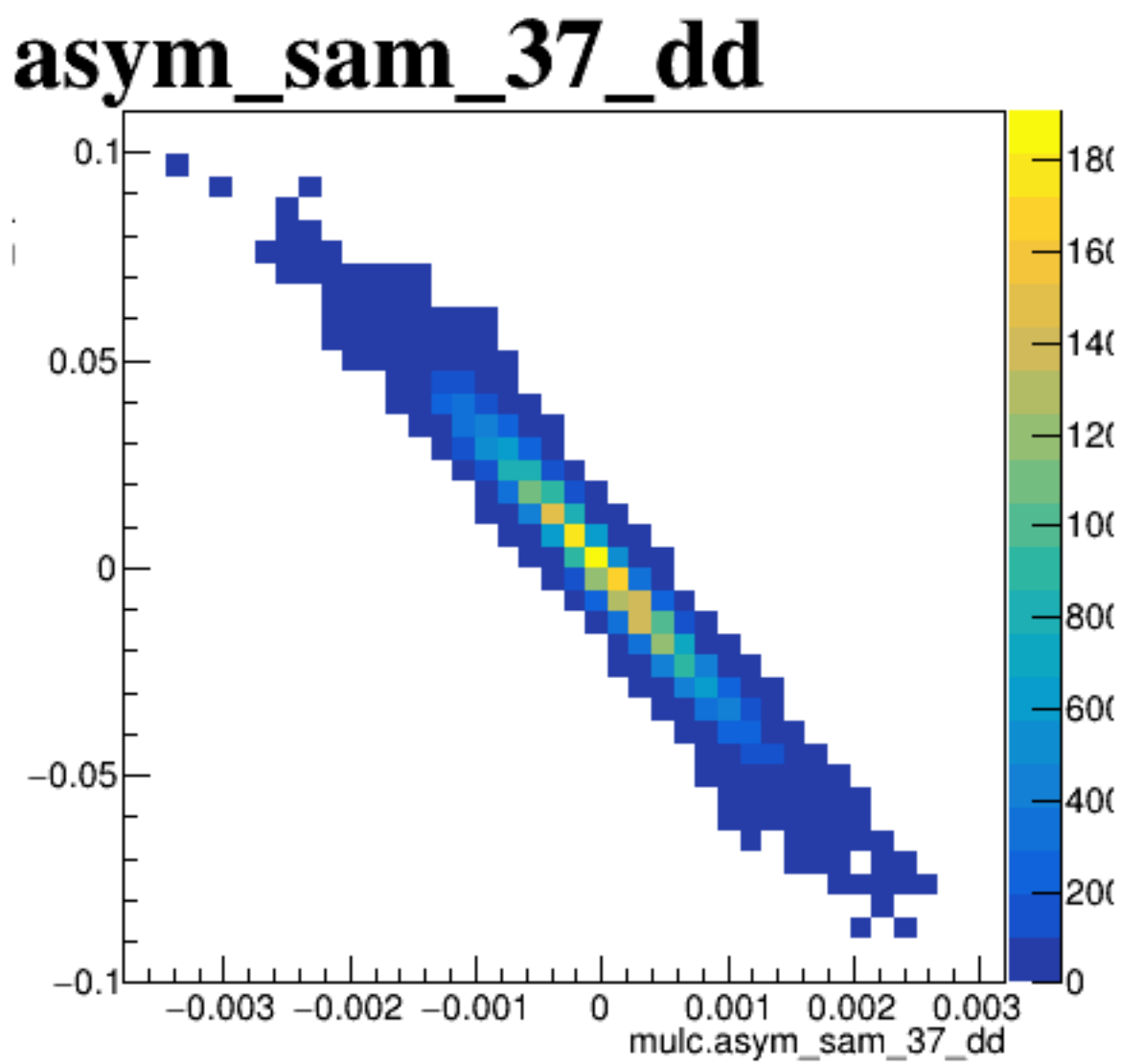
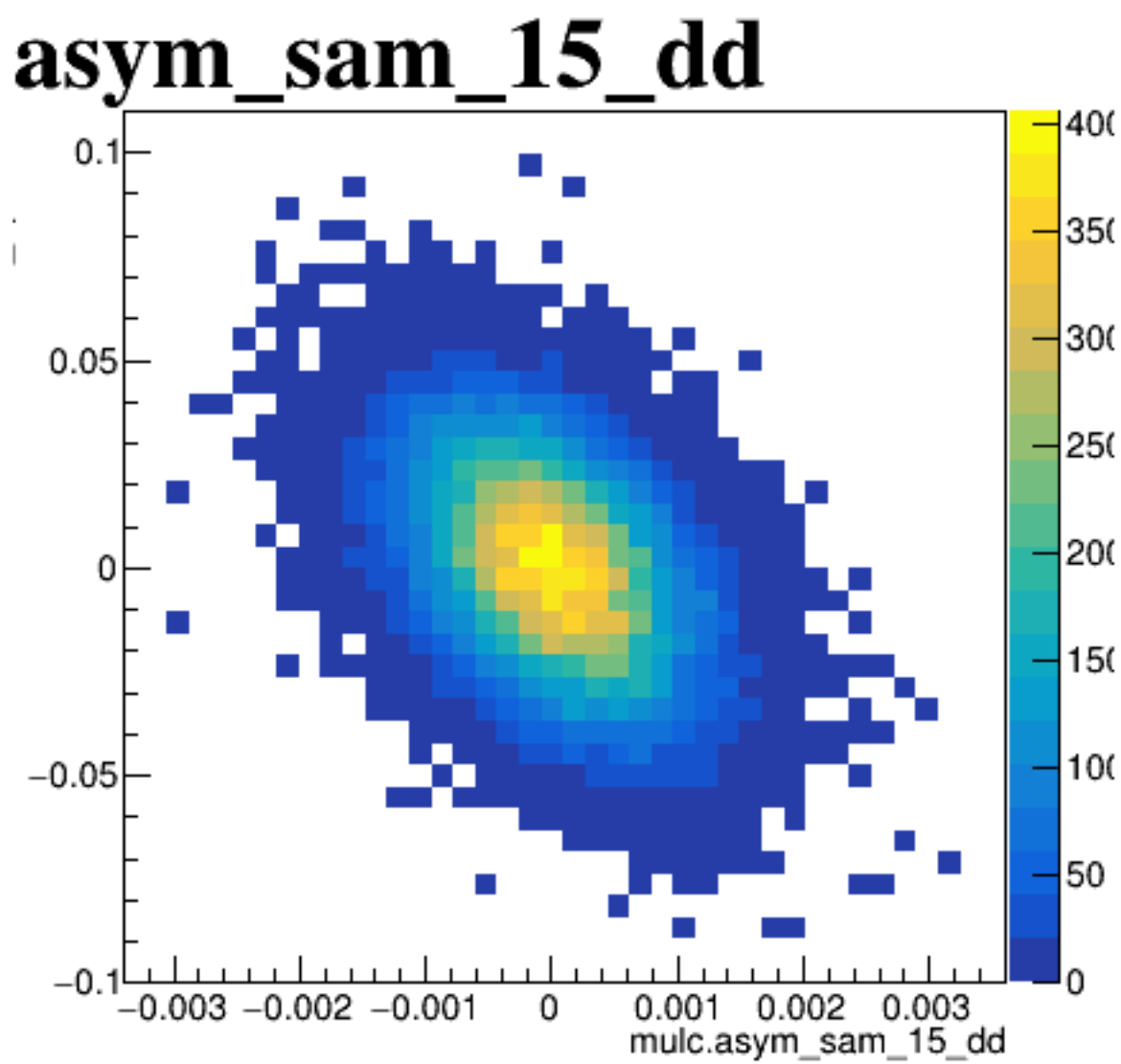
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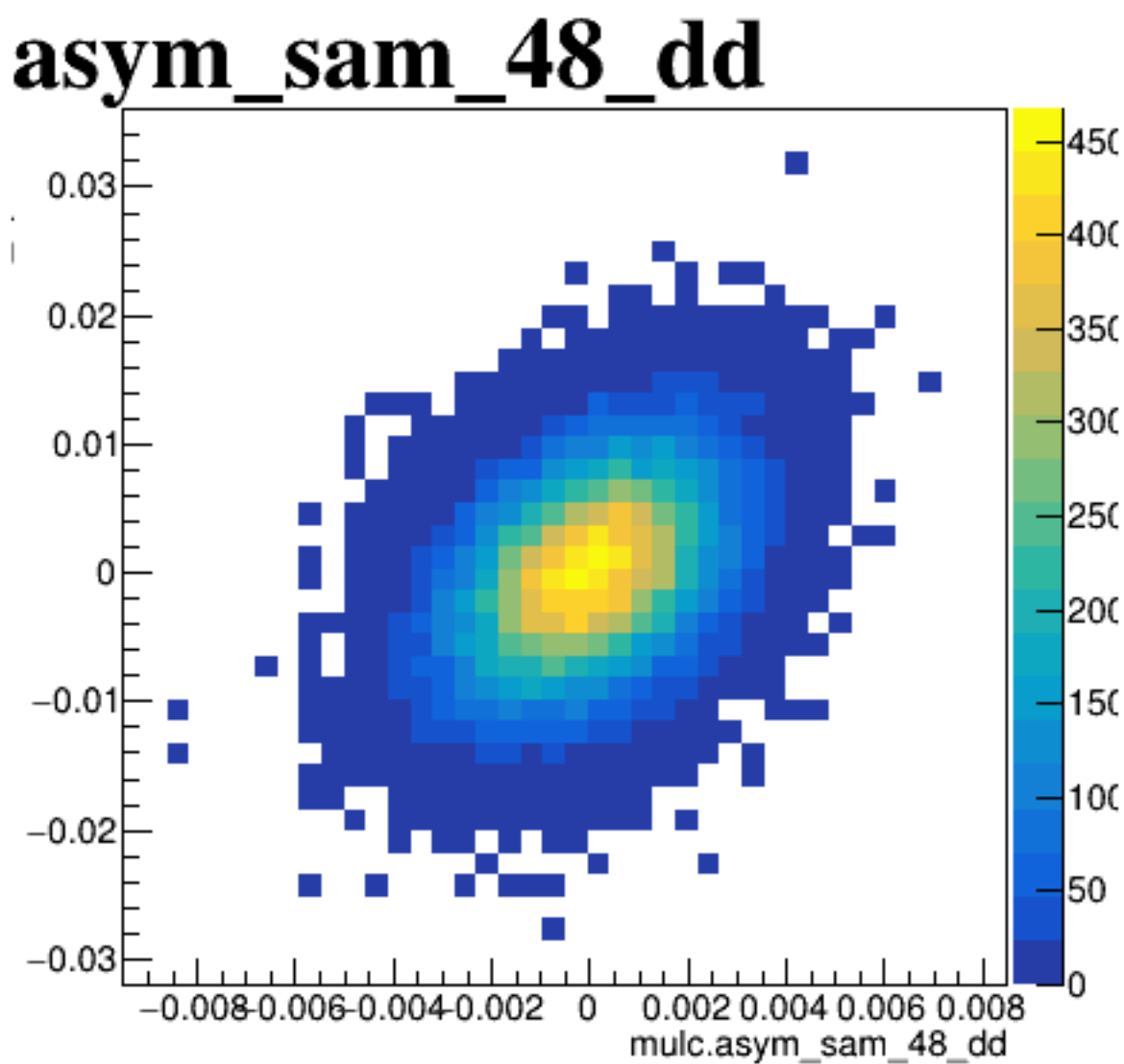
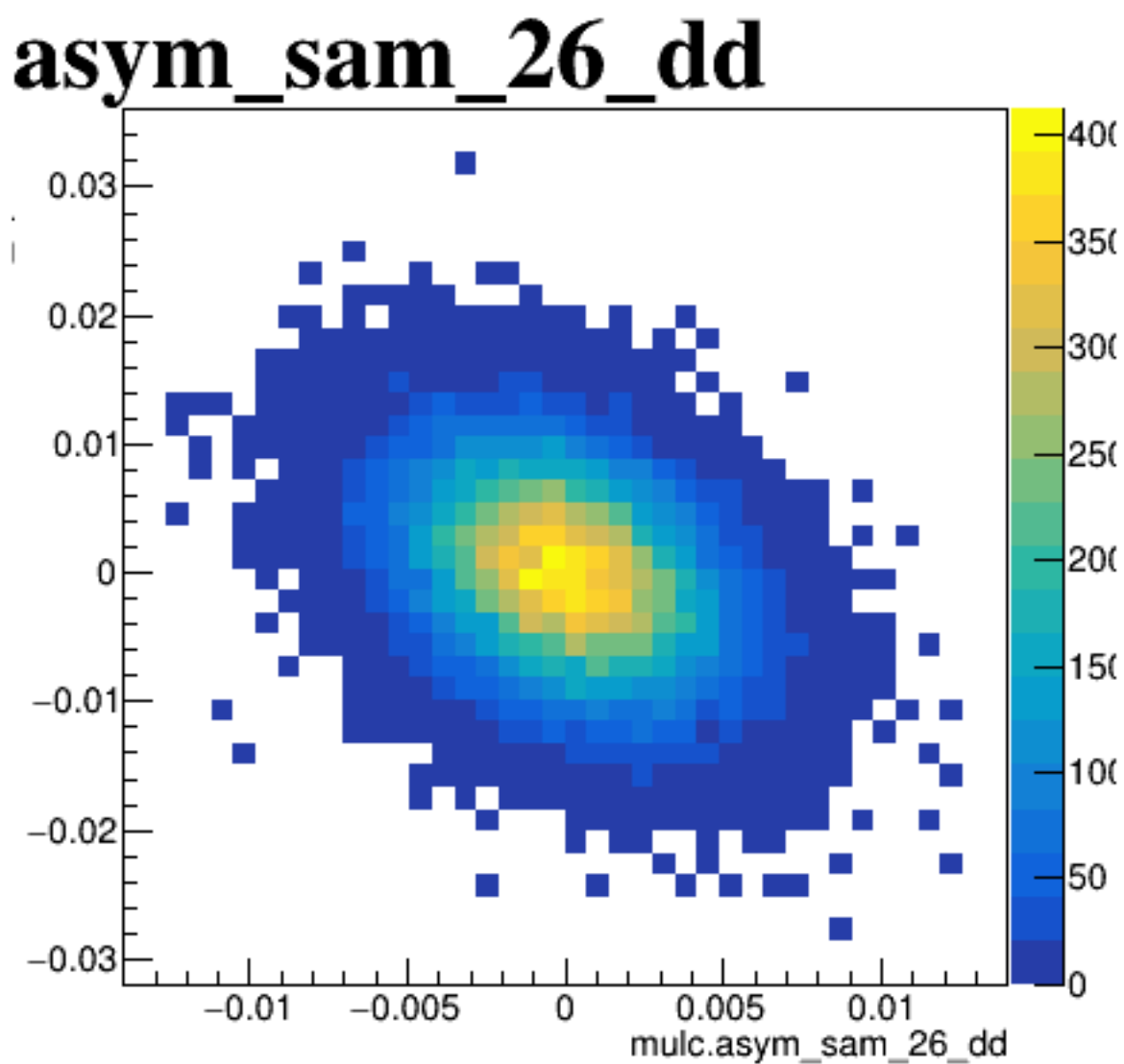
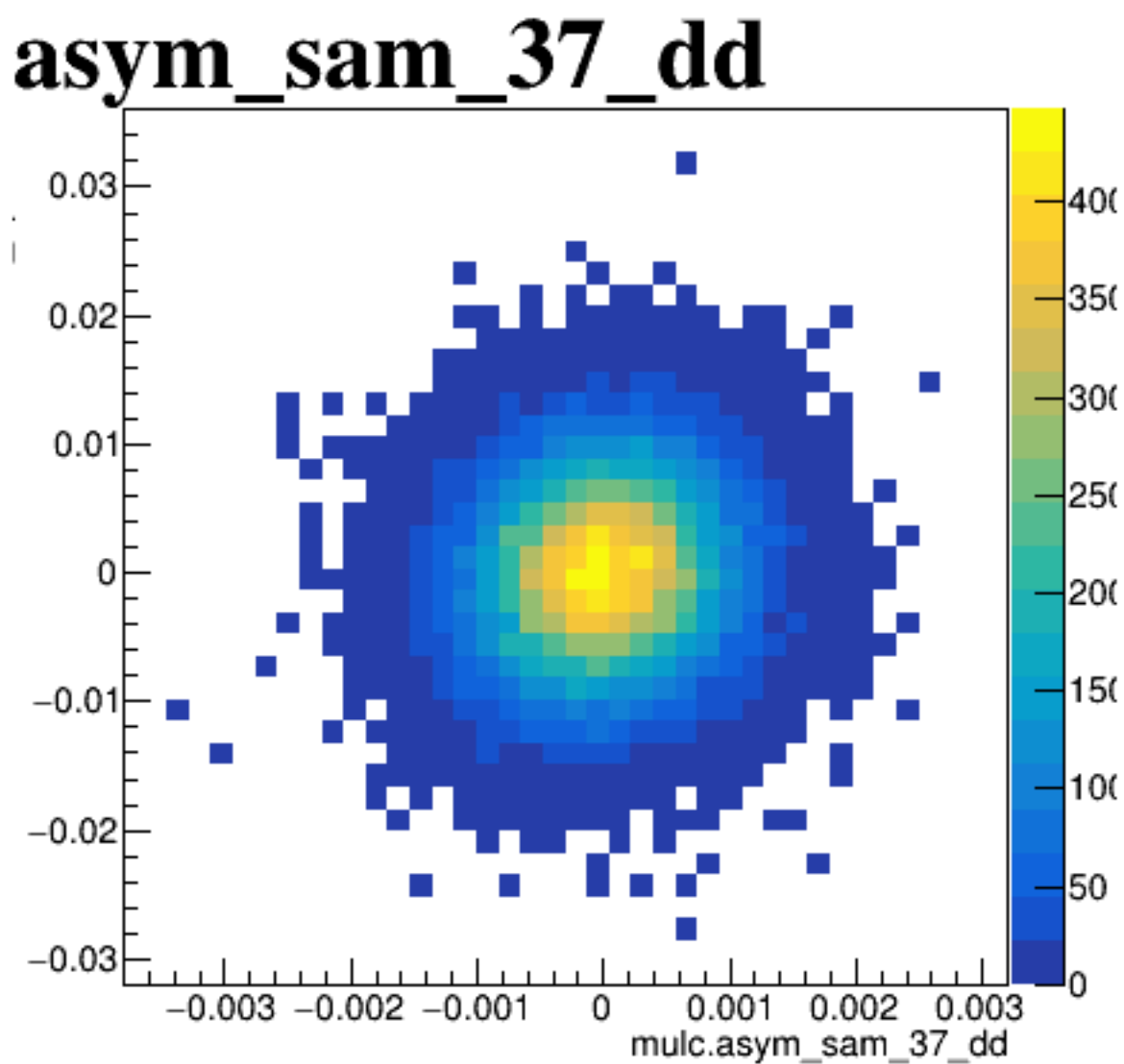
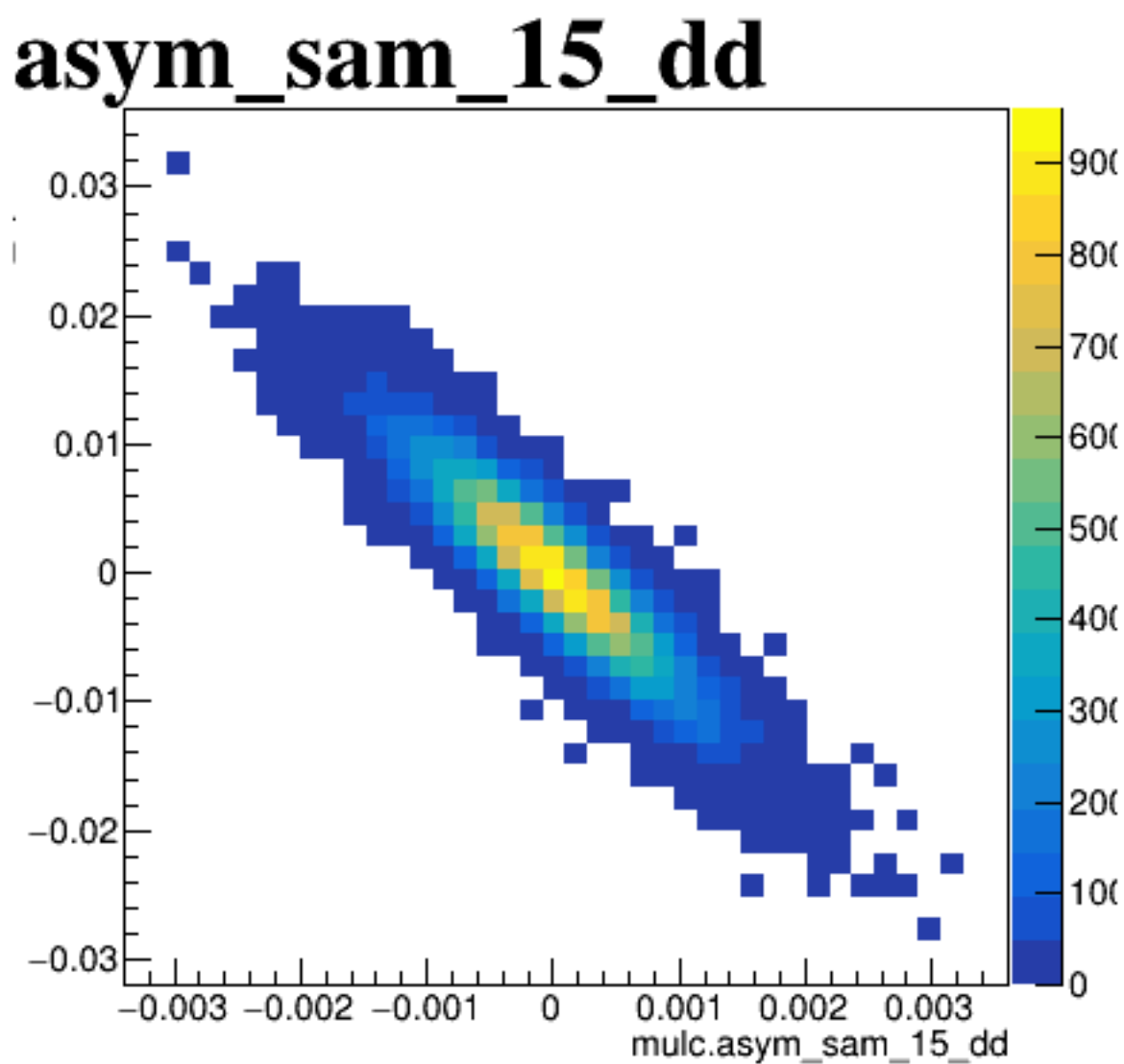
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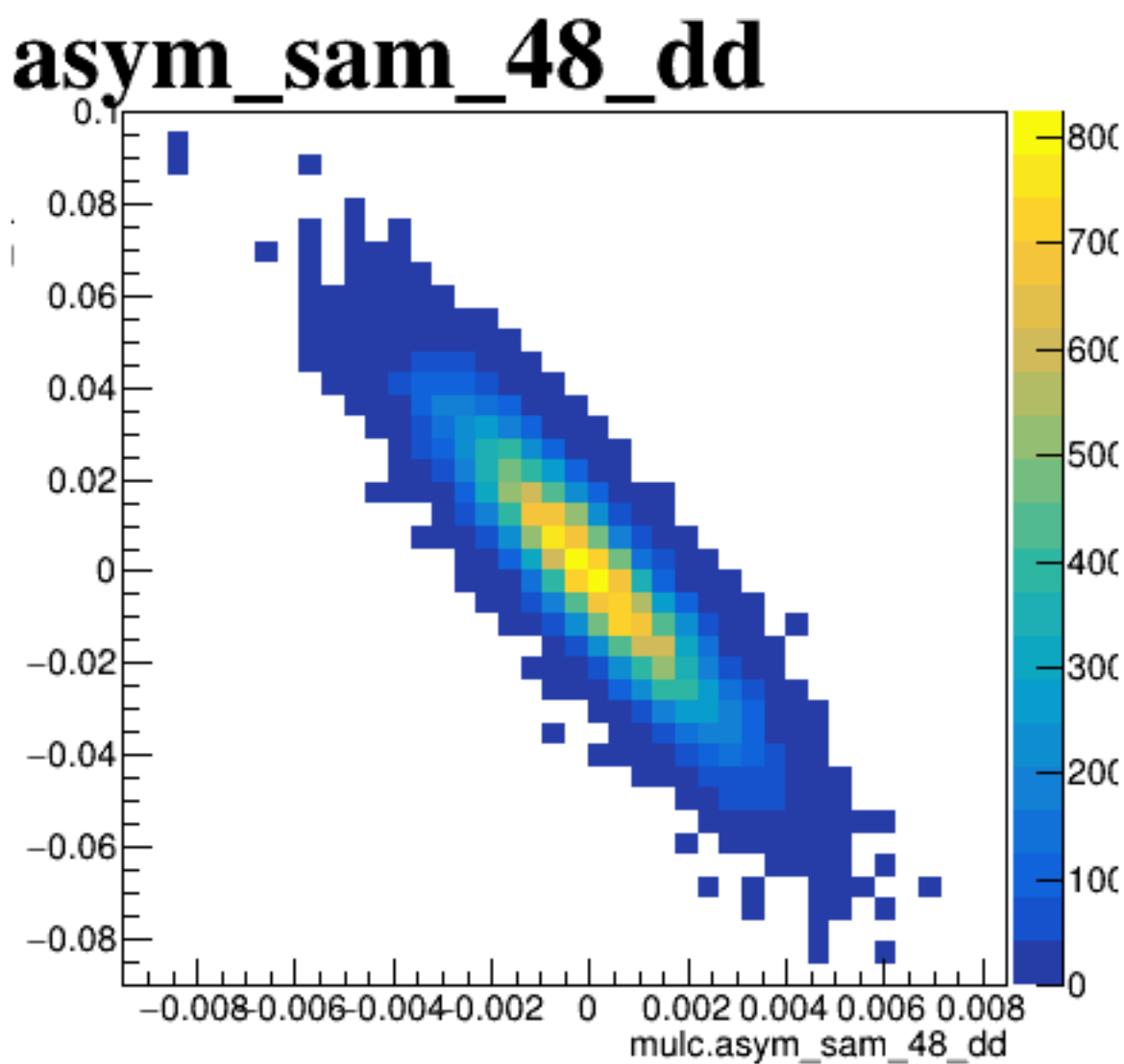
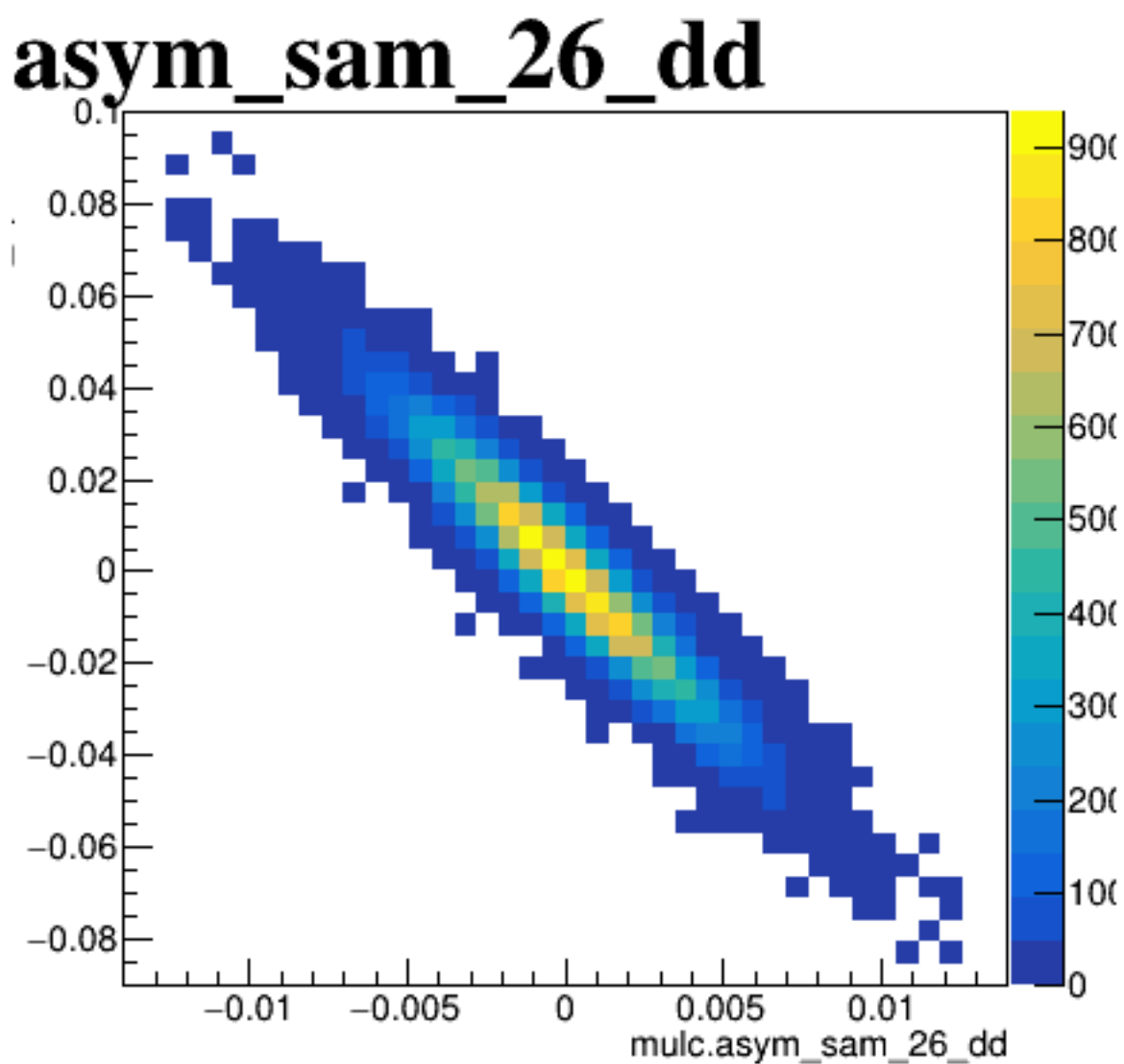
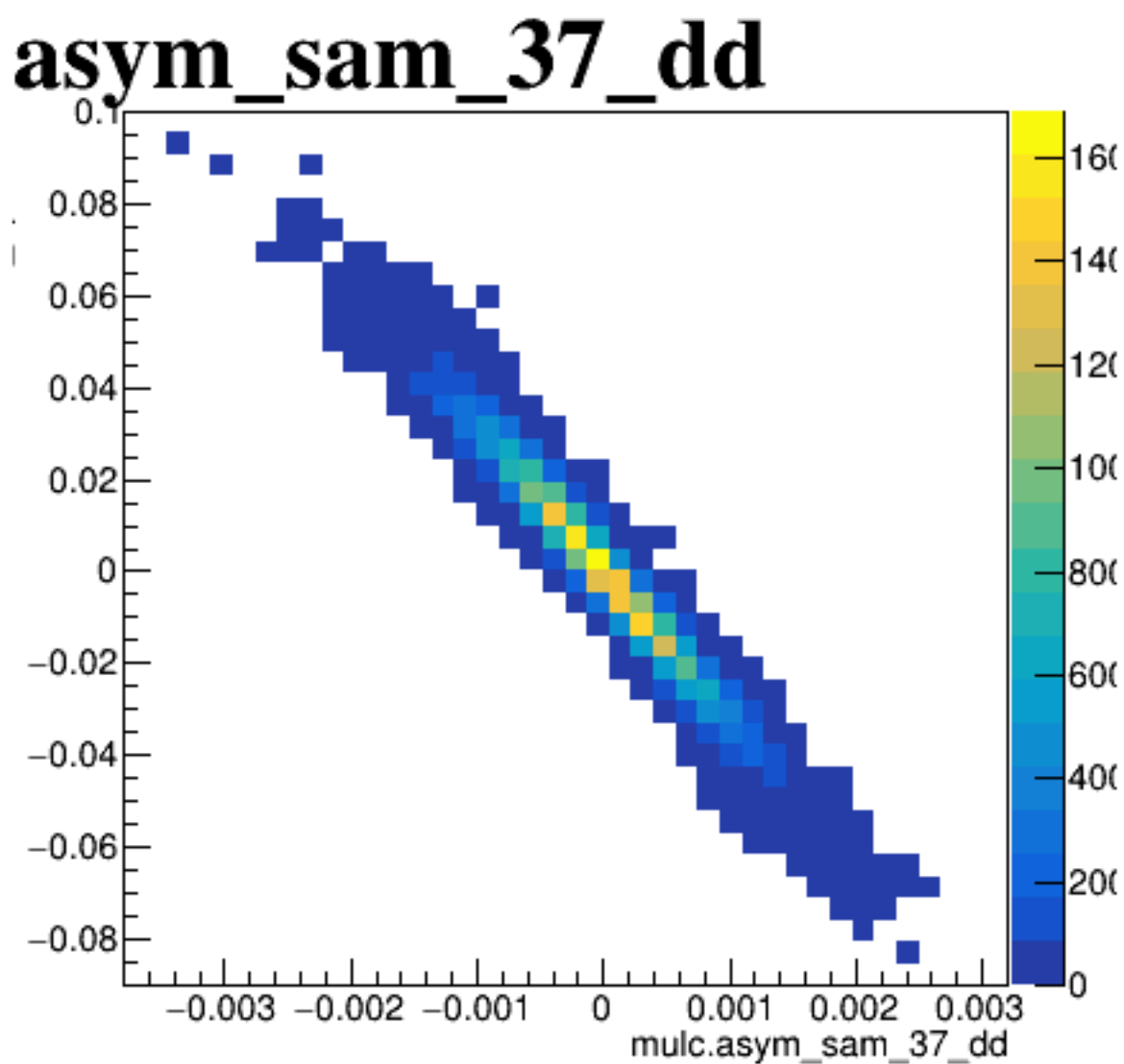
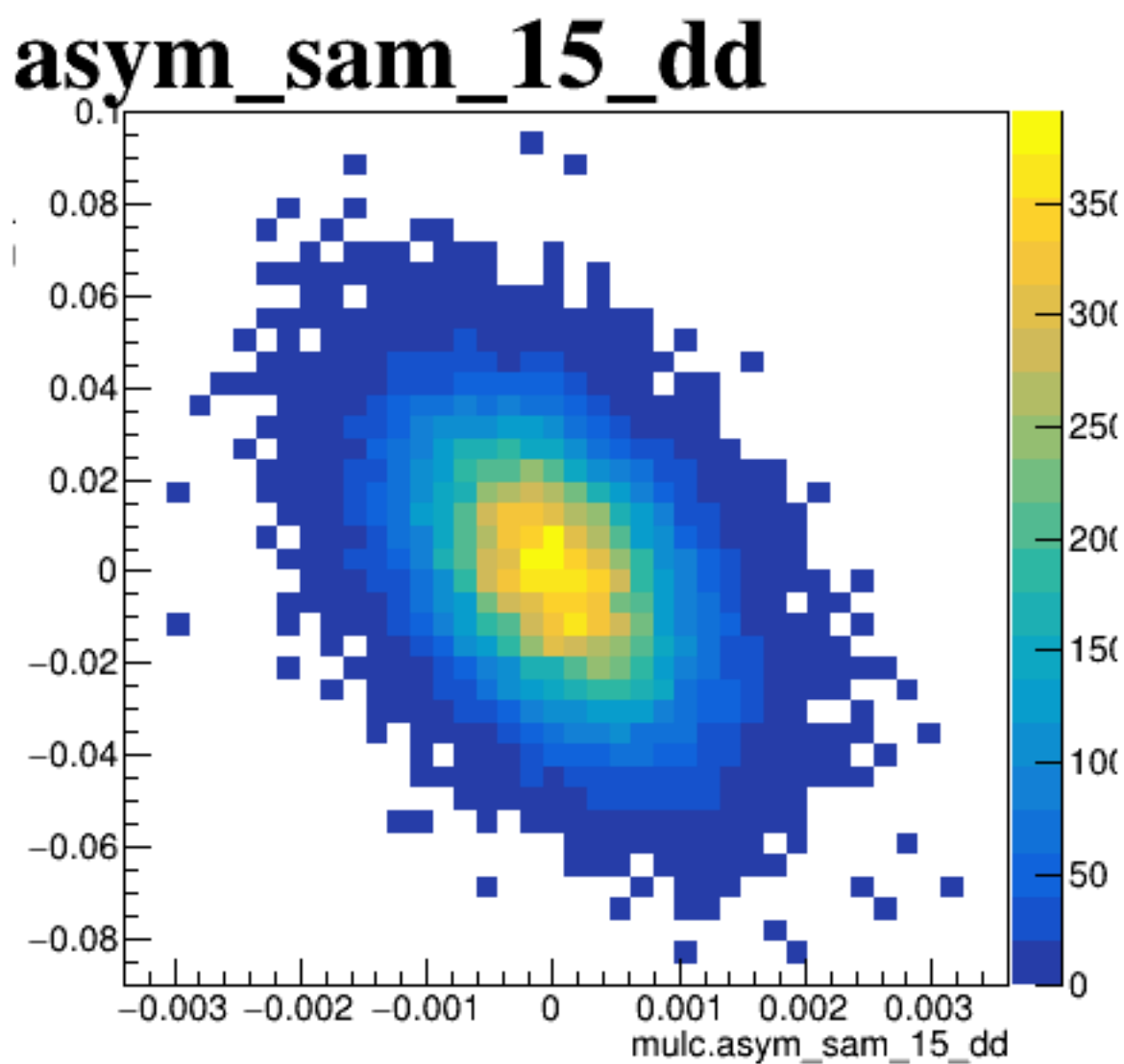
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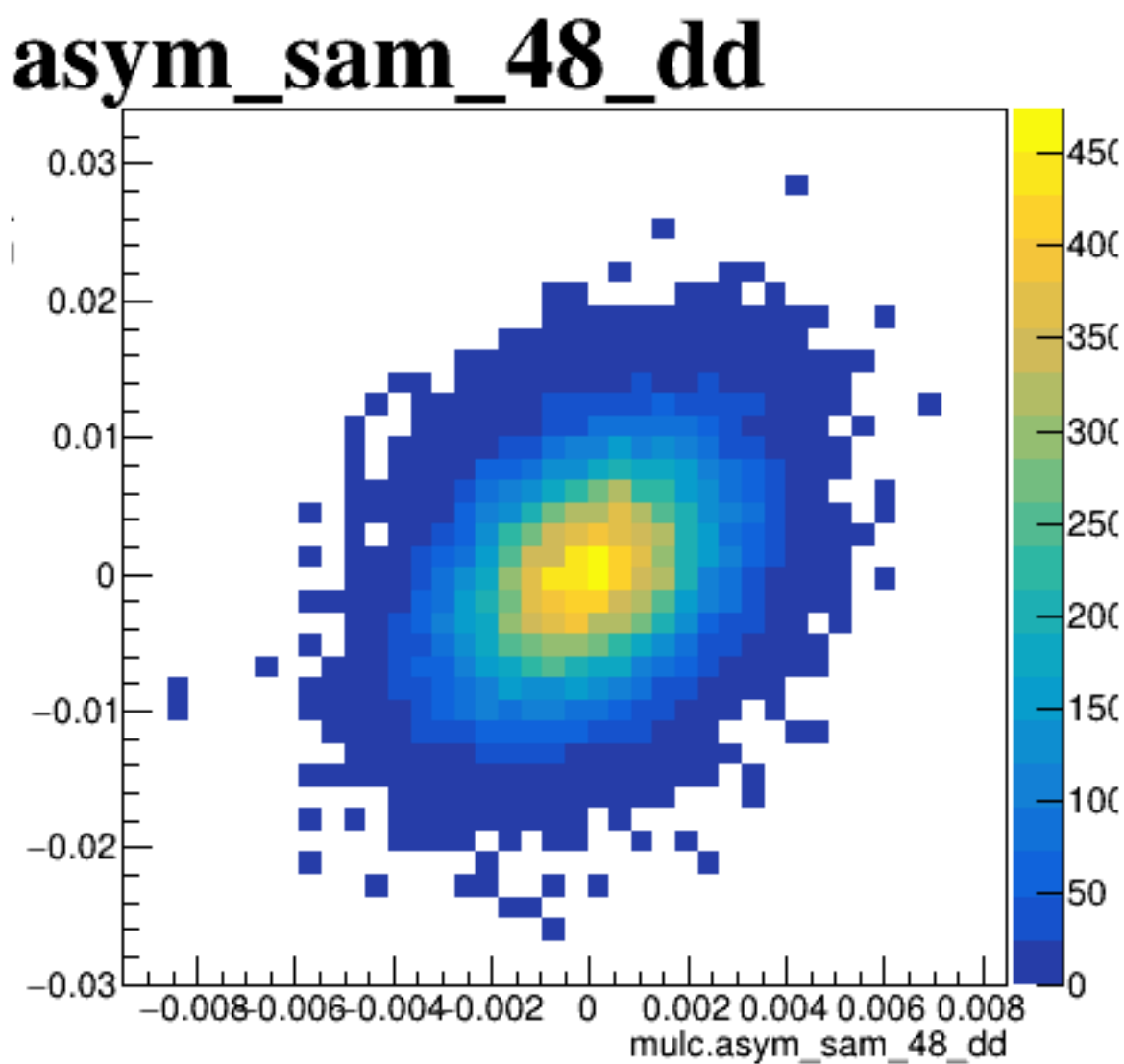
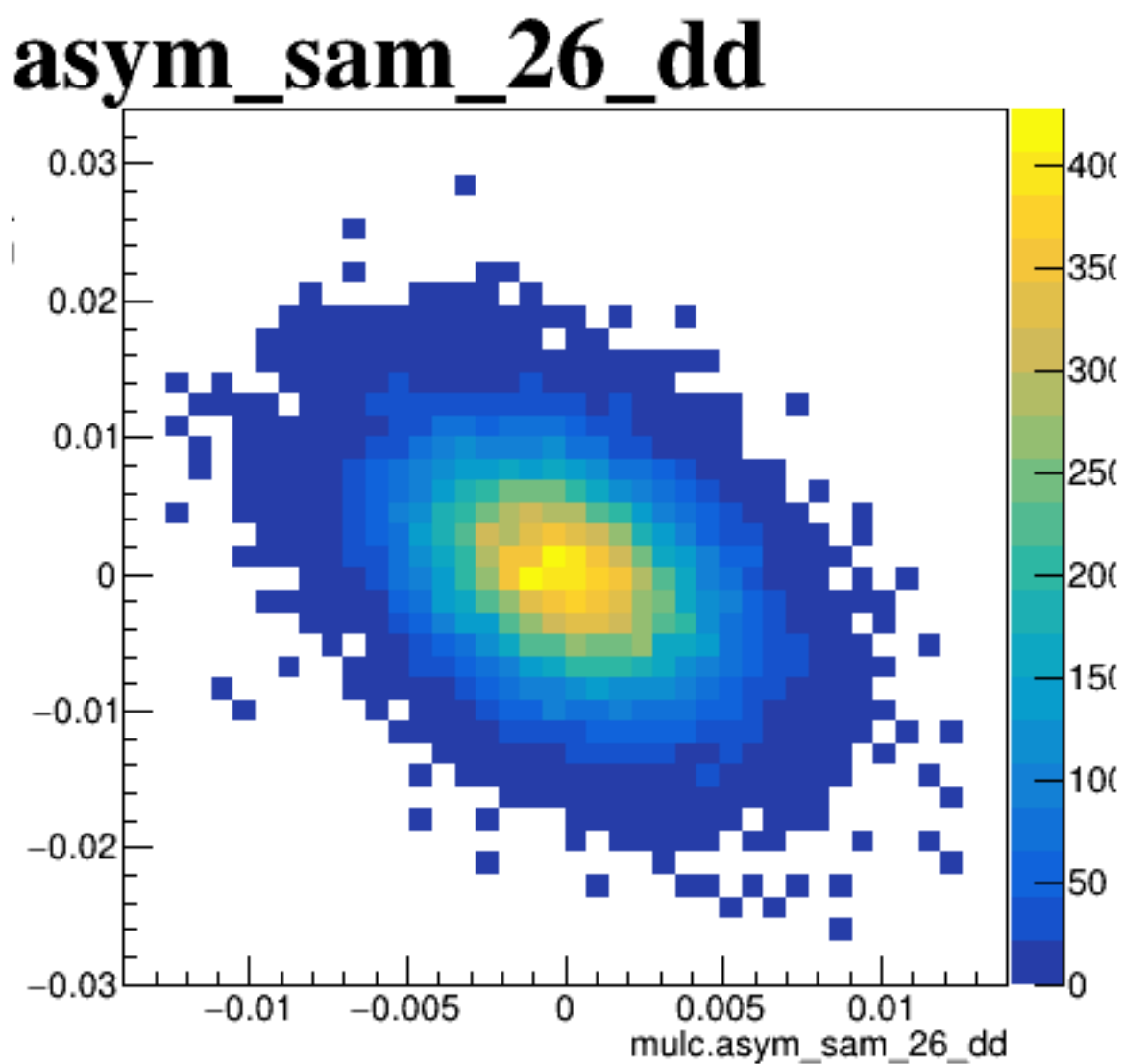
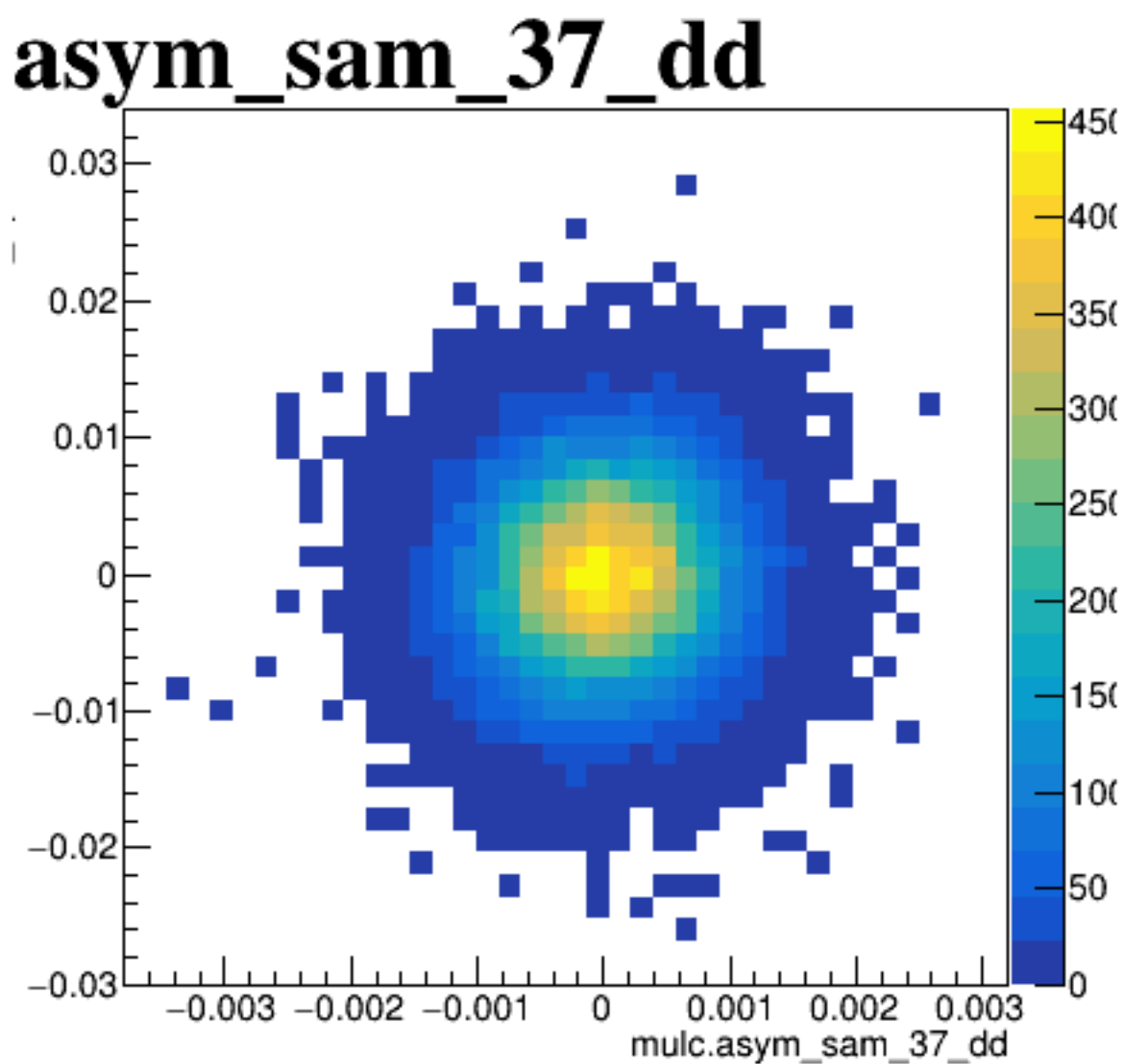
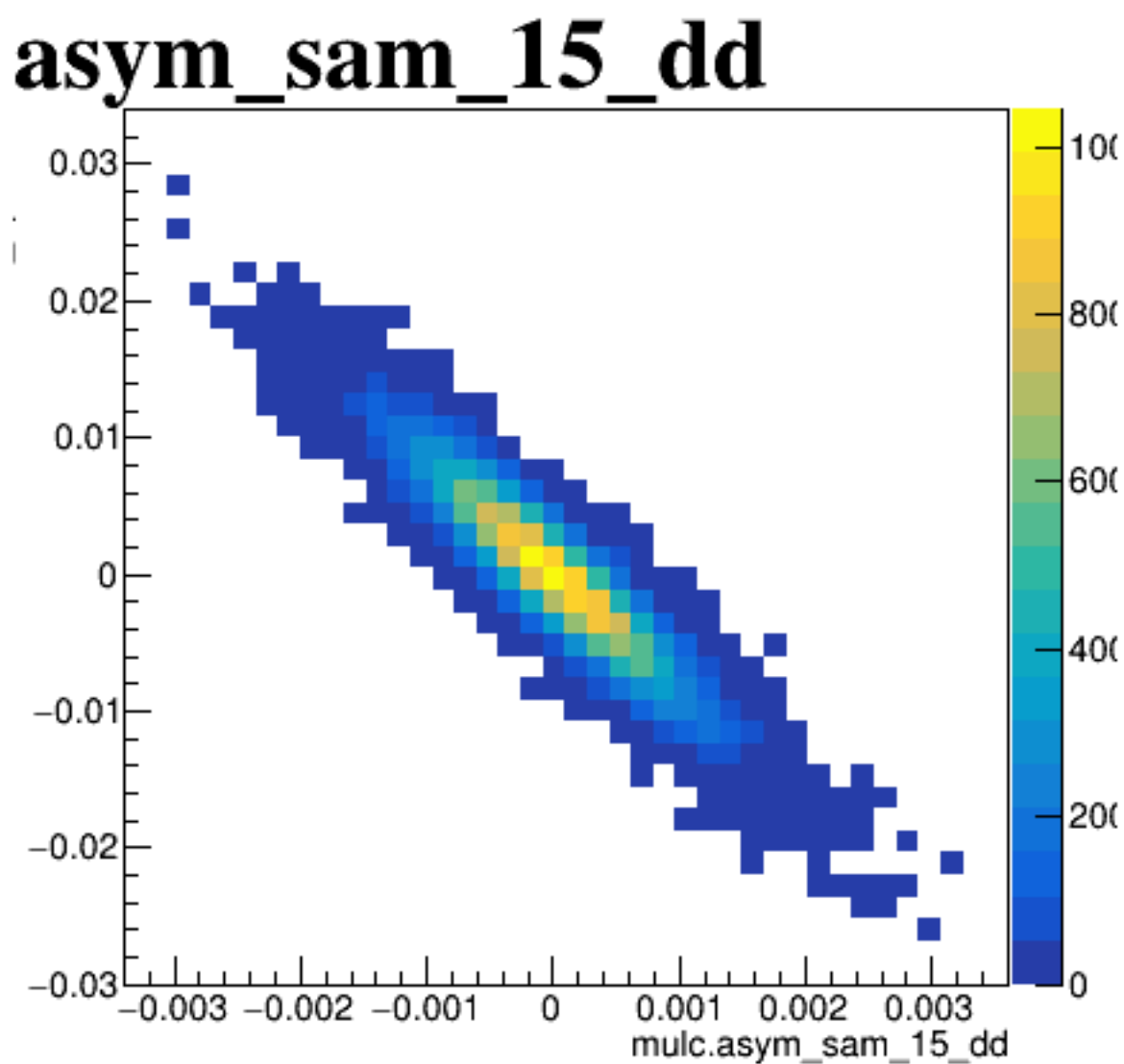
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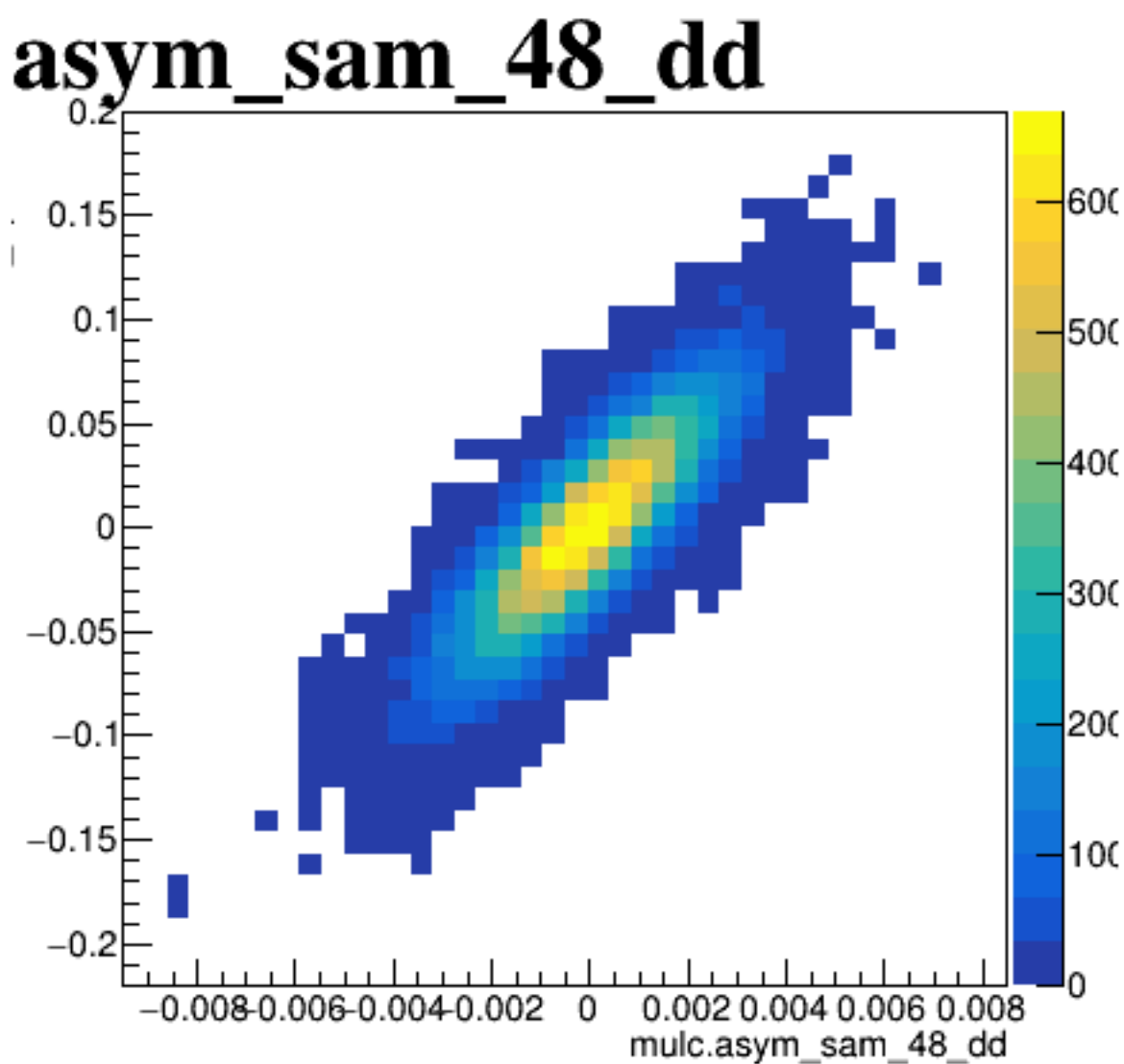
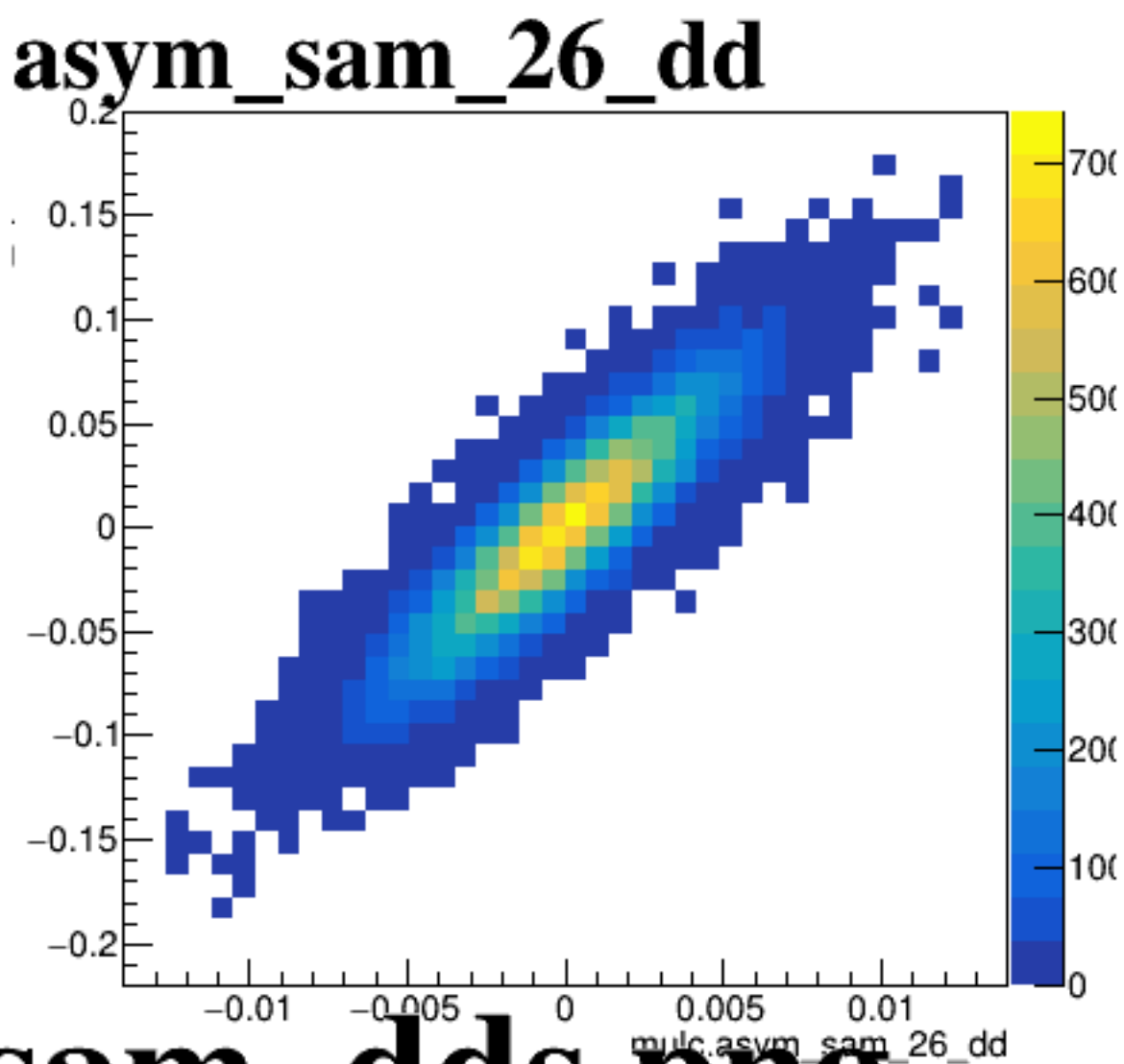
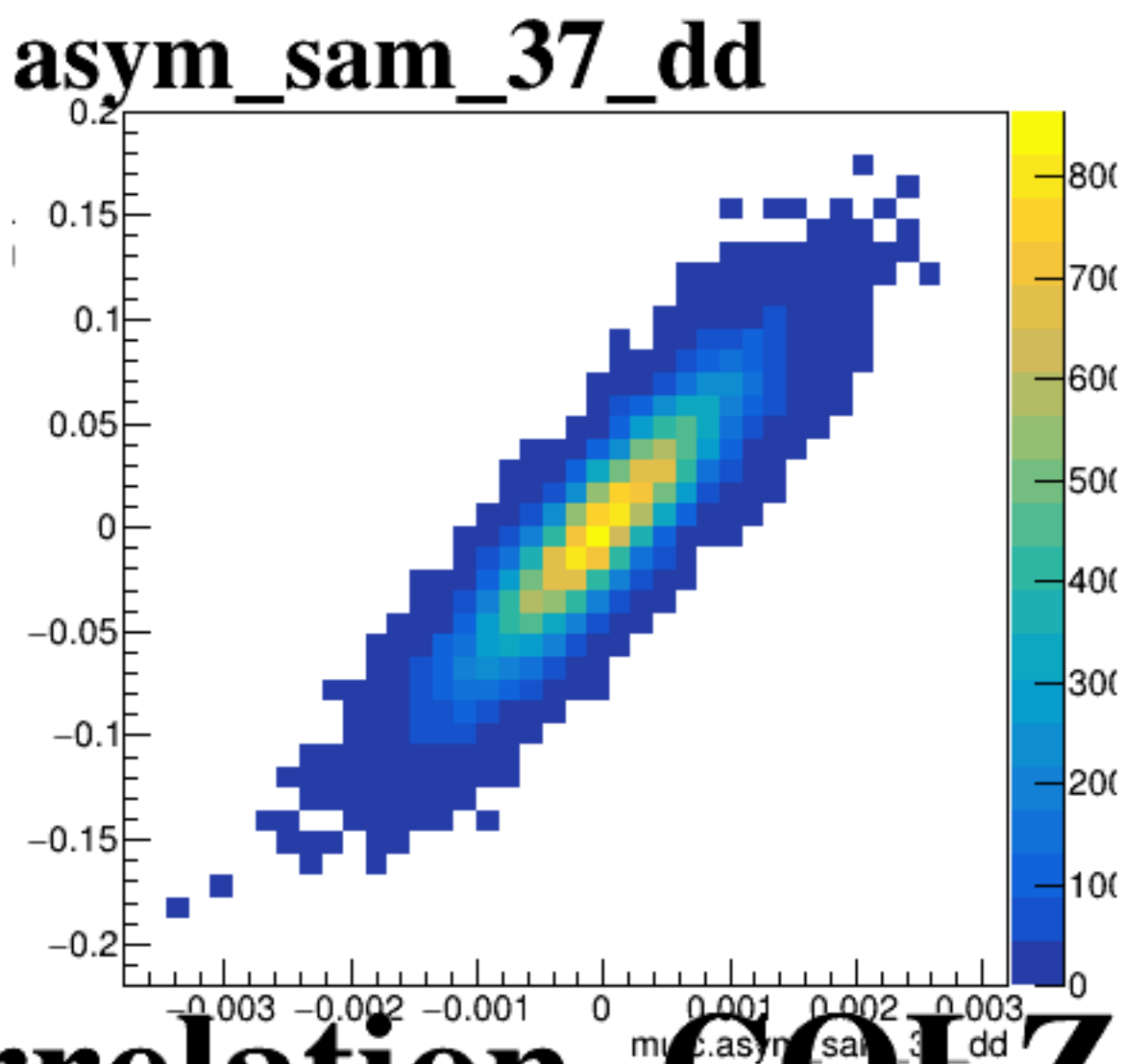
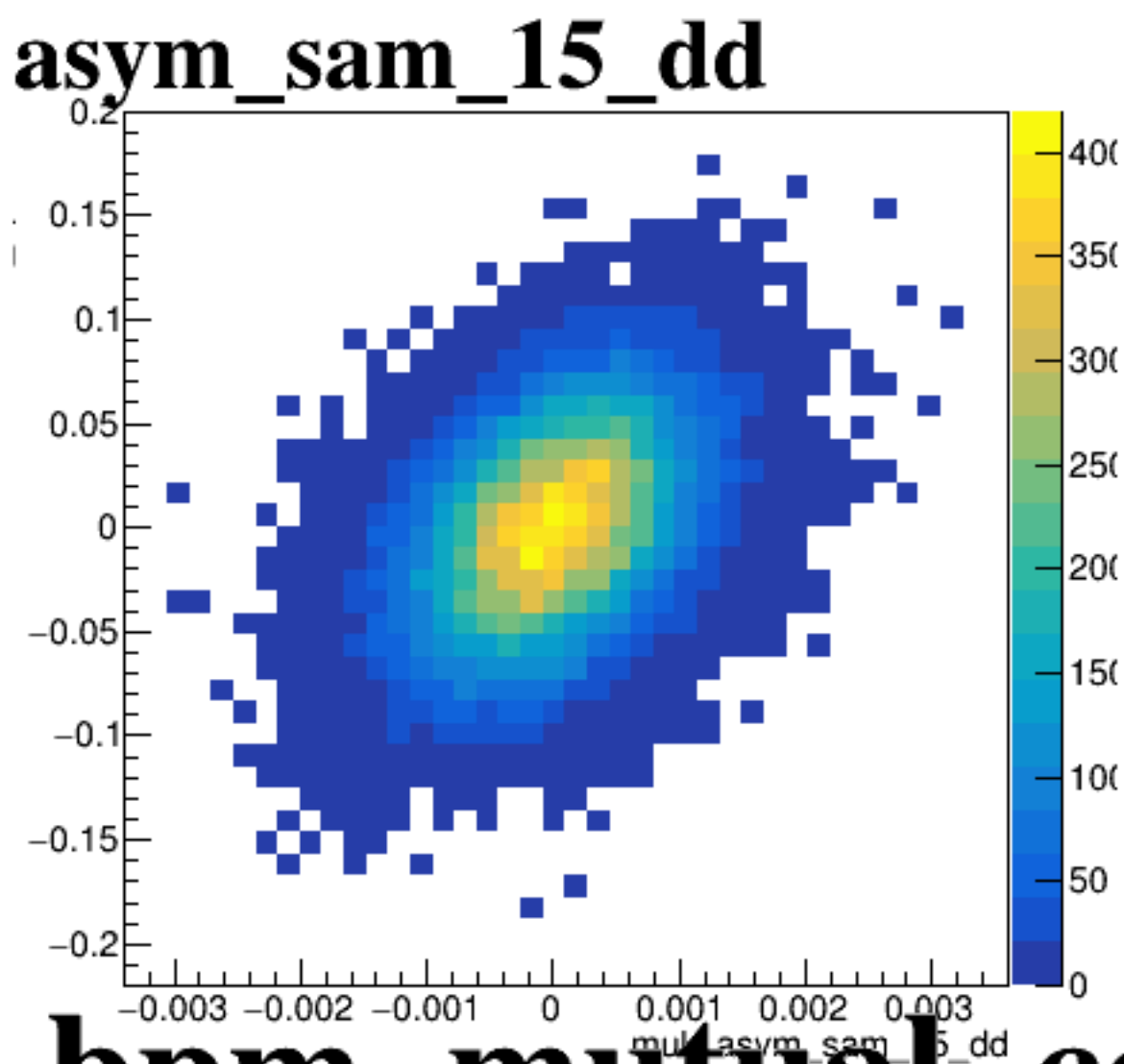
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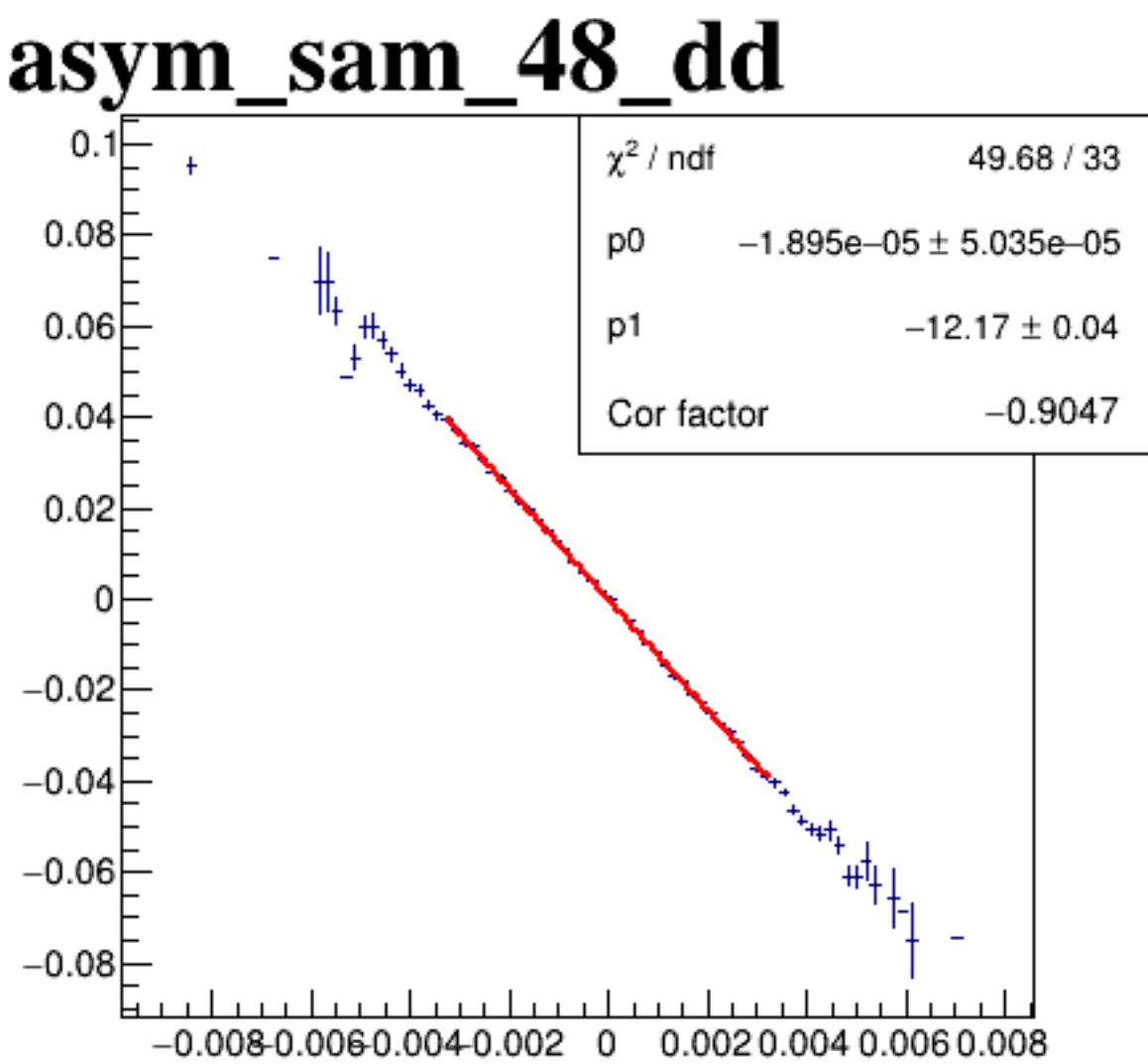
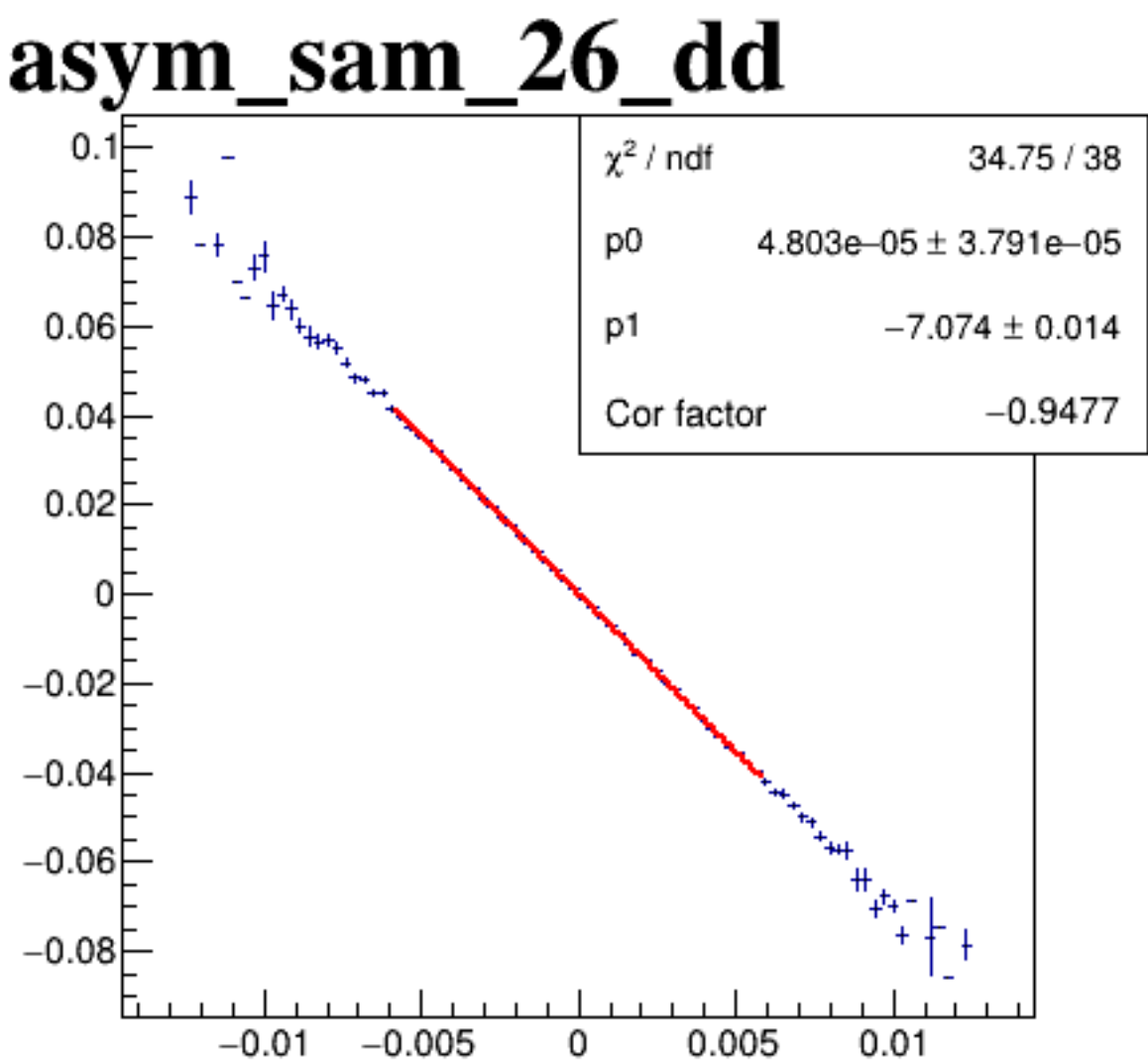
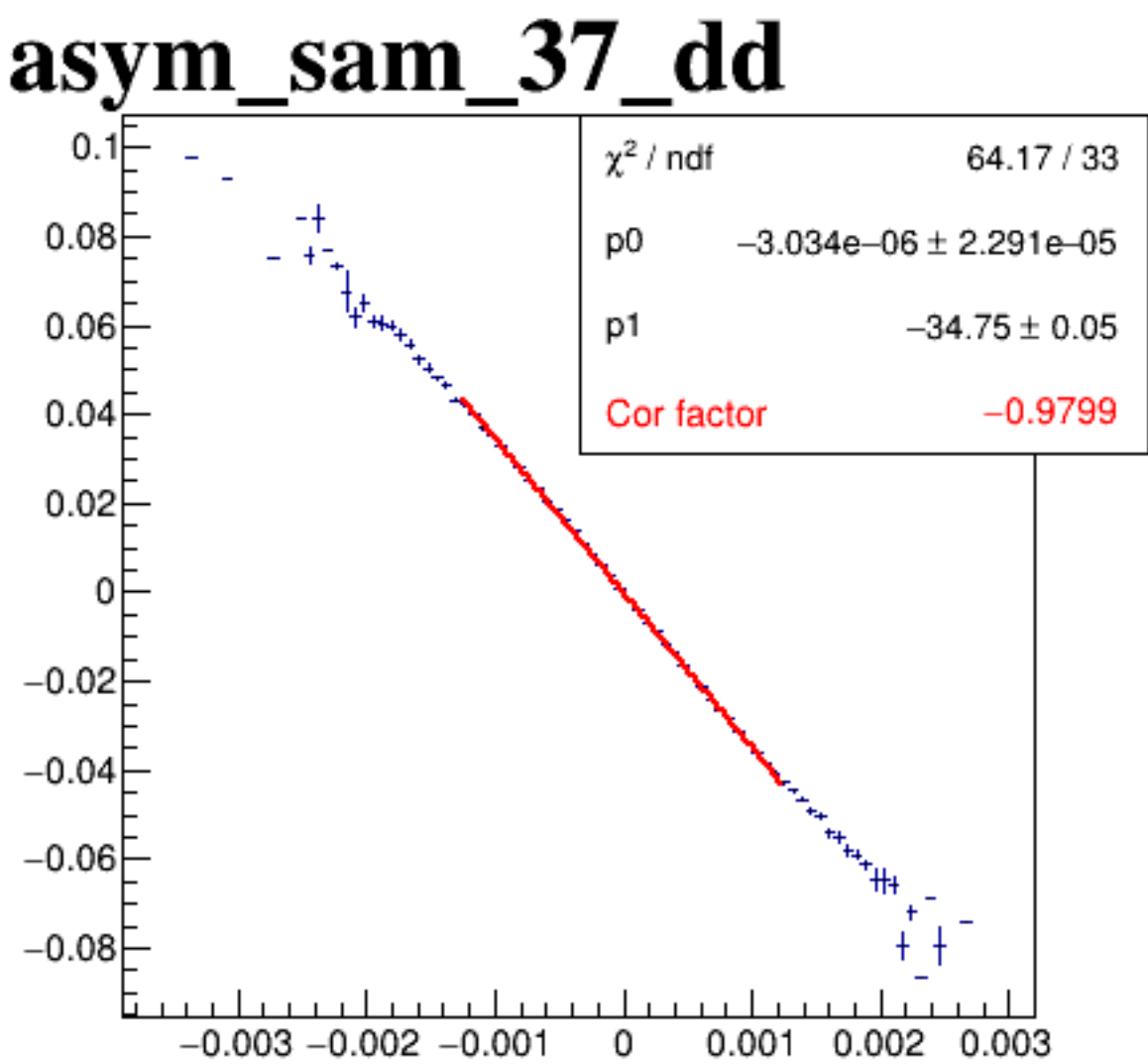
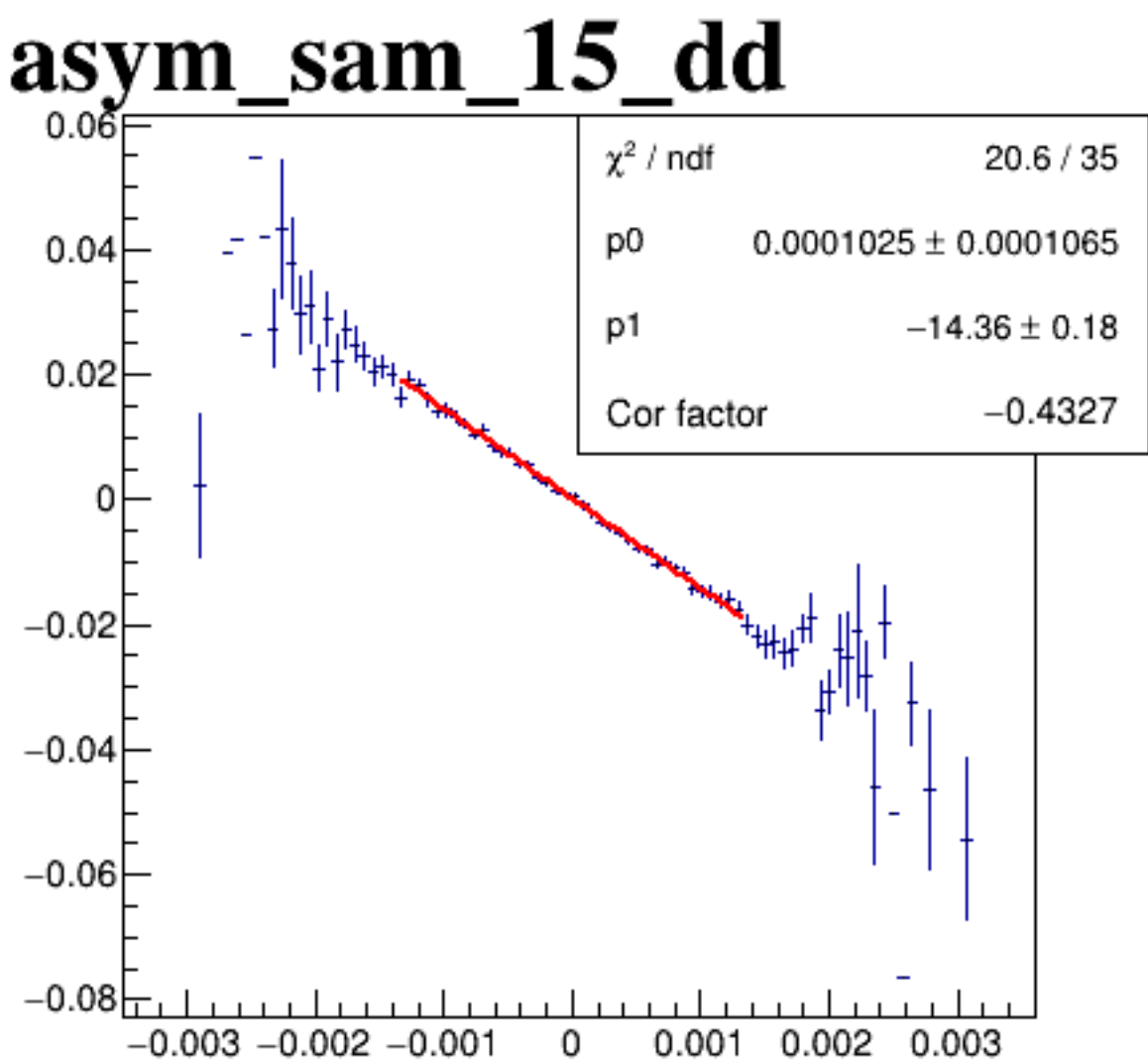
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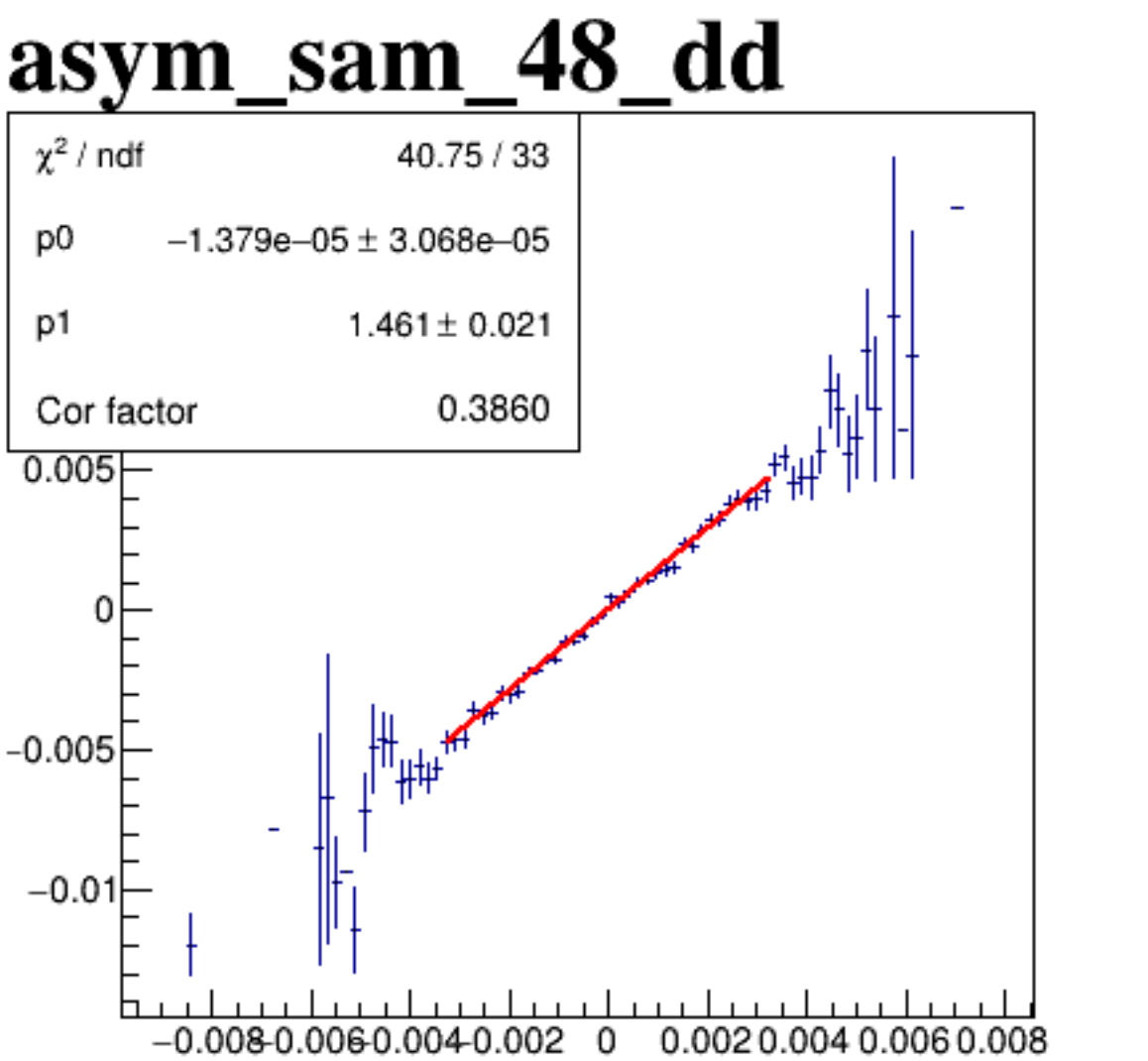
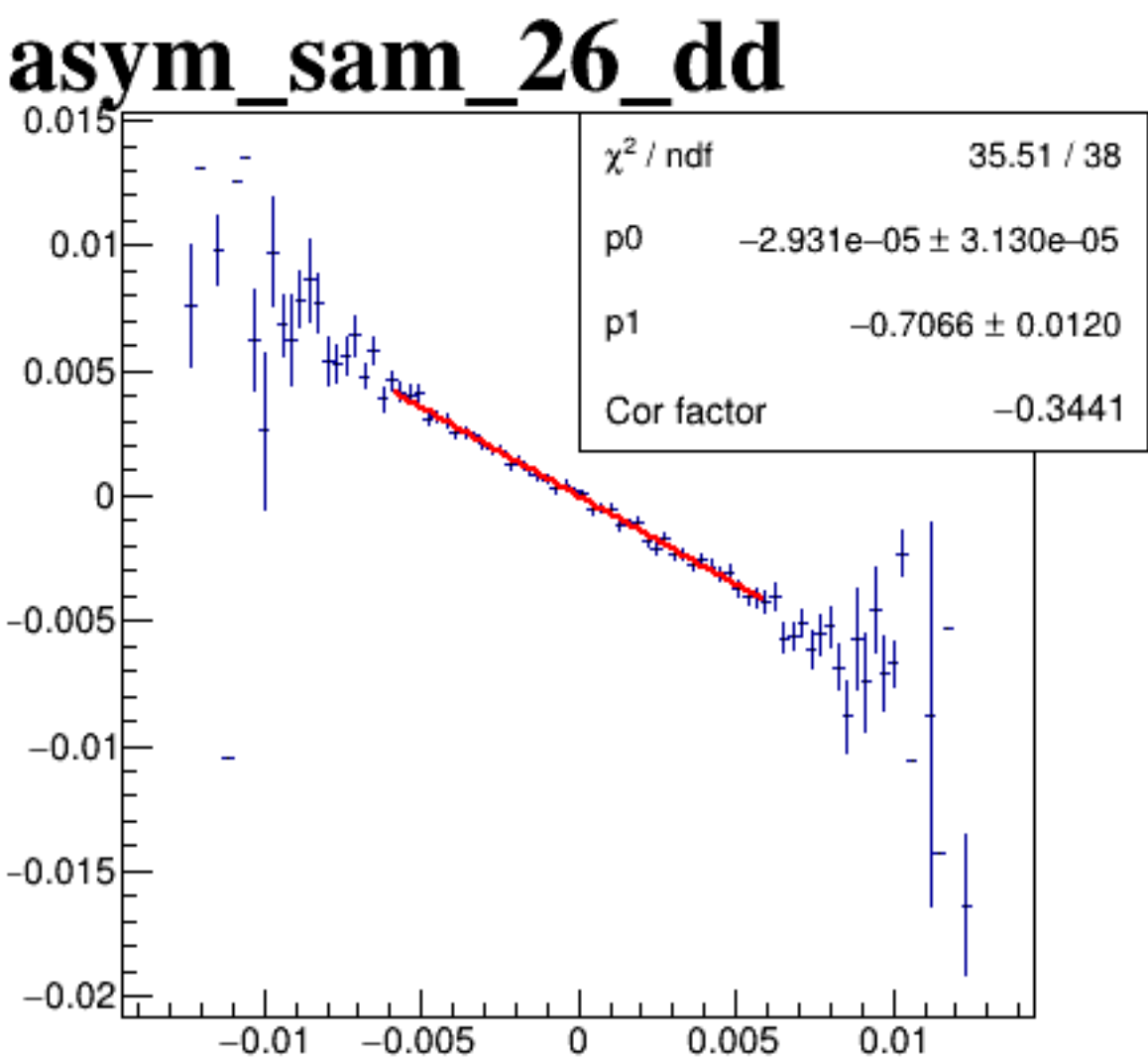
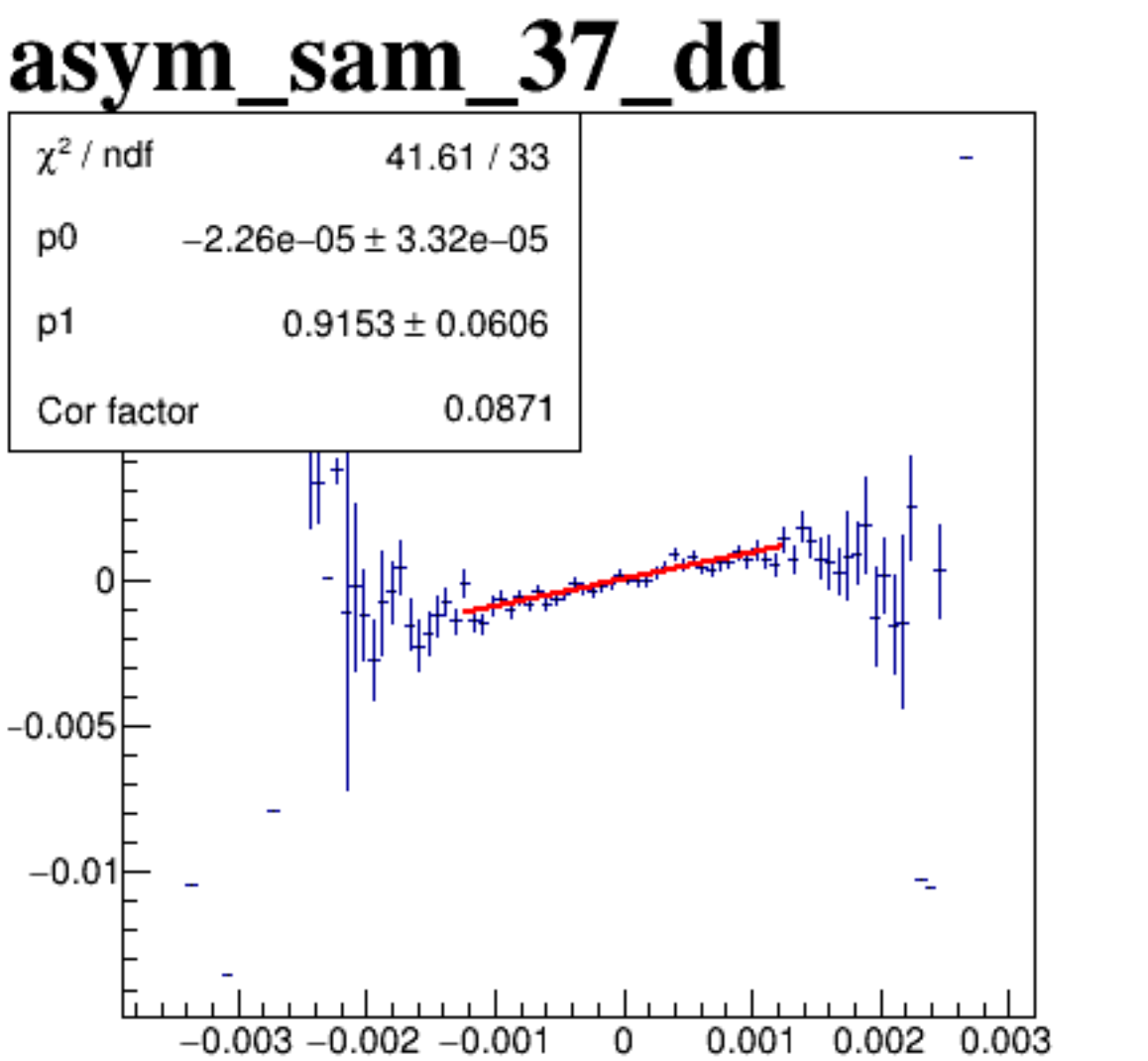
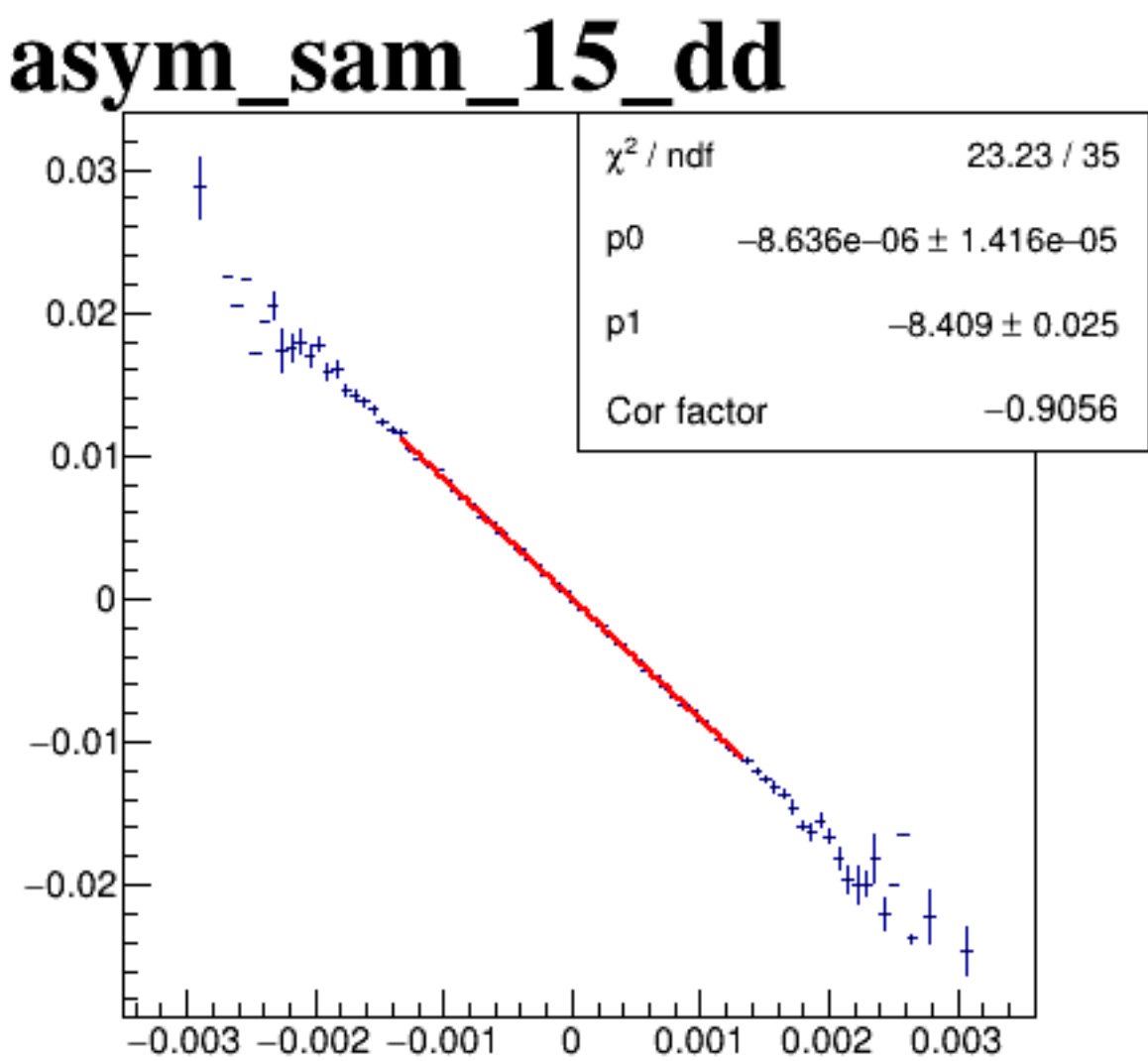
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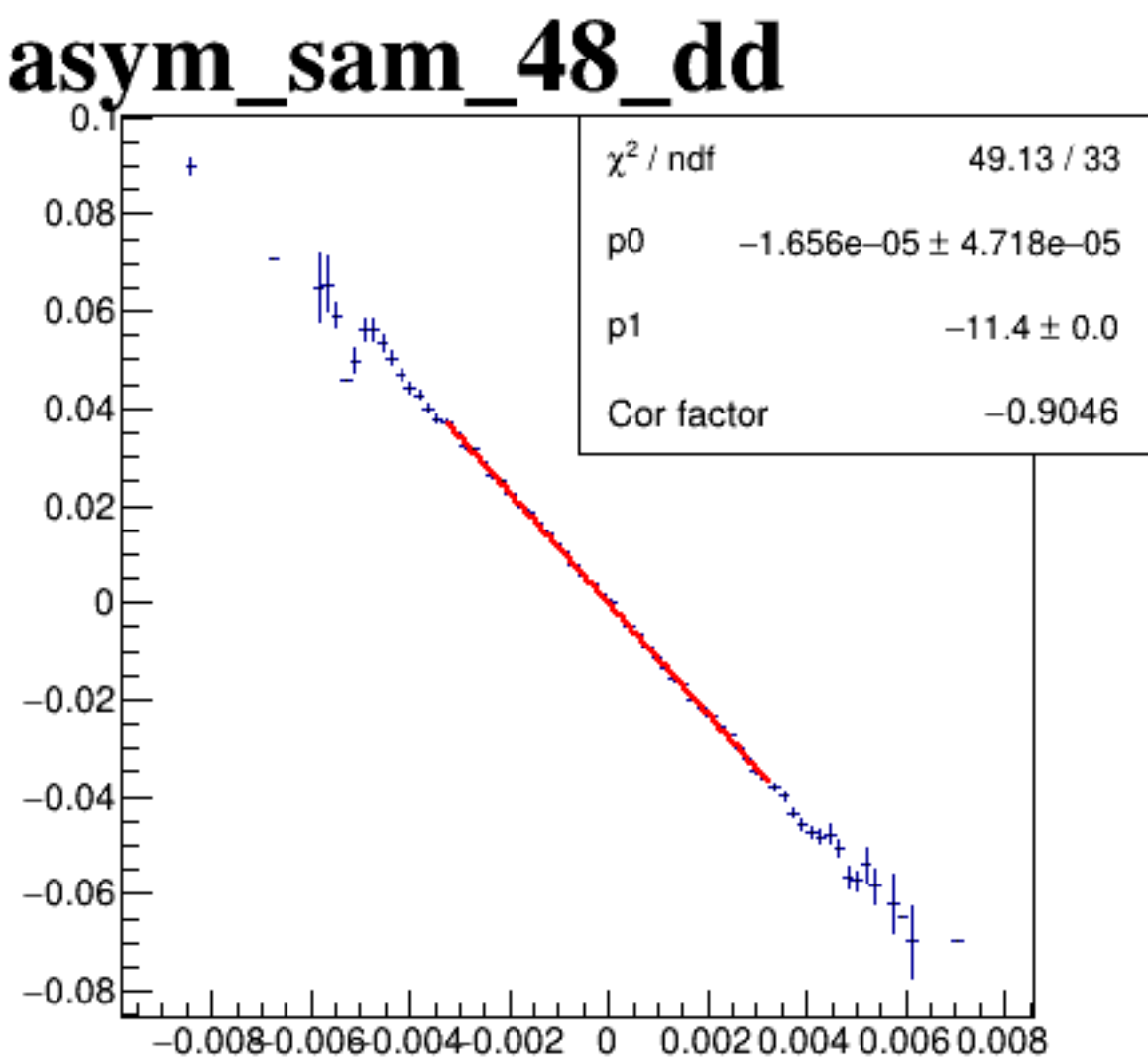
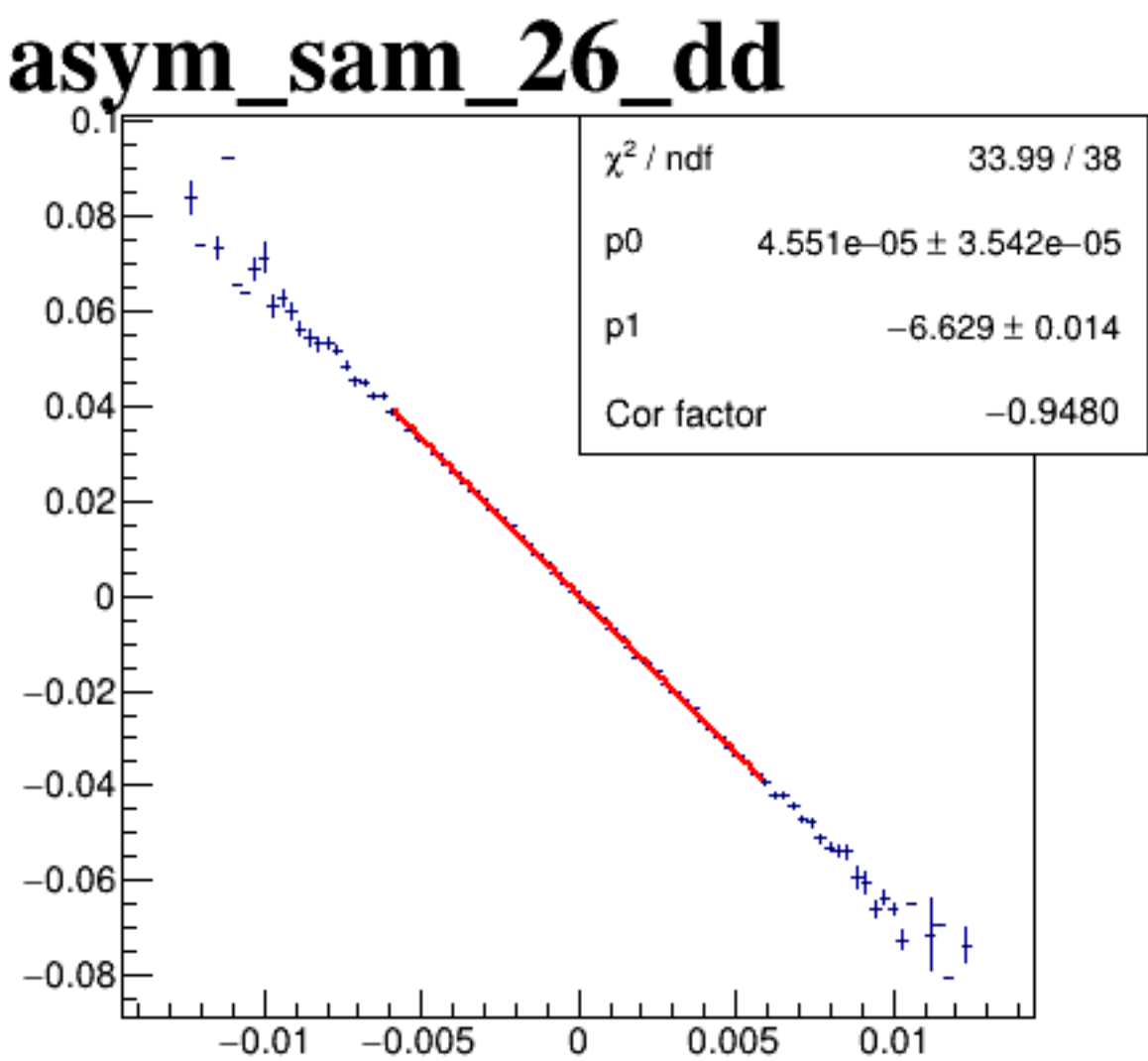
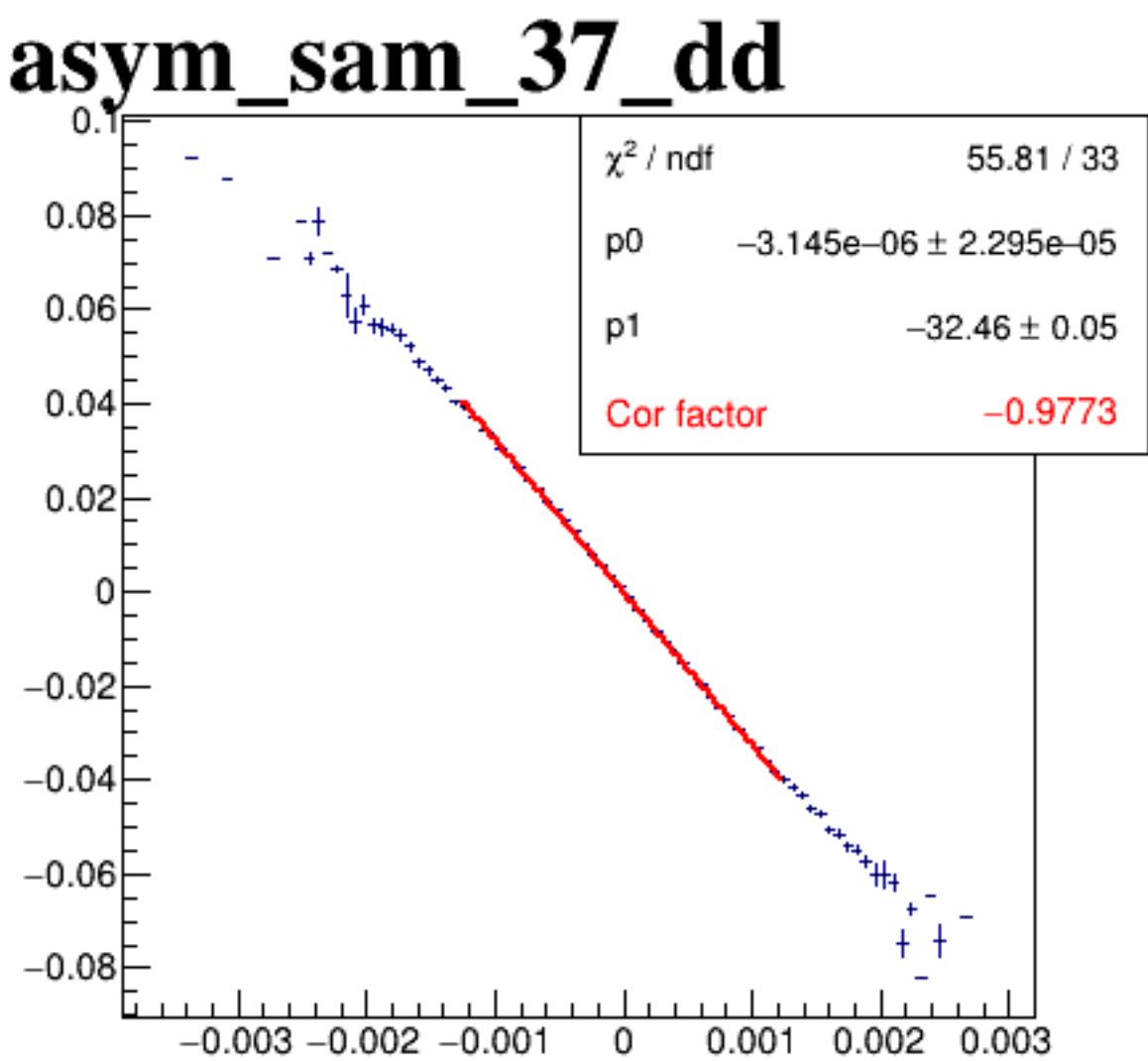
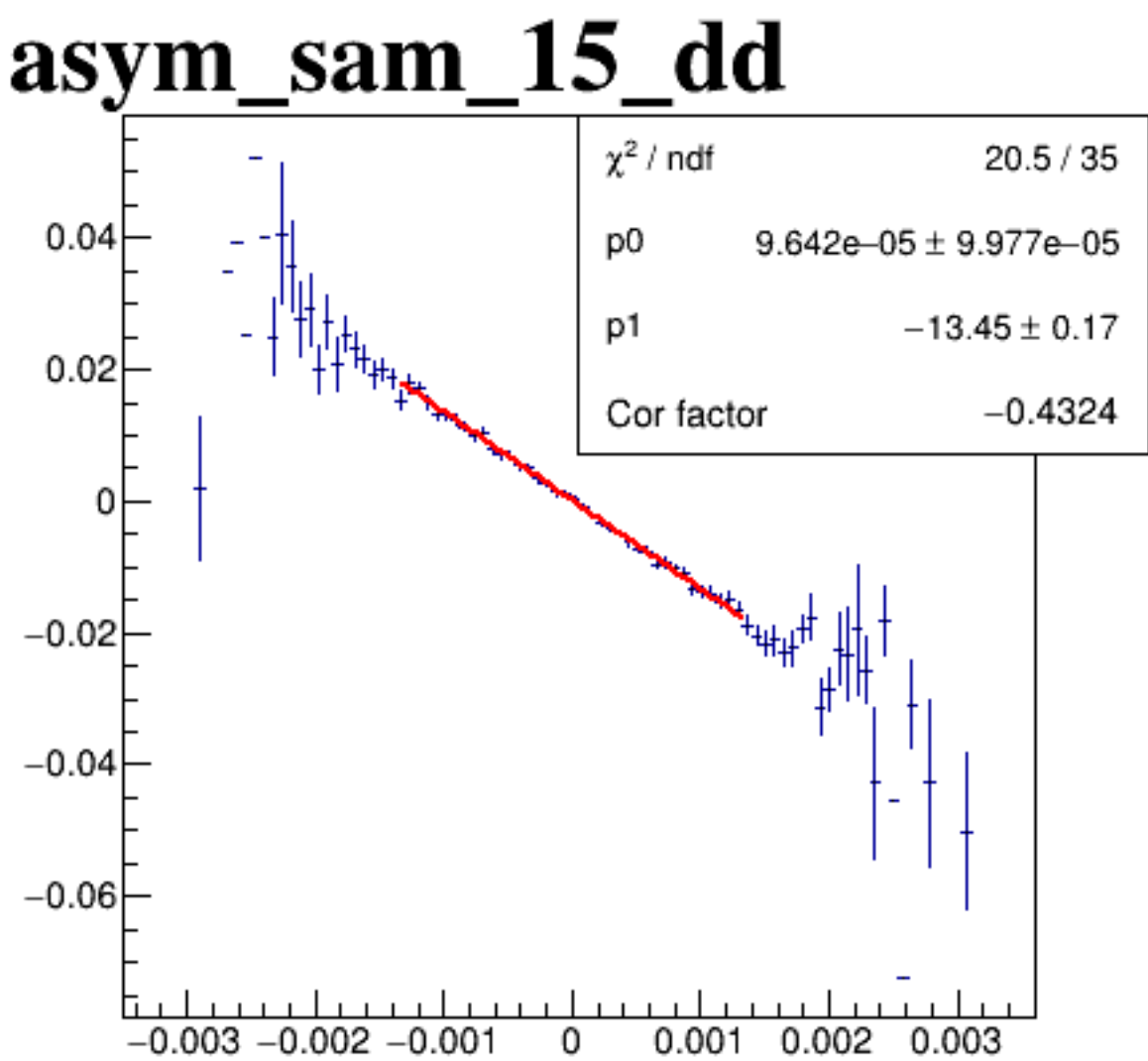
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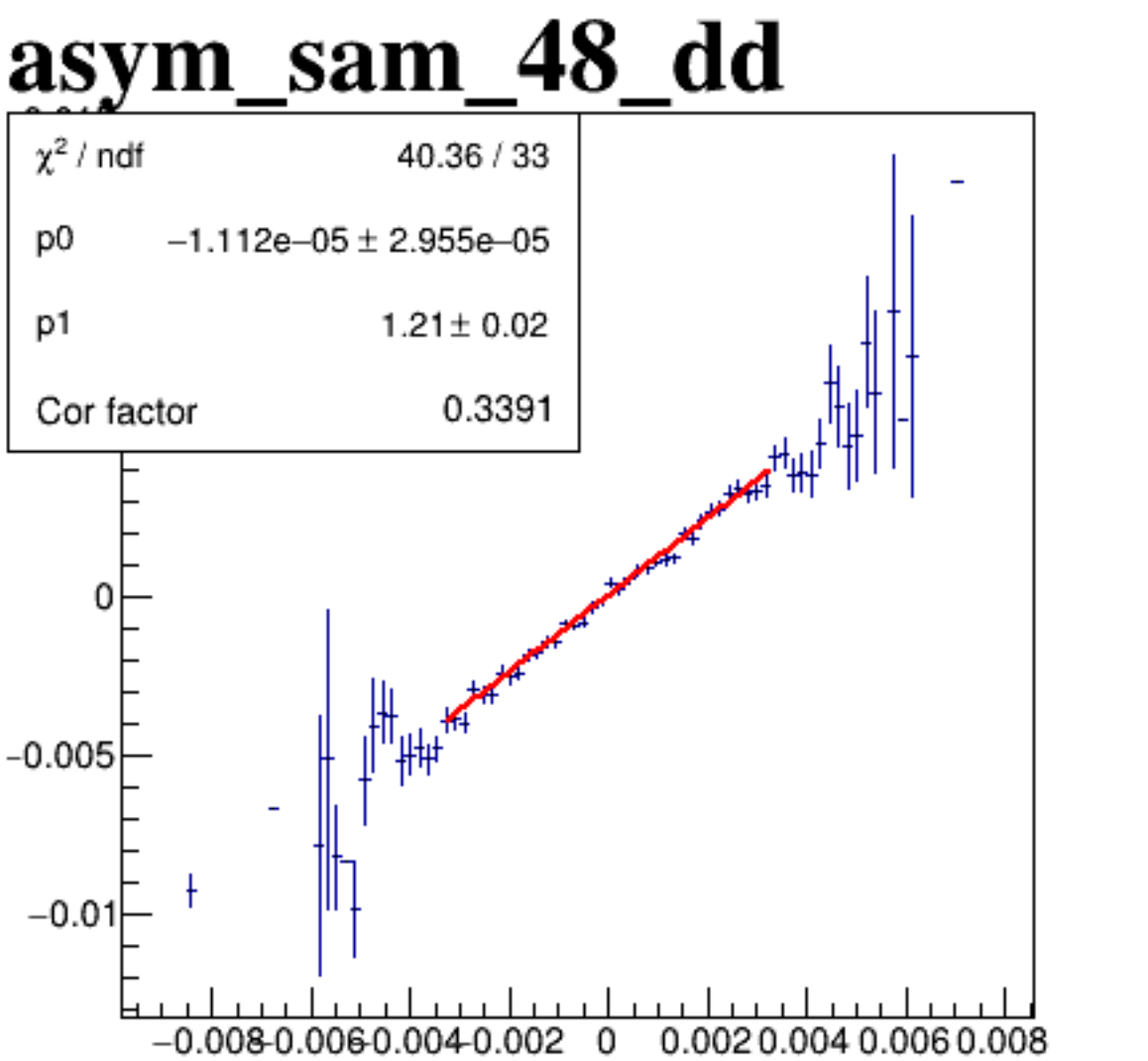
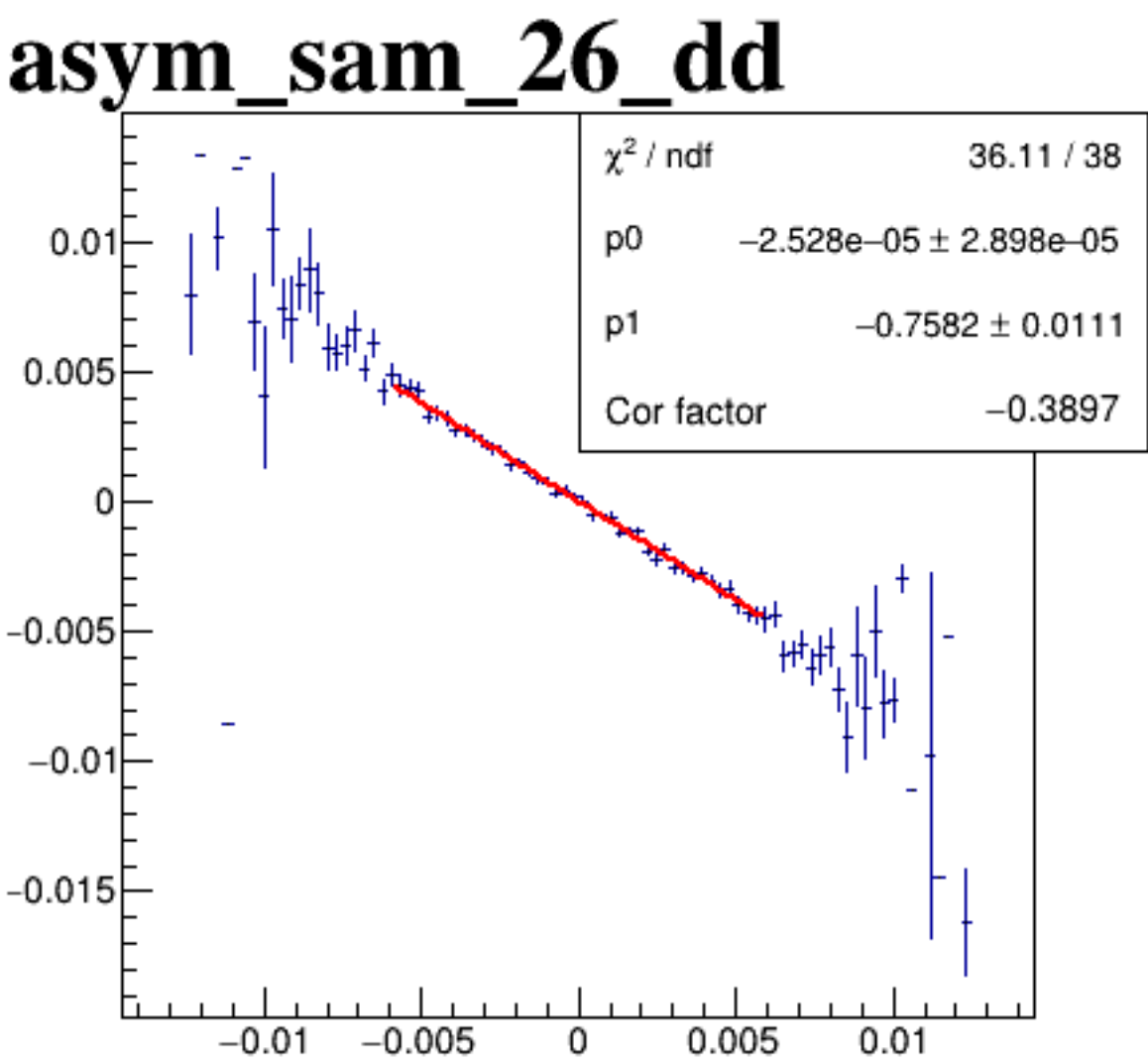
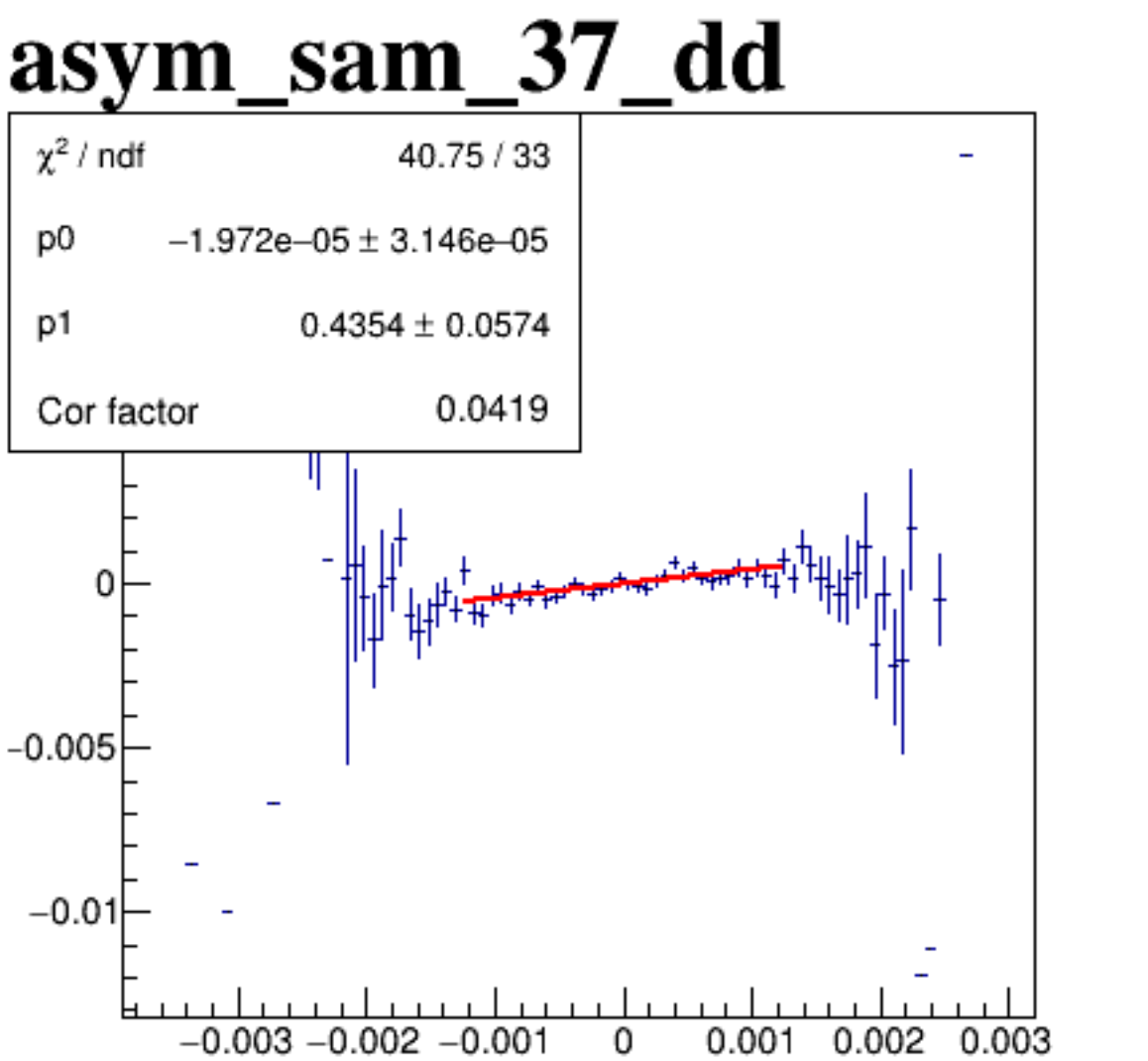
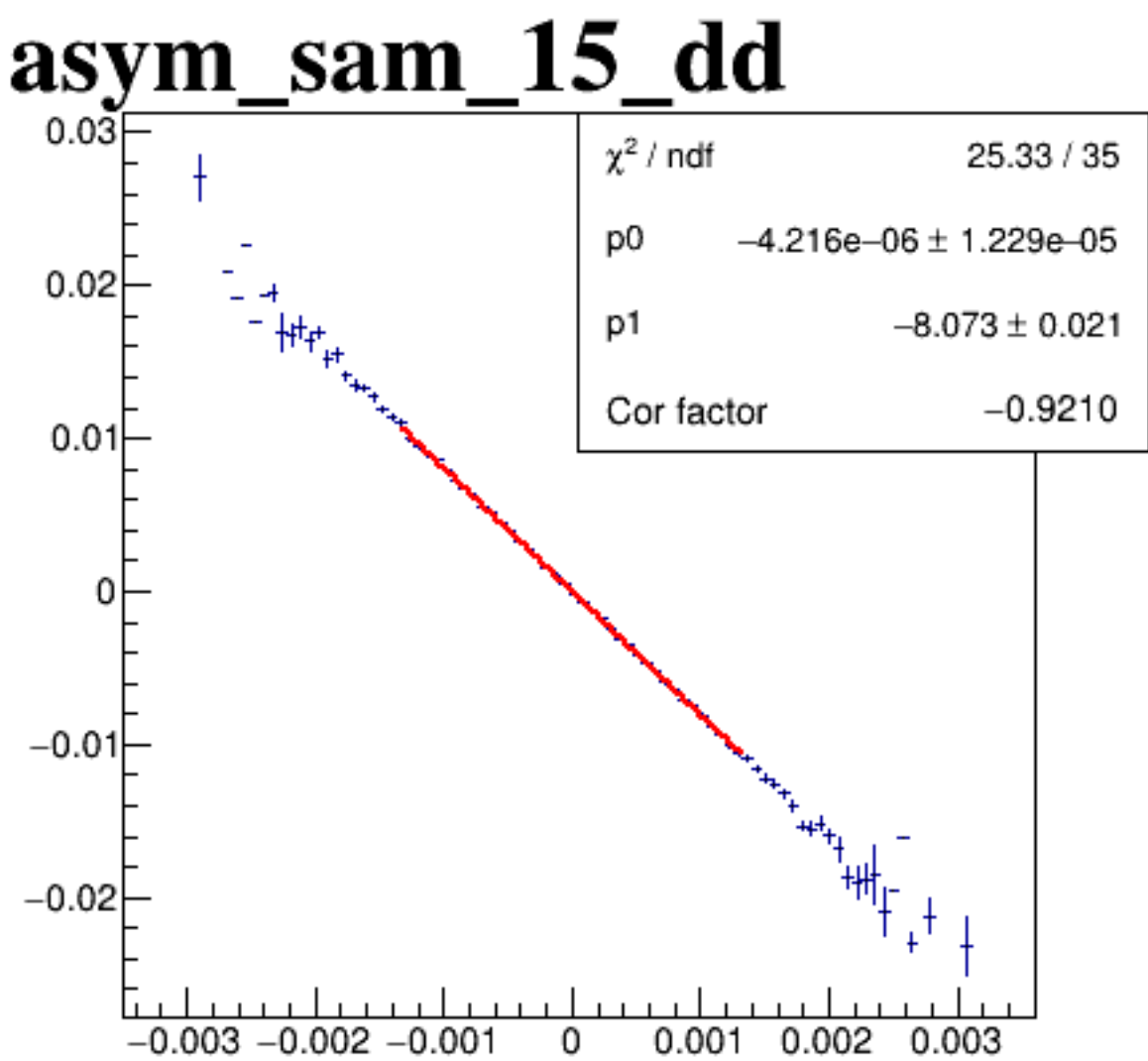
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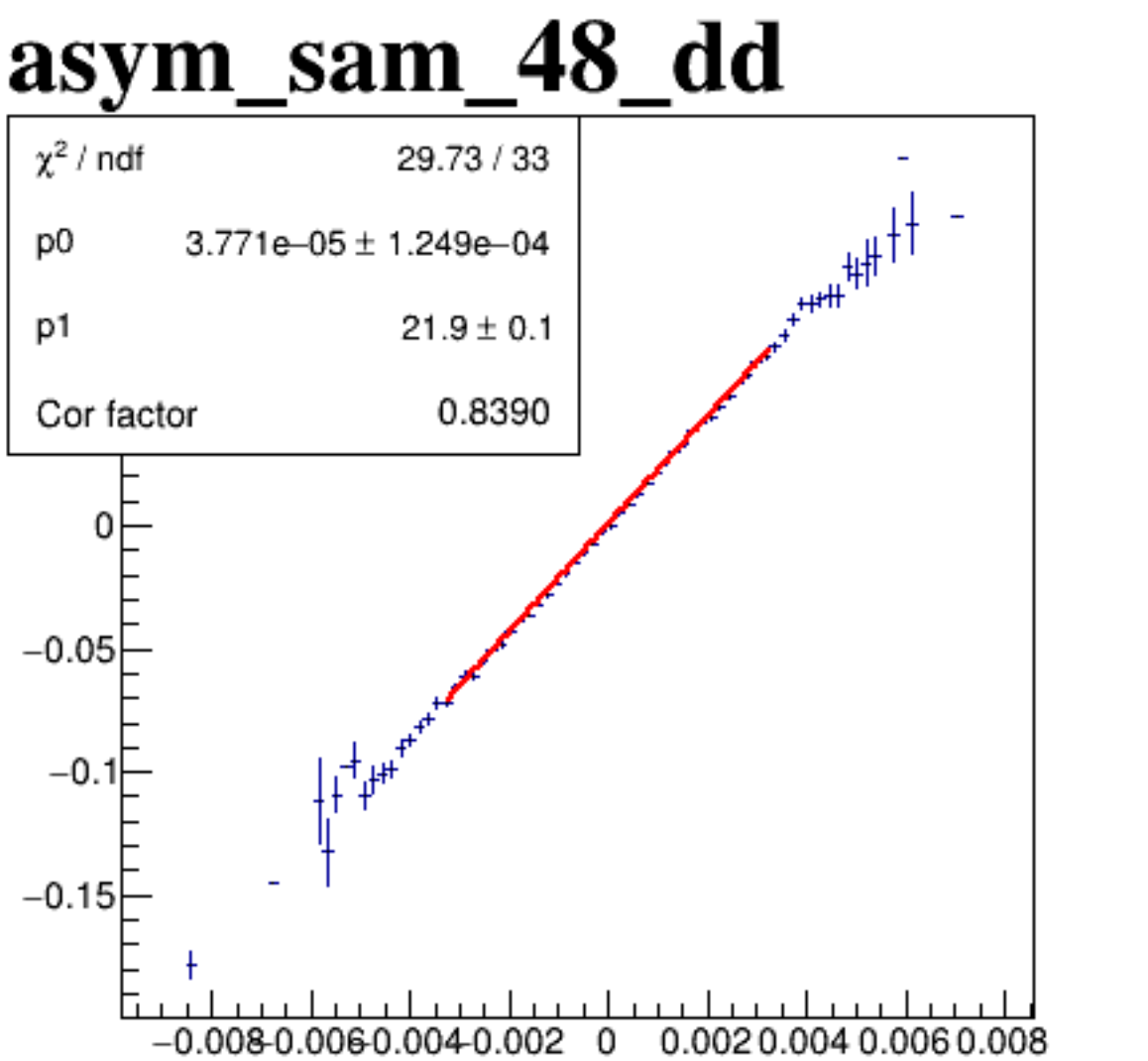
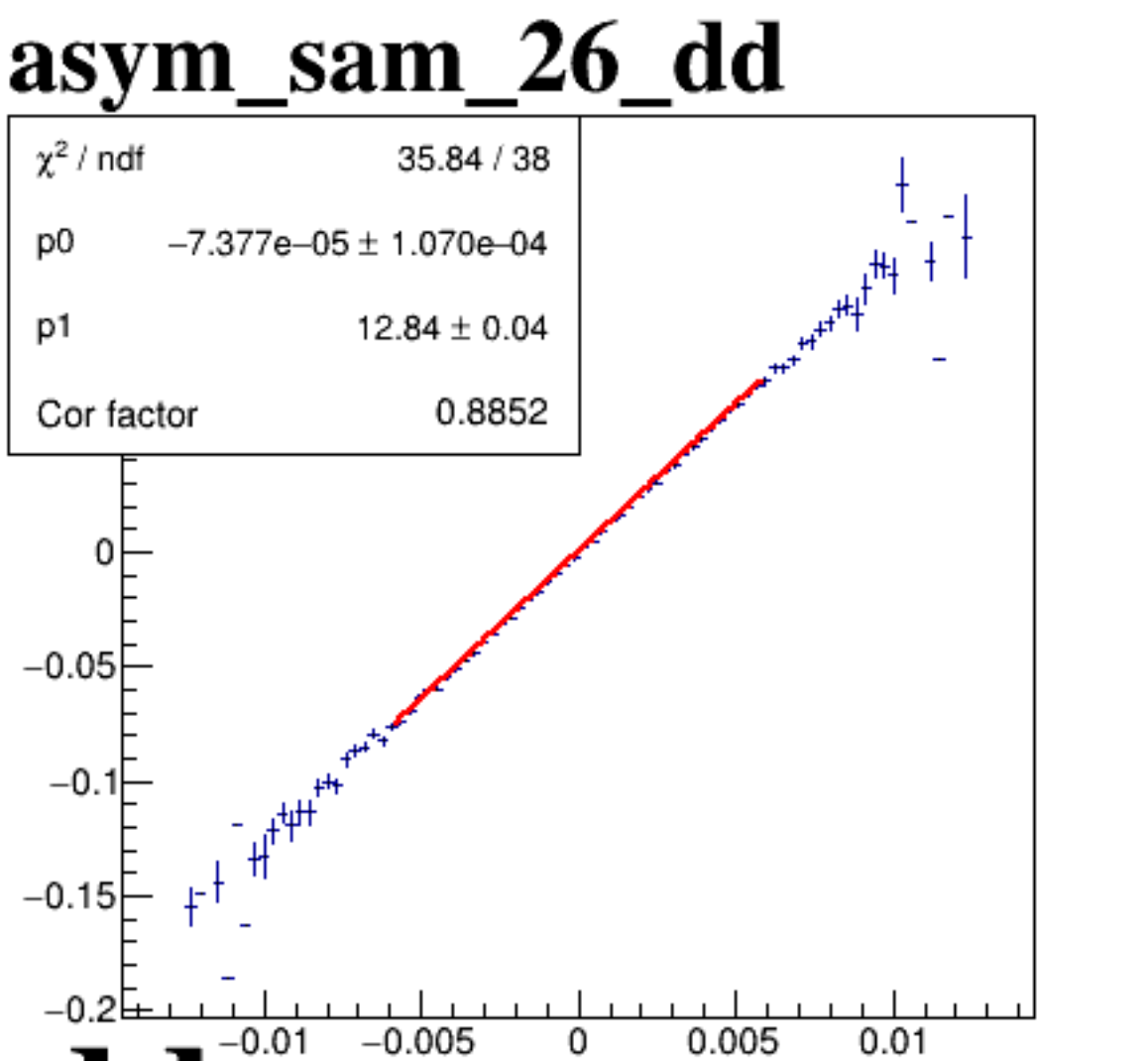
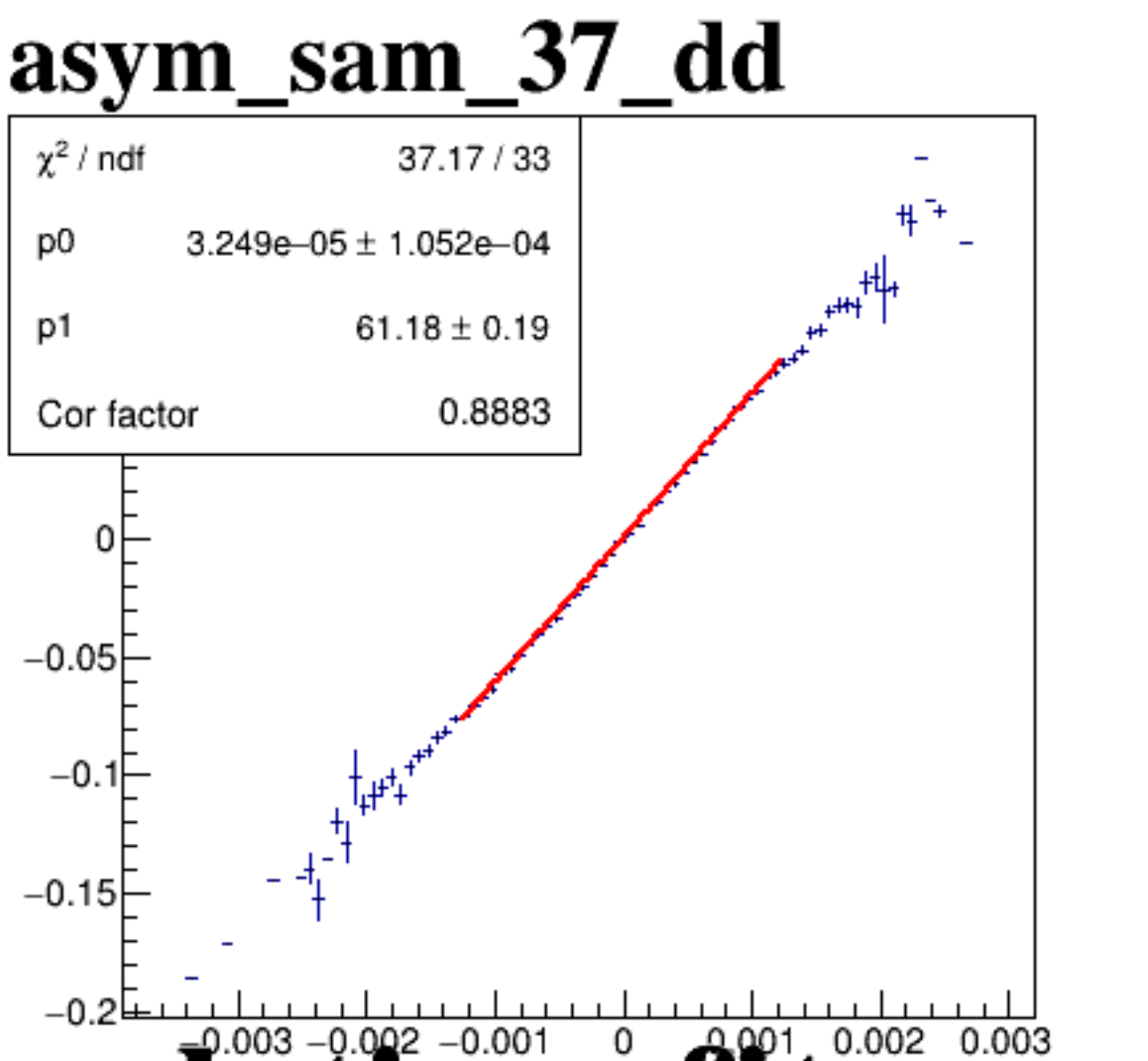
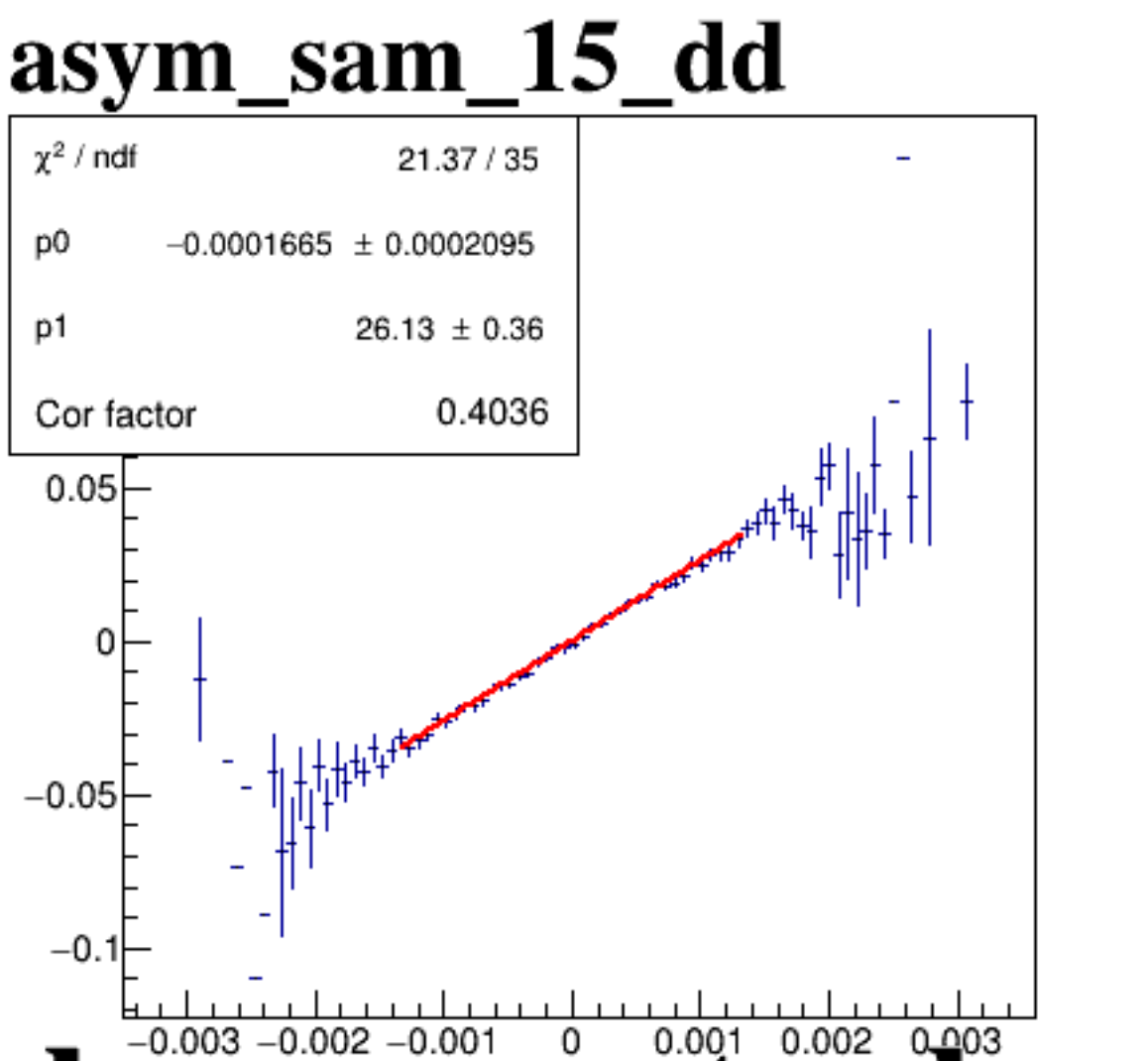
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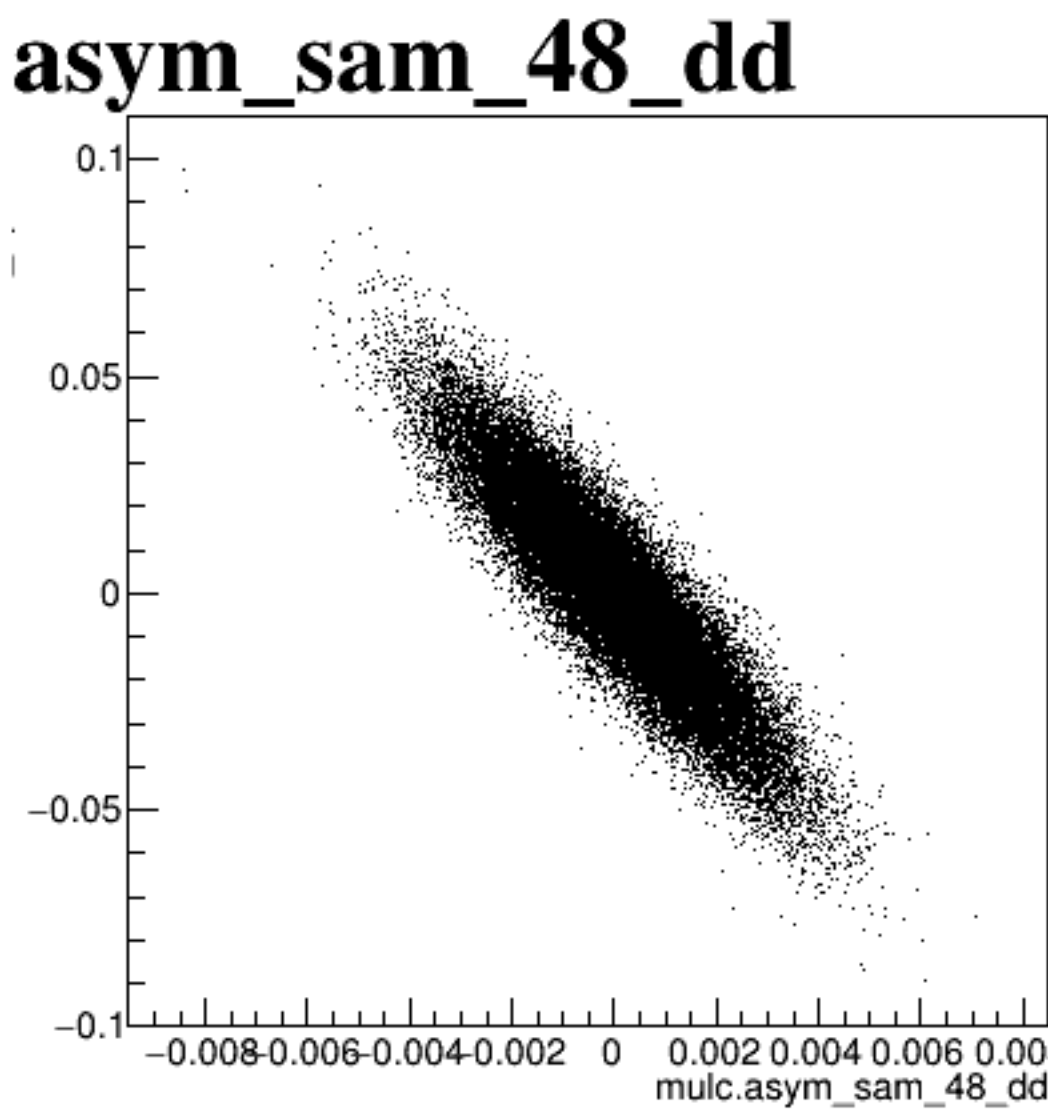
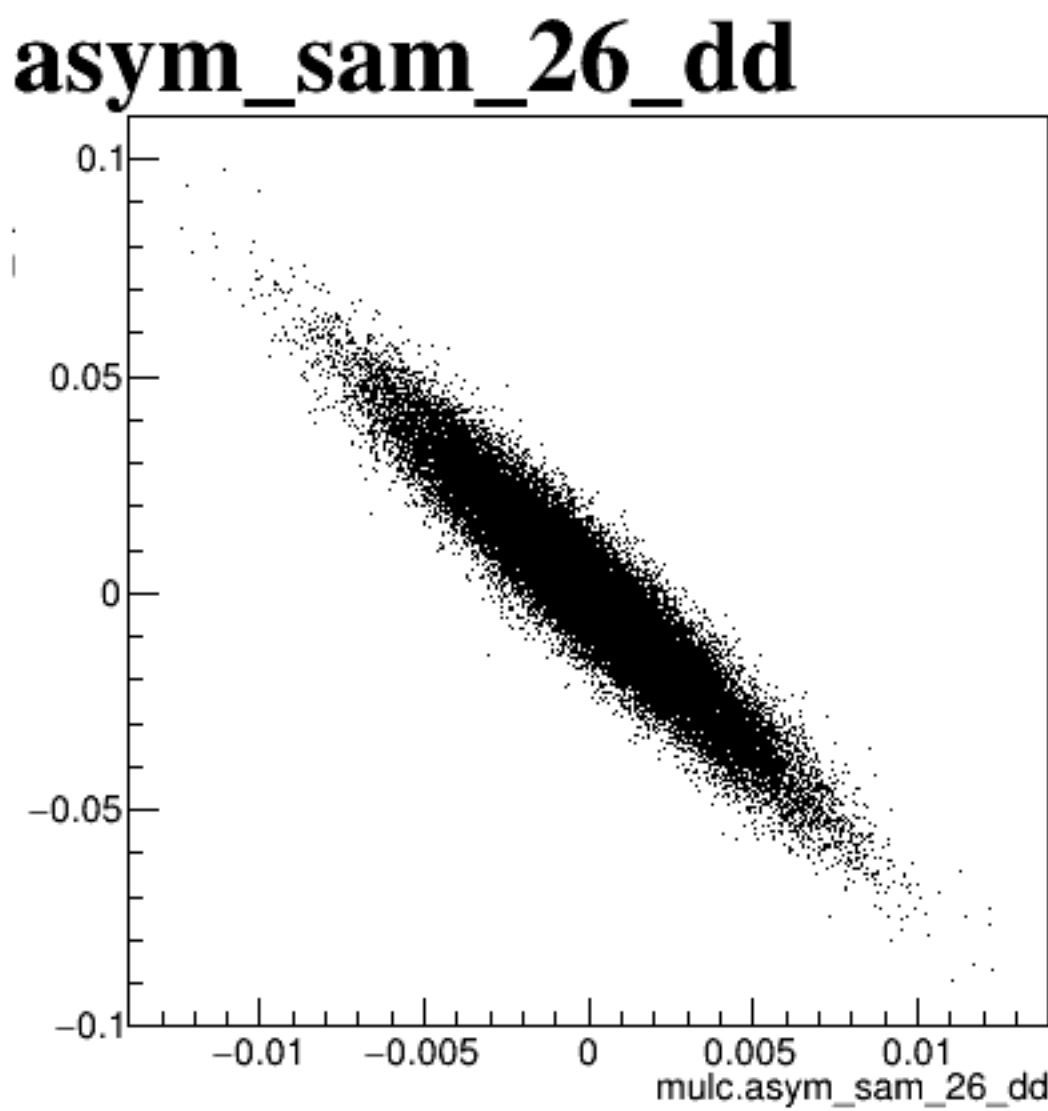
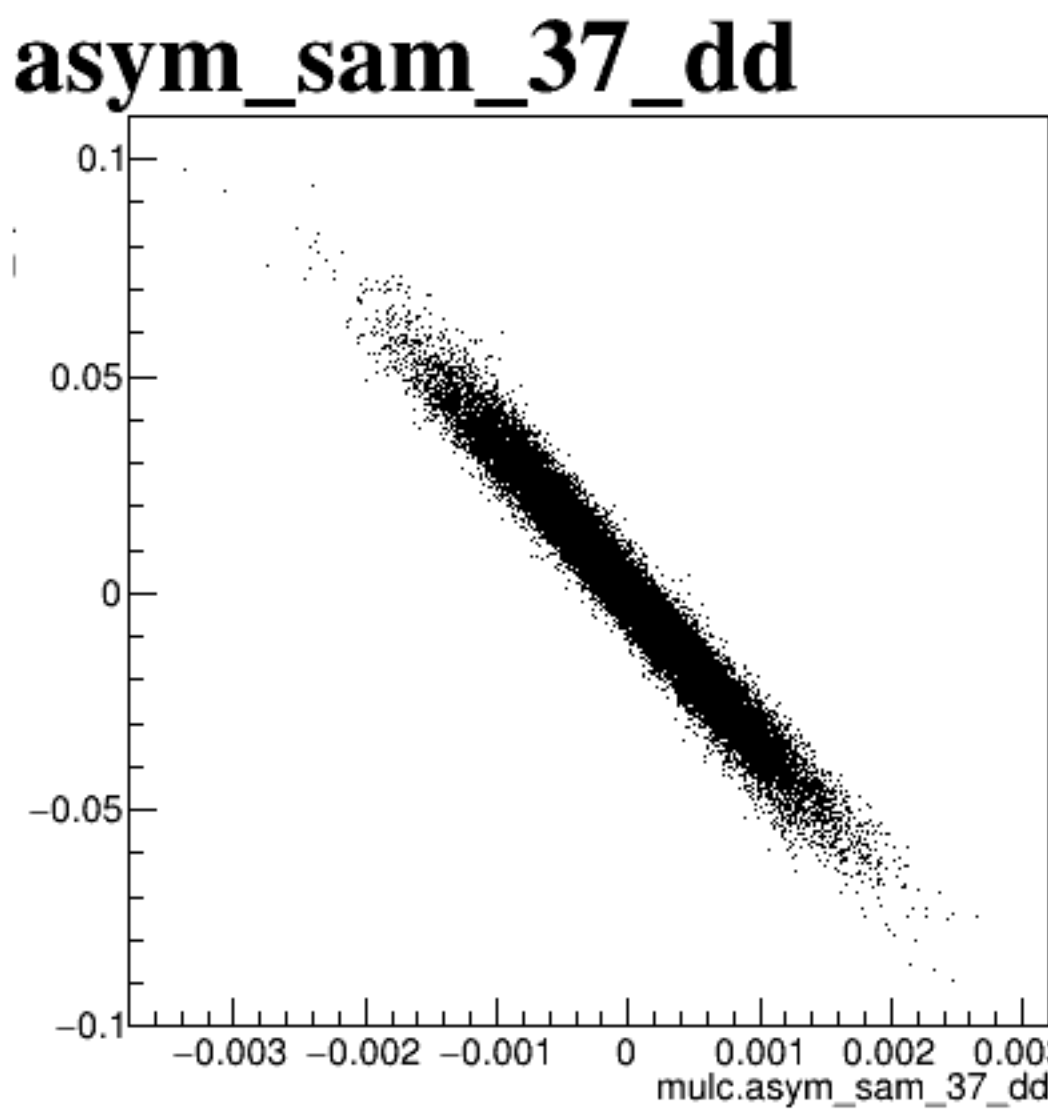
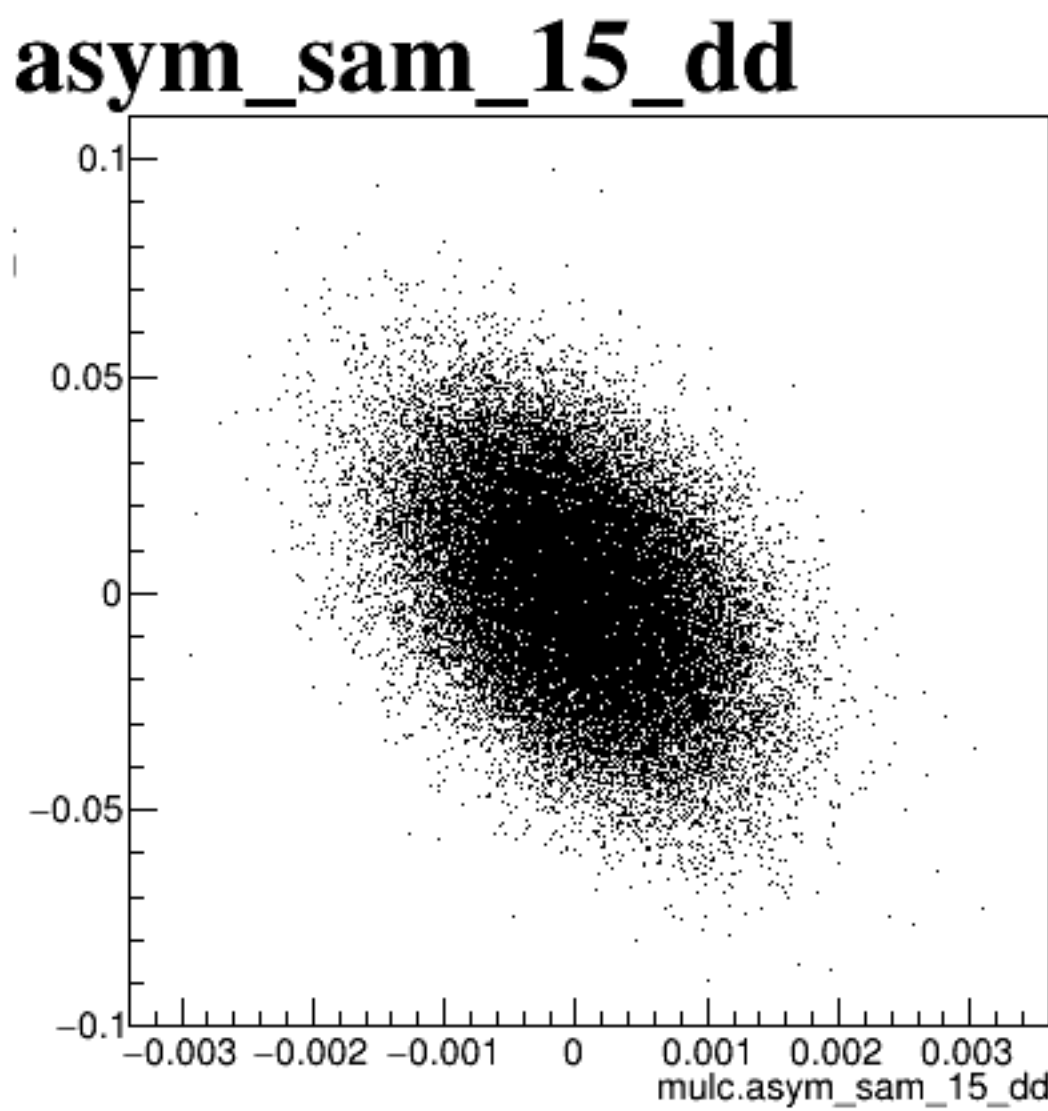
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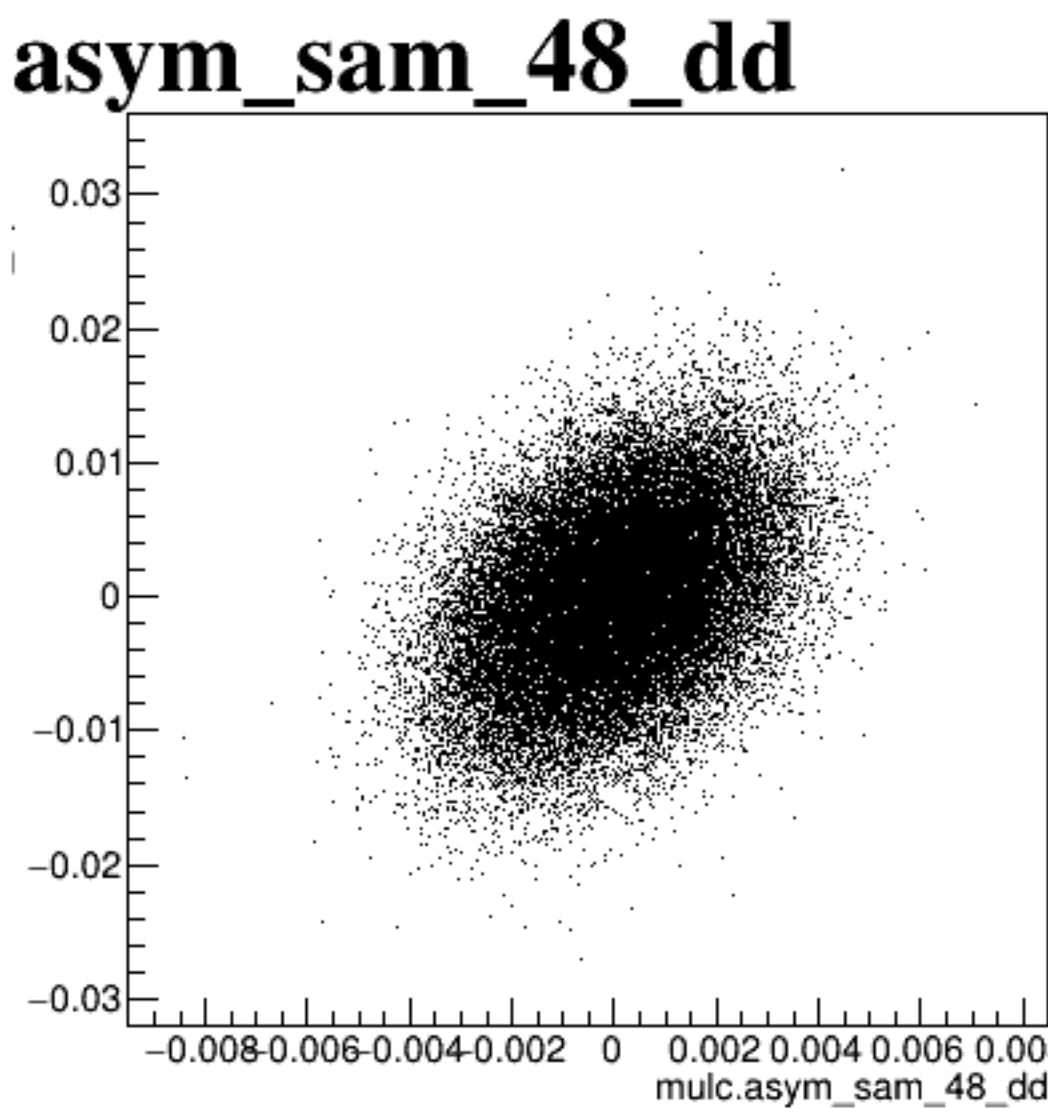
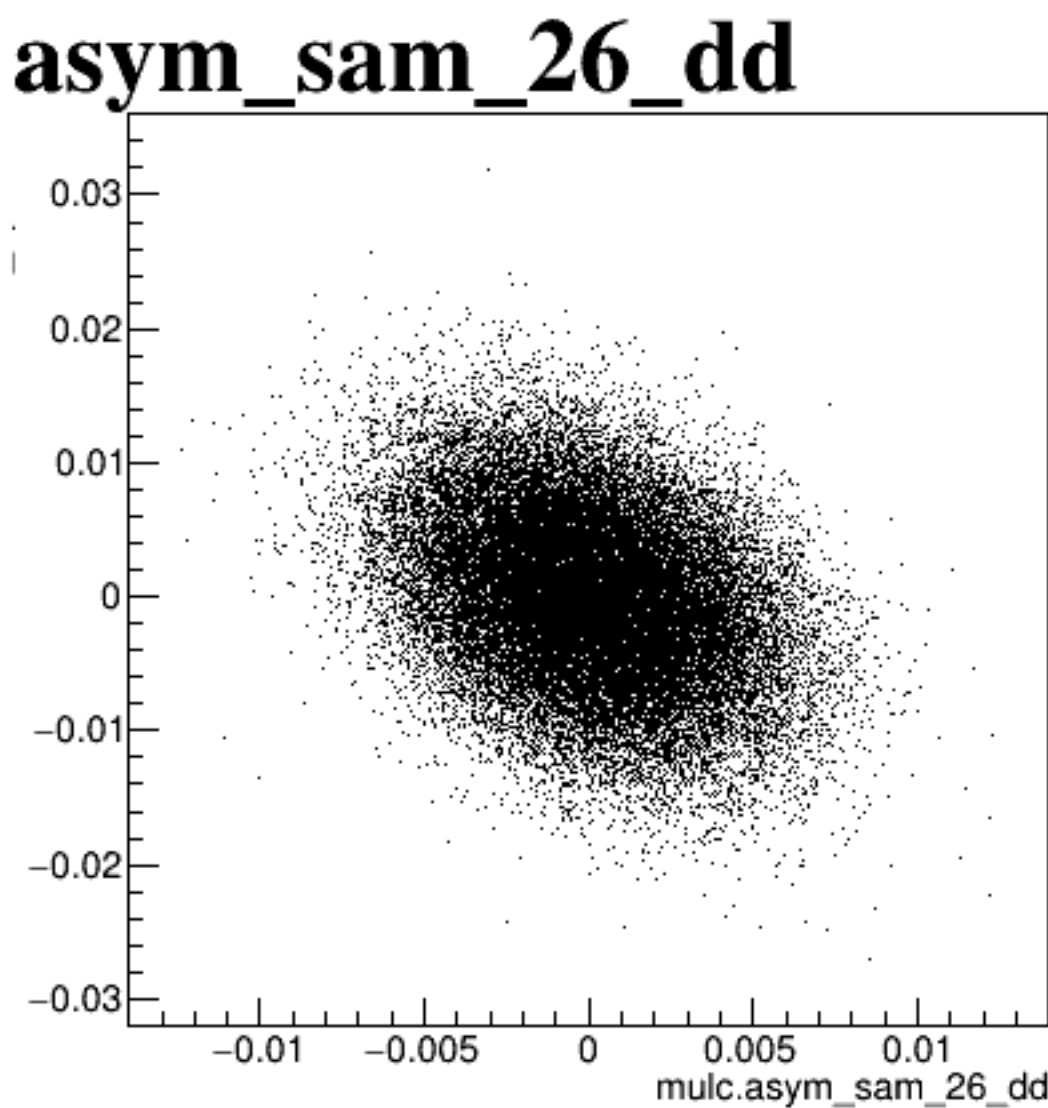
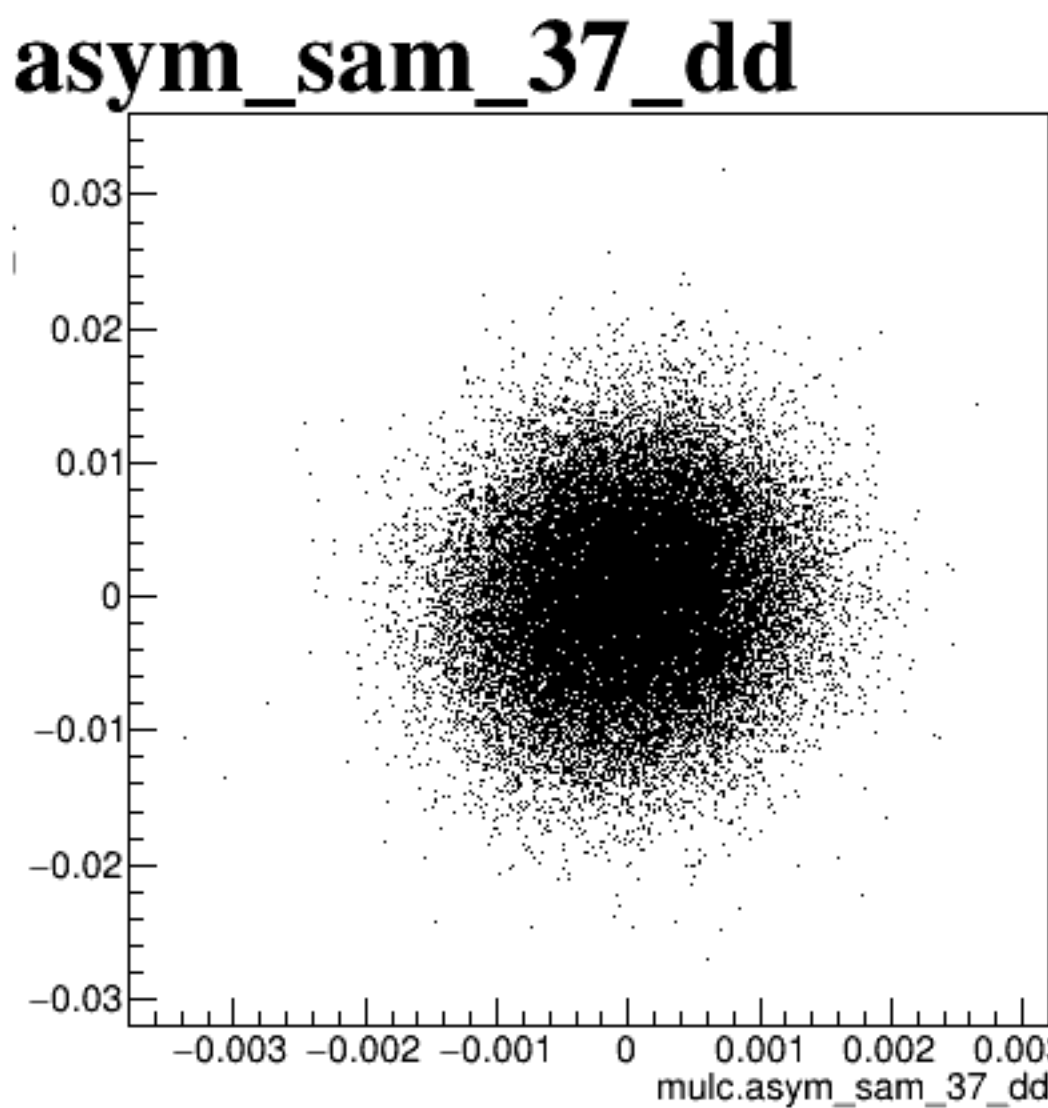
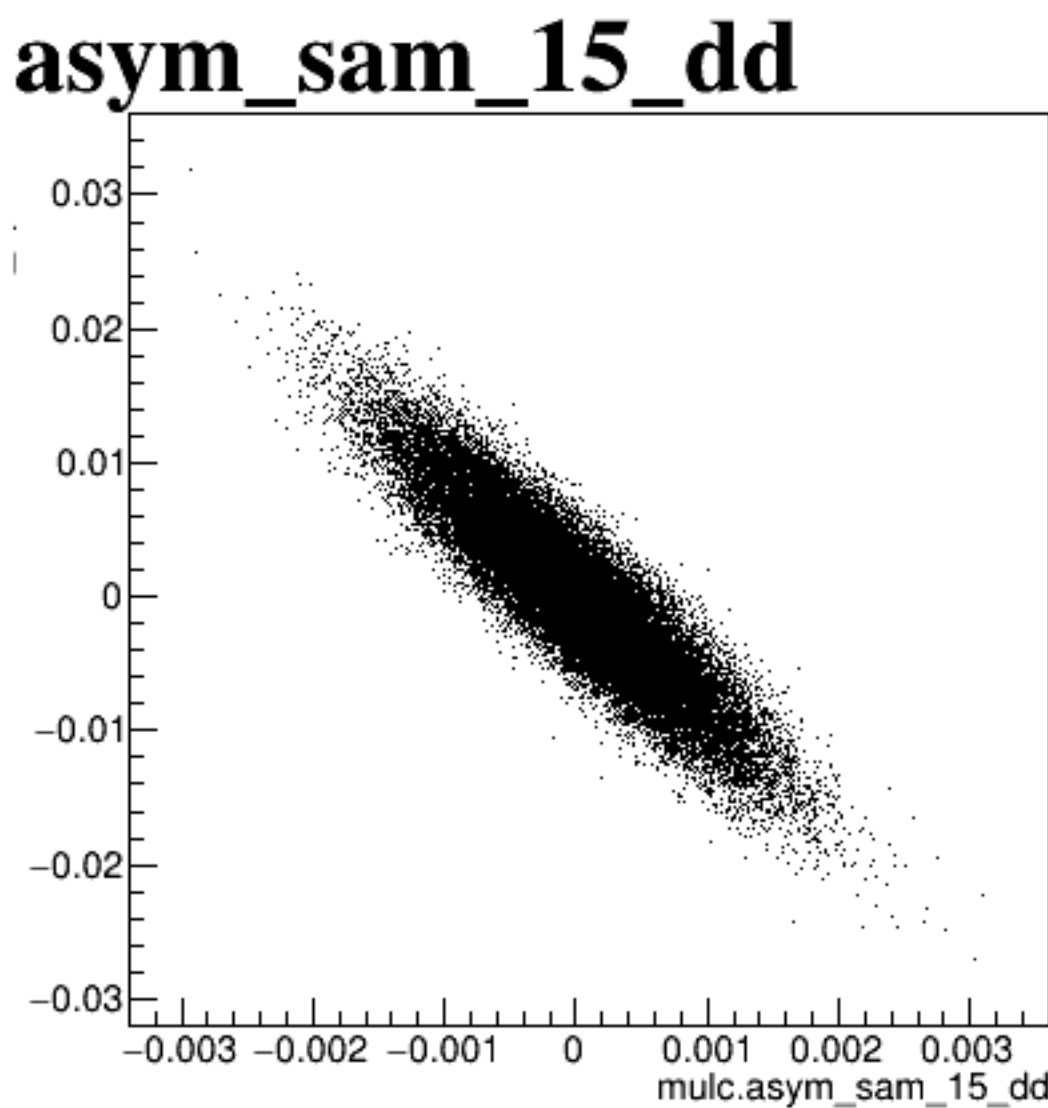
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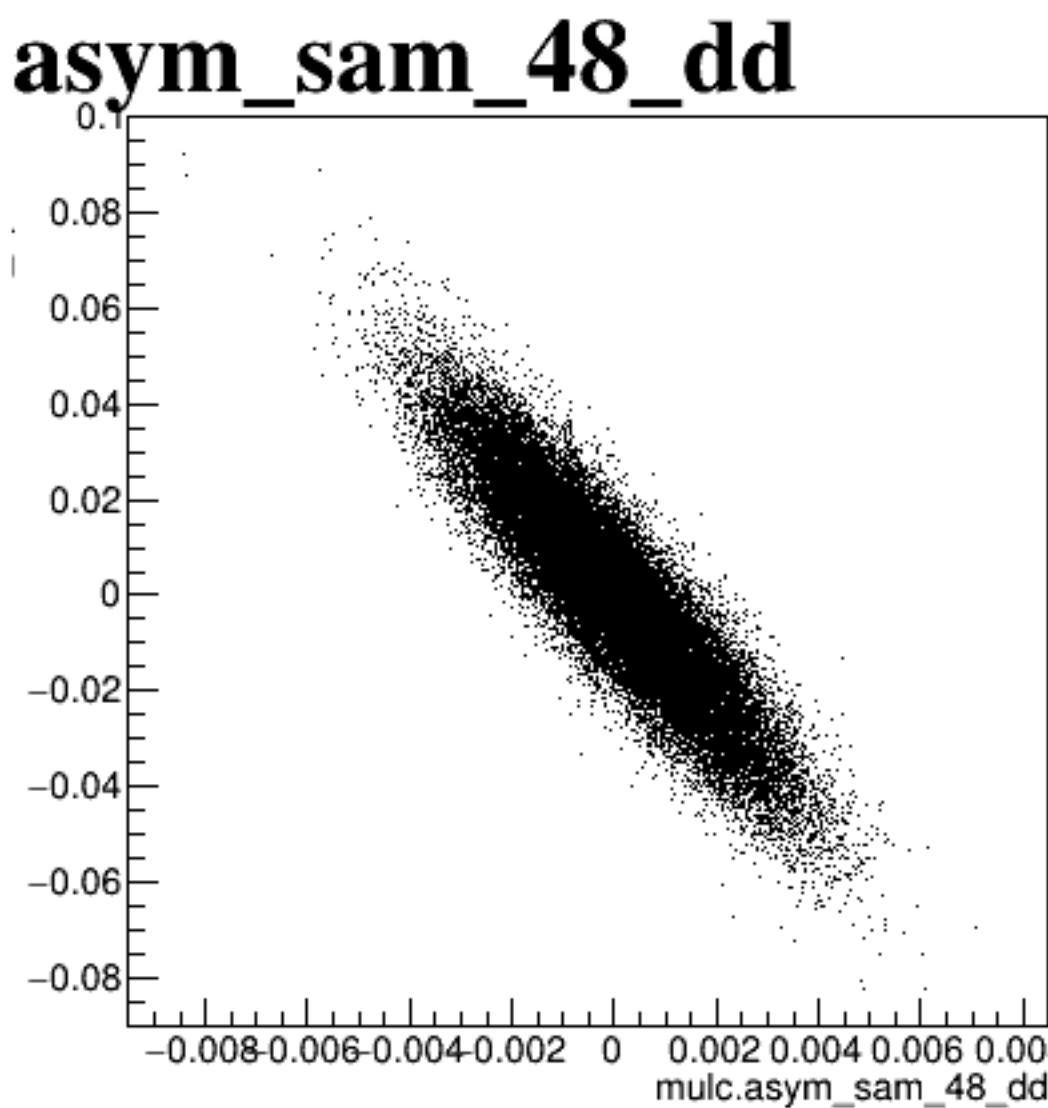
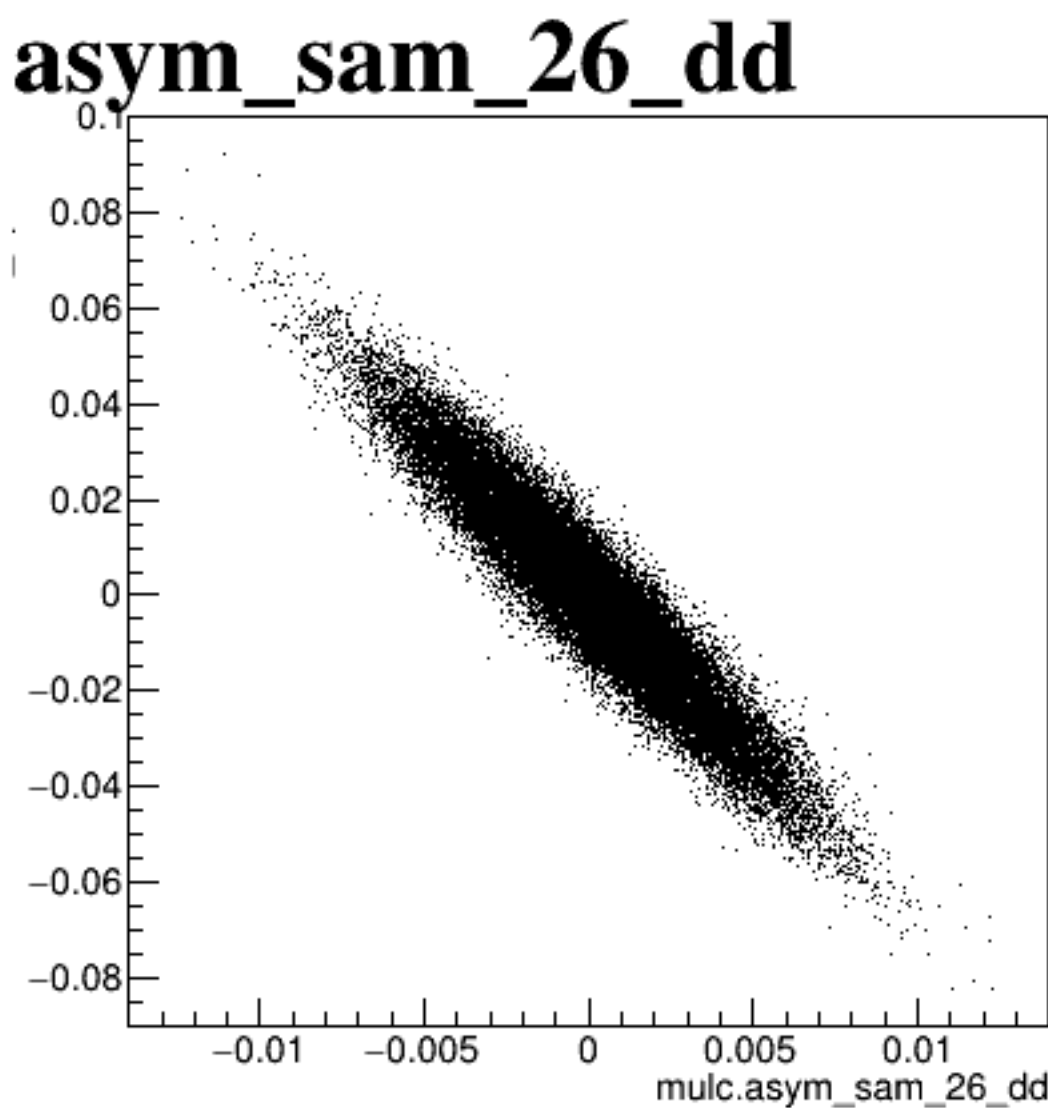
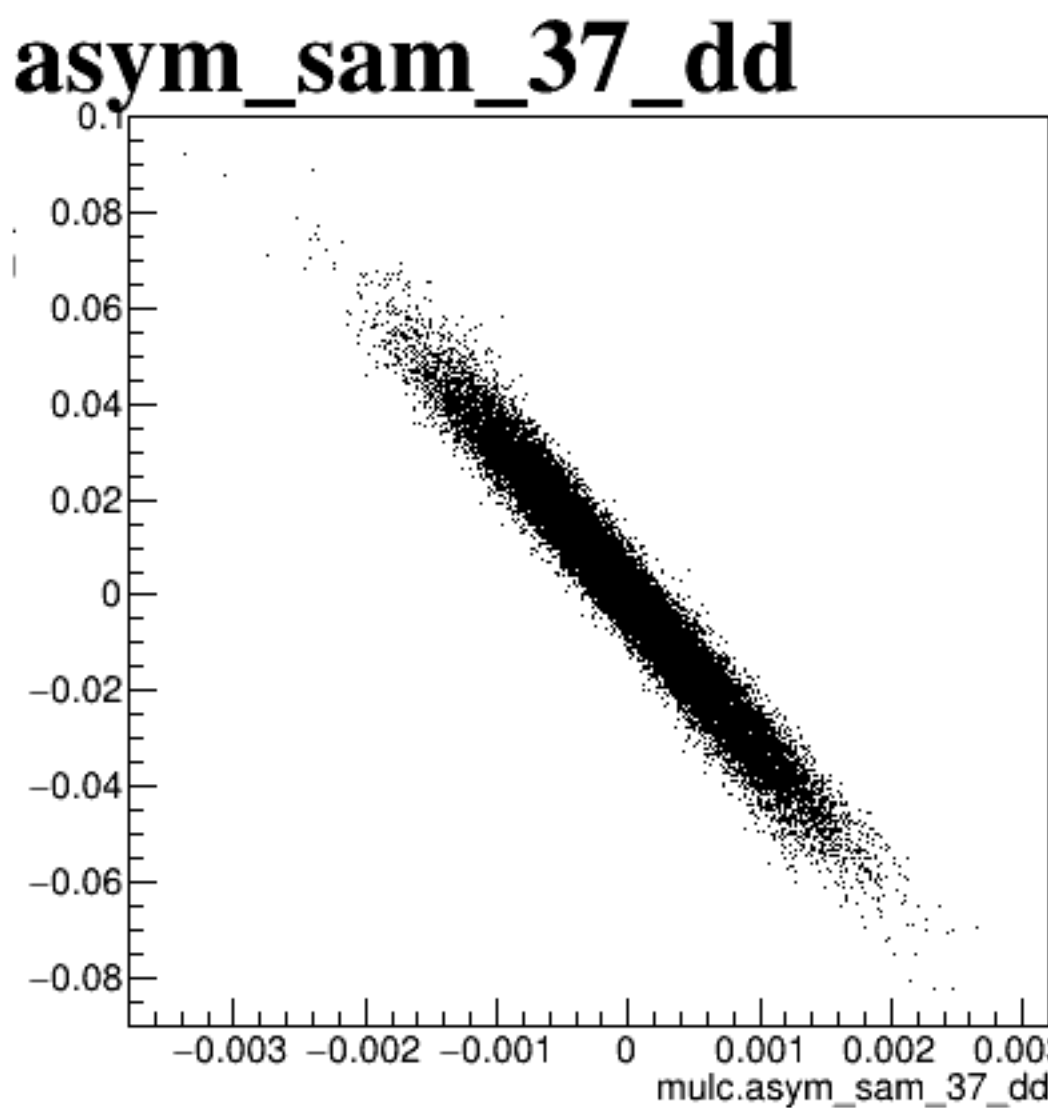
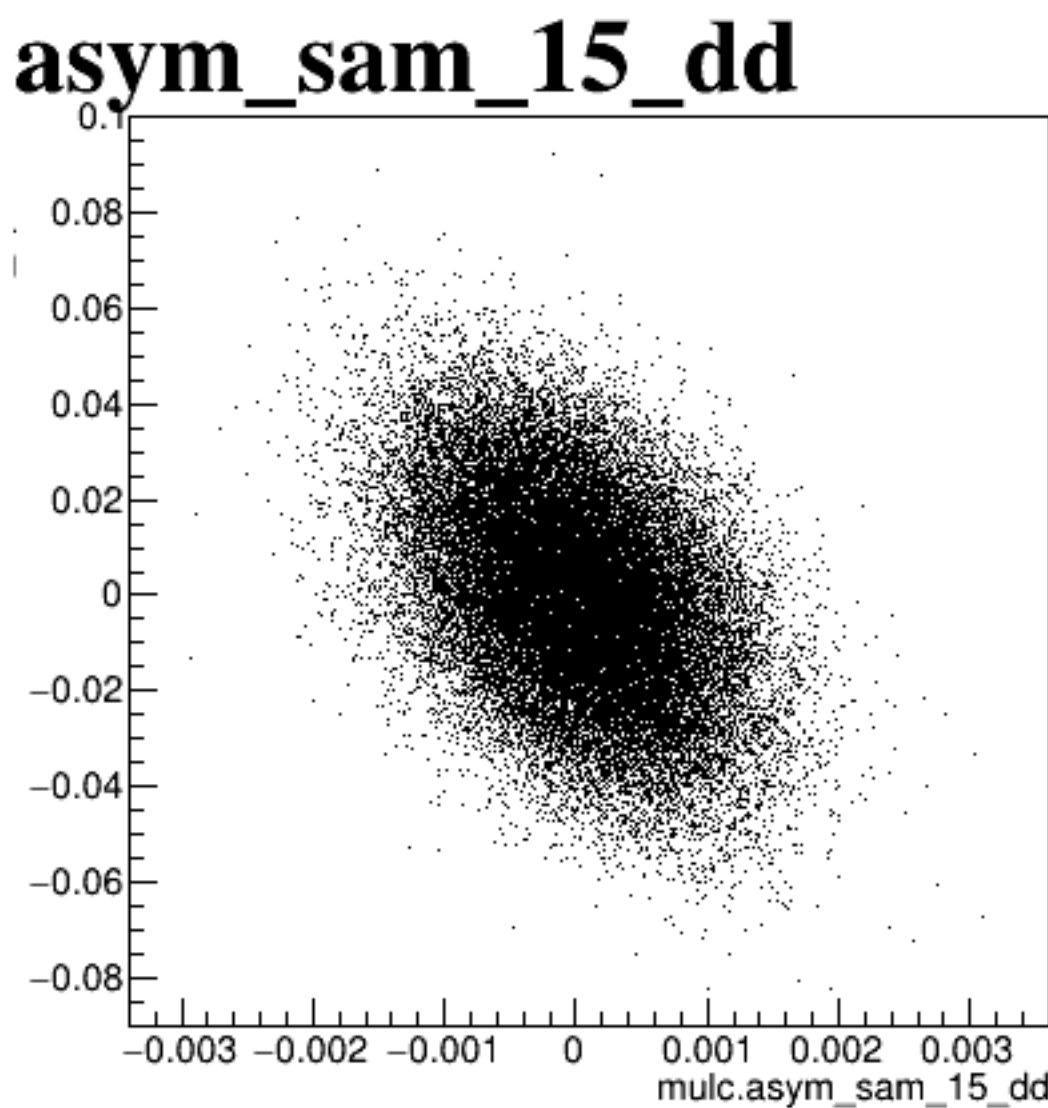
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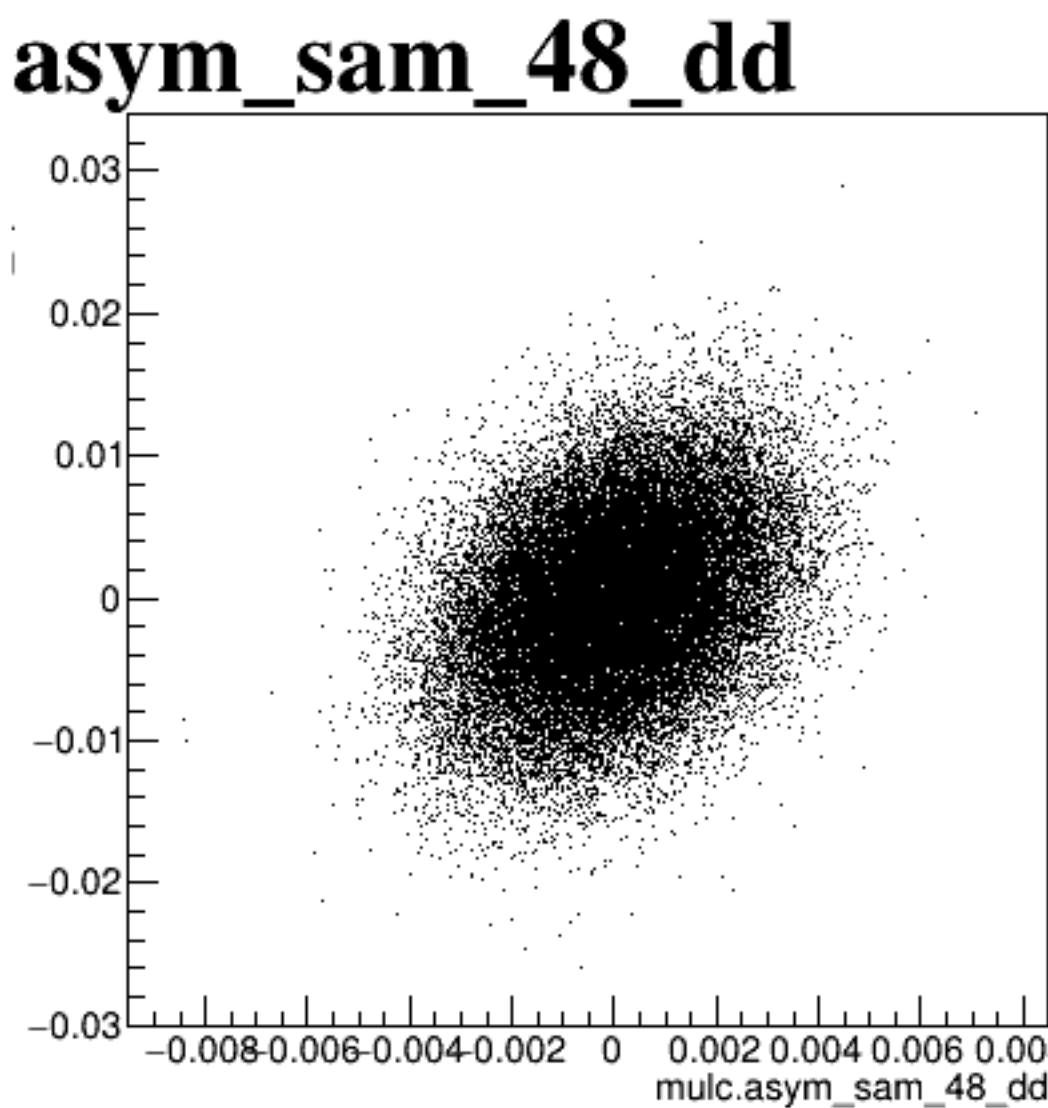
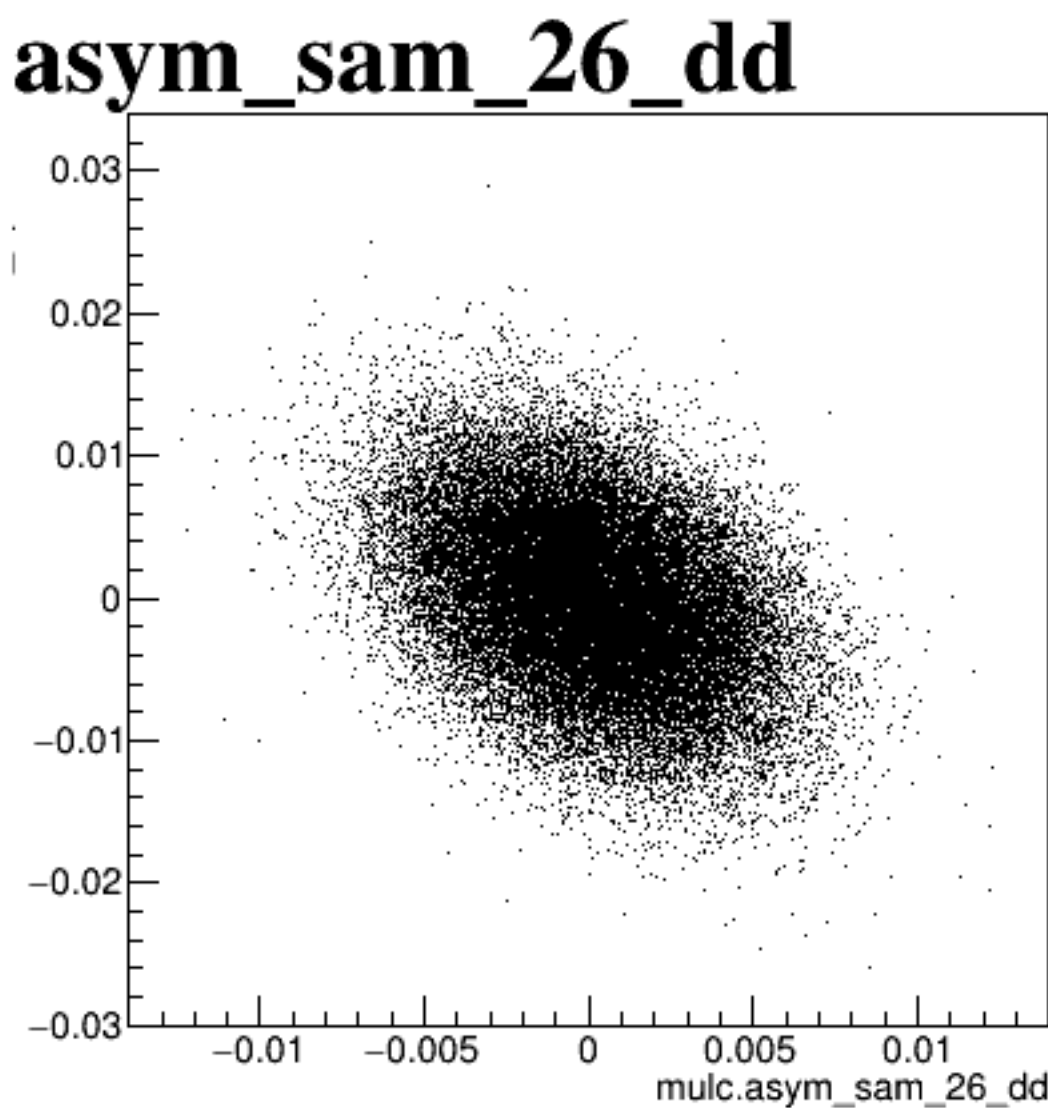
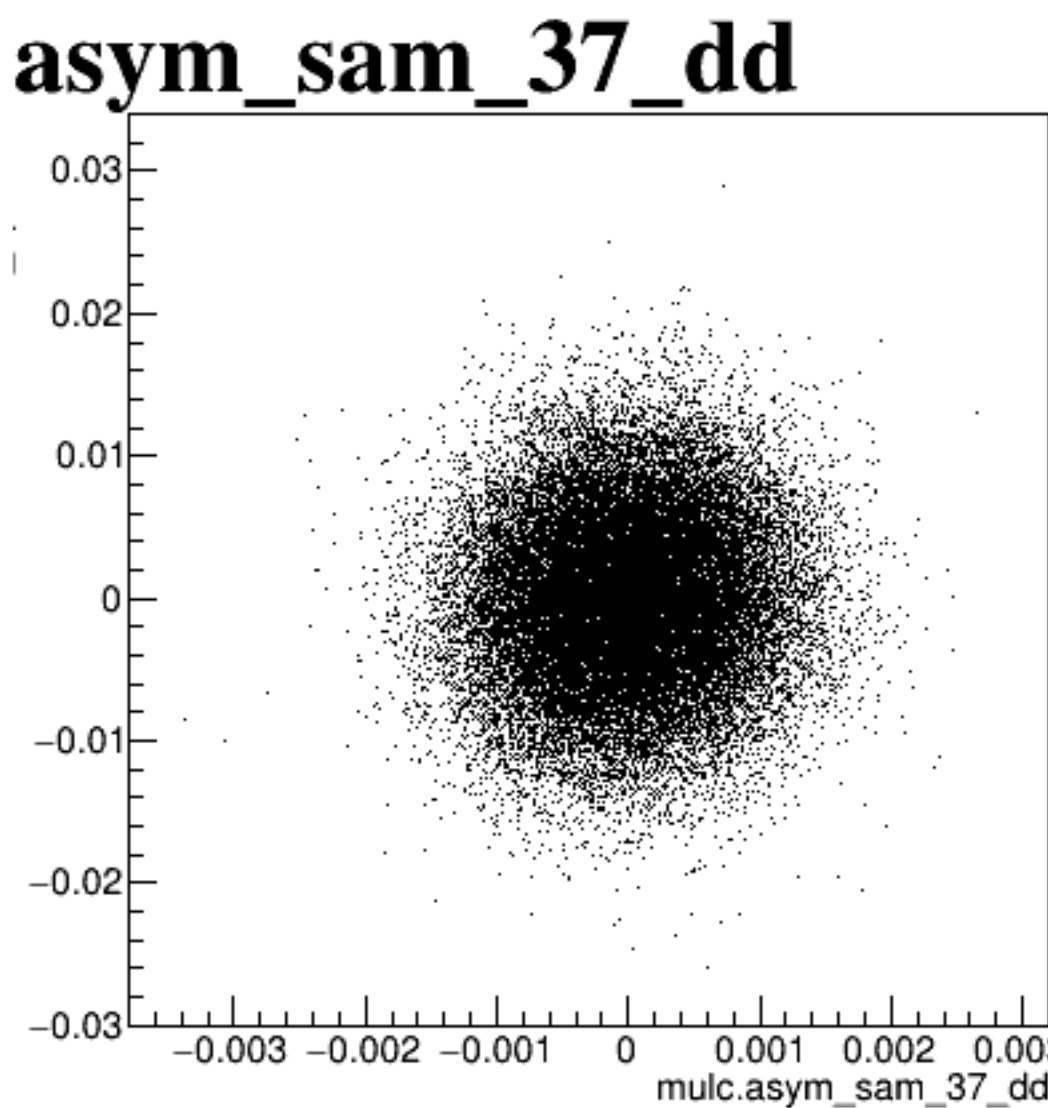
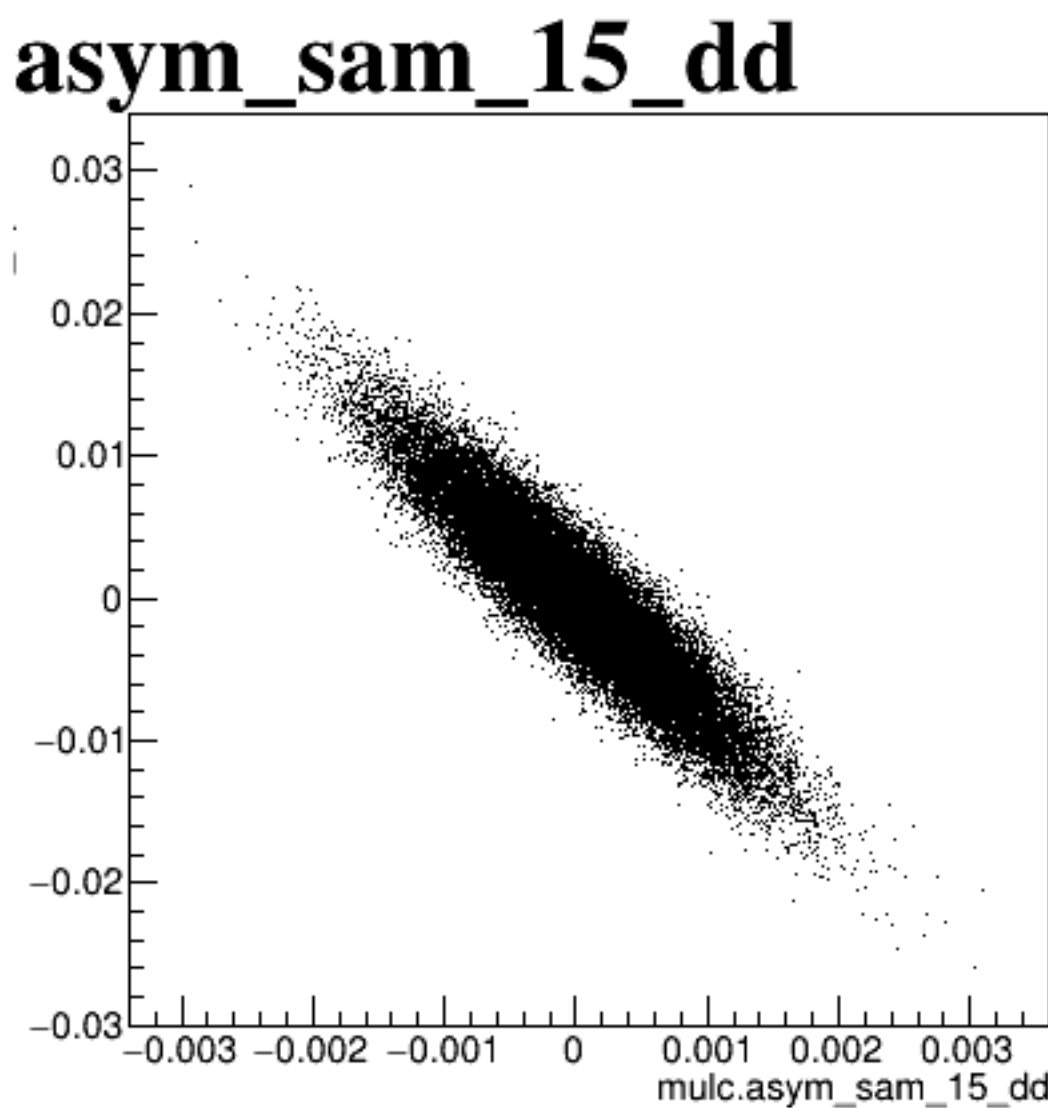
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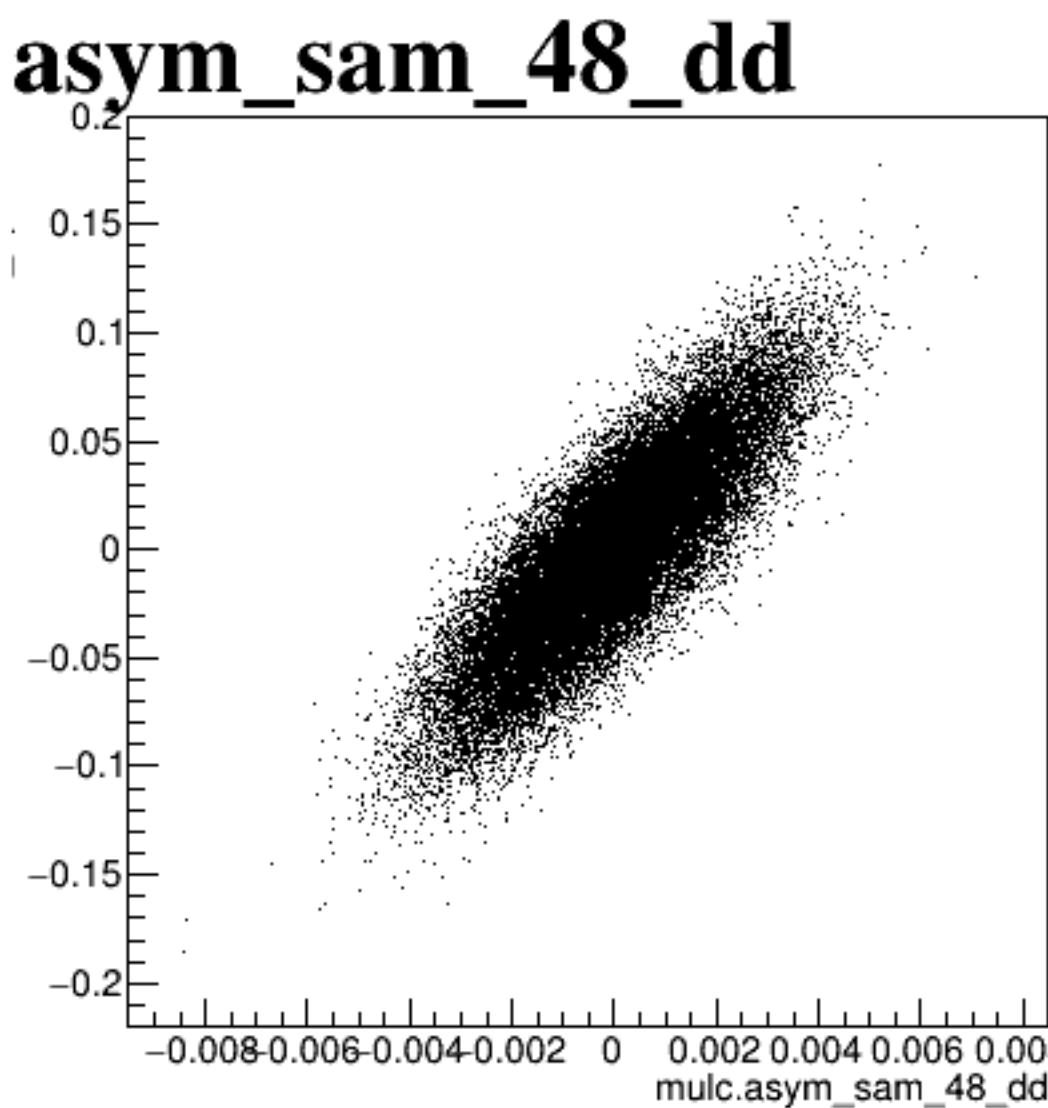
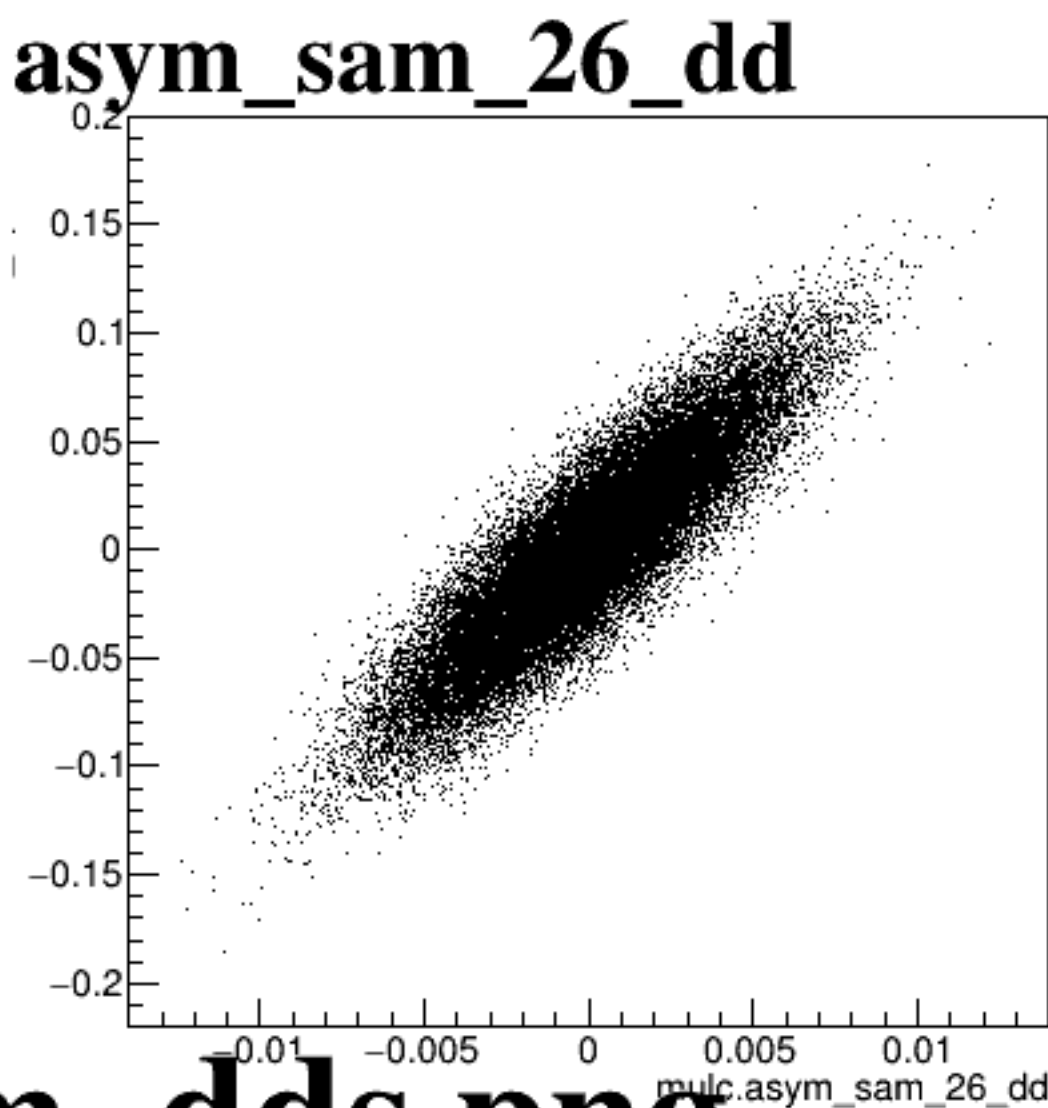
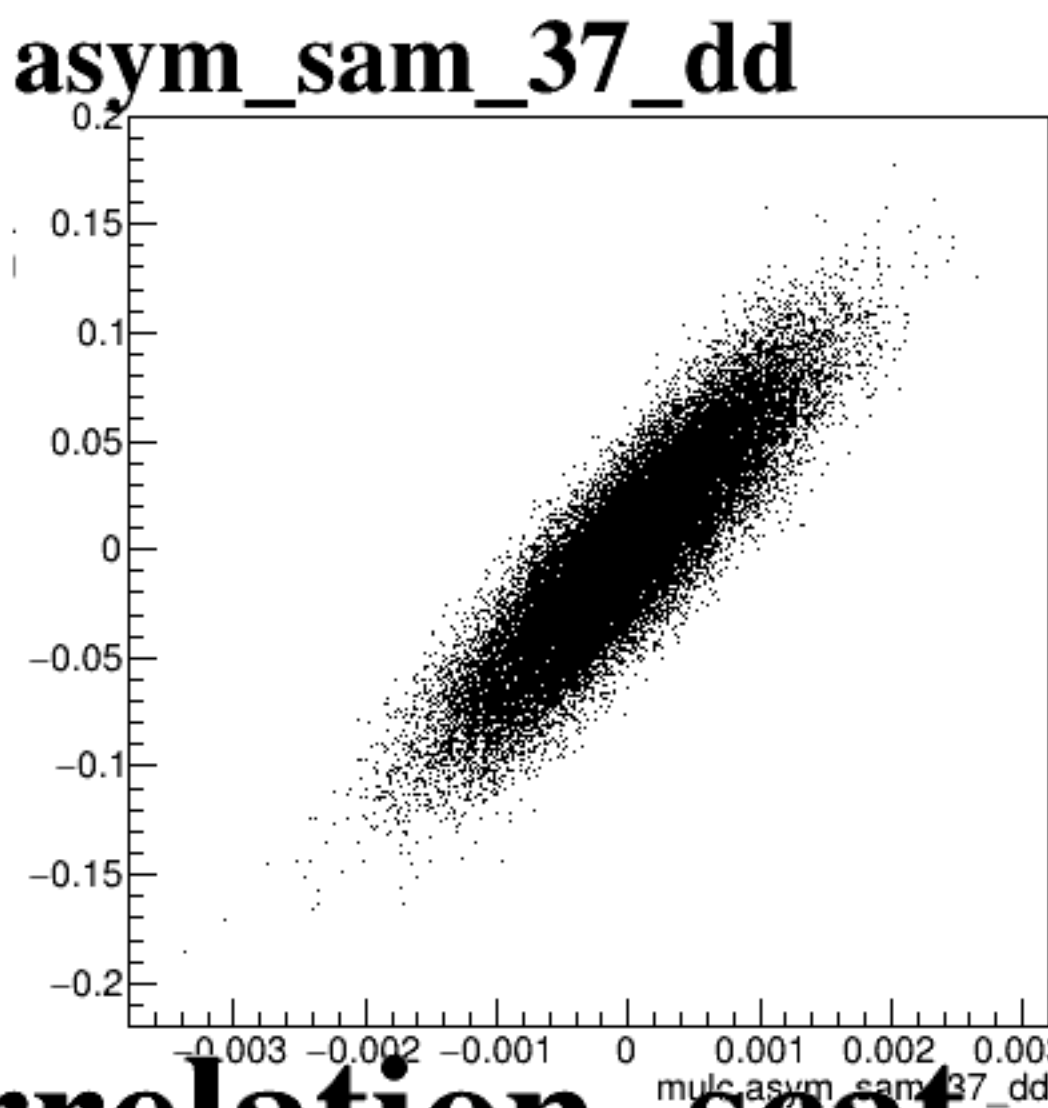
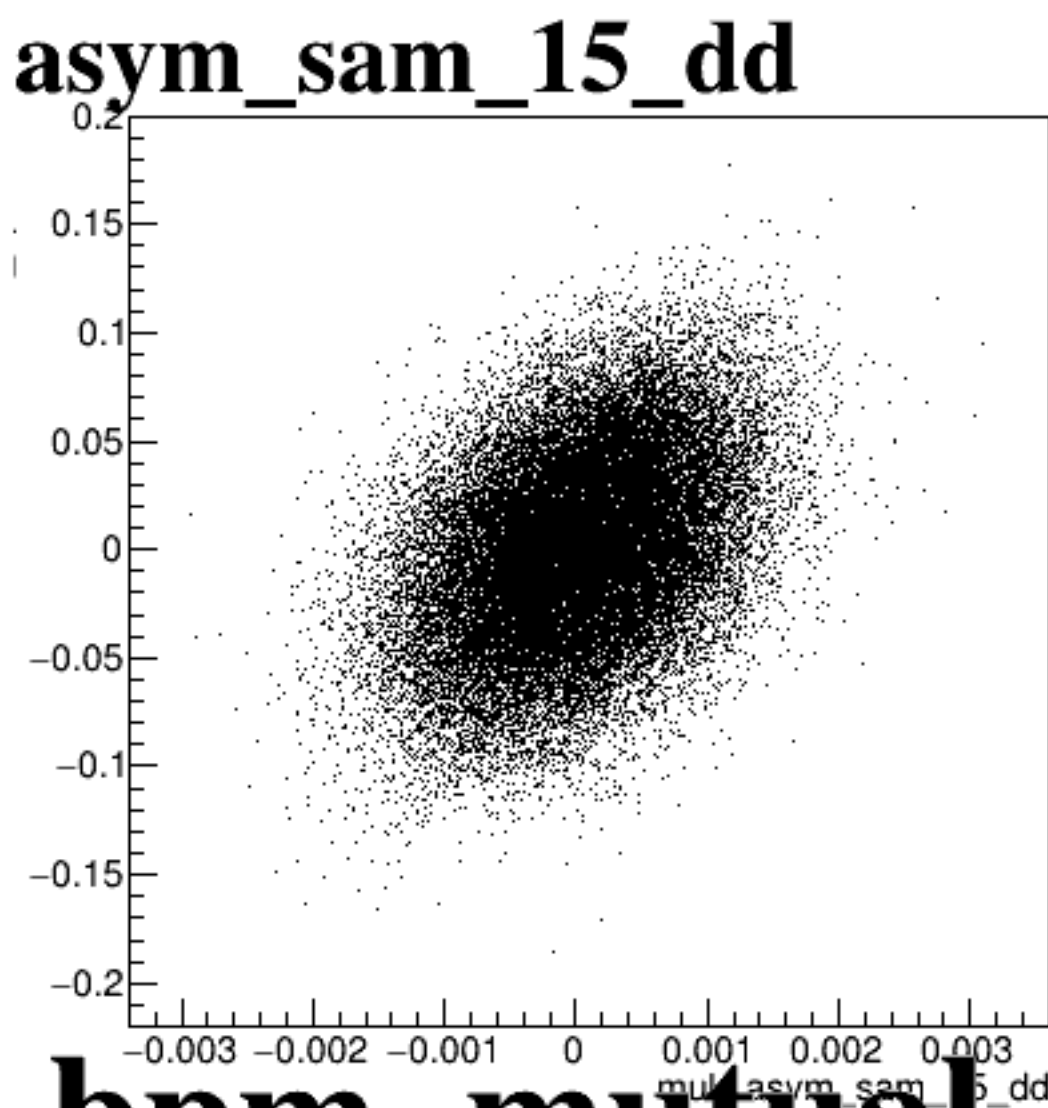
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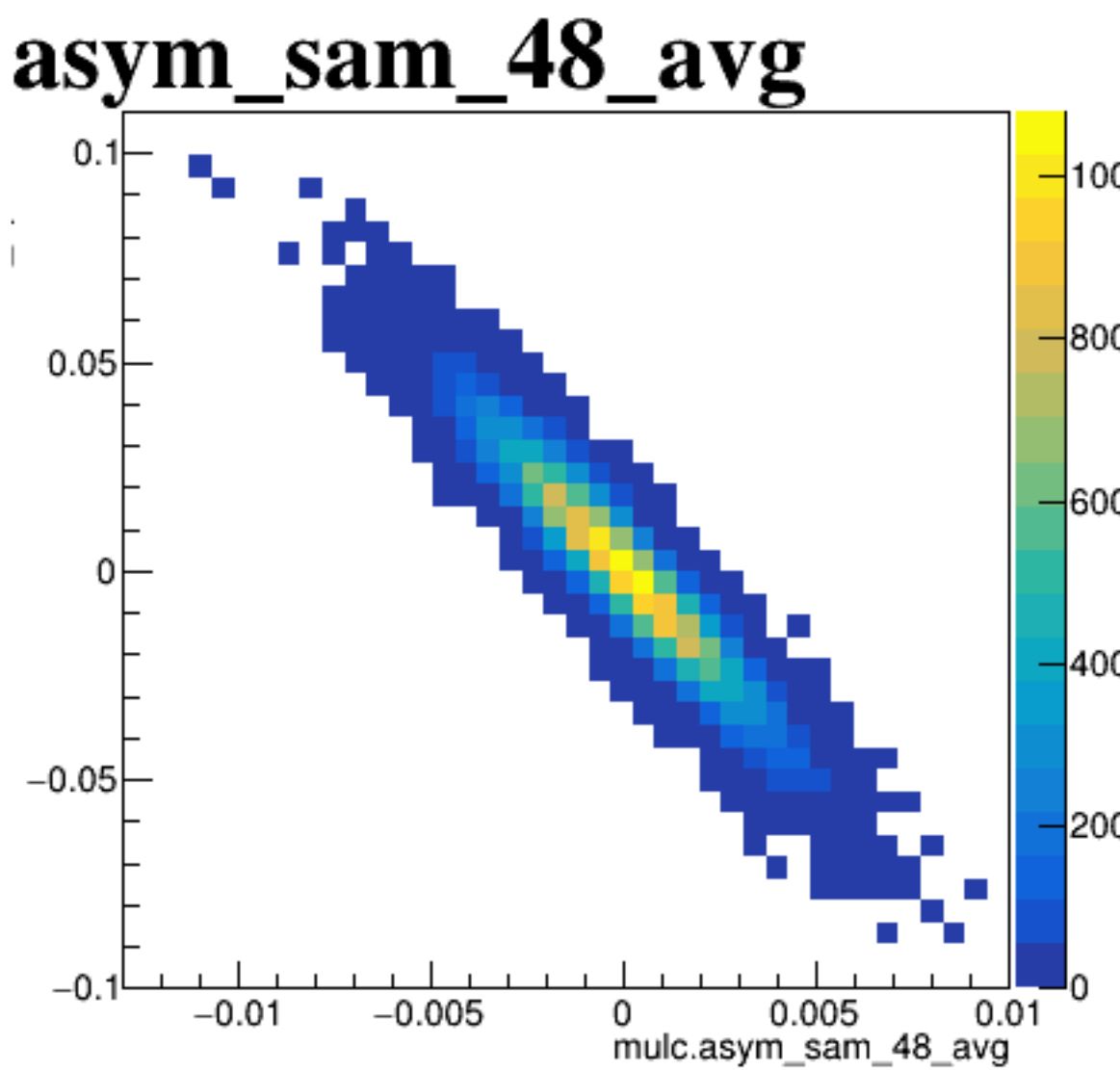
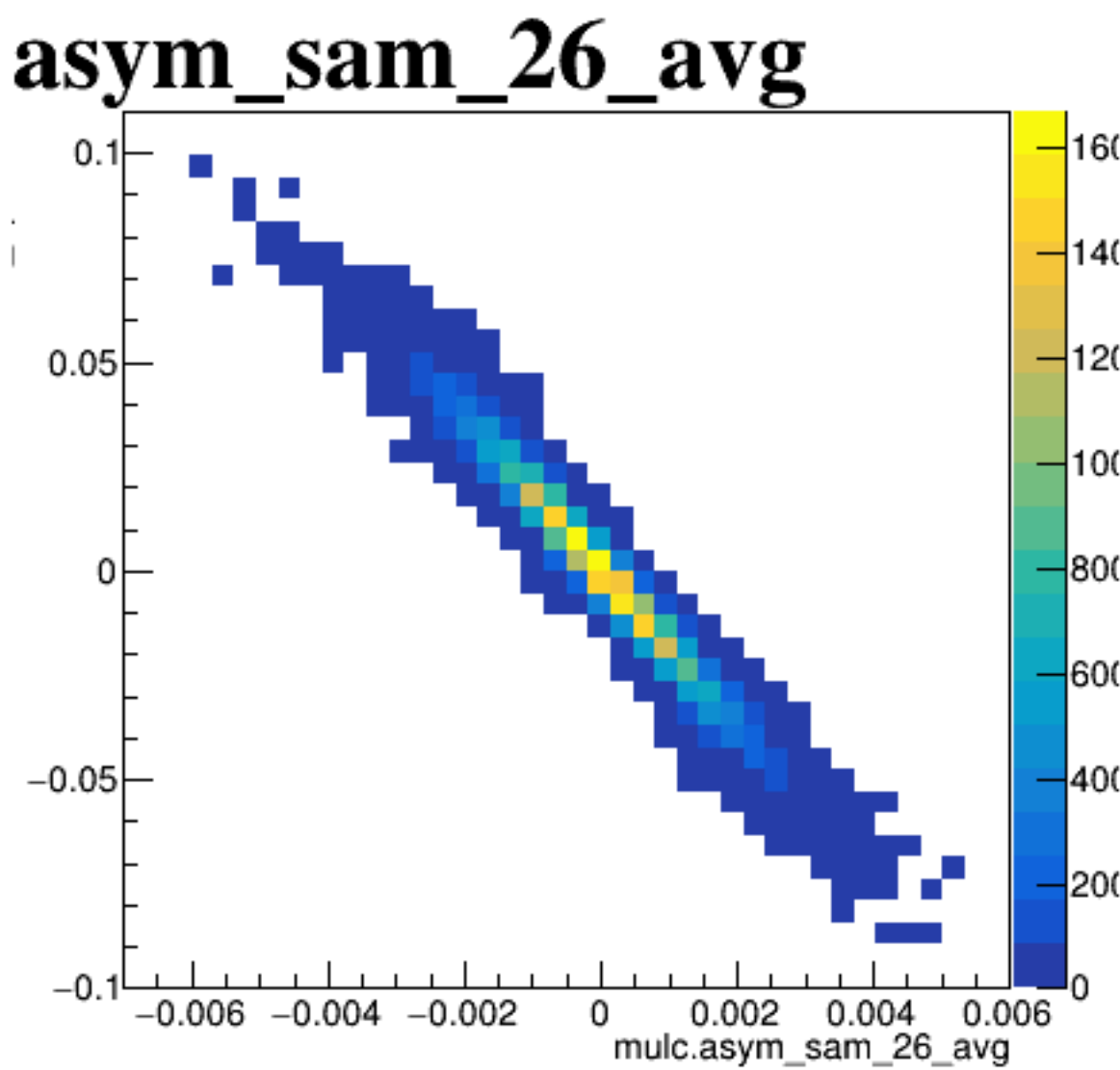
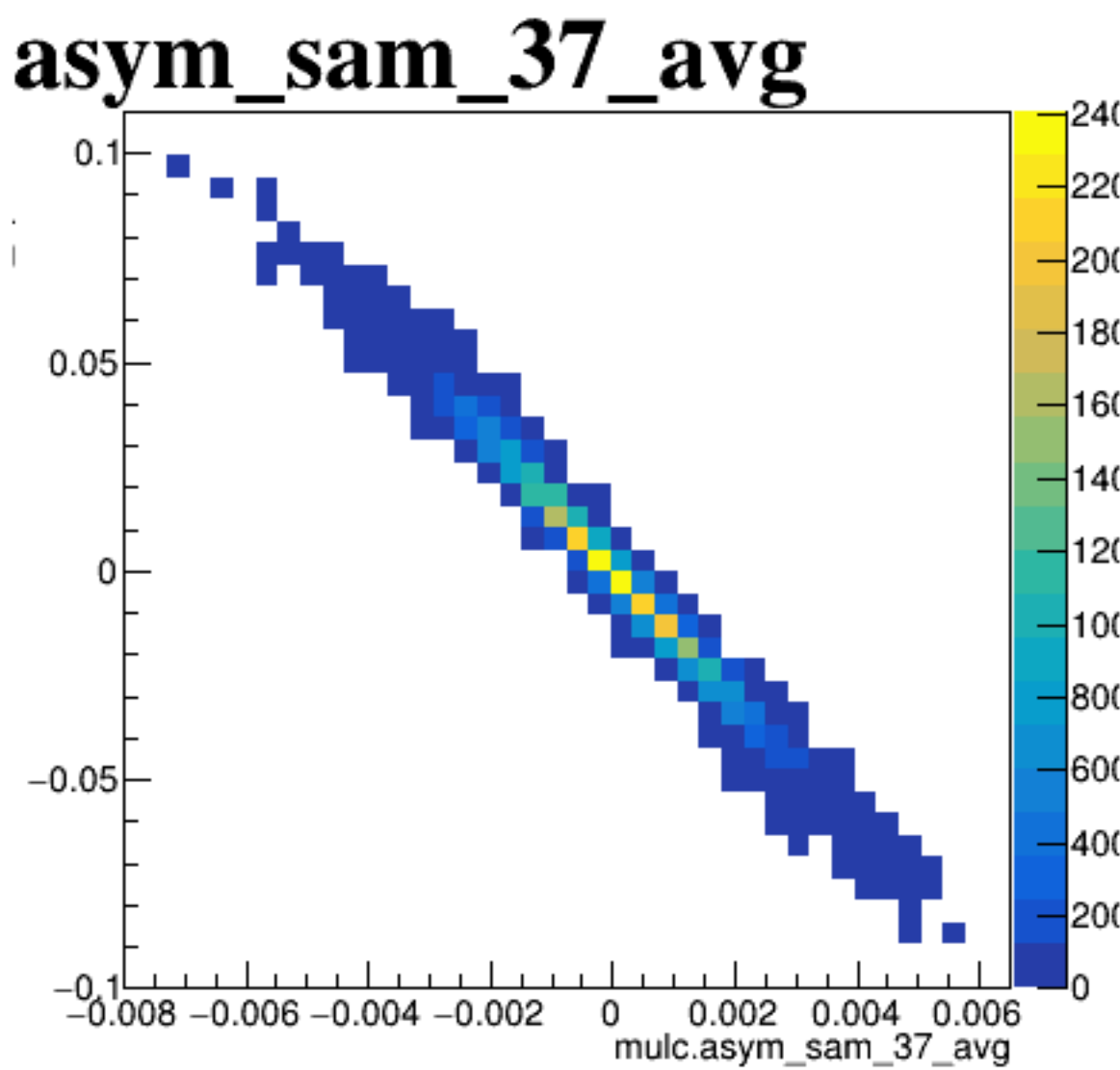
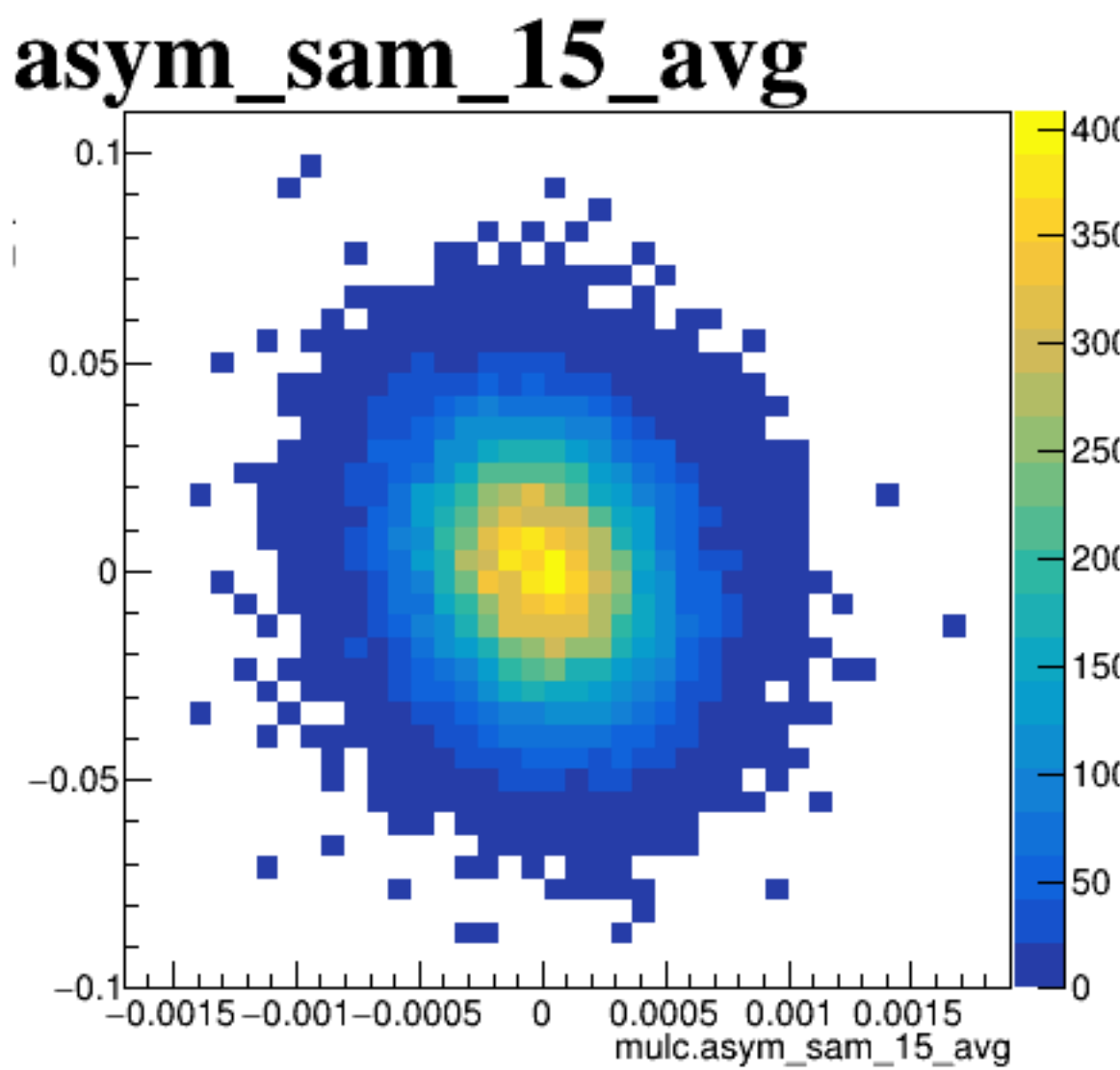
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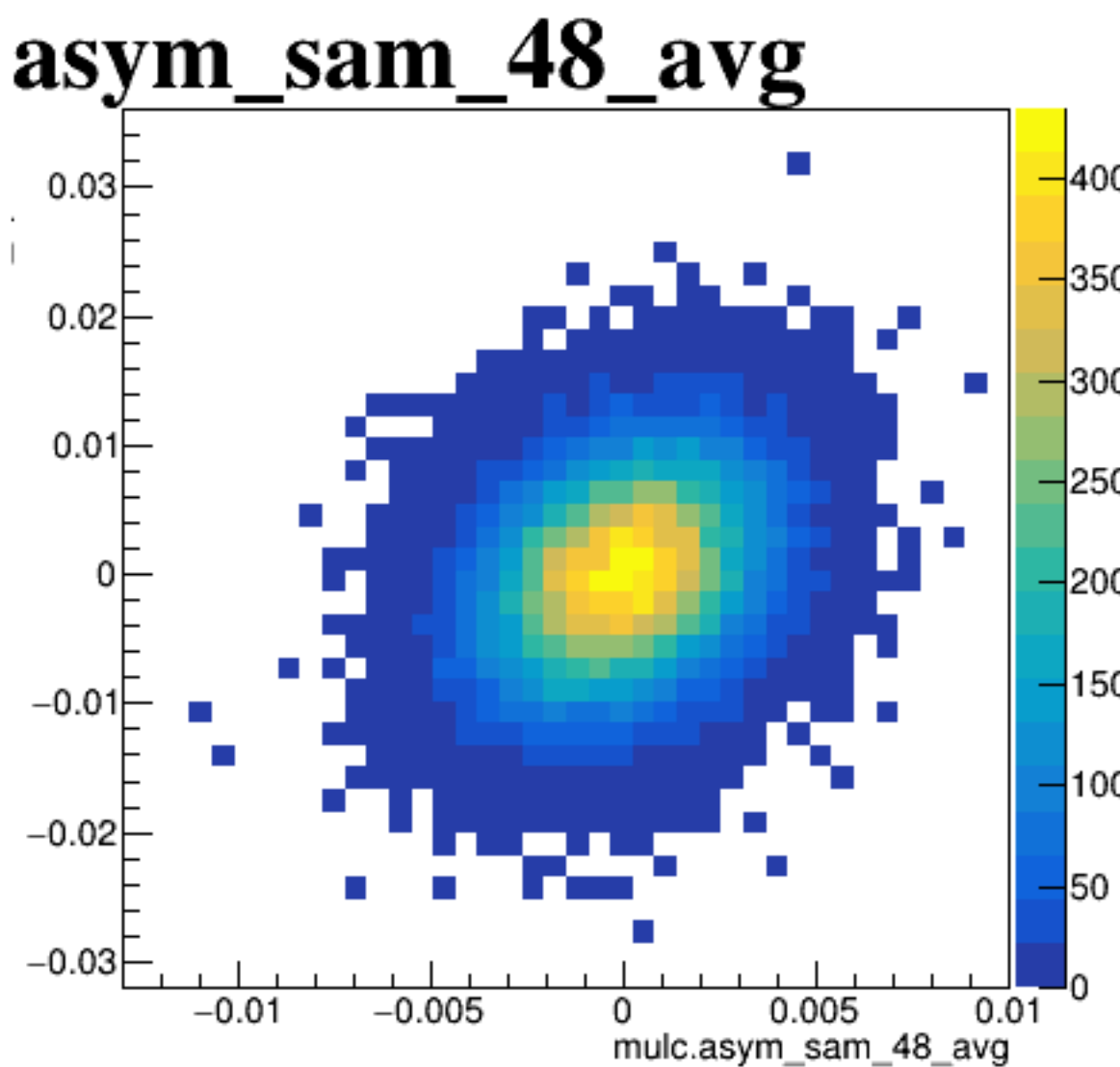
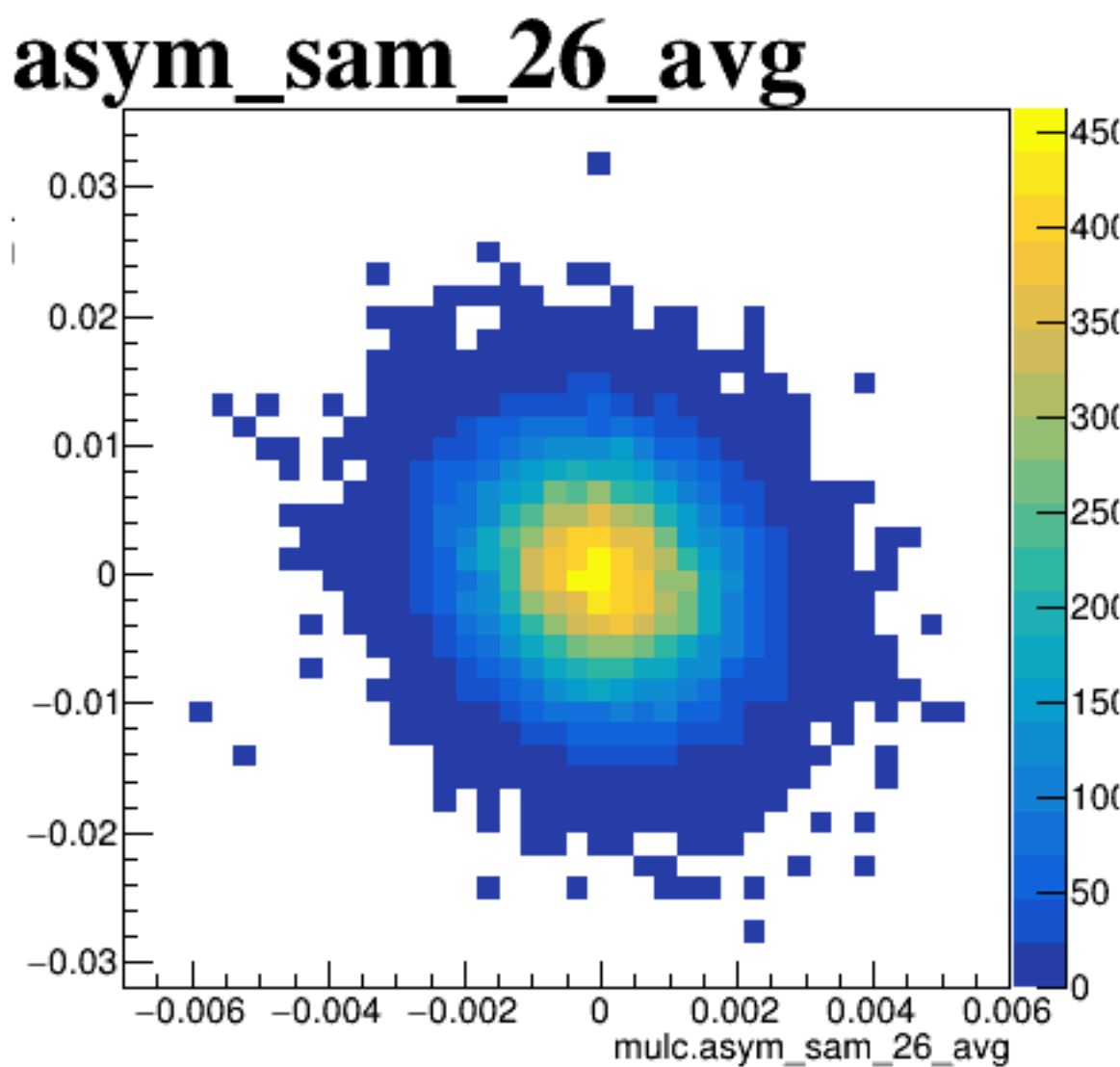
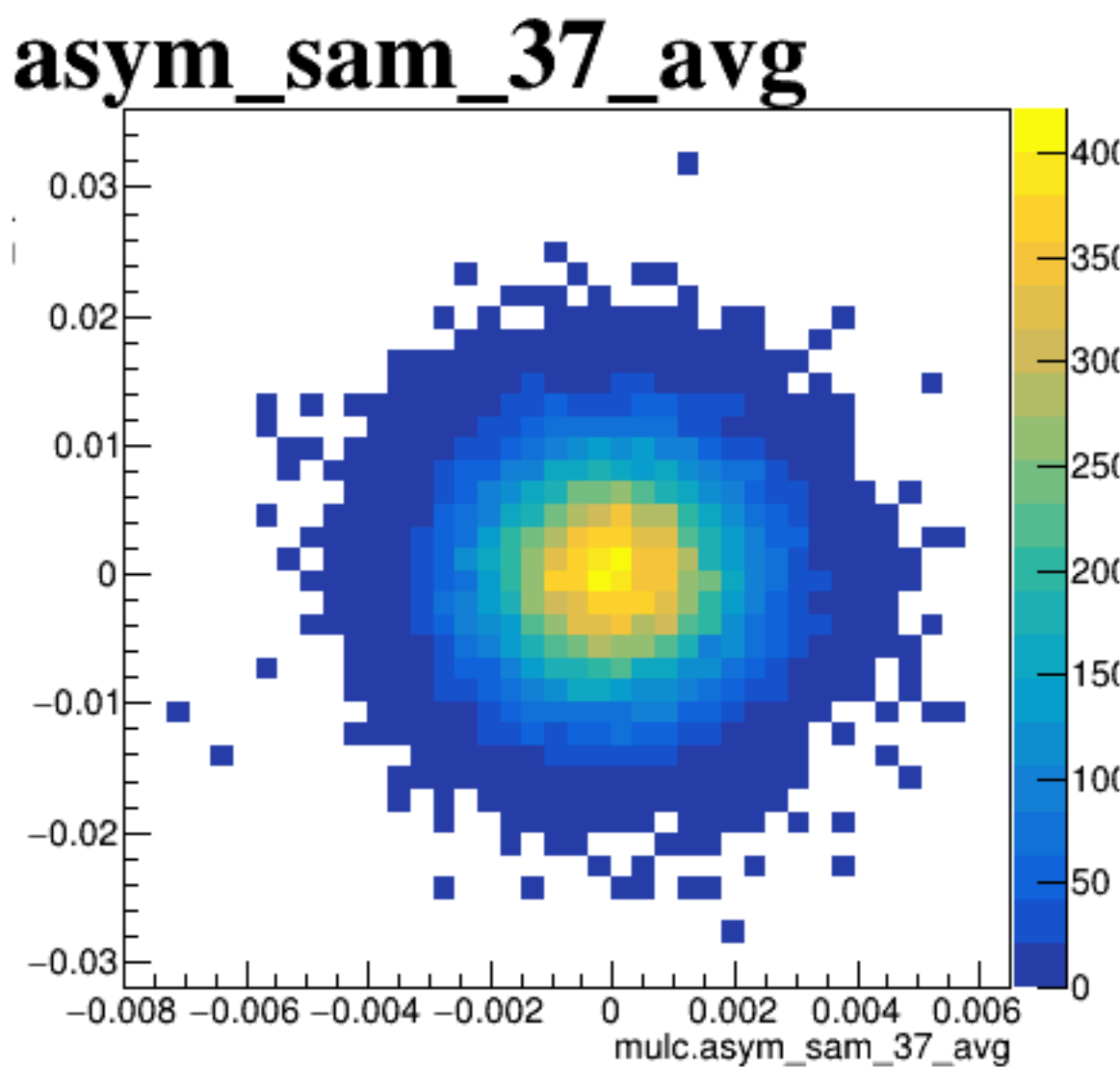
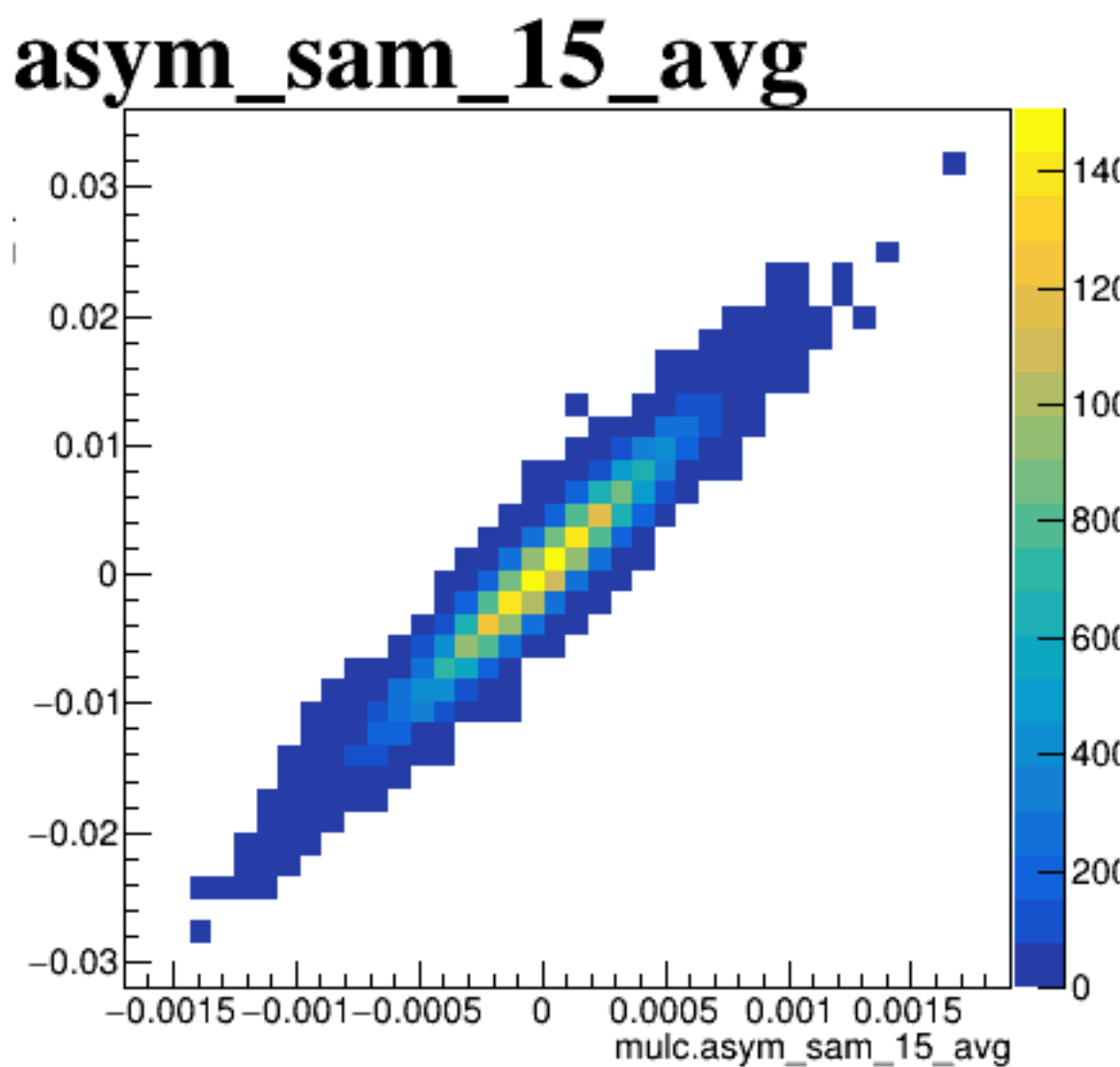
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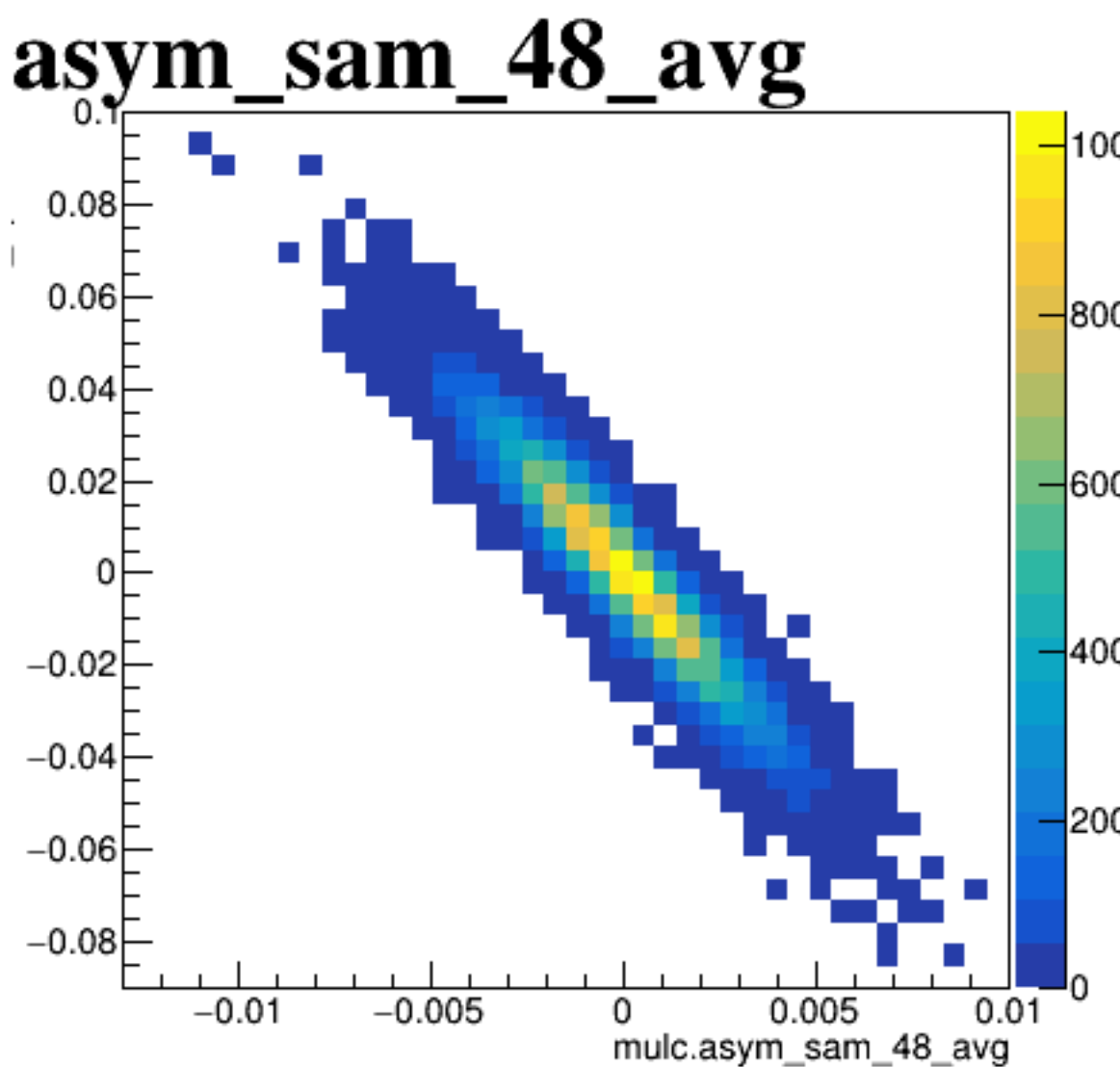
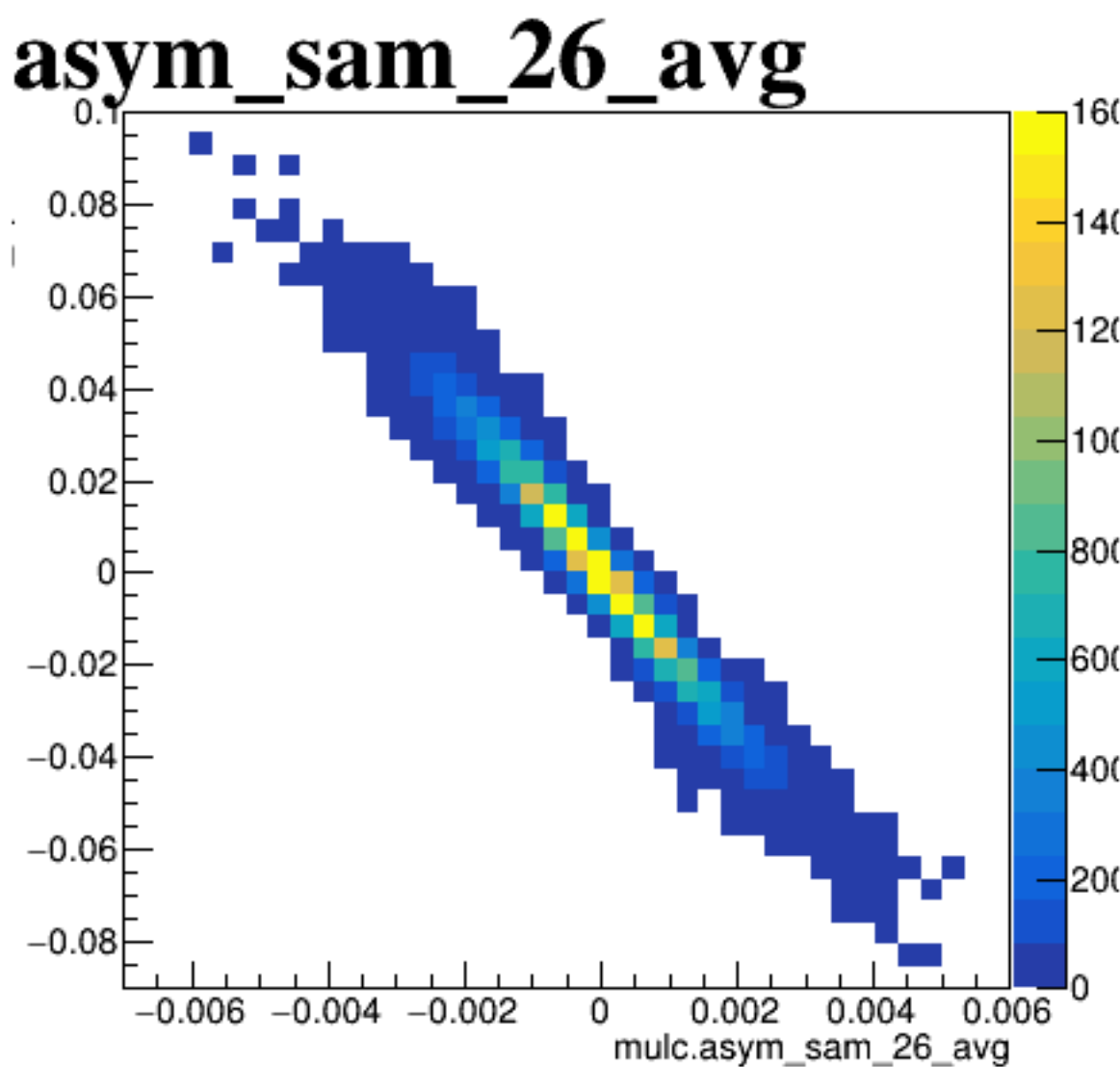
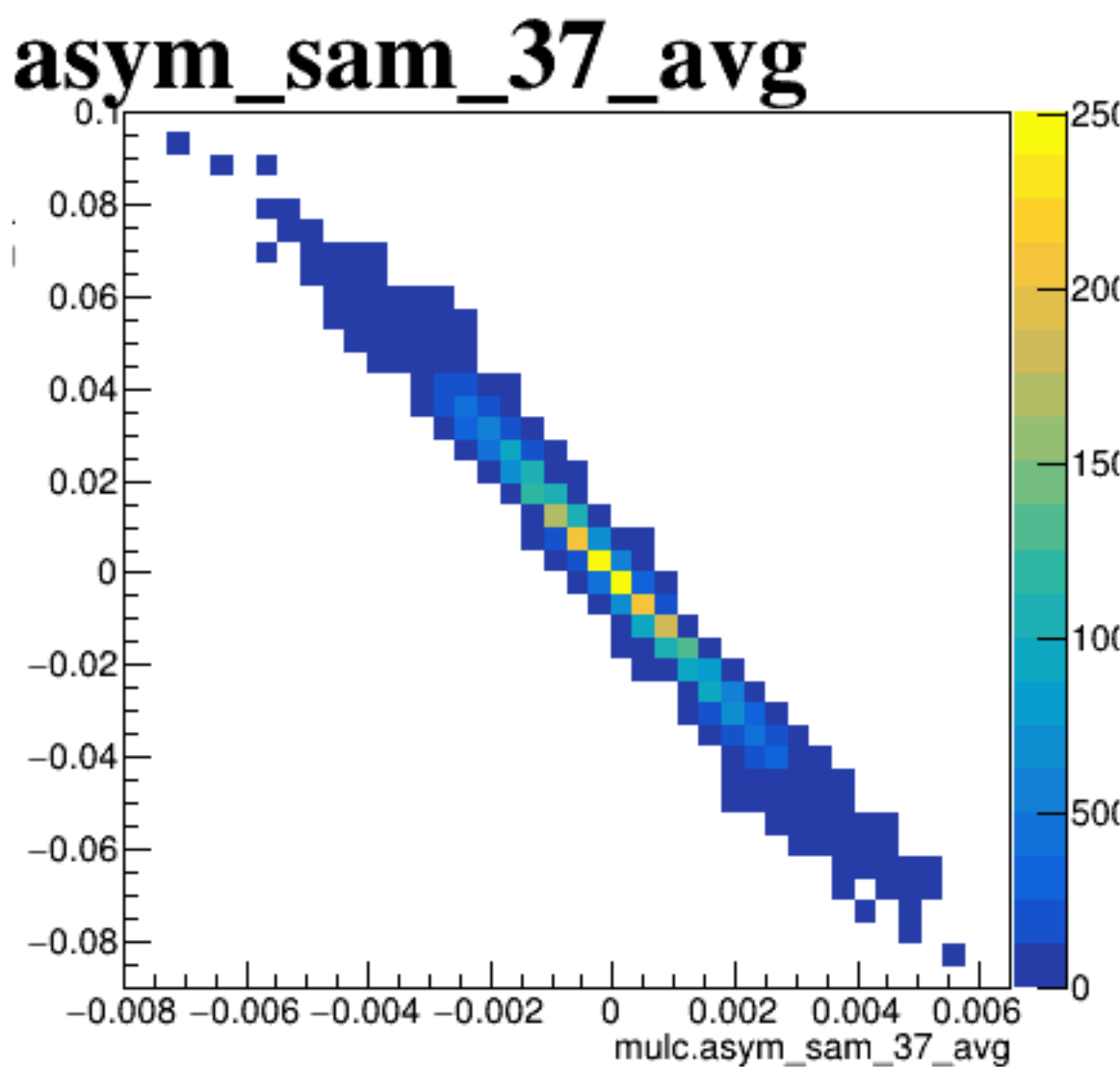
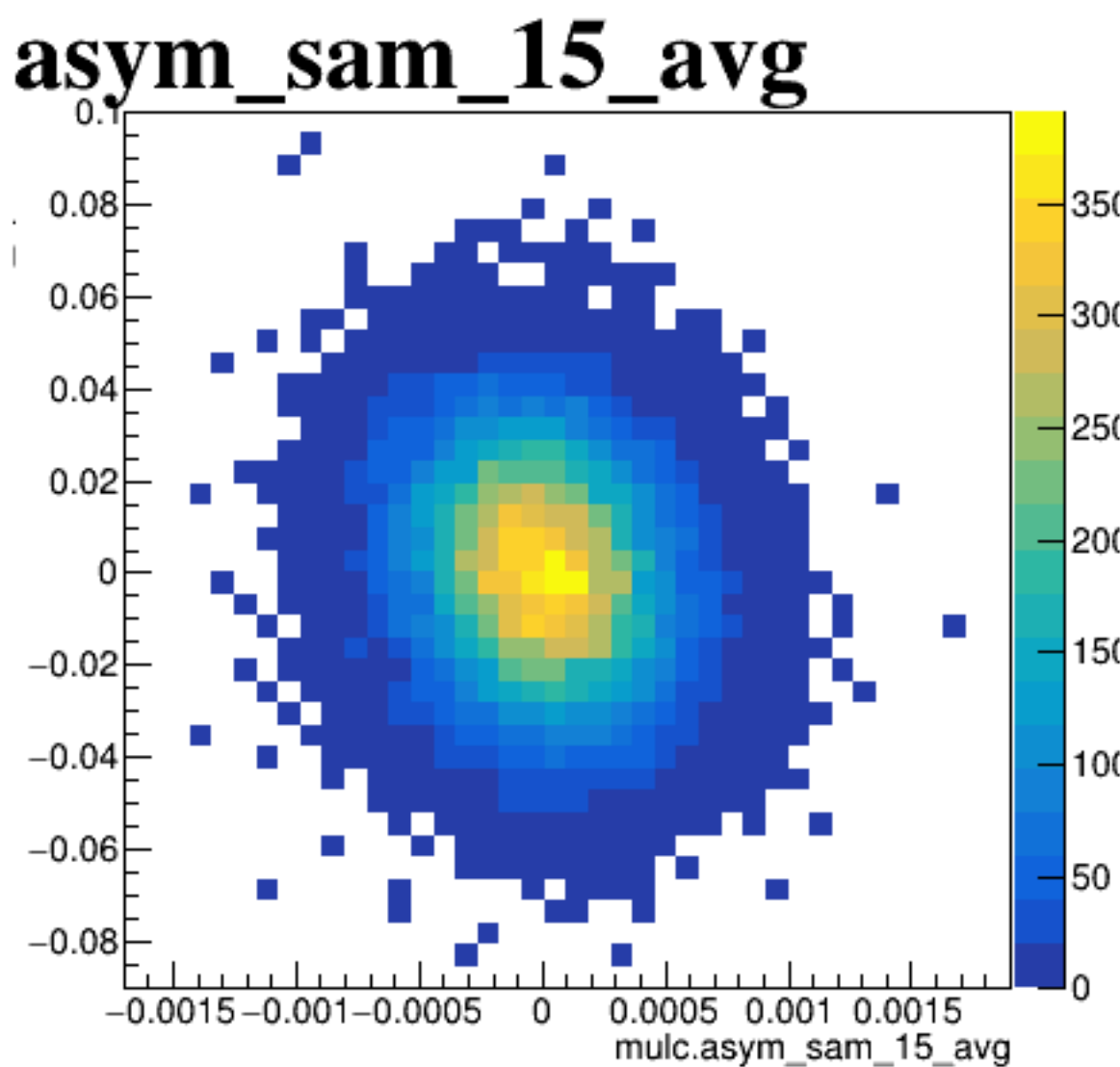
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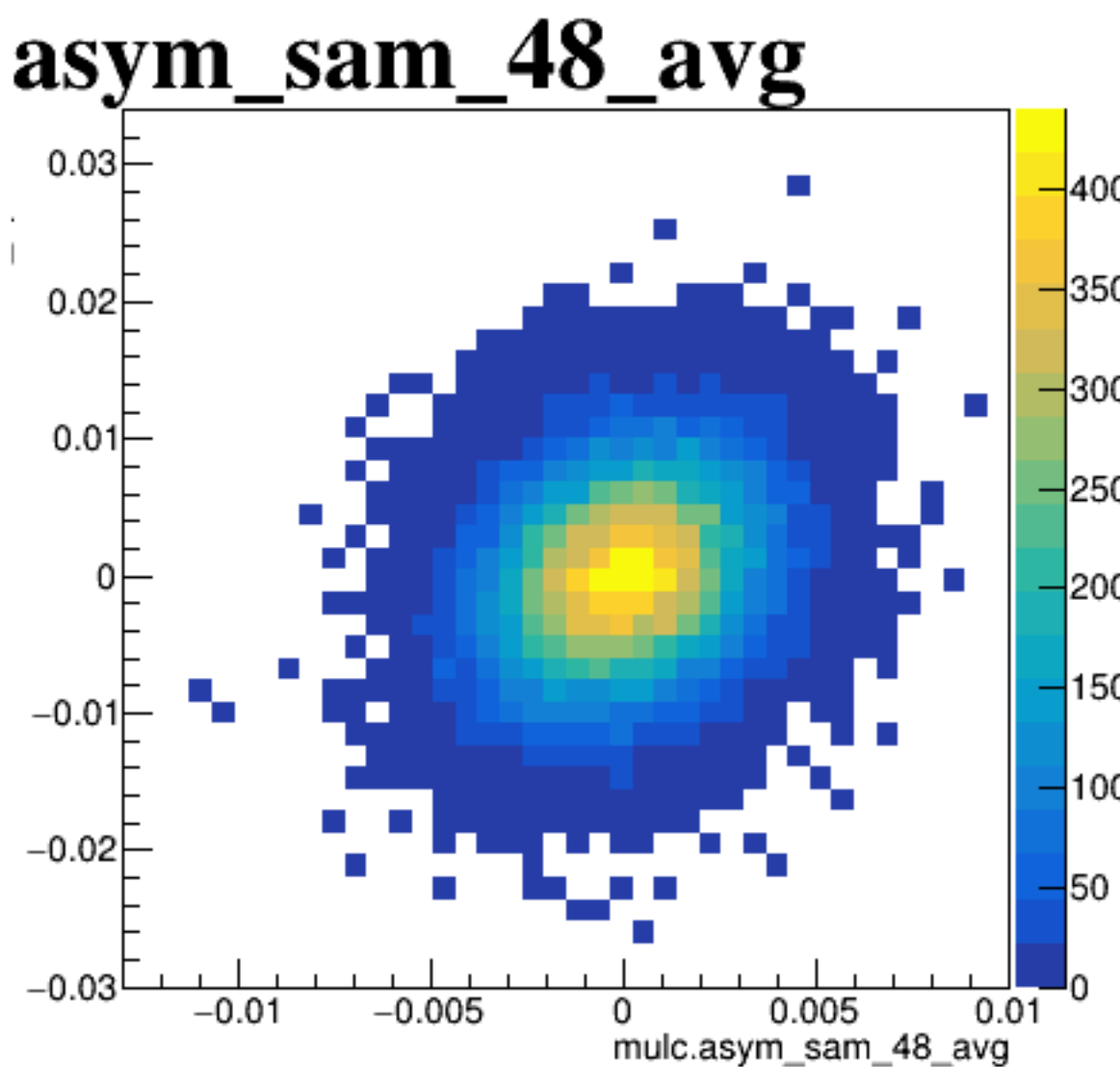
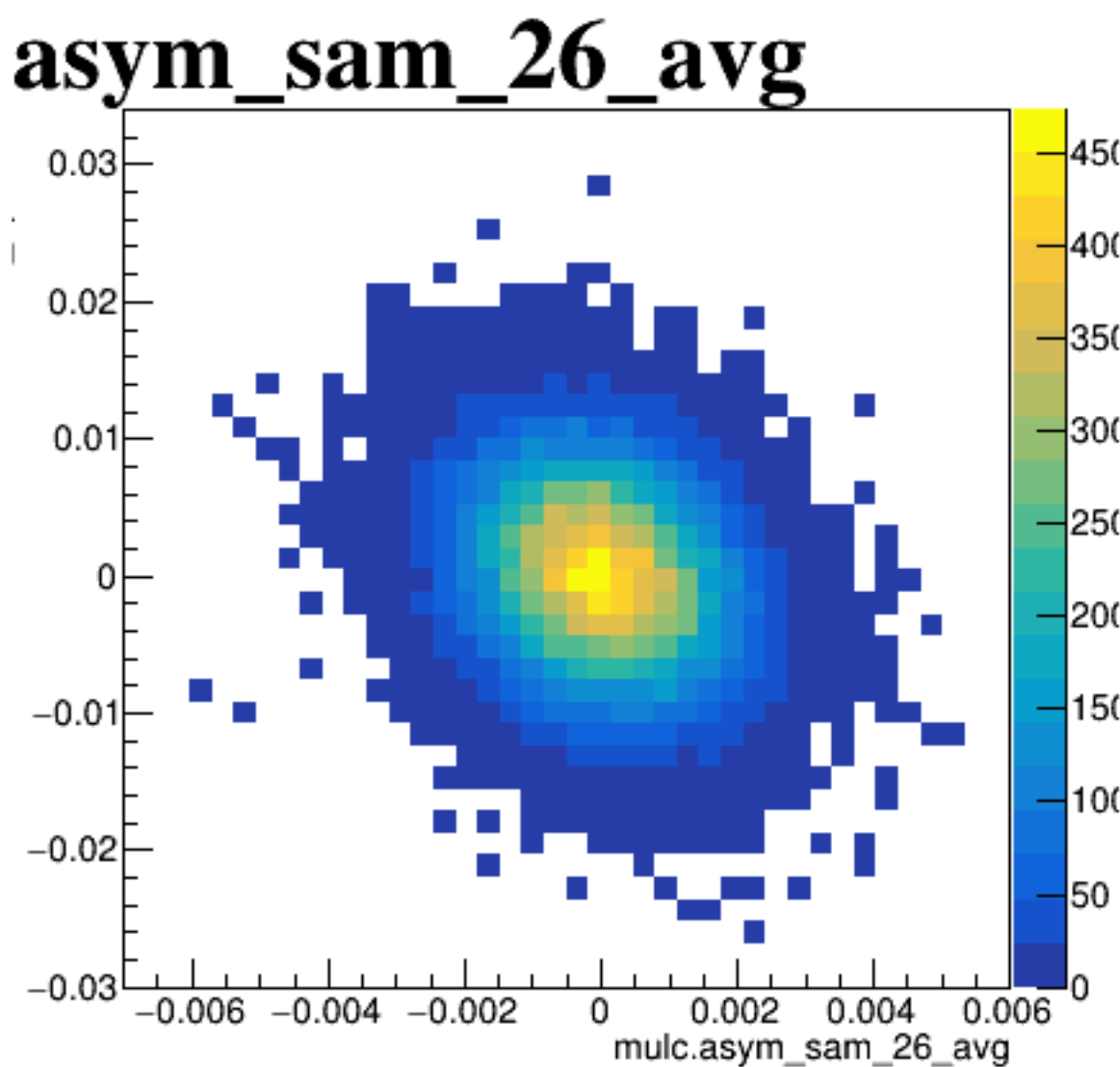
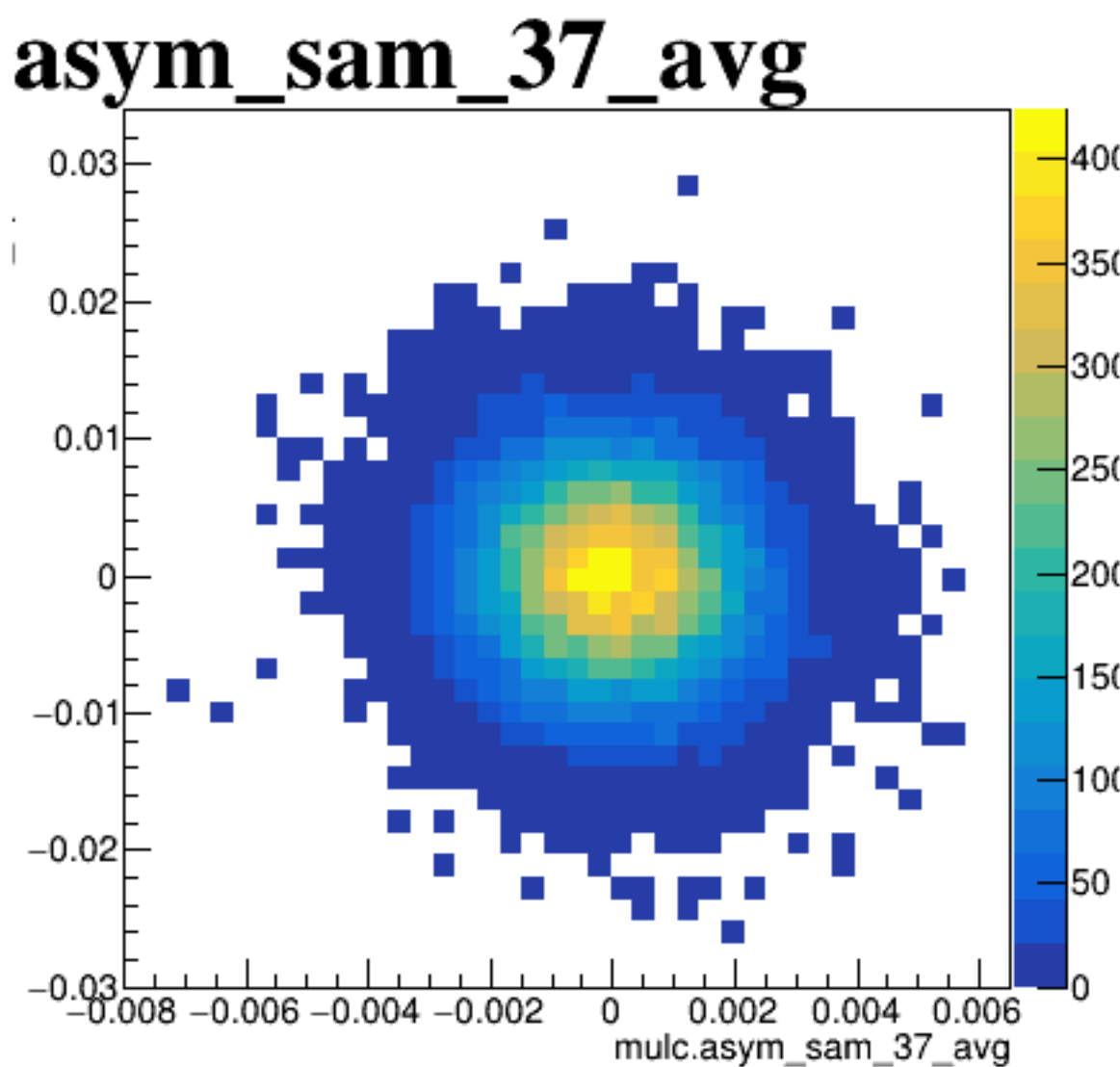
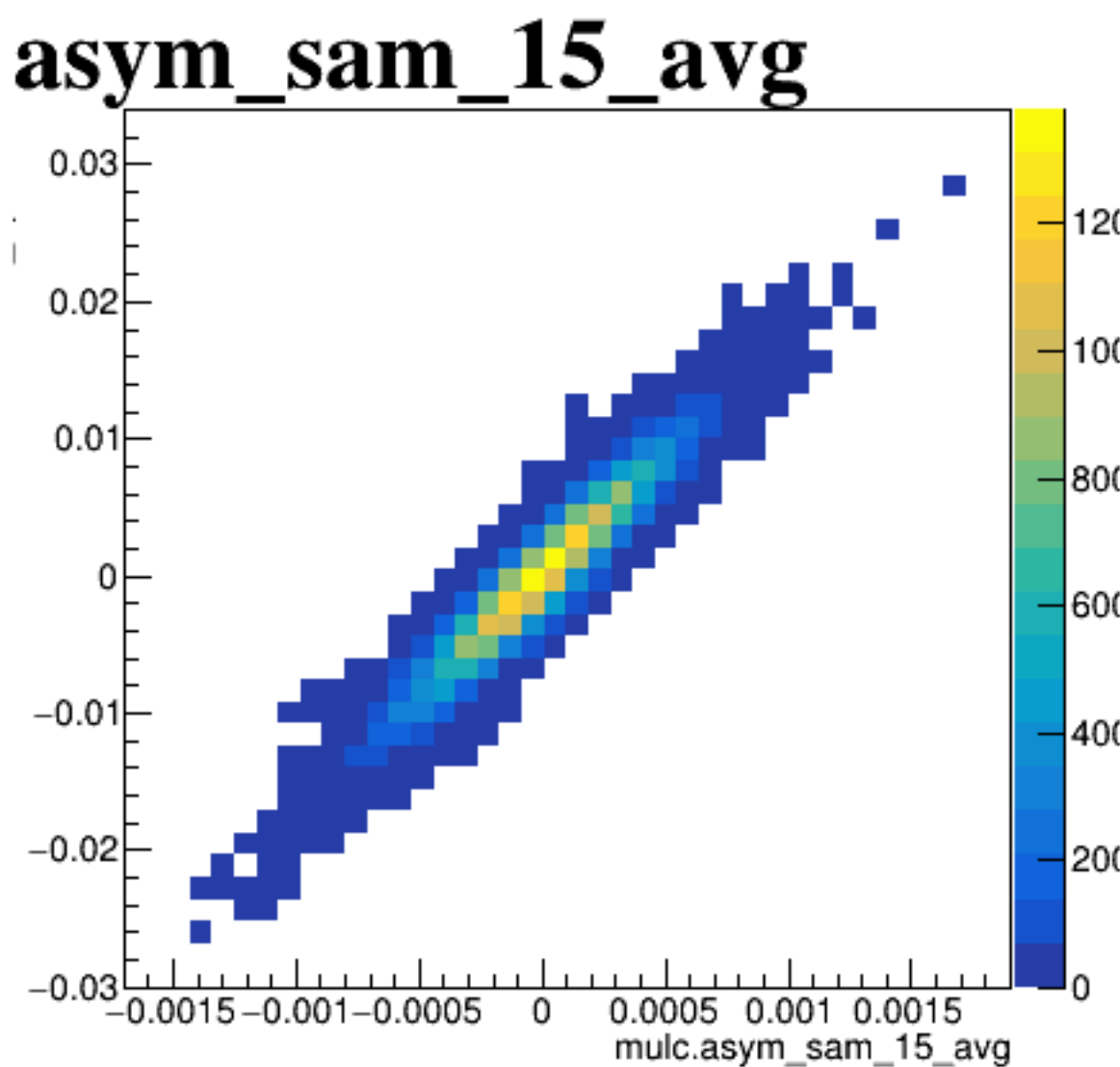
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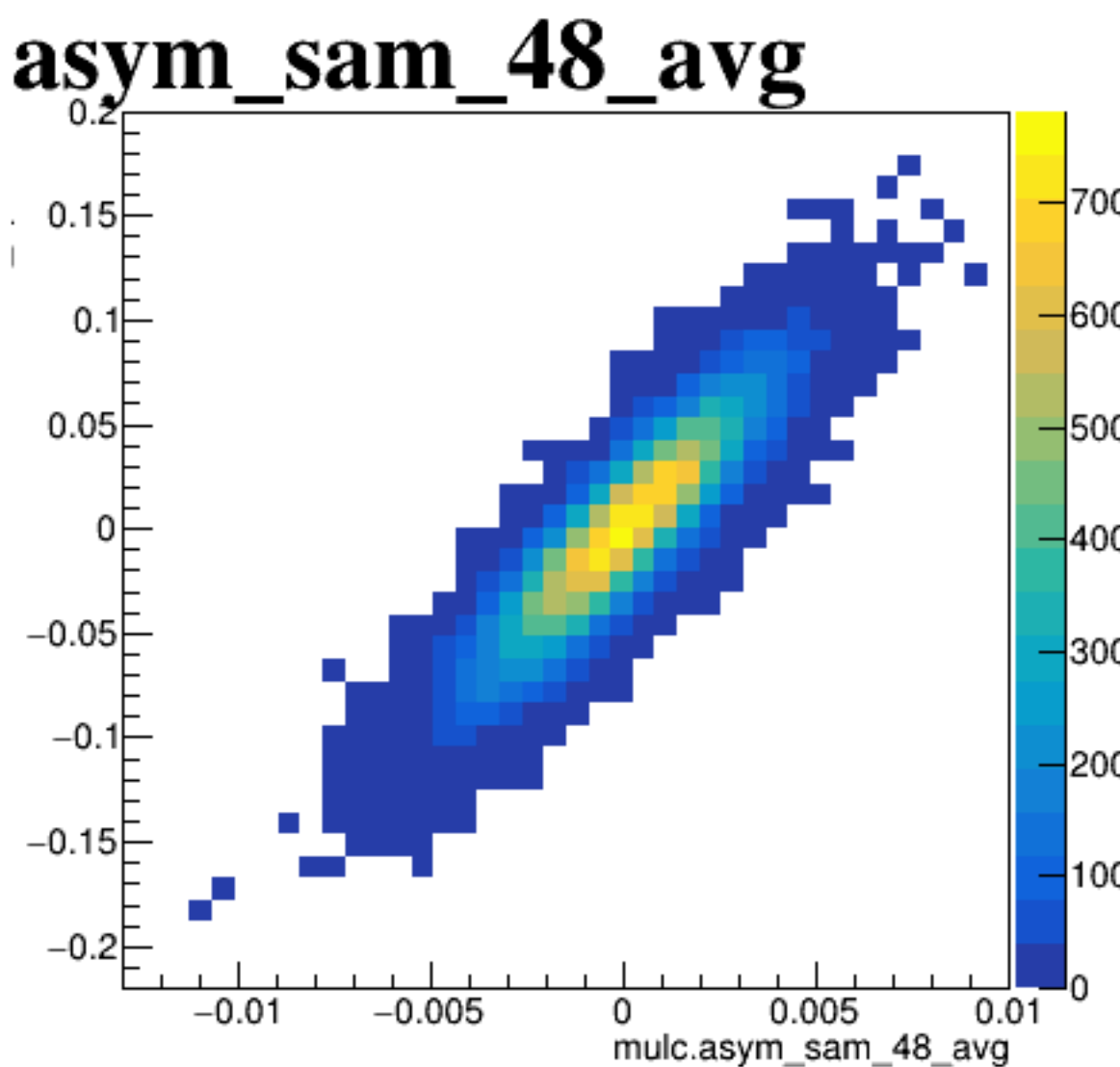
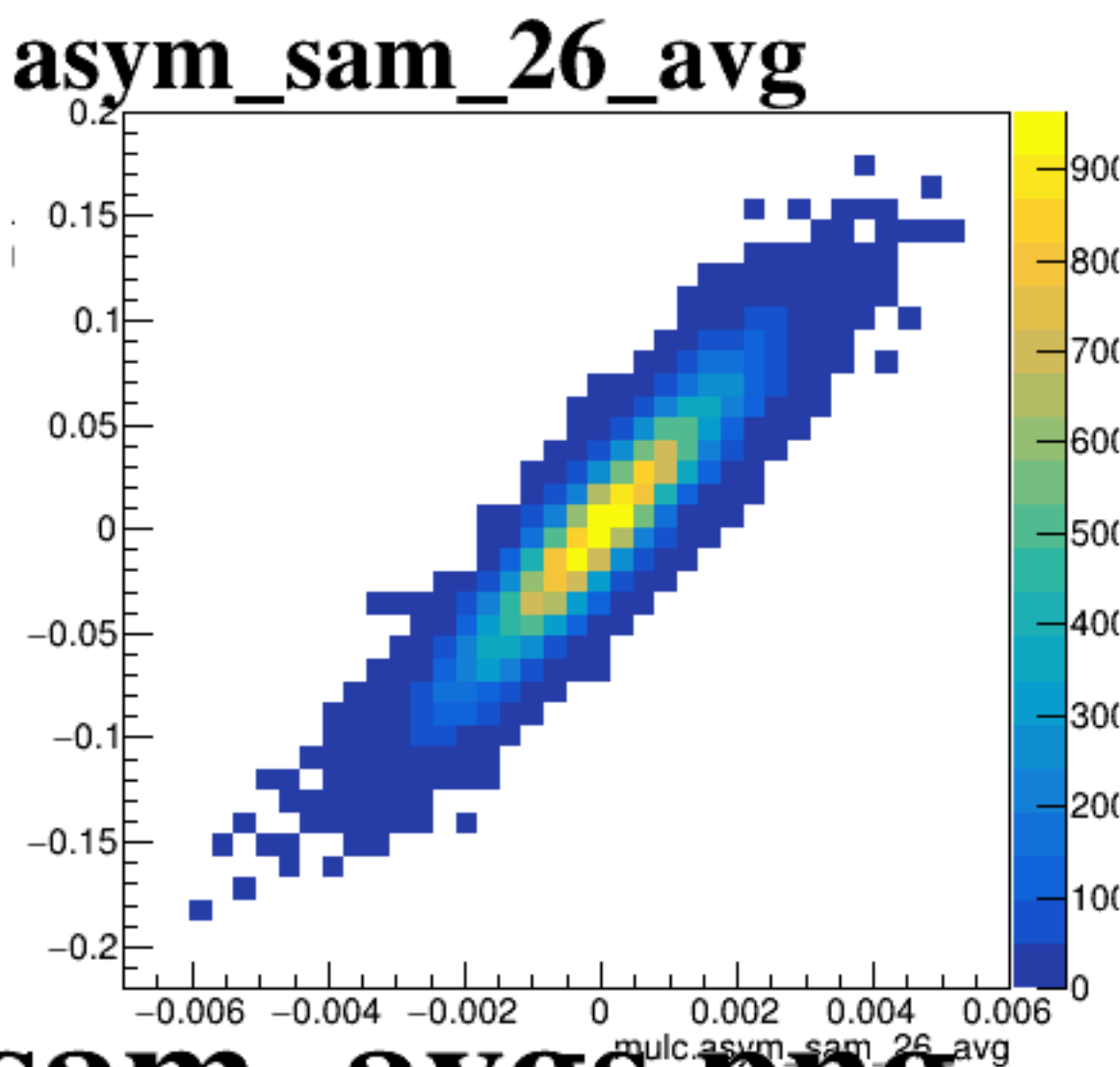
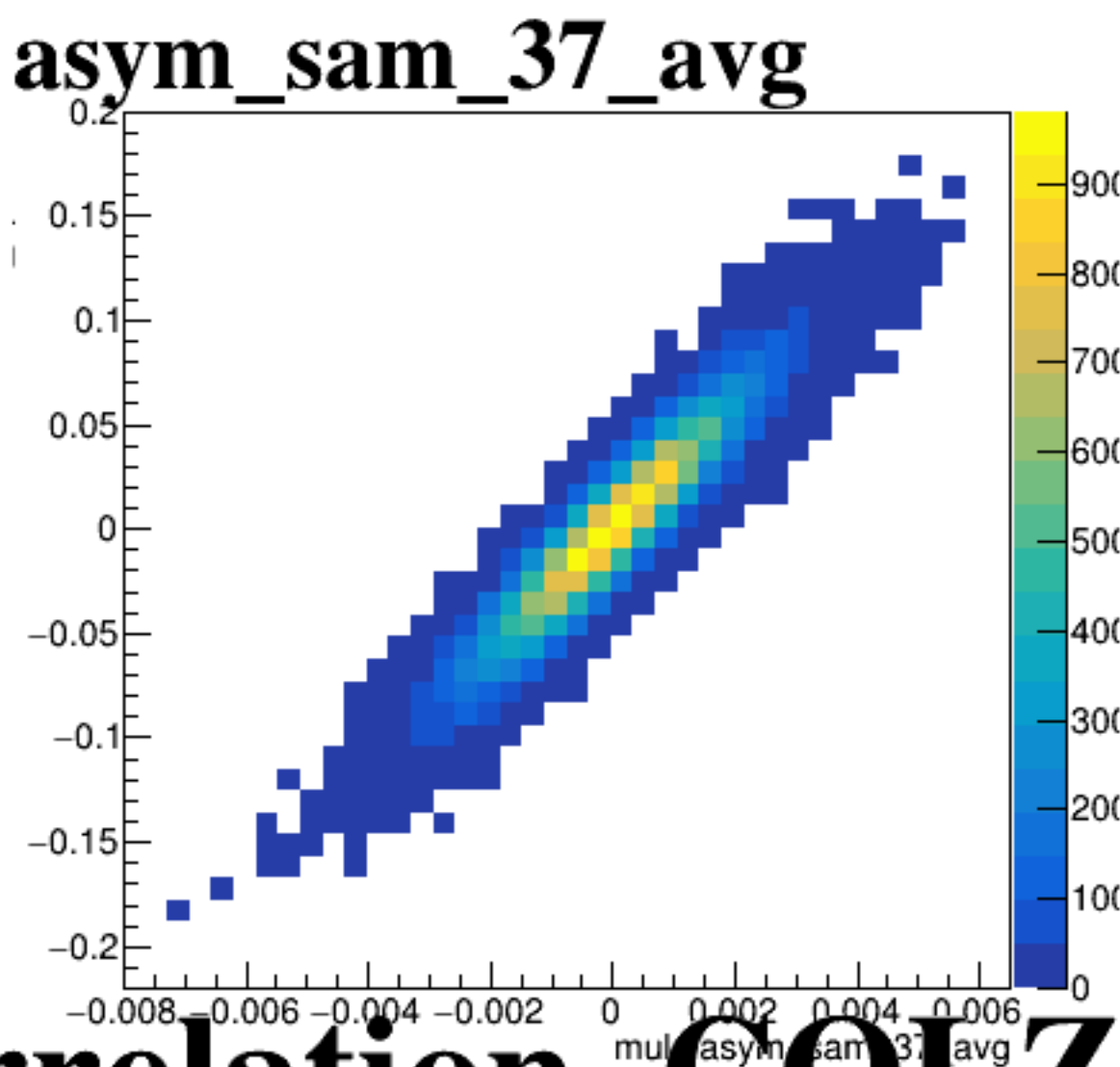
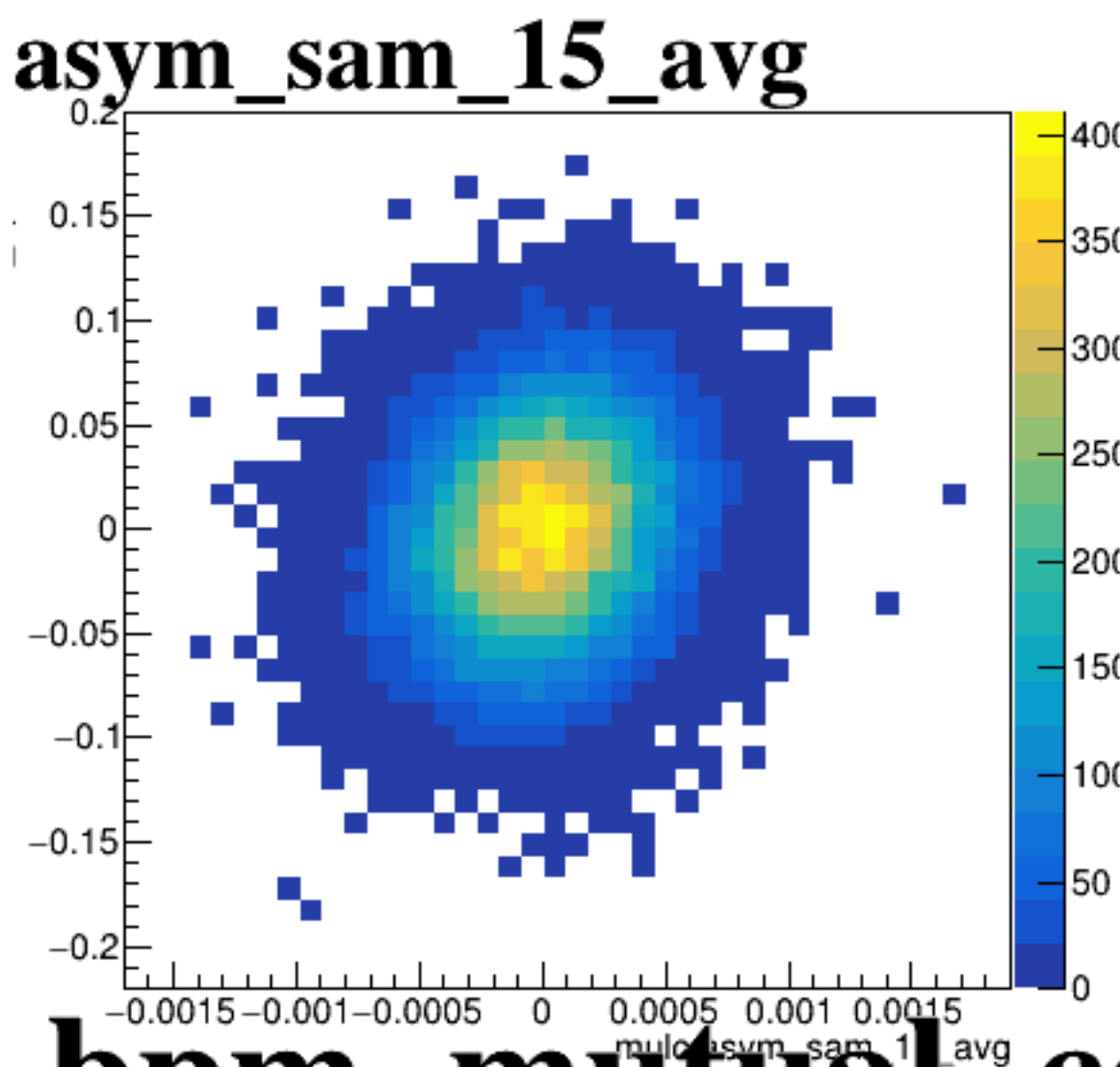
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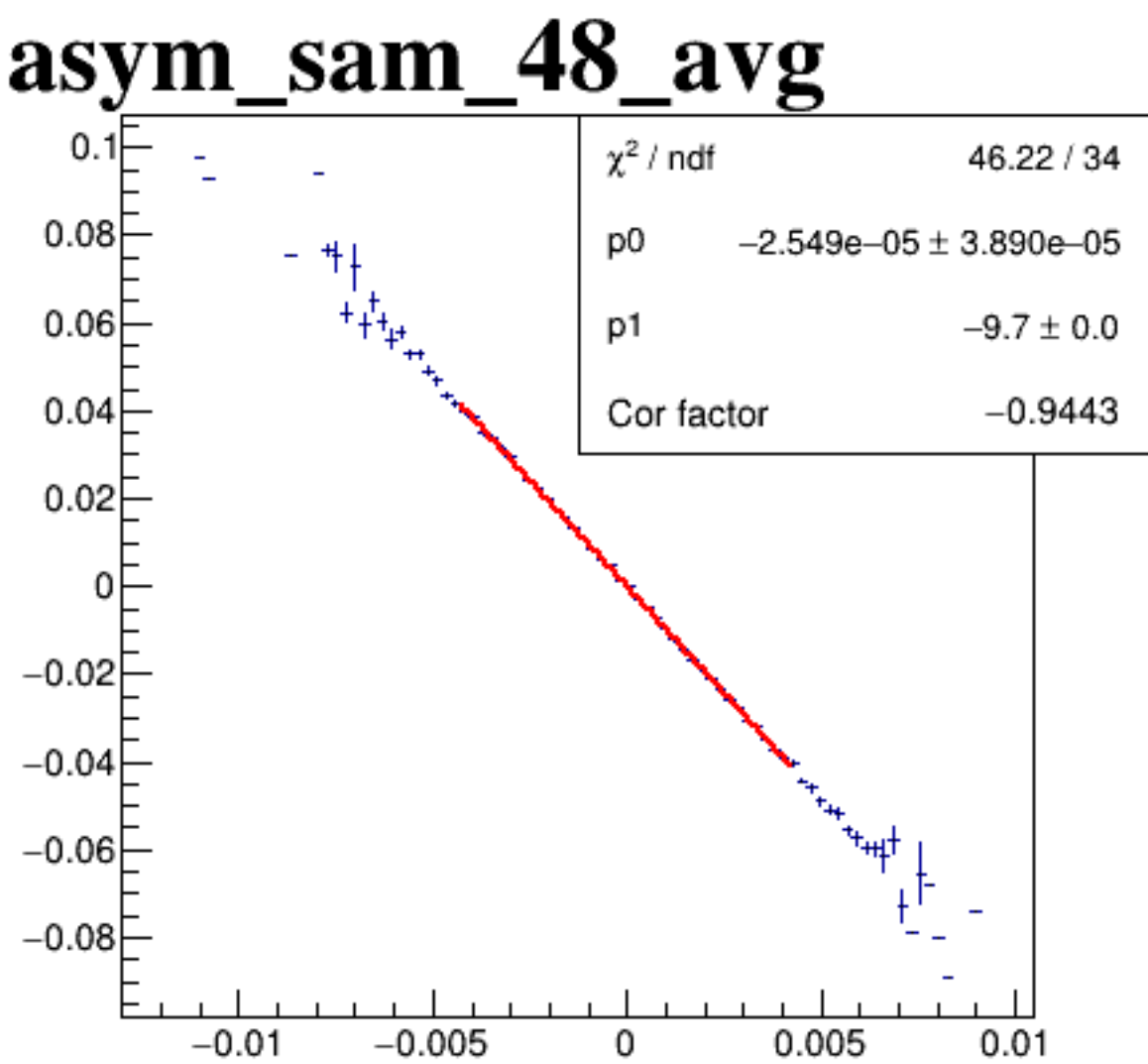
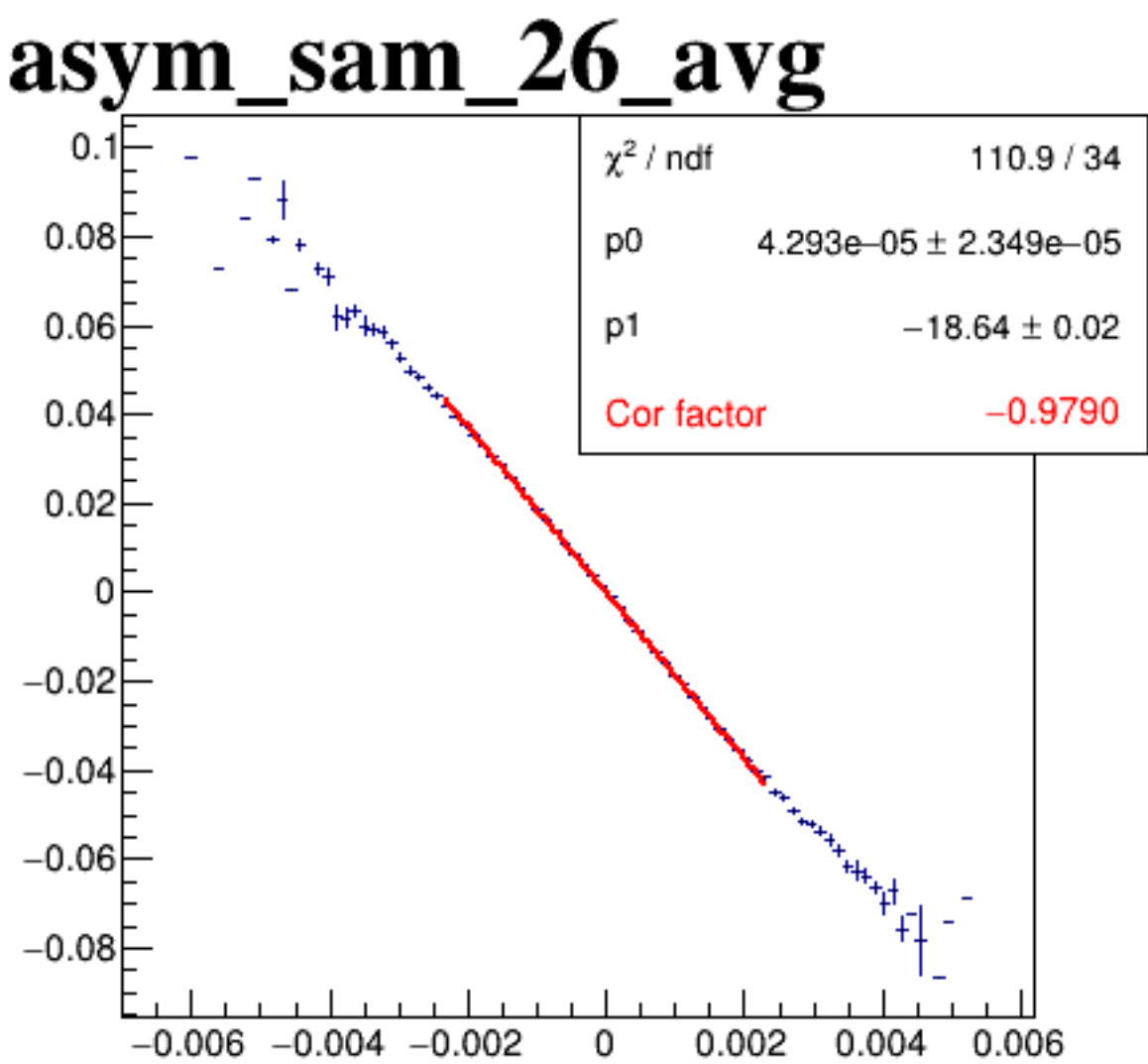
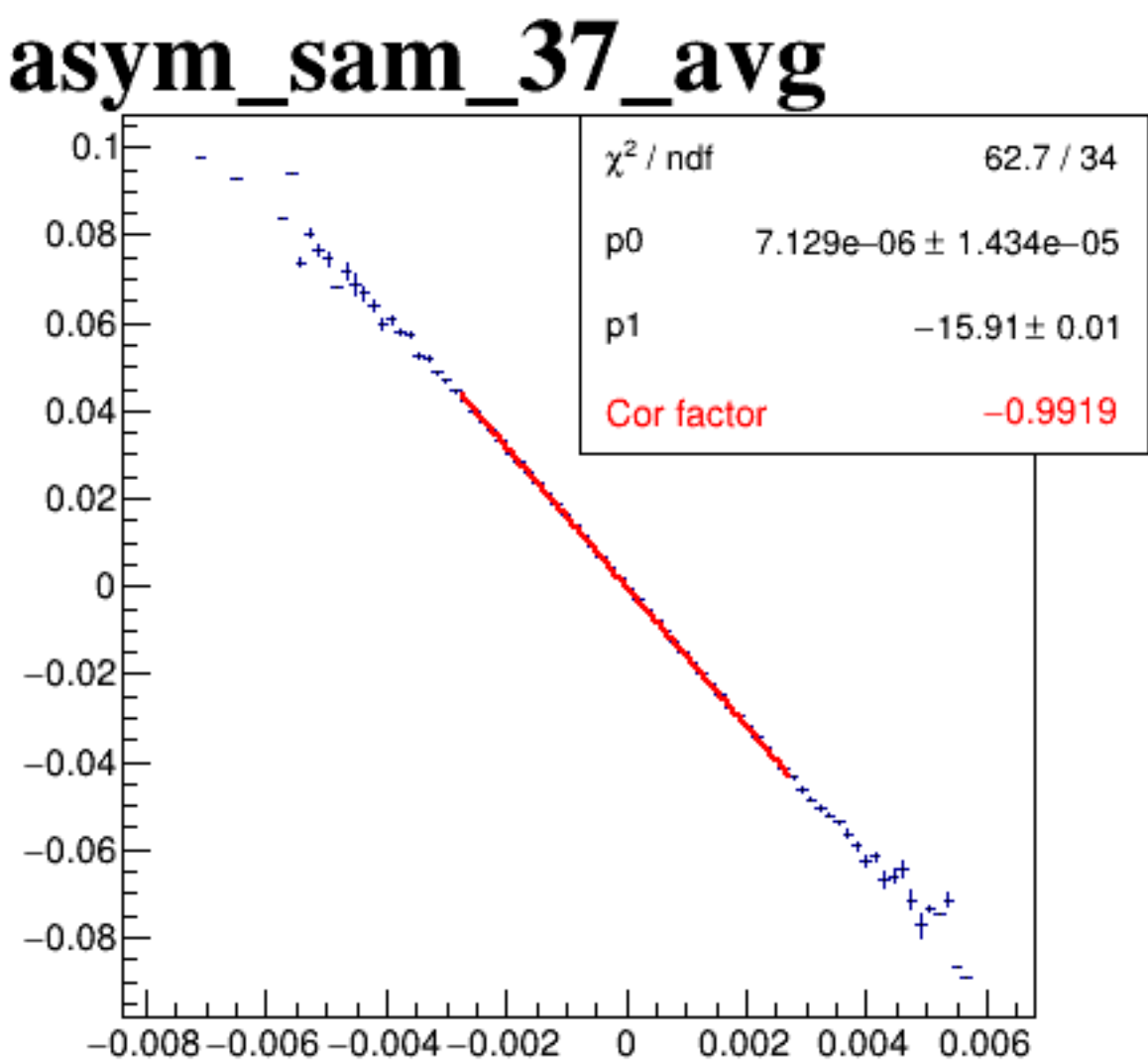
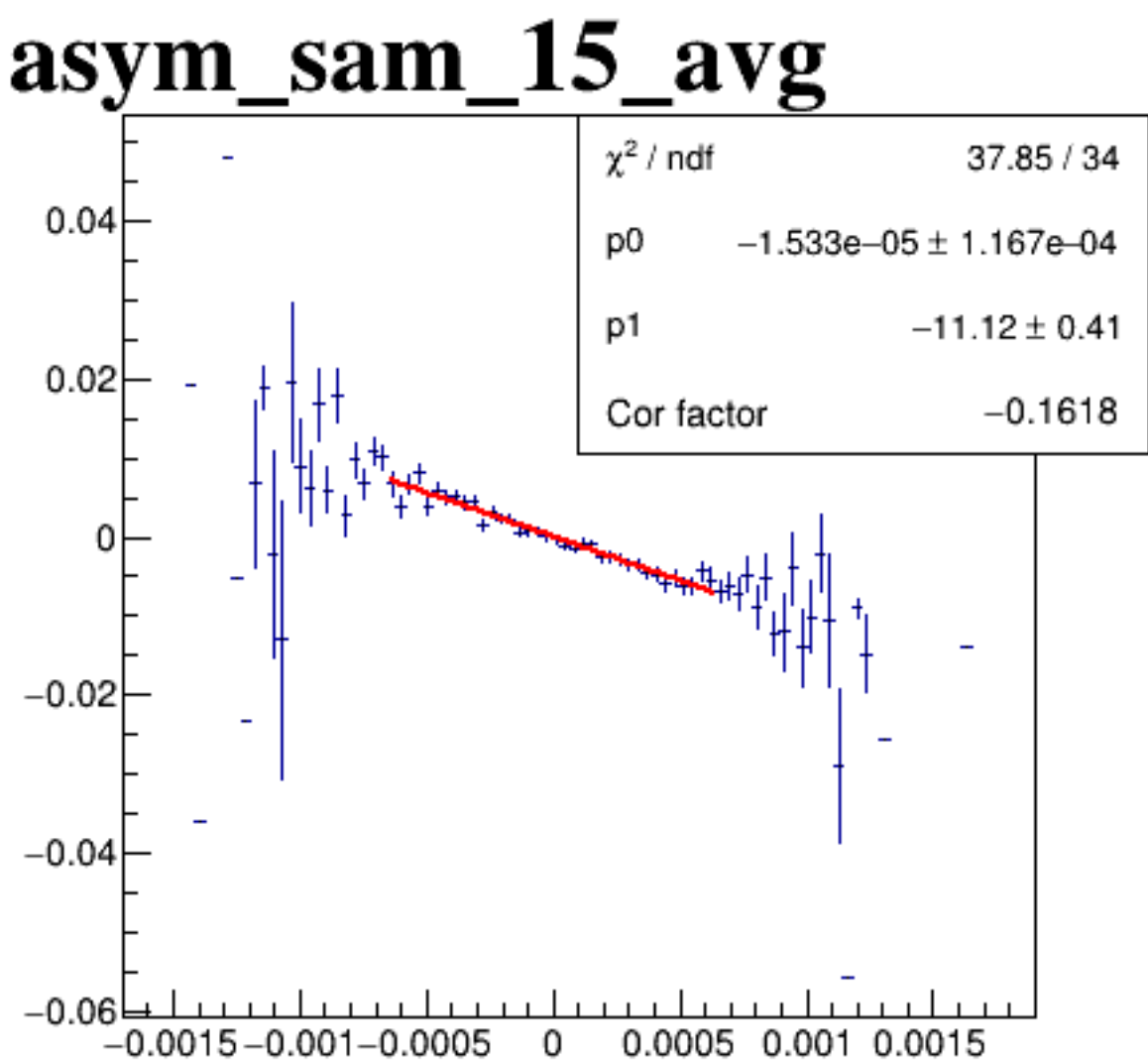
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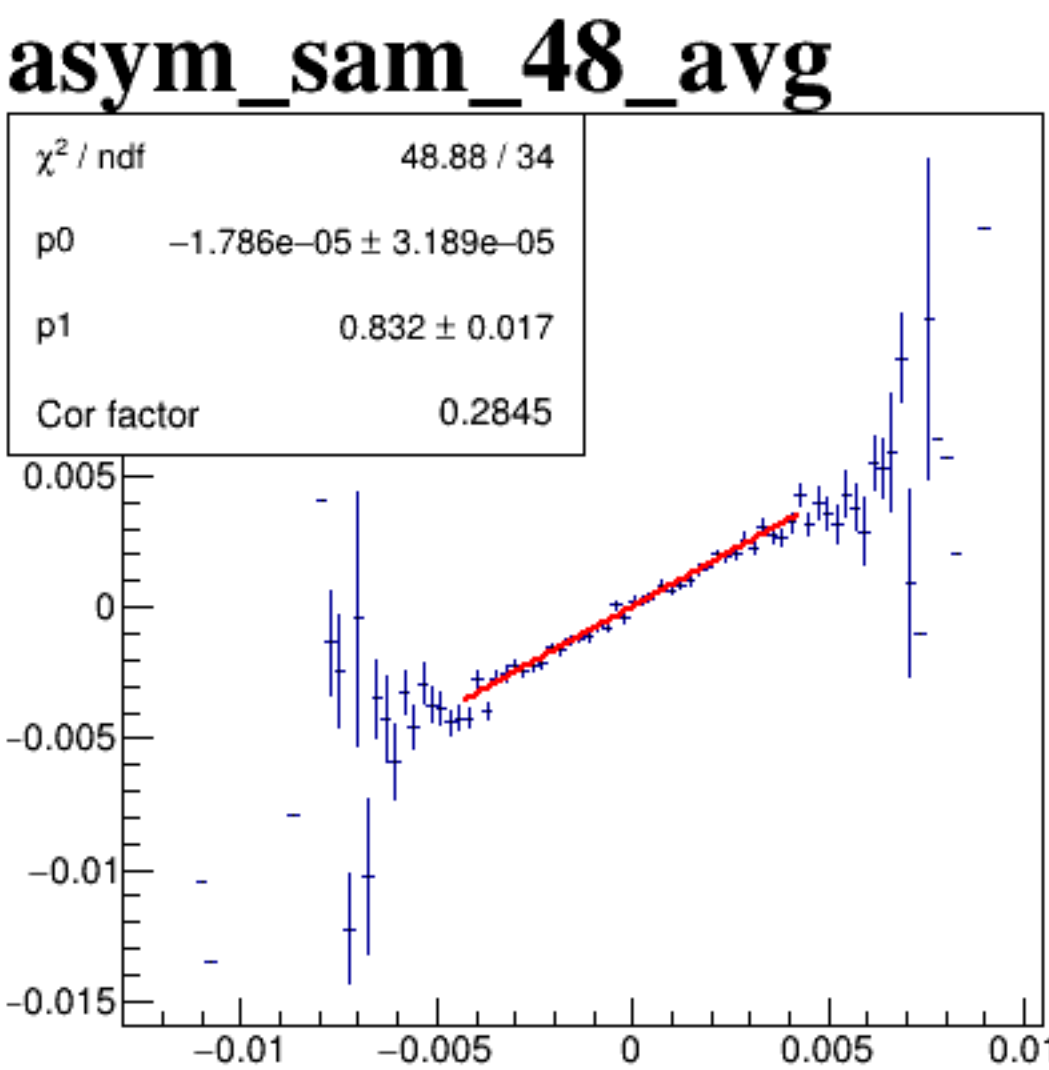
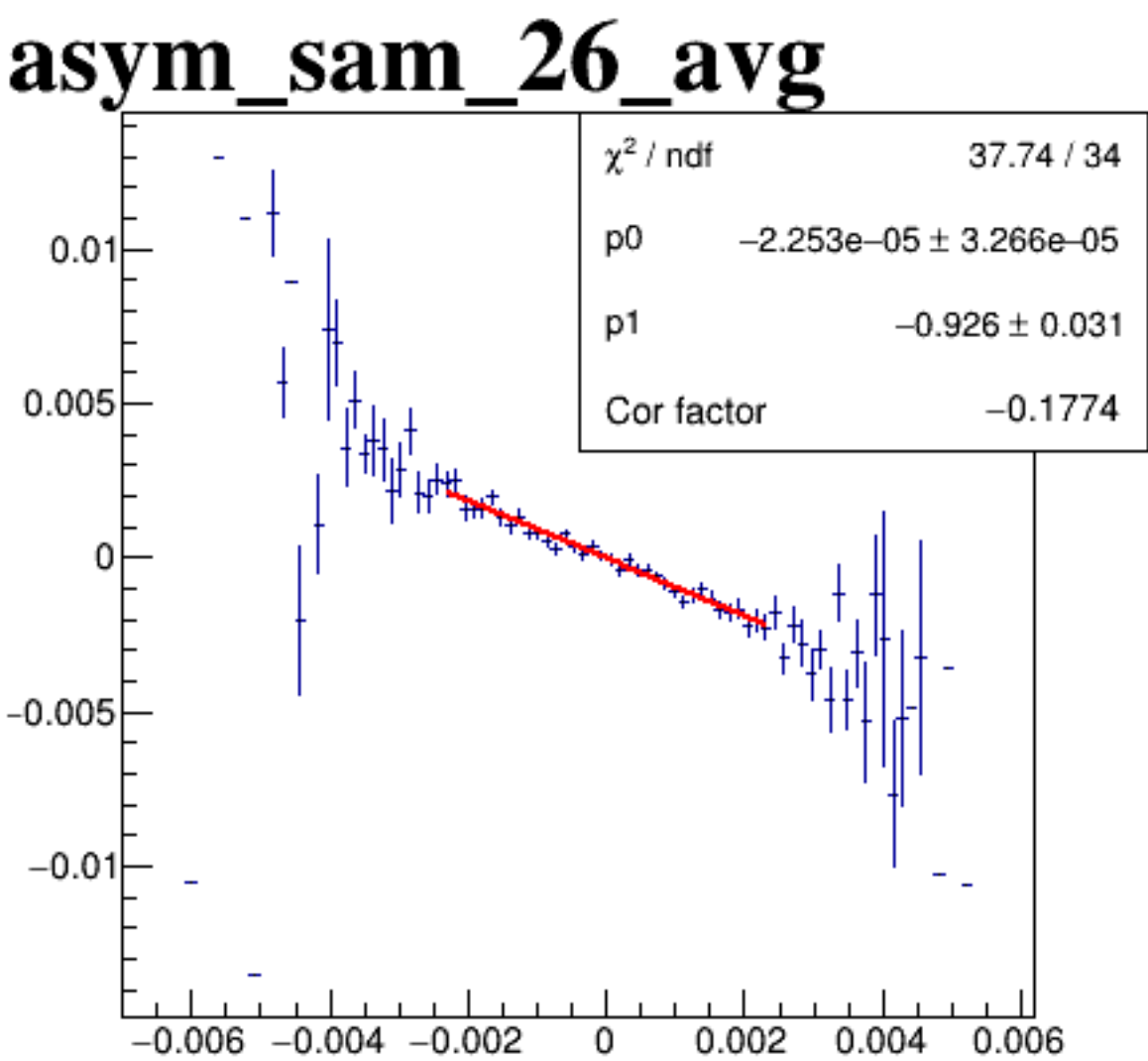
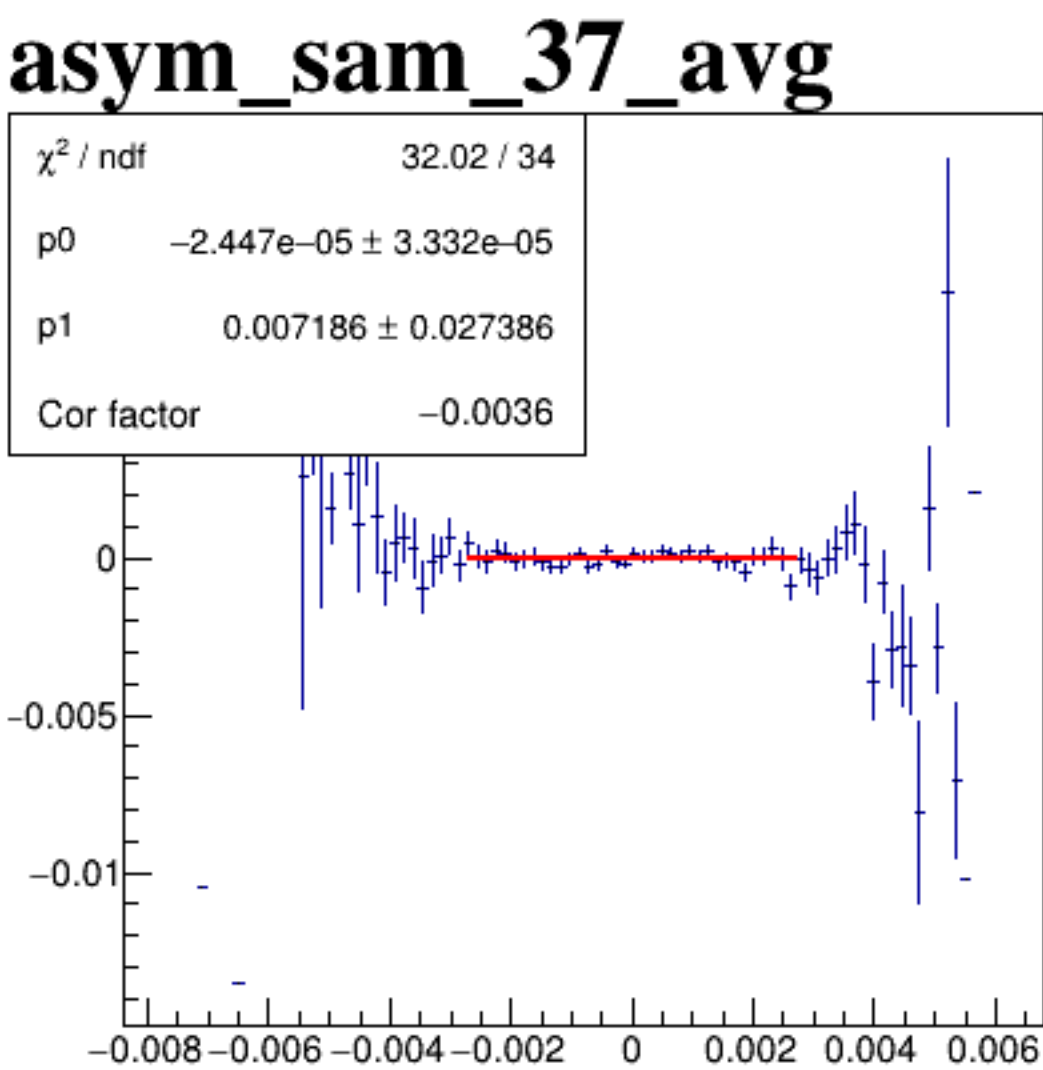
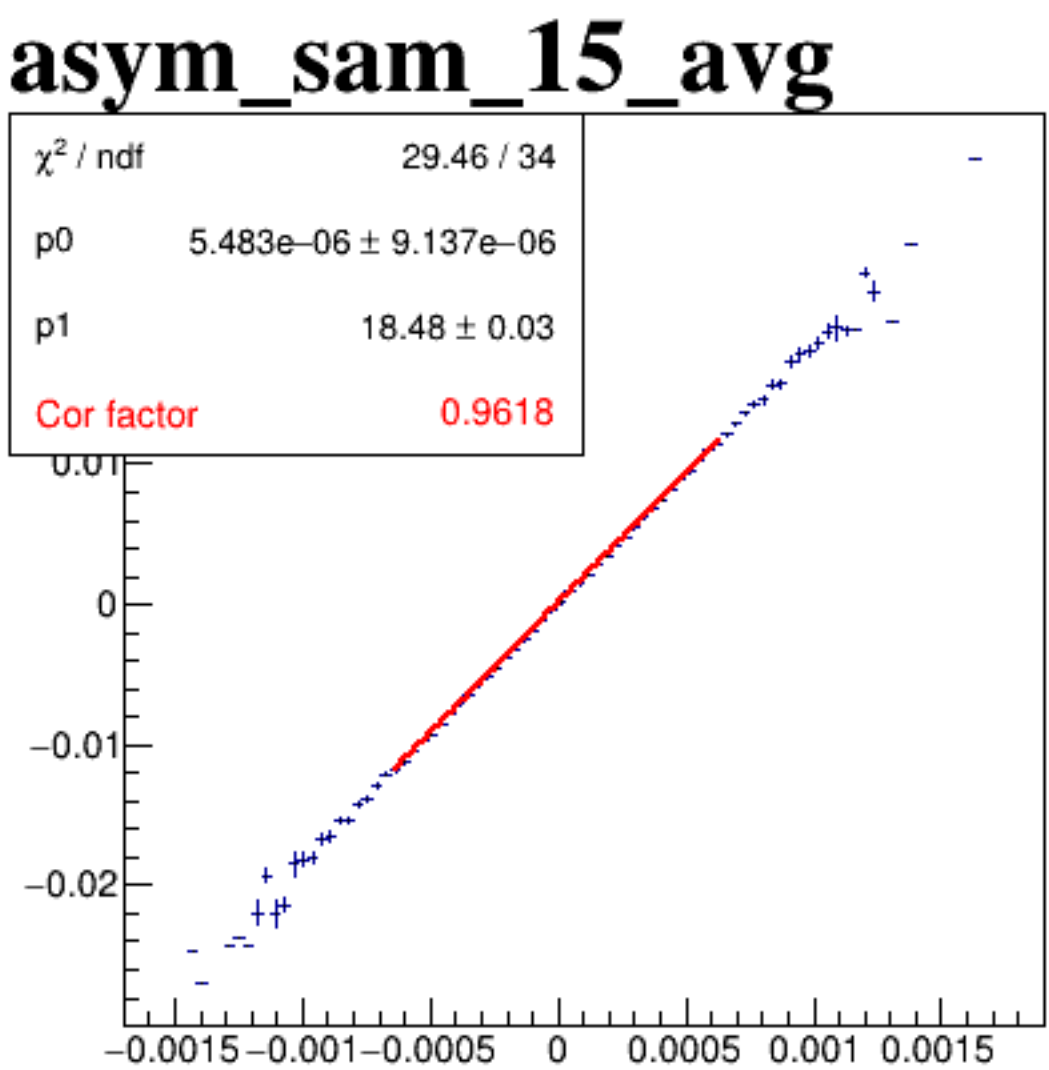
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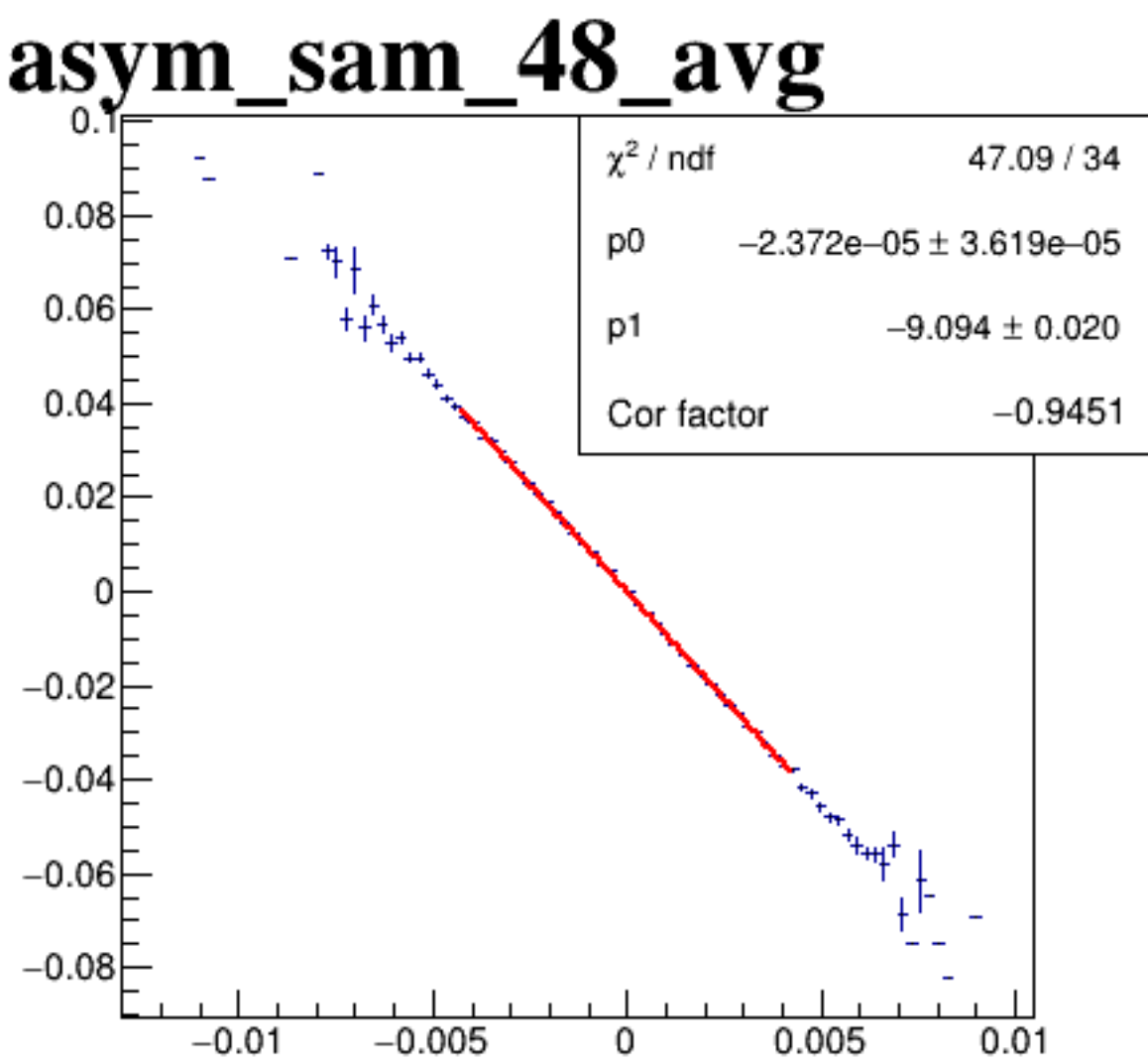
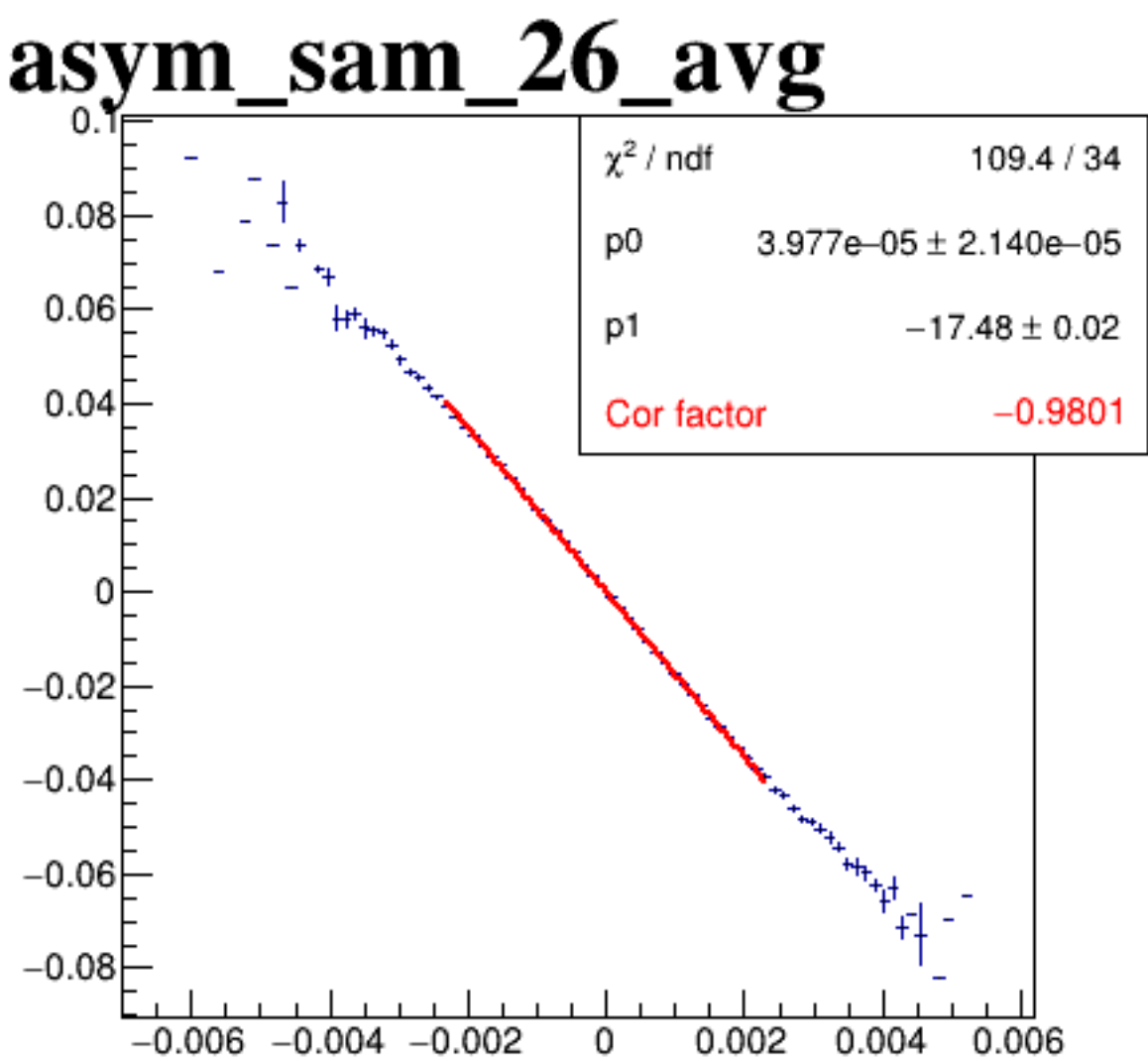
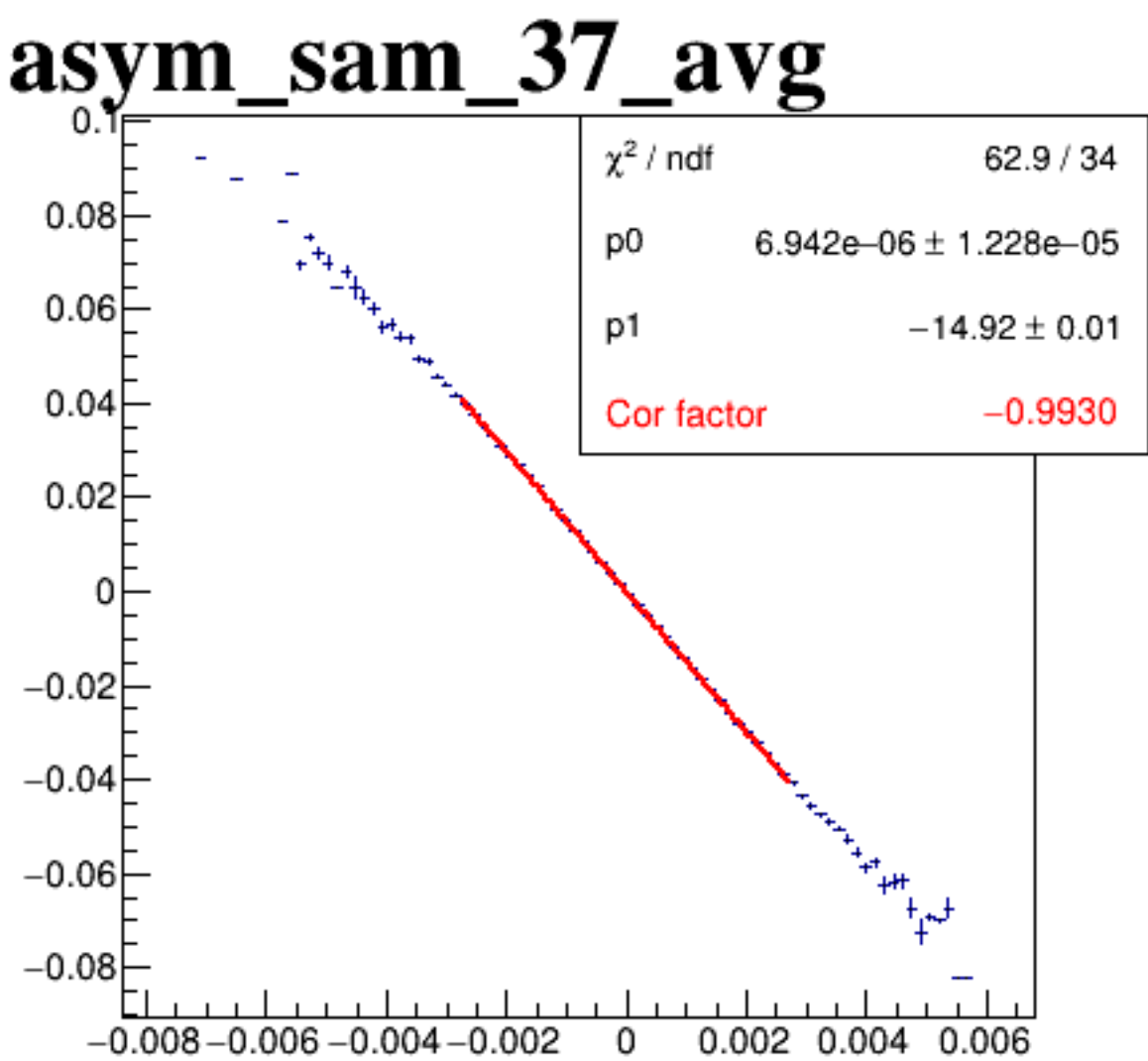
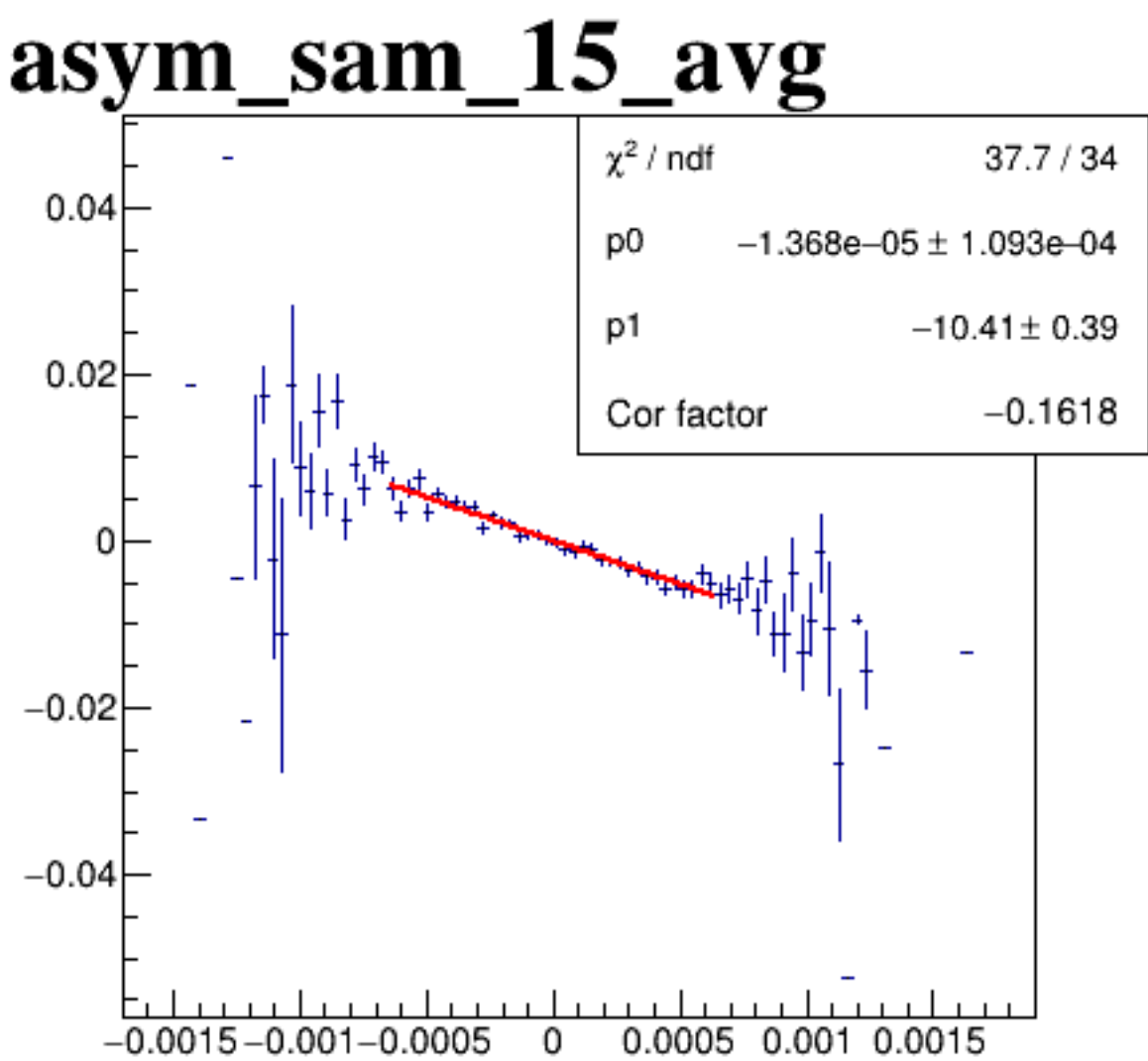
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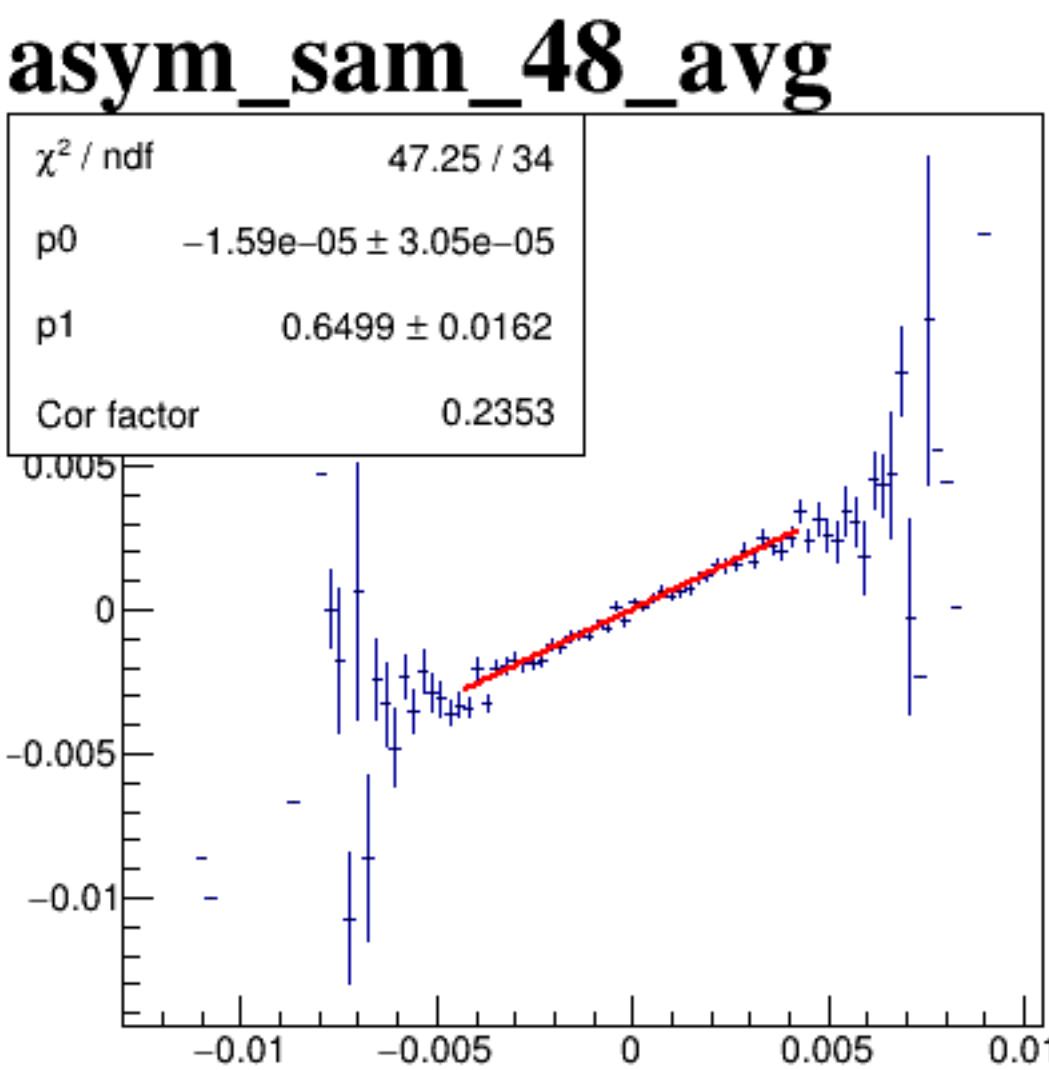
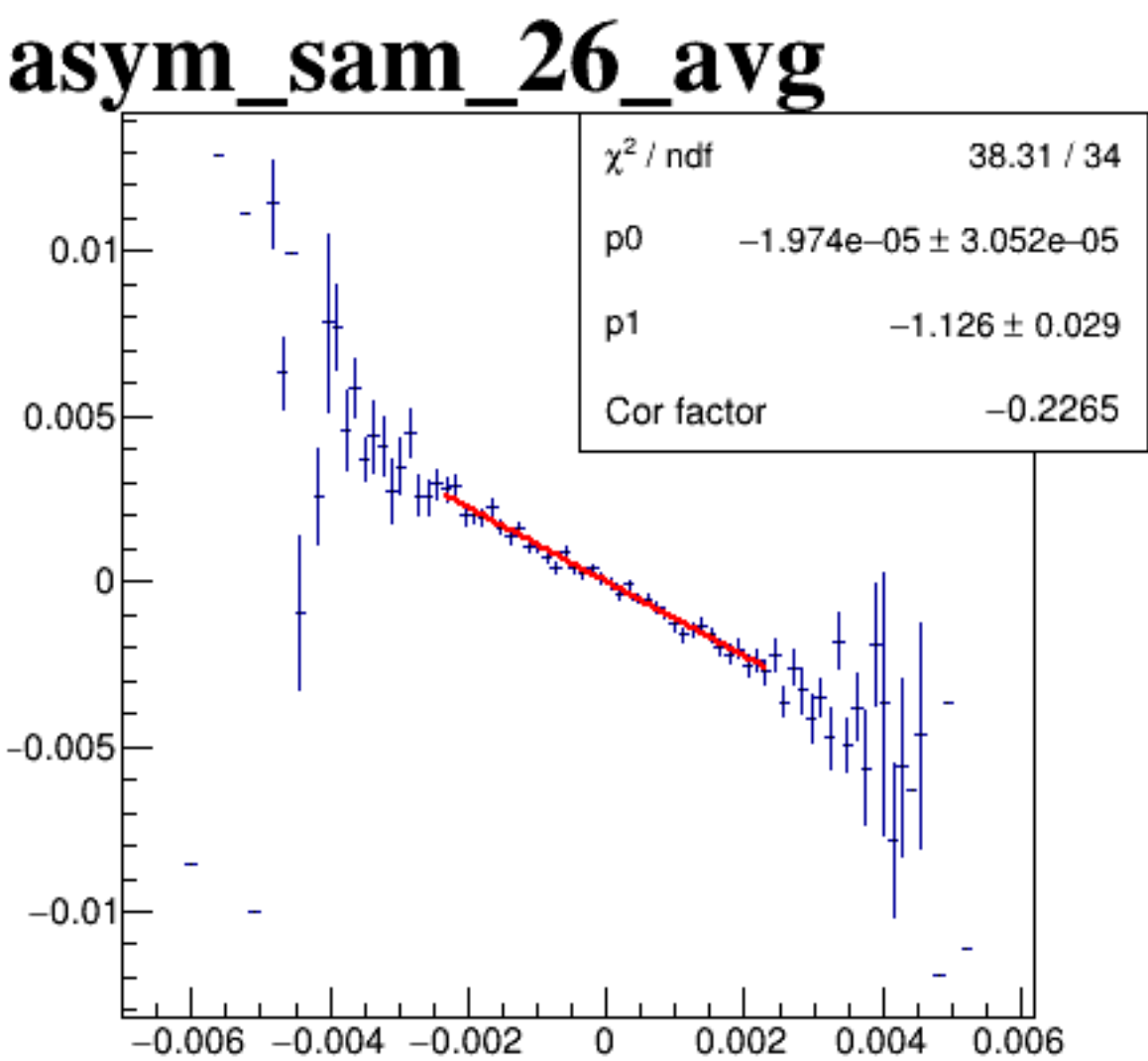
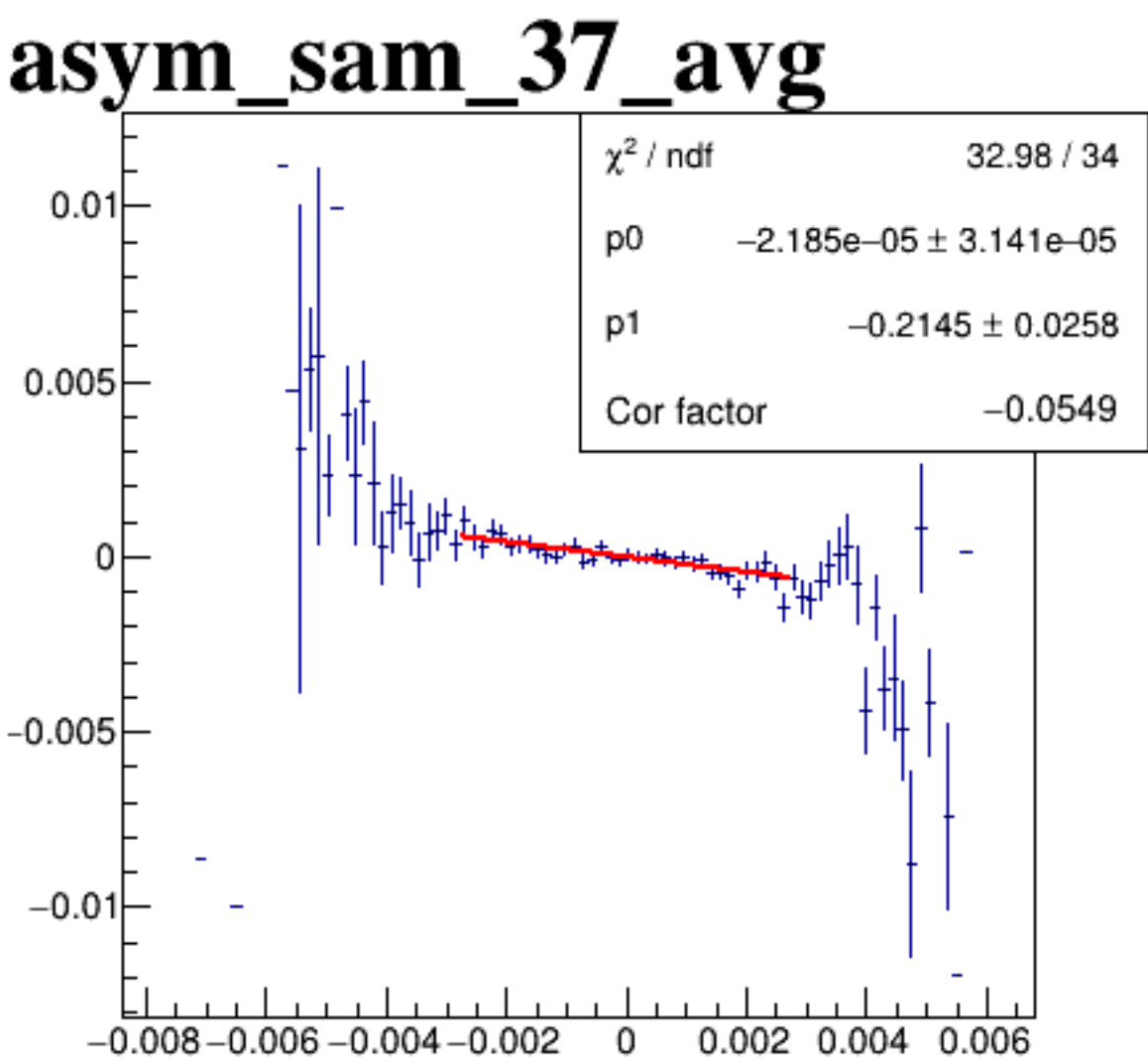
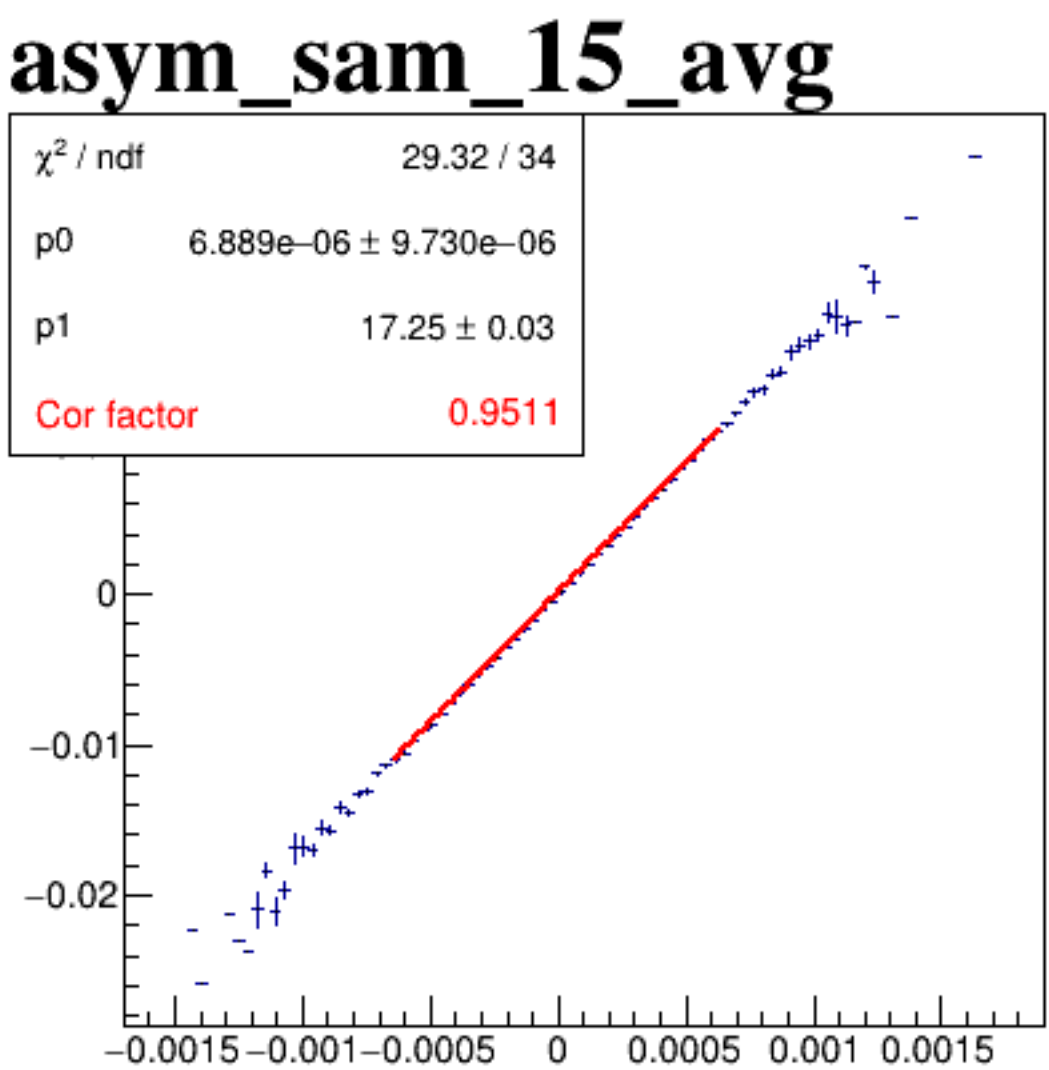
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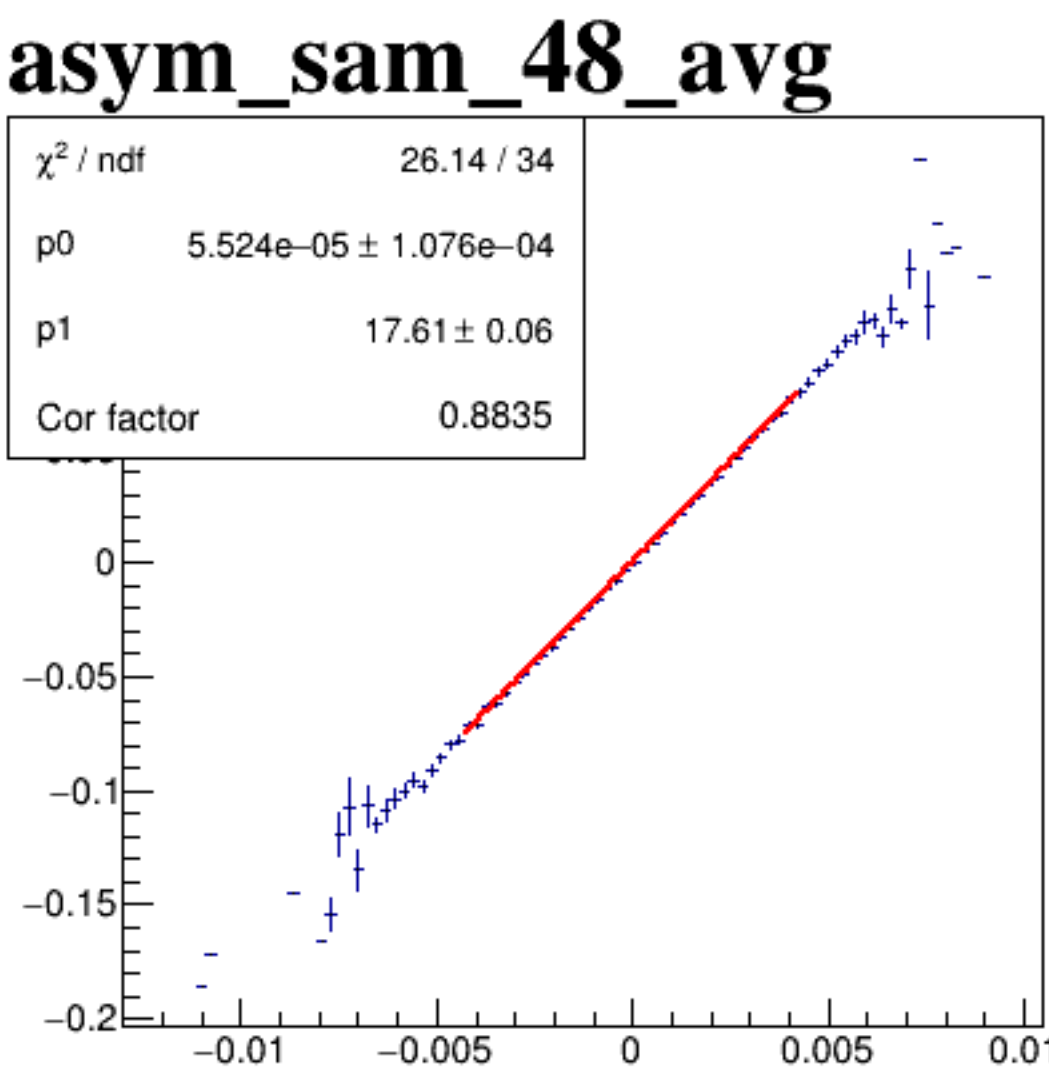
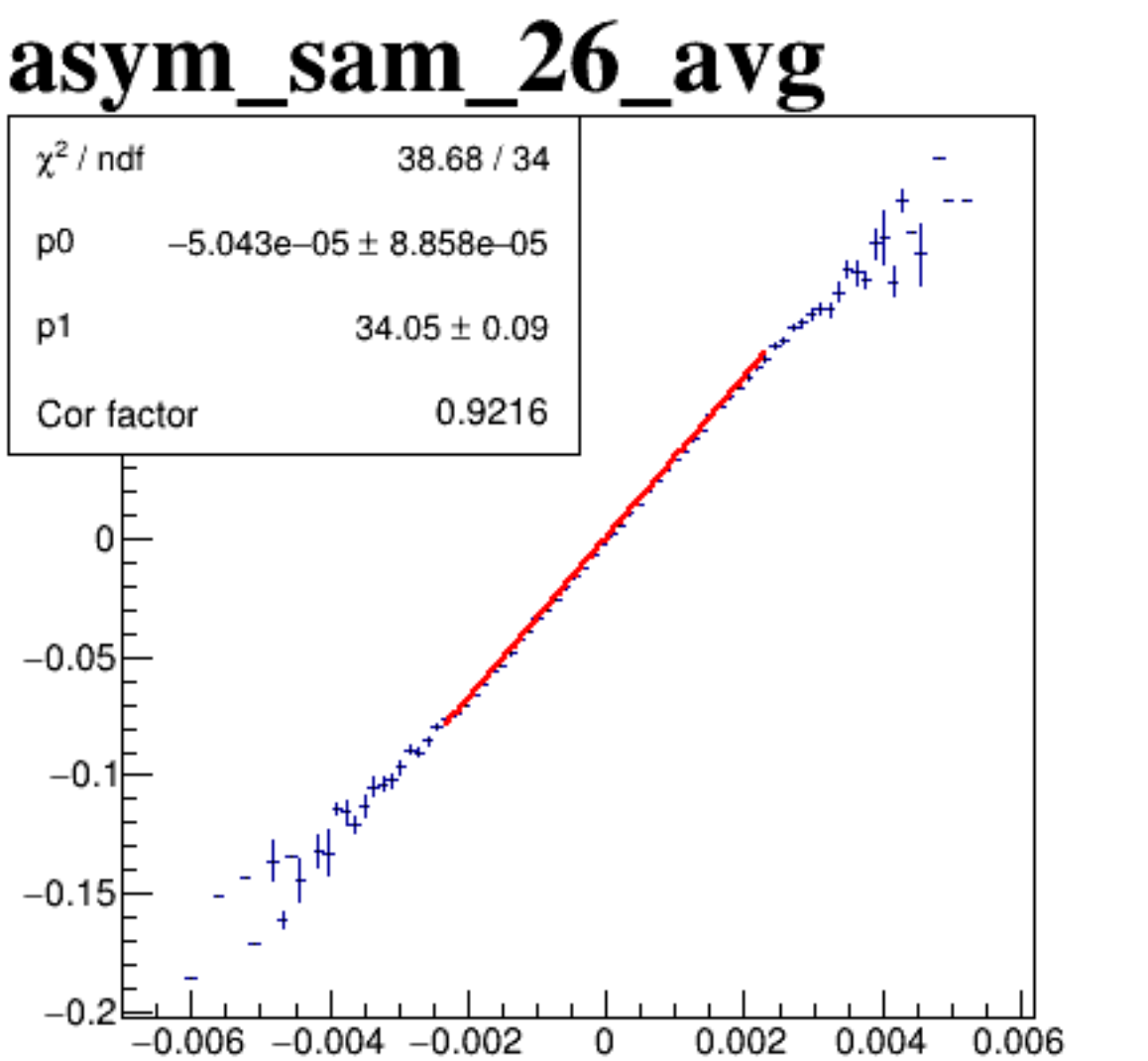
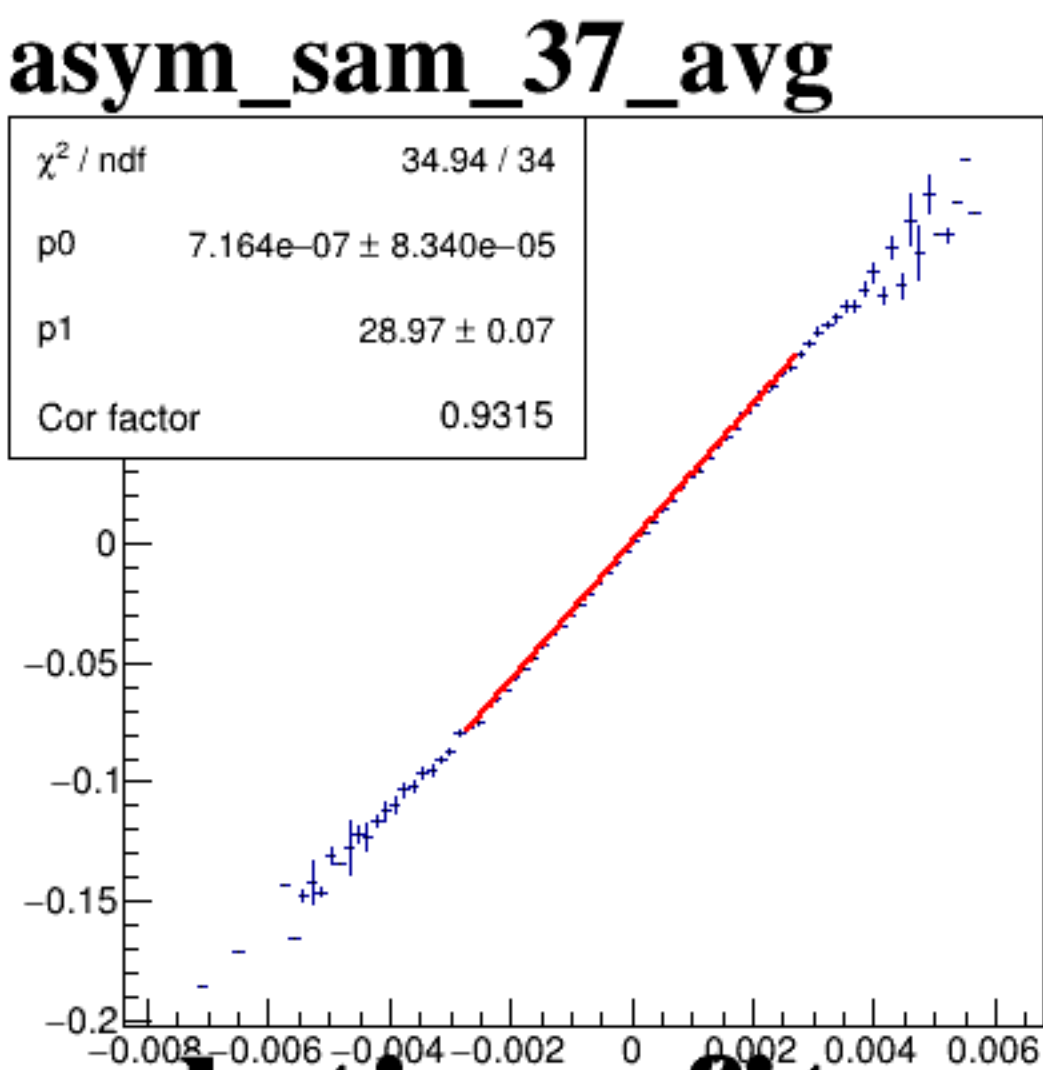
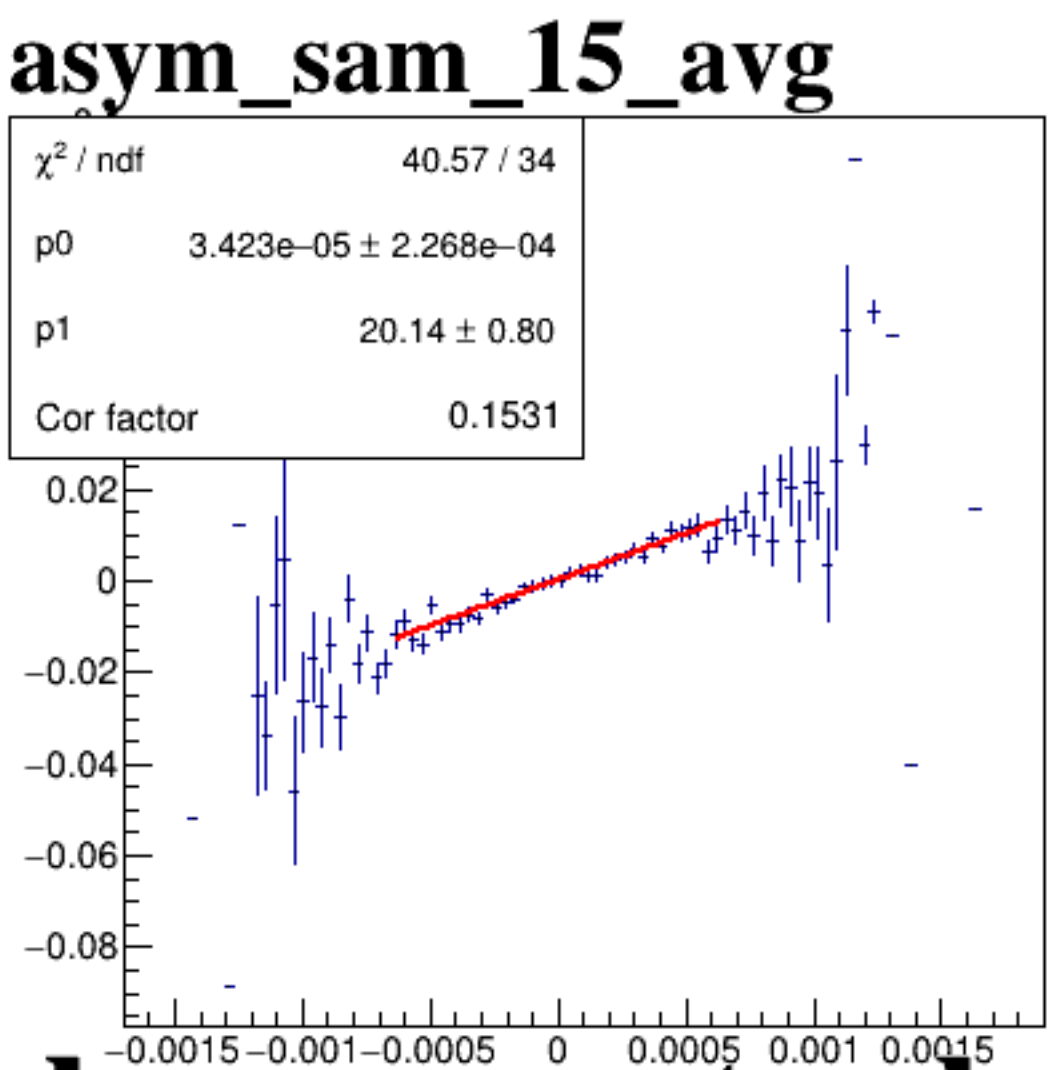
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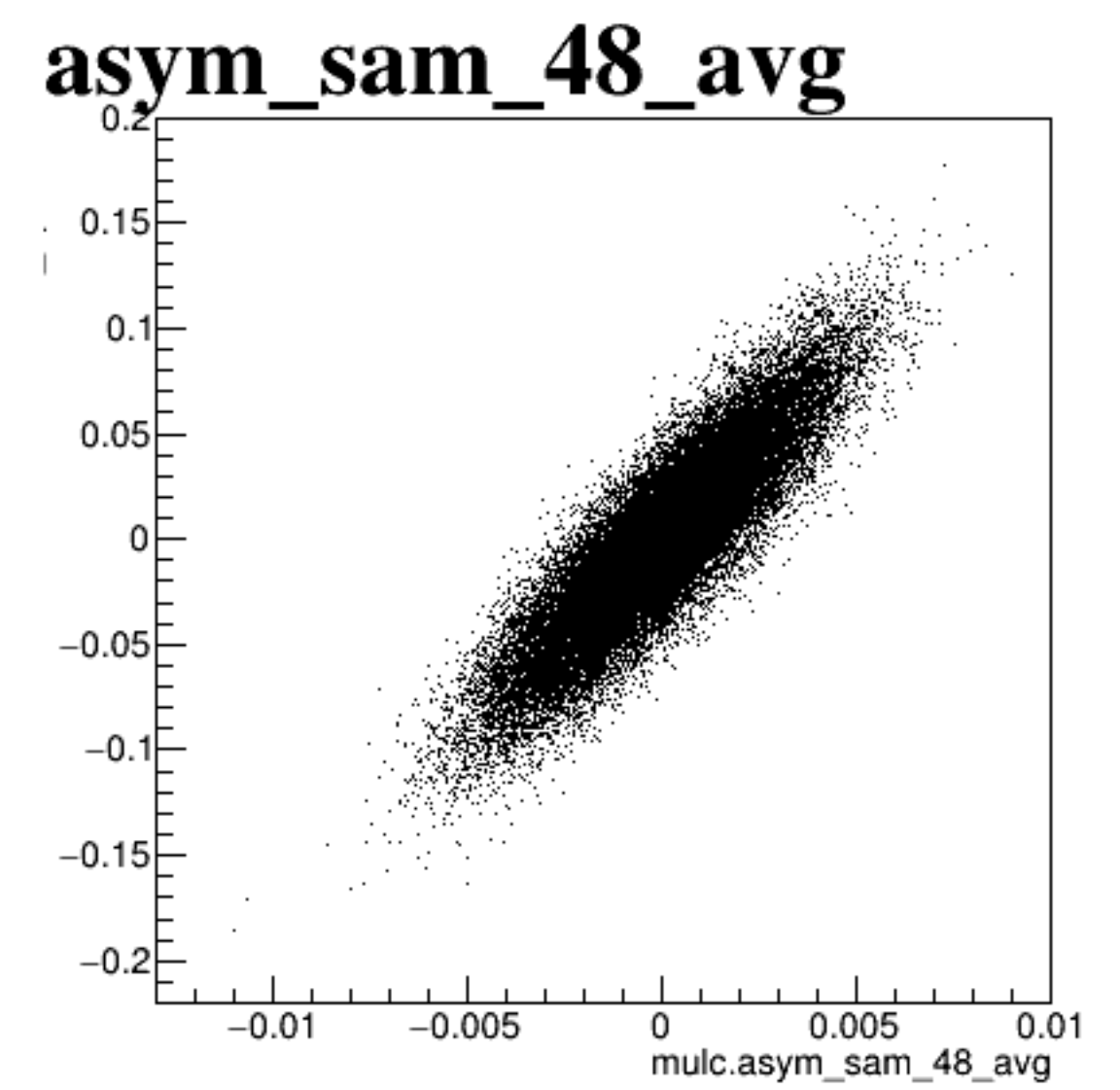
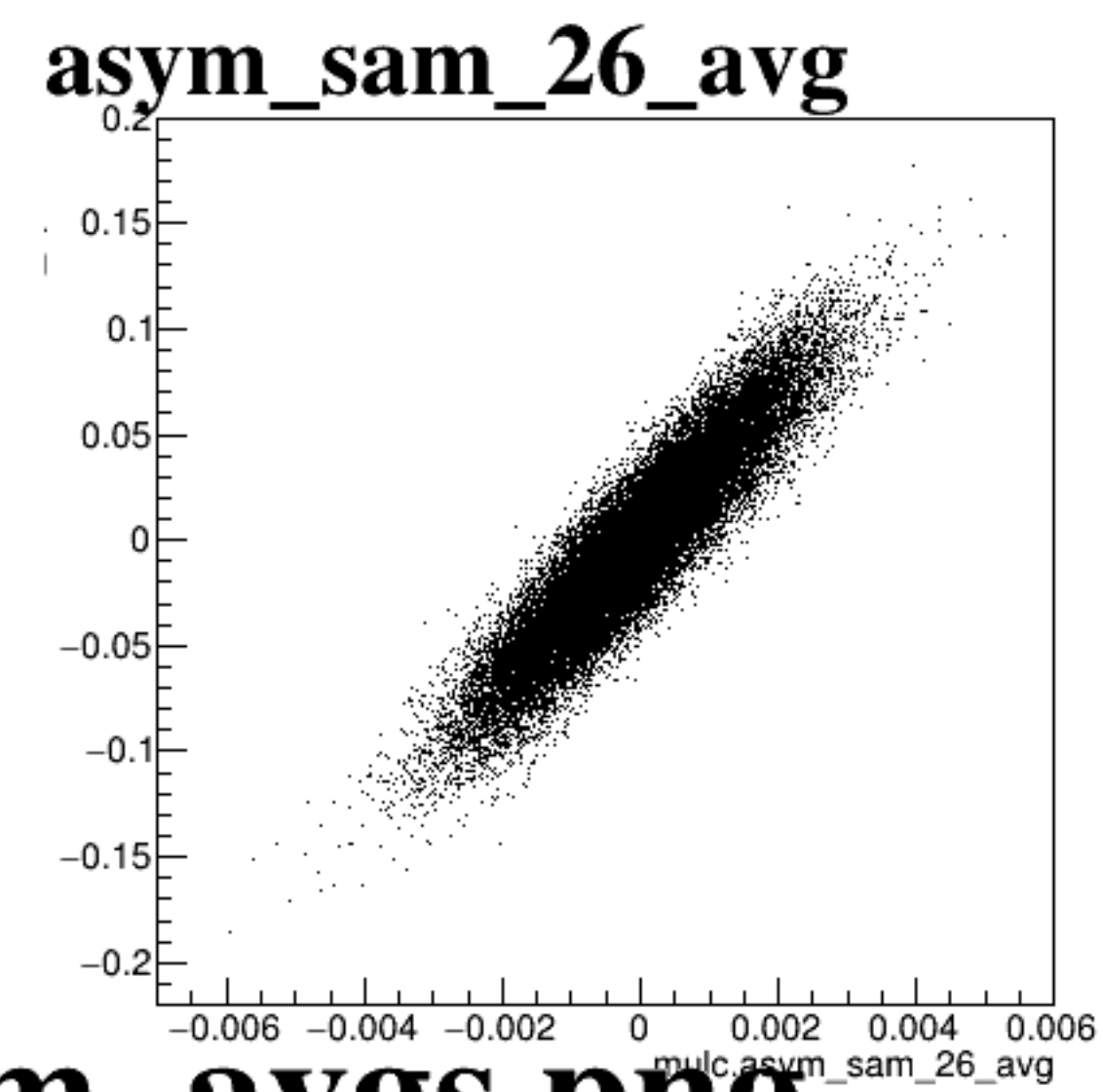
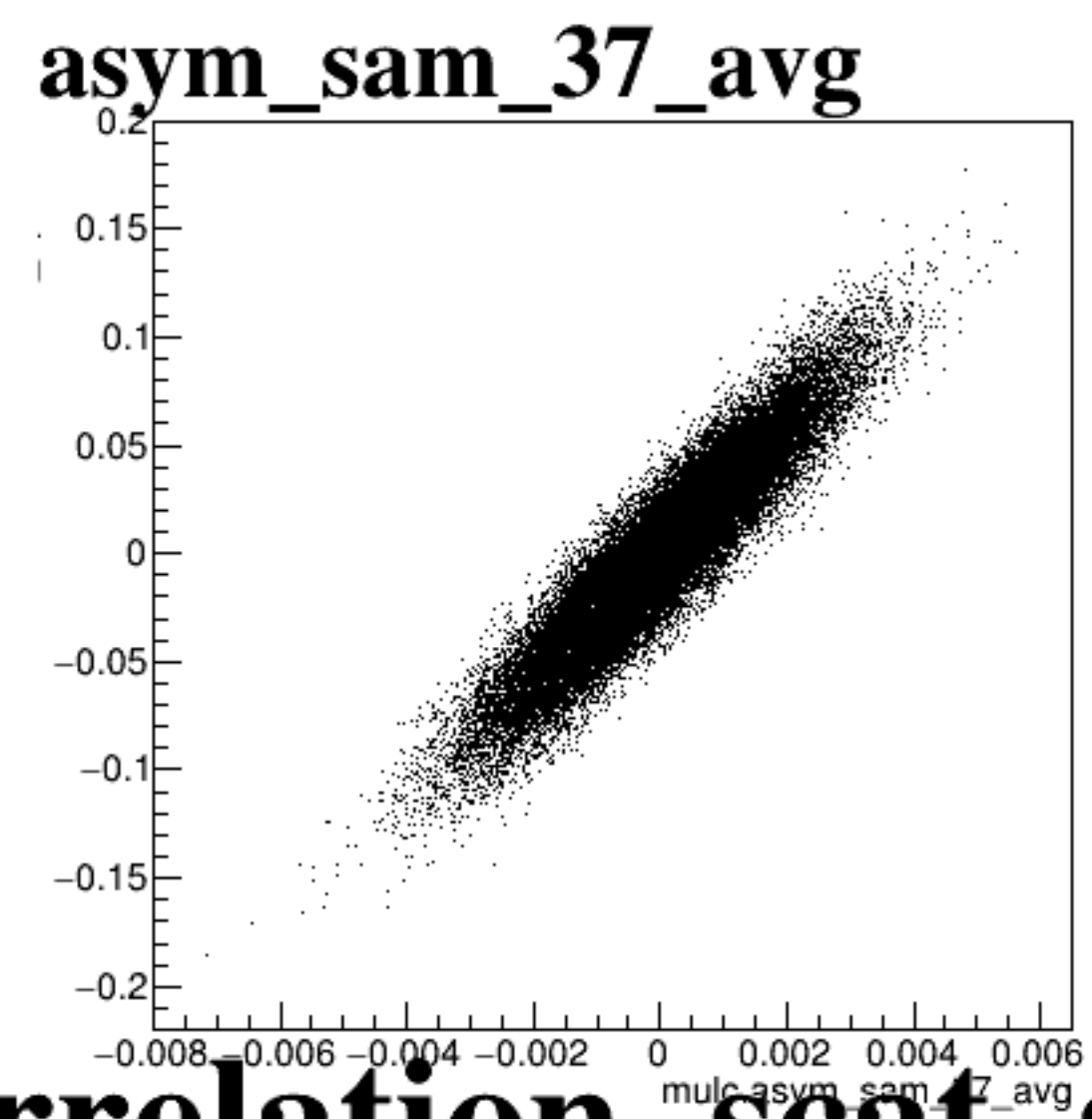
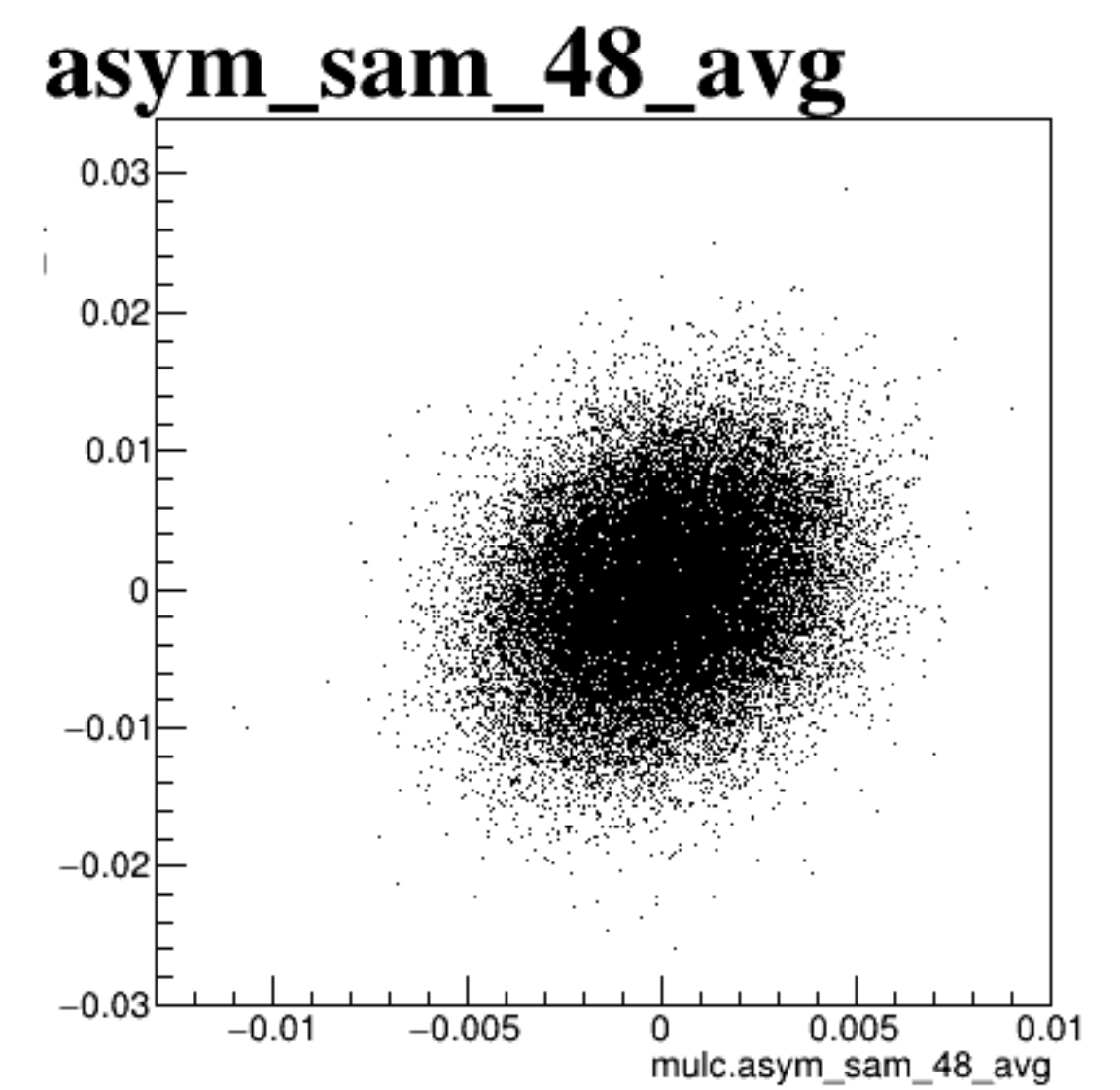
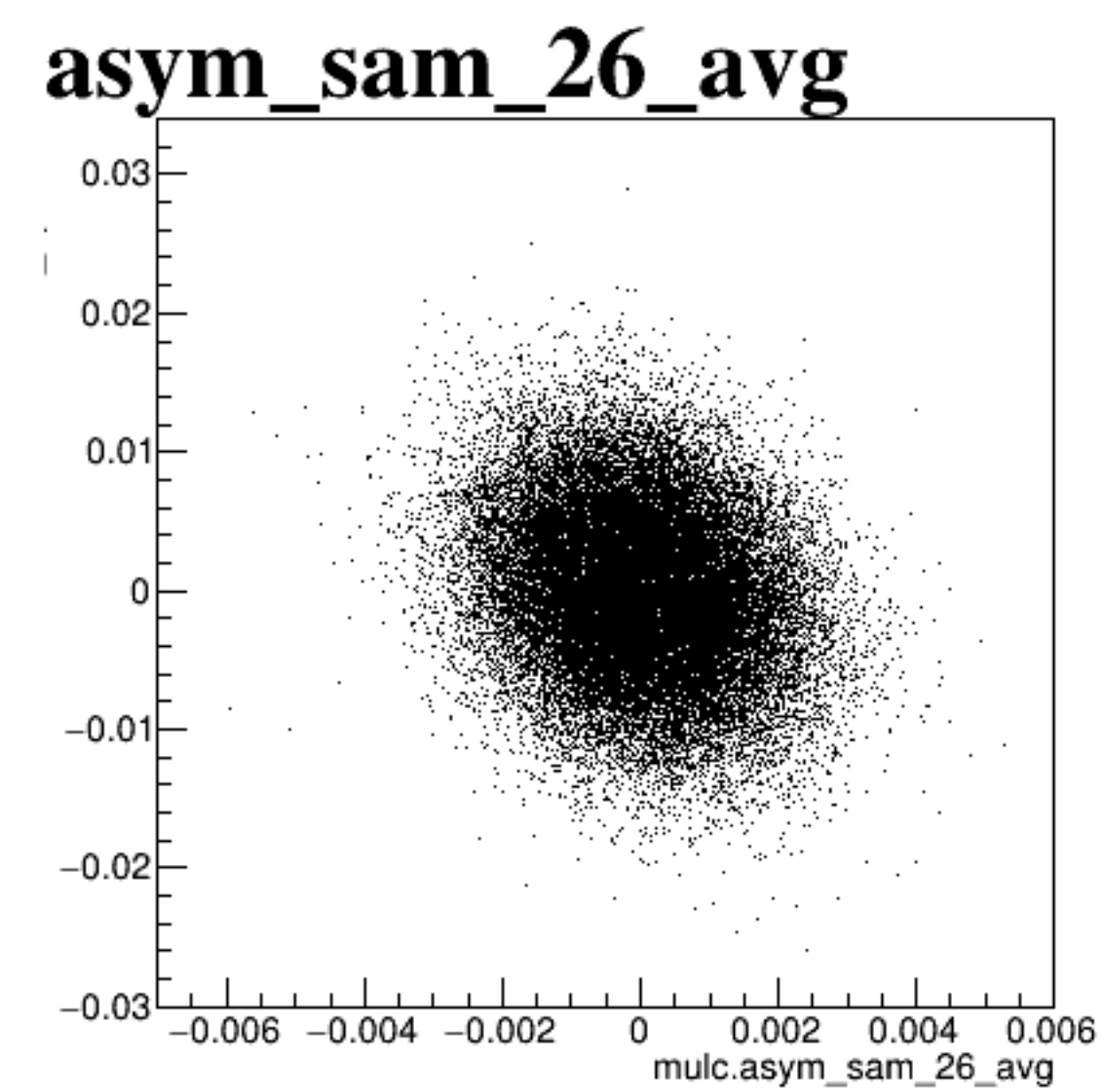
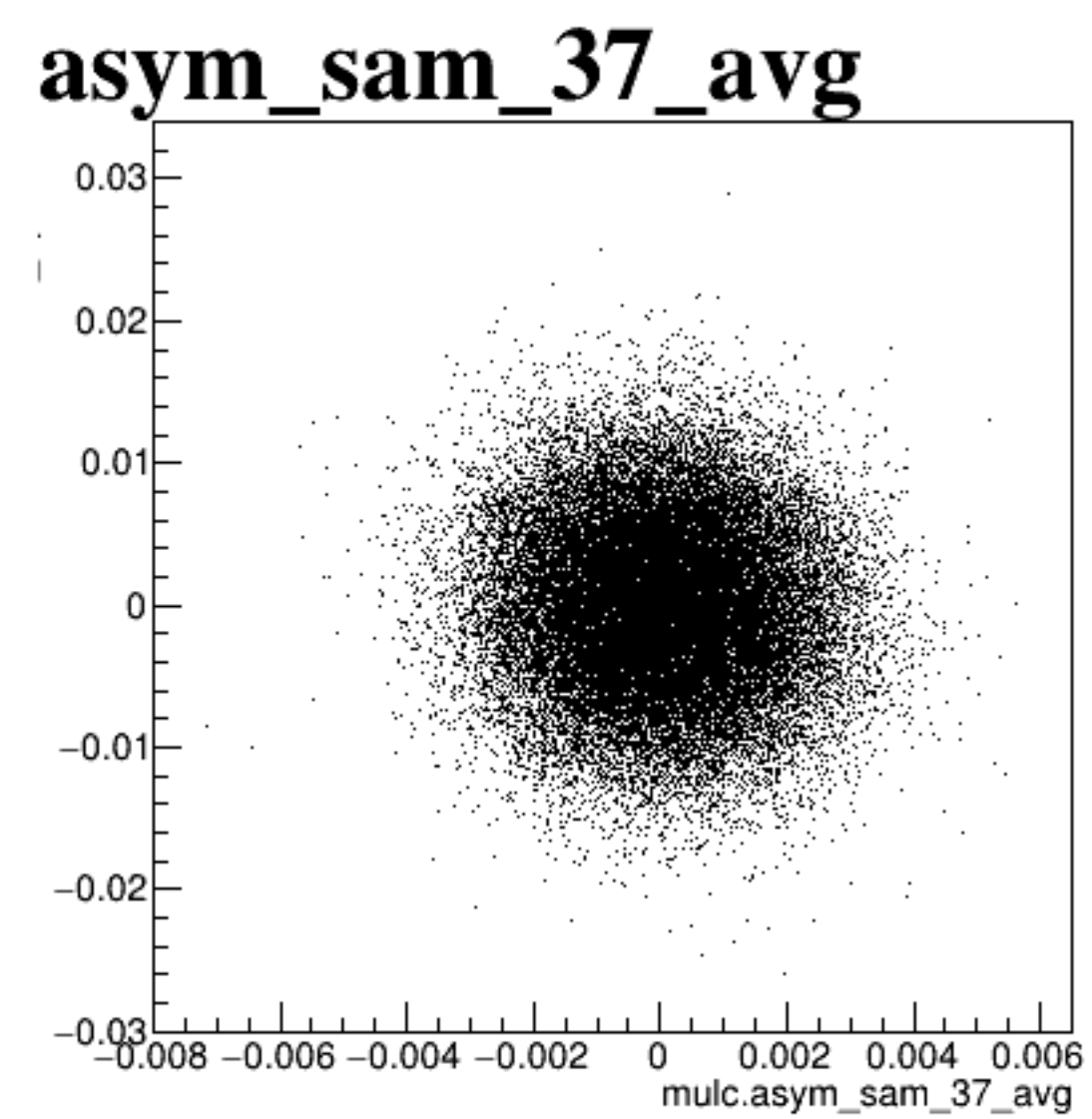
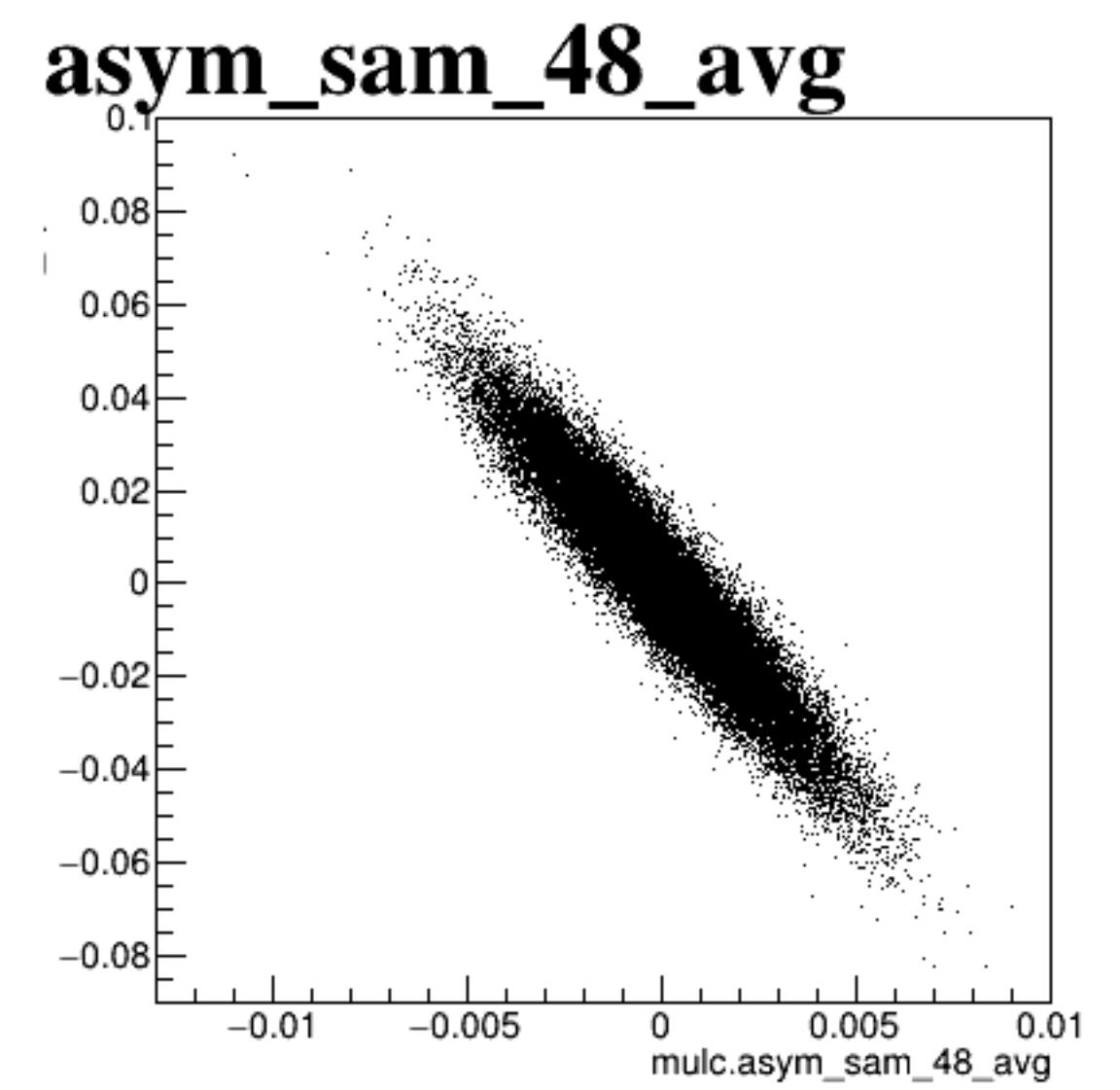
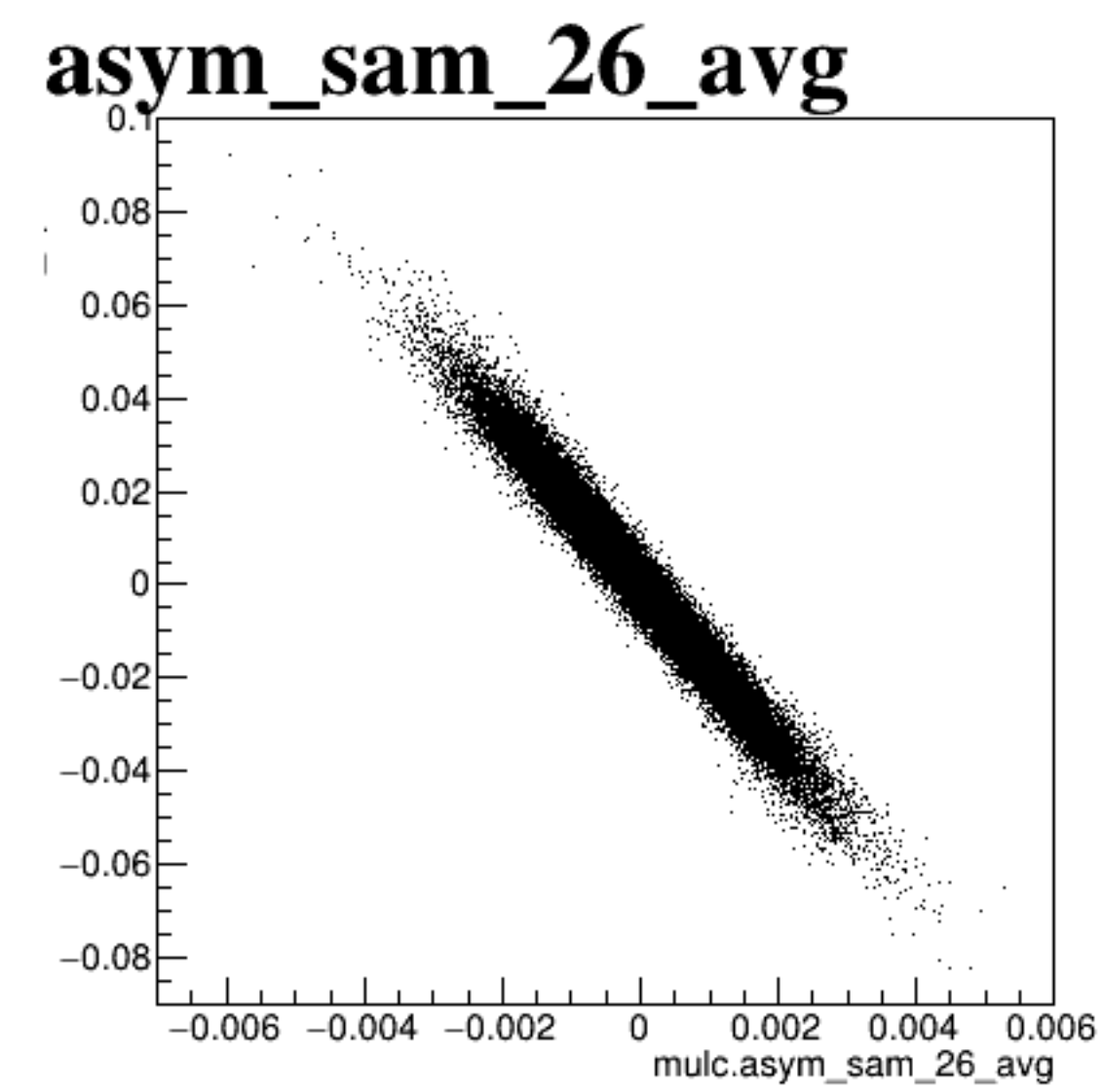
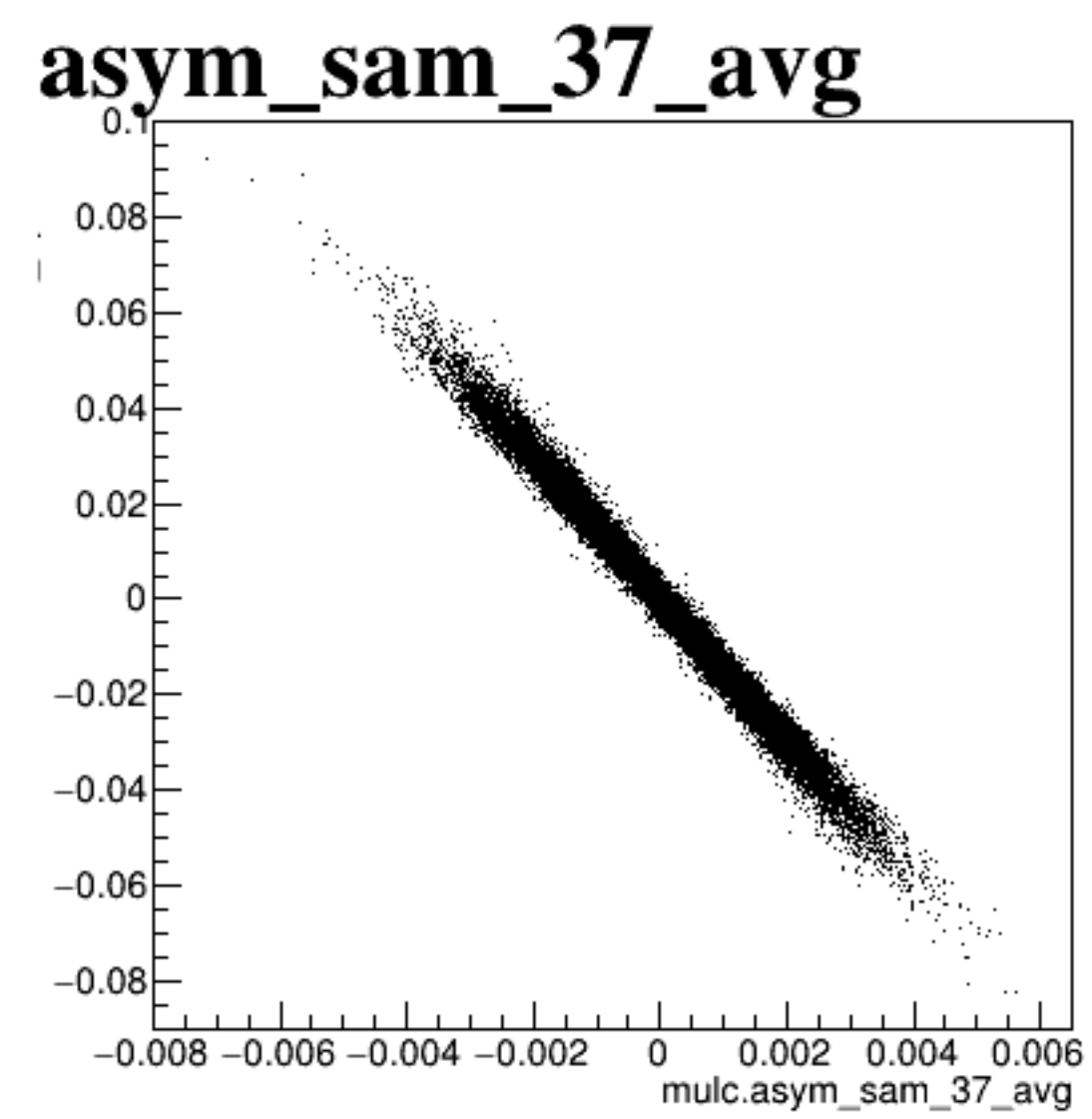
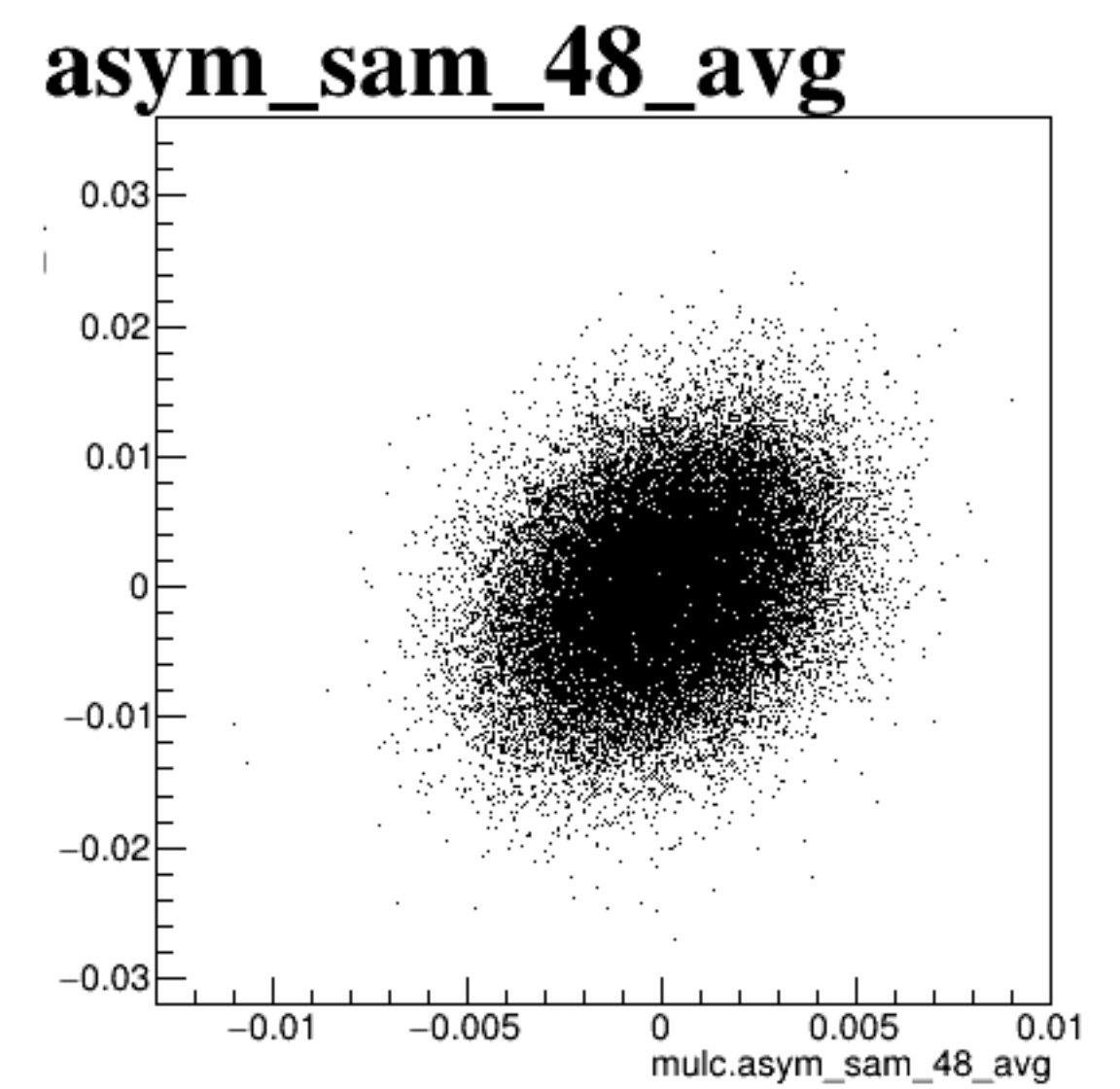
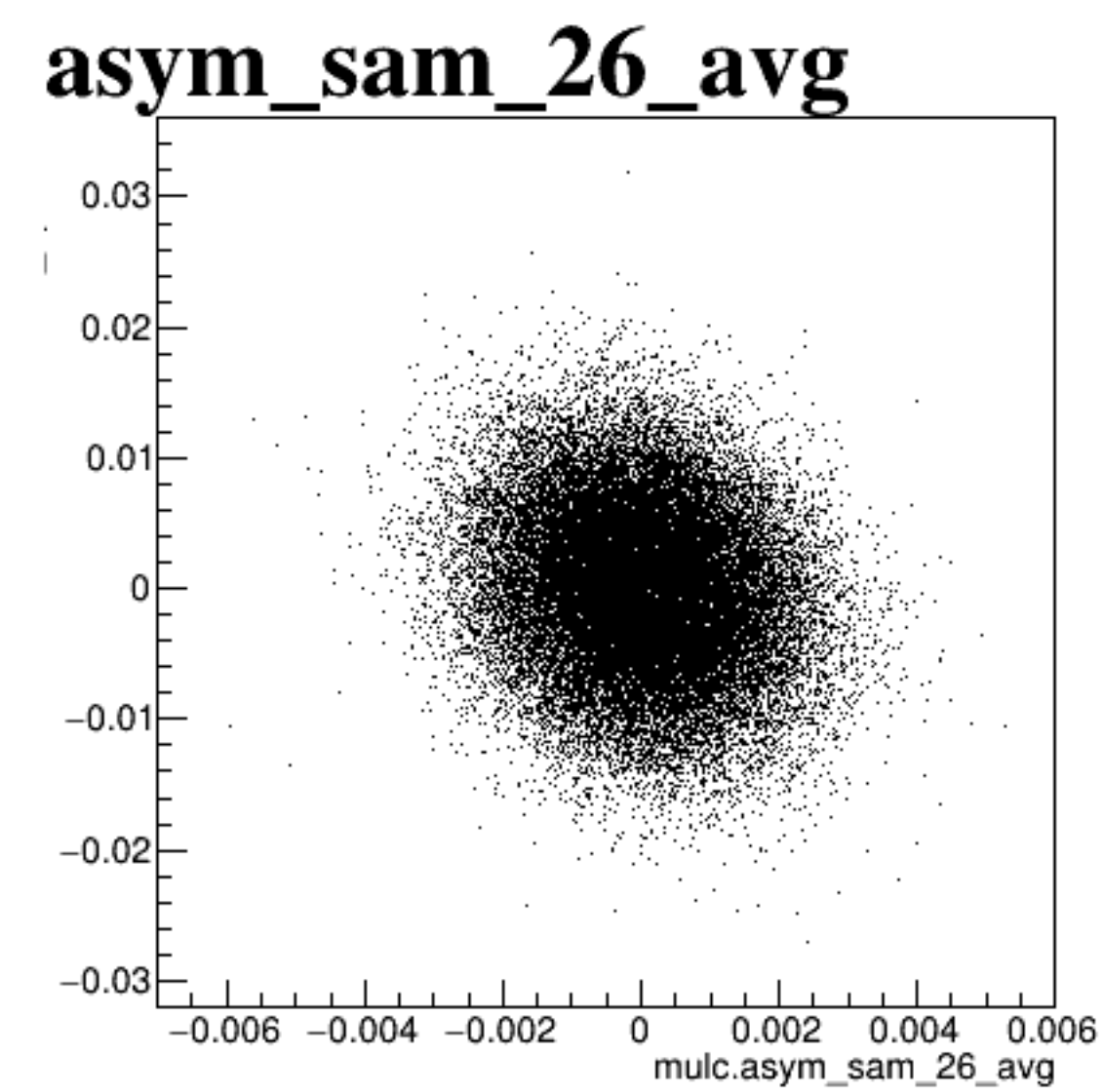
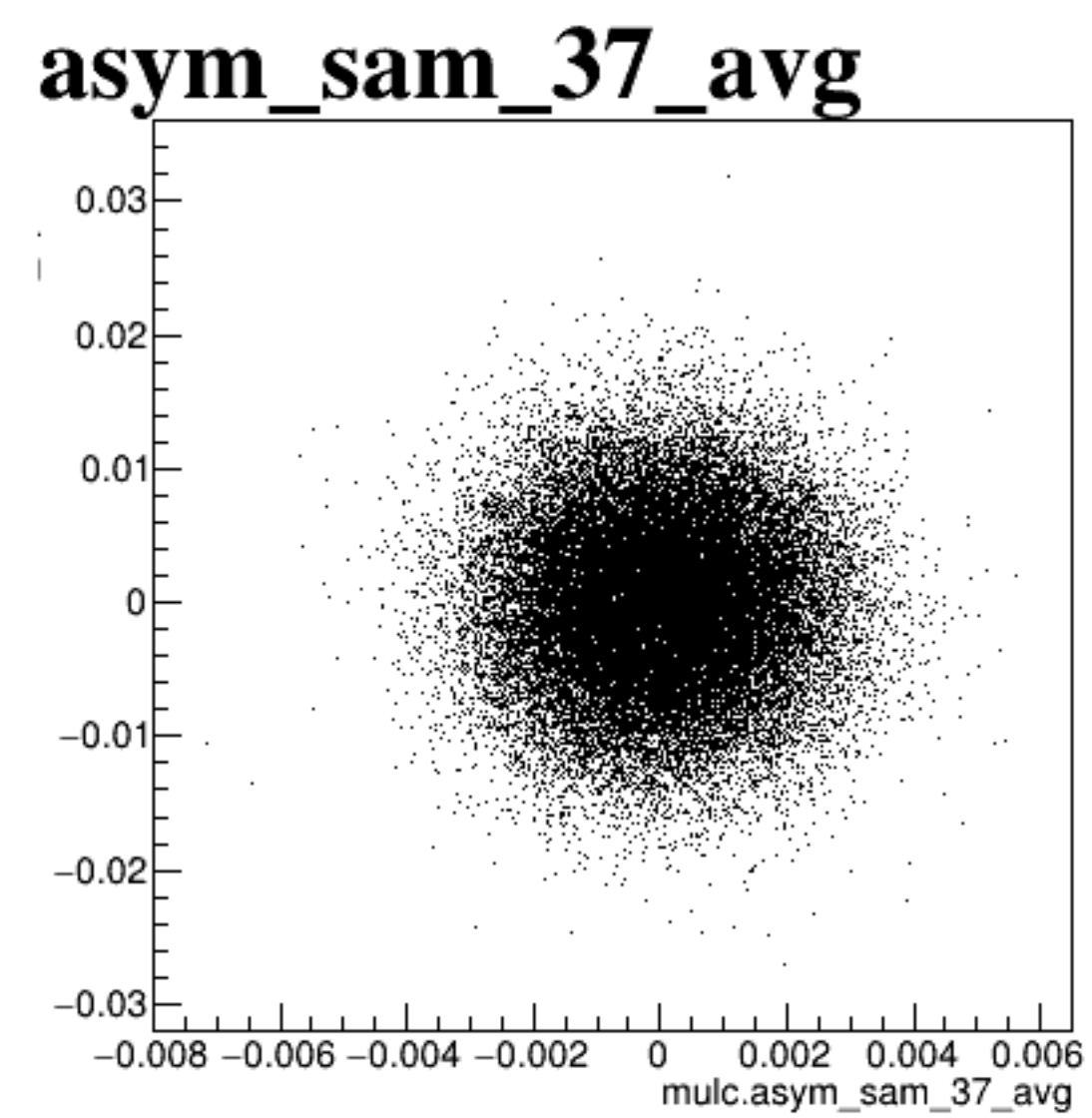
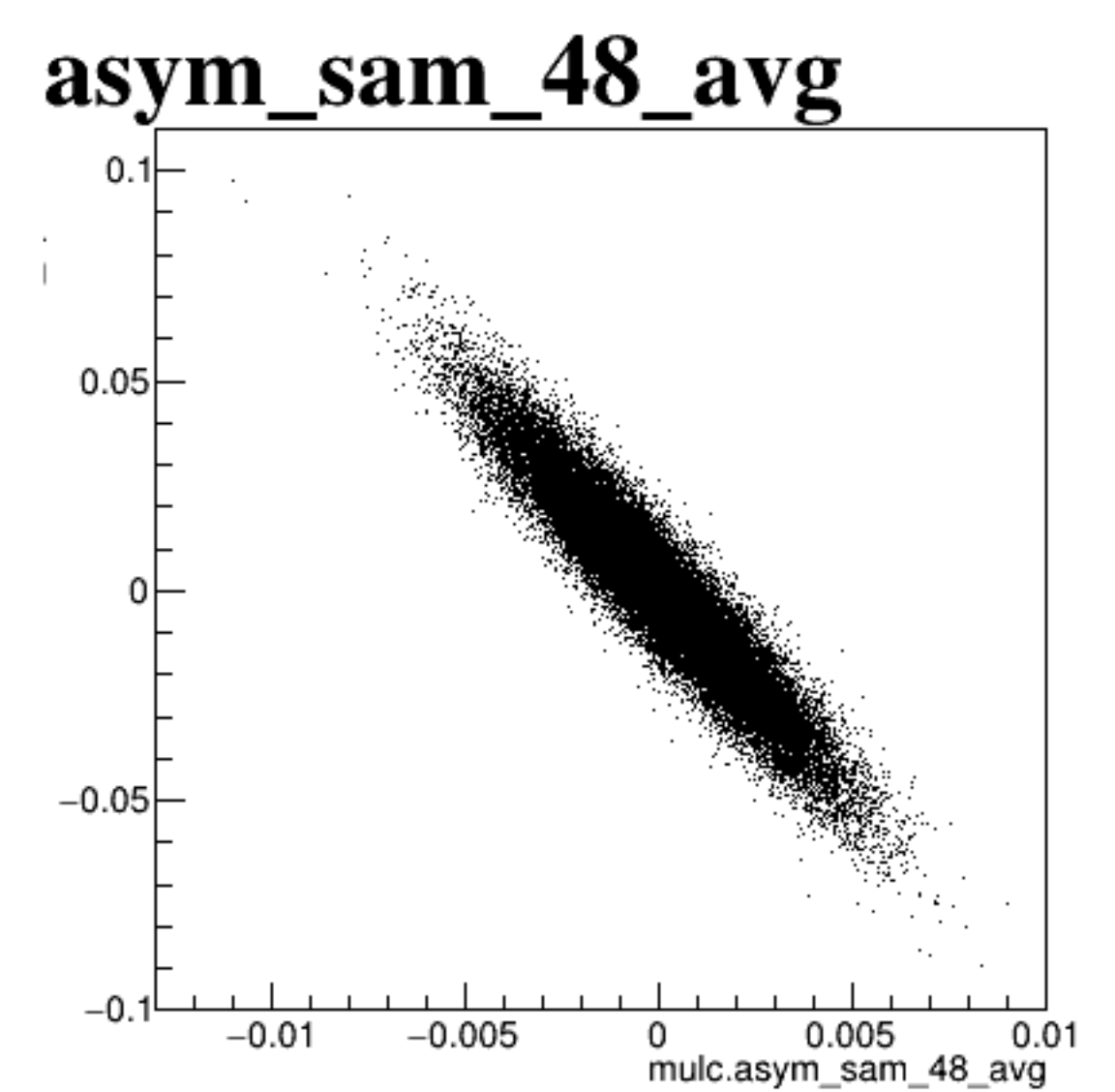
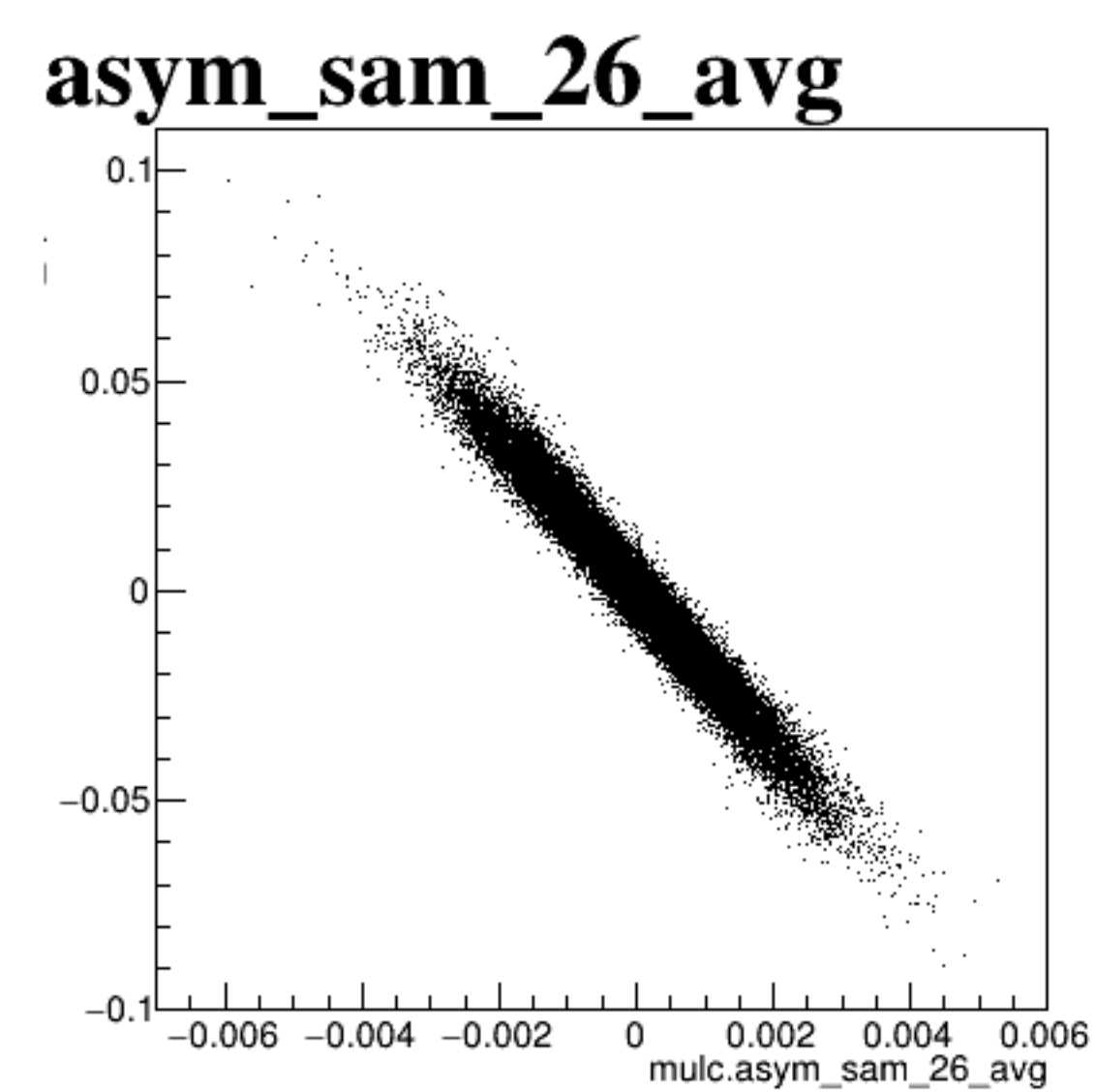
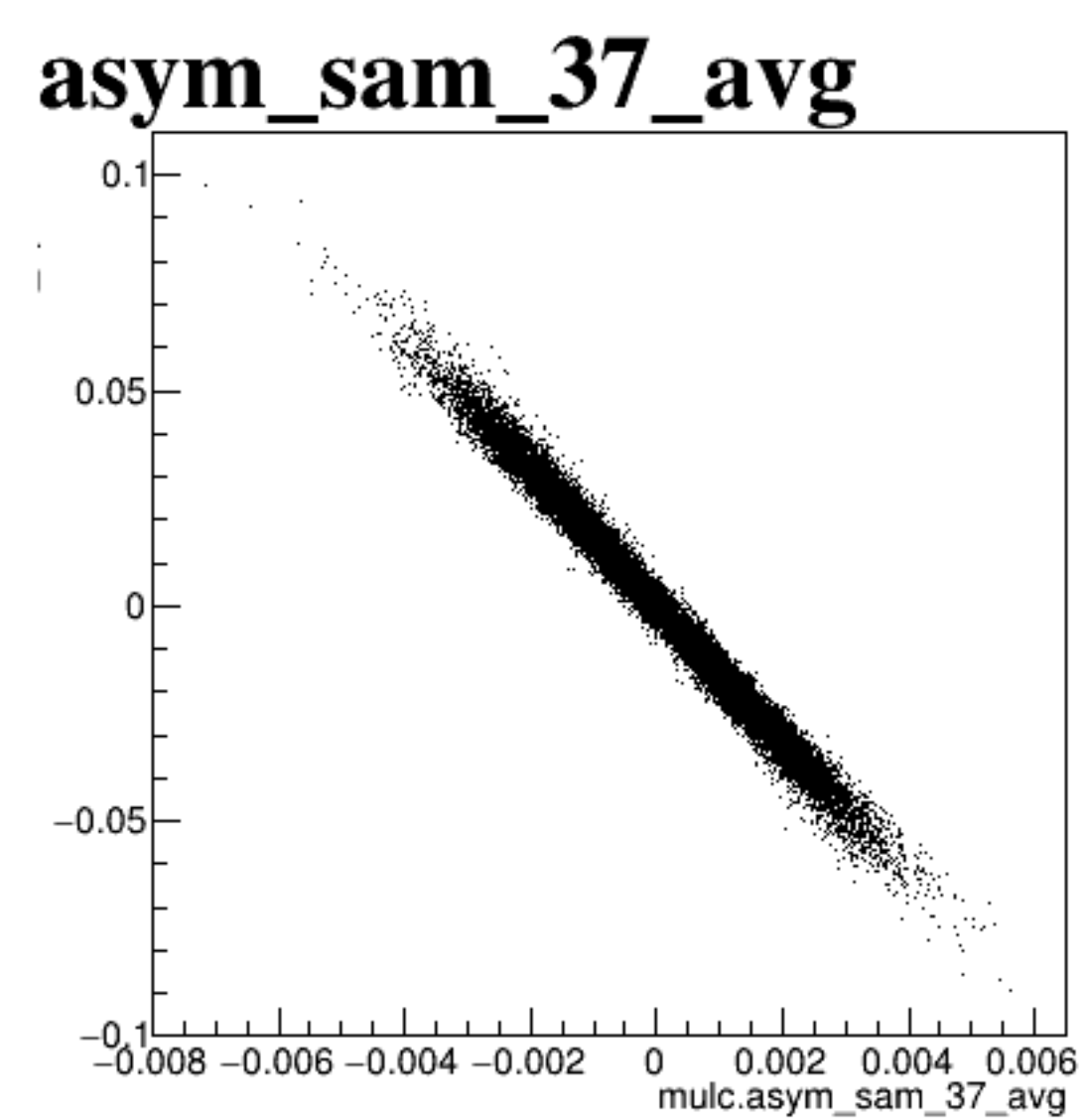


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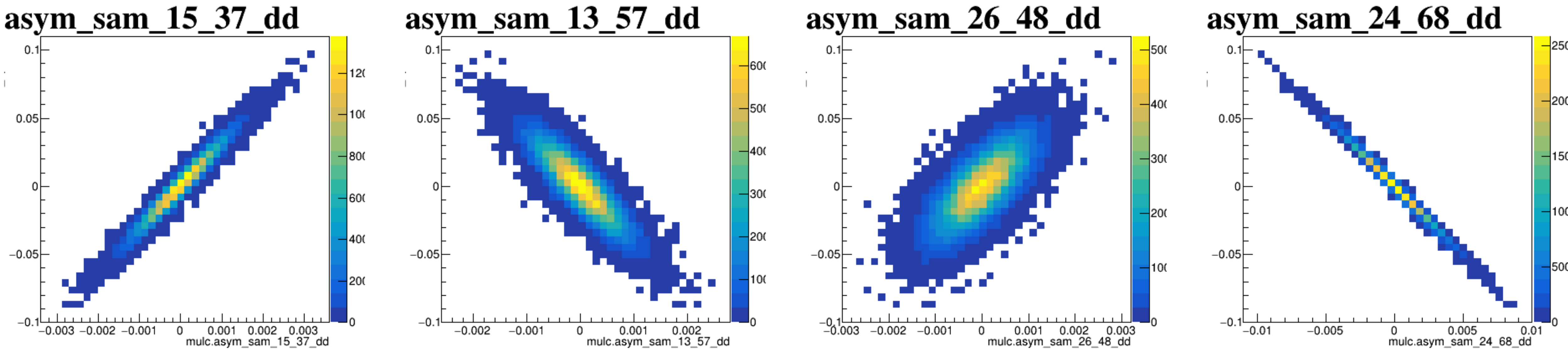


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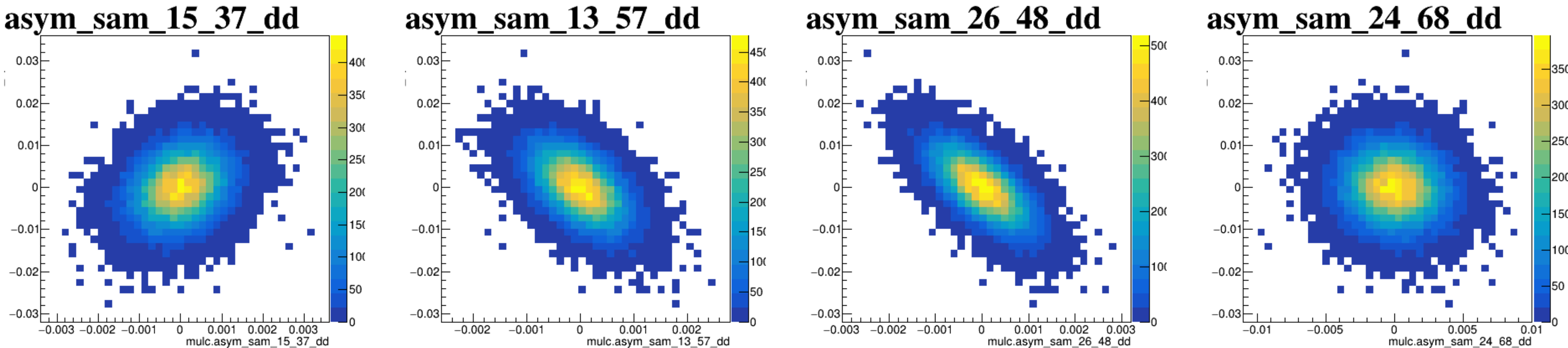




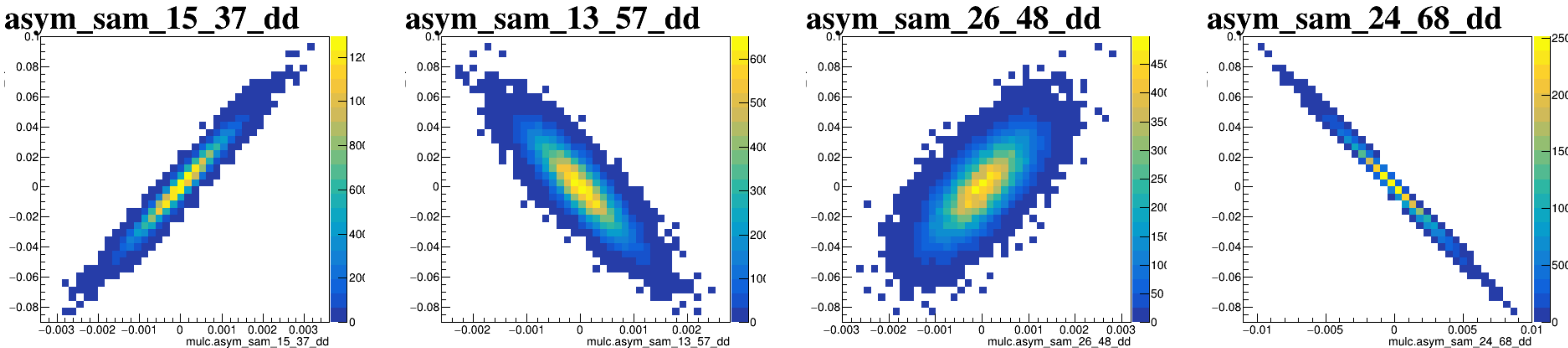
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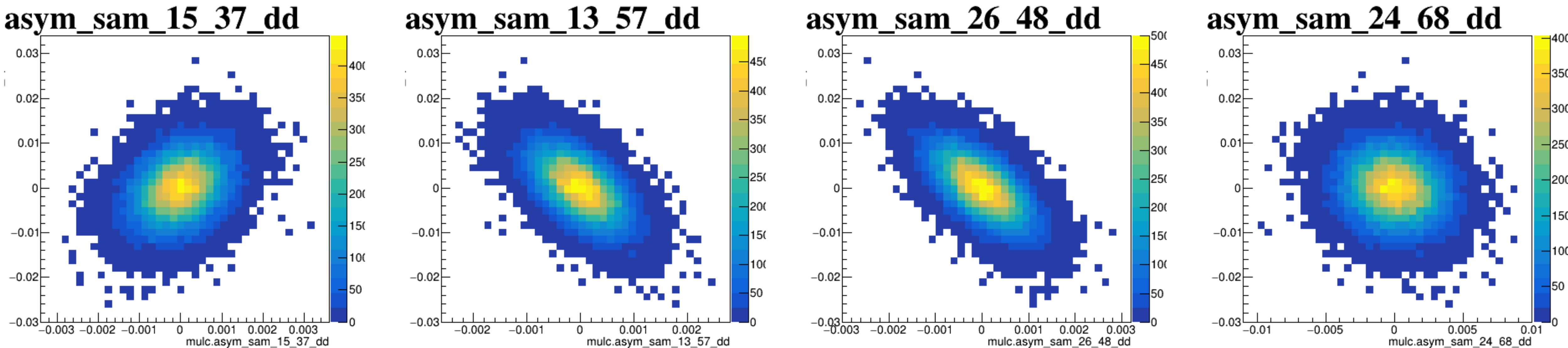
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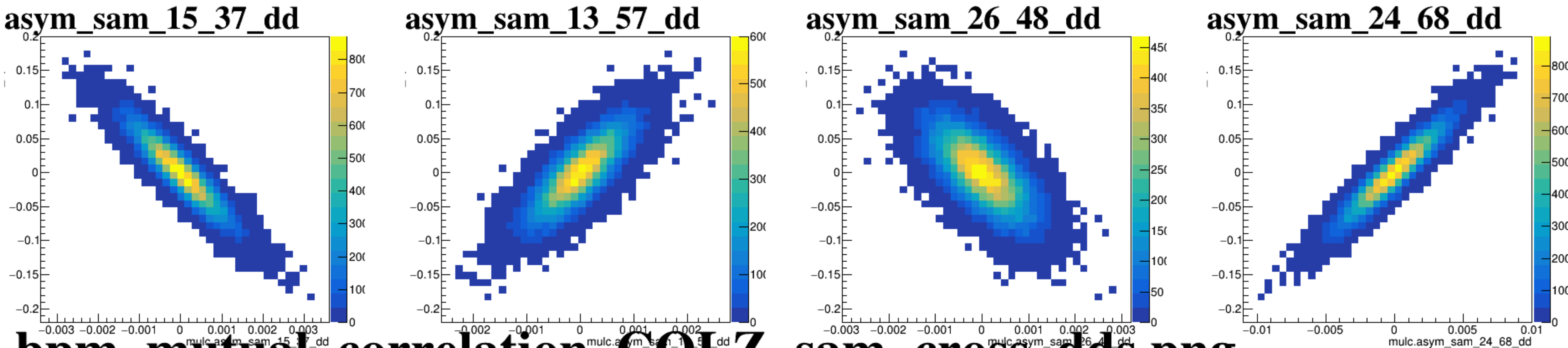
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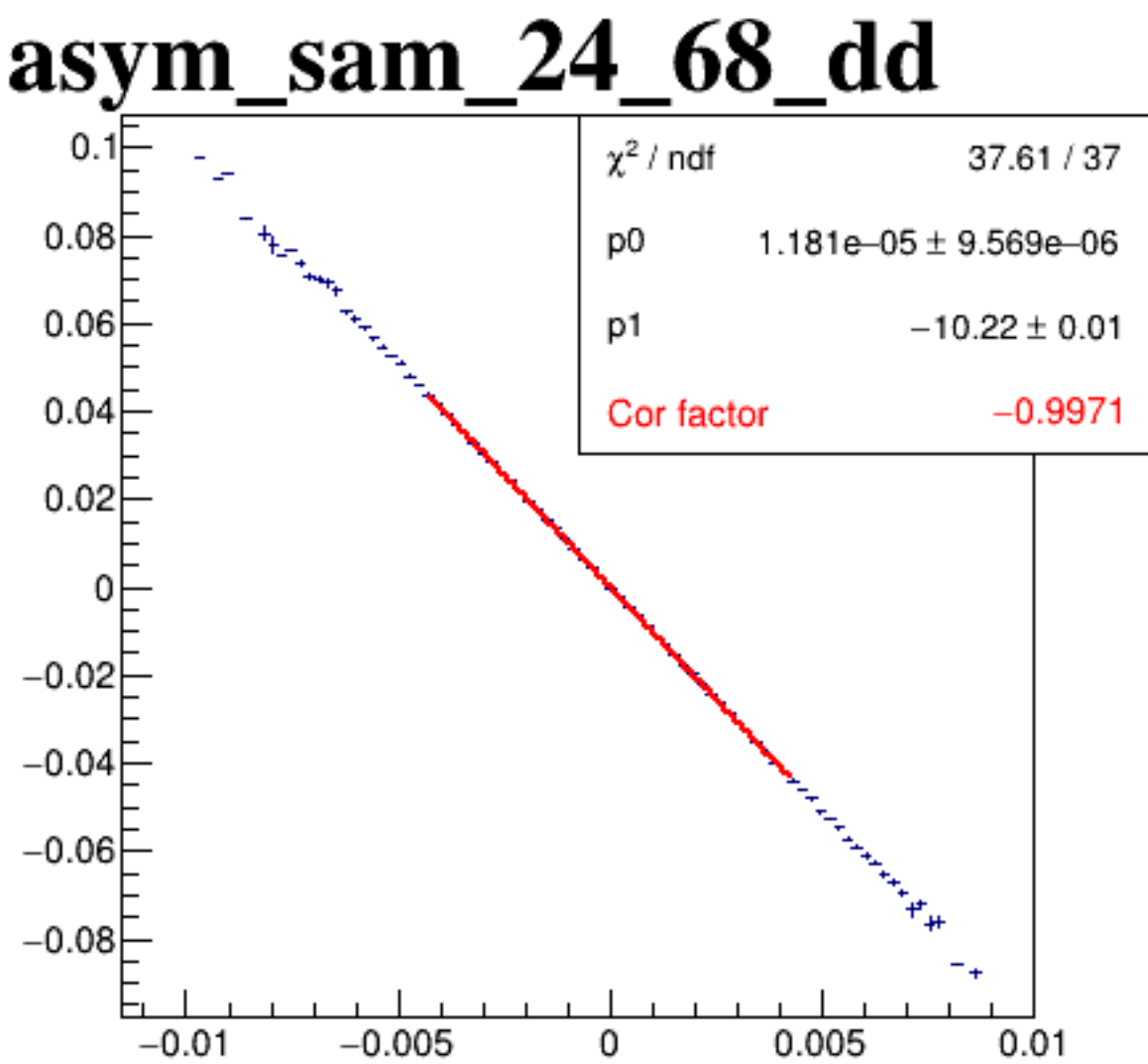
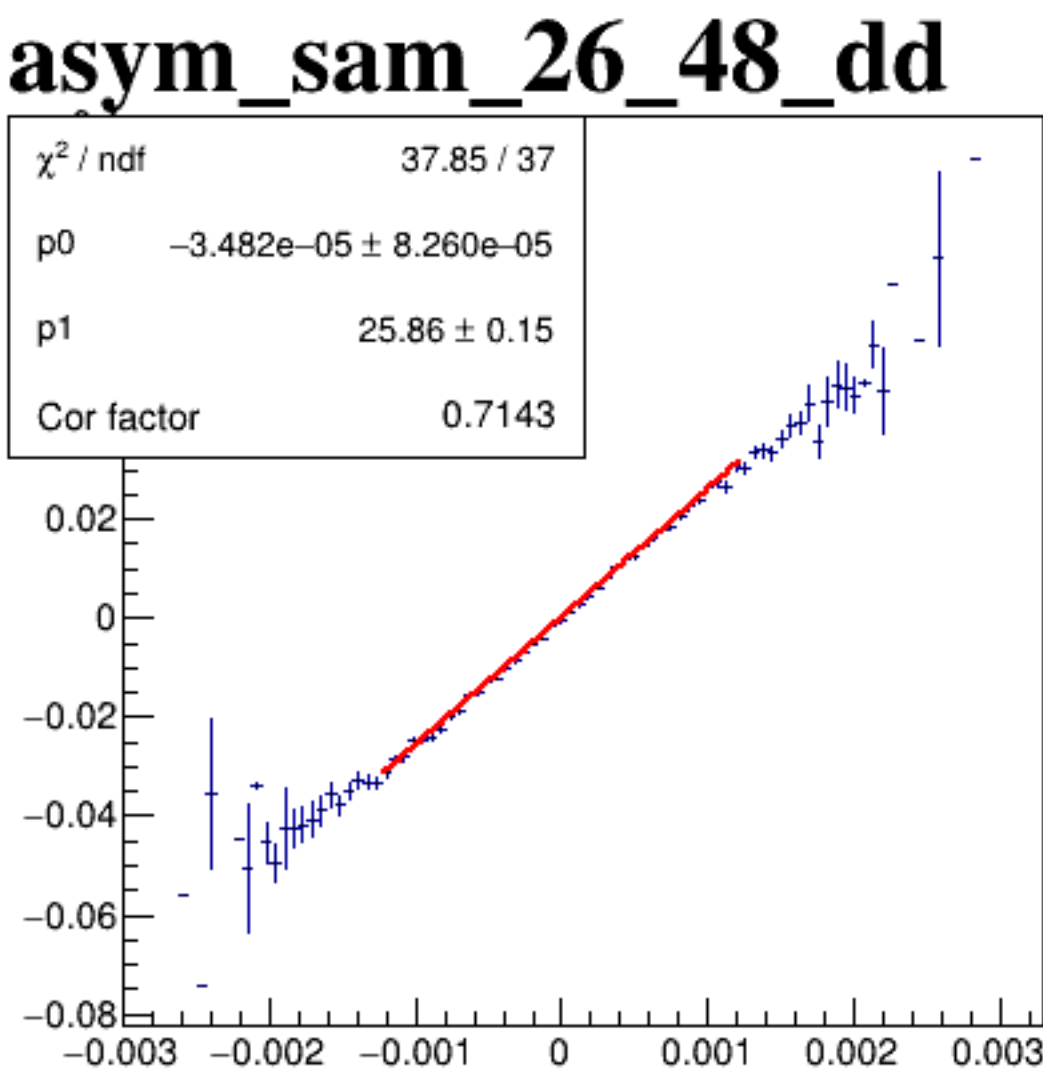
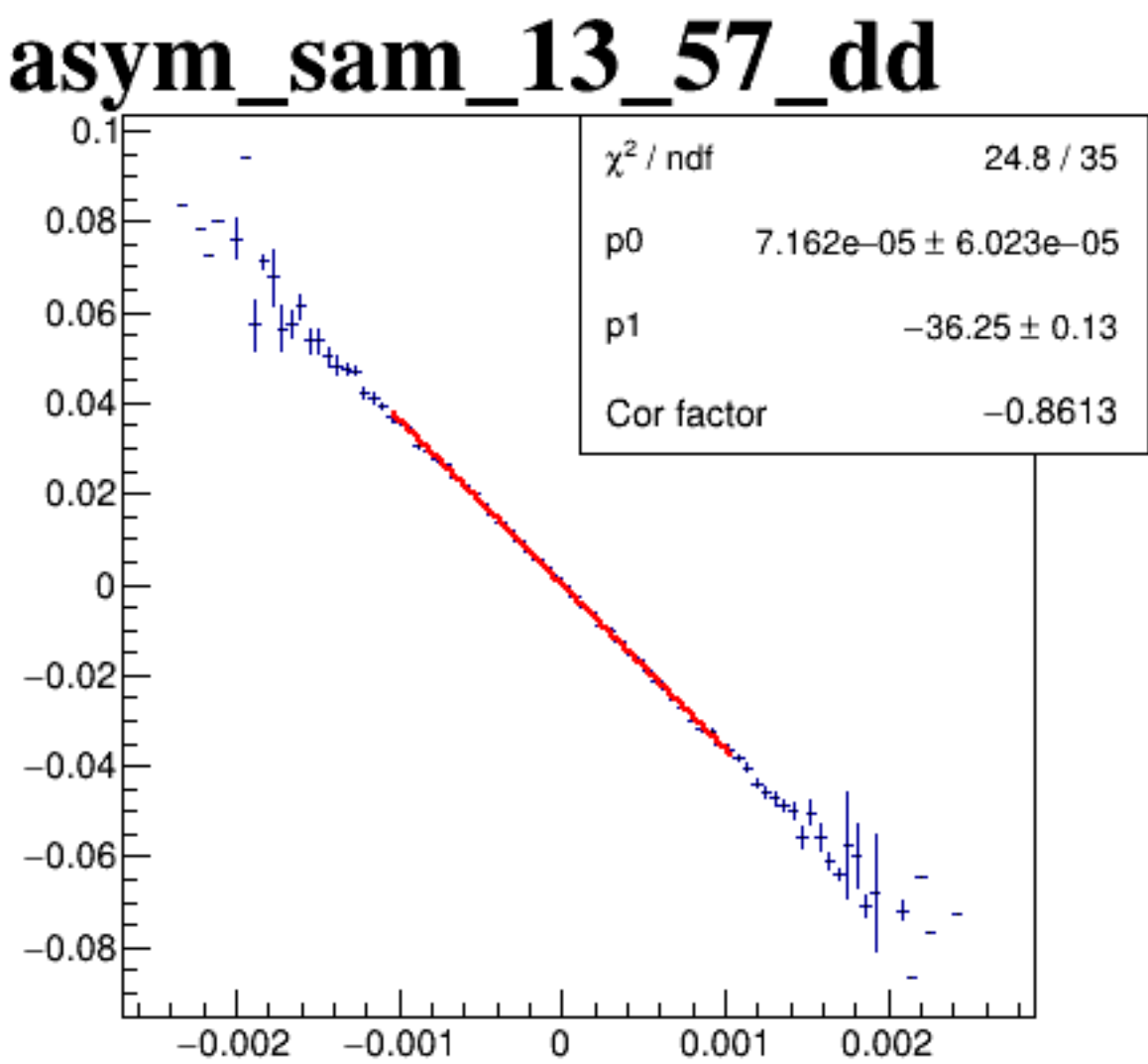
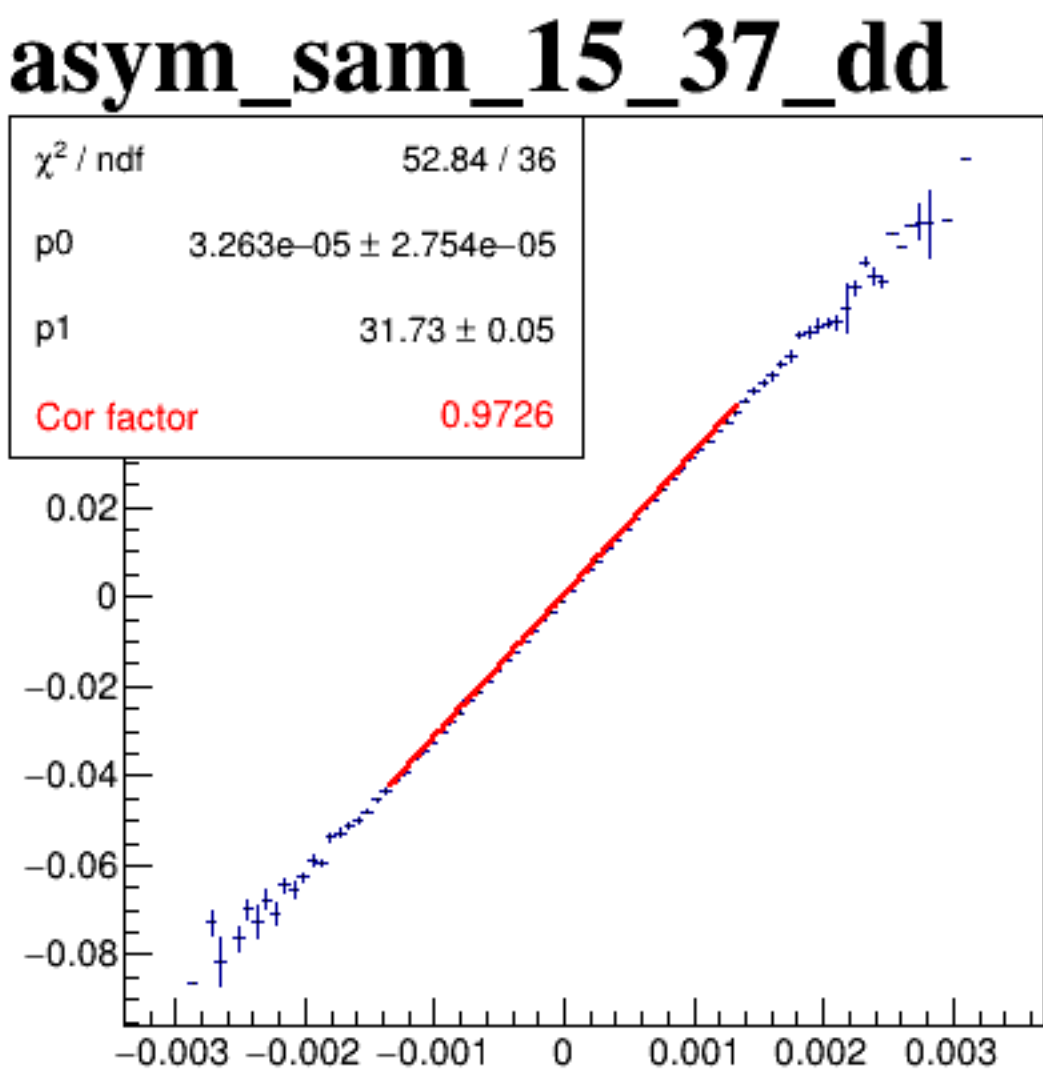
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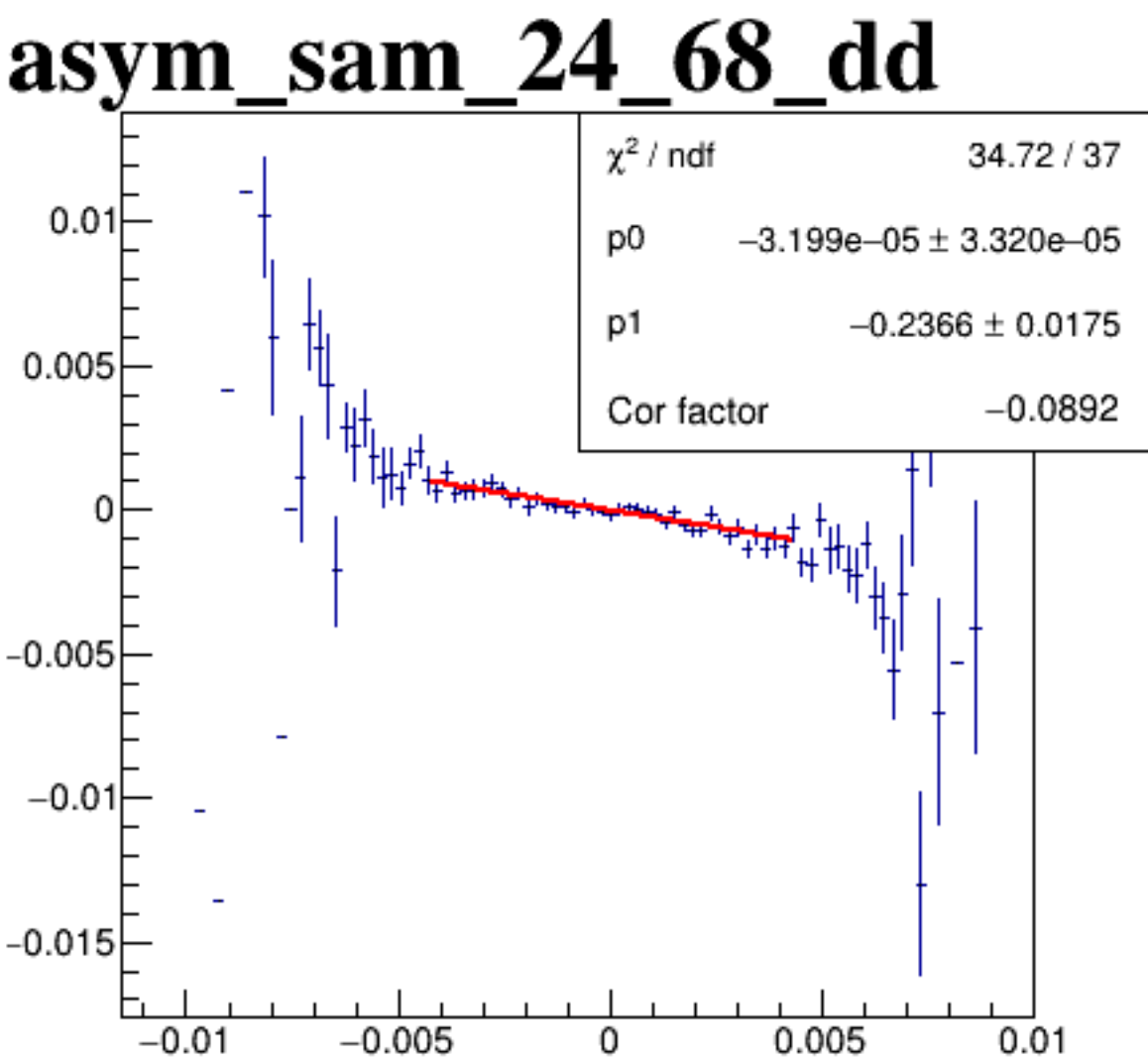
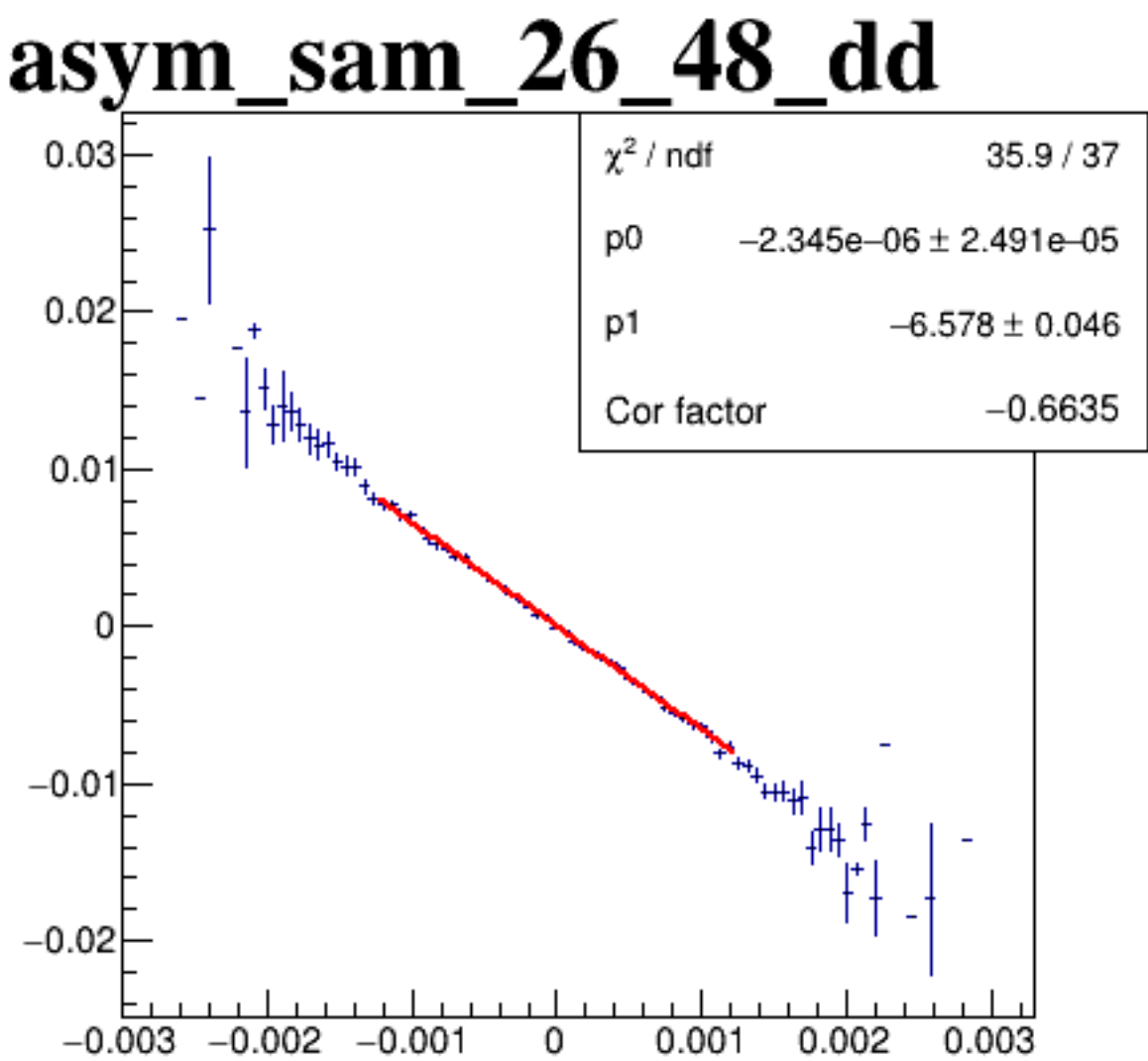
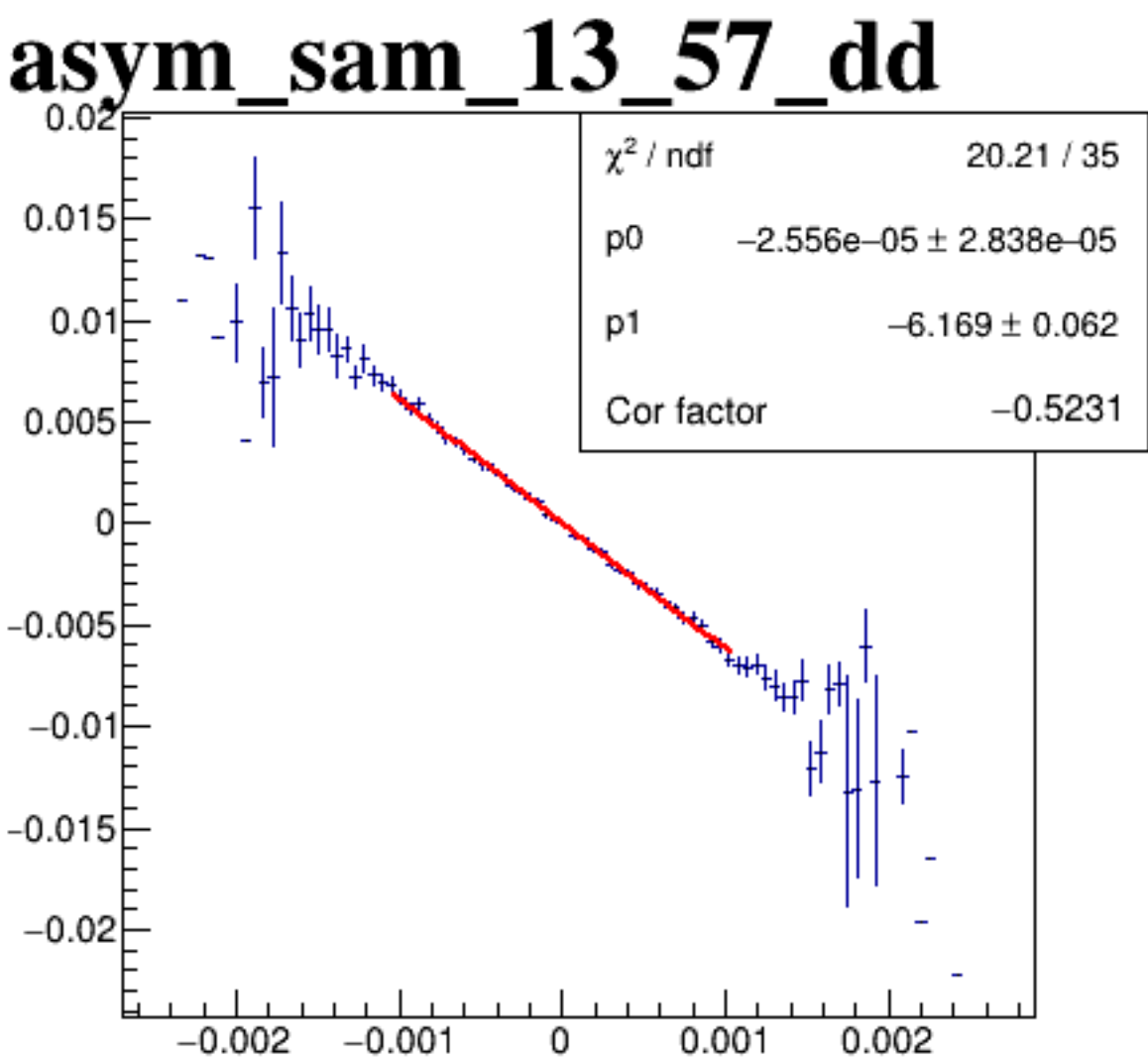
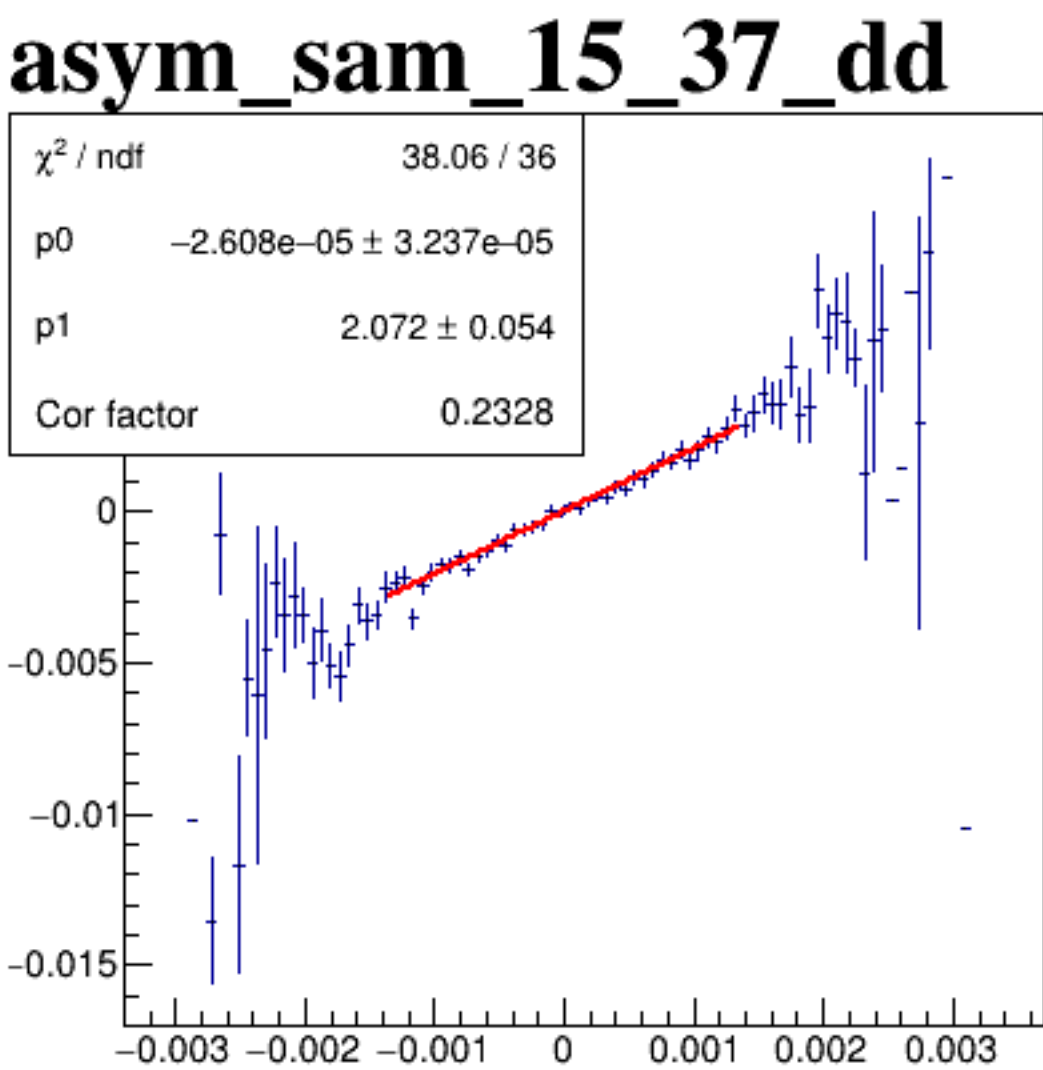
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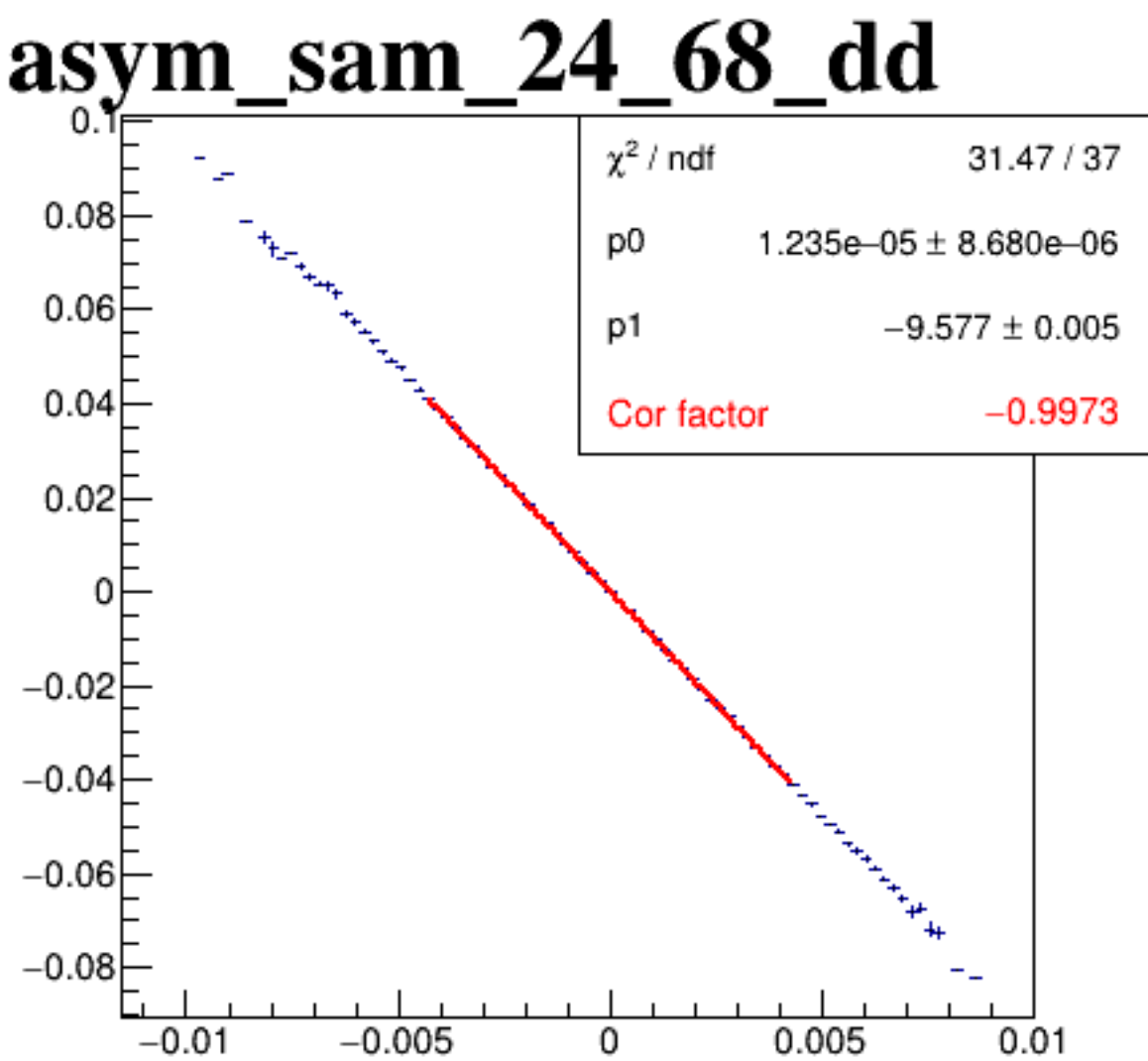
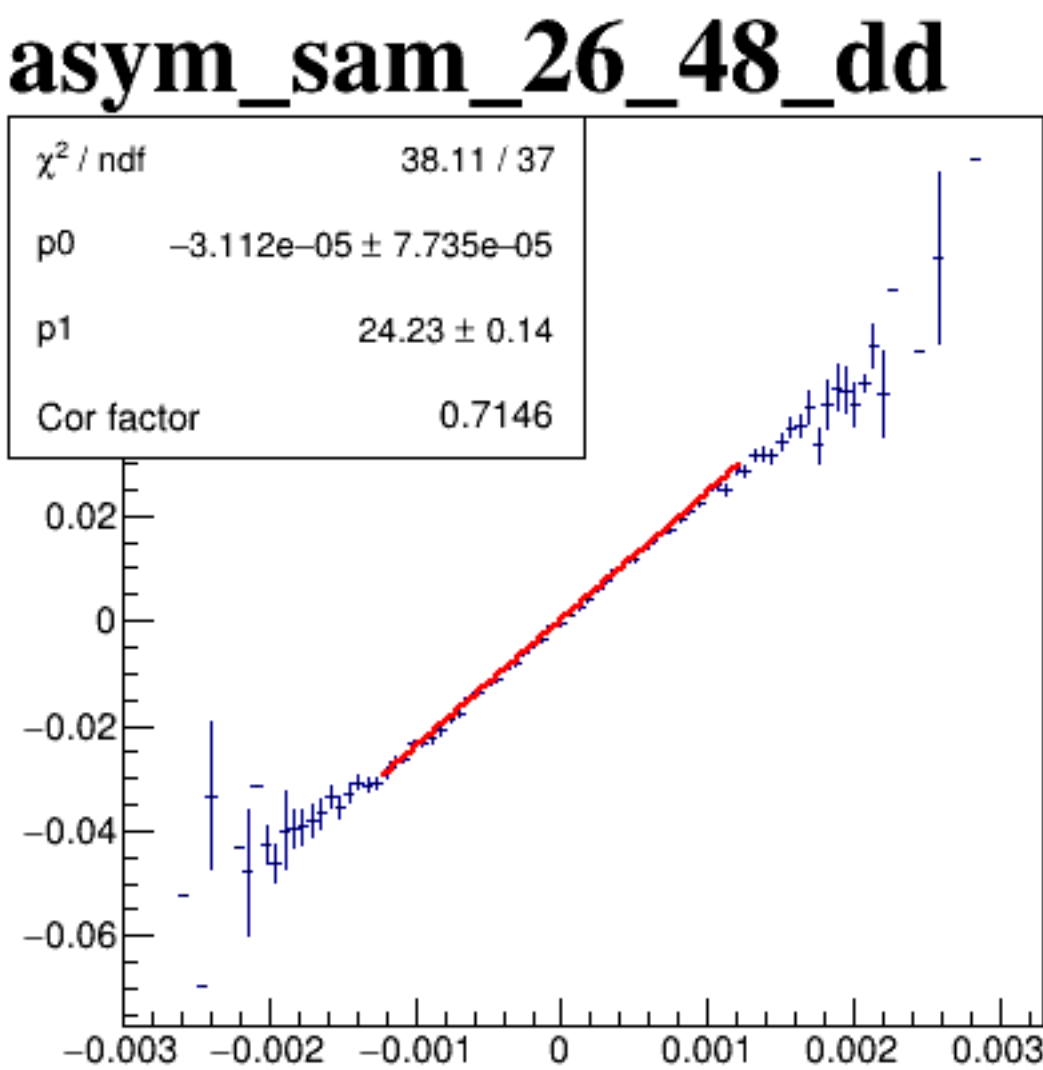
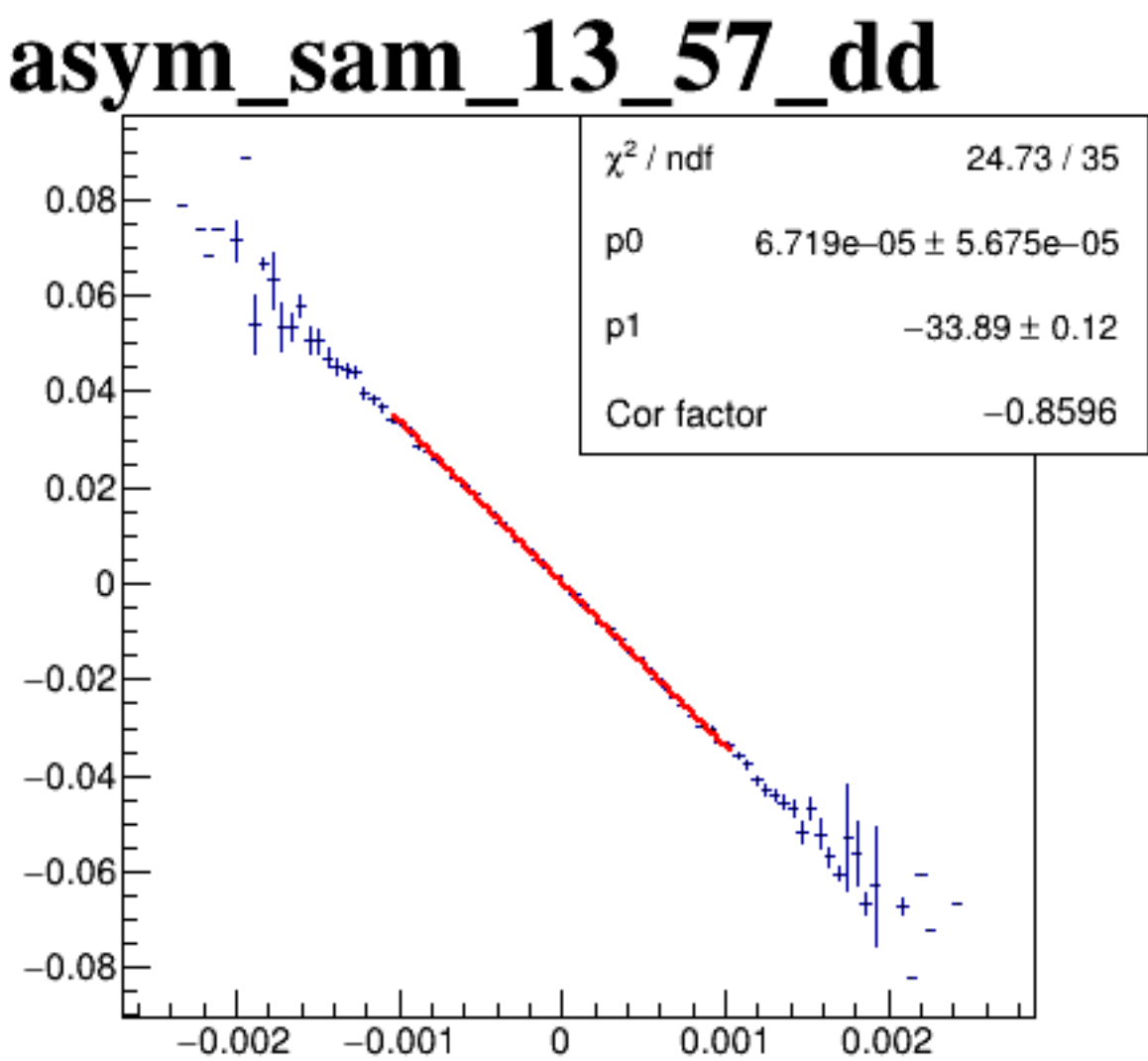
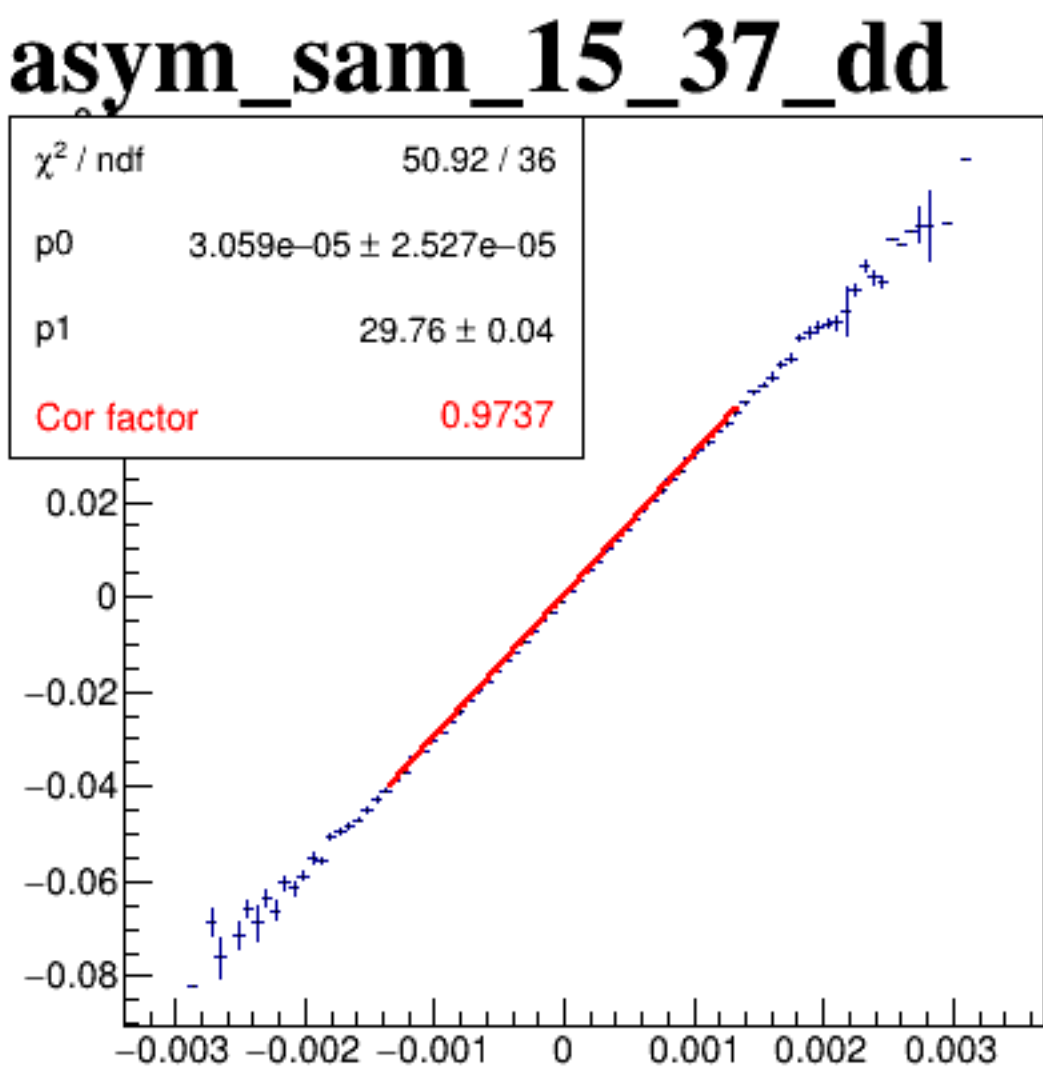
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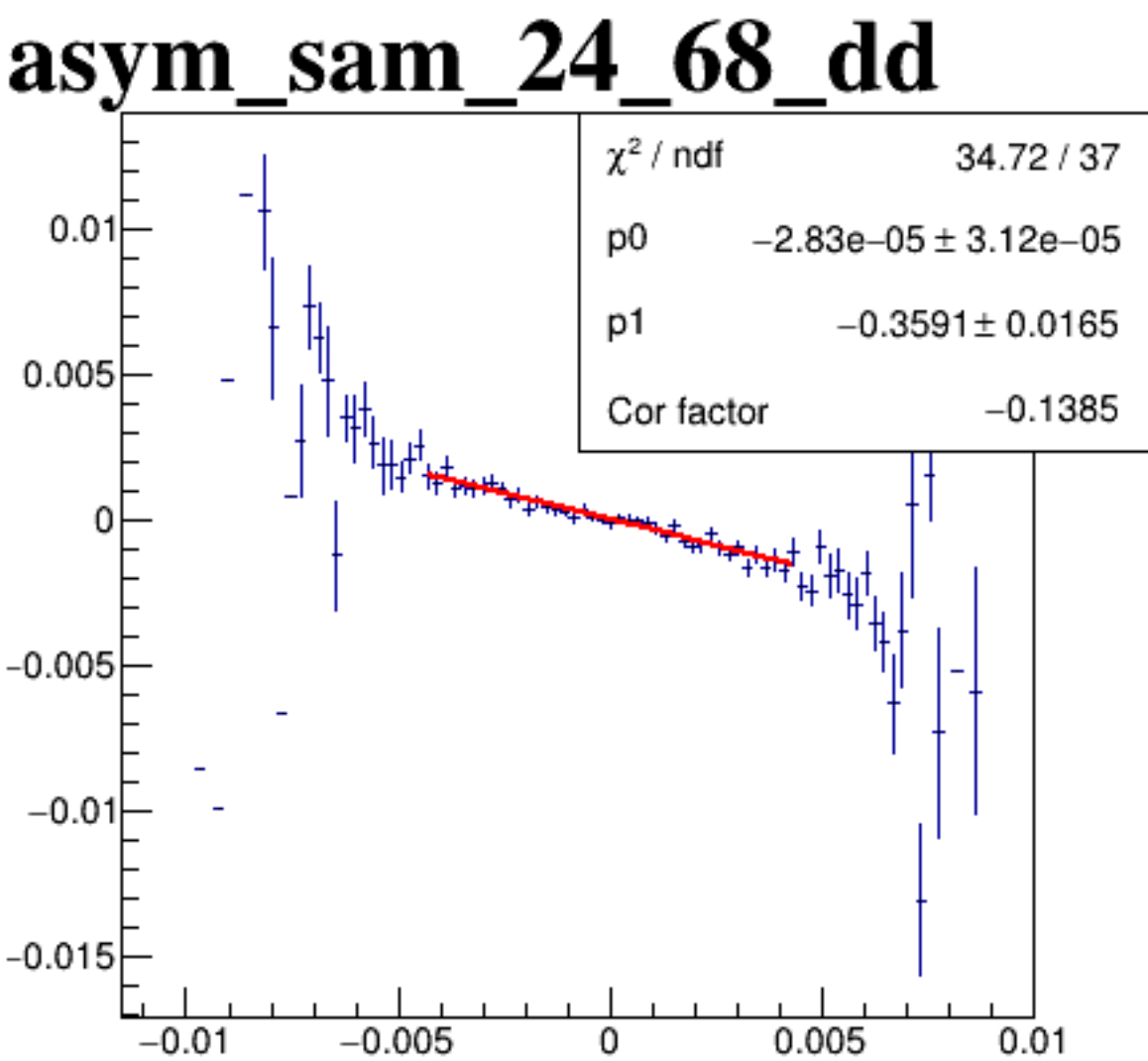
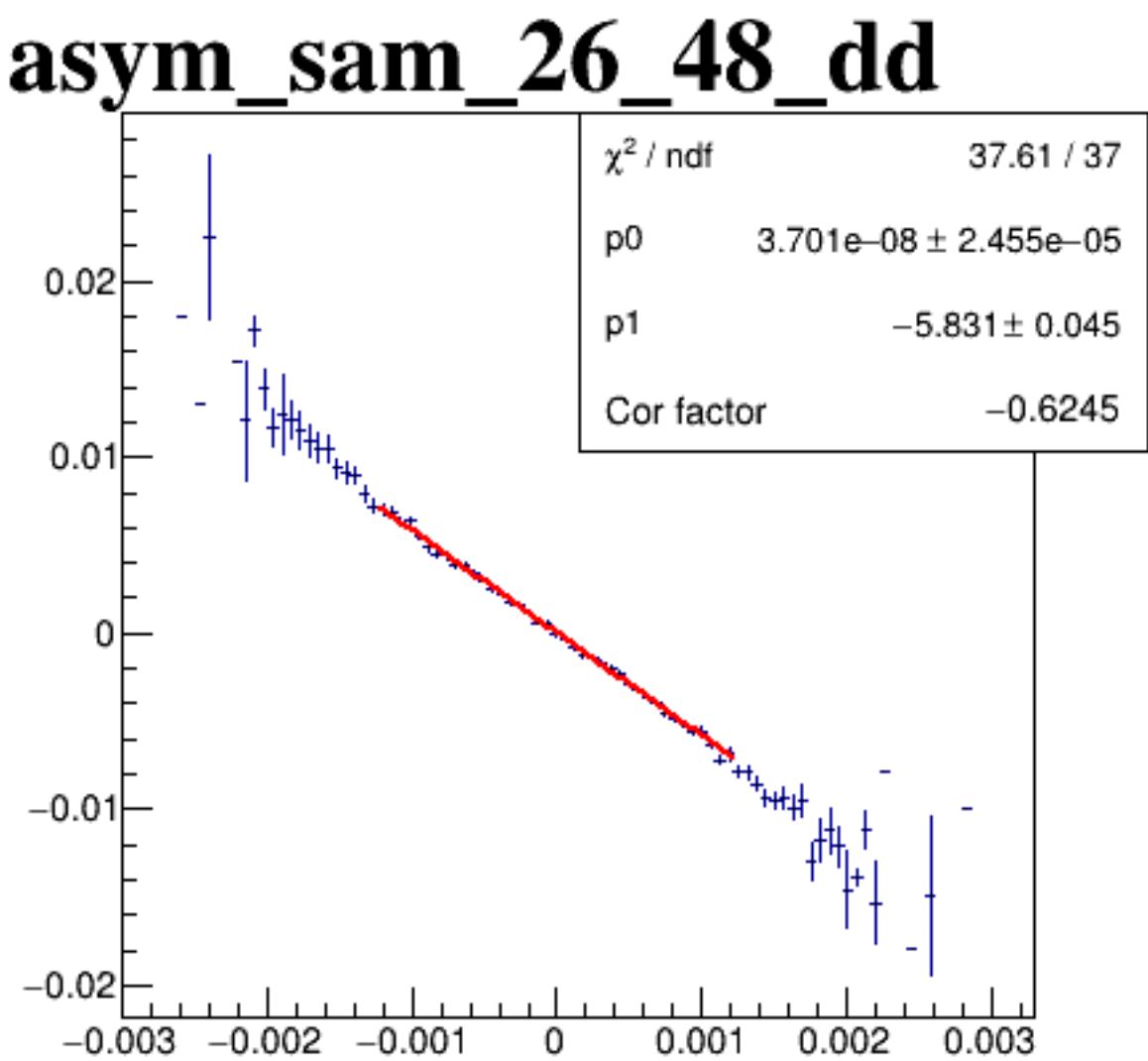
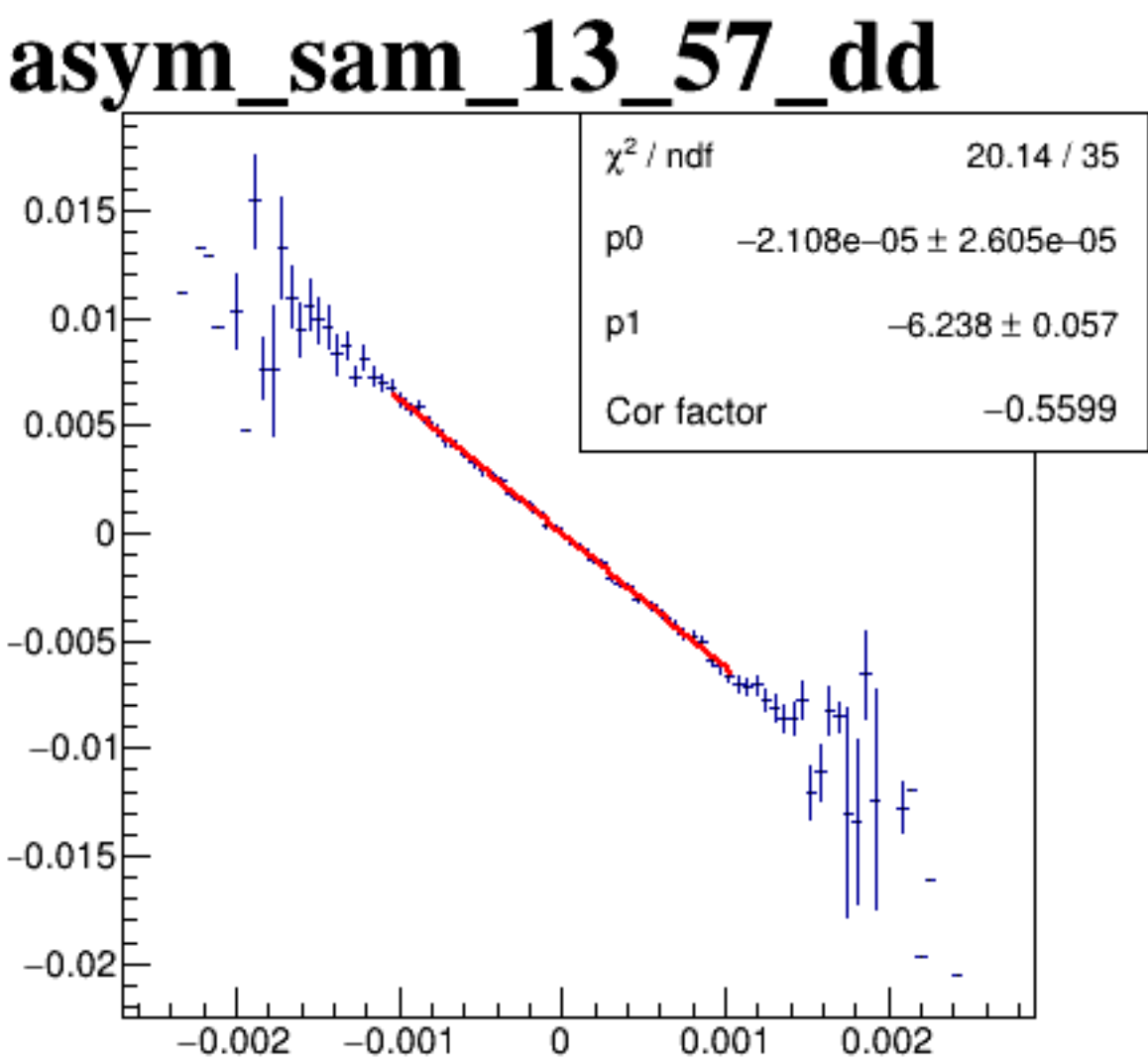
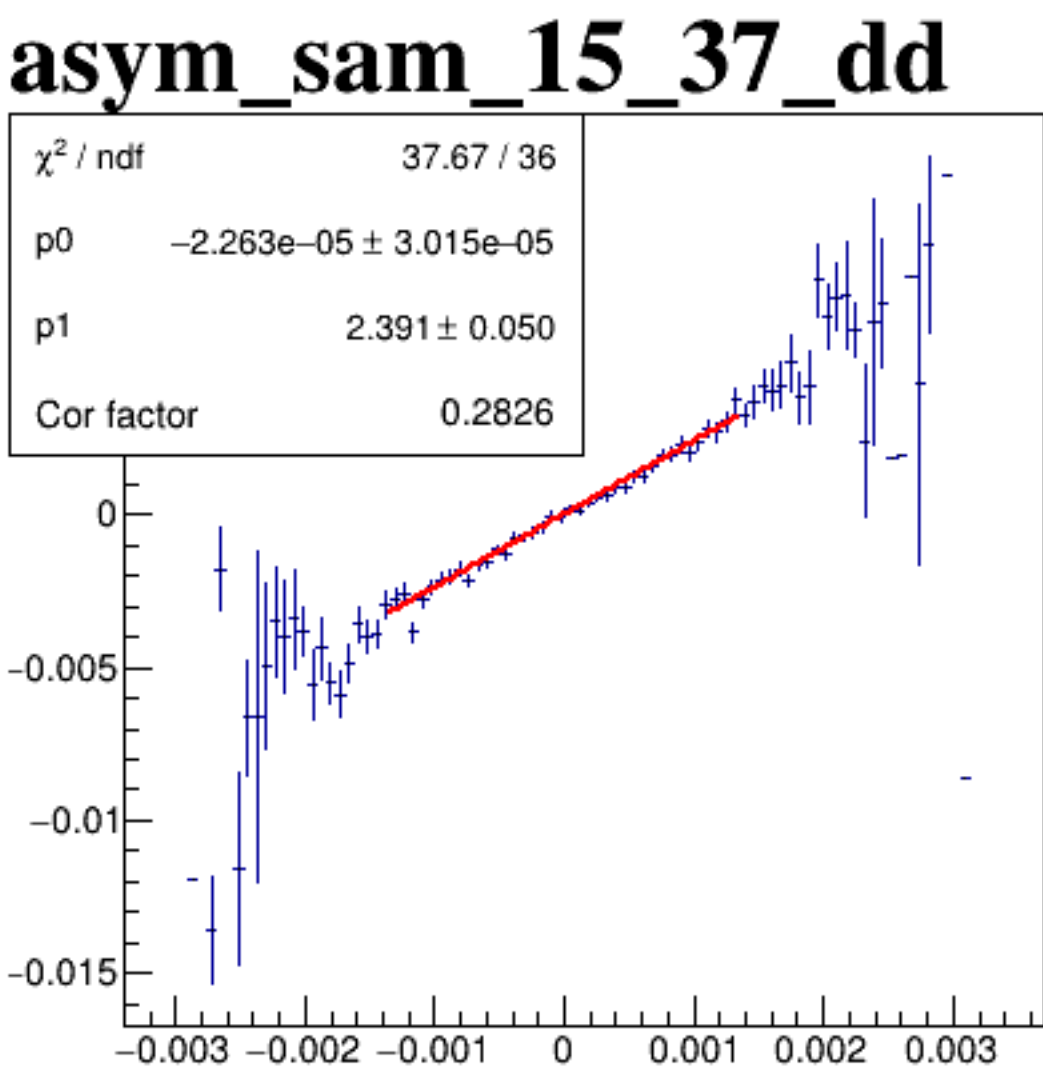
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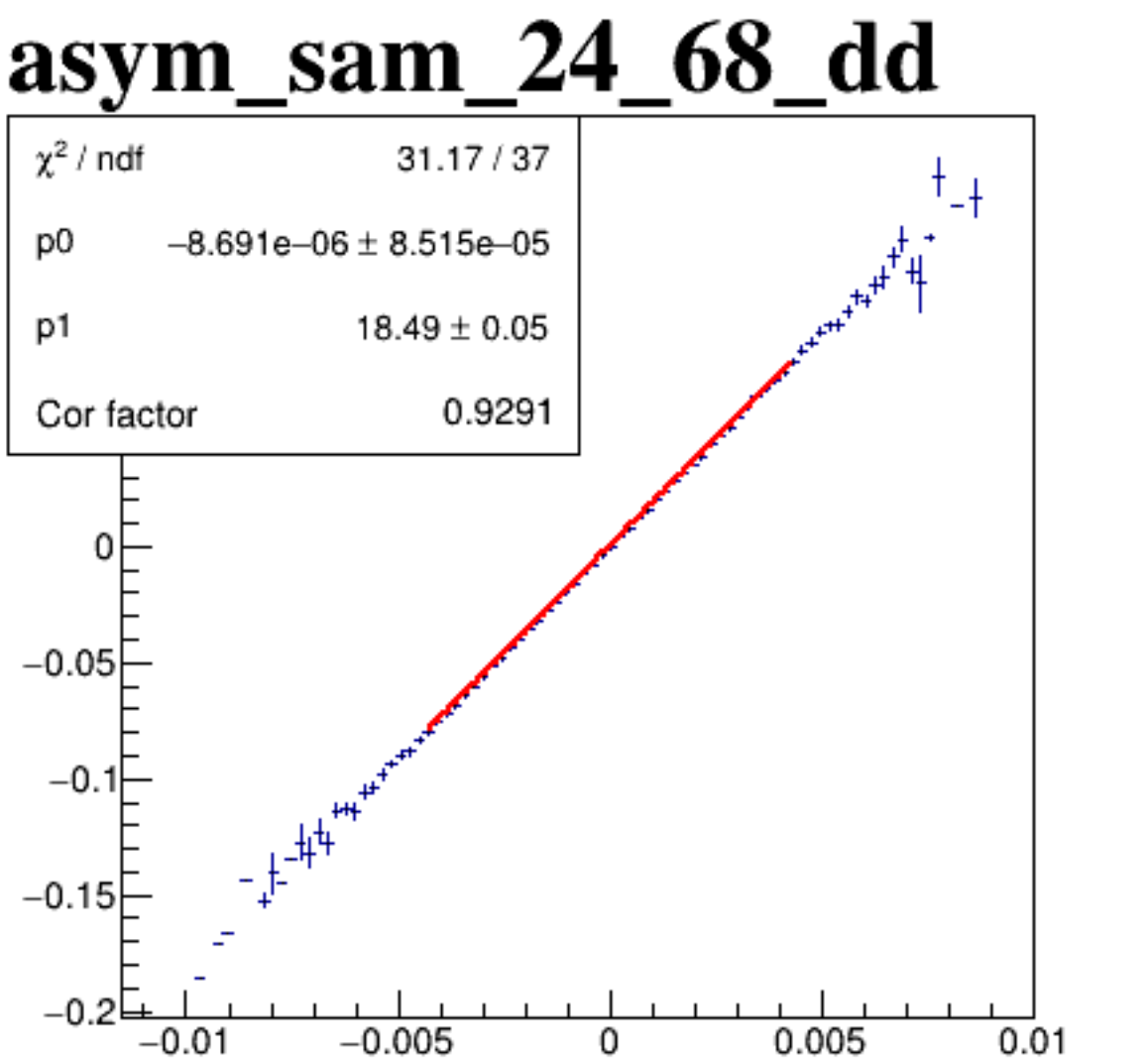
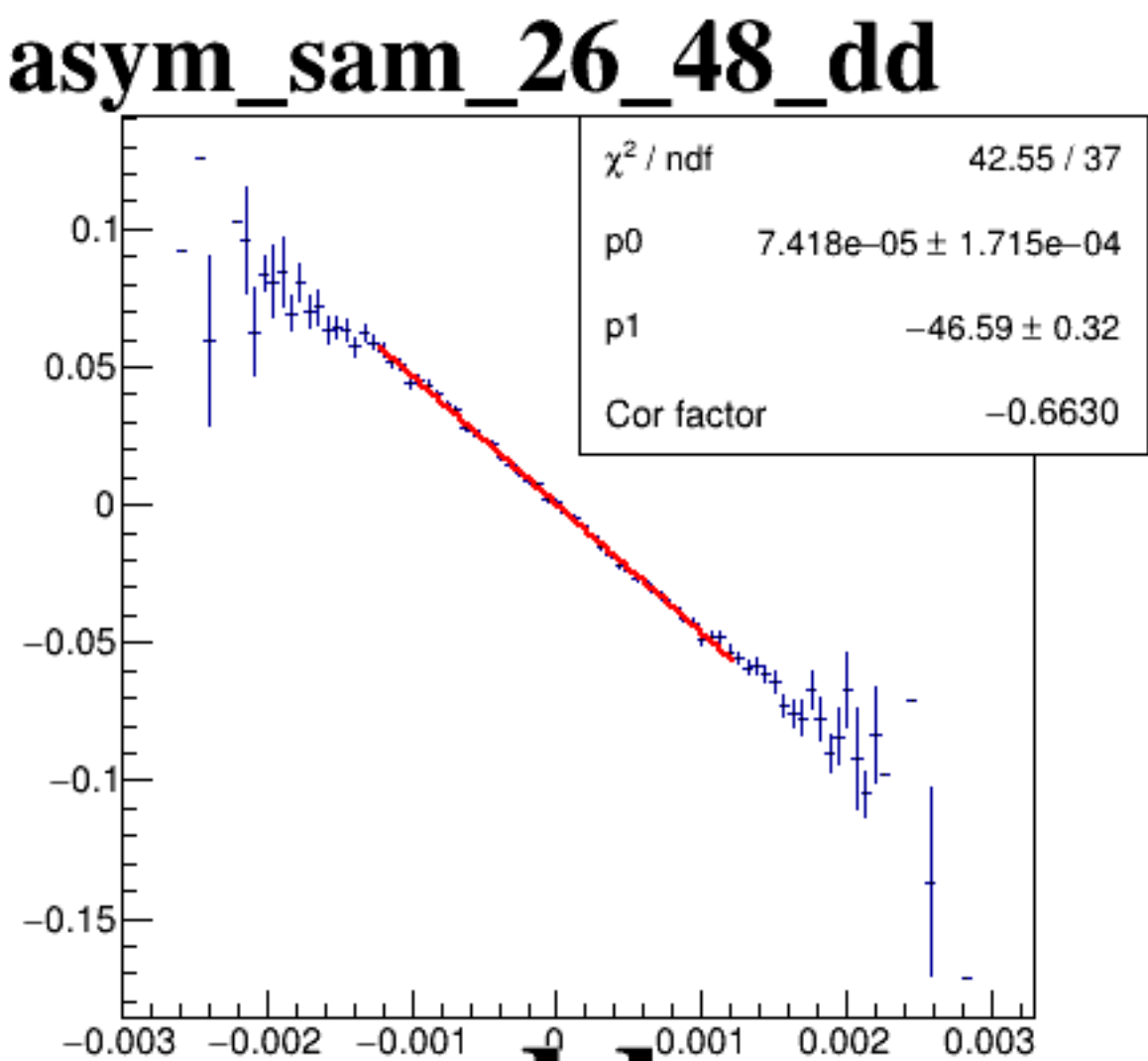
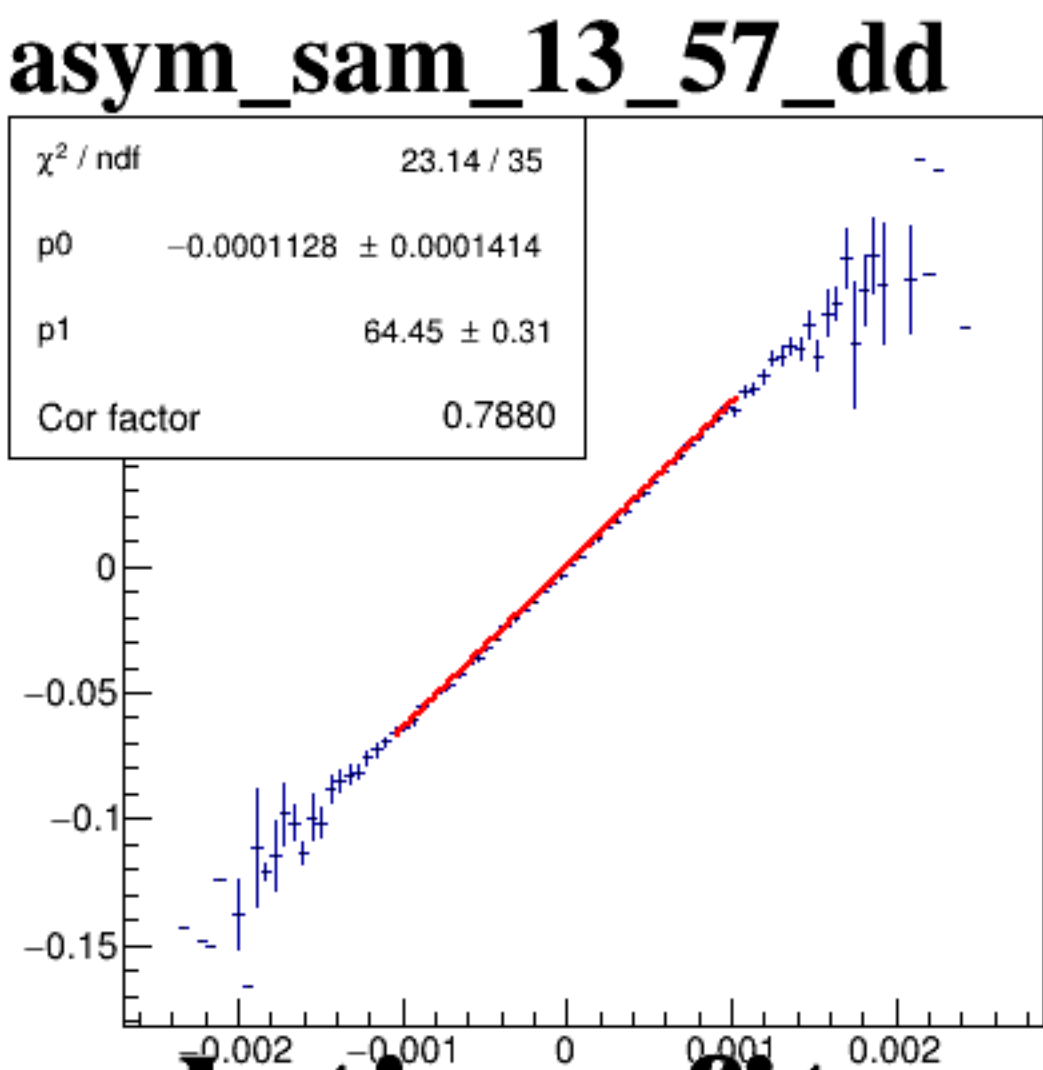
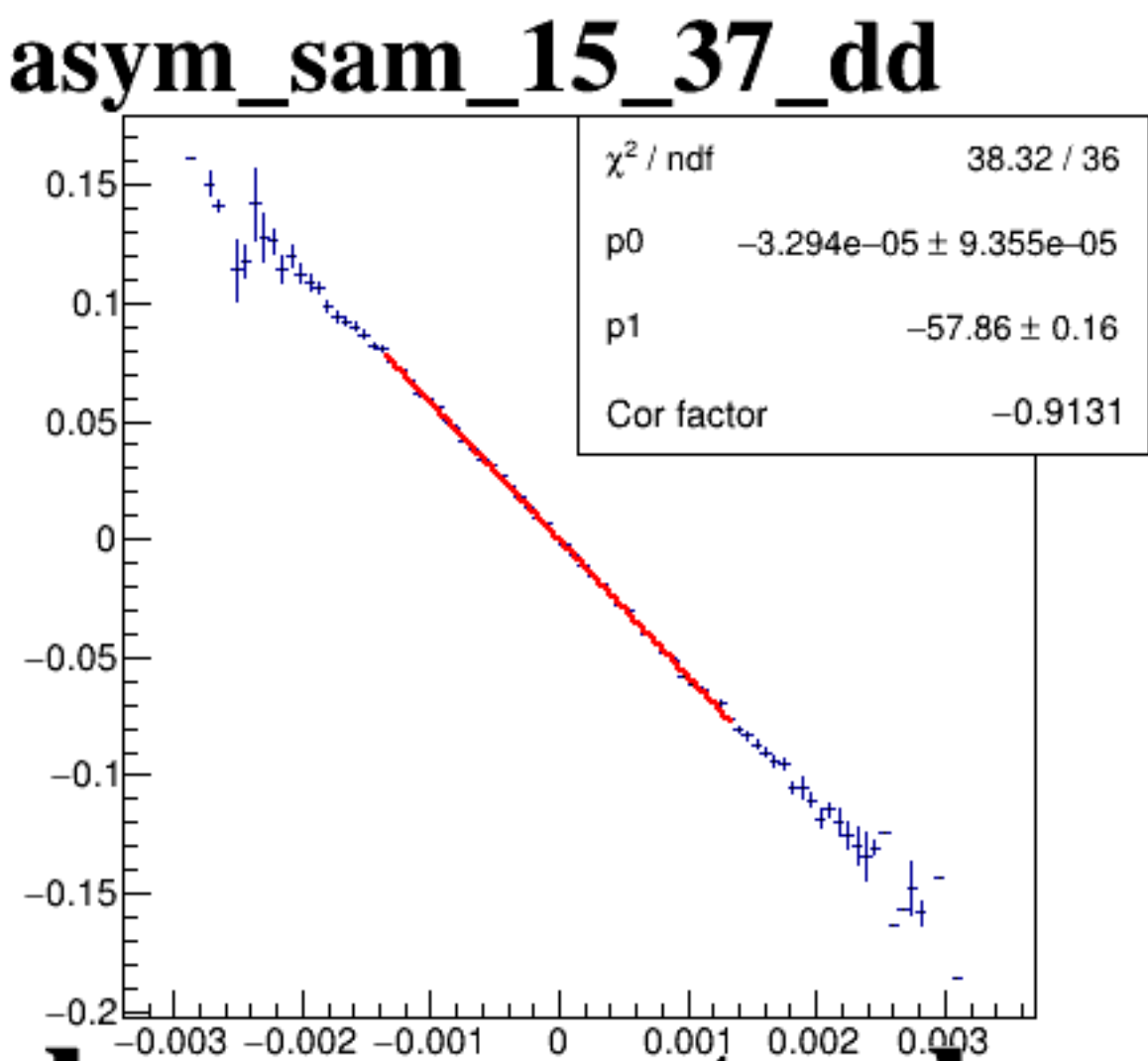
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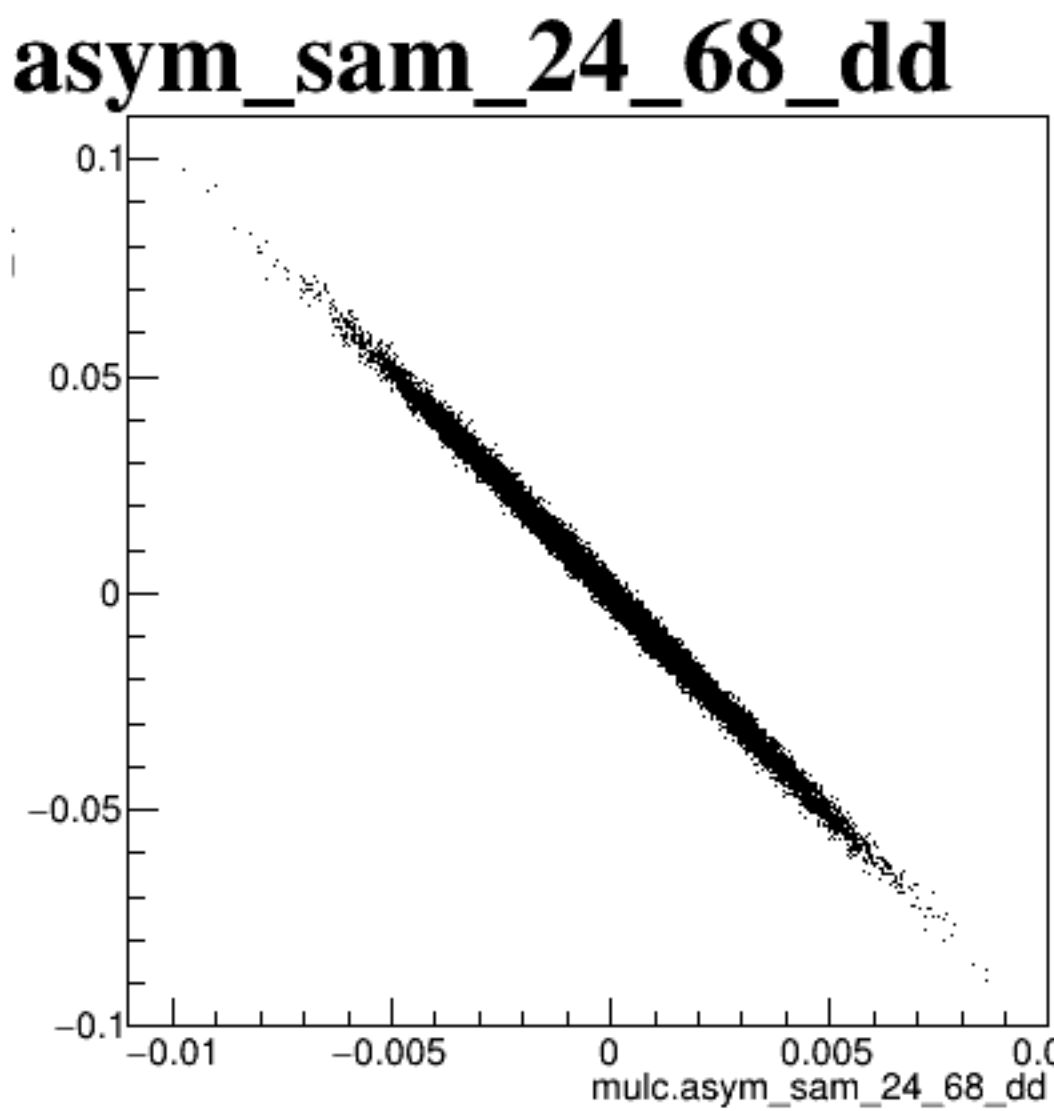
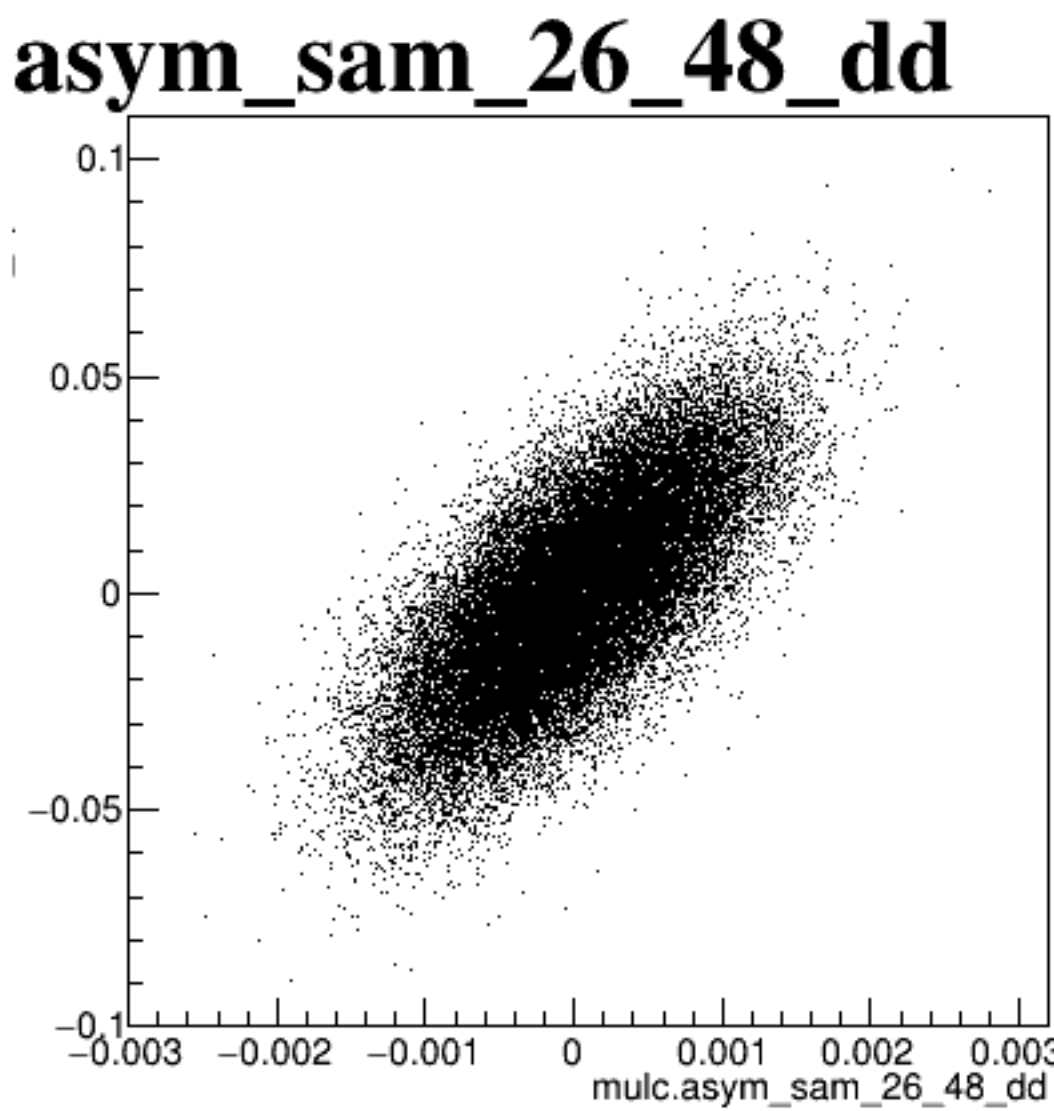
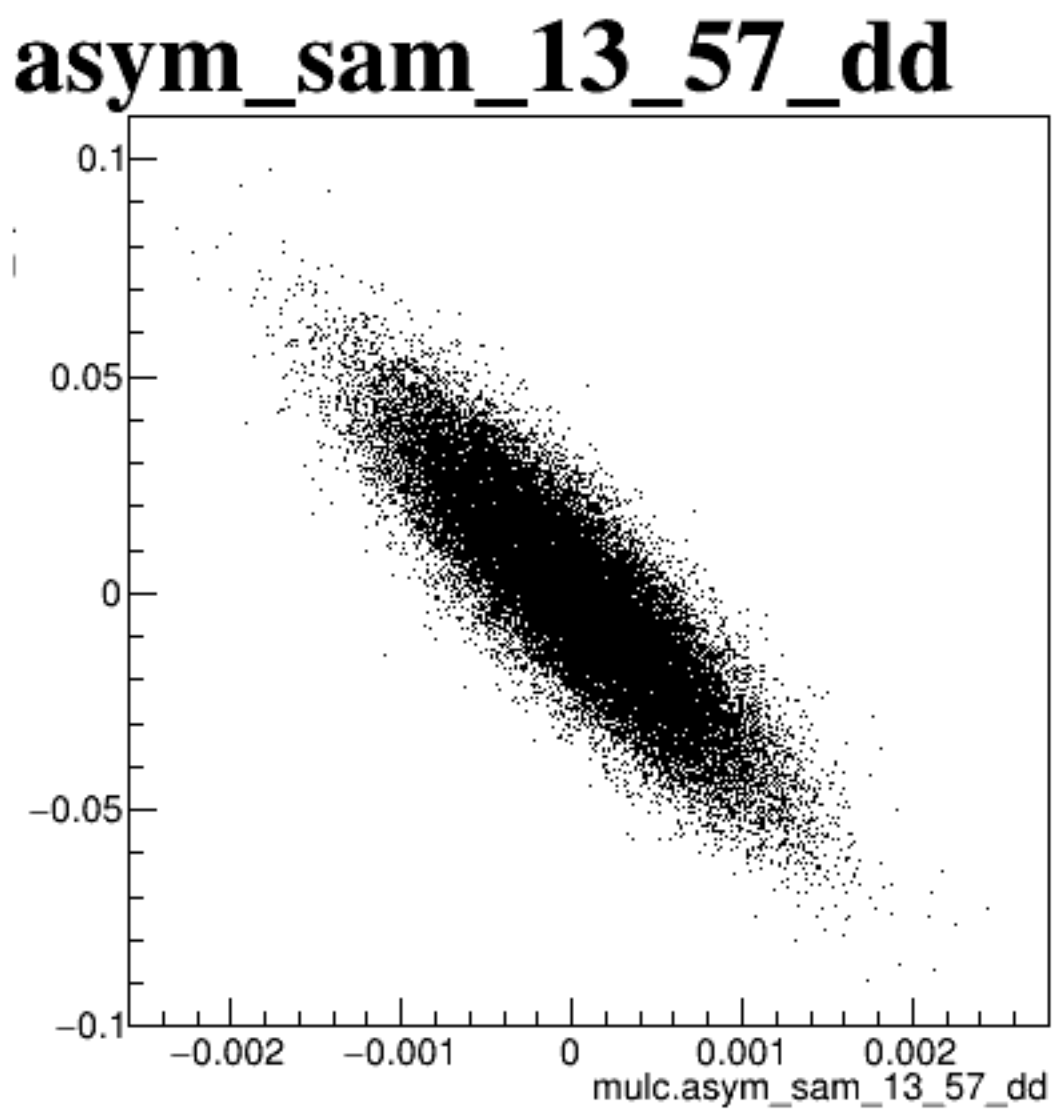
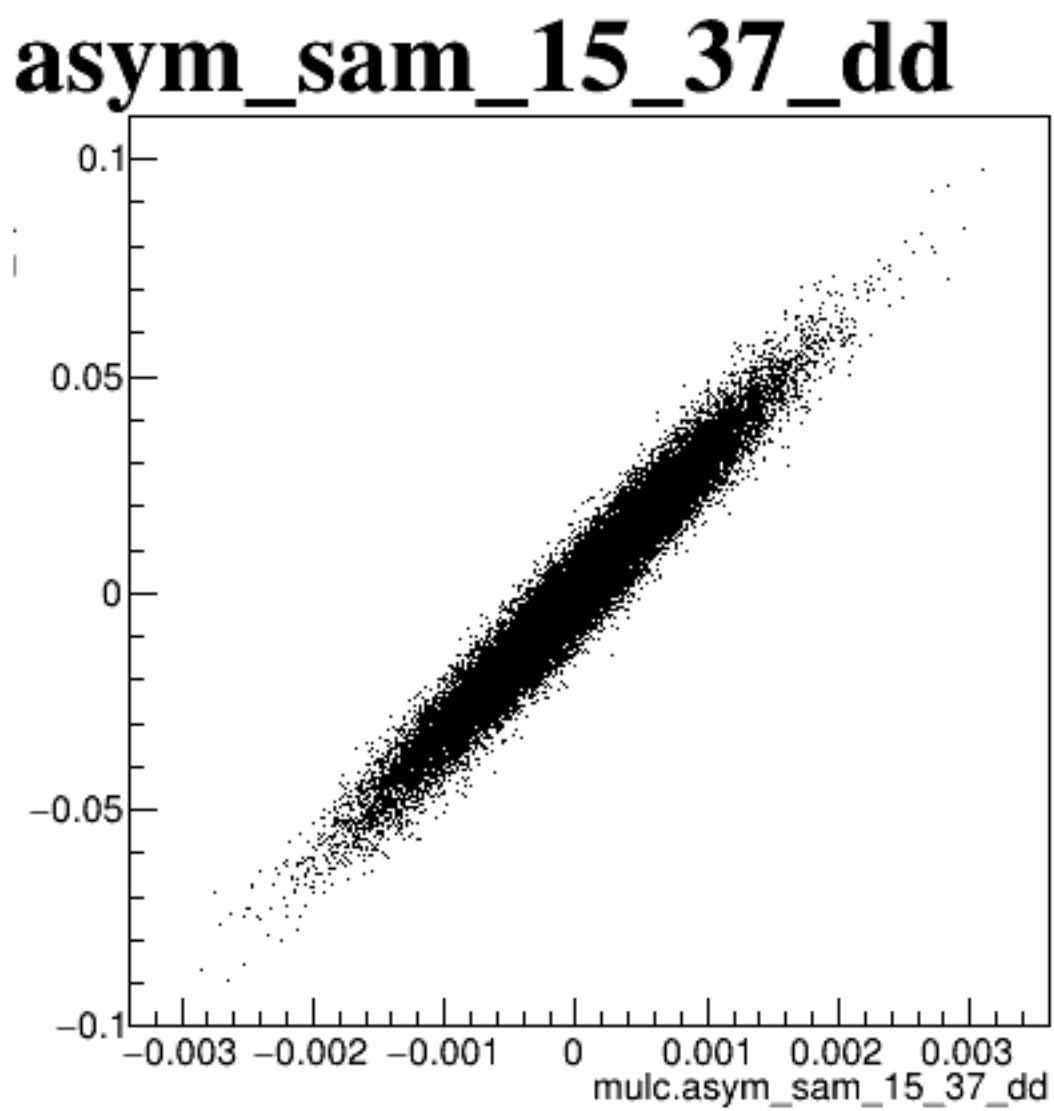
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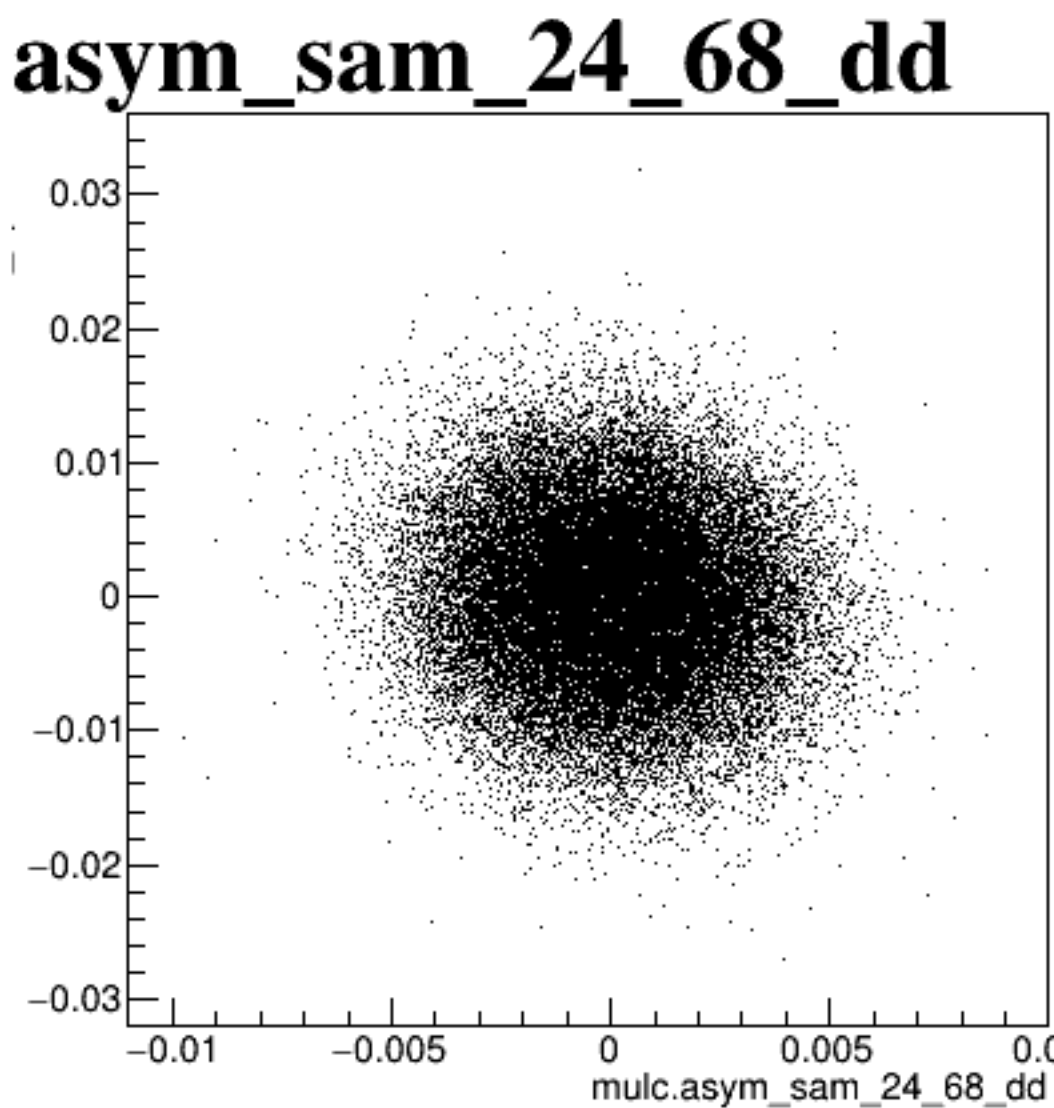
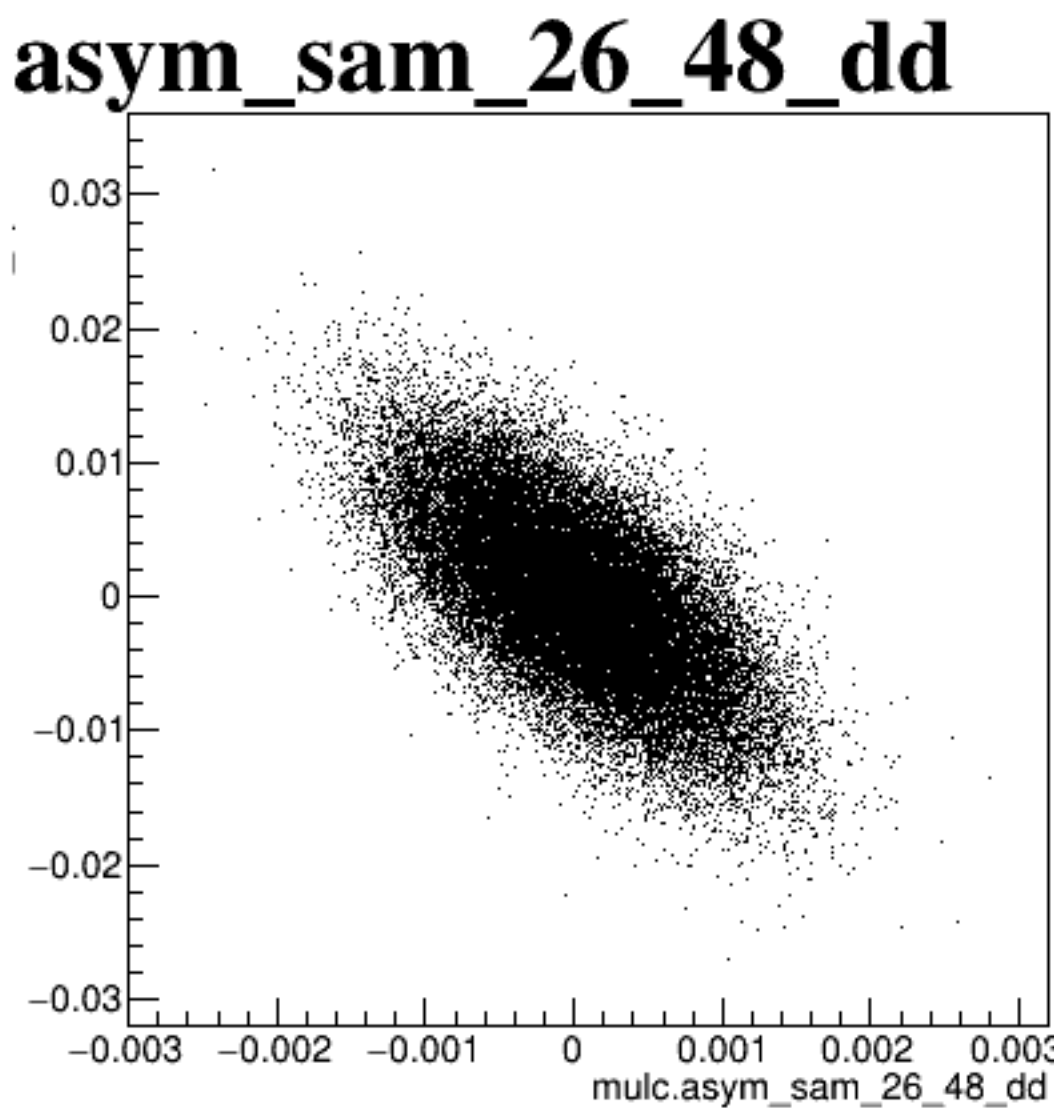
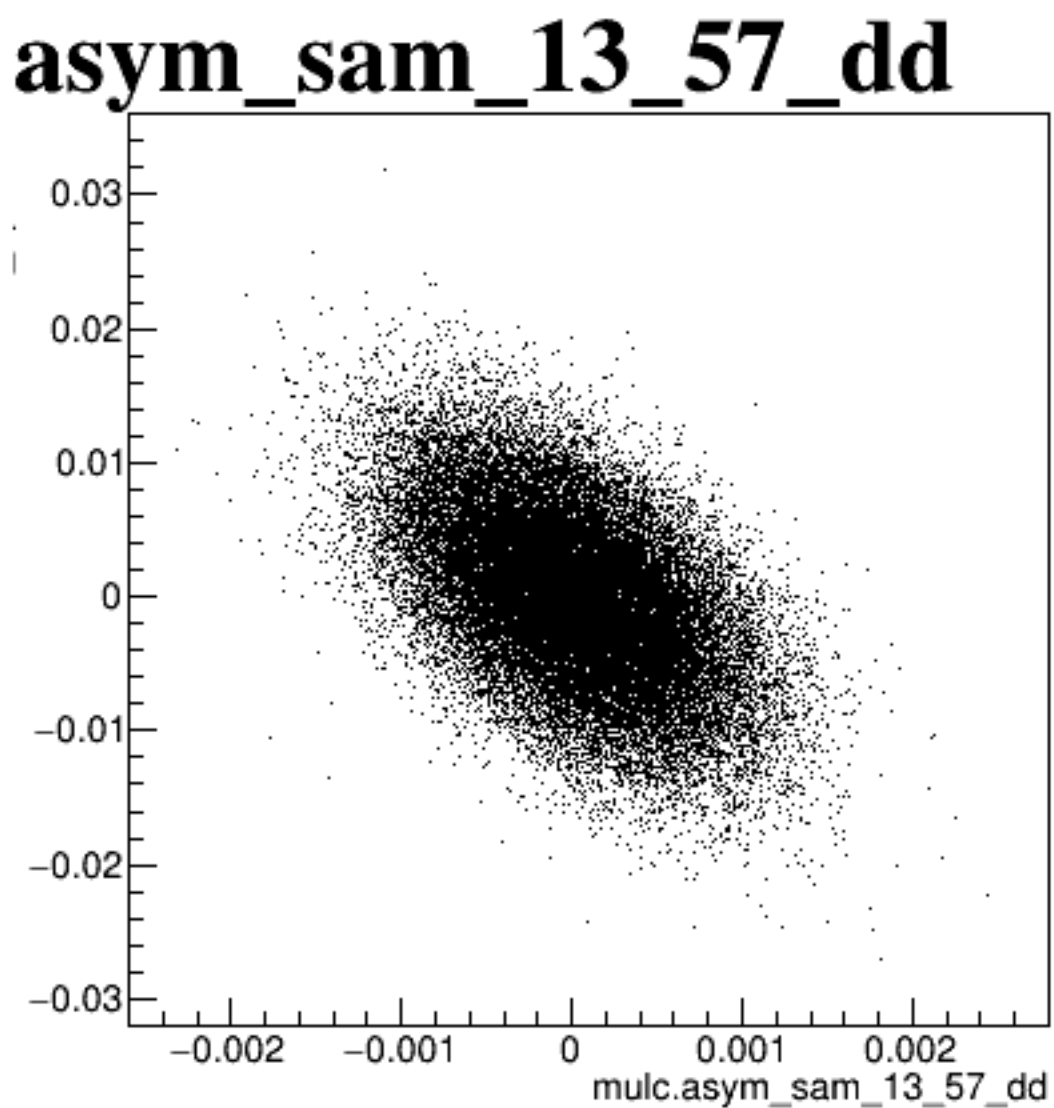
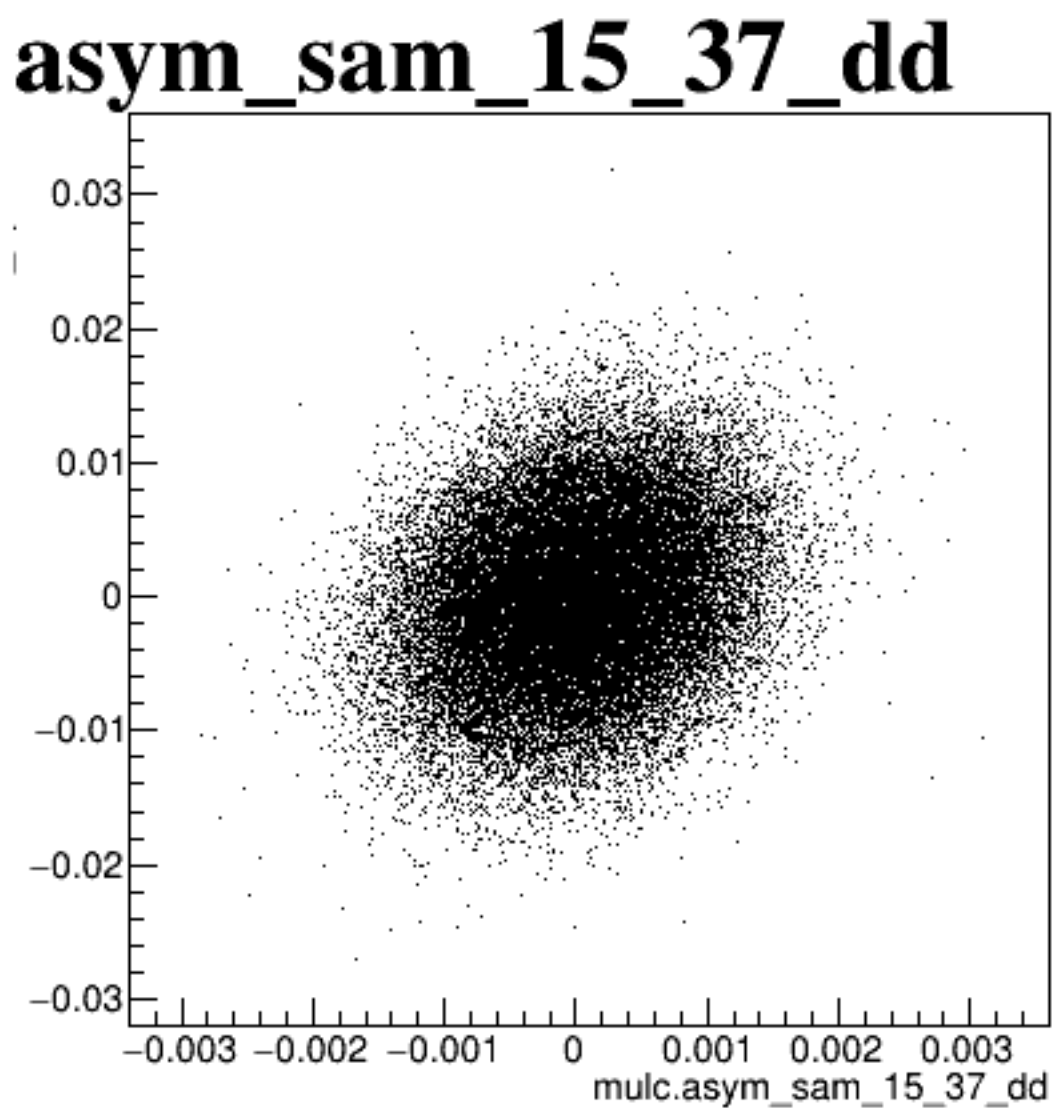
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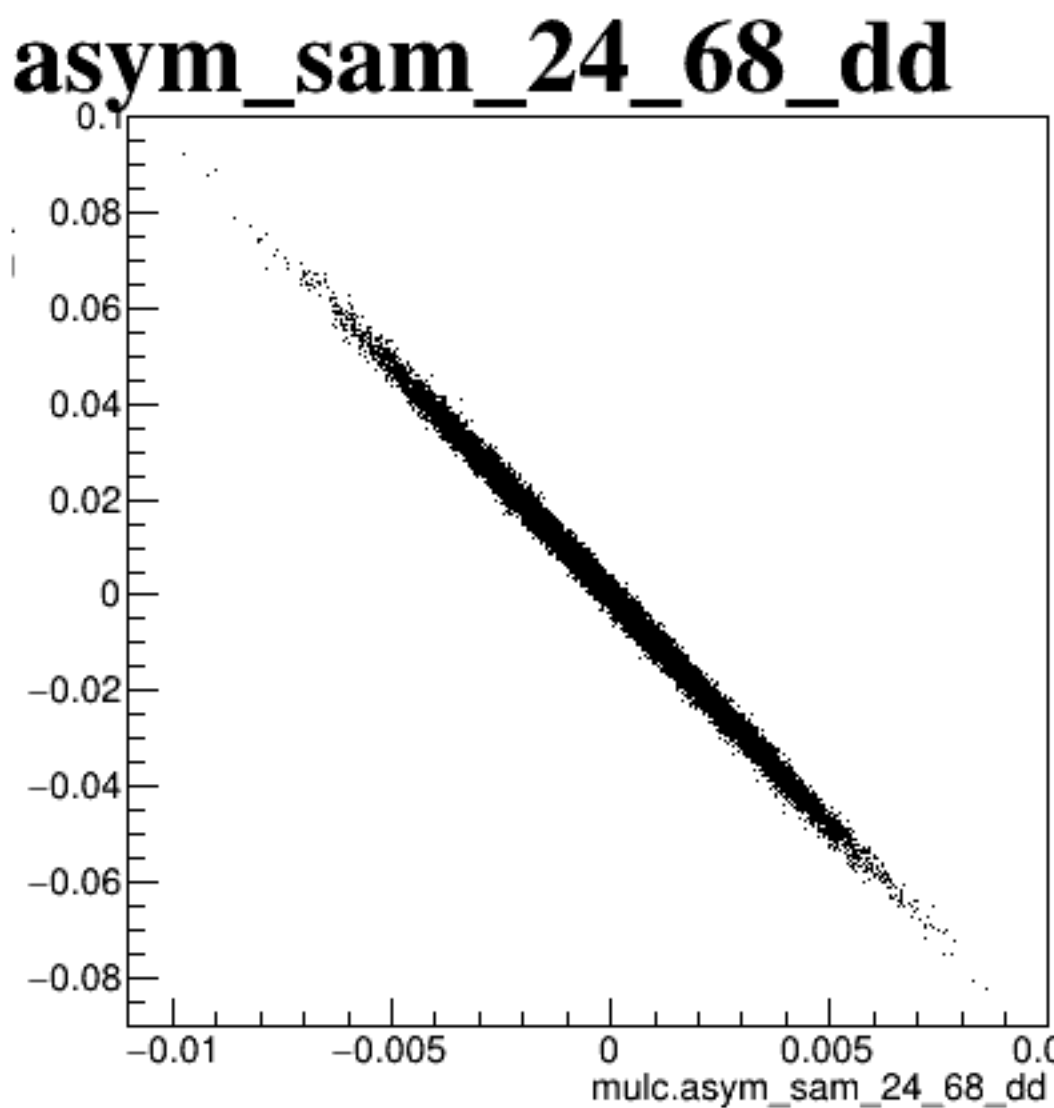
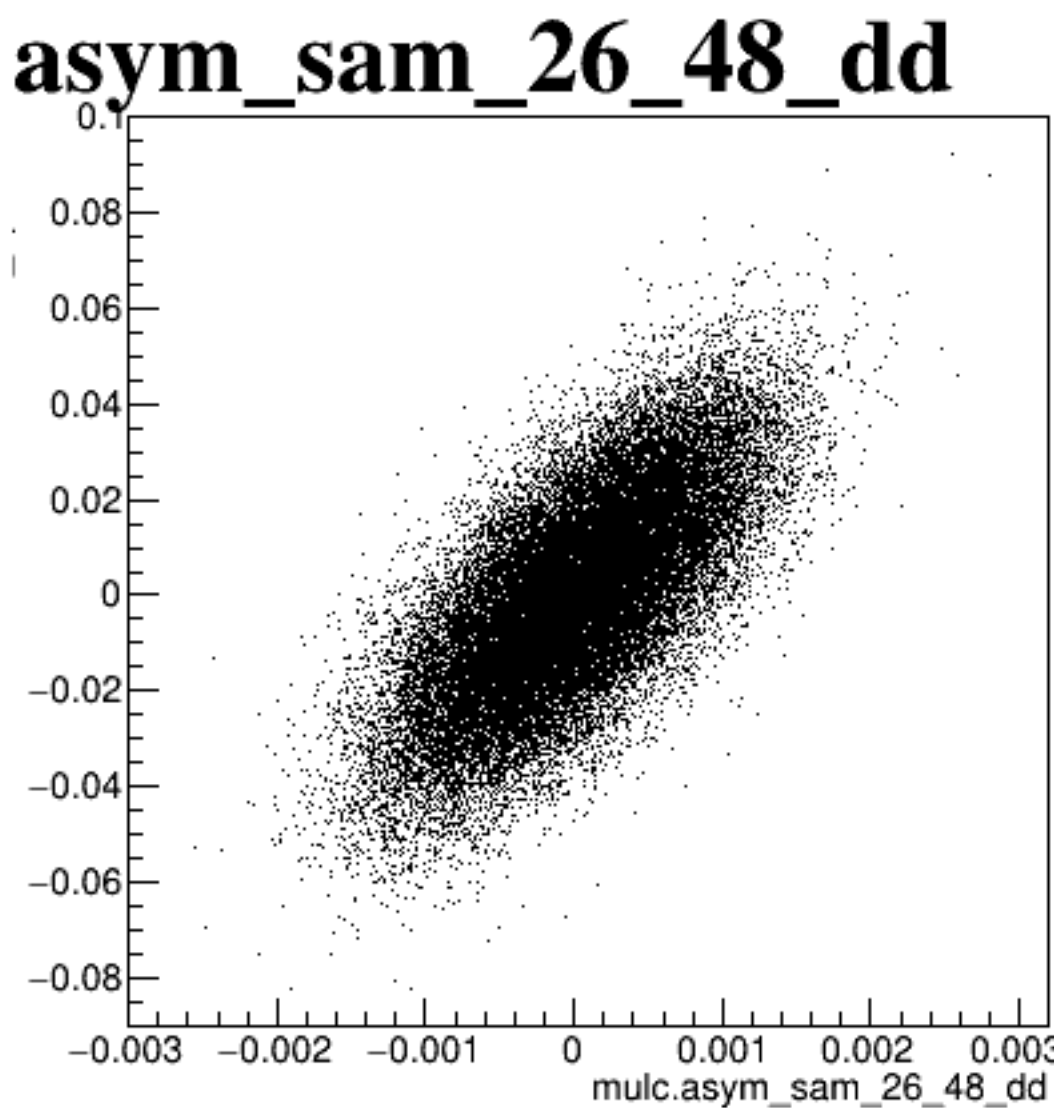
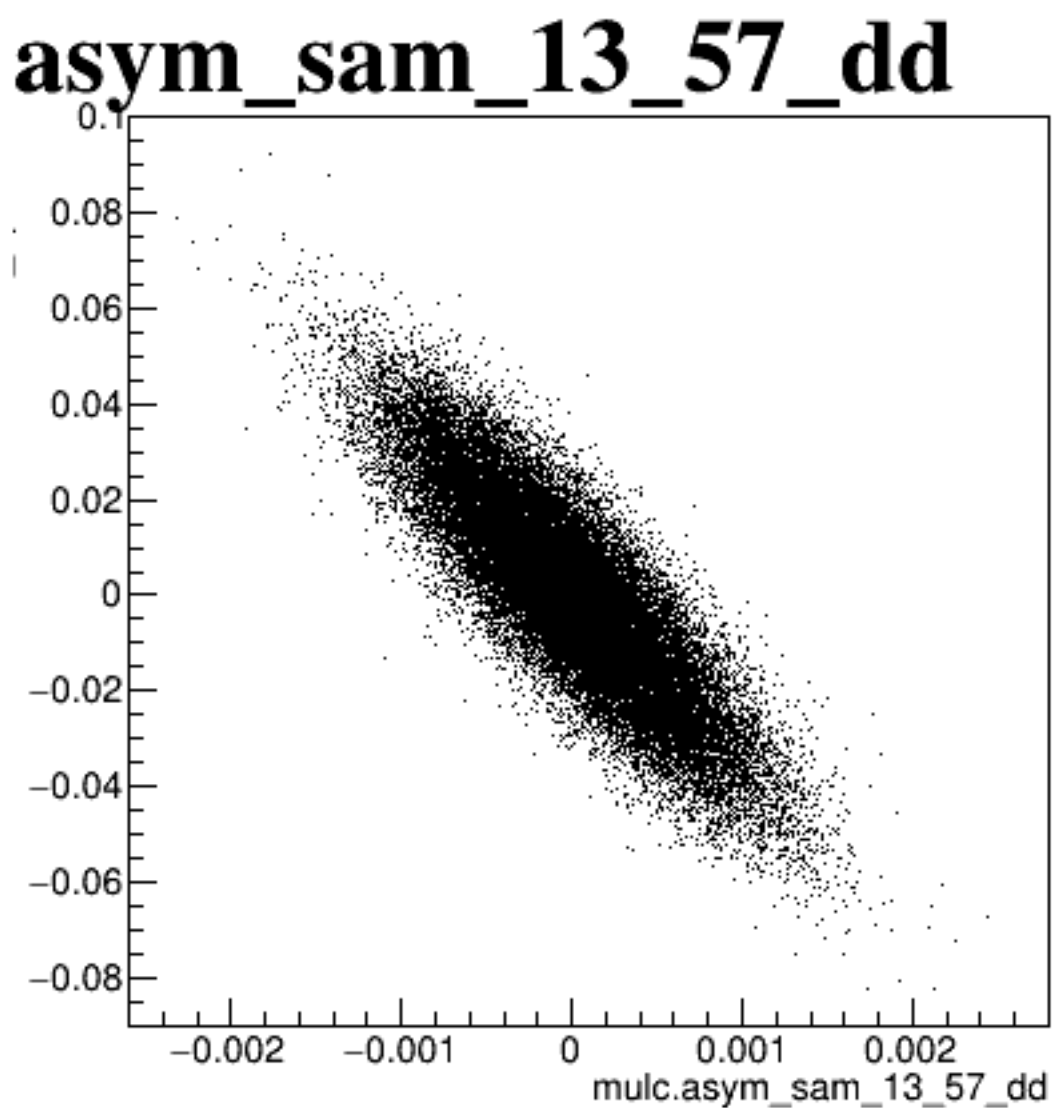
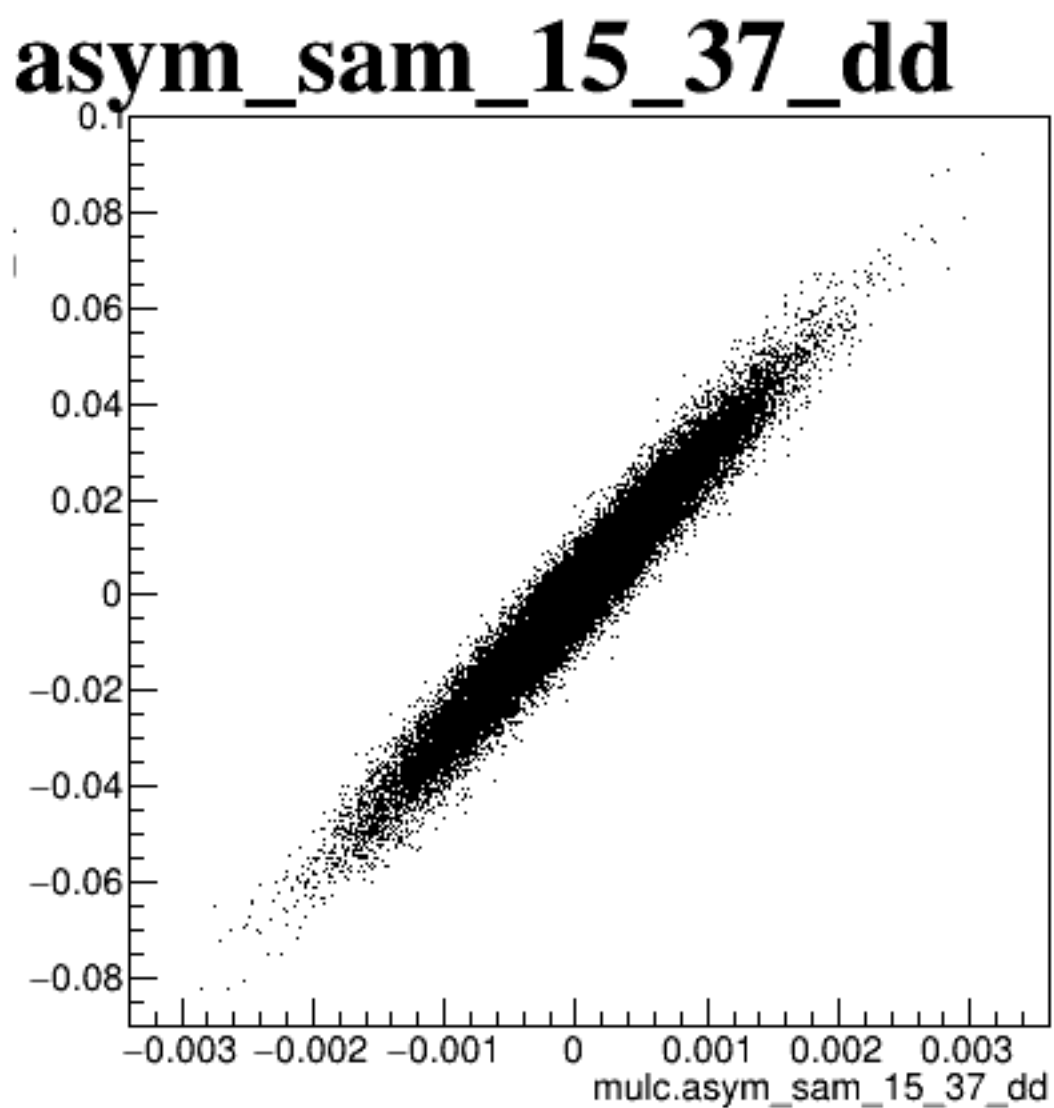
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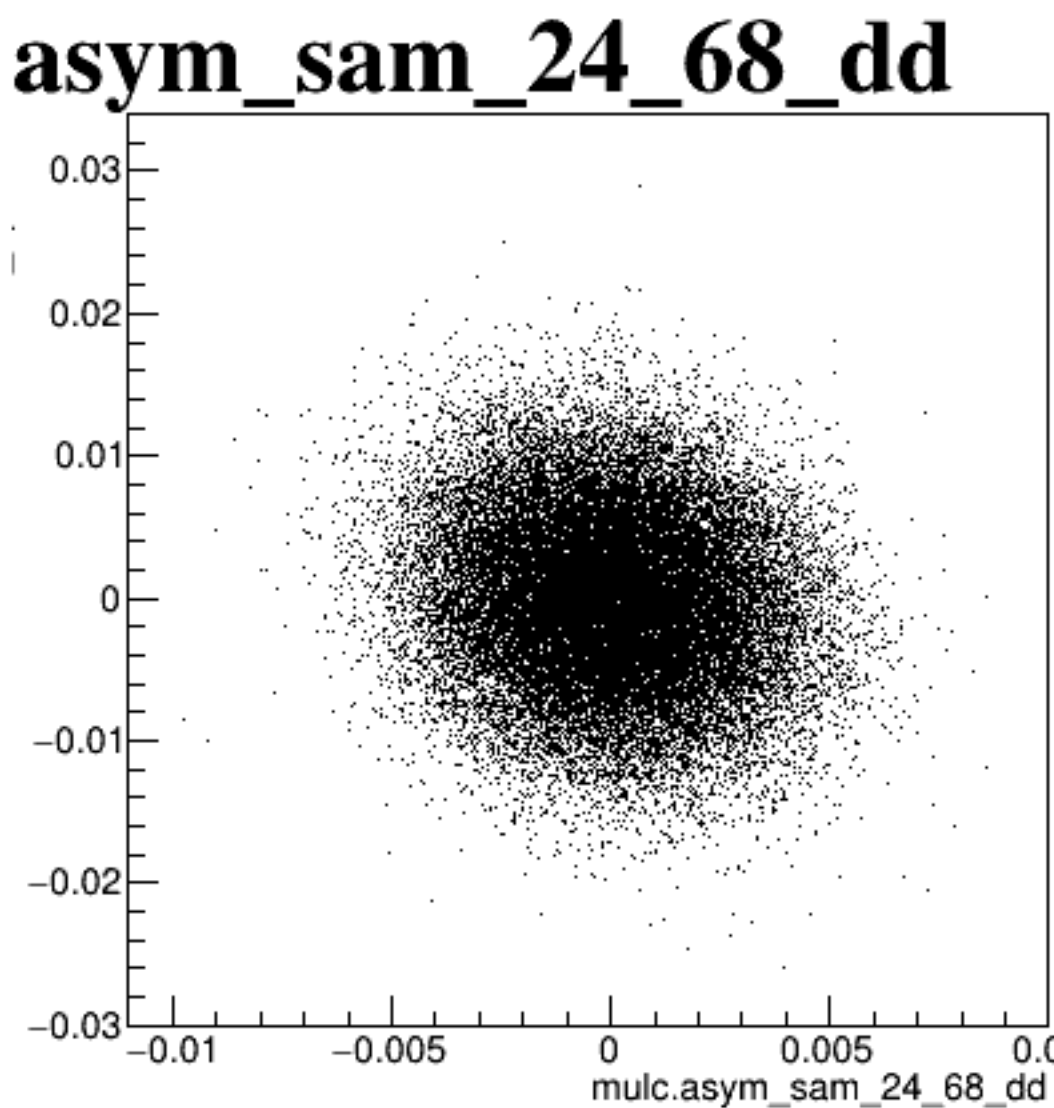
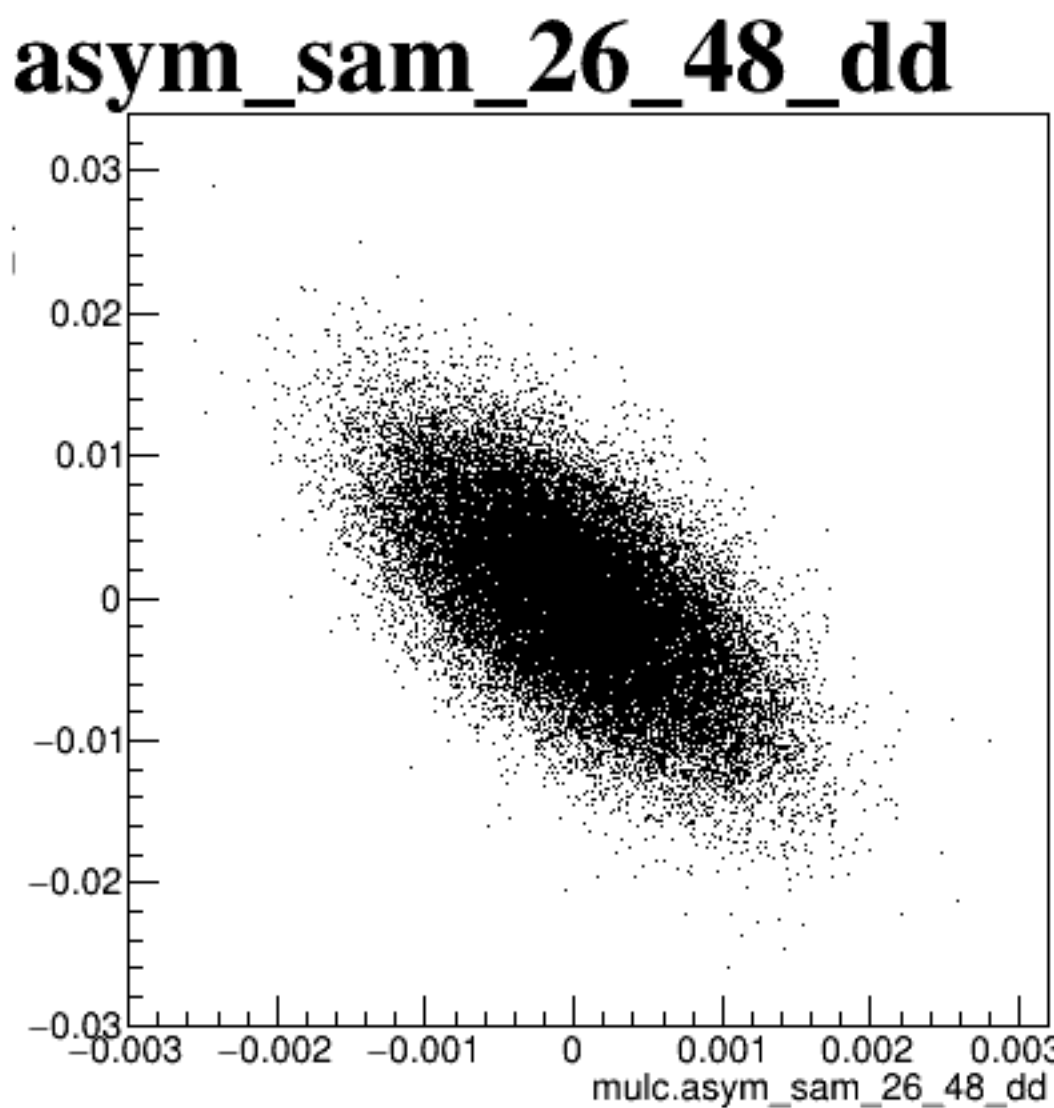
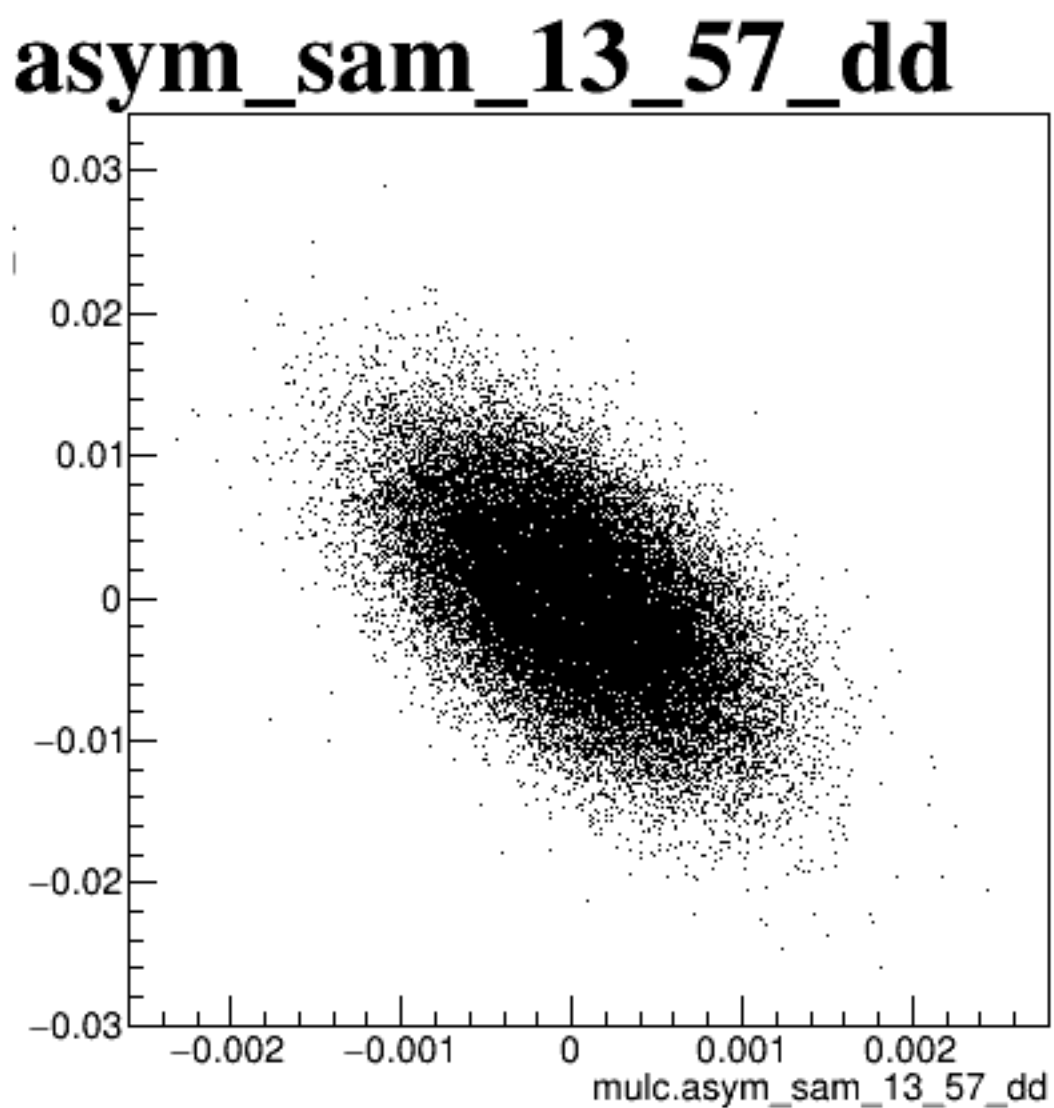
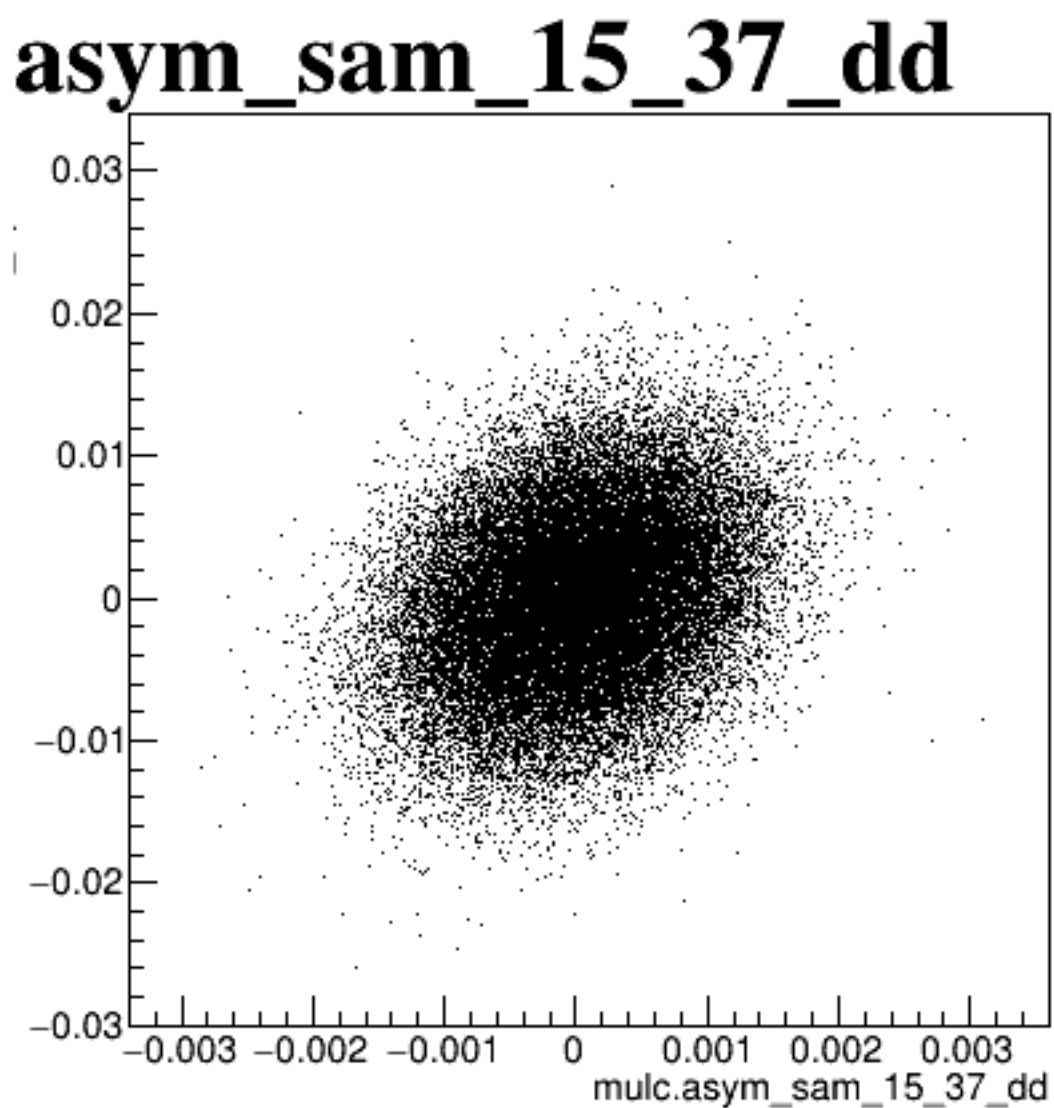
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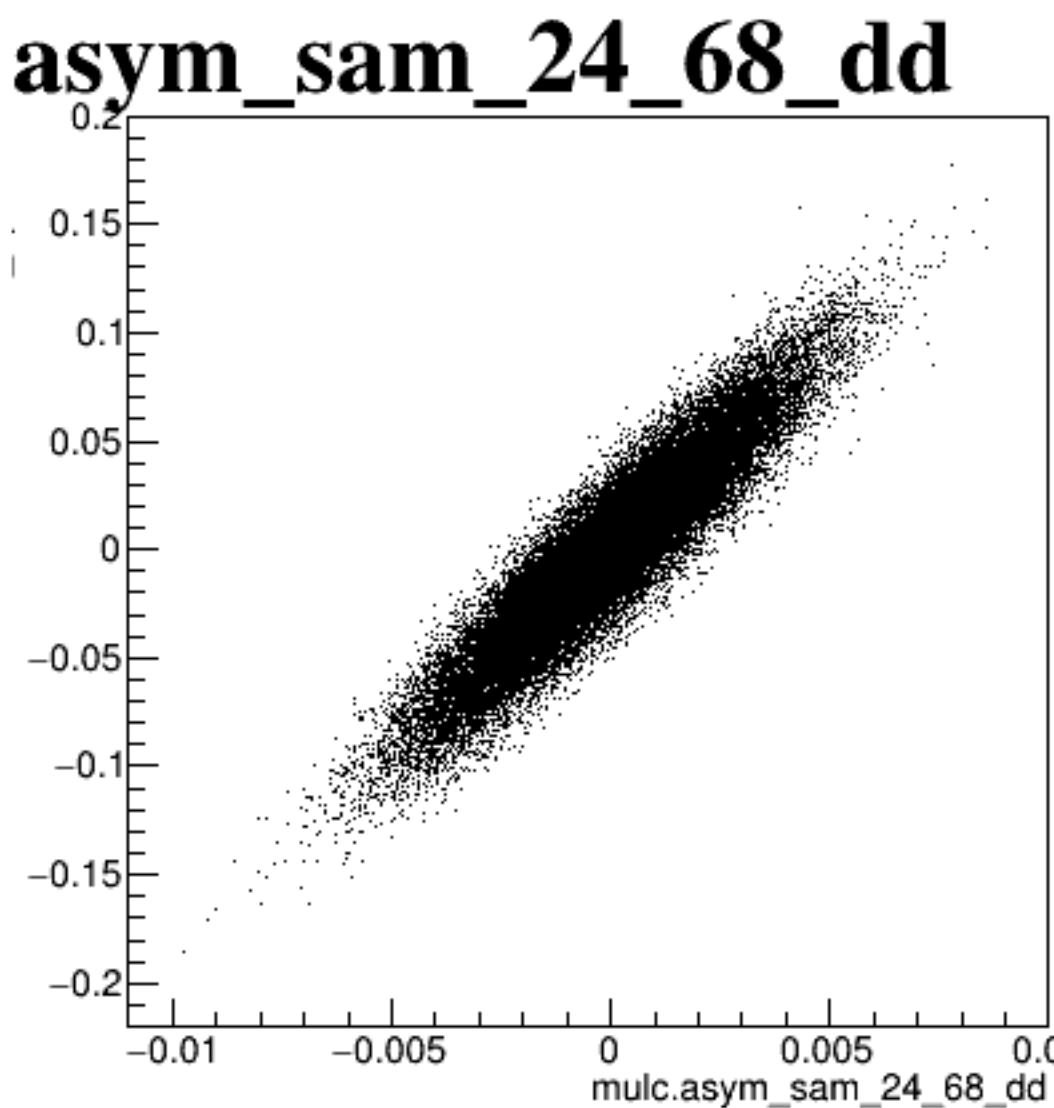
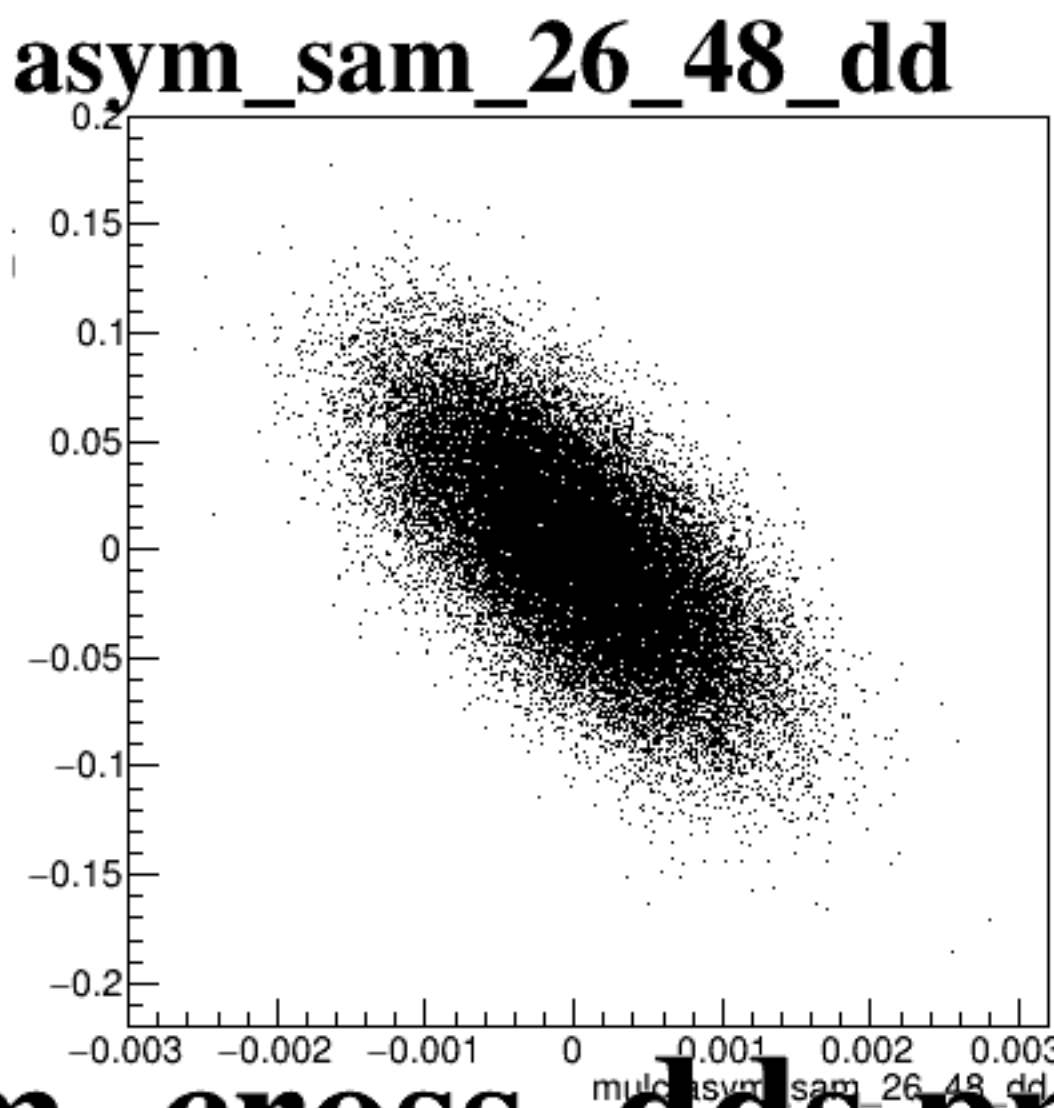
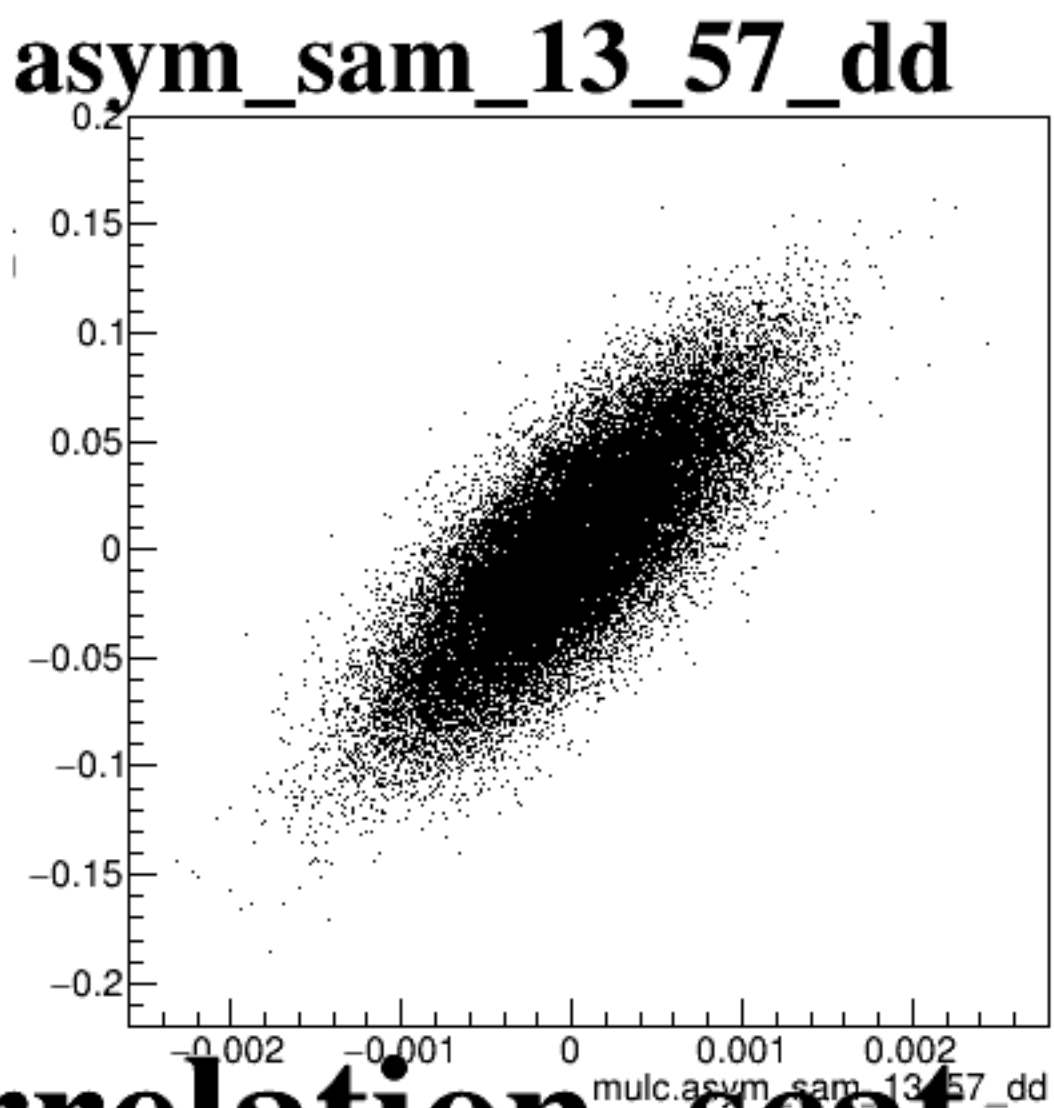
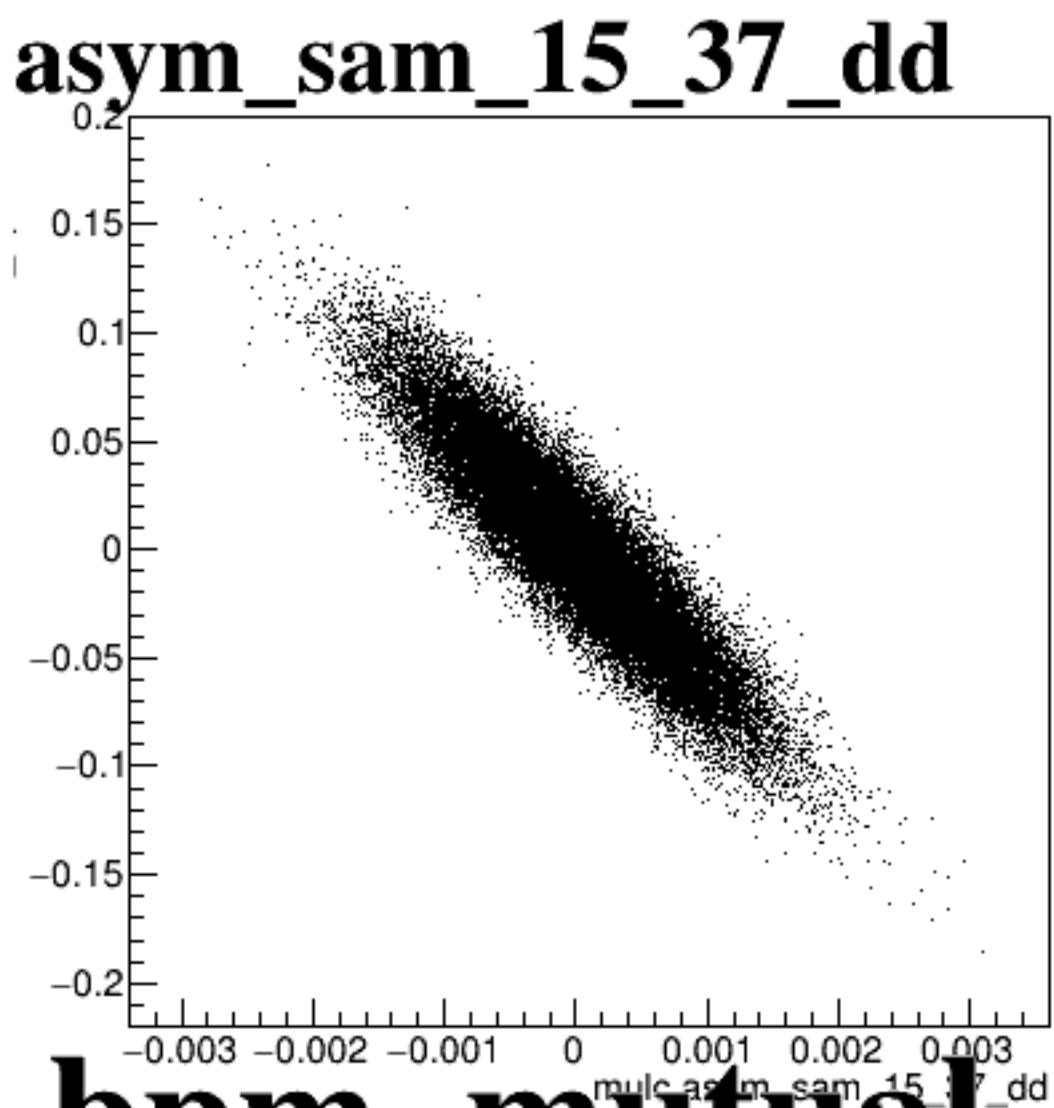
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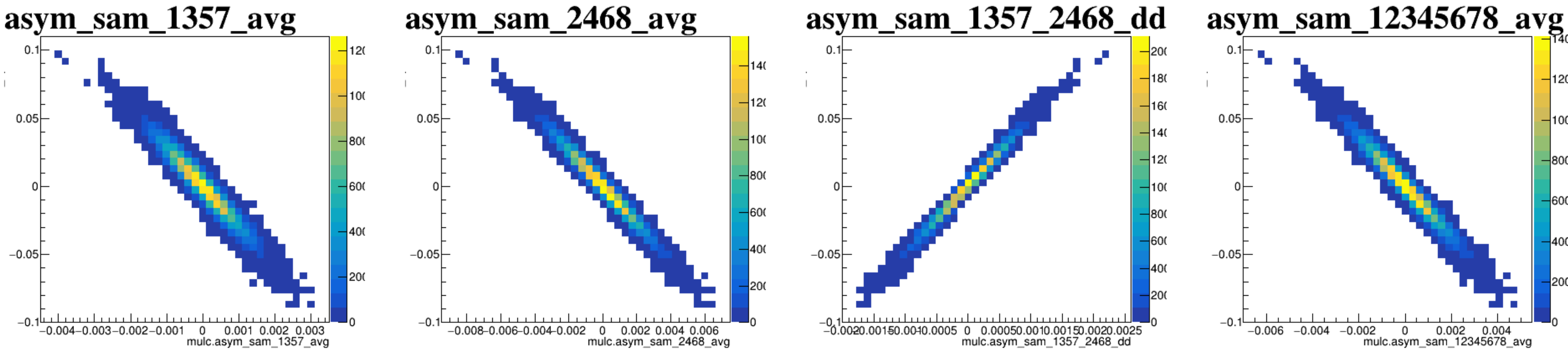
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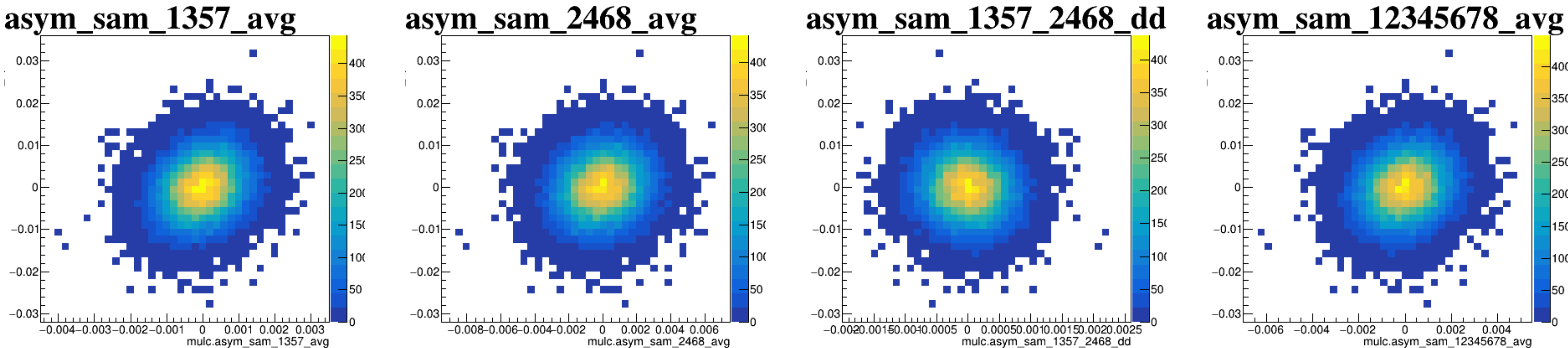
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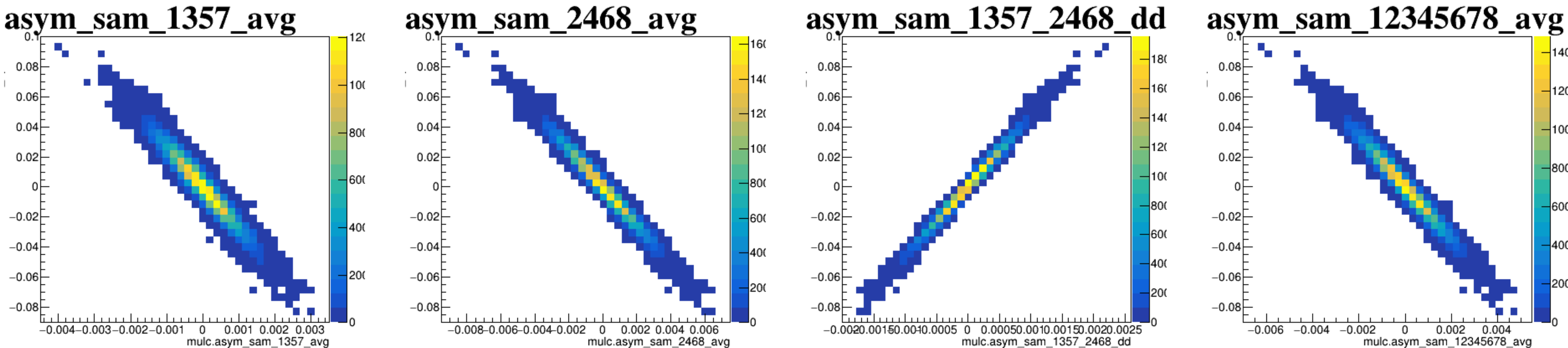
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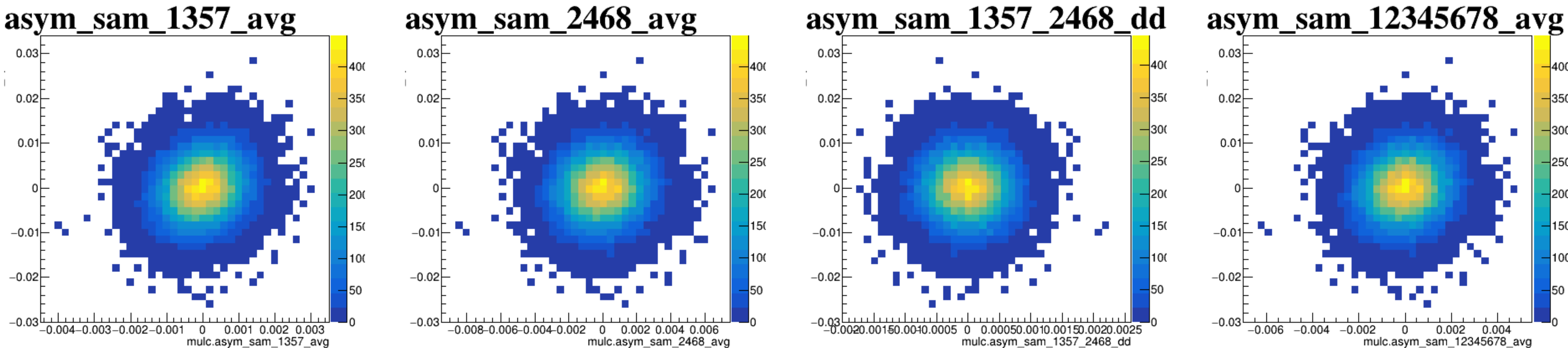
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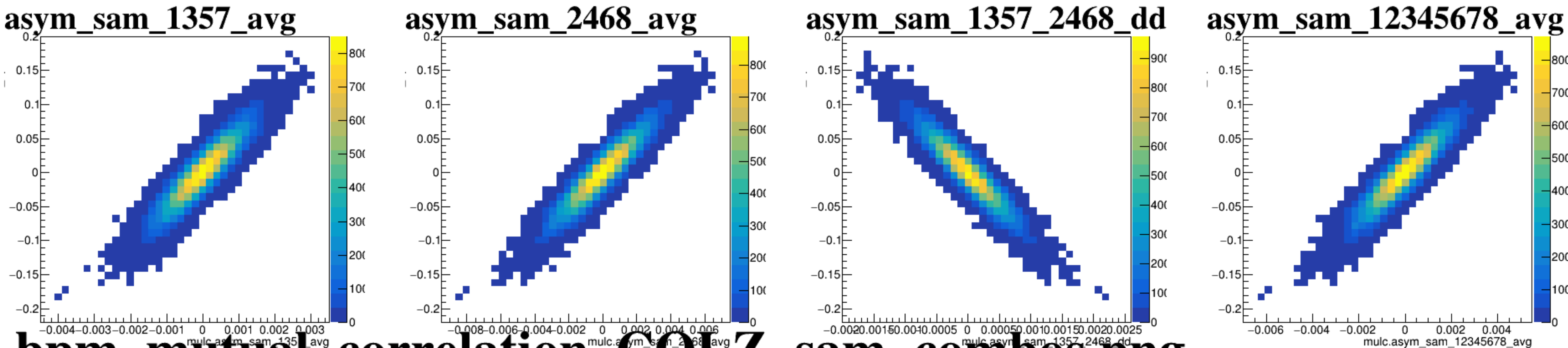
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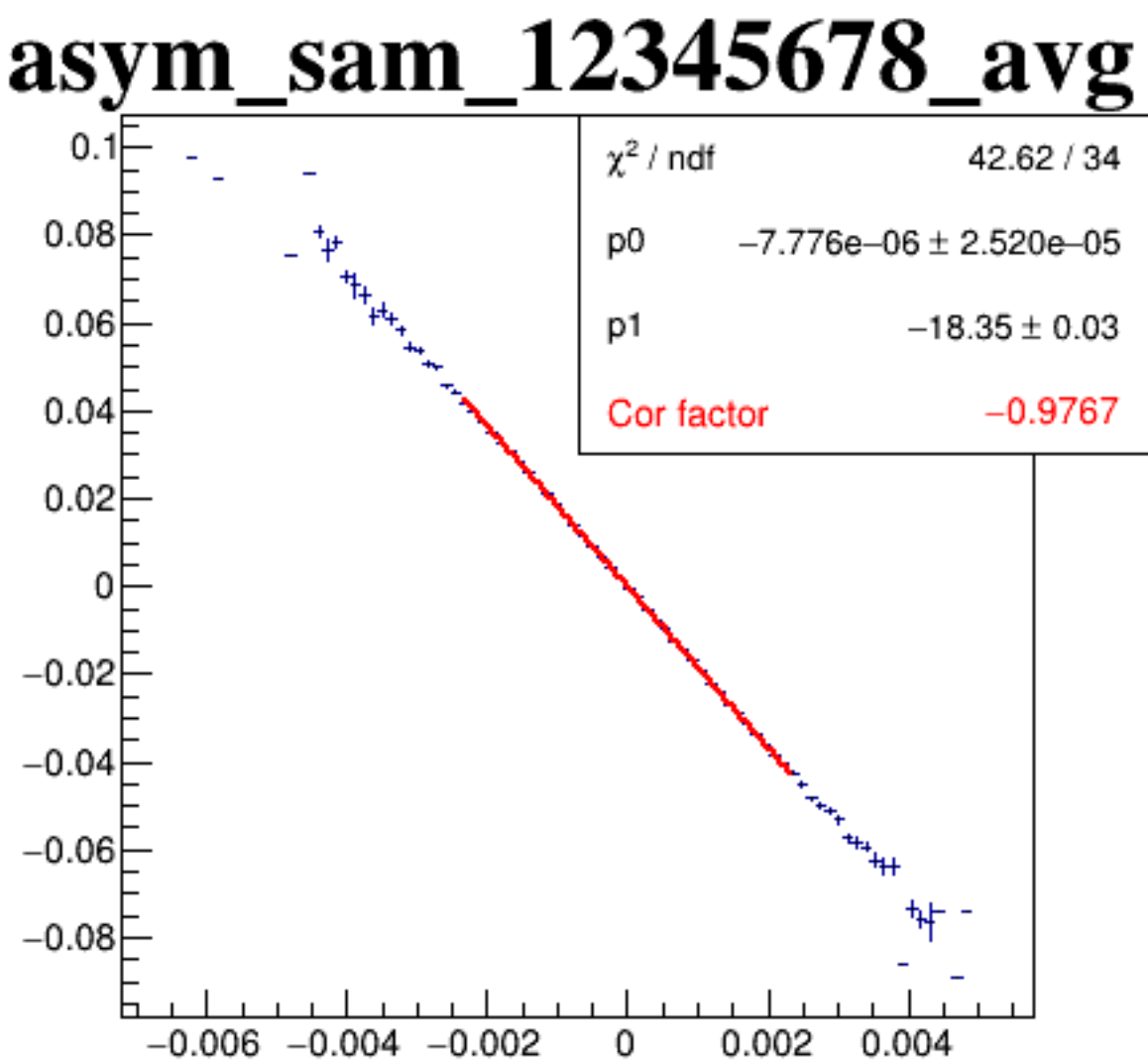
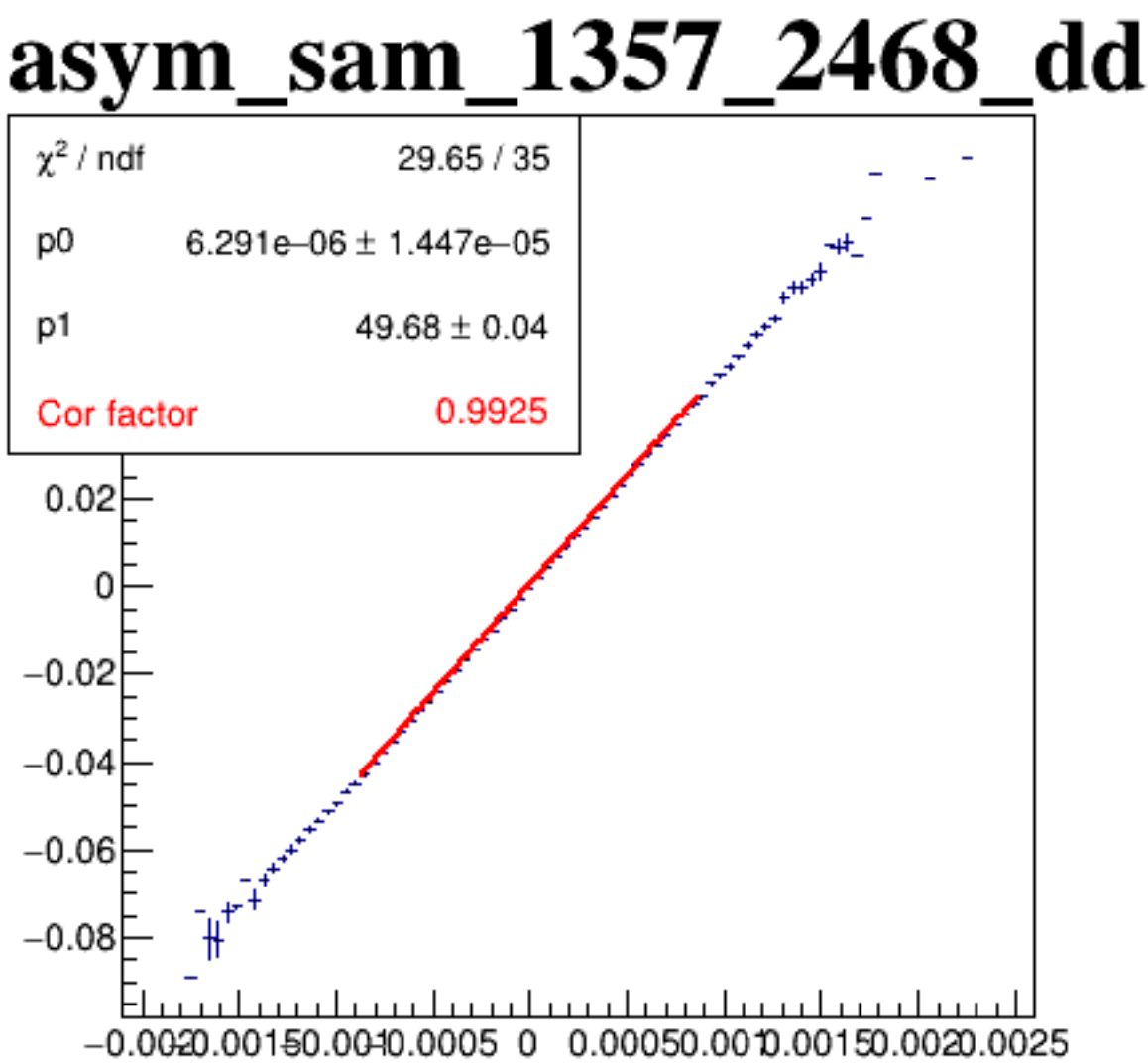
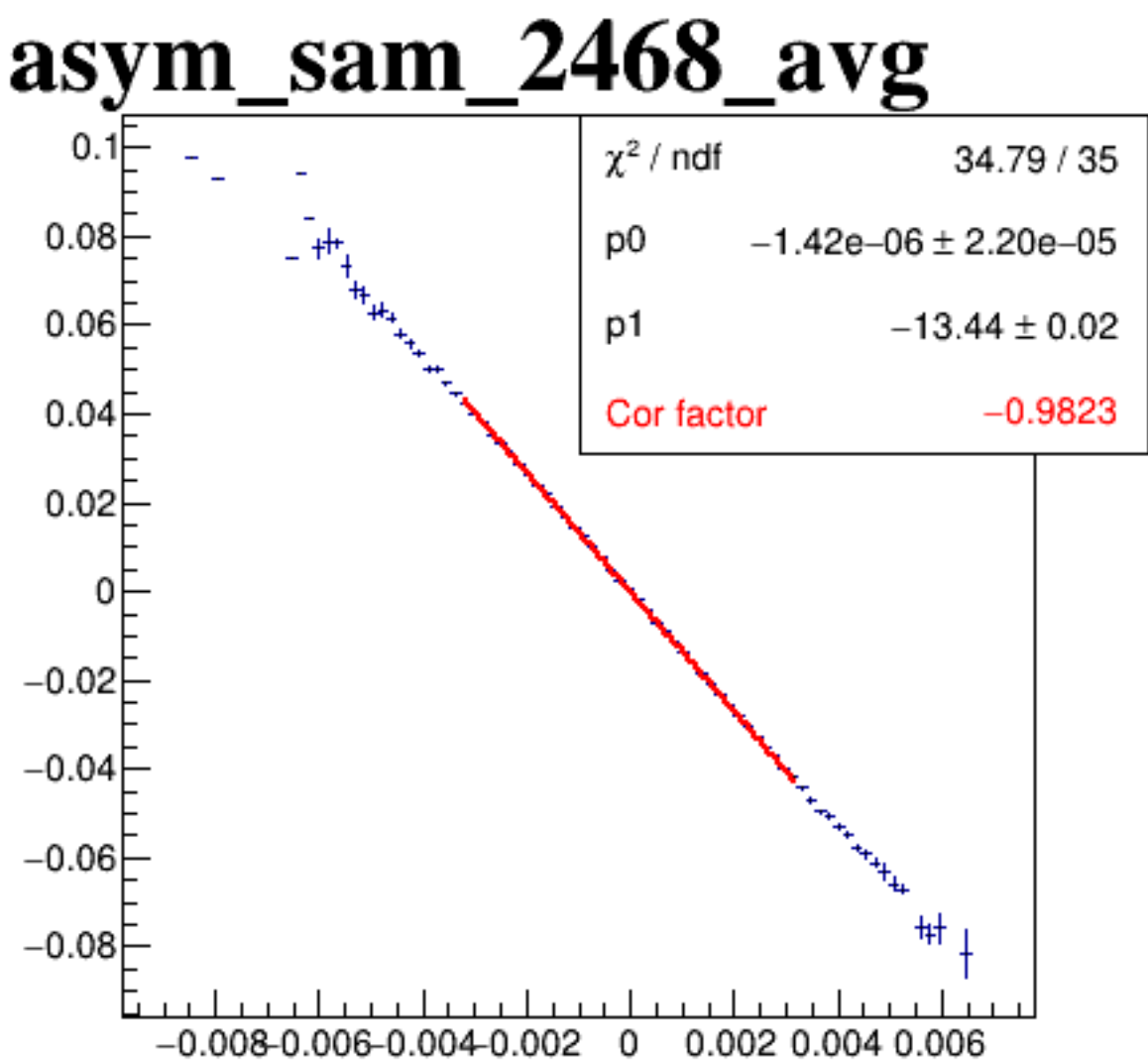
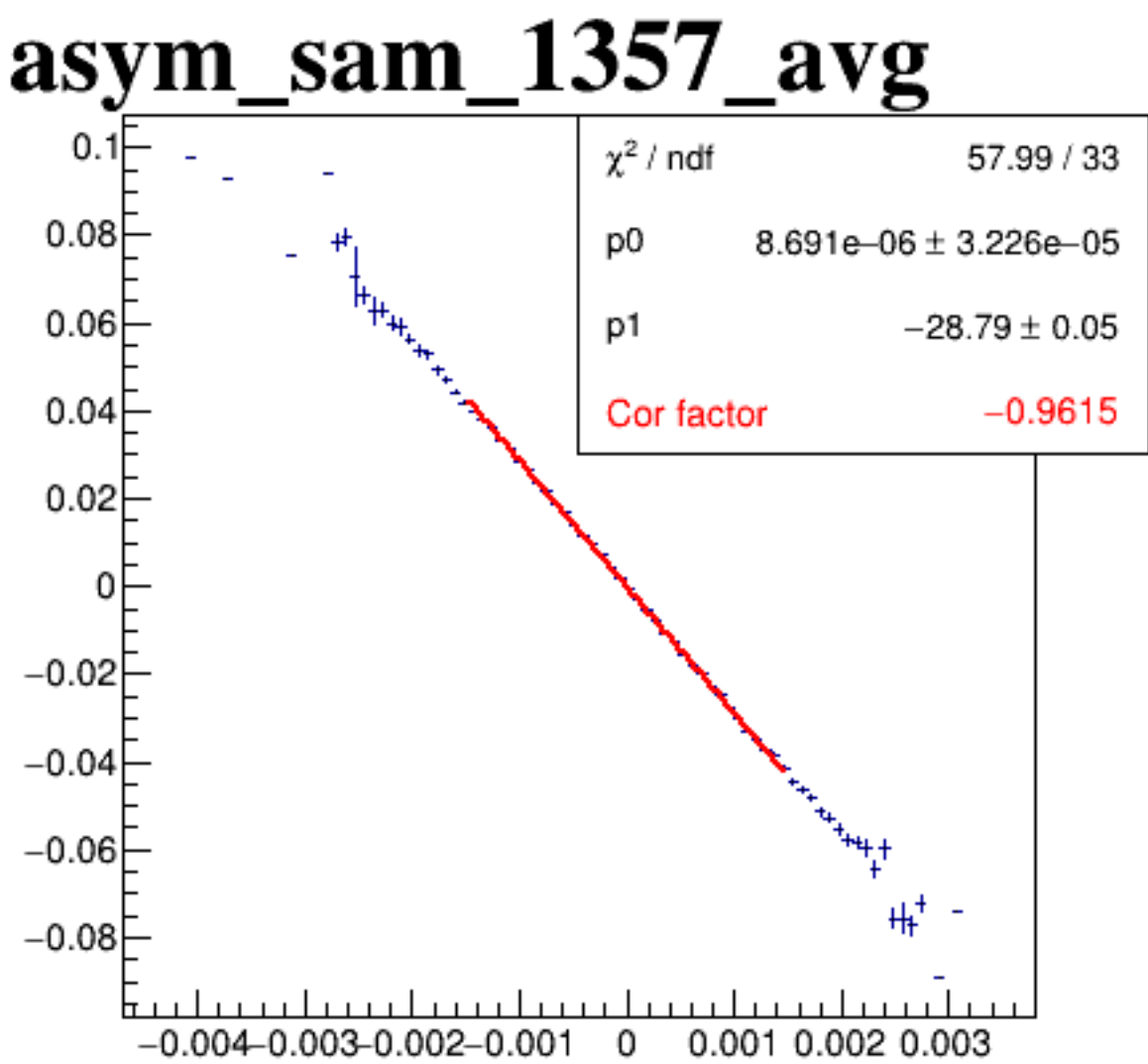
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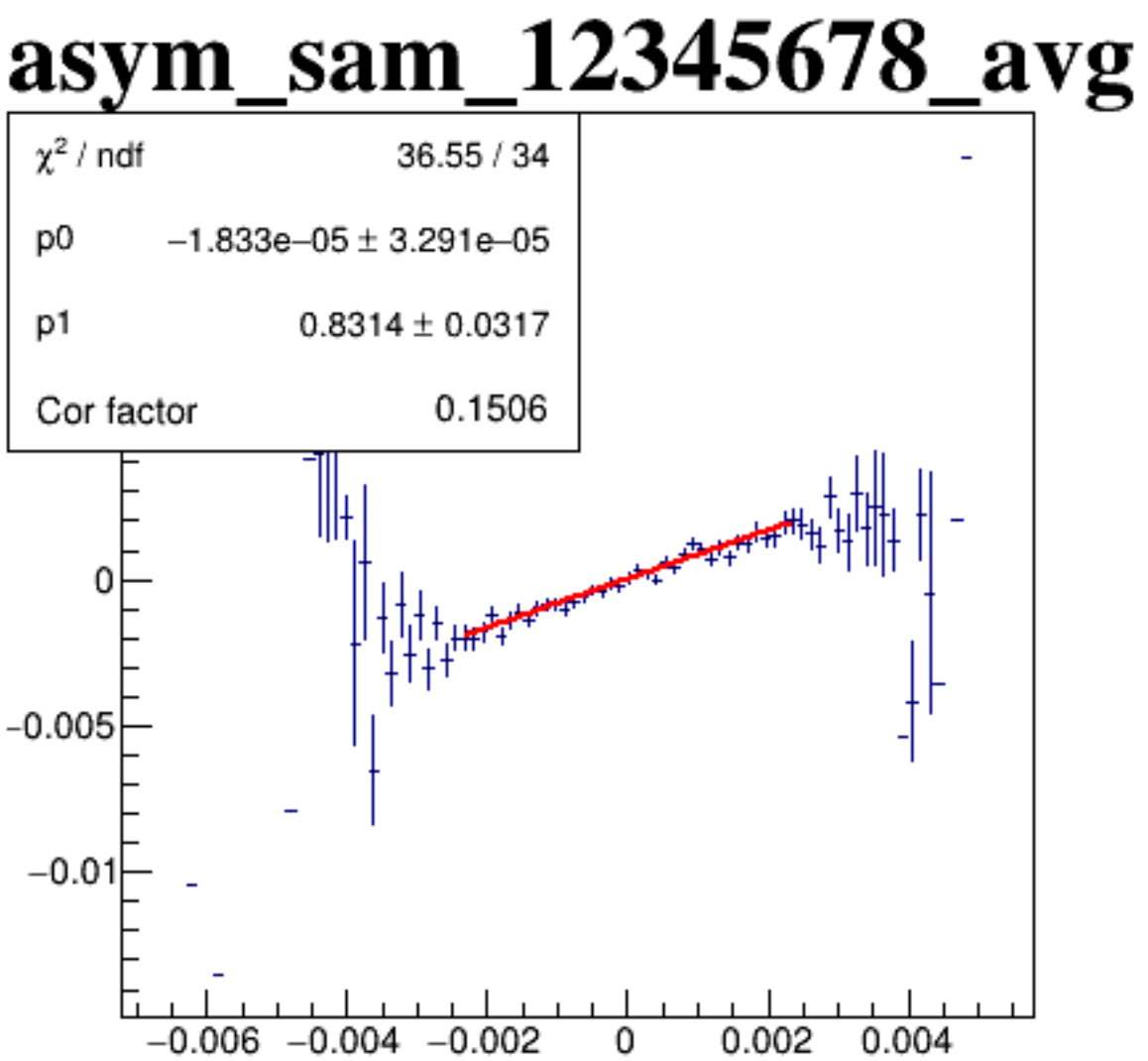
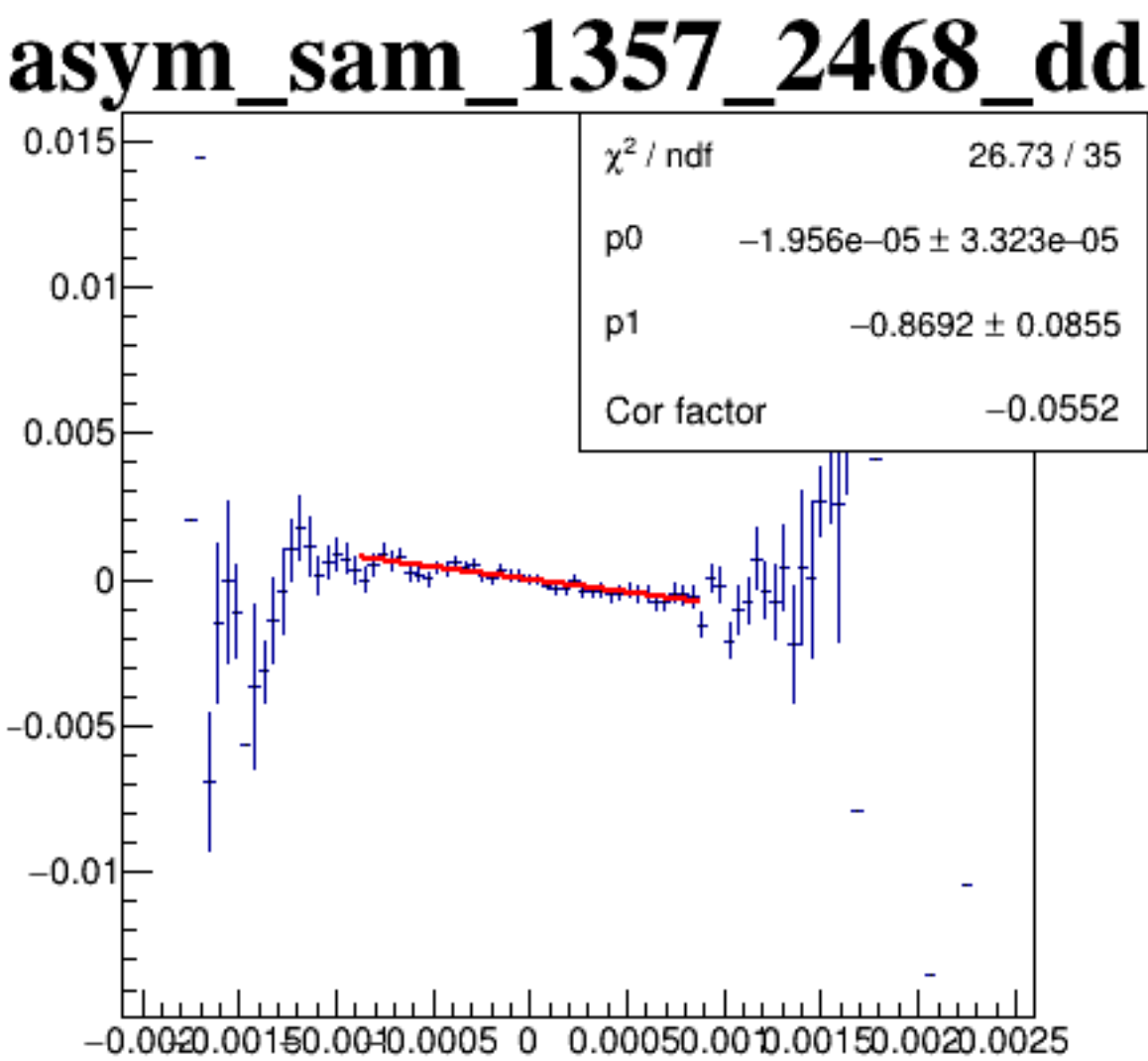
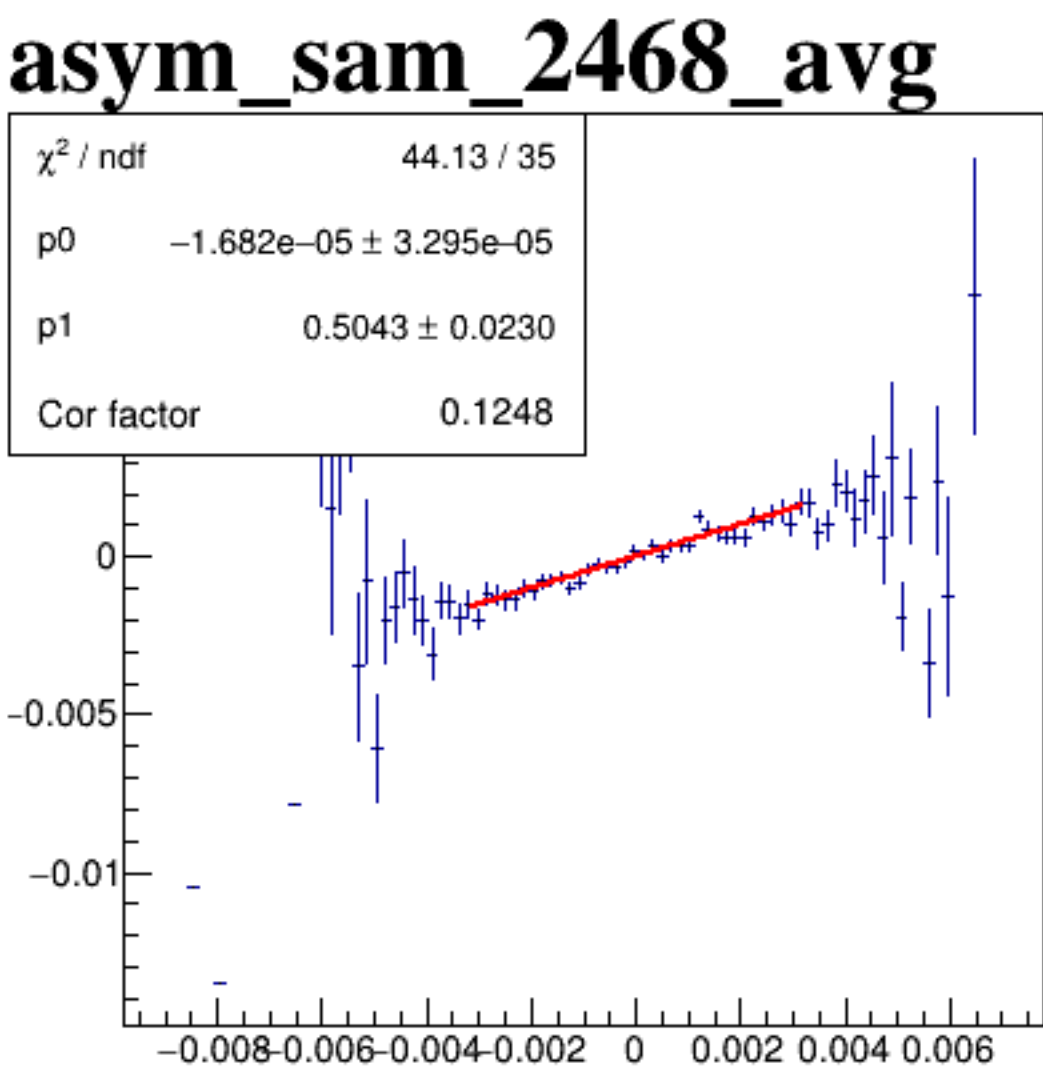
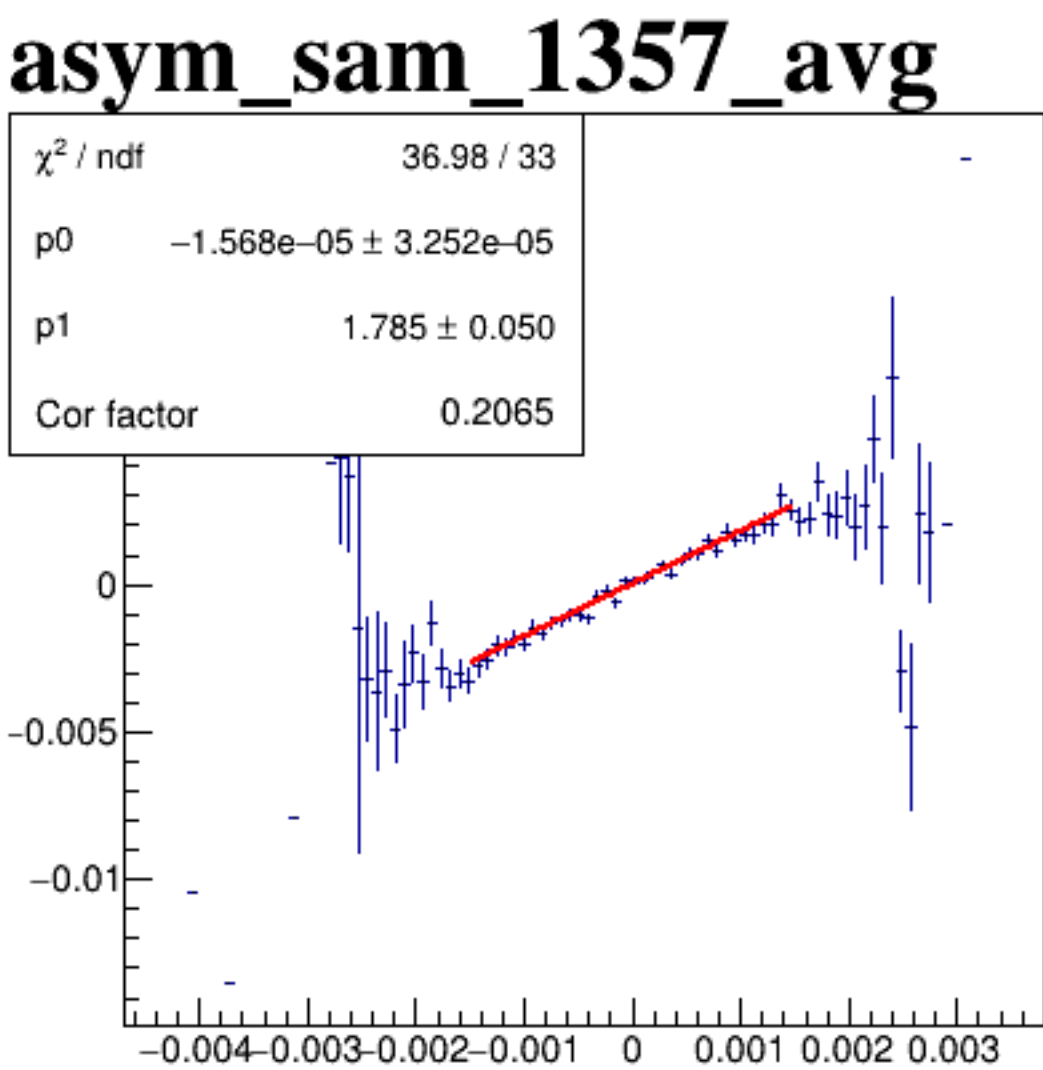
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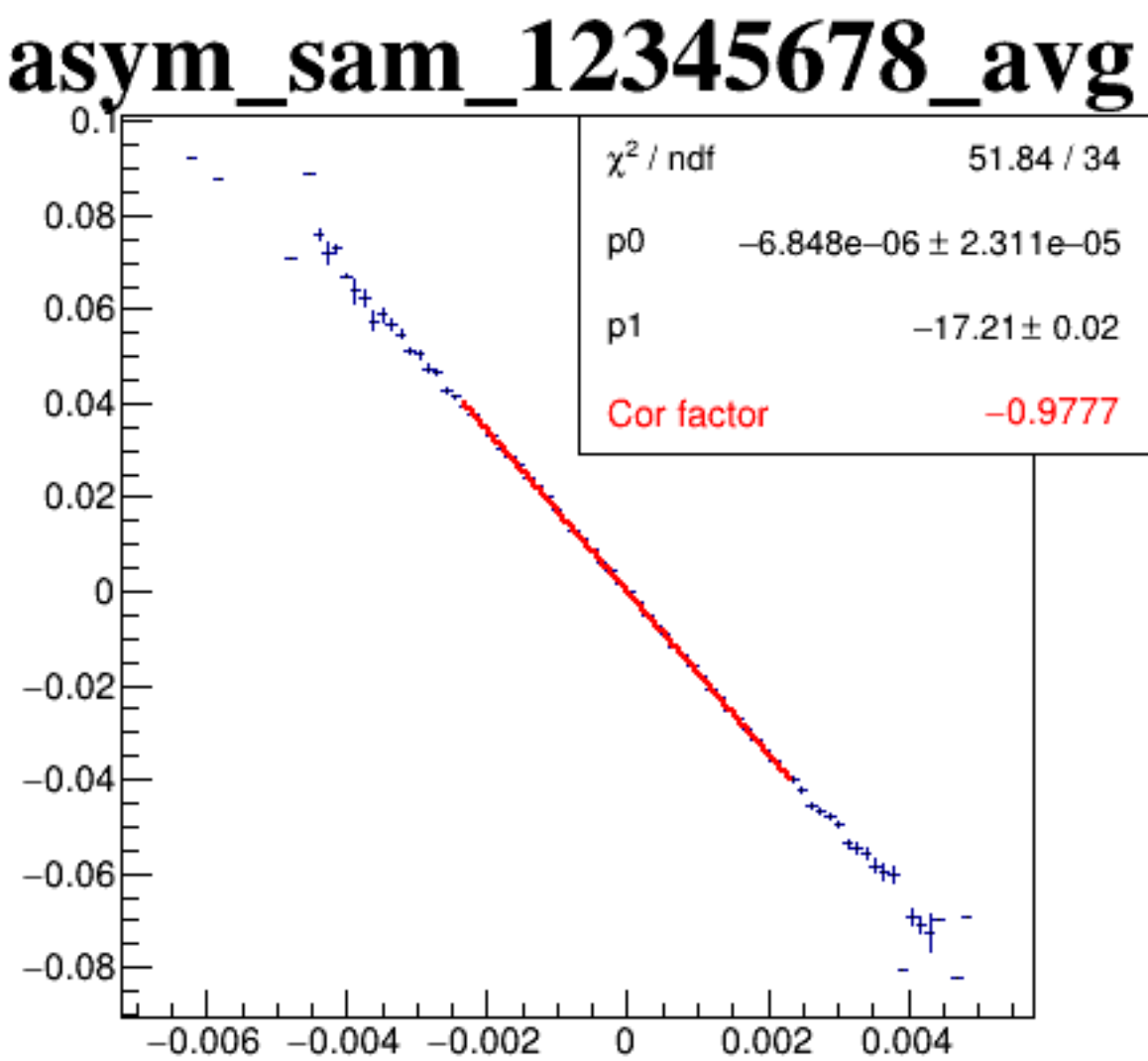
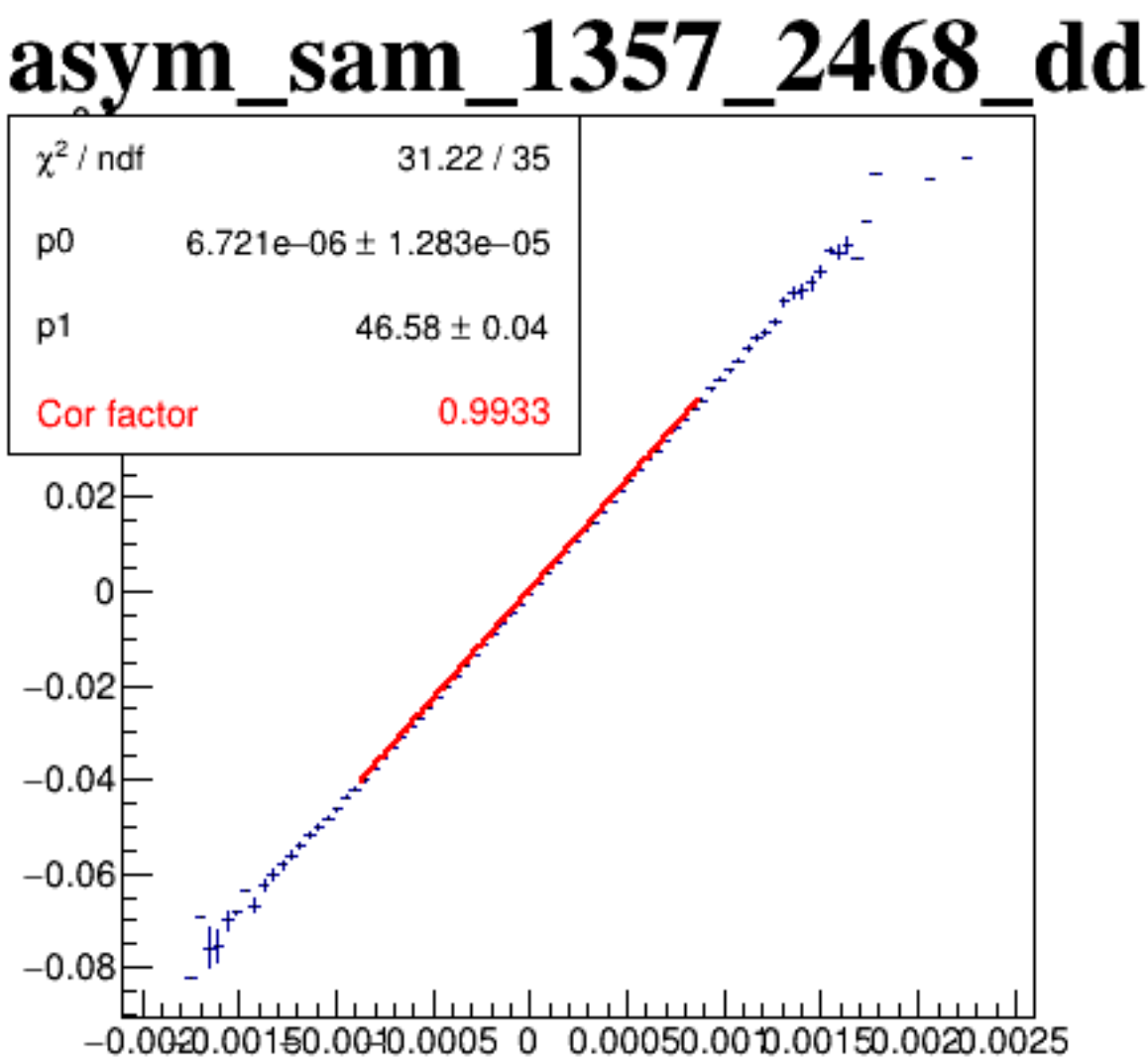
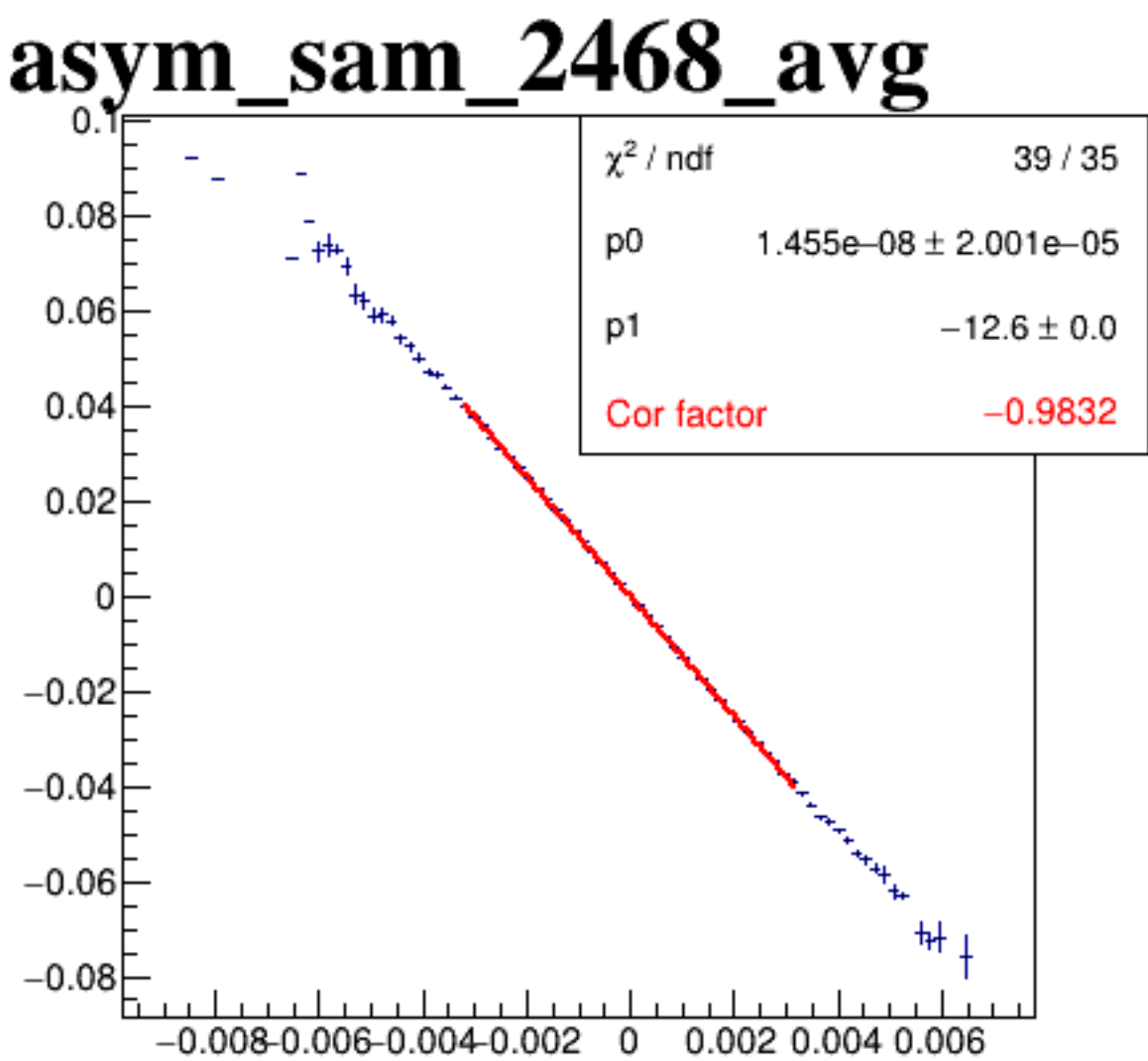
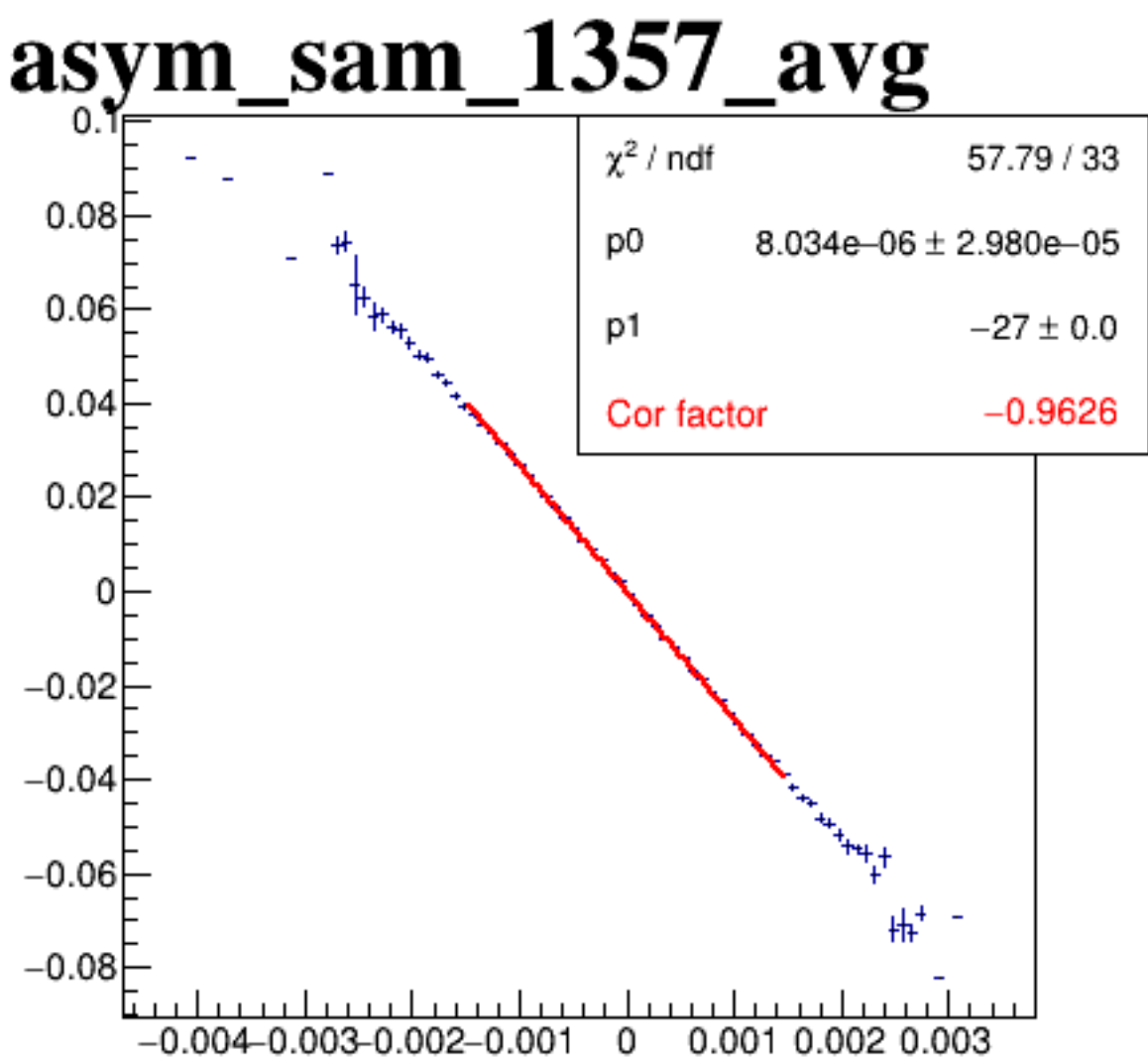
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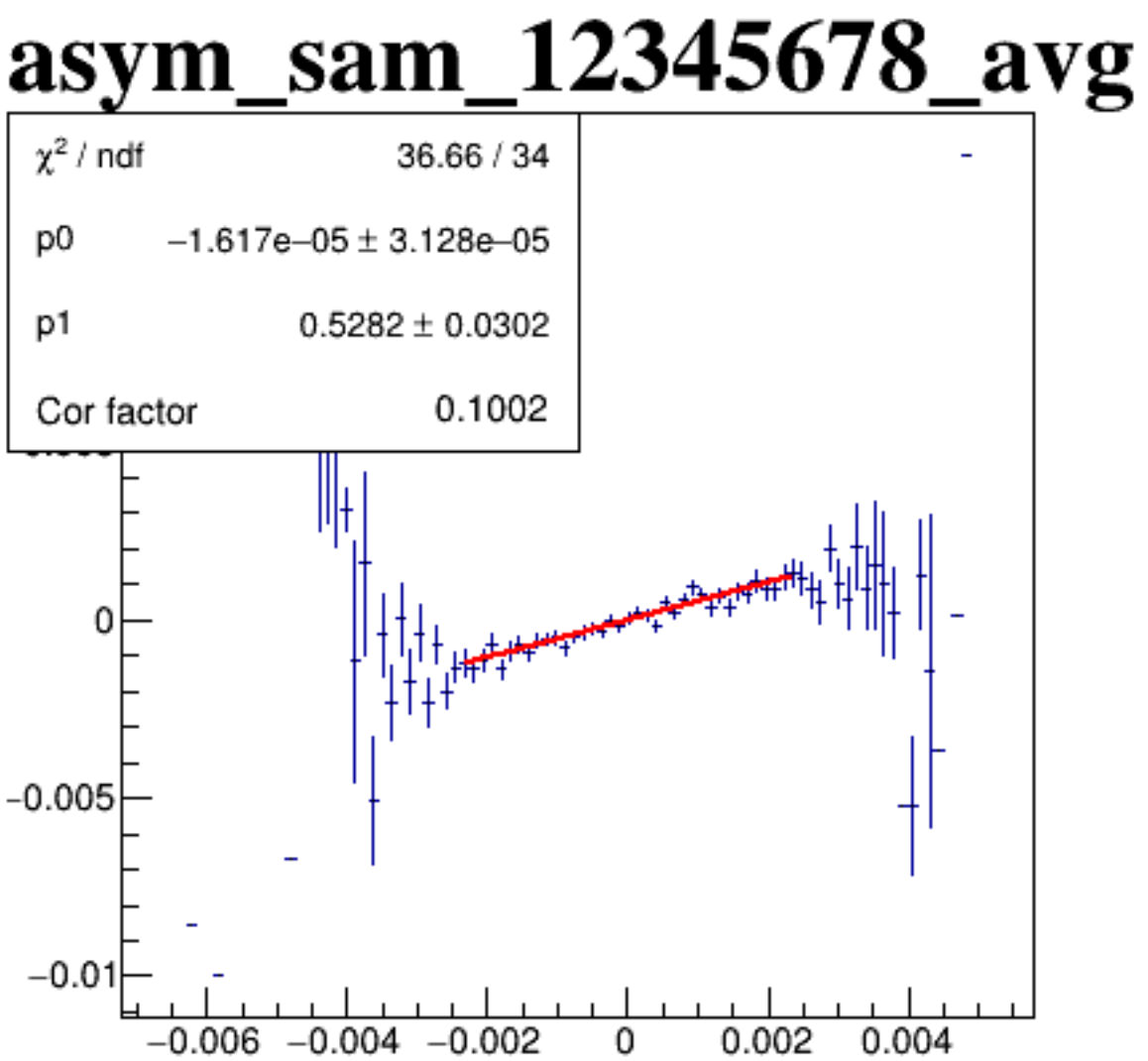
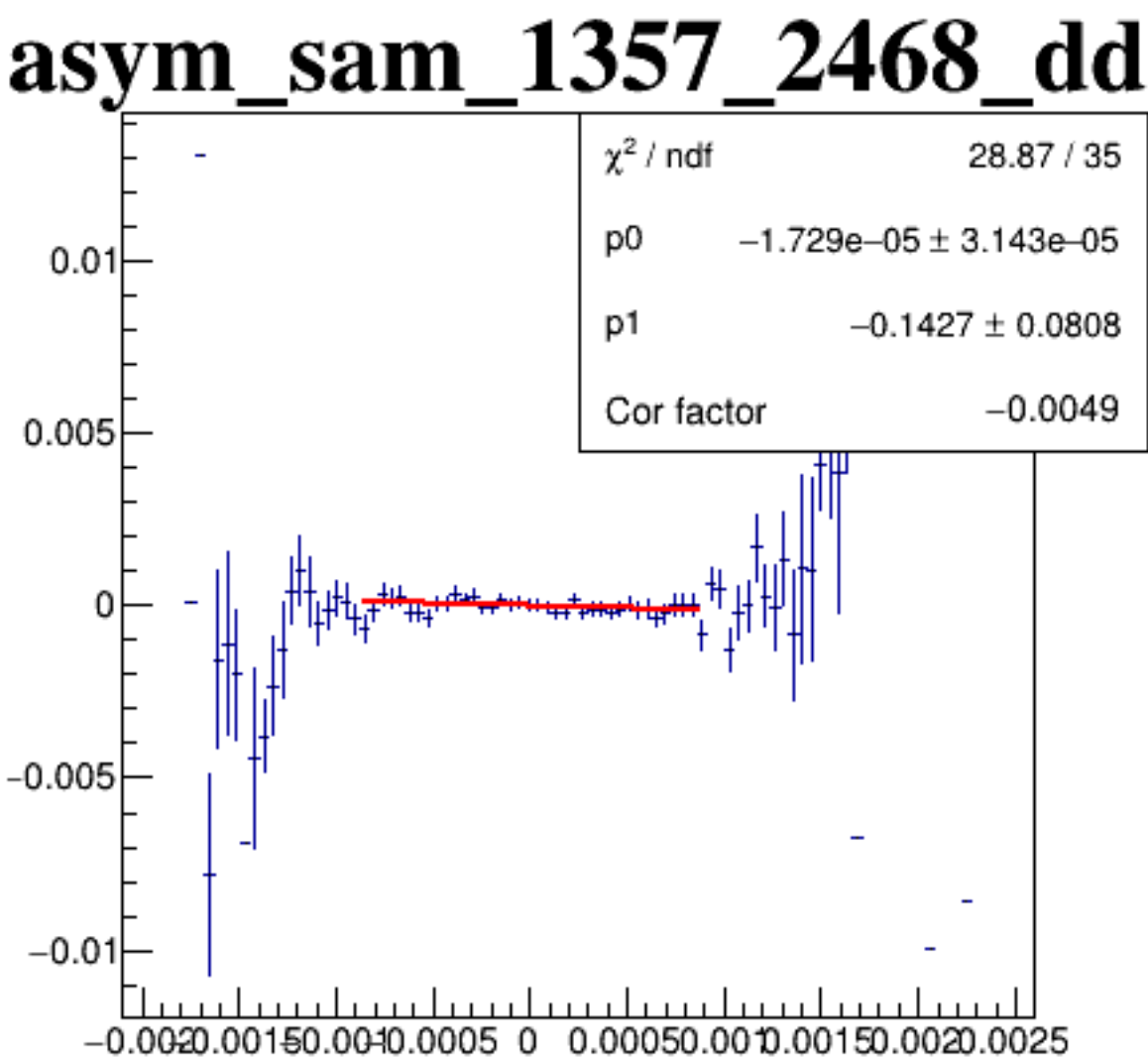
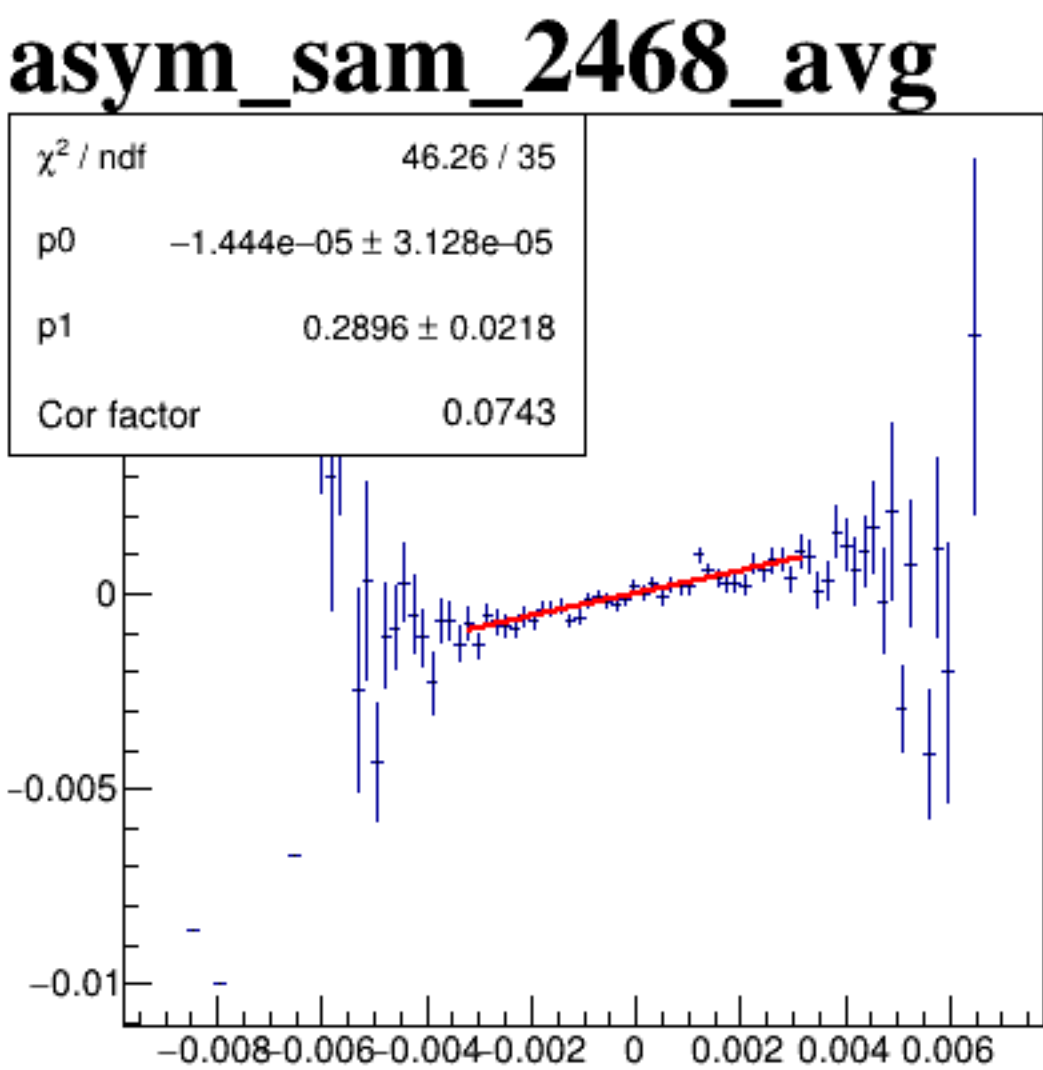
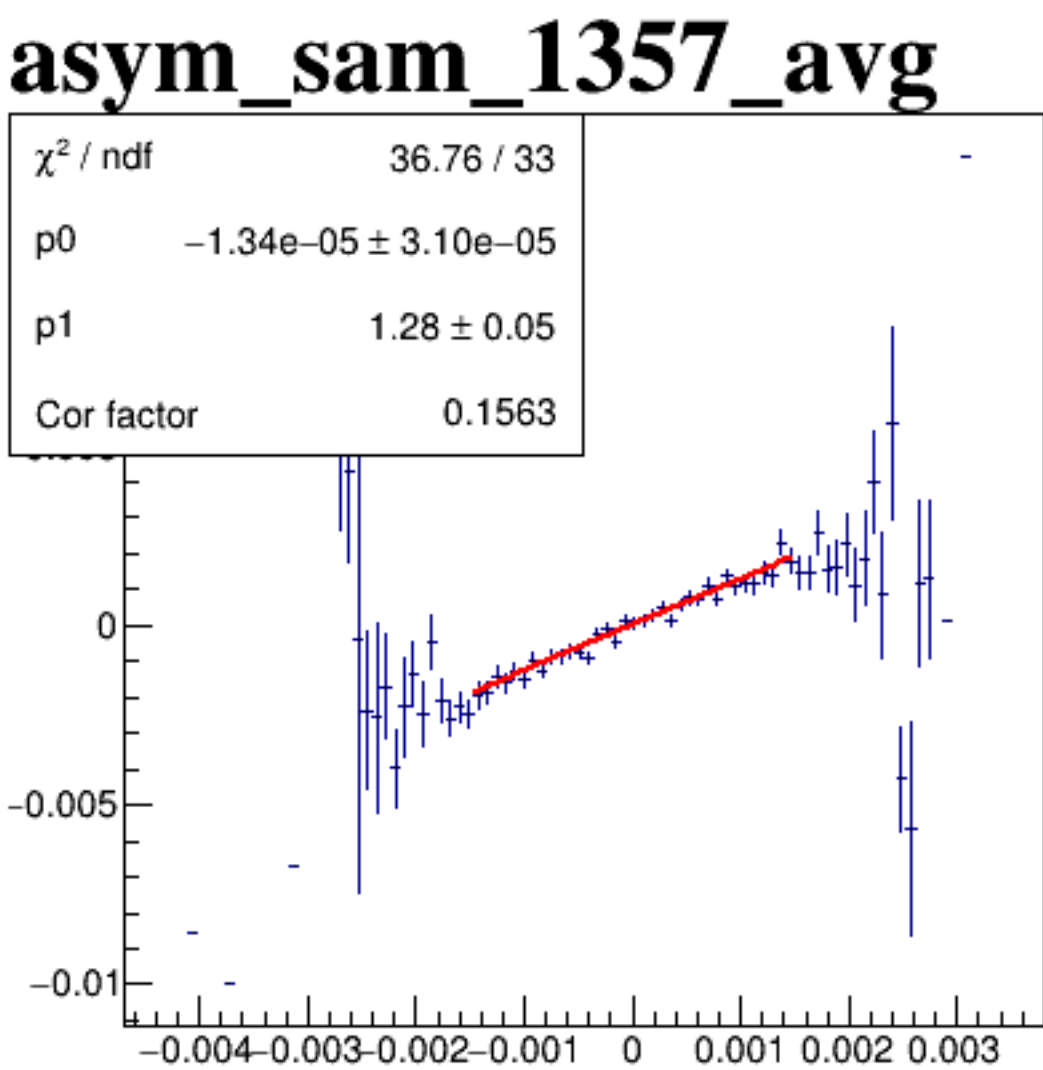
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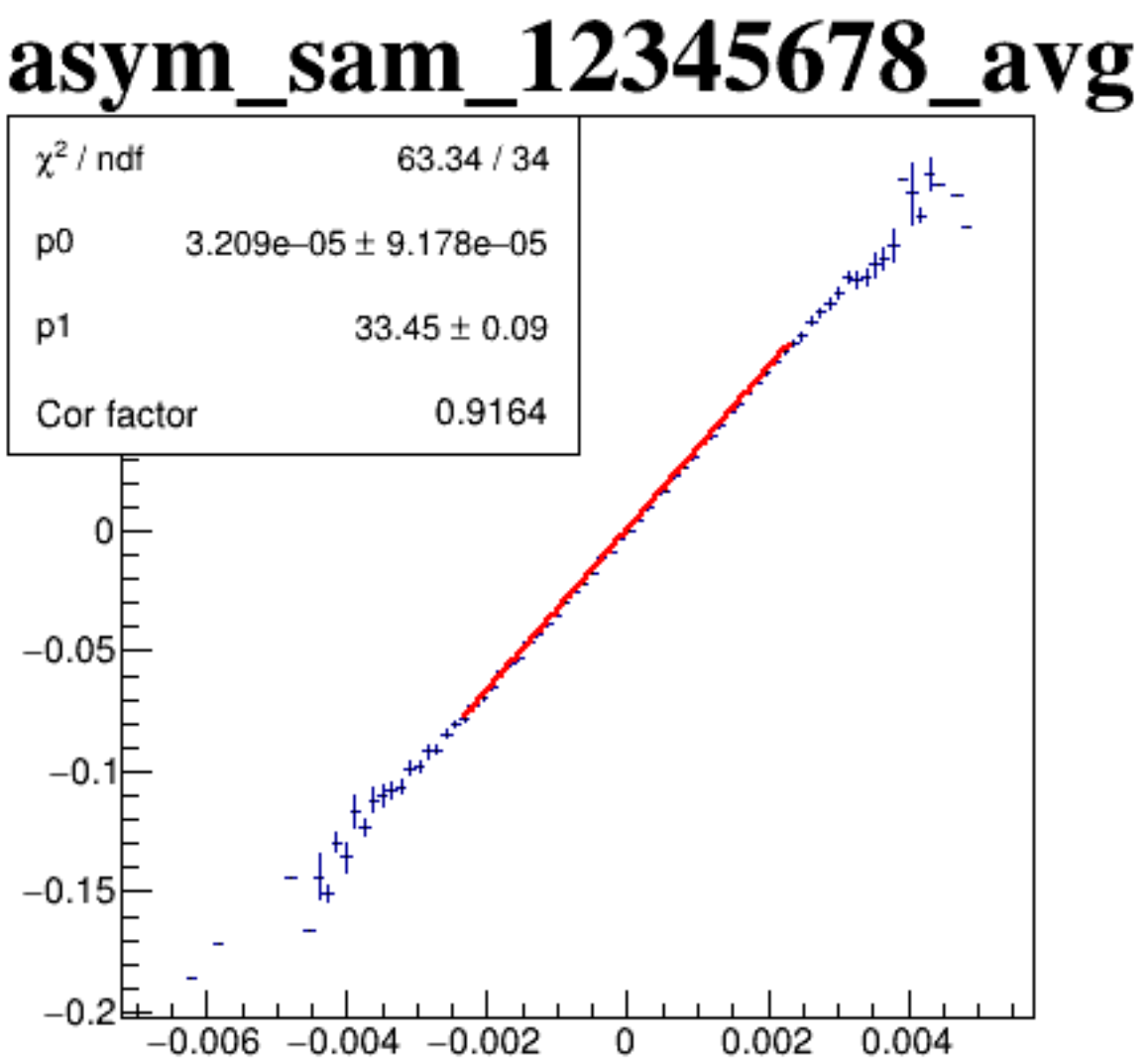
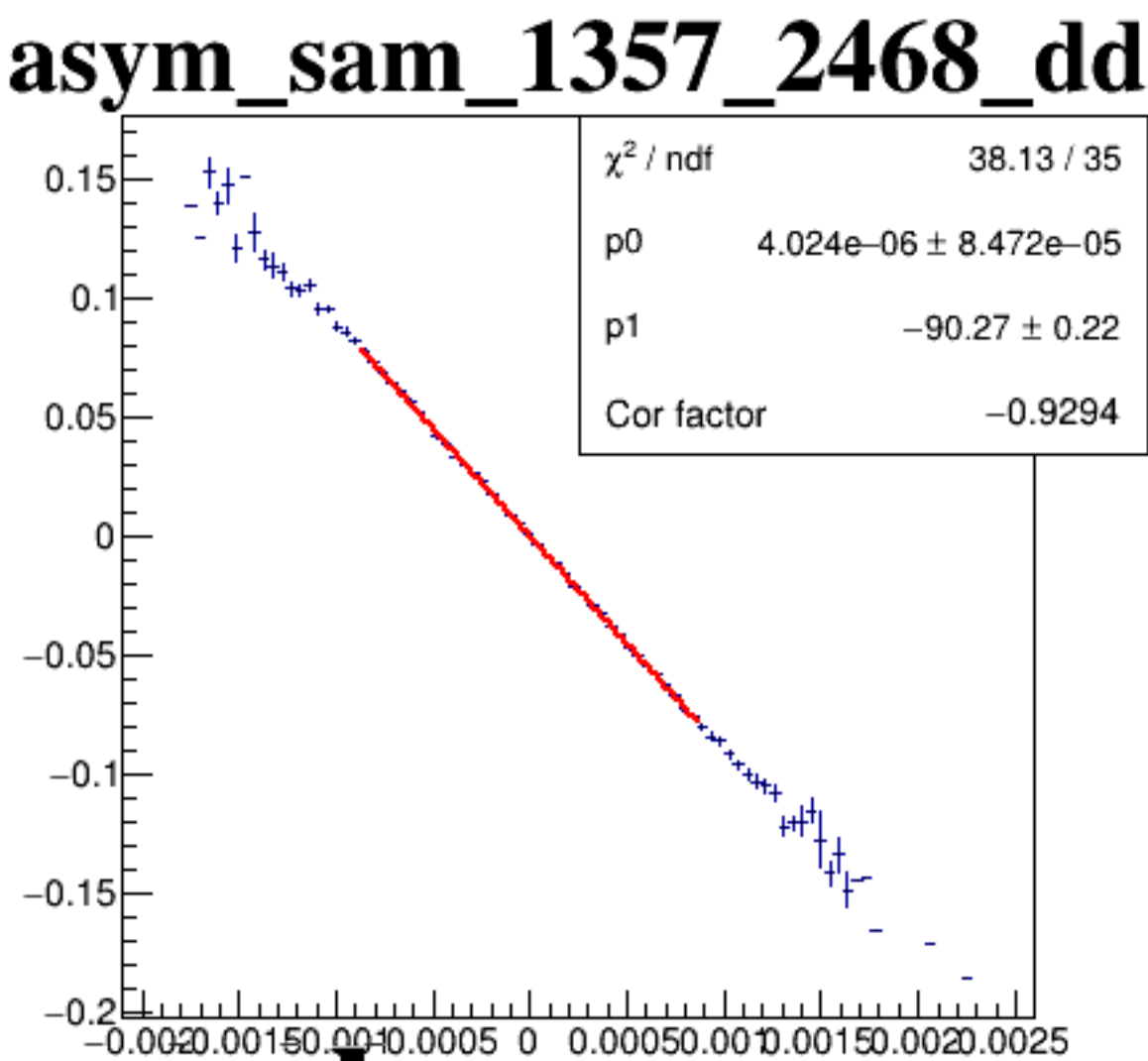
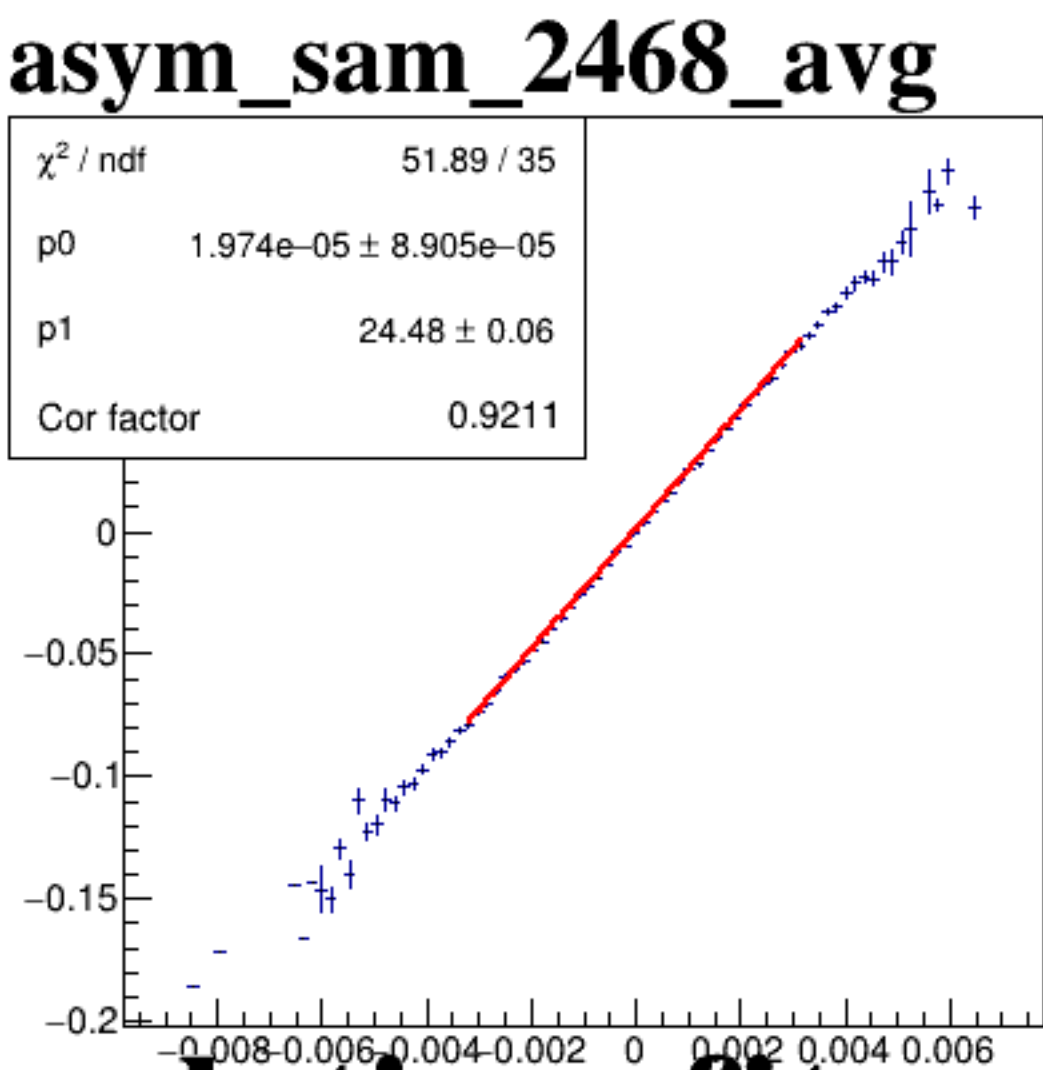
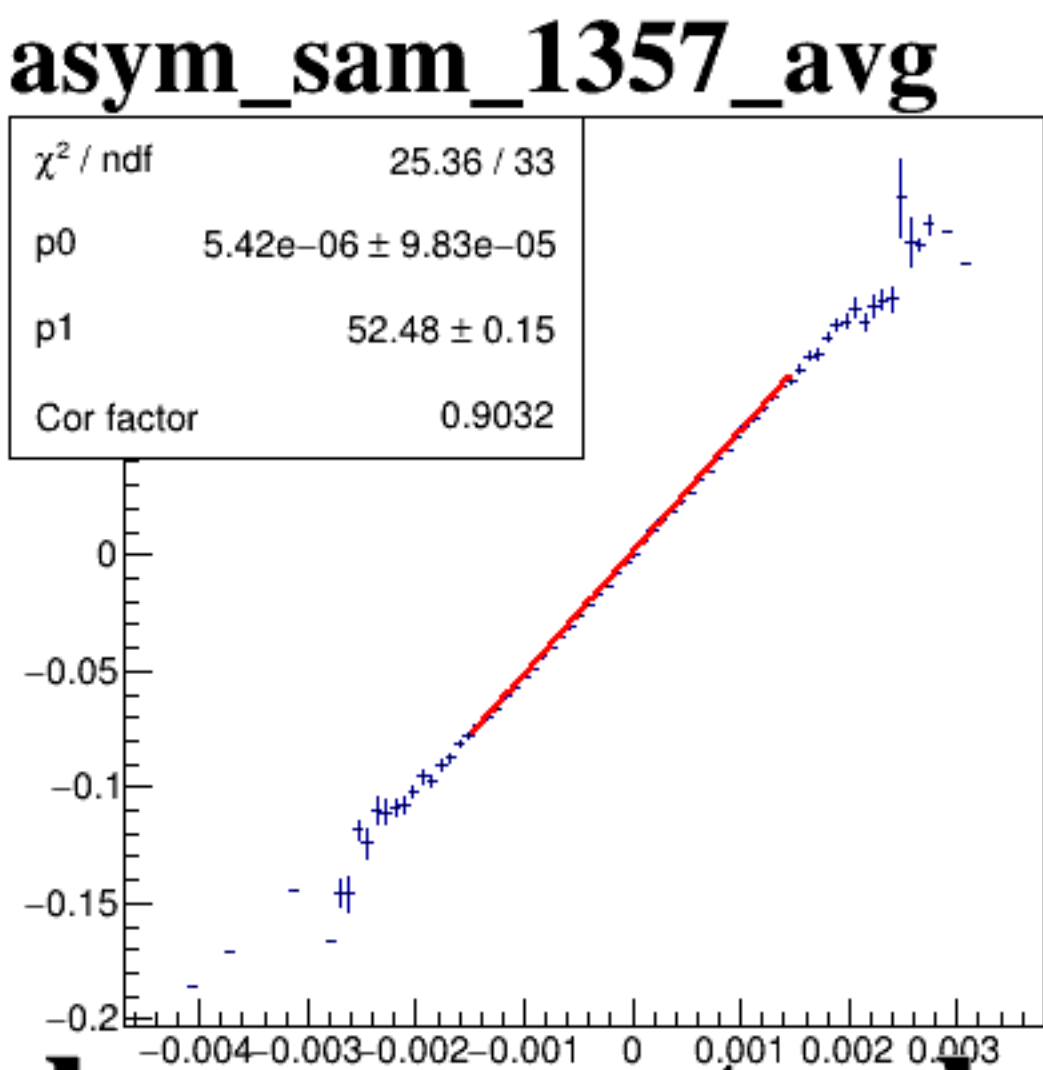
diff_bpm4eX



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 -0.2 to 0.2, and the x-axis ranges from -0.006 to 0.004. The data points form a dense, elongated cloud centered around the origin, indicating a strong positive correlation.