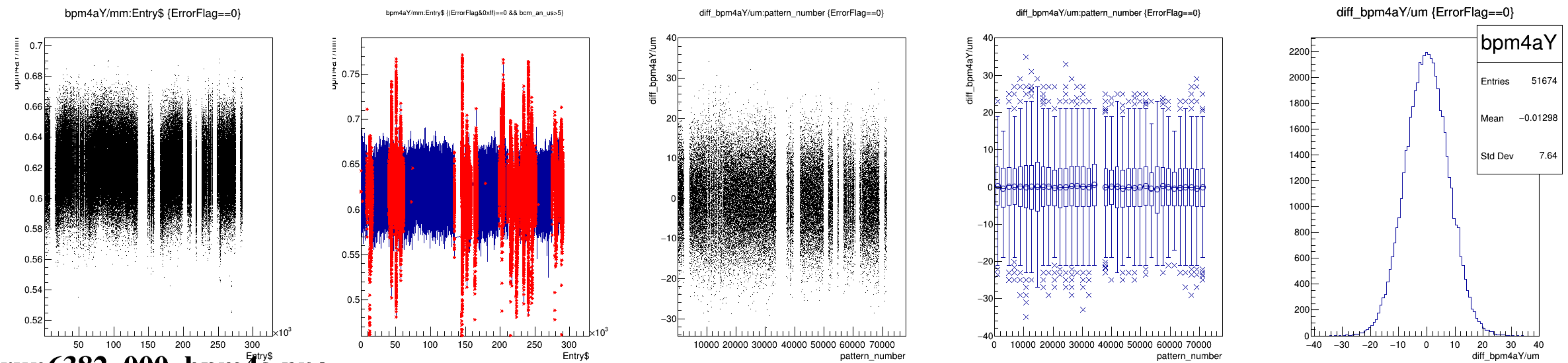
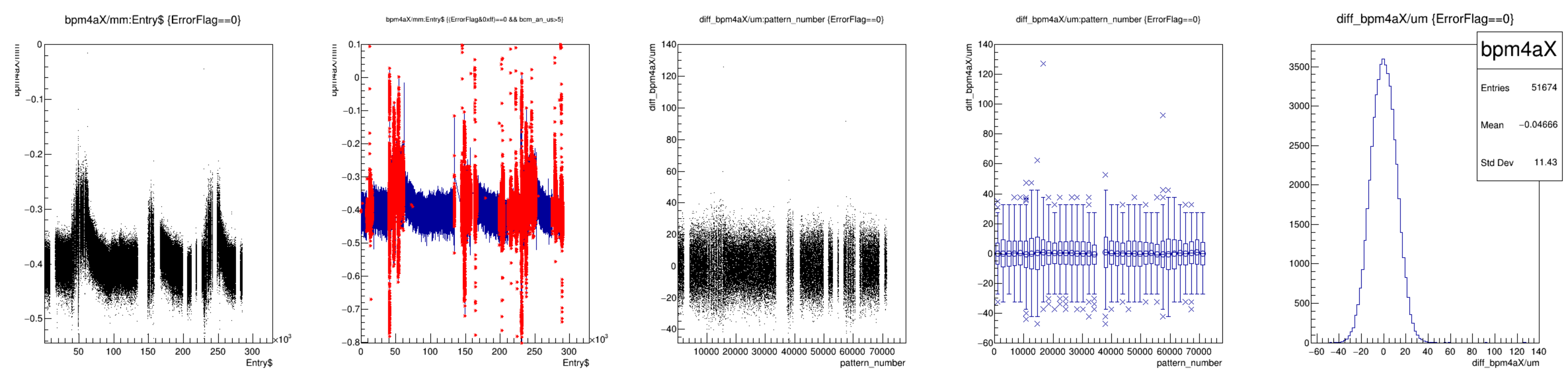
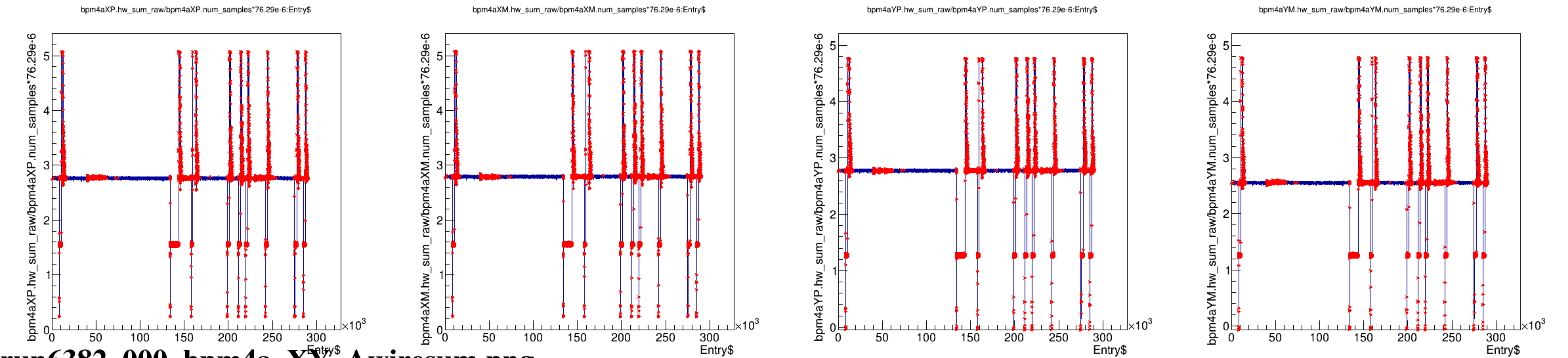
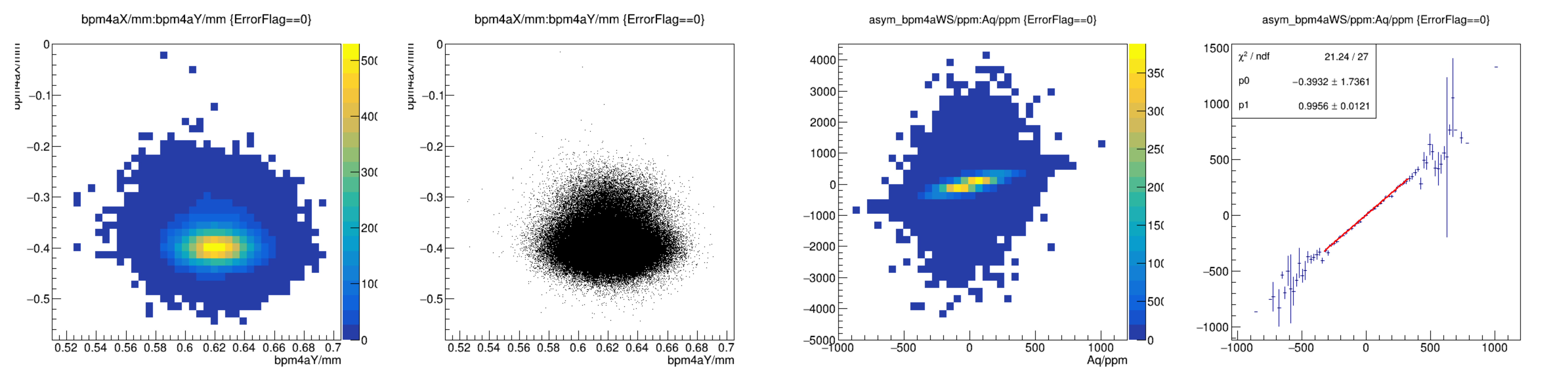
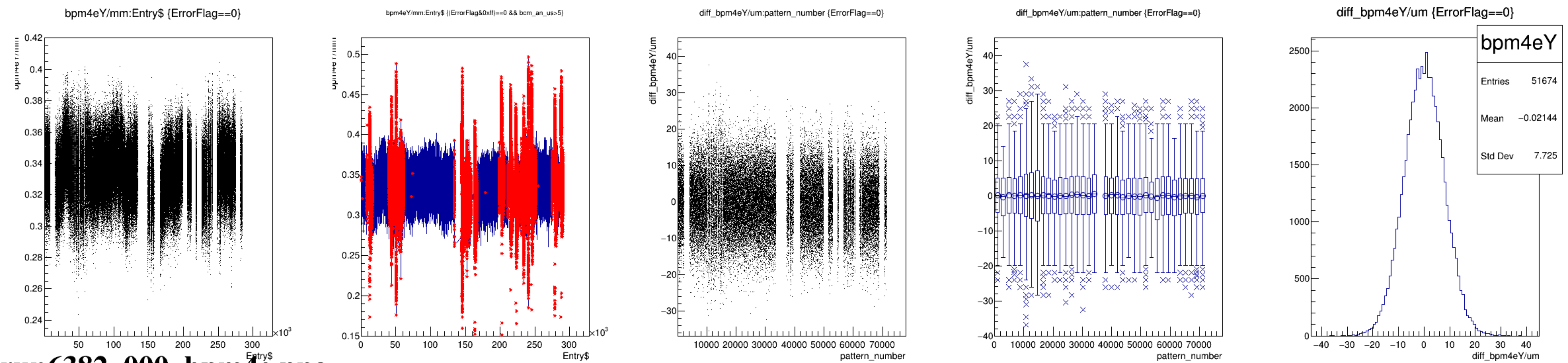
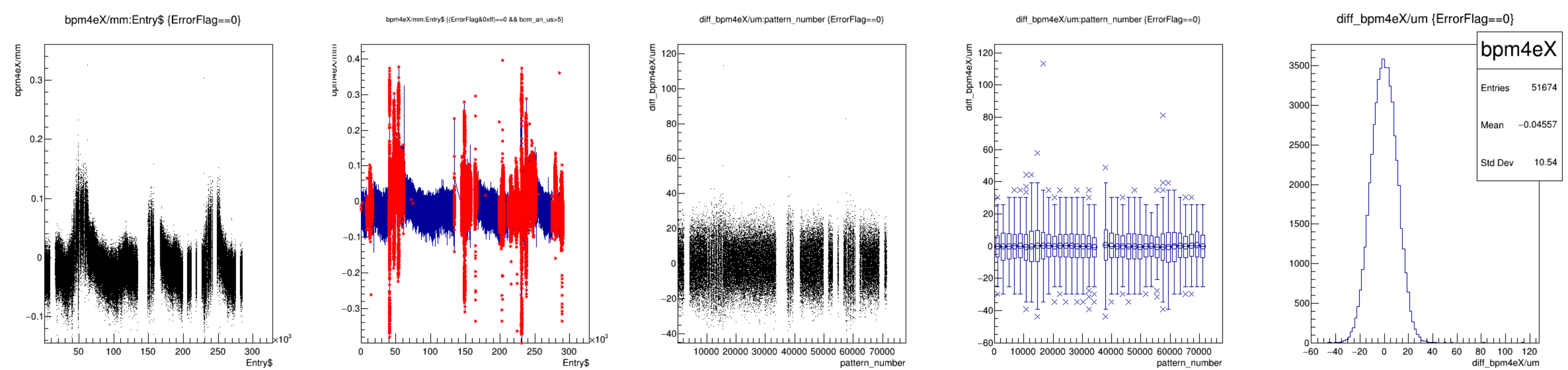
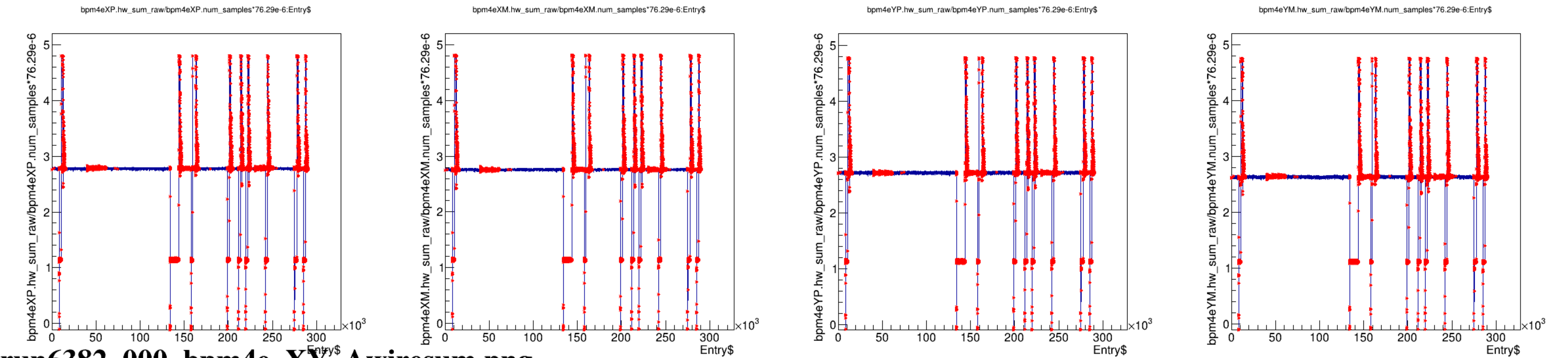
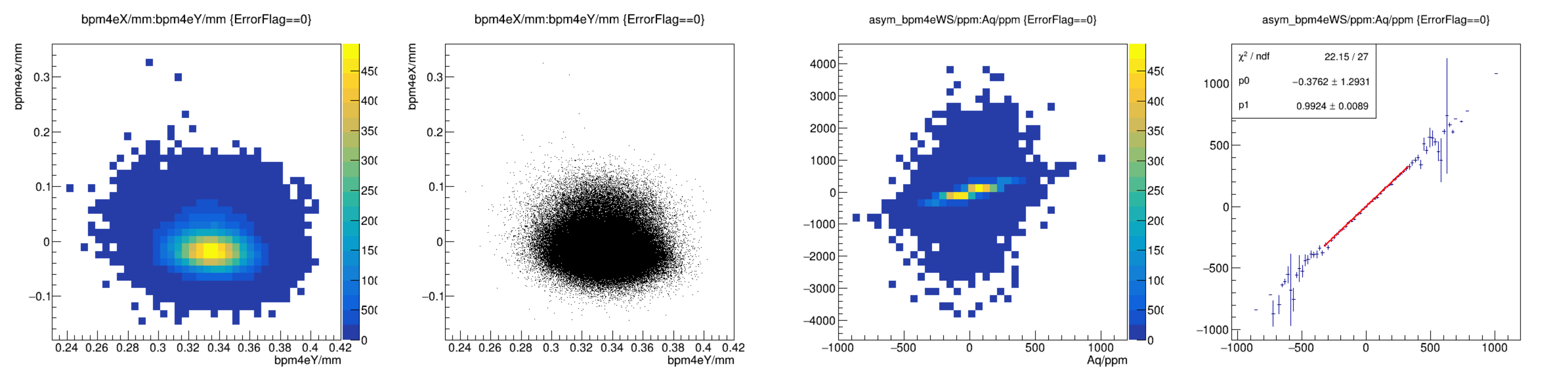


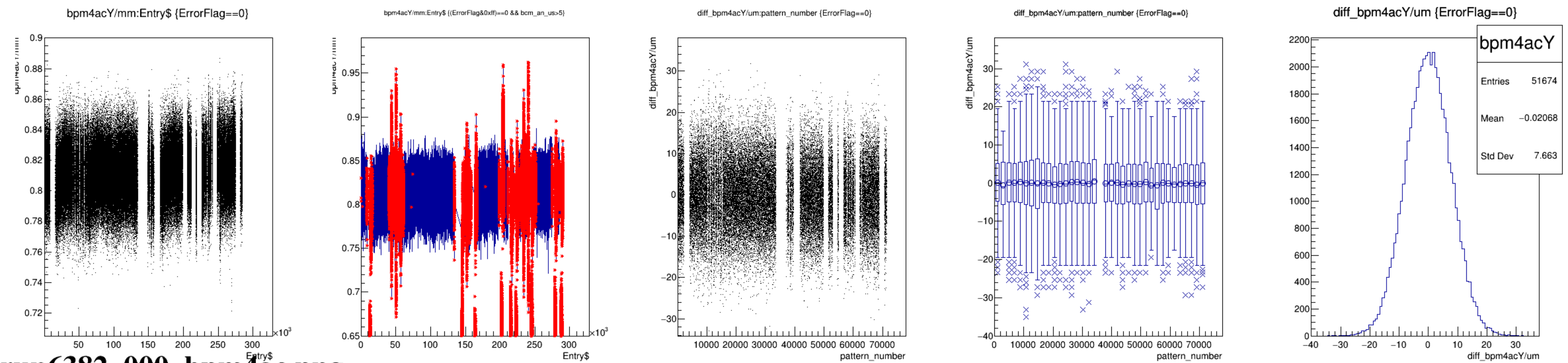
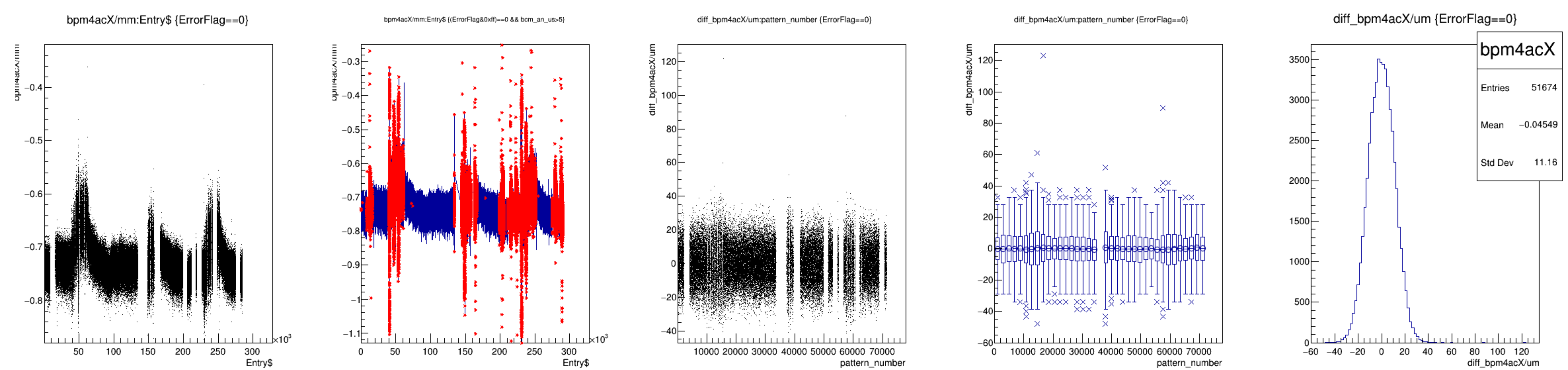


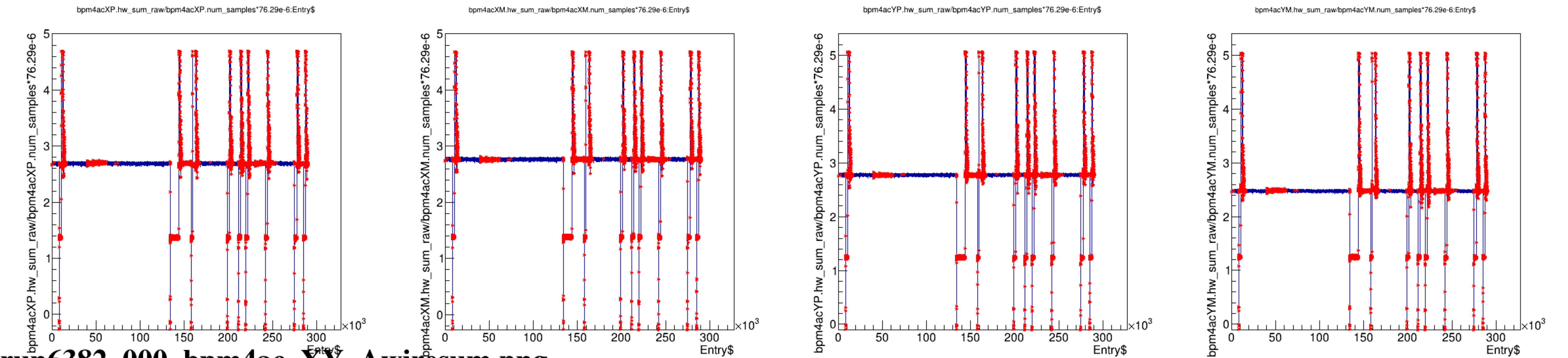
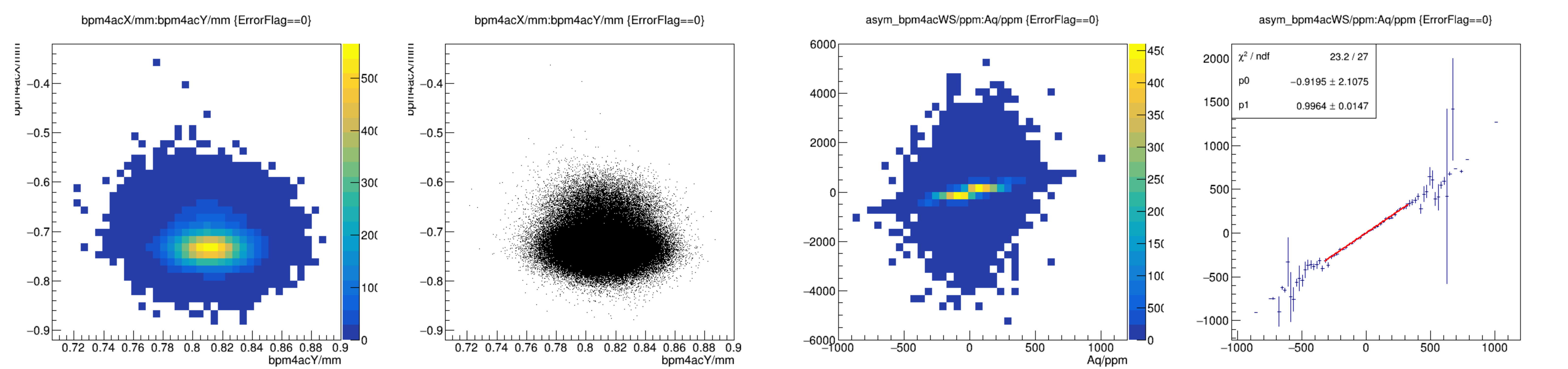




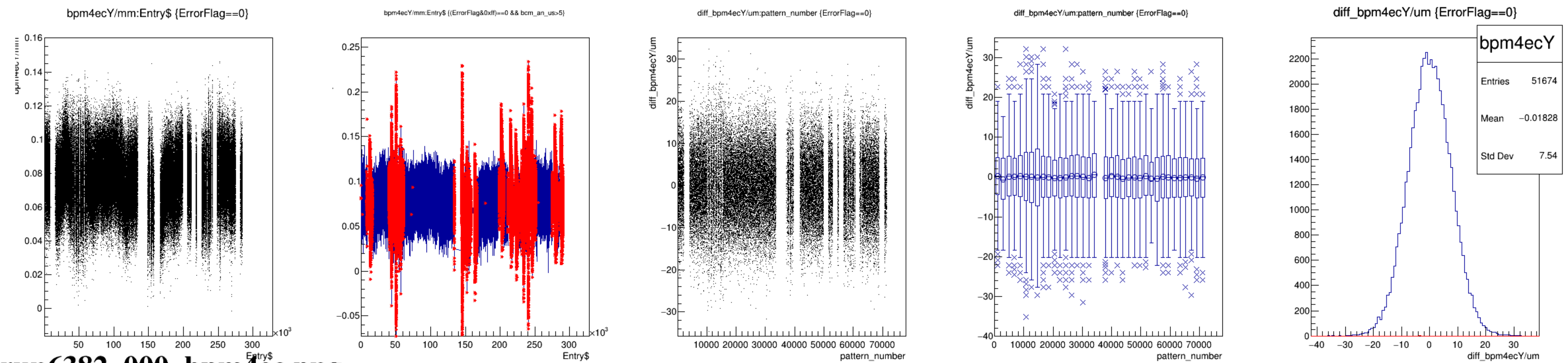
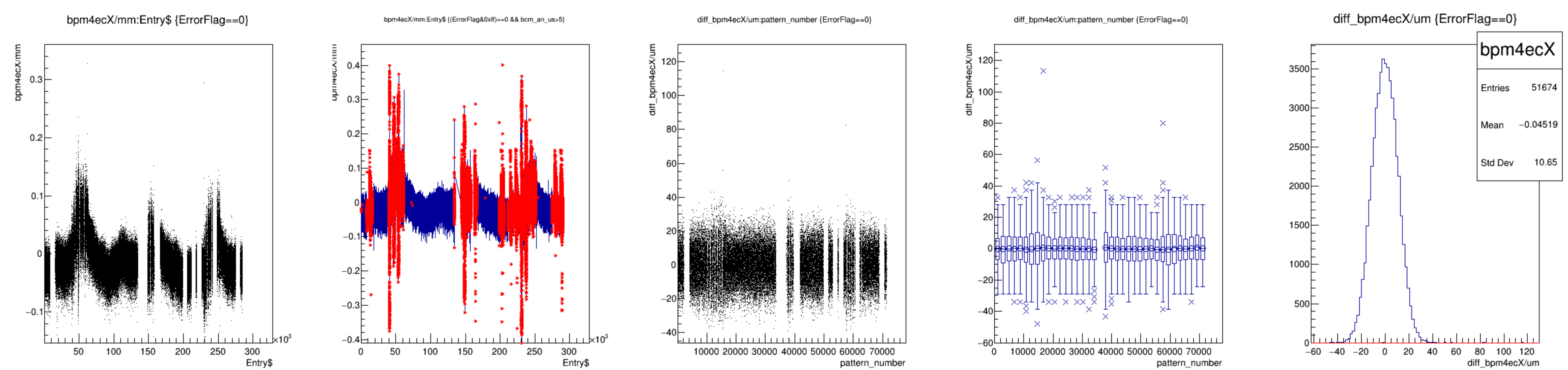


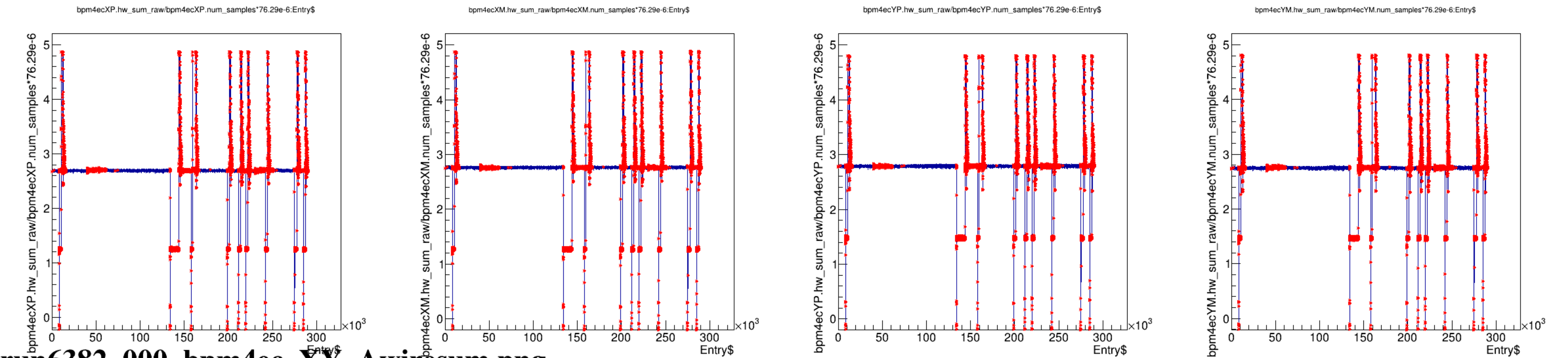
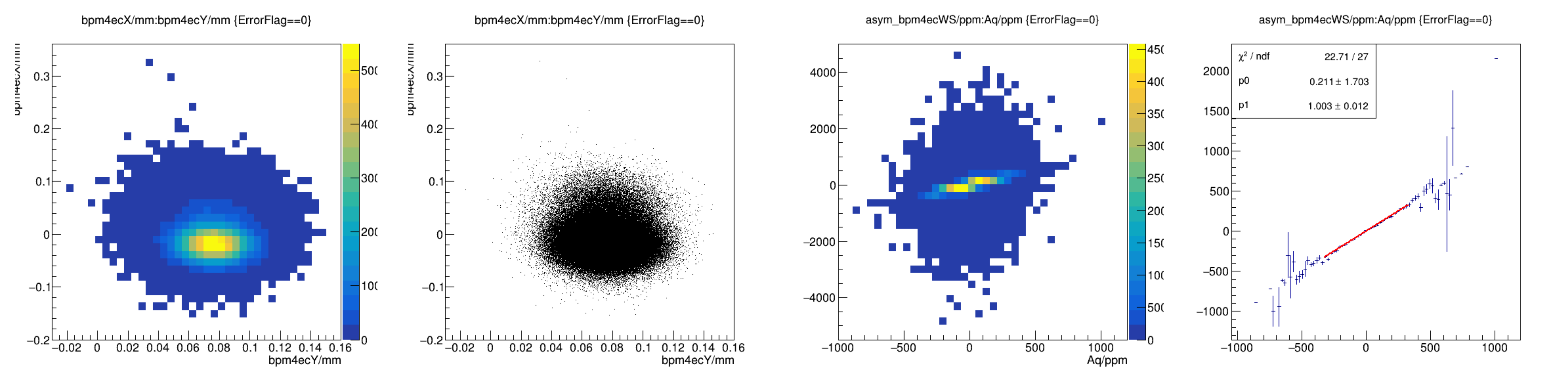
run6382_000_bpm4e_XY_Awiresum.png



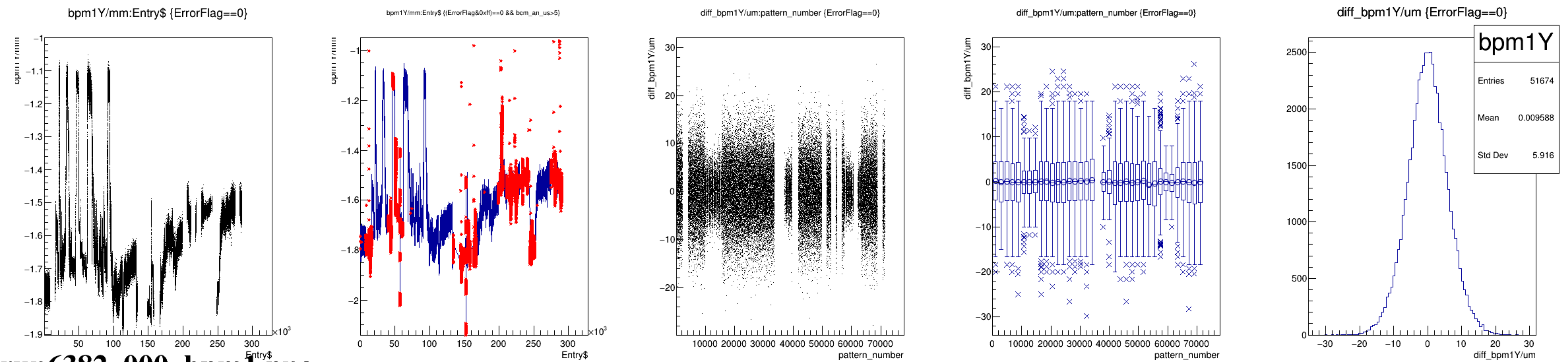
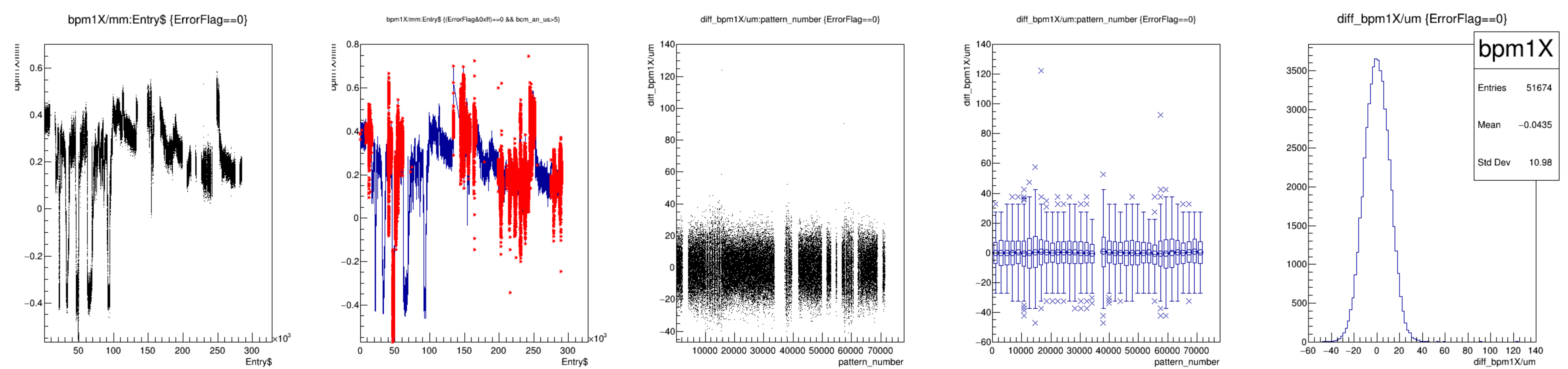


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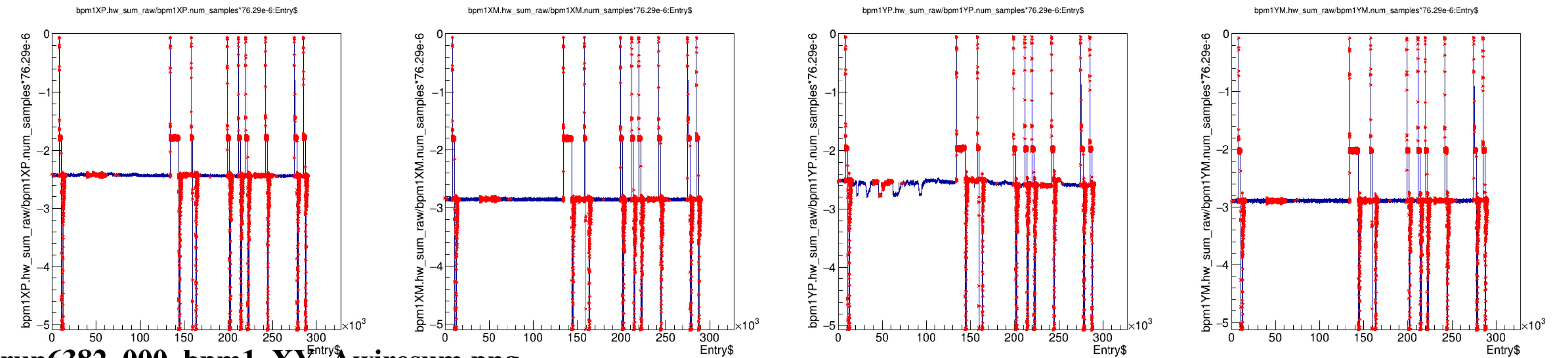
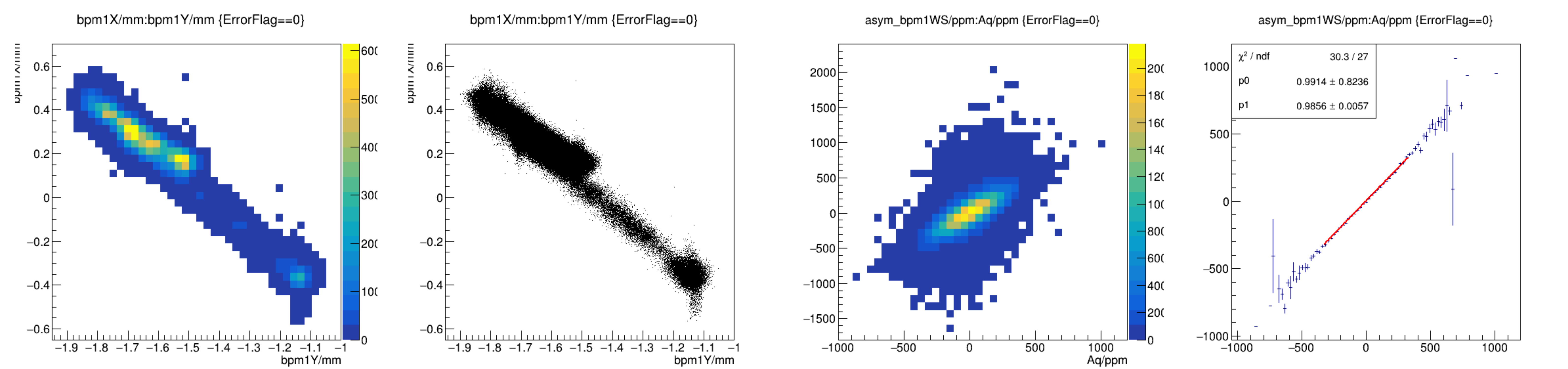




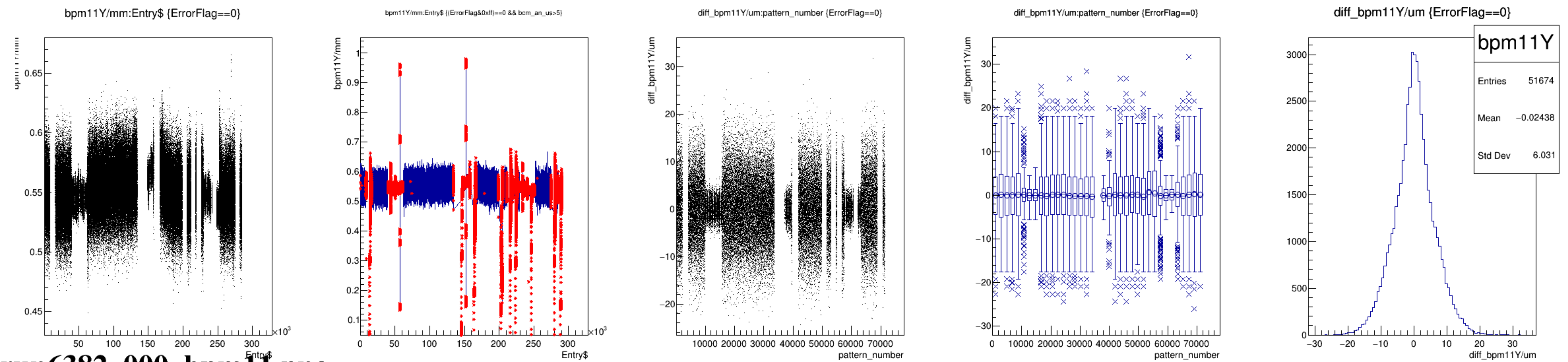
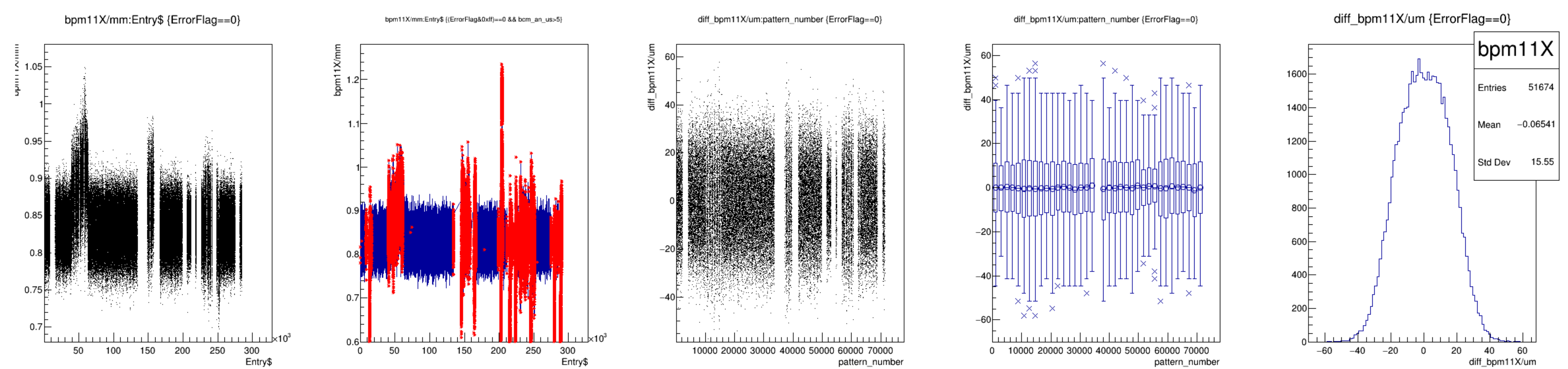
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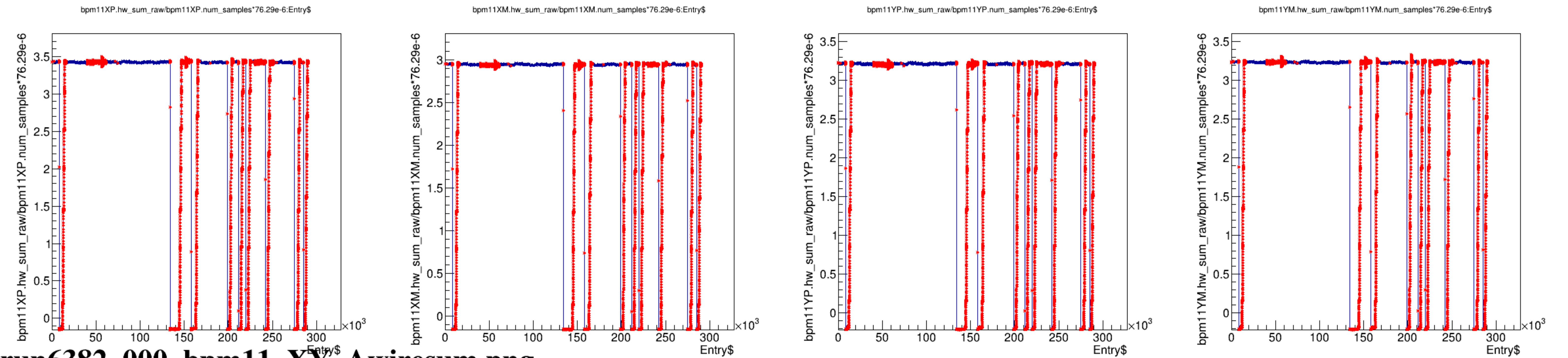
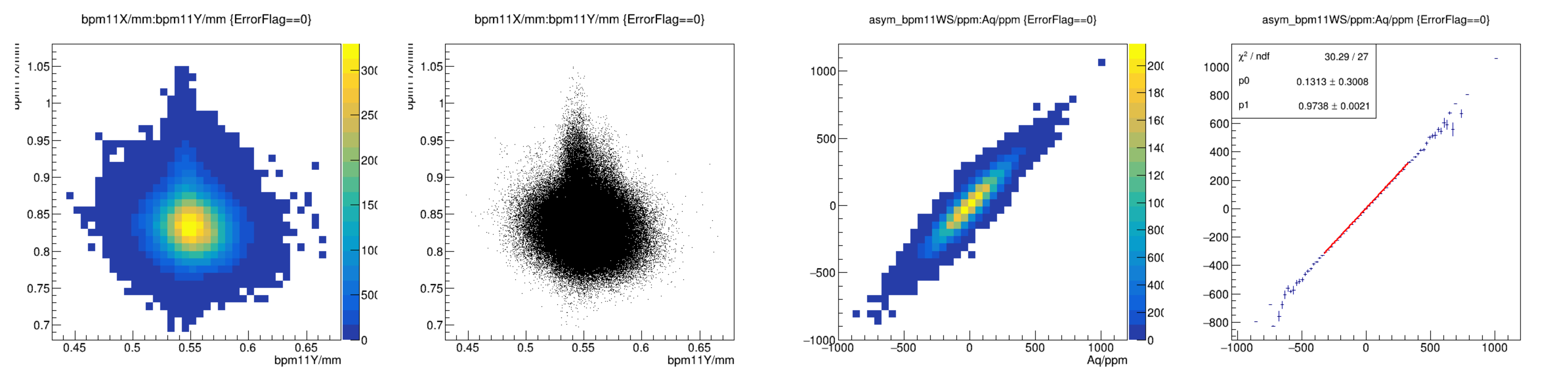


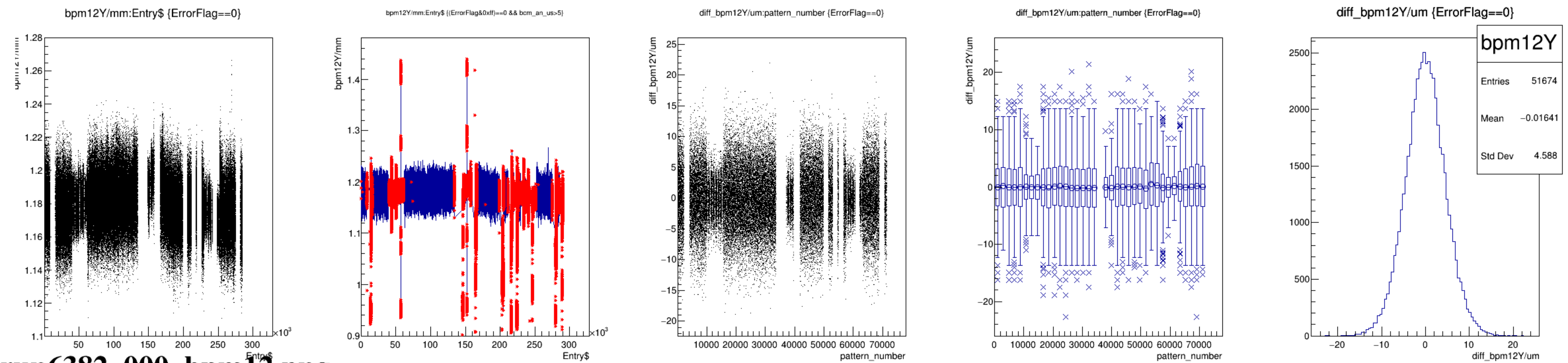
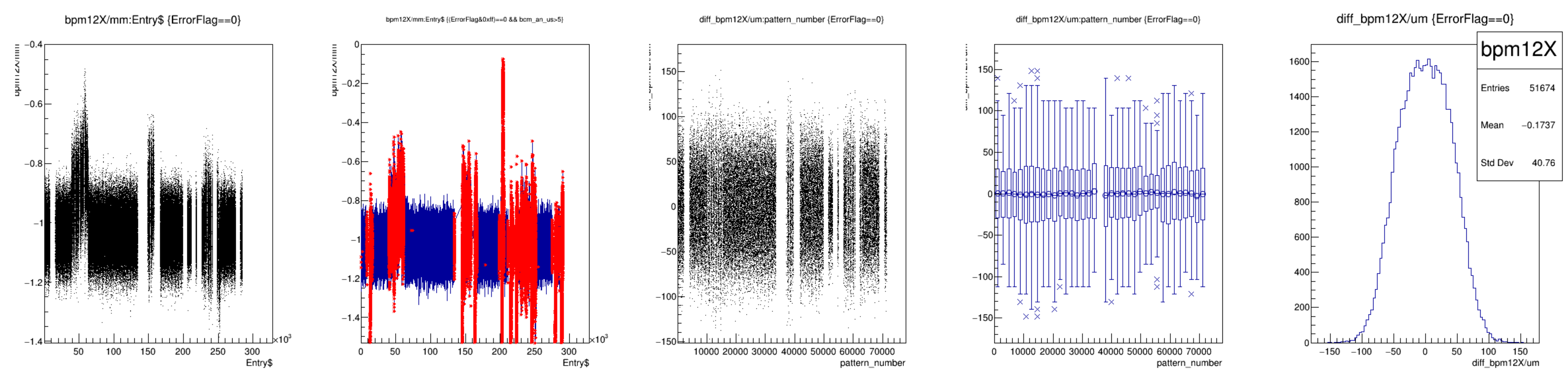
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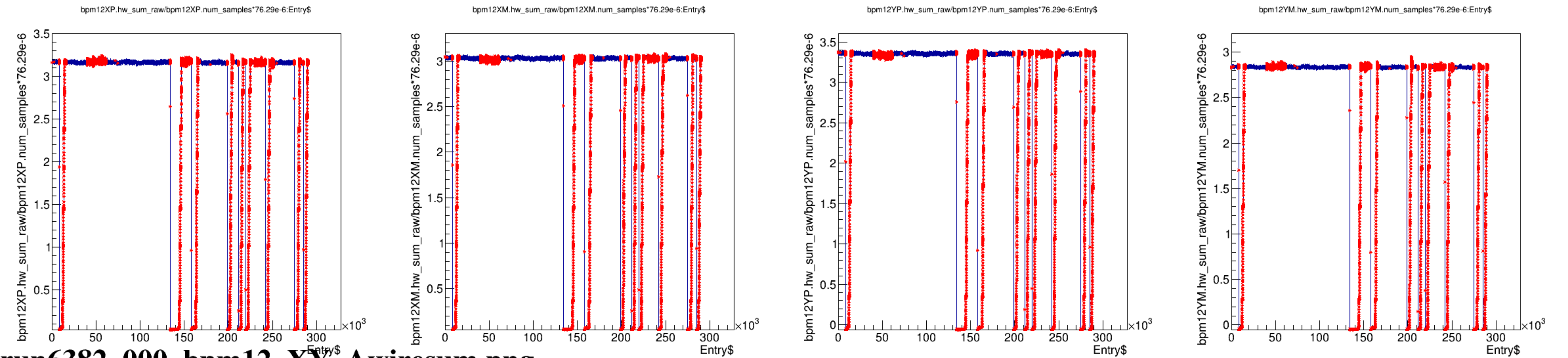
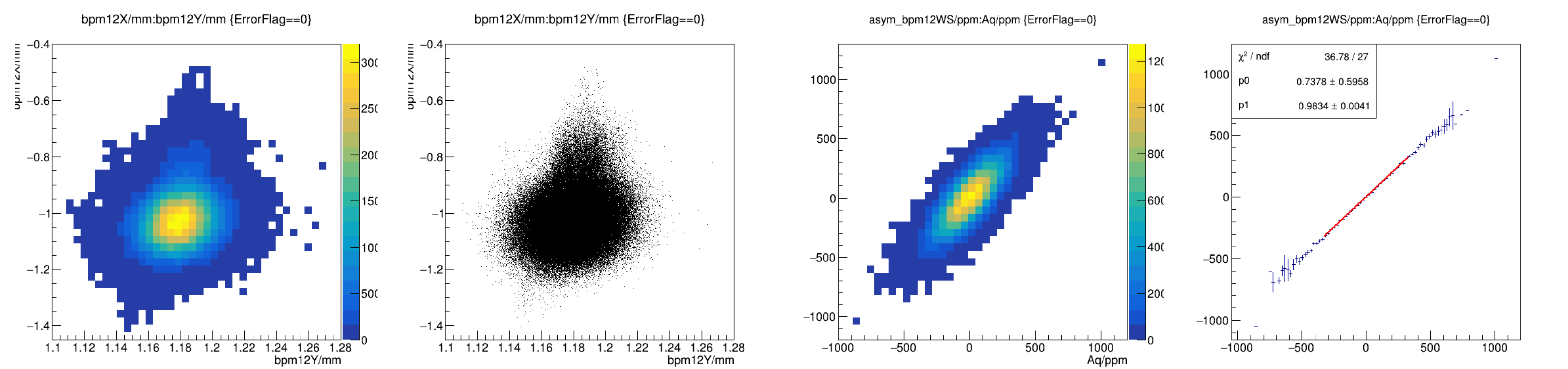


run6382_000_bpm1_XY_Awiresum.png

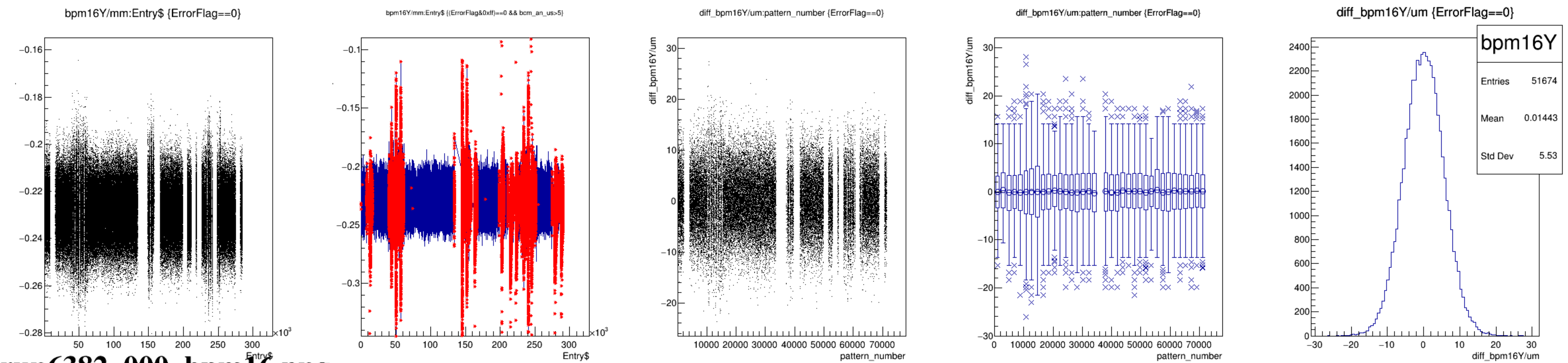
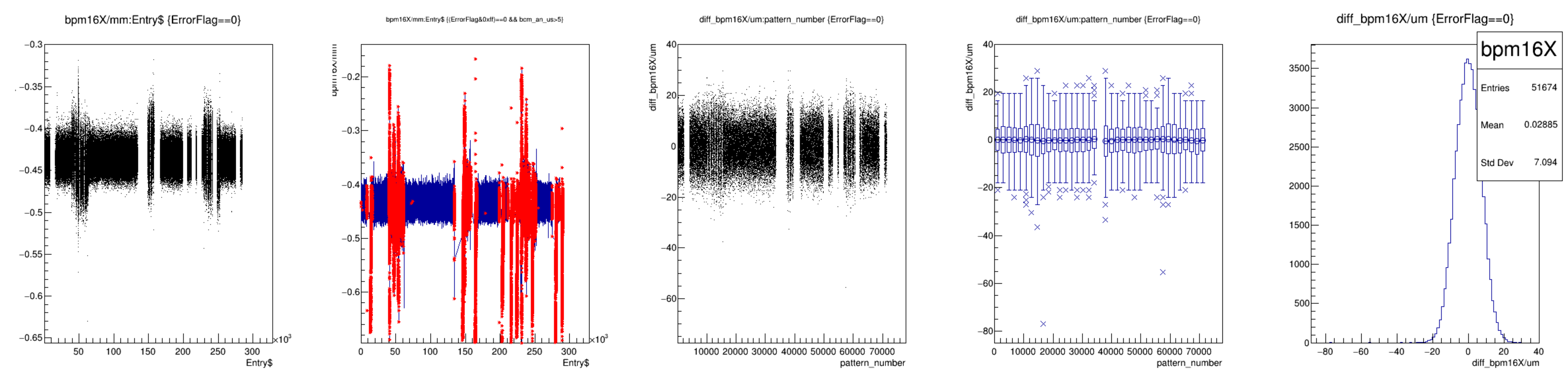


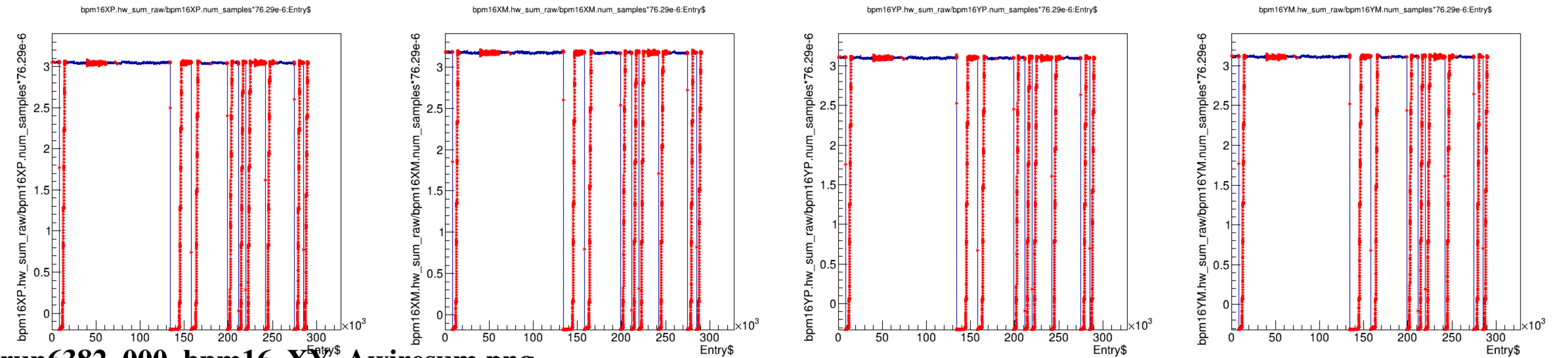
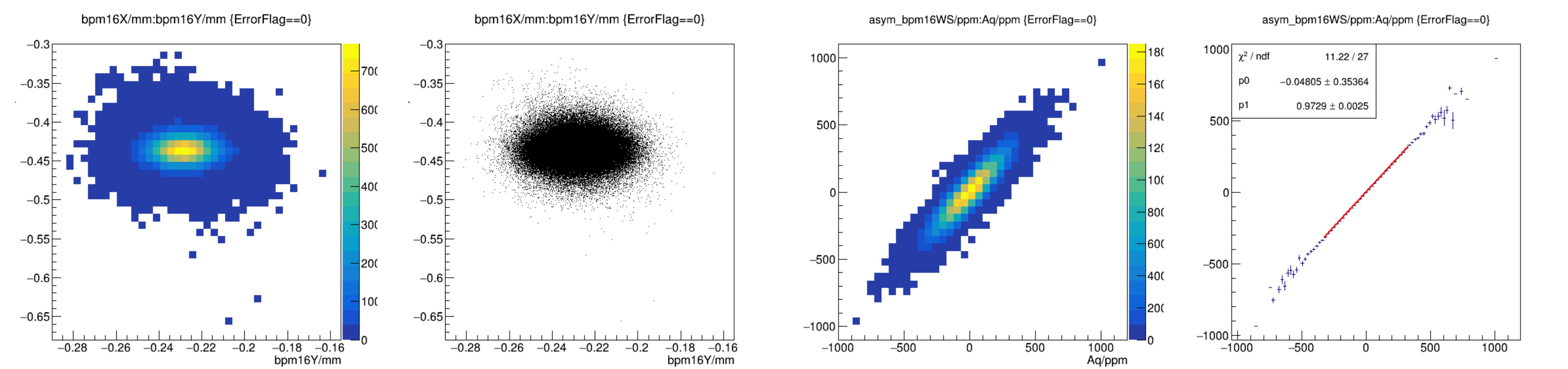




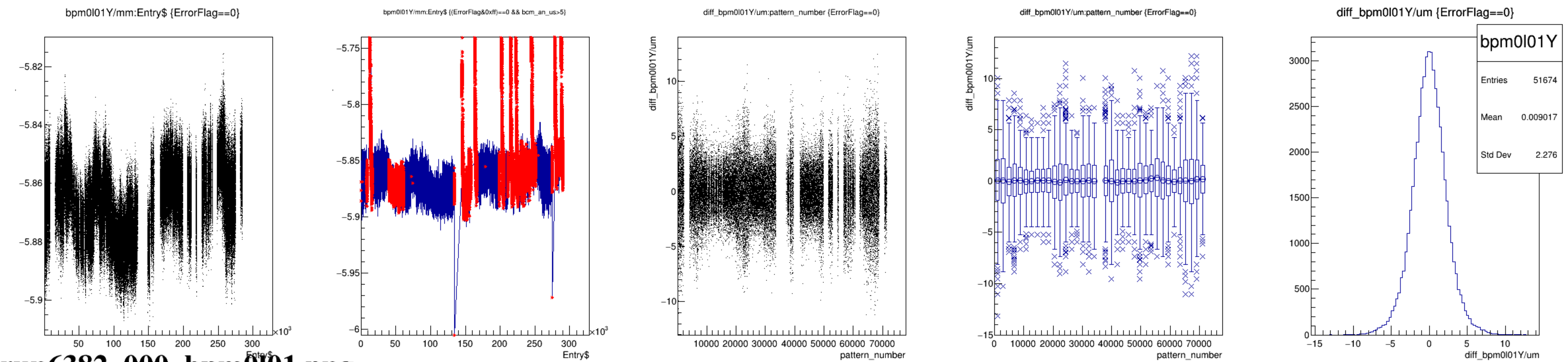
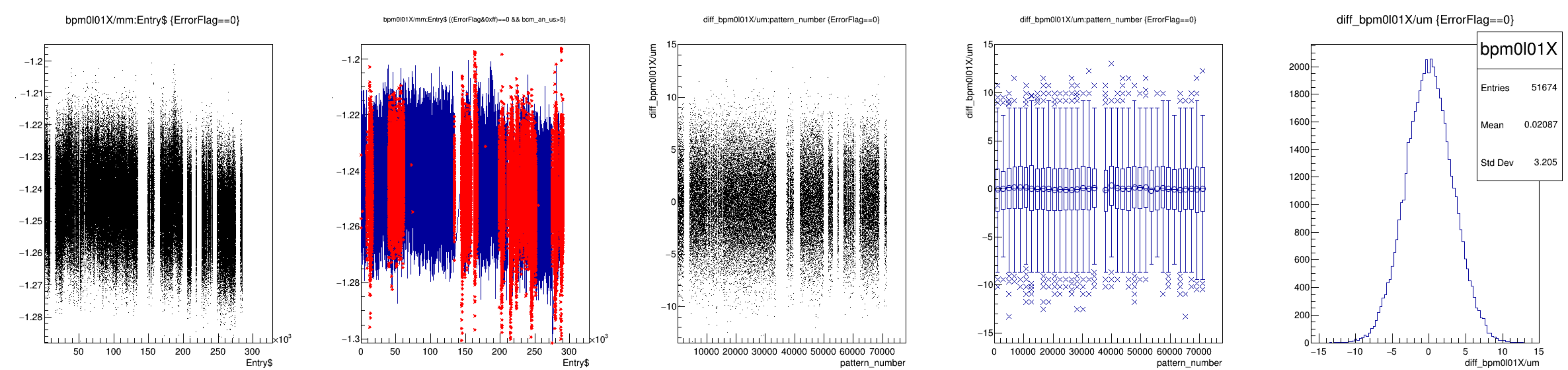


run6382_000_bpm12_XY_Awiresum.png

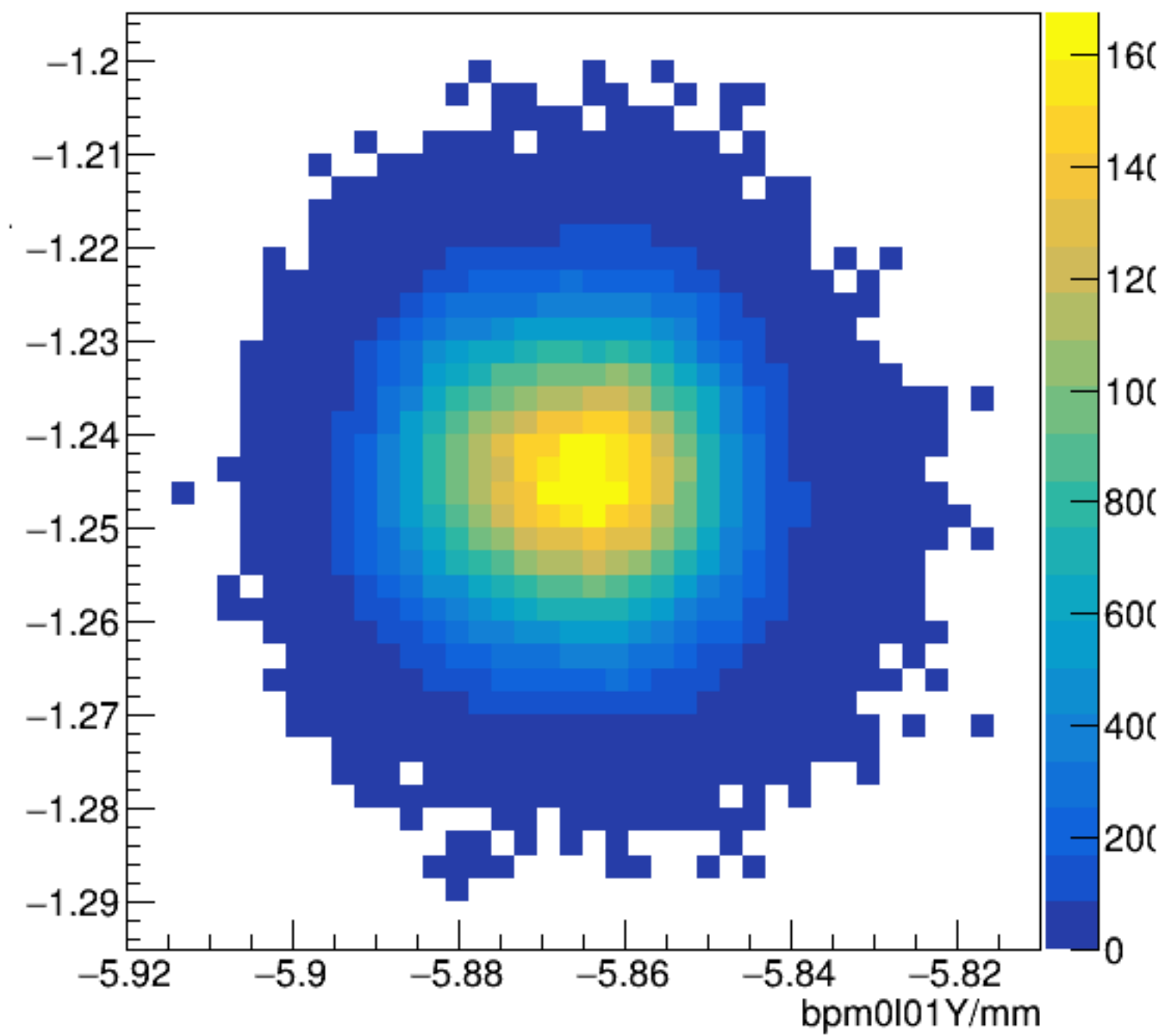




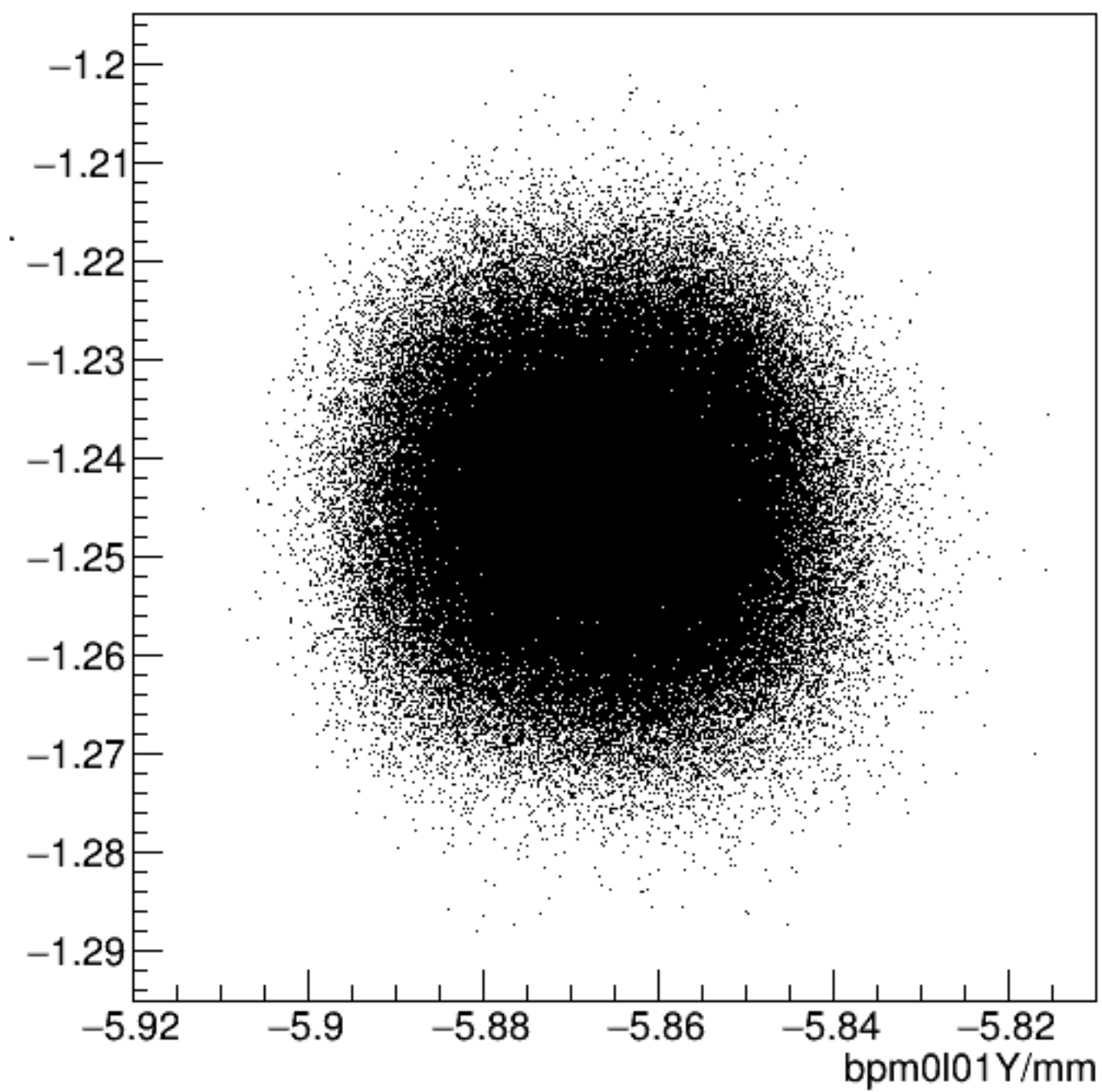
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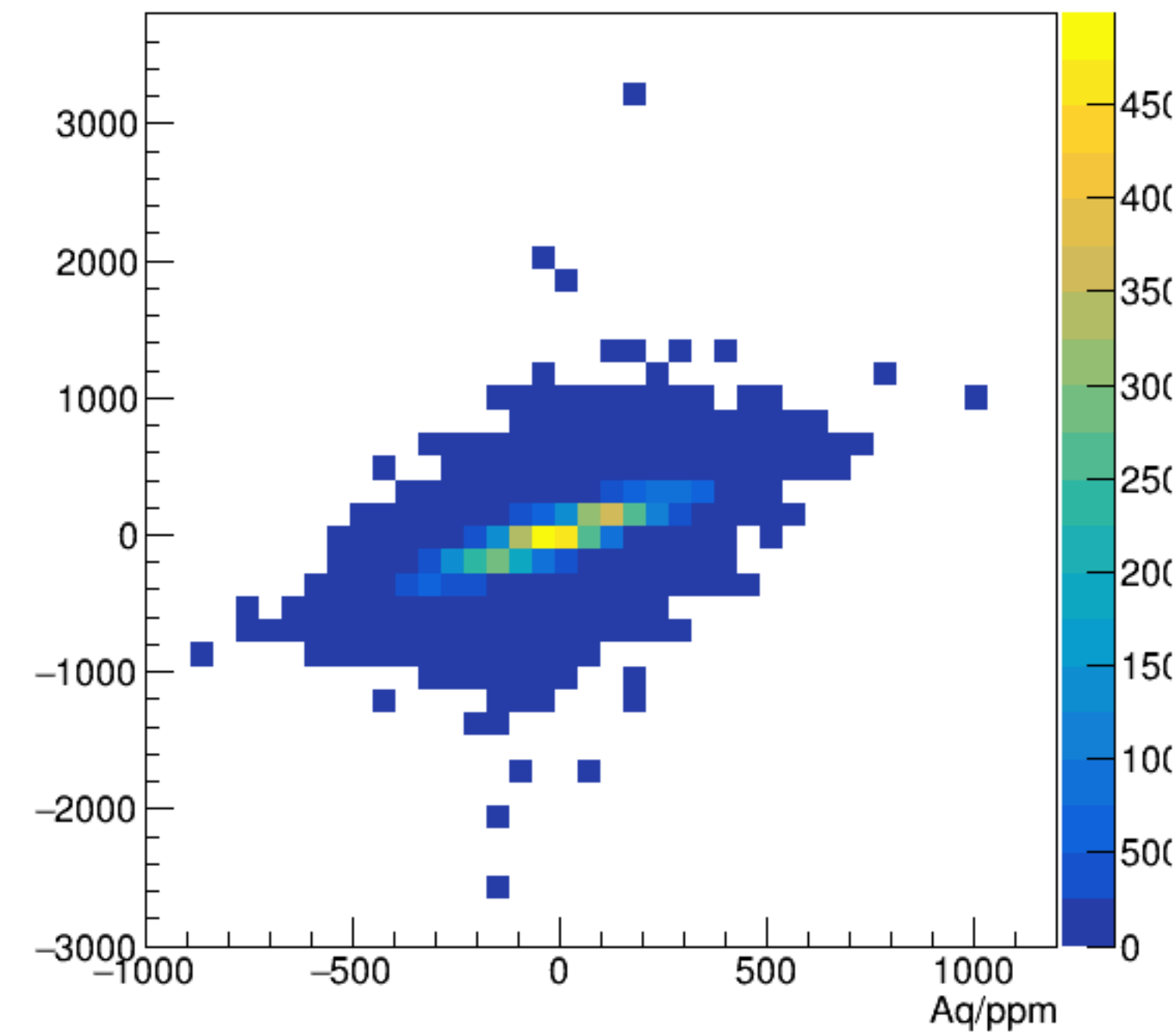
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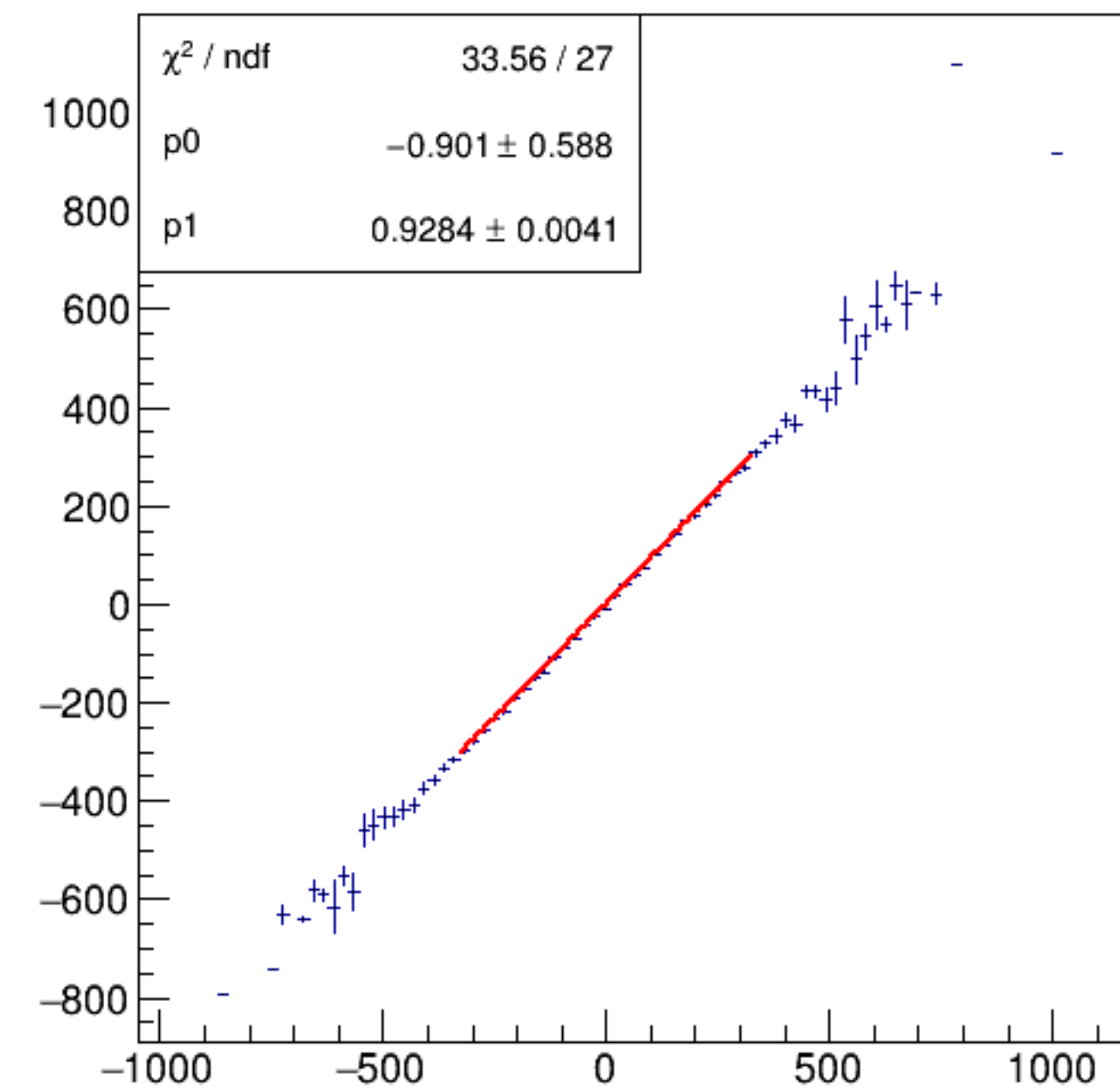
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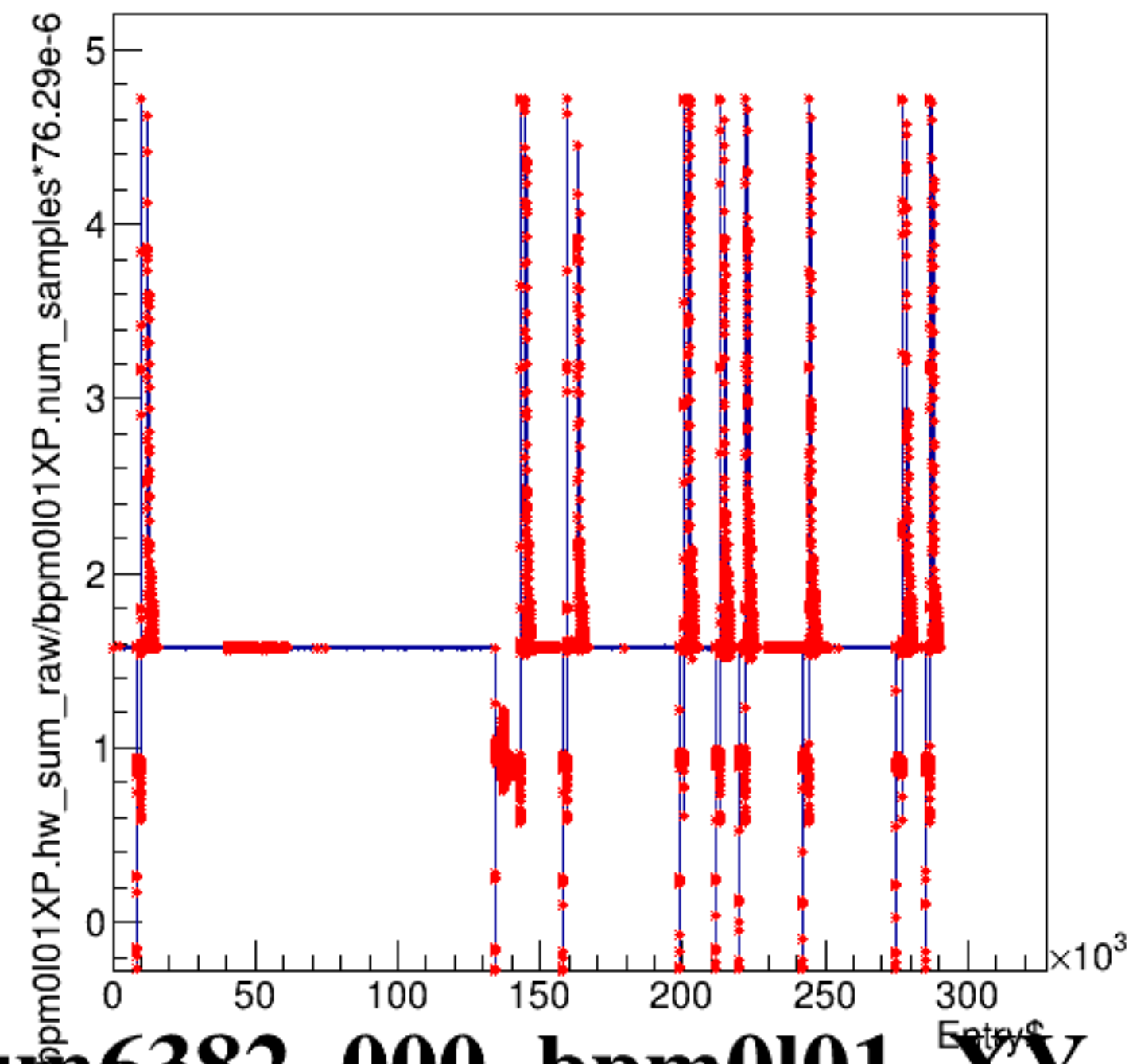
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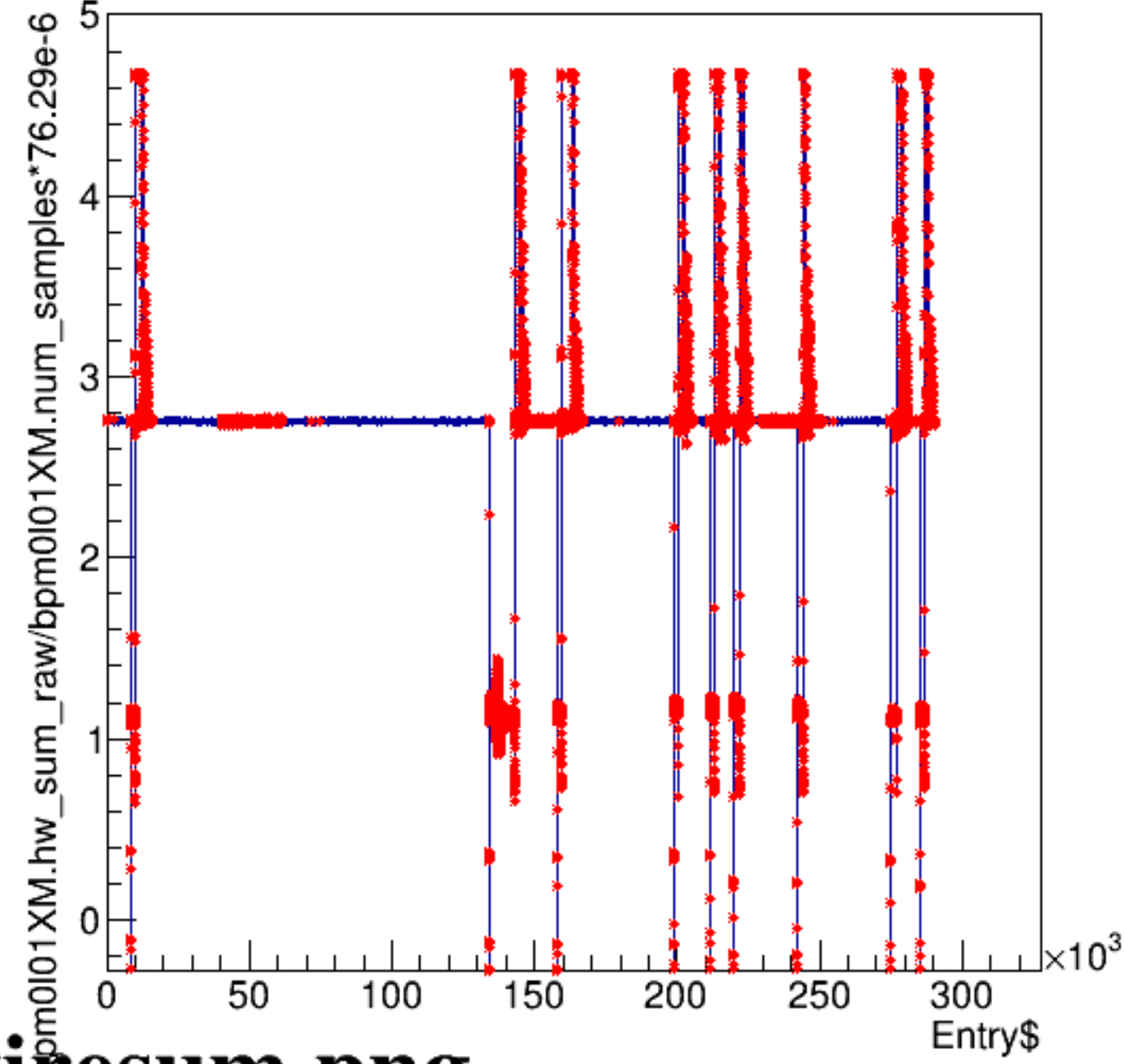
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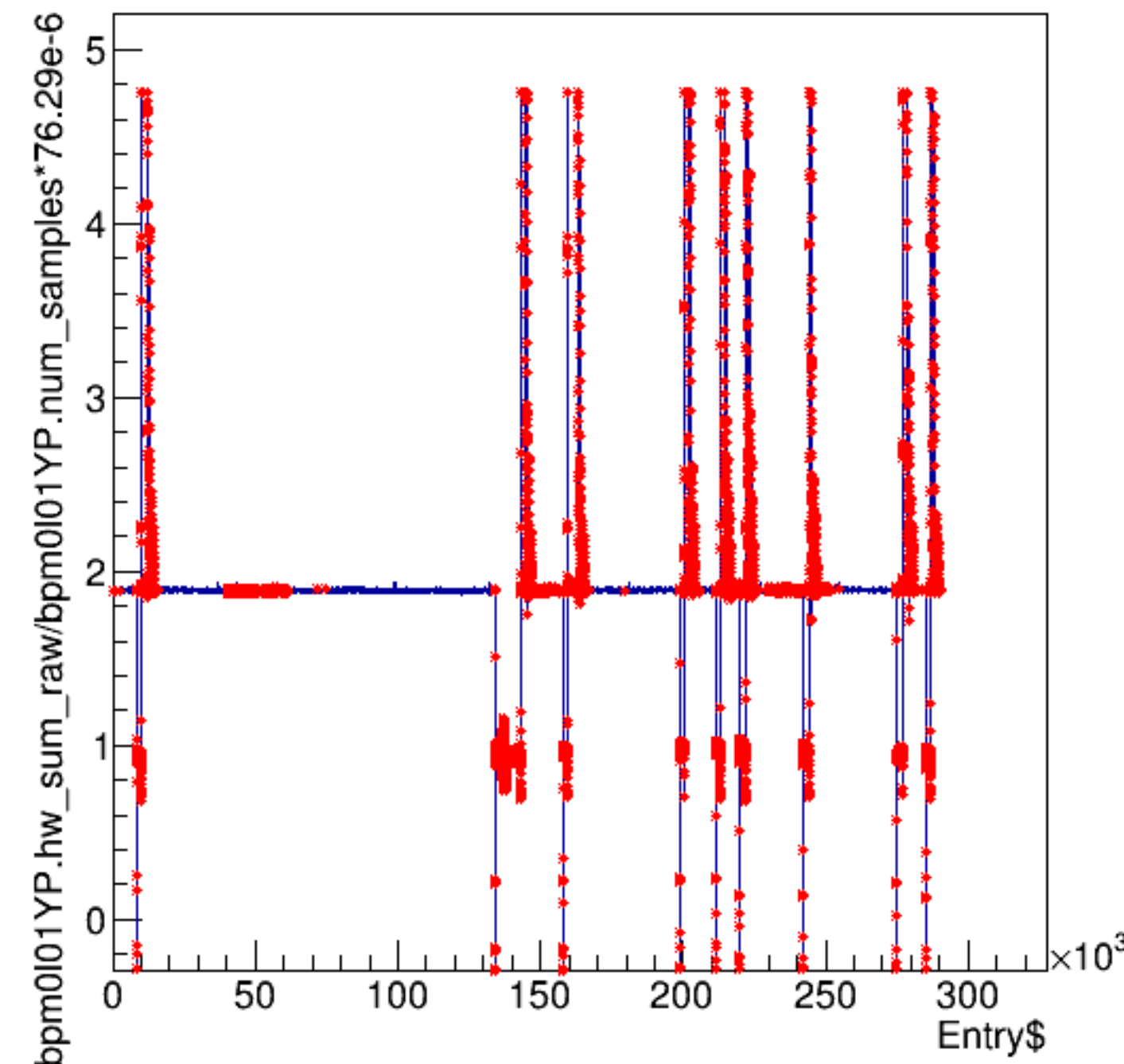
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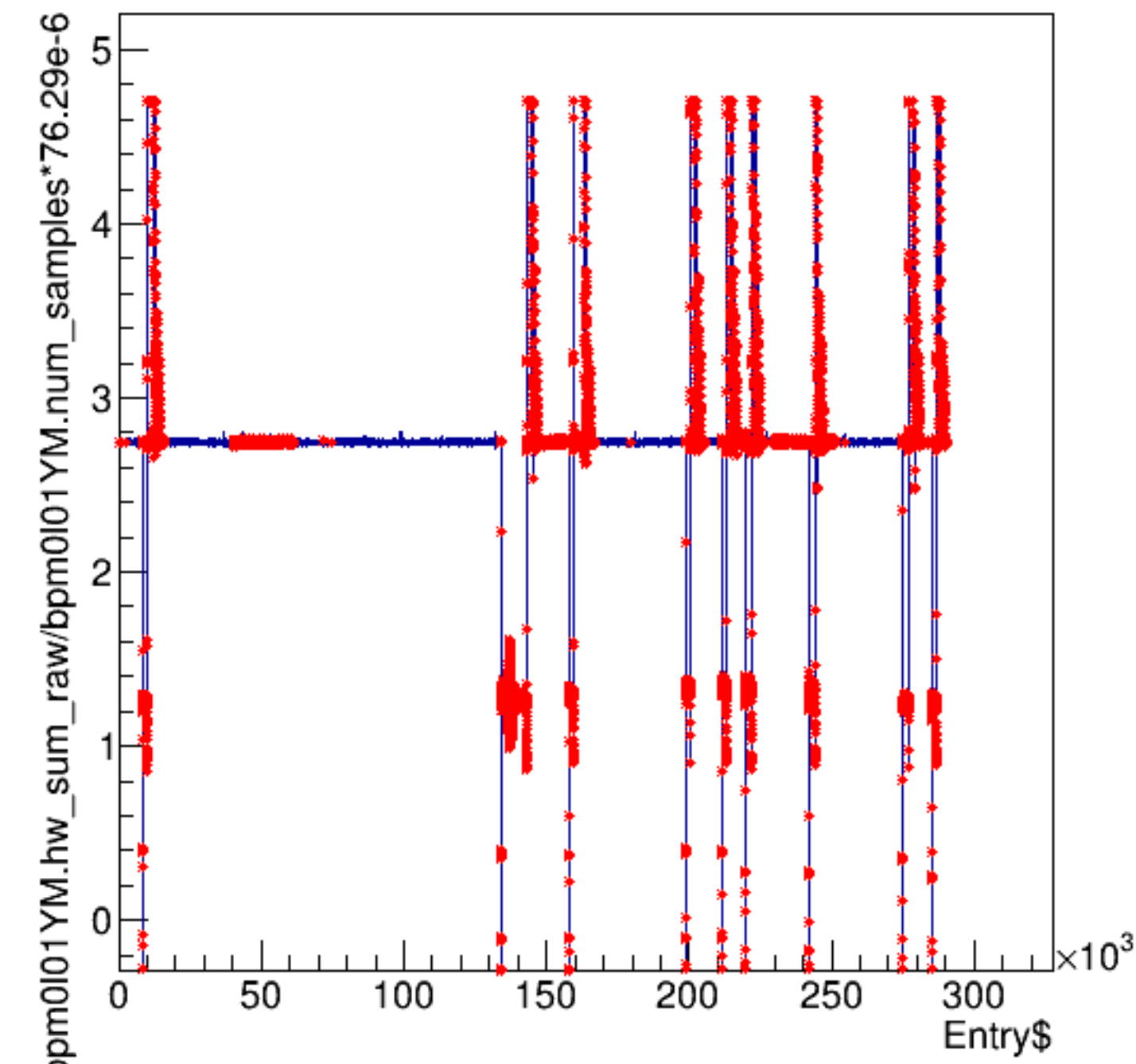
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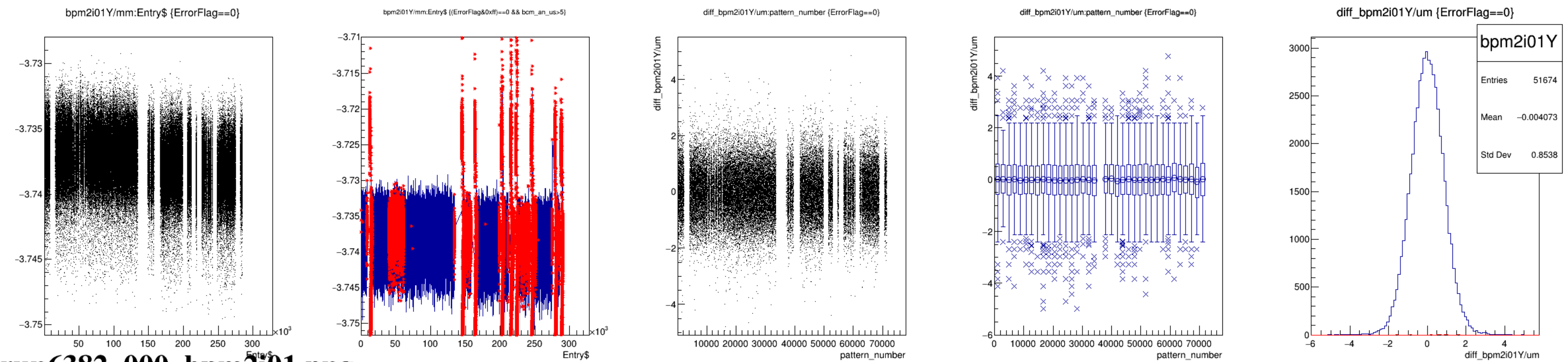
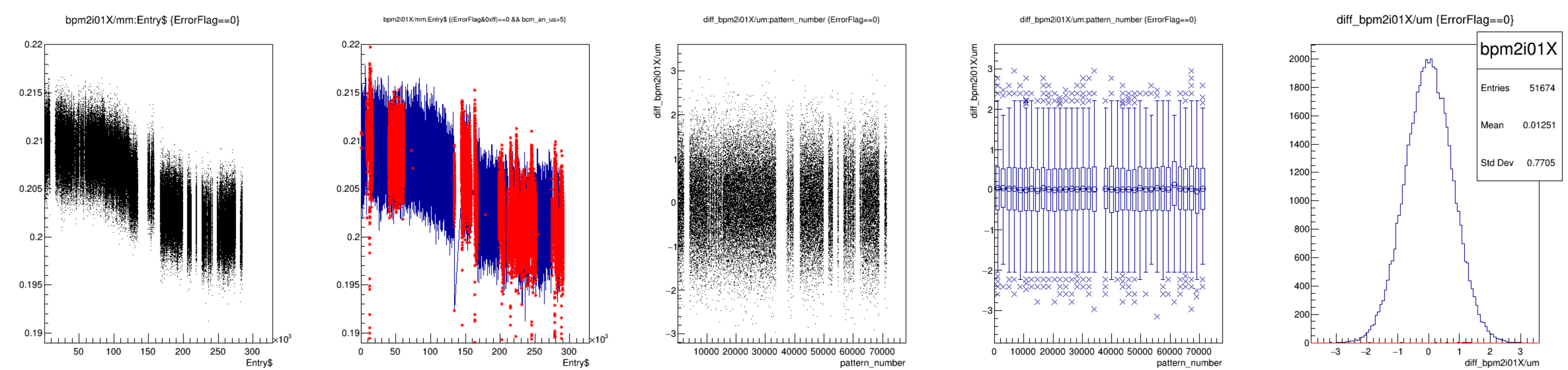


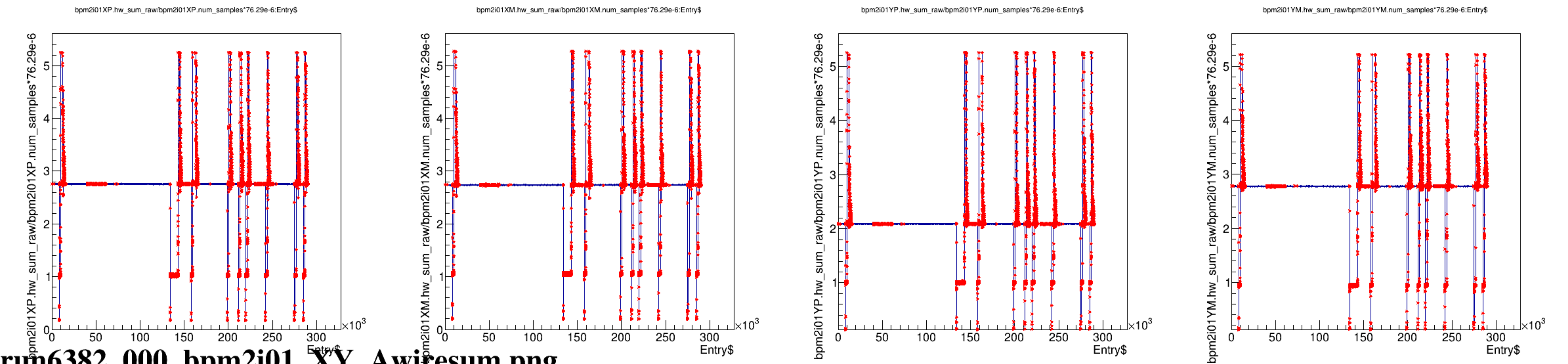
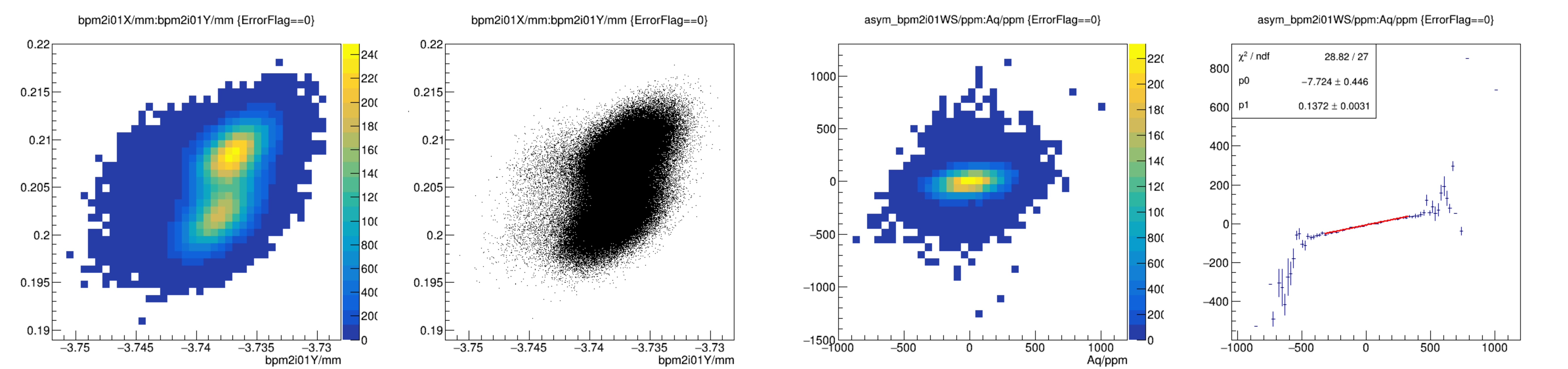
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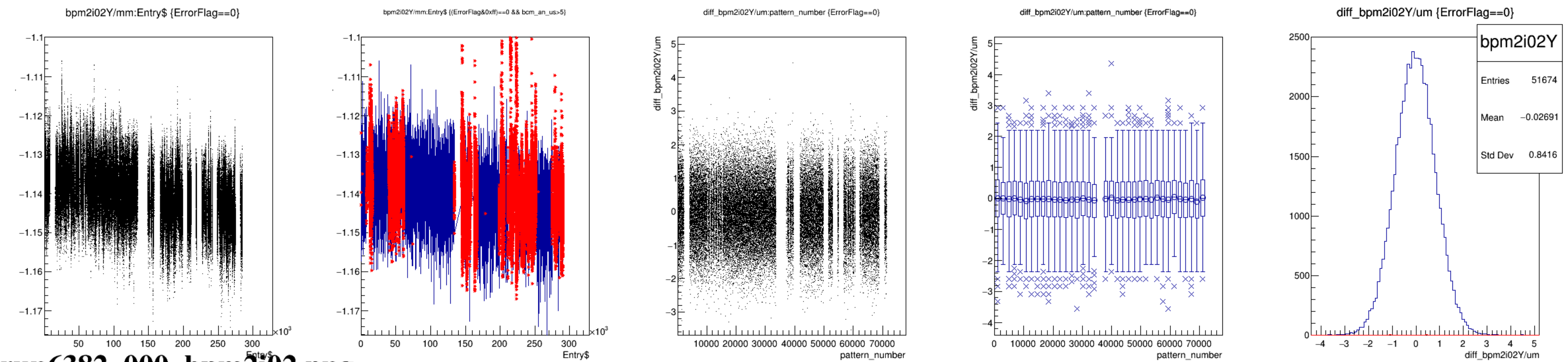
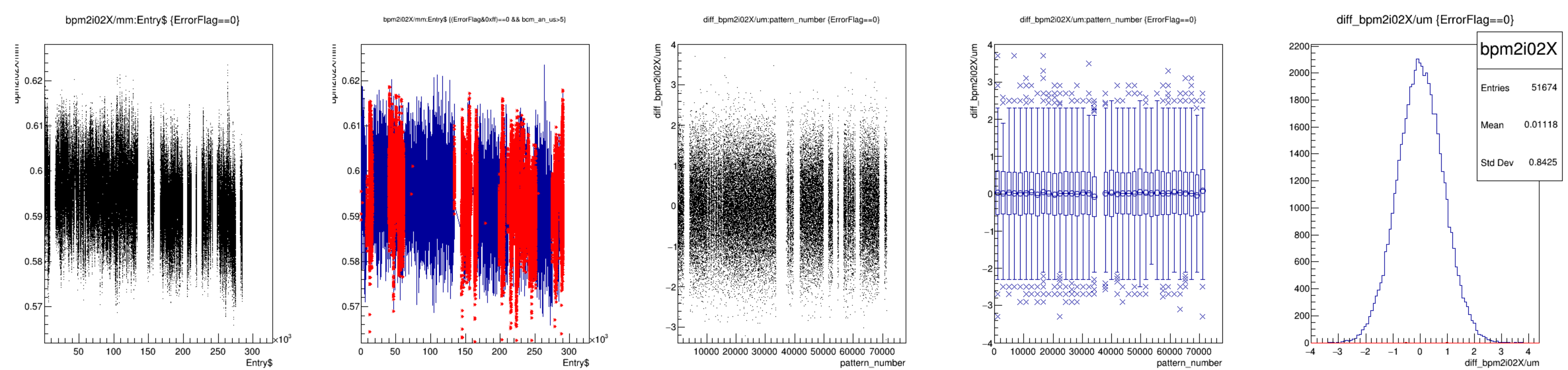


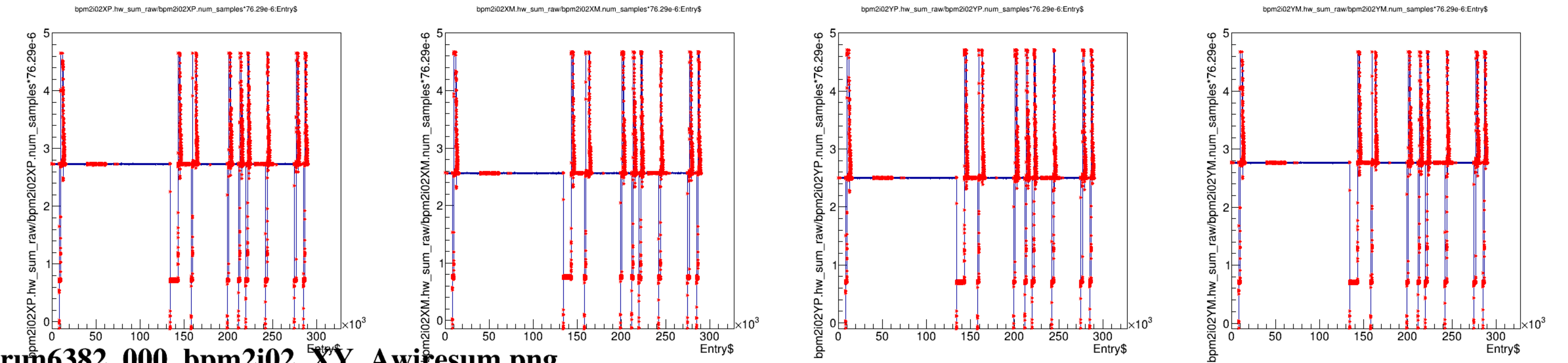
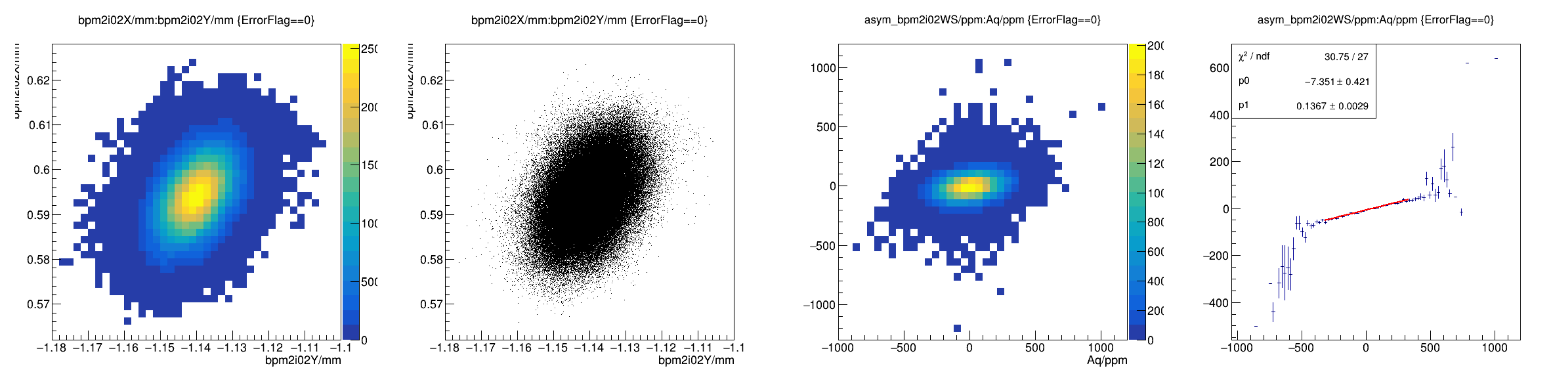
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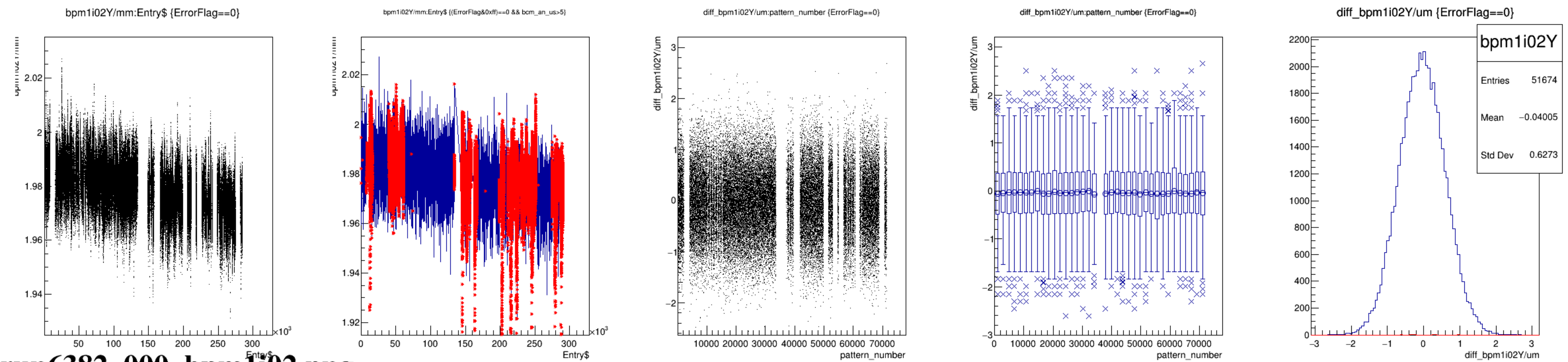
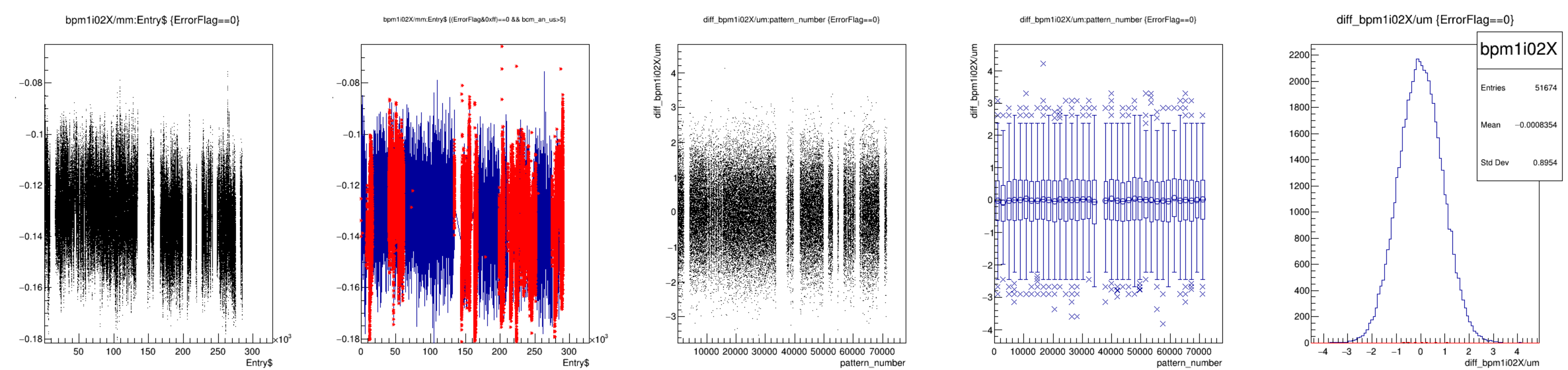




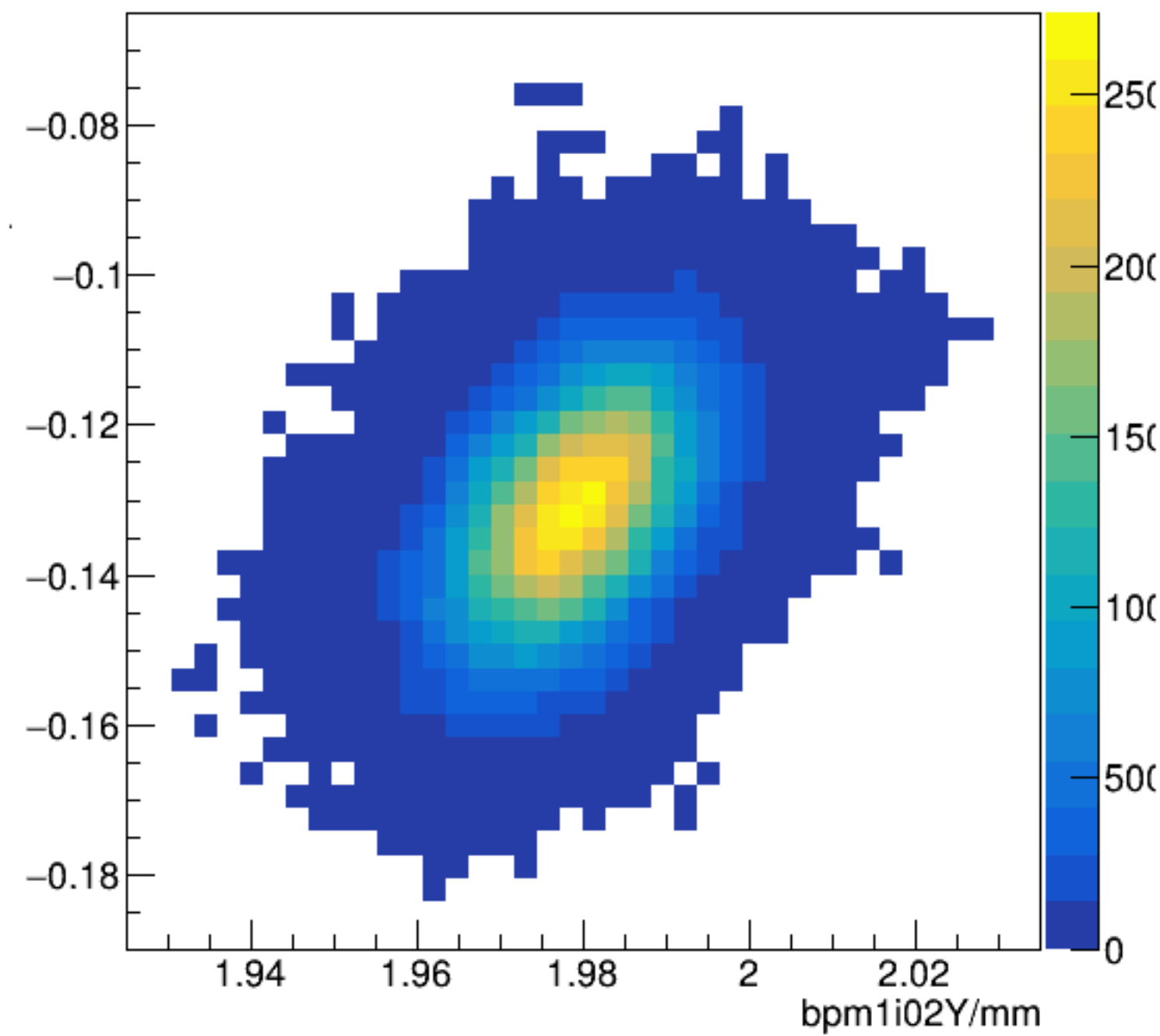




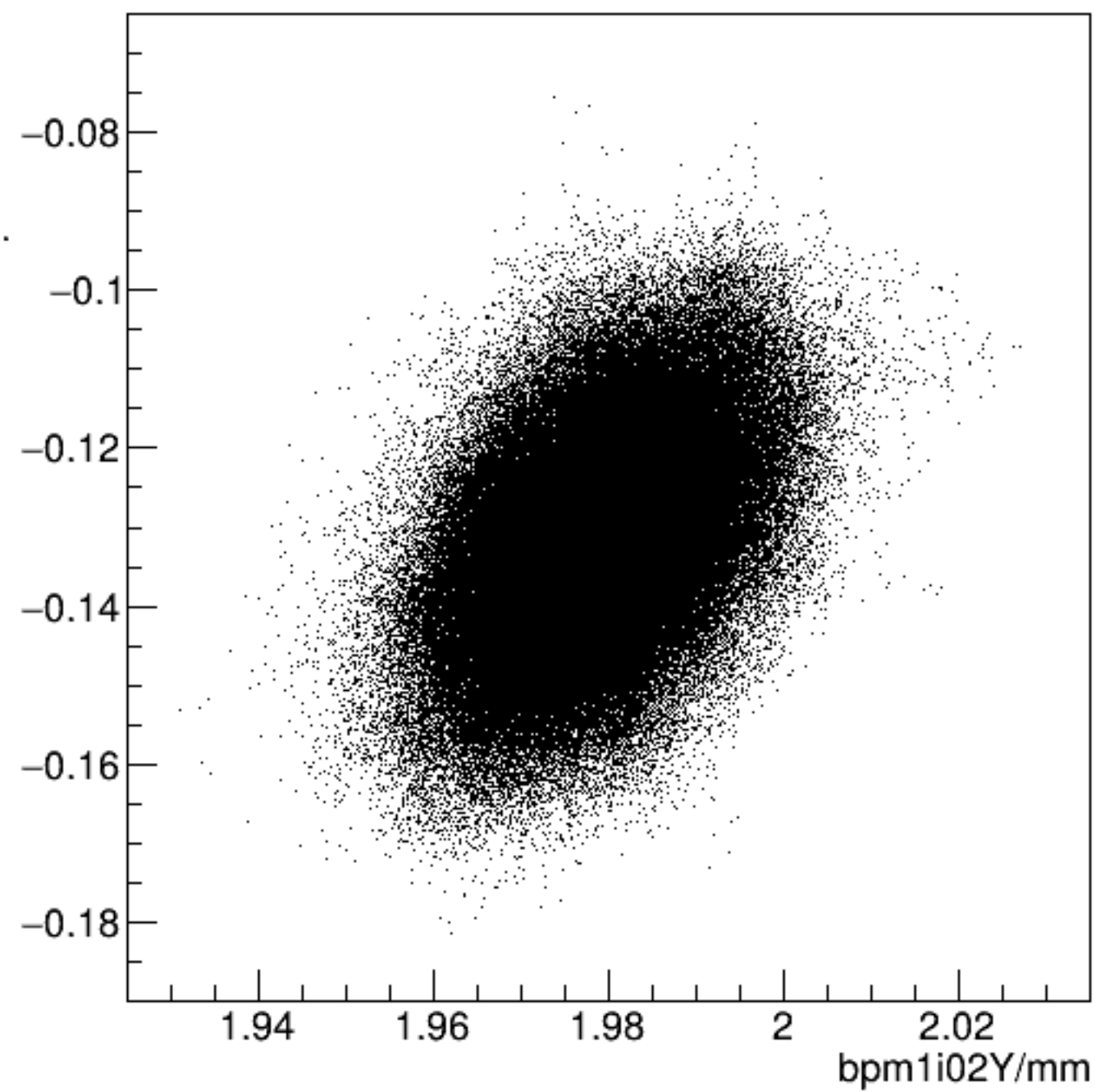




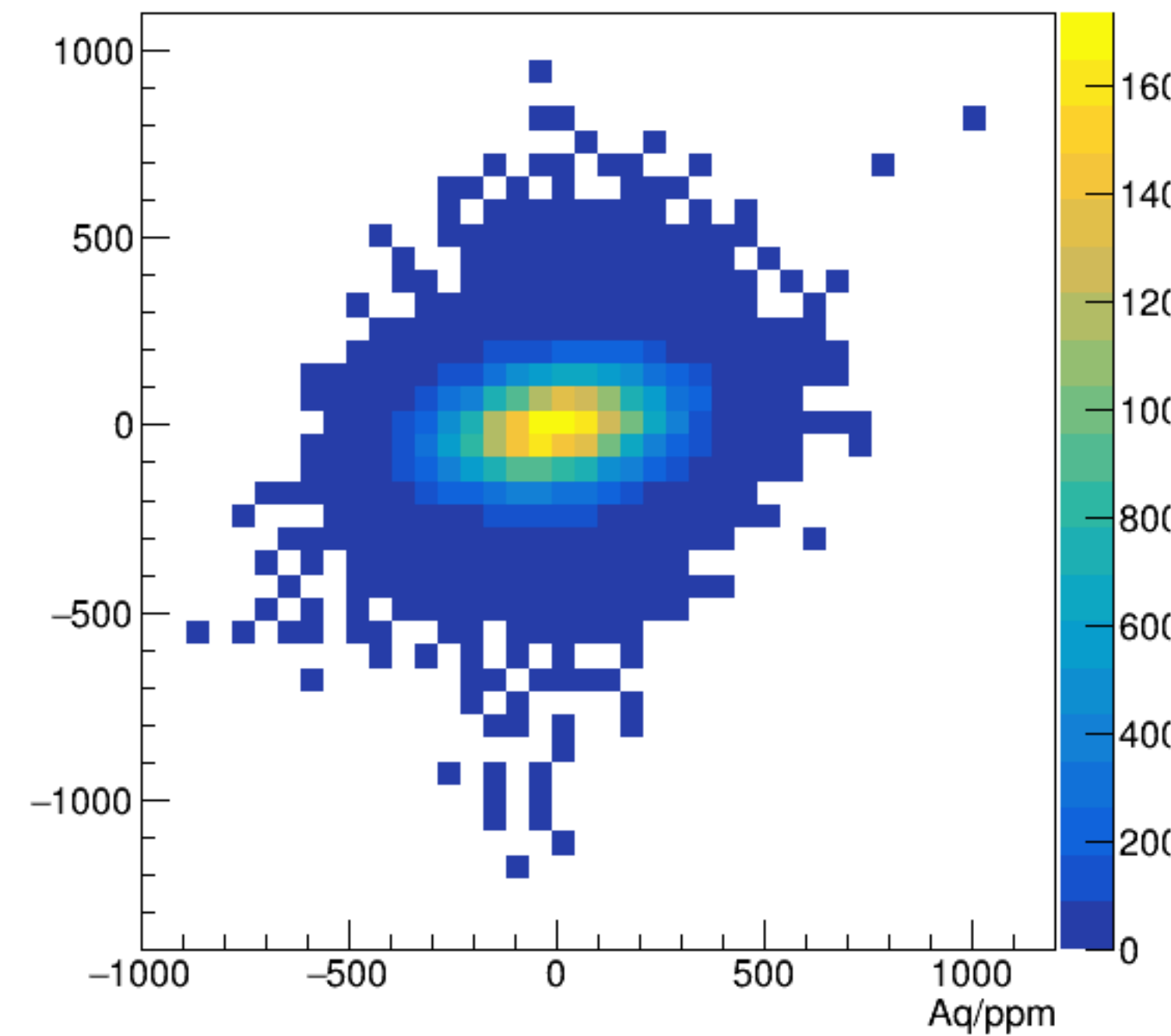
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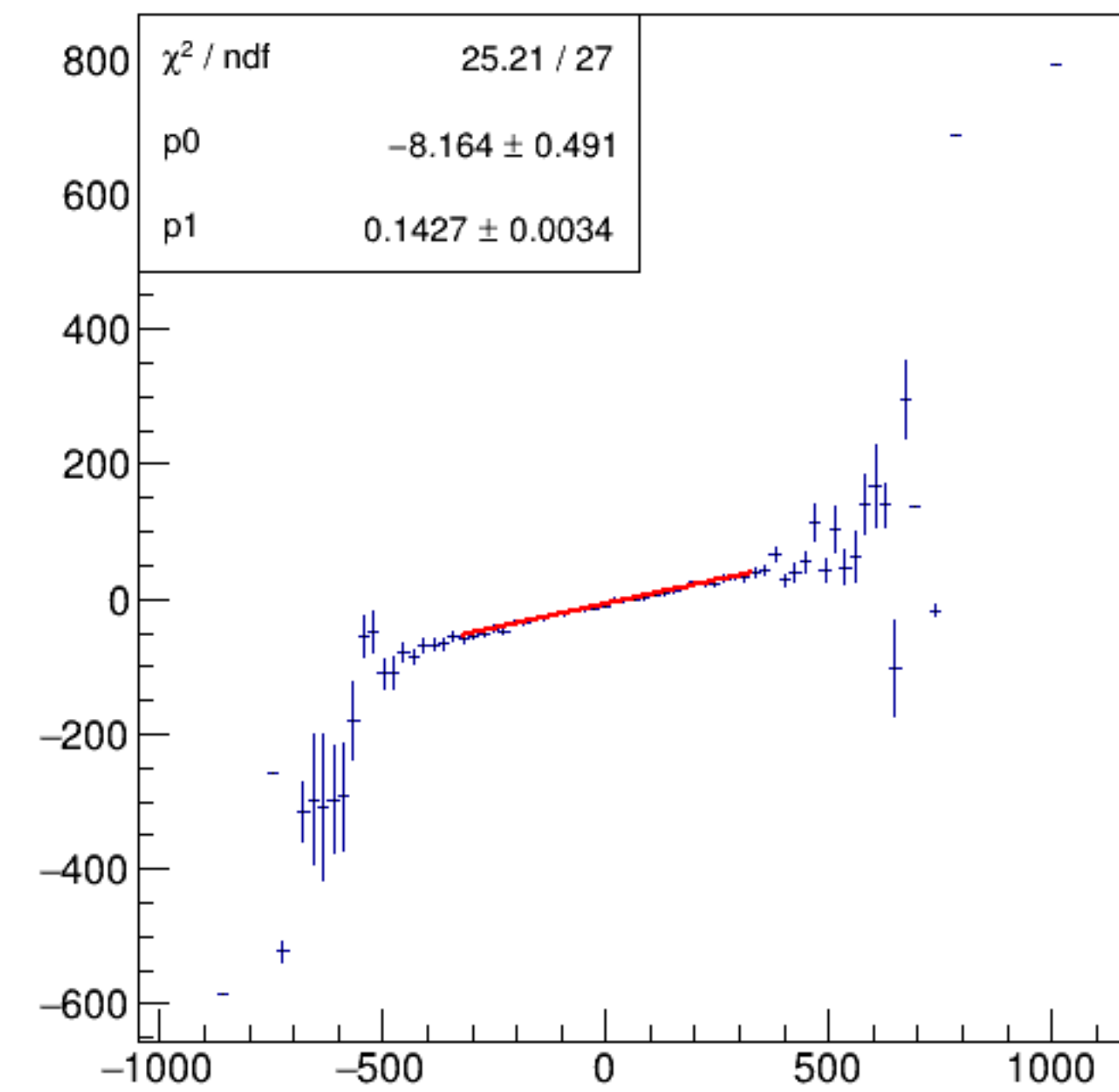
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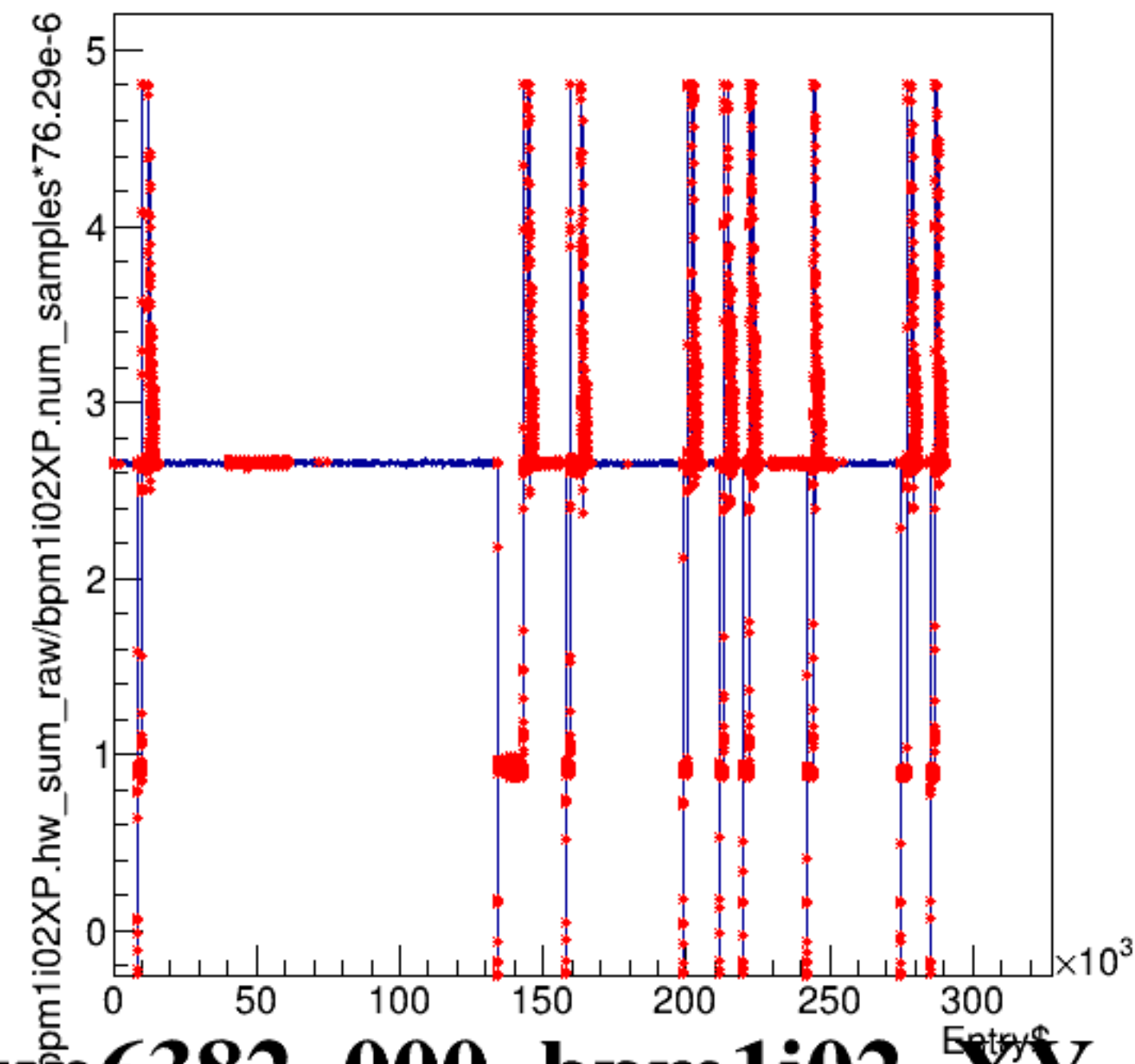
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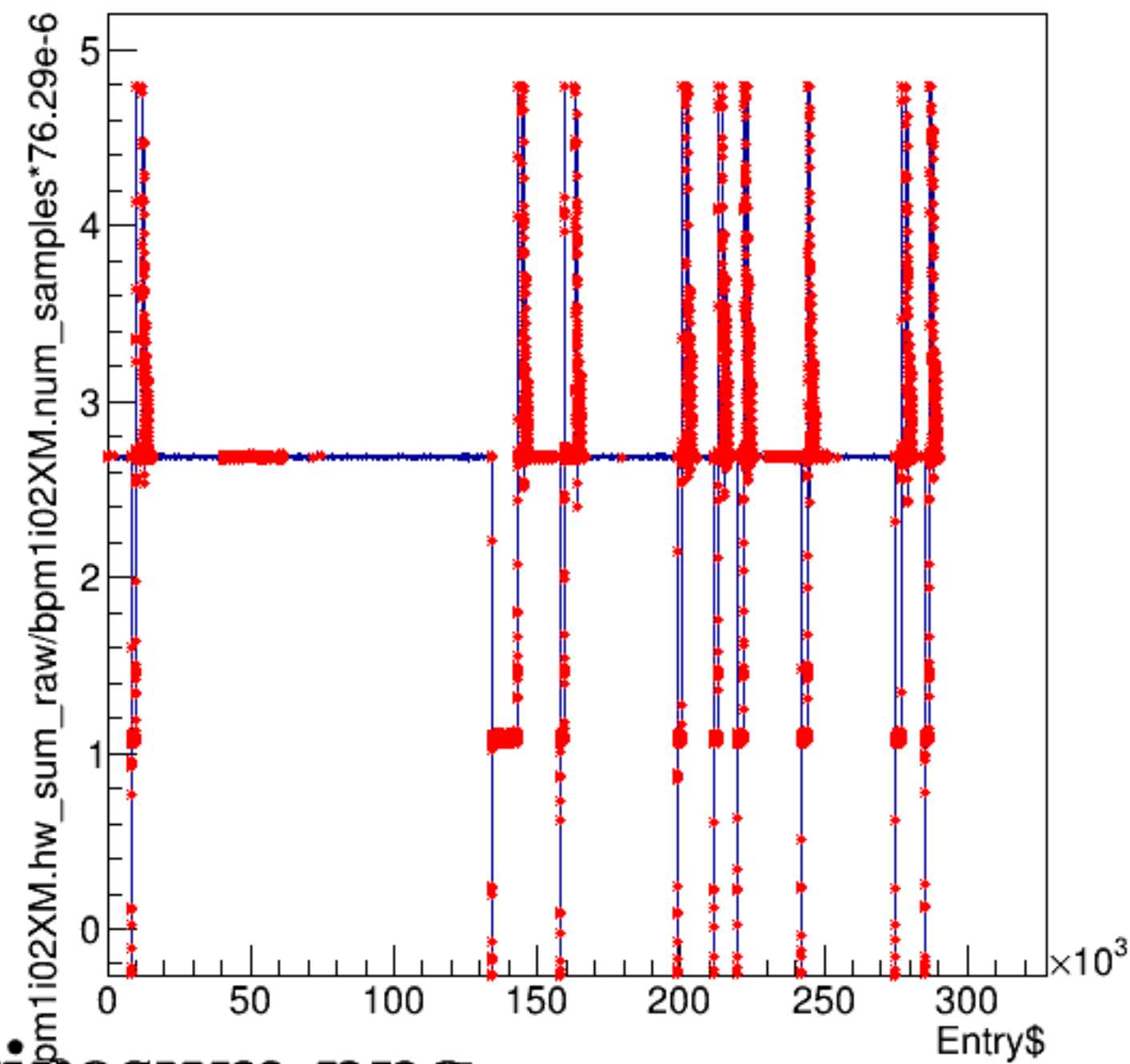
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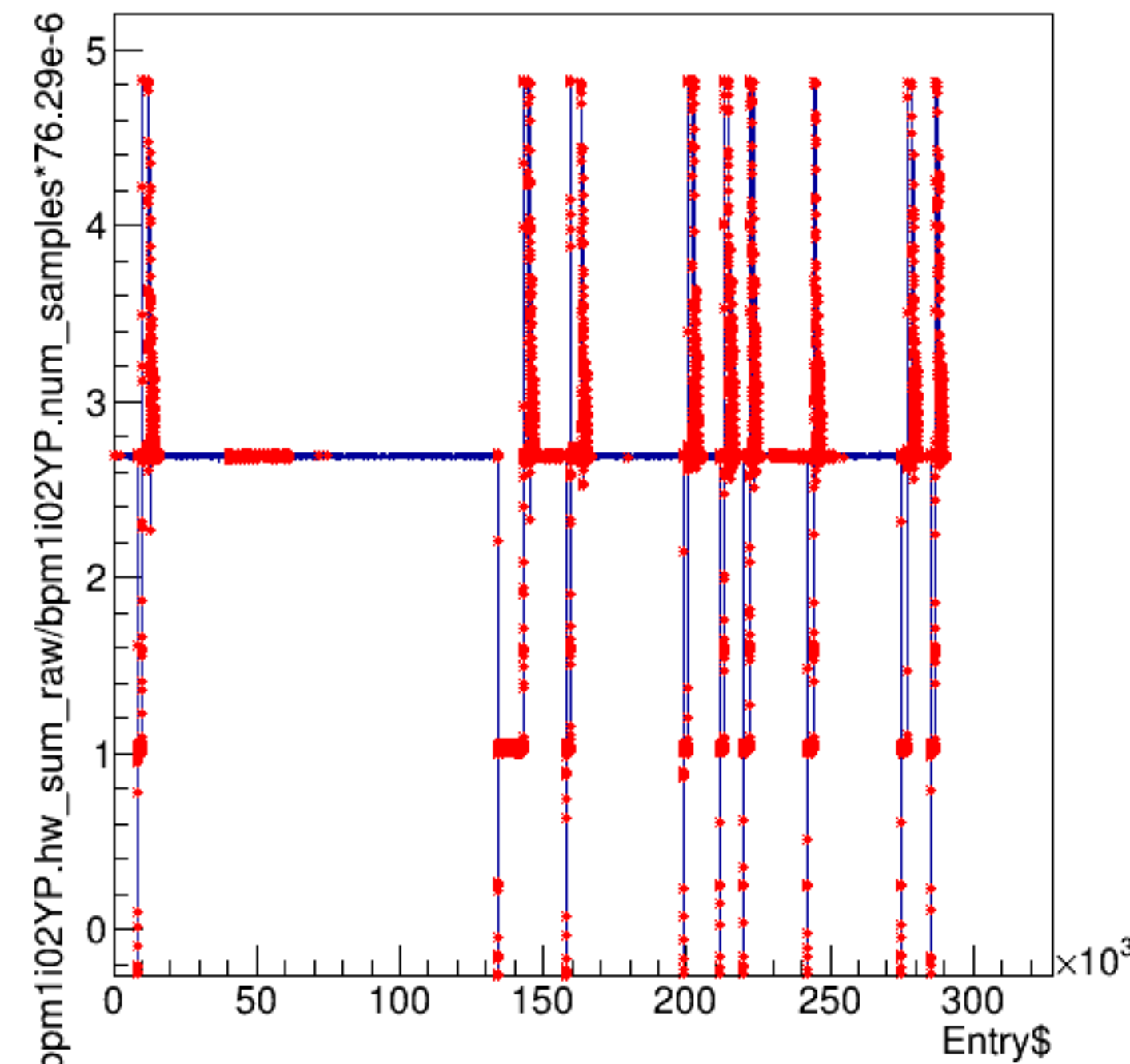
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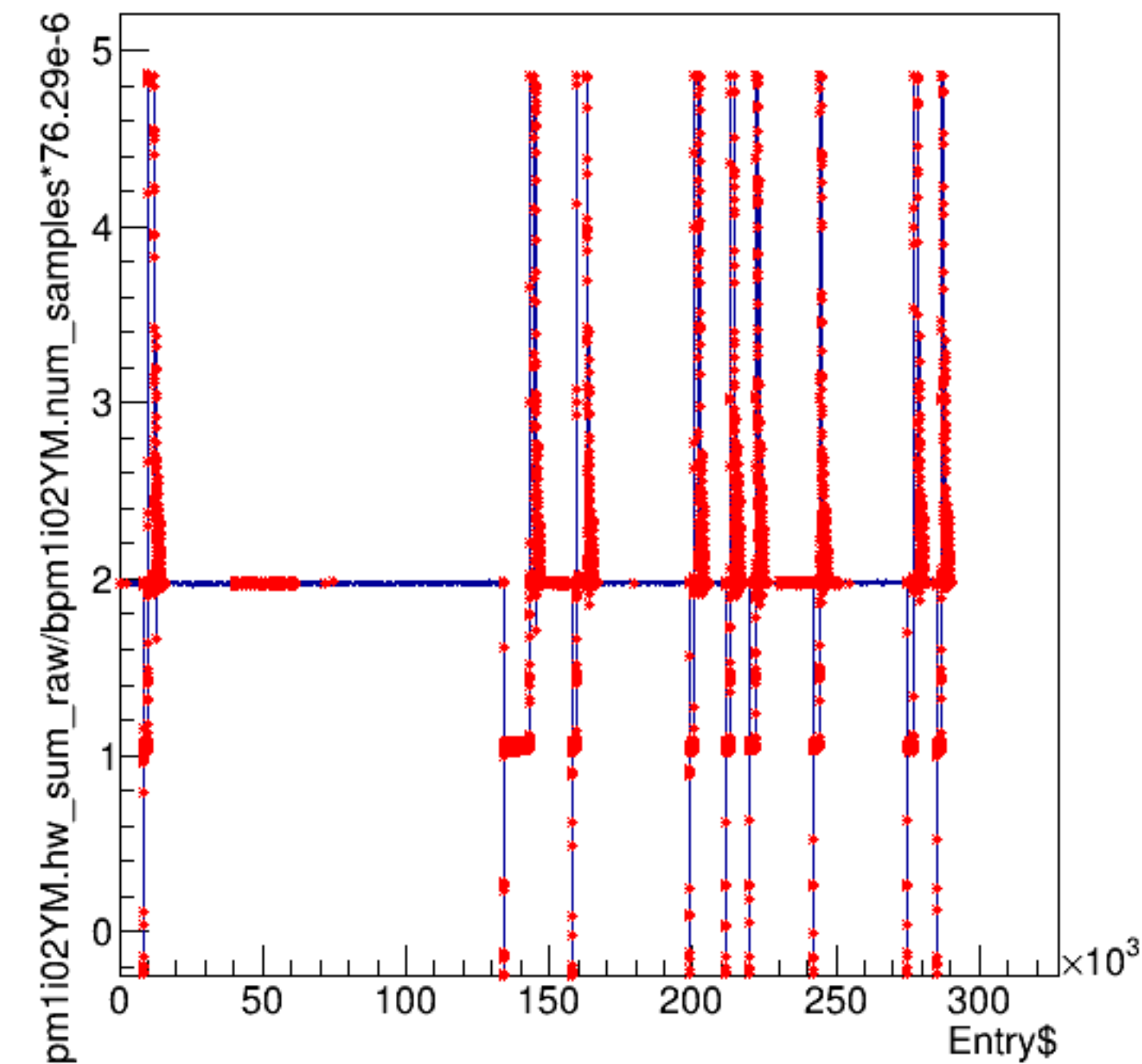
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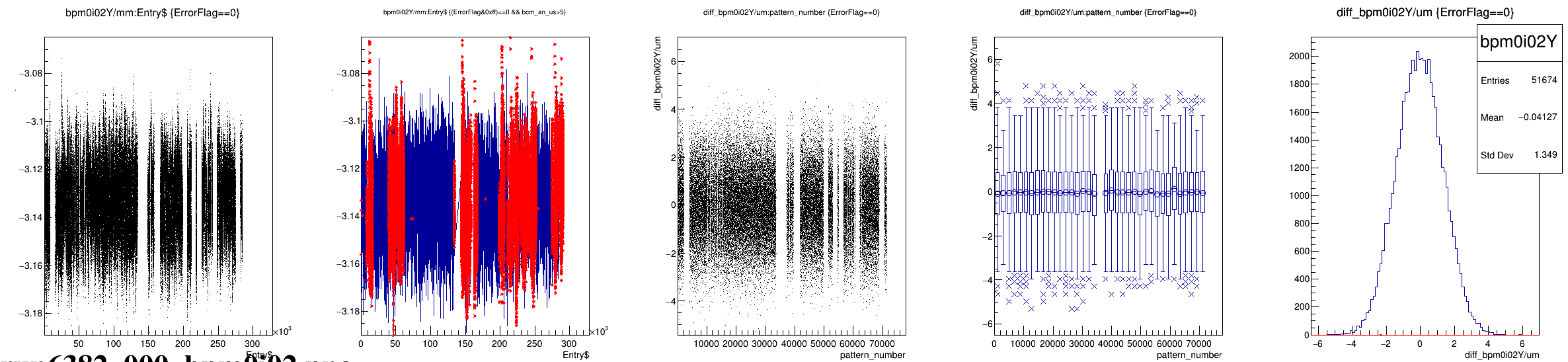
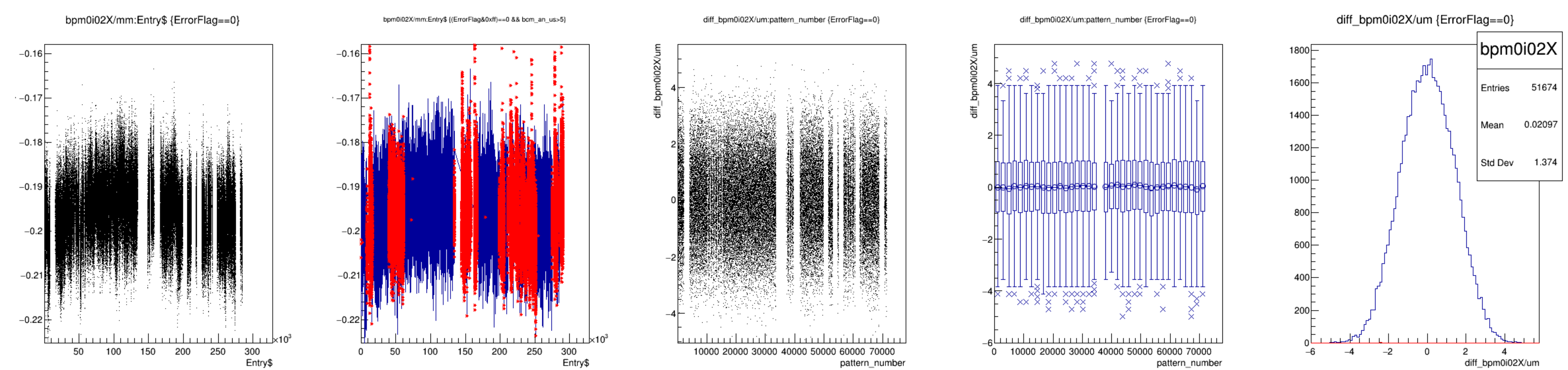


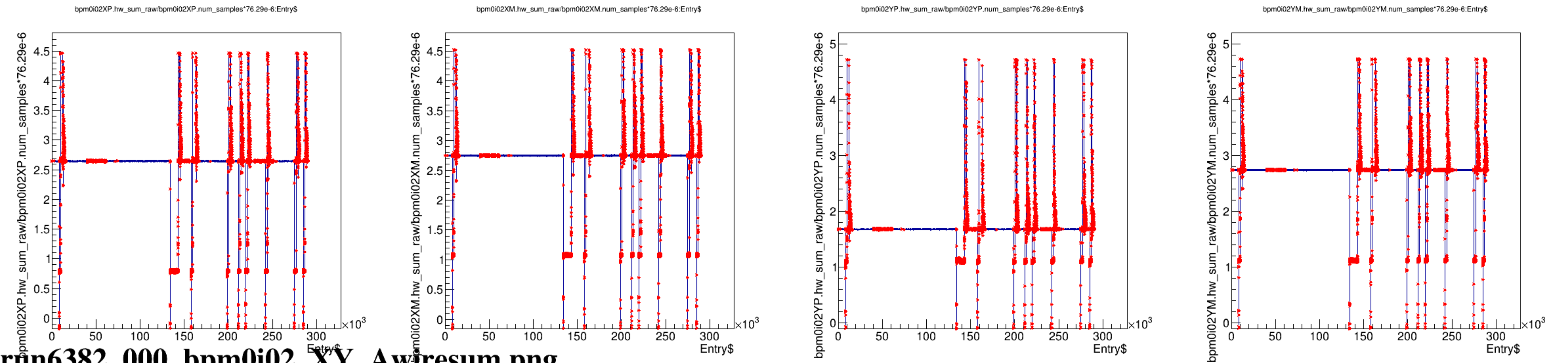
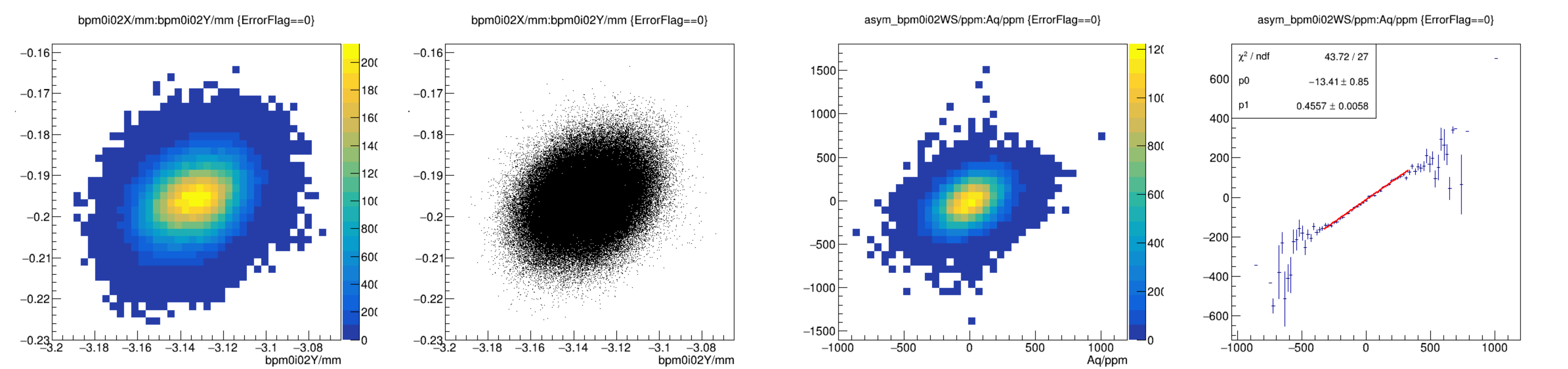
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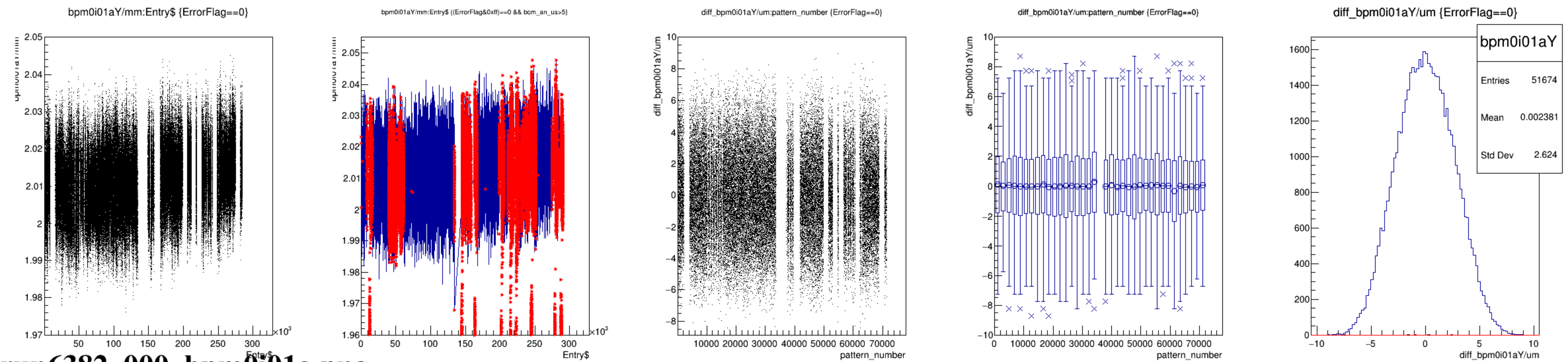
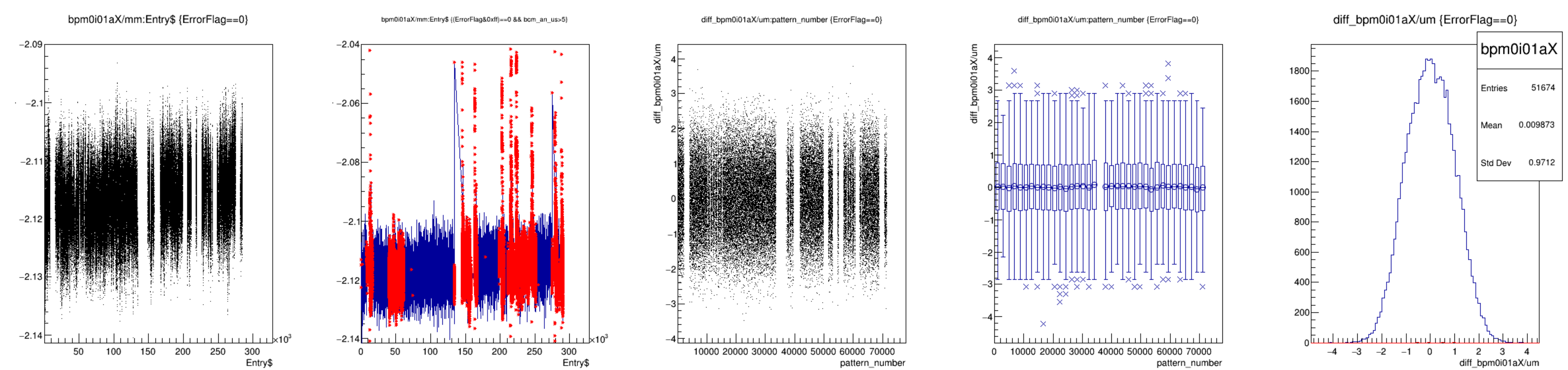


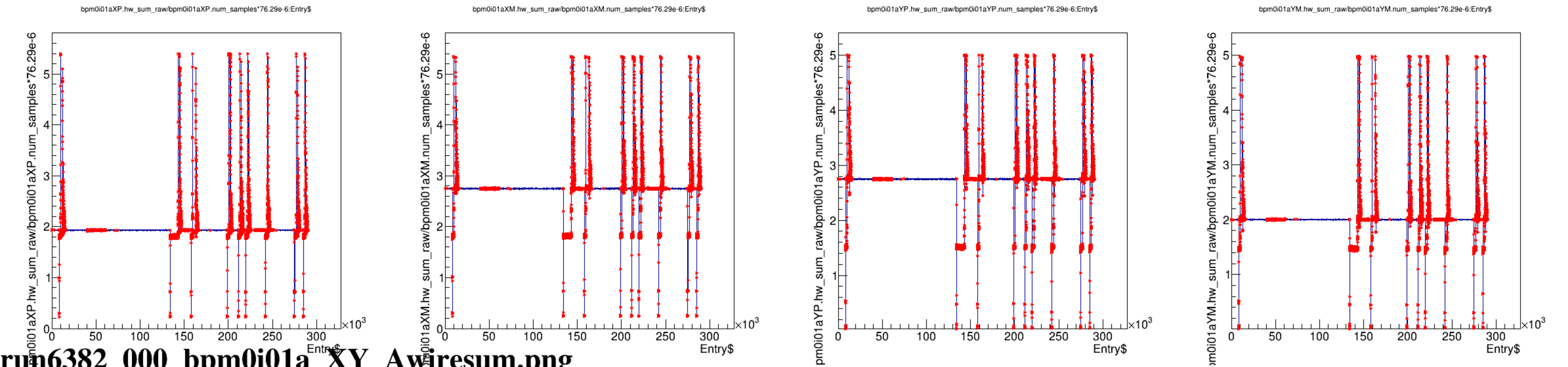
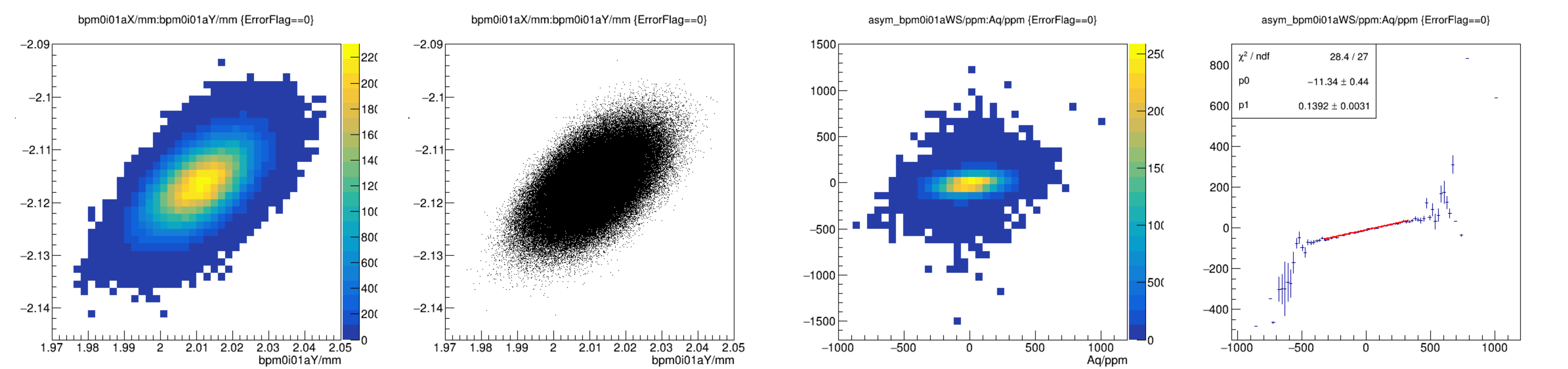
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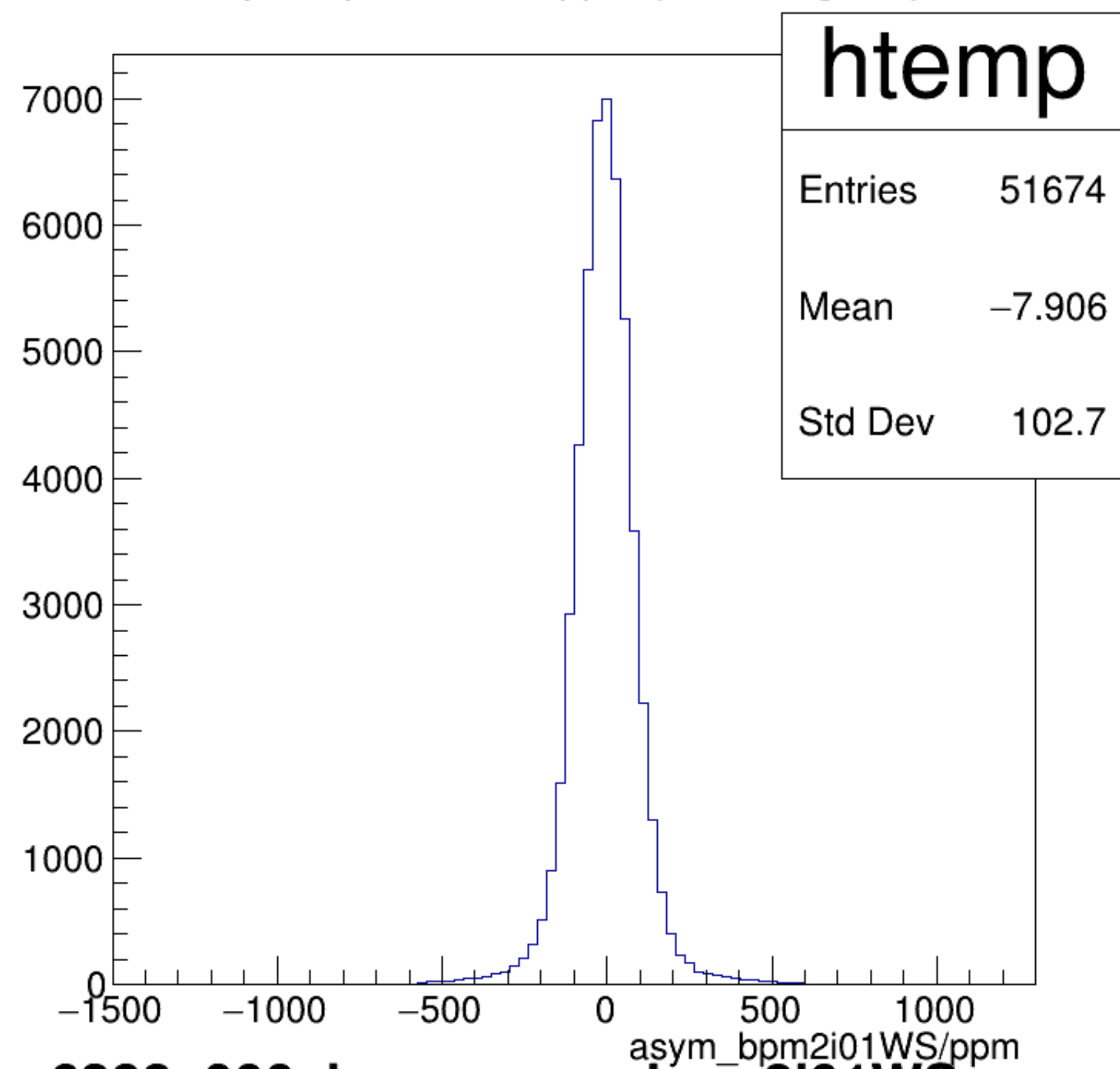






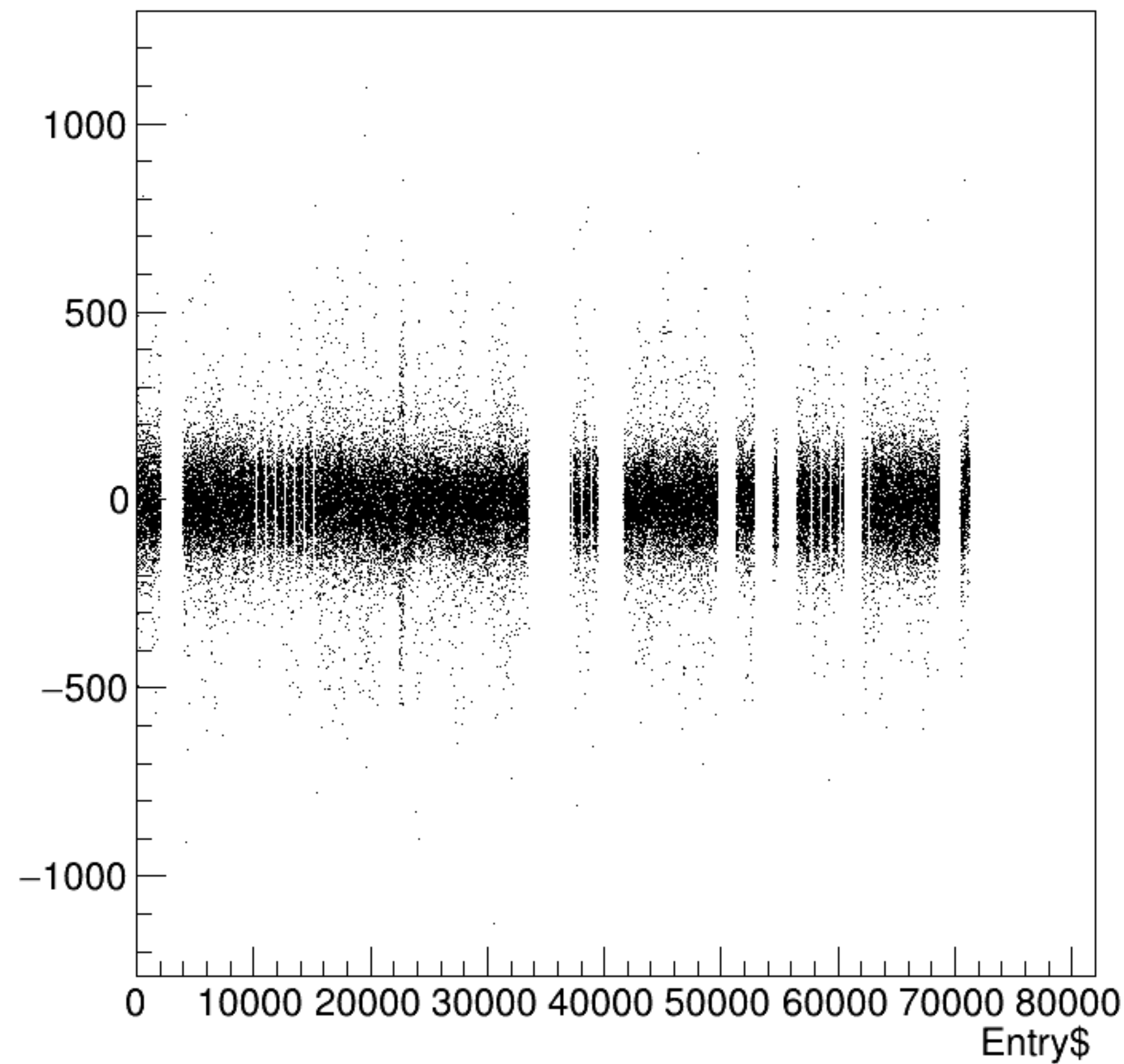


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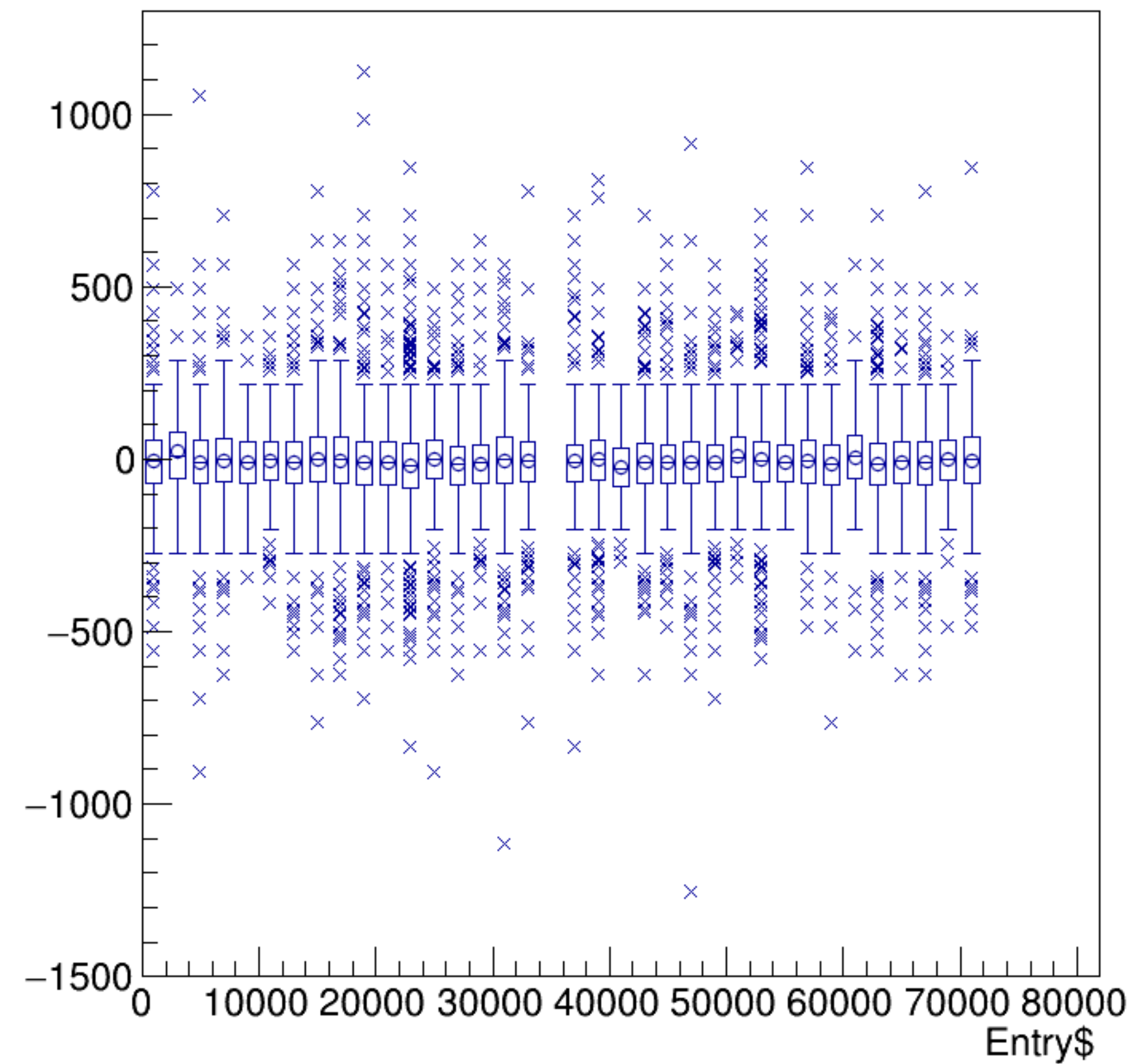


run6382_000_bpm_asym_bpm2i01WS.png

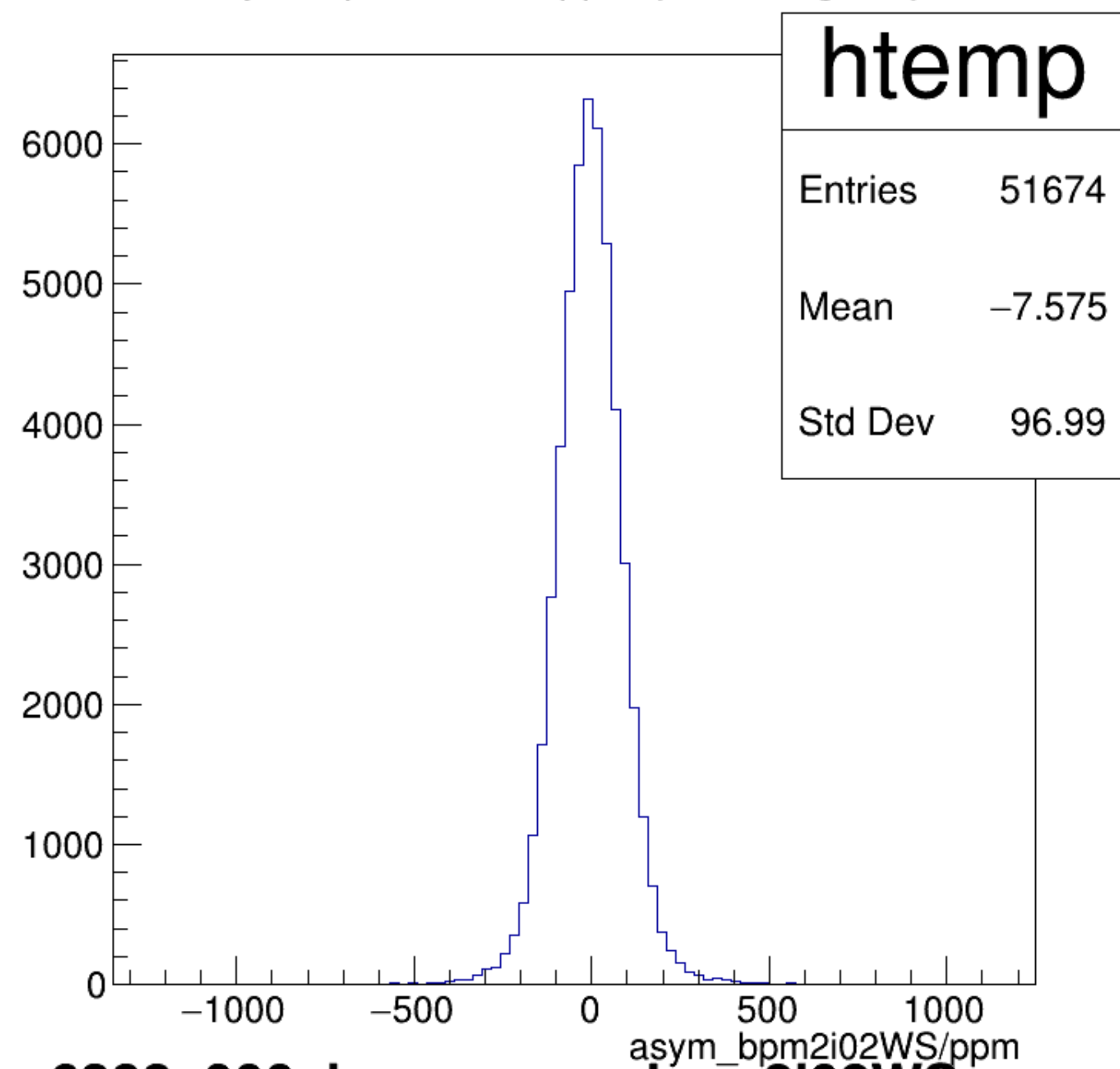
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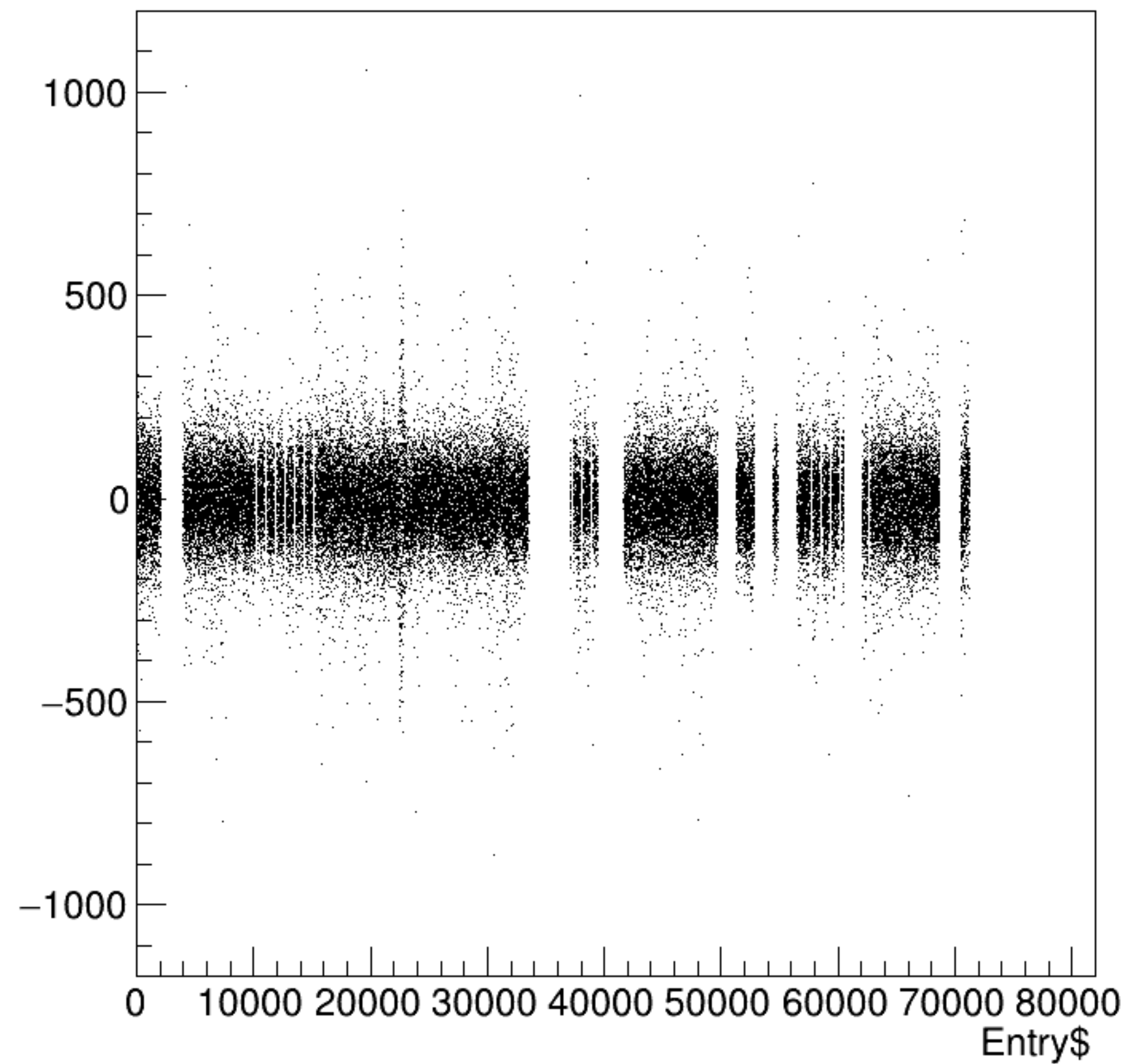


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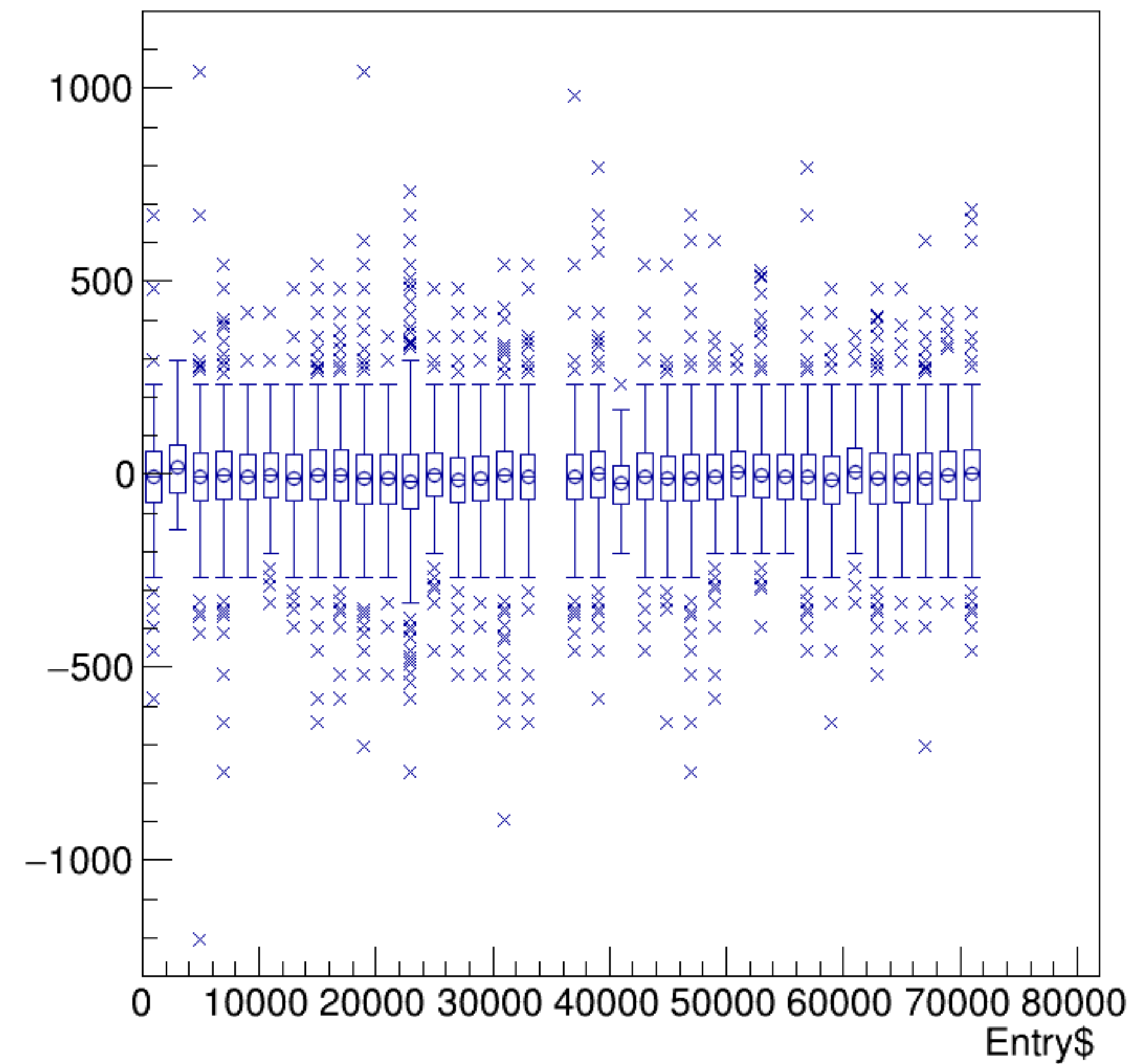


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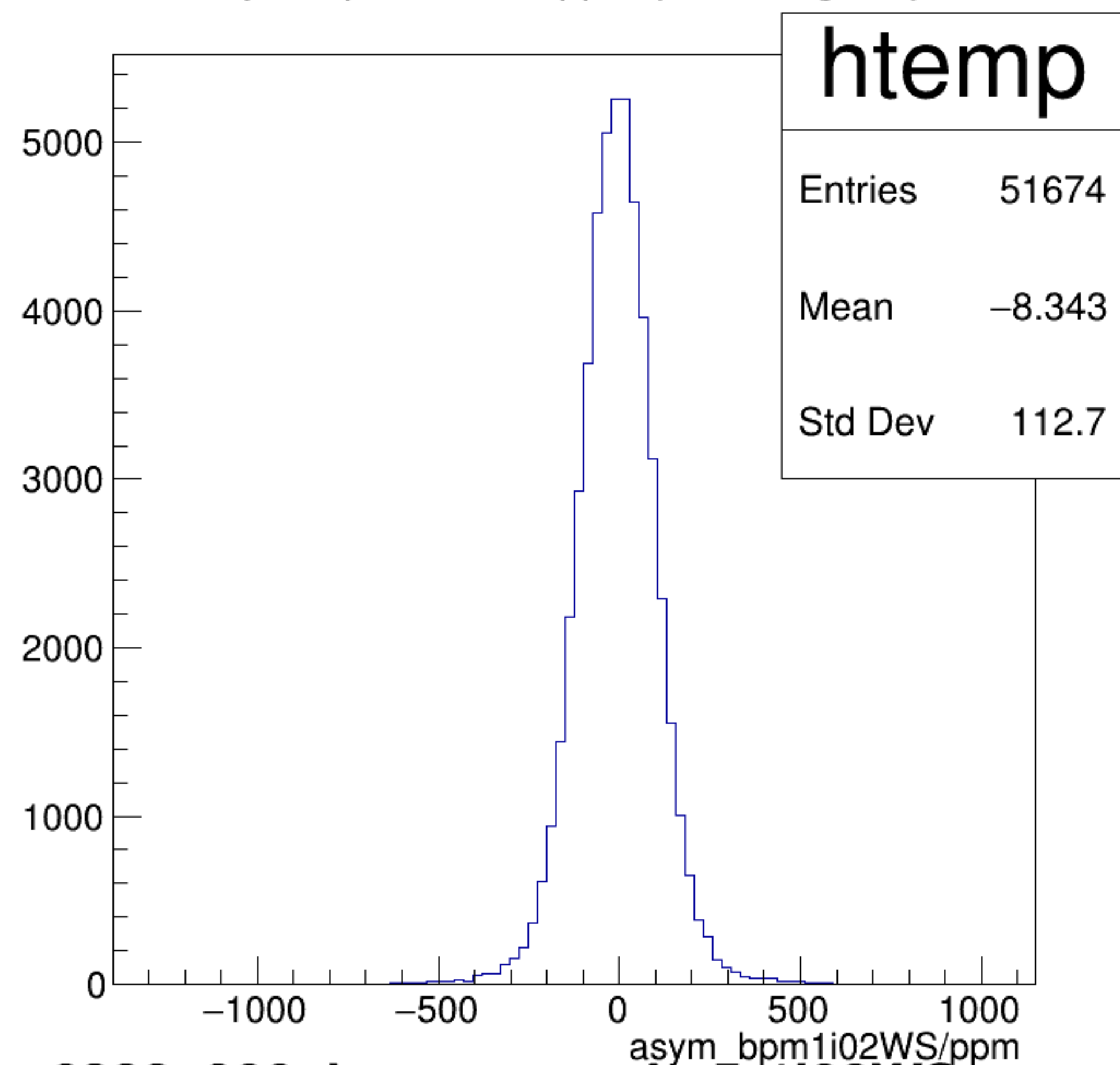
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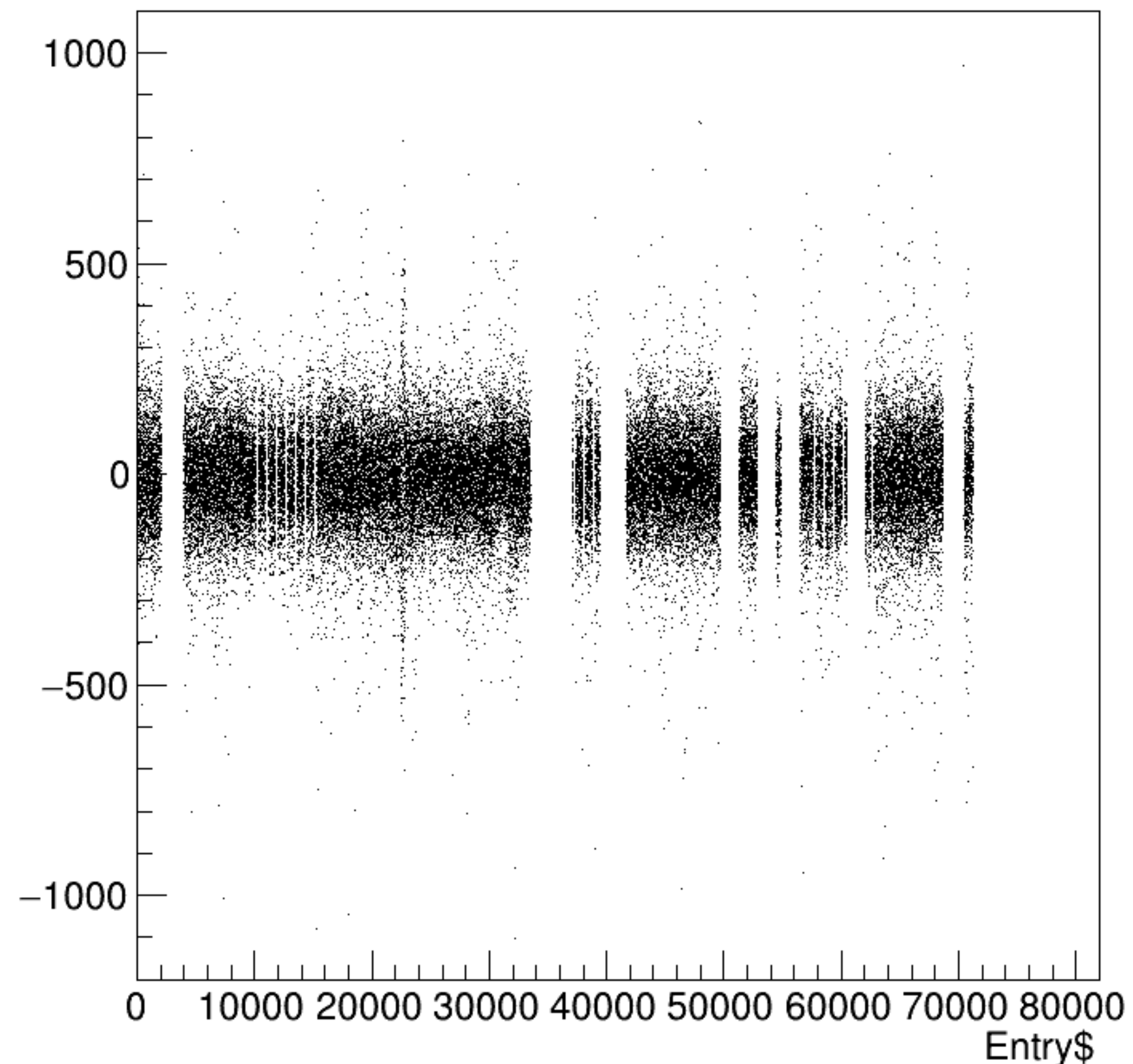


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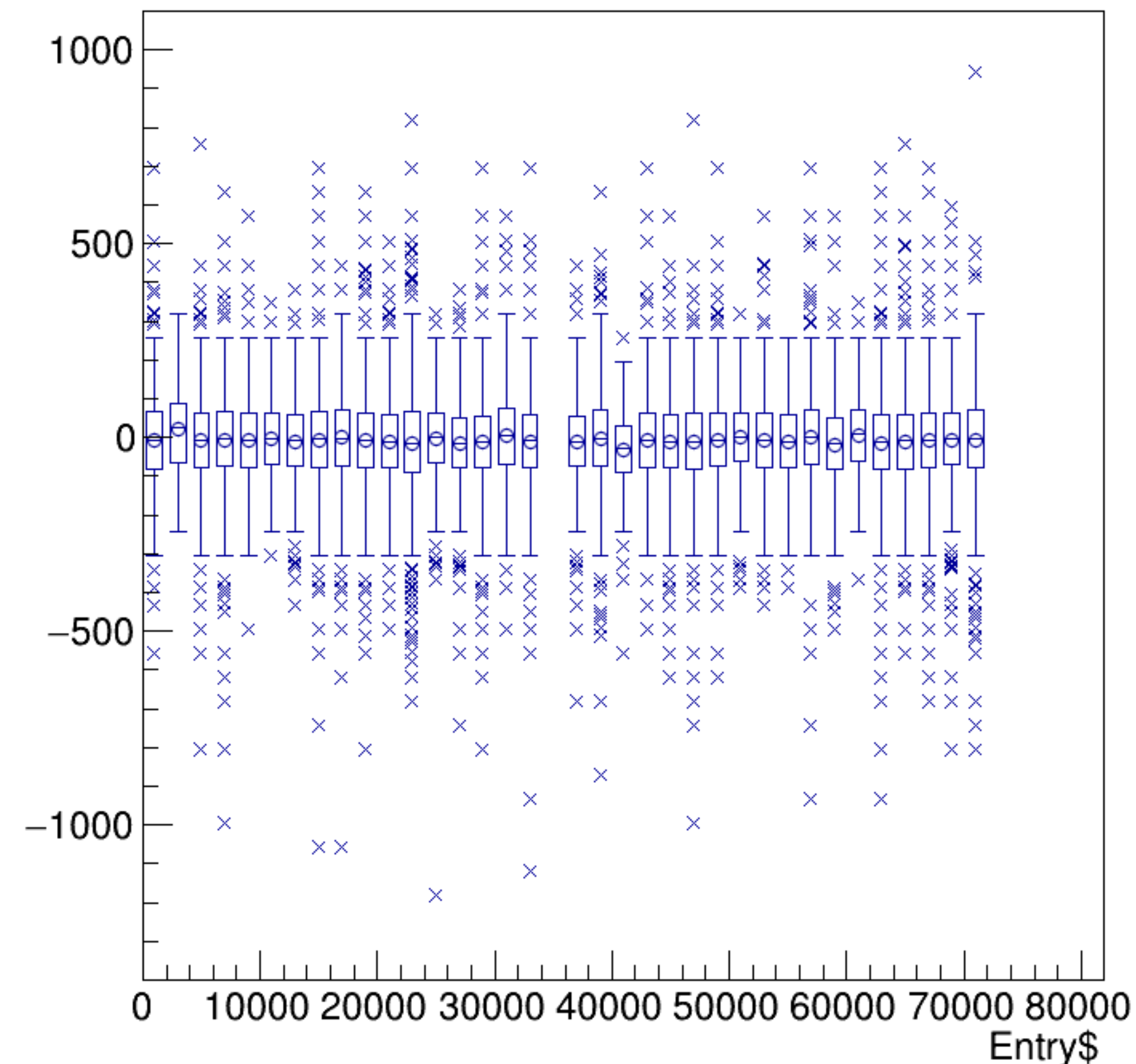


run6382_000_bpm_asym_bpm1i02WS.png

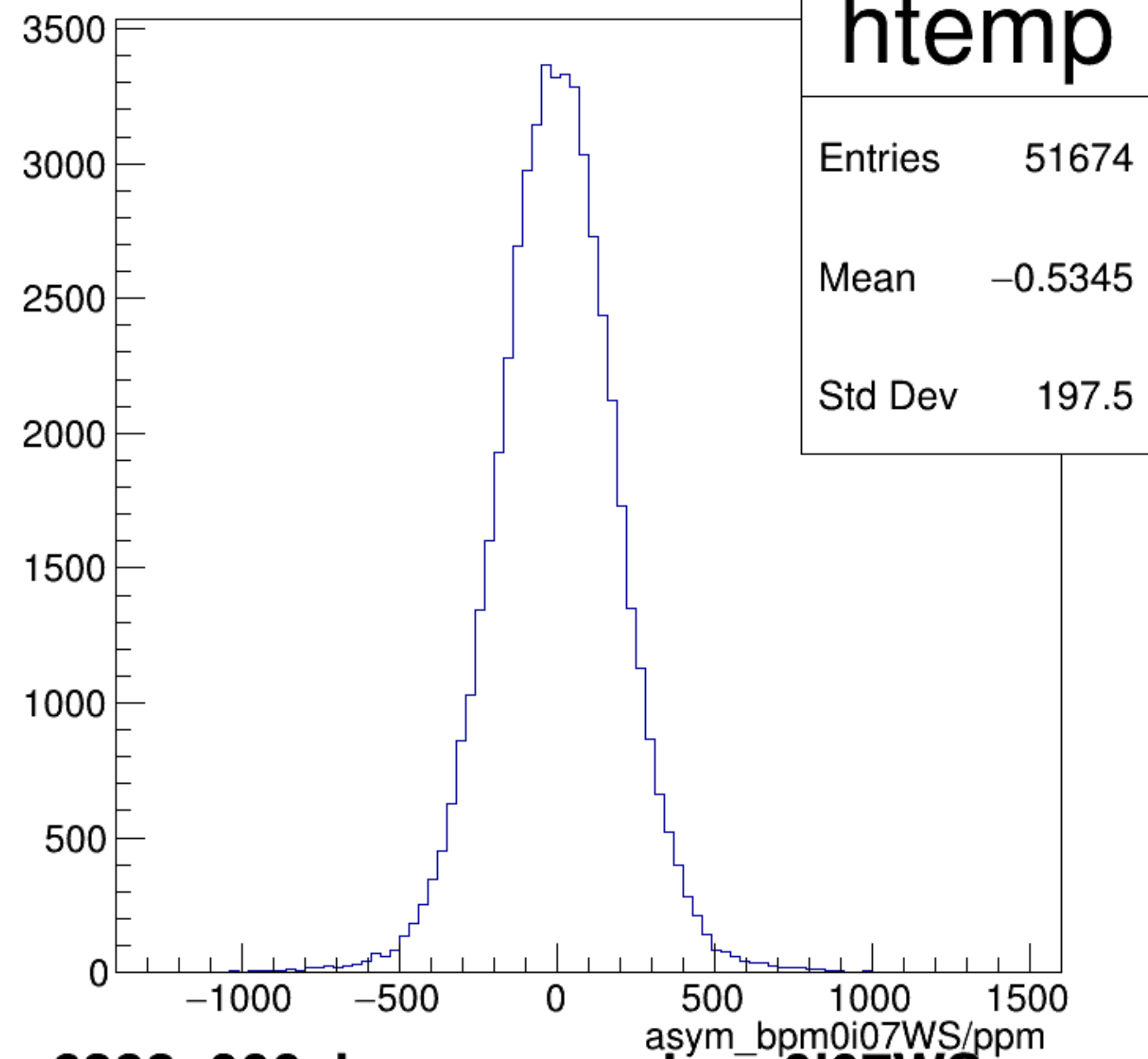
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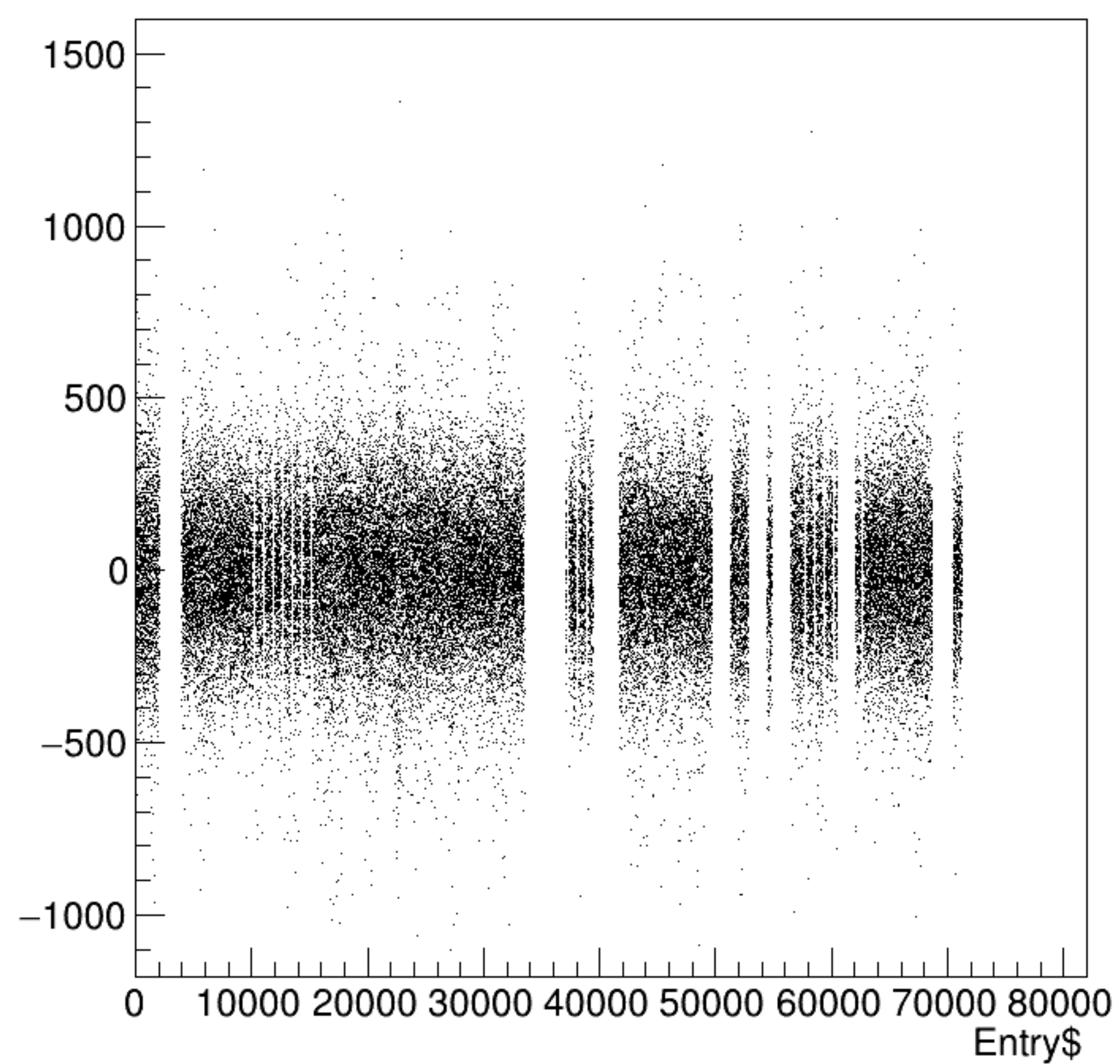
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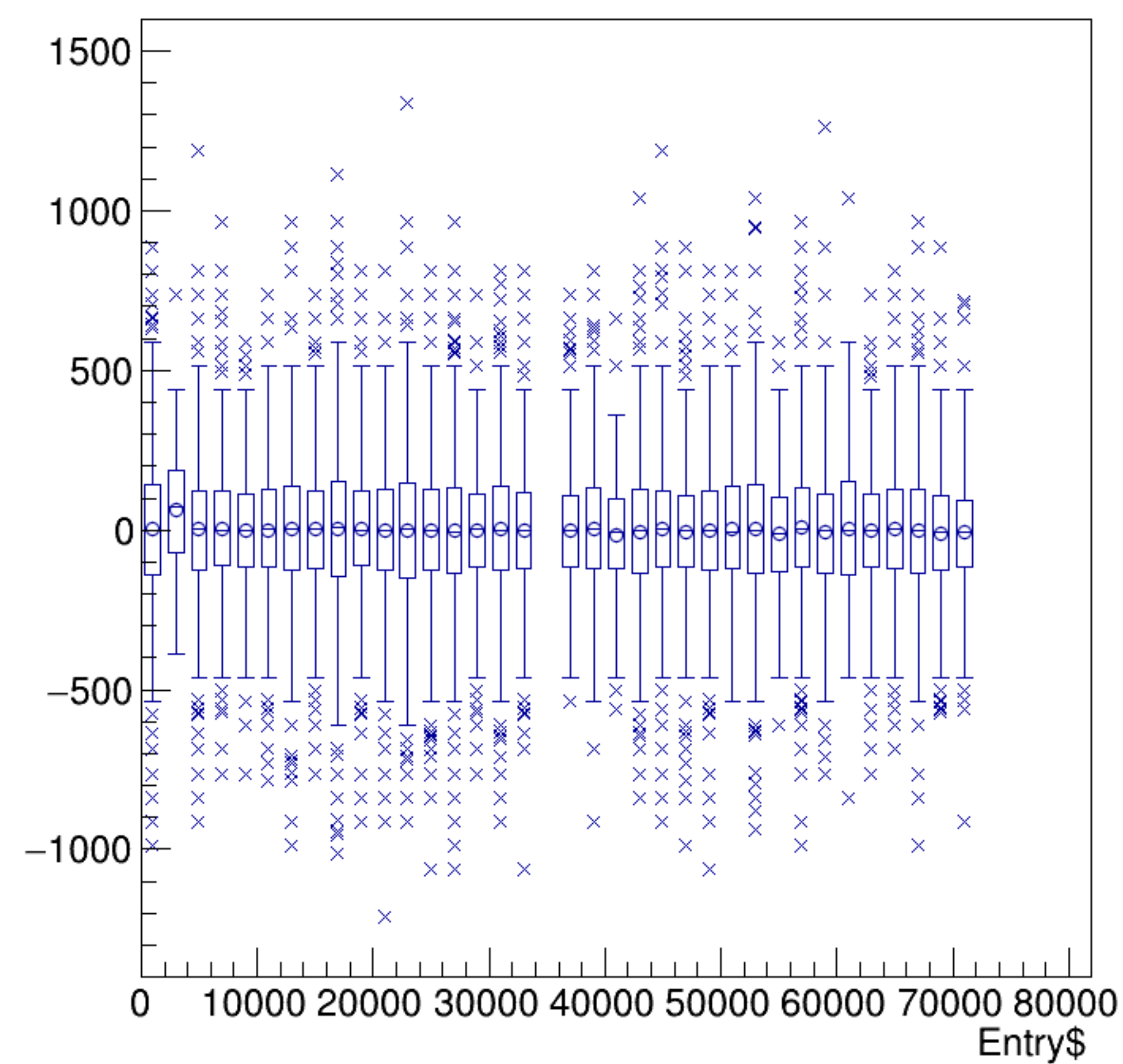
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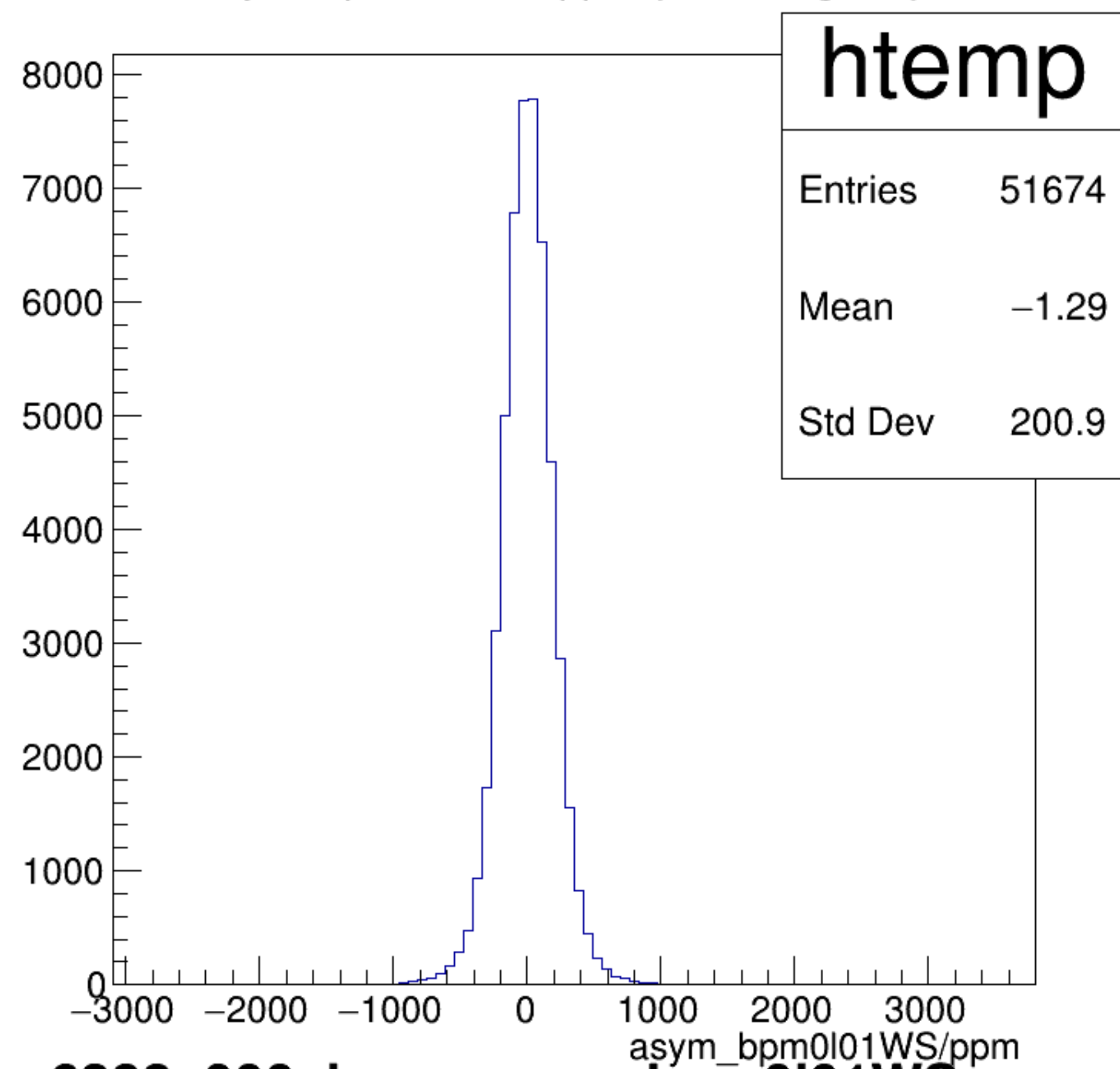
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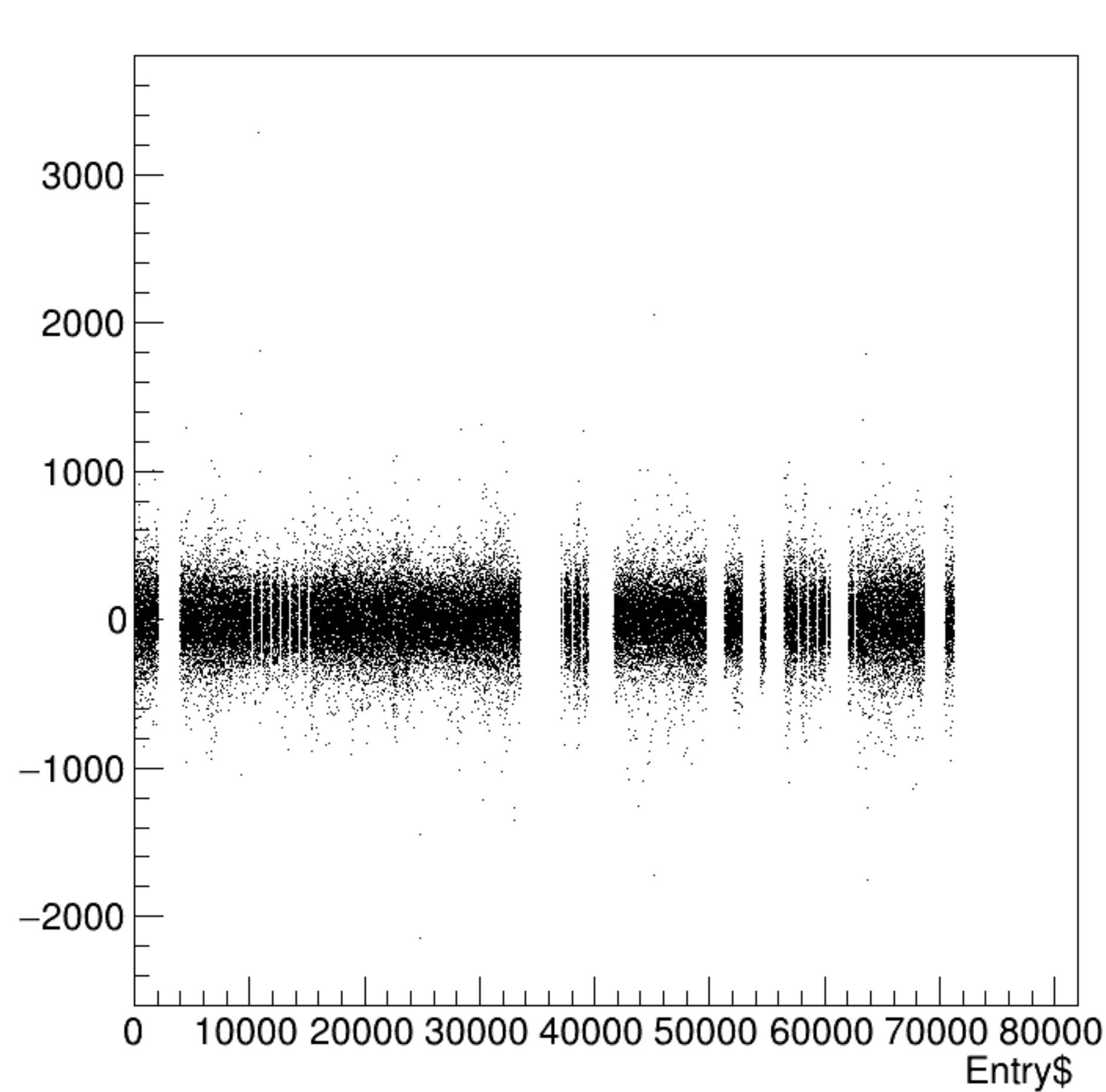


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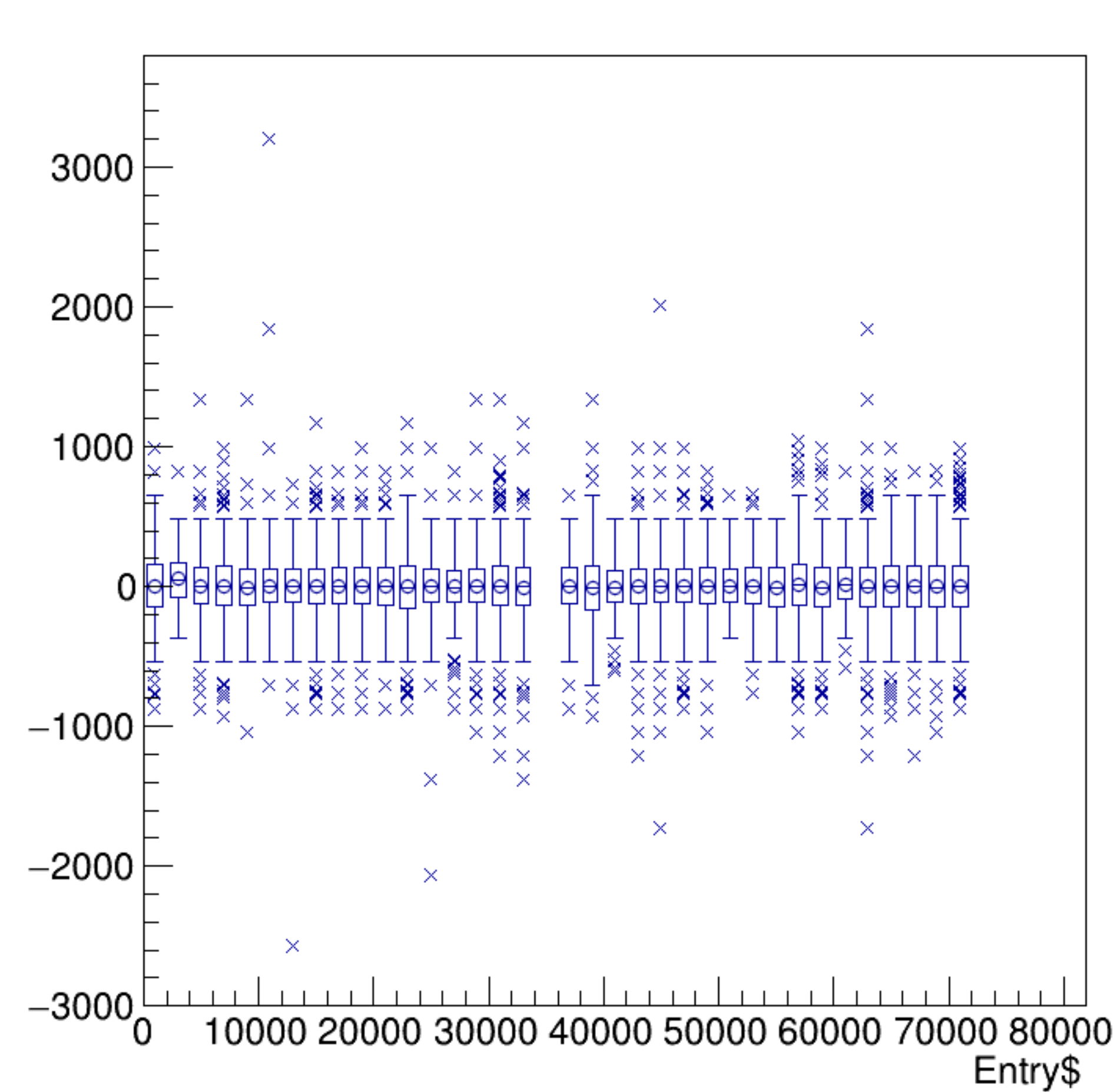


run6382_000_bpm_asym_bpm0l01WS.png

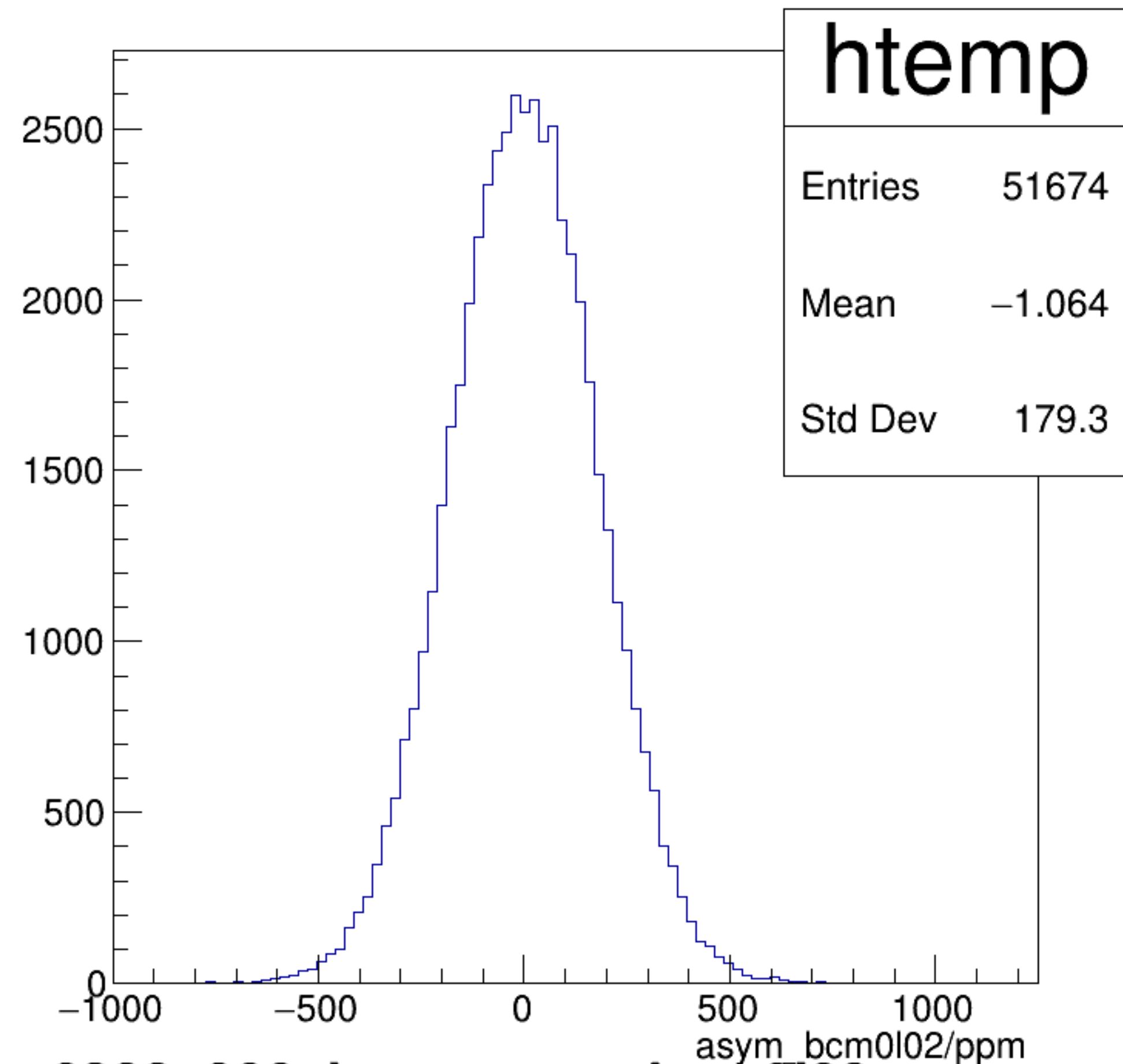
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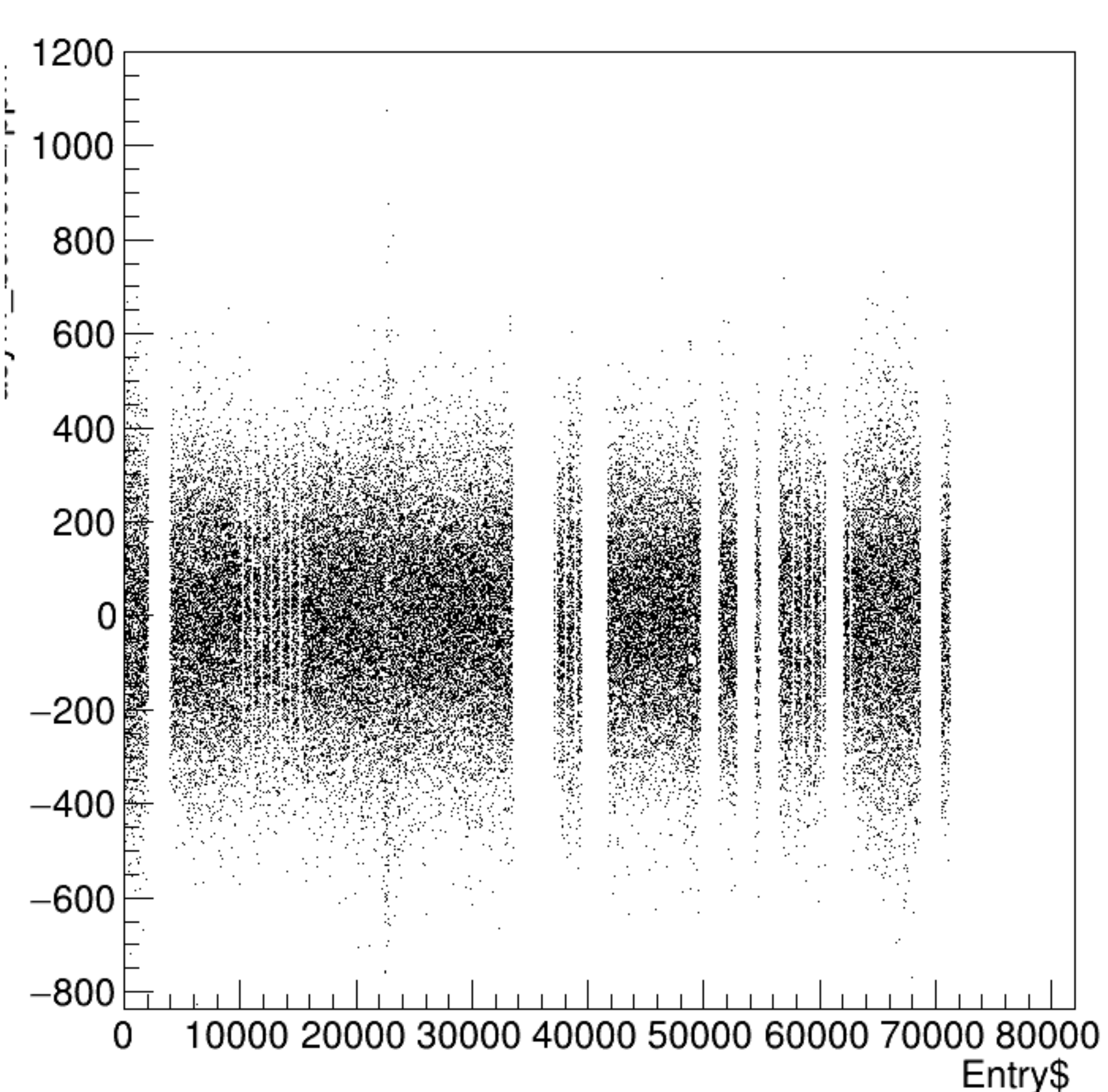
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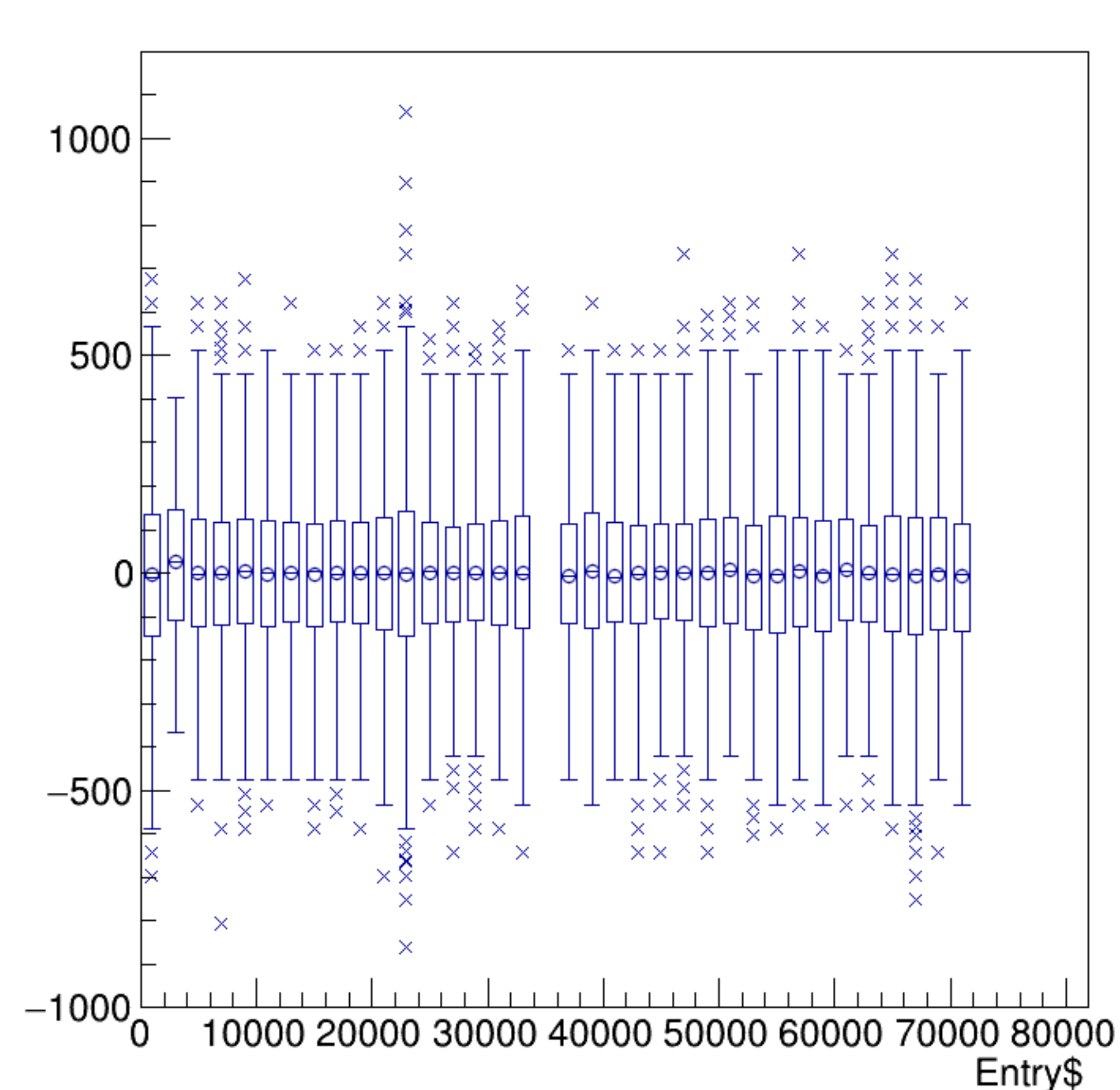
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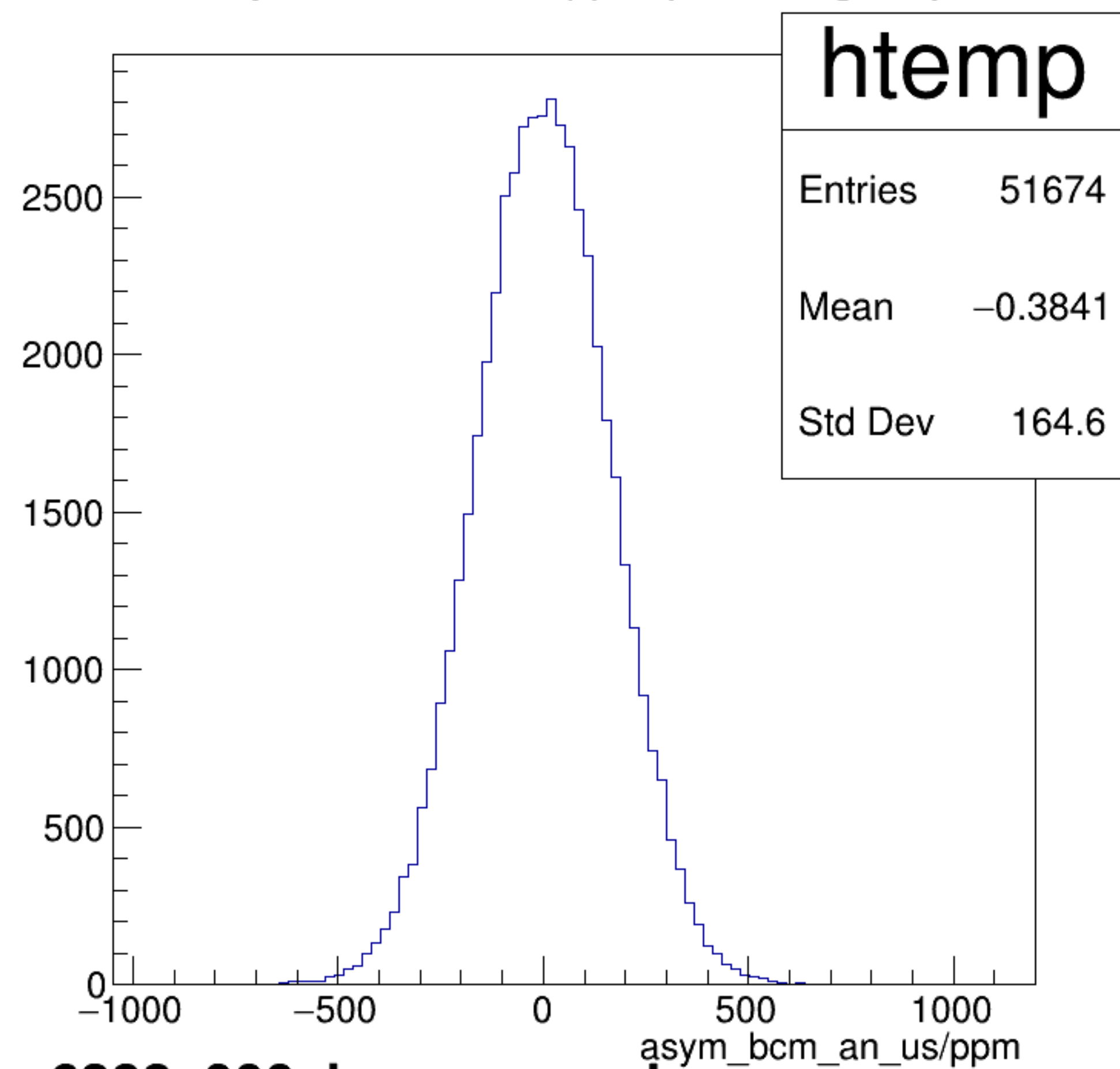
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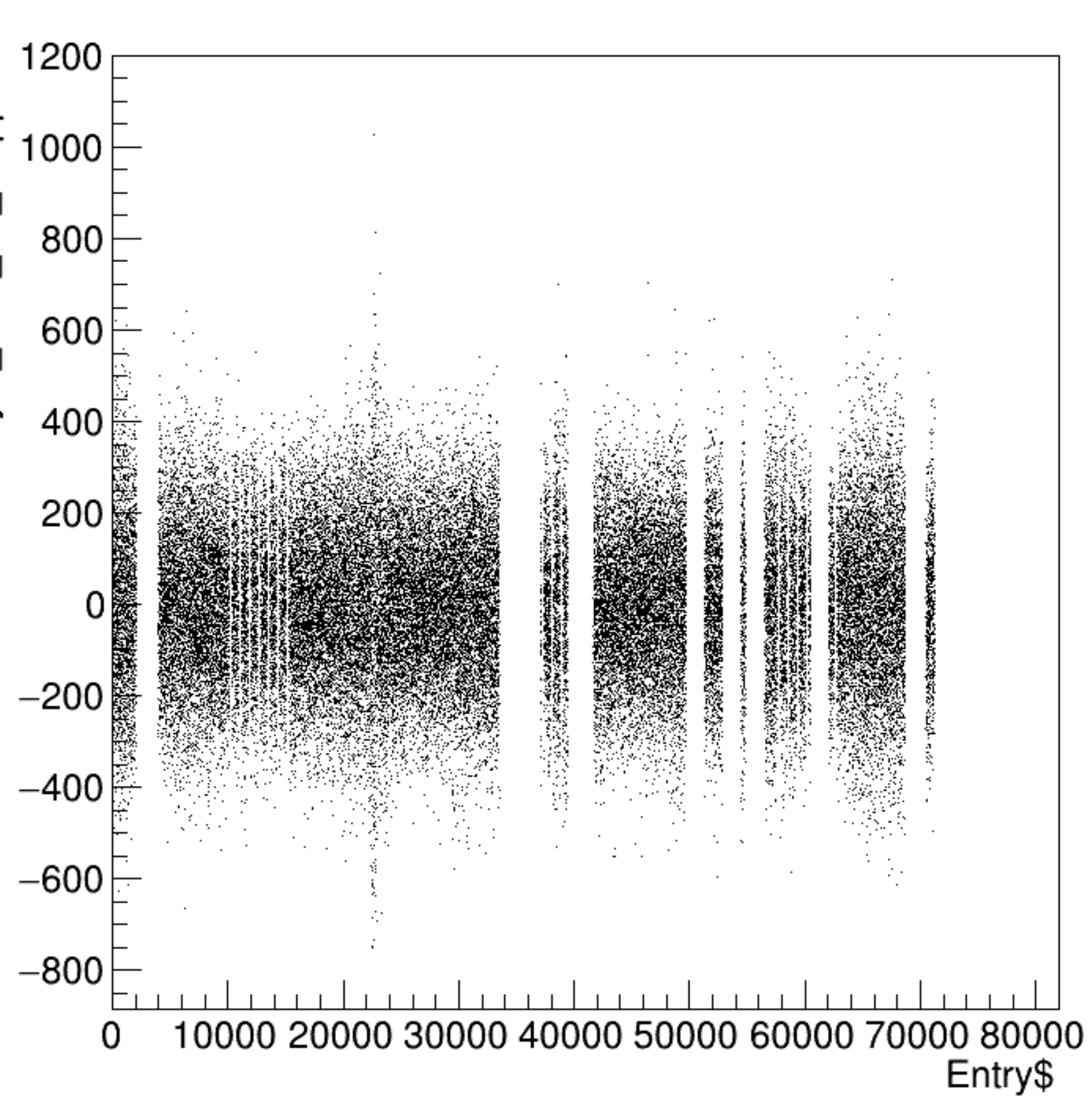
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



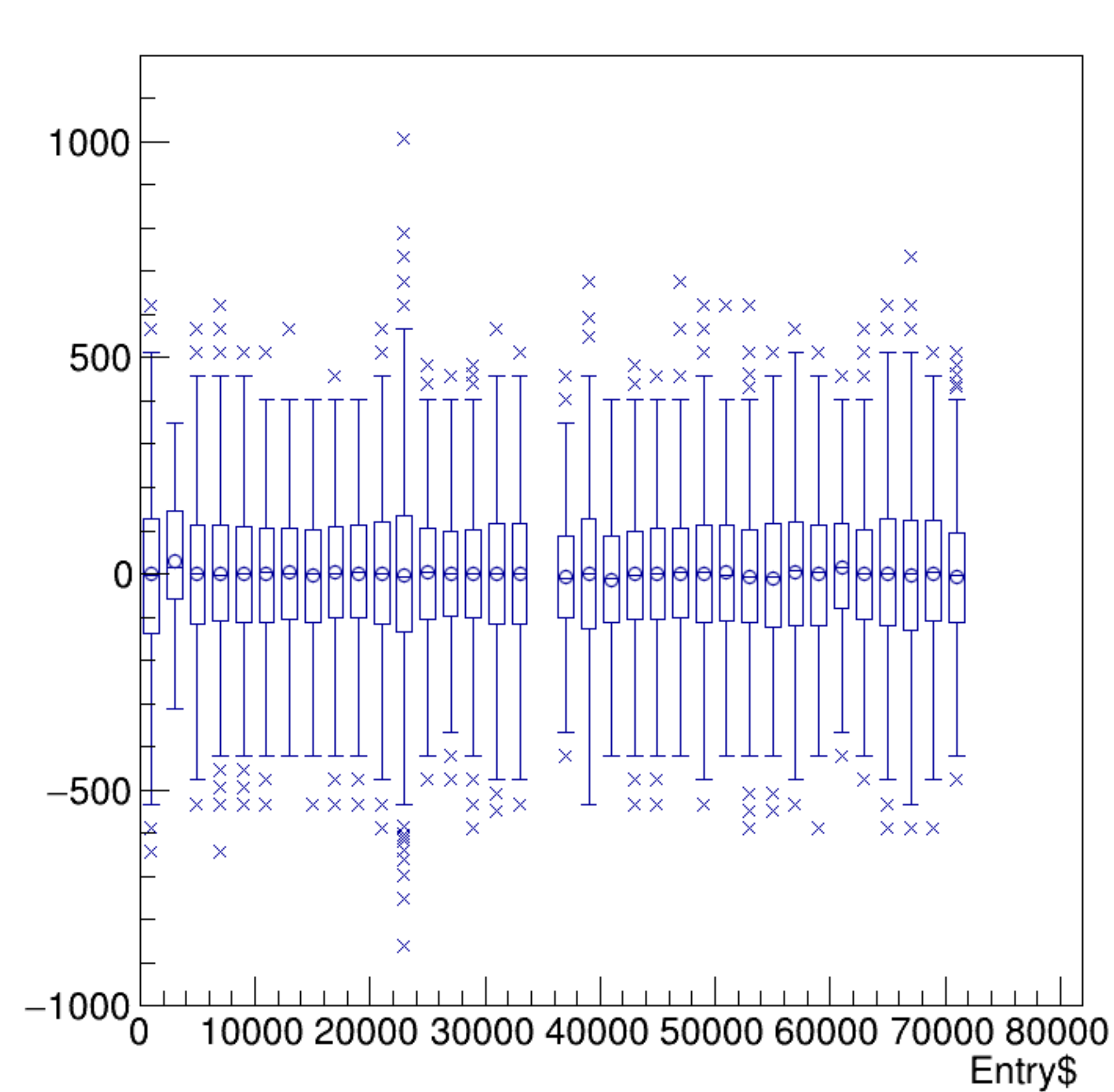
asym_bcm_an_us/ppm {ErrorFlag==0}



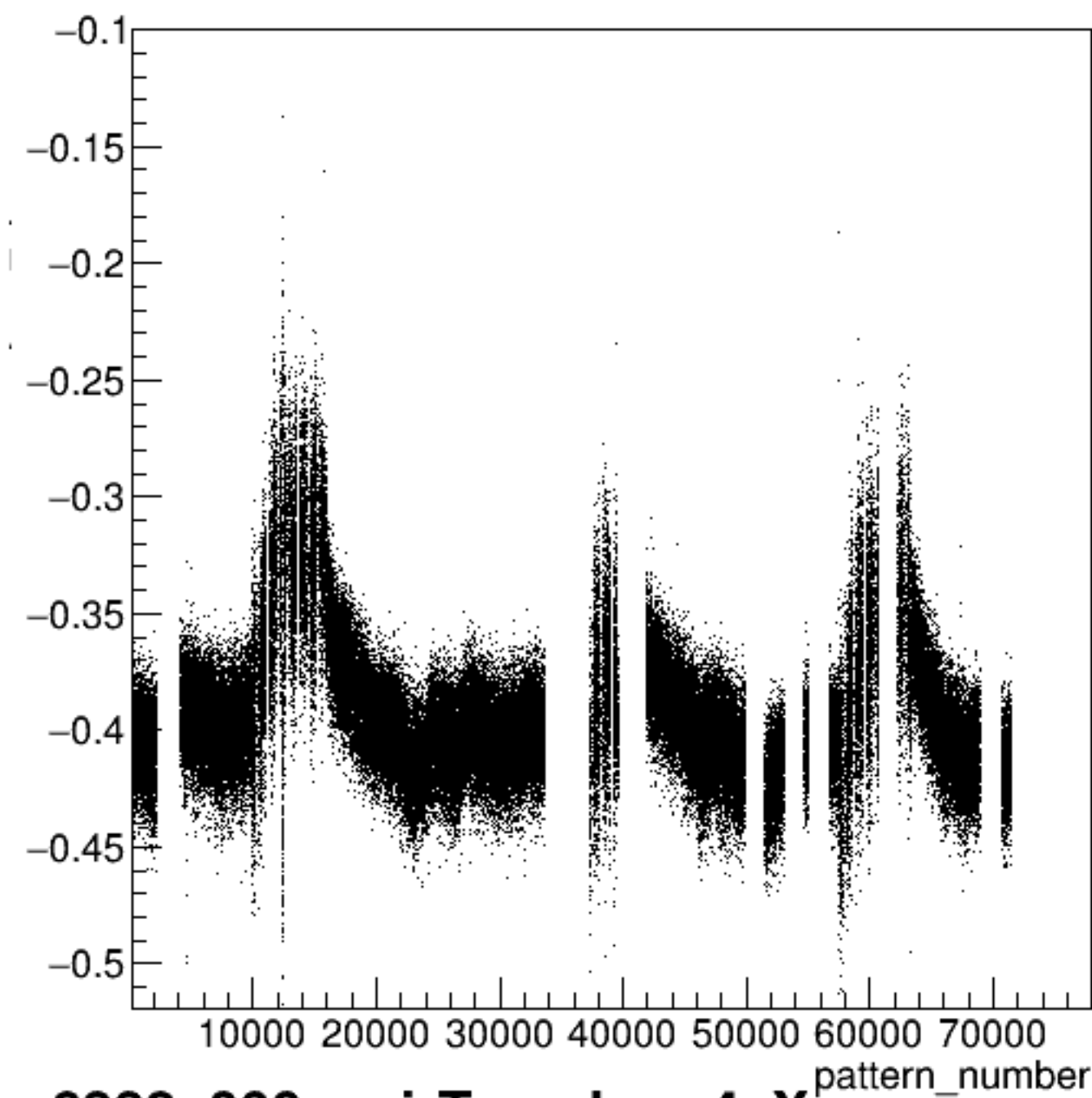
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



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

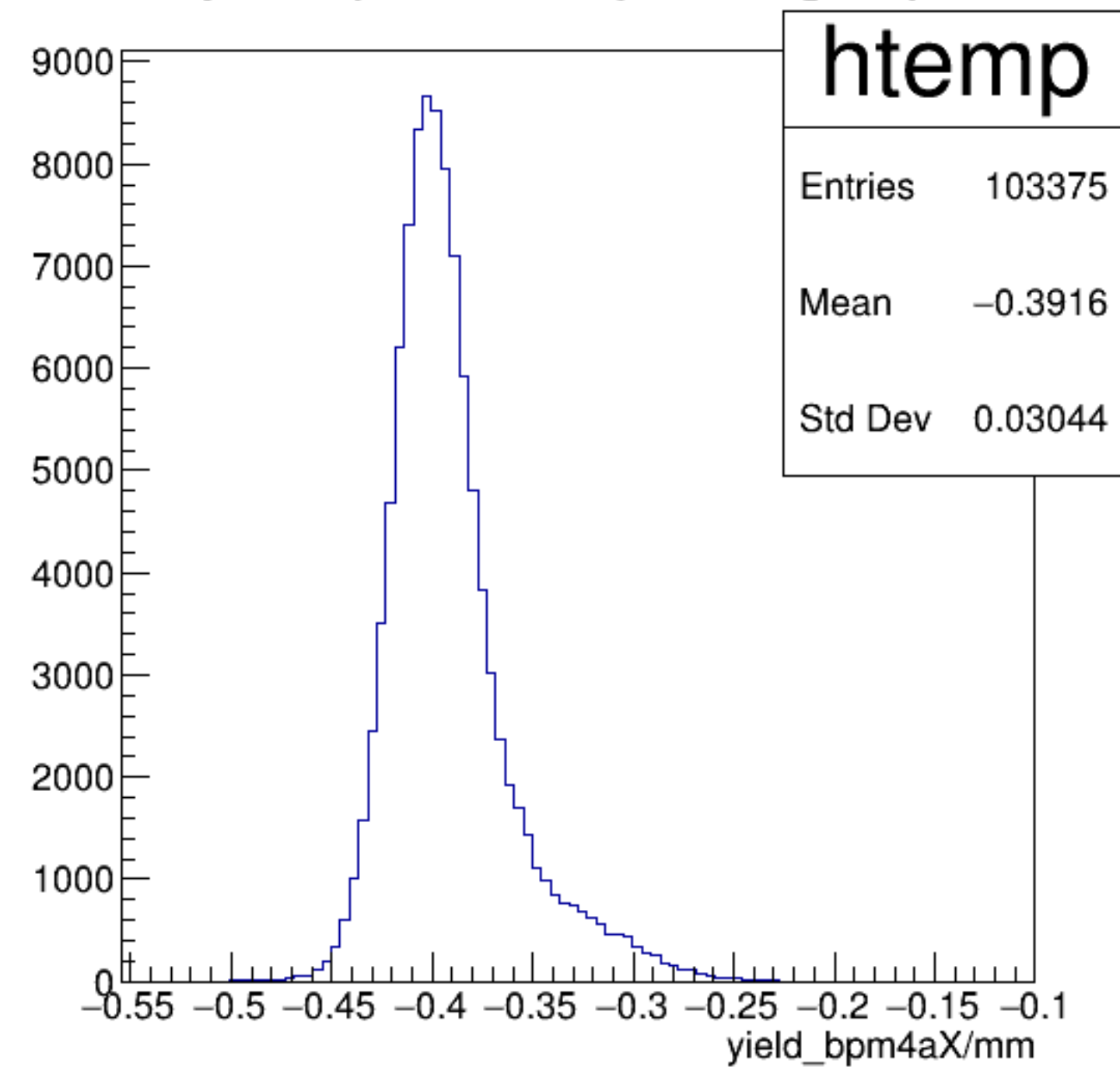


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

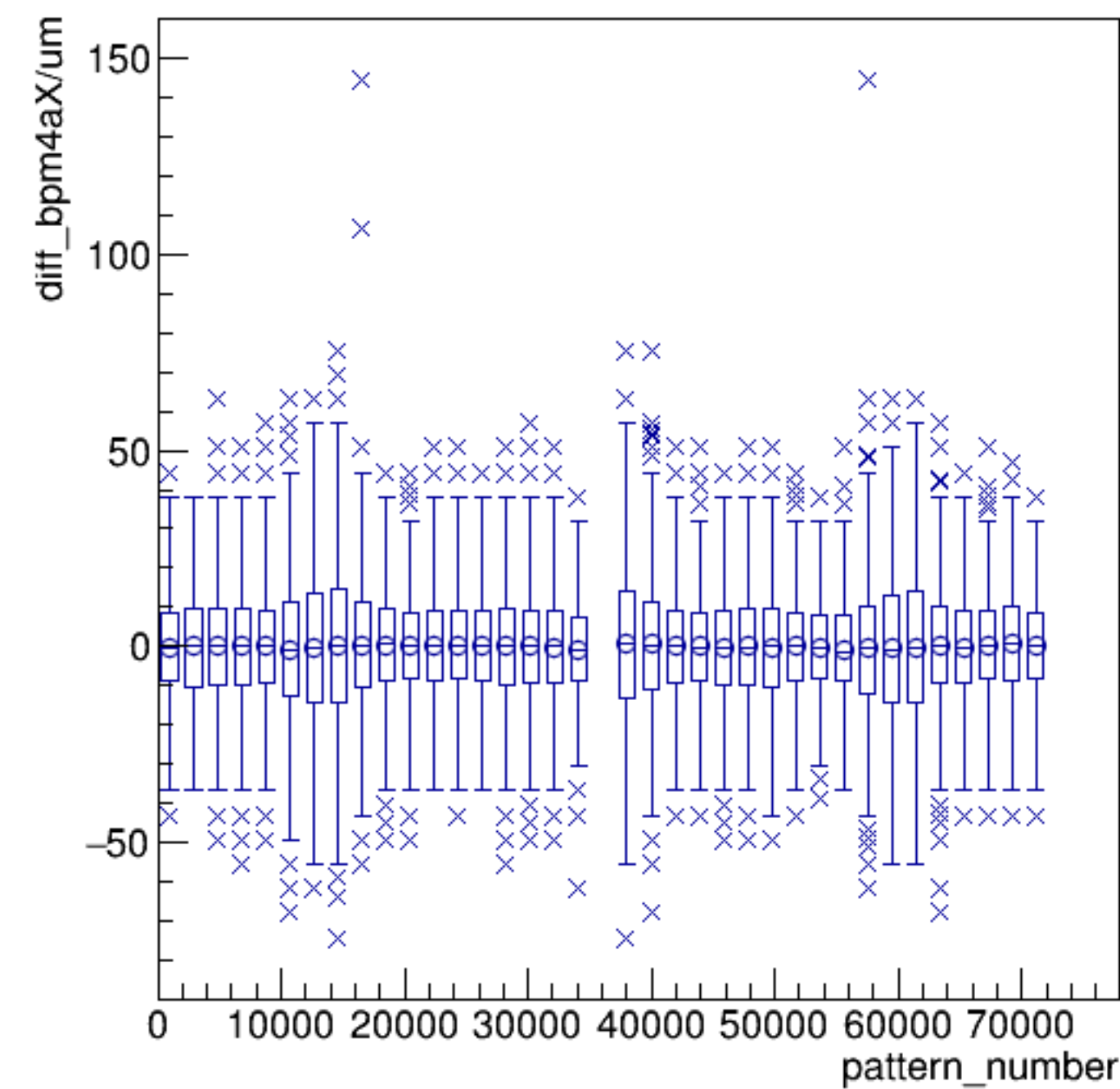


run6382_000_pairTree_bpm4aX.png

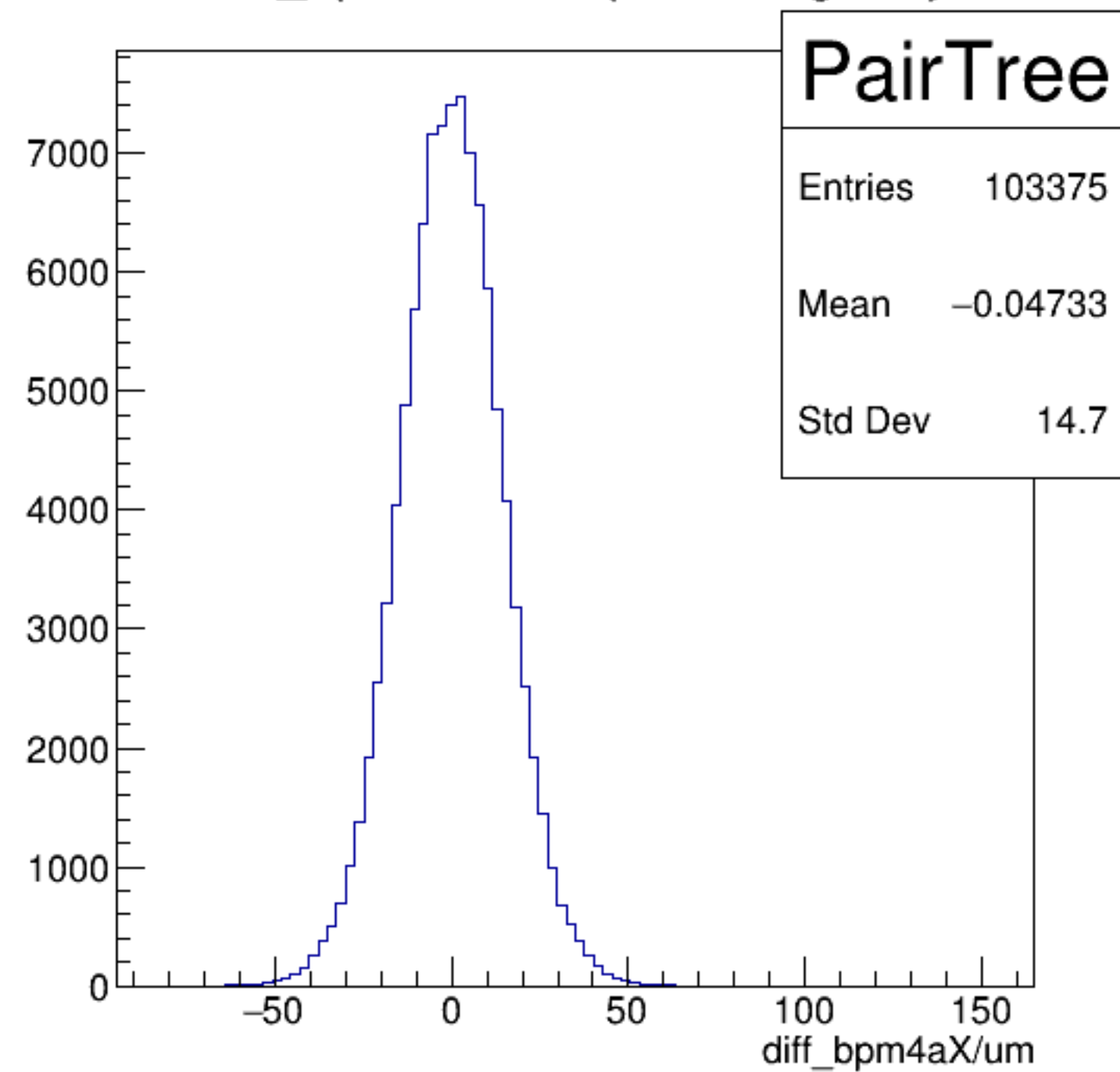
yield_bpm4aX/mm {ErrorFlag==0}



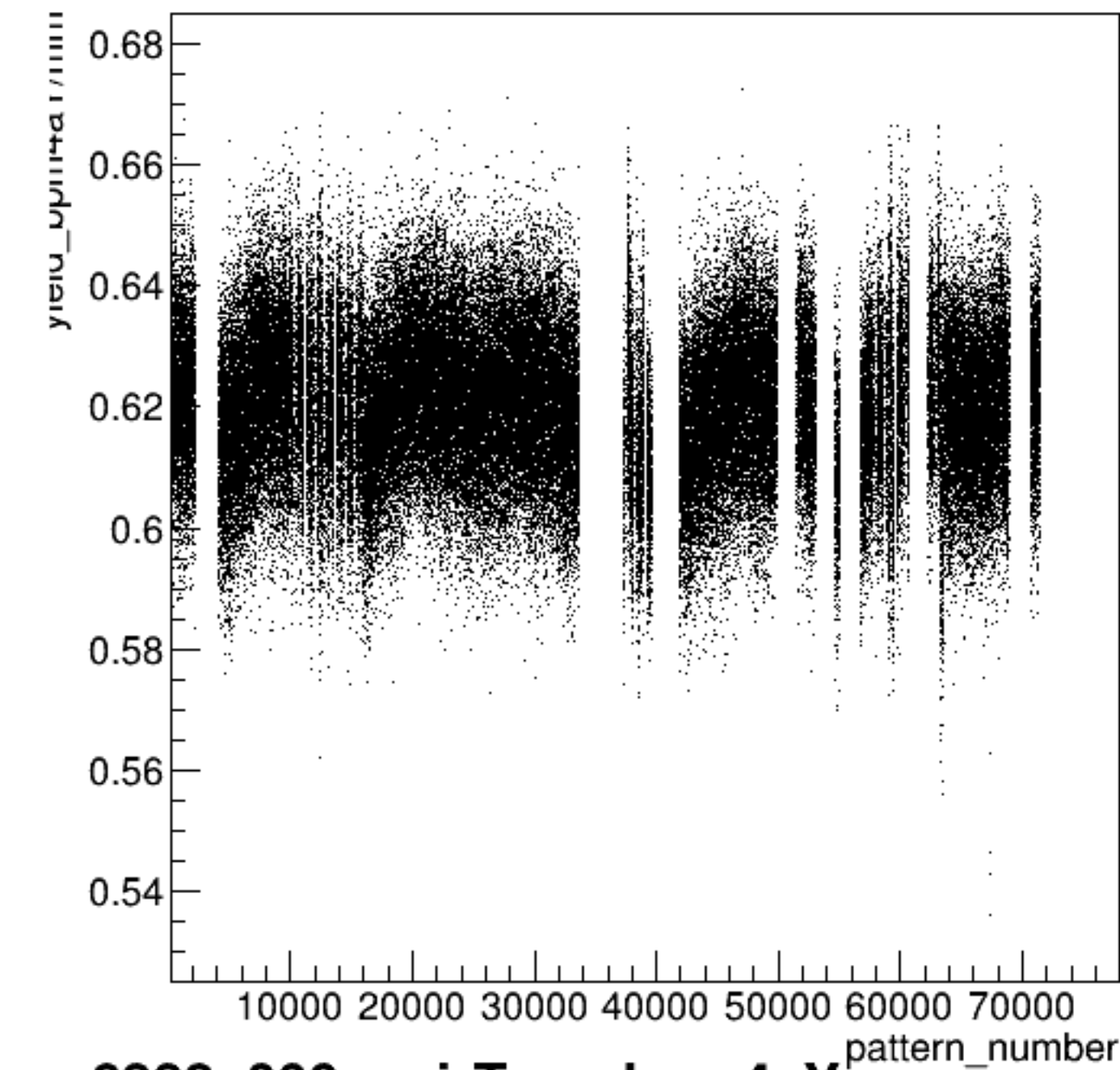
diff_bpm4aX/um:pattern_number {ErrorFlag==0}



diff_bpm4aX/um {ErrorFlag==0}

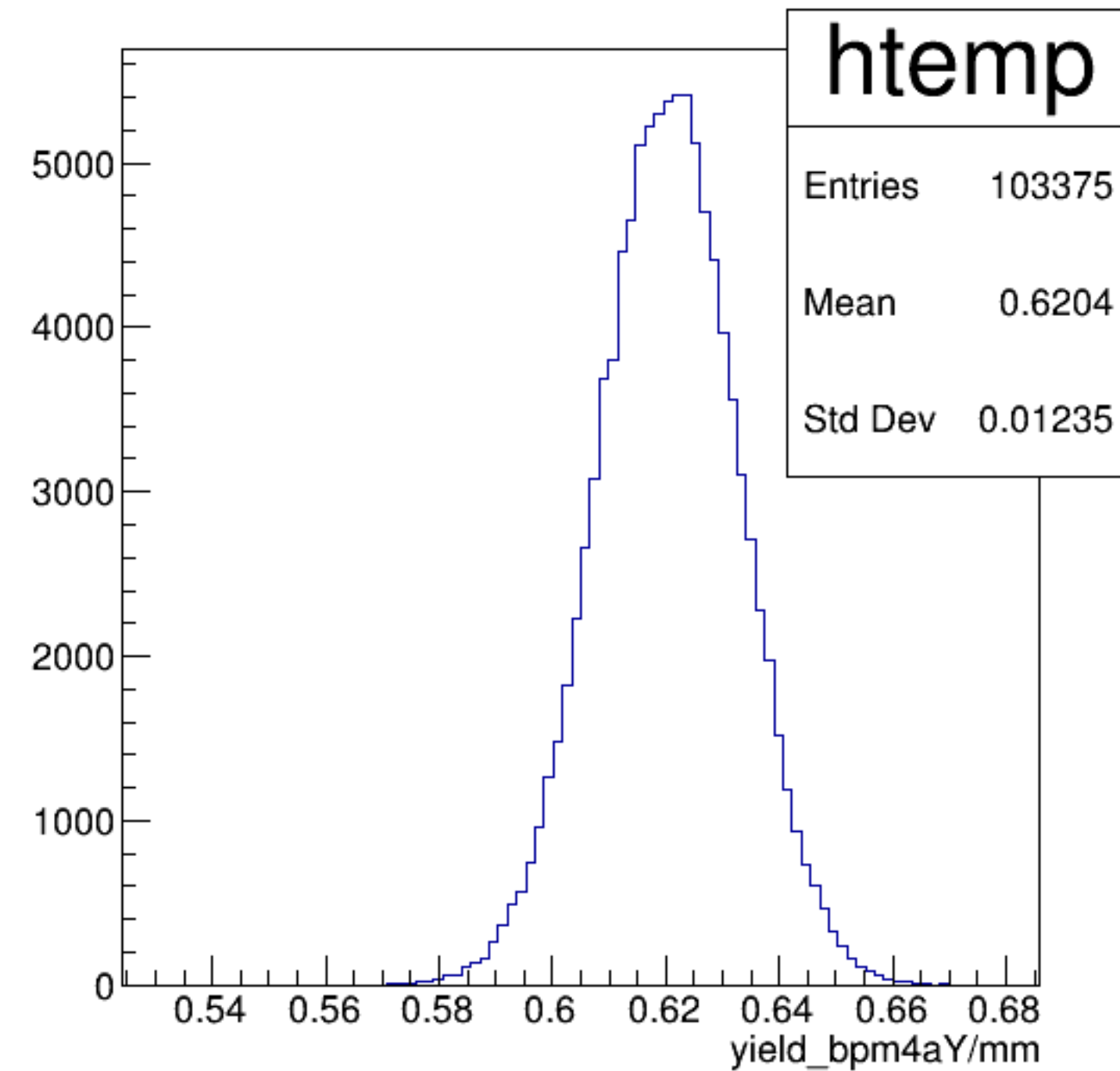


yield_bpm4aY/mm:pattern_number {ErrorFlag==0}

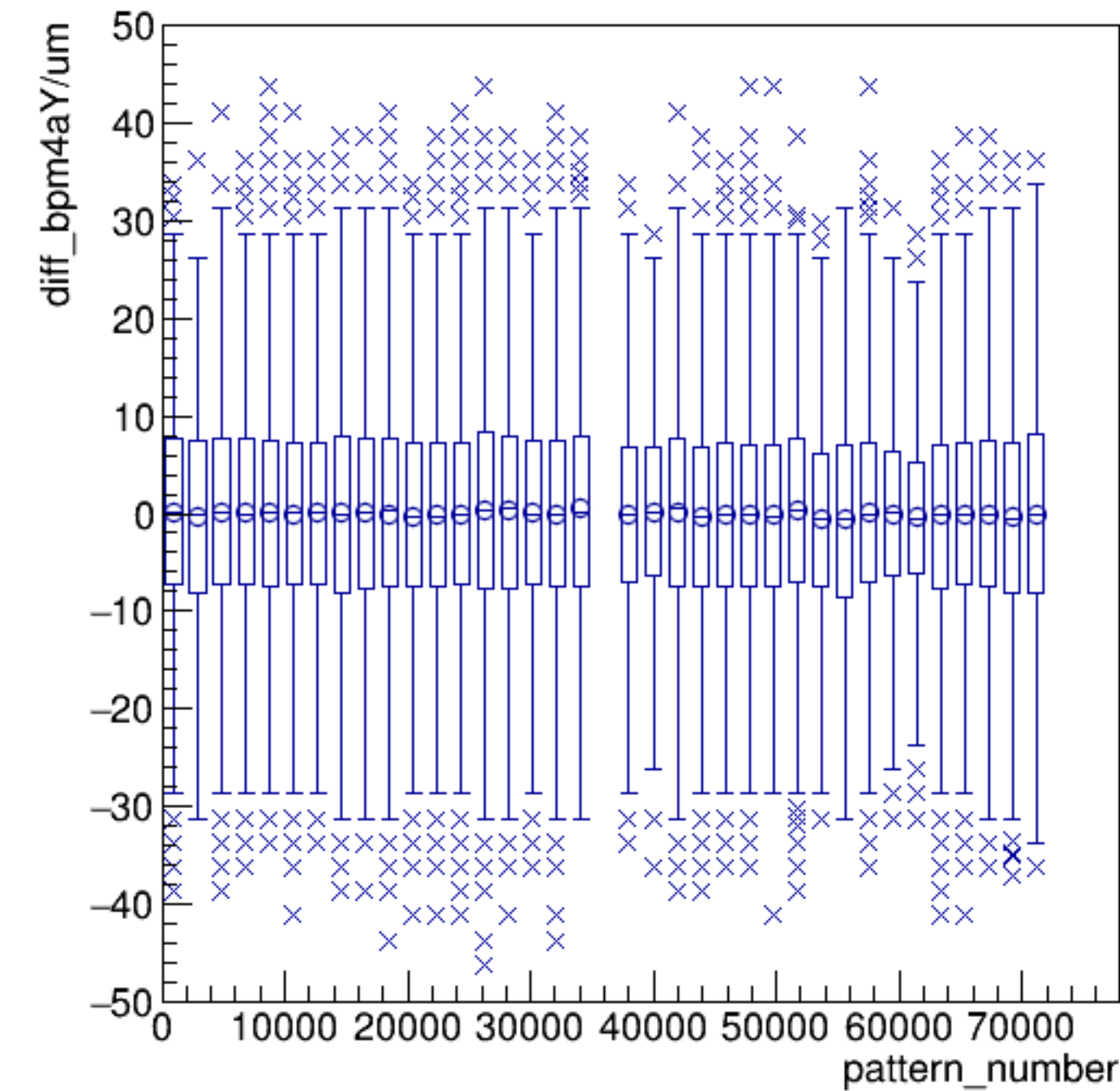


run6382_000_pairTree_bpm4aY.png

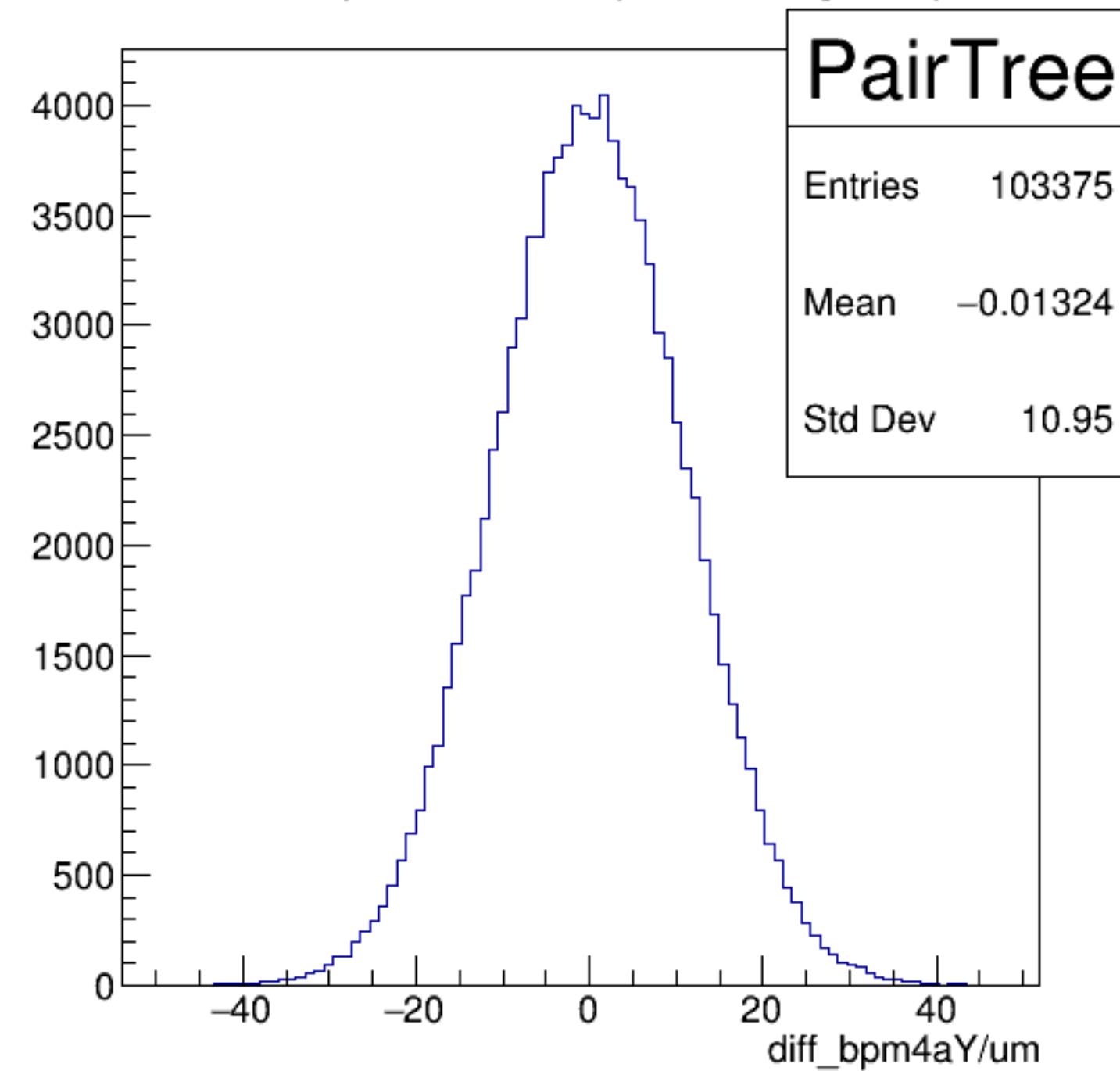
yield_bpm4aY/mm {ErrorFlag==0}



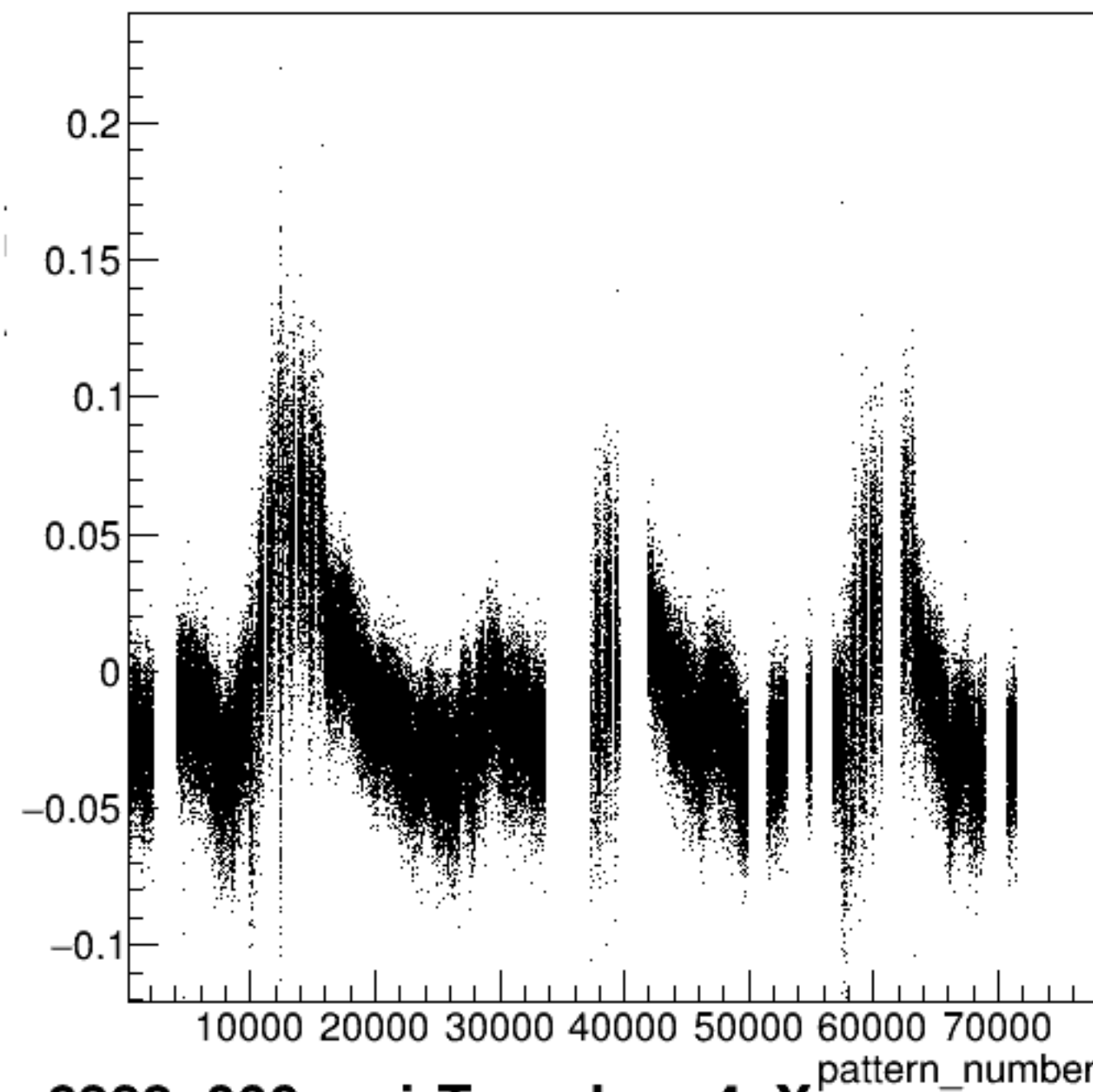
diff_bpm4aY/um:pattern_number {ErrorFlag==0}



diff_bpm4aY/um {ErrorFlag==0}

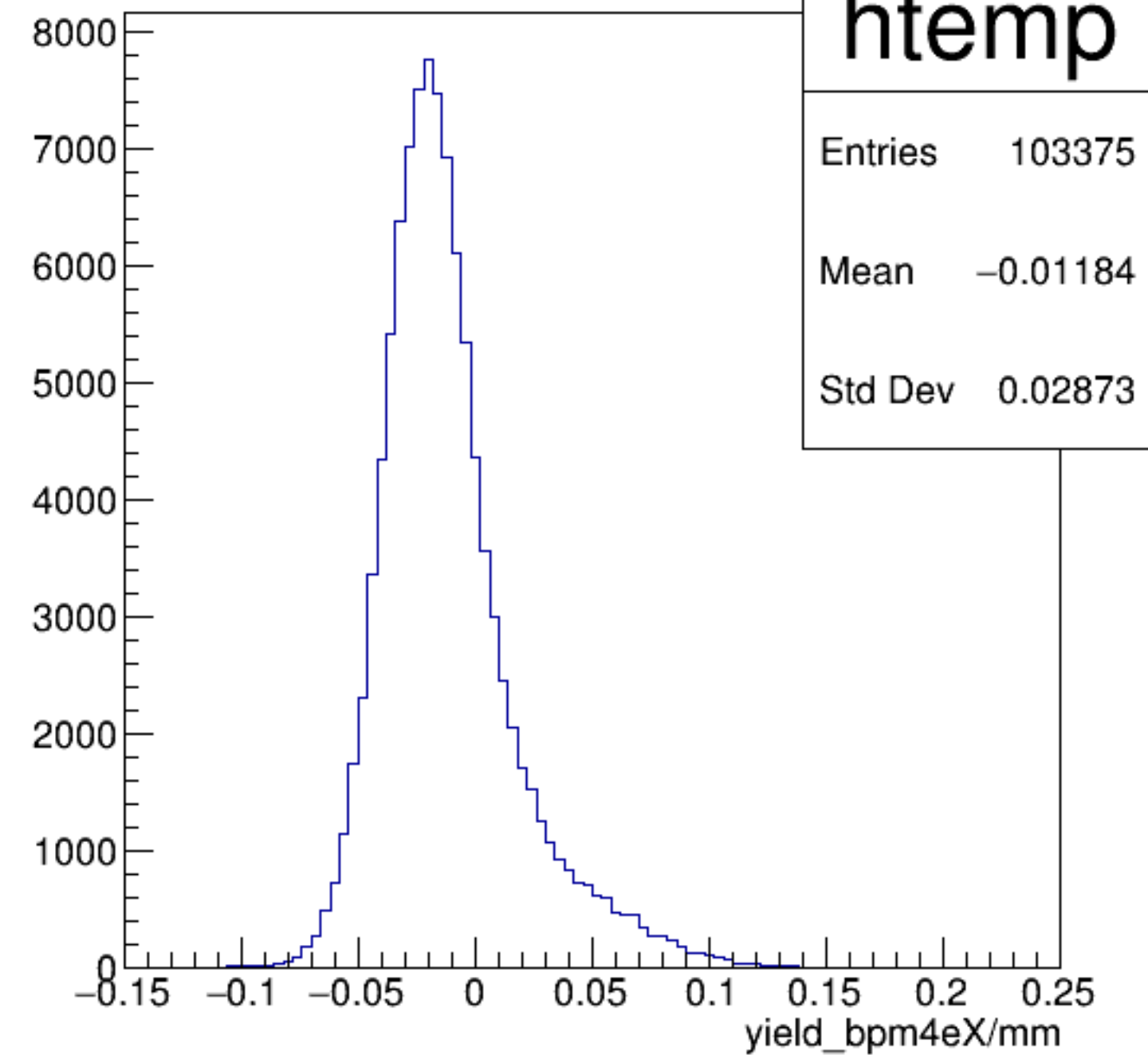


yield_bpm4eX/mm:pattern_number {ErrorFlag==0}

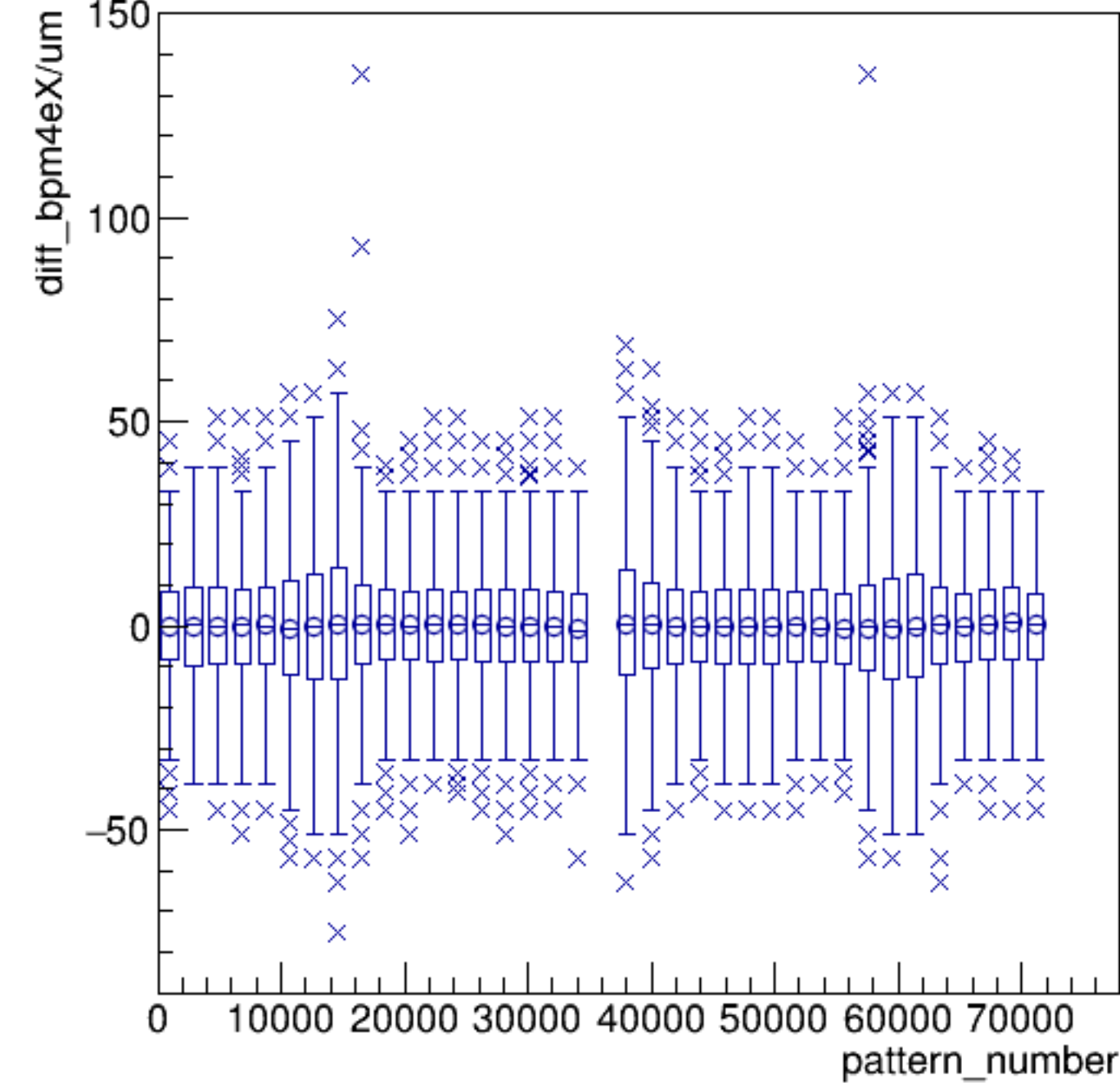


run6382_000_pairTree_bpm4eX.png

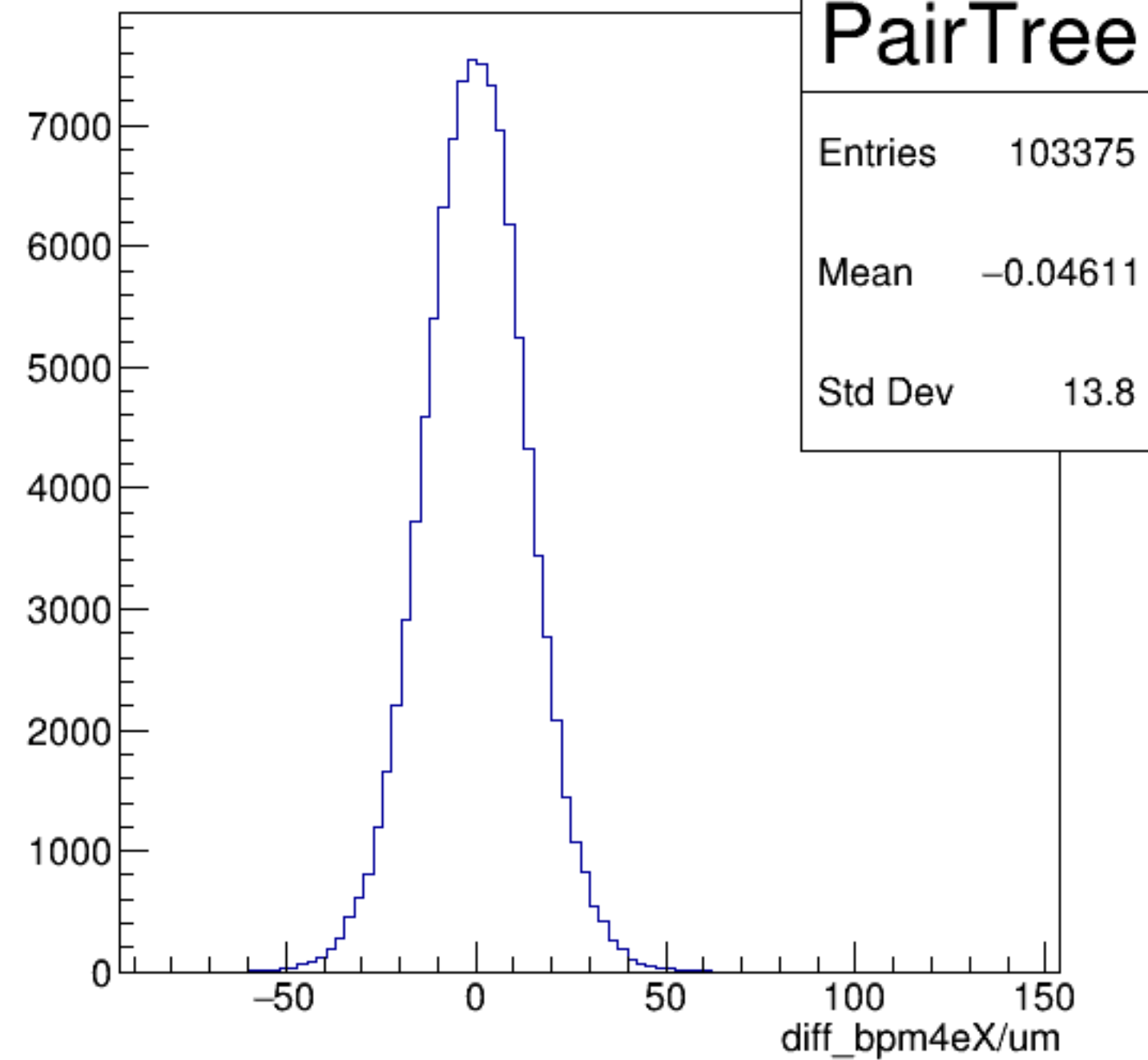
yield_bpm4eX/mm {ErrorFlag==0}



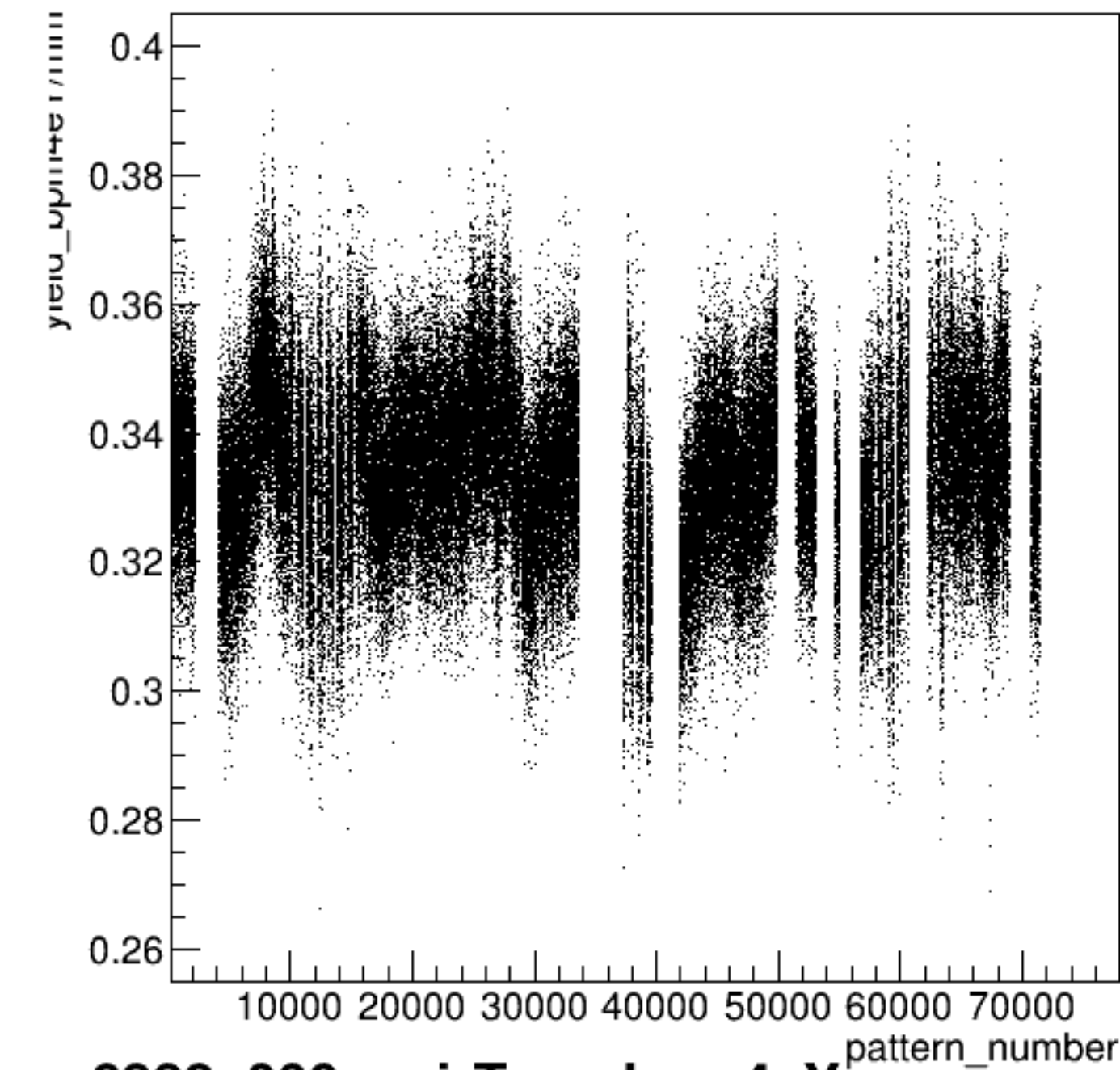
diff_bpm4eX/um:pattern_number {ErrorFlag==0}



diff_bpm4eX/um {ErrorFlag==0}

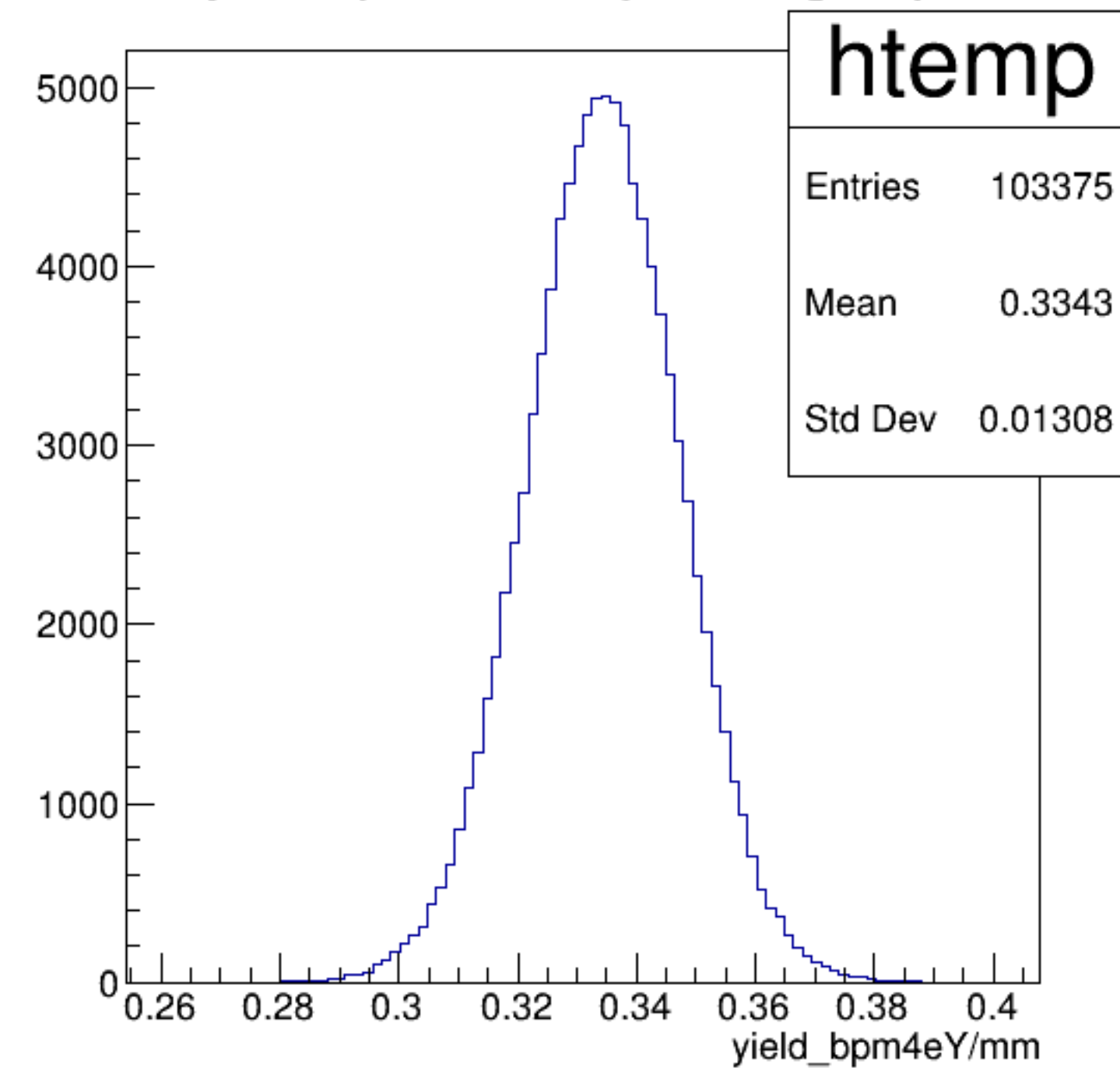


yield_bpm4eY/mm:pattern_number {ErrorFlag==0}

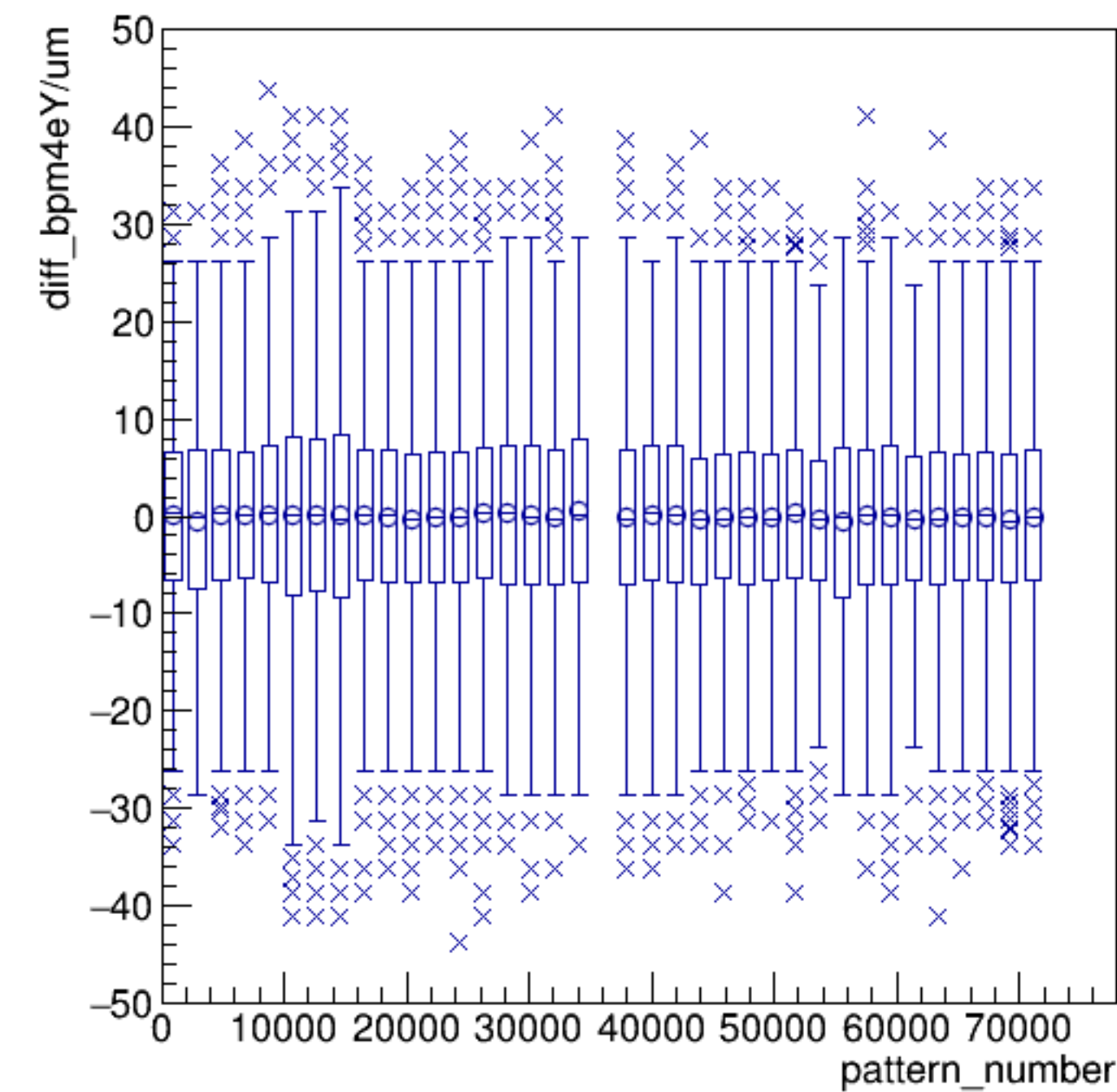


run6382_000_pairTree_bpm4eY.png

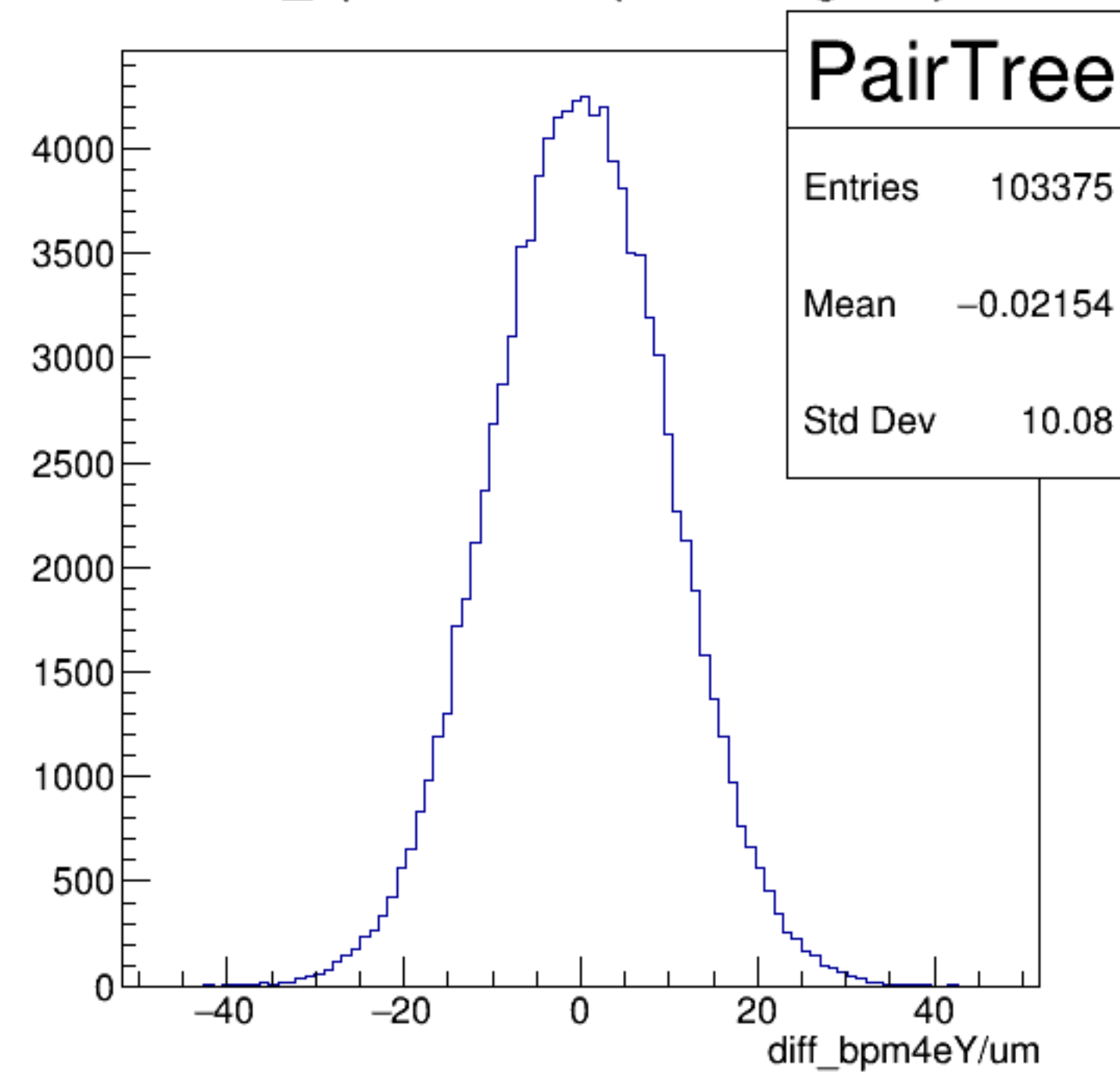
yield_bpm4eY/mm {ErrorFlag==0}



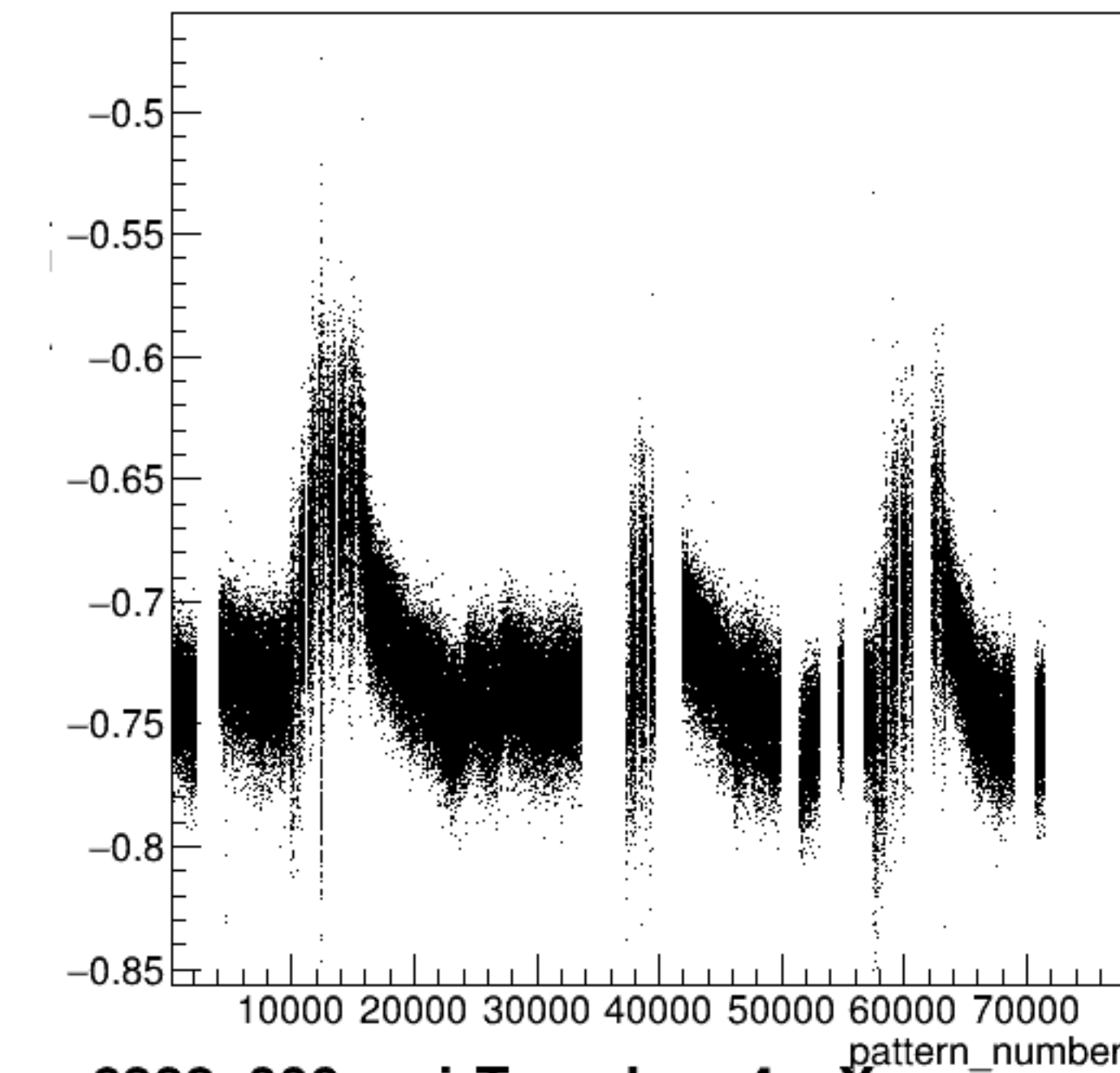
diff_bpm4eY/um:pattern_number {ErrorFlag==0}



diff_bpm4eY/um {ErrorFlag==0}

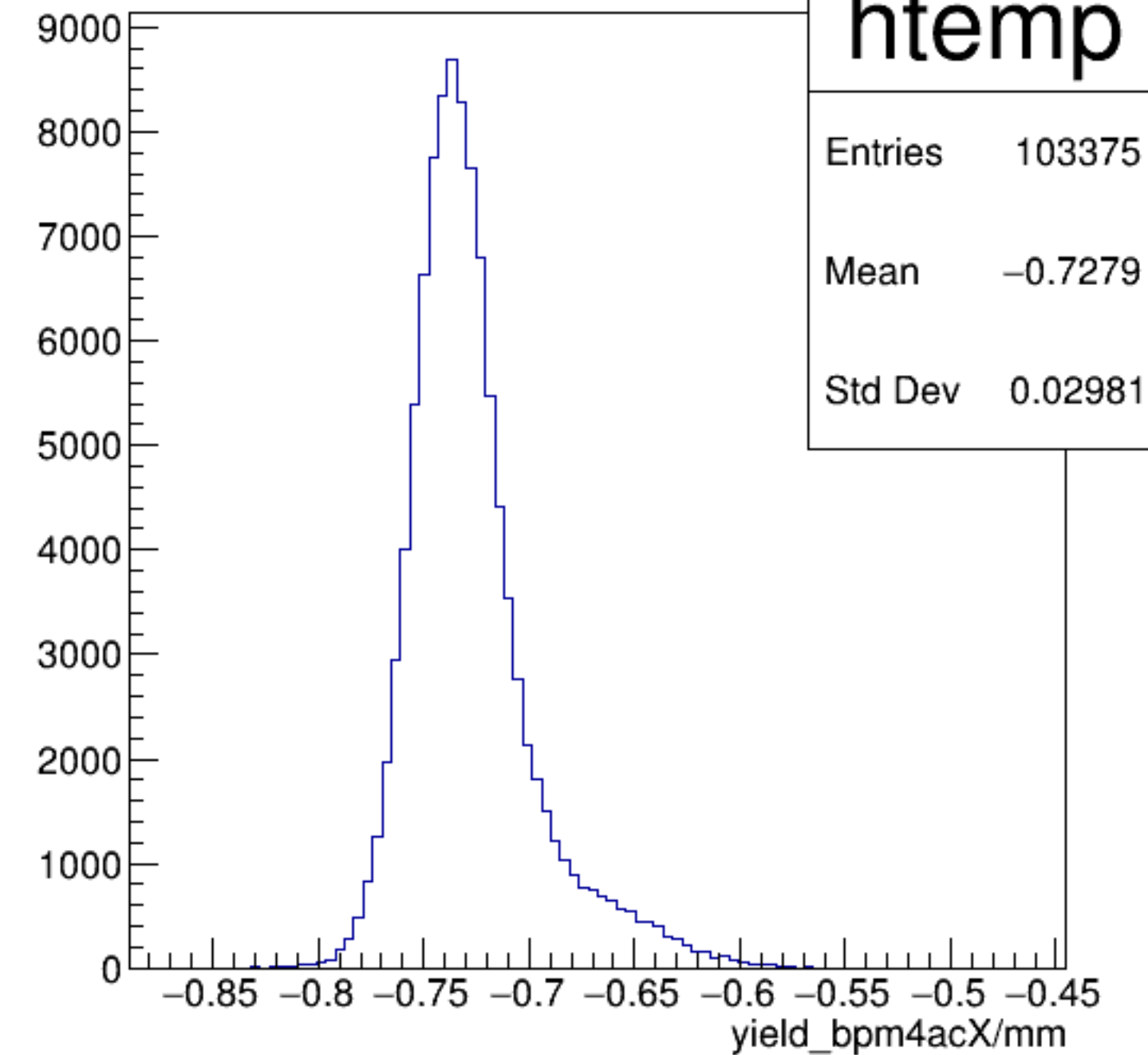


yield_bpm4acX/mm:pattern_number {ErrorFlag==0}

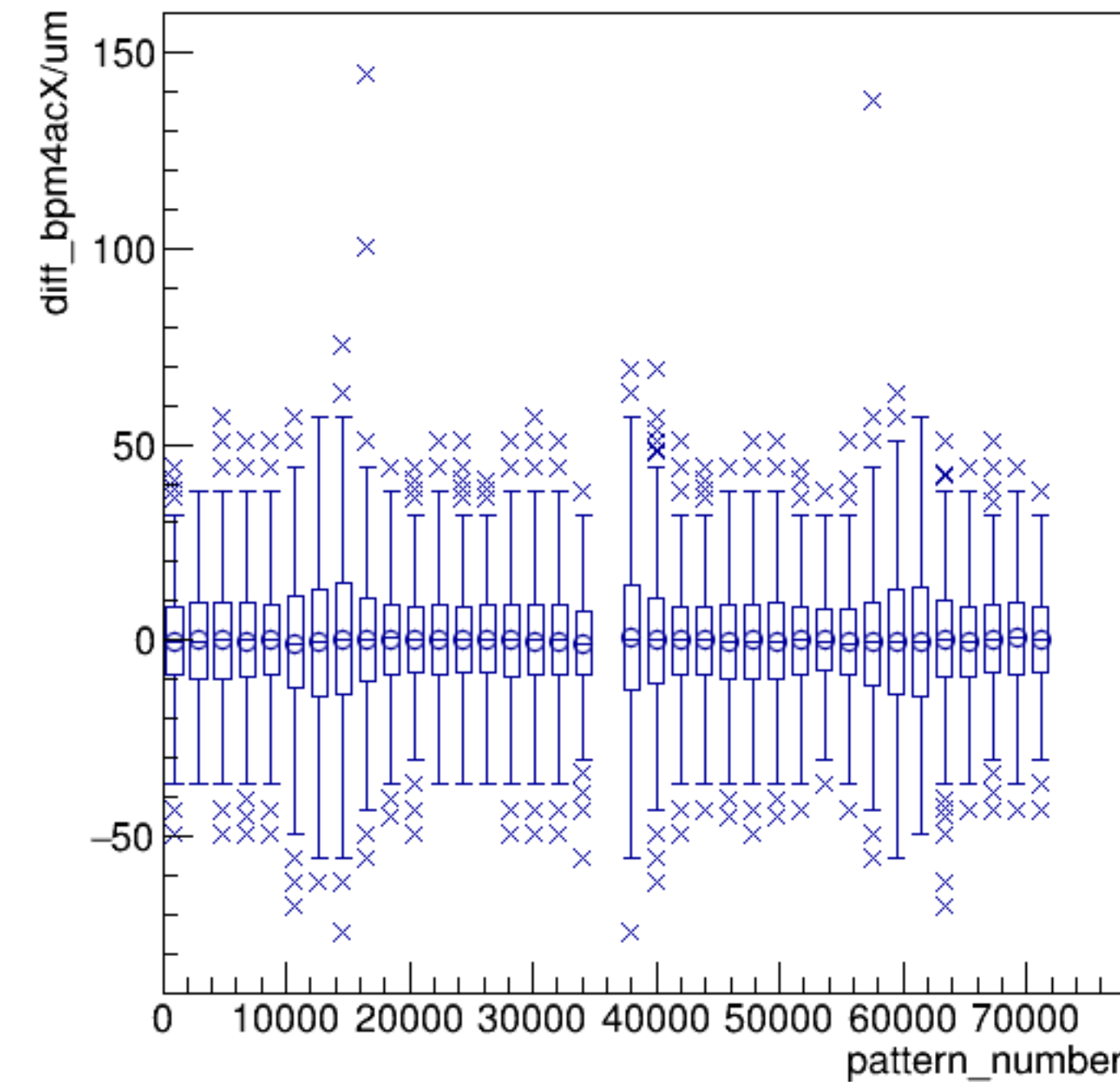


run6382_000_pairTree_bpm4acX.png

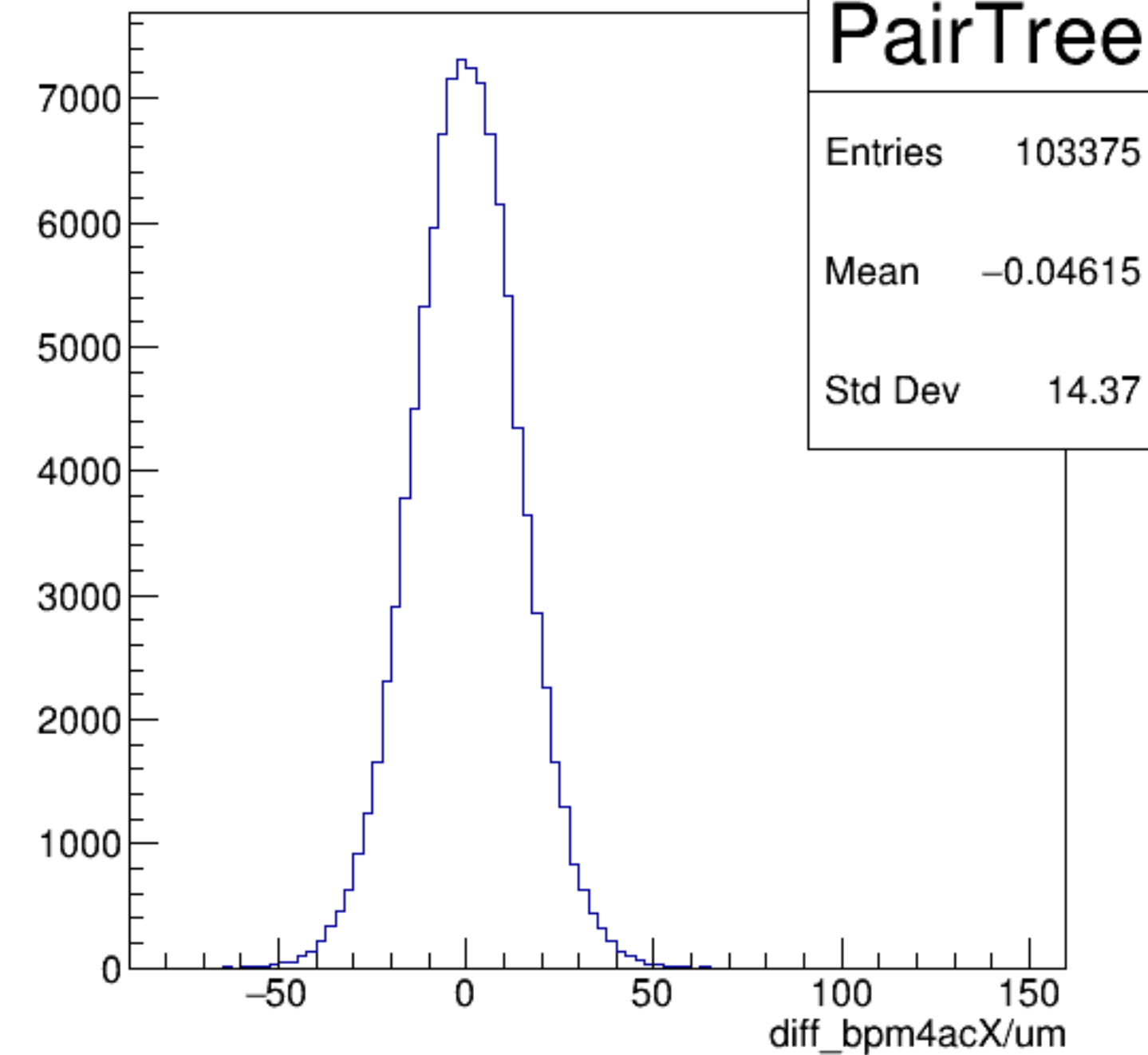
yield_bpm4acX/mm {ErrorFlag==0}

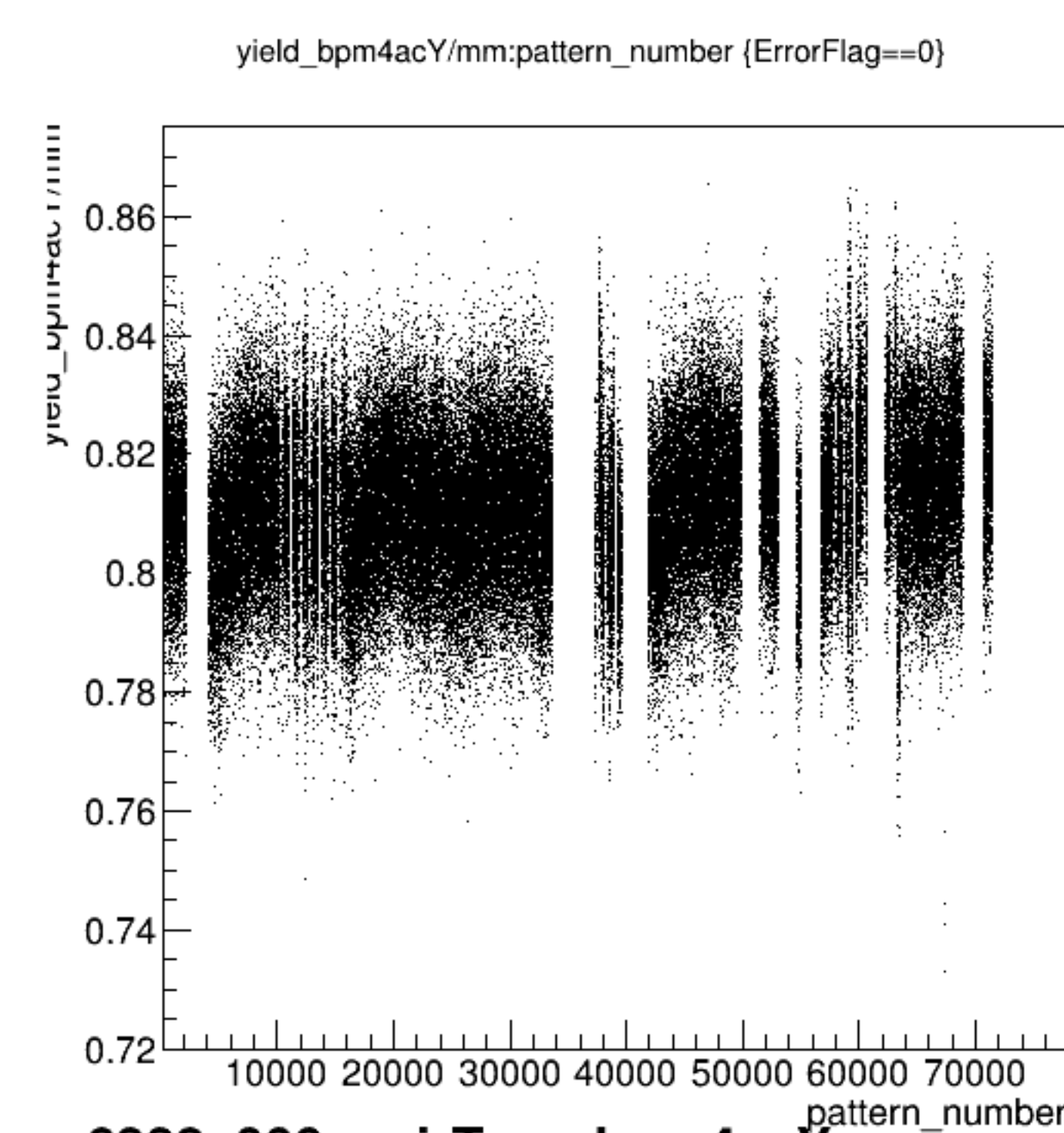


diff_bpm4acX/um:pattern_number {ErrorFlag==0}

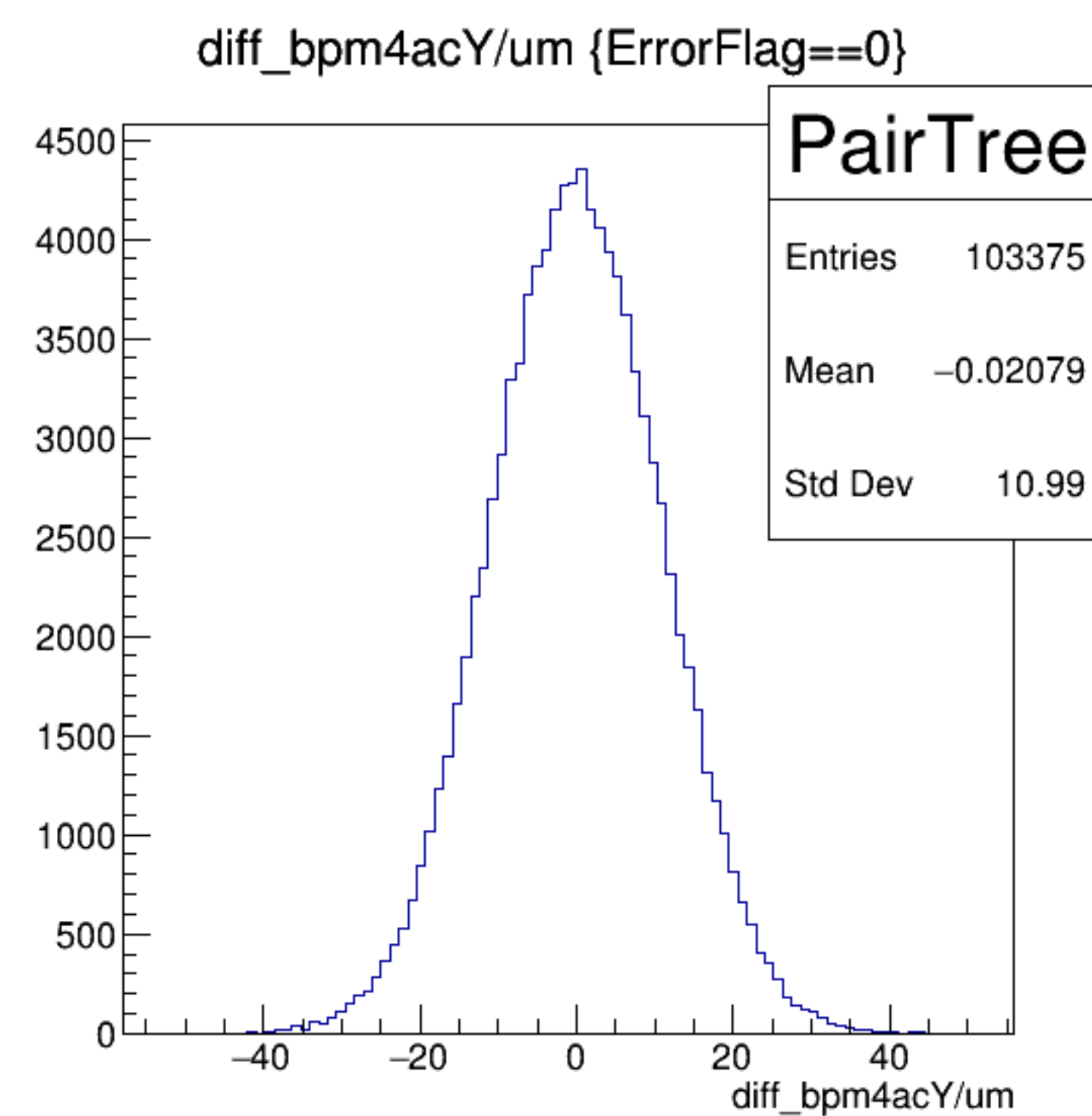
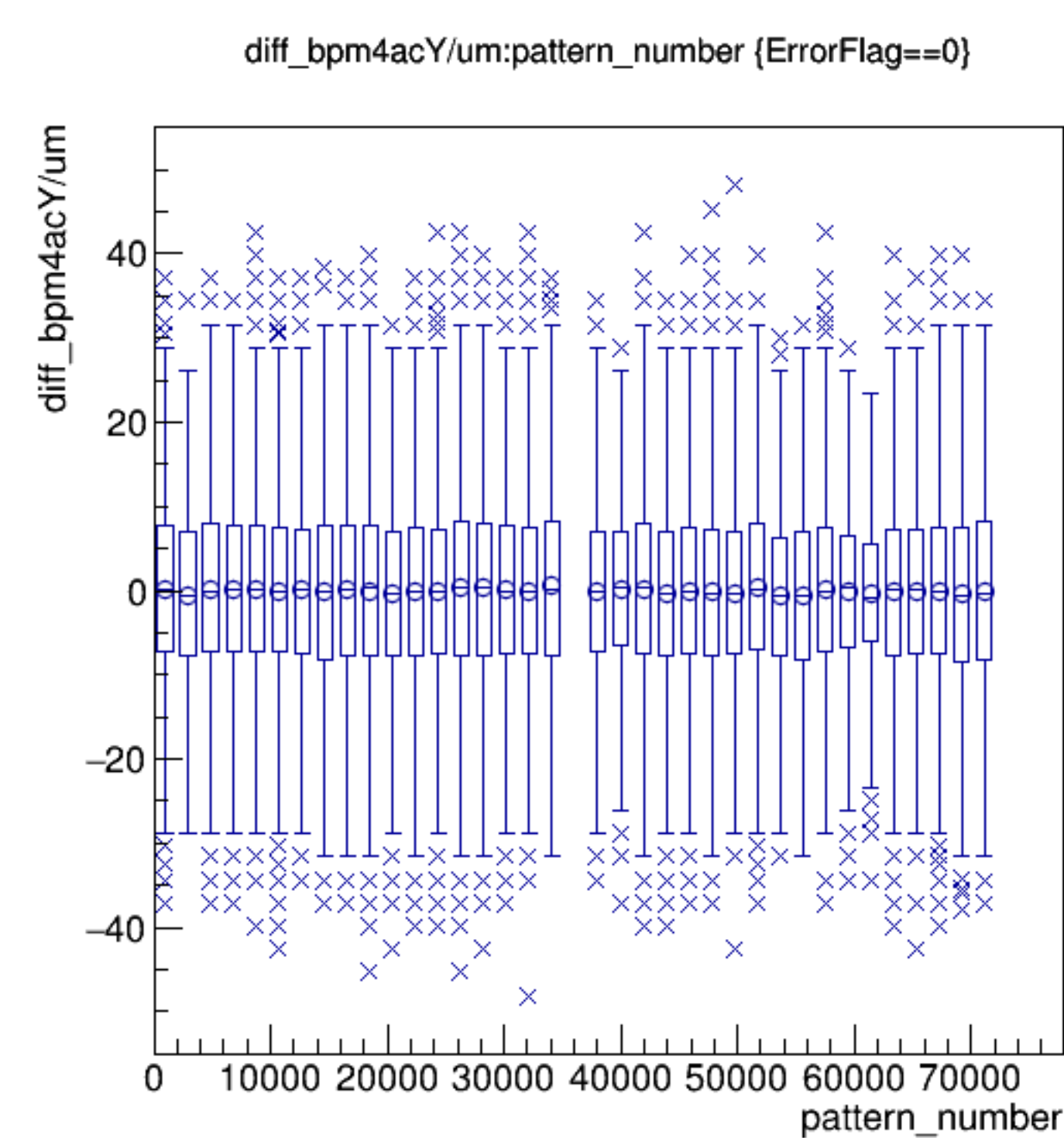
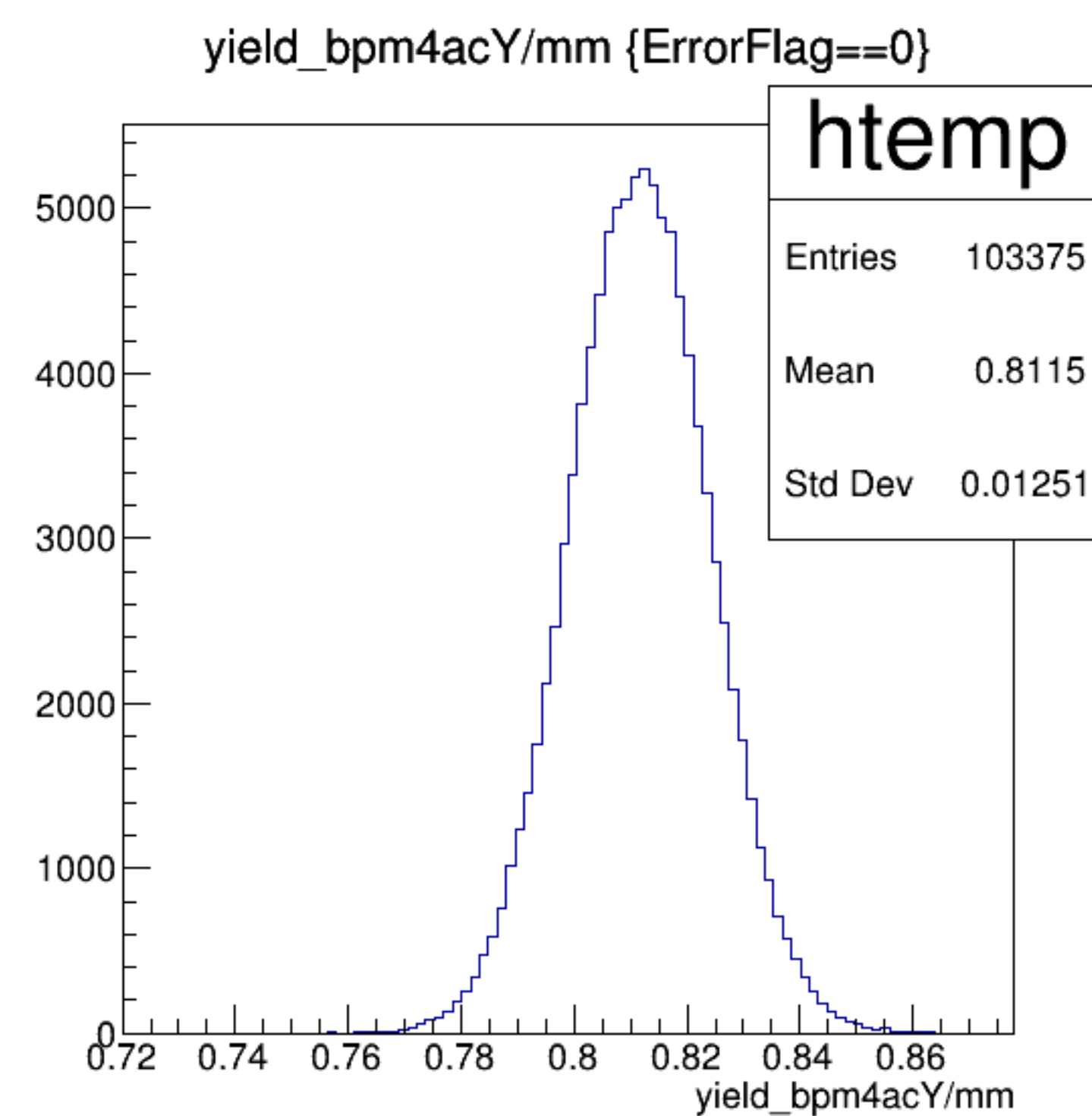


diff_bpm4acX/um {ErrorFlag==0}

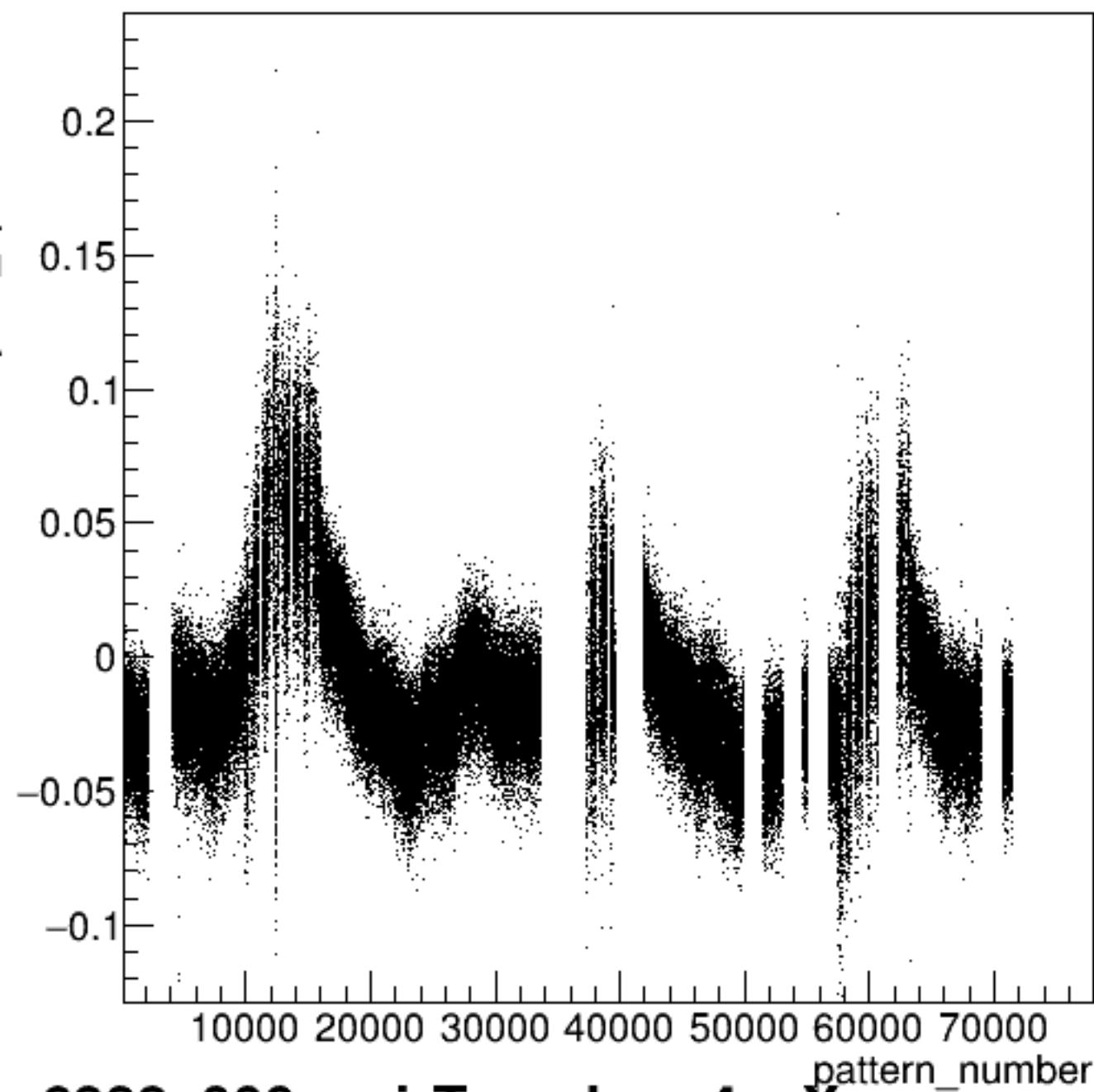




run6382_000_pairTree_bpm4acY.png

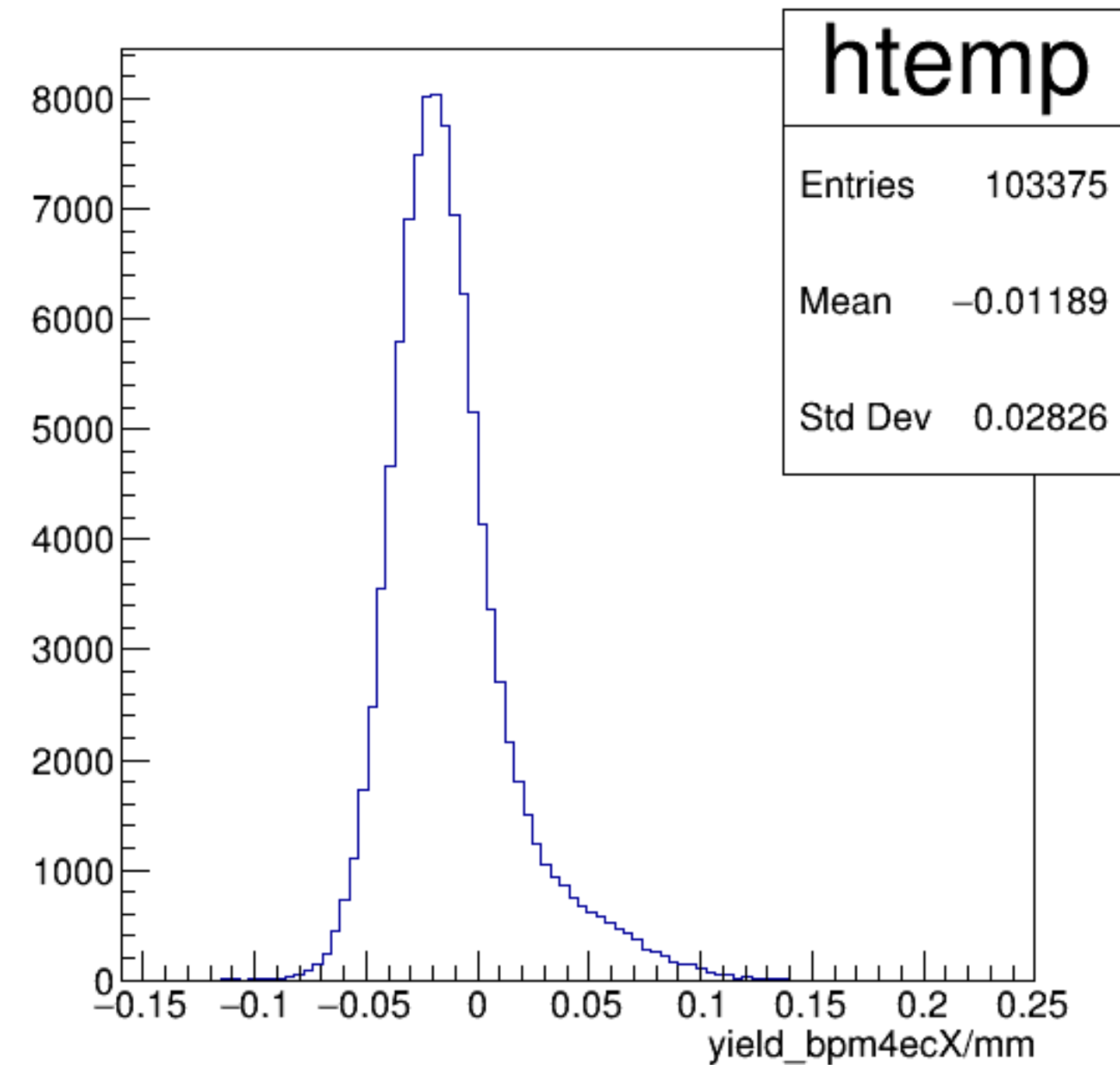


yield_bpm4ecX/mm:pattern_number {ErrorFlag==0}

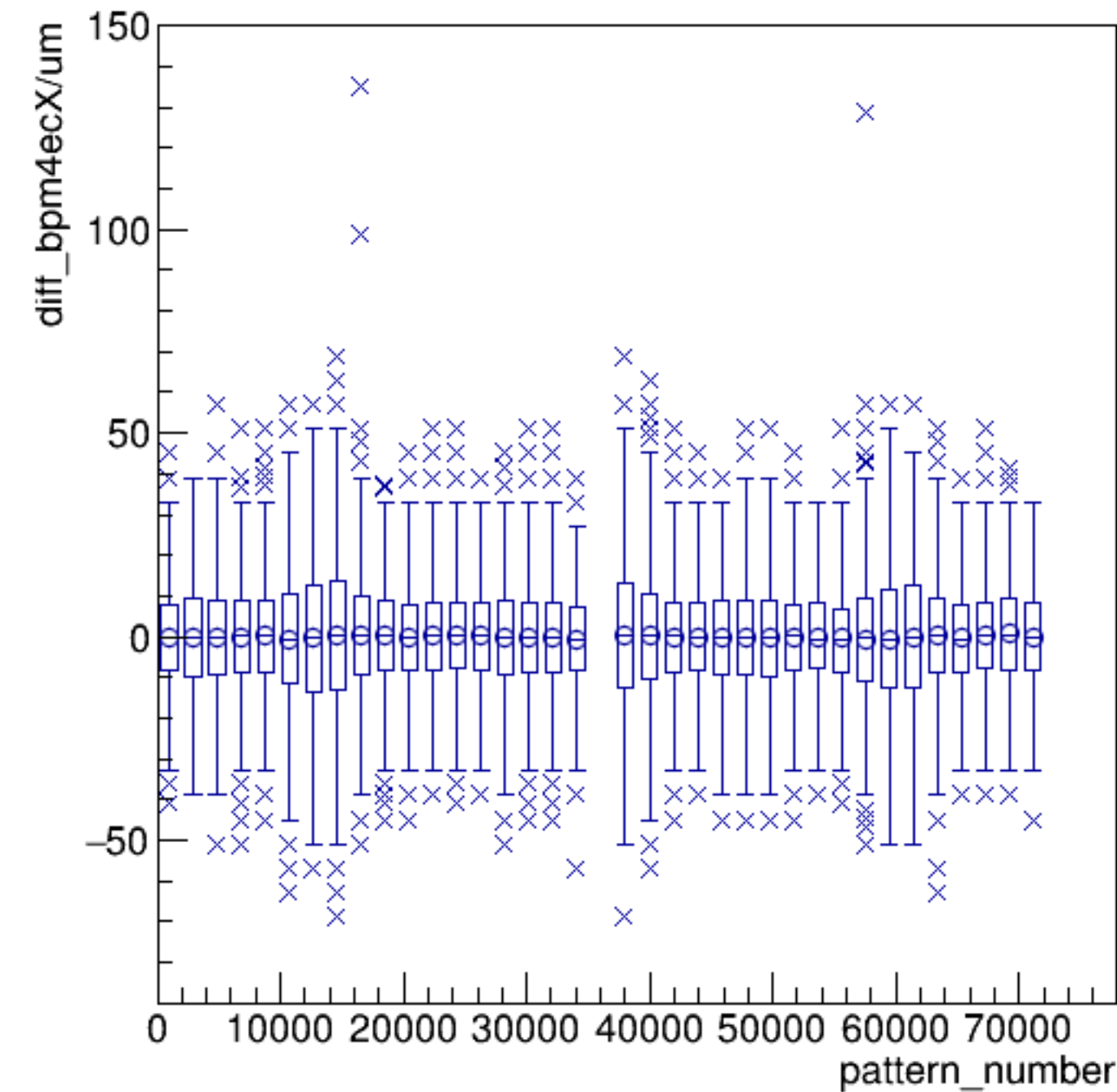


run6382_000_pairTree_bpm4ecX.png

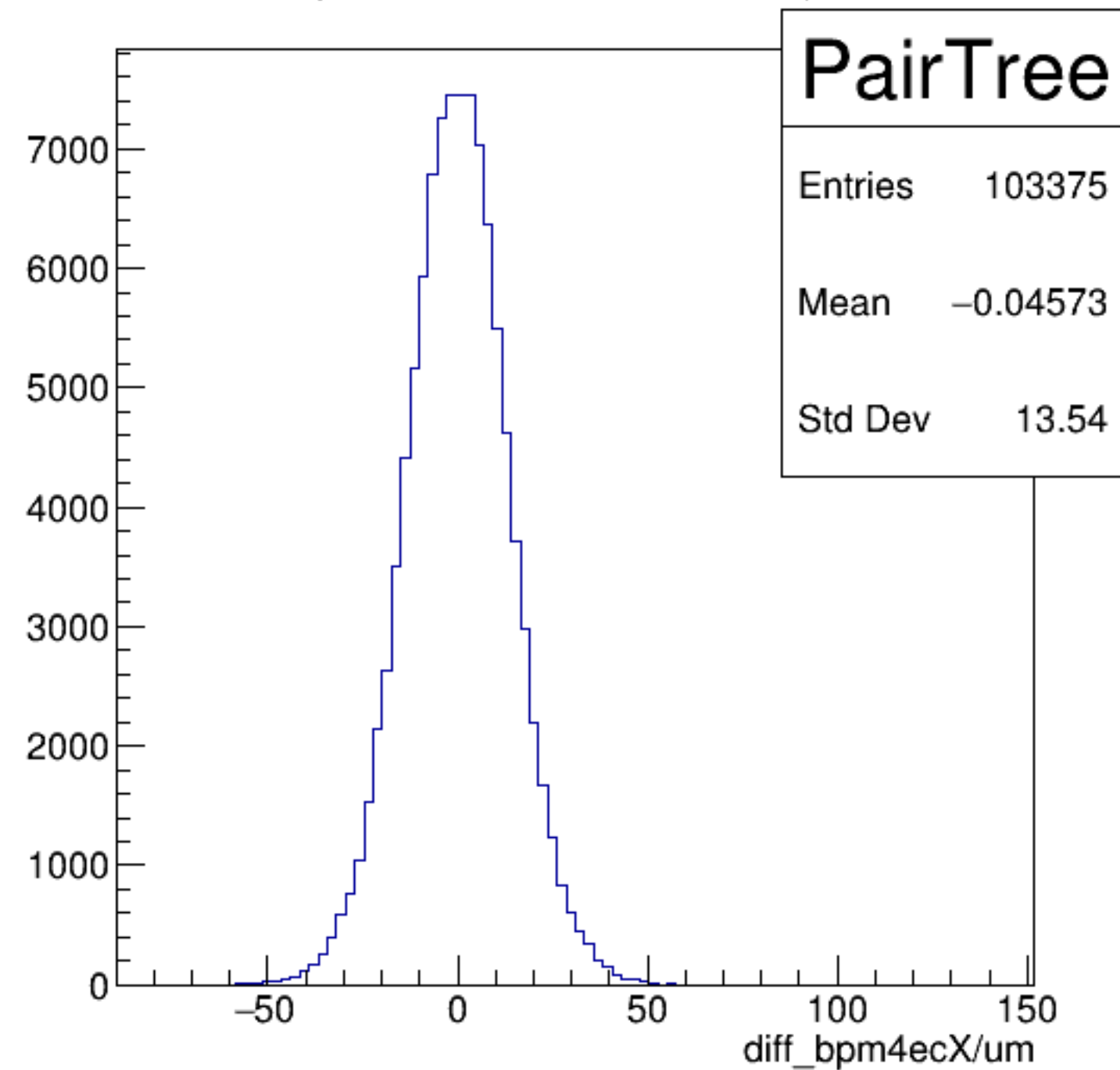
yield_bpm4ecX/mm {ErrorFlag==0}

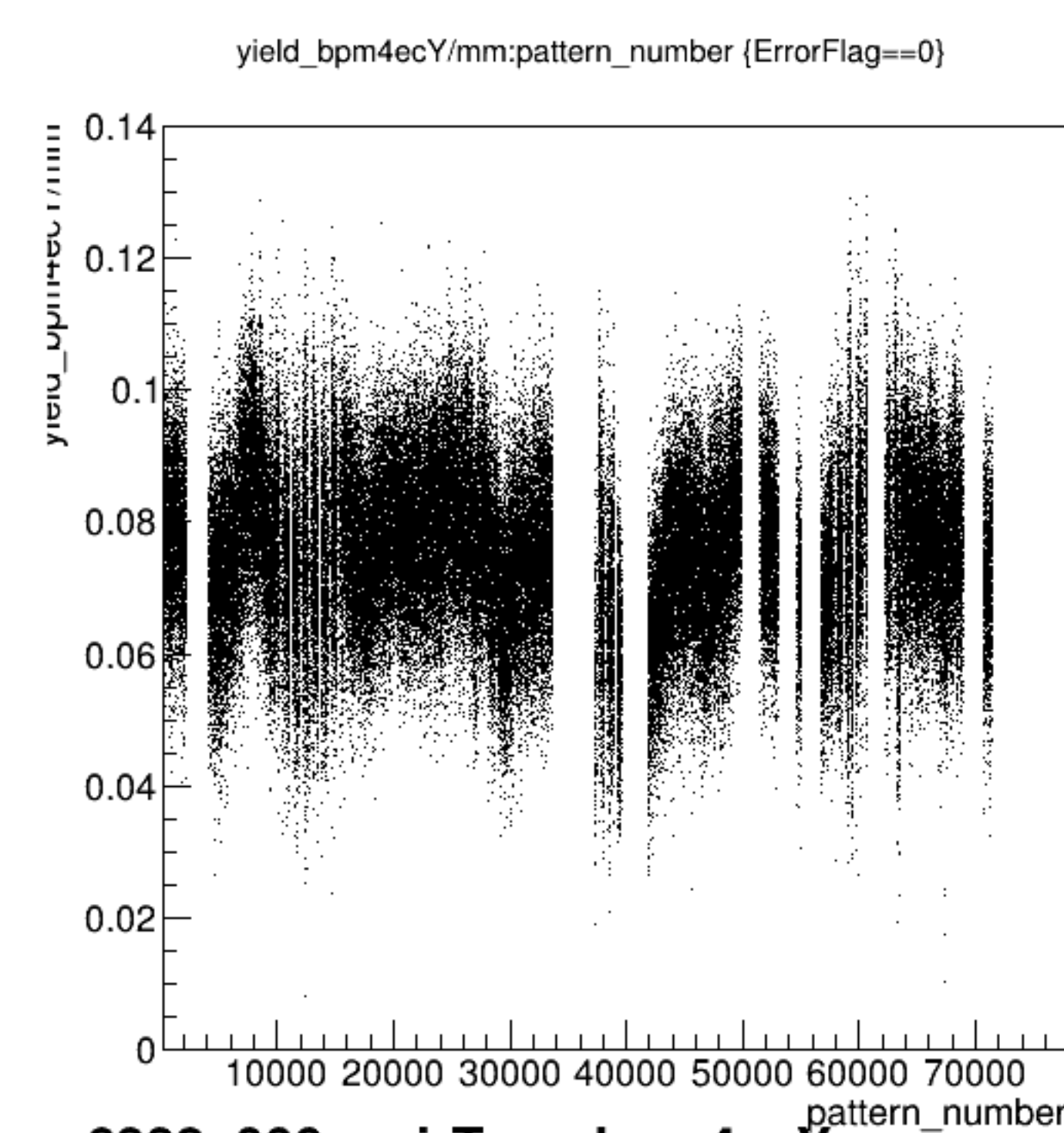


diff_bpm4ecX/um:pattern_number {ErrorFlag==0}

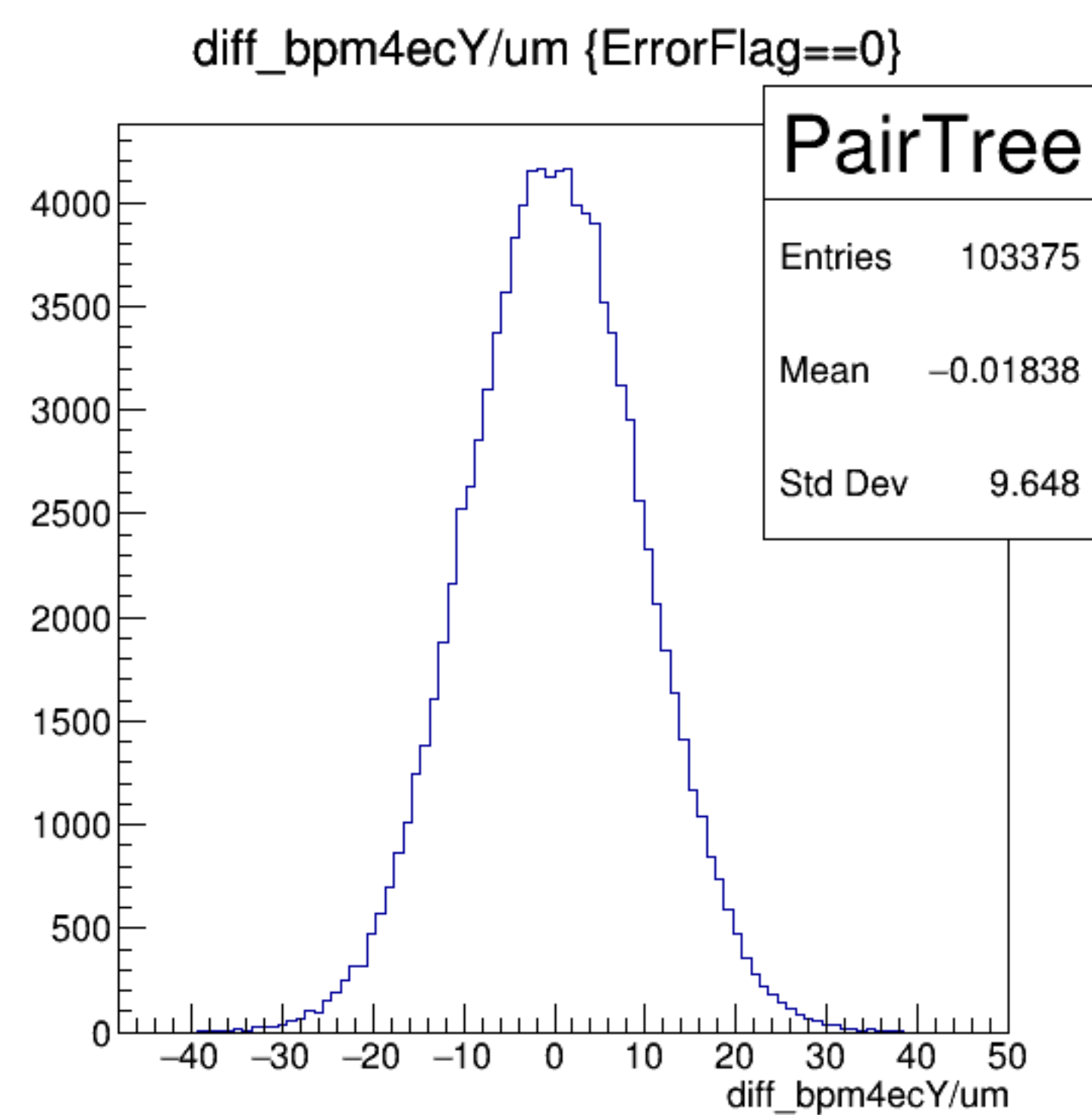
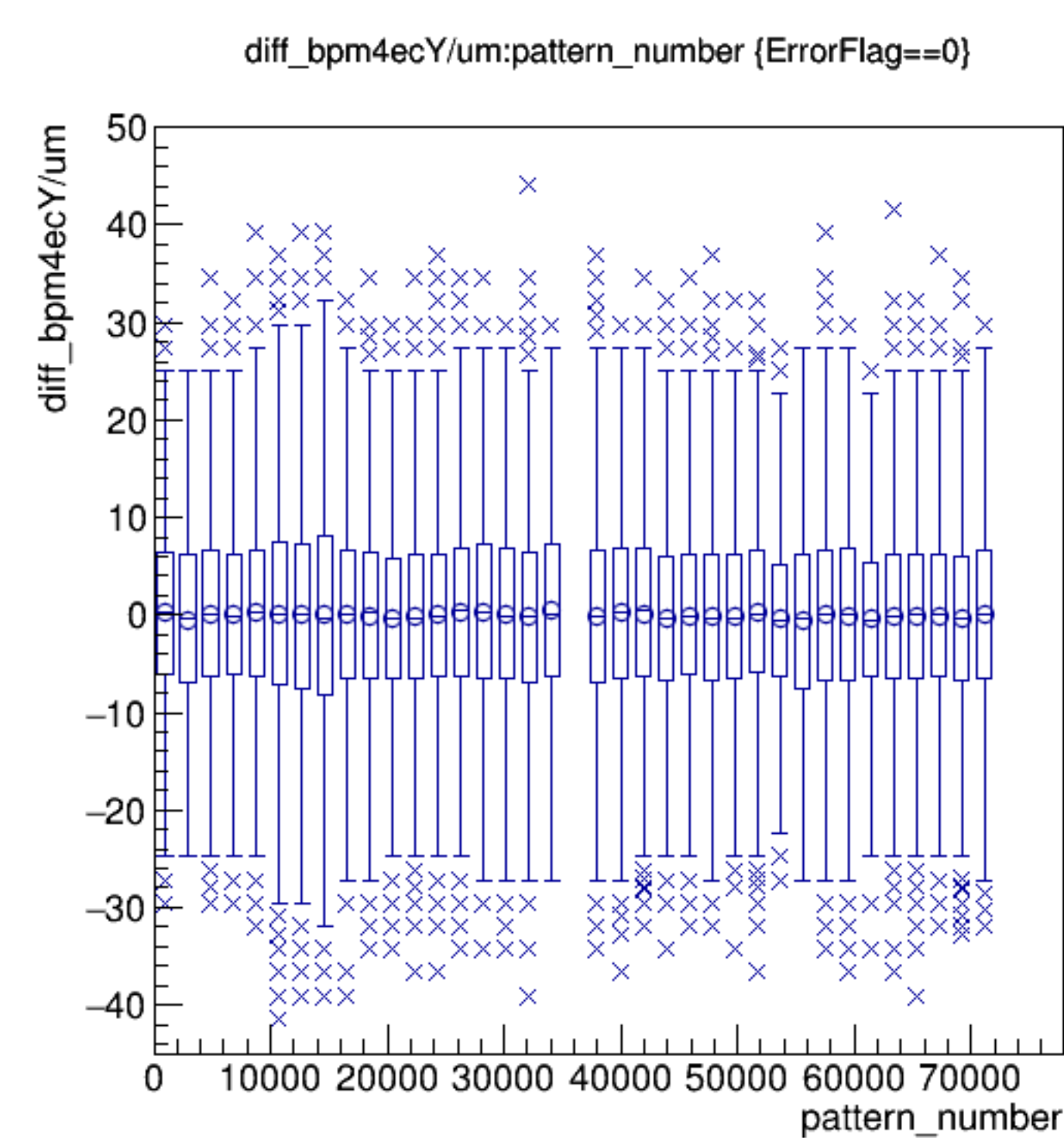
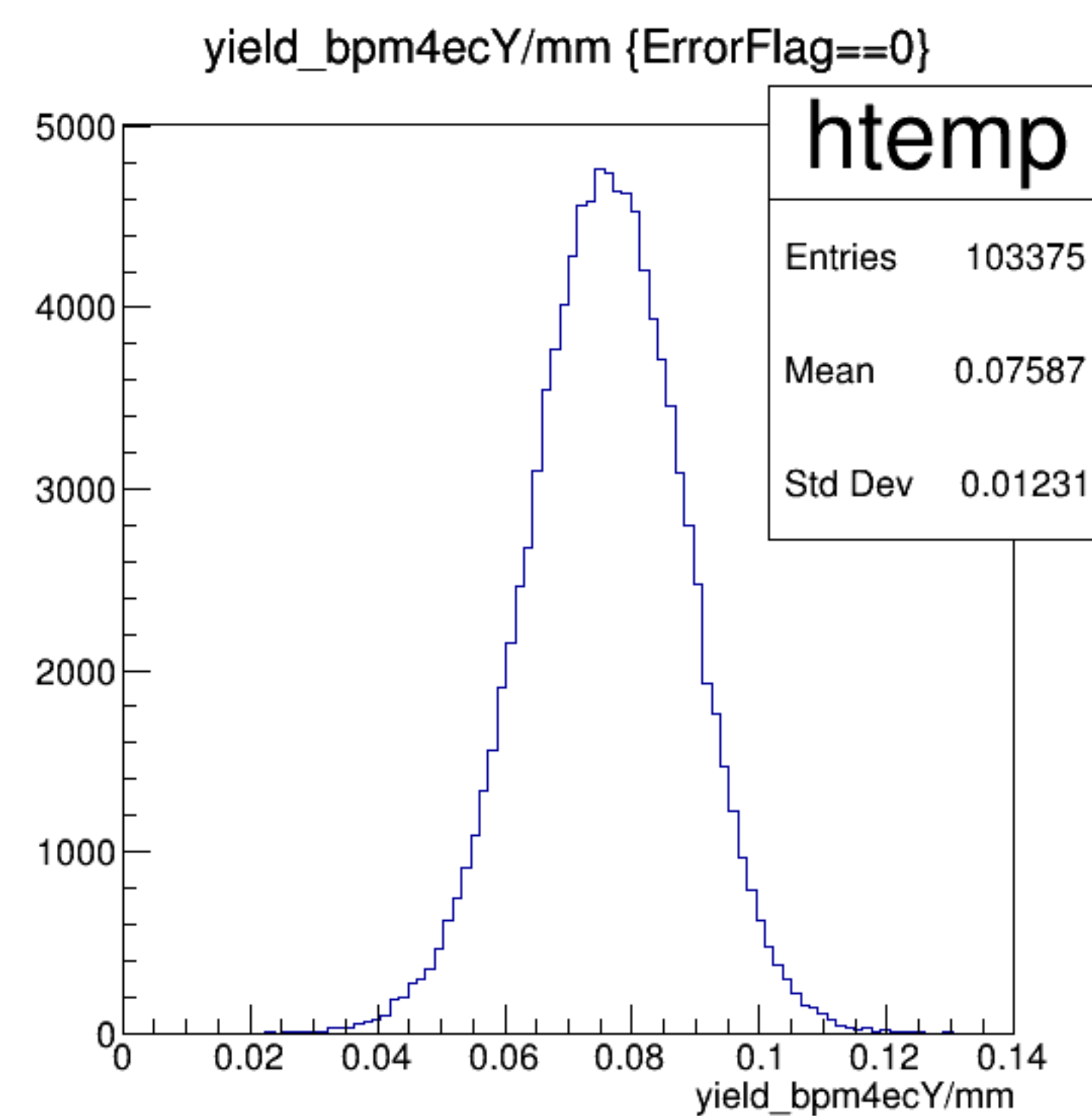


diff_bpm4ecX/um {ErrorFlag==0}

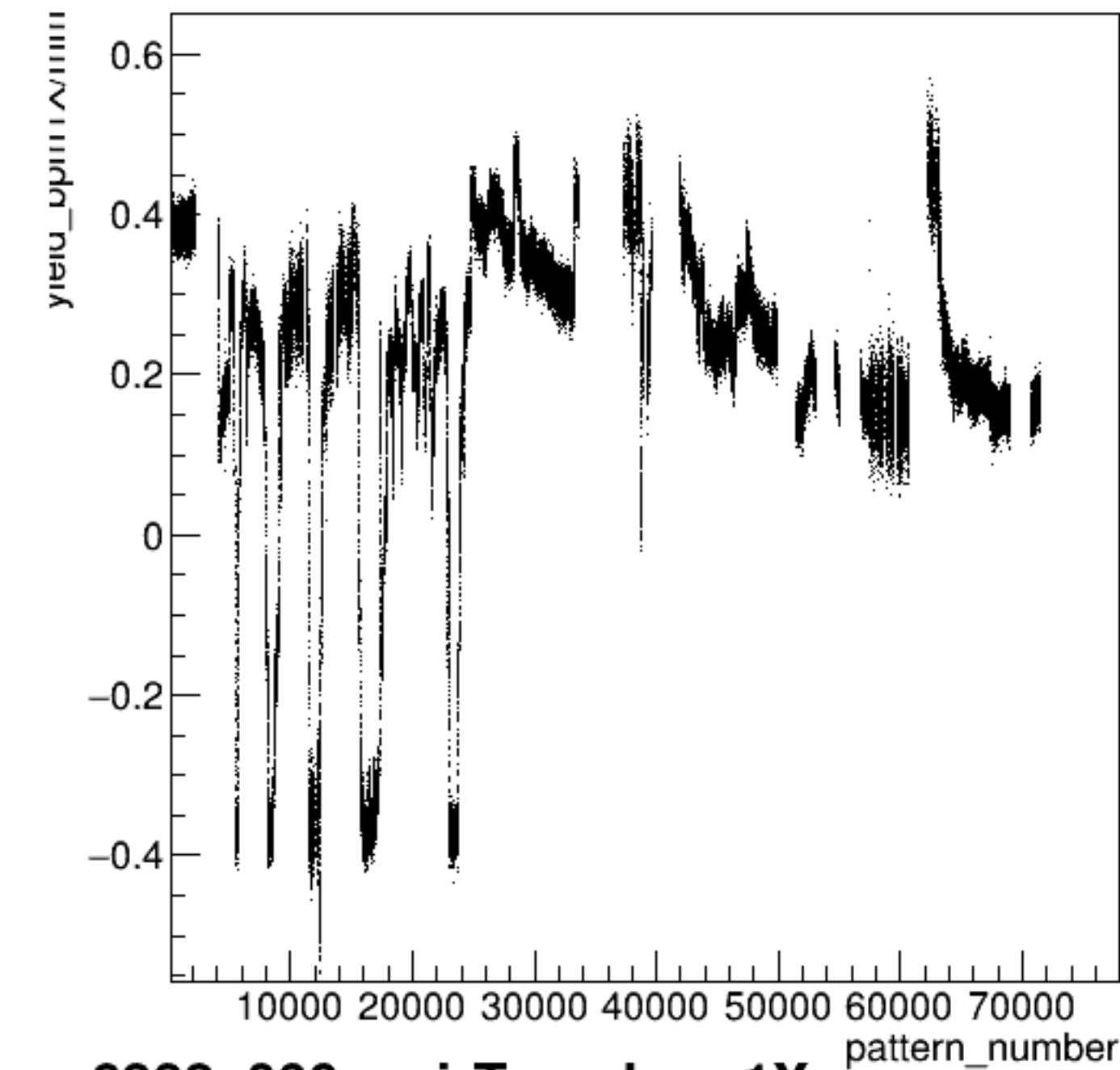




run6382_000_pairTree_bpm4ecY.png

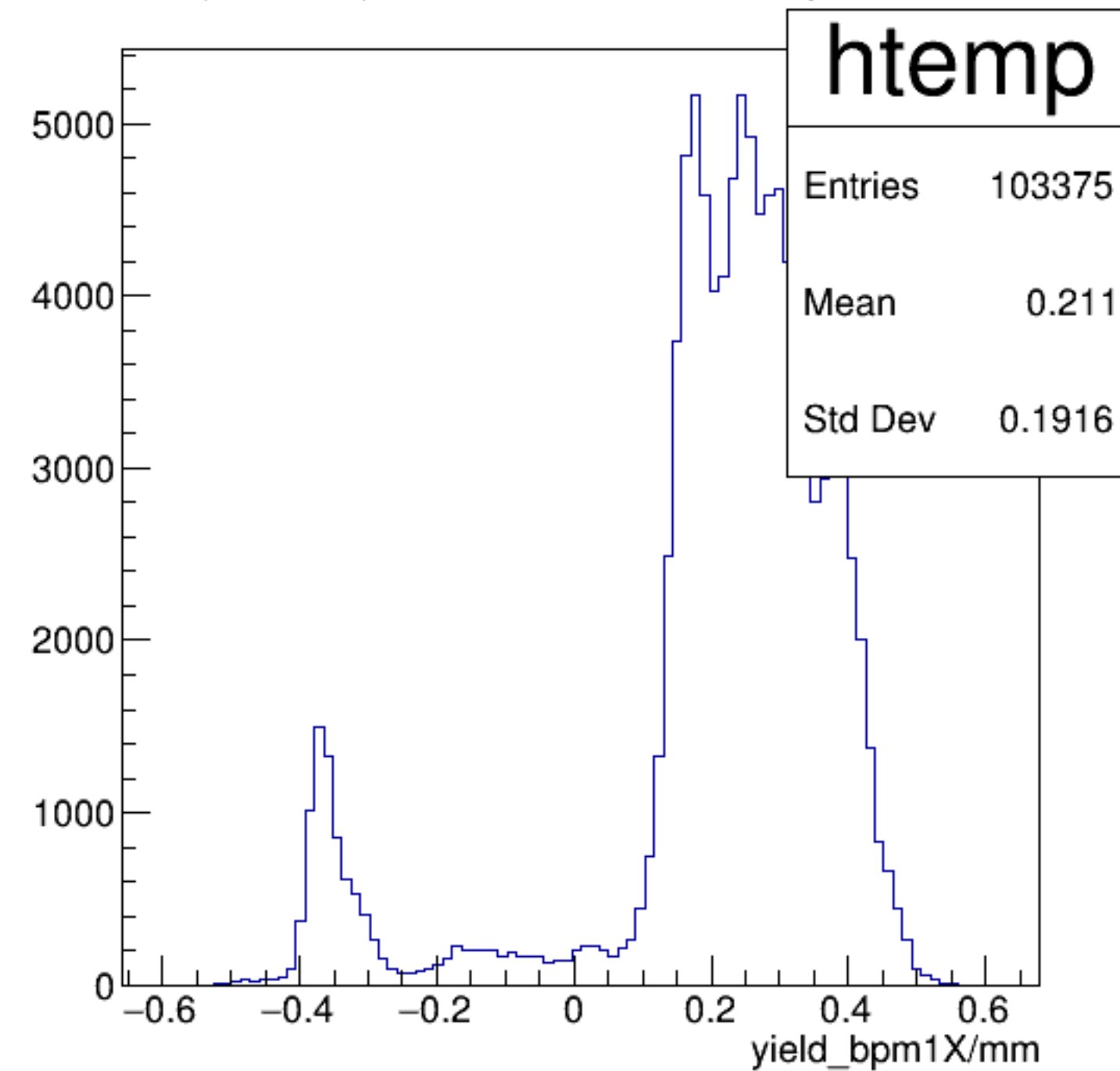


yield_bpm1X/mm:pattern_number {ErrorFlag==0}

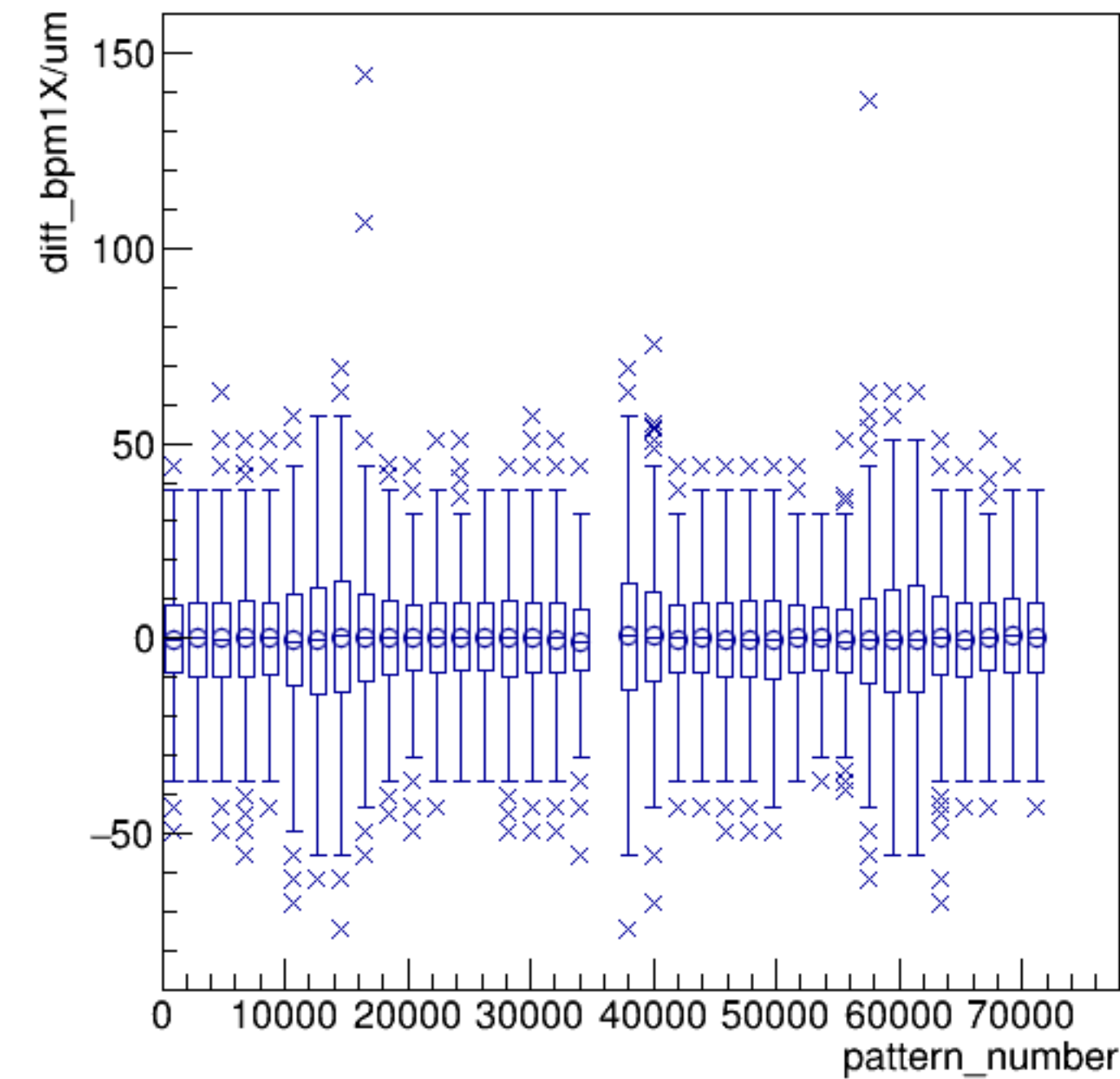


run6382_000_pairTree_bpm1X.png

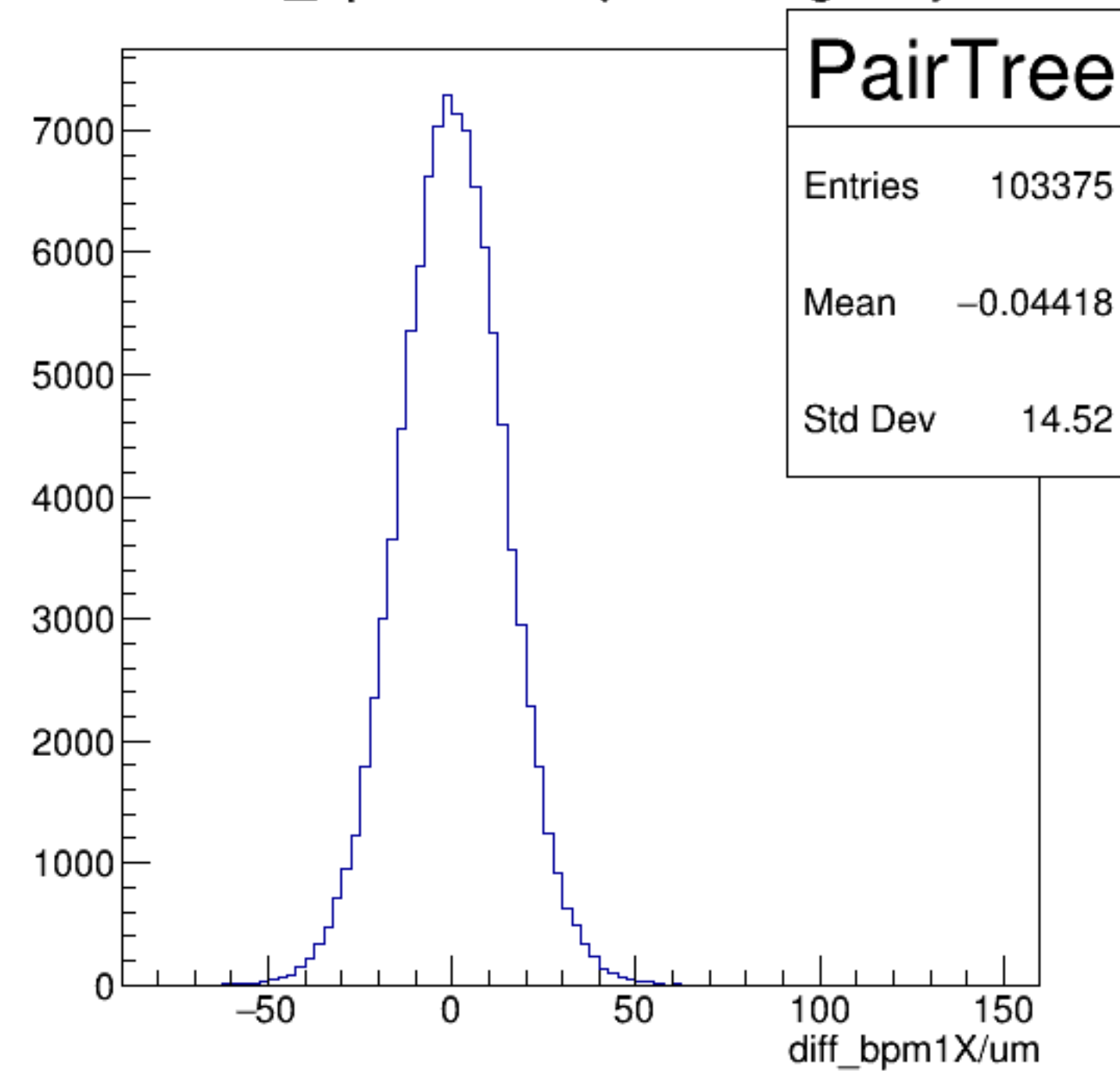
yield_bpm1X/mm {ErrorFlag==0}

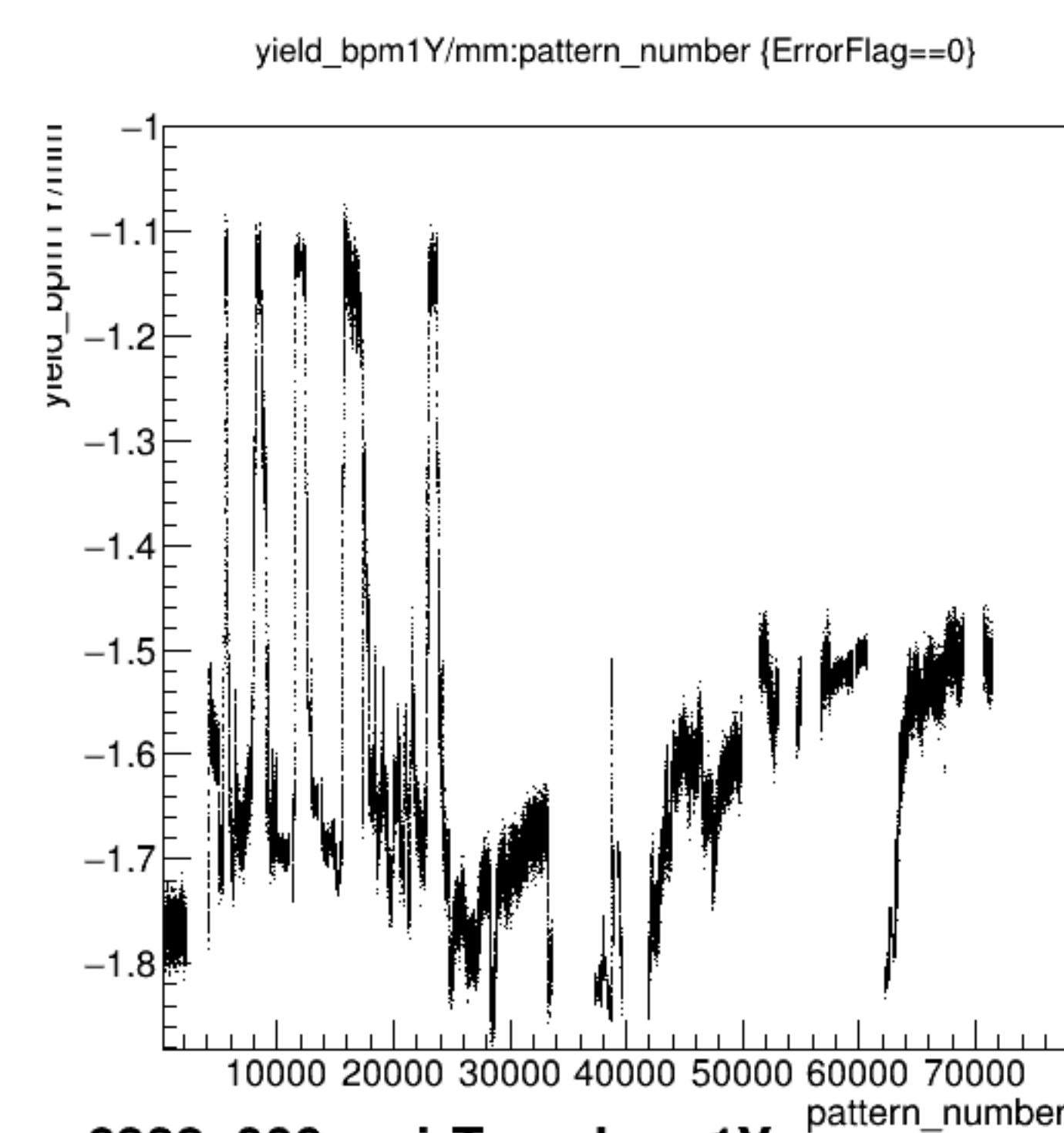


diff_bpm1X/um:pattern_number {ErrorFlag==0}

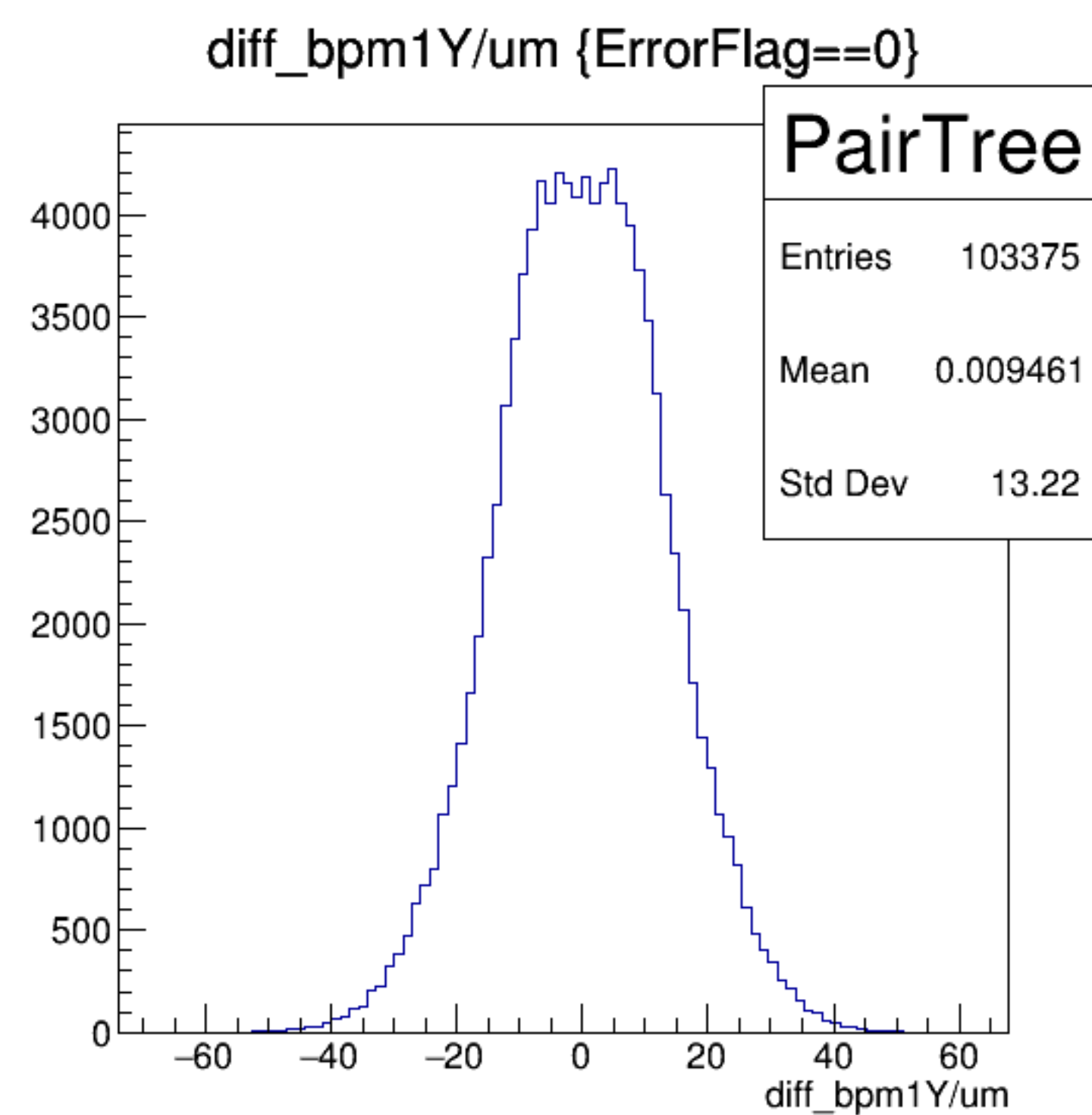
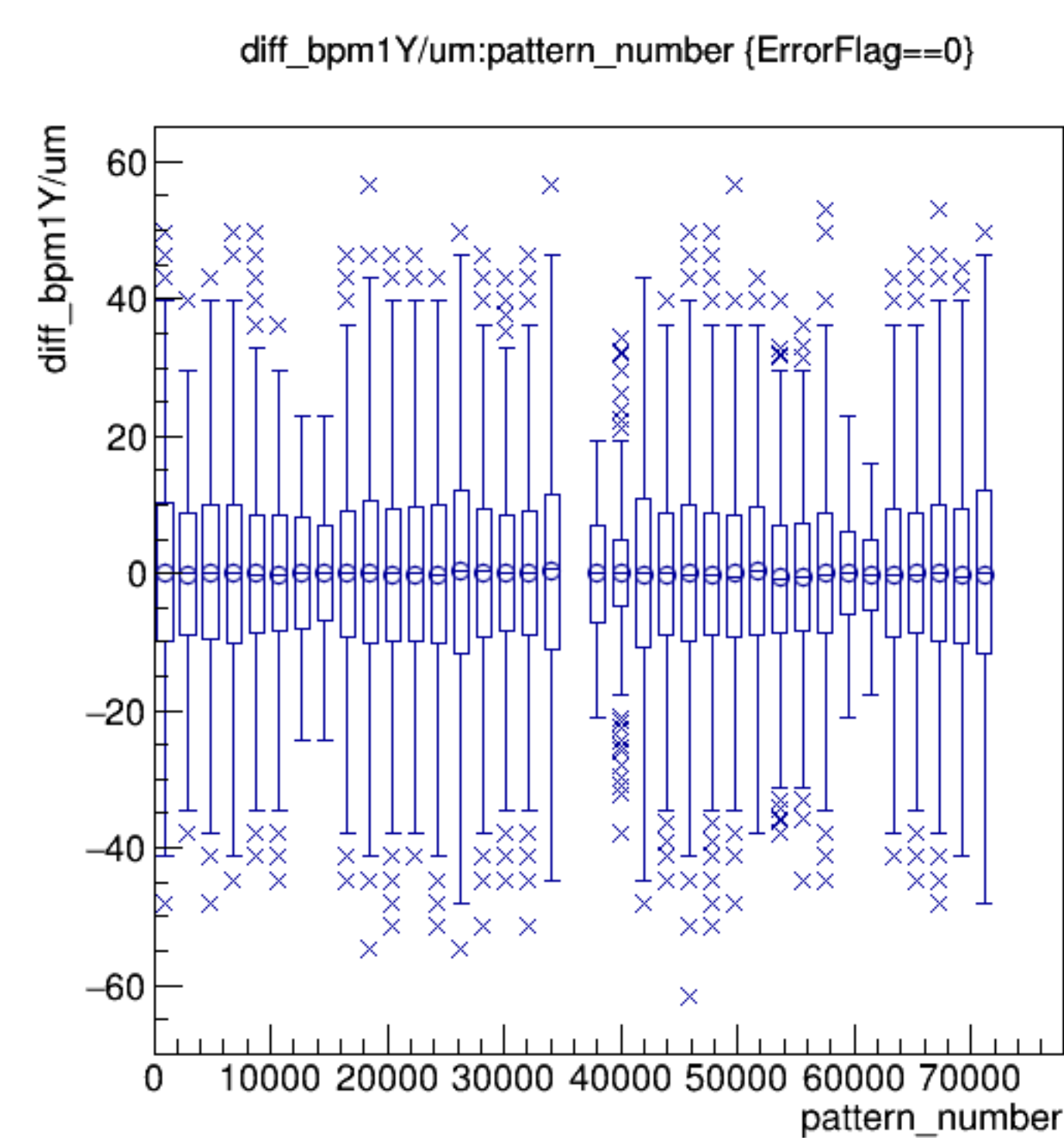
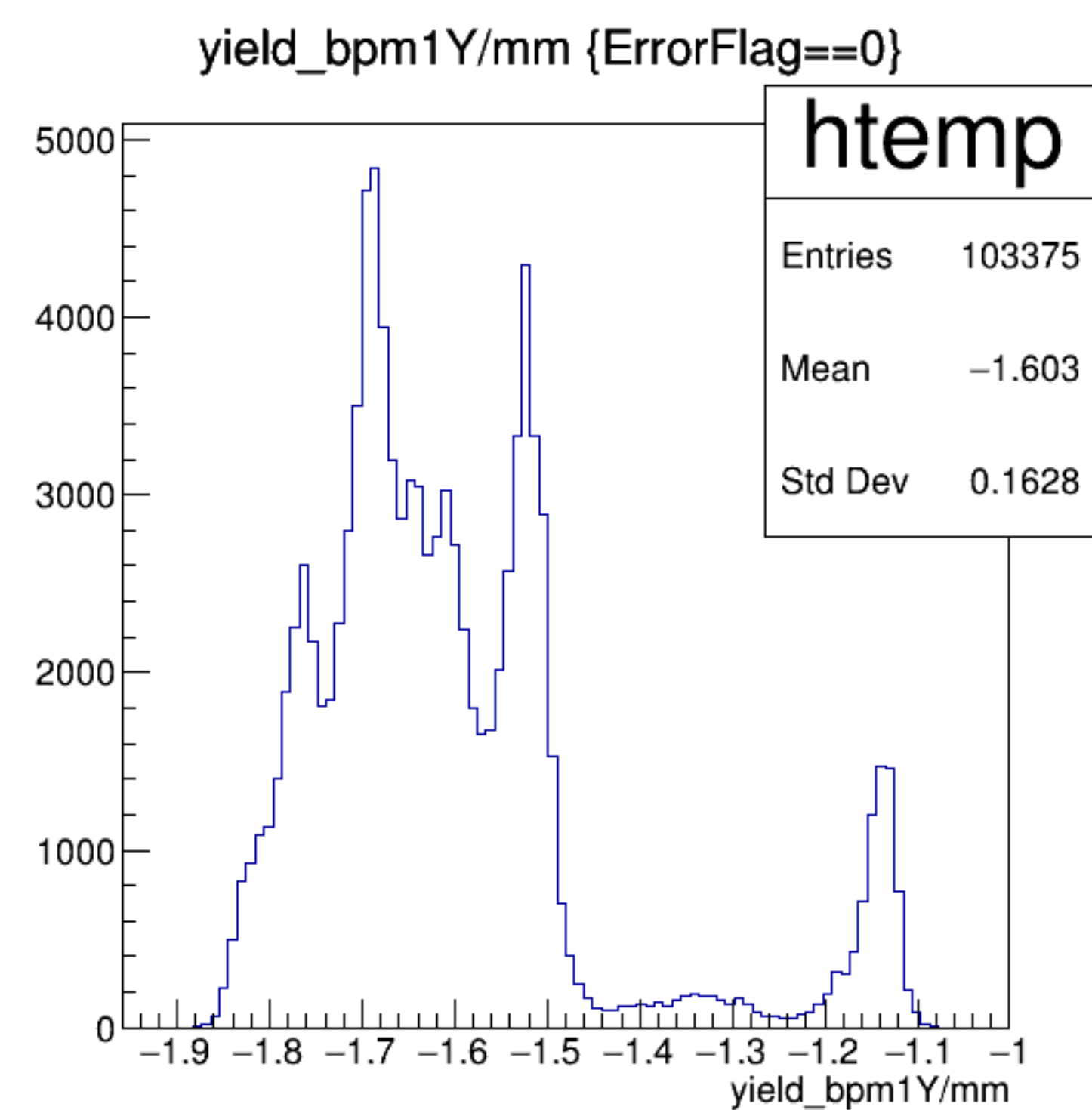


diff_bpm1X/um {ErrorFlag==0}

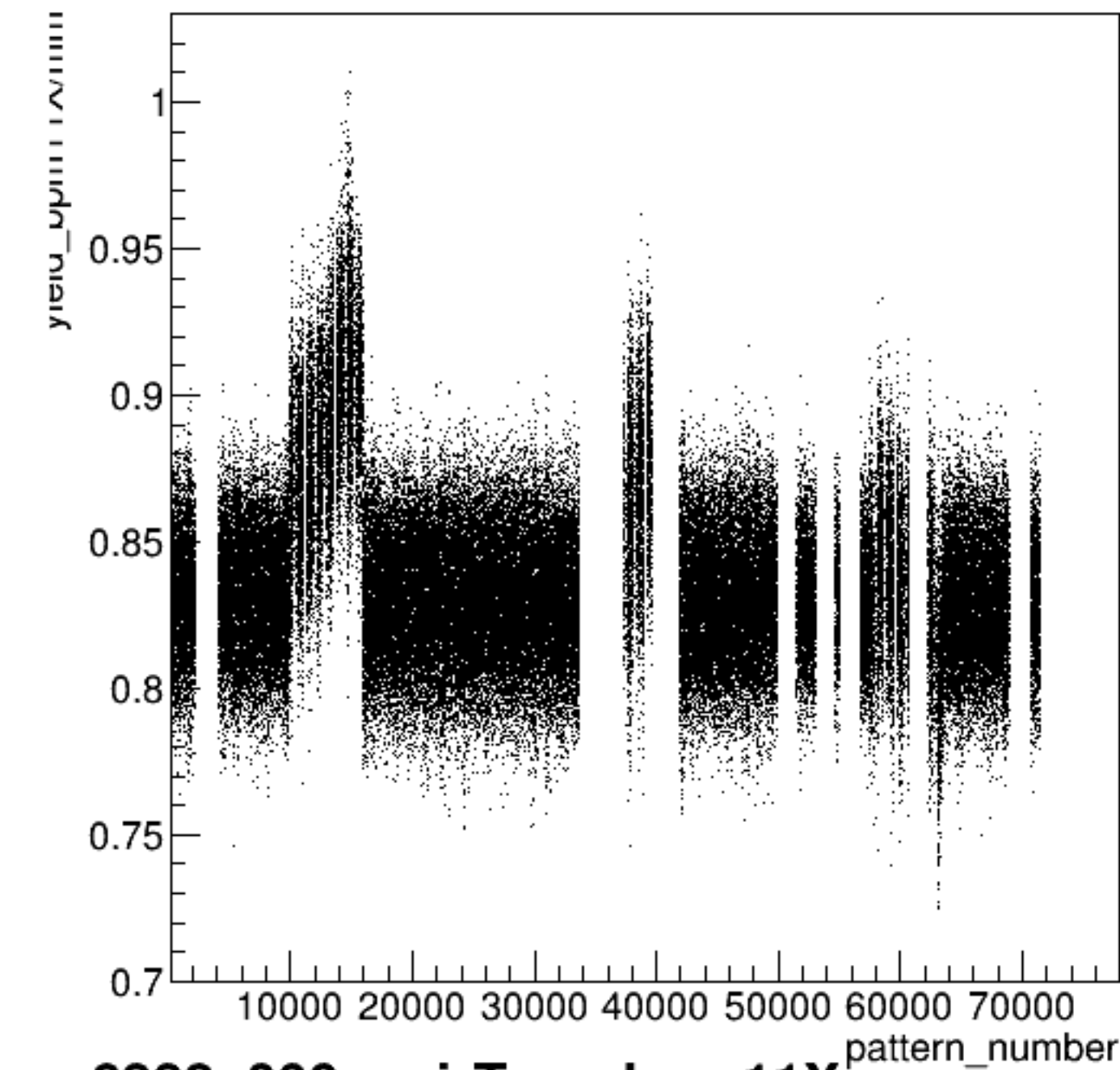




run6382_000_pairTree_bpm1Y.png

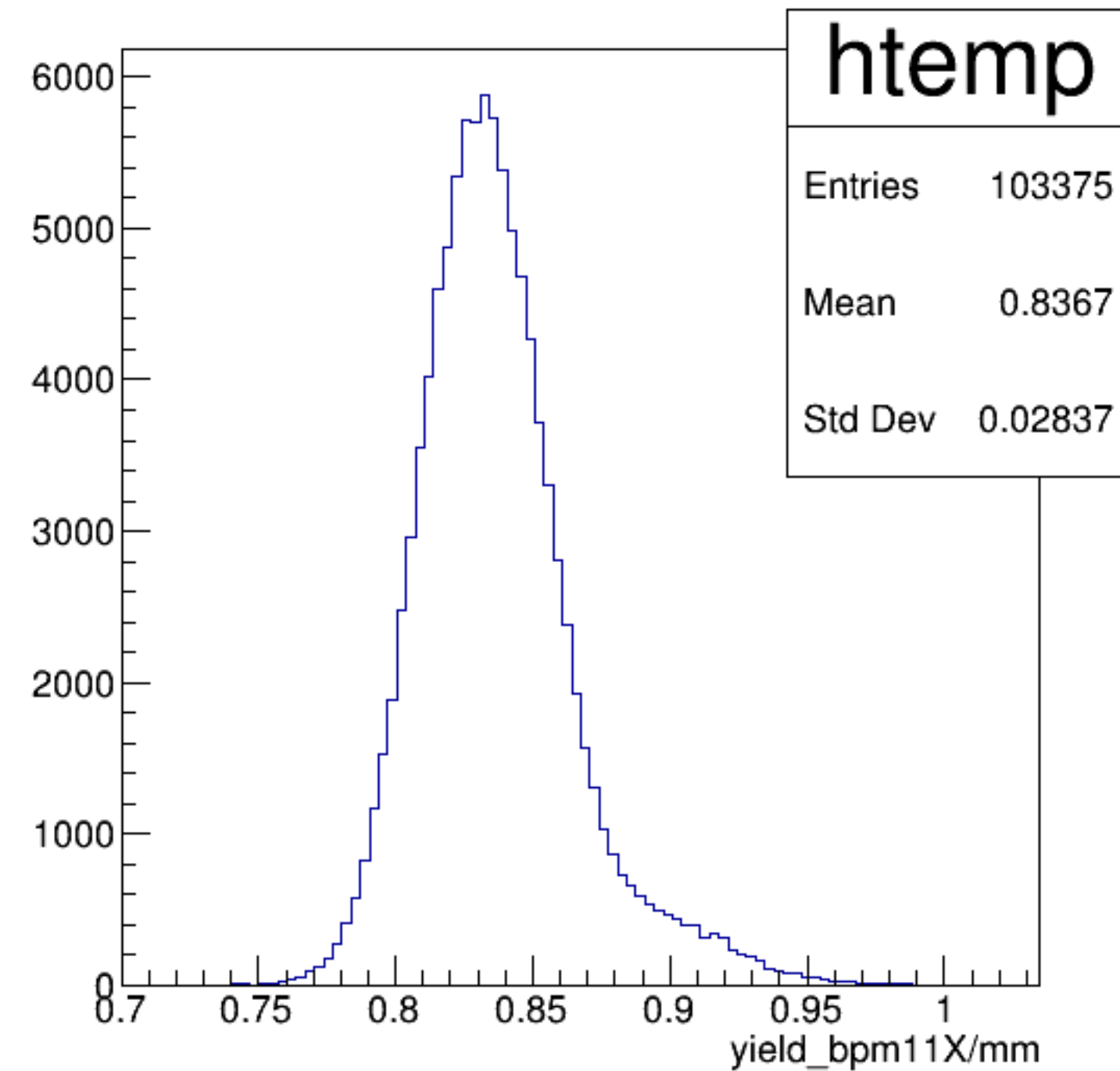


yield_bpm11X/mm:pattern_number {ErrorFlag==0}

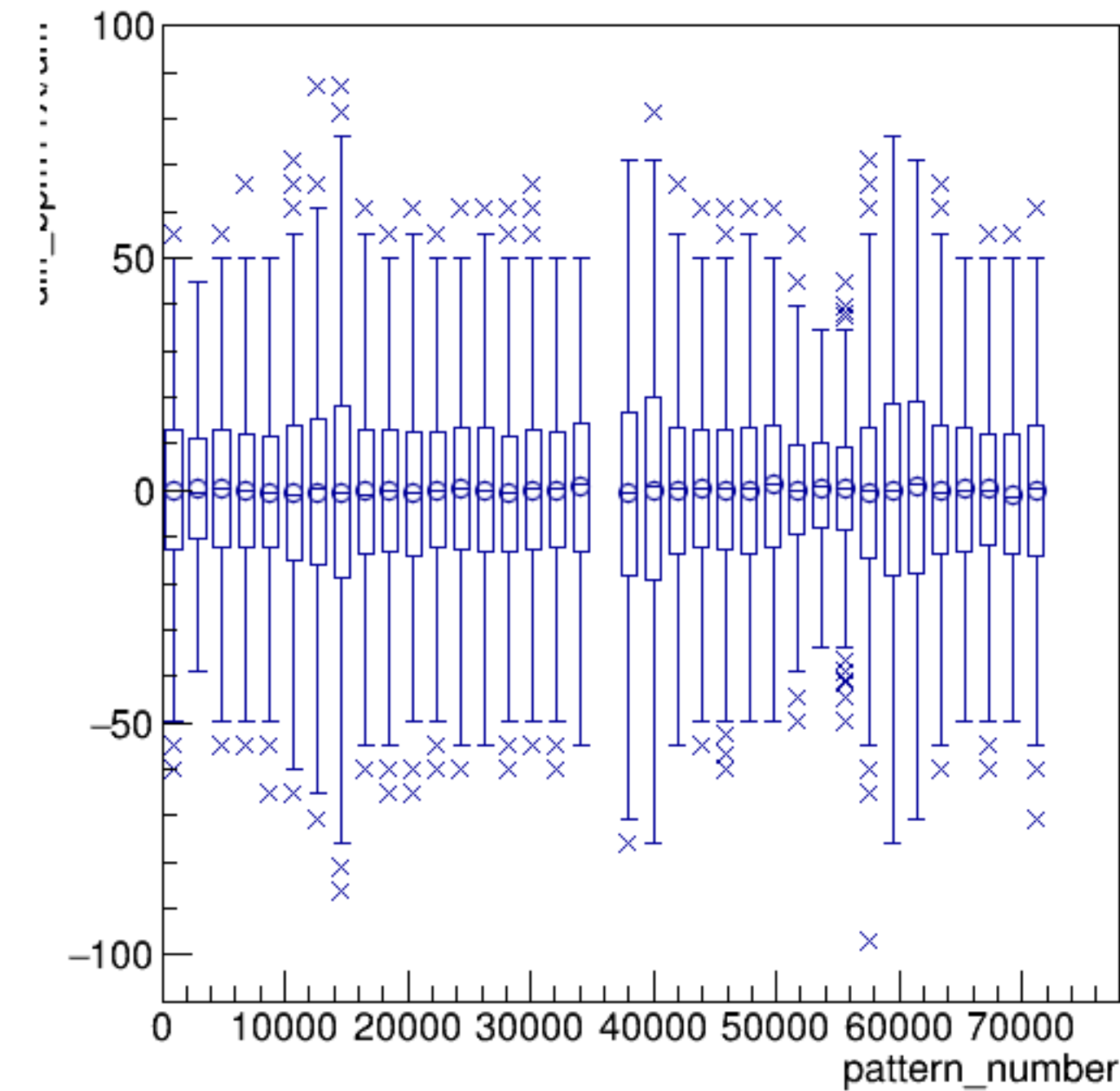


run6382_000_pairTree_bpm11X.png

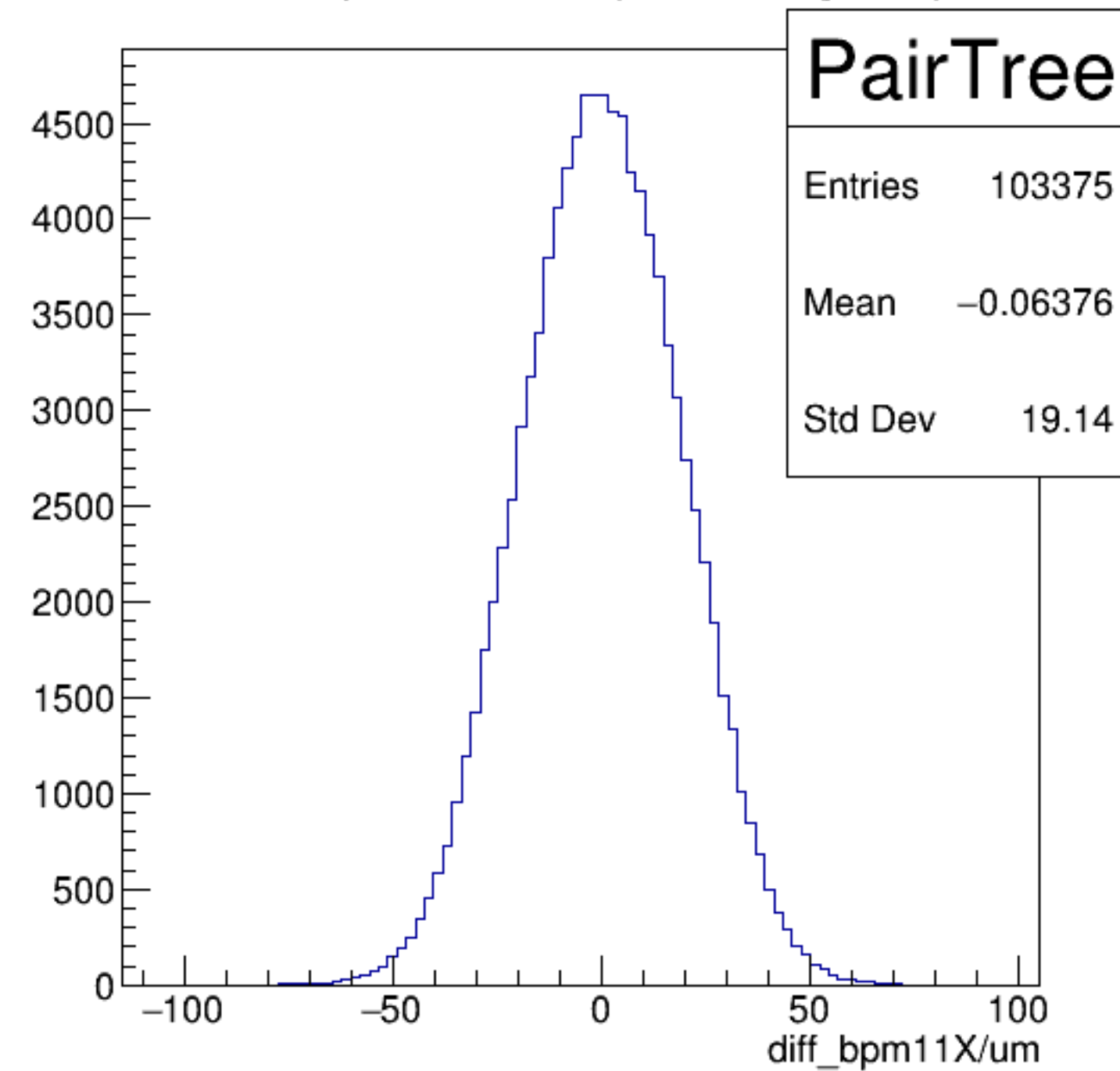
yield_bpm11X/mm {ErrorFlag==0}



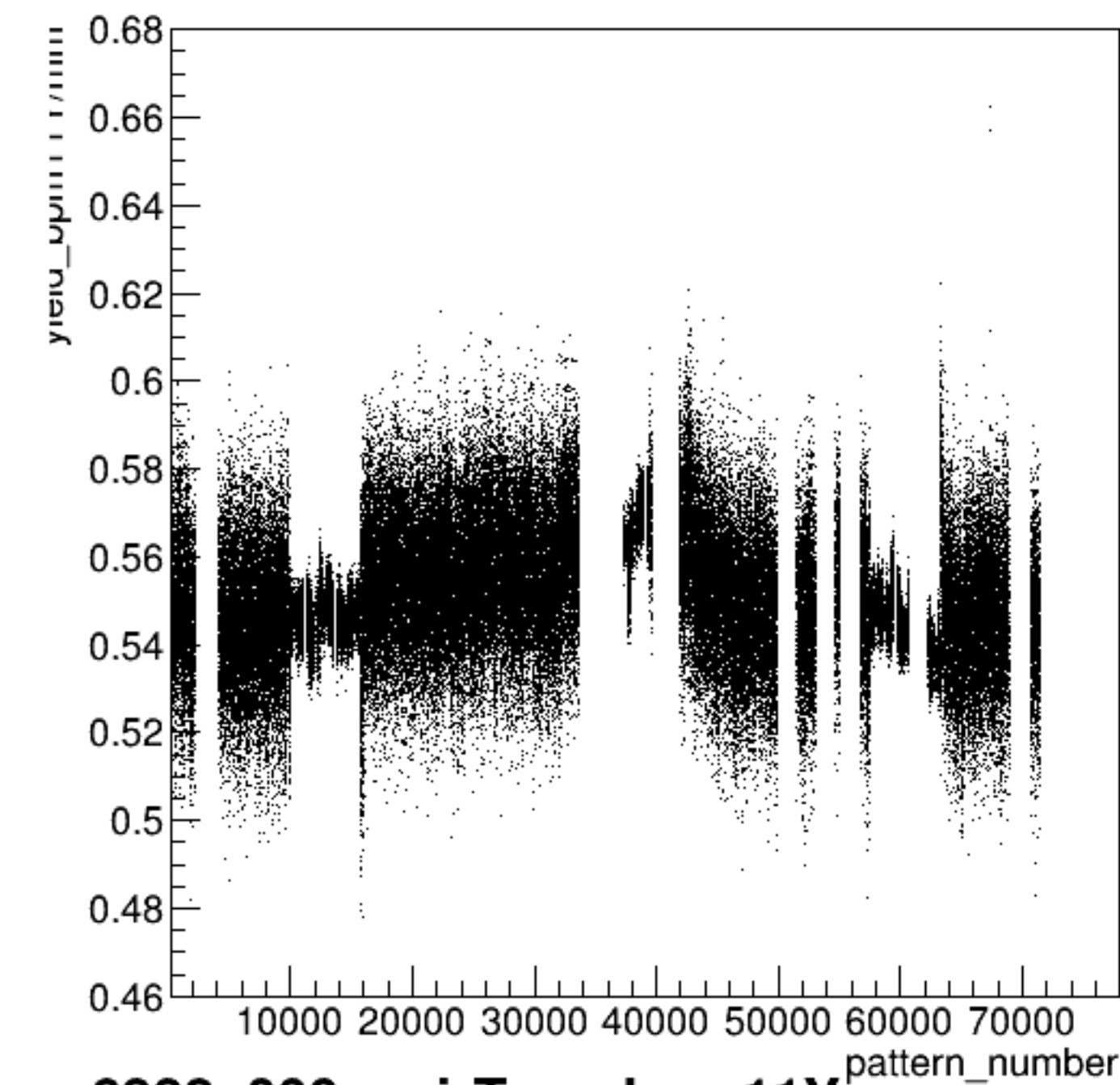
diff_bpm11X/um:pattern_number {ErrorFlag==0}



diff_bpm11X/um {ErrorFlag==0}

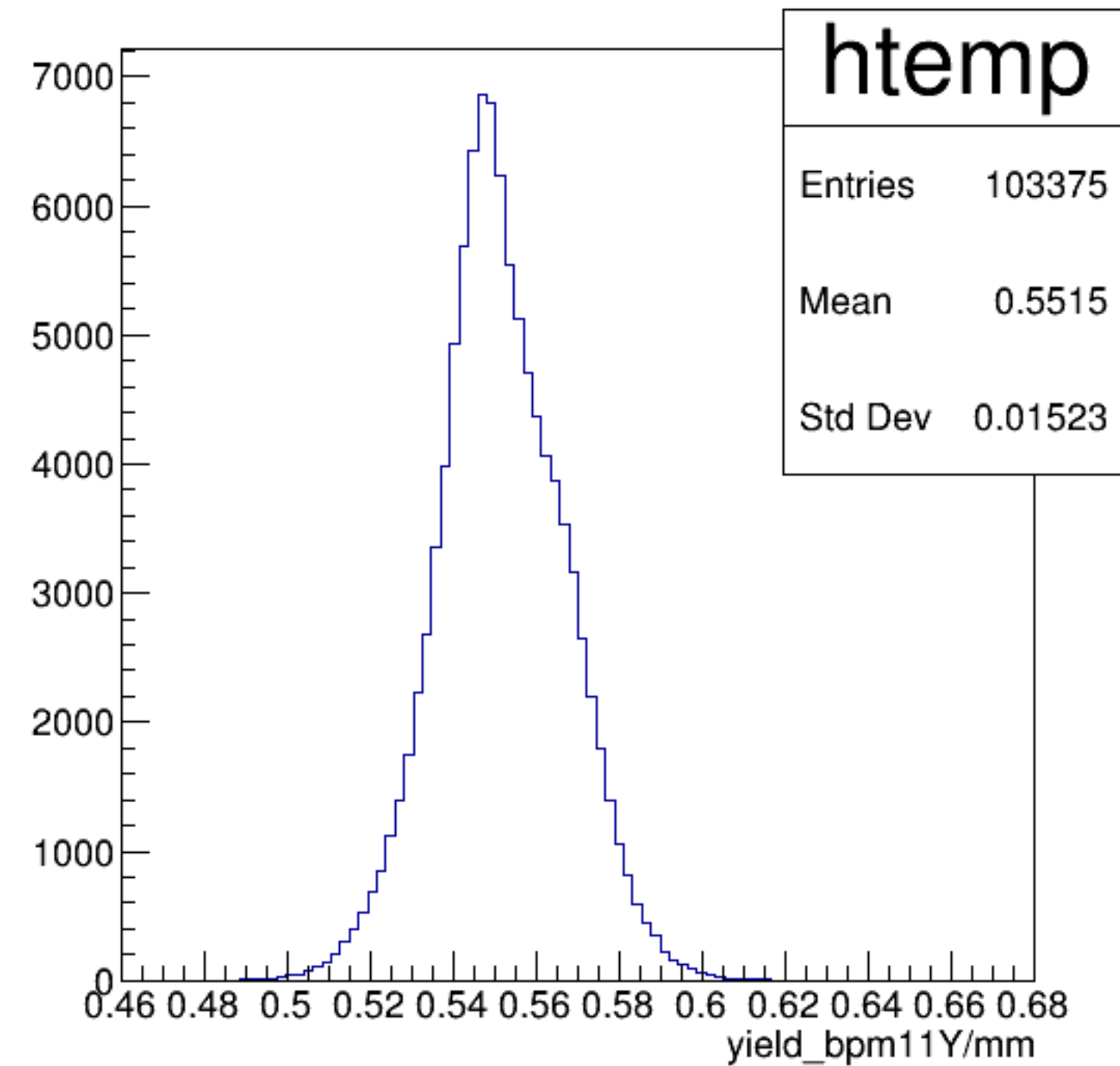


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

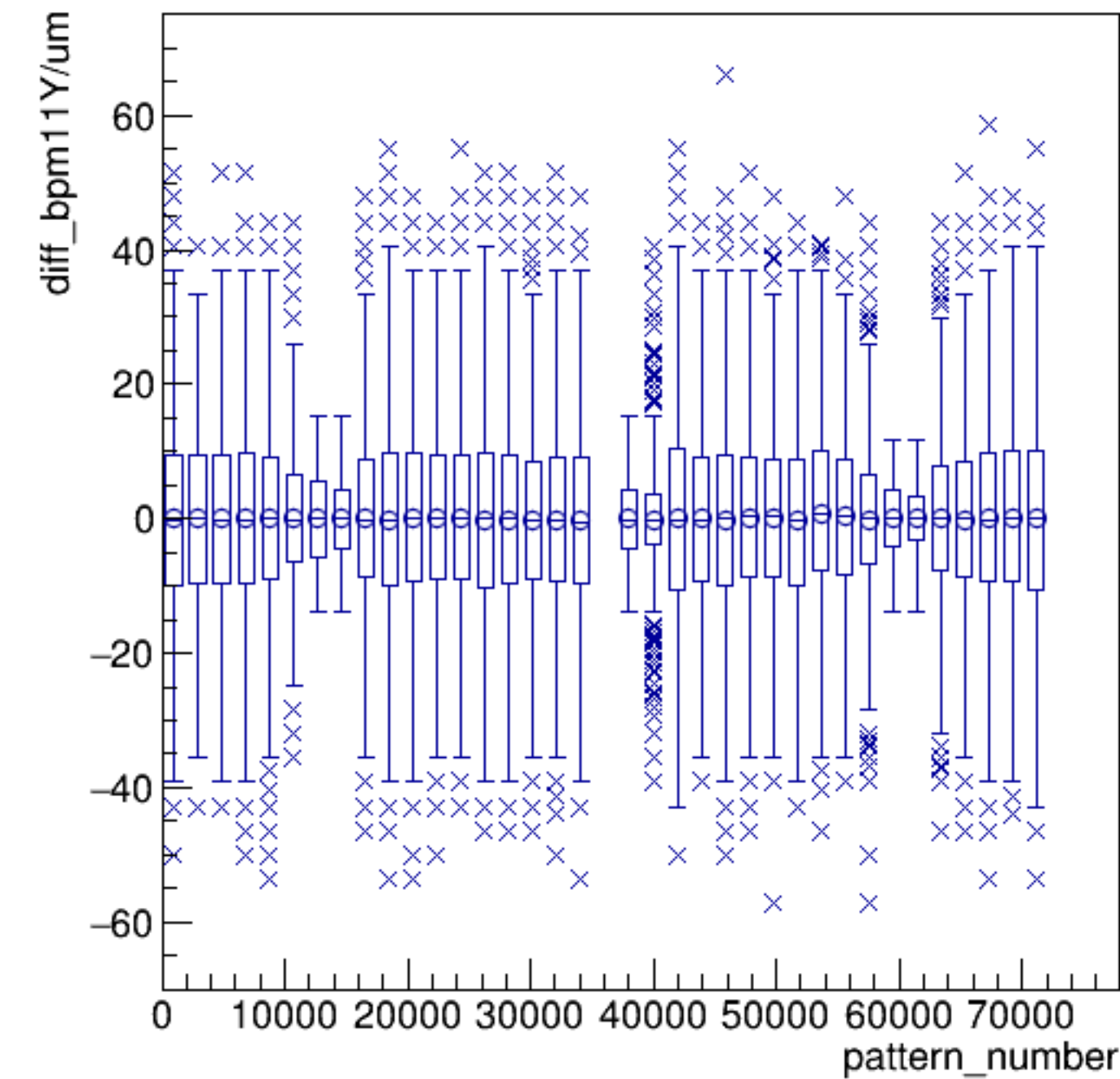


run6382_000_pairTree_bpm11Y.png

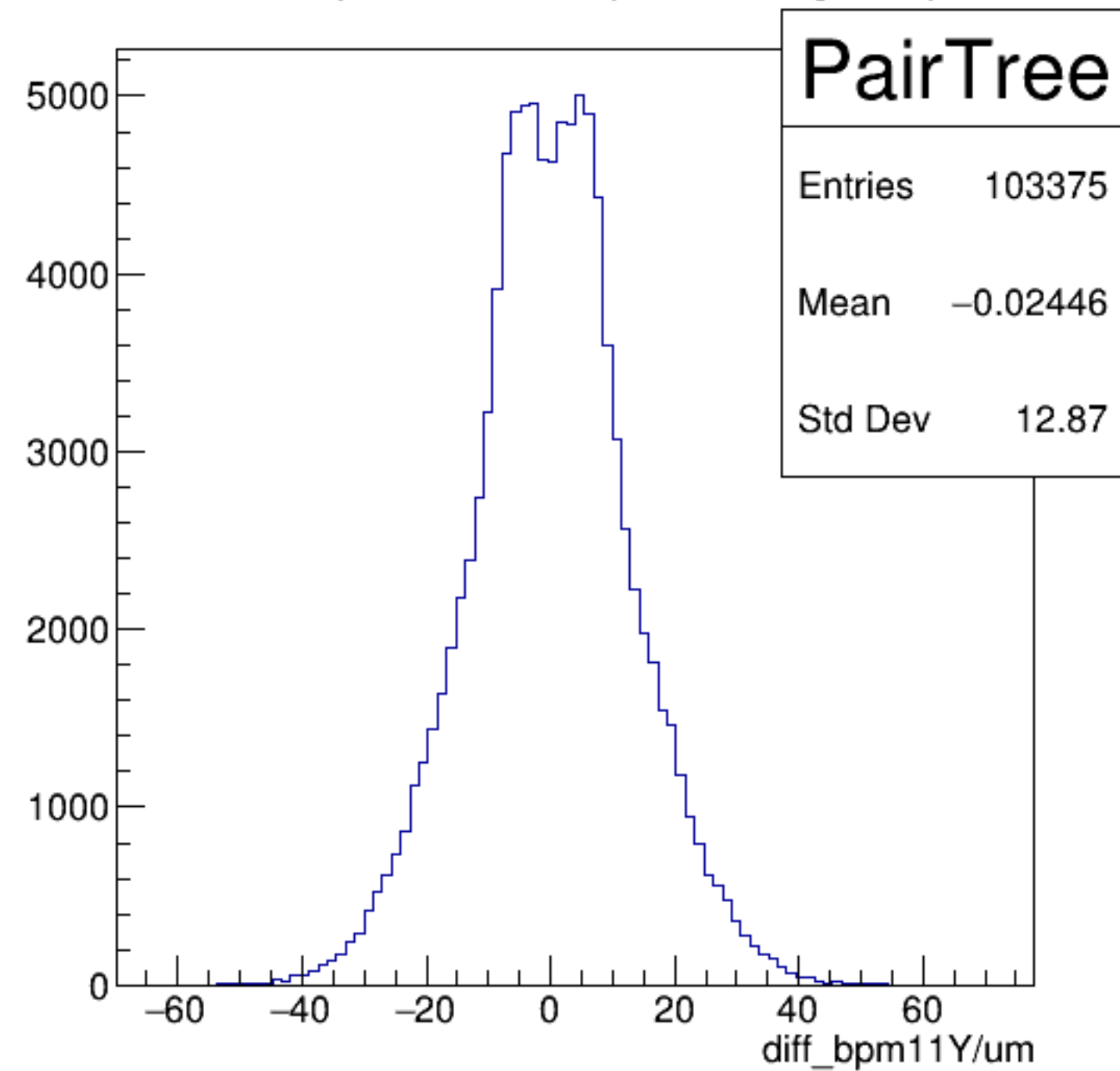
yield_bpm11Y/mm {ErrorFlag==0}



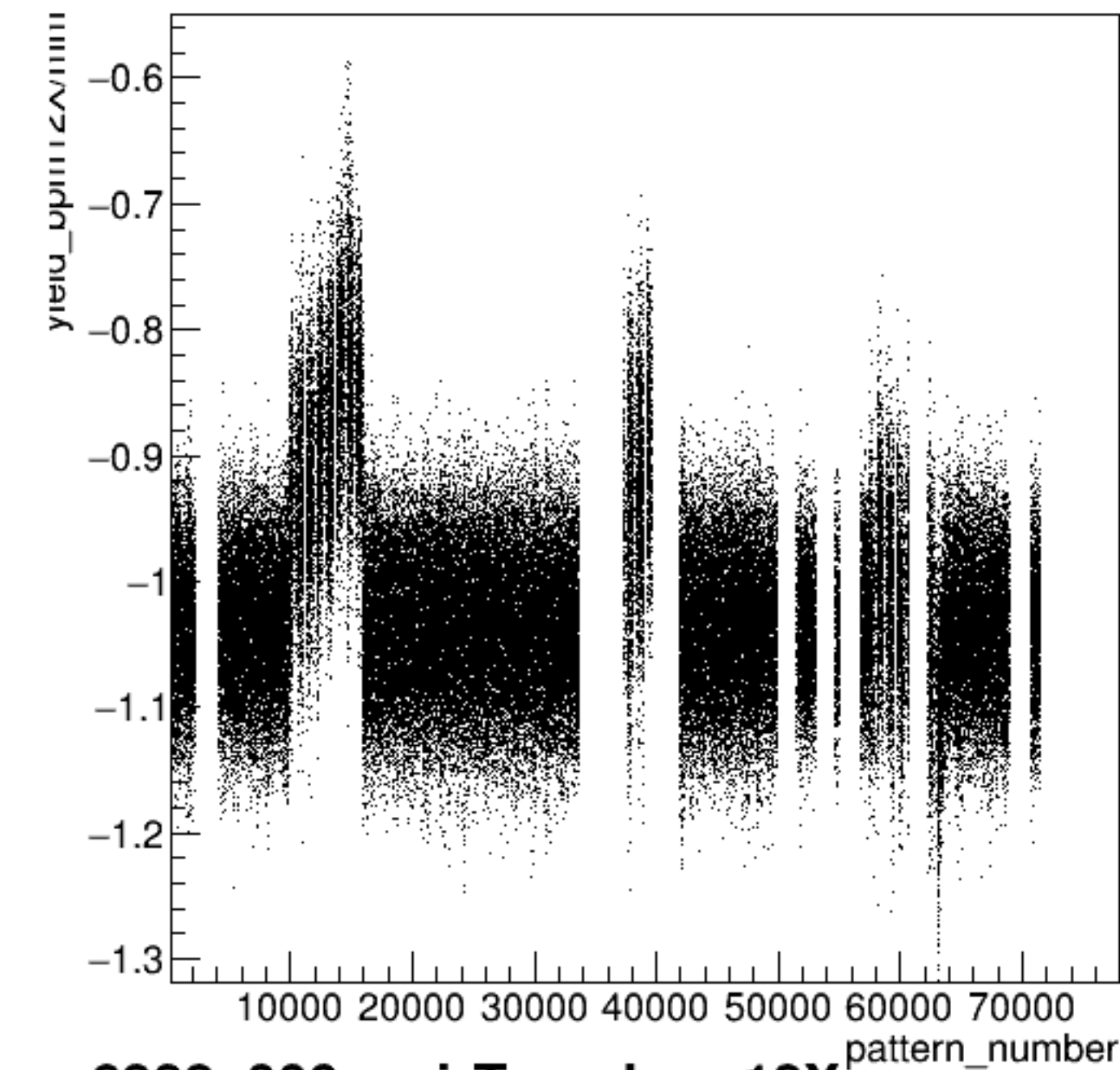
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diff_bpm11Y/um {ErrorFlag==0}

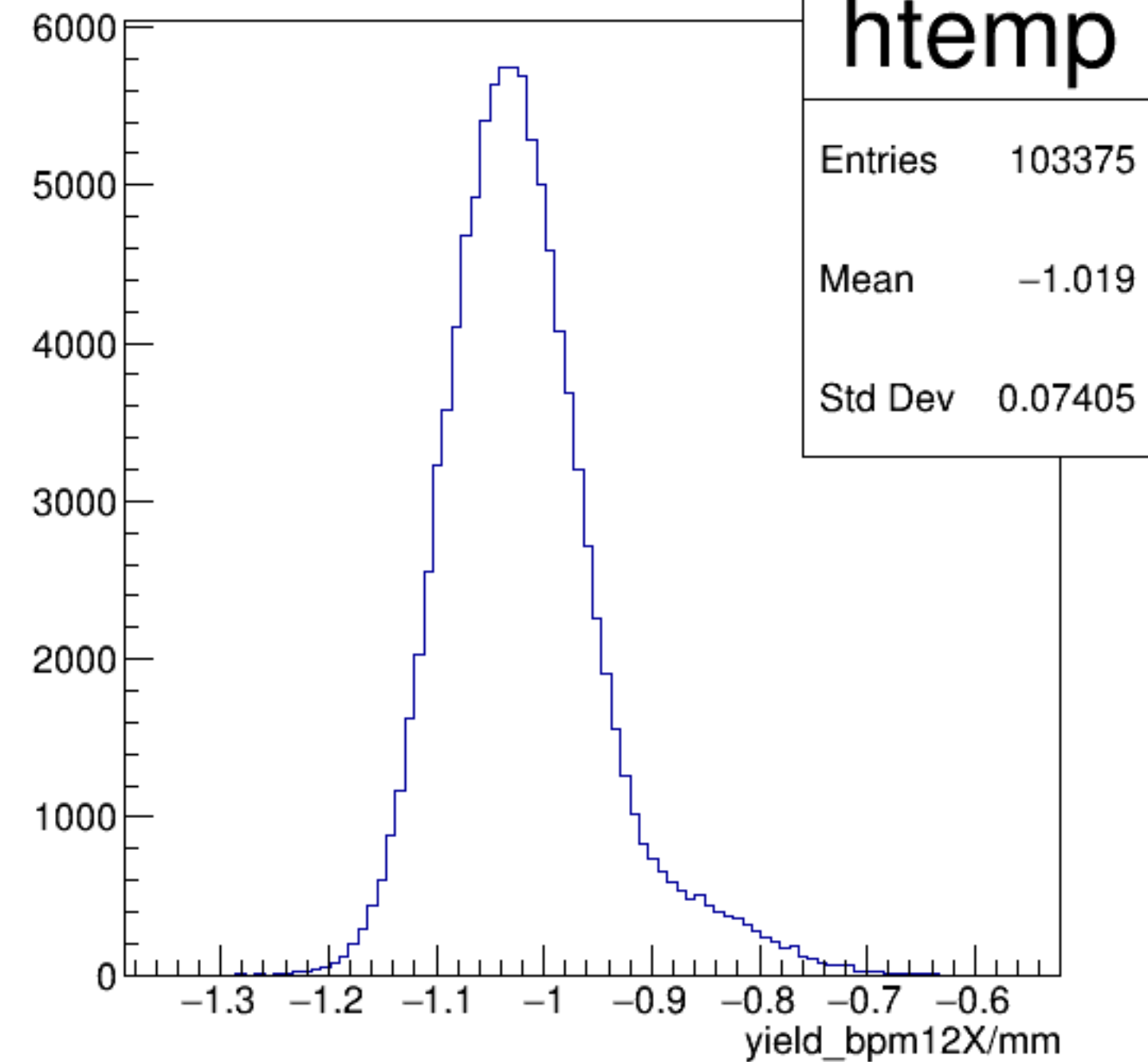


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

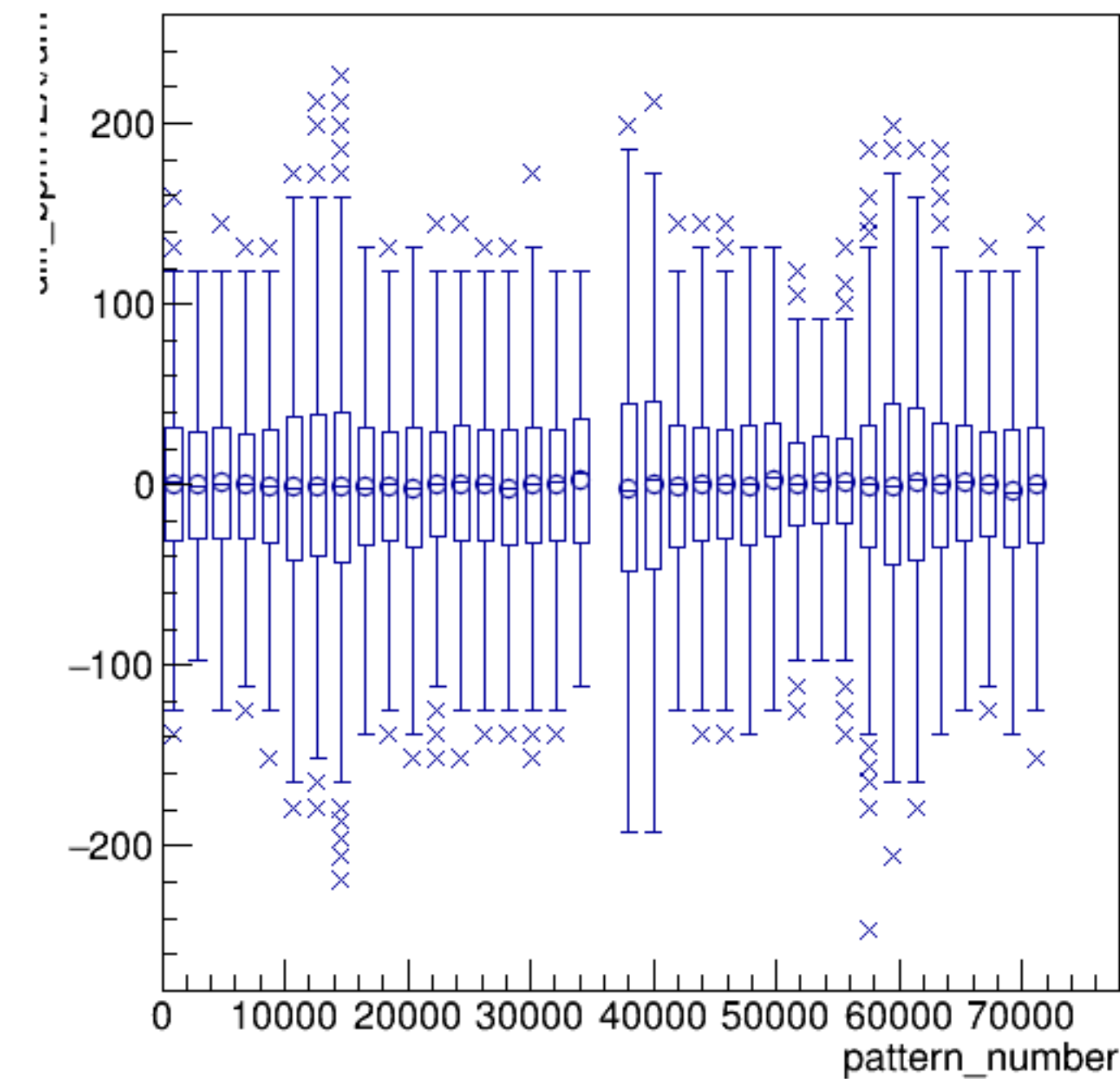


run6382_000_pairTree_bpm12X.png

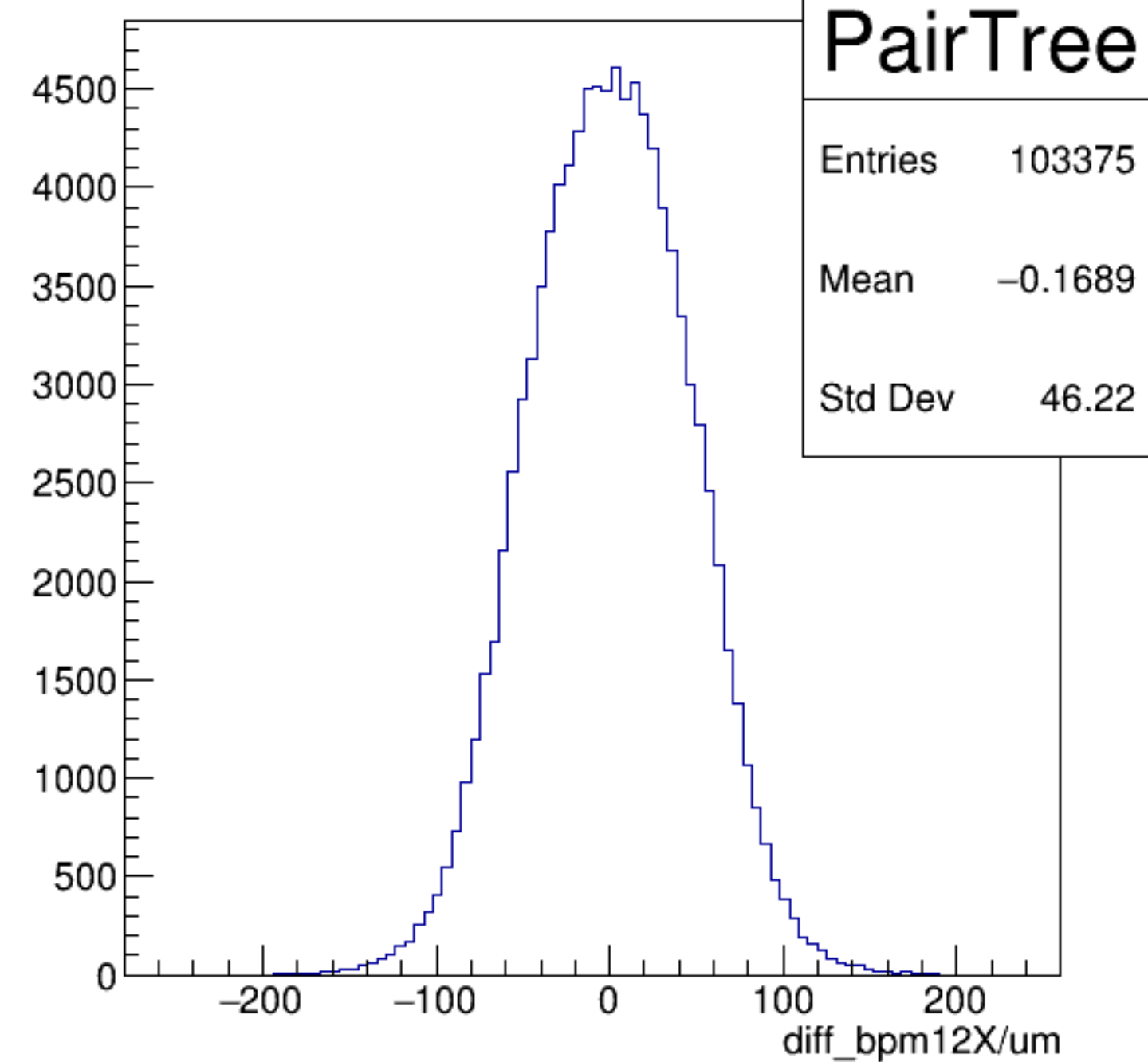
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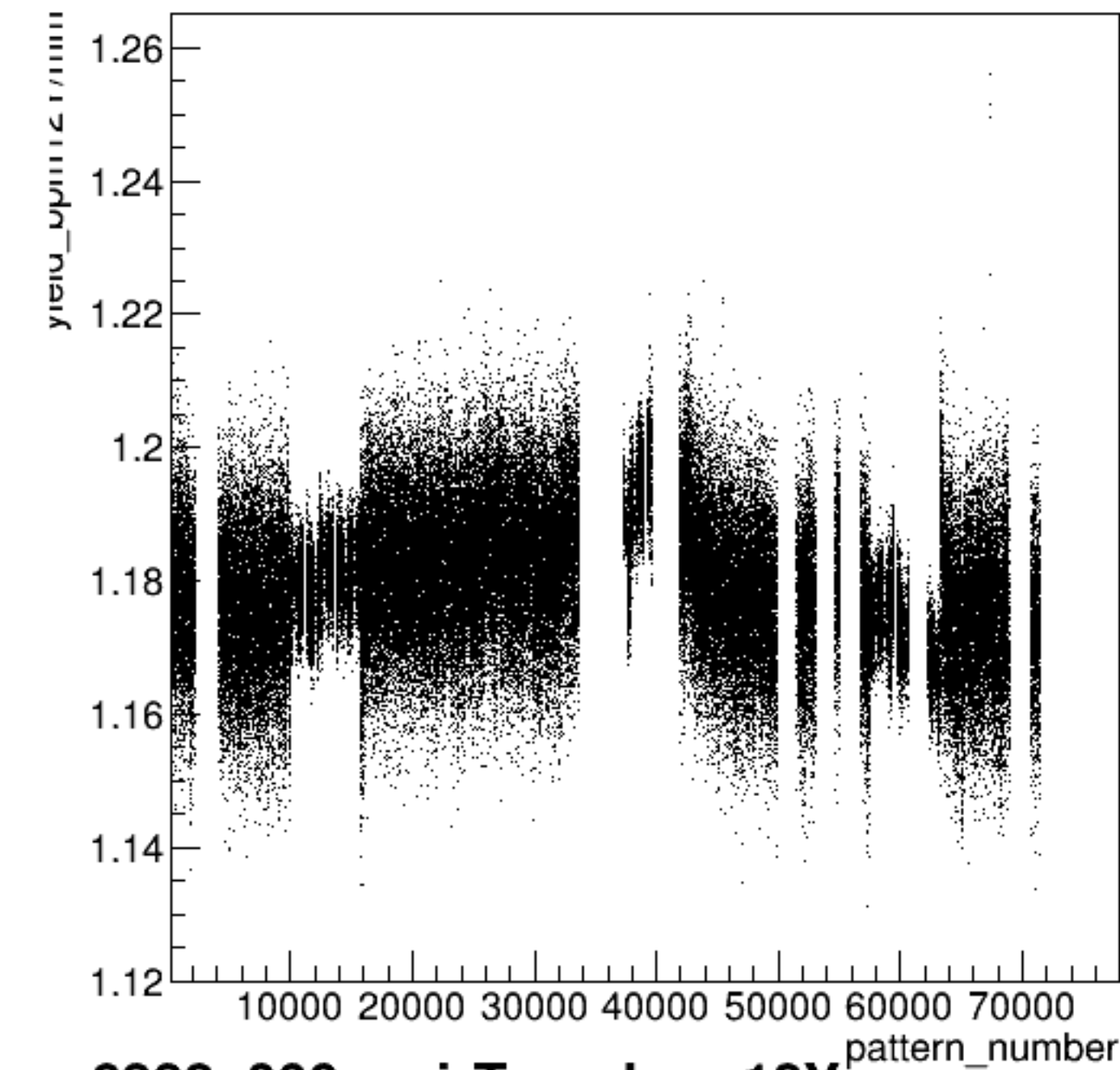
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diff_bpm12X/um {ErrorFlag==0}

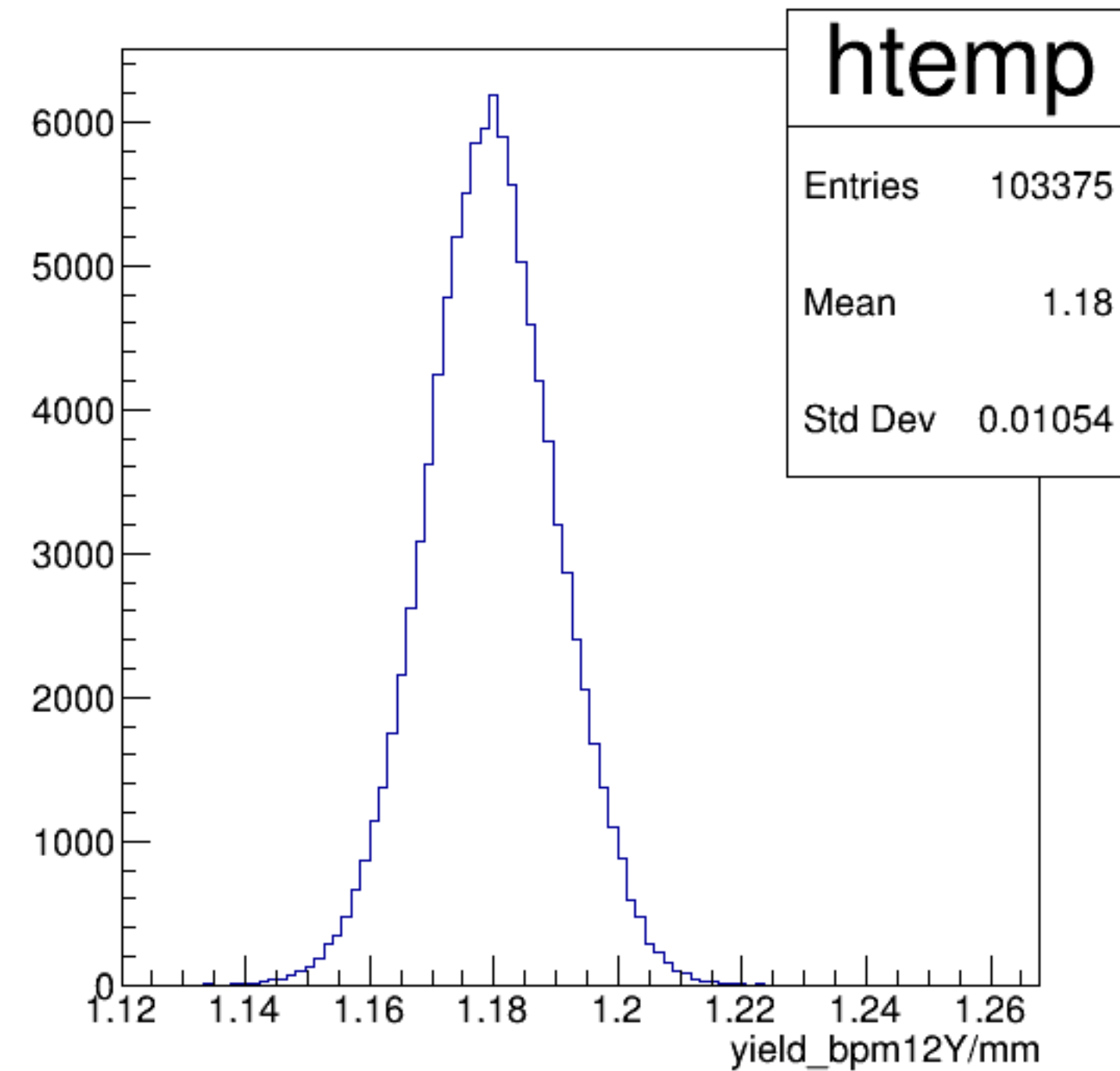


yield_bpm12Y/mm:pattern_number {ErrorFlag==0}

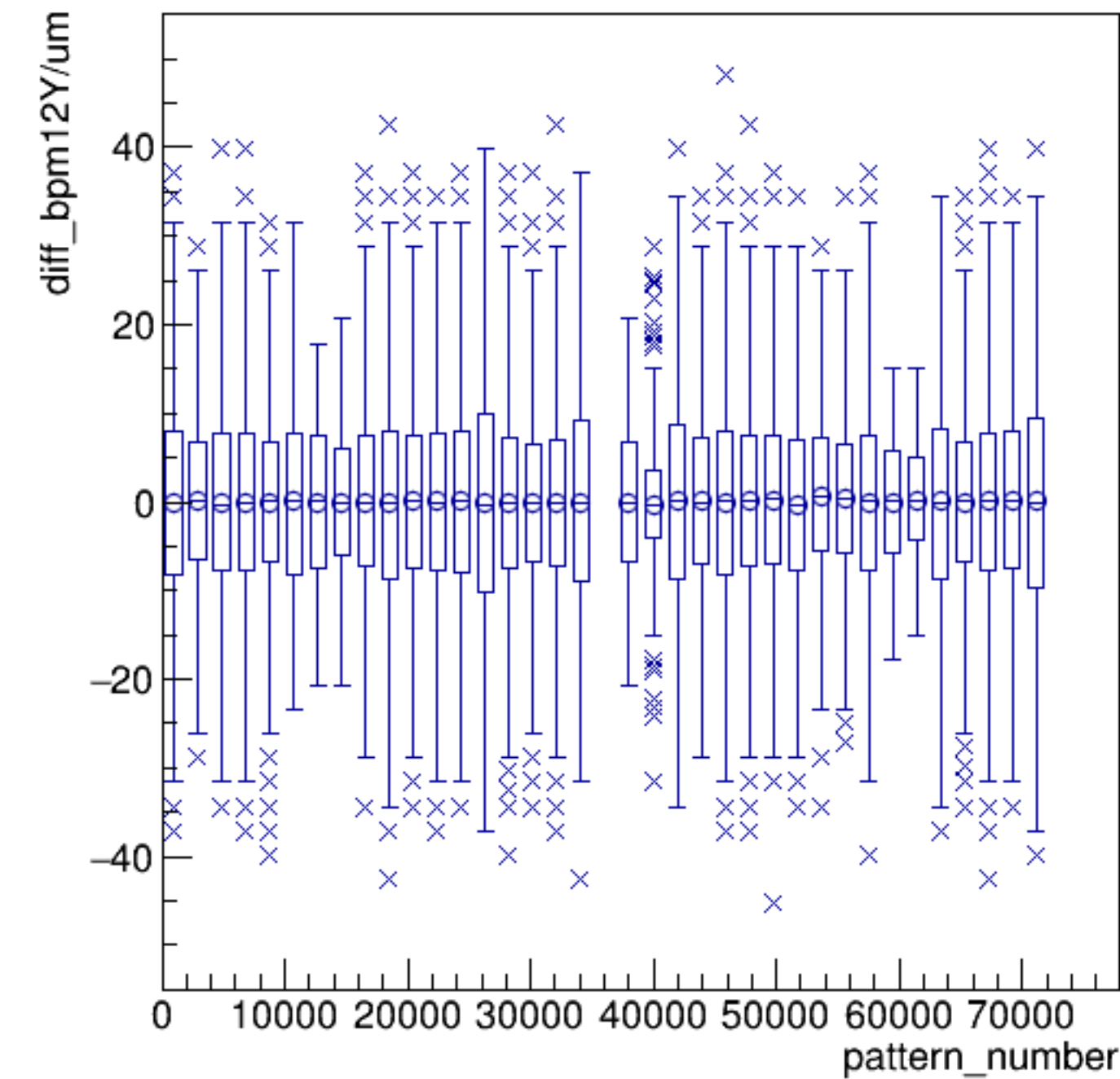


run6382_000_pairTree_bpm12Y.png

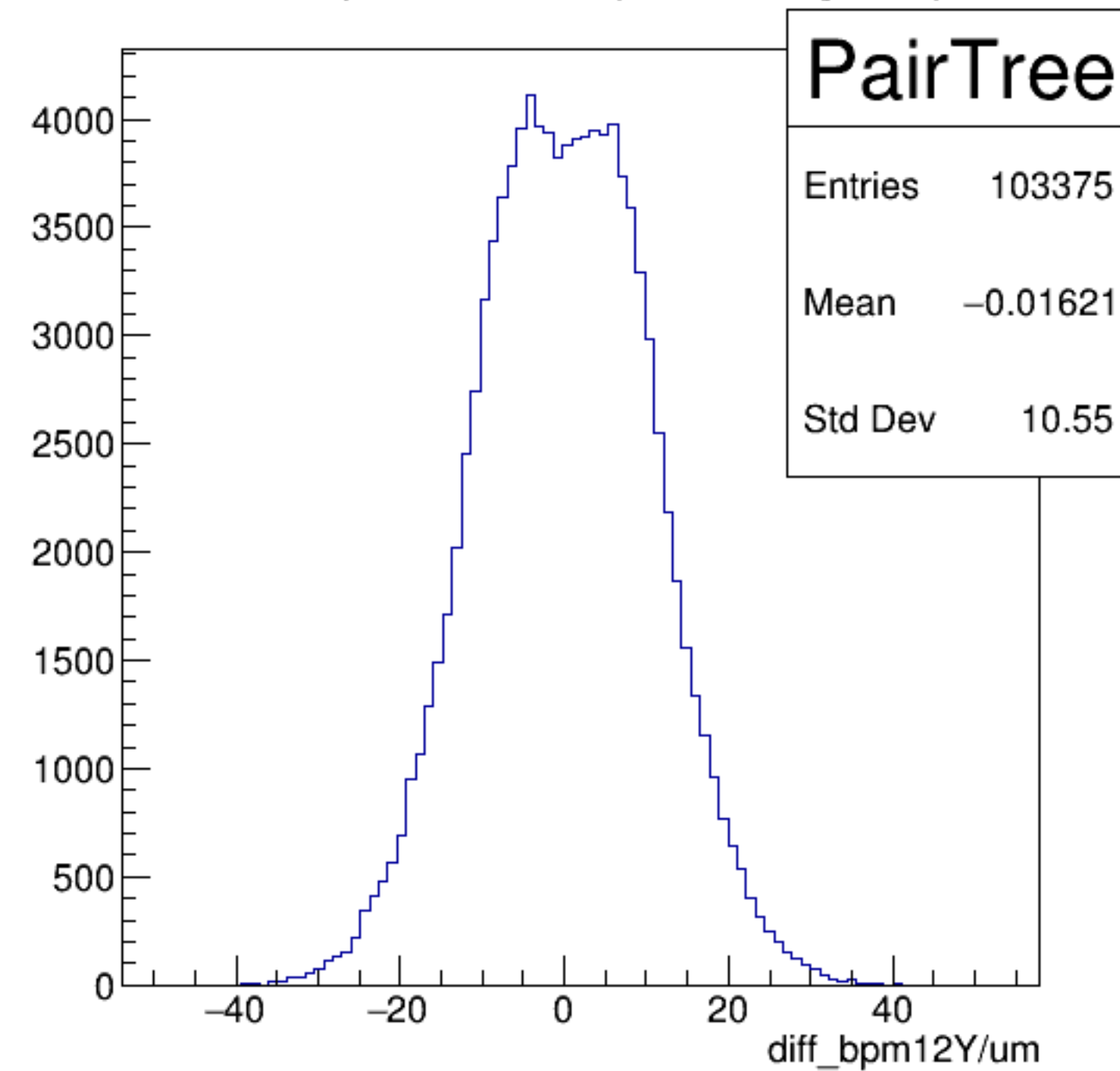
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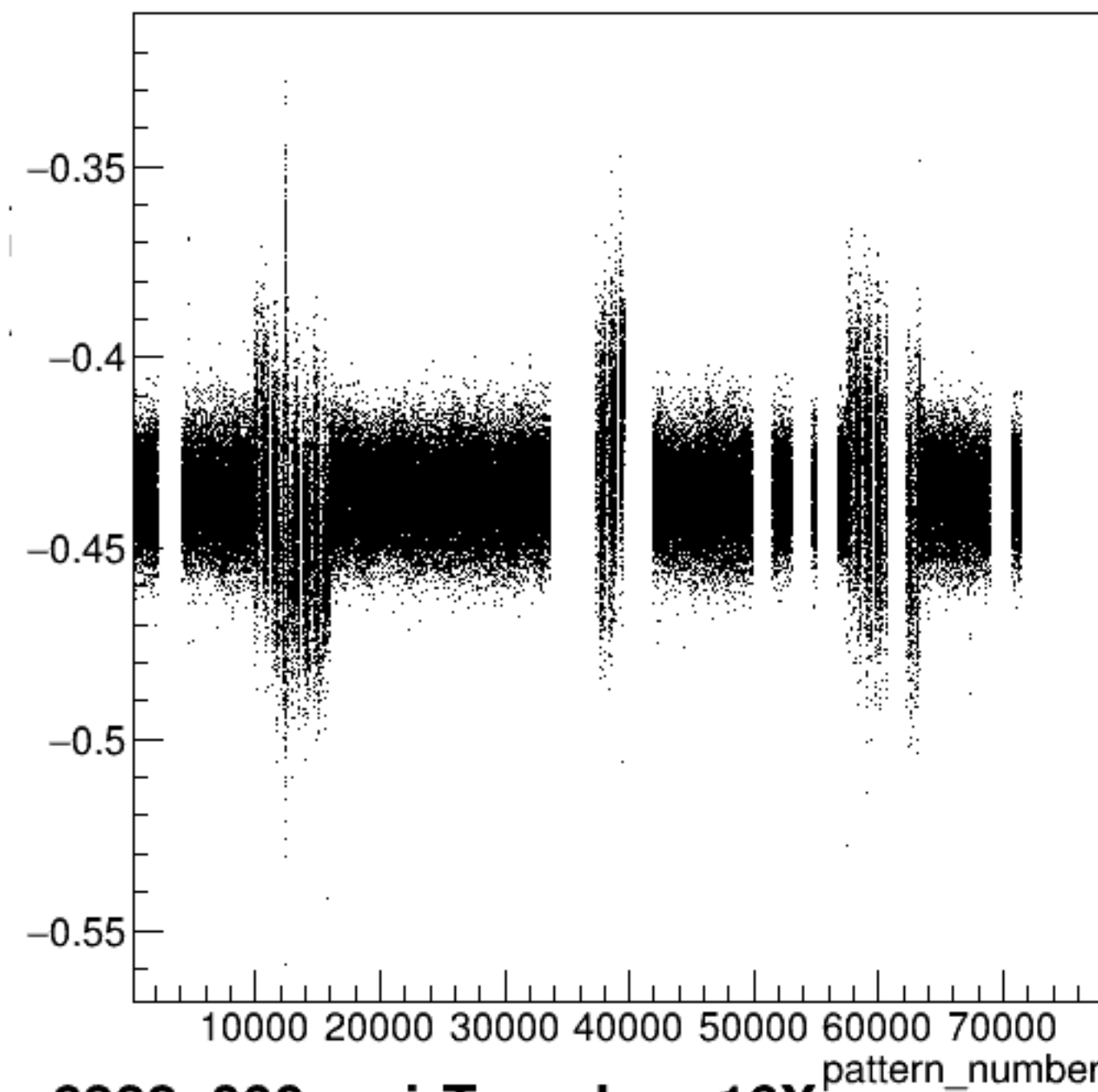
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diff_bpm12Y/um {ErrorFlag==0}

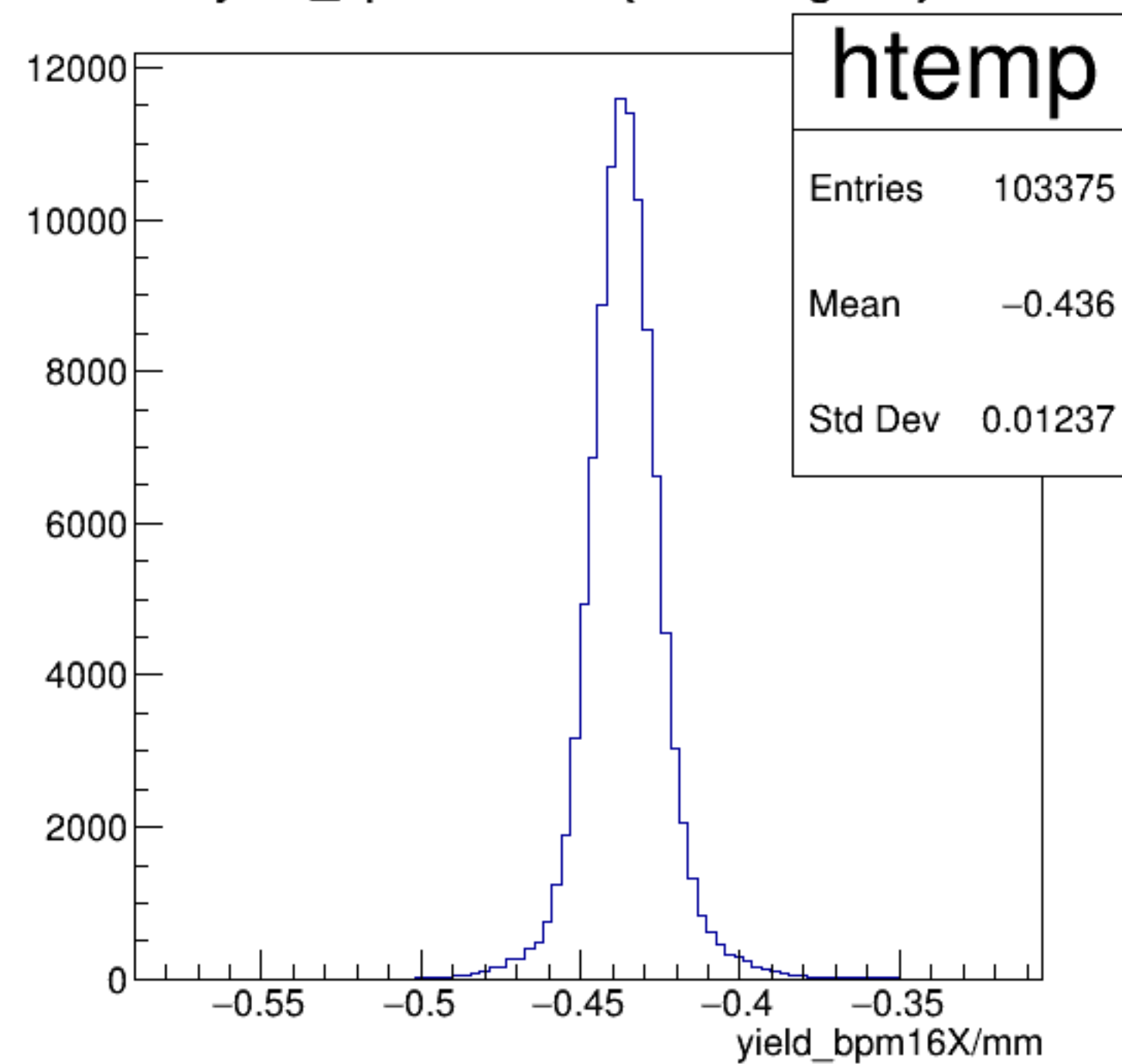


yield_bpm16X/mm:pattern_number {ErrorFlag==0}

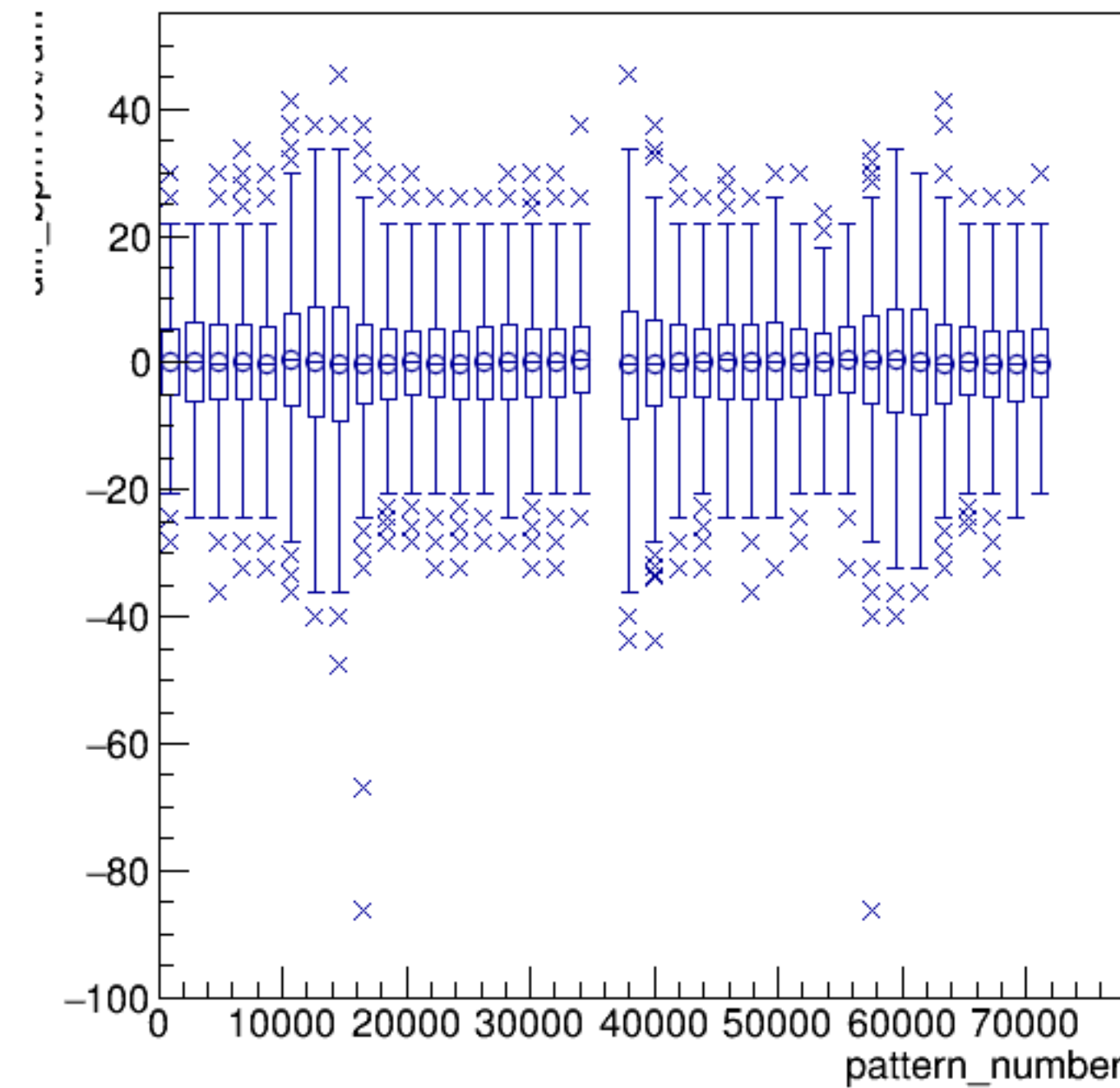


run6382_000_pairTree_bpm16X.png

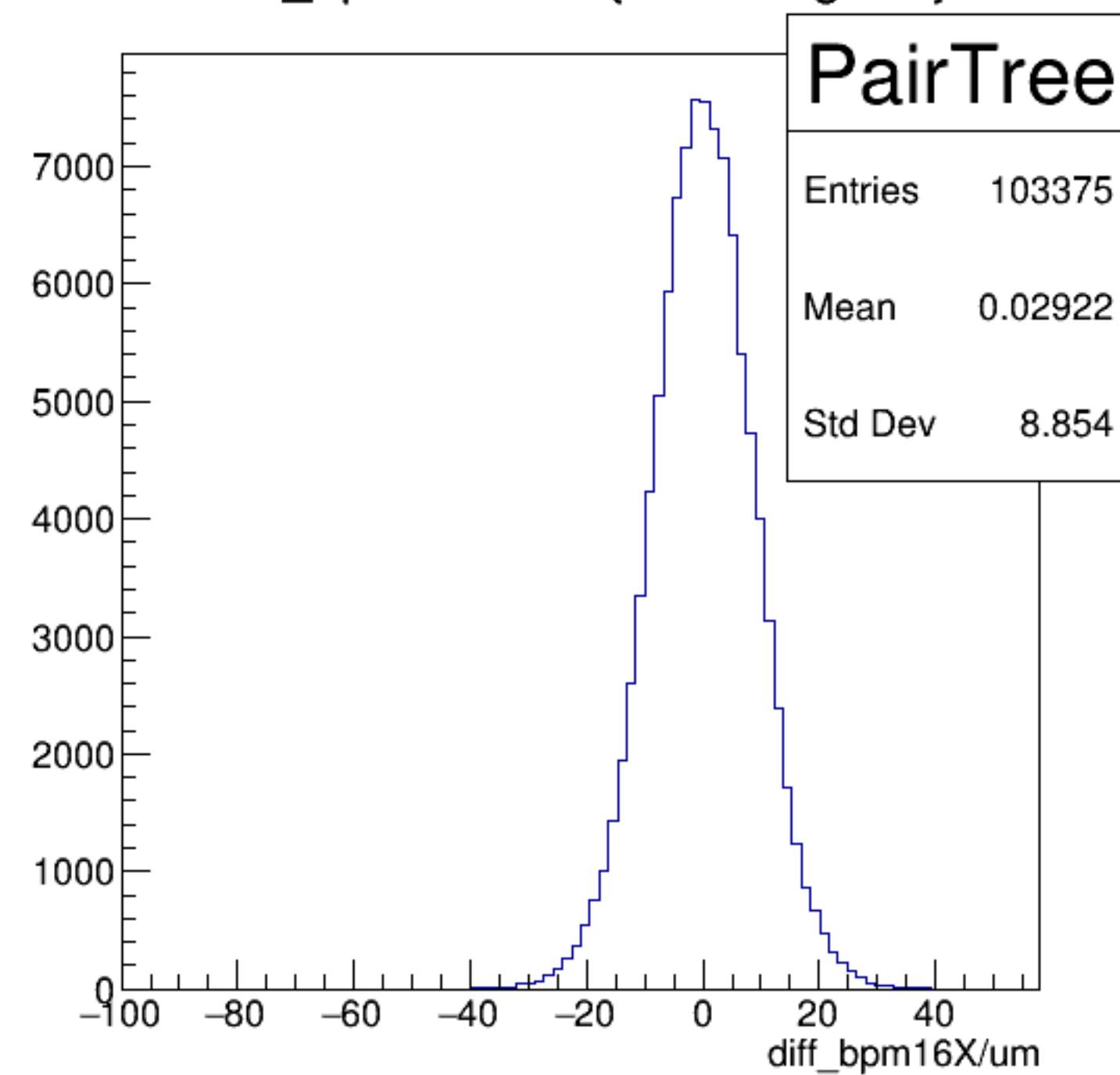
yield_bpm16X/mm {ErrorFlag==0}



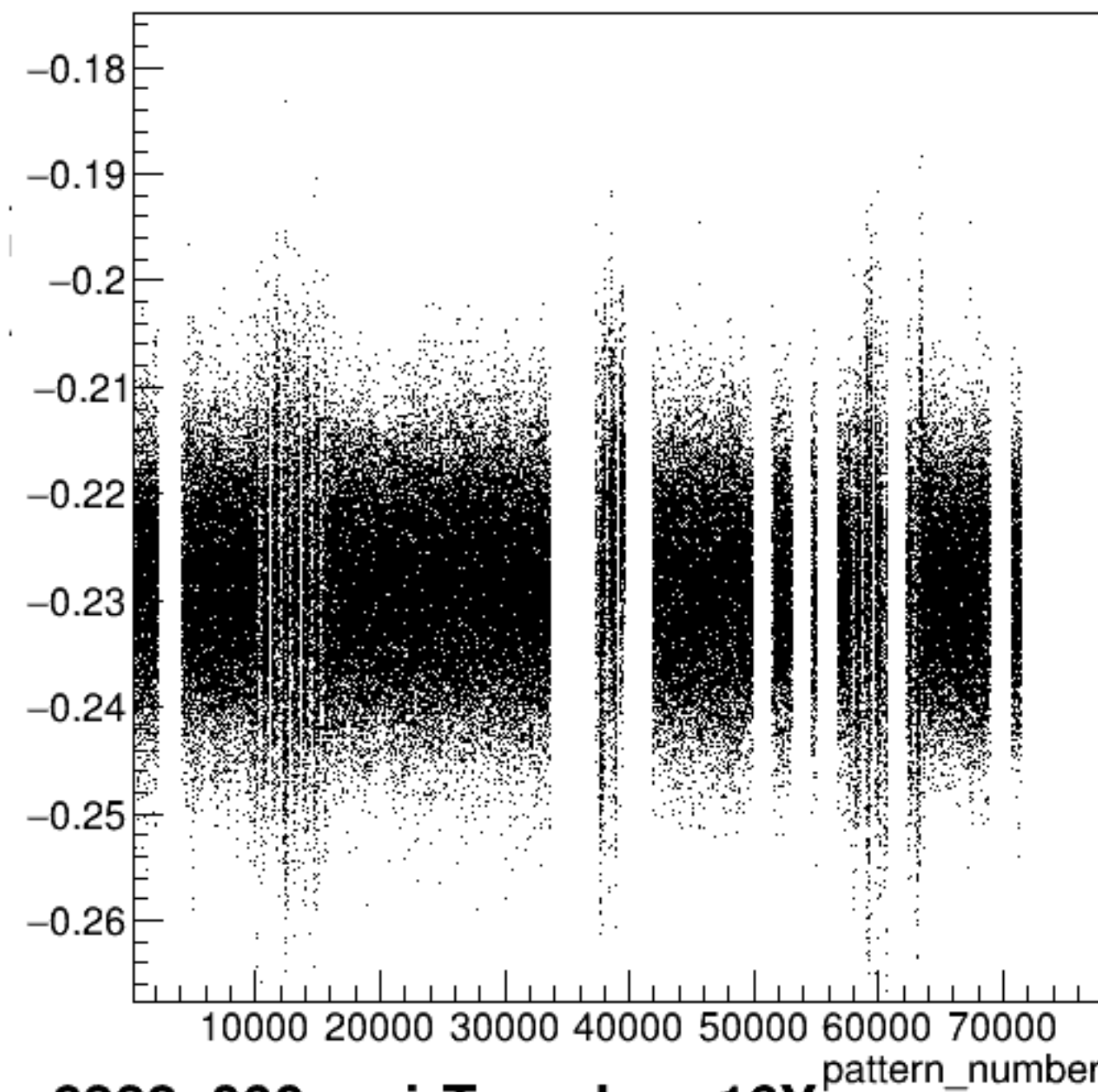
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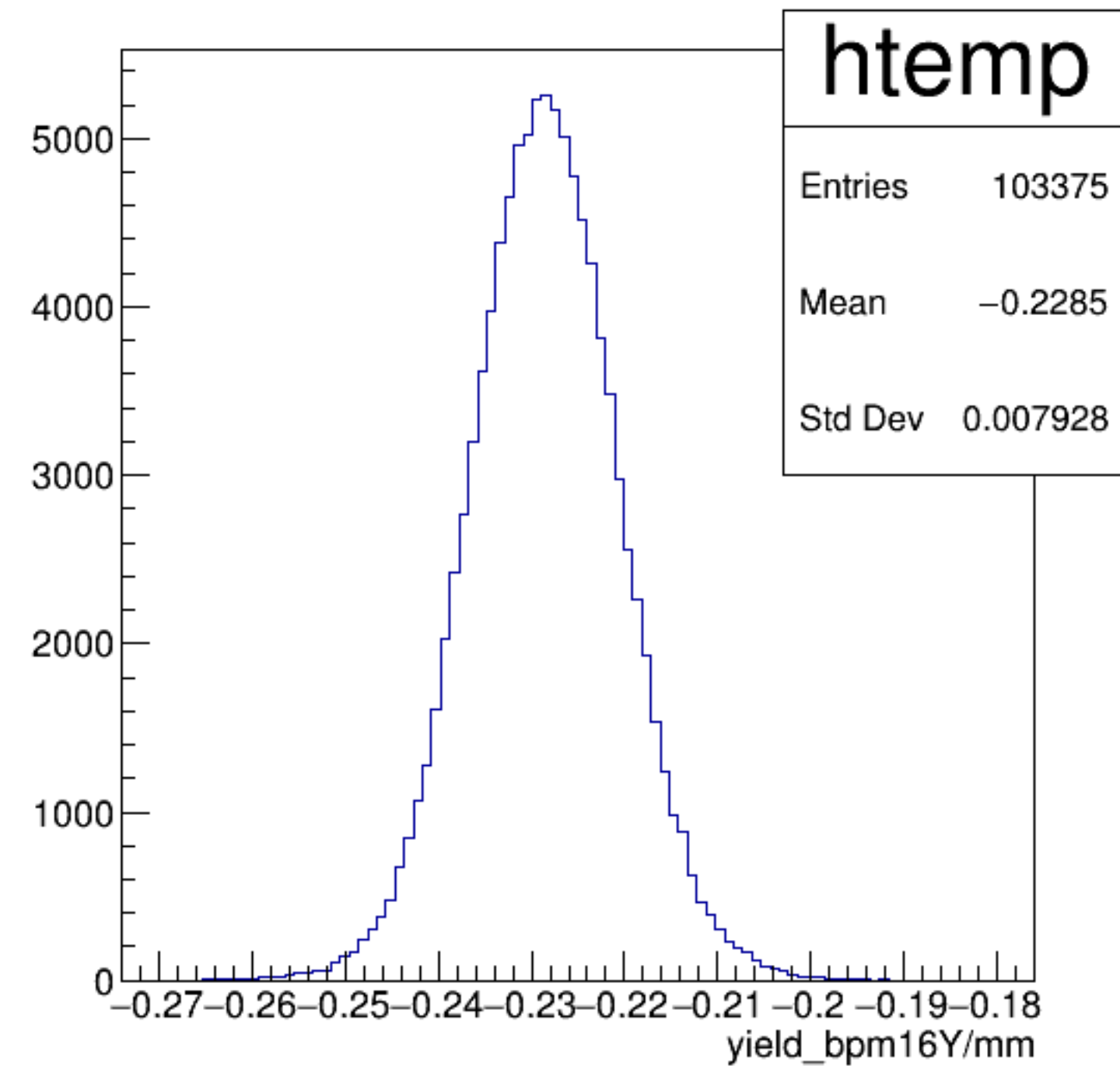


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

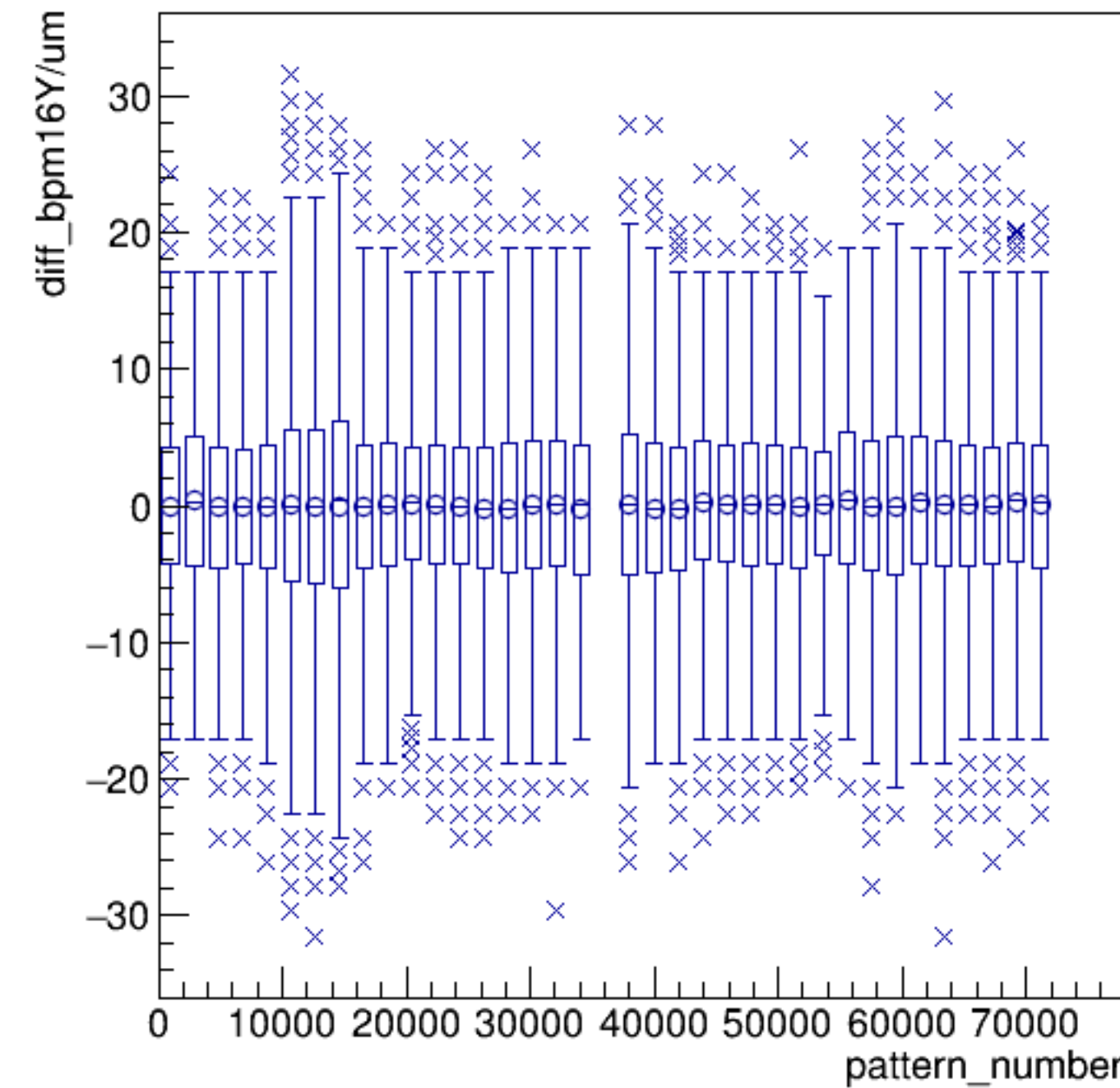


run6382_000_pairTree_bpm16Y.png

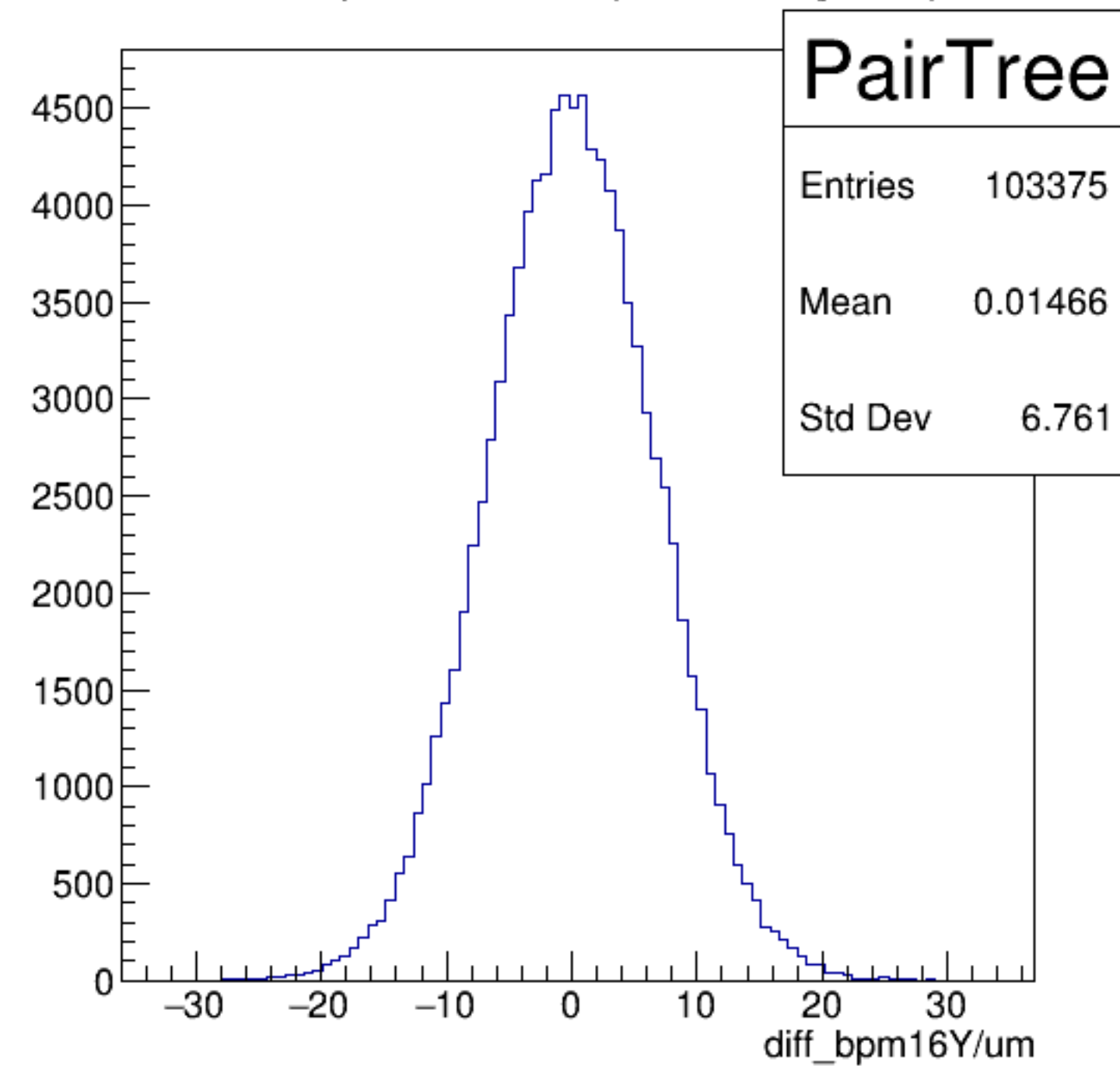
yield_bpm16Y/mm {ErrorFlag==0}



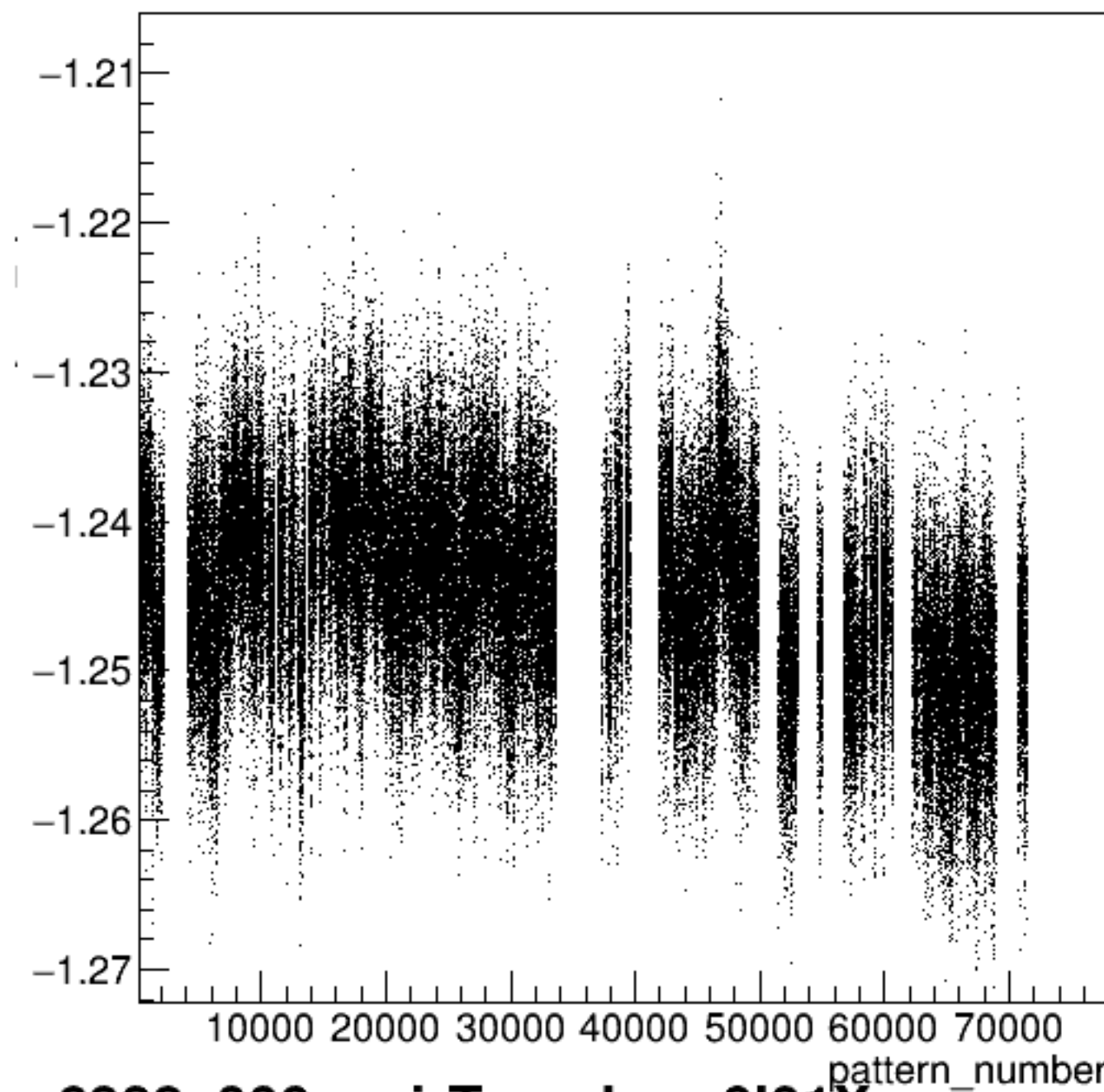
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



diff_bpm16Y/um {ErrorFlag==0}

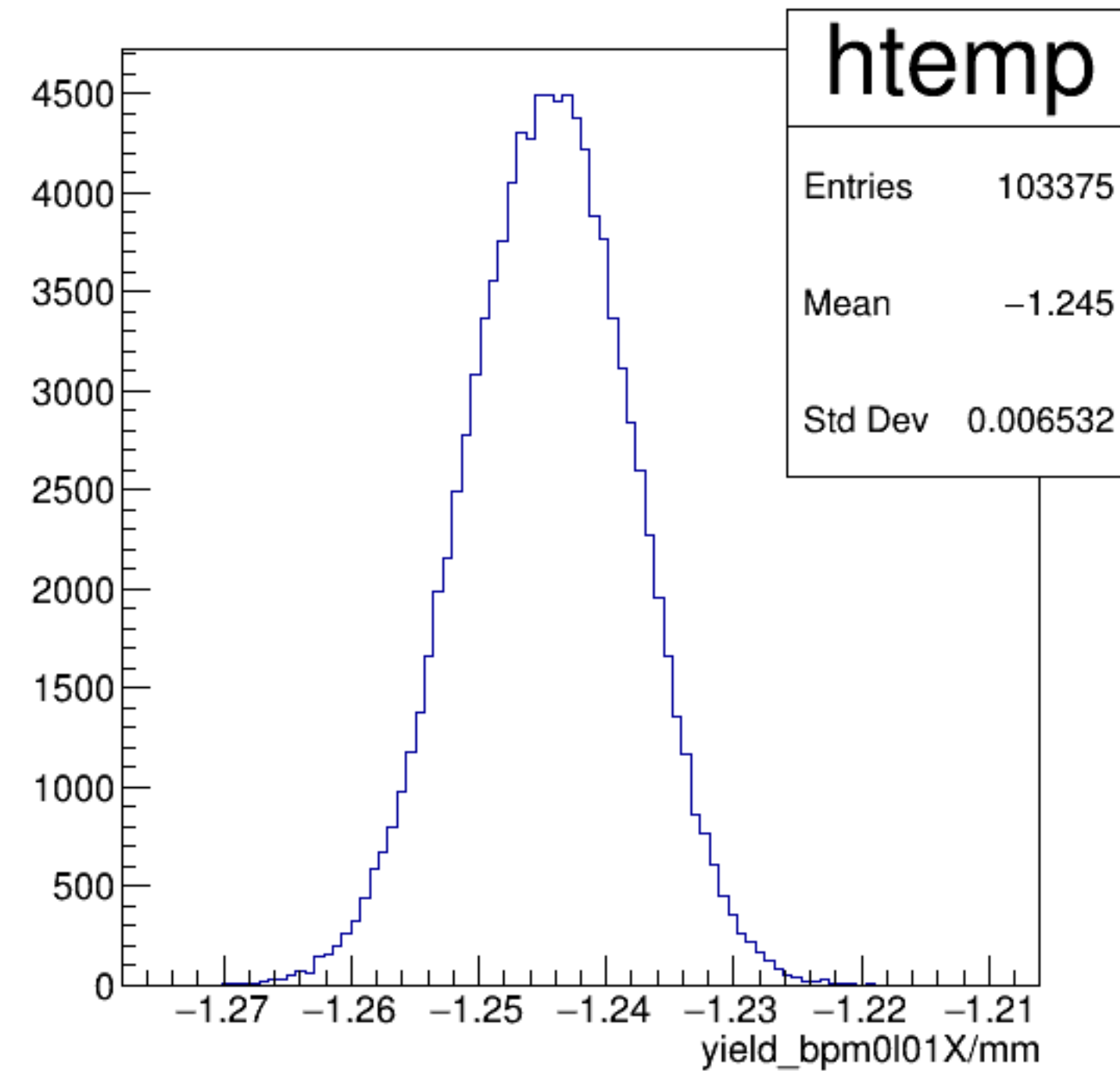


yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}

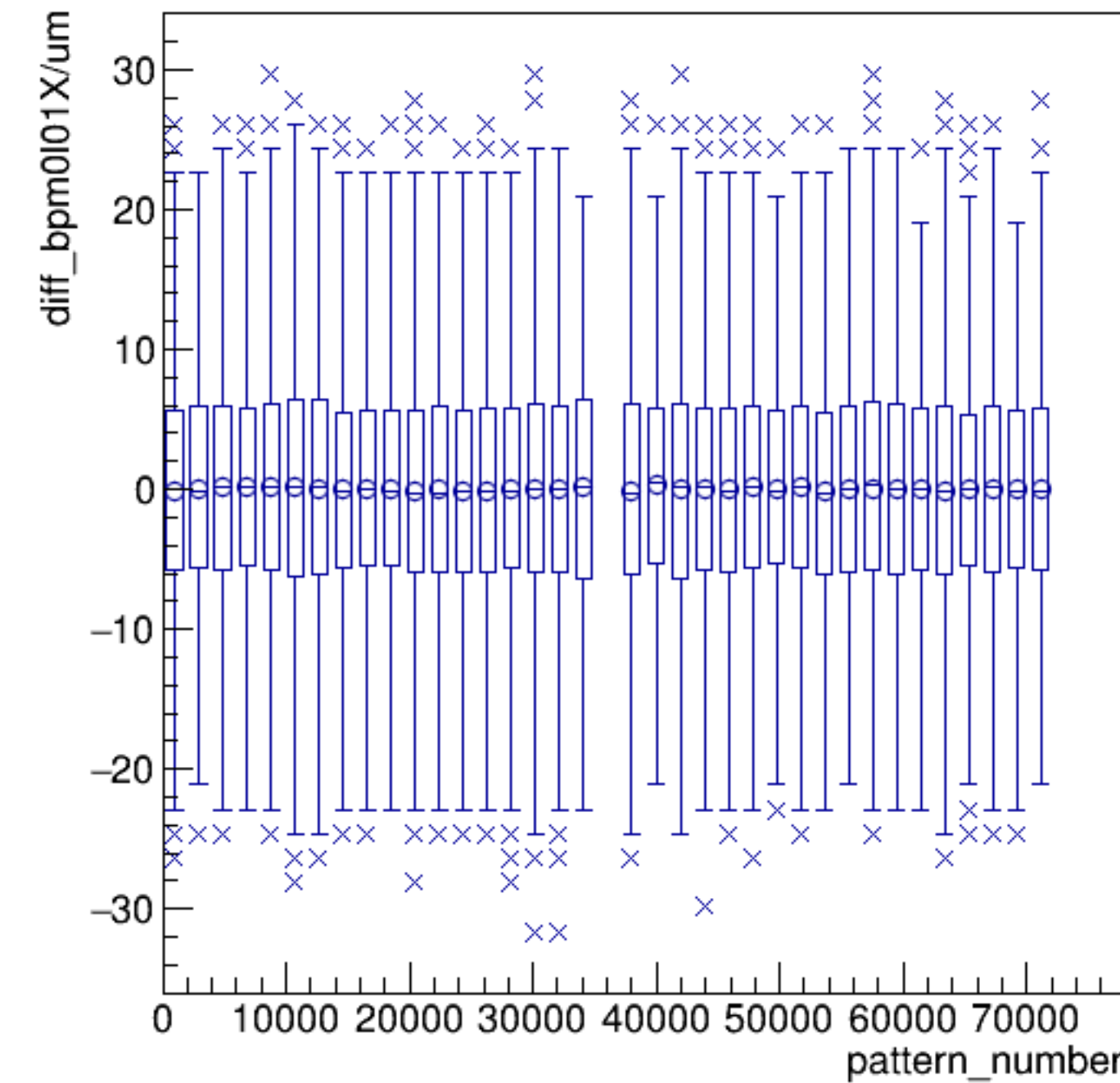


run6382_000_pairTree_bpm0l01X.png

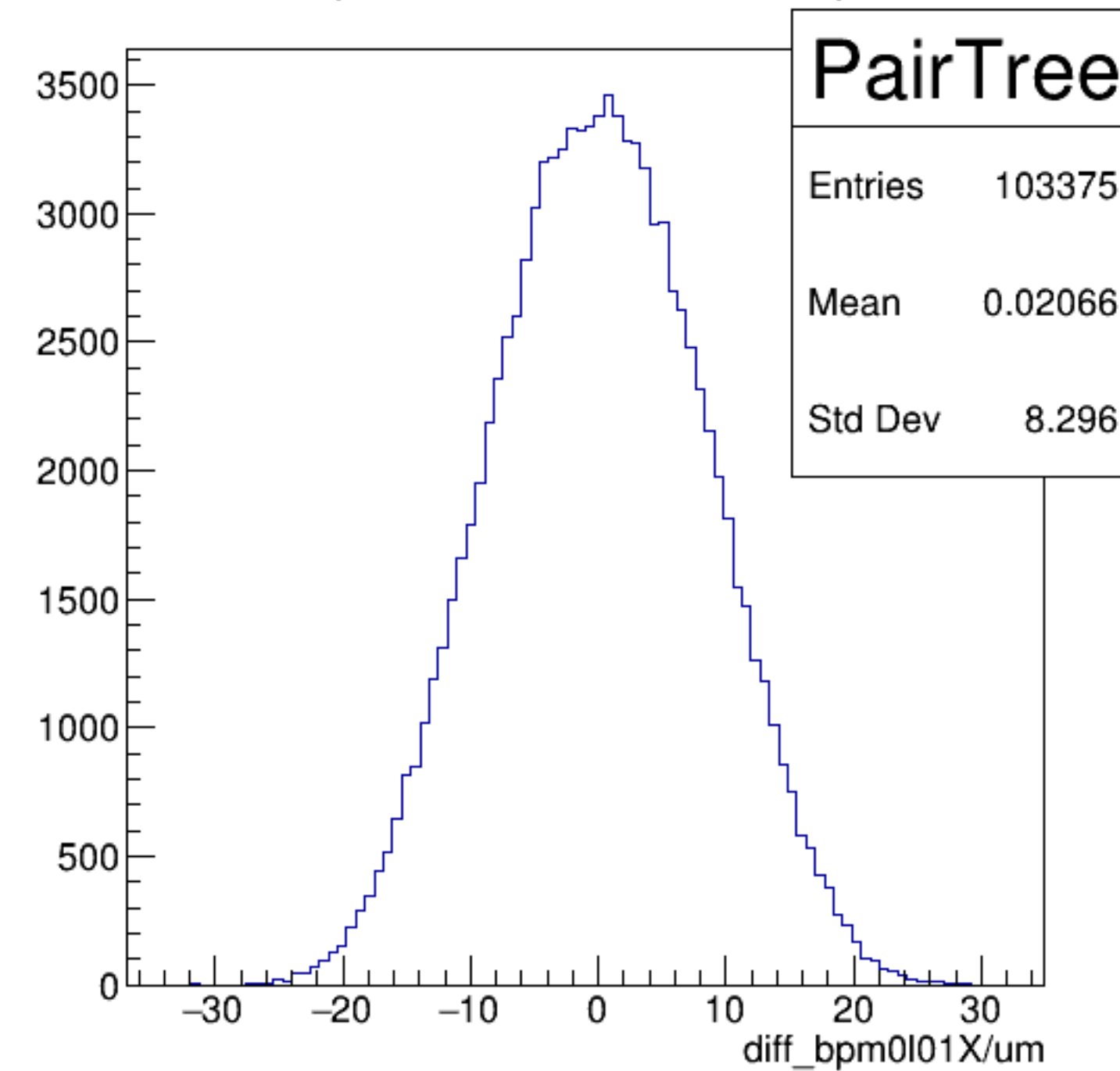
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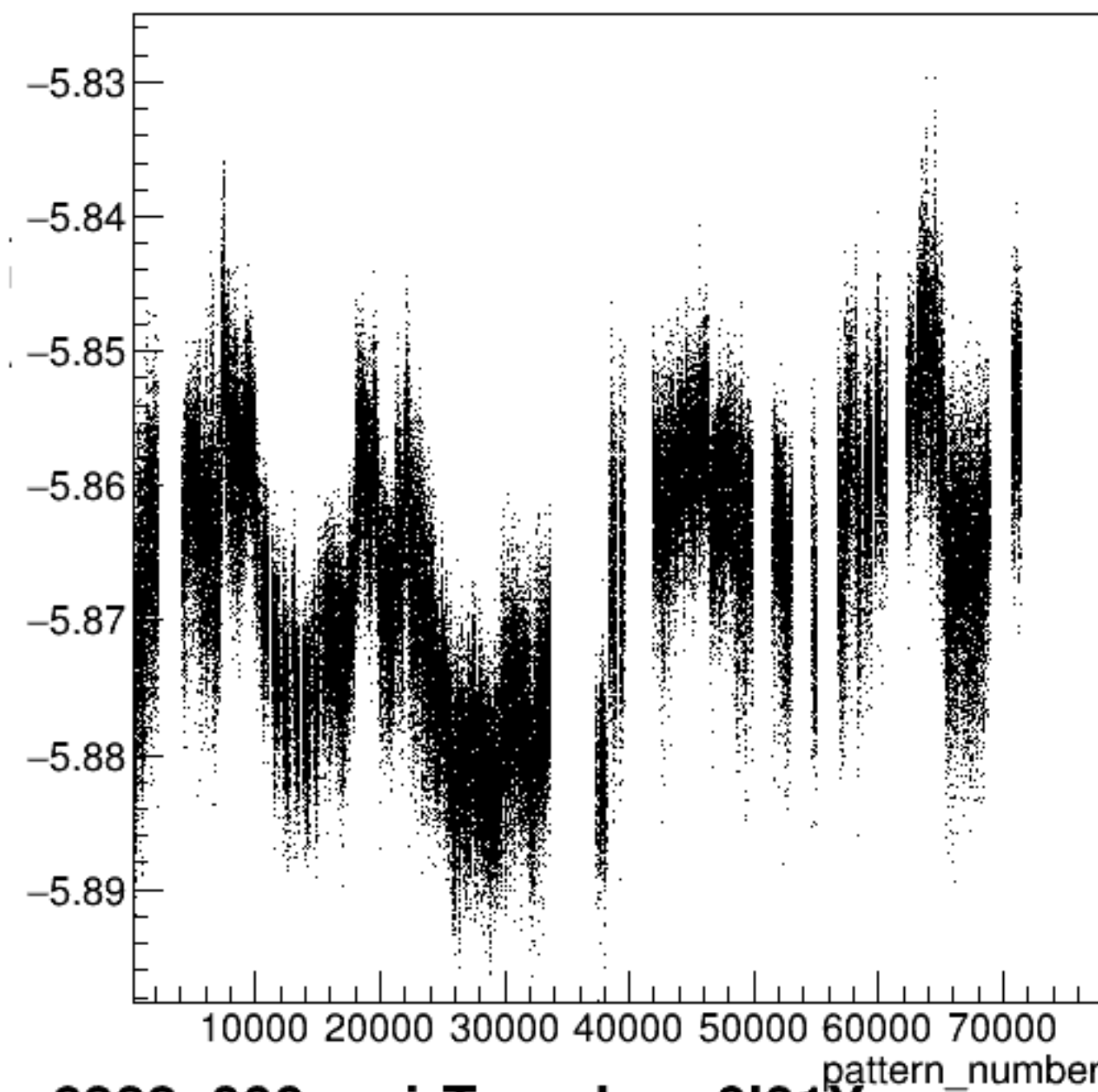
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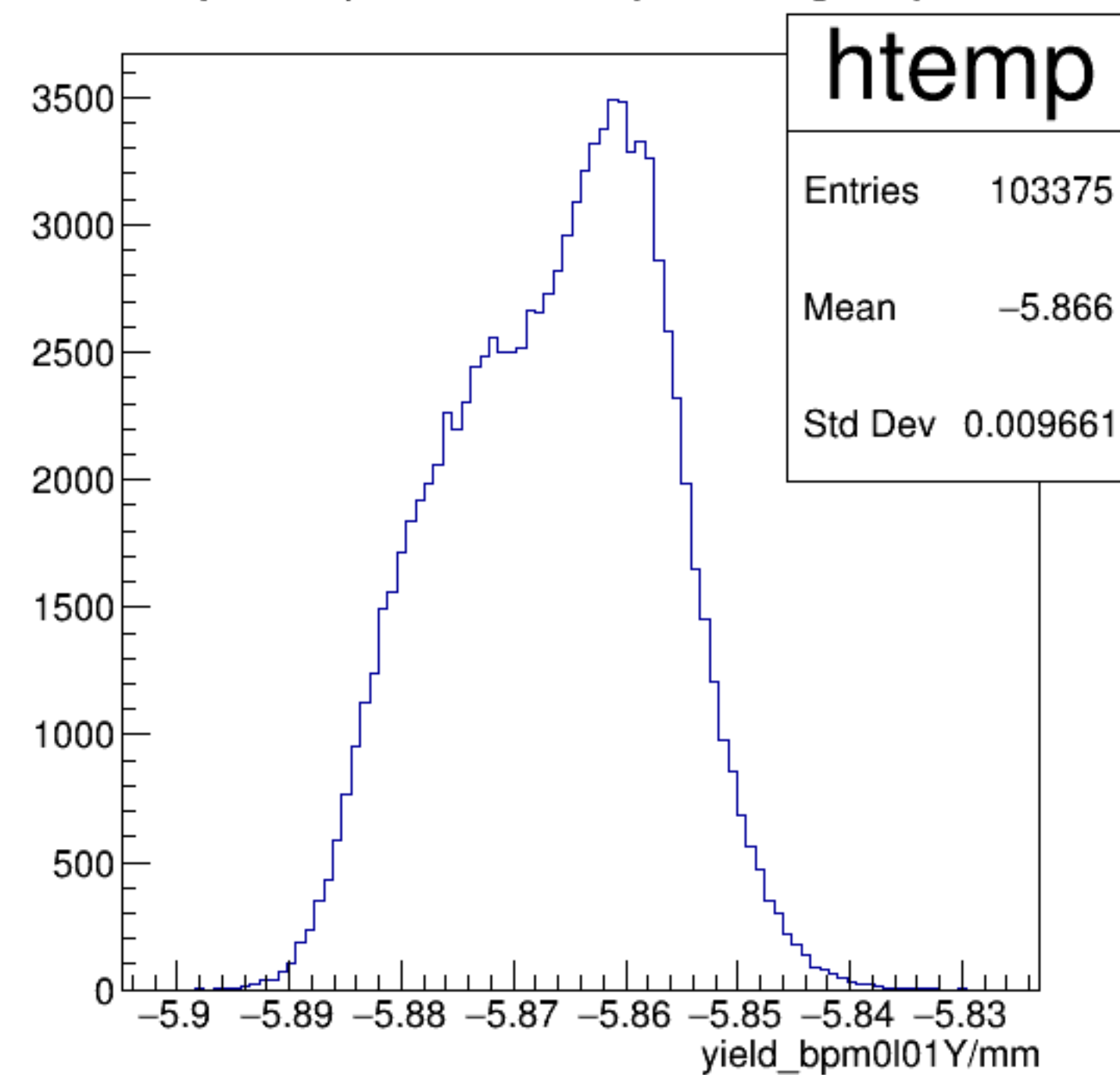


yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}

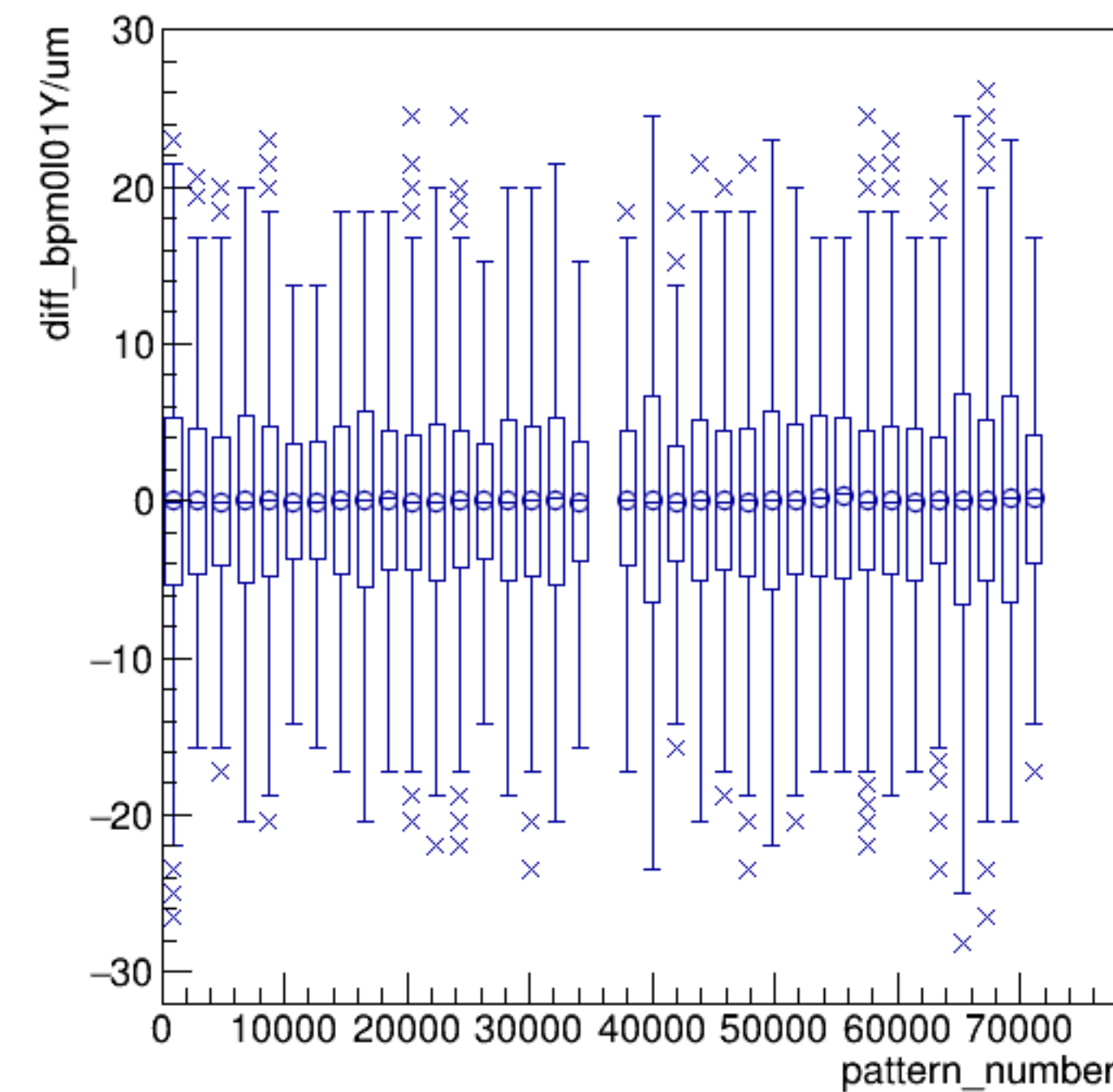


run6382_000_pairTree_bpm0l01Y.png

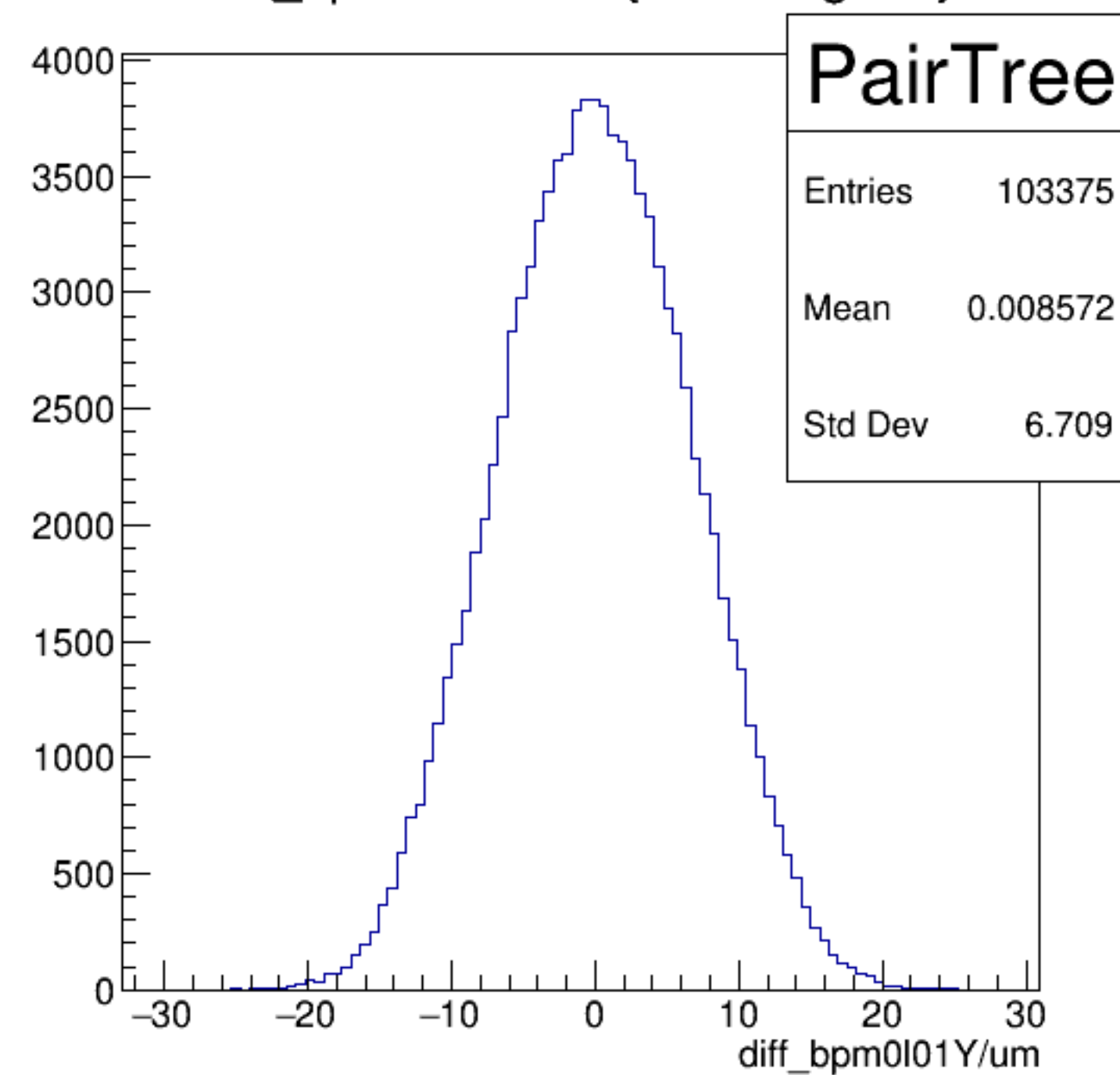
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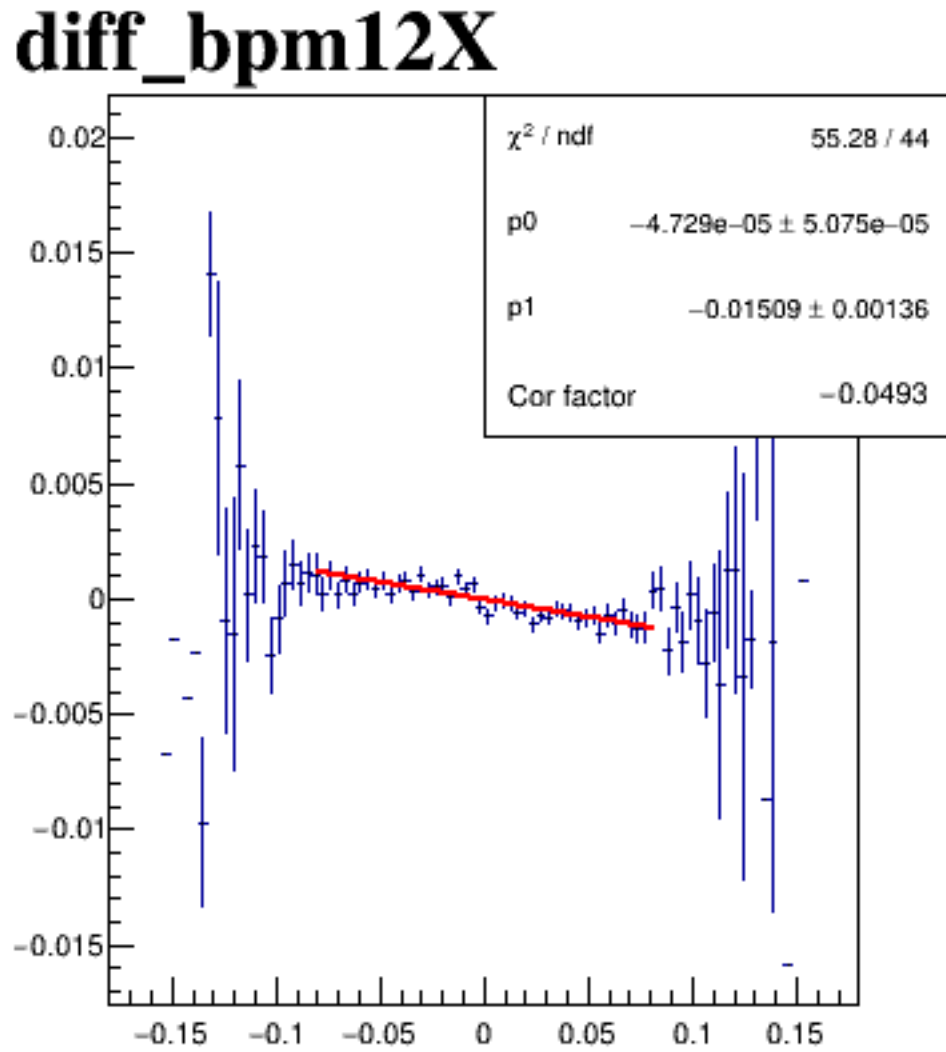
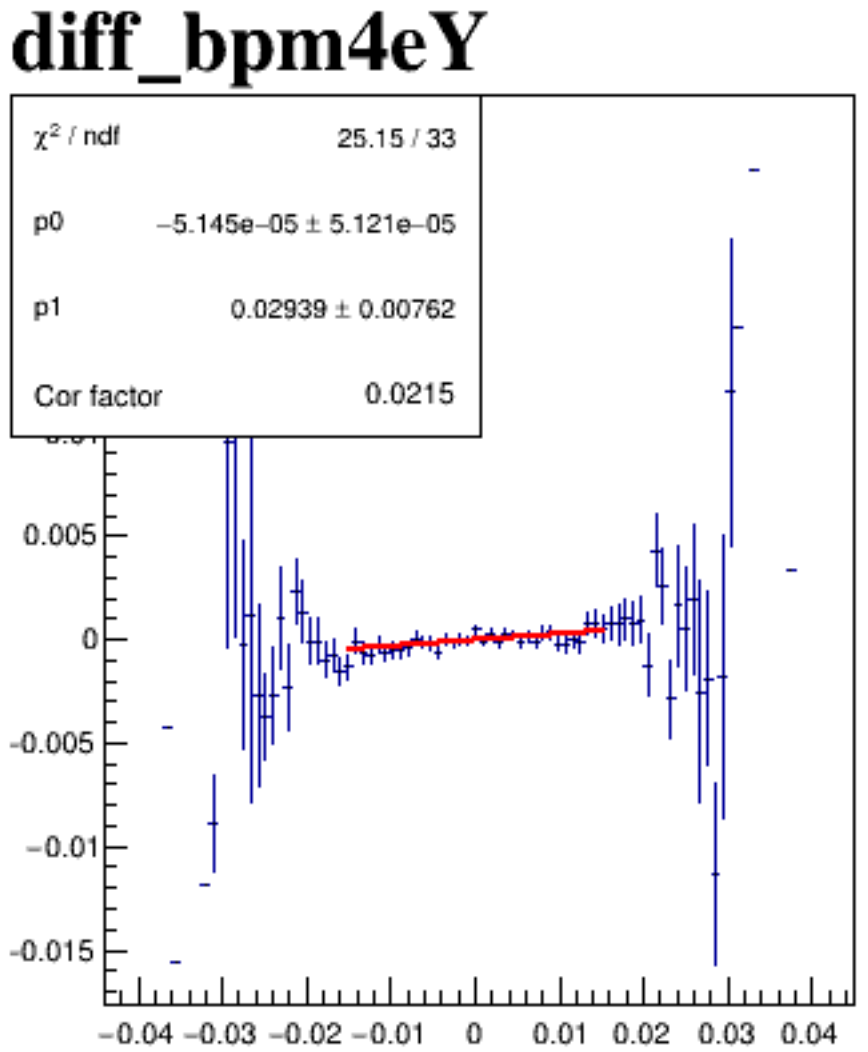
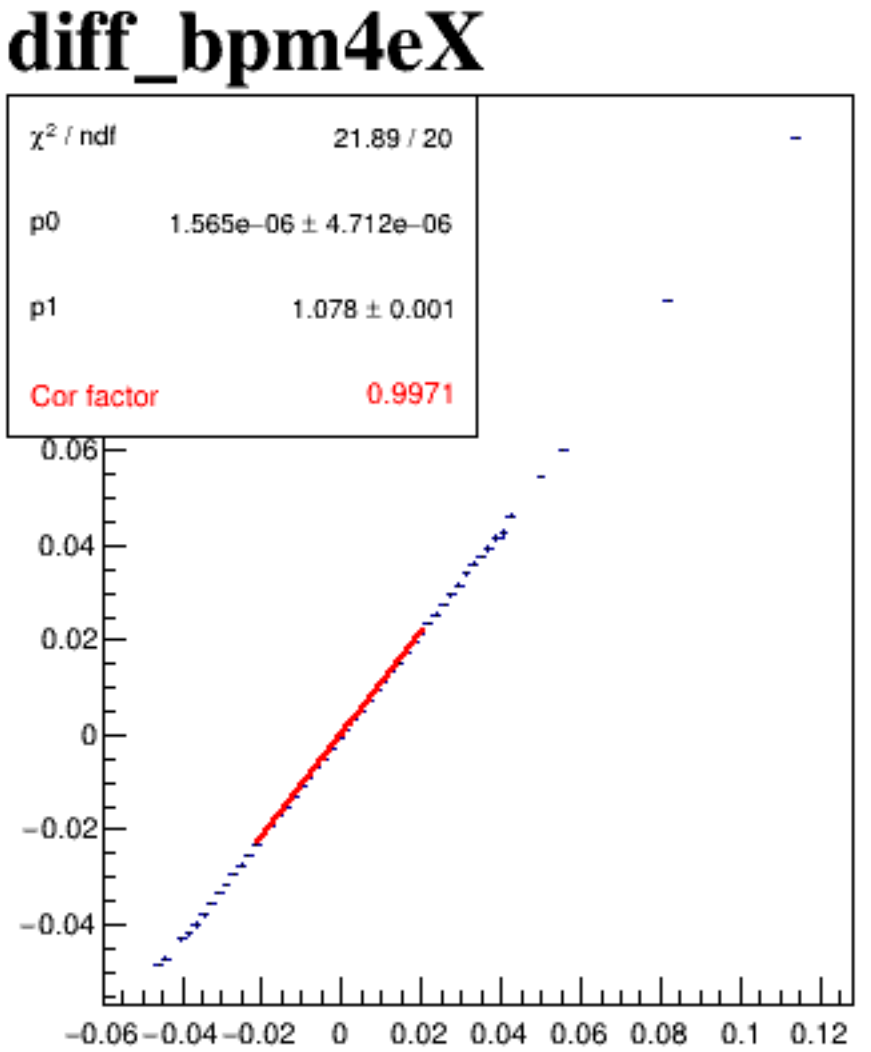
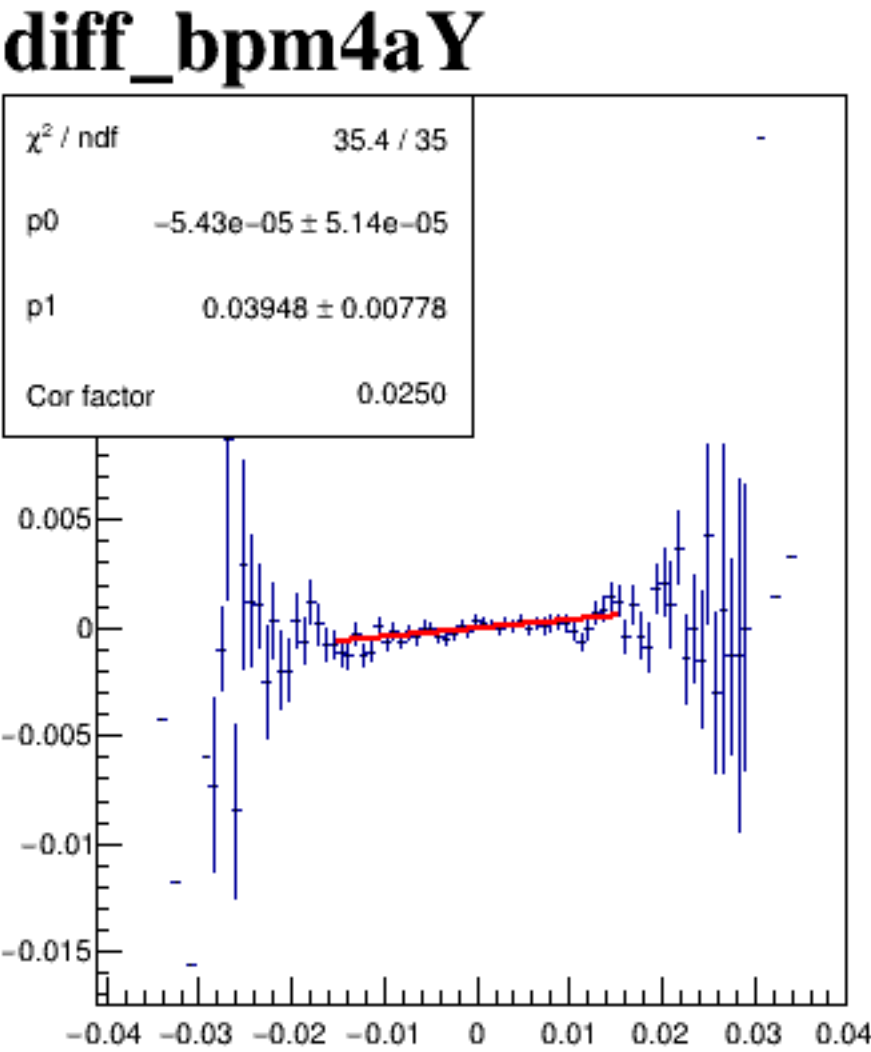
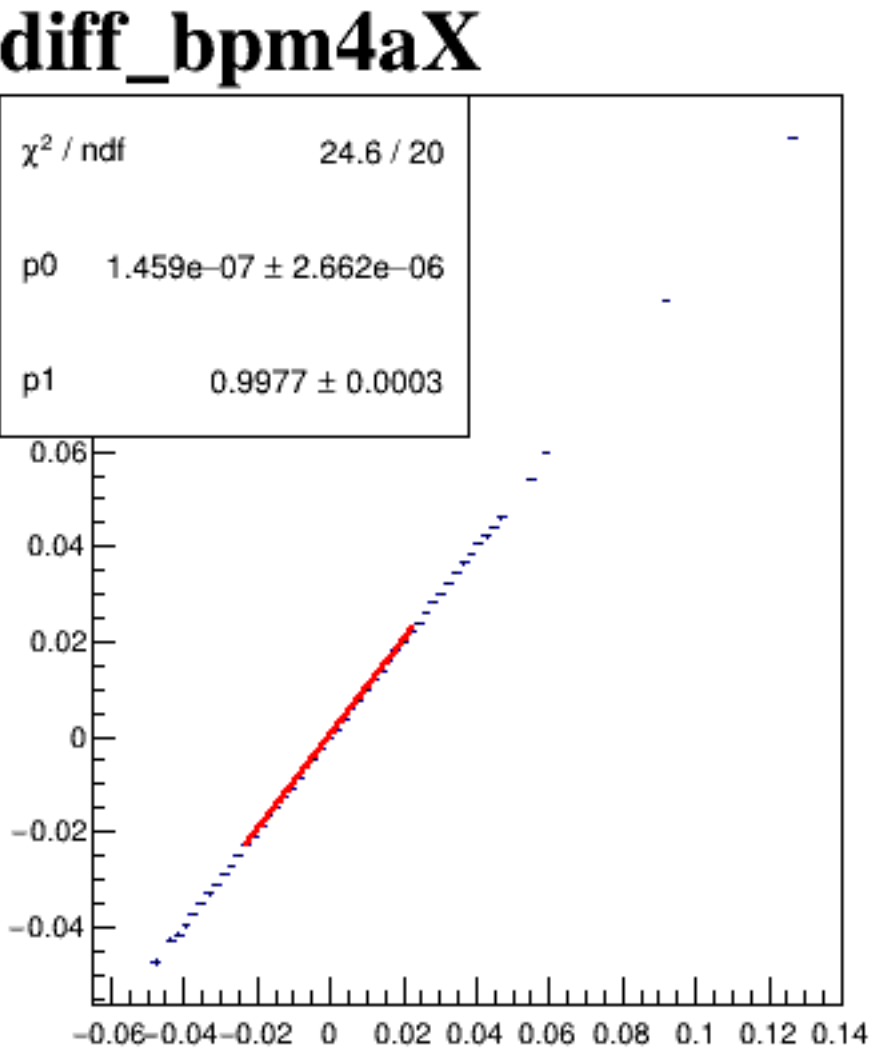
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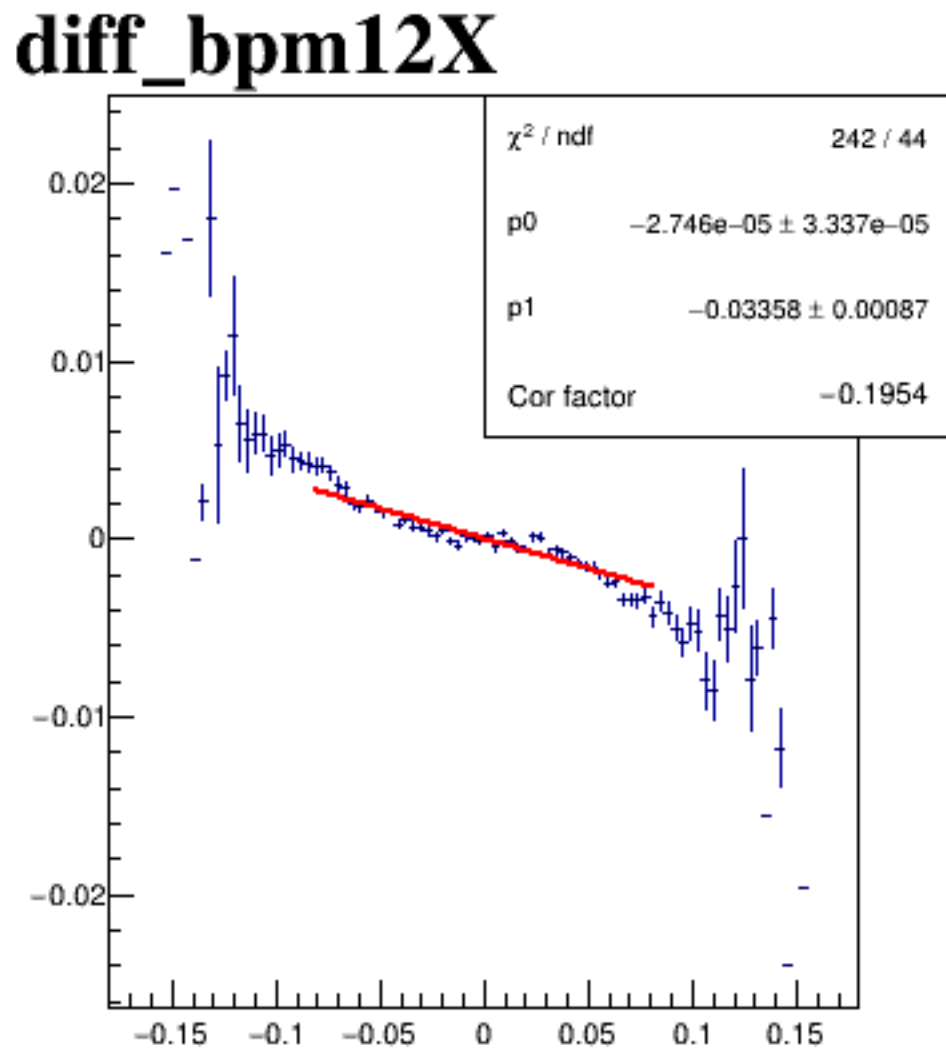
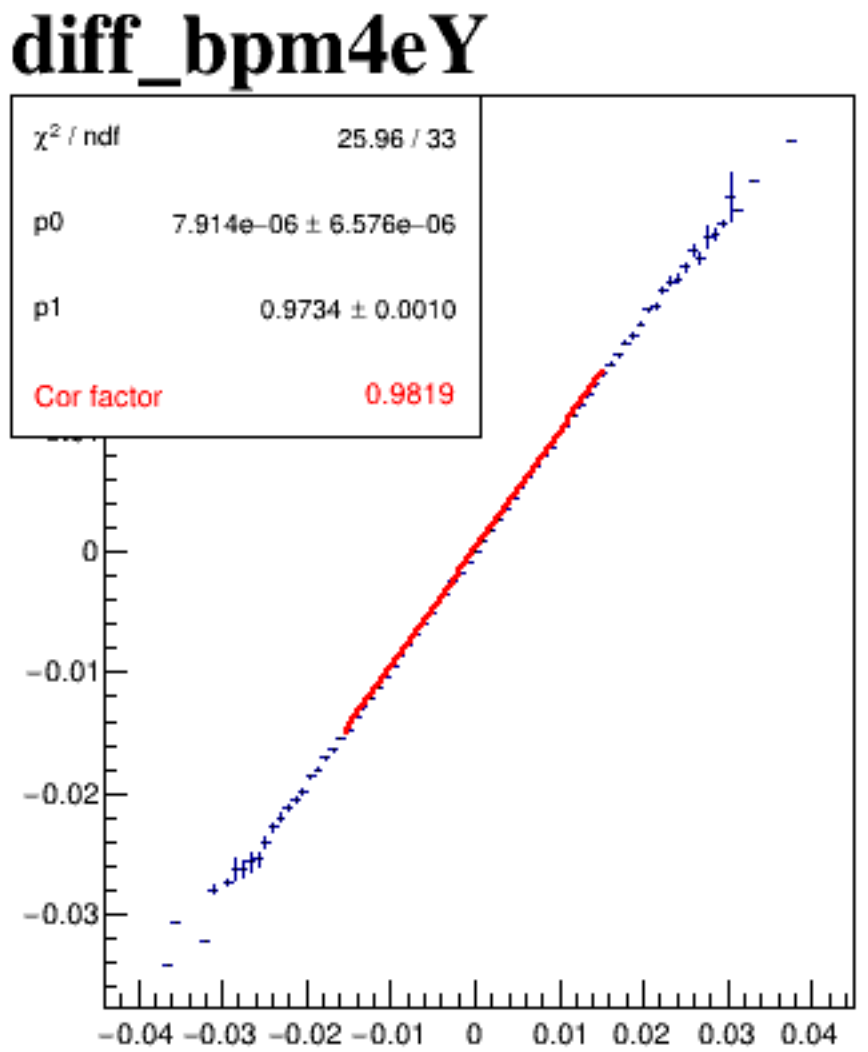
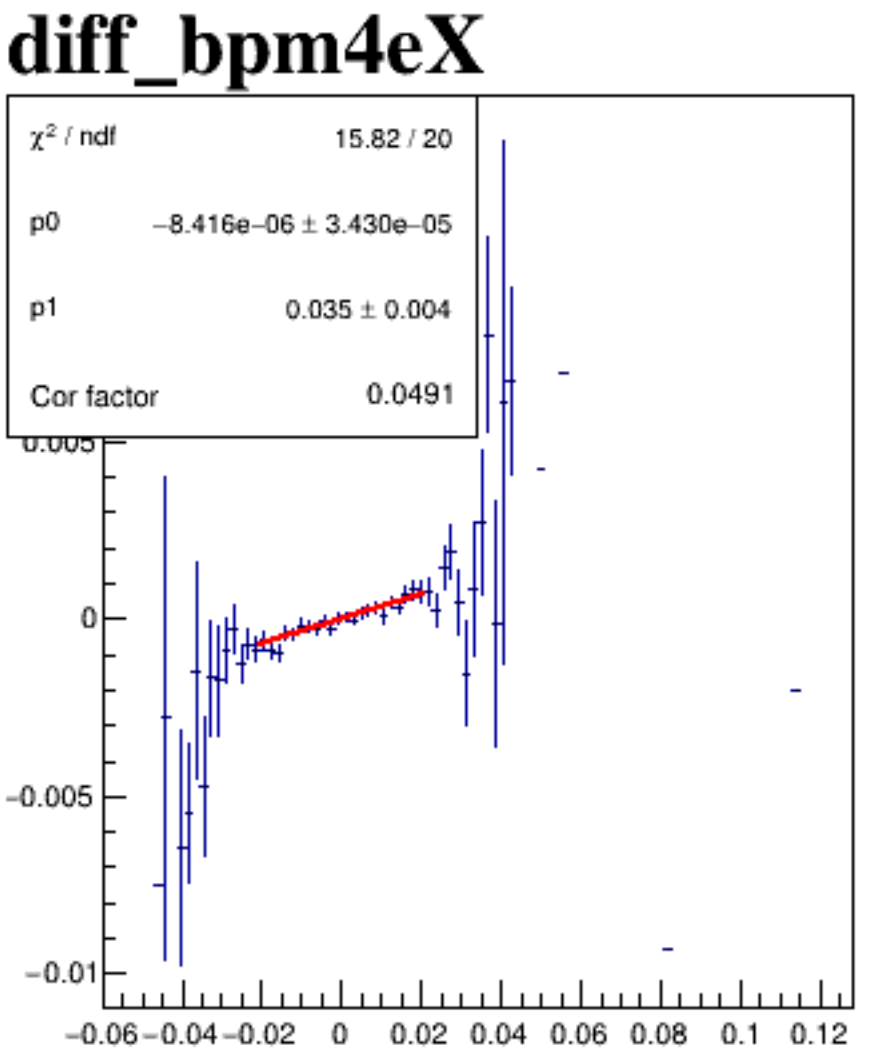
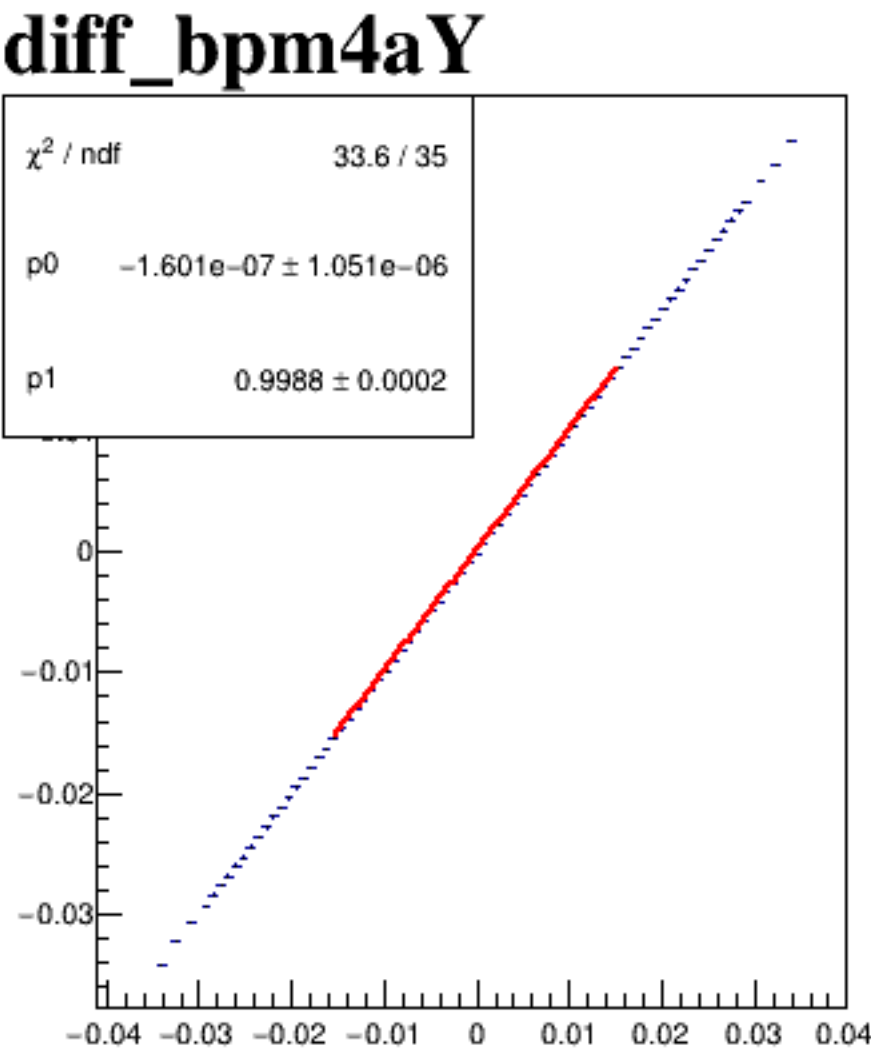
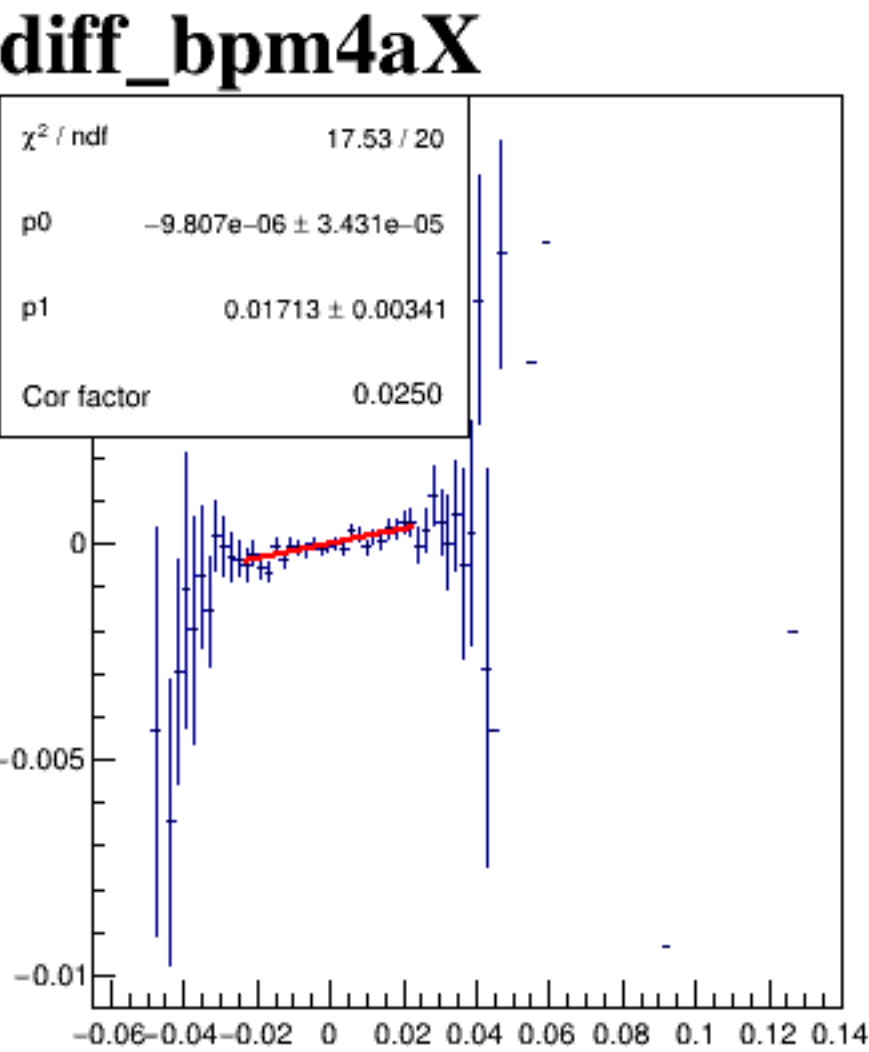
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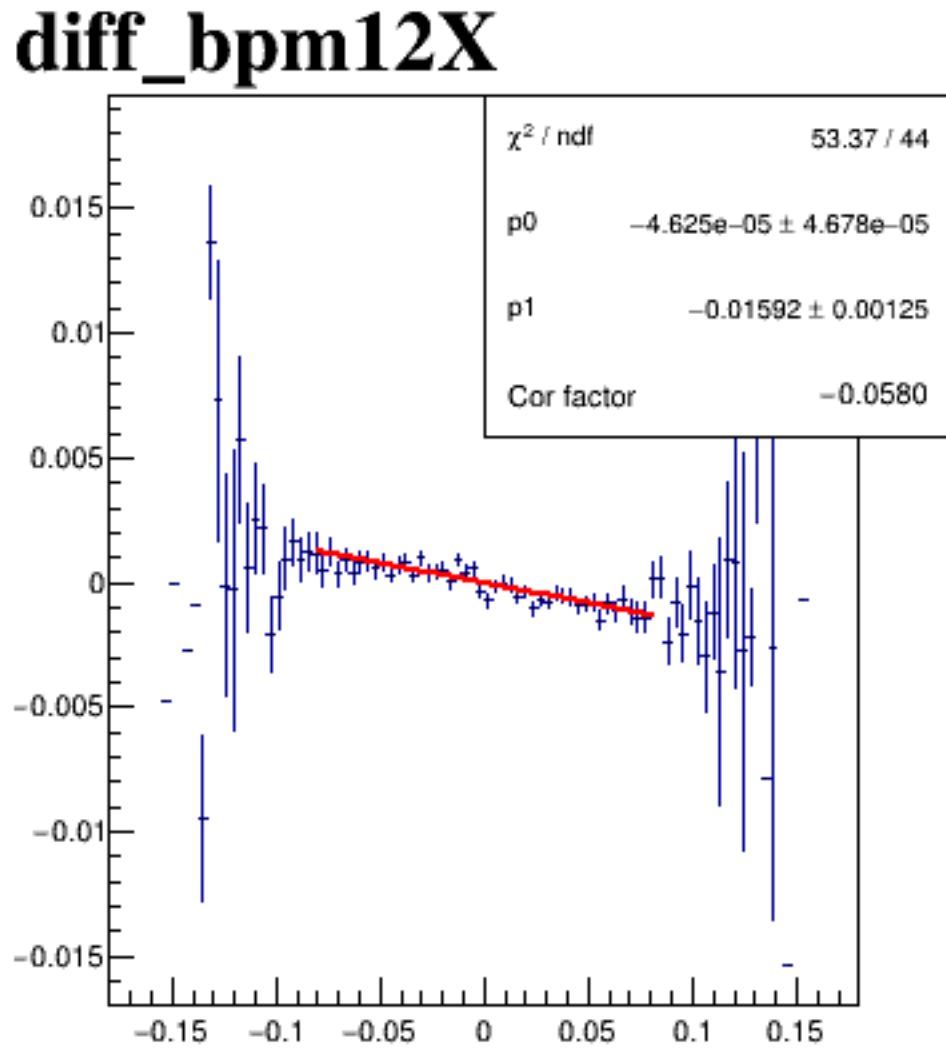
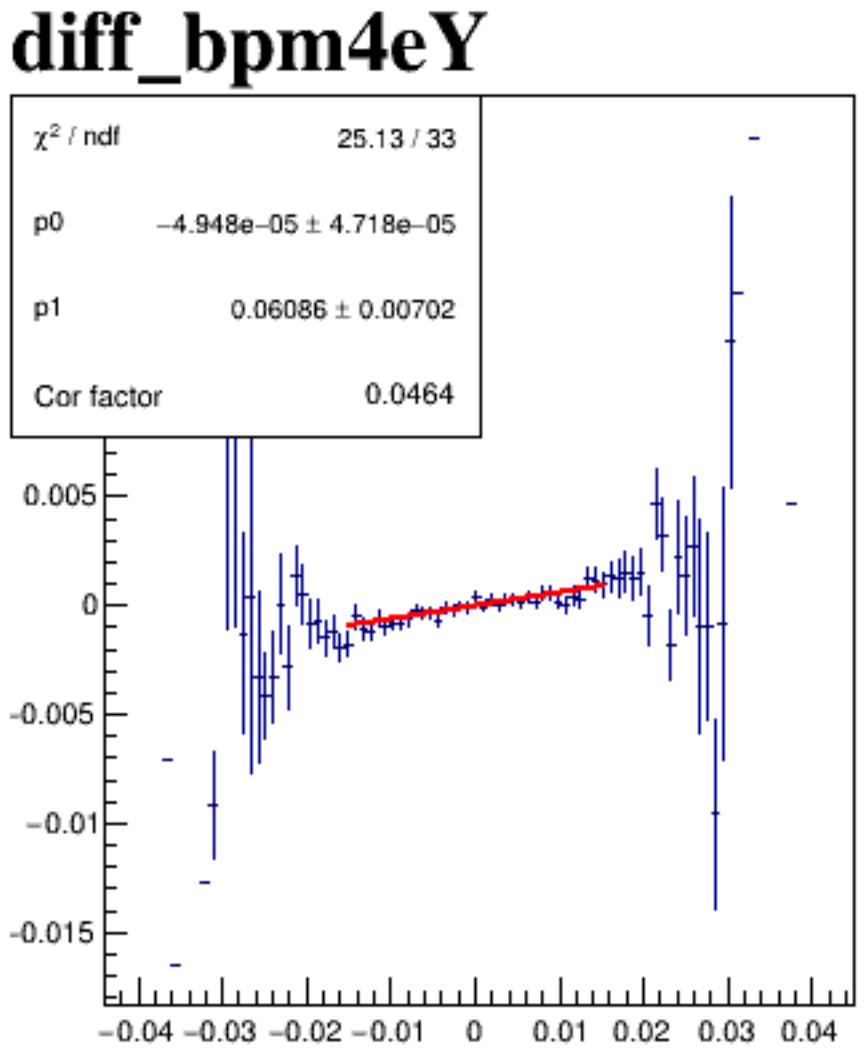
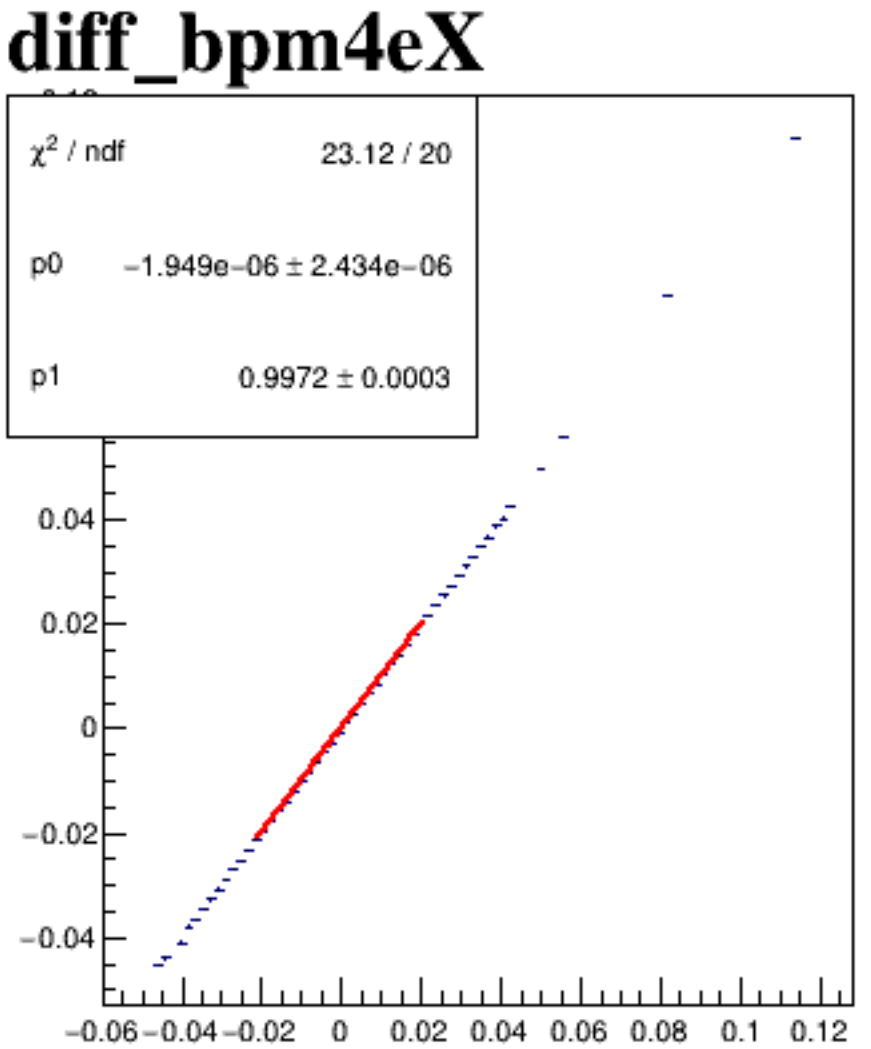
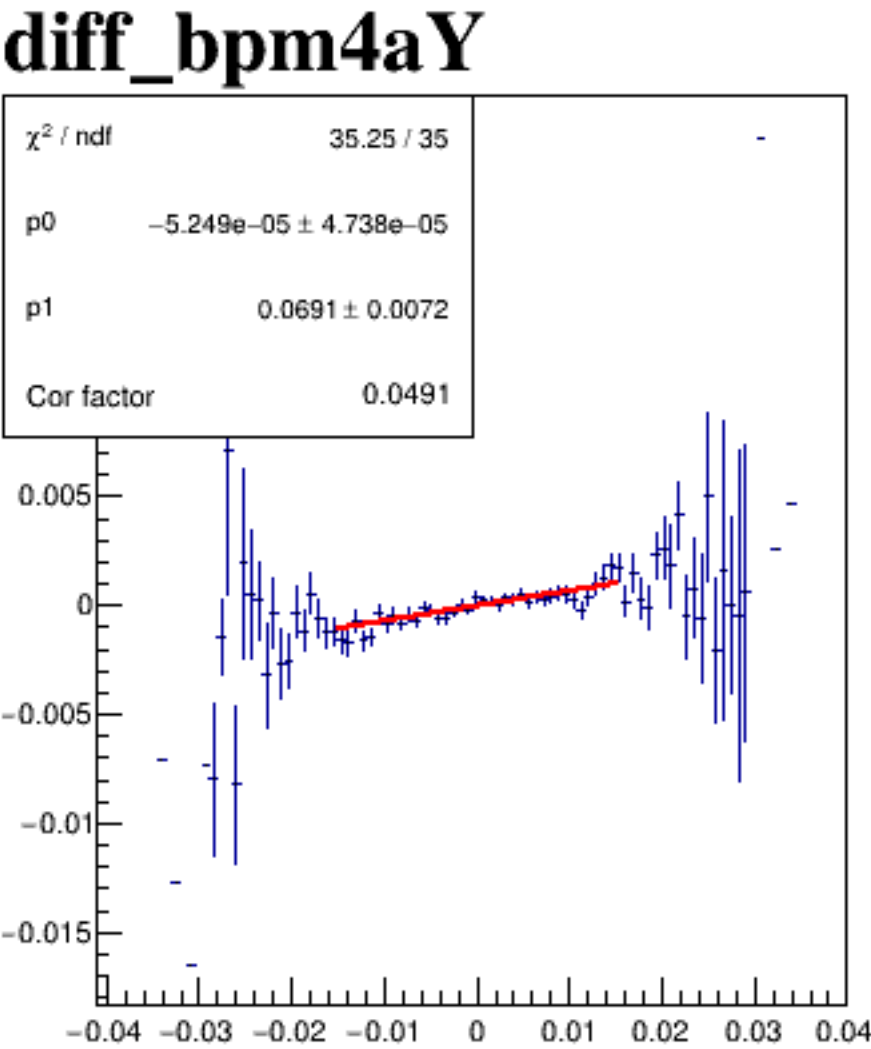
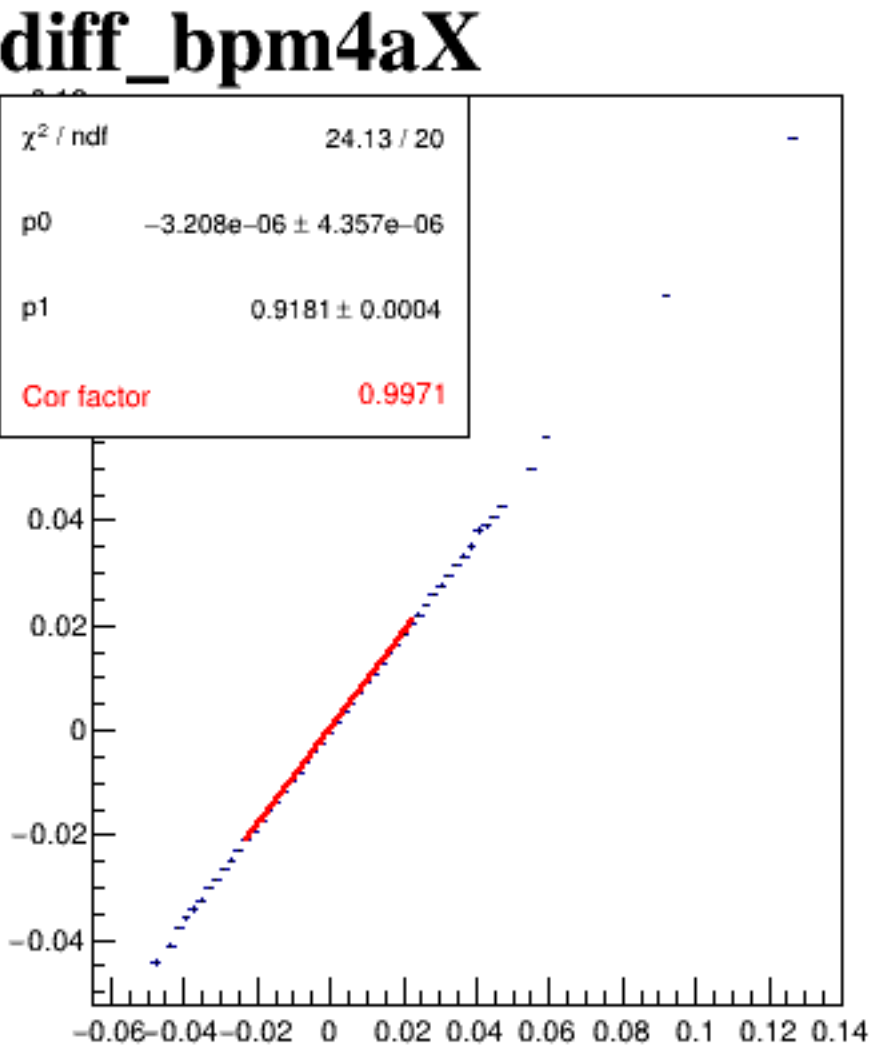
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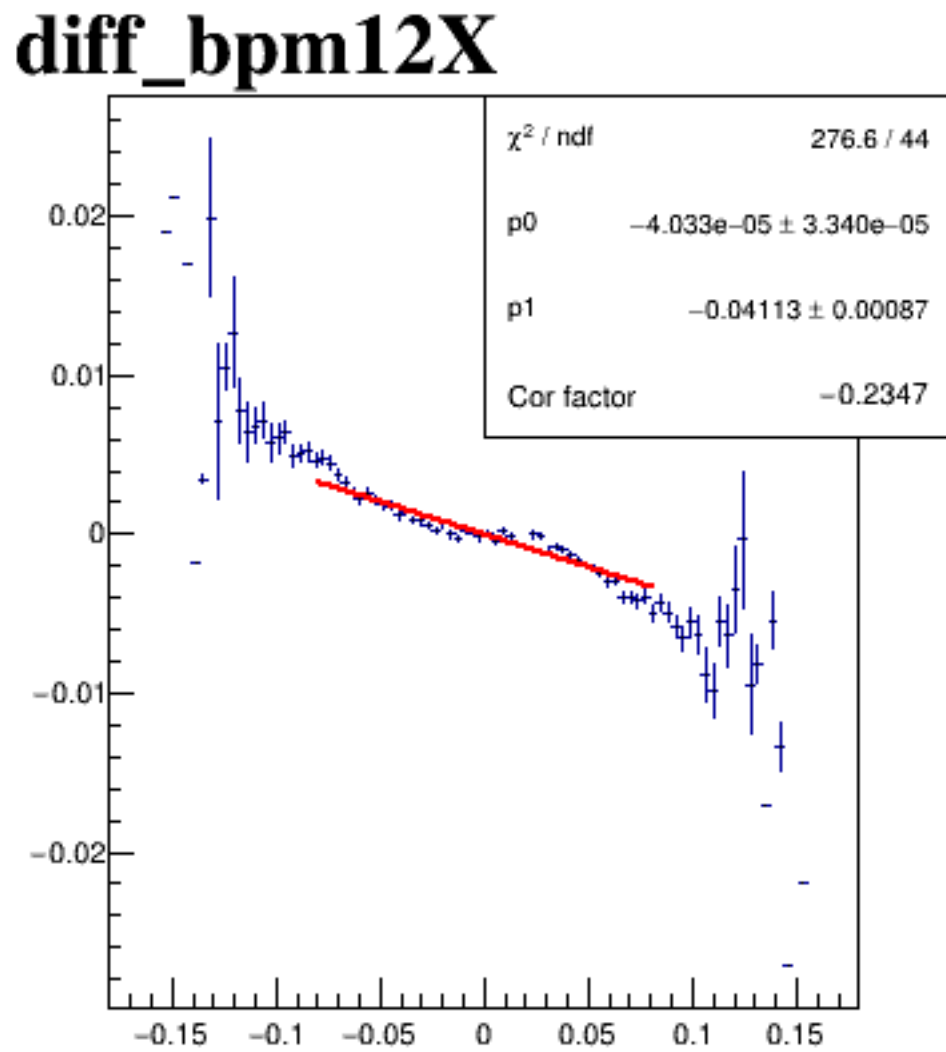
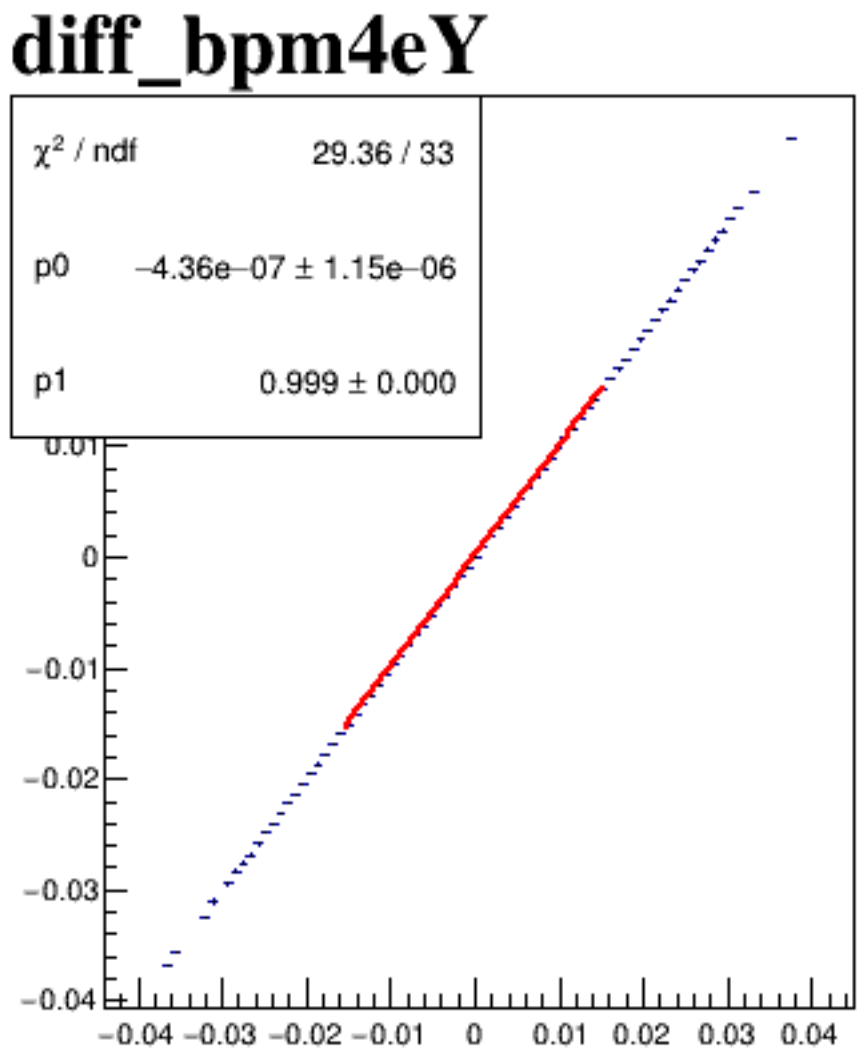
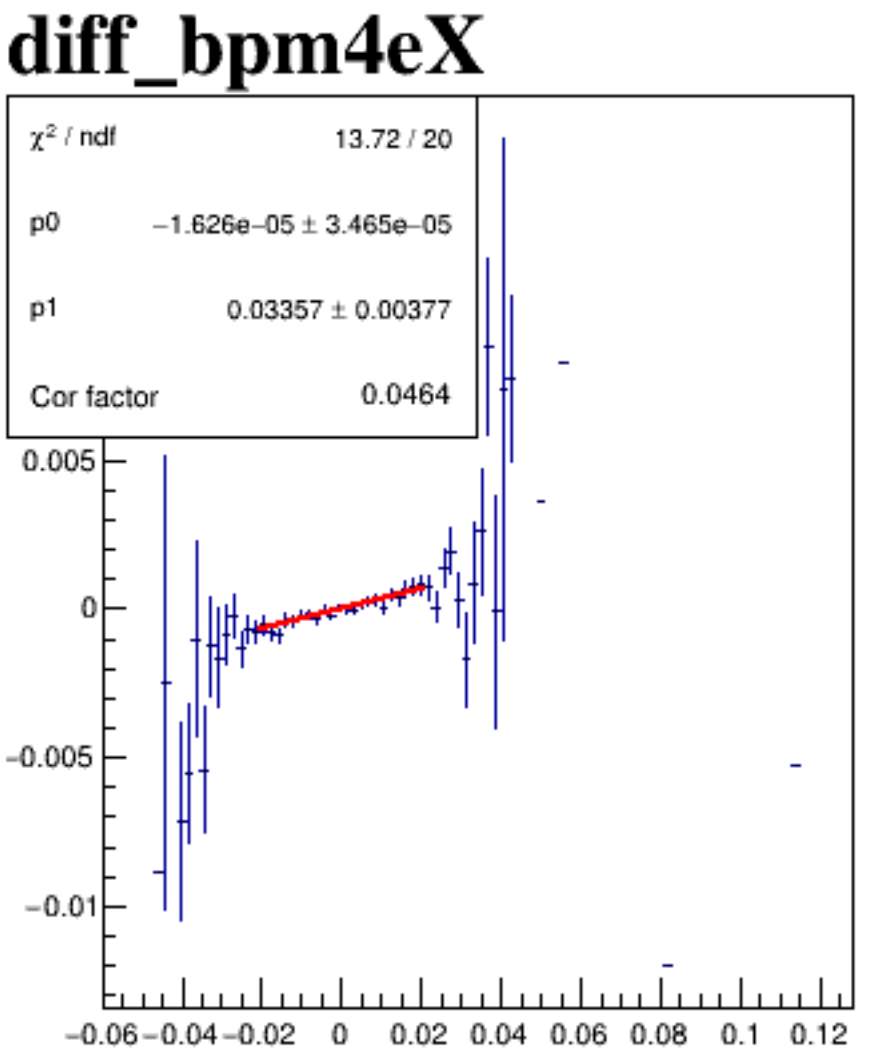
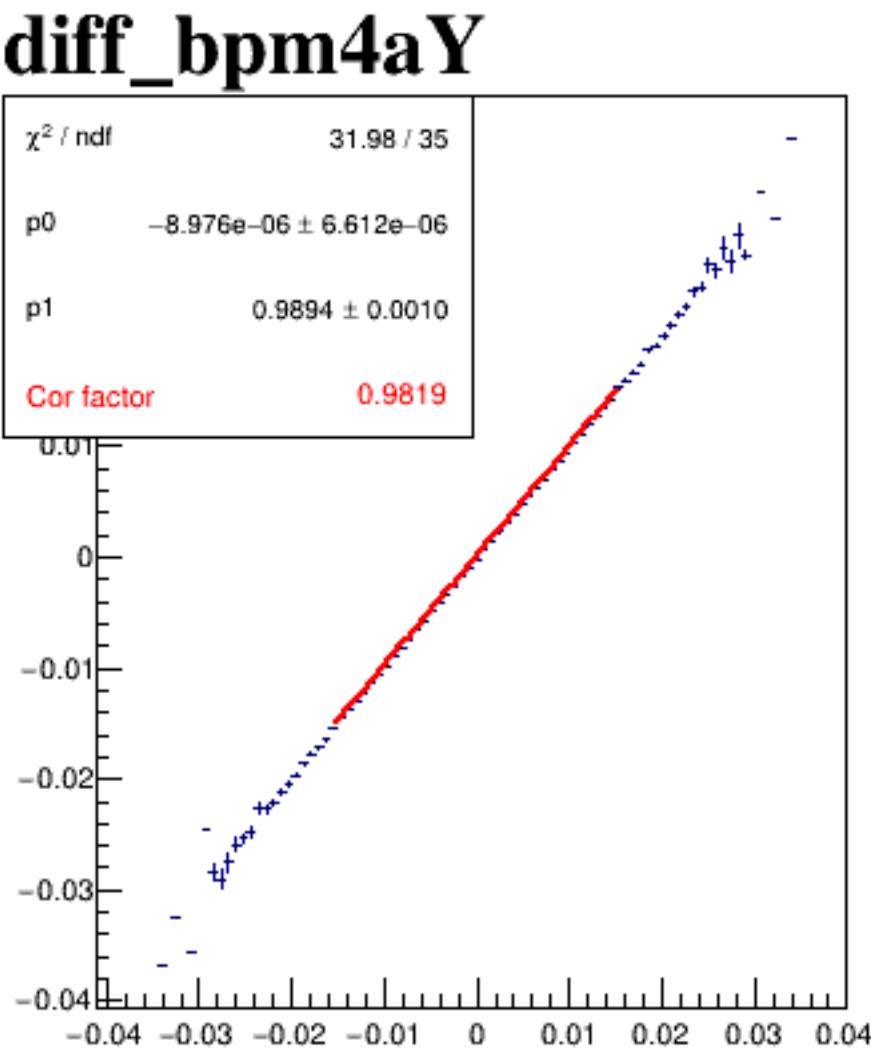
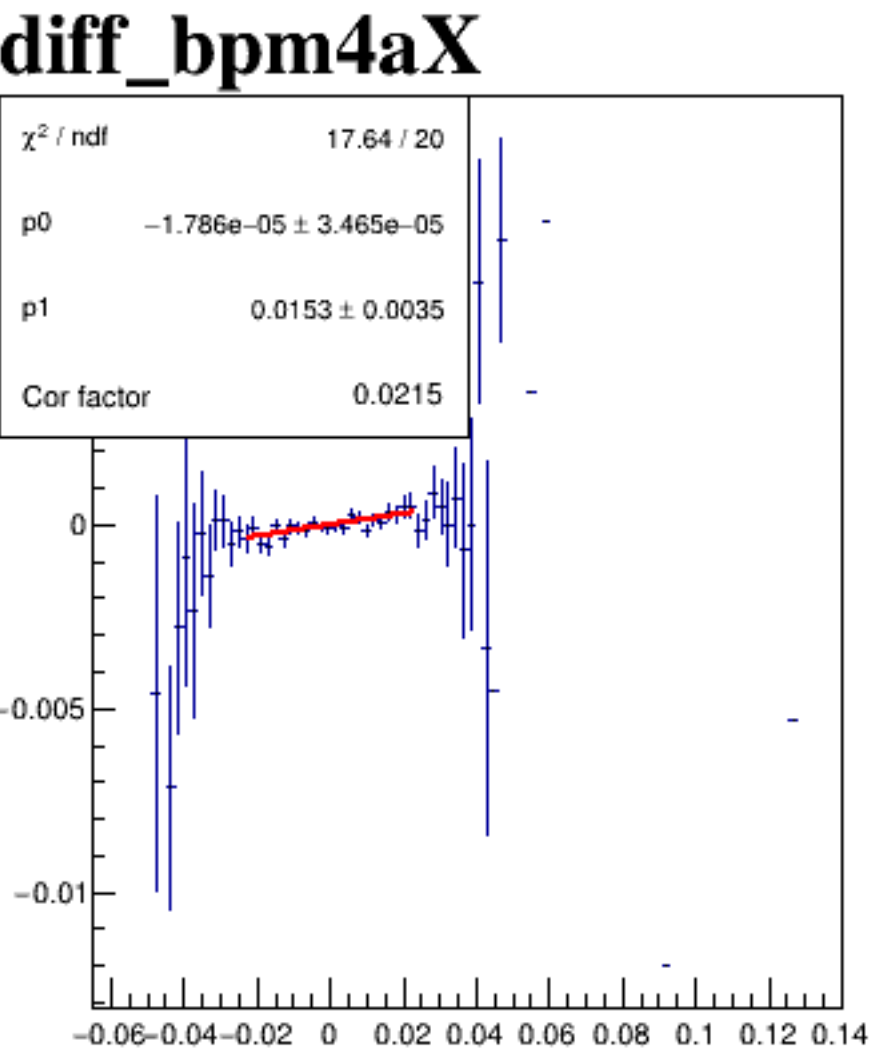
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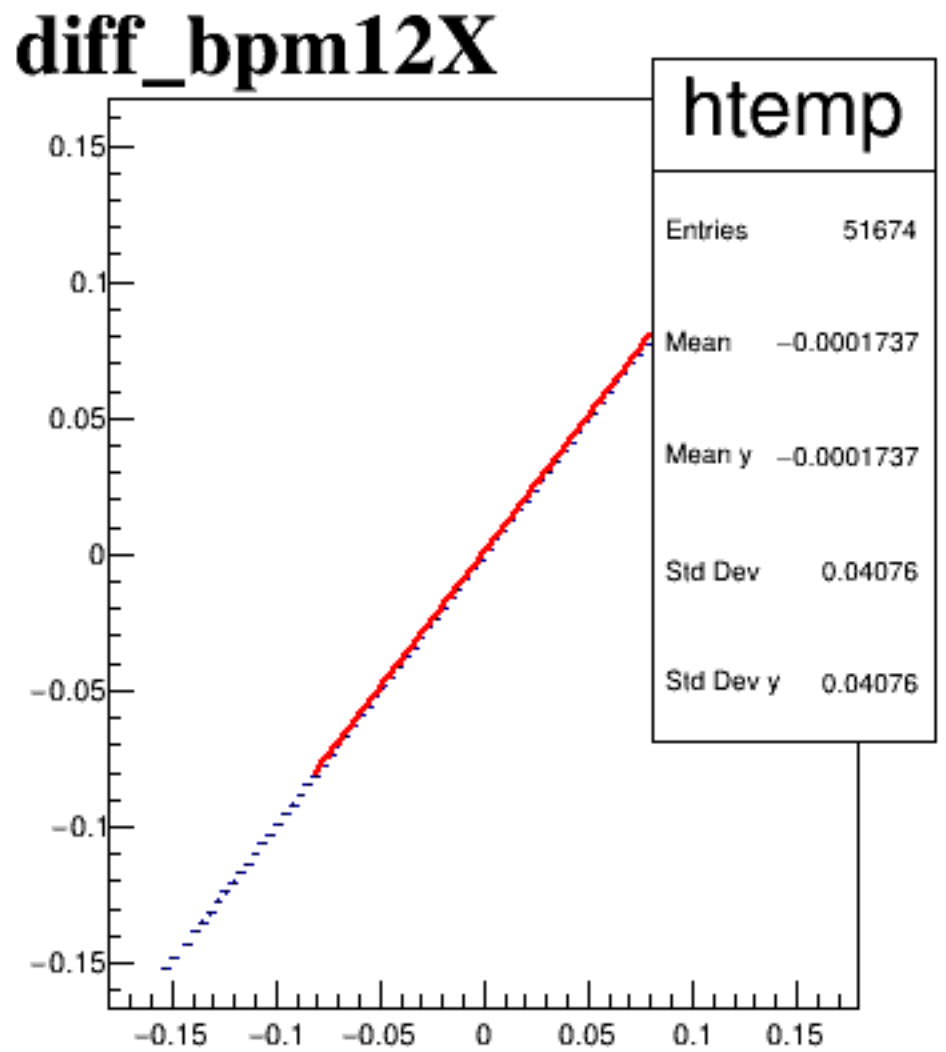
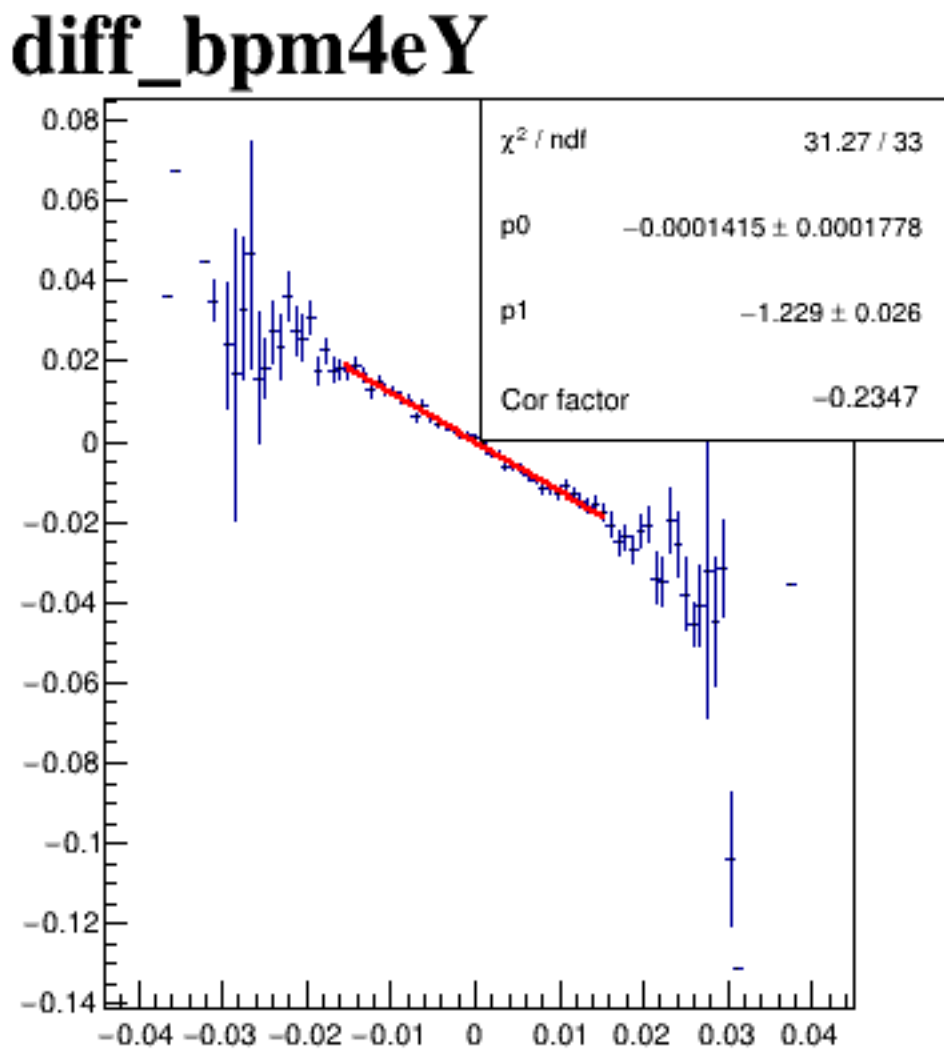
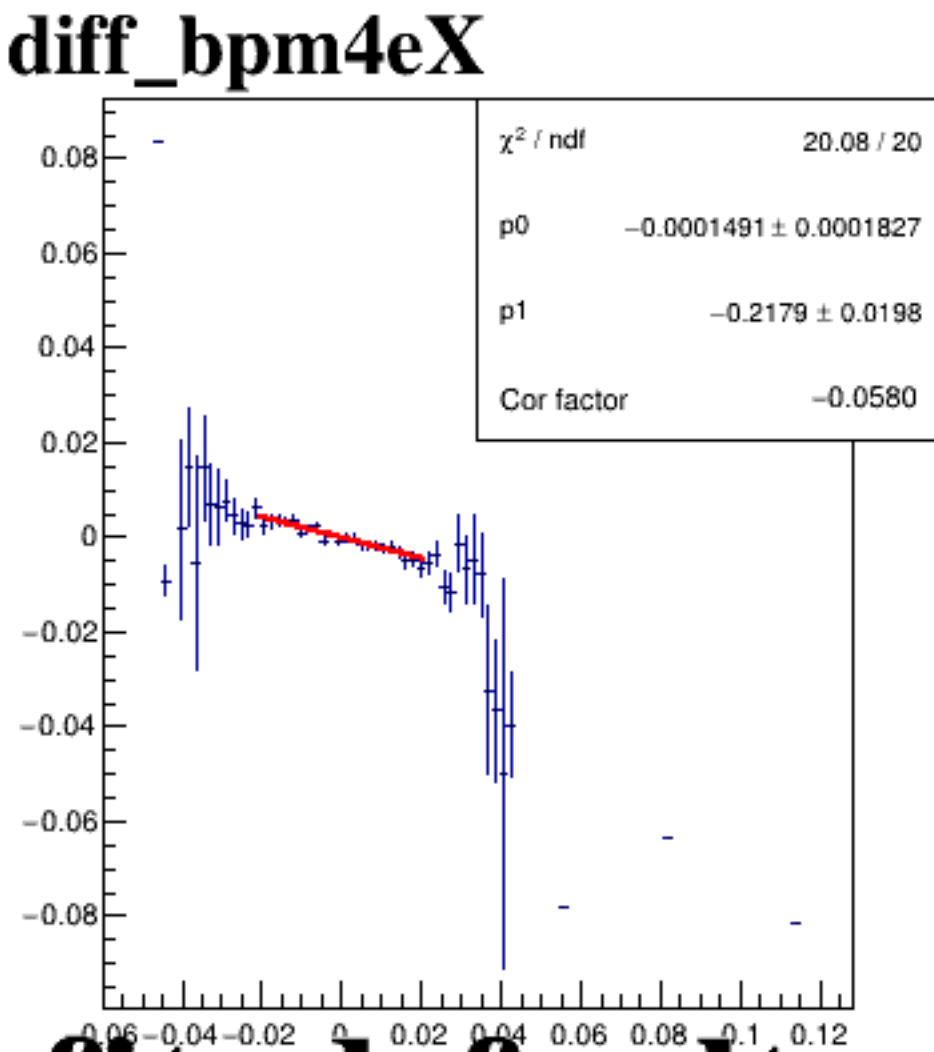
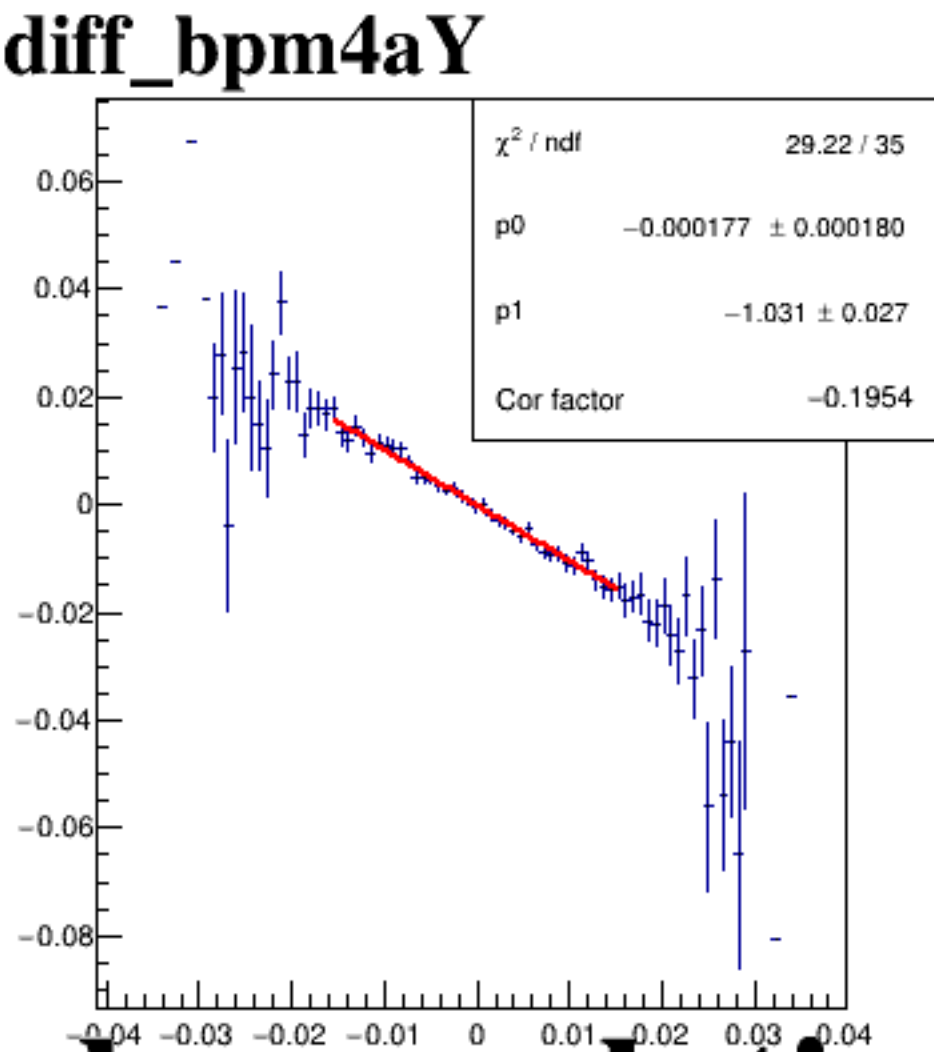
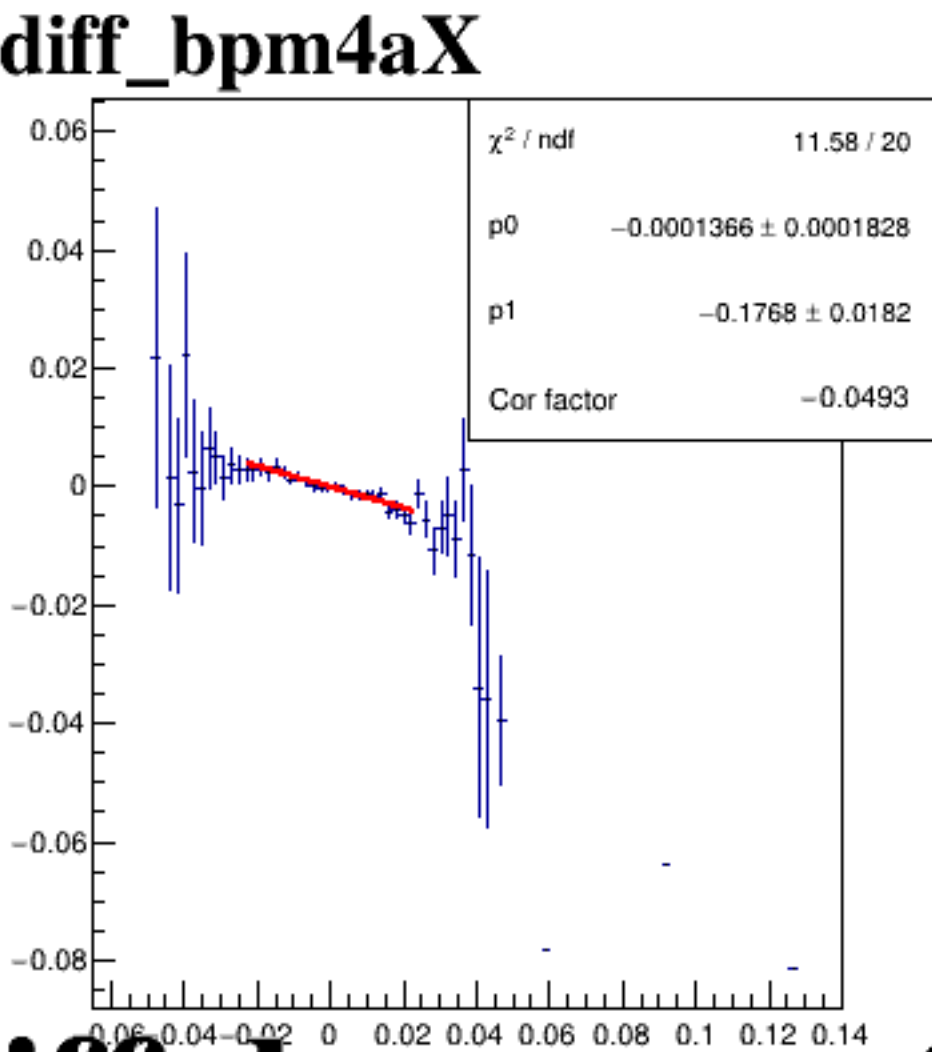
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diff_bpm4eY

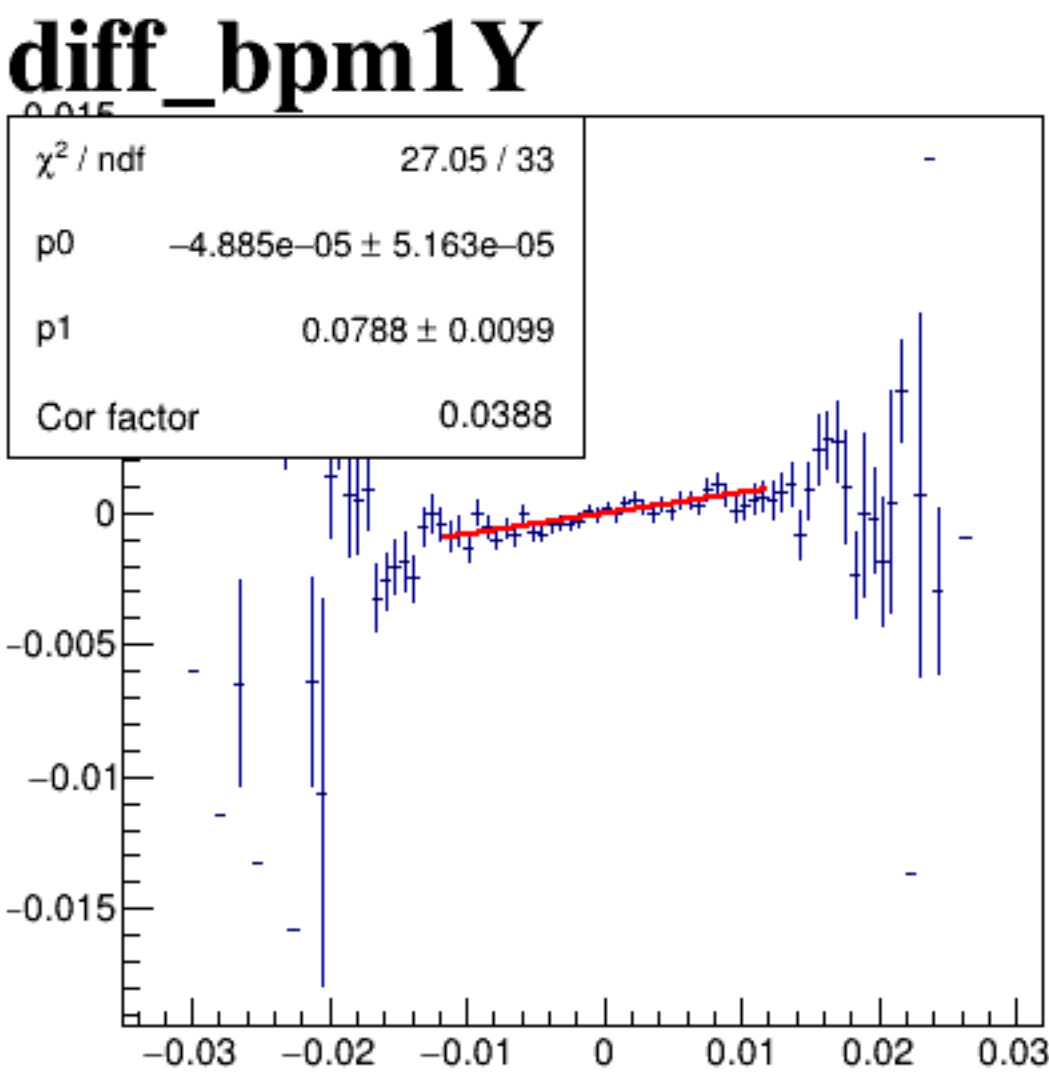
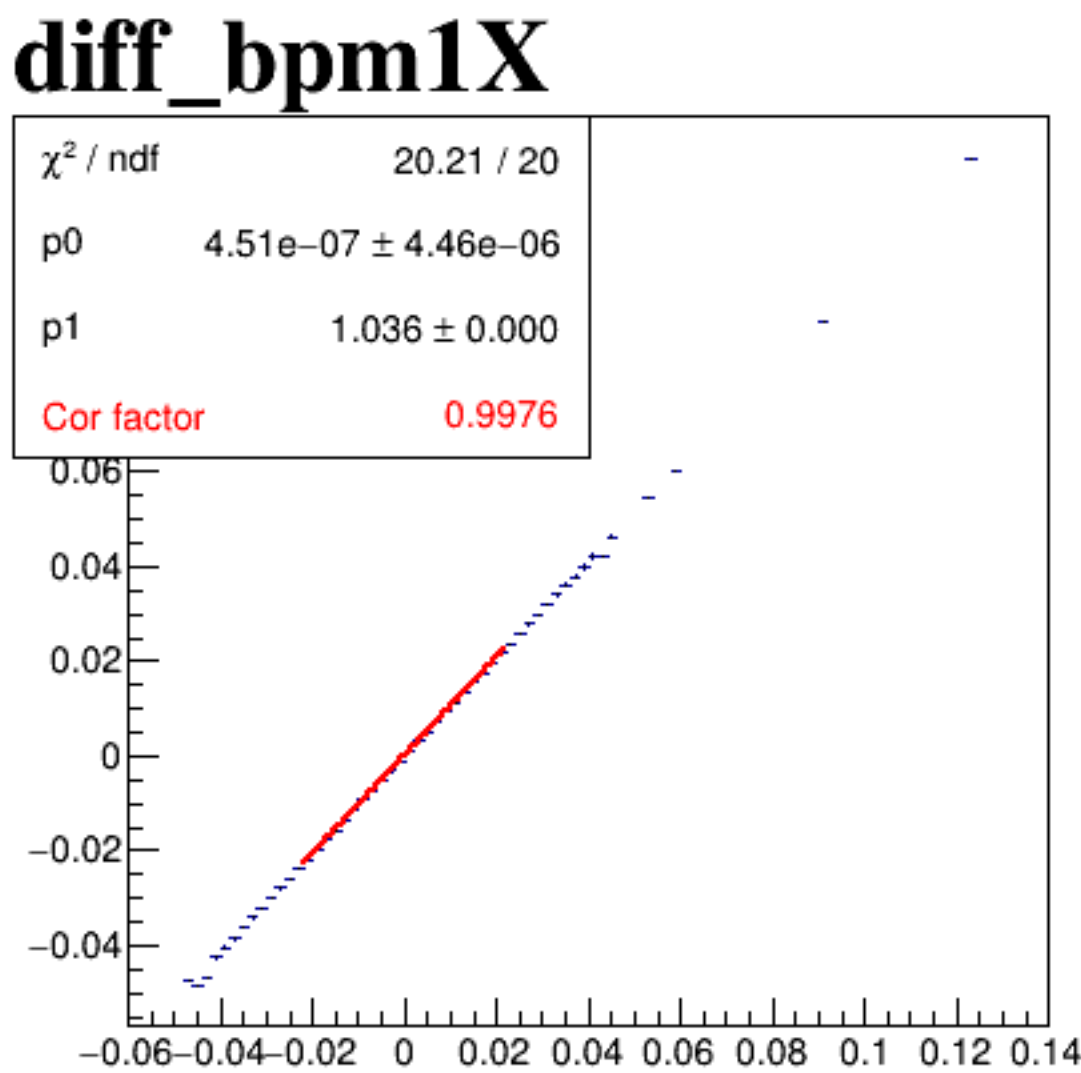
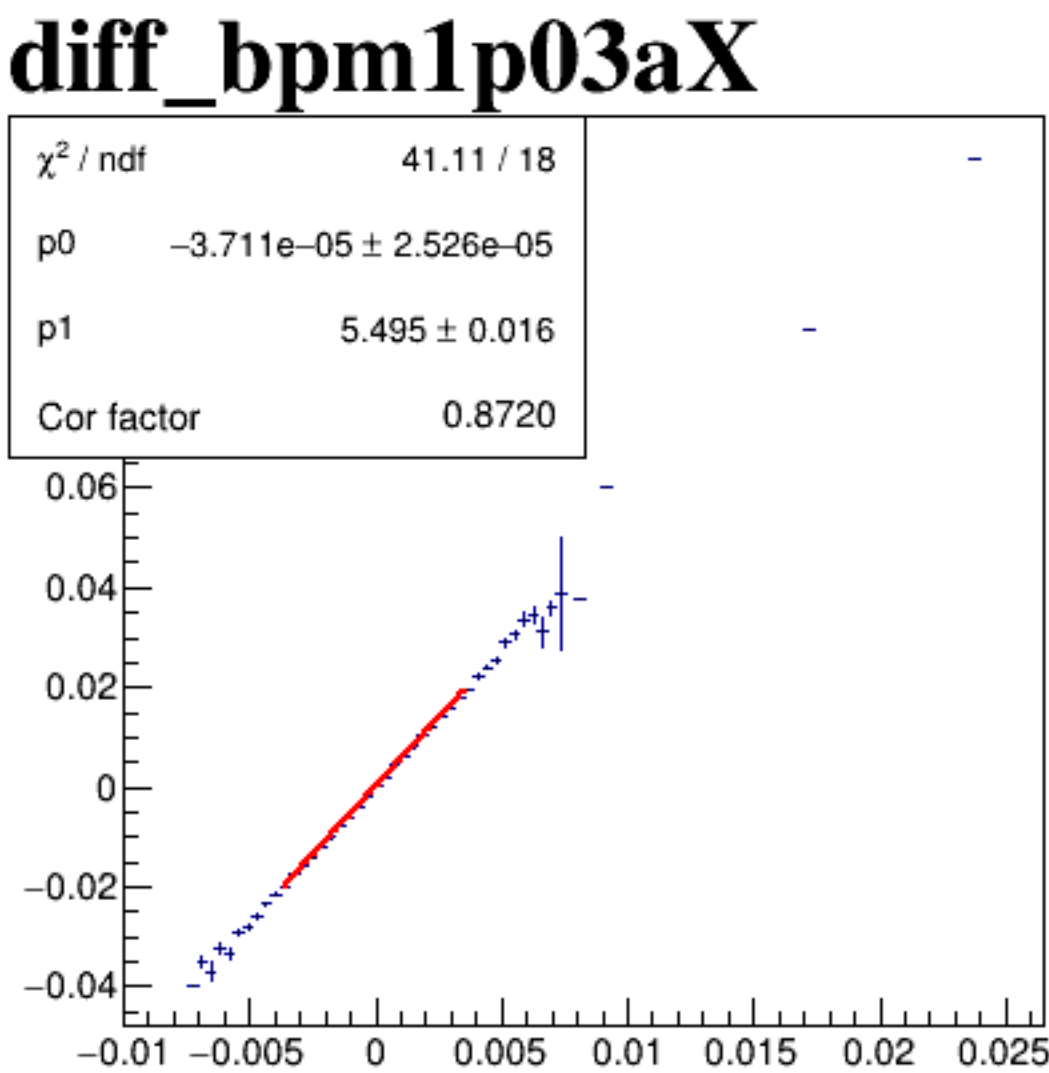
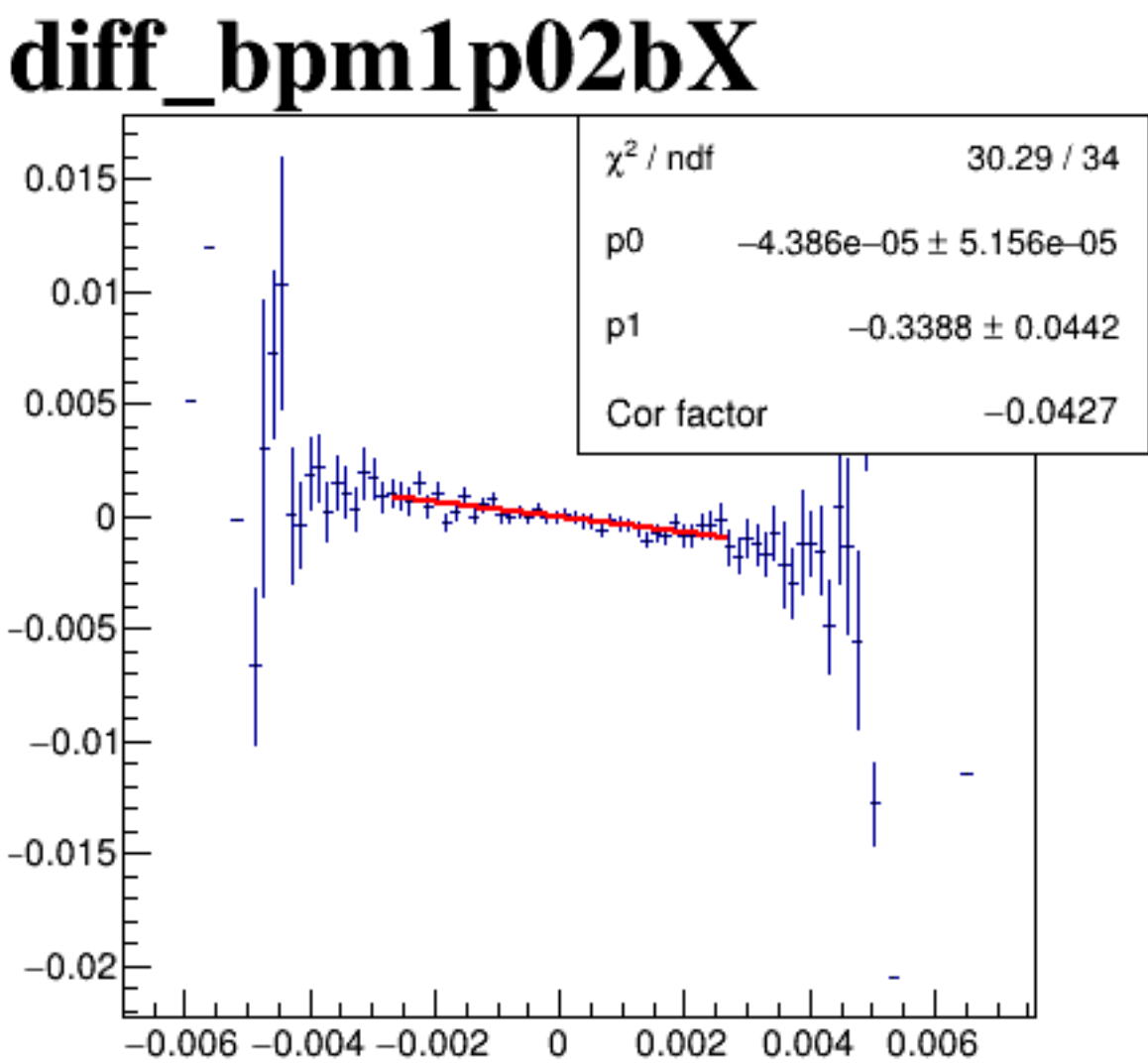


diff_bpm12X

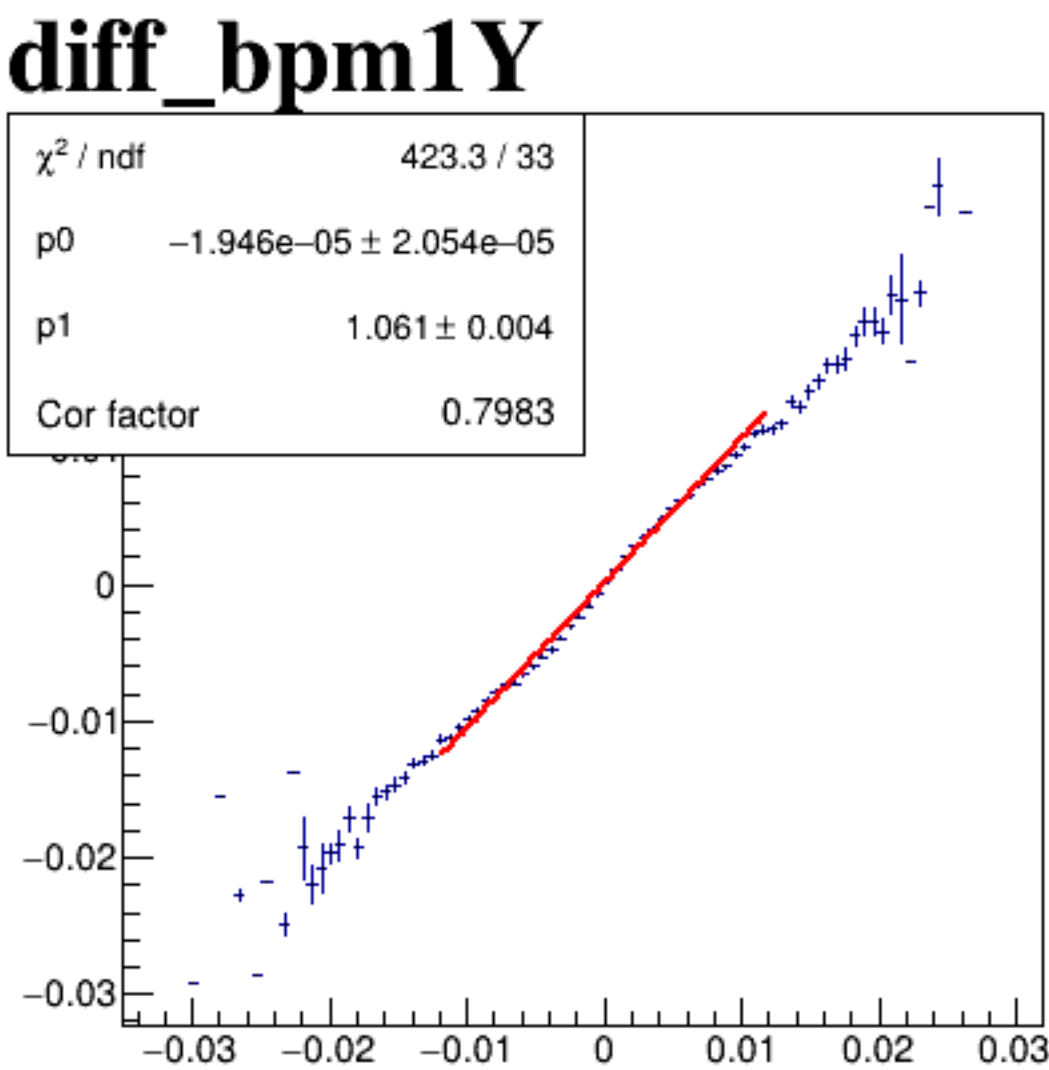
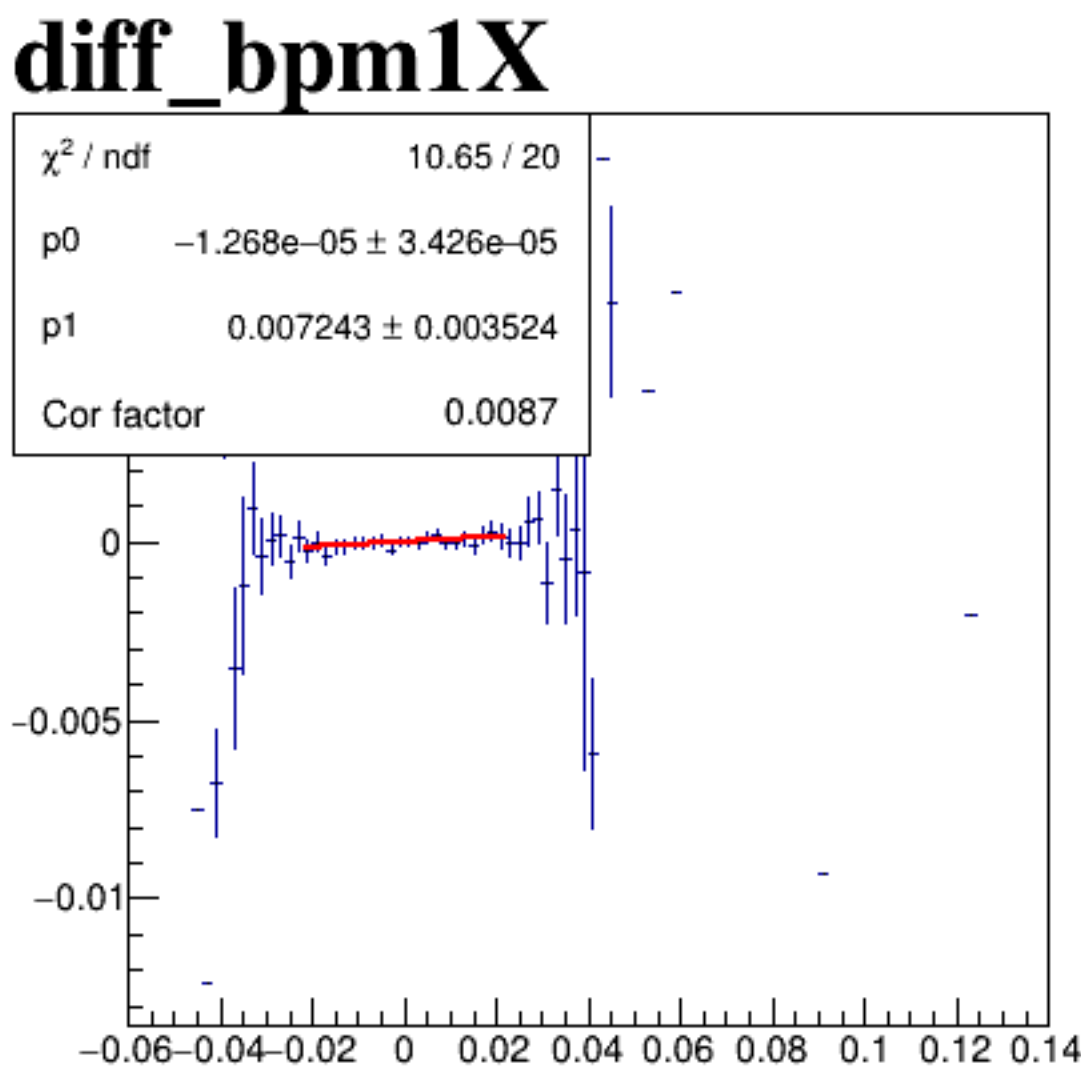
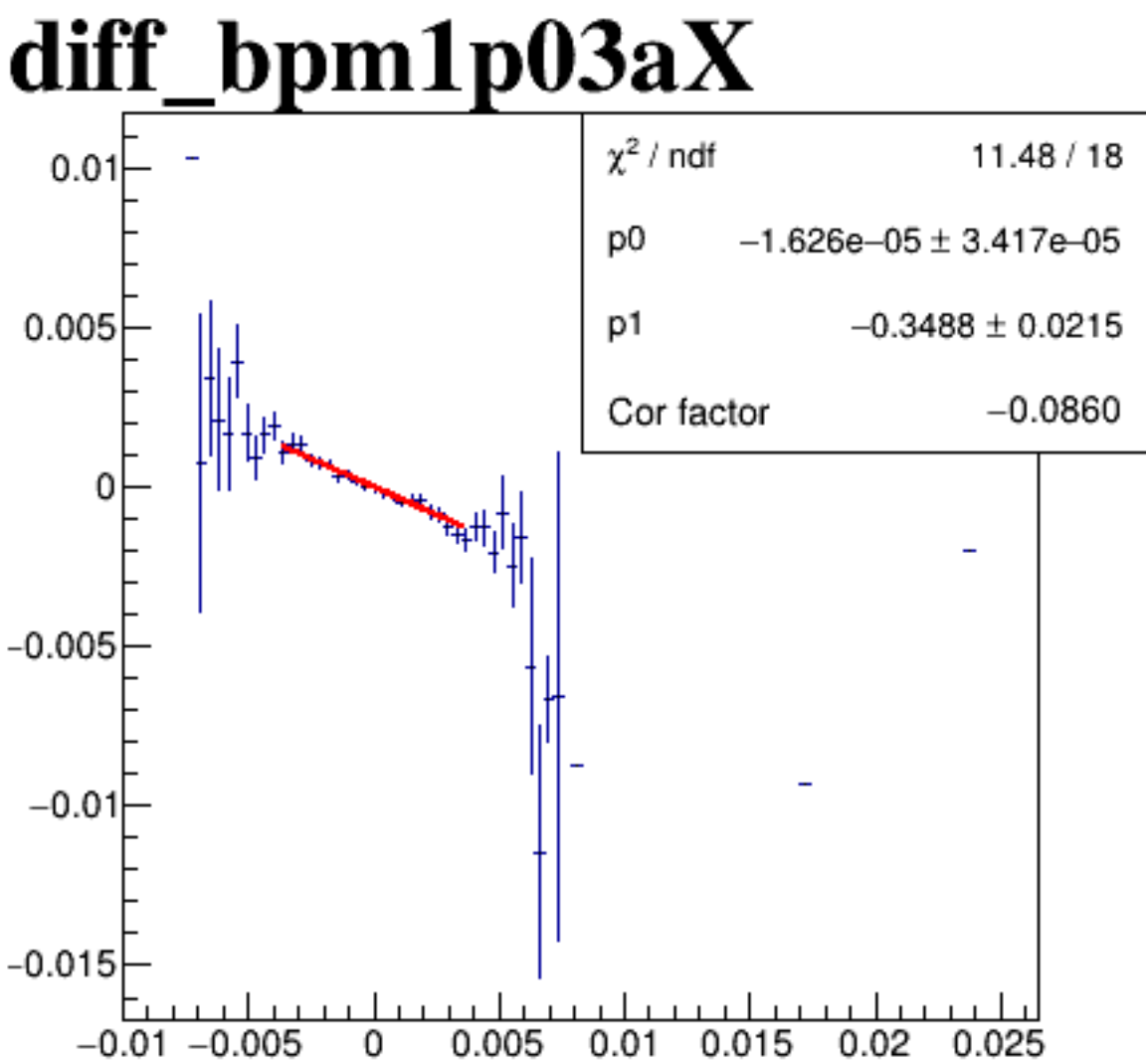
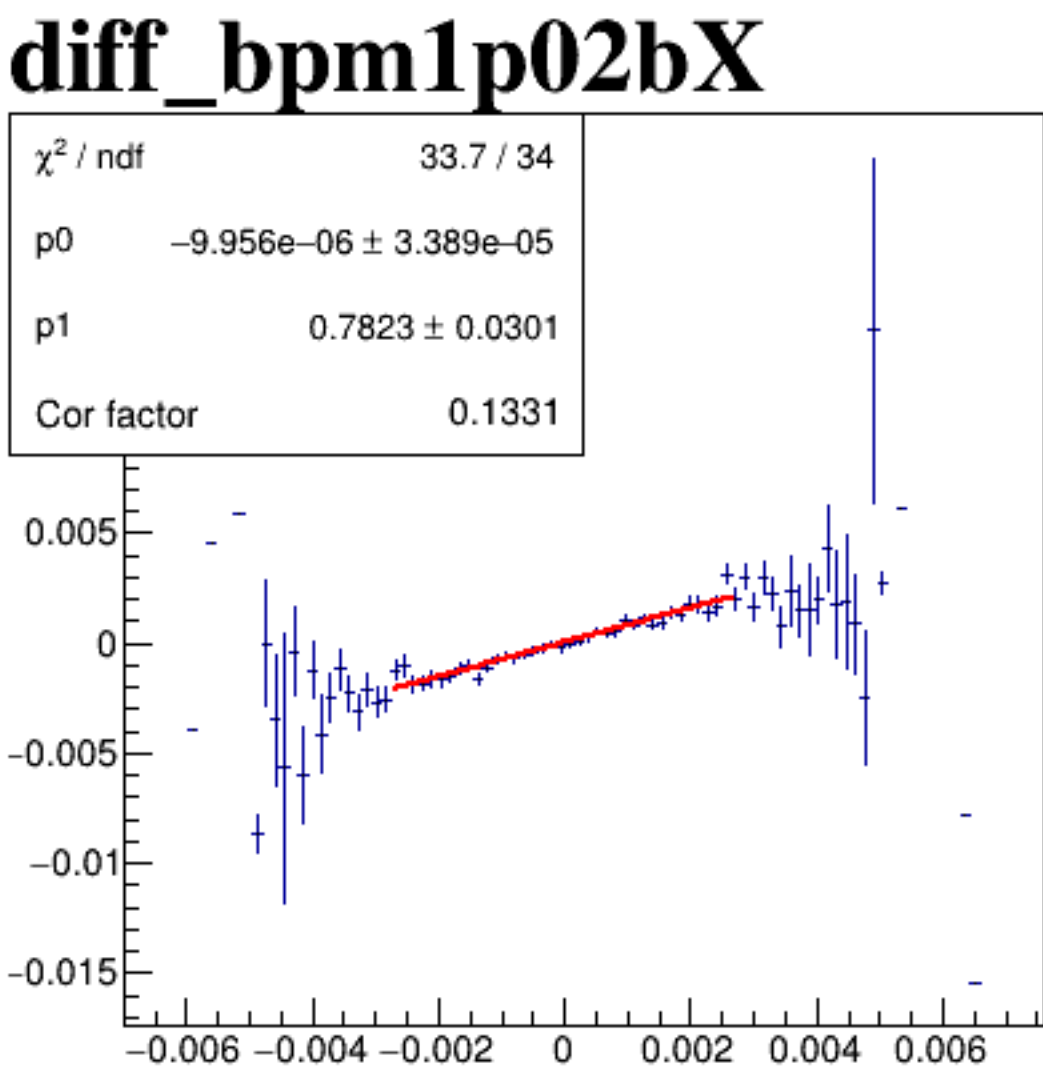


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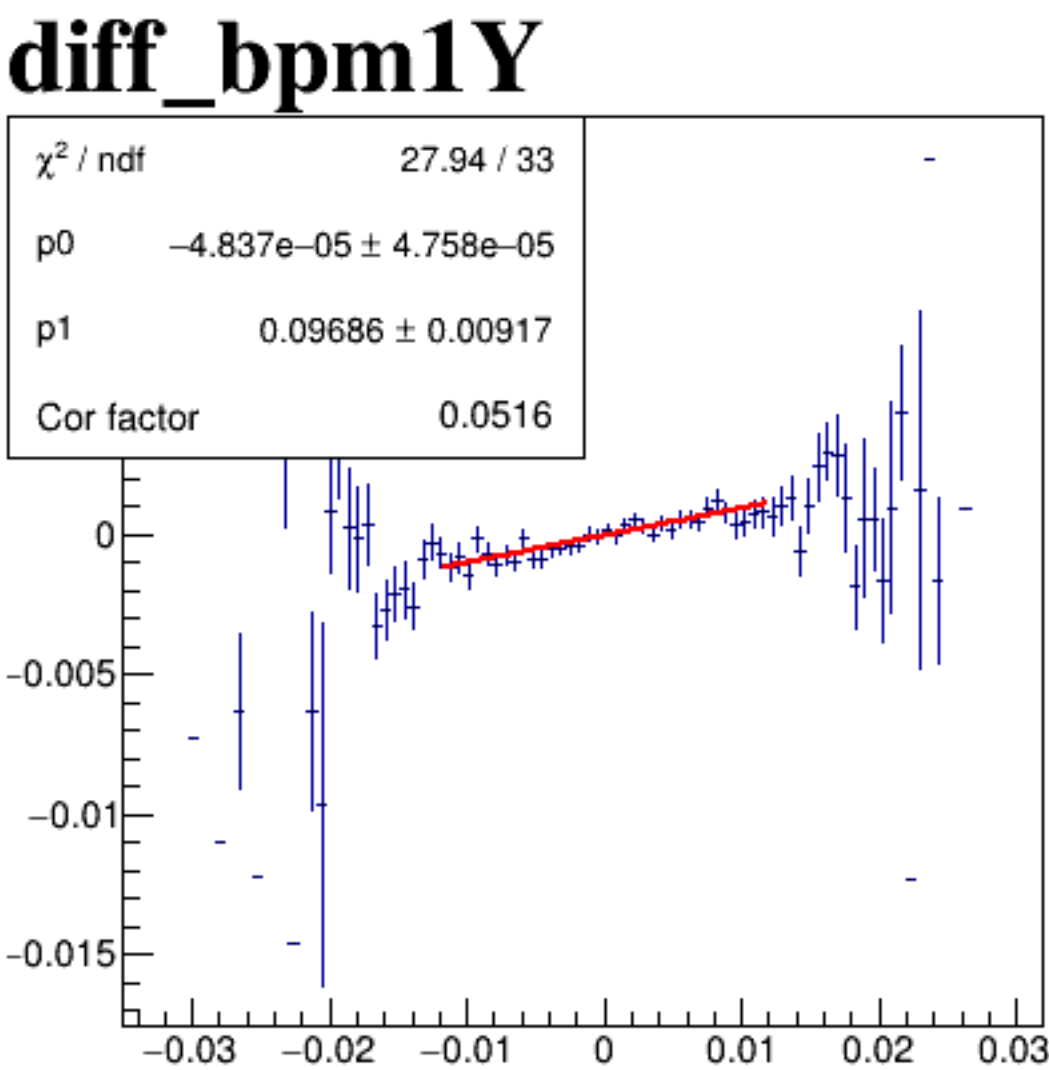
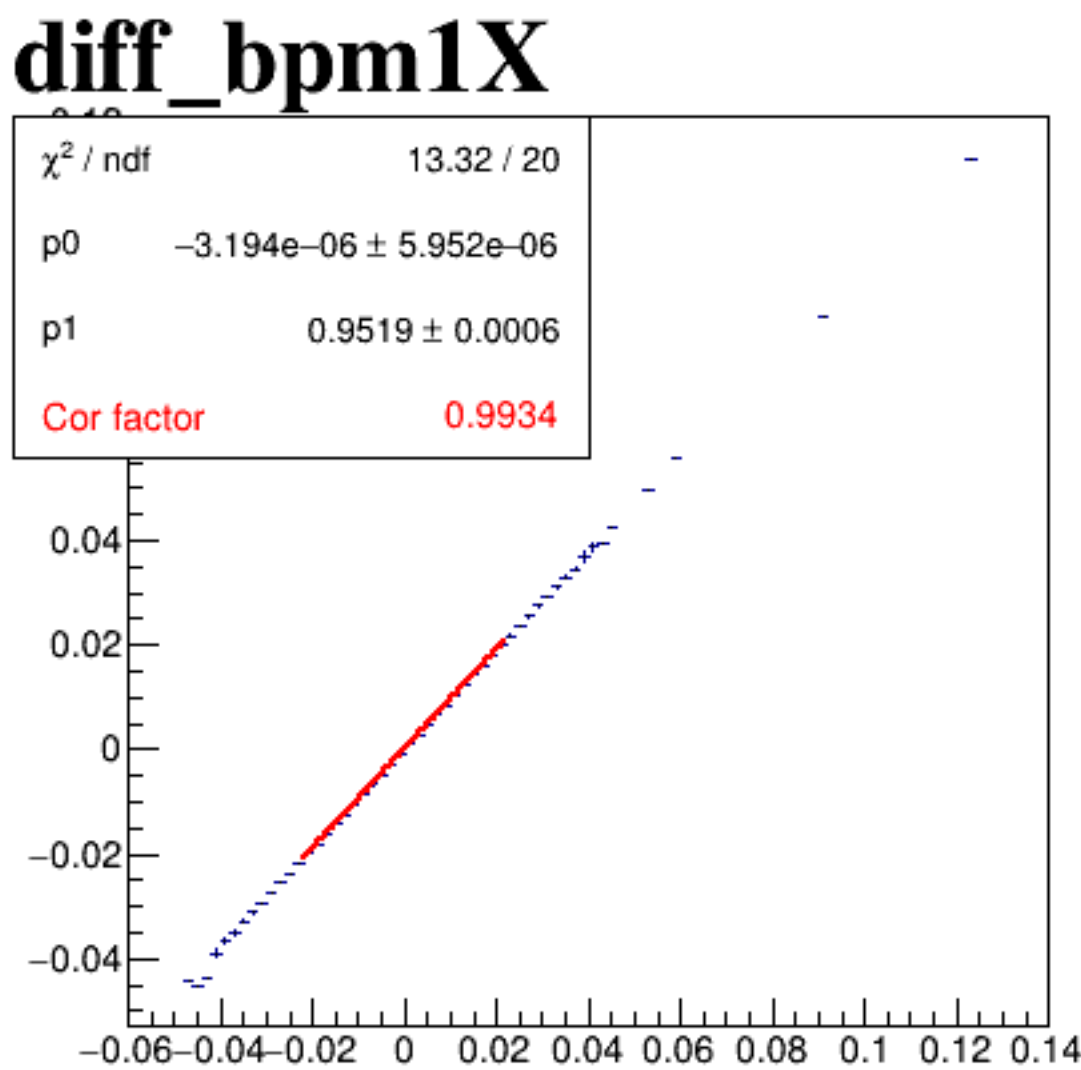
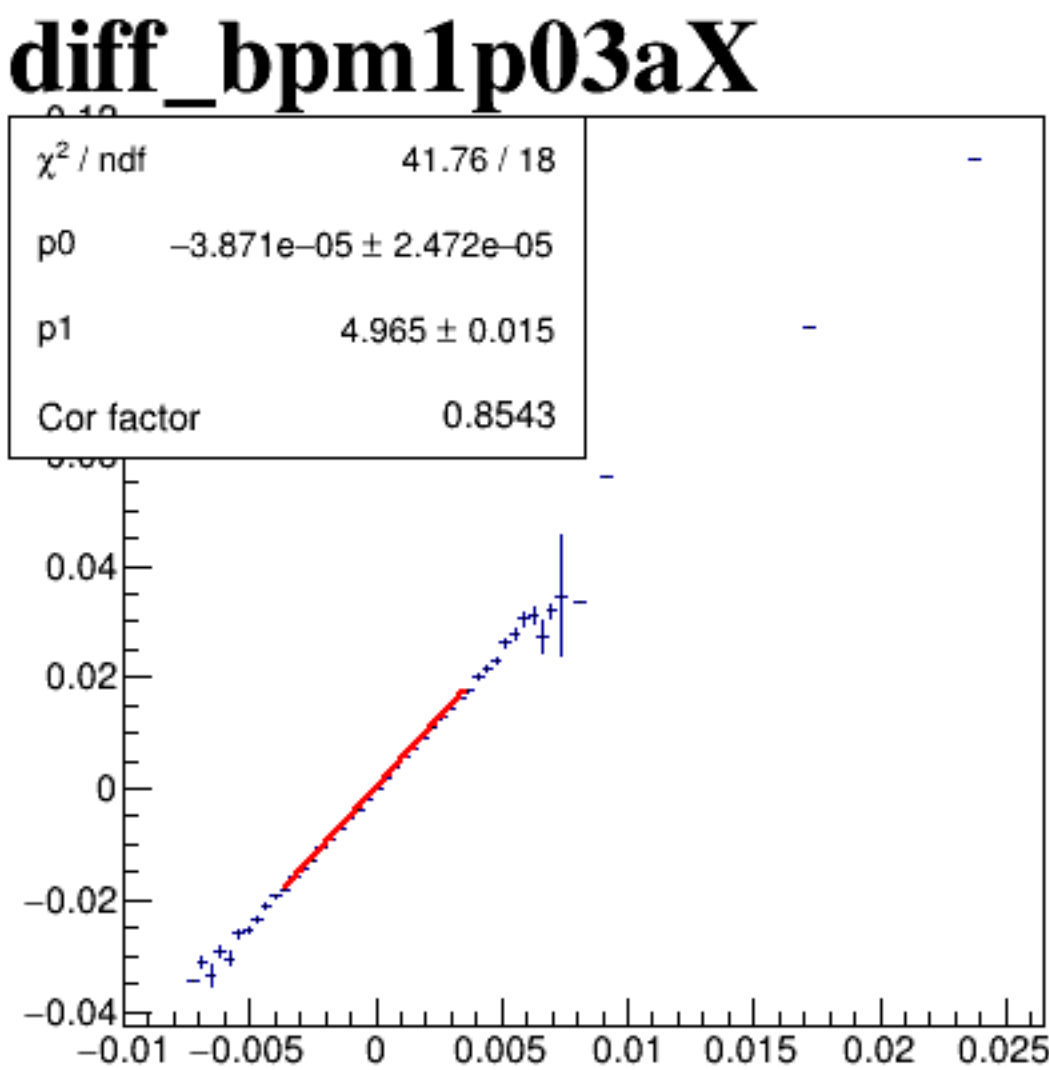
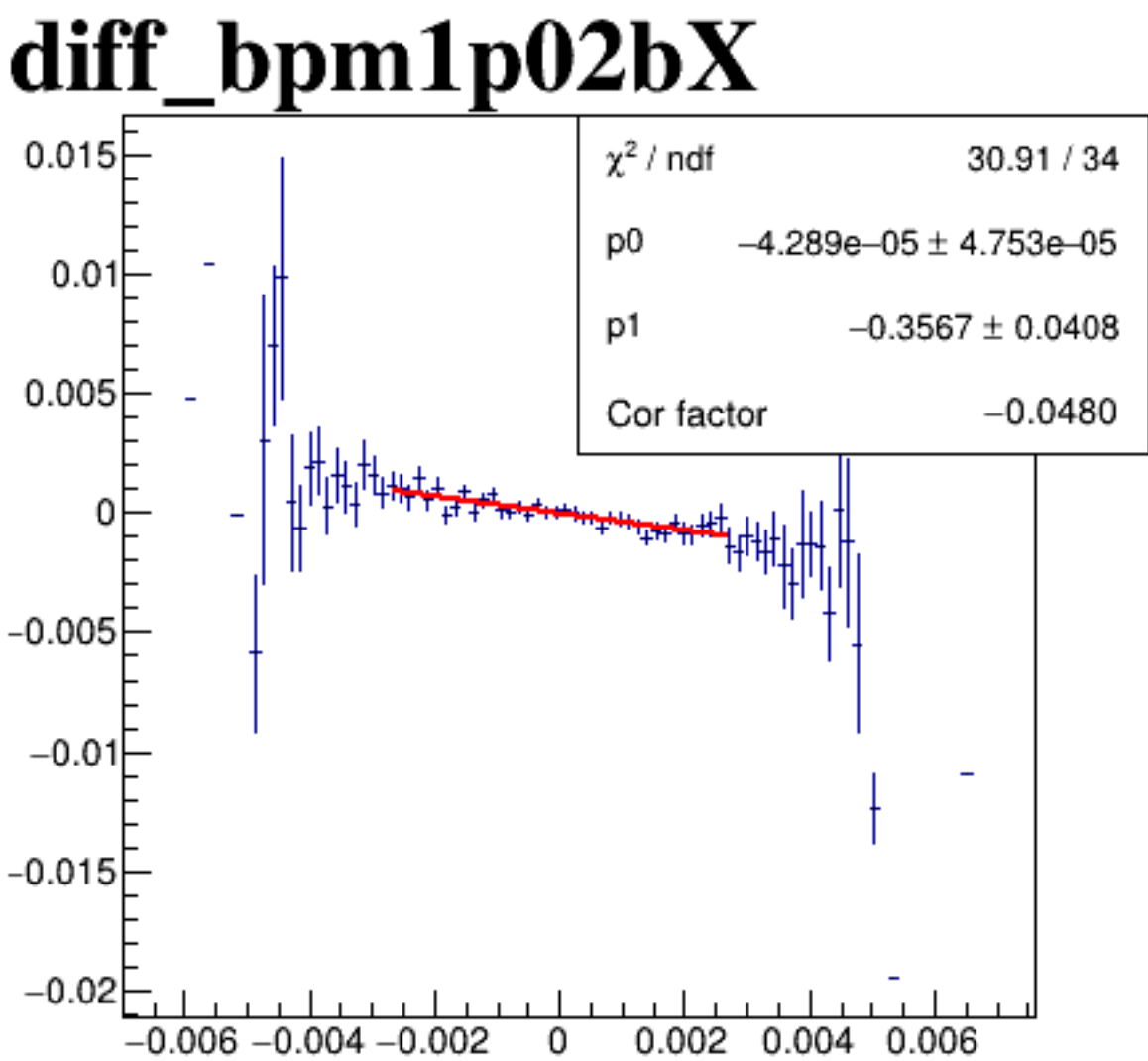
diff_bpm4aX



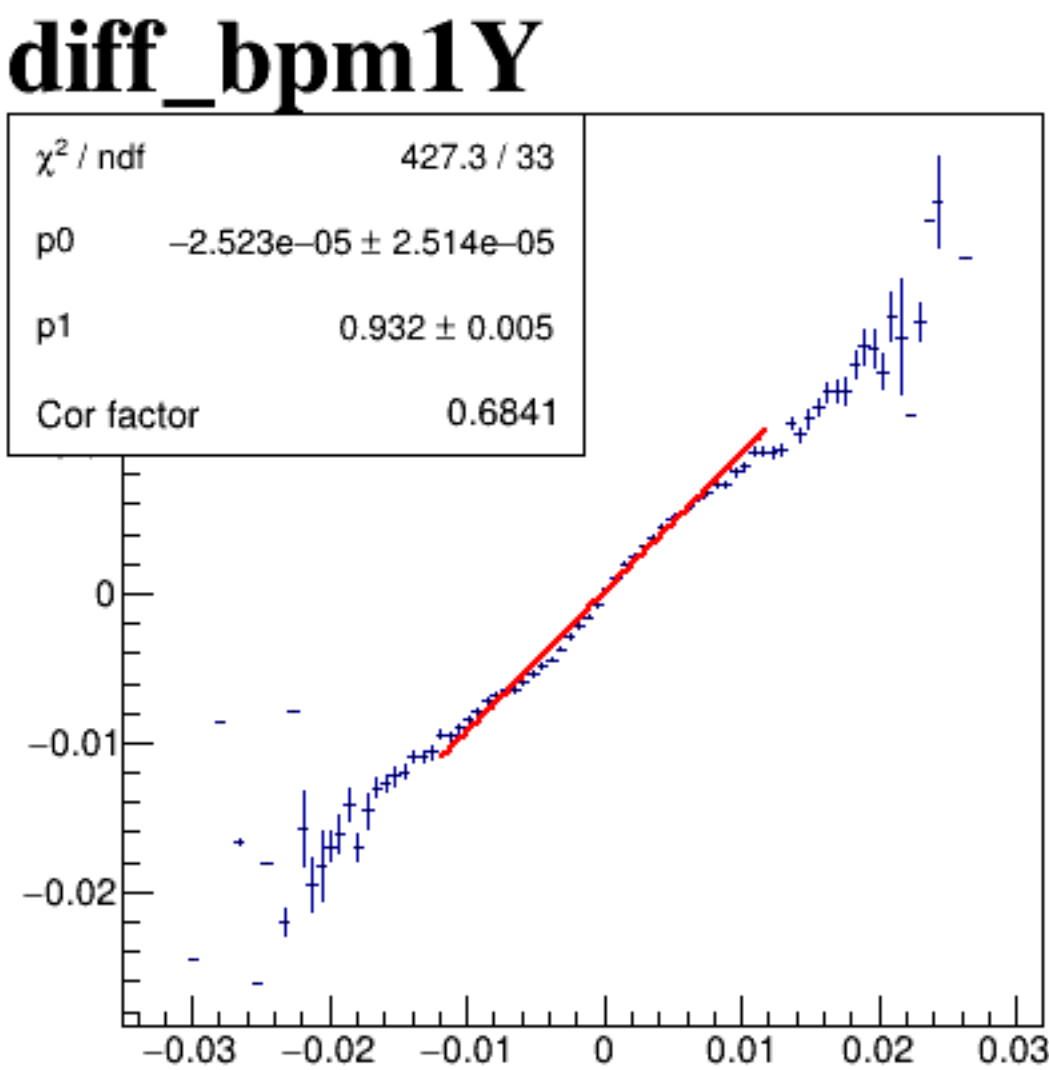
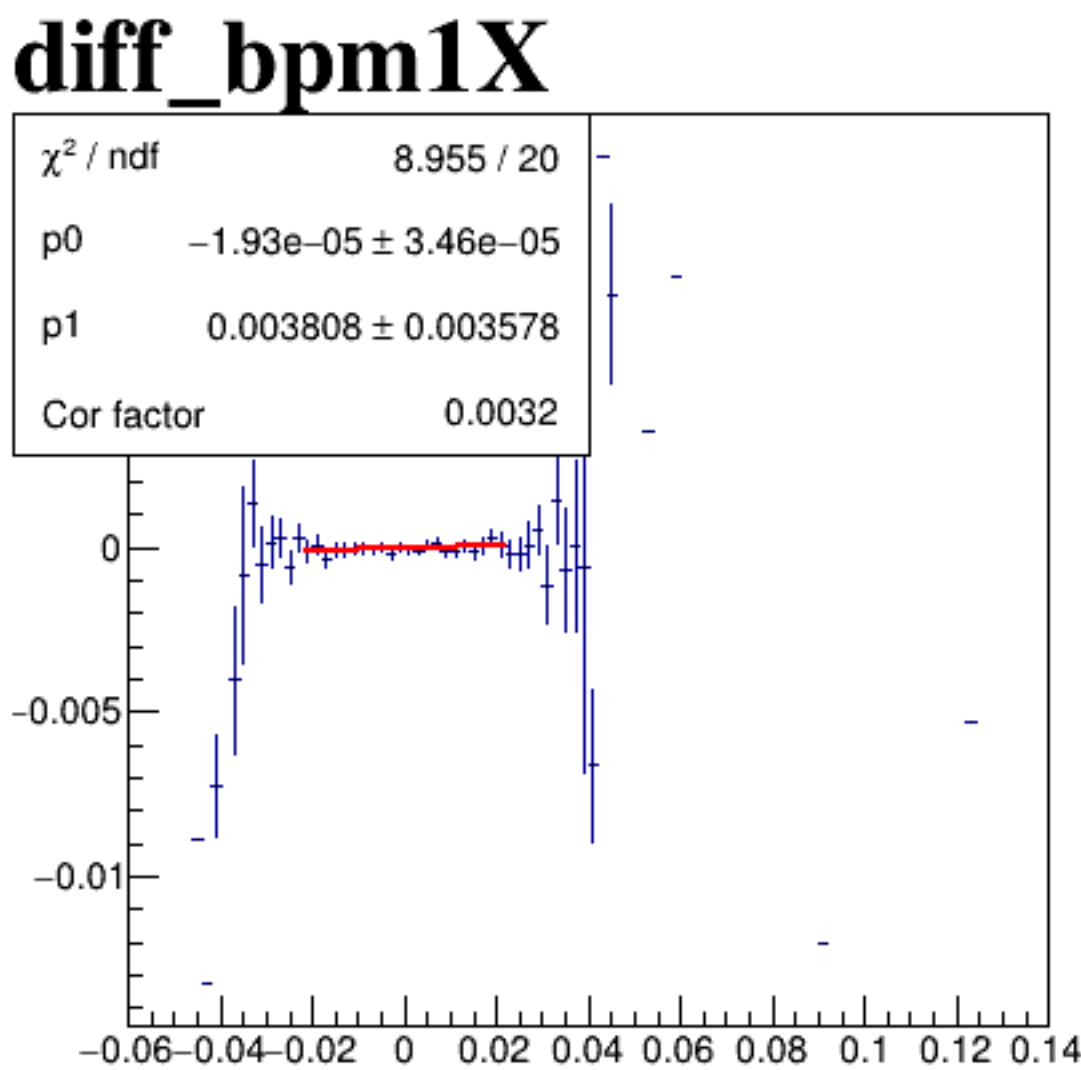
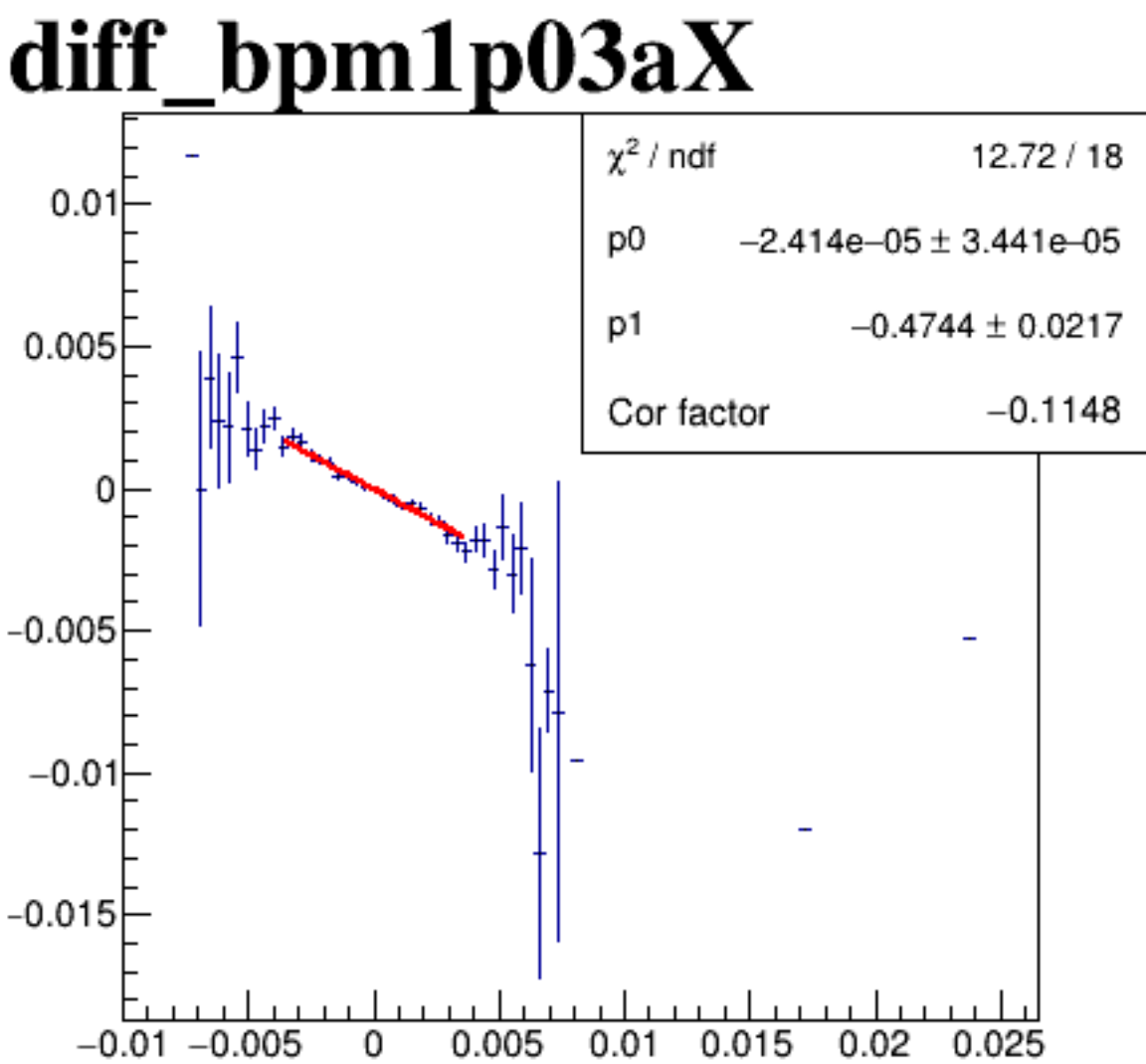
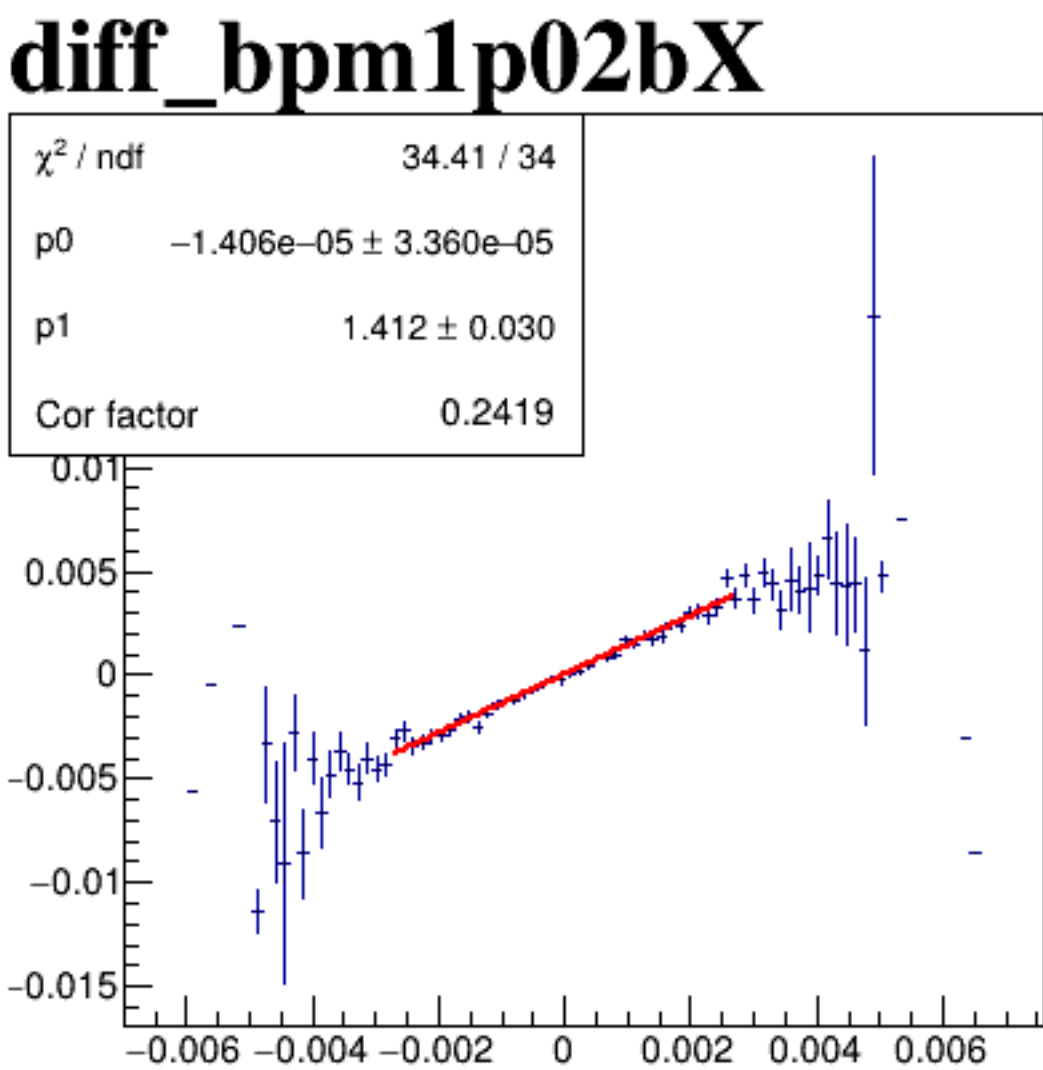
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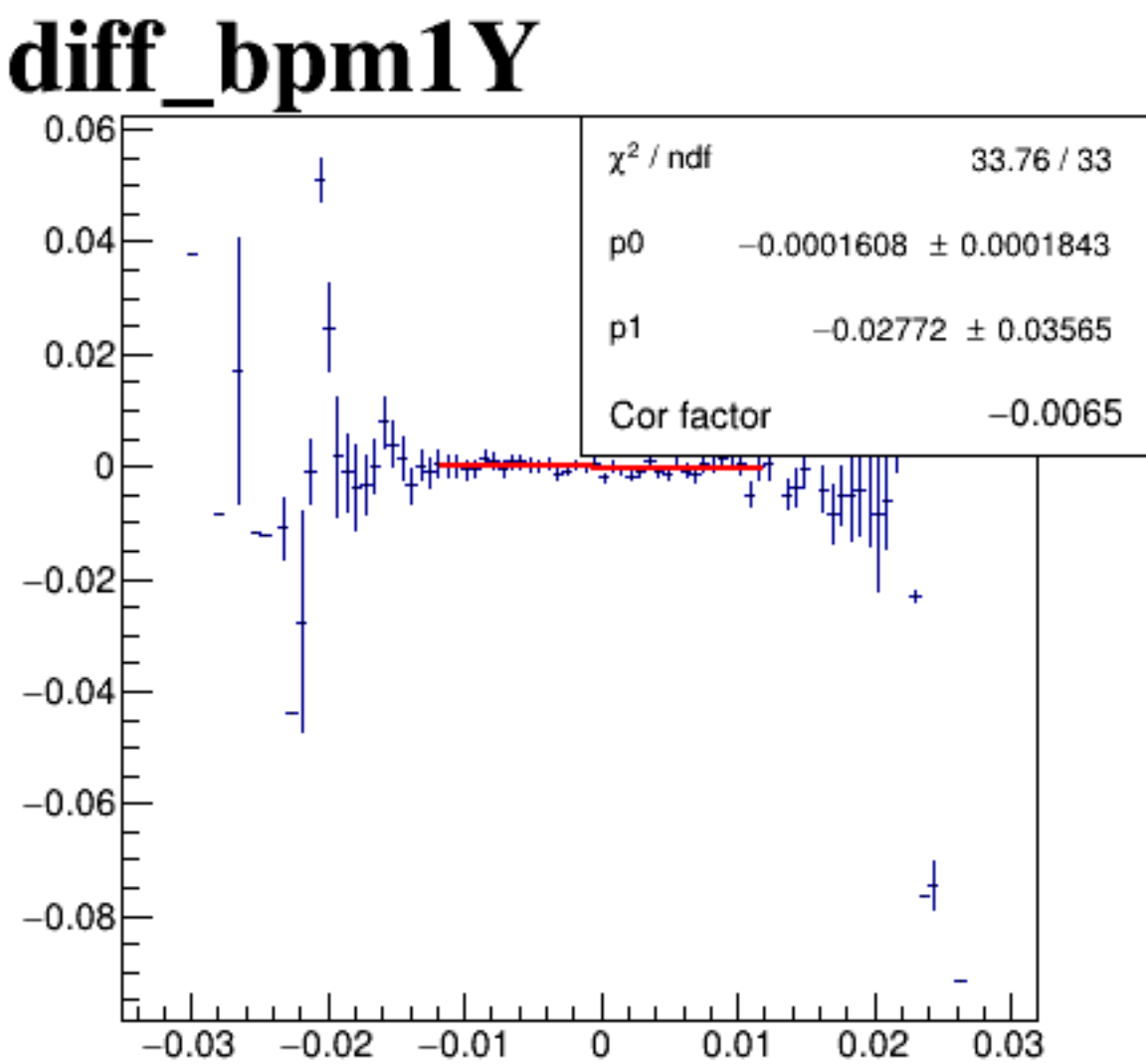
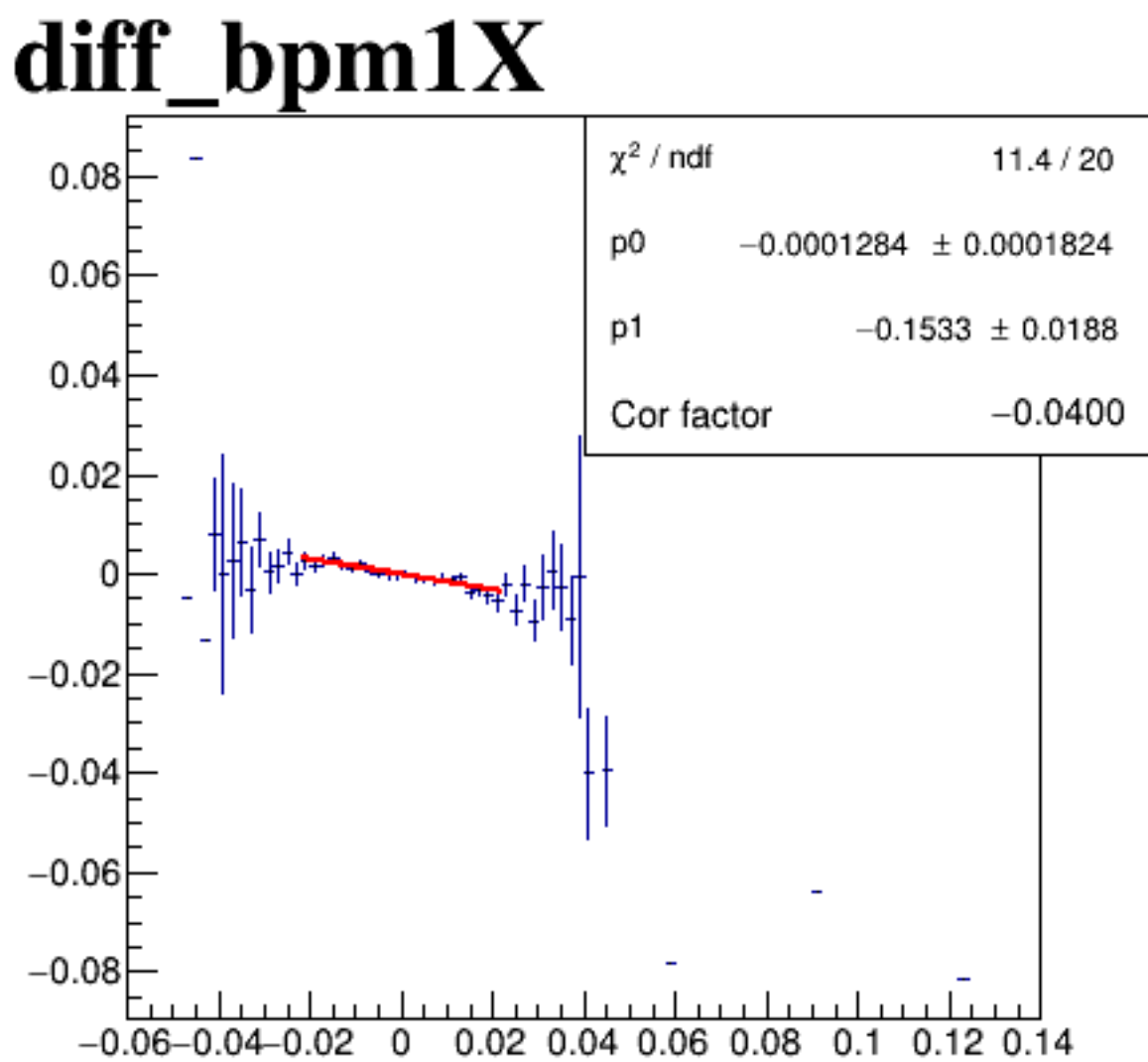
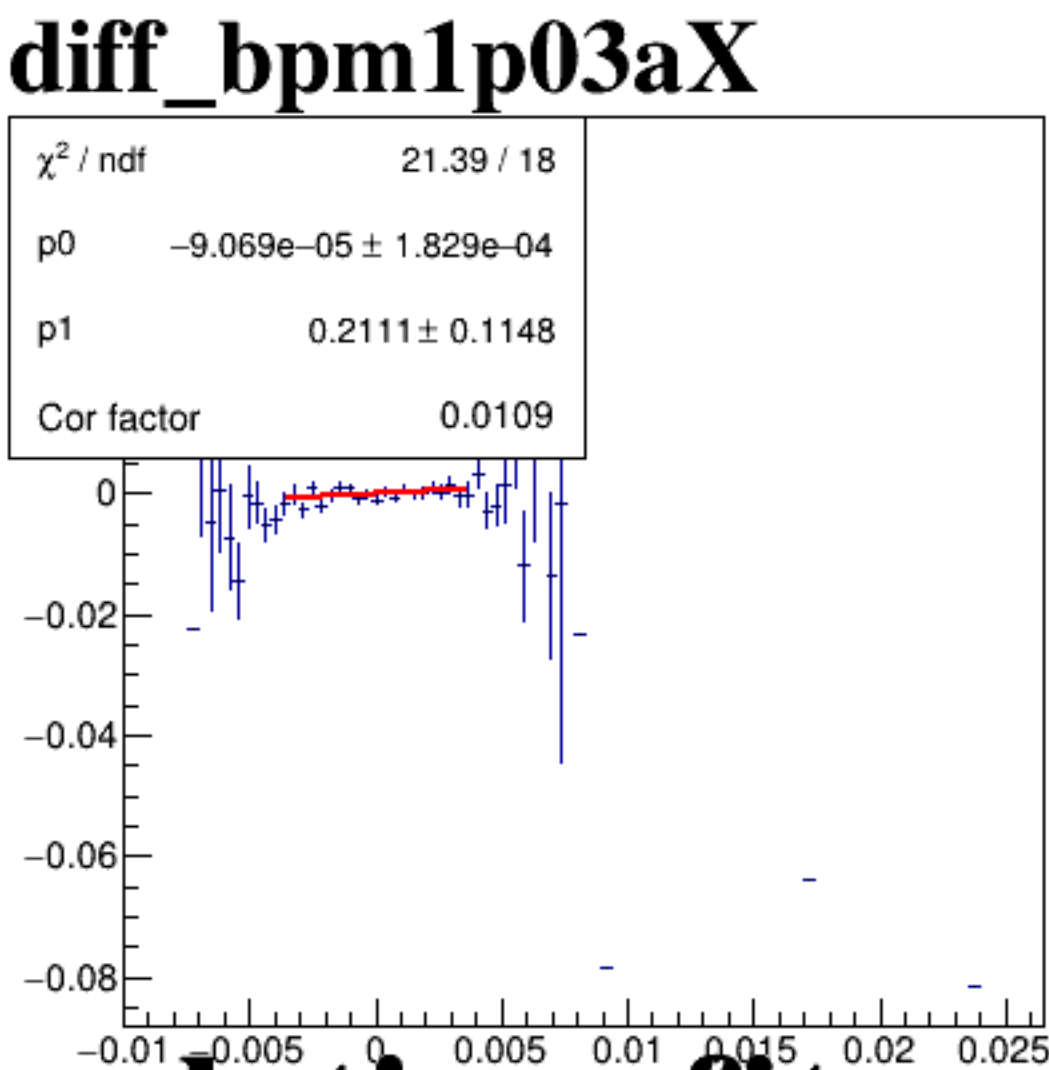
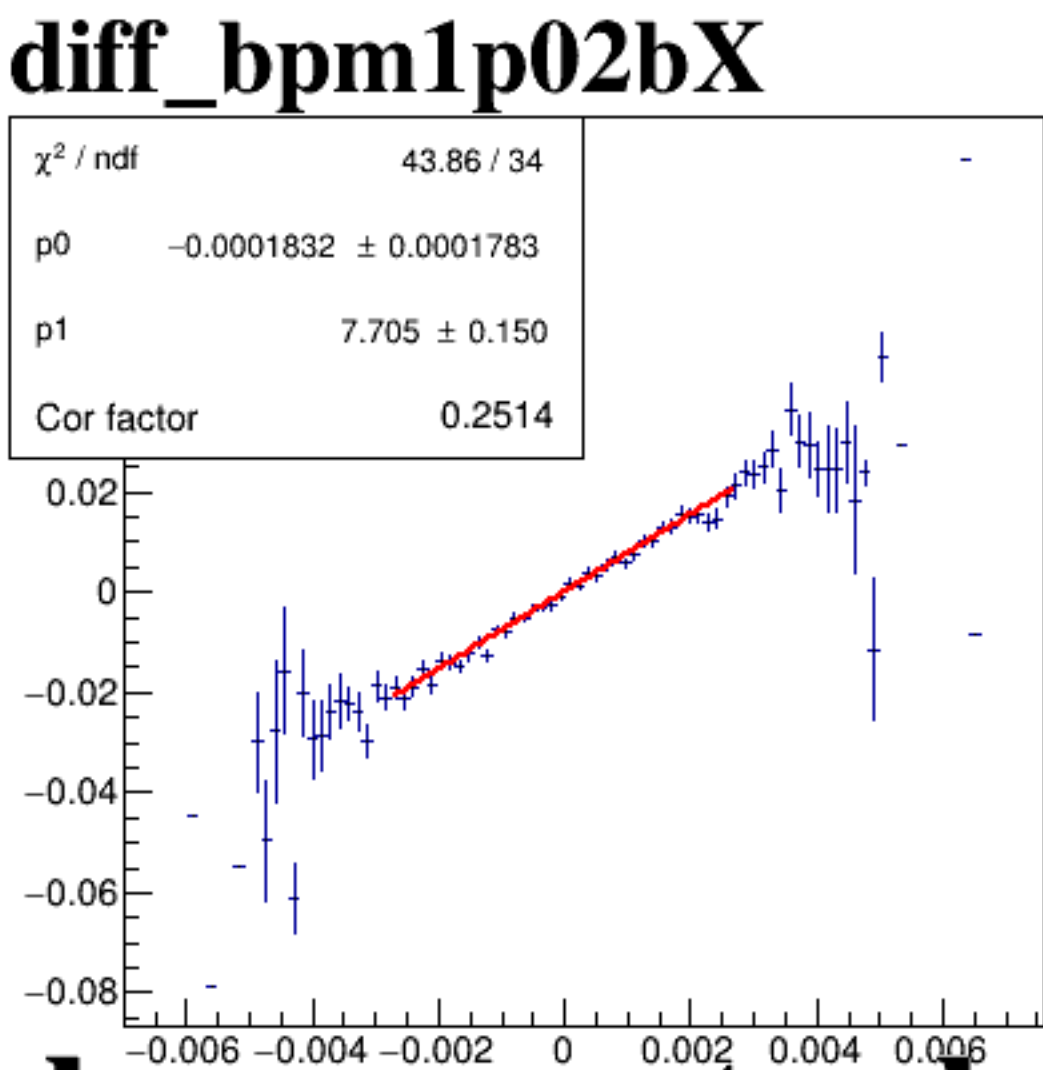
diff_bpm4eX



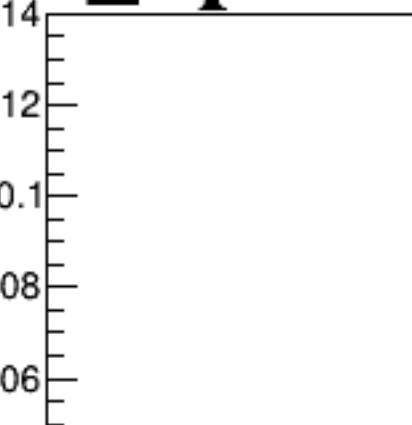
diff_bpm4eY



diff_bpm12X



A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1p02bX'. The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.06 to 0.14. The data points are densely clustered around the origin (0,0), forming a roughly circular cloud. There are a few outliers at higher y-values, up to 0.14.

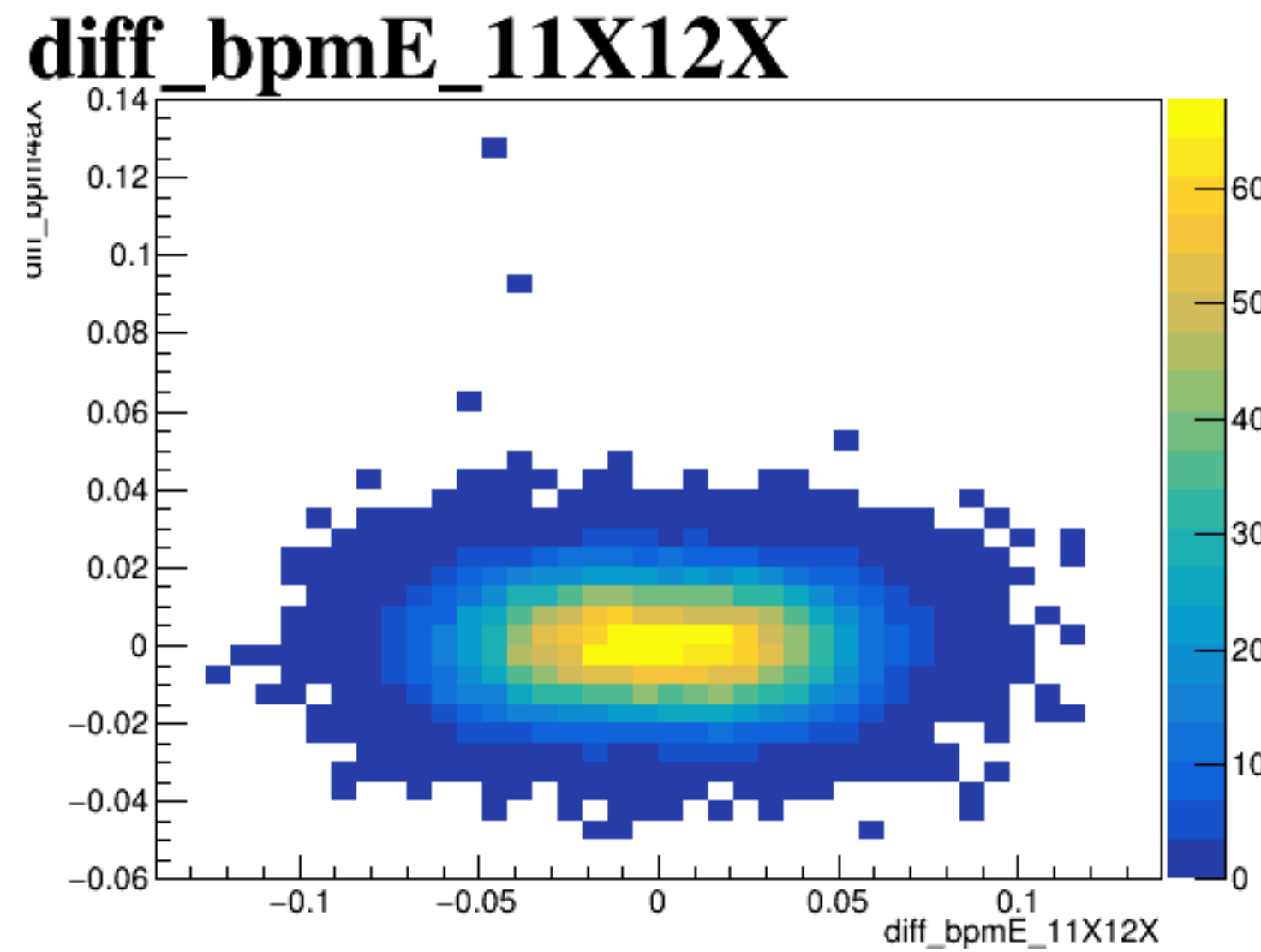
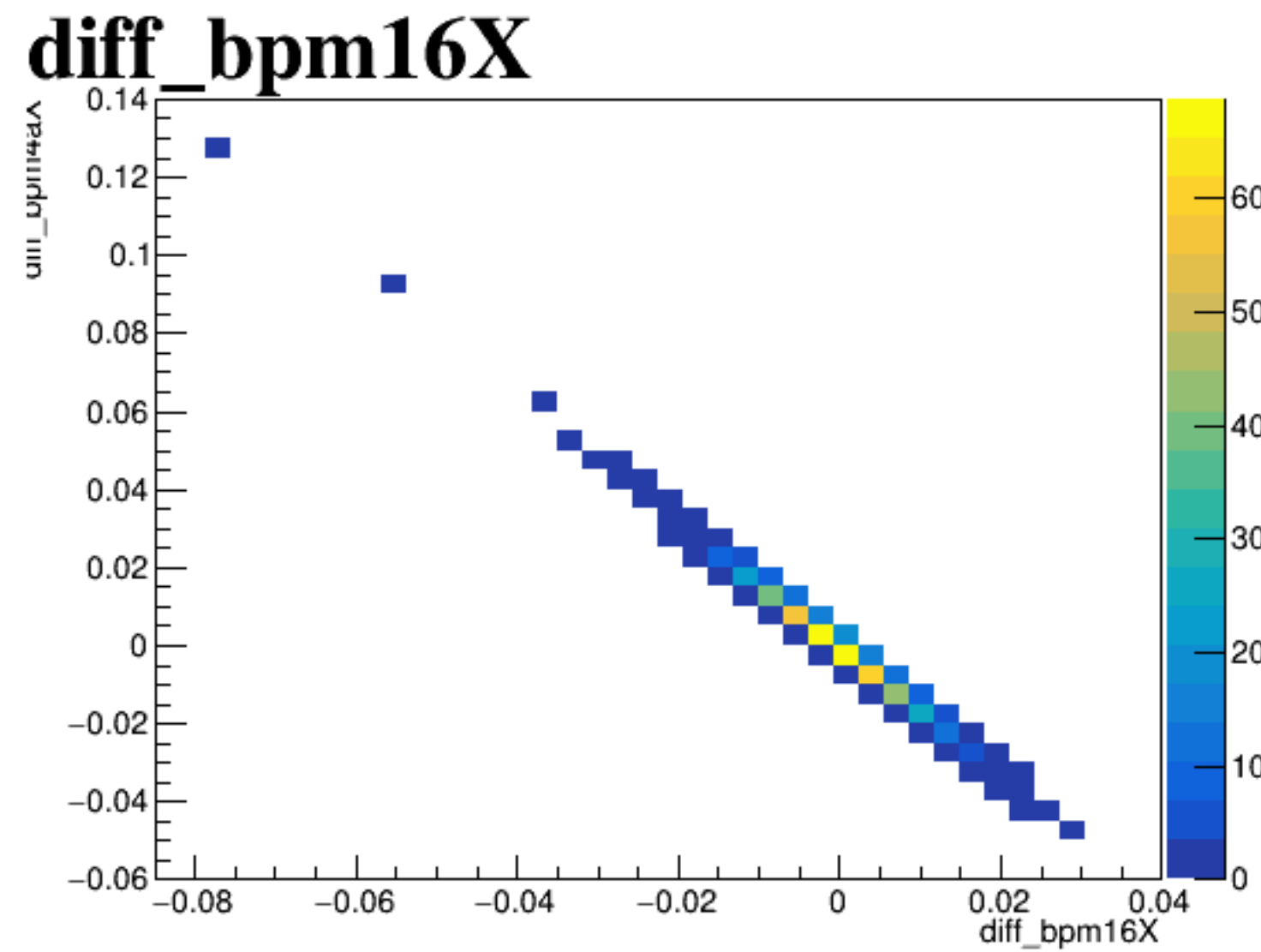
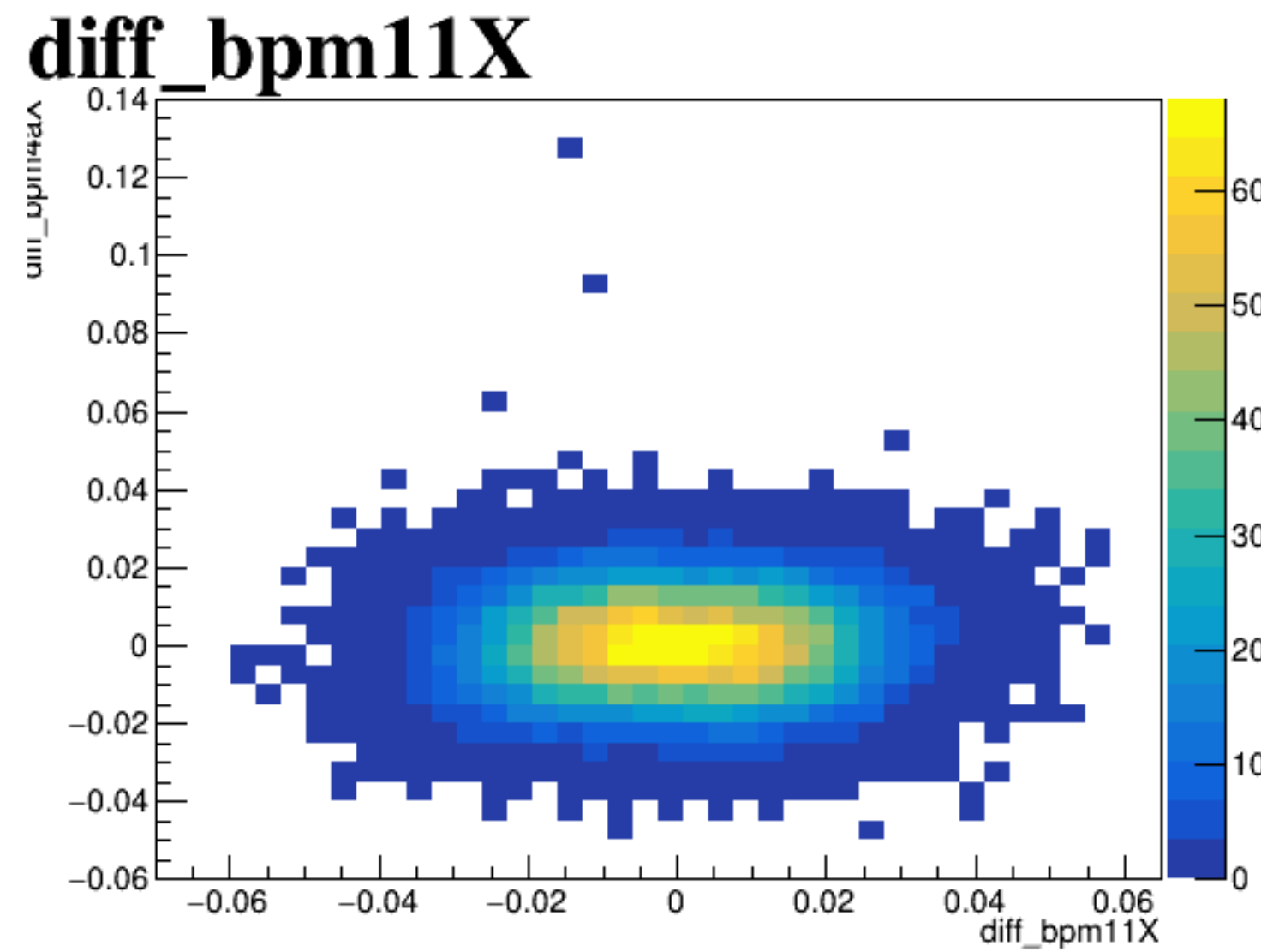


A scatter plot showing the relationship between diff_bpm1Y (x-axis) and diff_bpm1Y (y-axis). The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation. The axes range from approximately -0.03 to 0.03 on the x-axis and -0.06 to 0.14 on the y-axis.

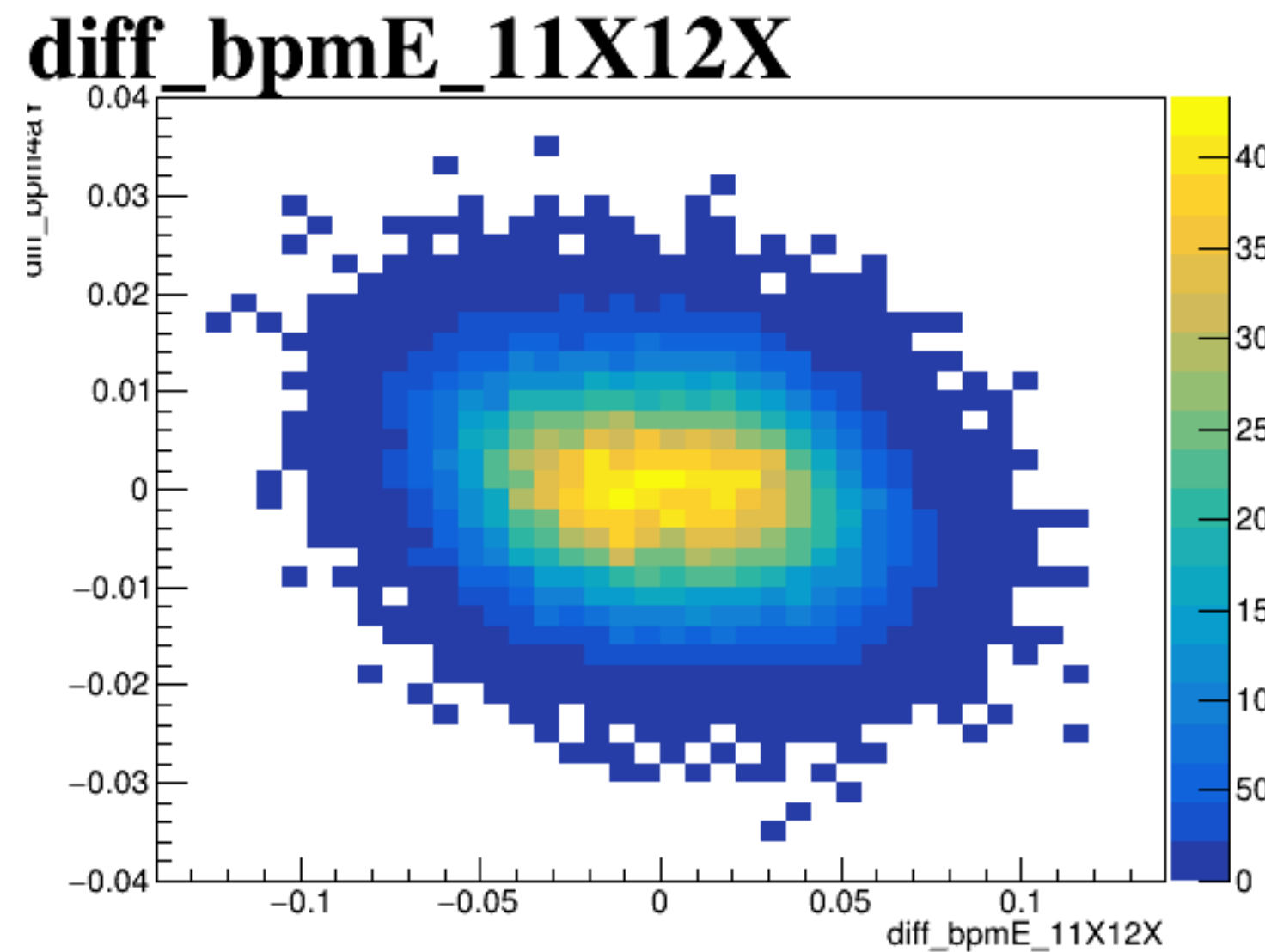
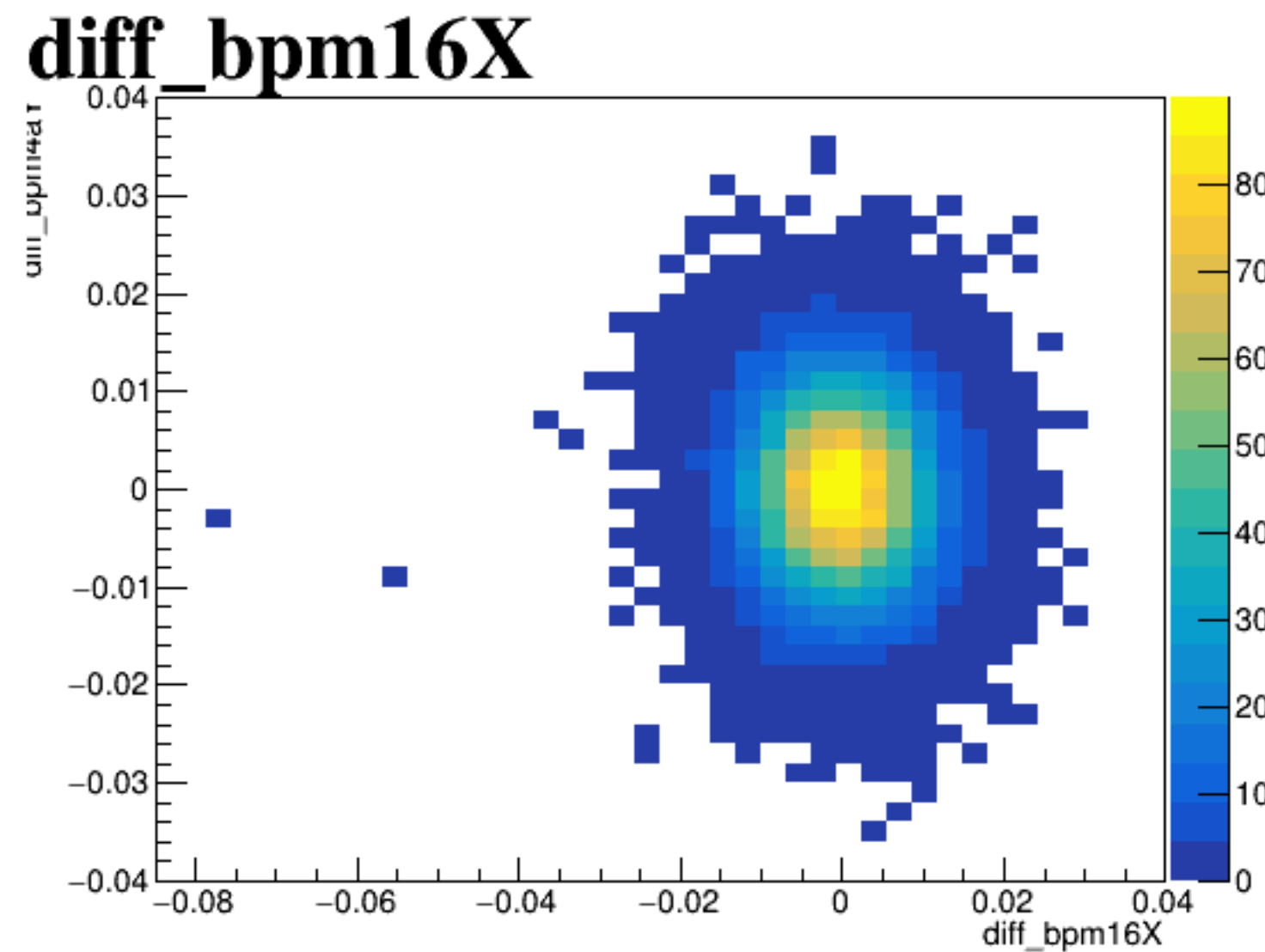
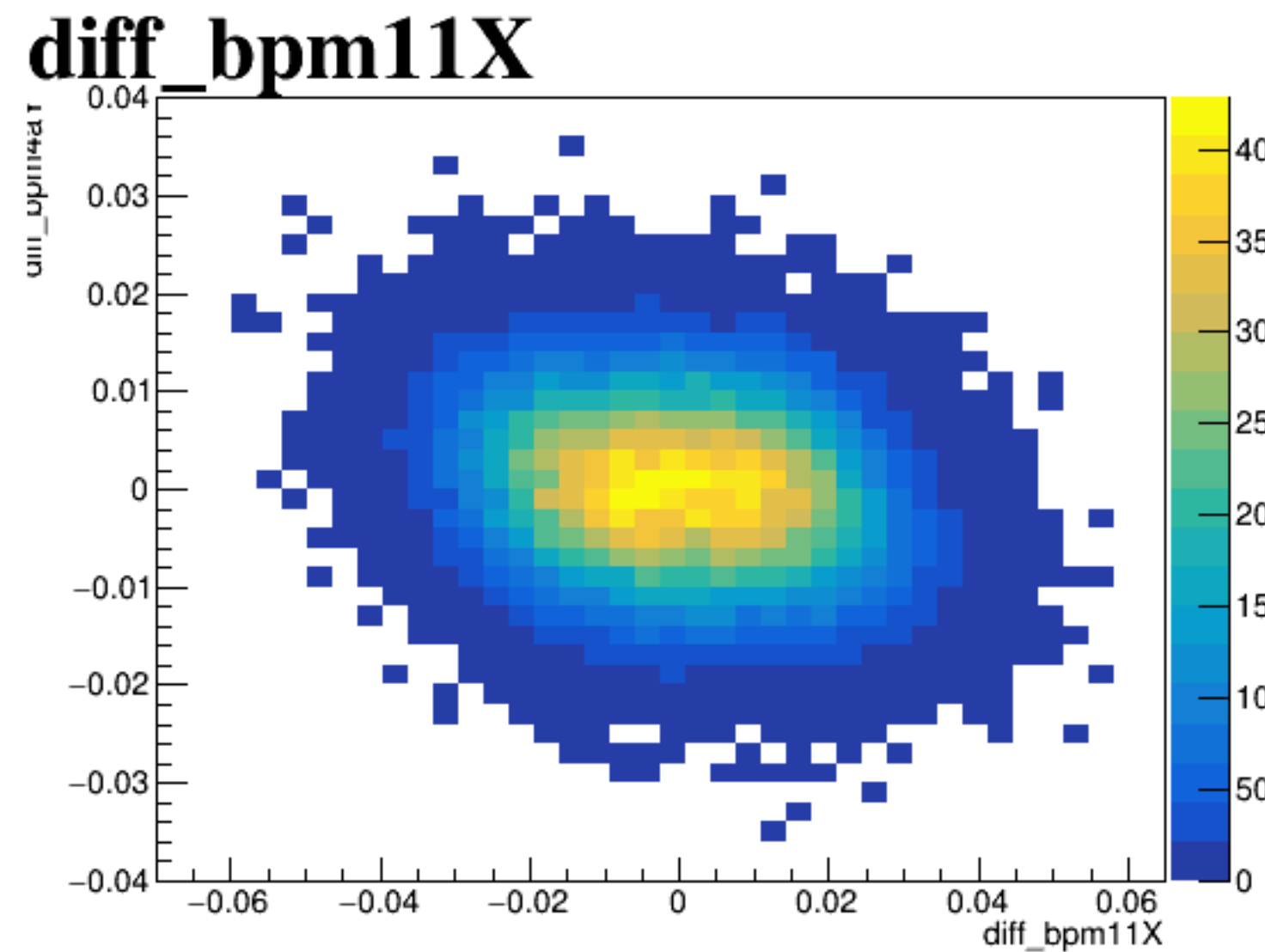
A scatter plot titled "diff_bpm1X" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1X" and ranges from -0.06 to 0.14. The y-axis ranges from -0.04 to 0.04.

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 -0.03 to 0.03. The y-axis ranges from -0.15 to 0.15.

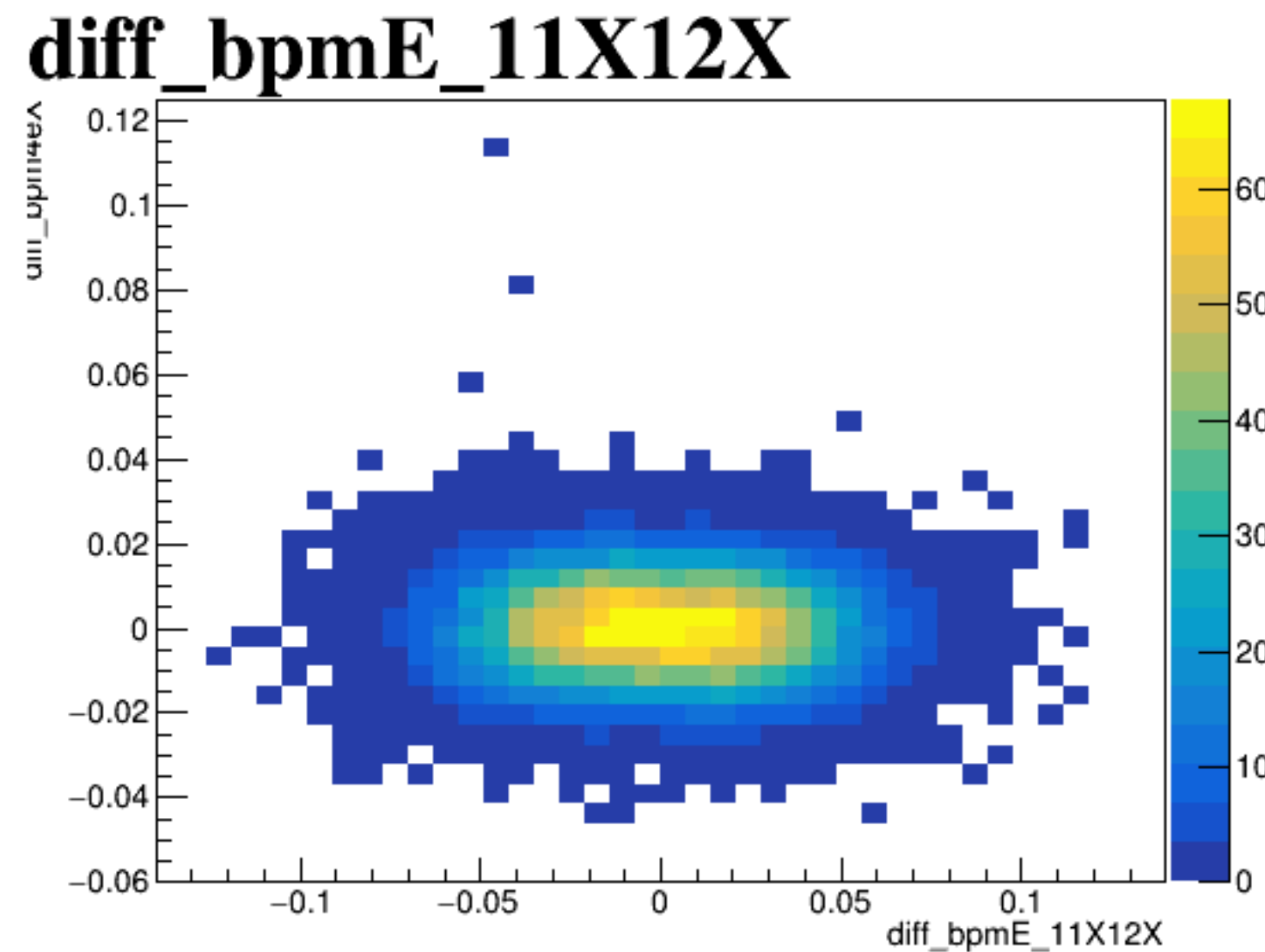
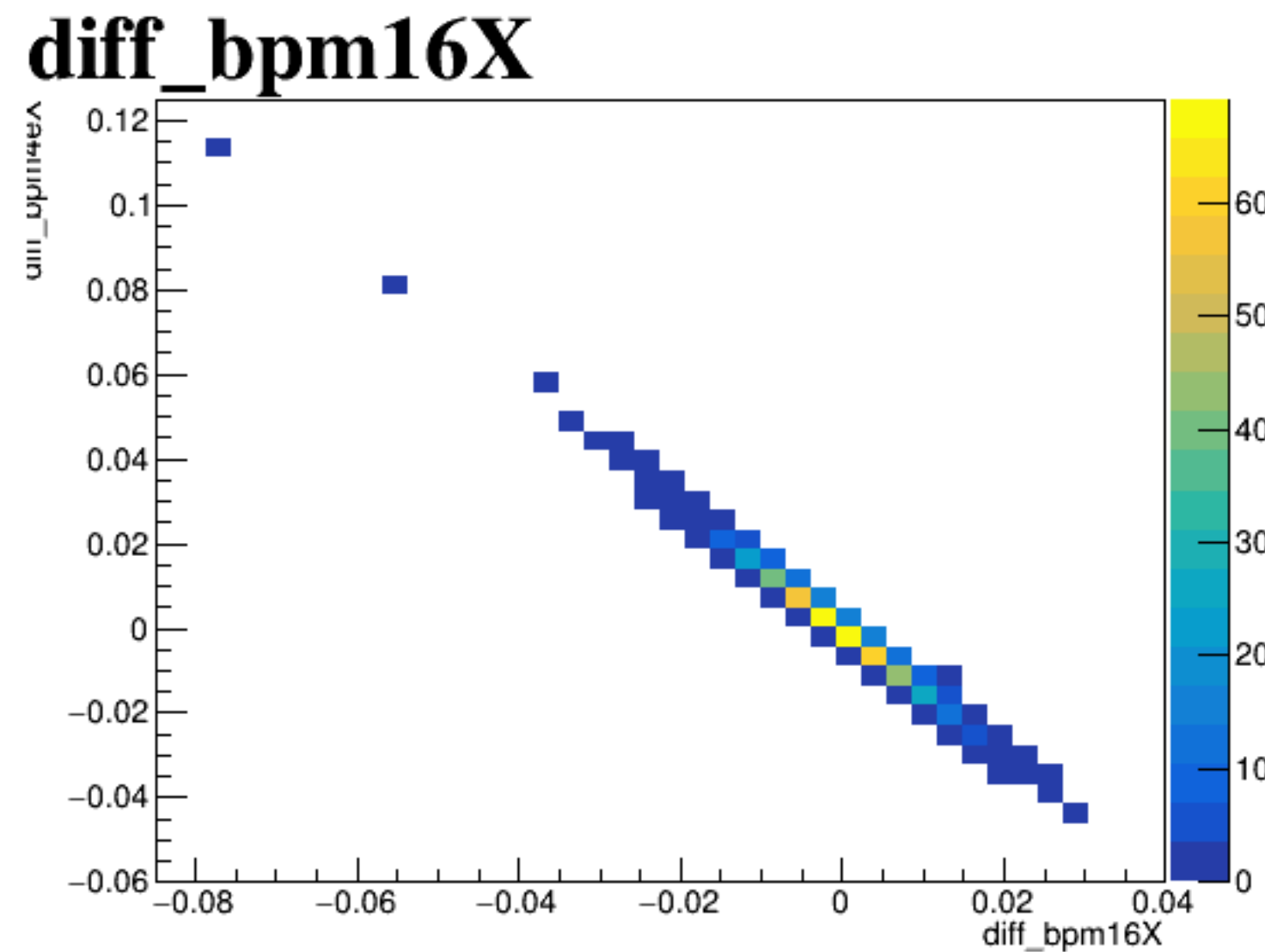
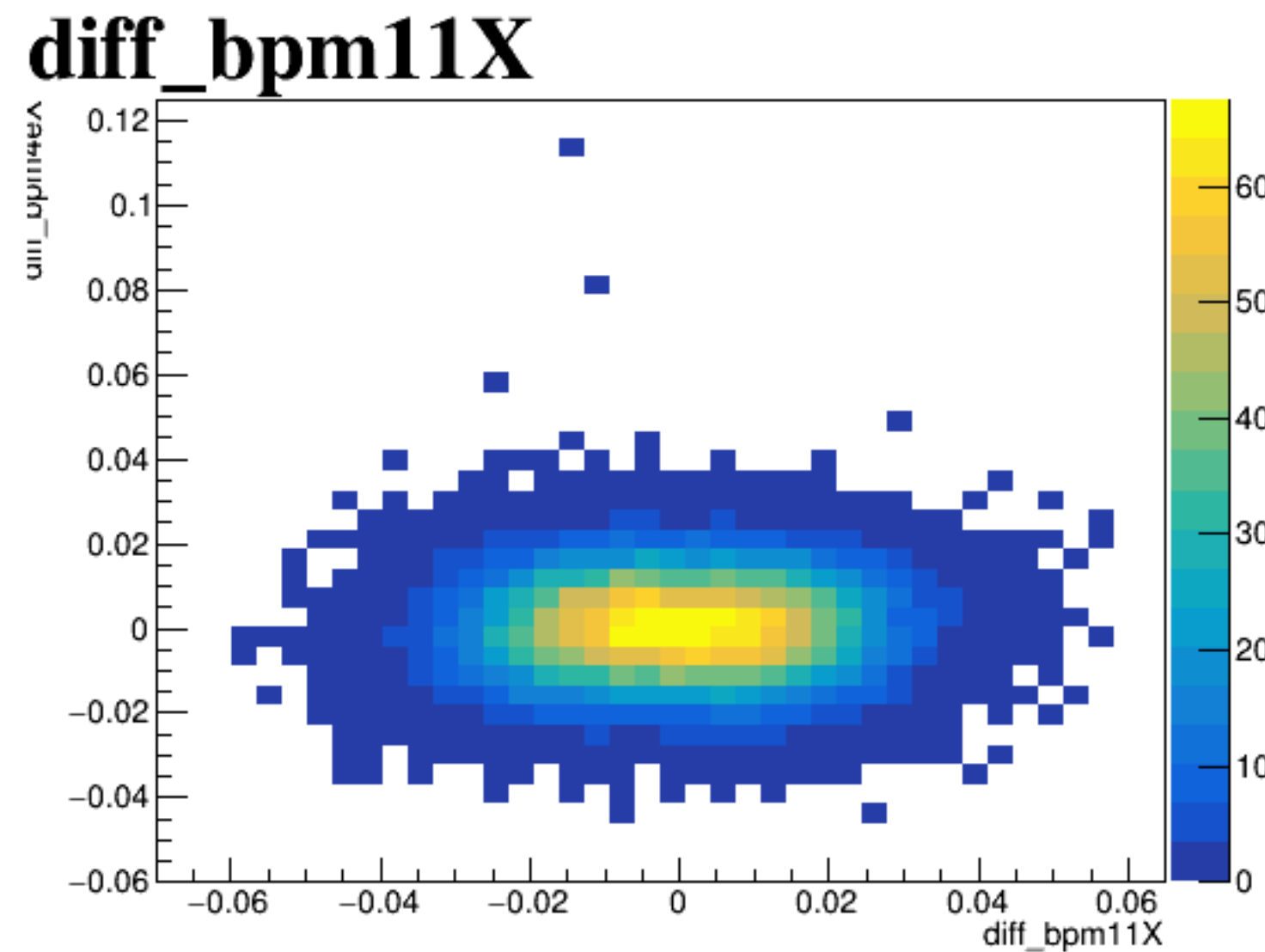
diff_bpm4aX



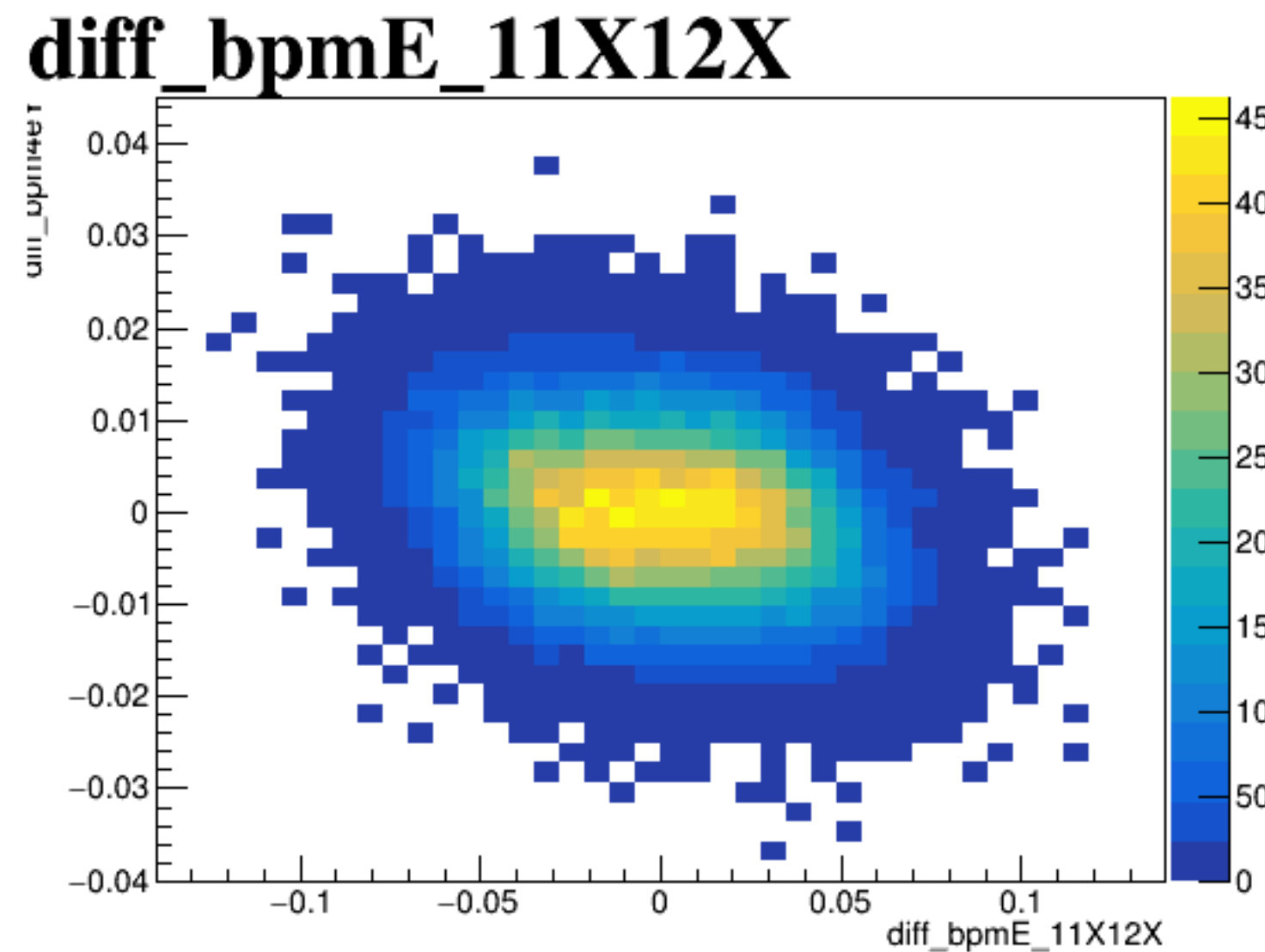
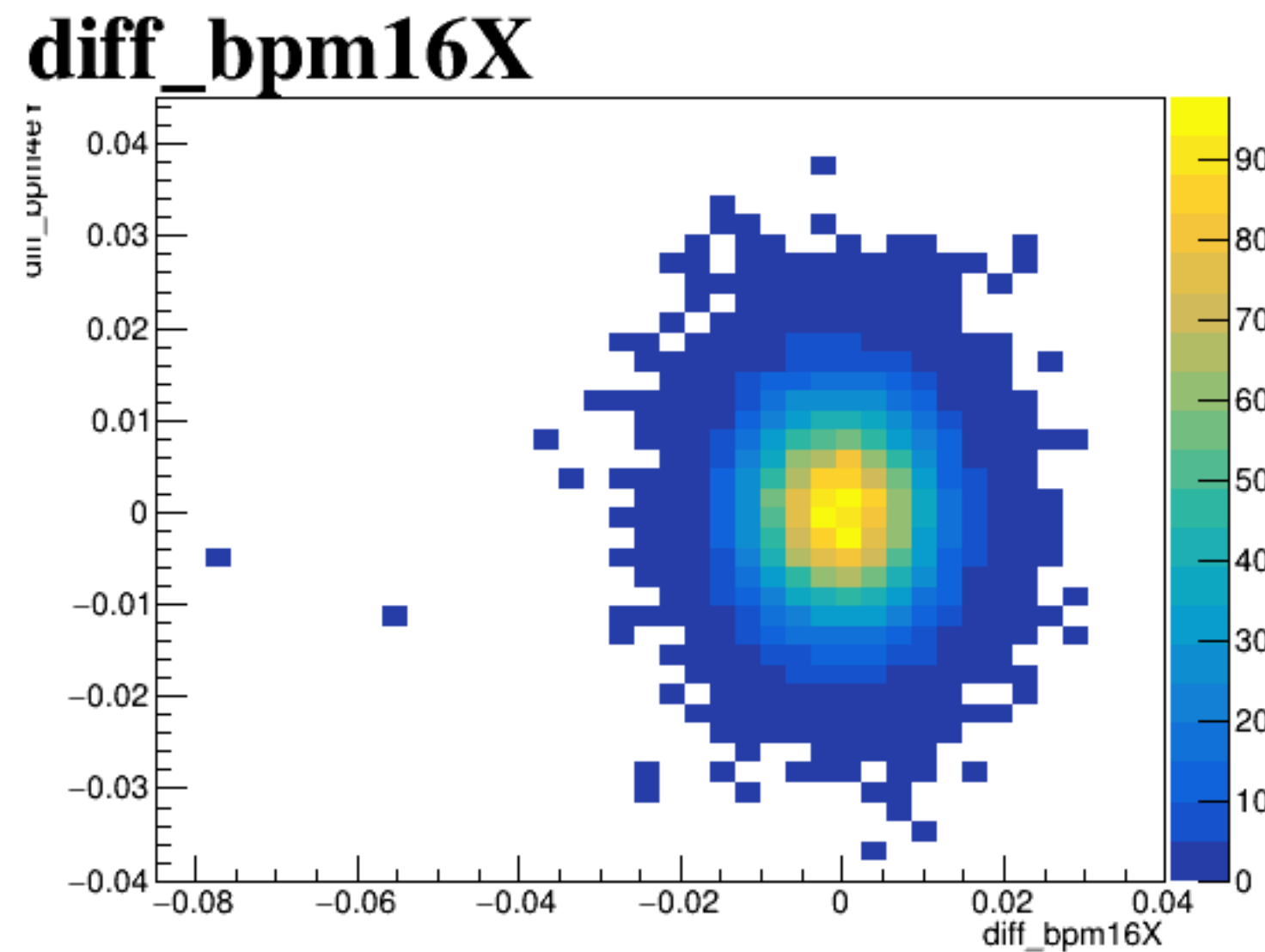
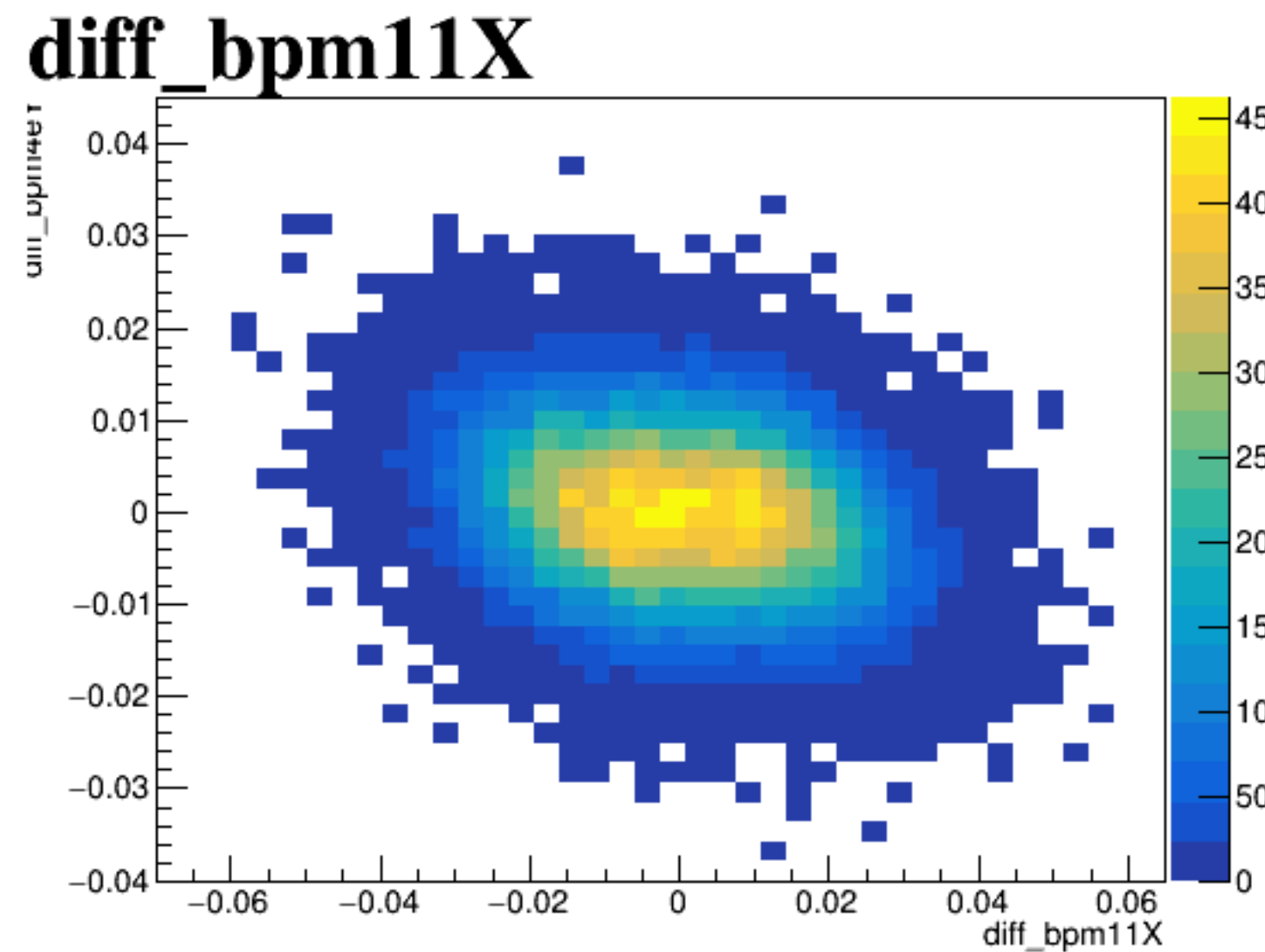
diff_bpm4aY



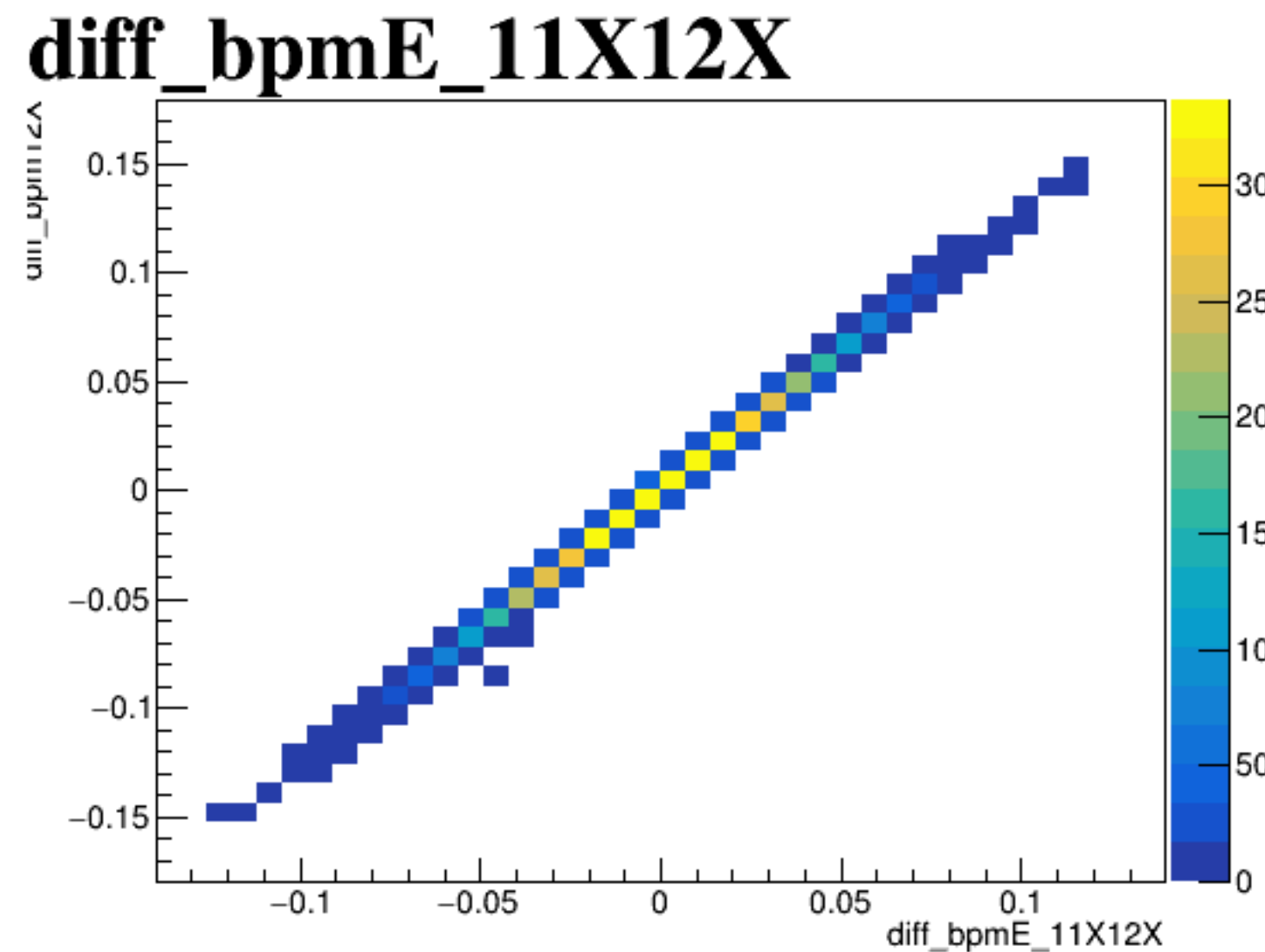
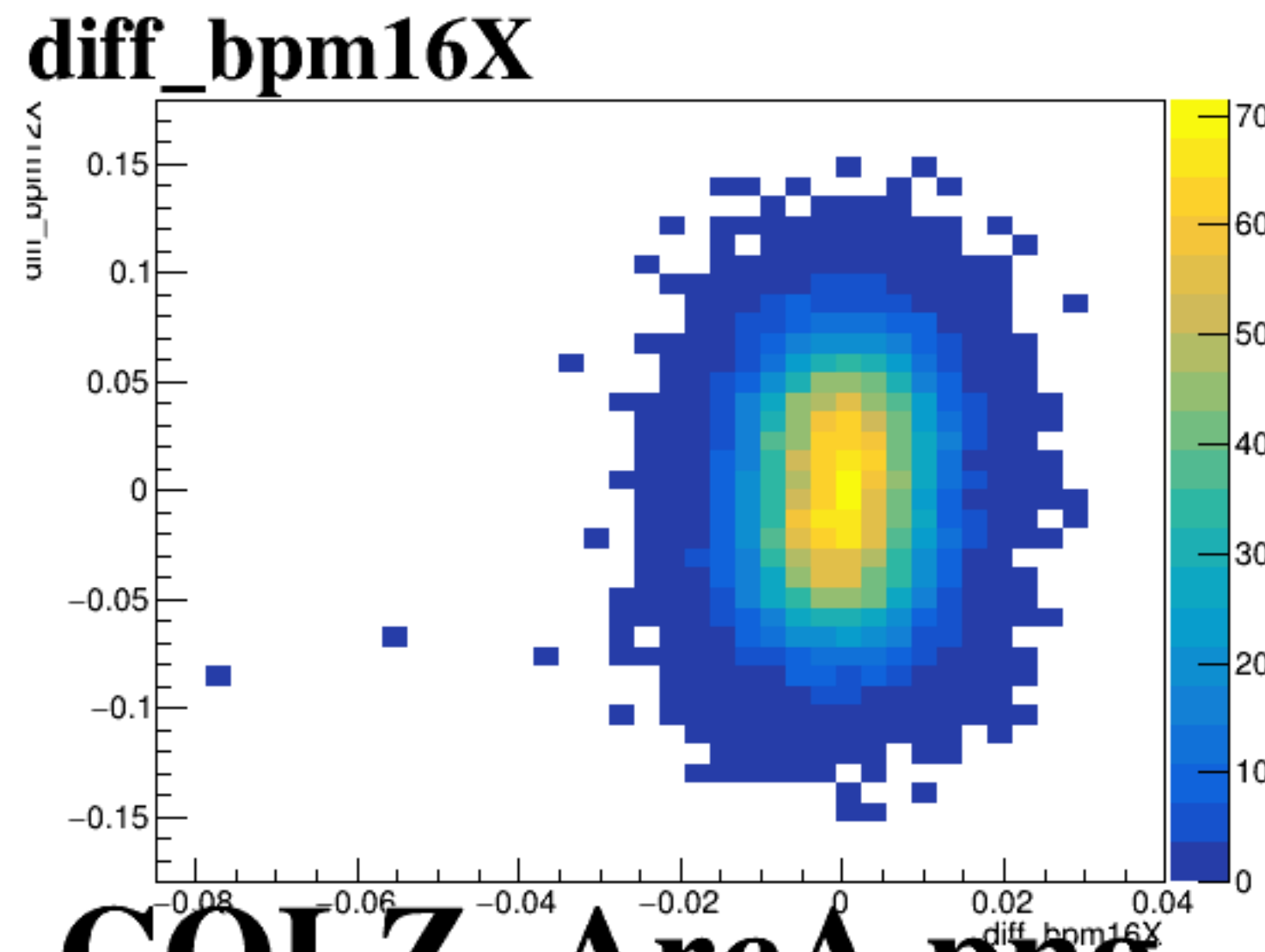
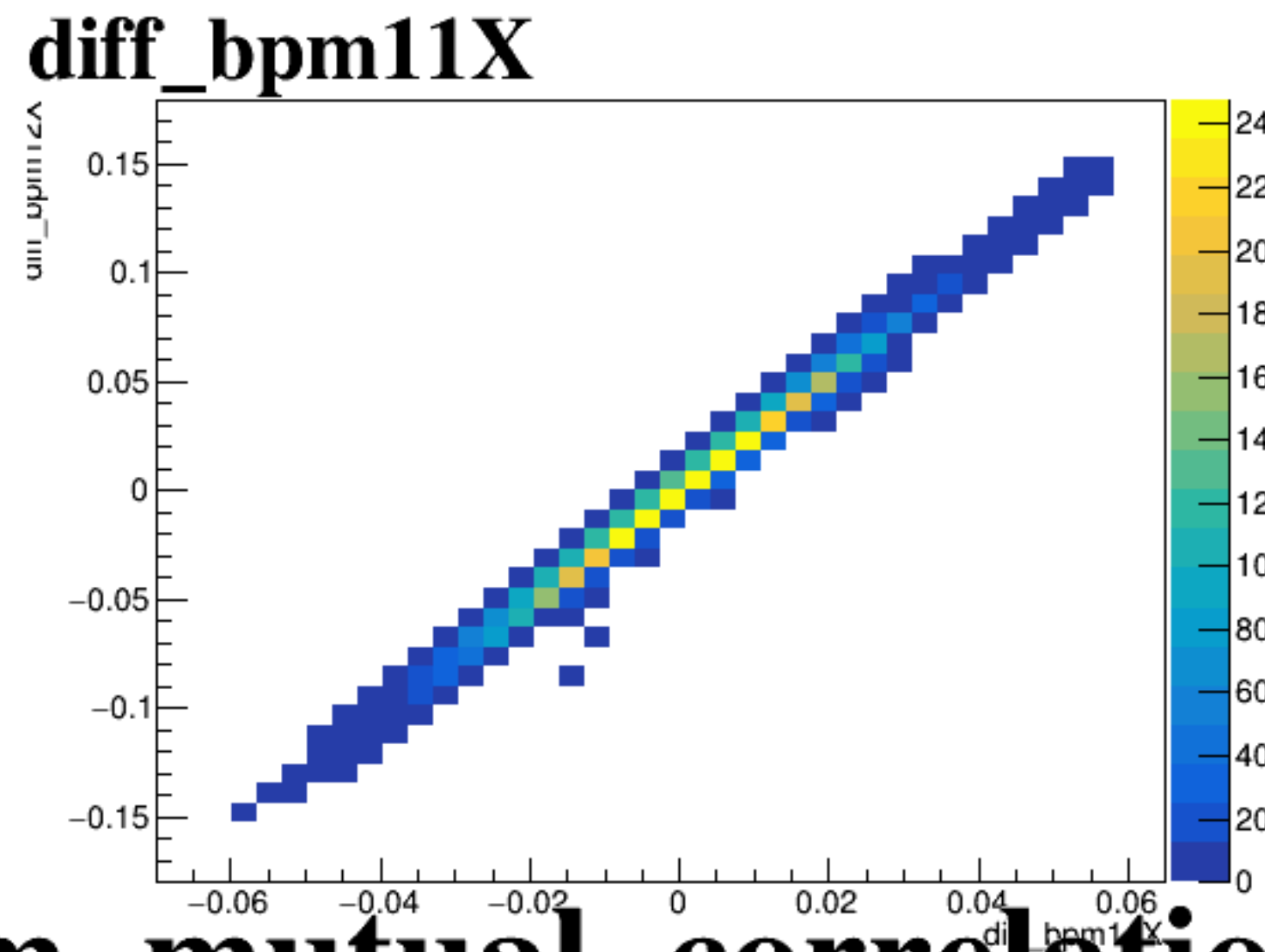
diff_bpm4eX



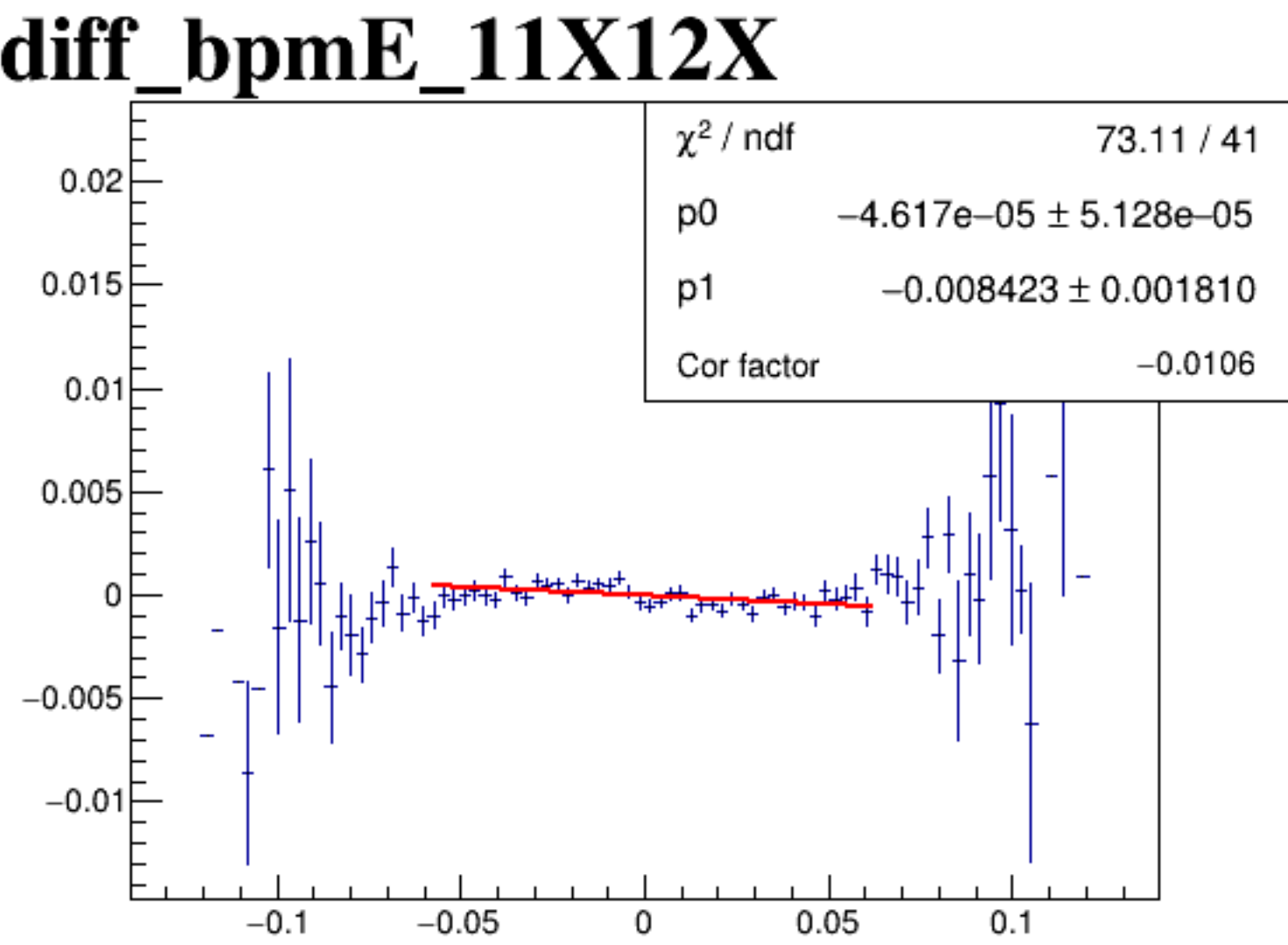
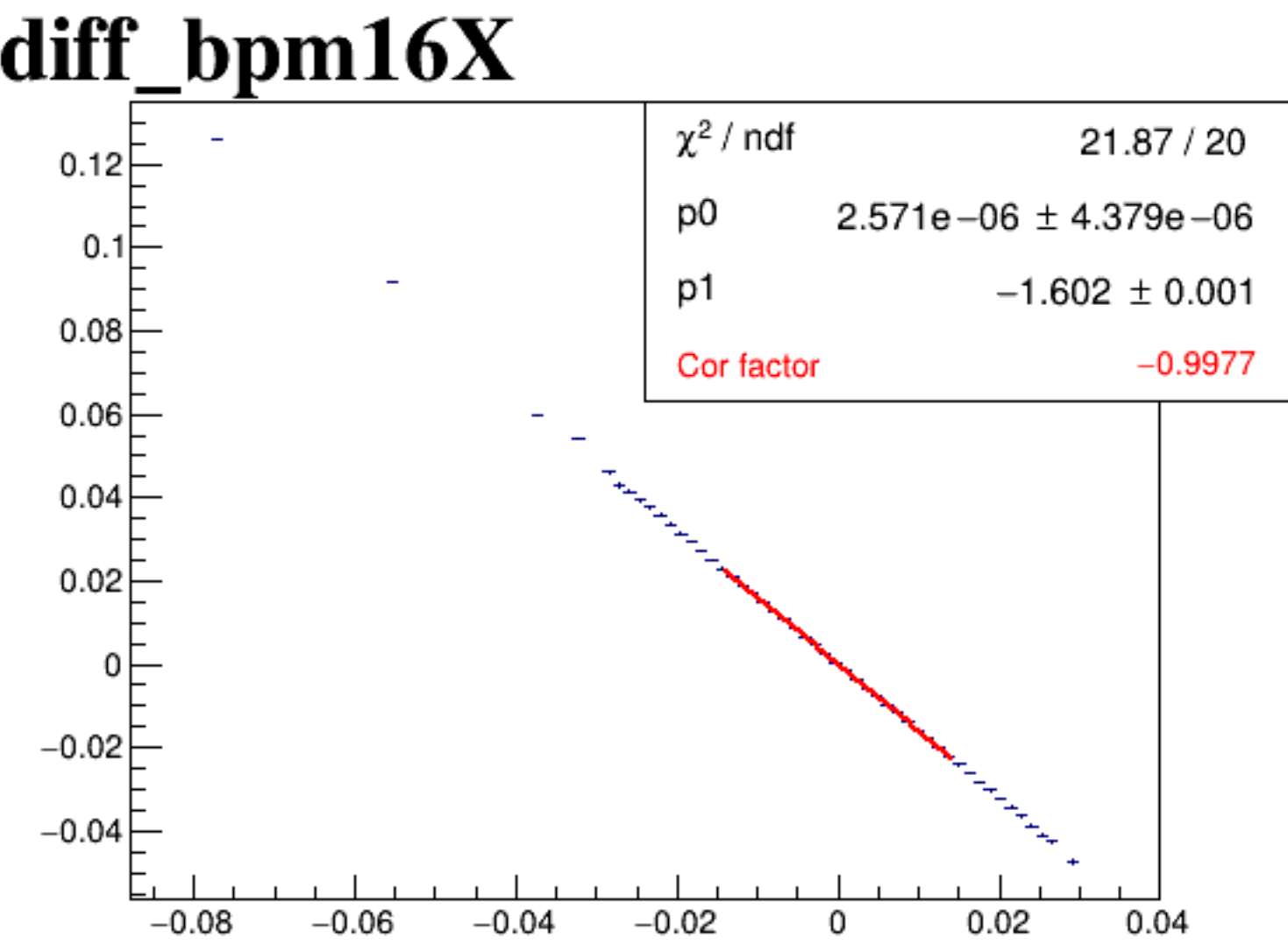
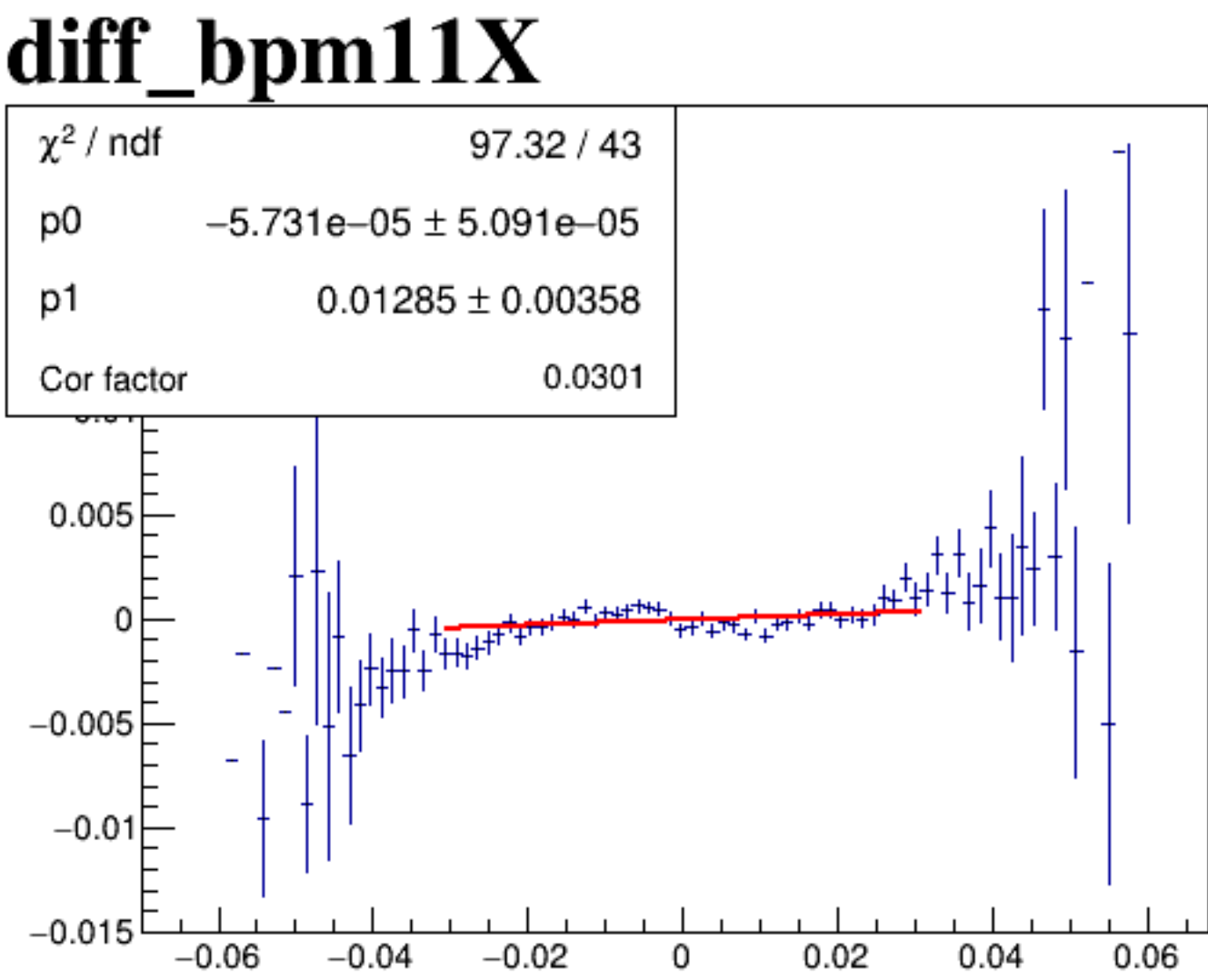
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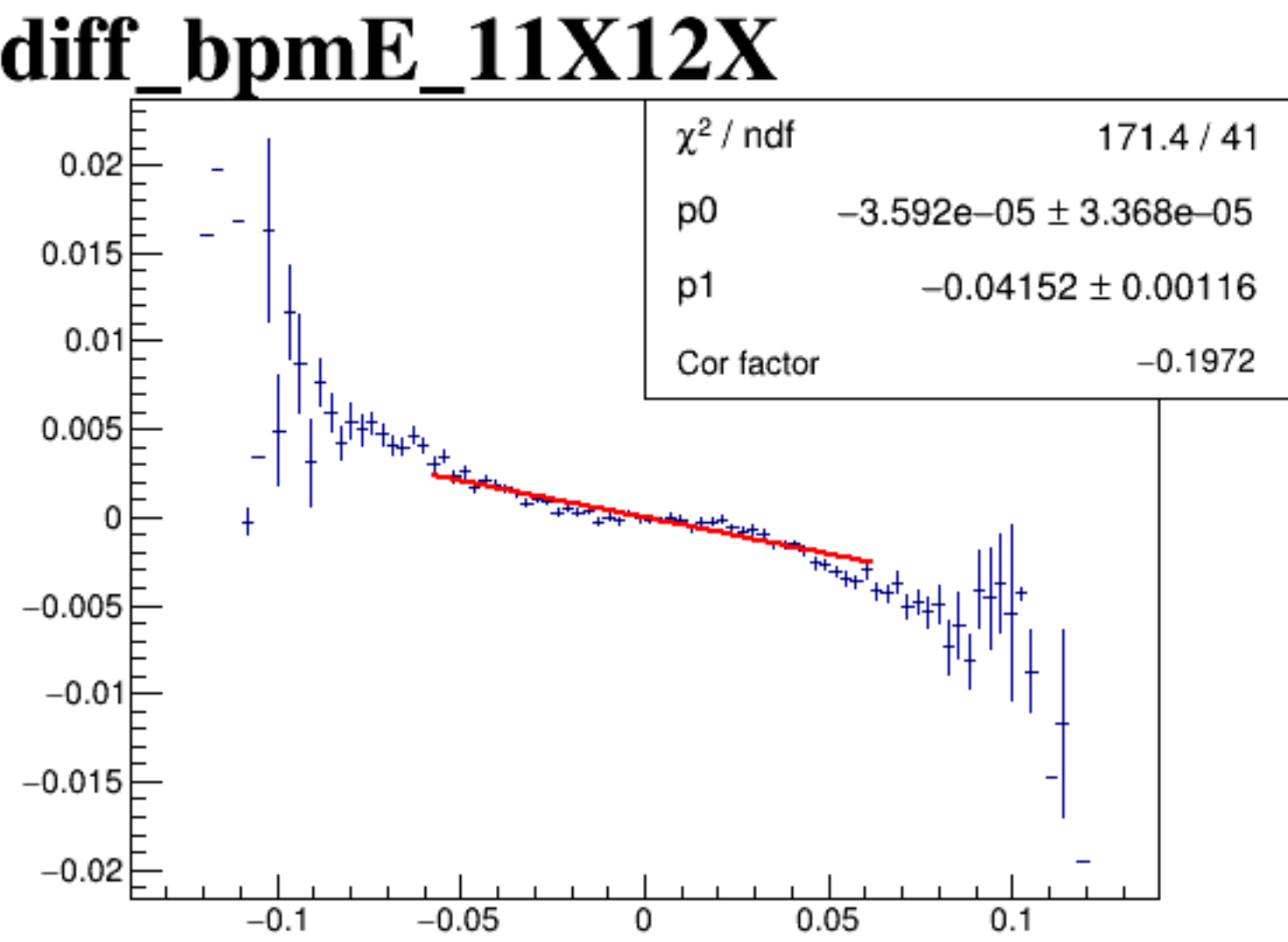
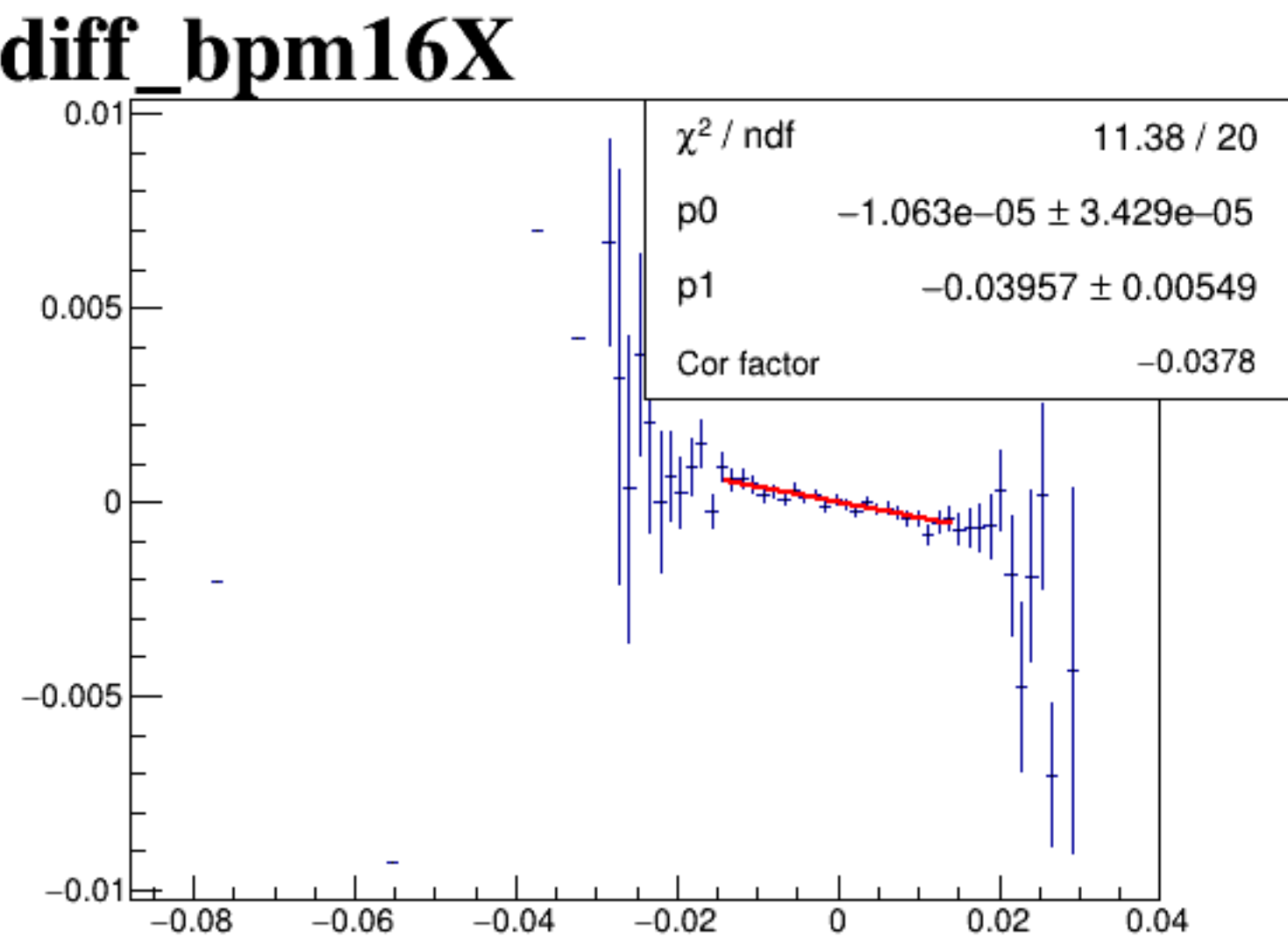
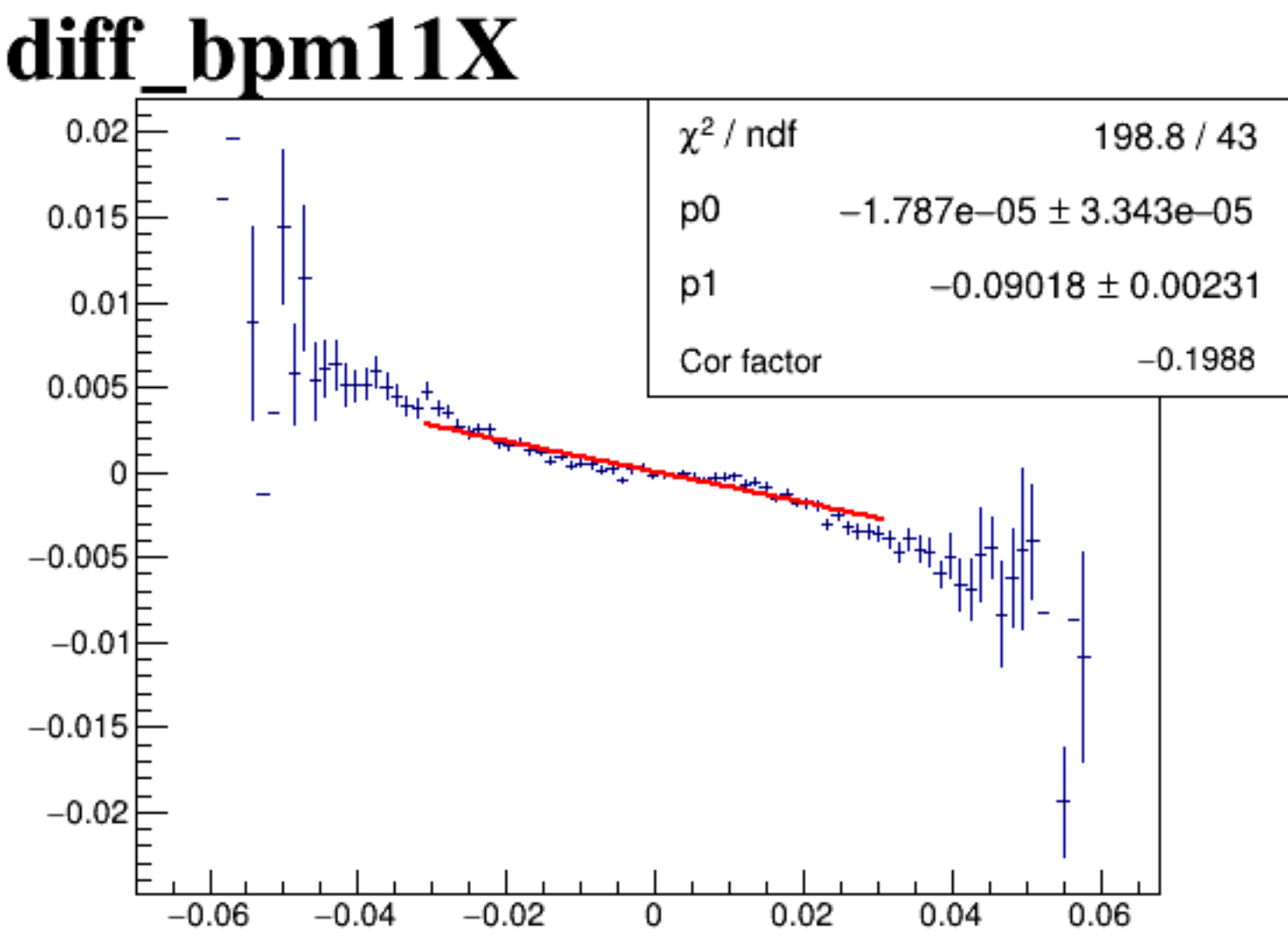
diff_bpm12X



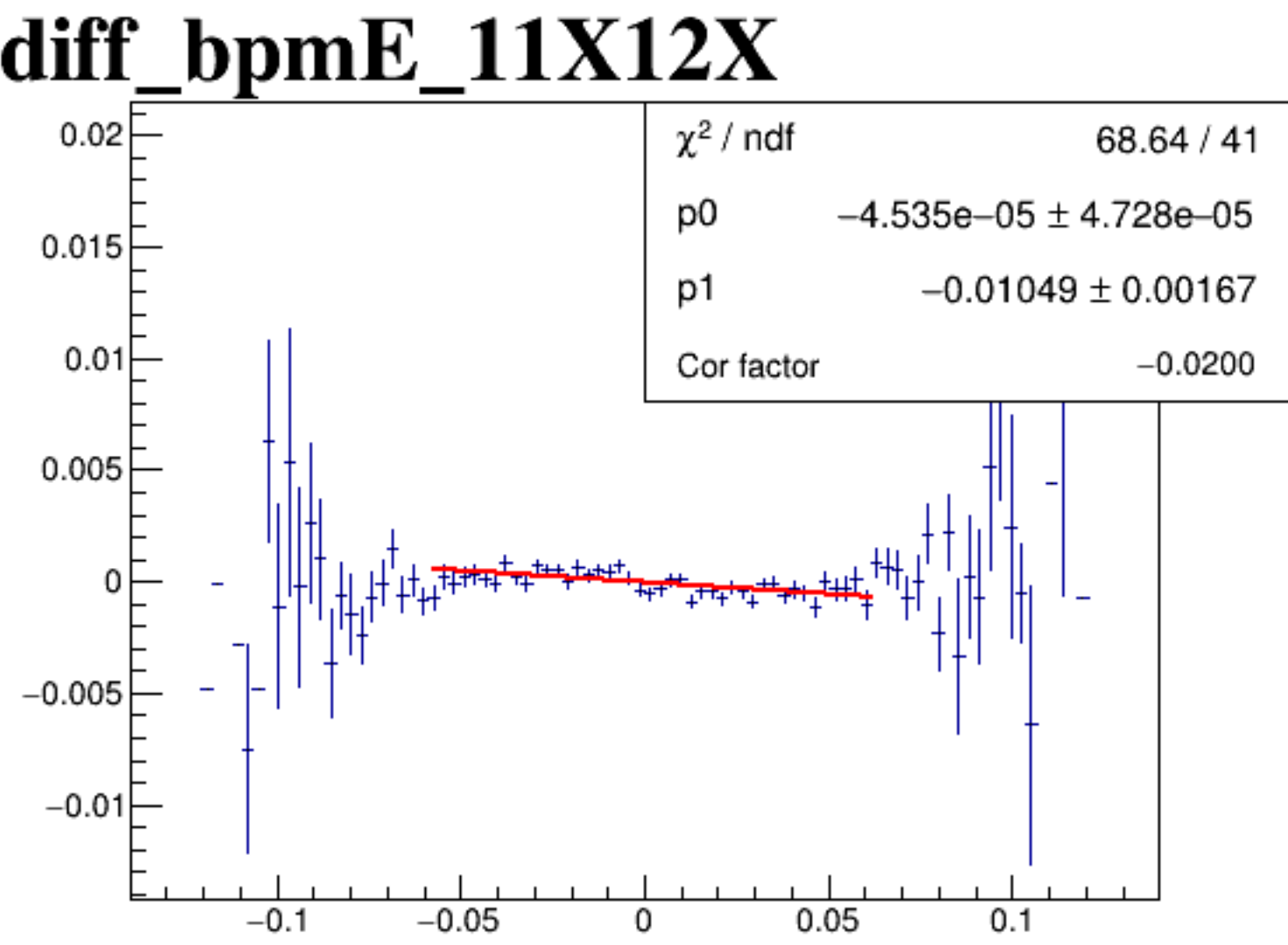
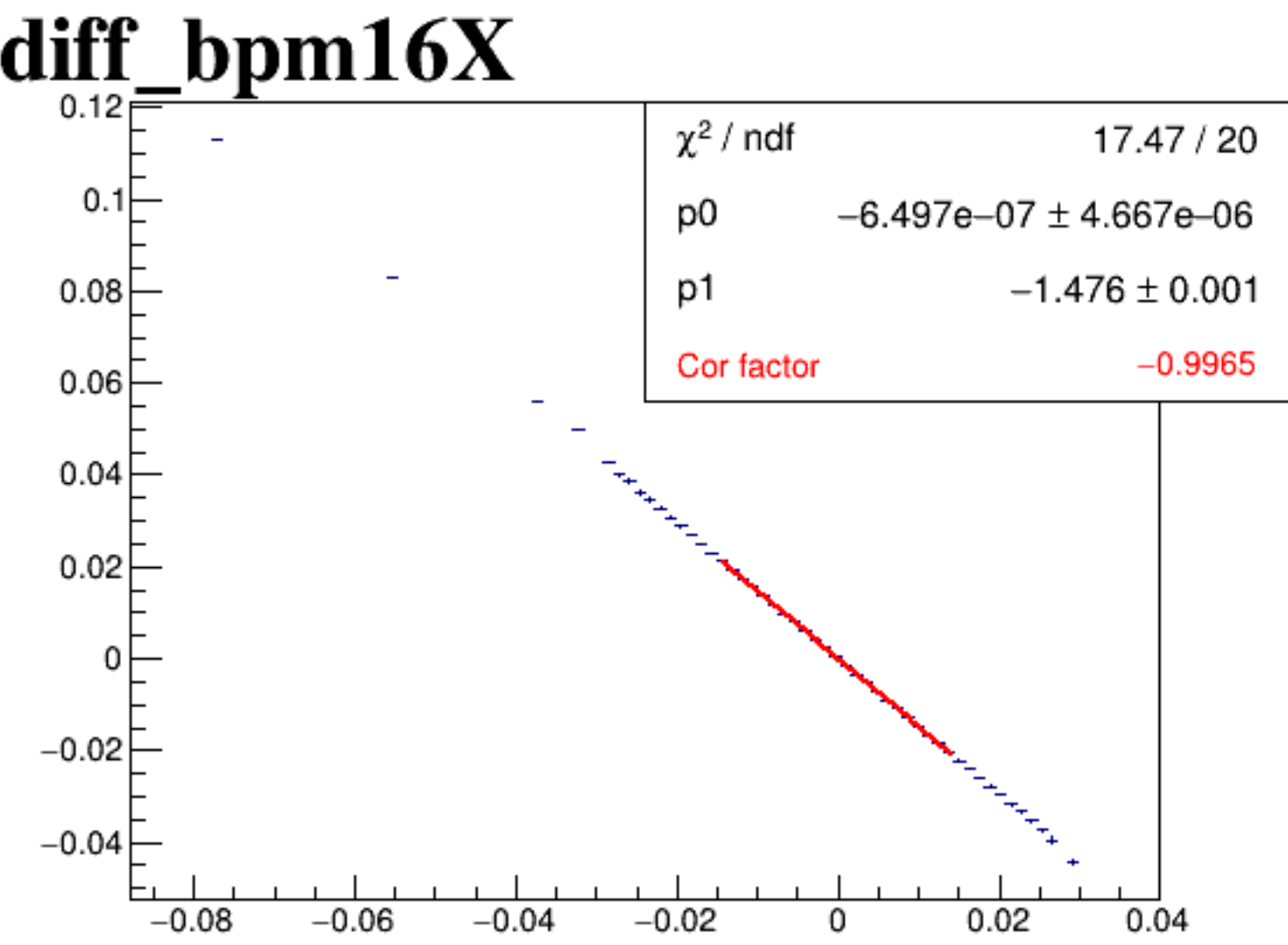
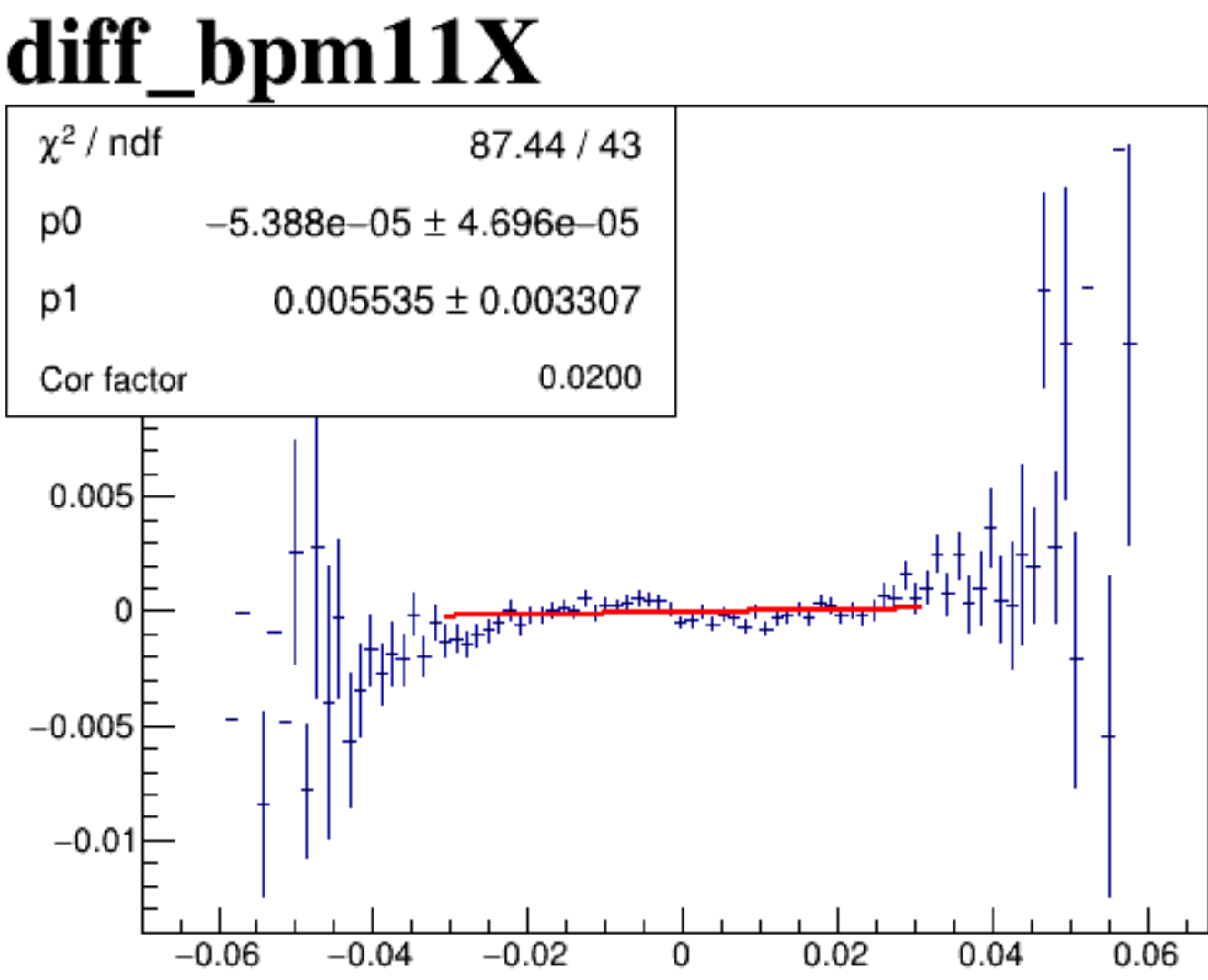
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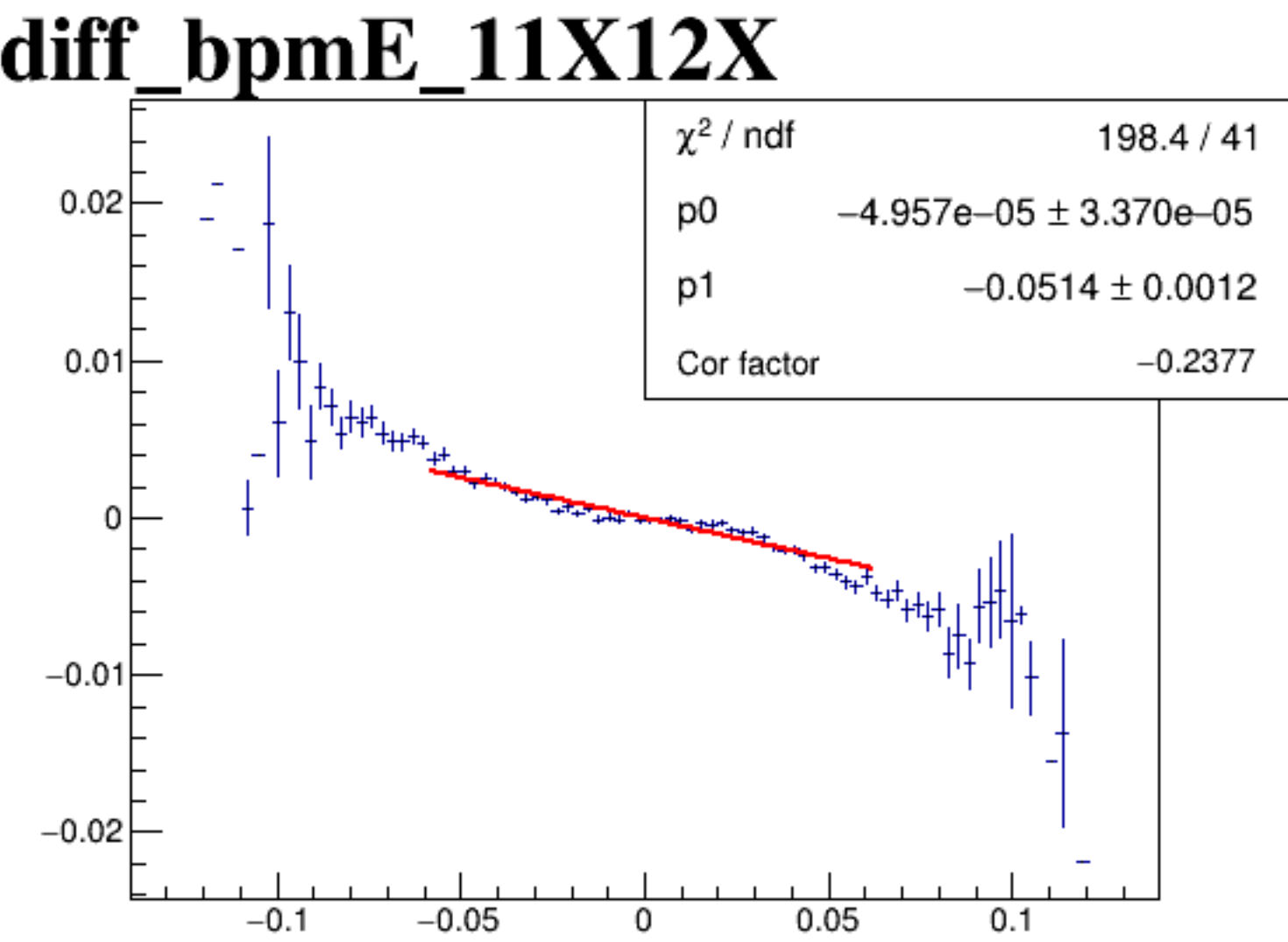
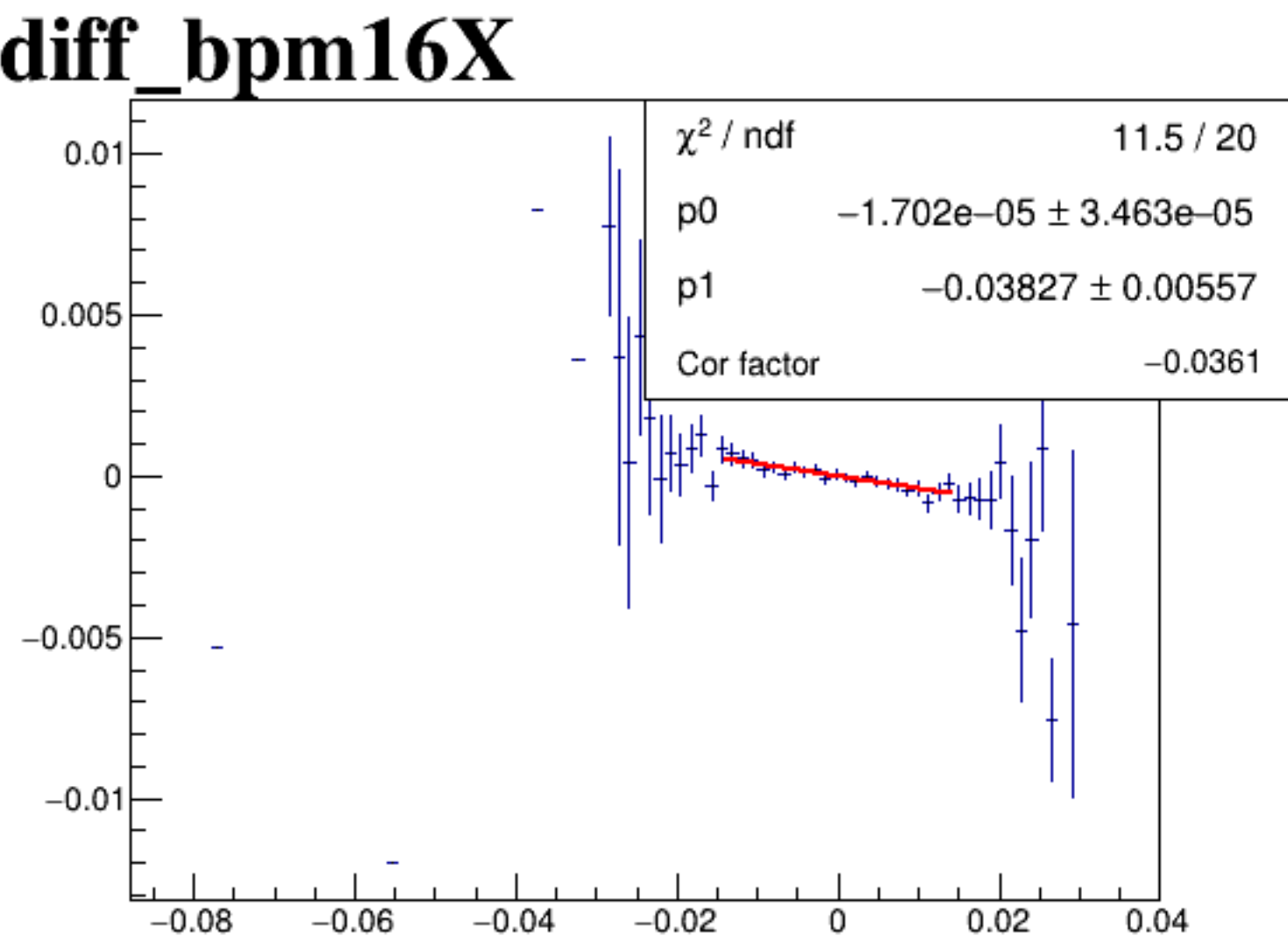
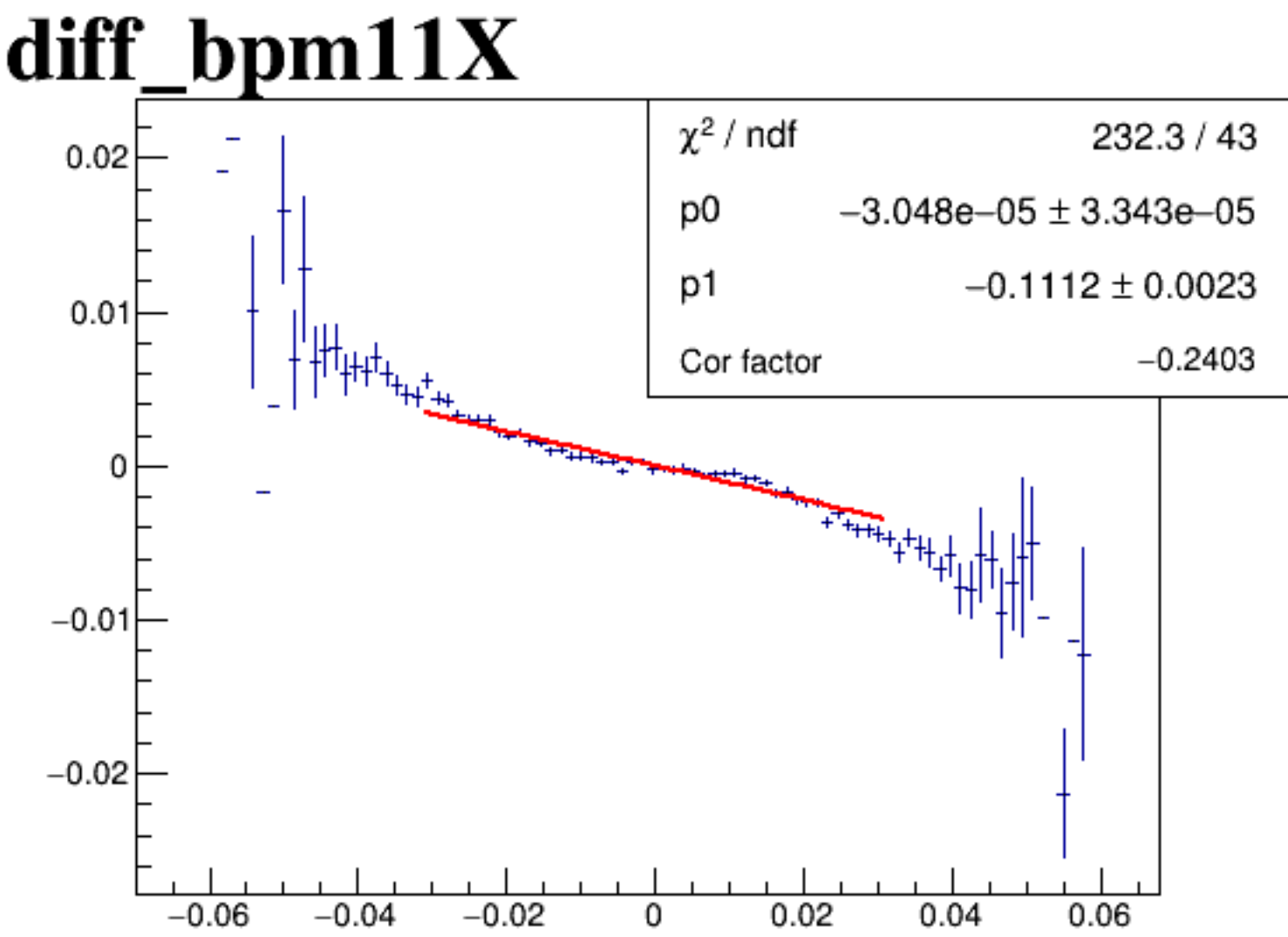
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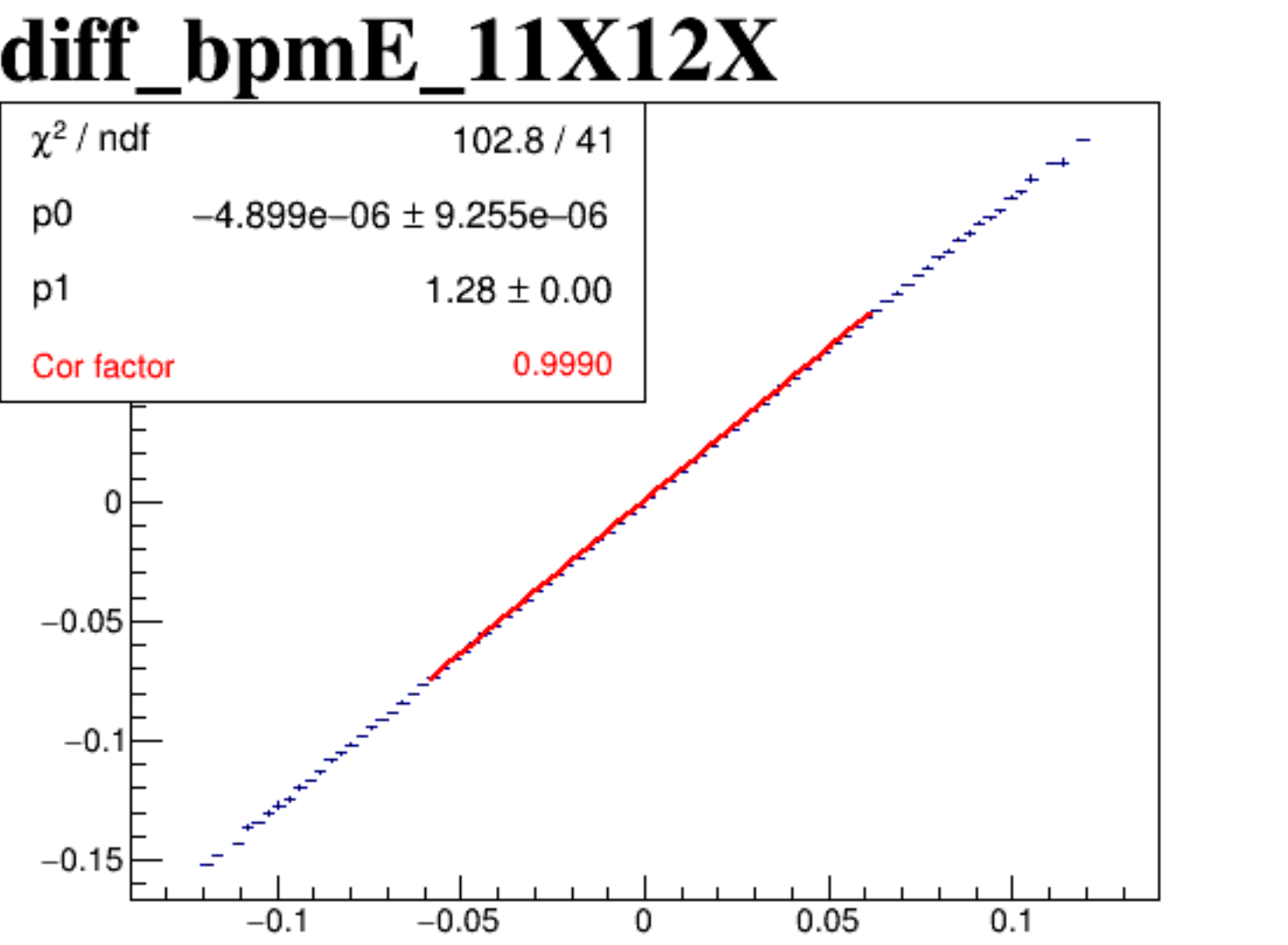
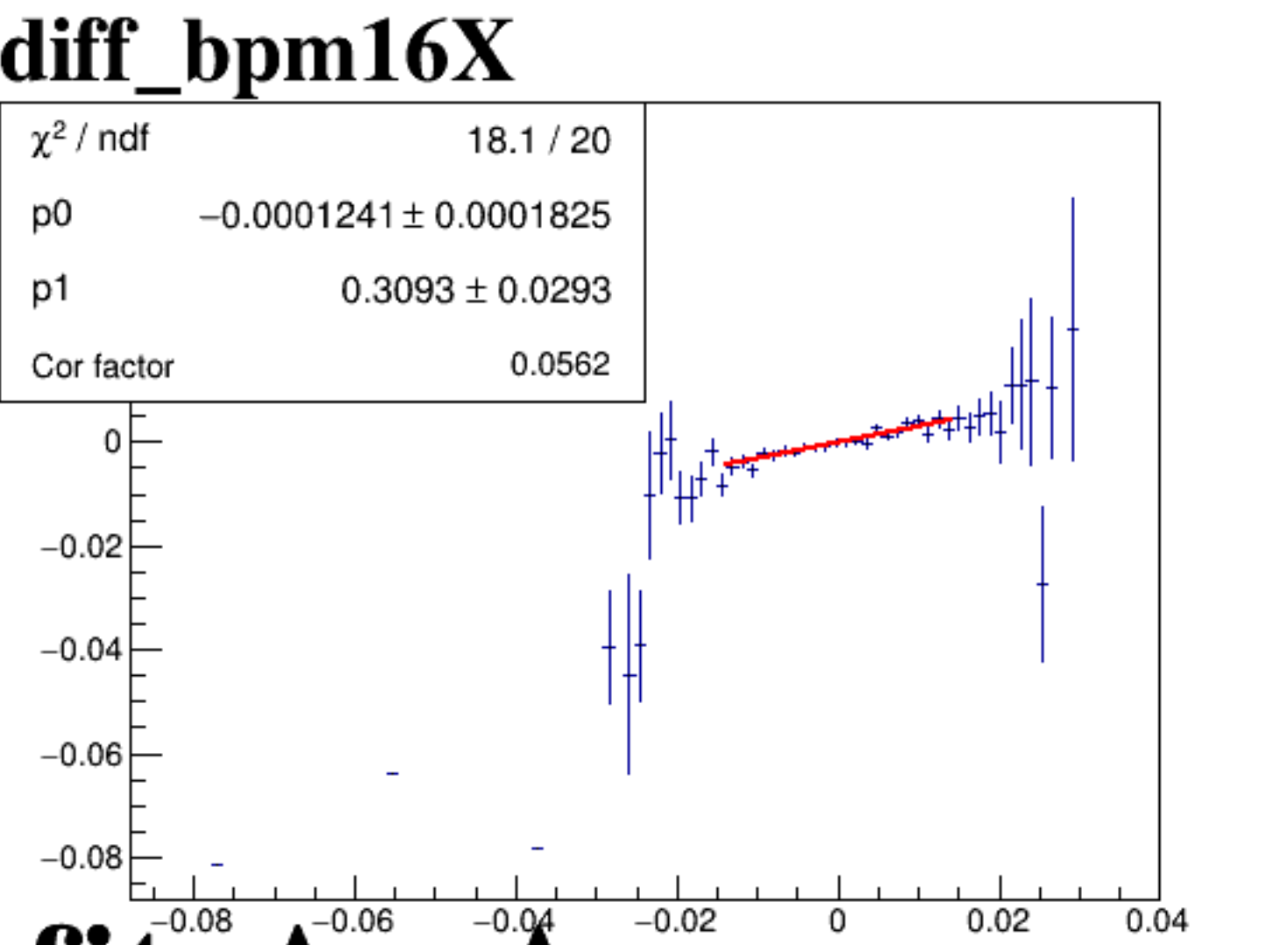
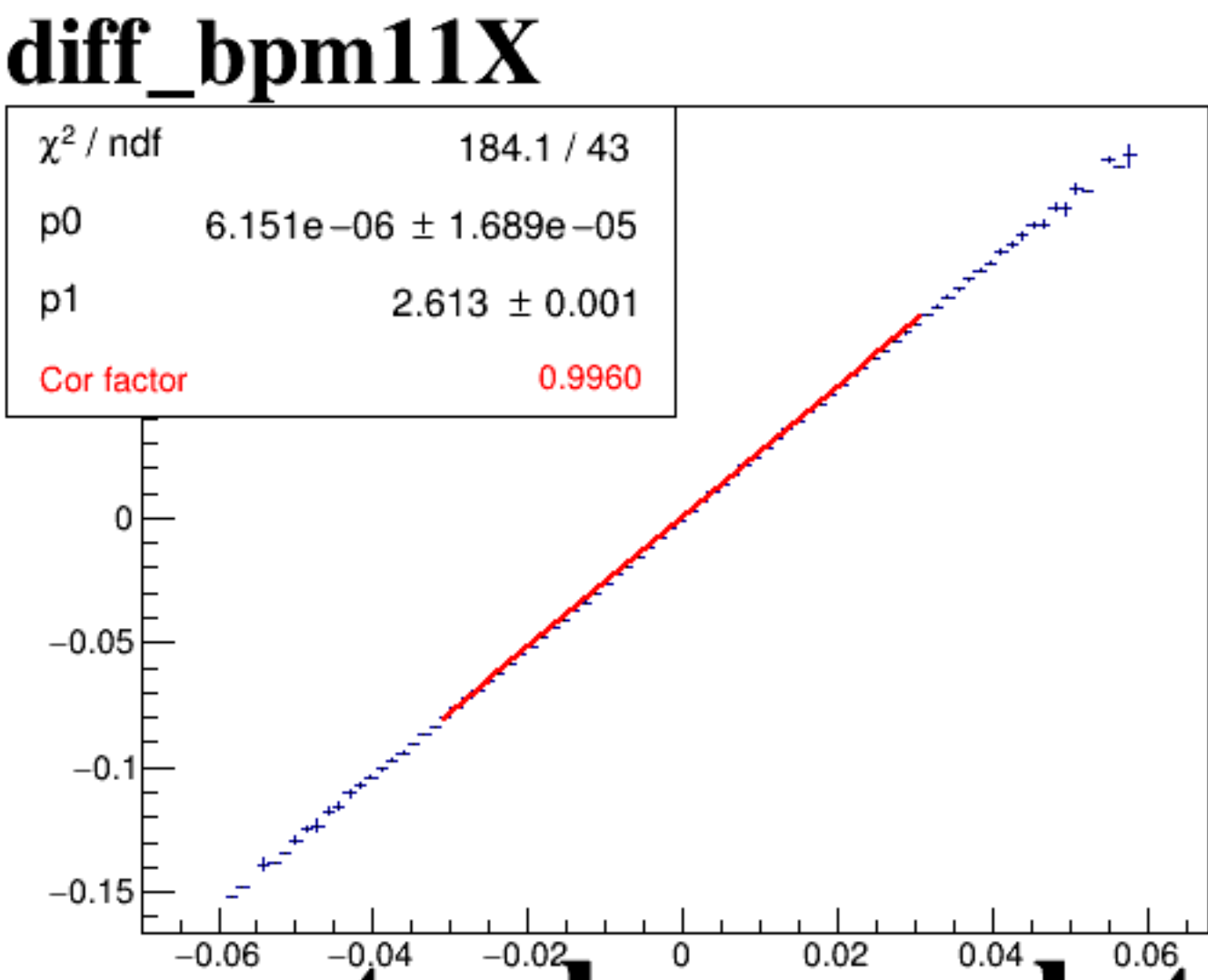
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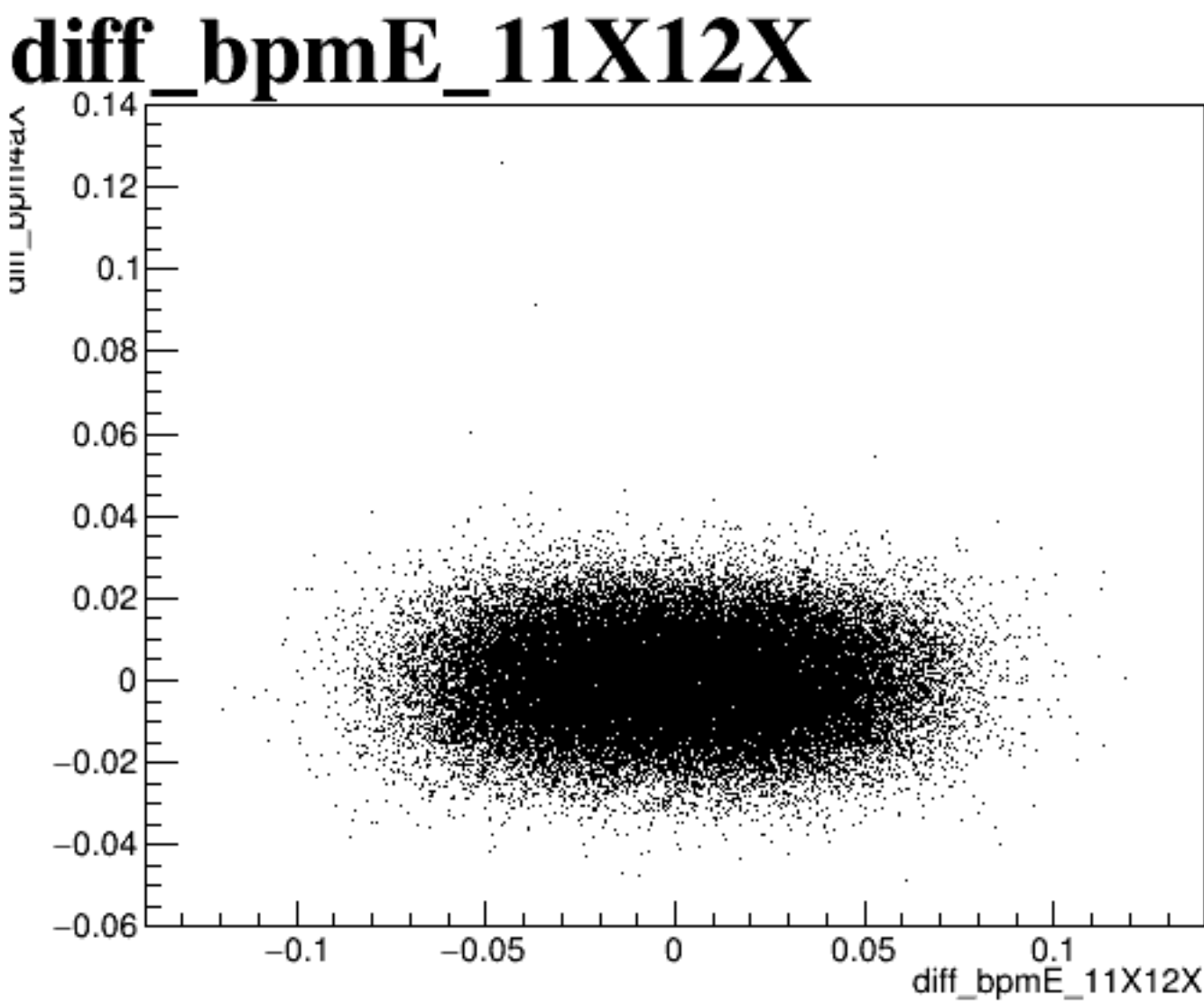
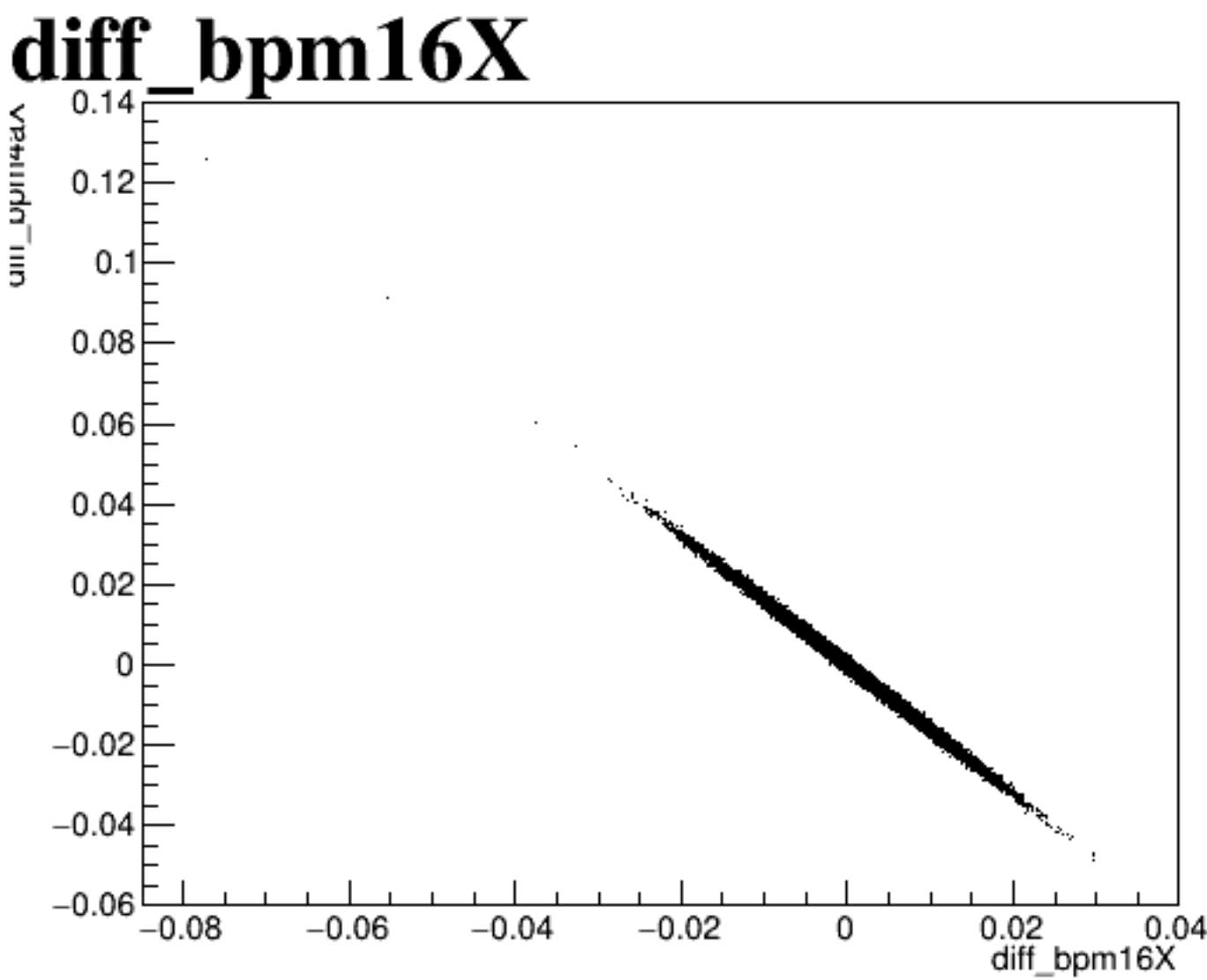
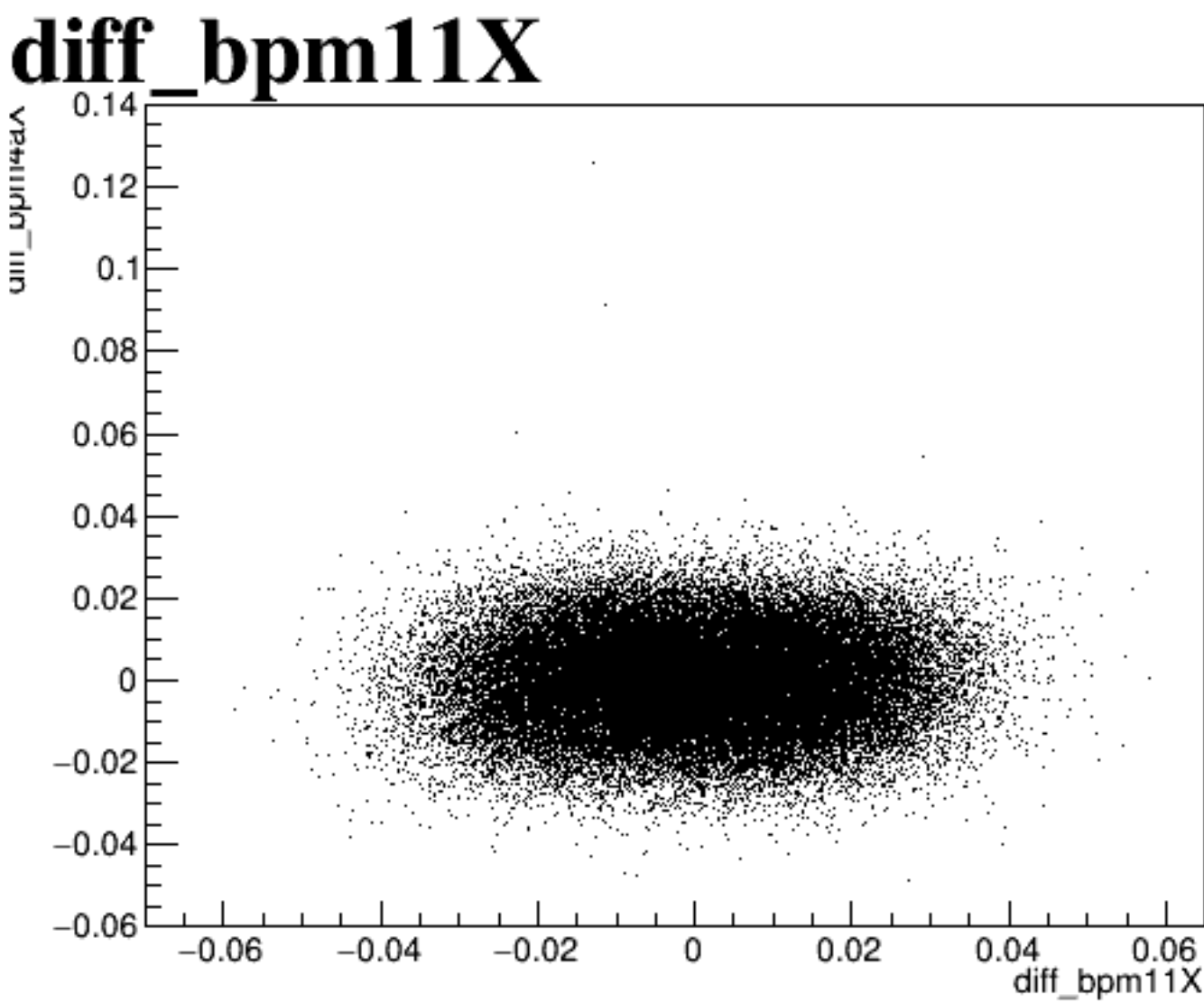
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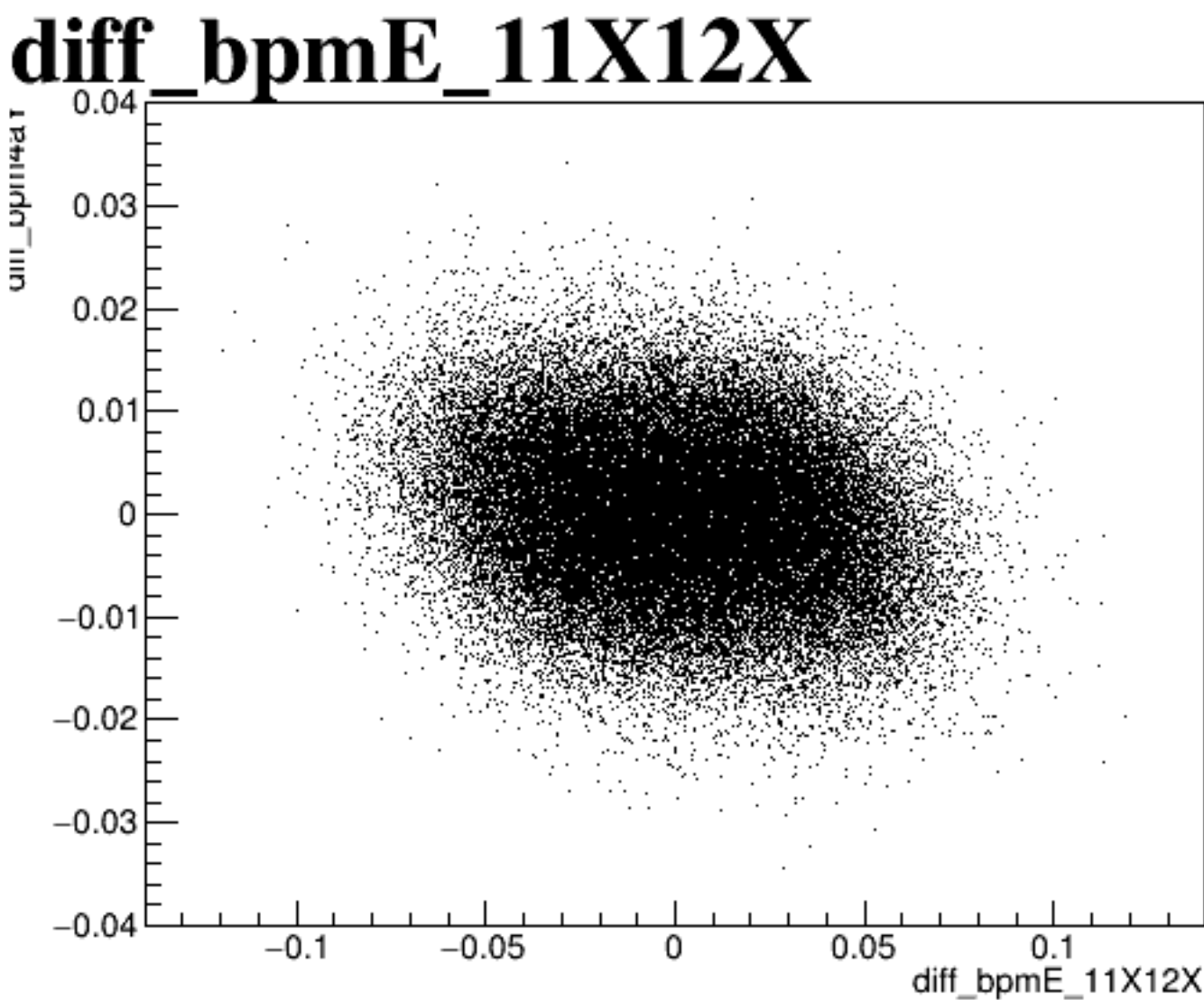
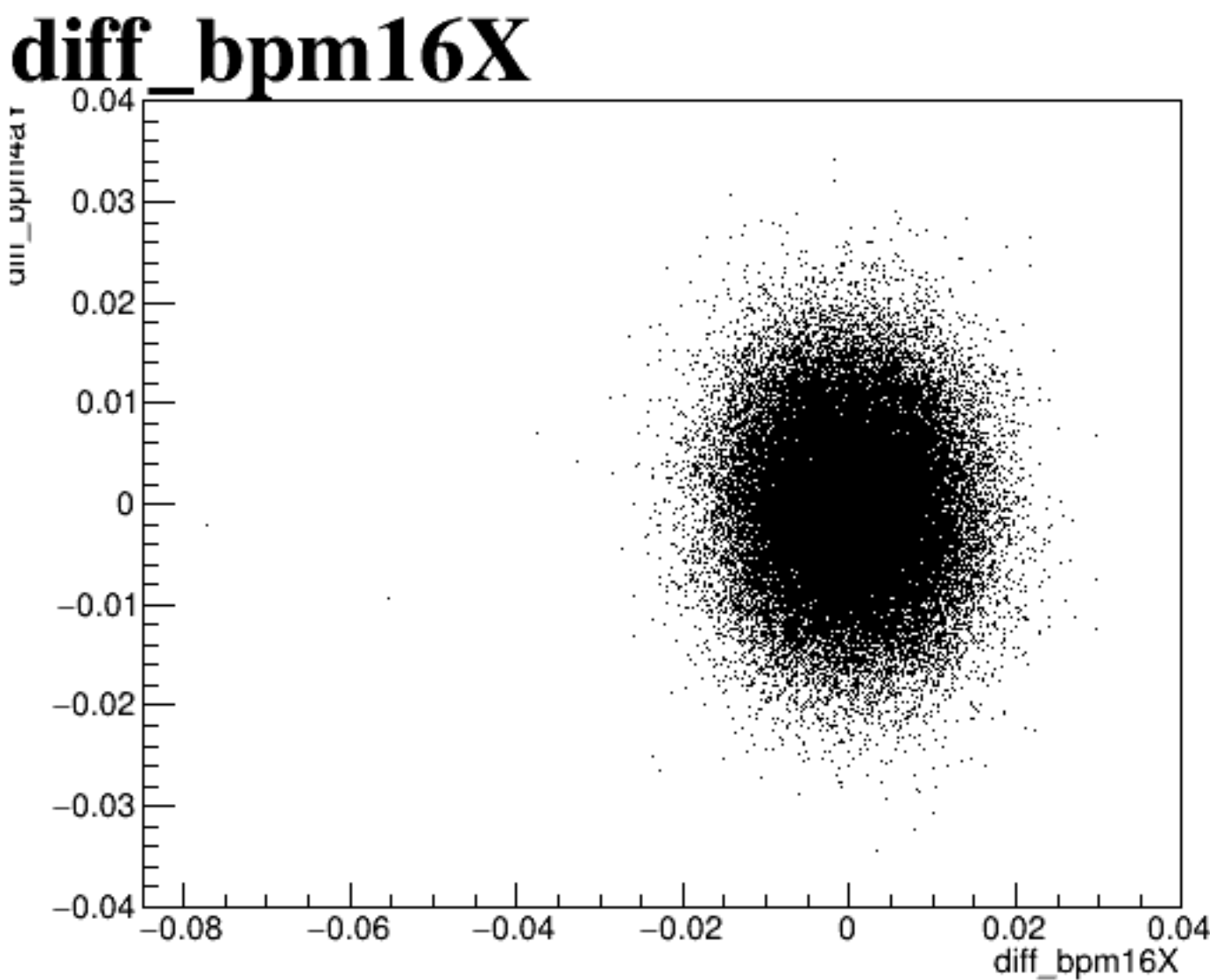
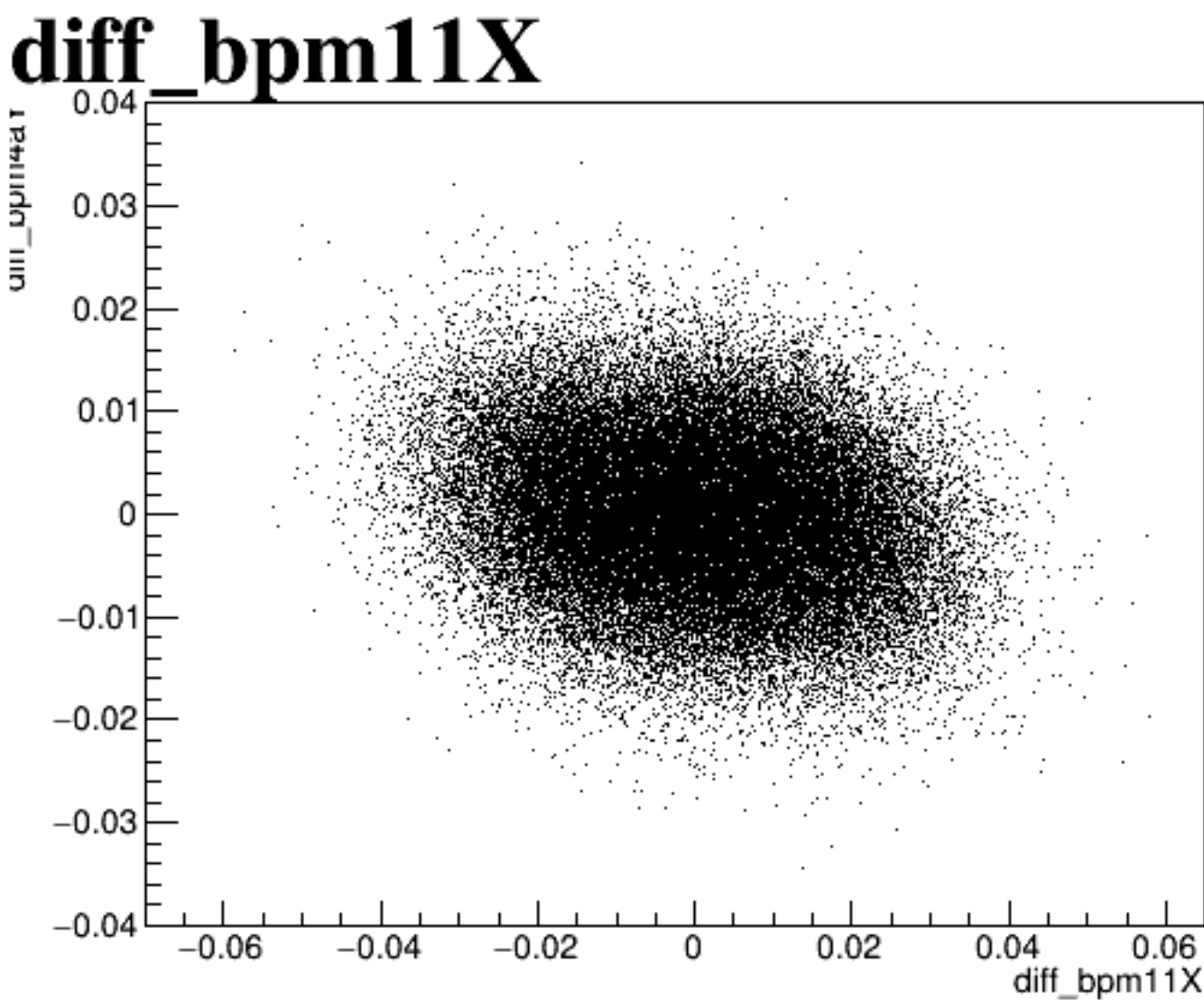
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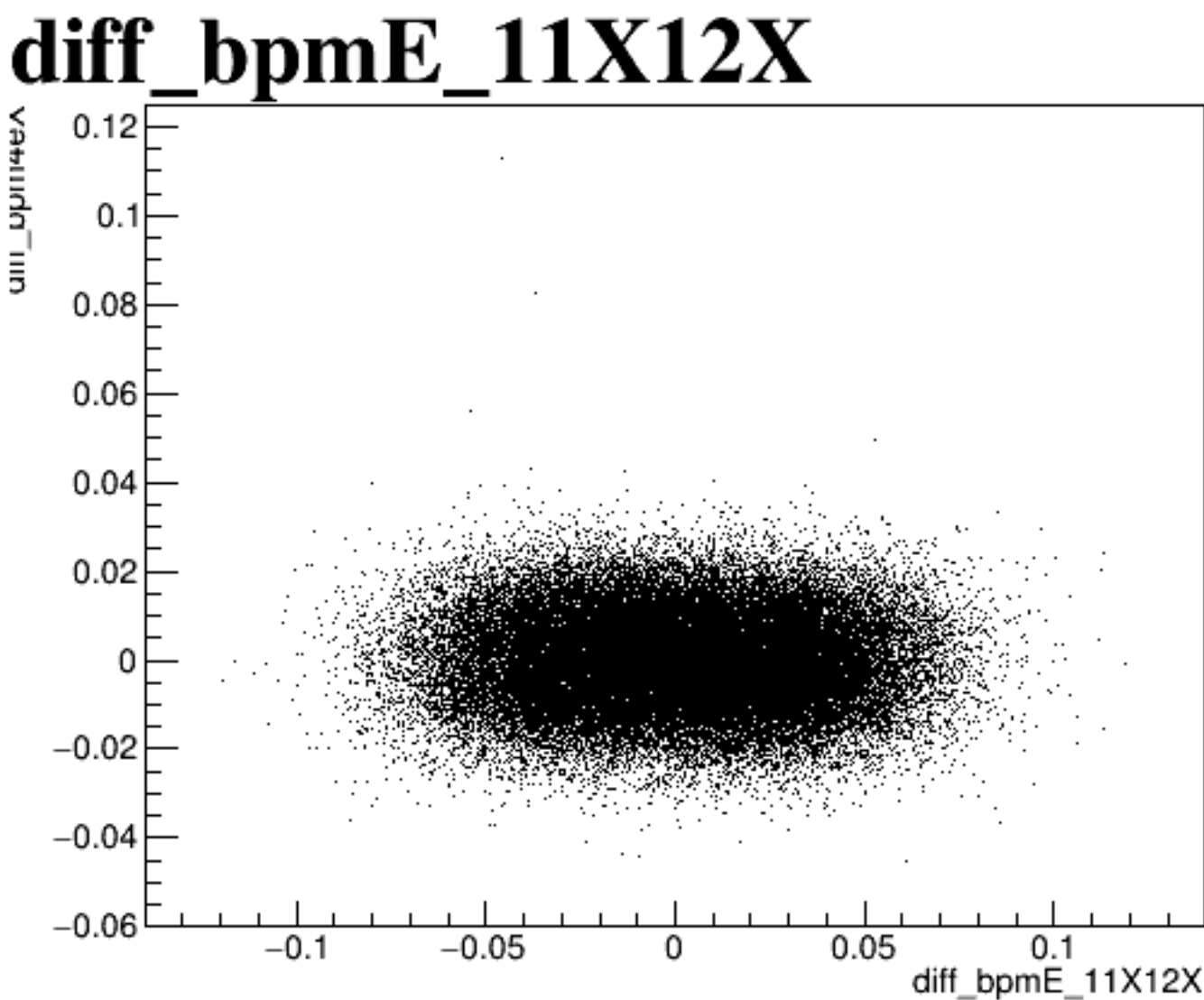
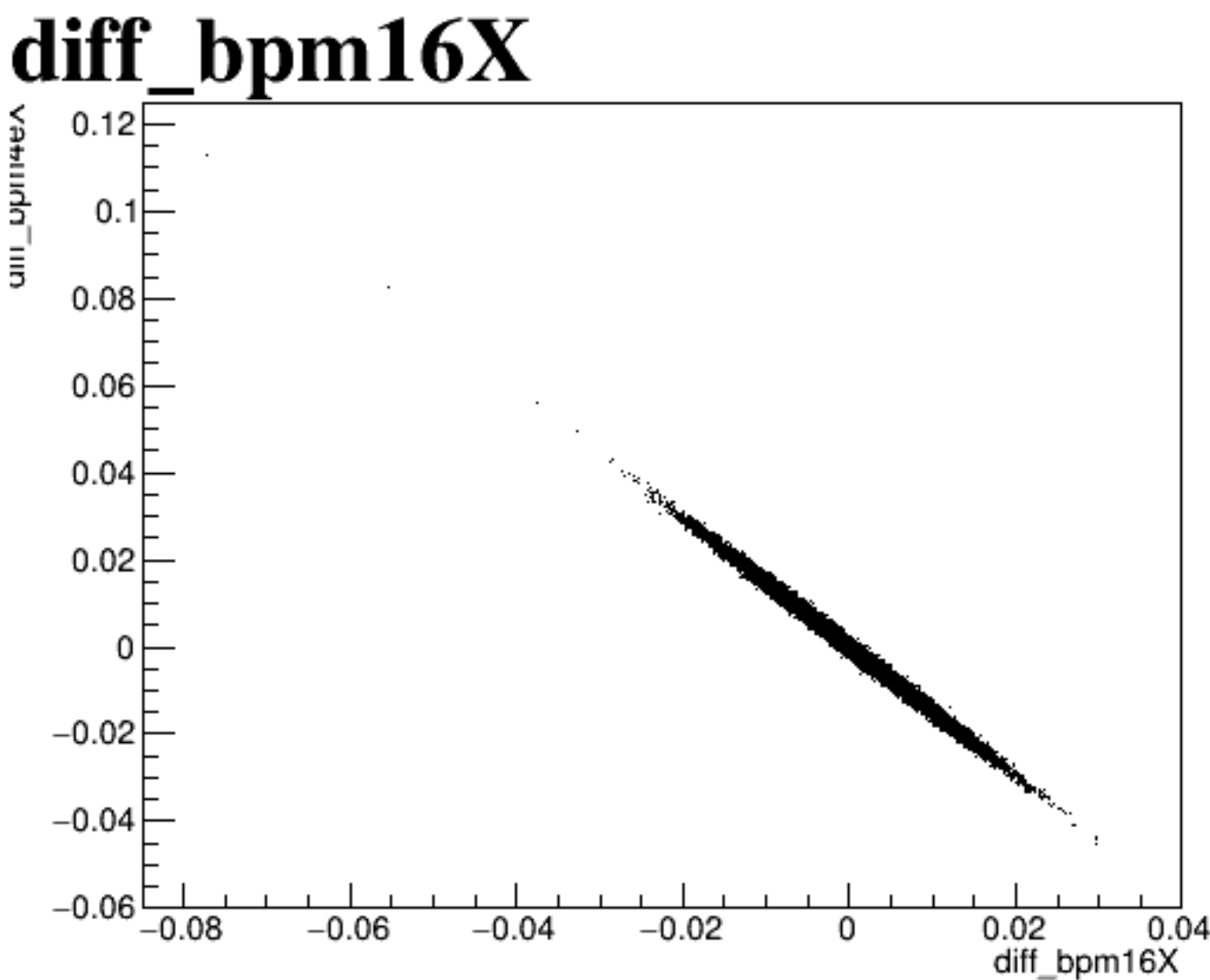
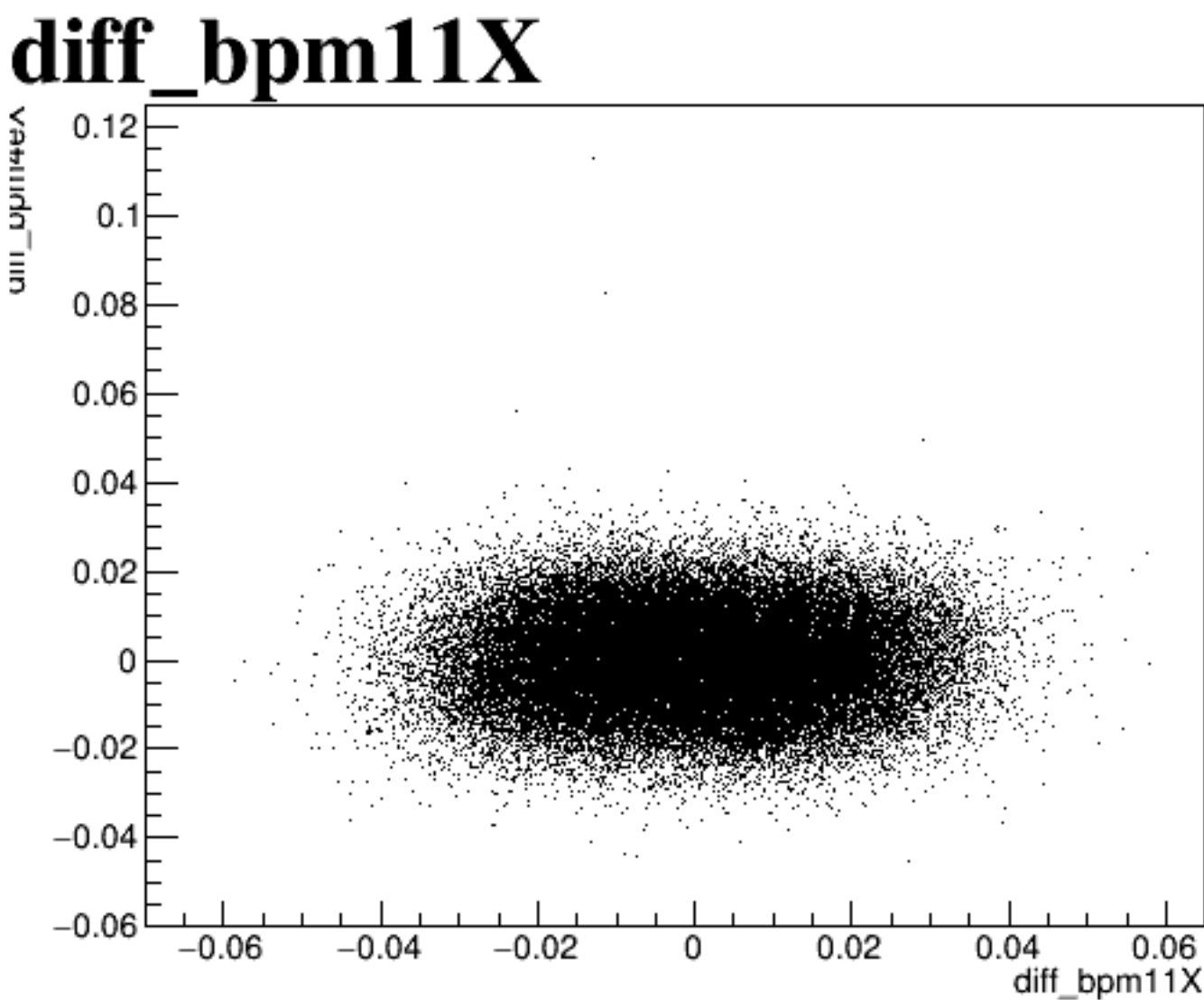
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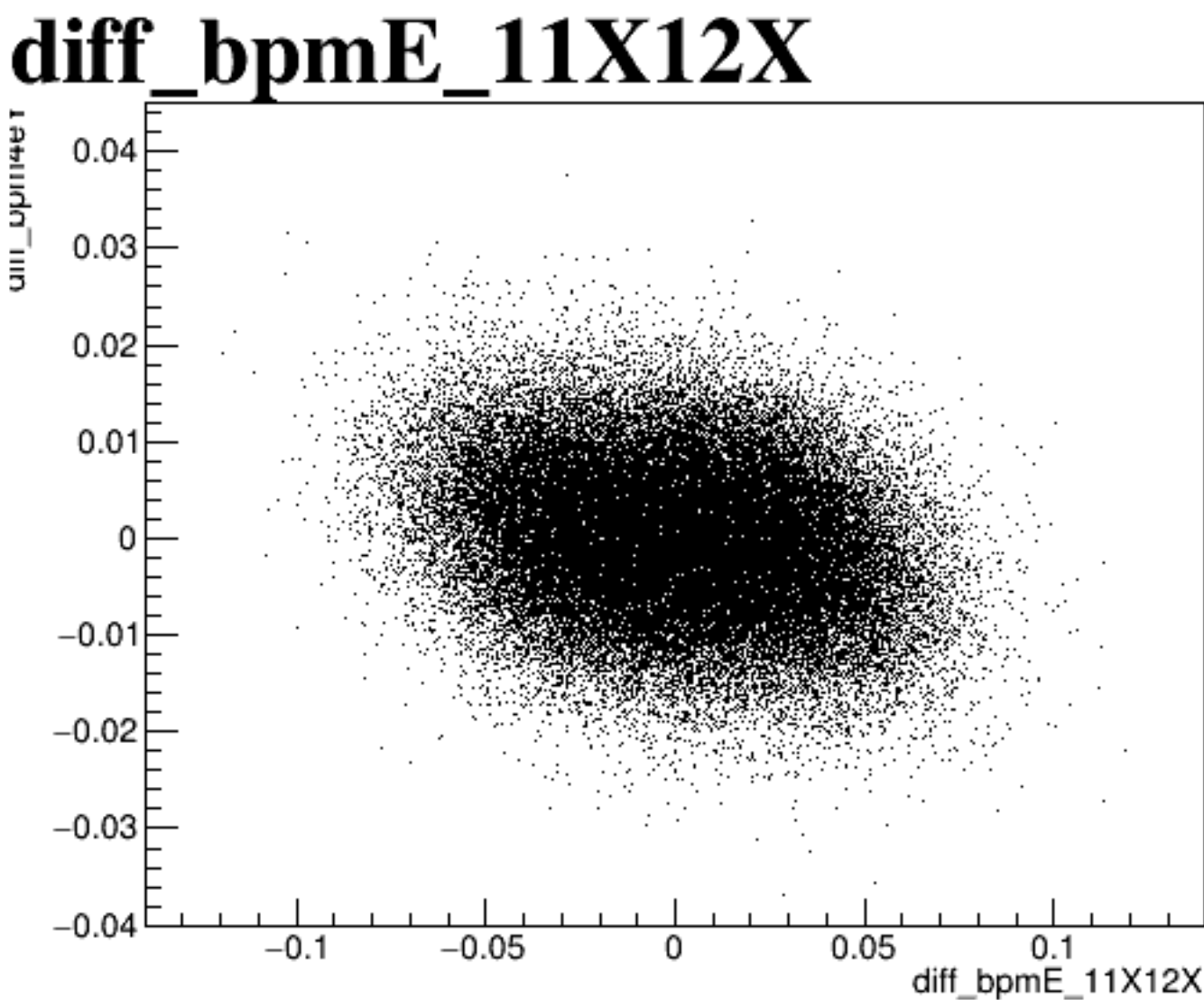
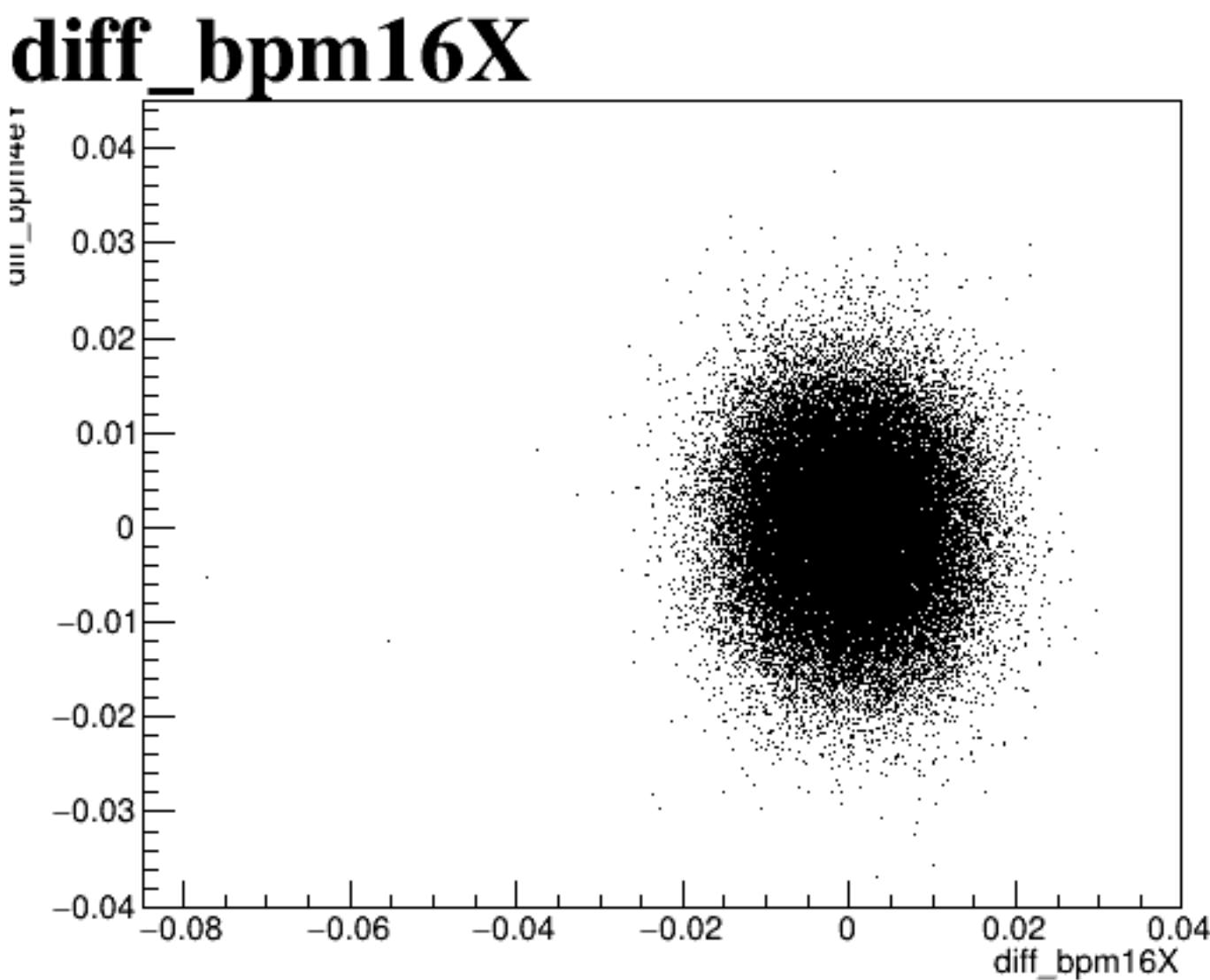
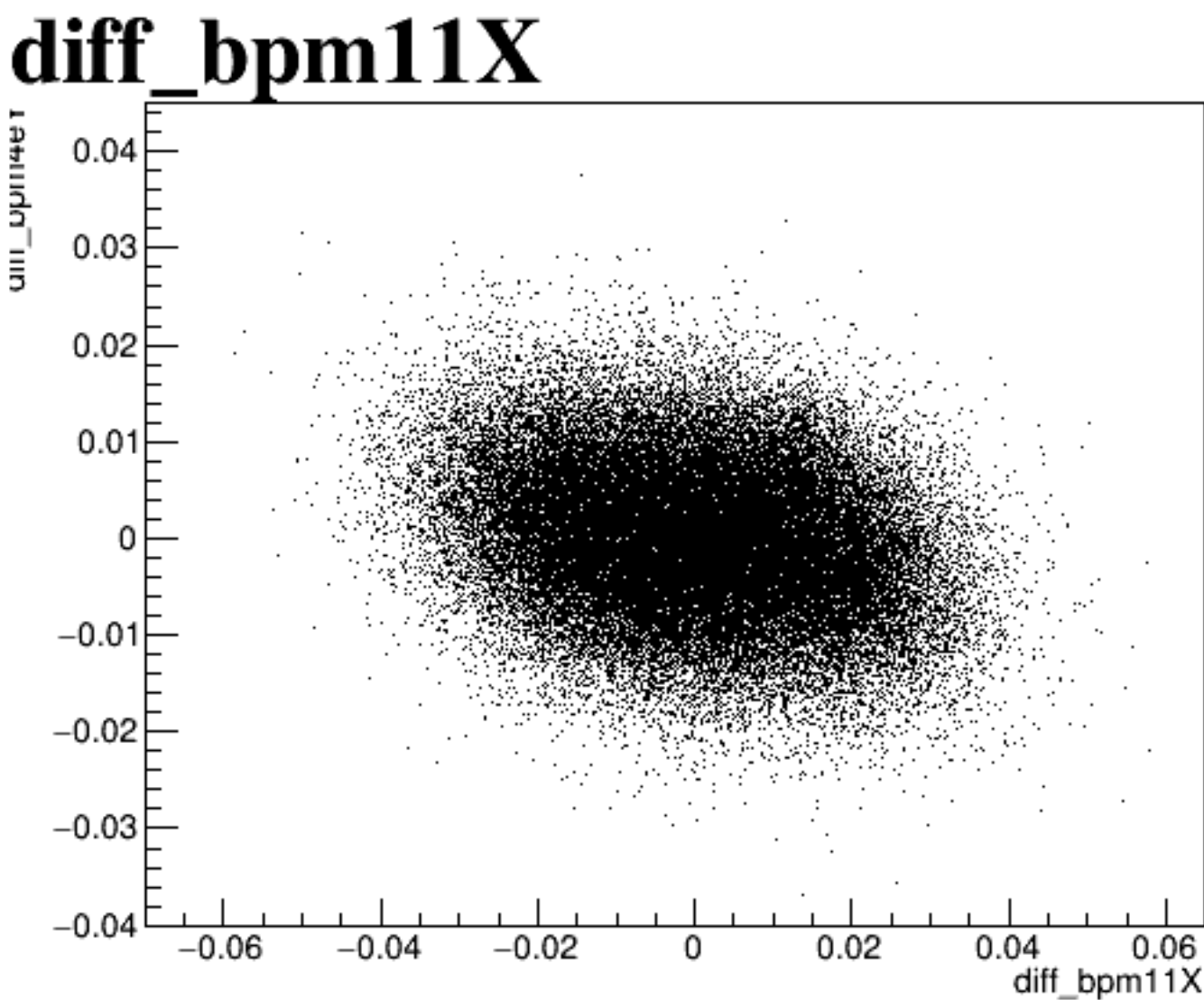
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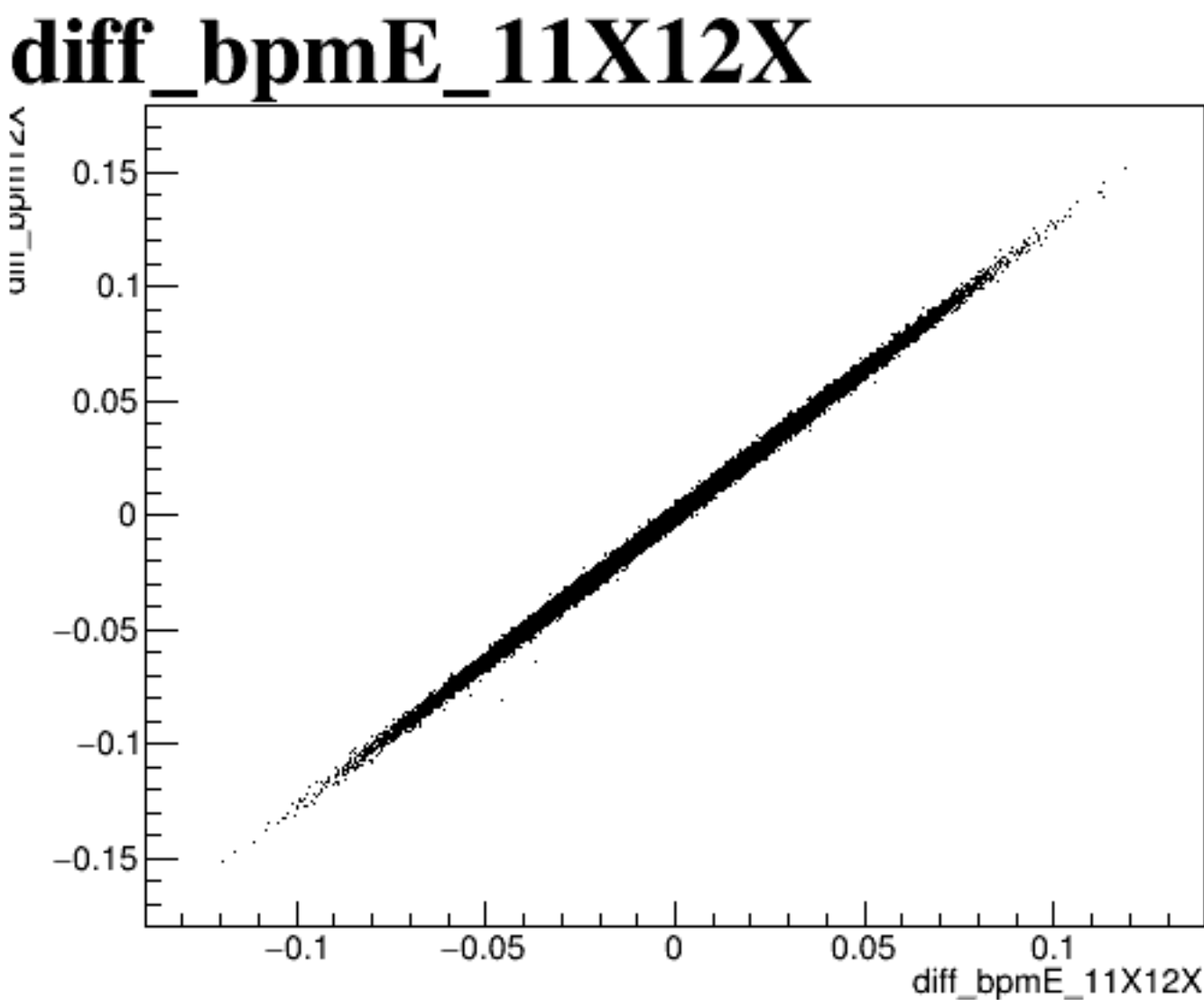
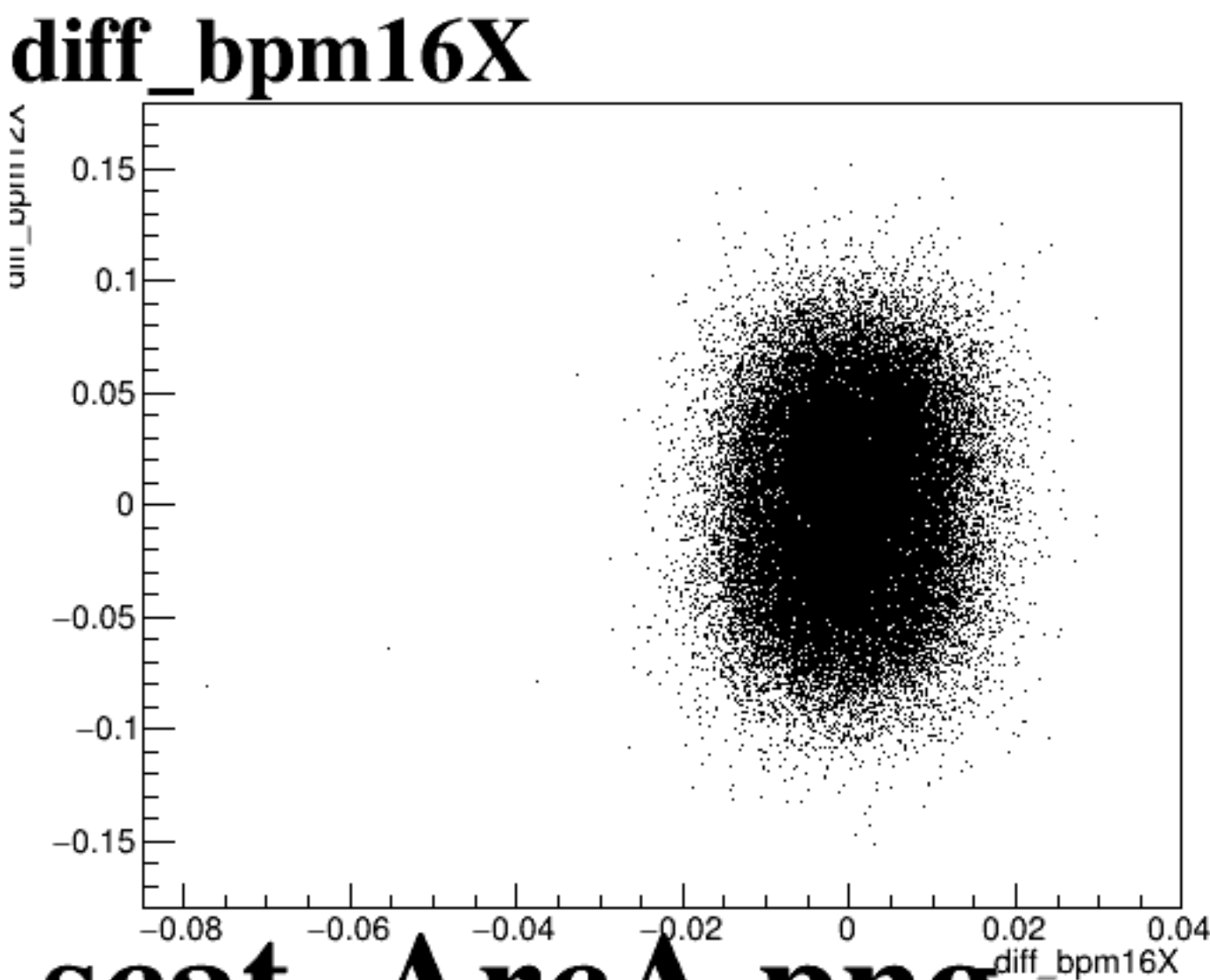
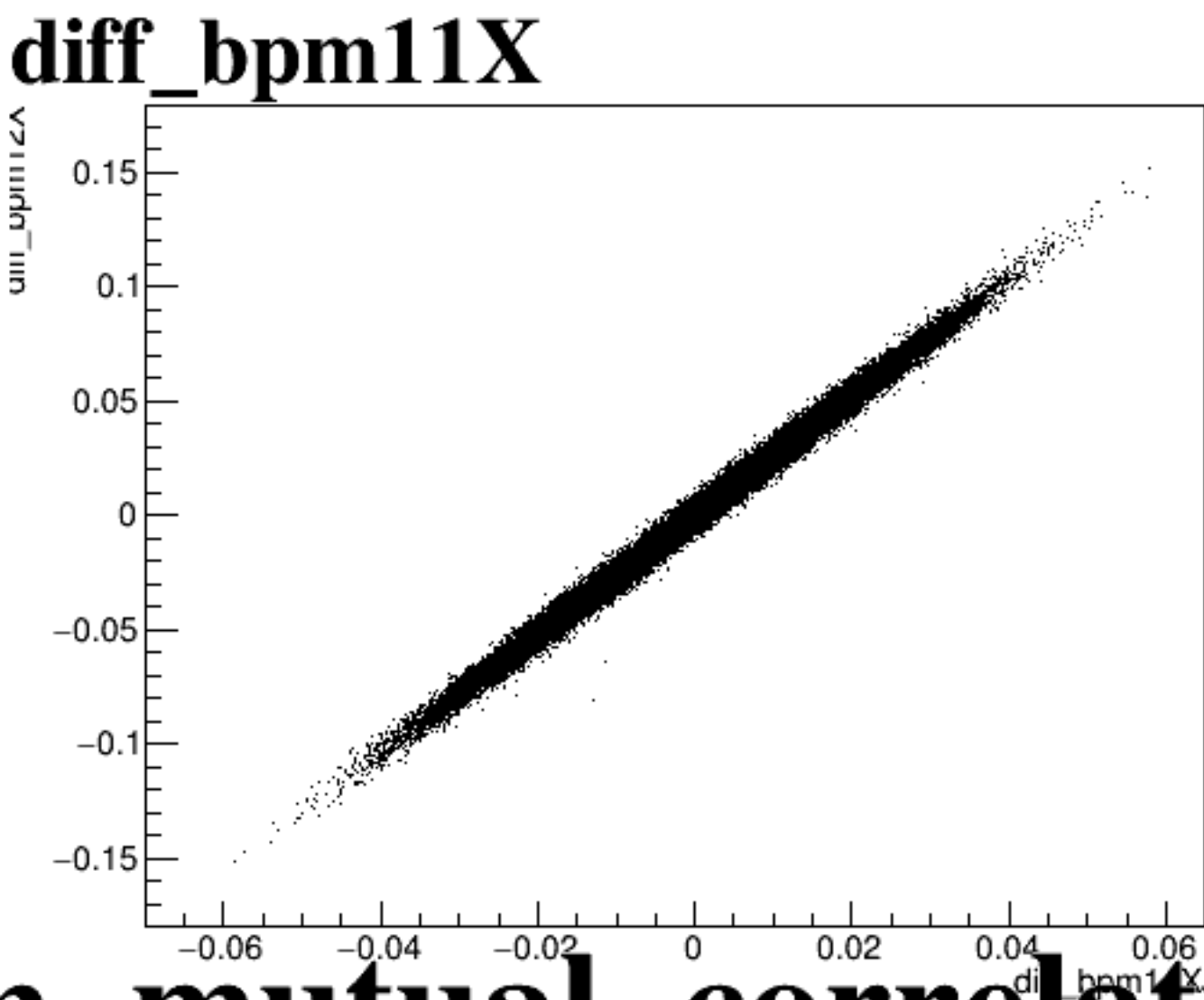
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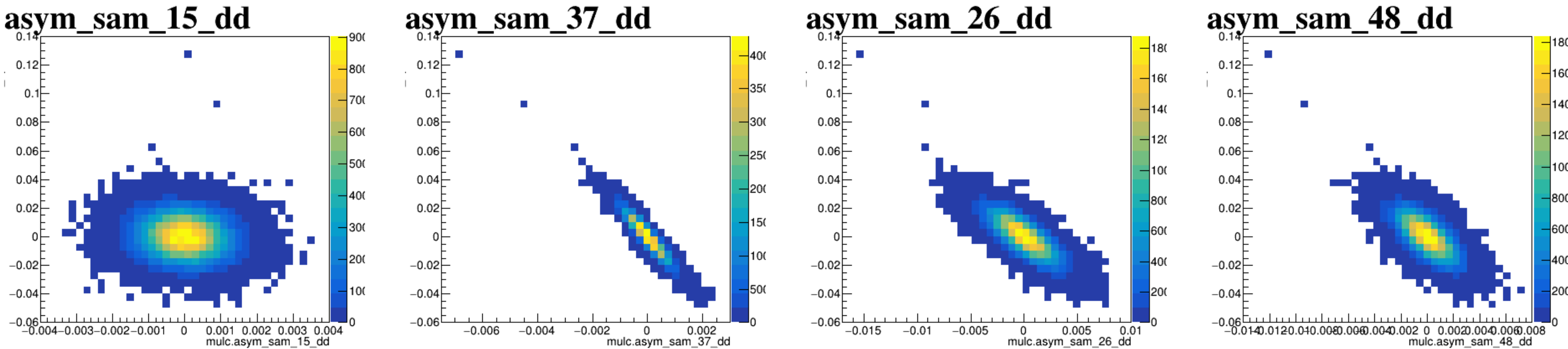
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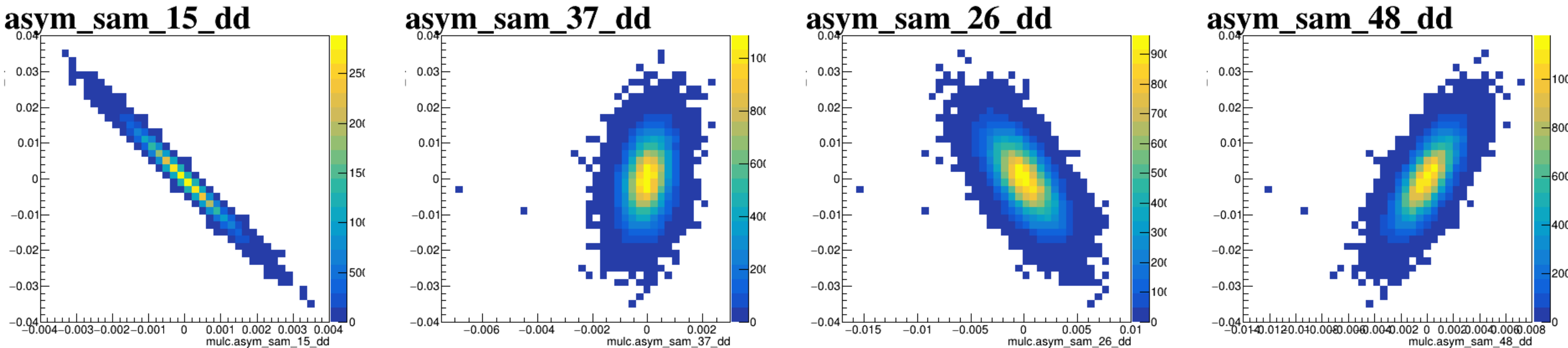
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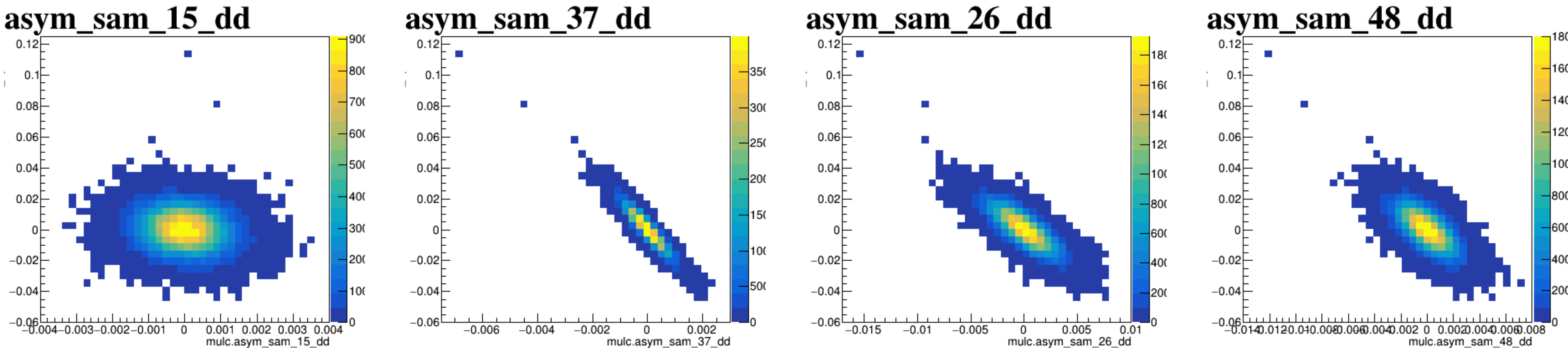
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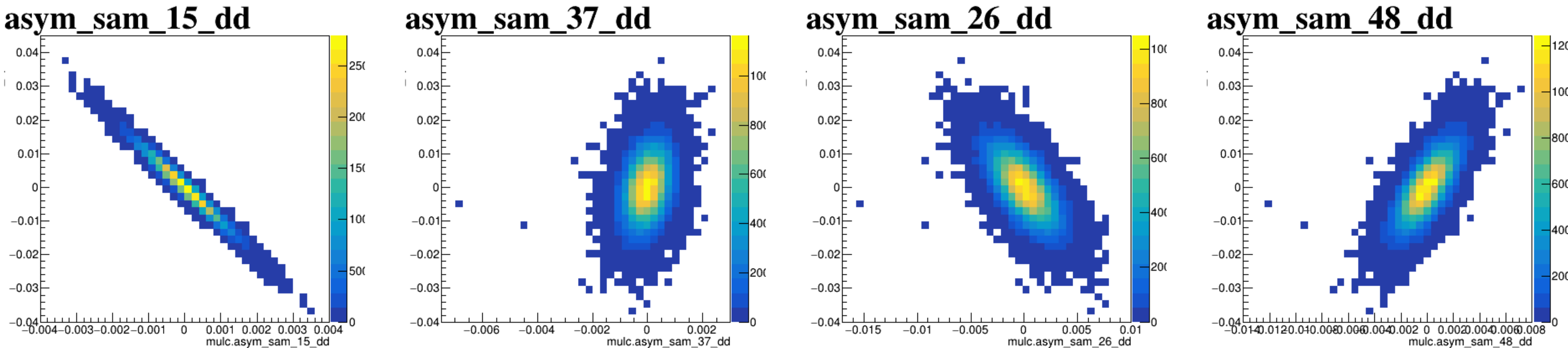
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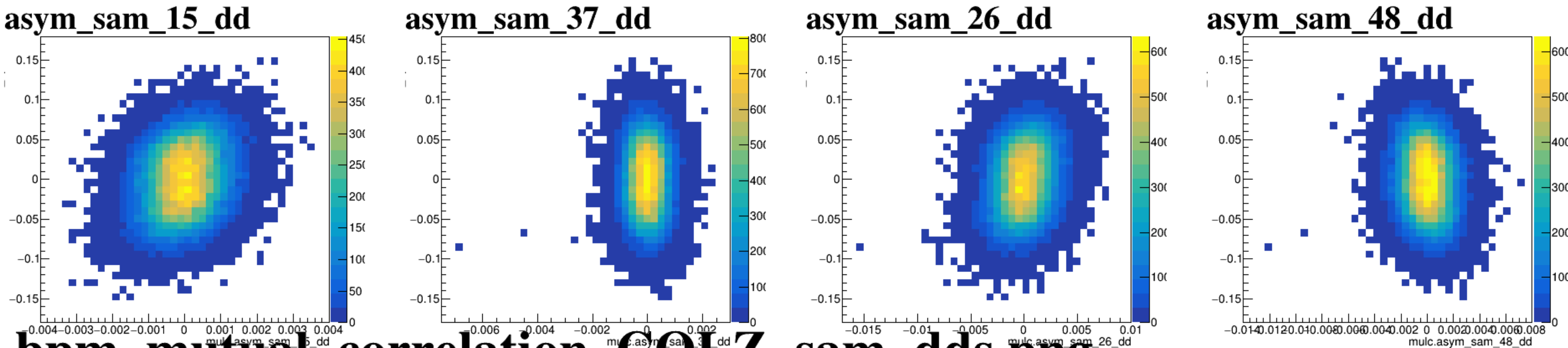
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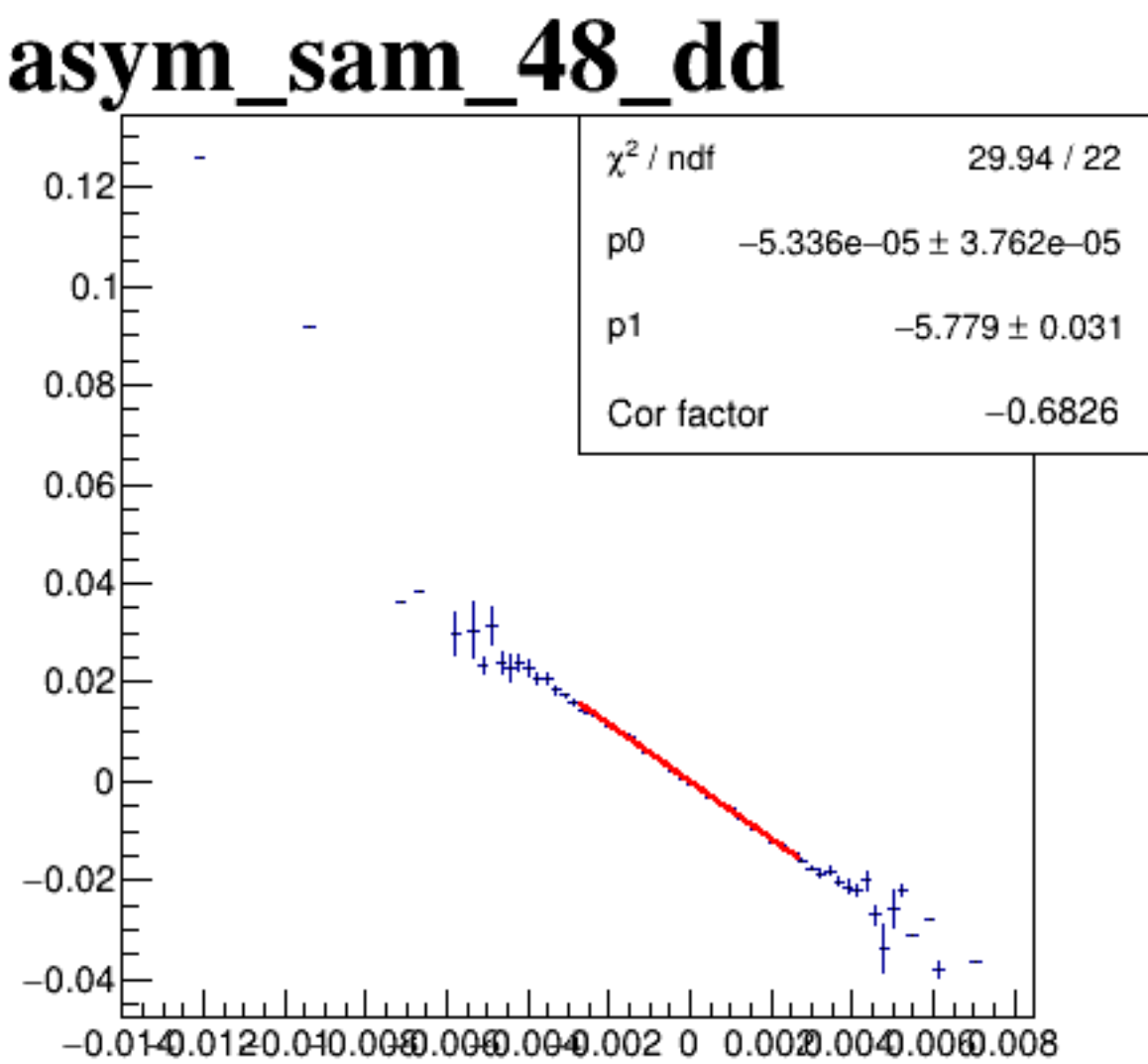
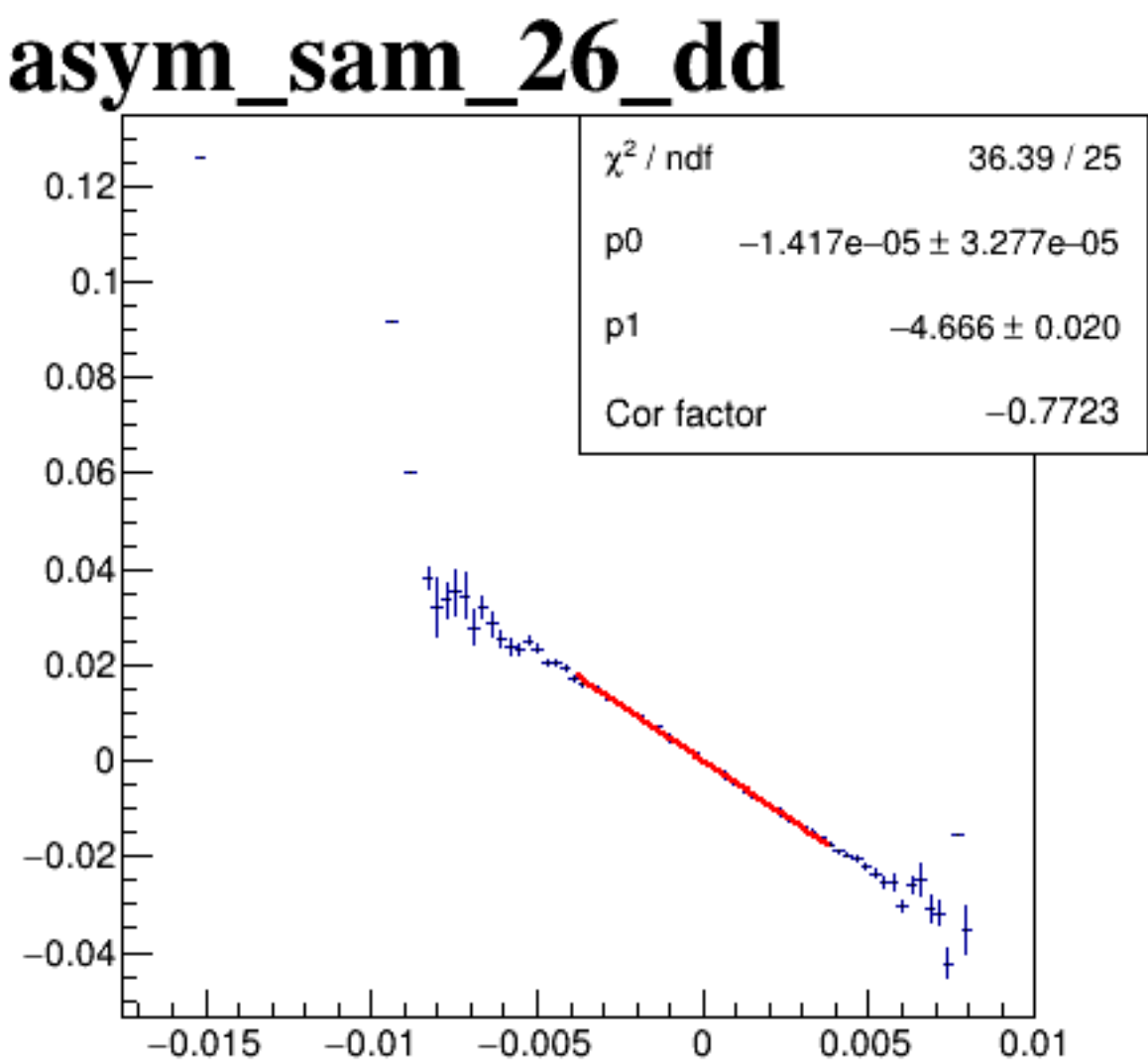
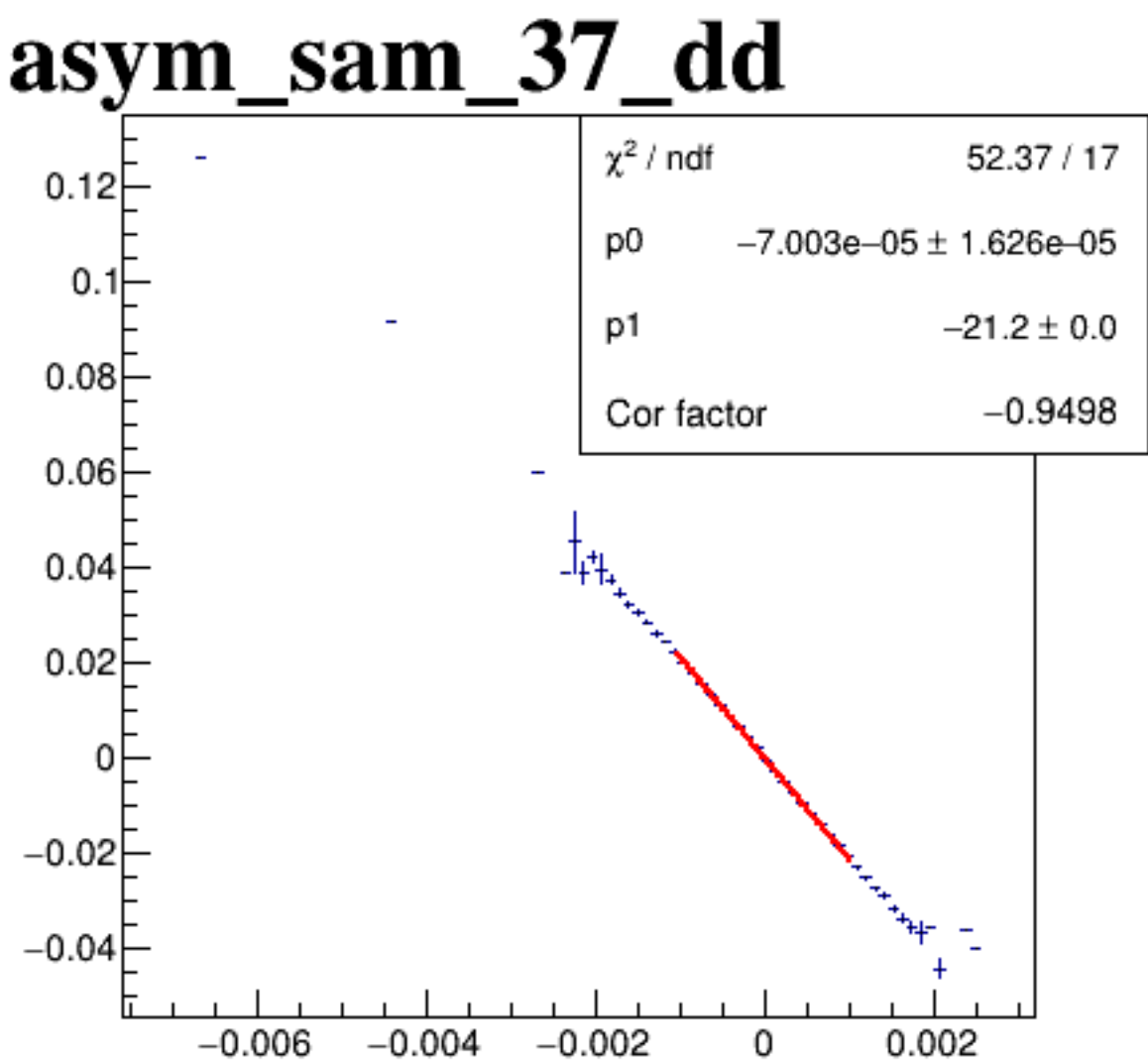
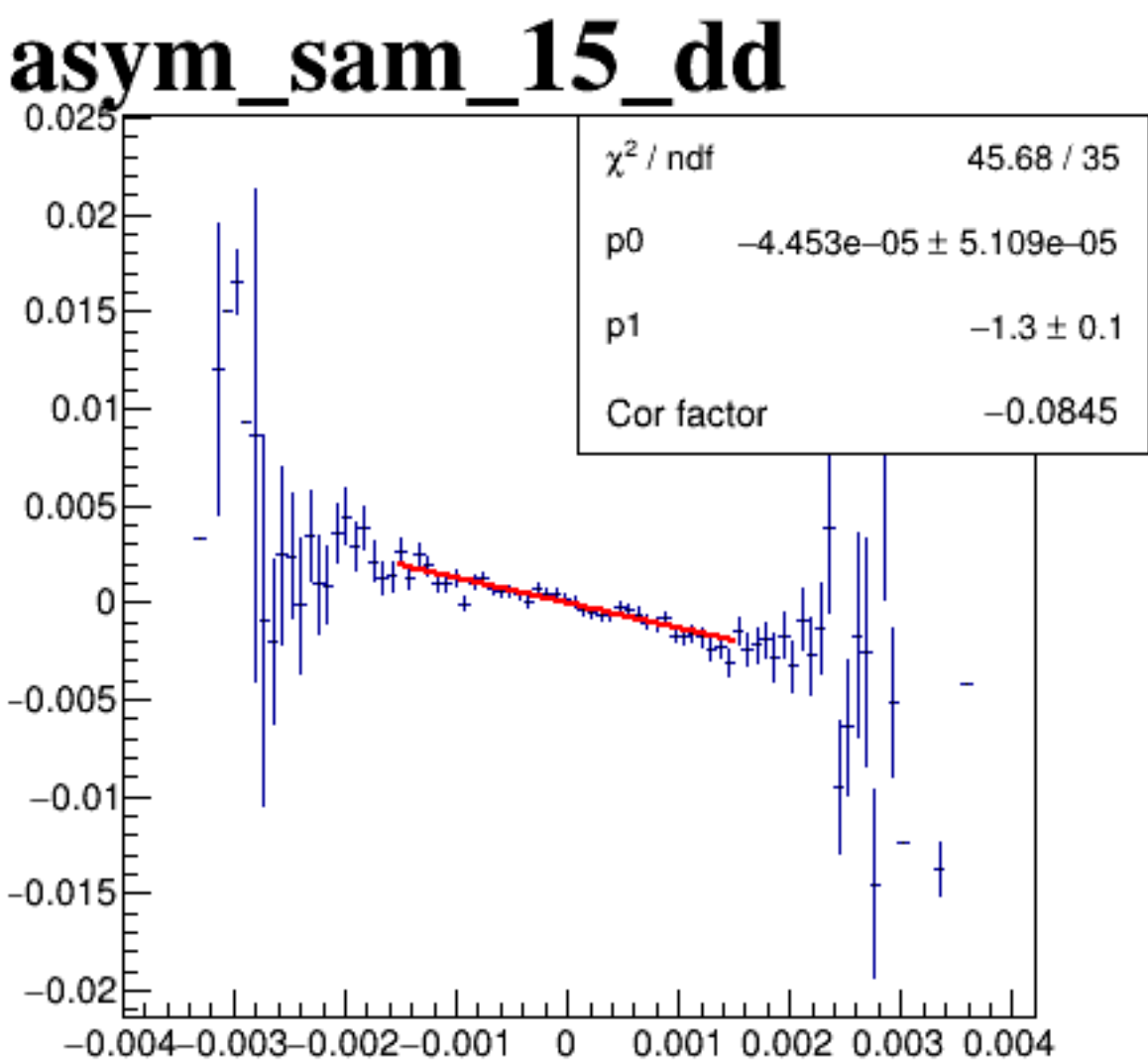
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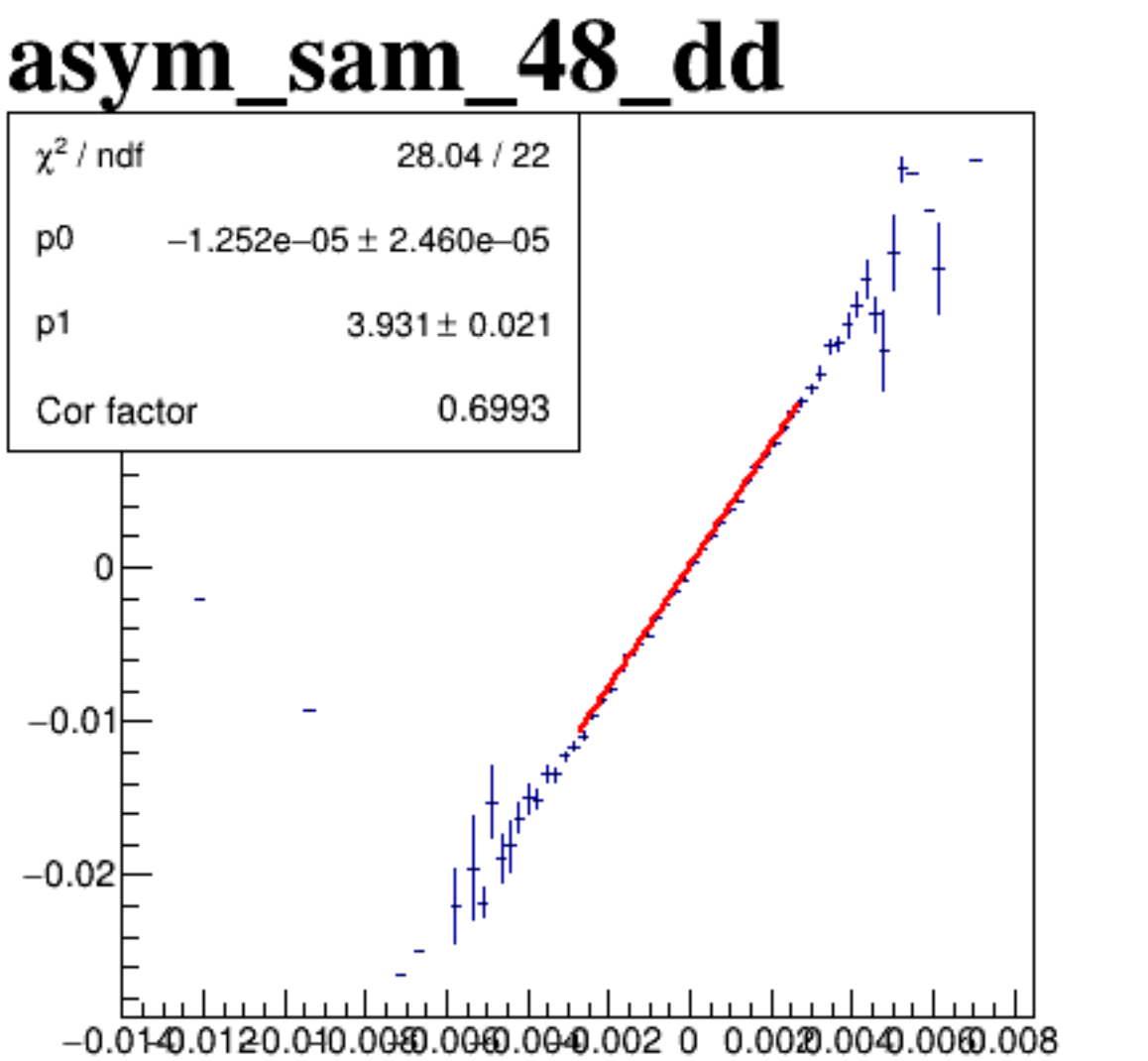
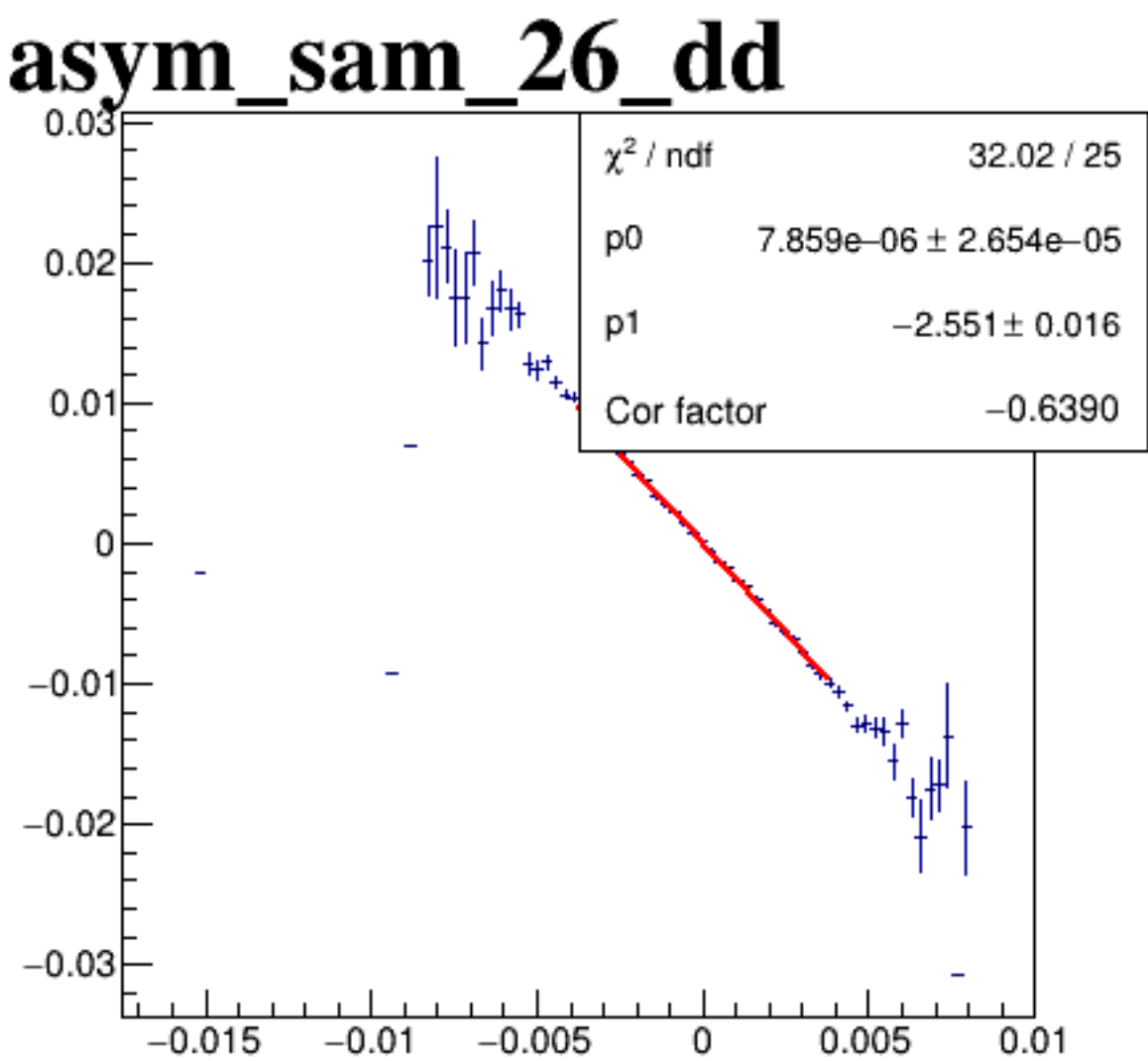
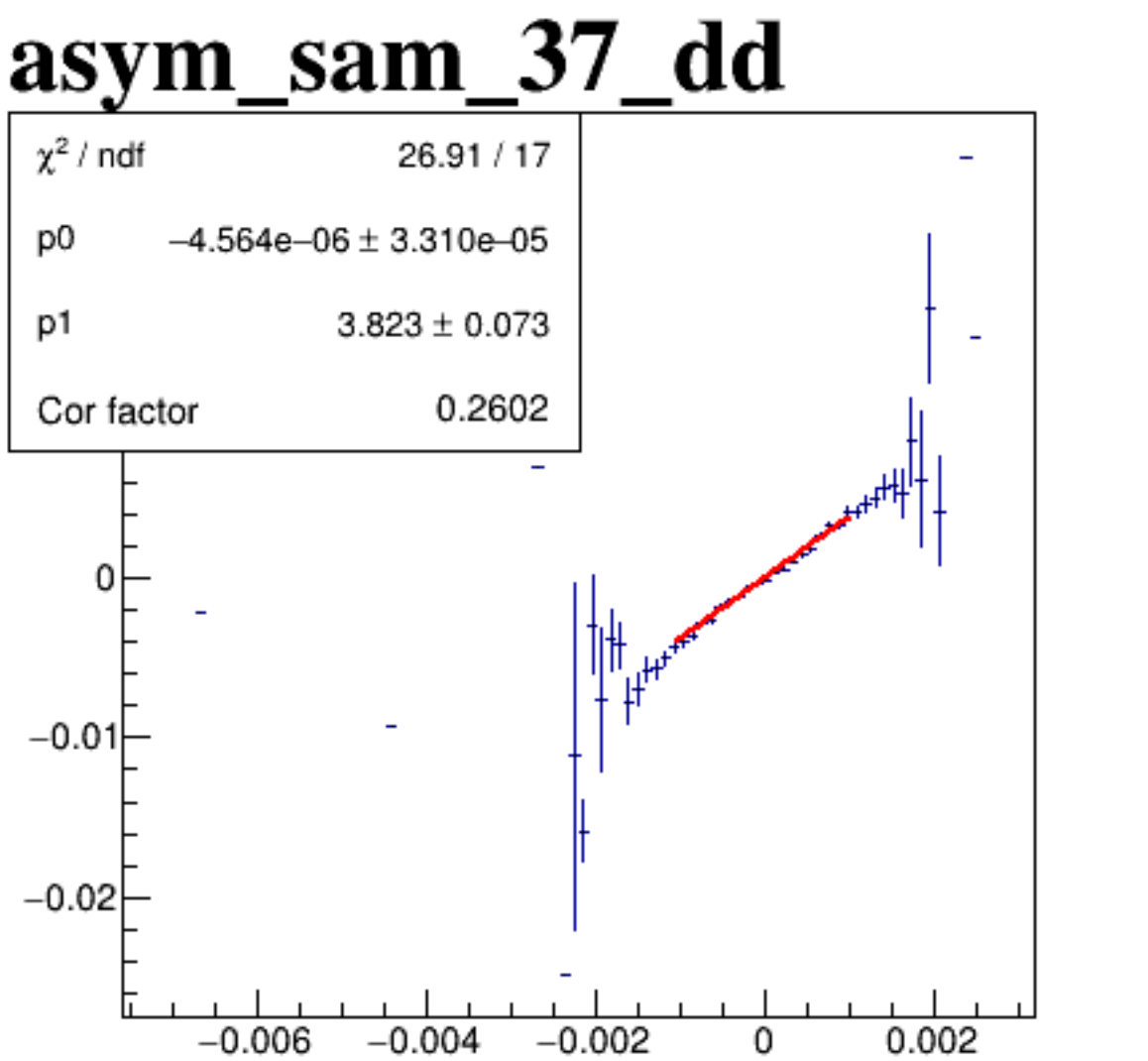
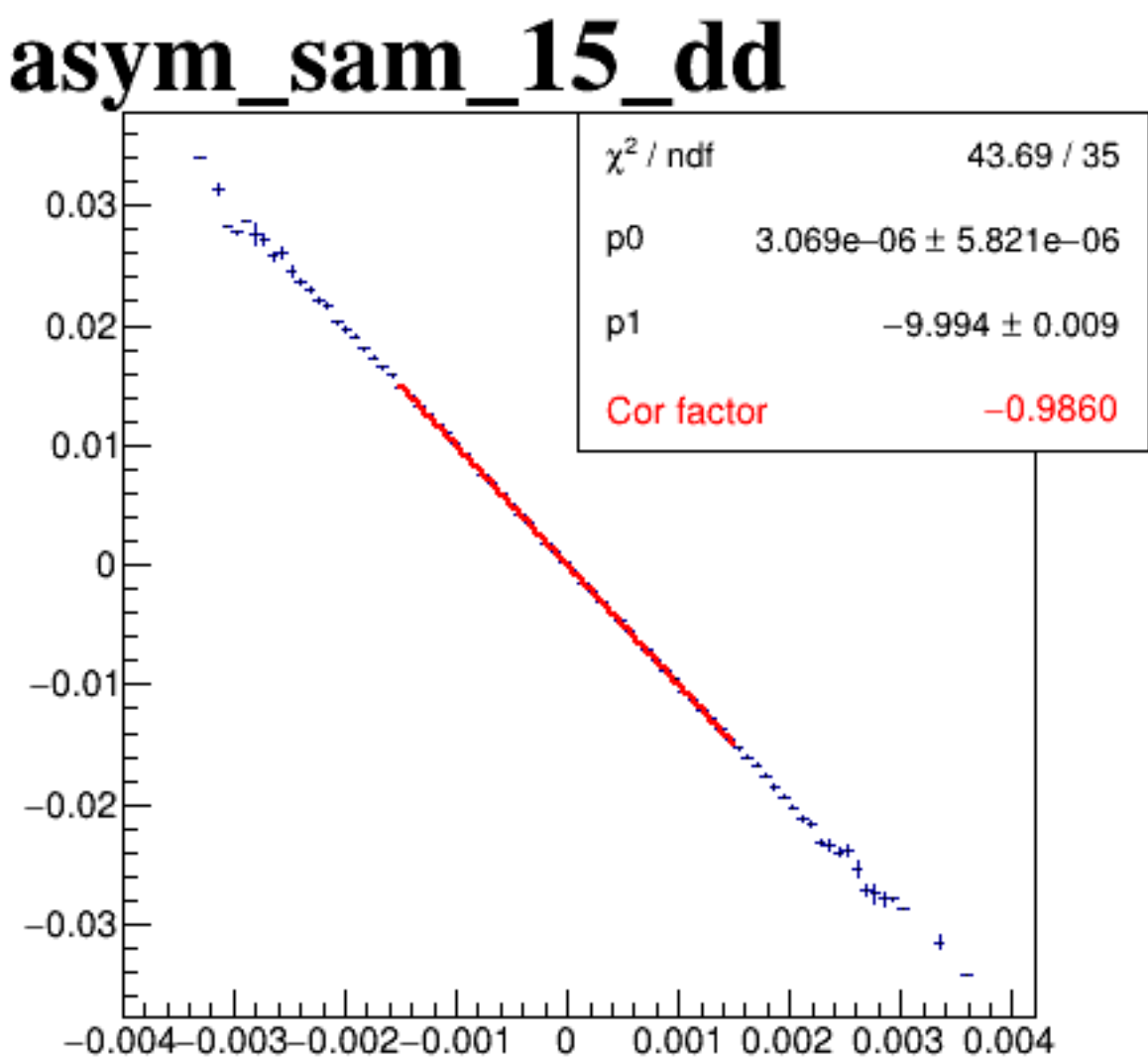
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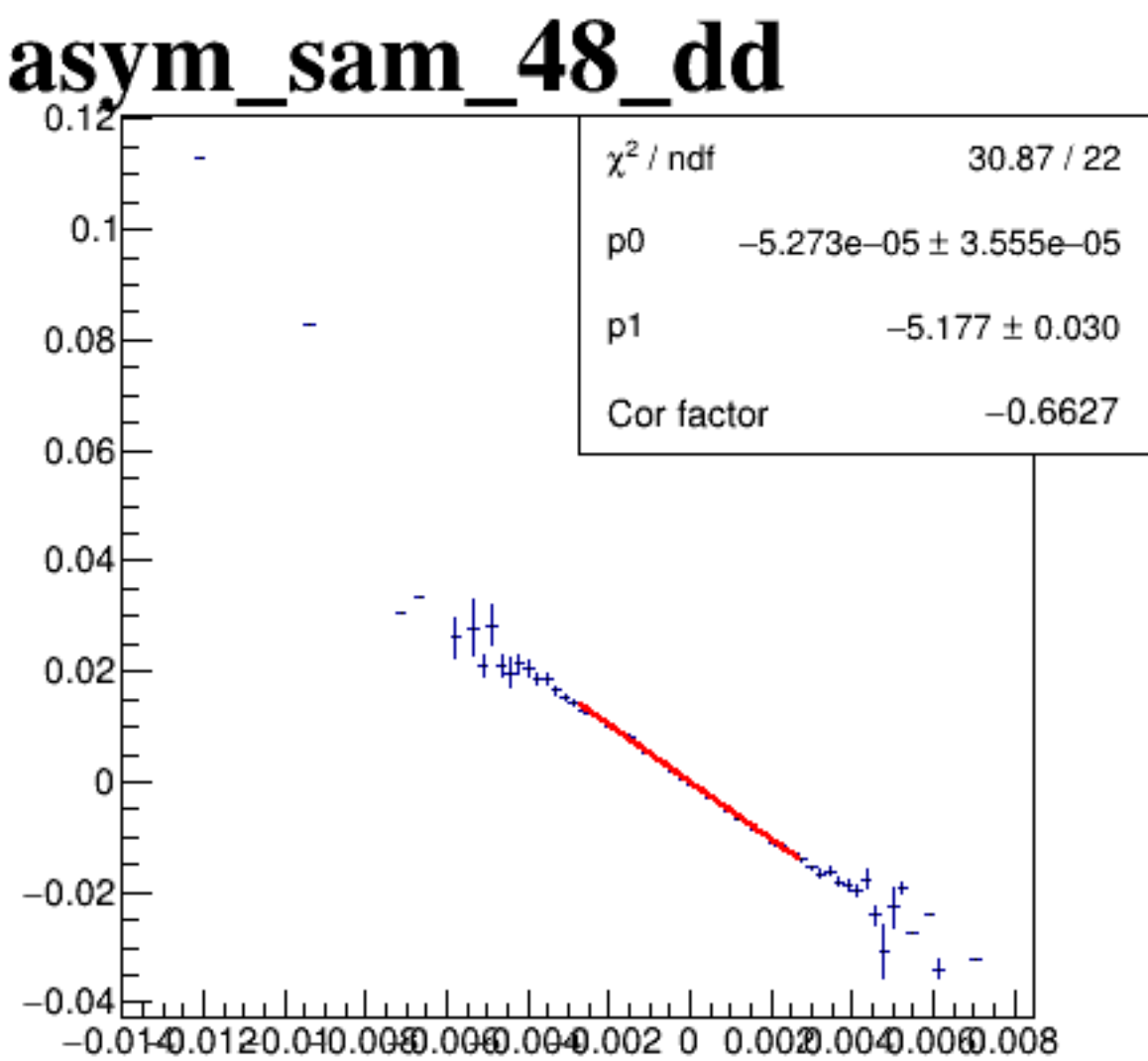
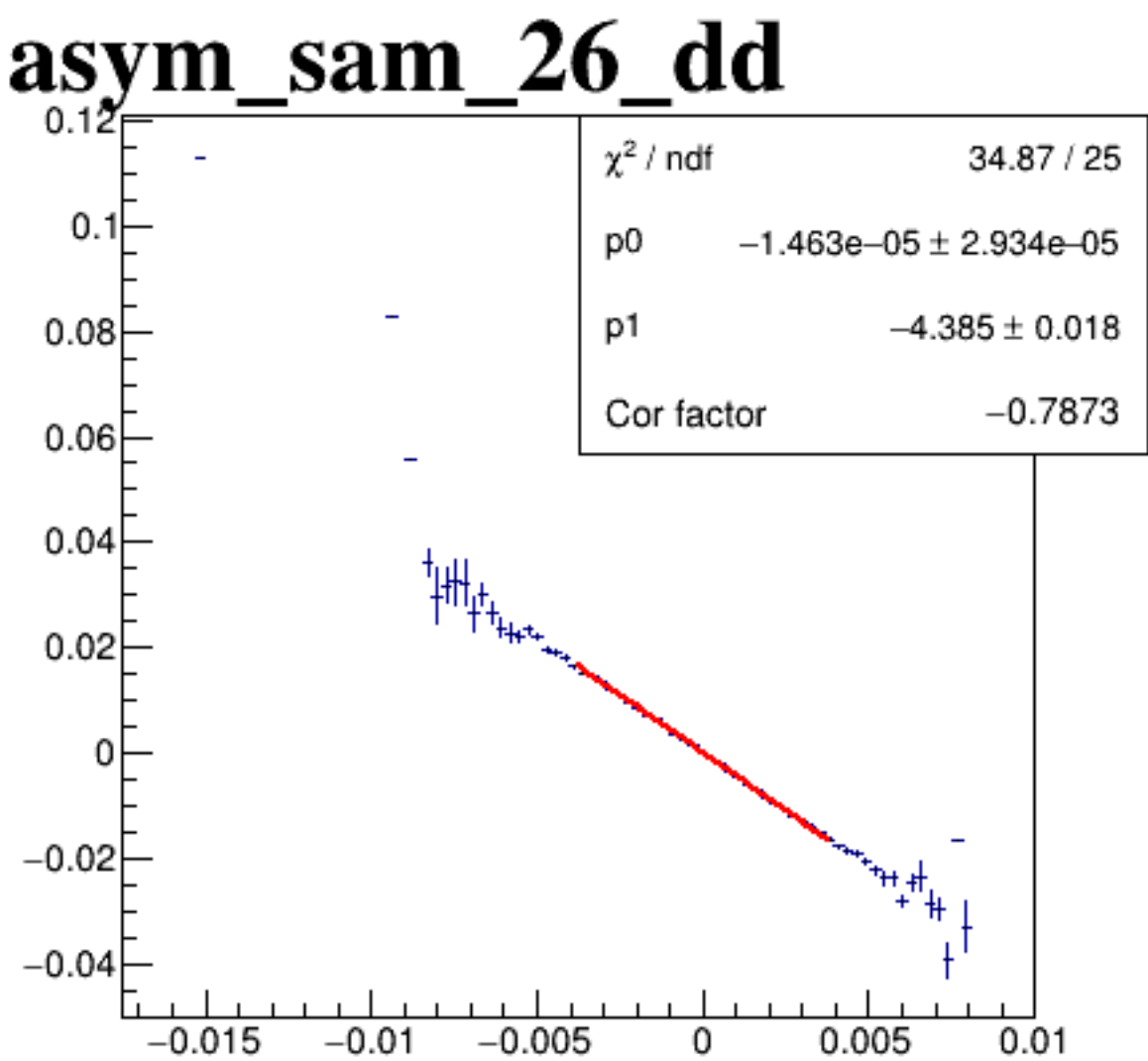
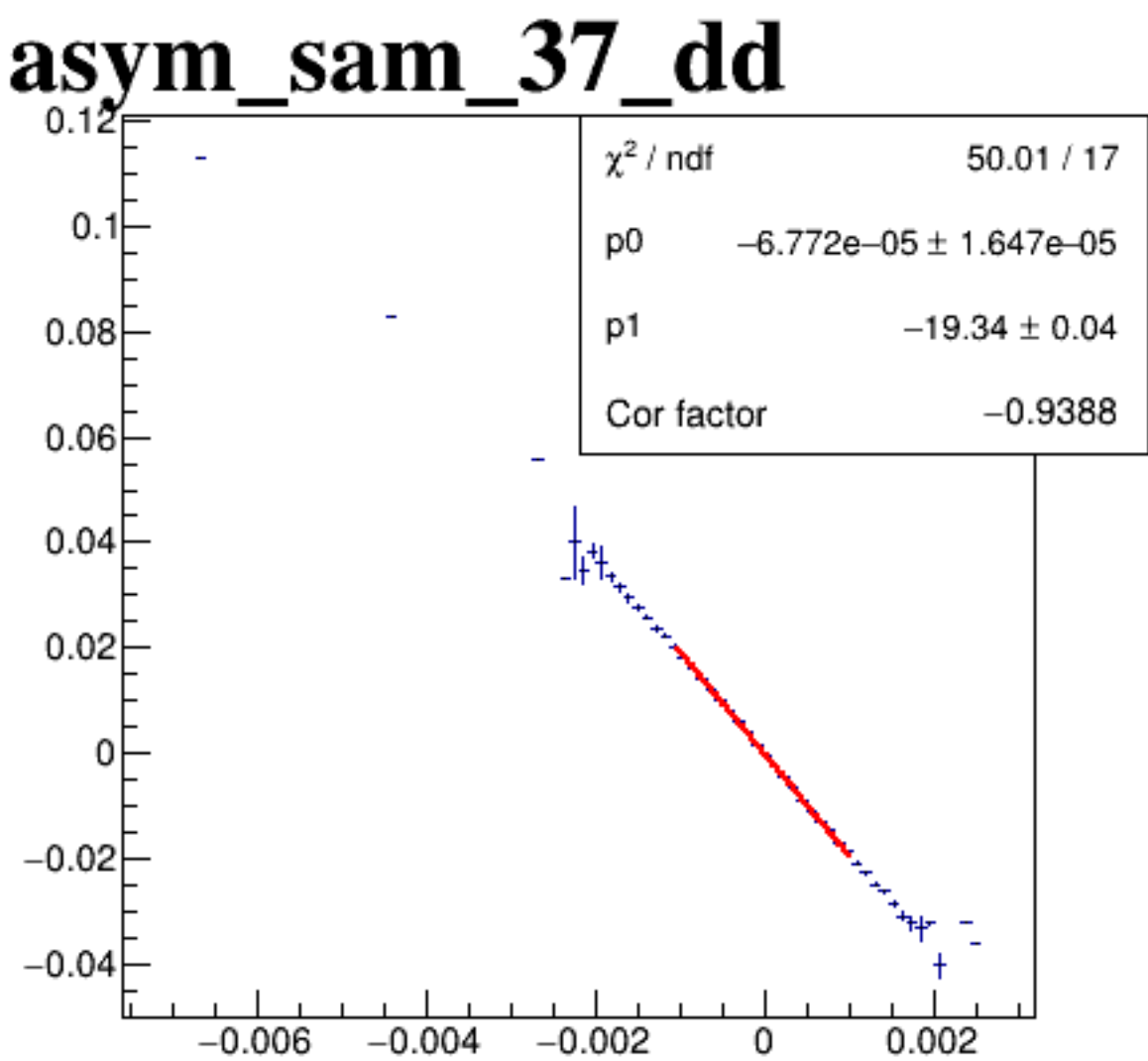
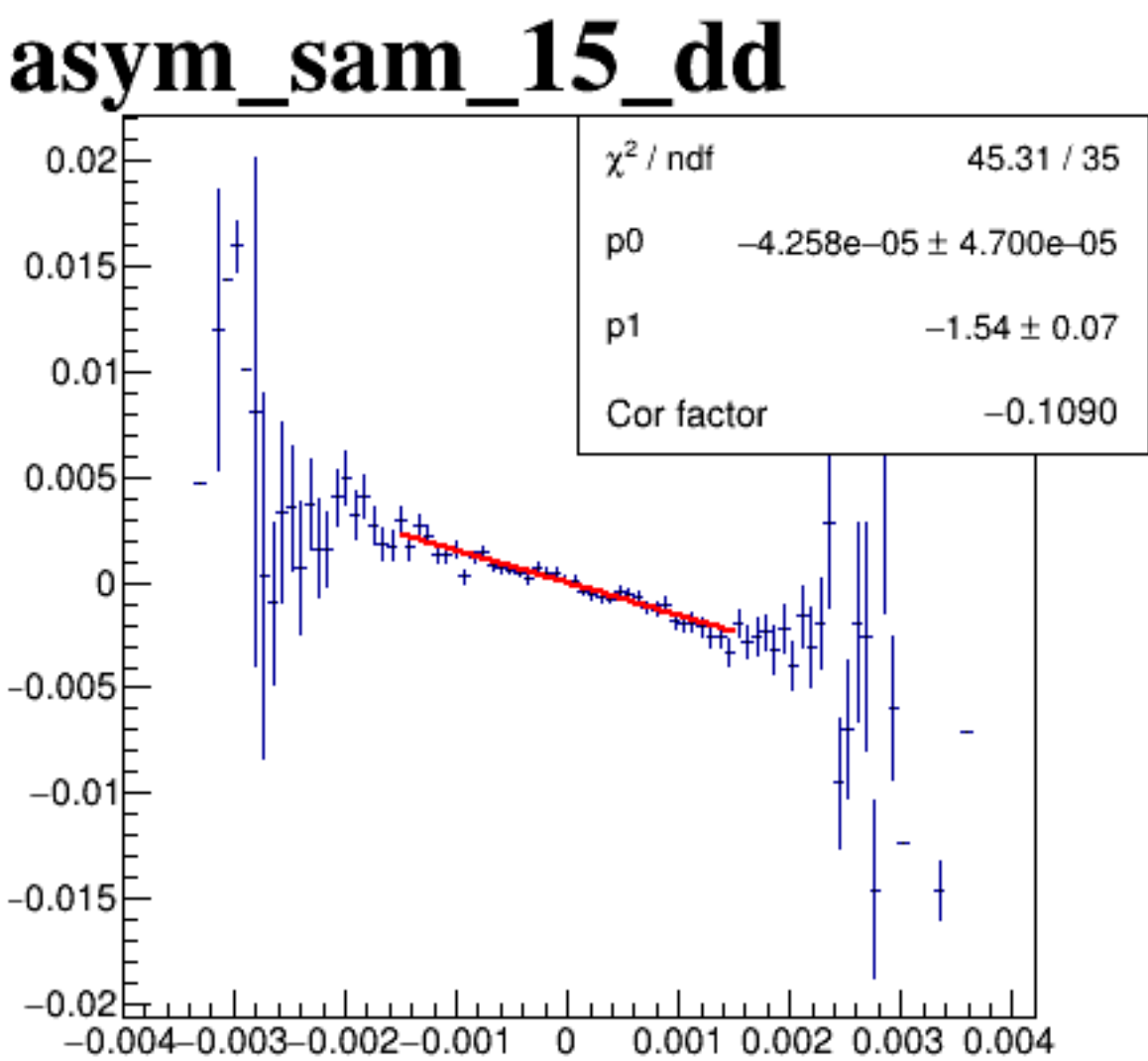
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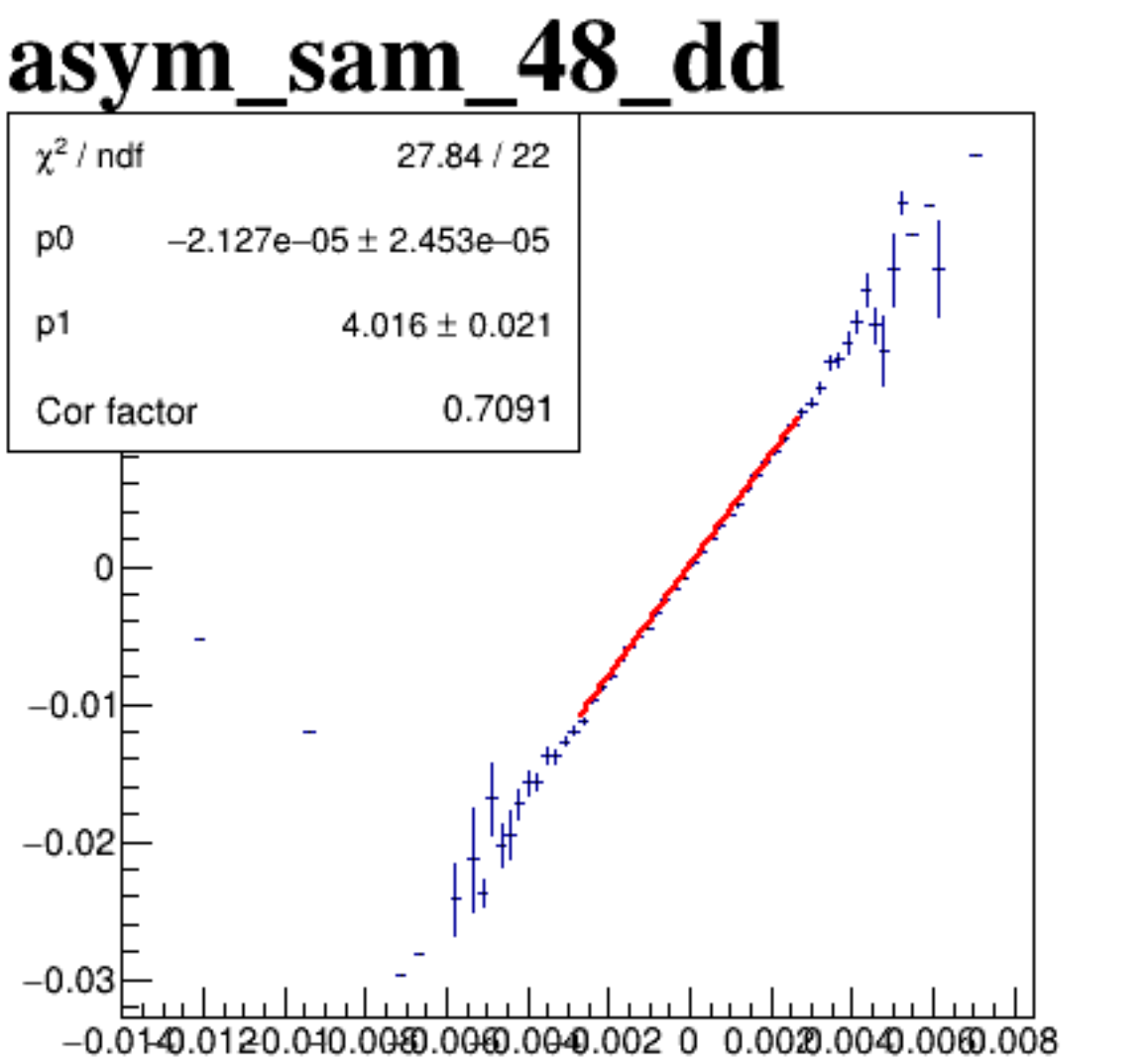
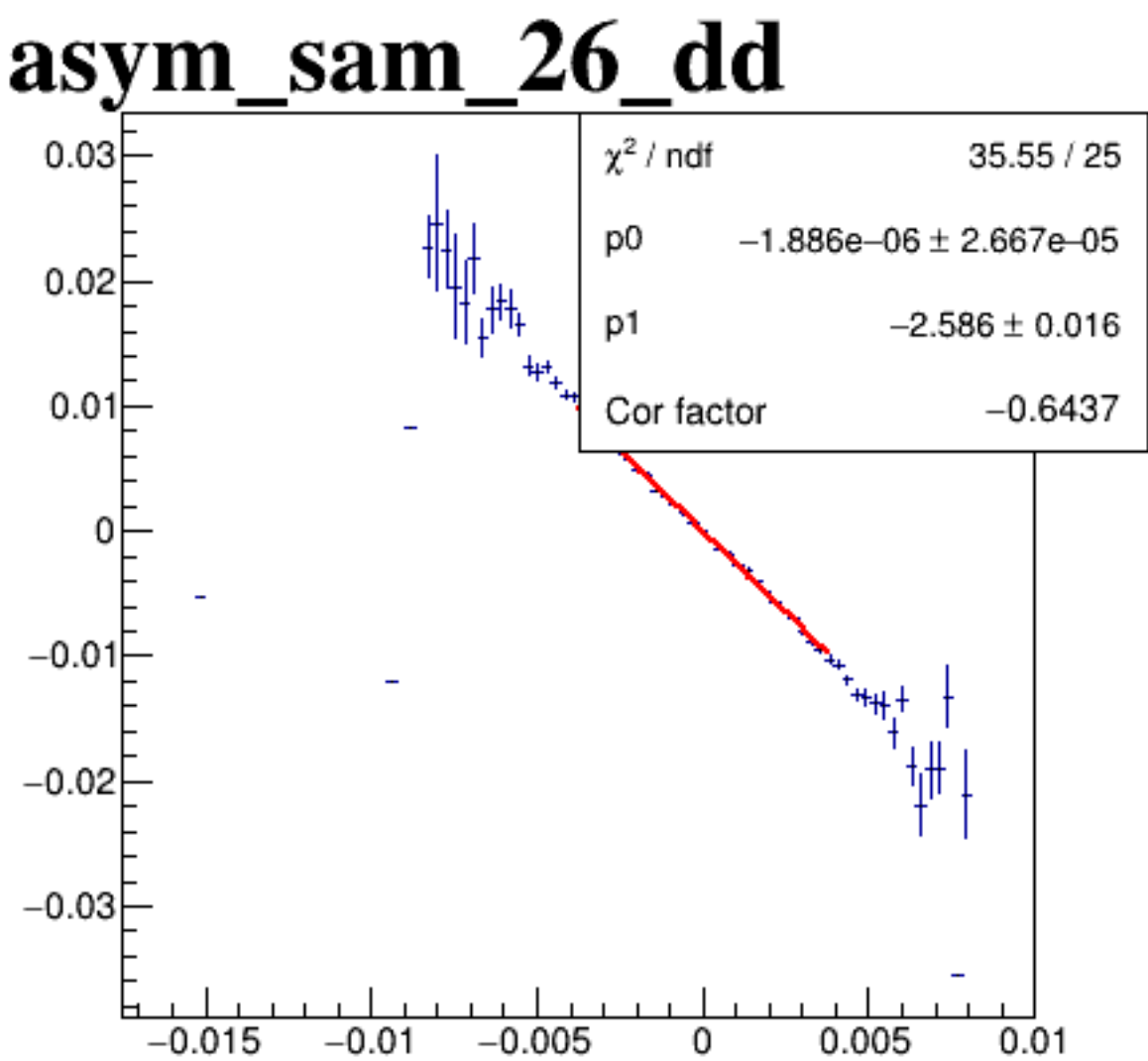
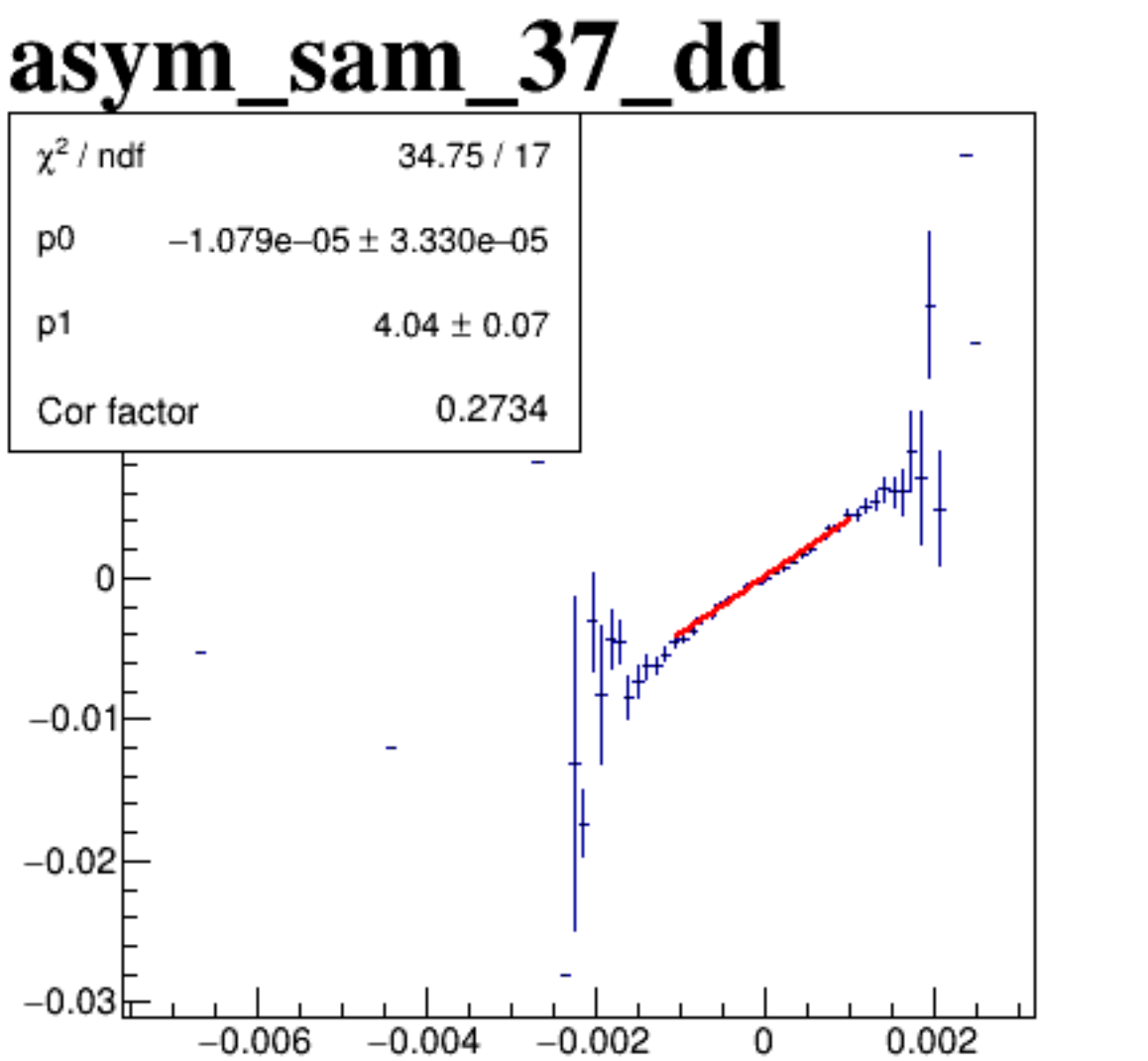
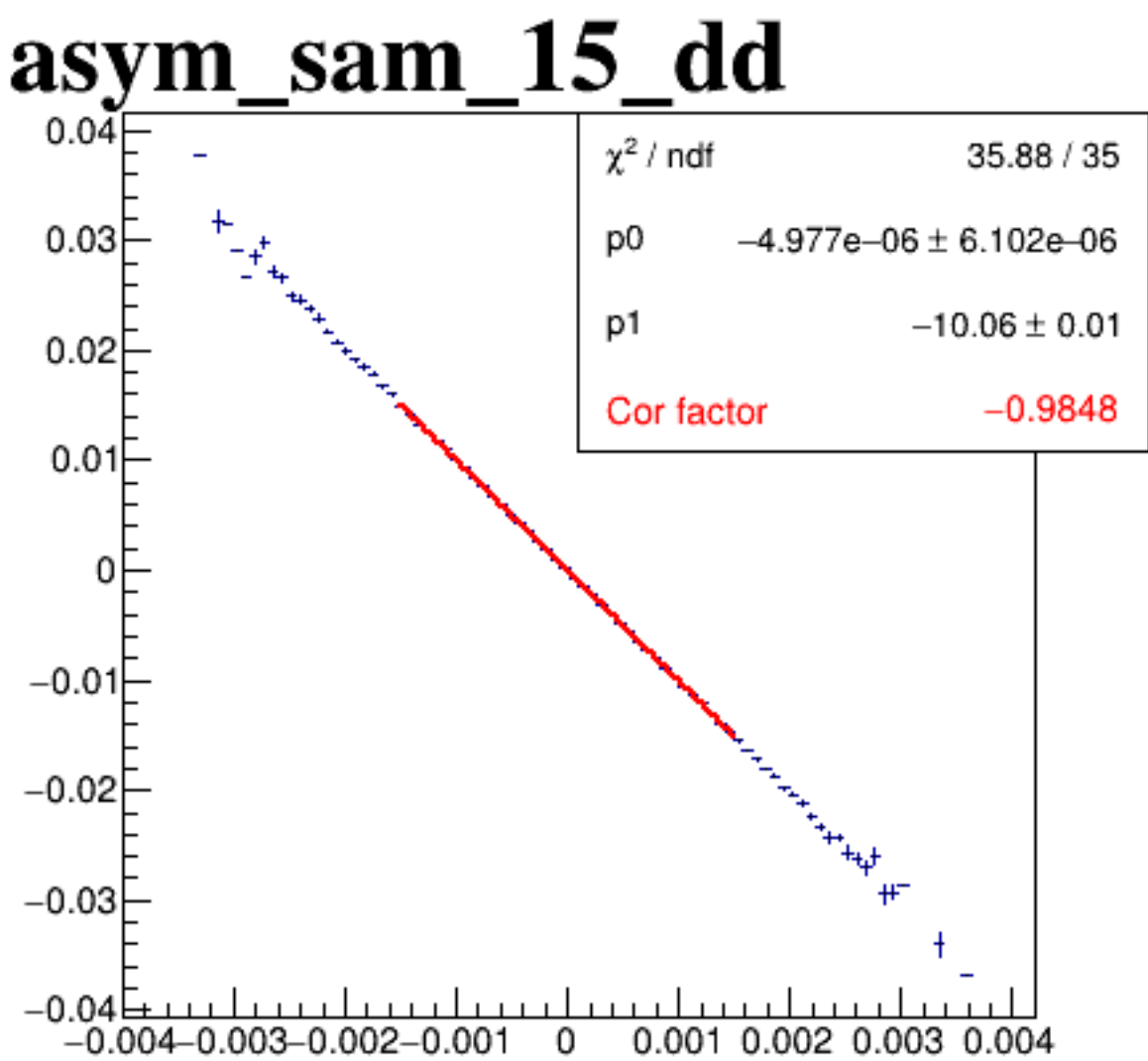
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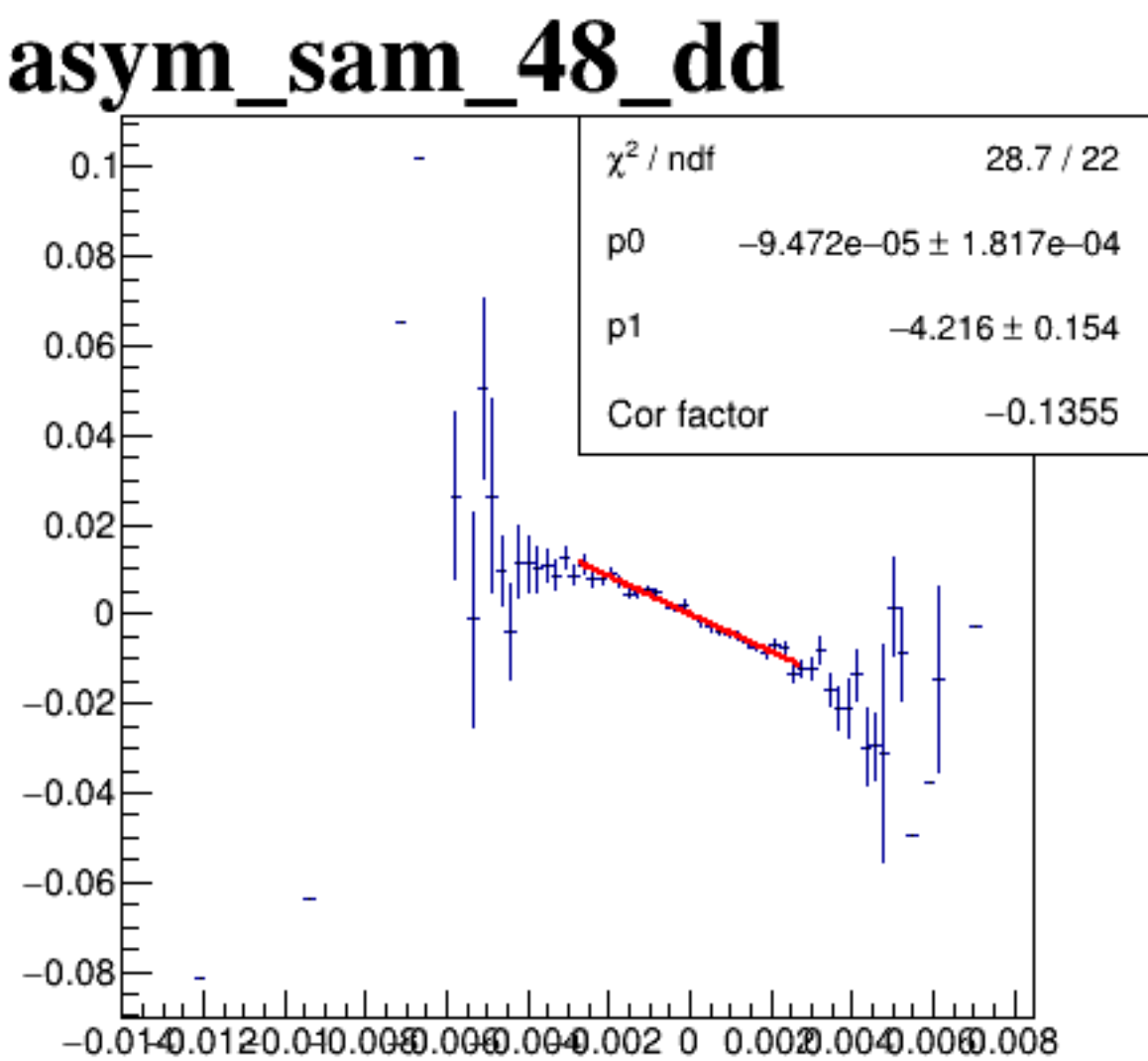
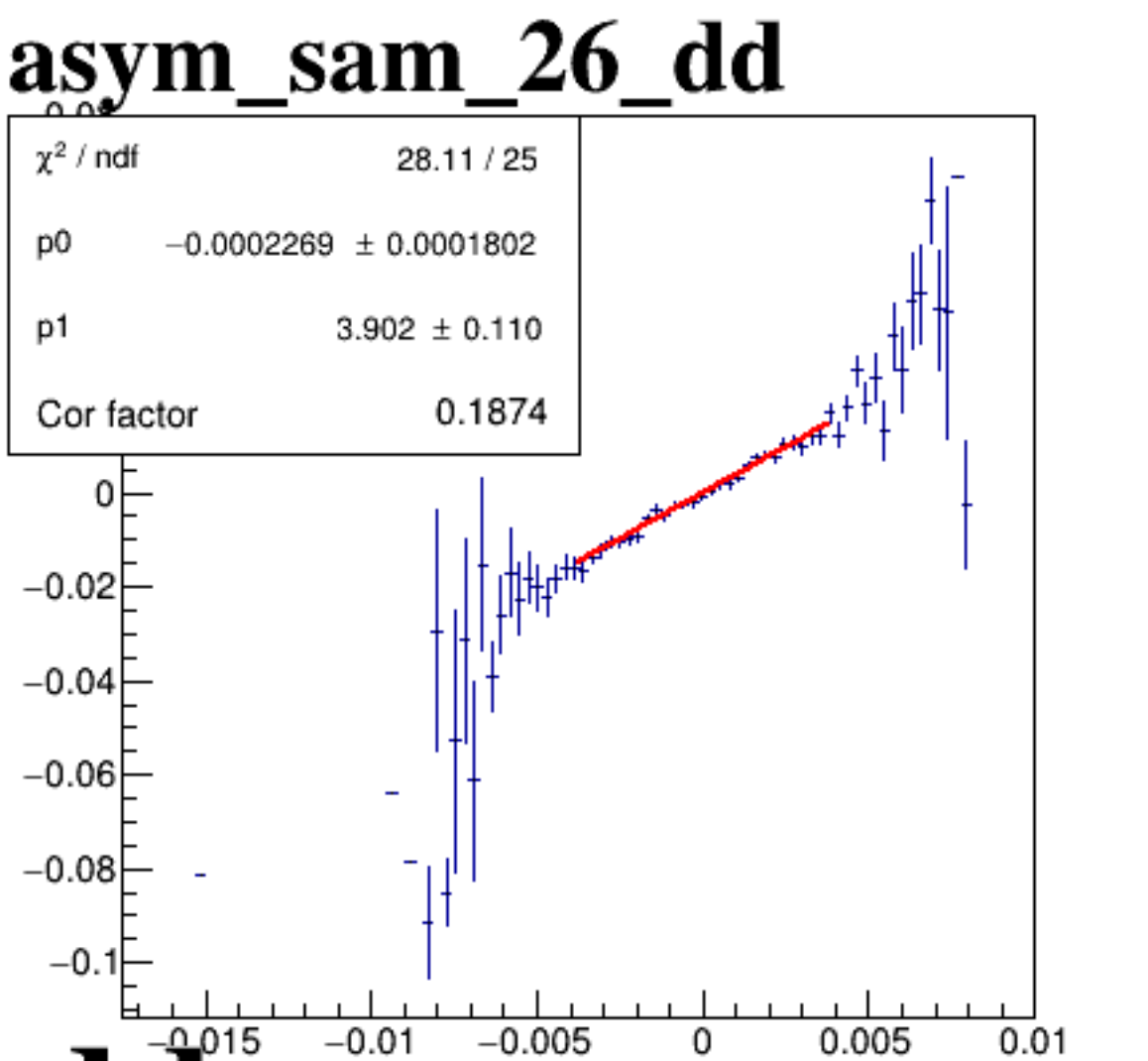
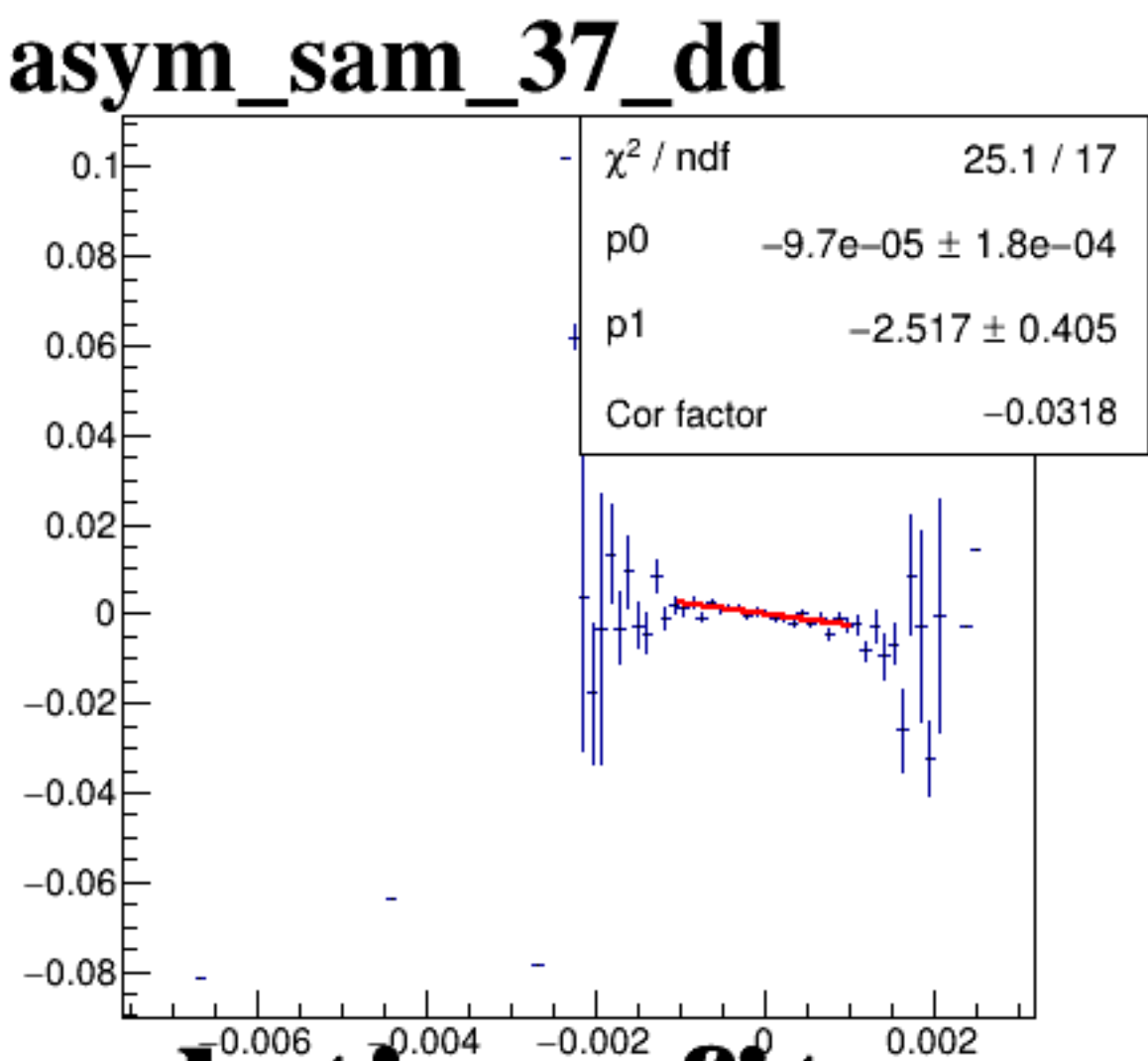
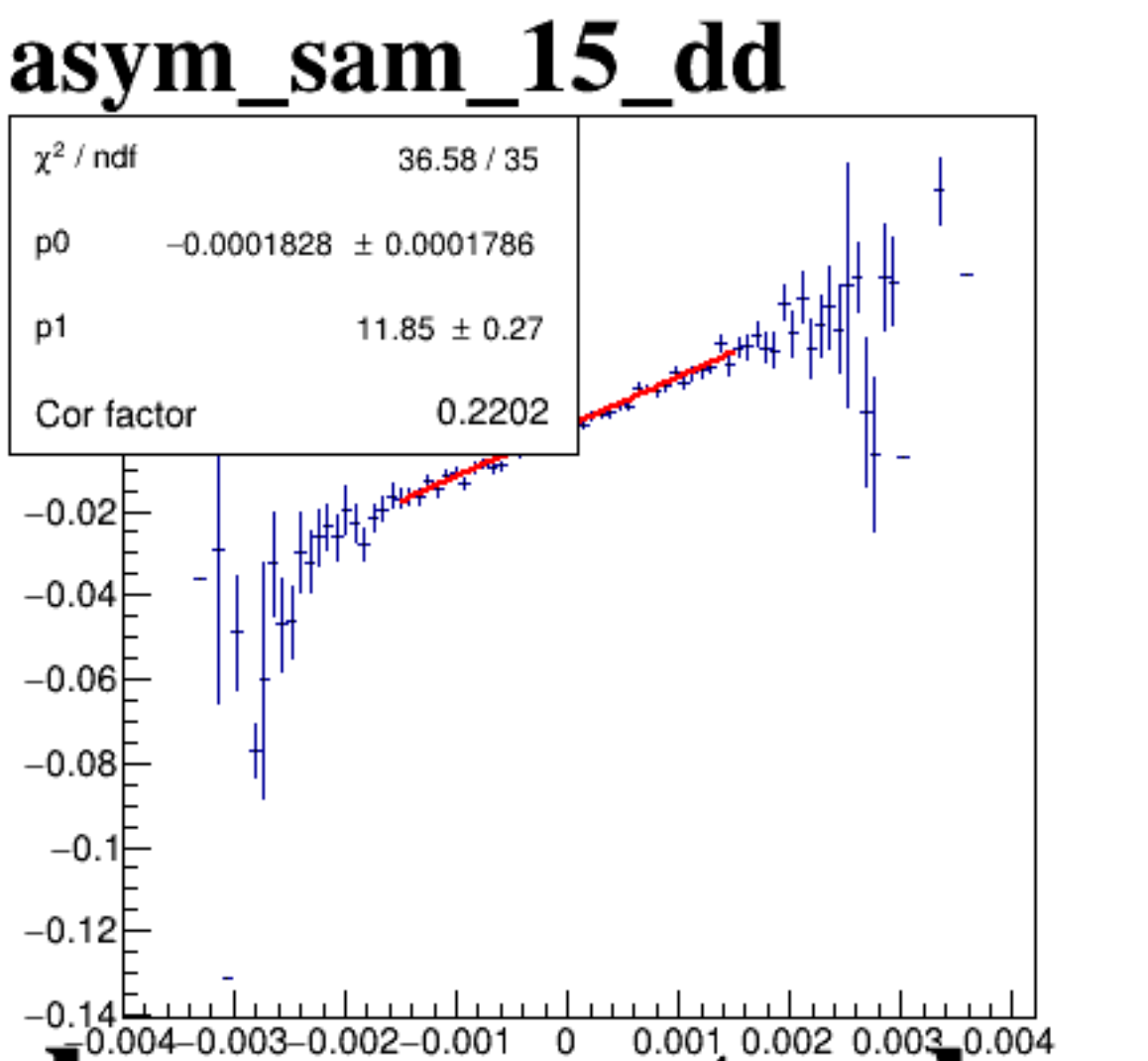
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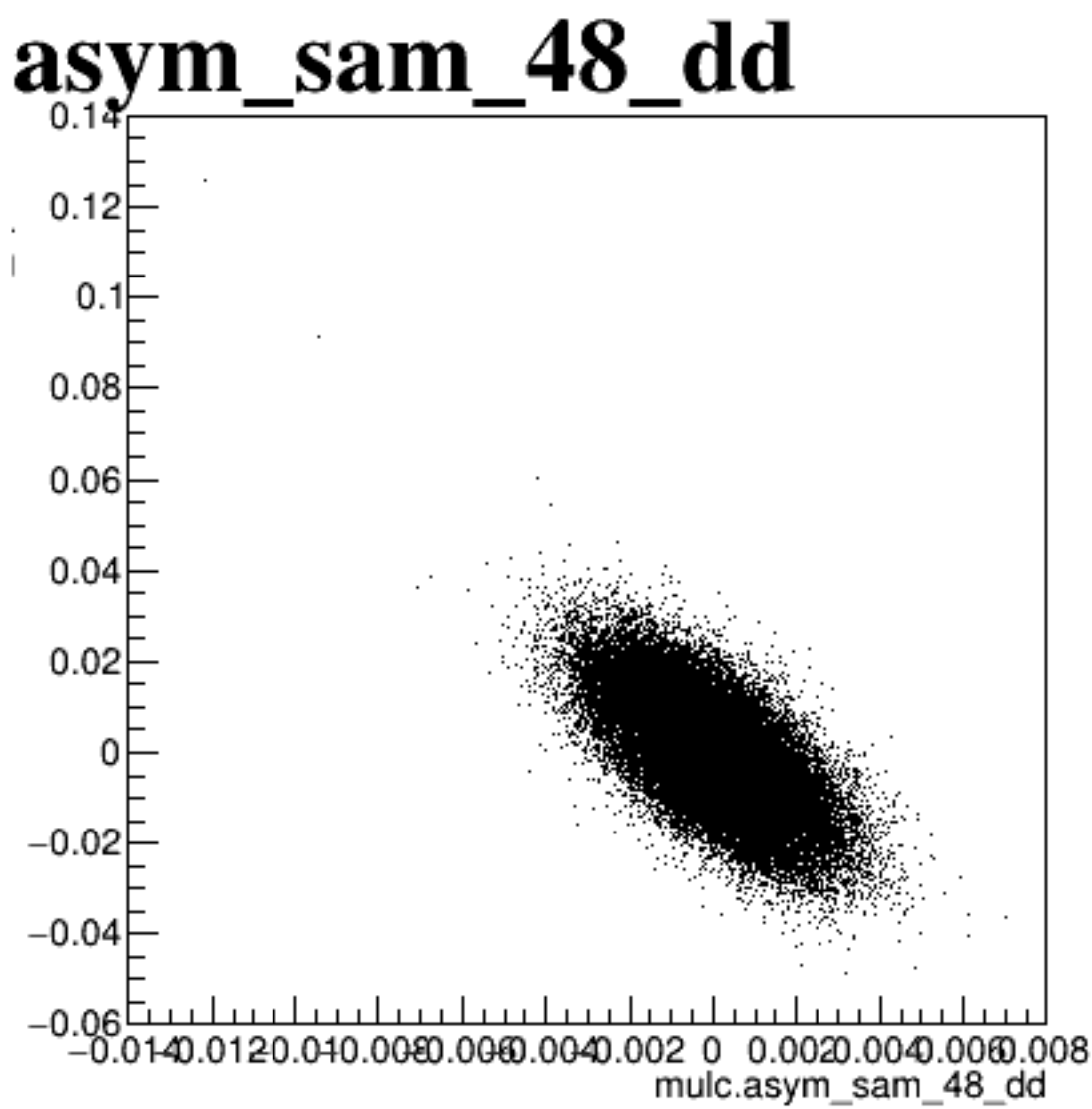
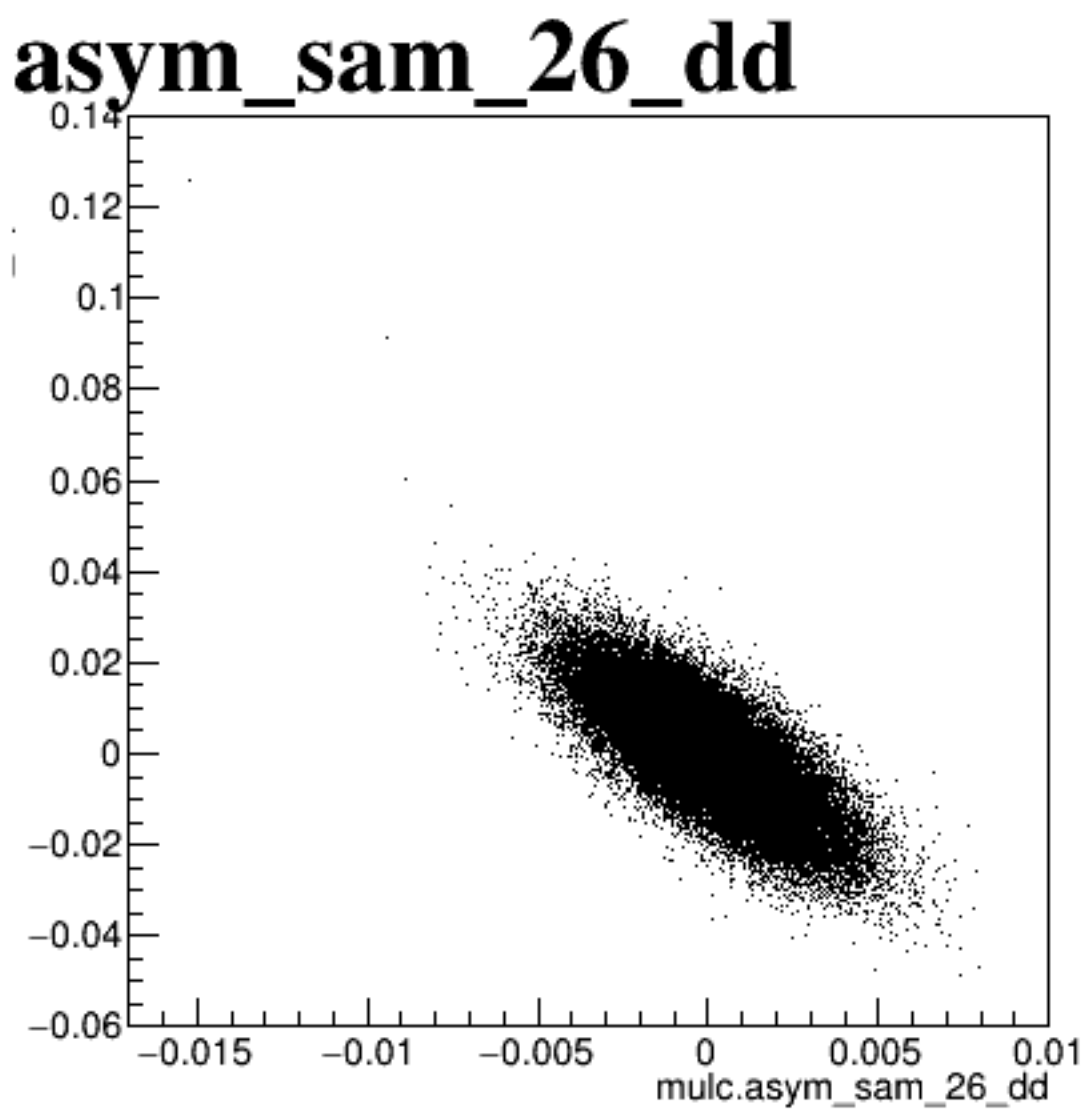
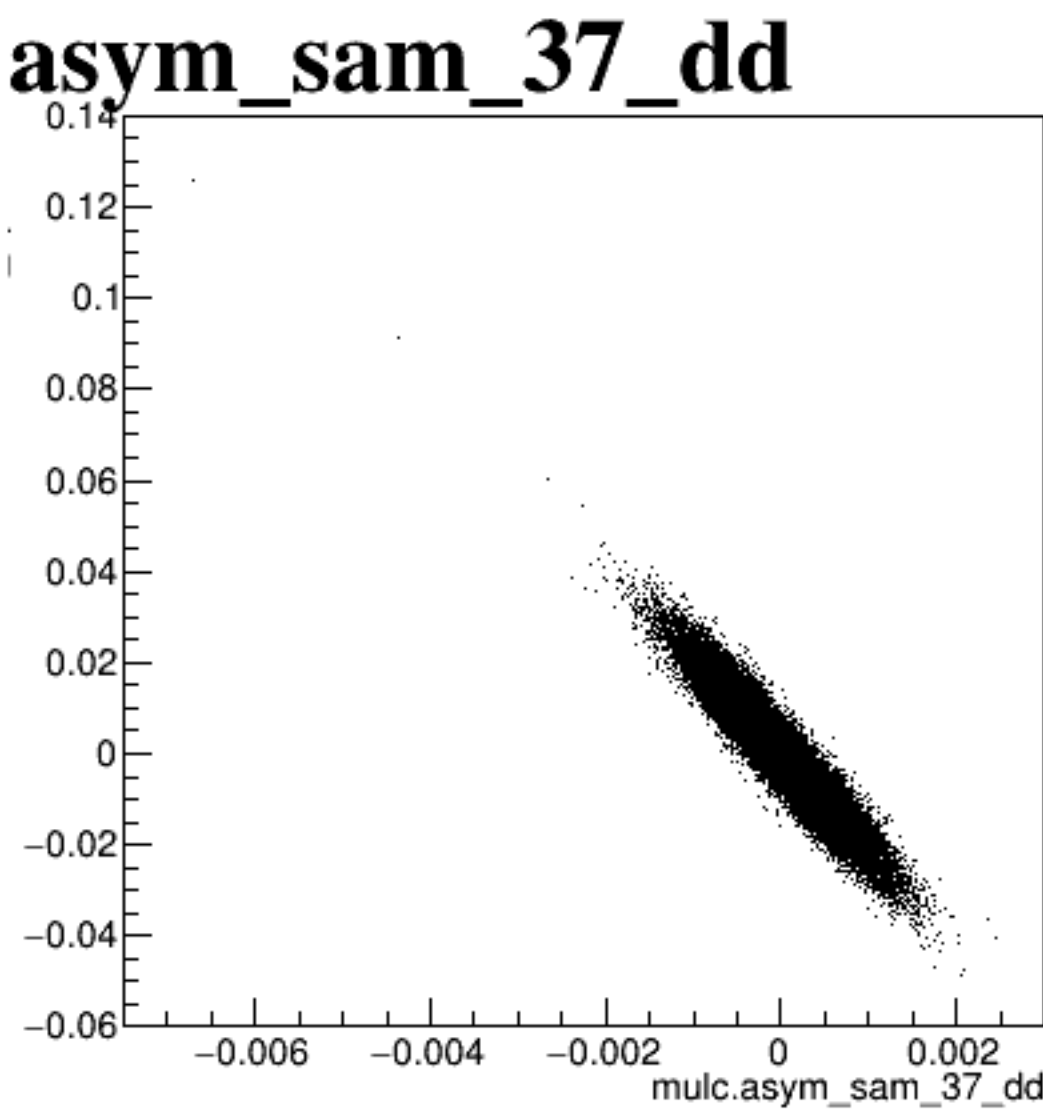
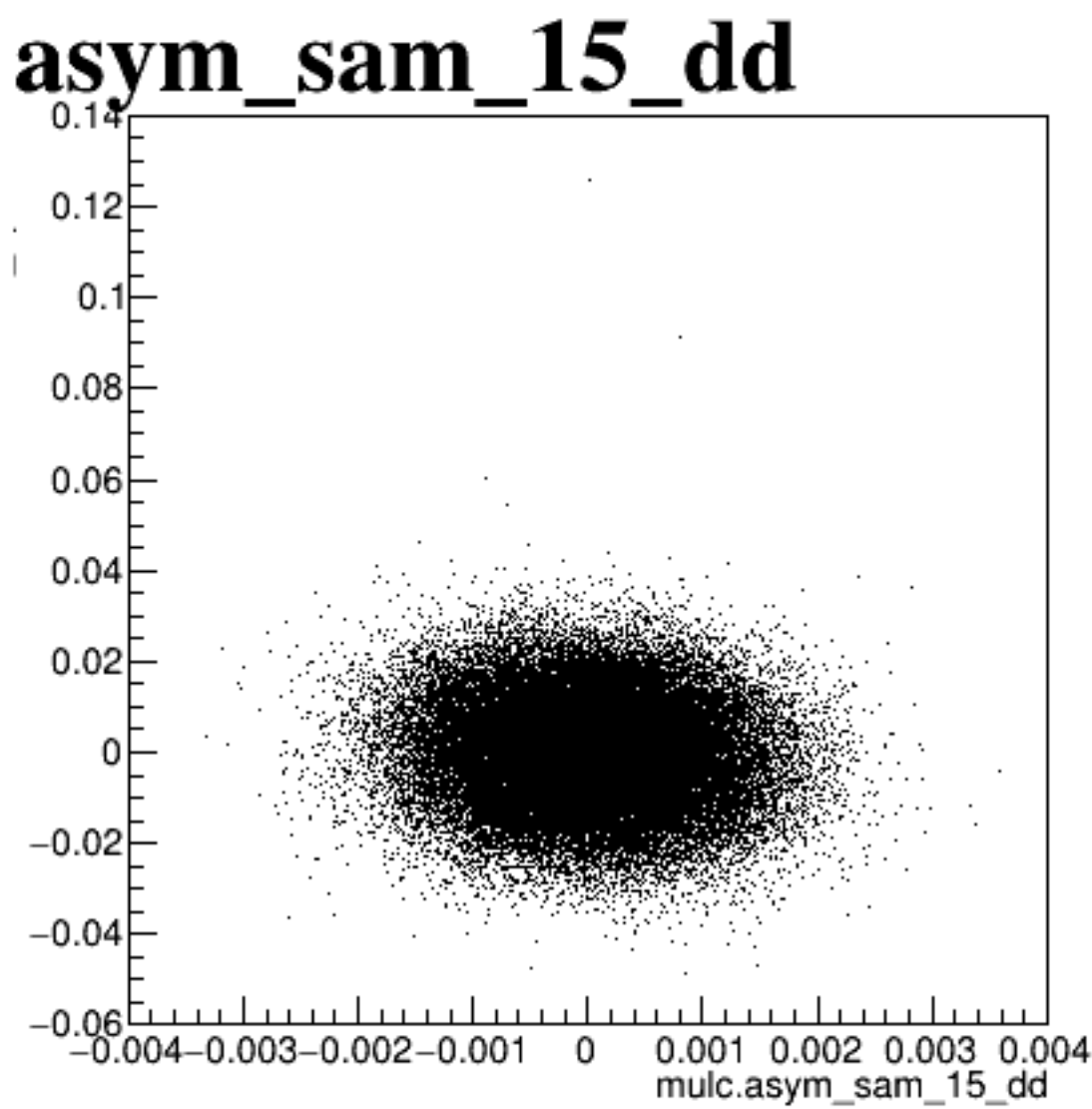
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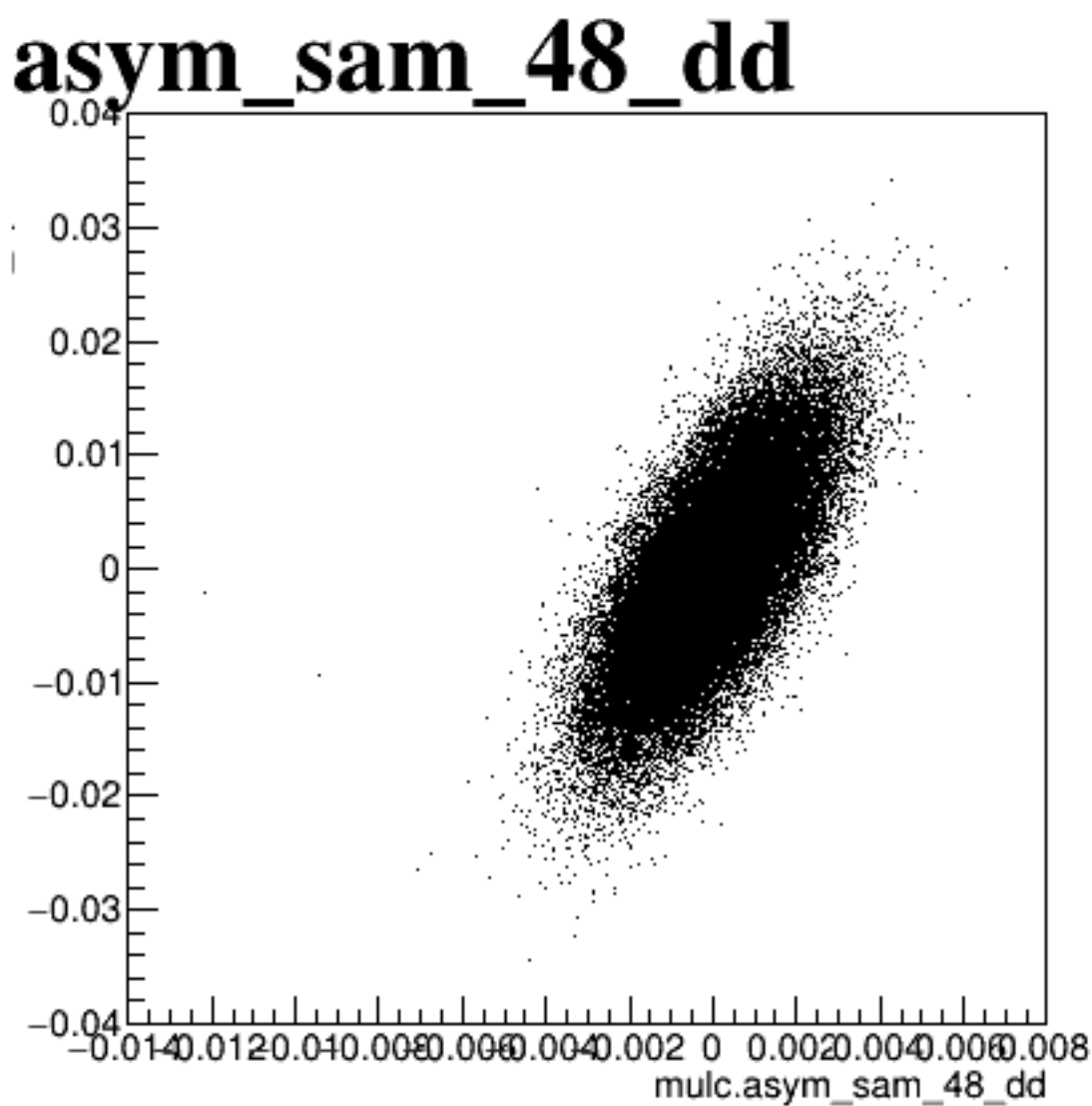
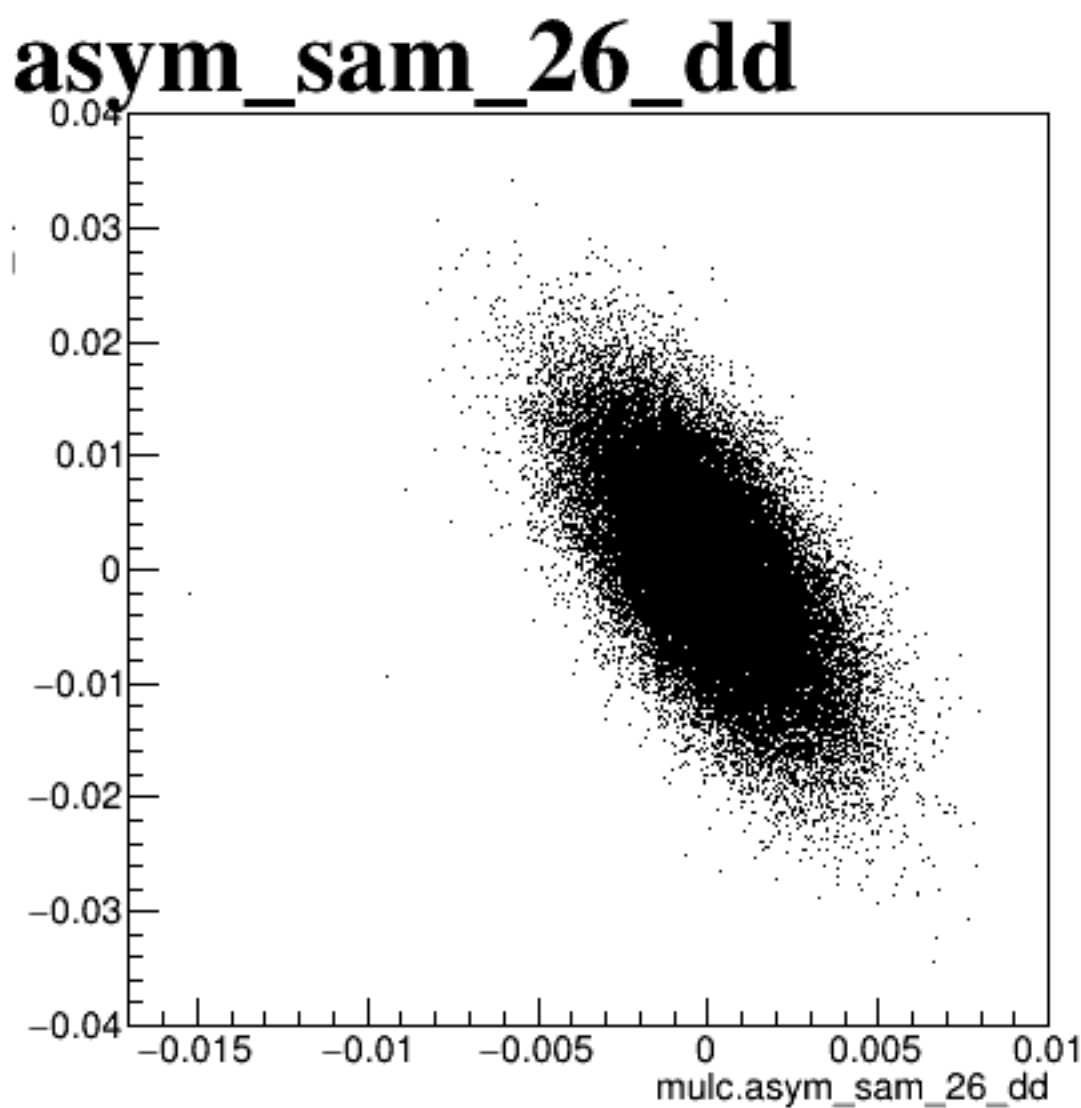
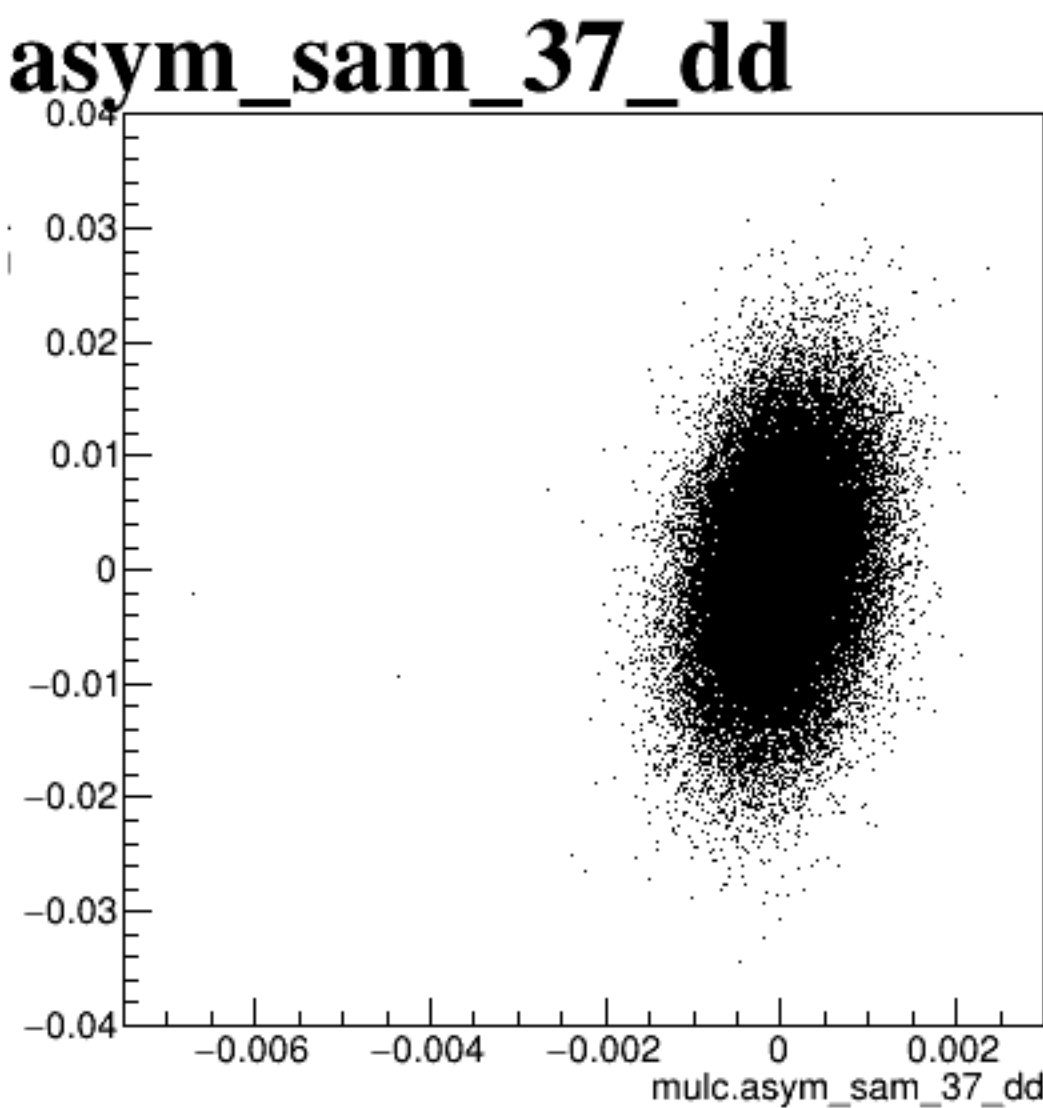
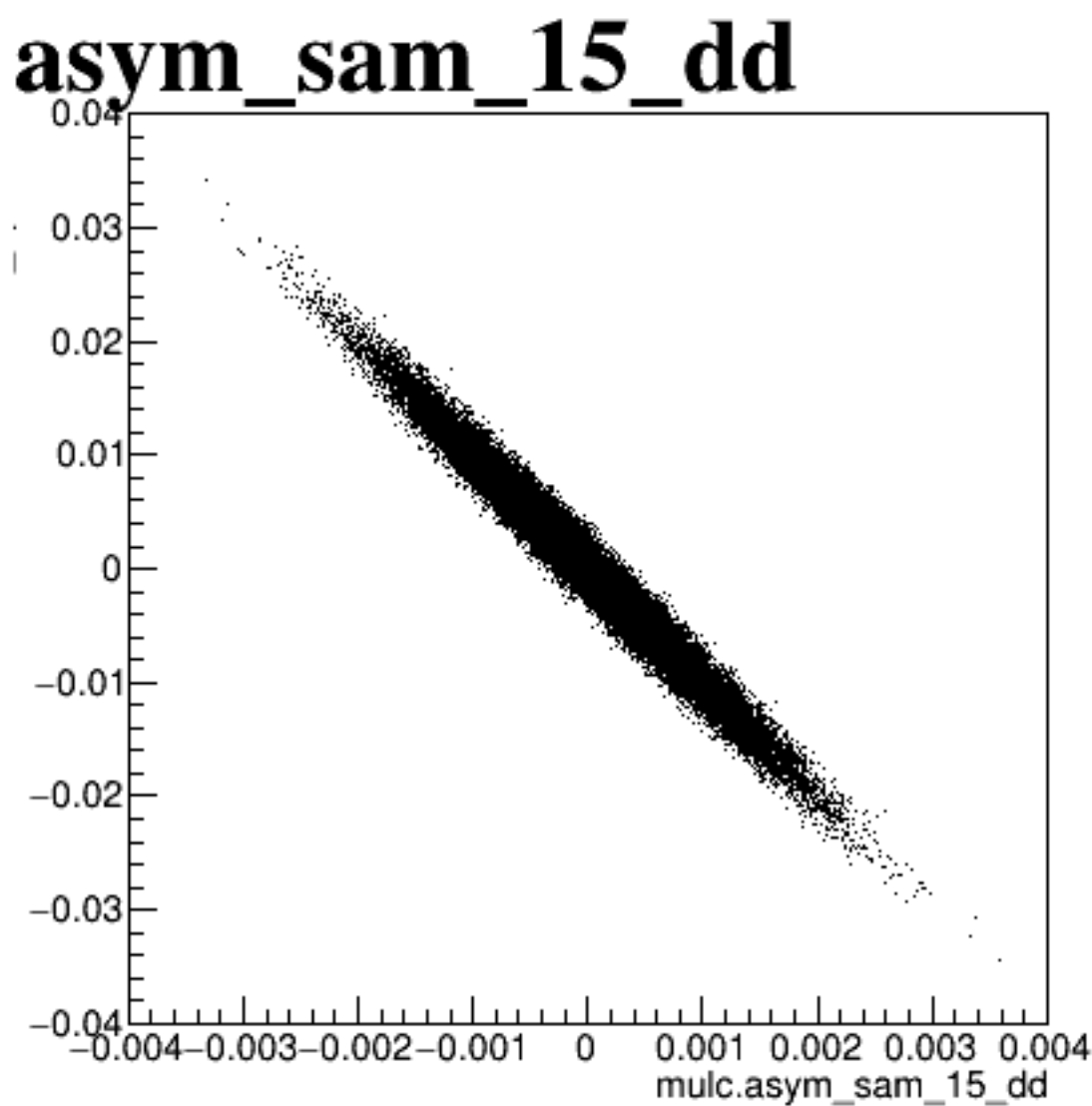
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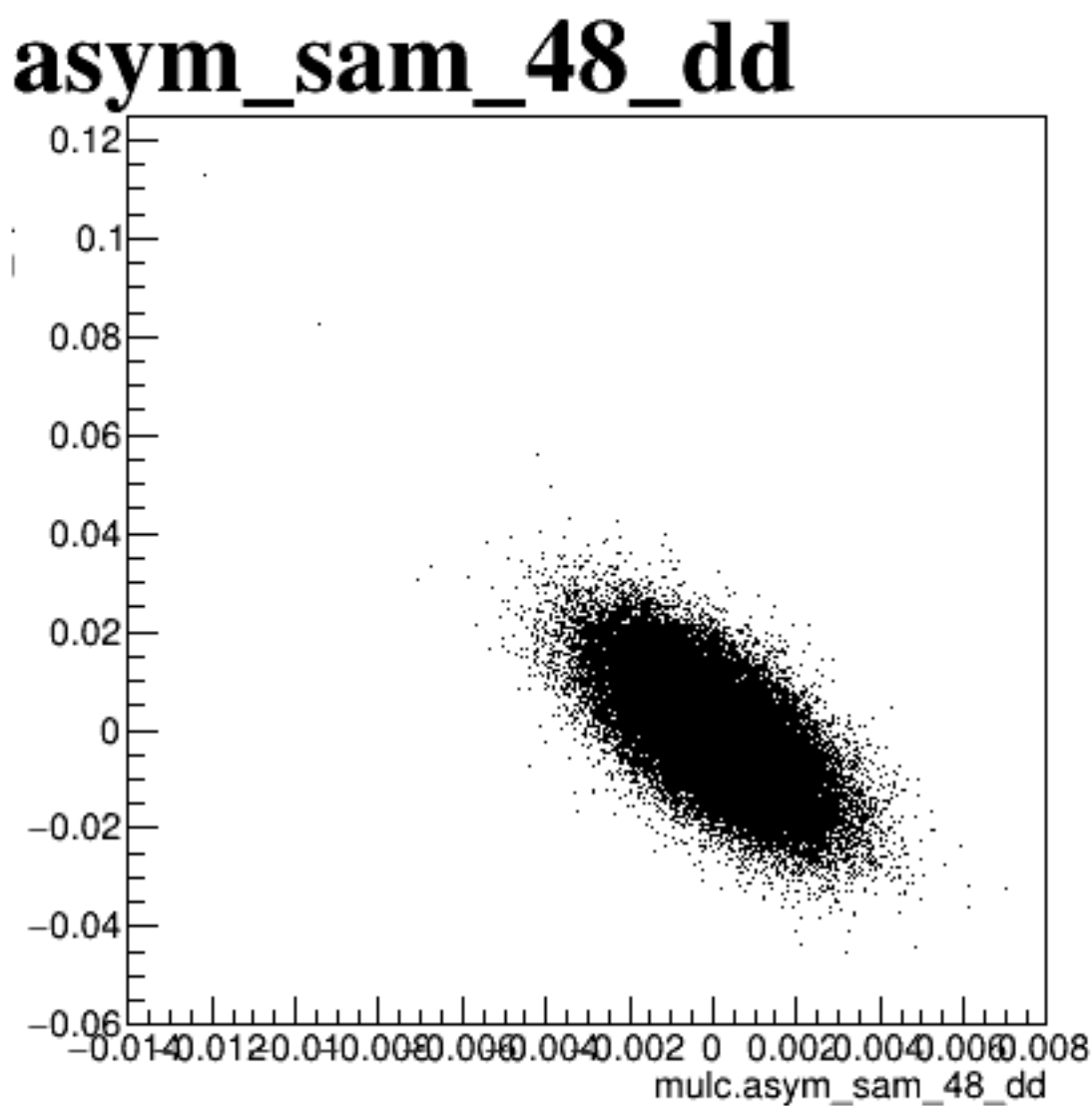
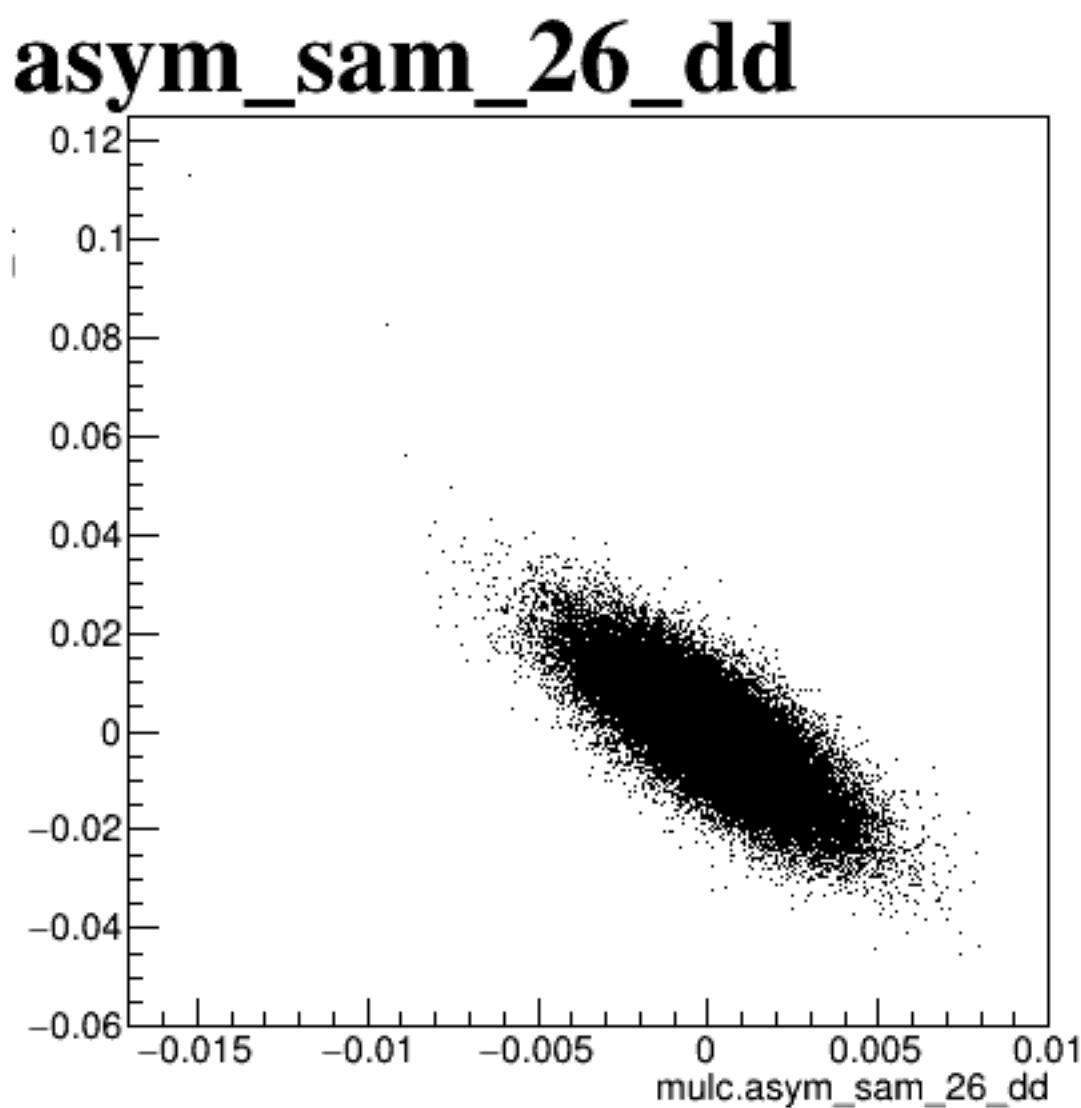
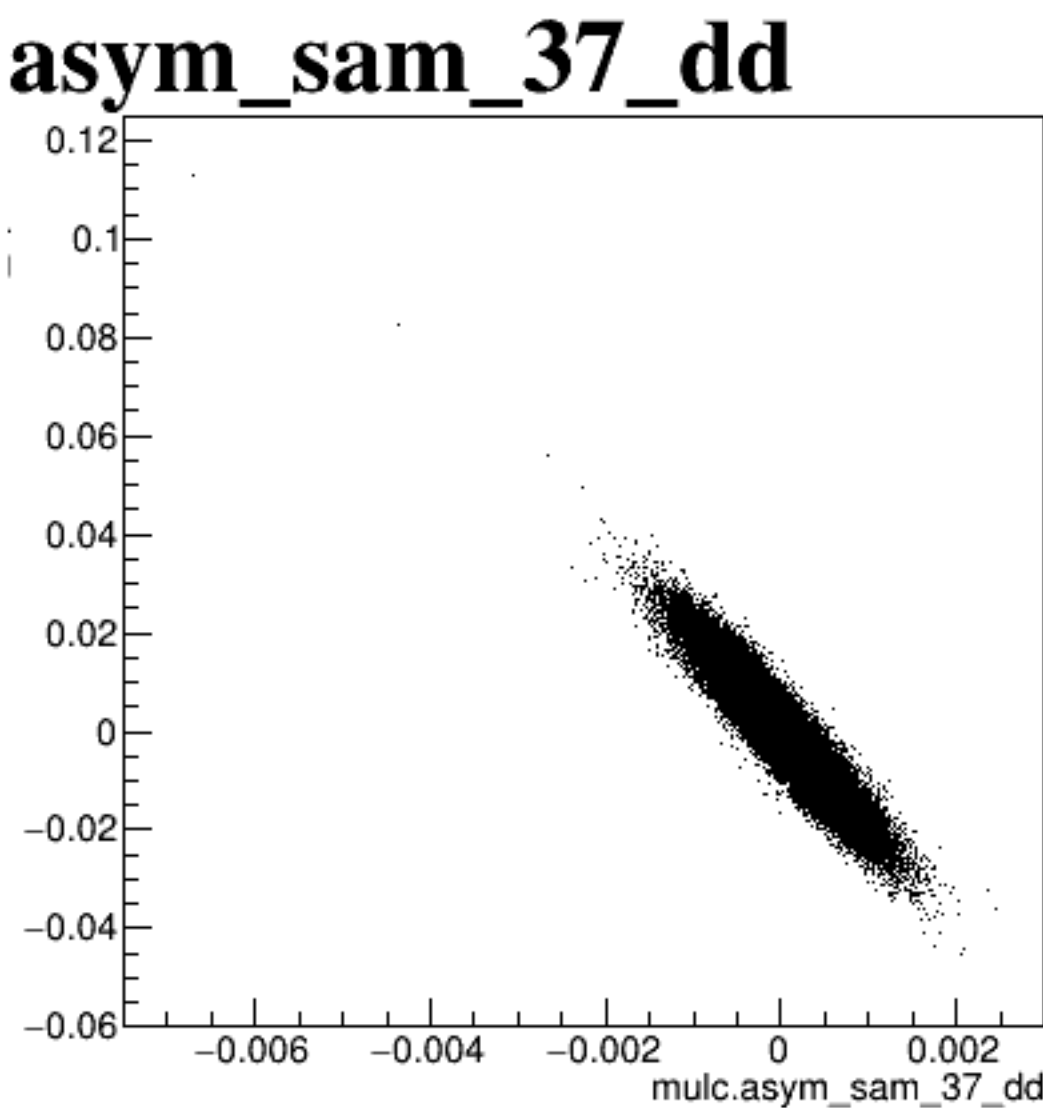
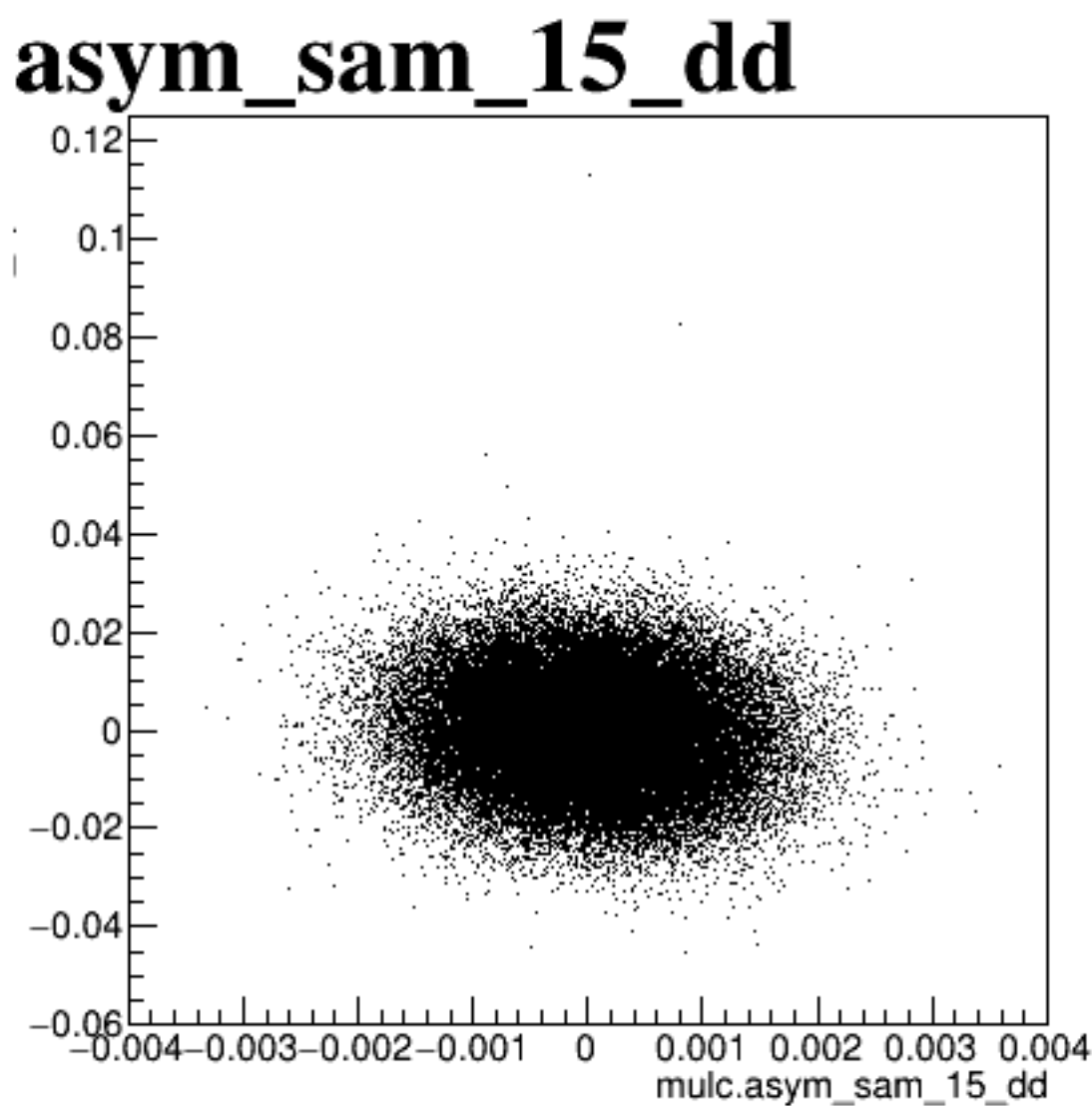
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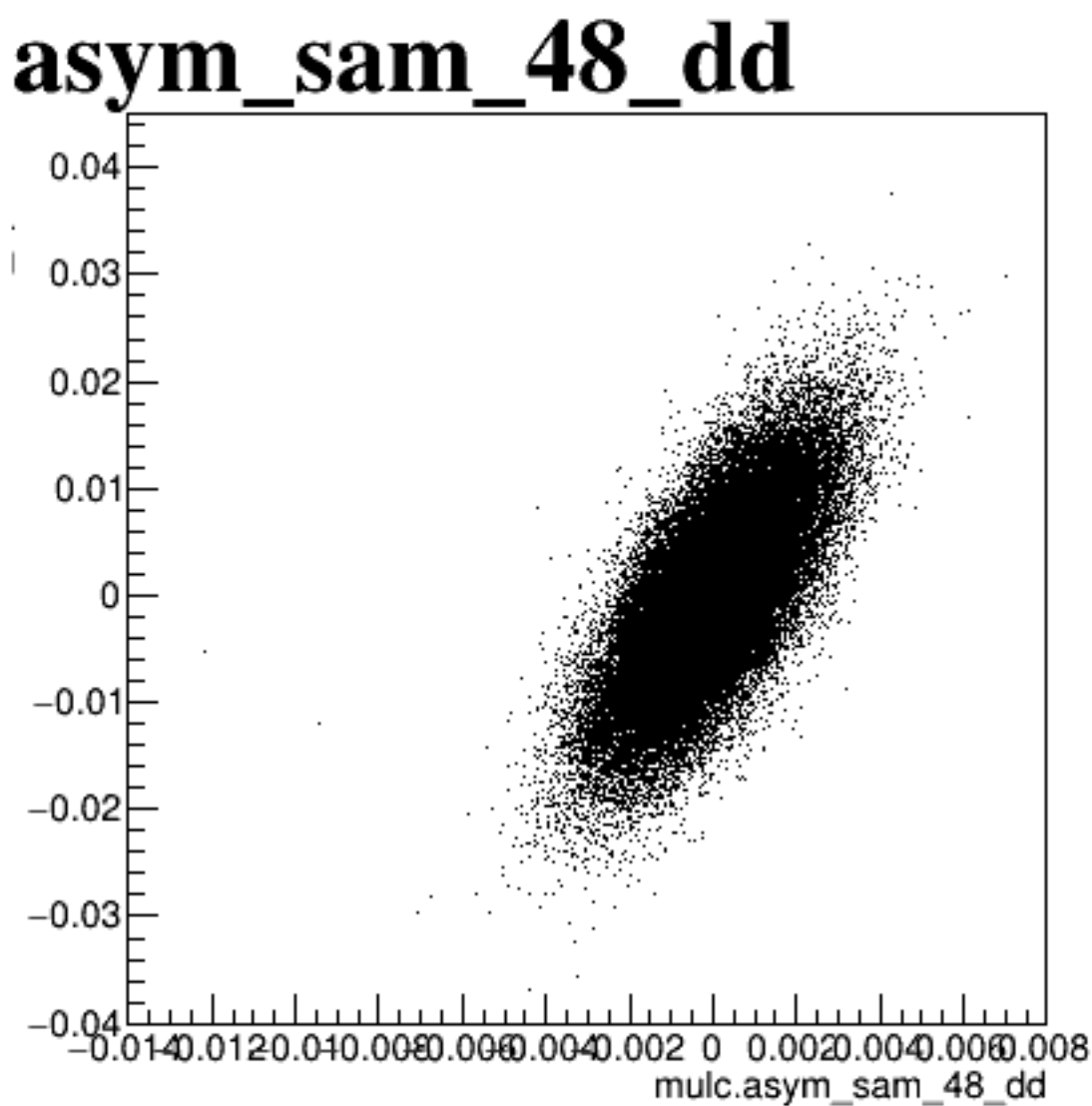
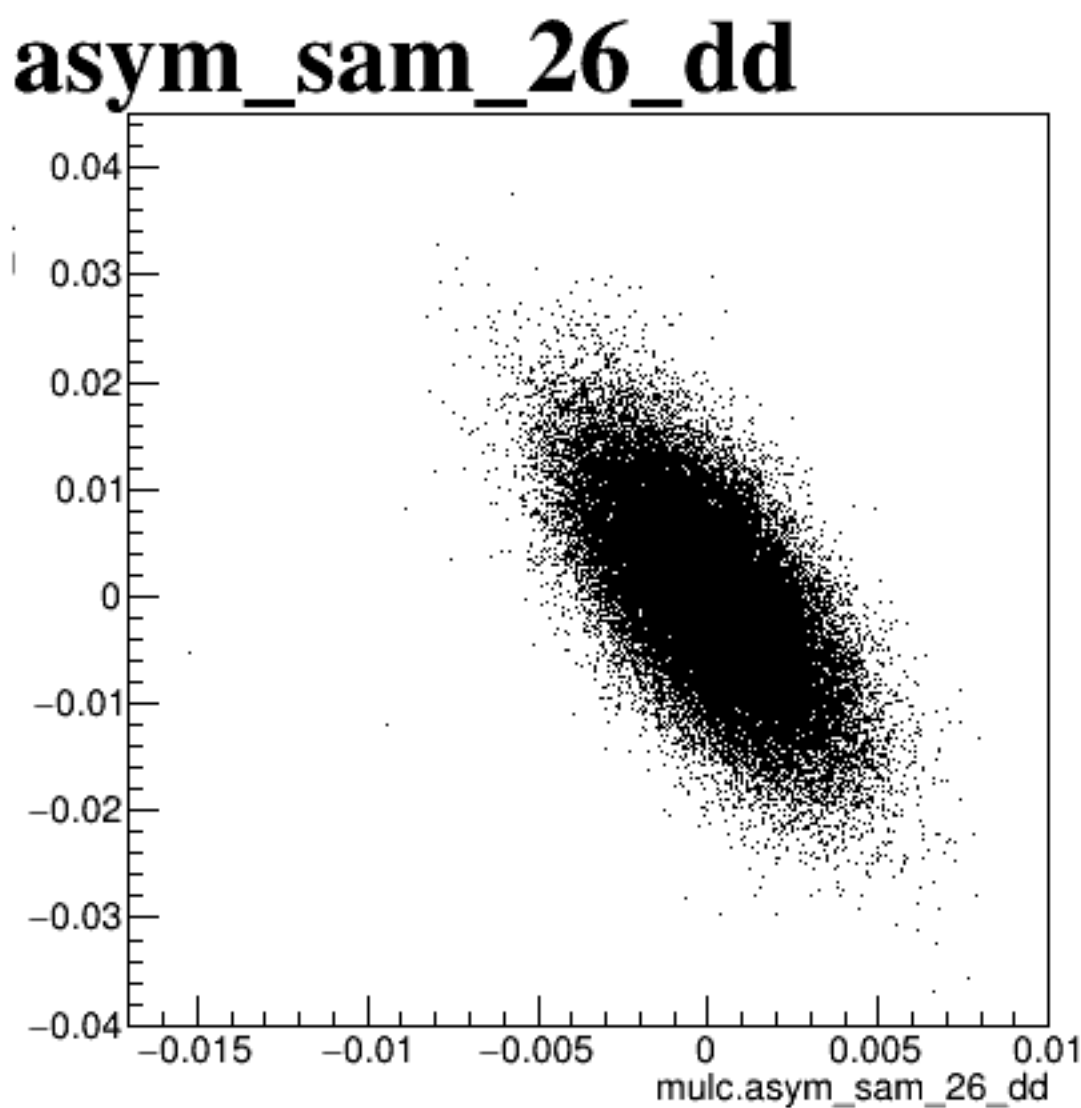
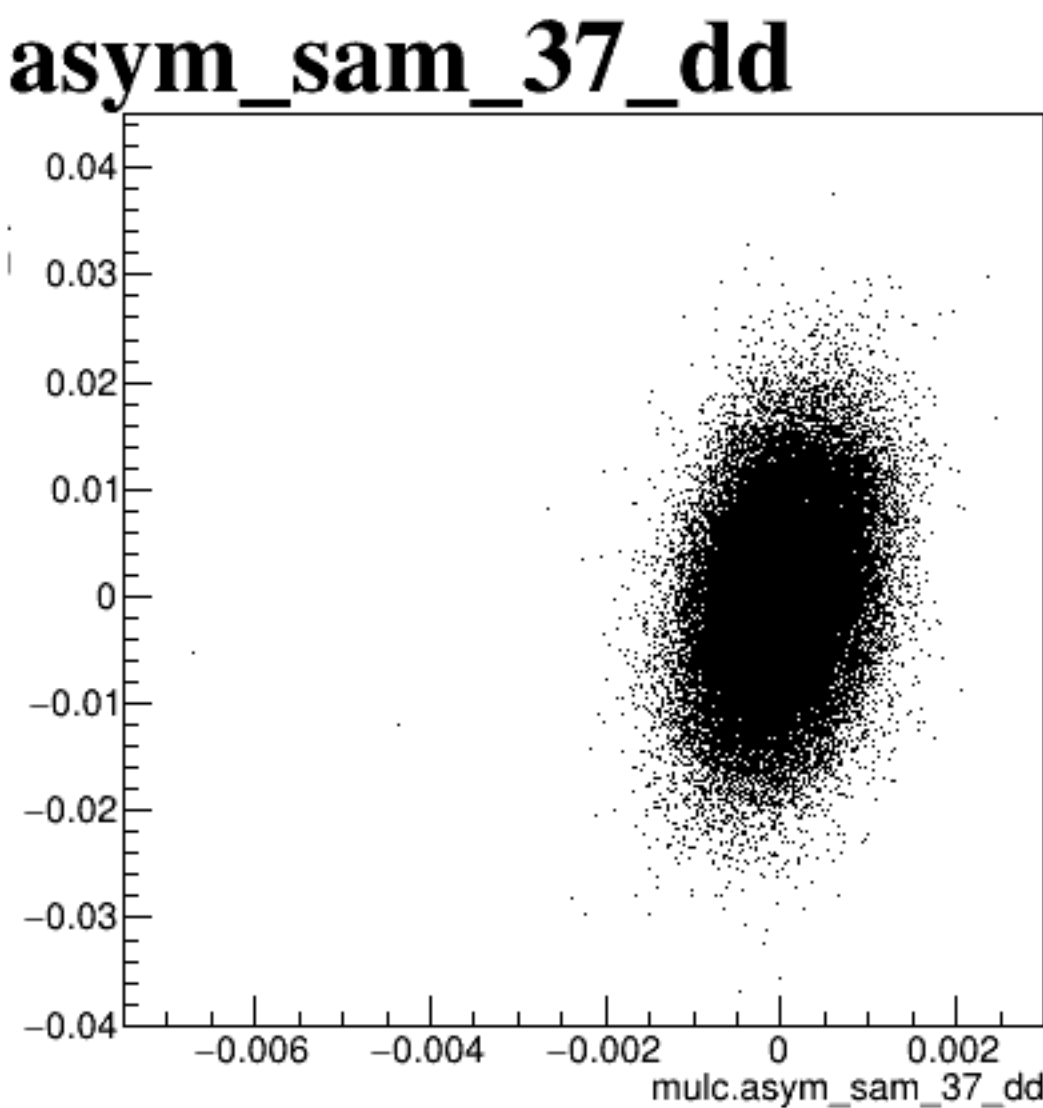
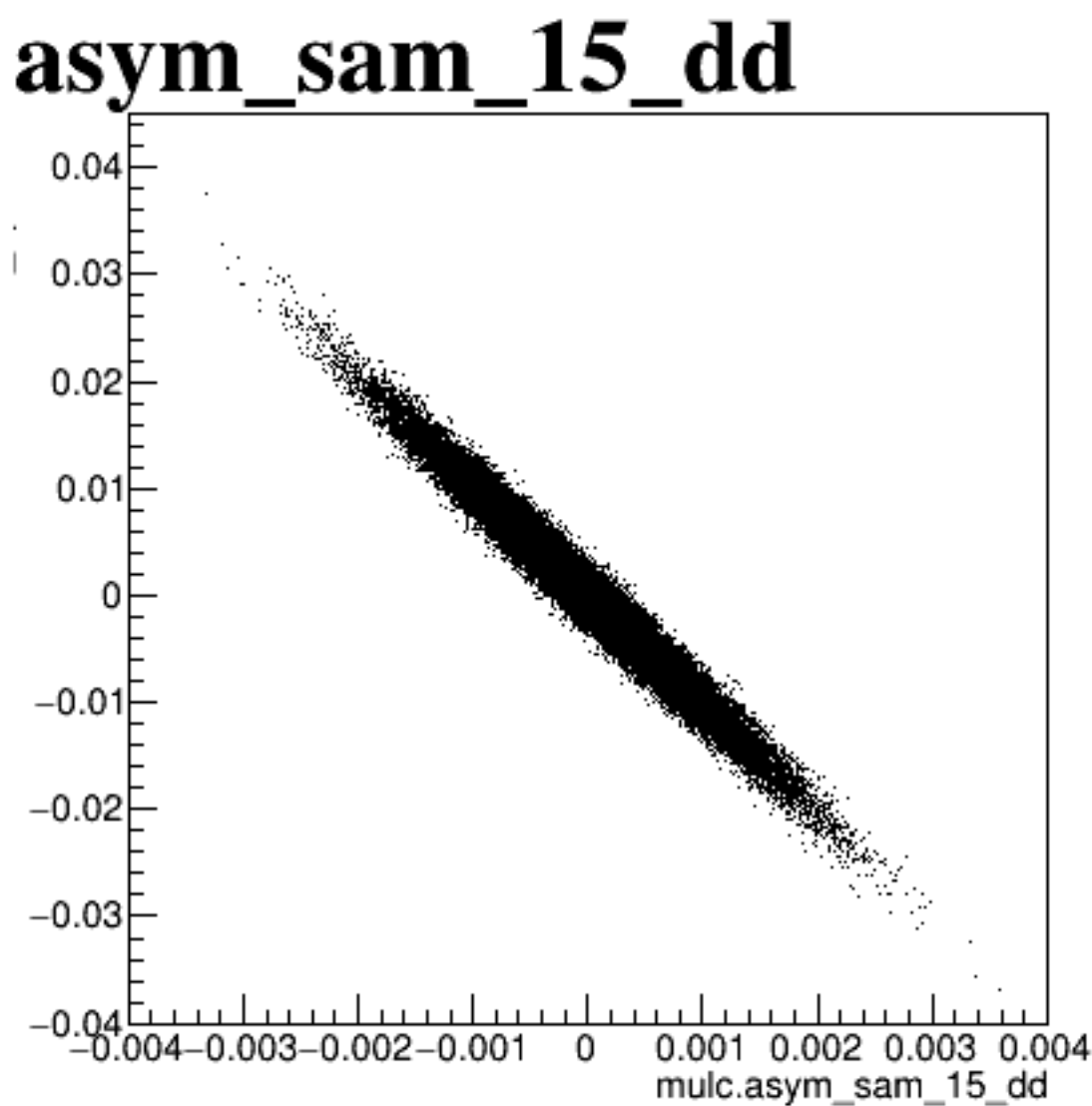
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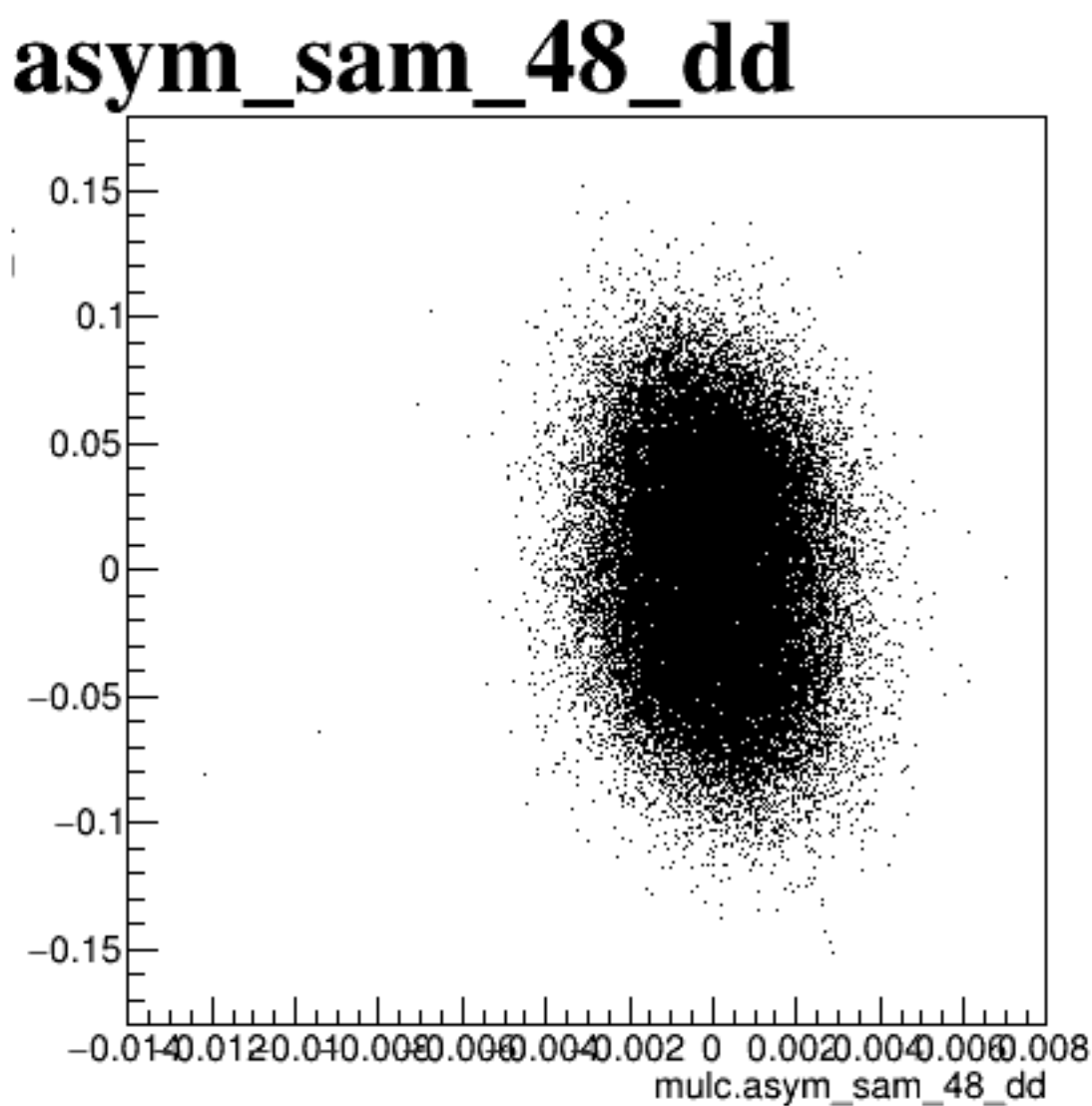
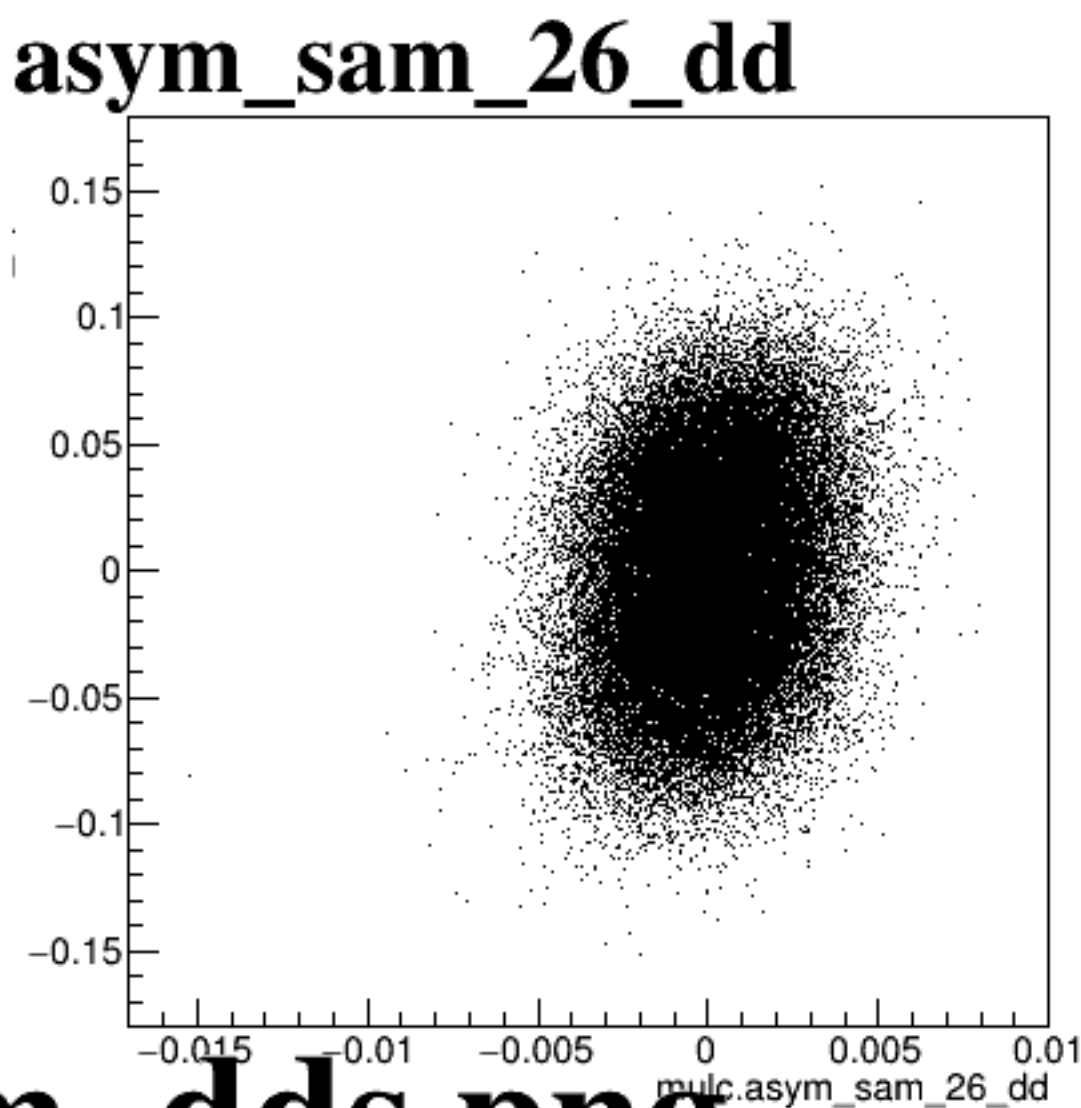
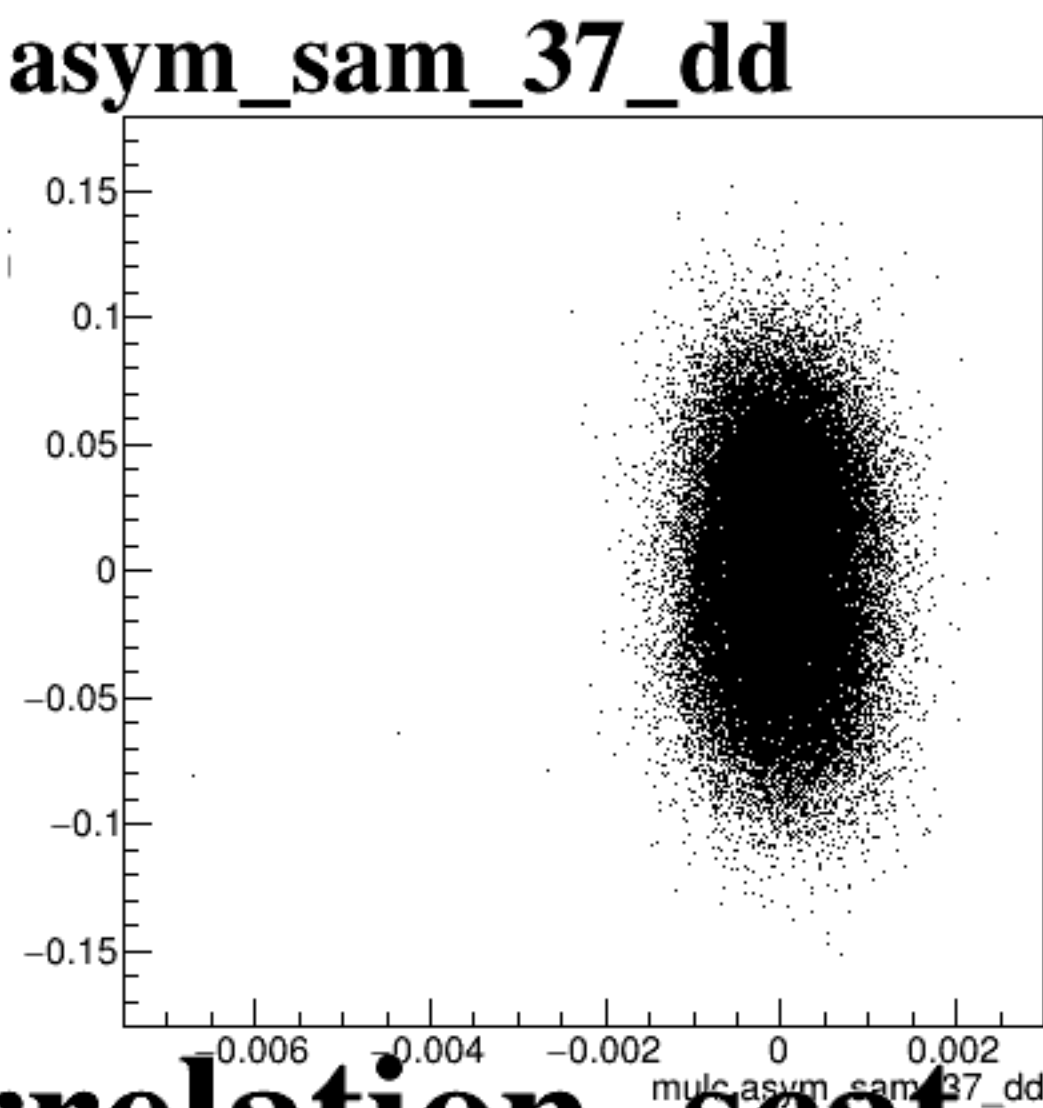
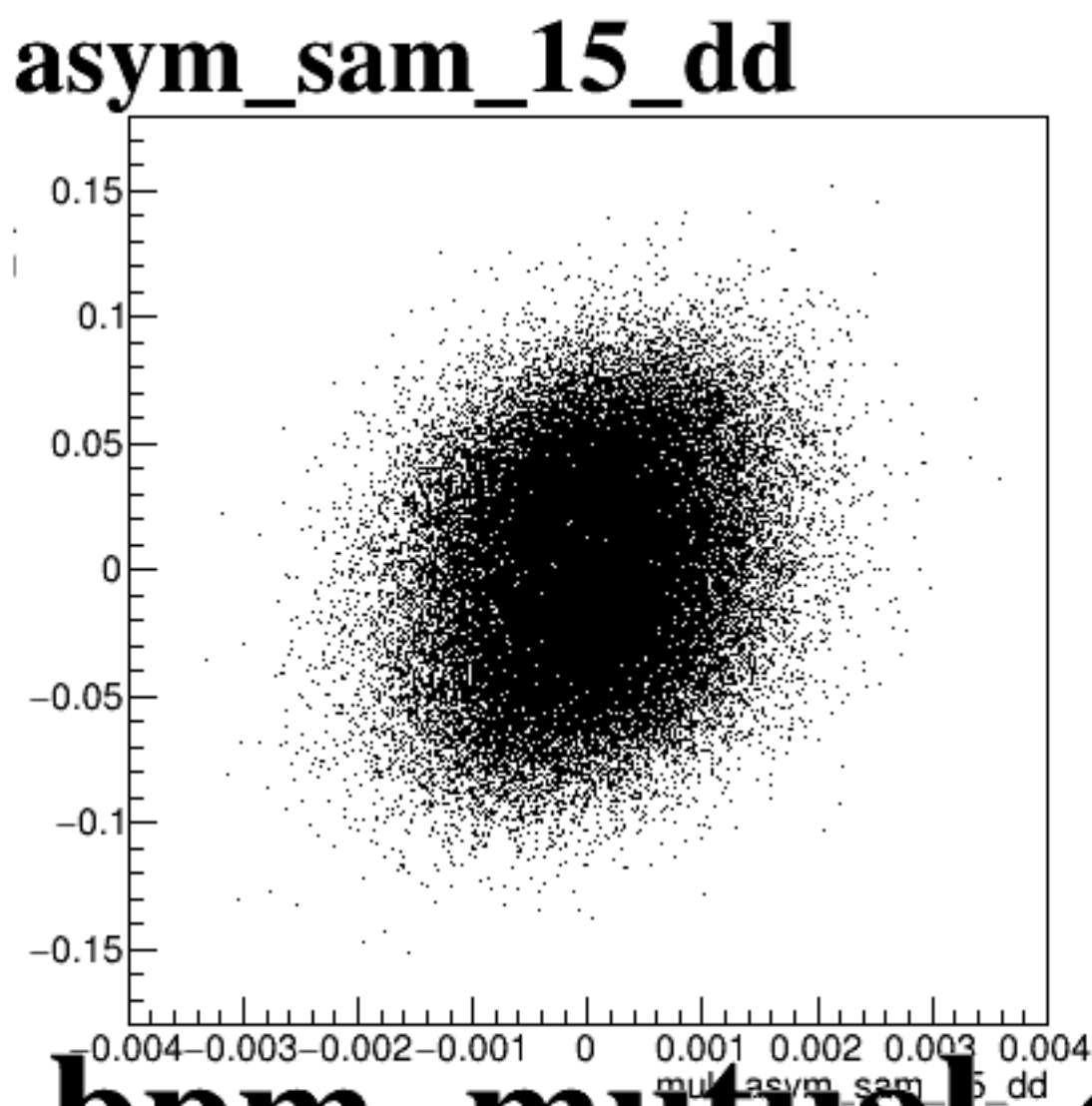
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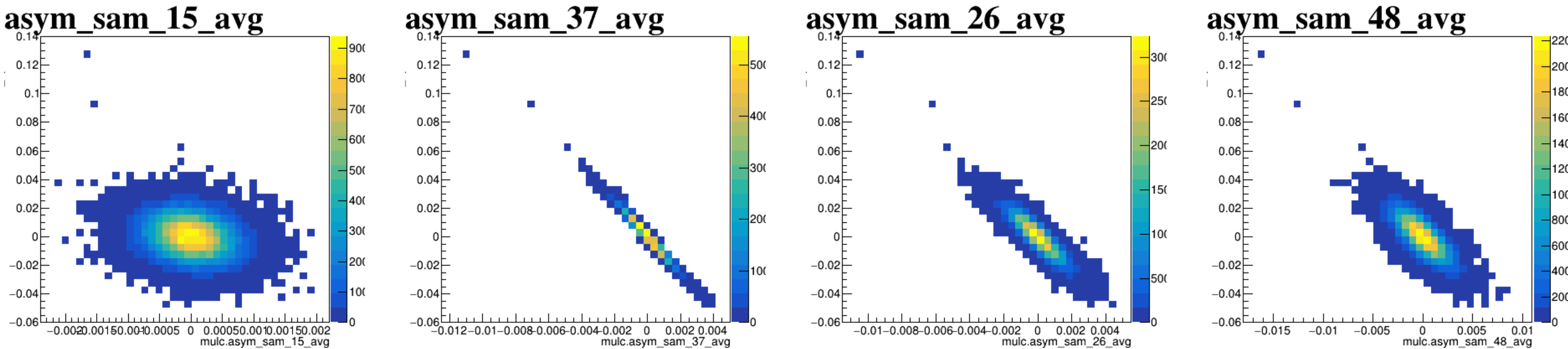
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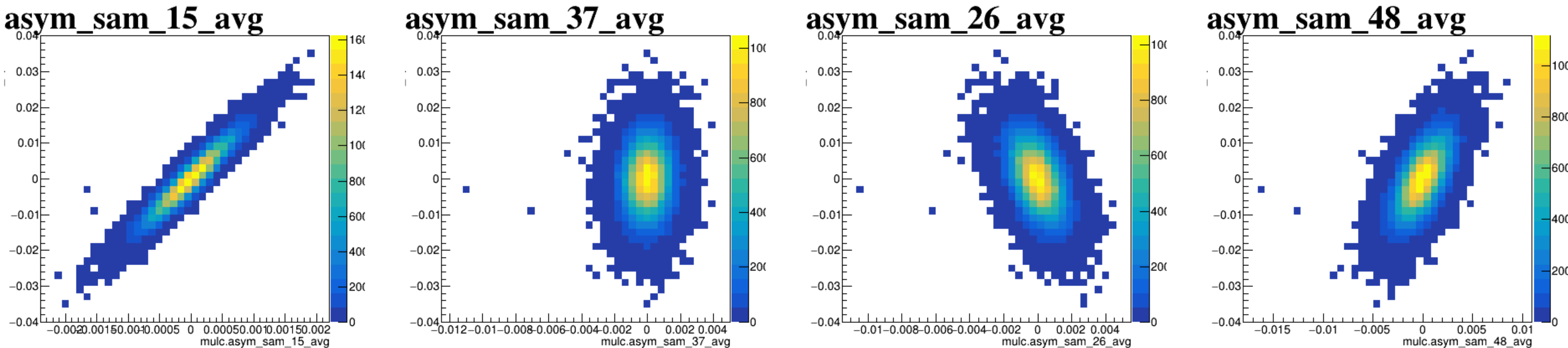
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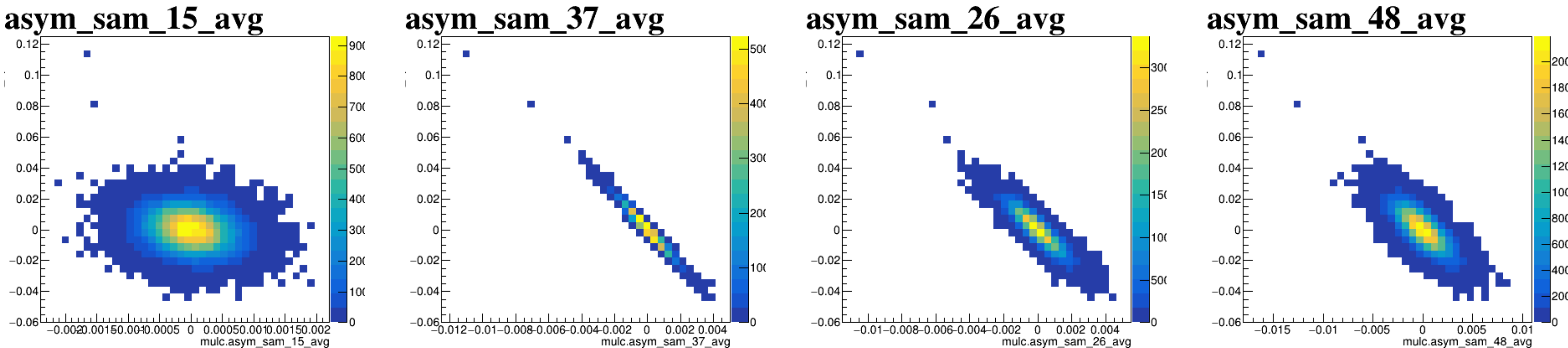
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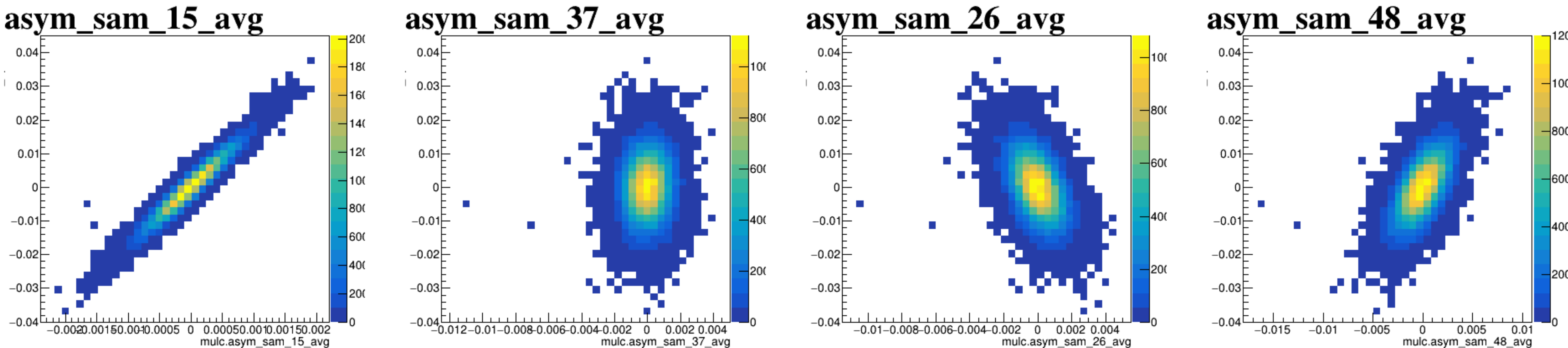
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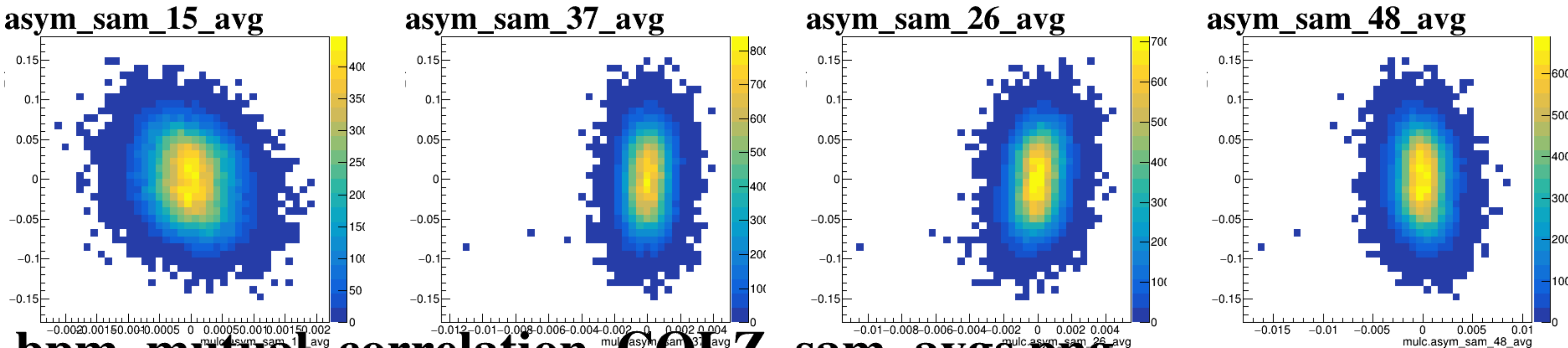
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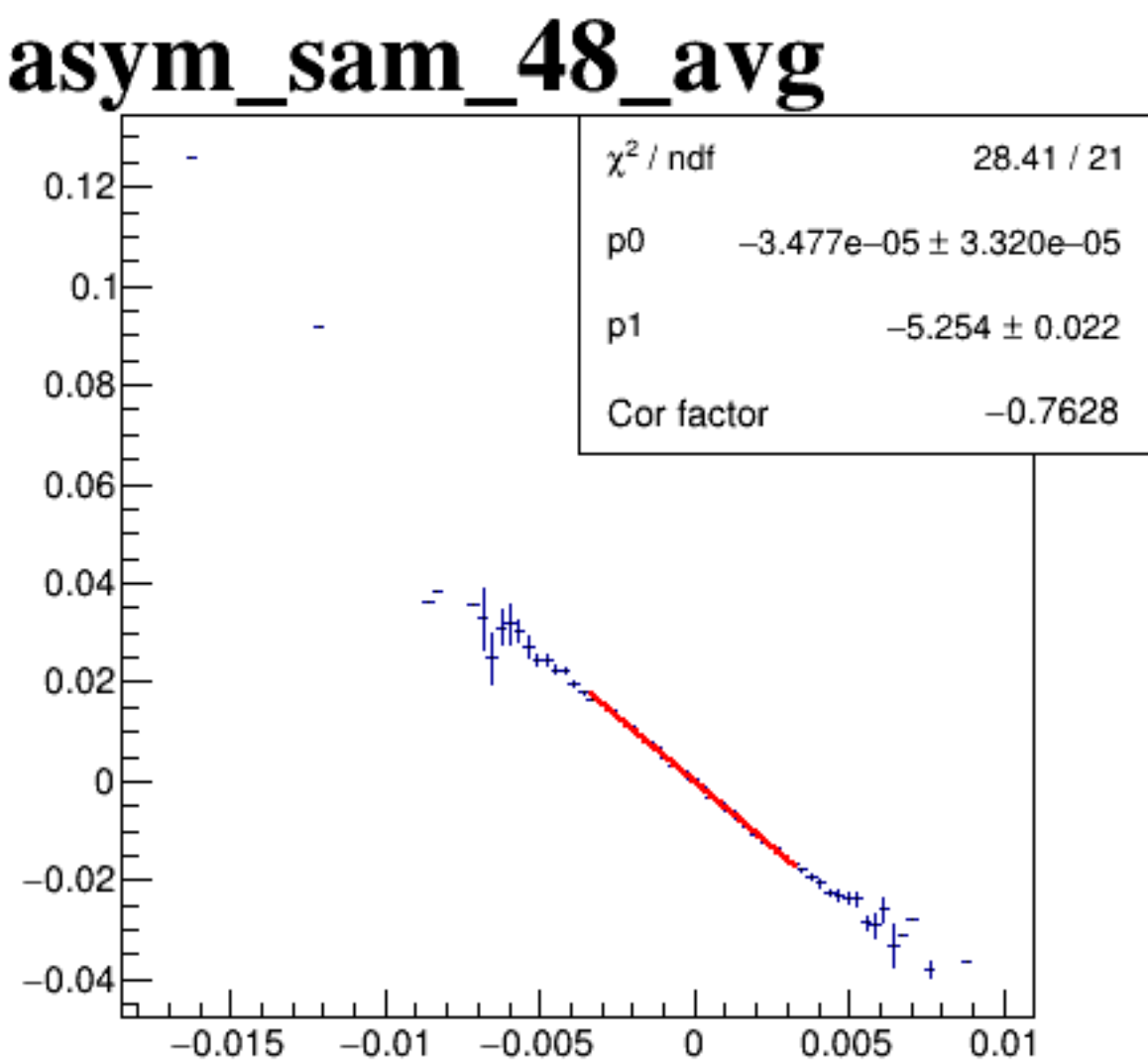
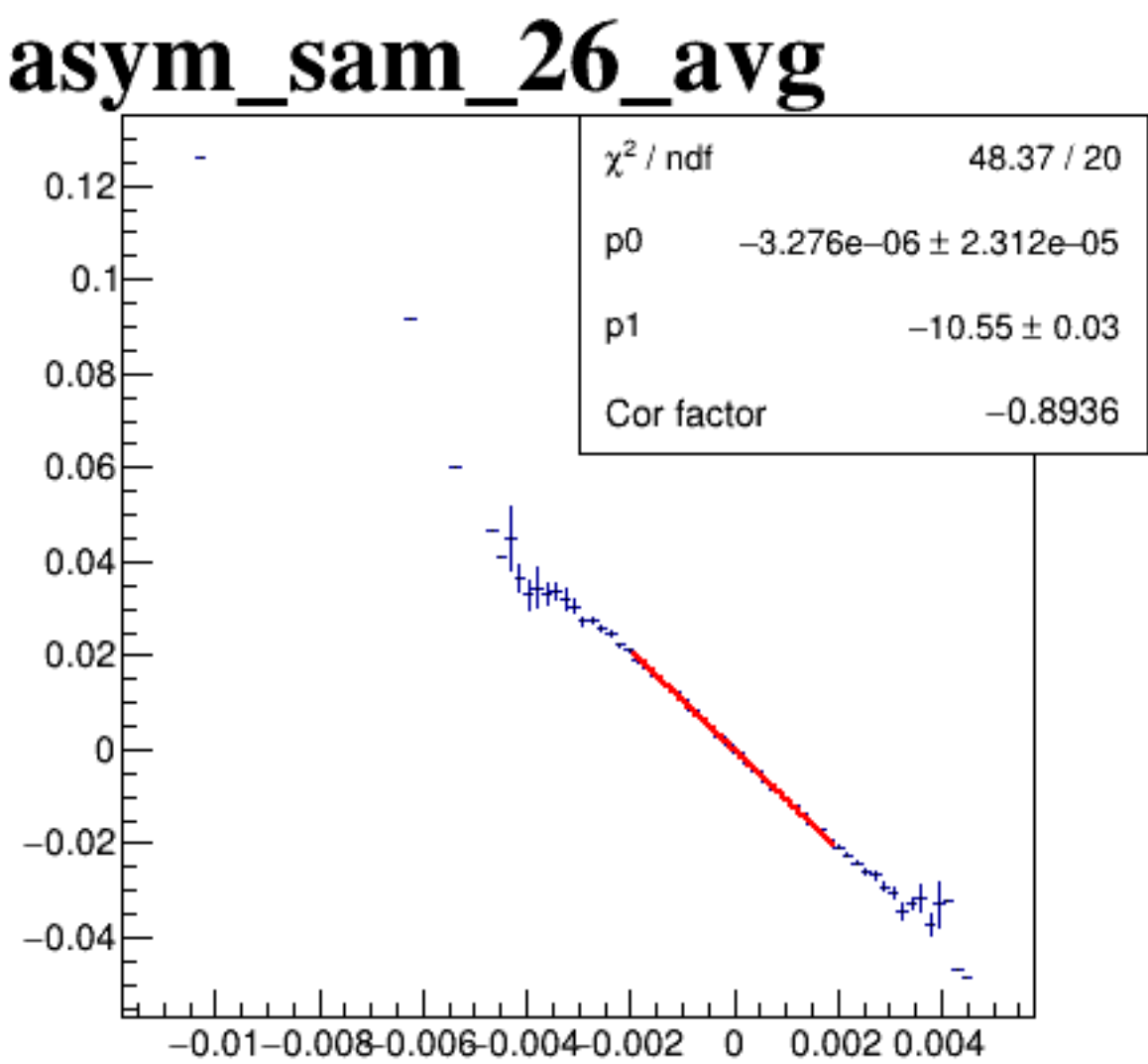
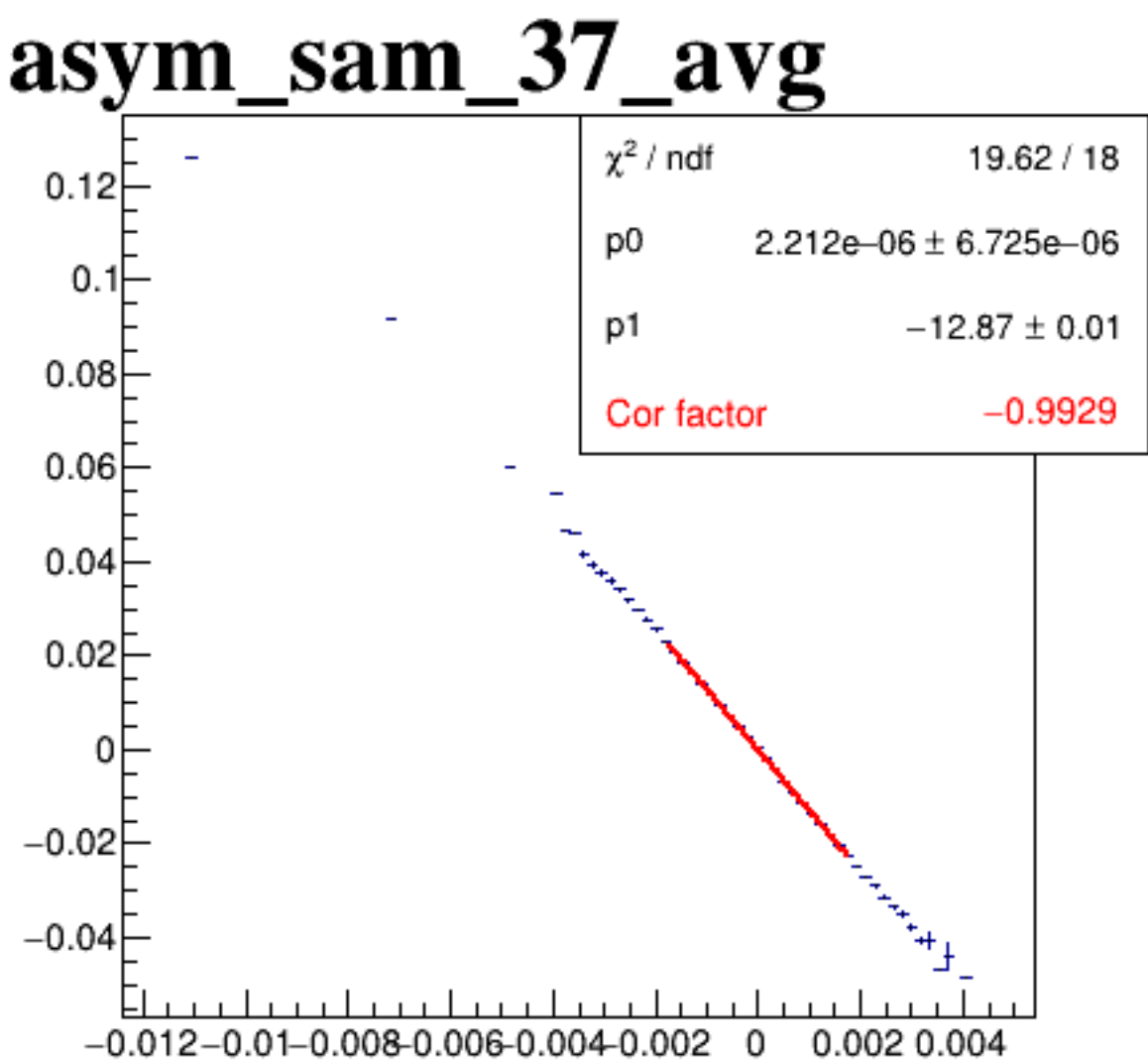
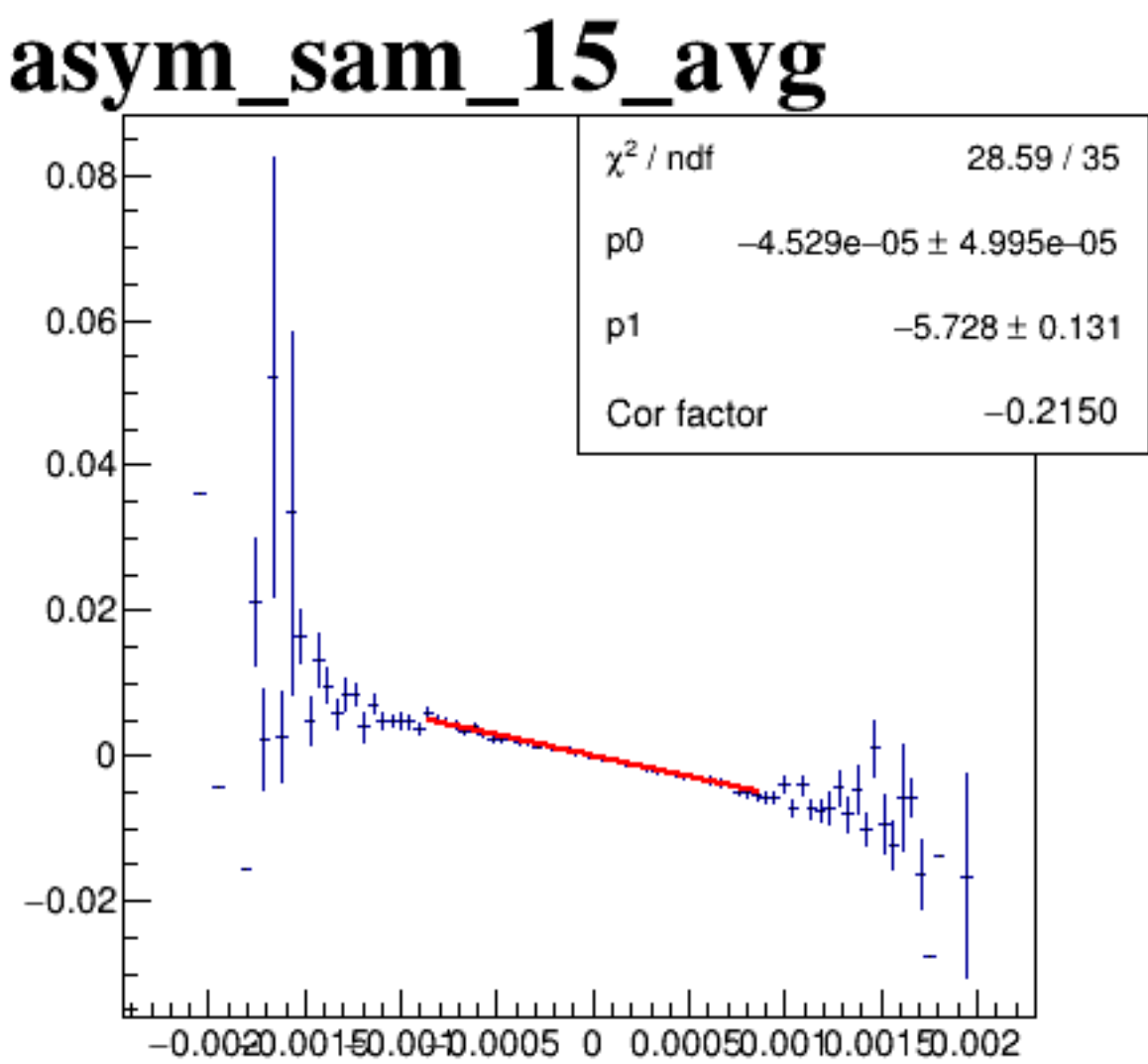
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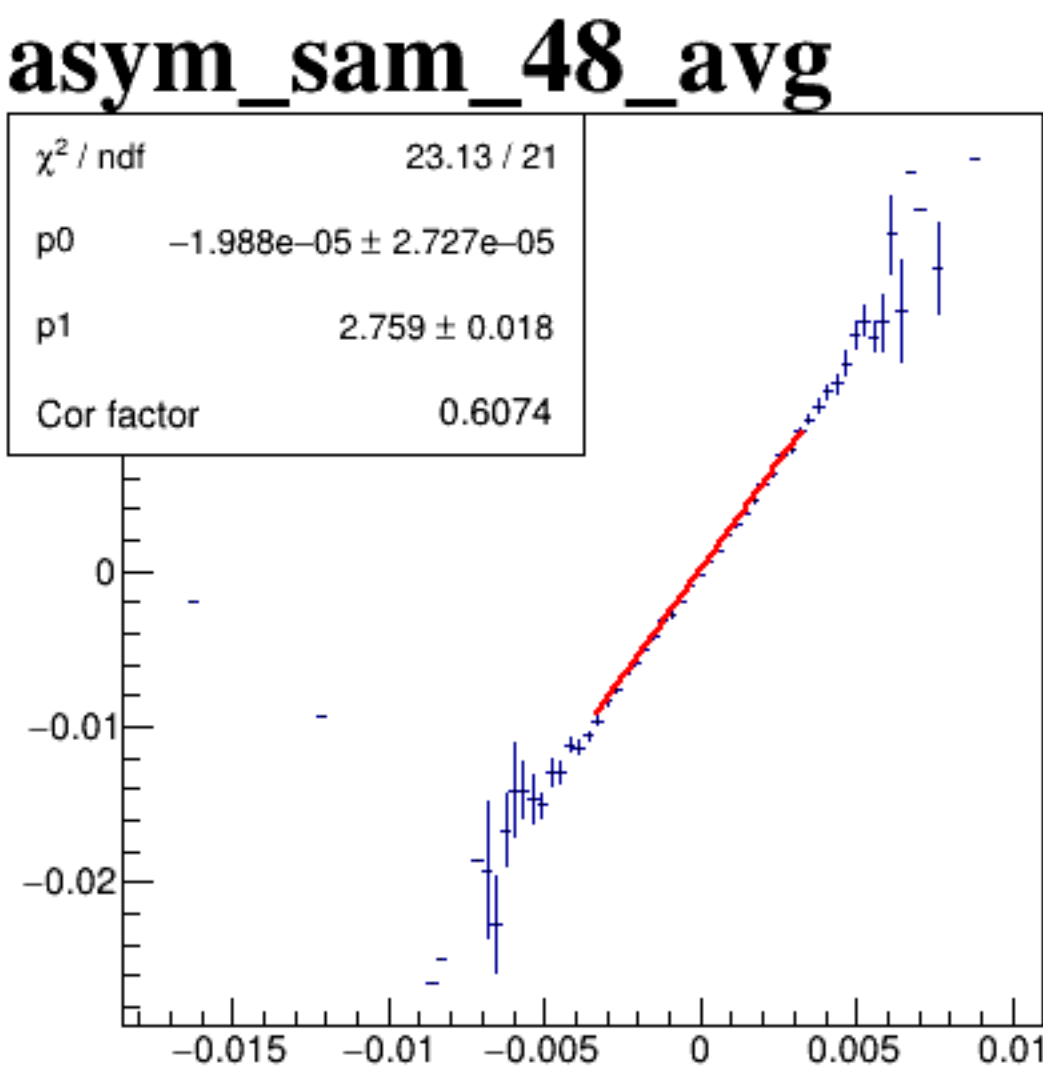
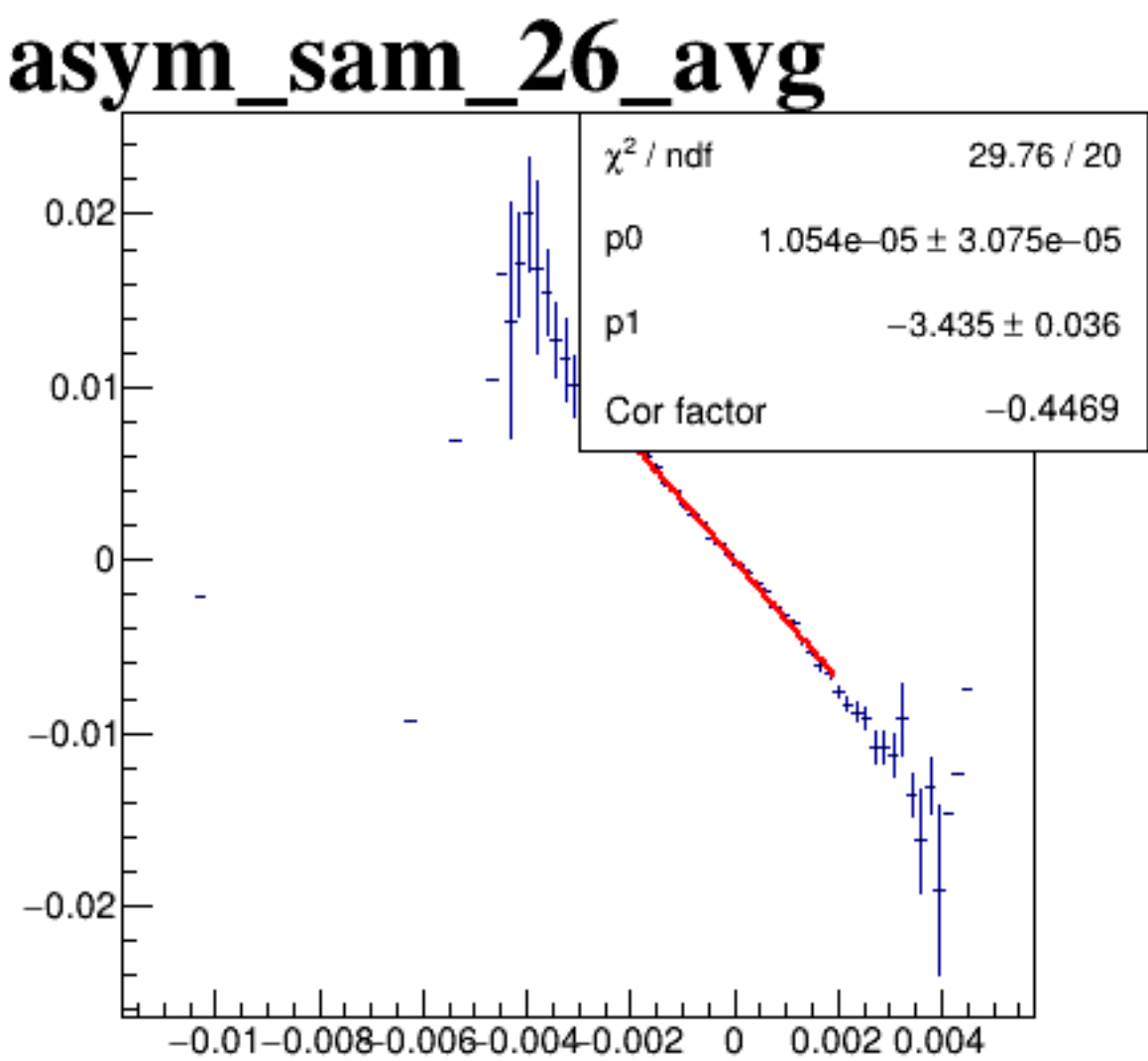
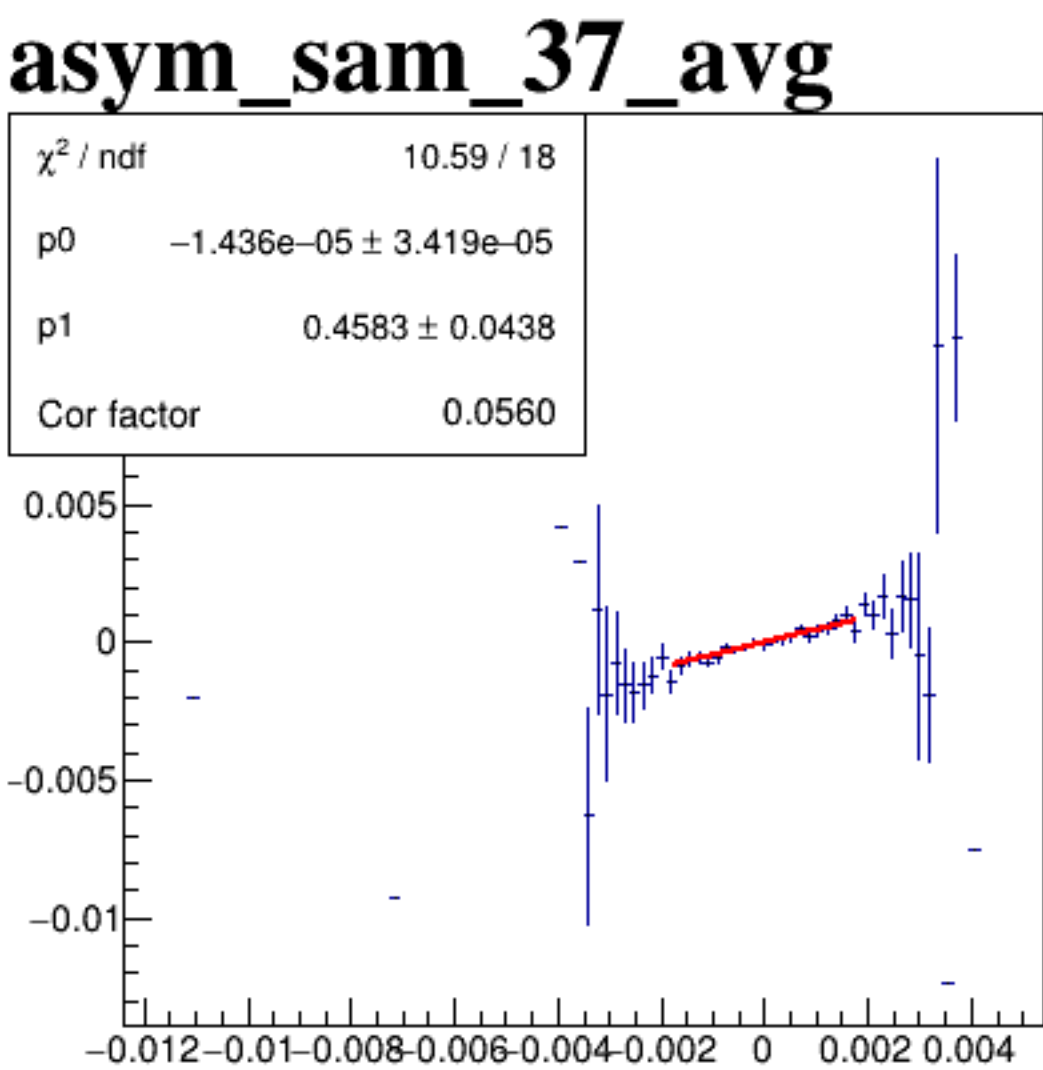
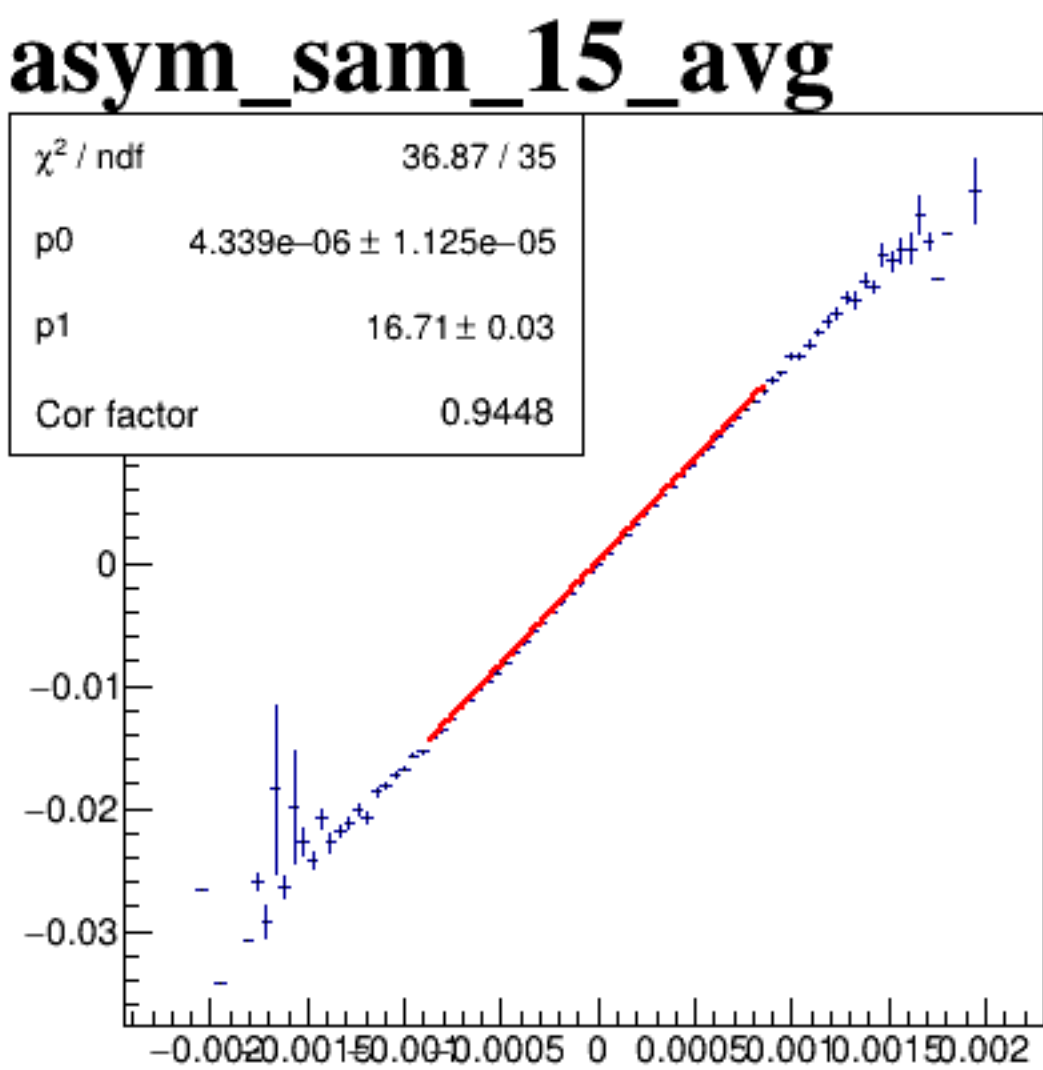
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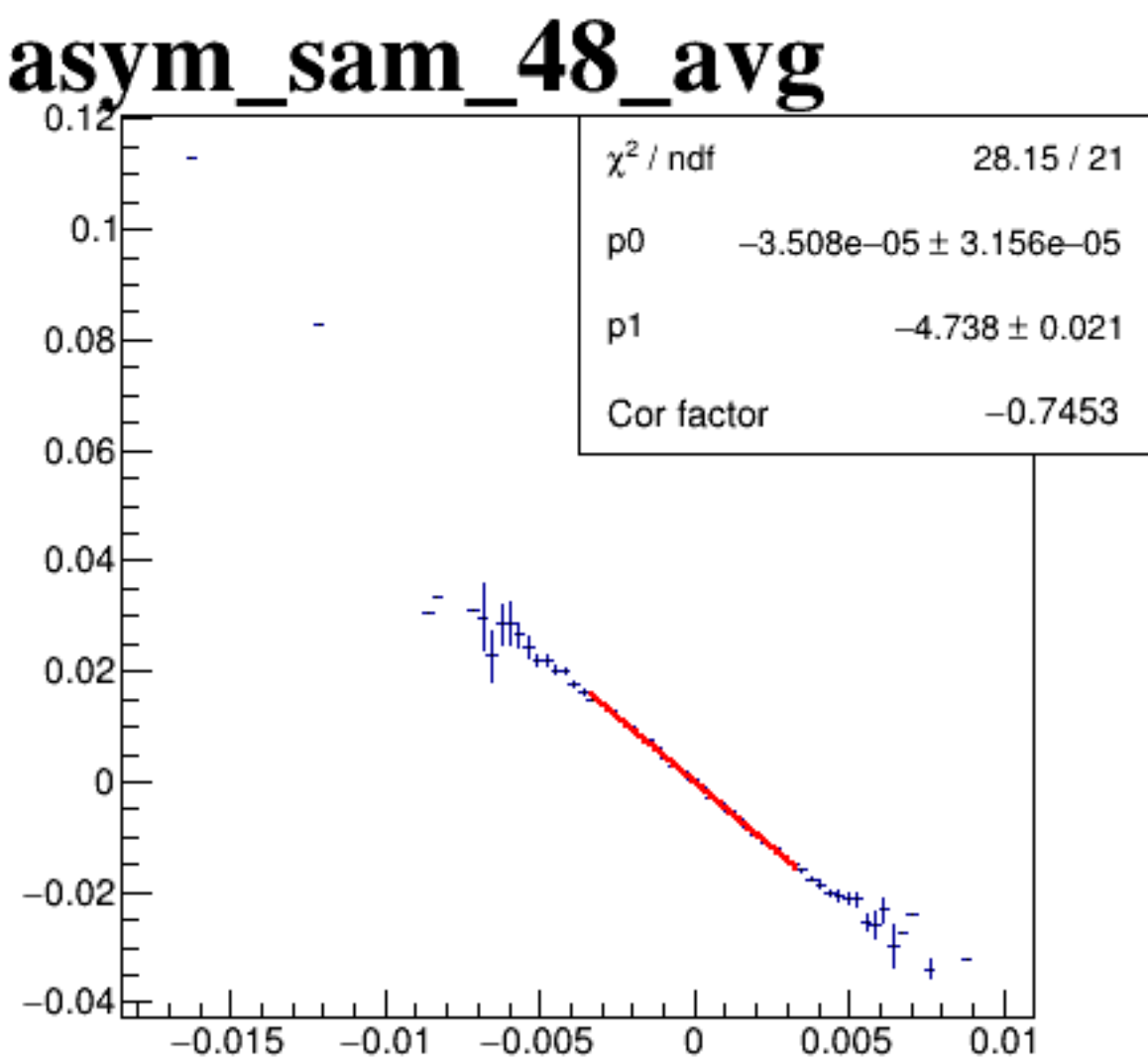
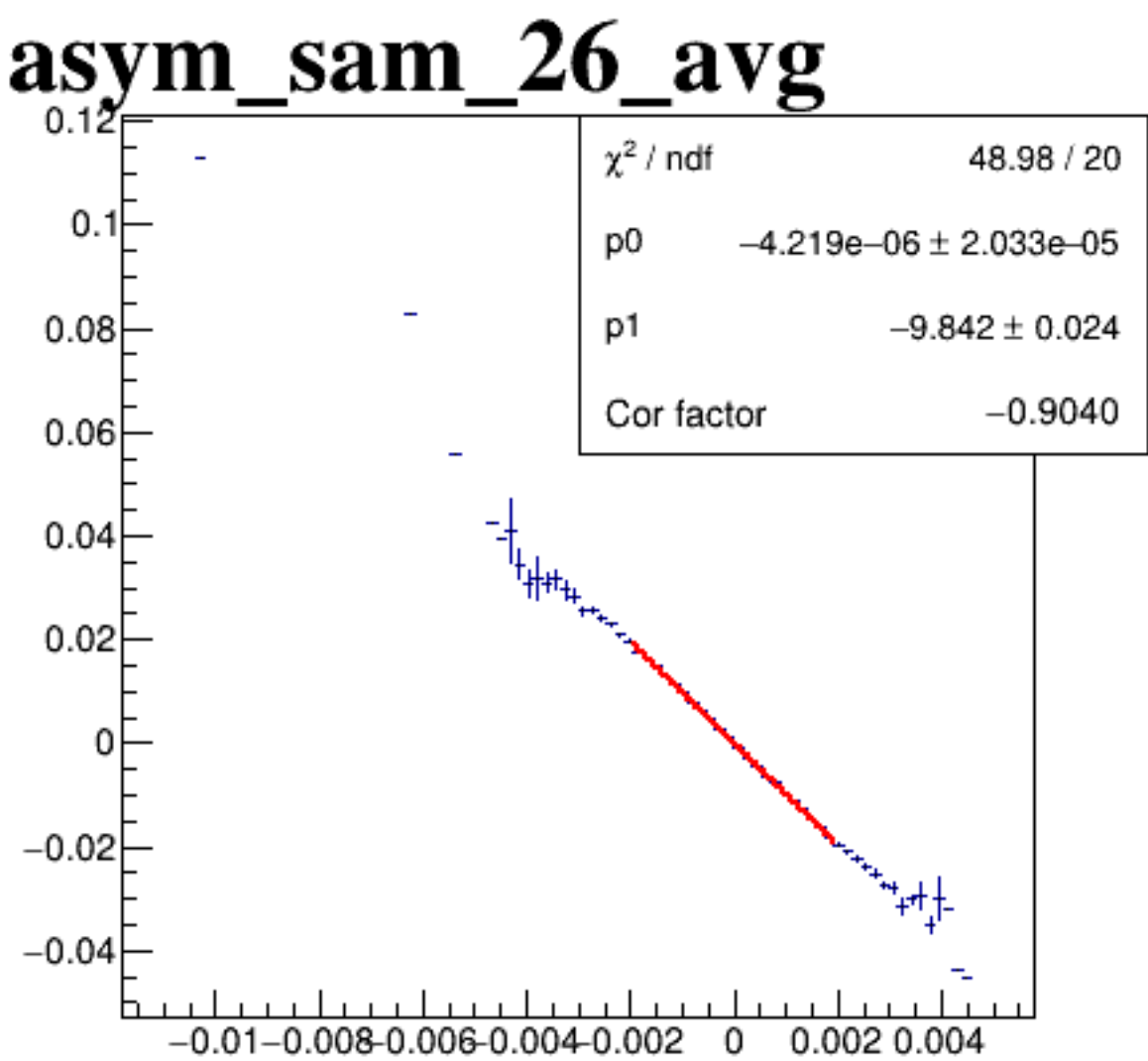
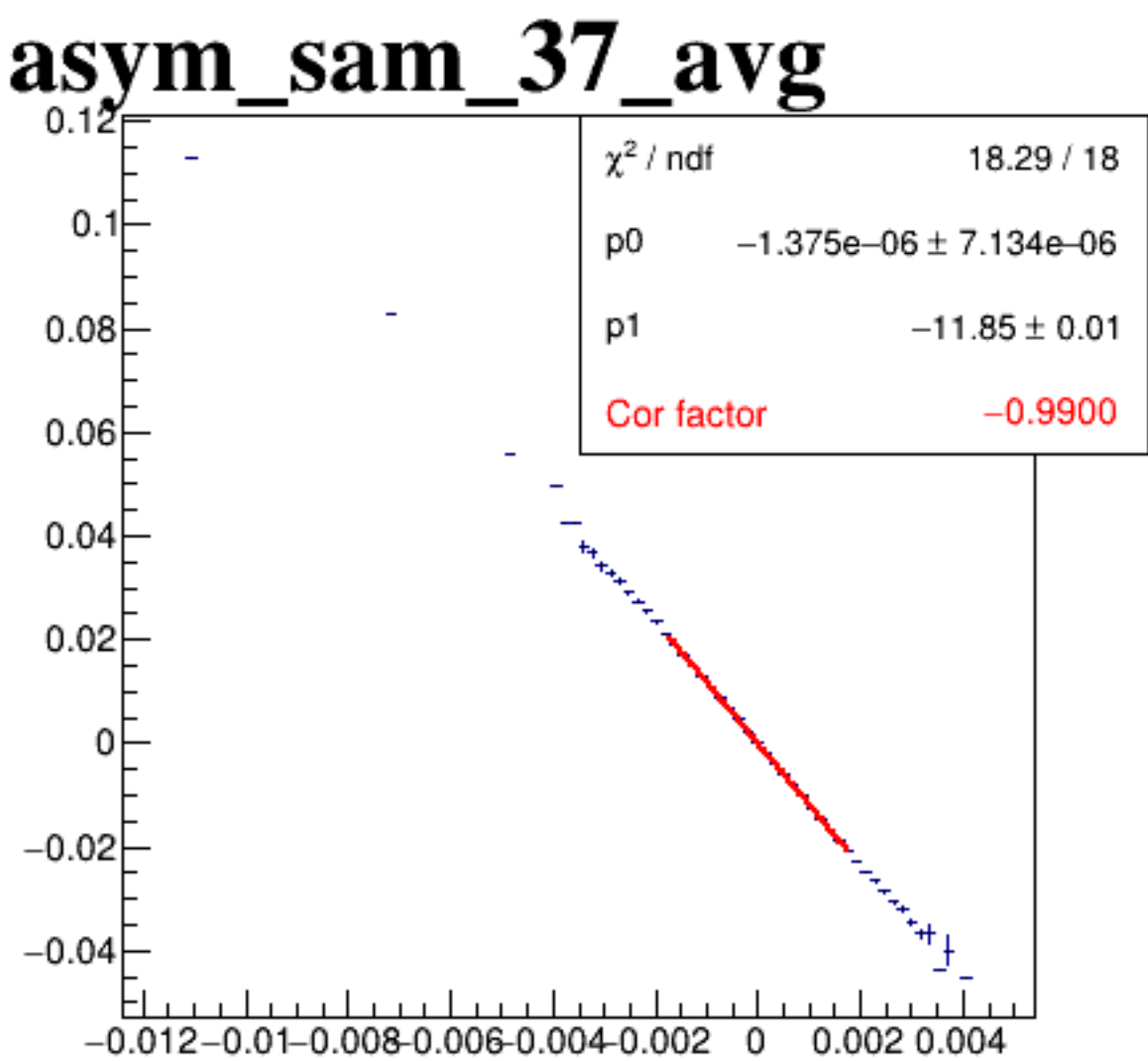
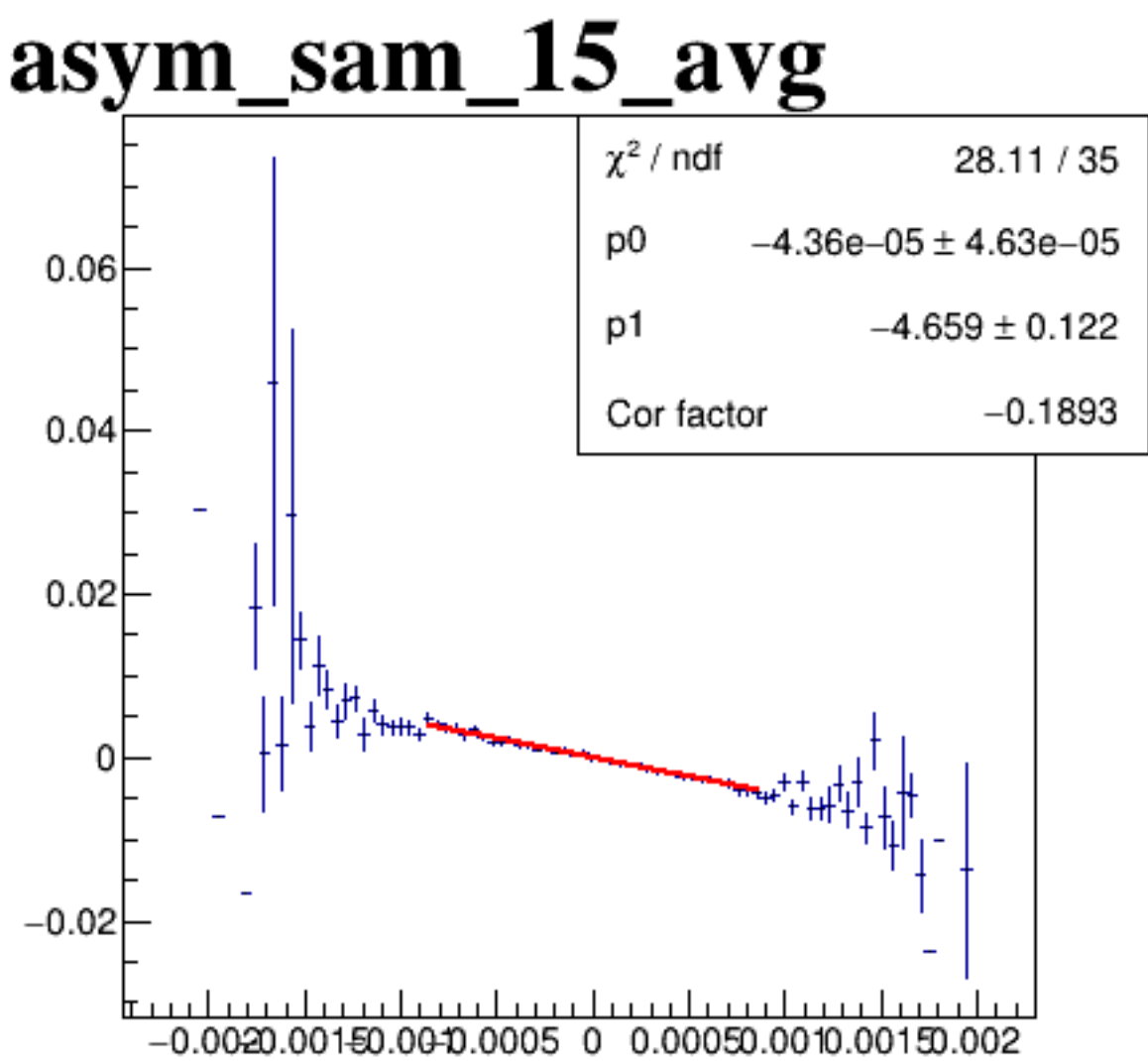
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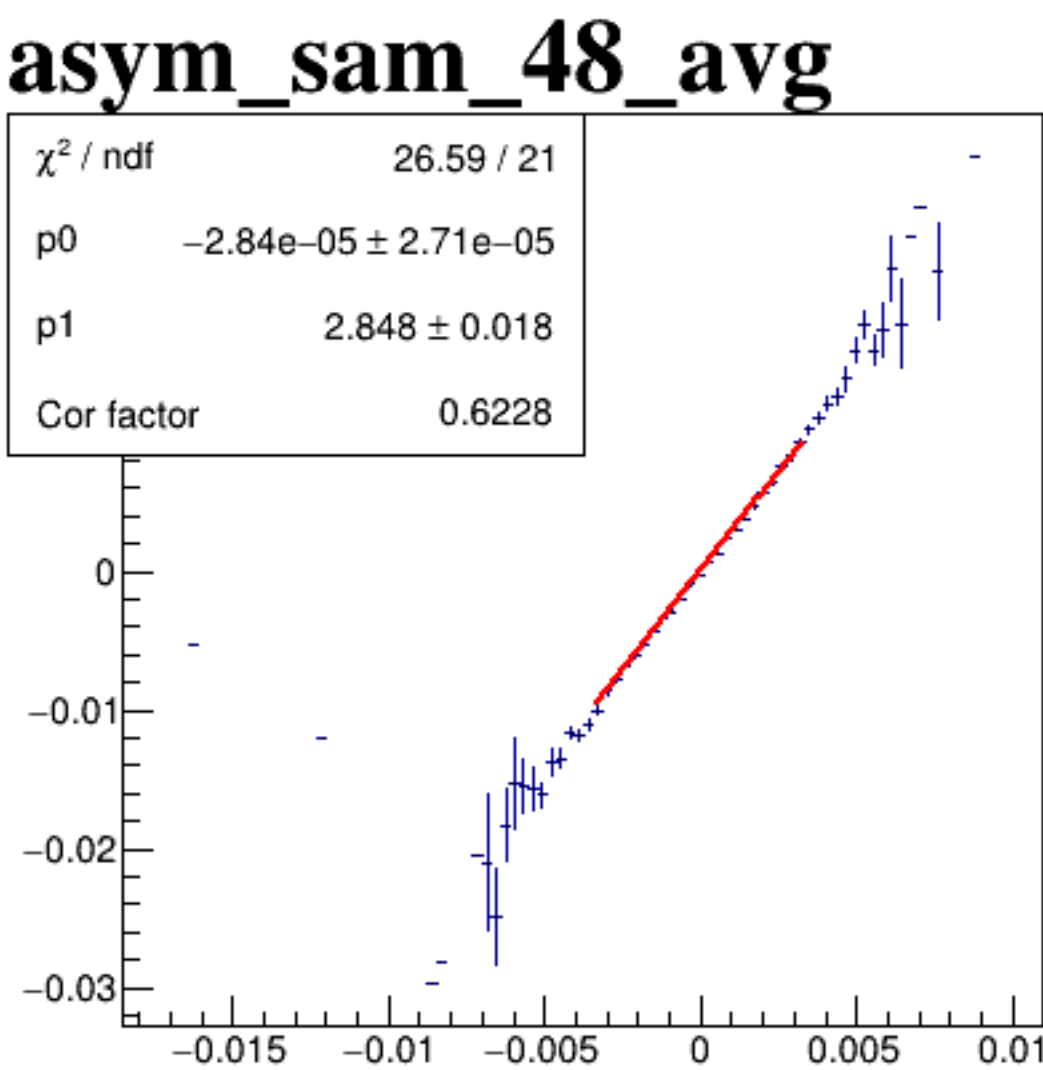
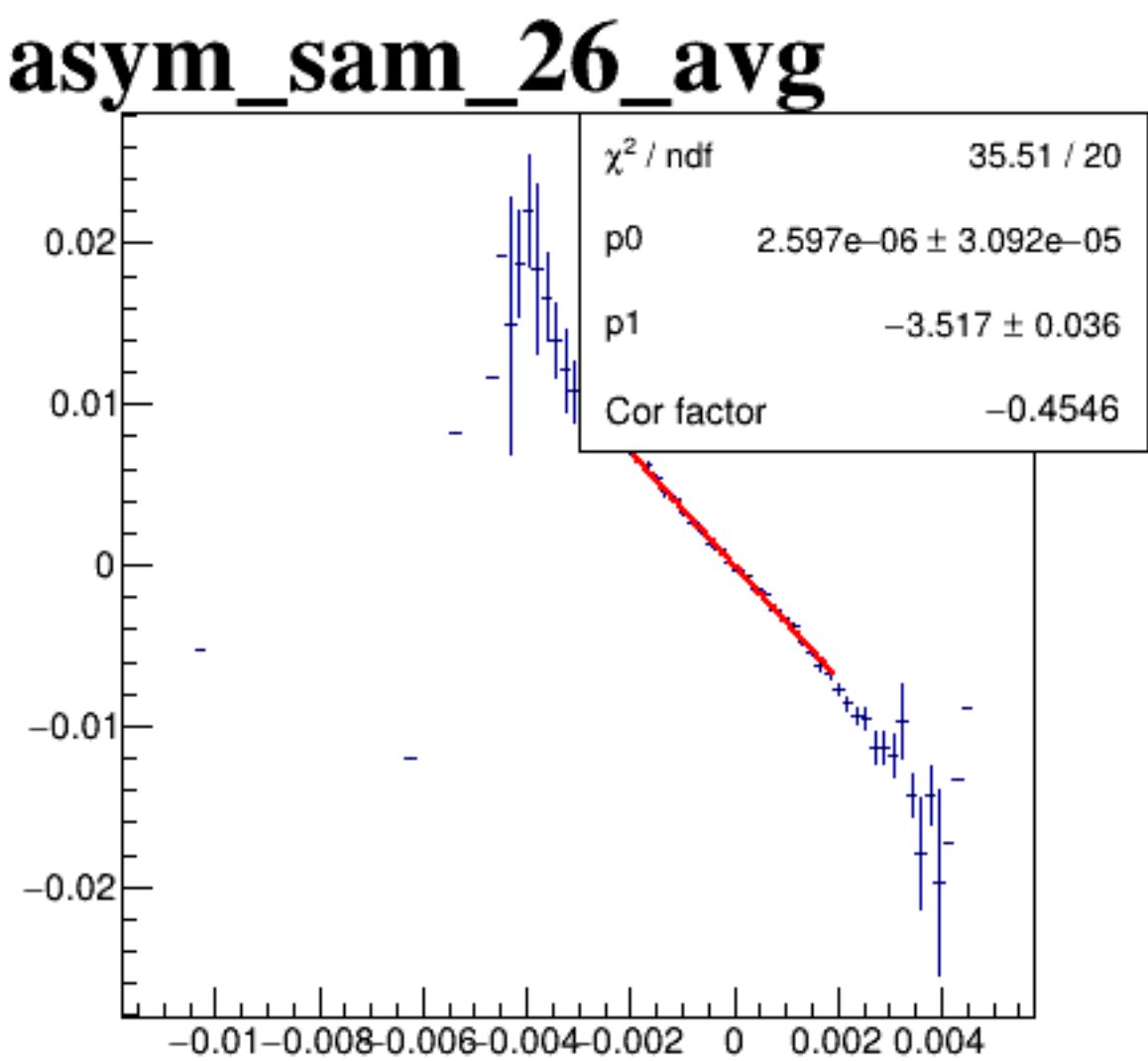
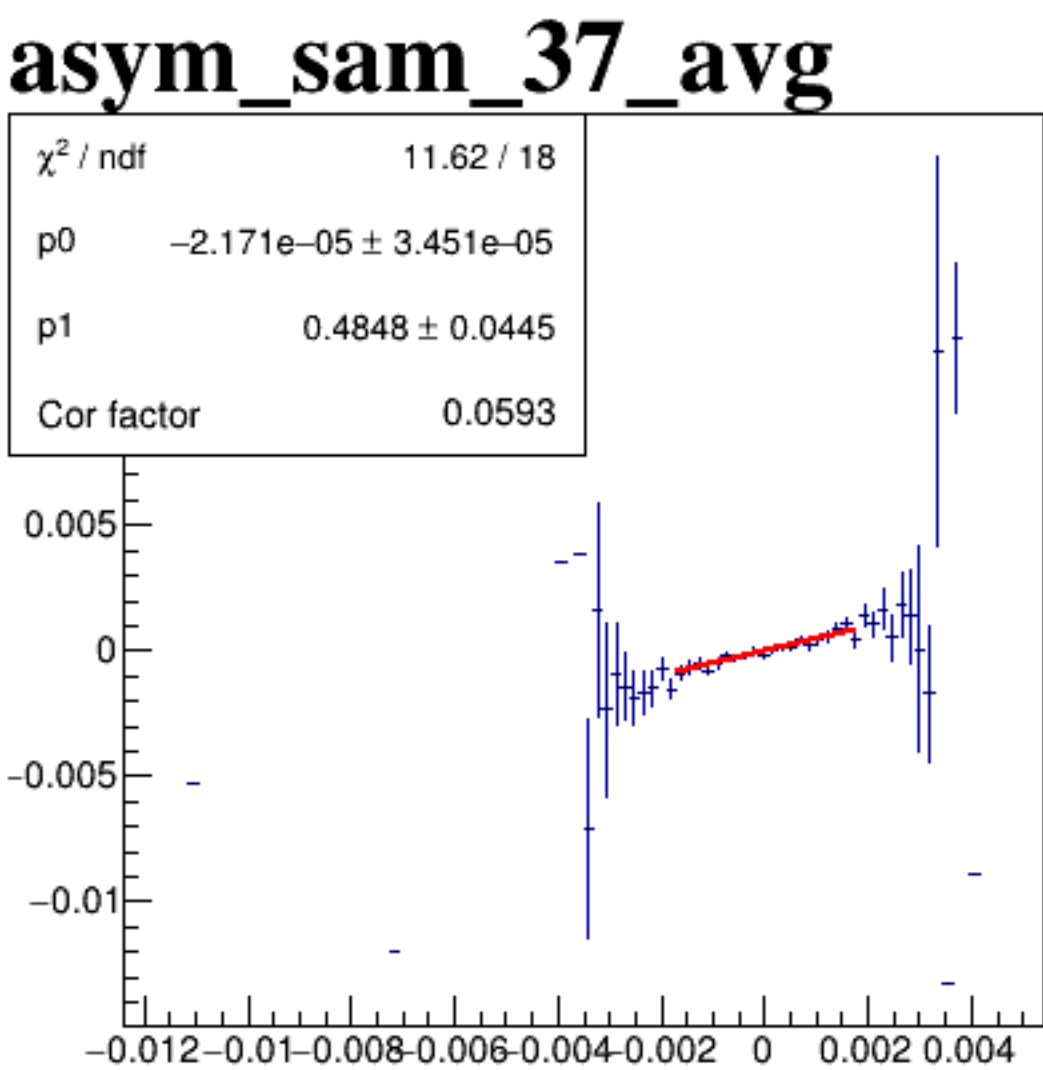
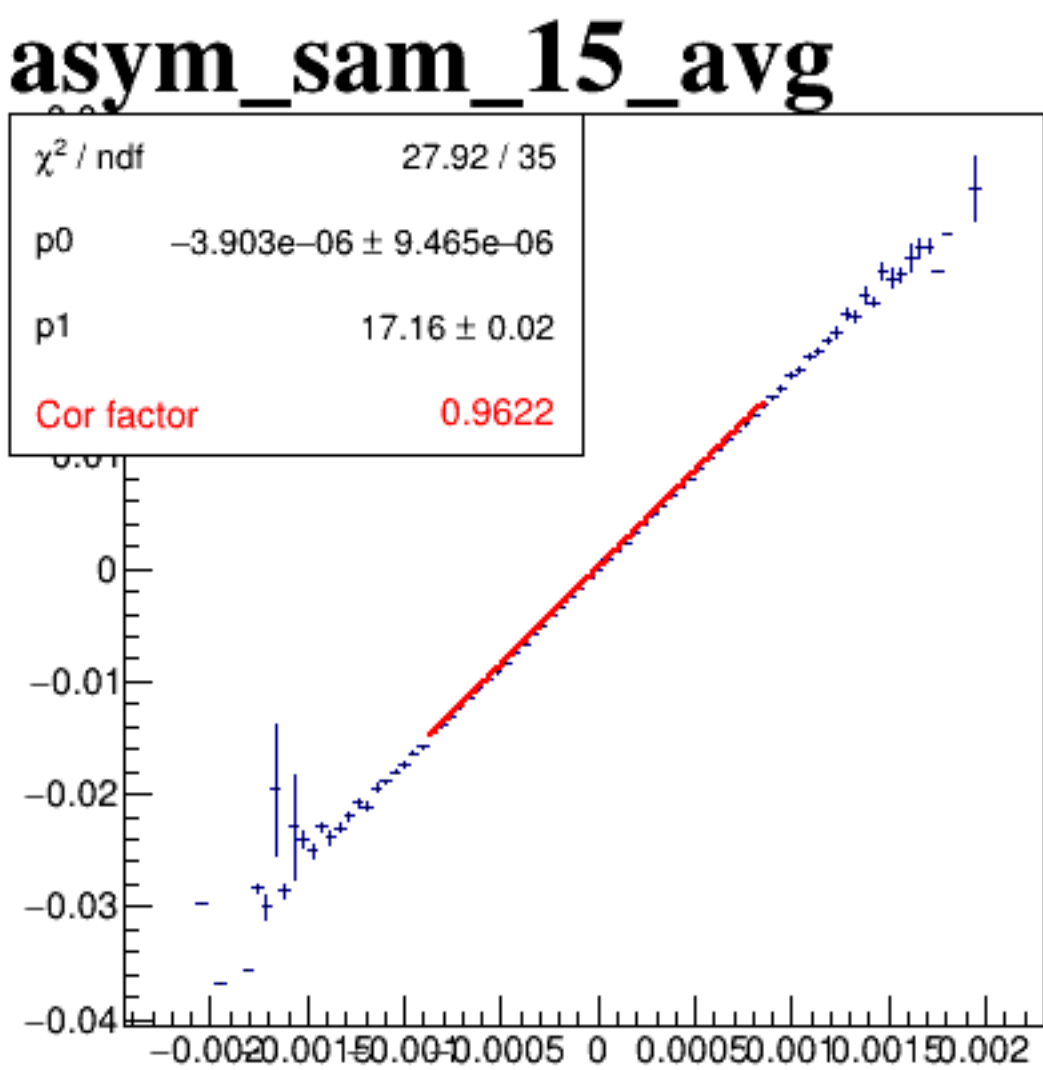
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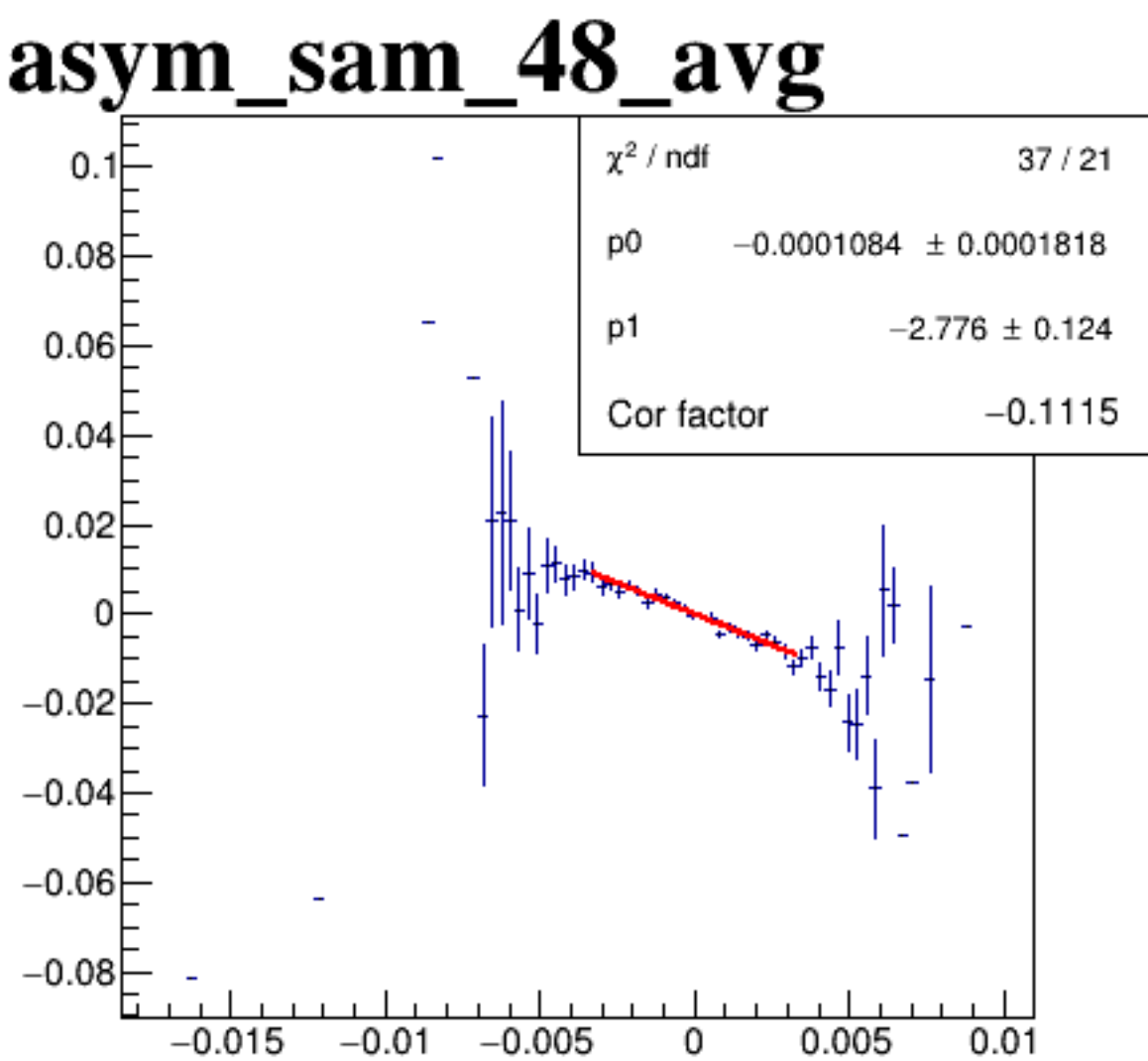
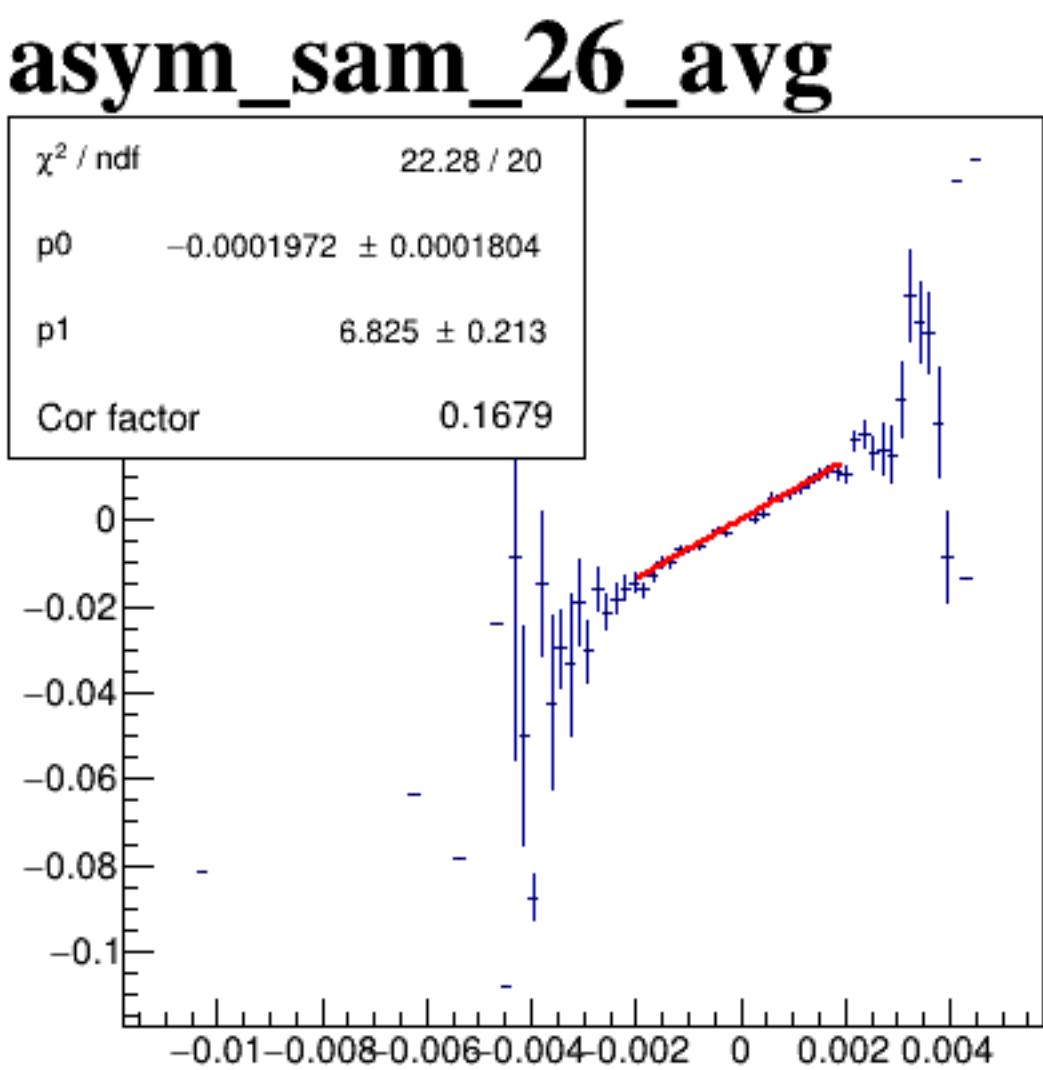
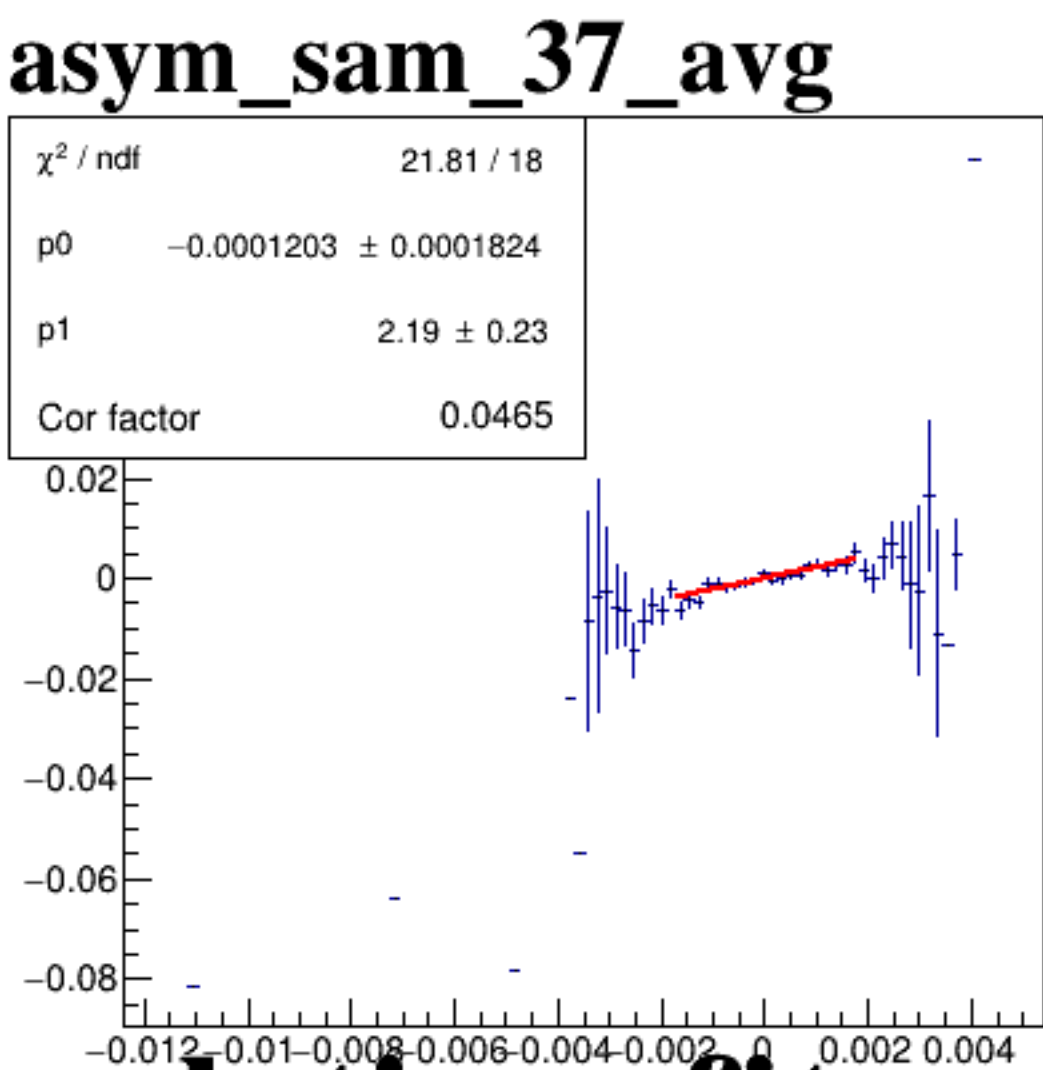
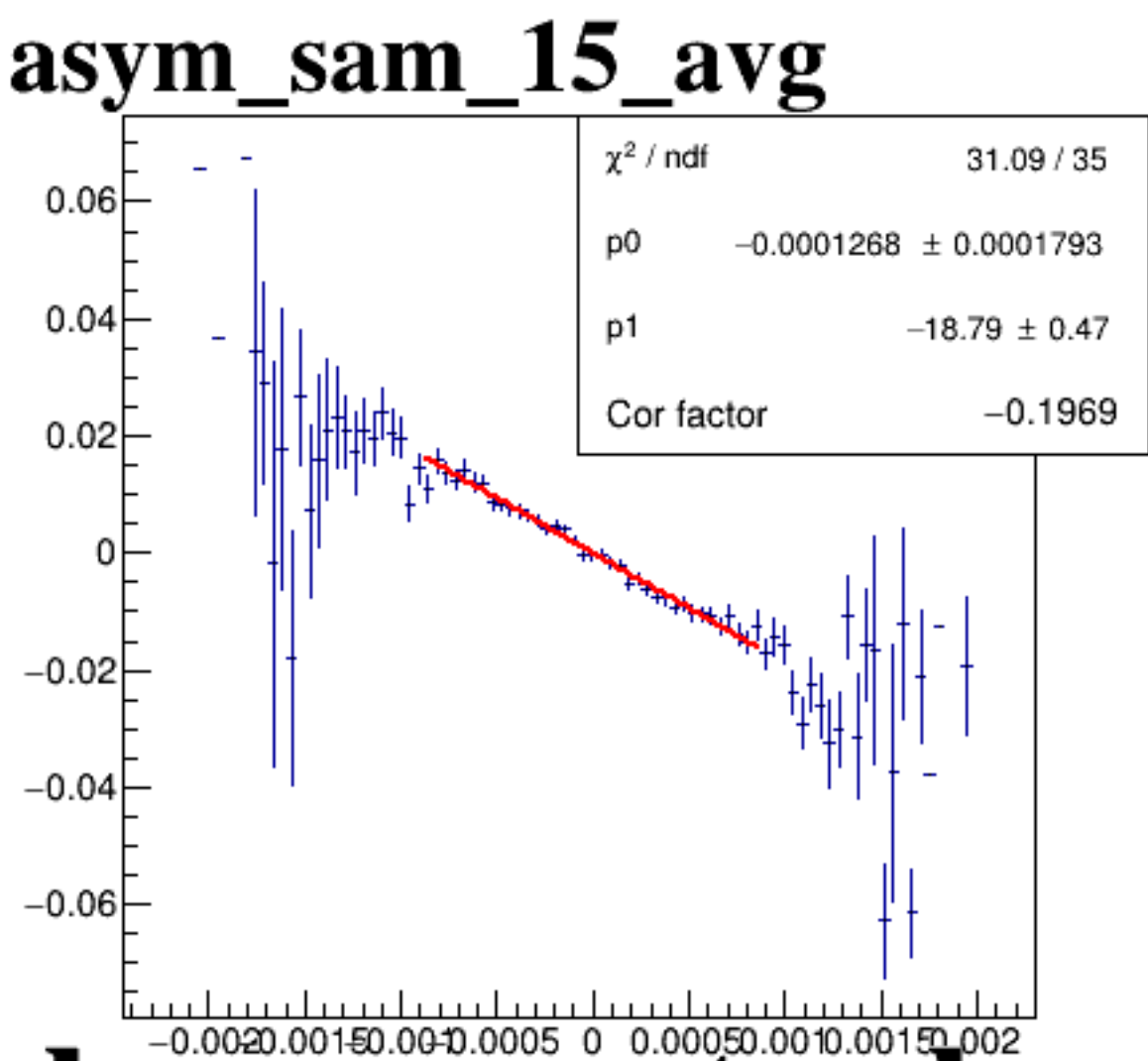
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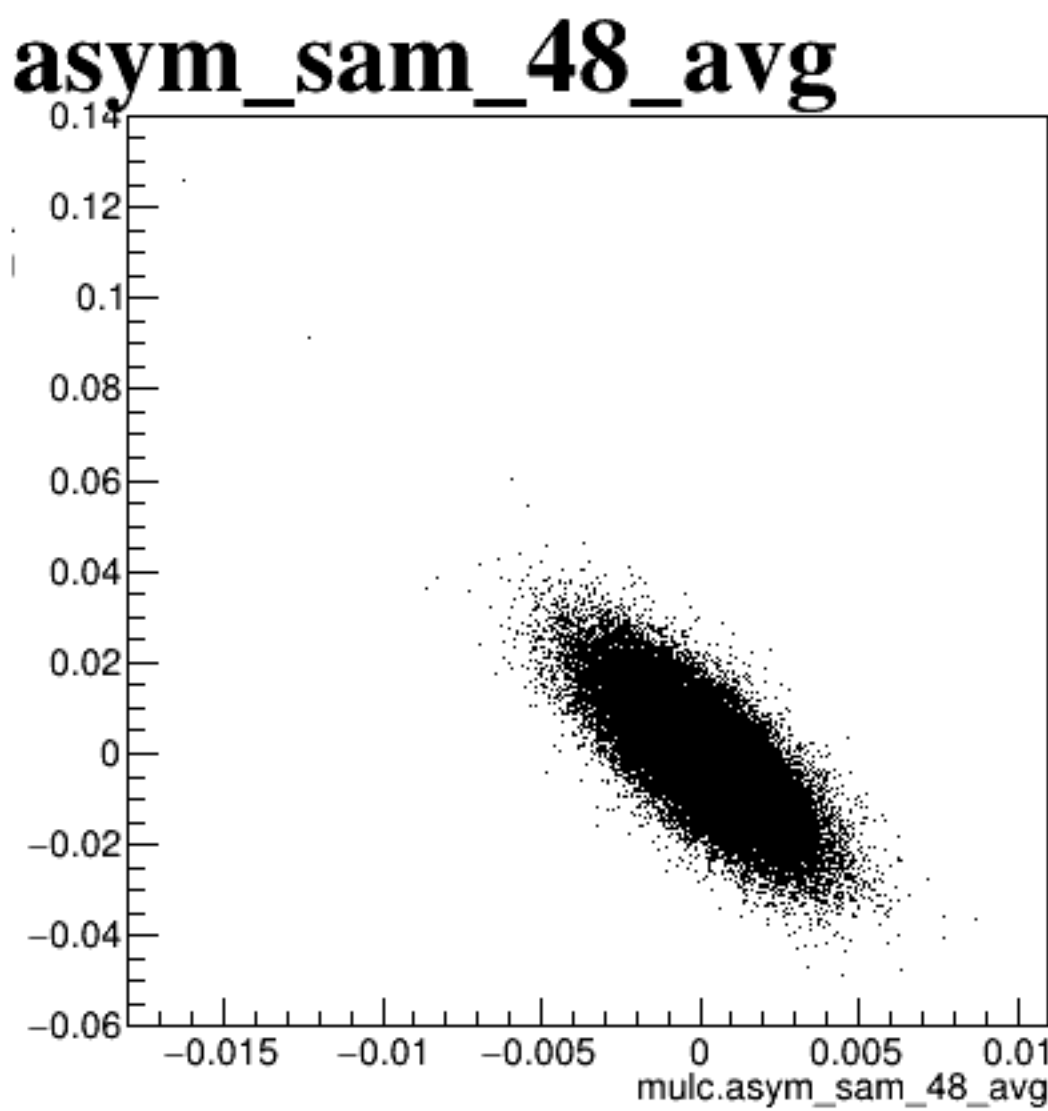
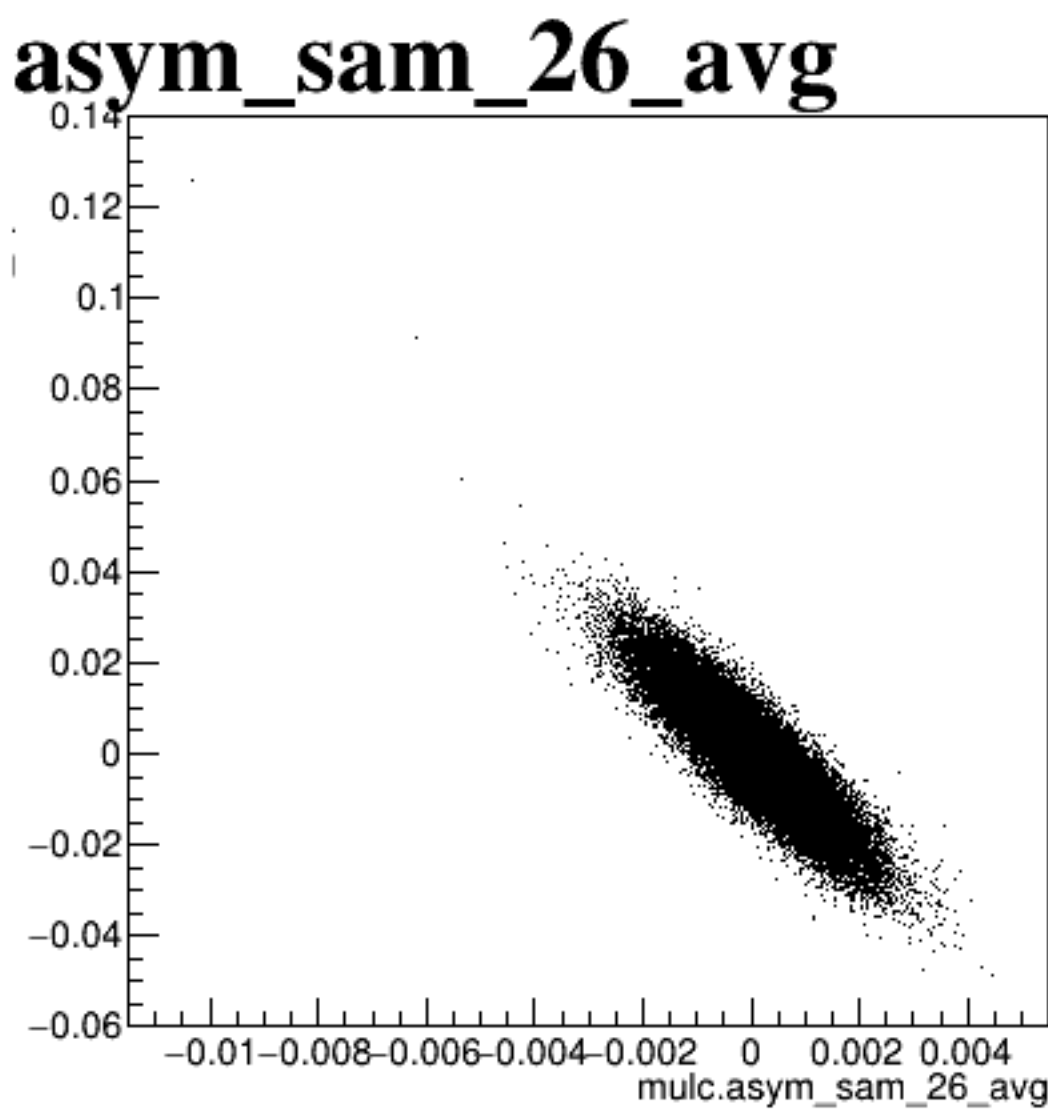
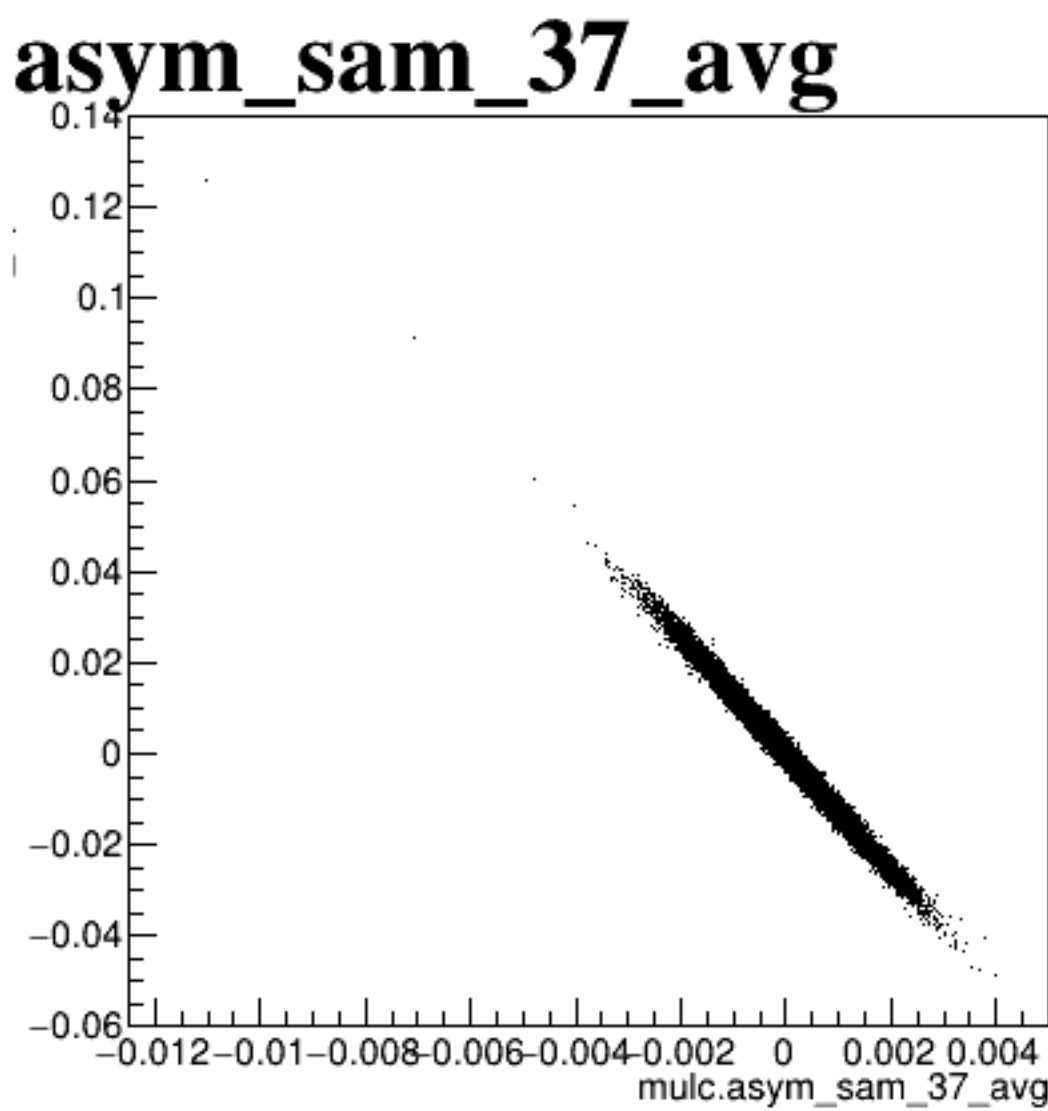
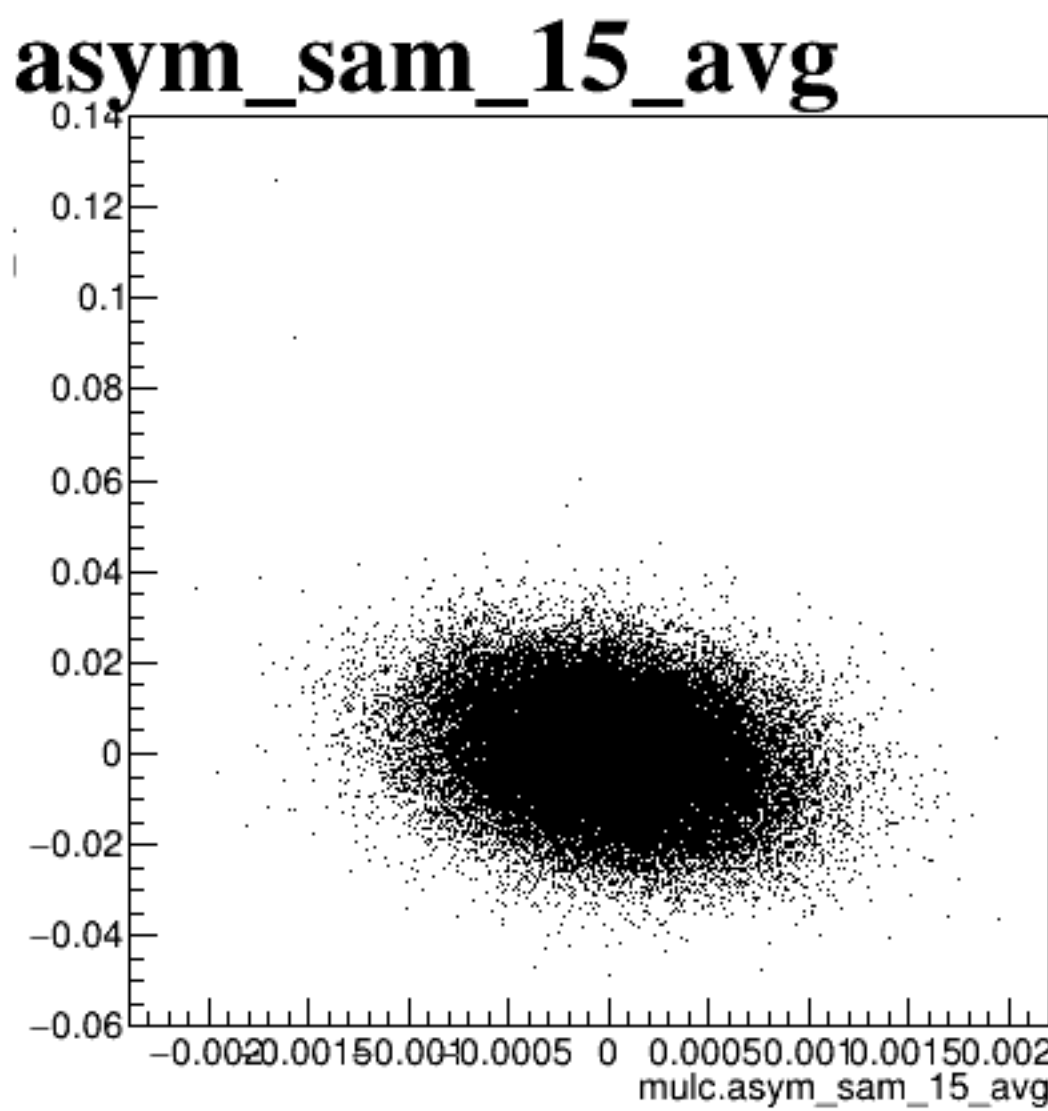
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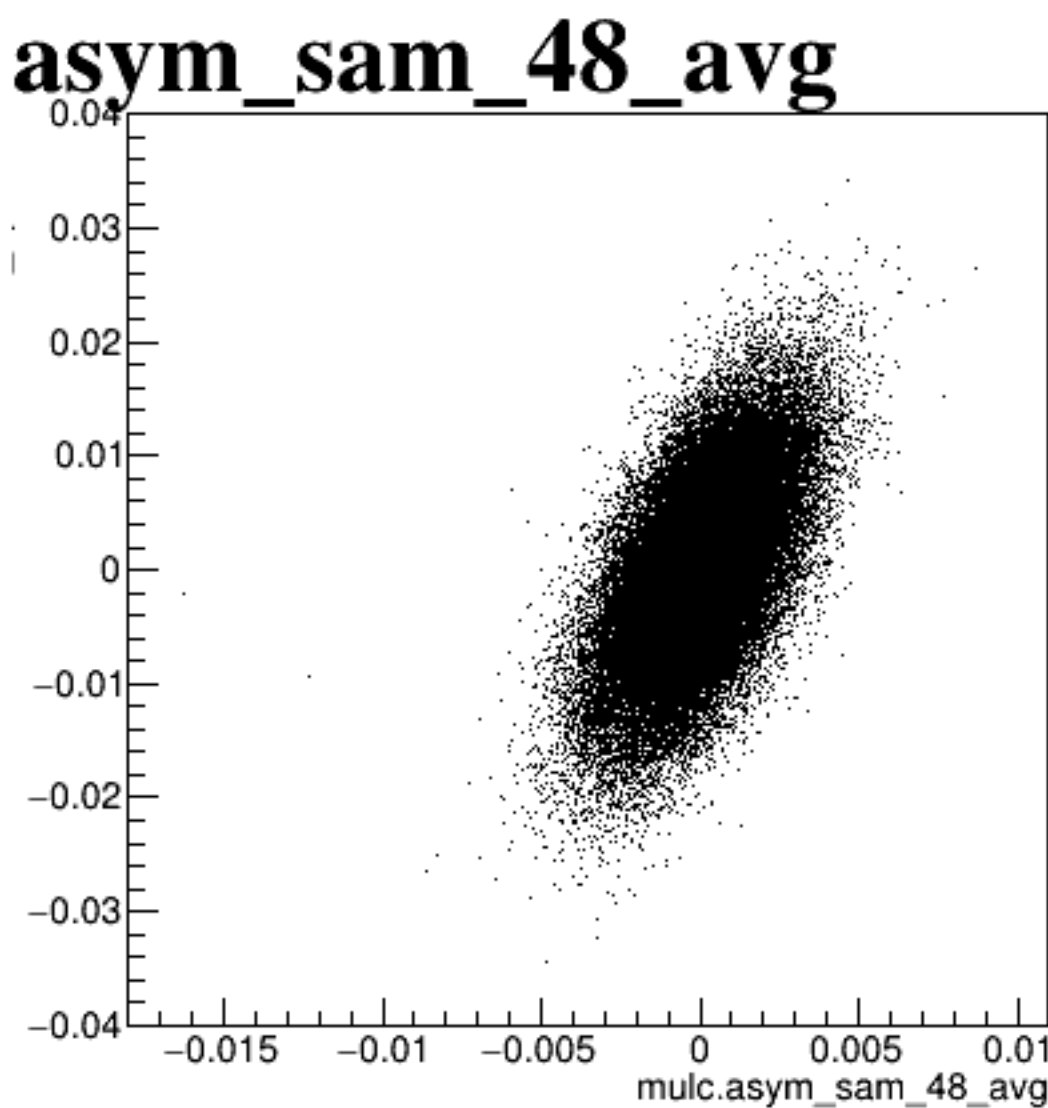
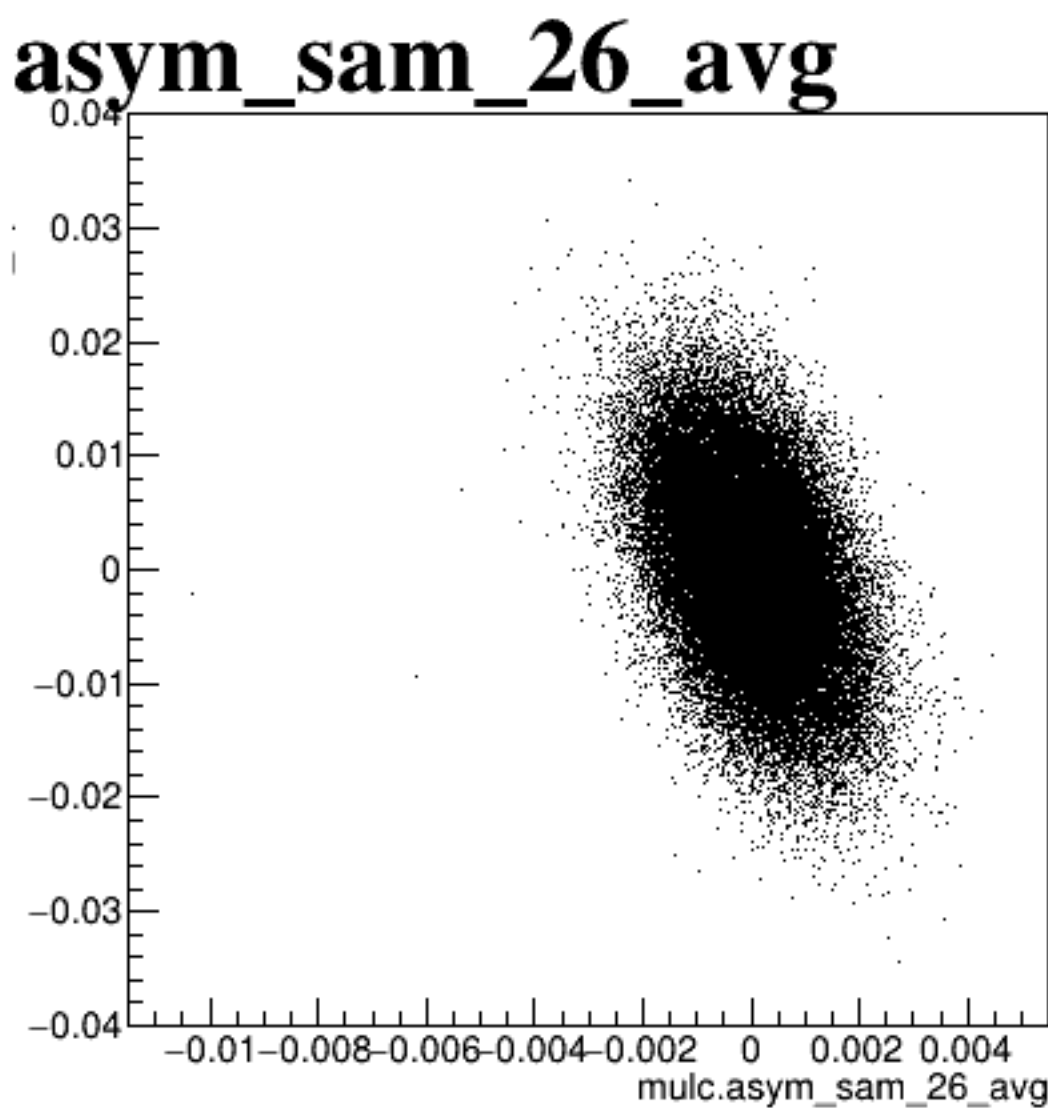
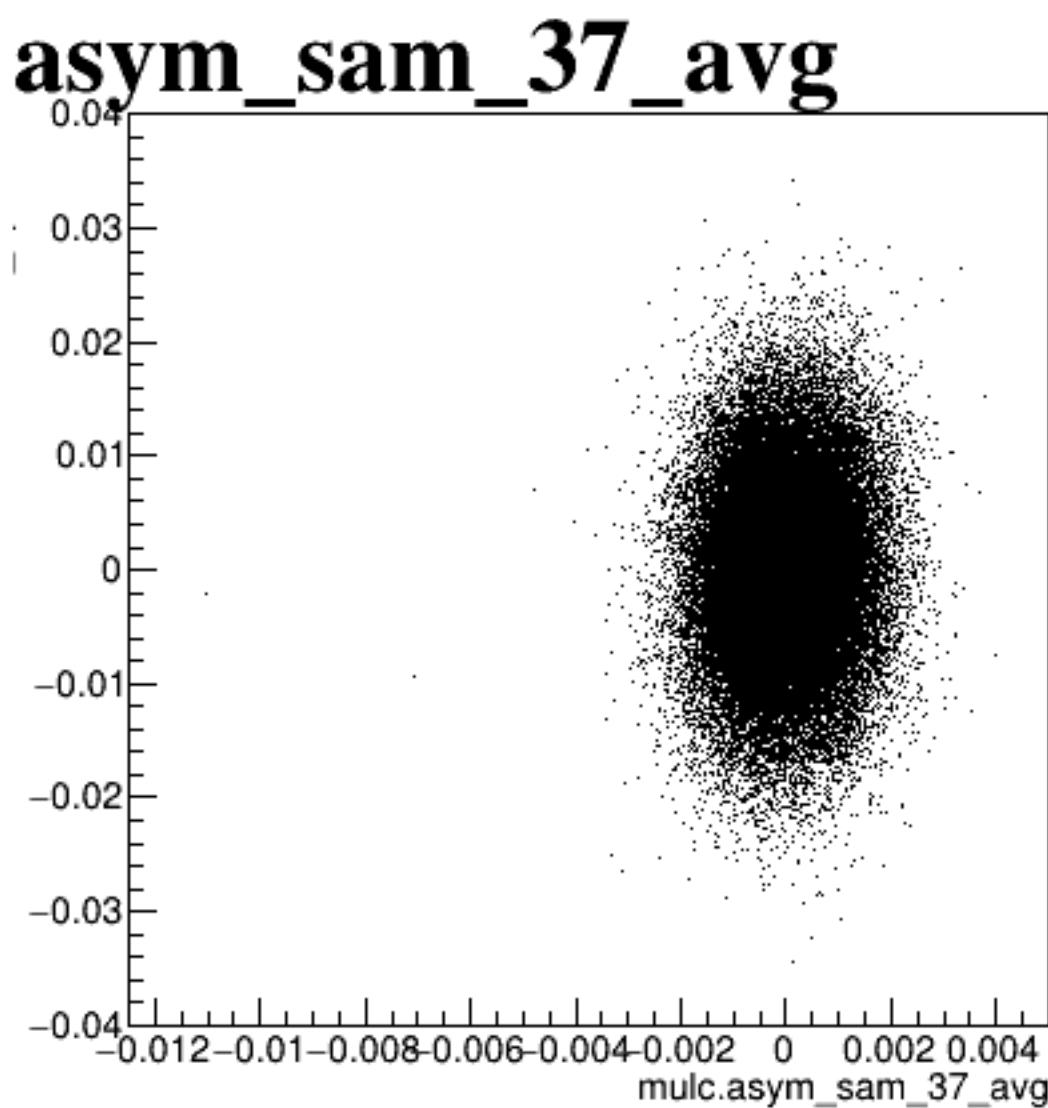
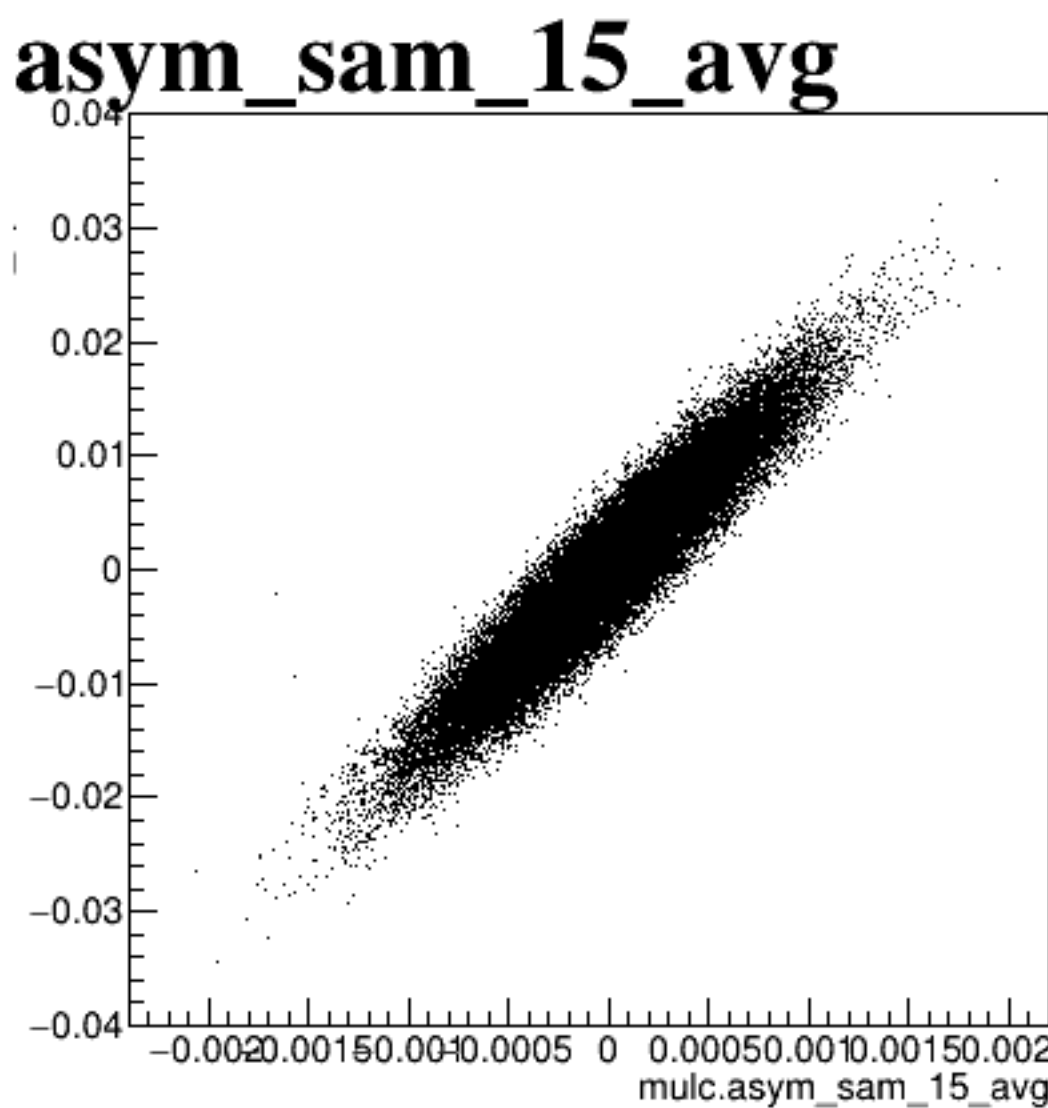
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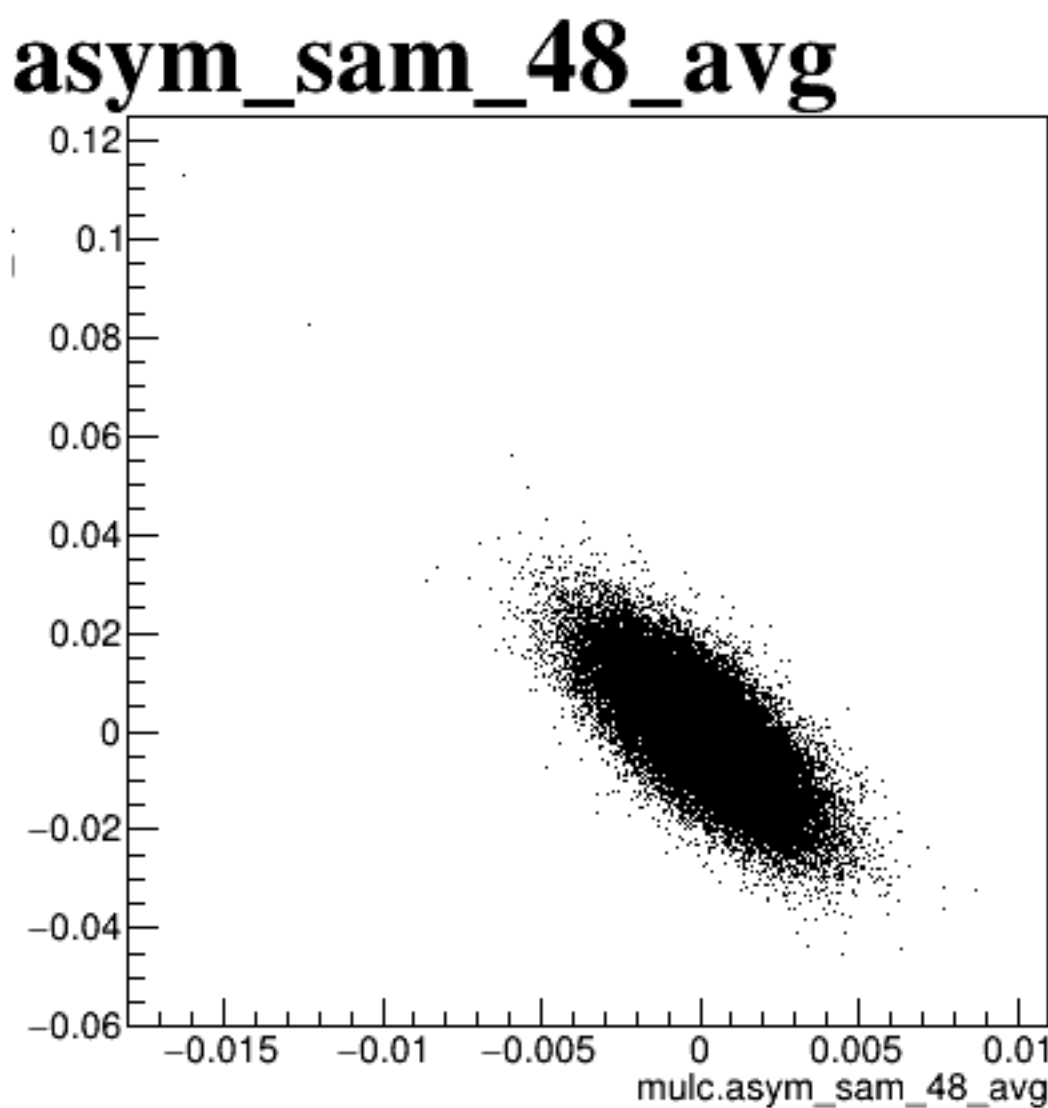
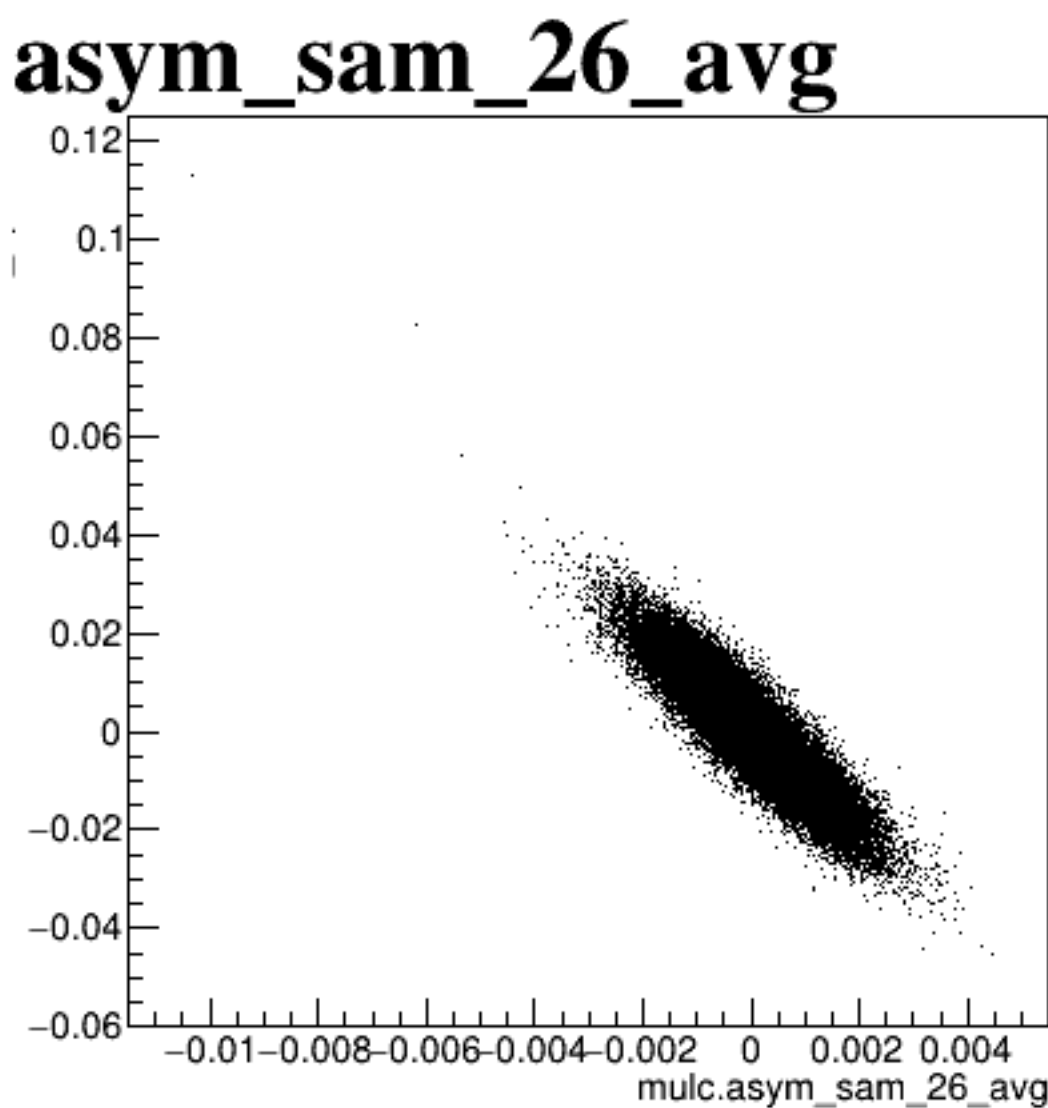
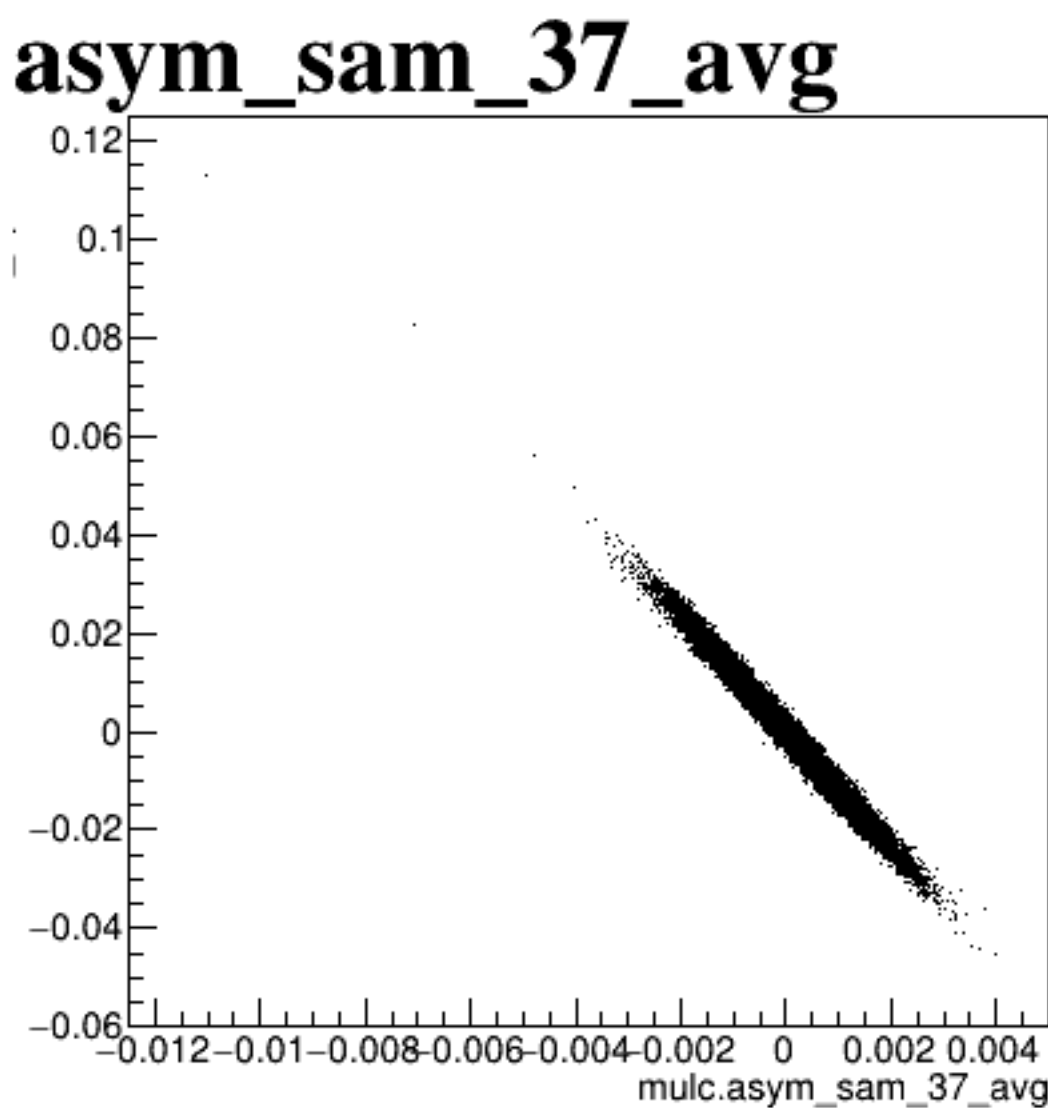
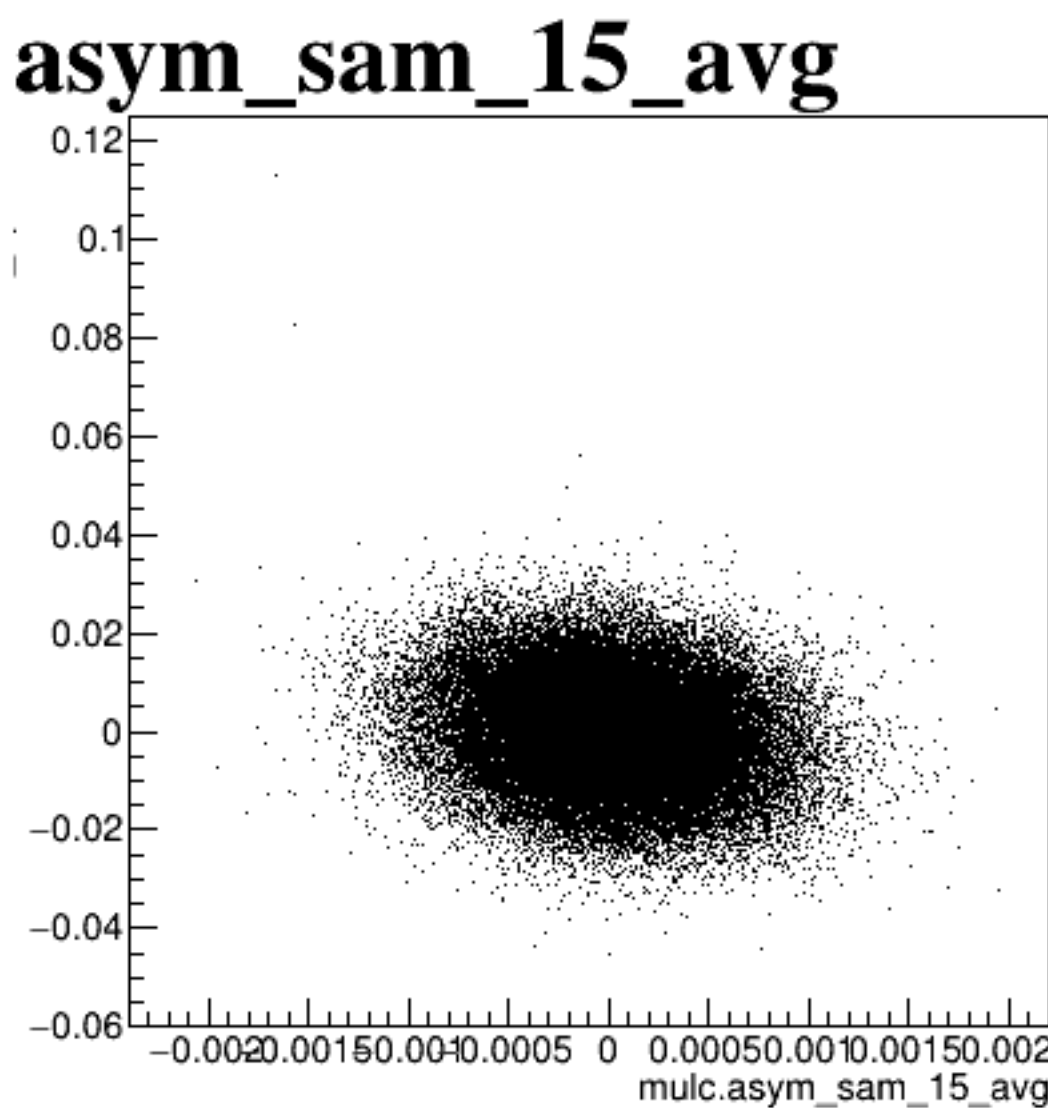
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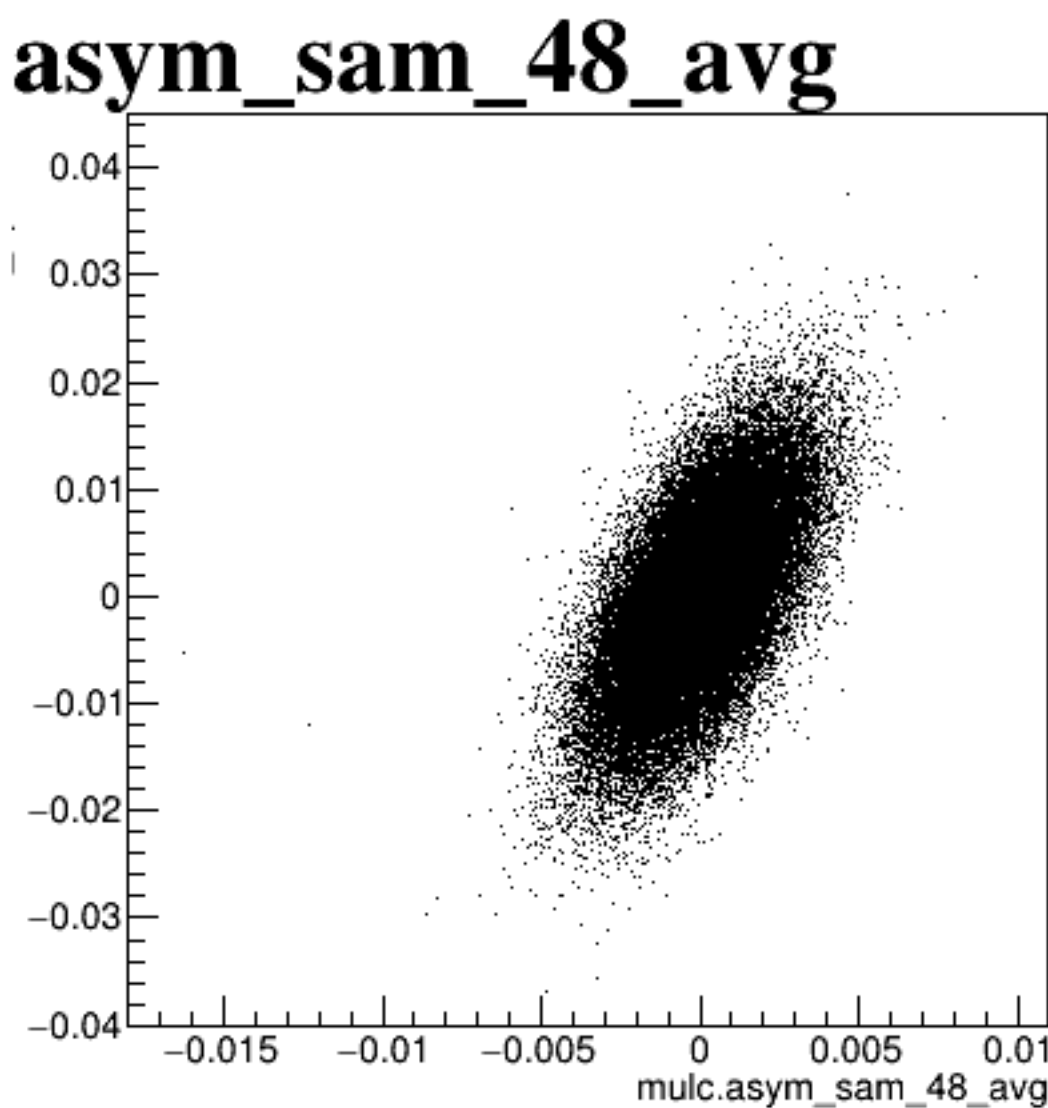
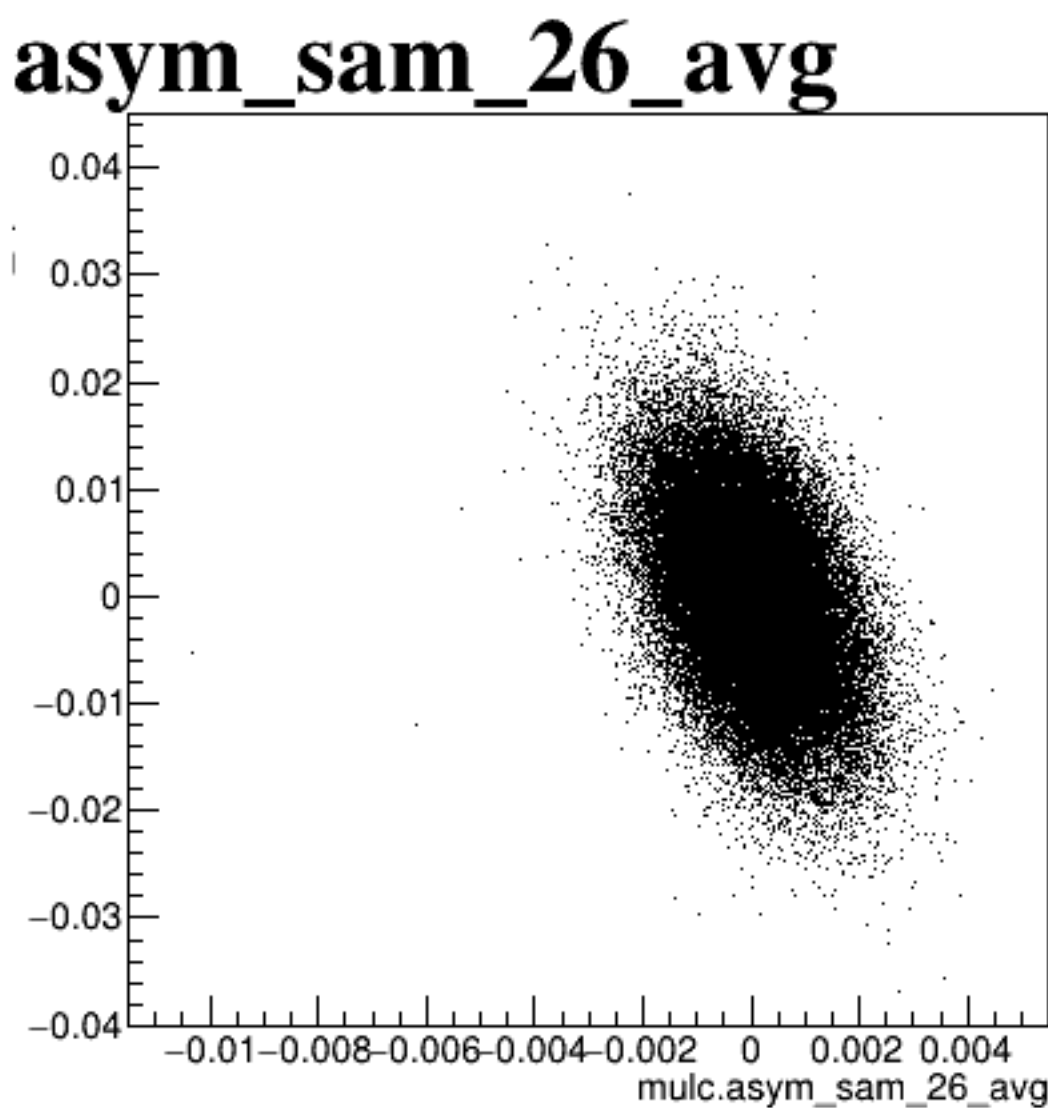
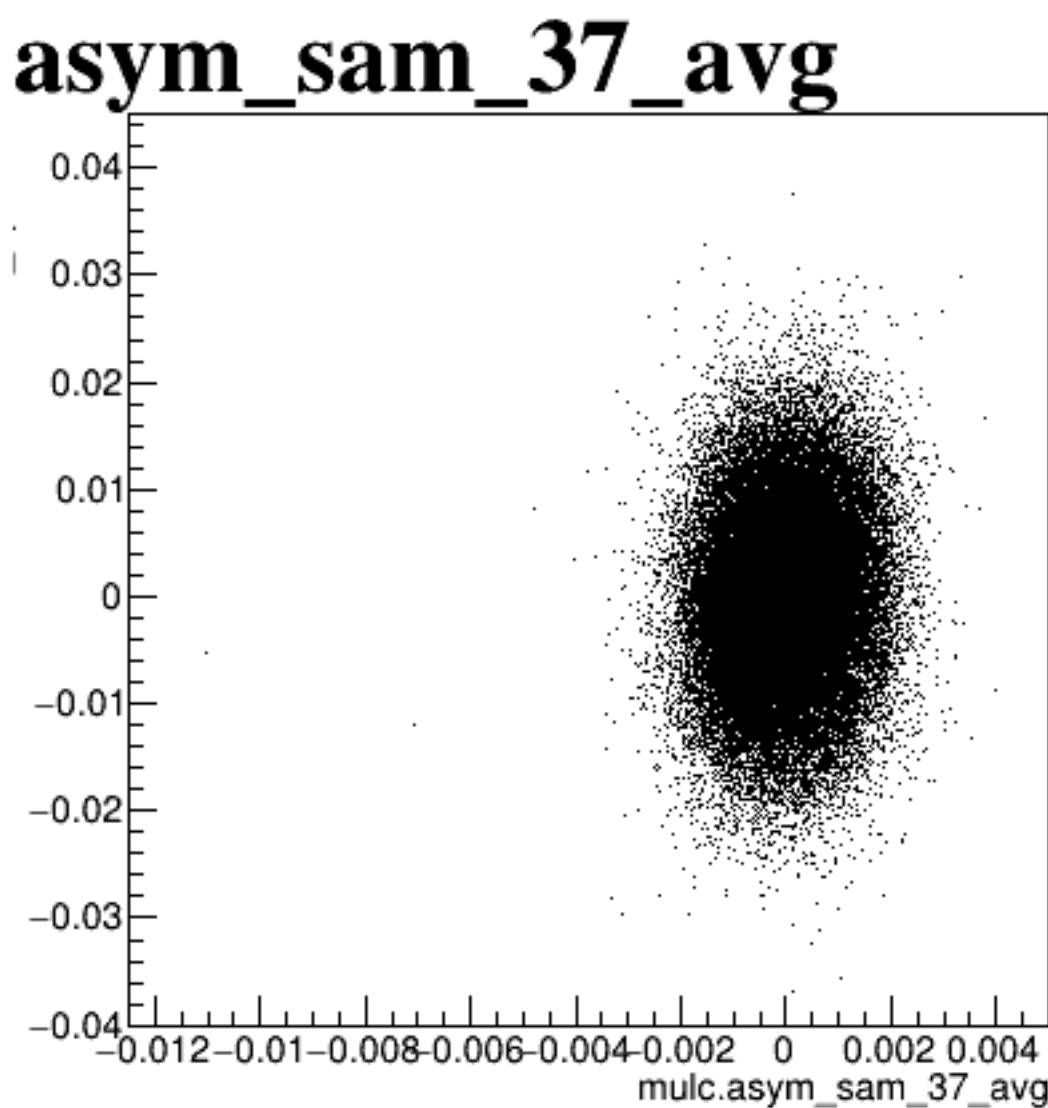
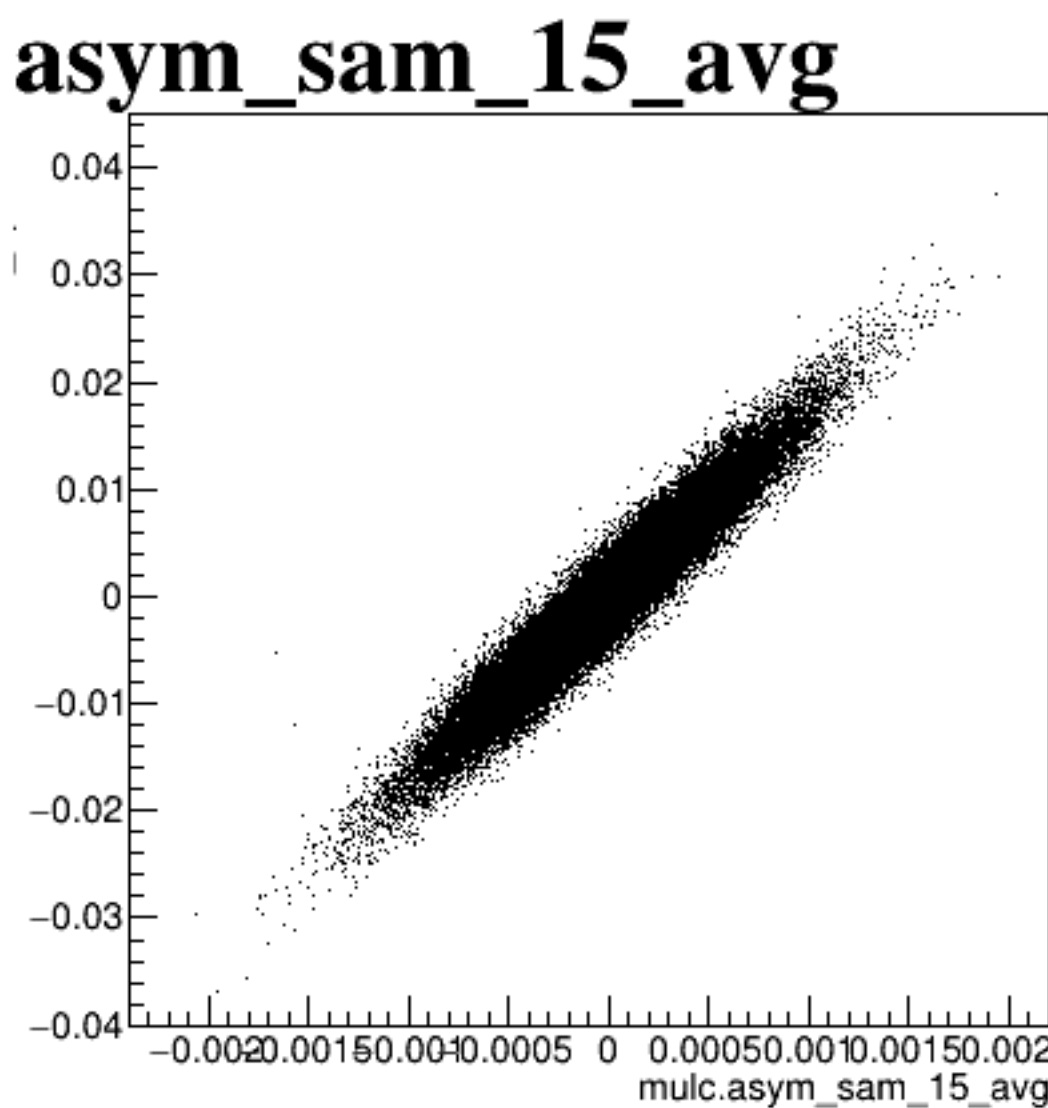
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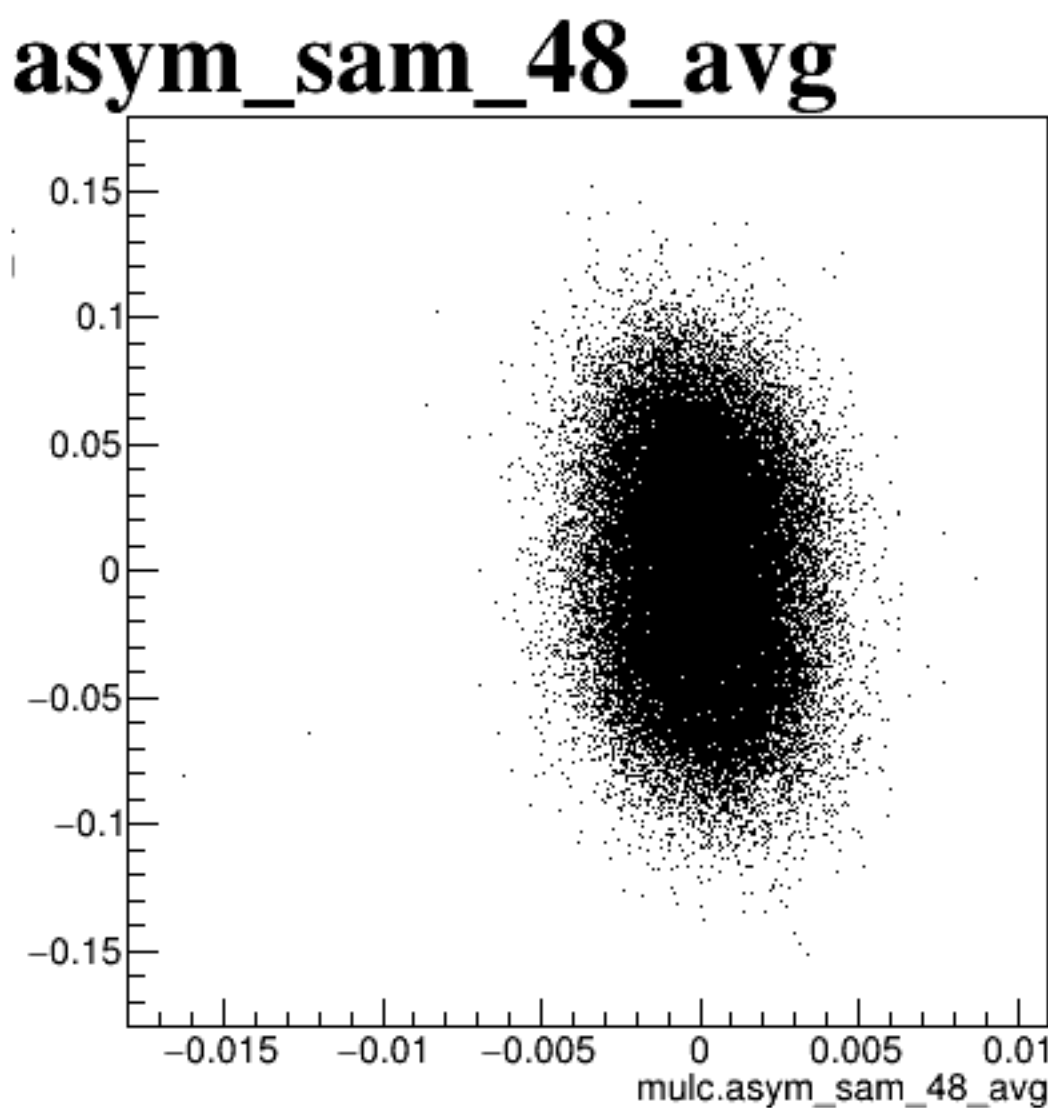
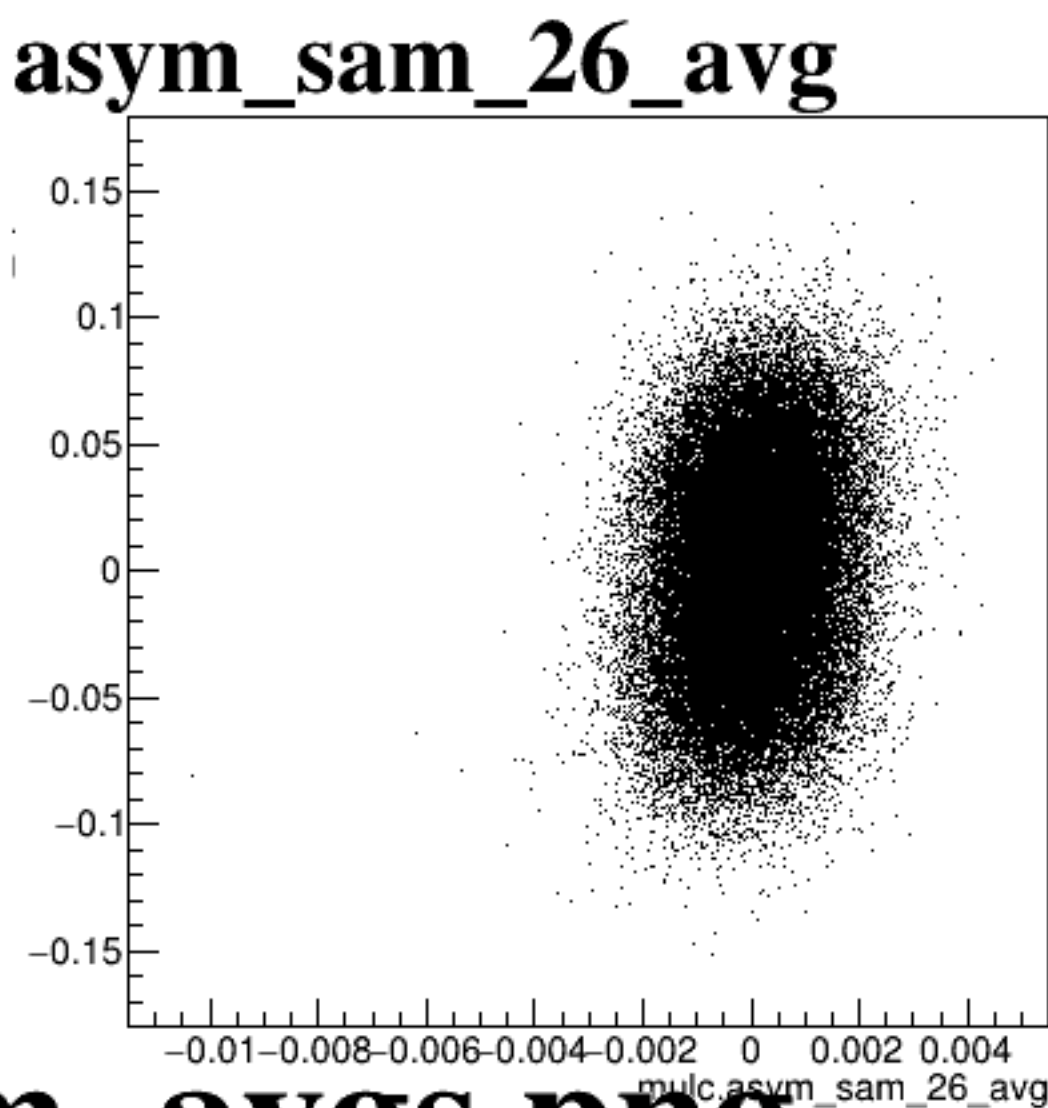
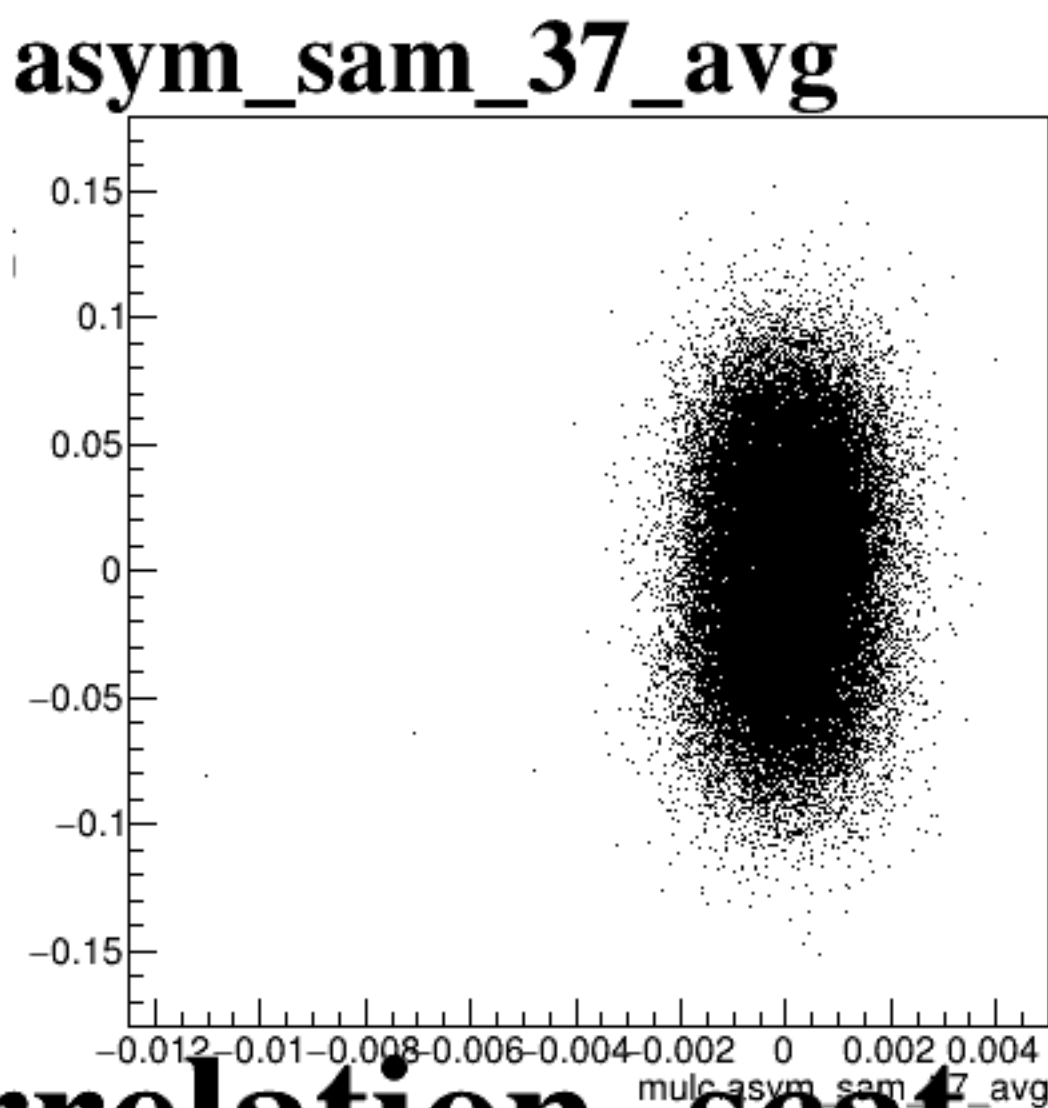
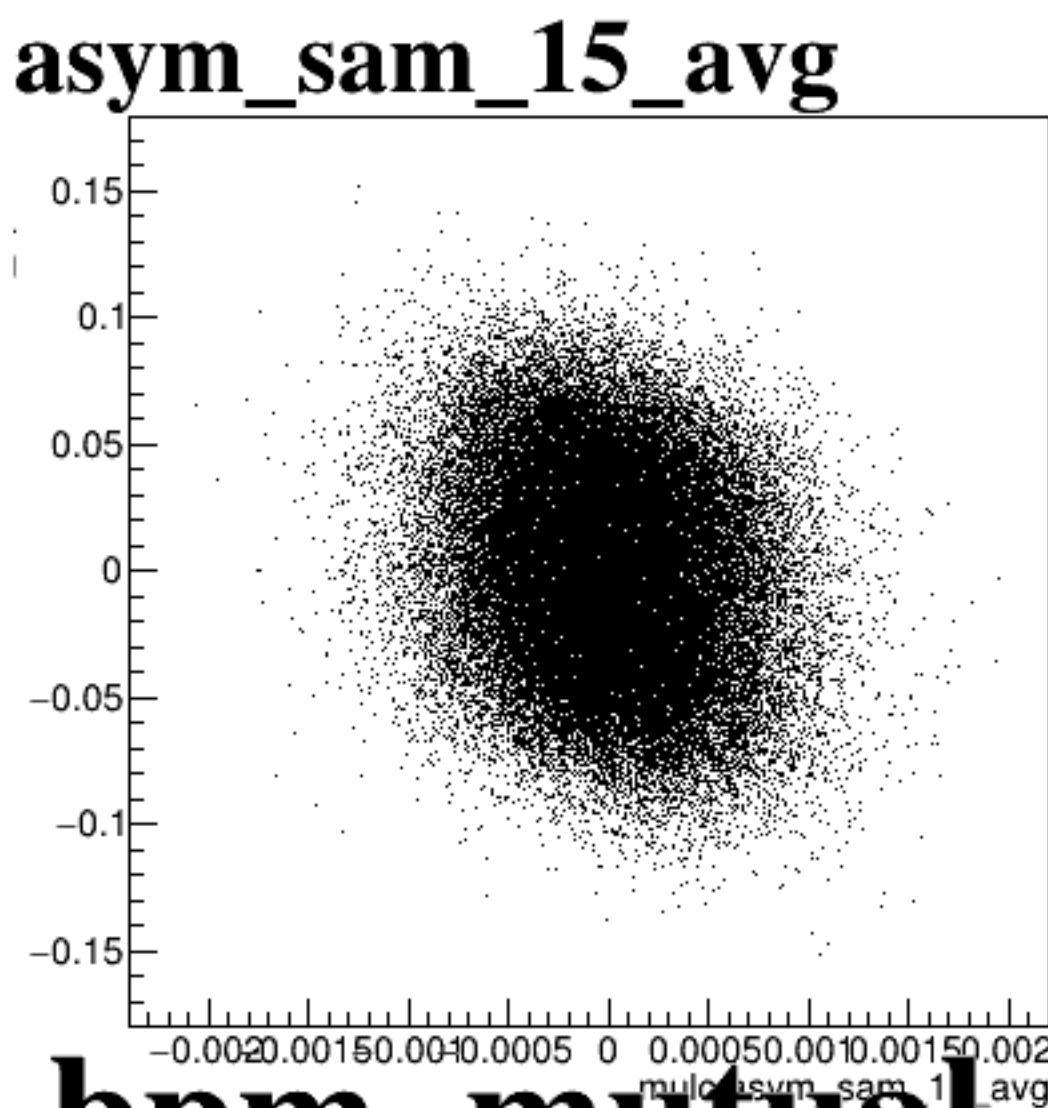
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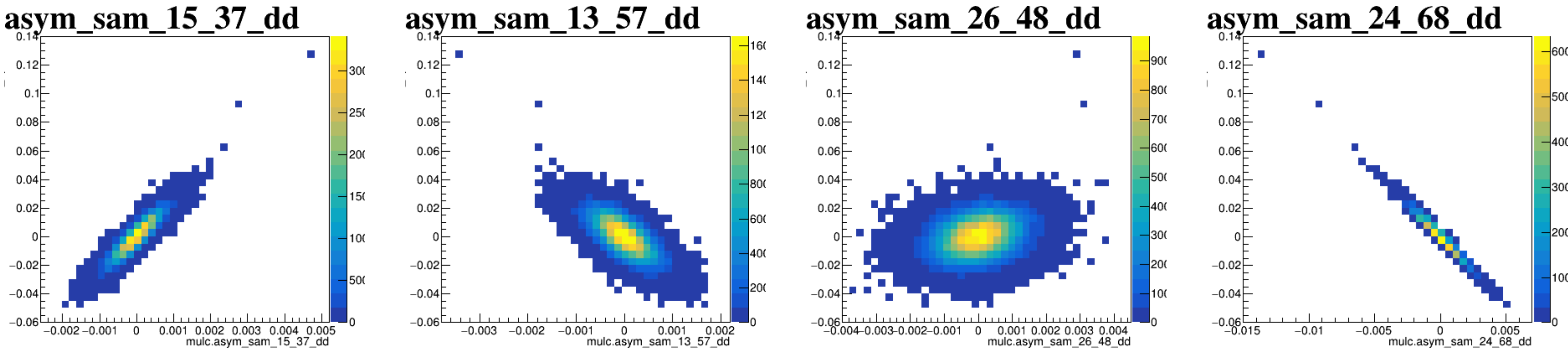
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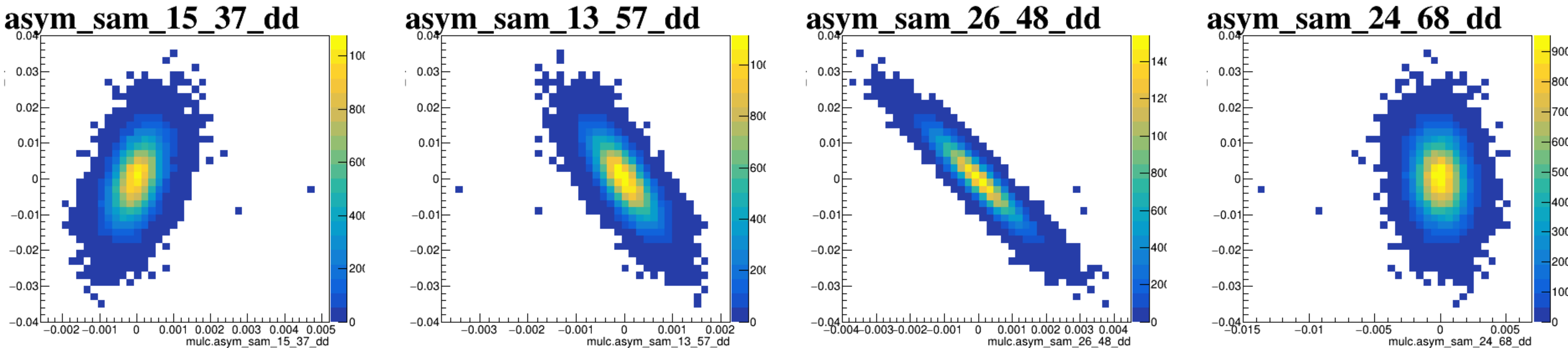
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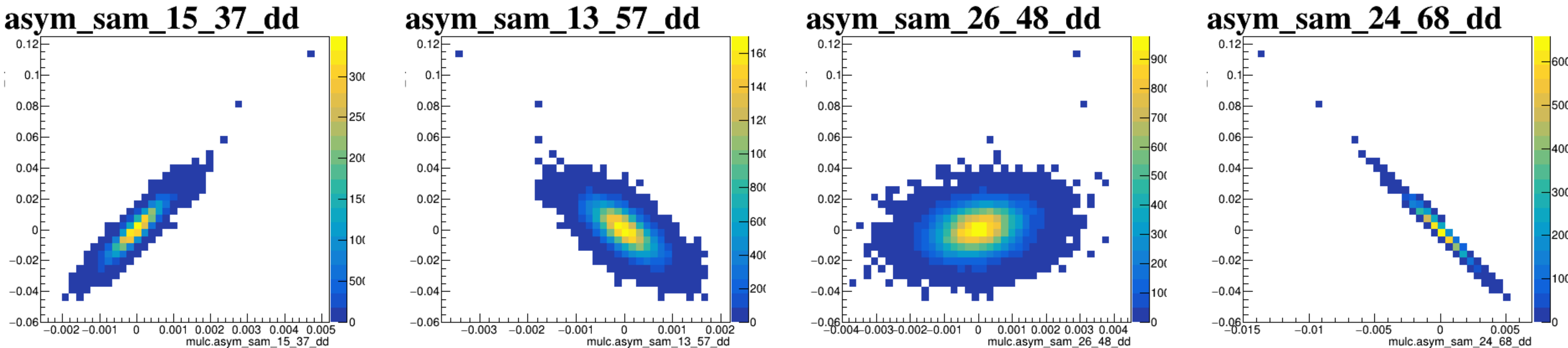
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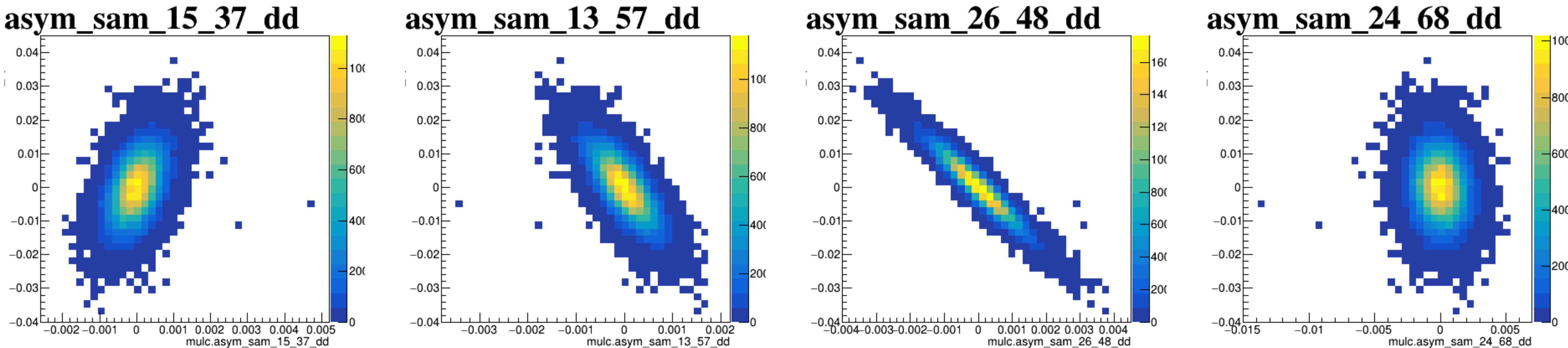
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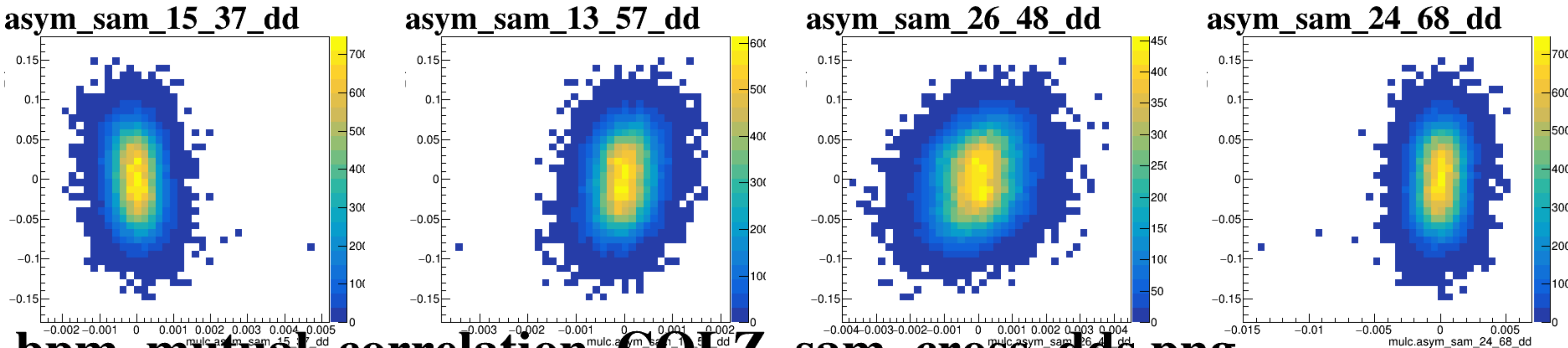
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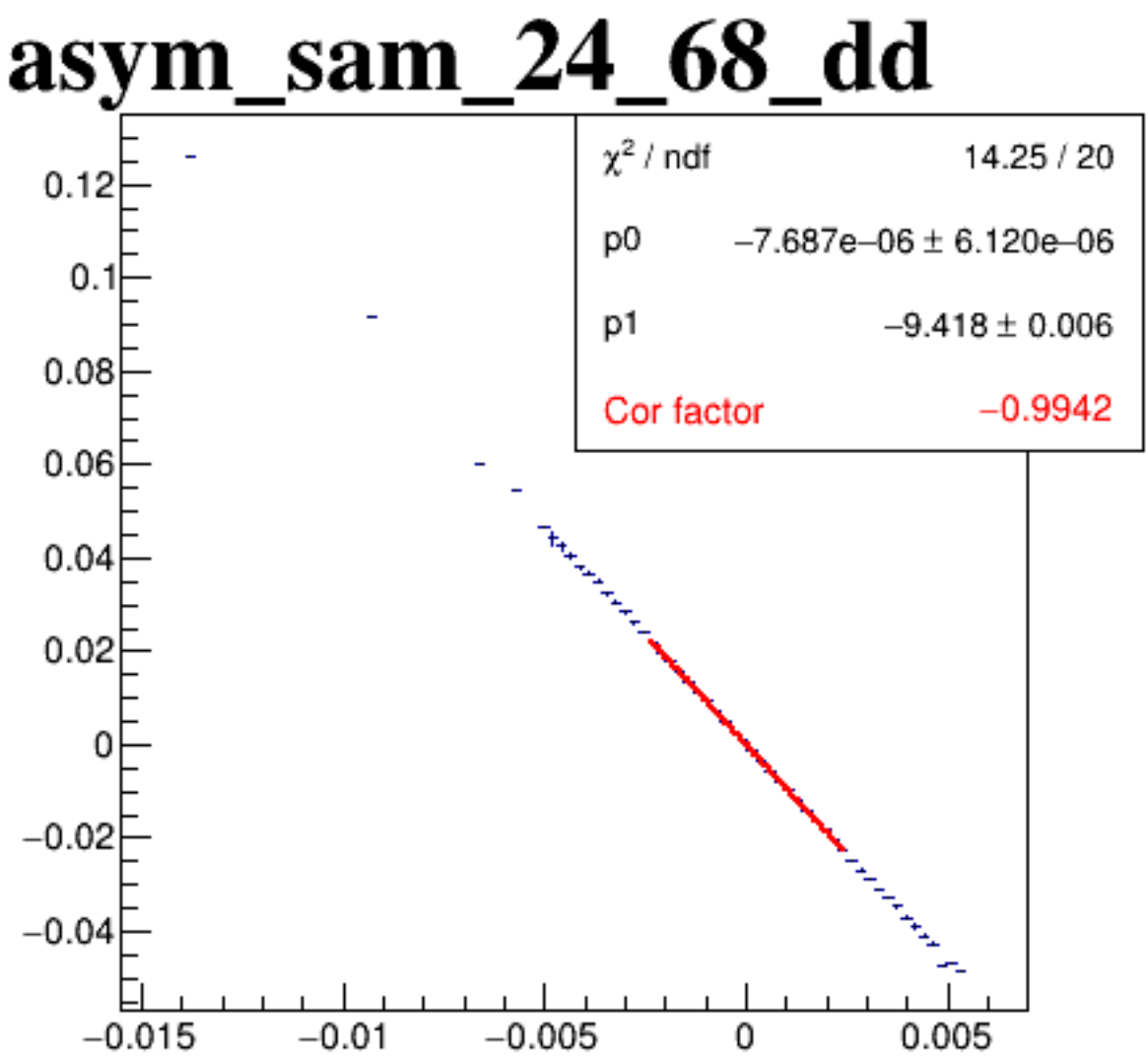
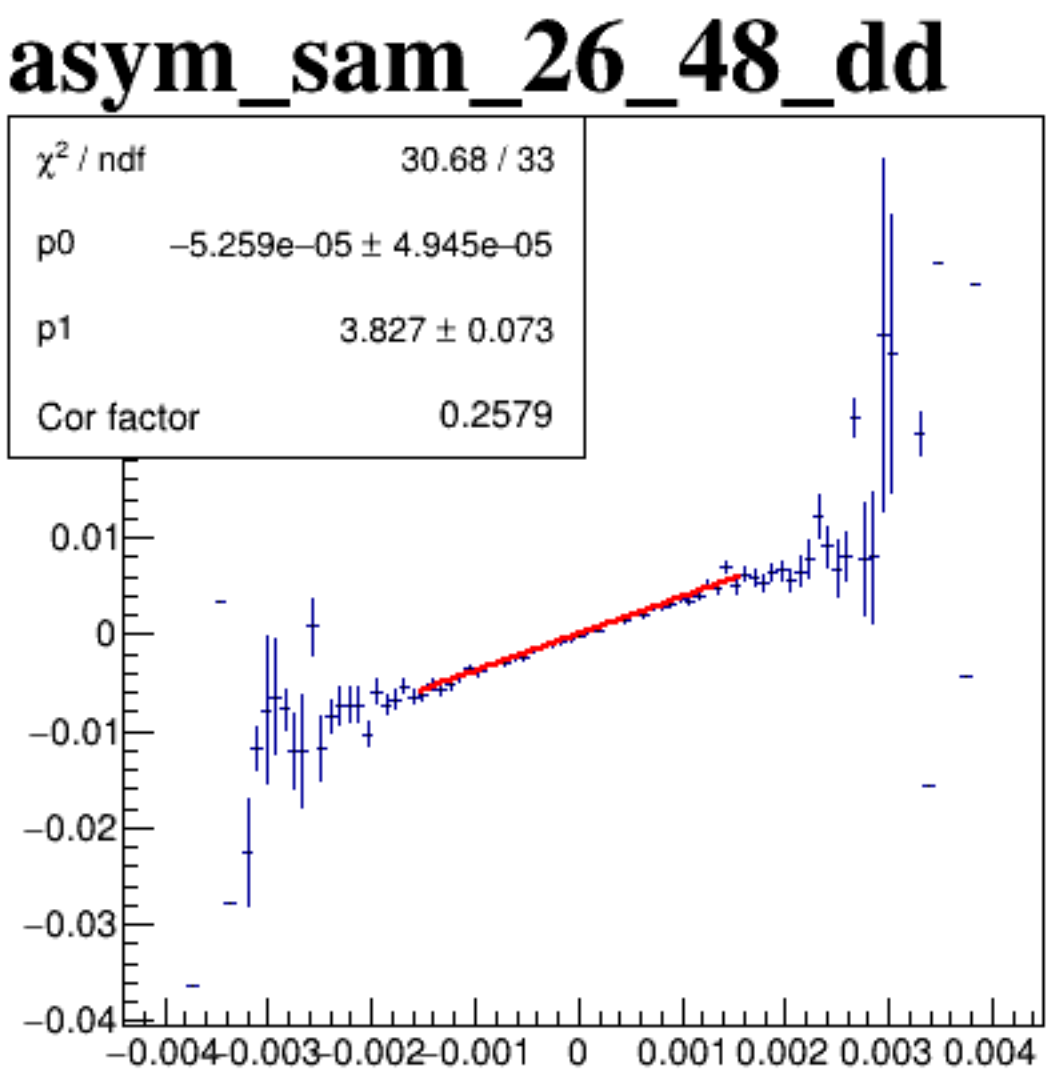
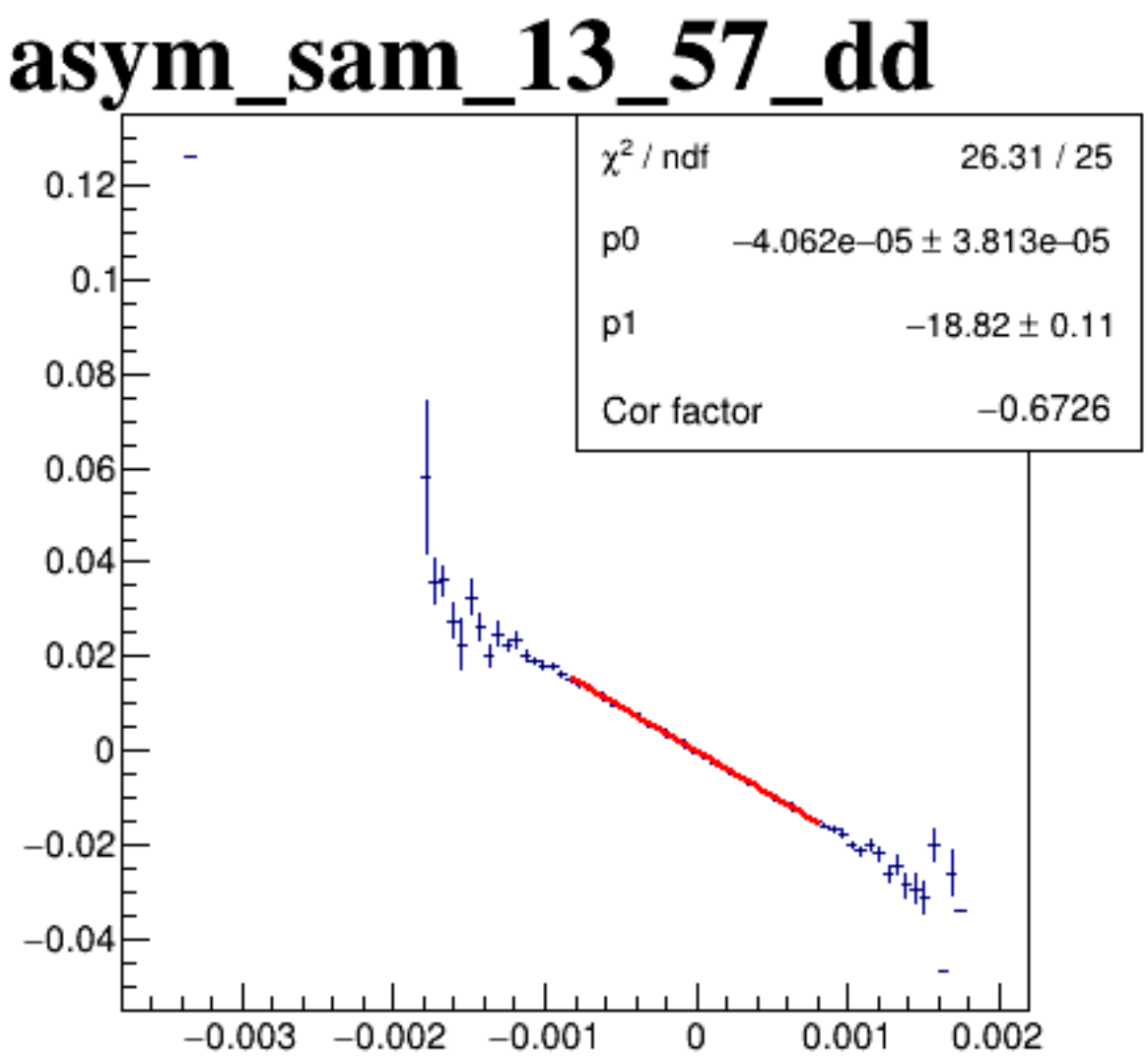
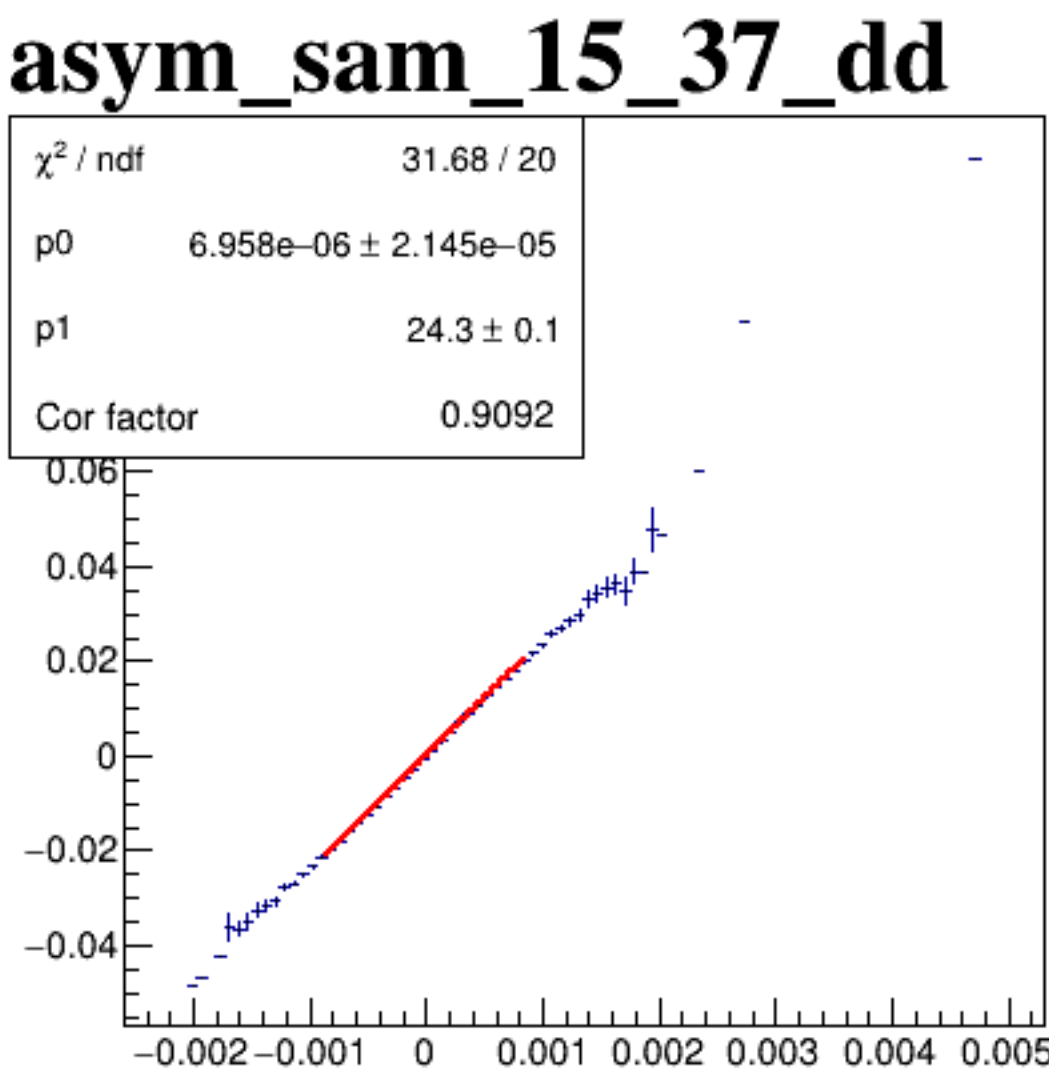
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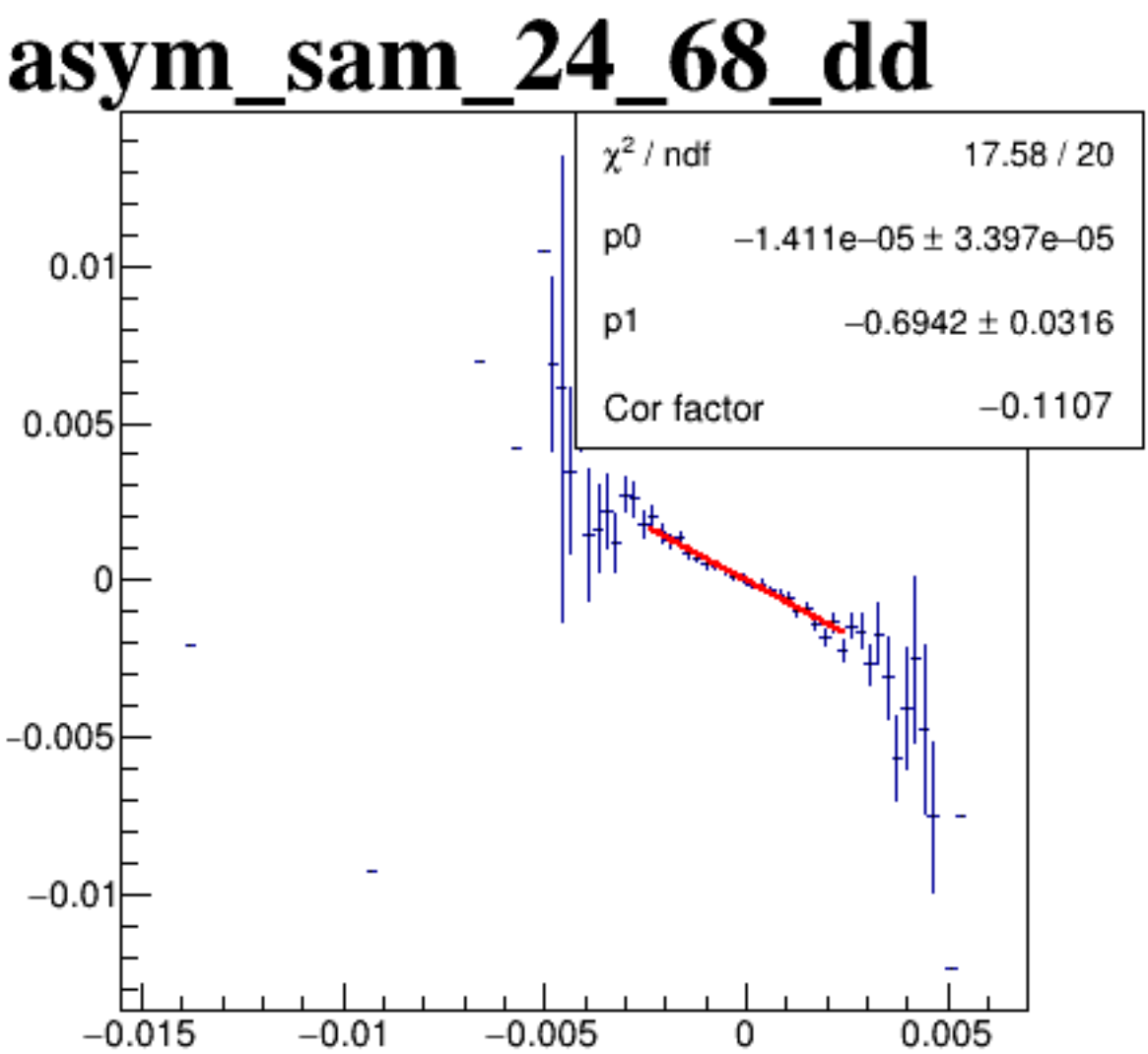
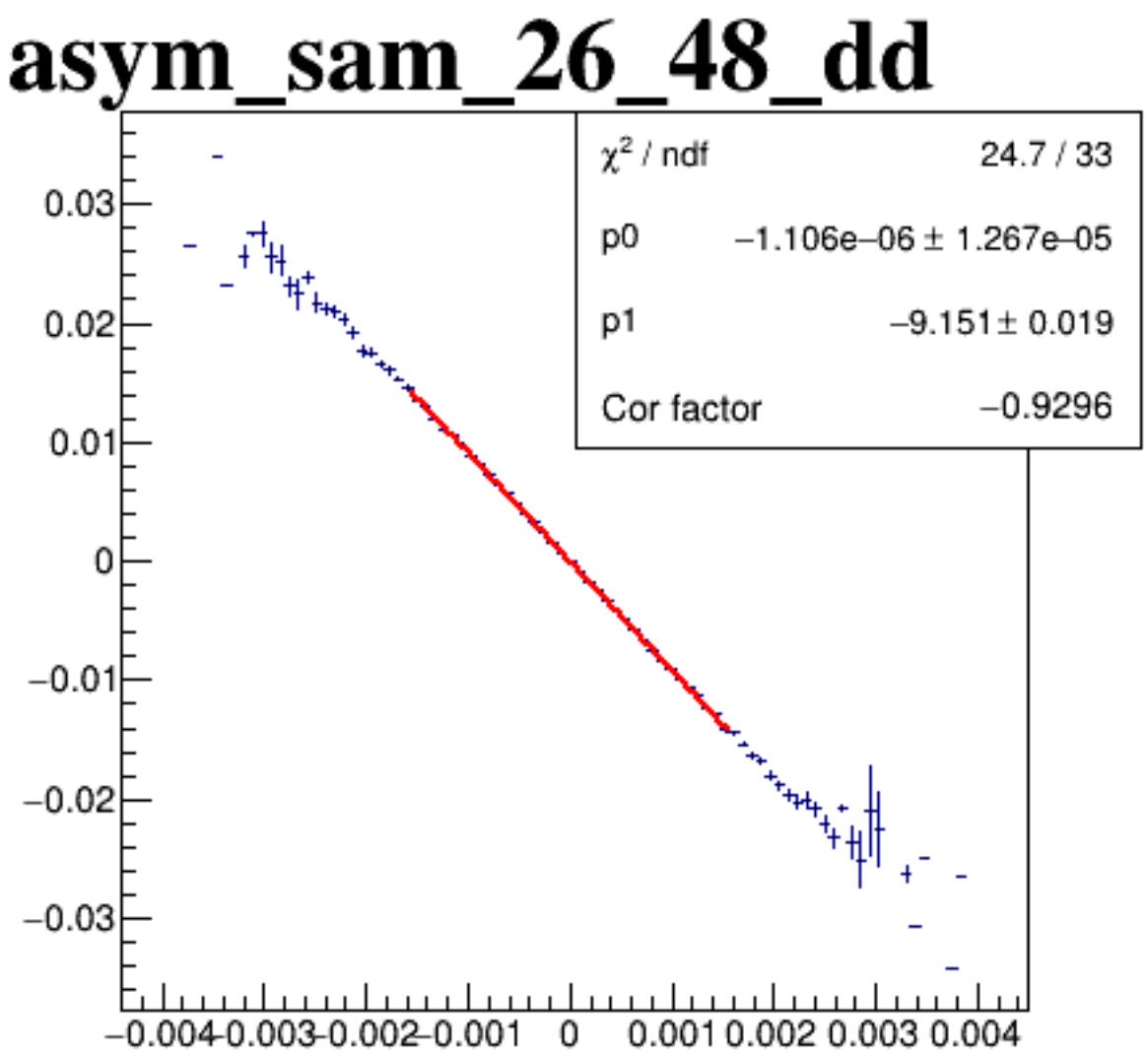
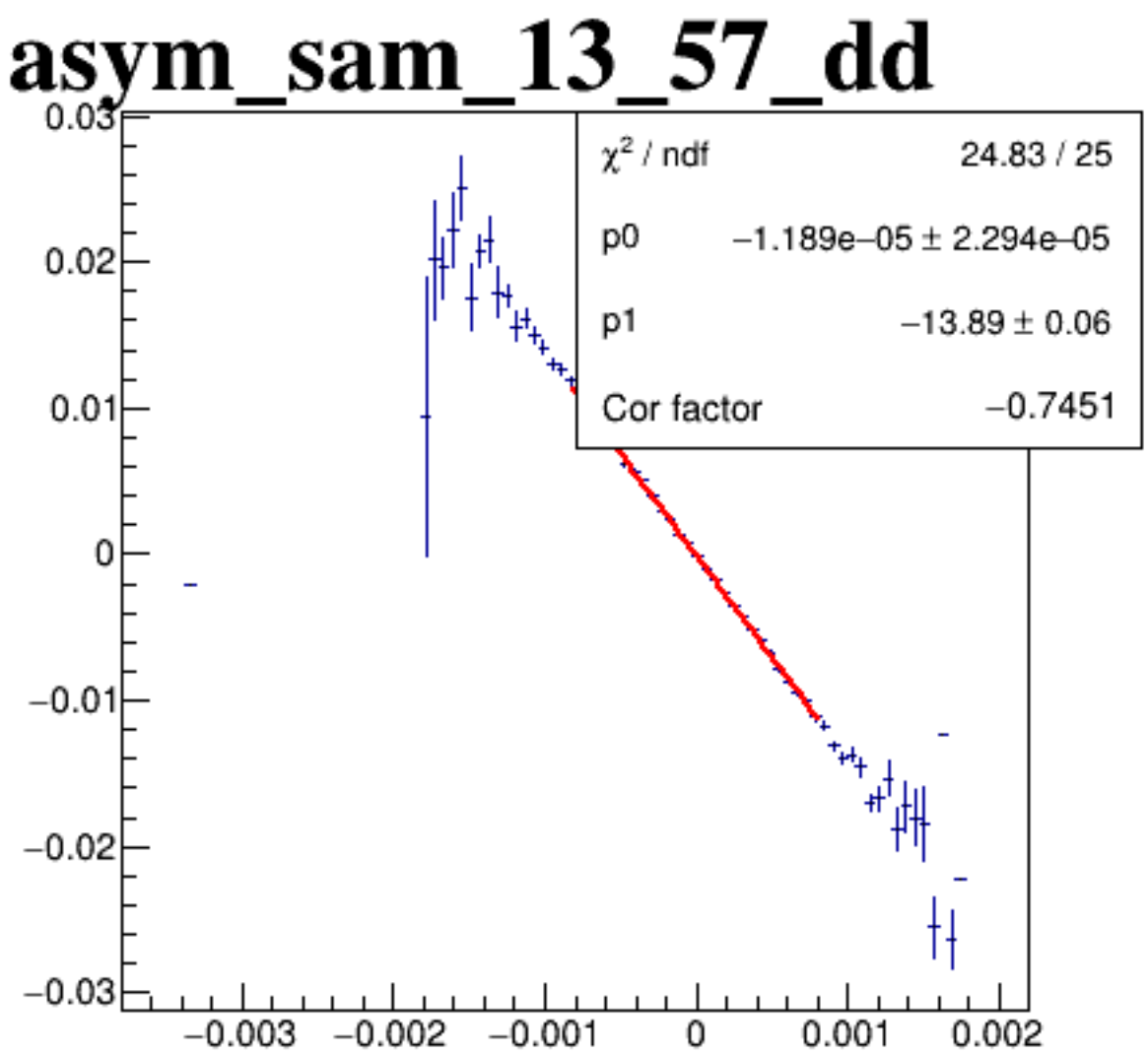
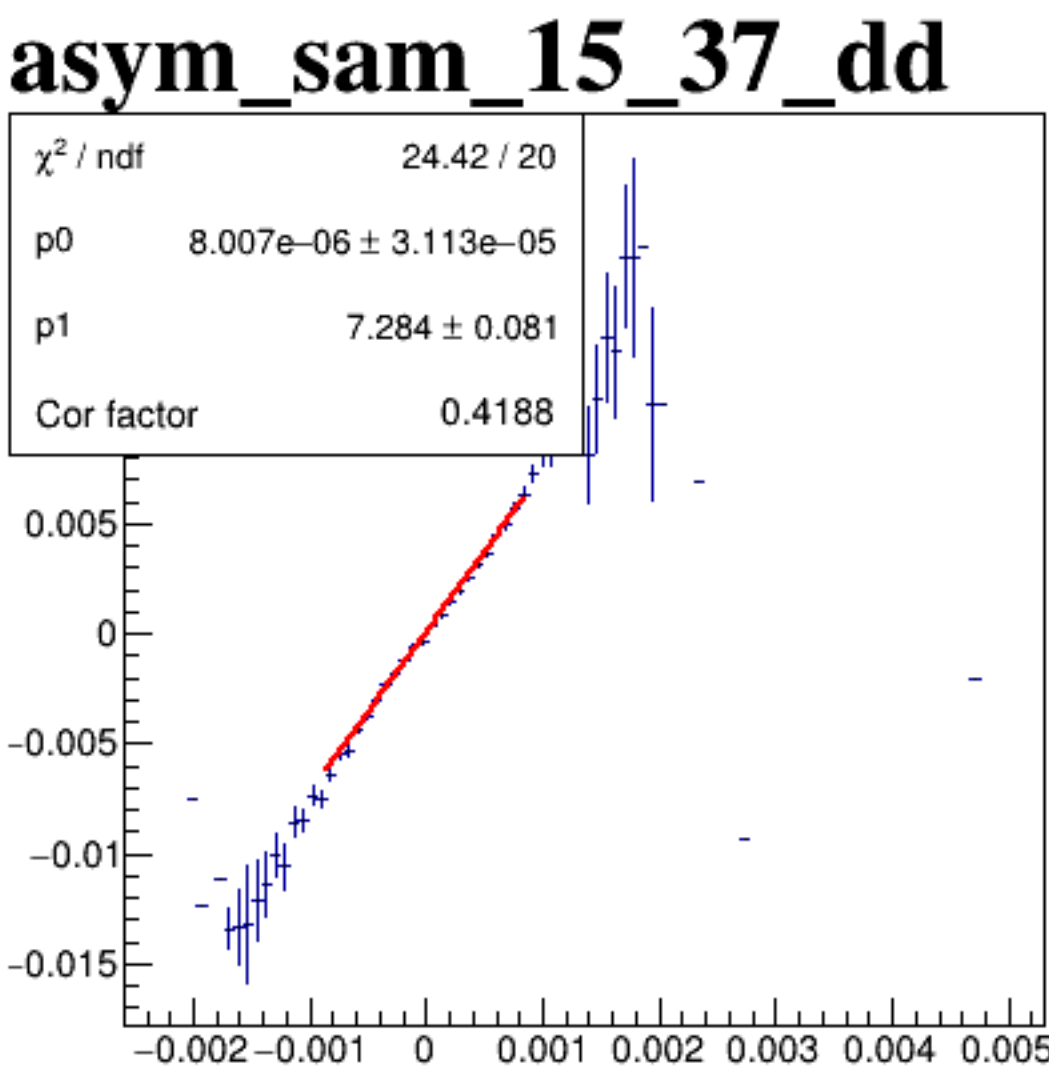
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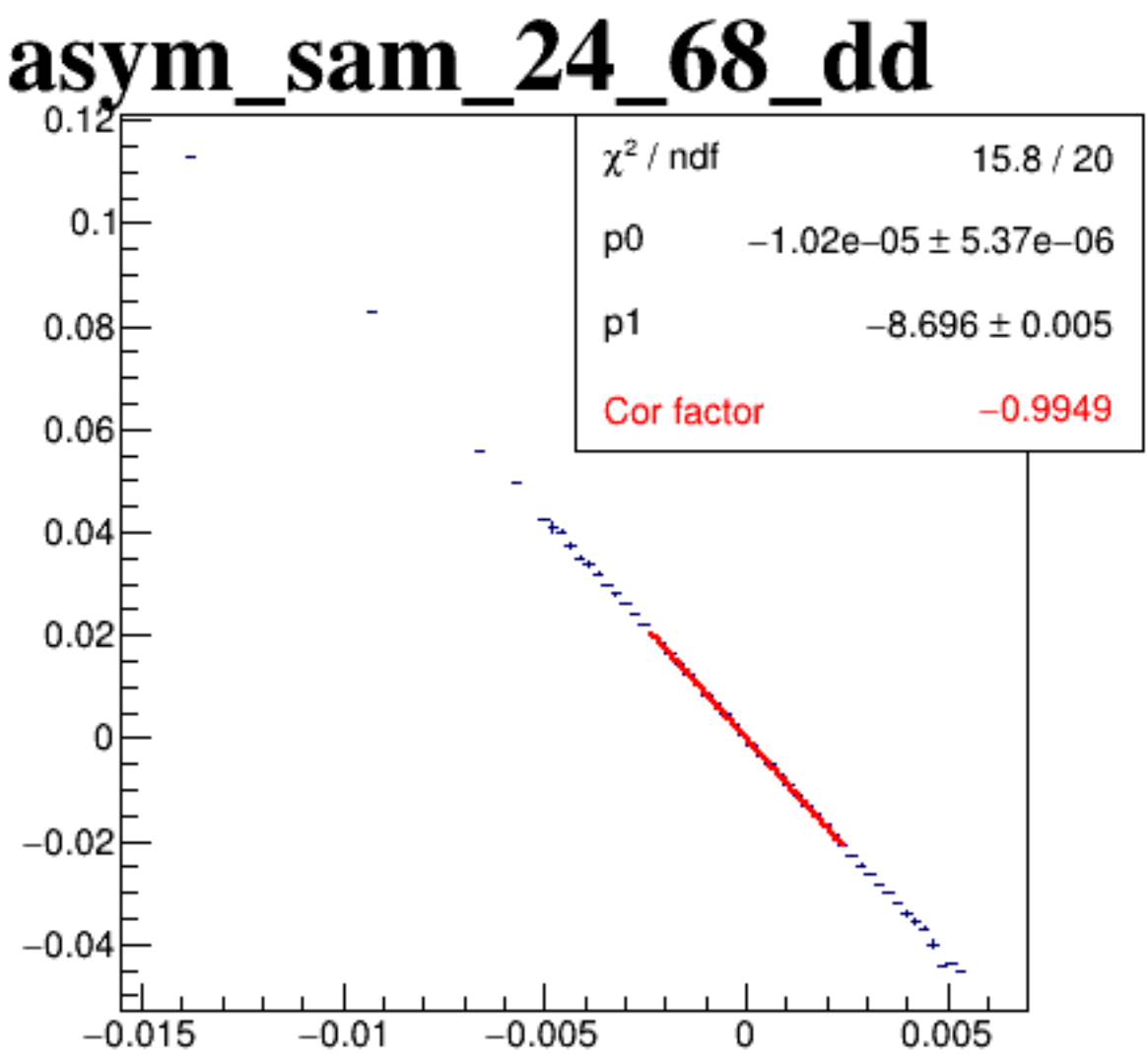
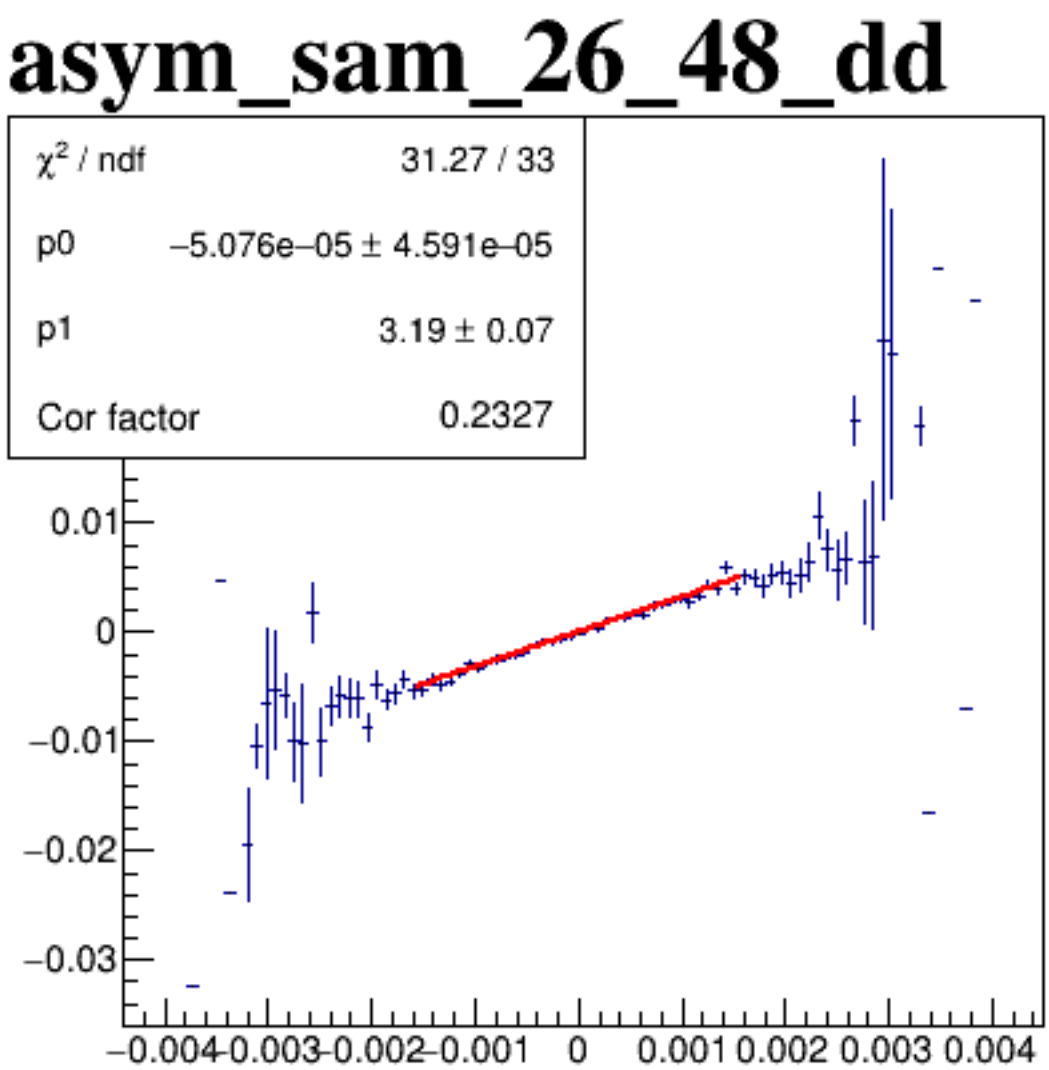
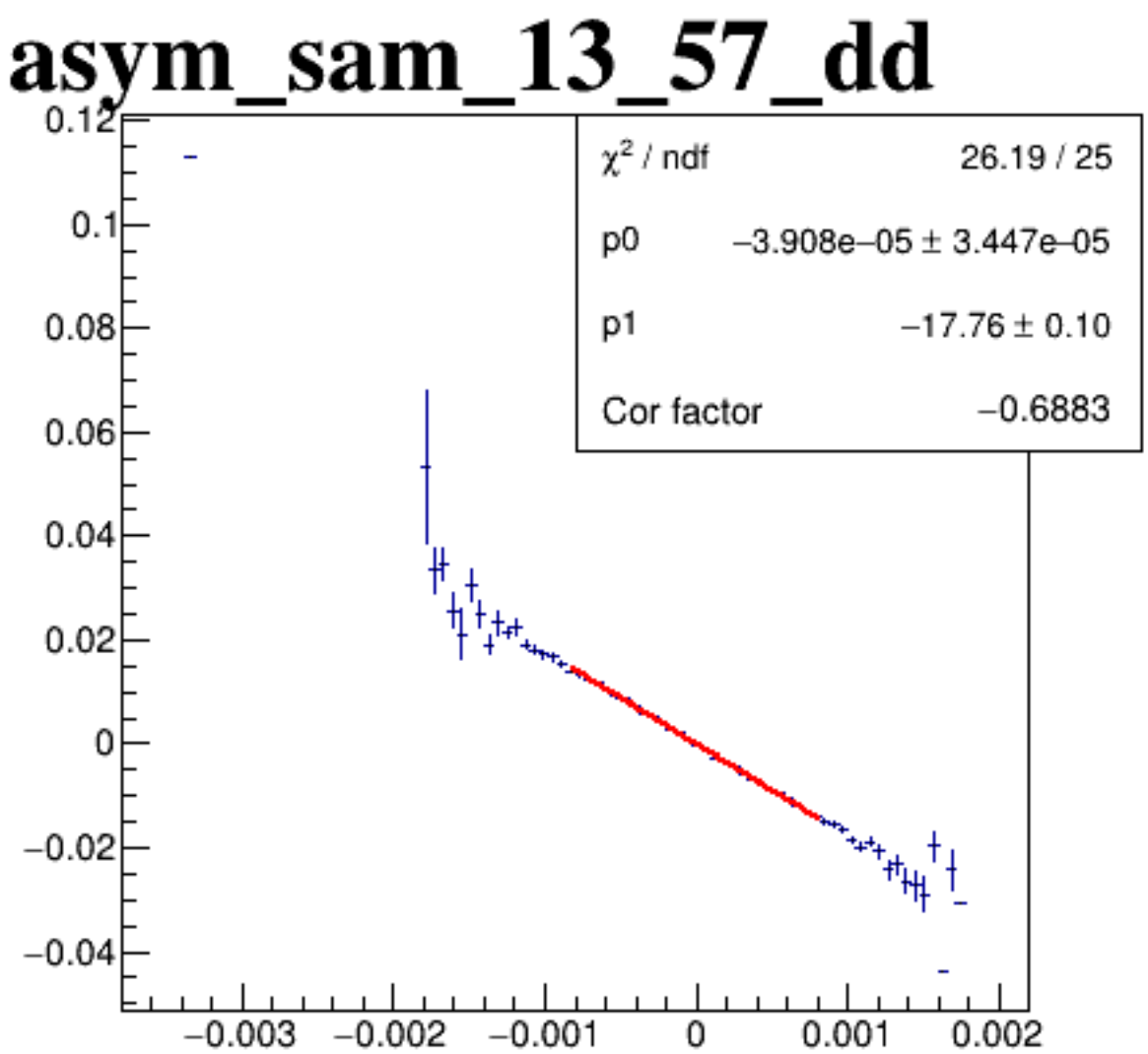
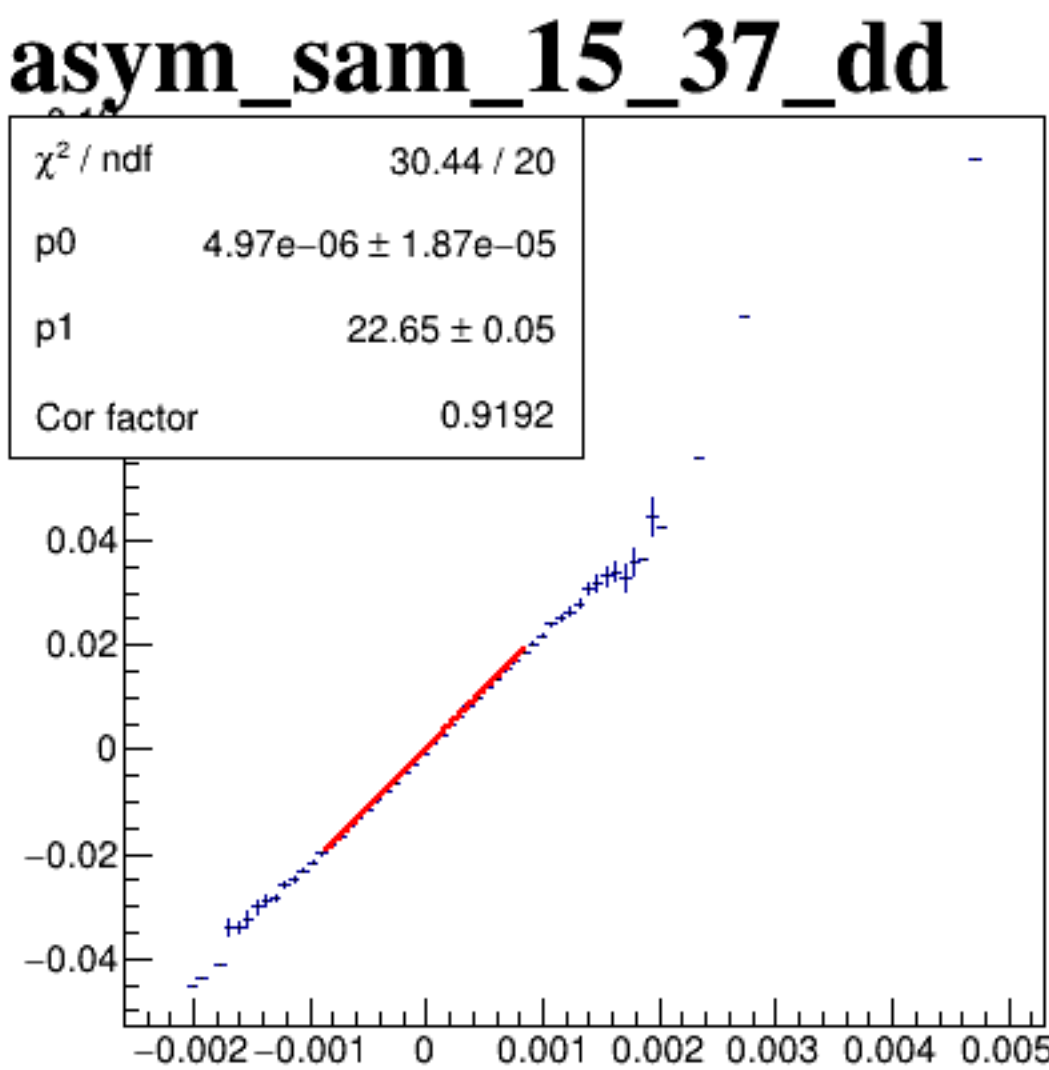
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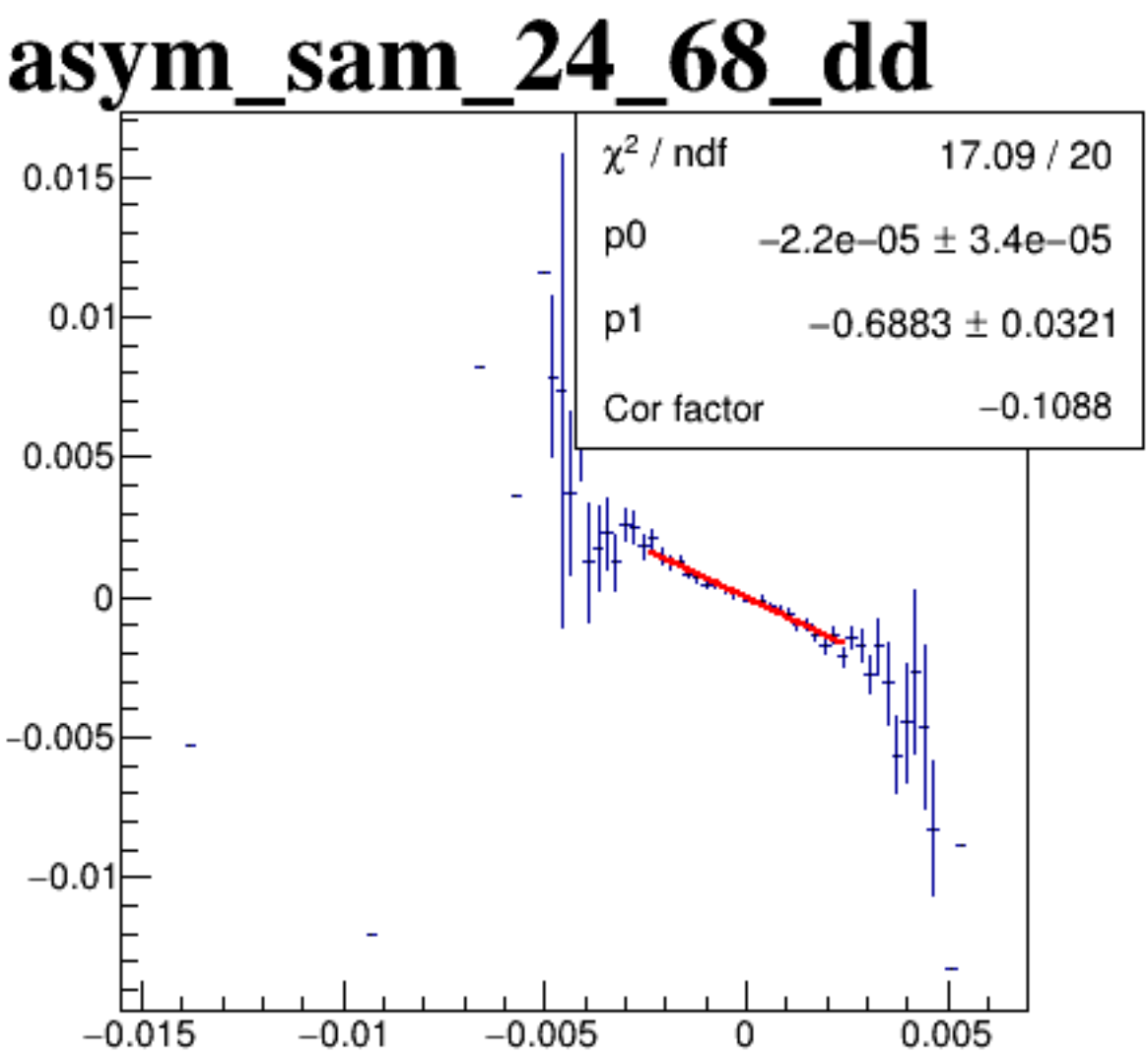
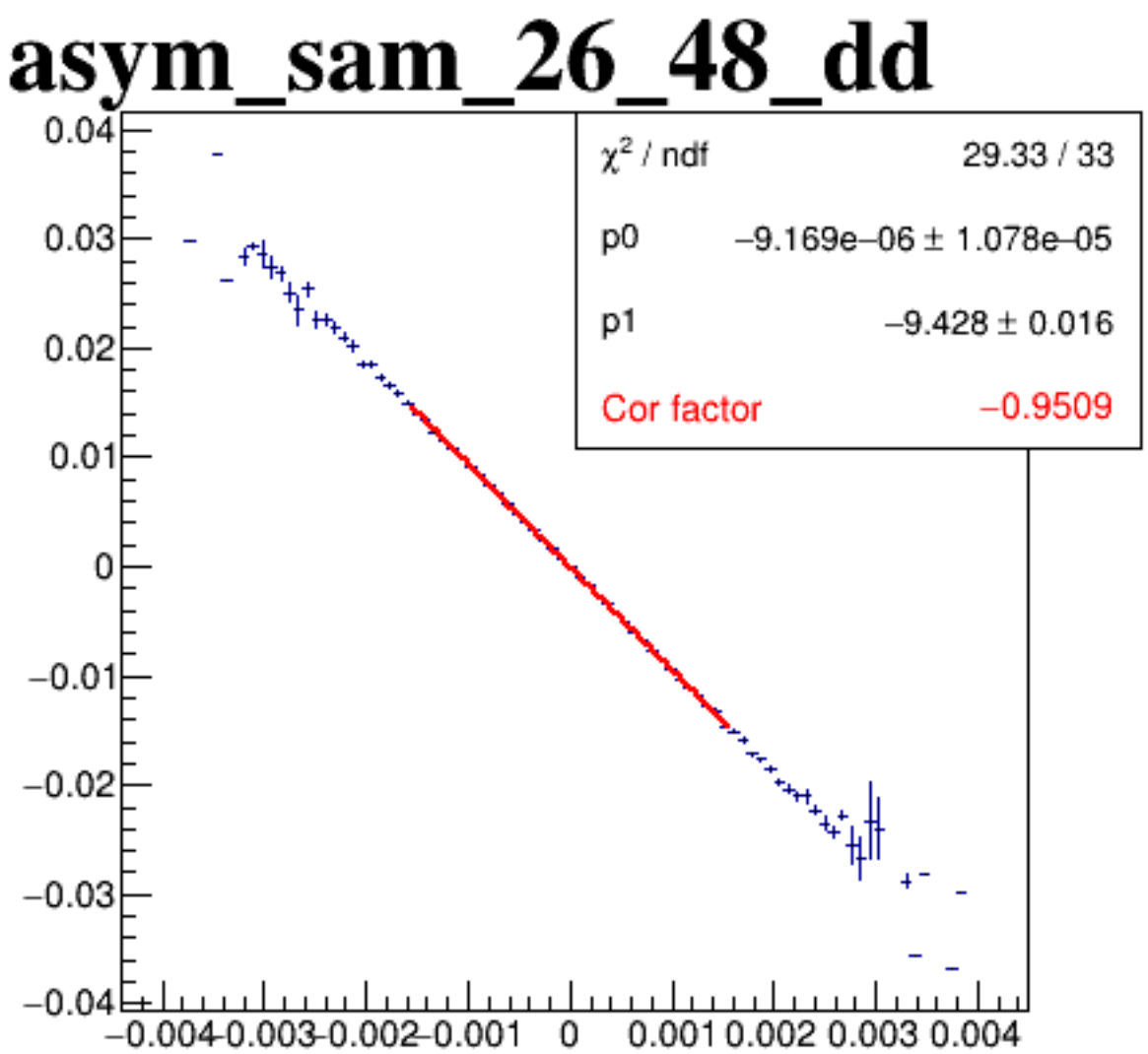
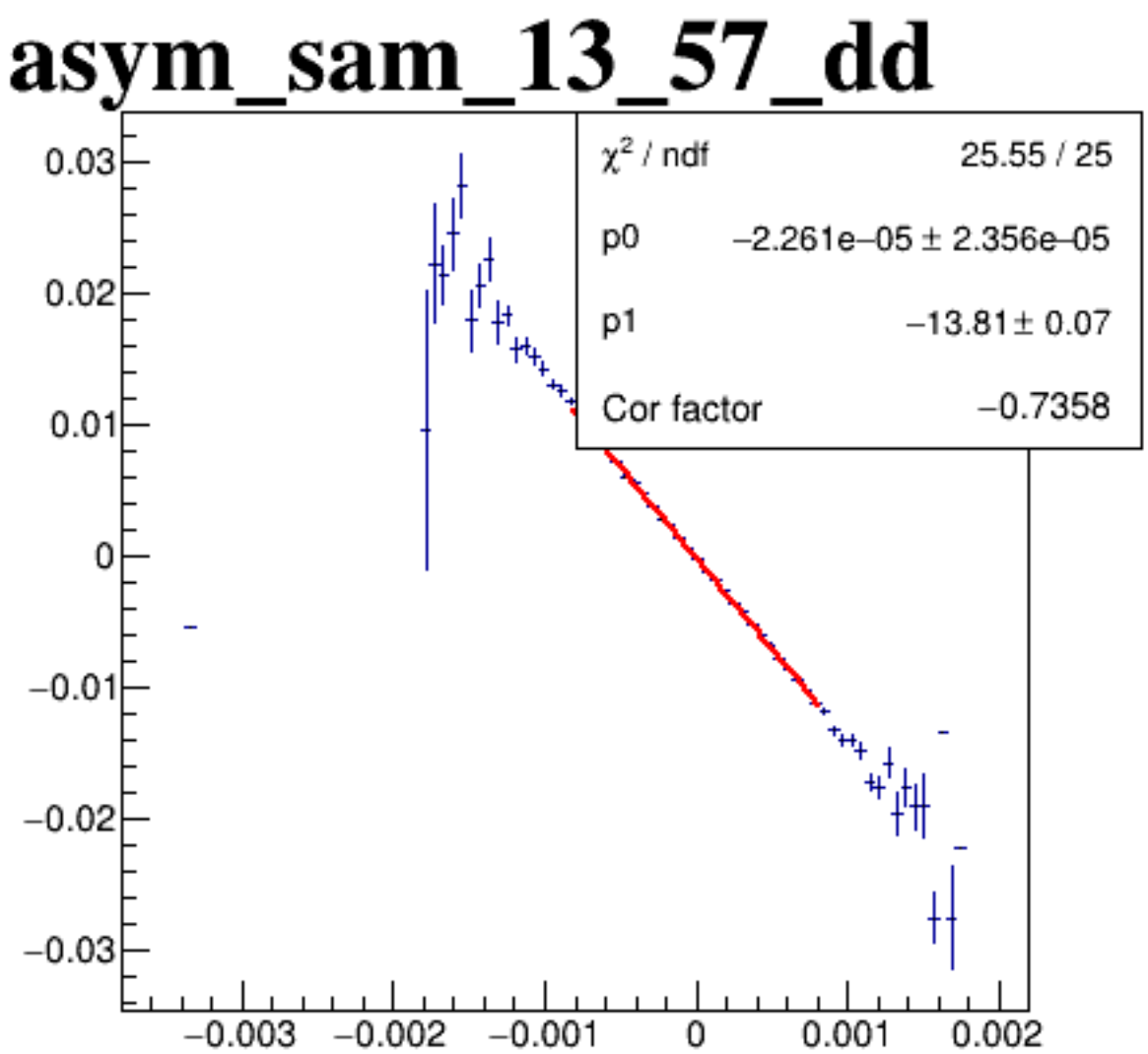
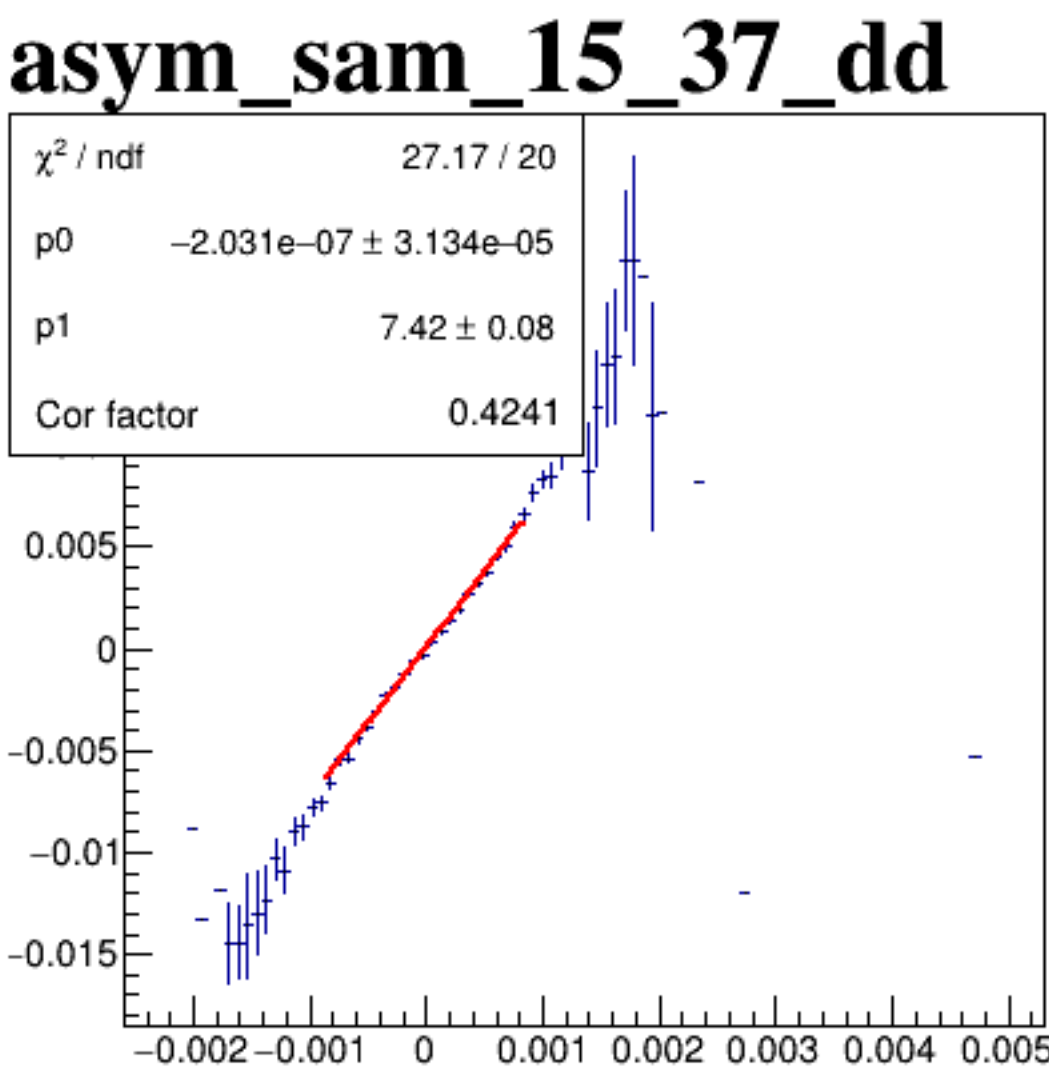
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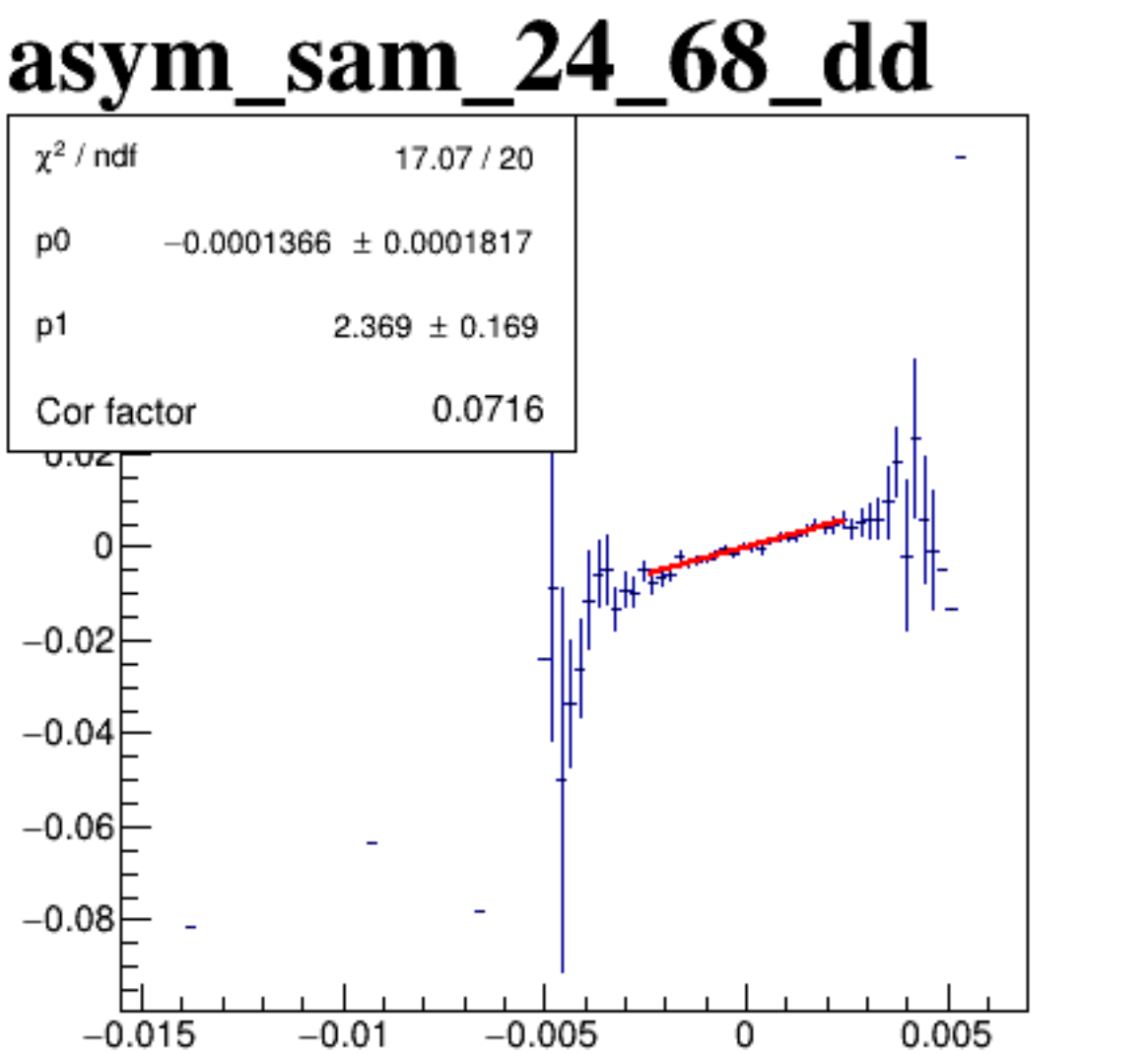
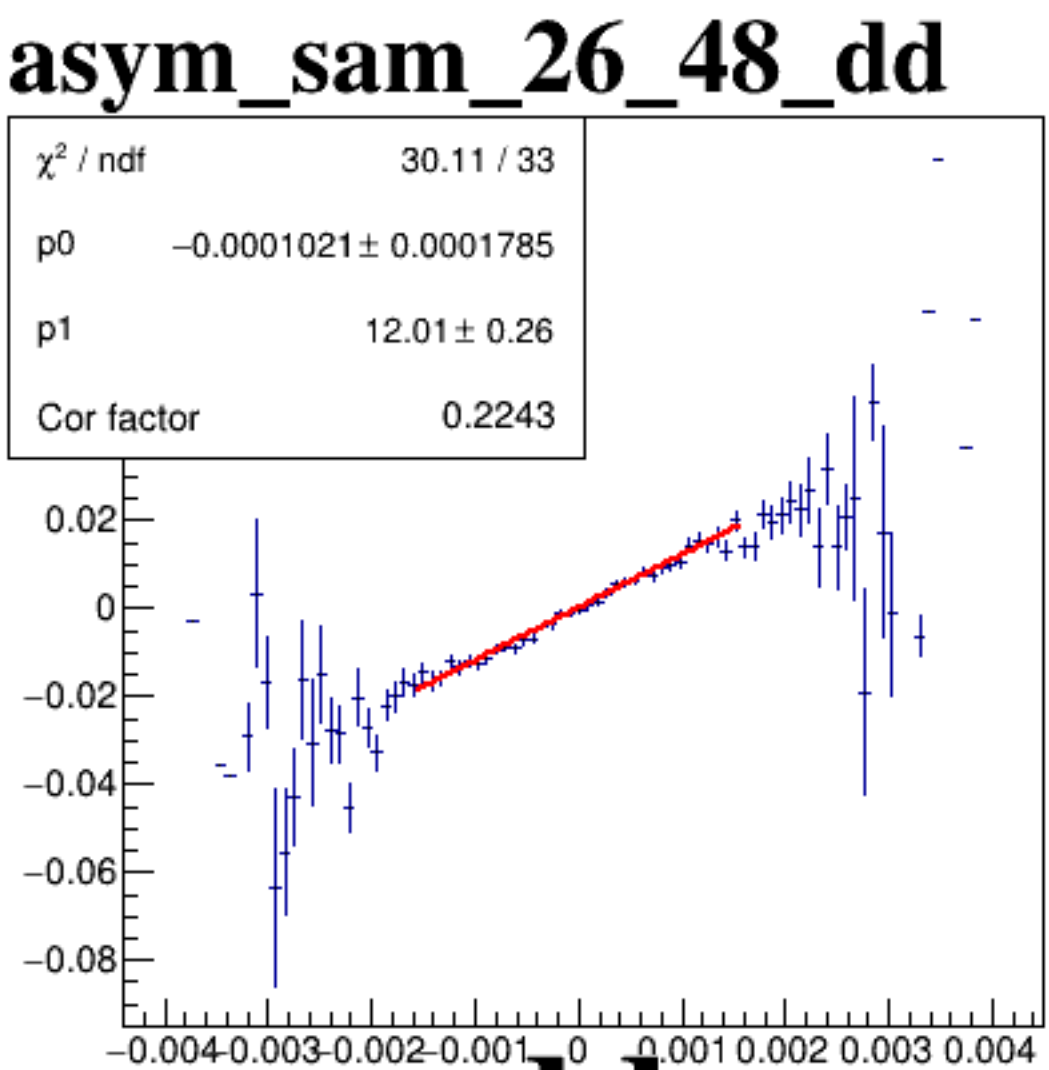
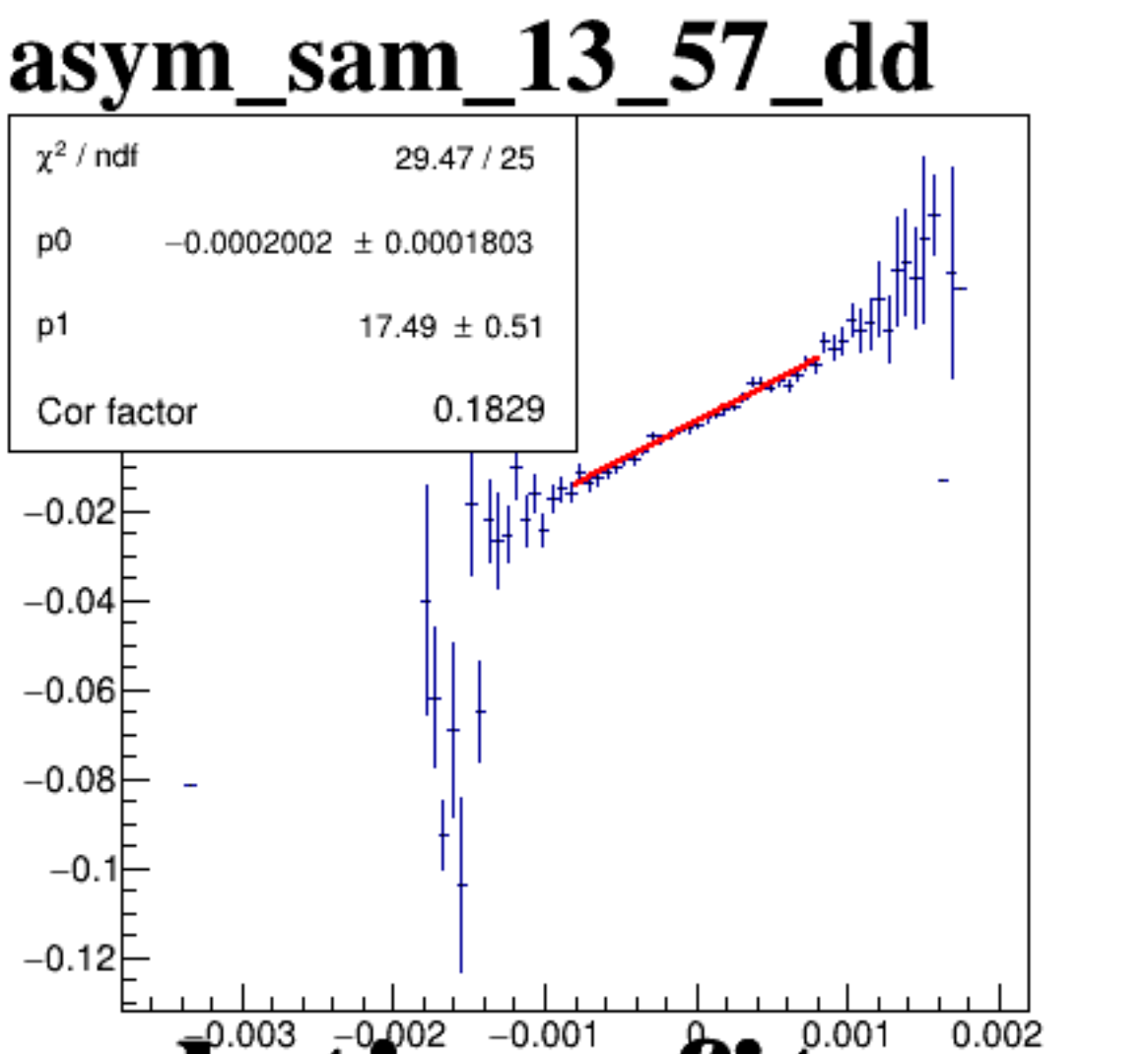
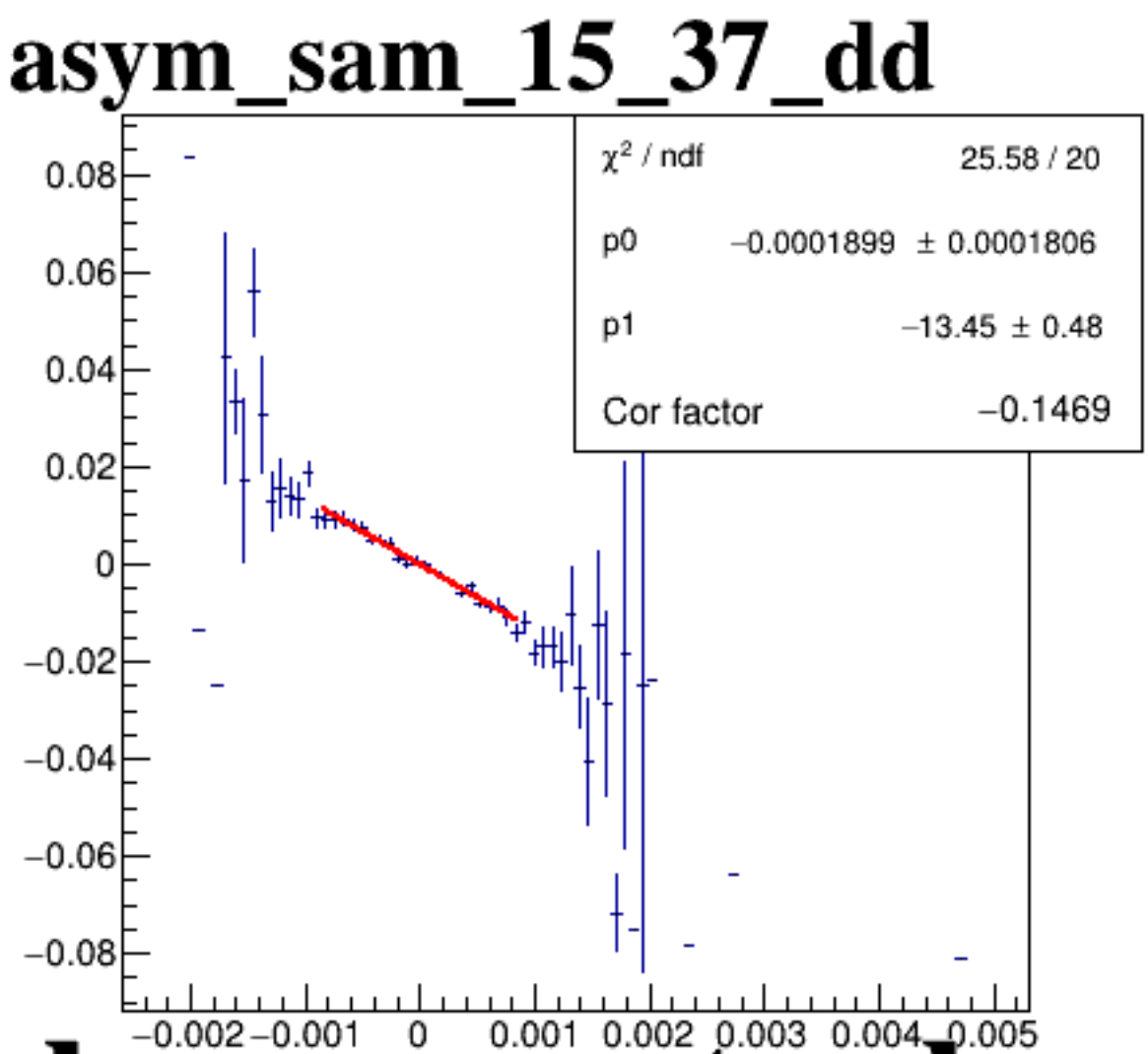
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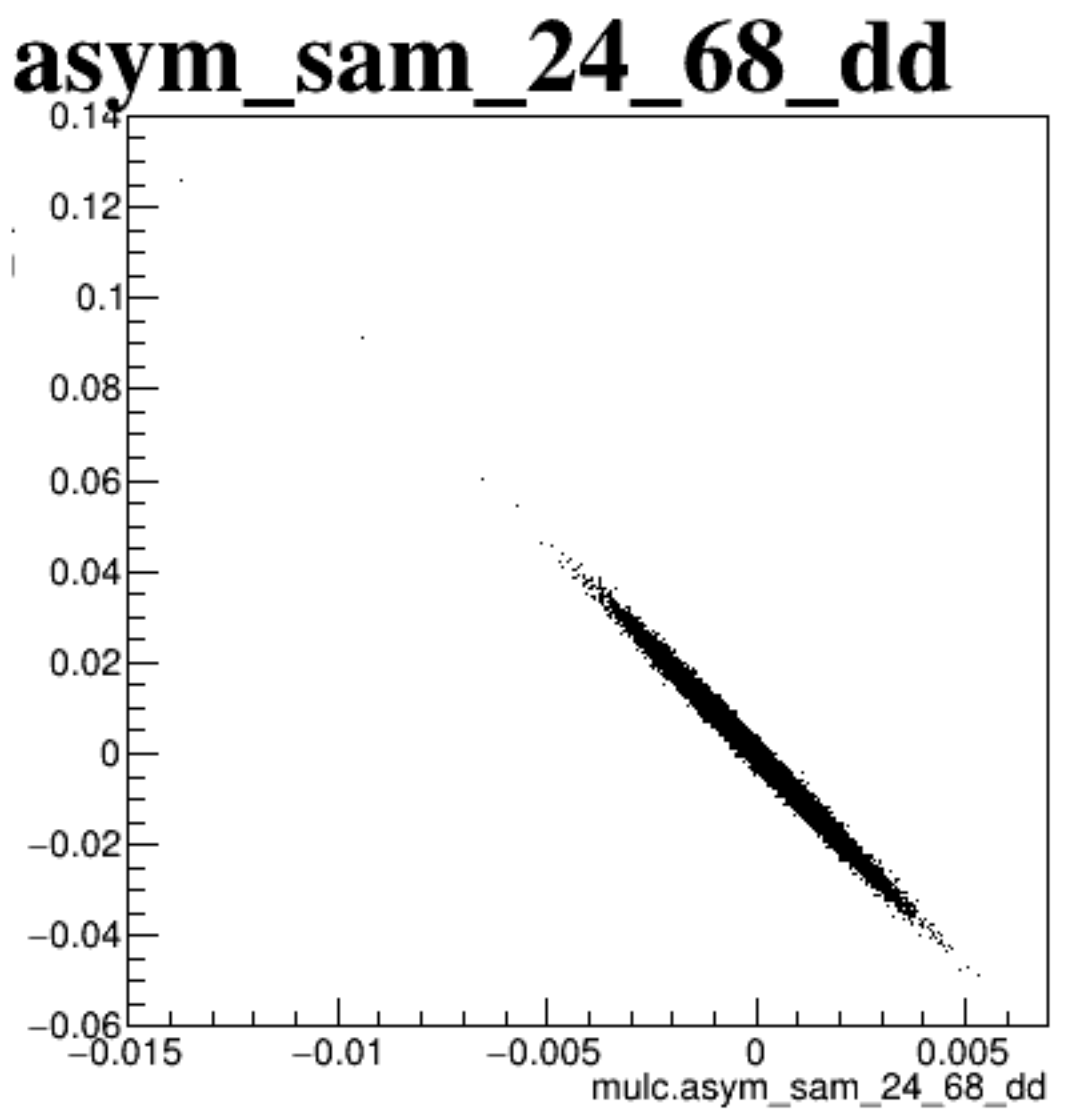
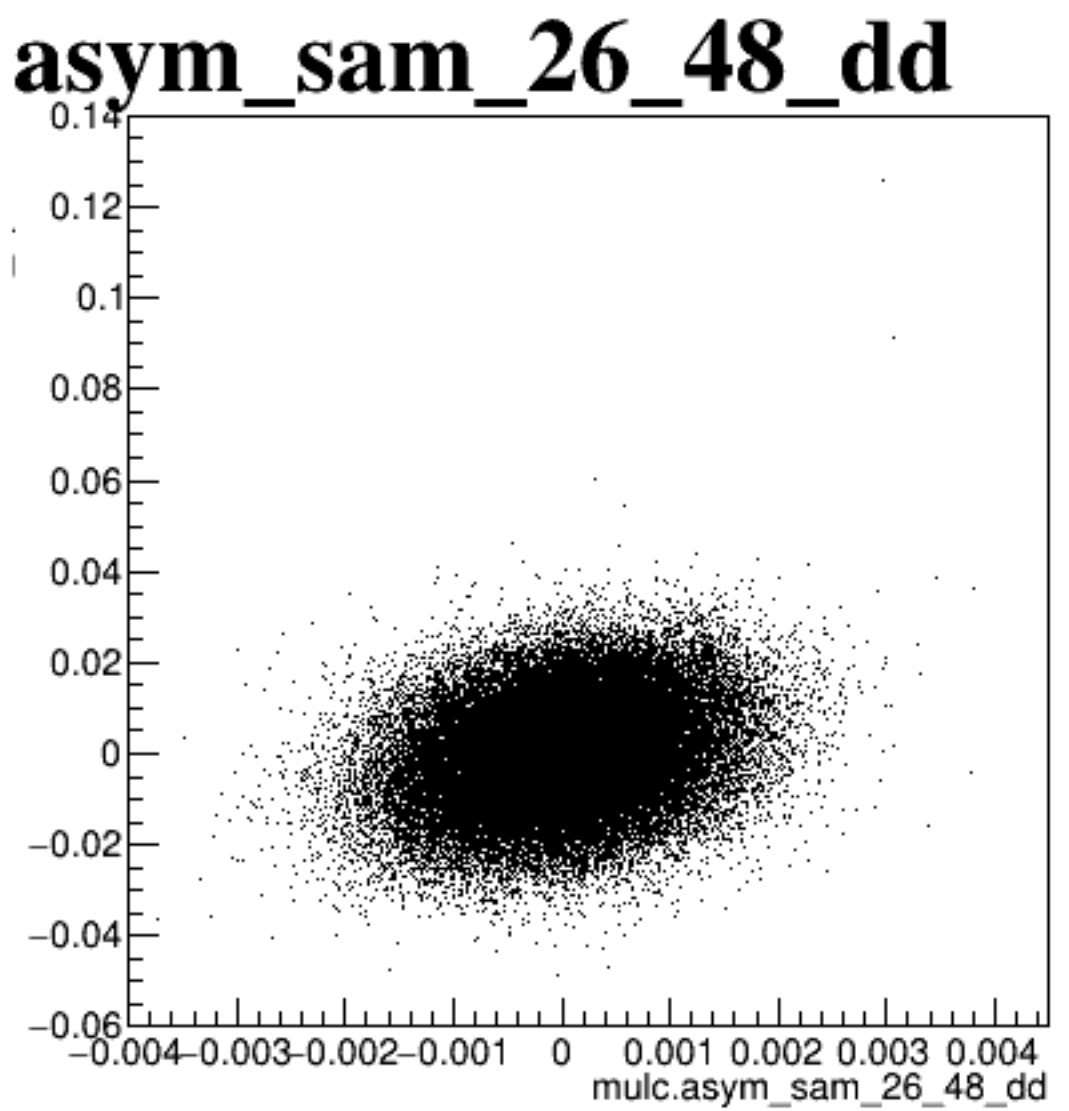
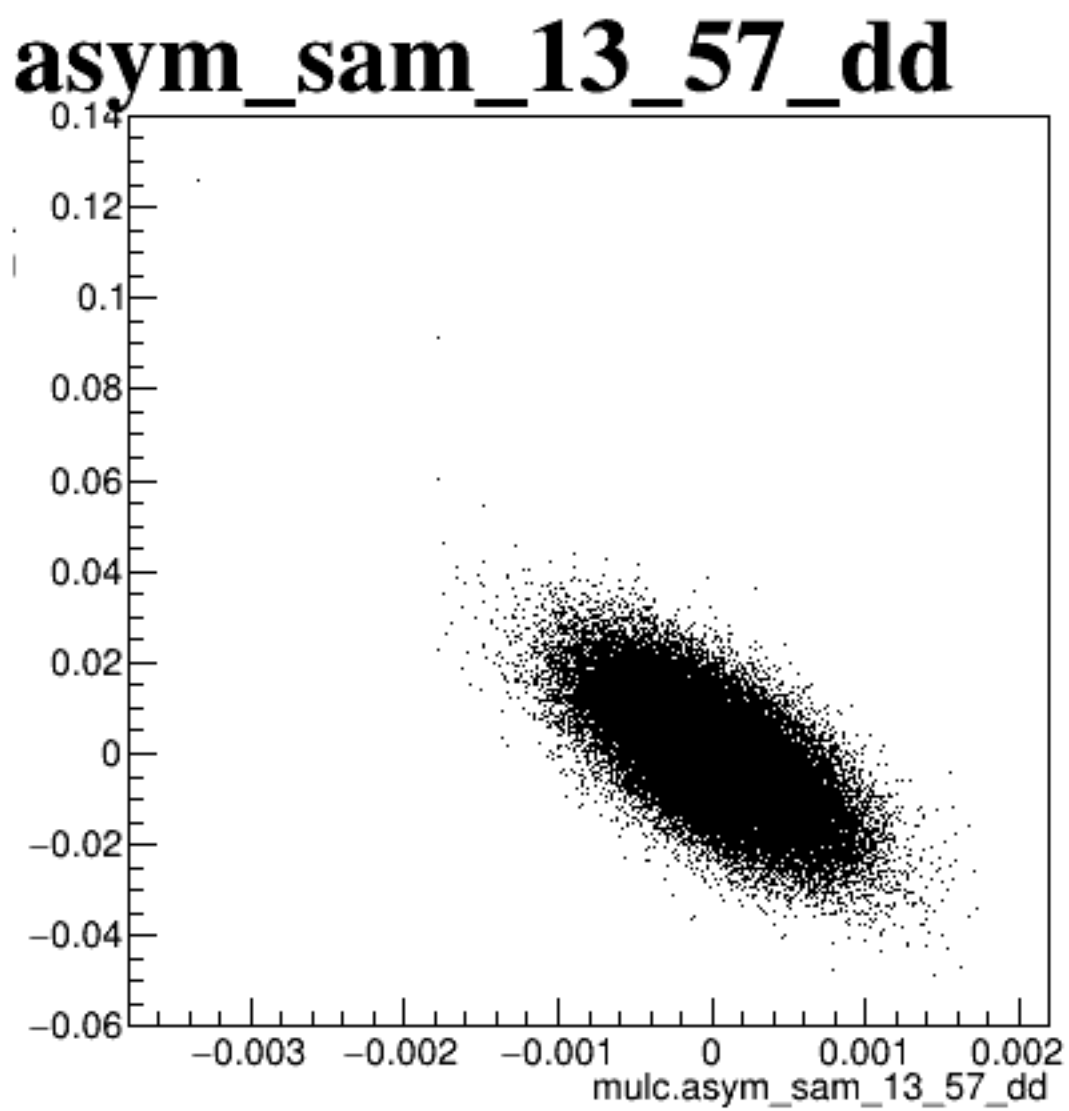
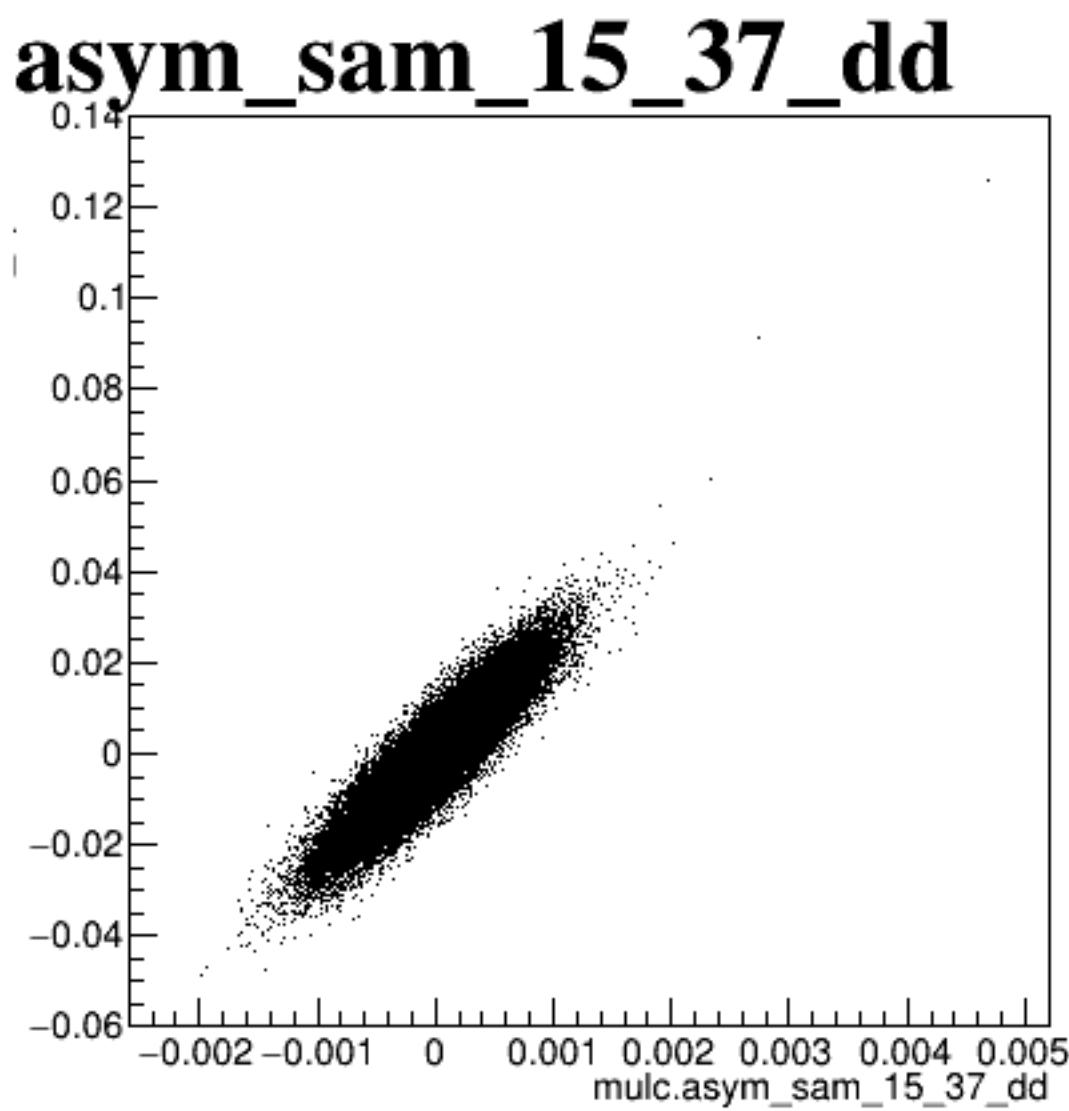
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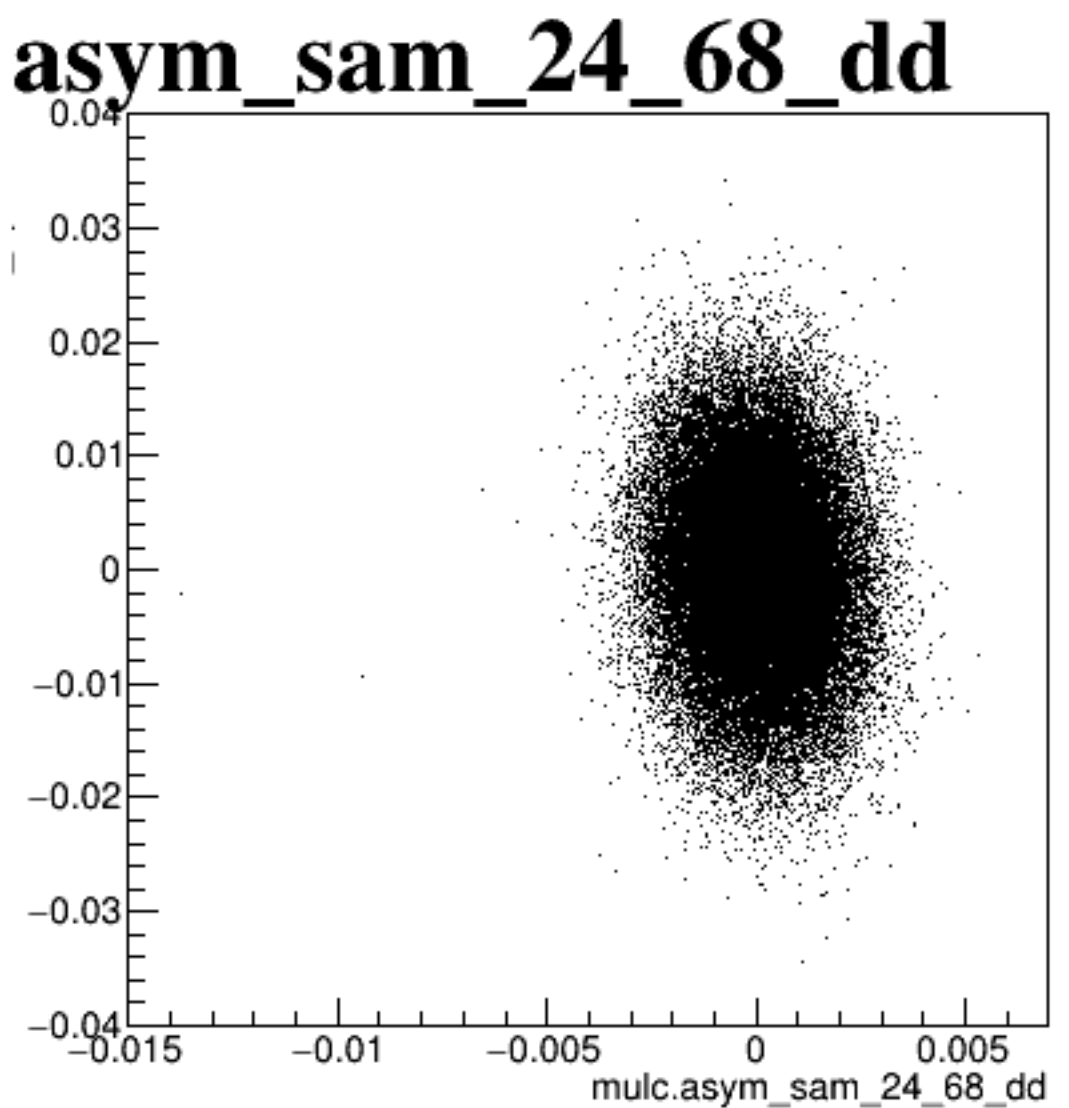
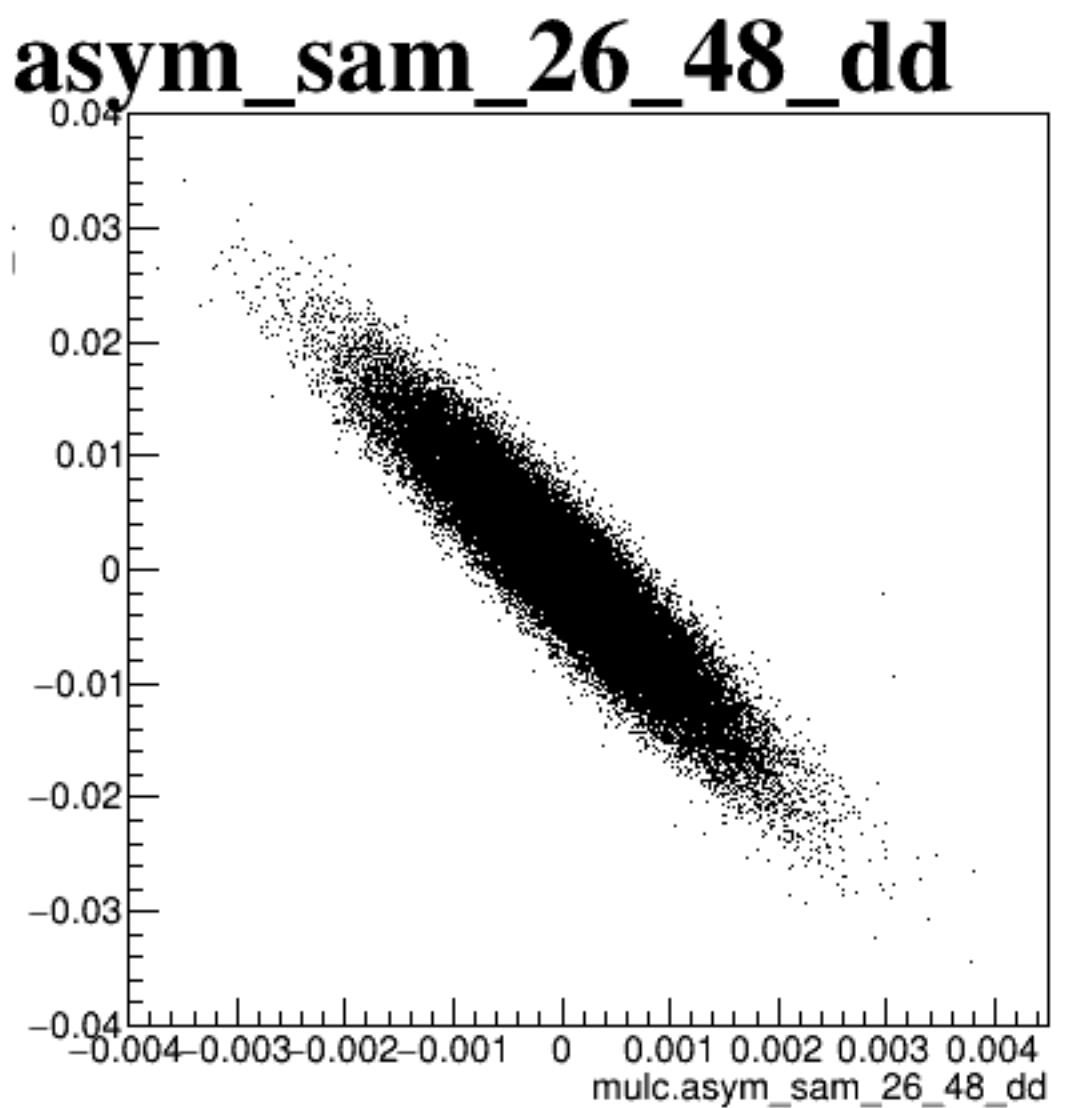
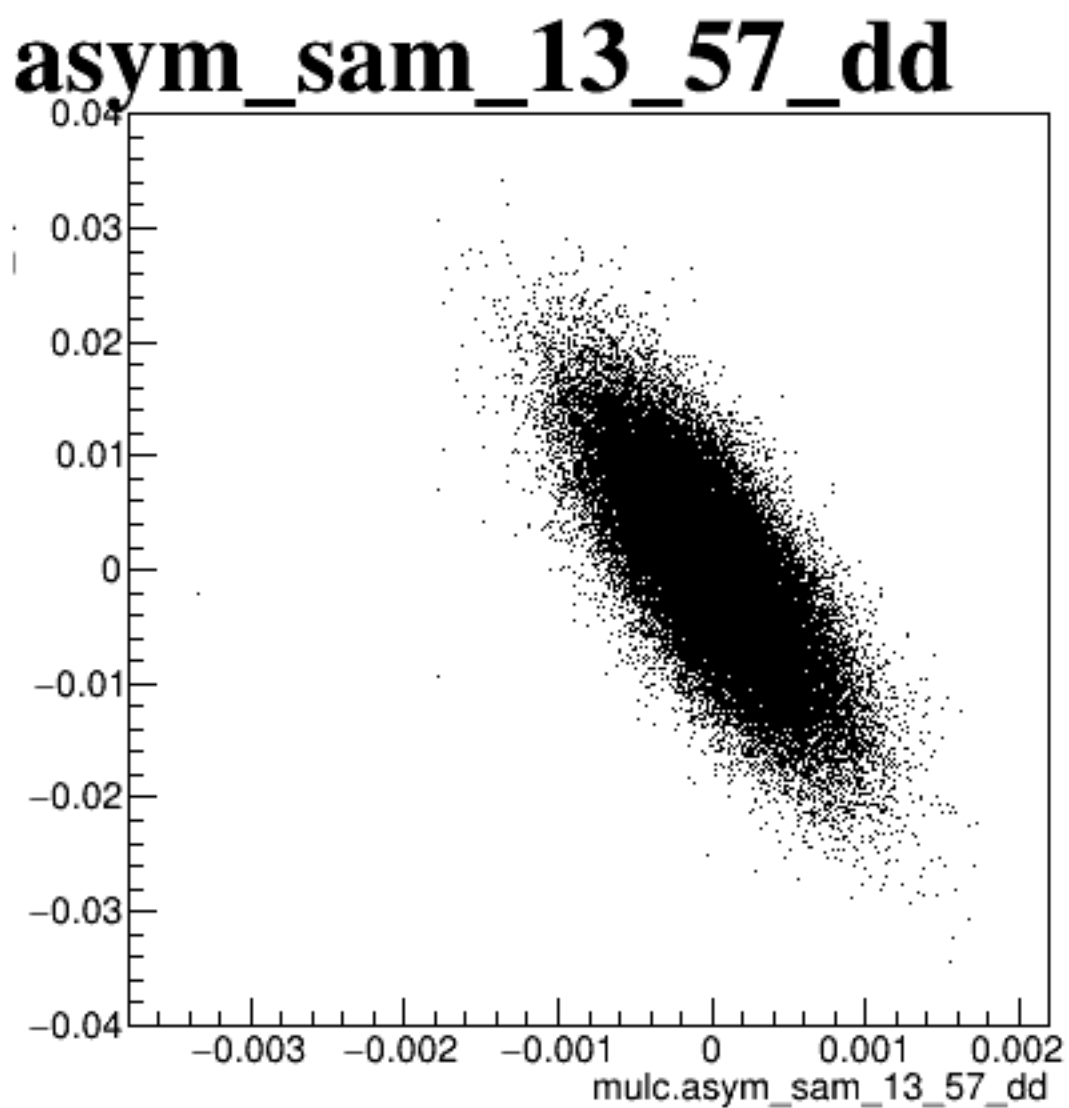
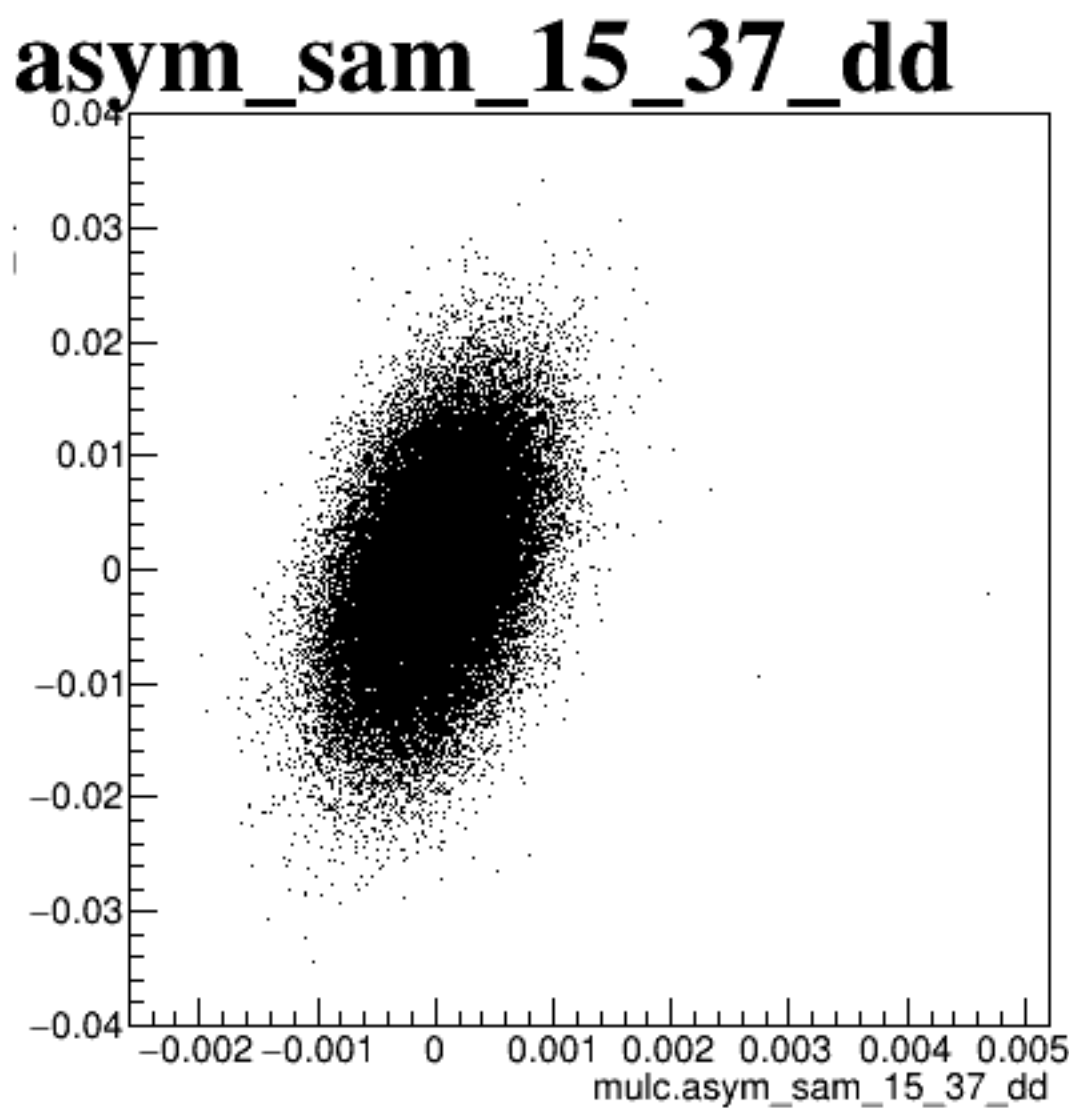
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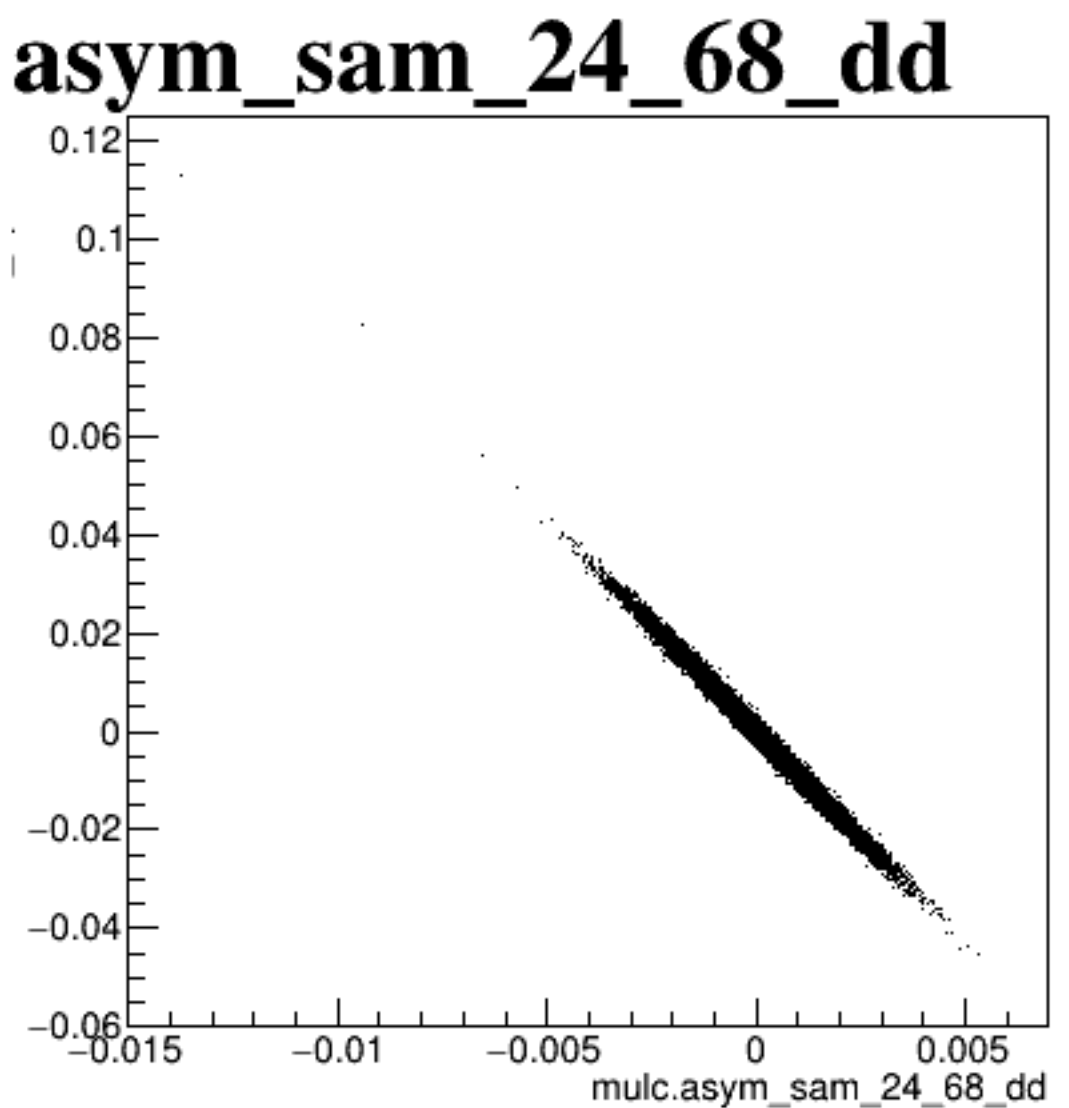
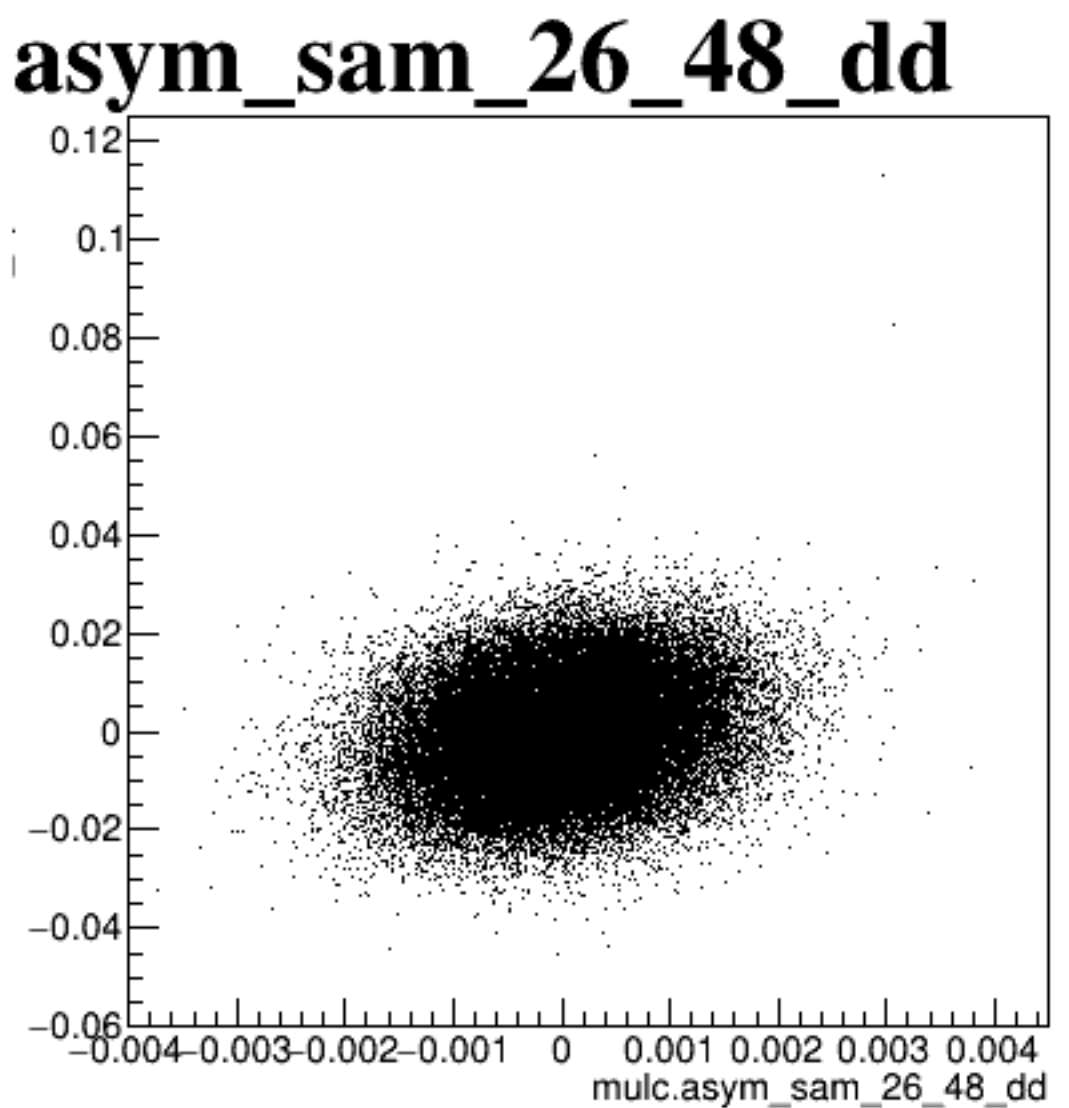
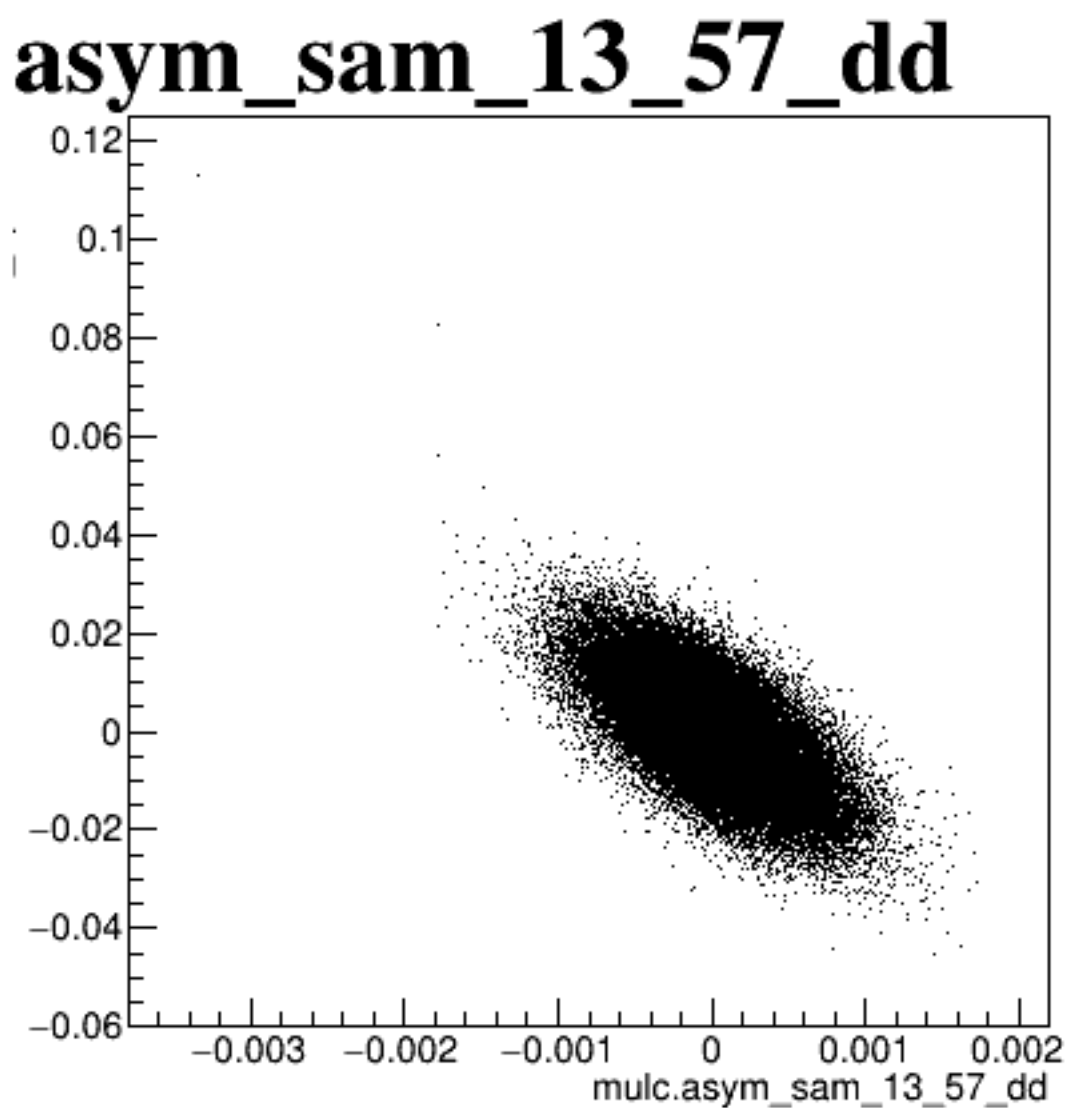
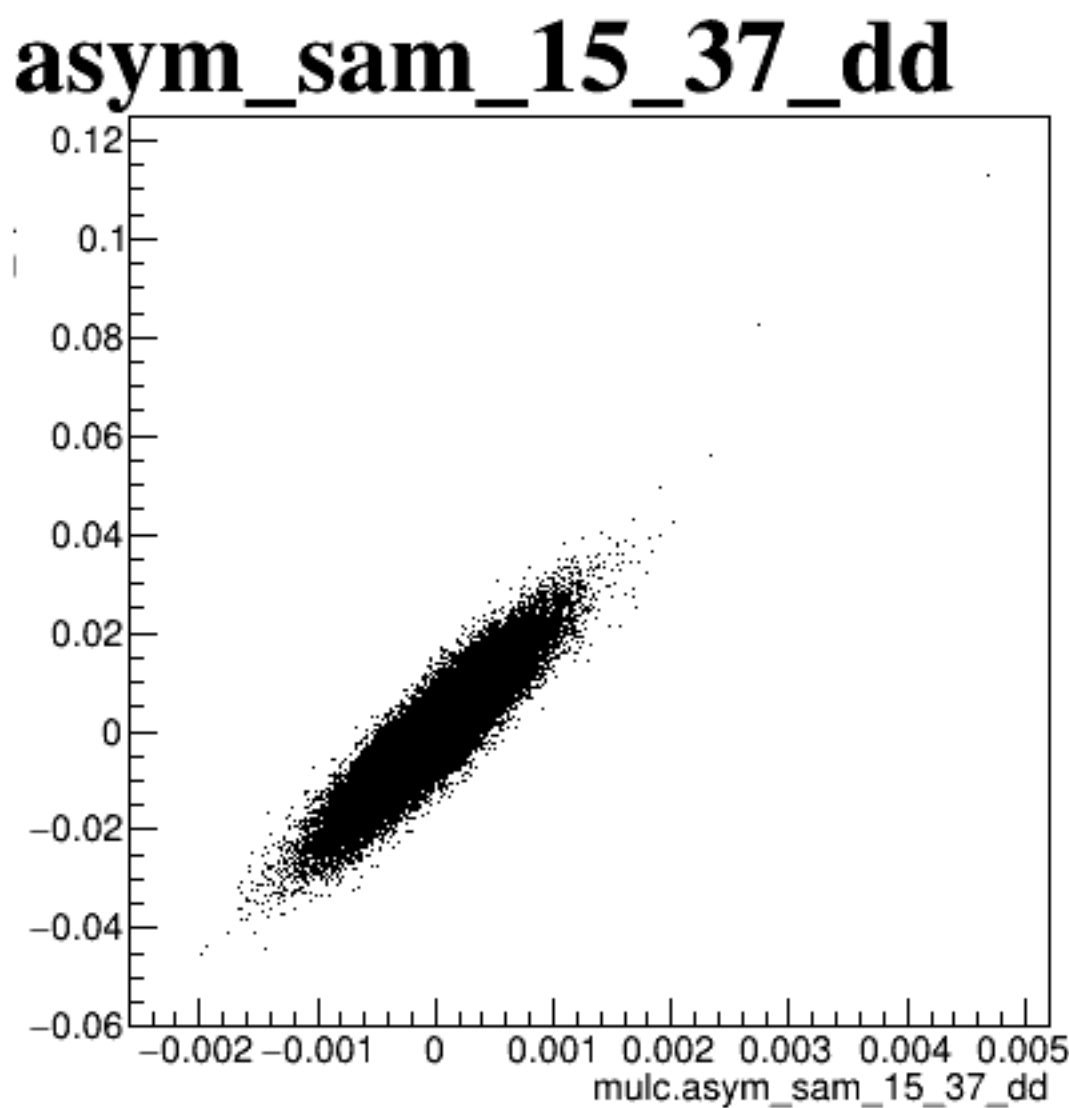
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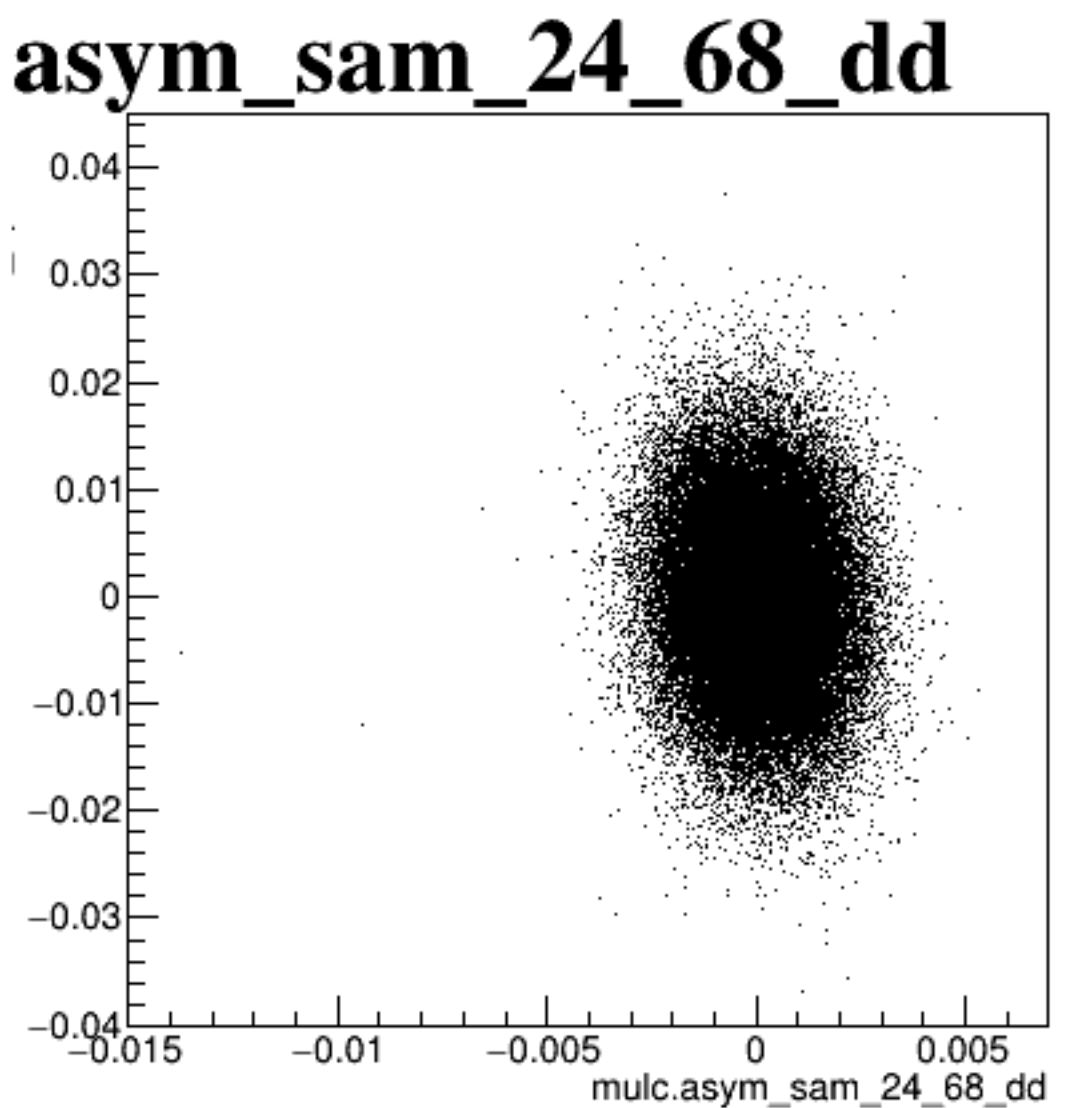
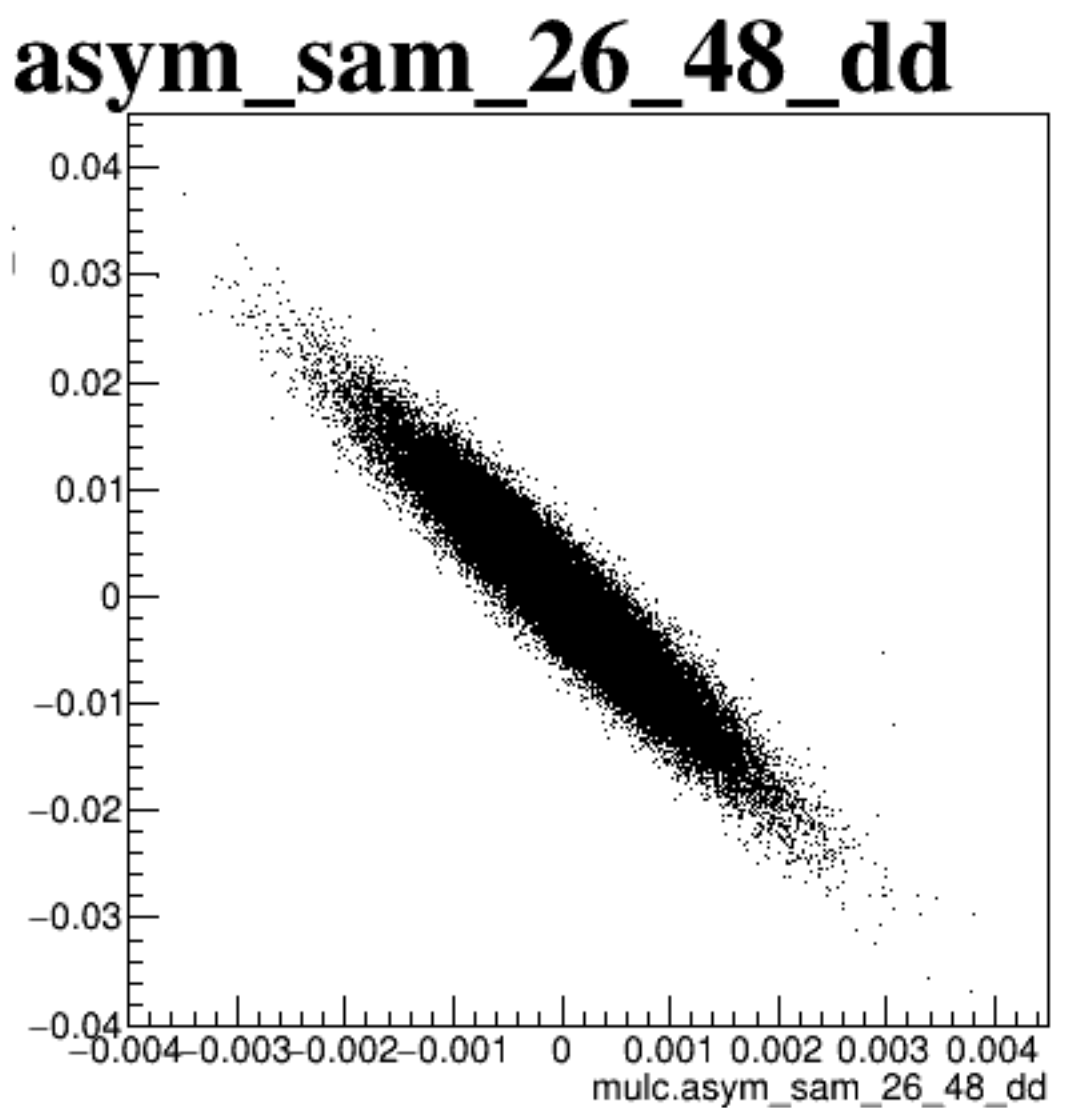
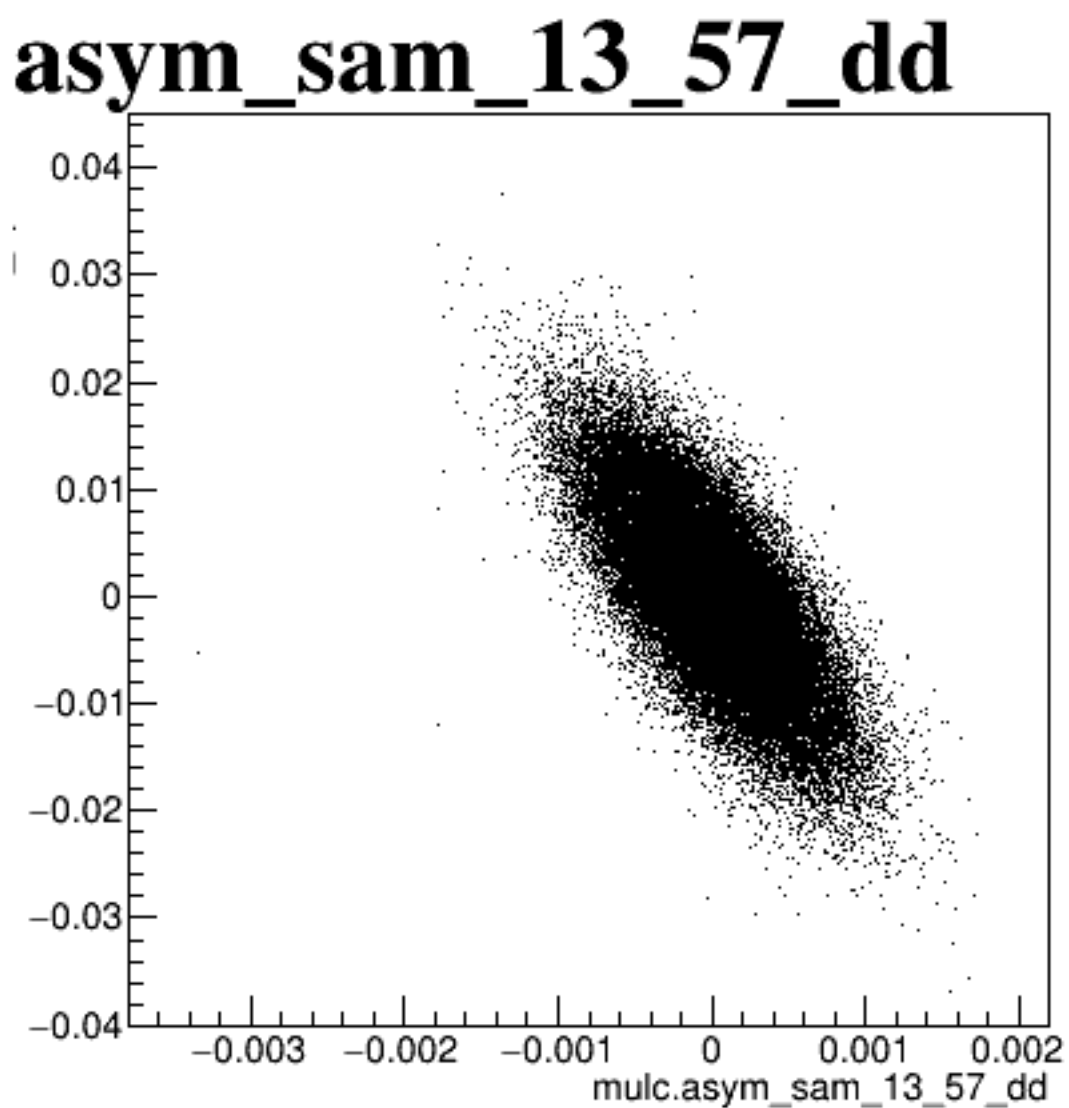
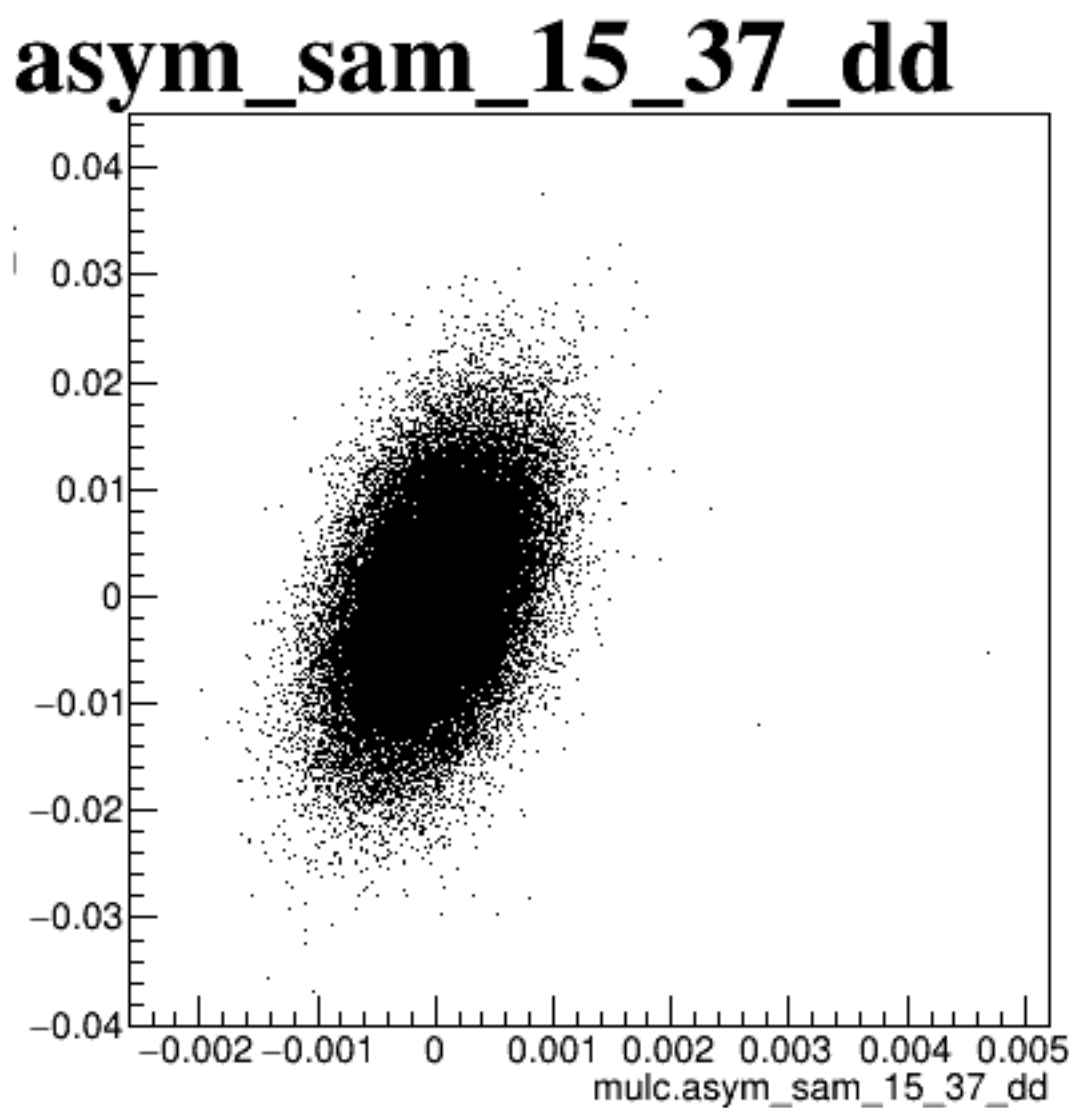
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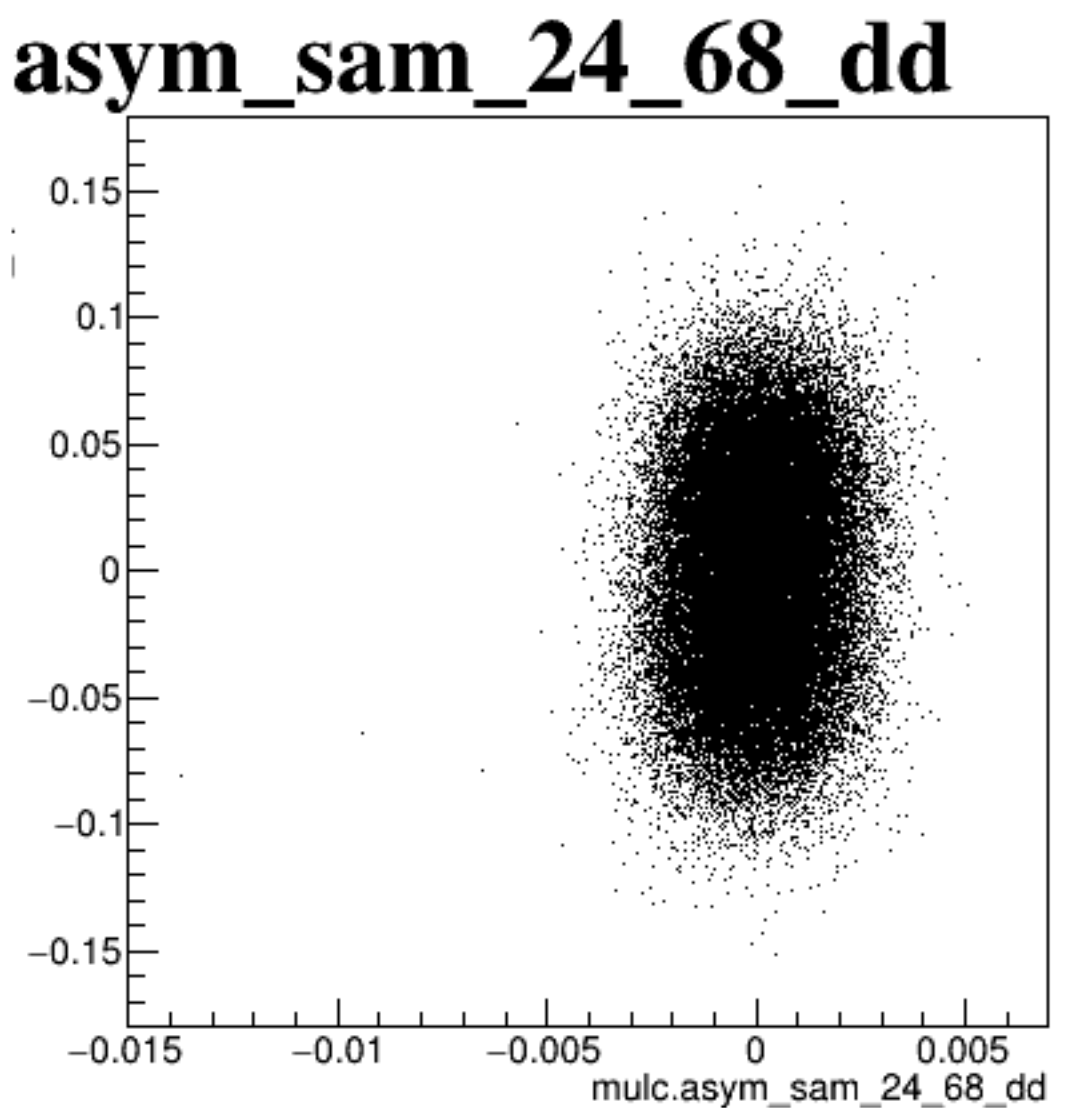
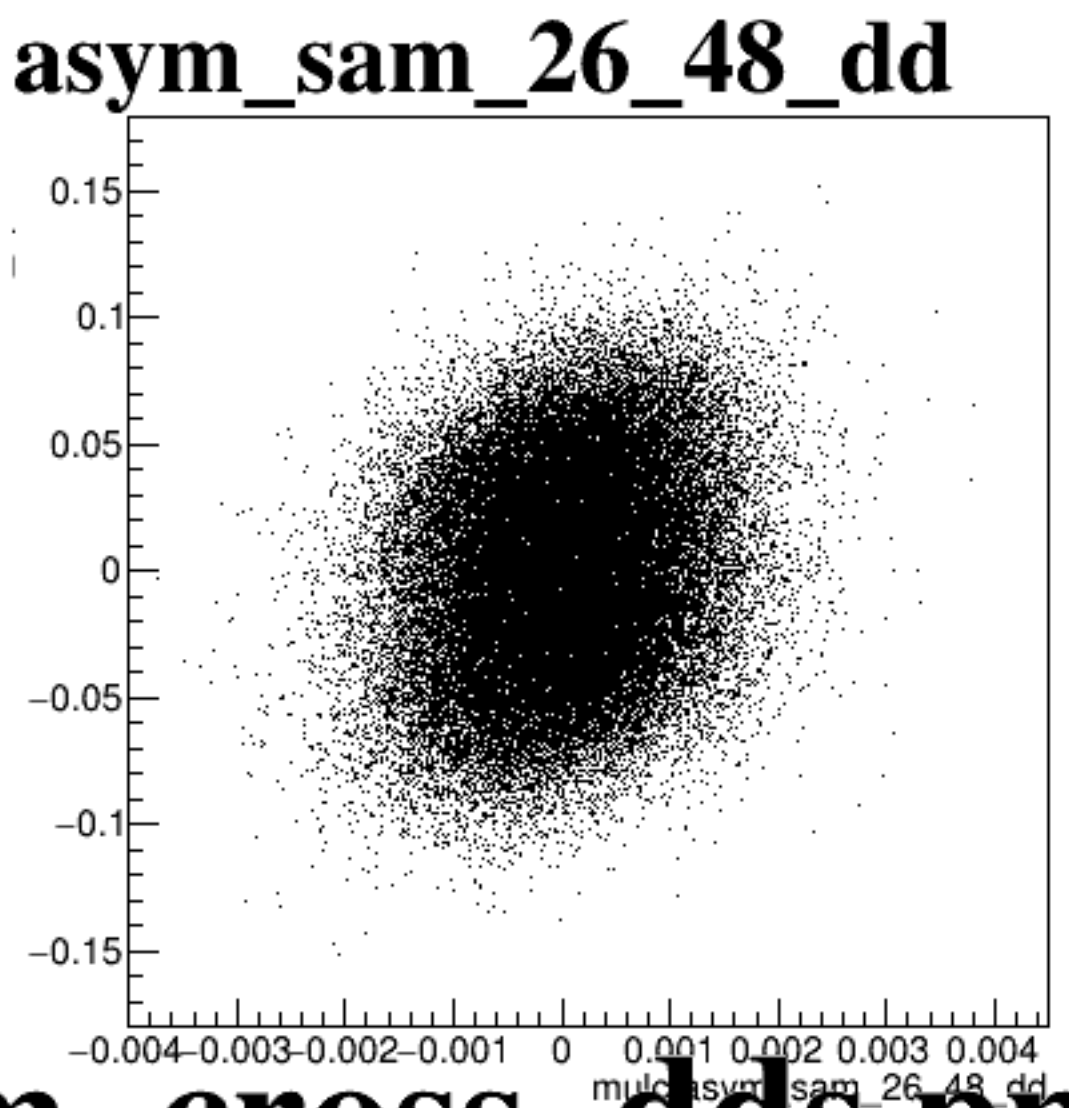
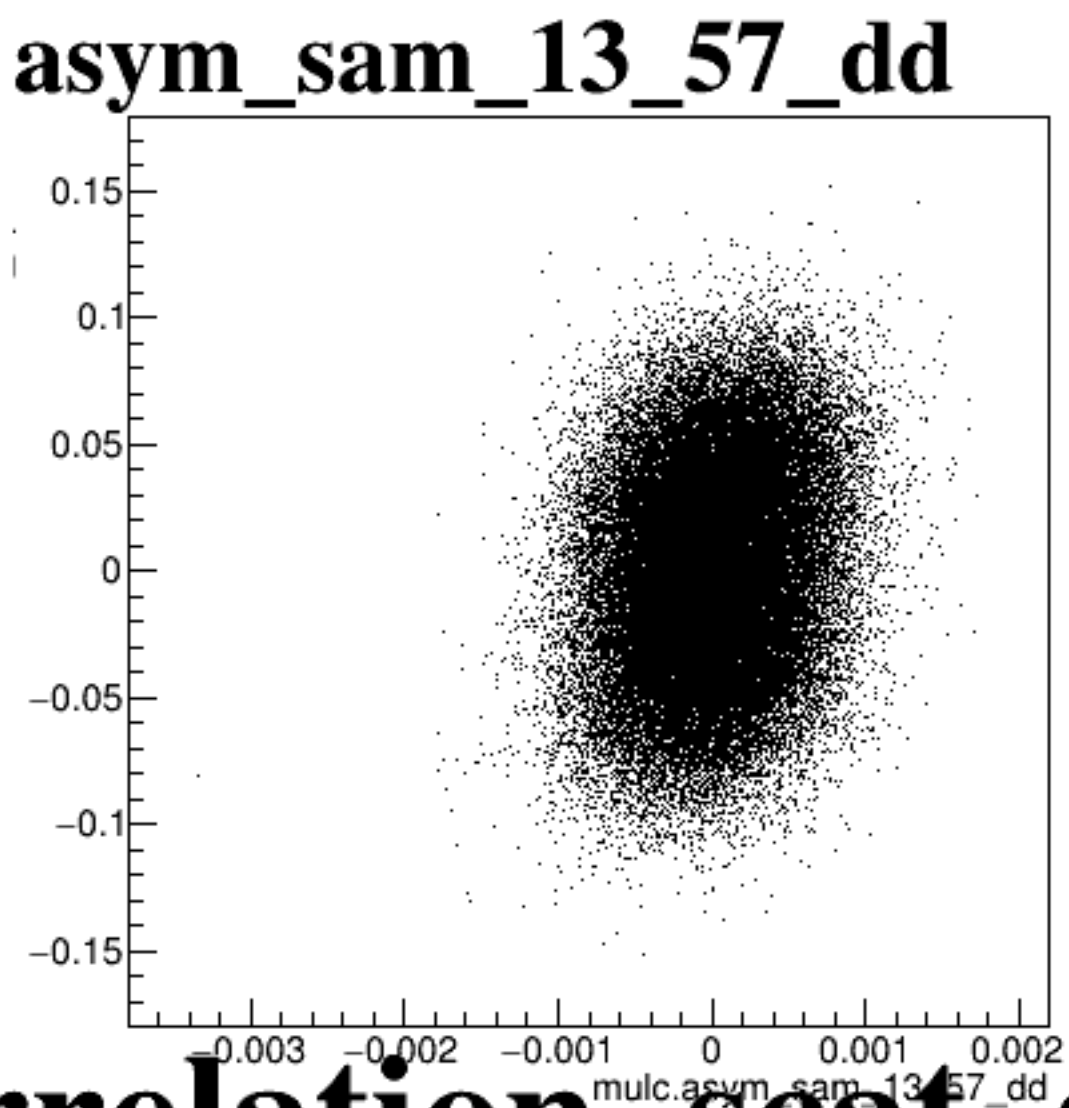
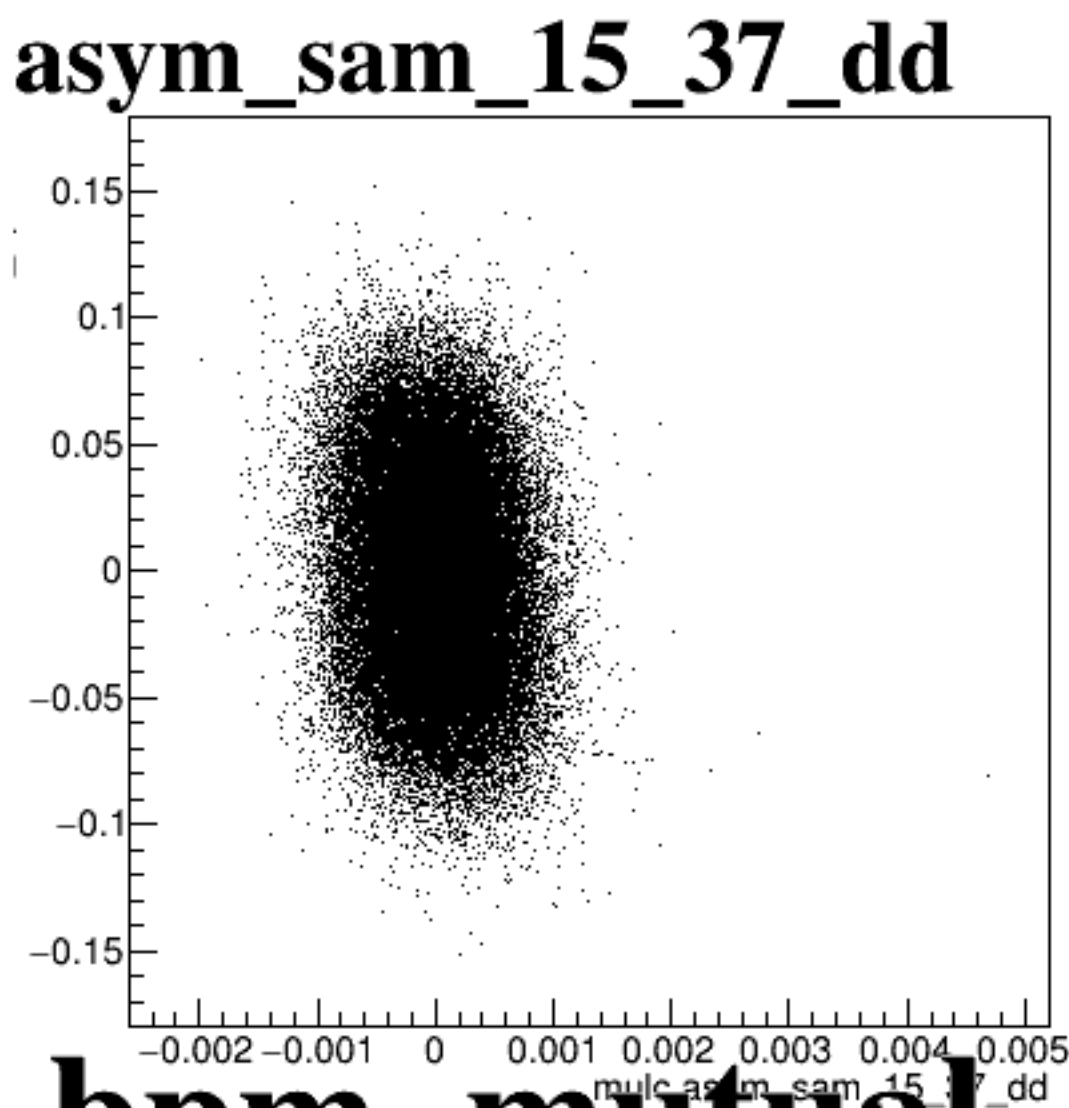
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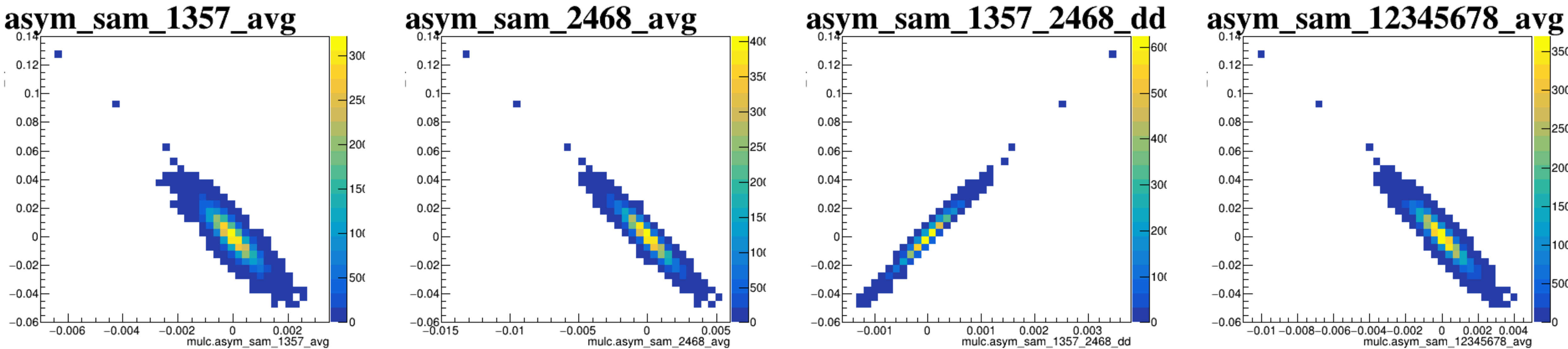
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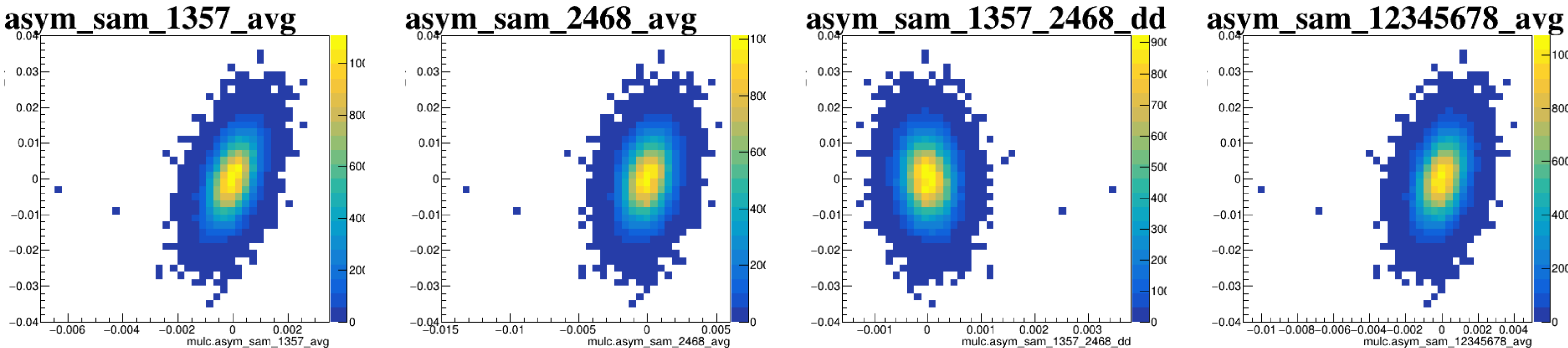
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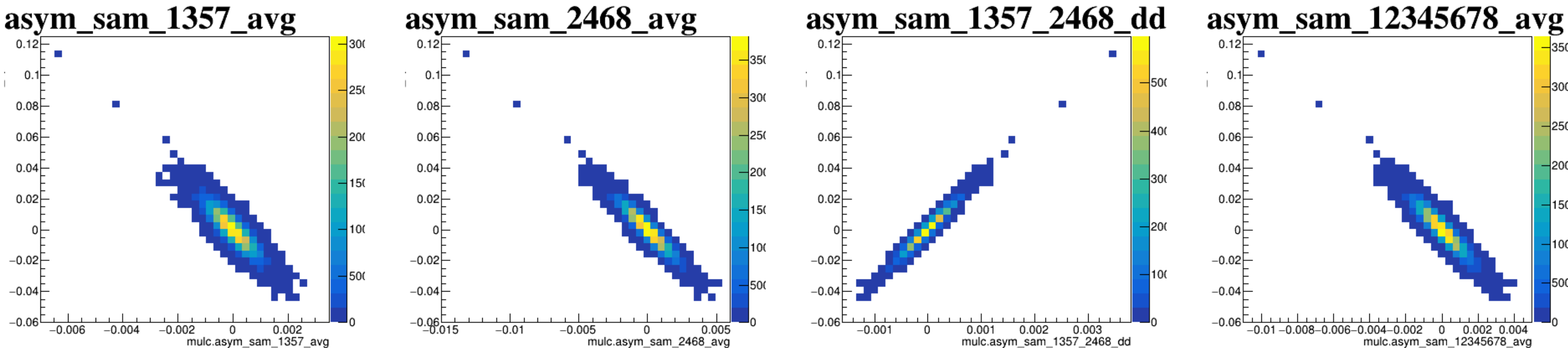
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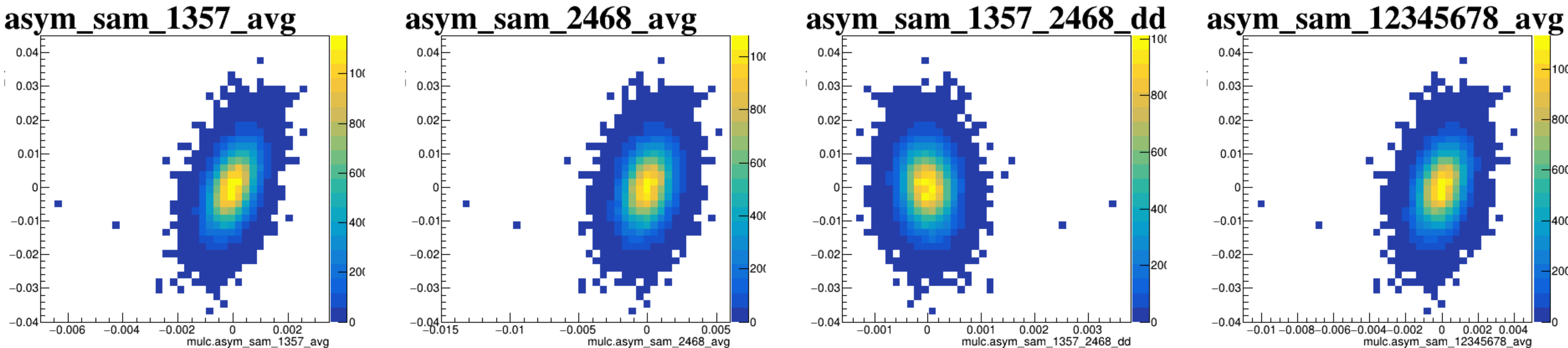
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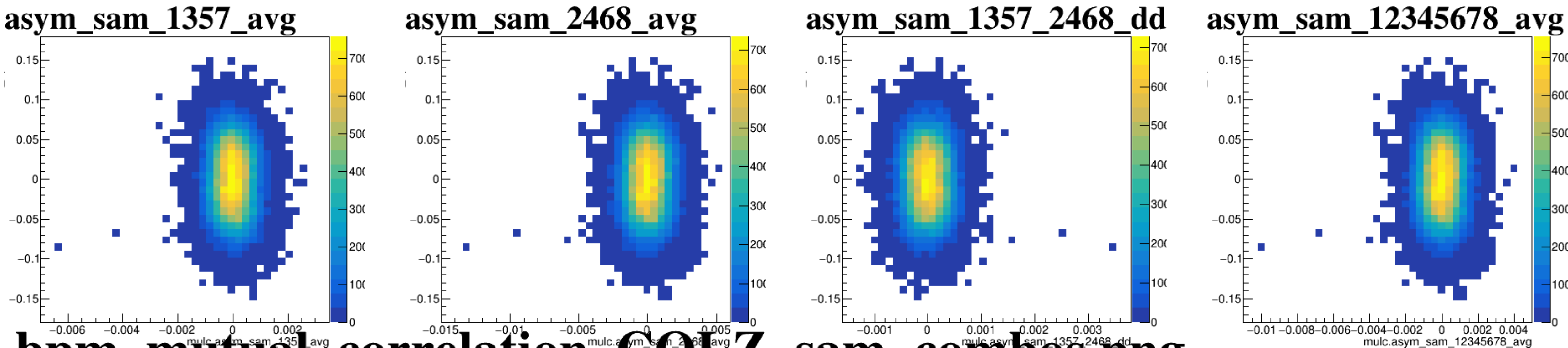
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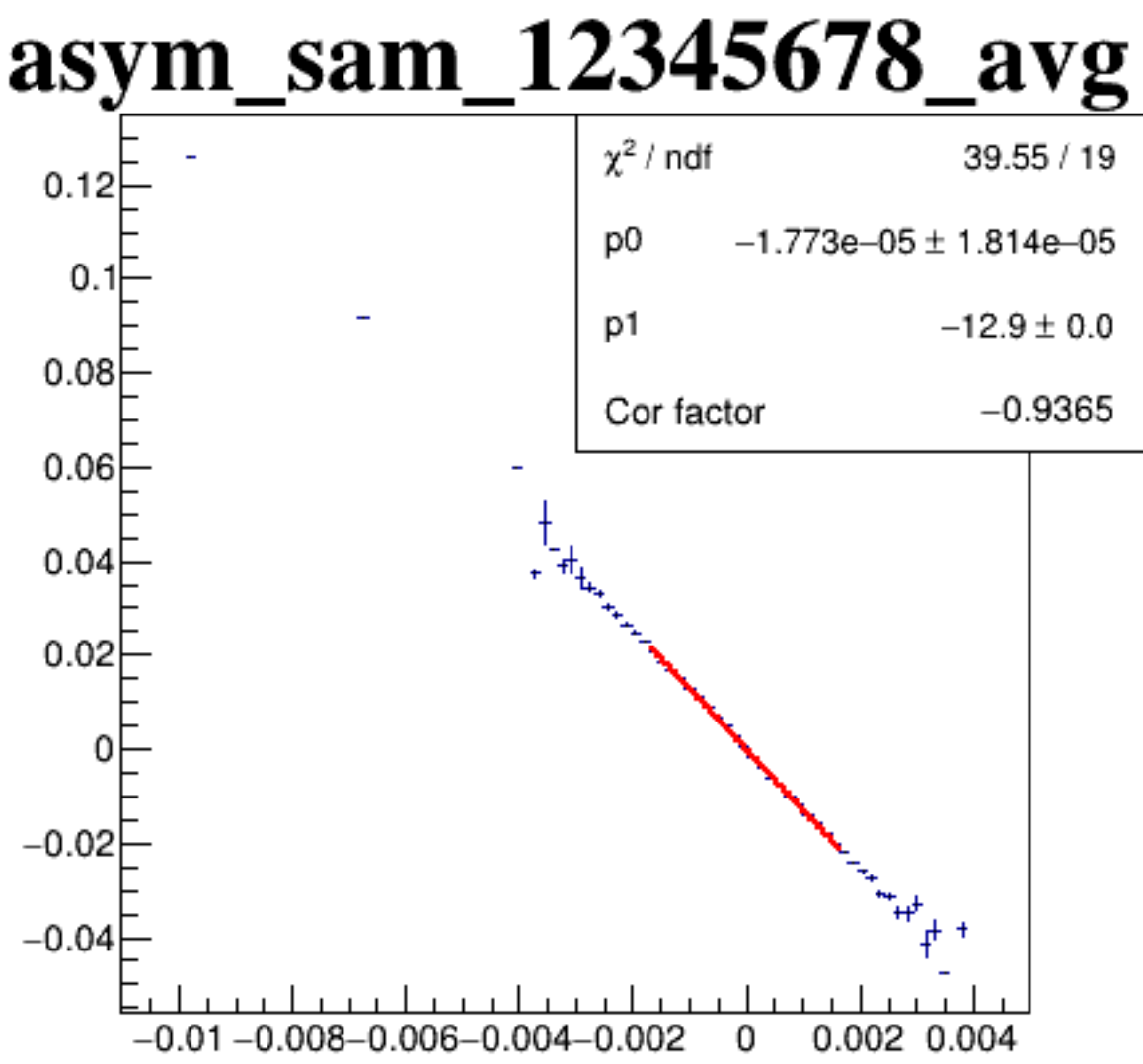
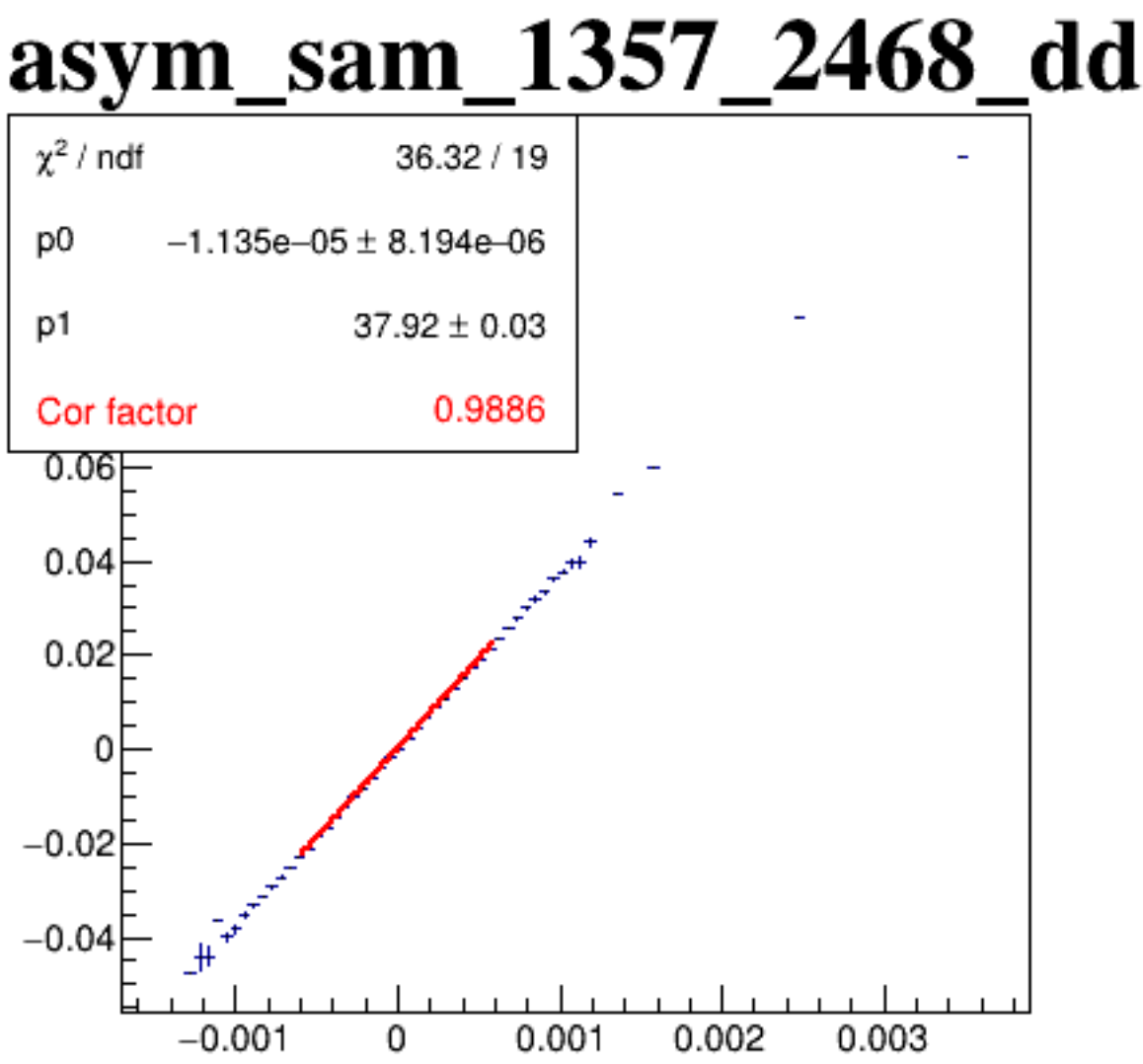
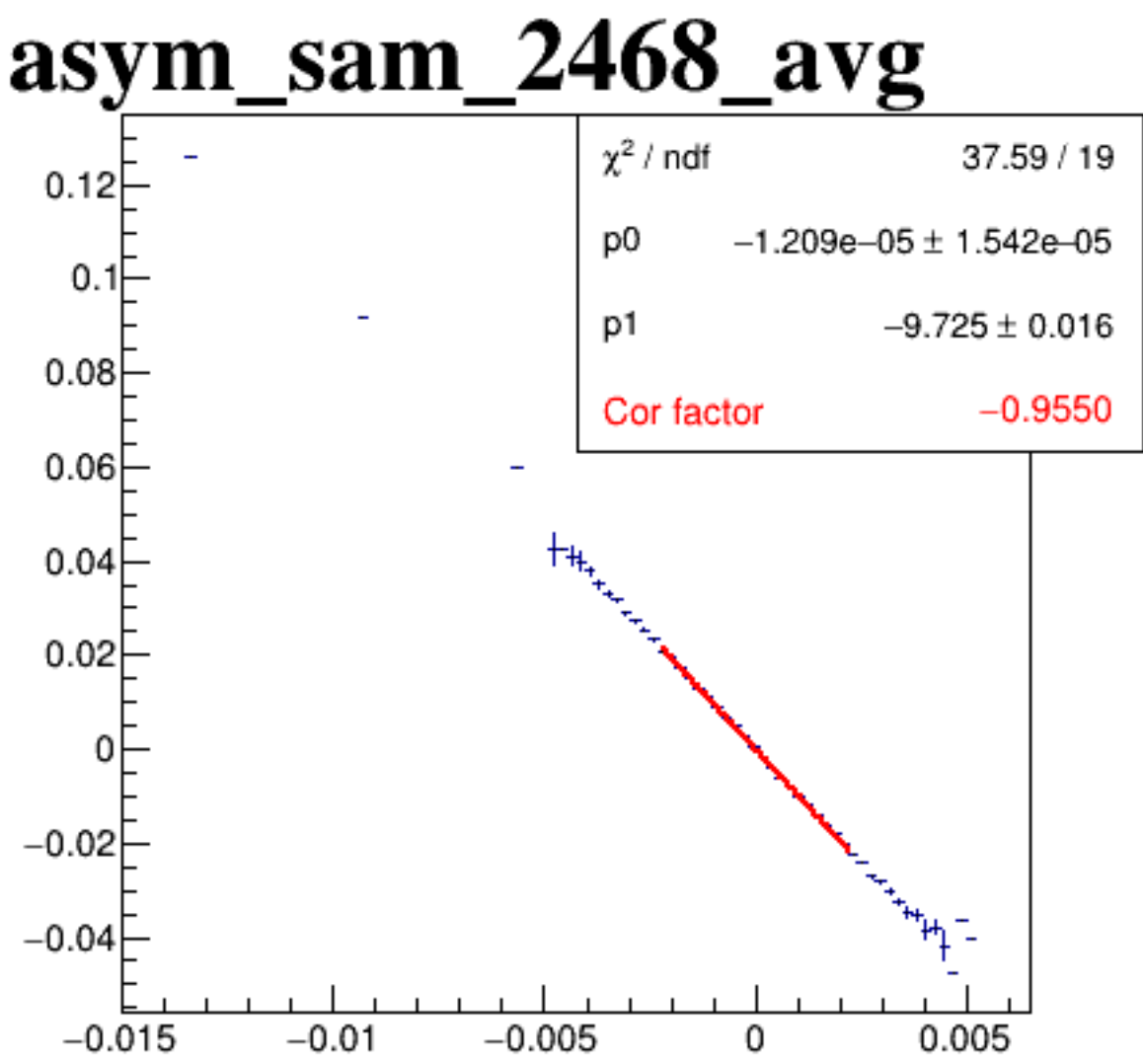
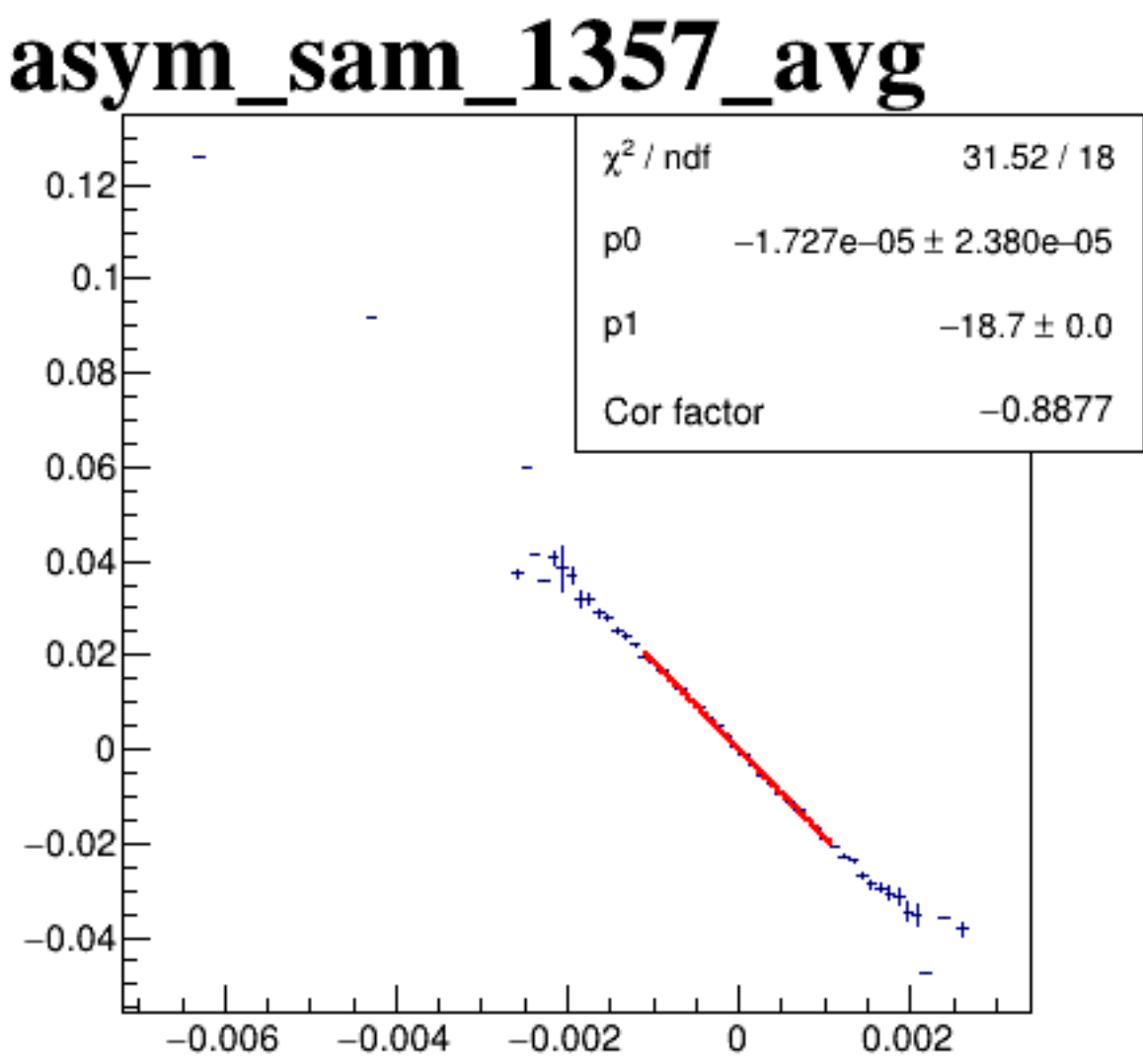
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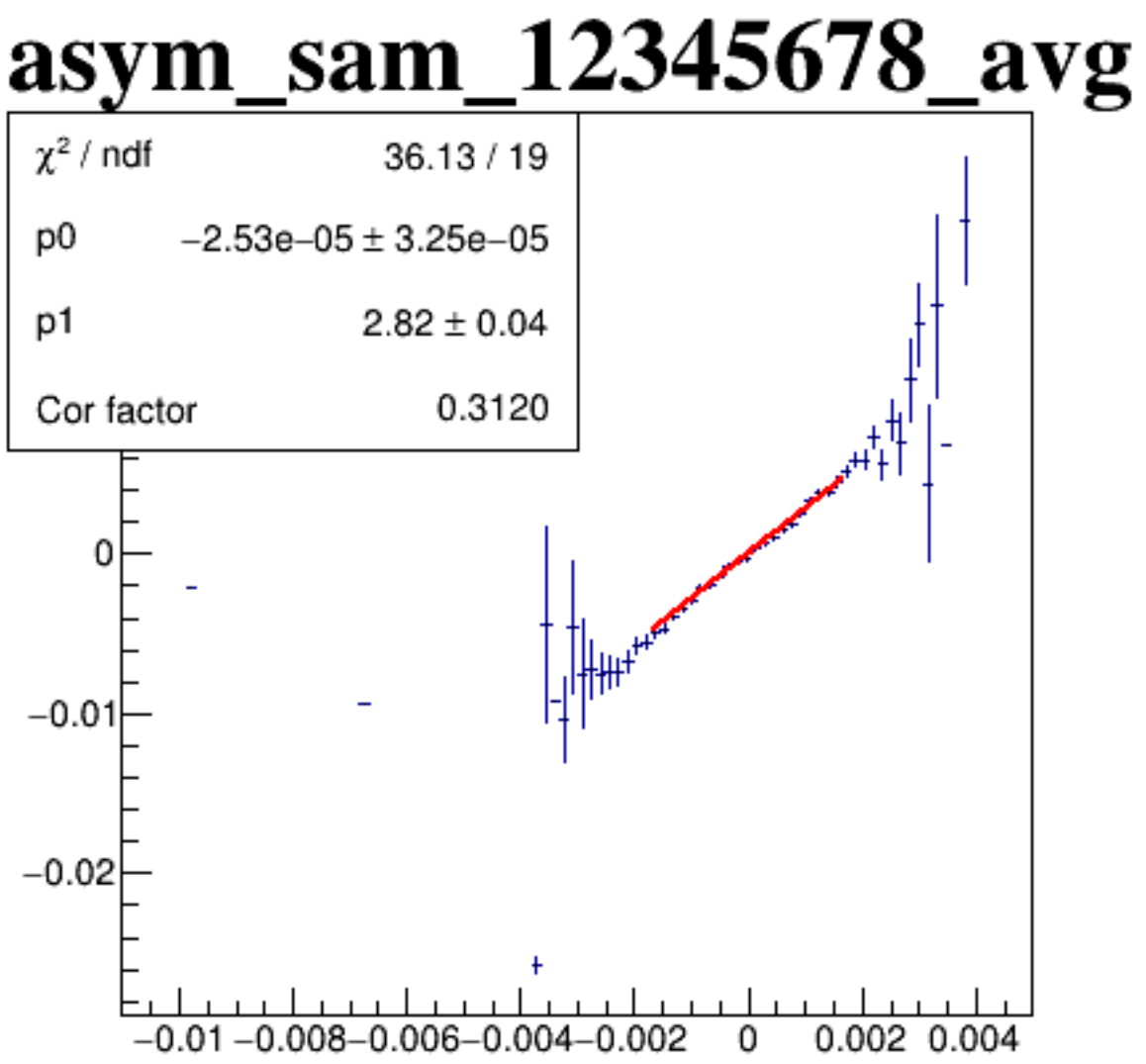
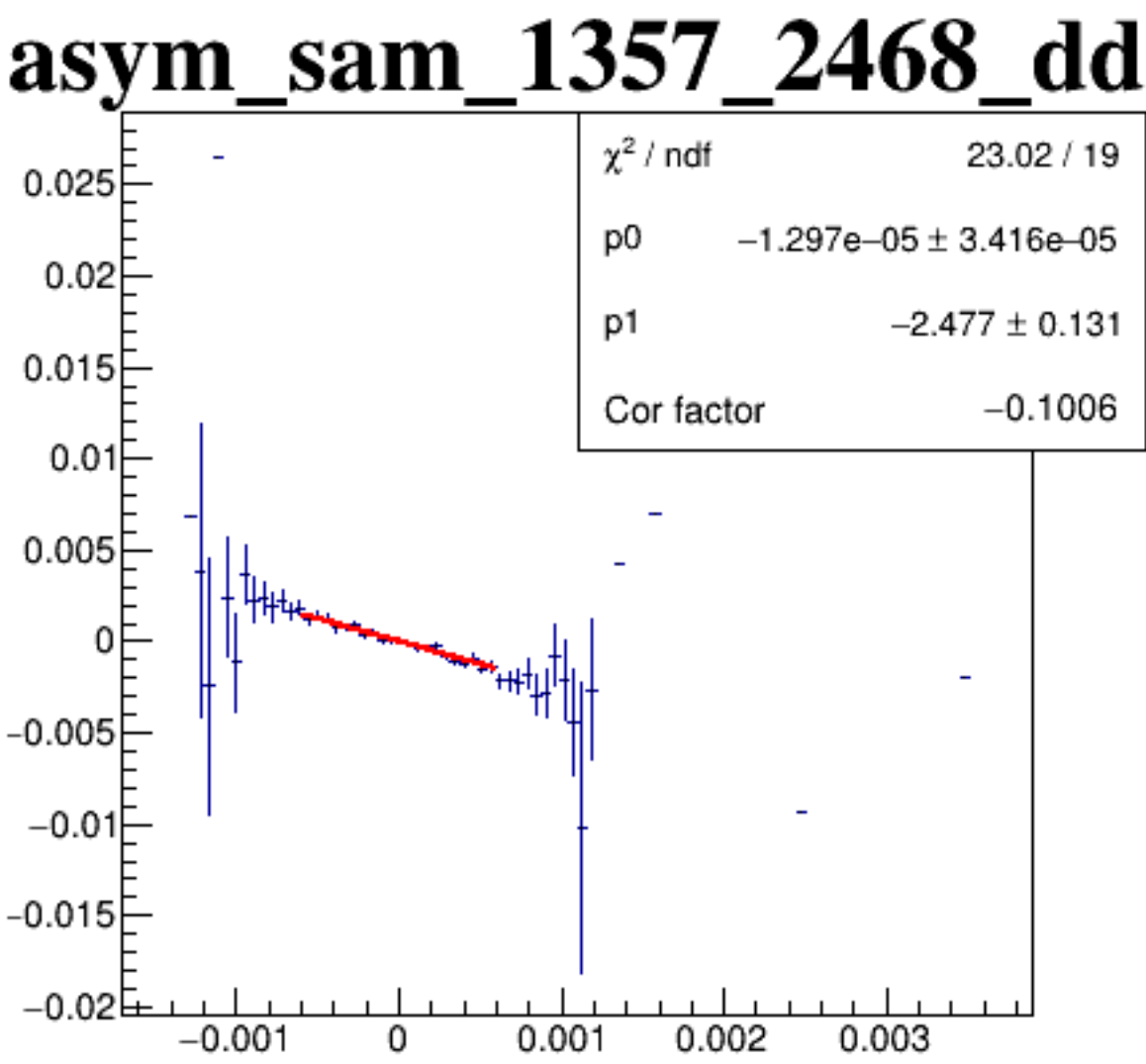
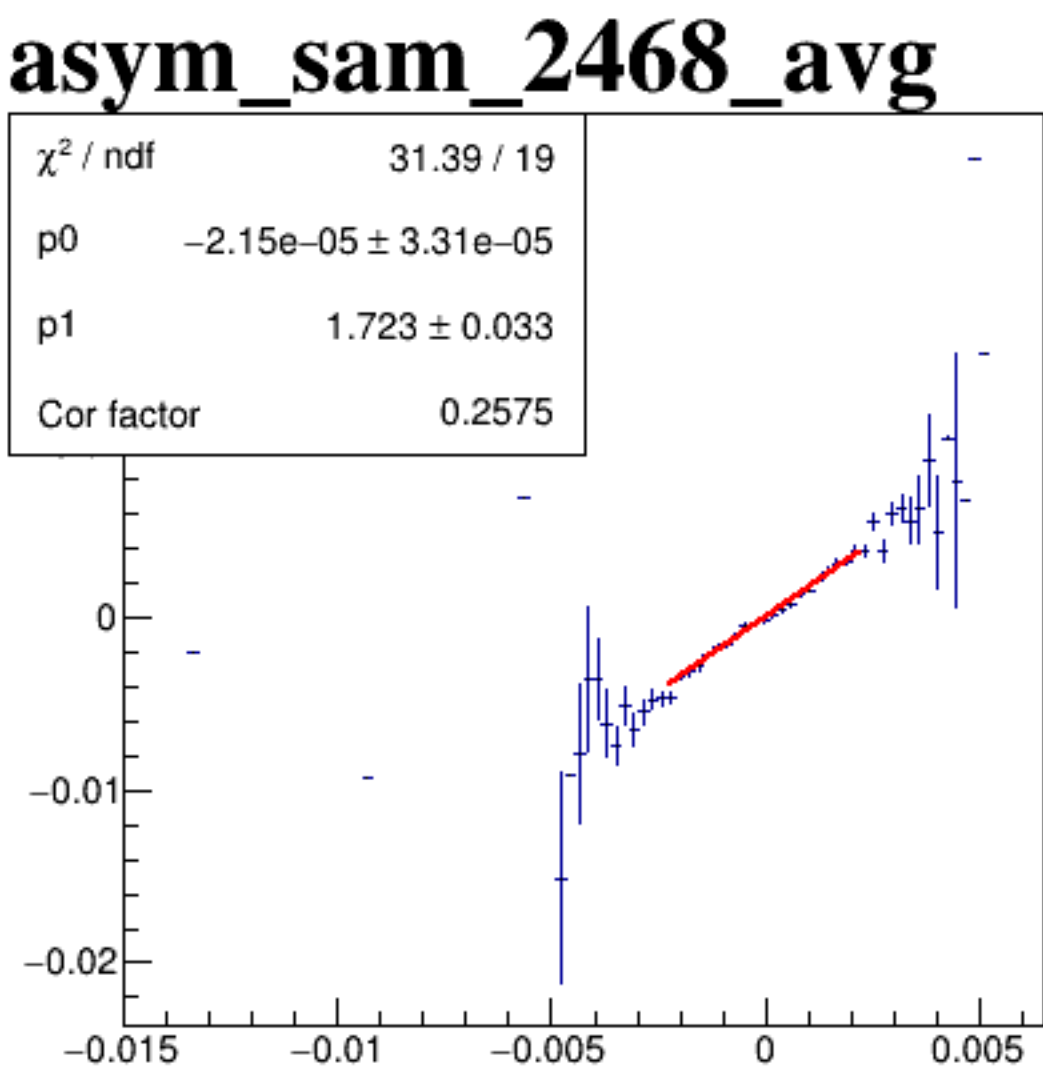
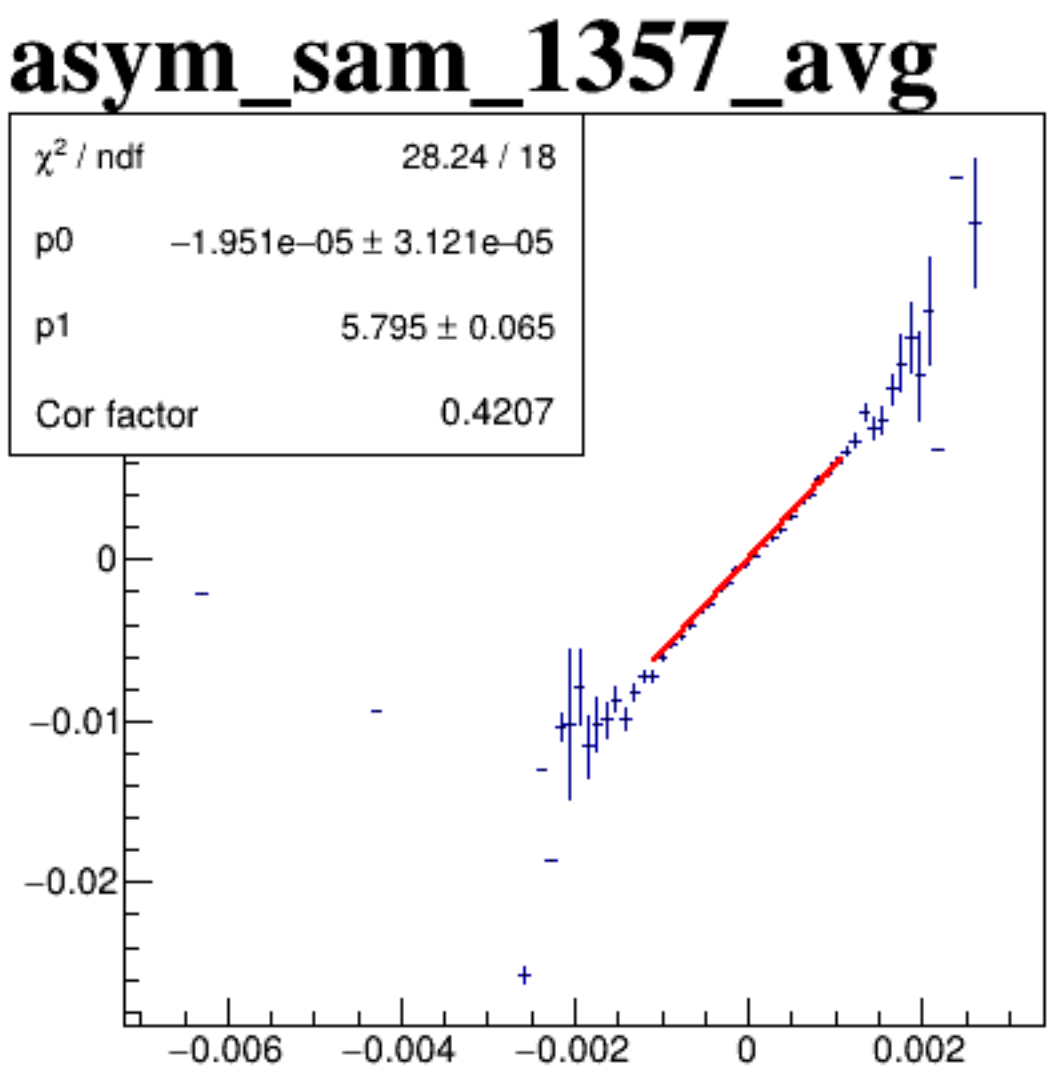
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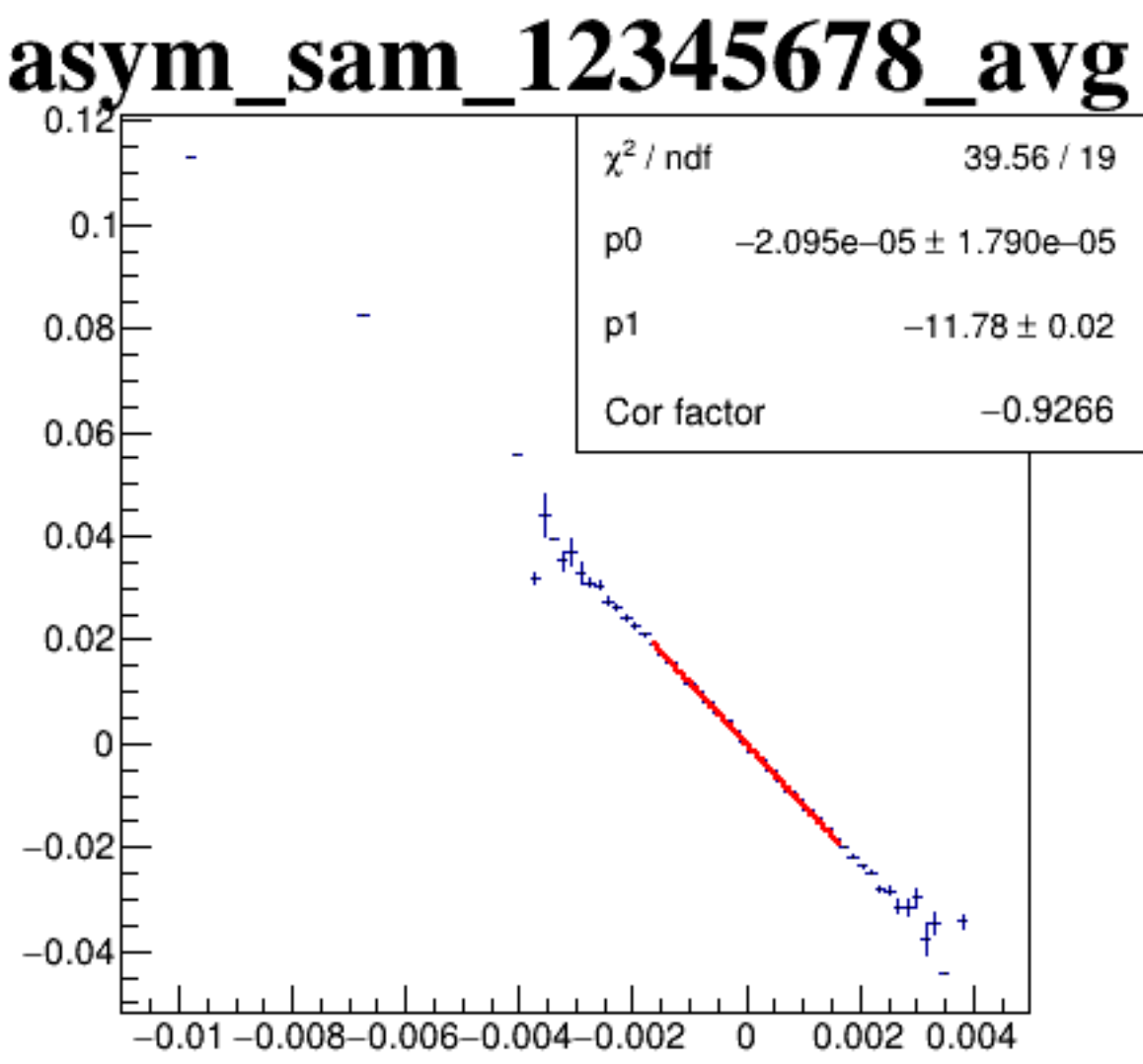
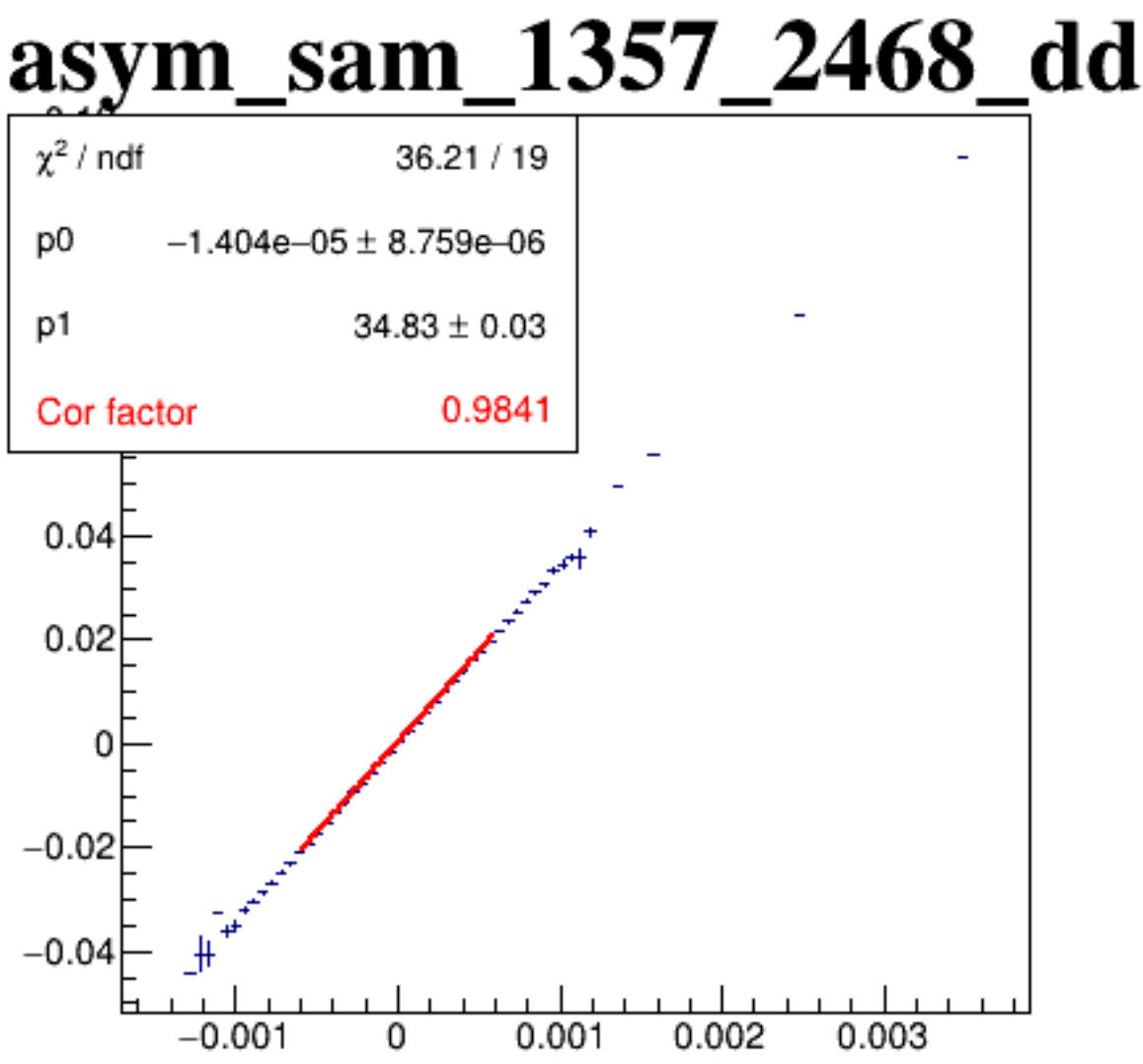
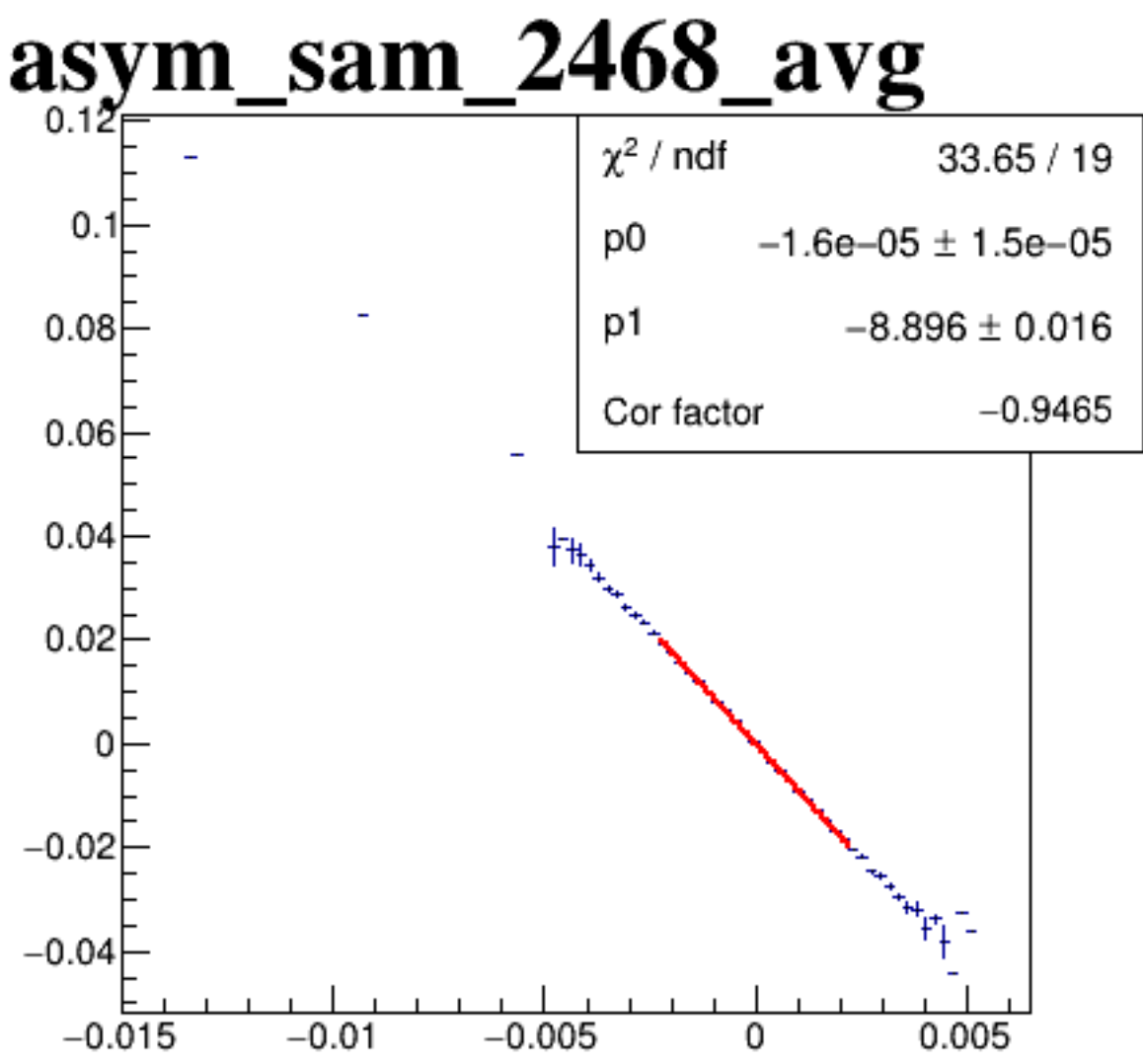
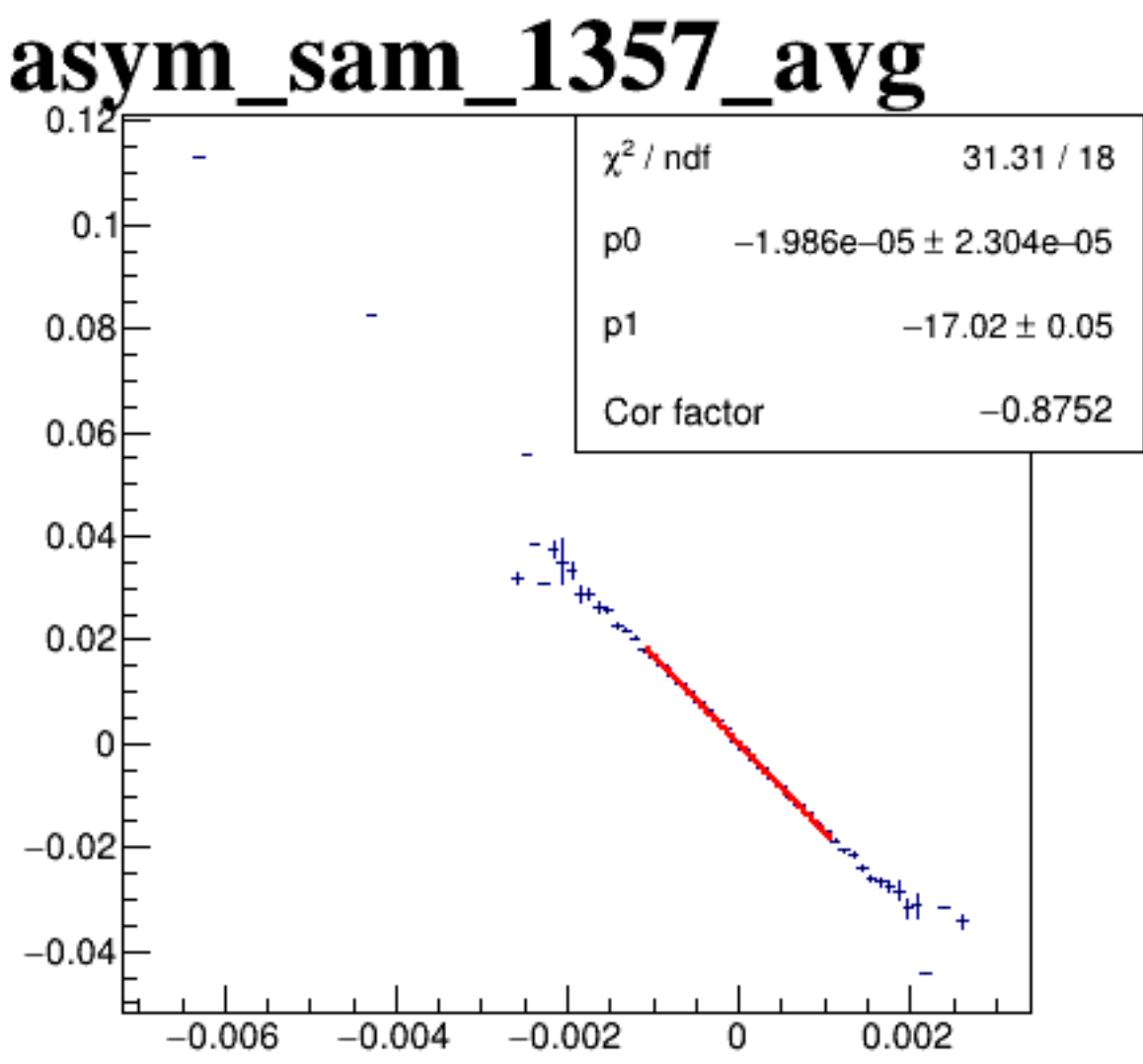
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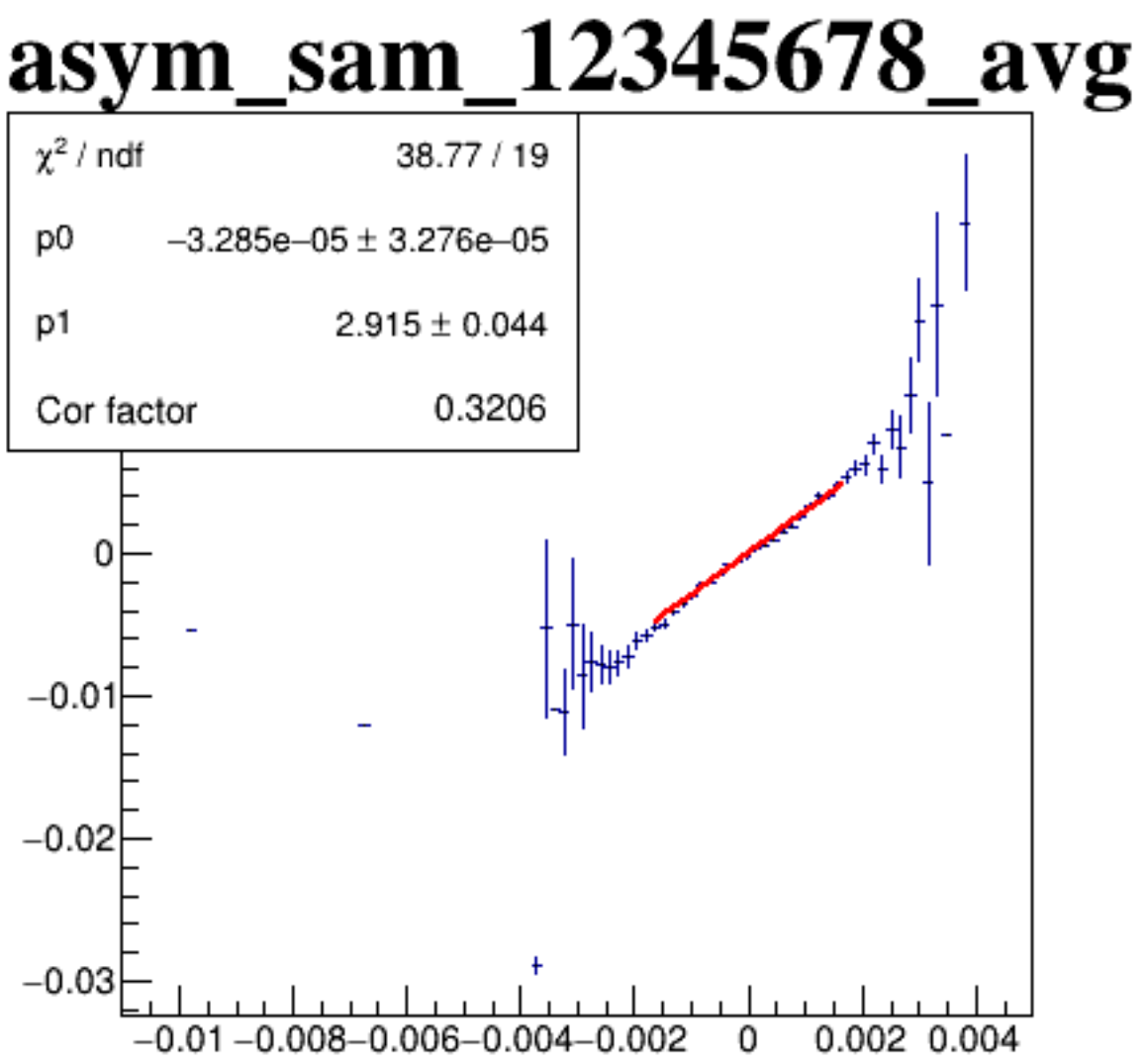
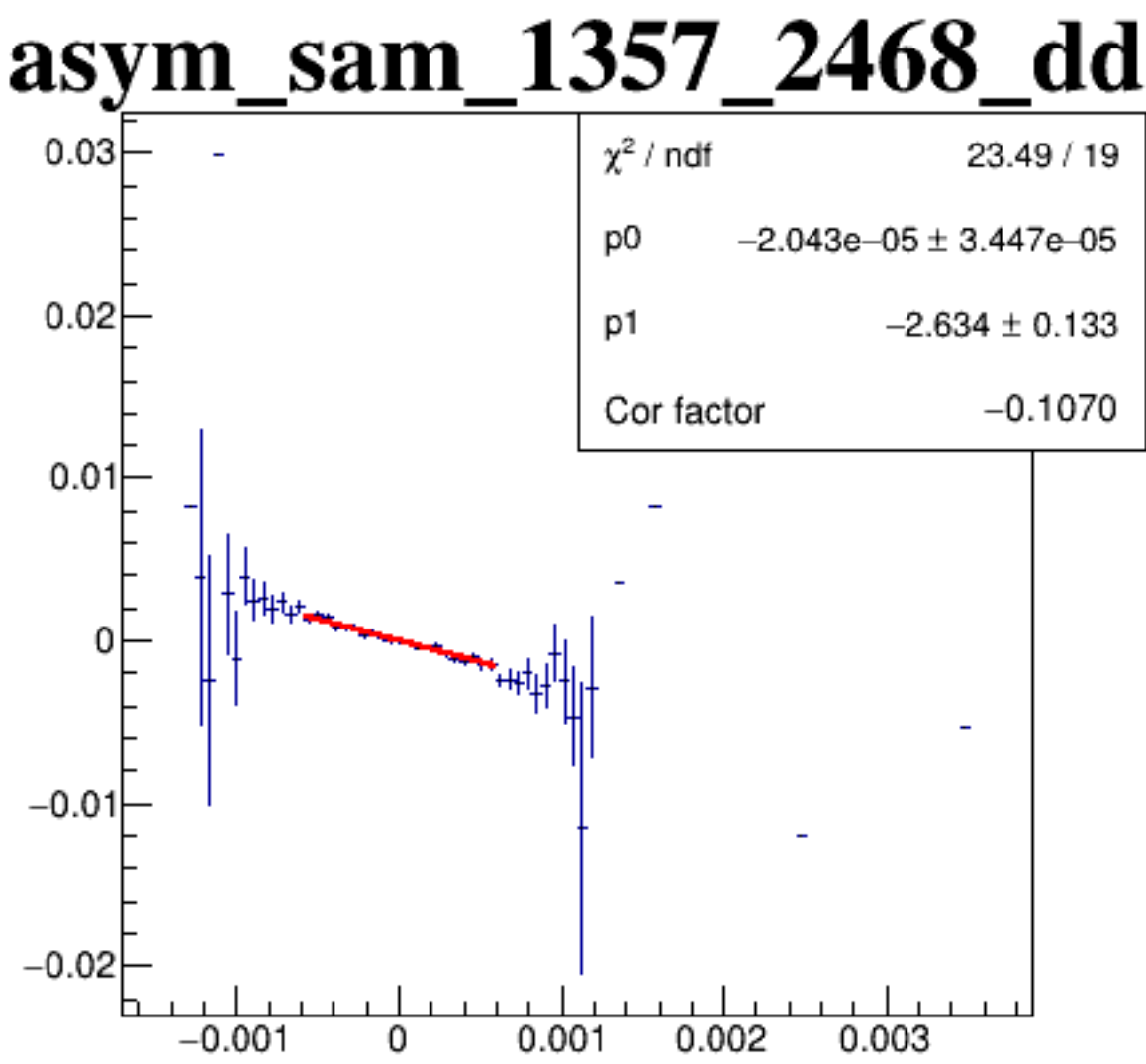
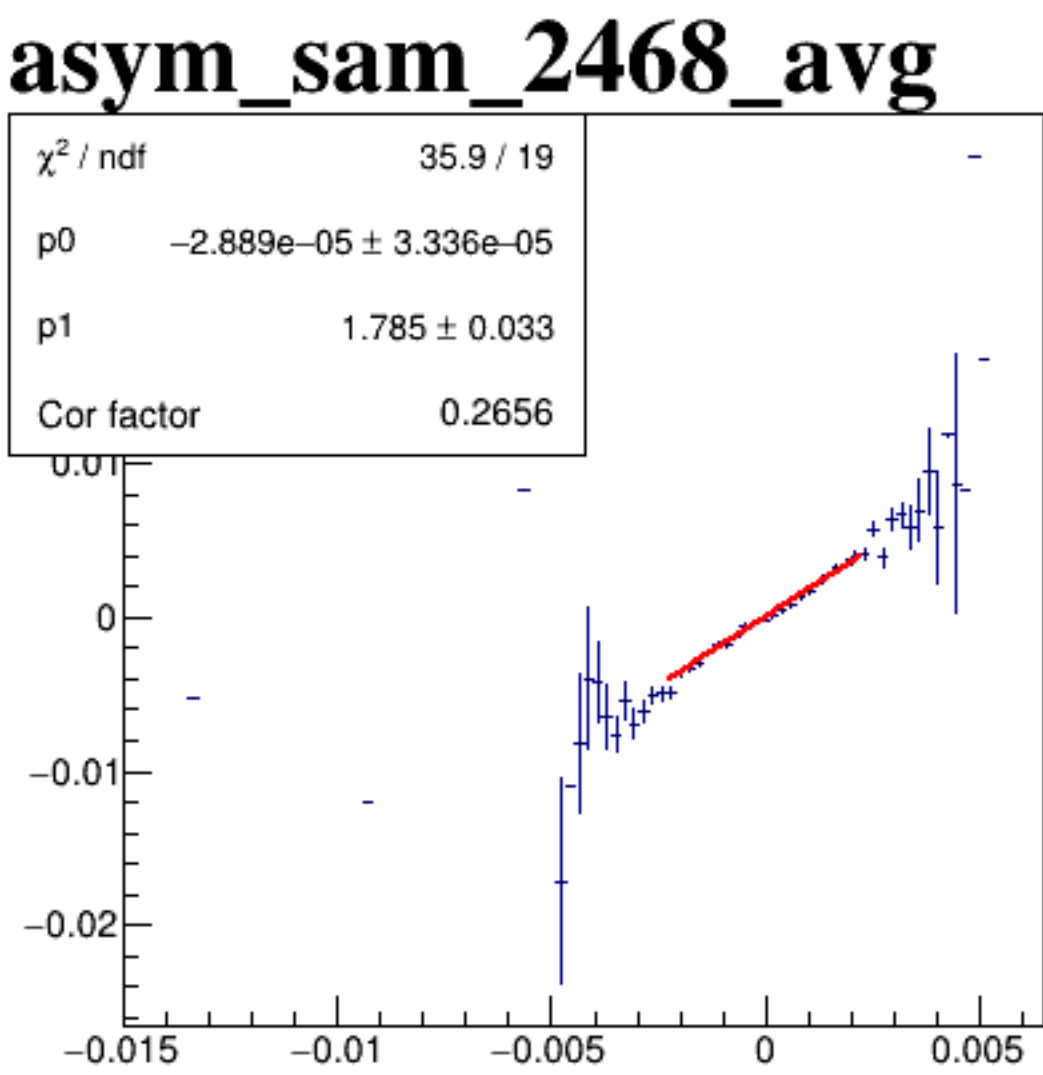
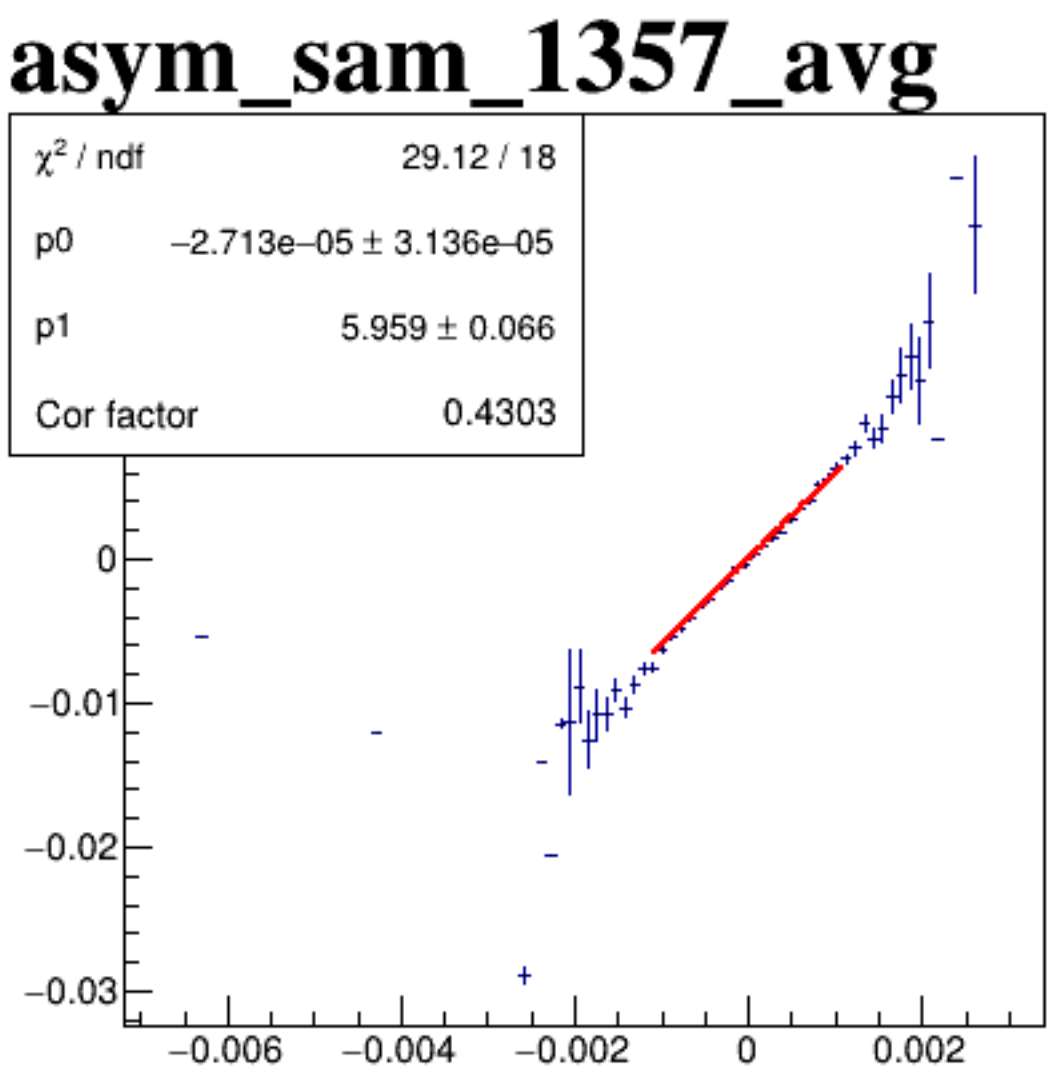
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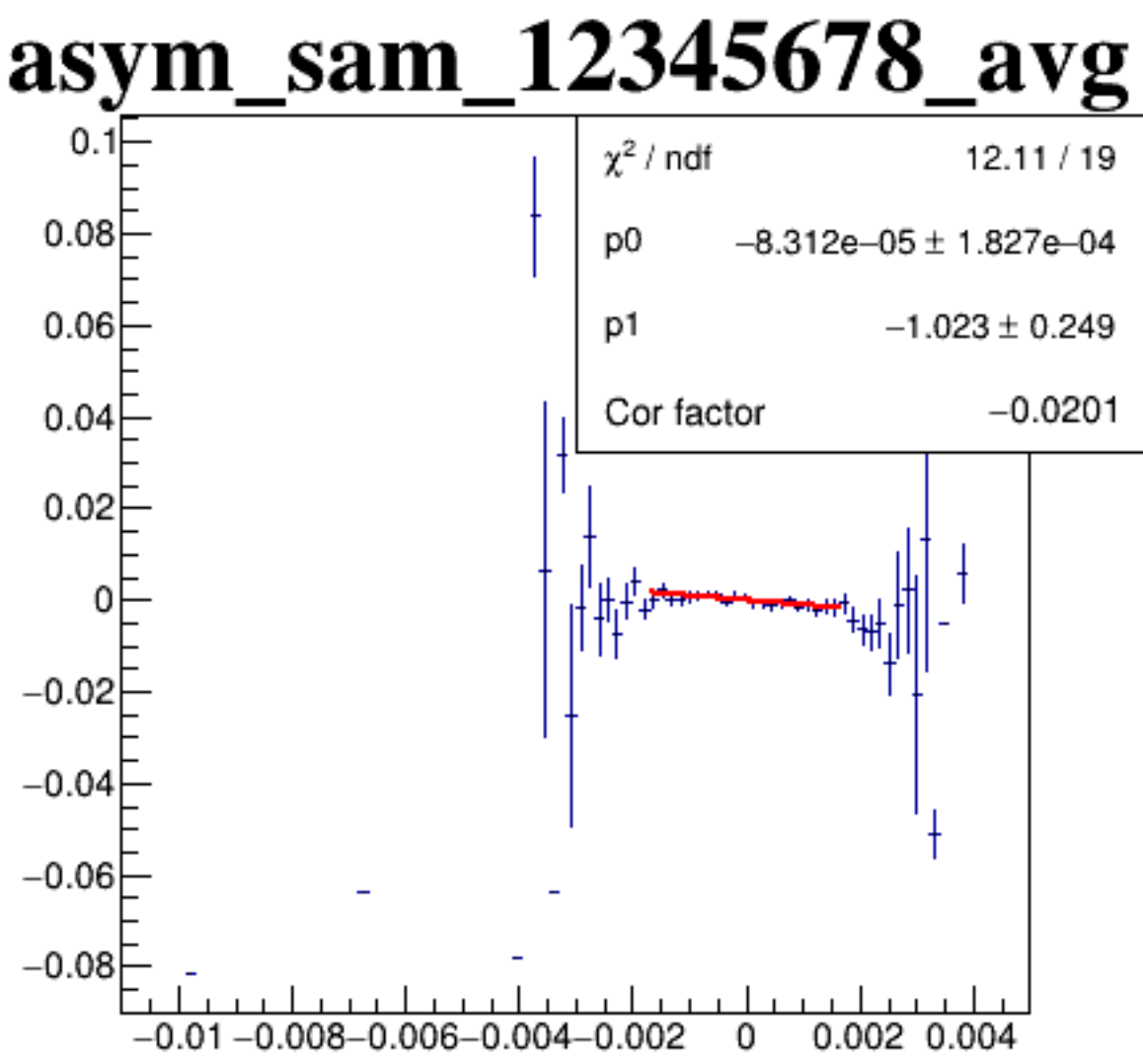
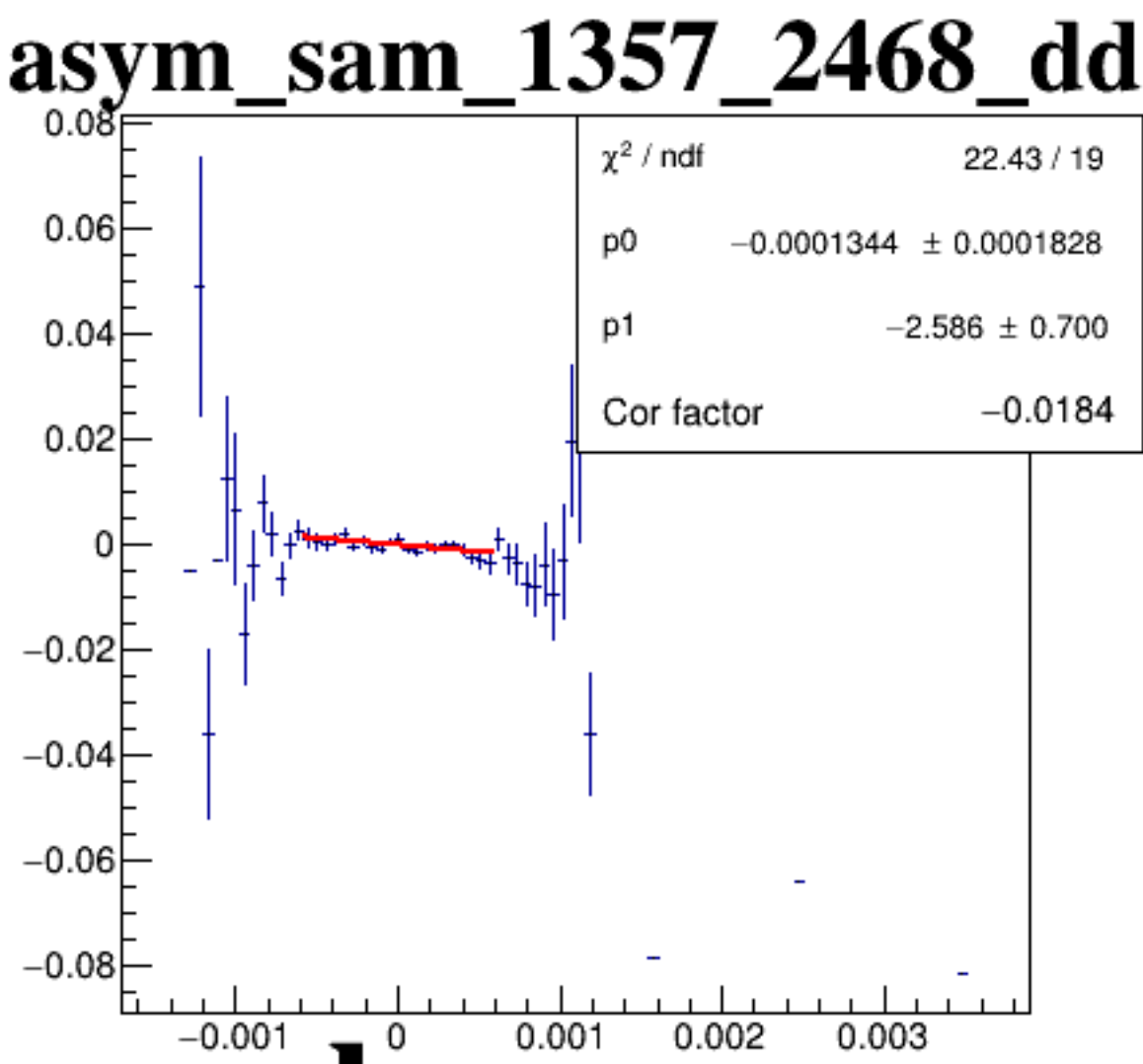
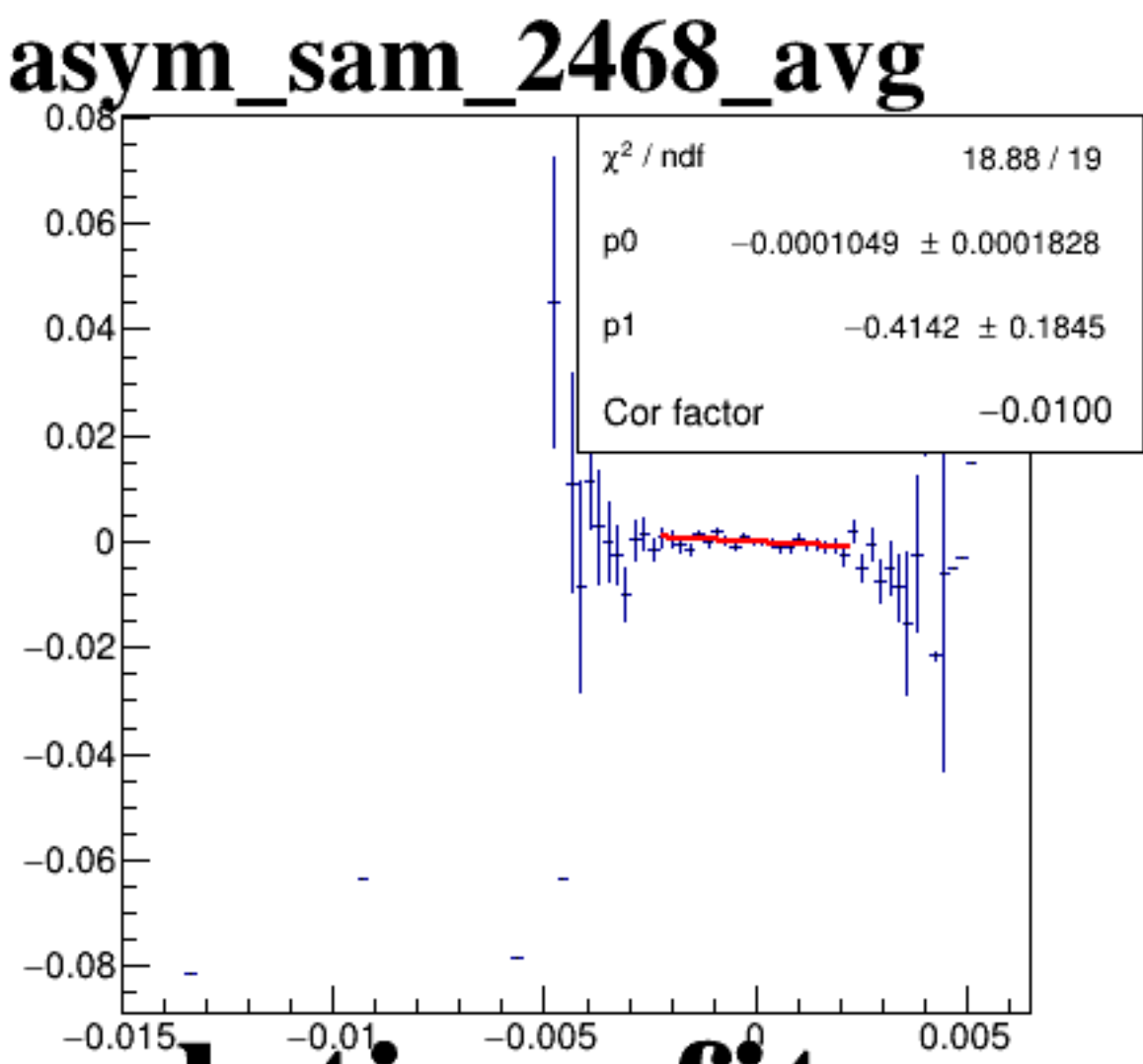
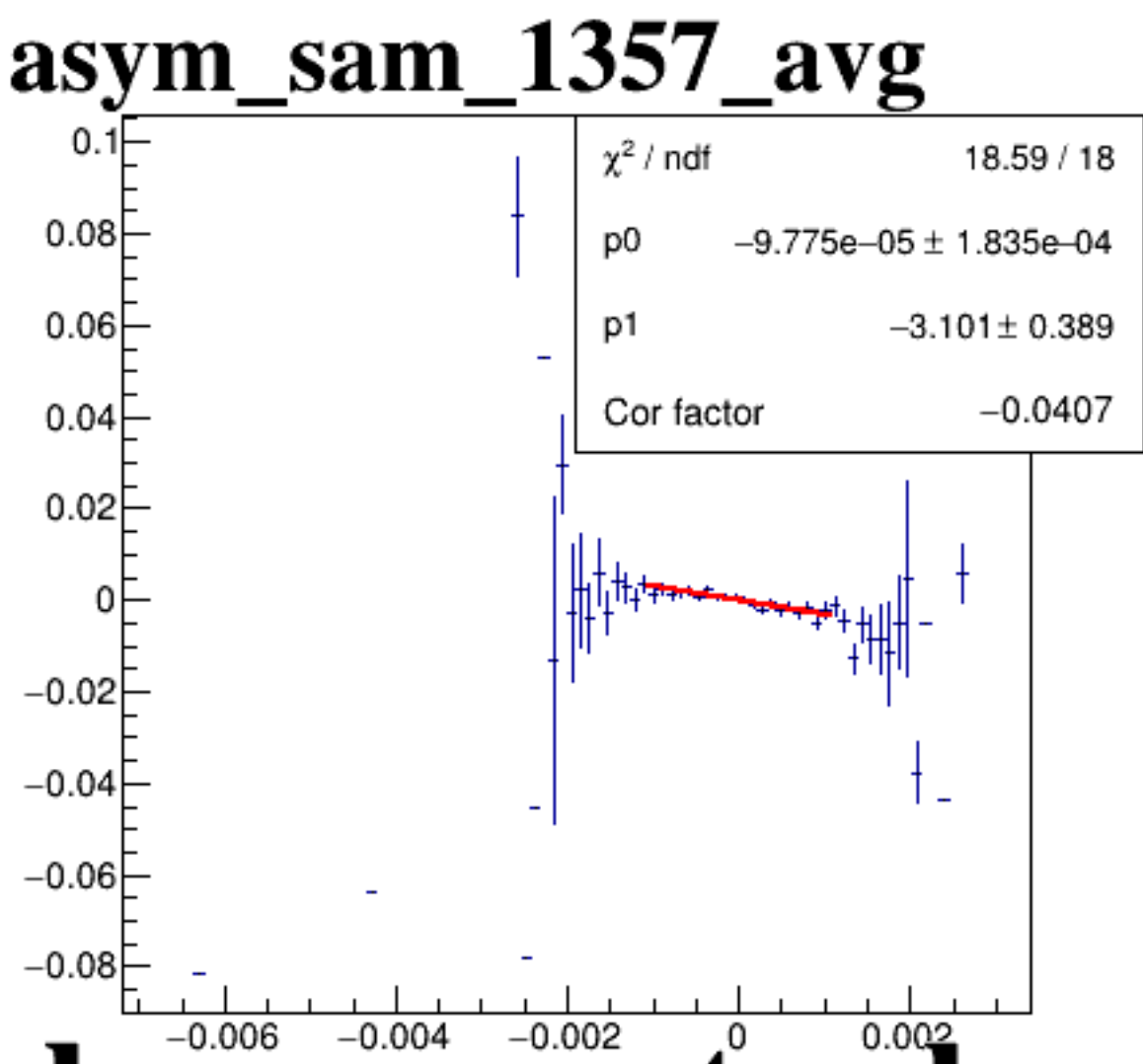
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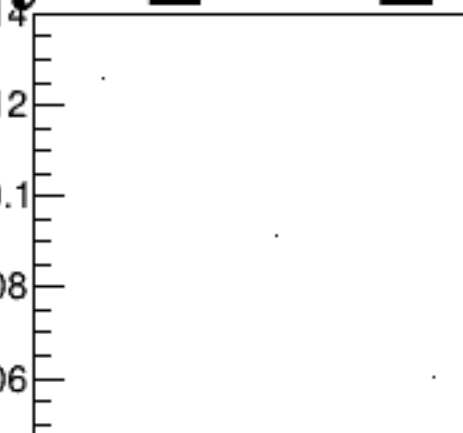


diff_bpm4eY



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 -0.06 to 0.14, and the x-axis ranges from -0.01 to 0.004. The data points form a dense, elongated cluster along a diagonal line, indicating a strong positive correlation.



A scatter plot showing the relationship between the average asymmetry of the sample, $\text{asym_sam_12345678_avg}$, and the average asymmetry of the multiplicity distribution, $\text{mulc.asym_sam_12345678_avg}$. The x-axis ranges from -0.01 to 0.004, and the y-axis ranges from -0.04 to 0.04. The data points are densely clustered around the origin (0,0), forming an elliptical shape elongated along the diagonal, indicating a strong positive correlation between the two variables.

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 -0.06 to 0.12, and the x-axis ranges from -0.01 to 0.004. The data points form a dense, elongated cluster along a diagonal line, indicating a strong positive correlation.