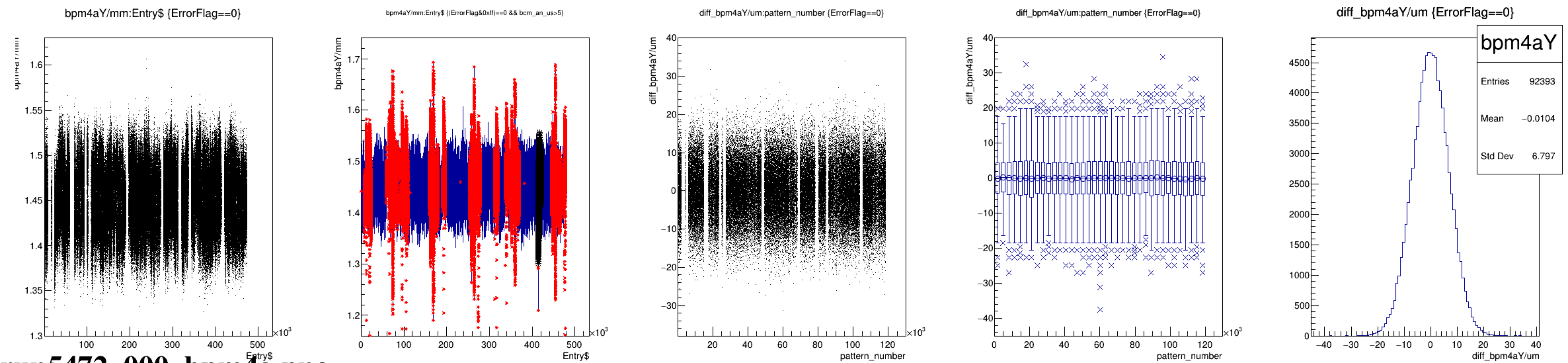
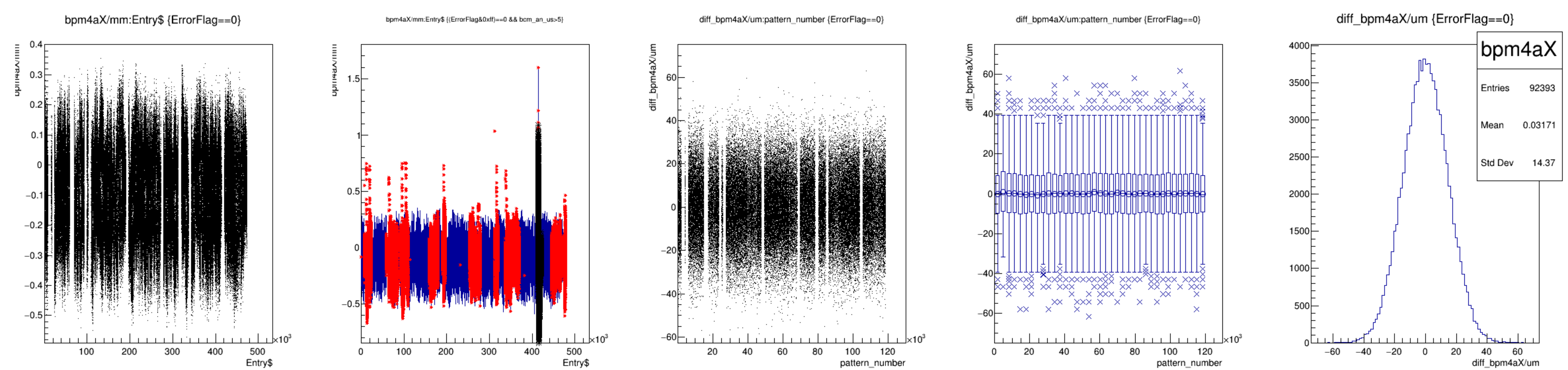
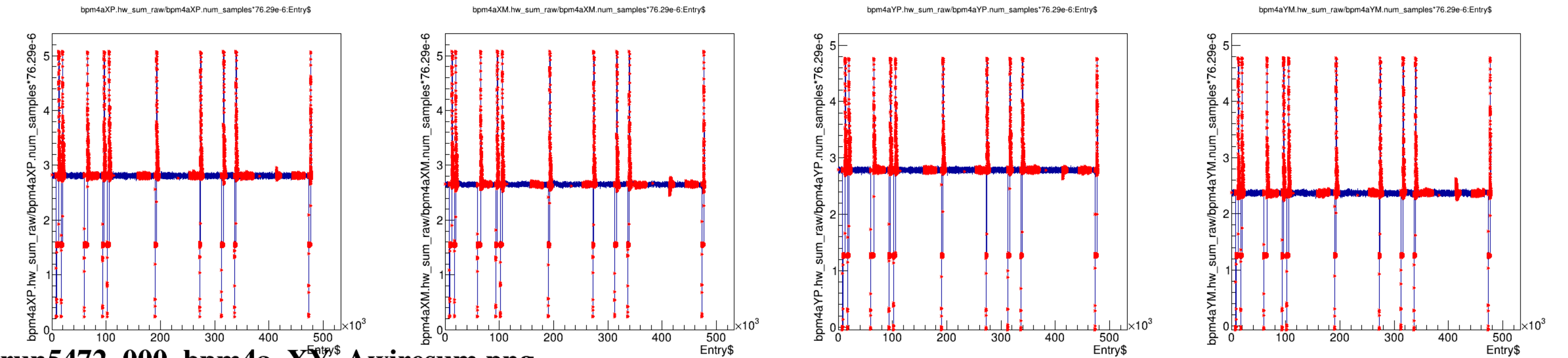
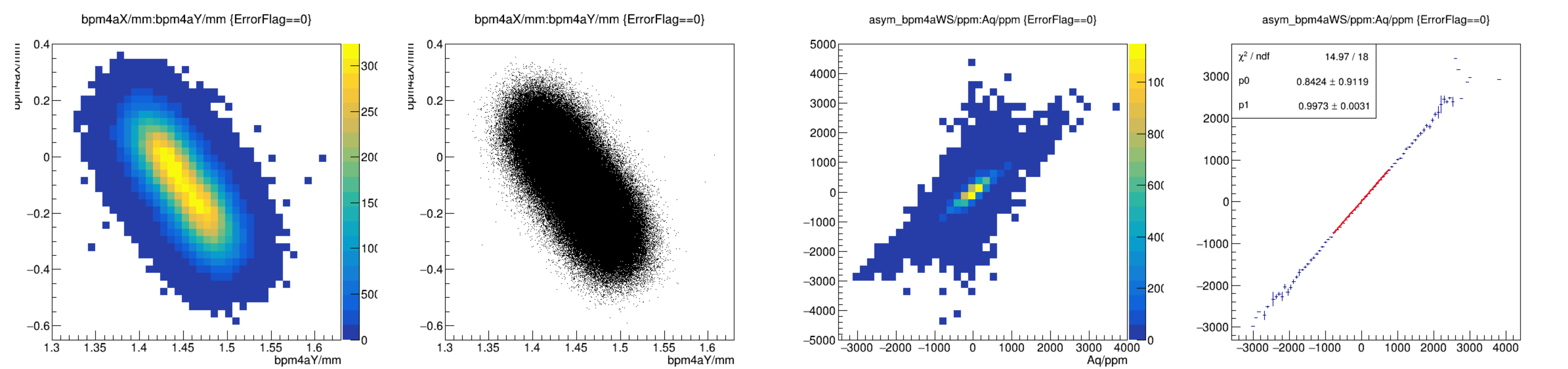
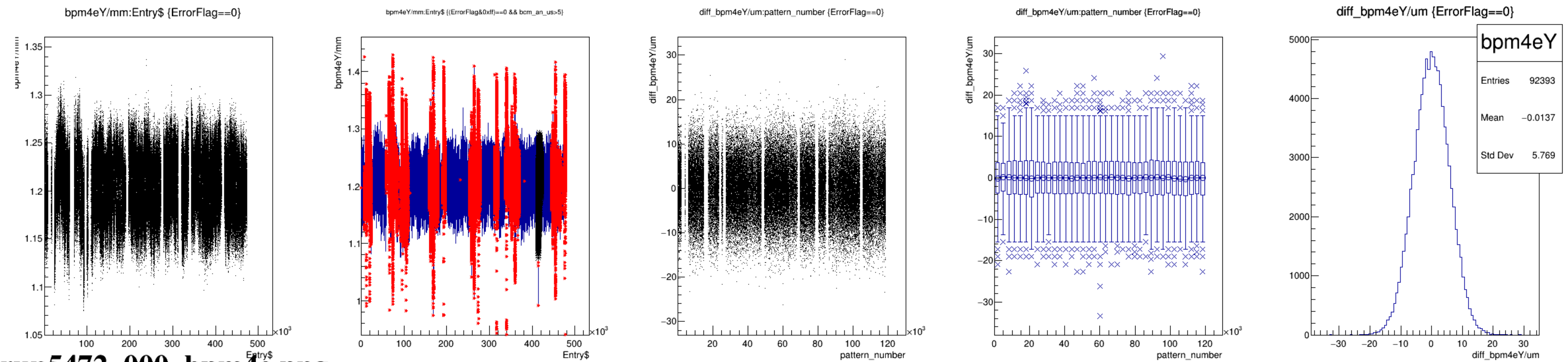
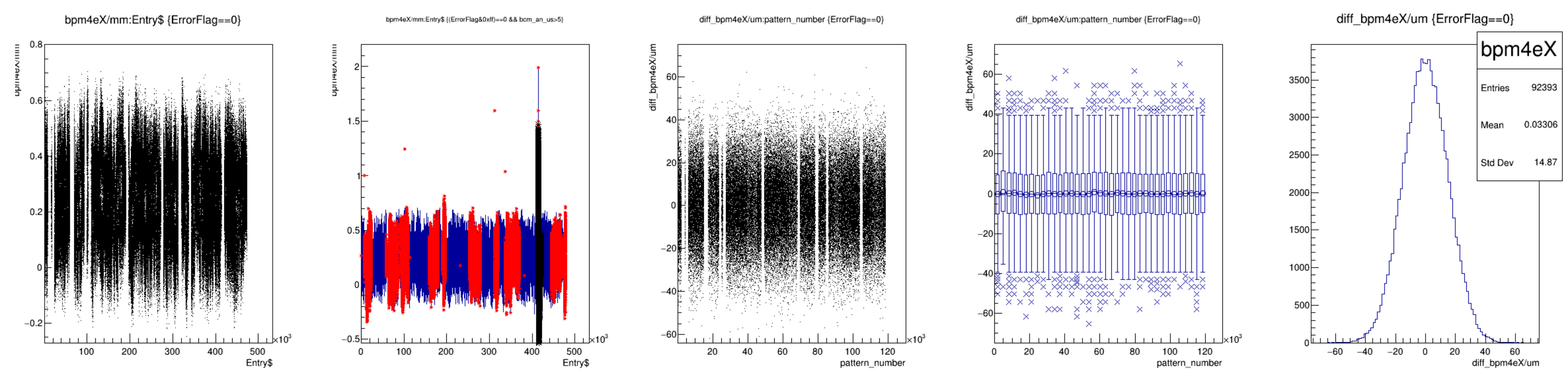
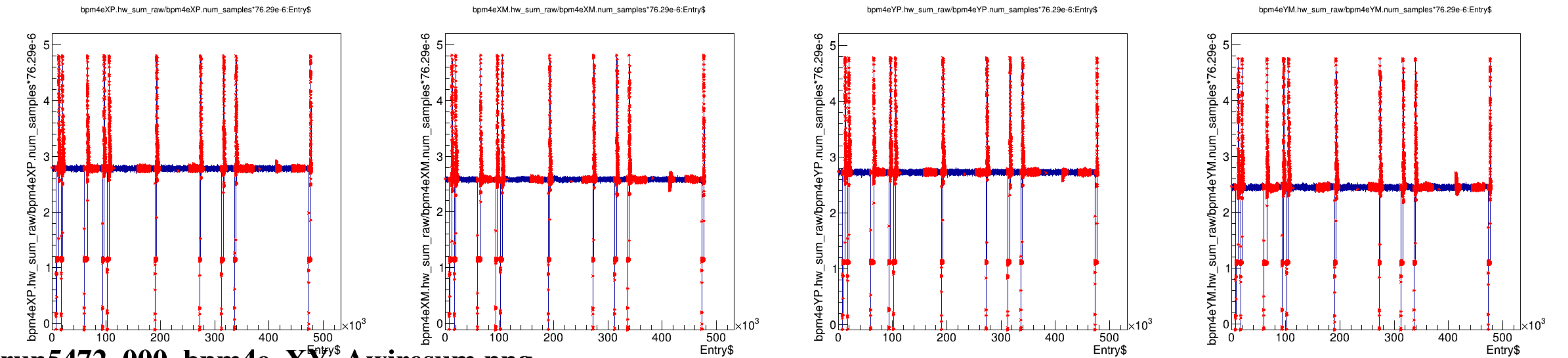
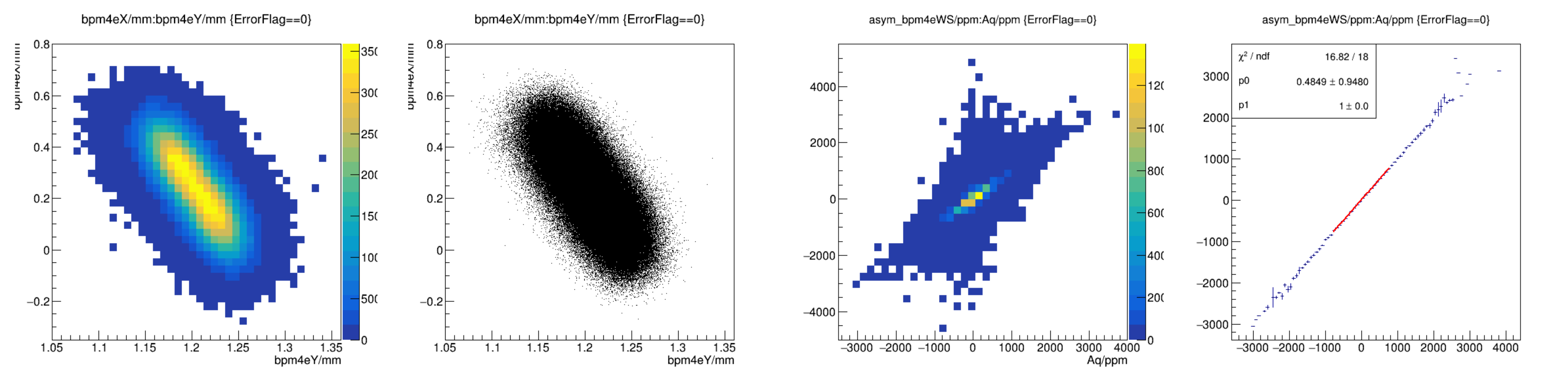




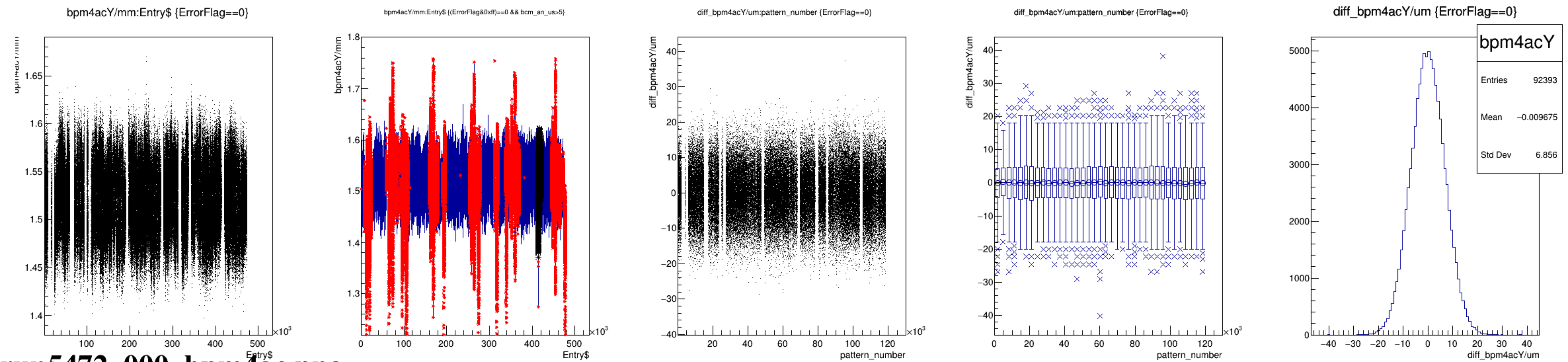
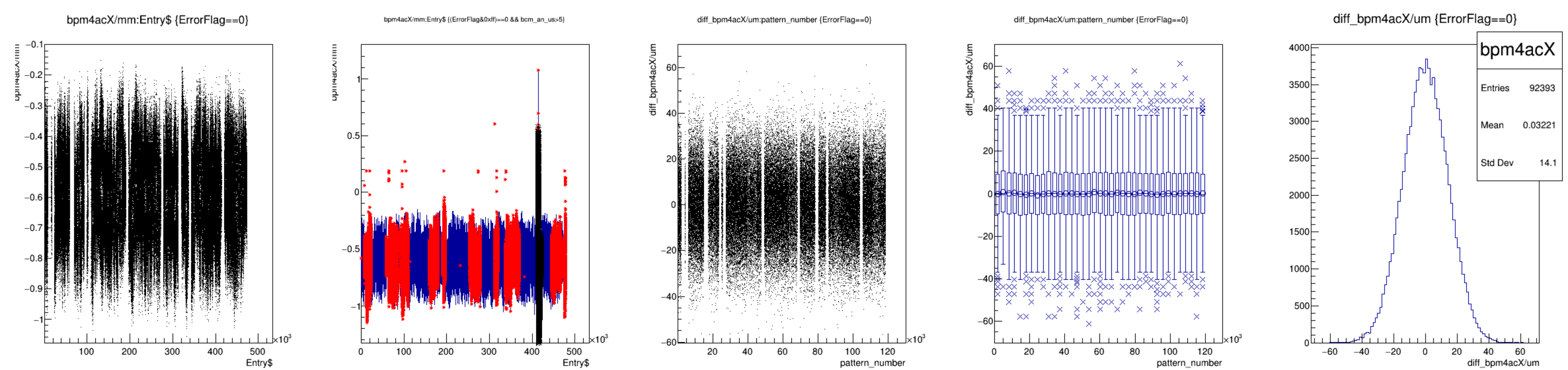


run5472_000_bpm4a_XY_Awiresum.png

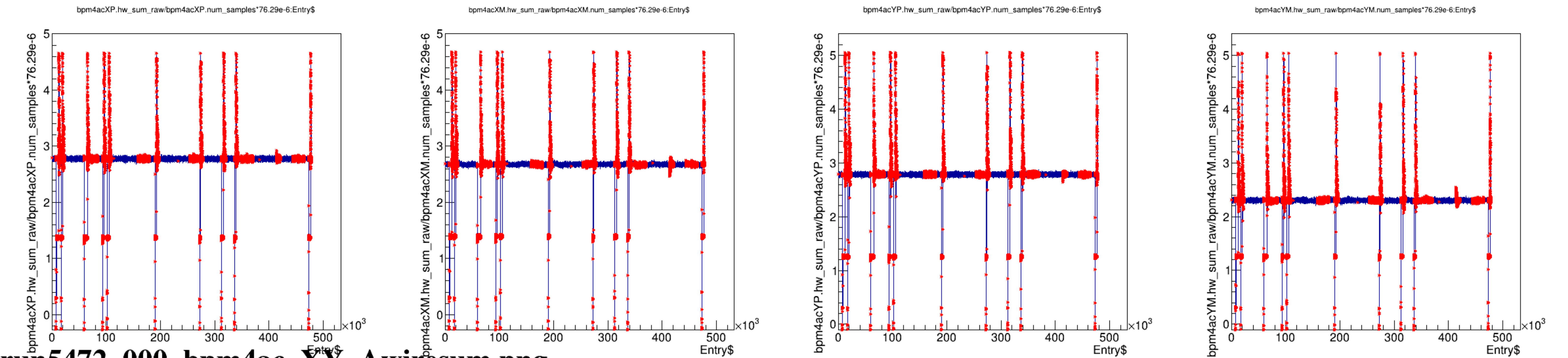
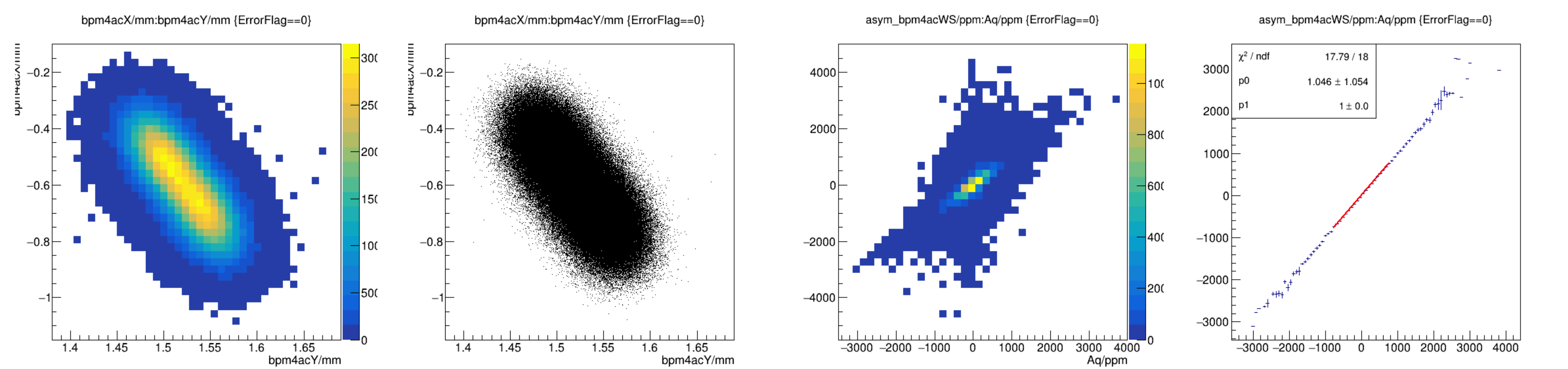




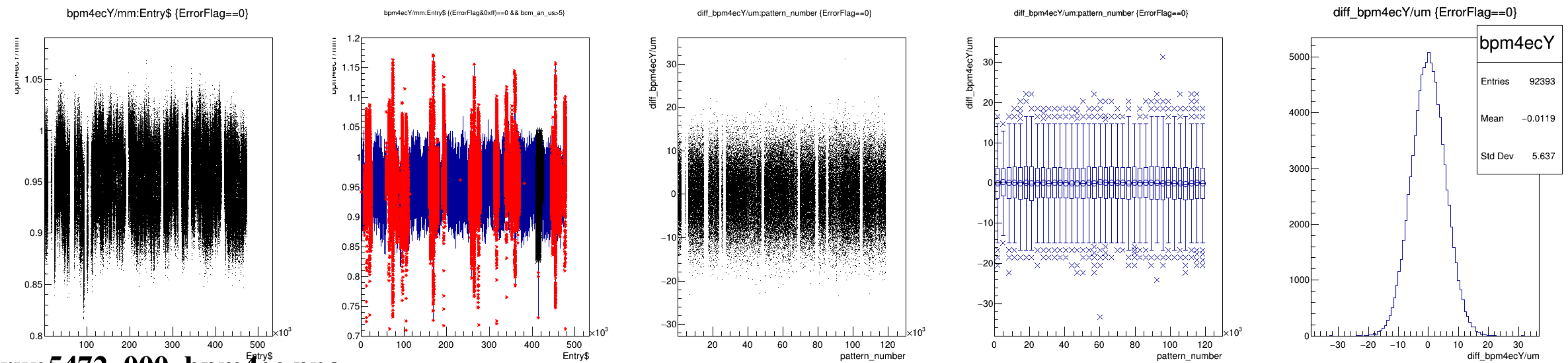
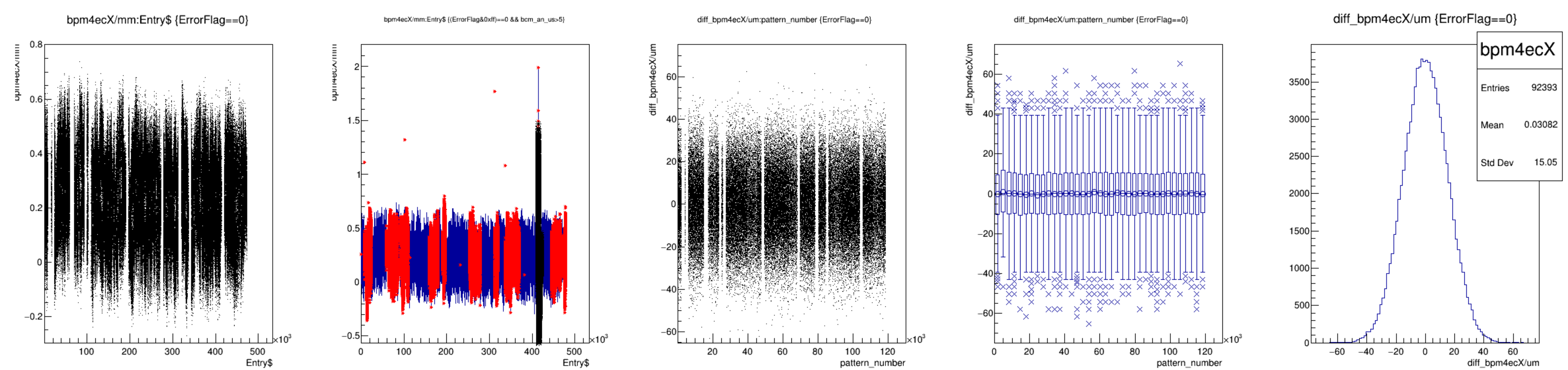
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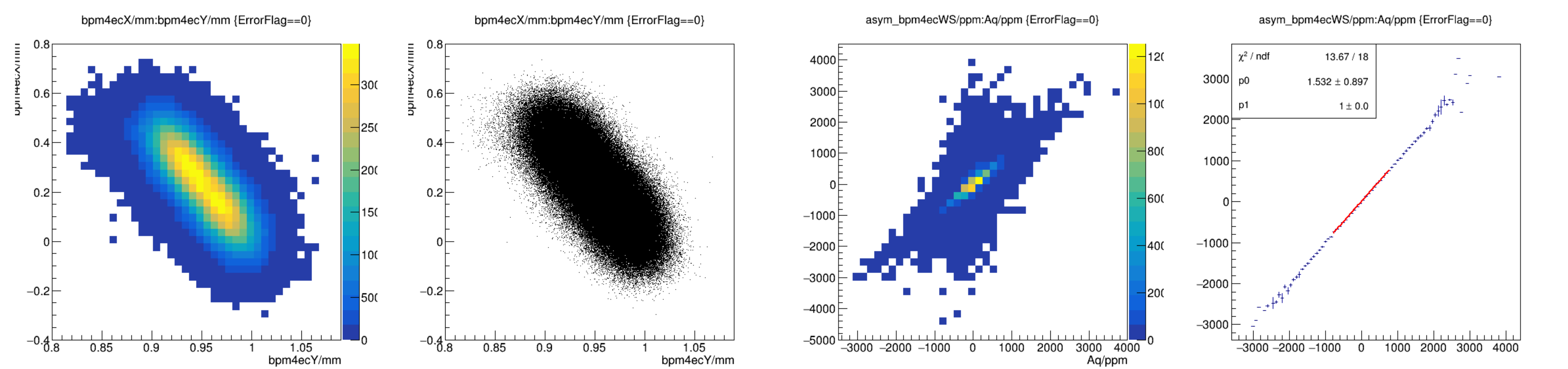


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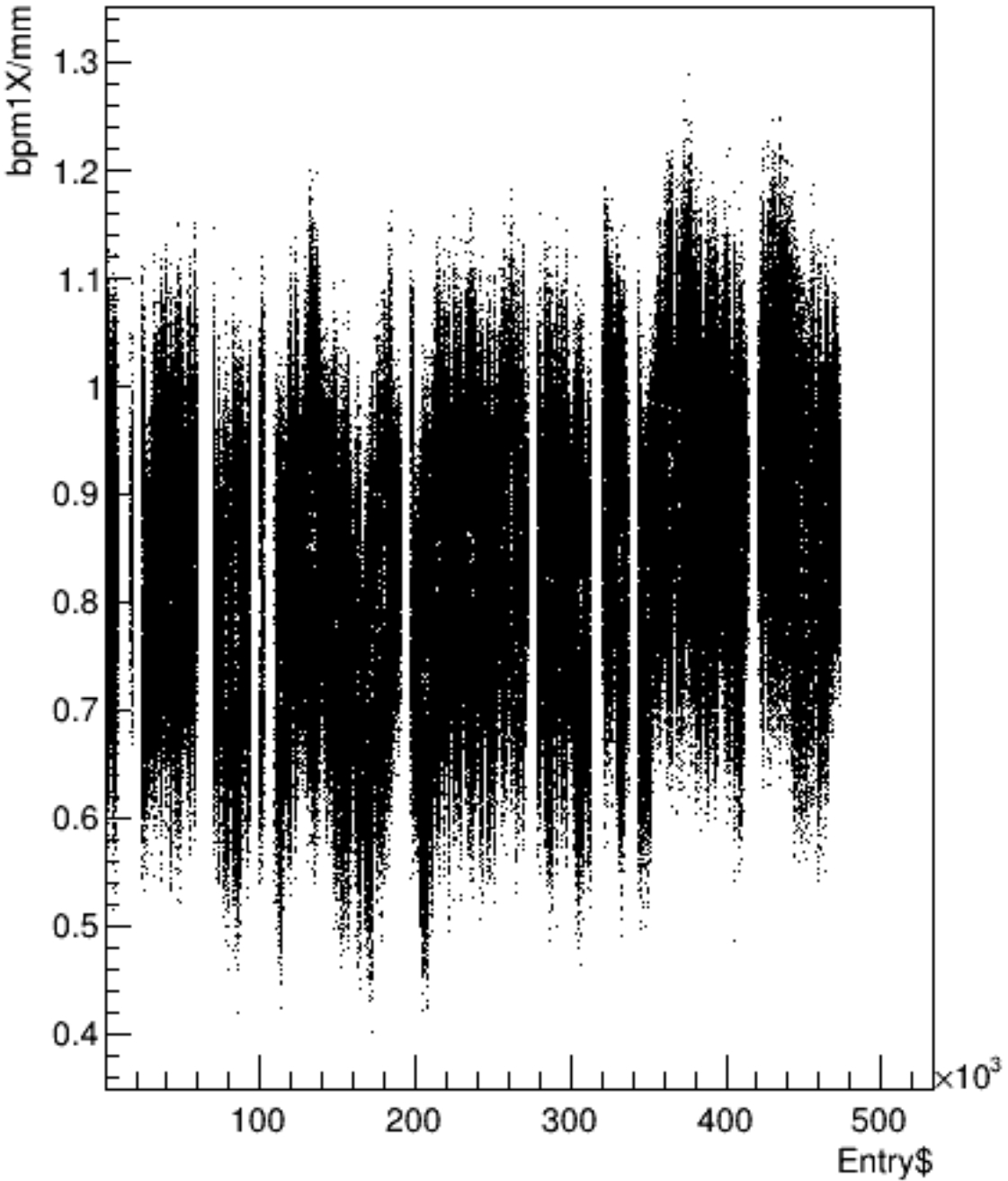


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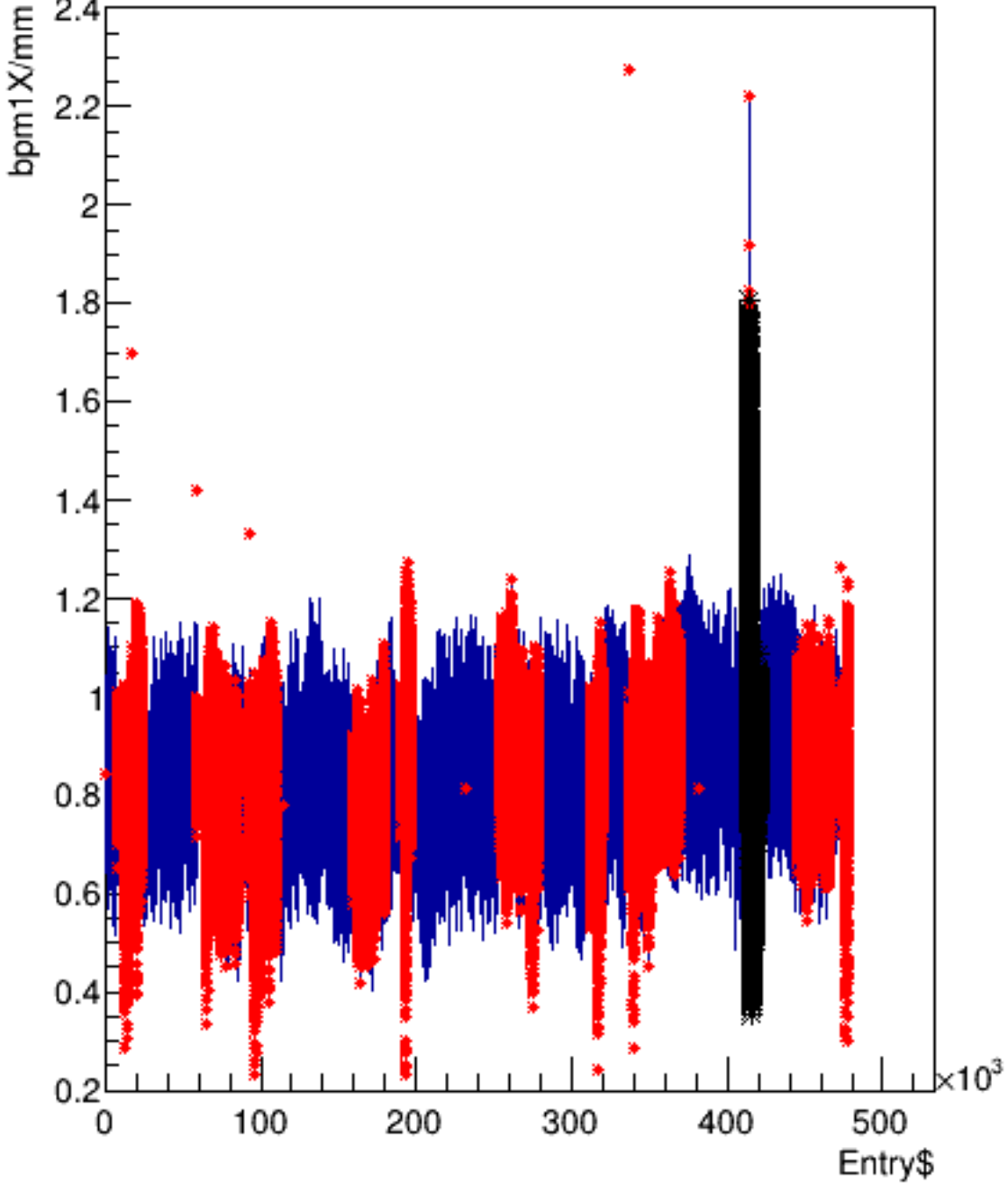




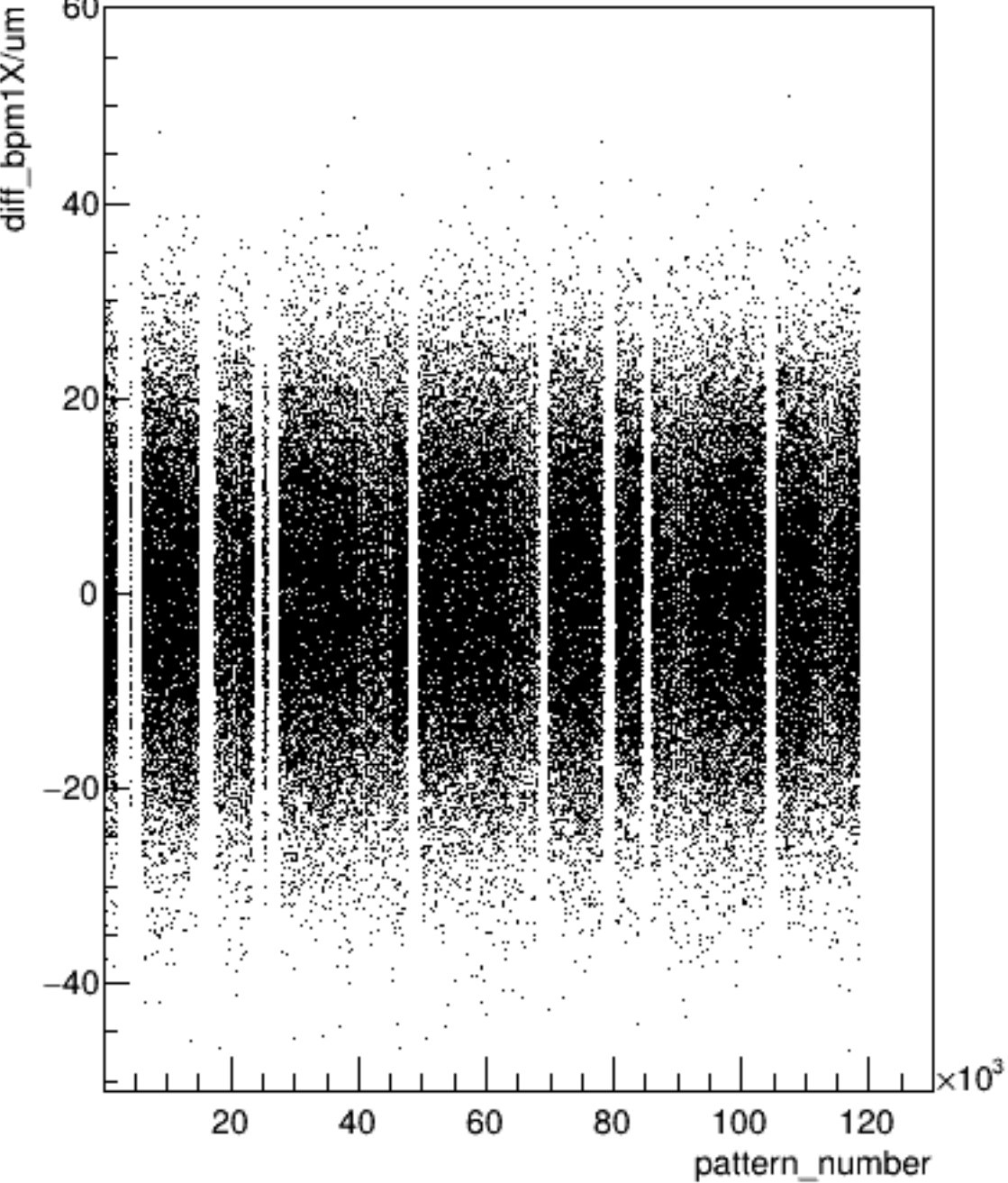
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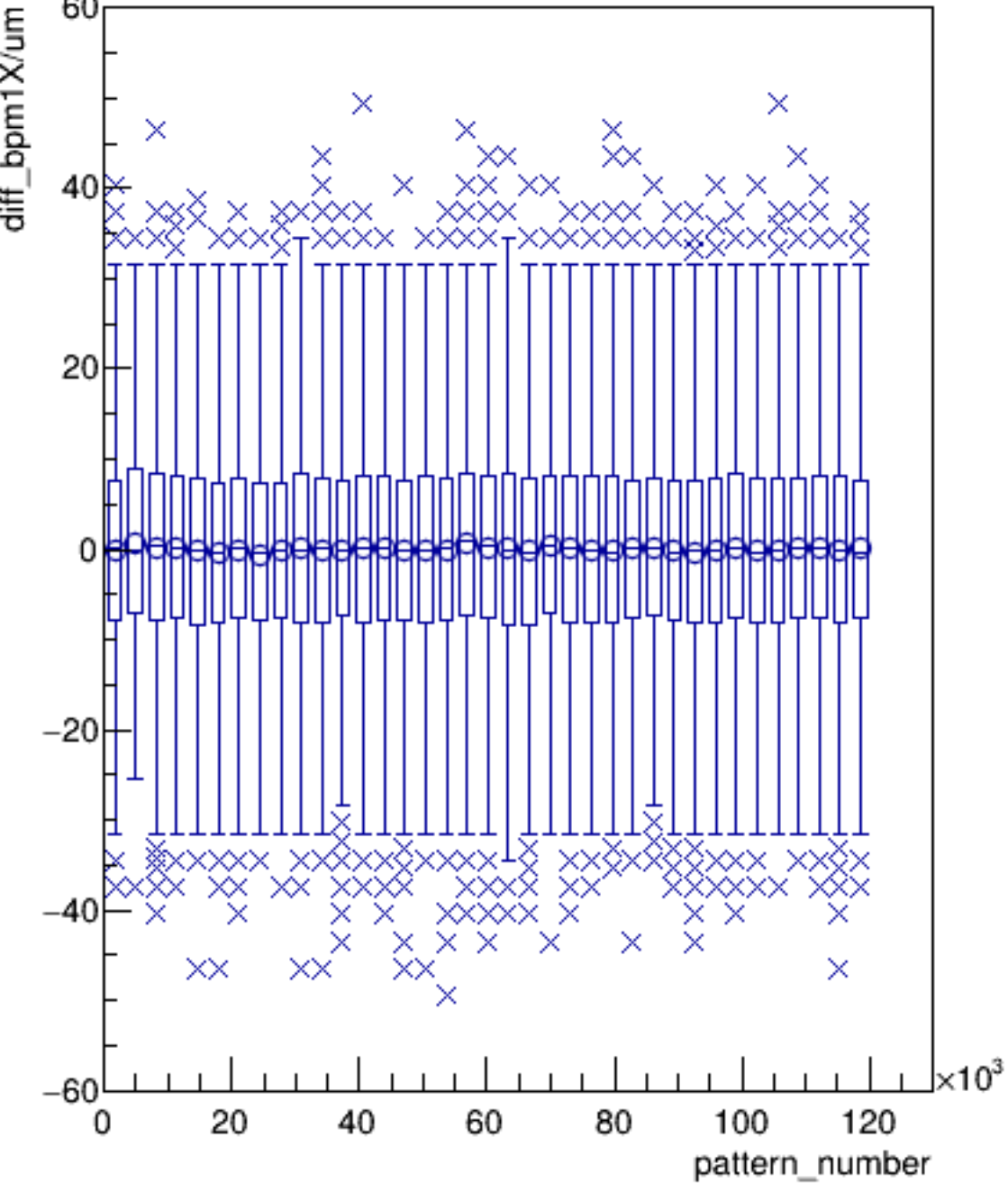
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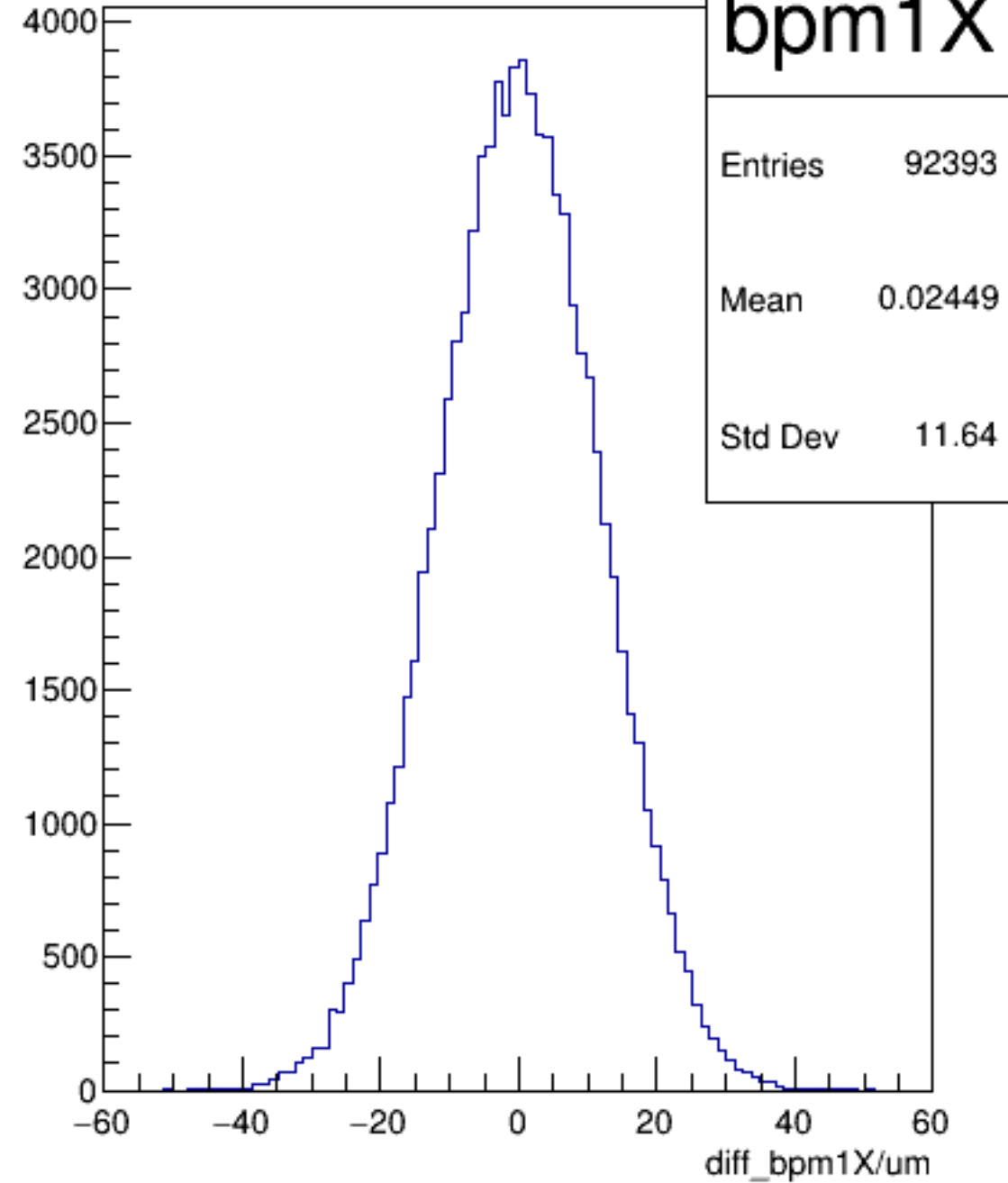
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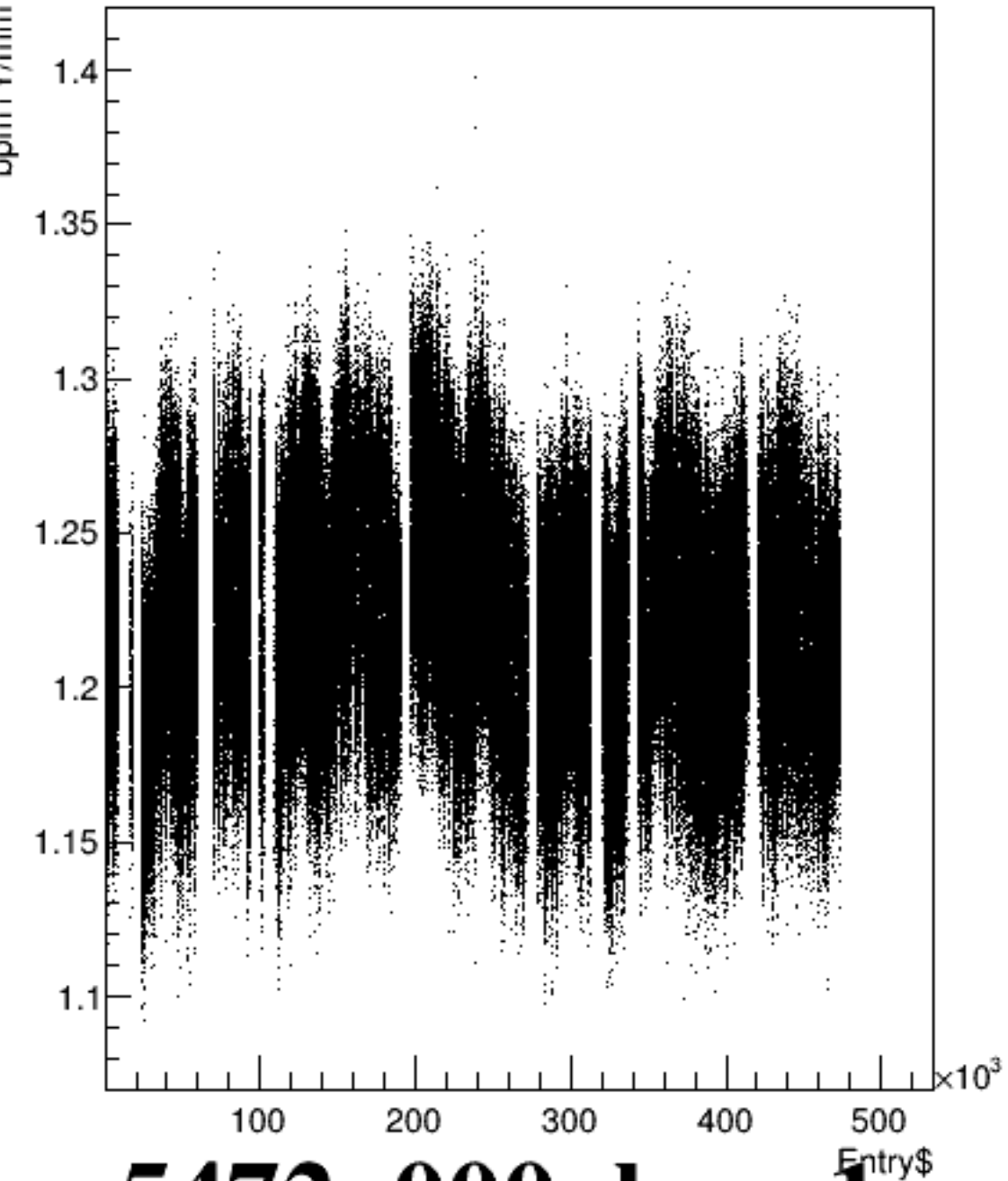
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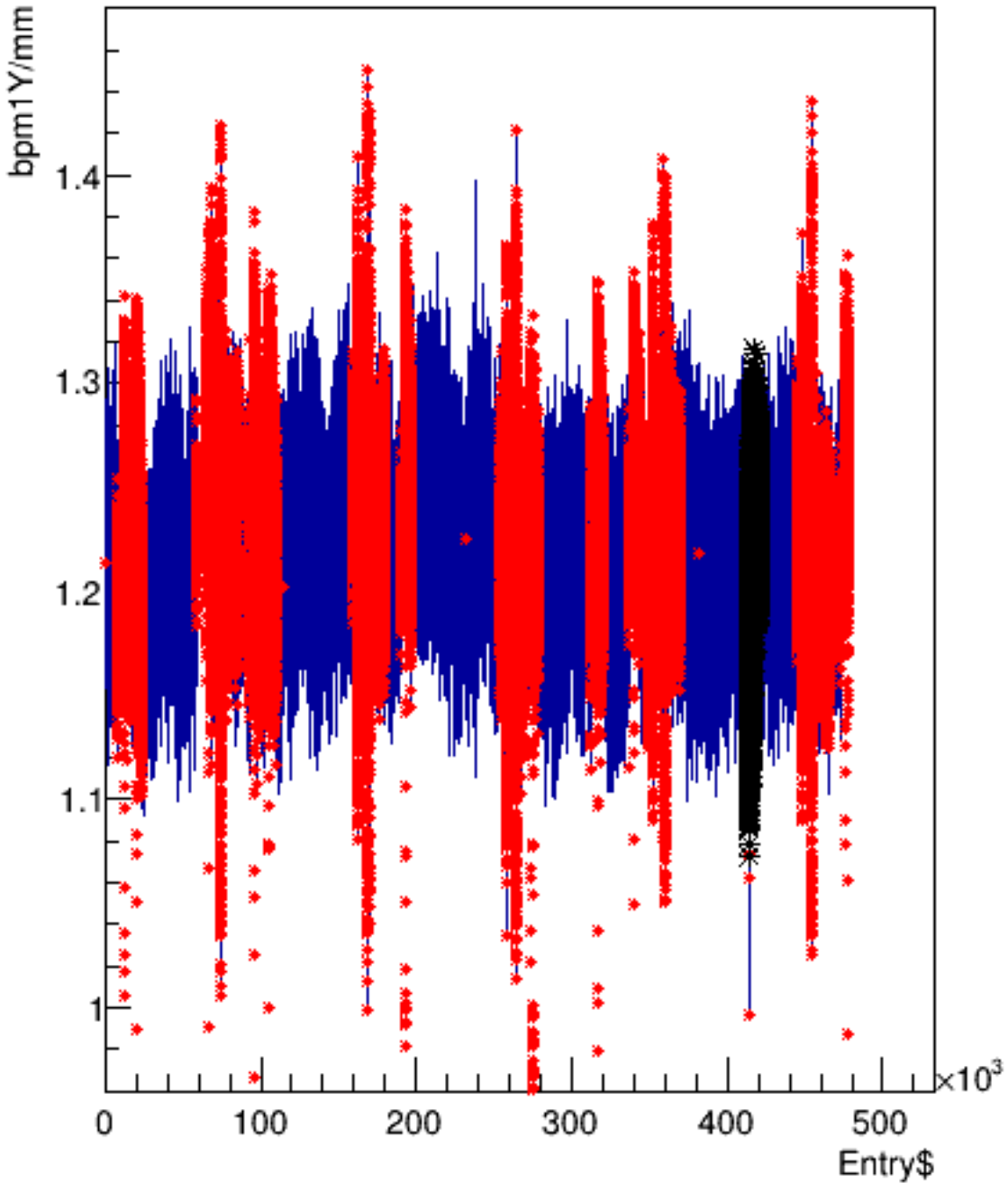
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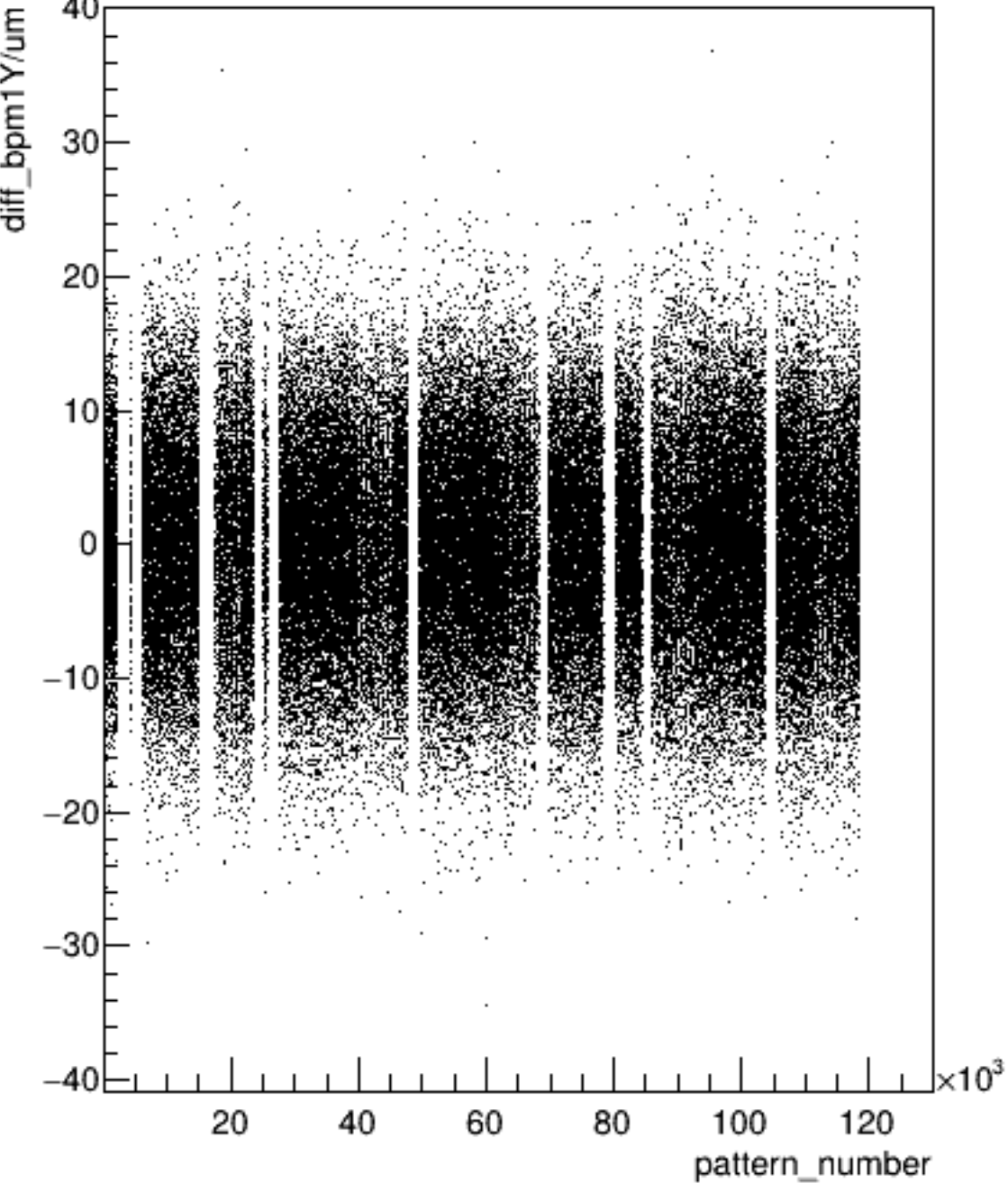
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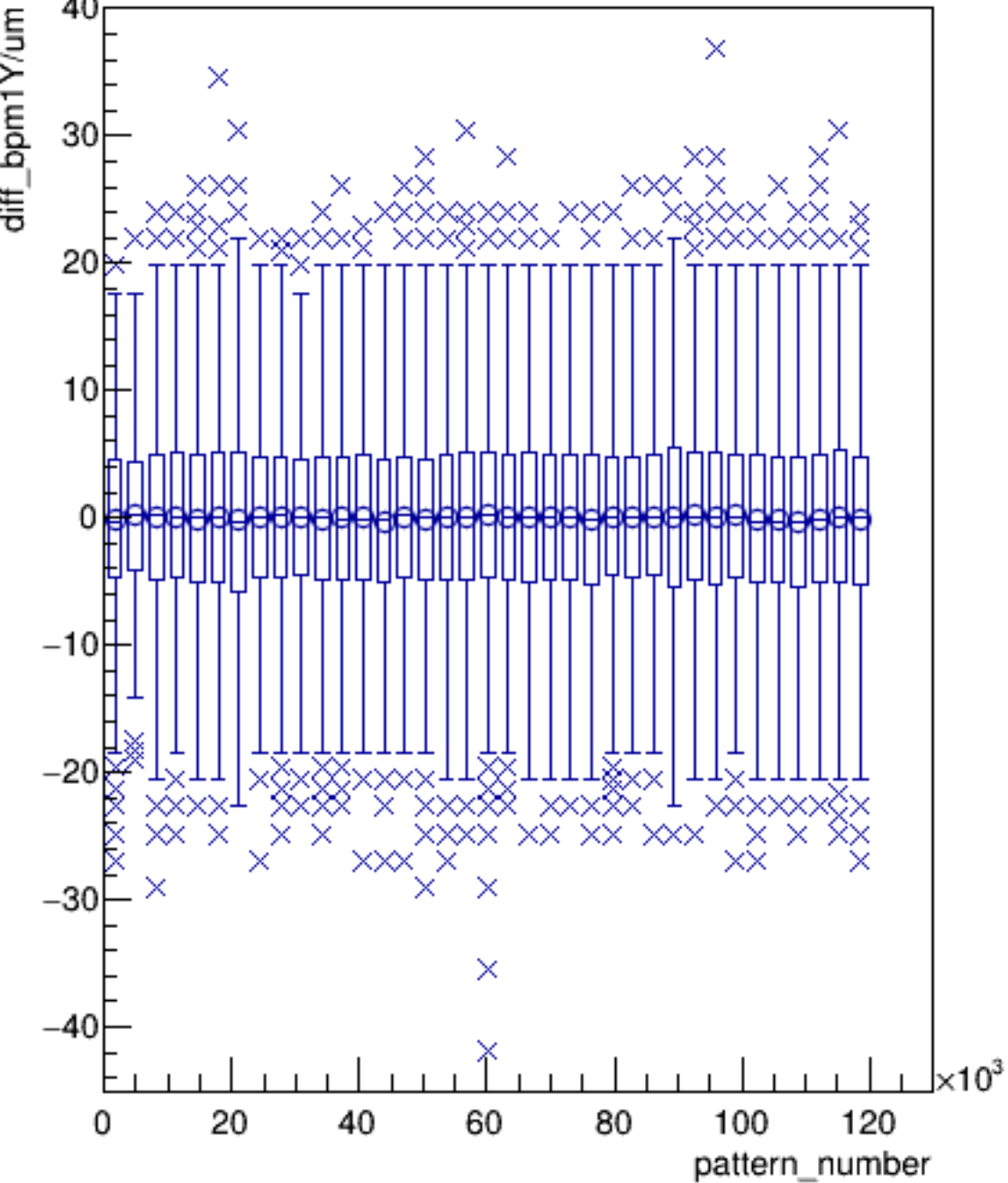
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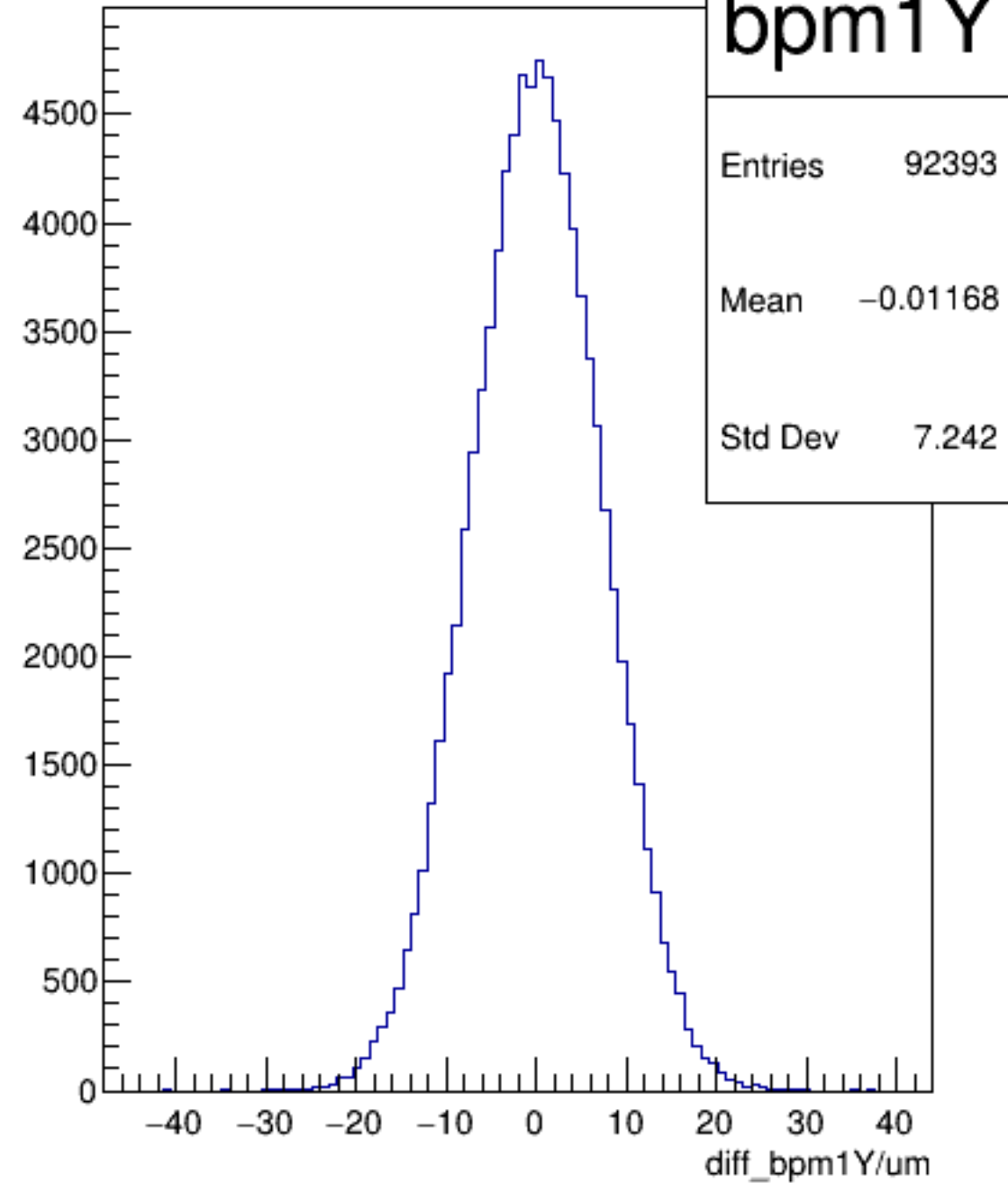
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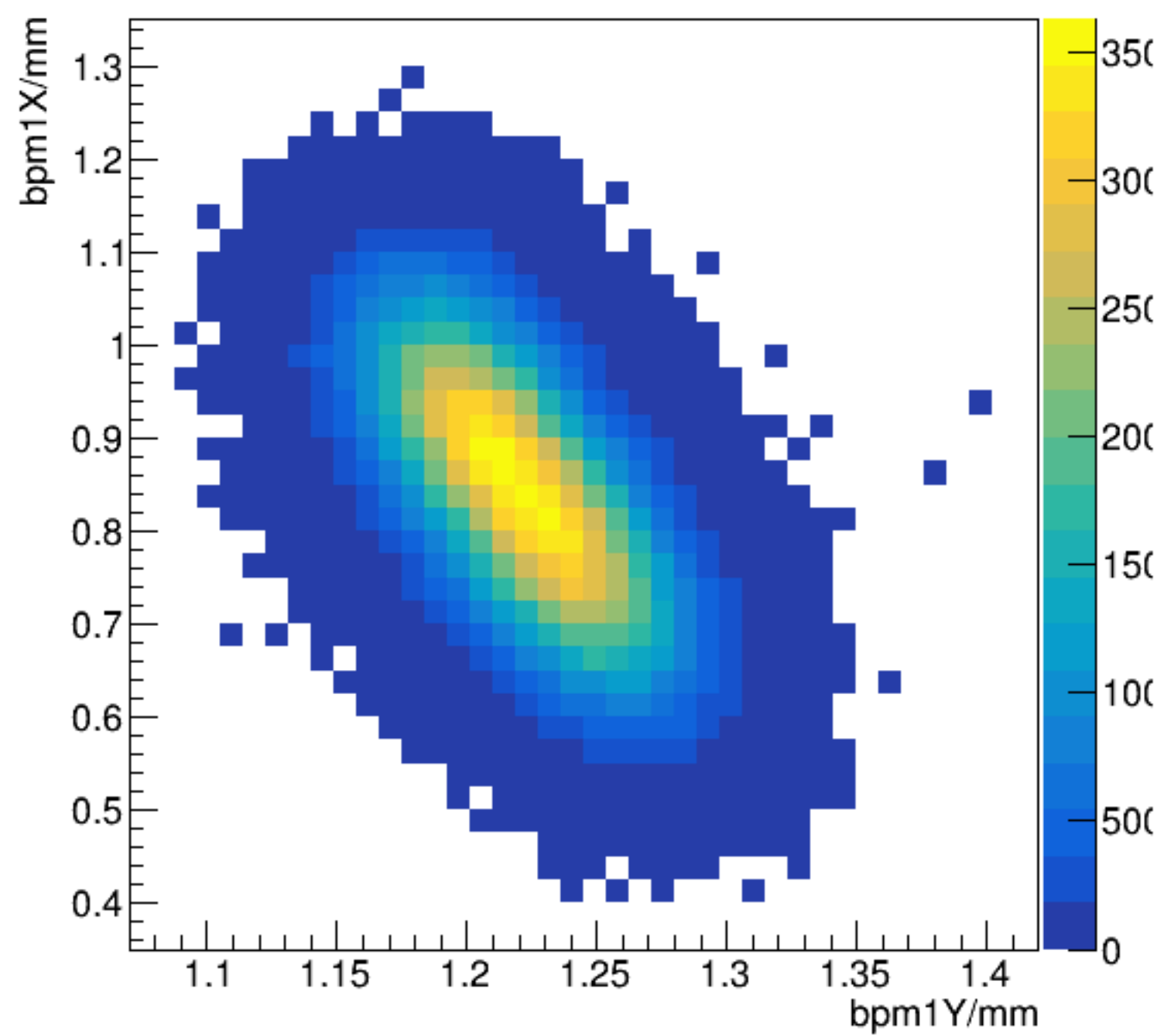
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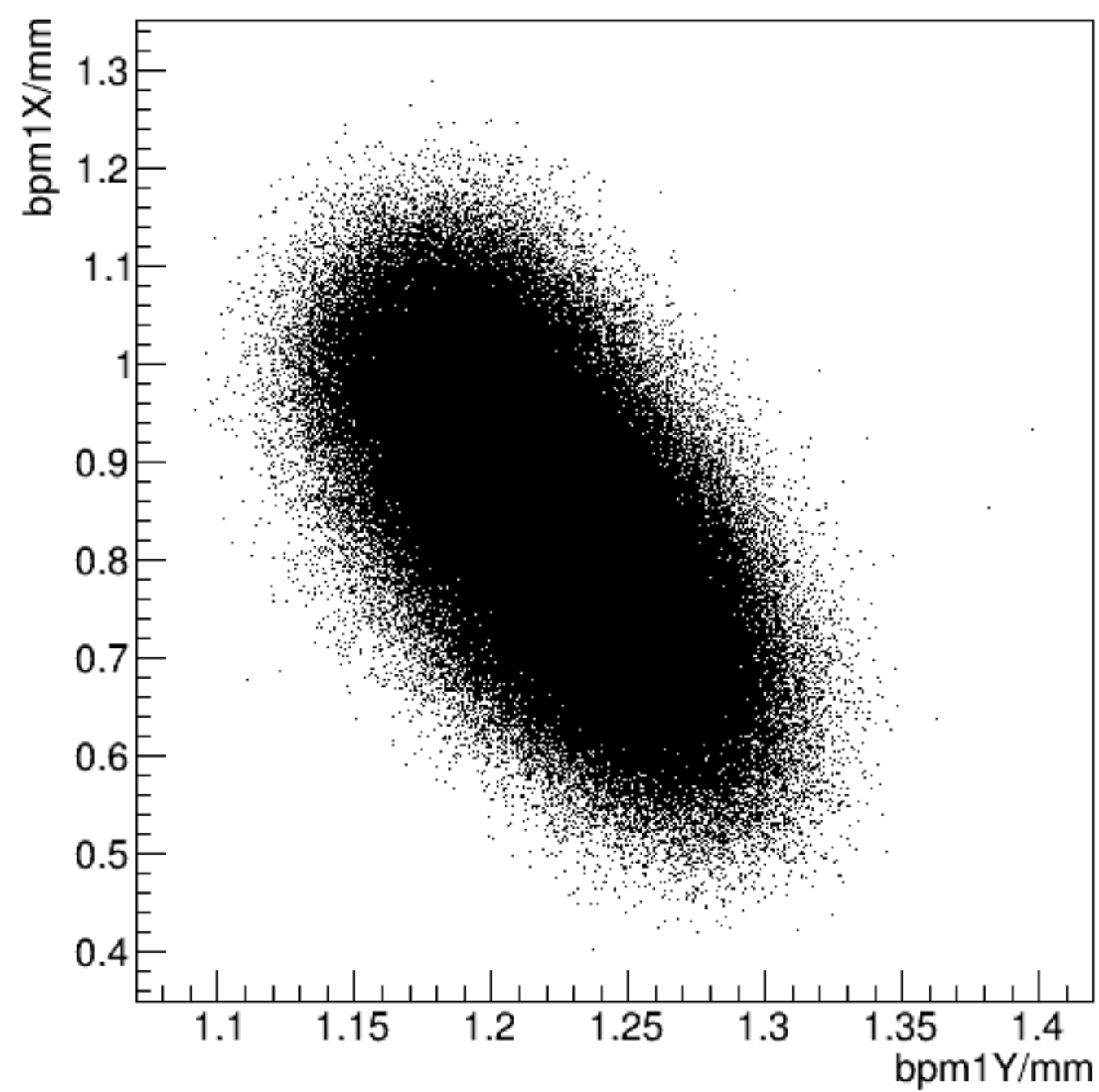
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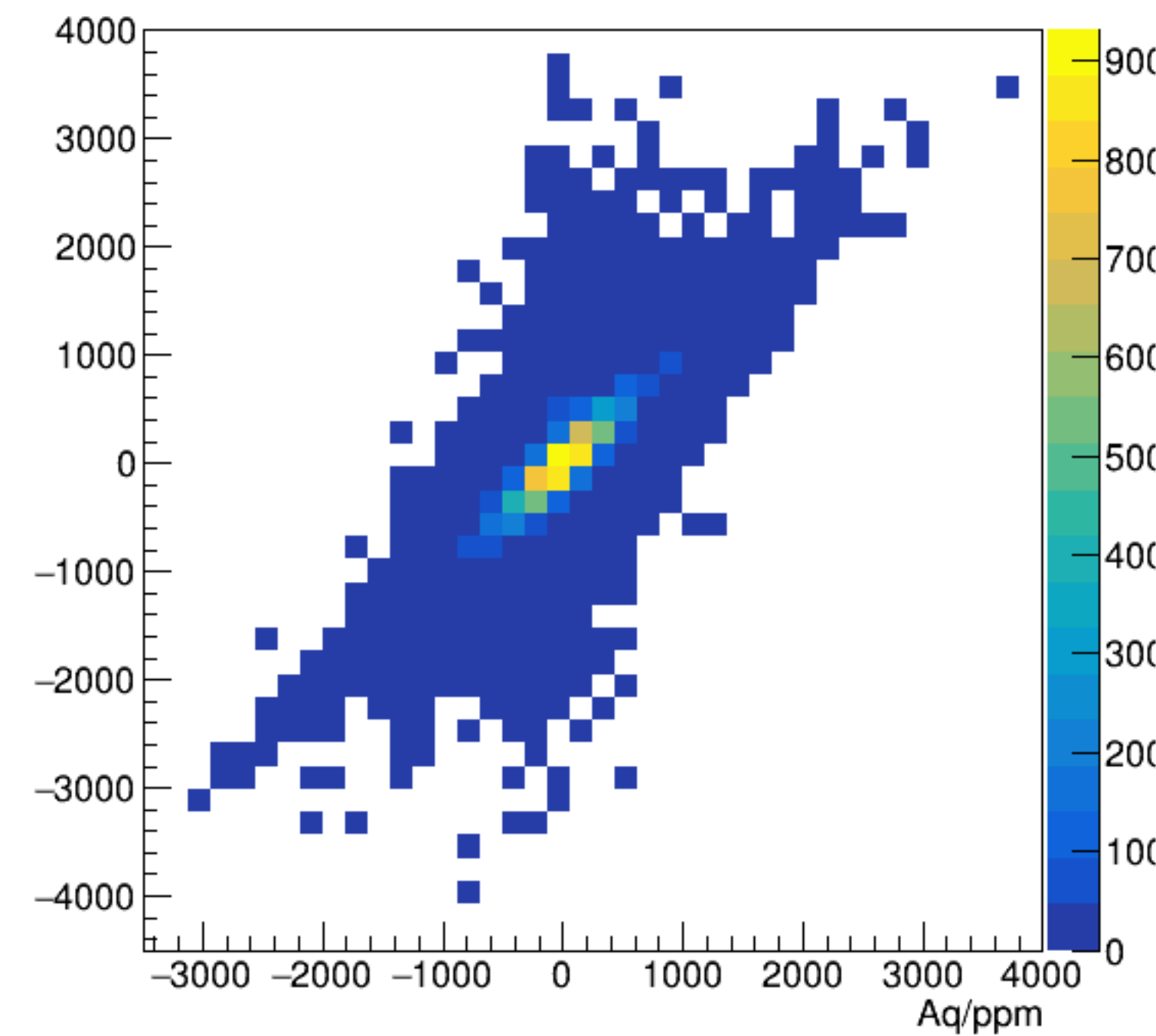
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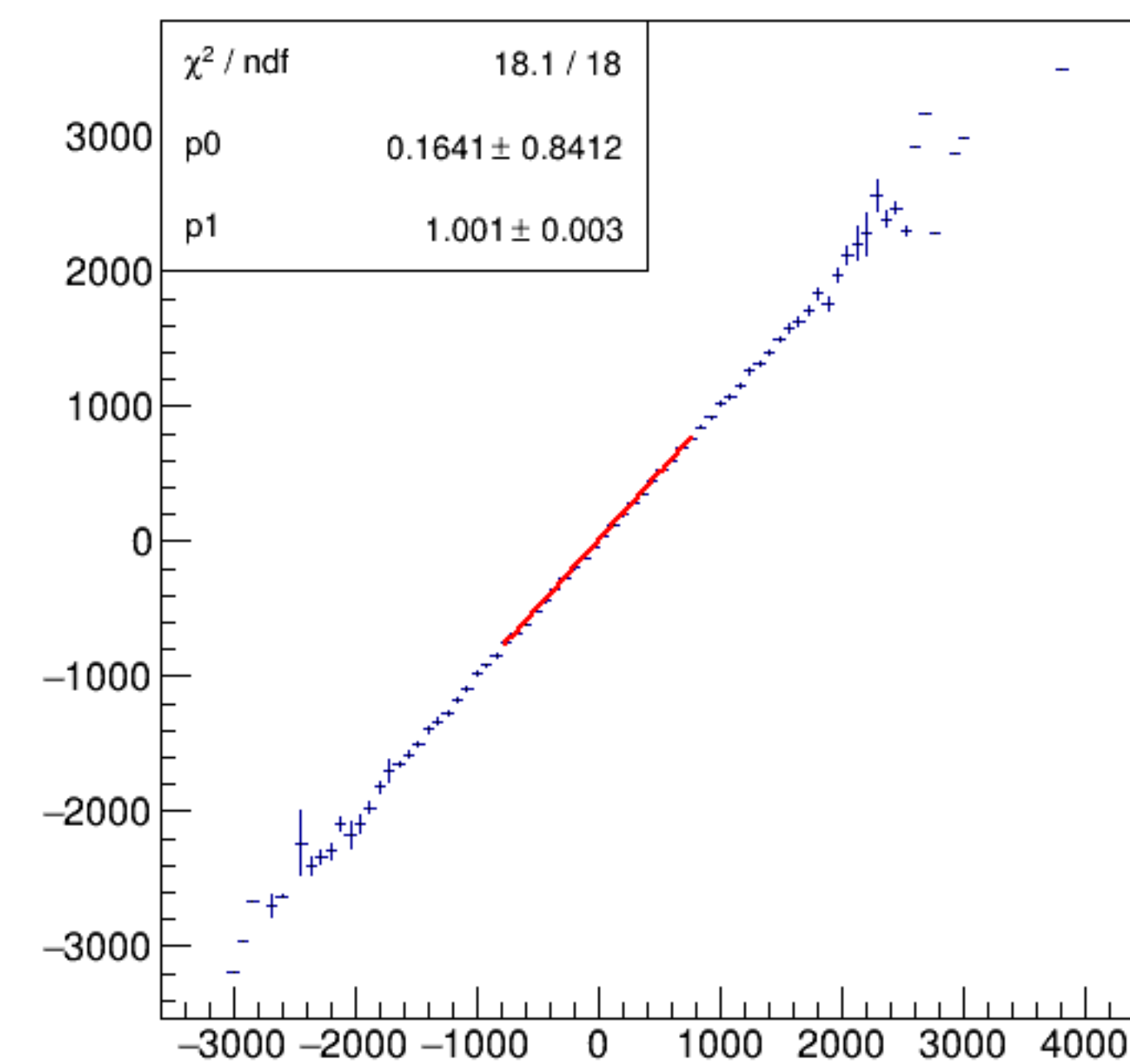
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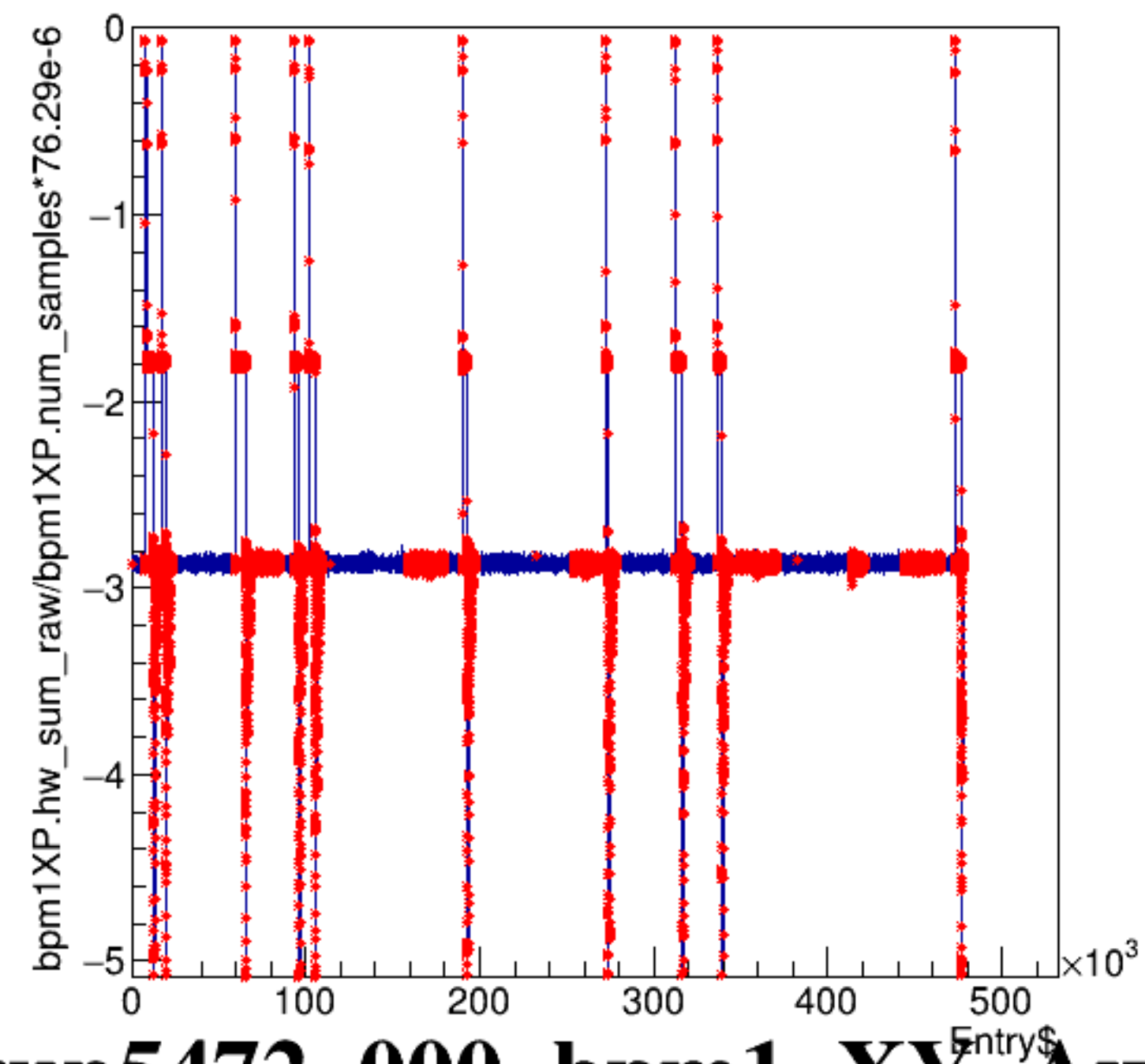
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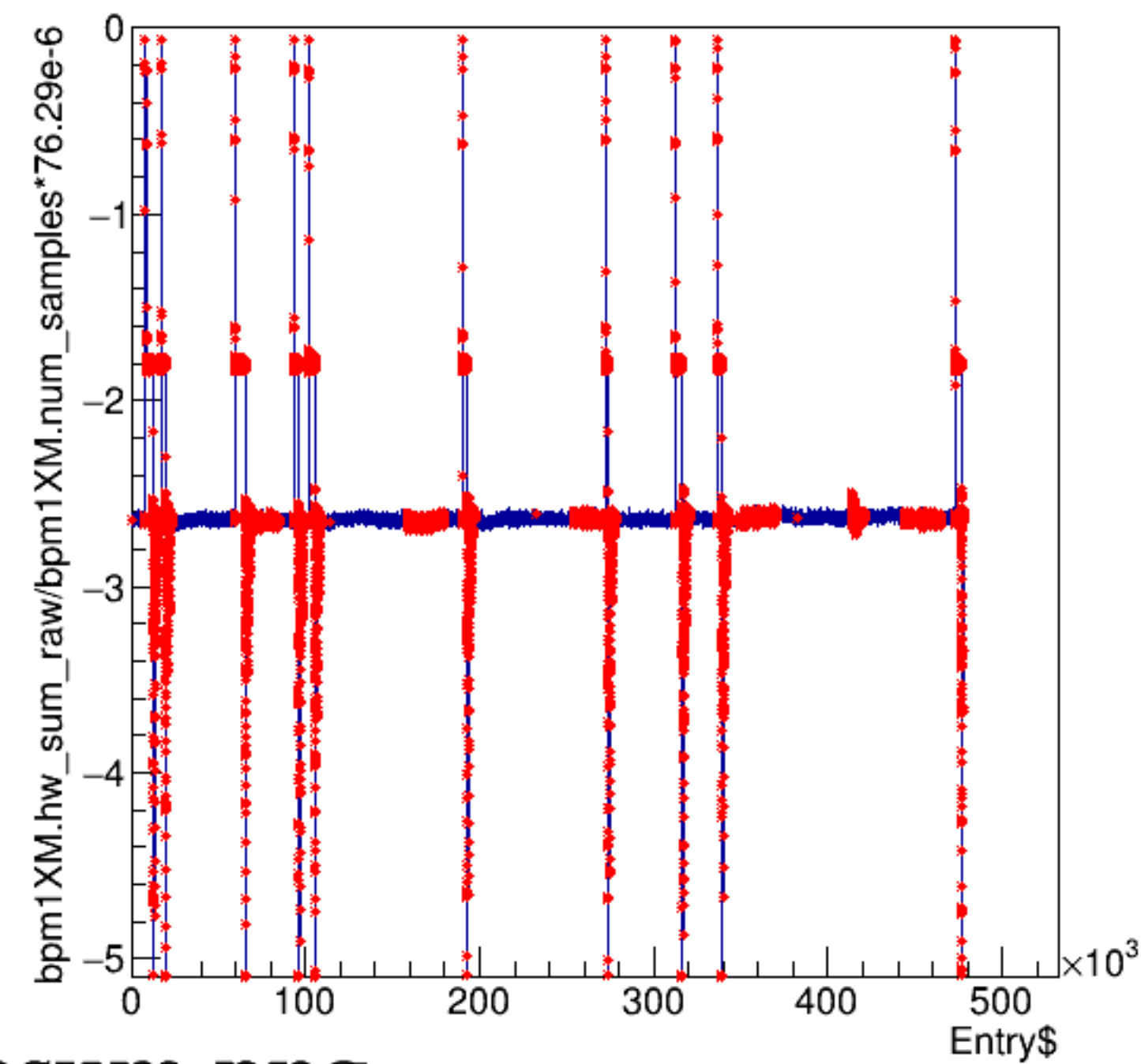
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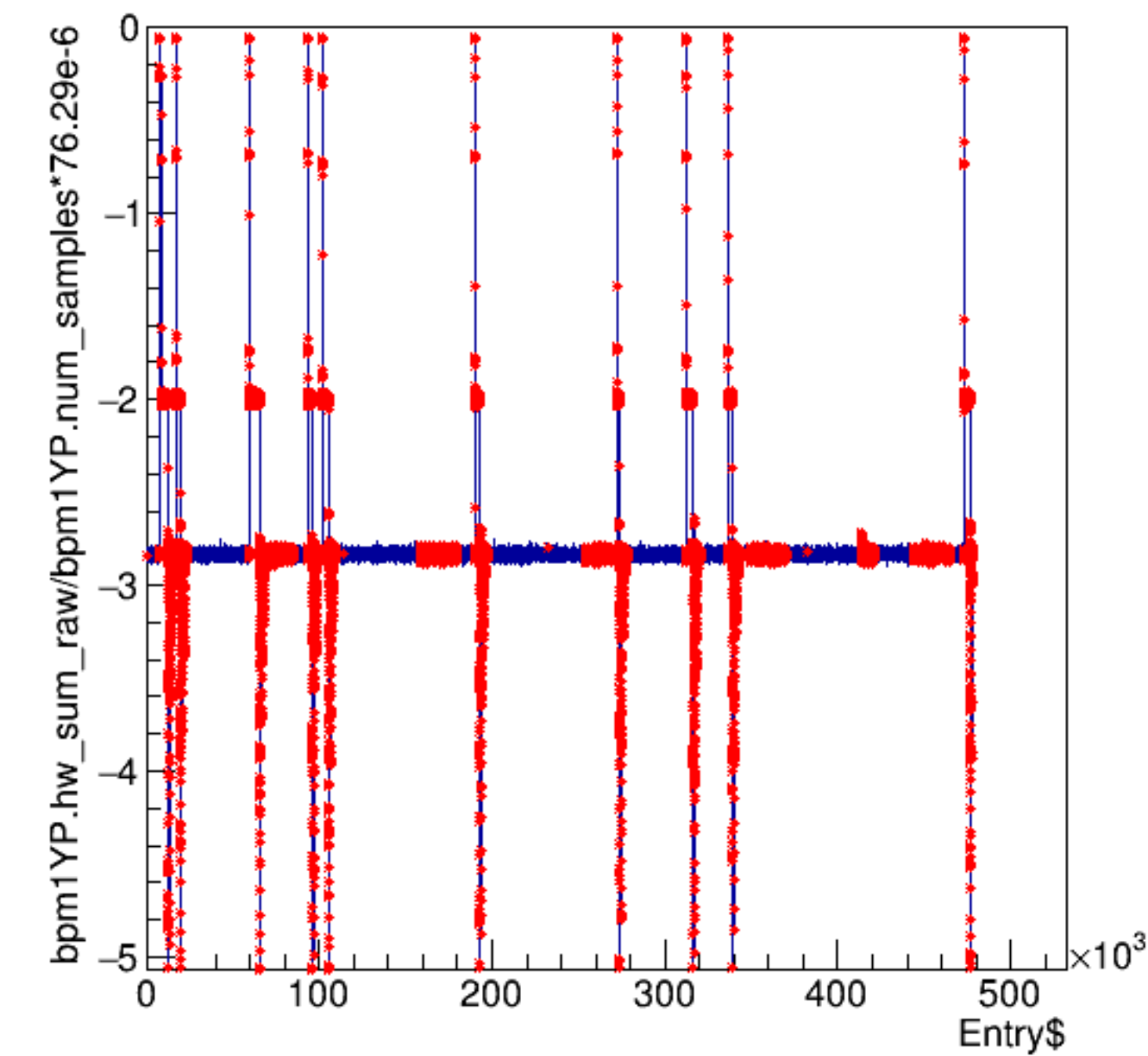
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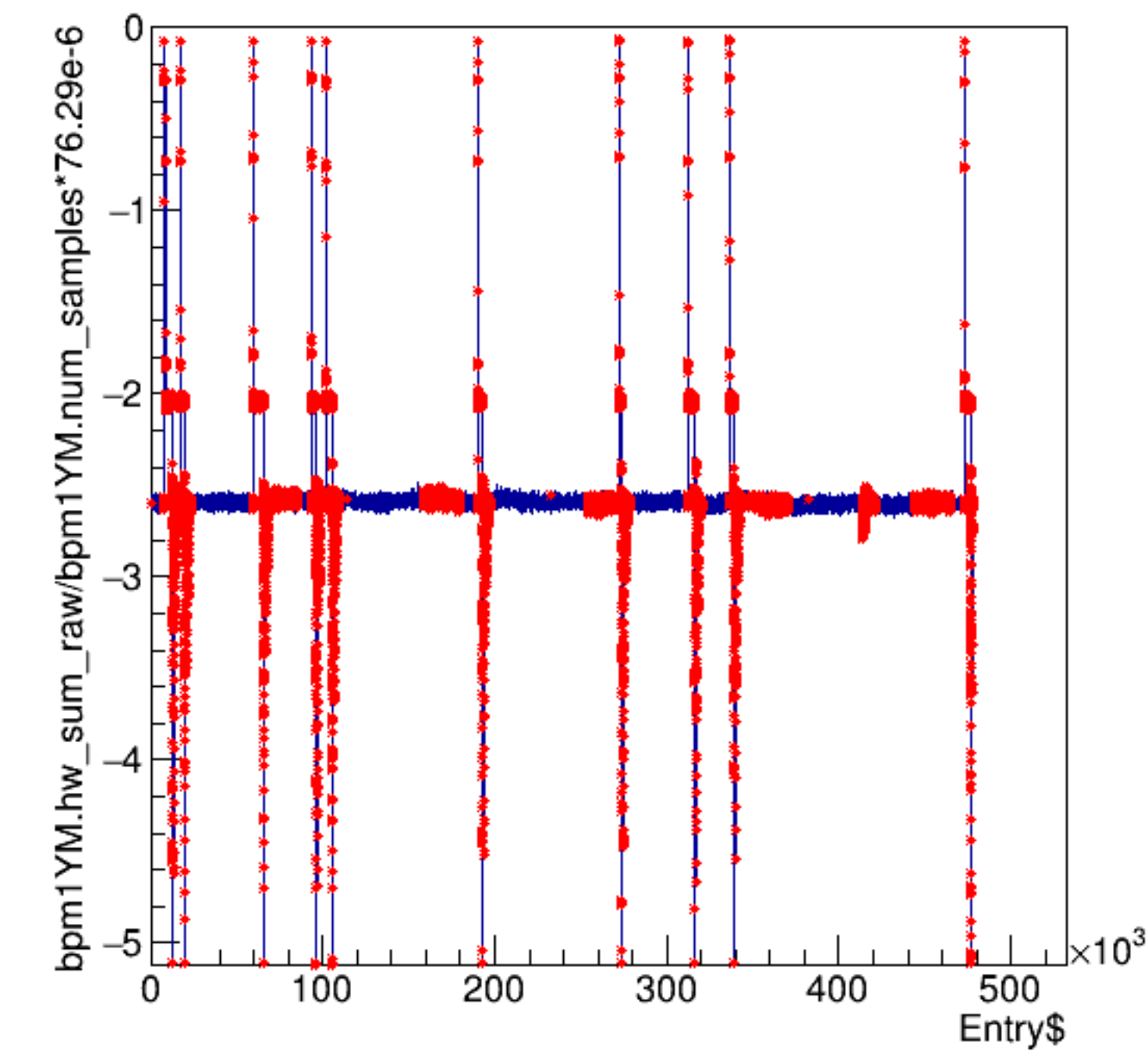
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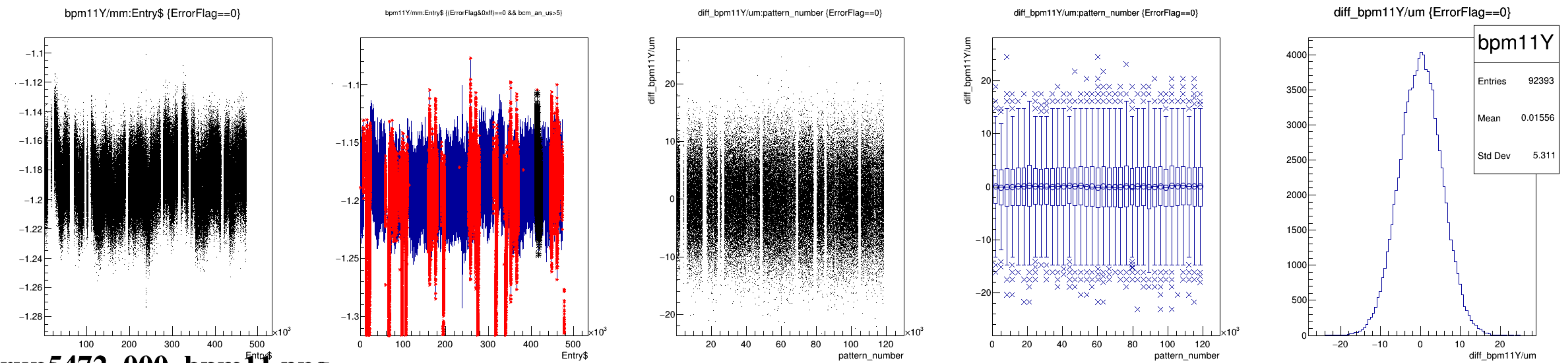
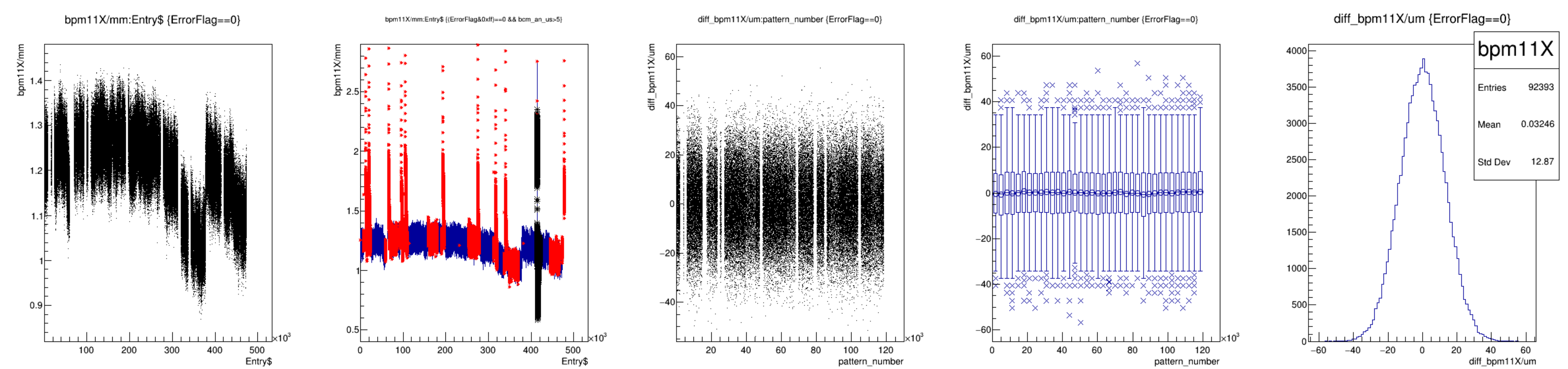


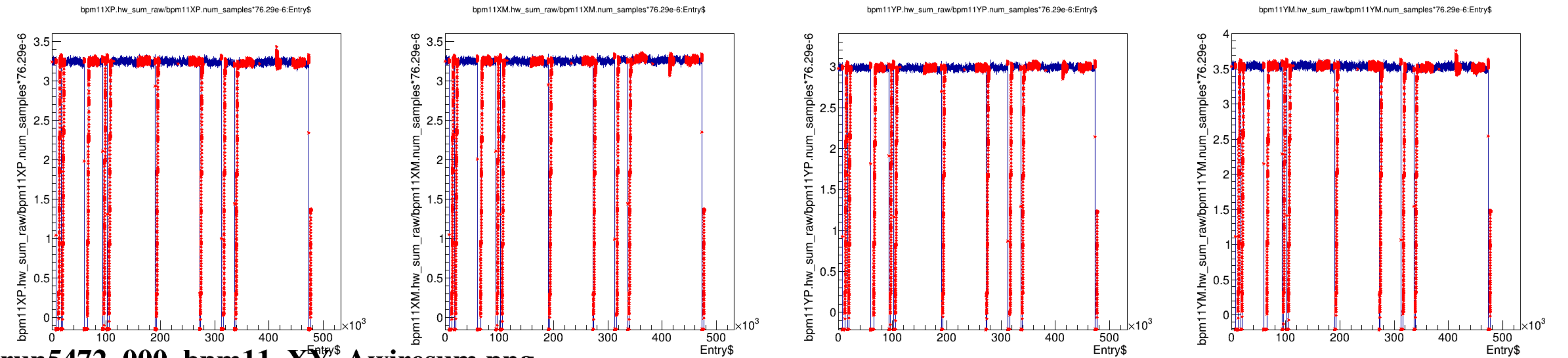
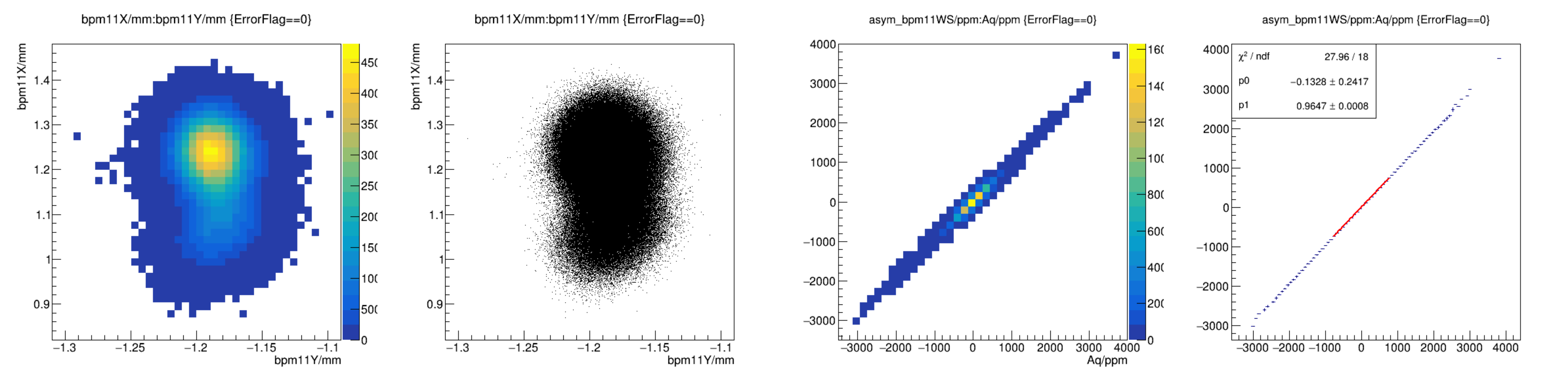
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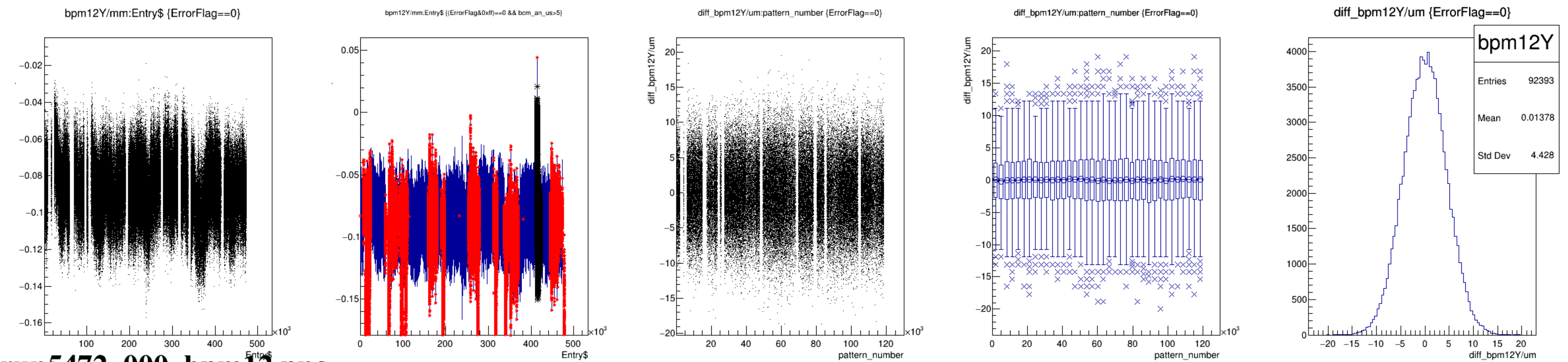
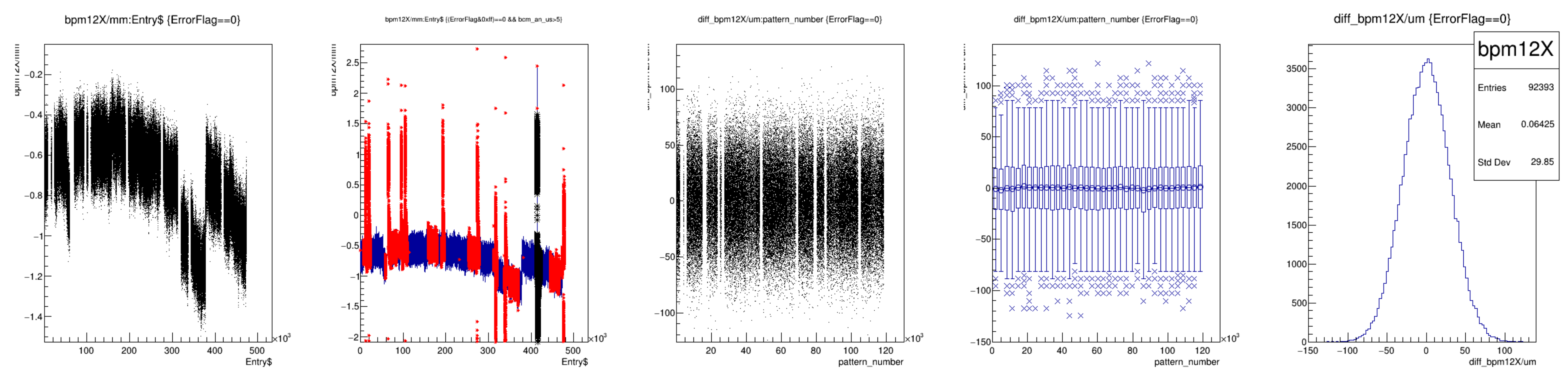


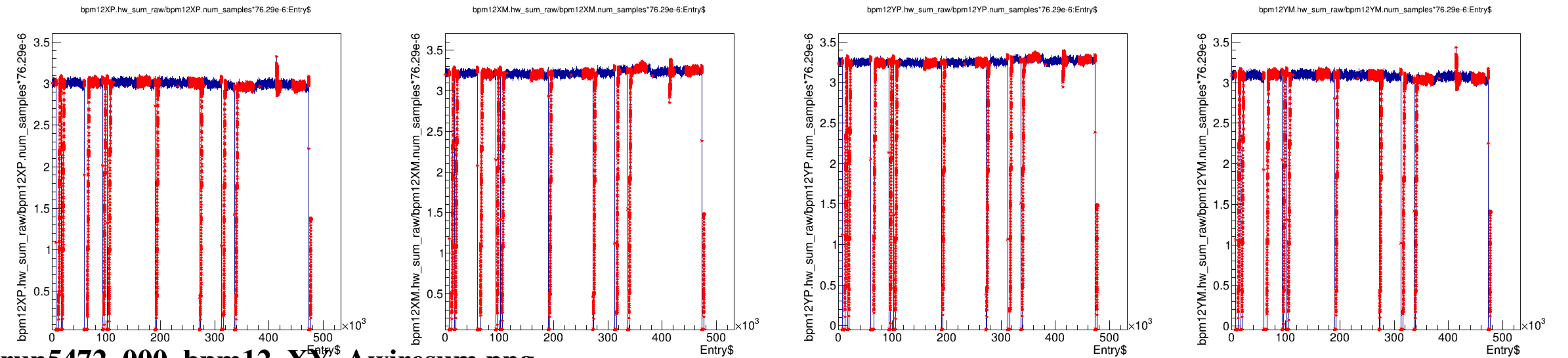
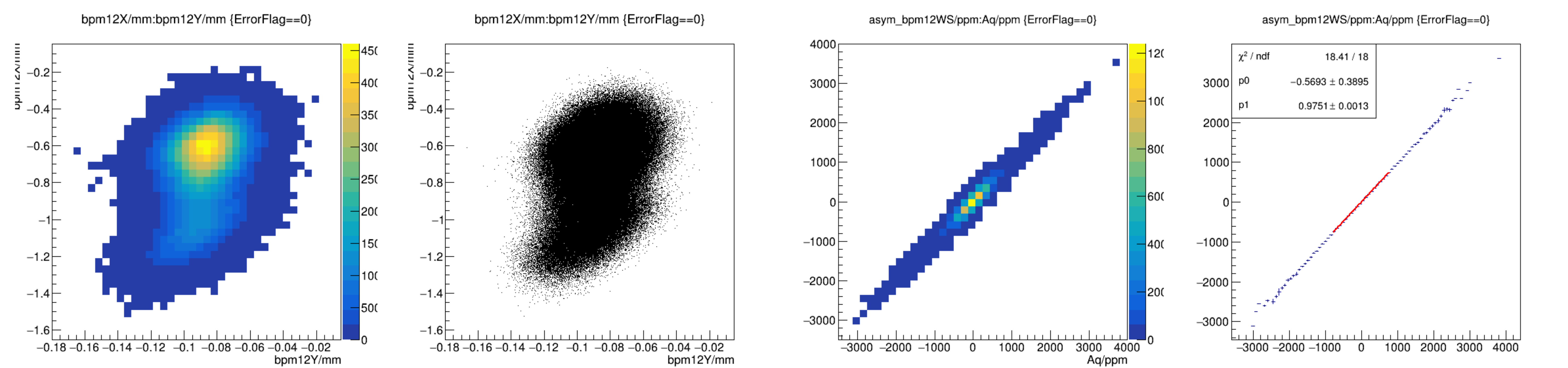
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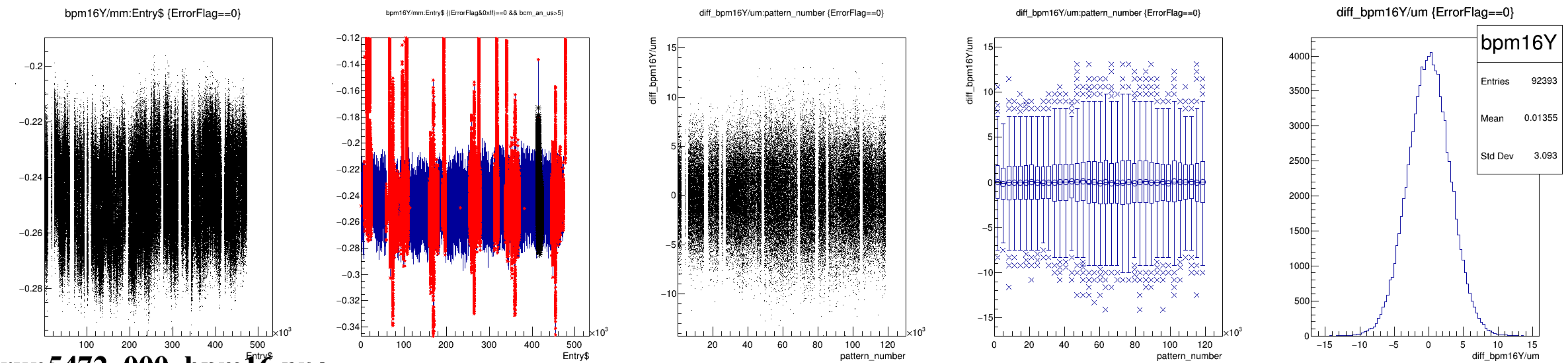
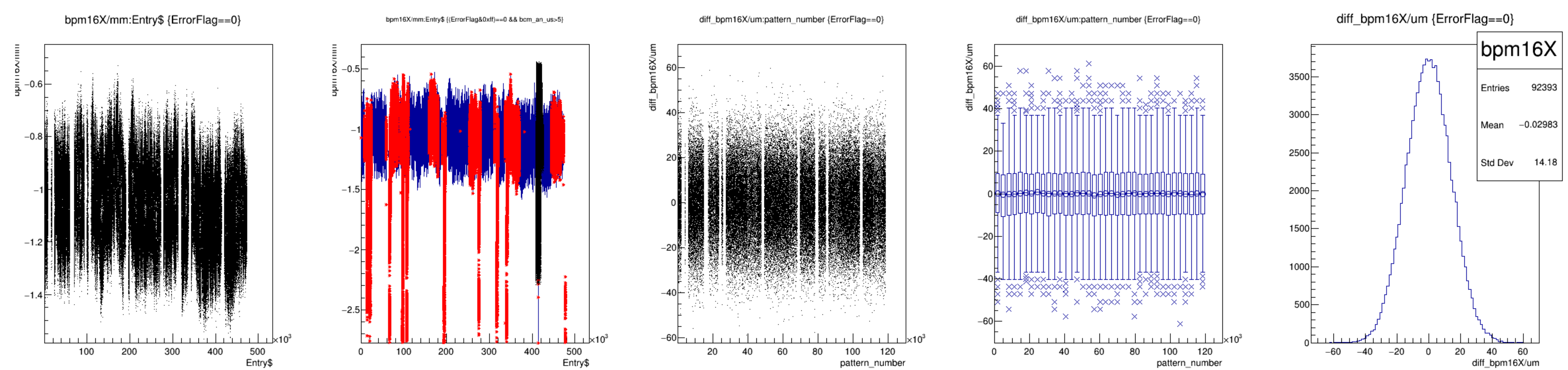


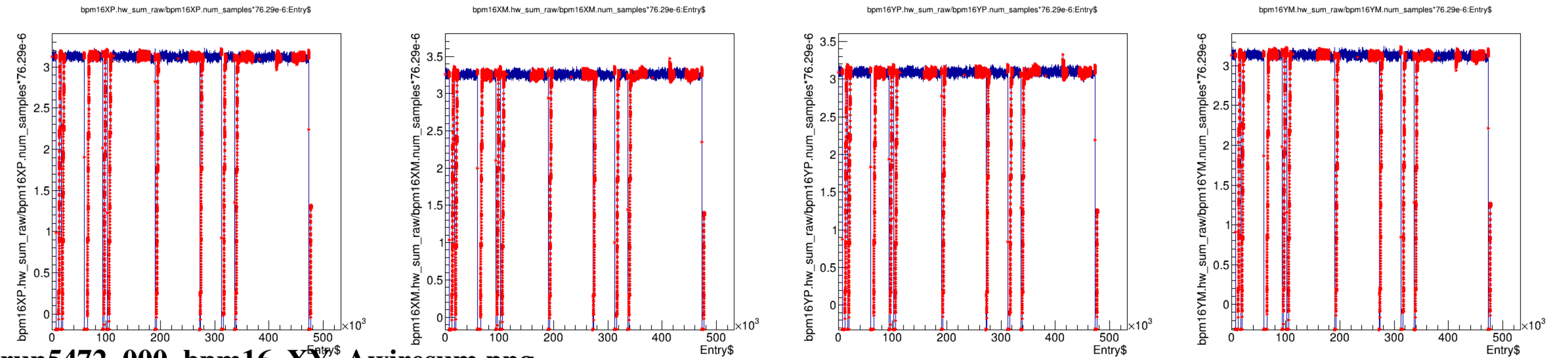
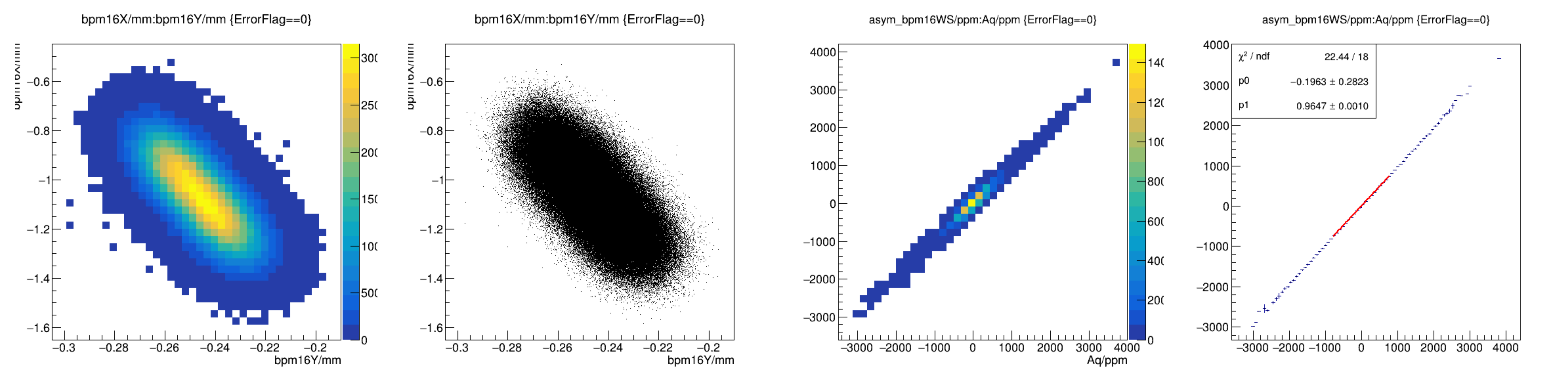




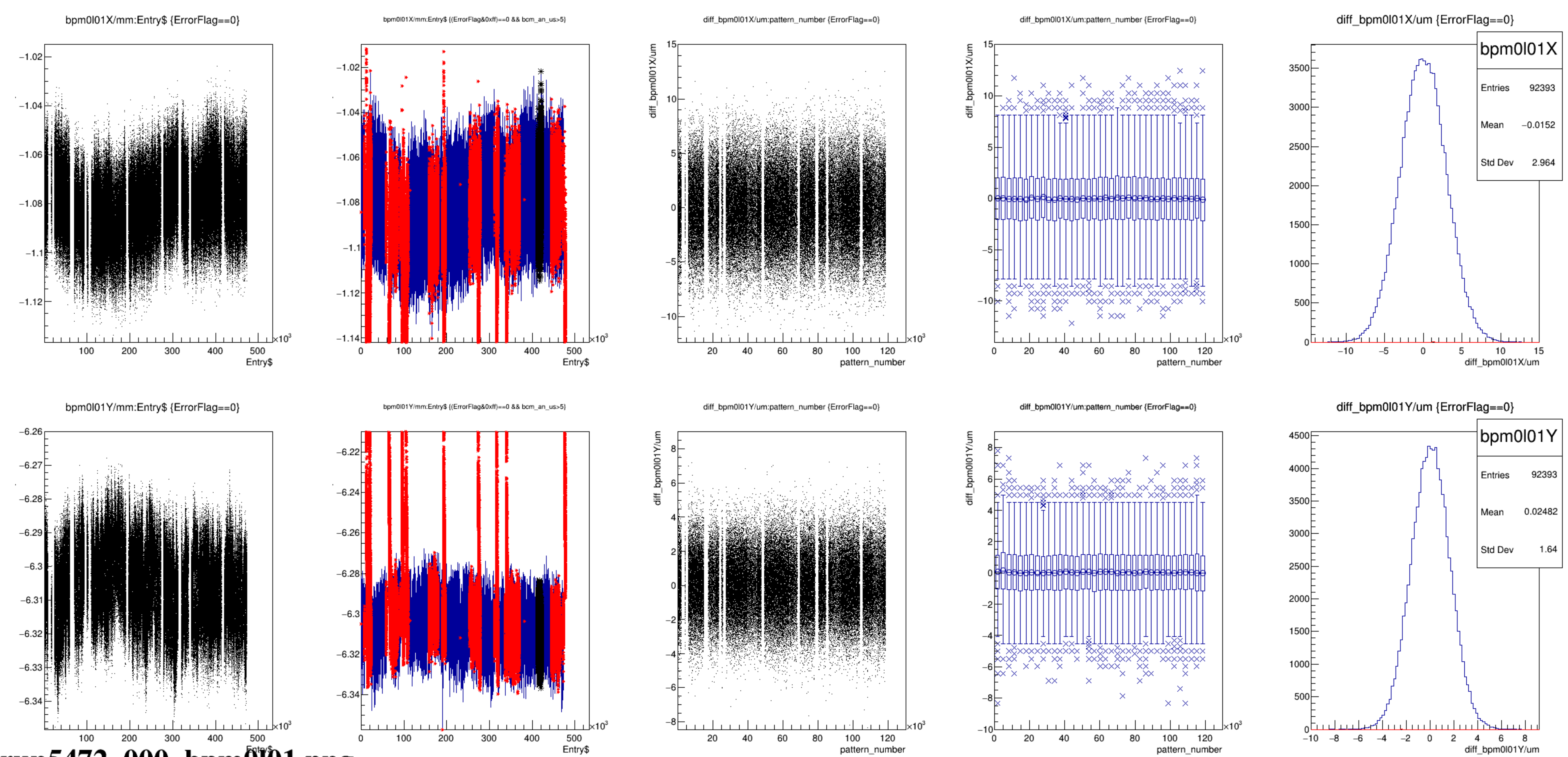


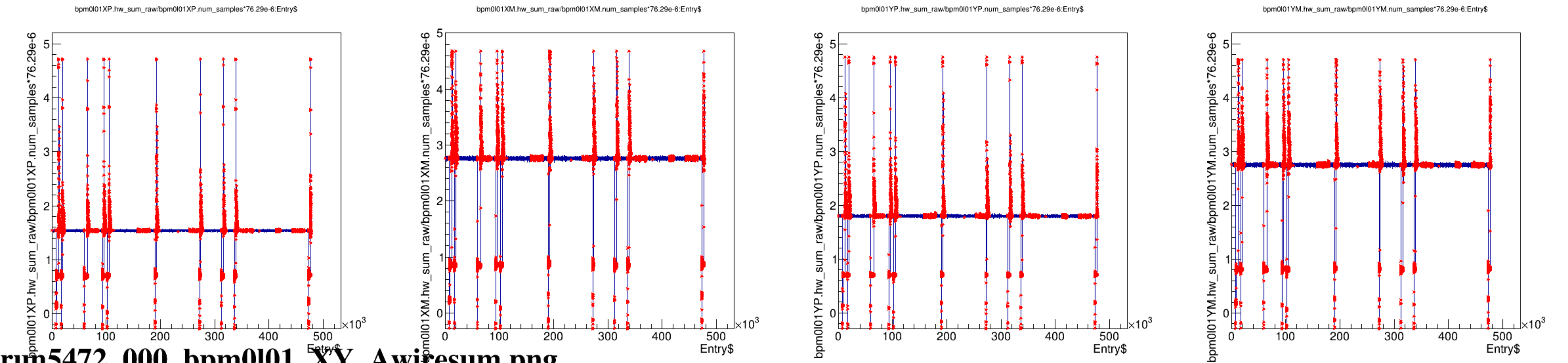
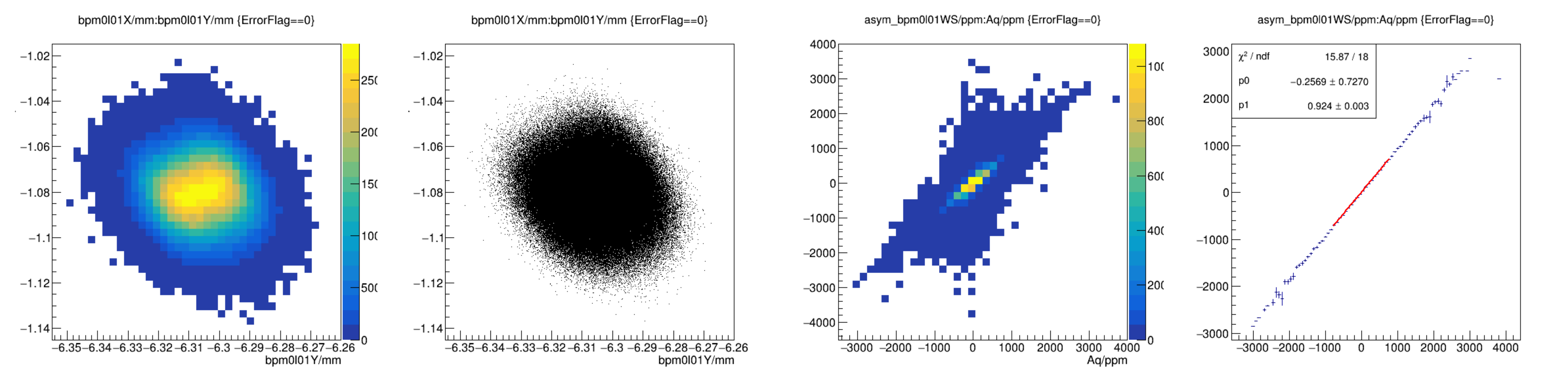
run5472_000_bpm12_XY_Awiresum.png

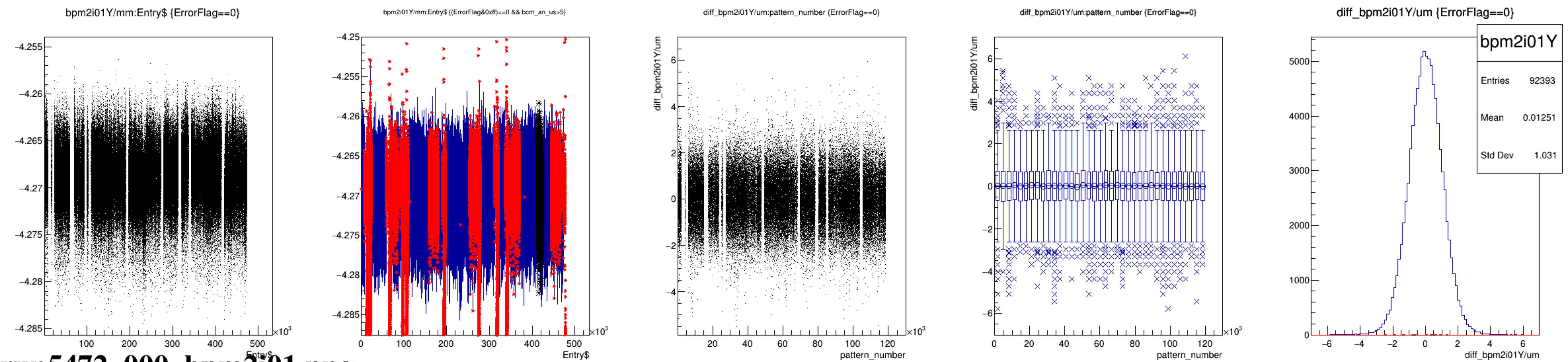
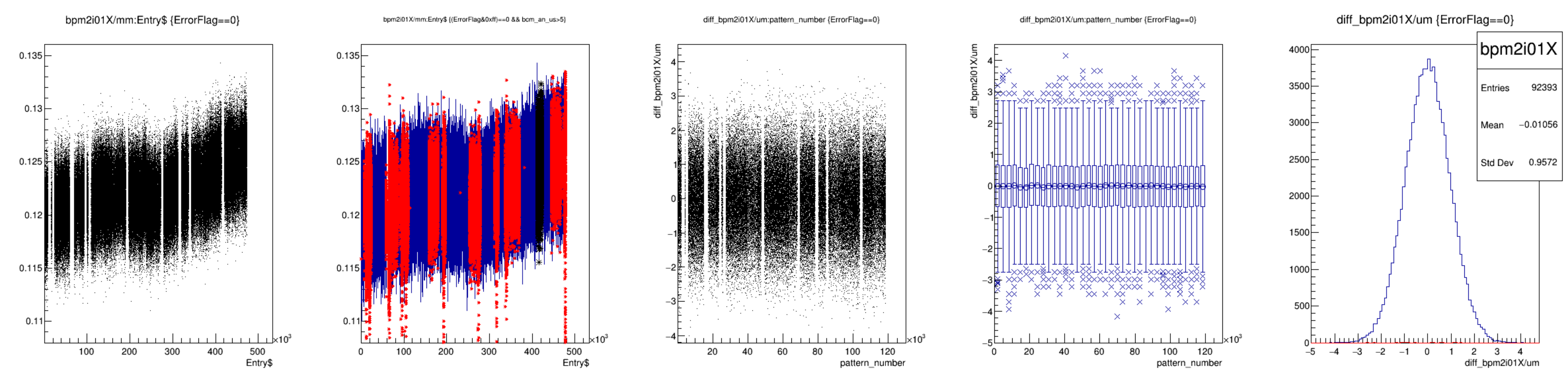




run5472_000_bpm16_XY_Awiresum.png

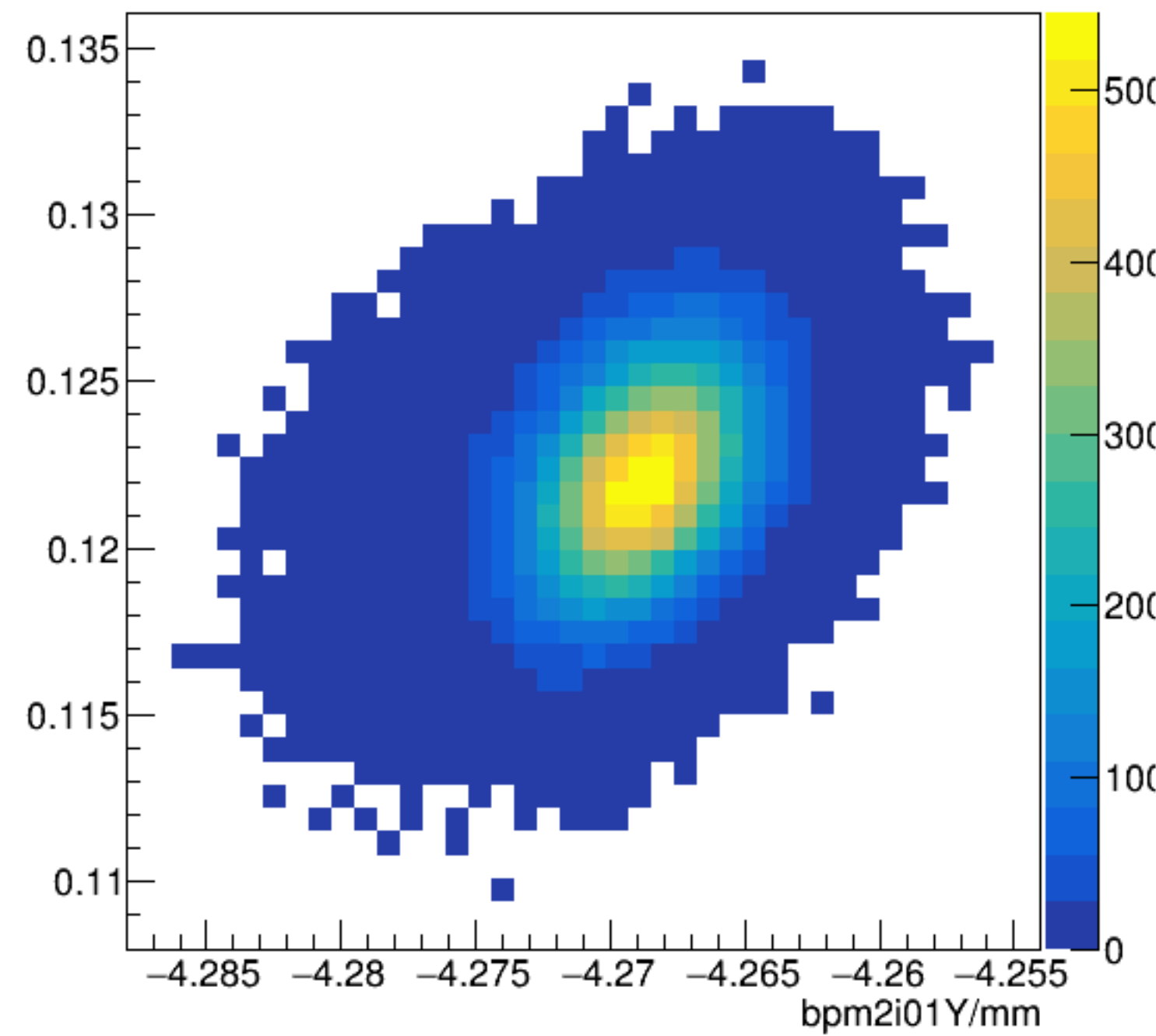




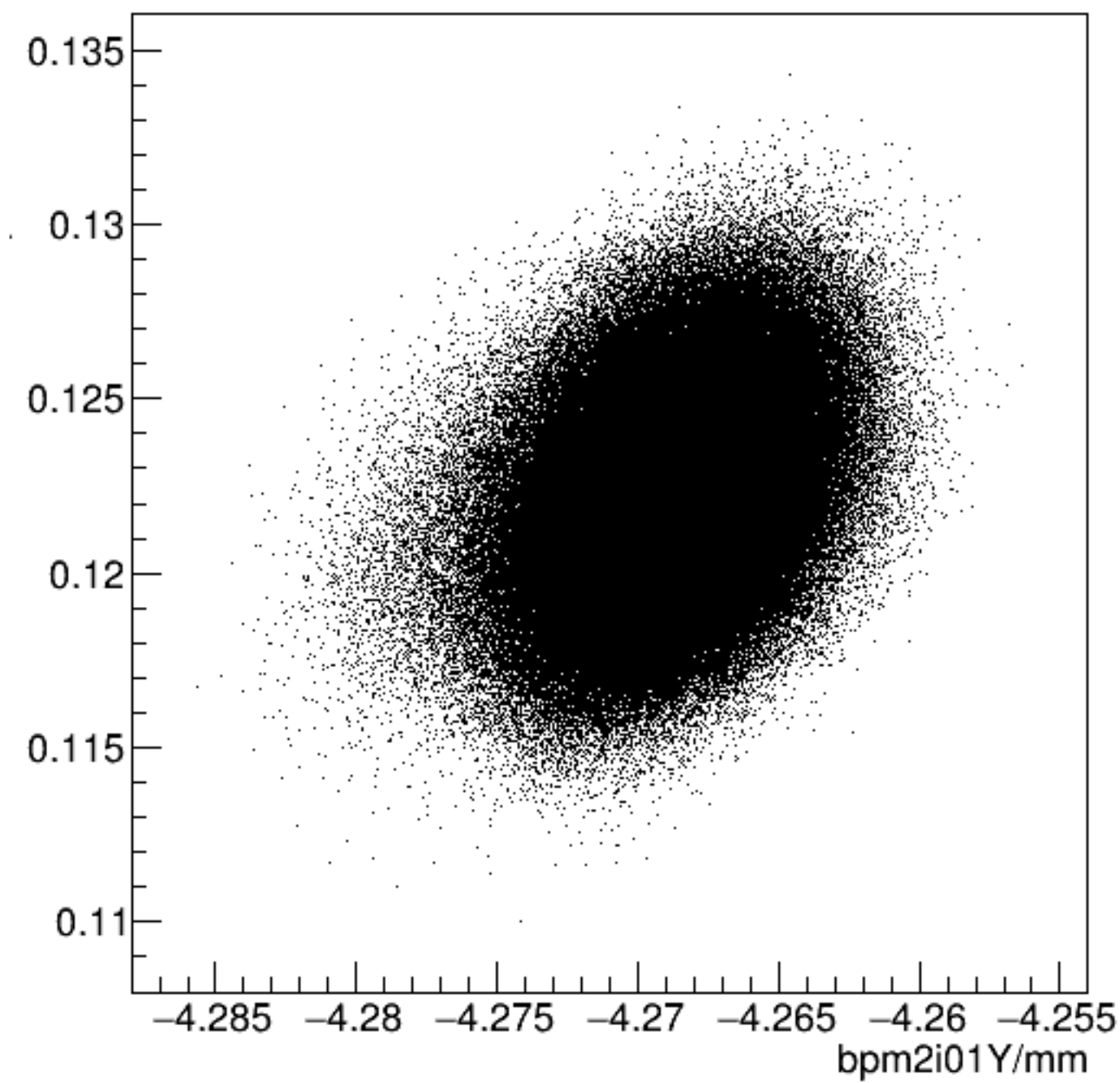


run5472_000_bpm2i01.png

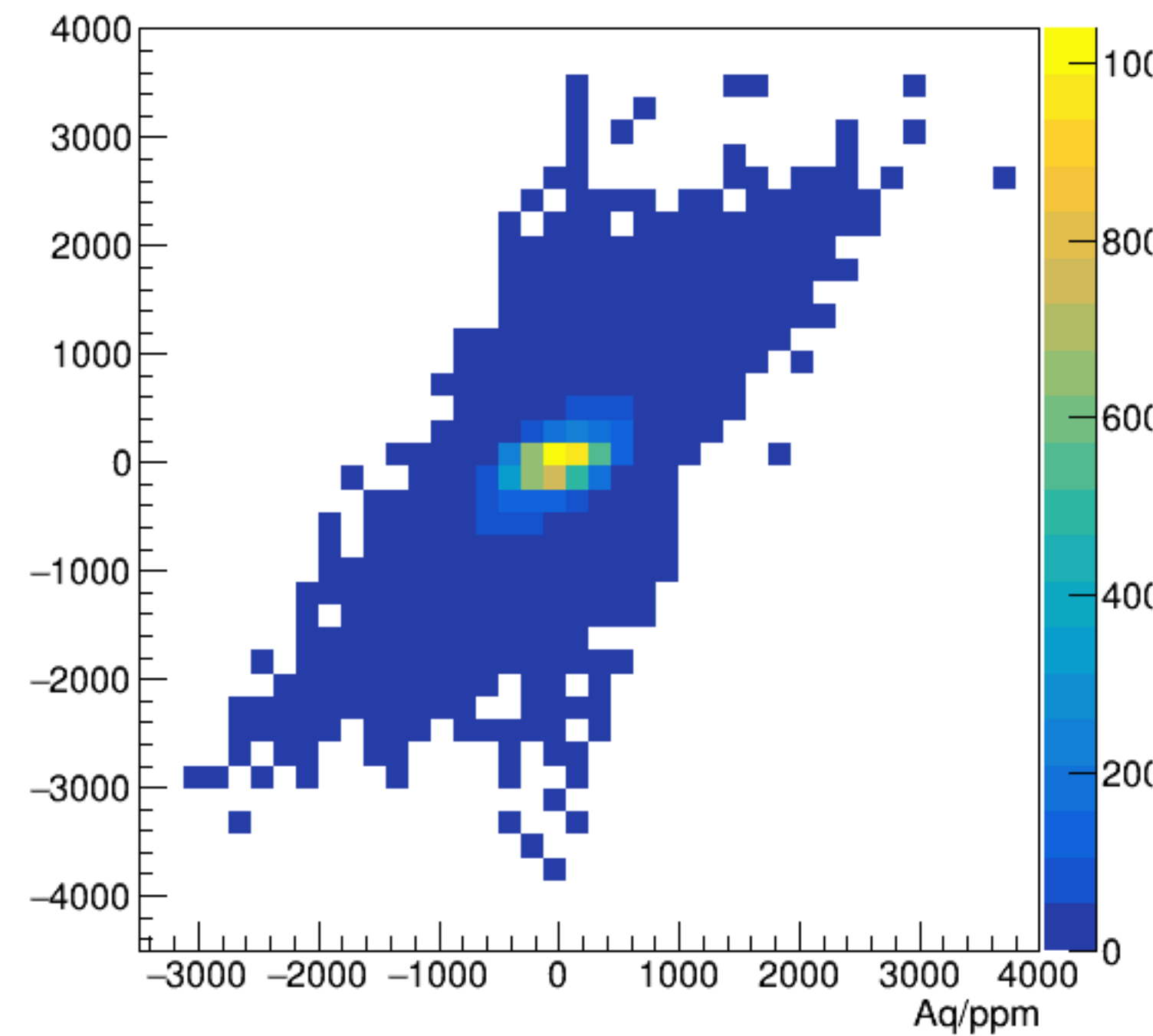
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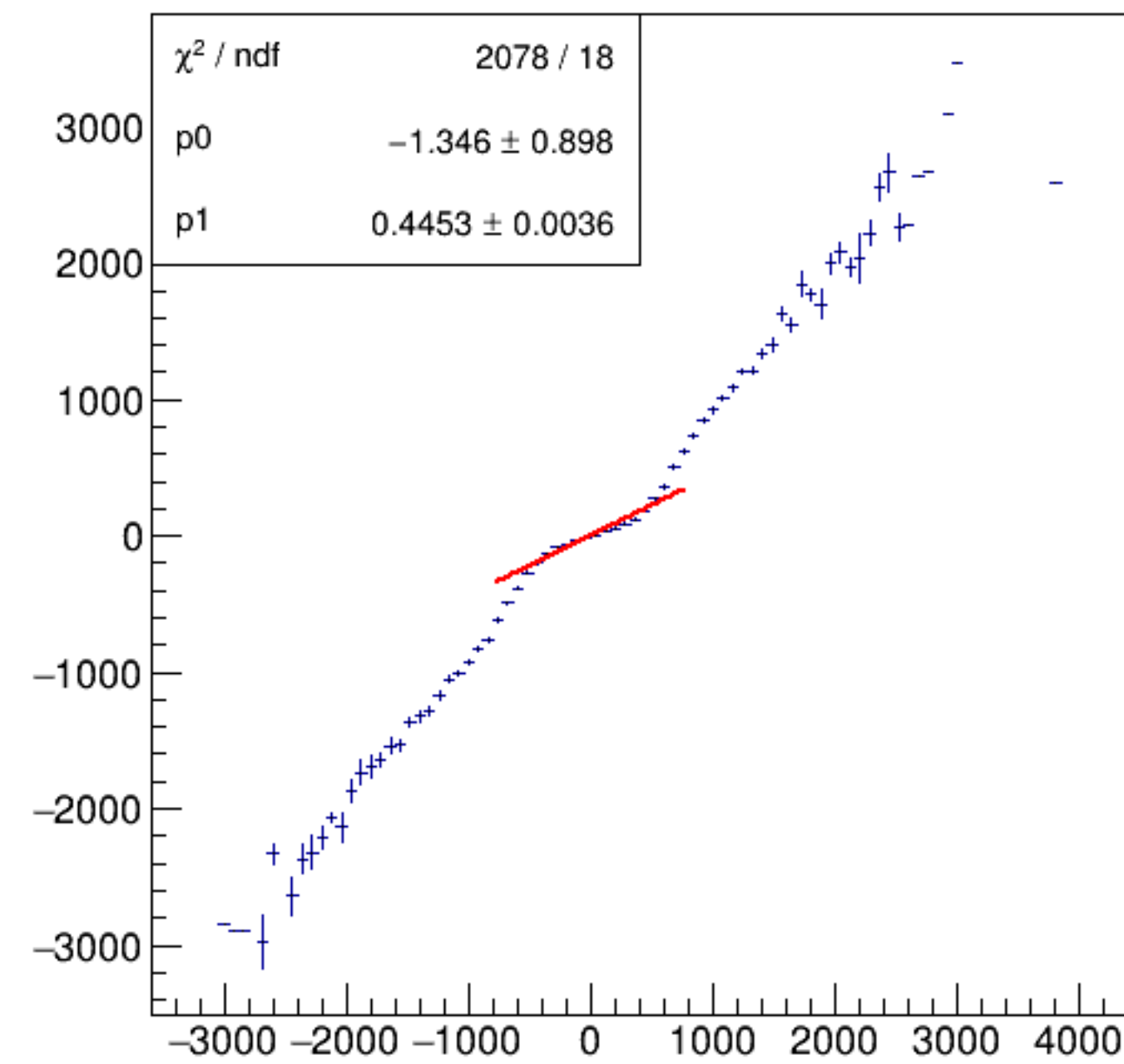
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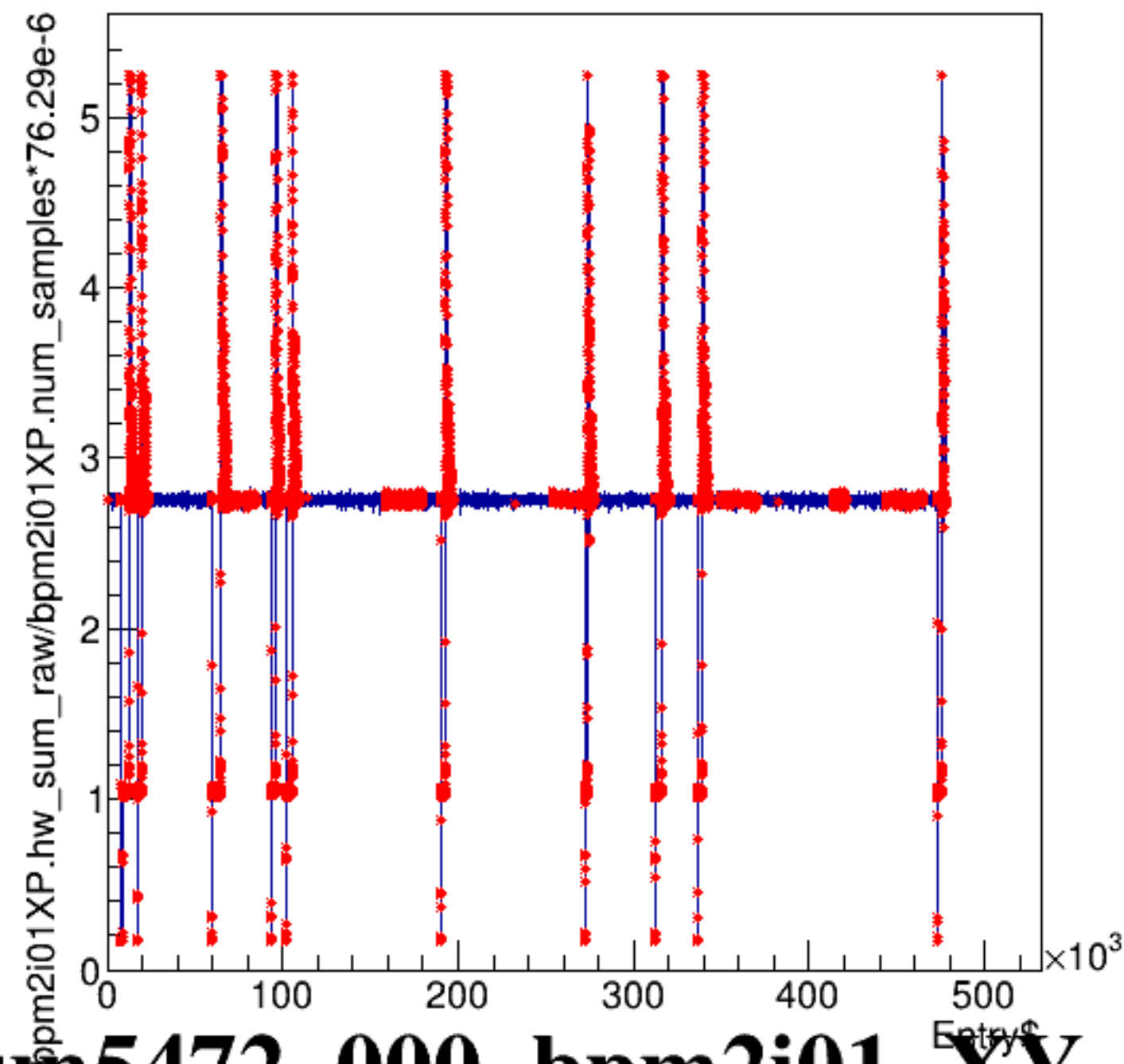
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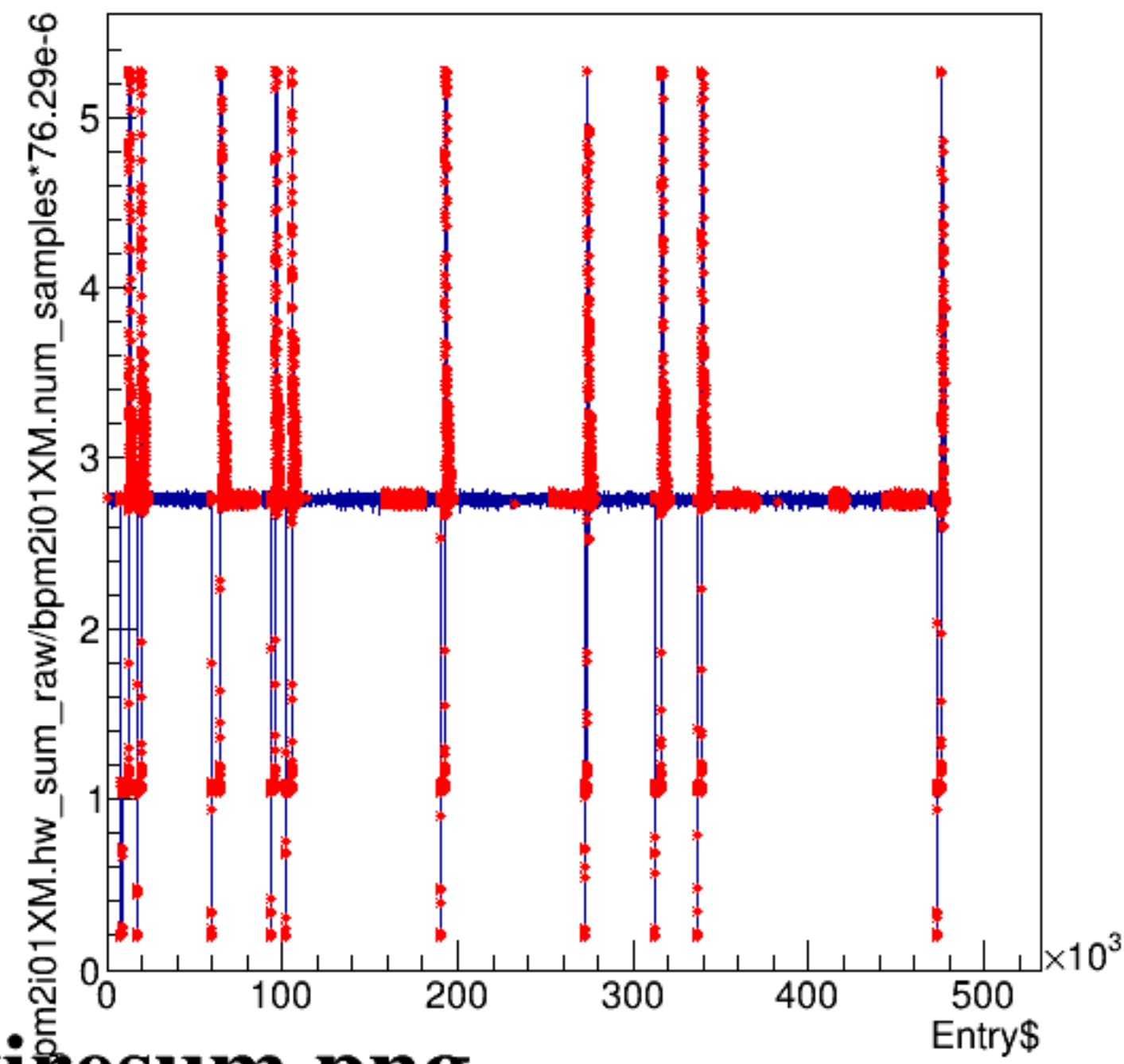
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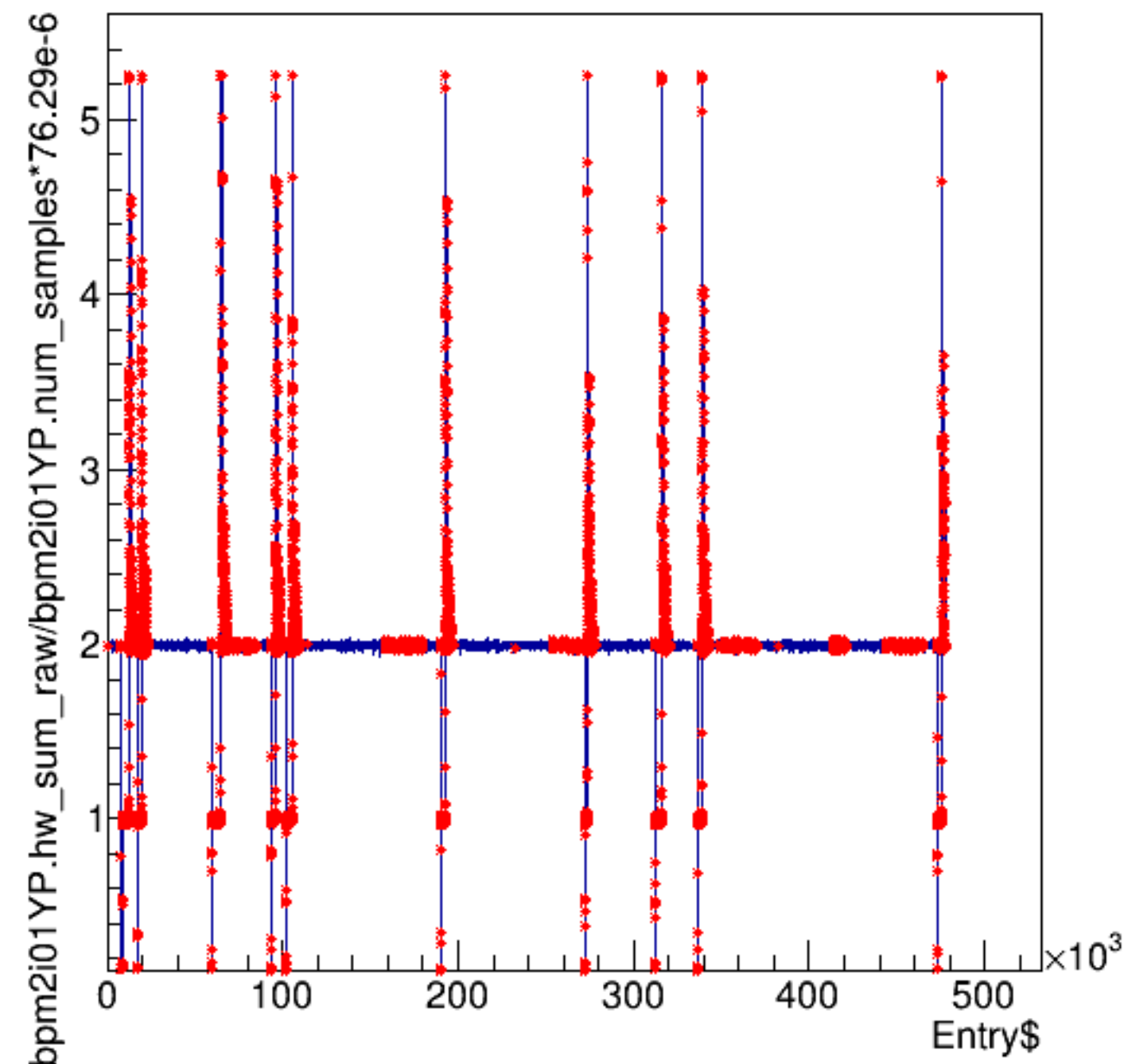
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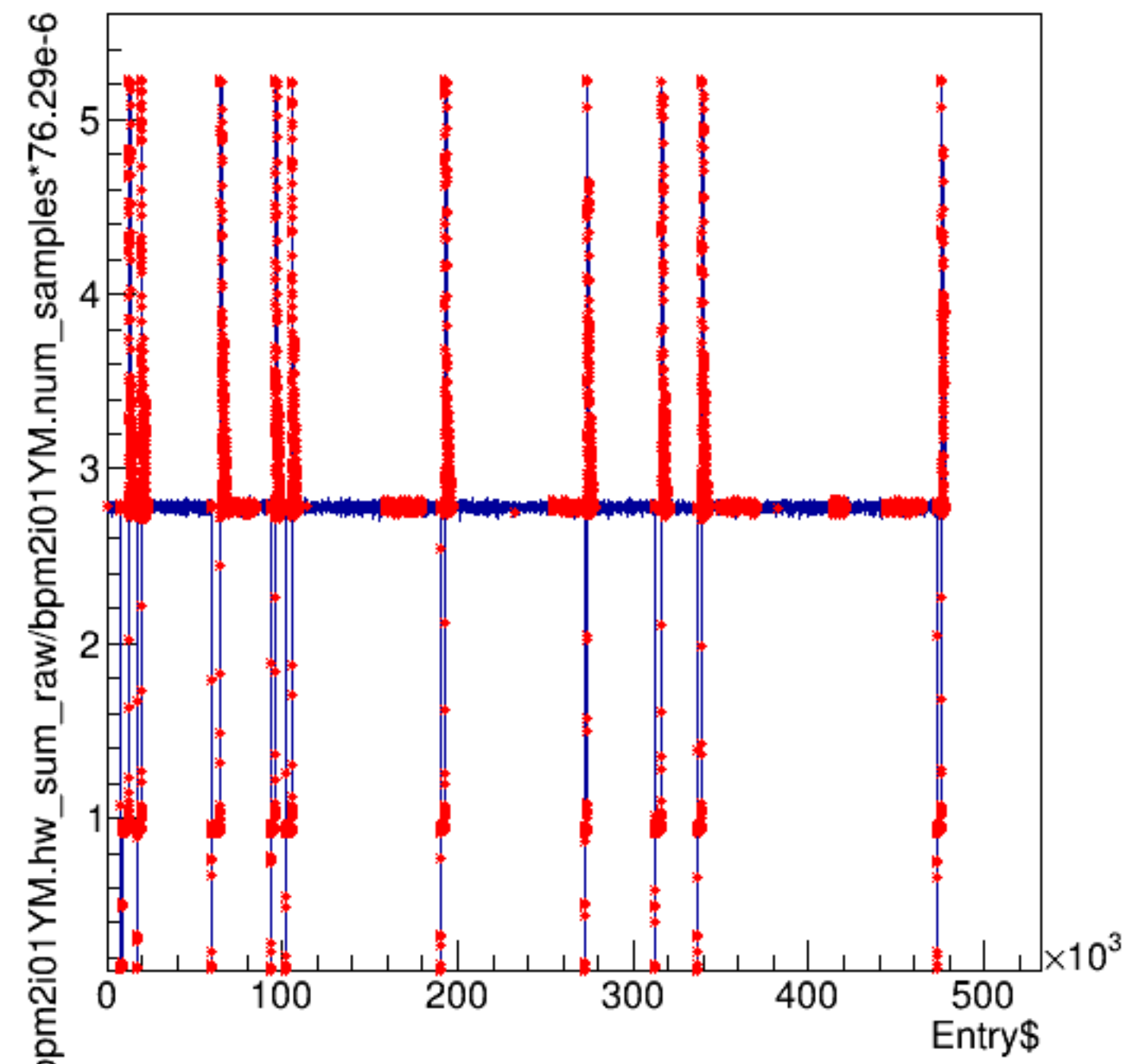
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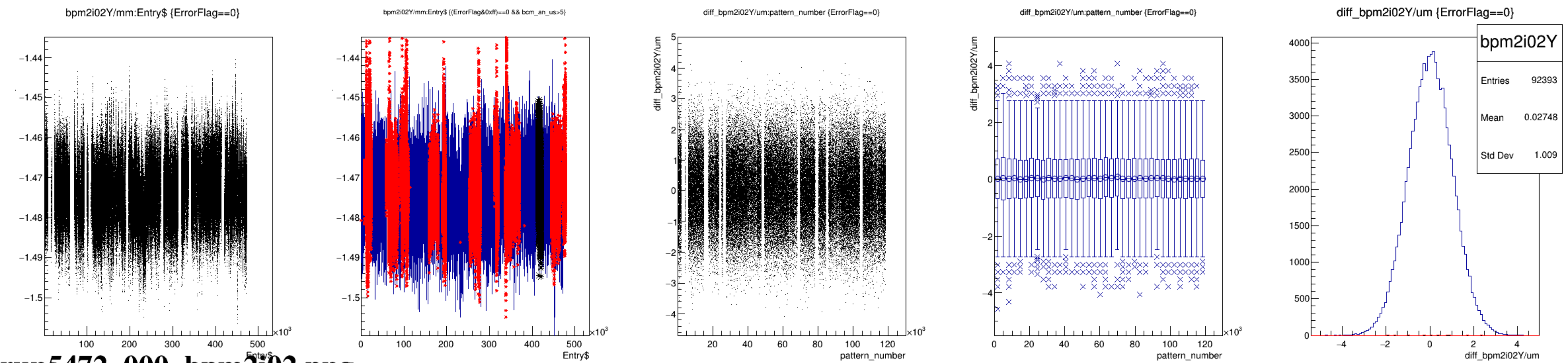
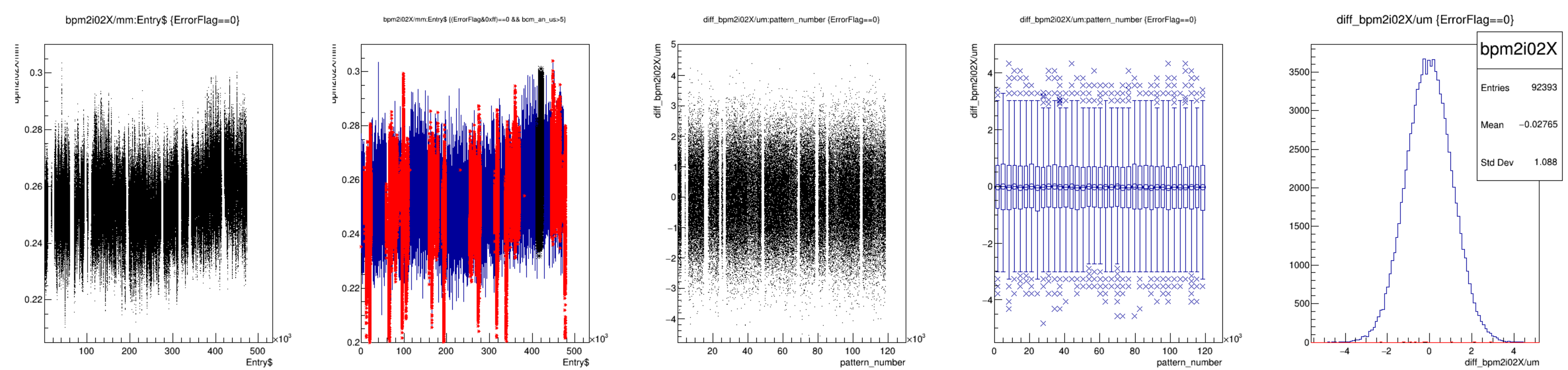


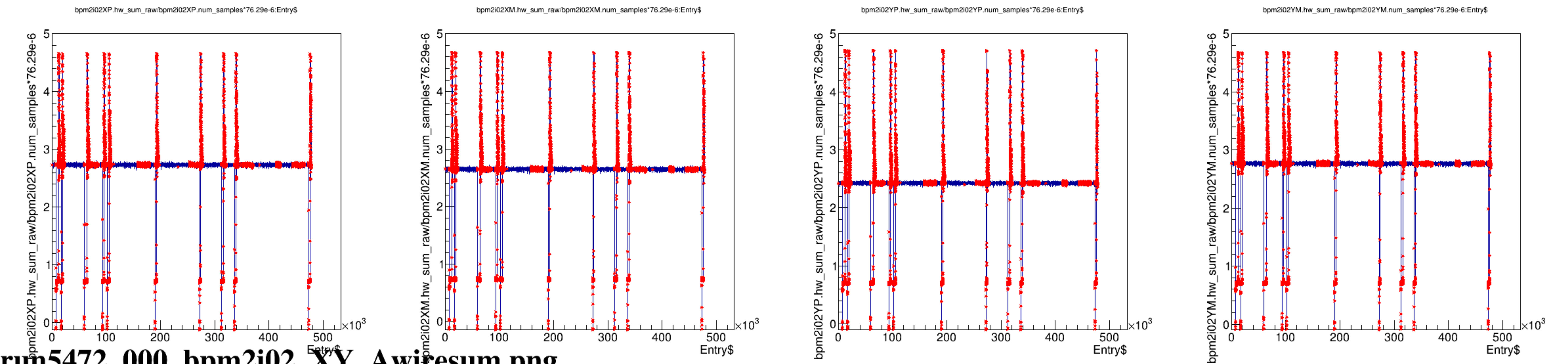
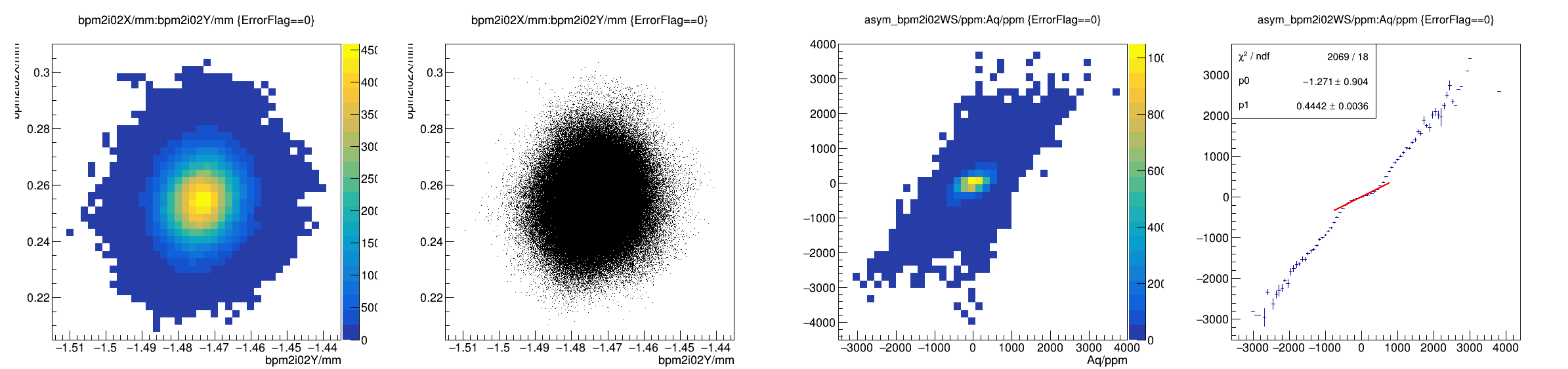
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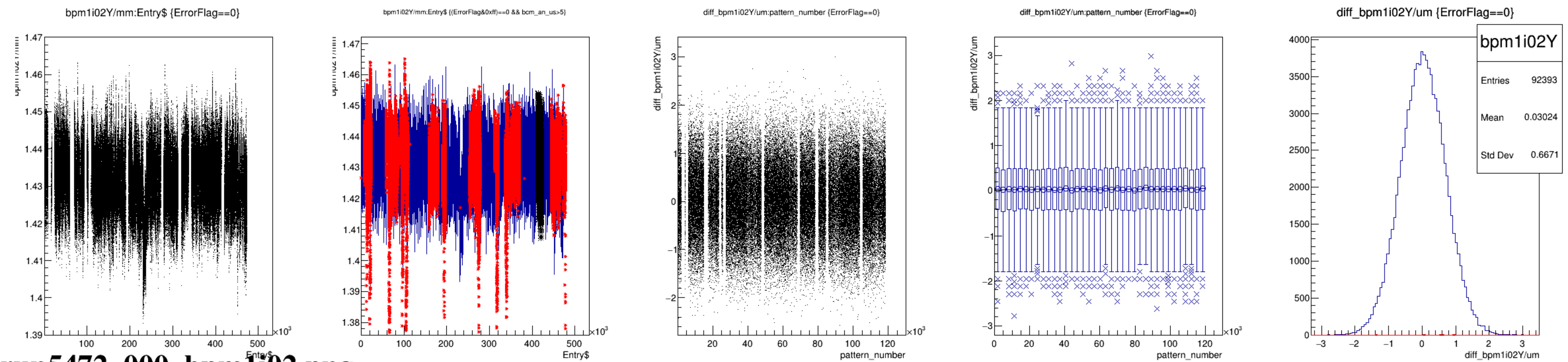
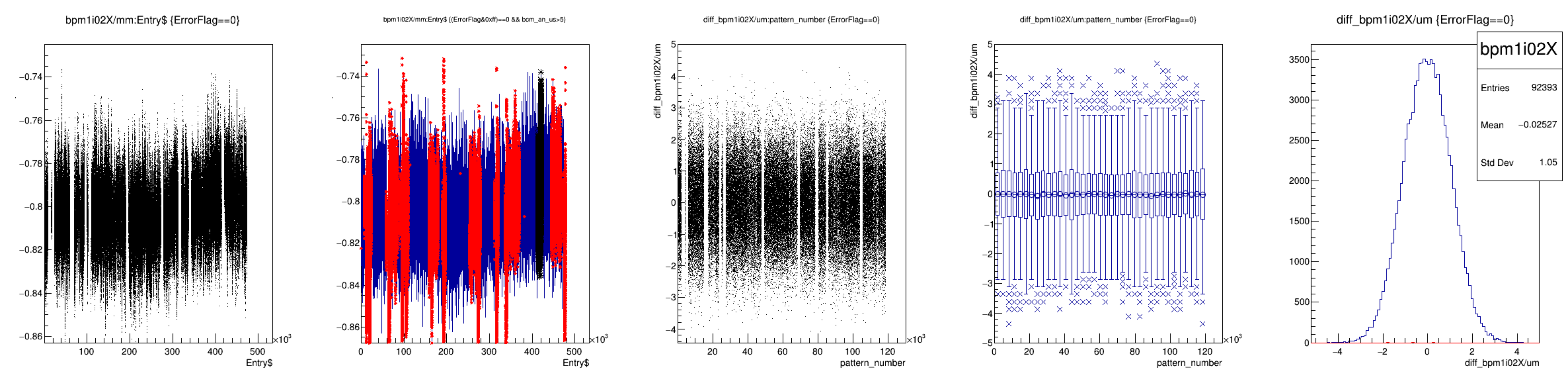


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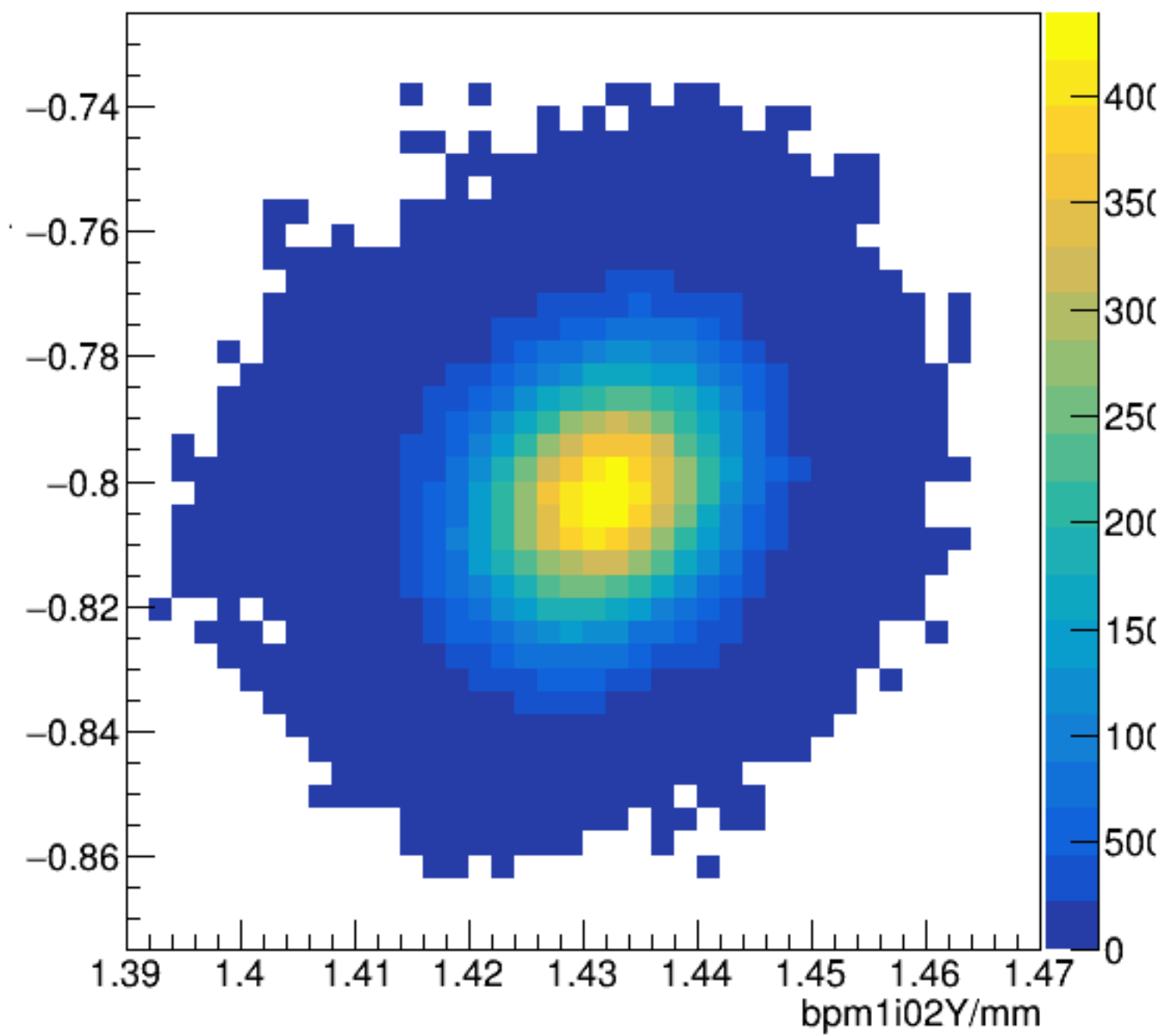




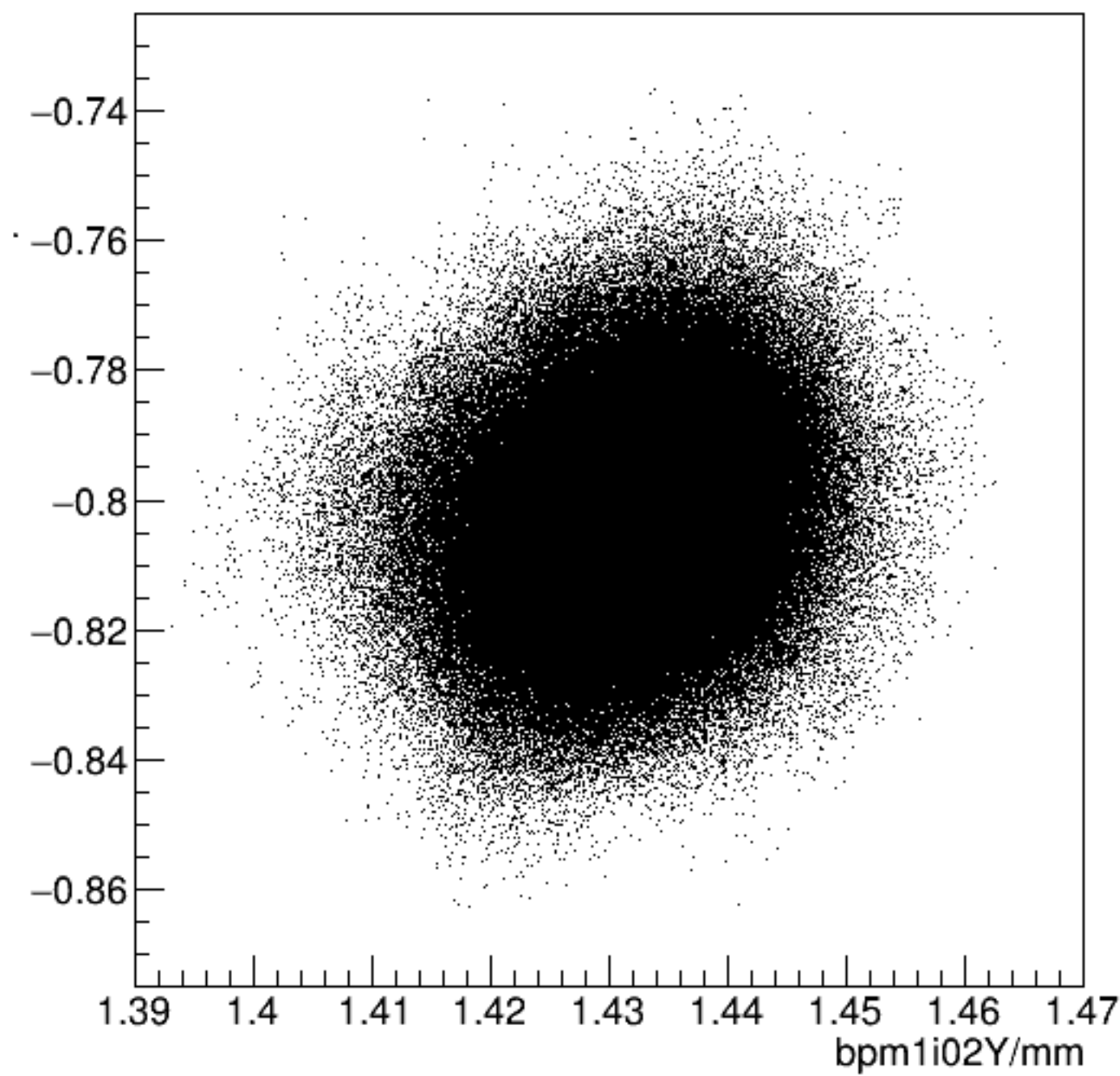


run5472_000_bpm1i02.png

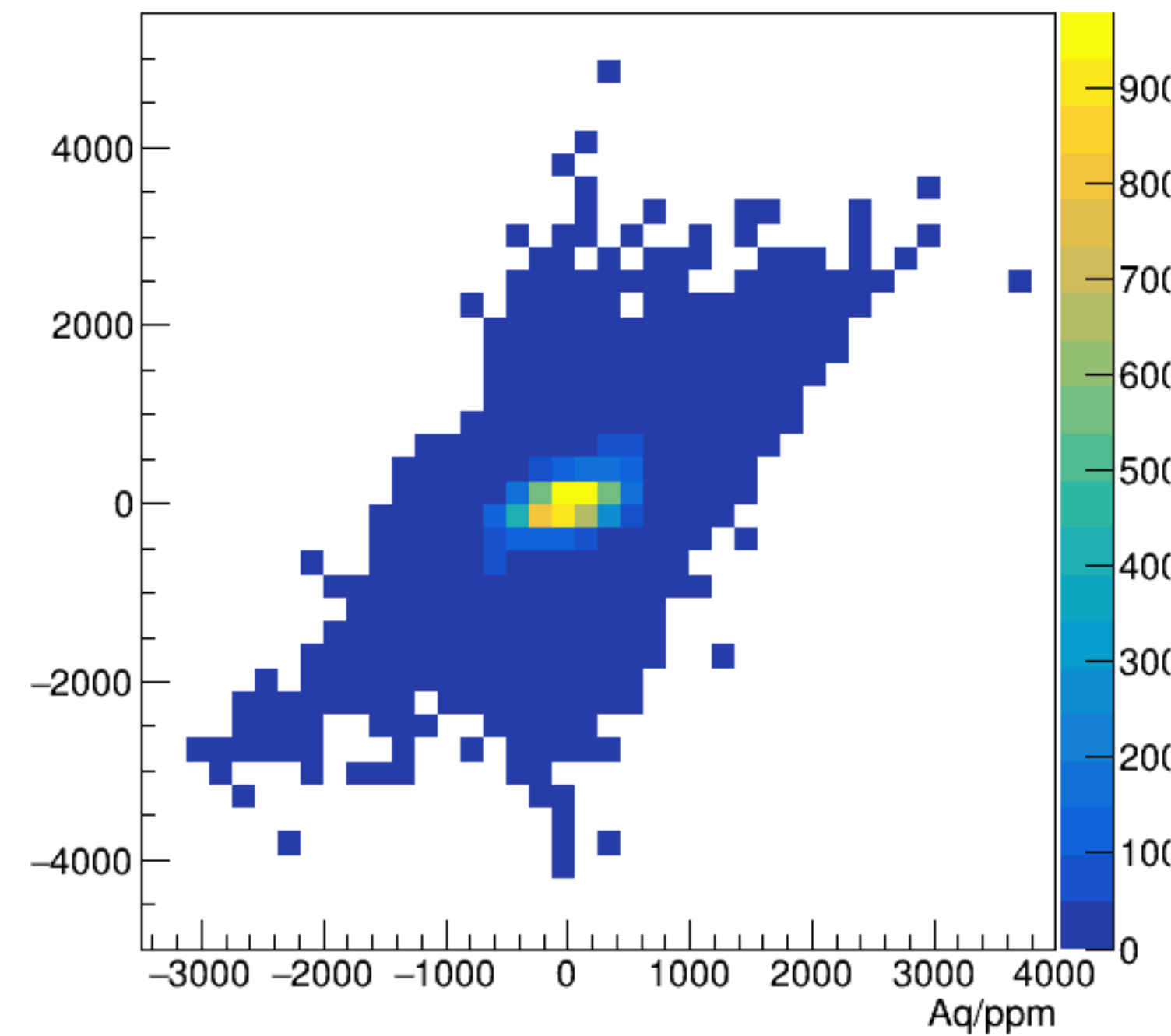
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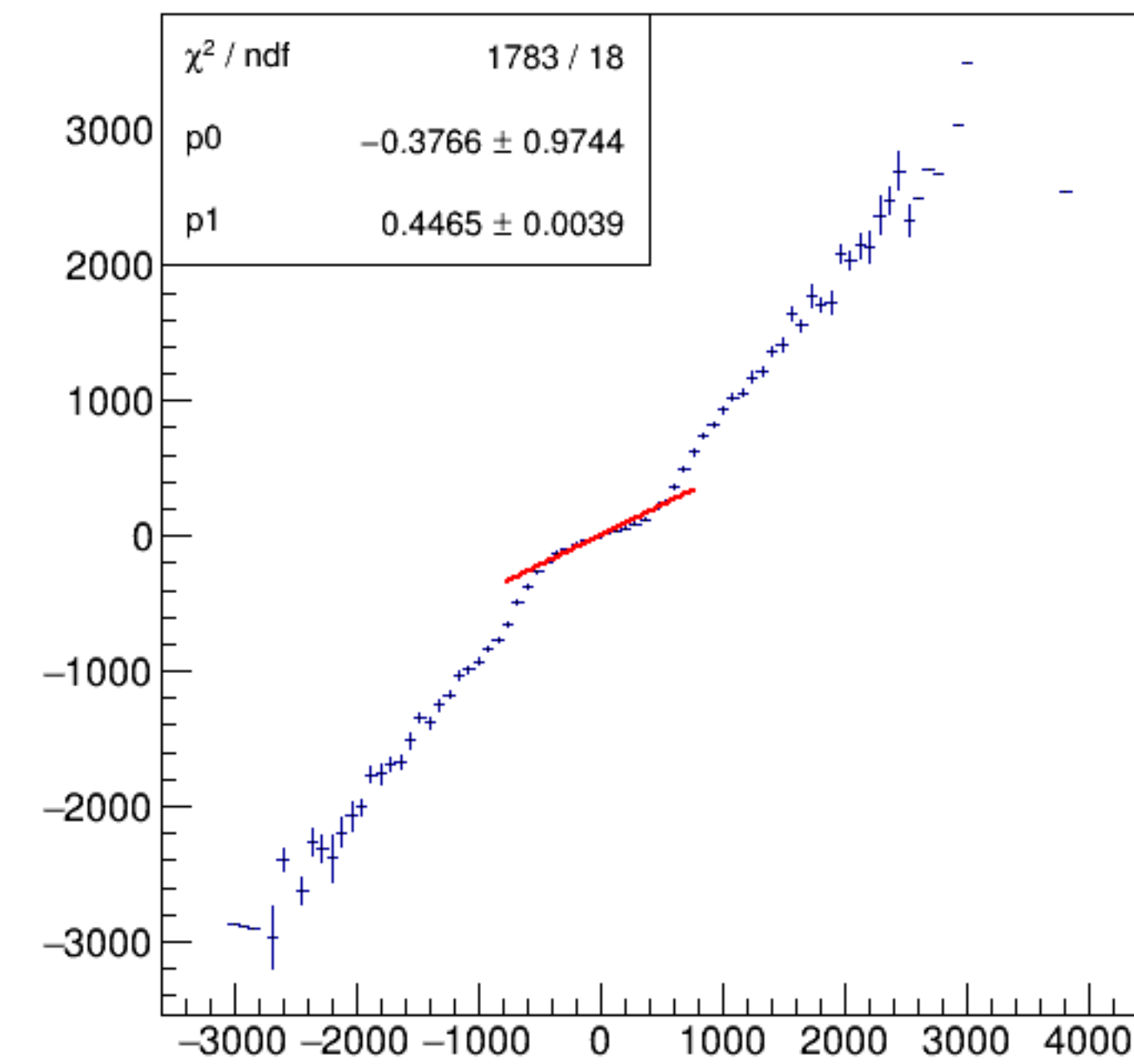
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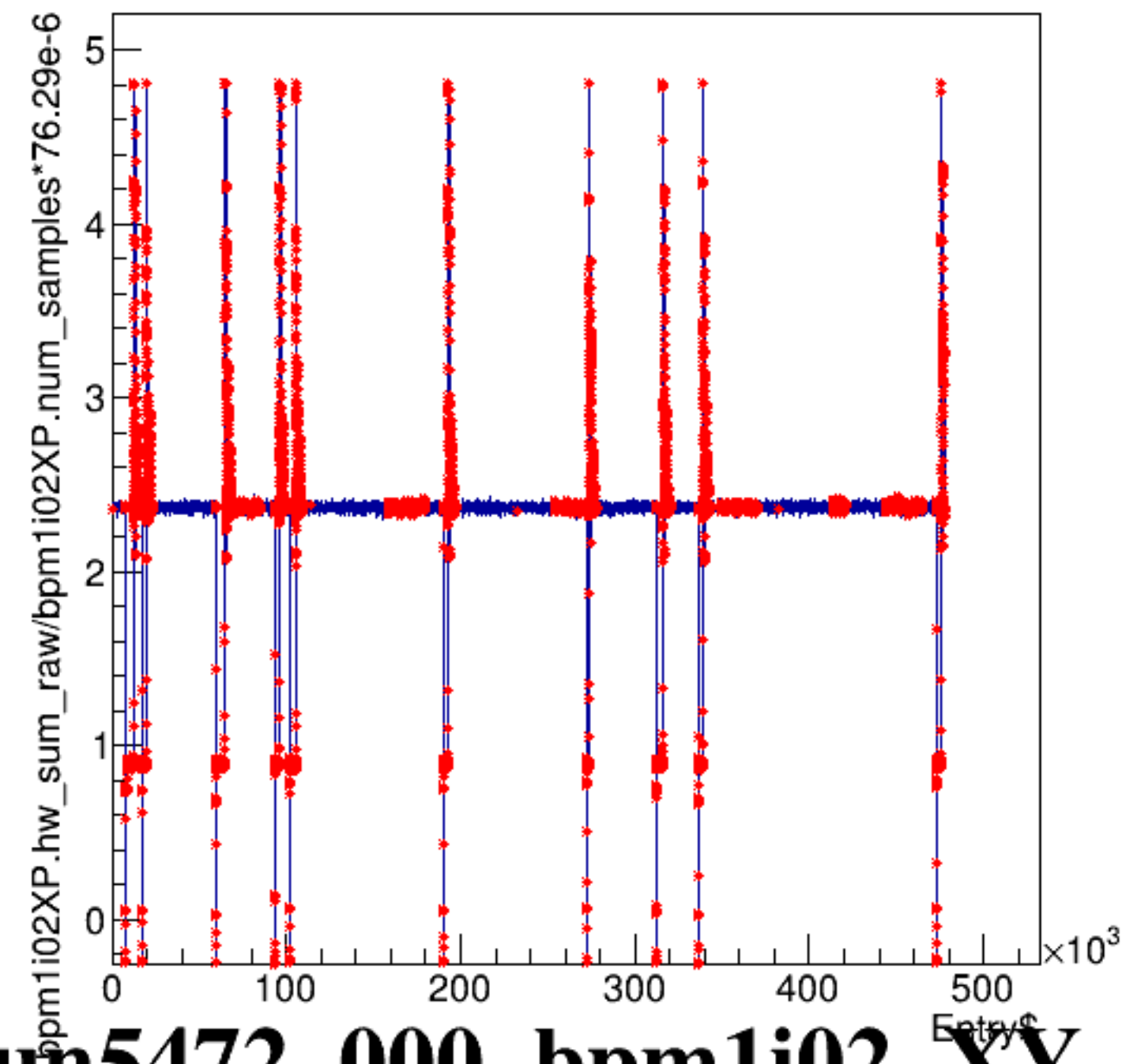
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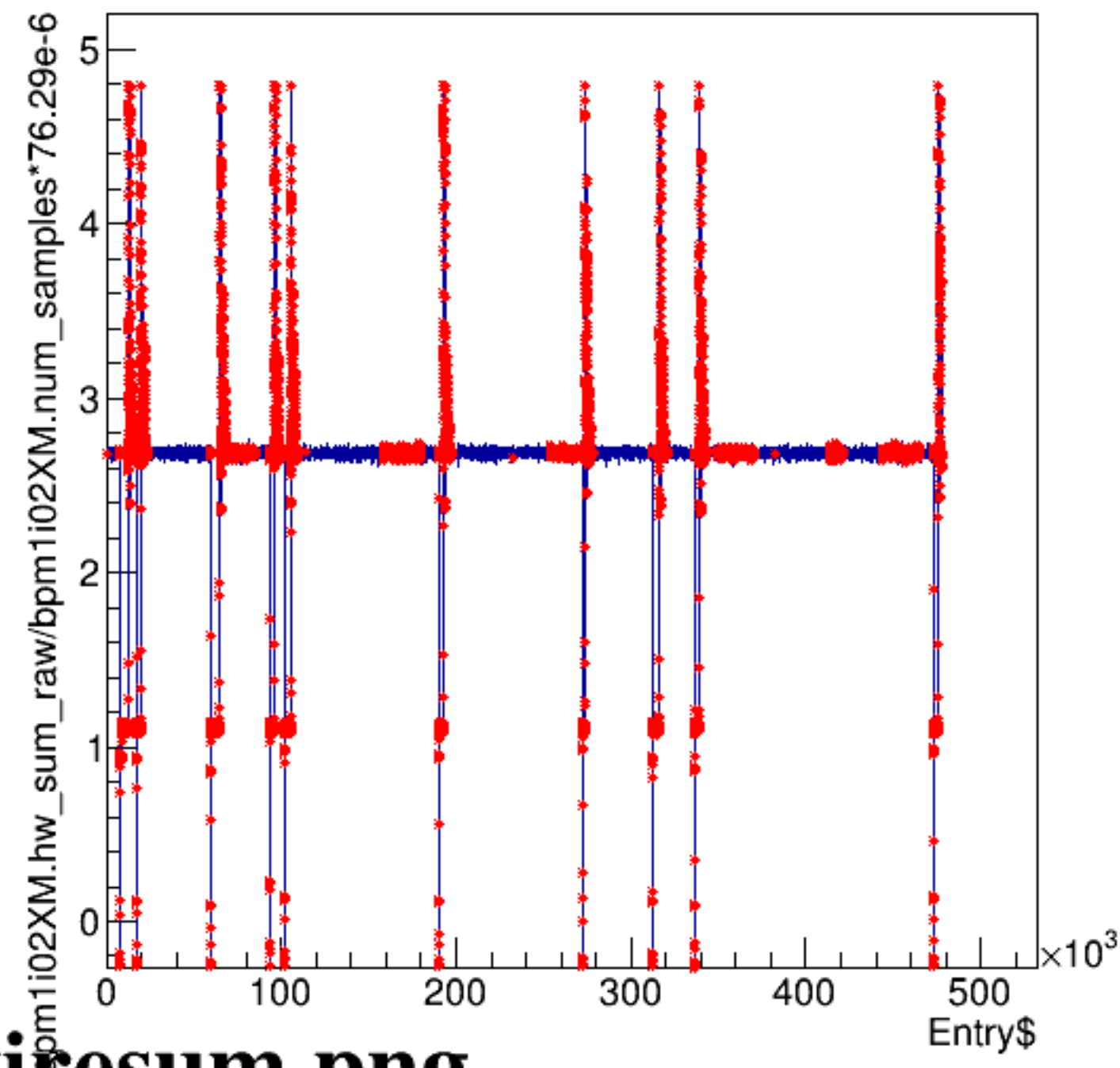
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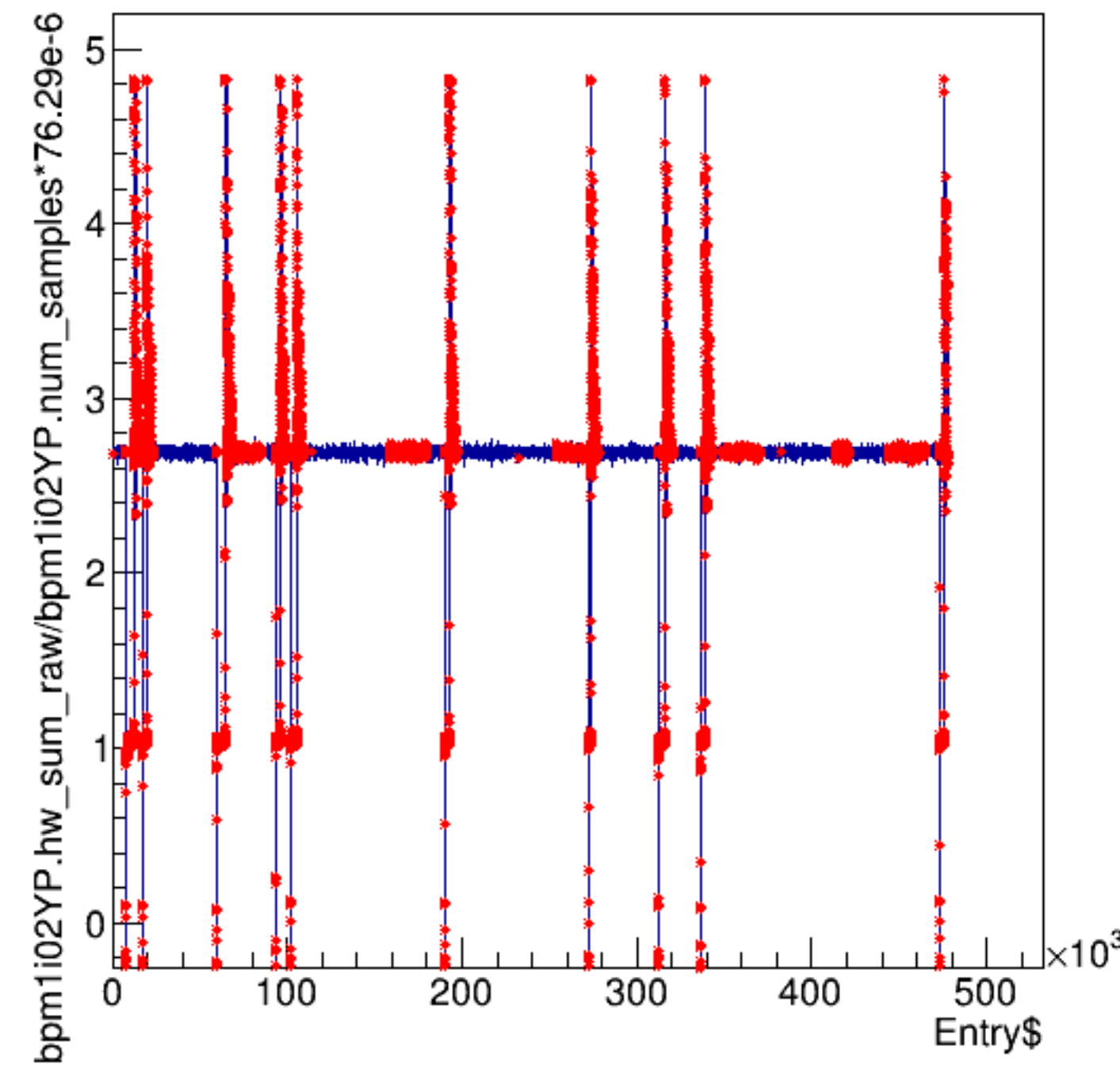
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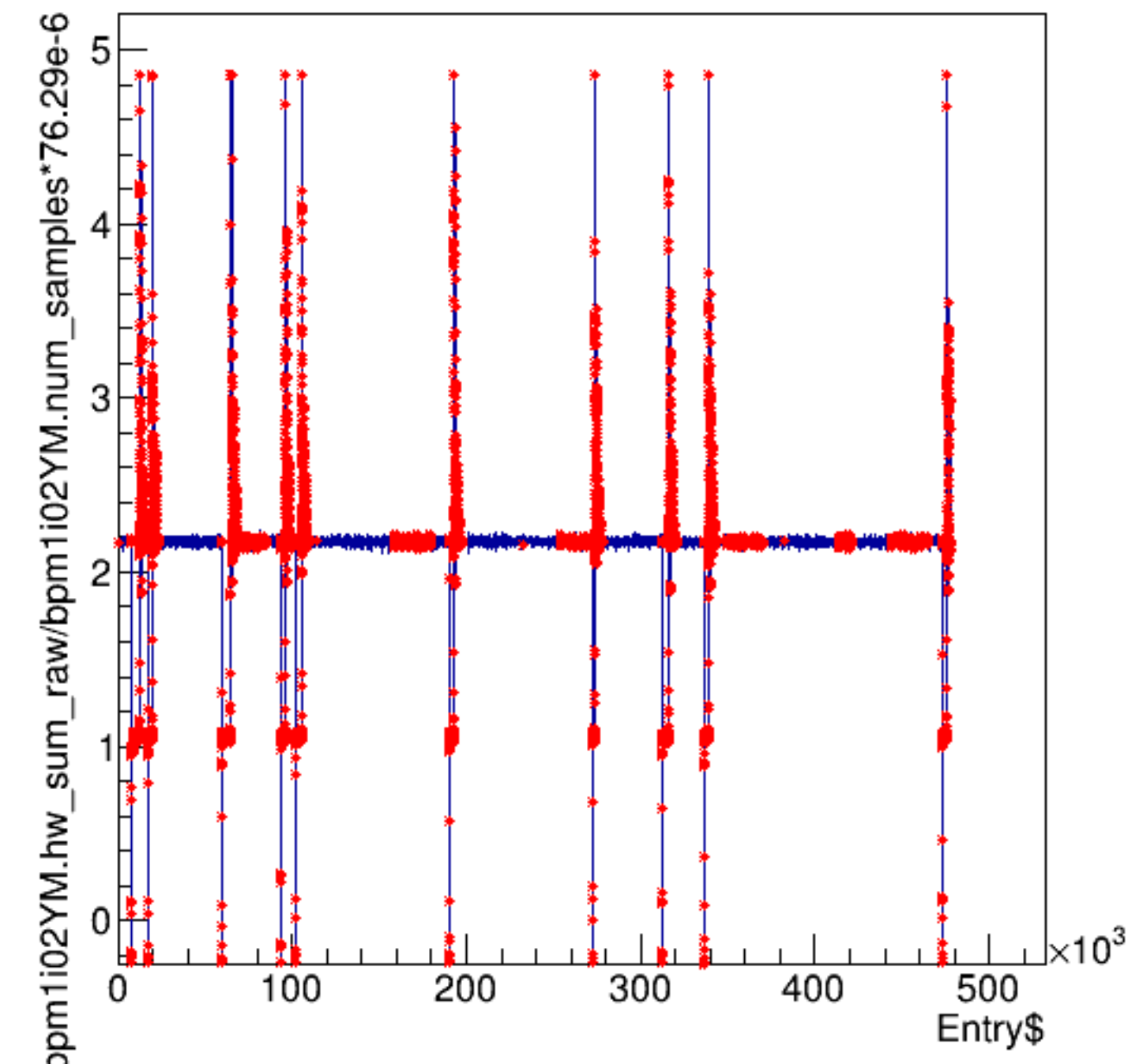
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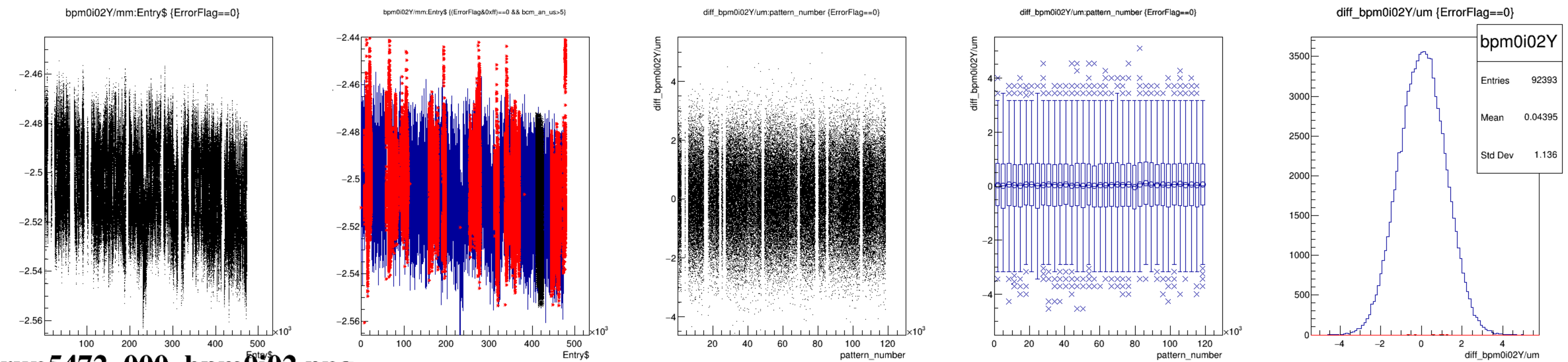
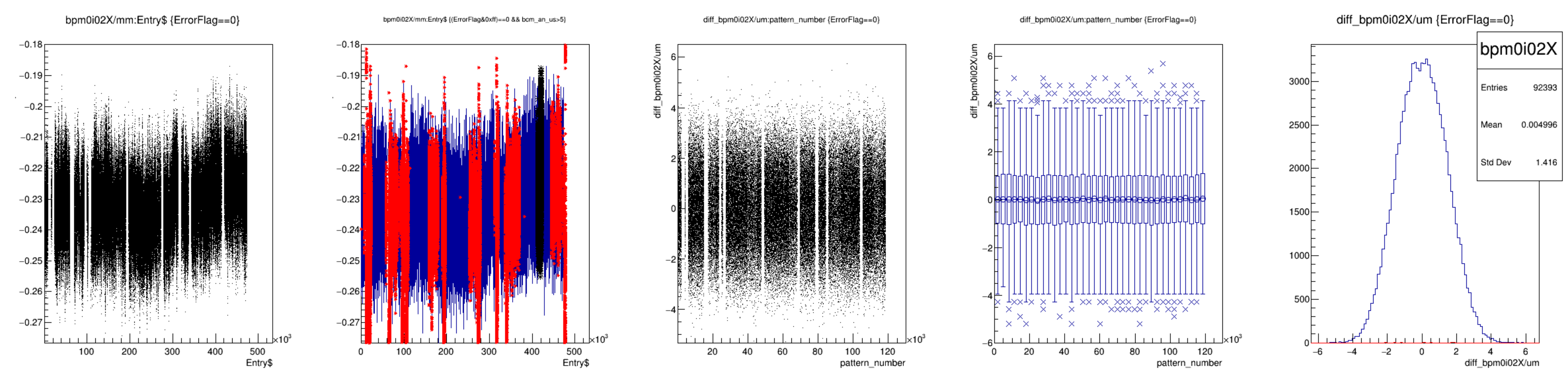


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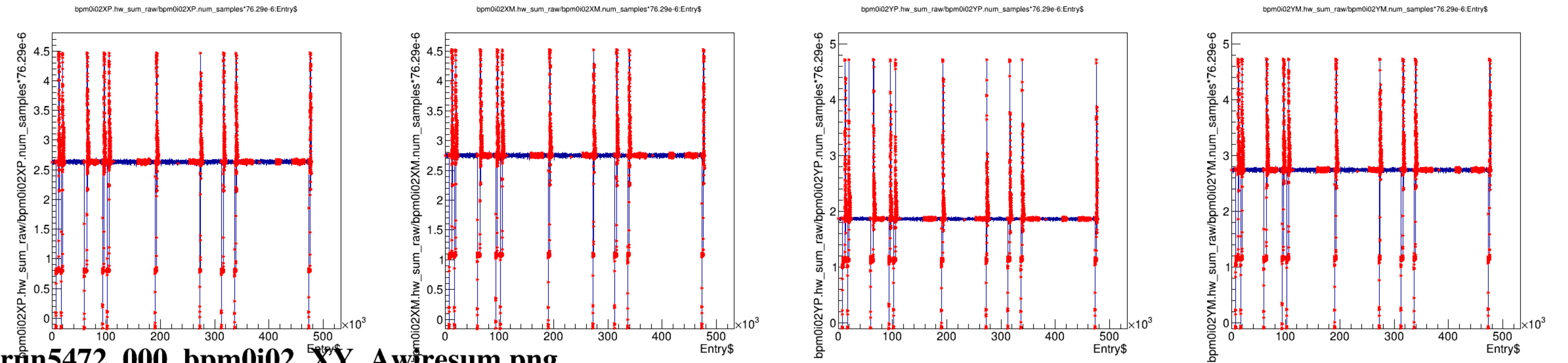
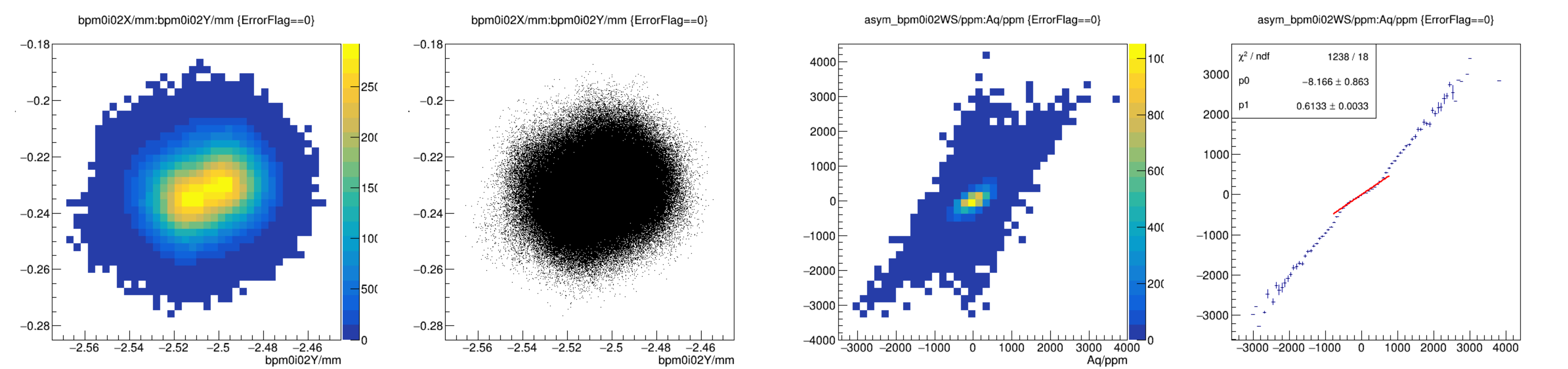


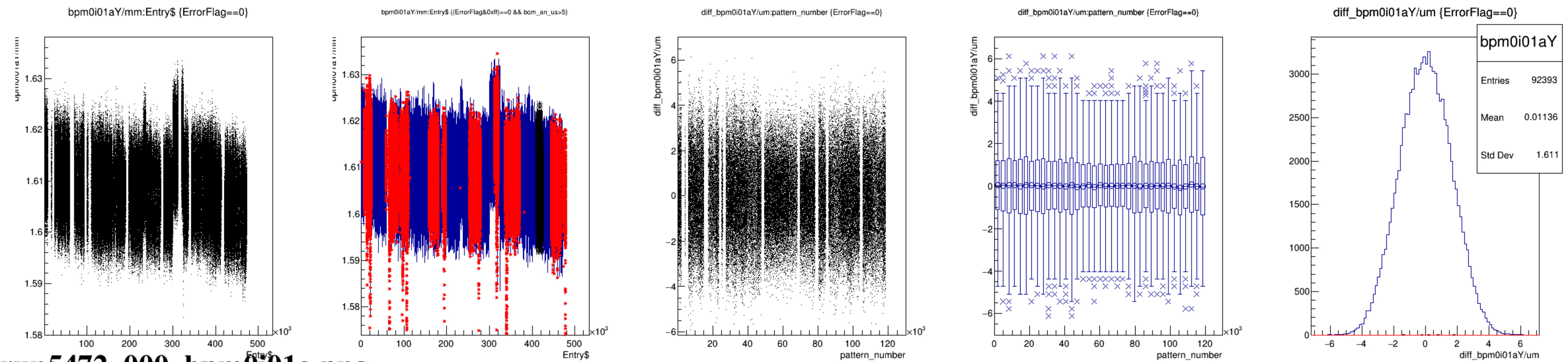
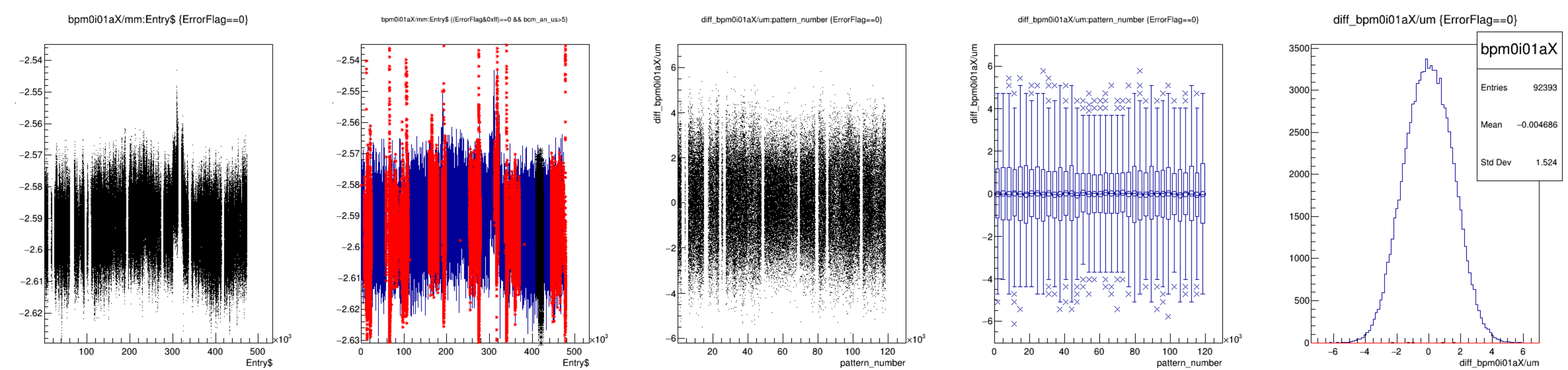
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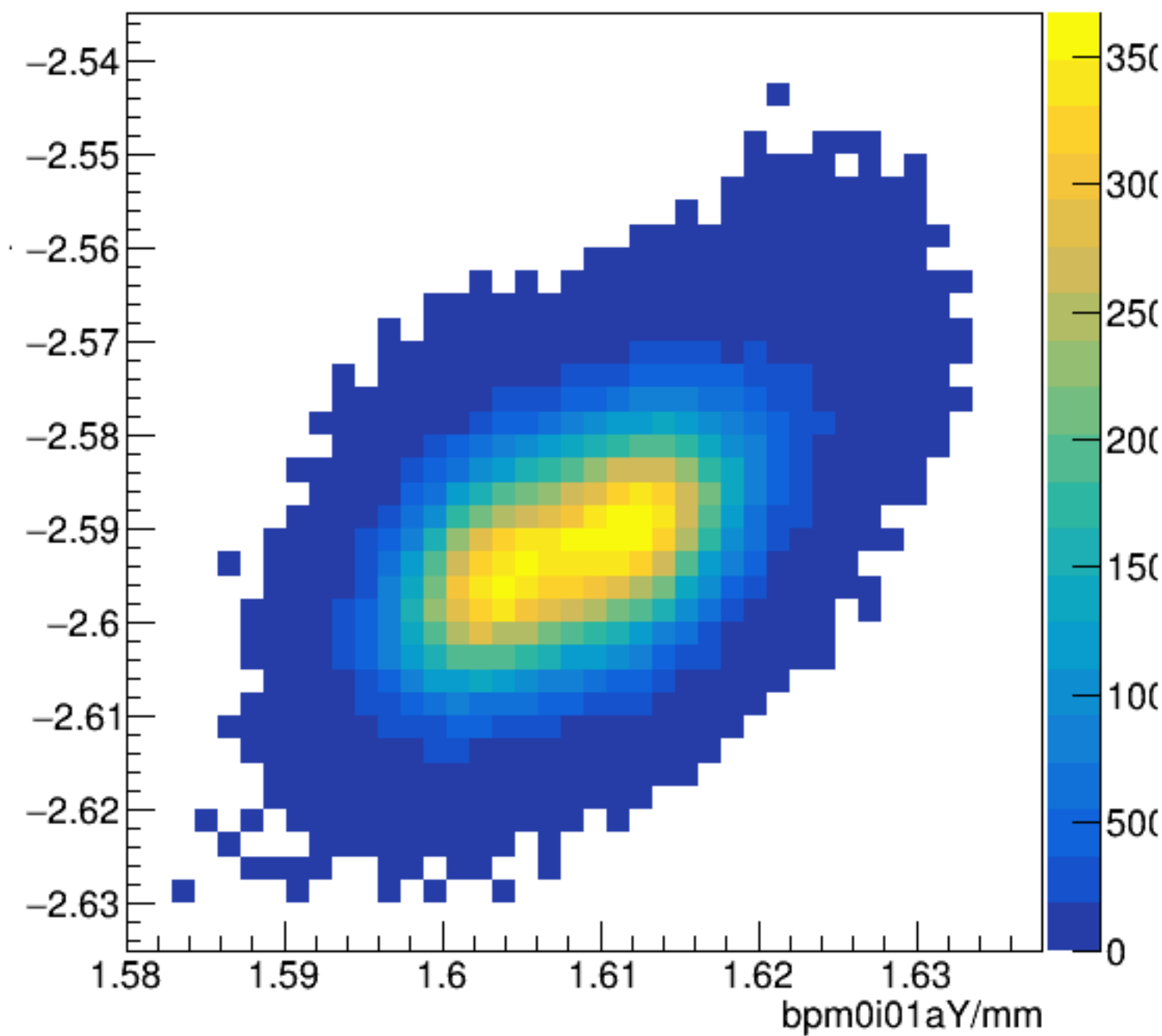
run5472_000_bpm0i02.png



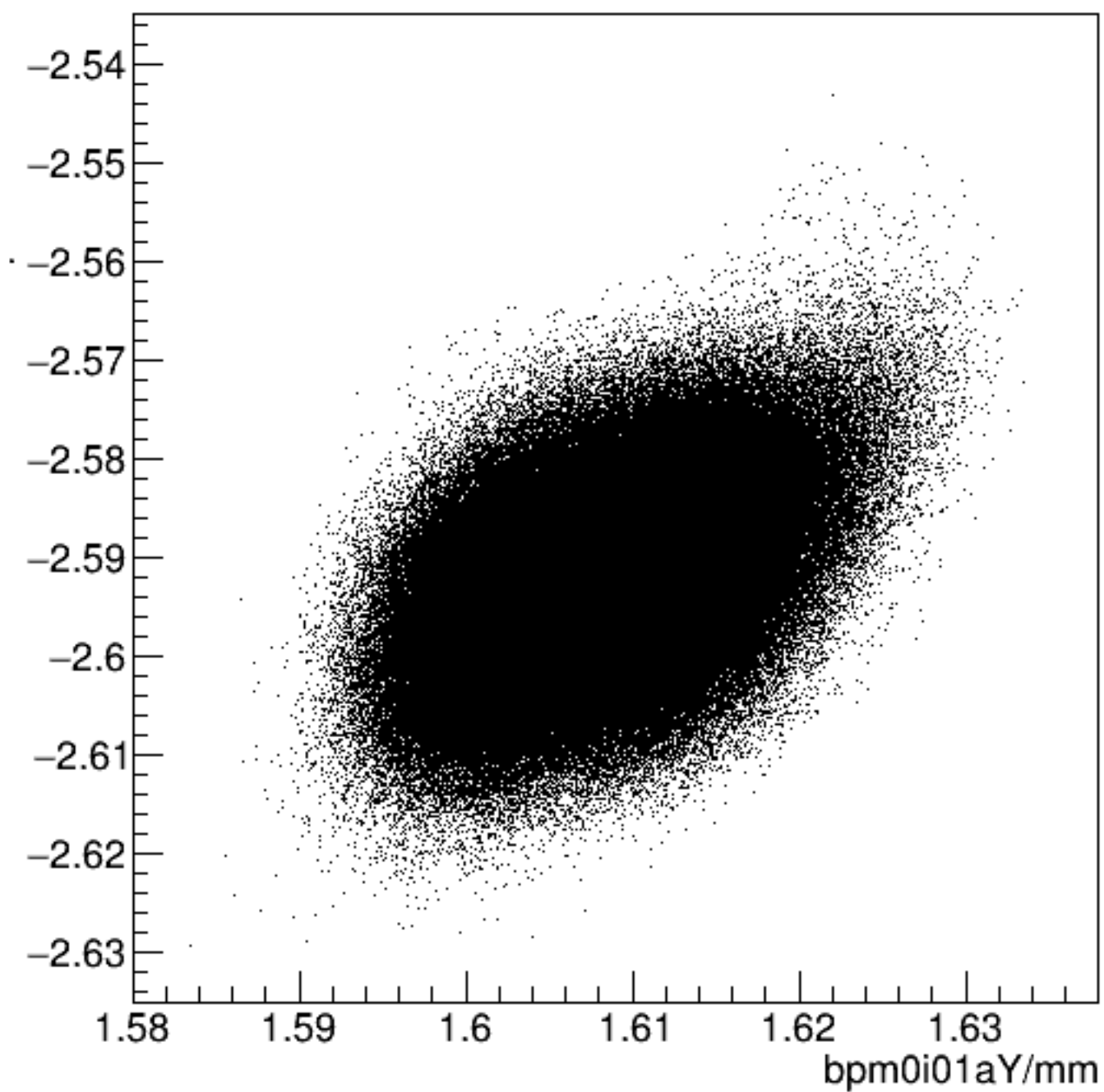


run5472_000_bpm0i01a.png

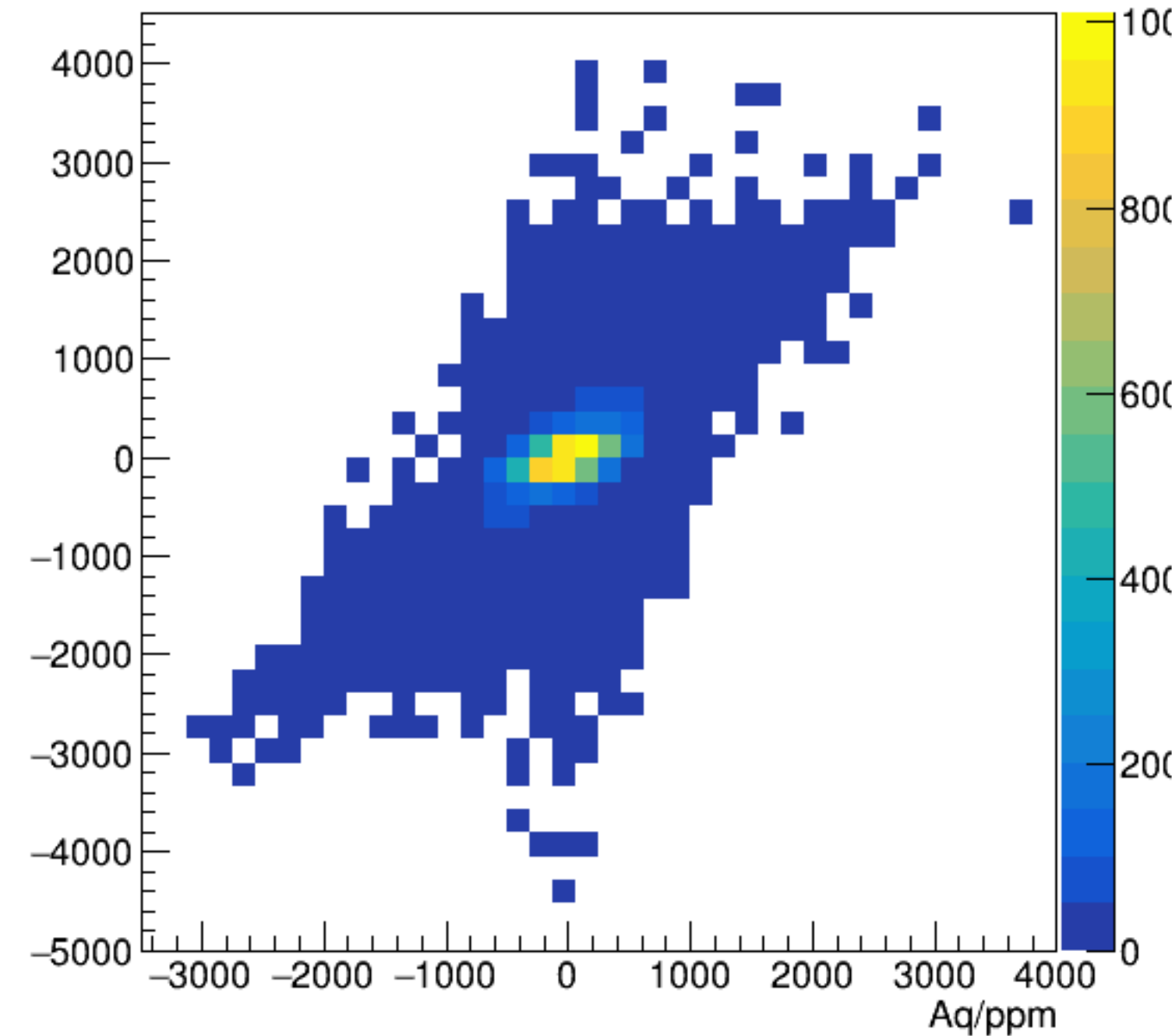
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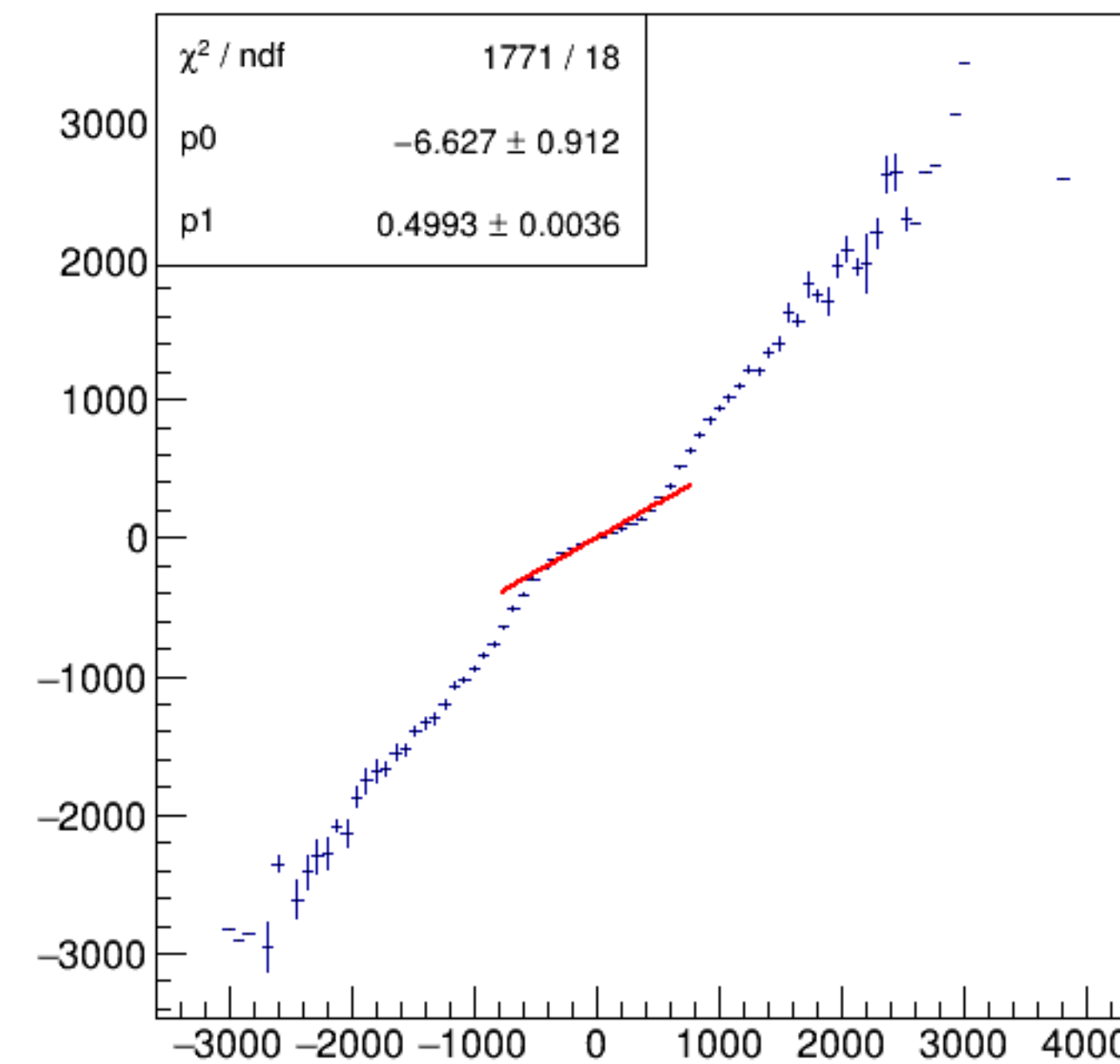
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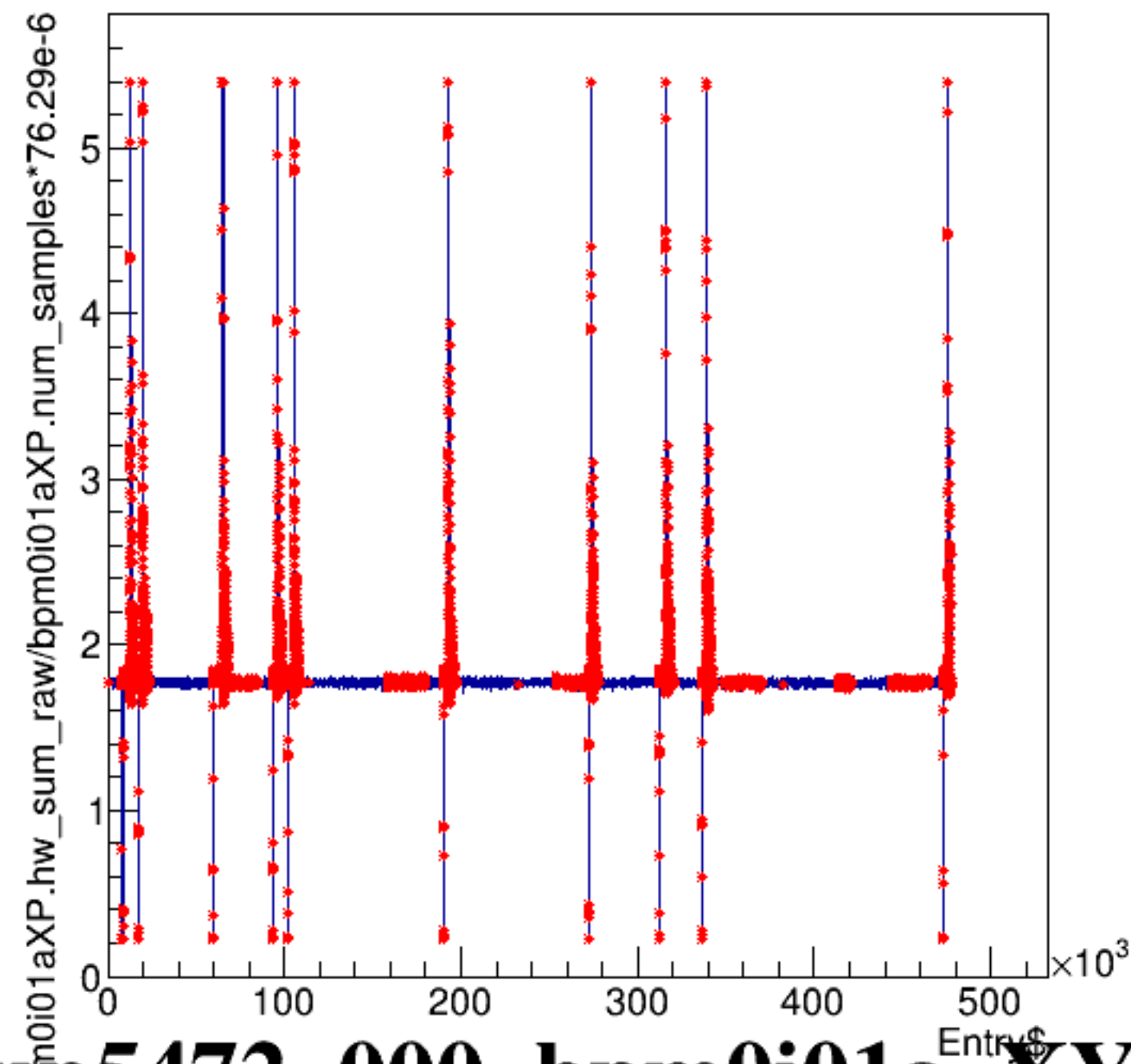
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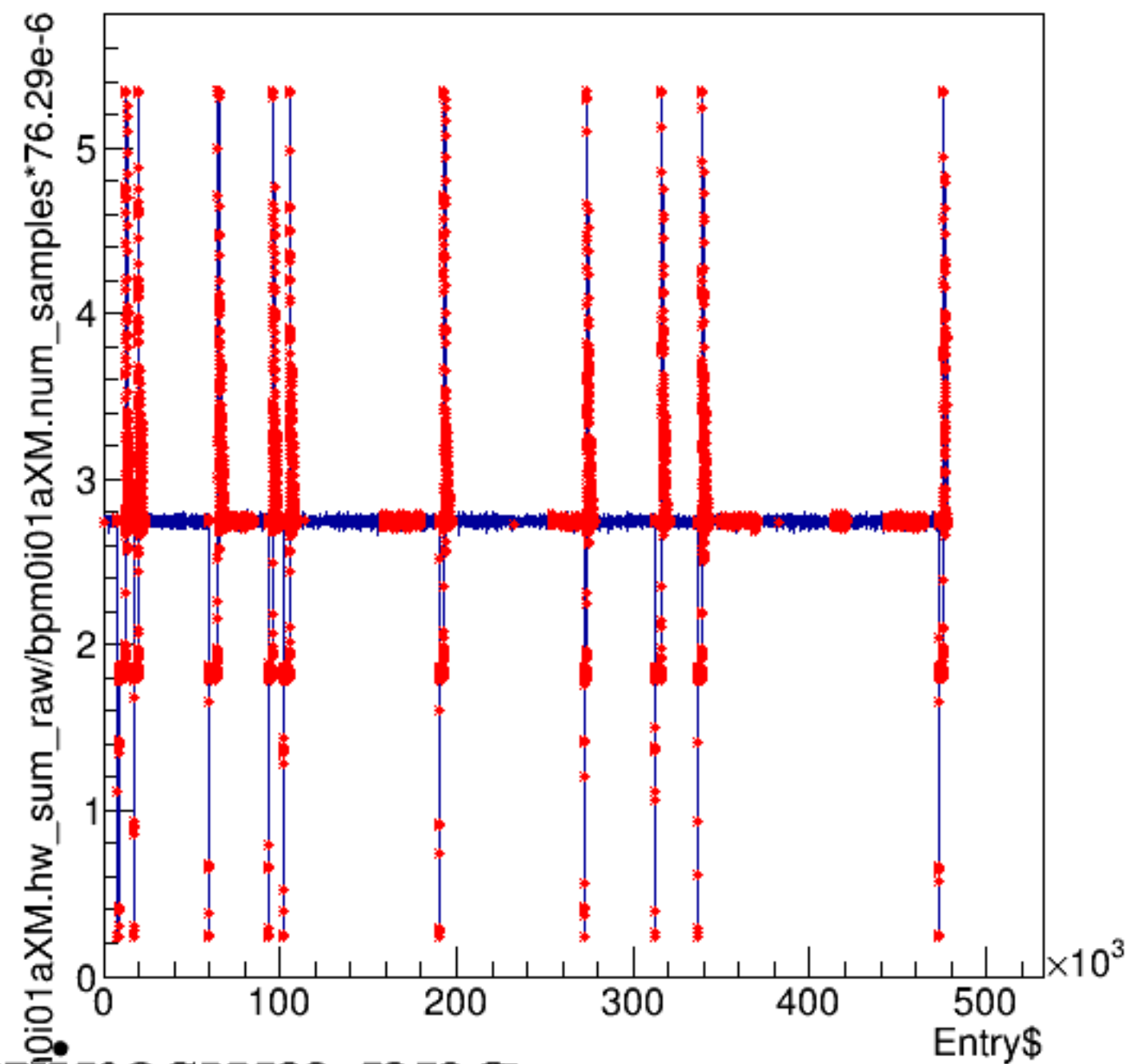
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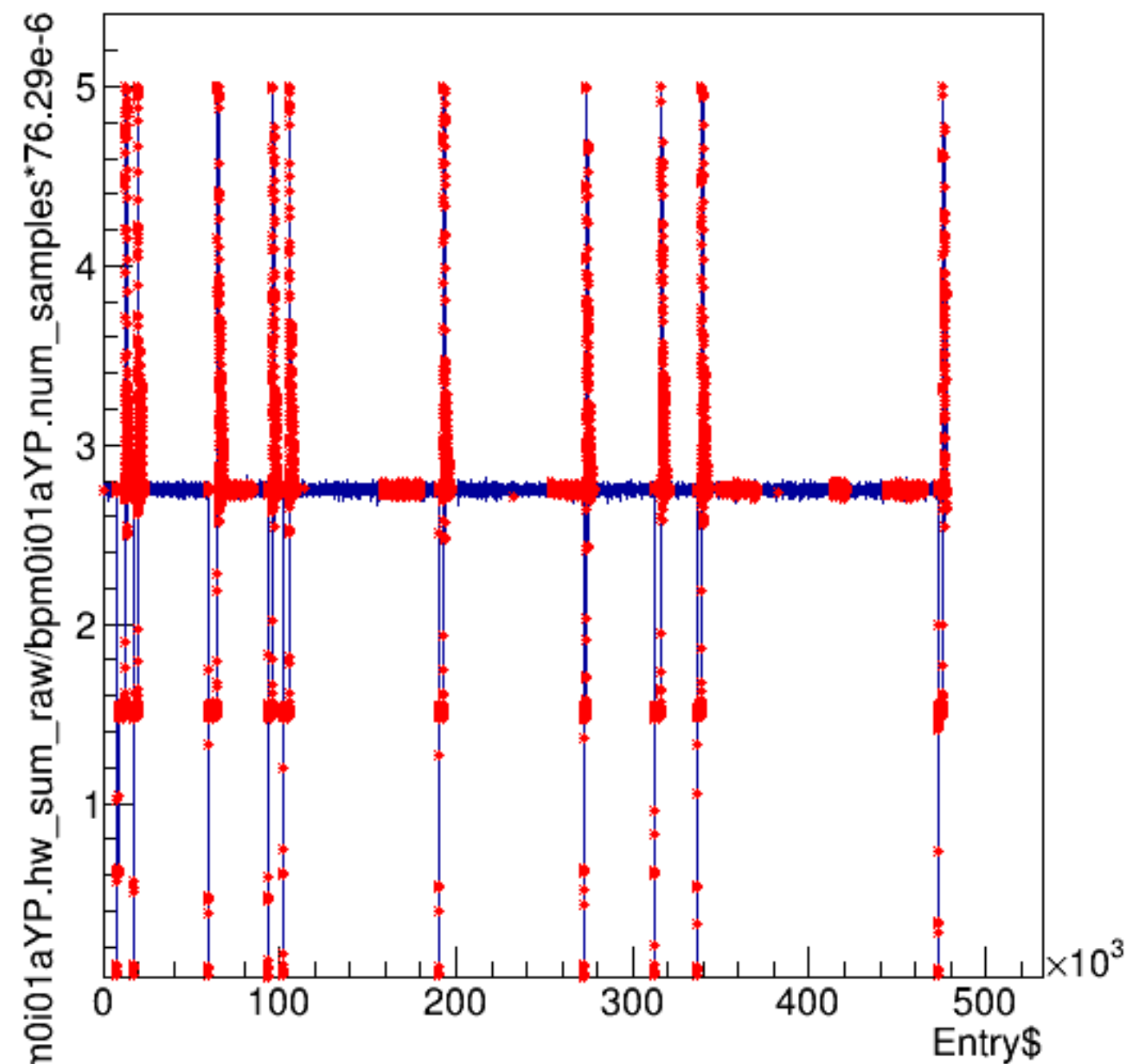
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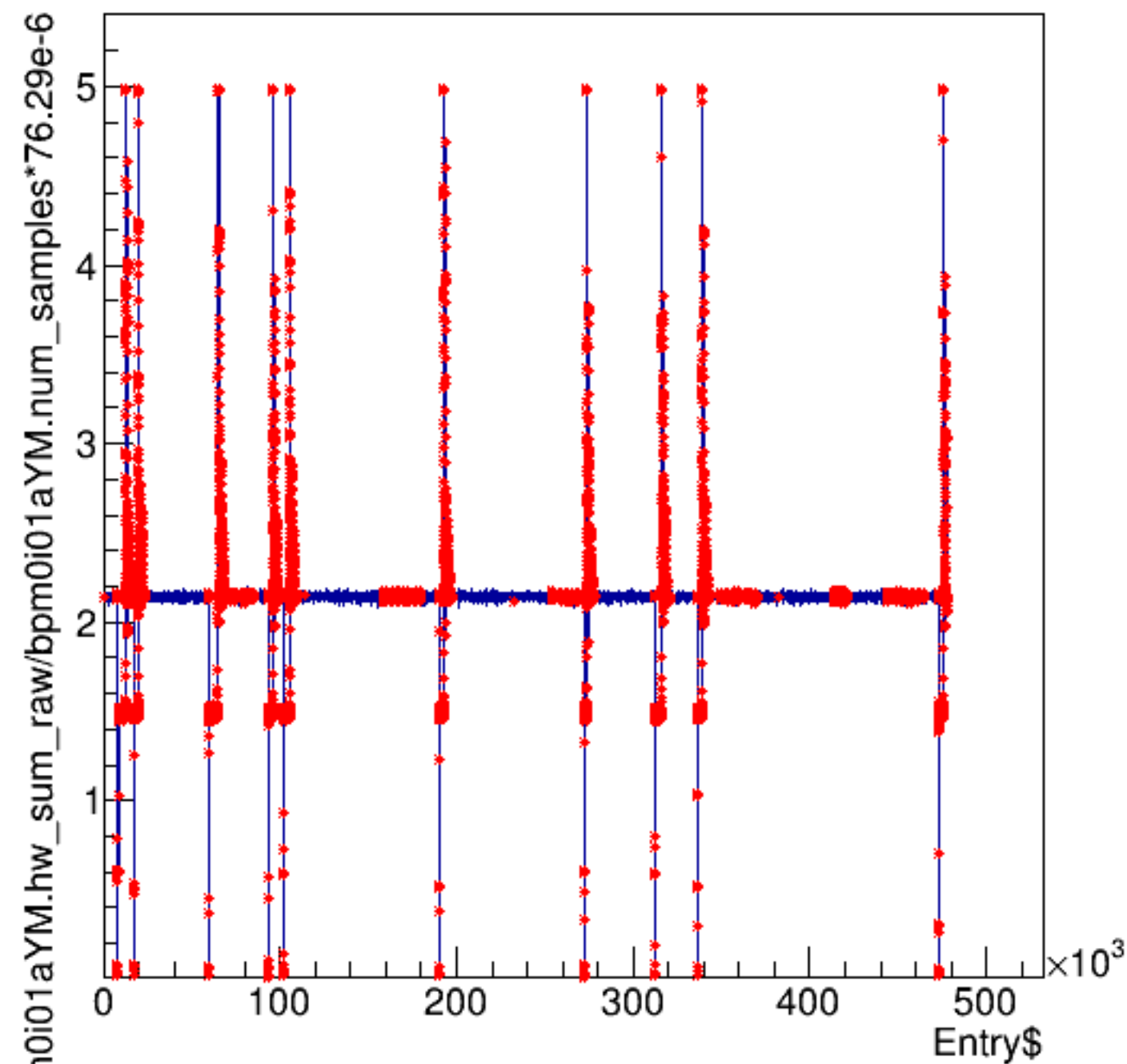
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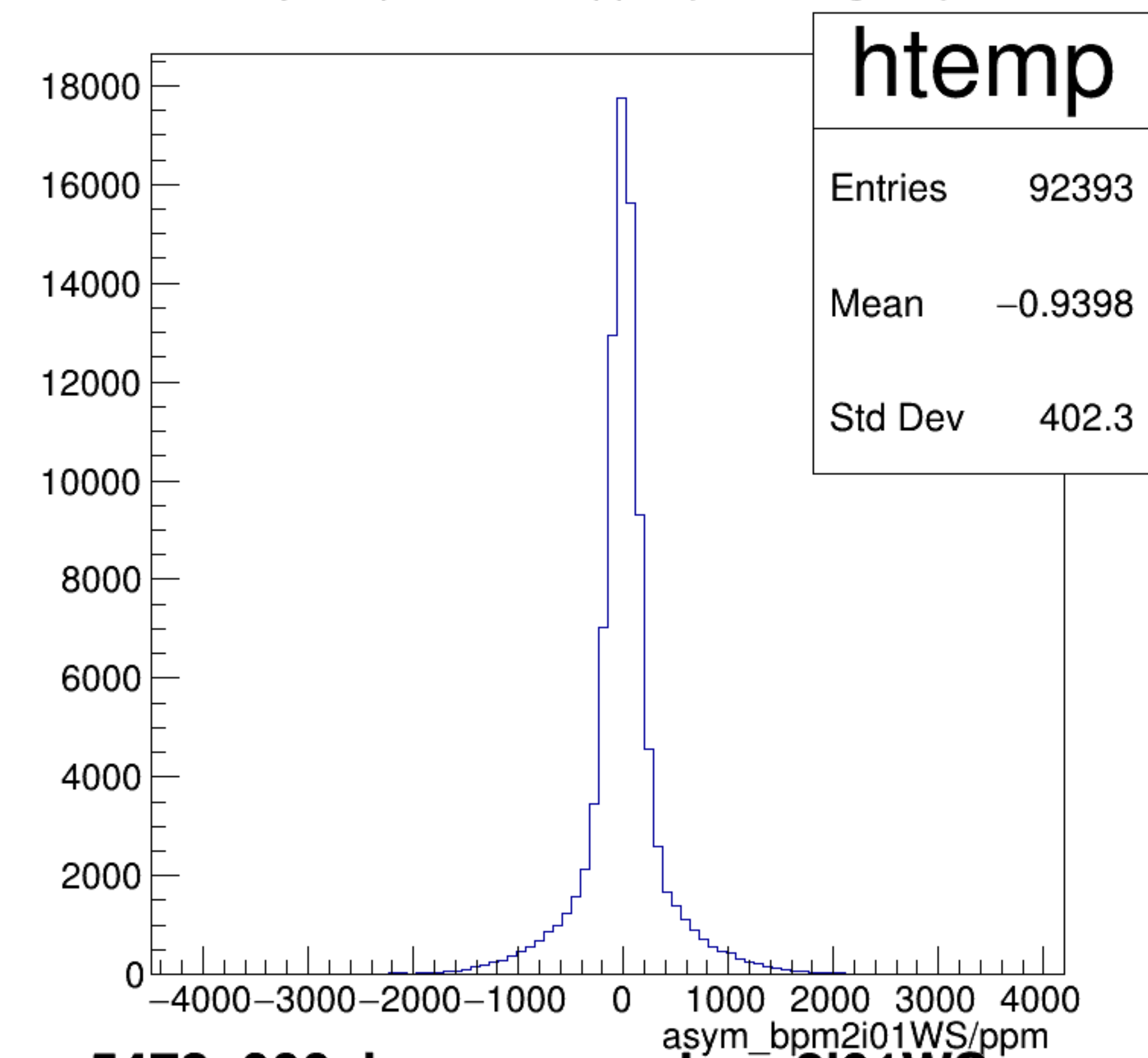
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bpm0i01aYM.hw_sum_raw/bpm0i01aYM.num_samples*76.29e-6:Entry\$

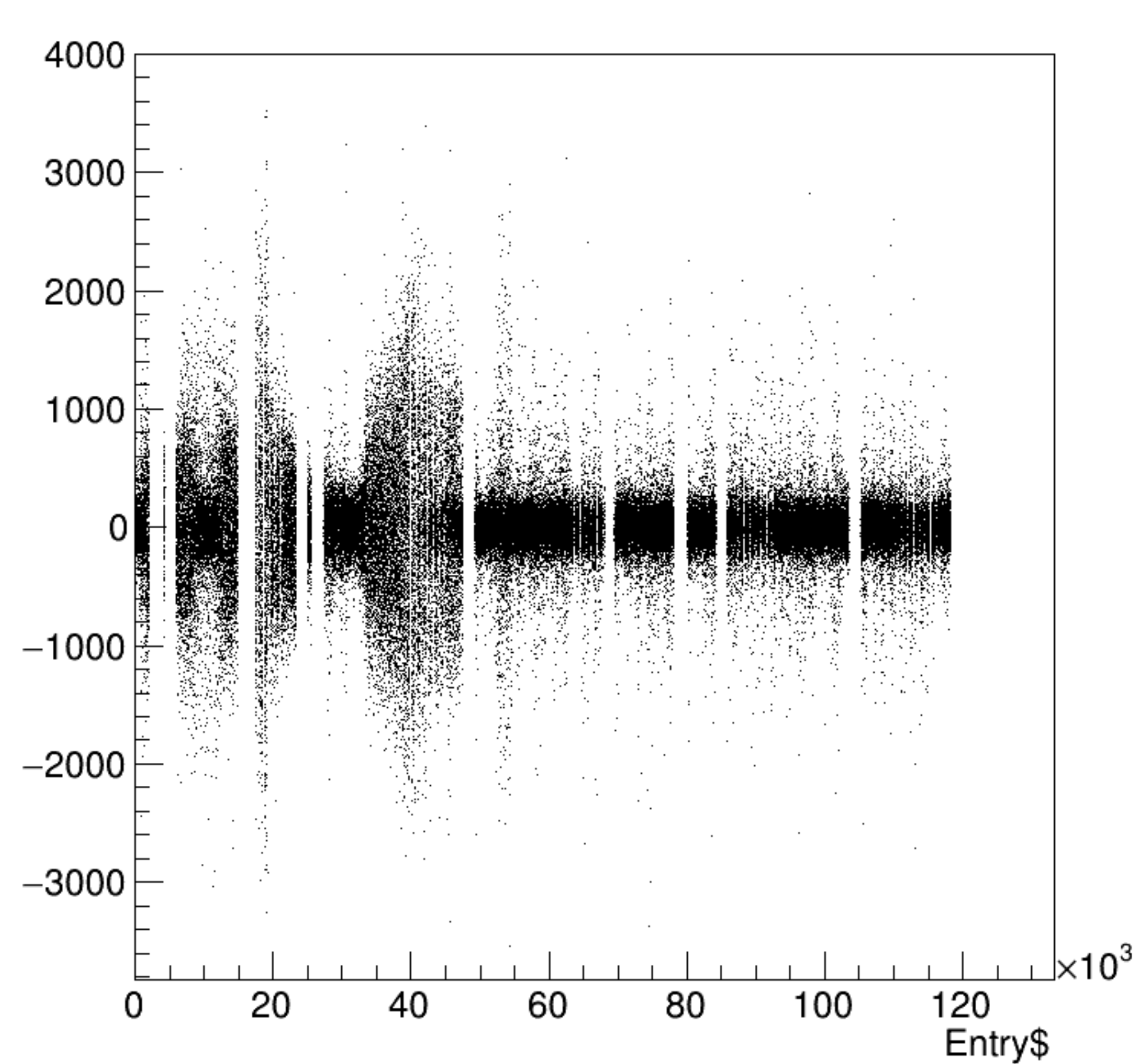


asym_bpm2i01WS/ppm {ErrorFlag==0}

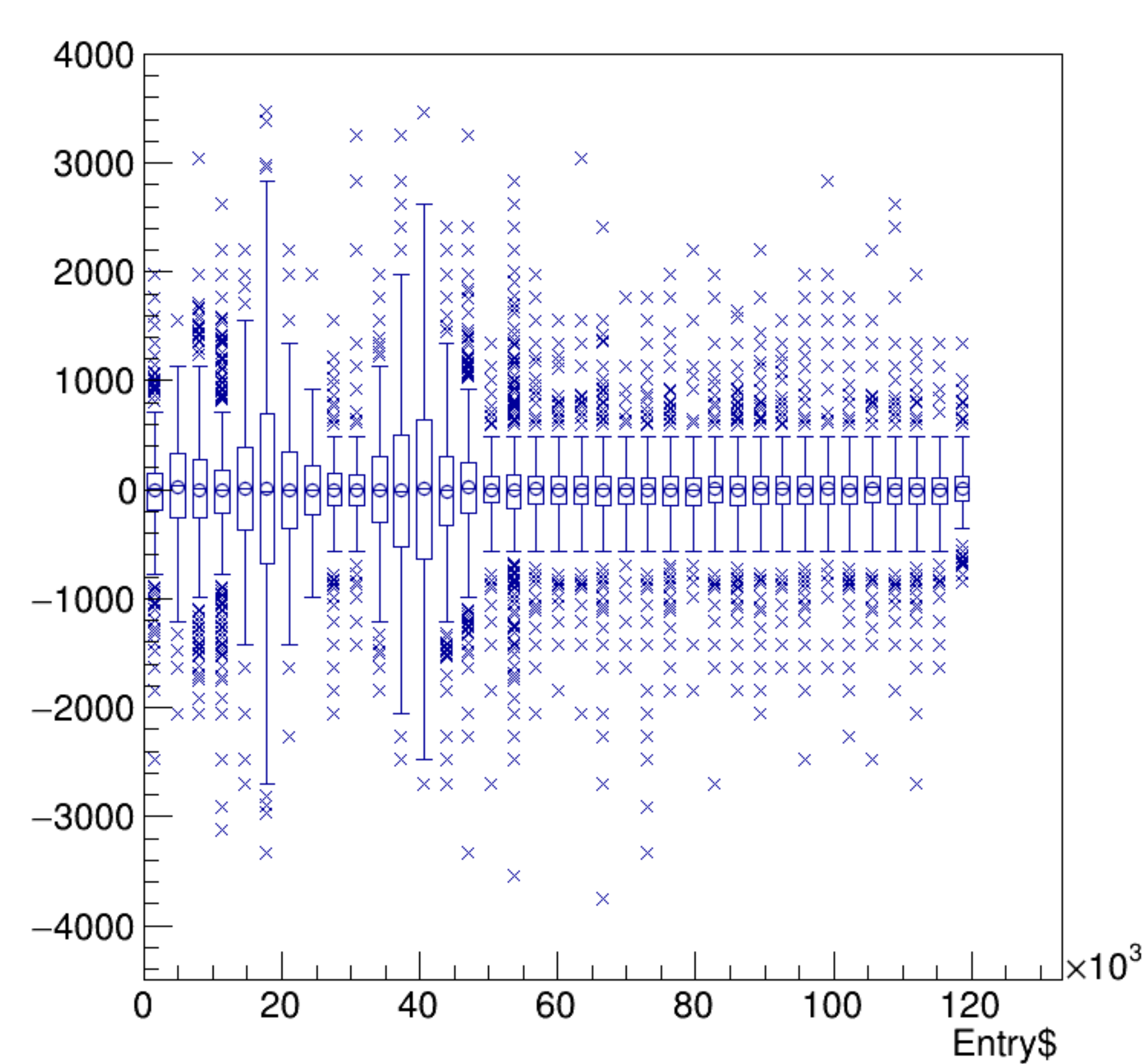


run5472_000_bpm_asym_bpm2i01WS.png

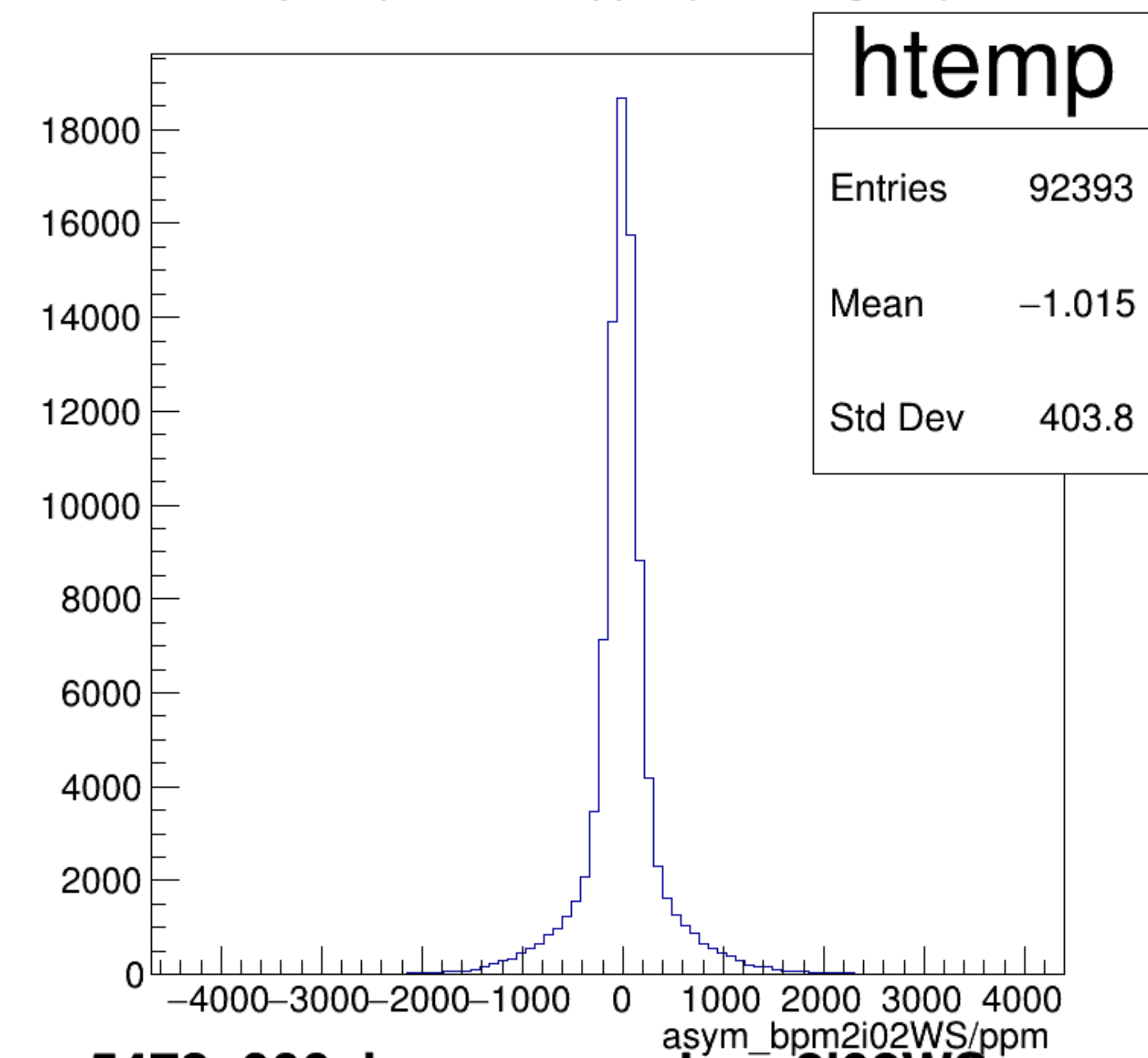
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asym_bpm2i01WS/ppm:Entry\$ {ErrorFlag==0}

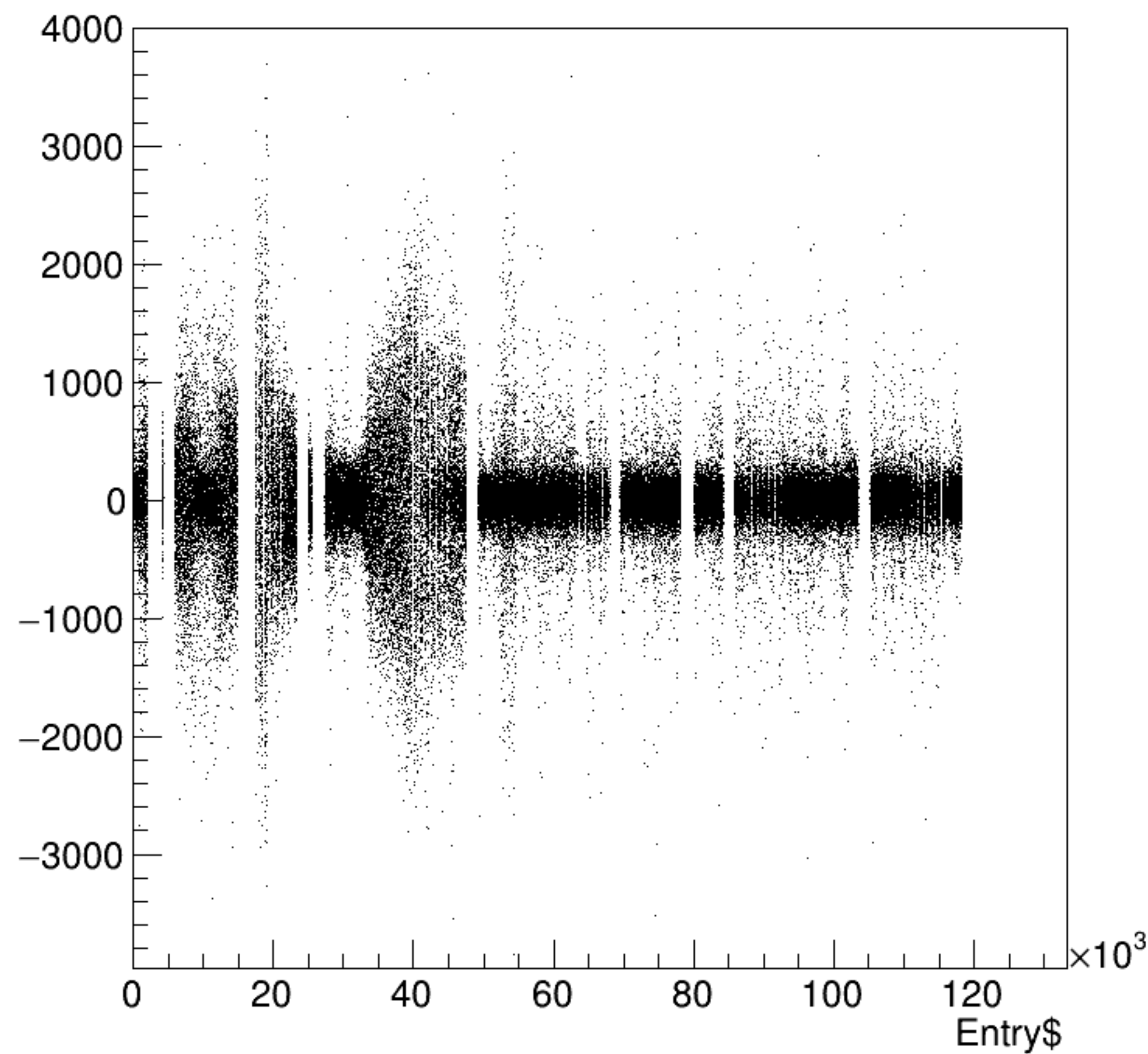


asym_bpm2i02WS/ppm {ErrorFlag==0}

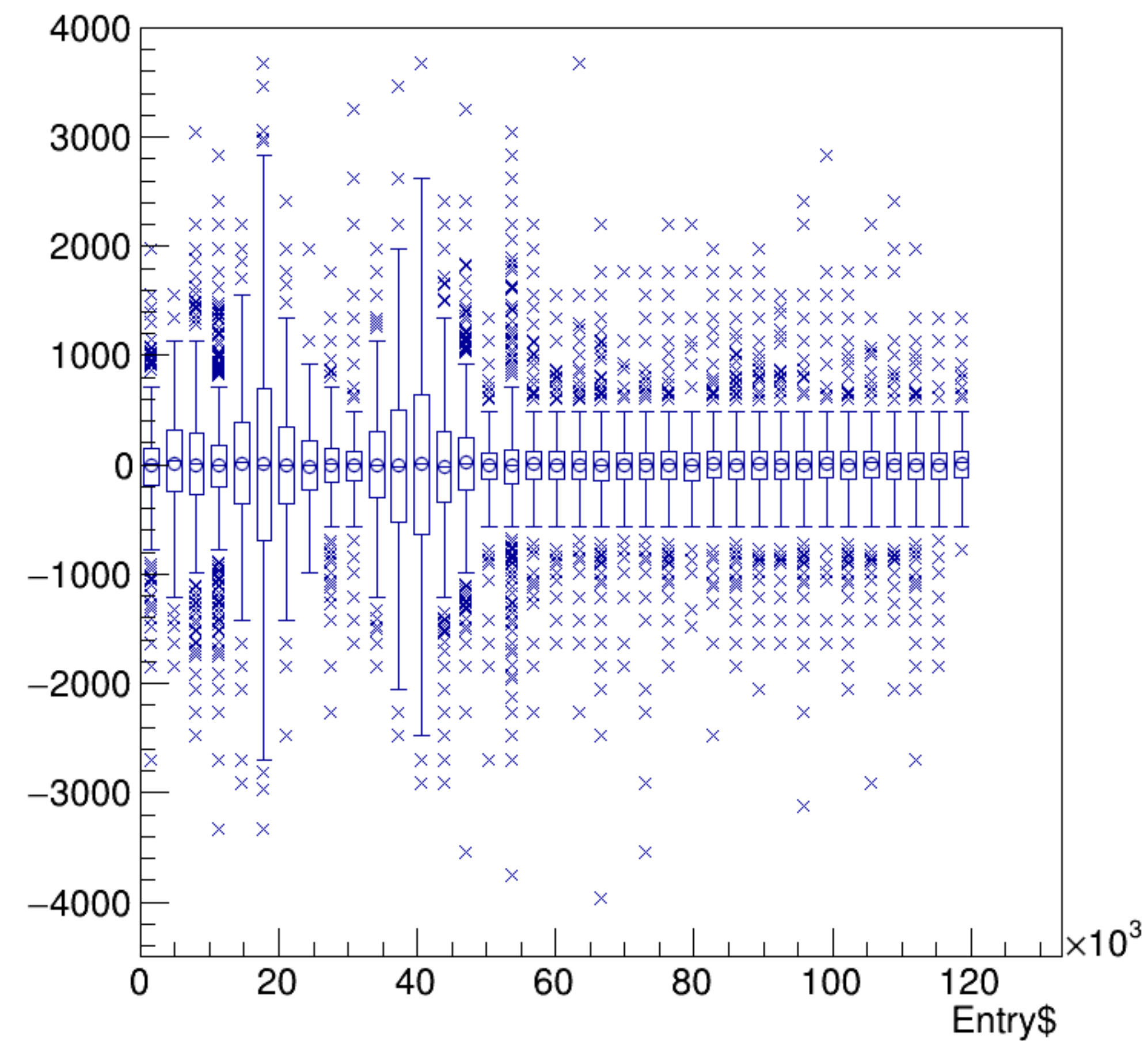


run5472_000_bpm_asym_bpm2i02WS.png

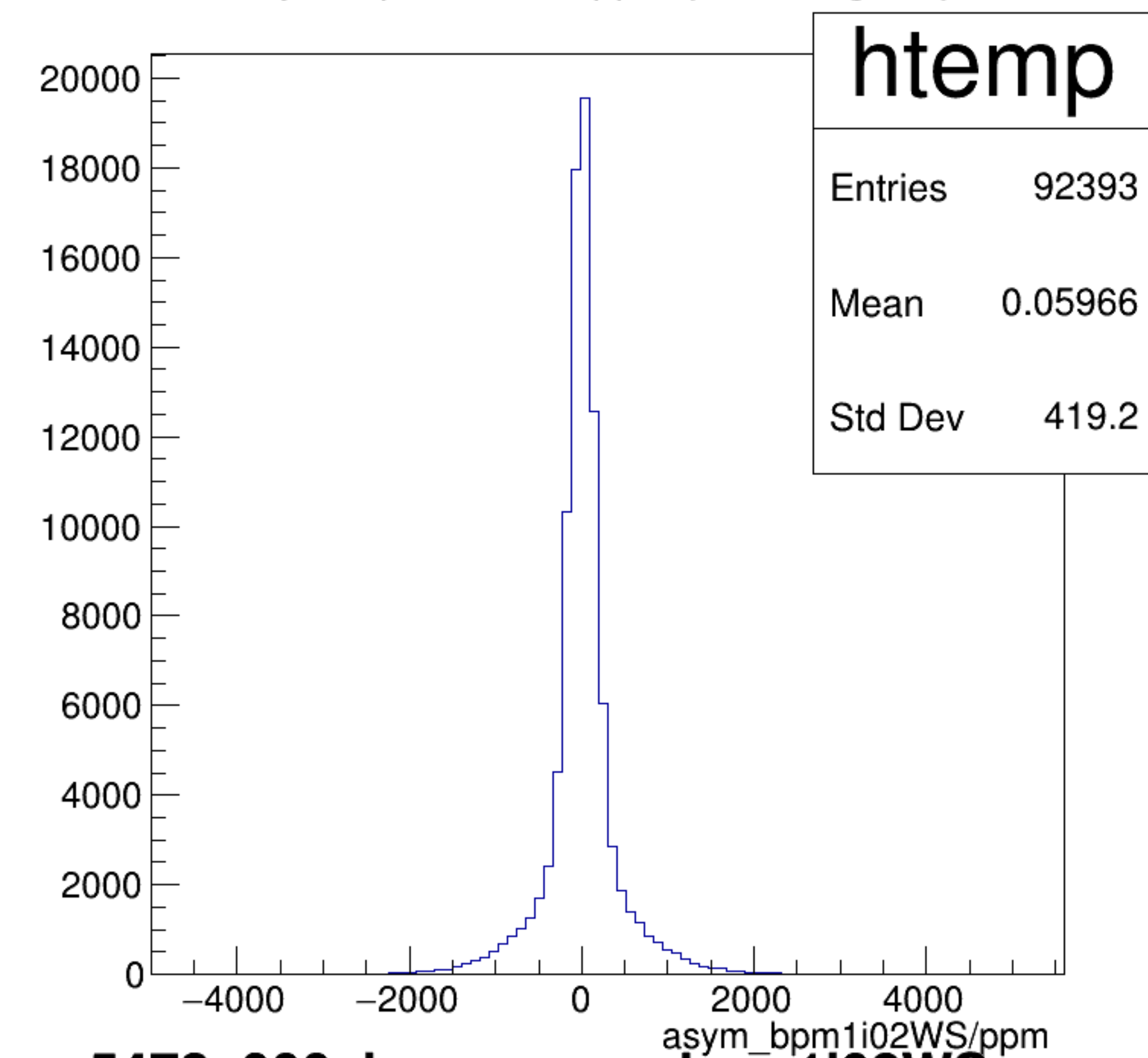
asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}



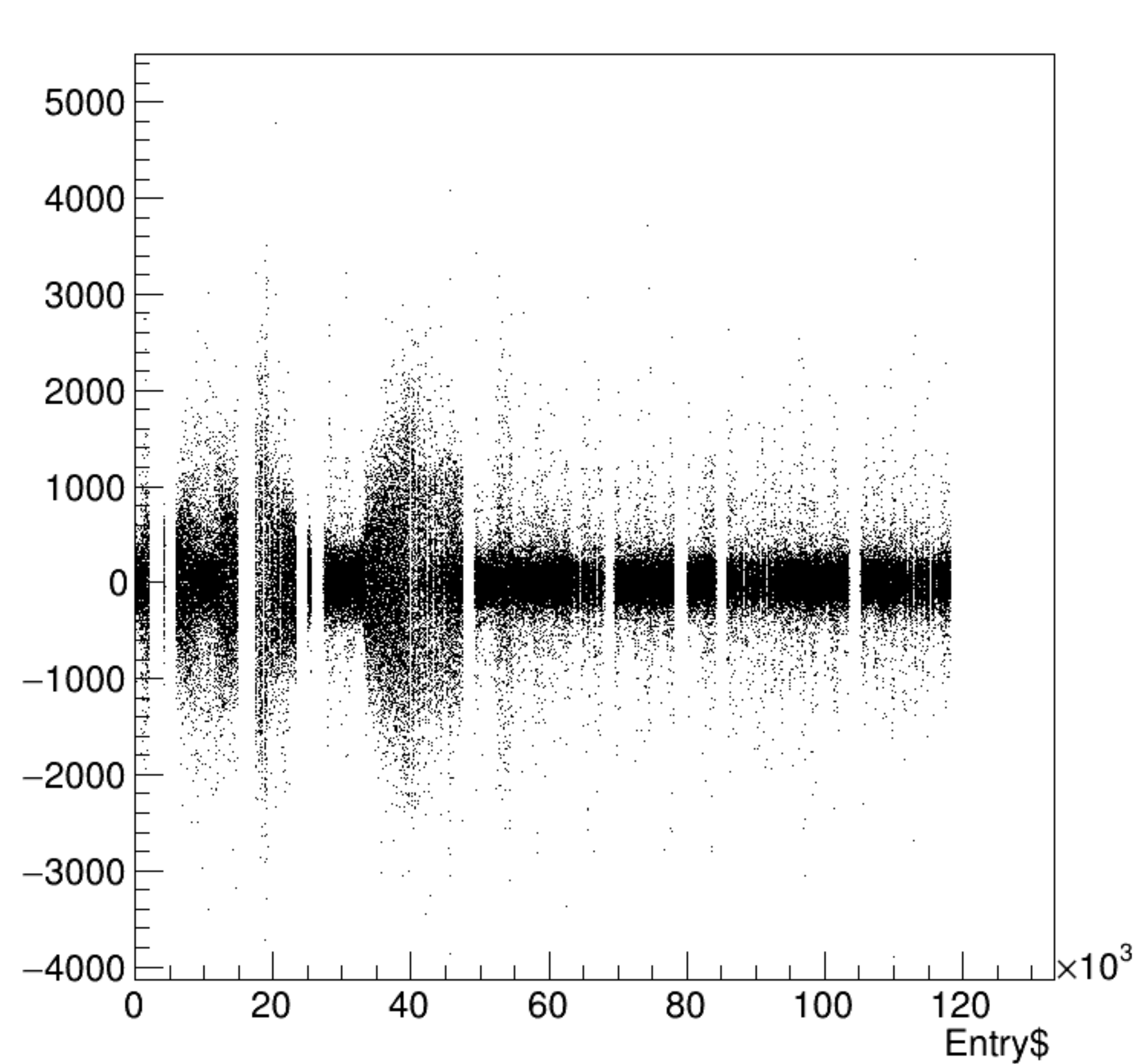
asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}



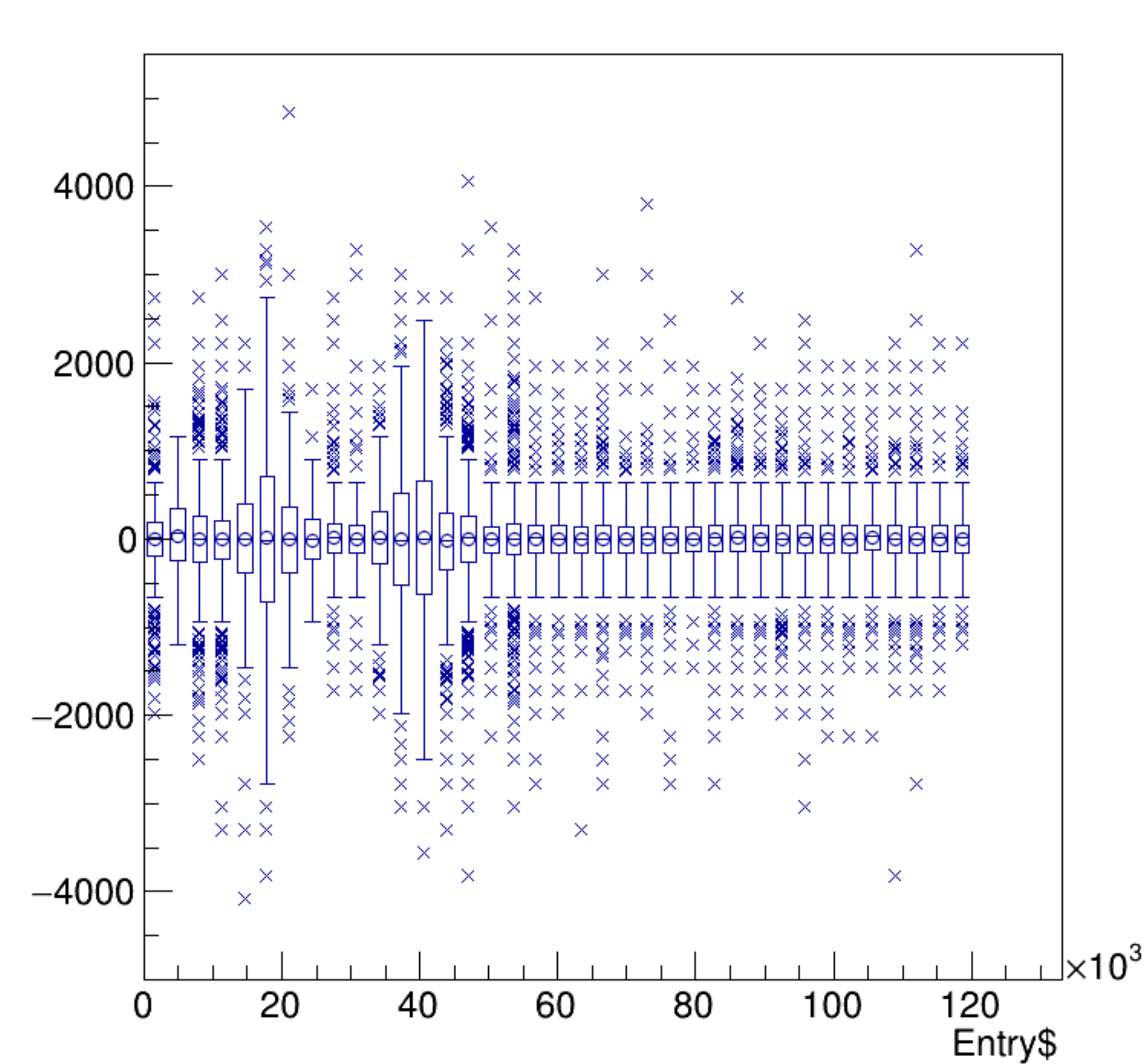
asym_bpm1i02WS/ppm {ErrorFlag==0}



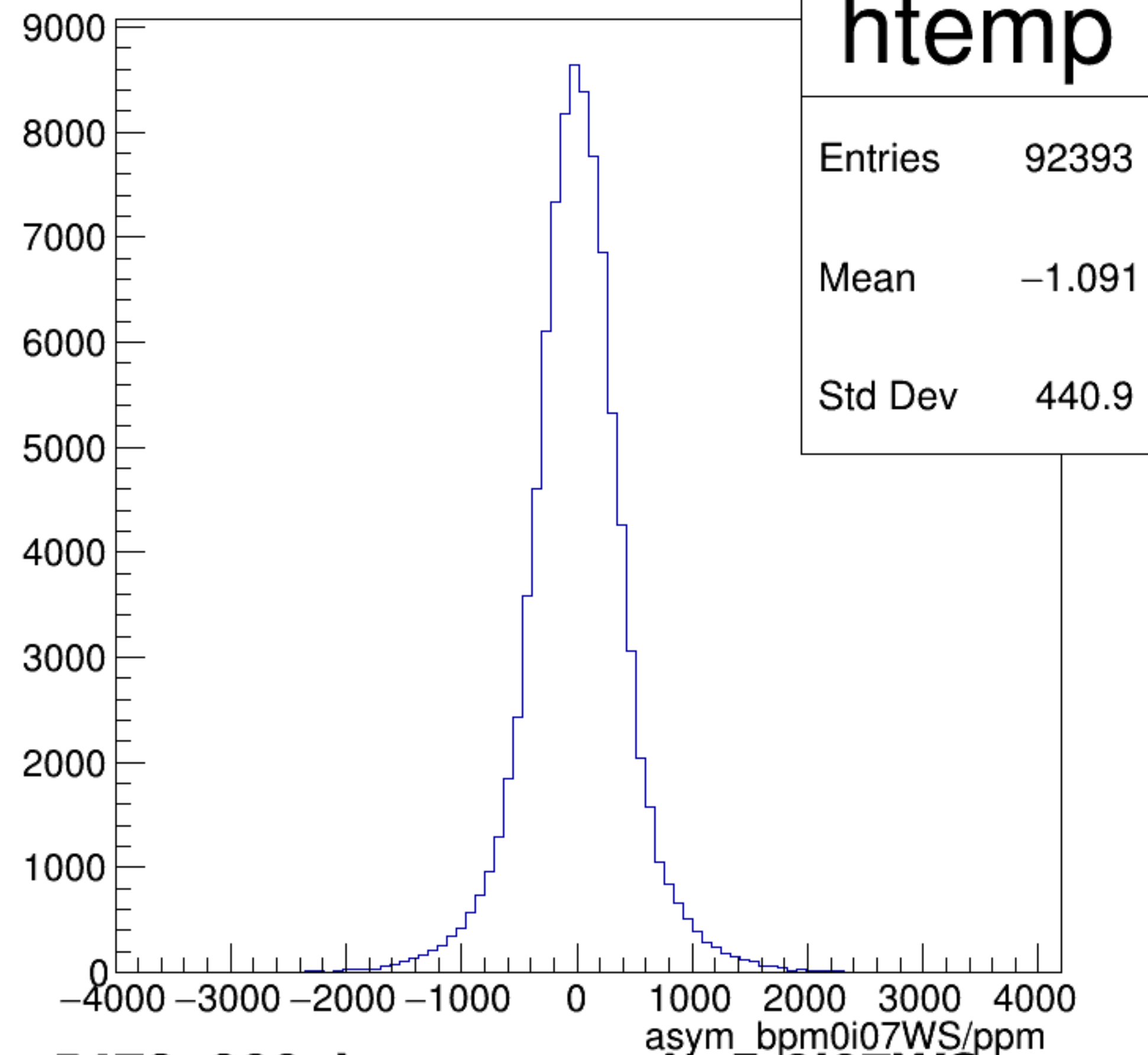
asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}



asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}

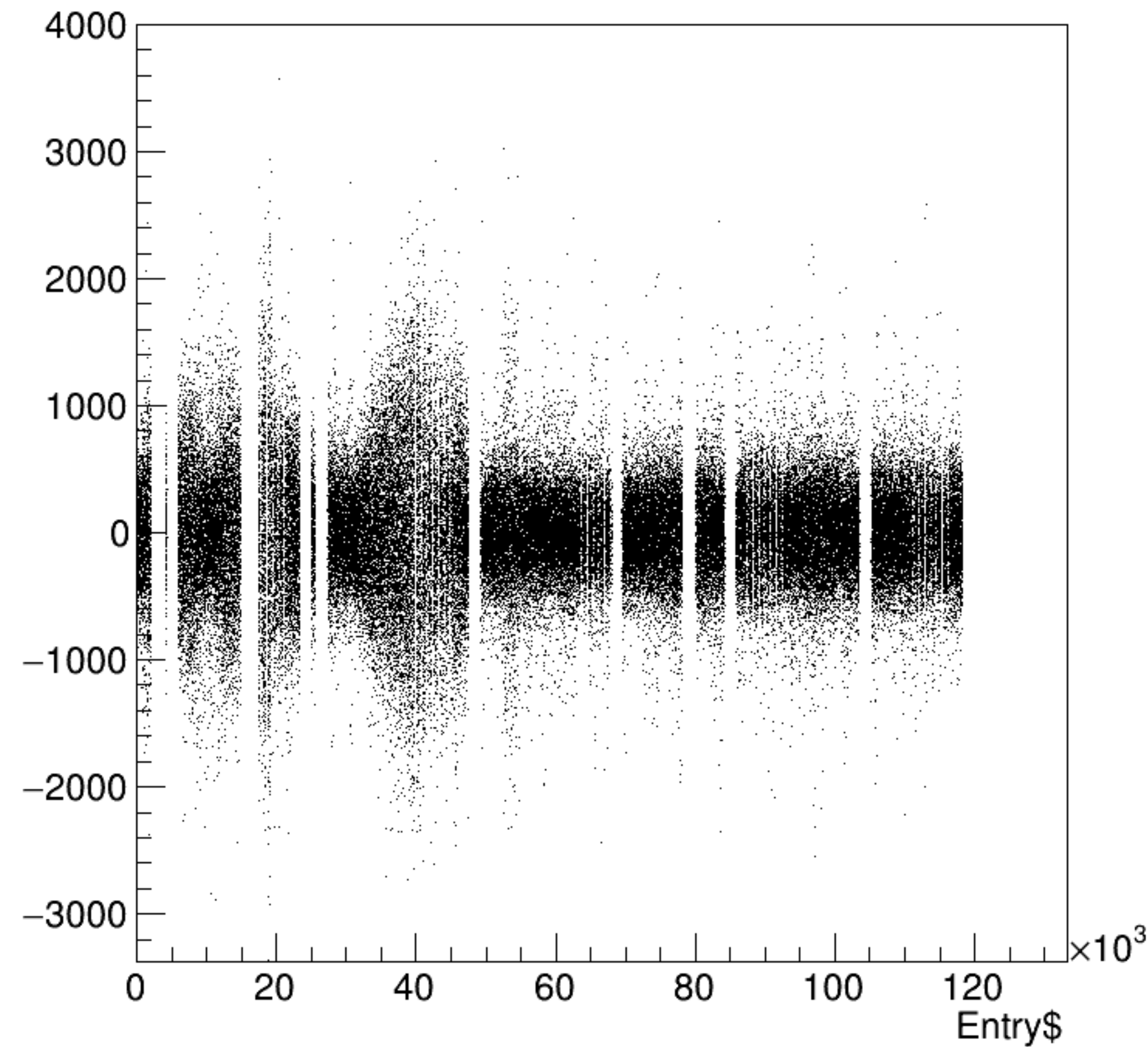


asym_bpm0i07WS/ppm {ErrorFlag==0}

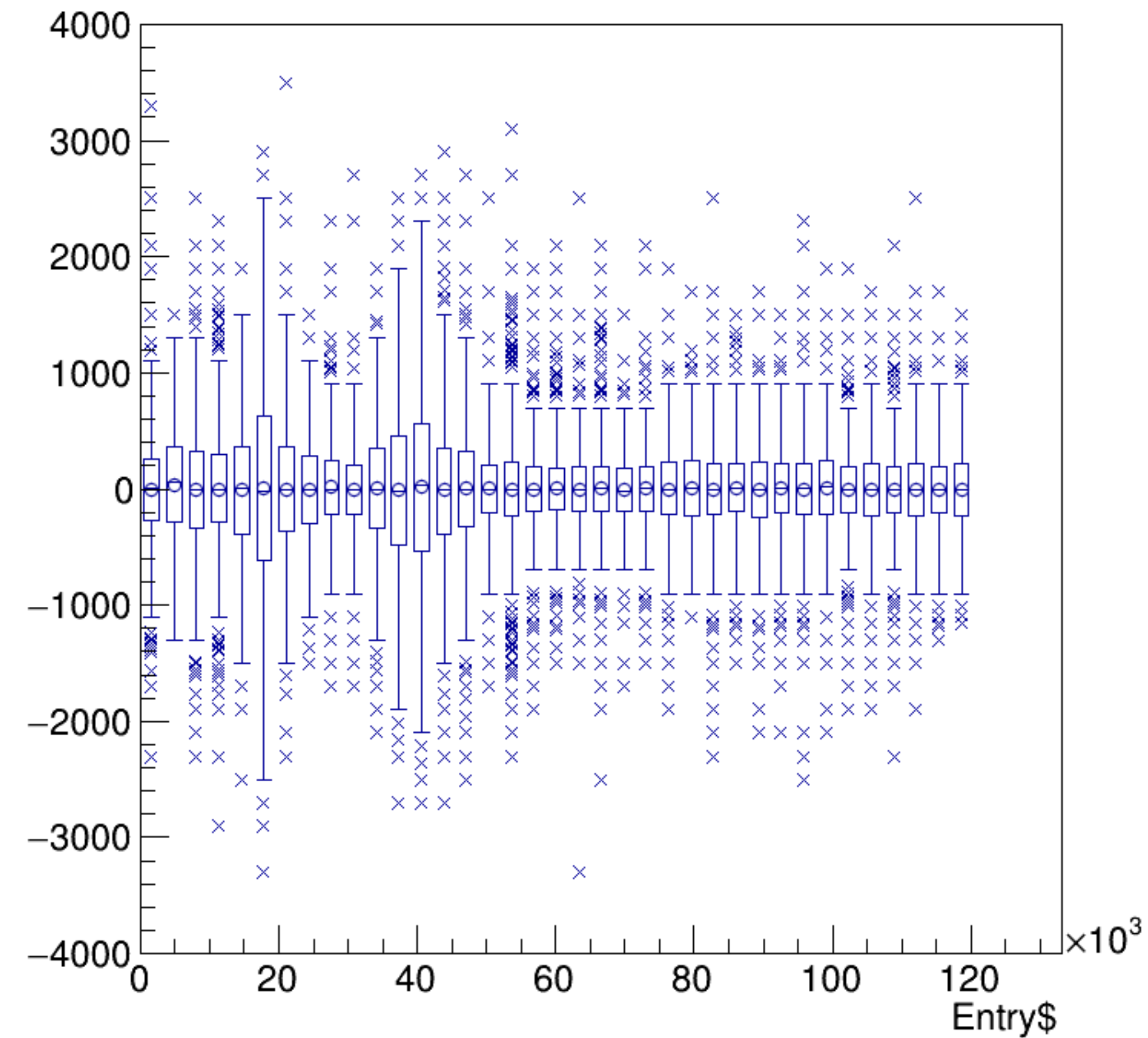


run5472_000_bpm_asym_bpm0i07WS.png

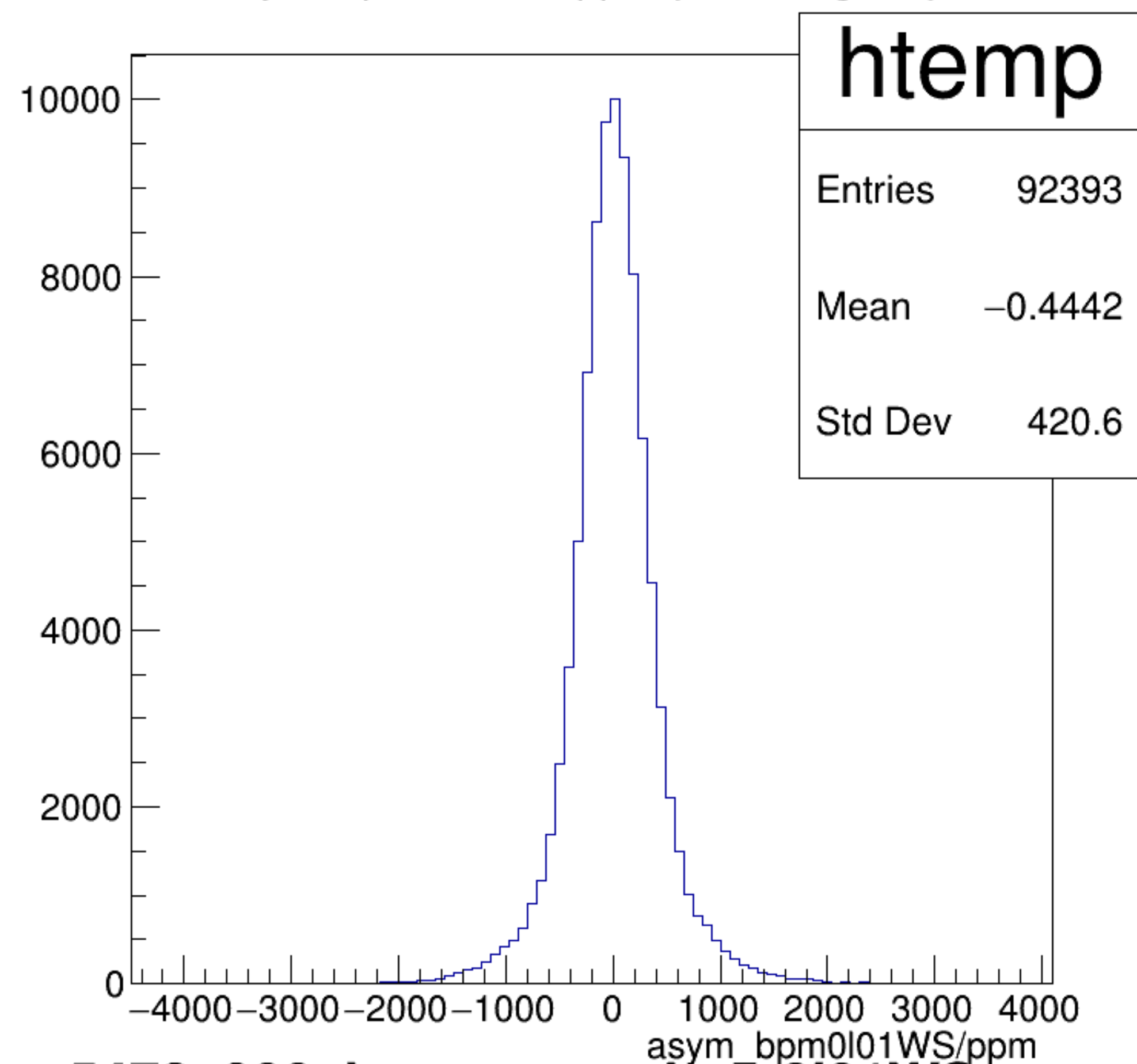
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}

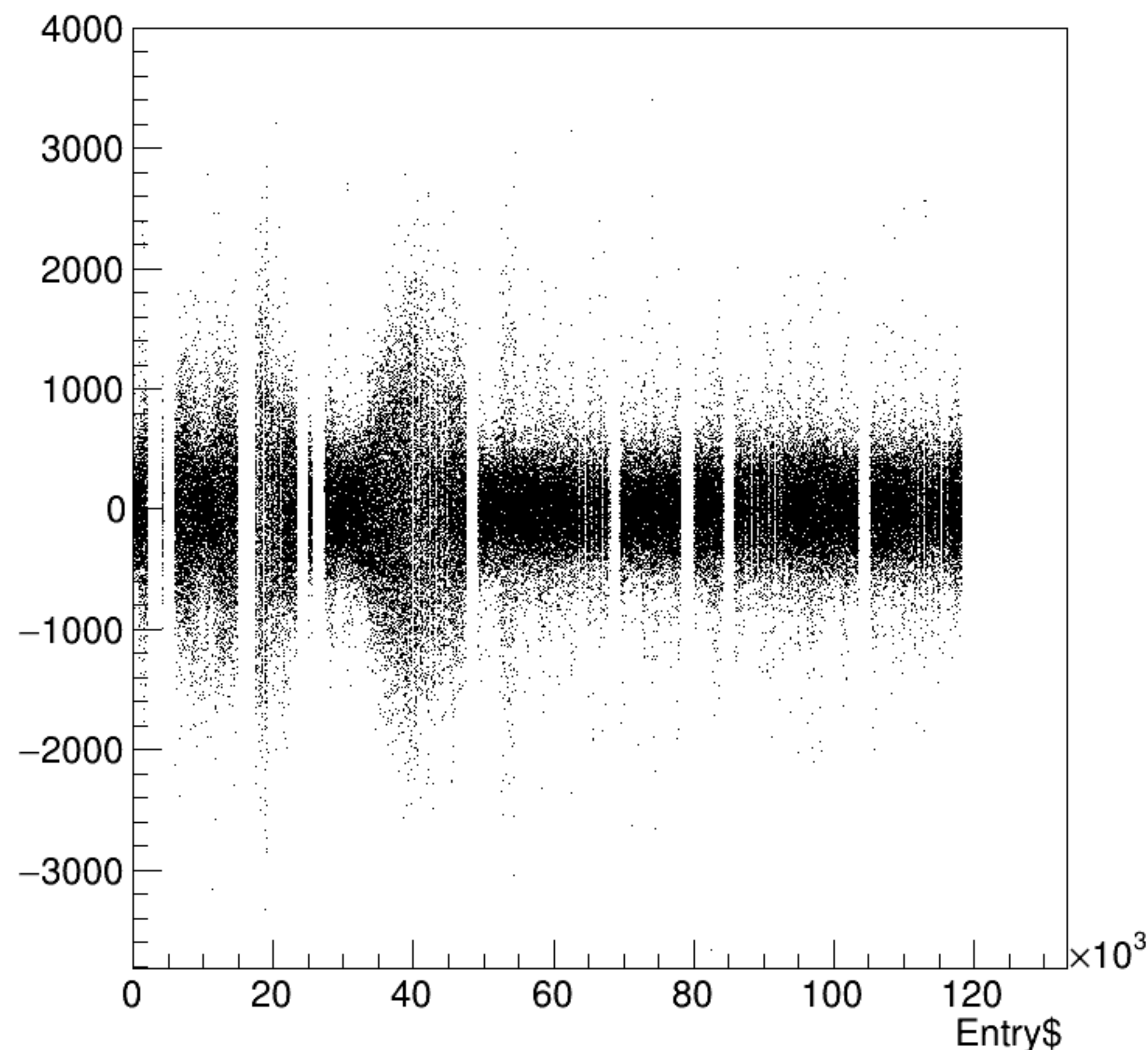


asym_bpm0l01WS/ppm {ErrorFlag==0}

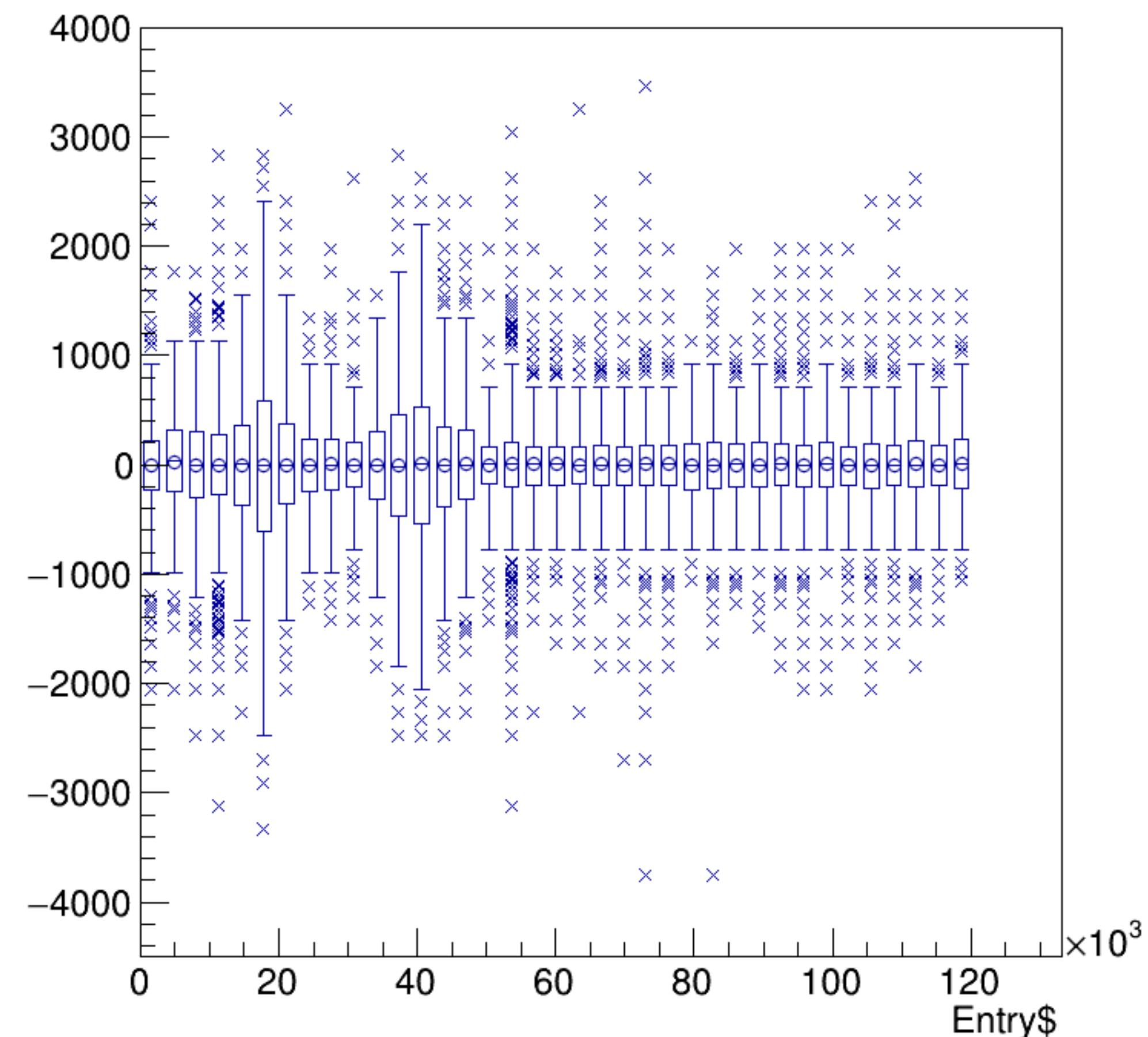


run5472_000_bpm_asym_bpm0l01WS.png

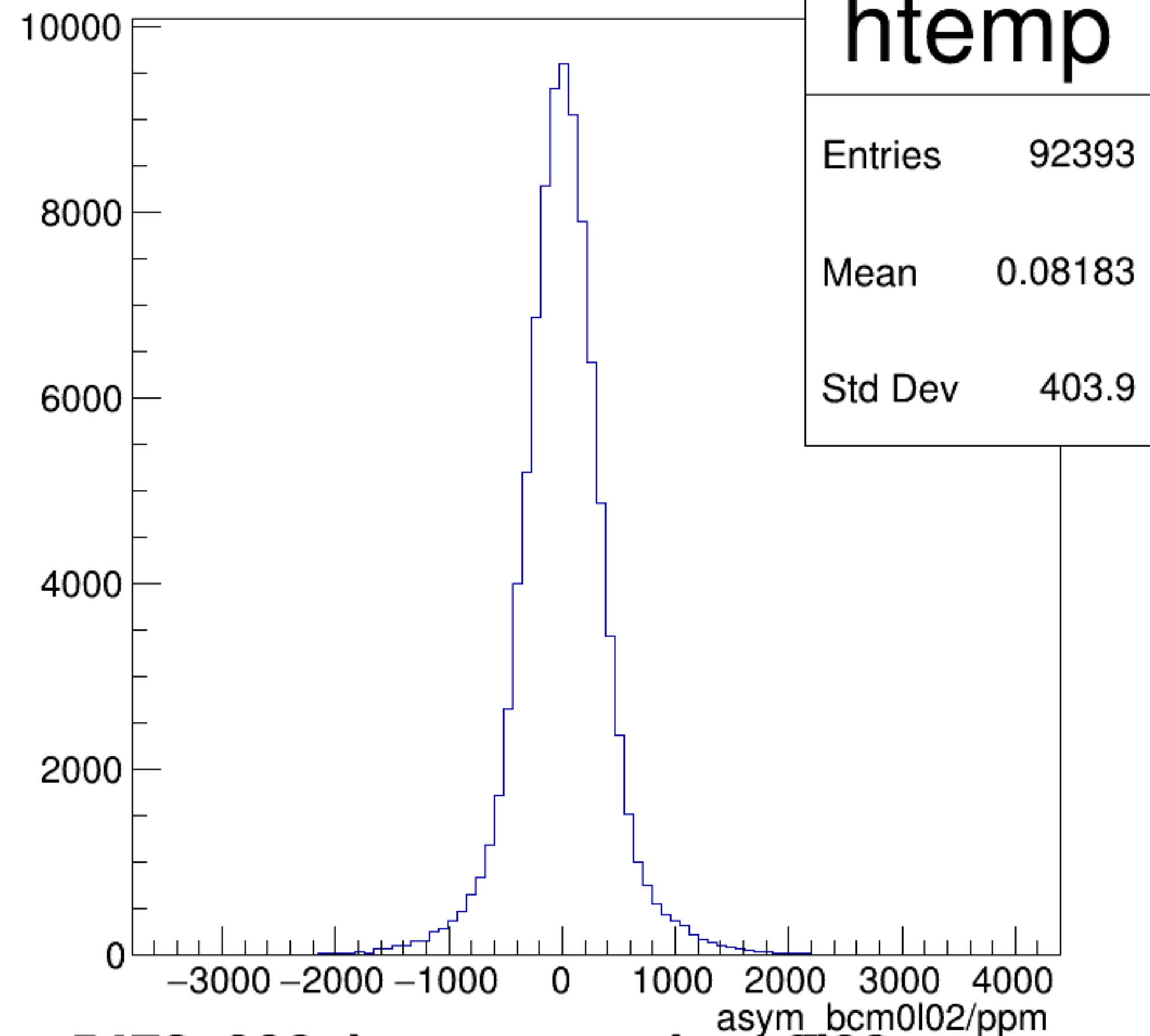
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



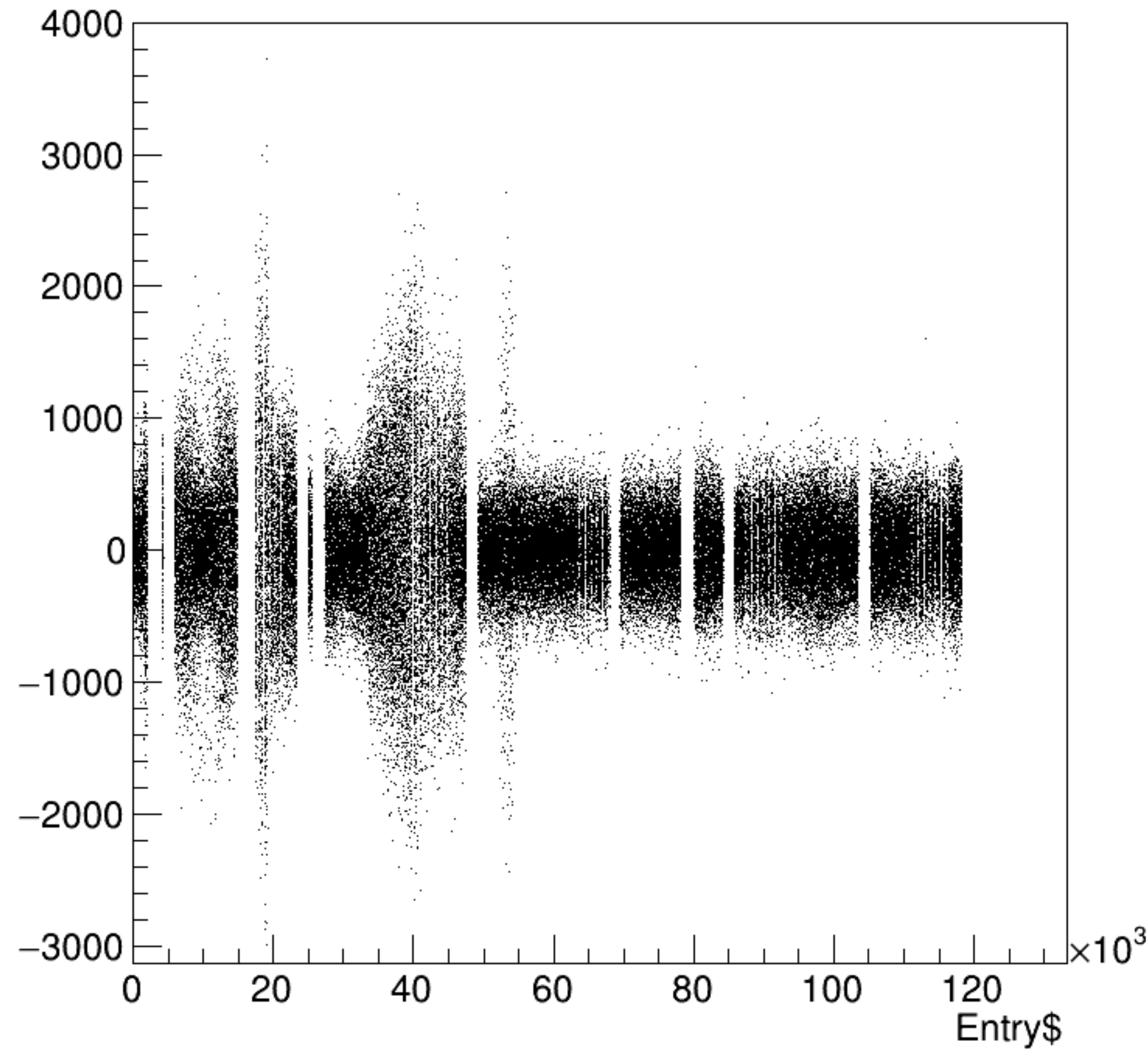
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



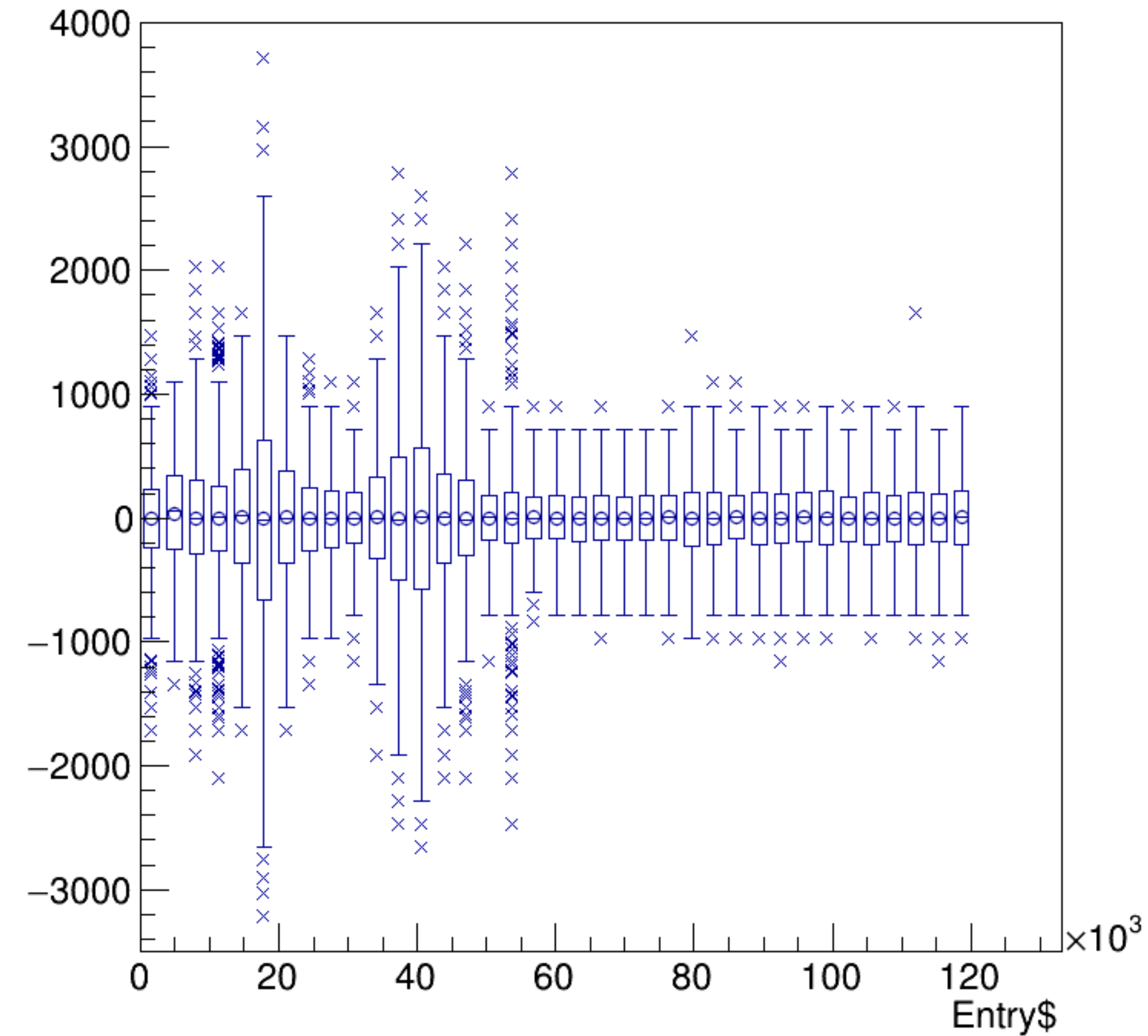
asym_bcm0l02/ppm {ErrorFlag==0}



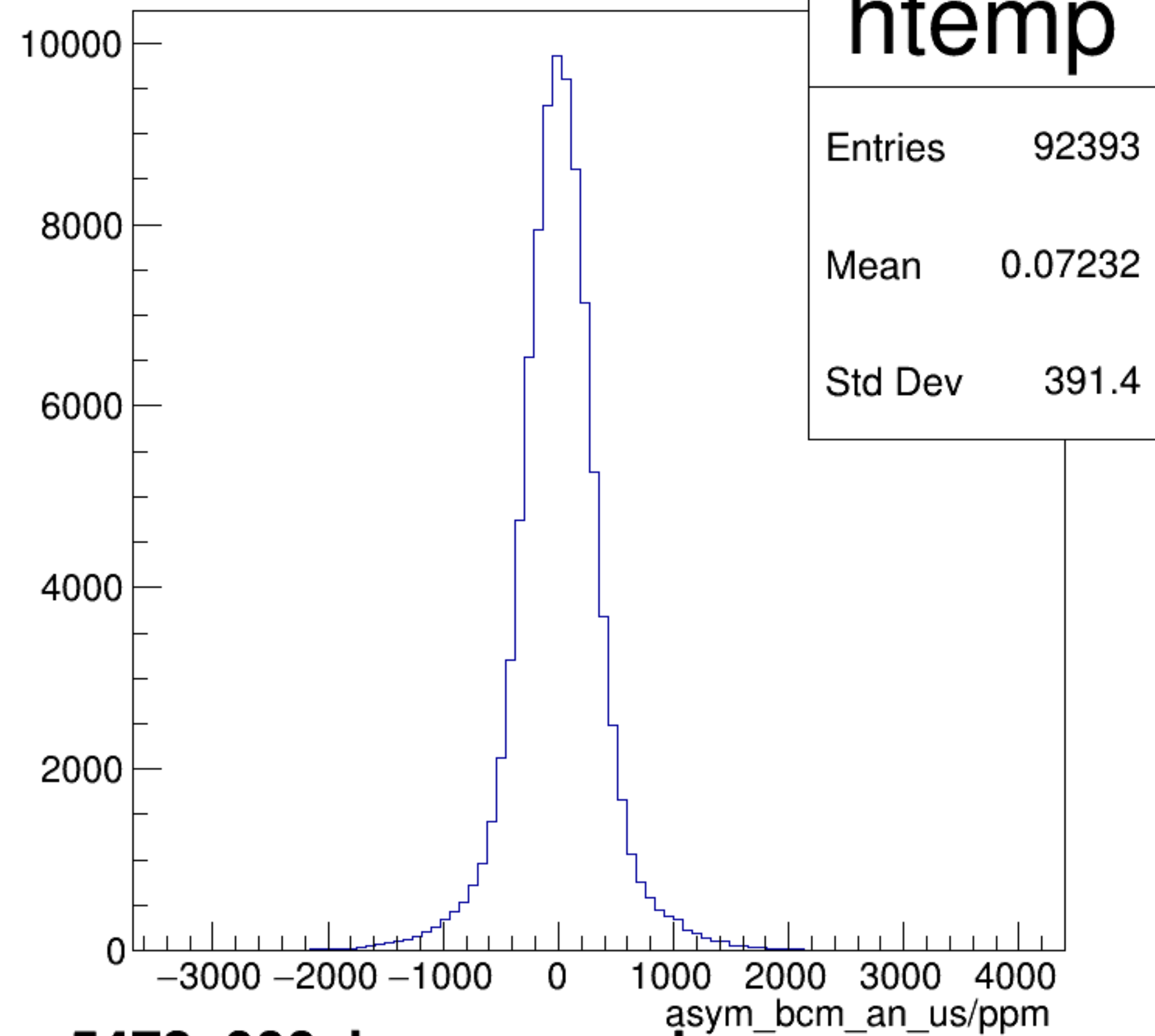
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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

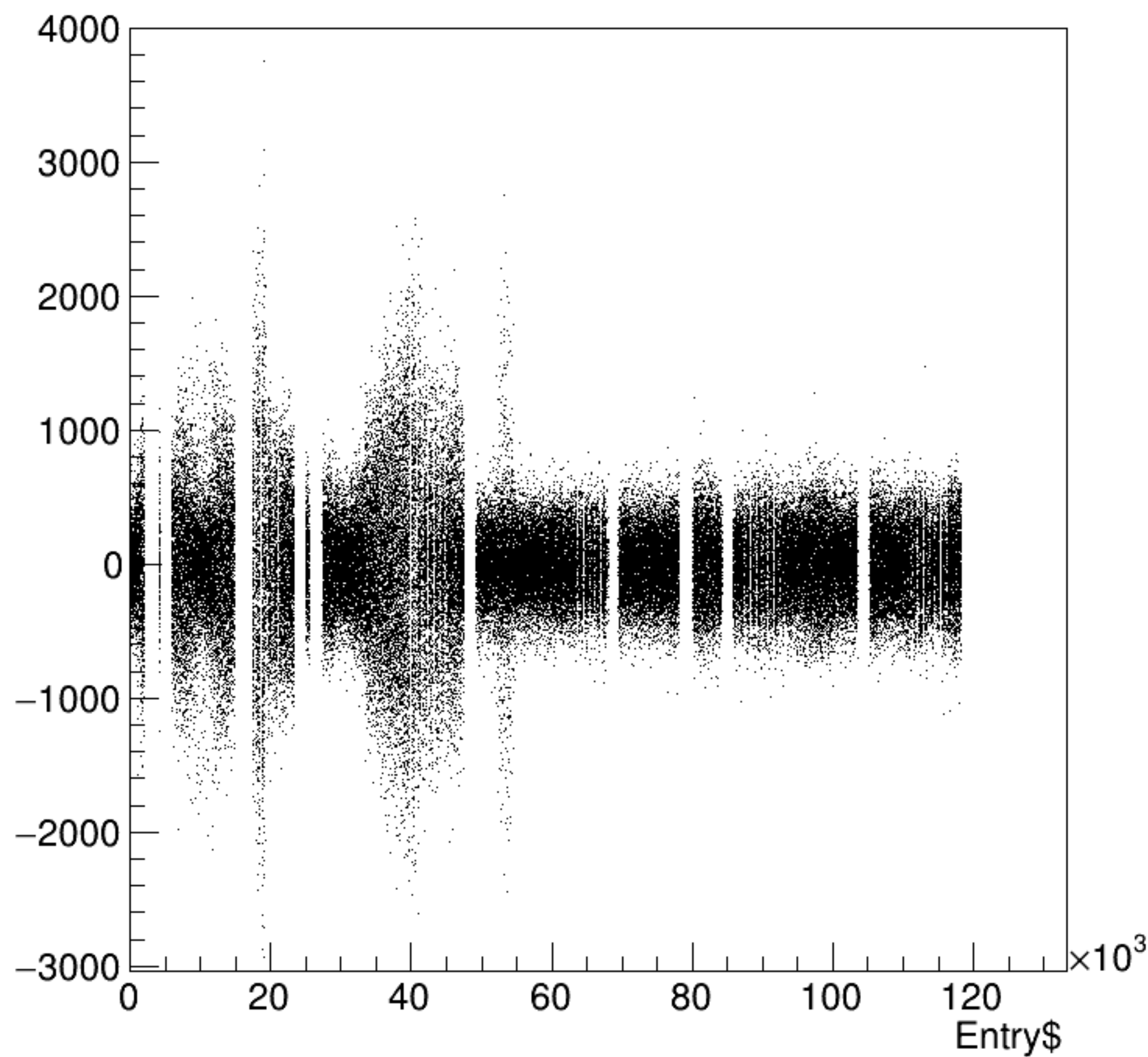


asym_bcm_an_us/ppm {ErrorFlag==0}

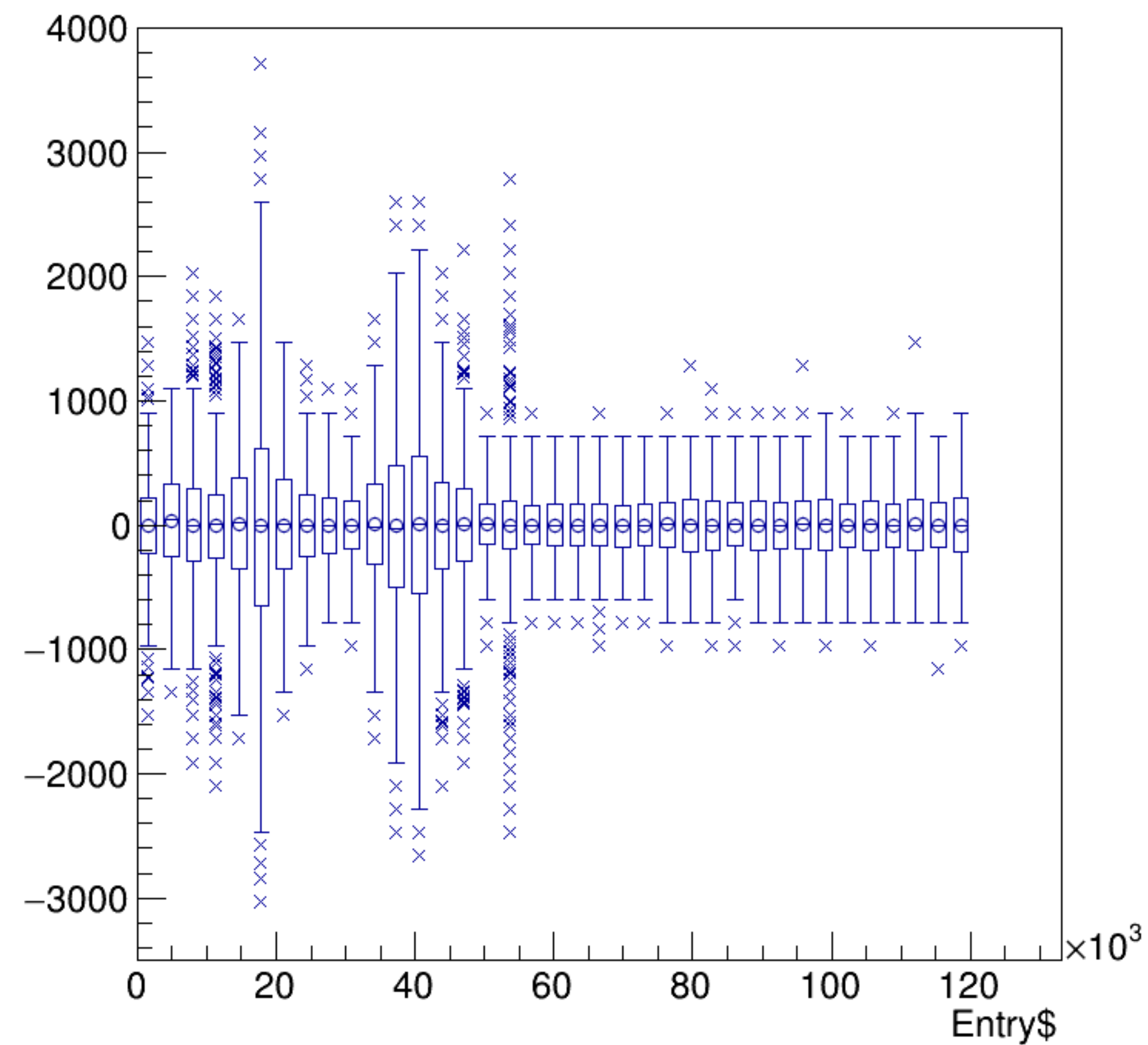


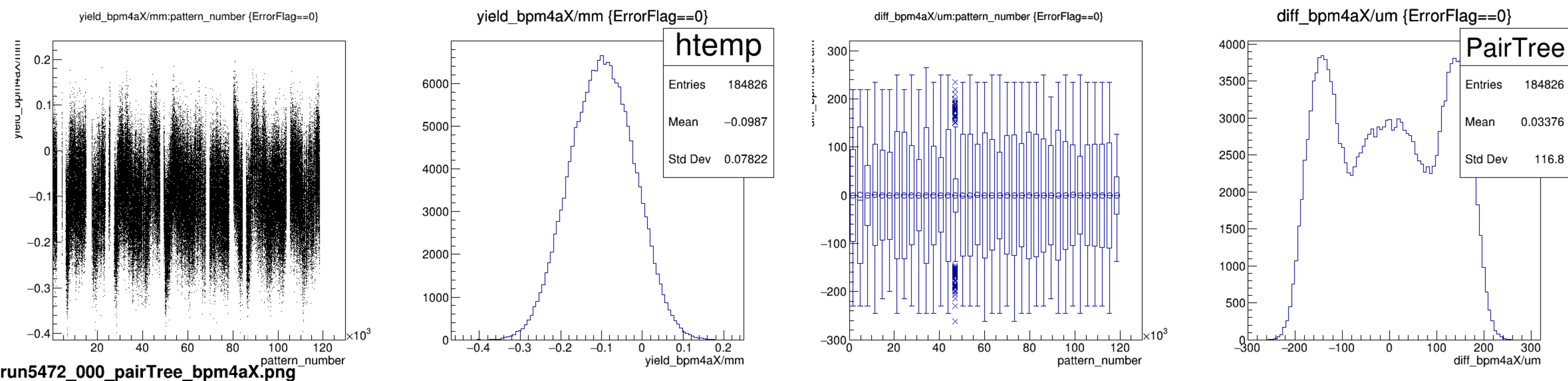
run5472_000_bpm_asym_bcm_an_us.png

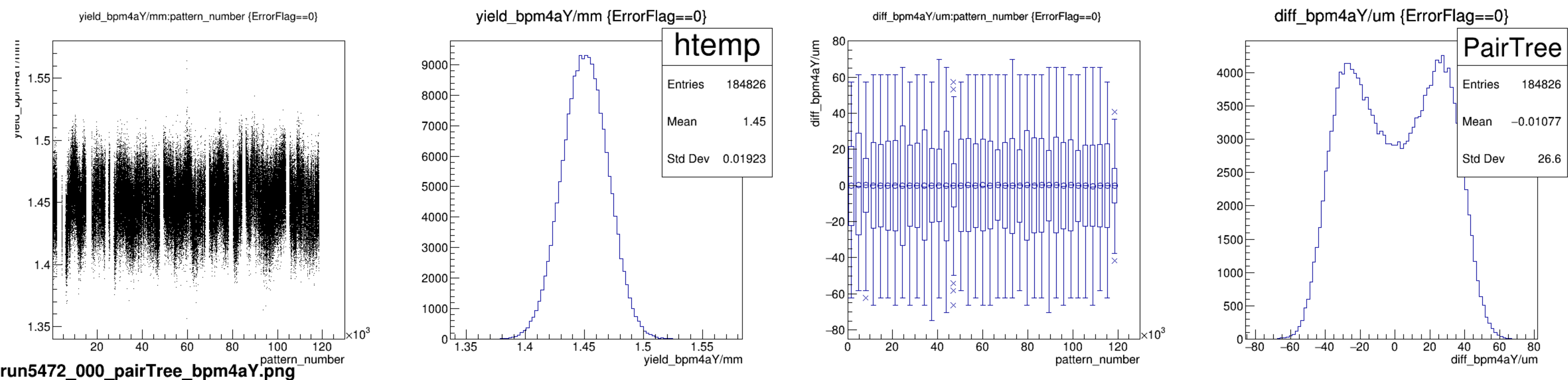
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



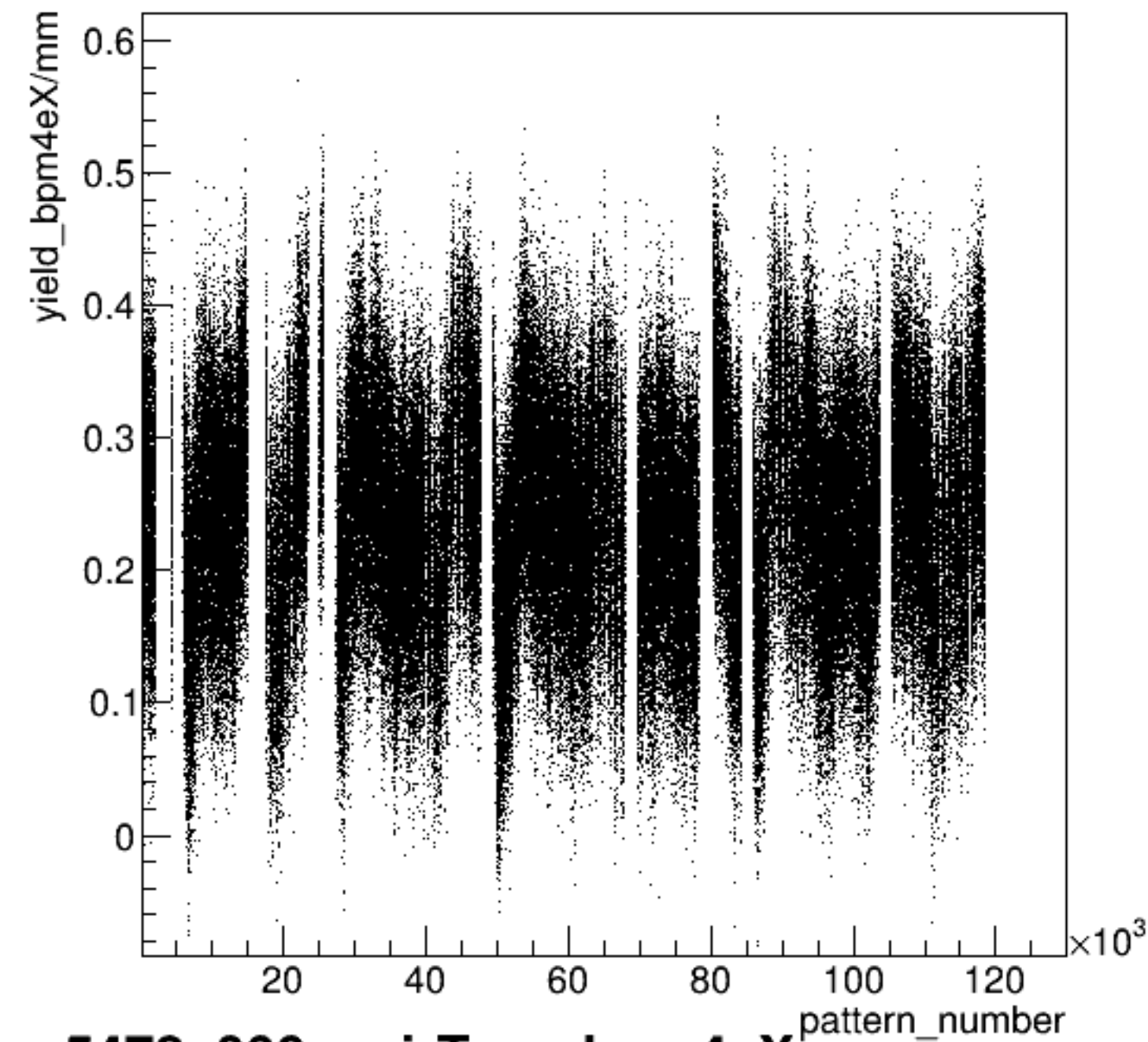
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}





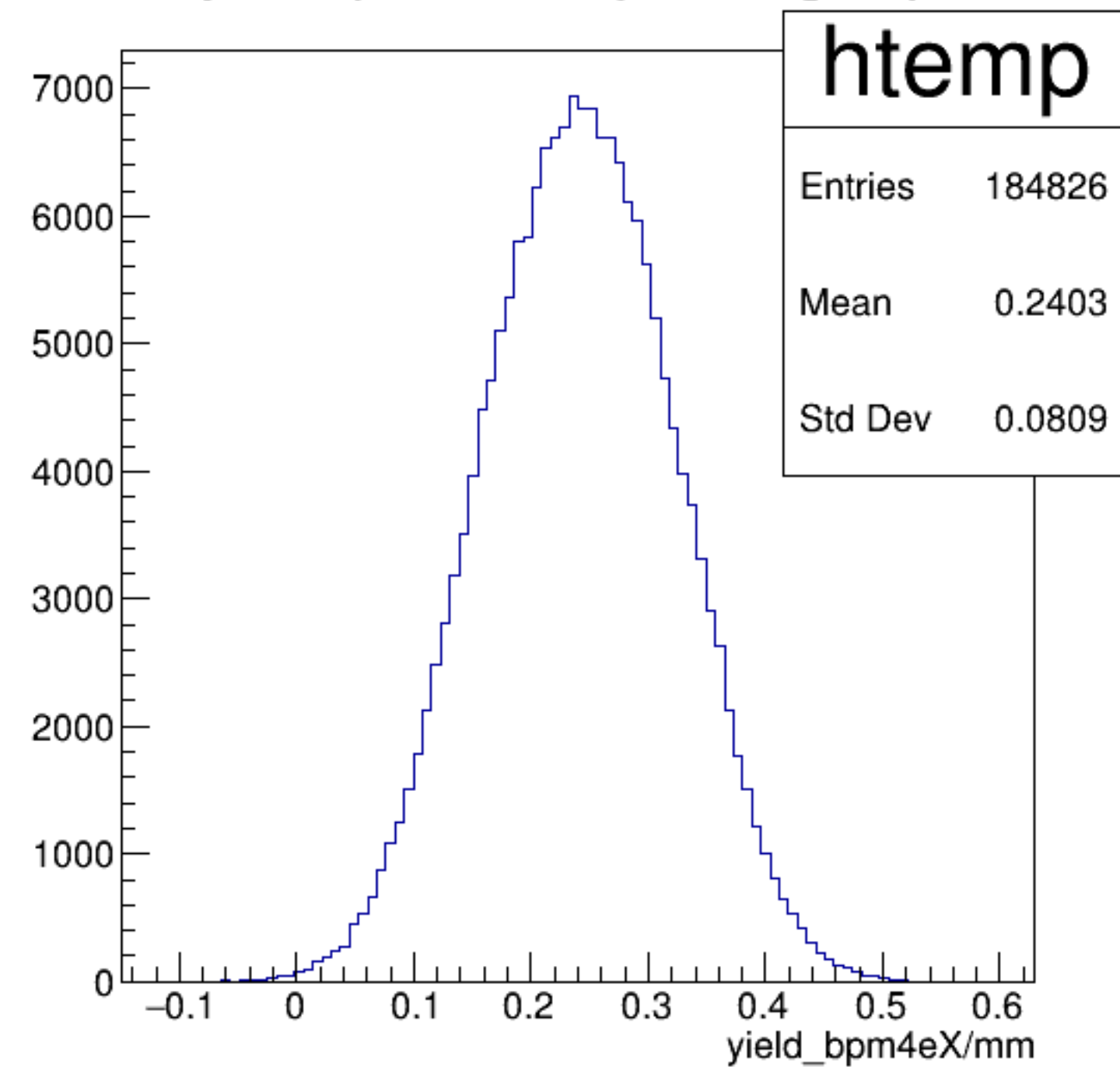


yield_bpm4eX/mm:pattern_number {ErrorFlag==0}

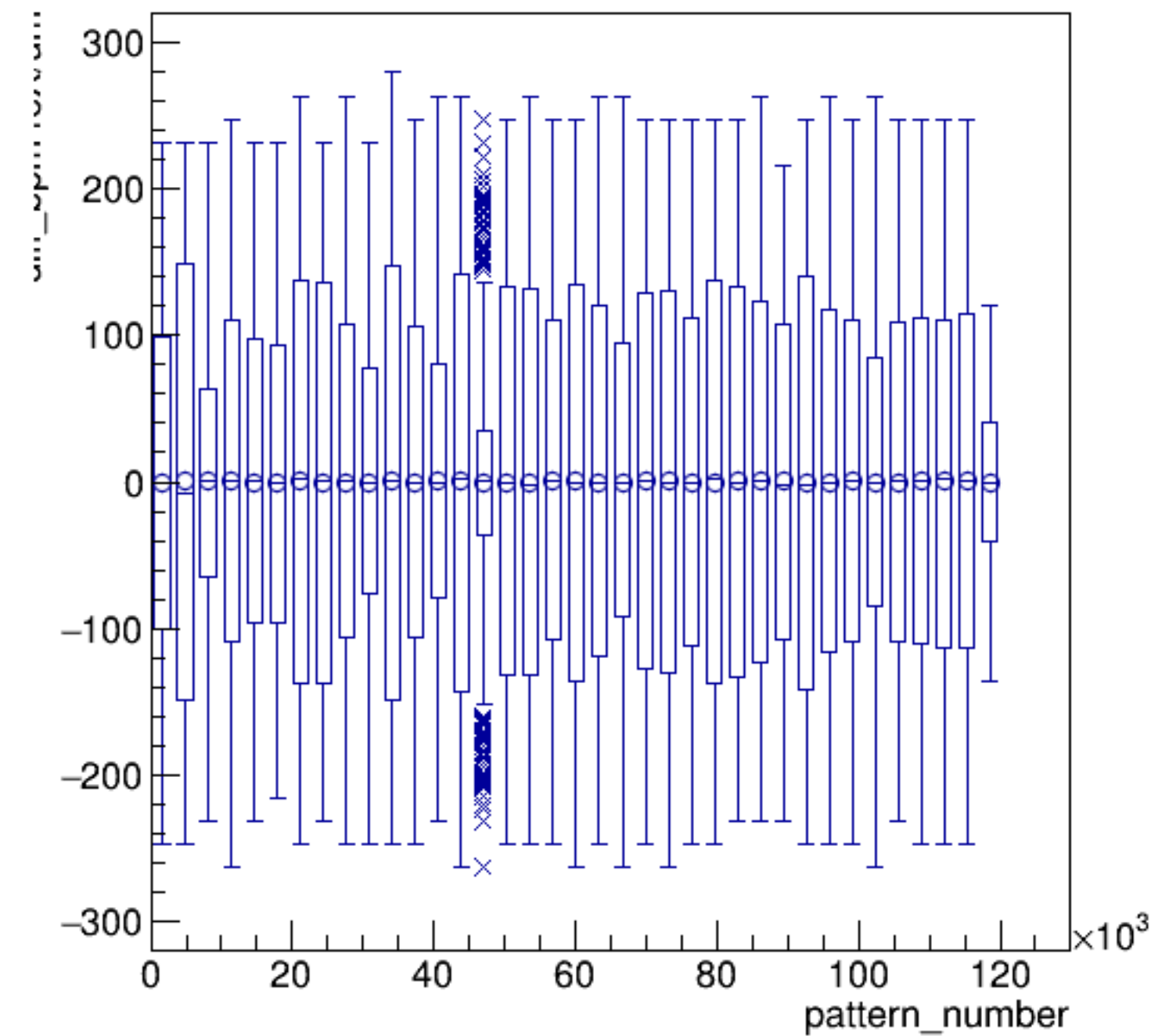


run5472_000_pairTree_bpm4eX.png

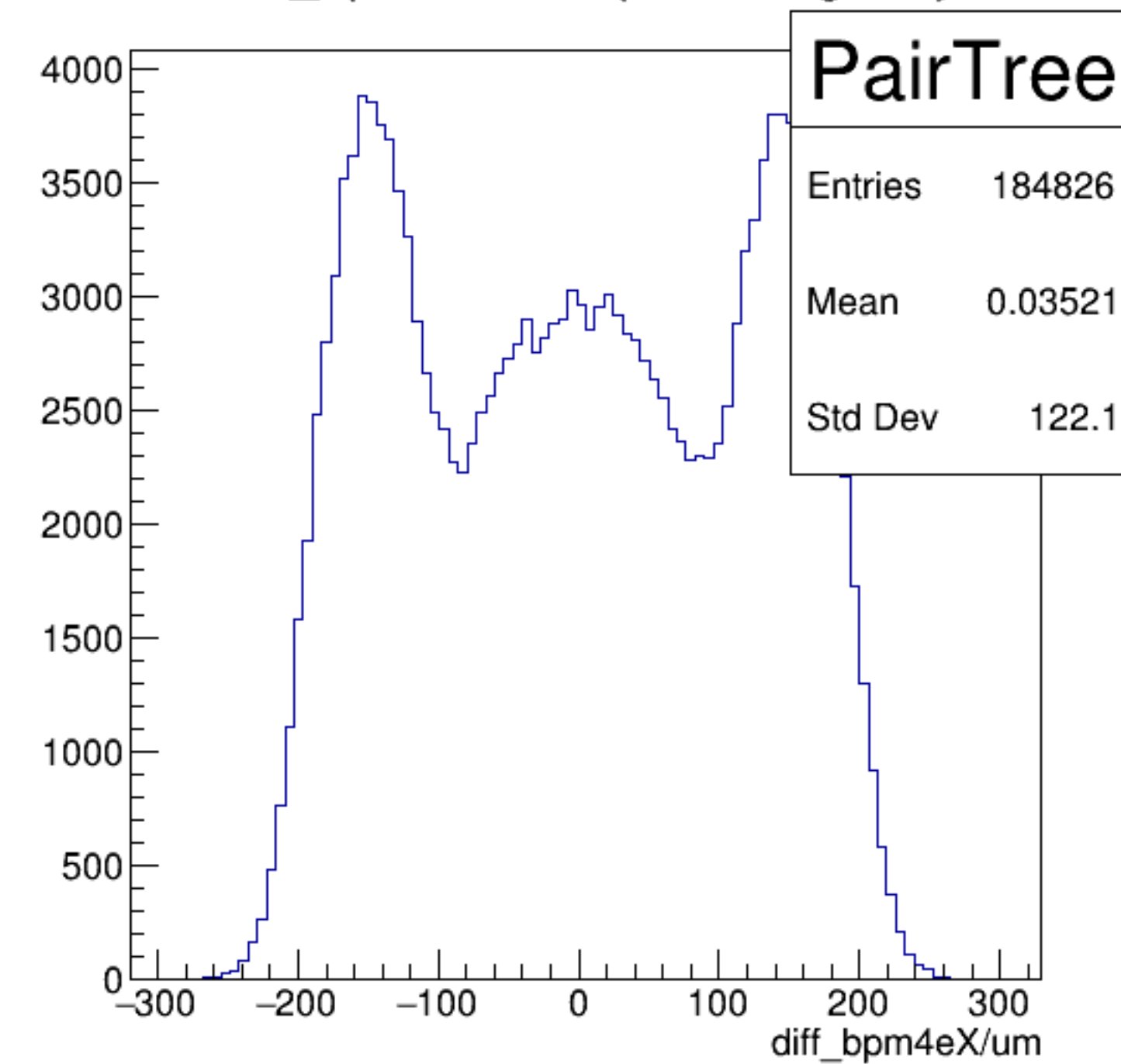
yield_bpm4eX/mm {ErrorFlag==0}

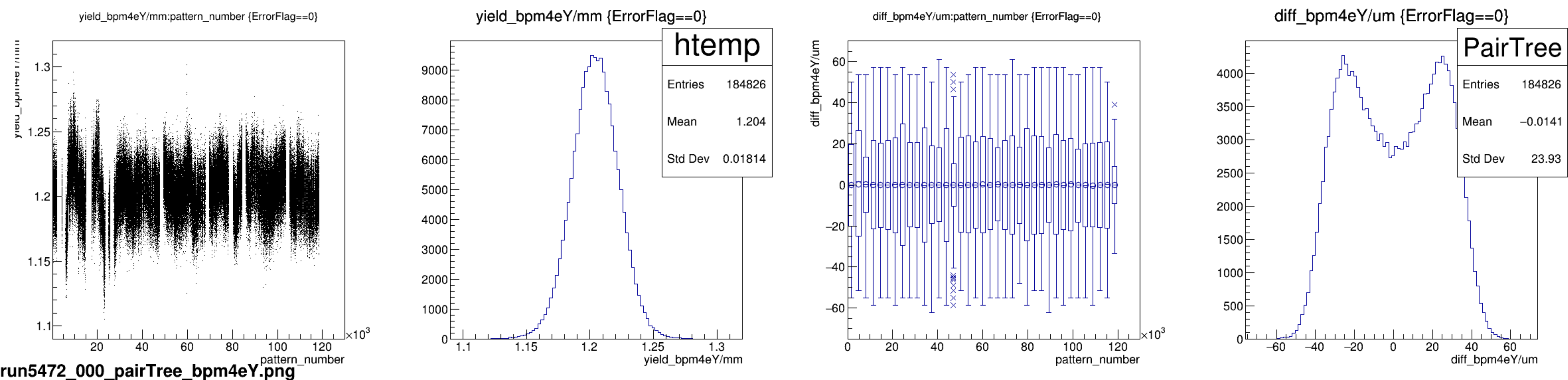


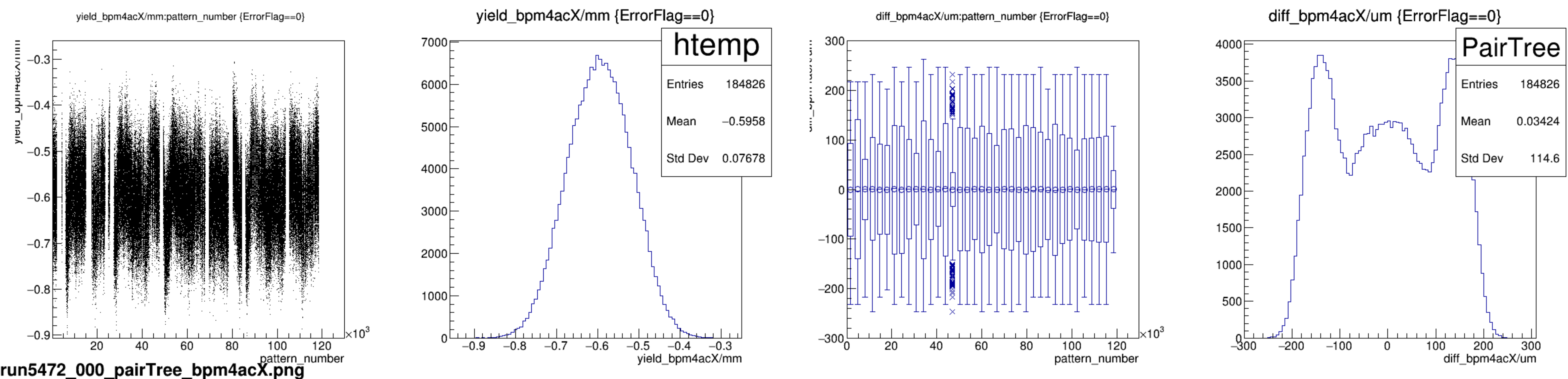
diff_bpm4eX/um:pattern_number {ErrorFlag==0}

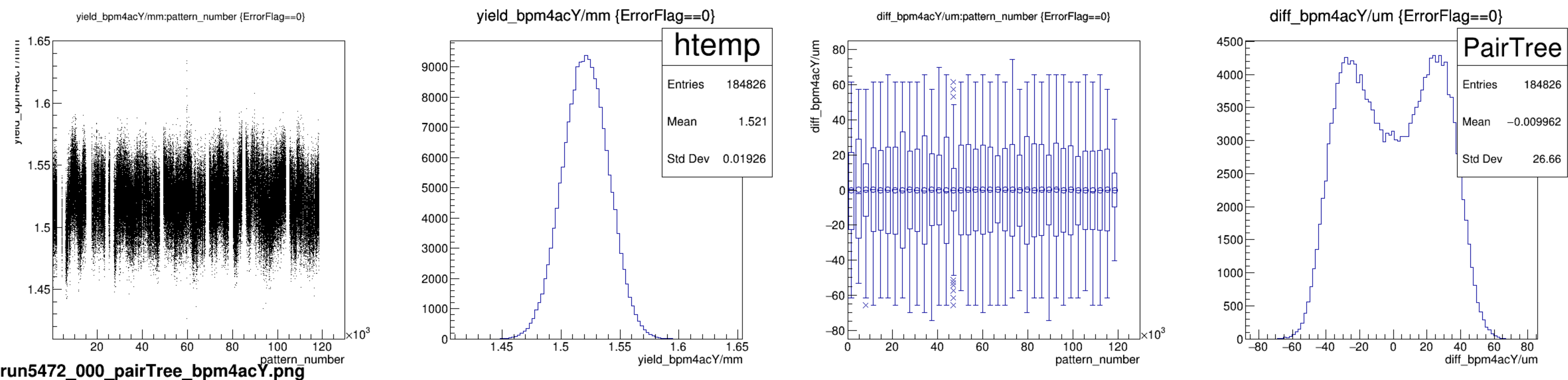


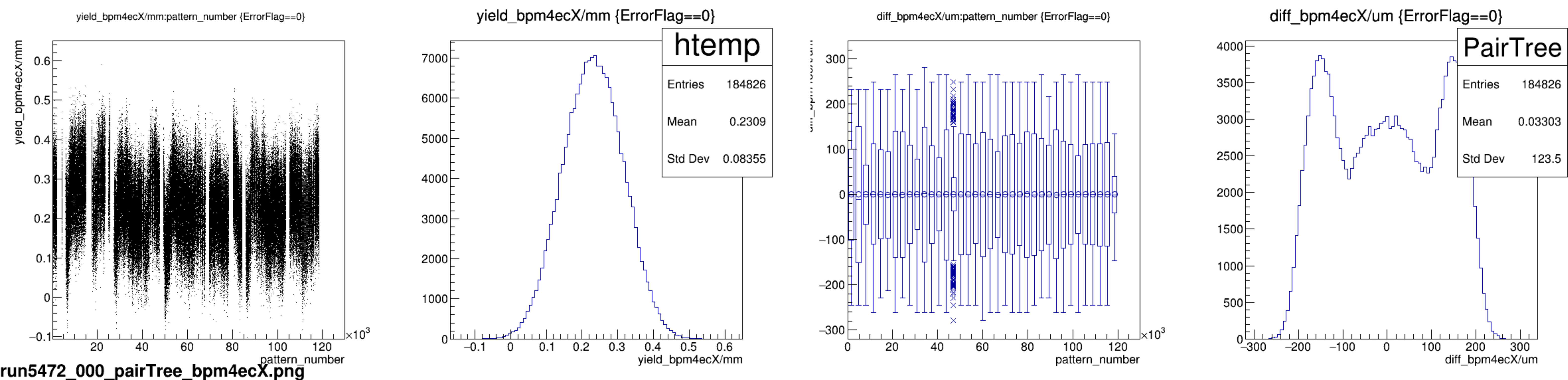
diff_bpm4eX/um {ErrorFlag==0}

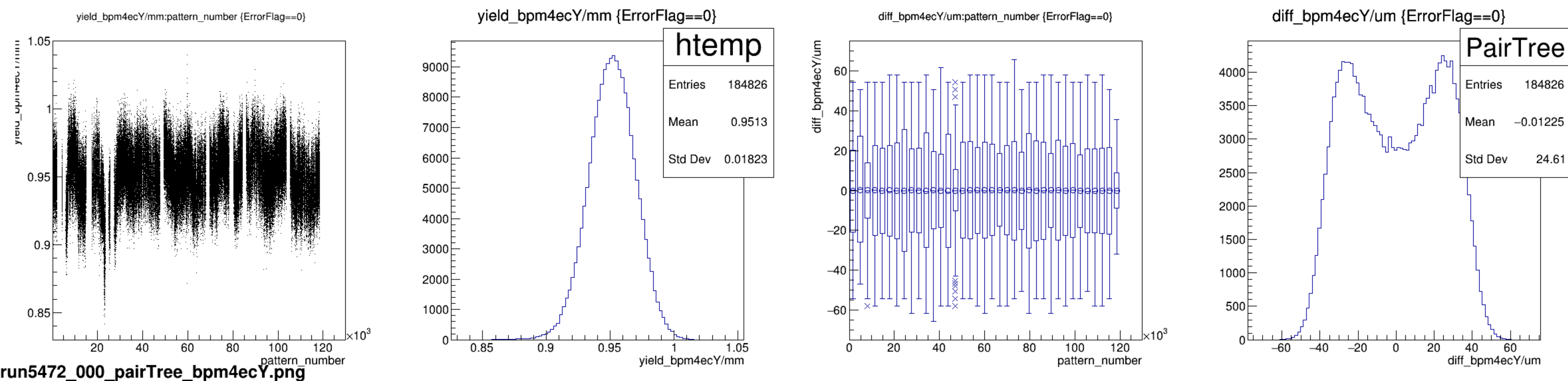


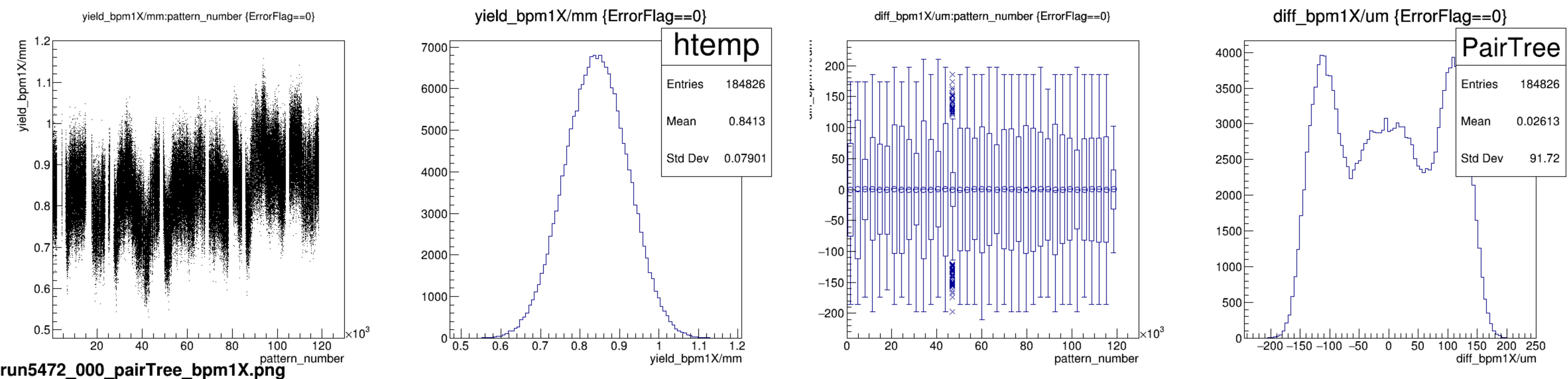


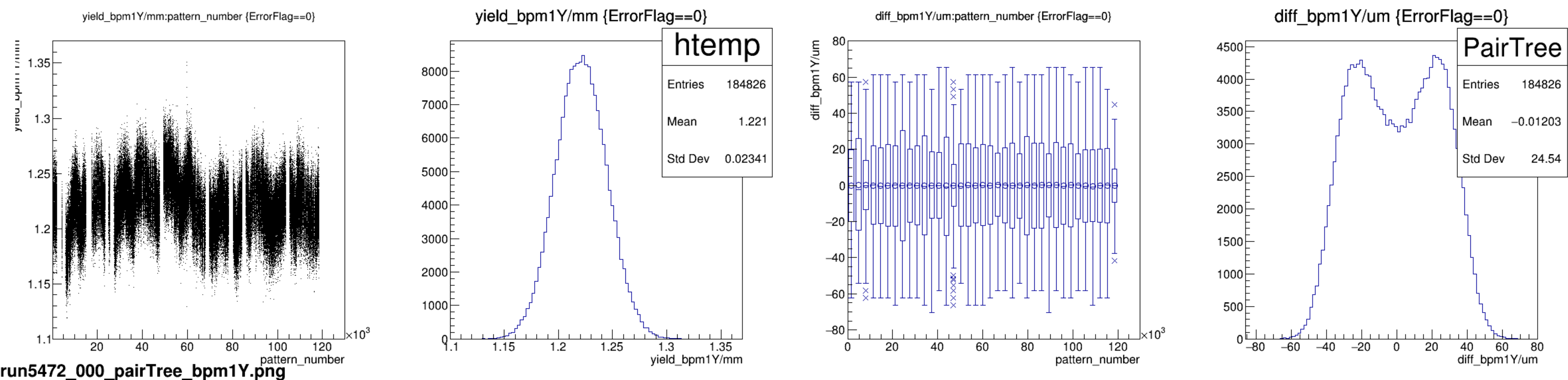




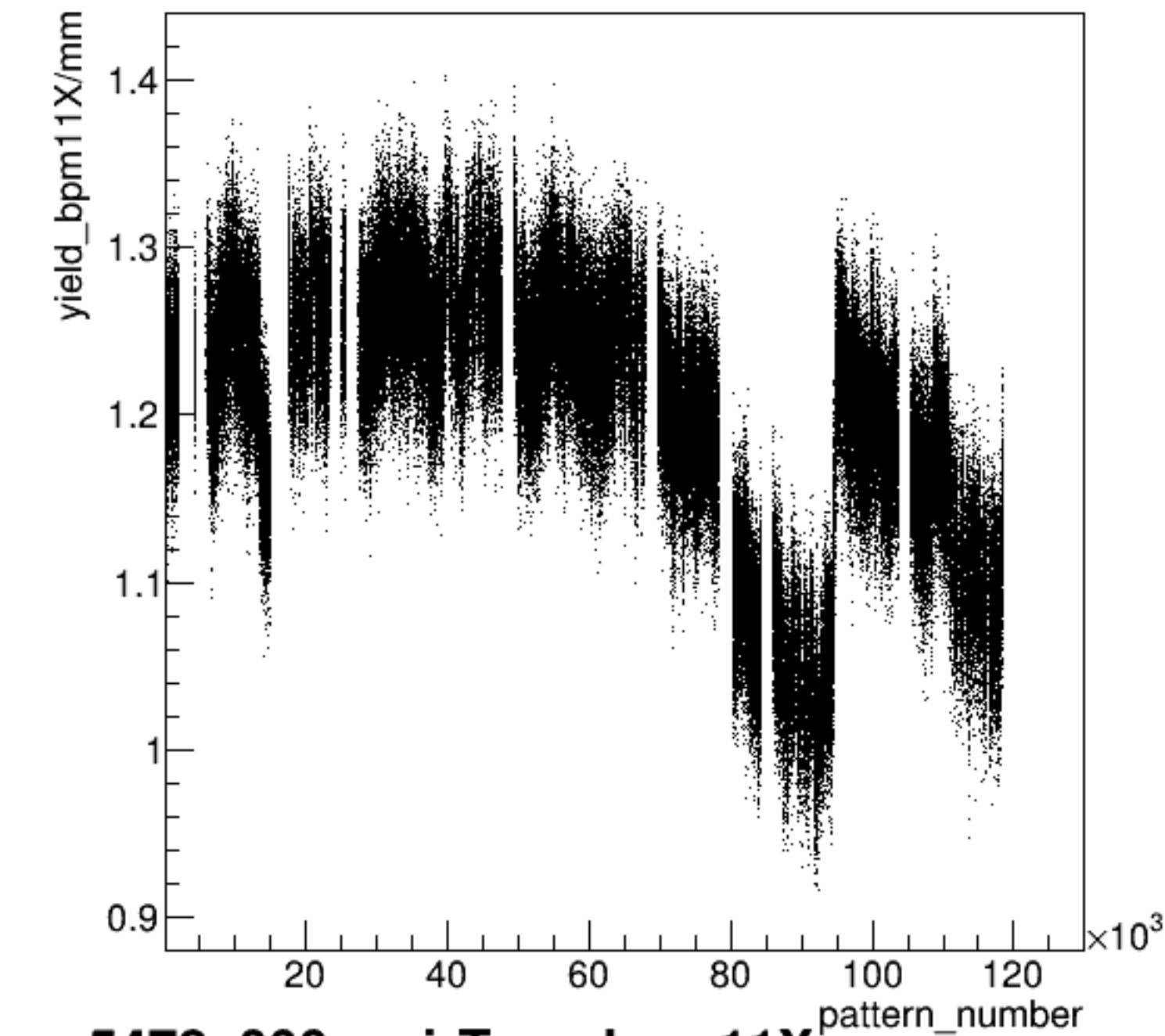






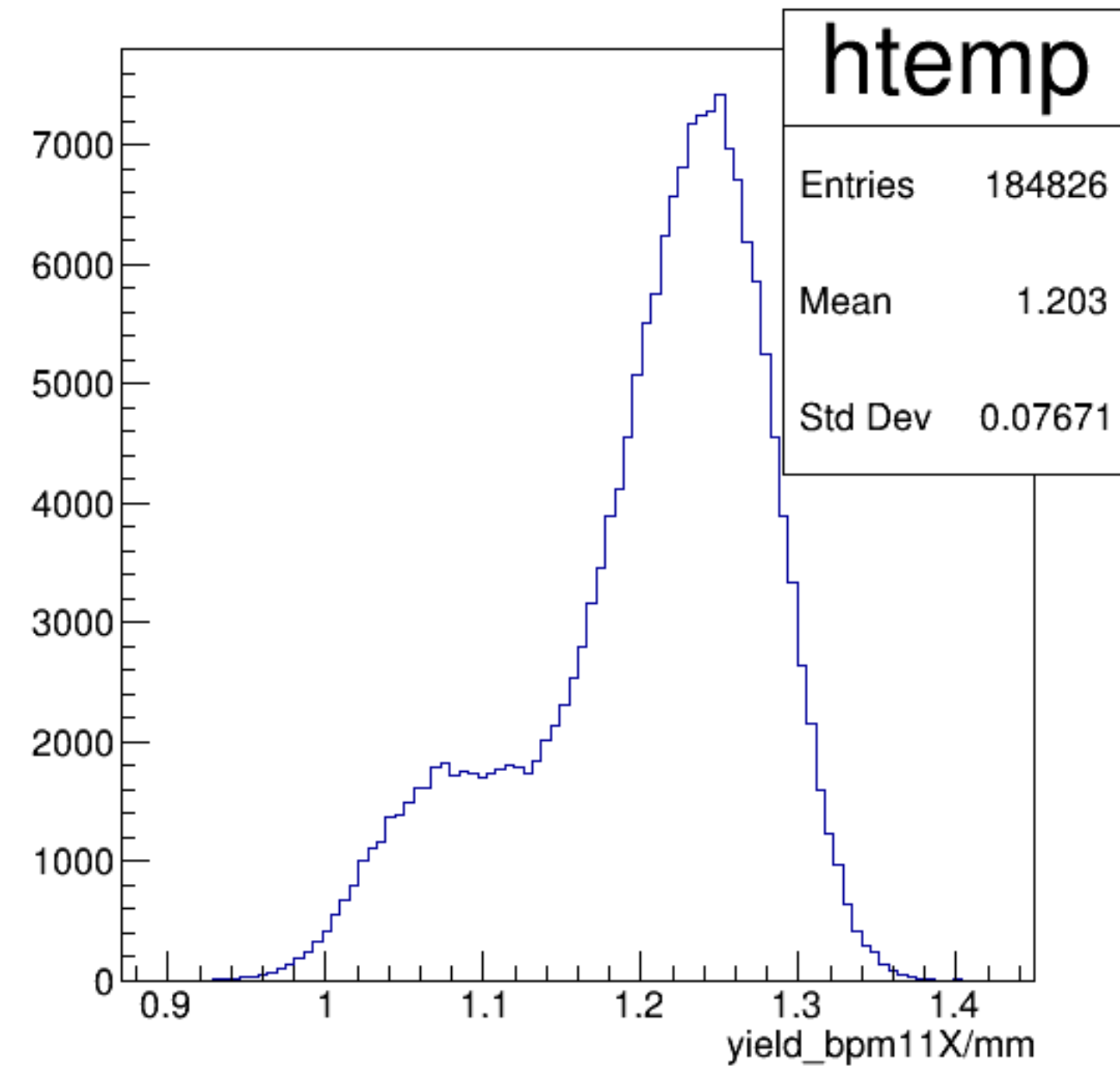


yield_bpm11X/mm:pattern_number {ErrorFlag==0}

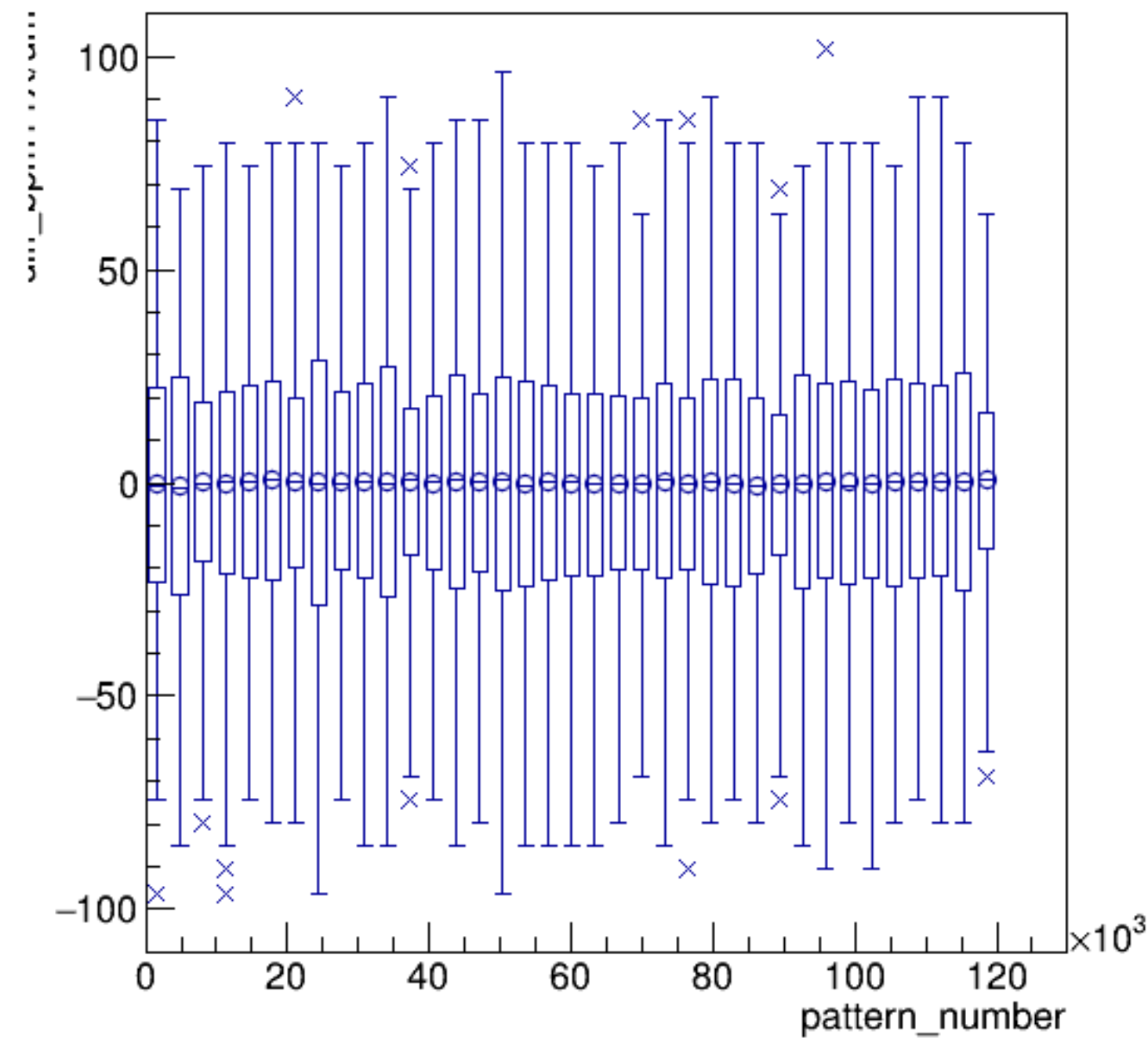


run5472_000_pairTree_bpm11X.png

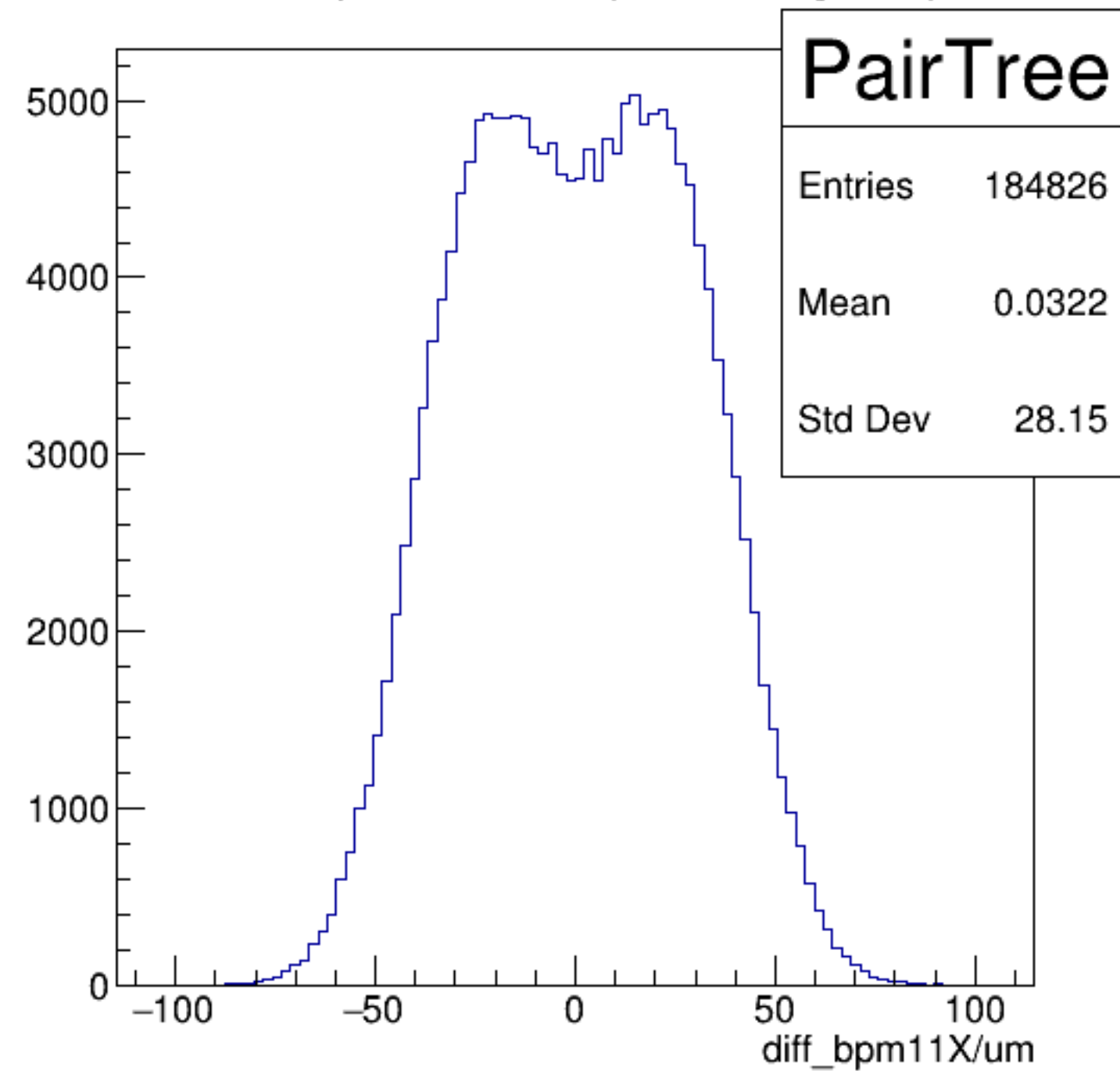
yield_bpm11X/mm {ErrorFlag==0}



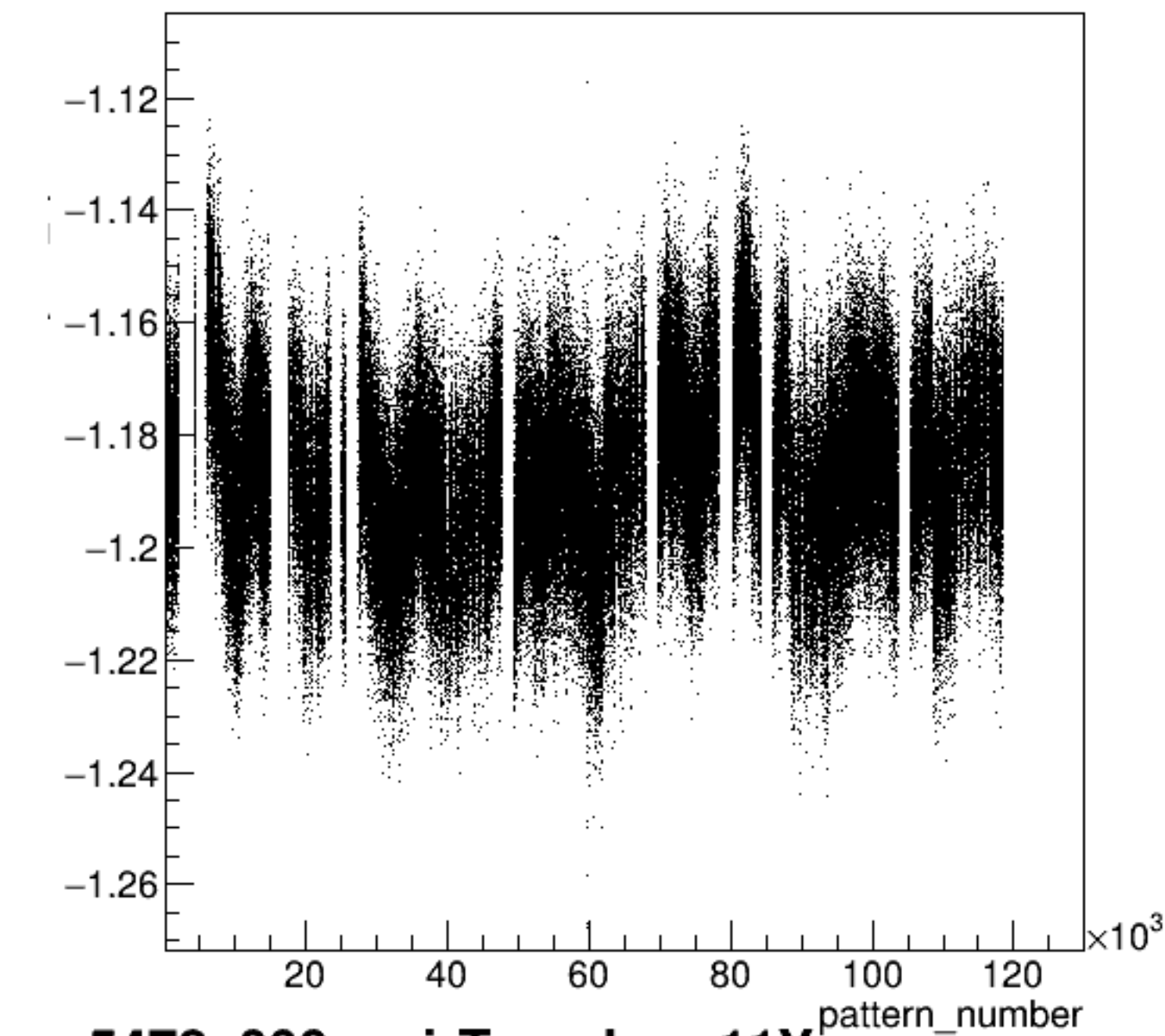
diff_bpm11X/um:pattern_number {ErrorFlag==0}



diff_bpm11X/um {ErrorFlag==0}

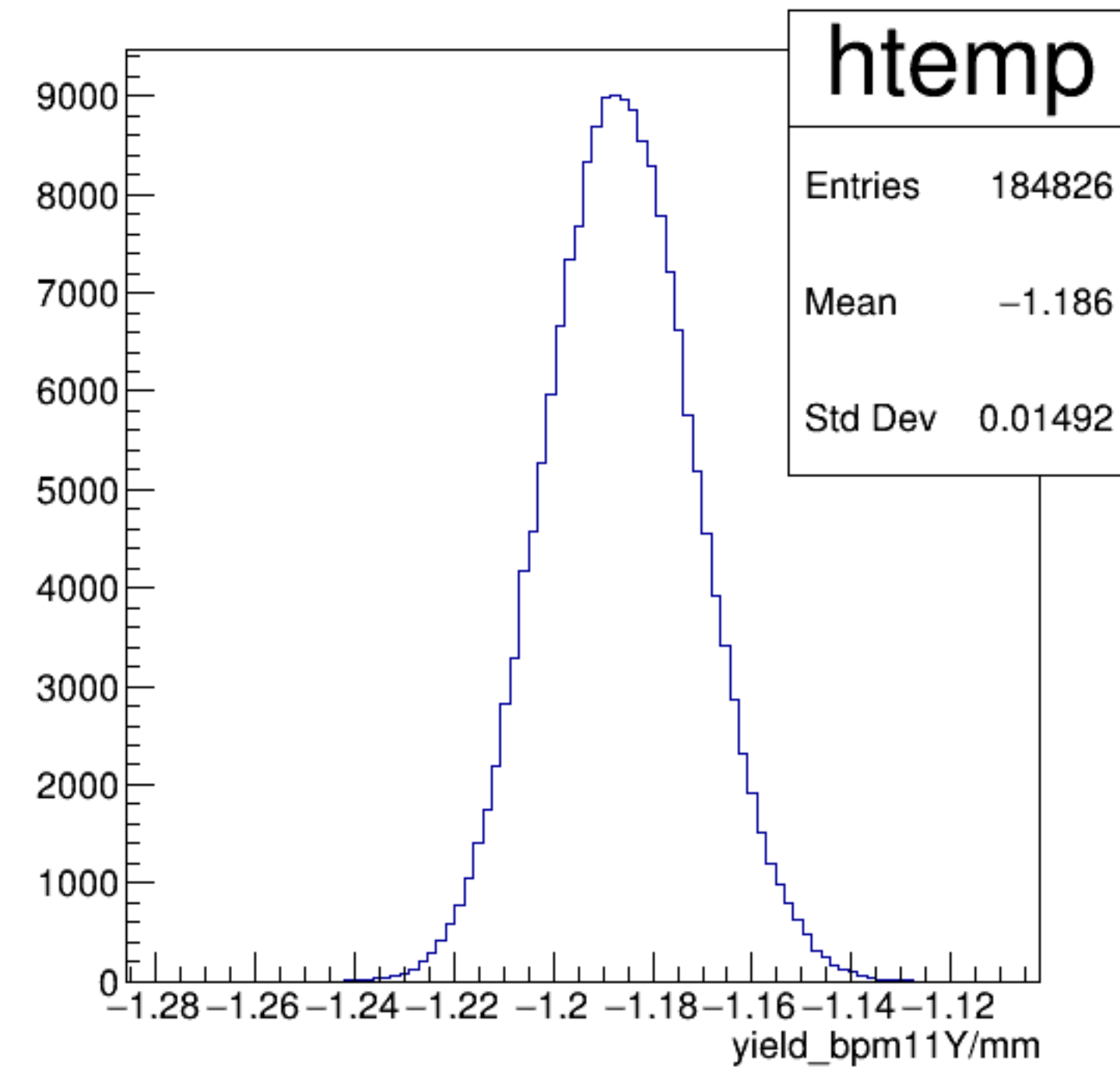


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

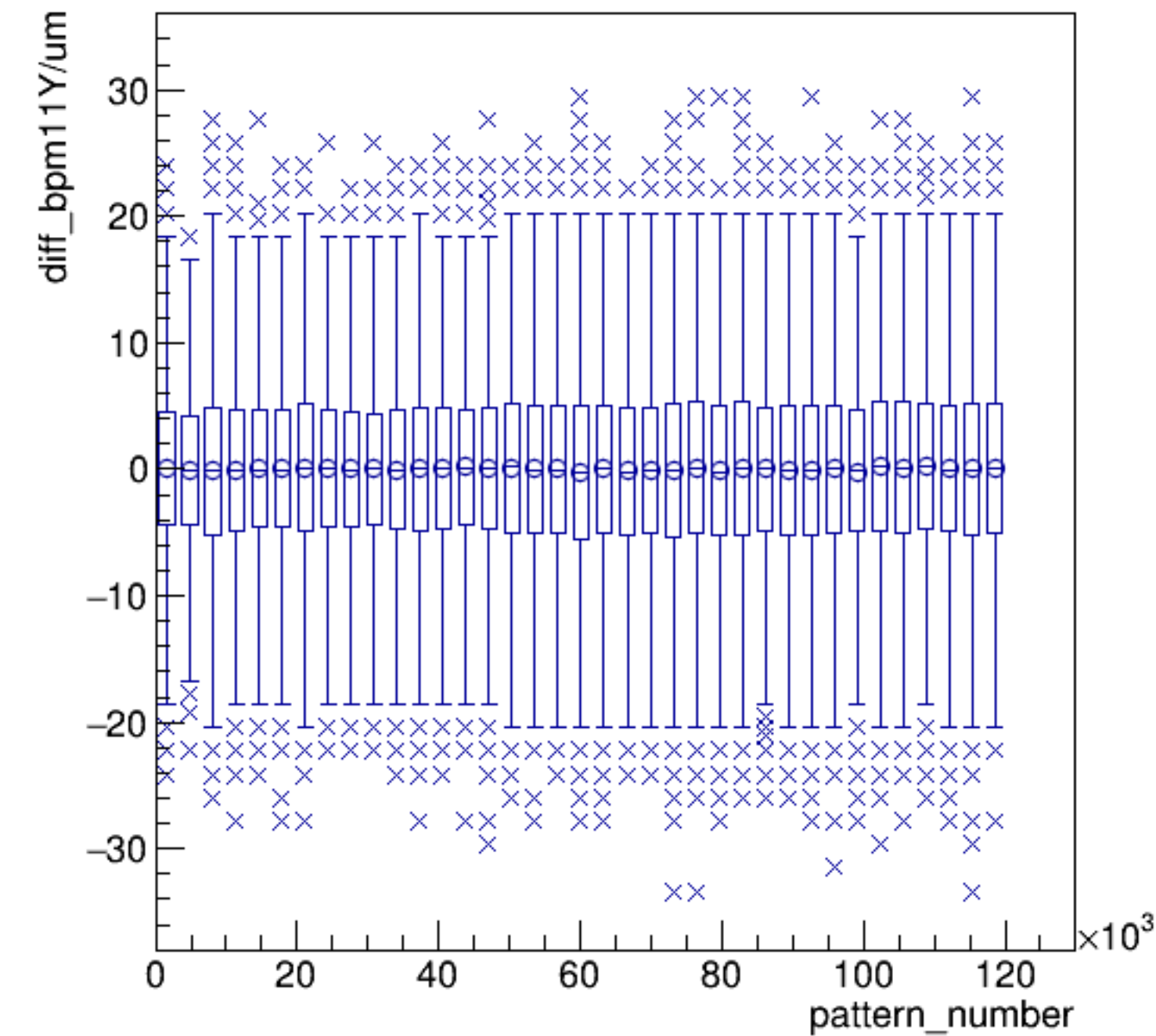


run5472_000_pairTree_bpm11Y.png

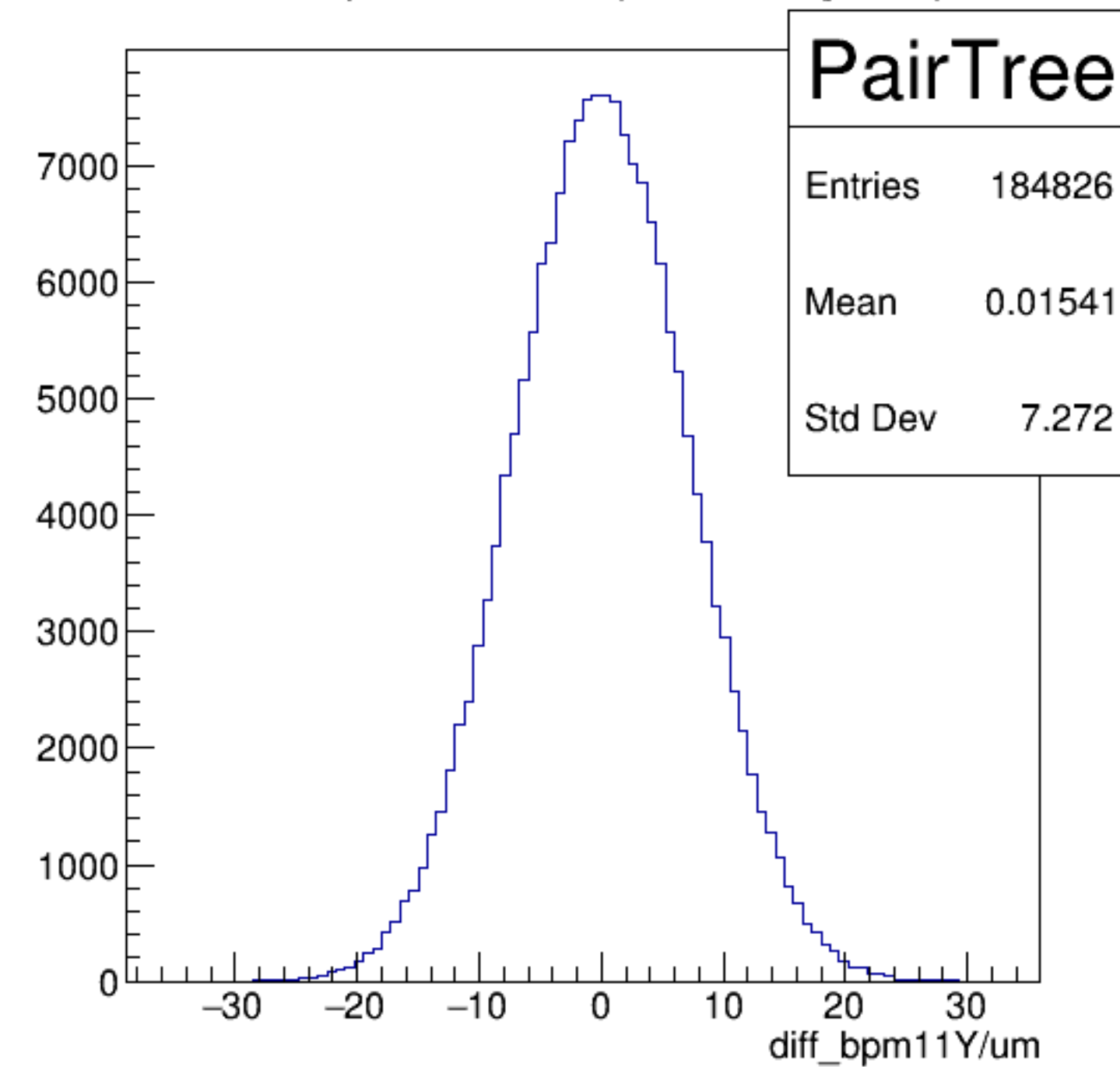
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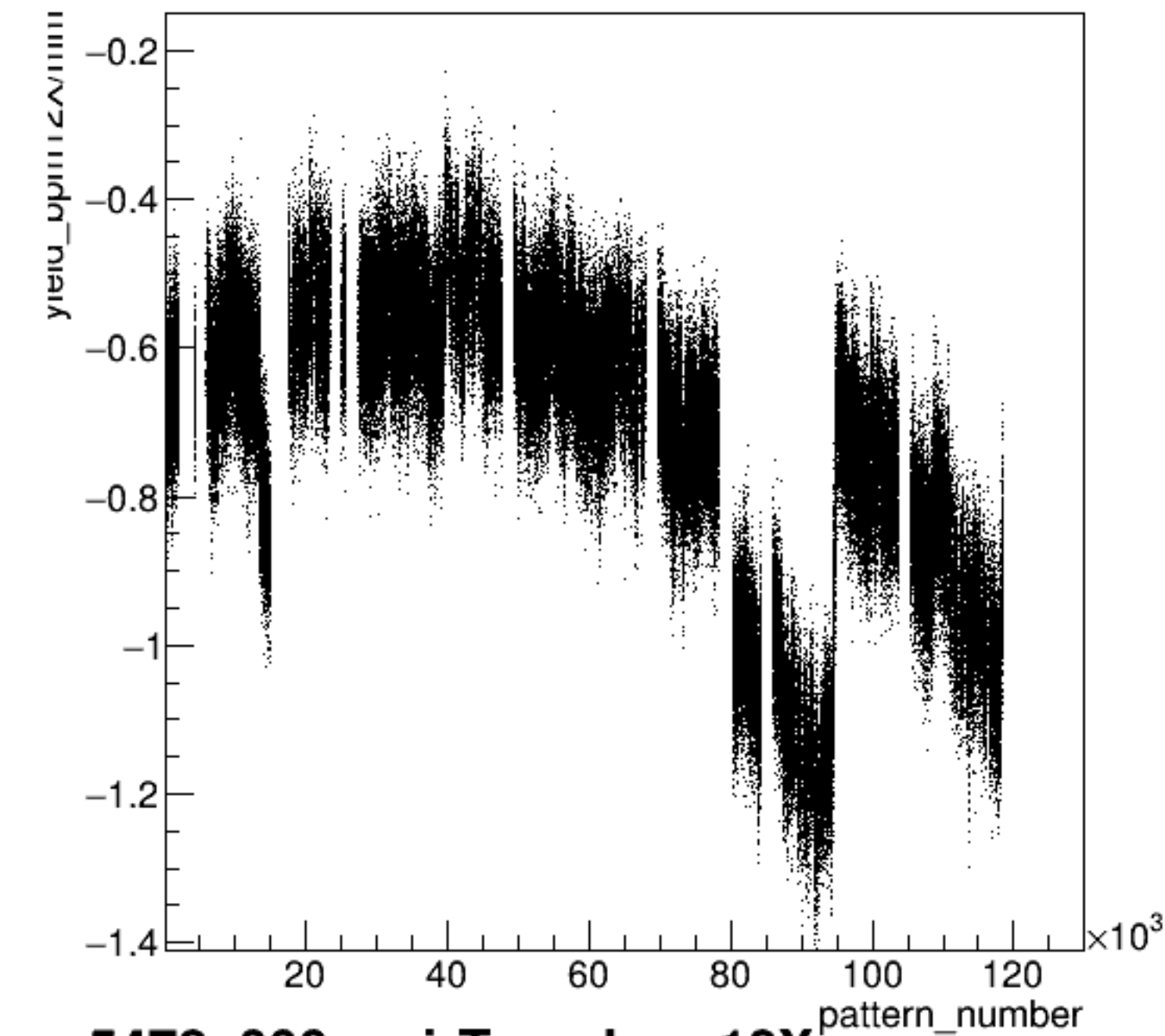
diff_bpm11Y/um:pattern_number {ErrorFlag==0}



diff_bpm11Y/um {ErrorFlag==0}

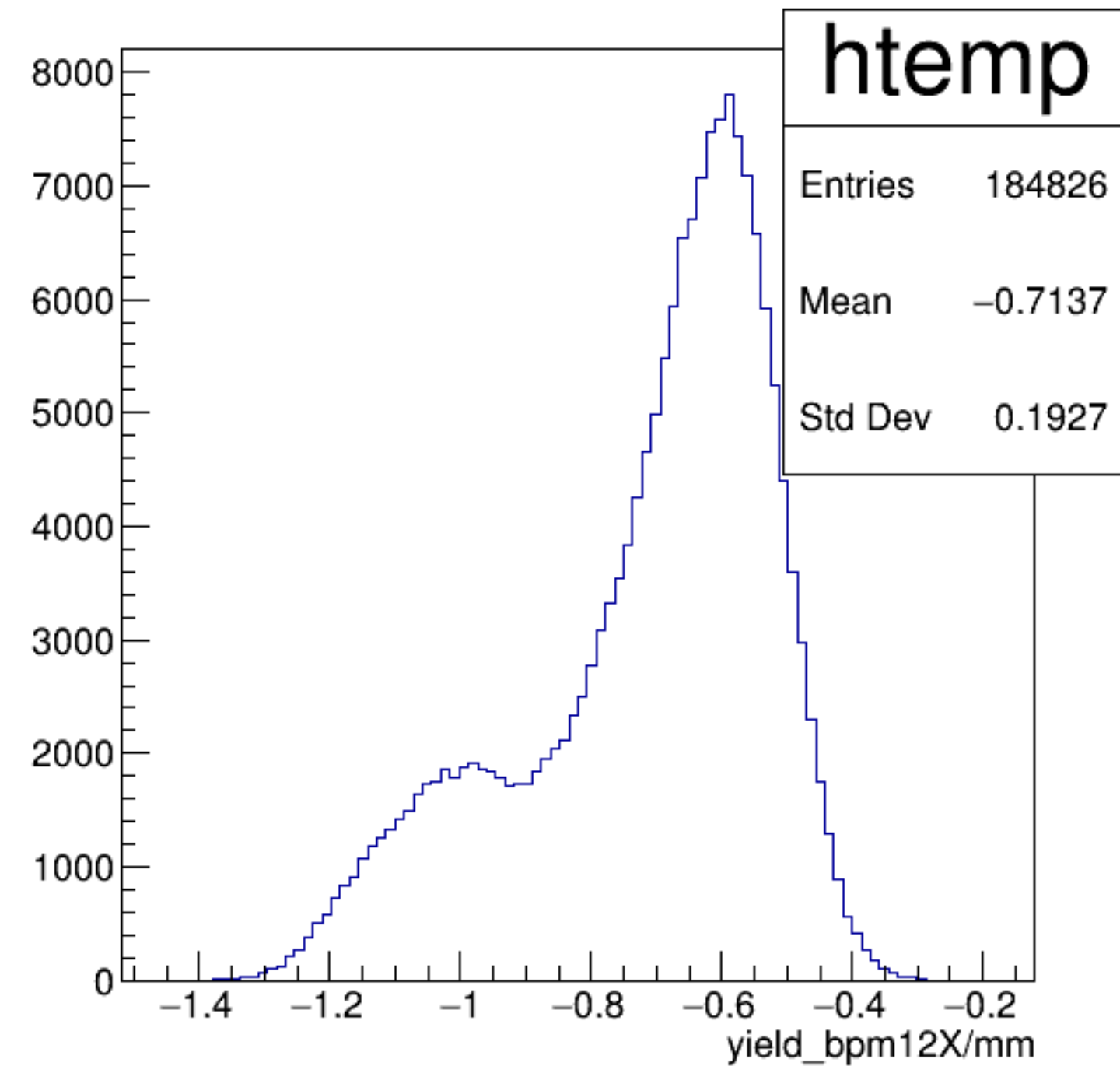


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

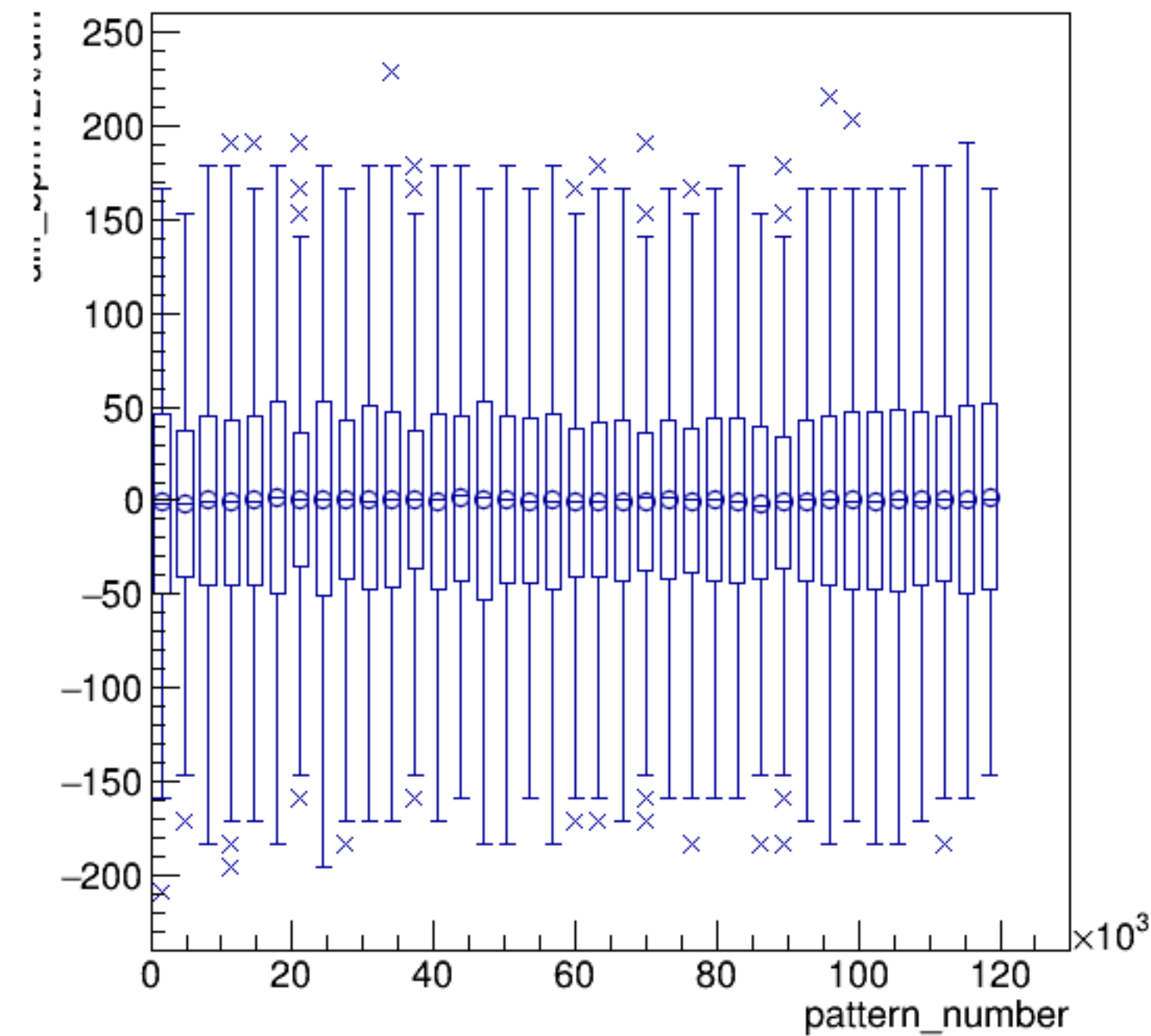


run5472_000_pairTree_bpm12X.png

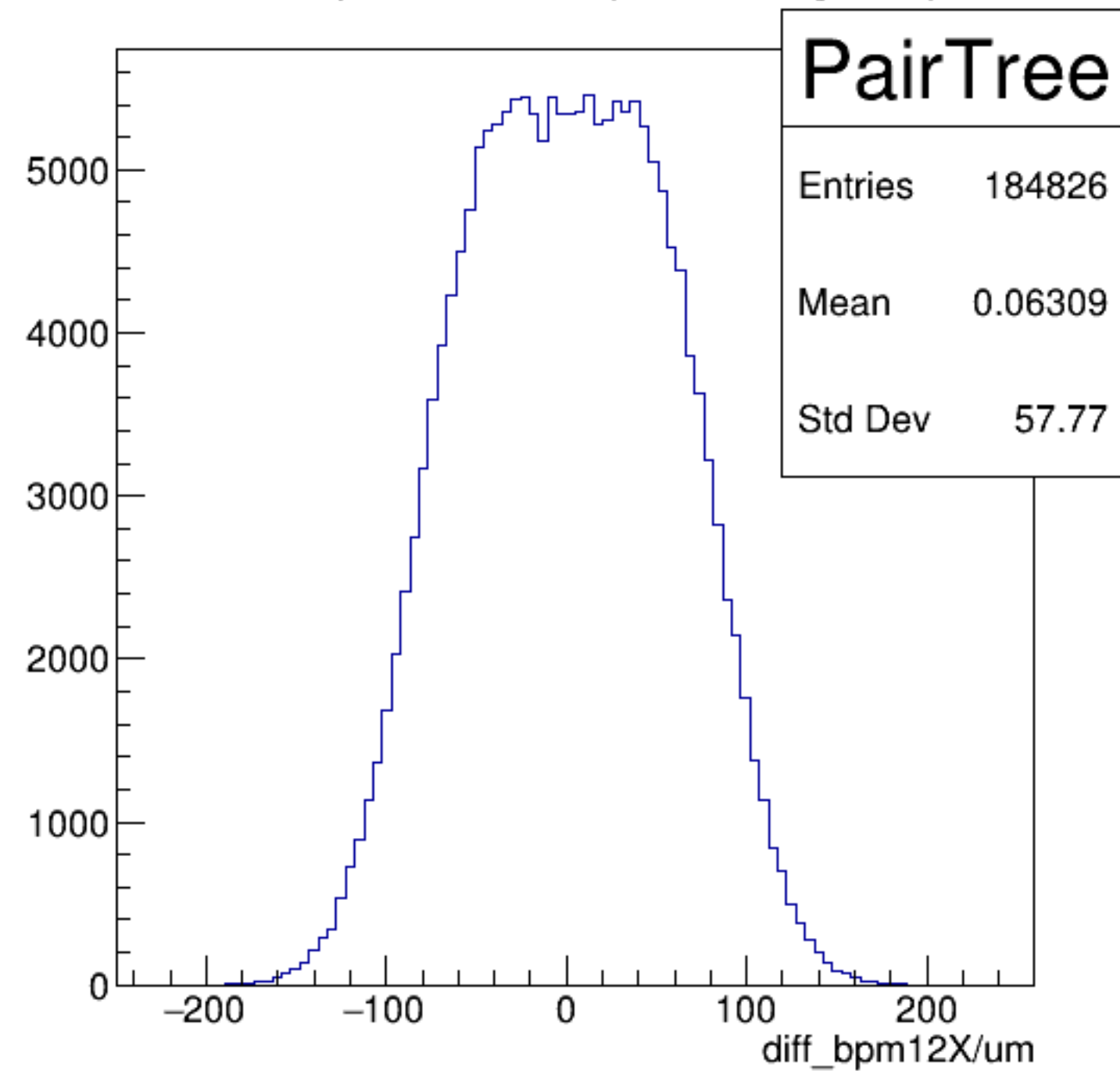
yield_bpm12X/mm {ErrorFlag==0}



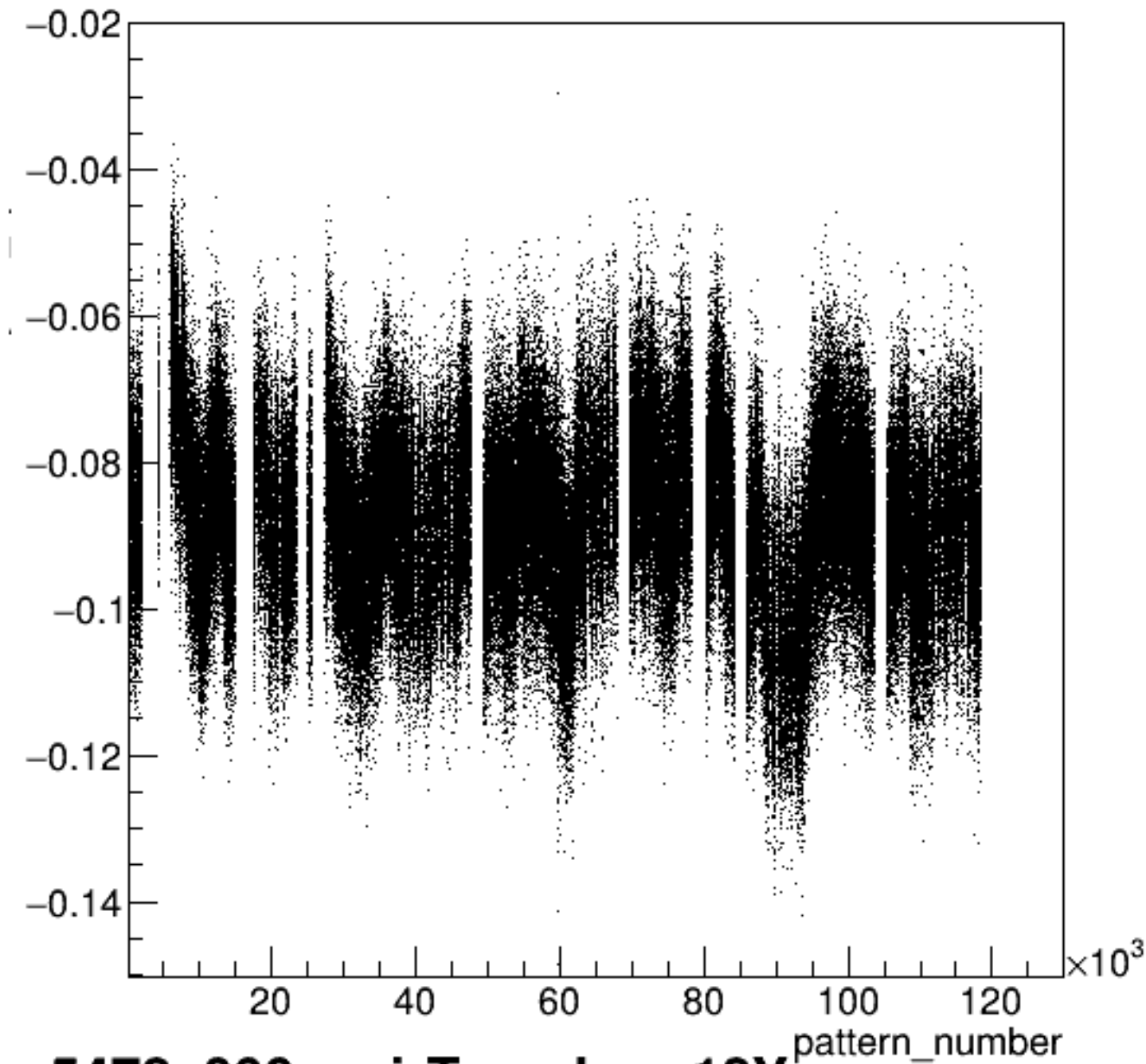
diff_bpm12X/um:pattern_number {ErrorFlag==0}



diff_bpm12X/um {ErrorFlag==0}

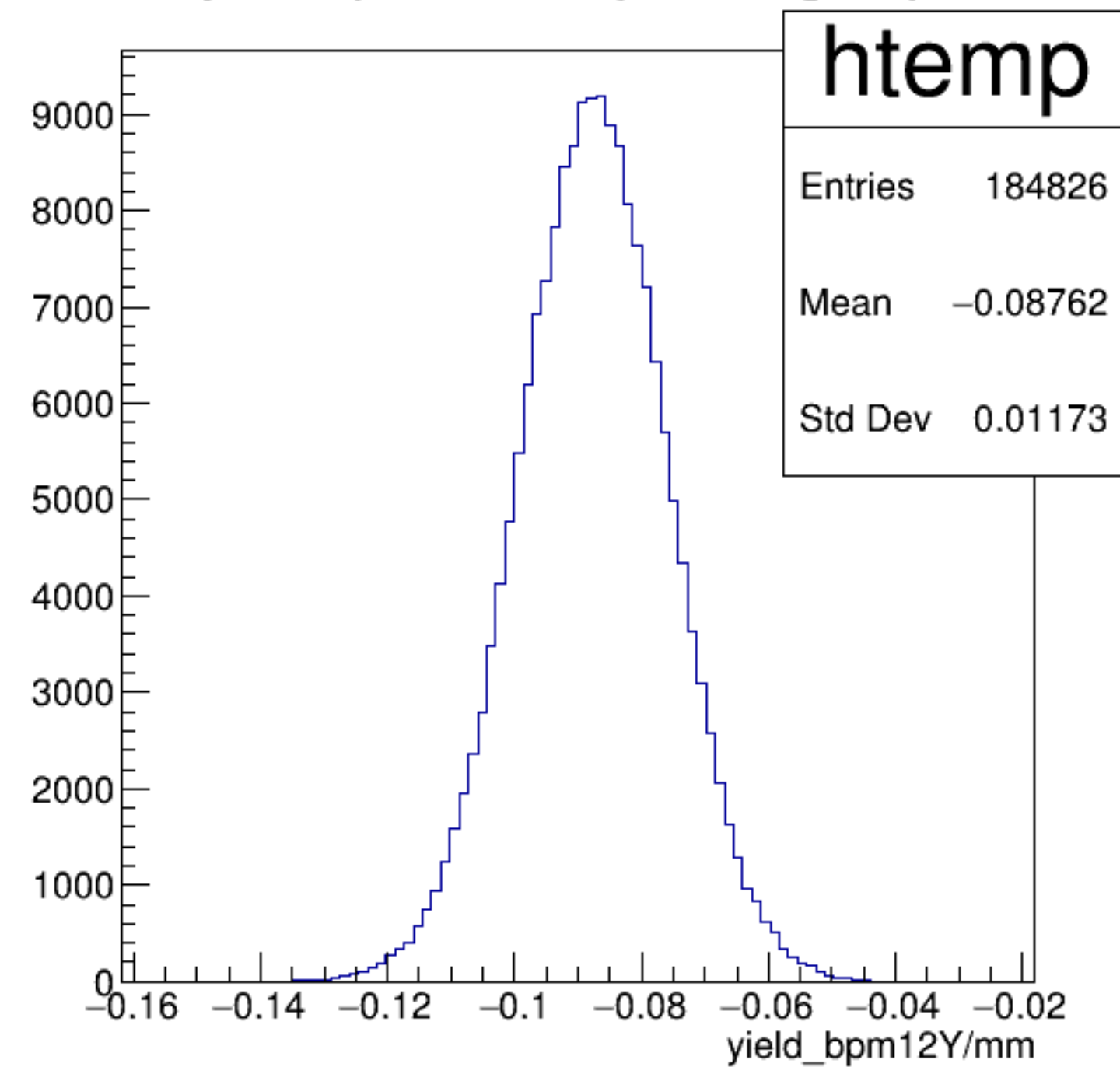


yield_bpm12Y/mm:pattern_number {ErrorFlag==0}

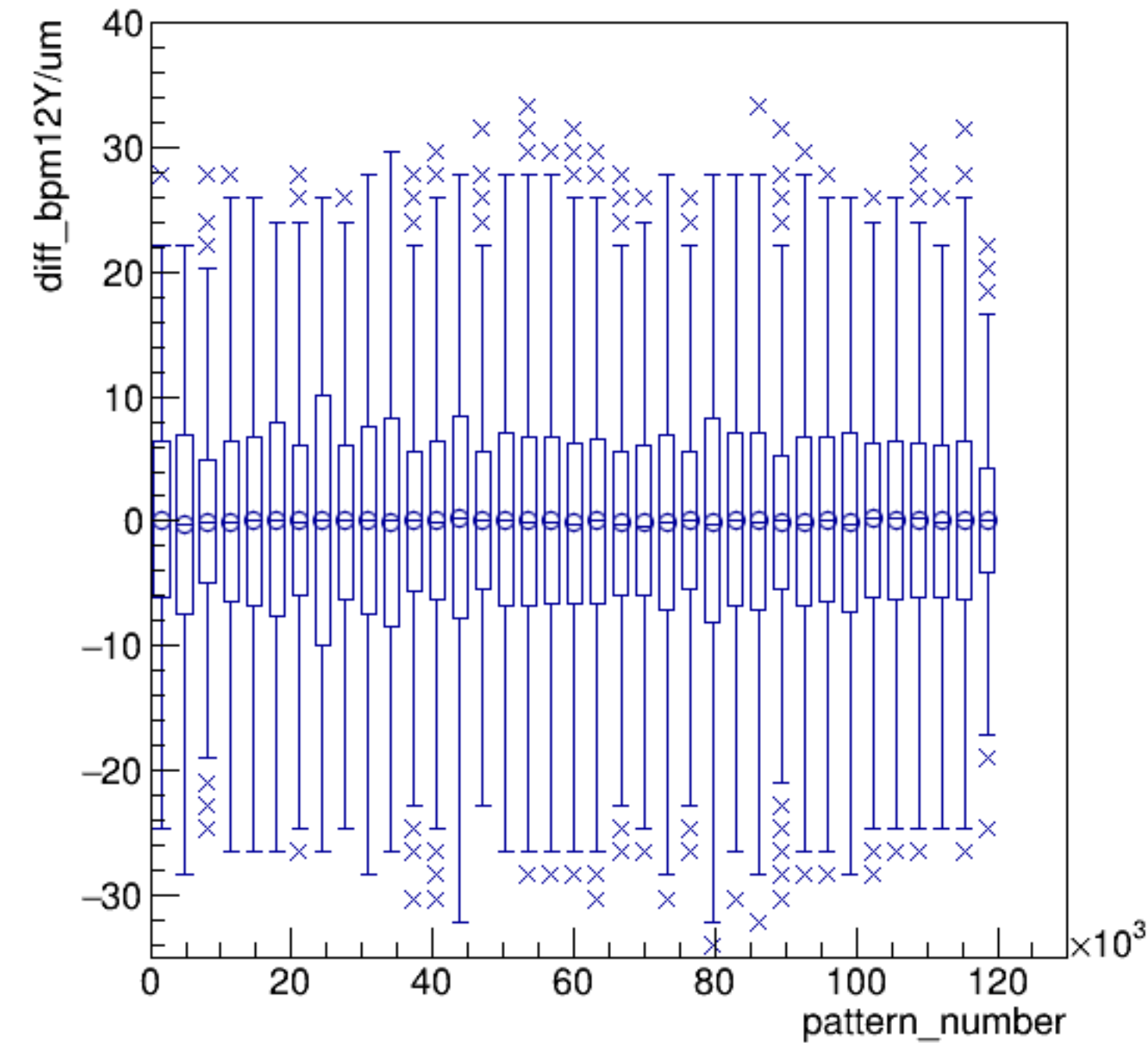


run5472_000_pairTree_bpm12Y.png

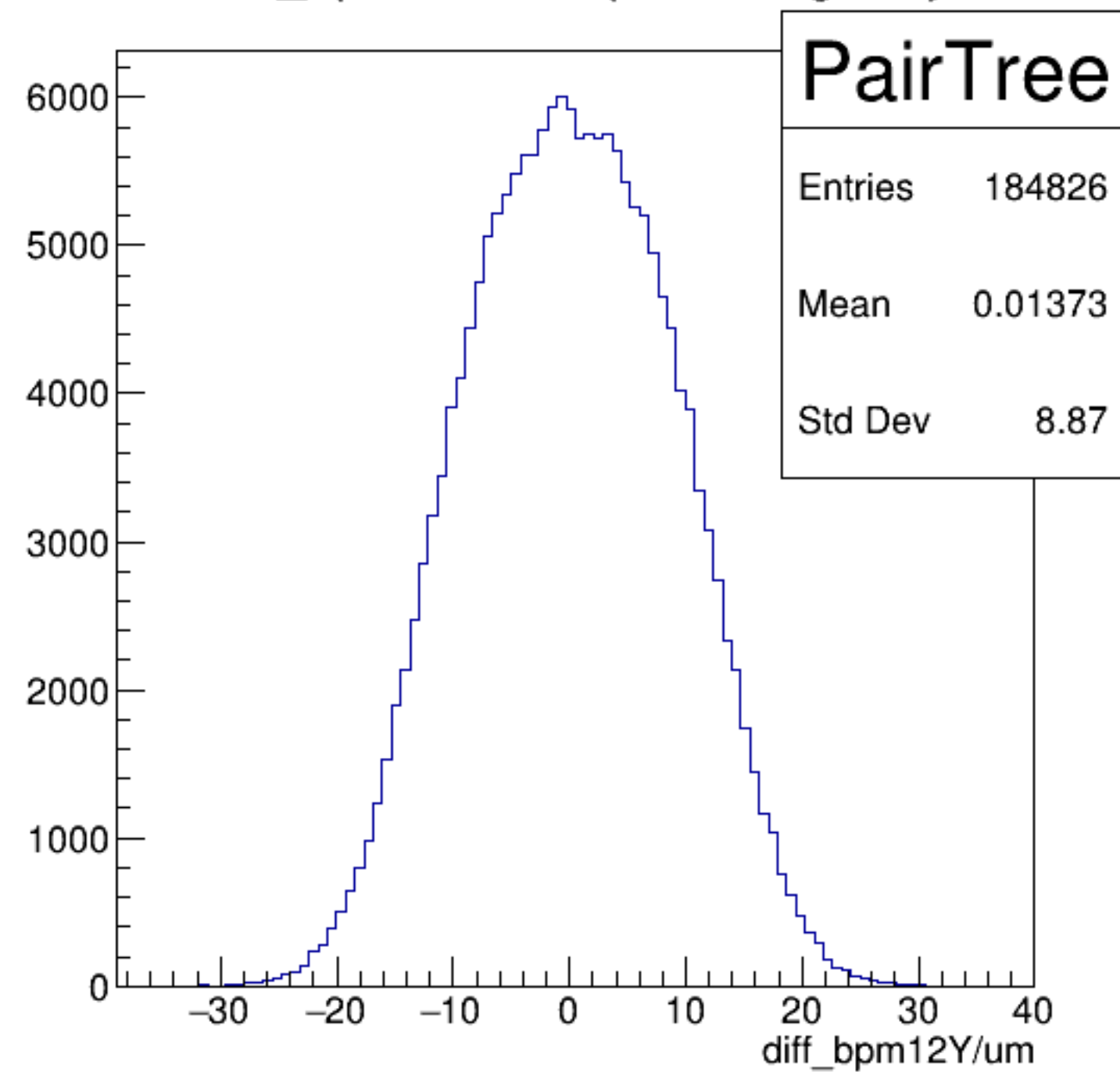
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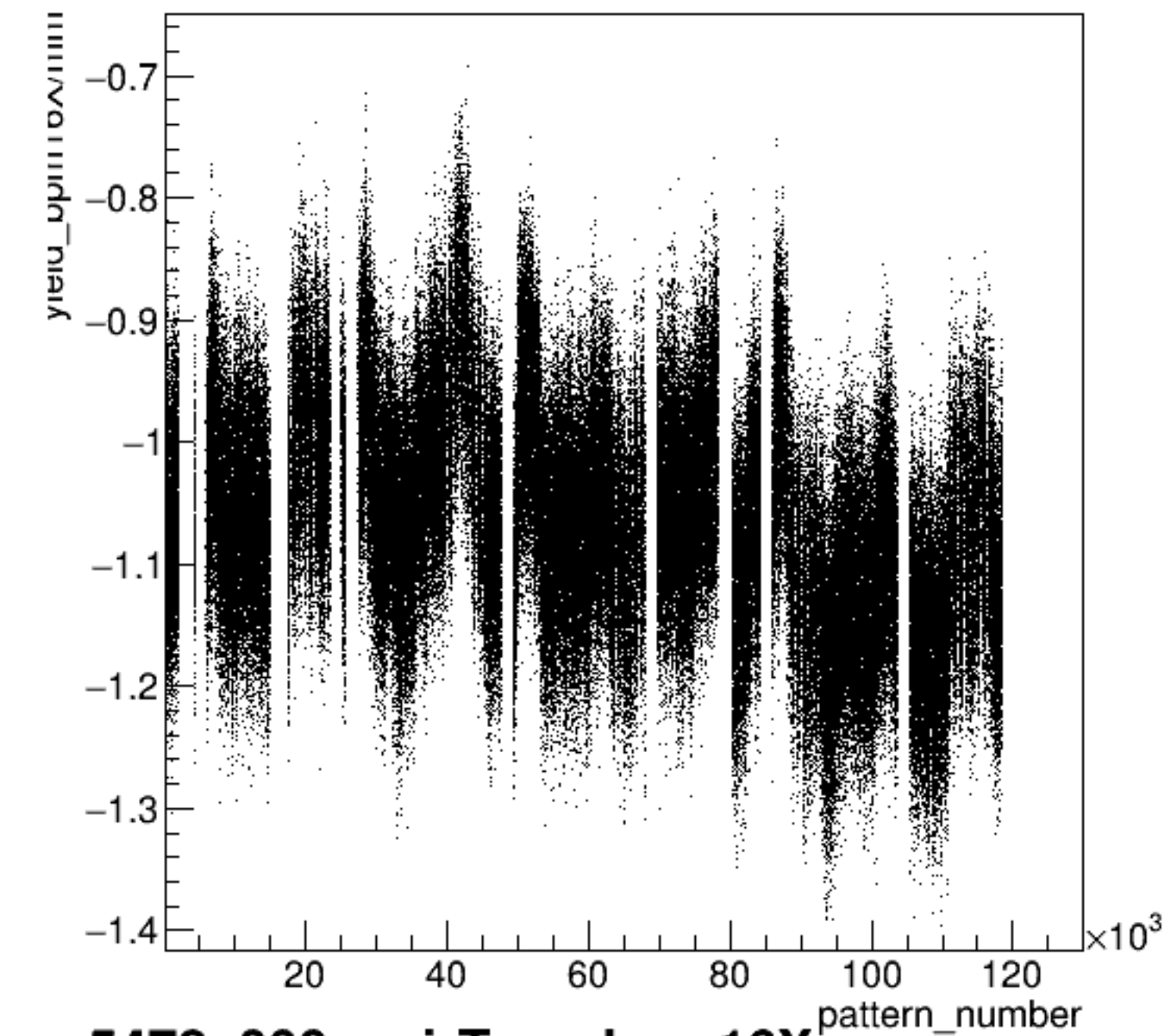
diff_bpm12Y/um:pattern_number {ErrorFlag==0}



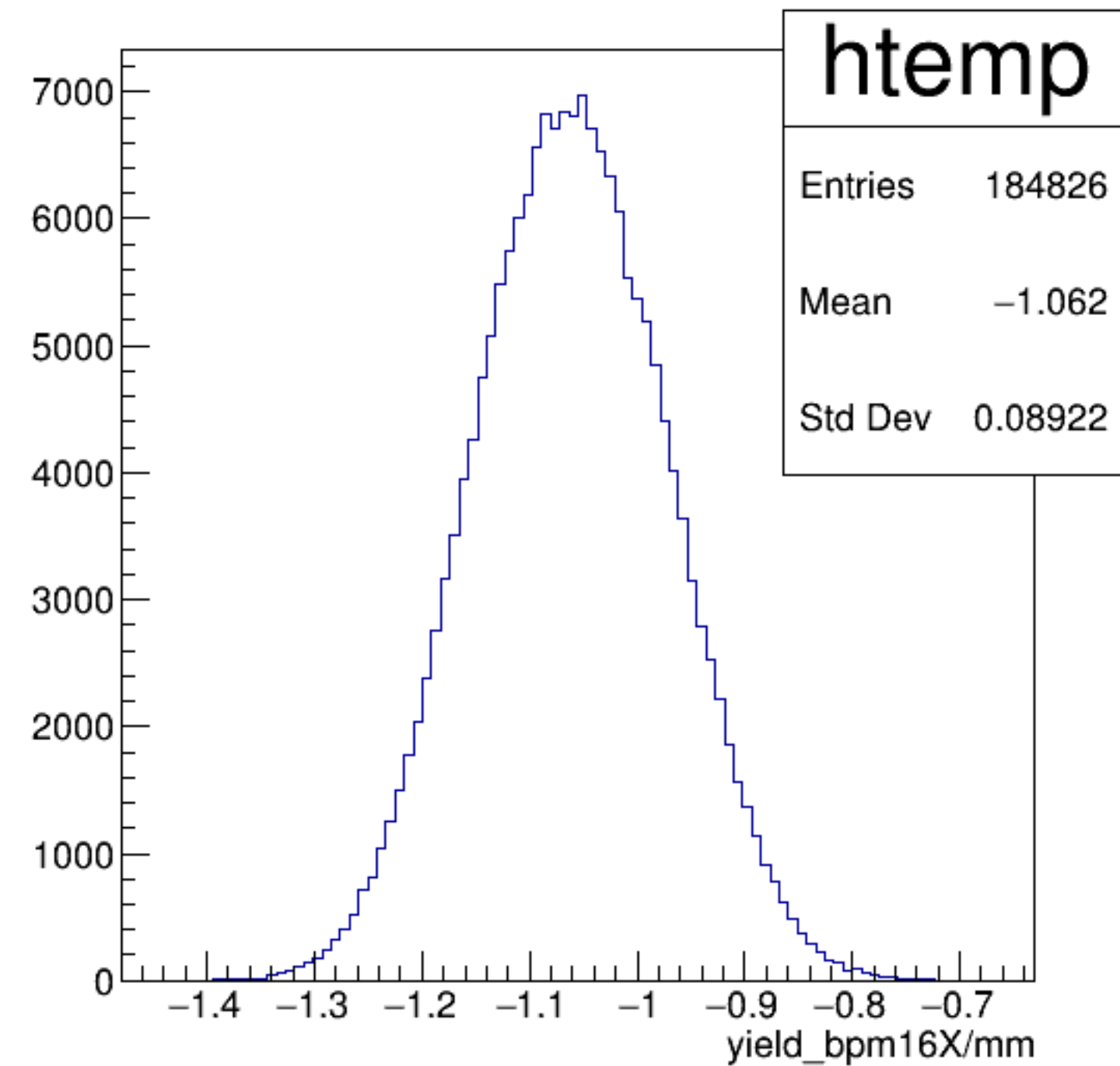
diff_bpm12Y/um {ErrorFlag==0}



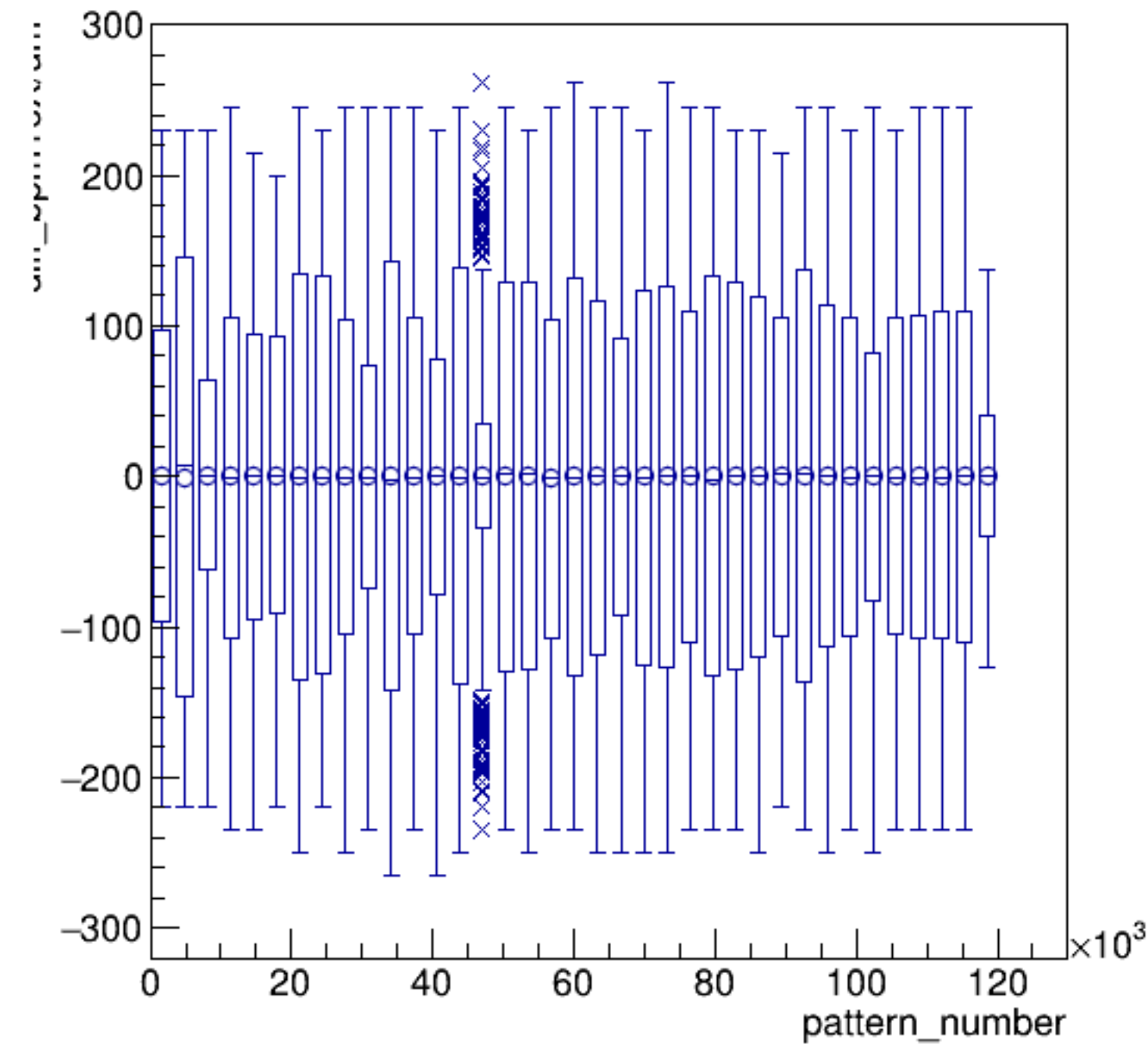
yield_bpm16X/mm:pattern_number {ErrorFlag==0}



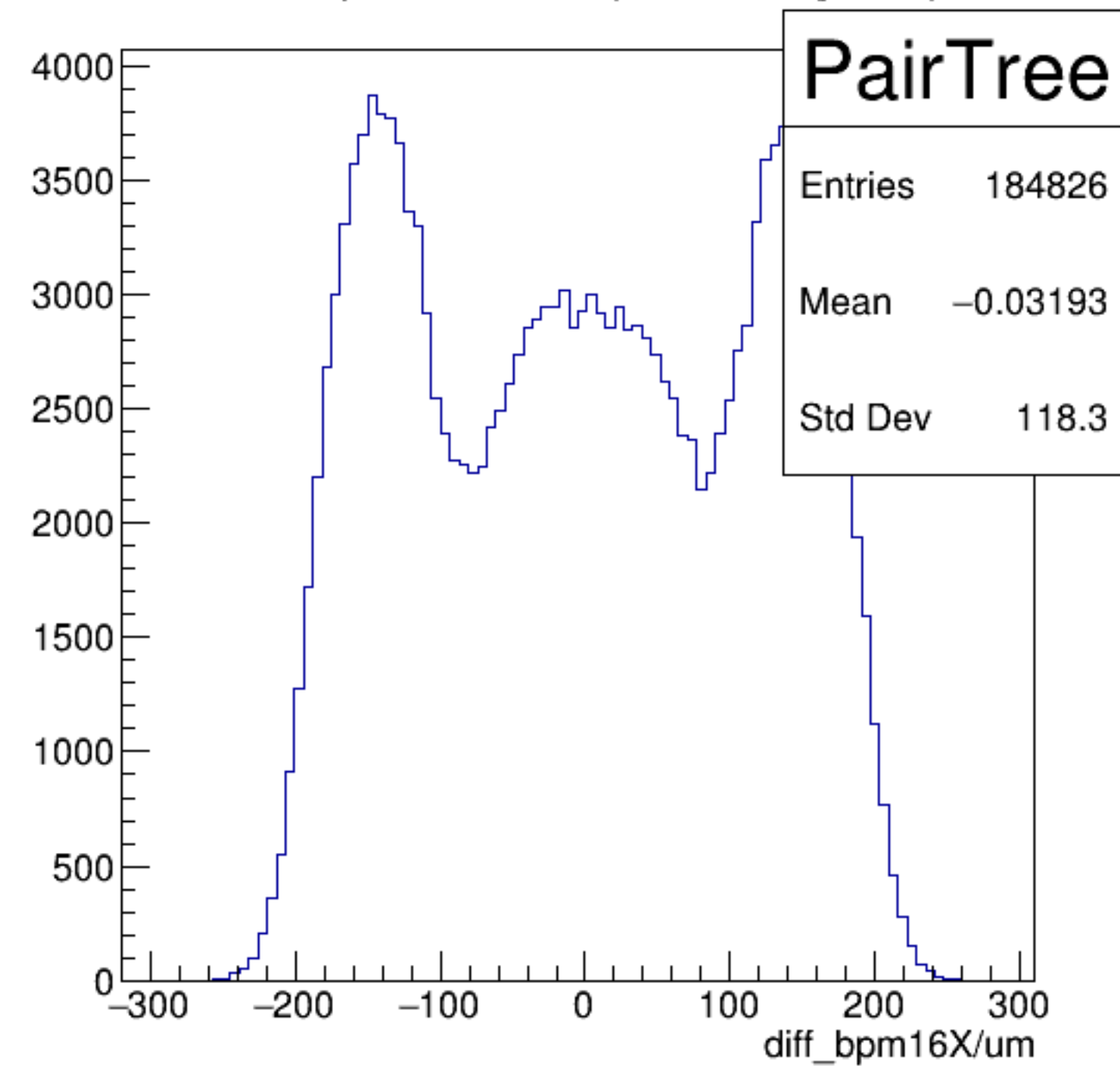
yield_bpm16X/mm {ErrorFlag==0}



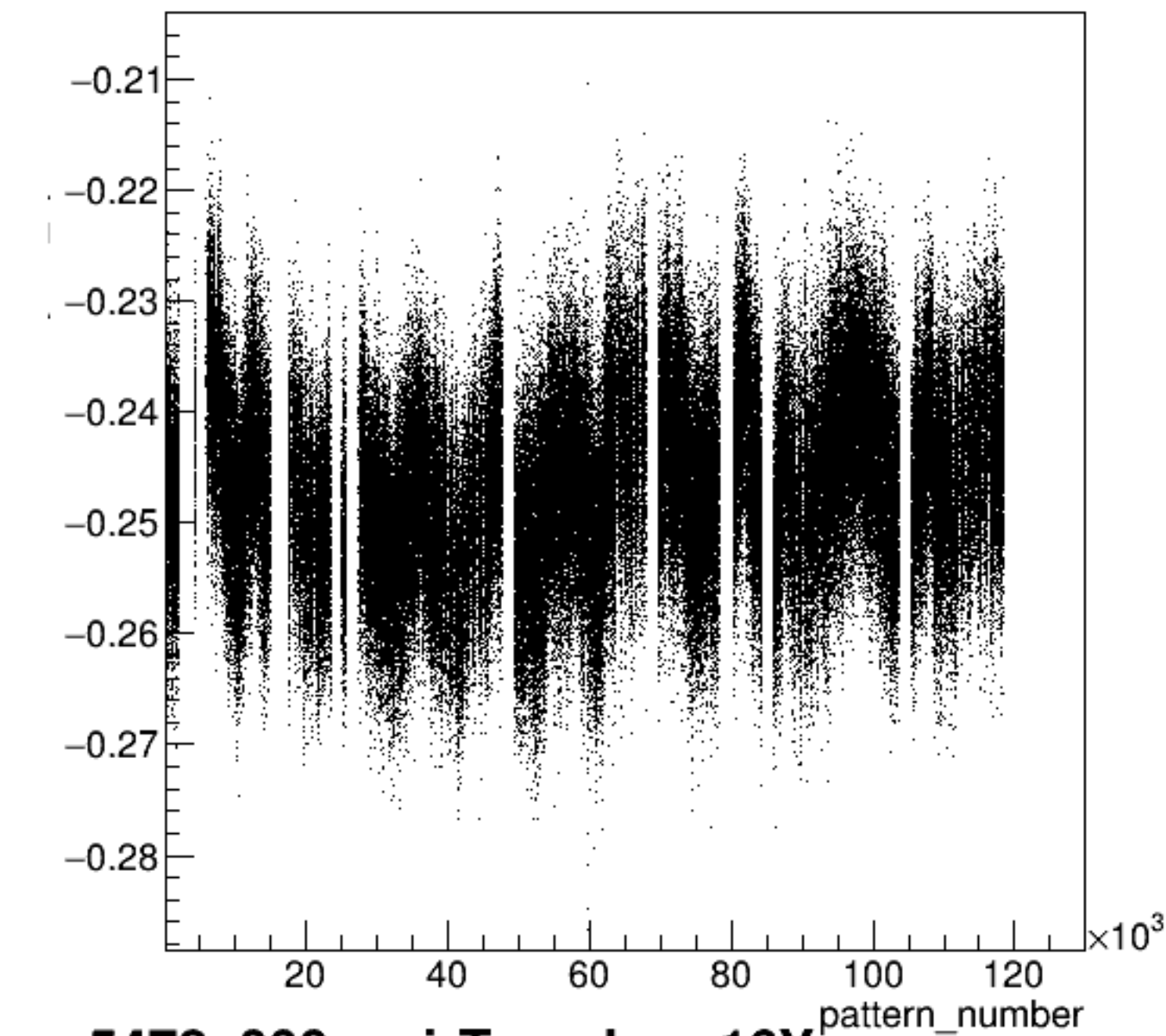
diff_bpm16X/um:pattern_number {ErrorFlag==0}



diff_bpm16X/um {ErrorFlag==0}

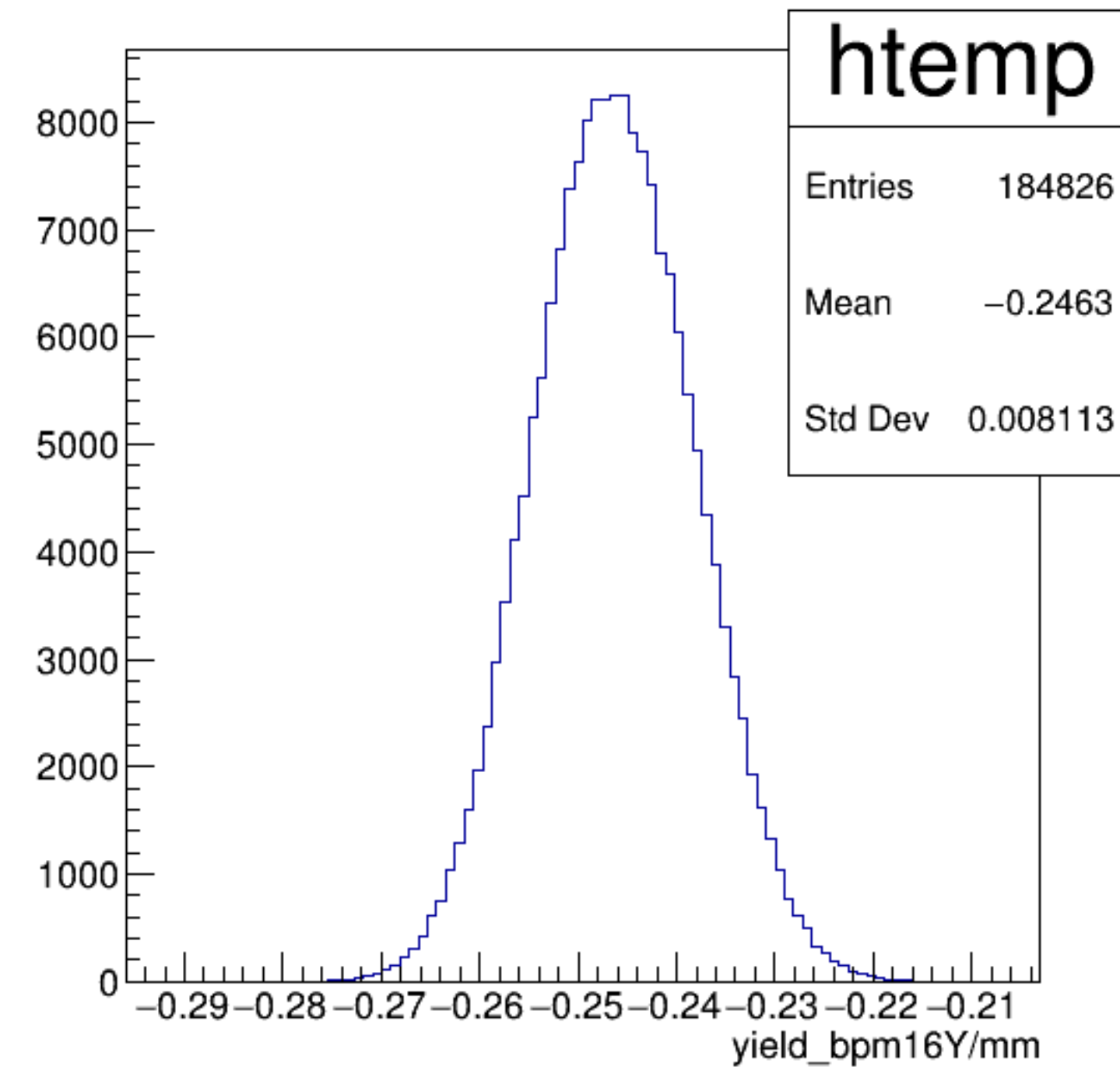


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

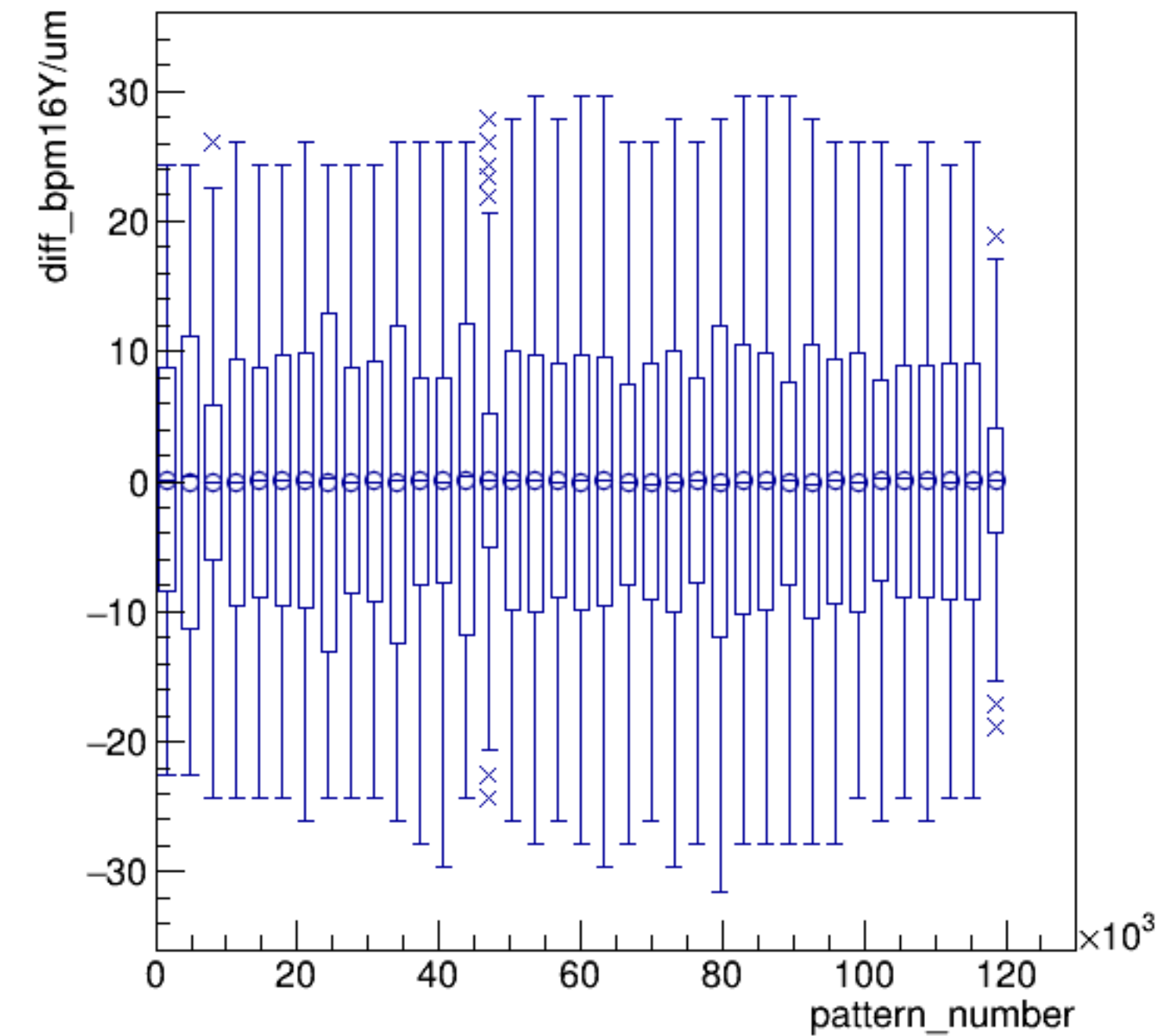


run5472_000_pairTree_bpm16Y.png

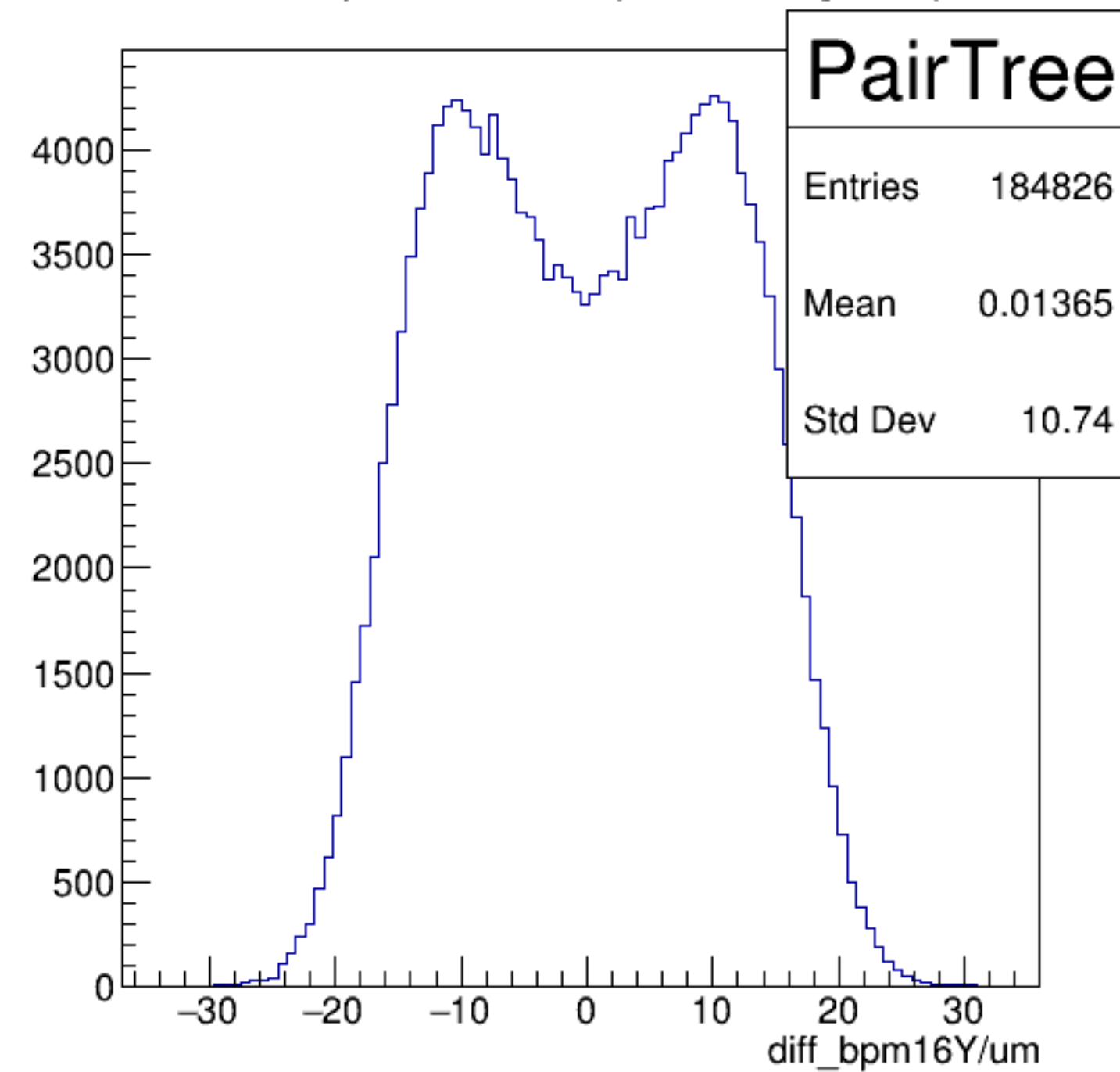
yield_bpm16Y/mm {ErrorFlag==0}



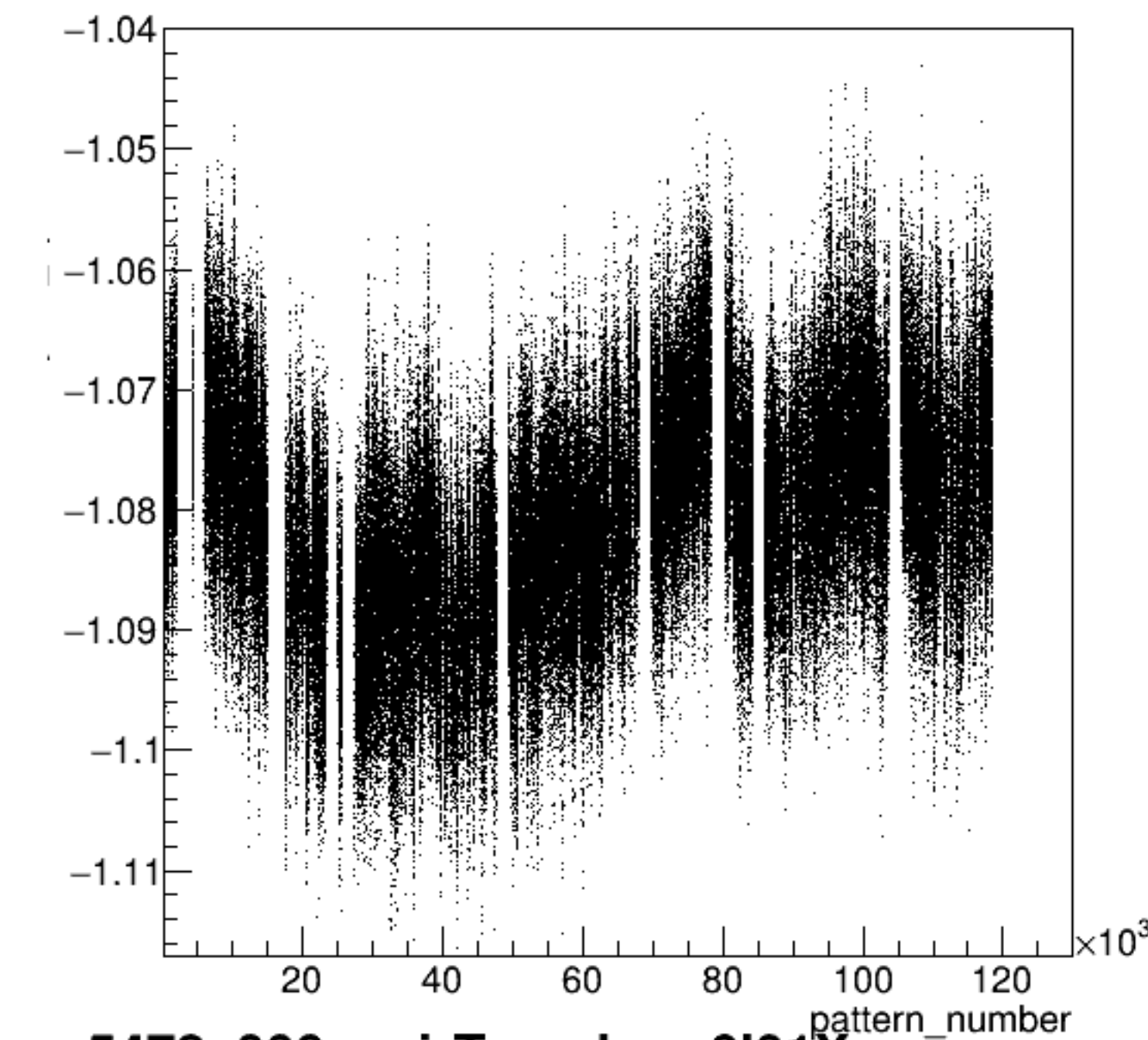
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



diff_bpm16Y/um {ErrorFlag==0}

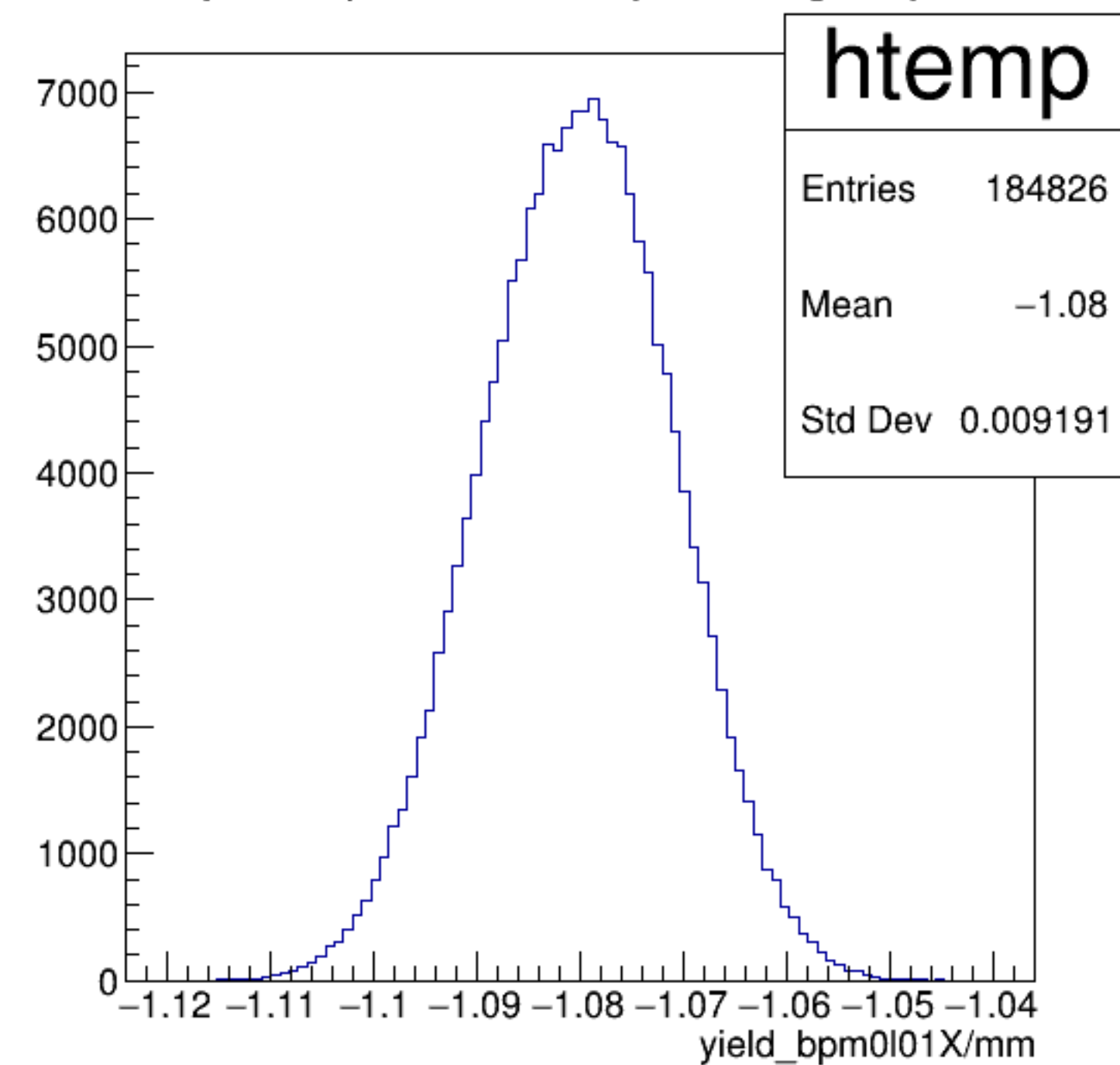


yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}

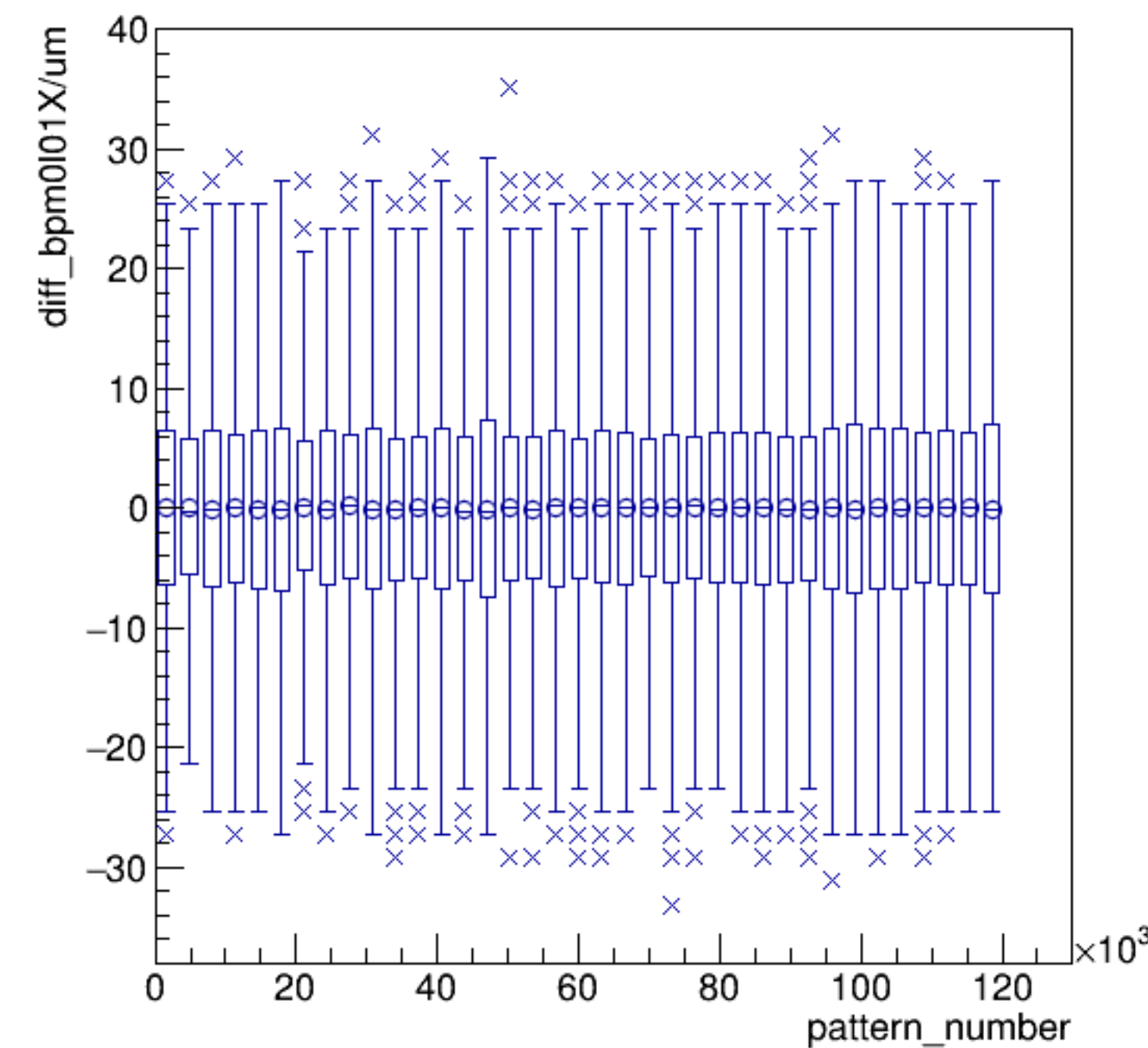


run5472_000_pairTree_bpm0l01X.png

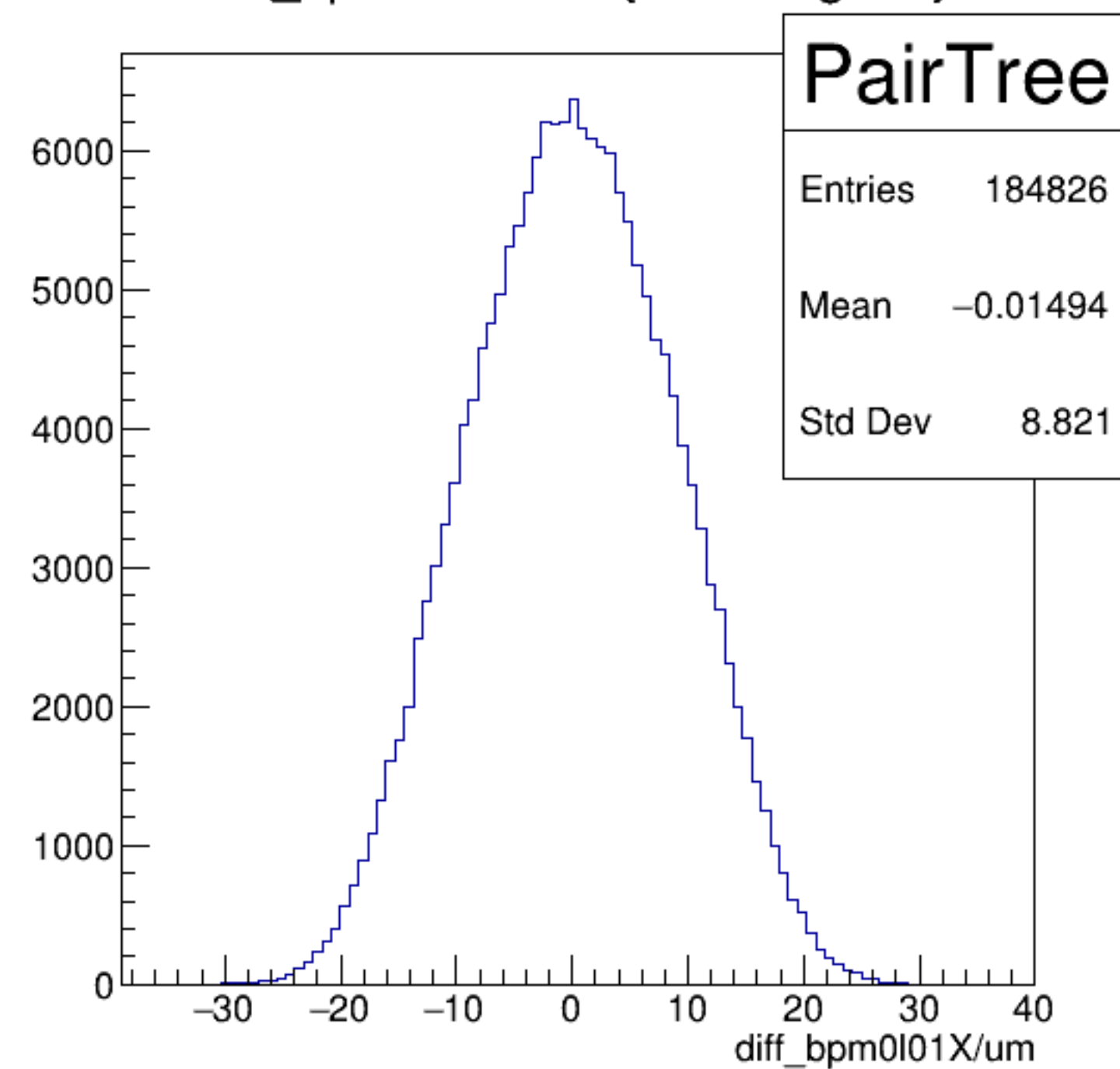
yield_bpm0l01X/mm {ErrorFlag==0}



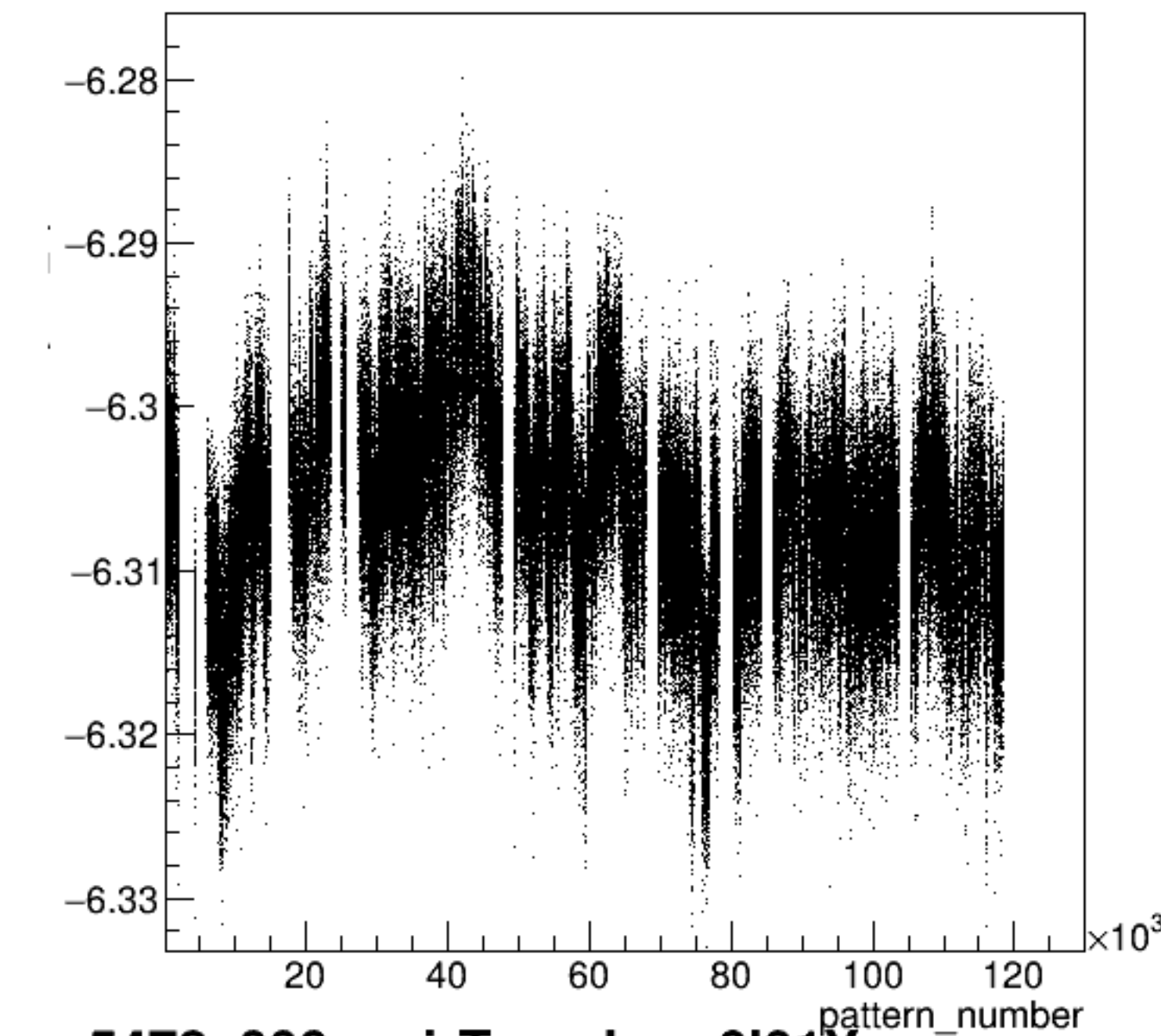
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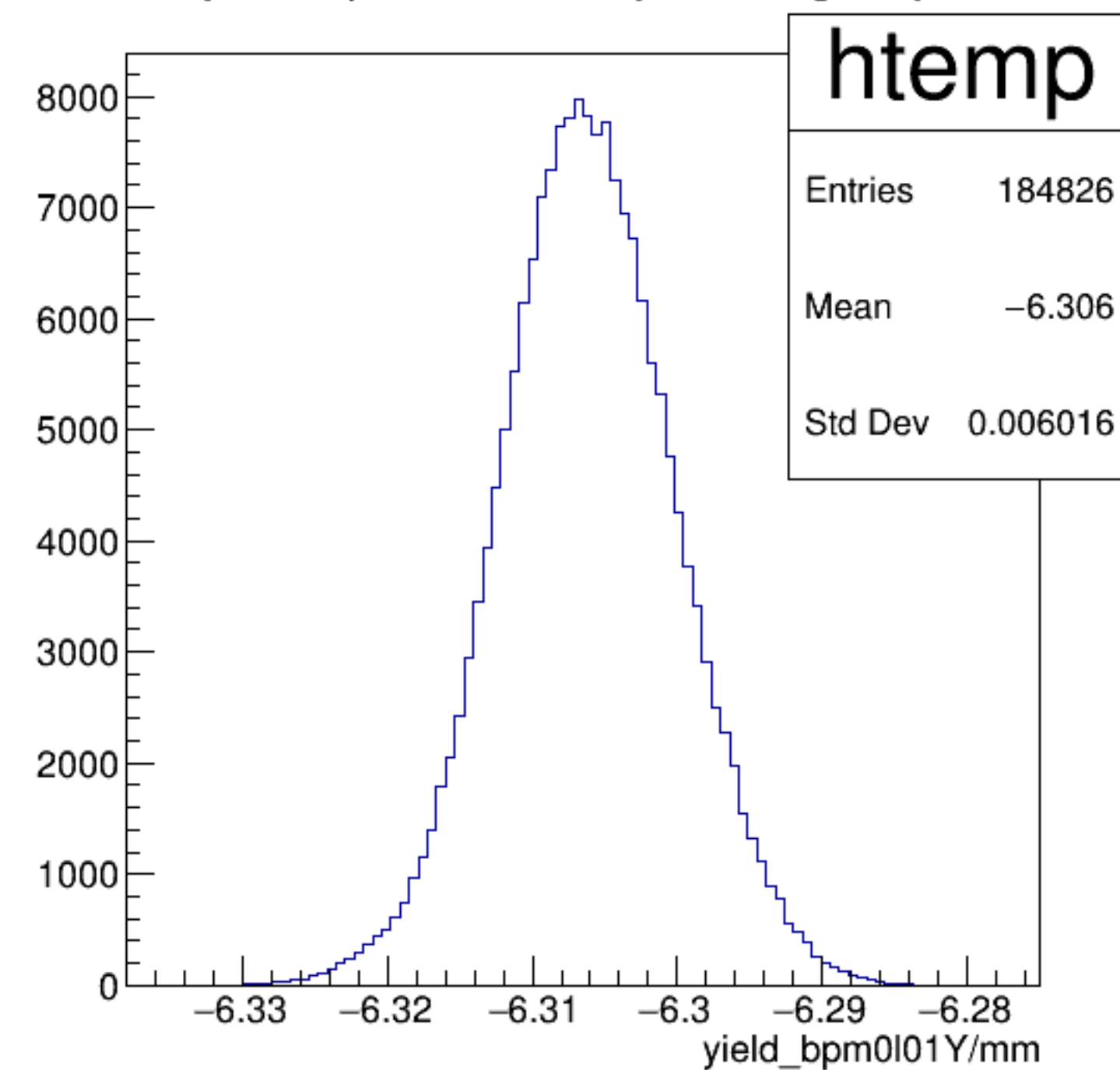
diff_bpm0l01X/um {ErrorFlag==0}



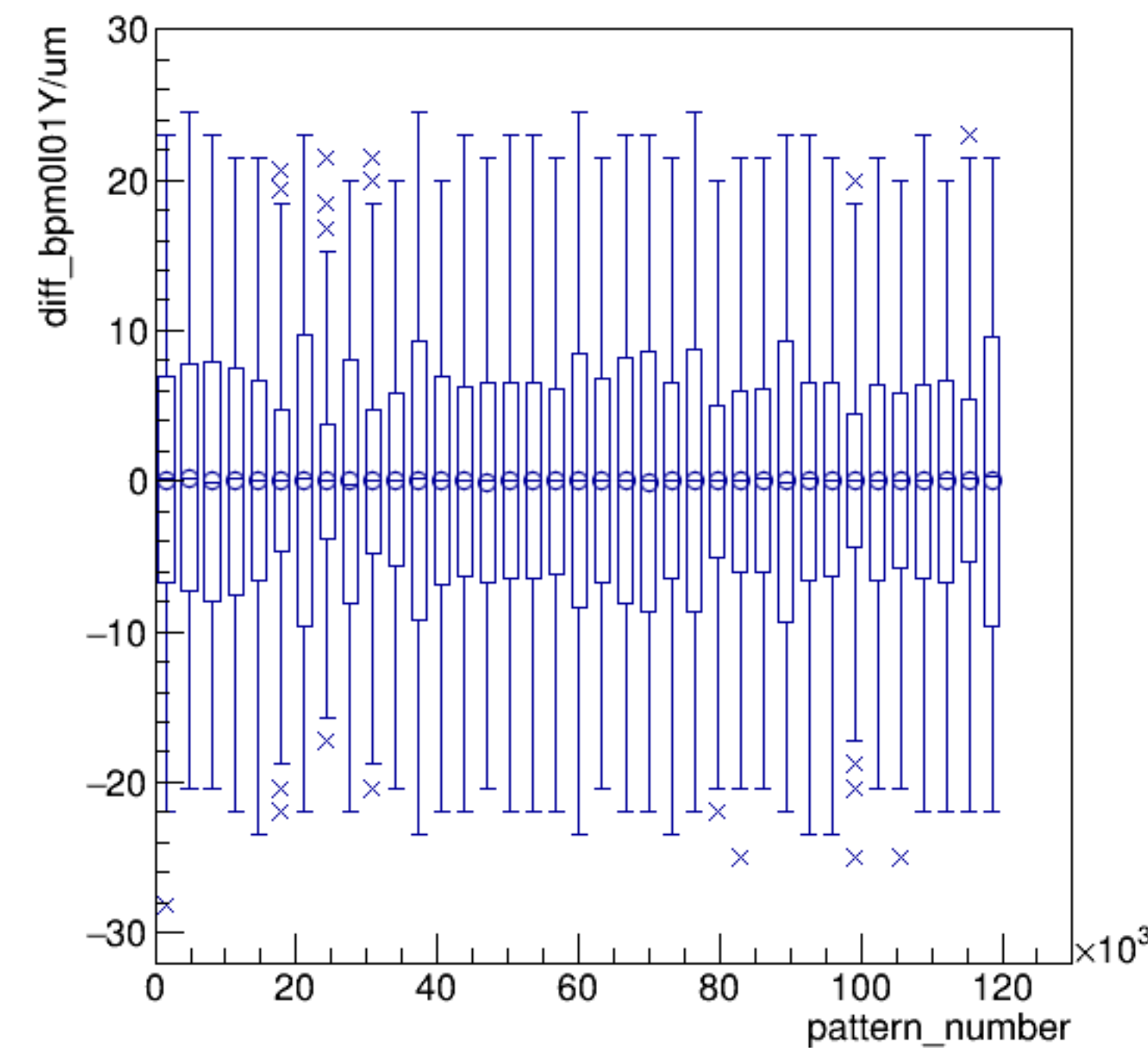
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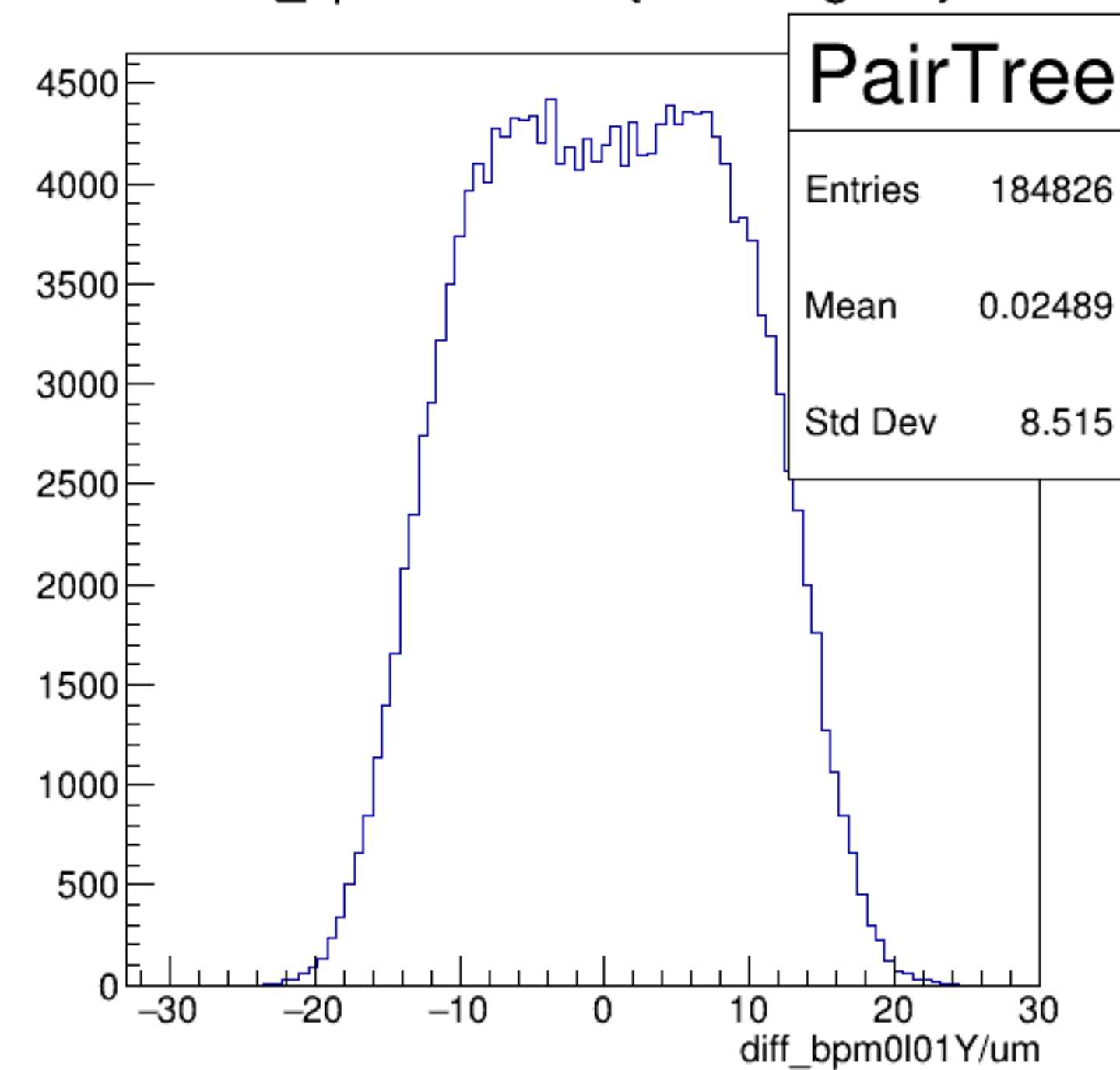
yield_bpm0l01Y/mm {ErrorFlag==0}



diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}

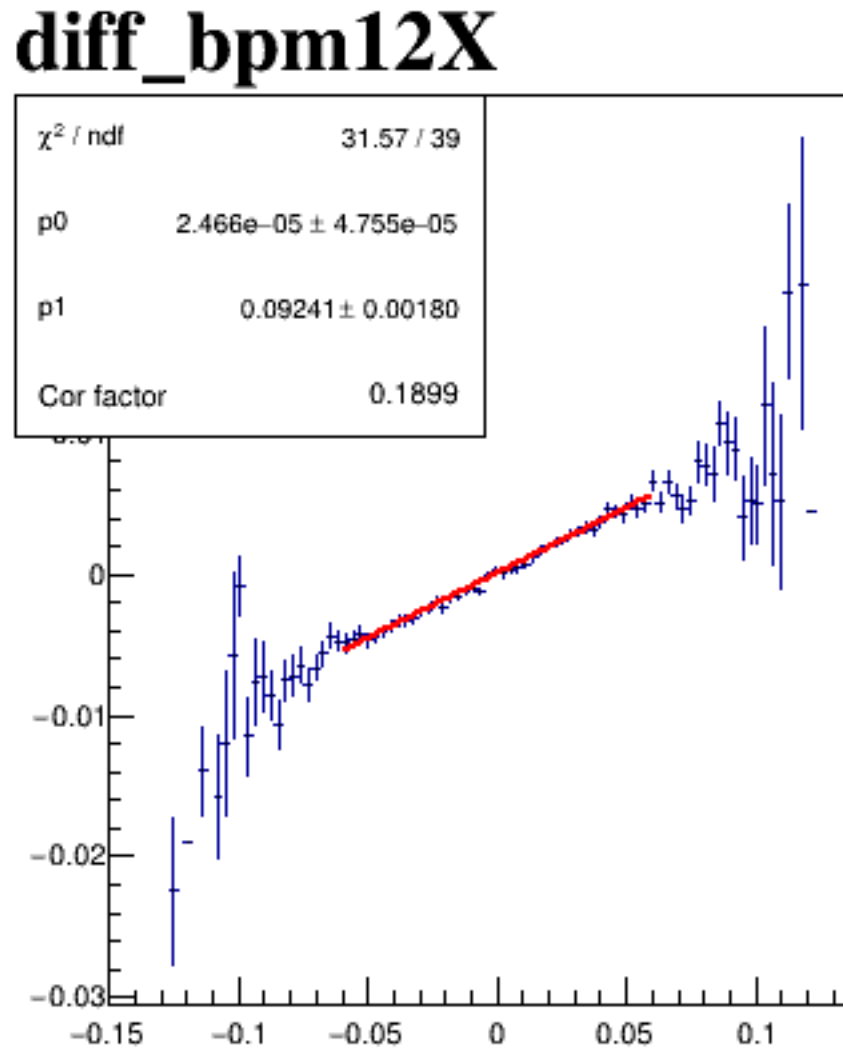
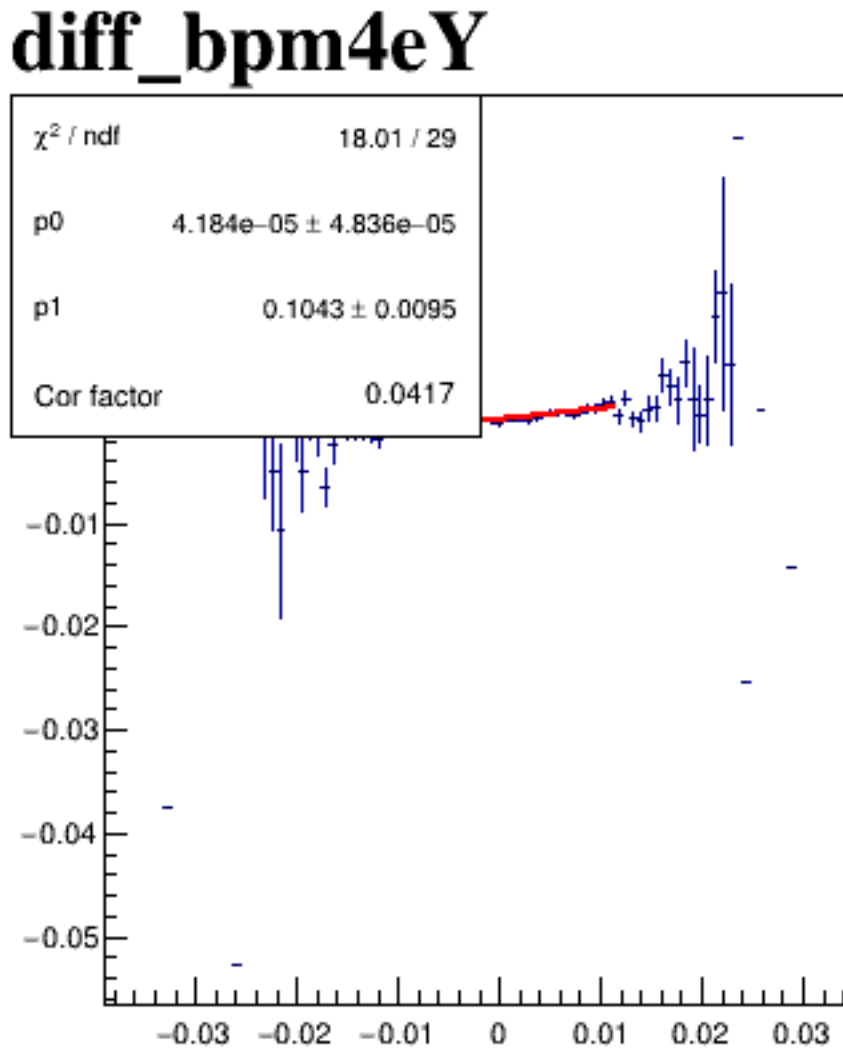
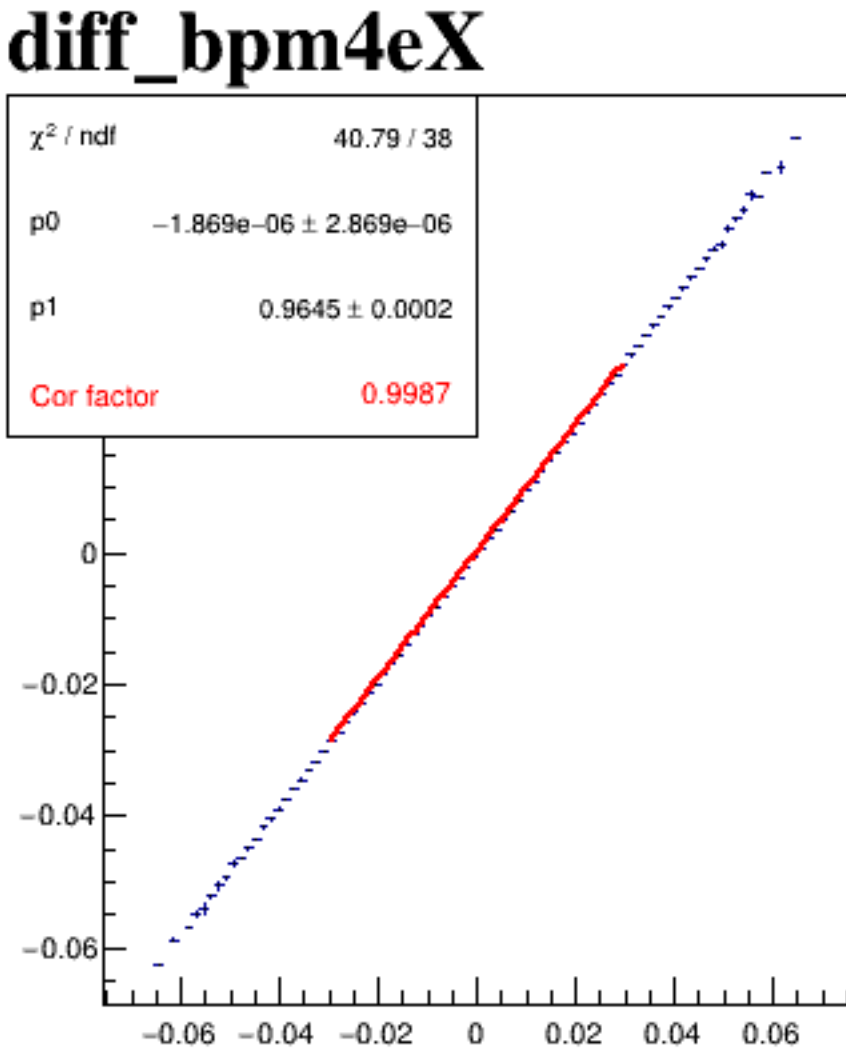
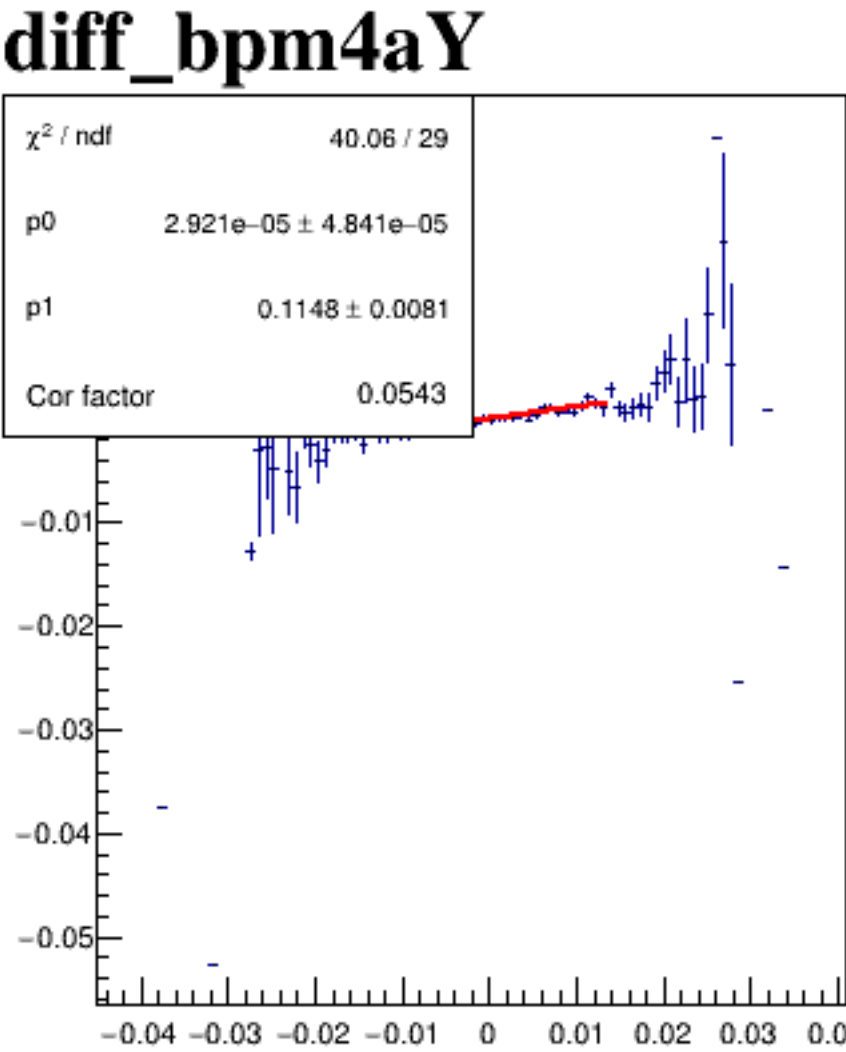
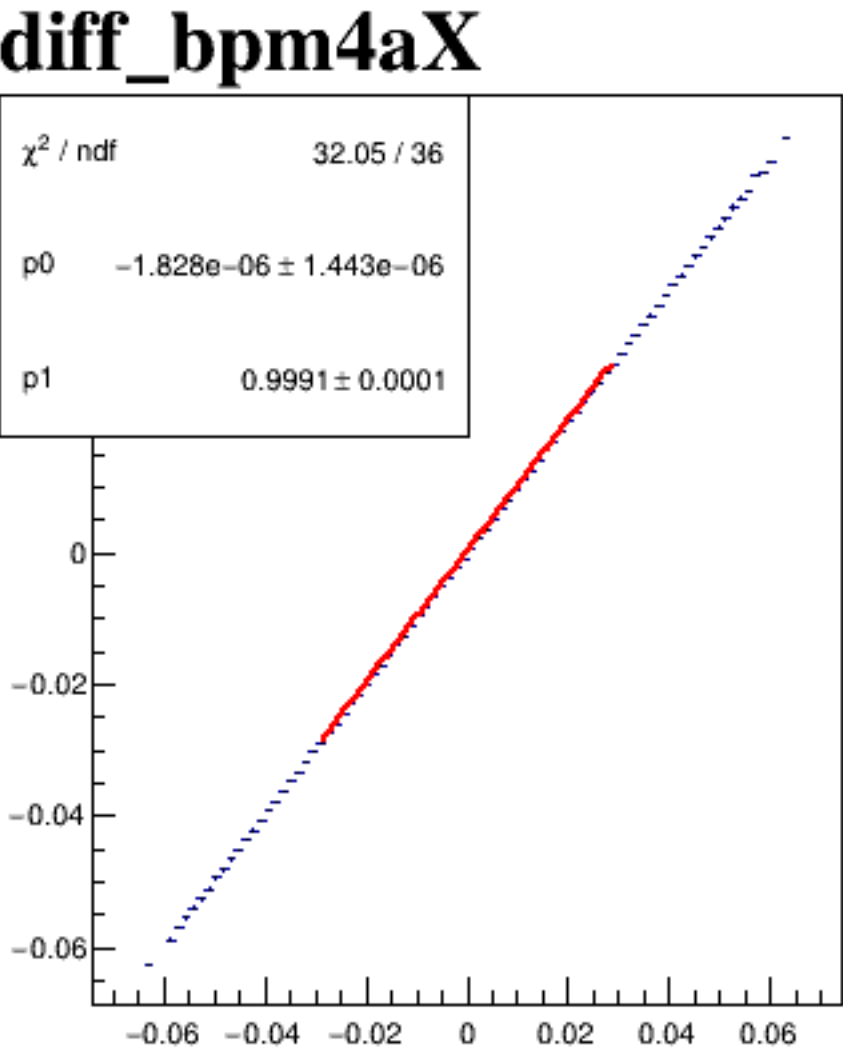


diff_bpm0l01Y/um {ErrorFlag==0}

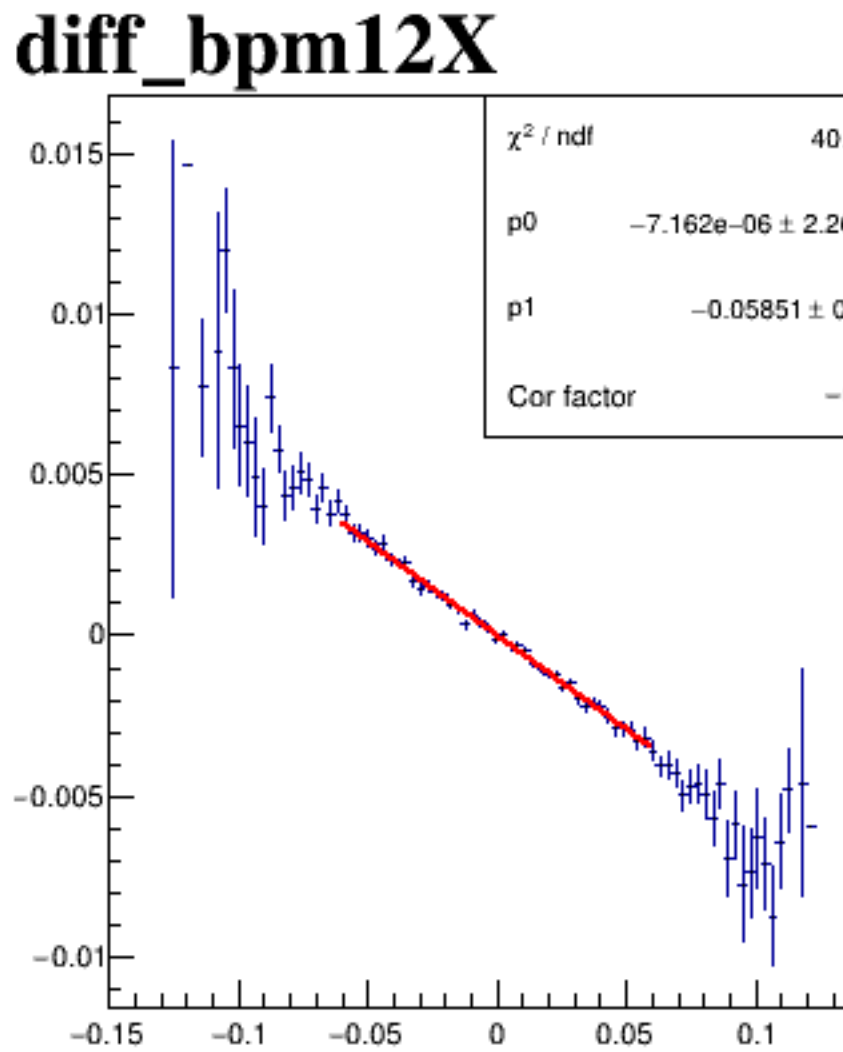
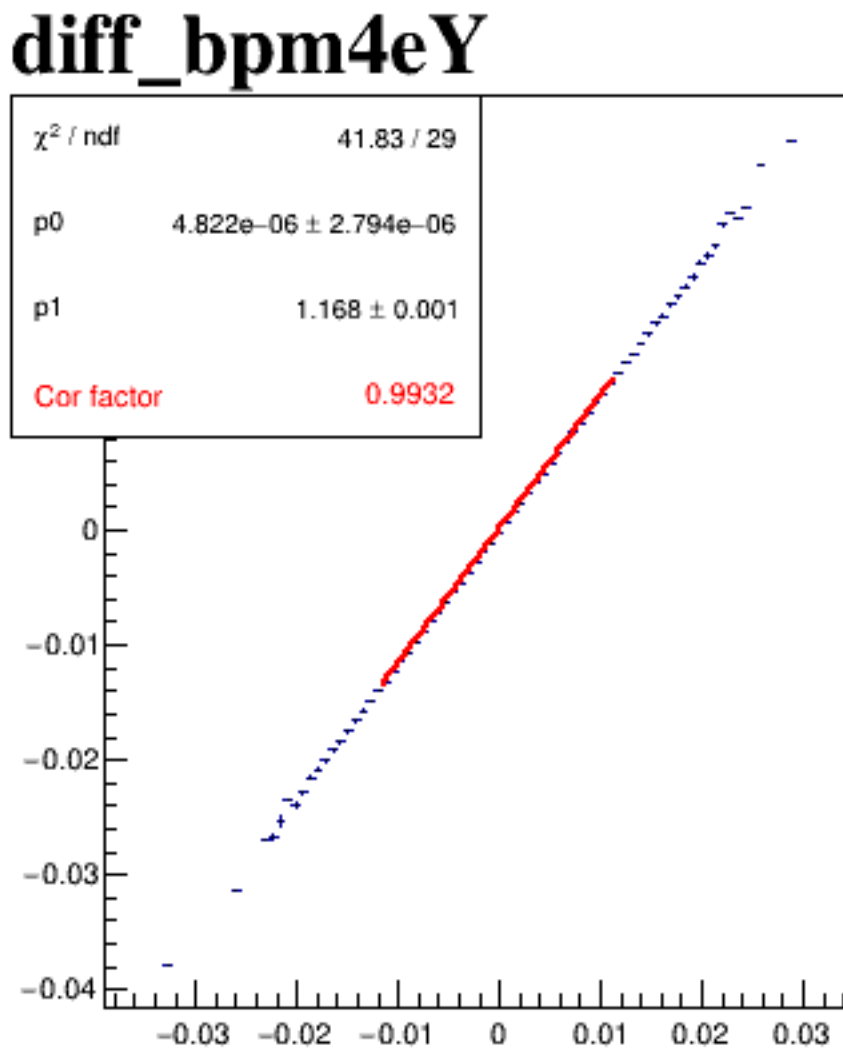
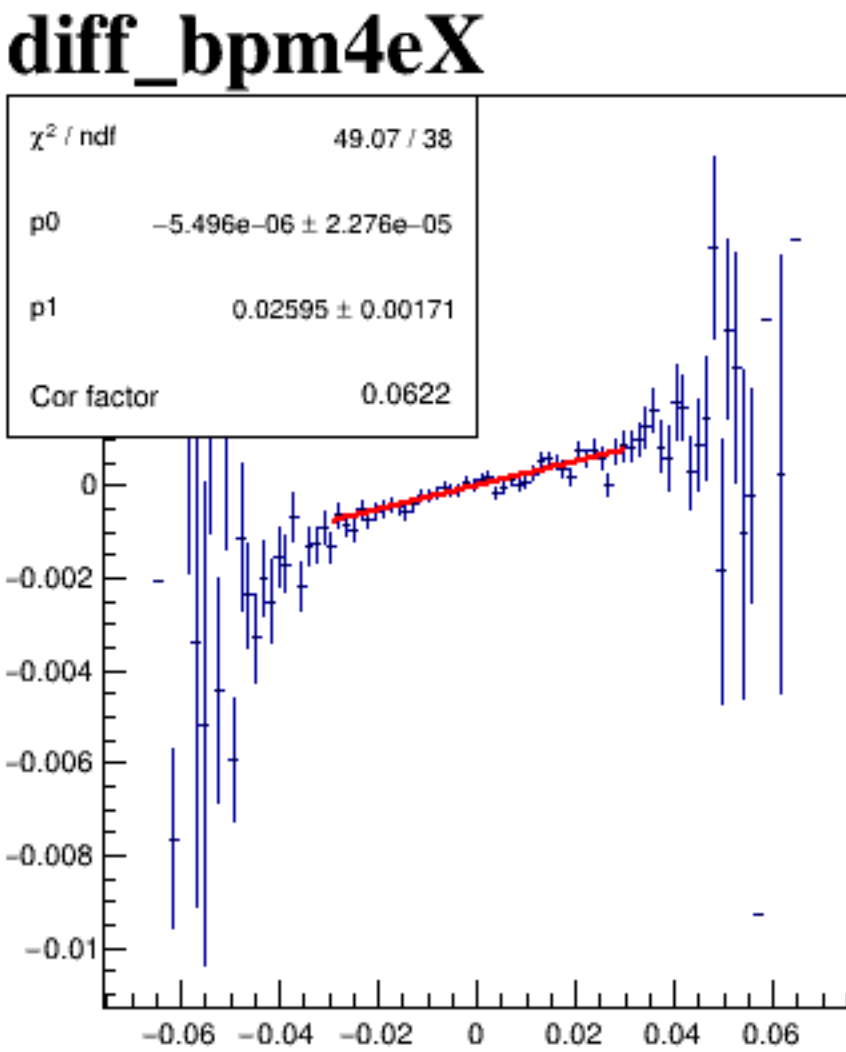
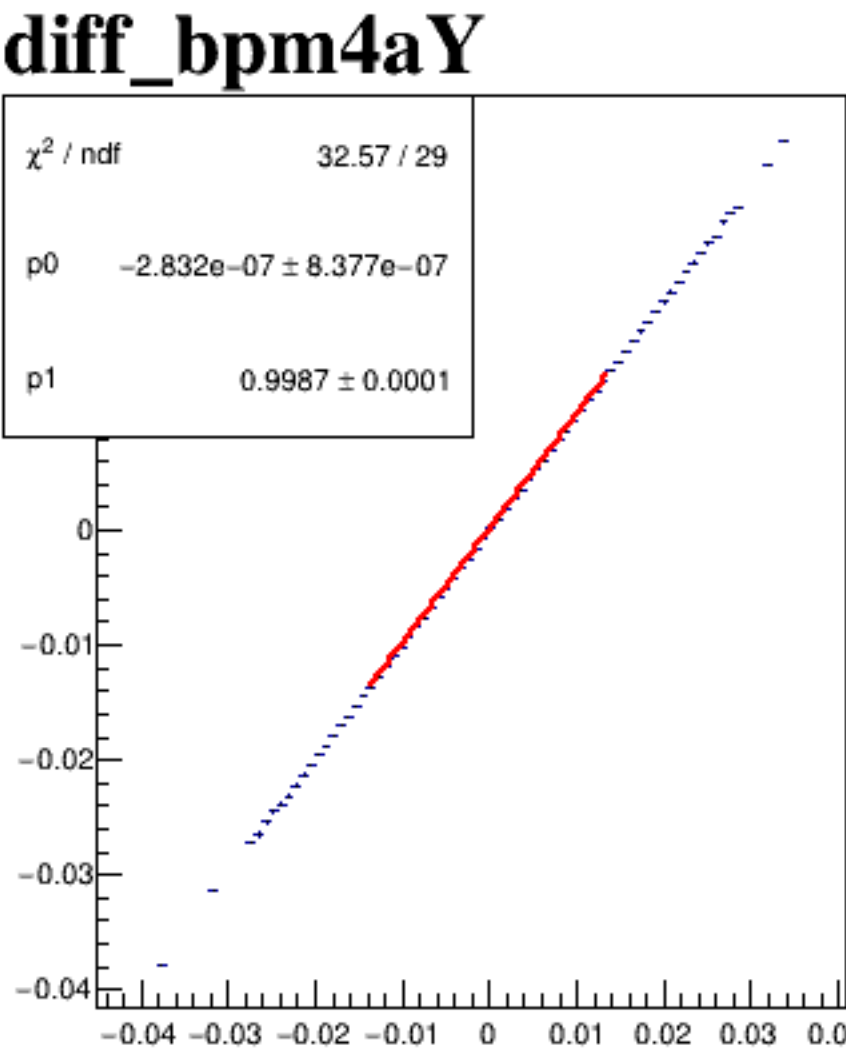
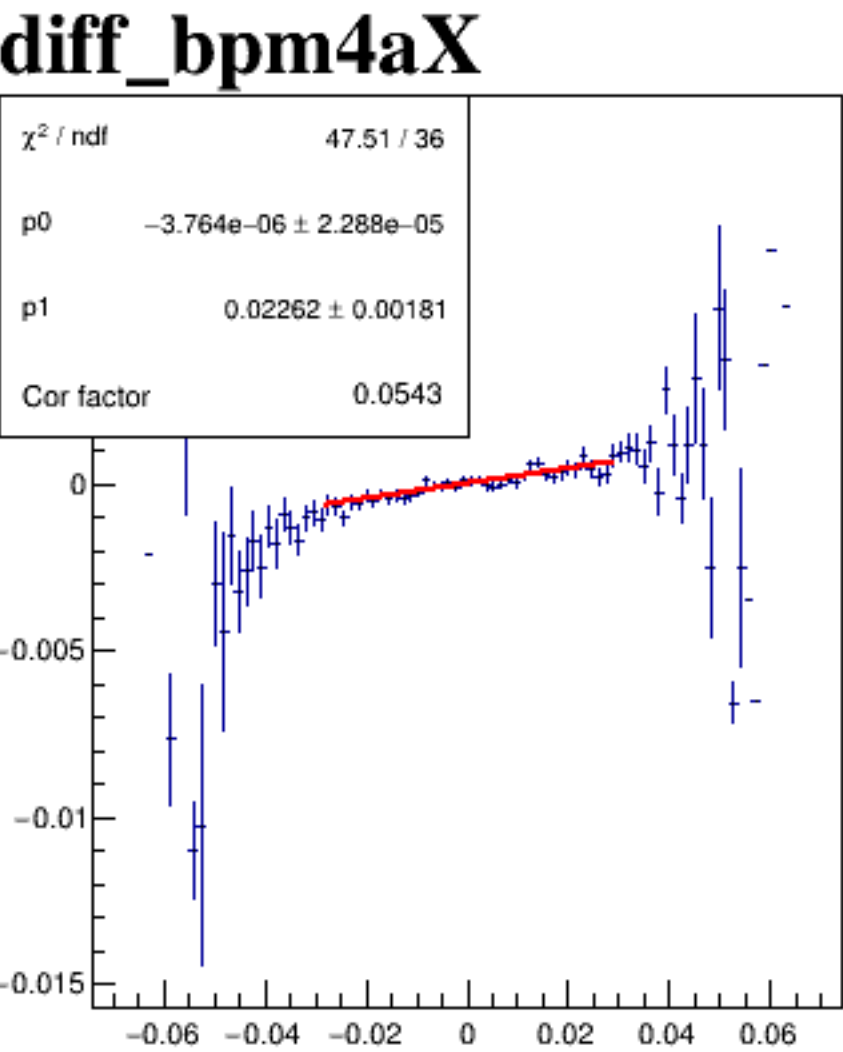


run5472_000_diff_bpm_mutual_correlation_COLZ_default.png

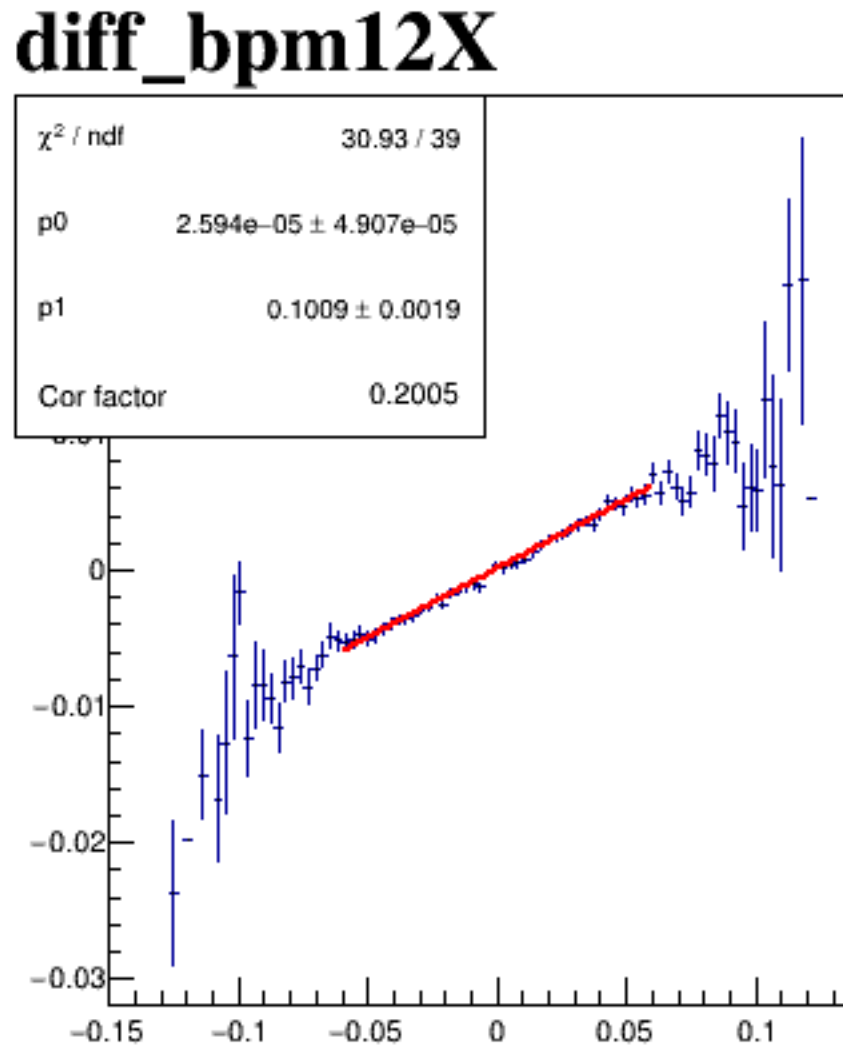
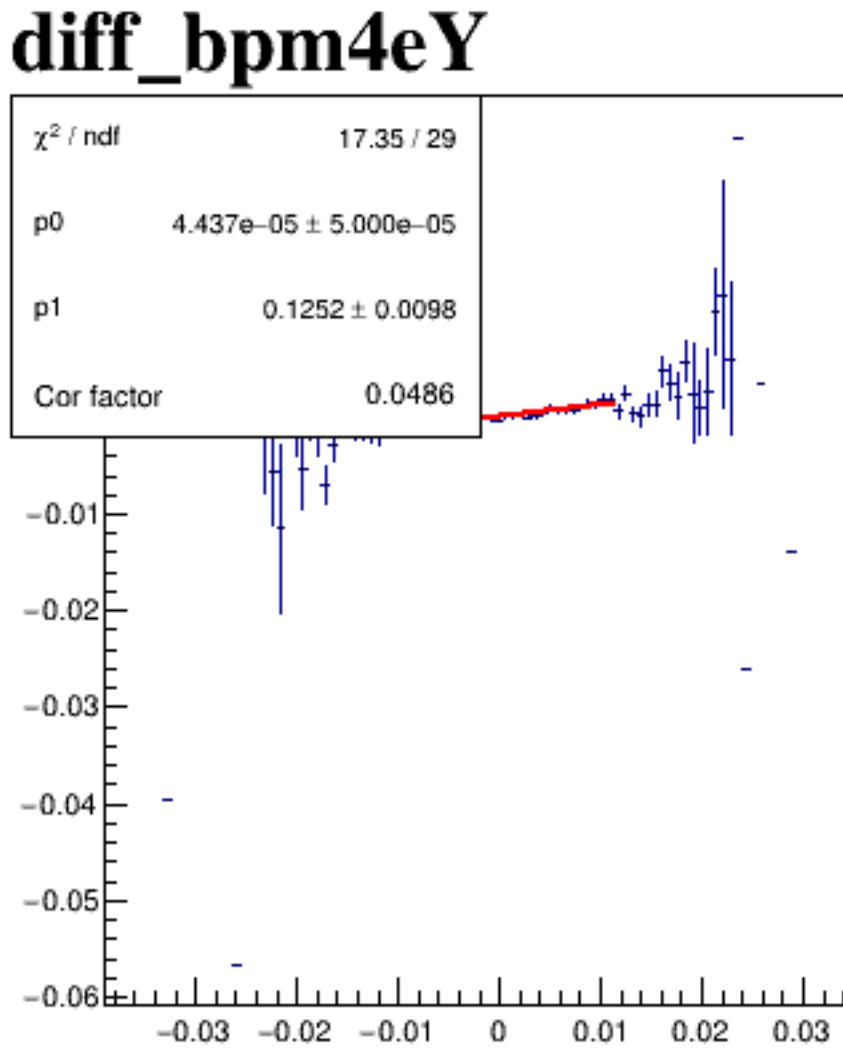
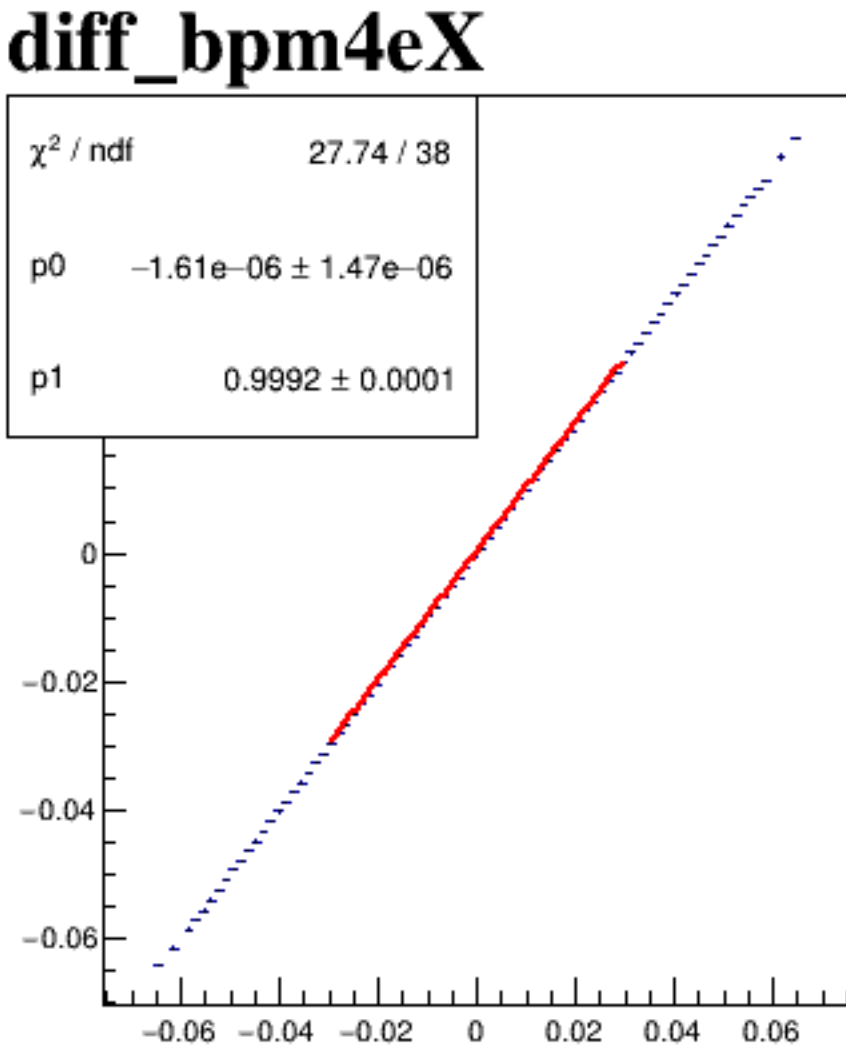
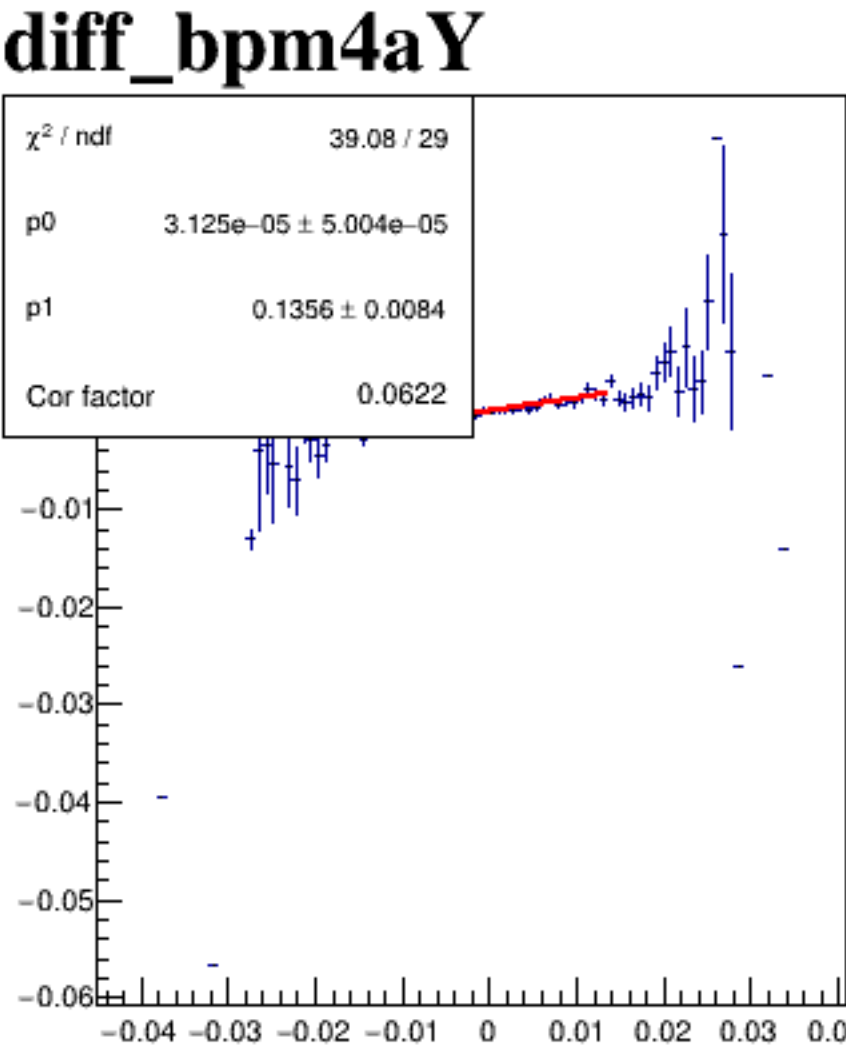
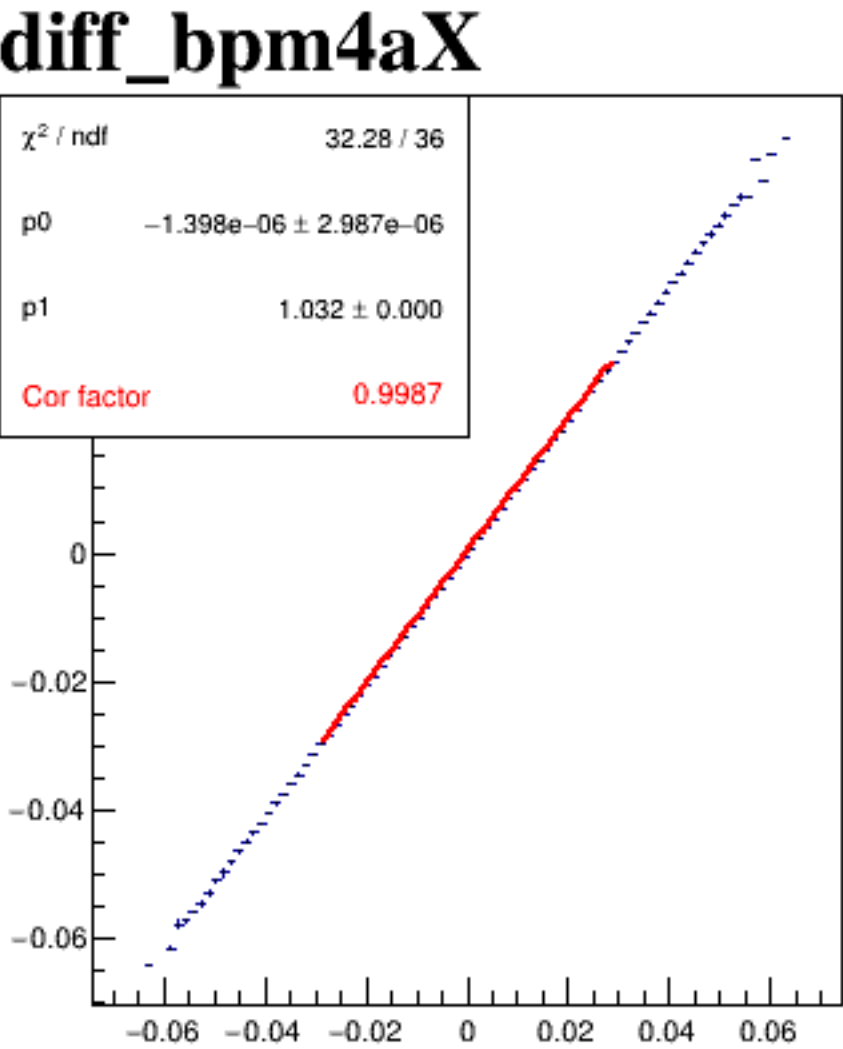
diff_bpm4aX



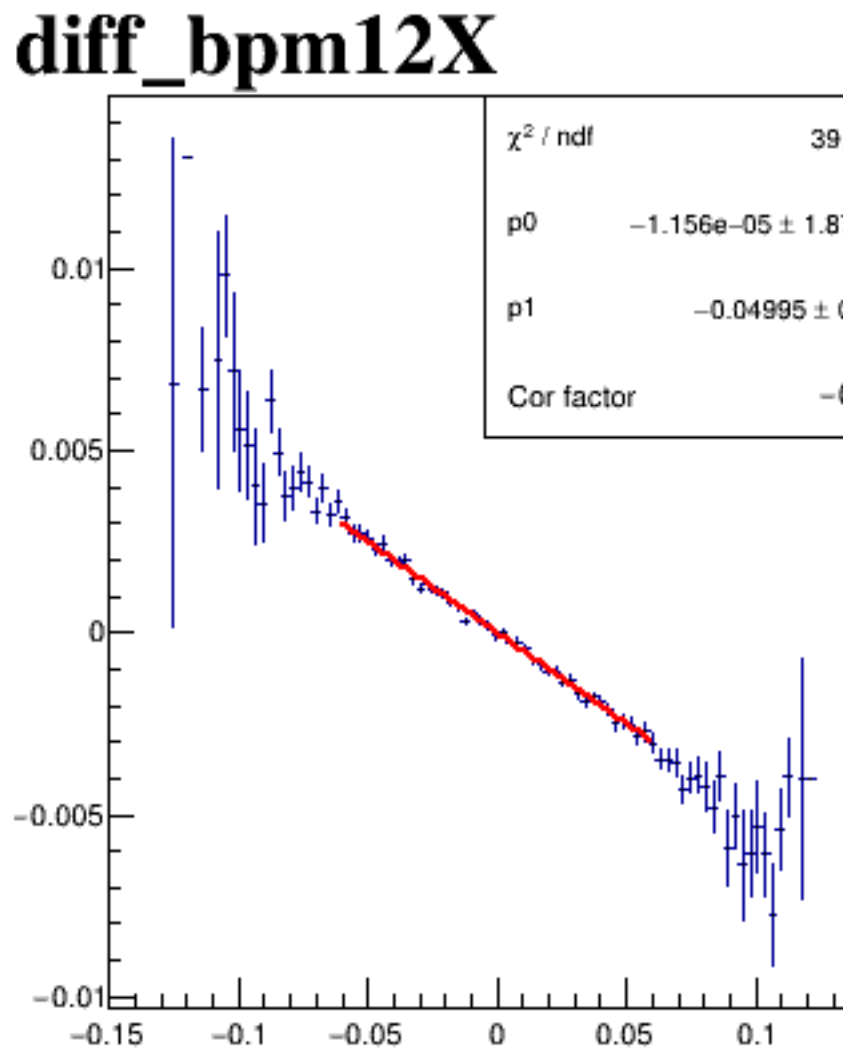
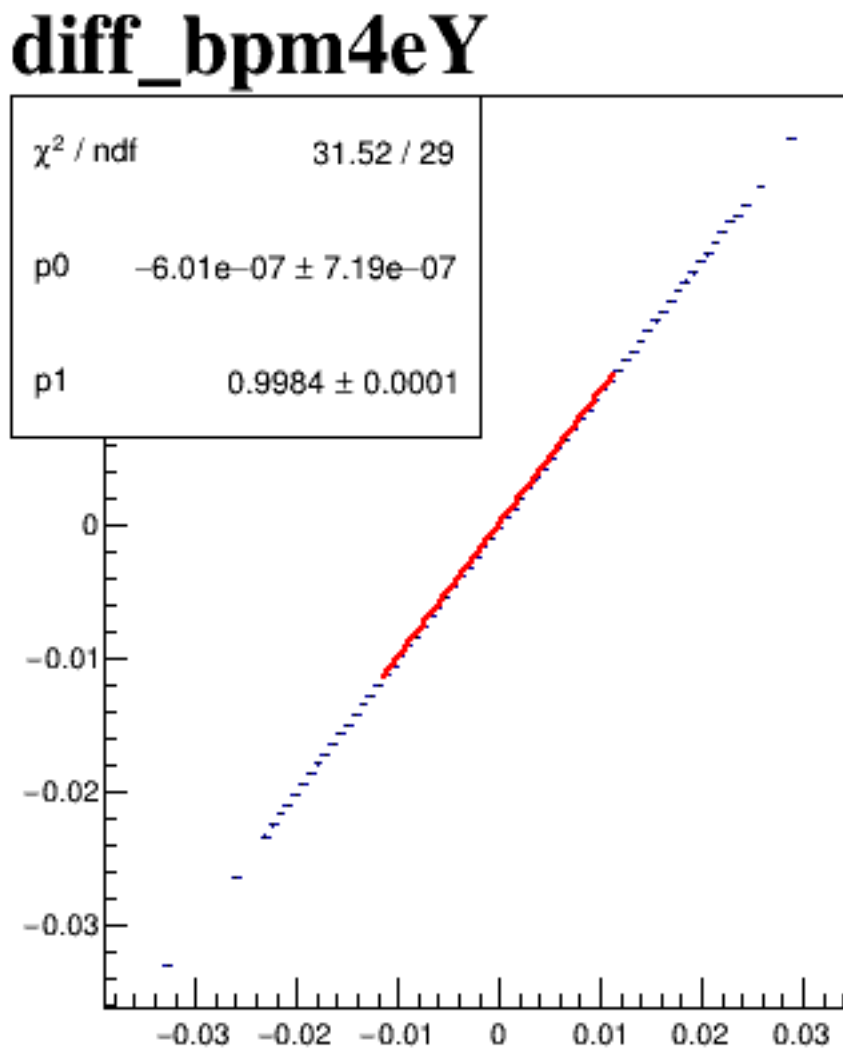
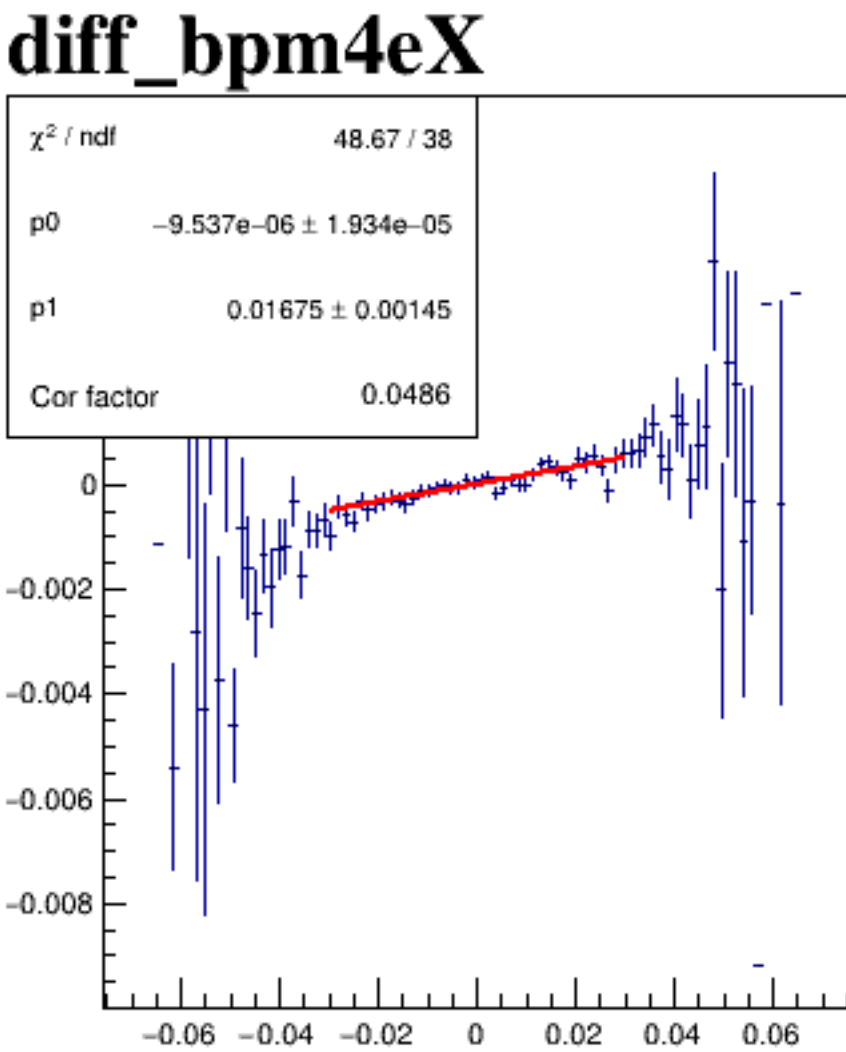
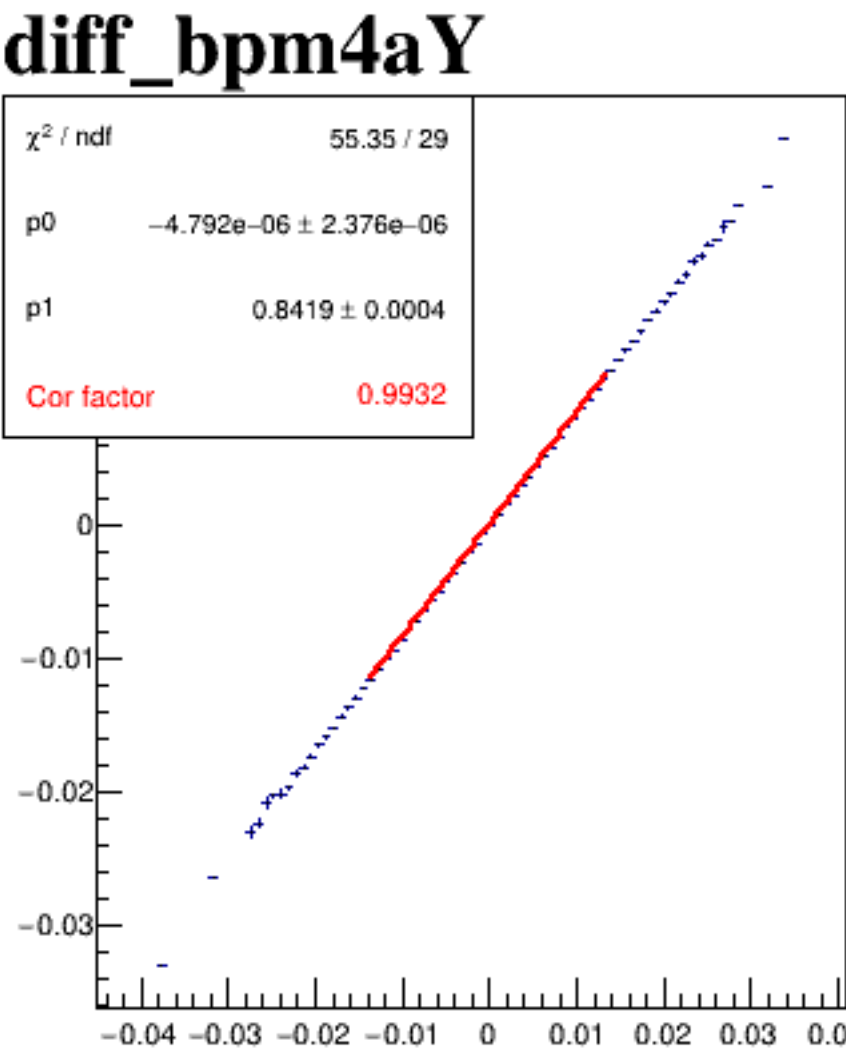
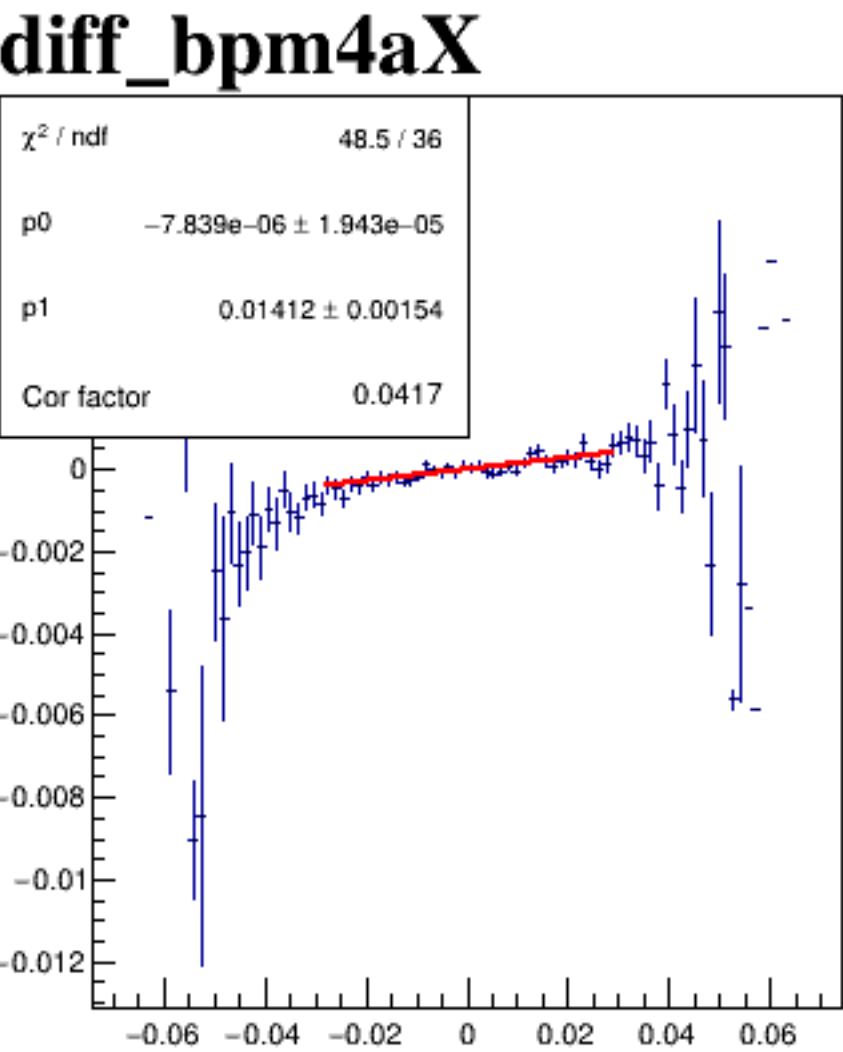
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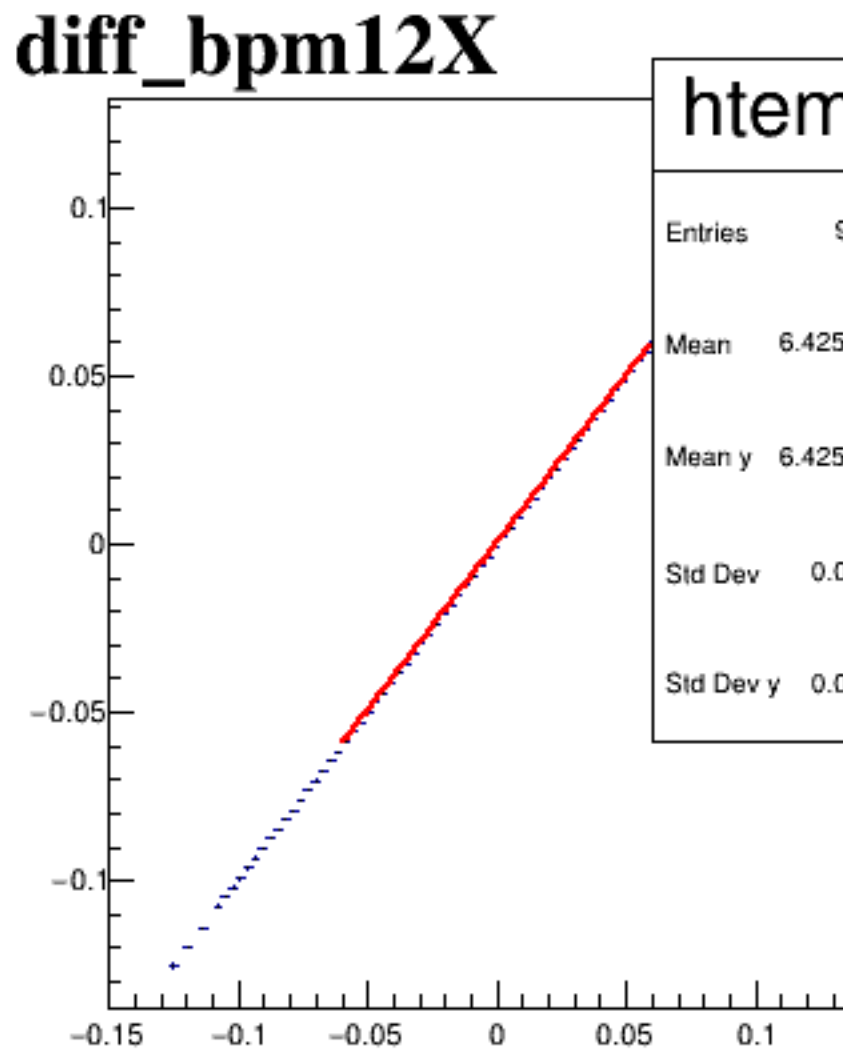
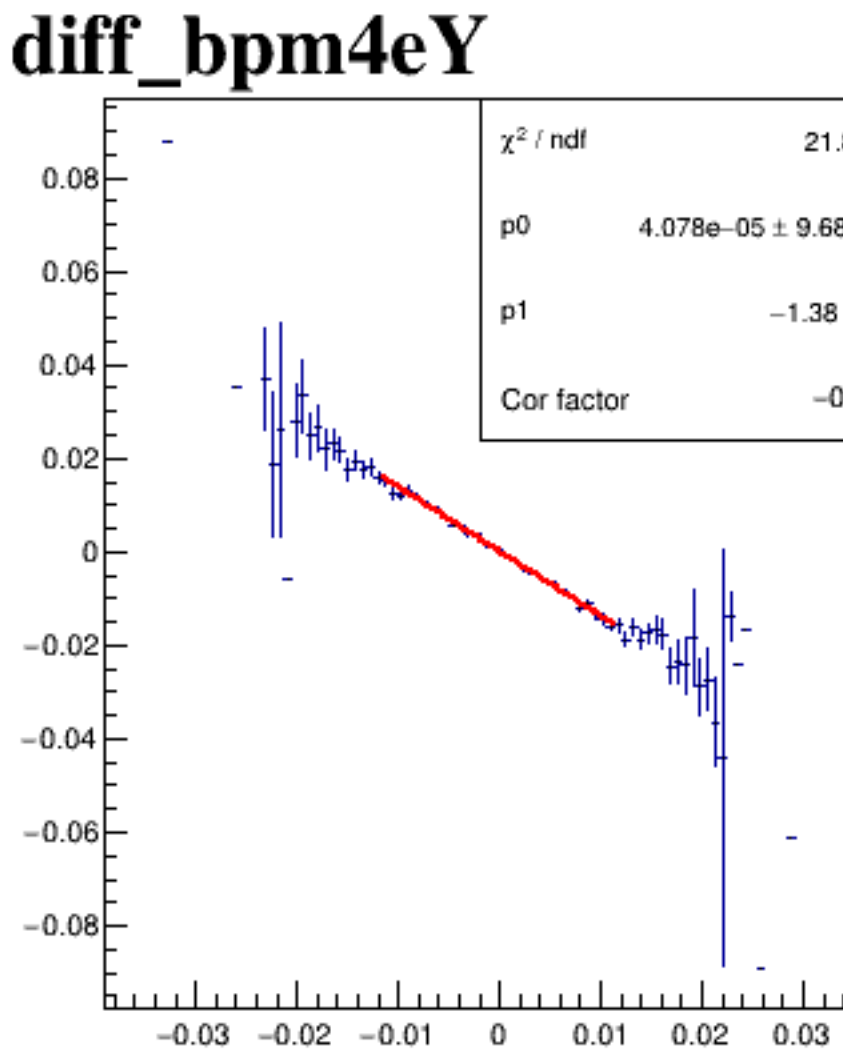
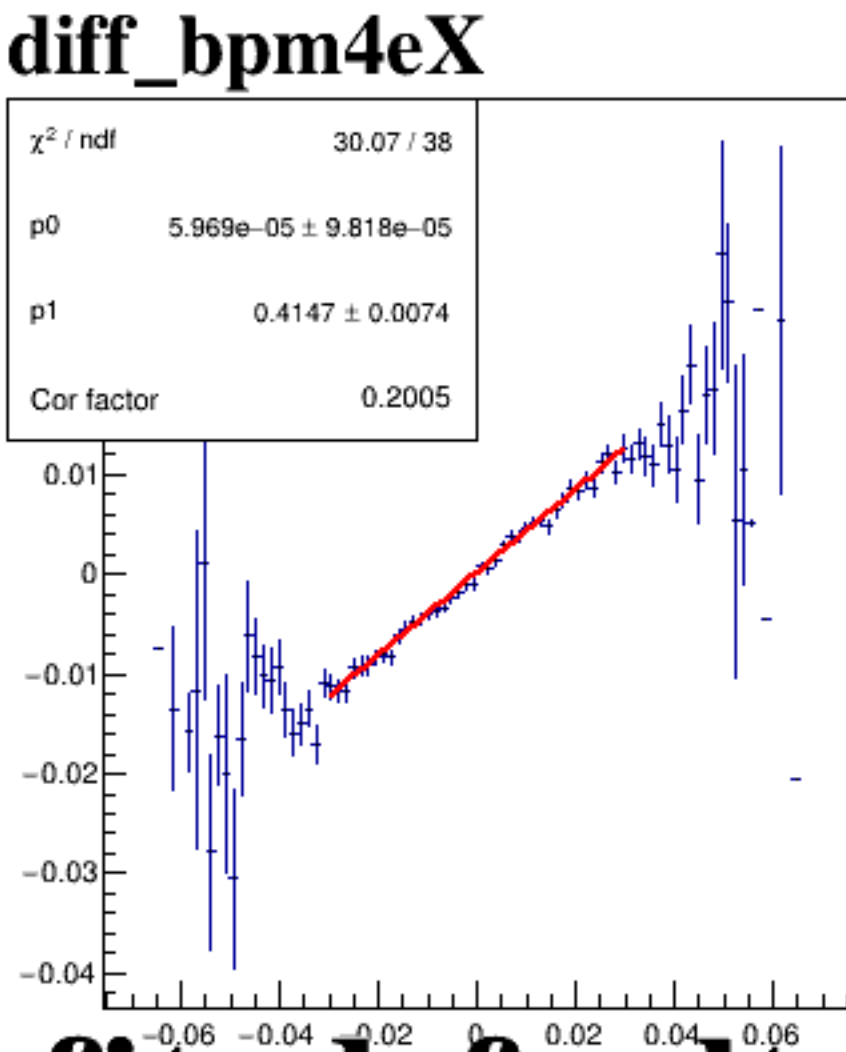
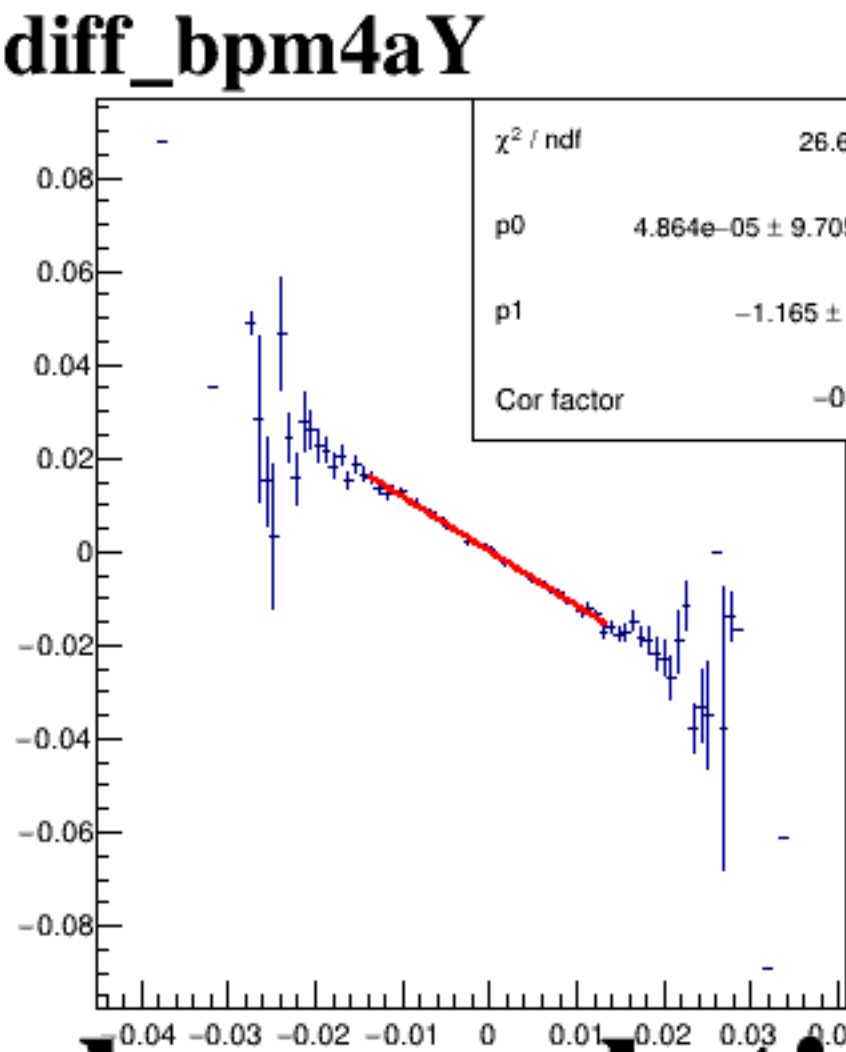
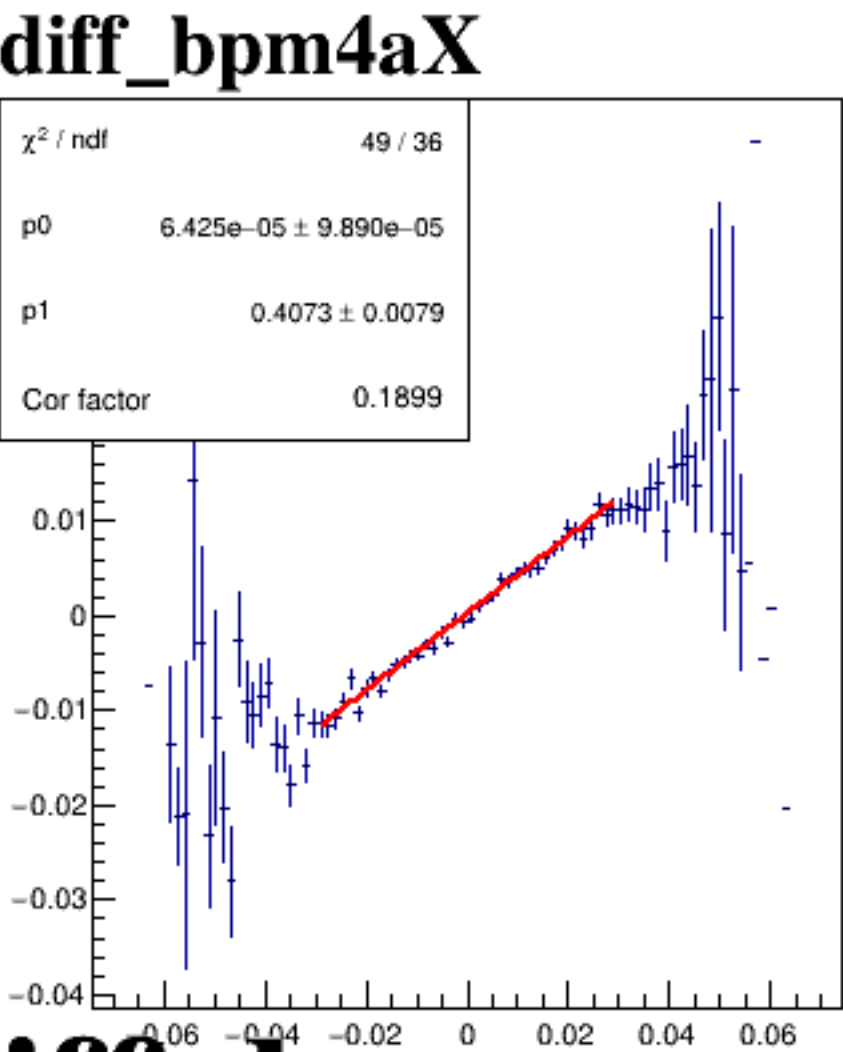
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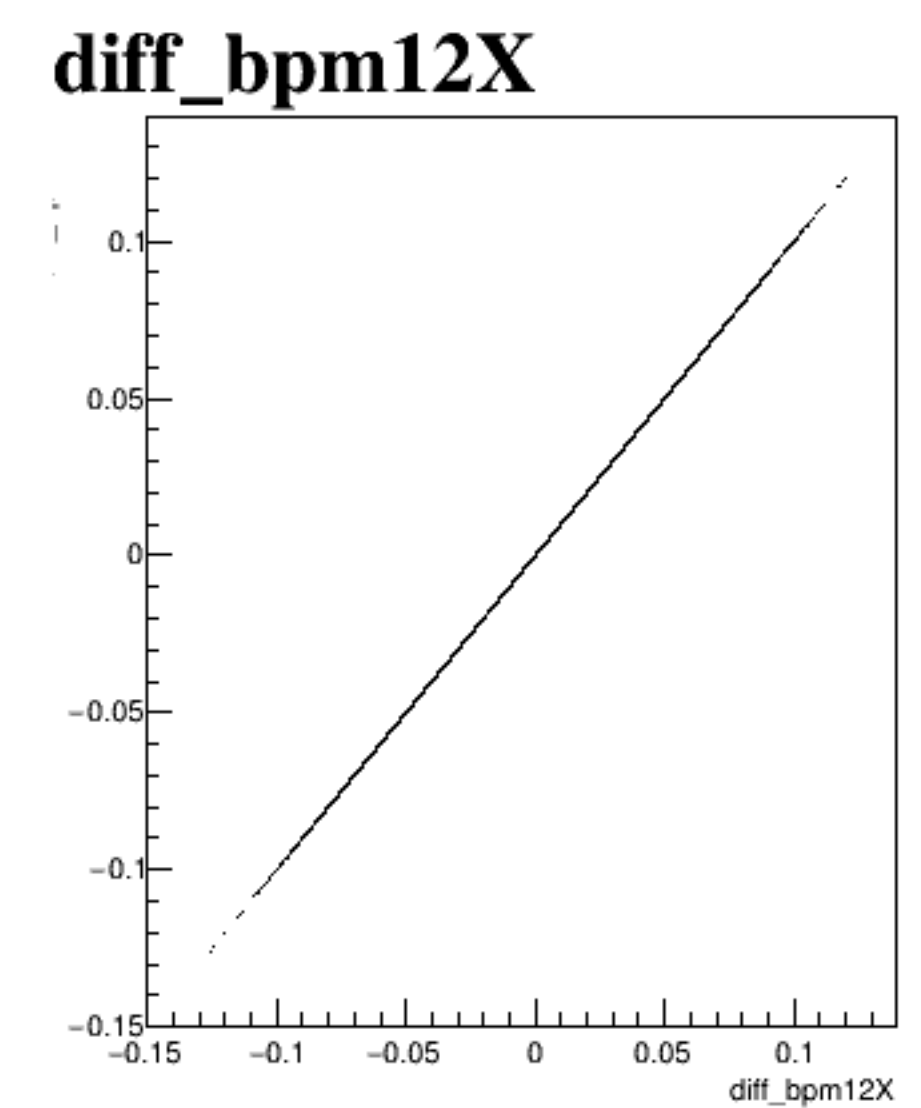
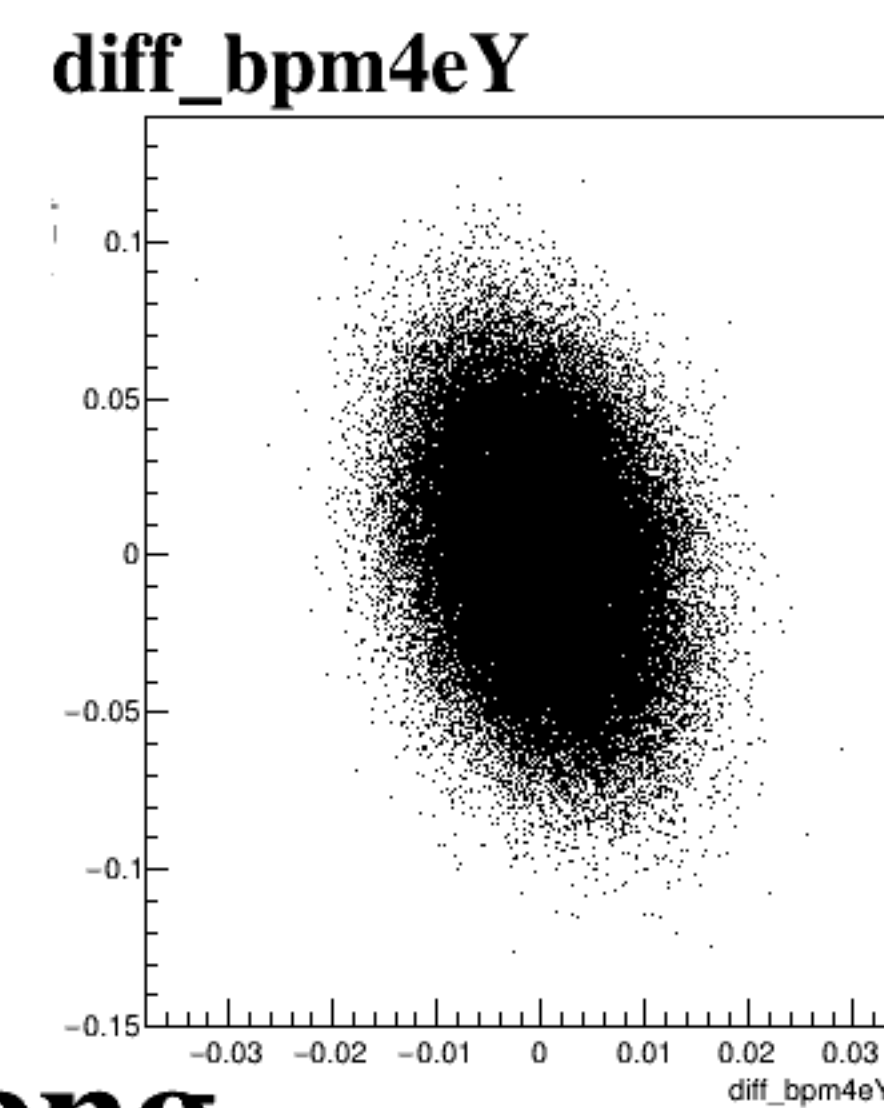
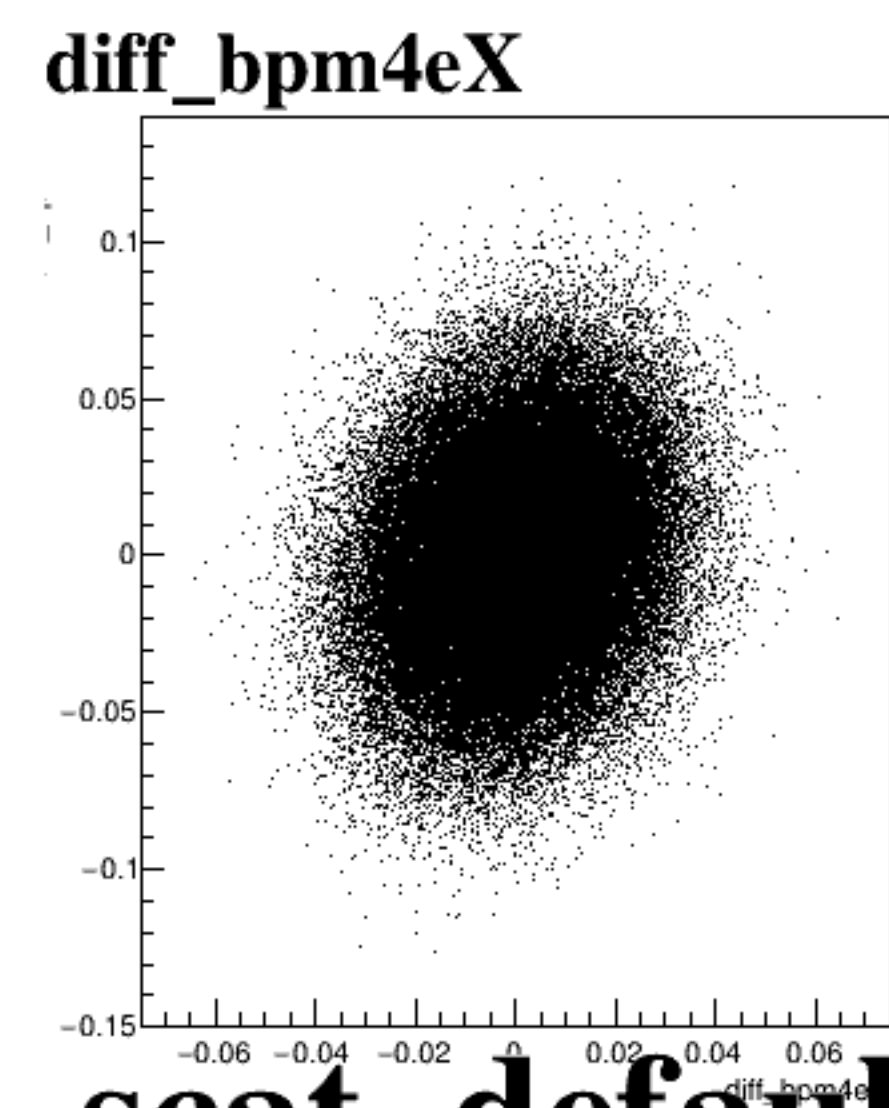
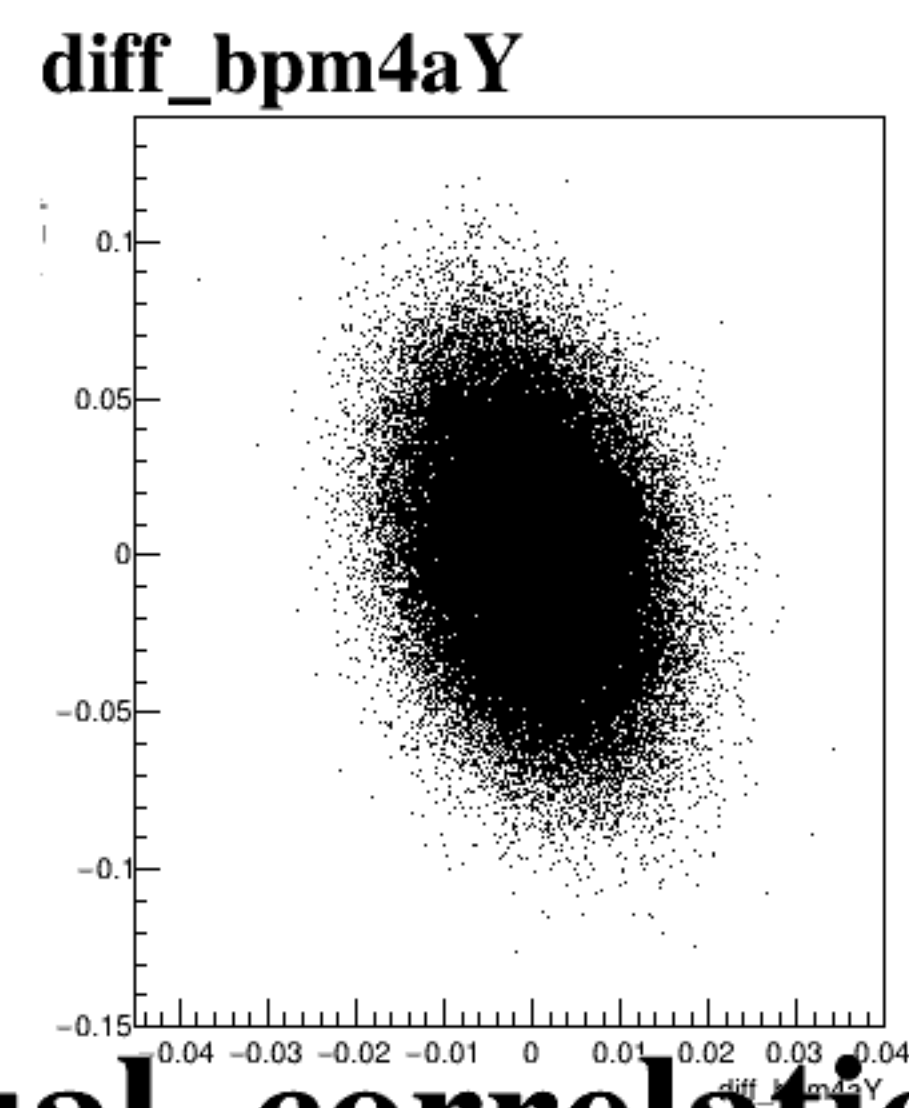
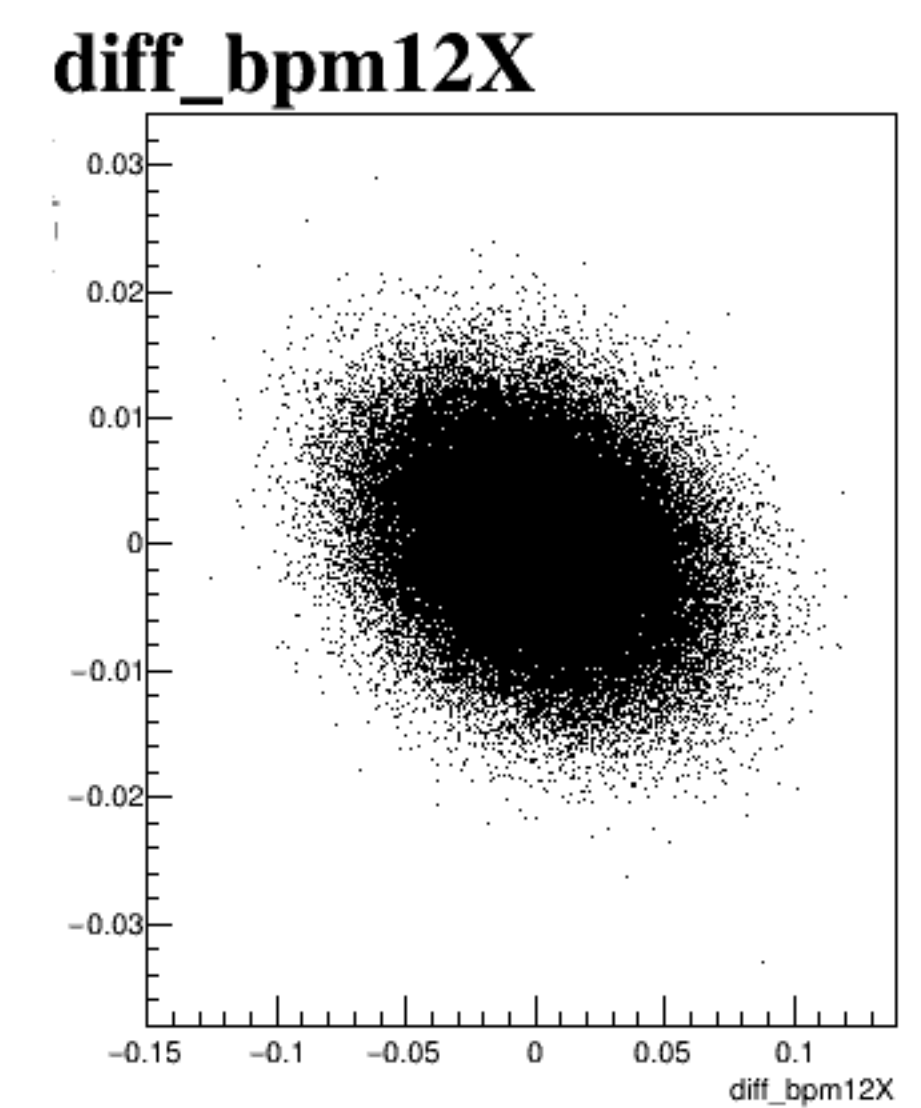
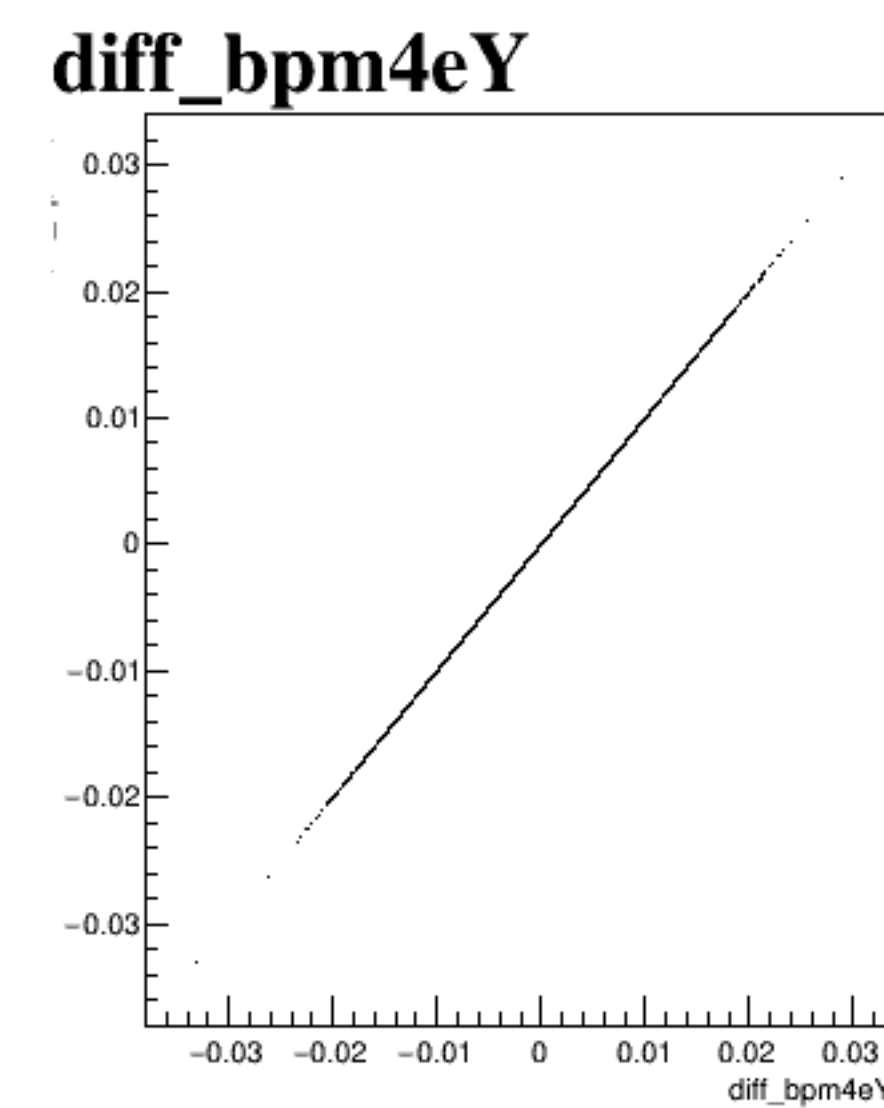
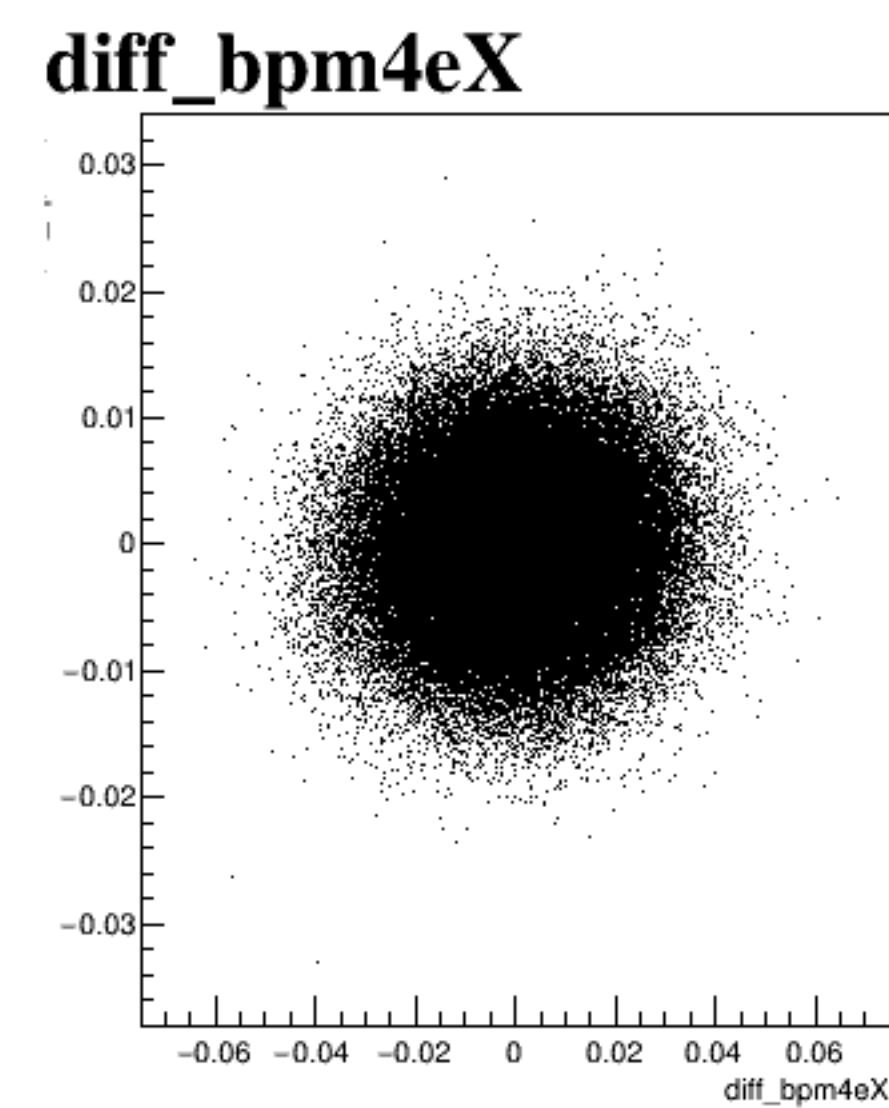
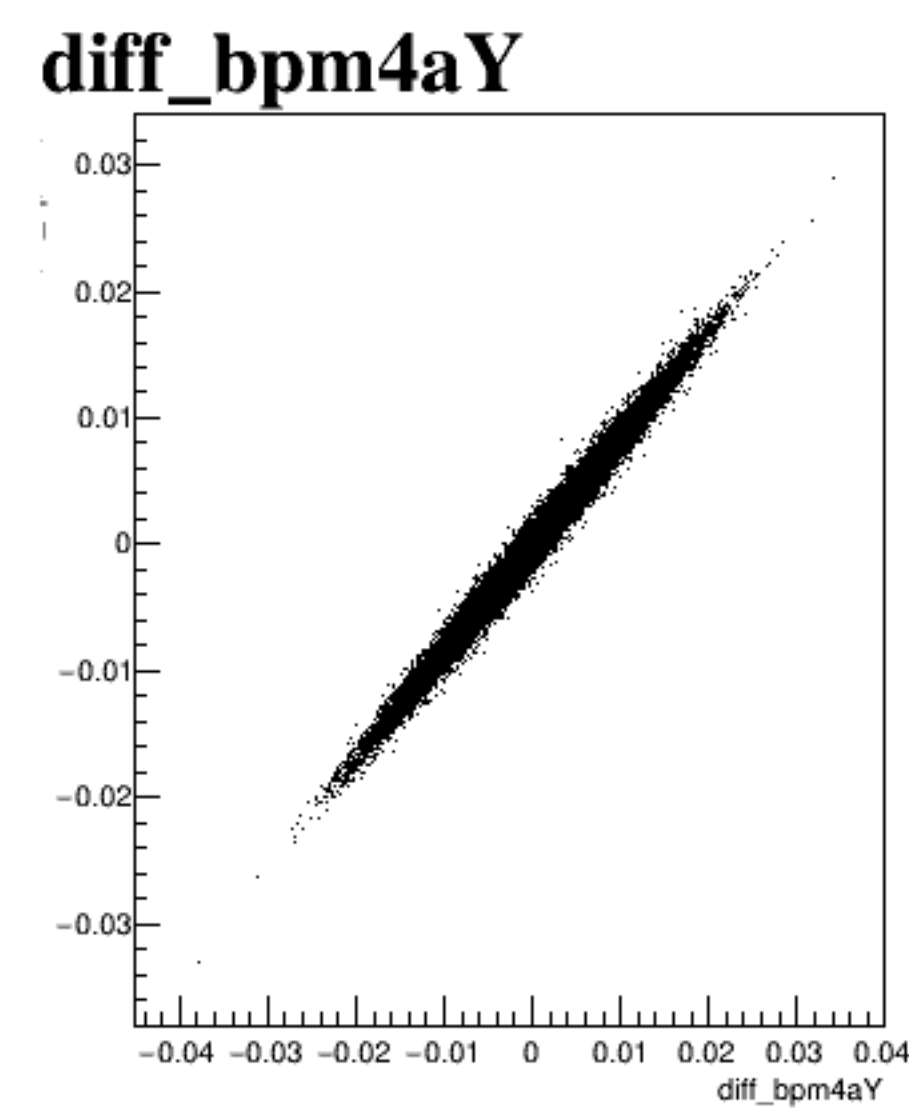
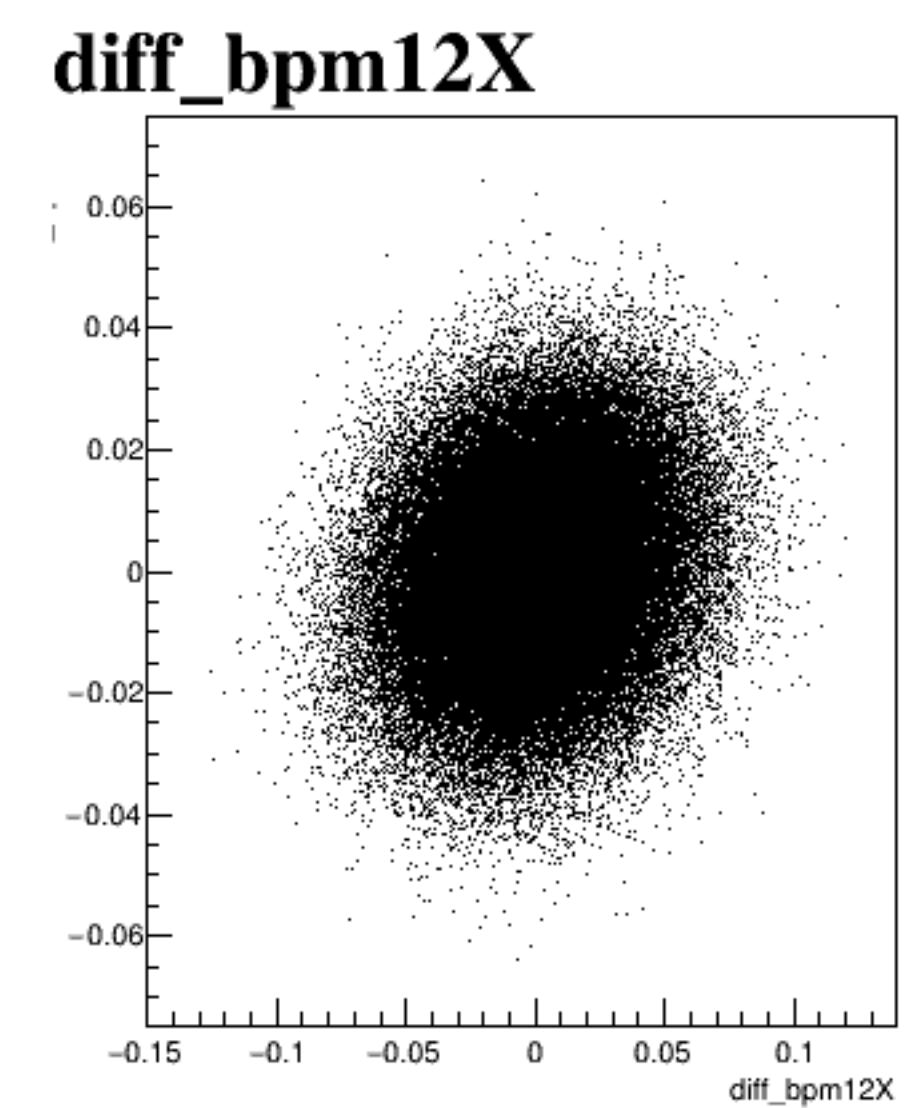
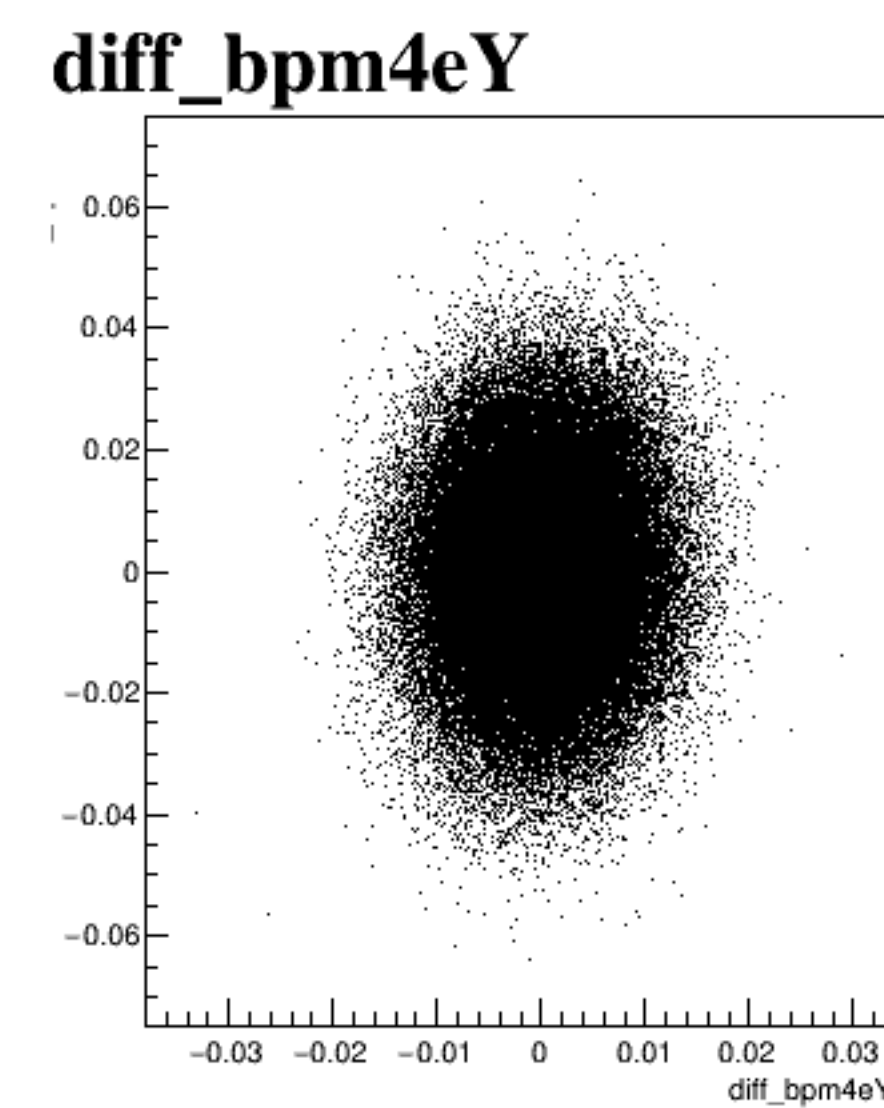
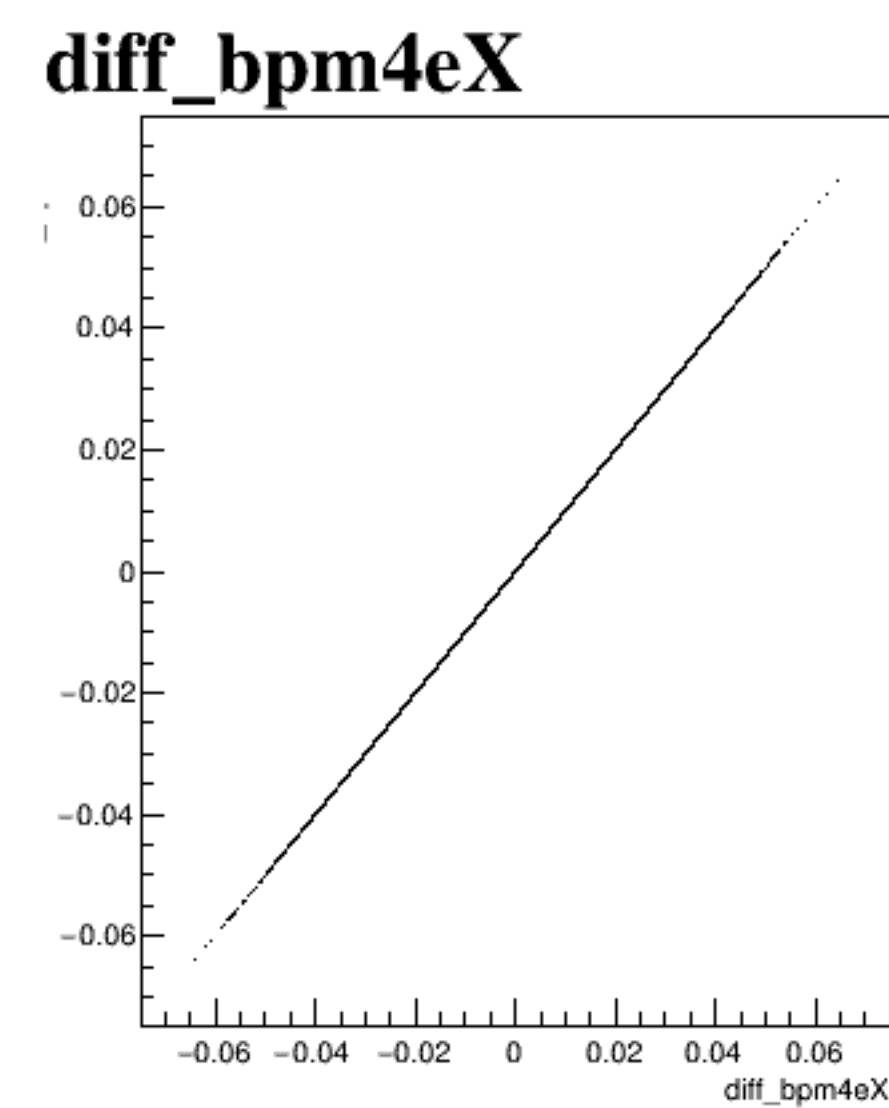
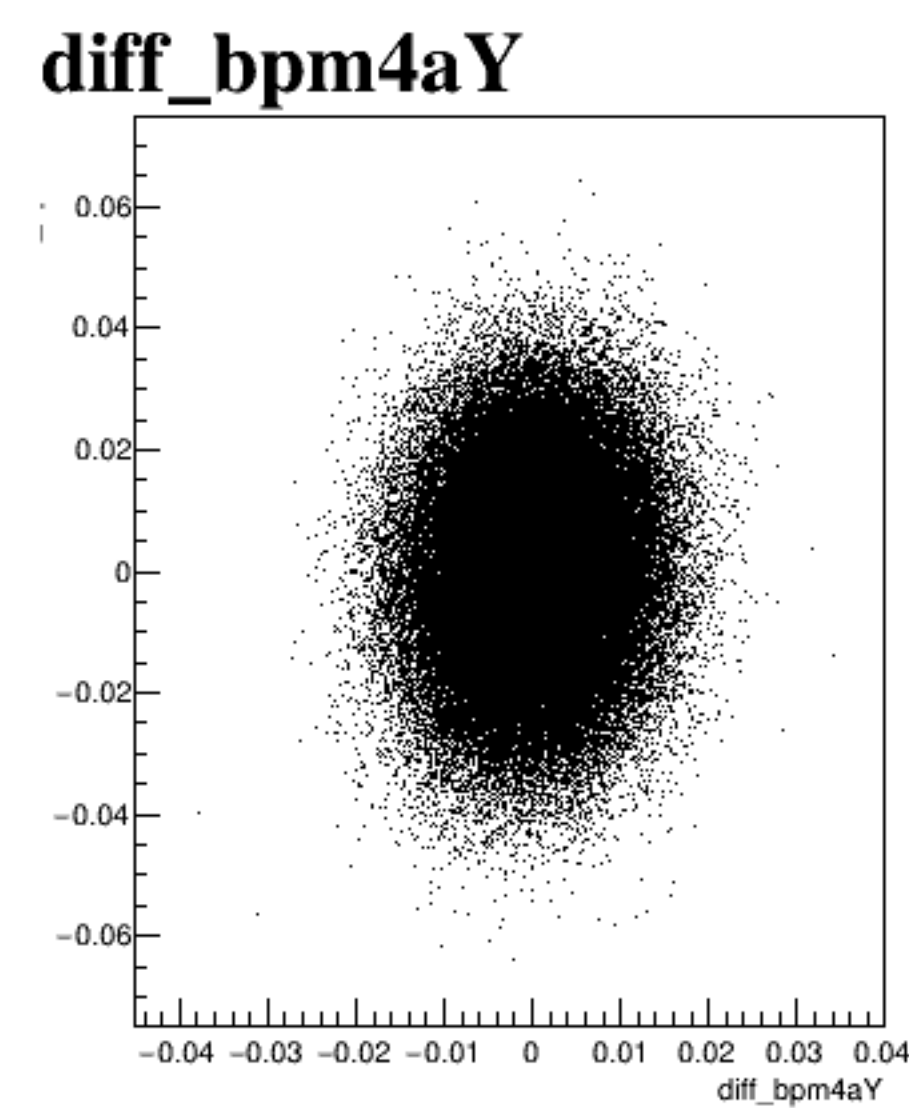
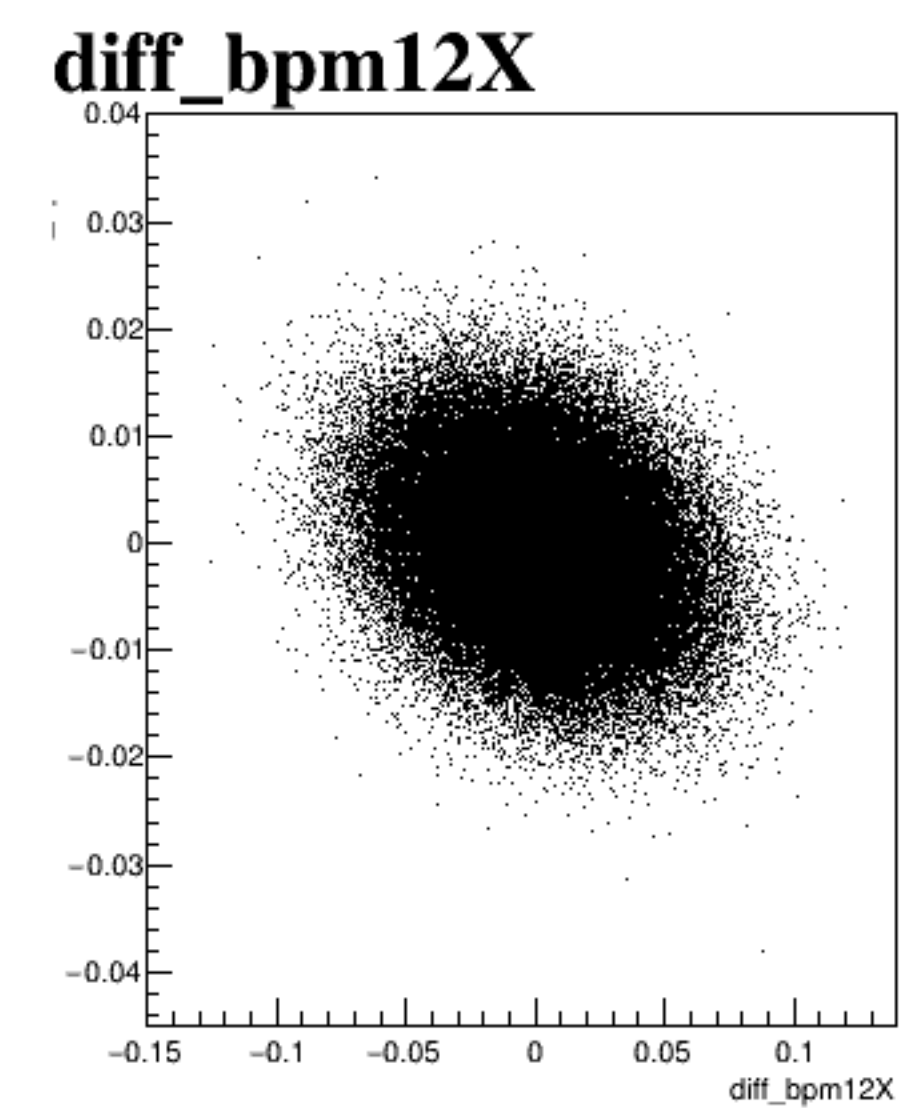
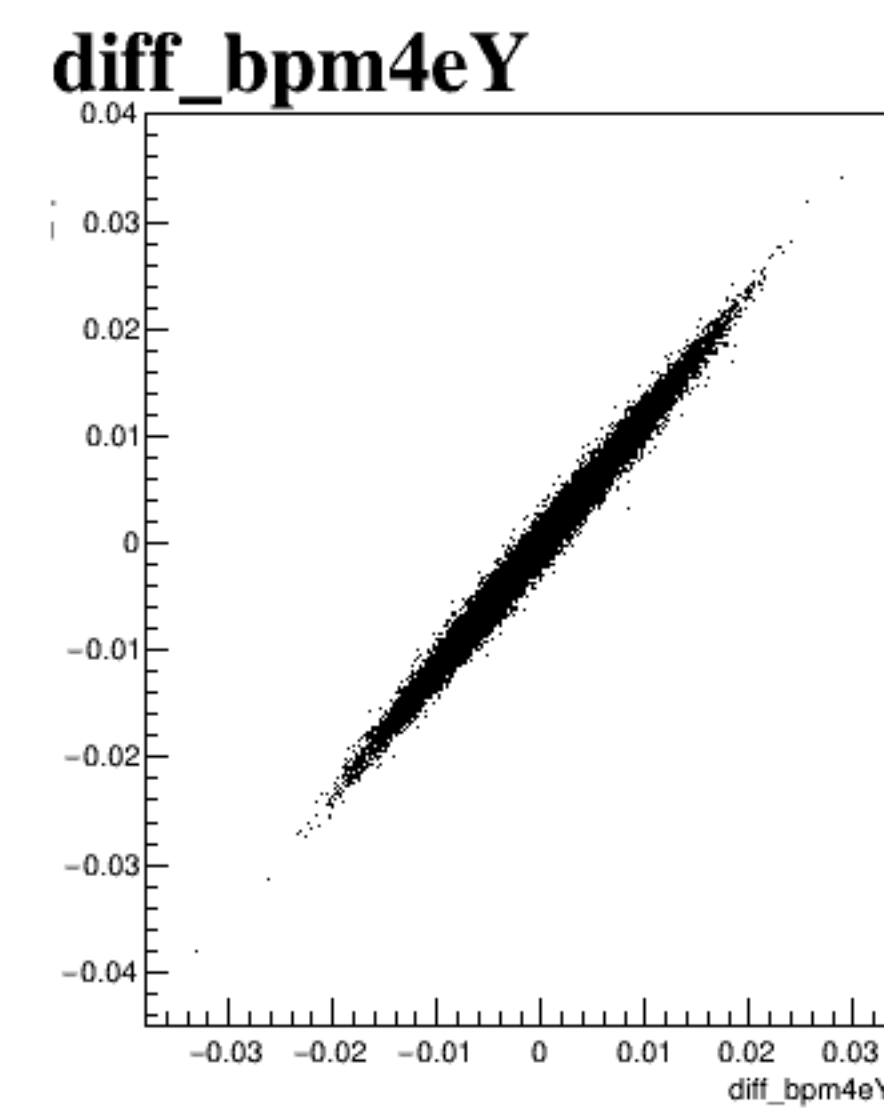
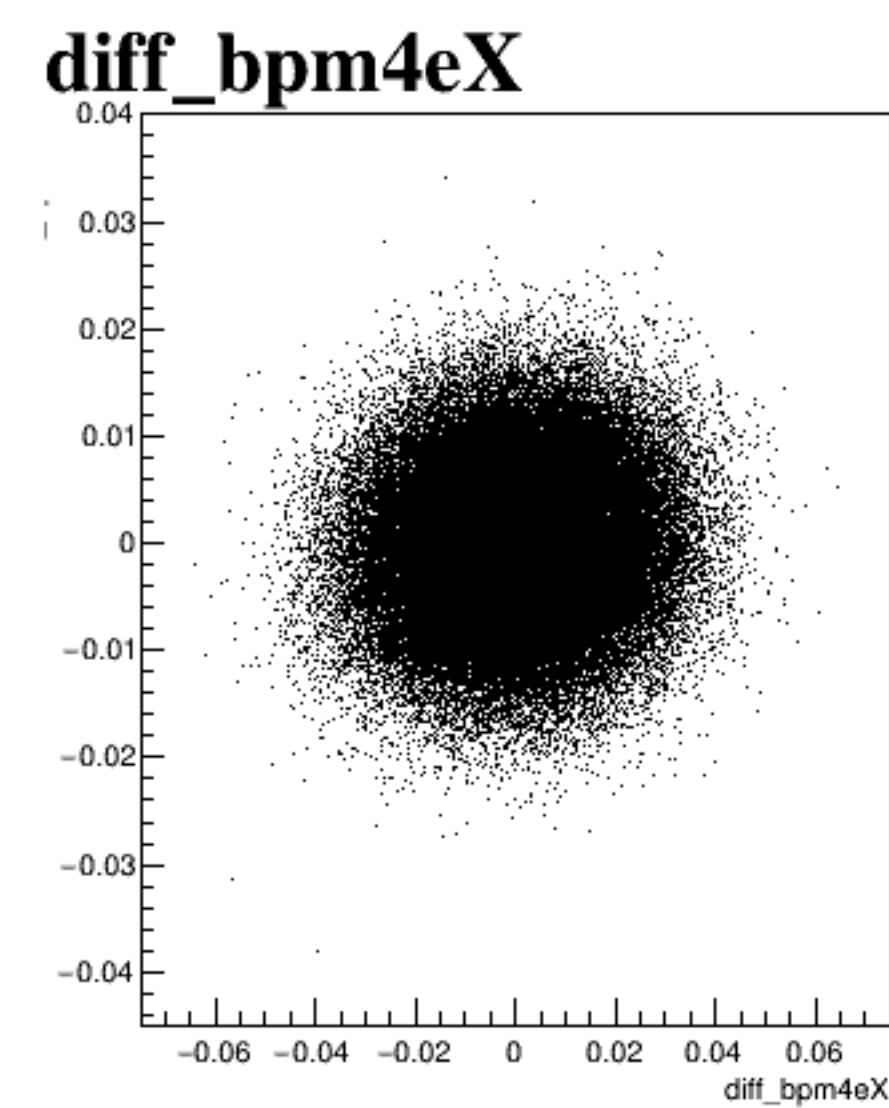
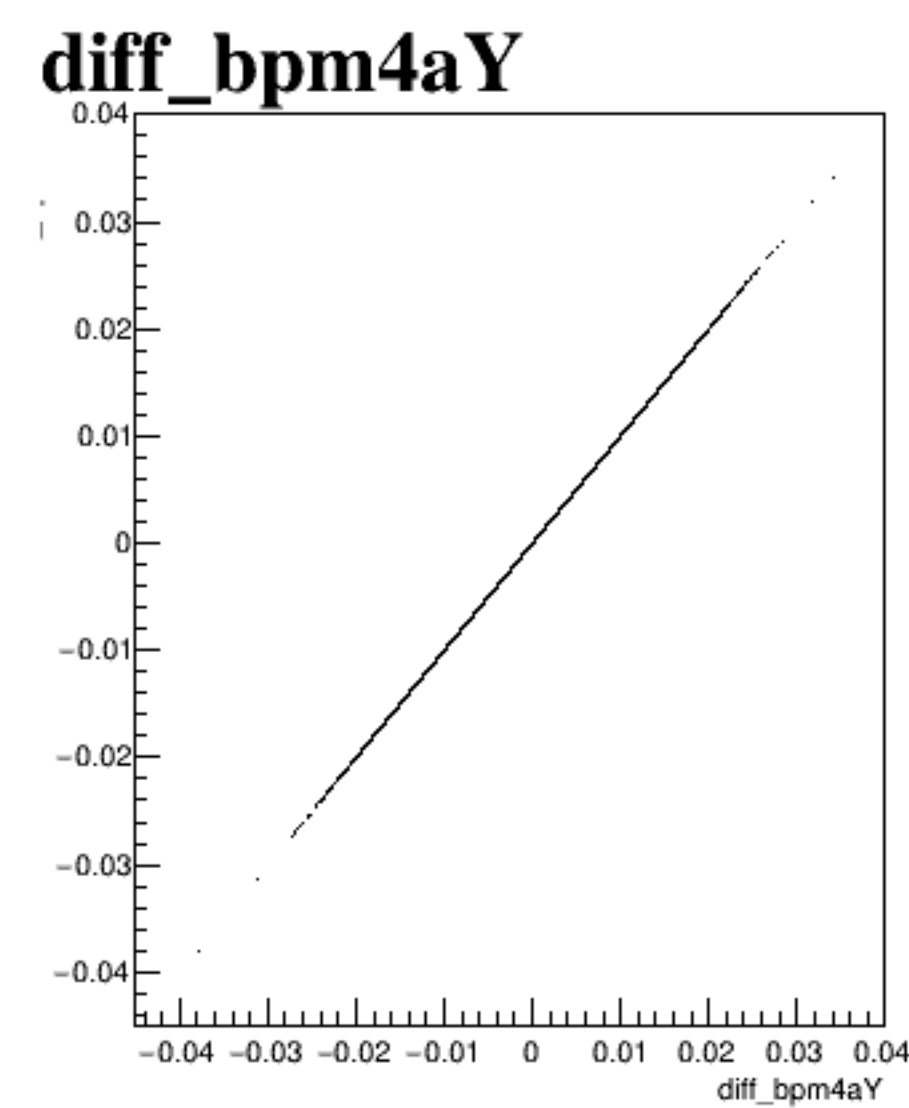
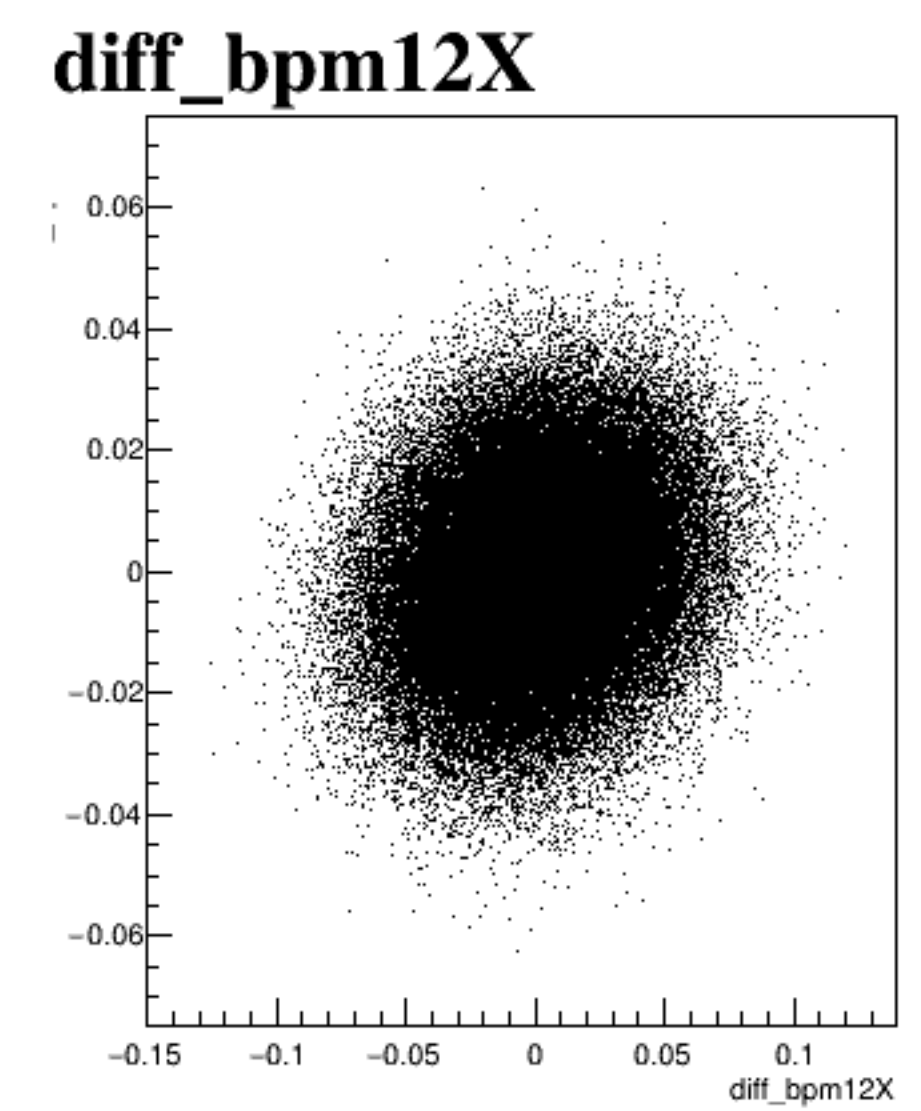
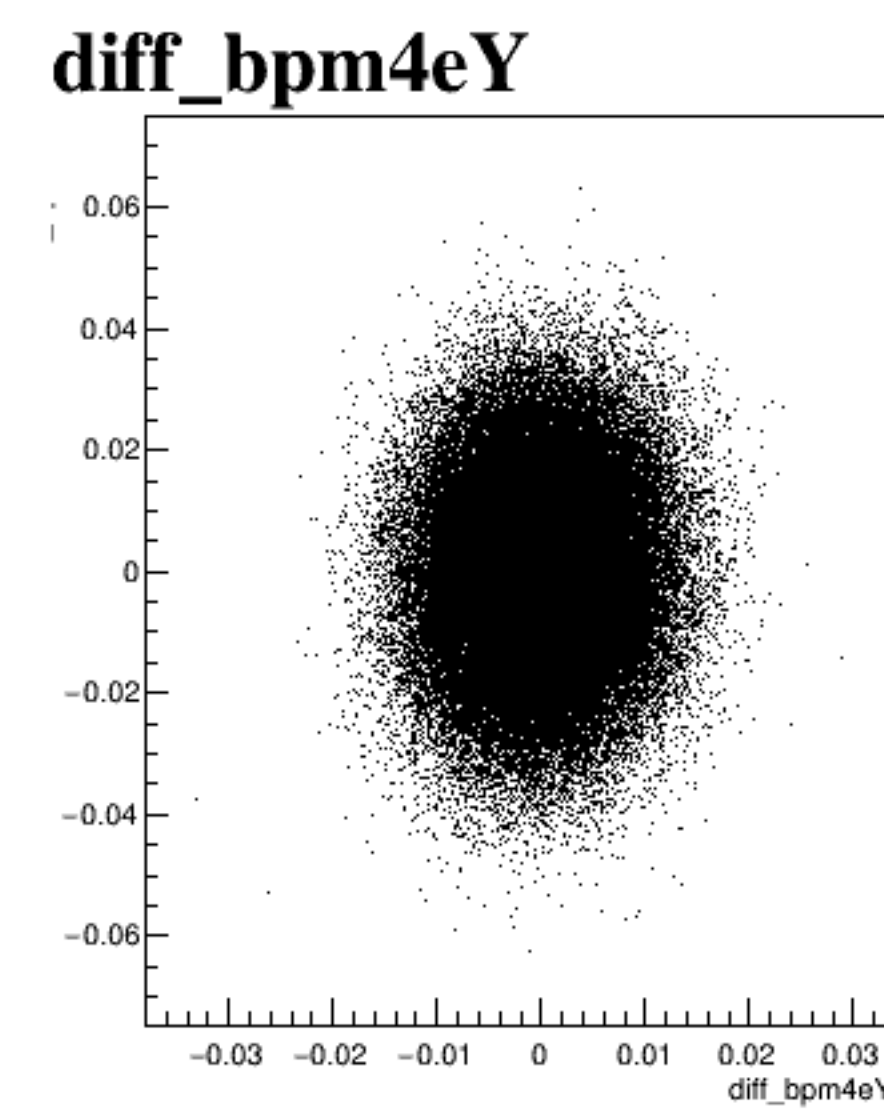
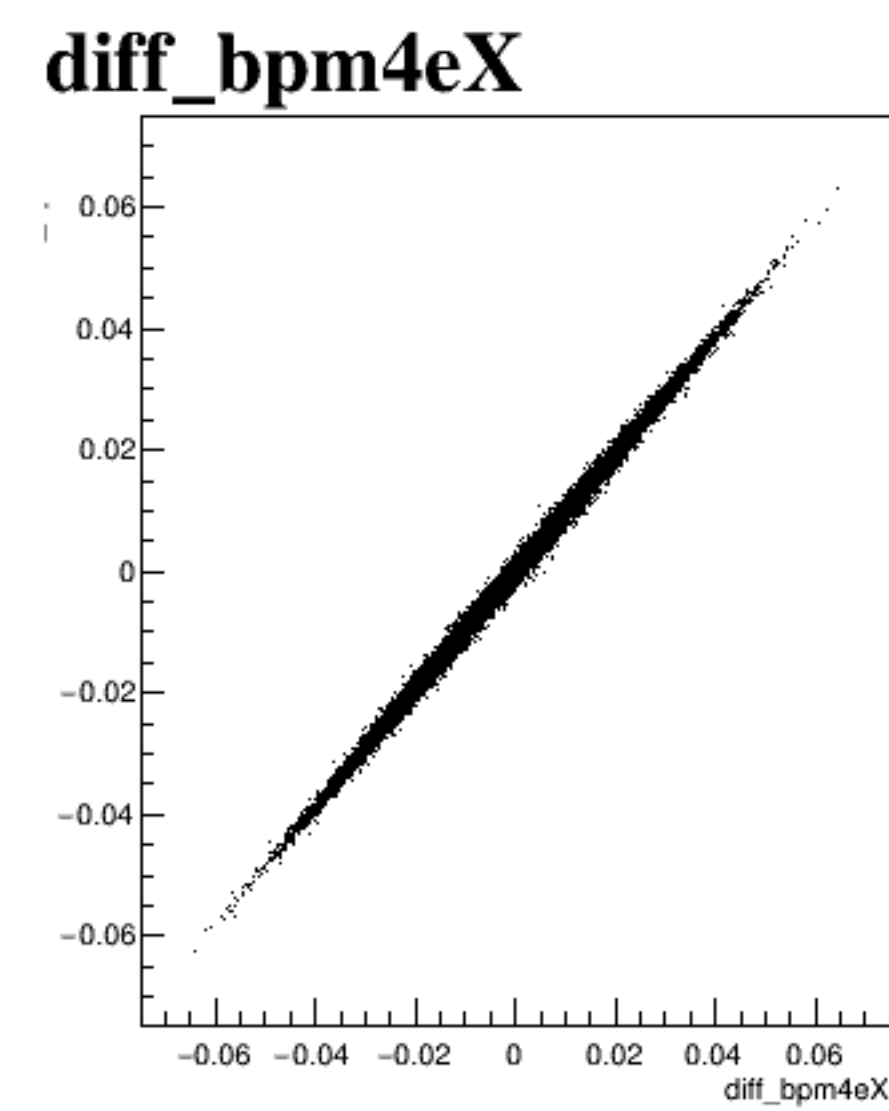
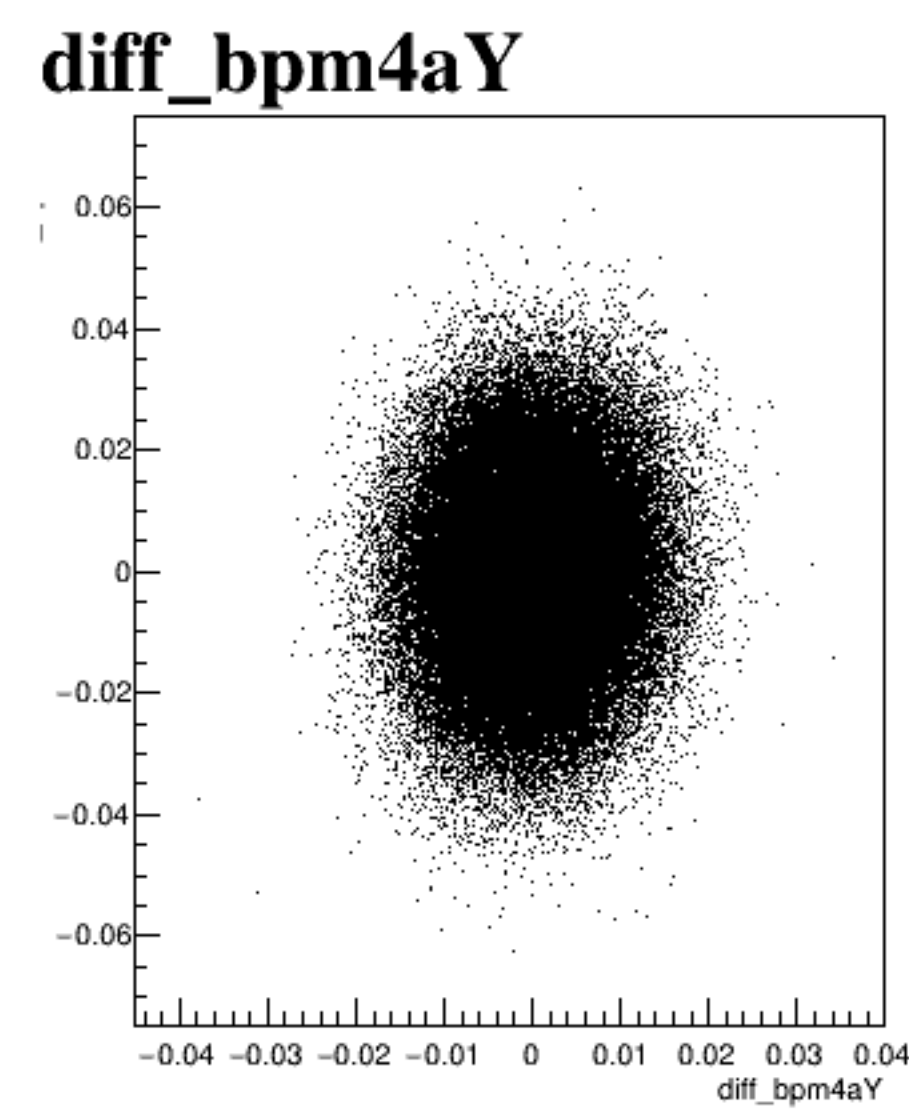
diff_bpm4eY



diff_bpm12X

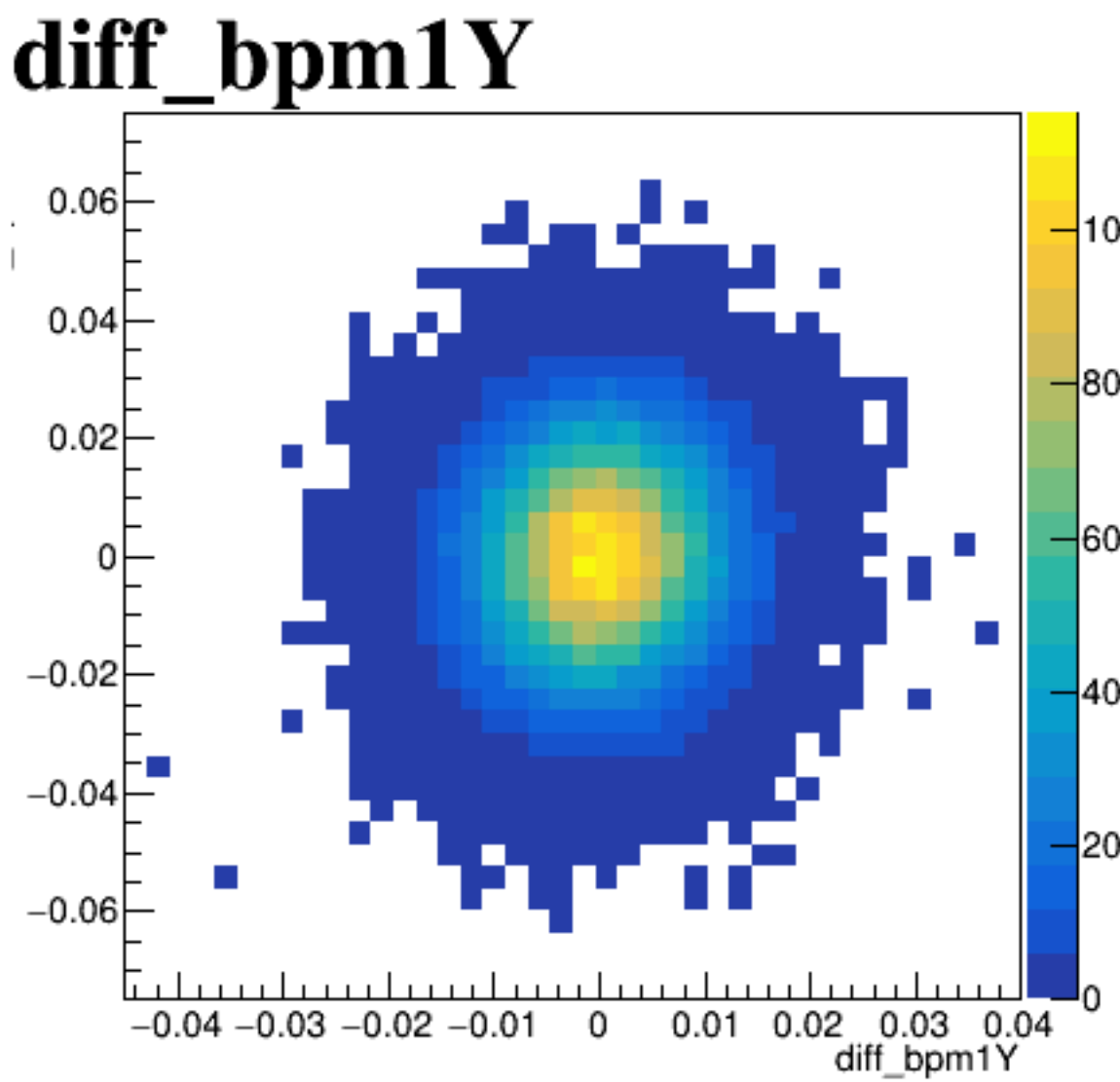
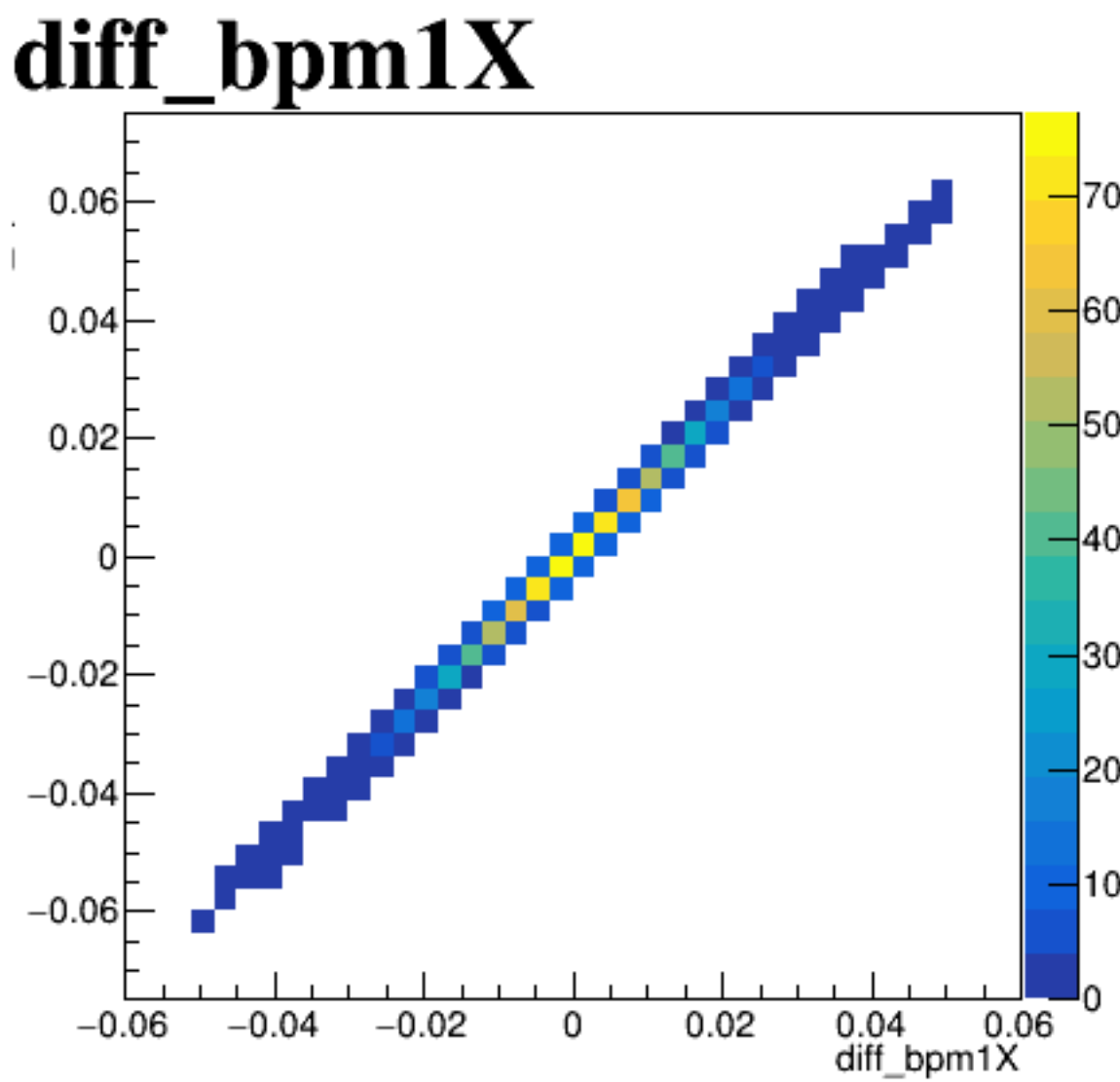
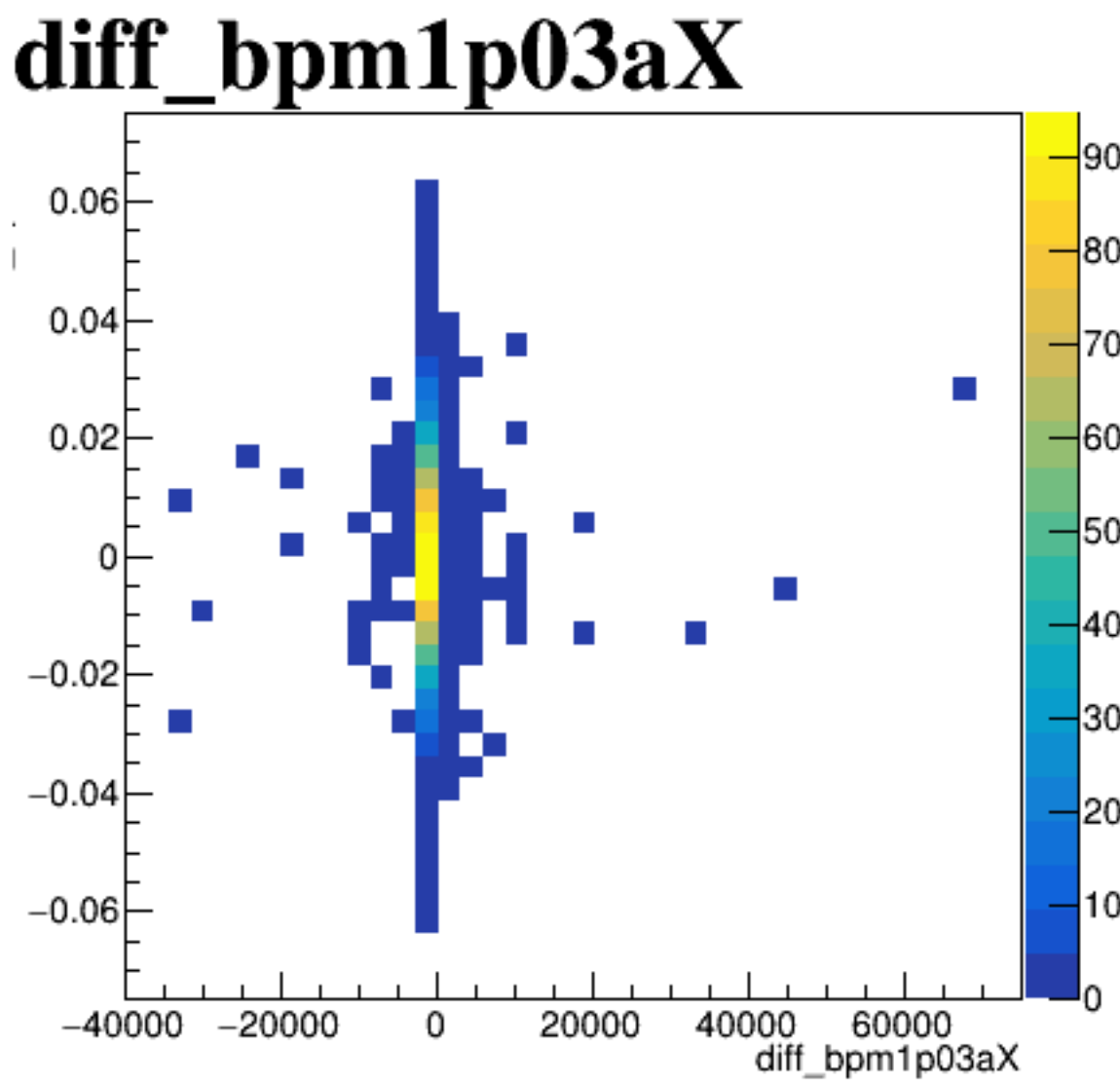
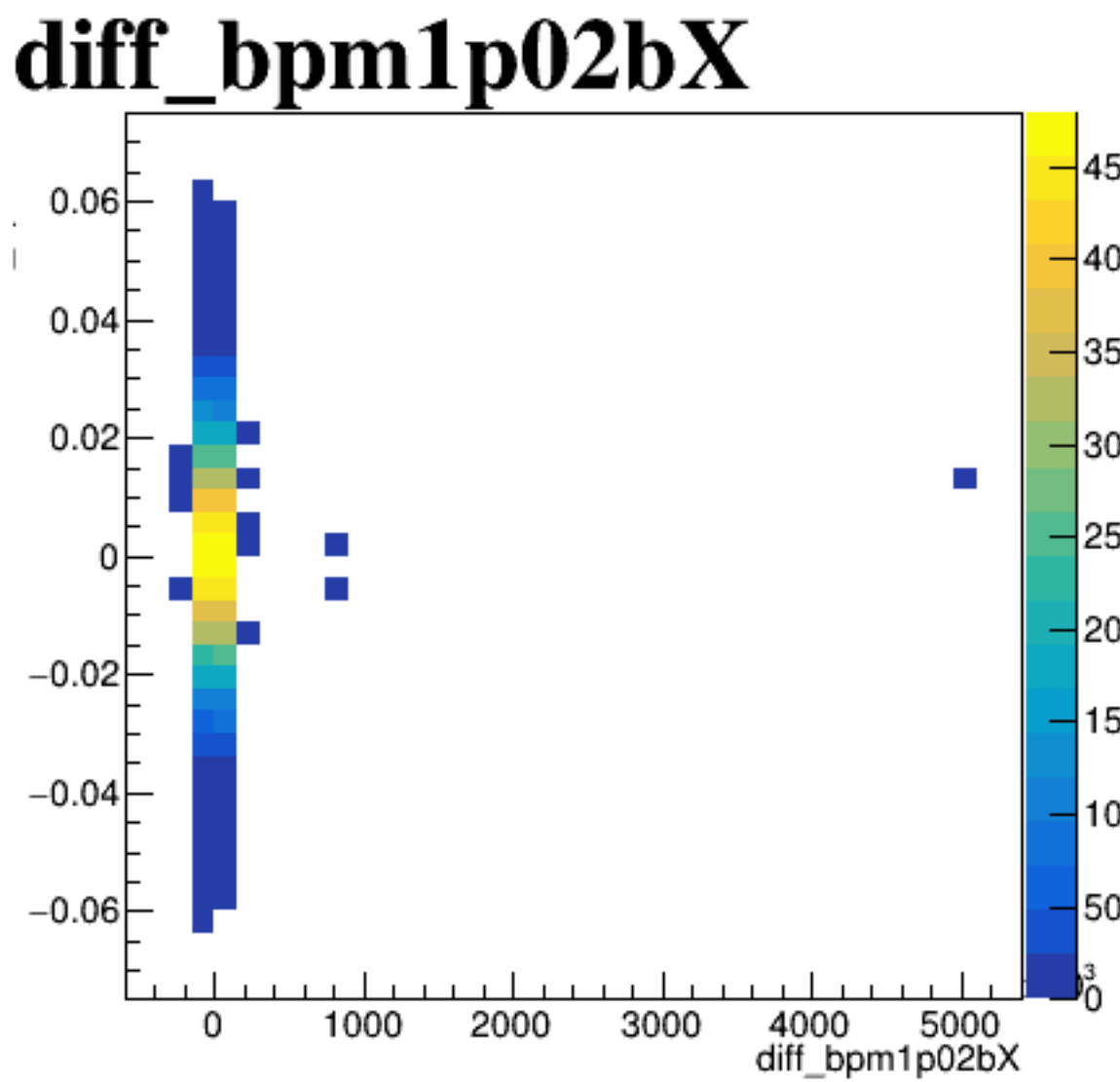


run5472_000_diff_bpm_mutual_correlation_fit_default.png

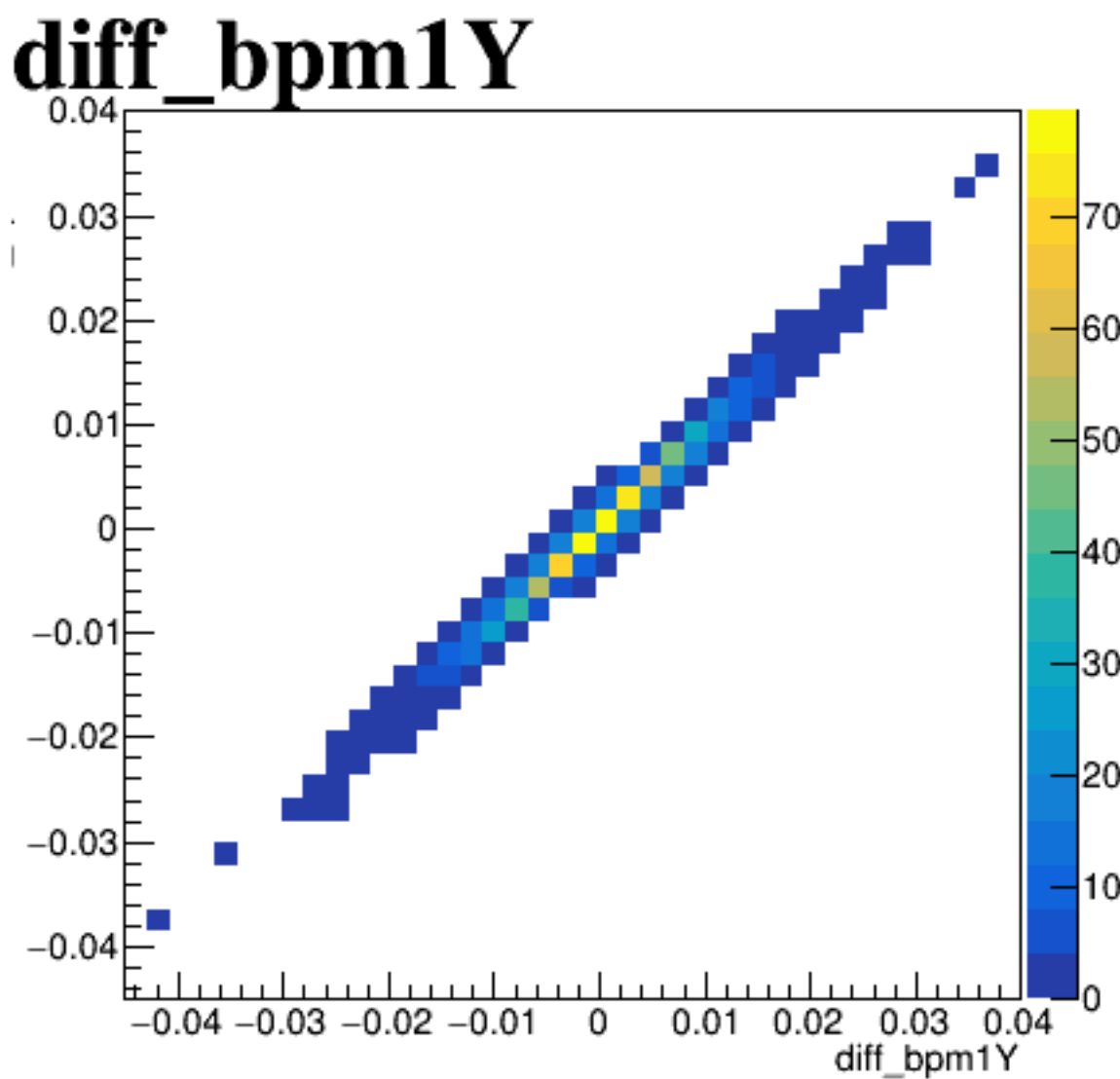
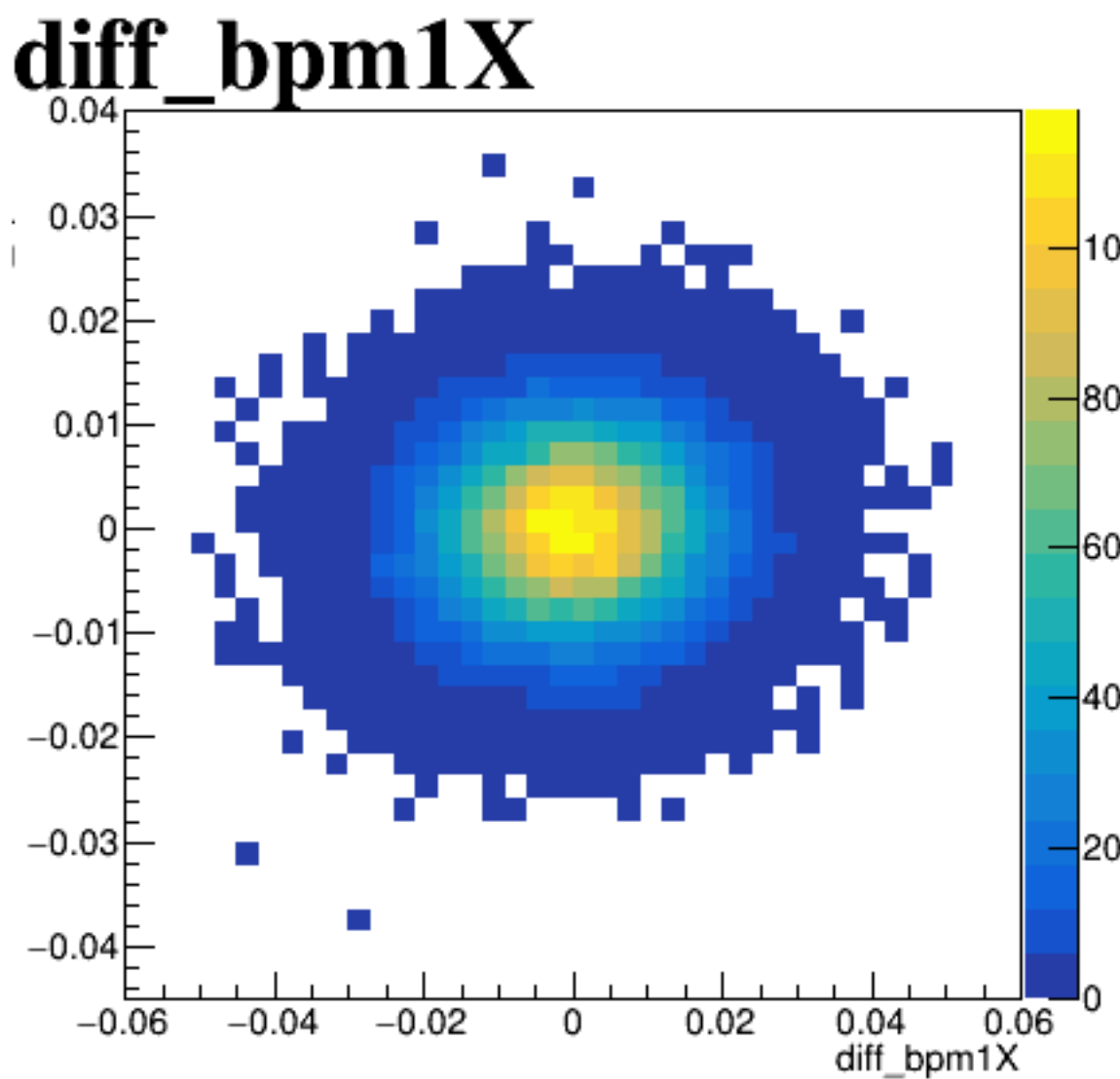
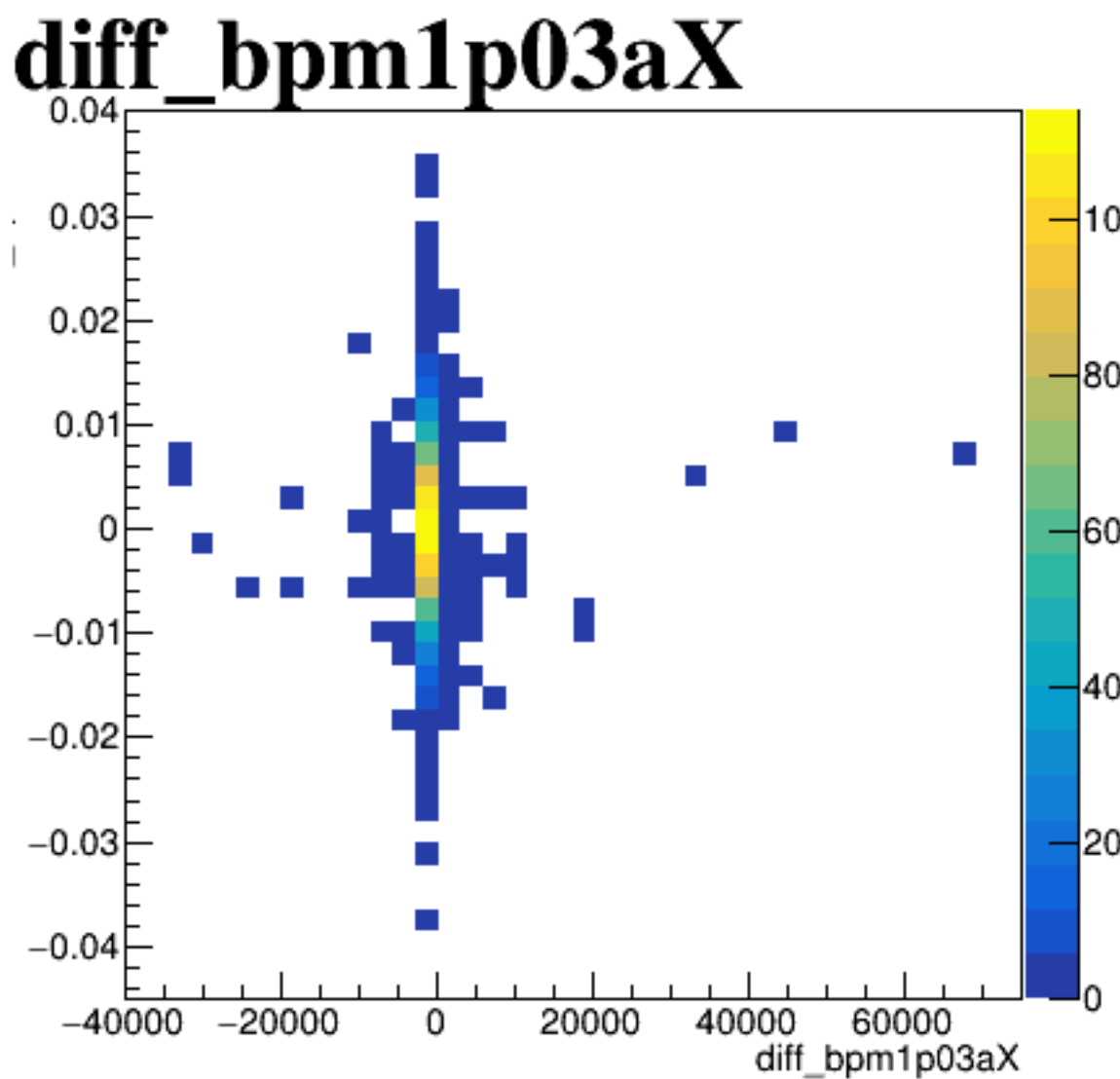
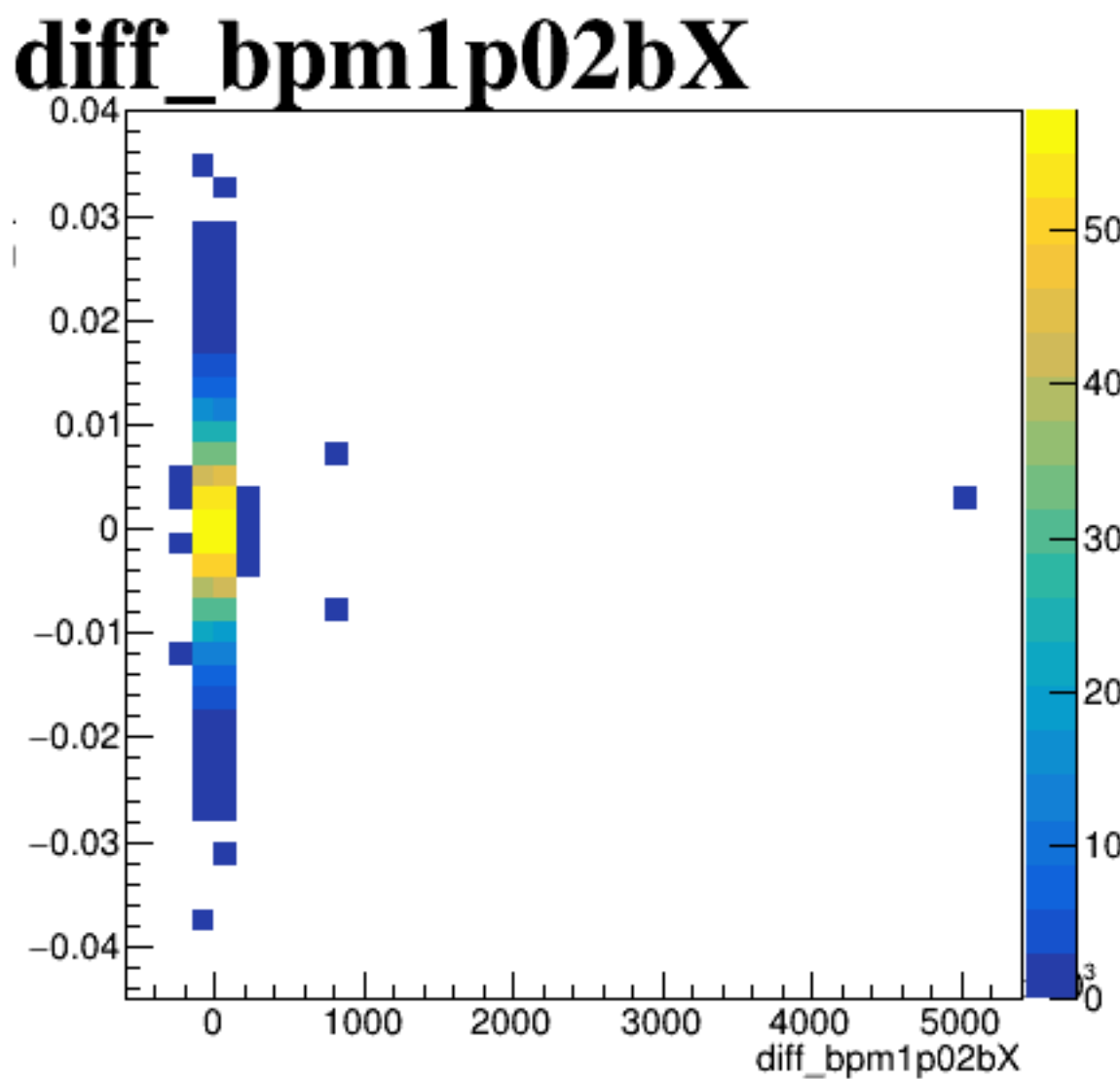


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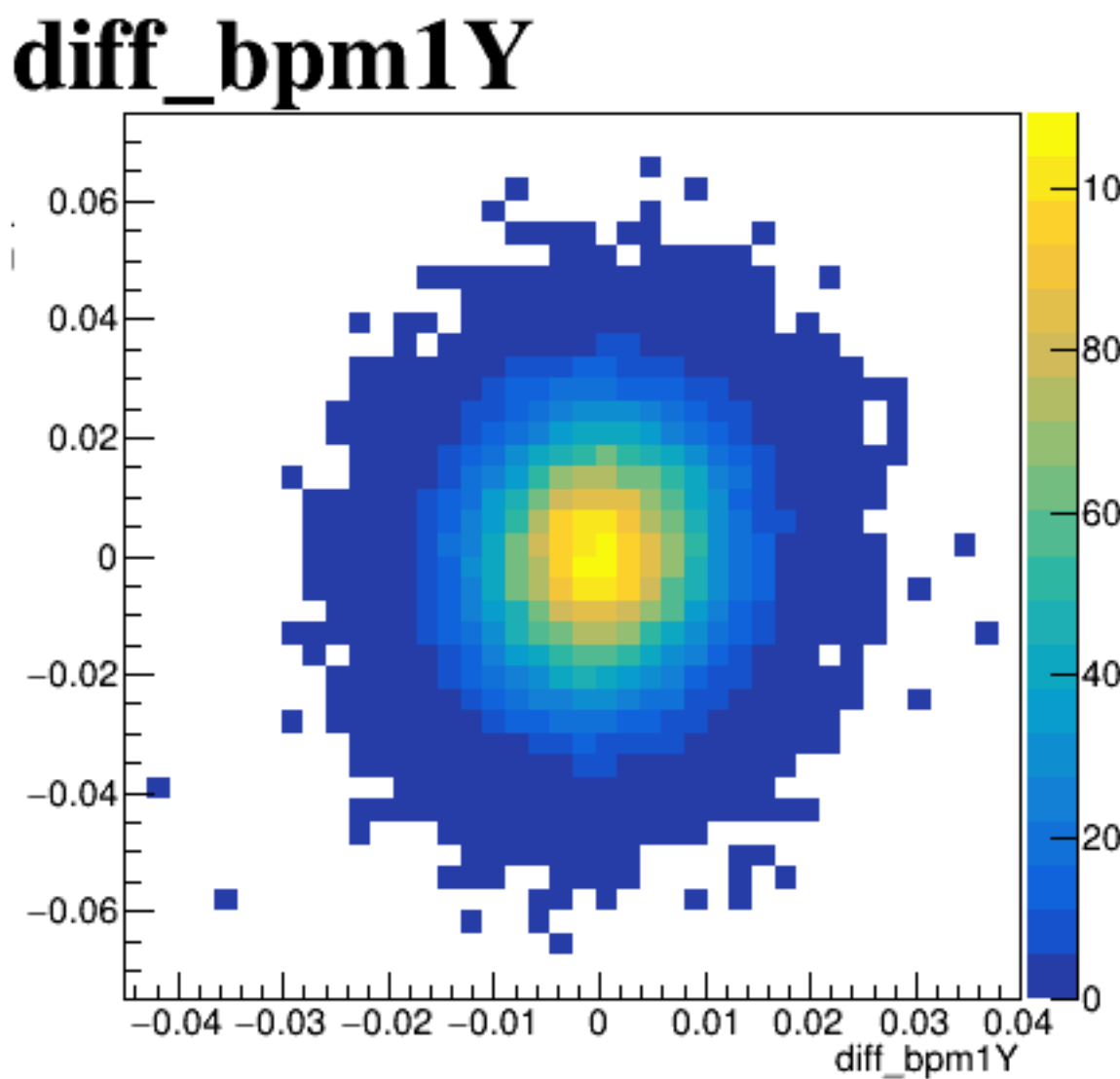
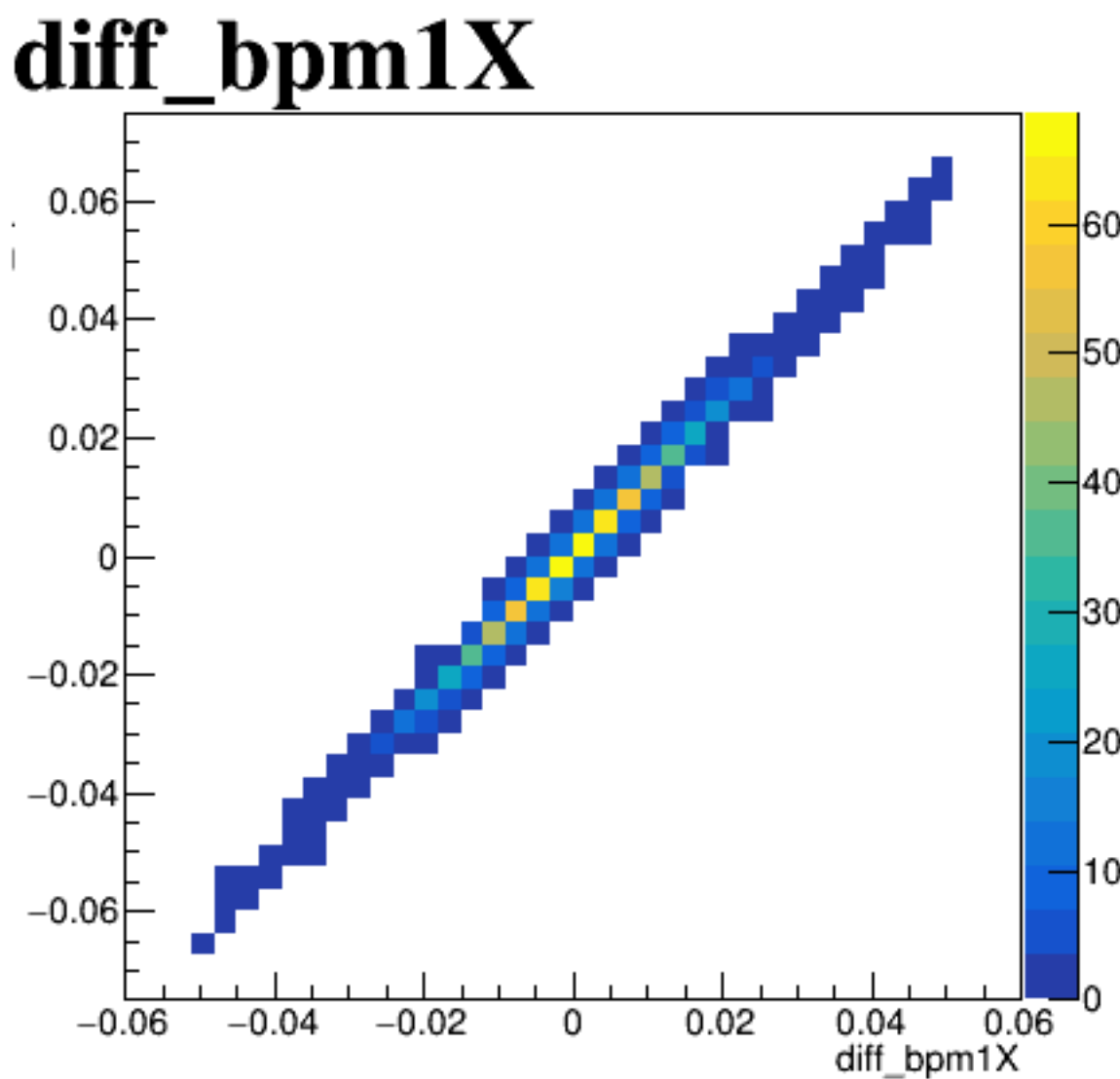
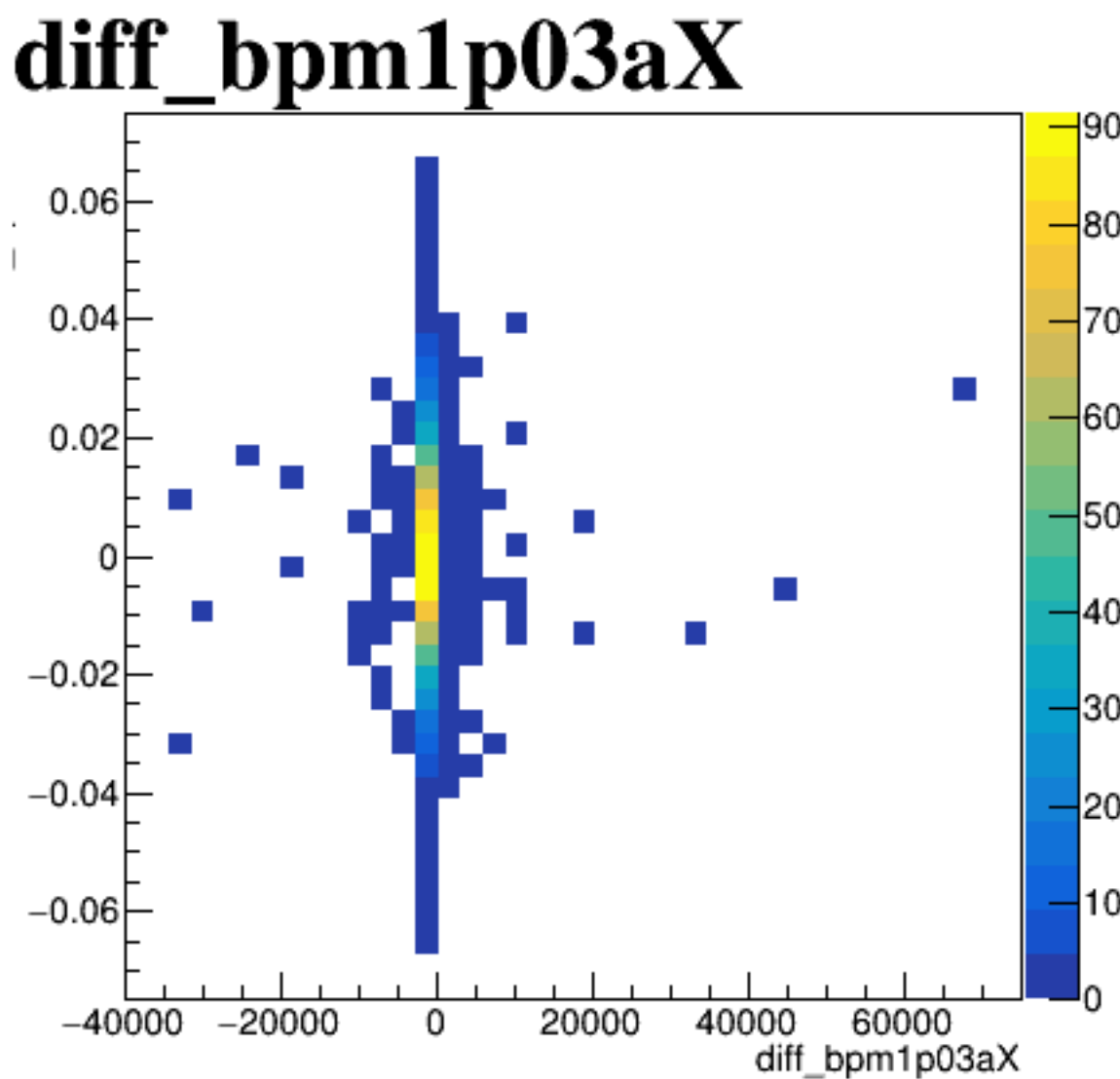
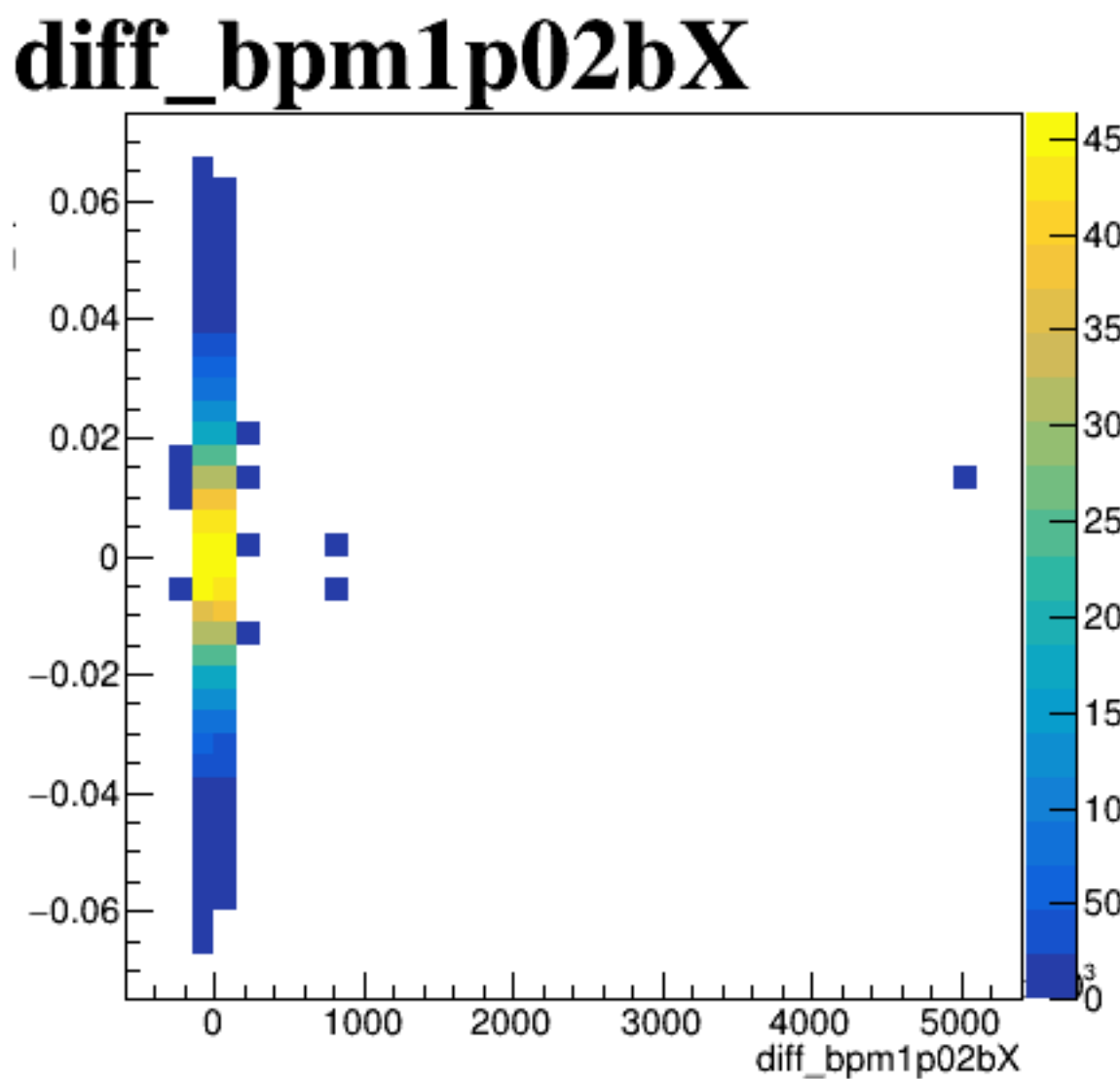
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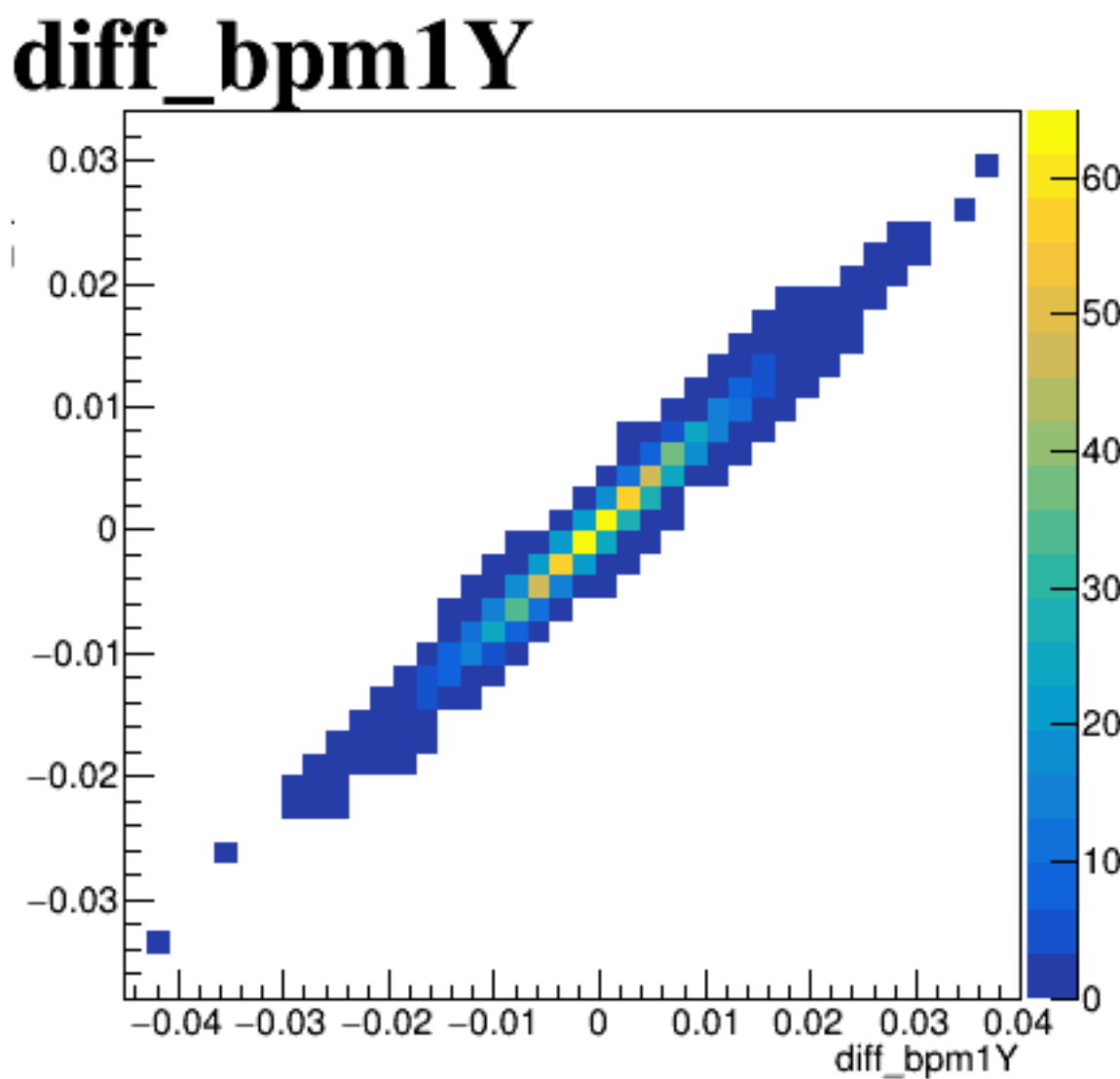
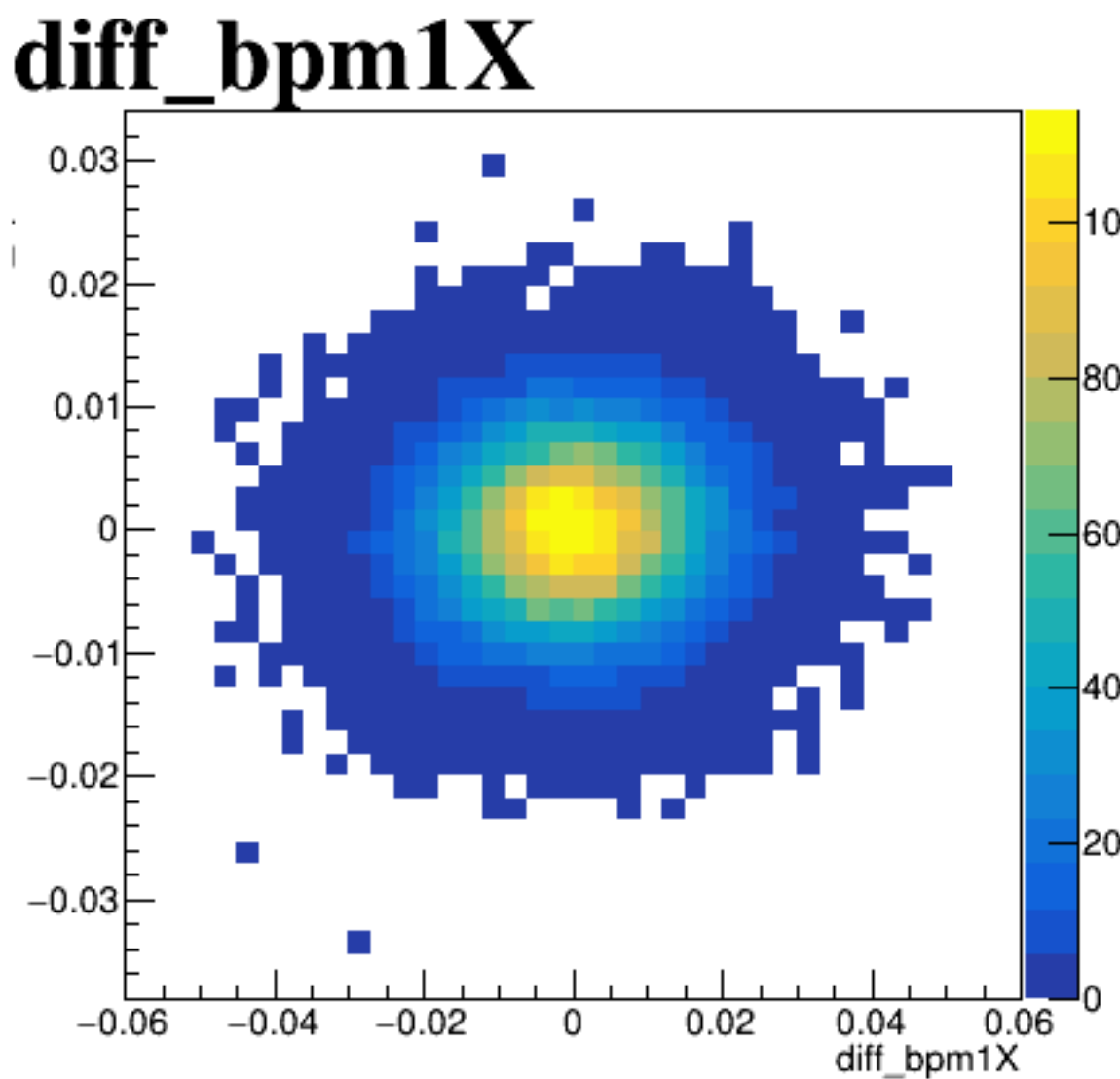
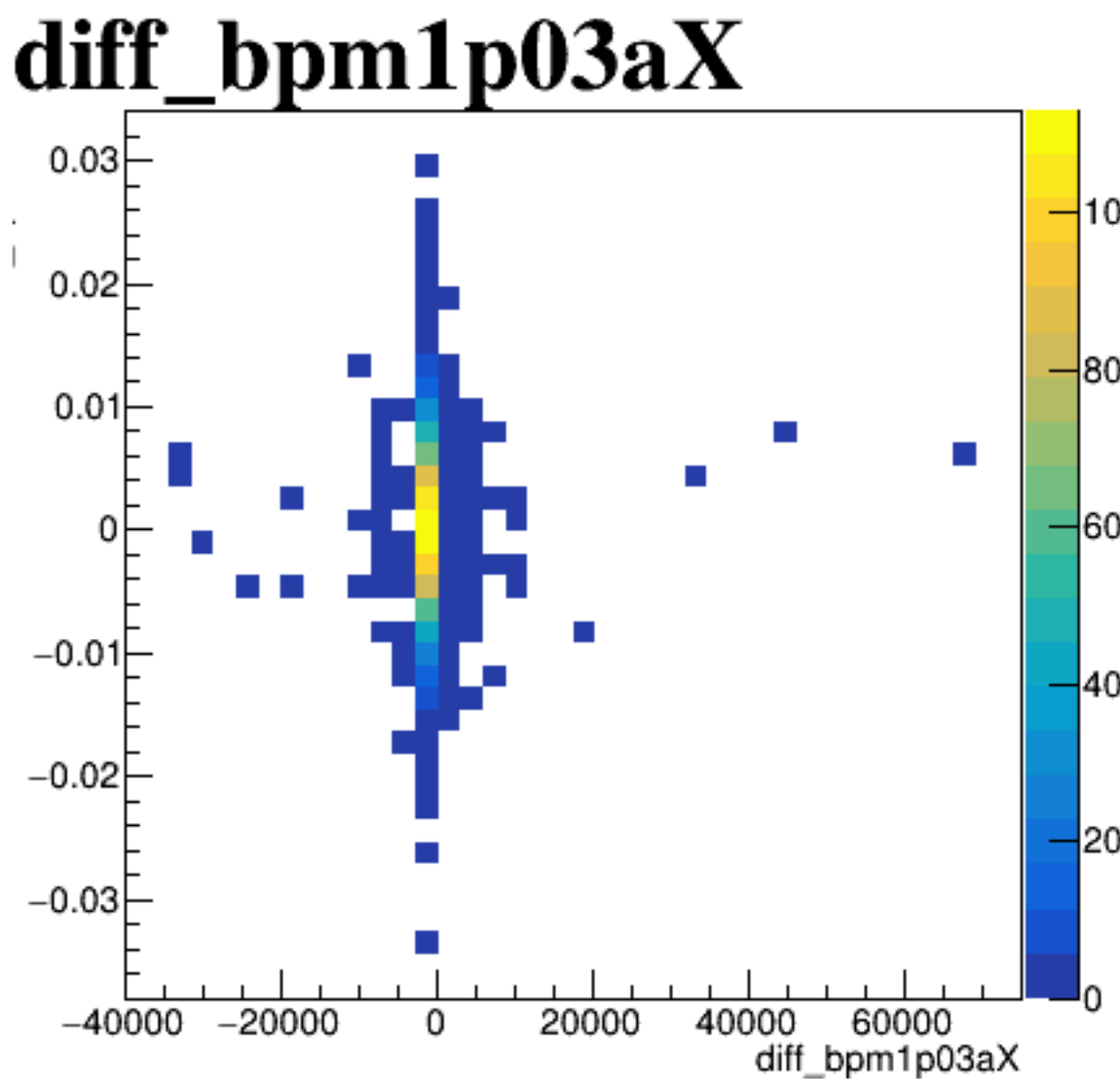
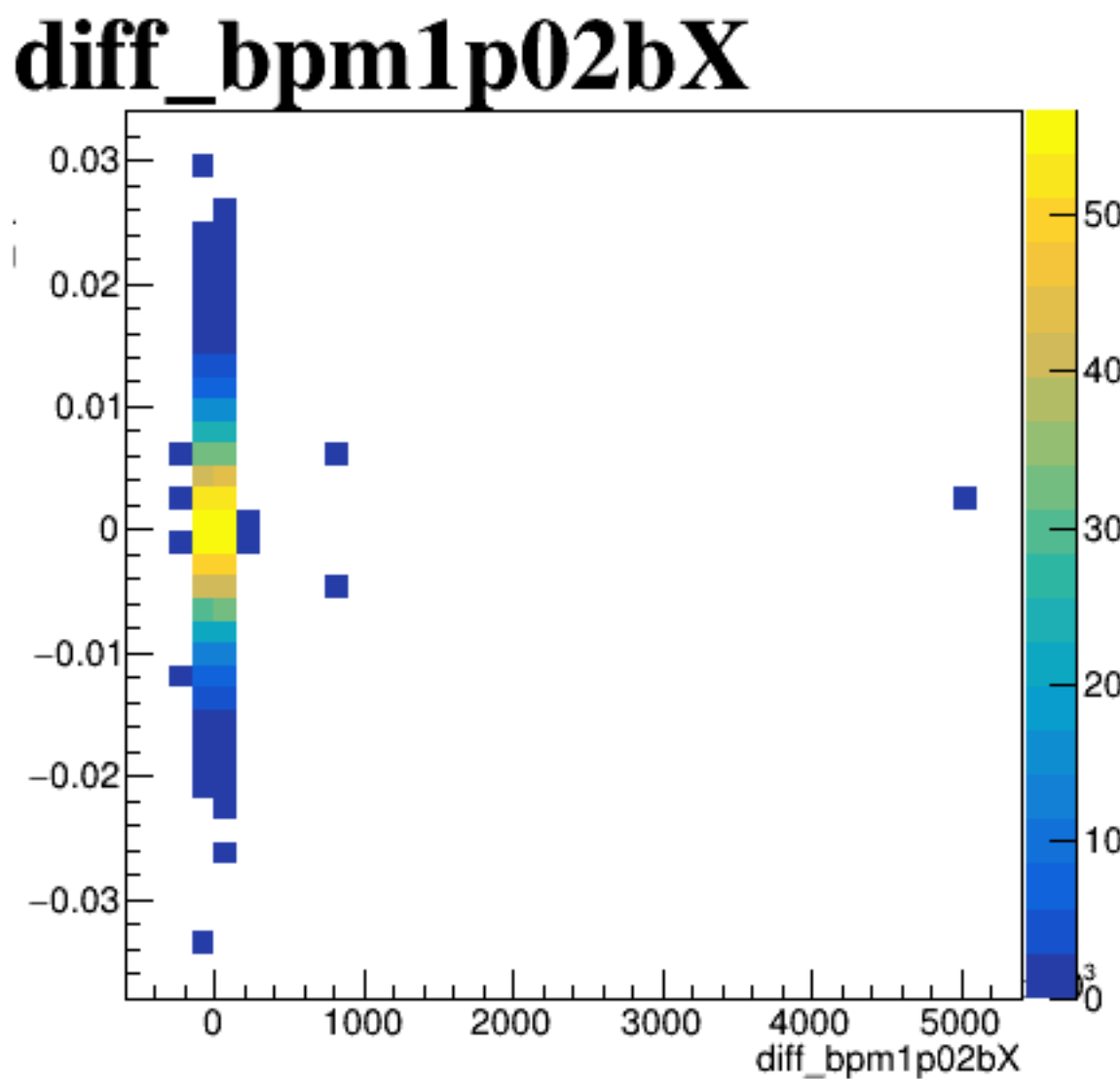
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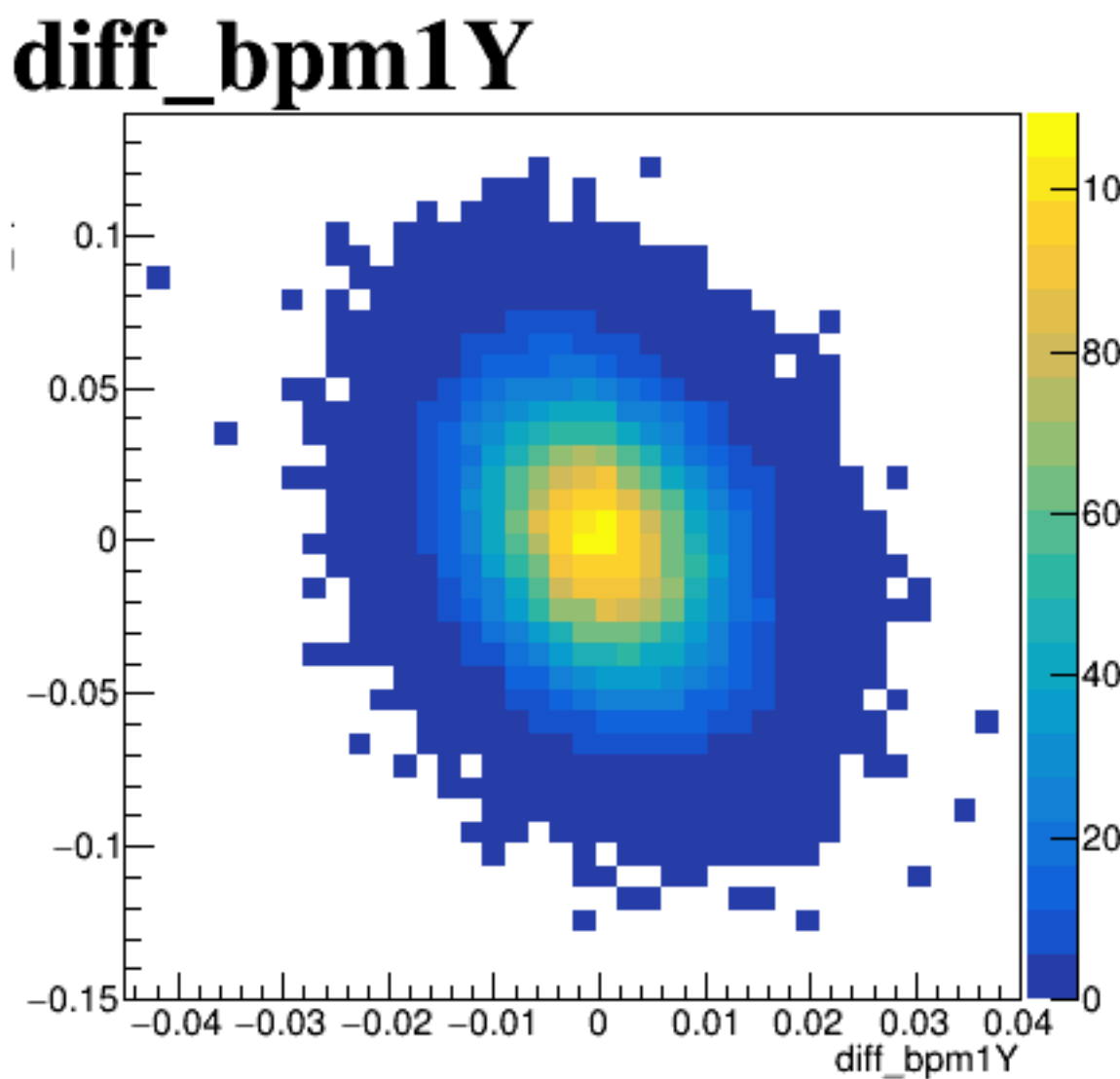
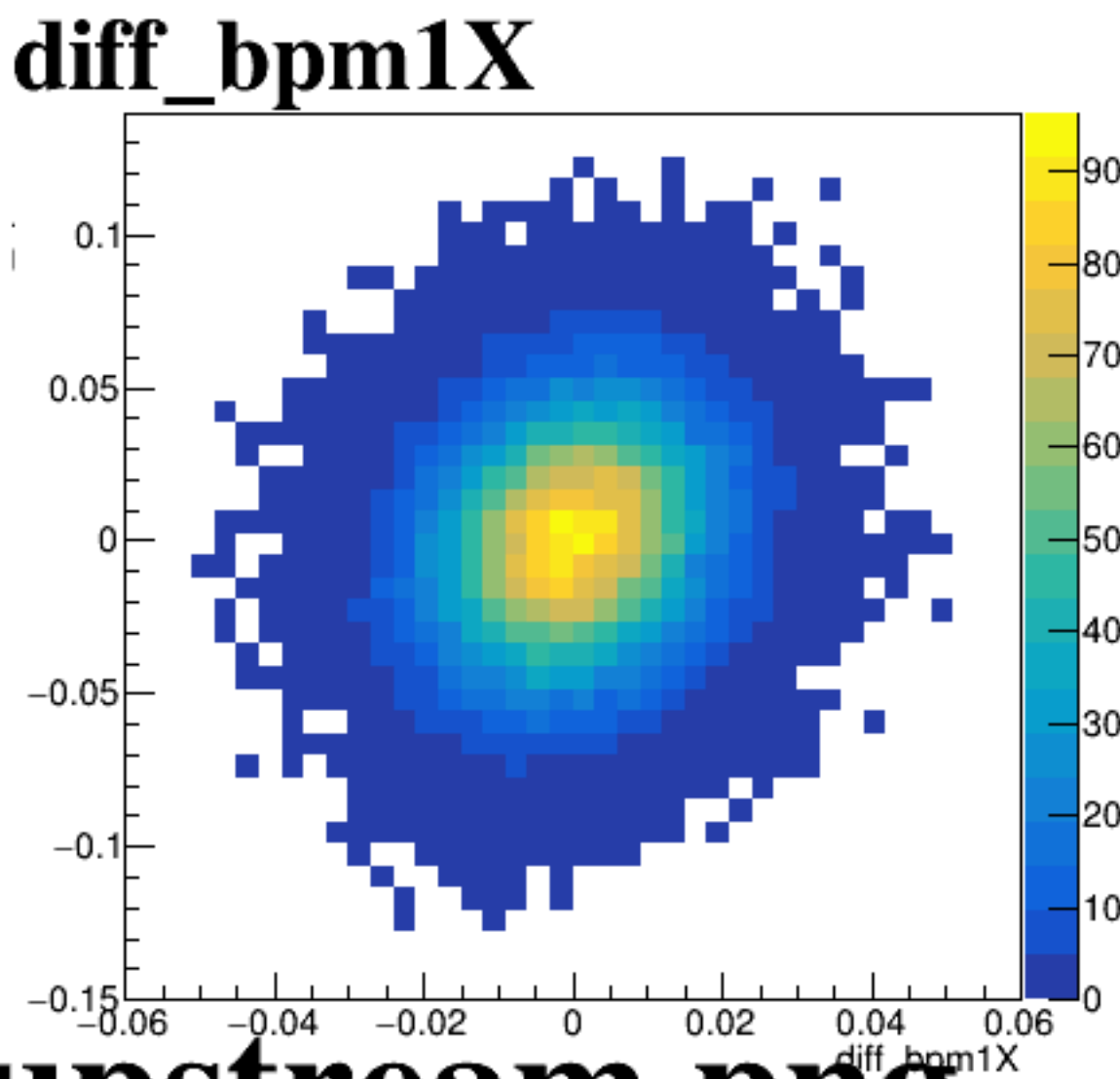
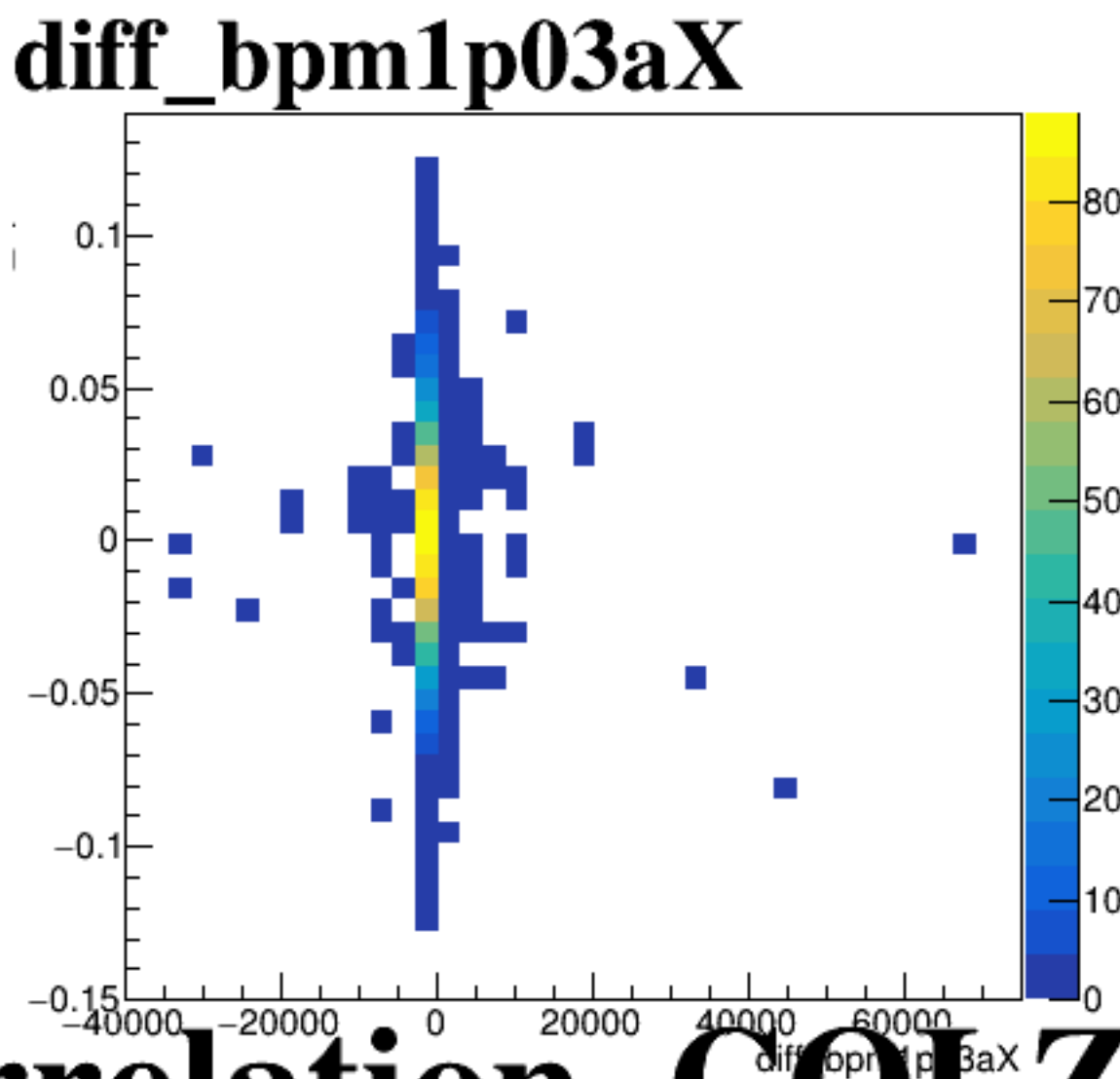
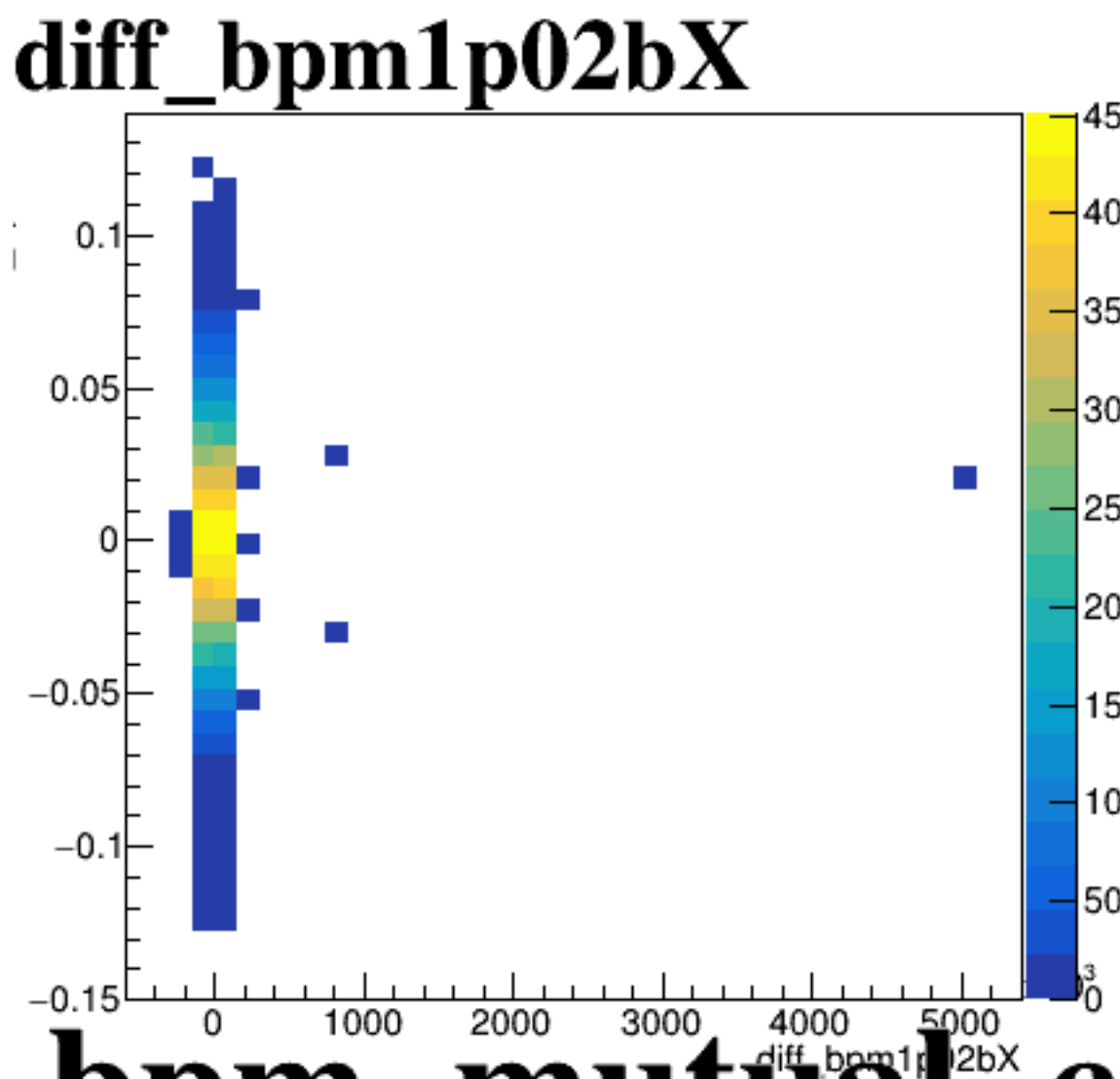
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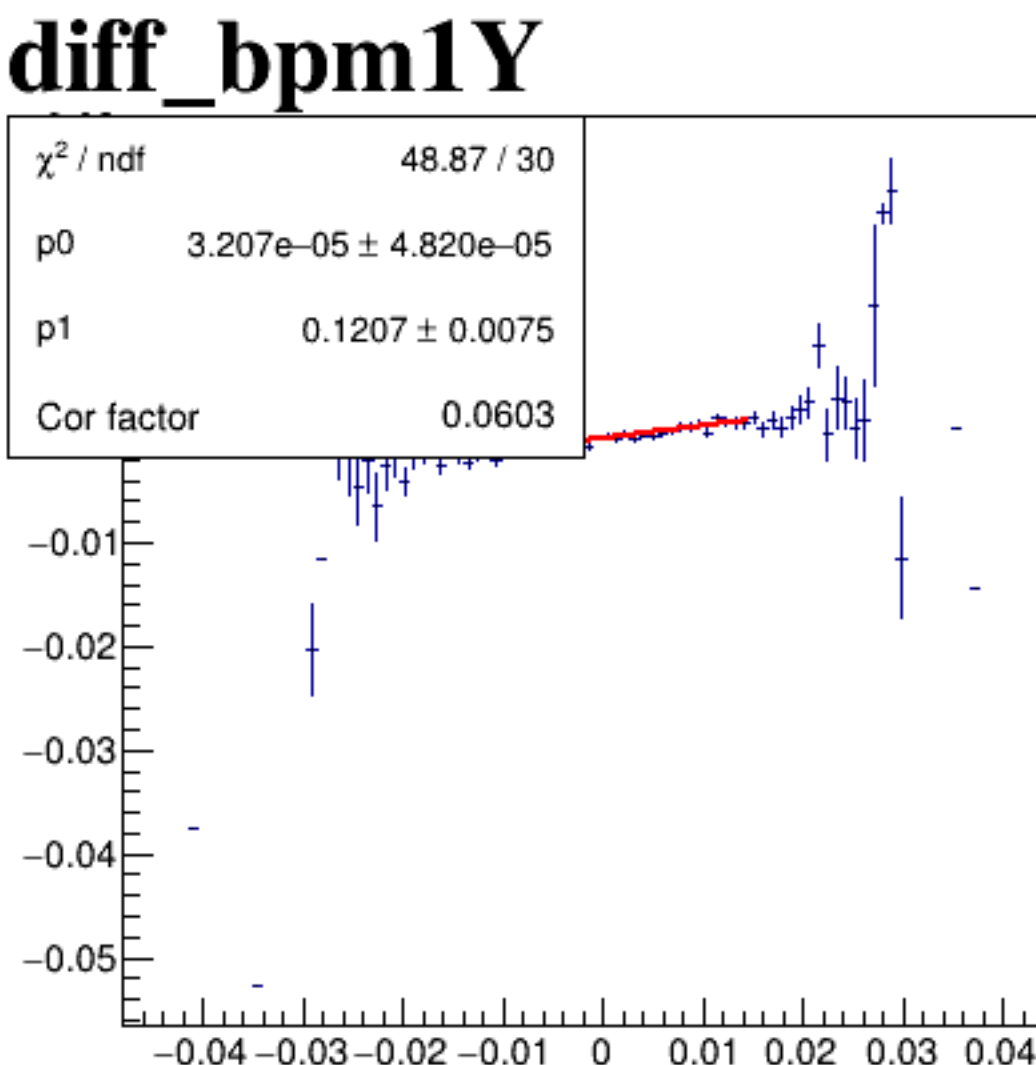
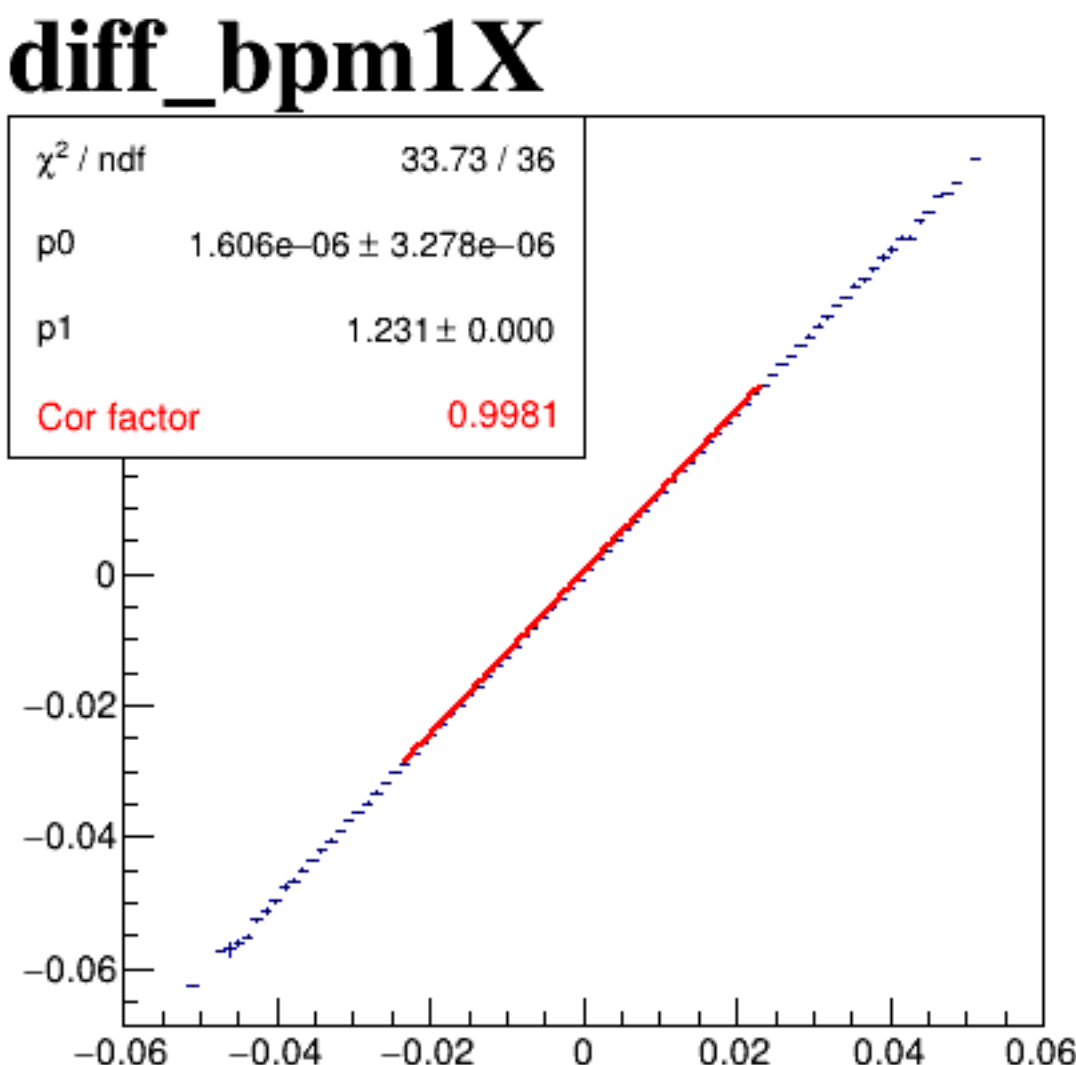
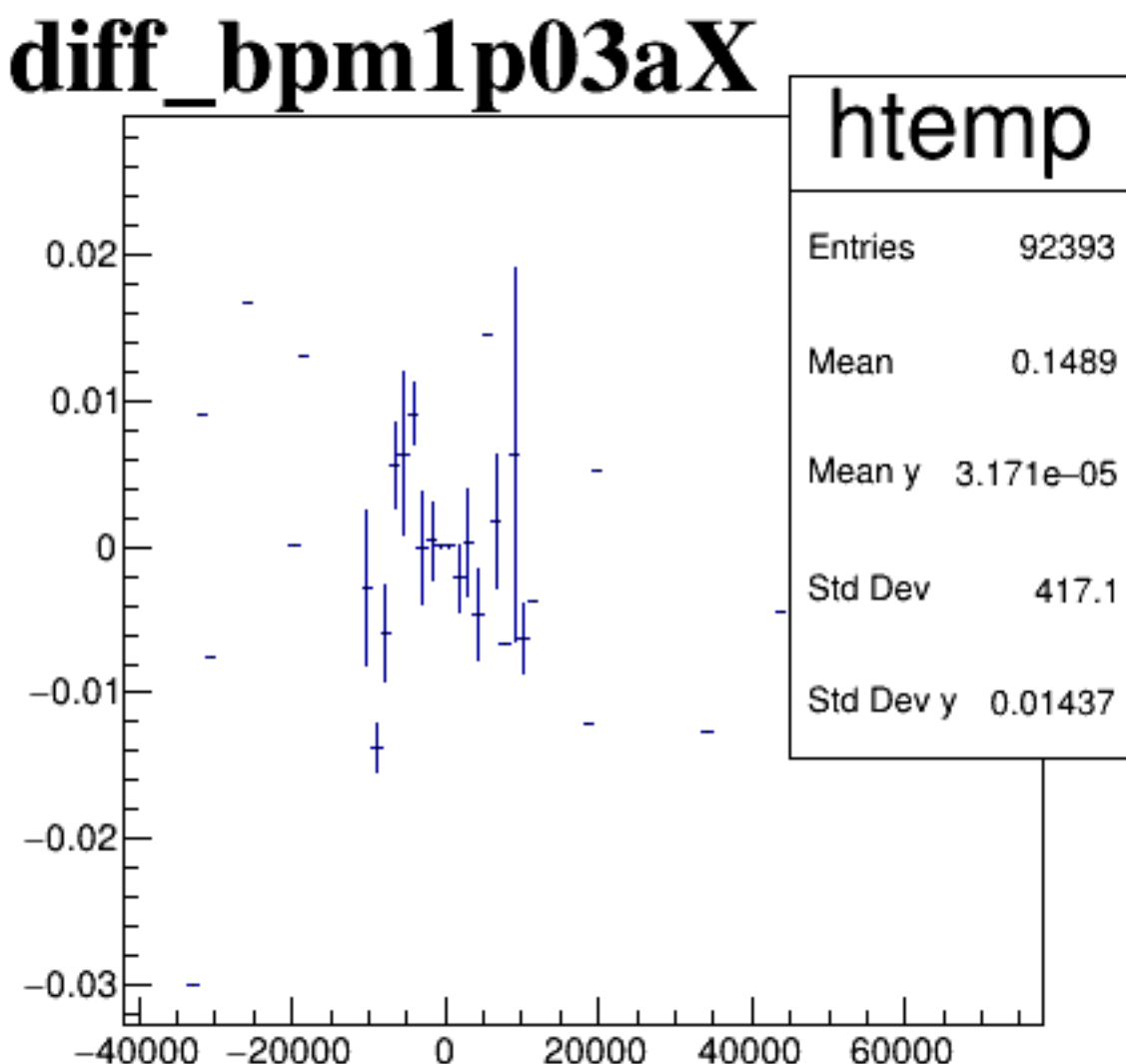
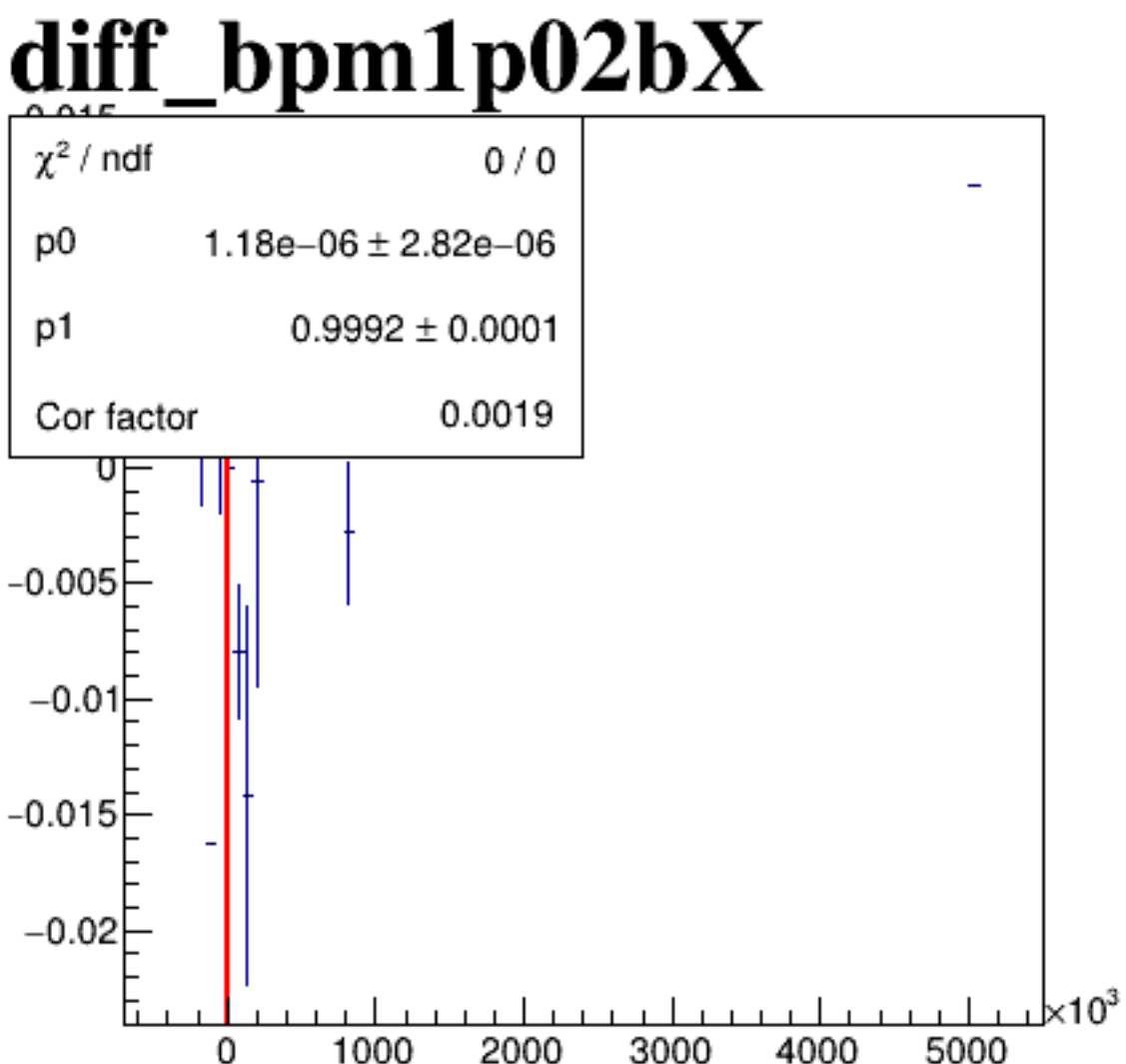
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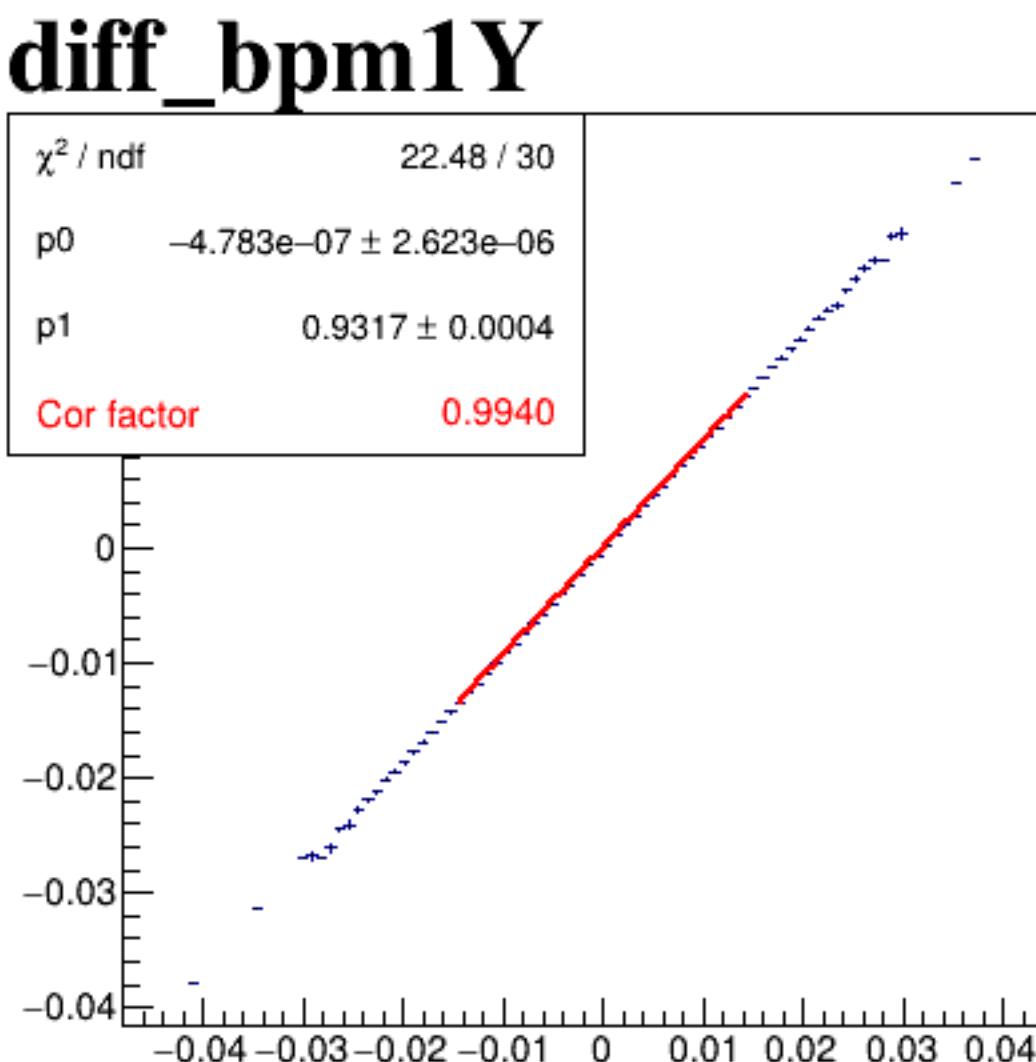
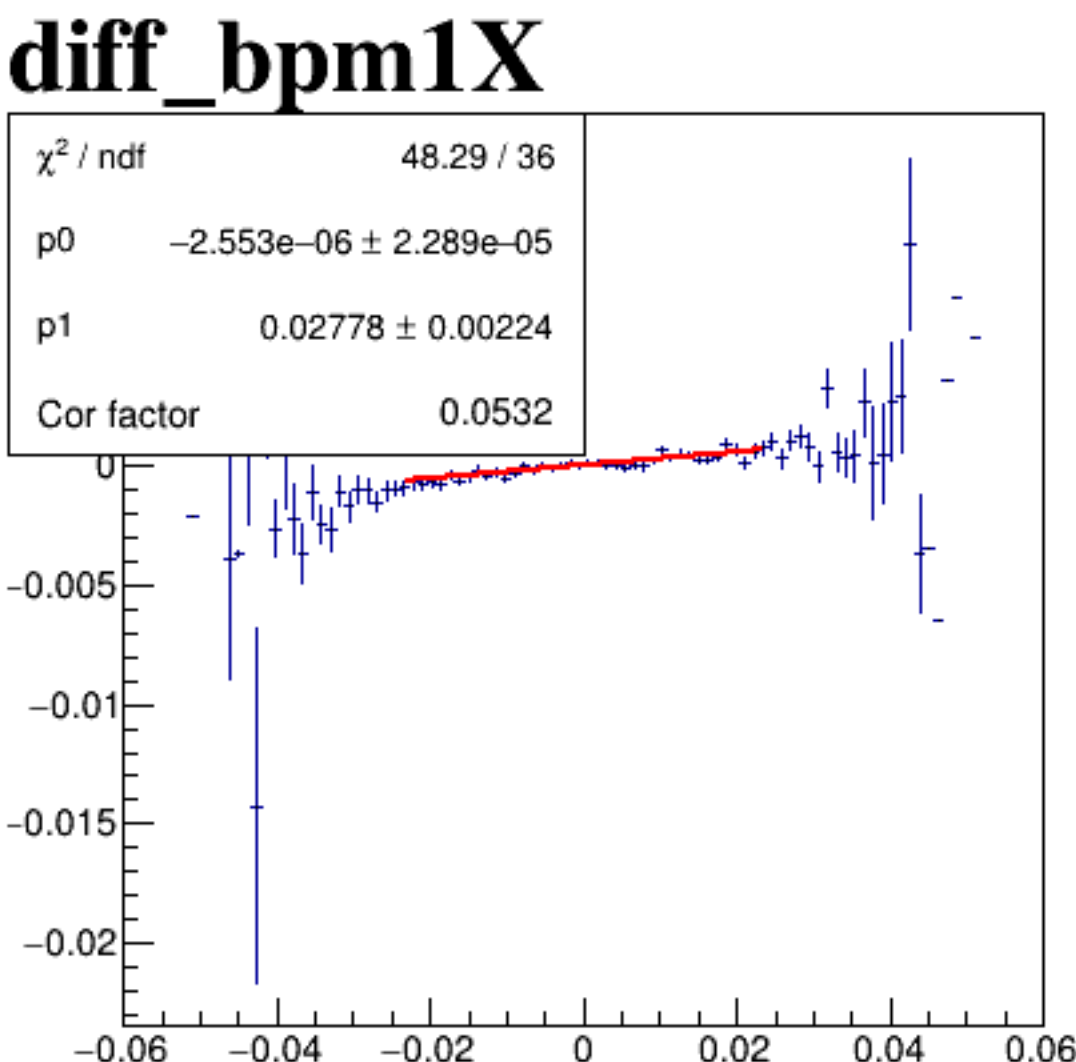
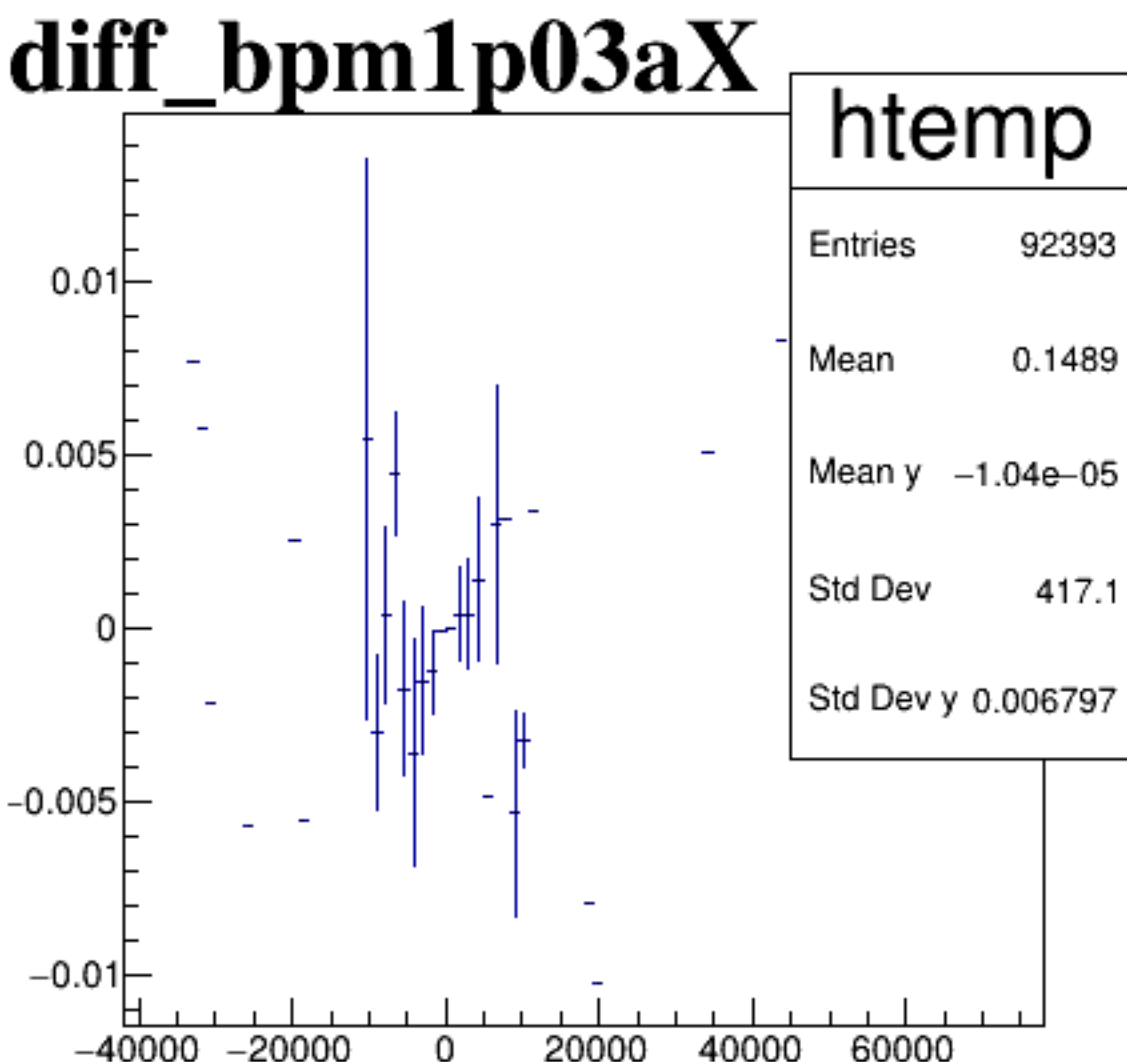
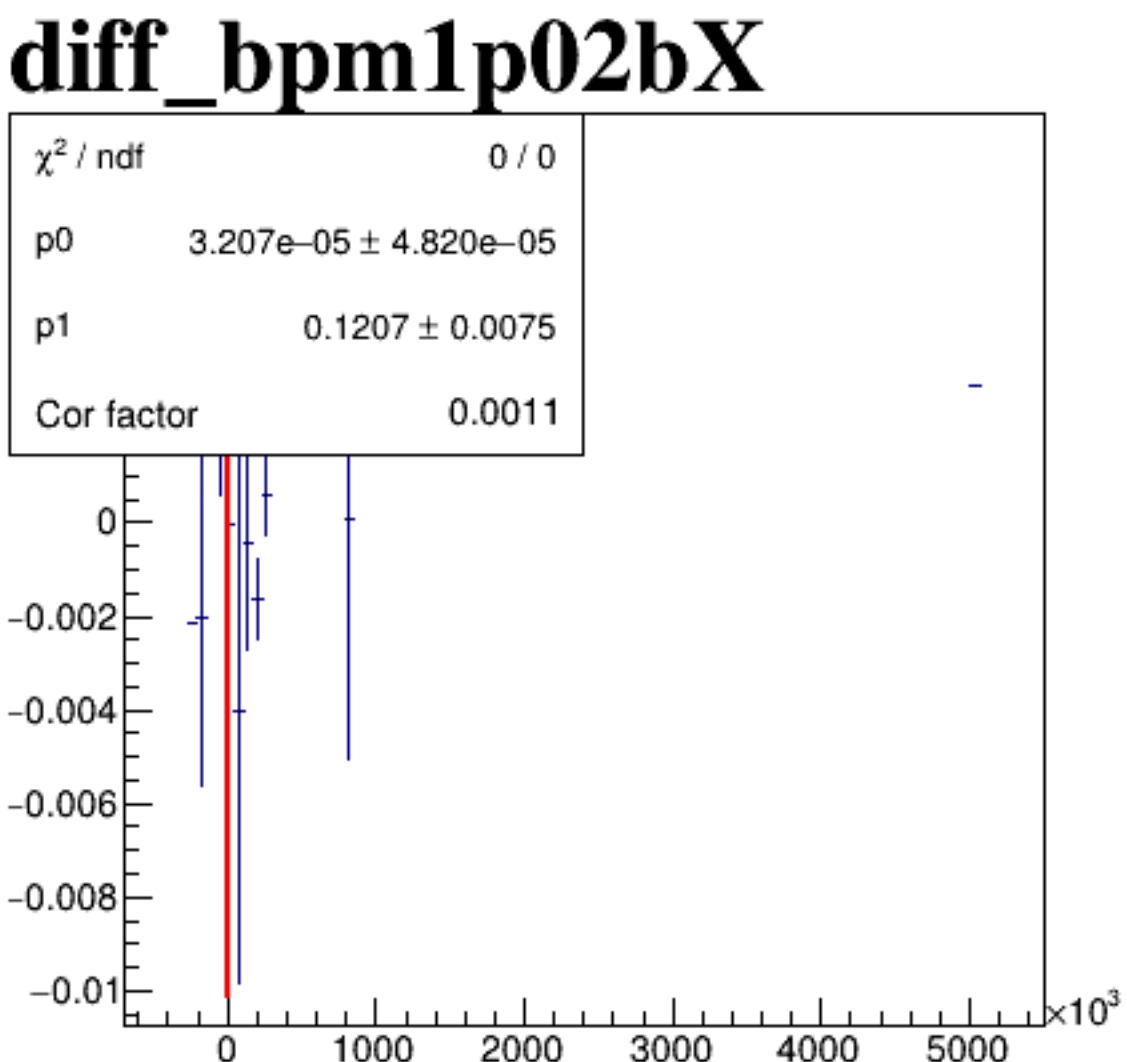
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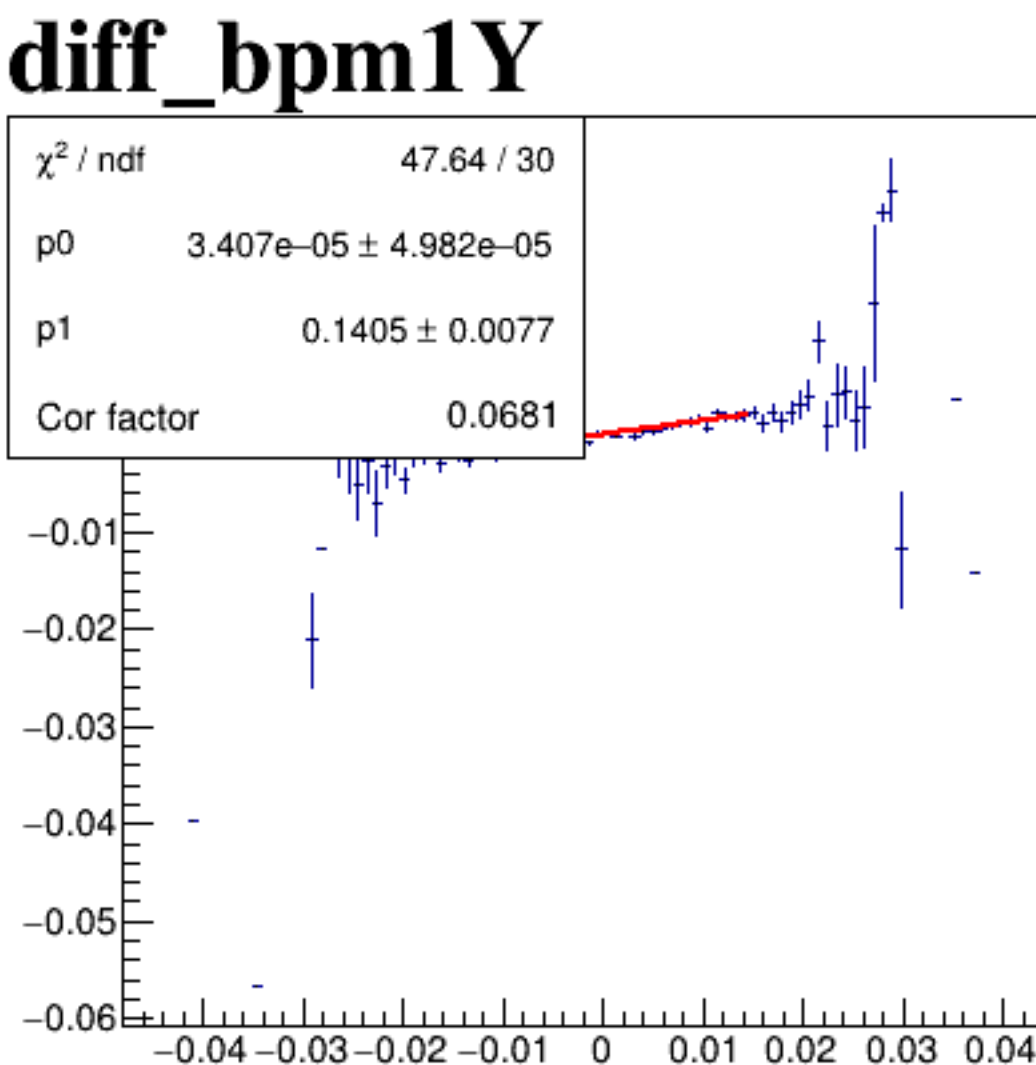
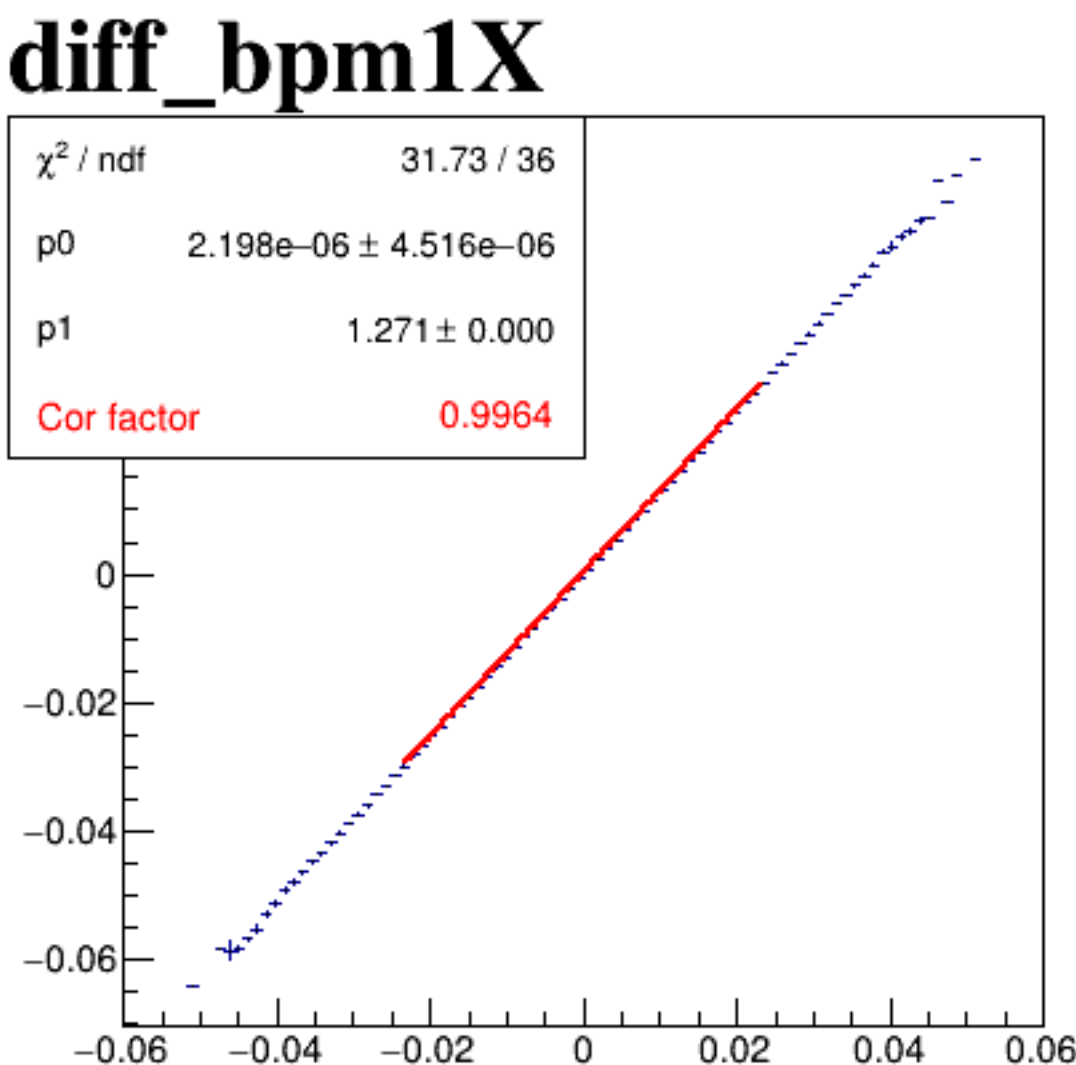
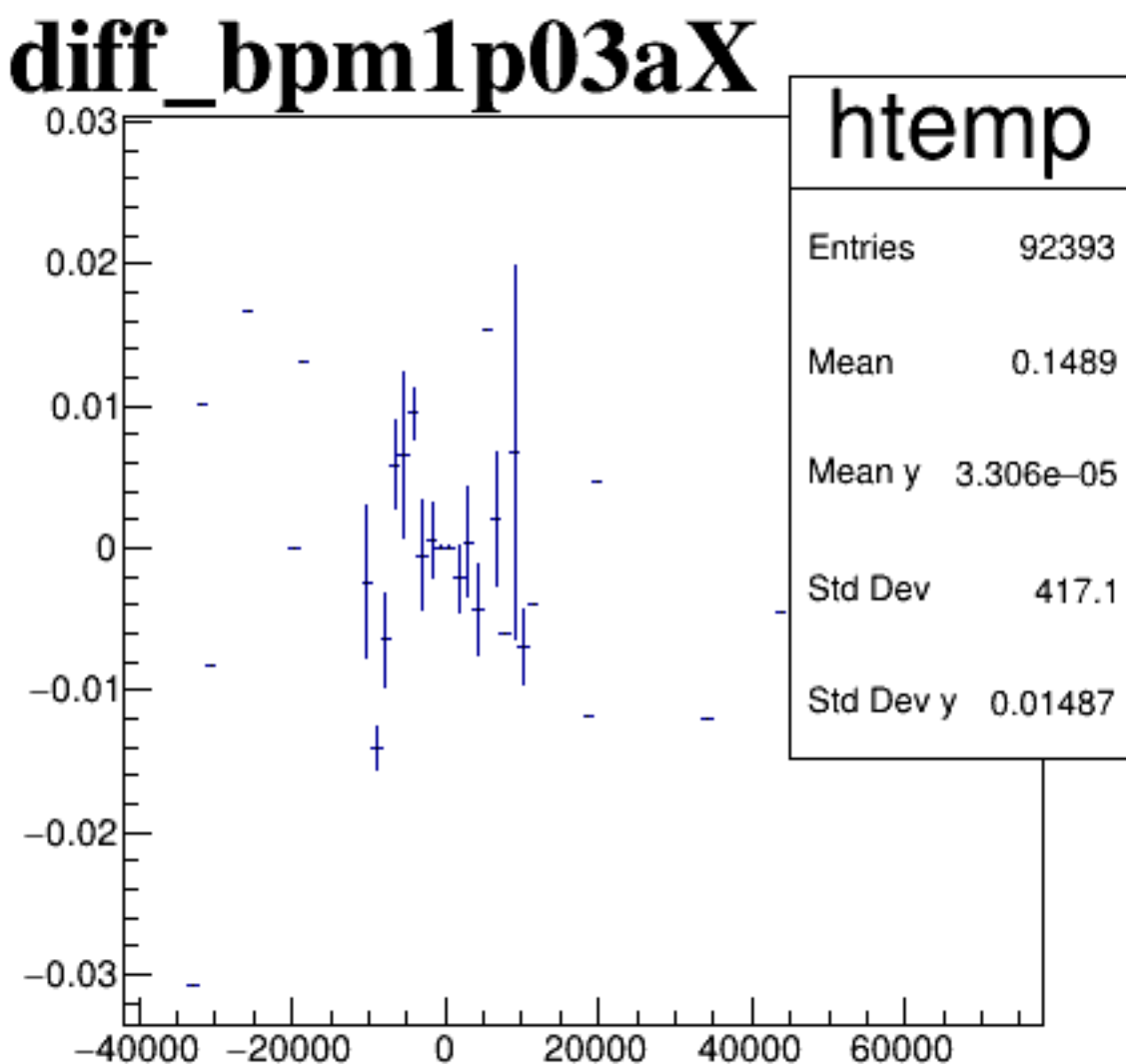
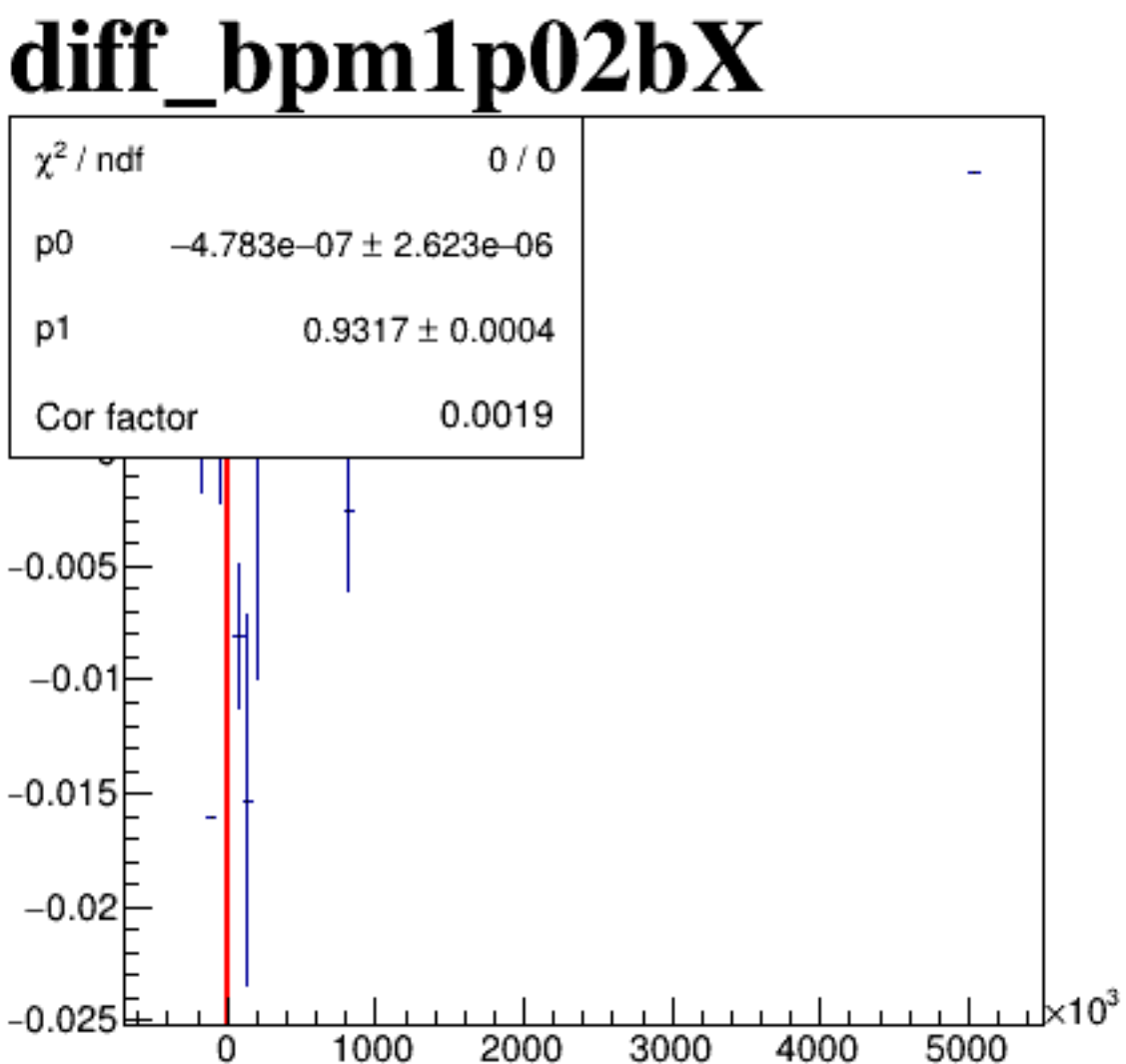
diff_bpm4aX



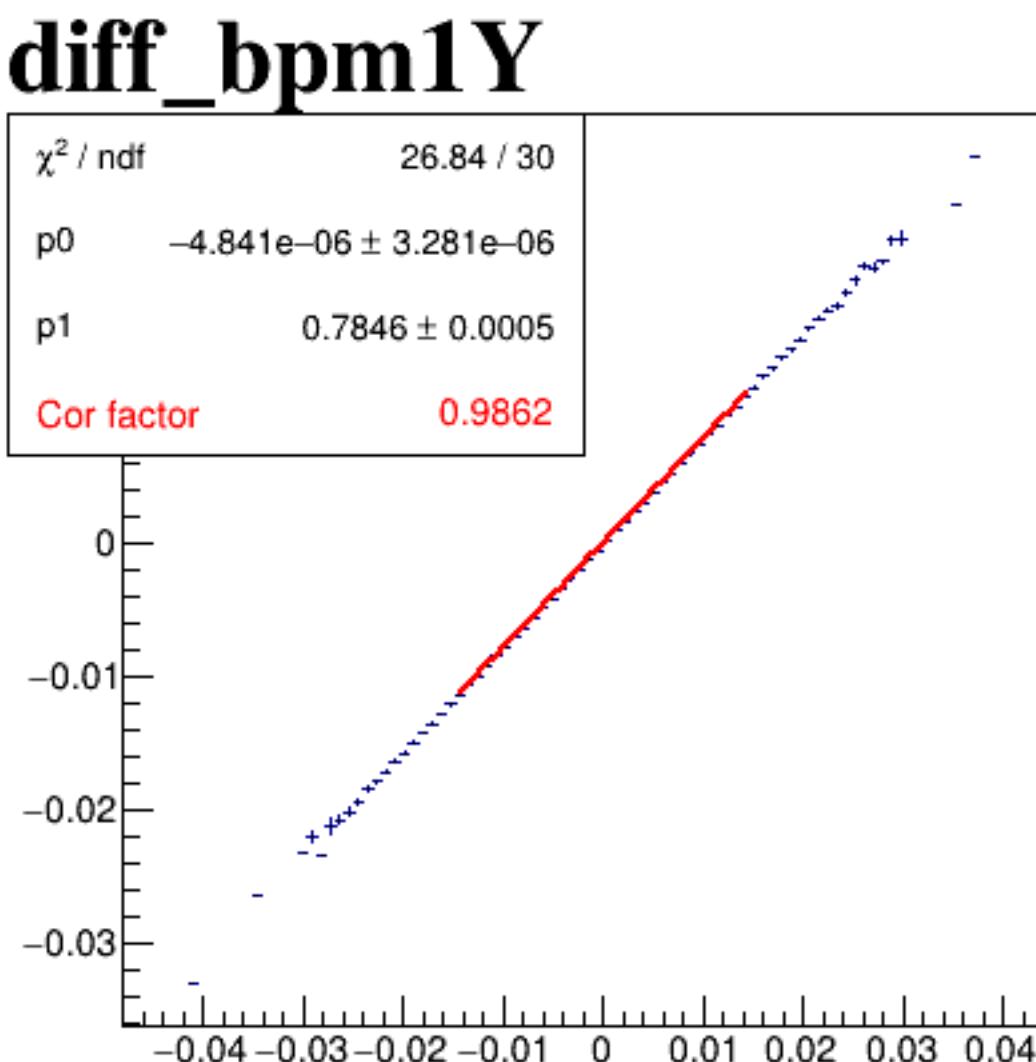
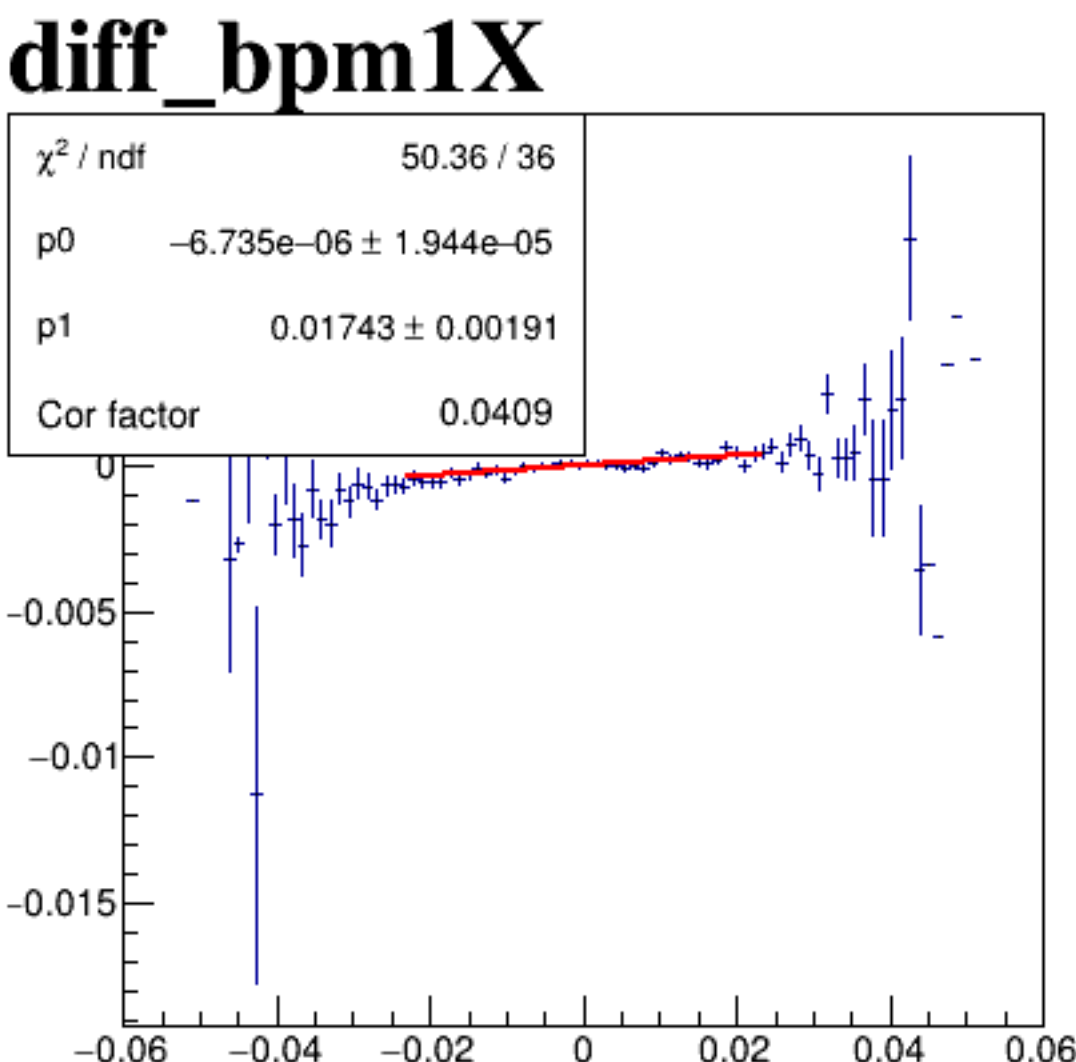
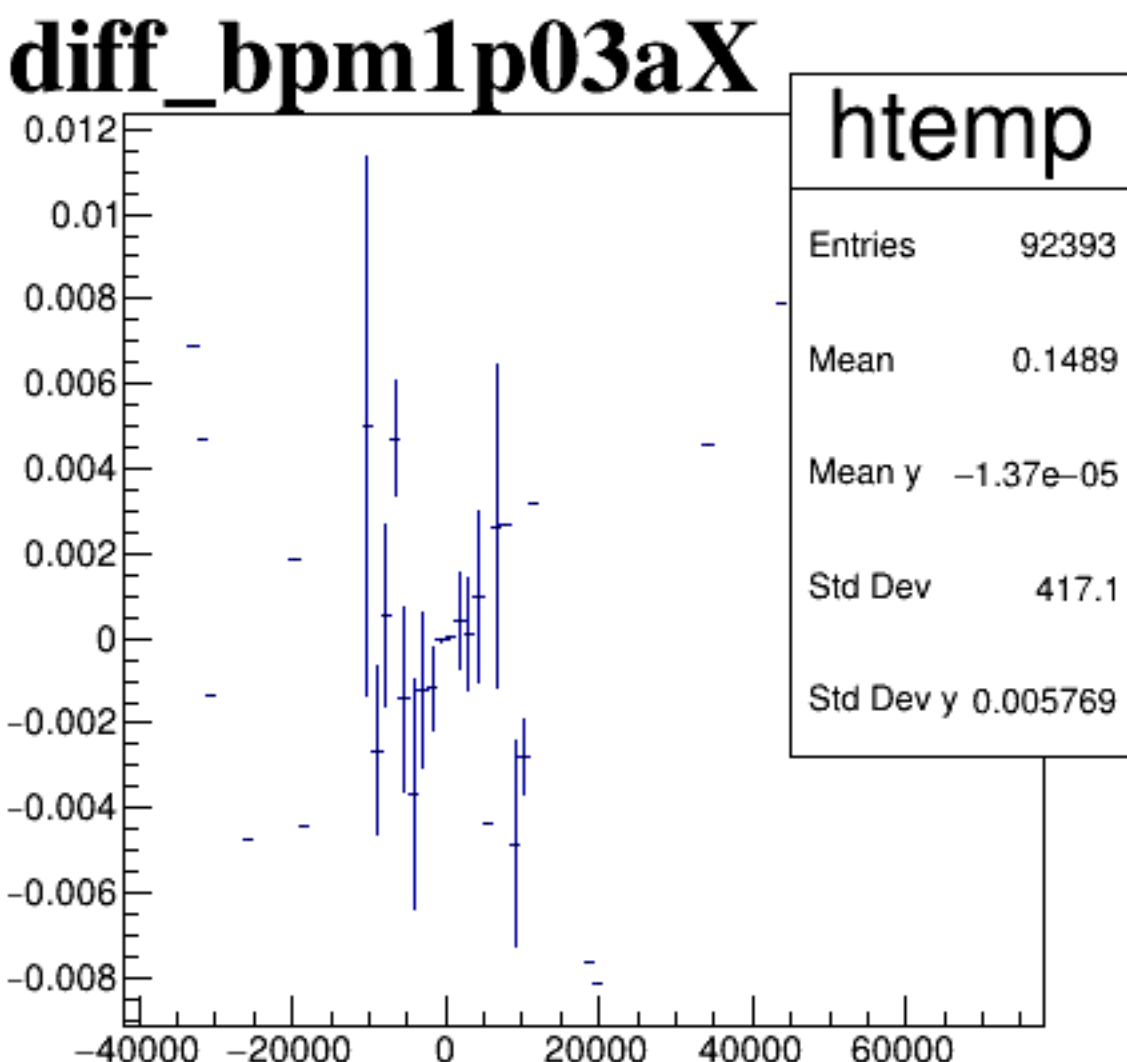
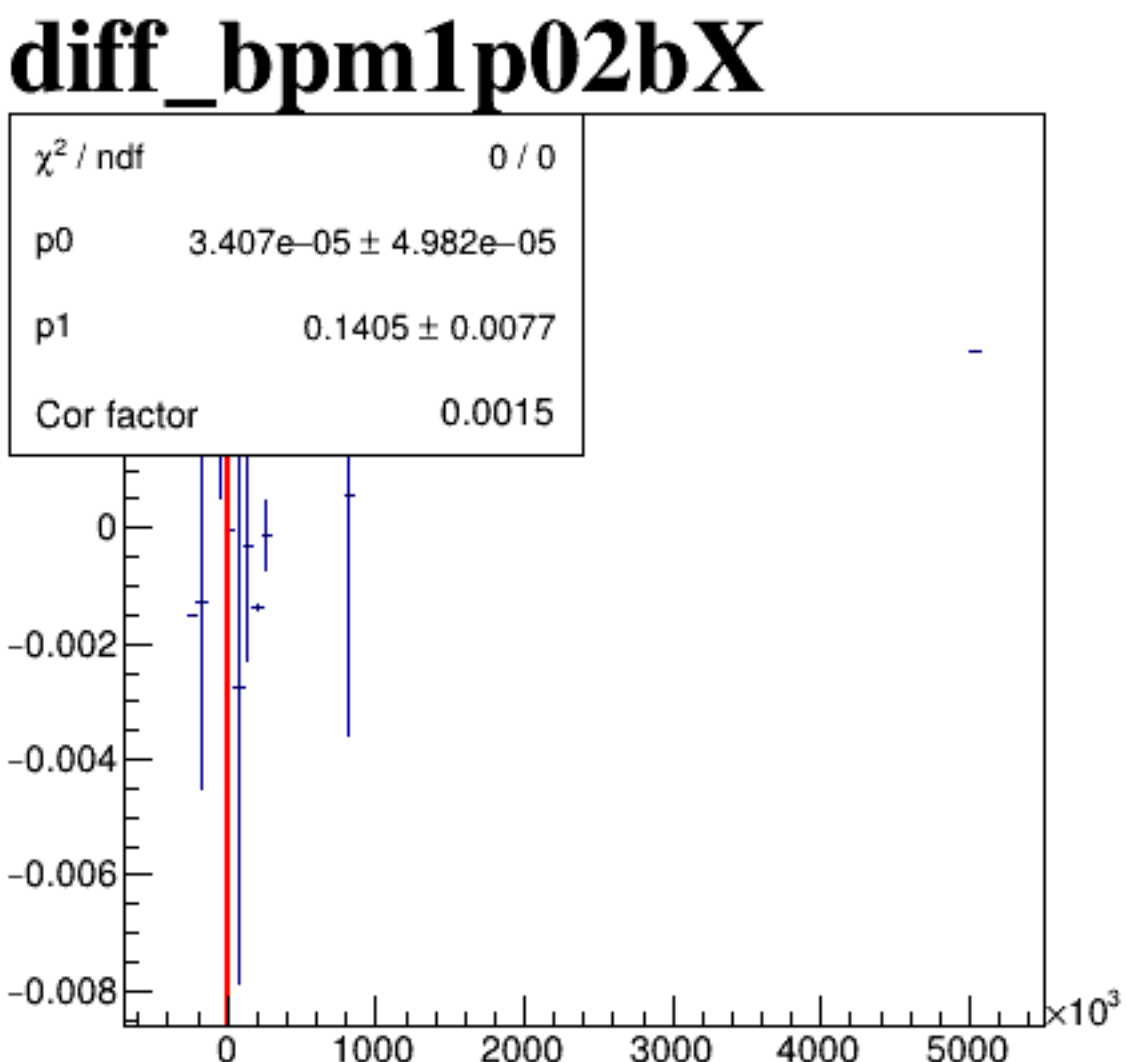
diff_bpm4aY



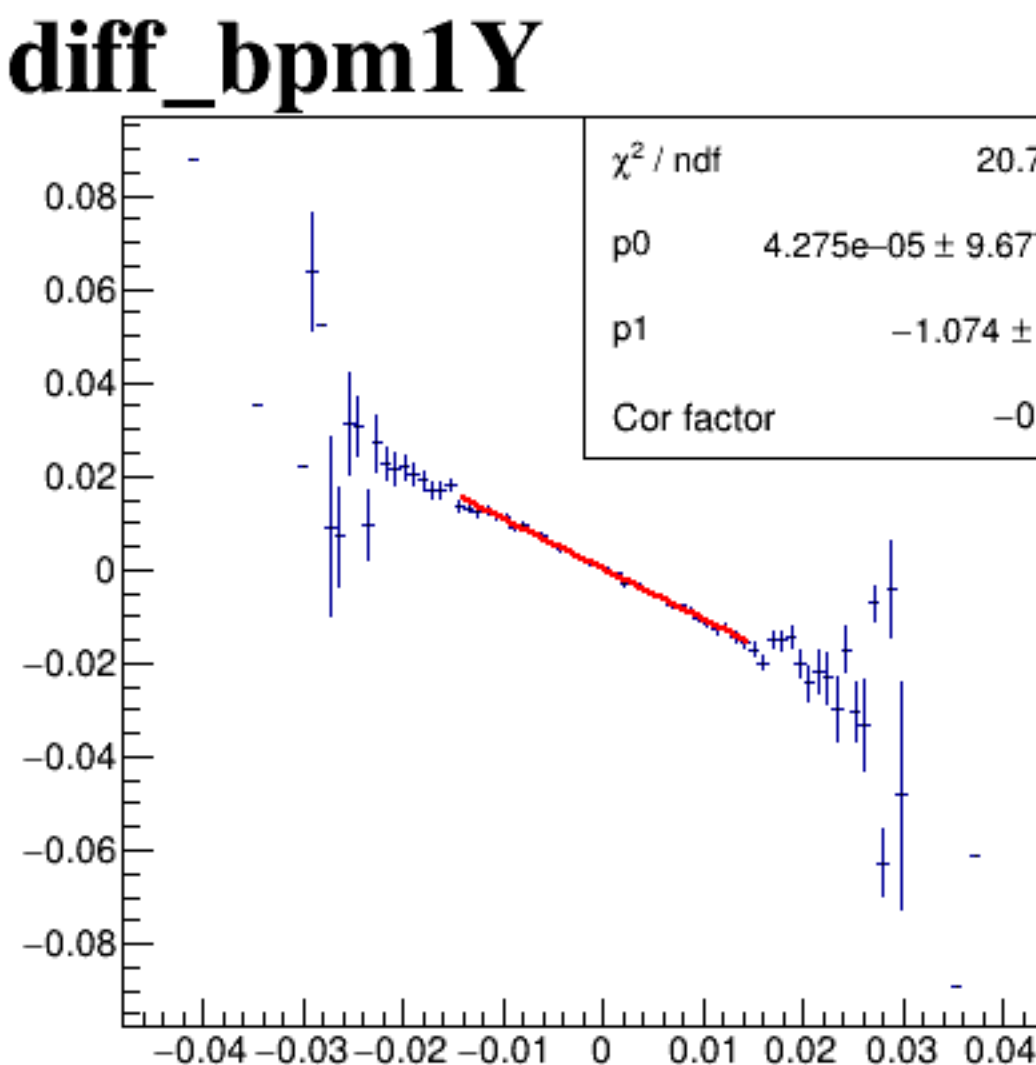
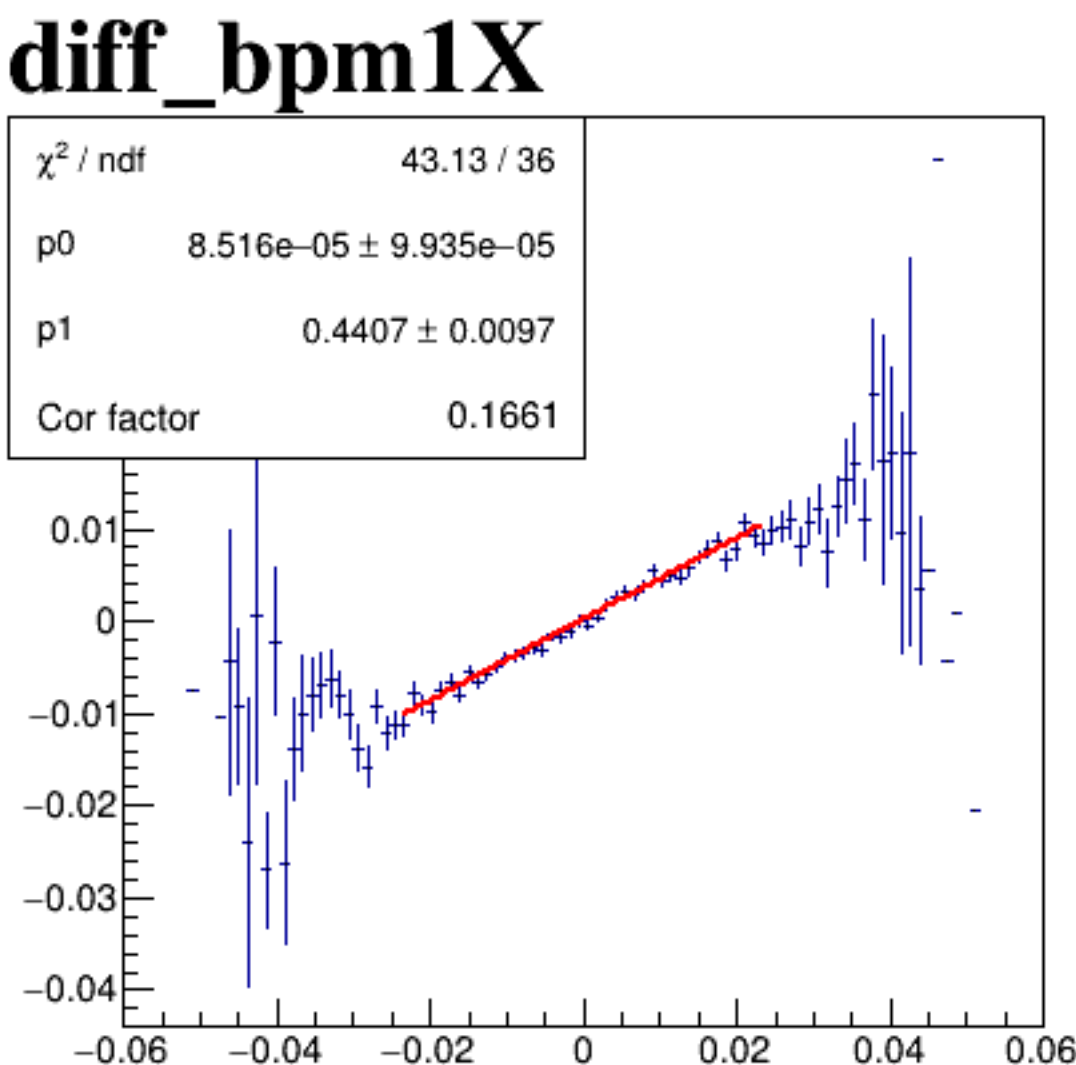
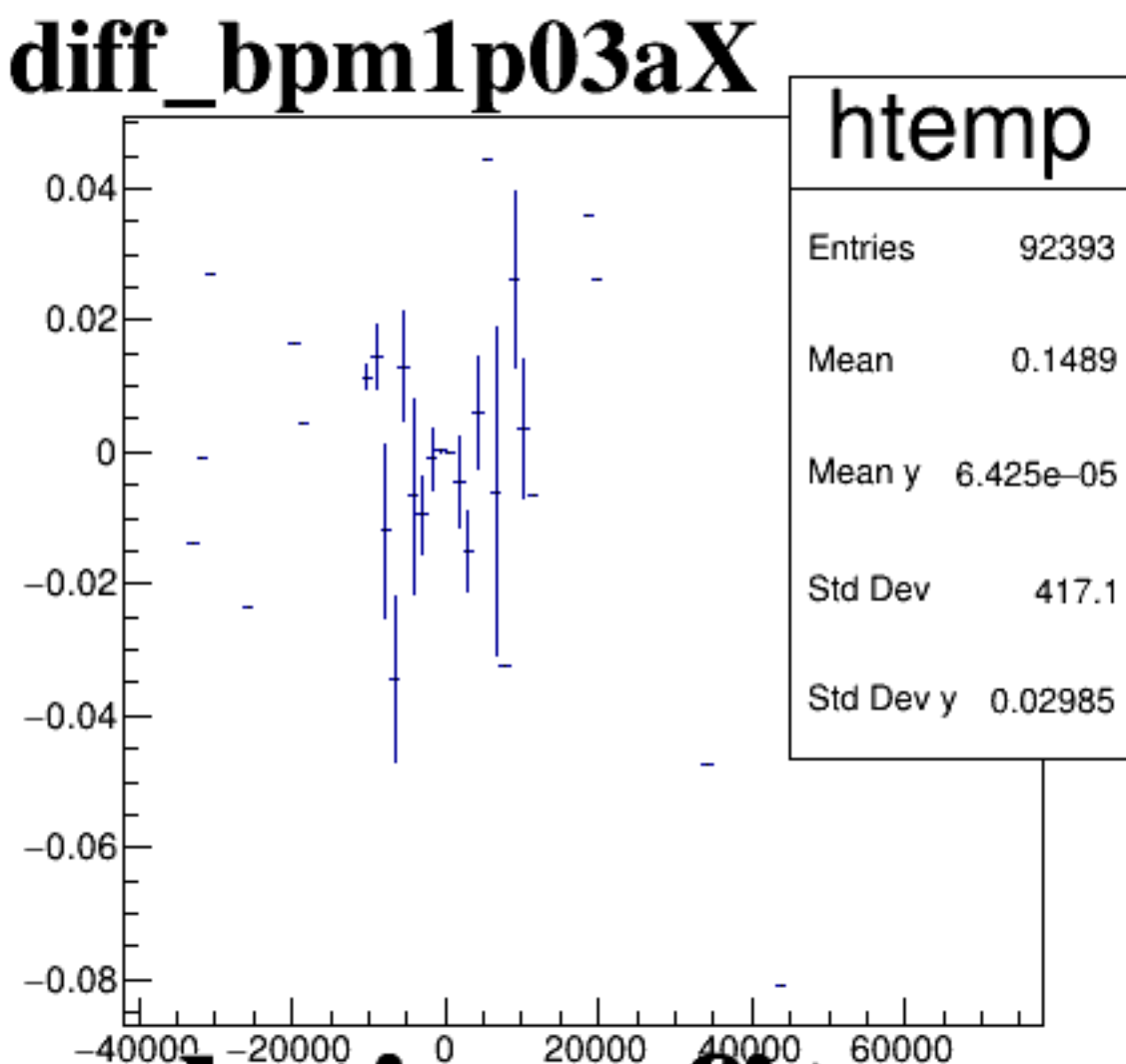
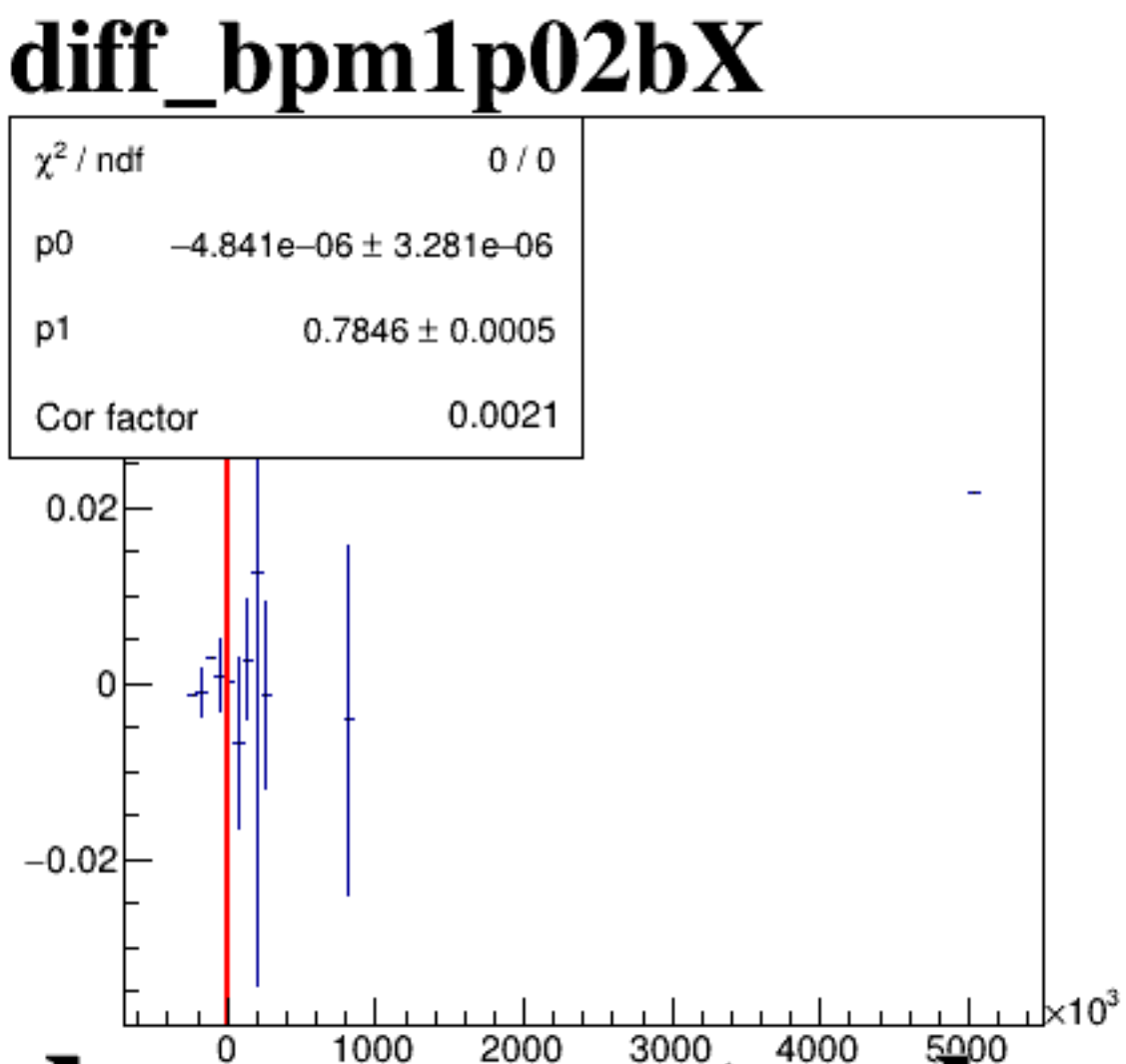
diff_bpm4eX



diff_bpm4eY



diff_bpm12X

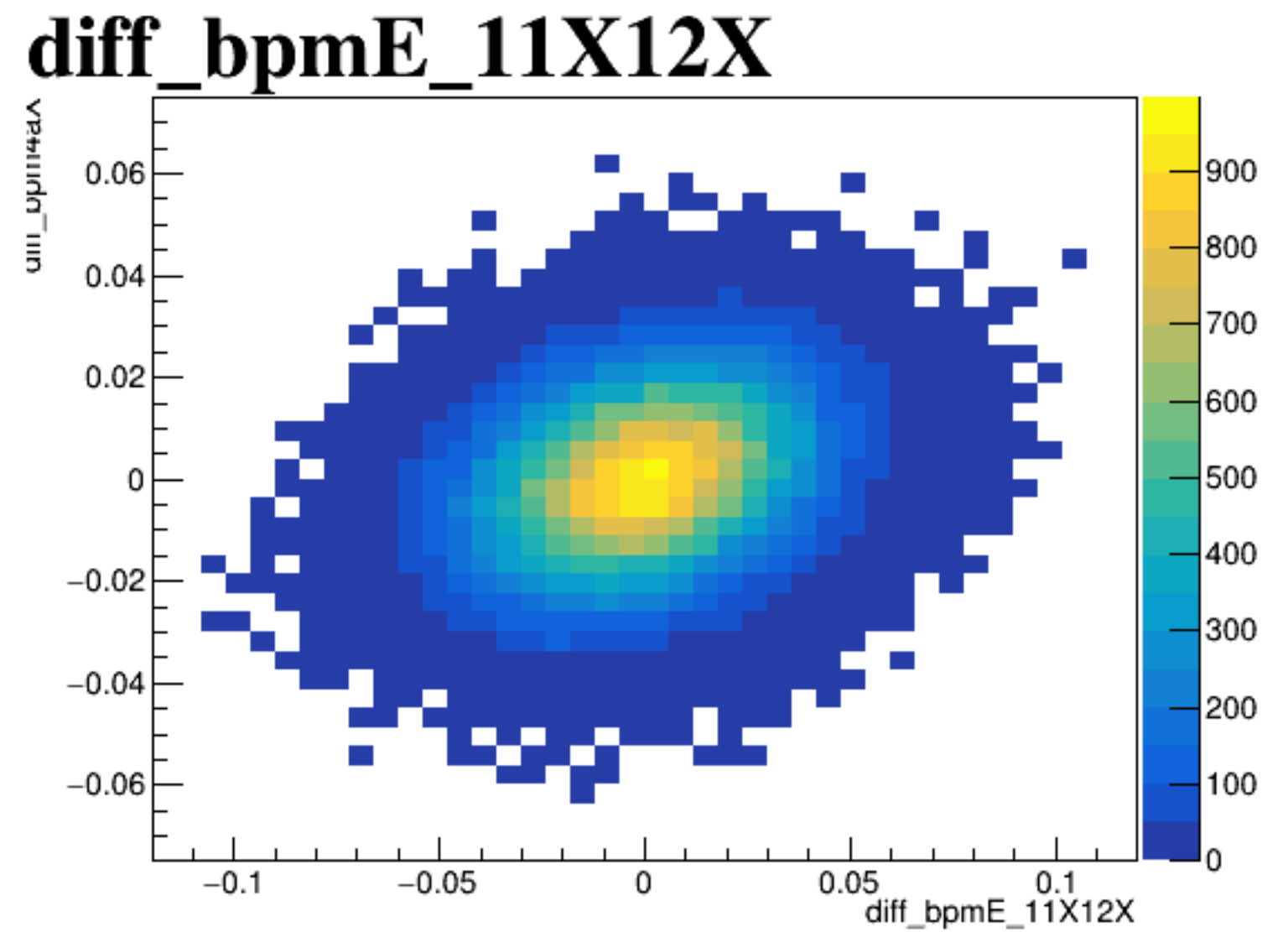
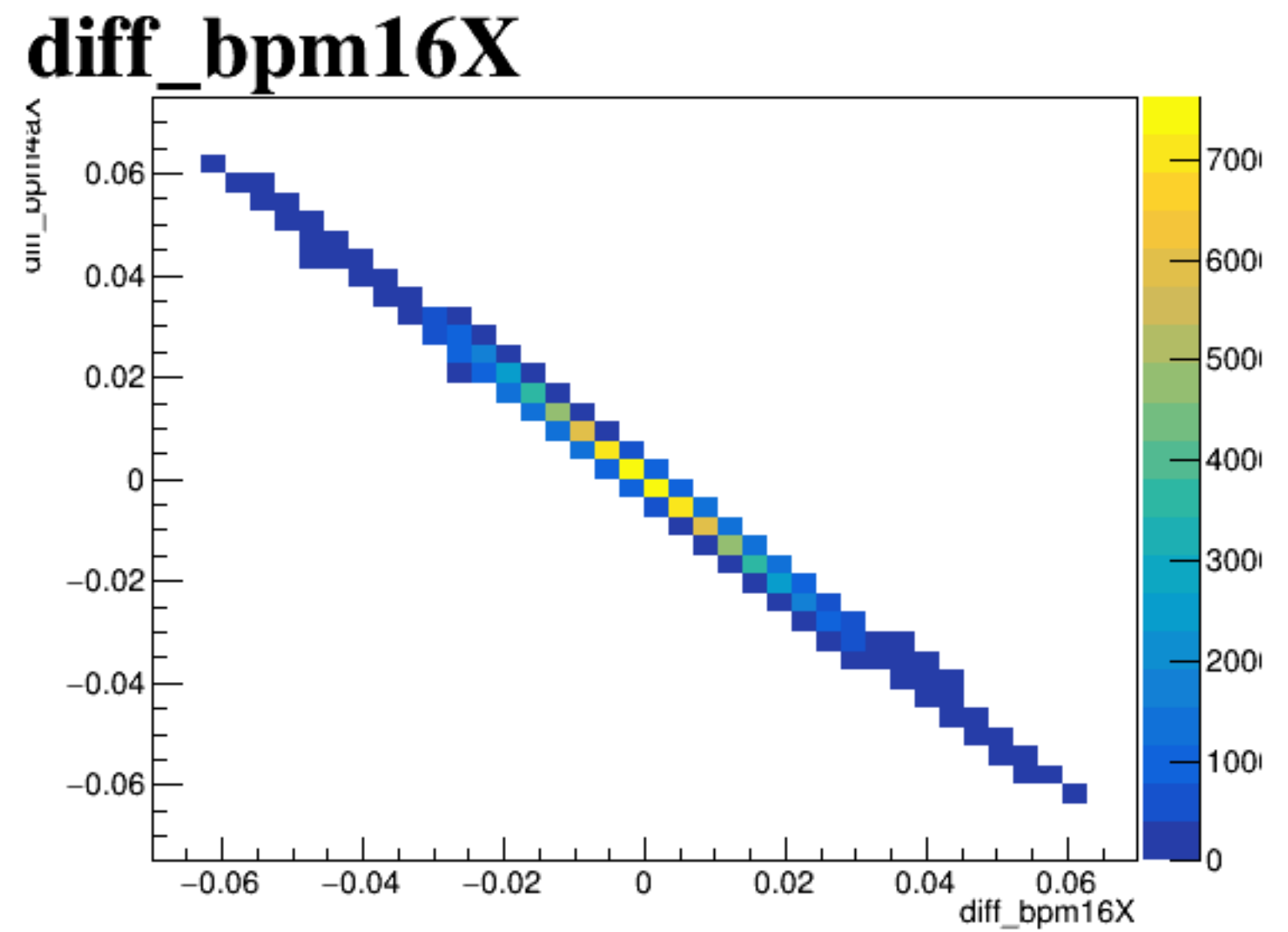
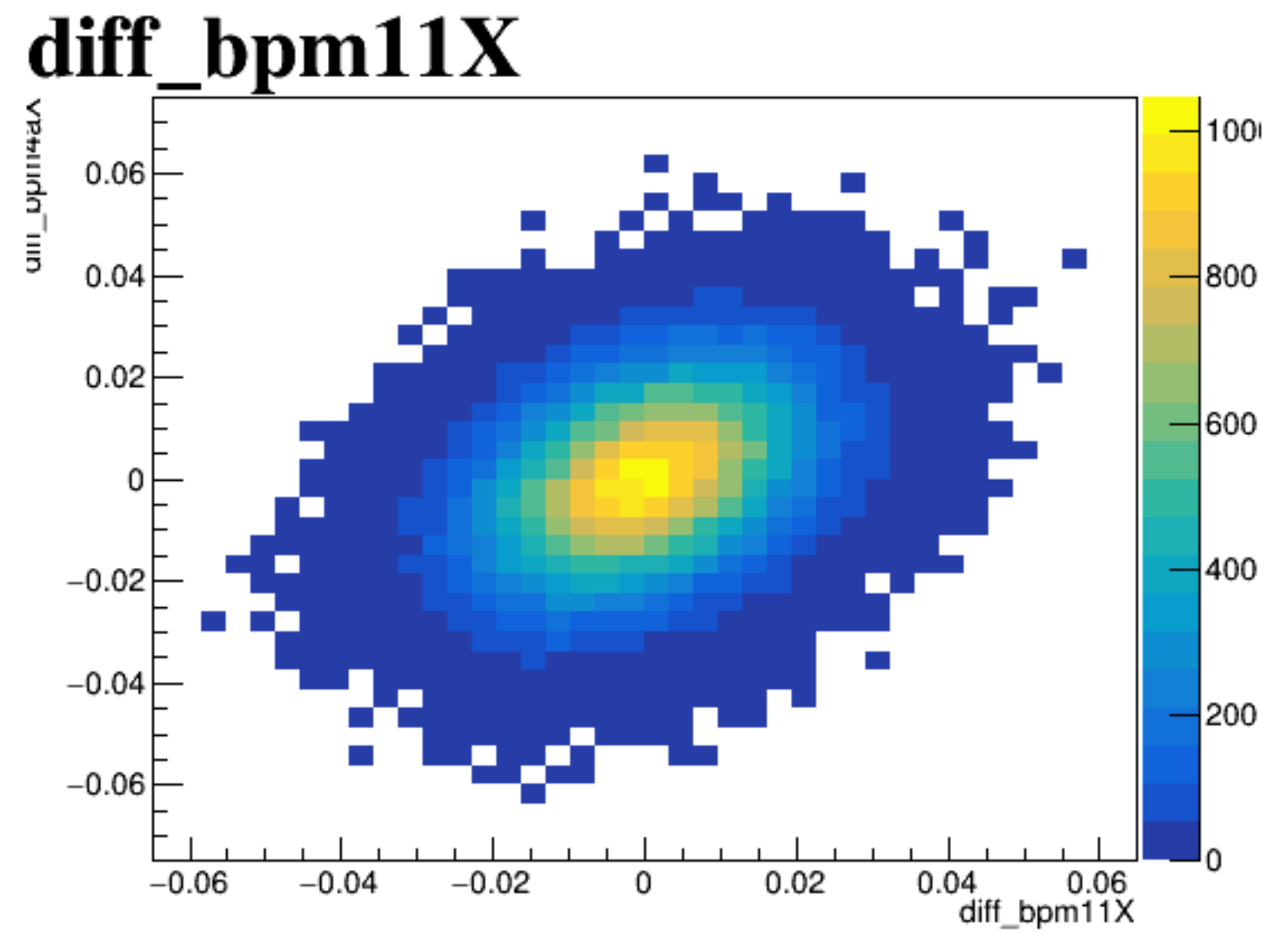


A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The data points are tightly clustered along a diagonal line from the bottom-left to the top-right, indicating a very strong positive linear correlation. The axes range from -0.06 to 0.06 with major ticks every 0.02 units.

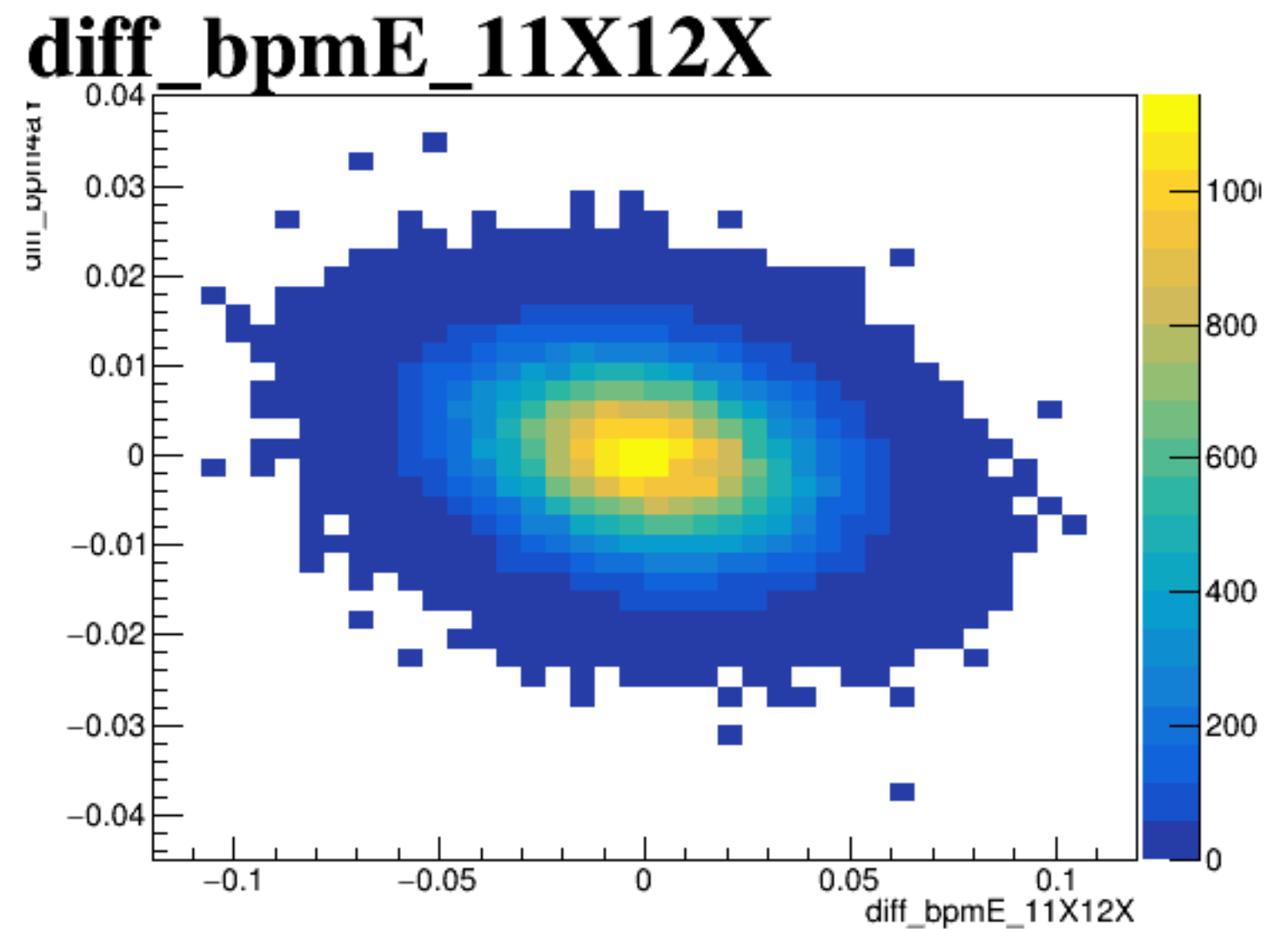
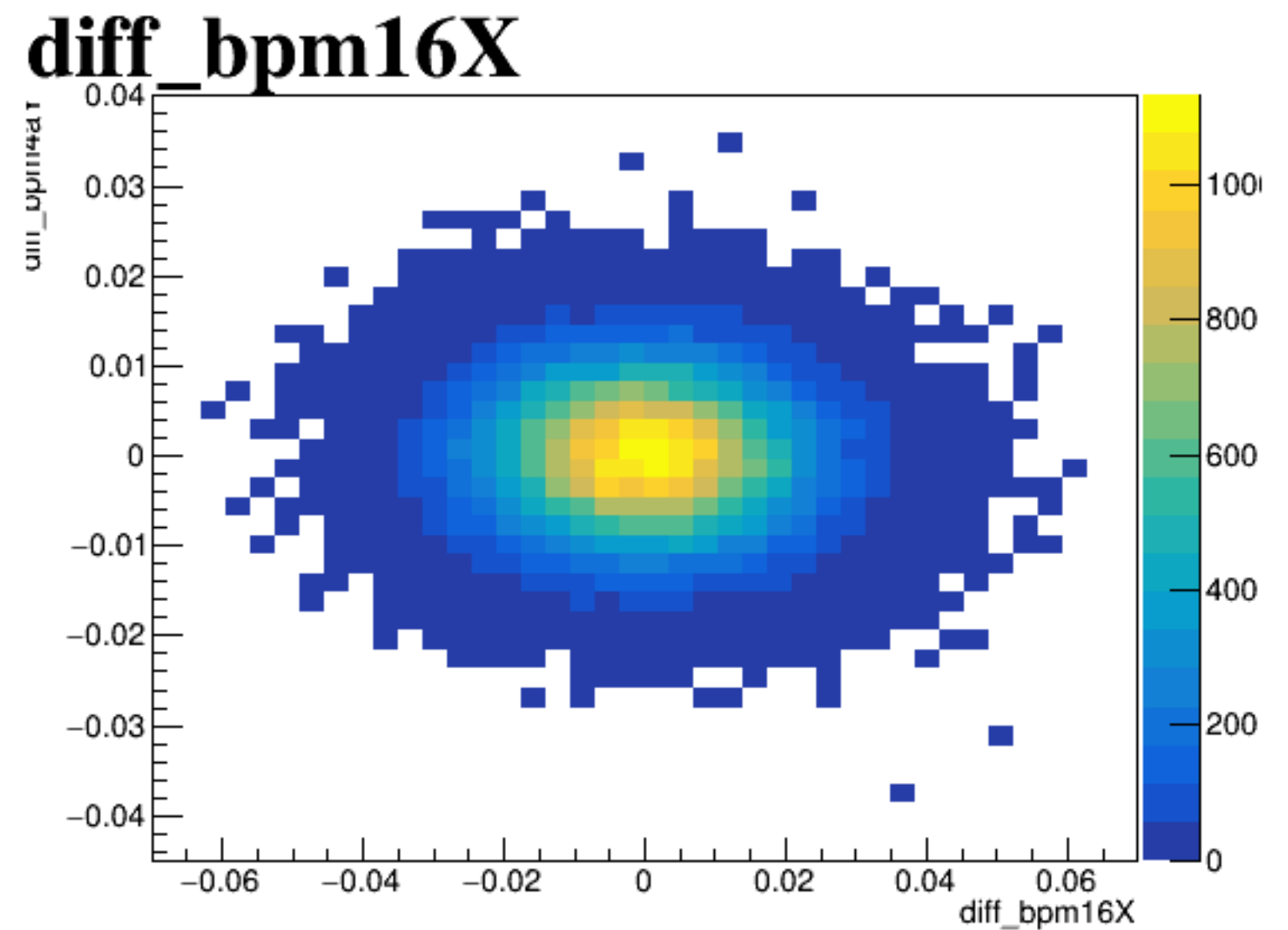
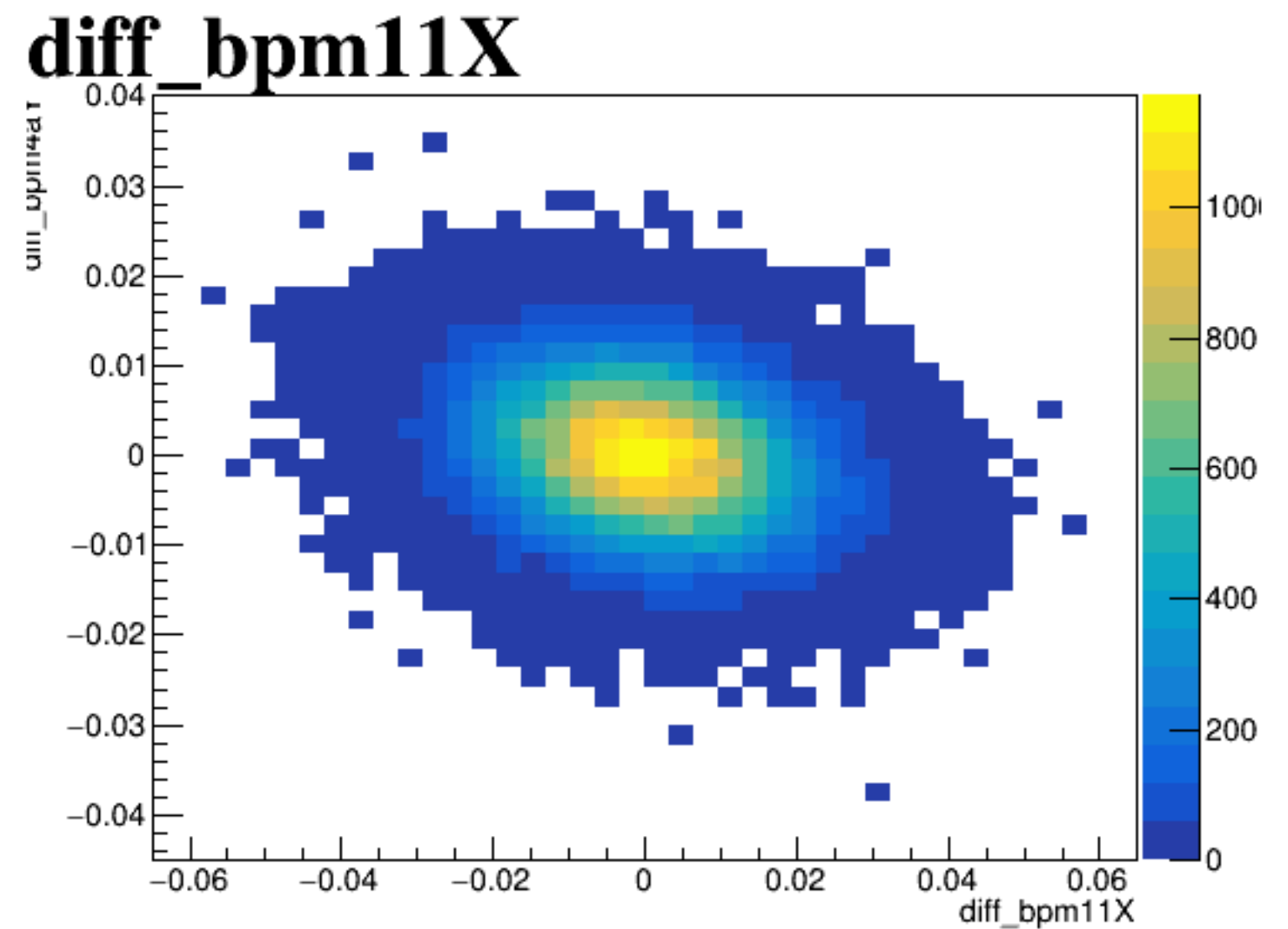
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The x-axis and y-axis both range from -0.04 to 0.04 with major tick marks every 0.01. The data points are tightly clustered along a diagonal line from the bottom-left to the top-right, indicating a very strong positive linear correlation.

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

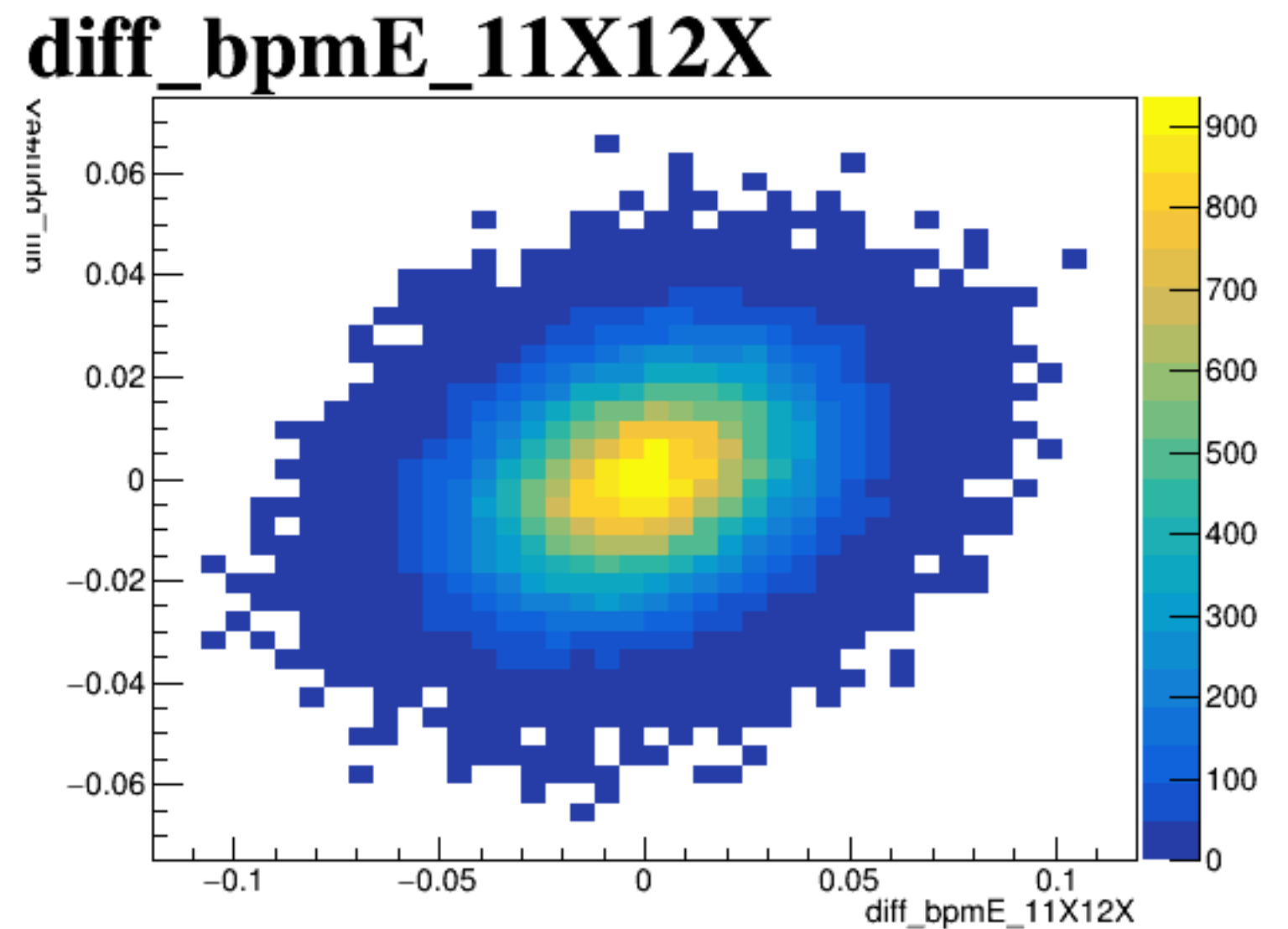
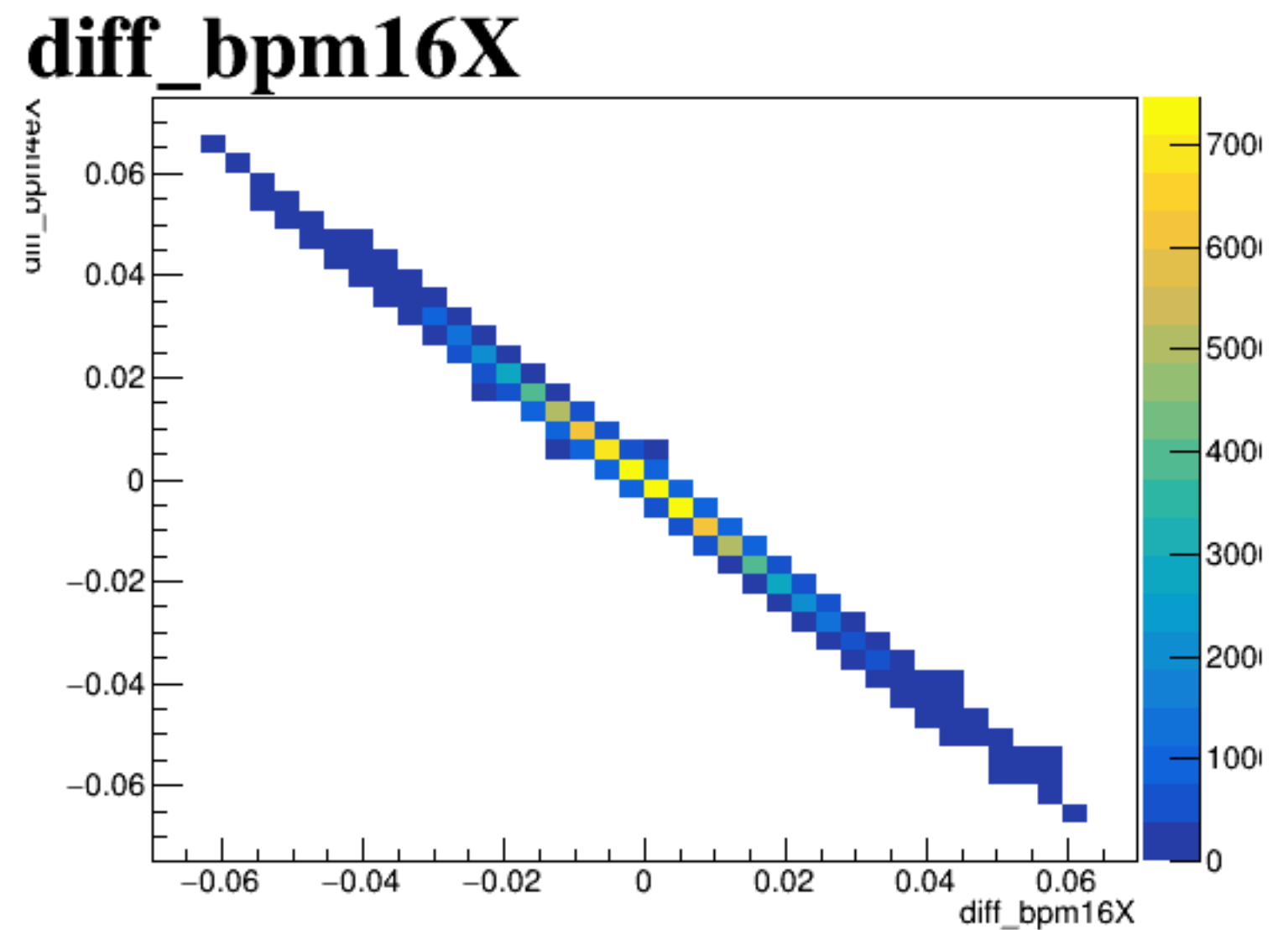
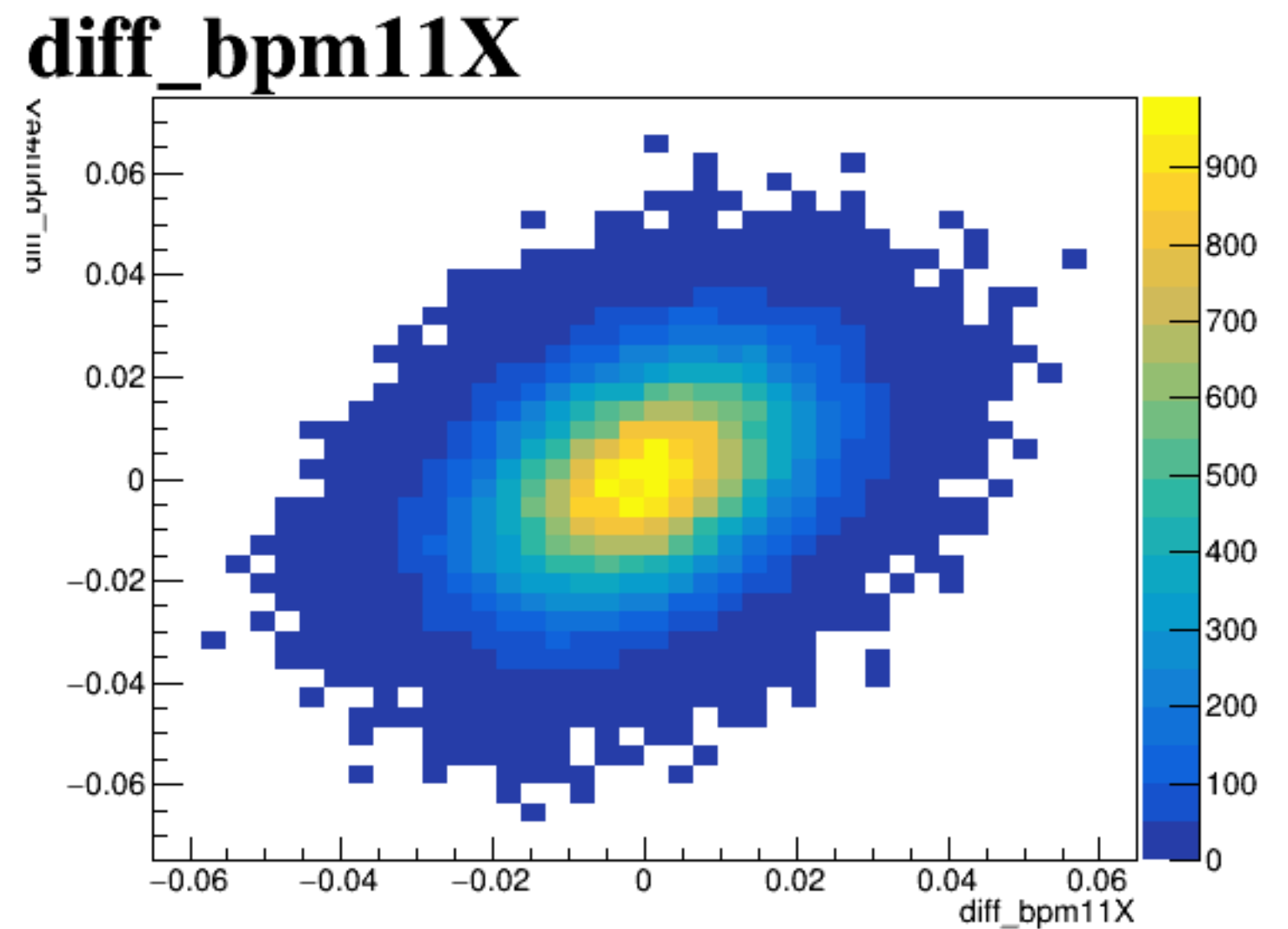
diff_bpm4aX



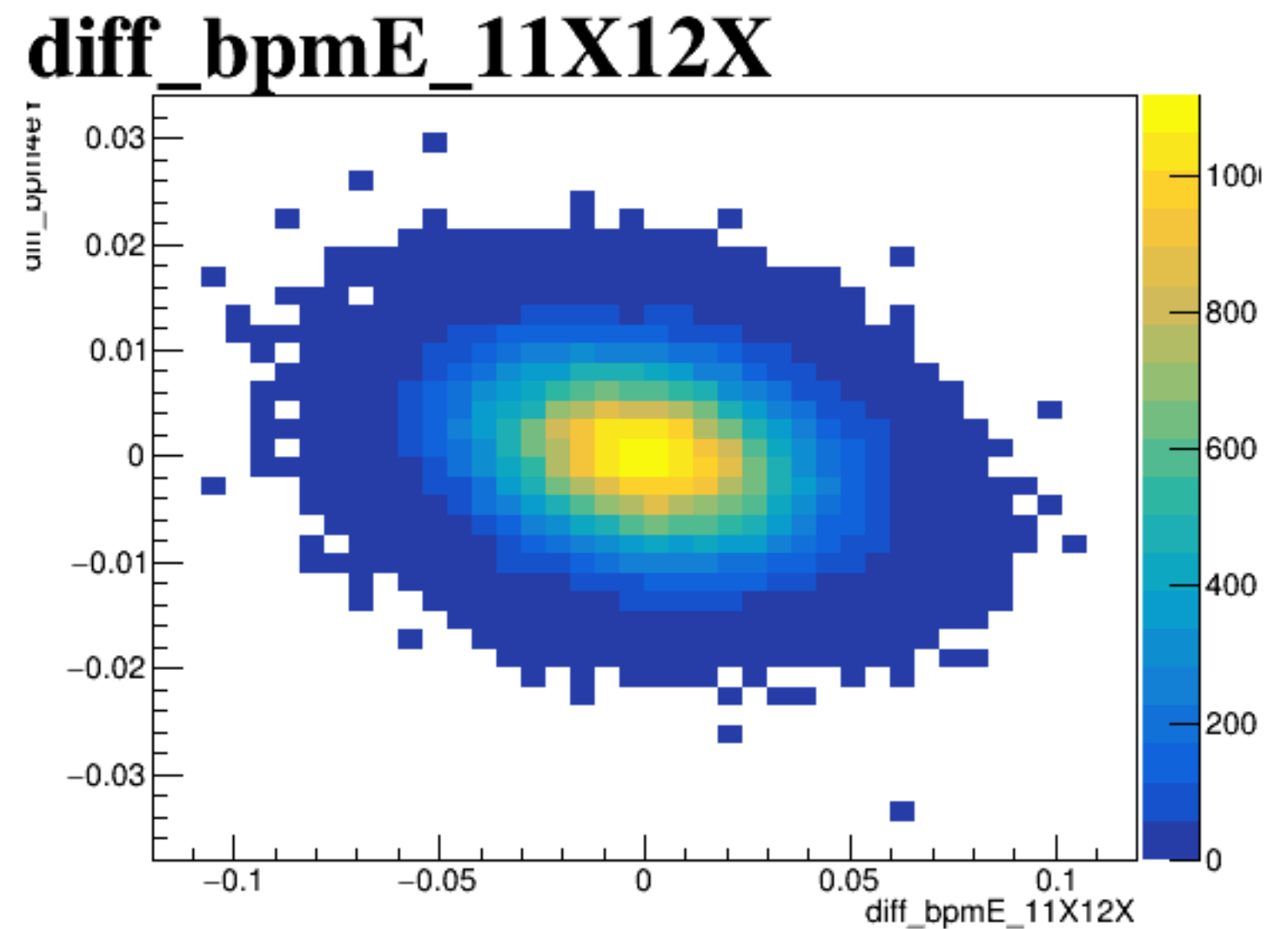
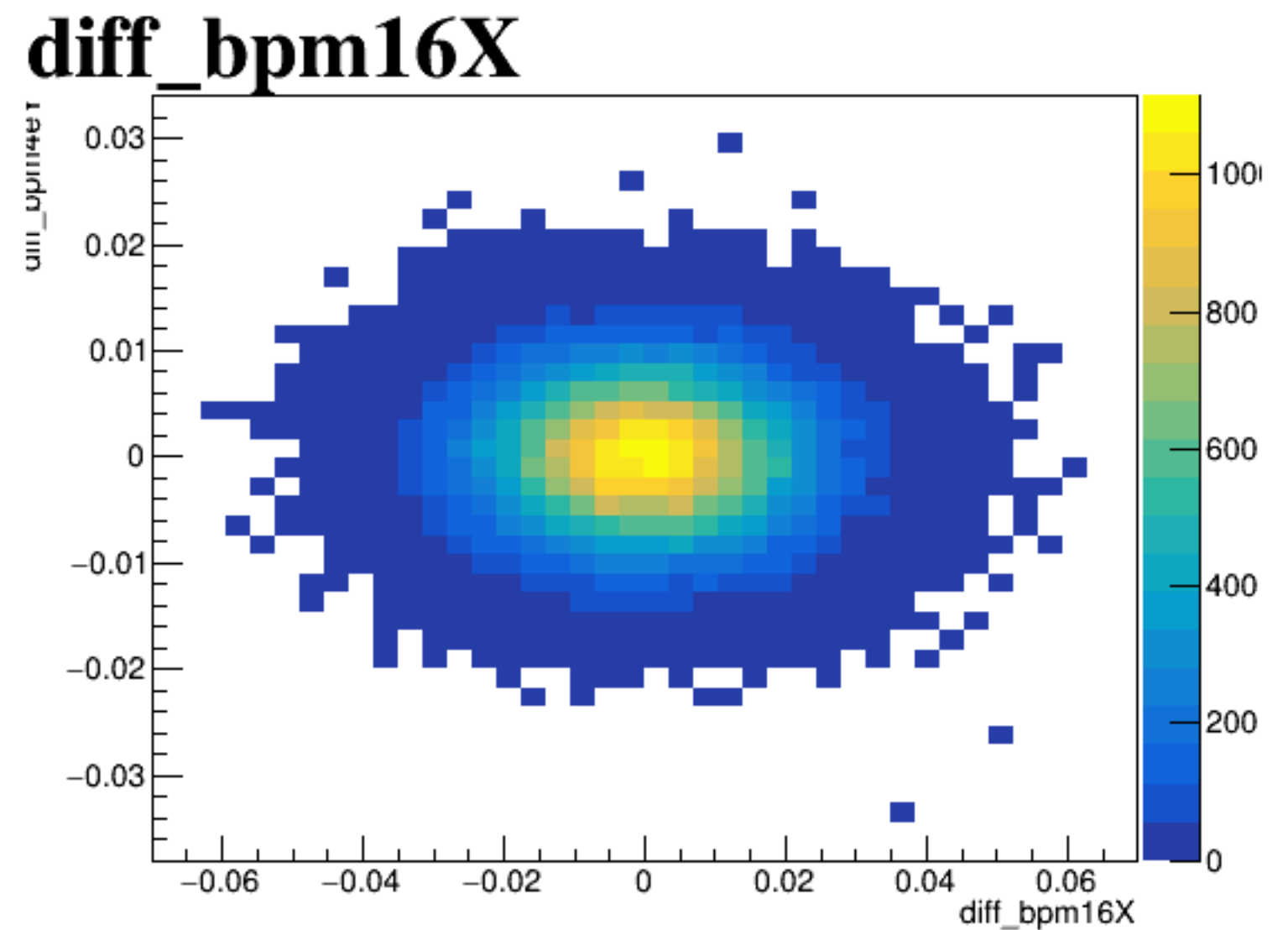
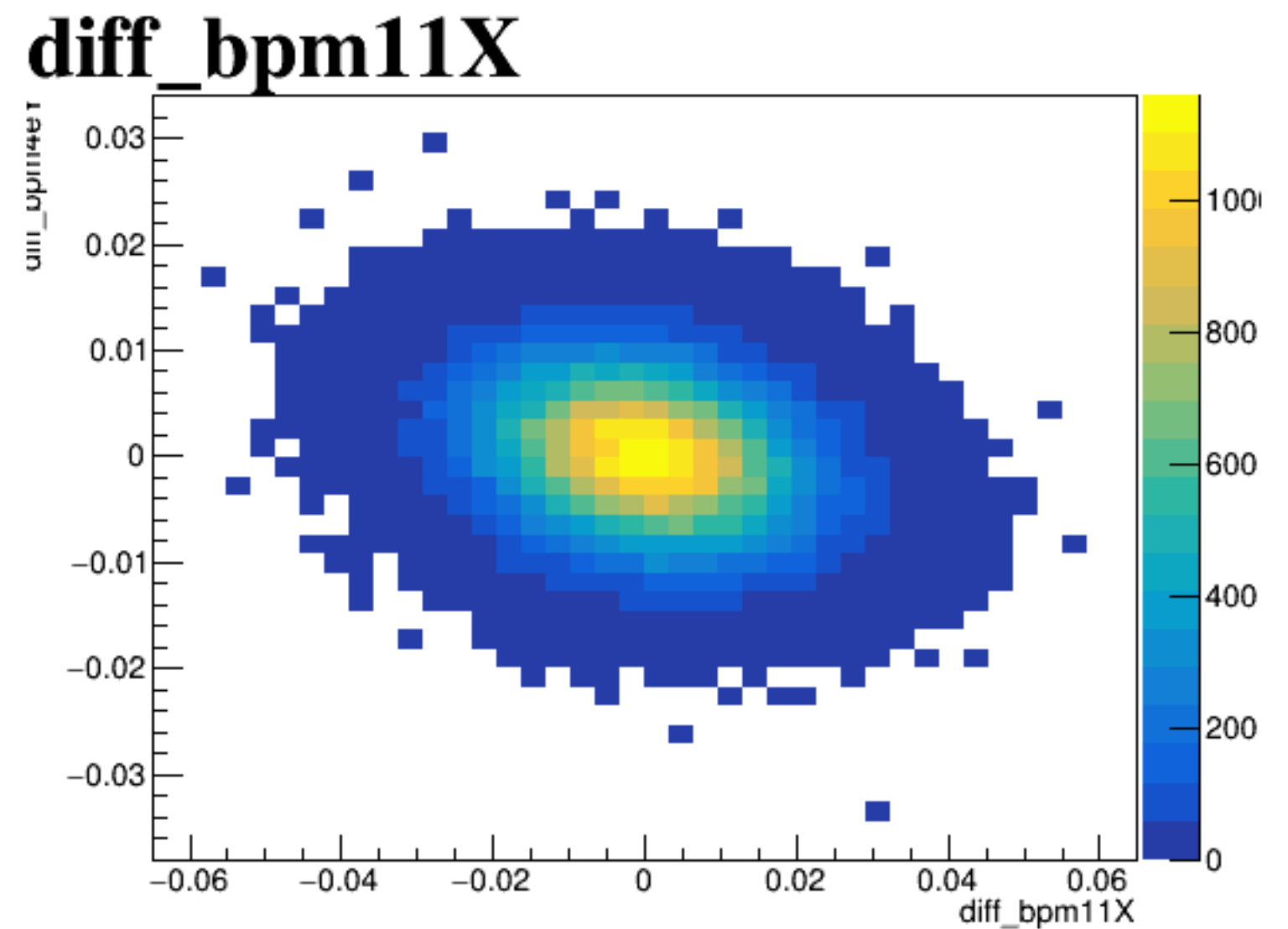
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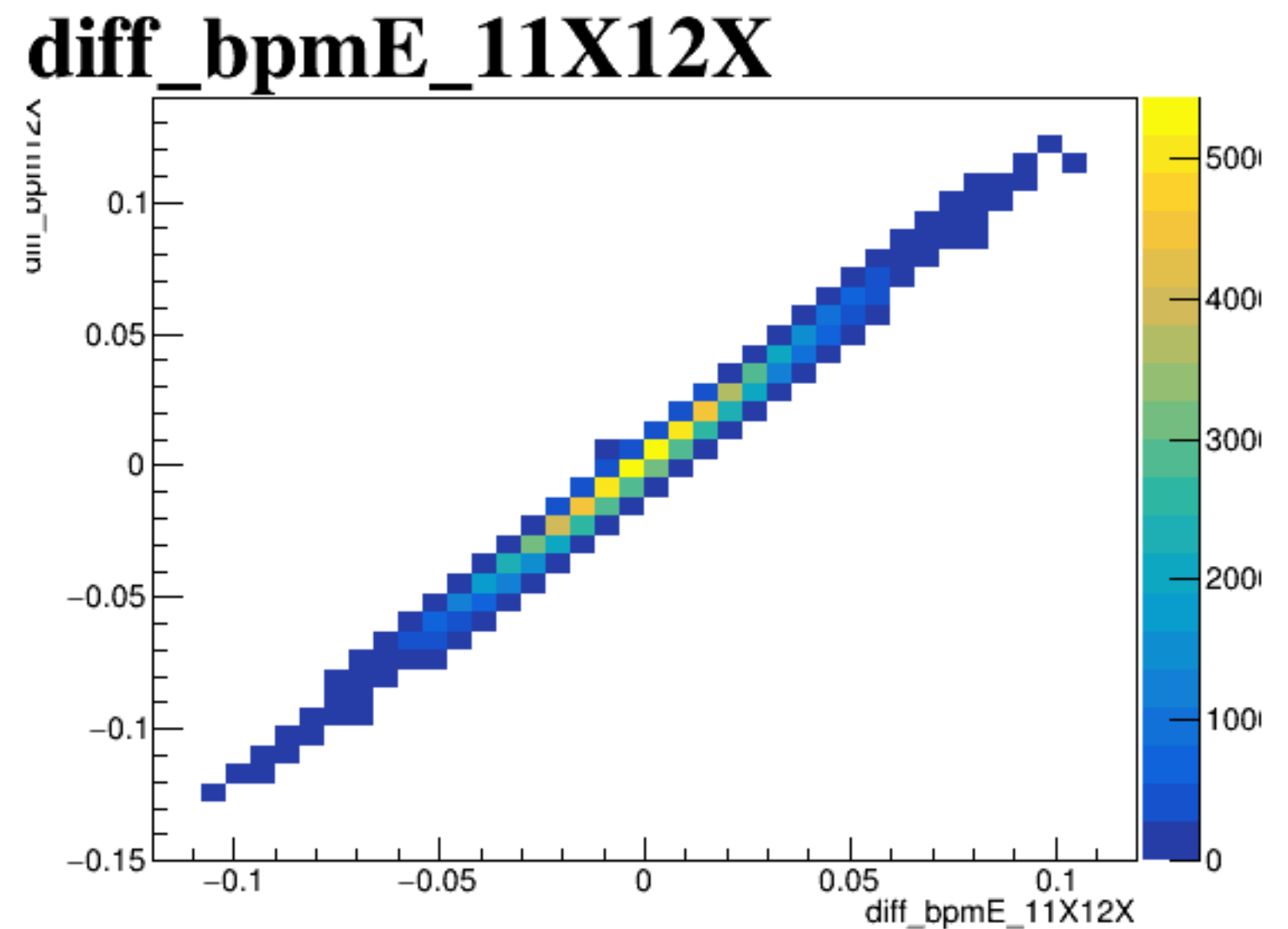
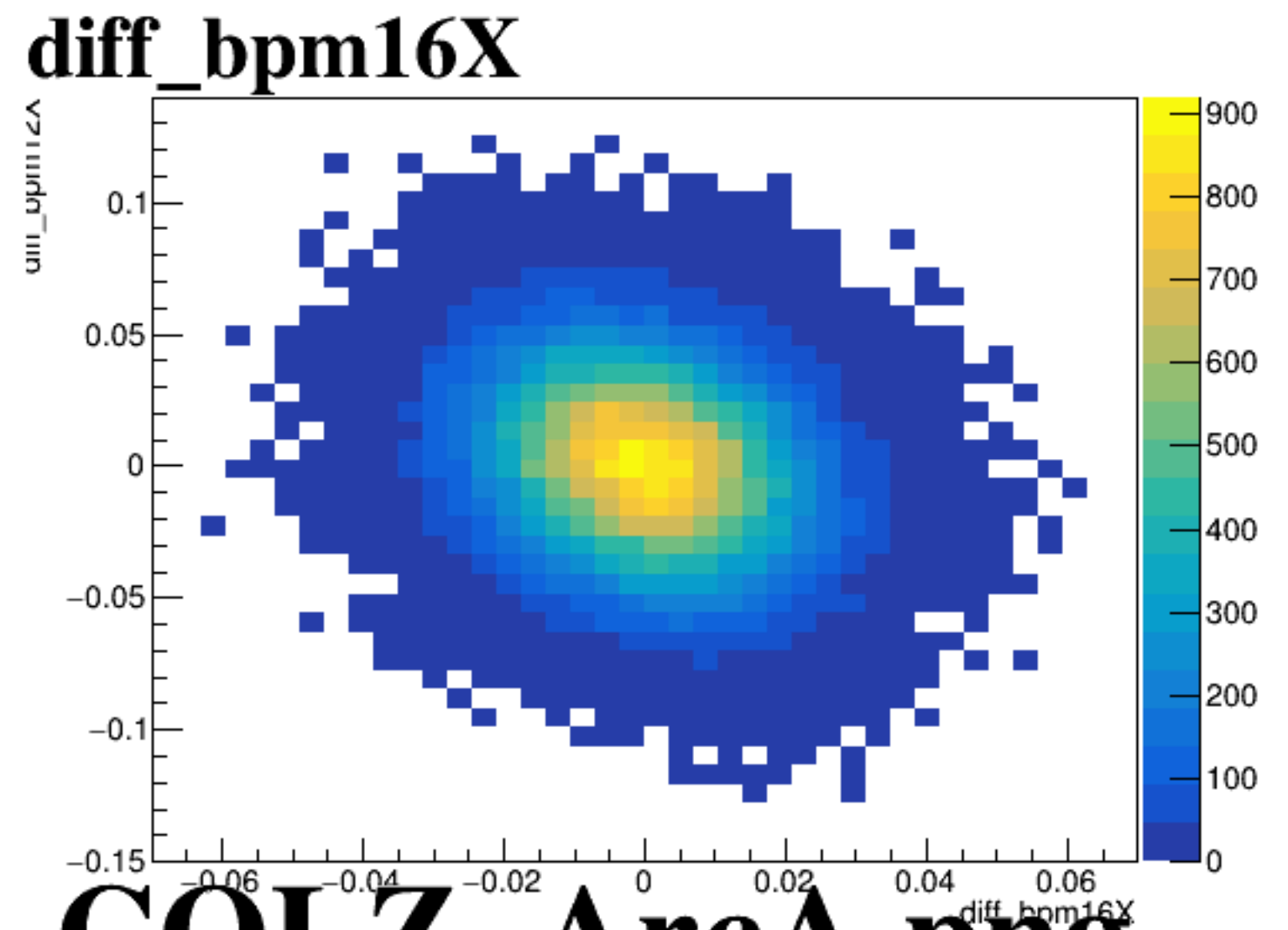
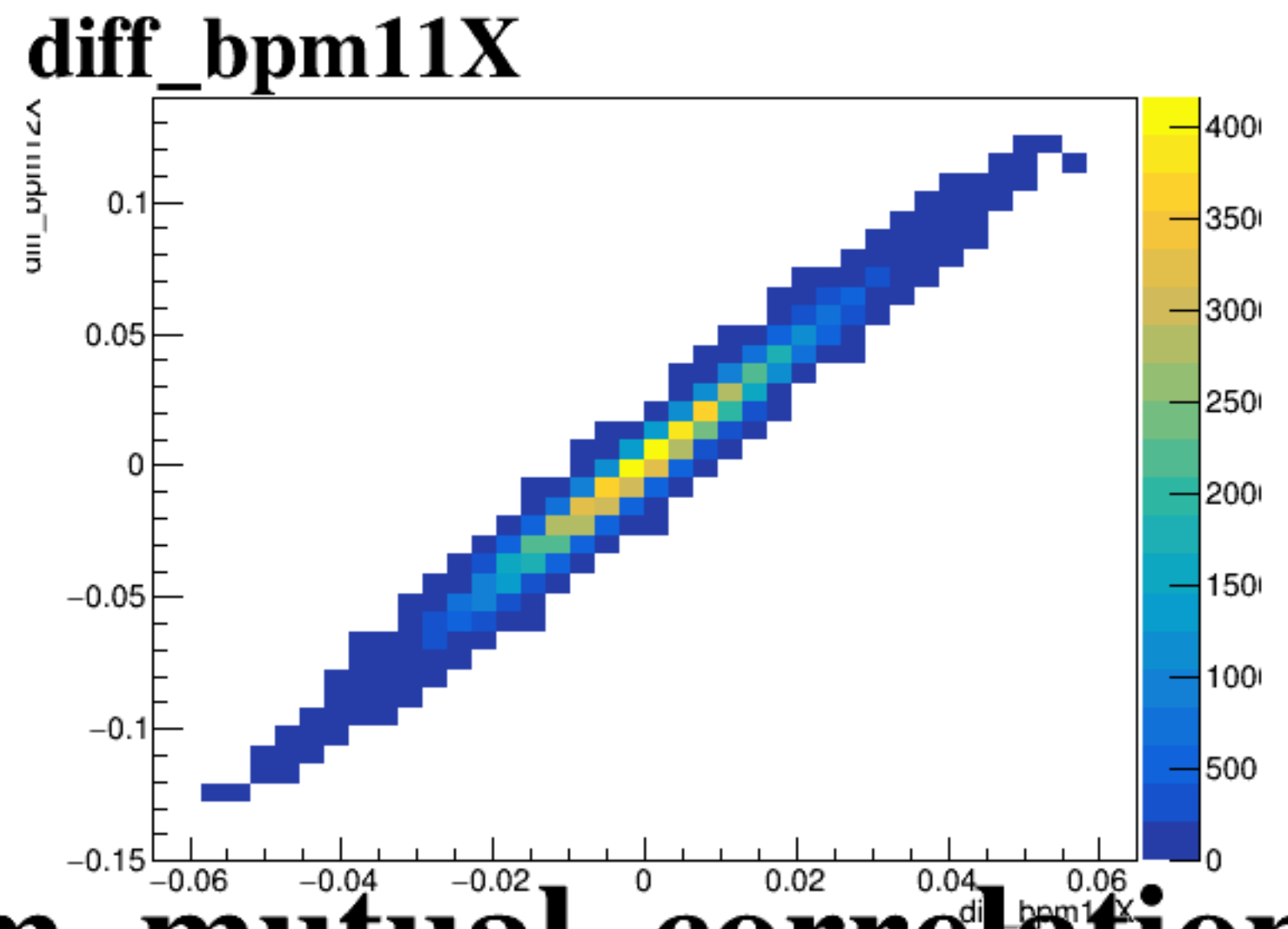
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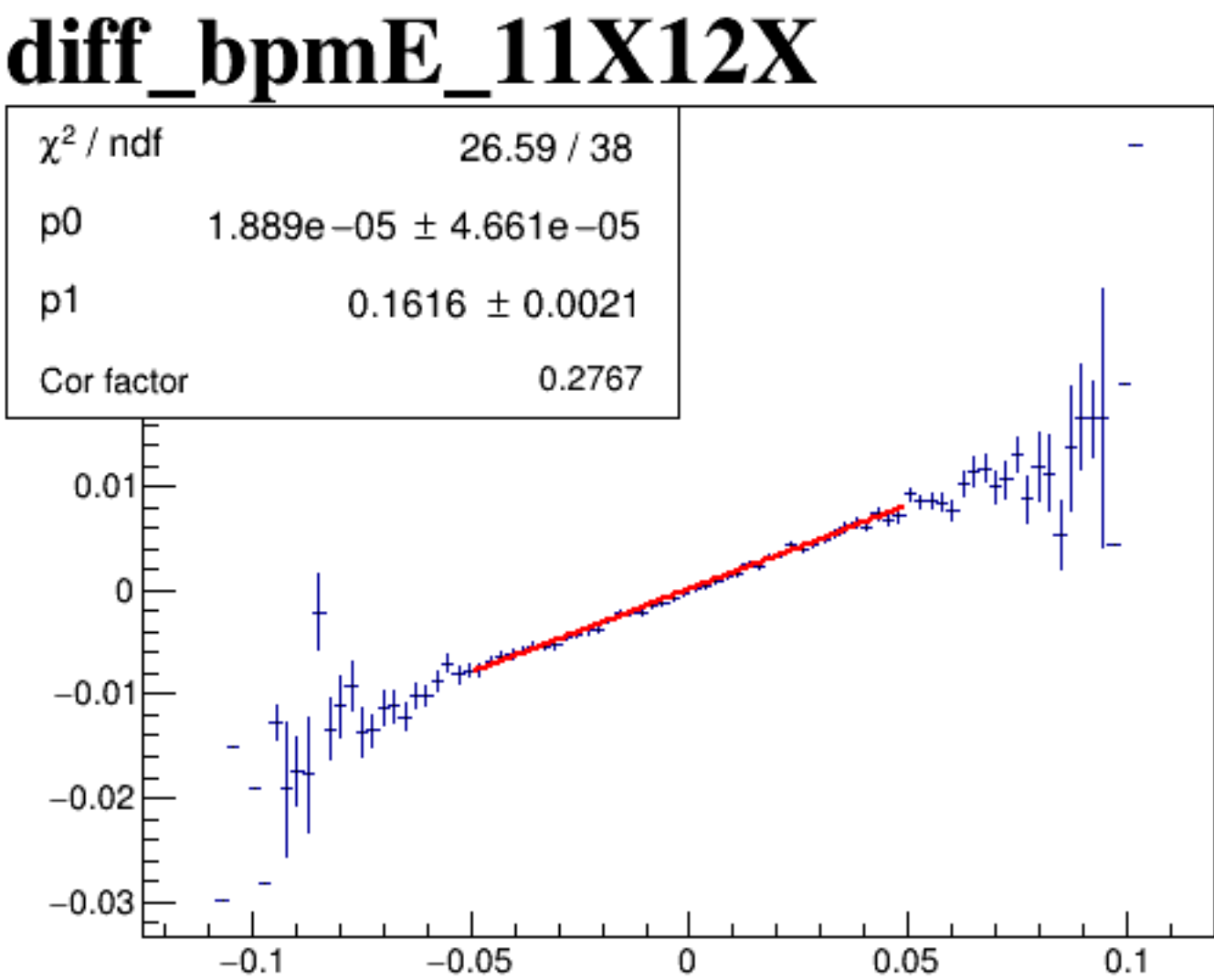
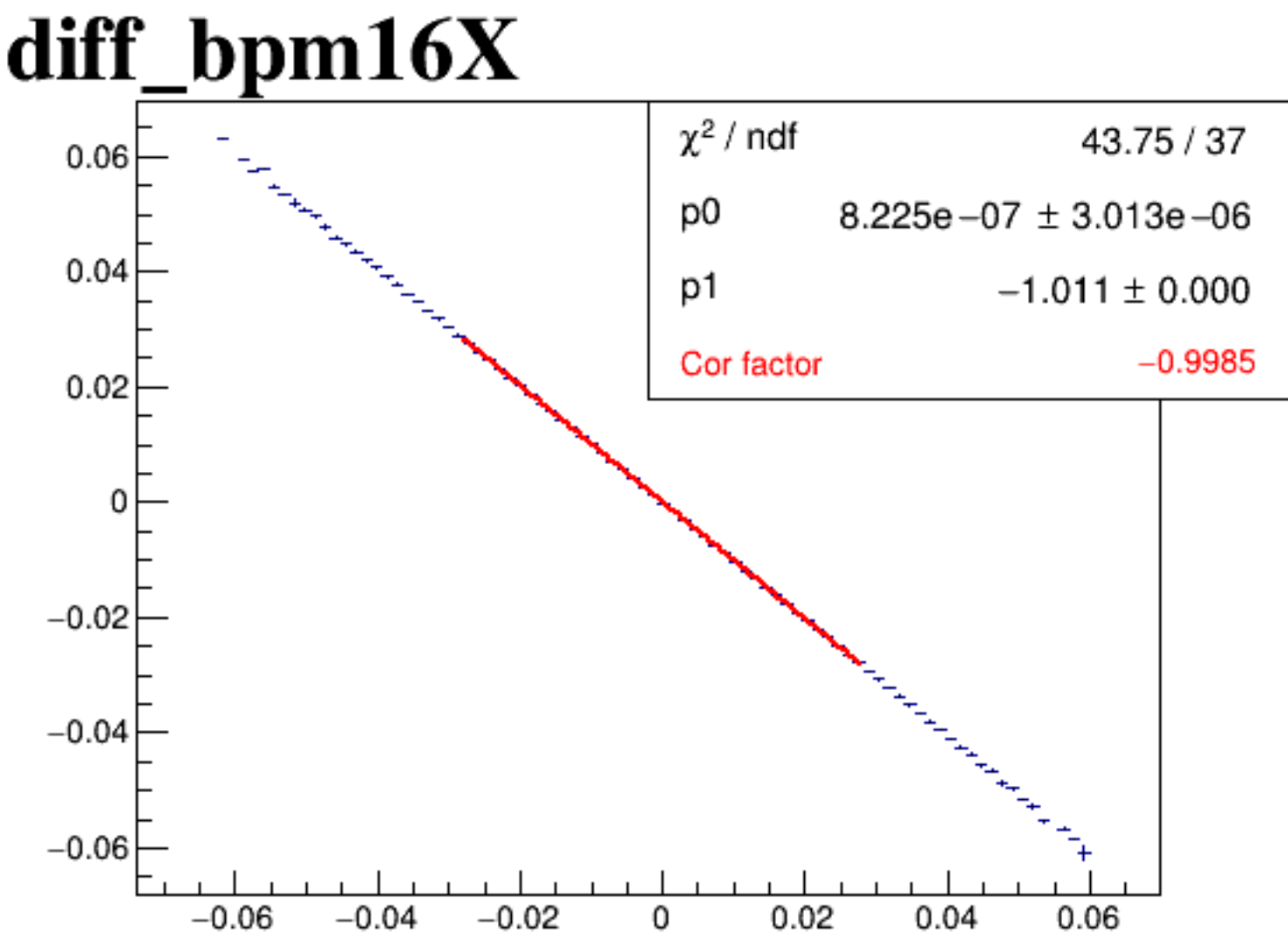
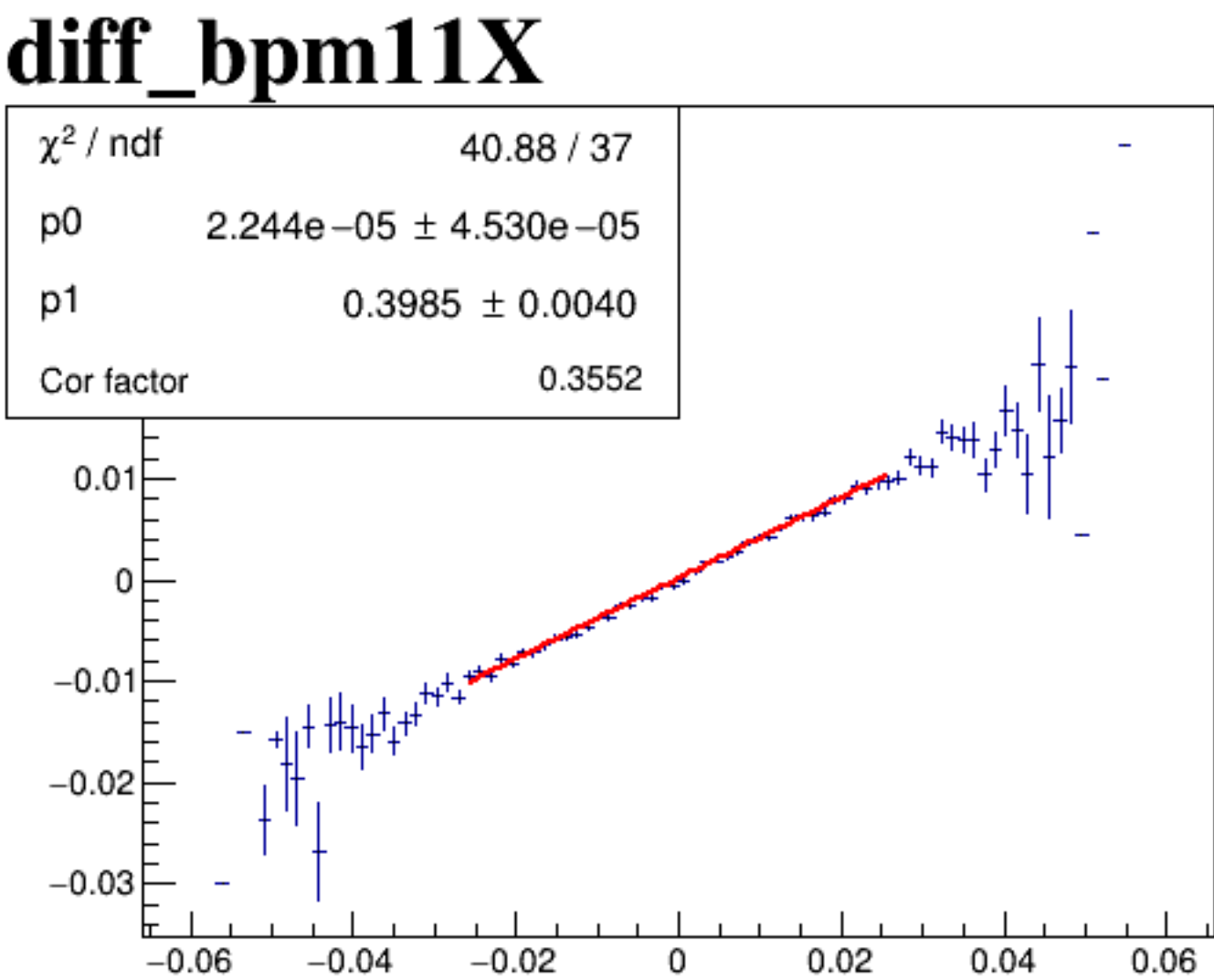
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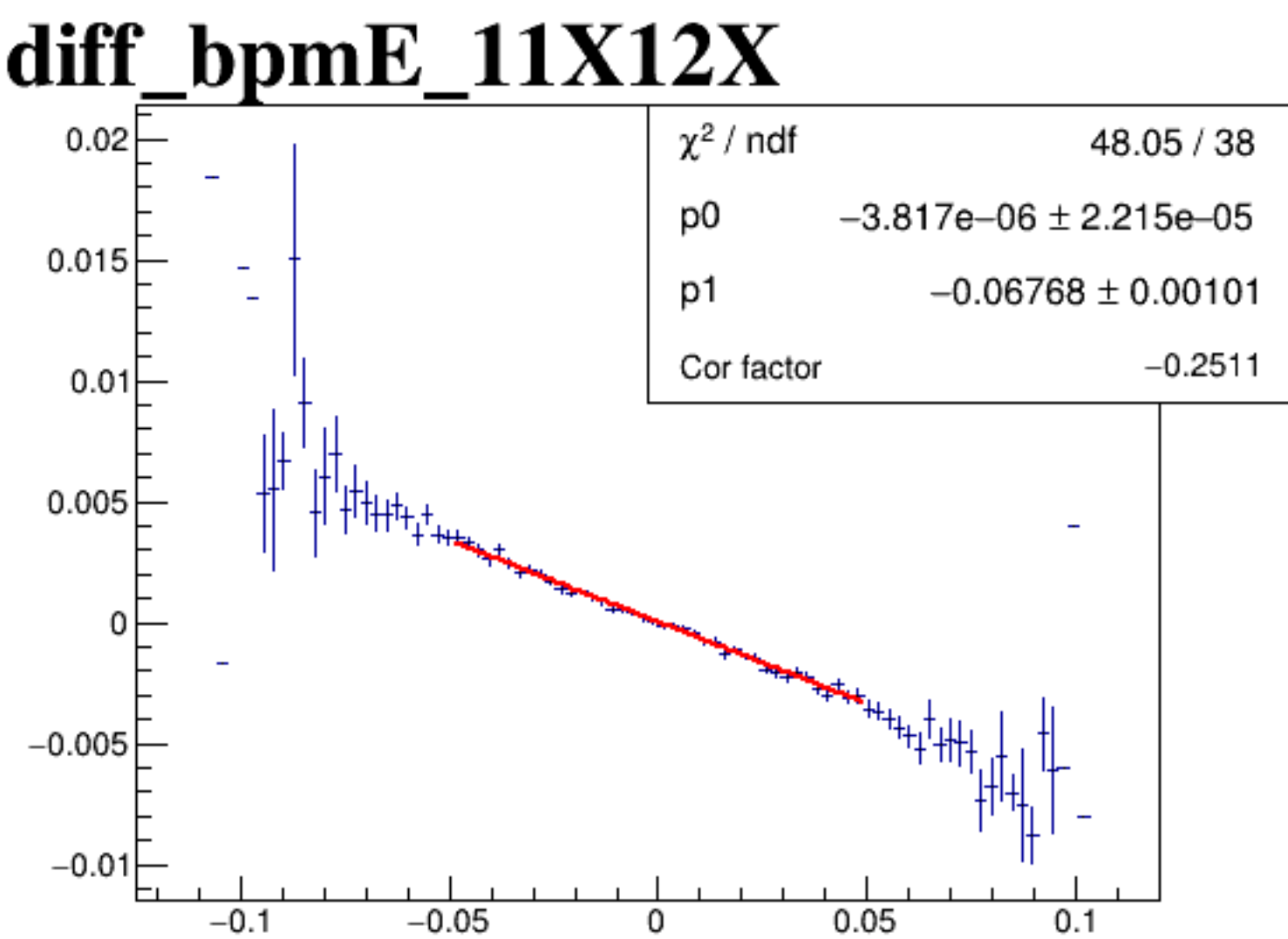
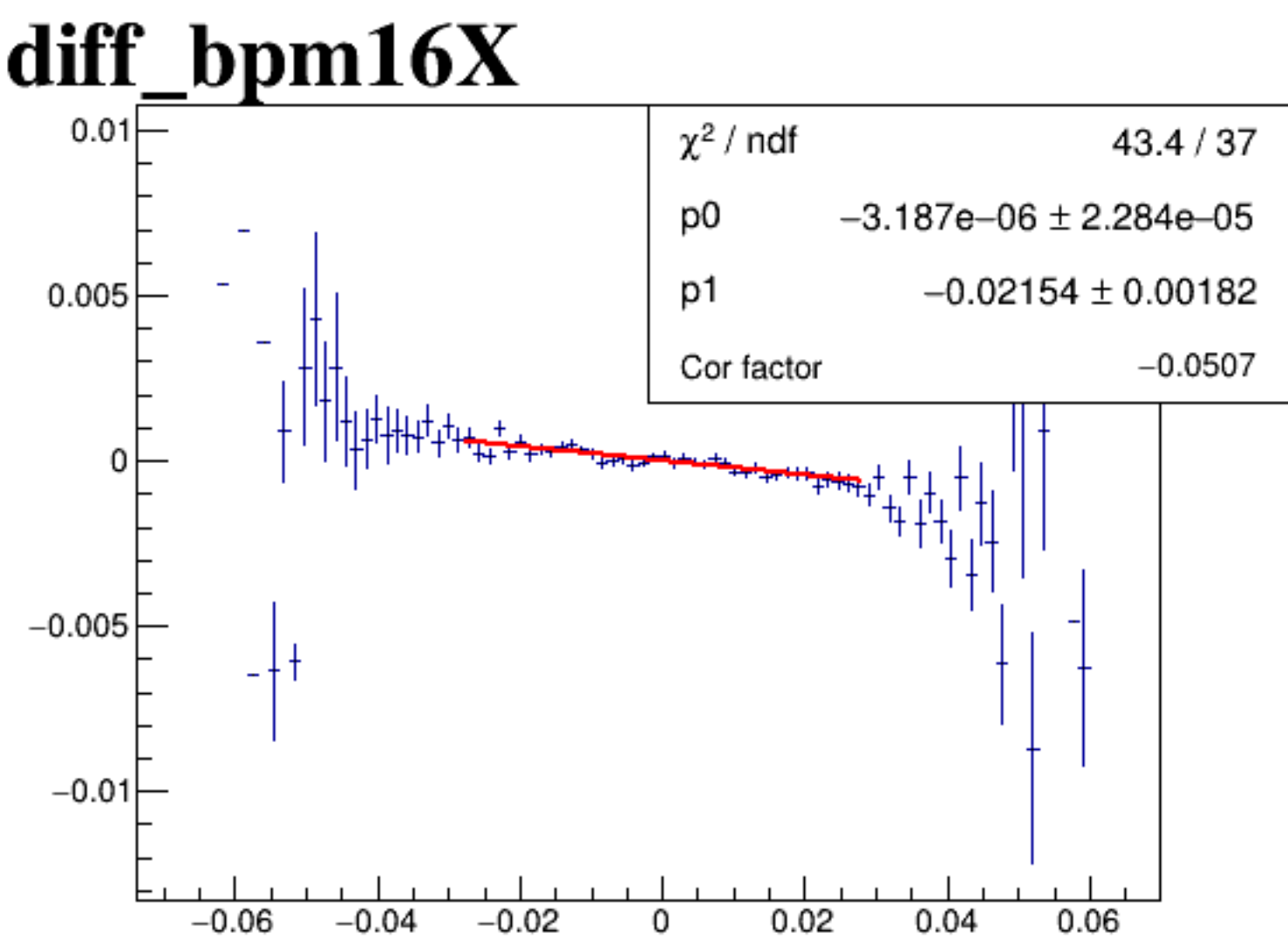
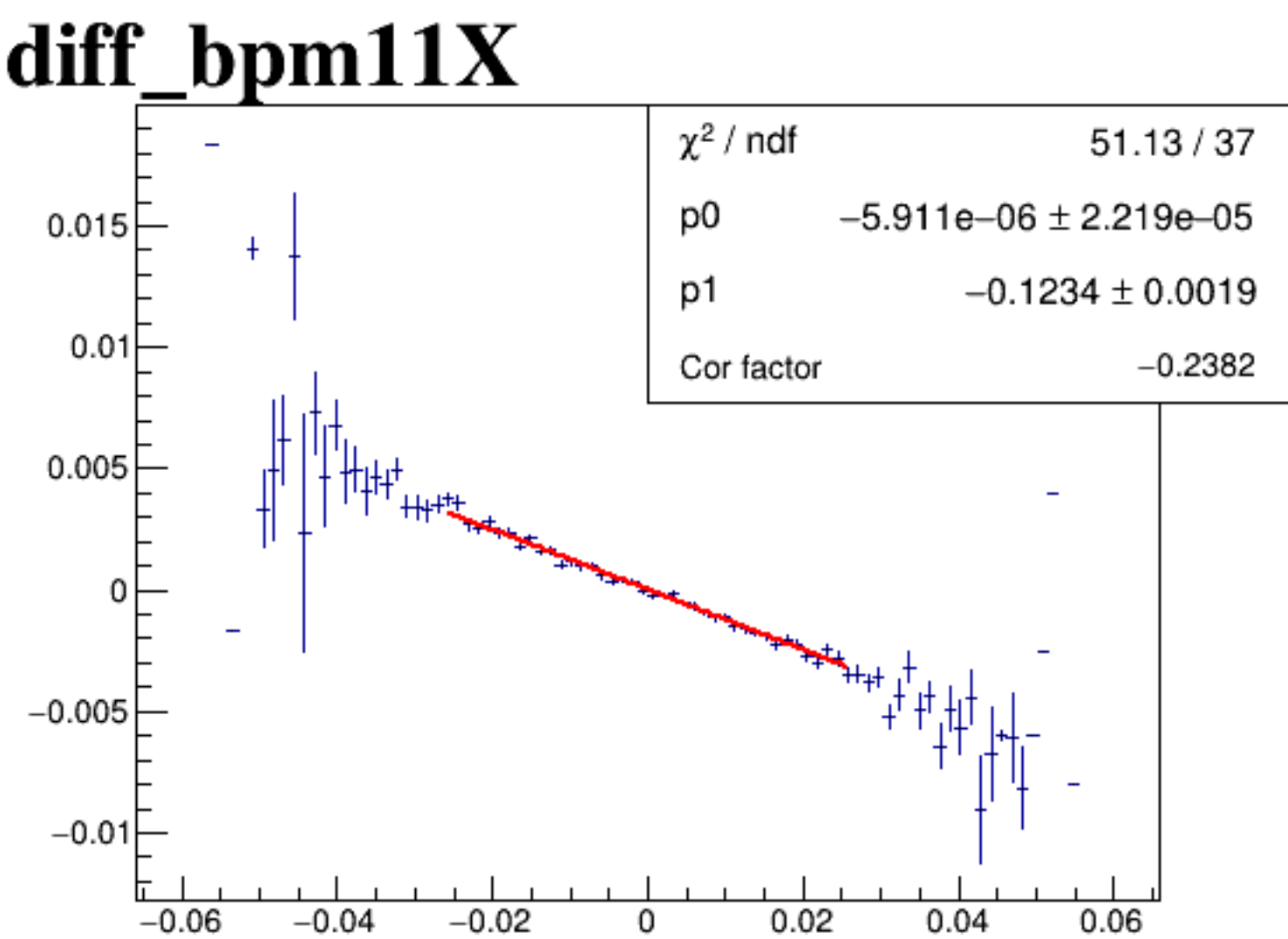
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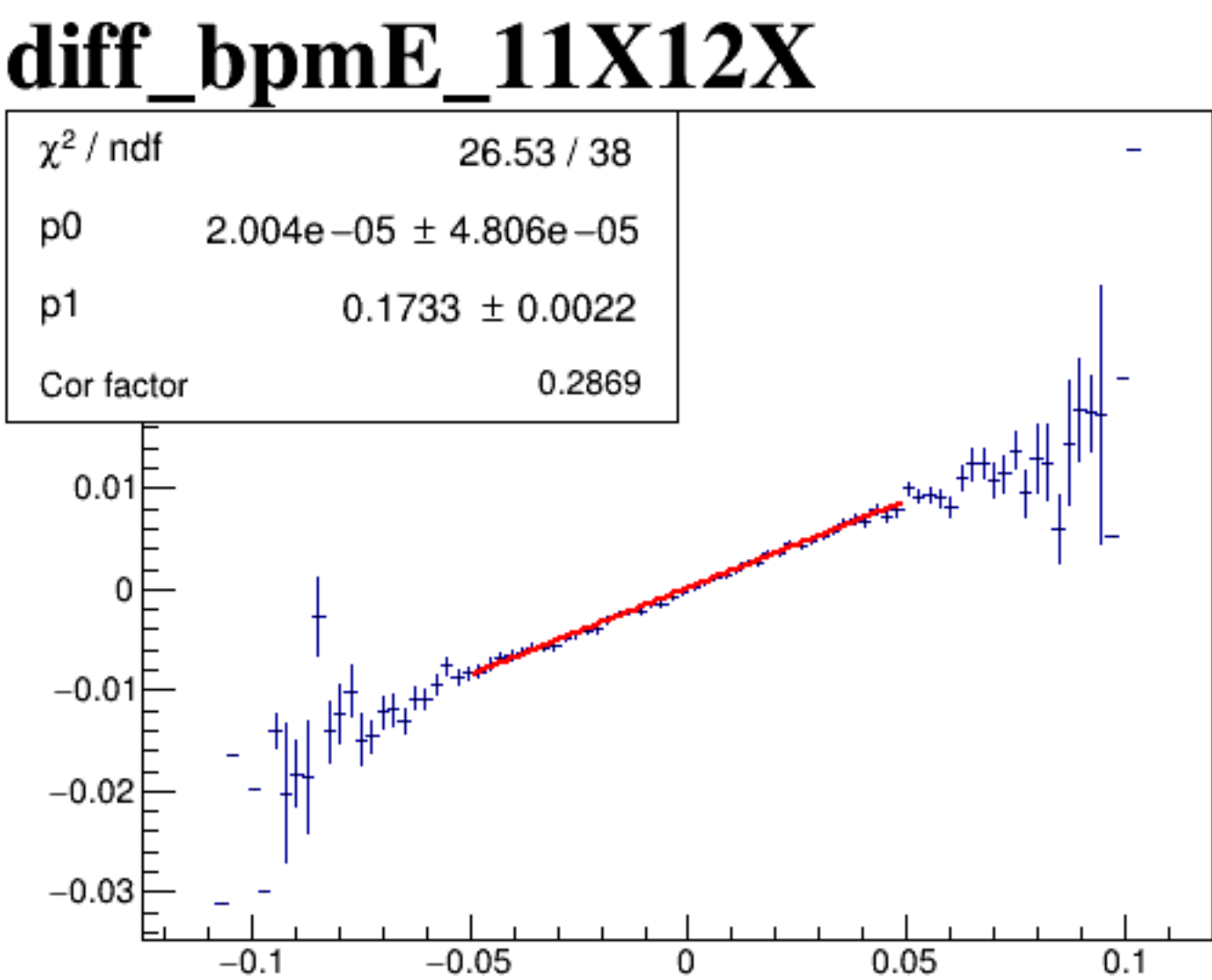
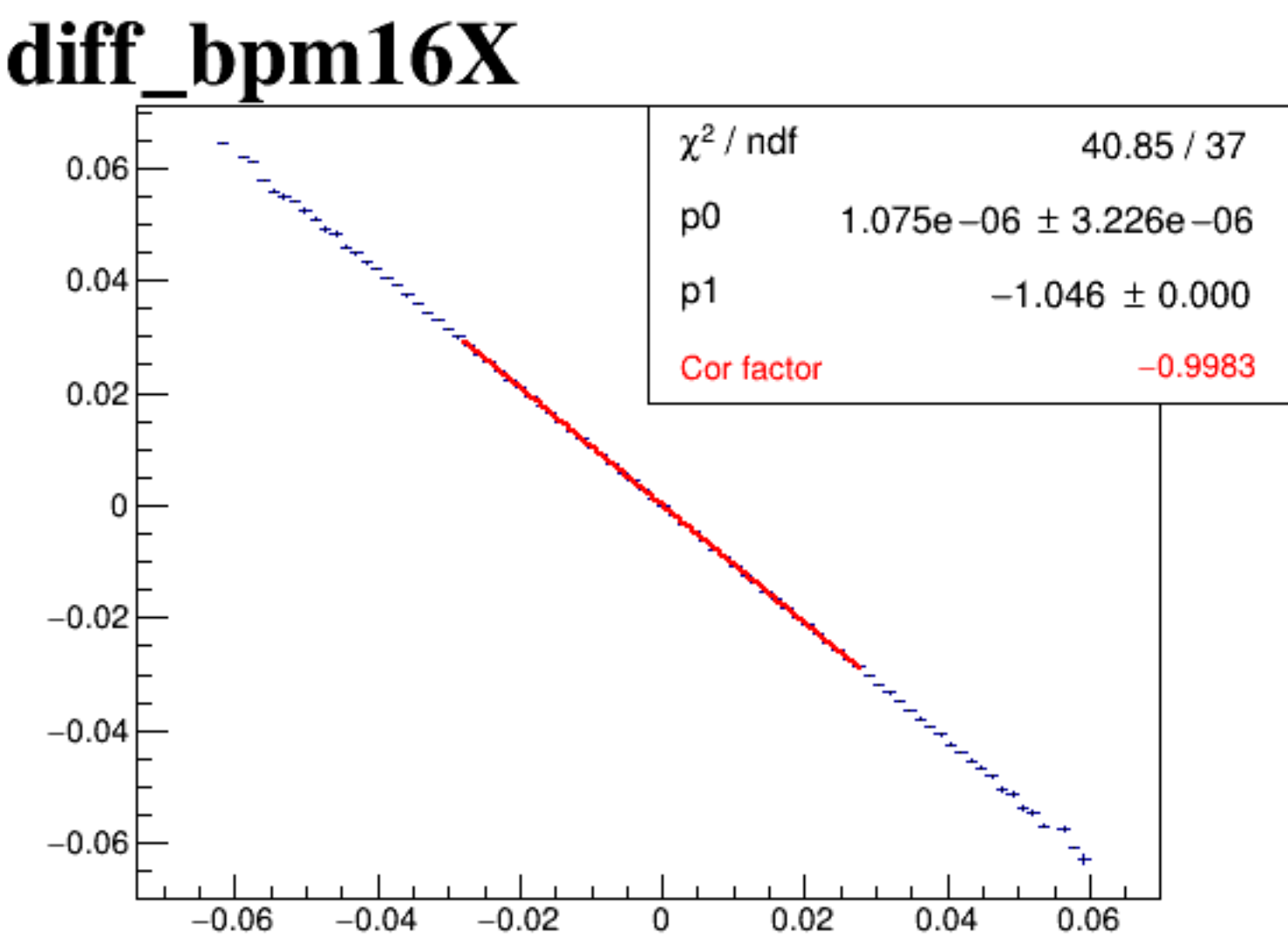
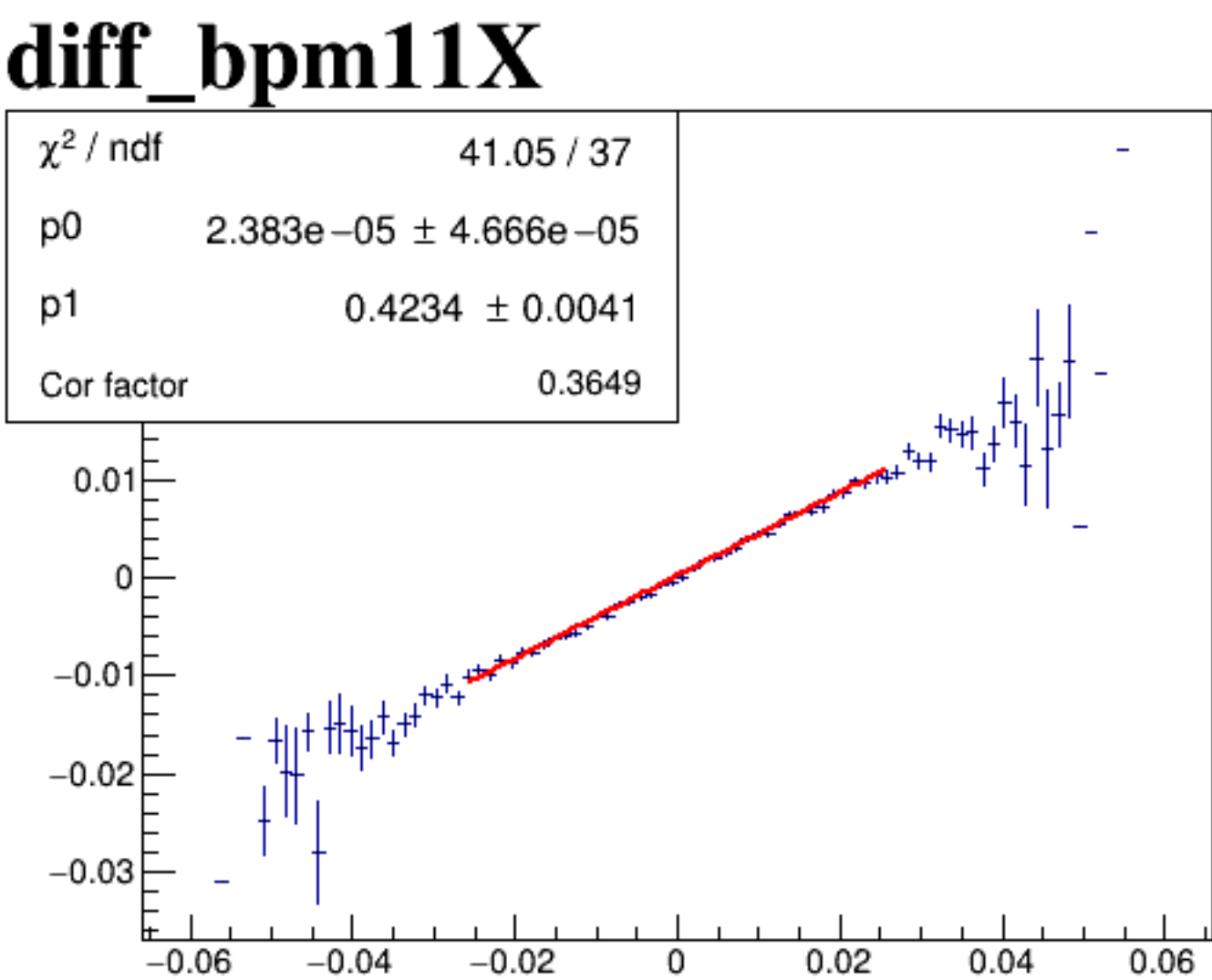
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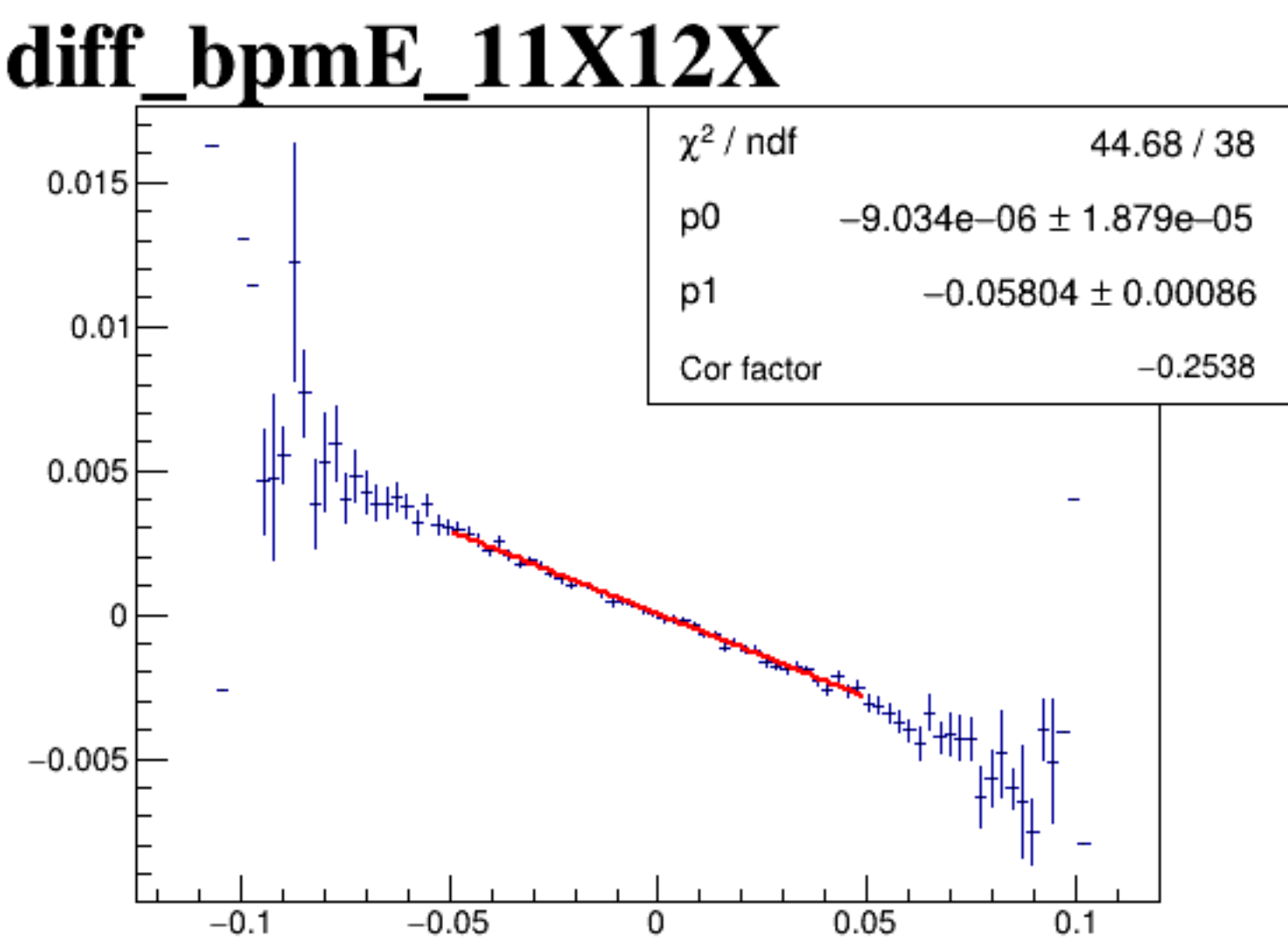
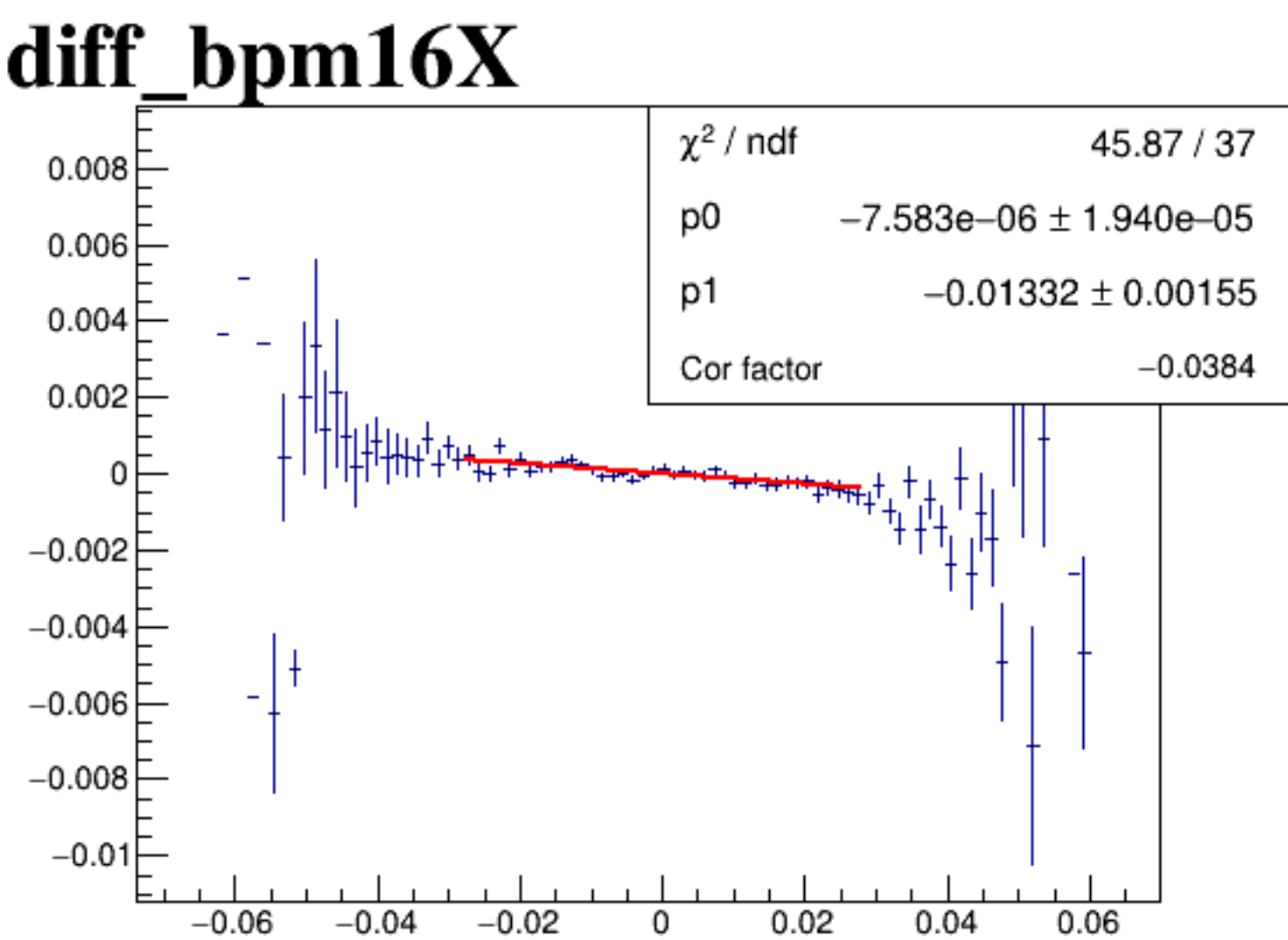
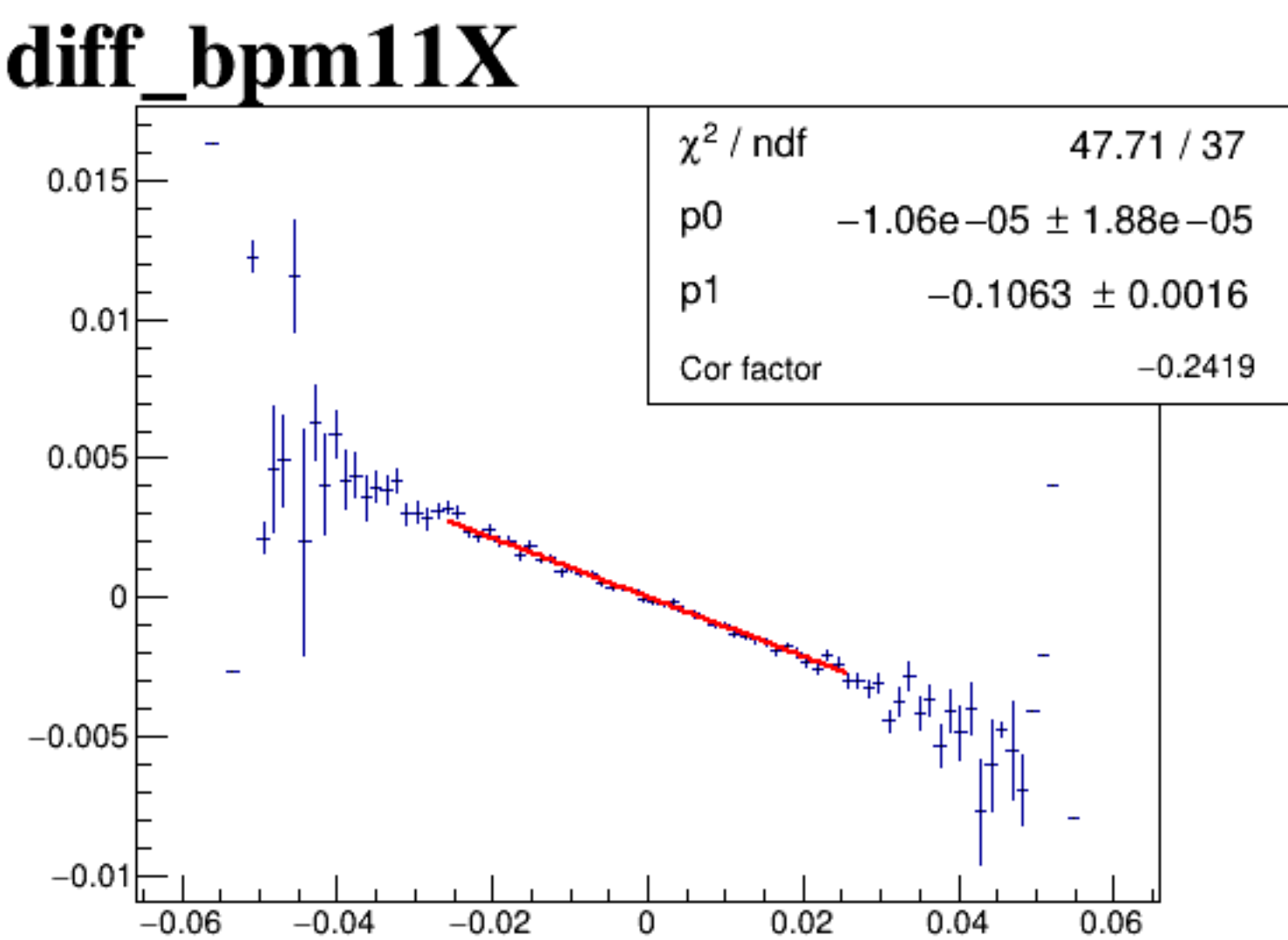
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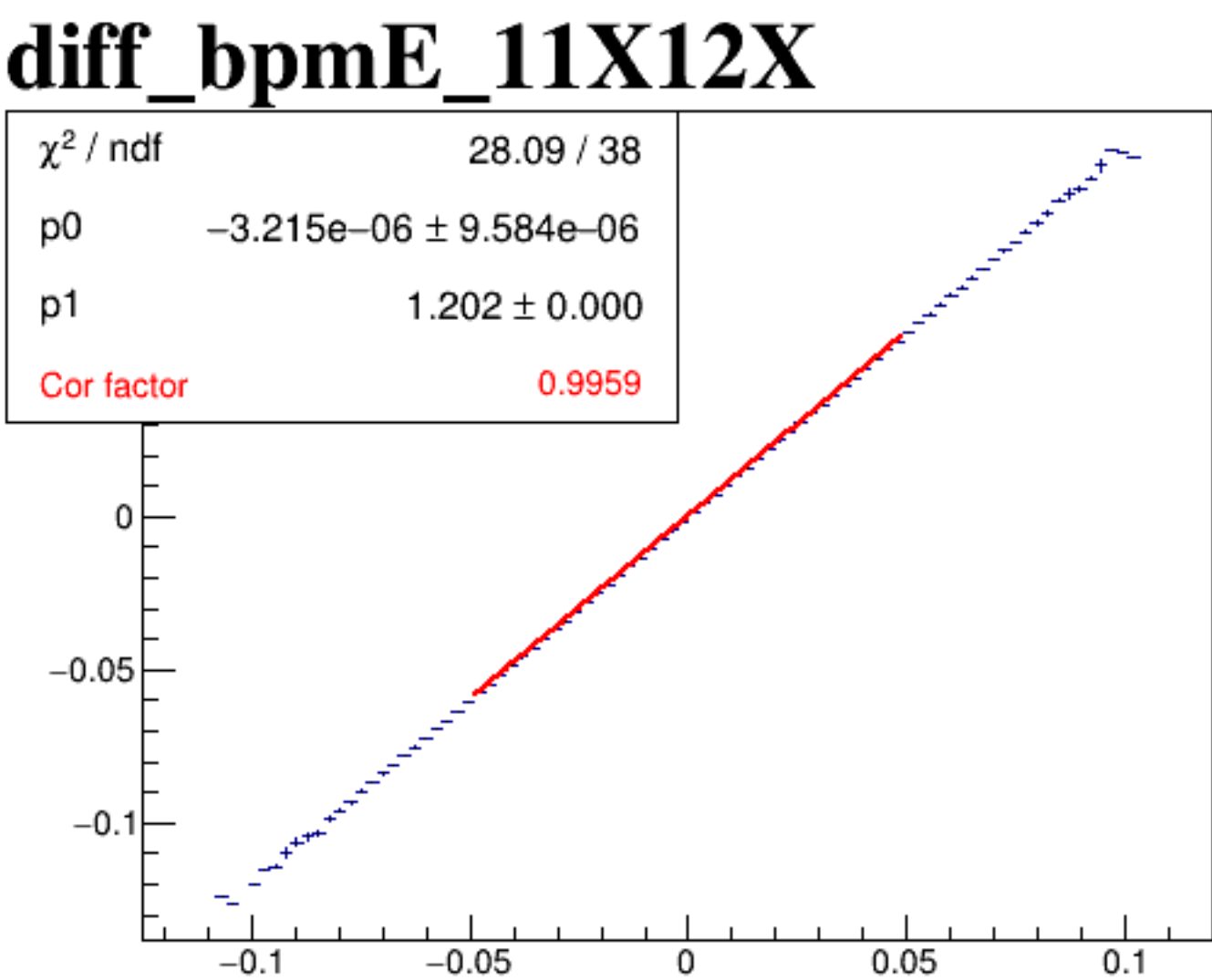
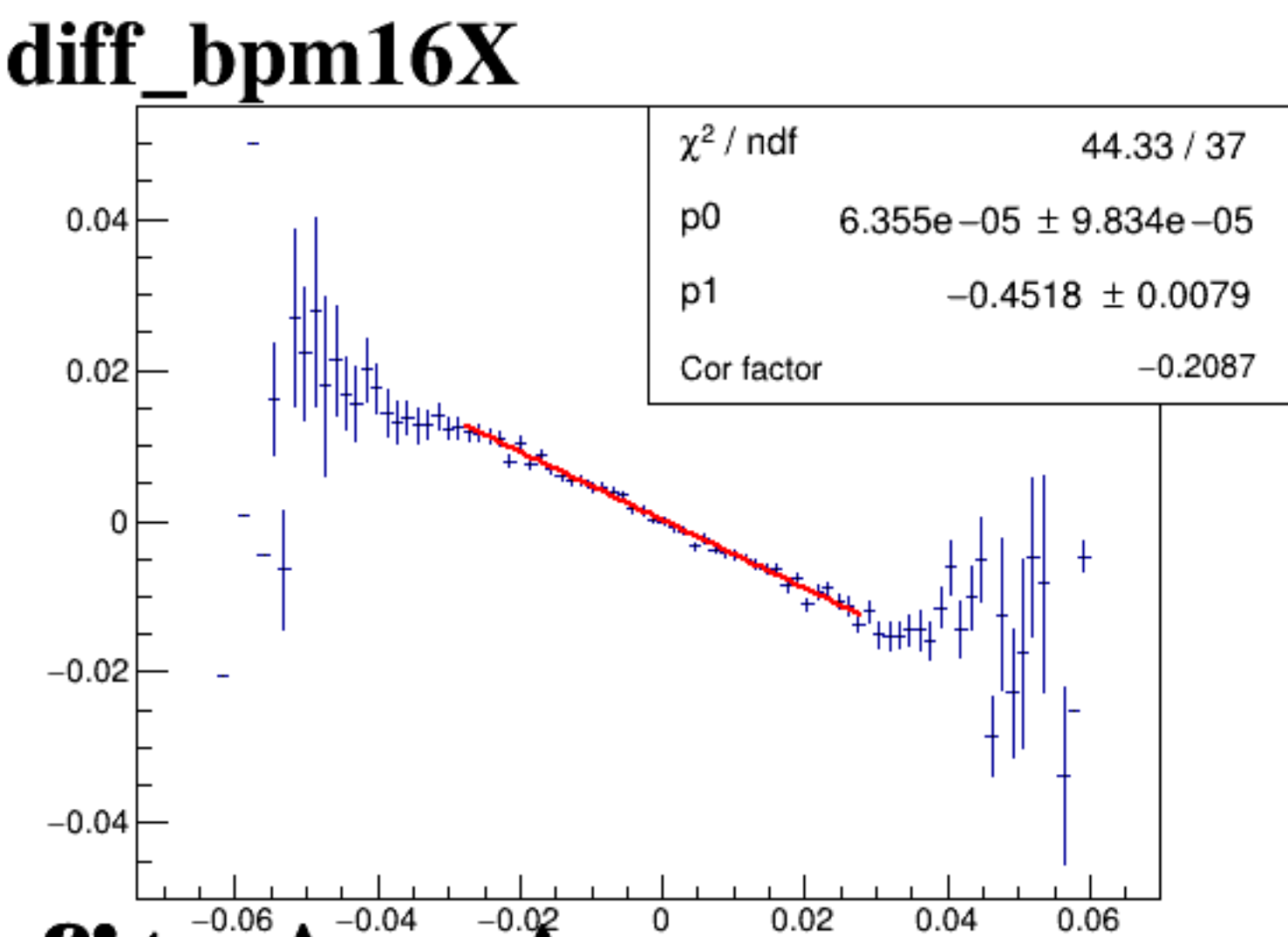
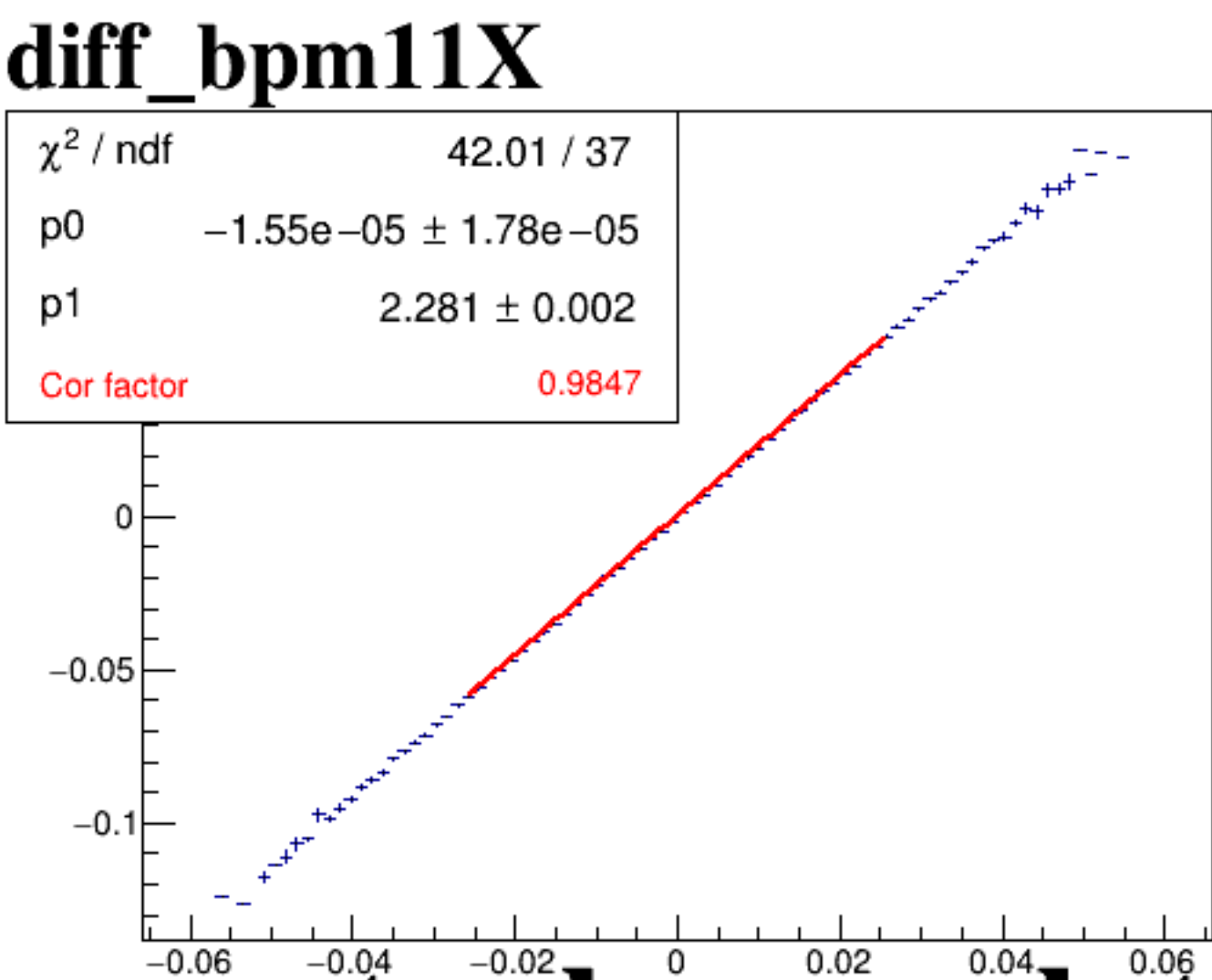
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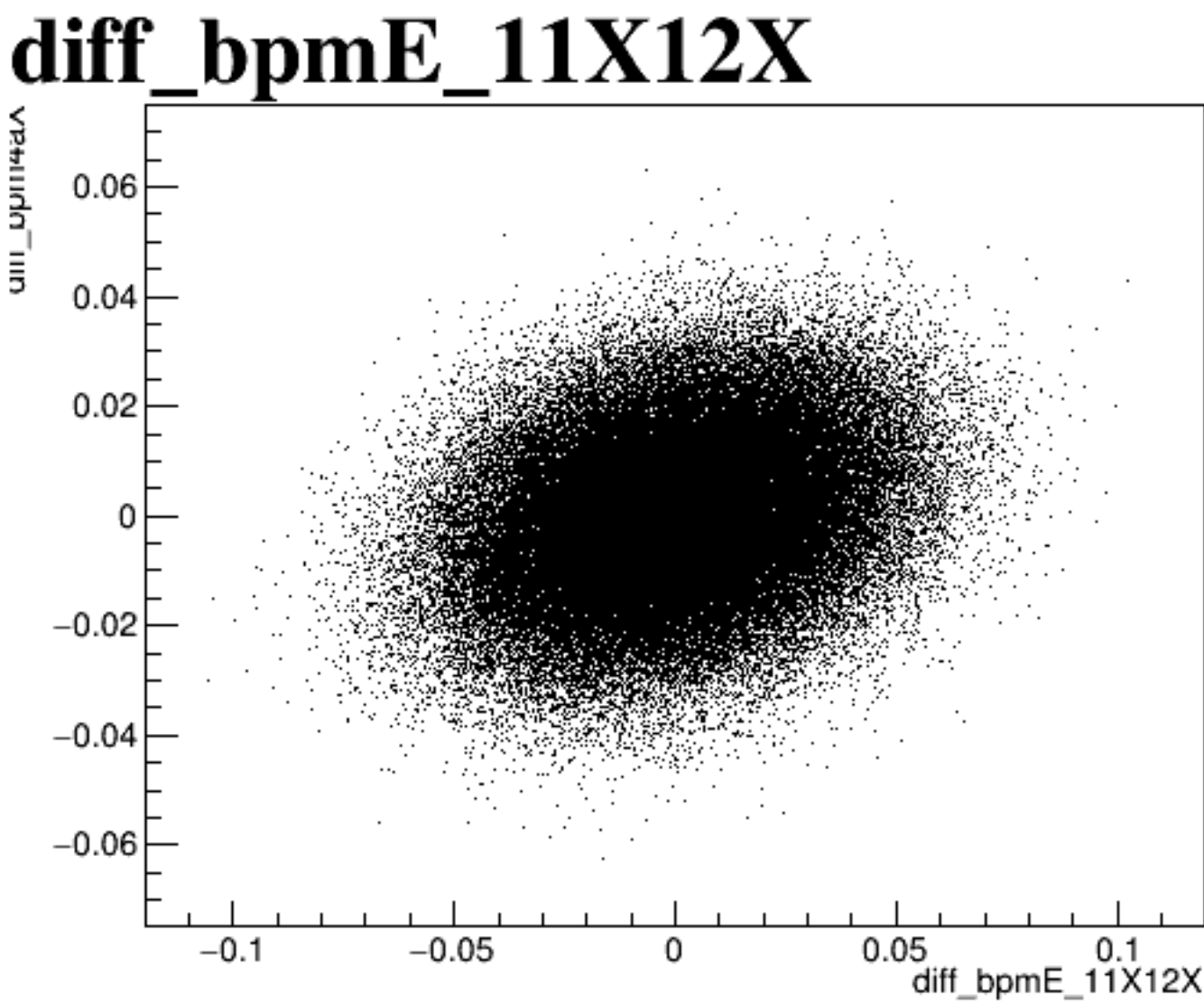
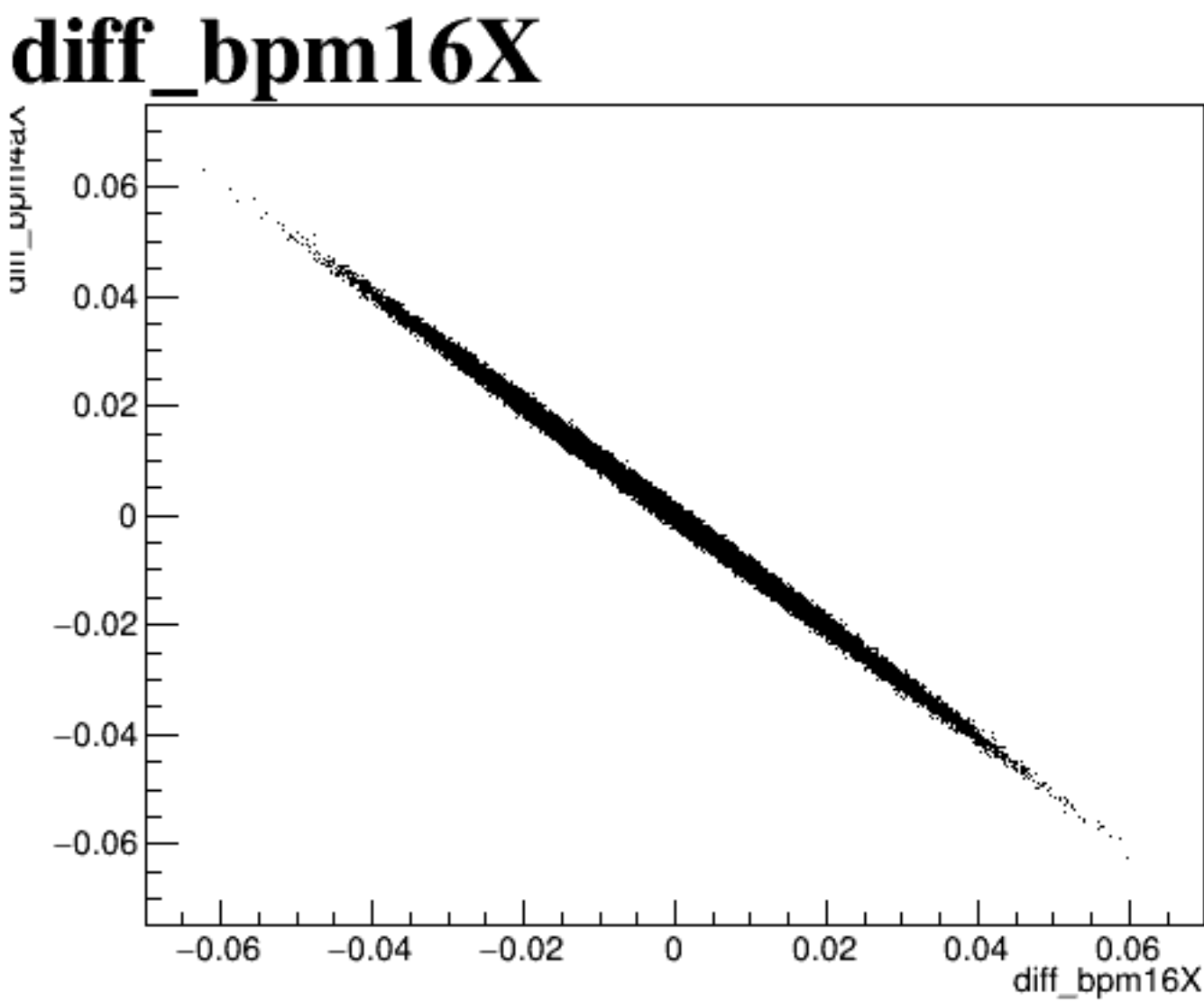
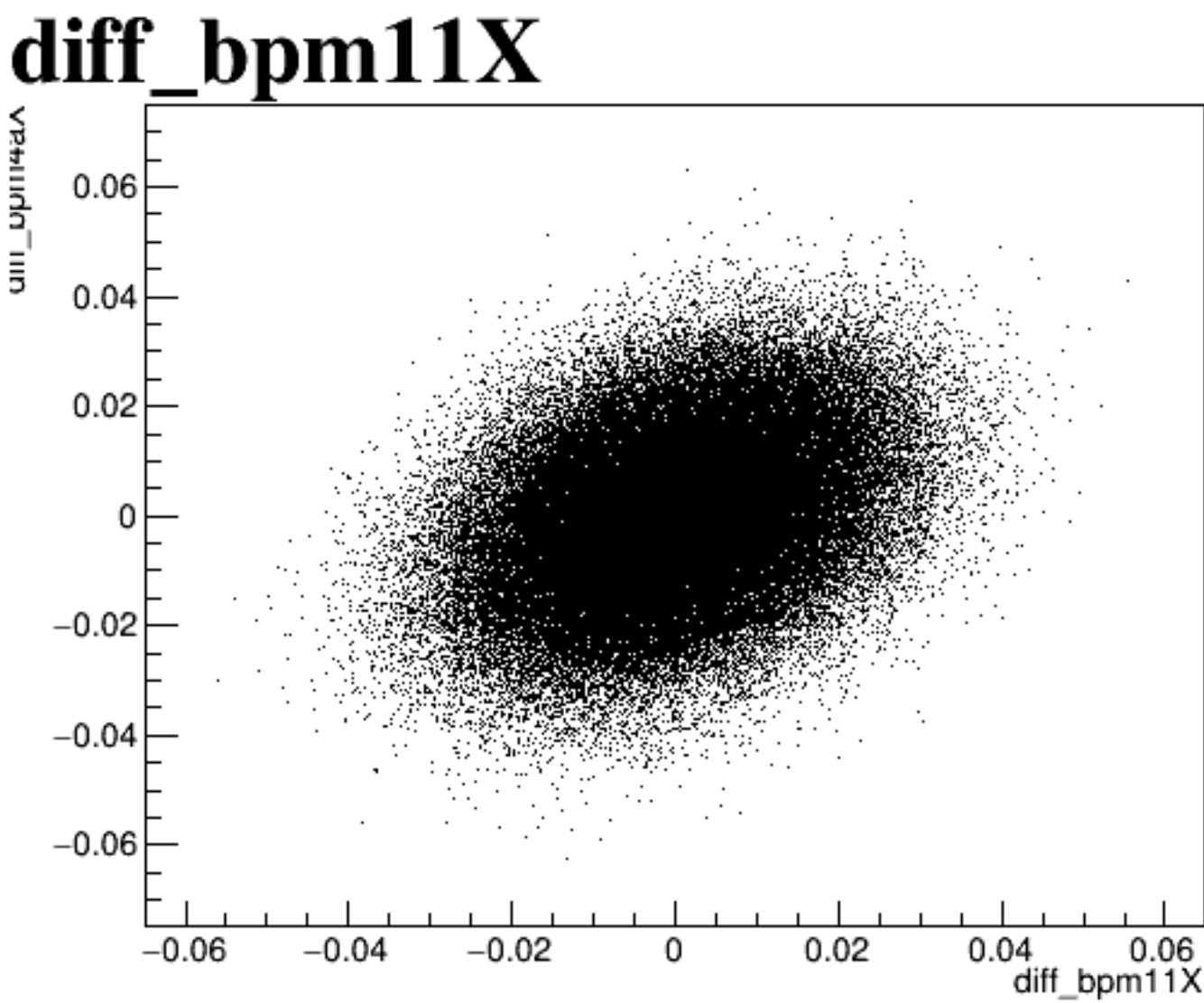
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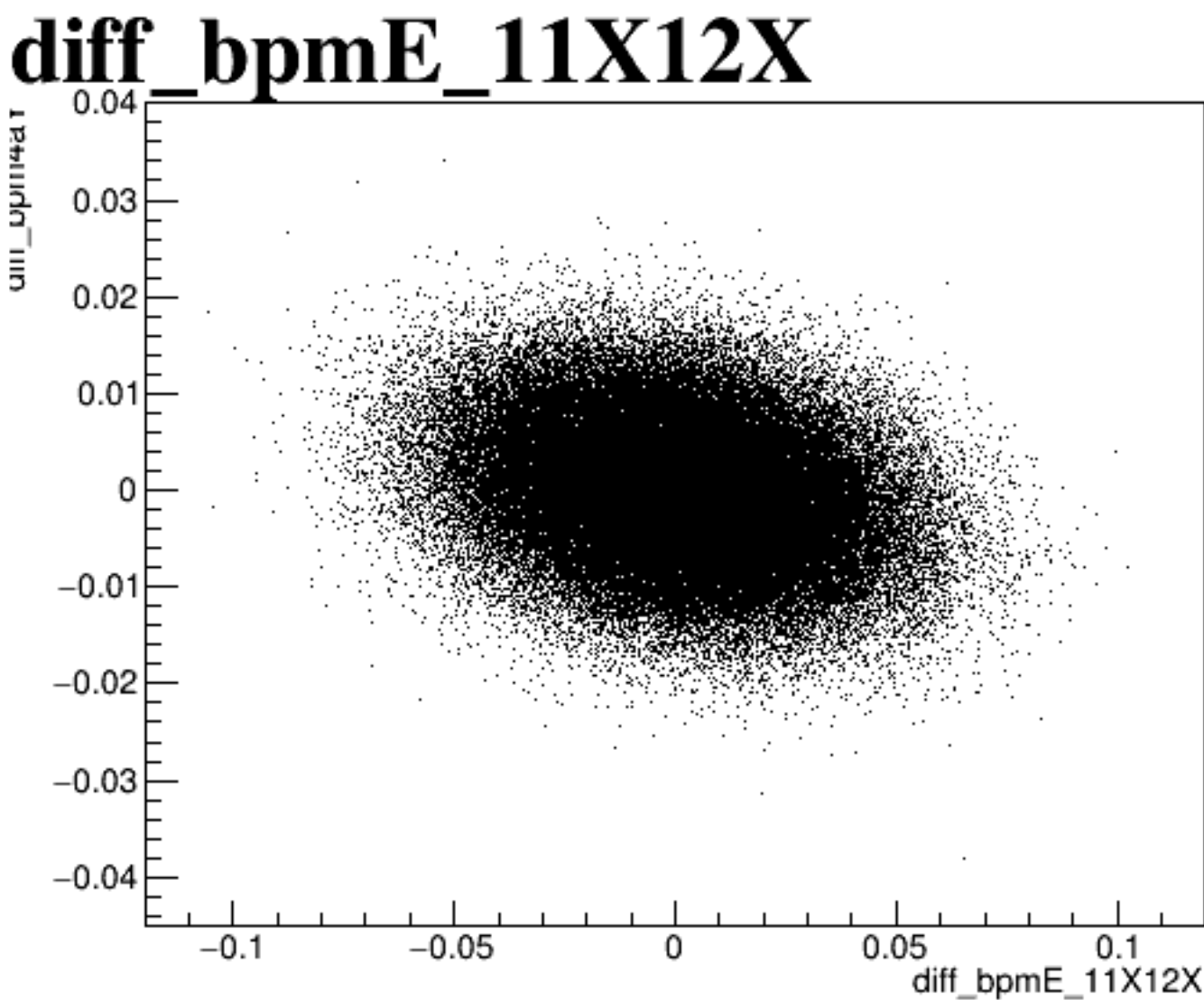
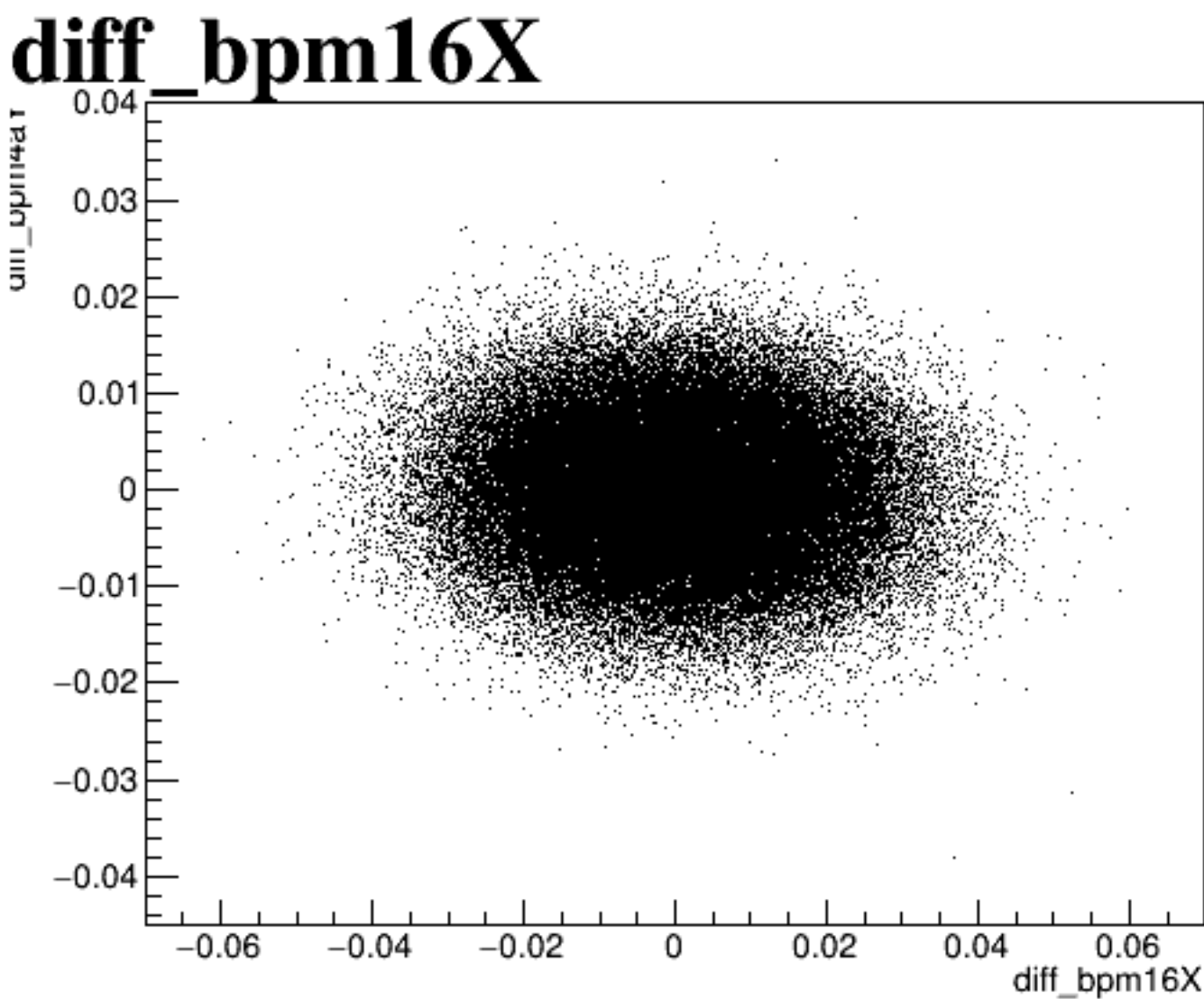
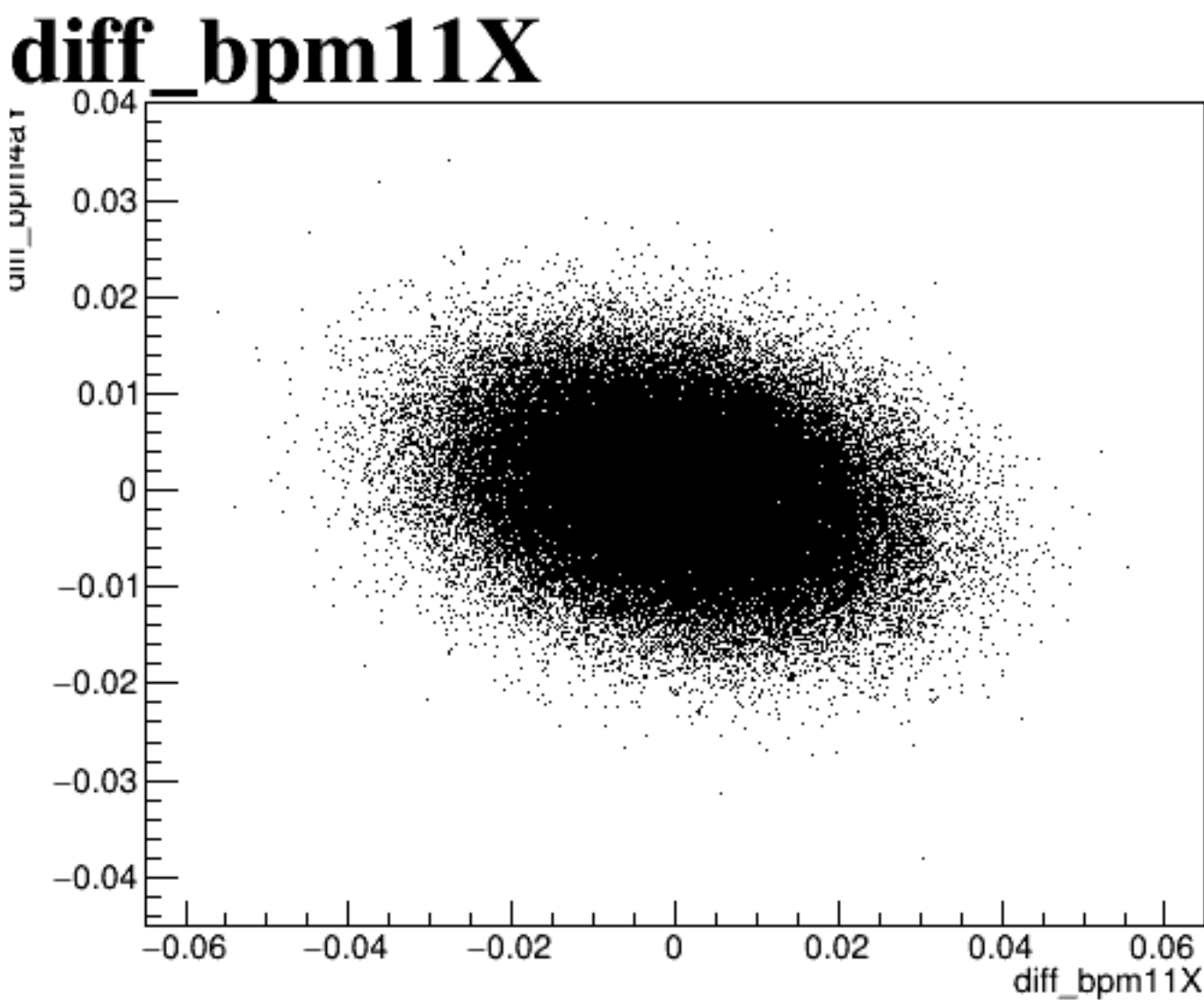
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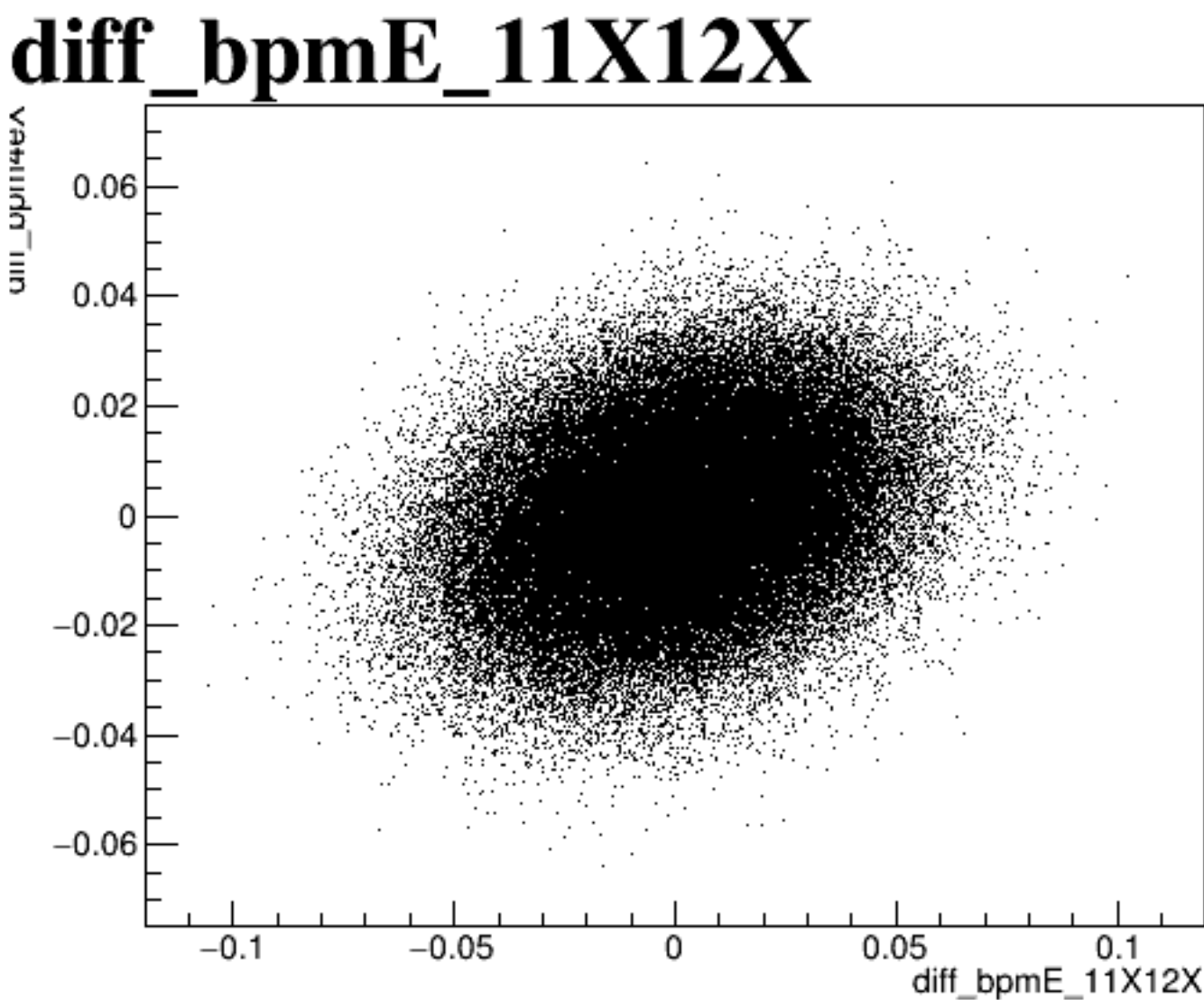
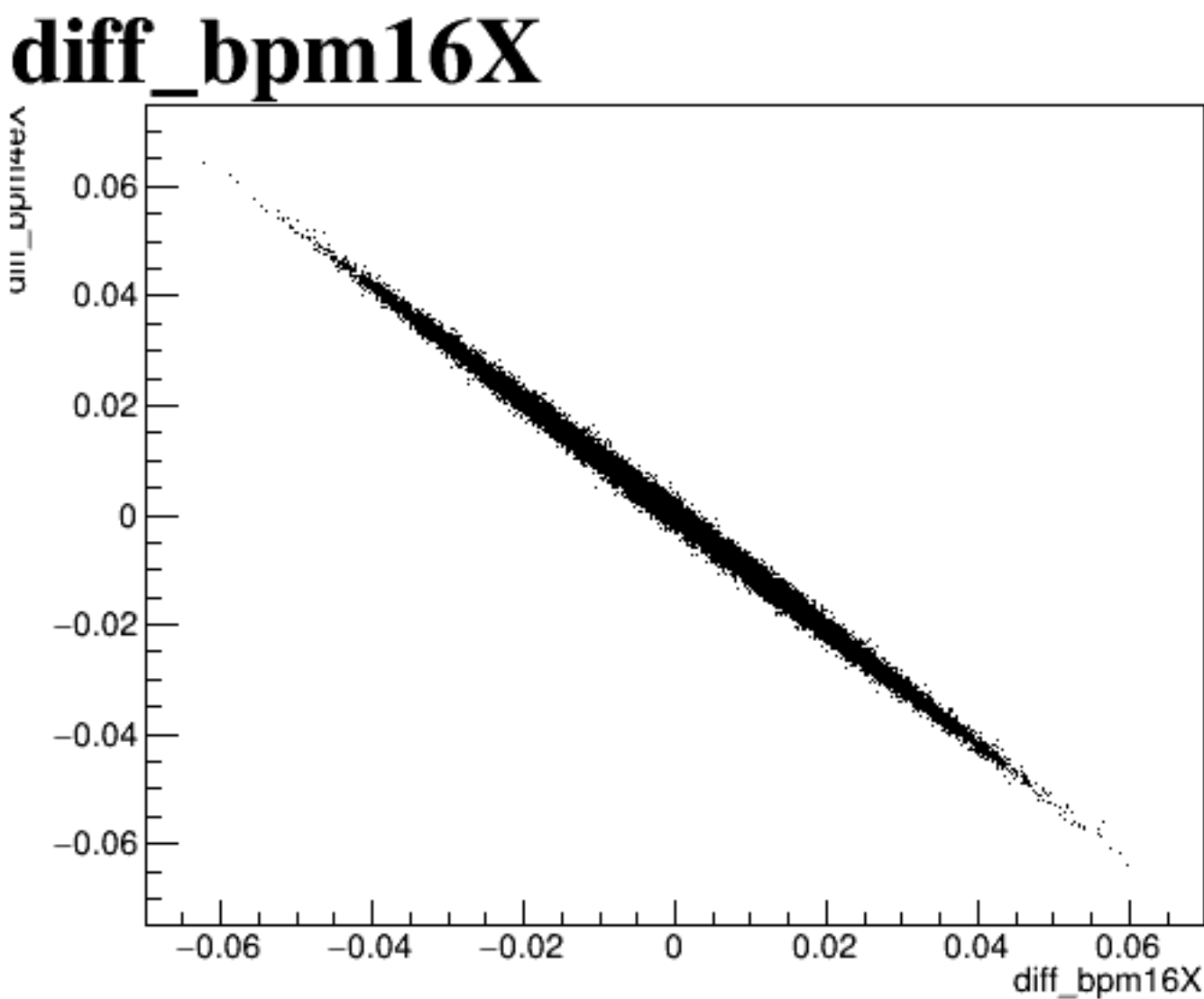
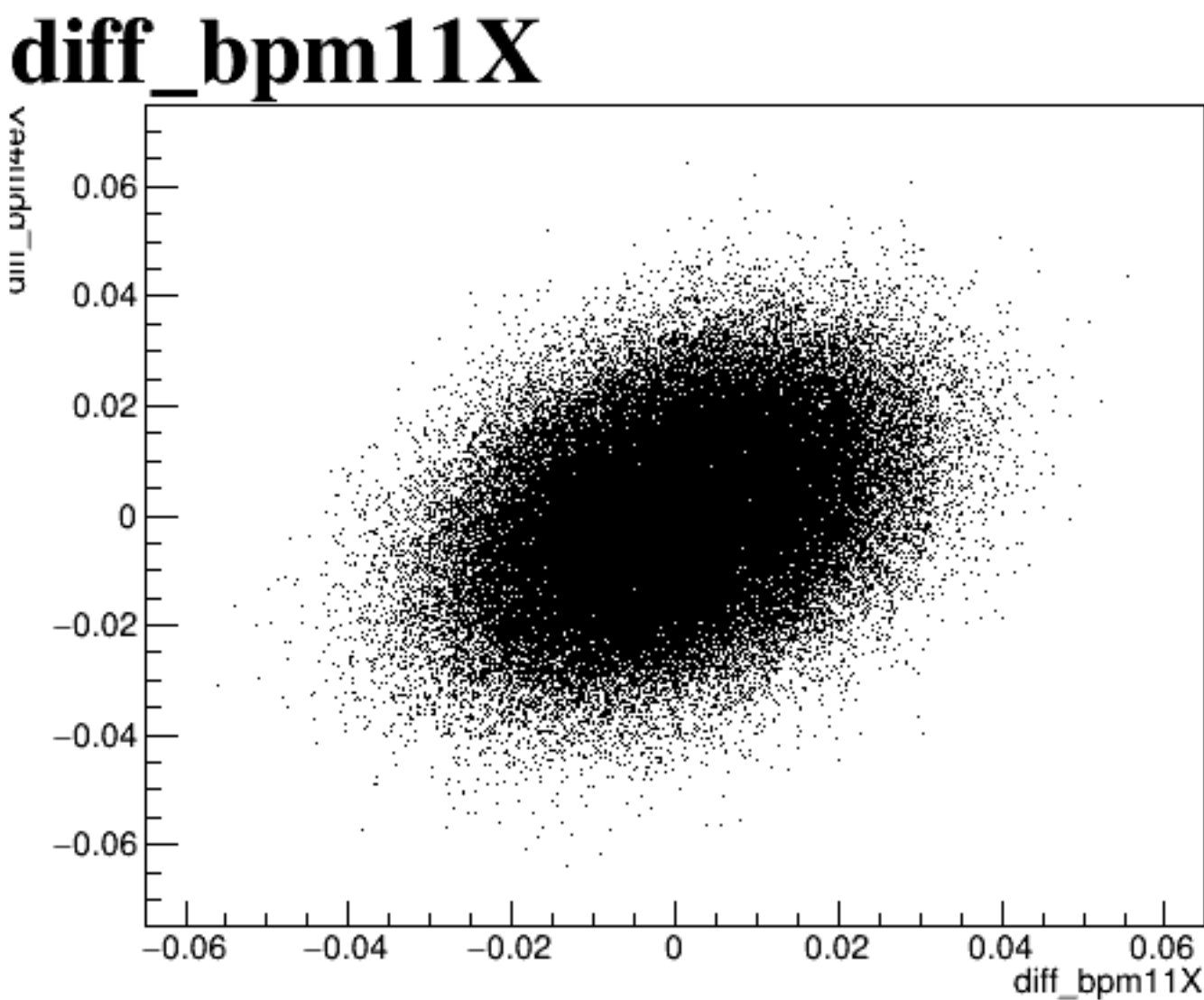
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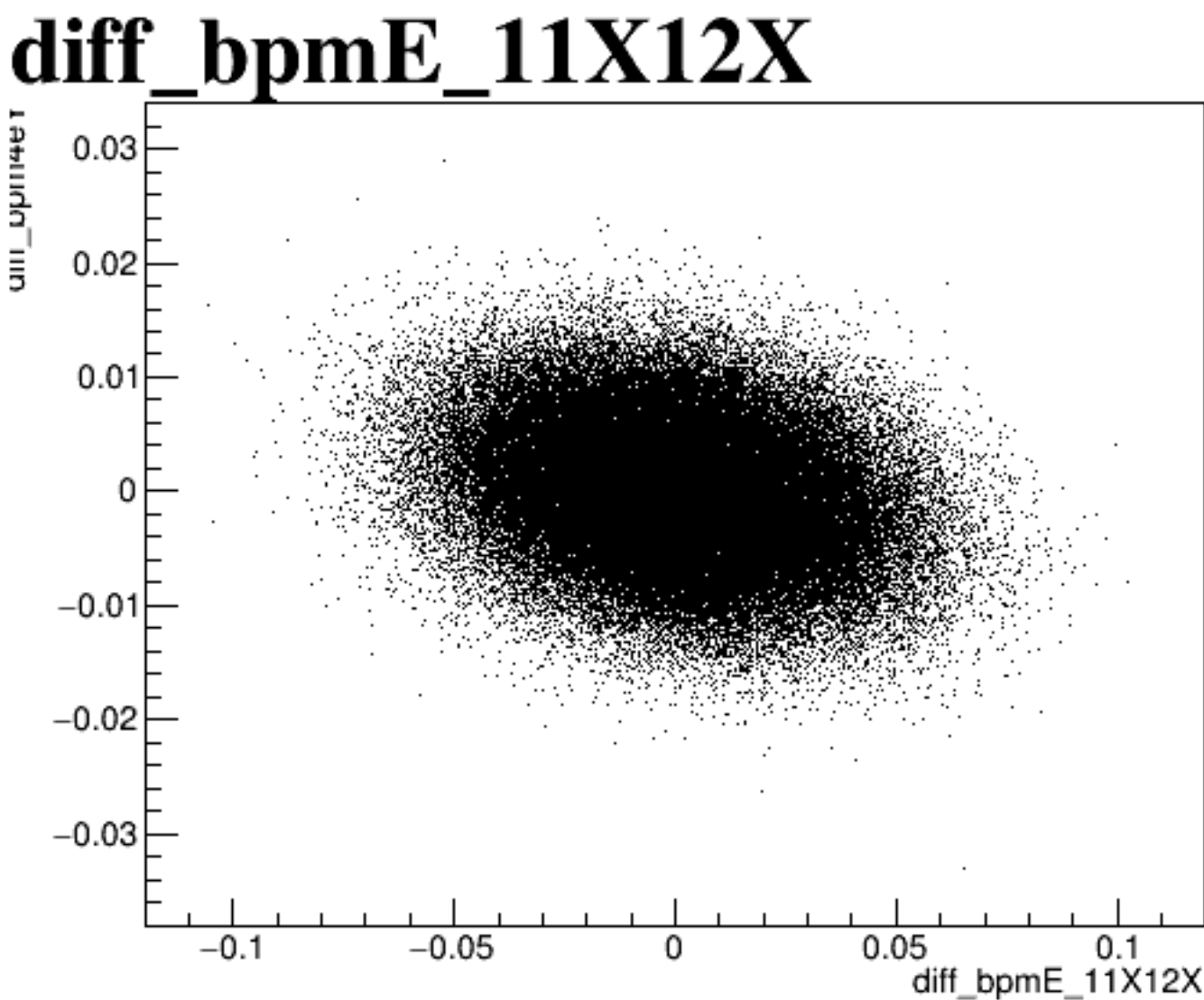
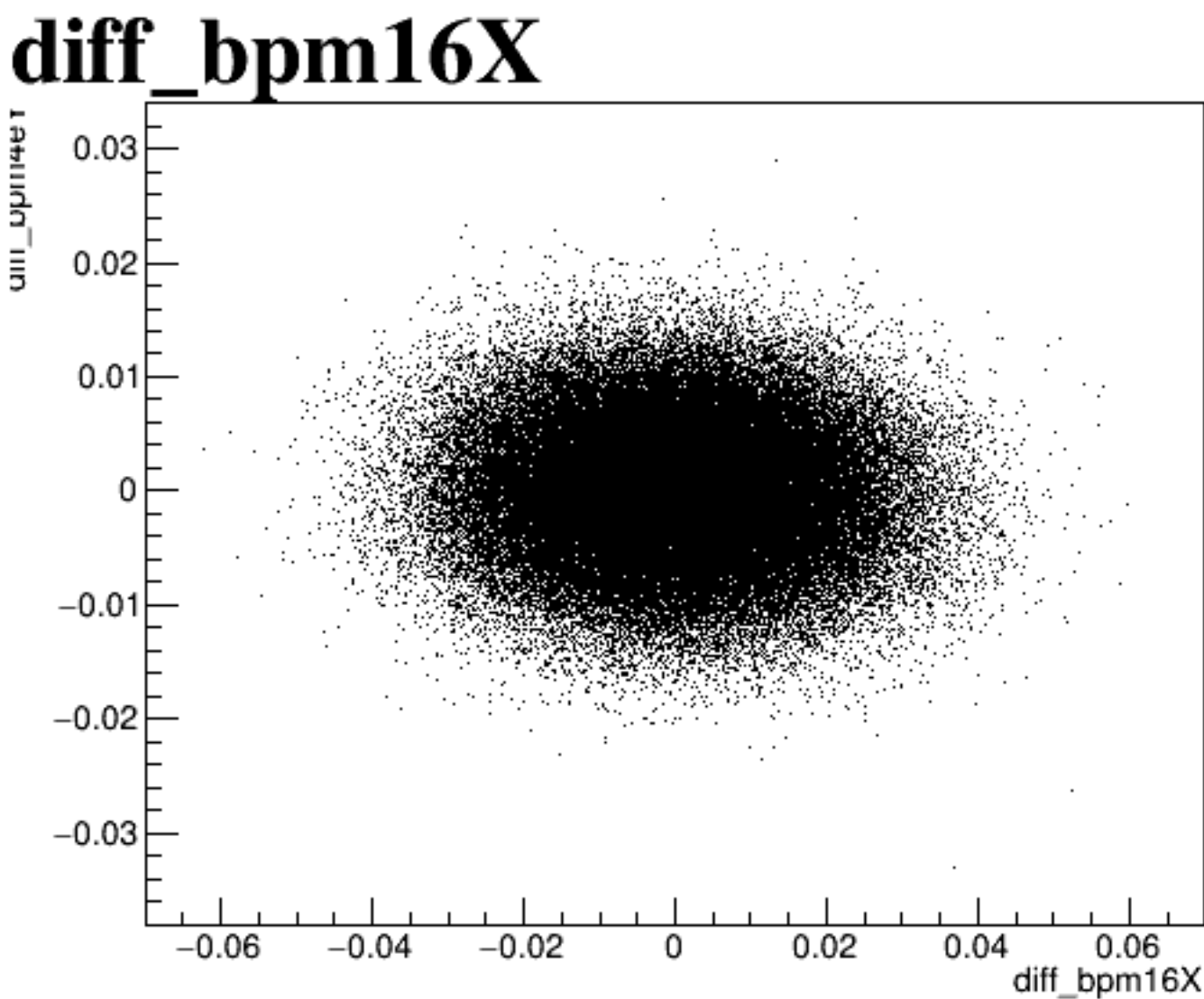
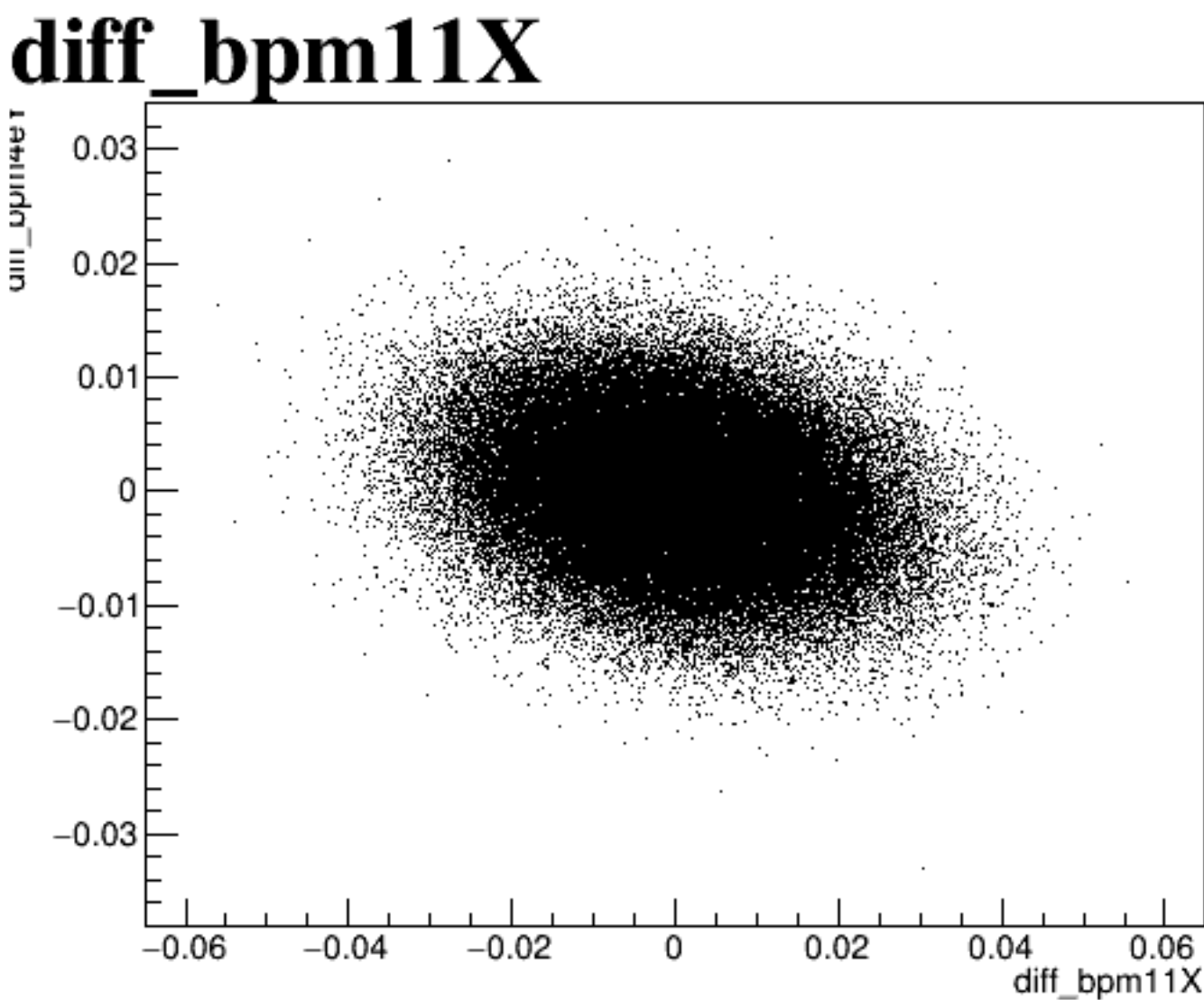
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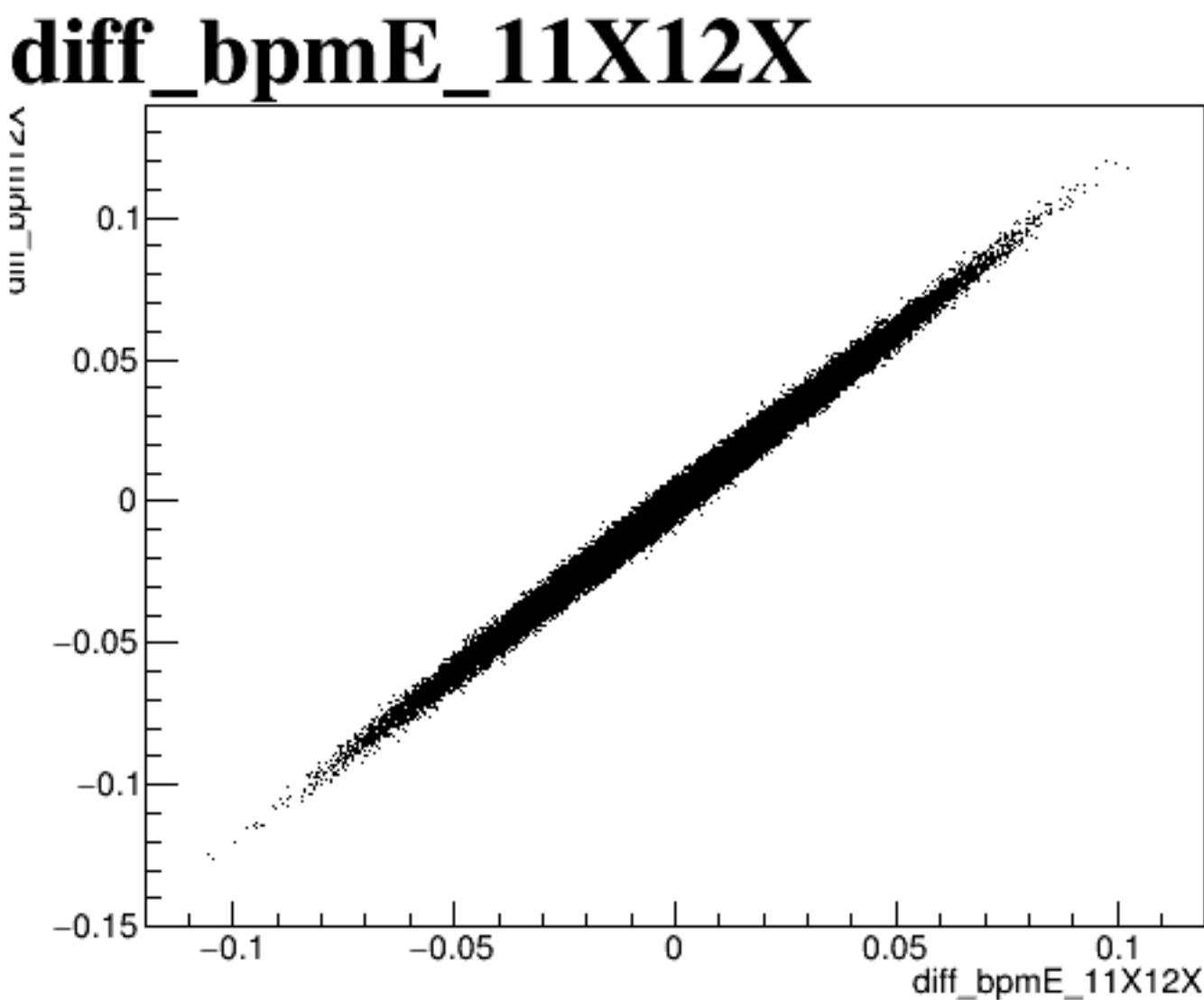
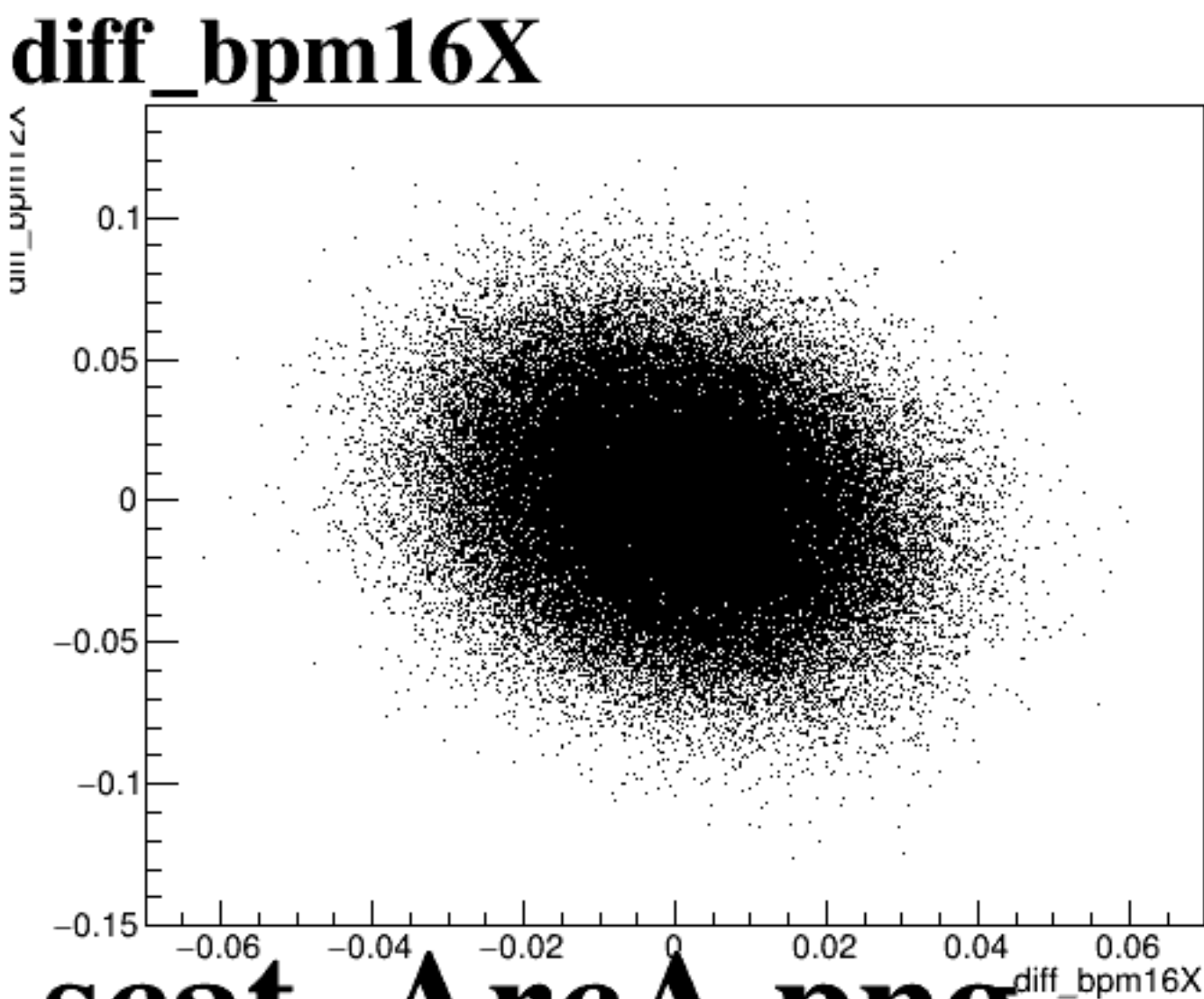
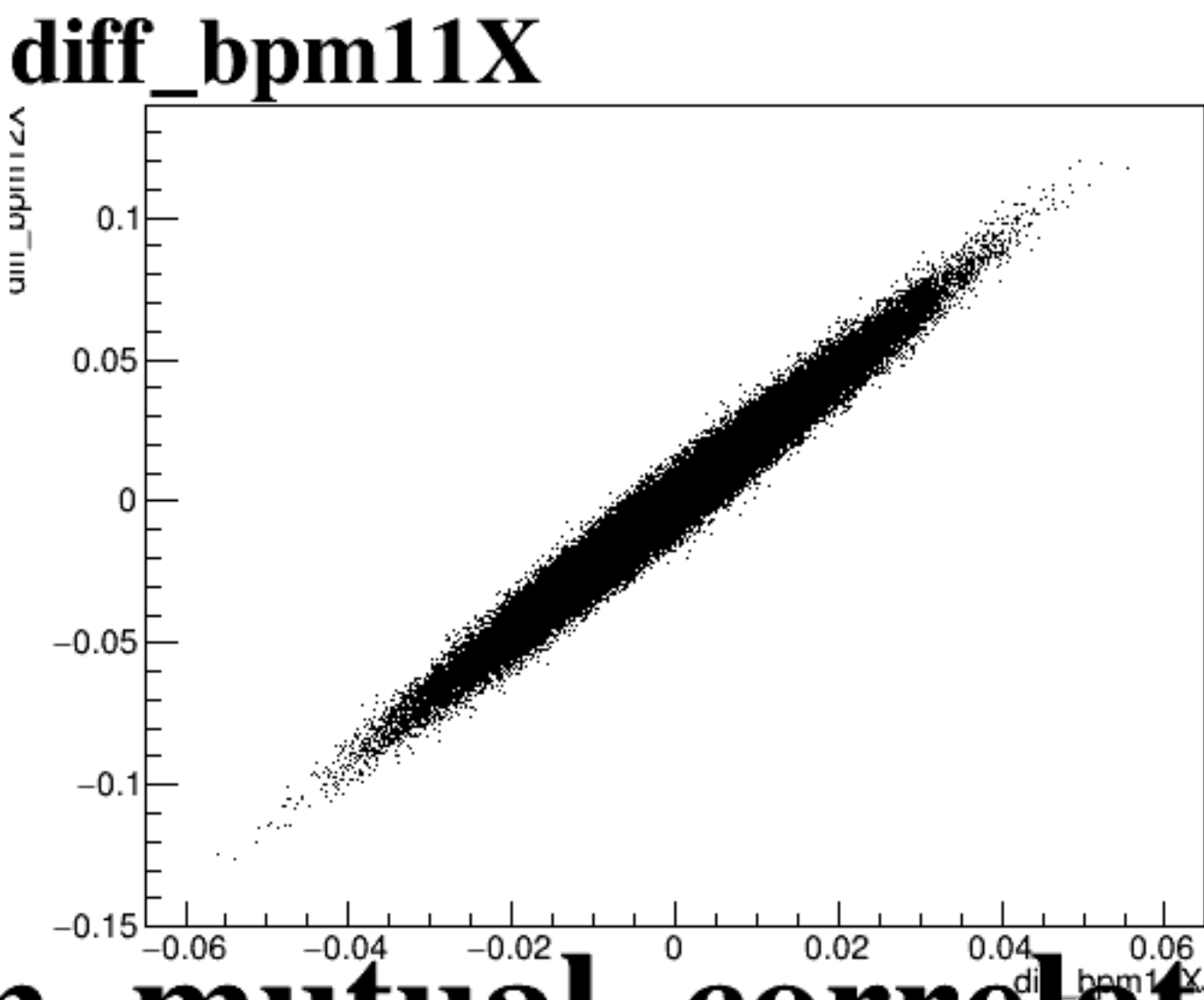
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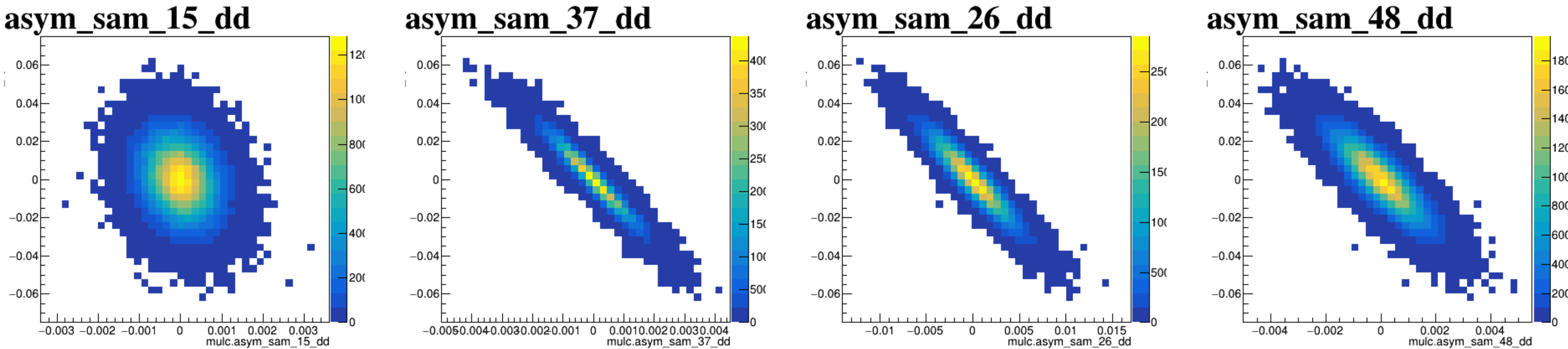
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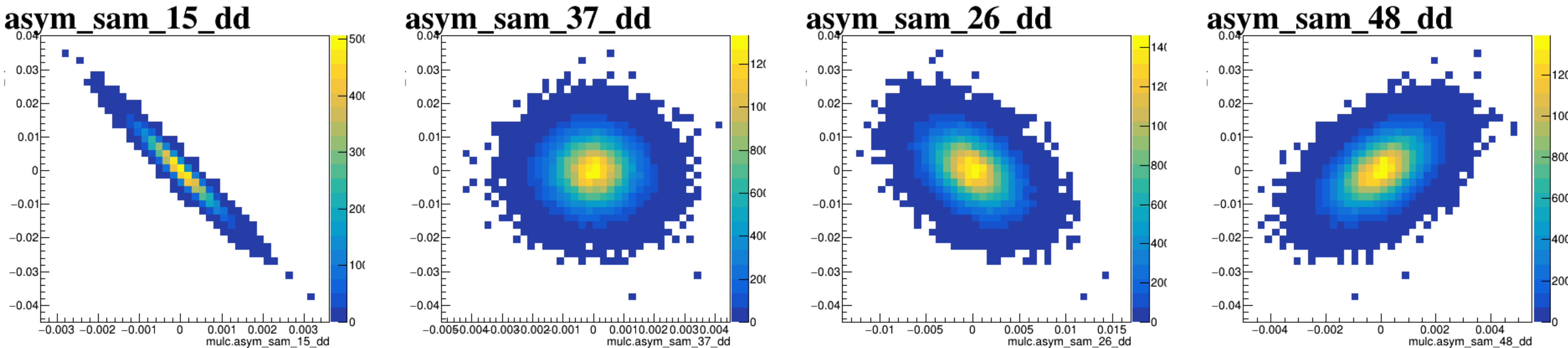
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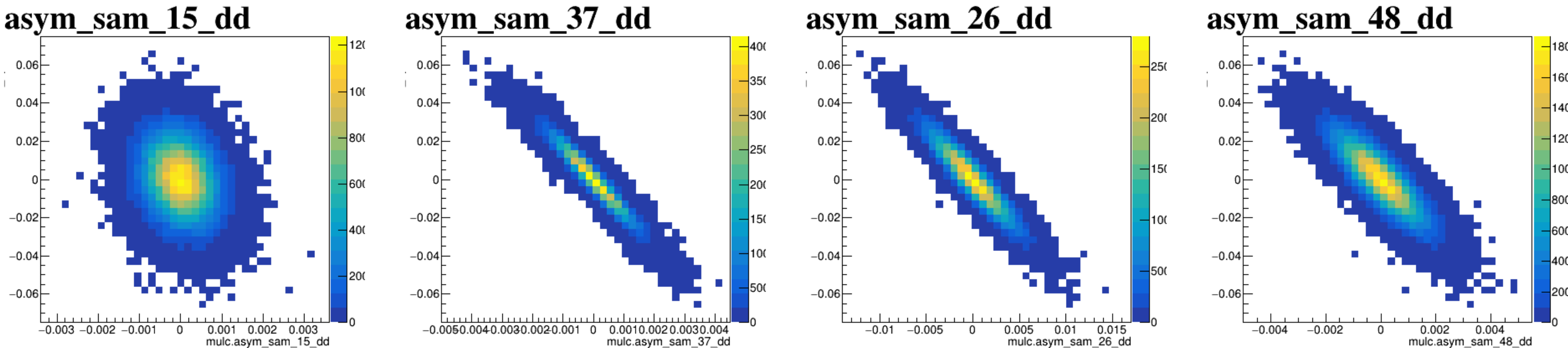
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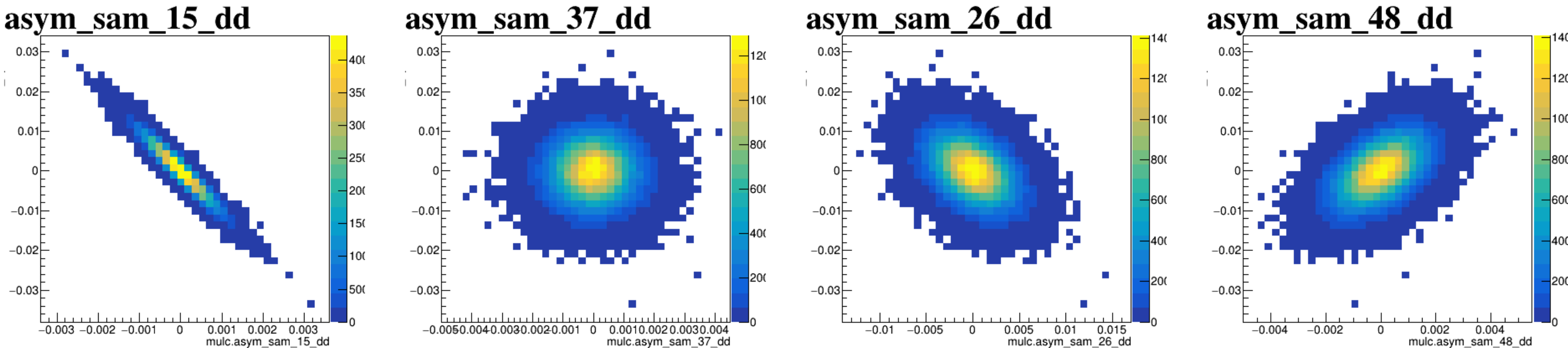
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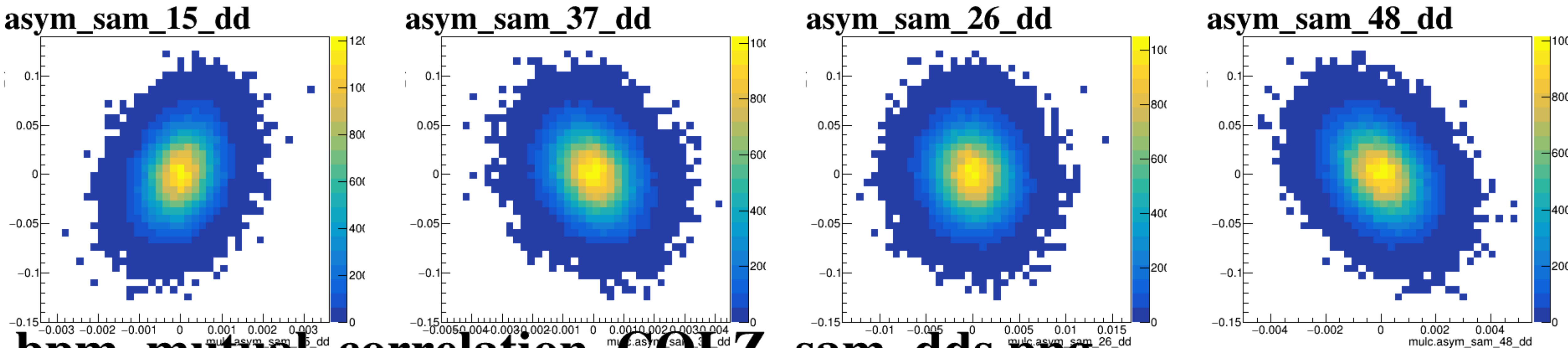
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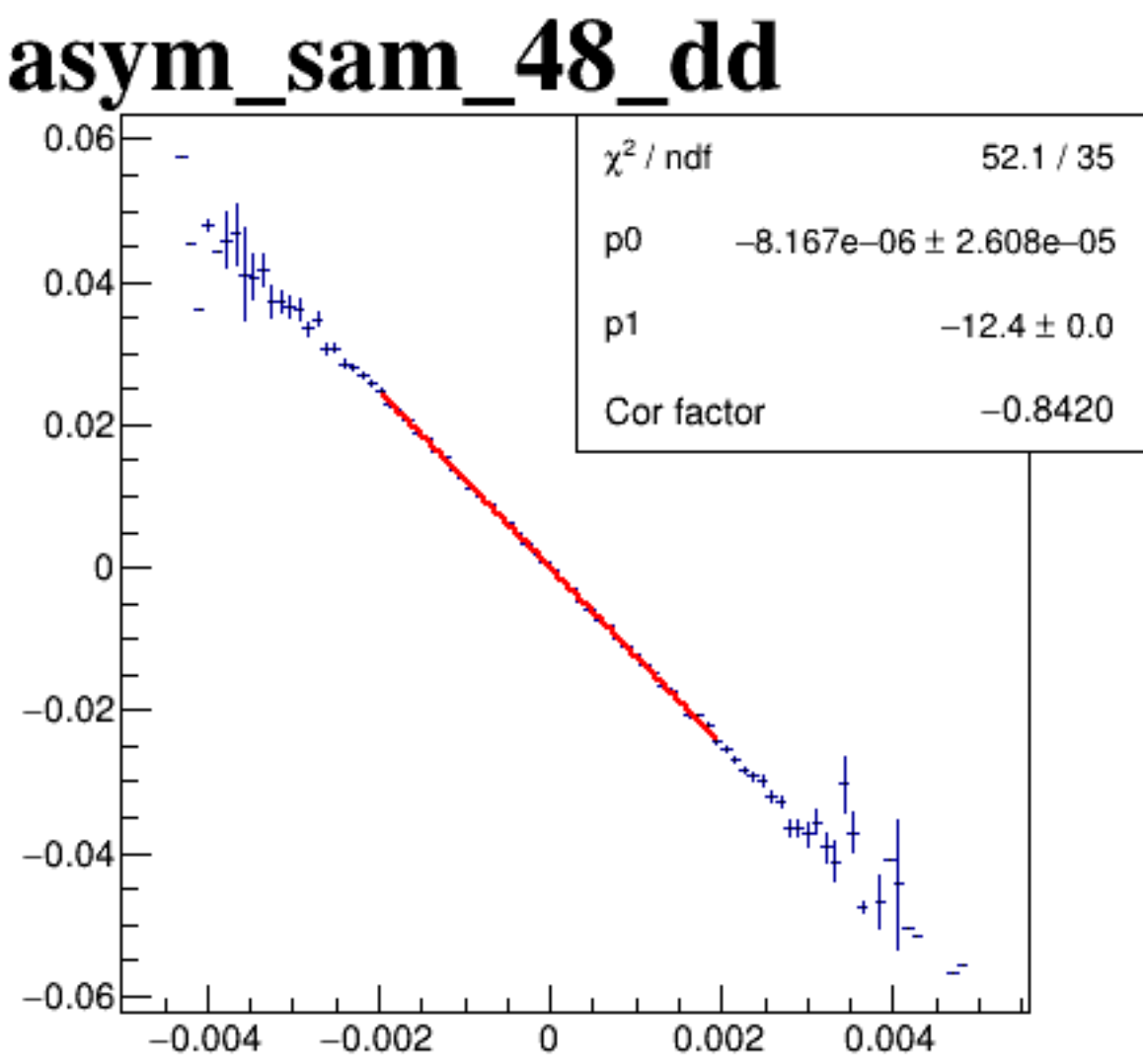
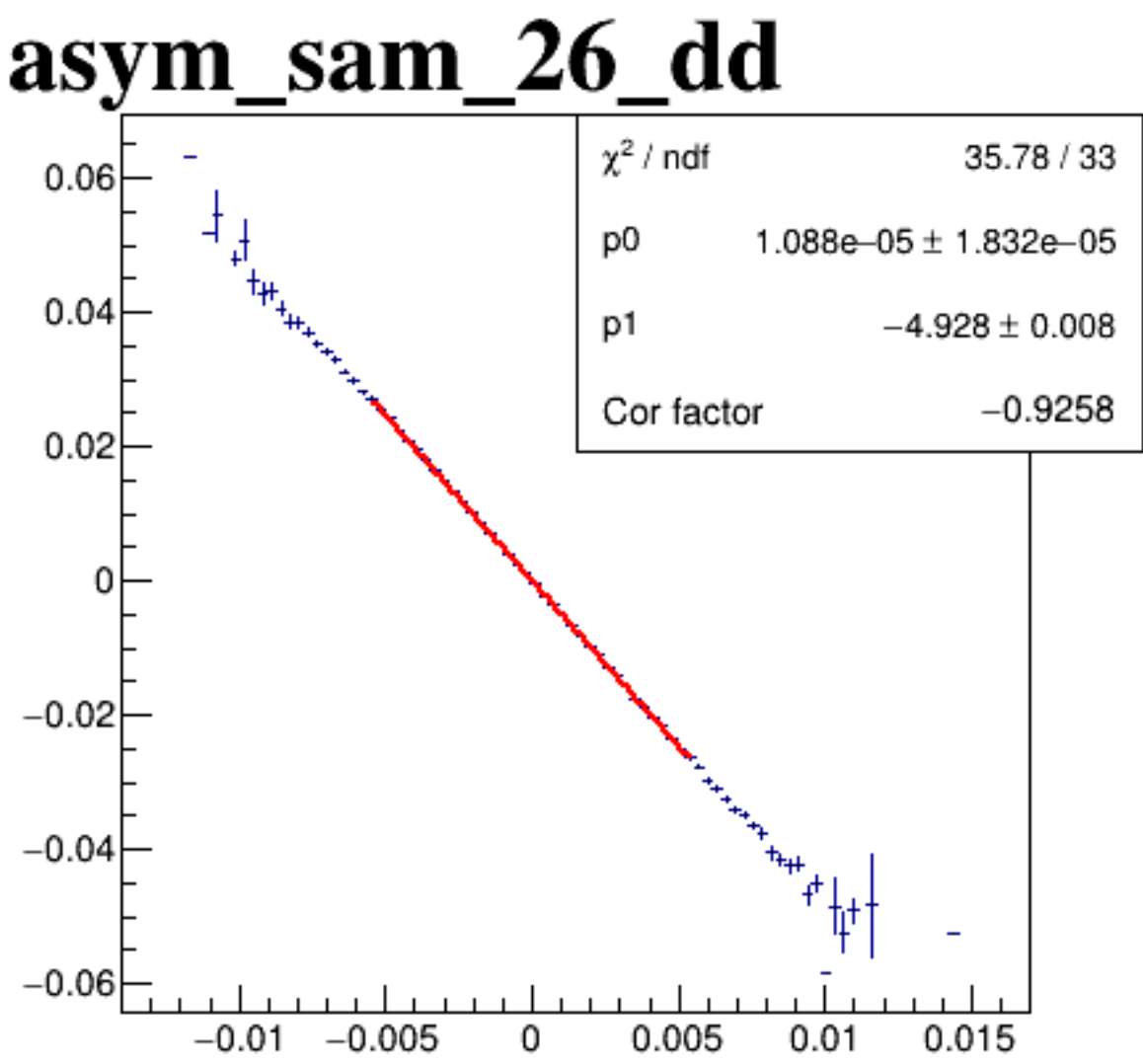
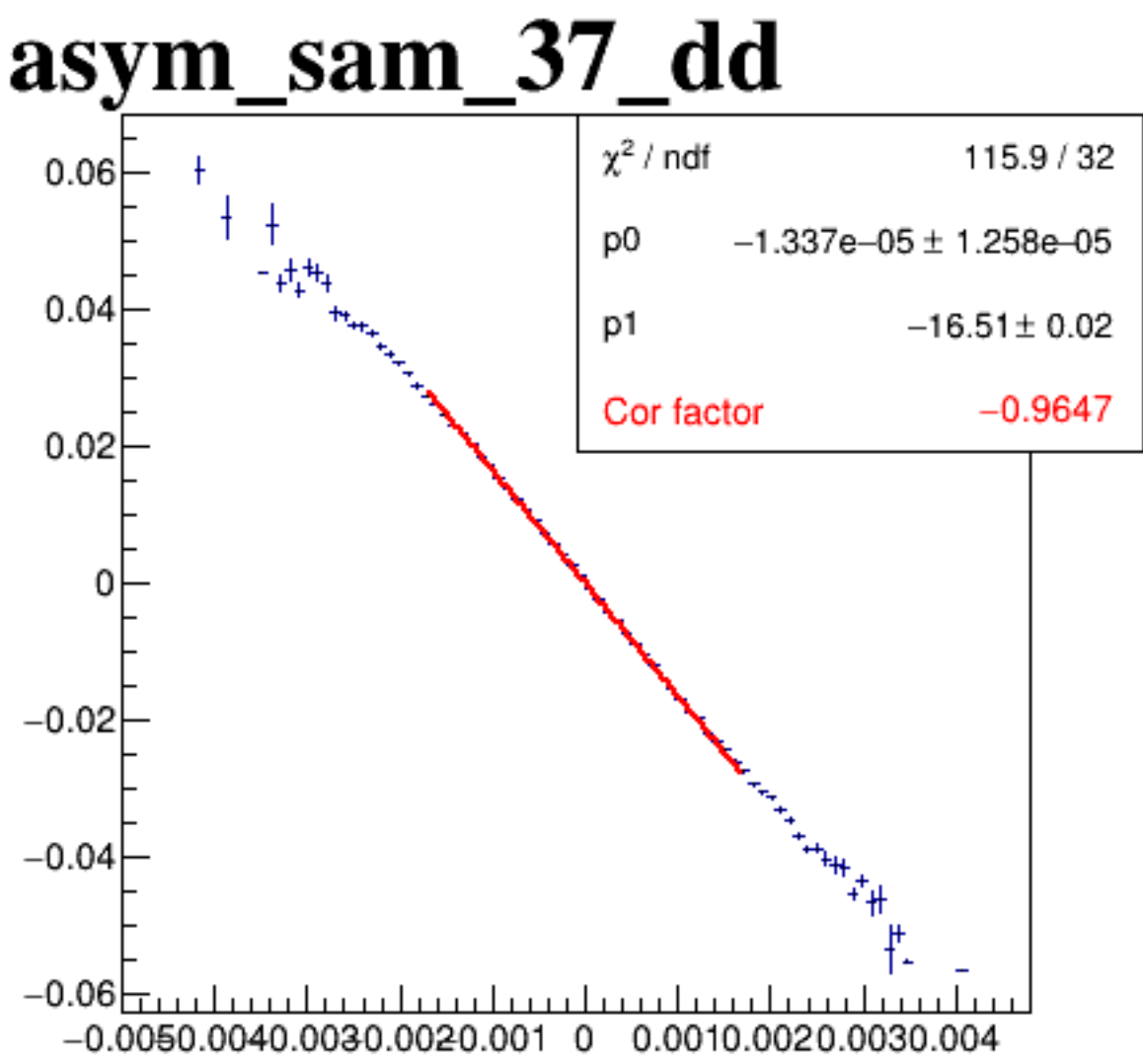
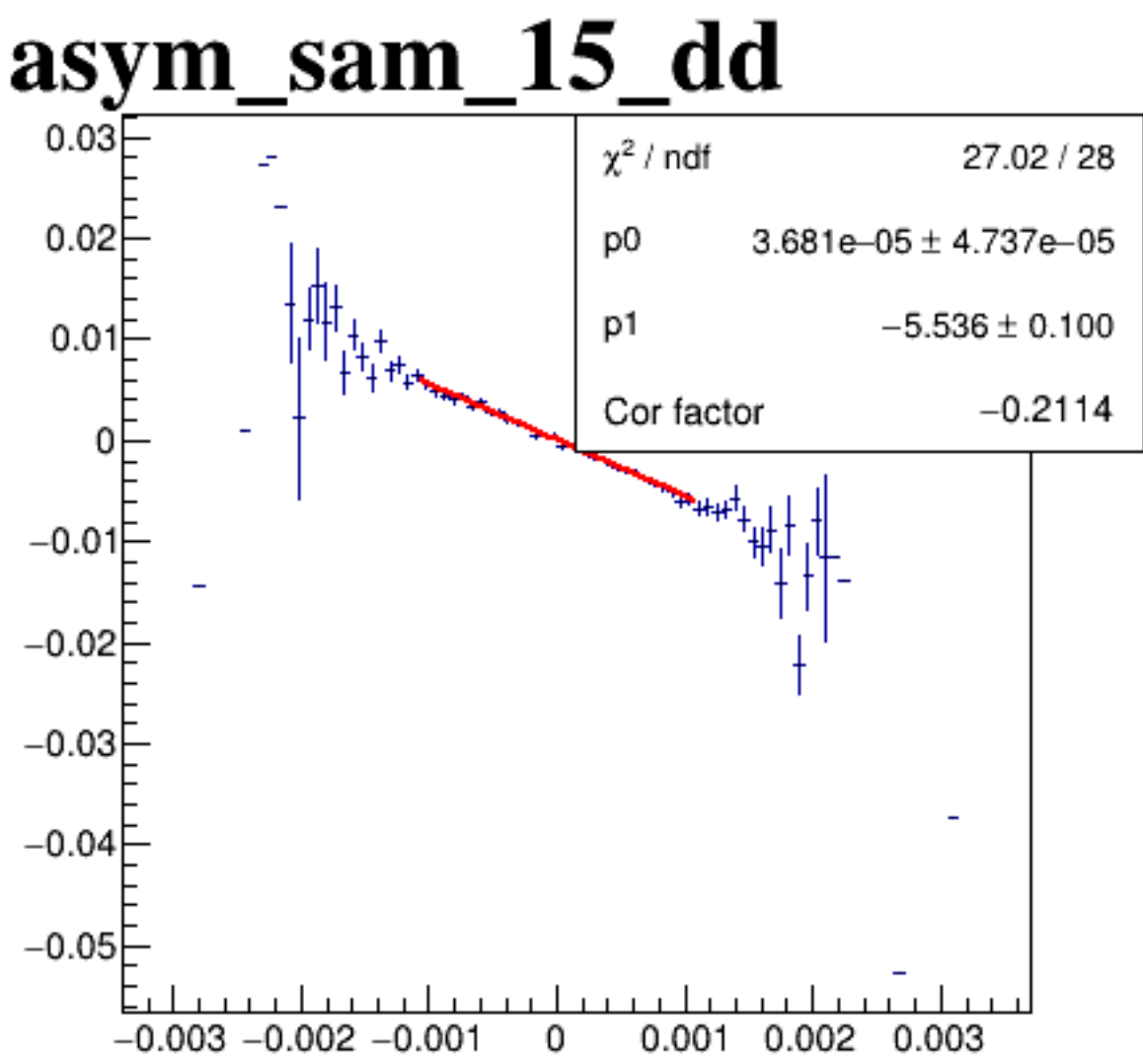
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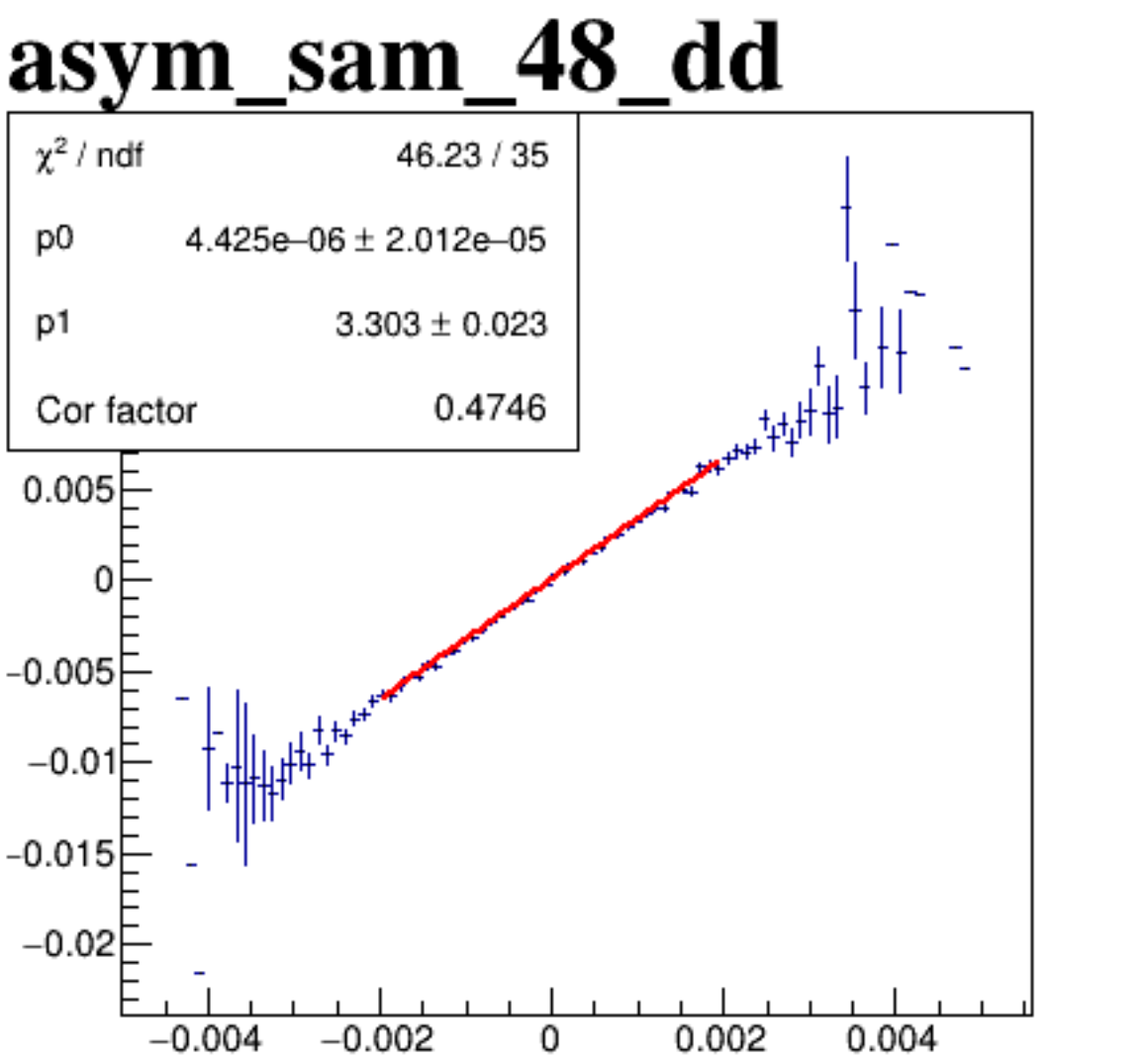
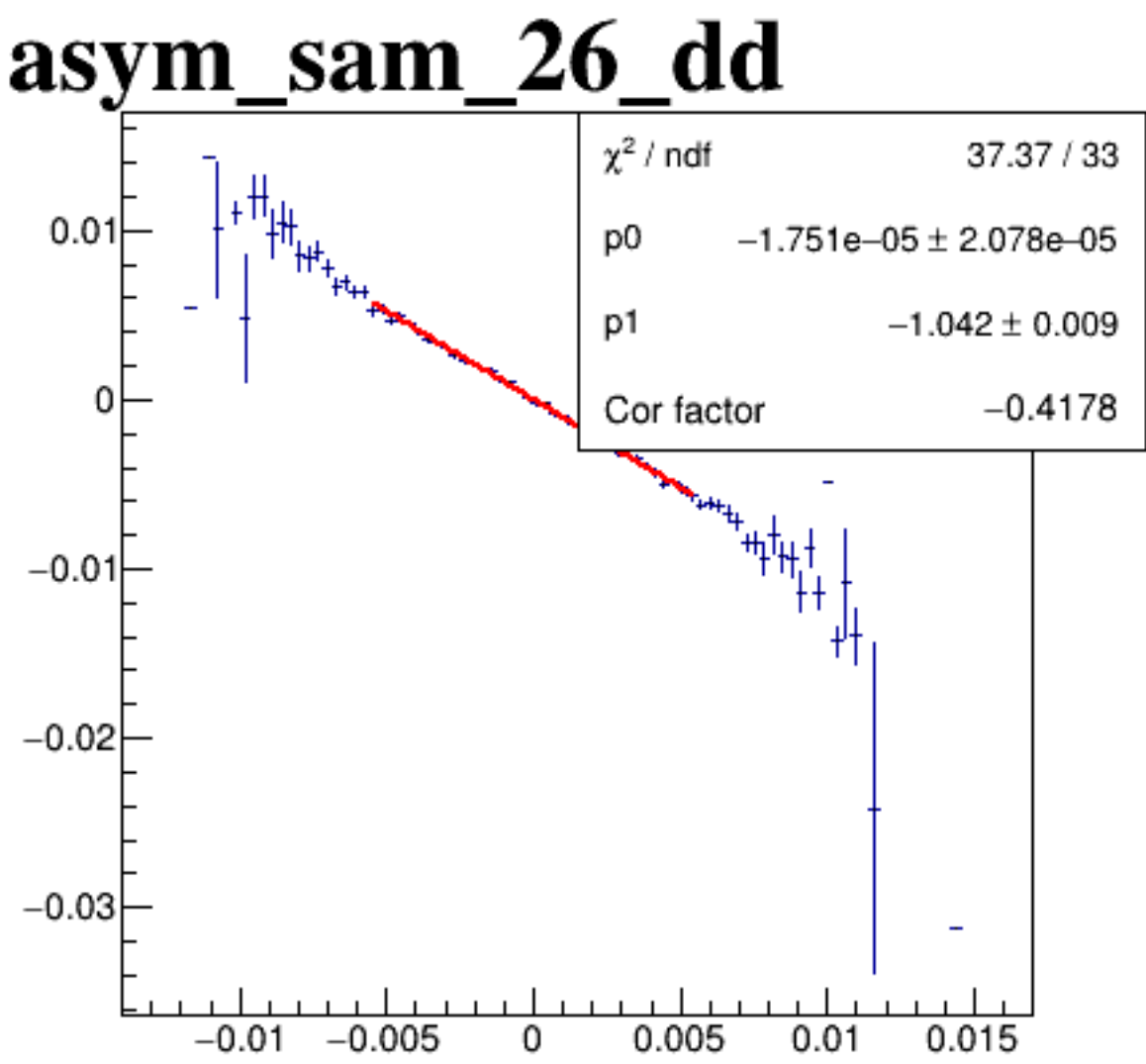
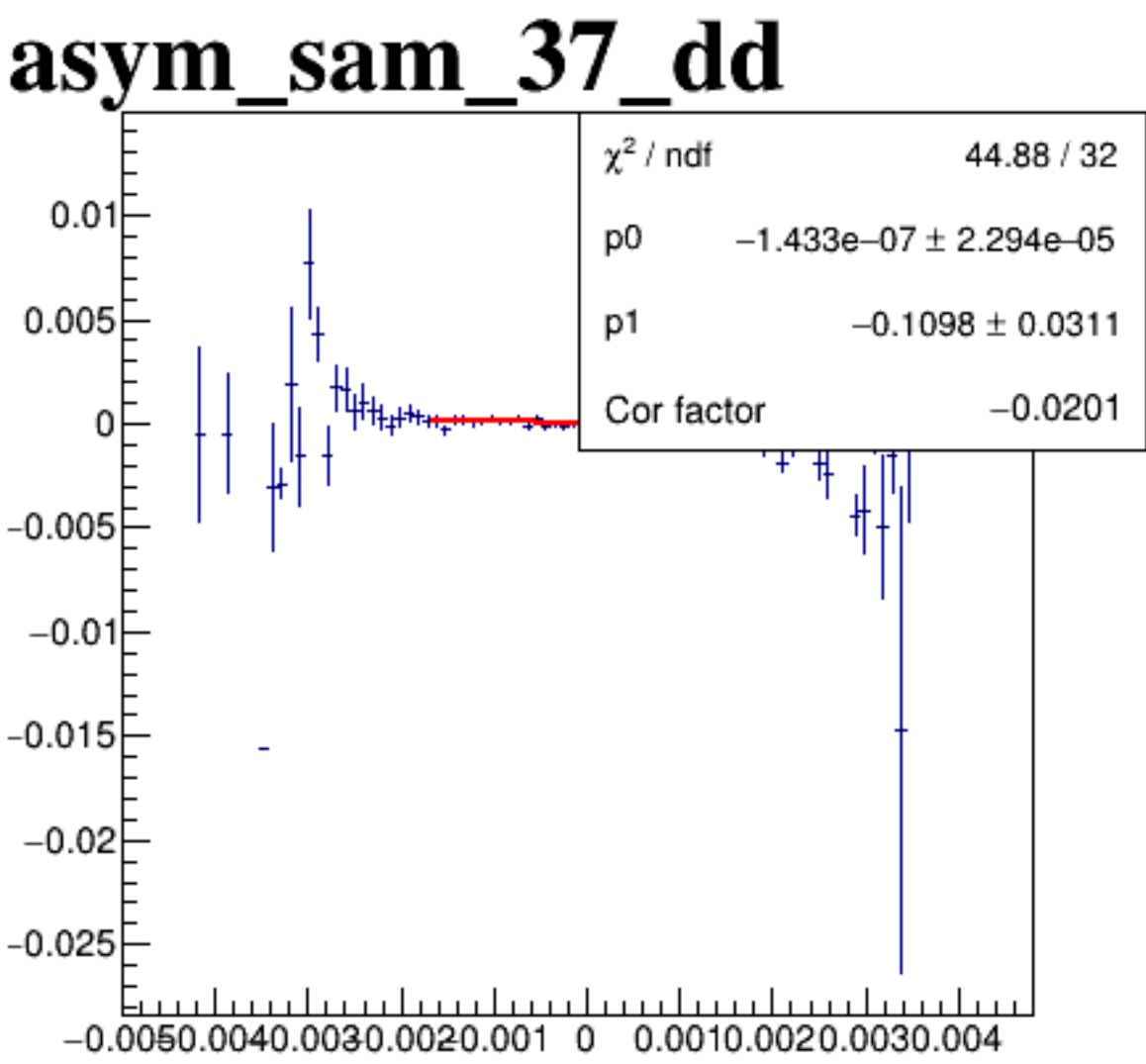
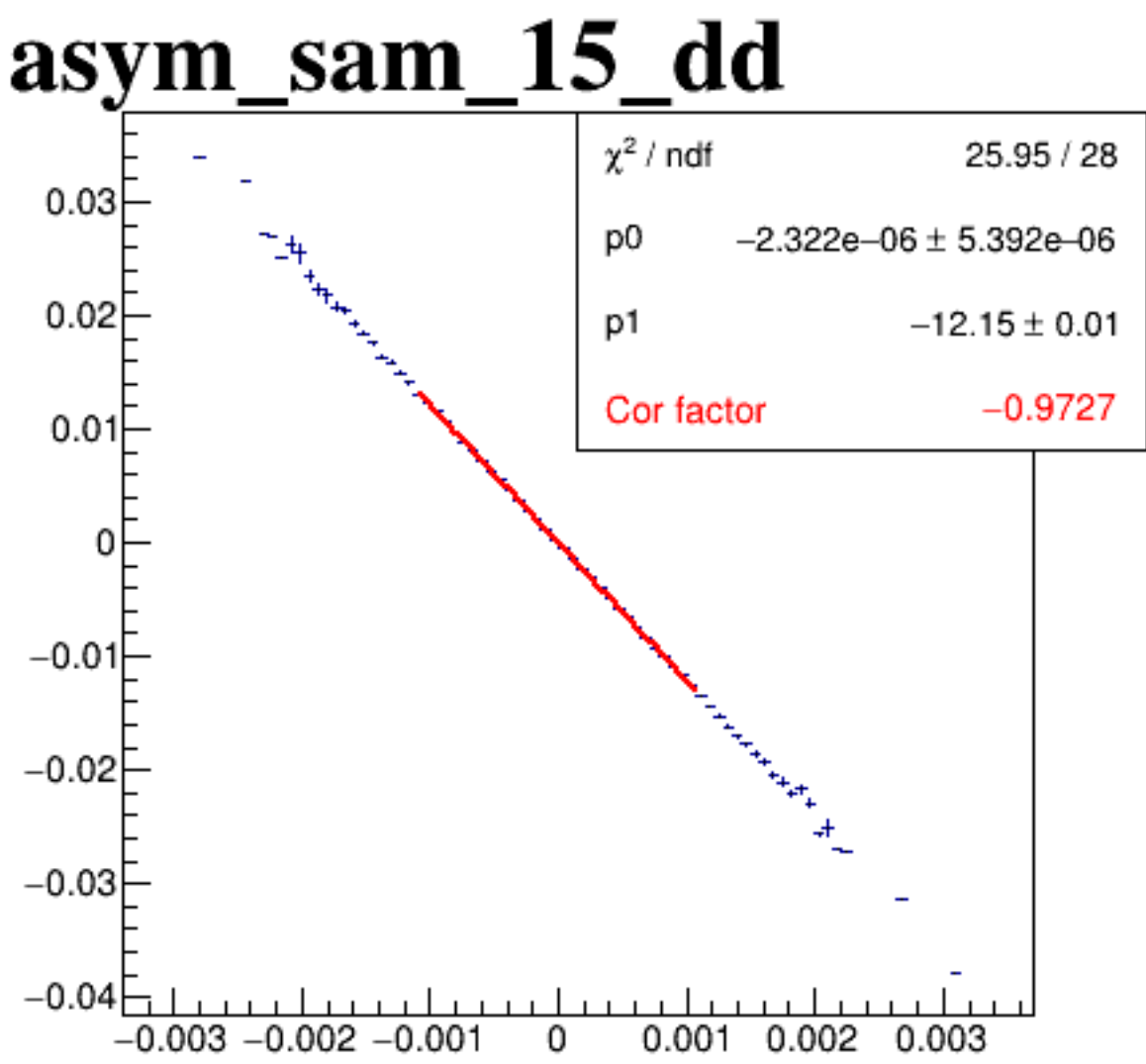
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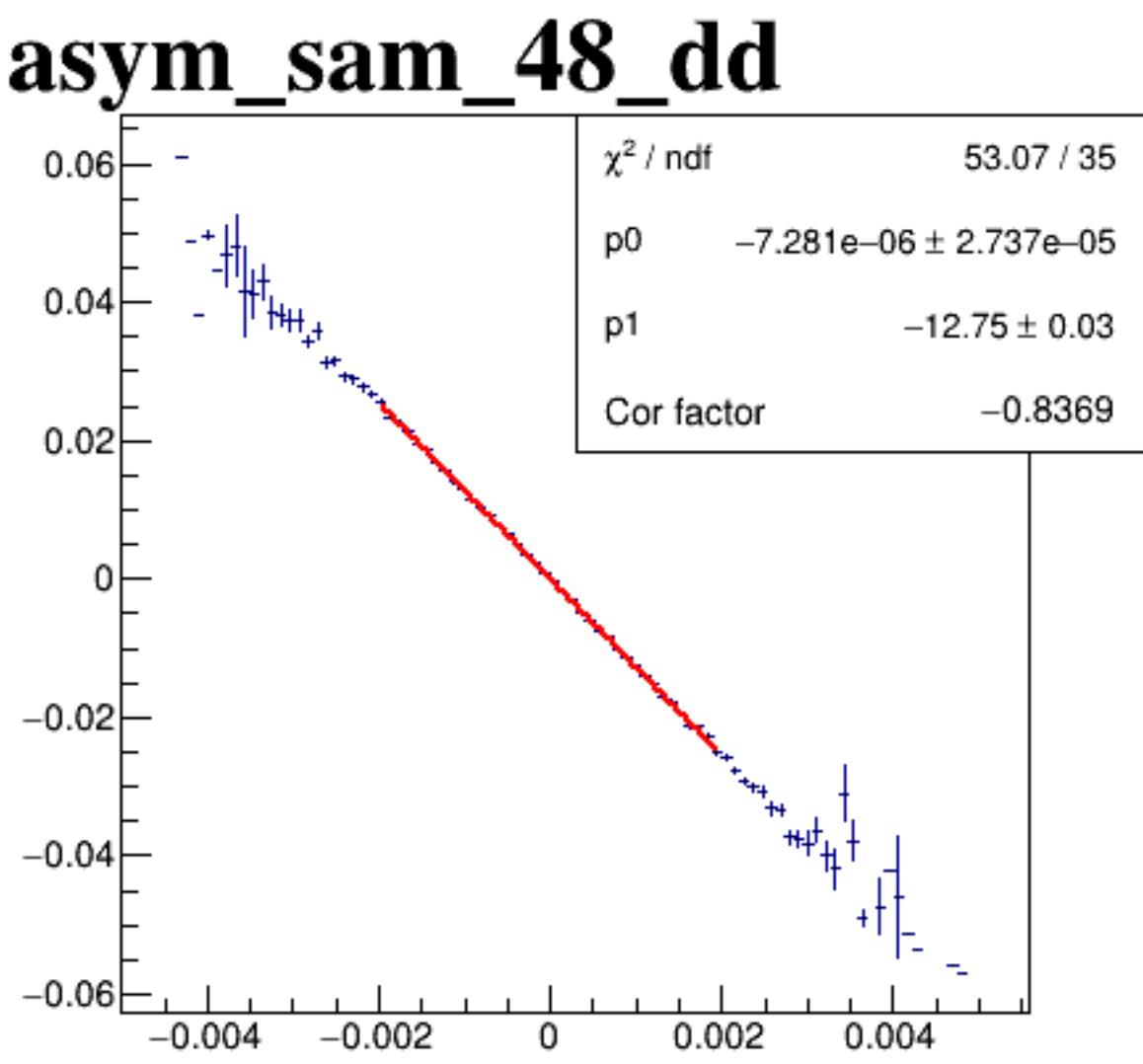
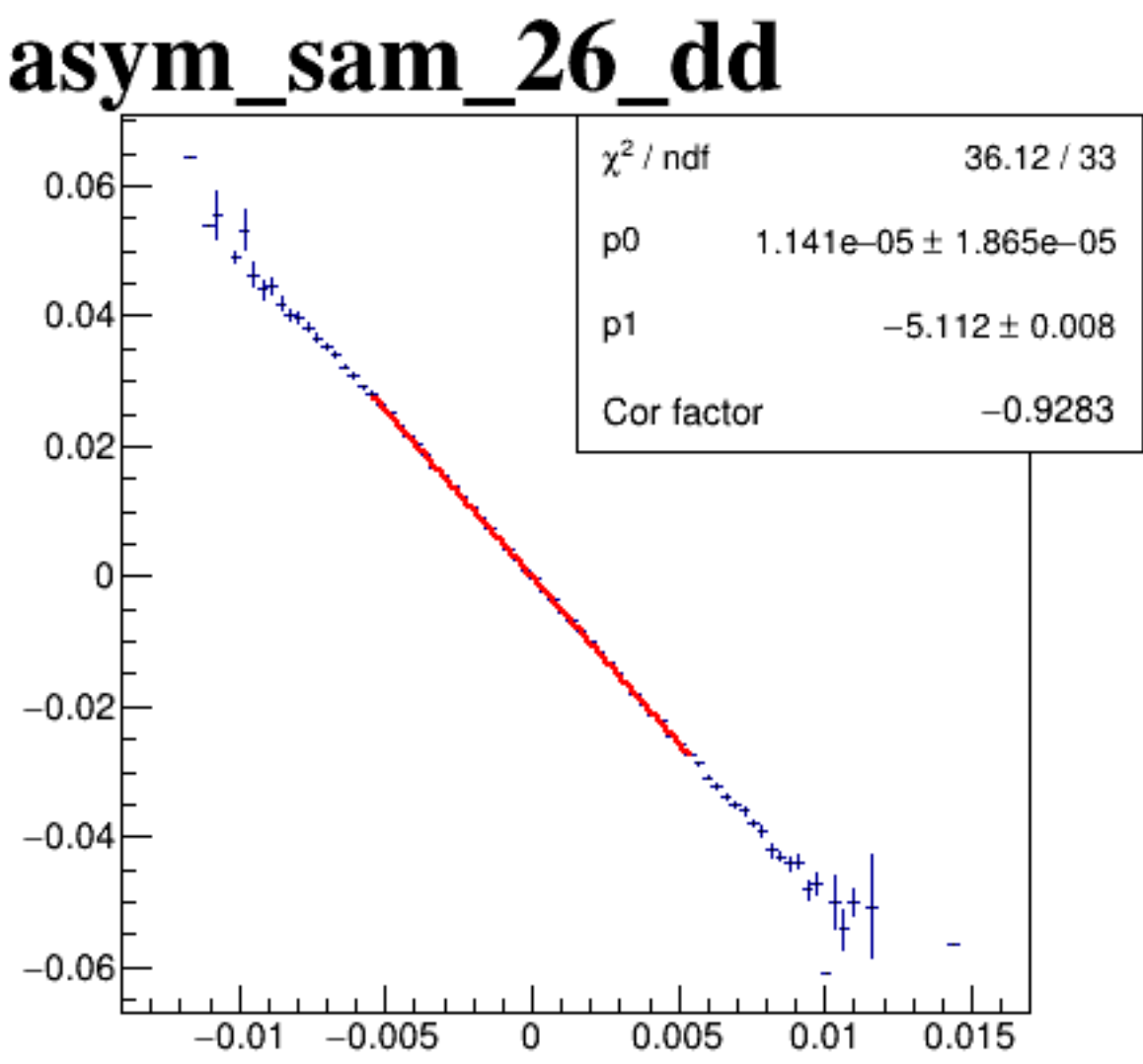
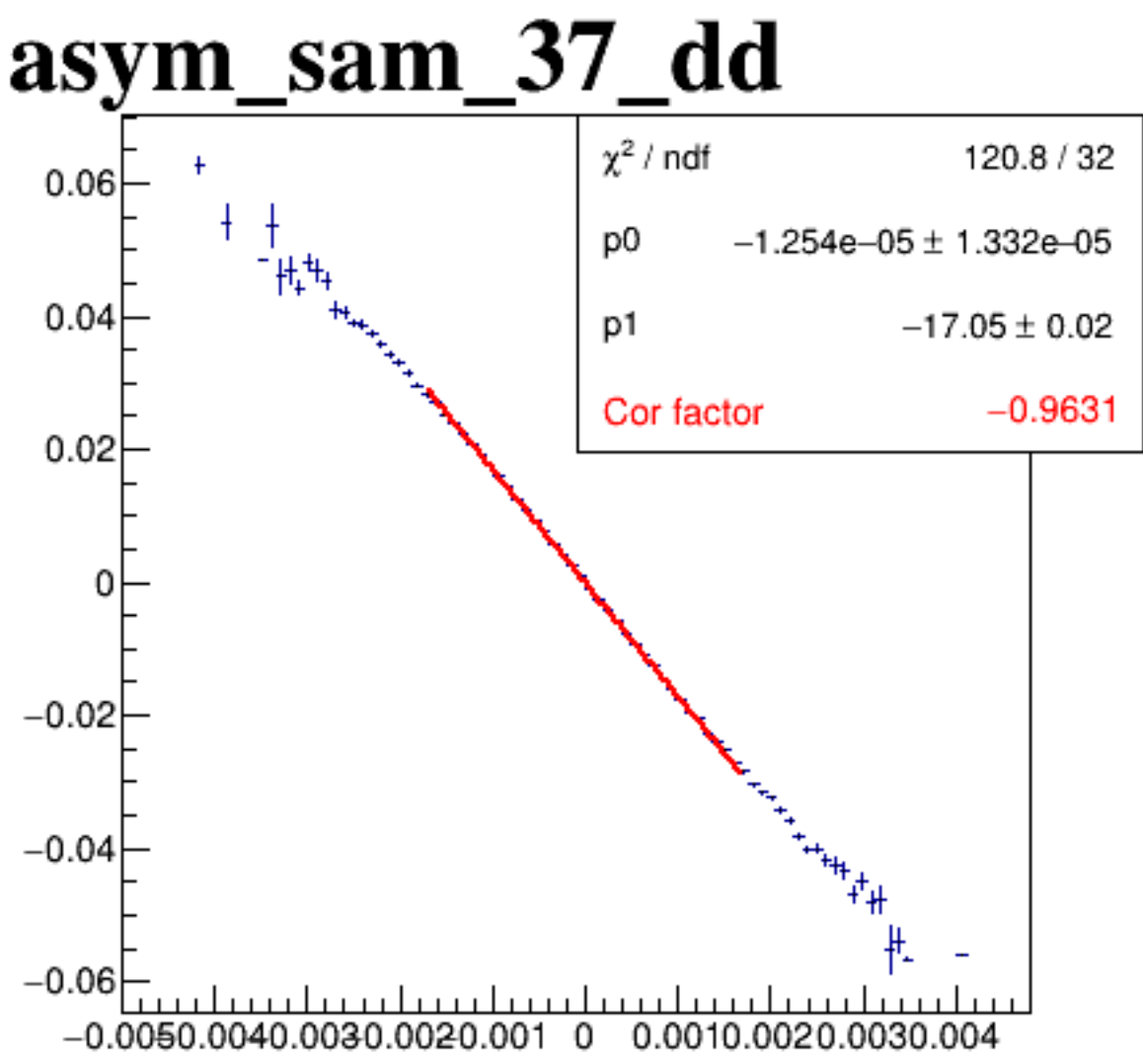
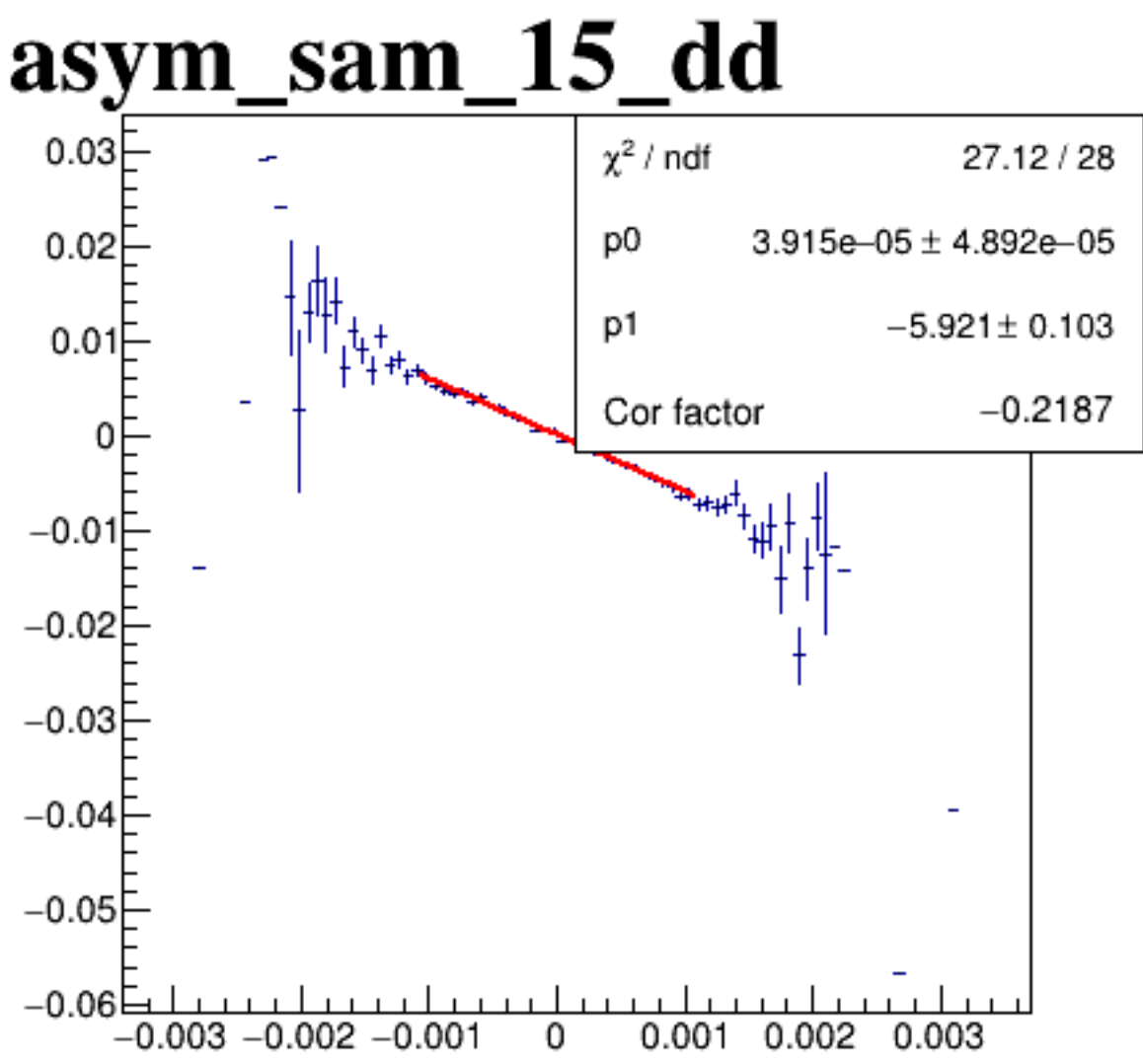
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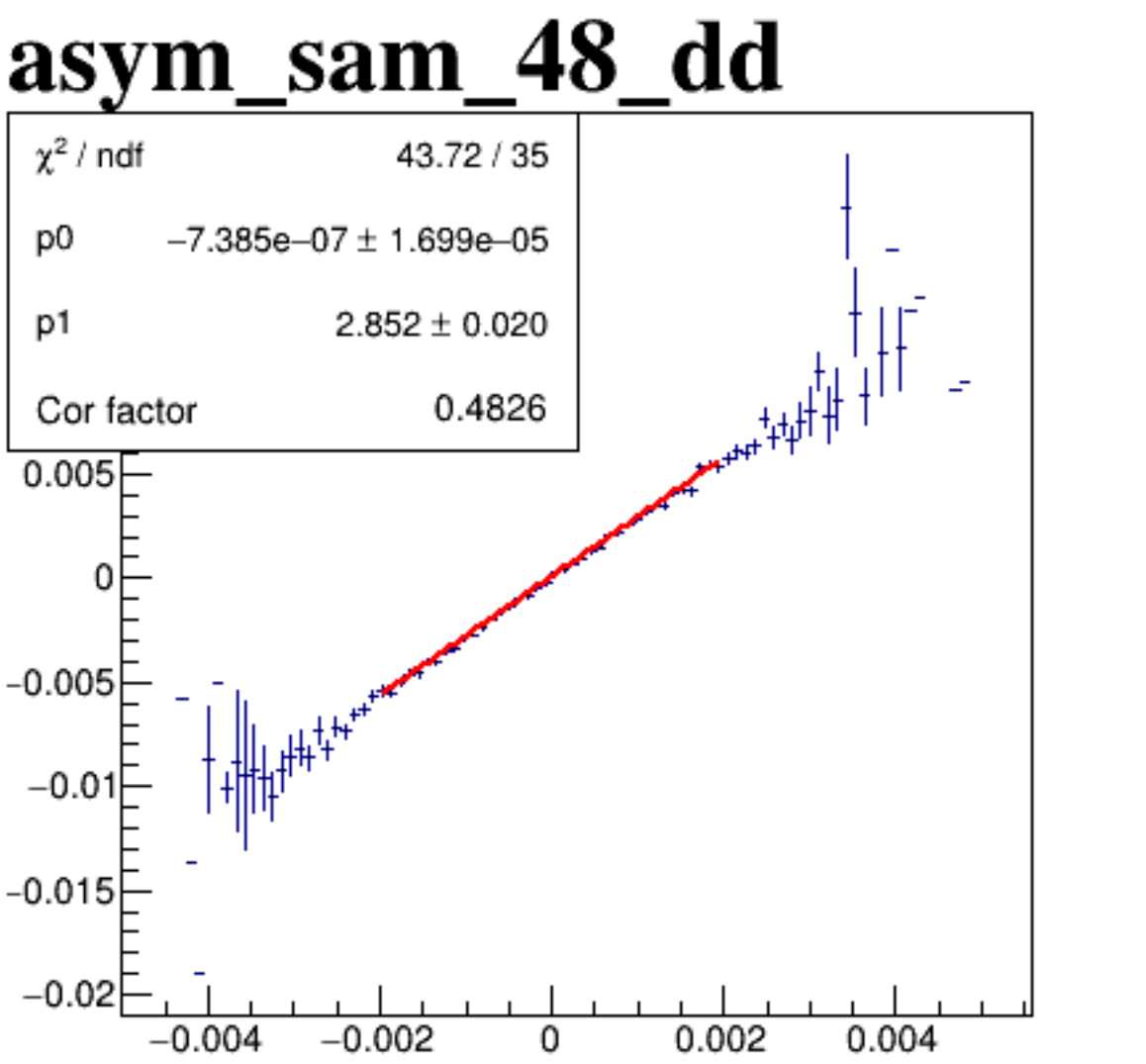
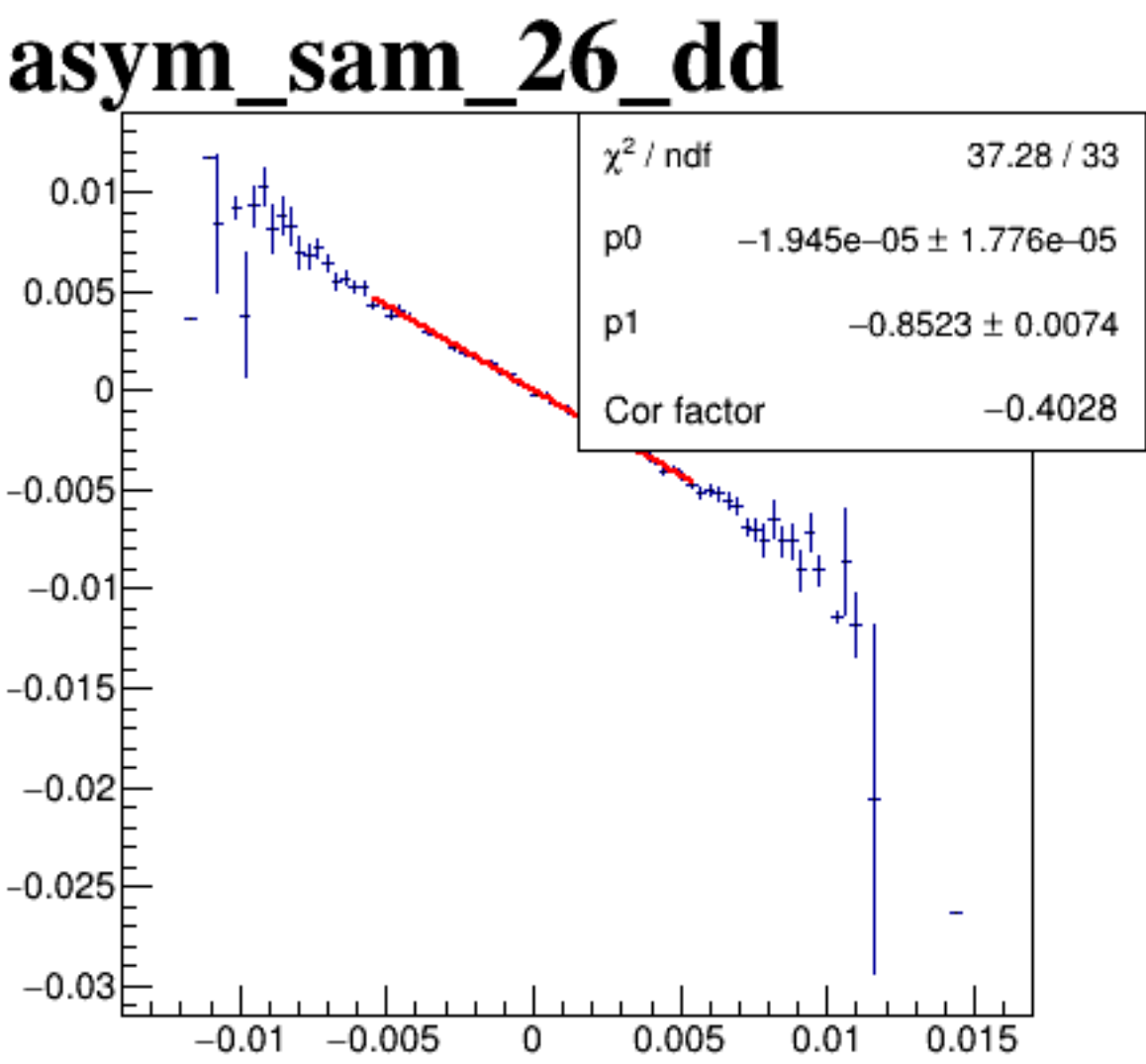
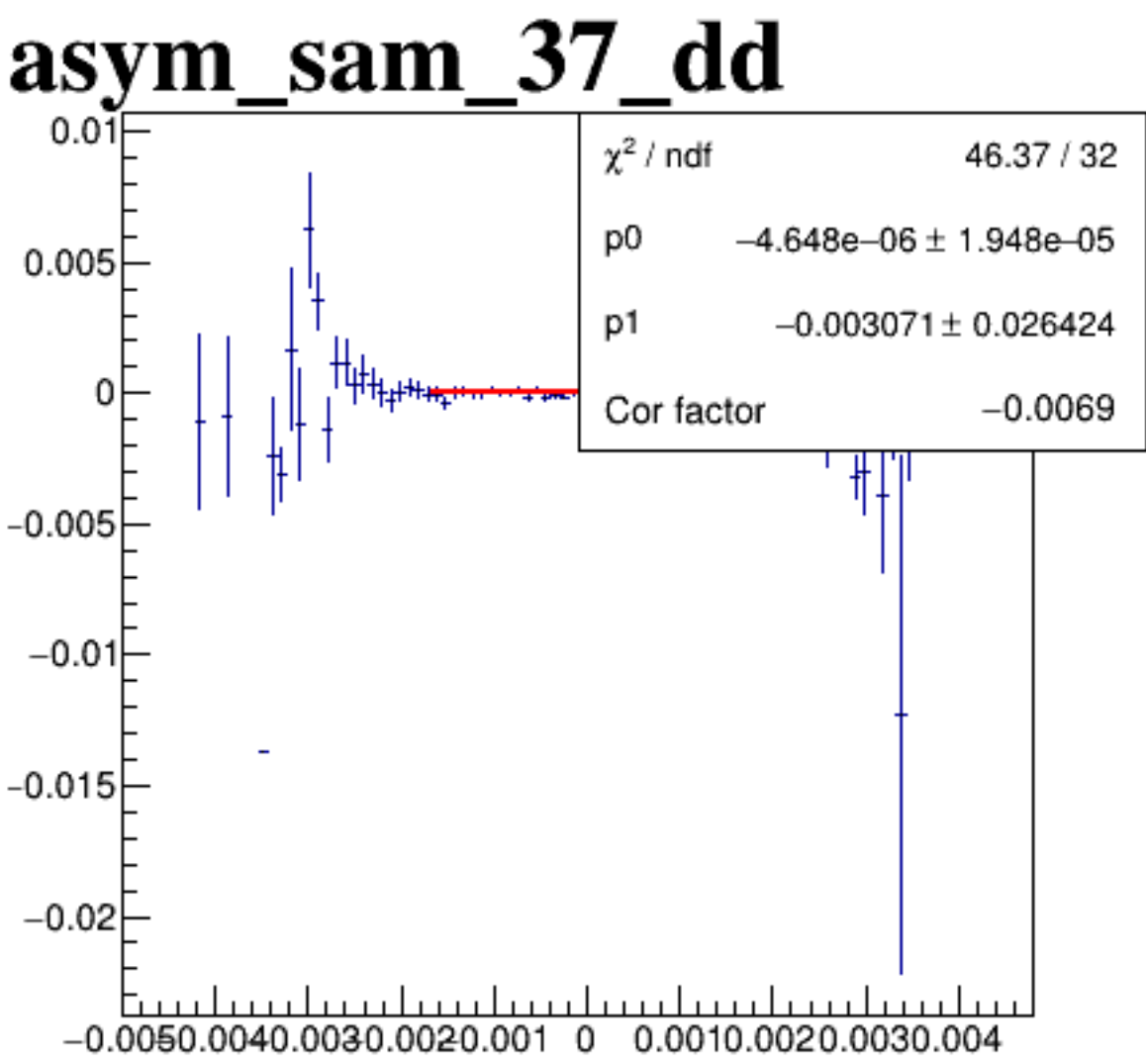
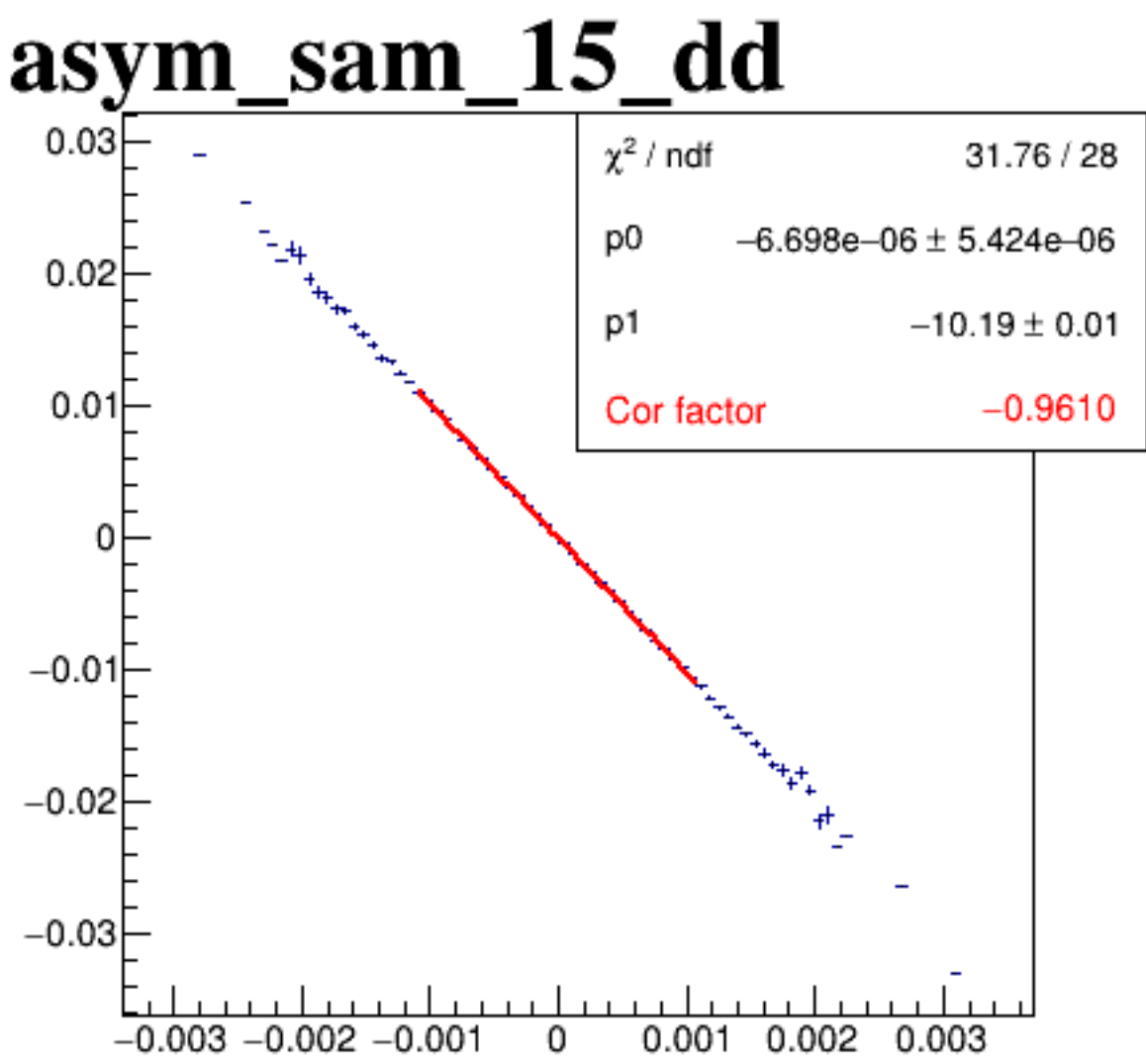
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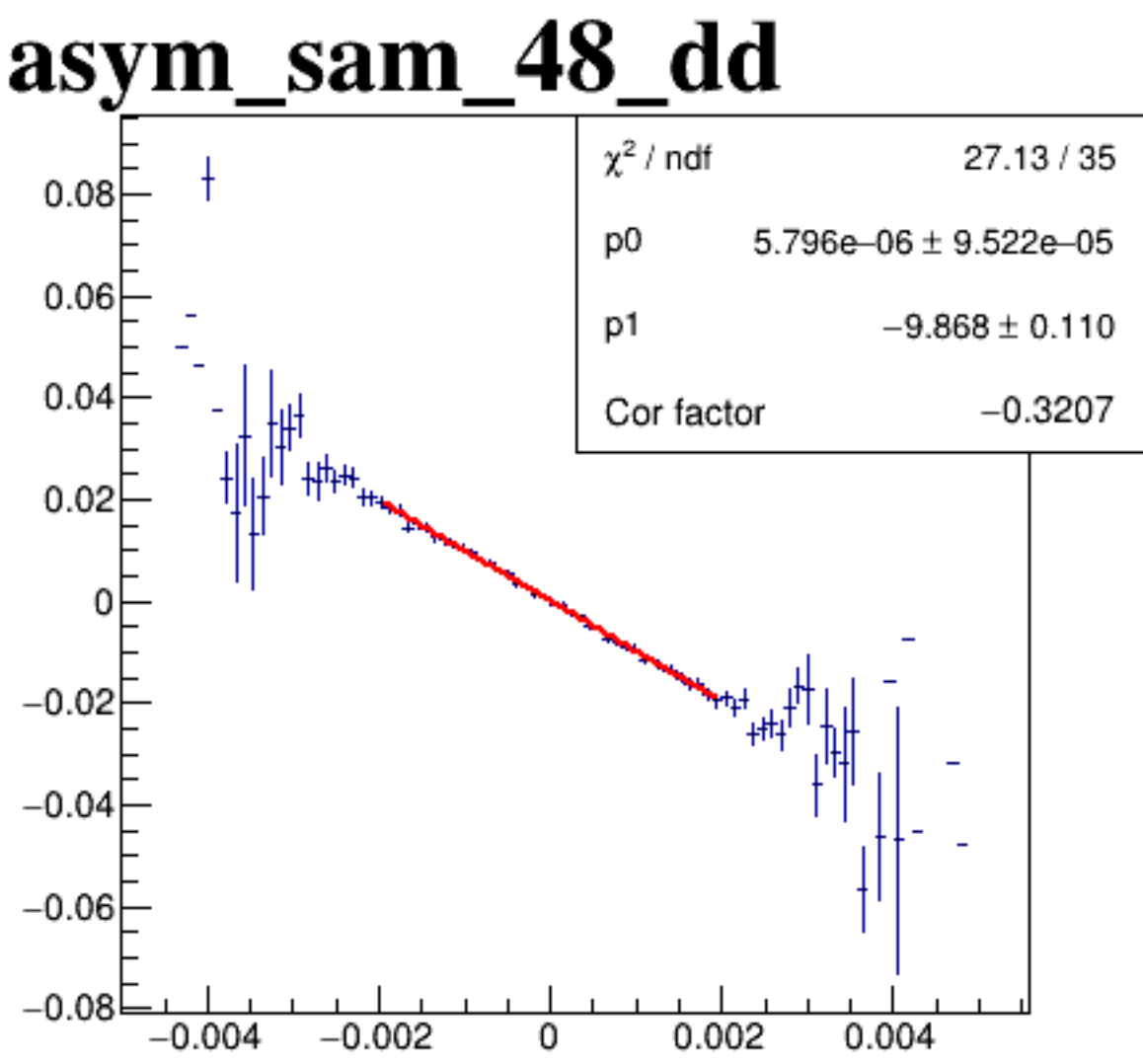
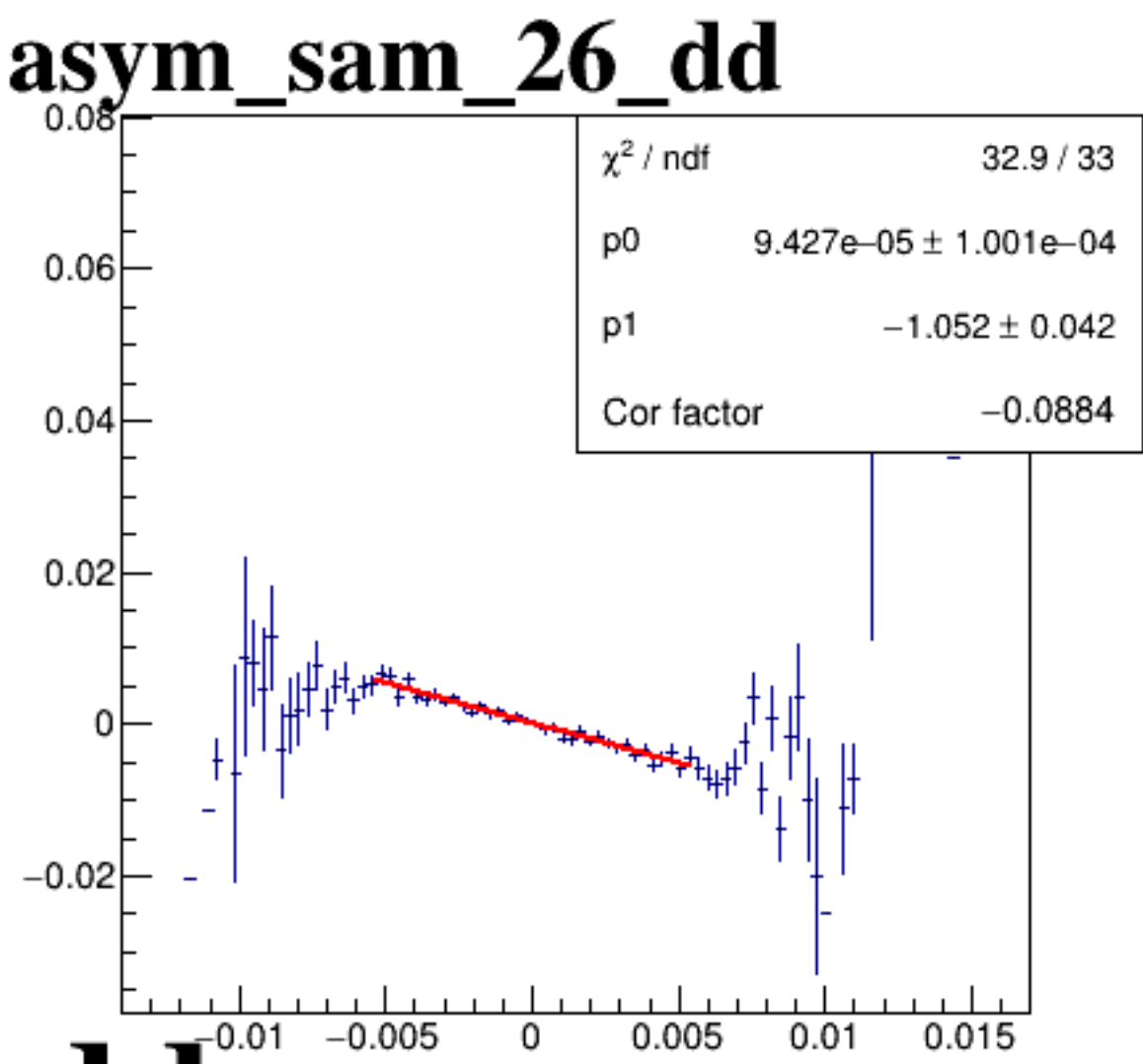
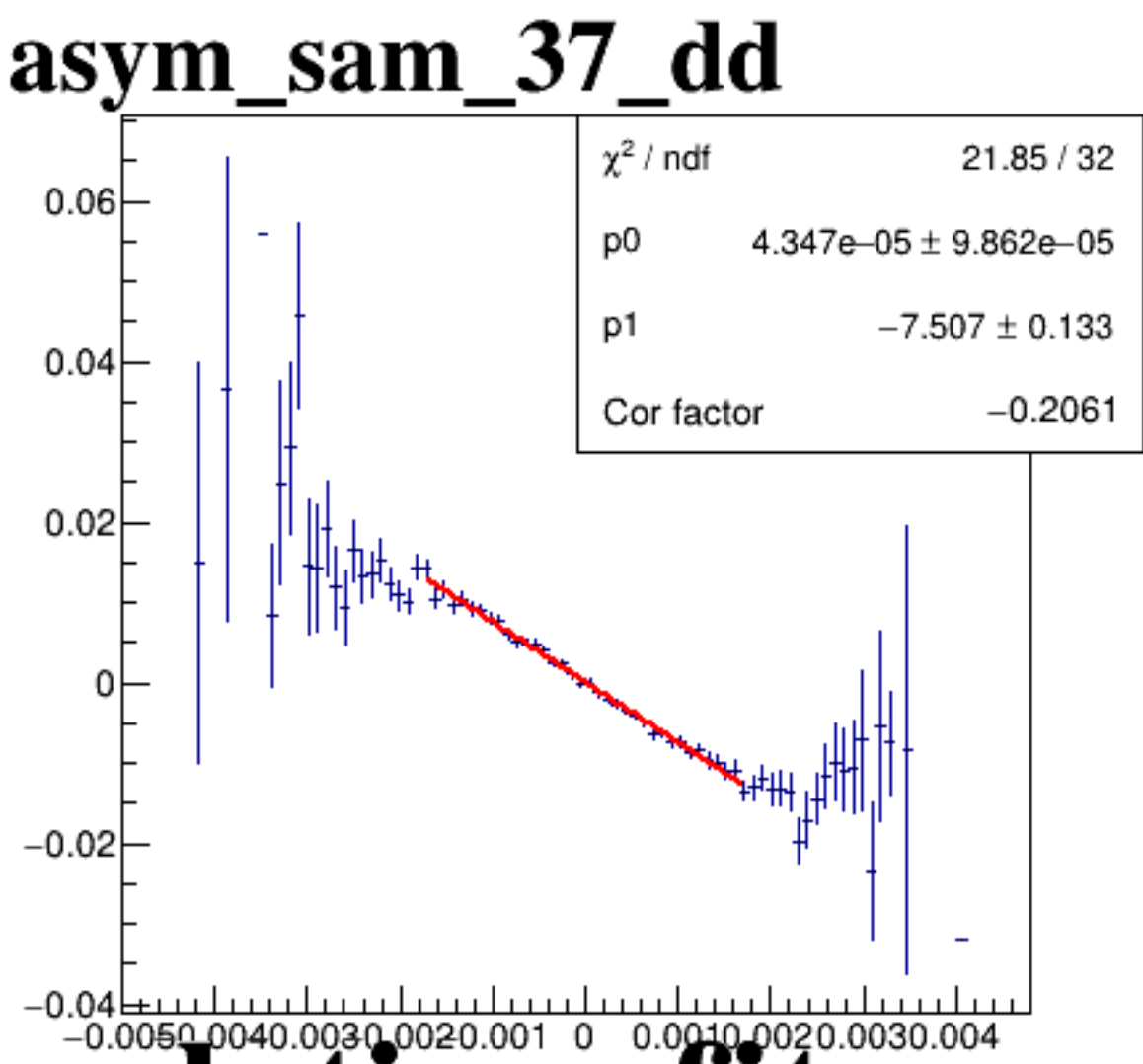
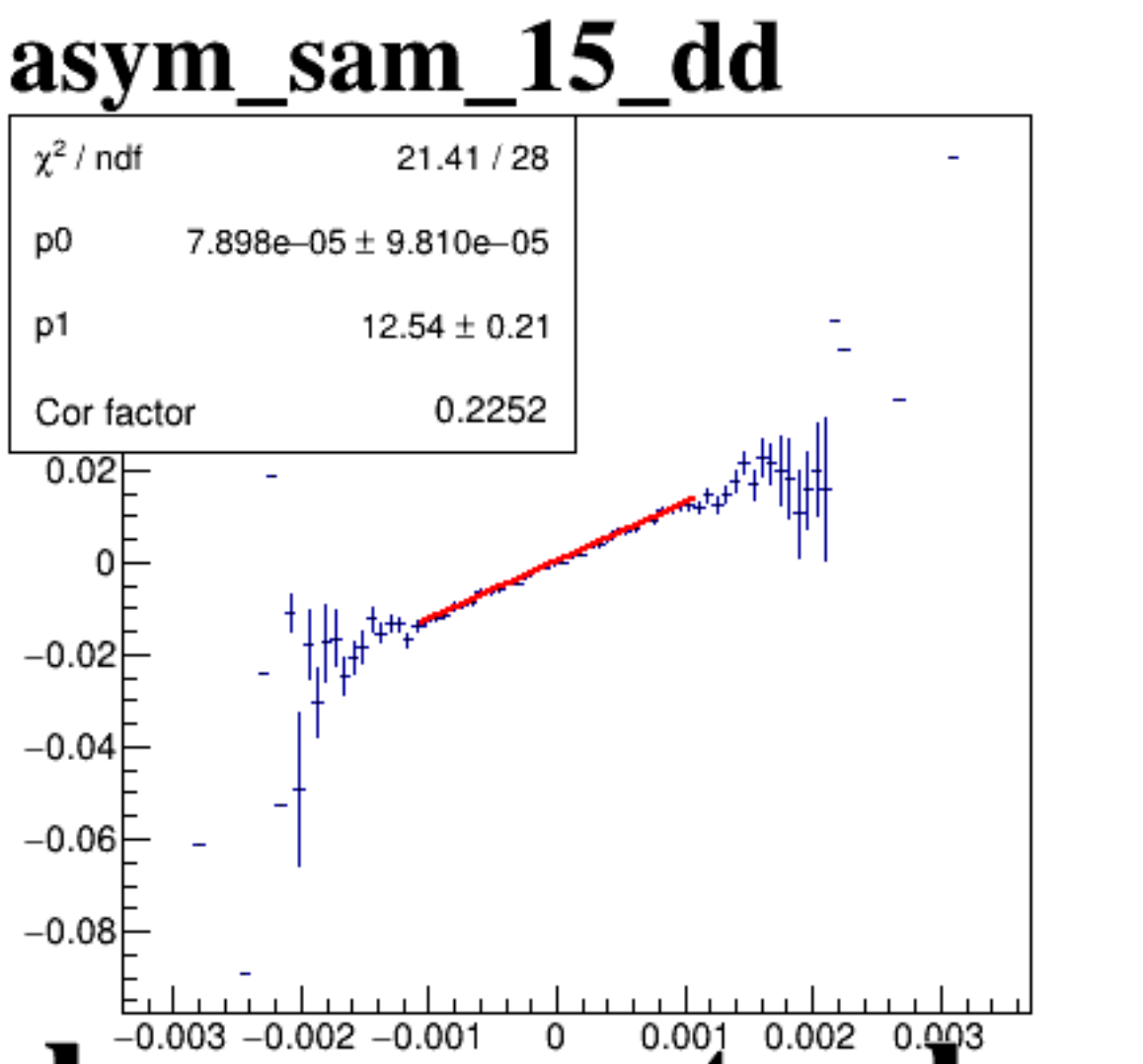
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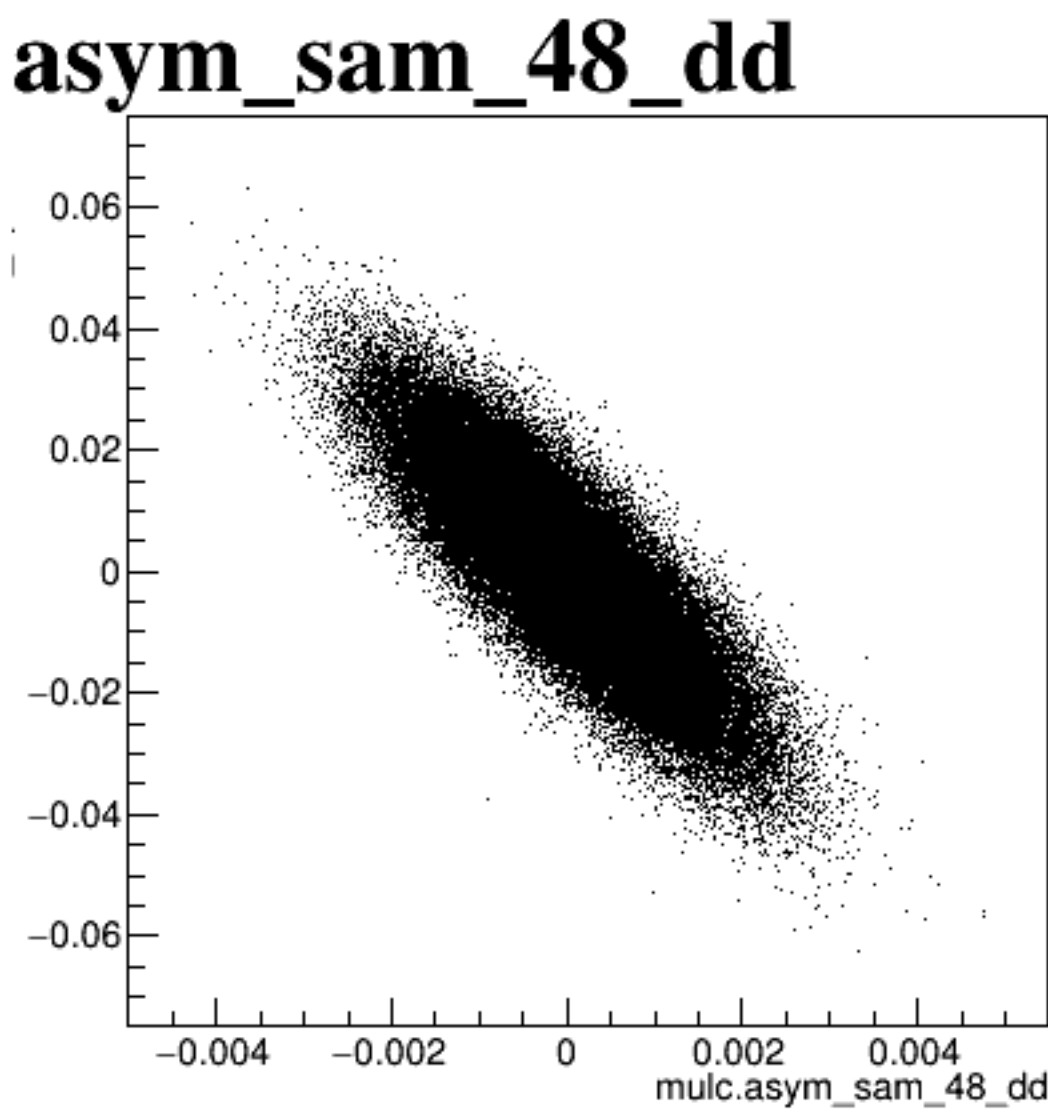
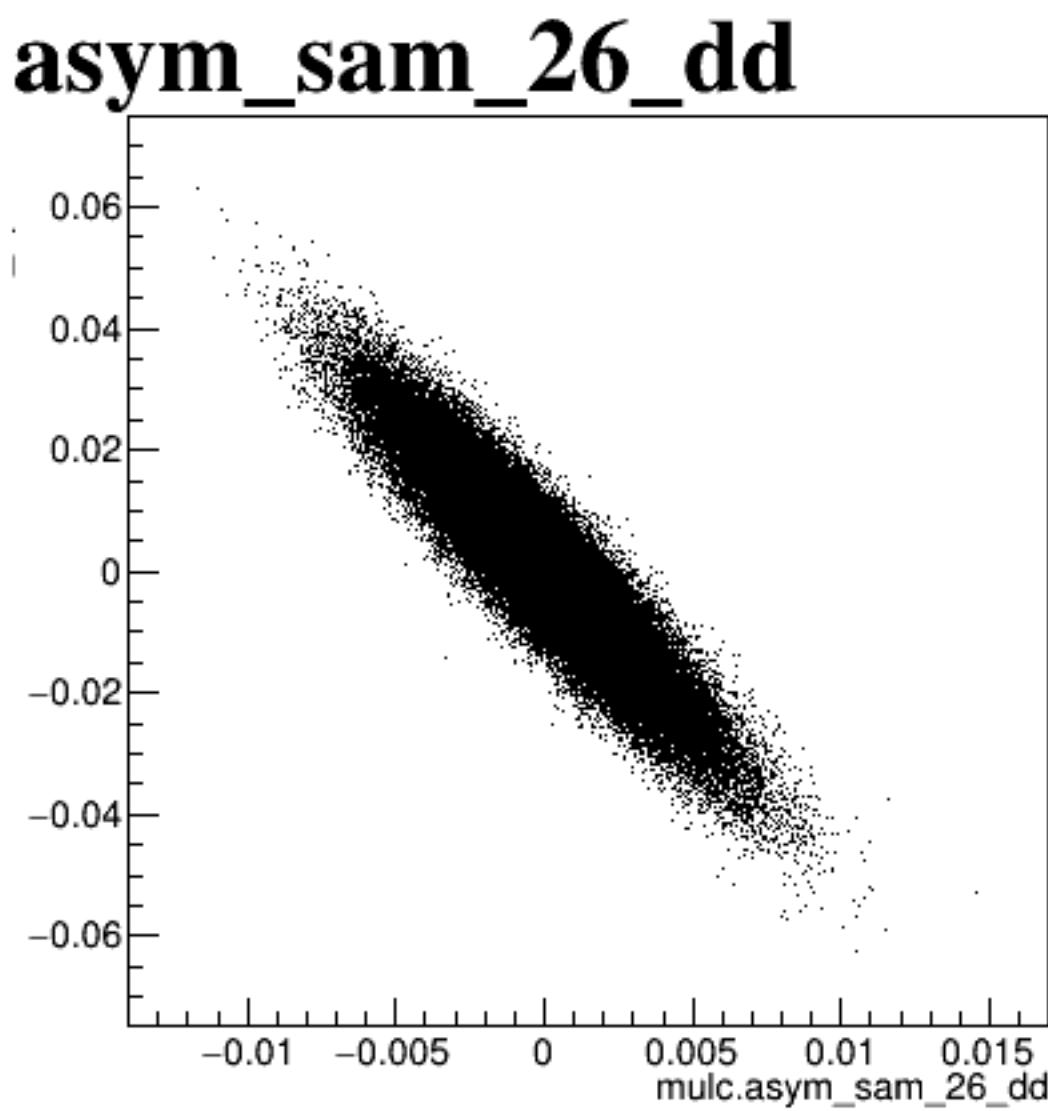
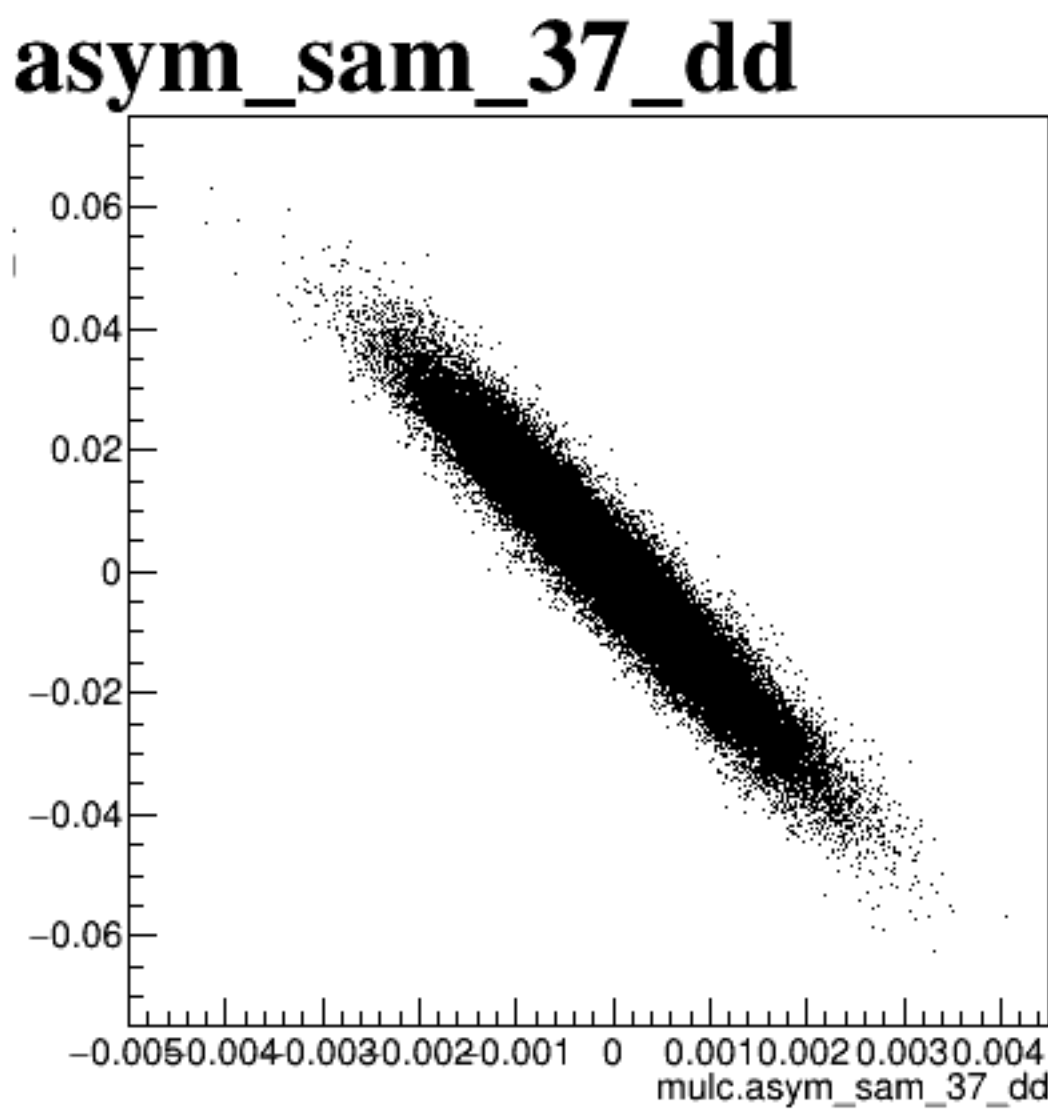
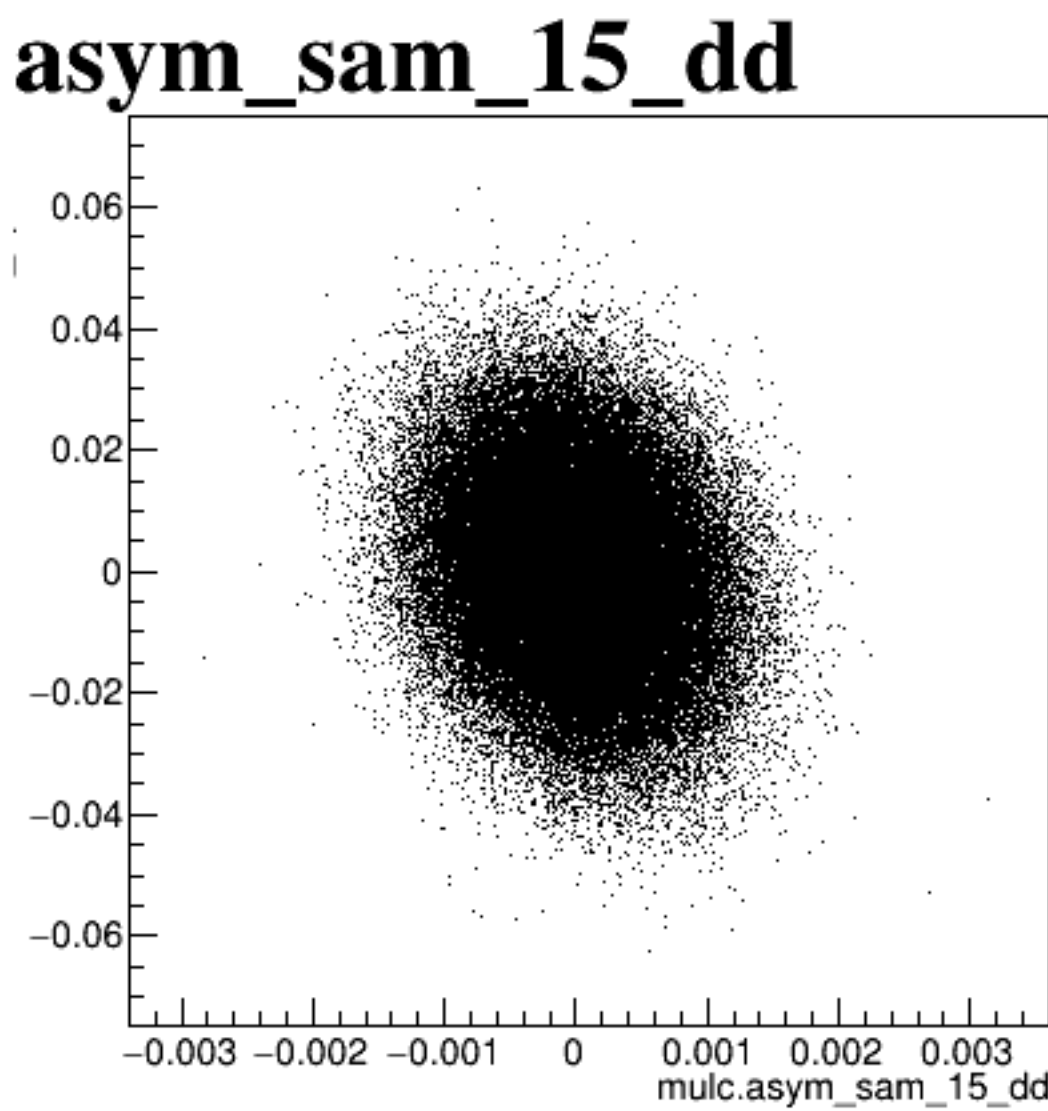
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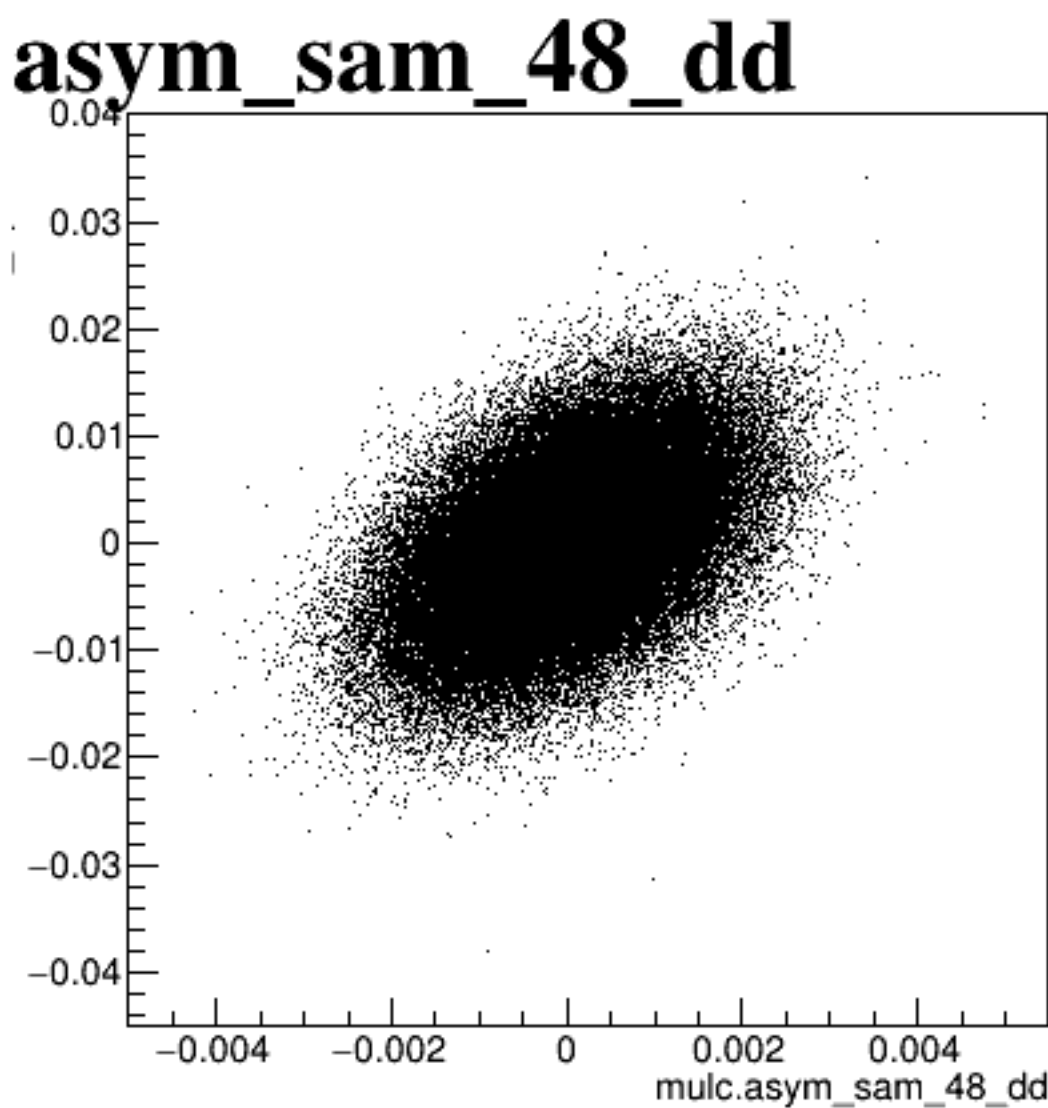
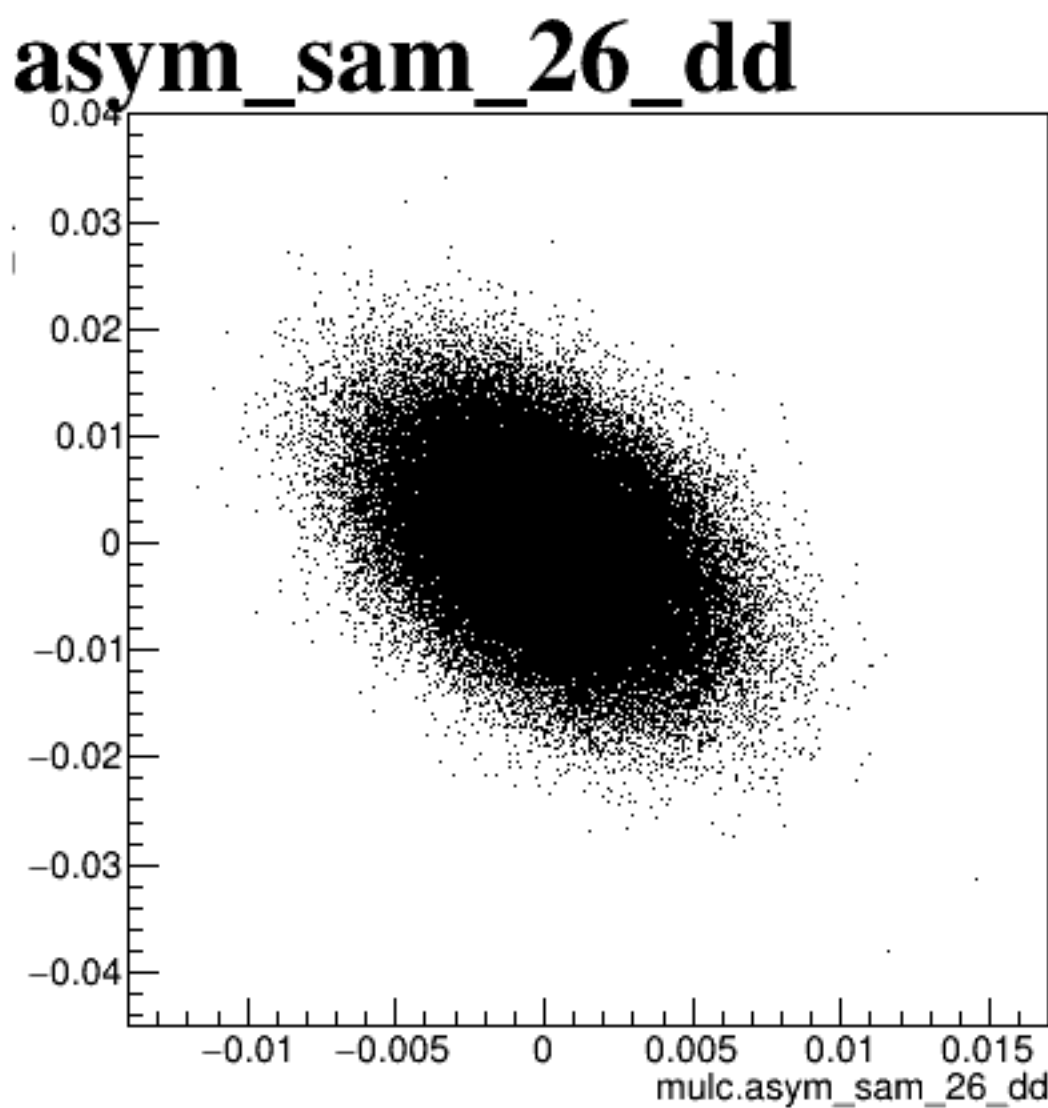
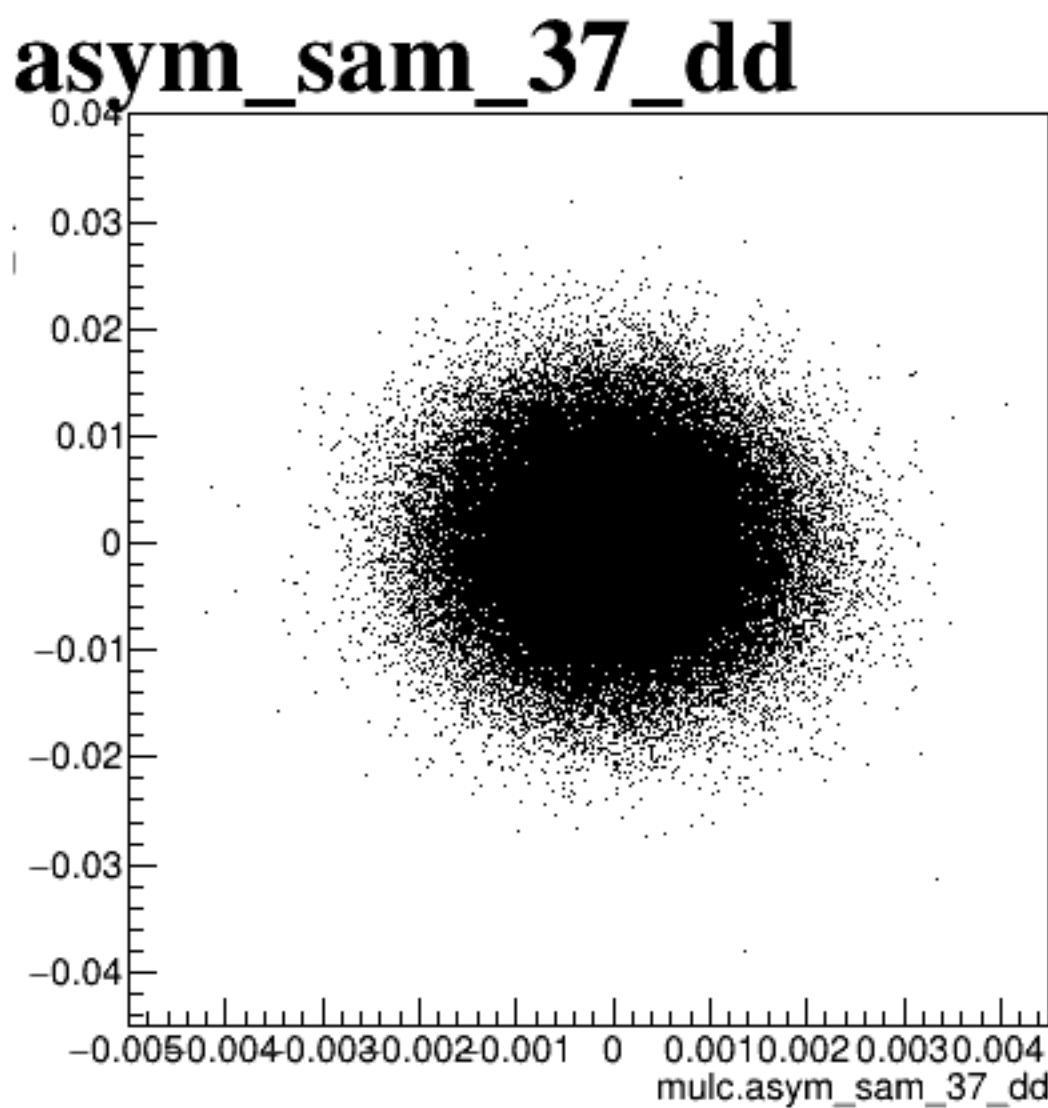
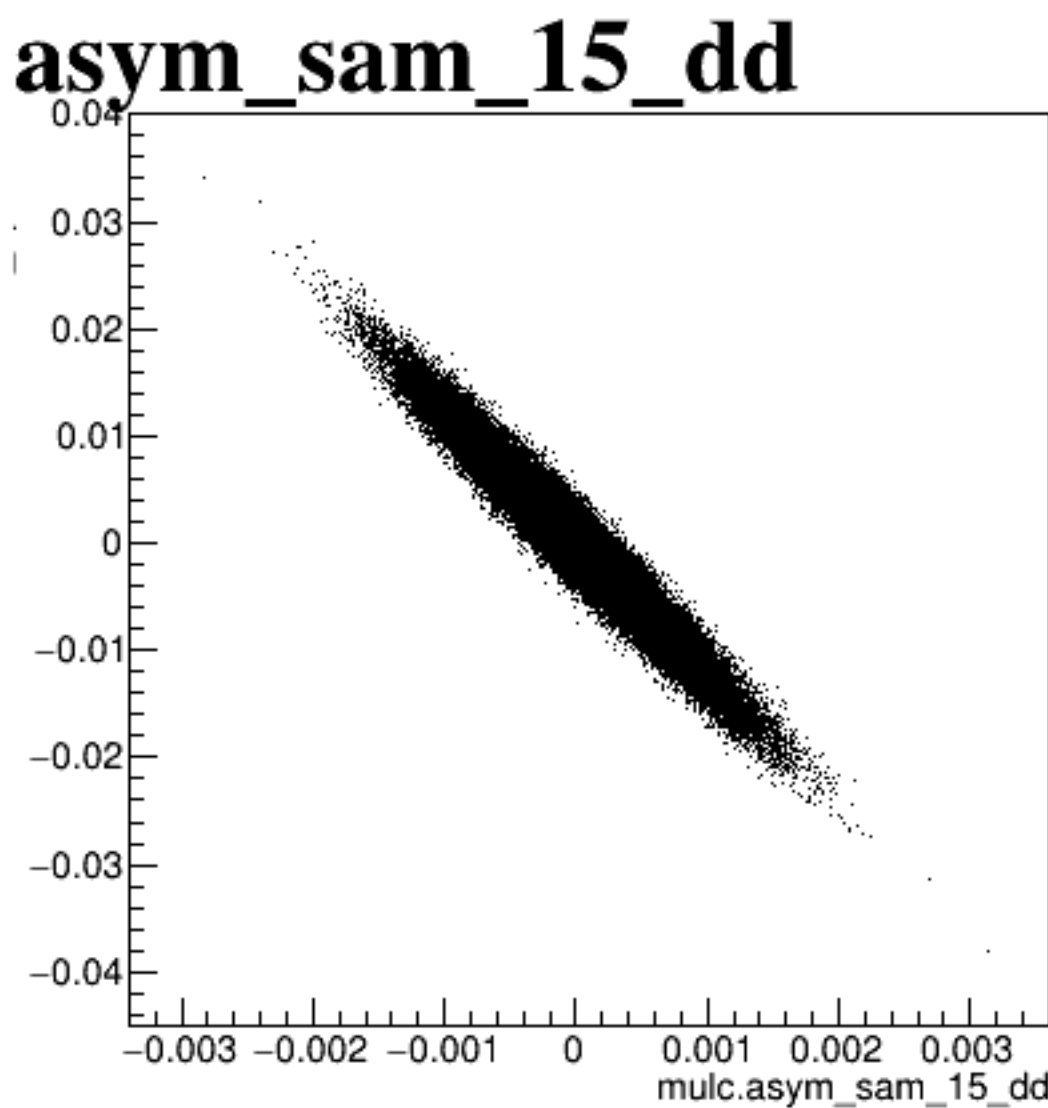
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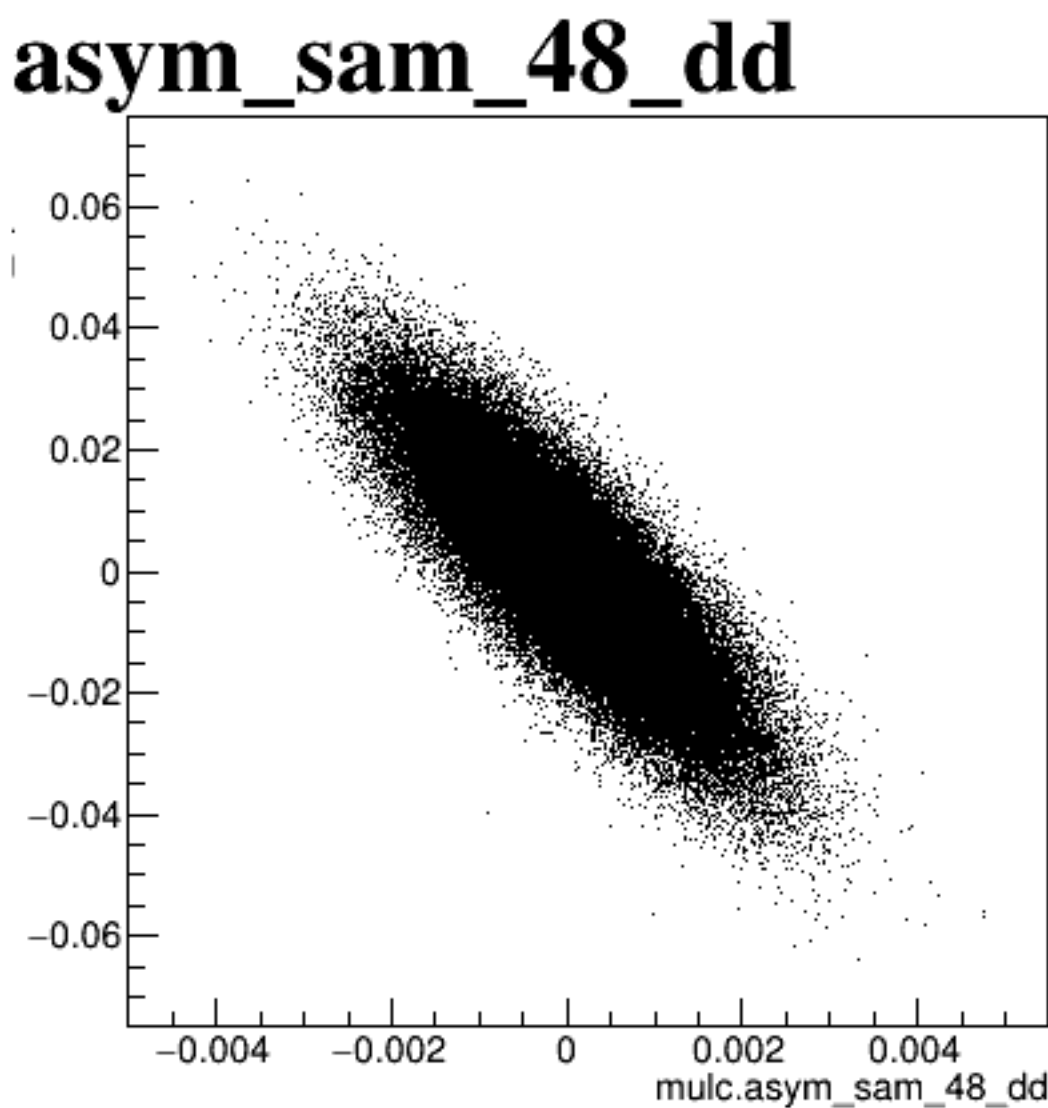
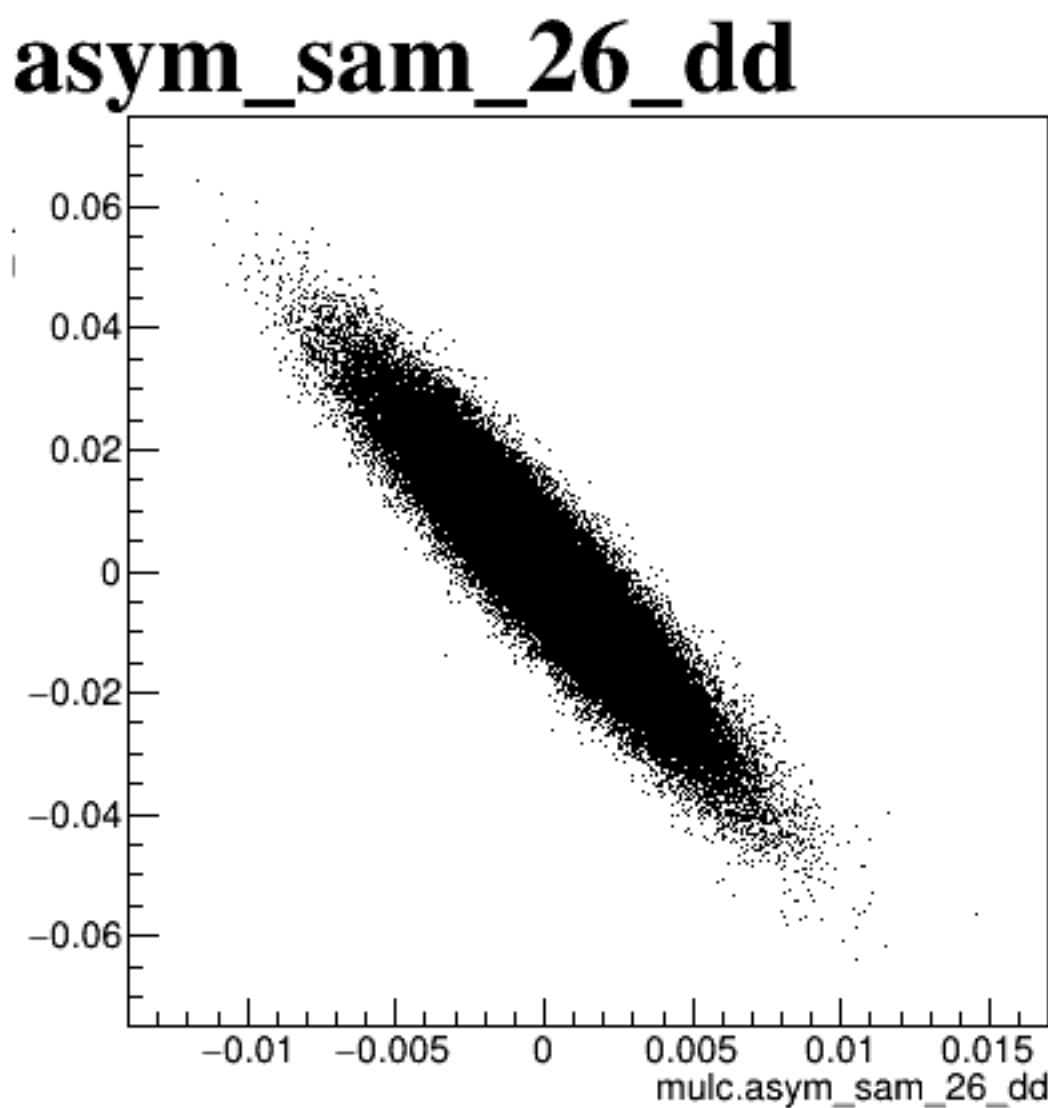
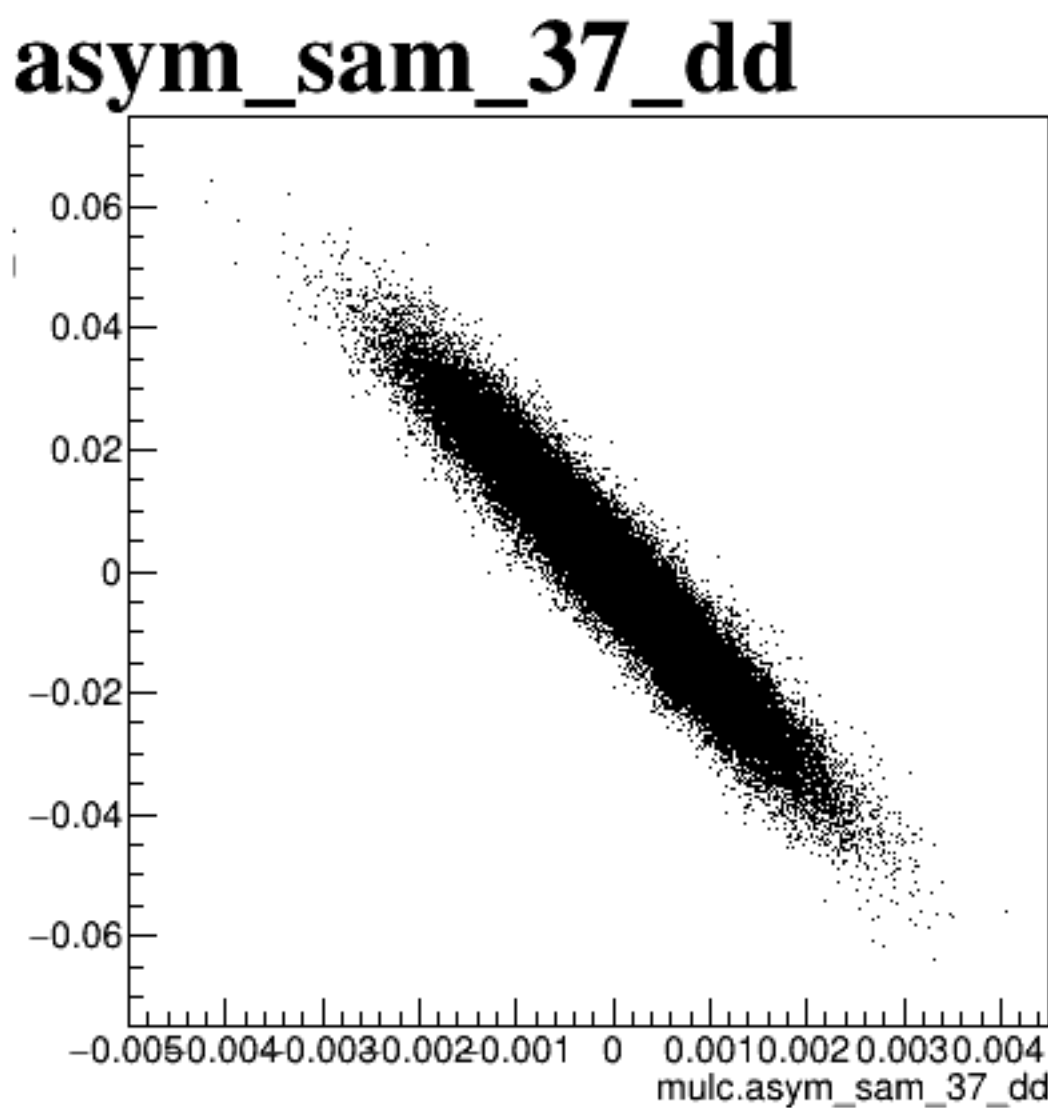
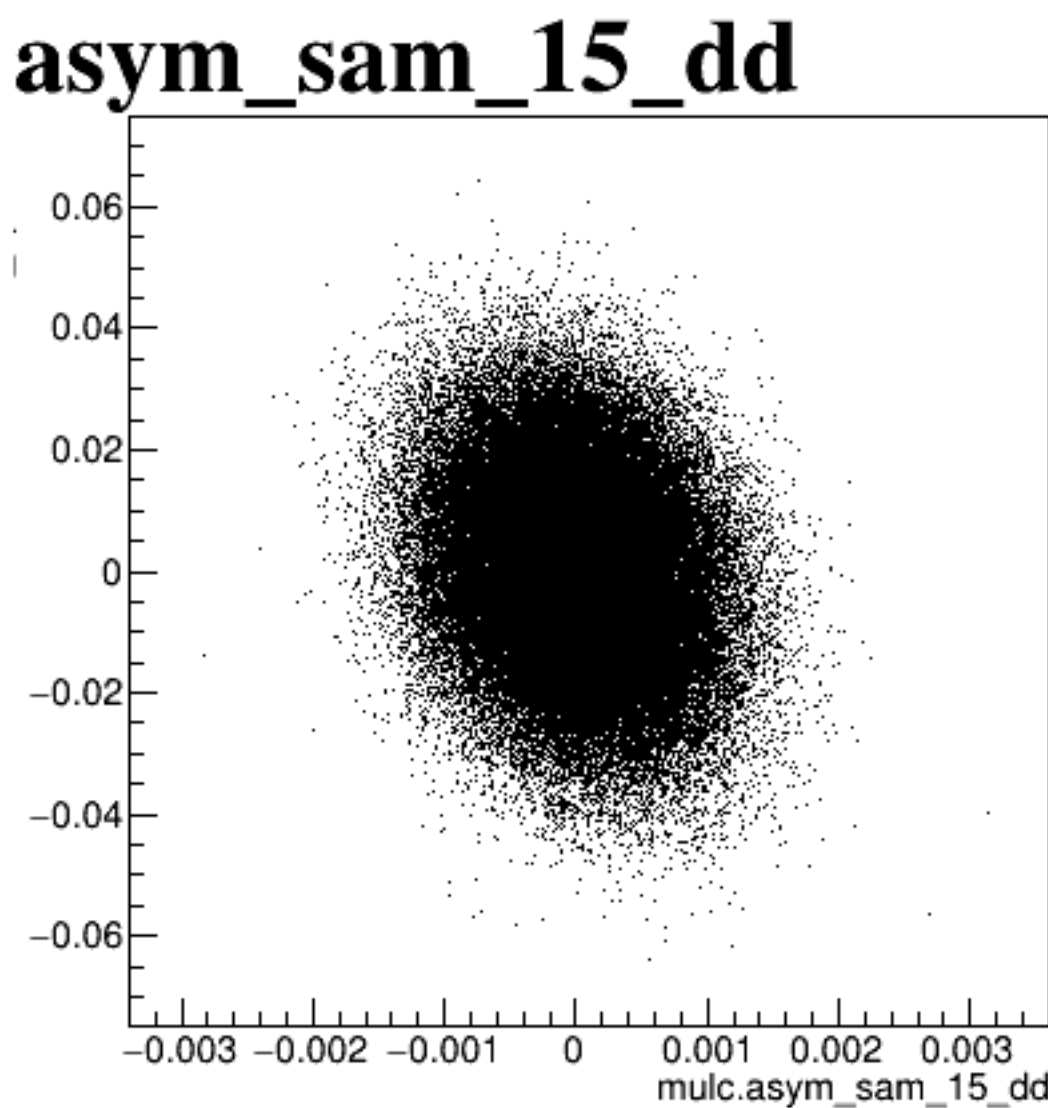
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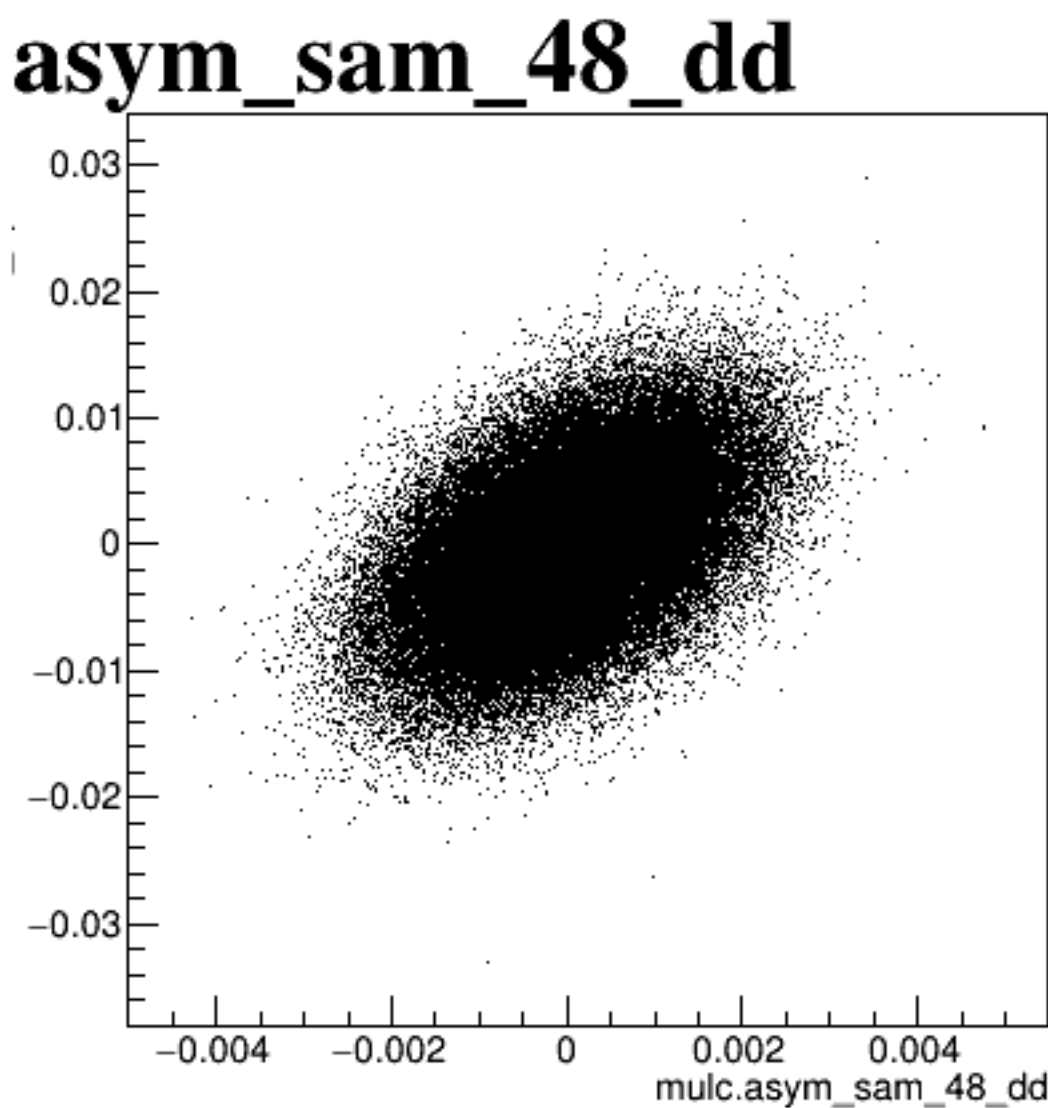
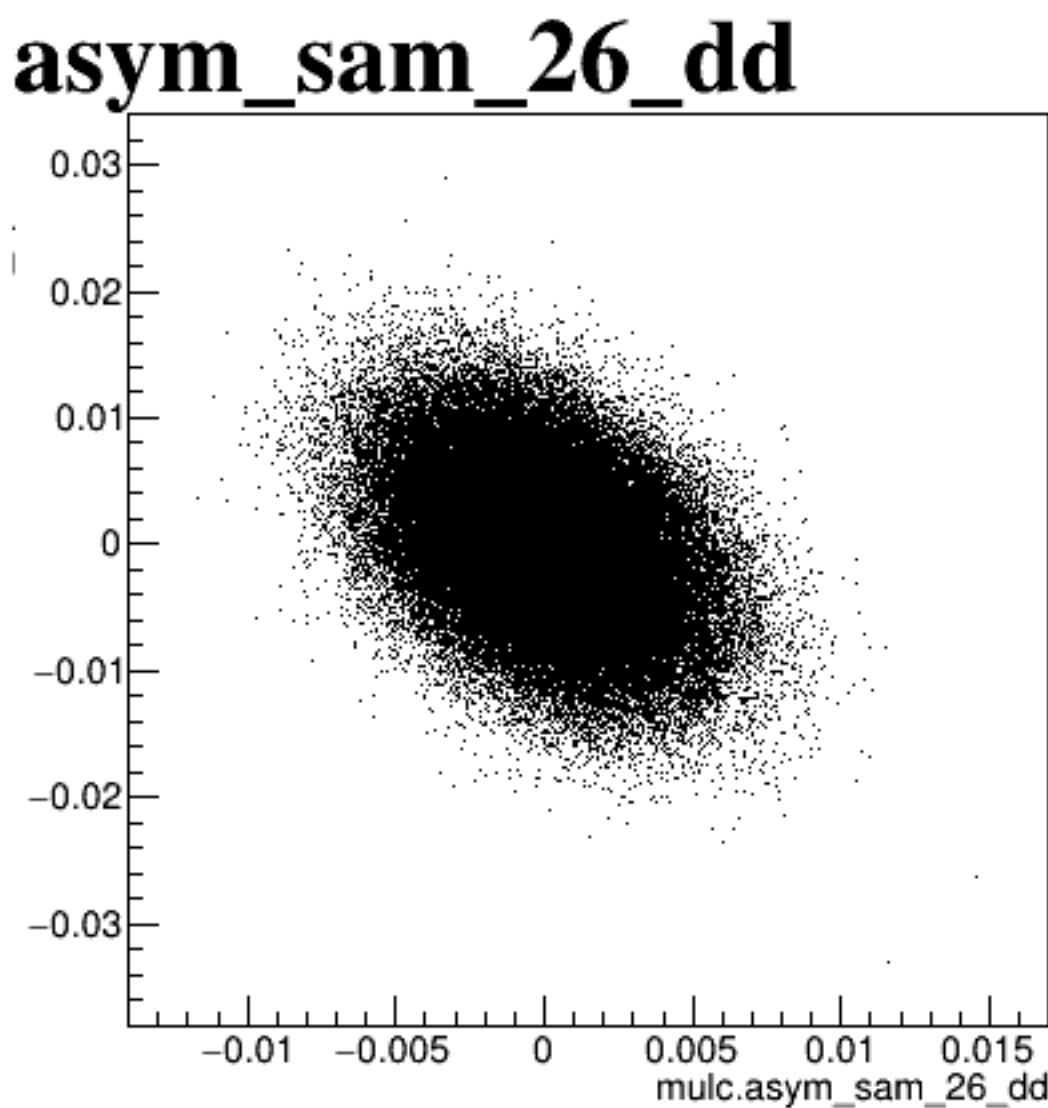
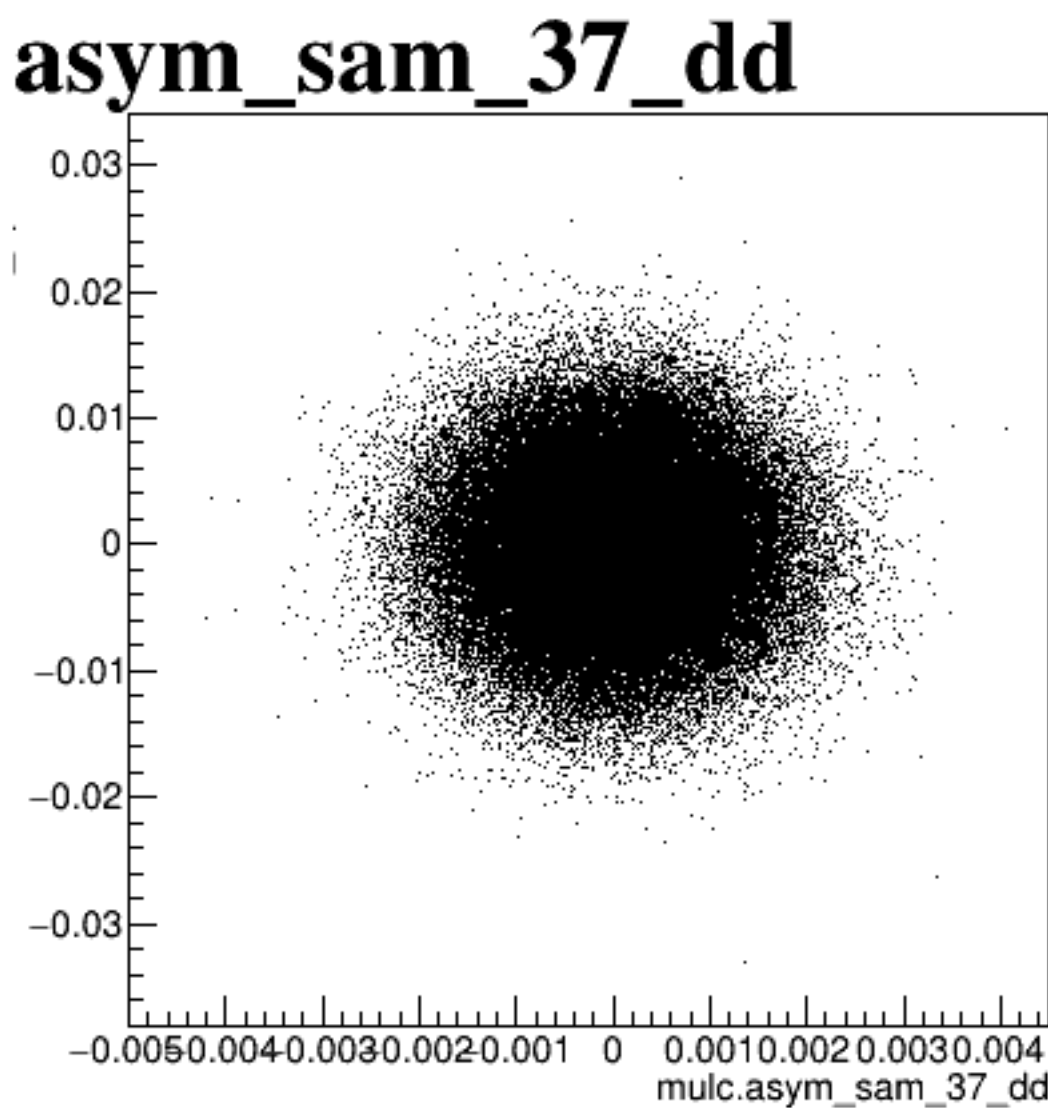
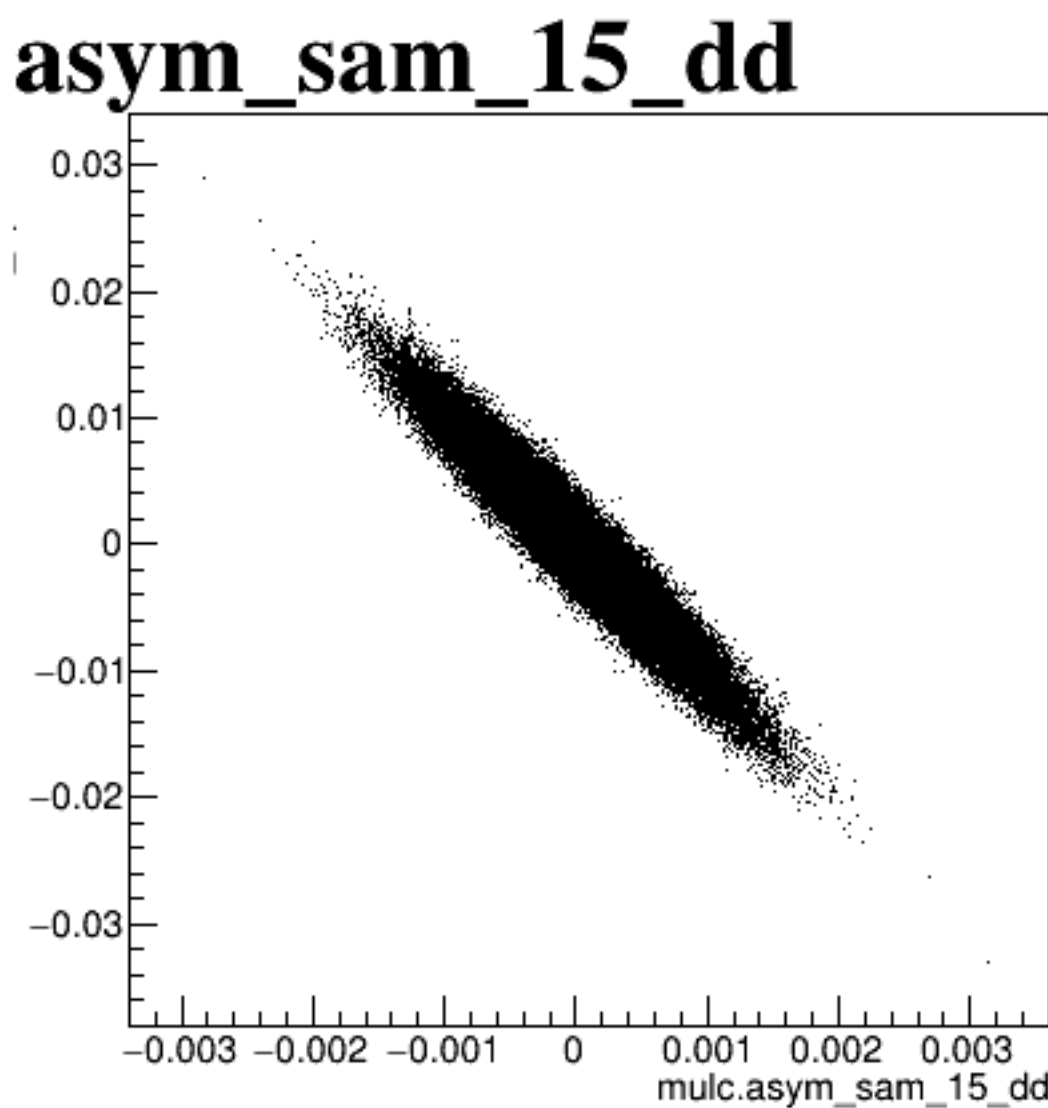
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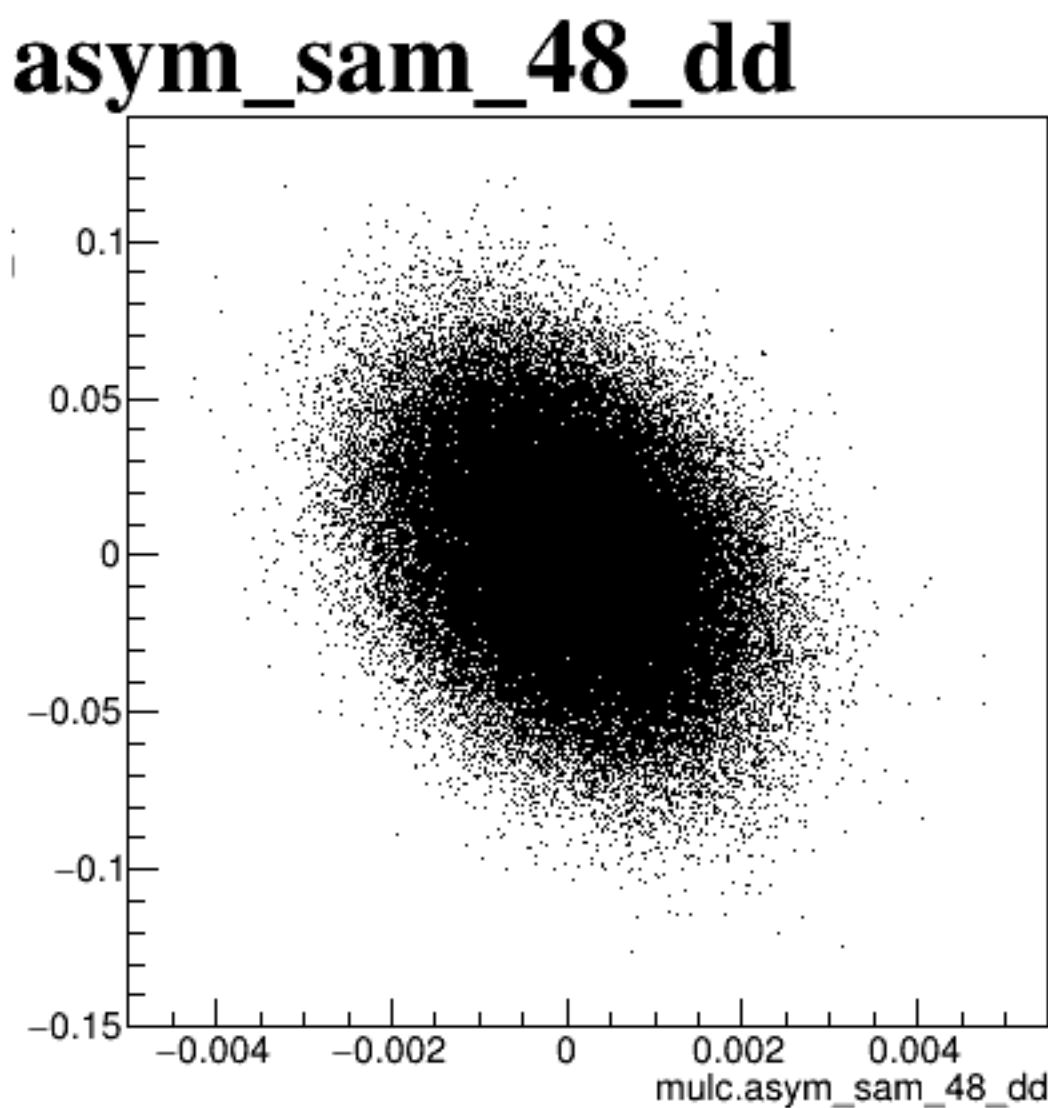
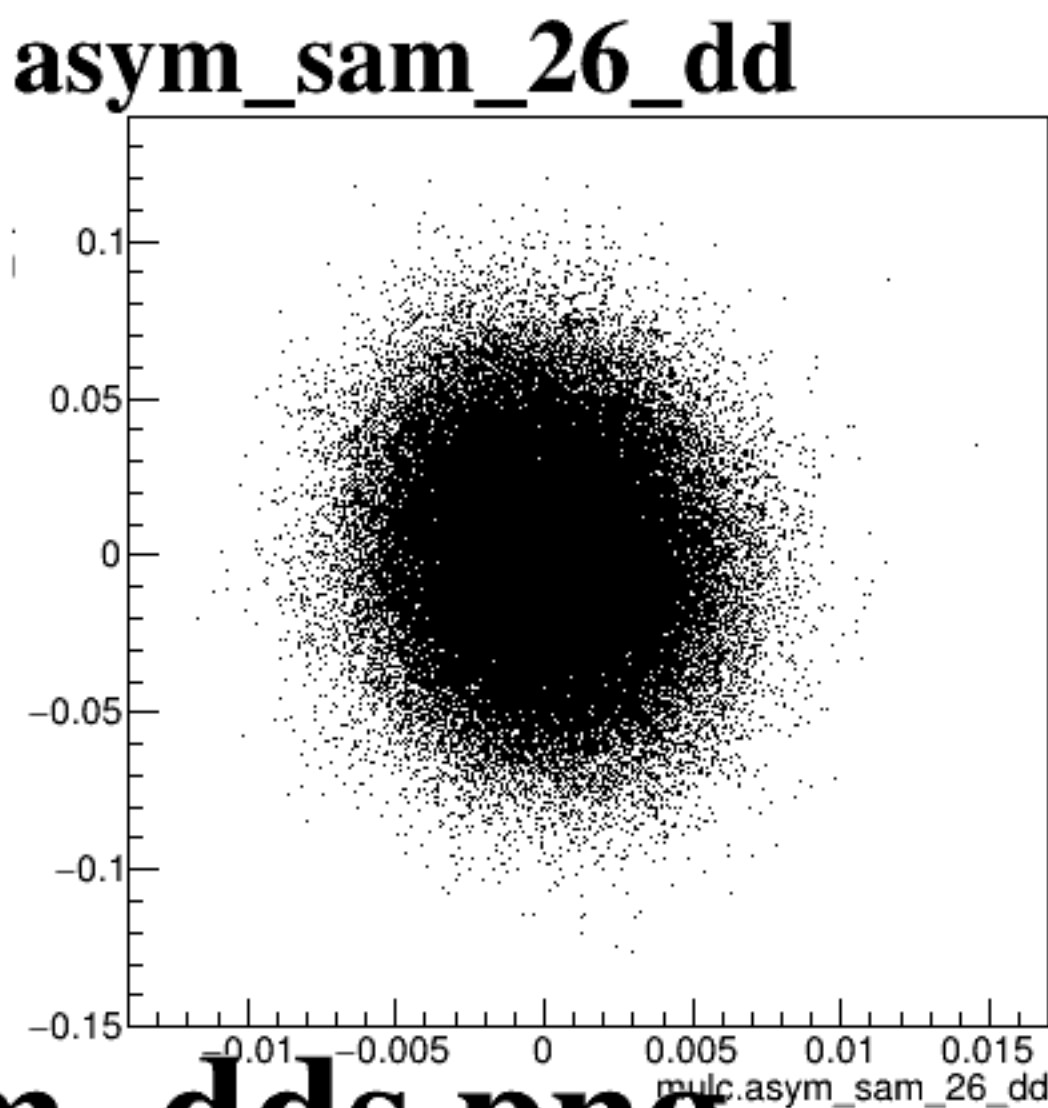
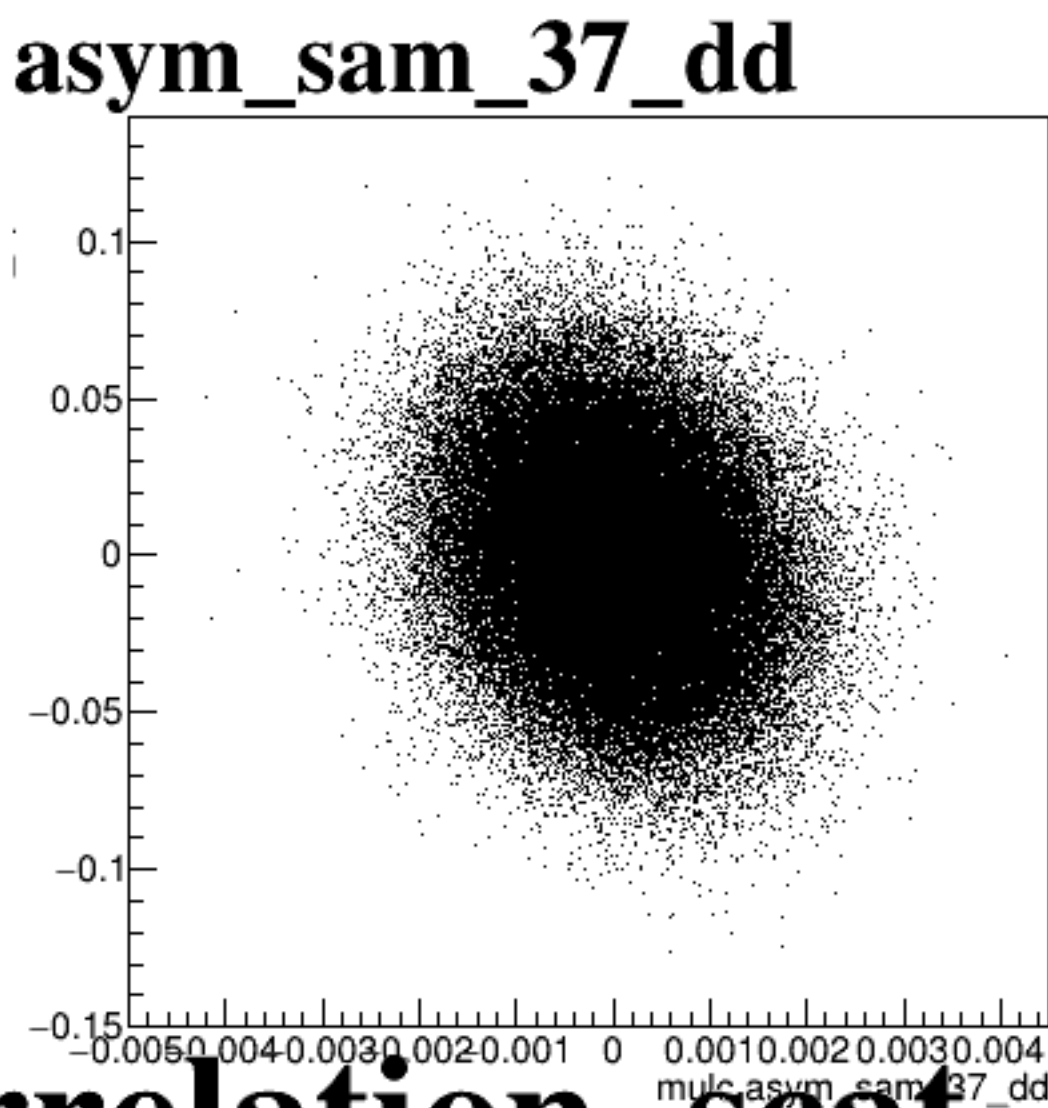
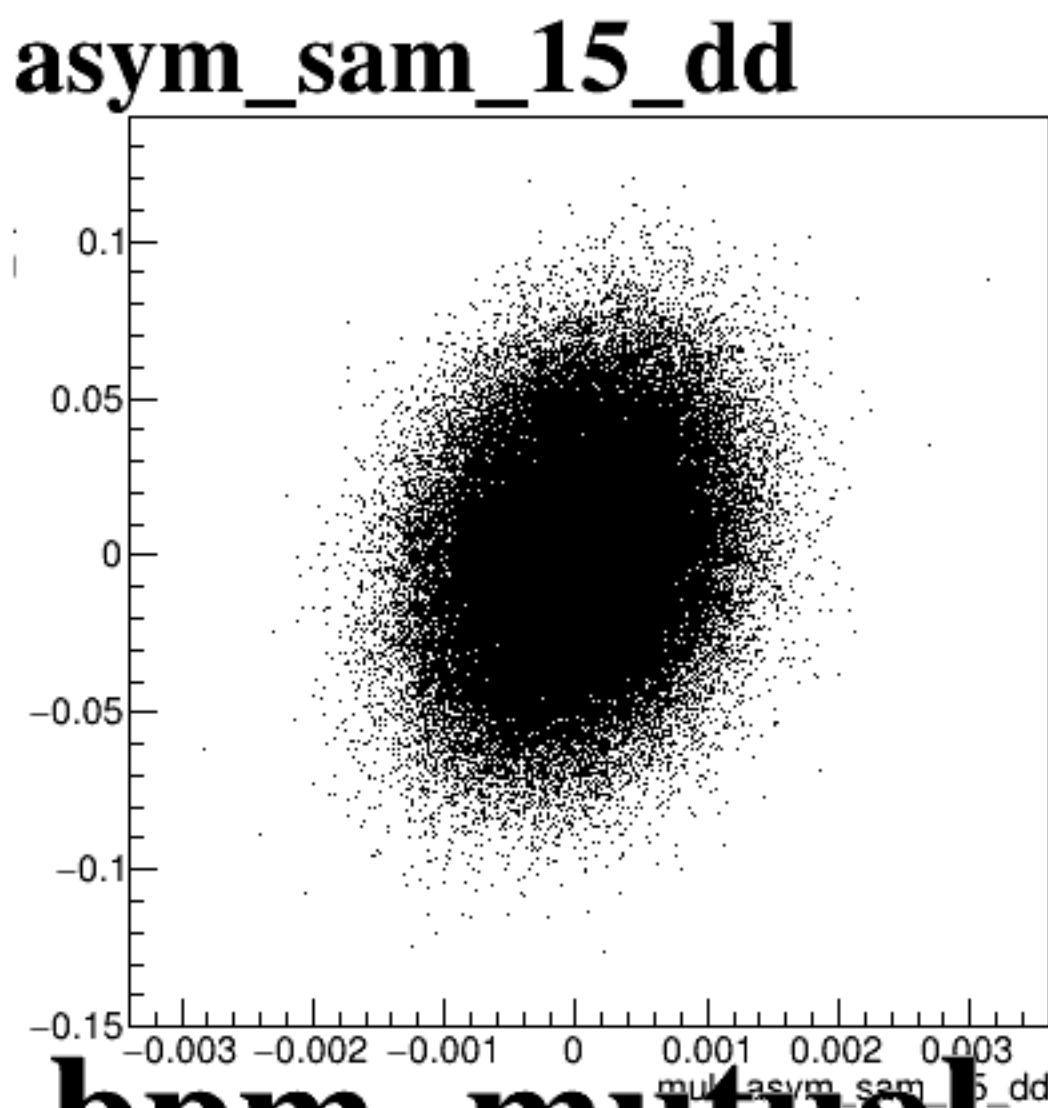
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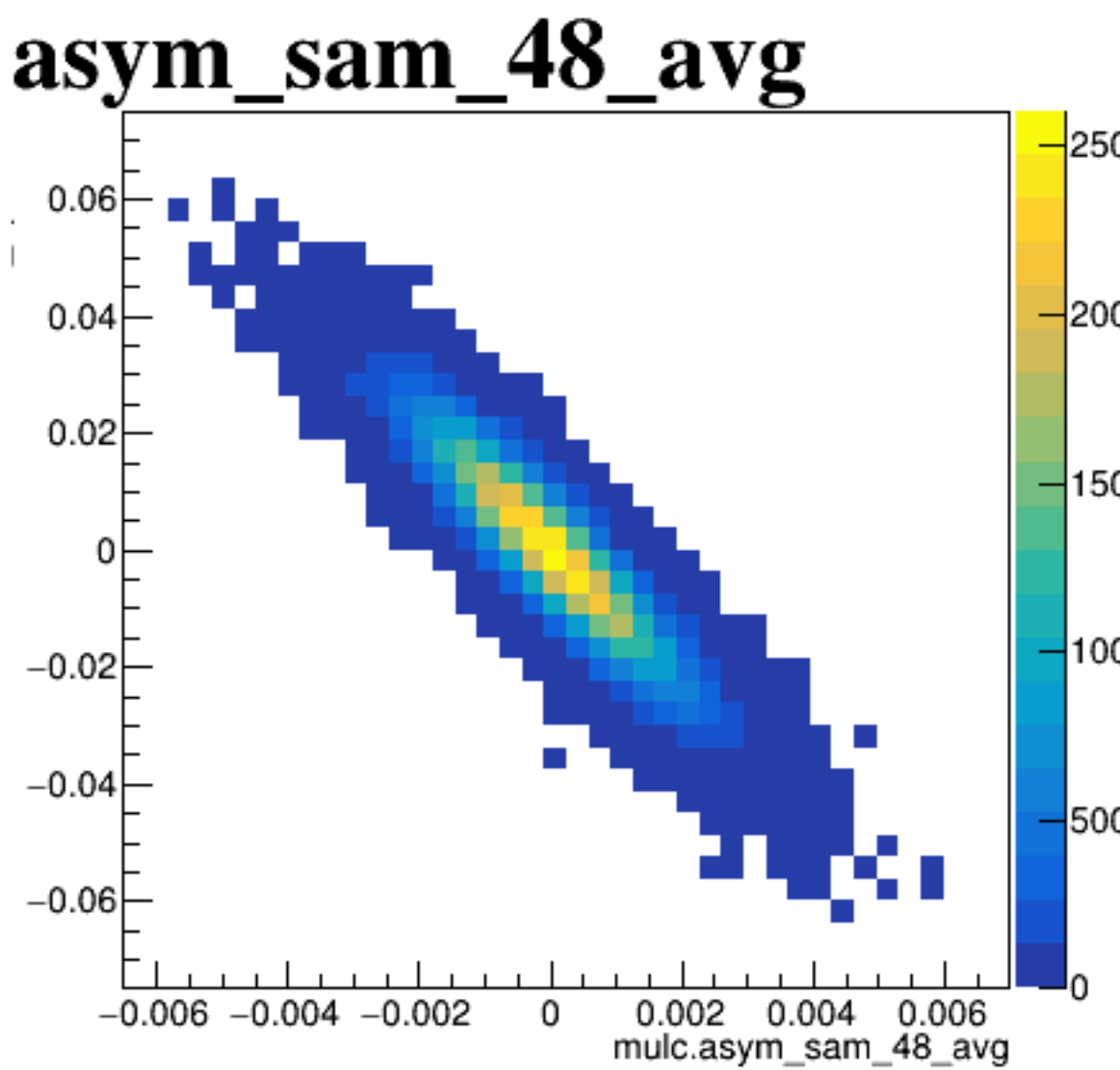
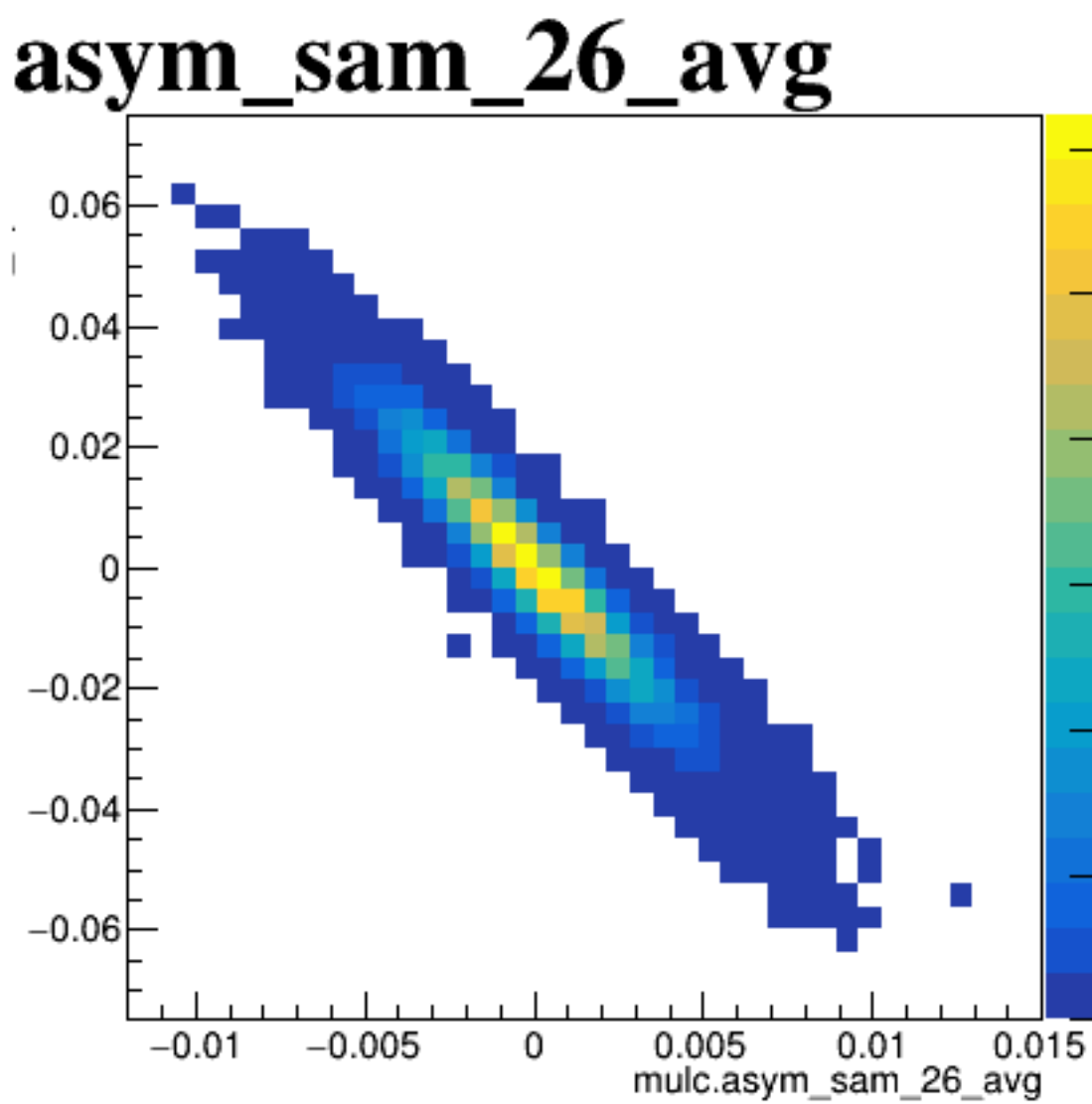
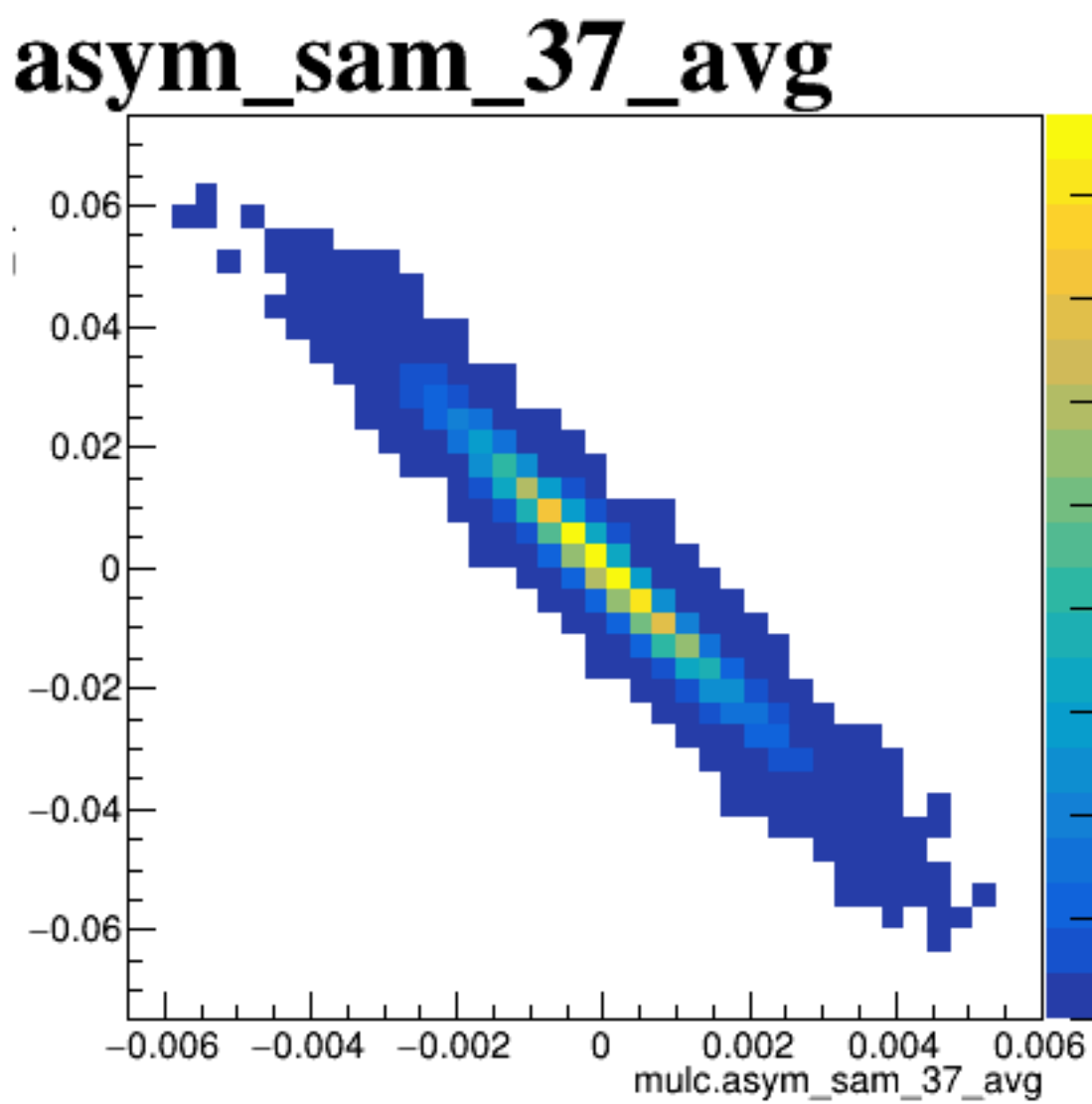
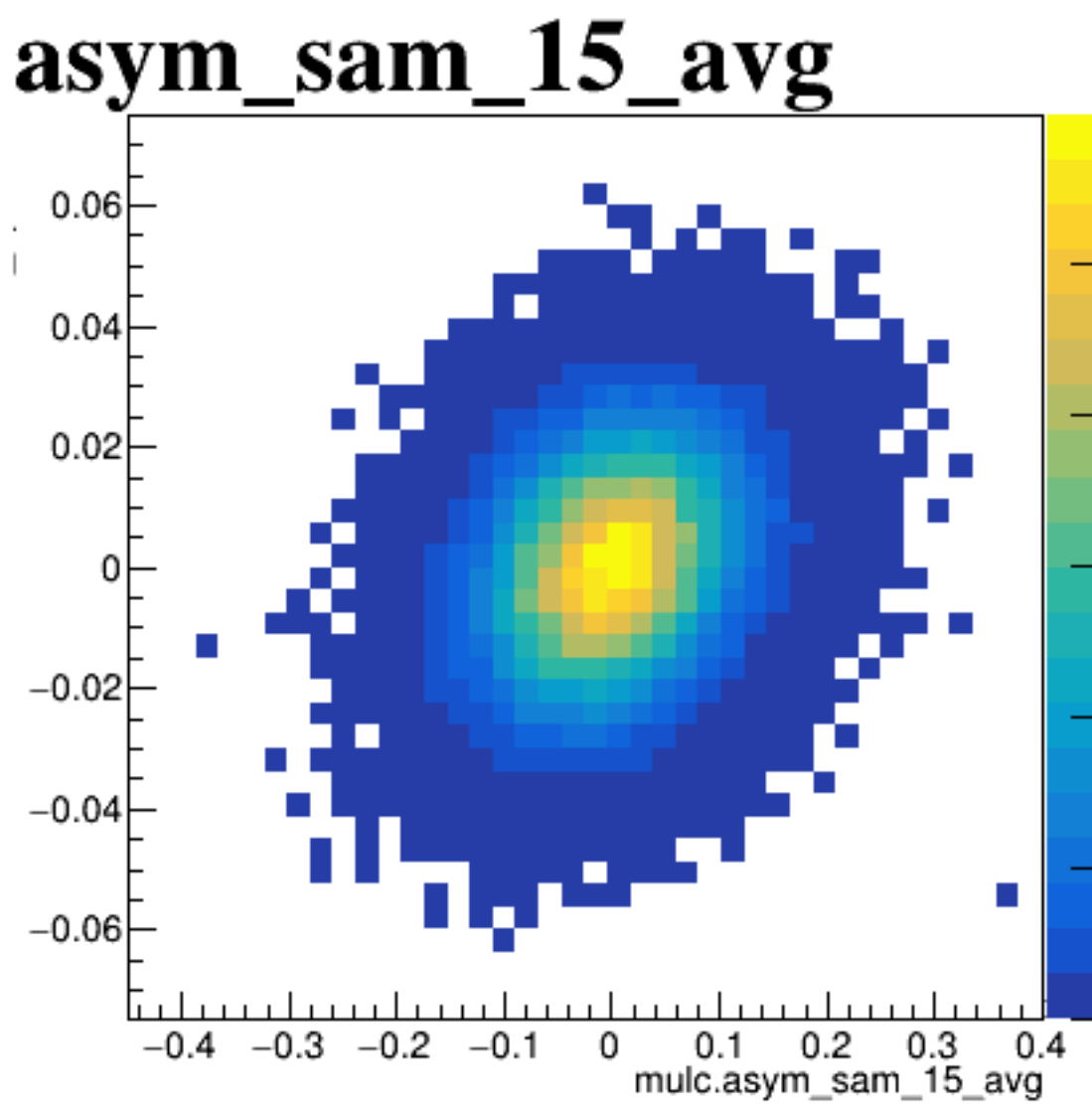
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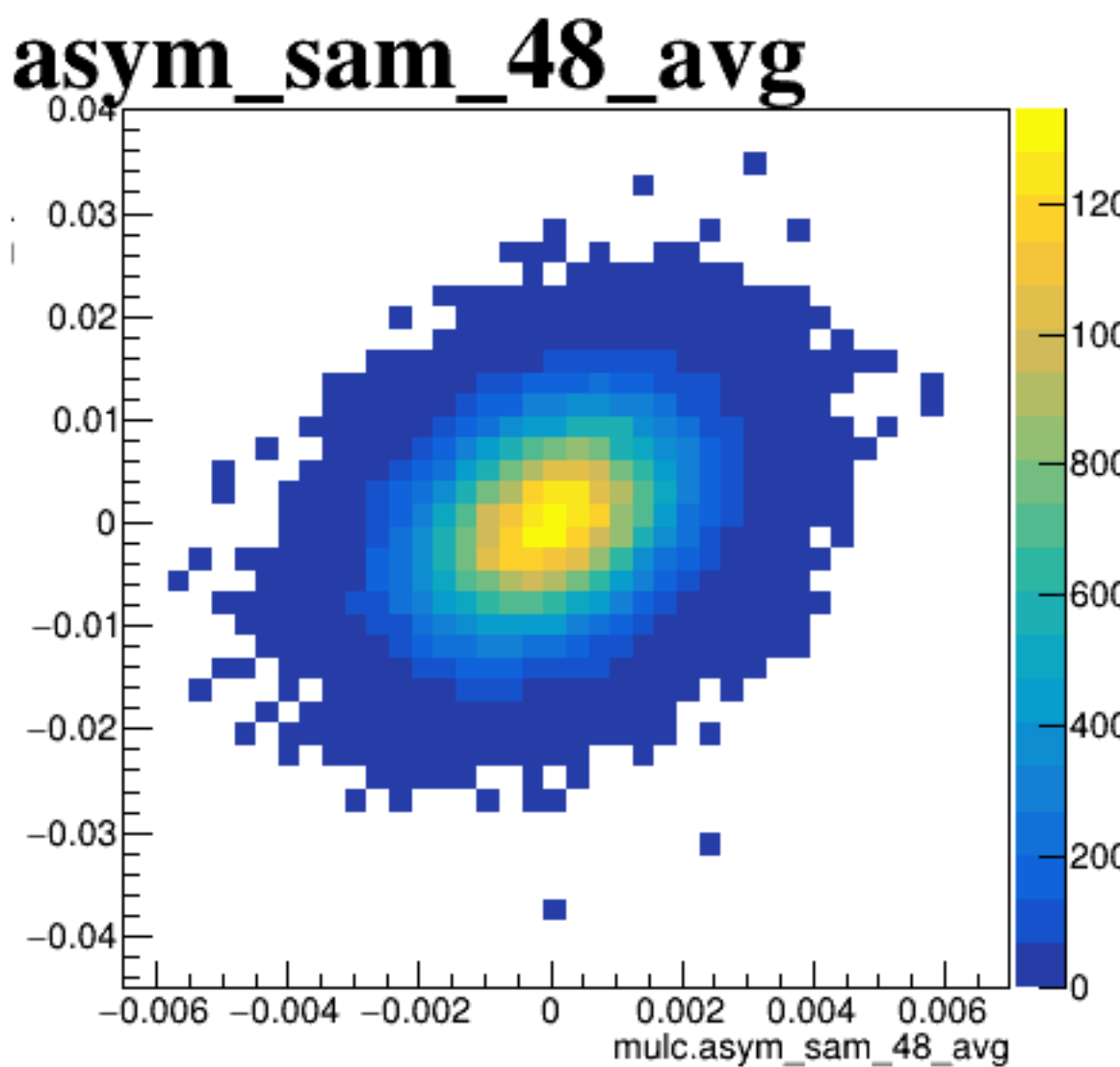
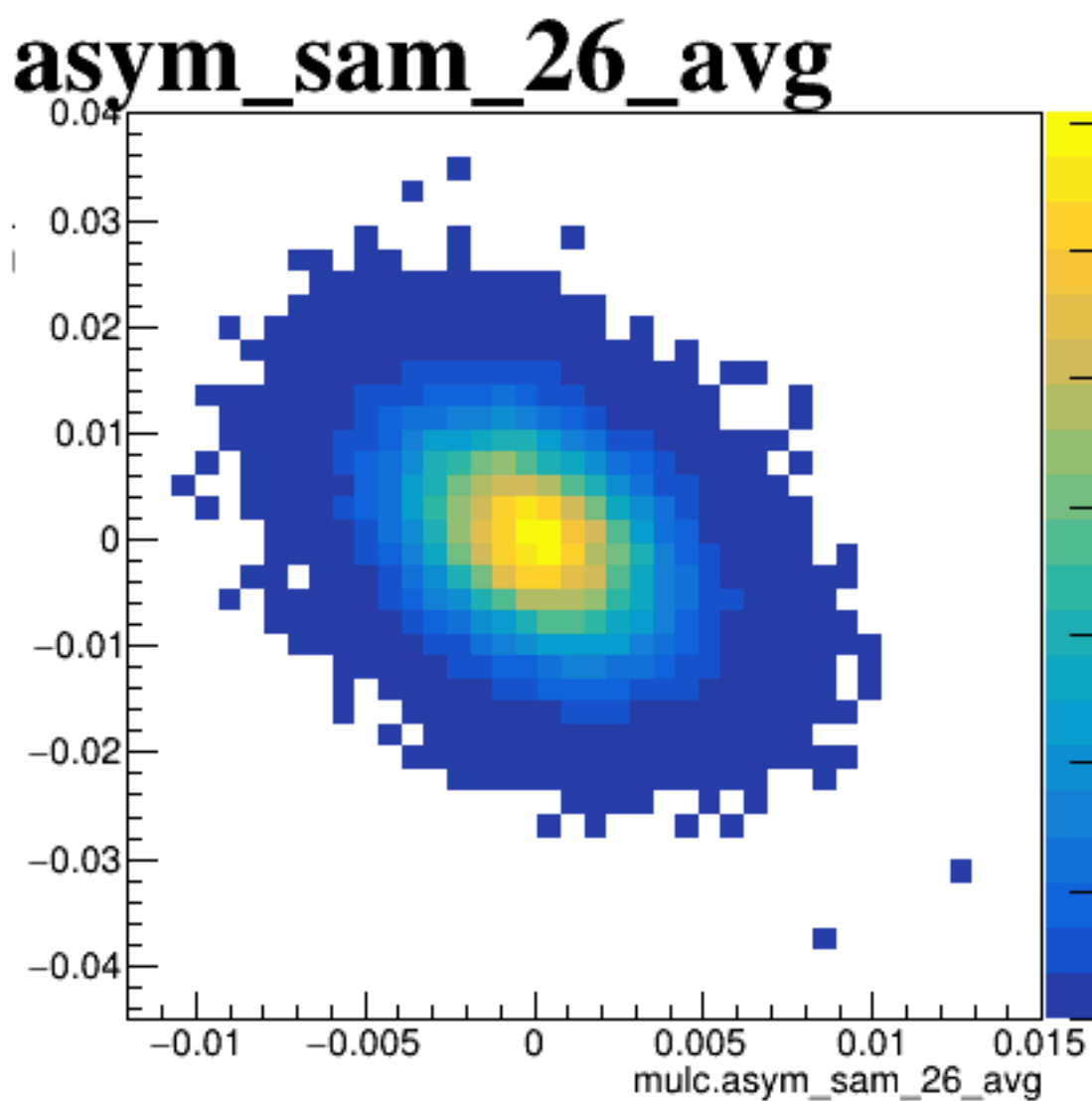
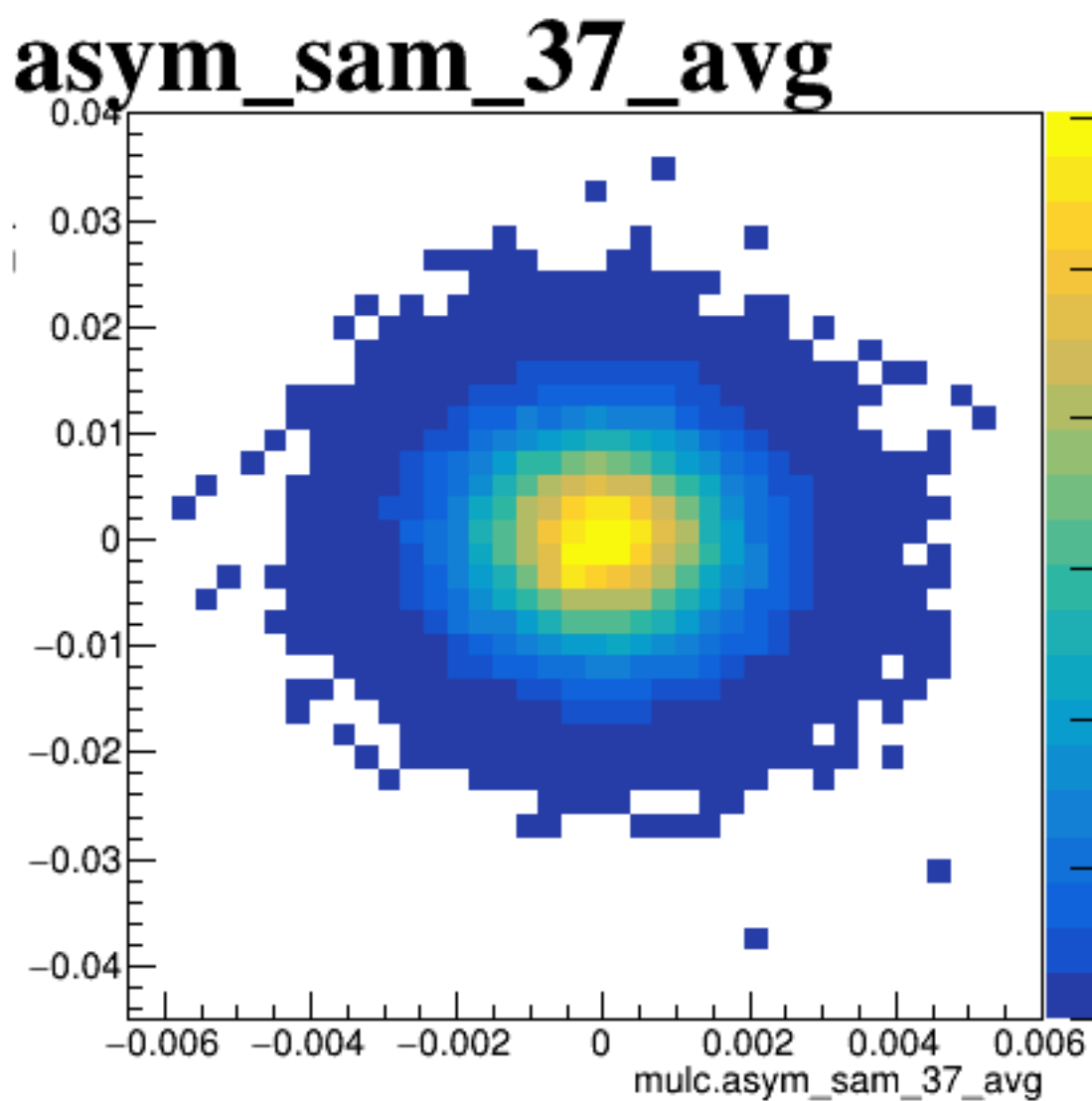
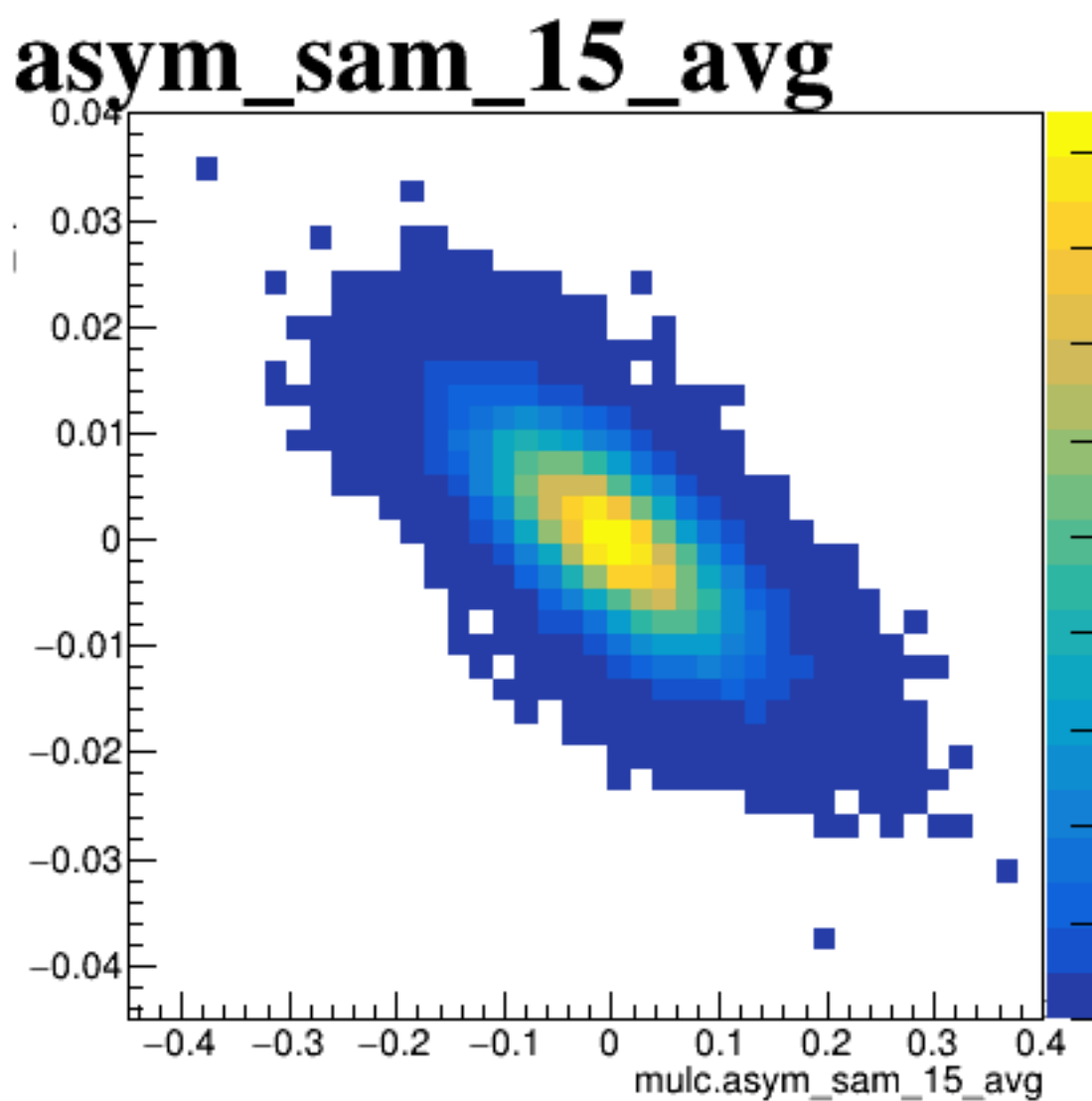
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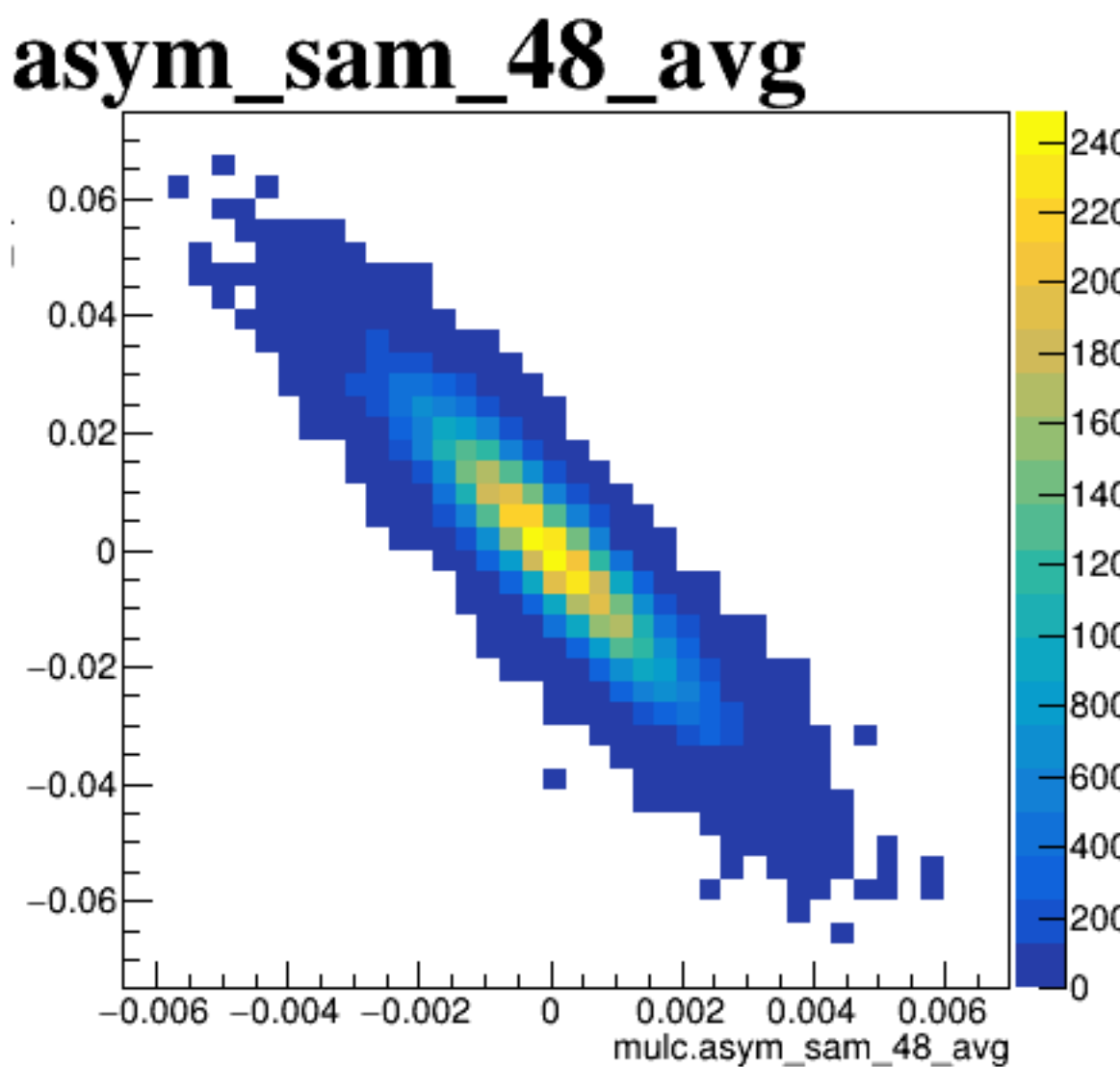
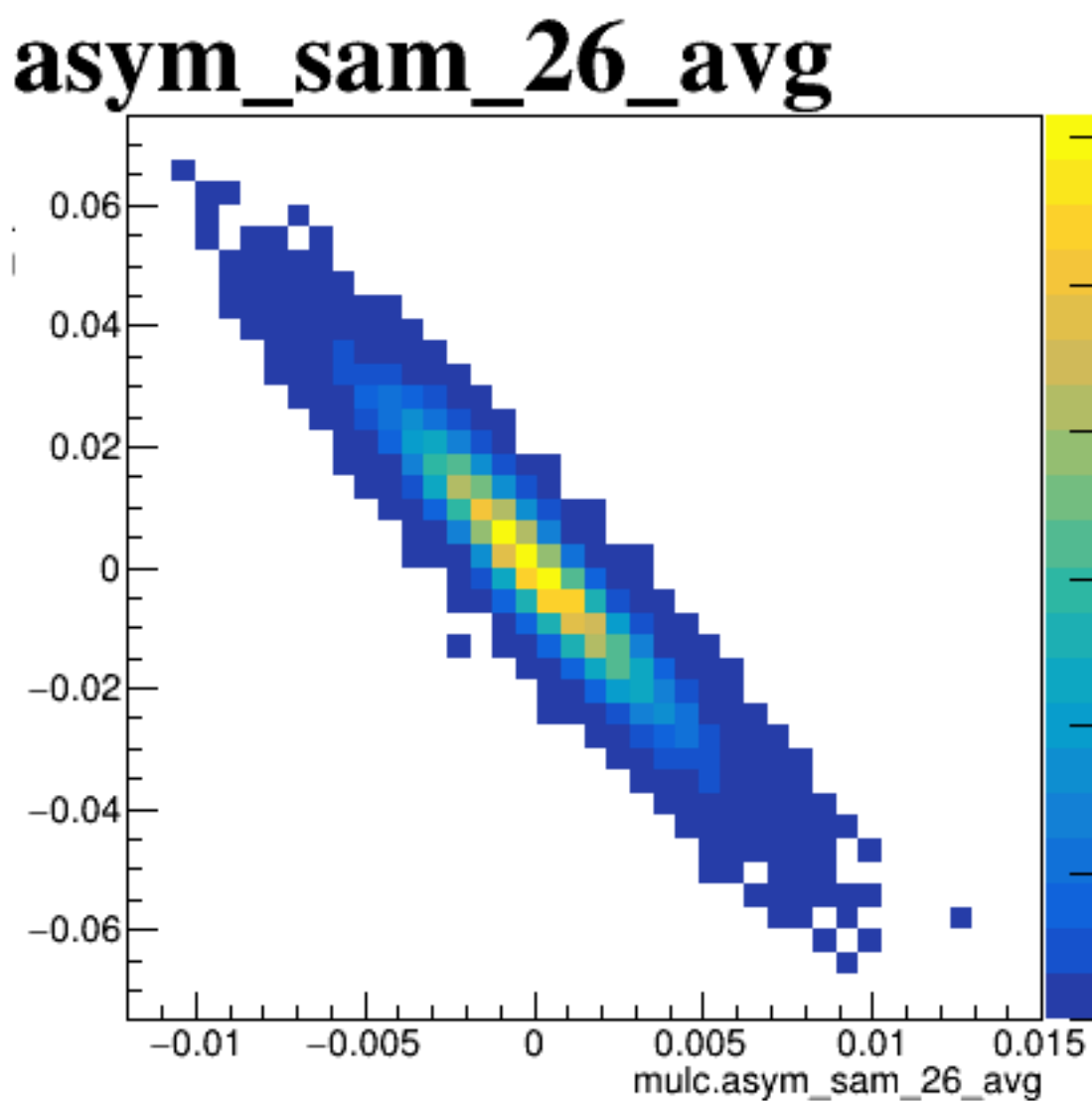
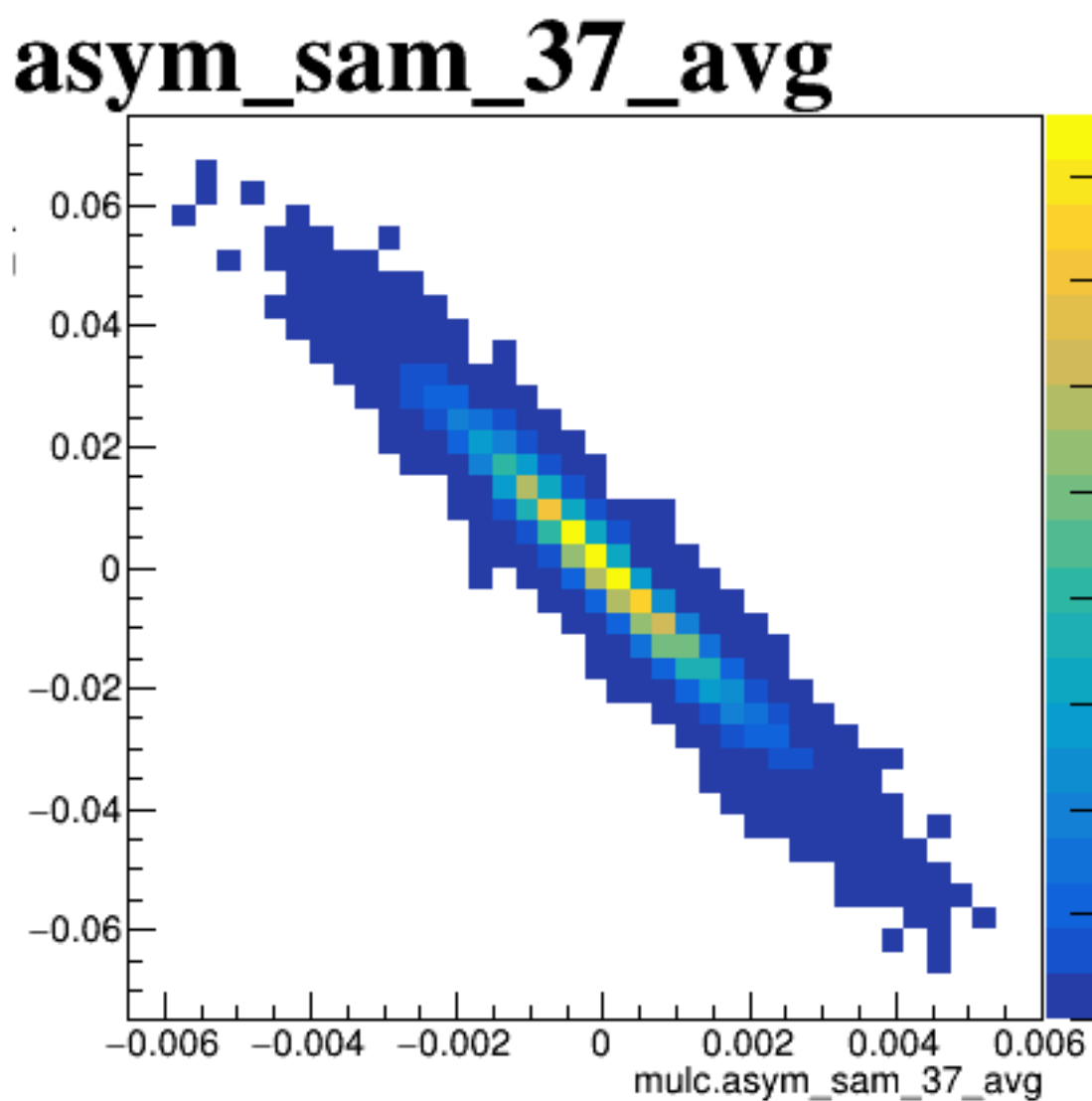
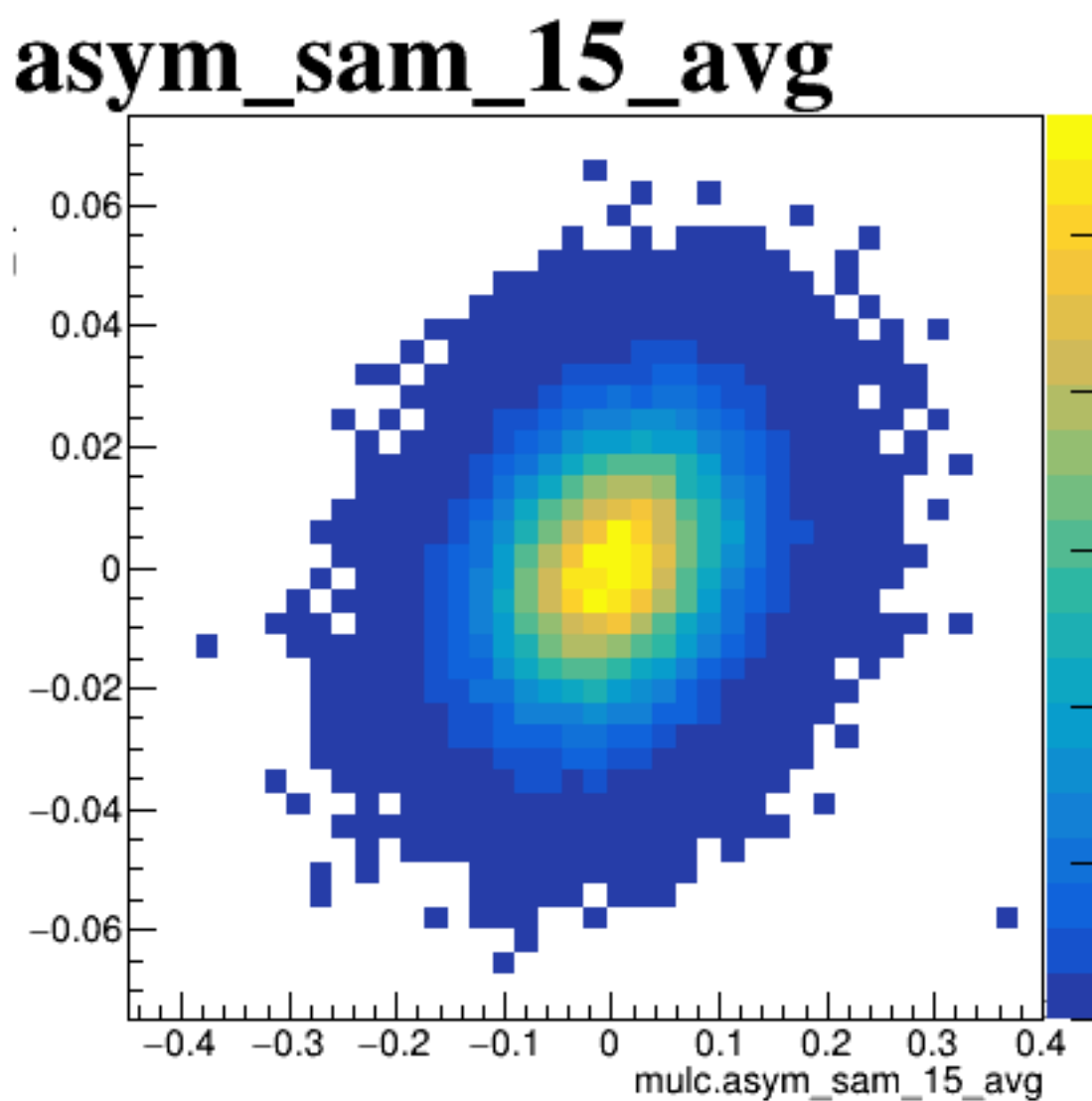
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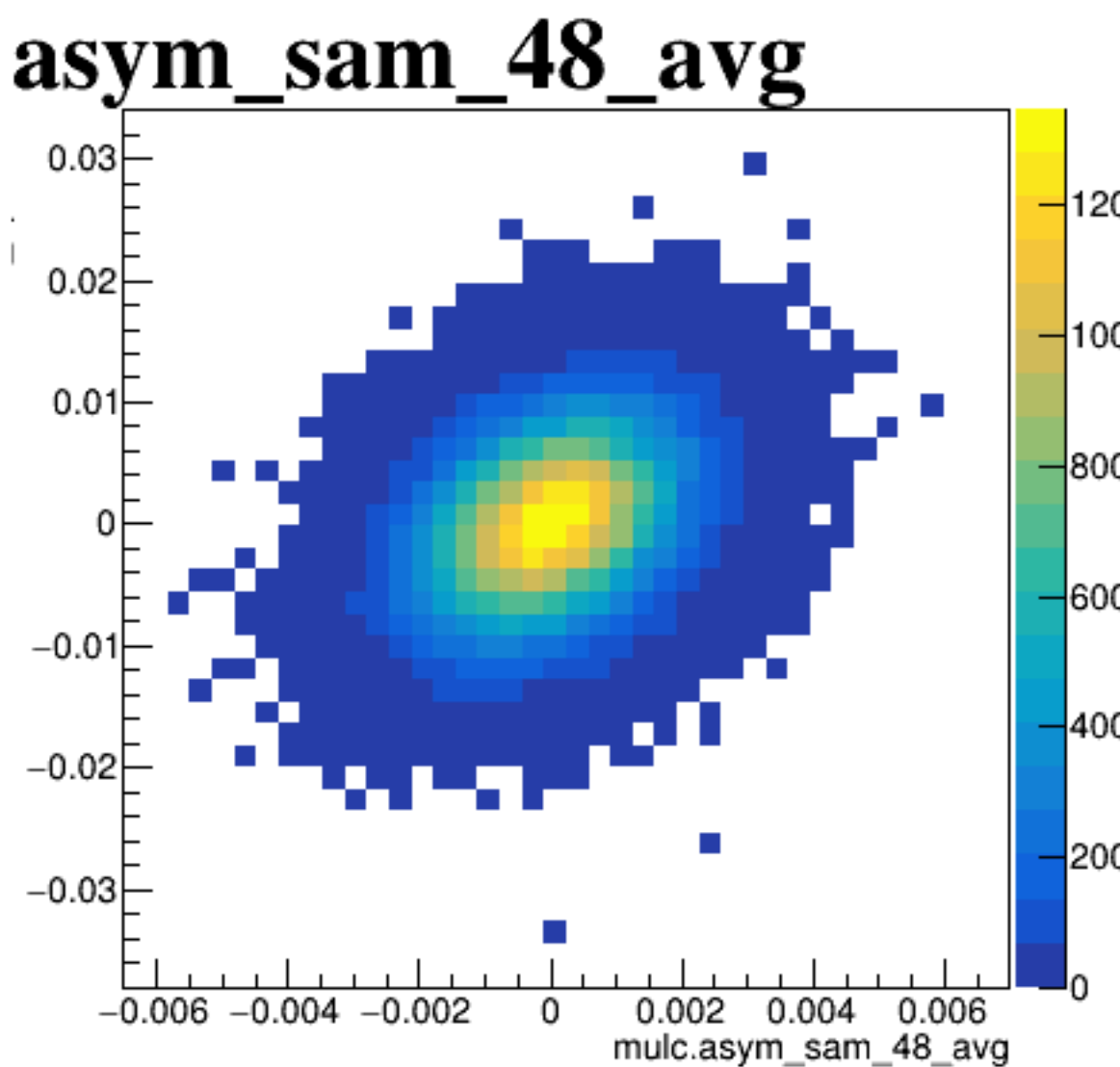
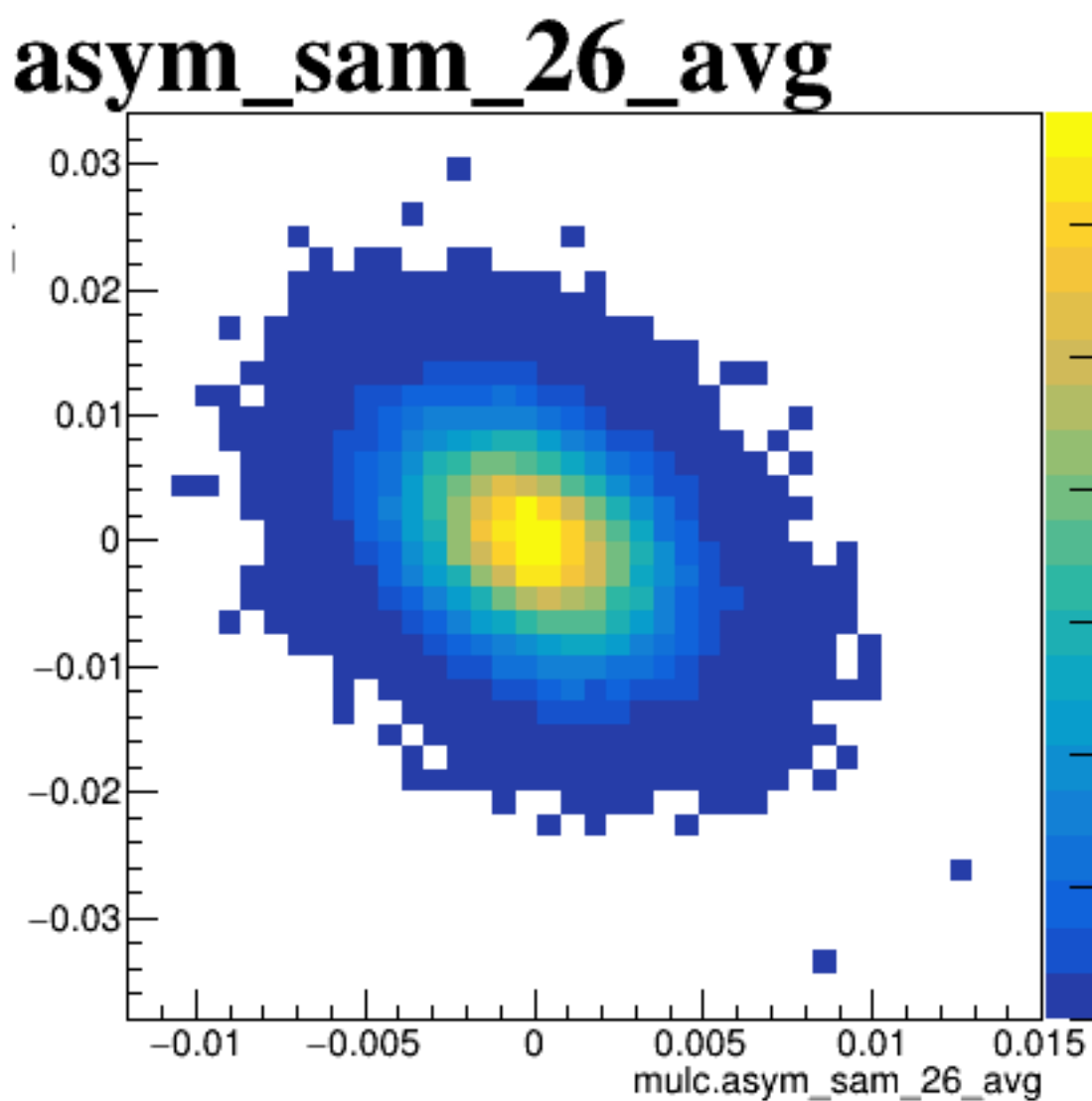
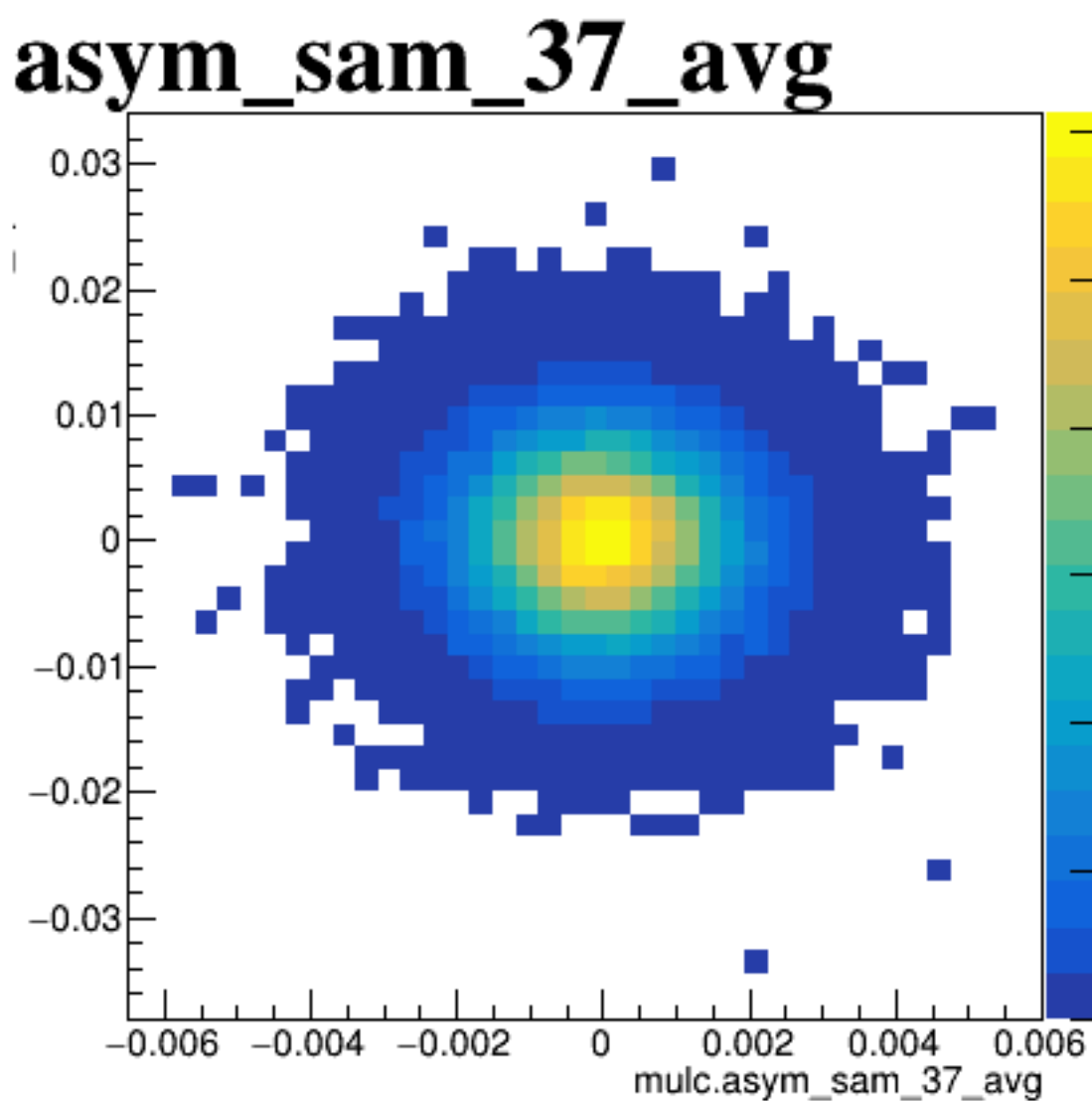
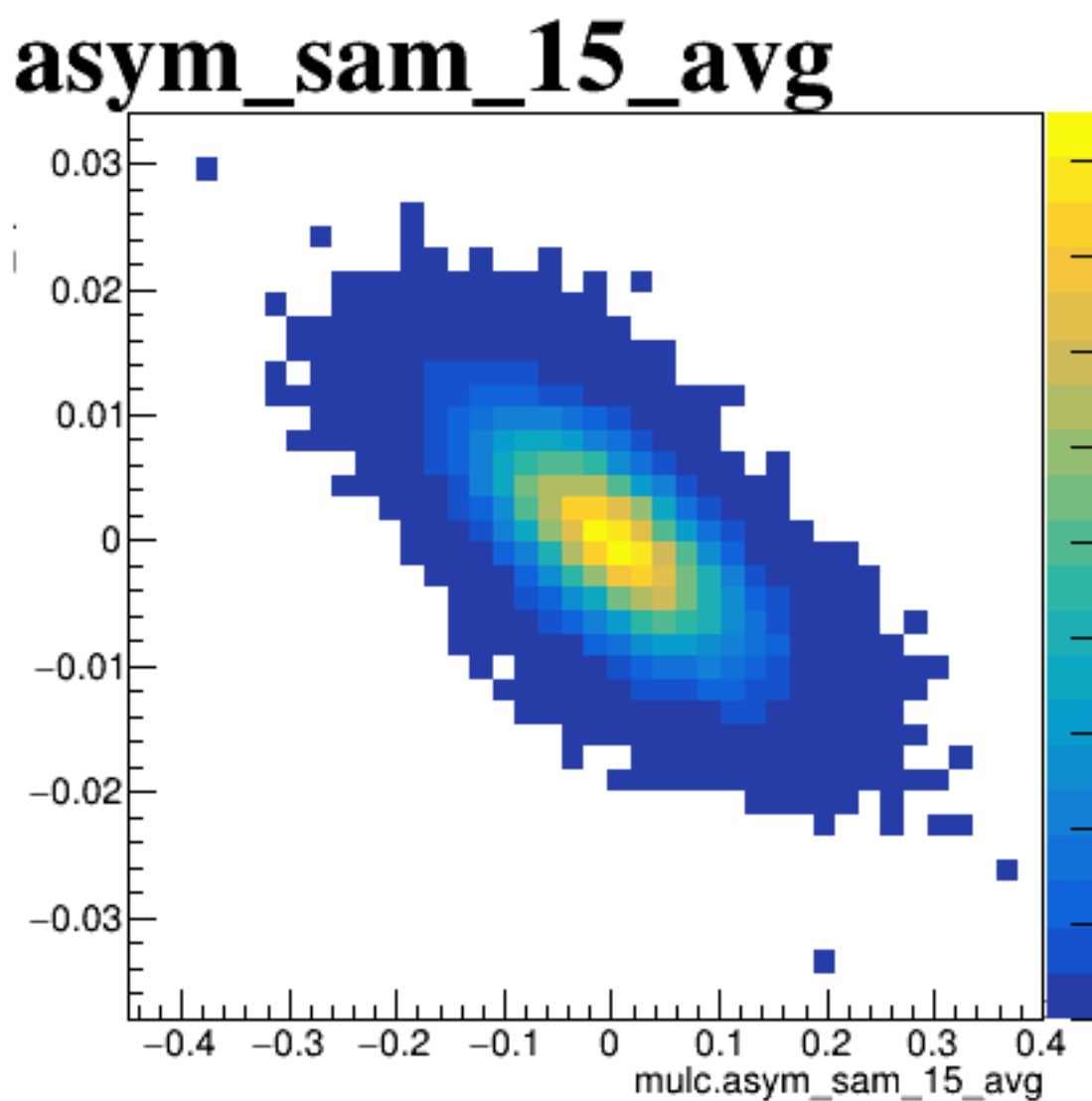
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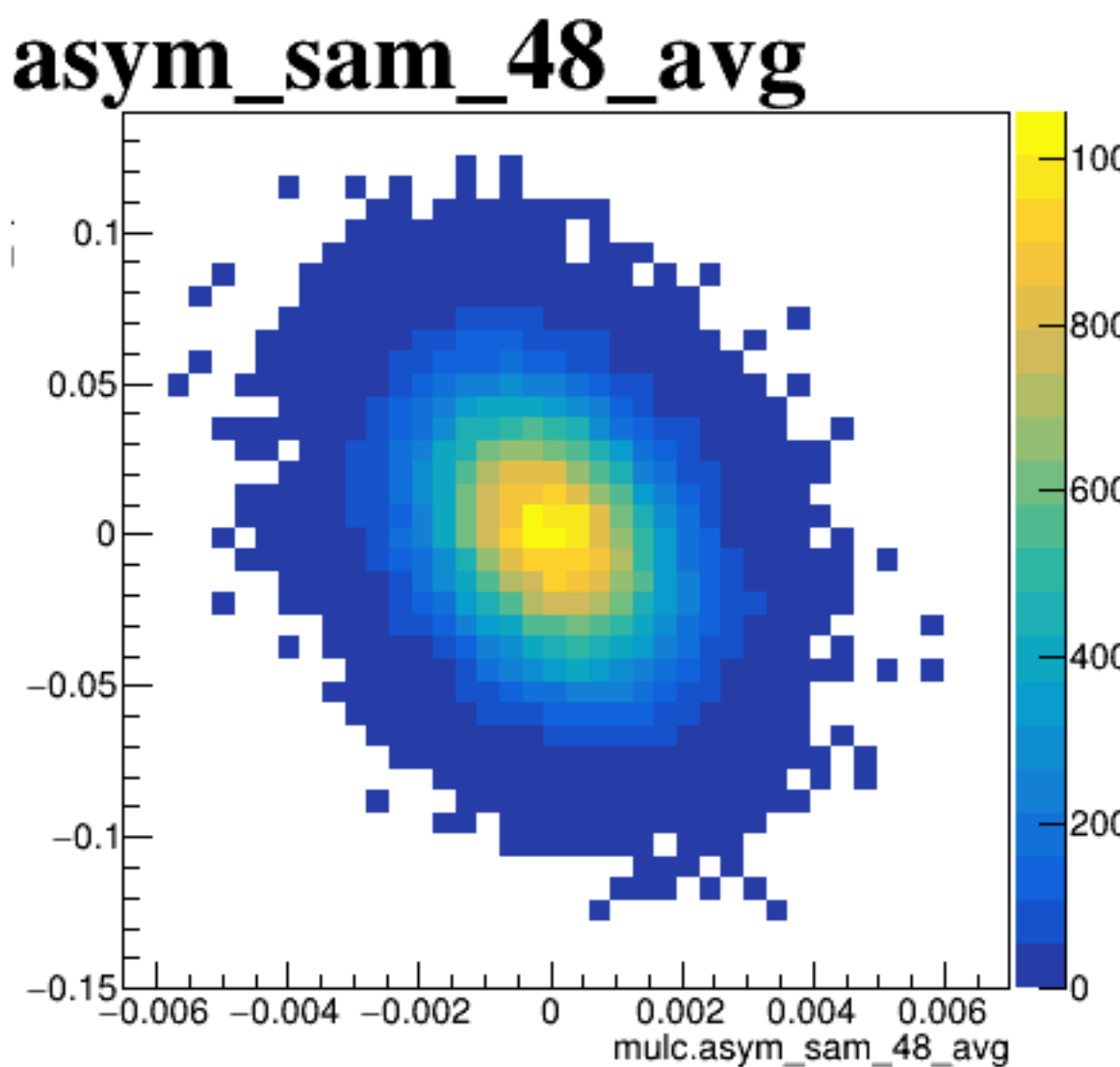
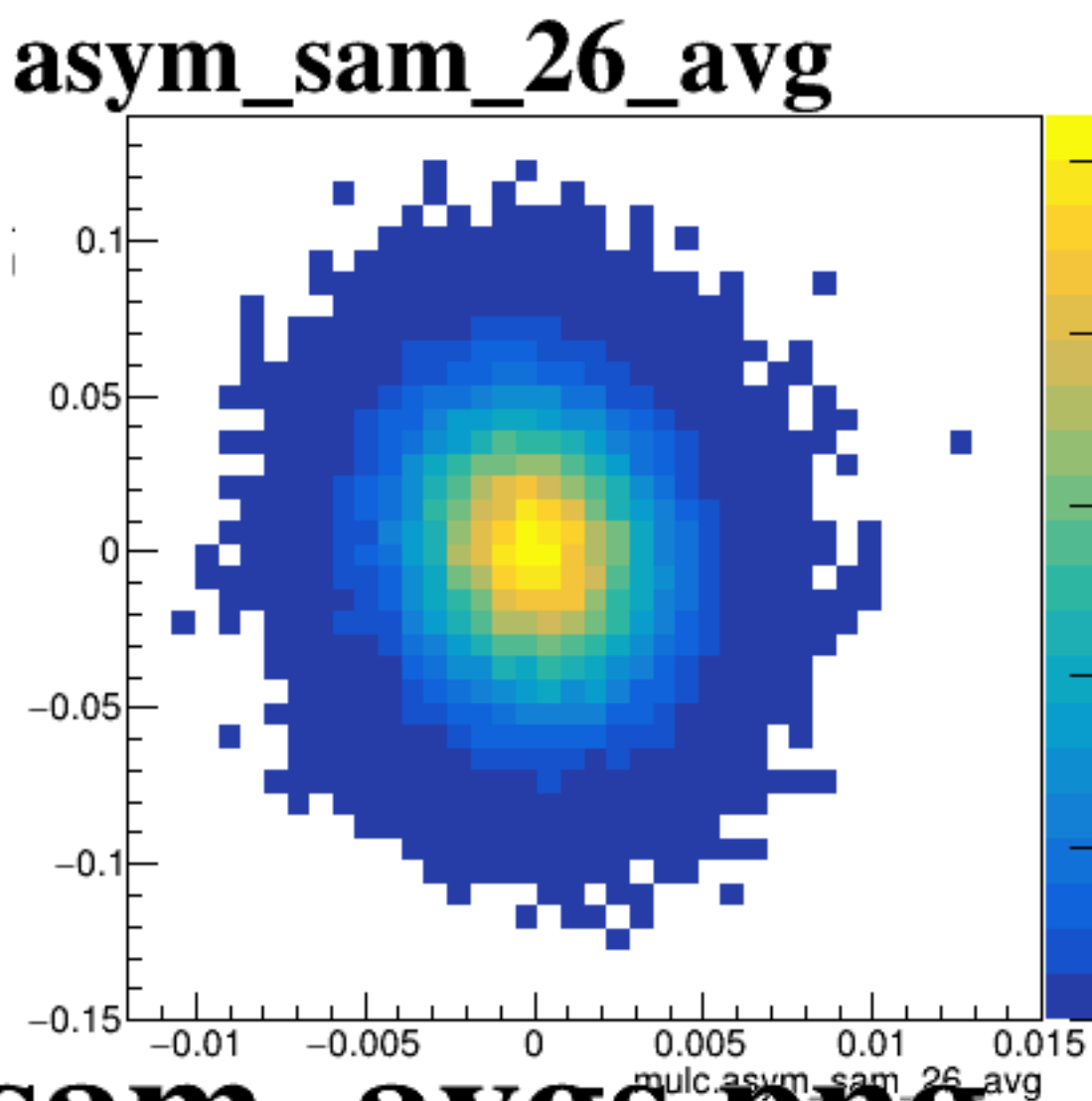
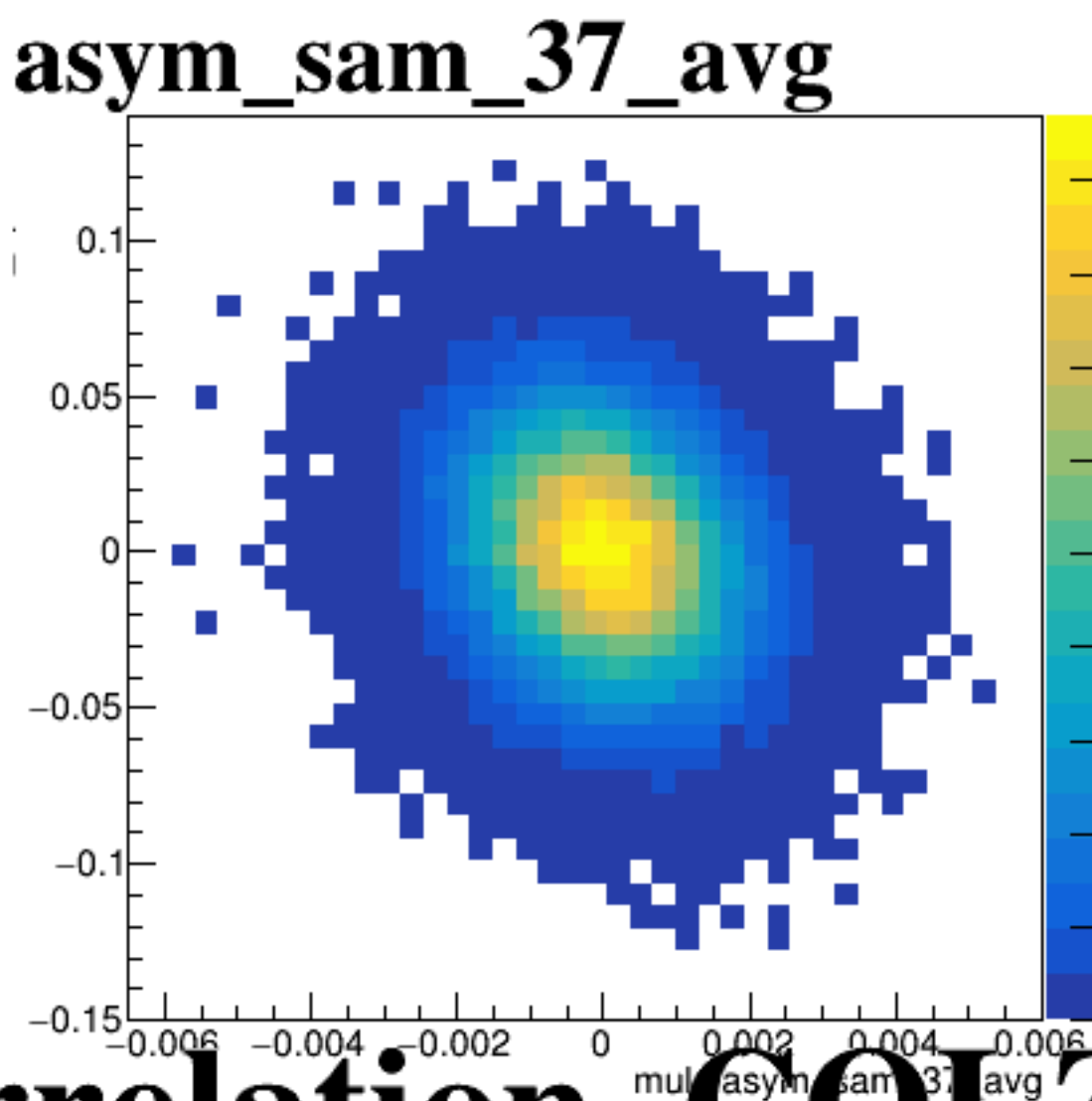
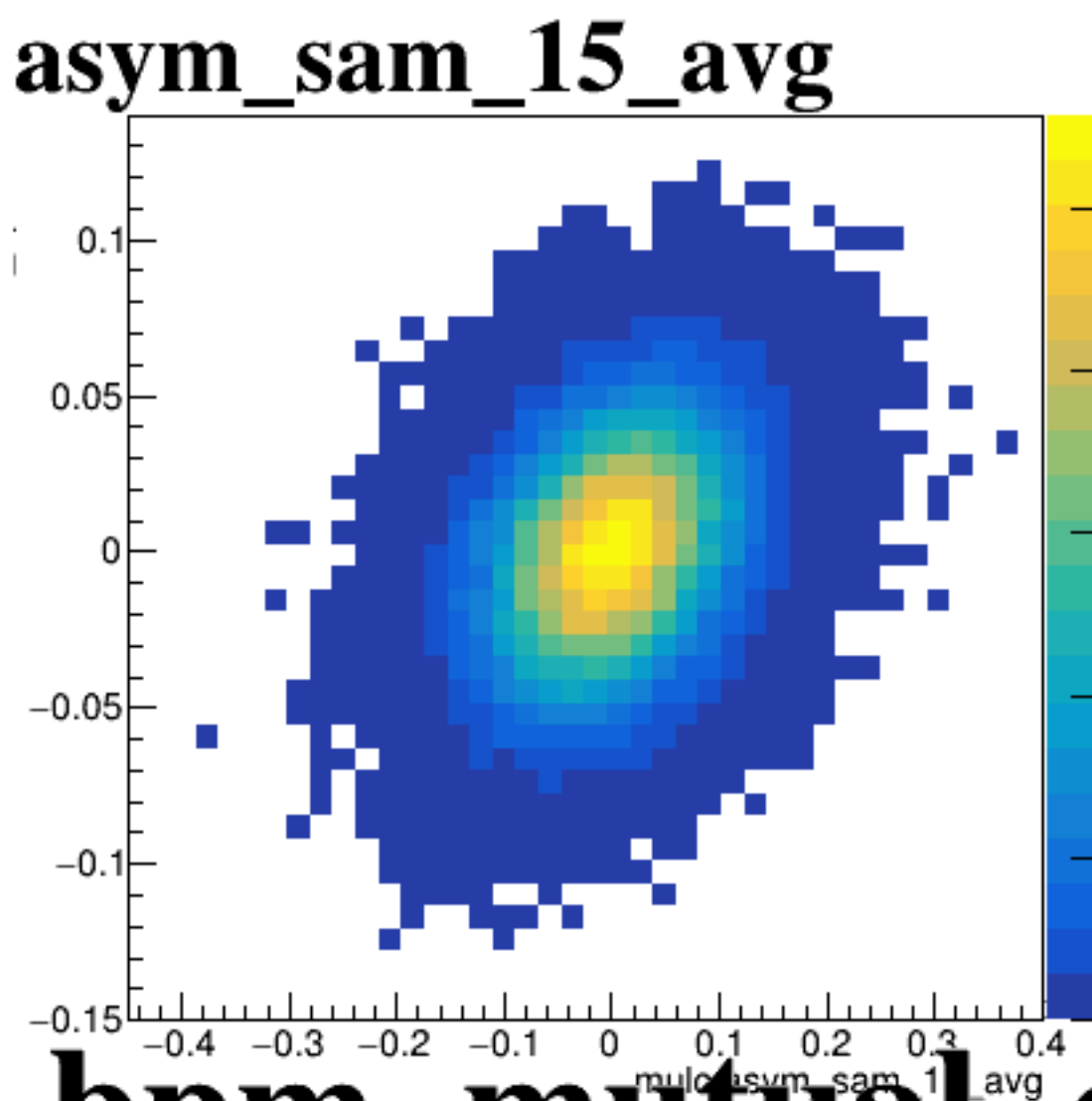
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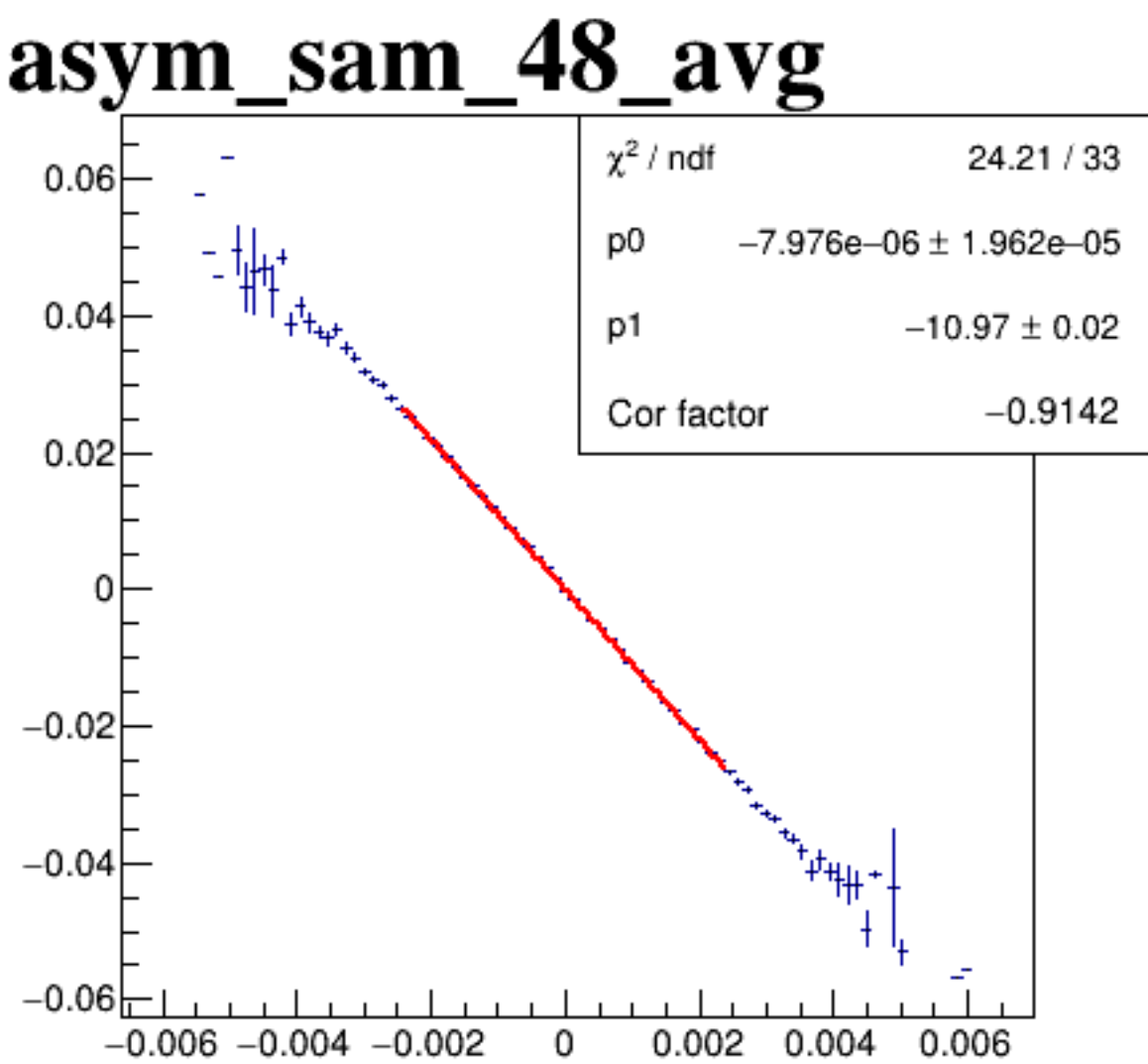
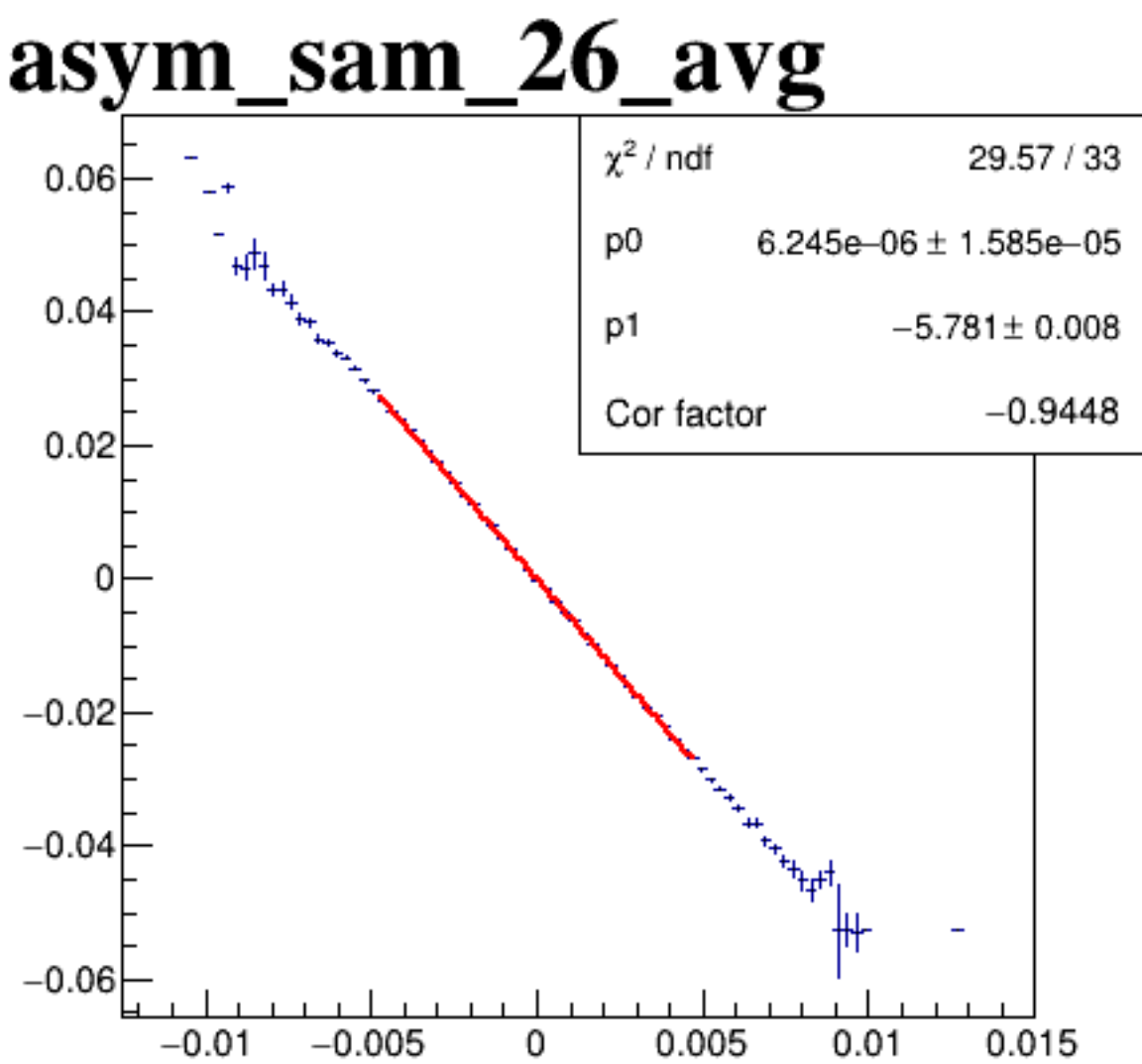
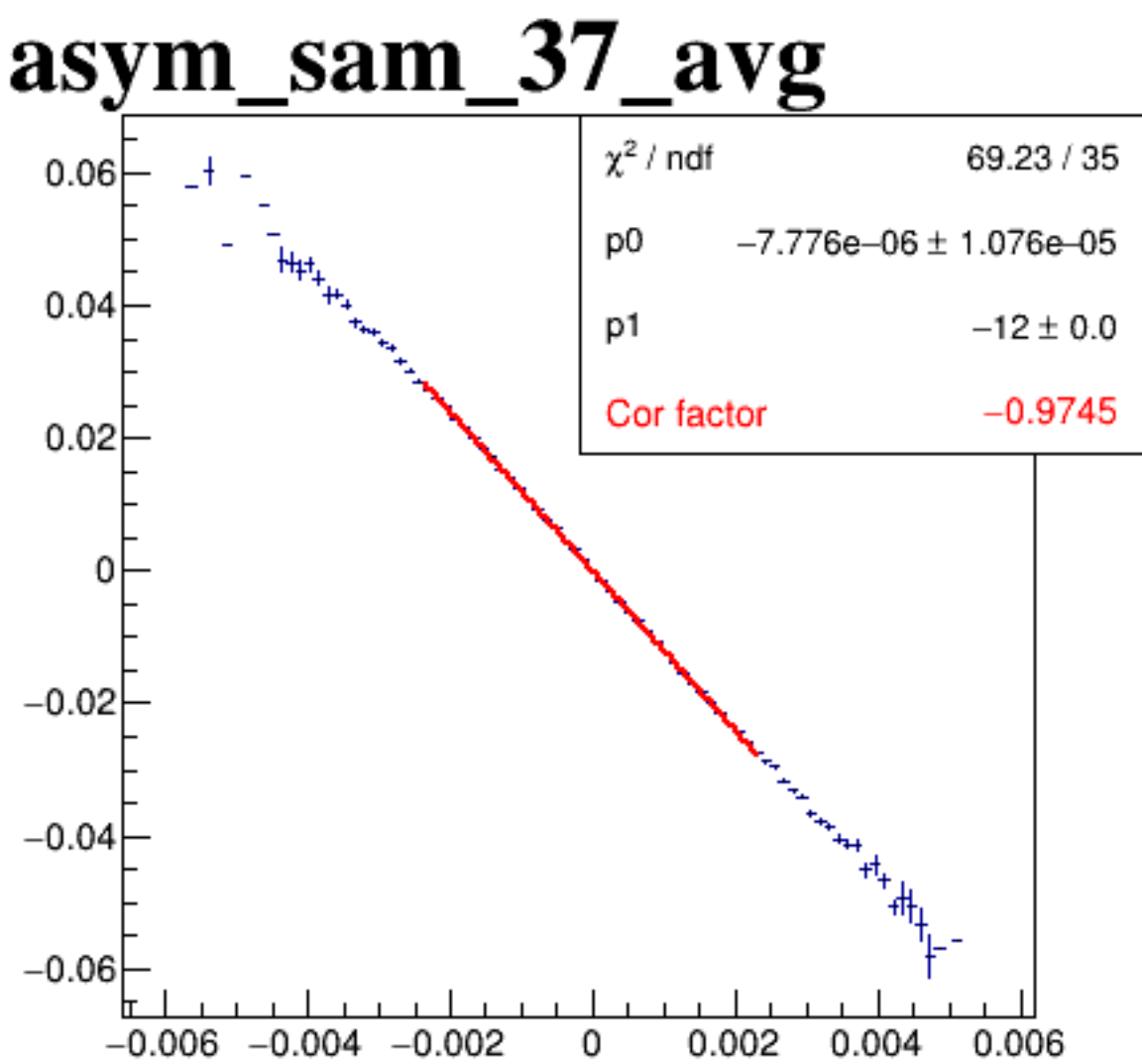
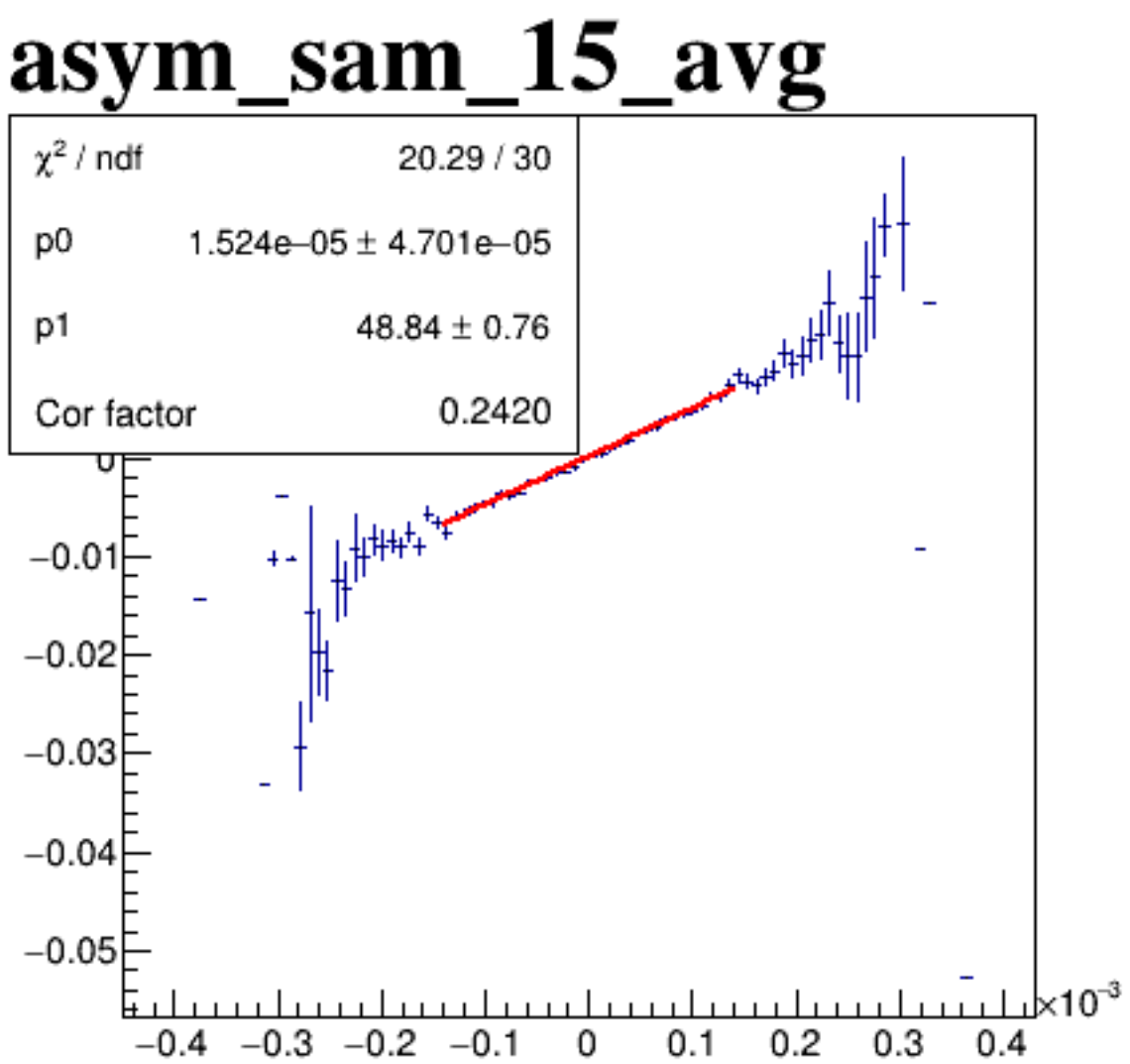
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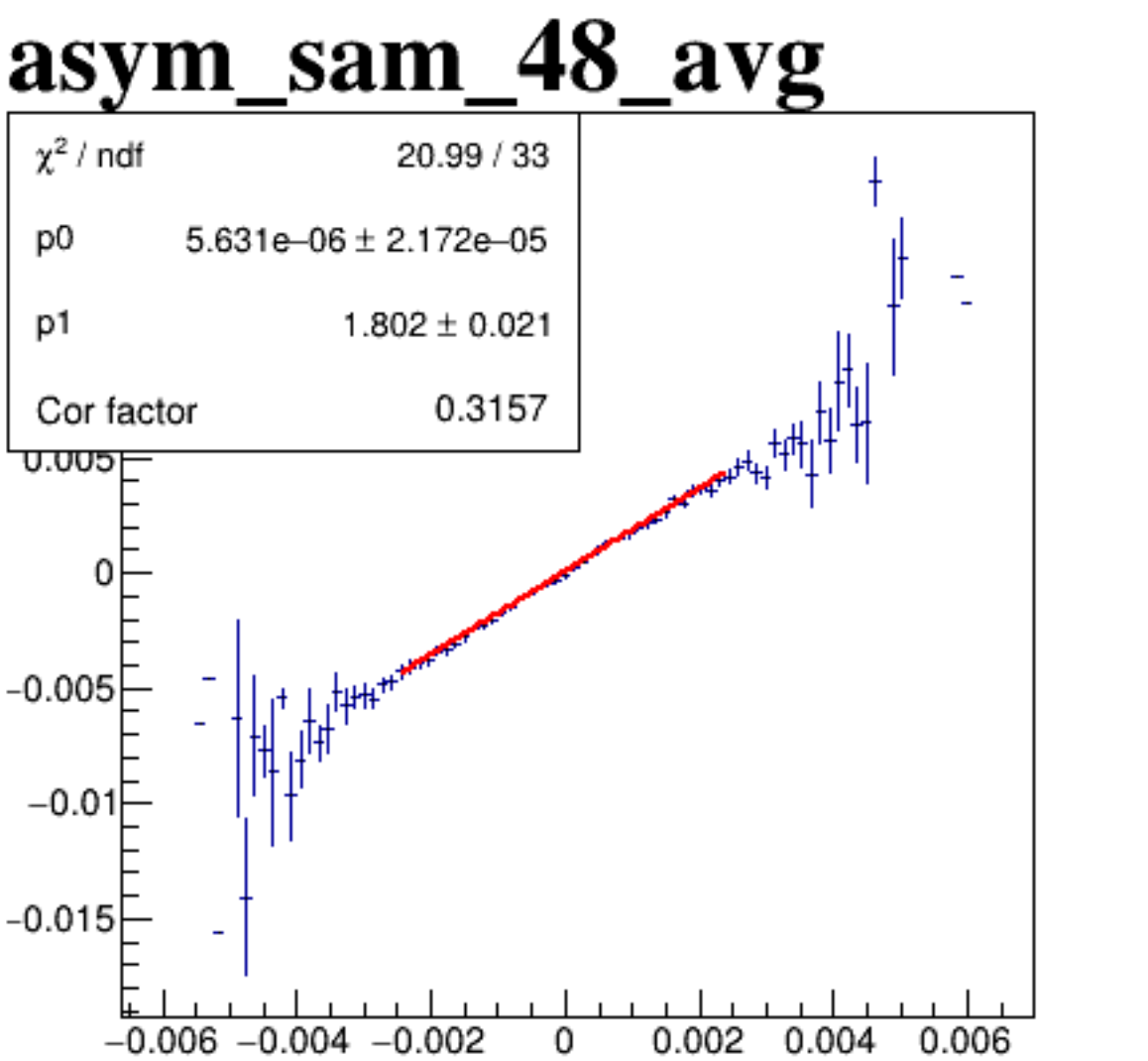
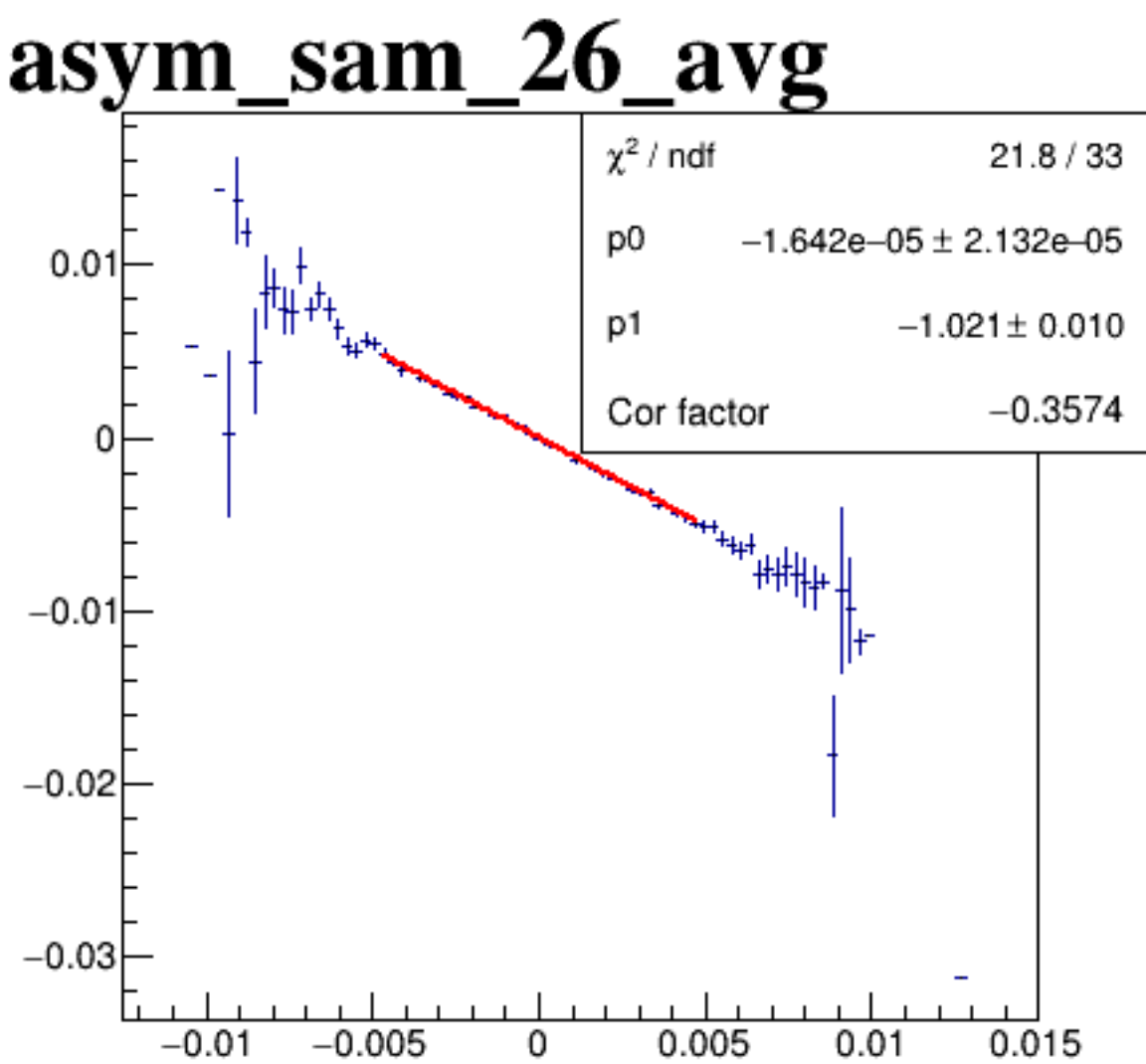
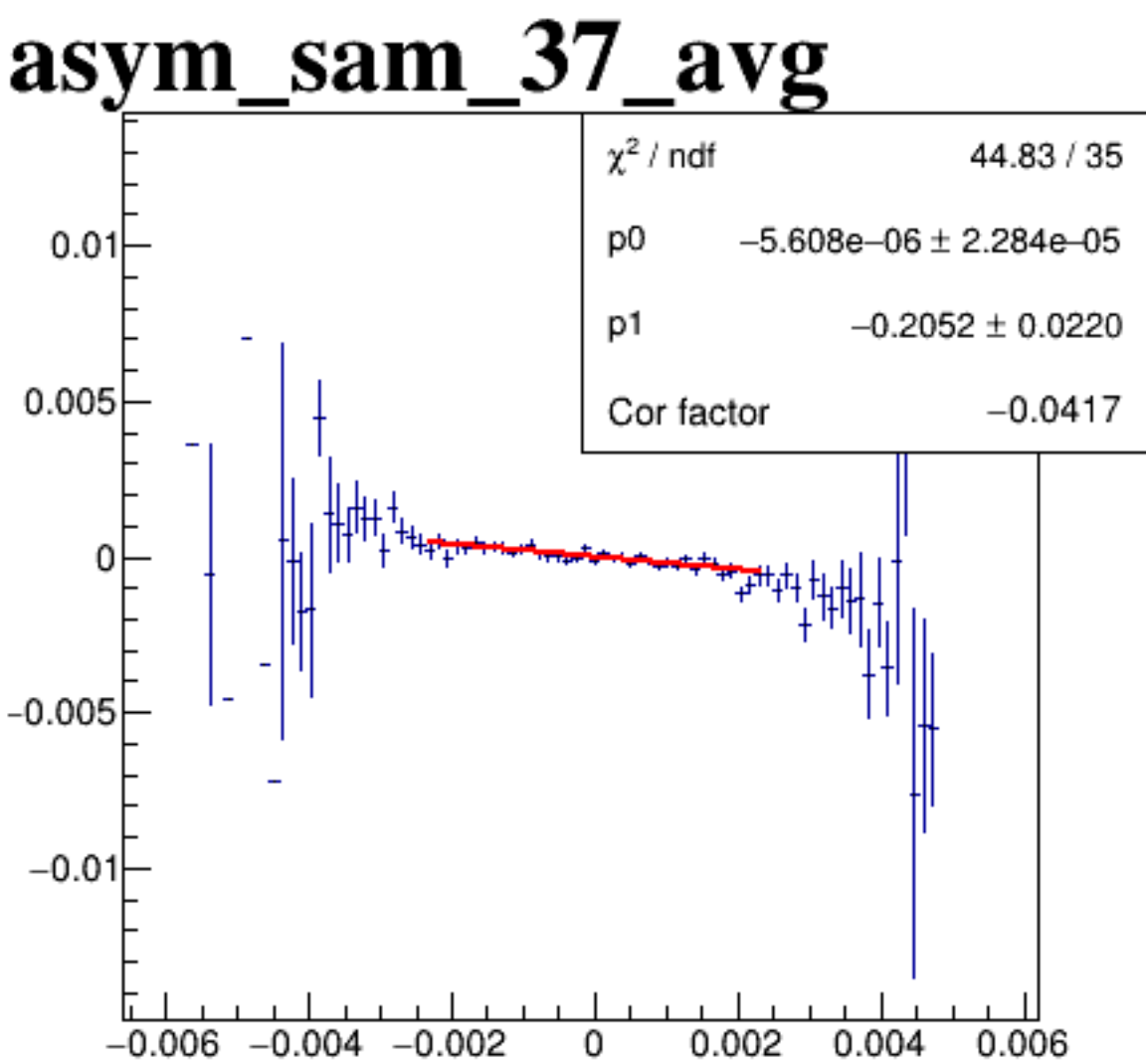
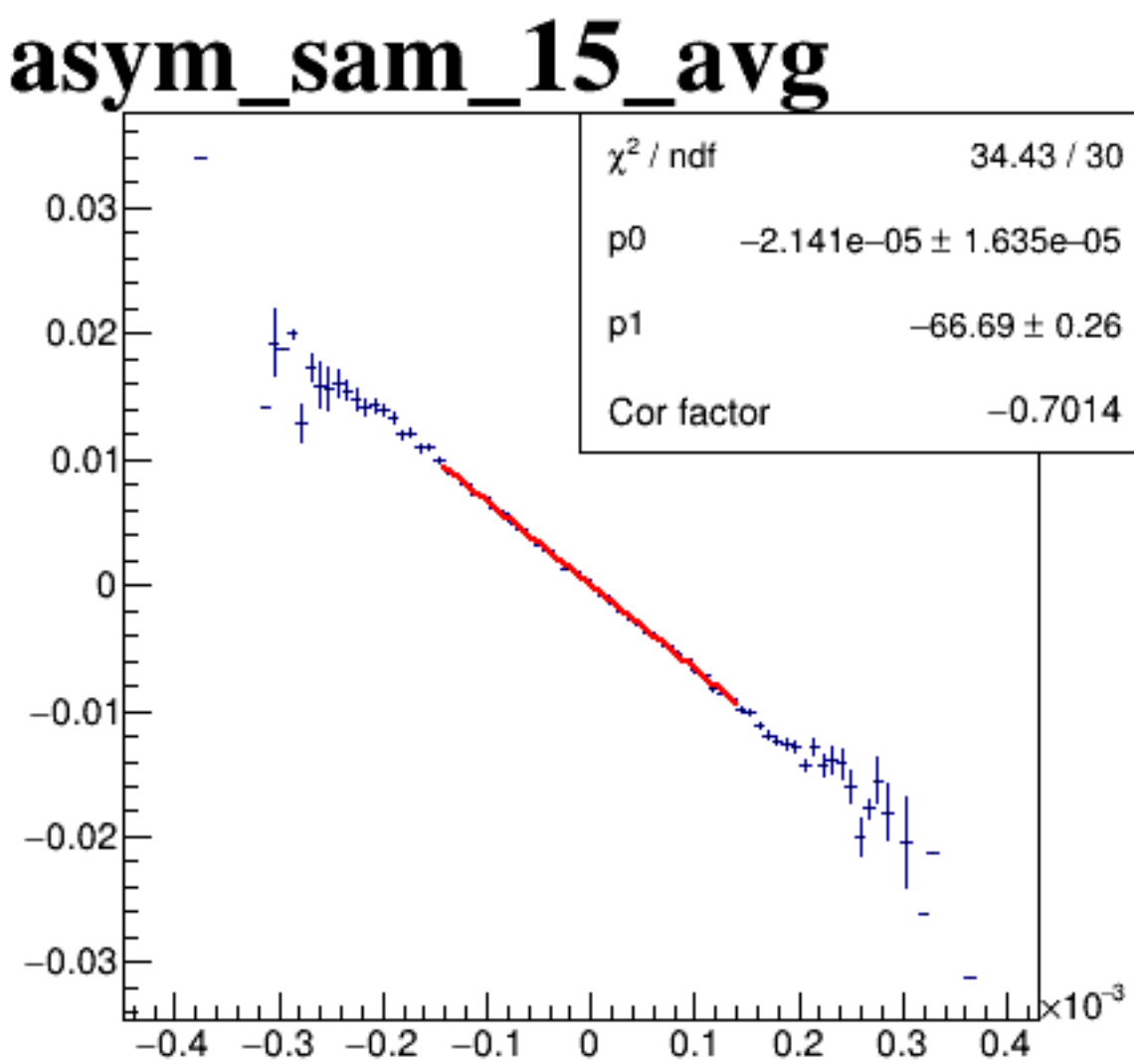
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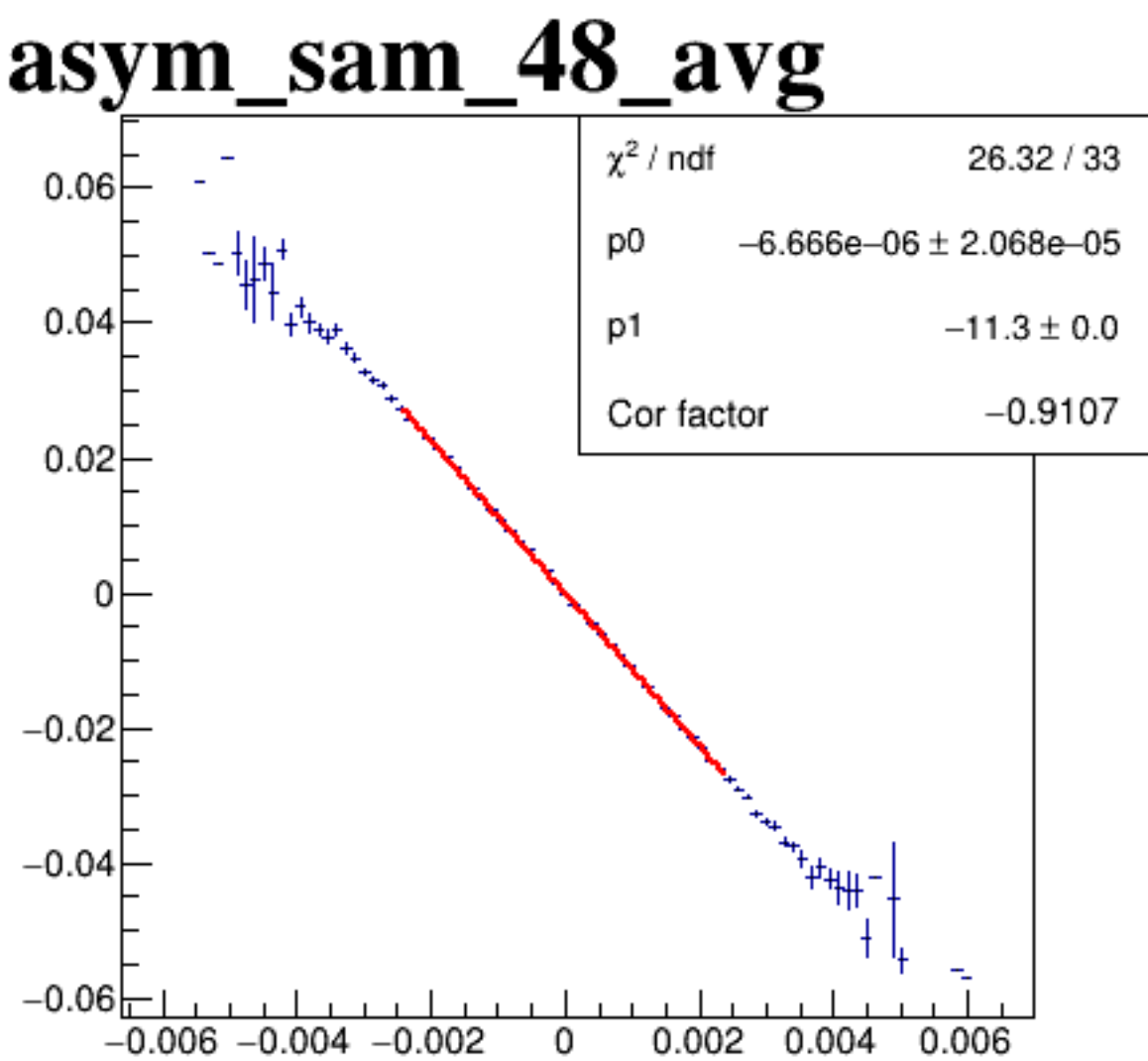
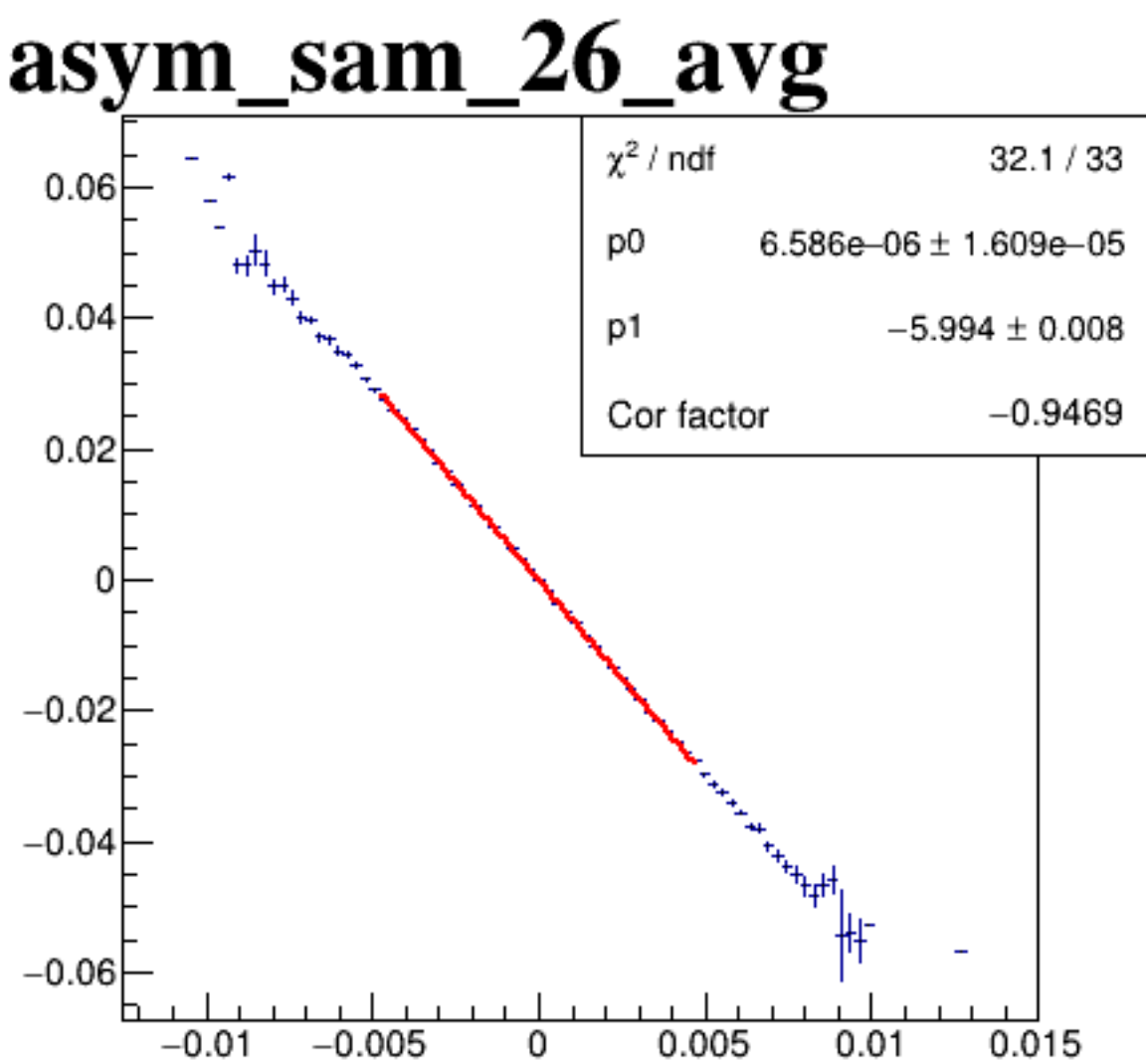
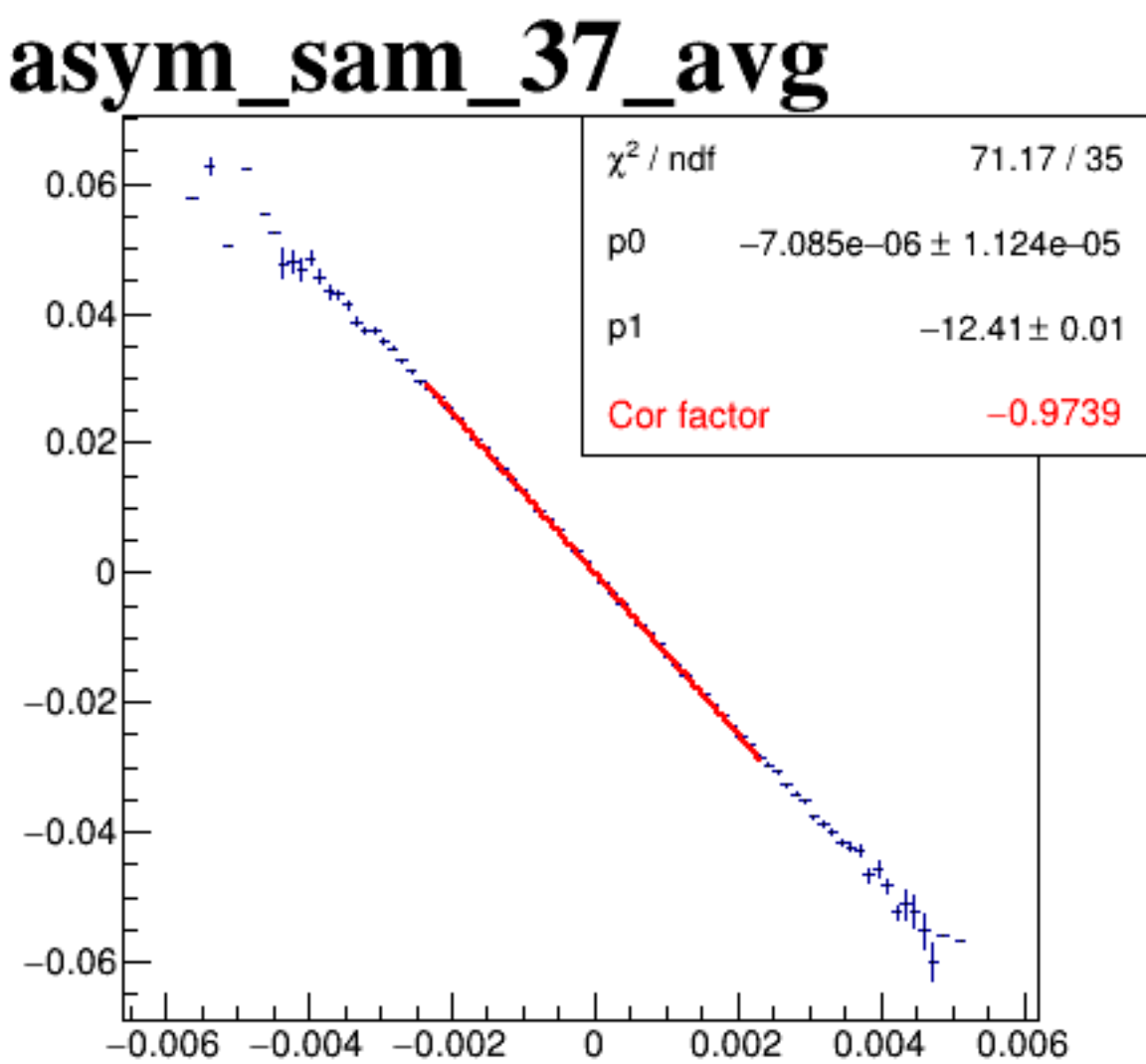
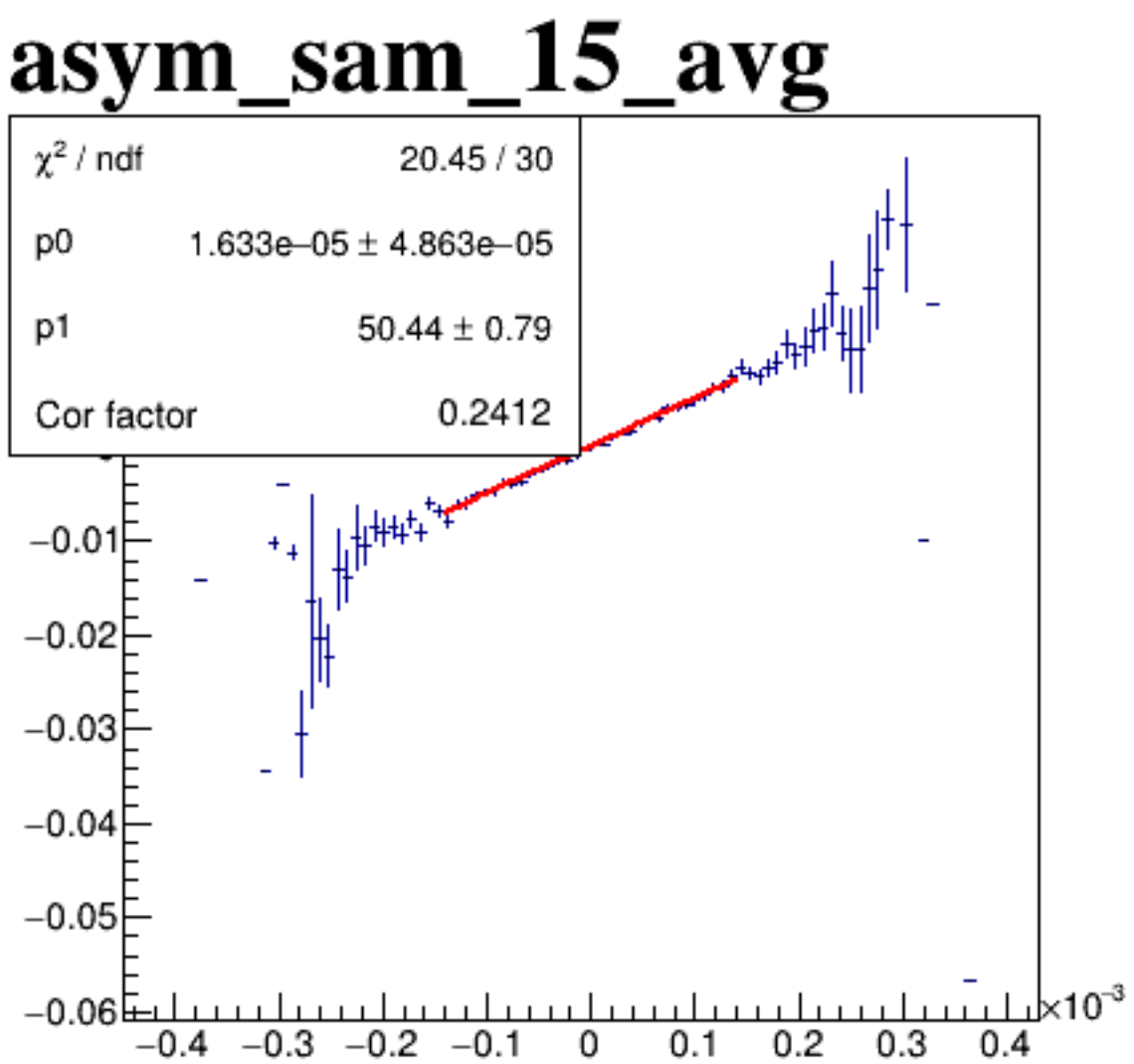
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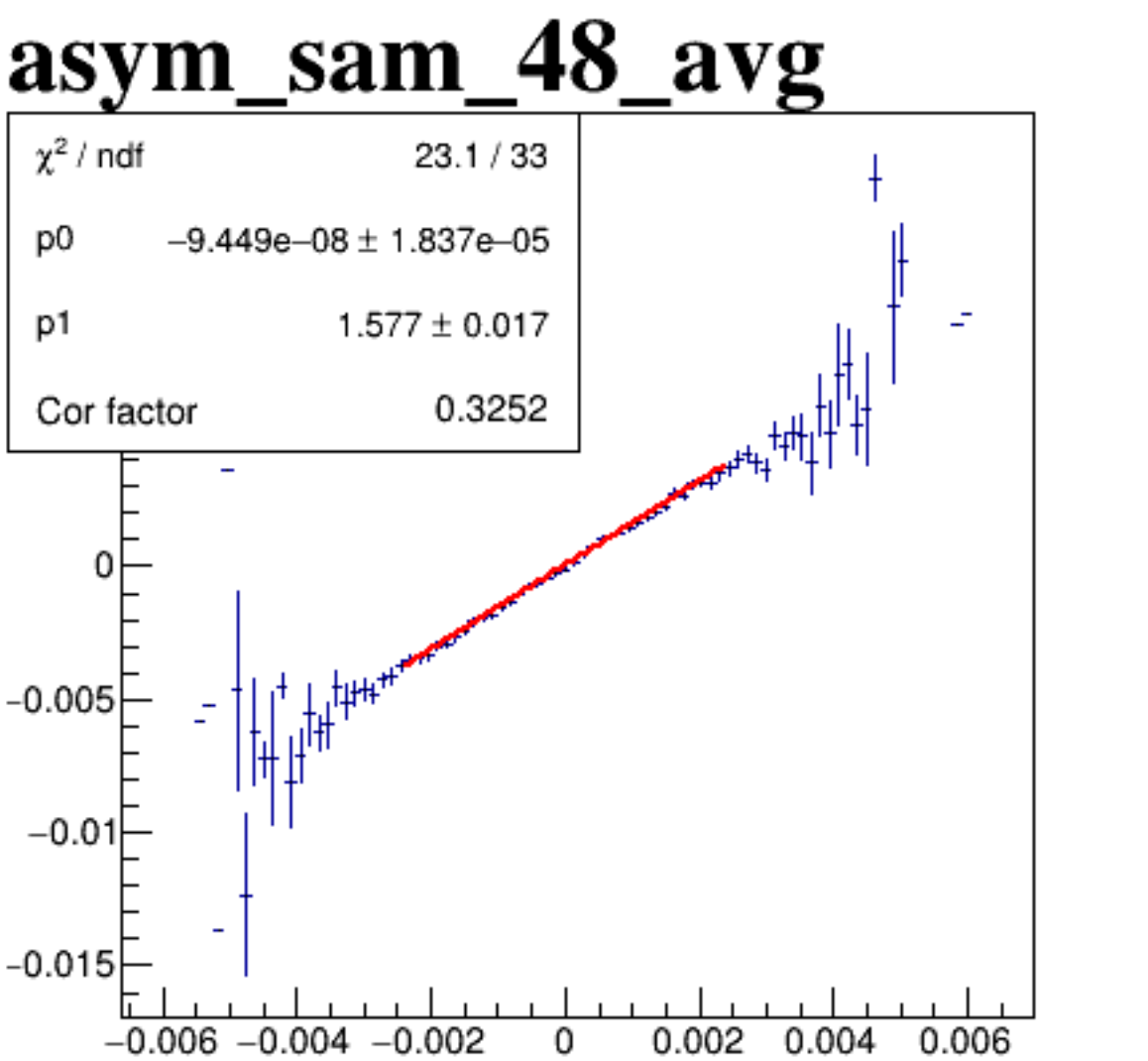
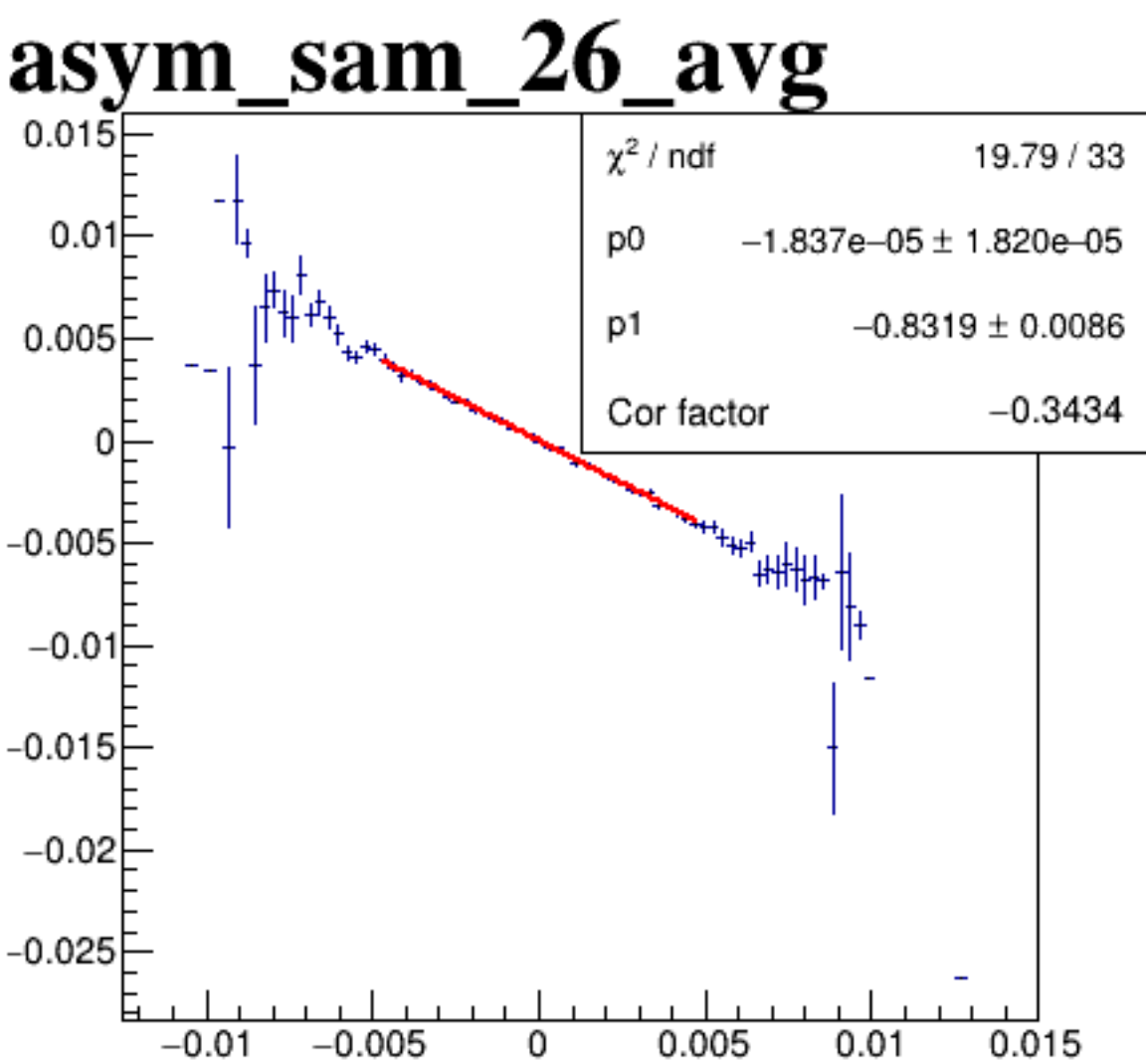
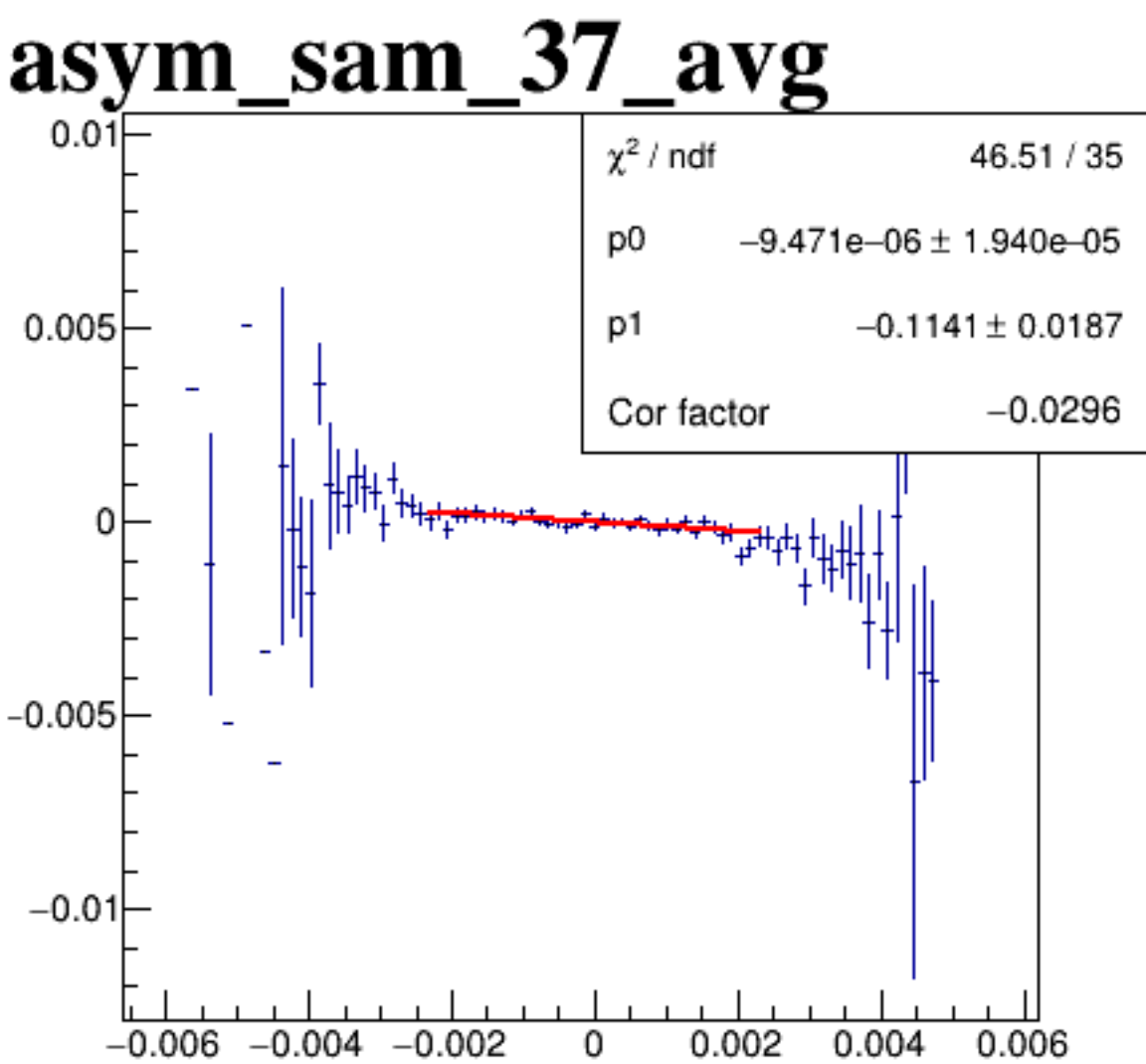
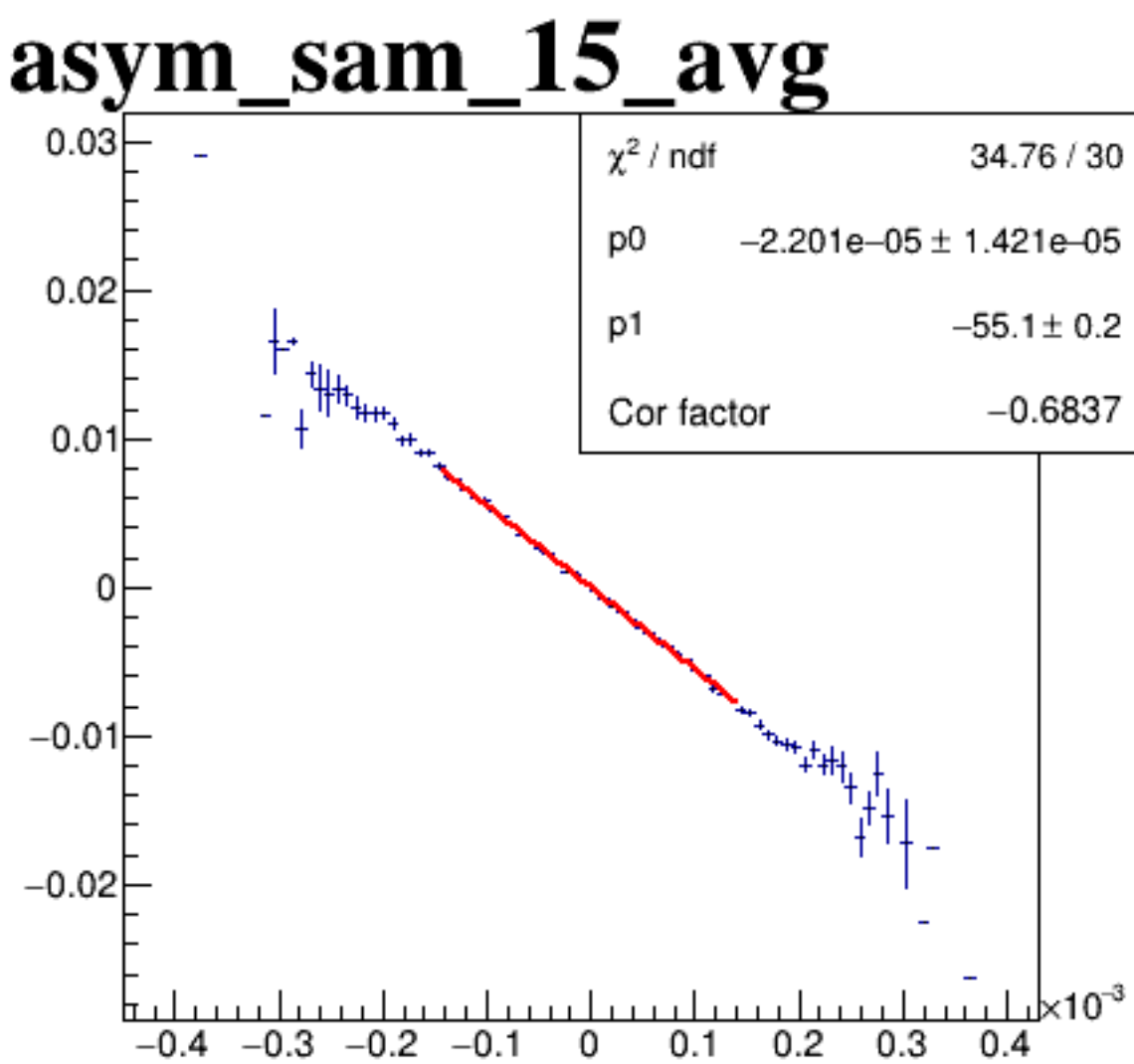
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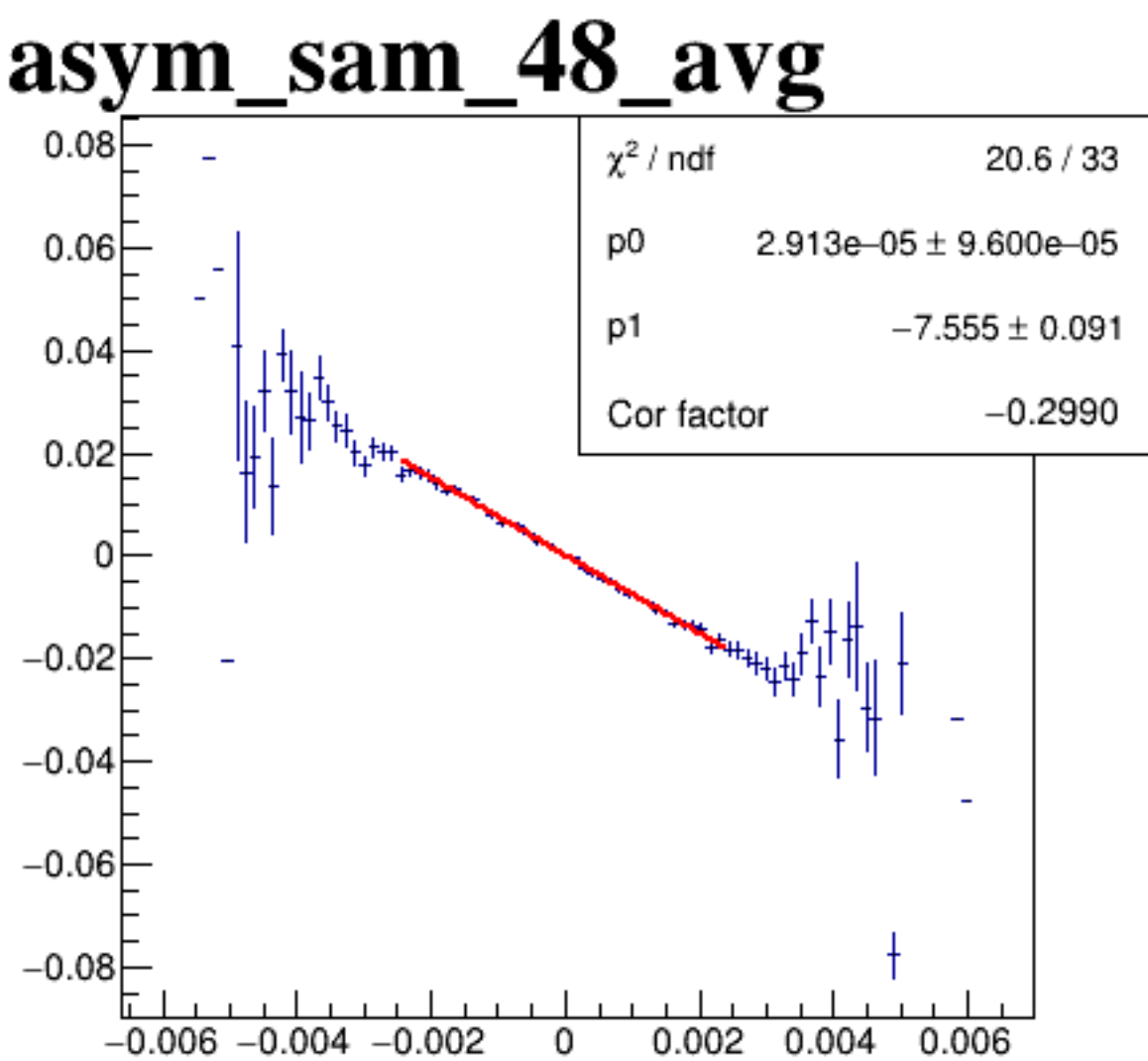
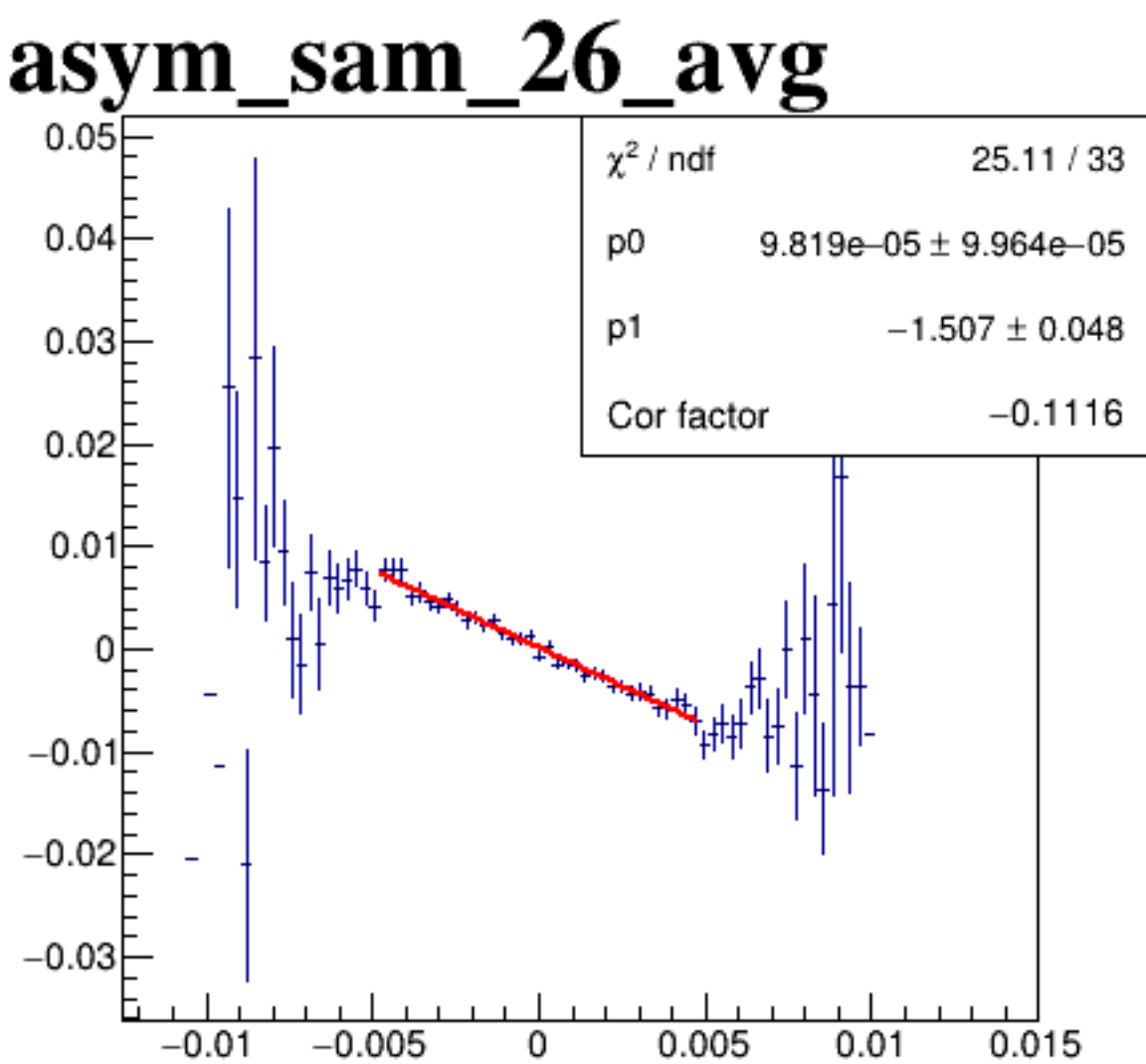
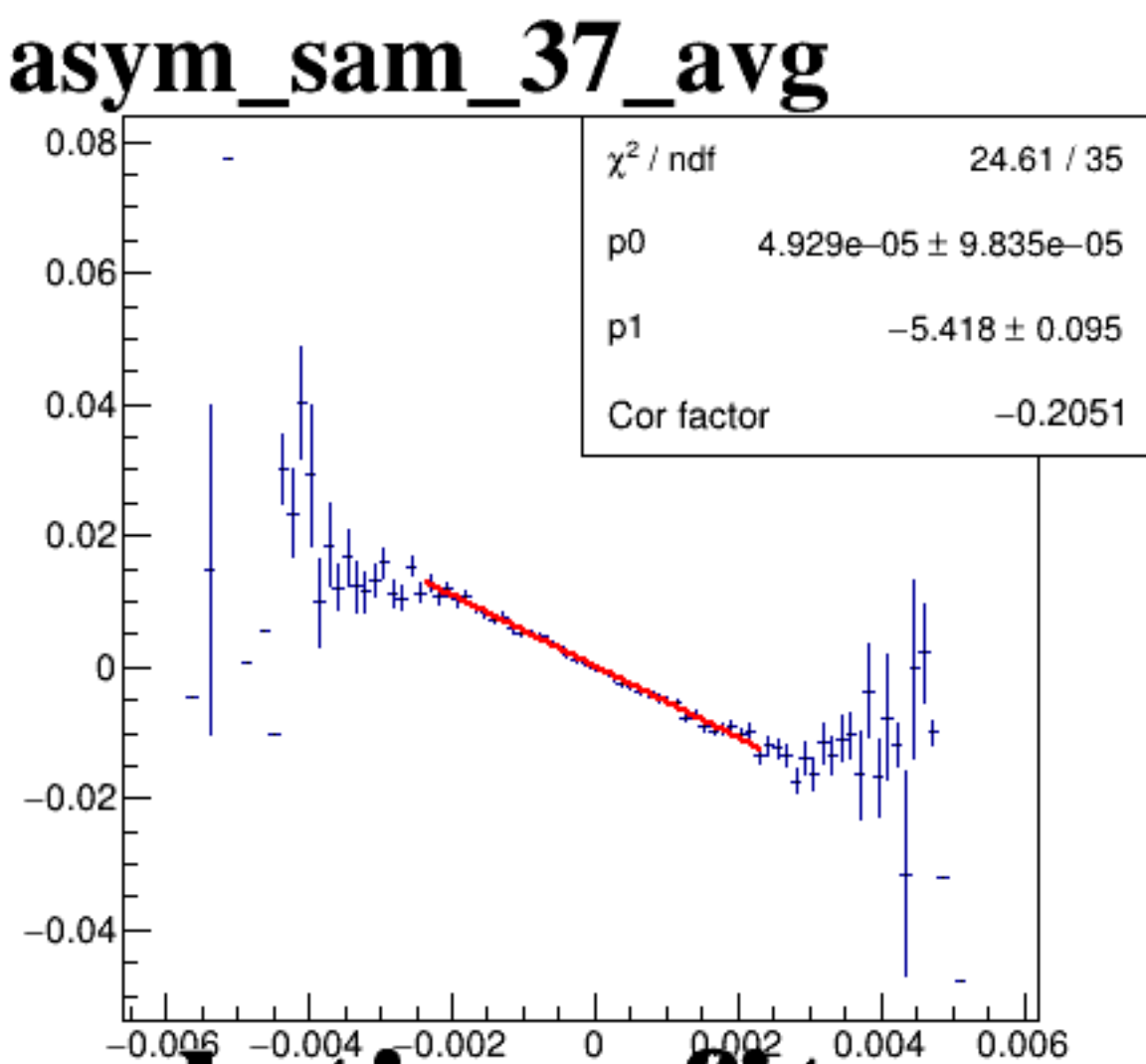
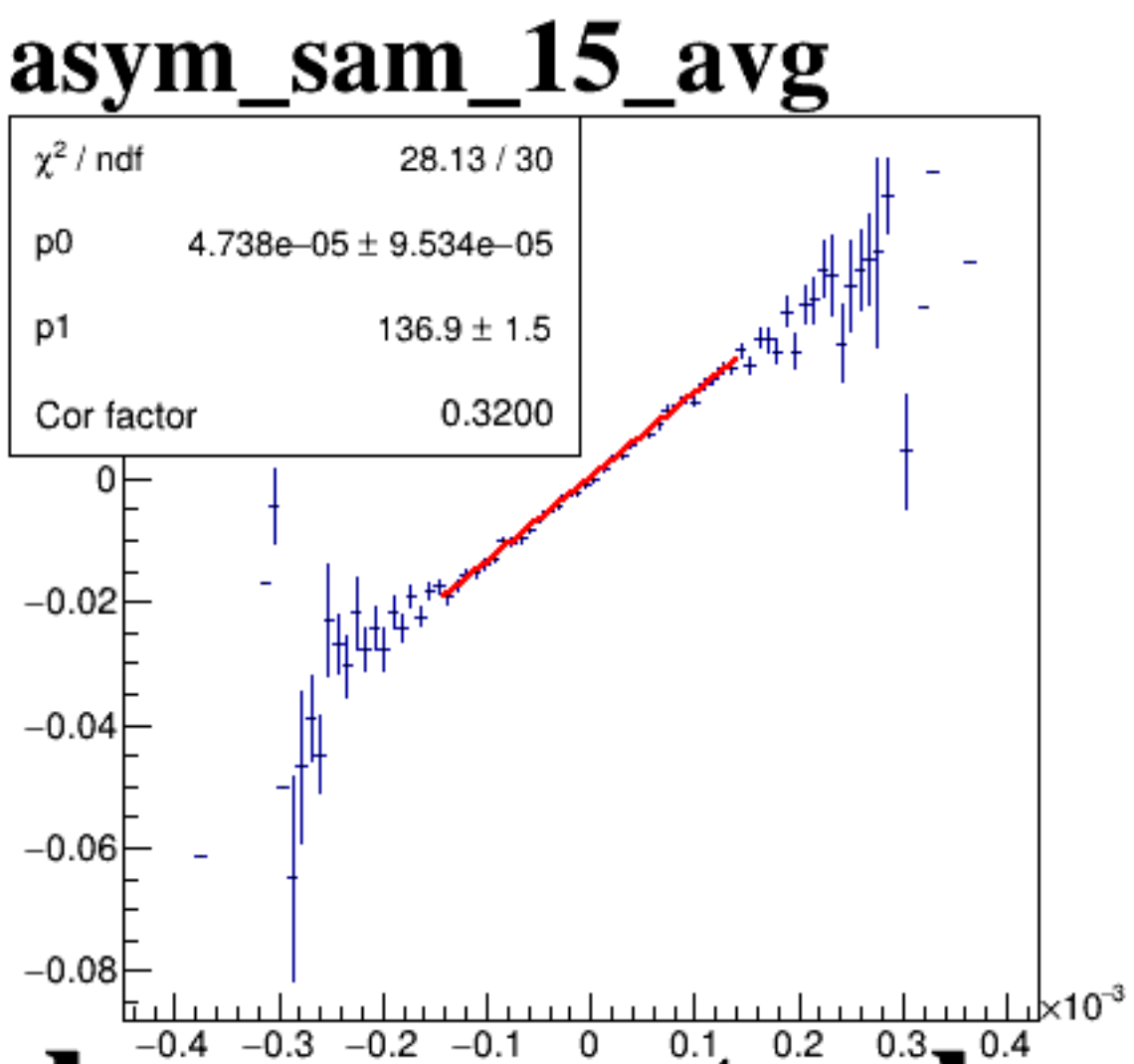
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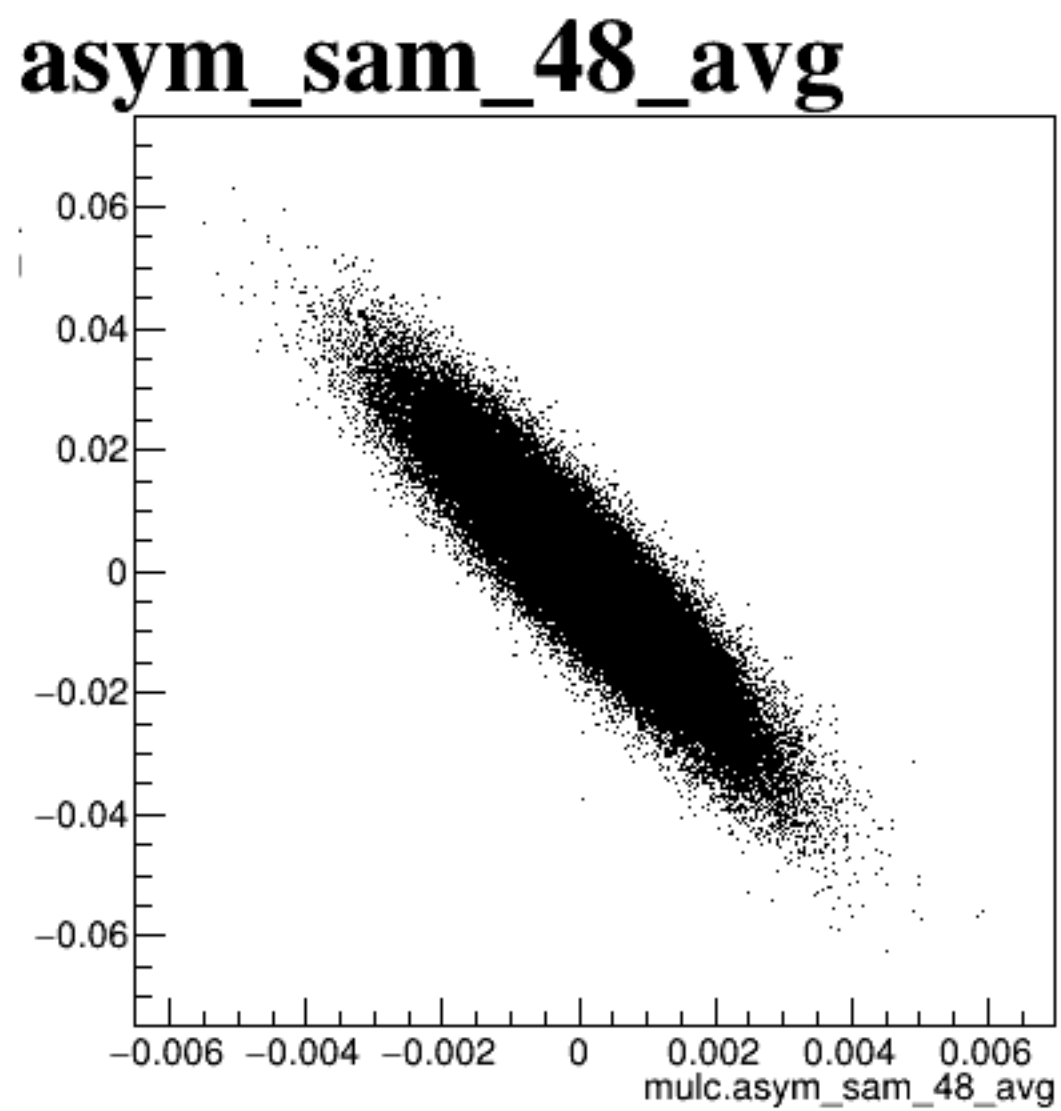
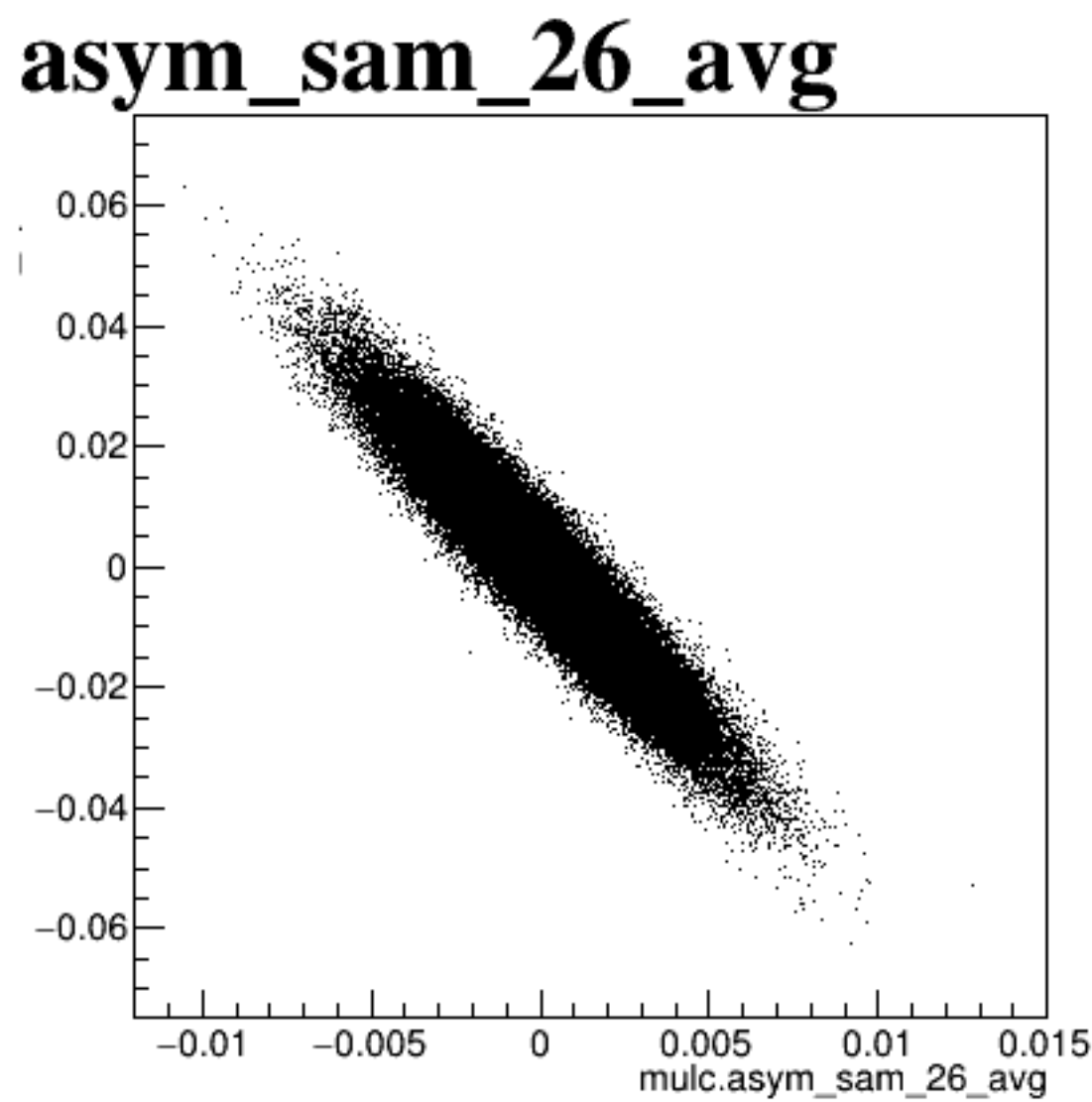
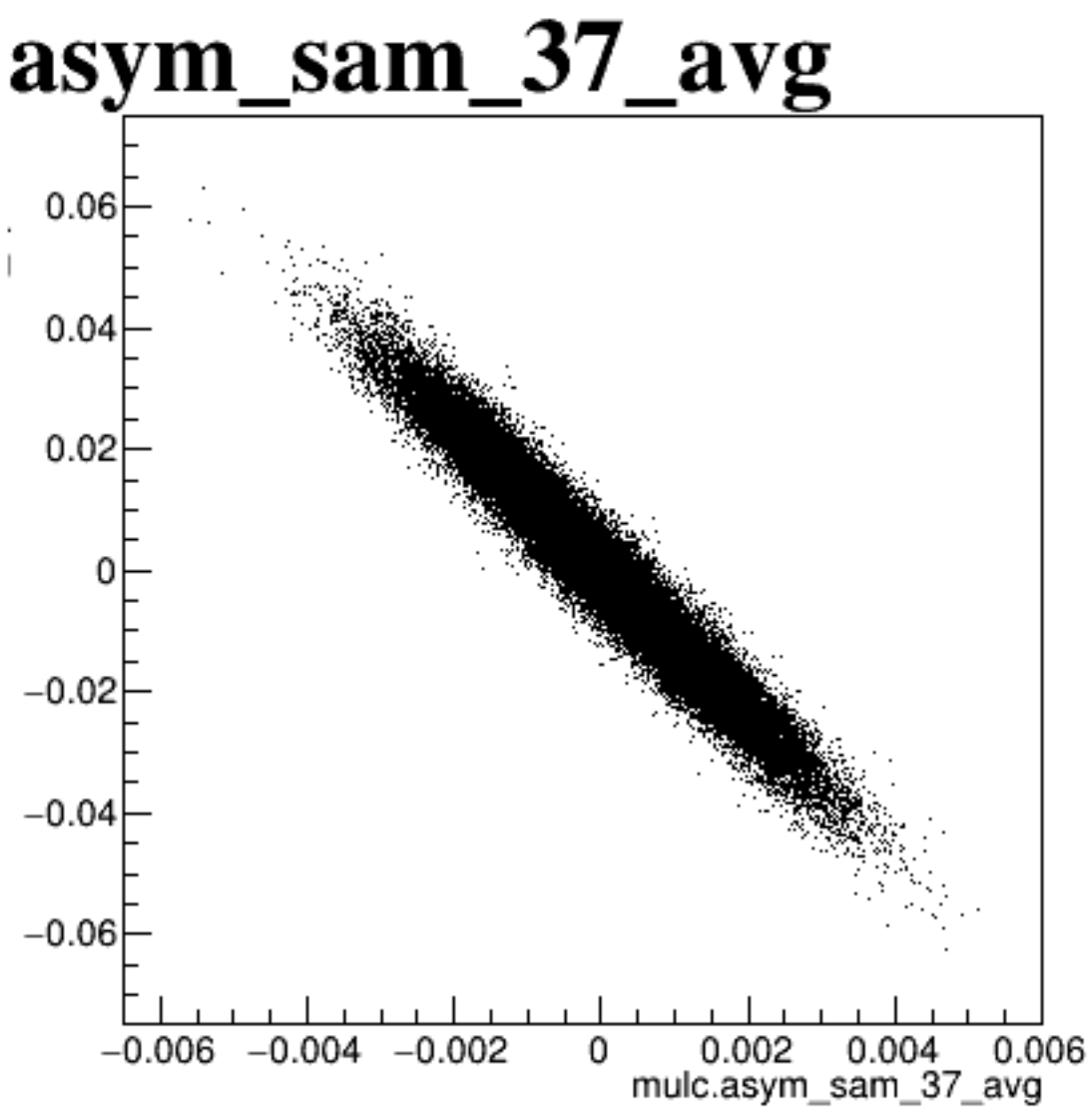
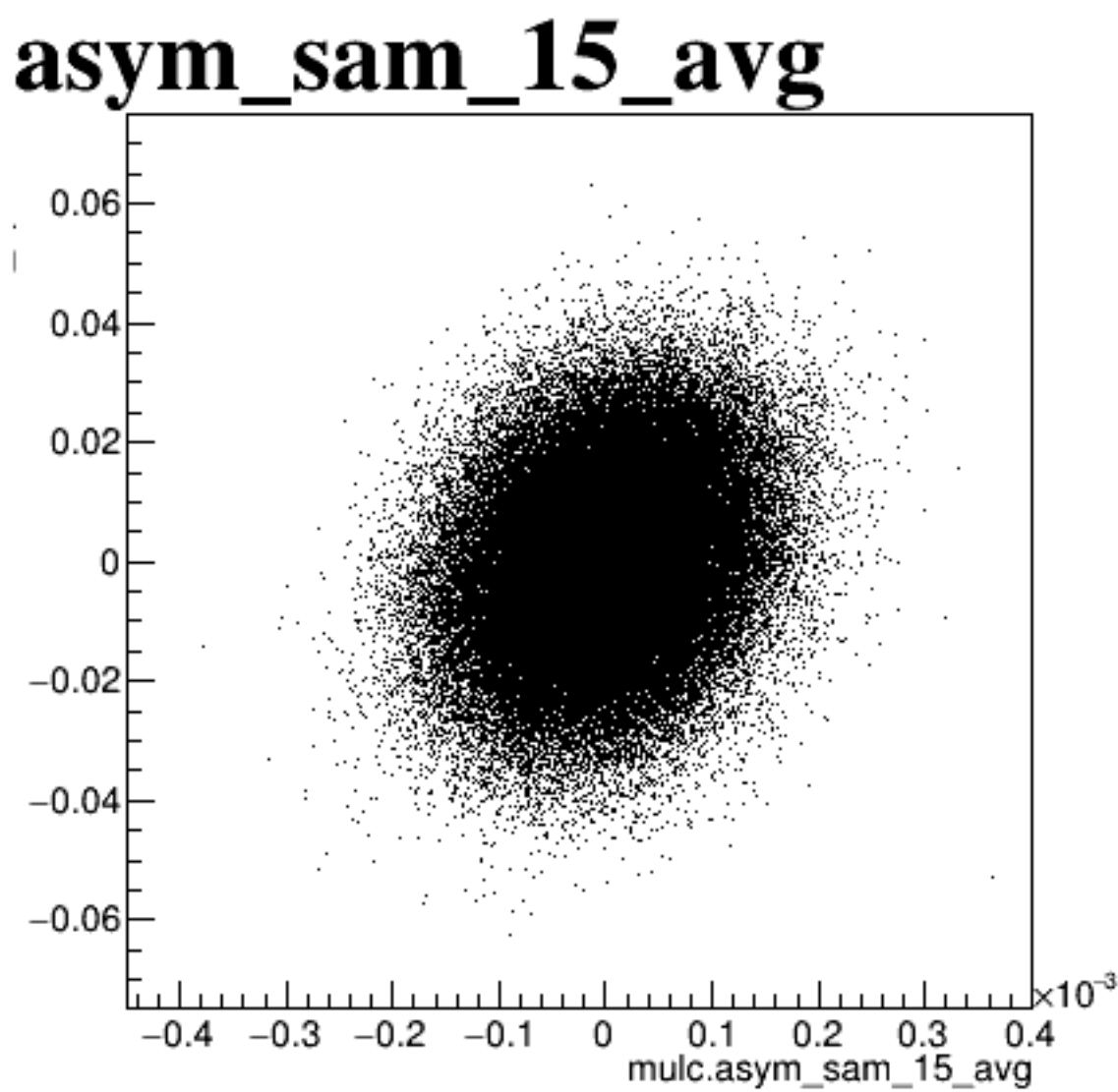
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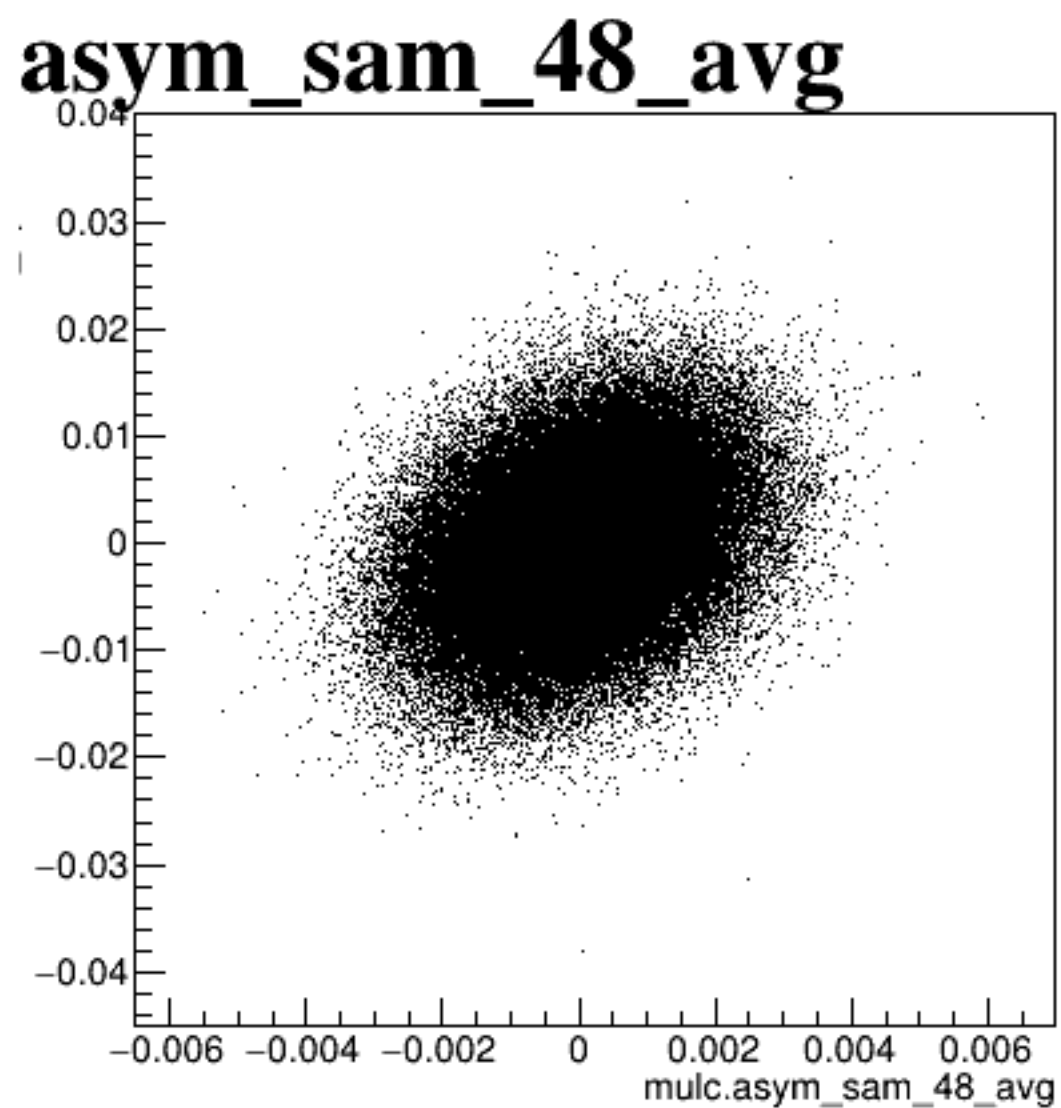
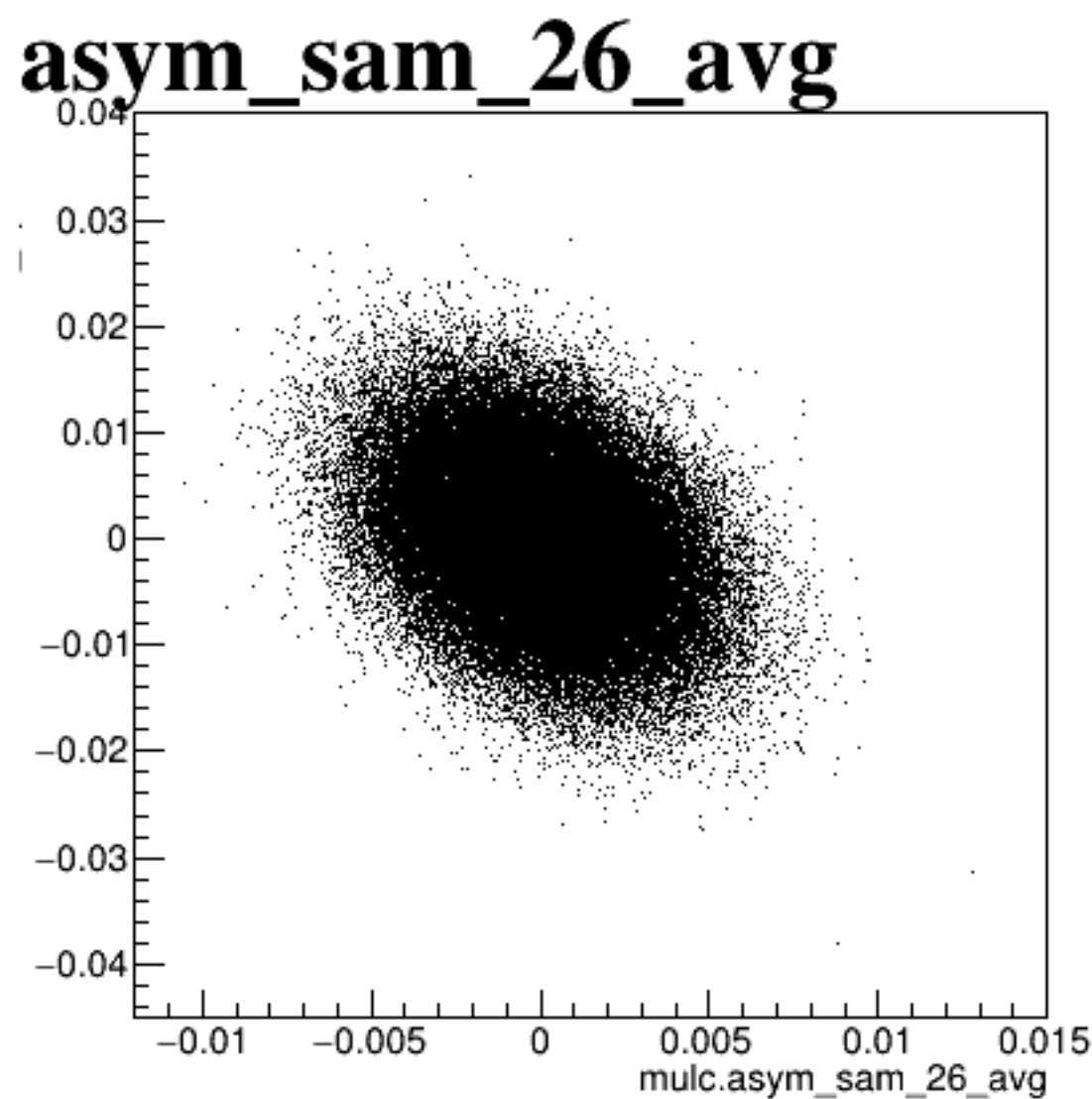
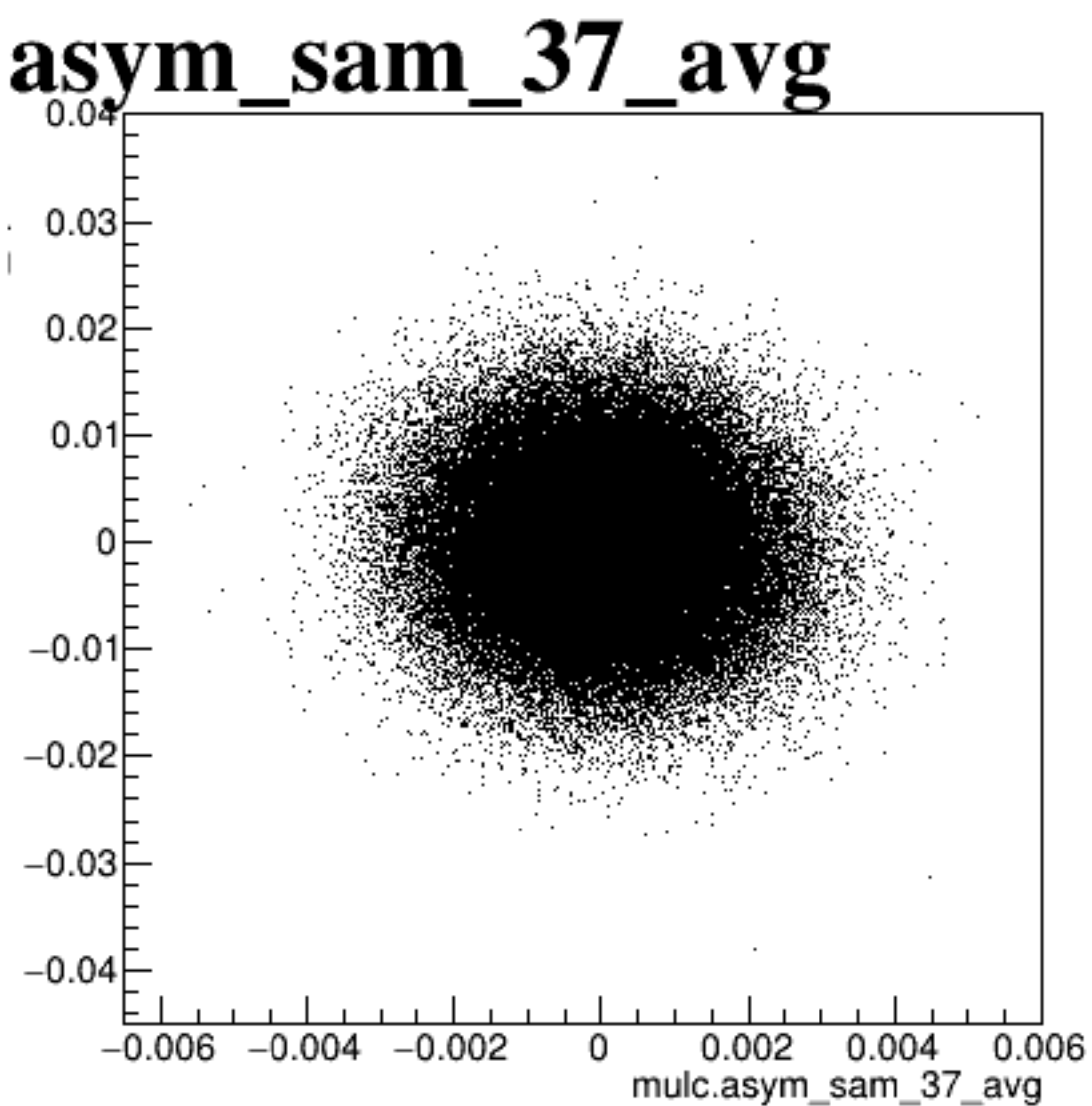
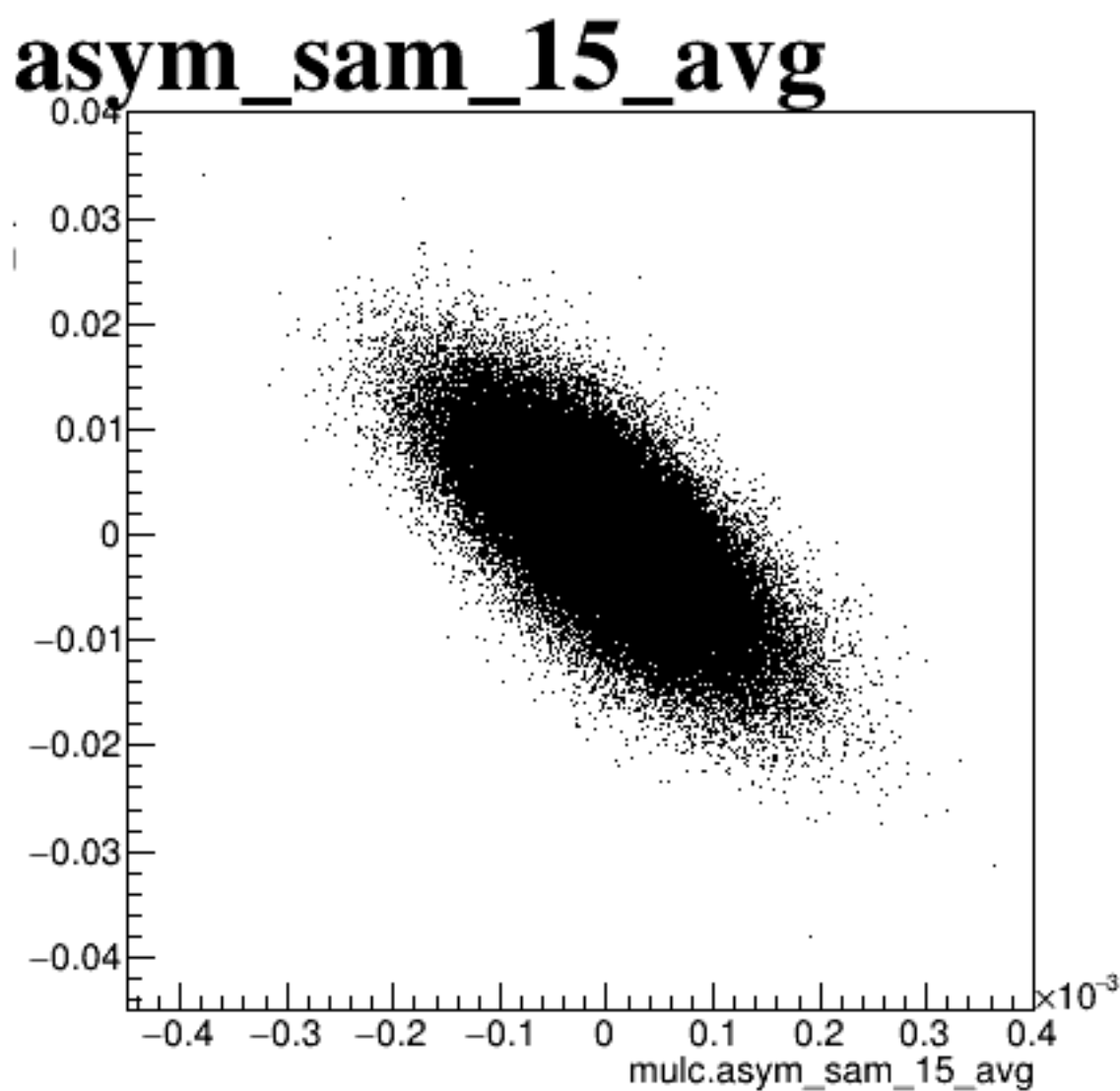
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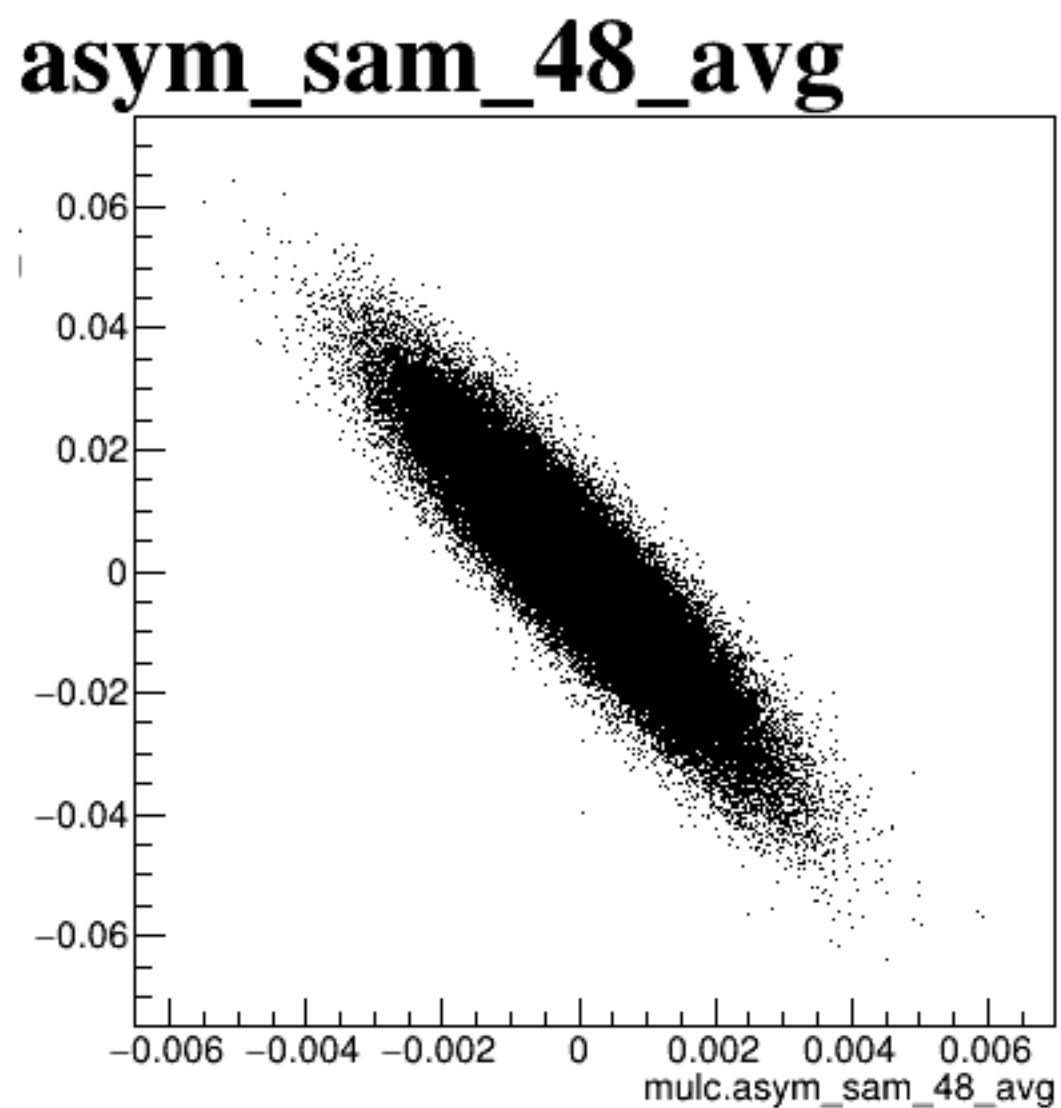
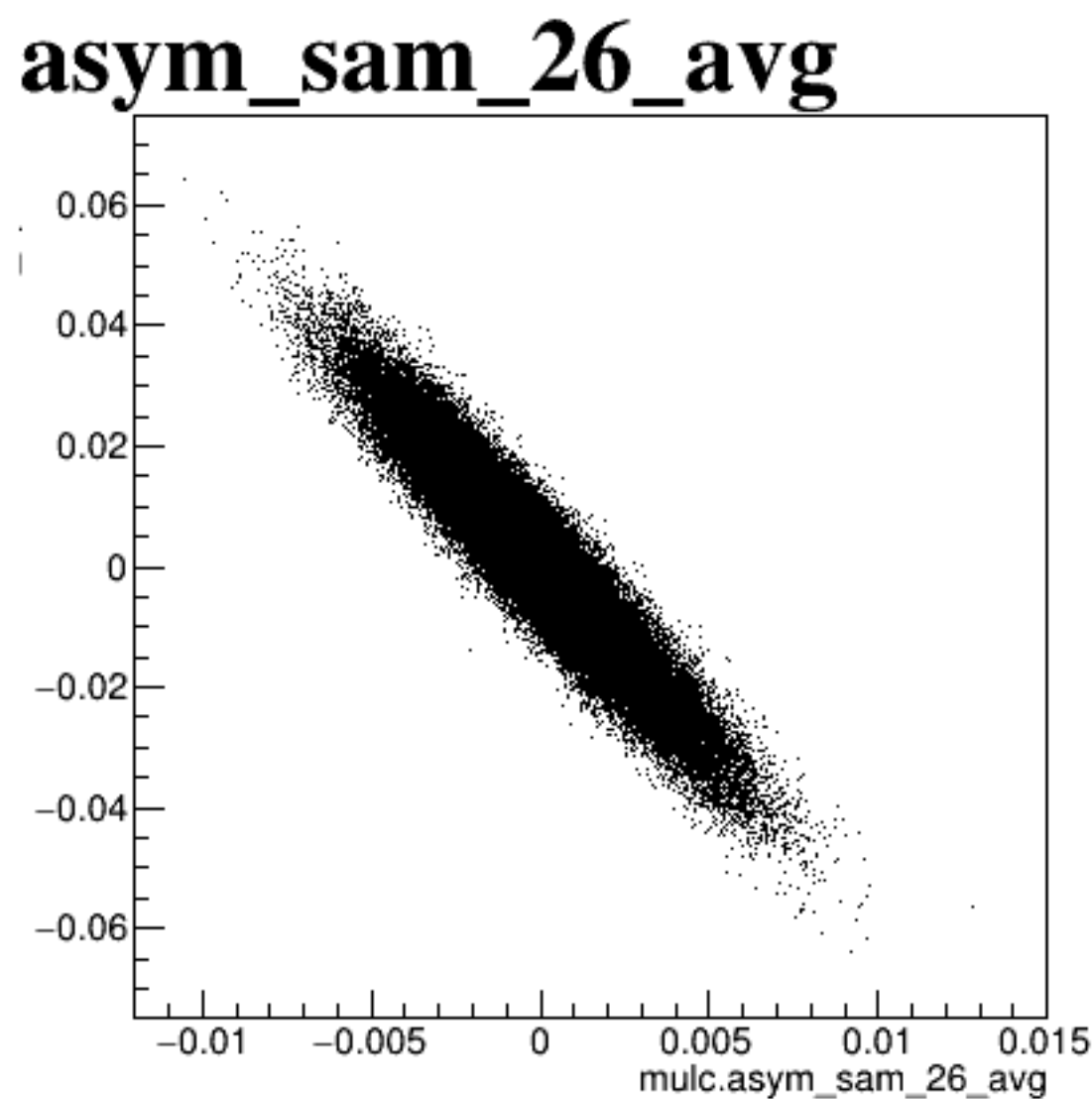
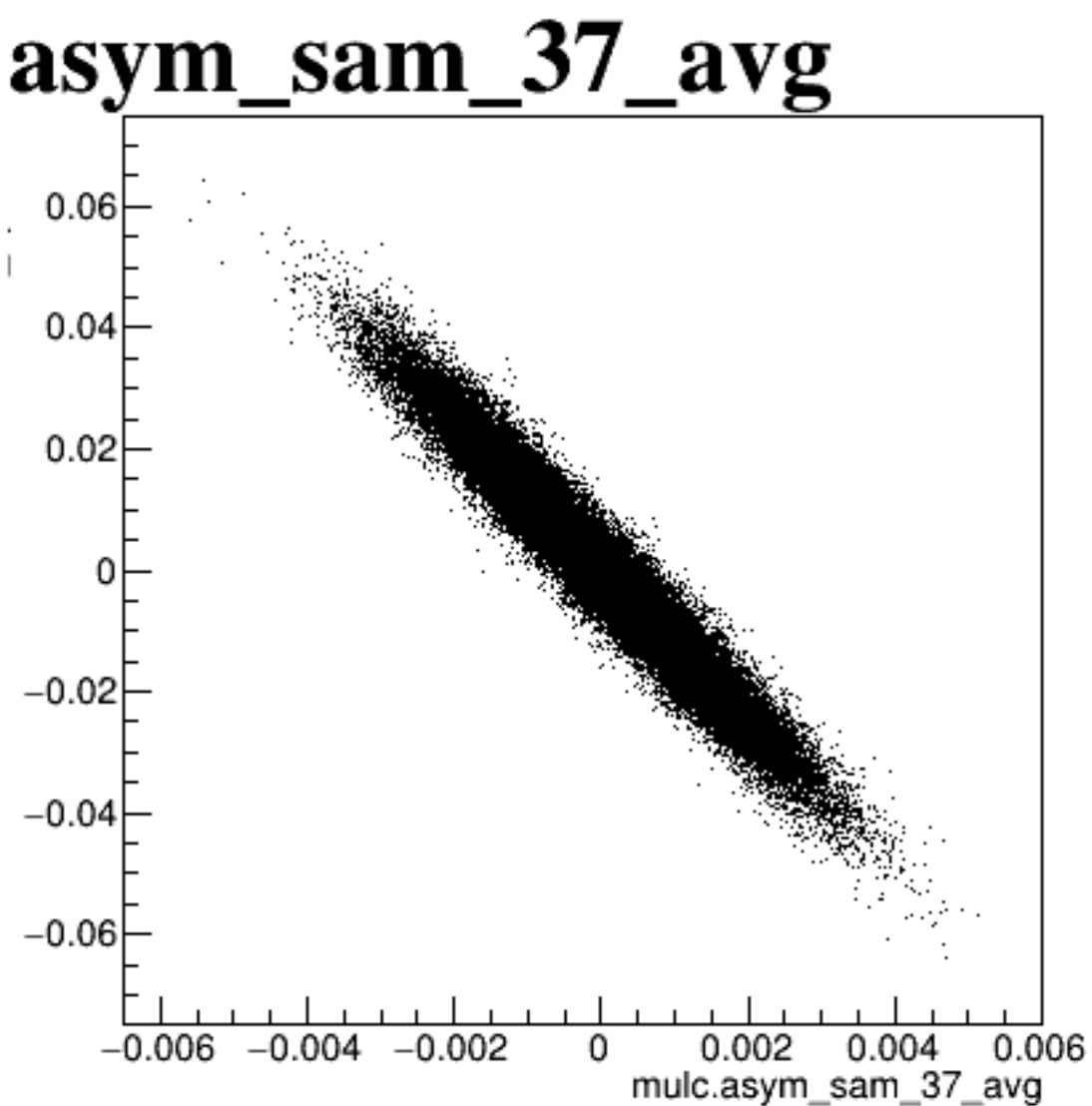
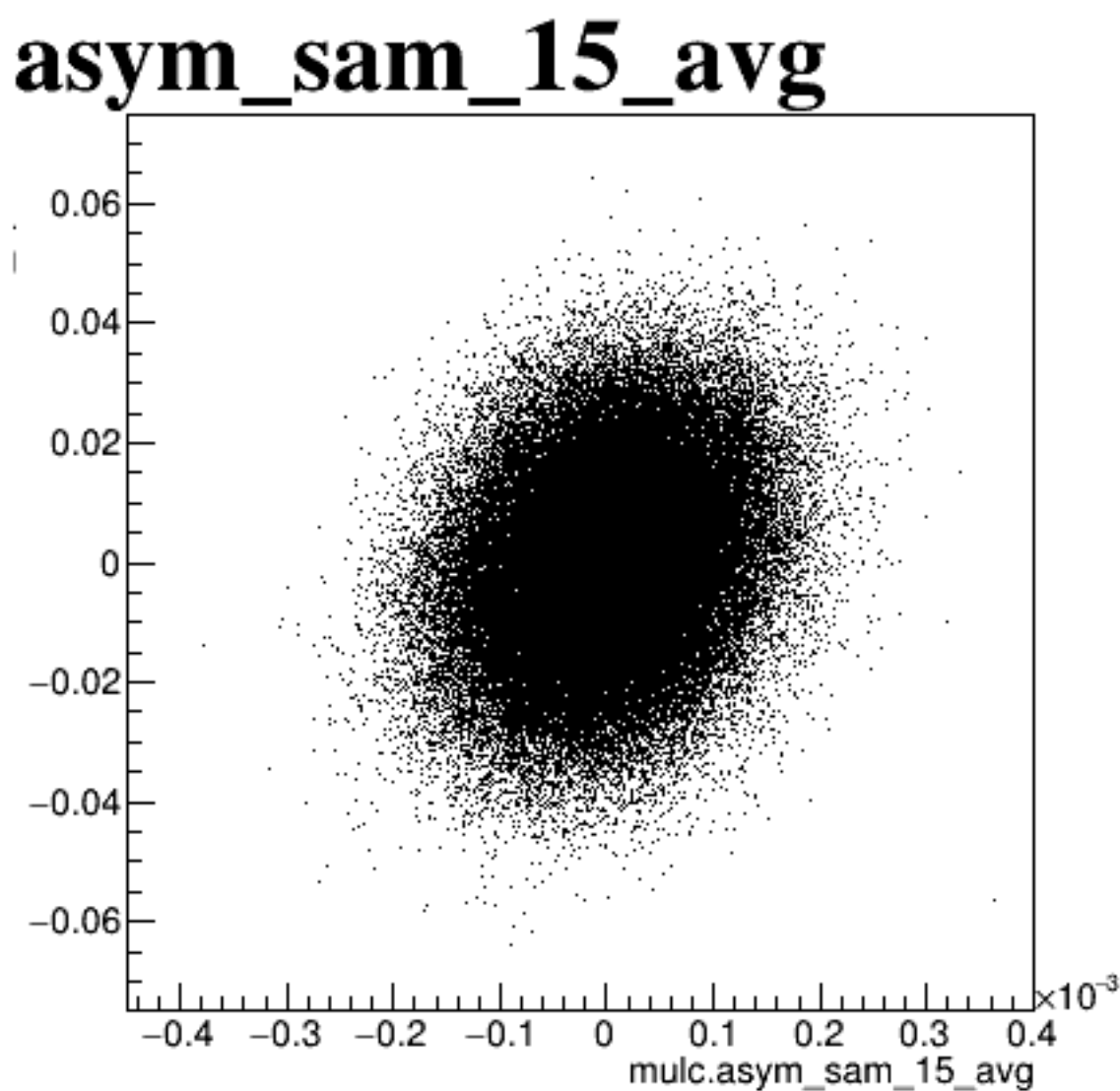
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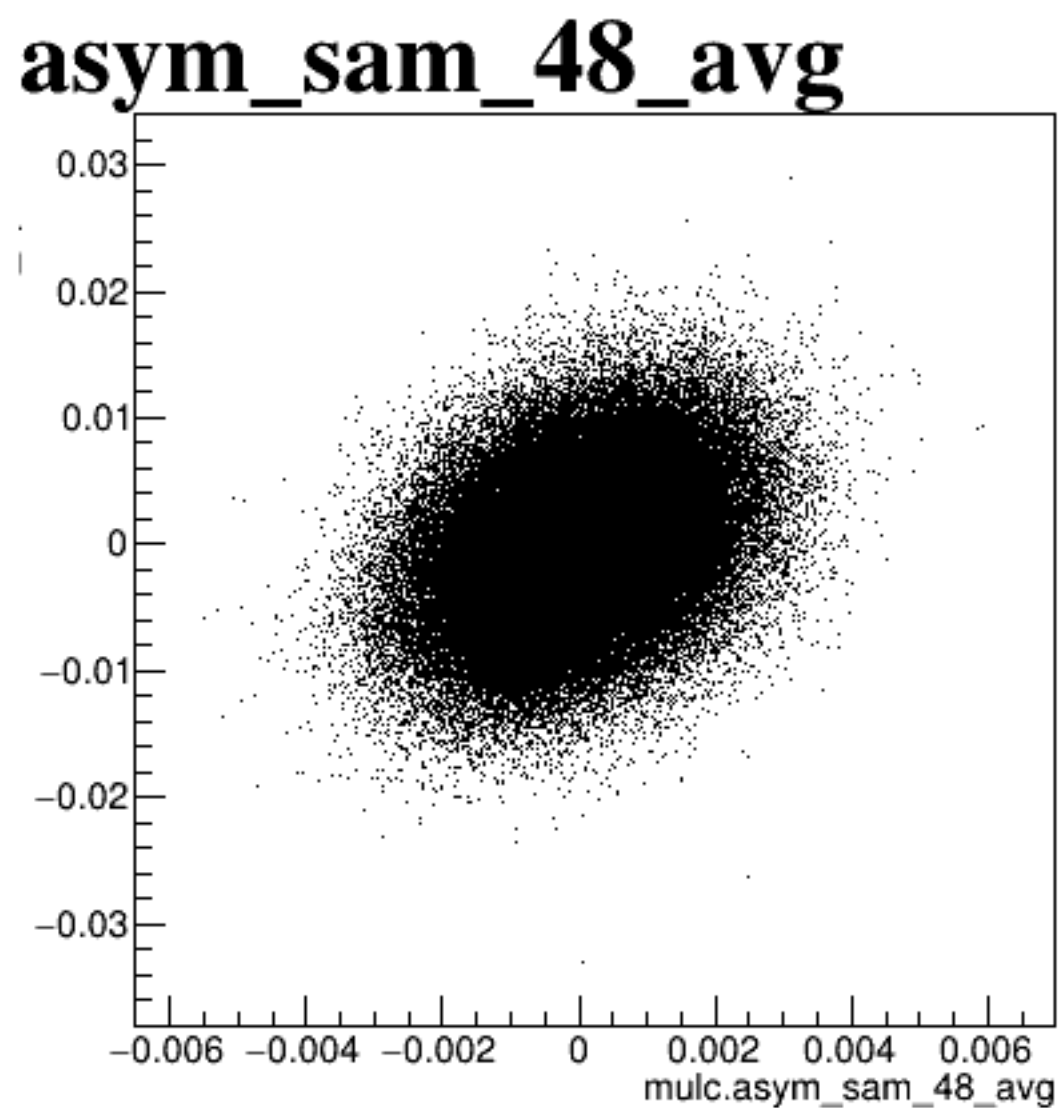
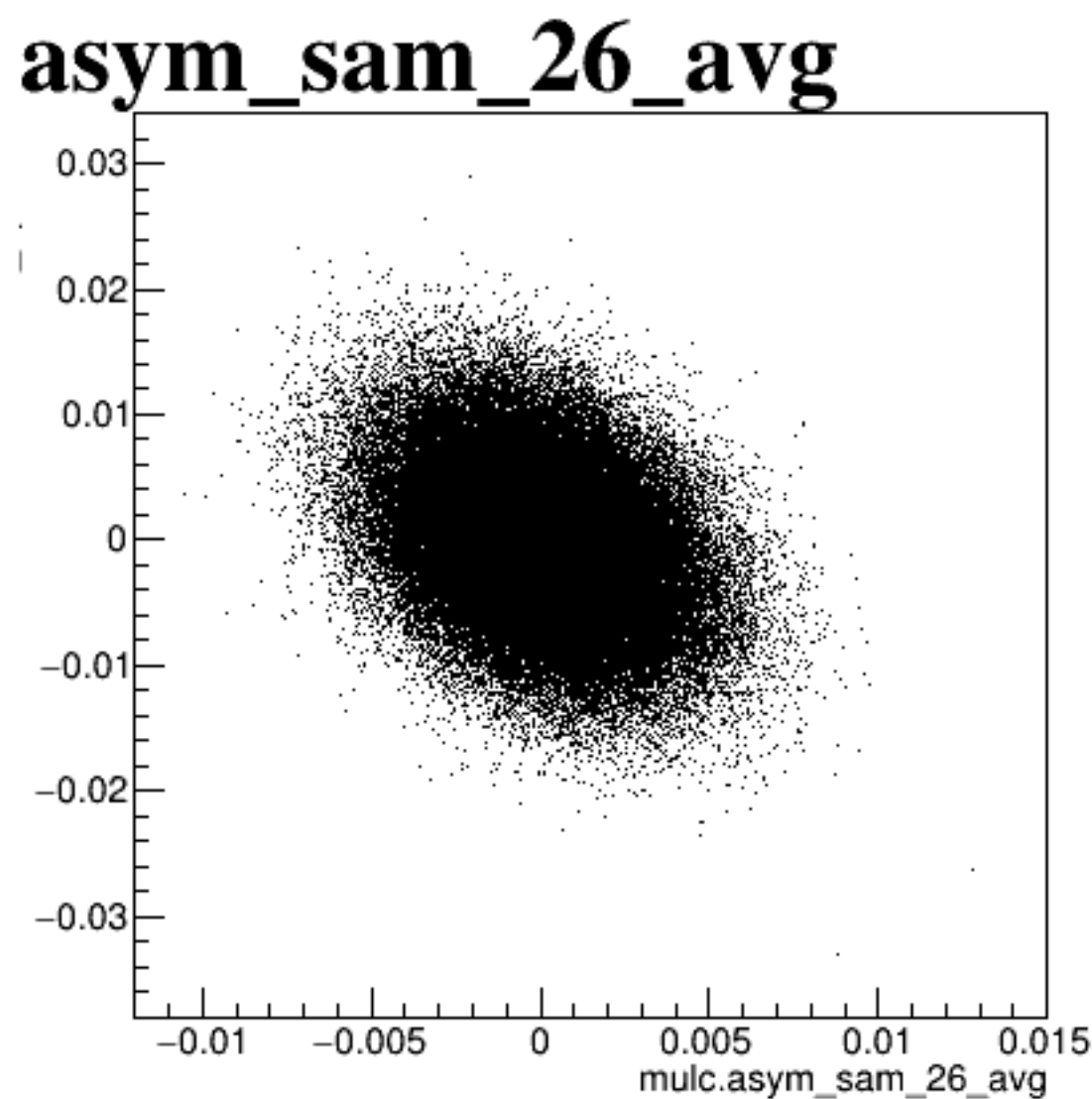
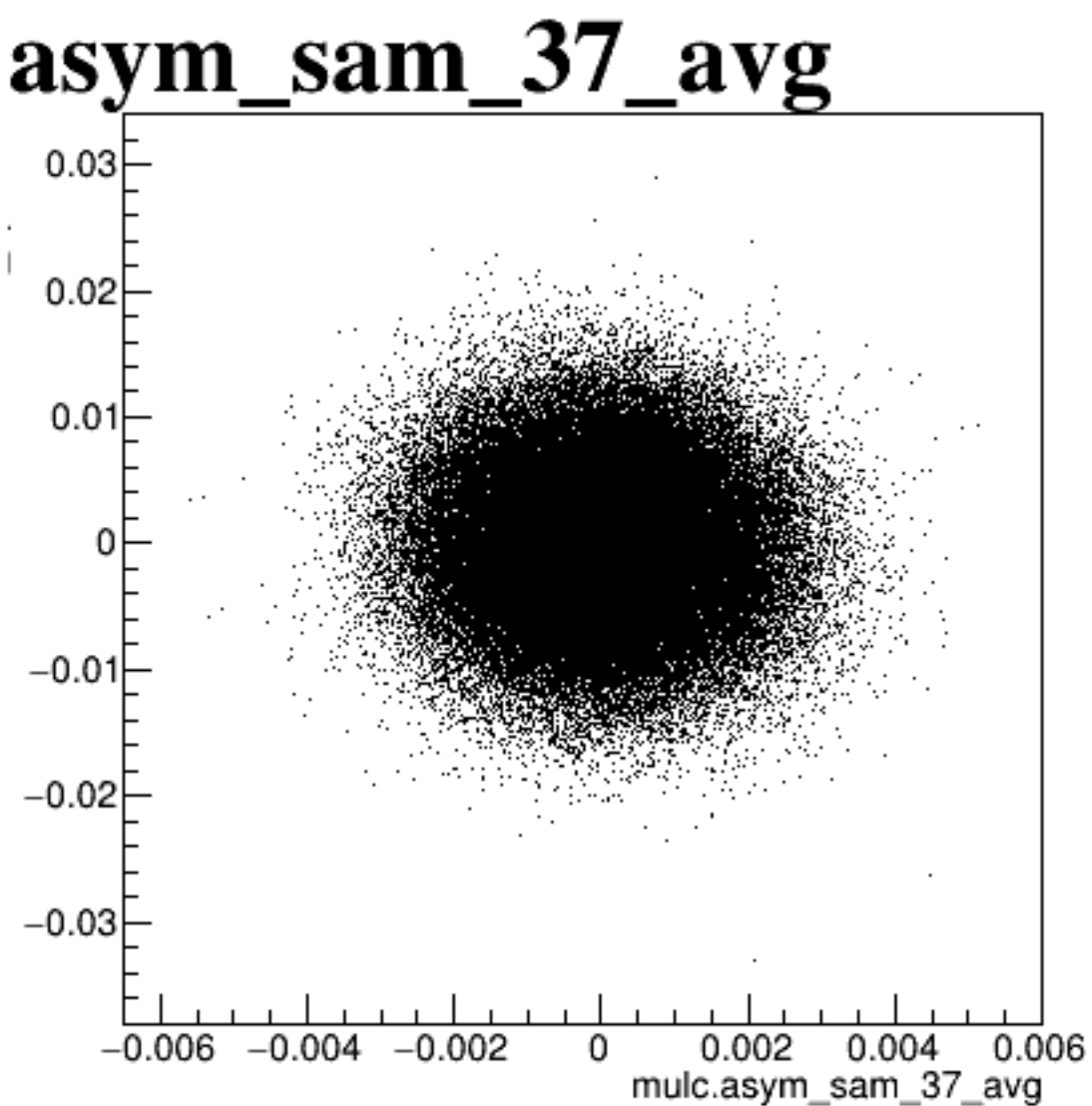
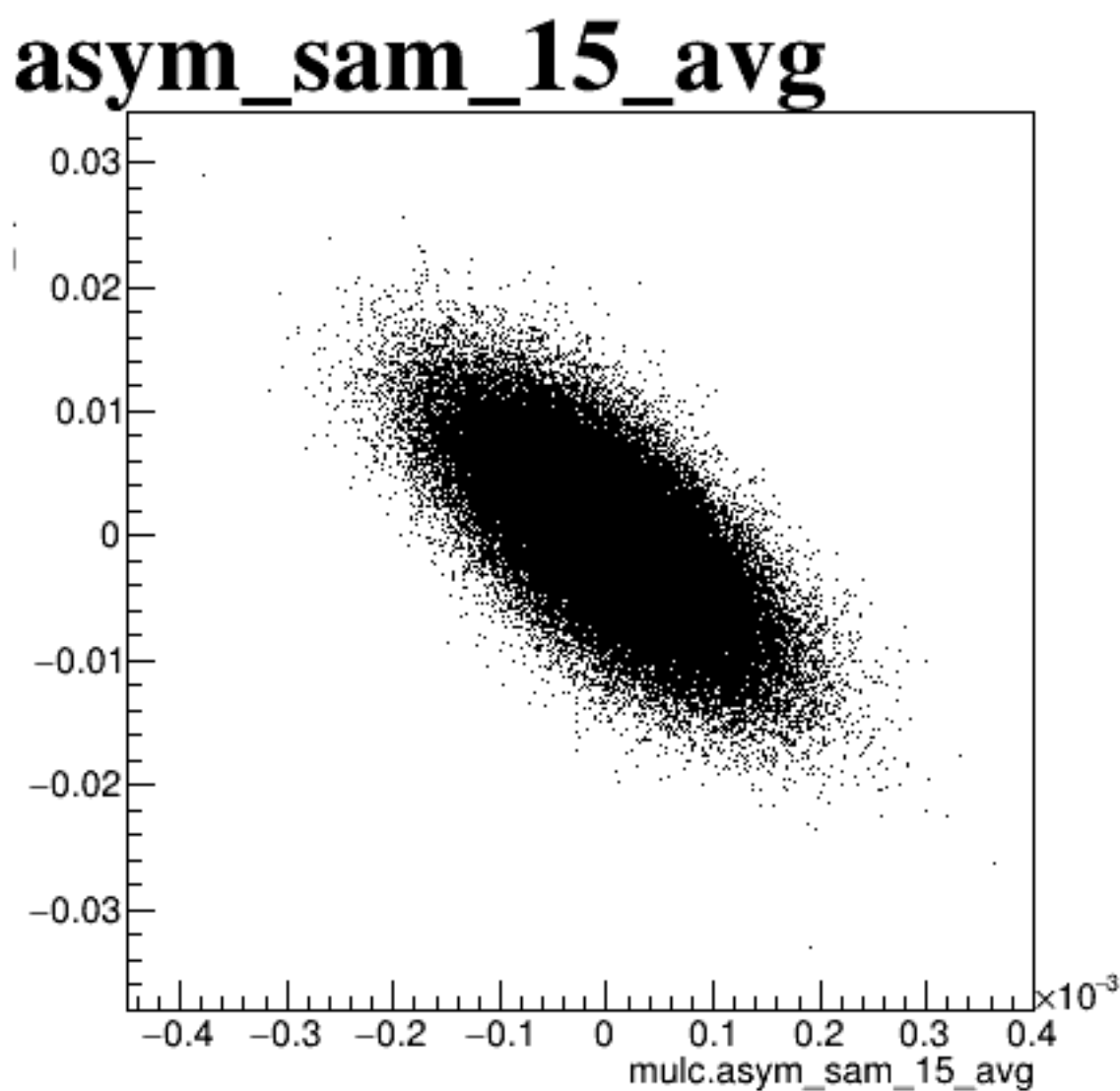
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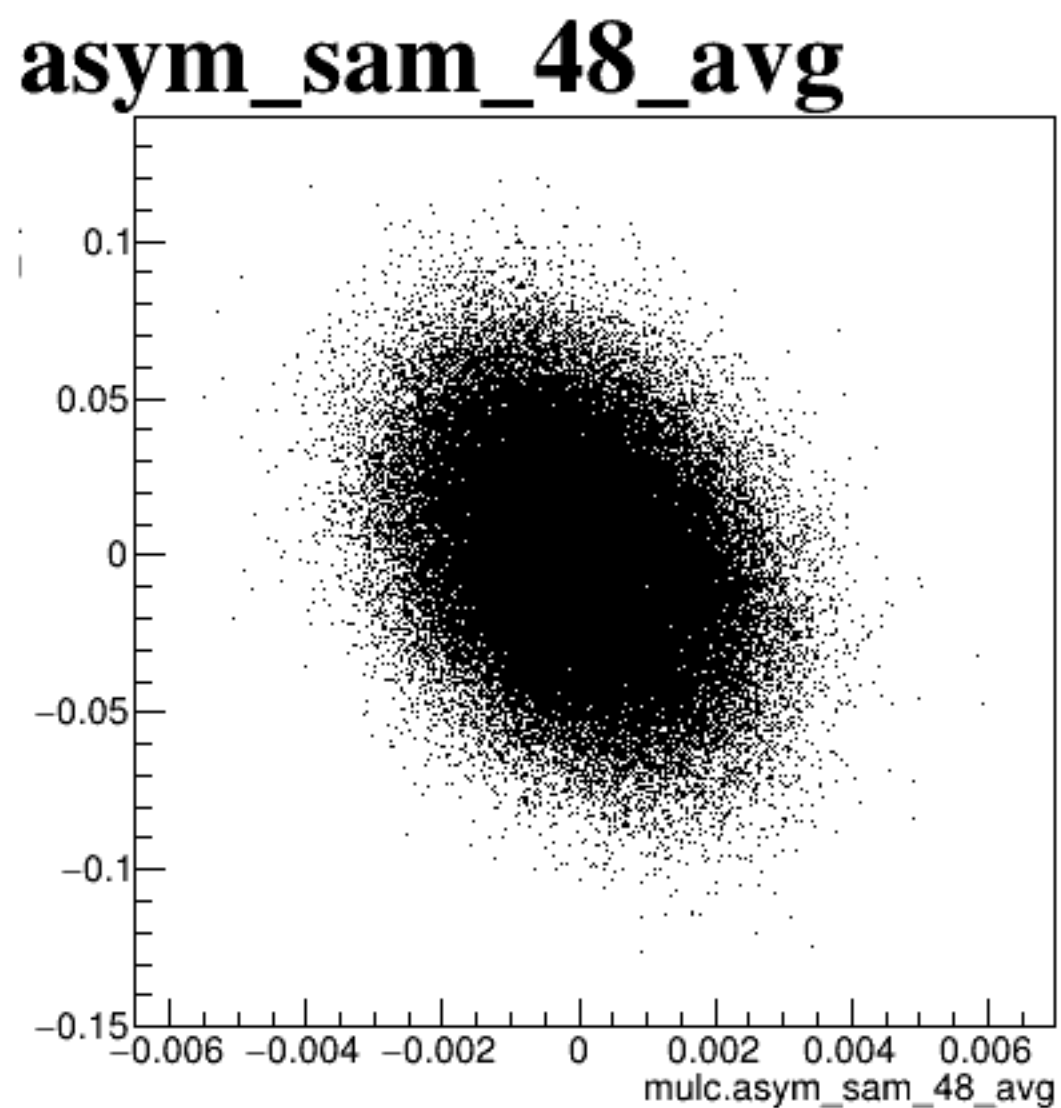
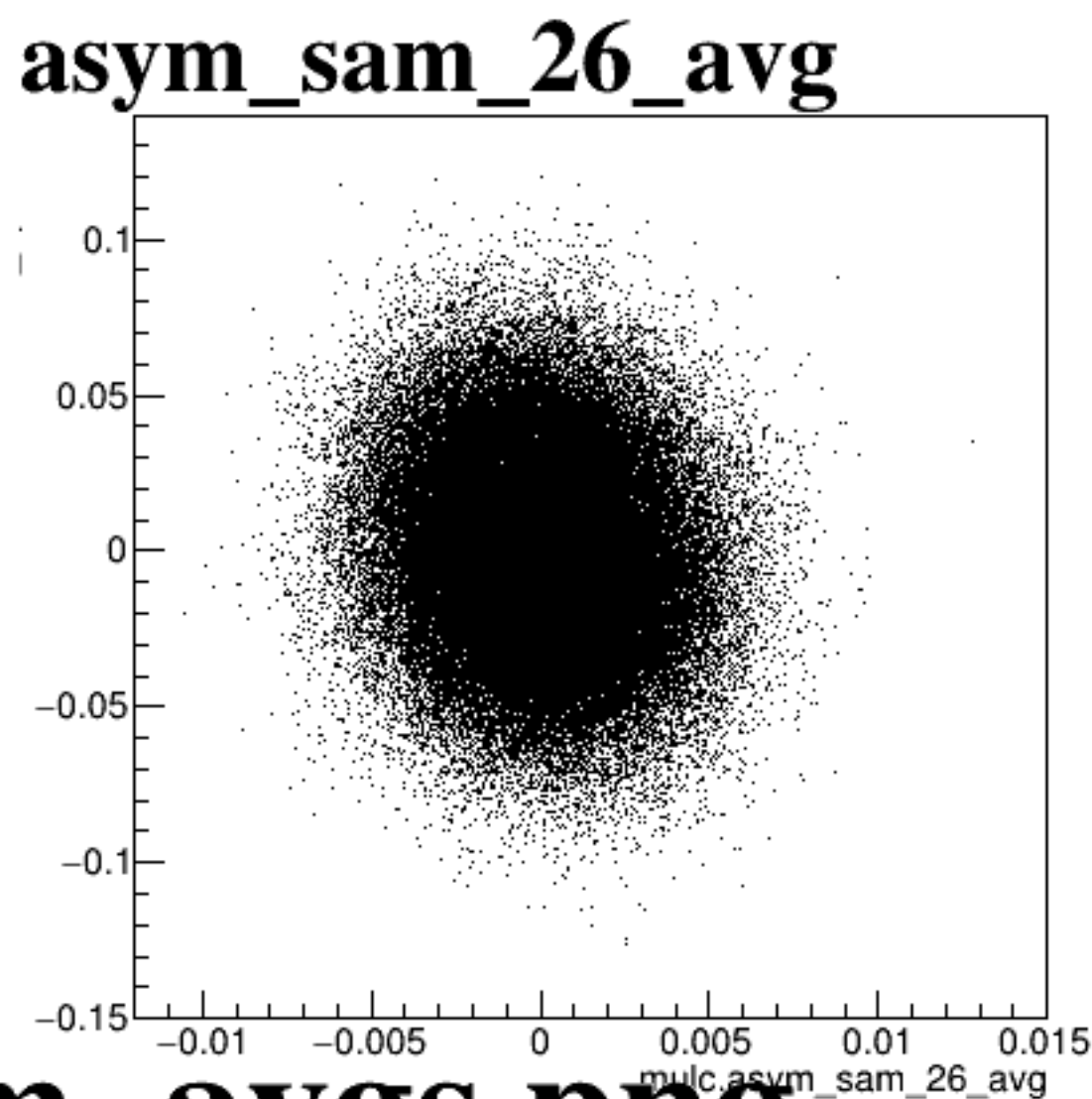
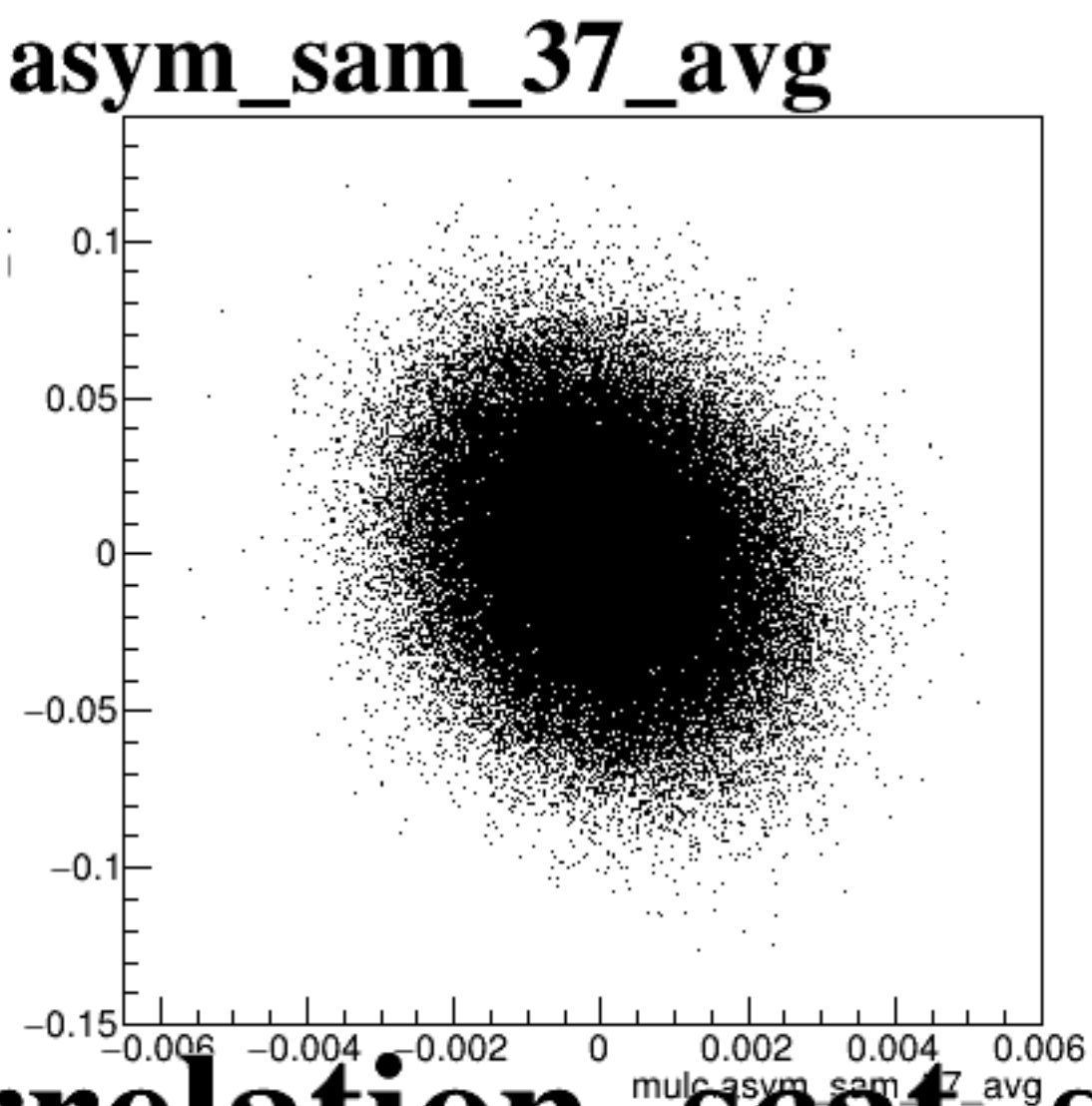
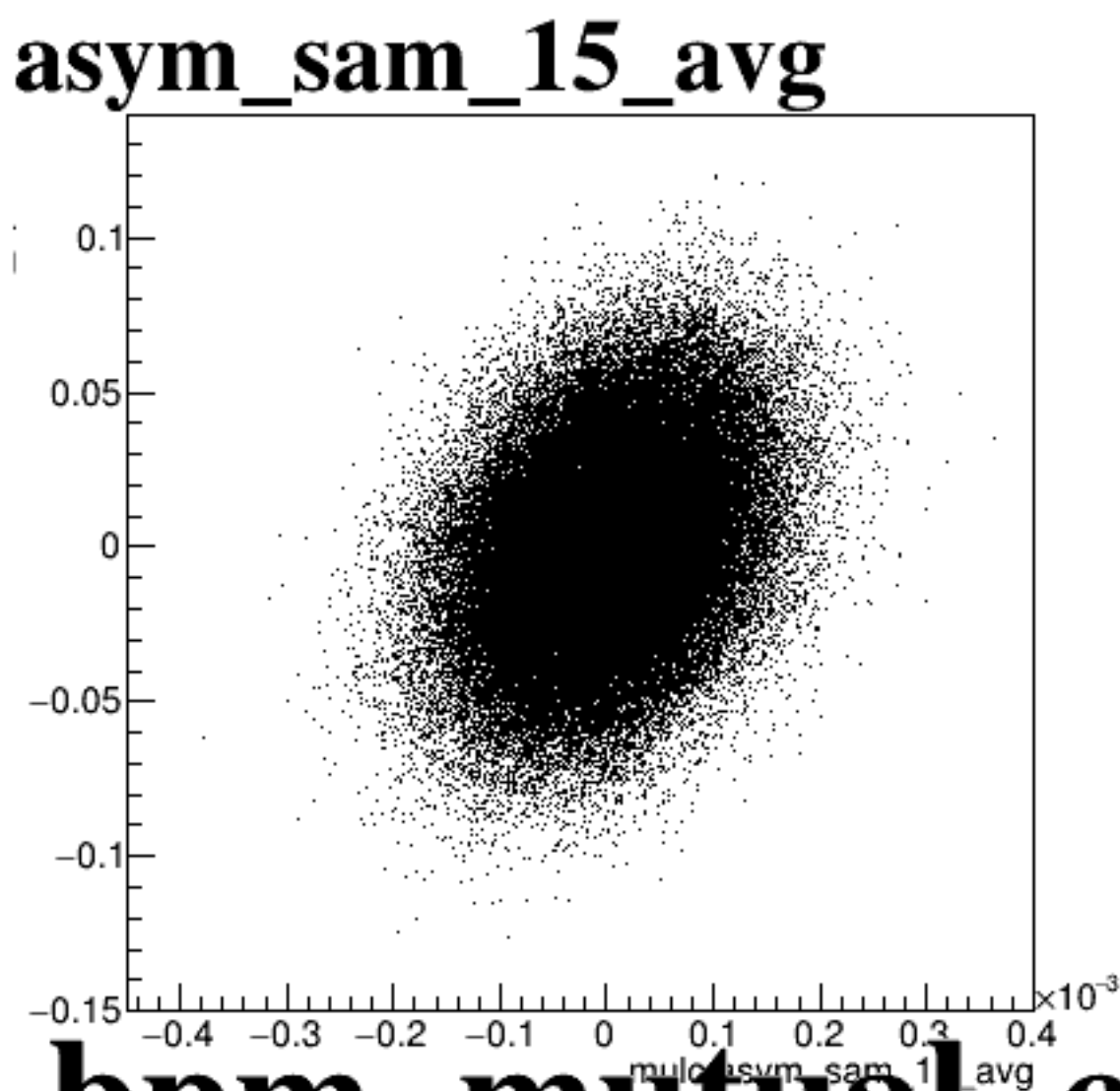
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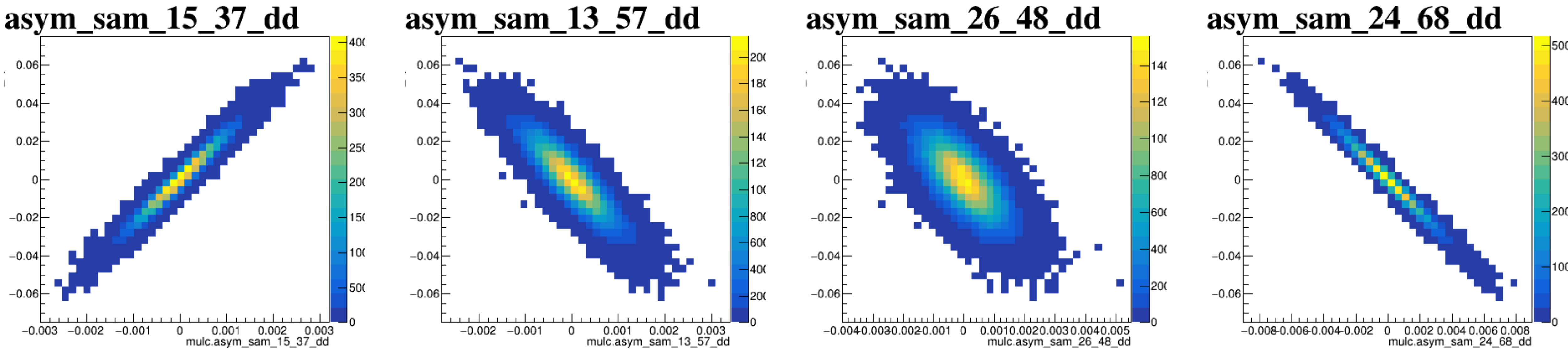
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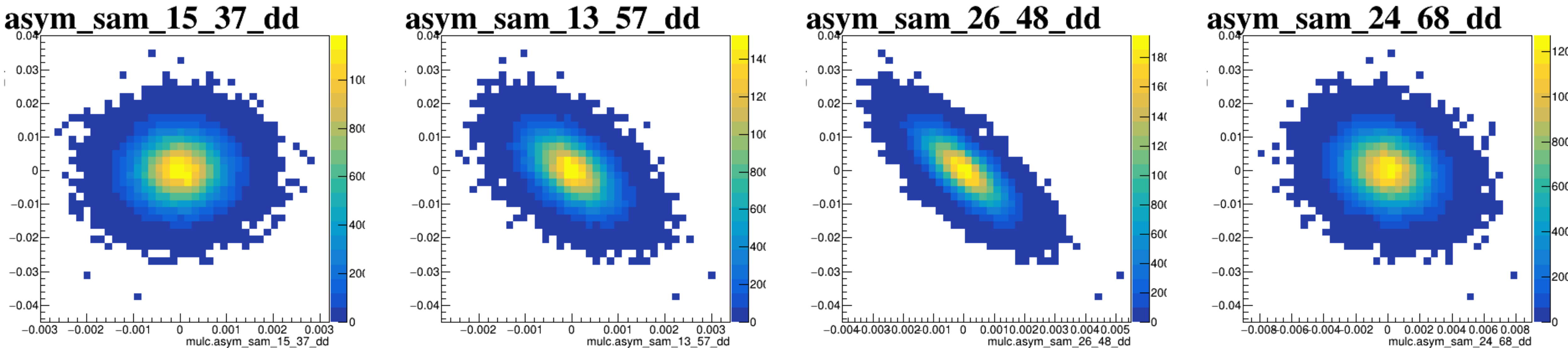
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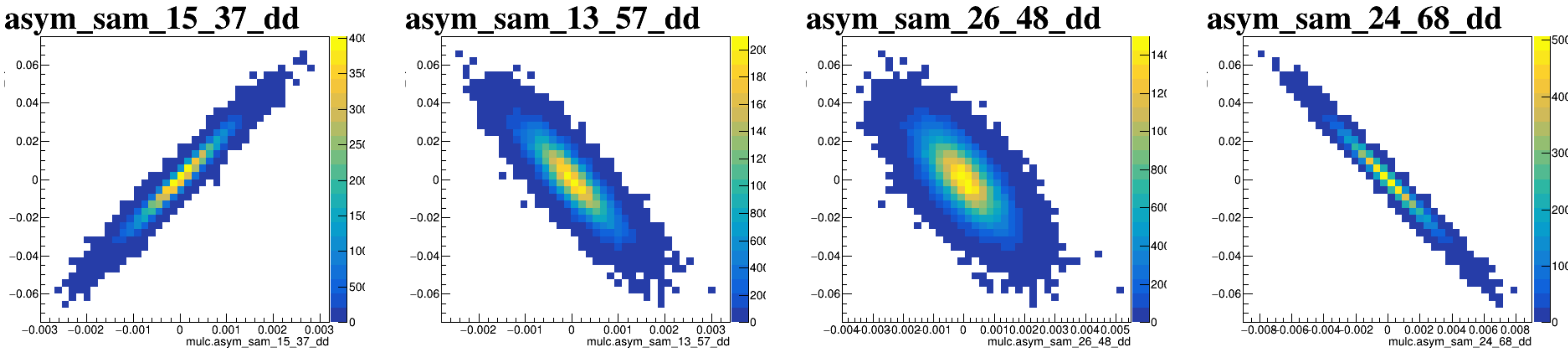
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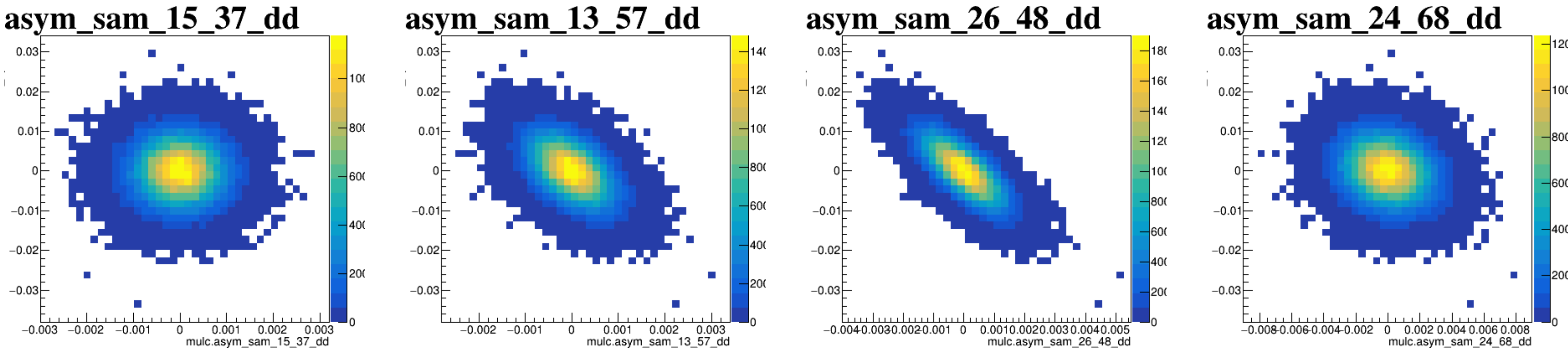
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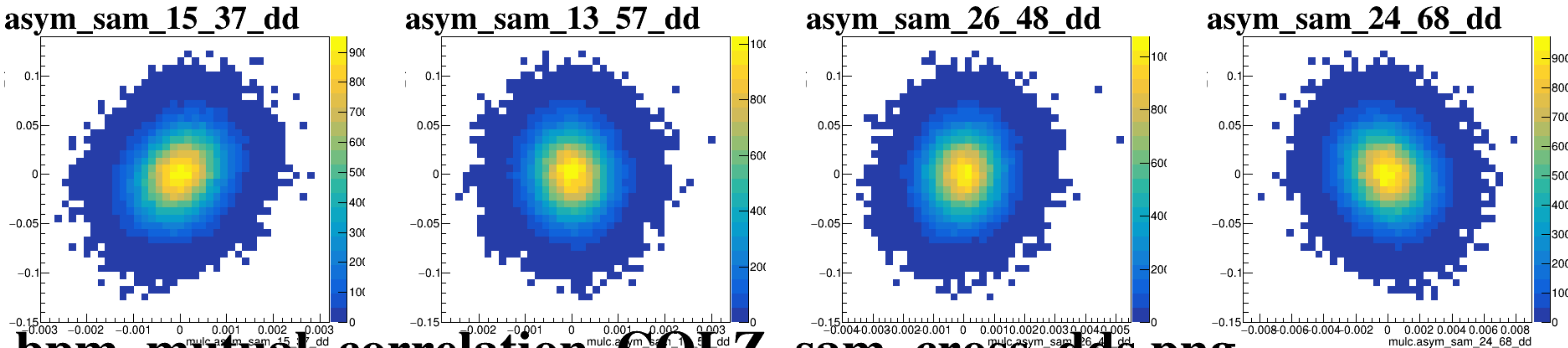
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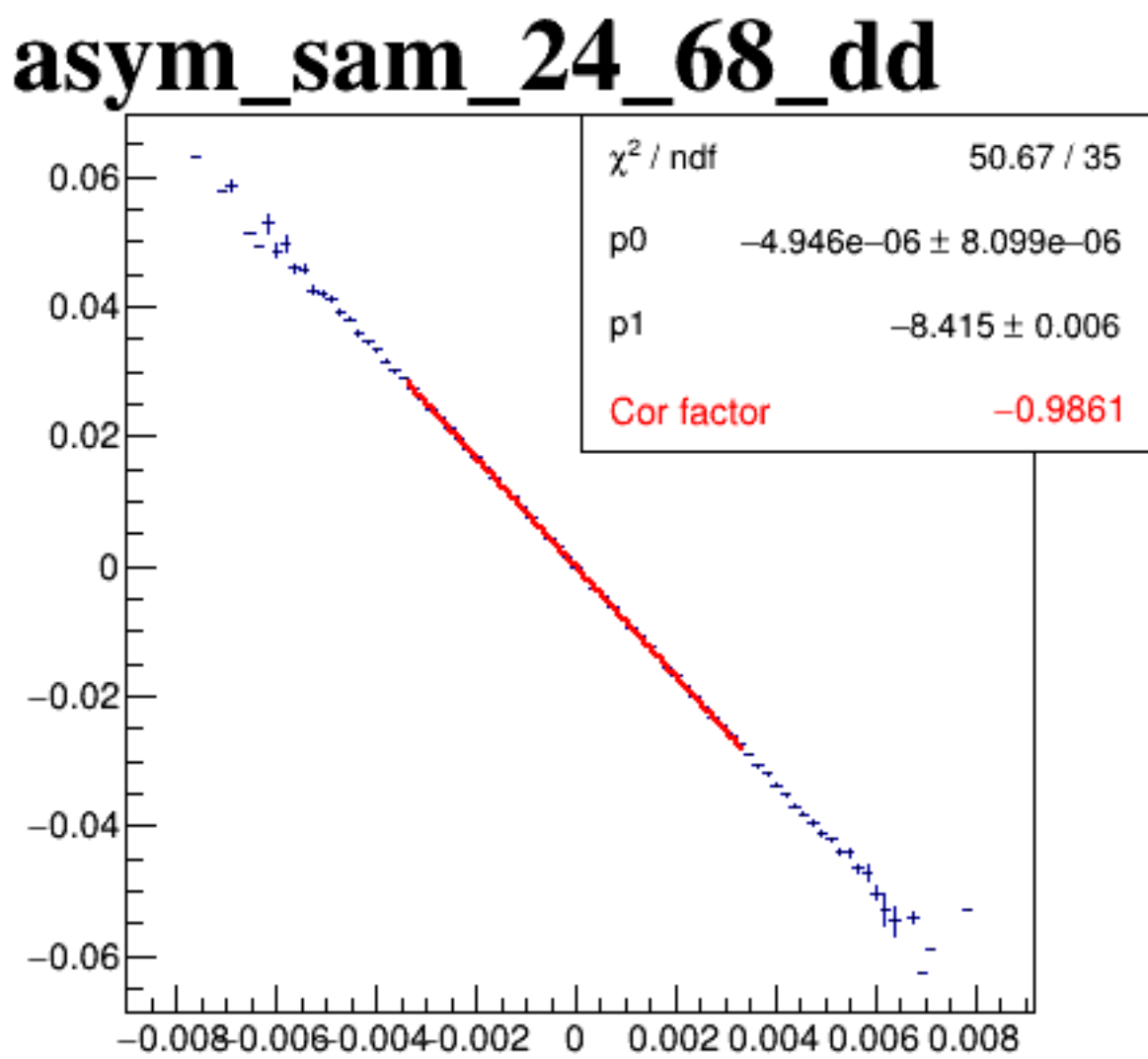
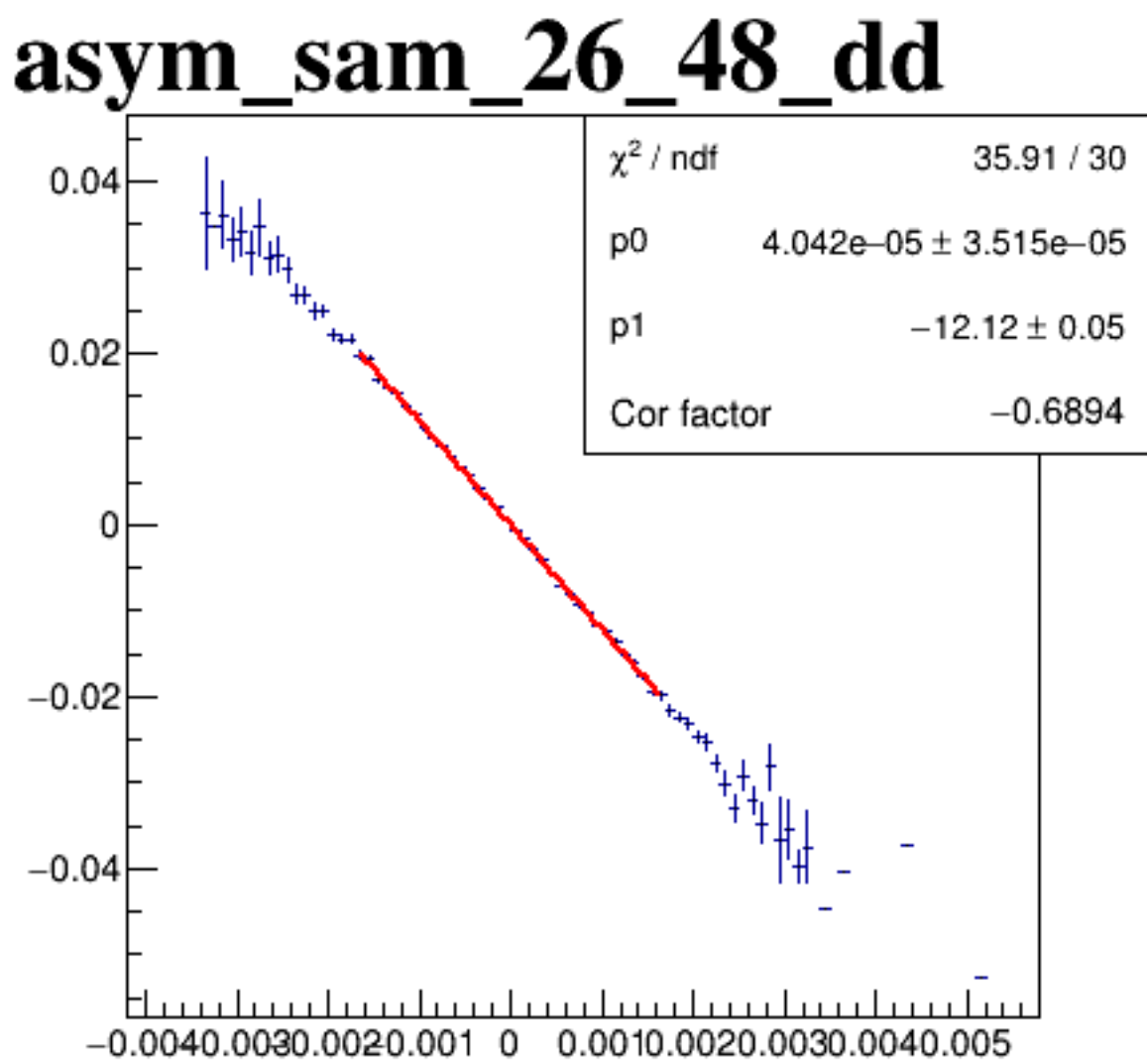
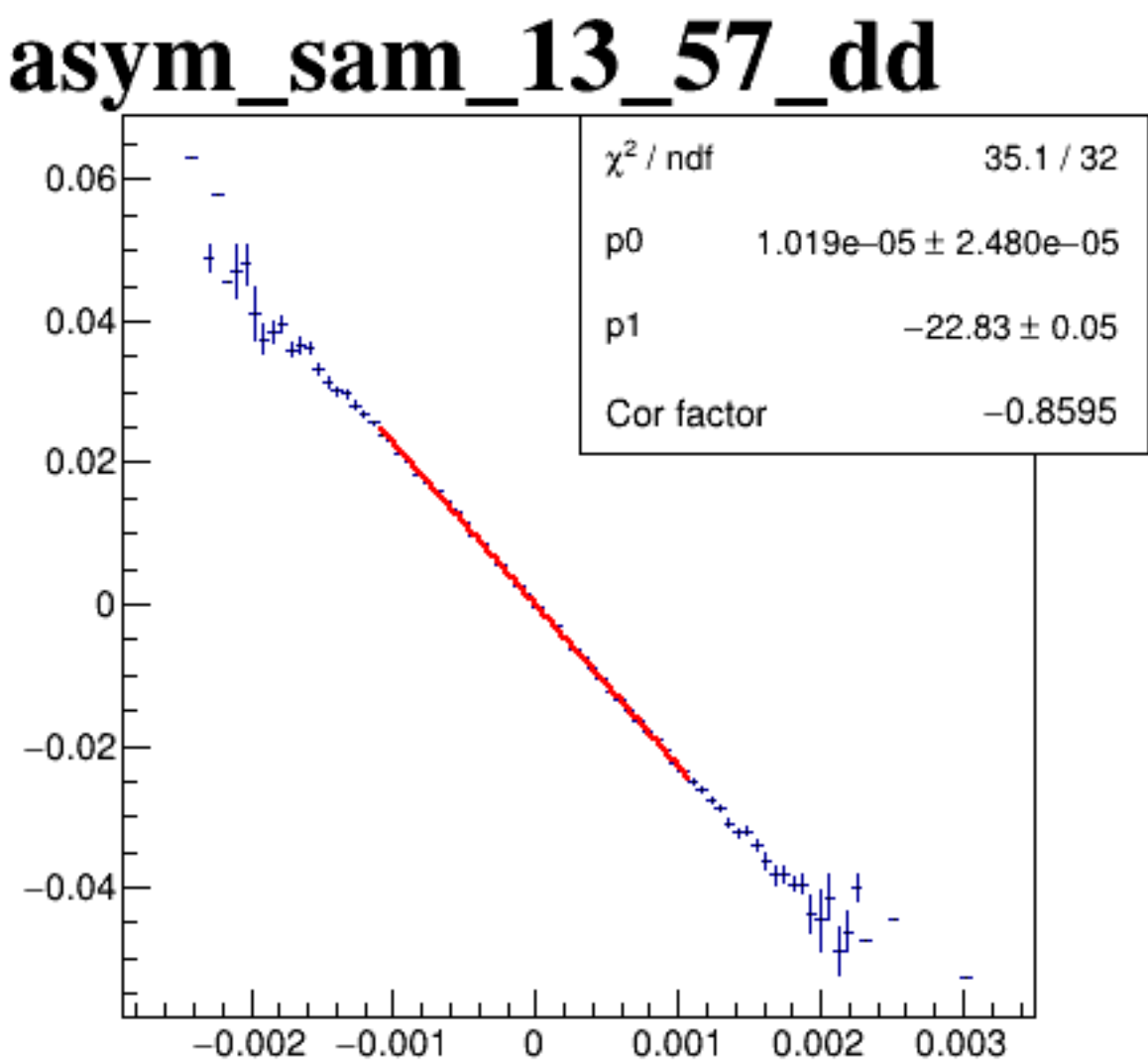
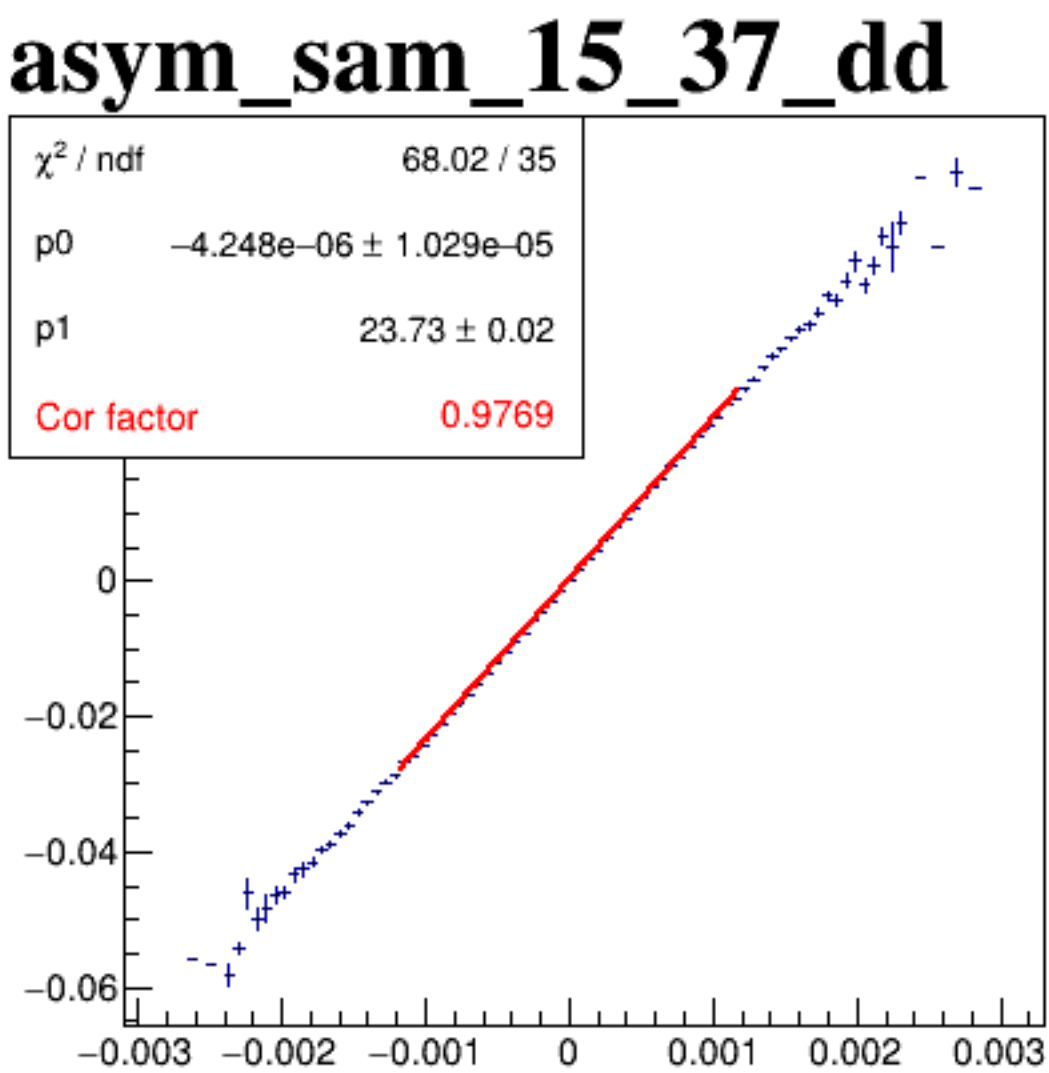
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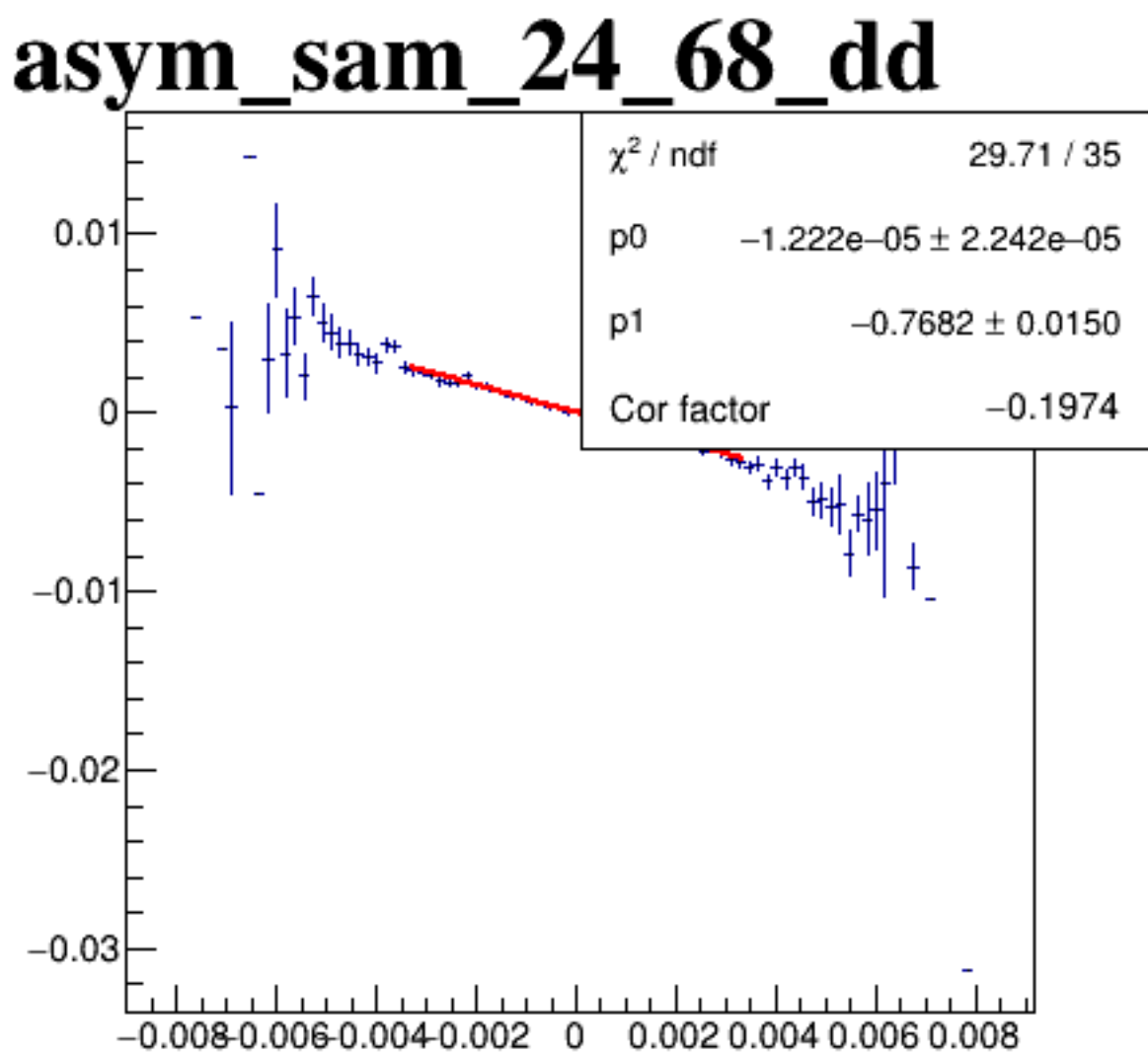
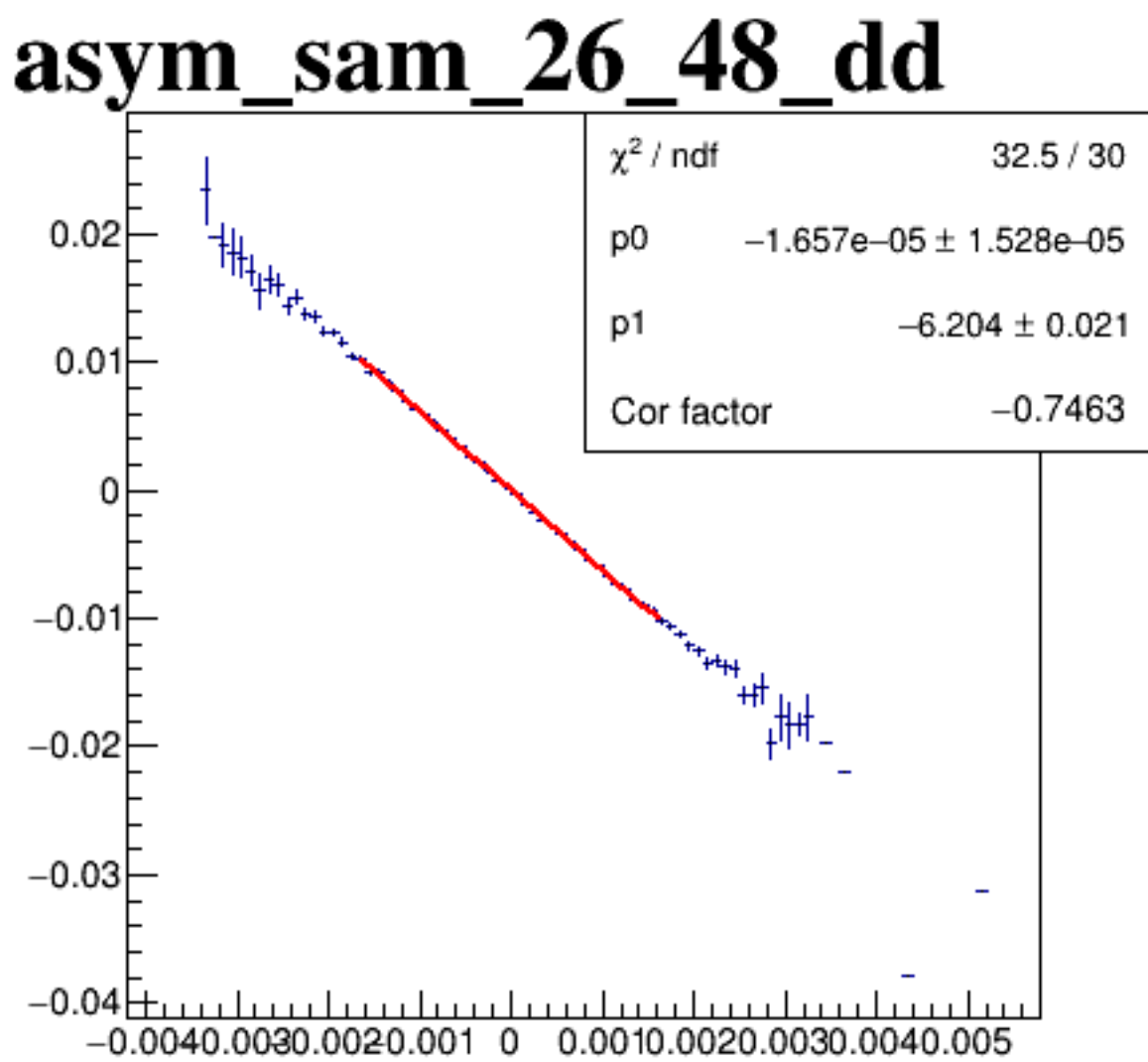
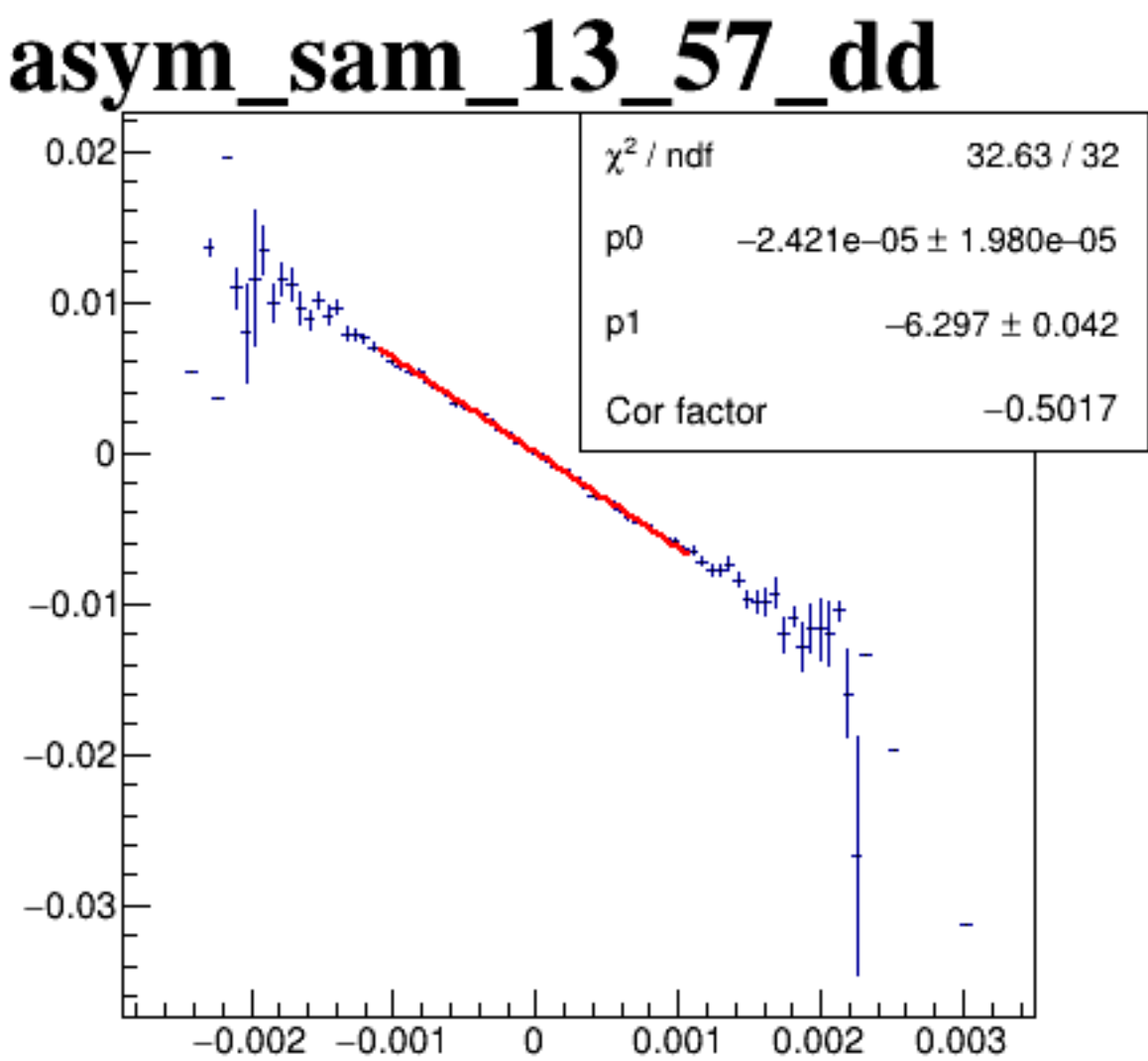
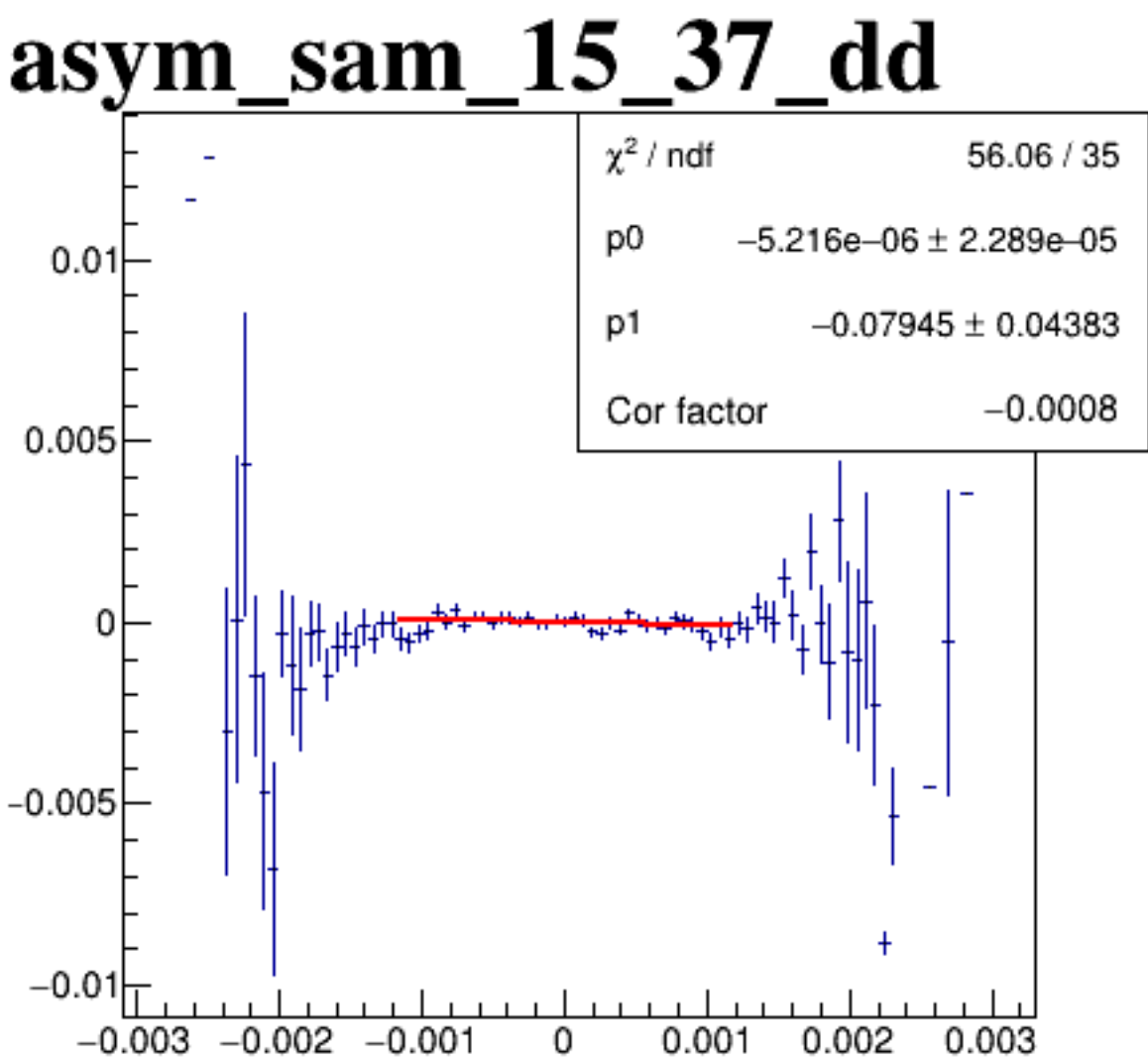
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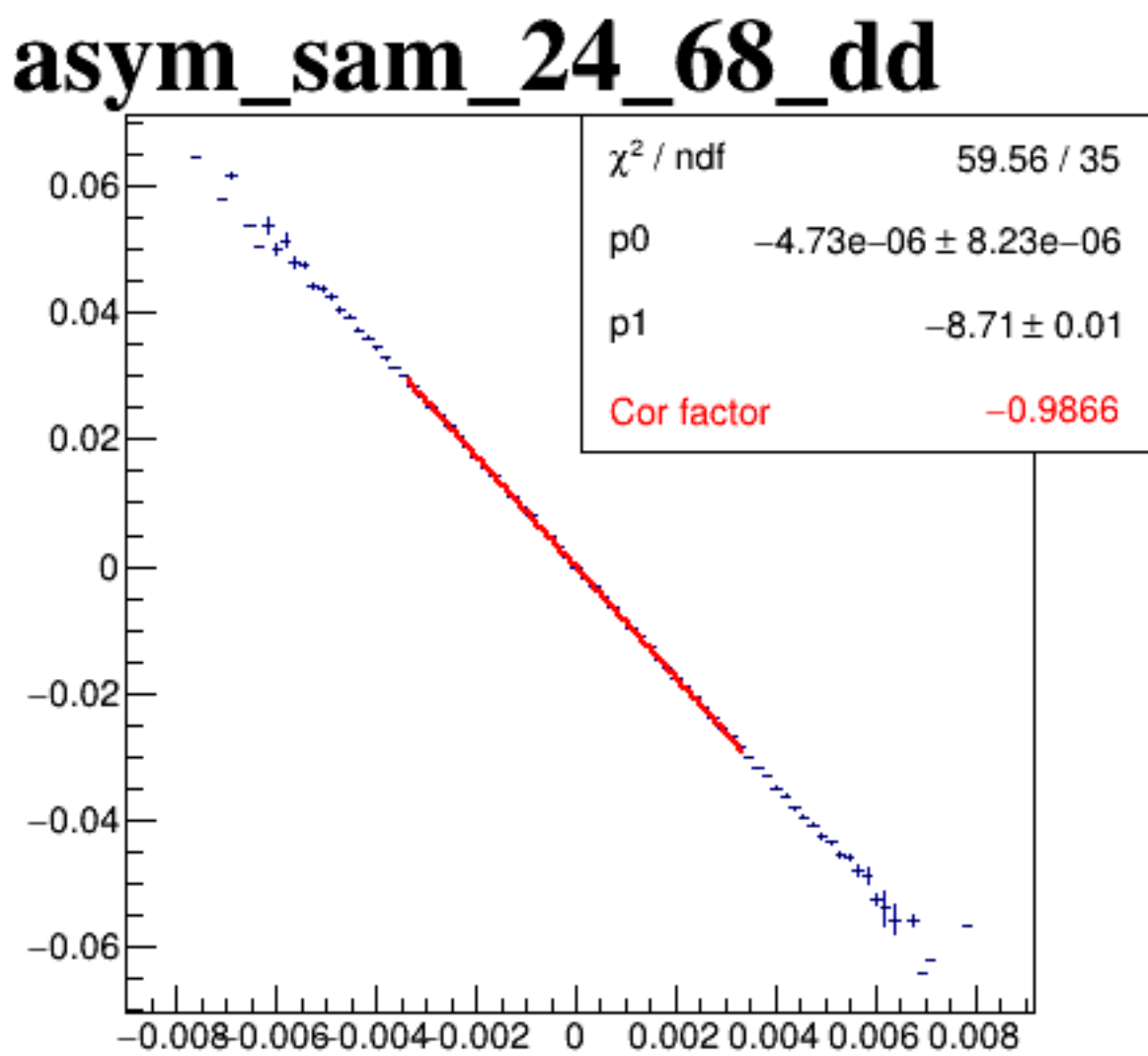
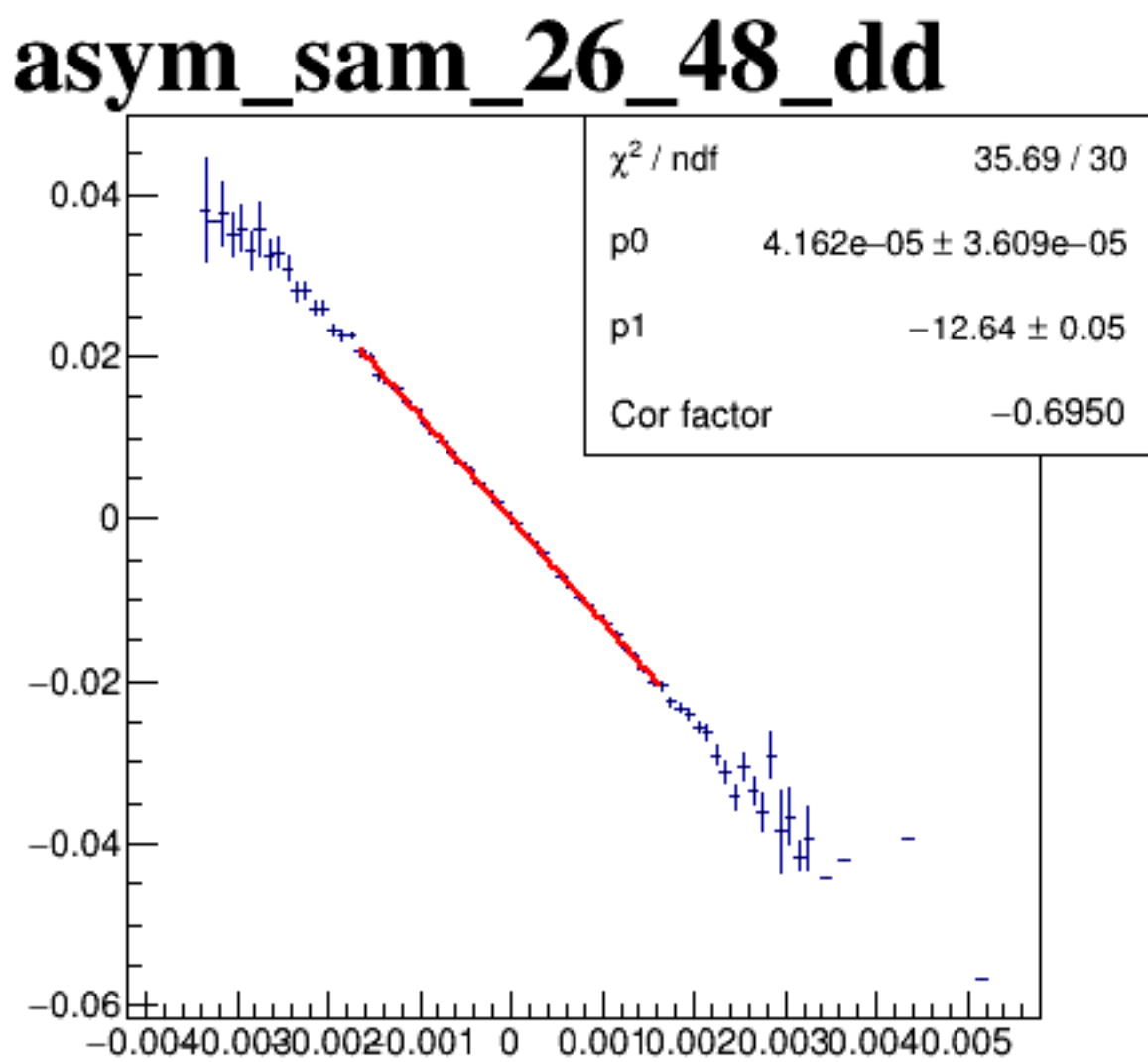
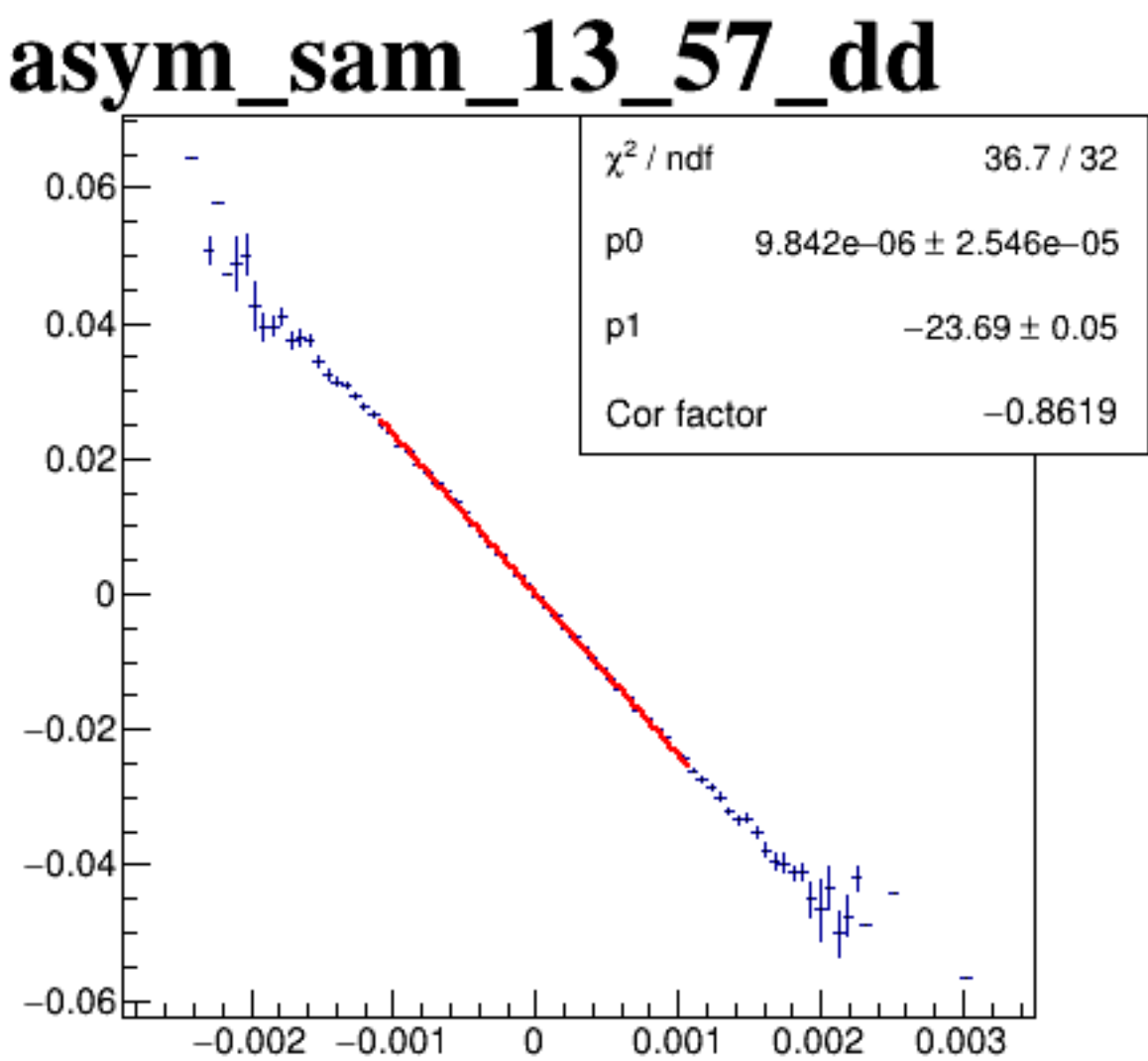
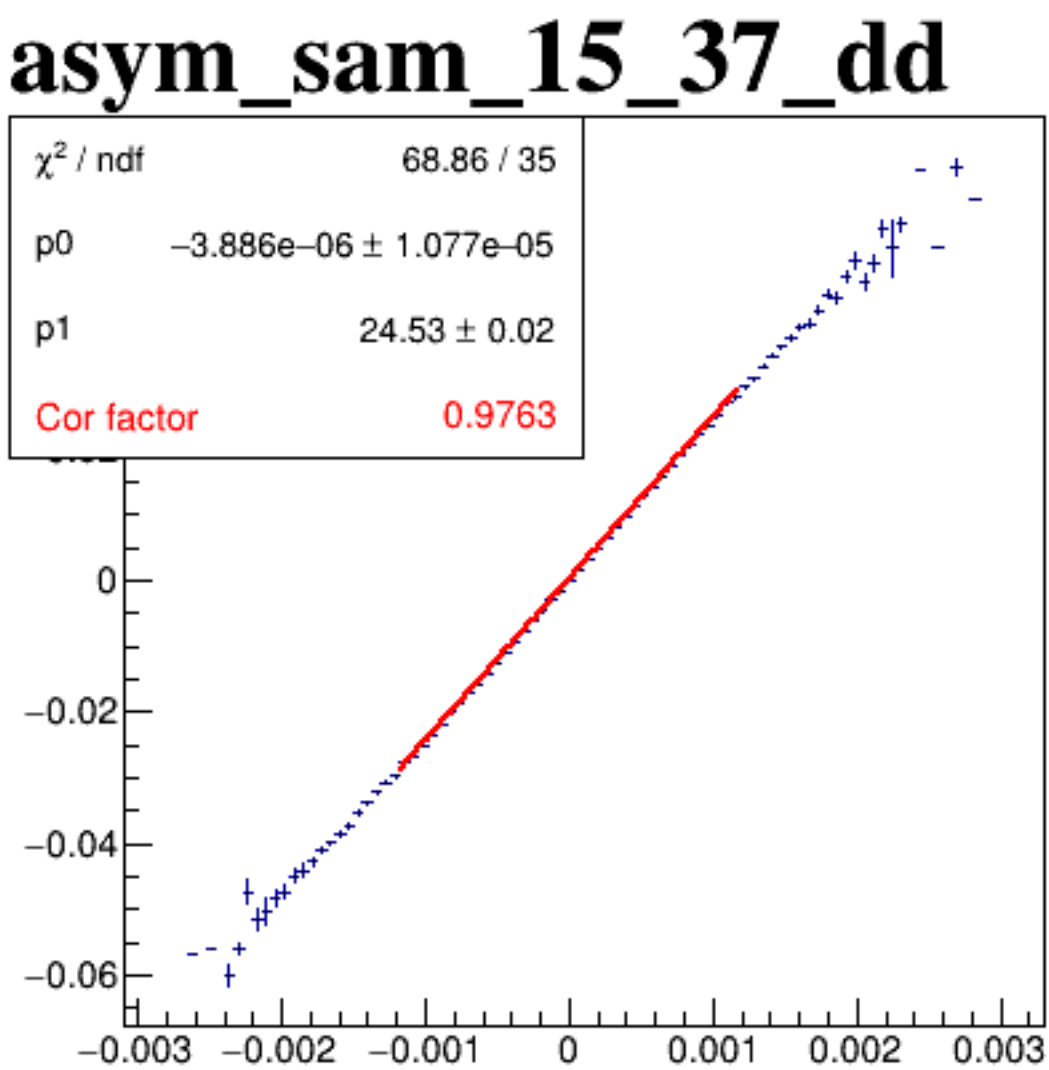
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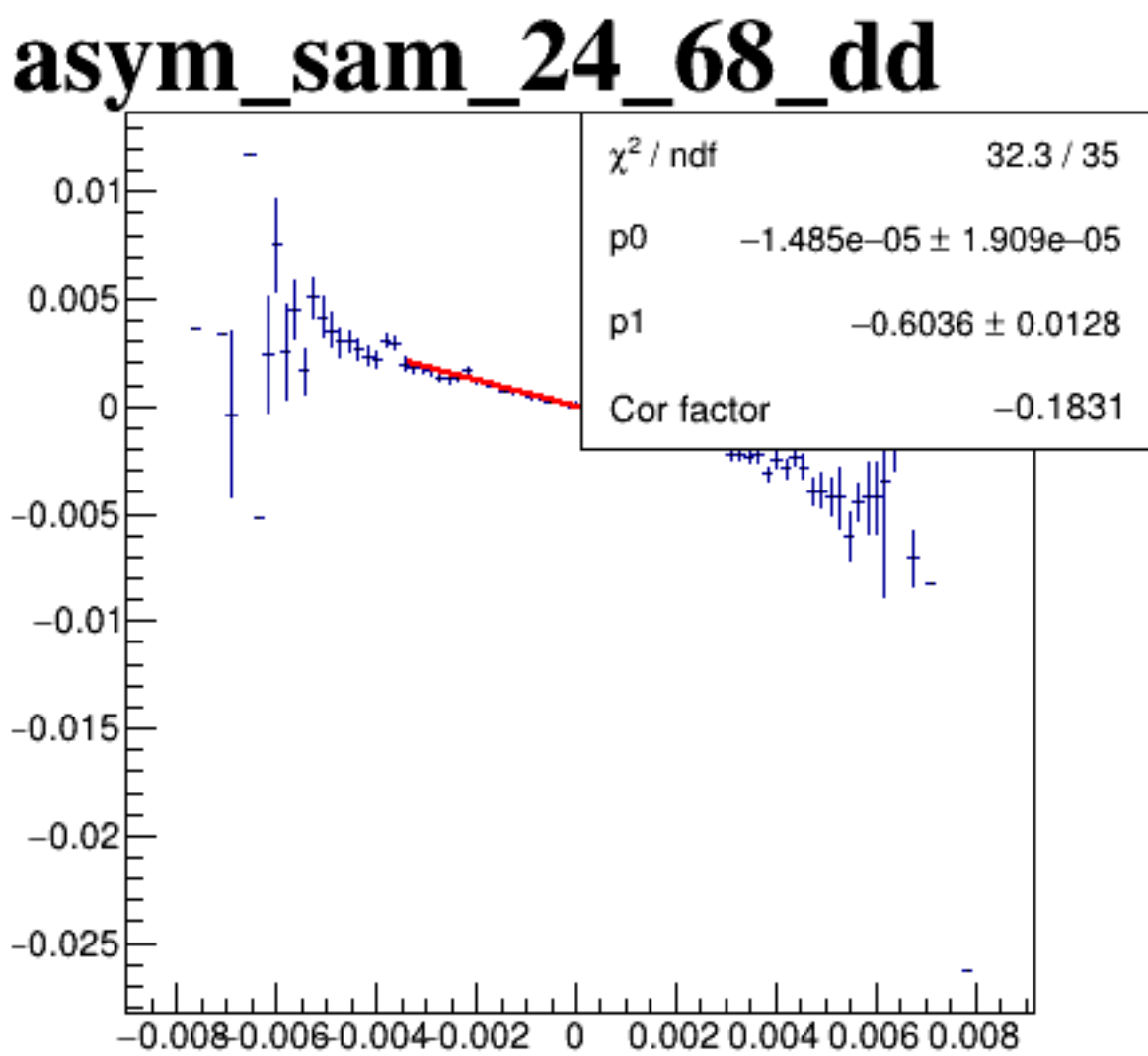
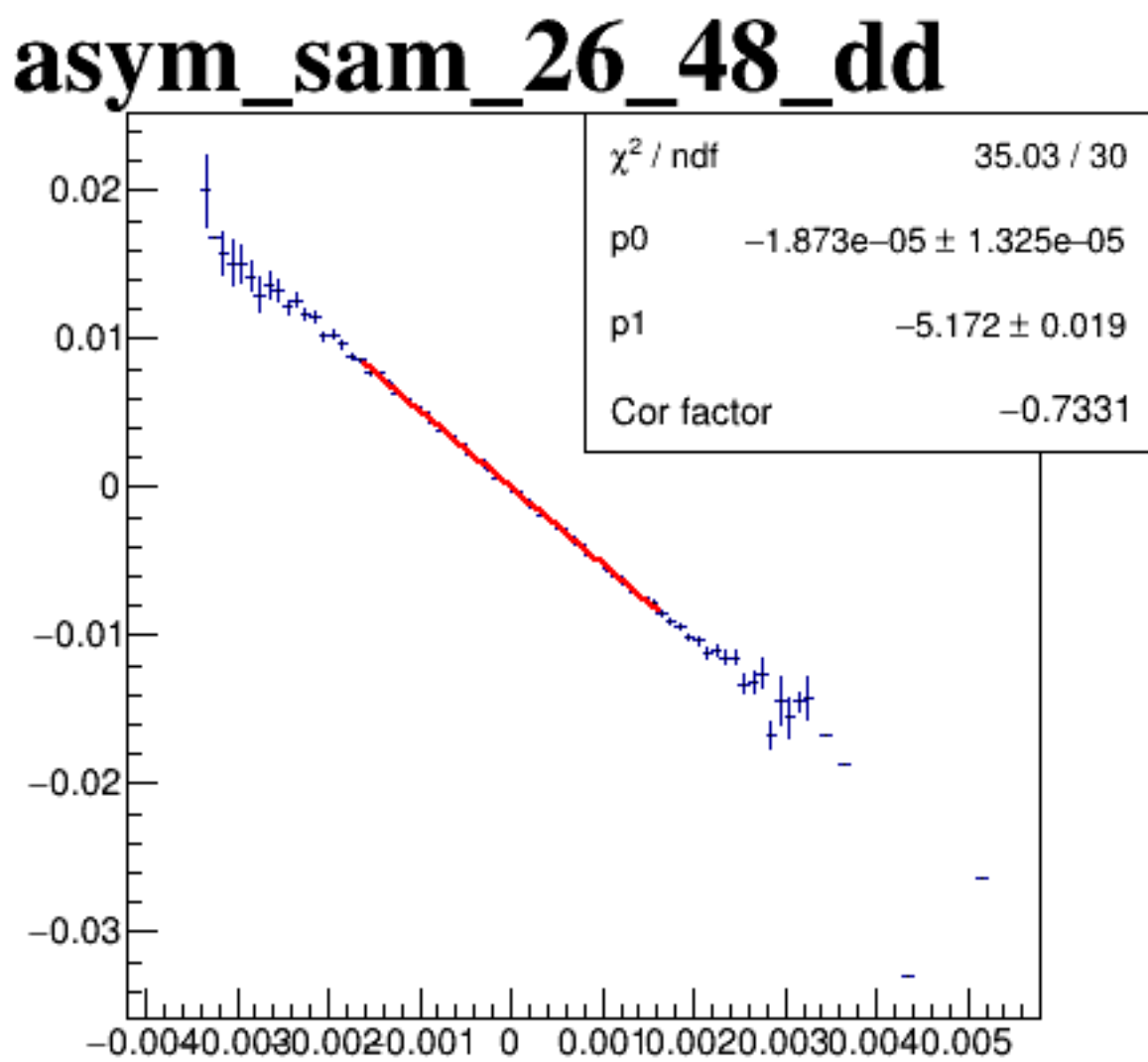
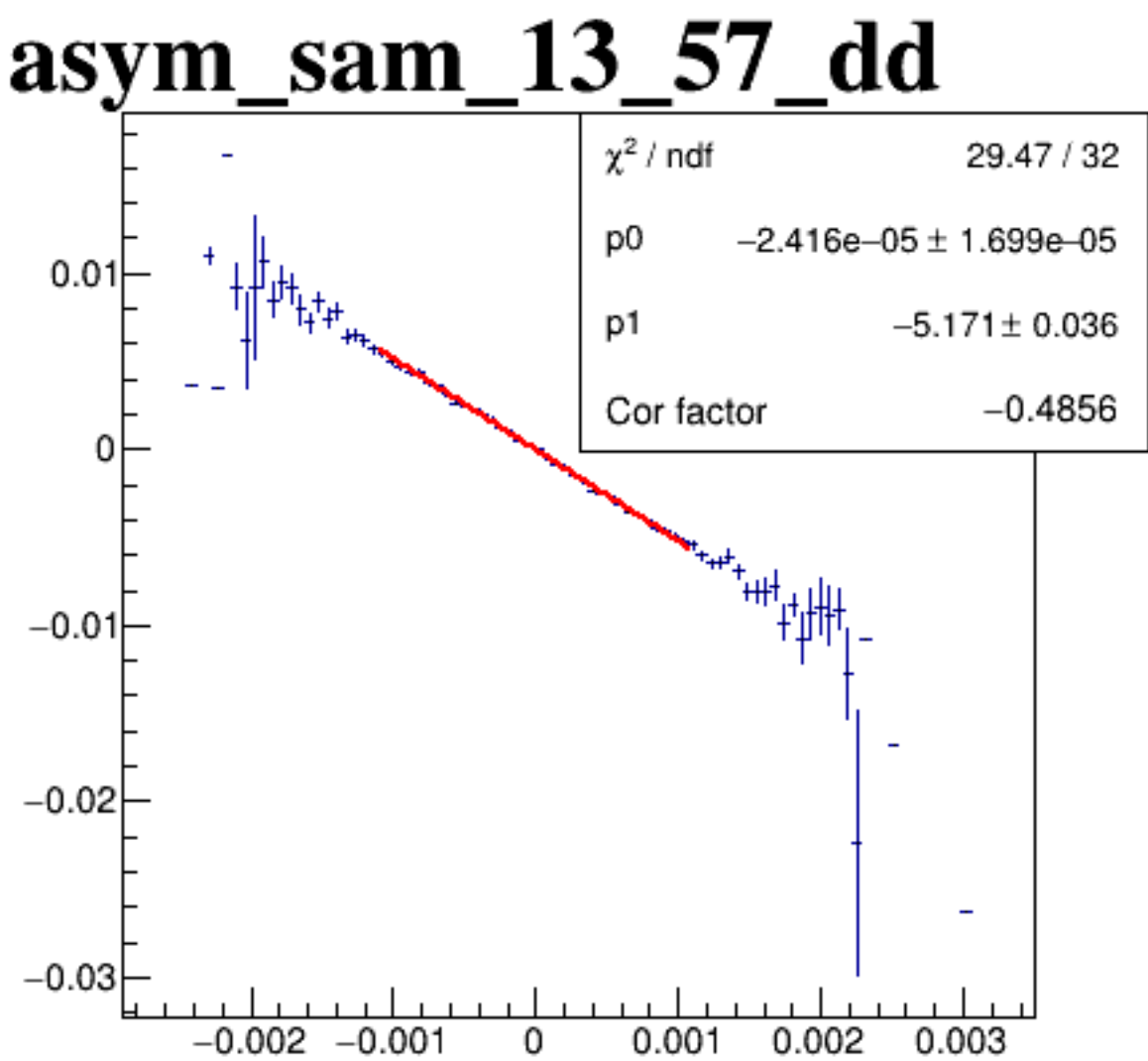
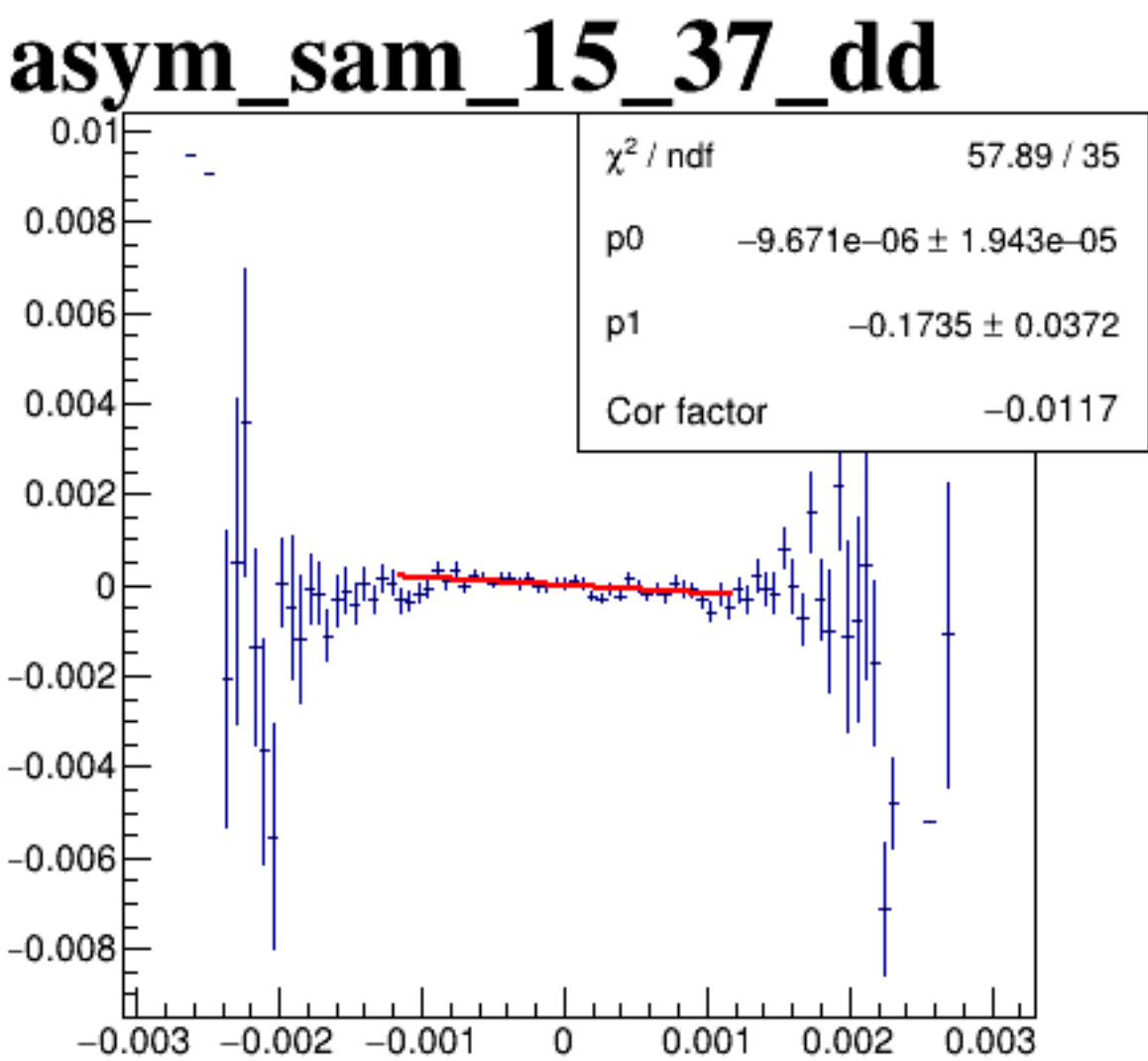
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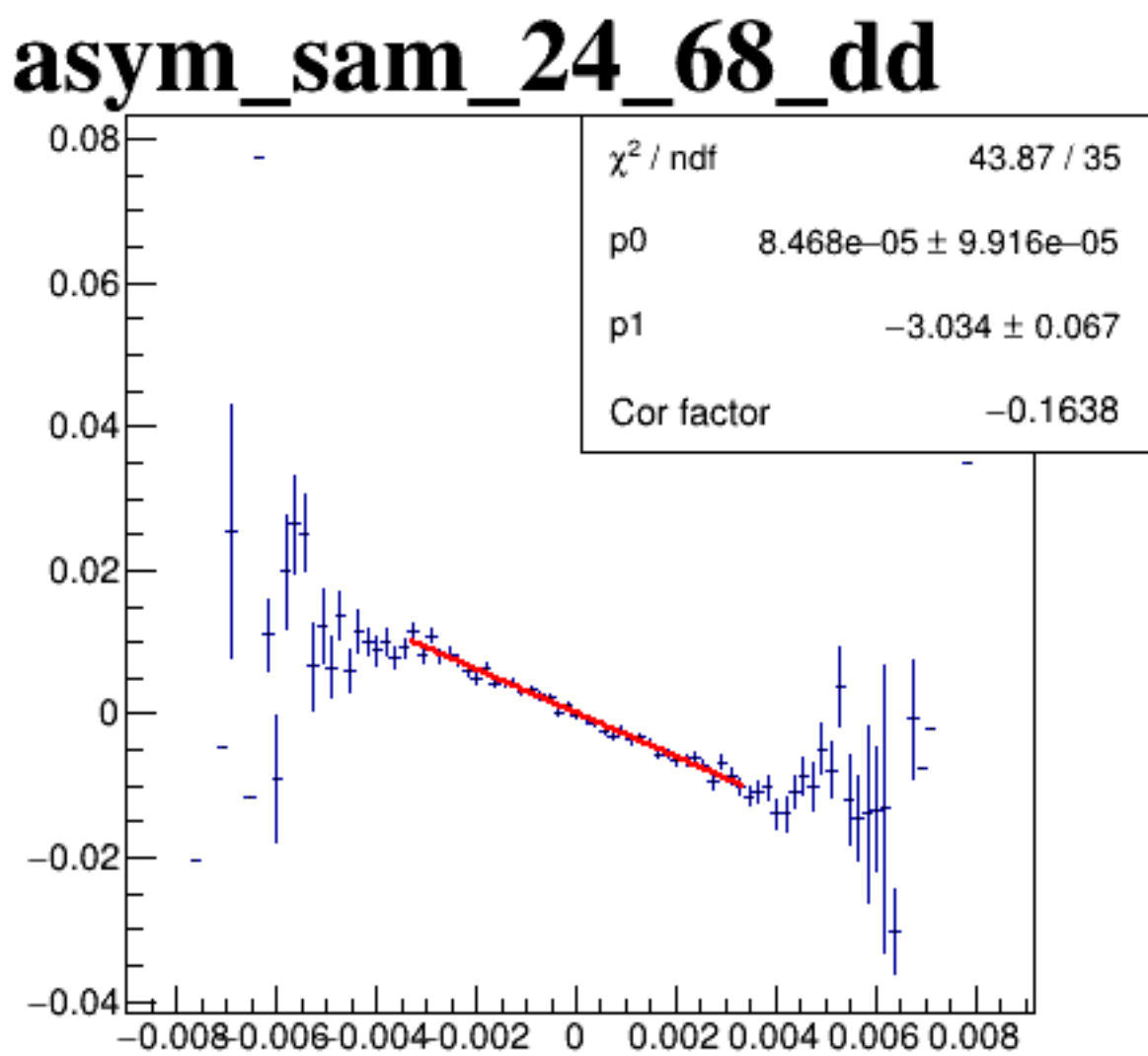
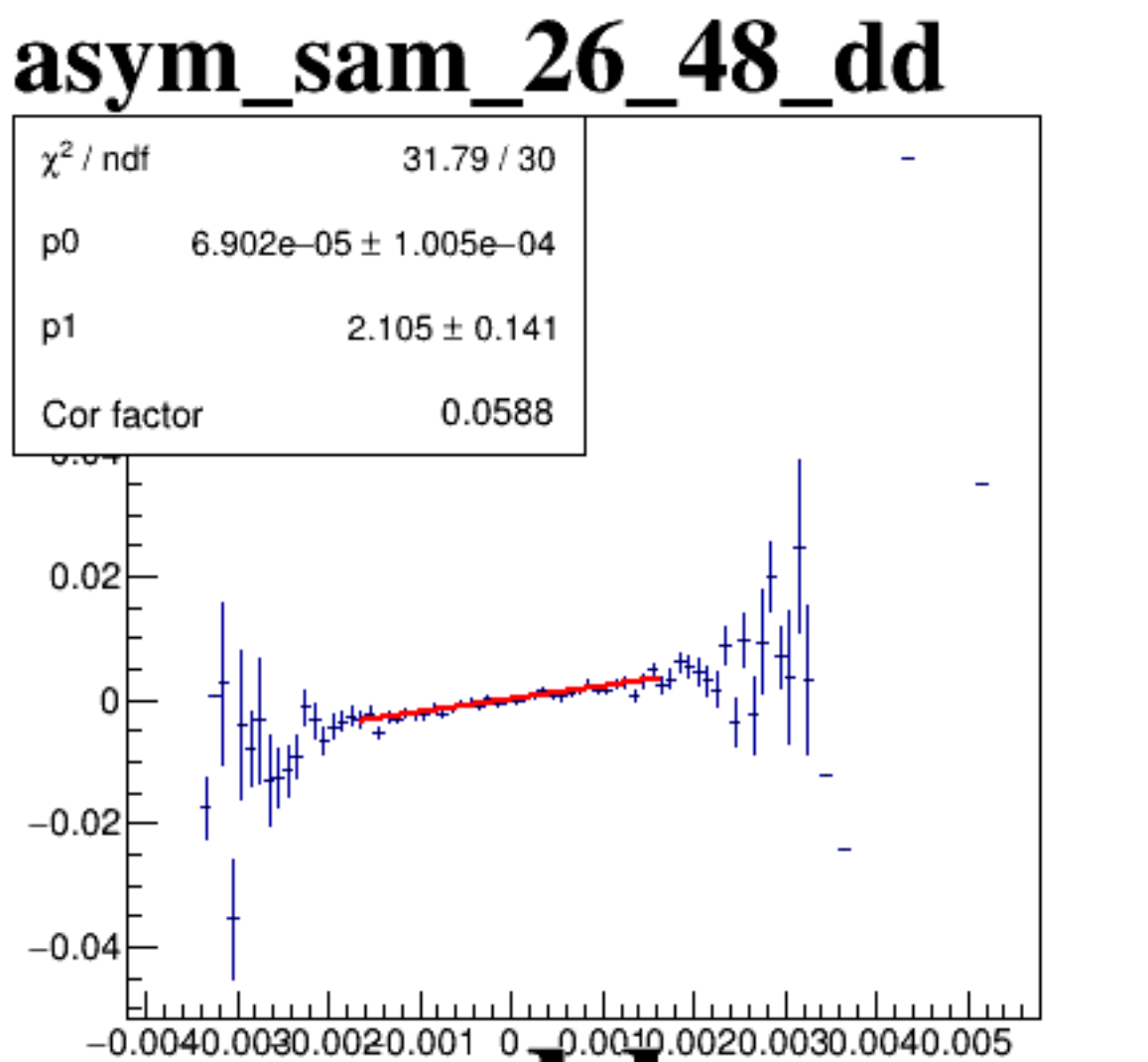
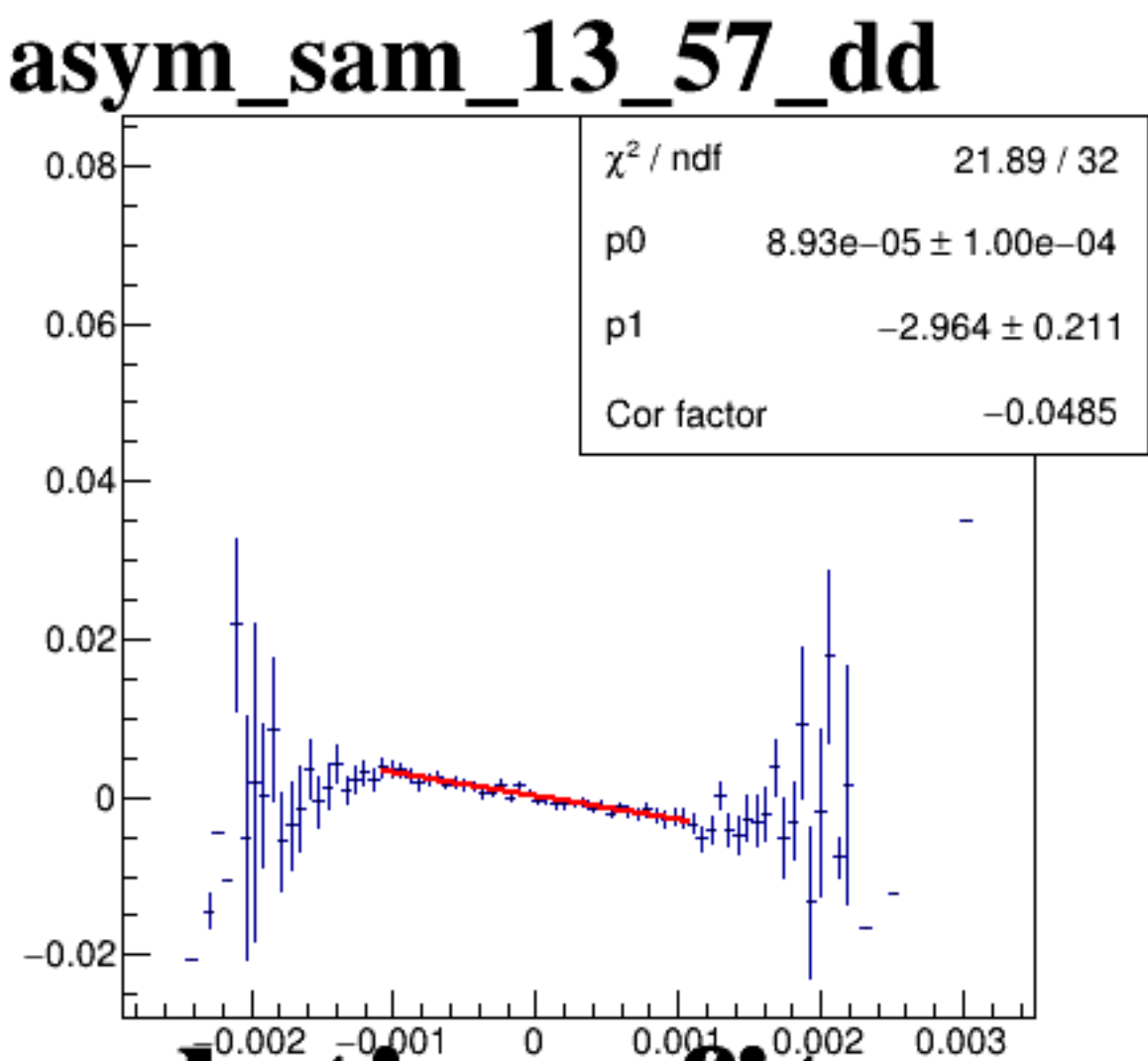
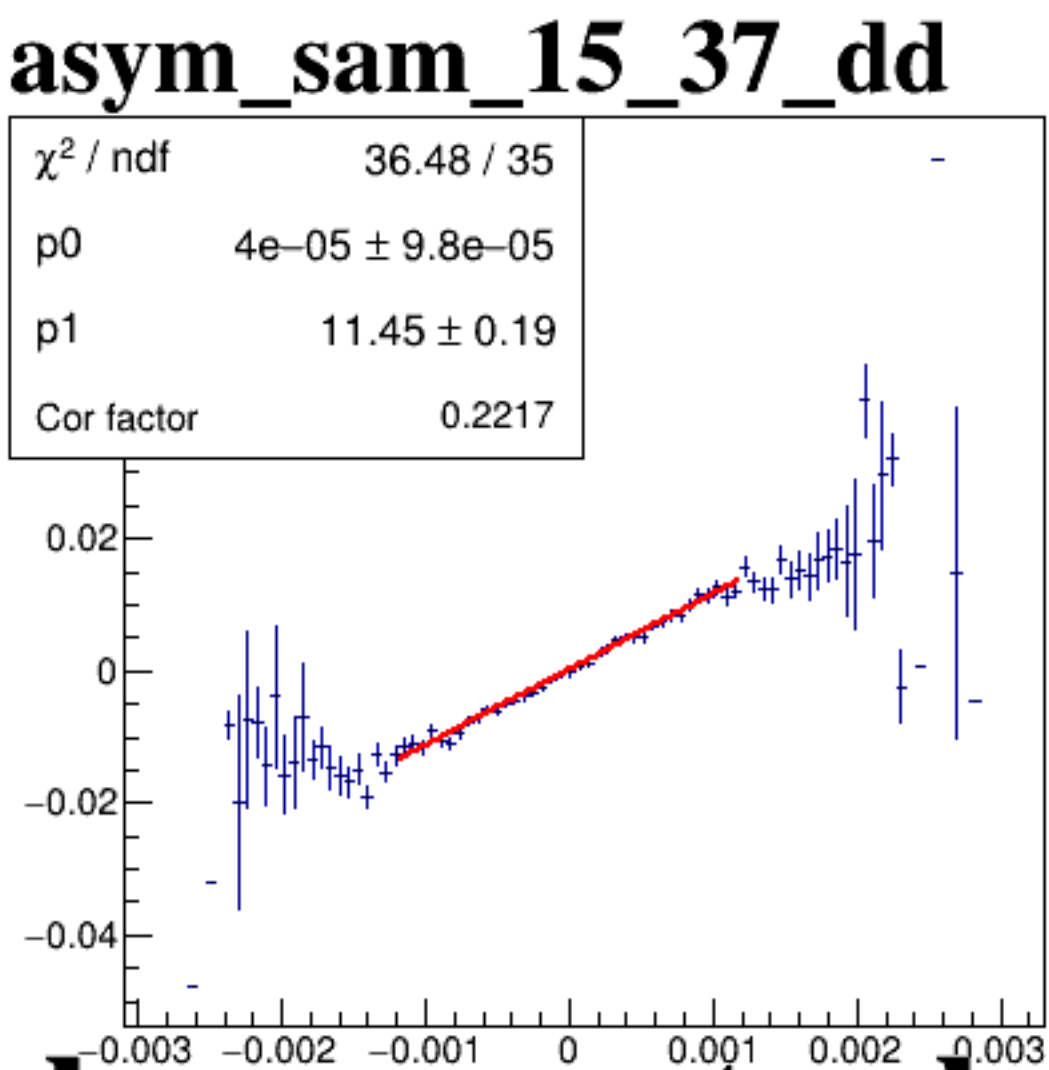
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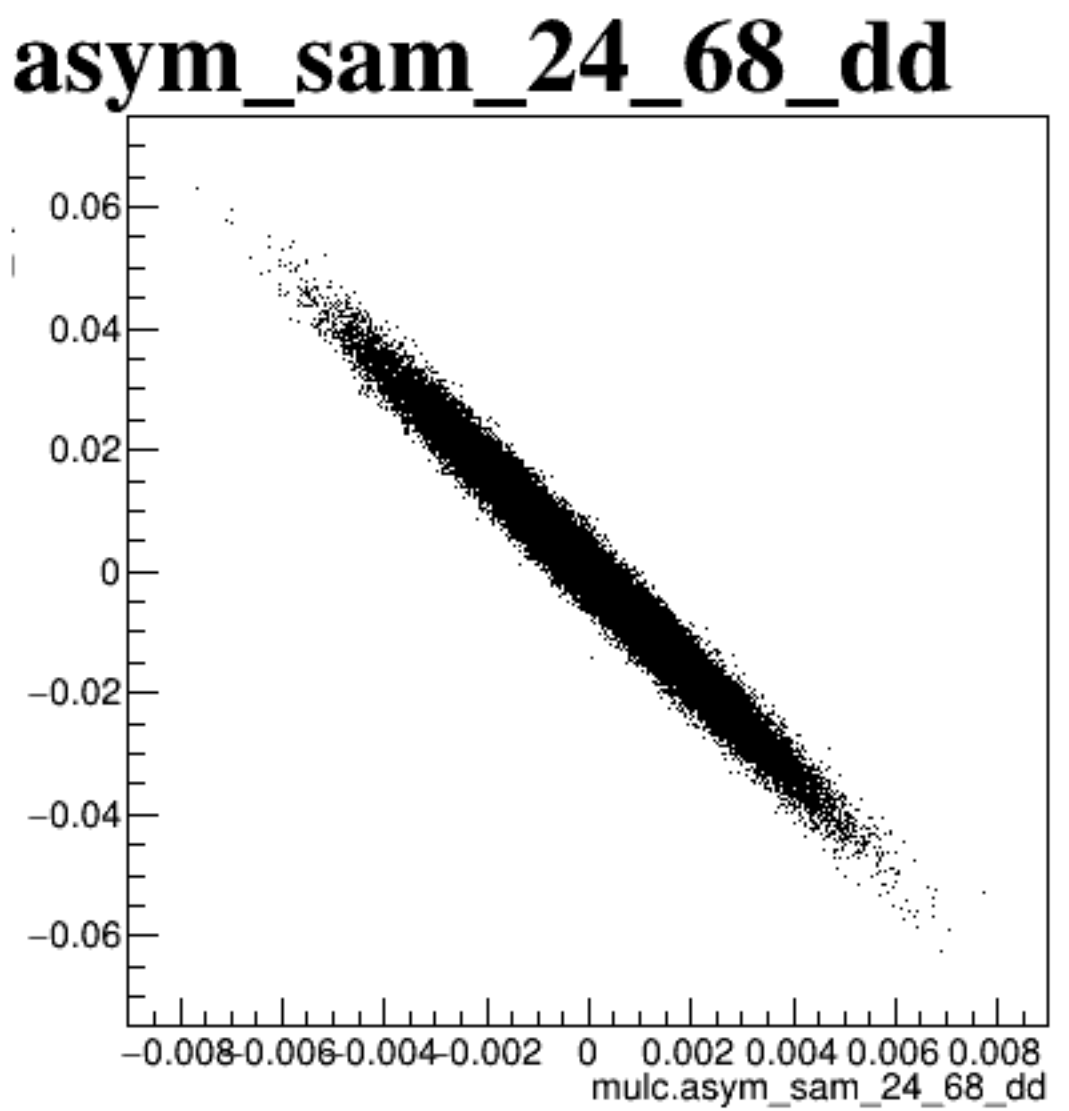
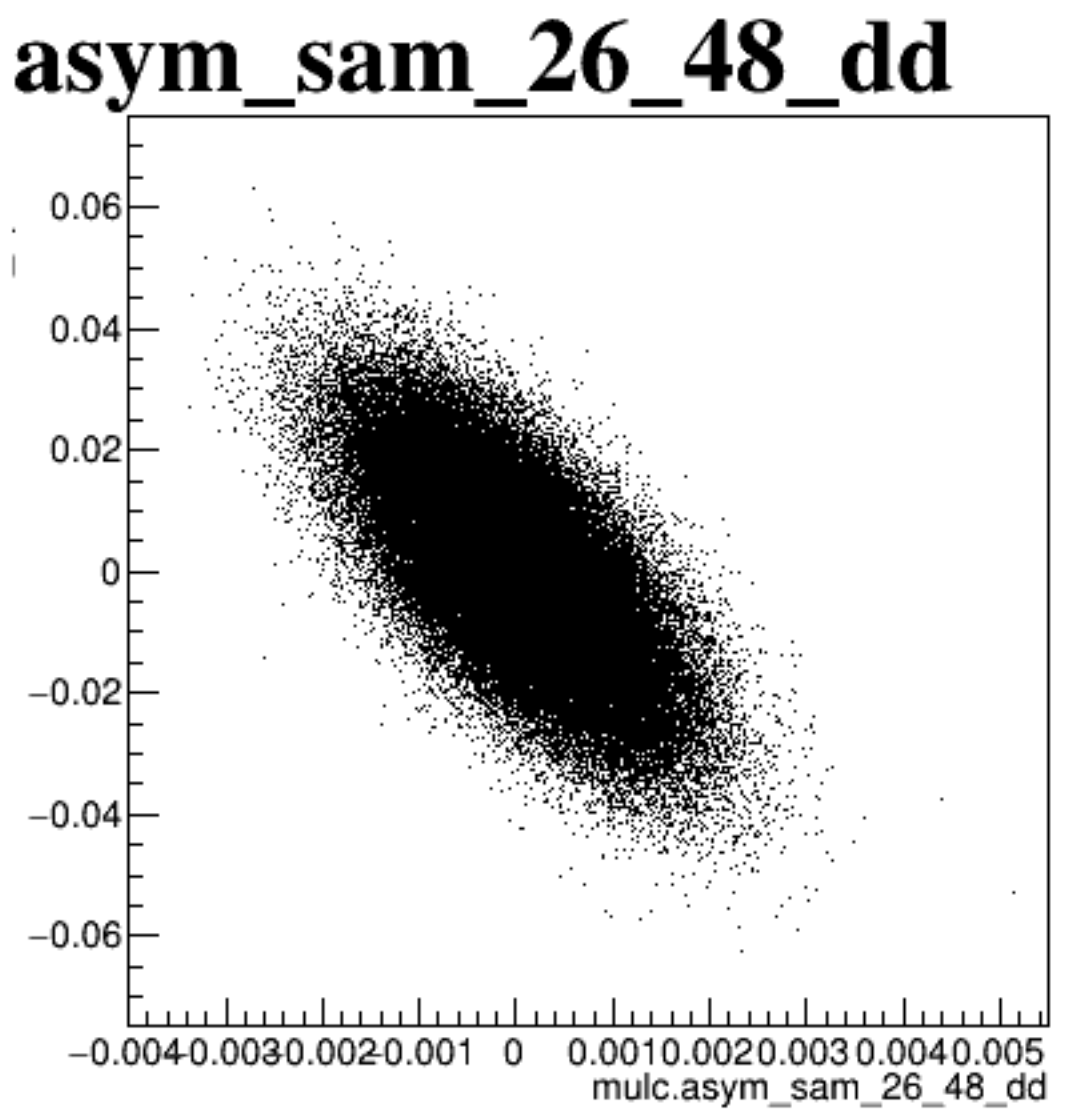
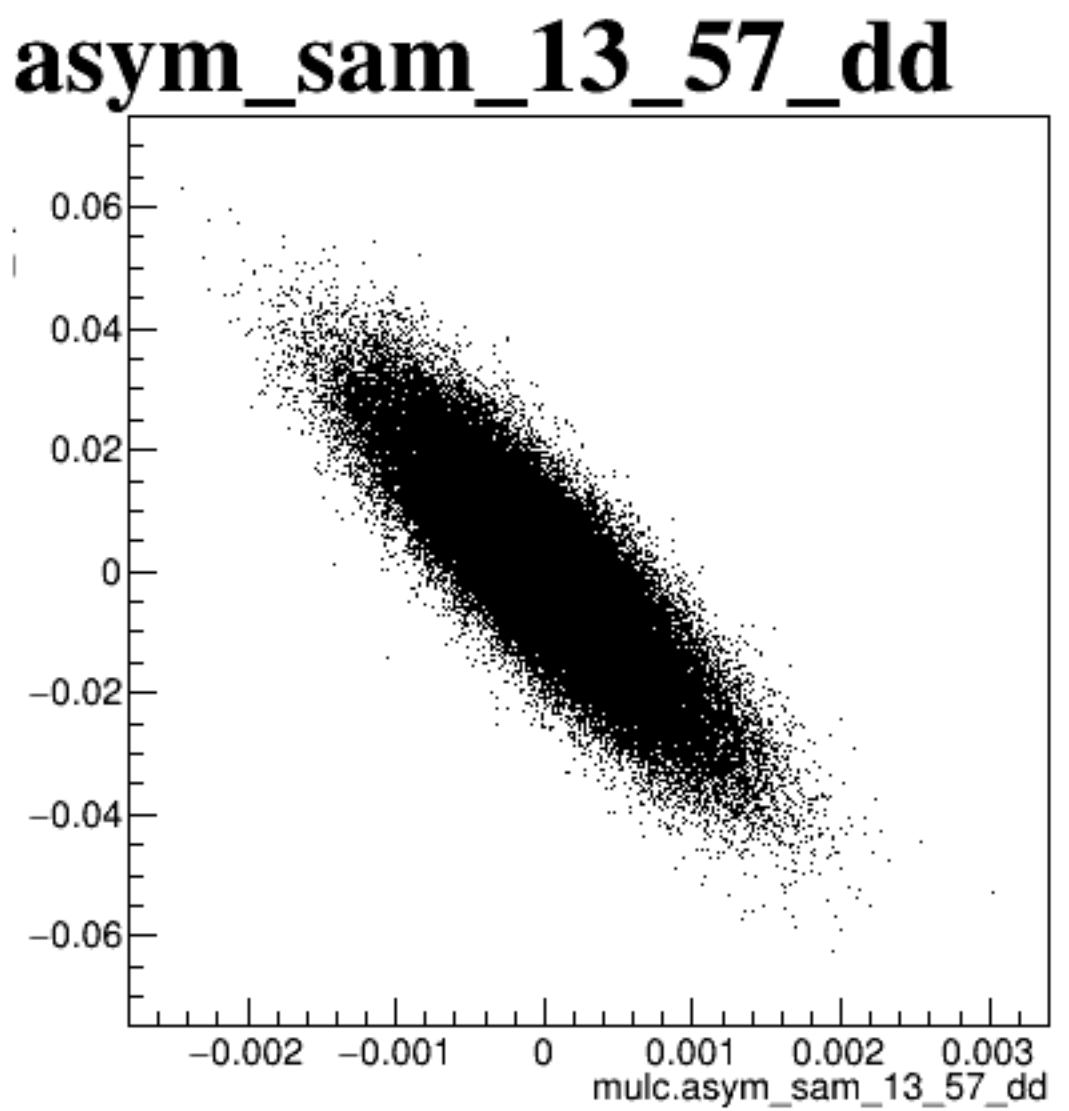
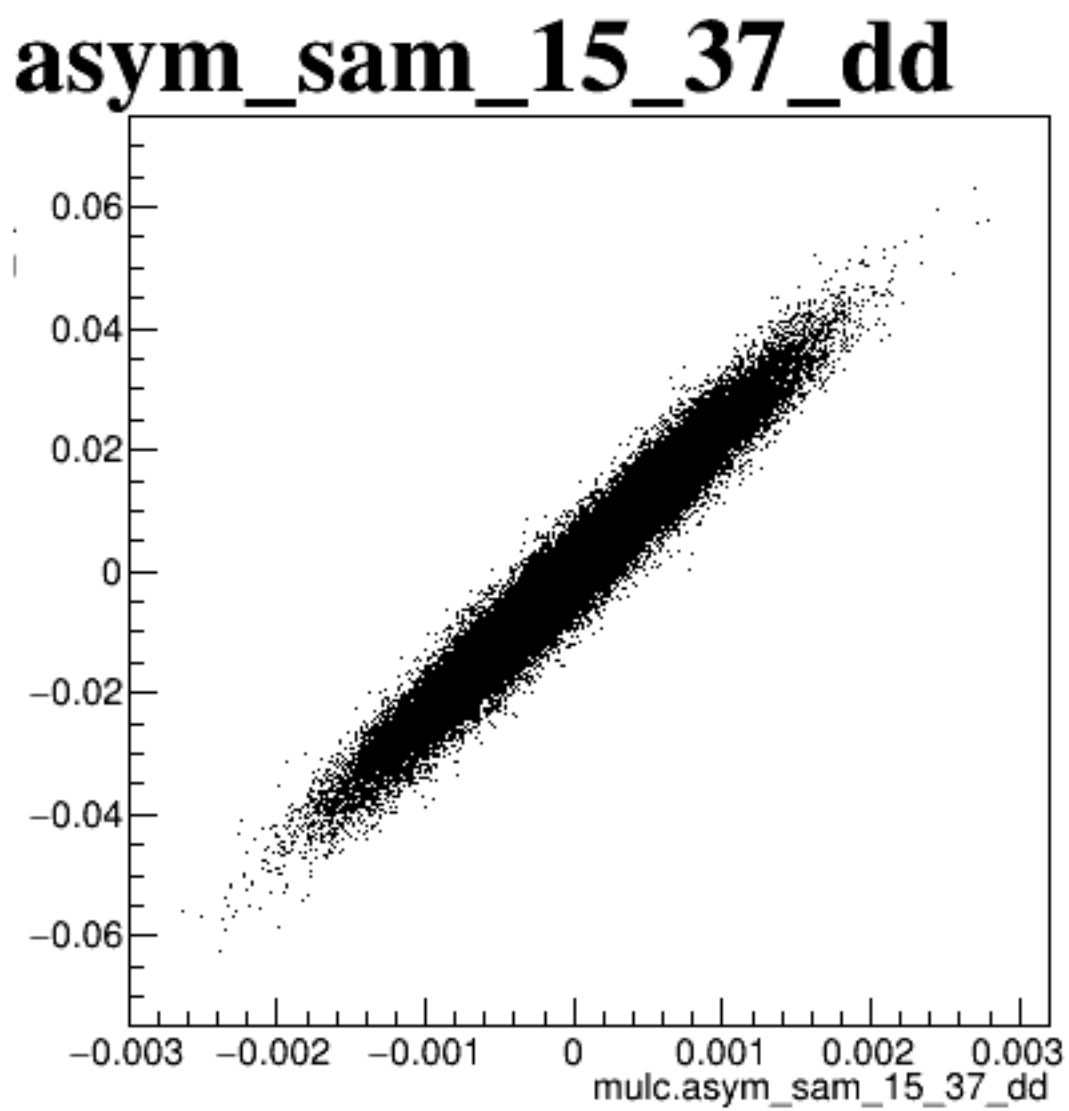
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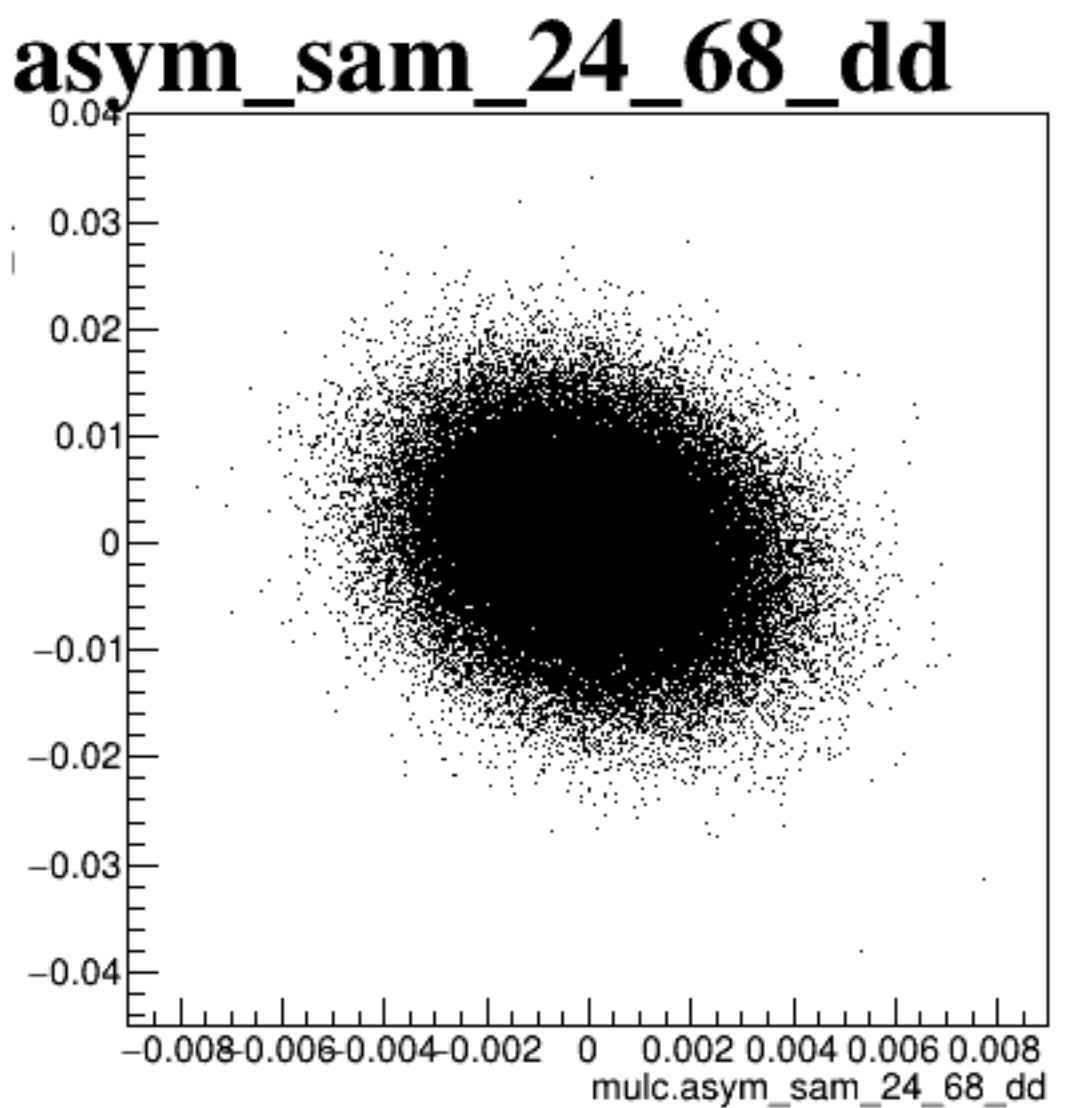
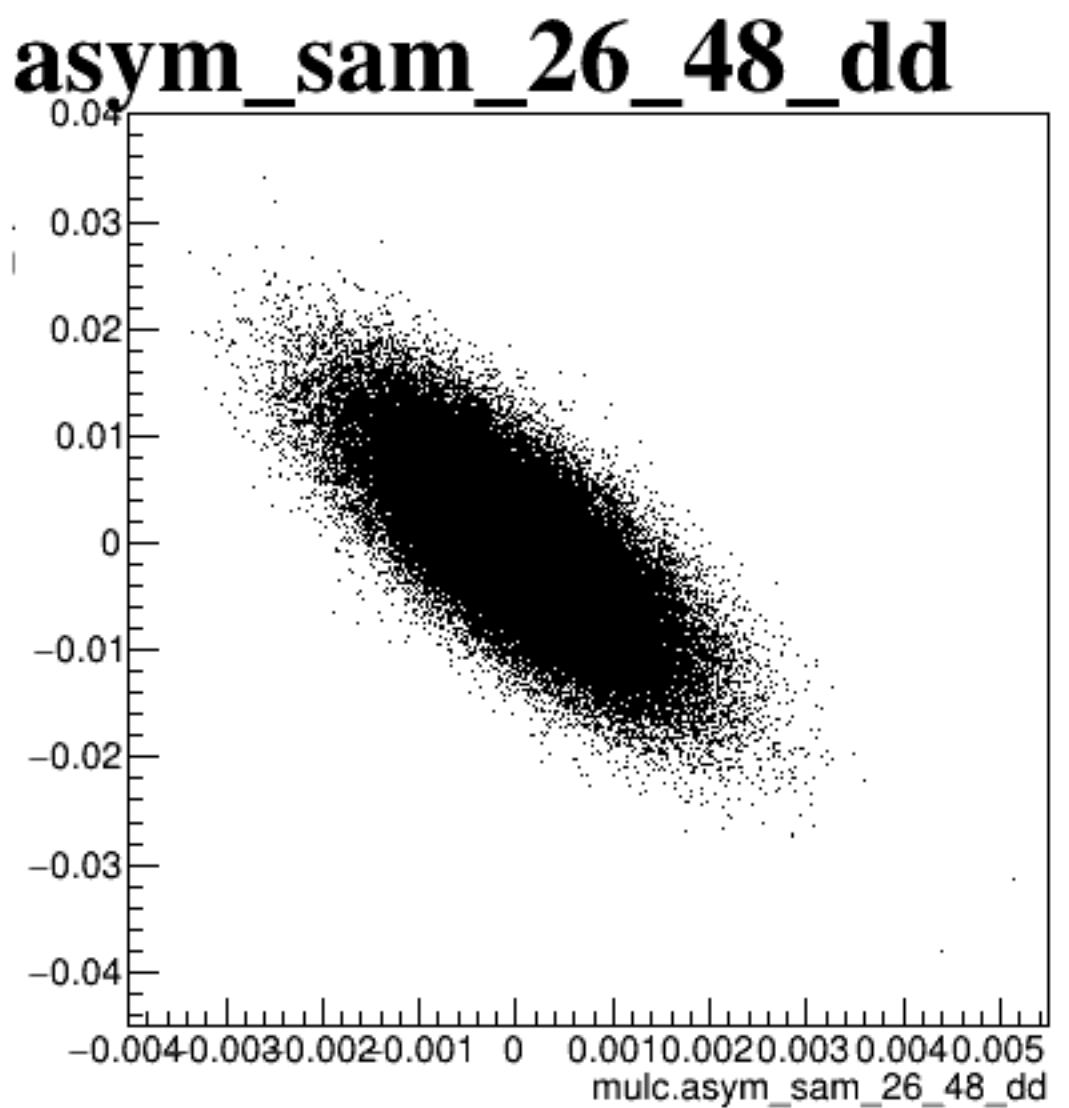
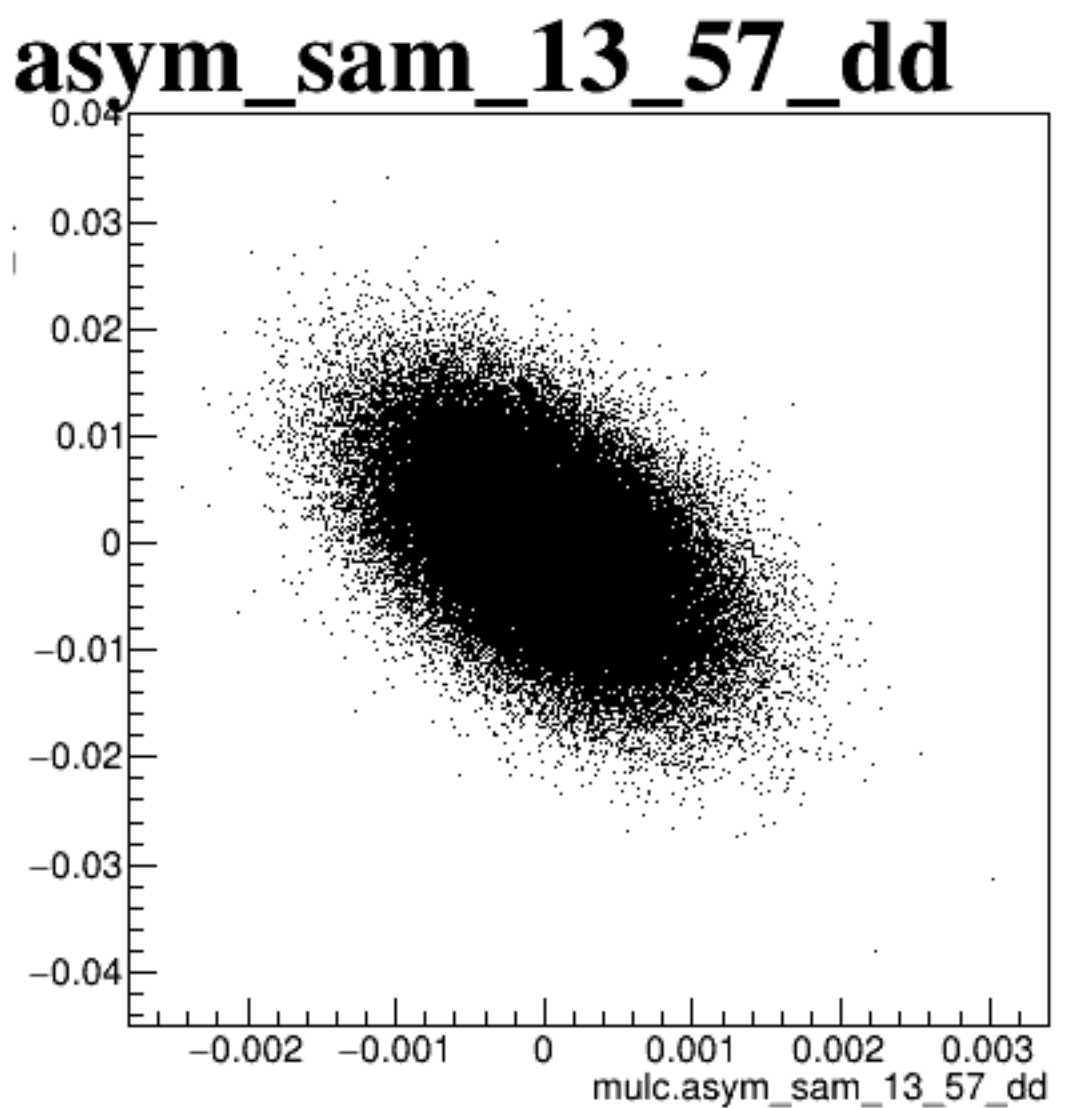
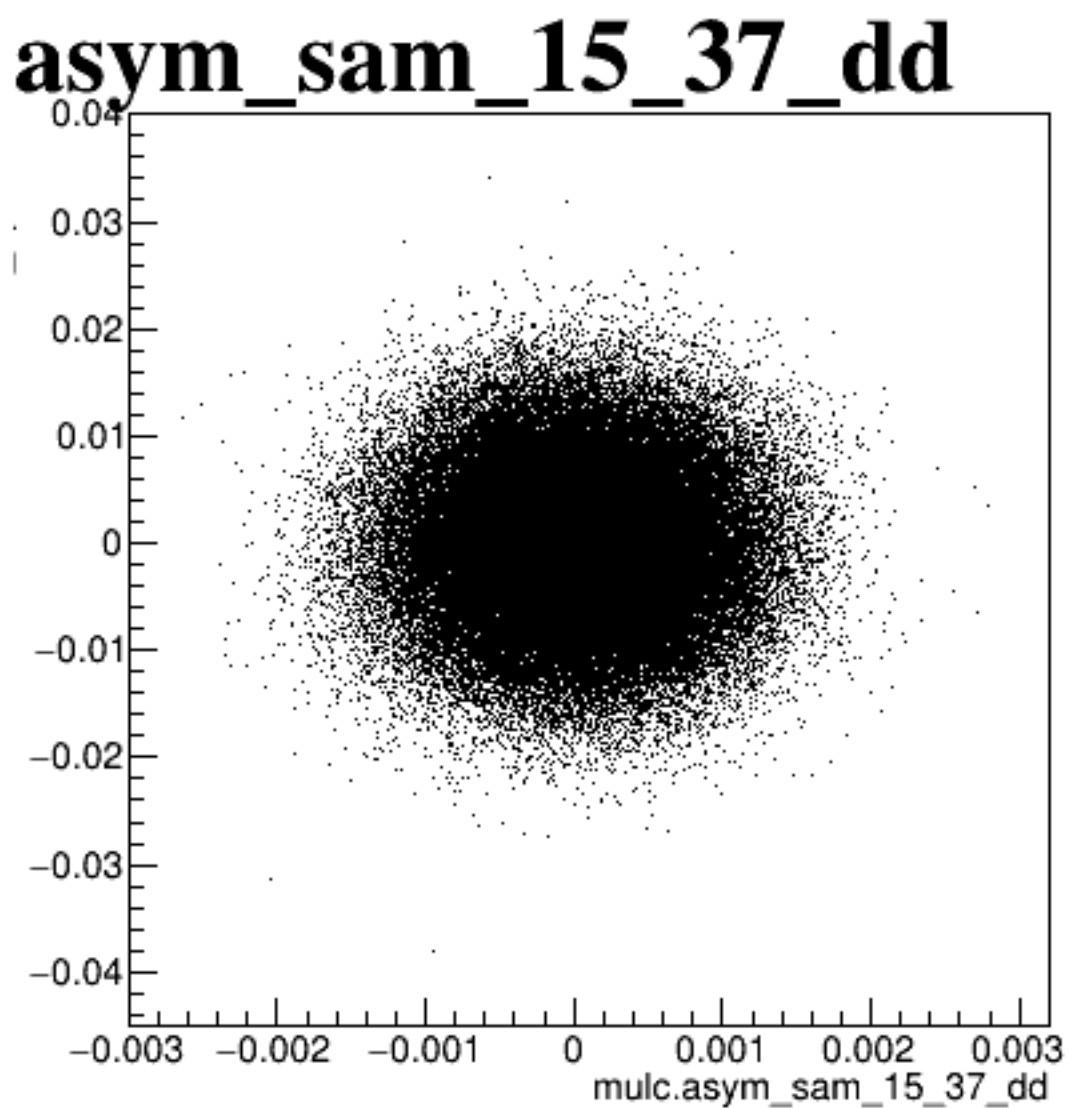
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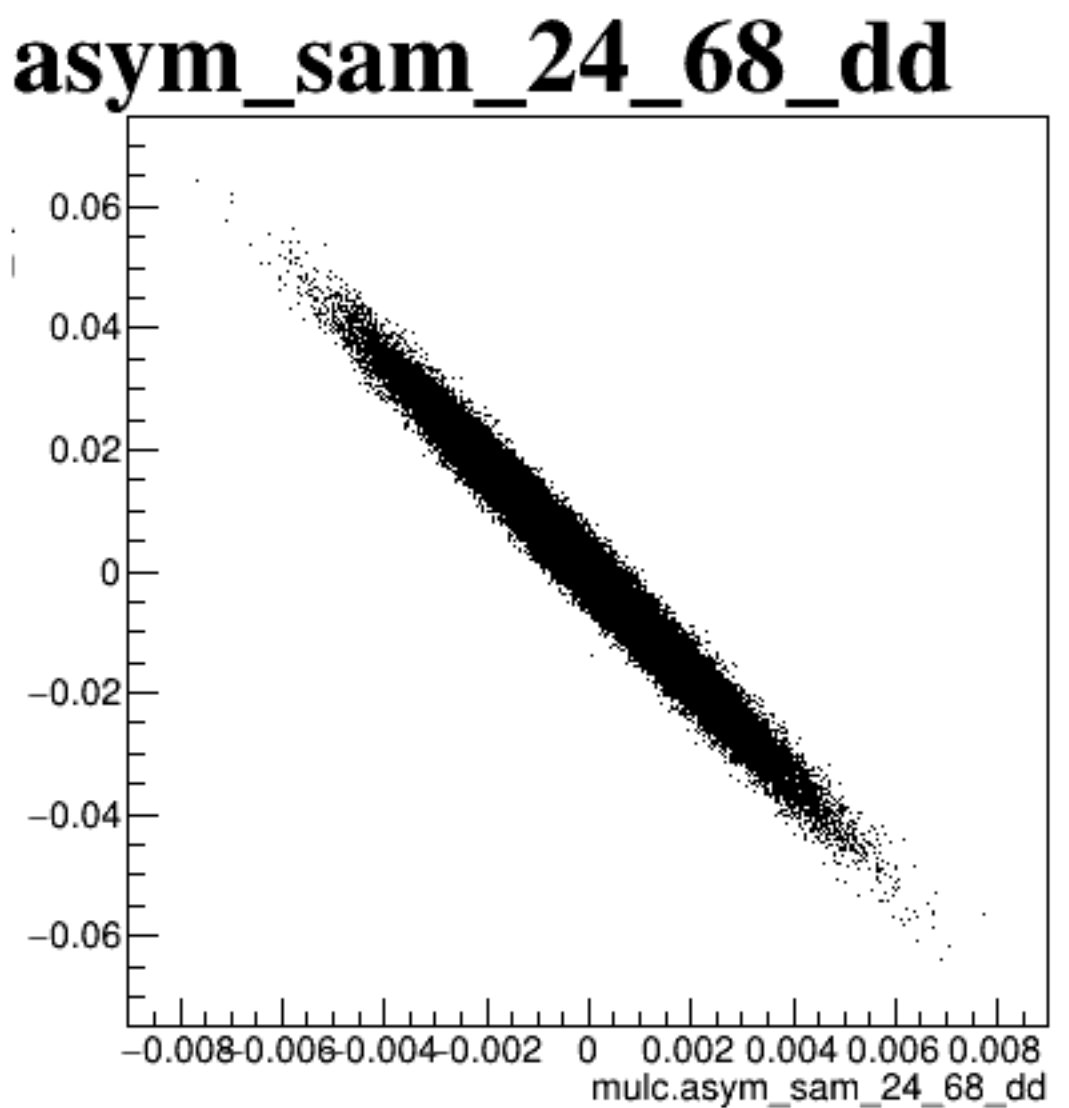
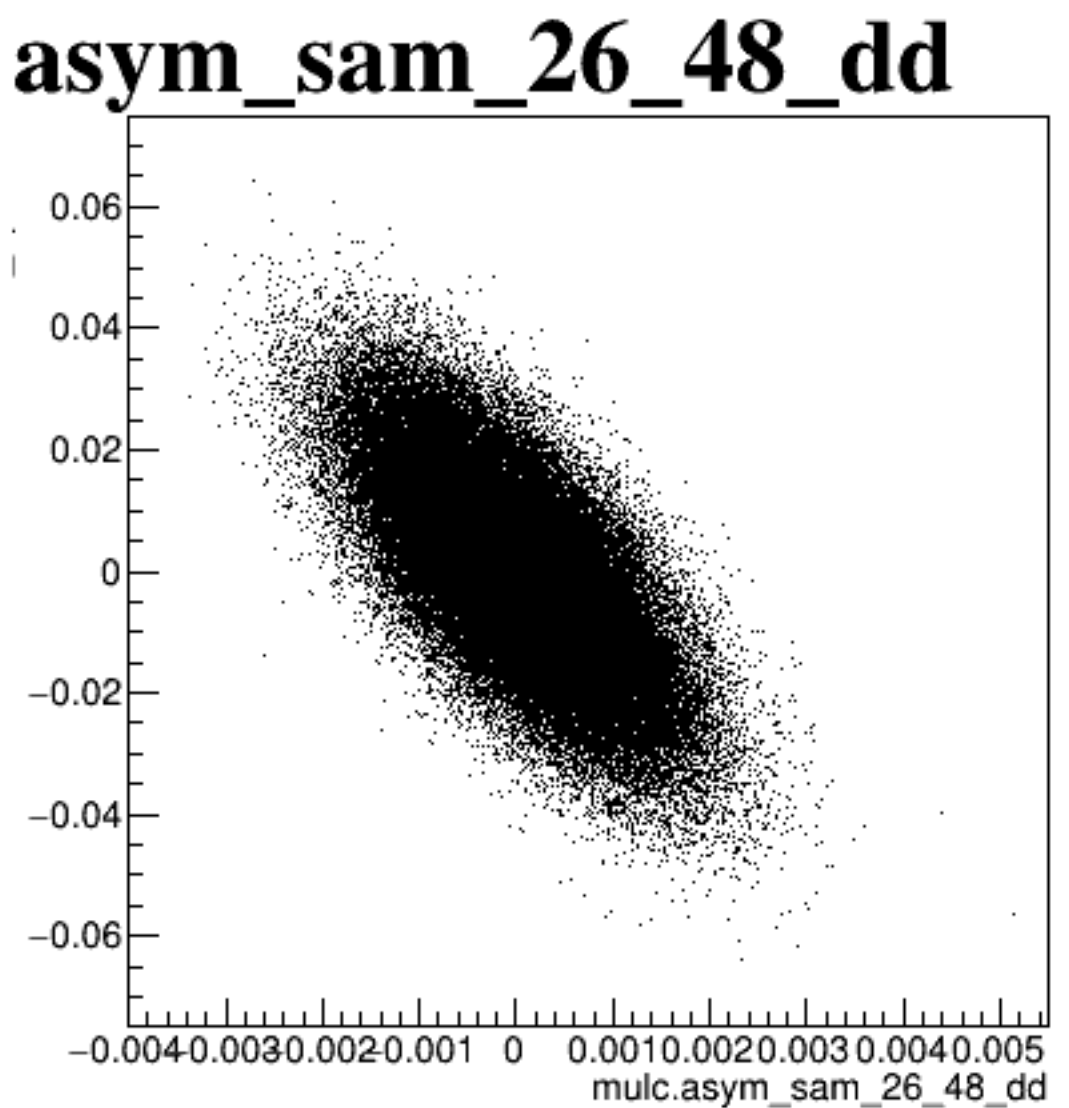
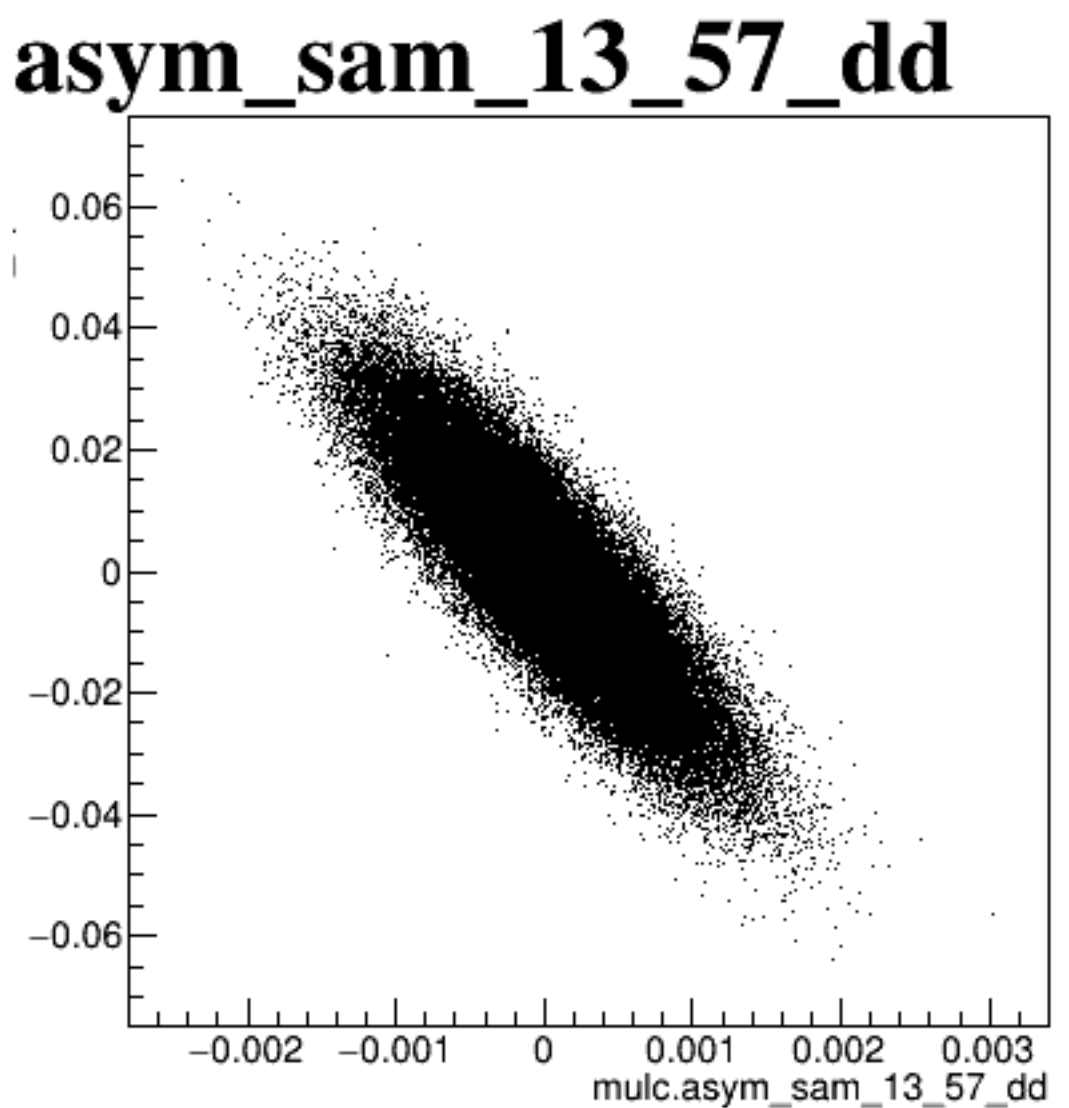
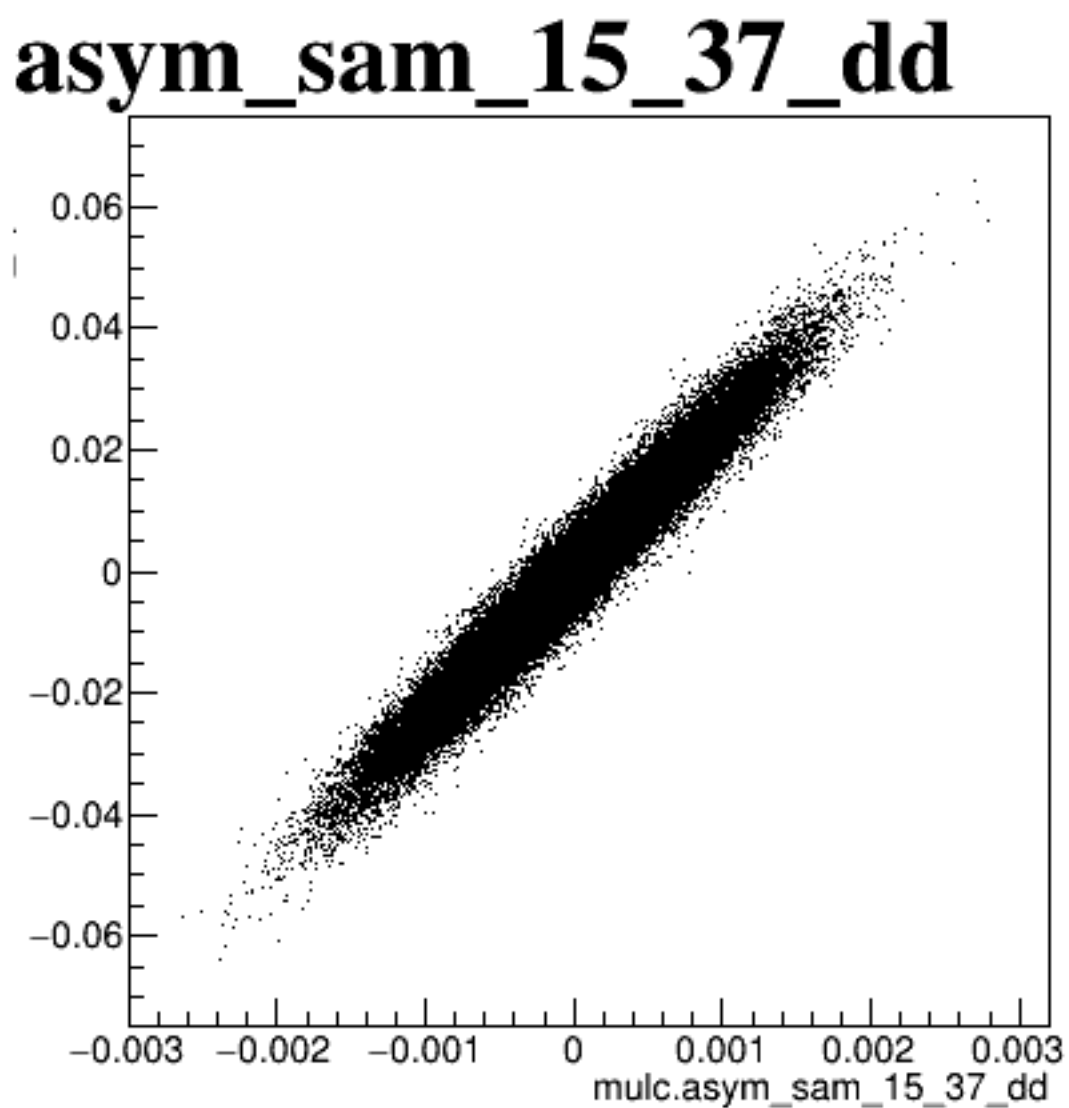
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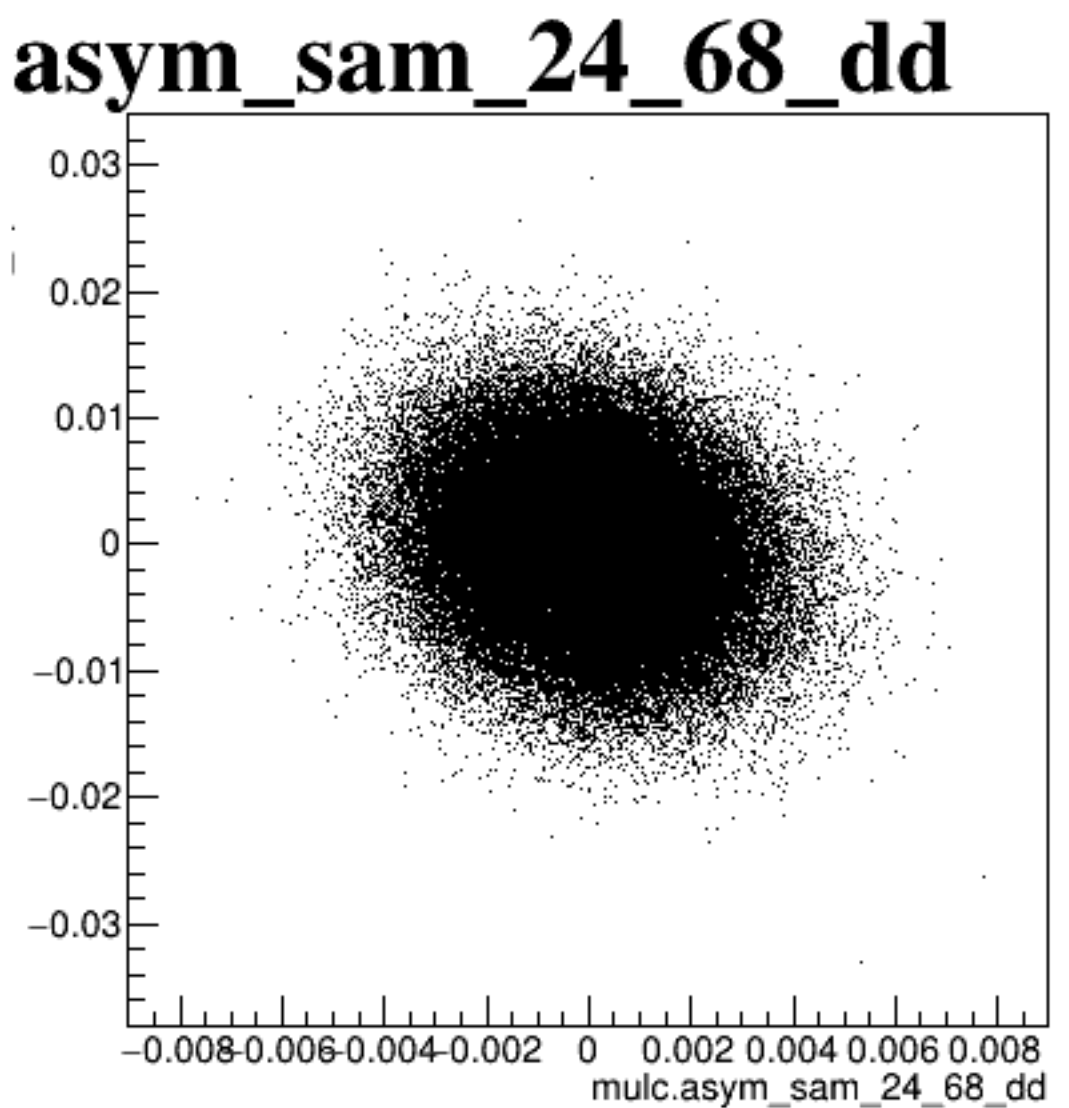
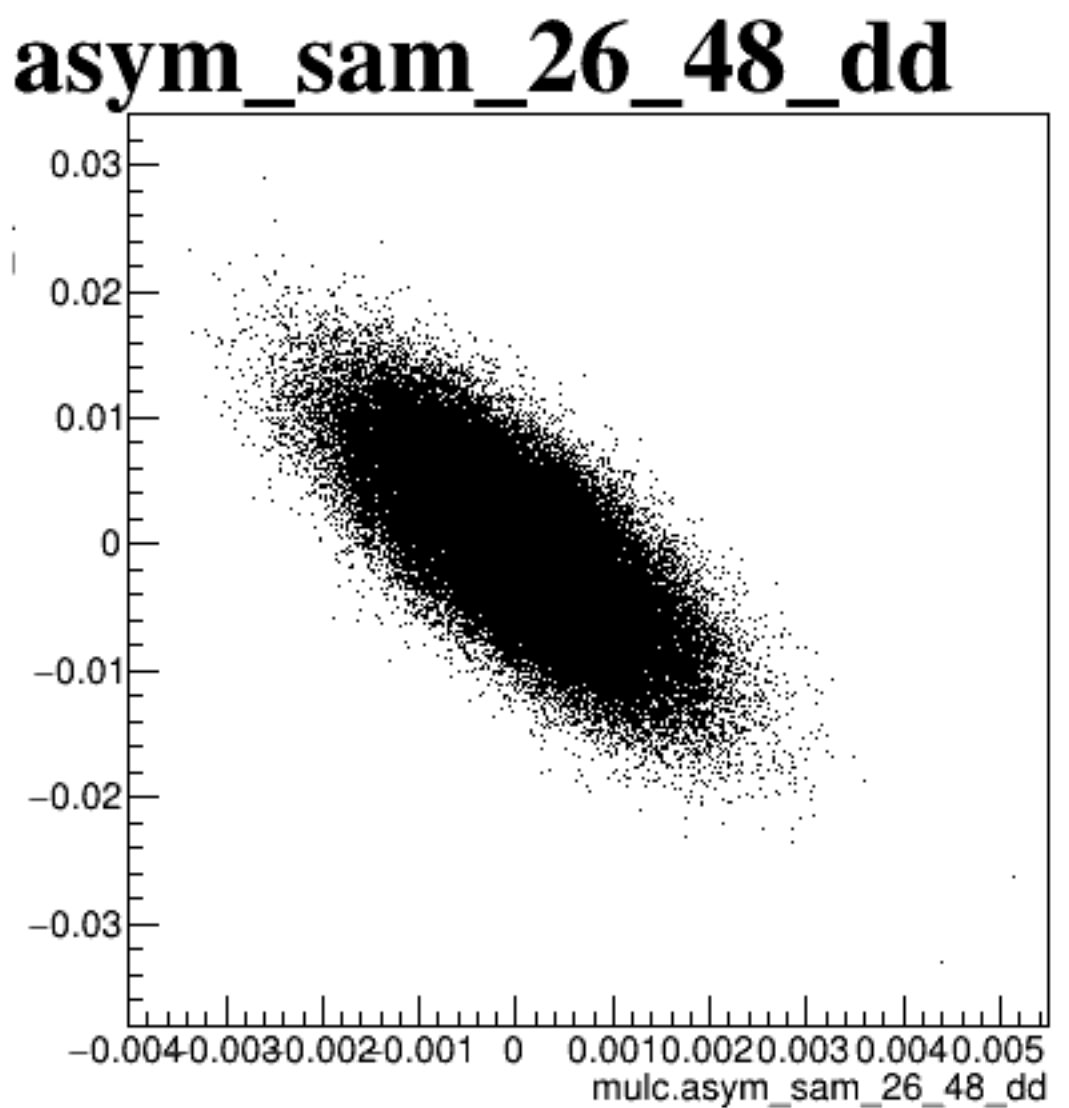
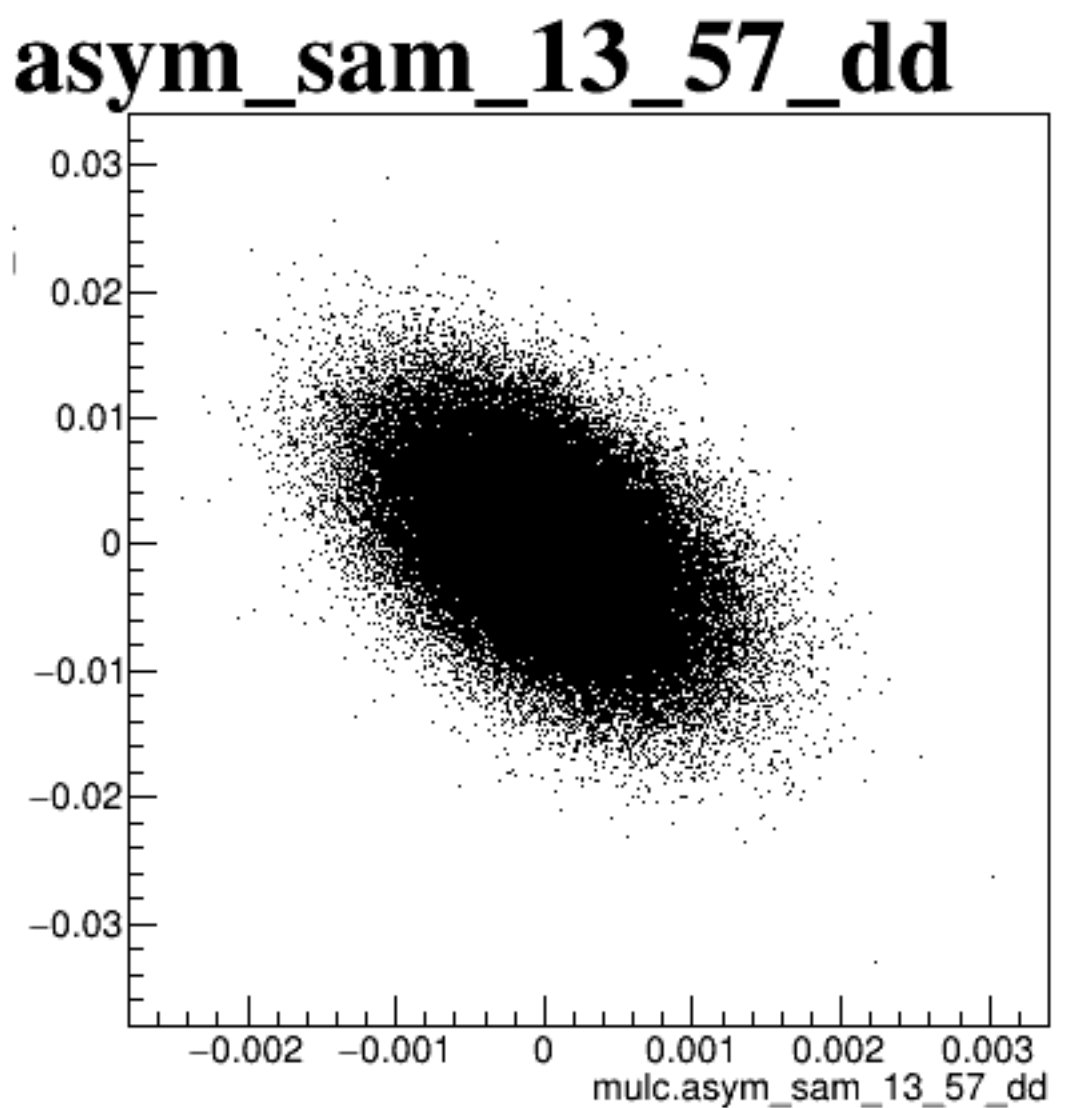
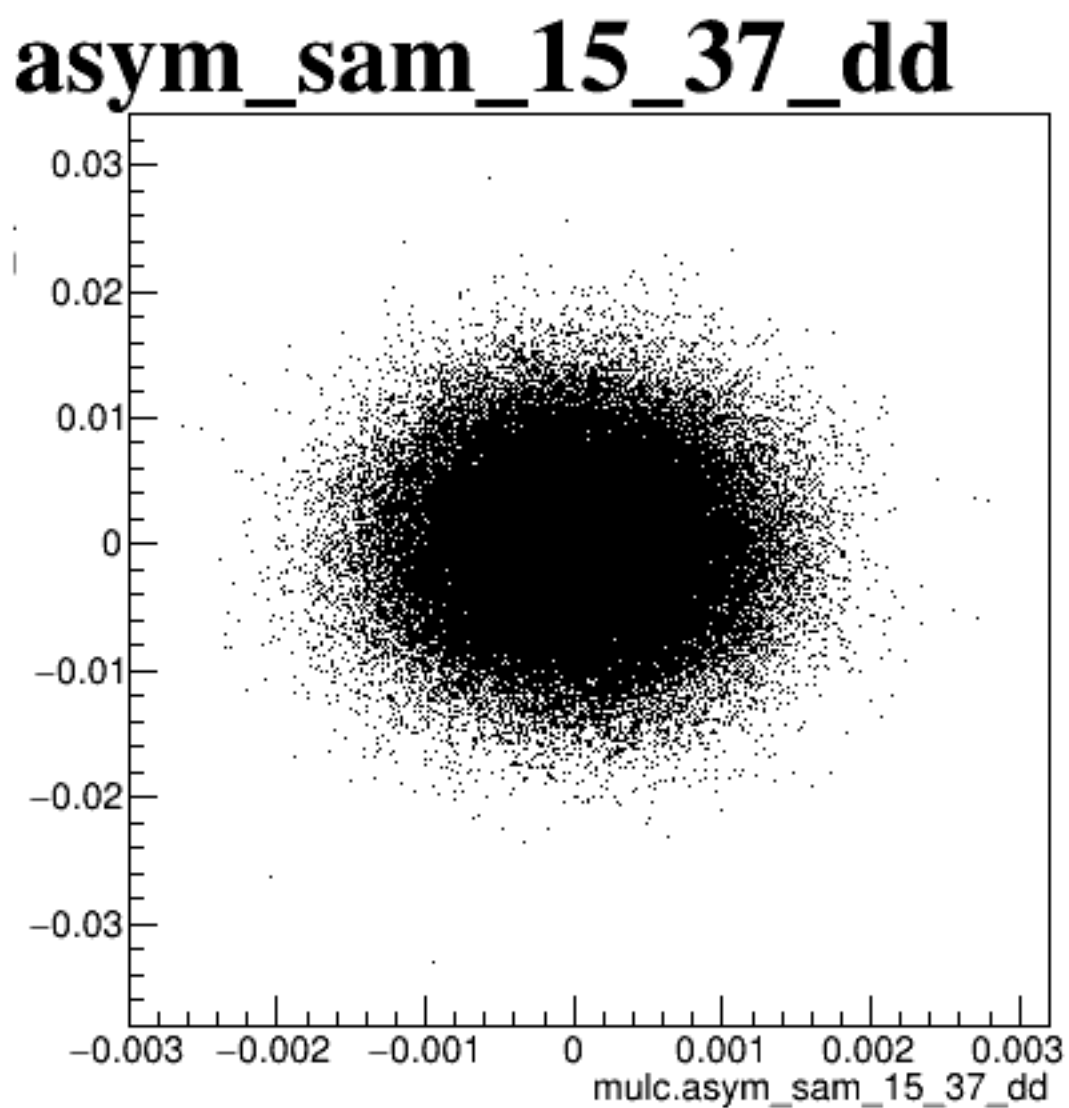
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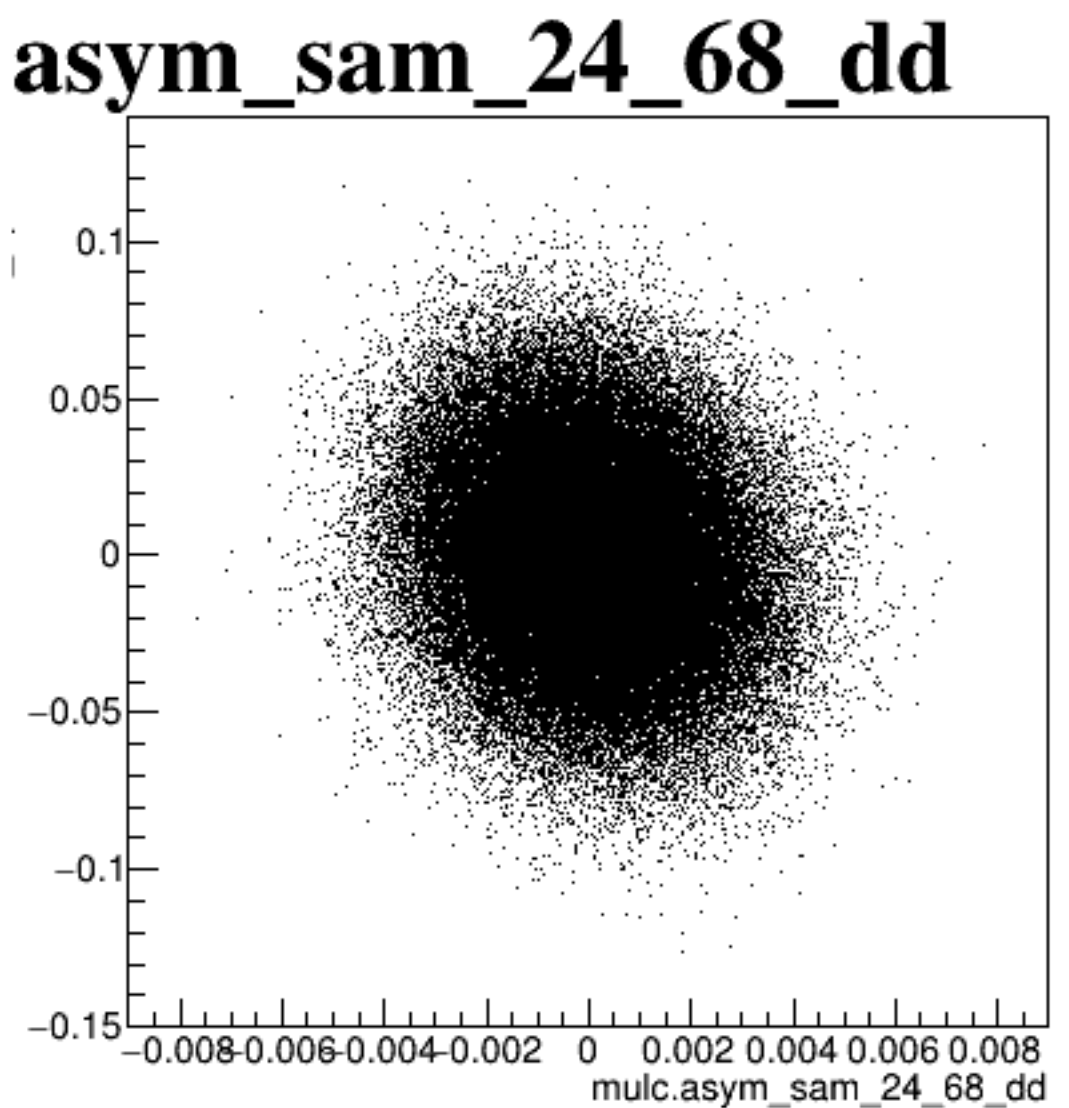
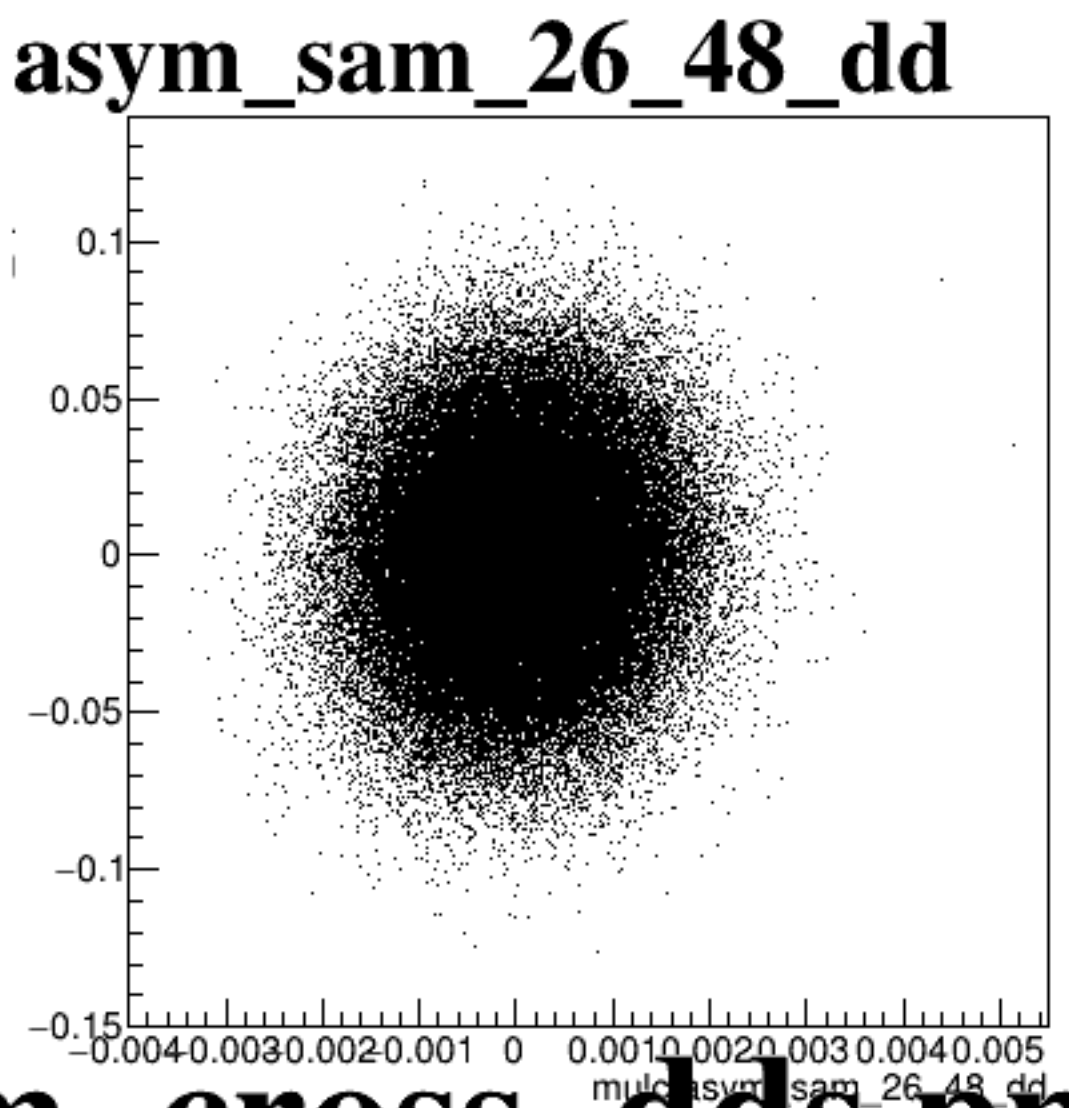
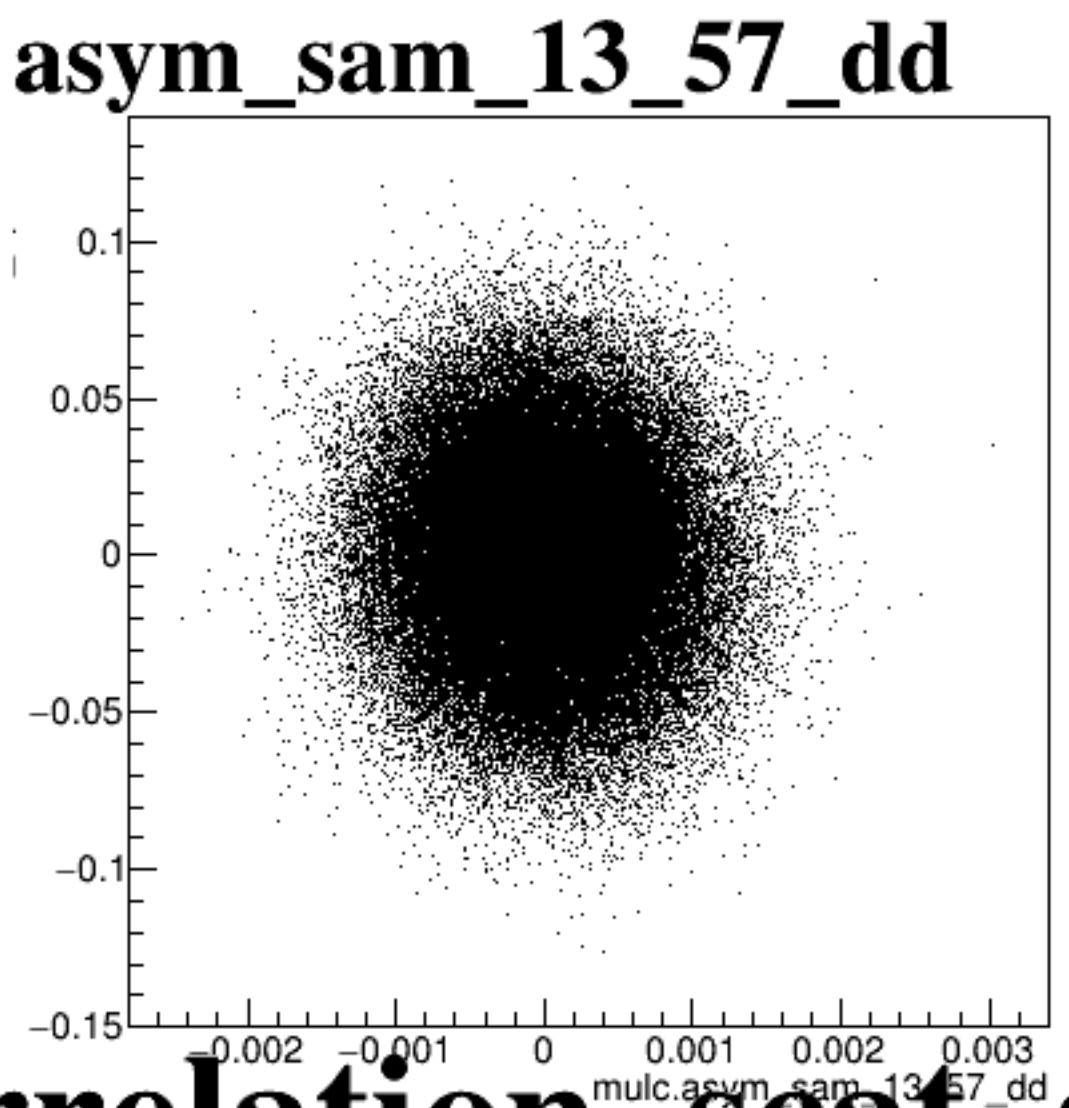
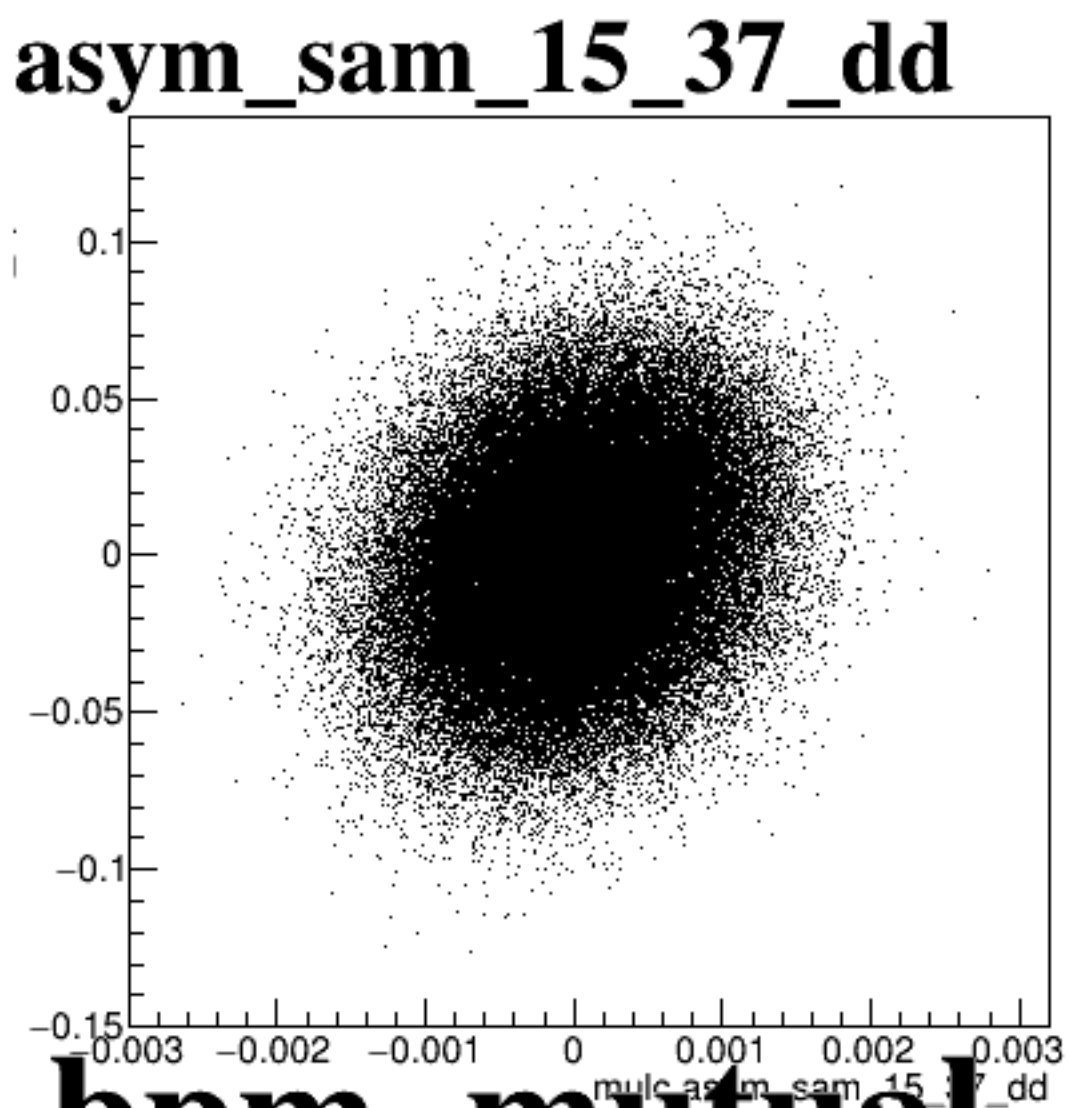
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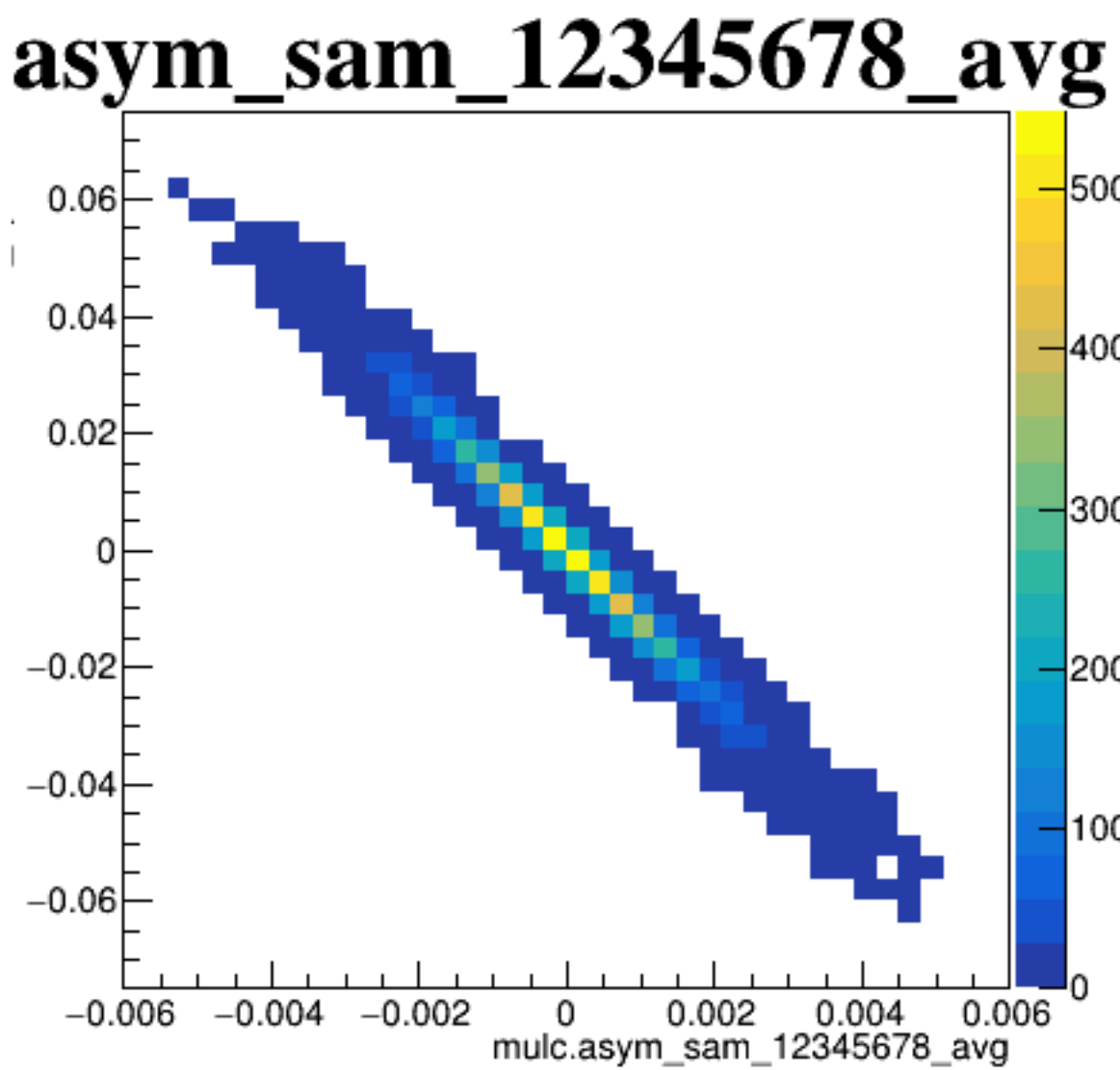
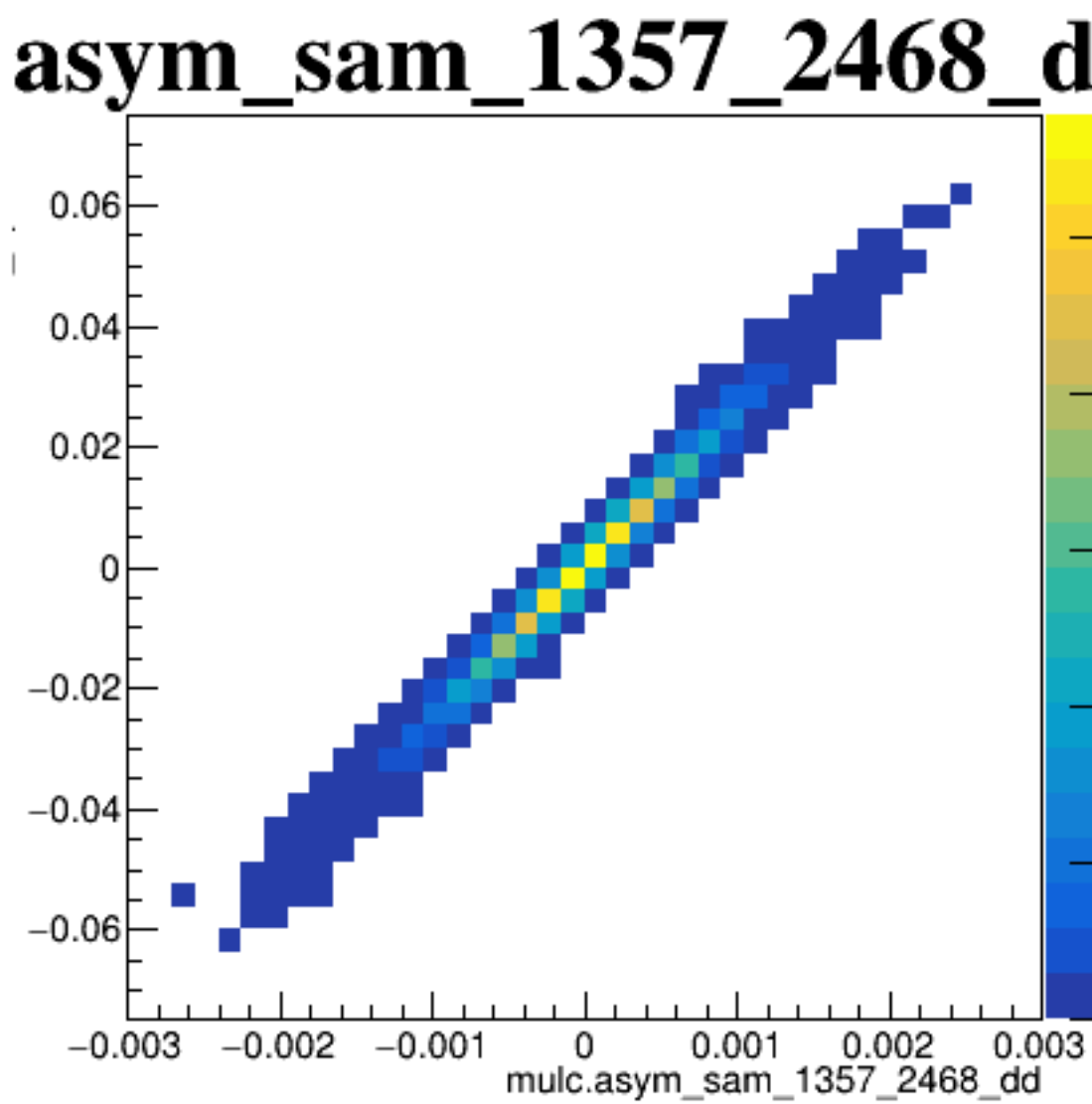
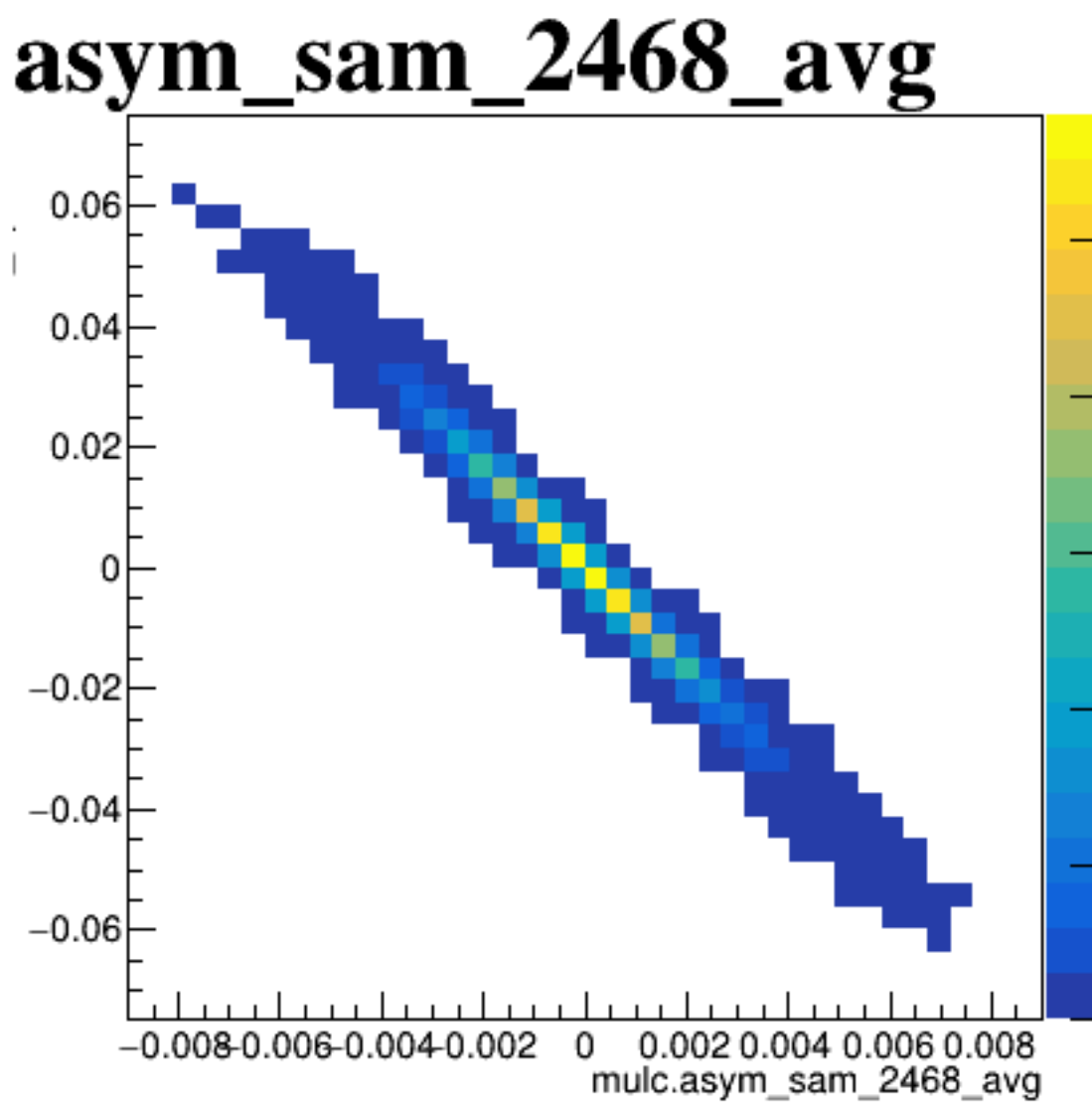
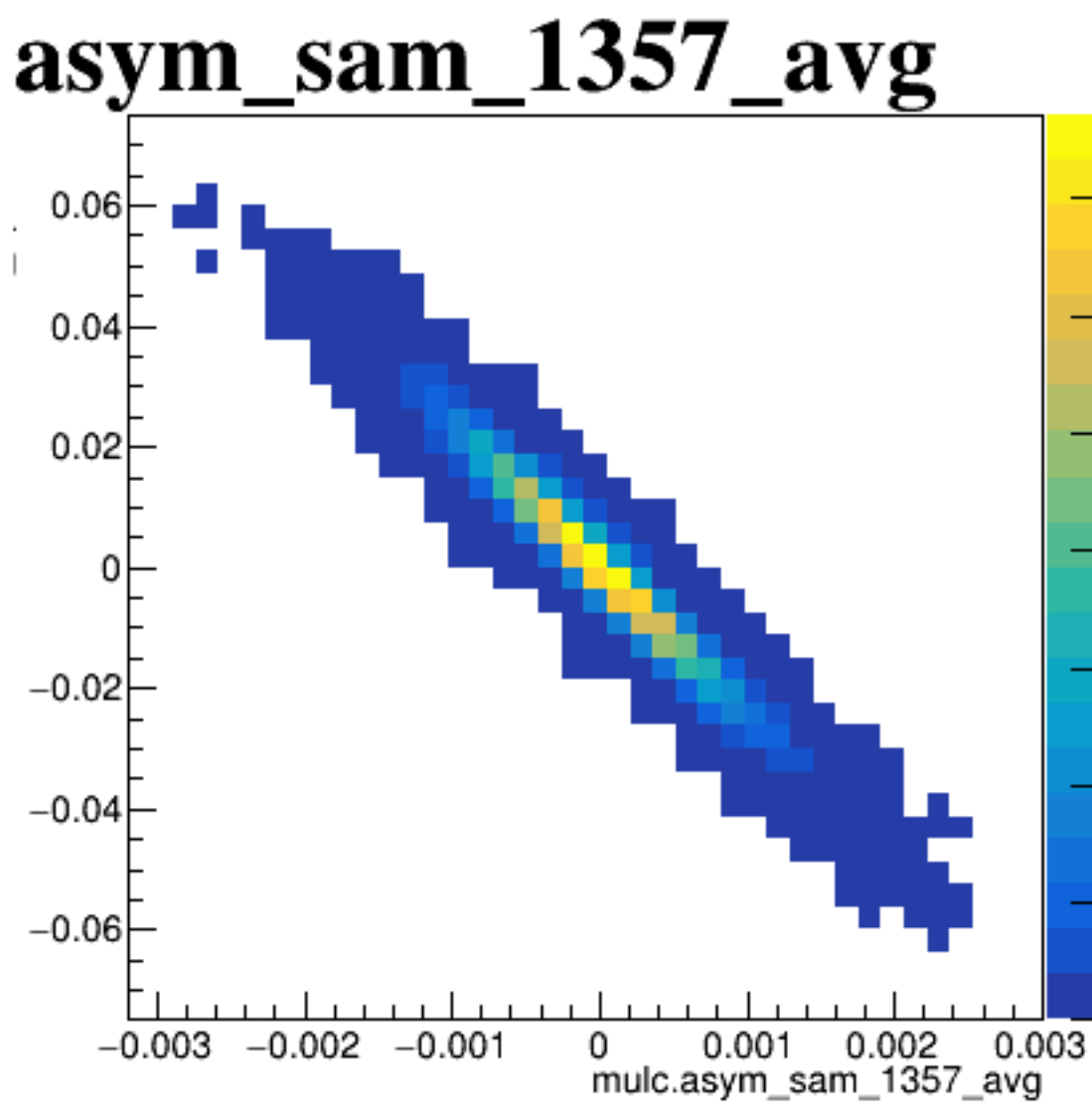
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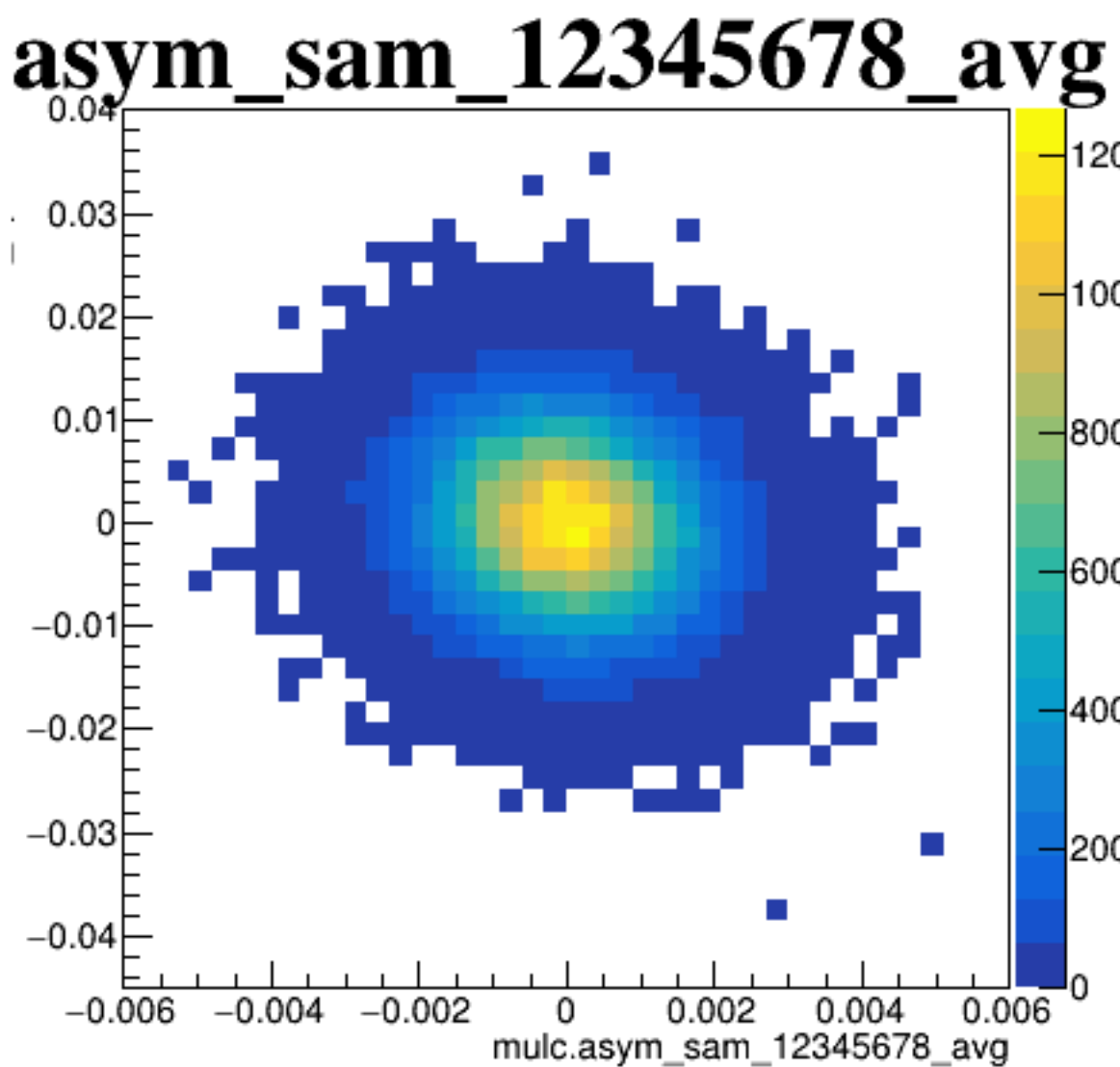
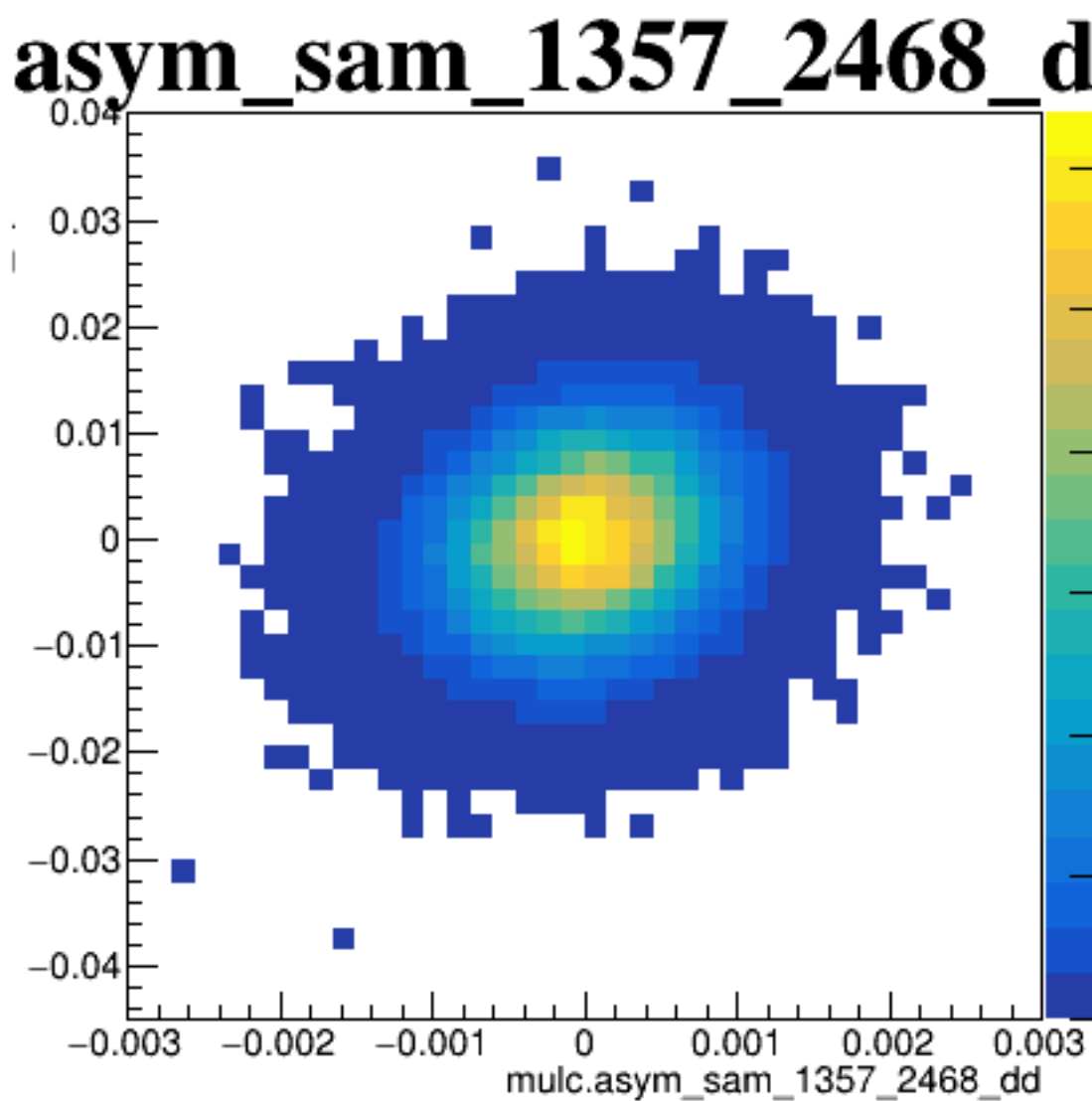
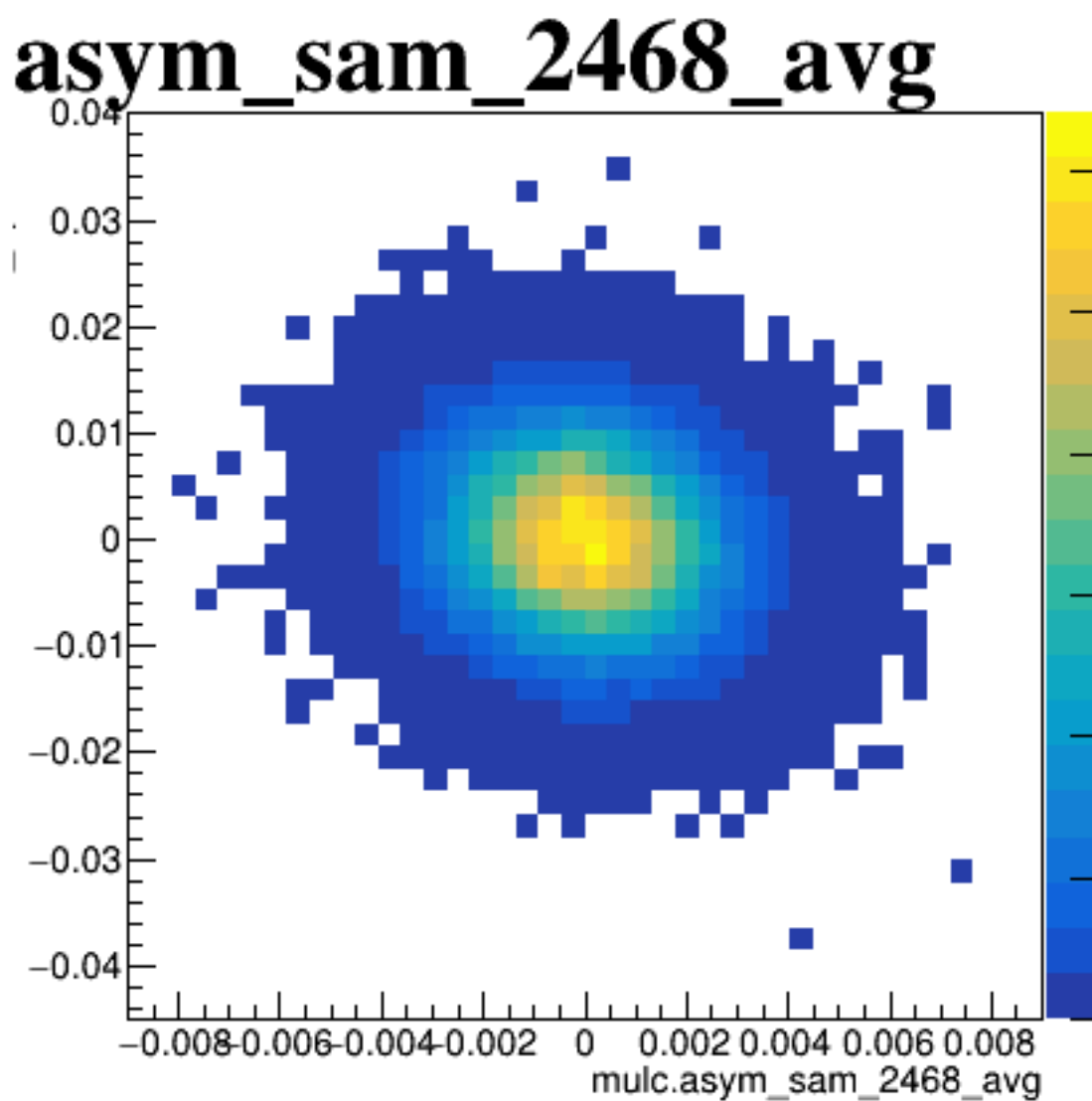
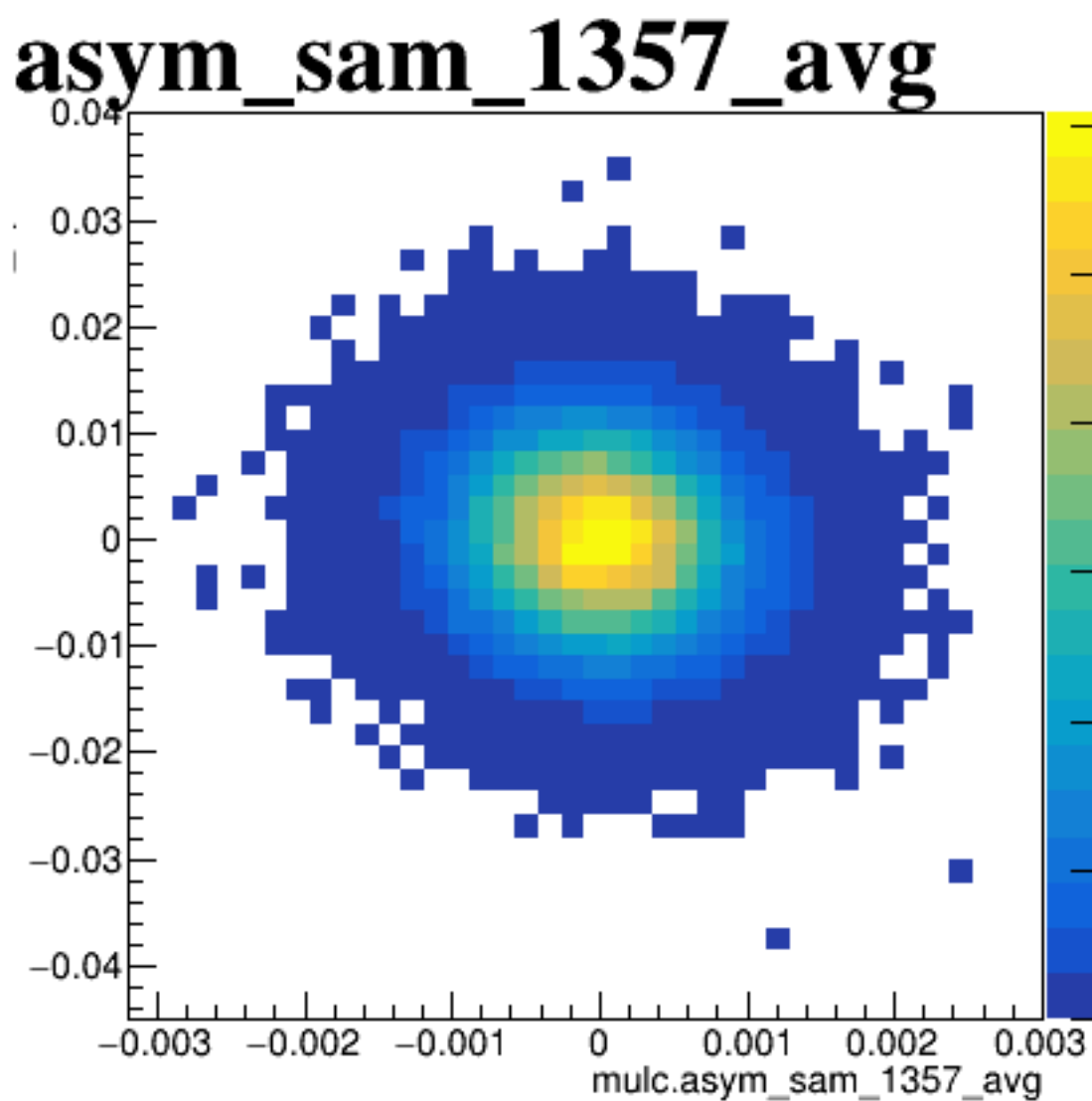
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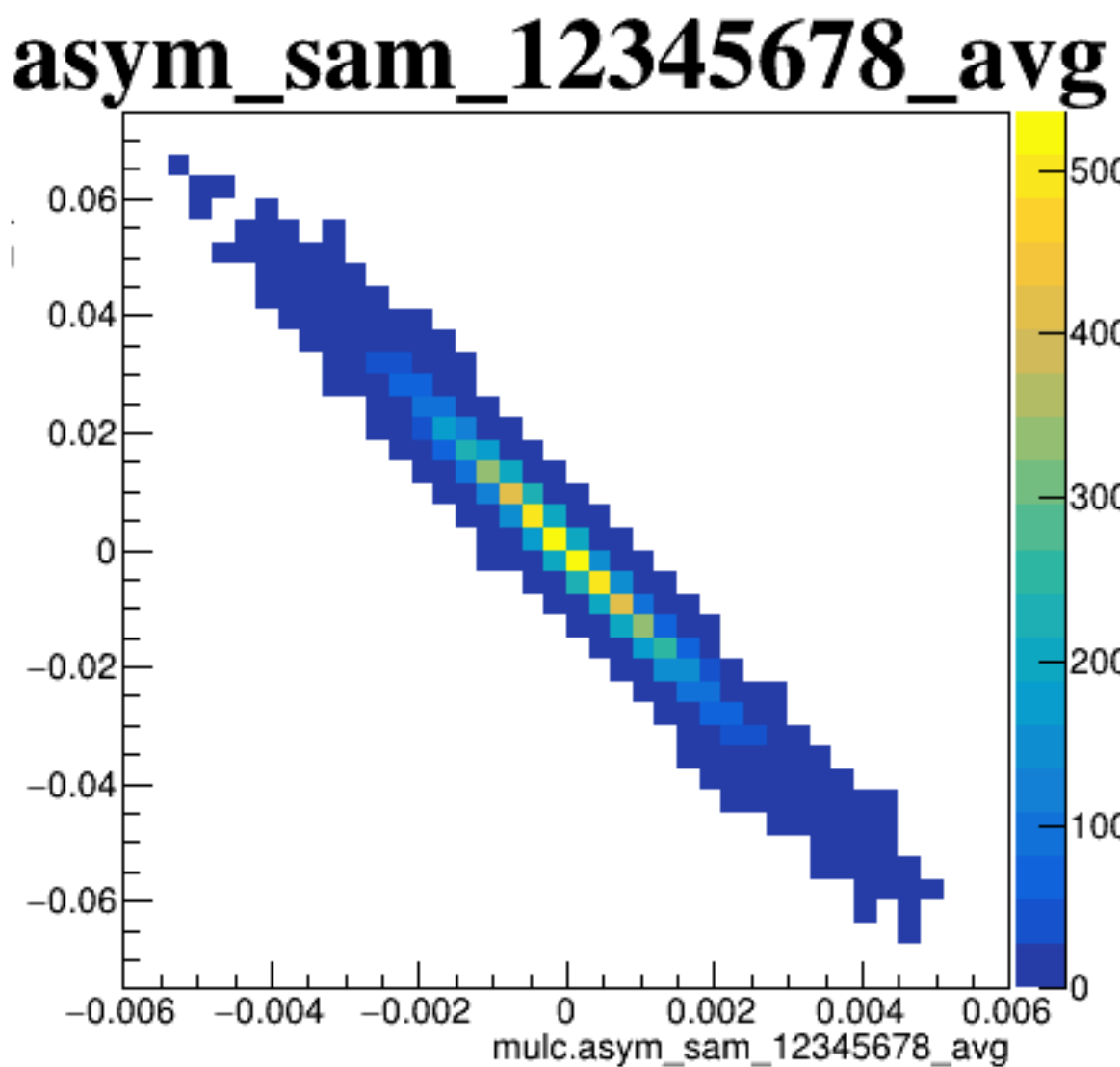
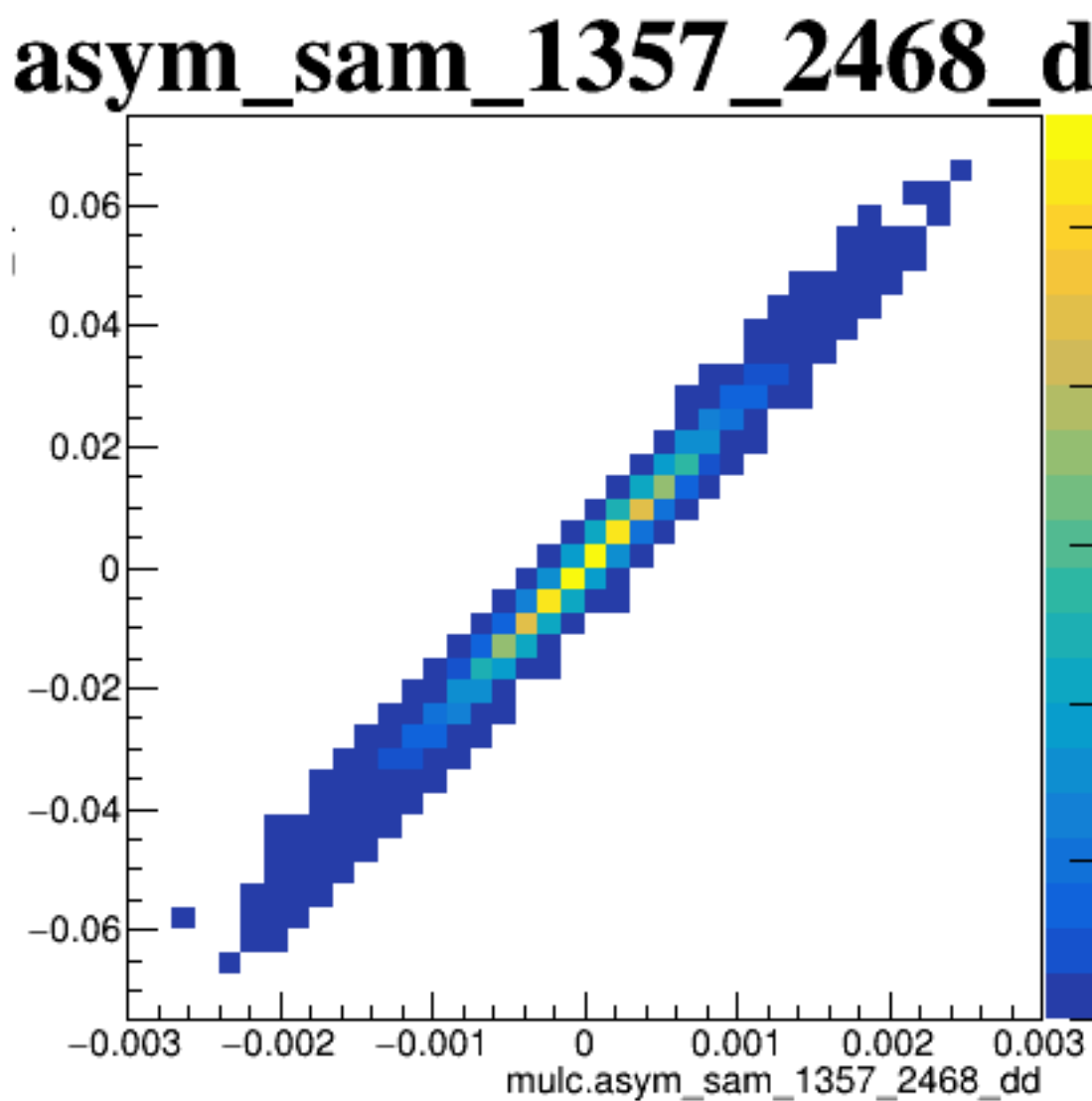
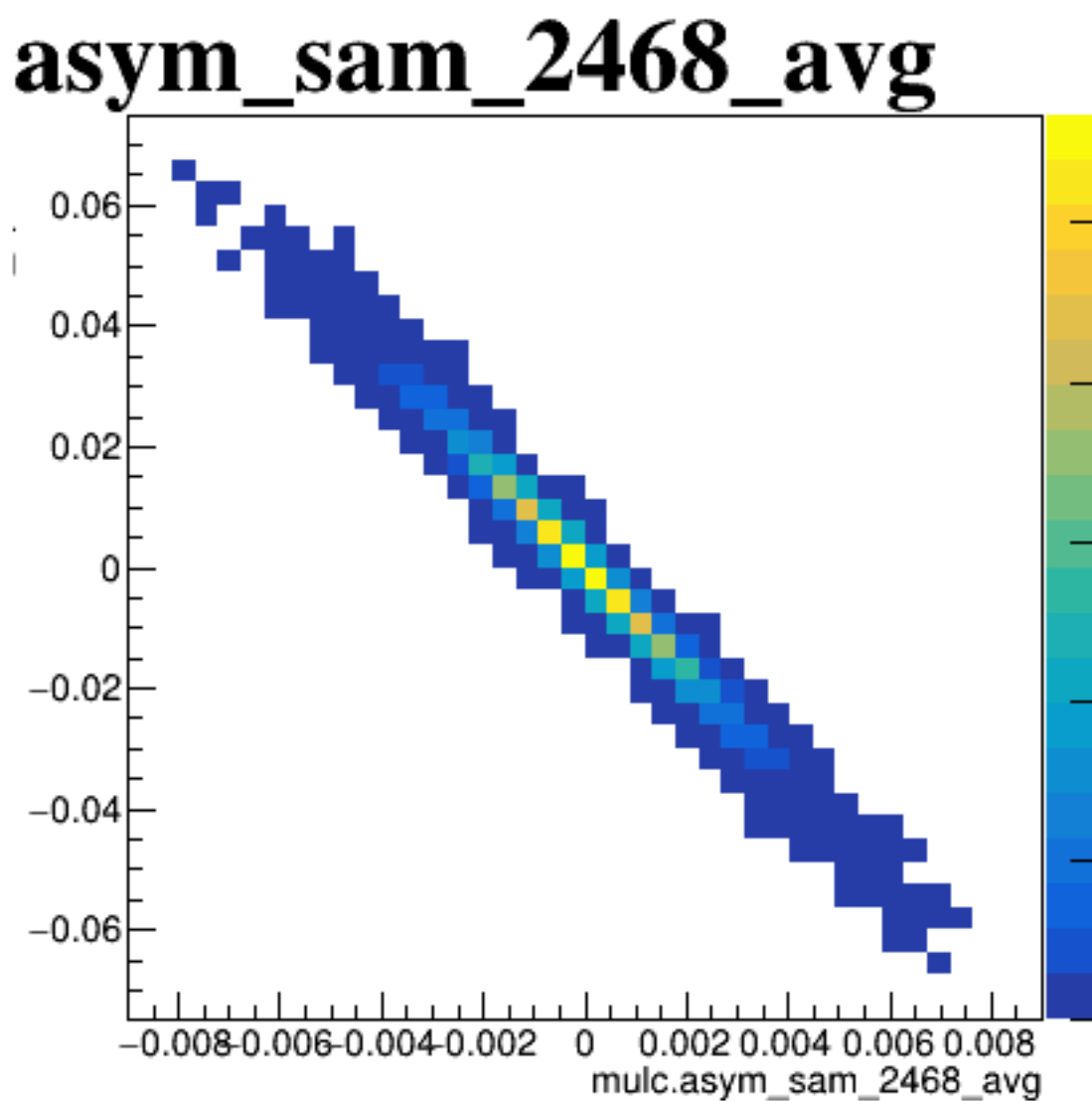
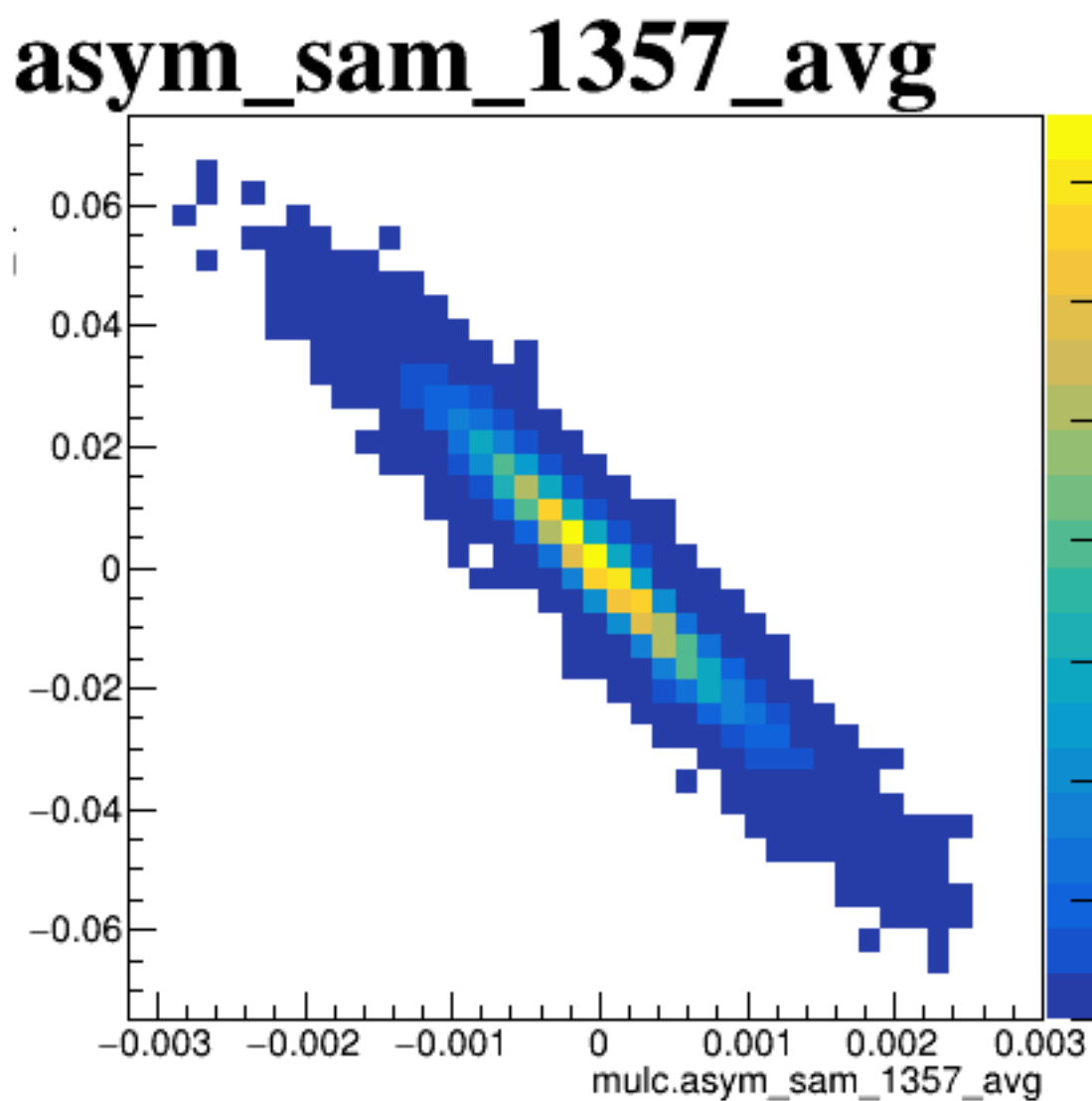
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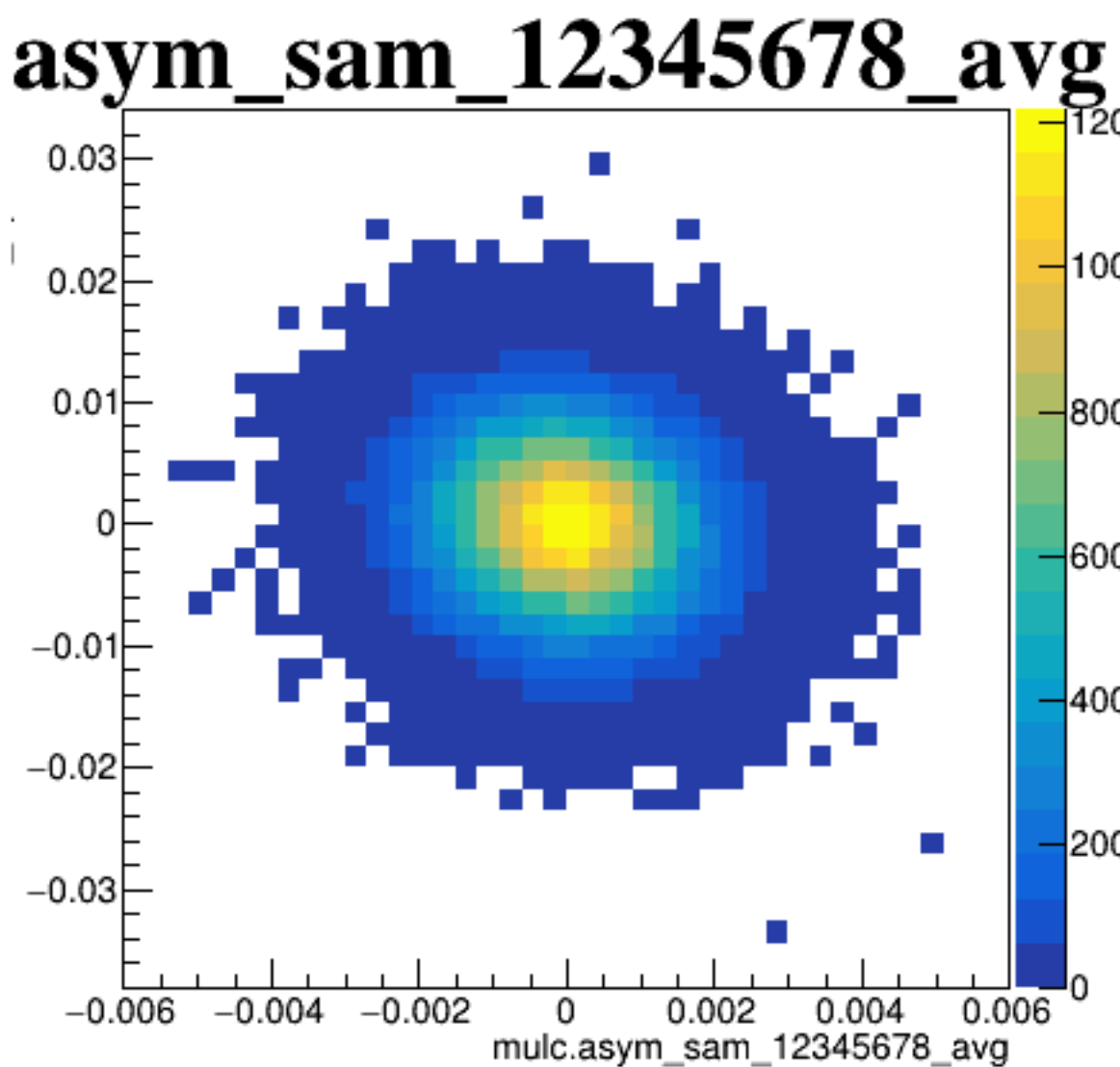
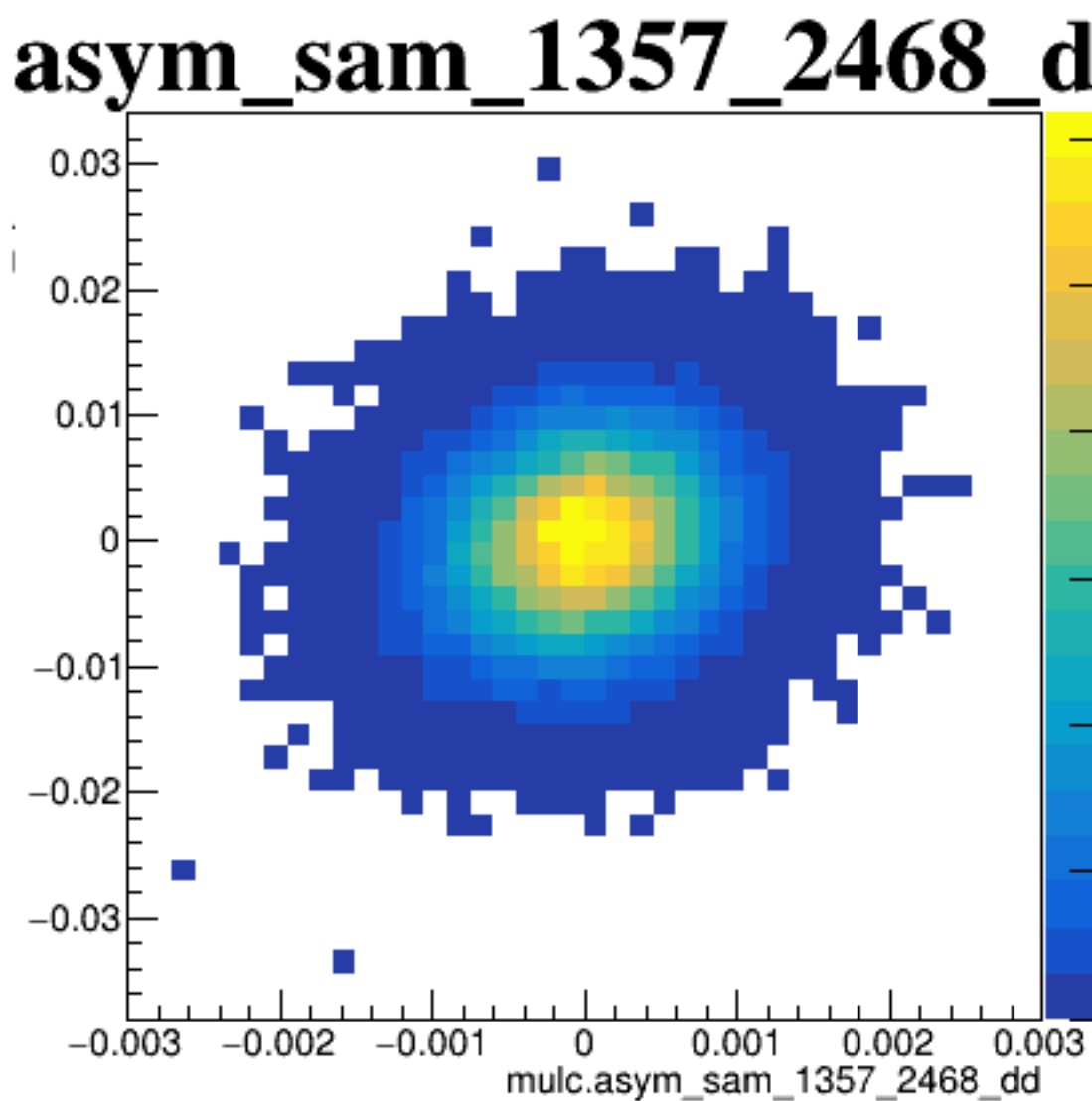
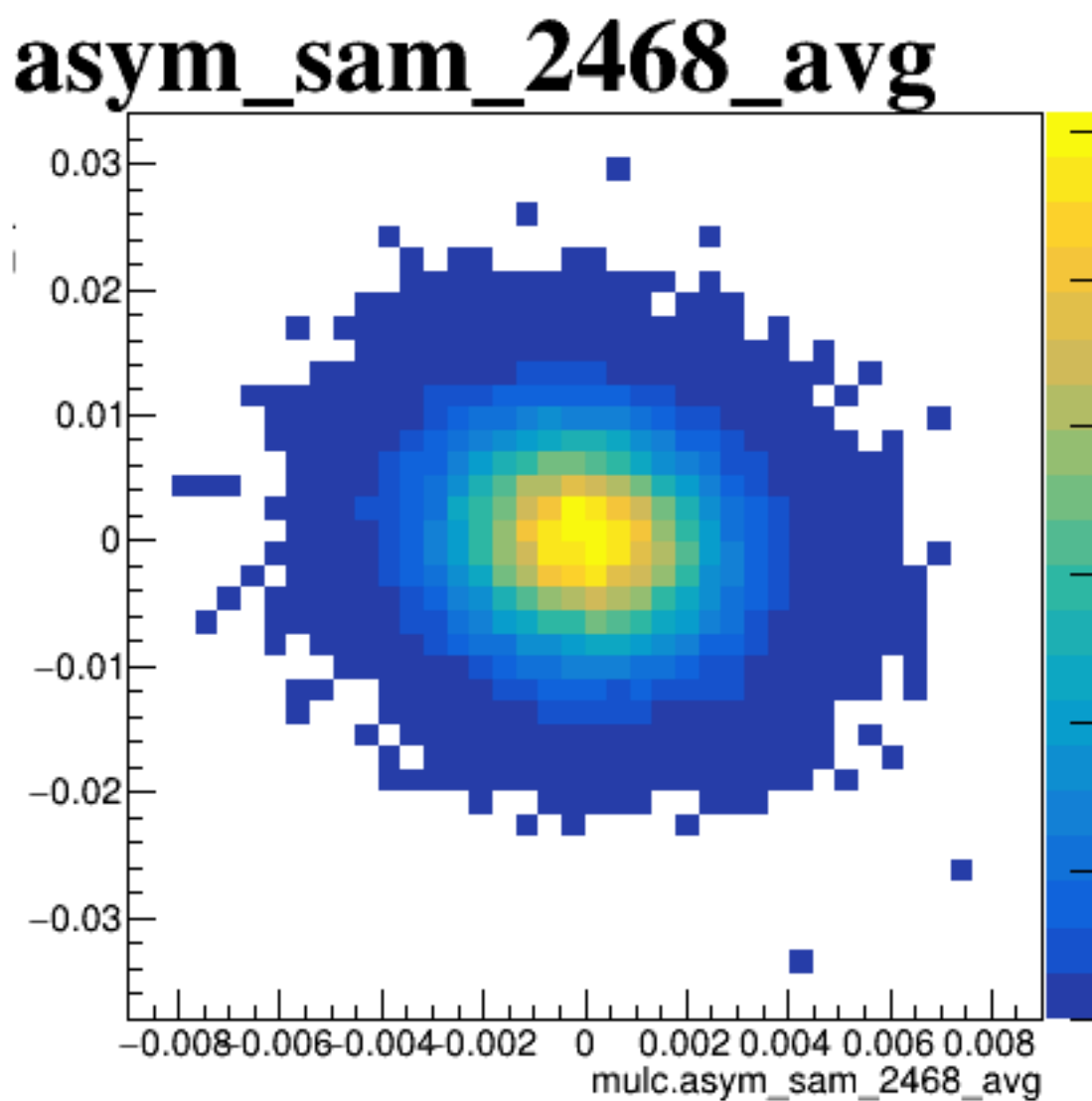
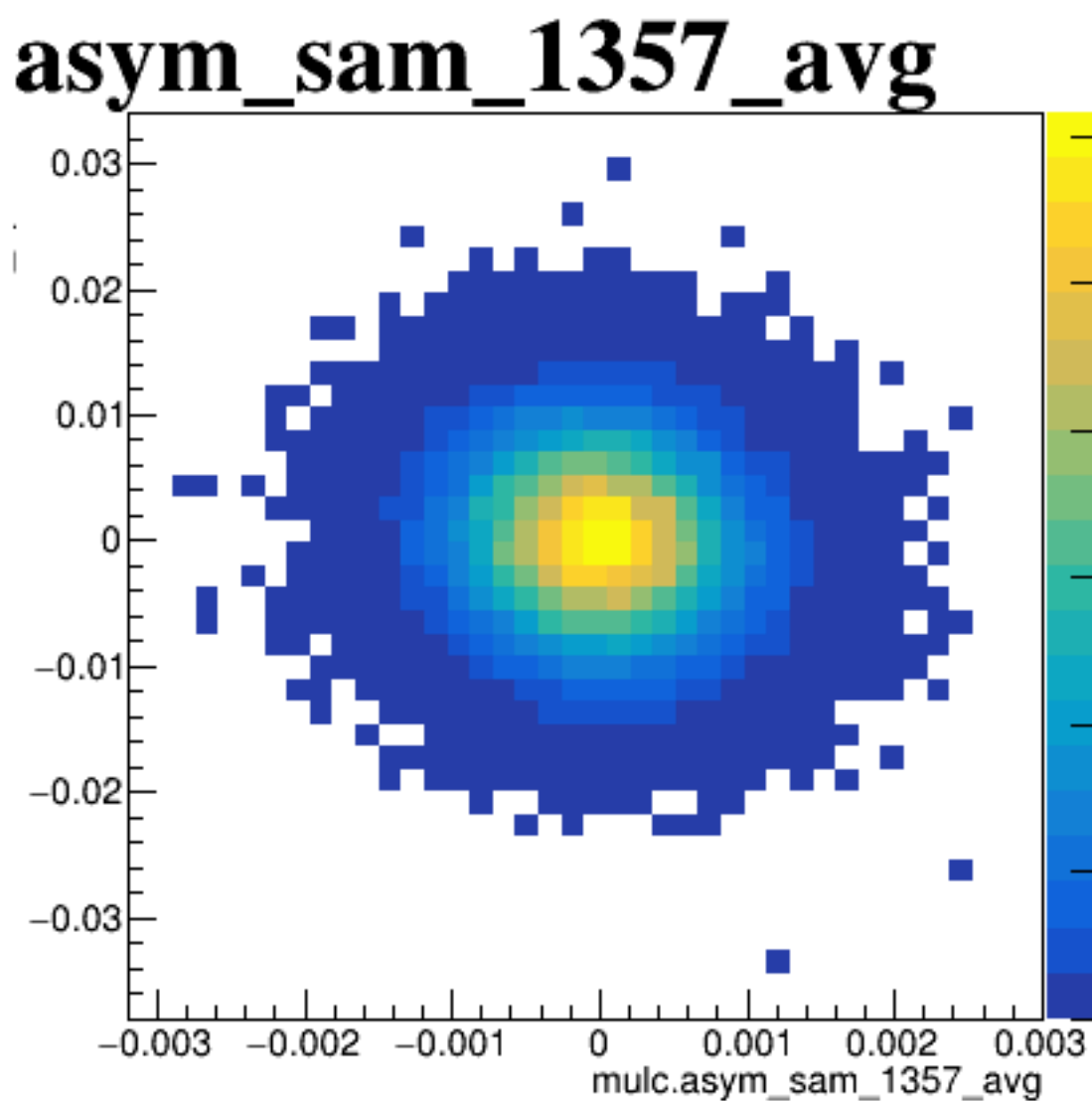
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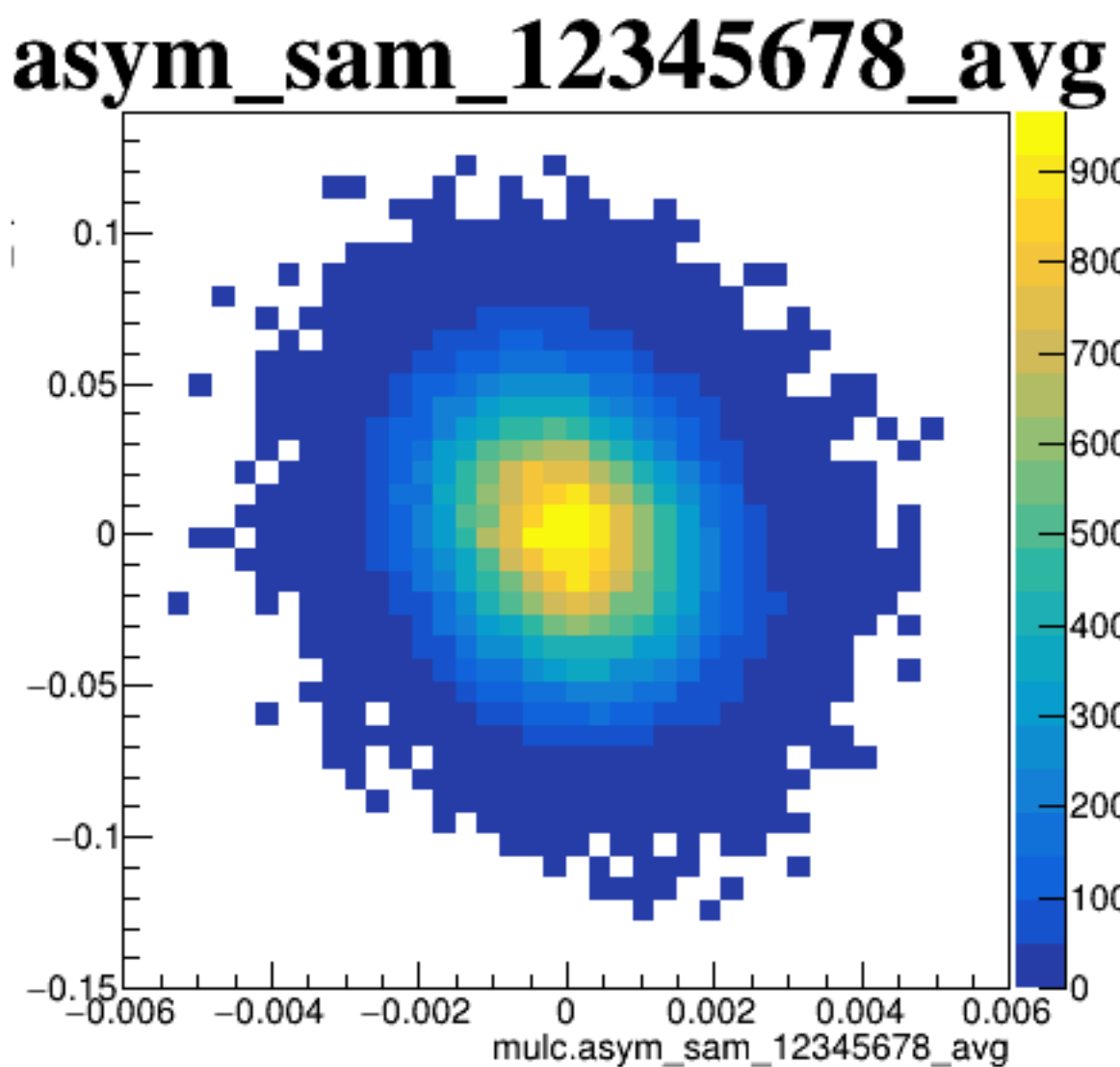
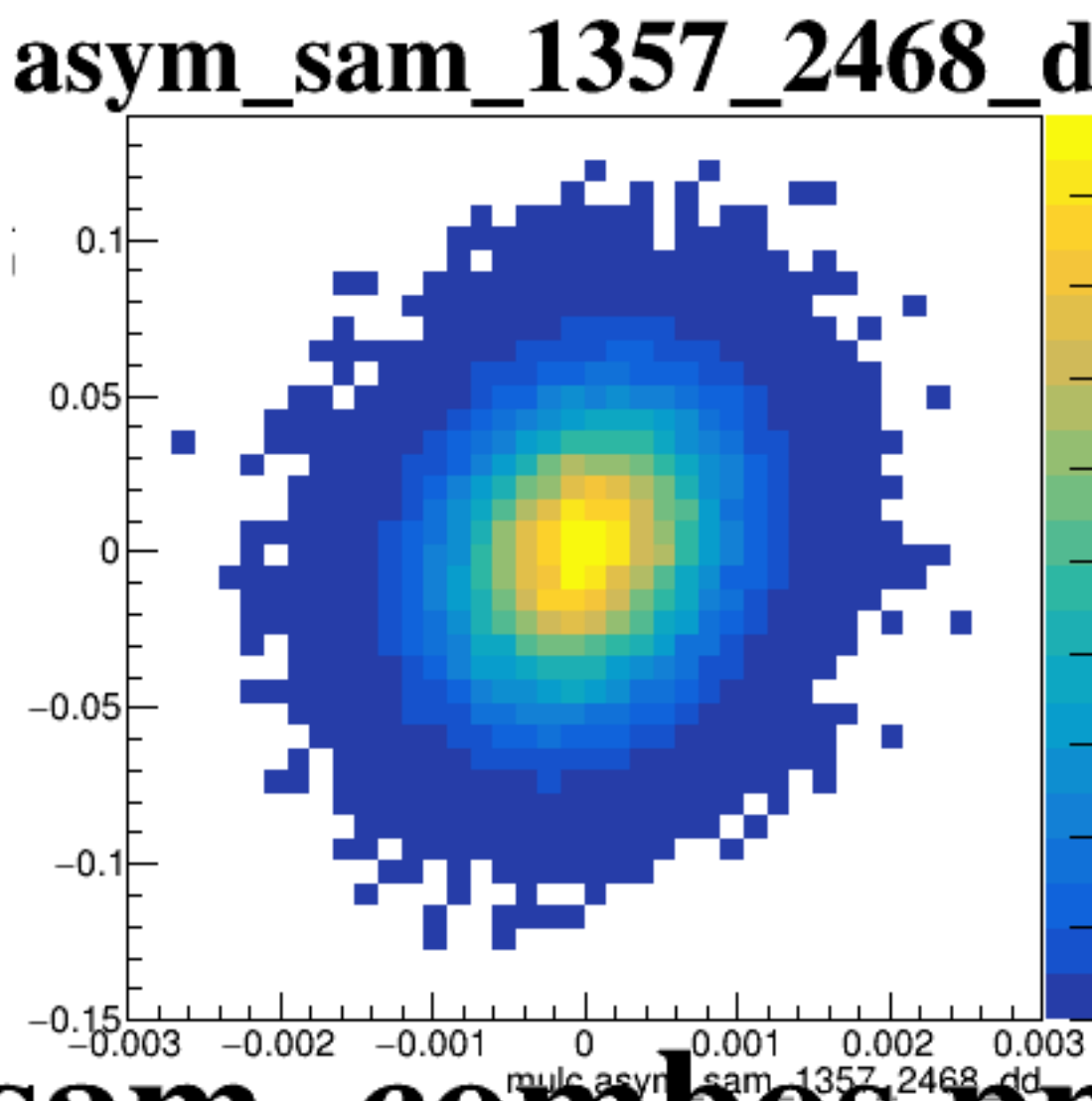
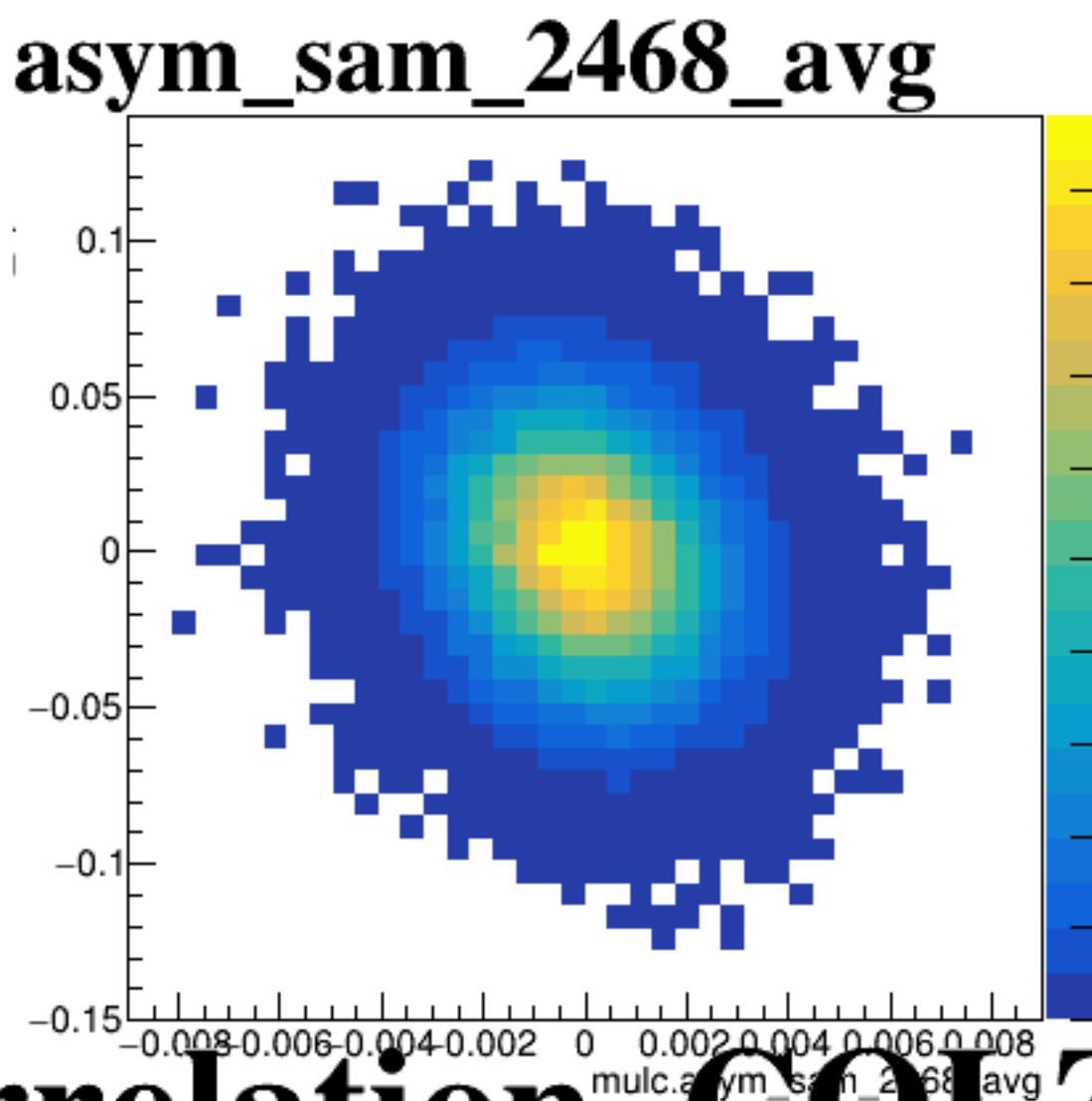
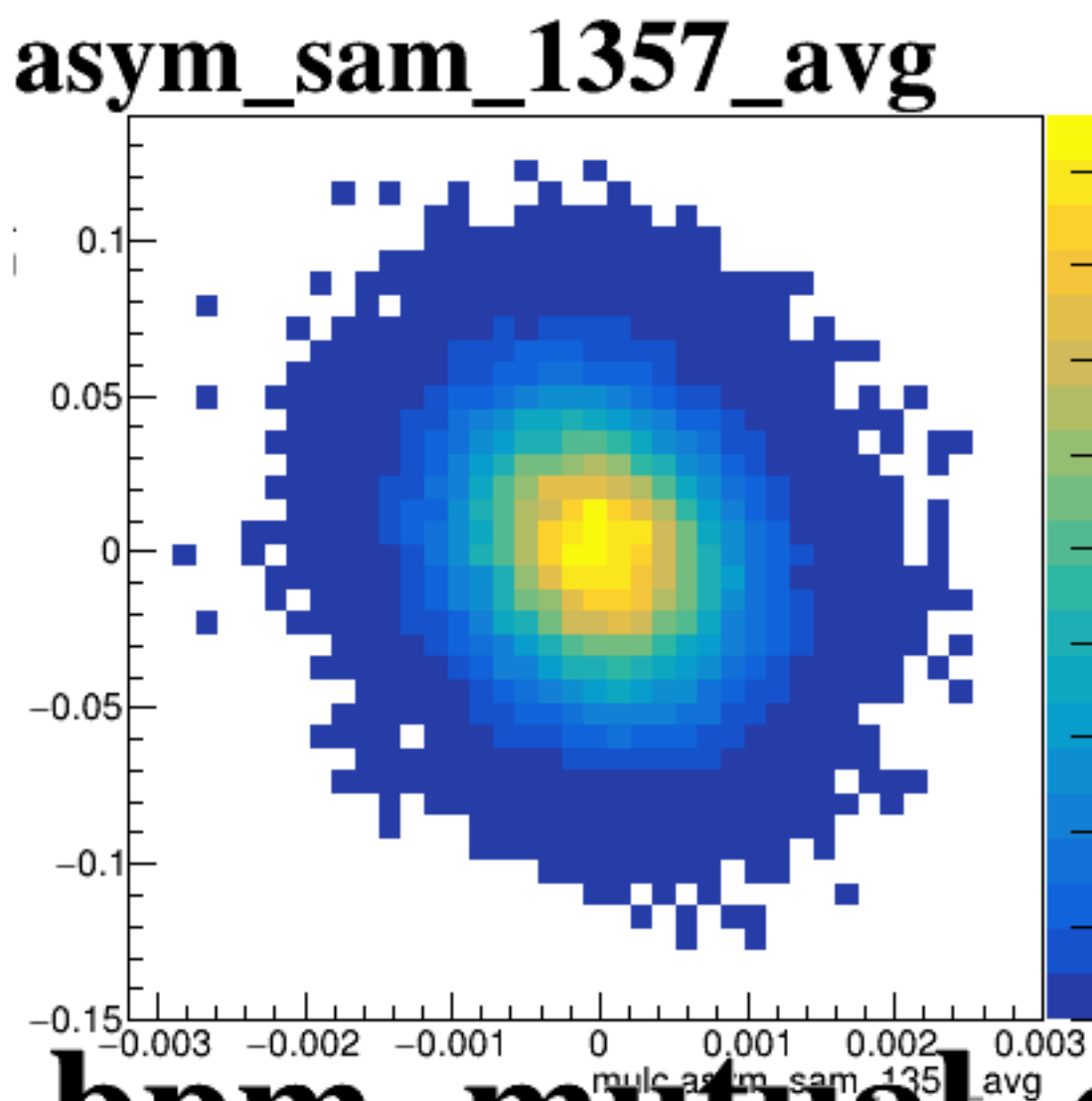
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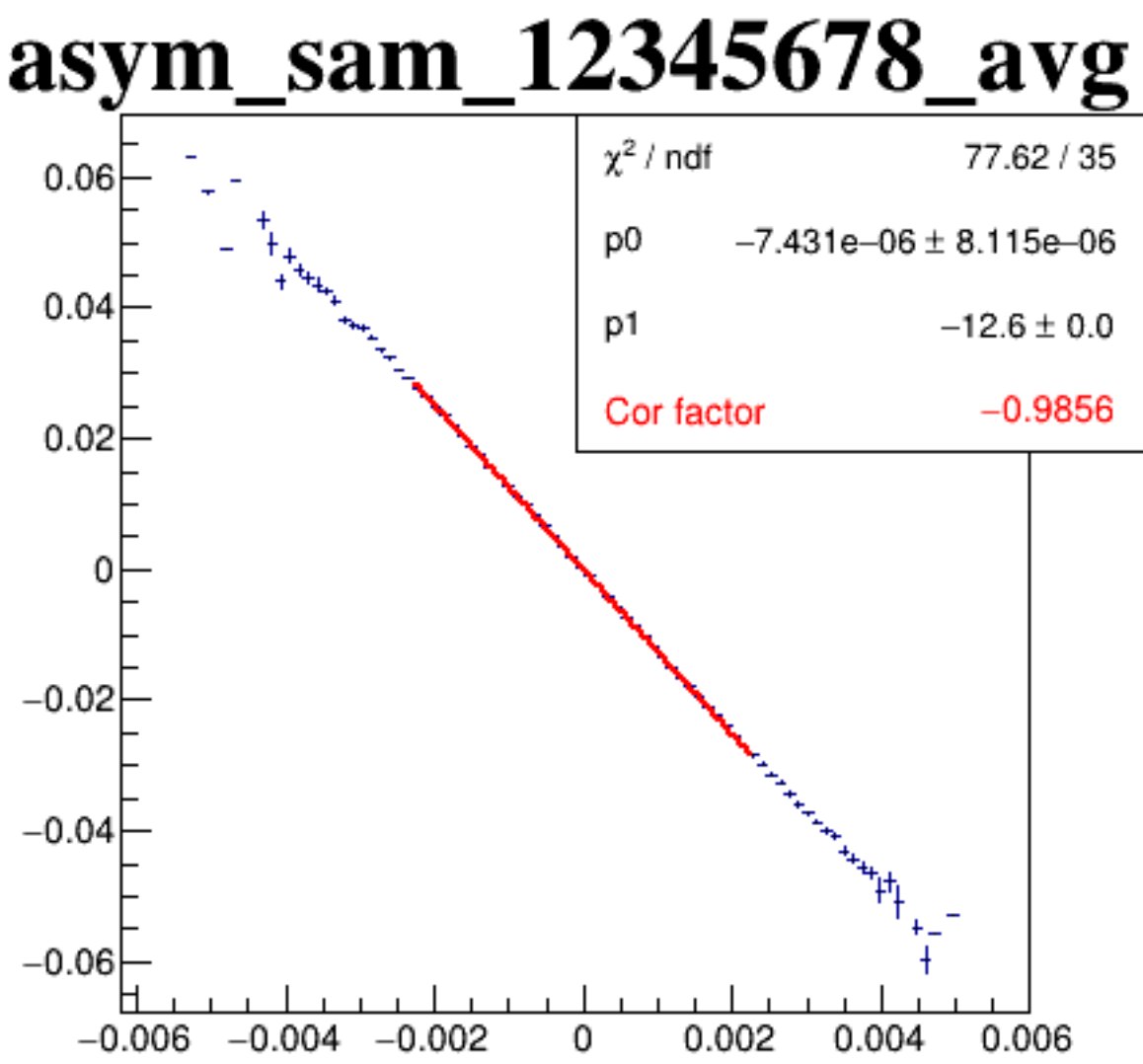
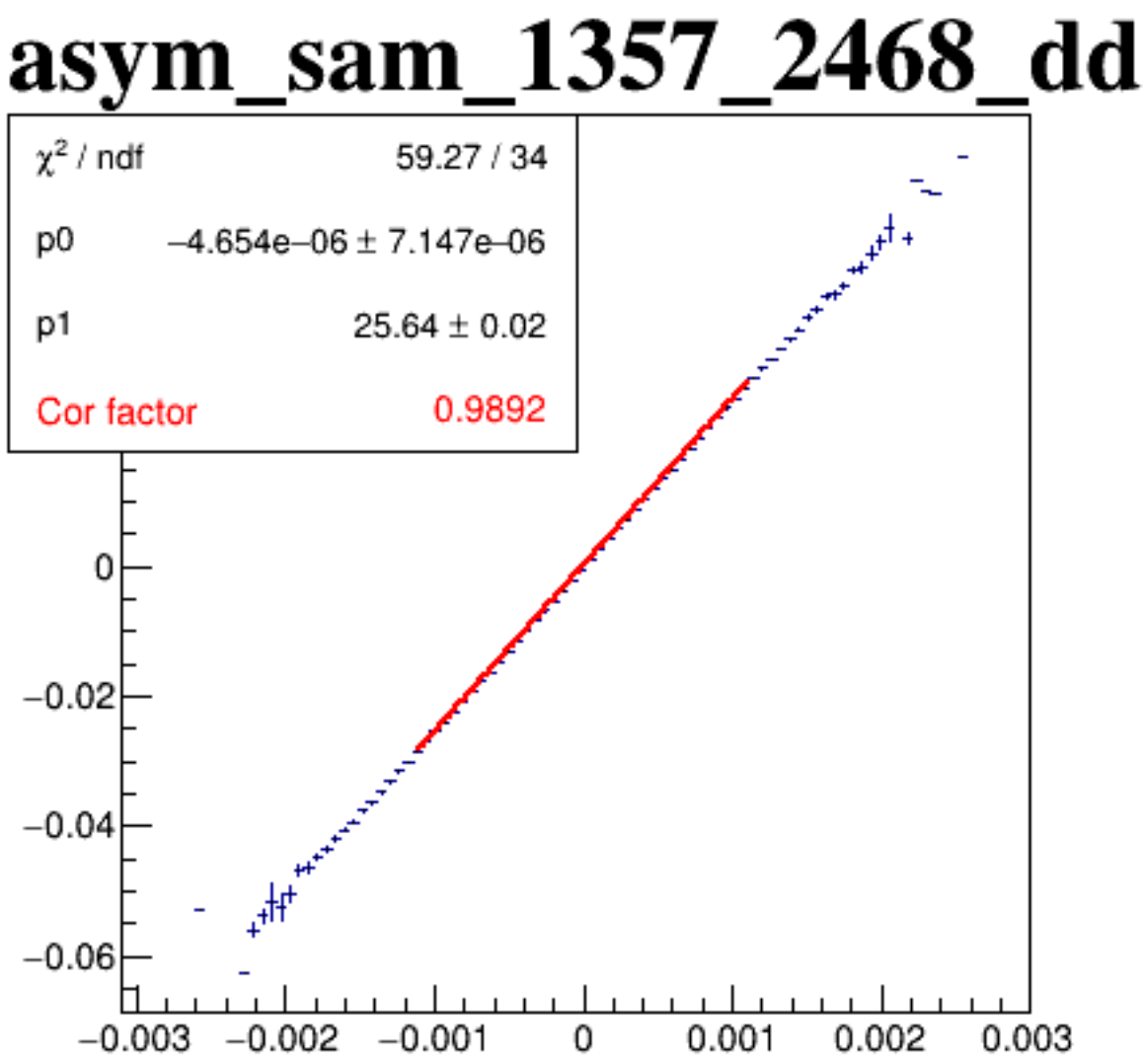
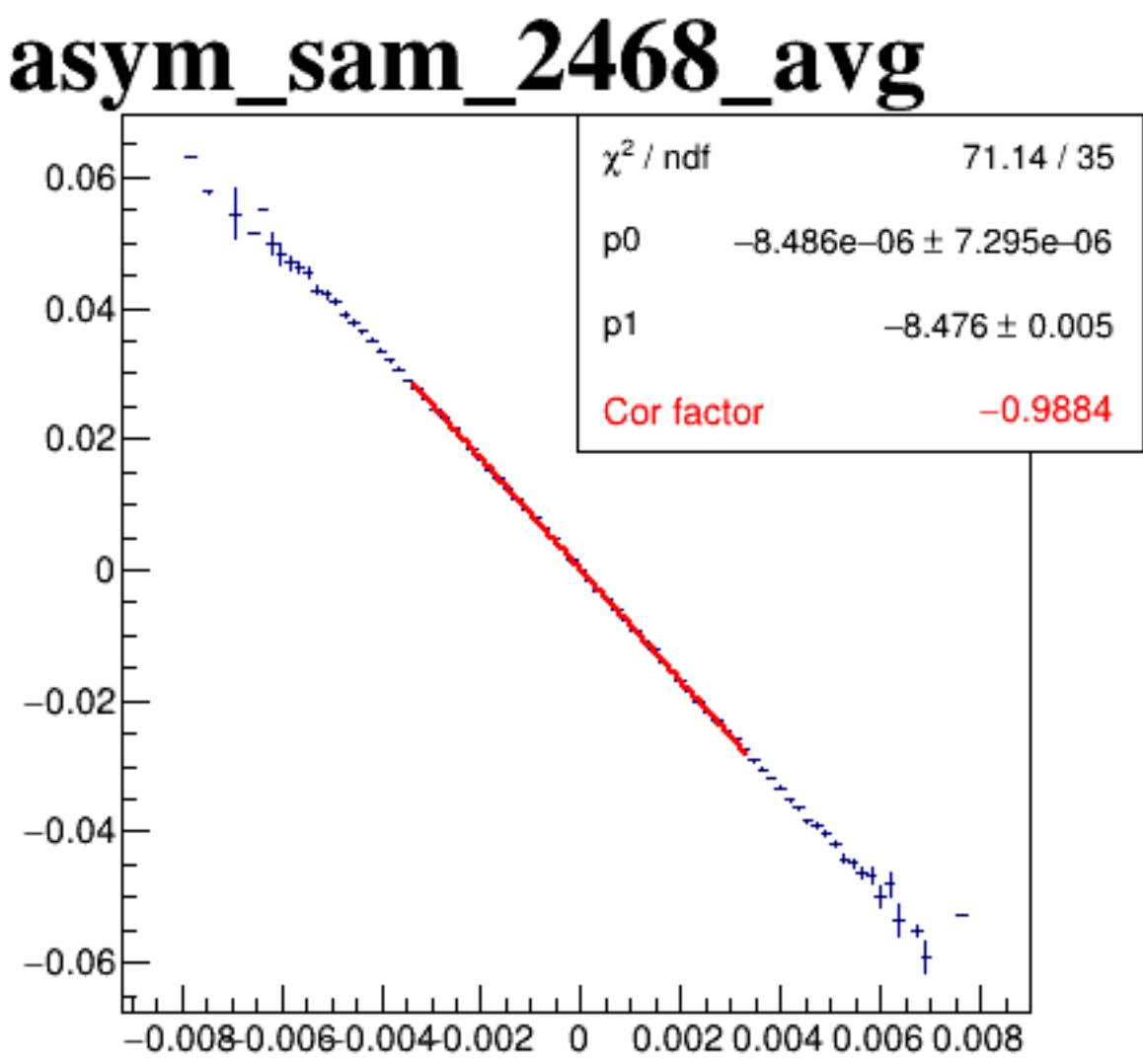
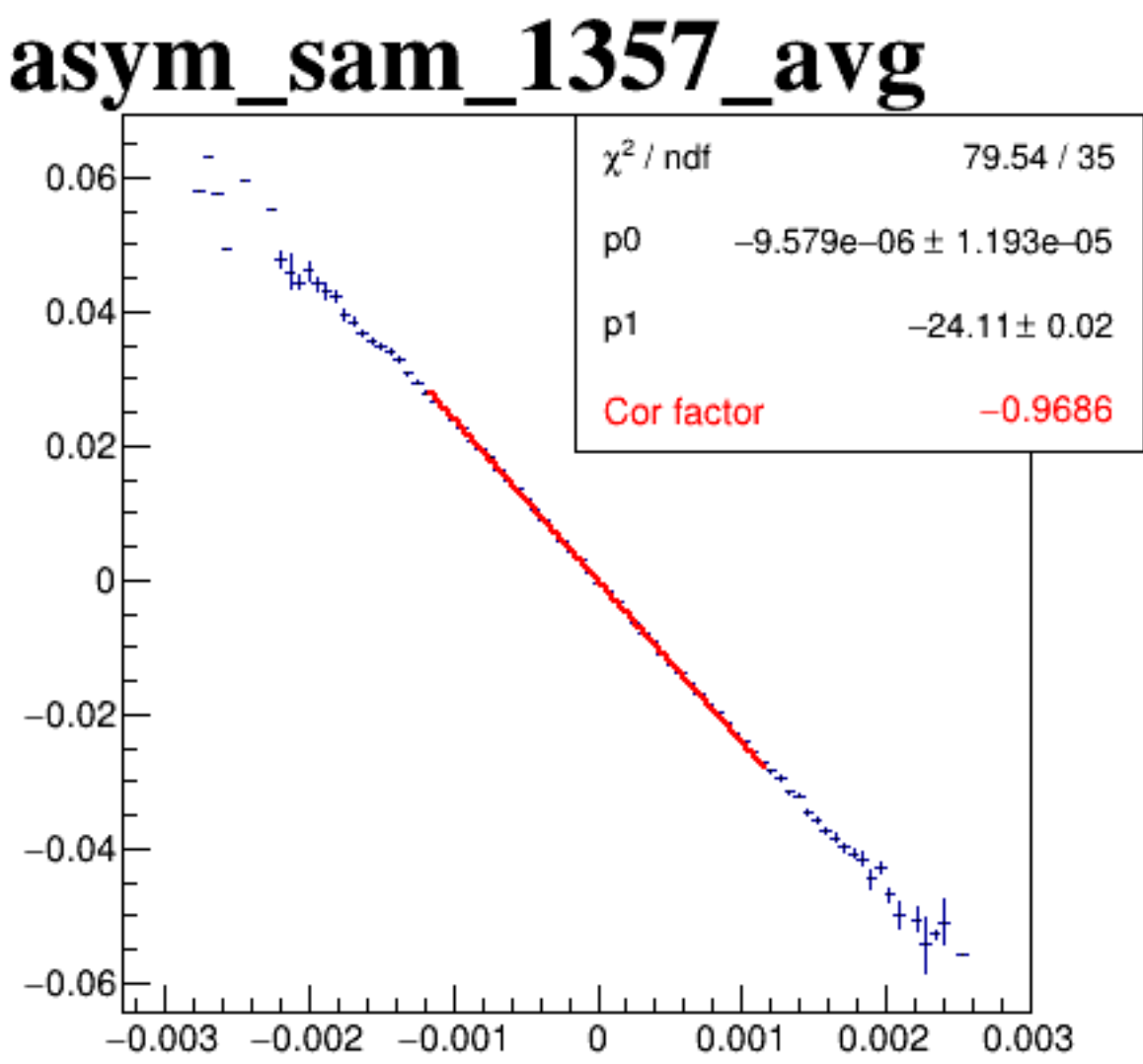
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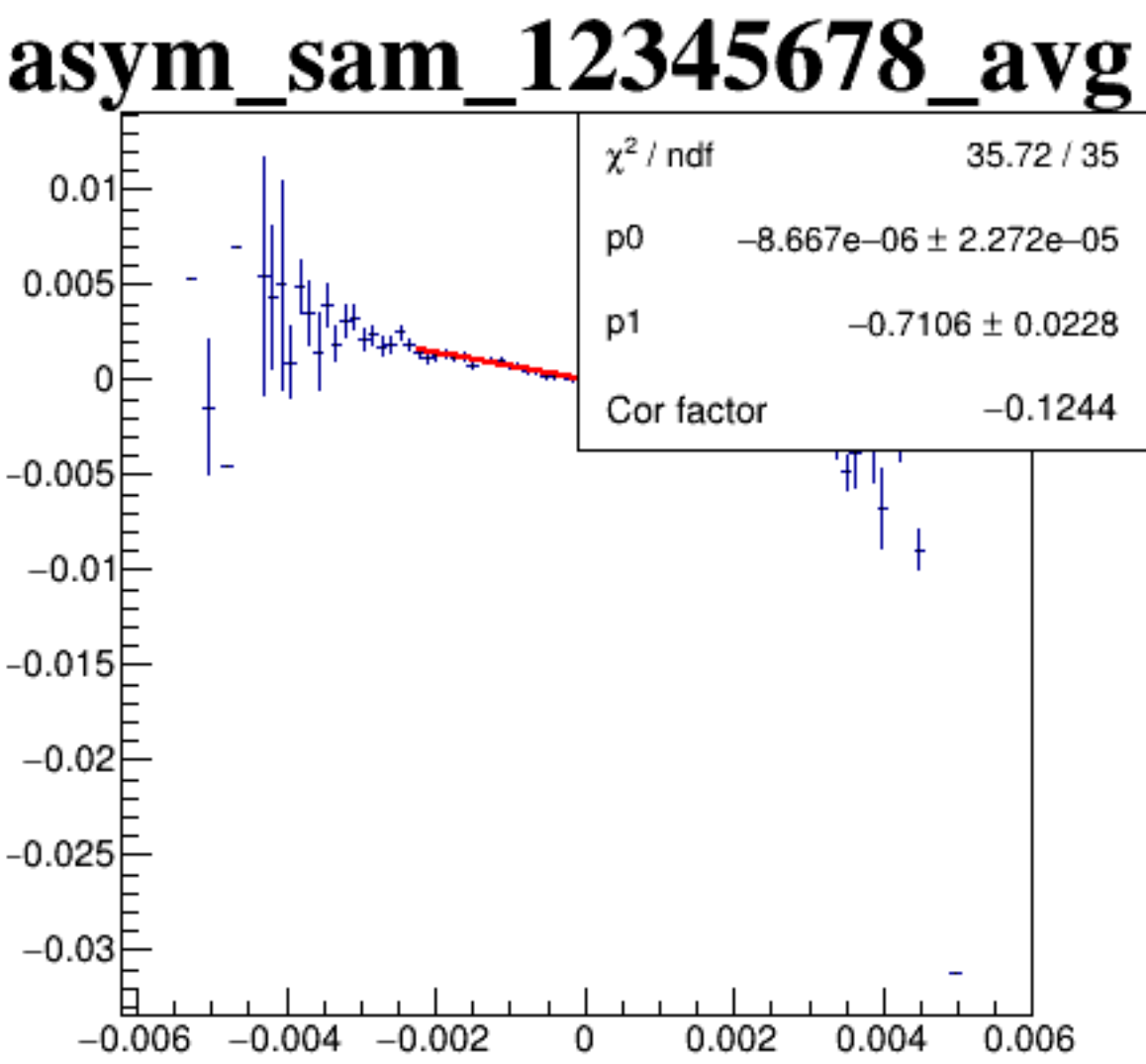
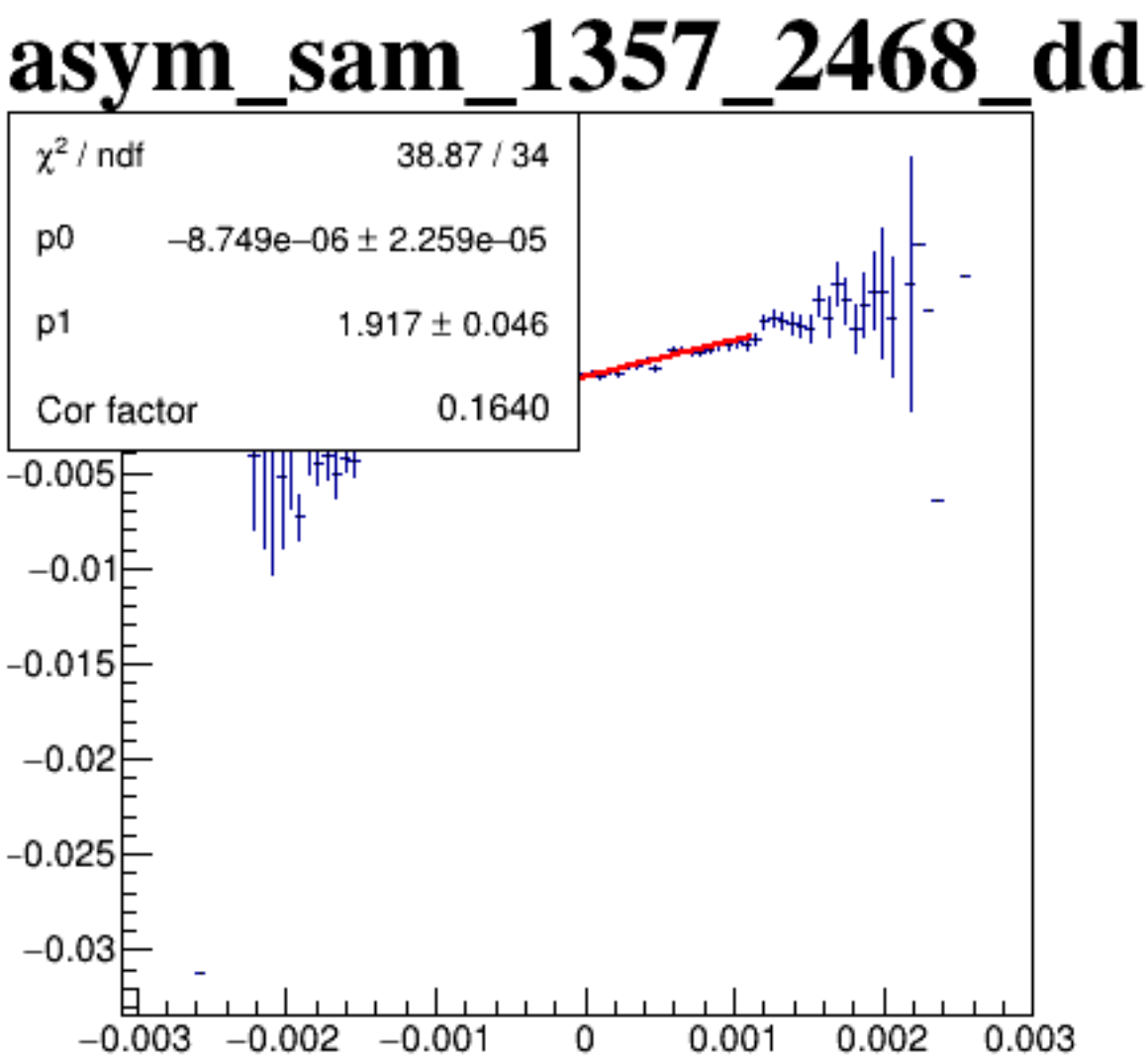
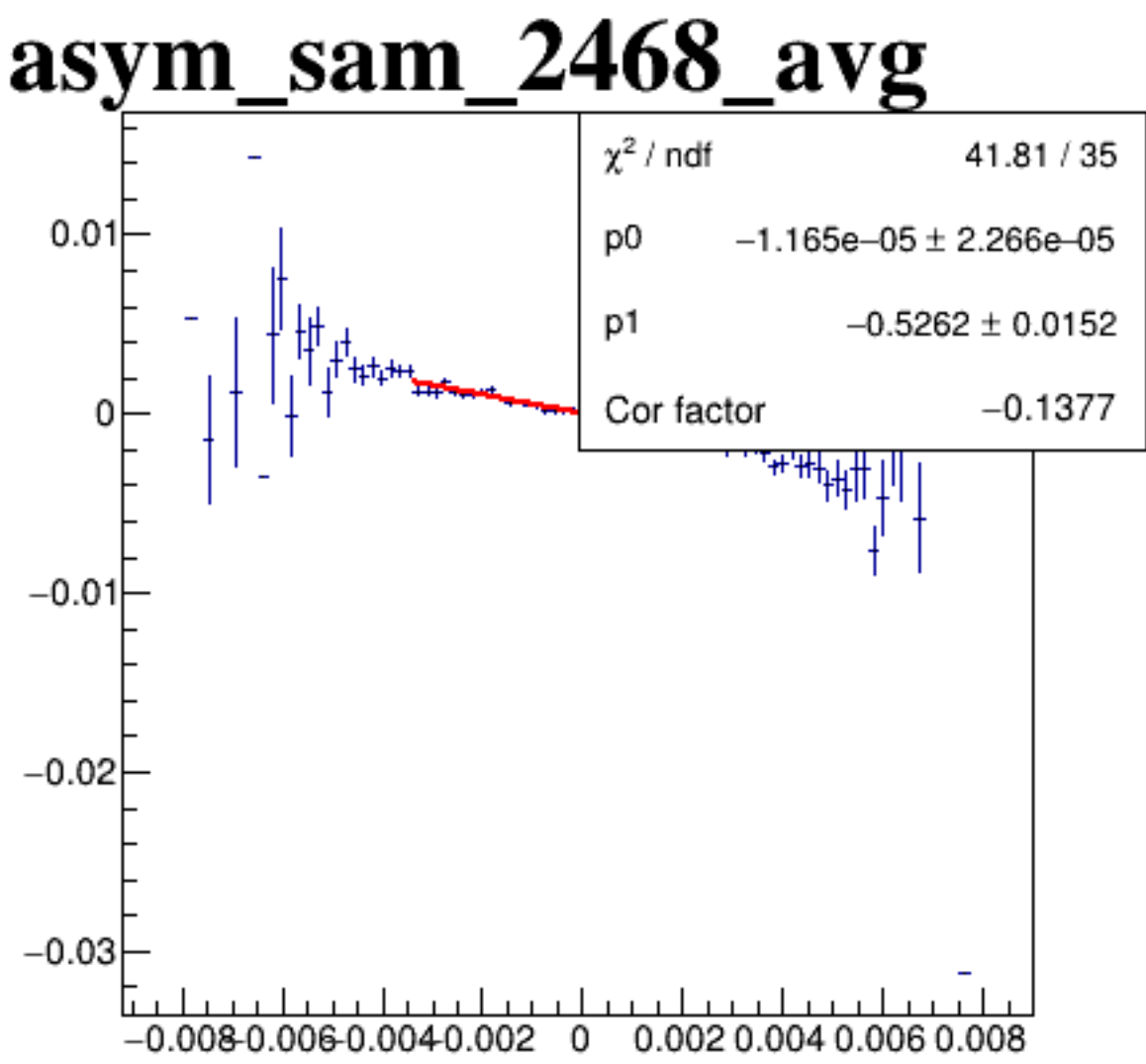
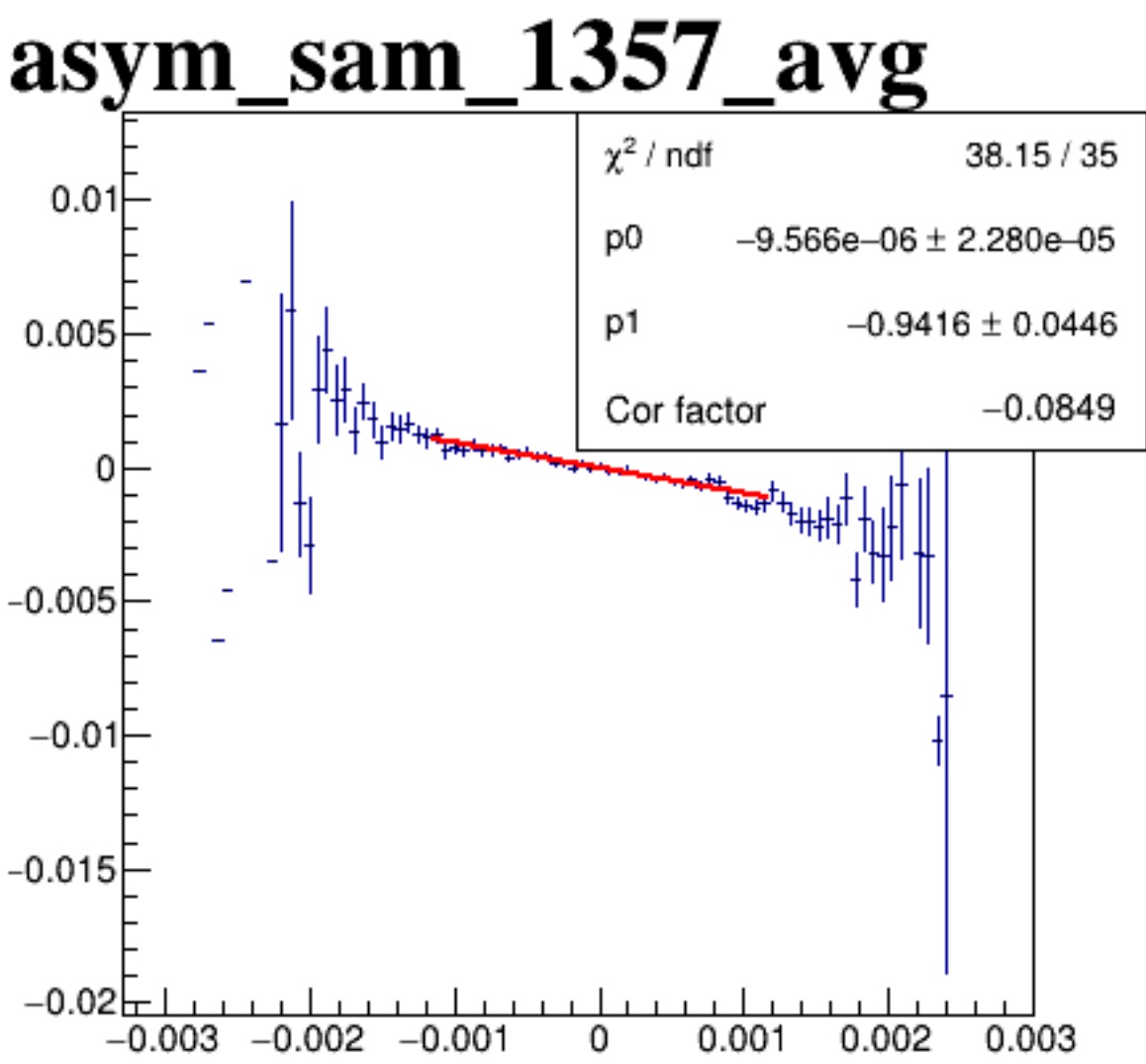
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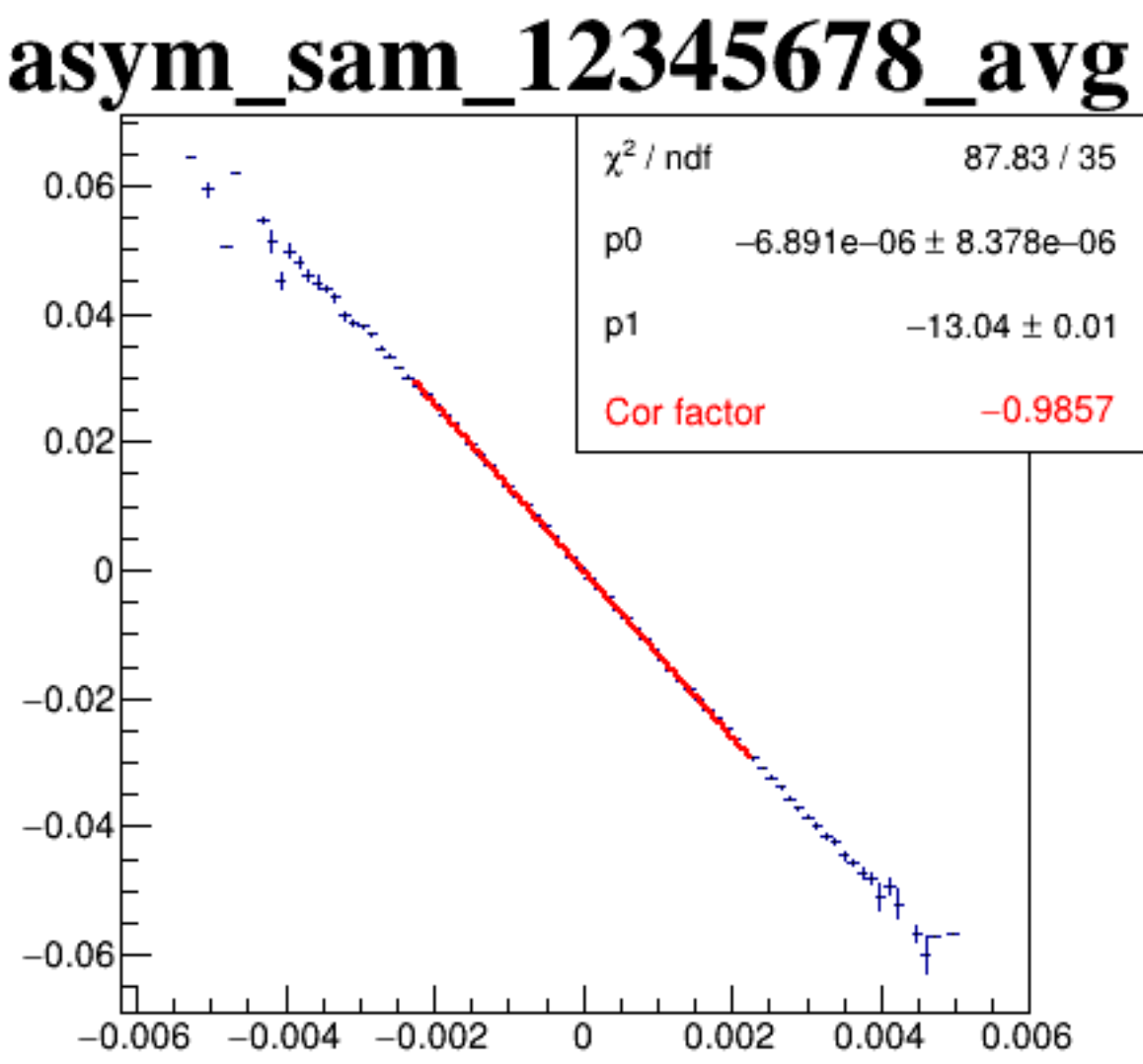
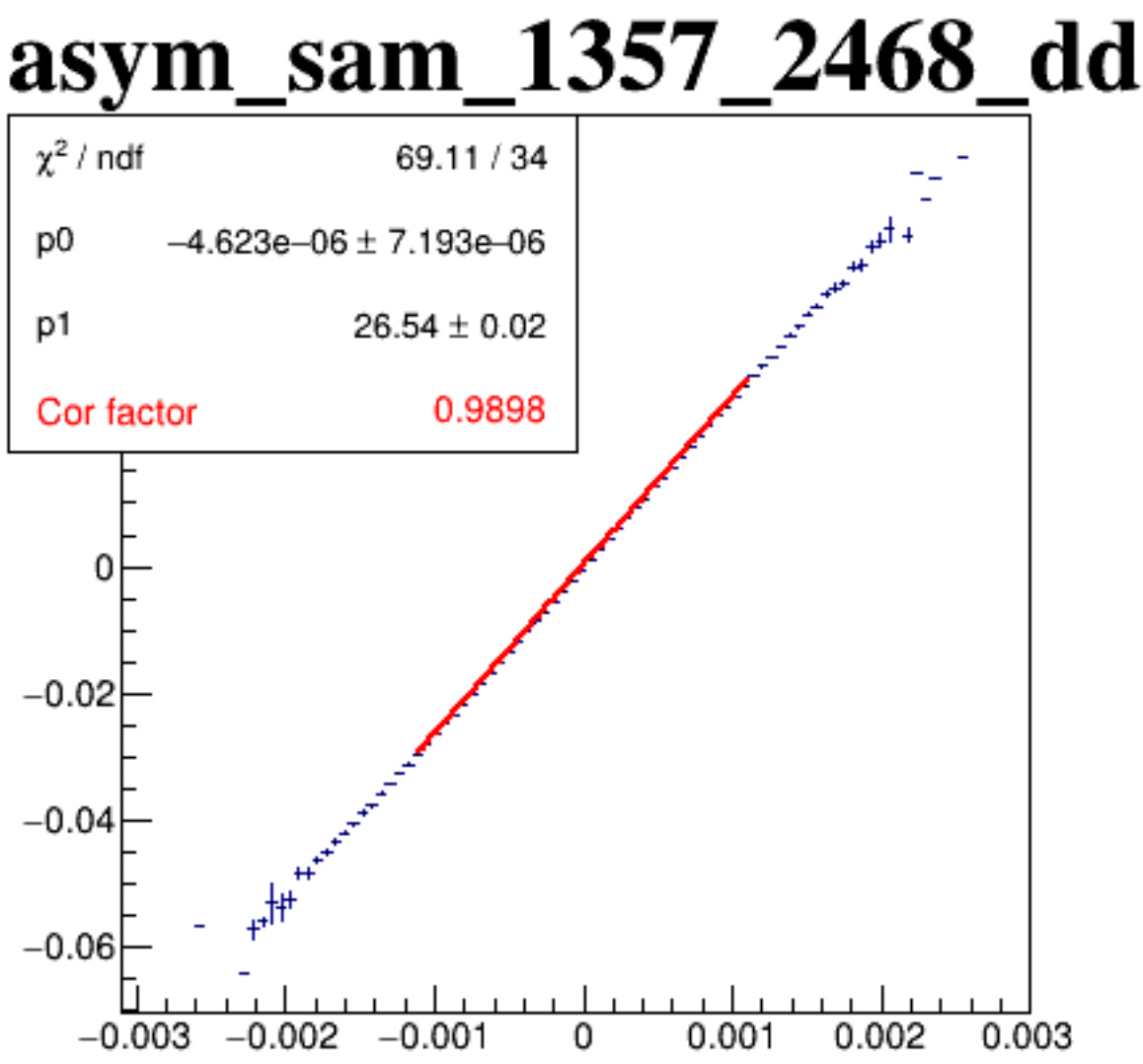
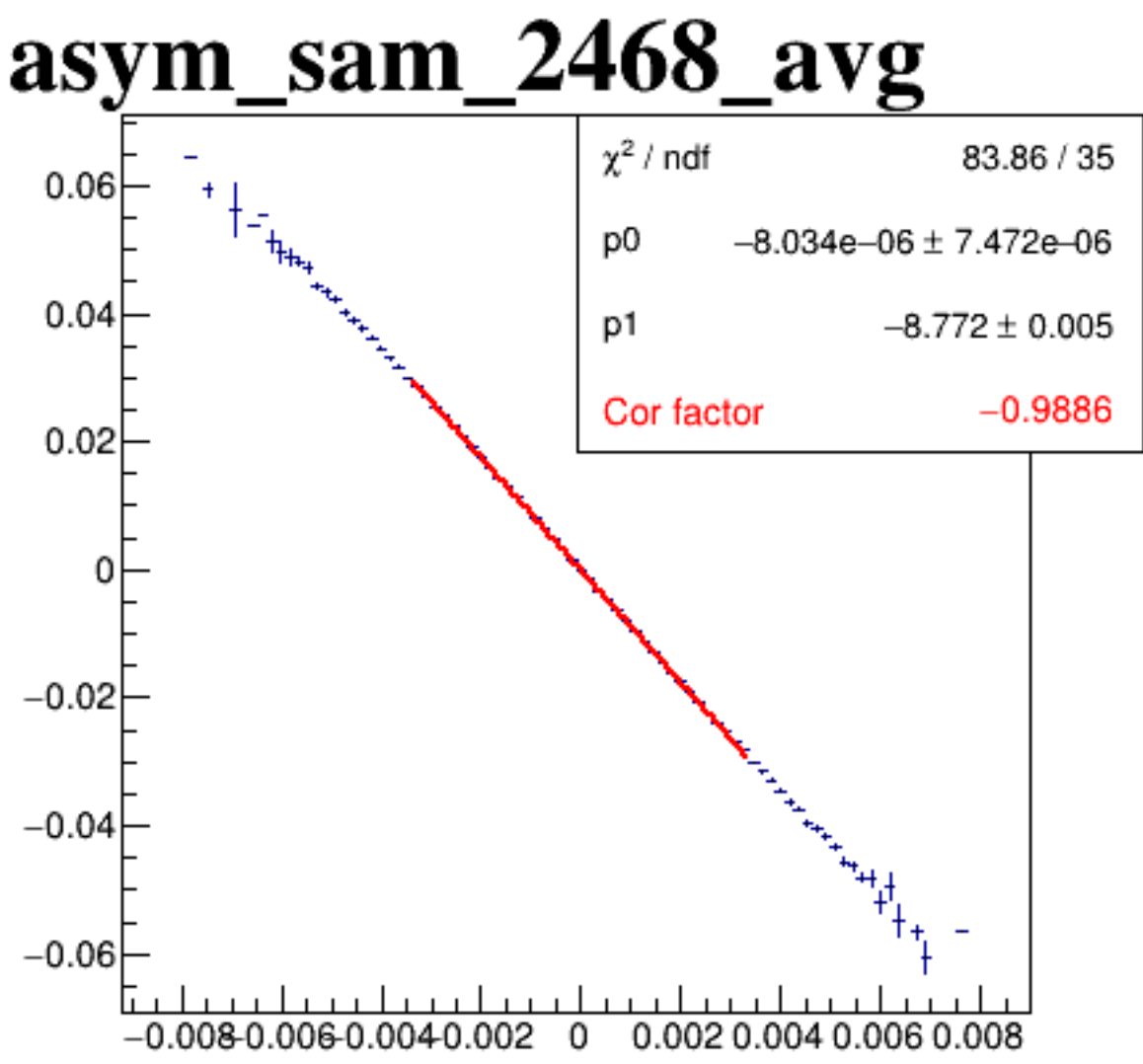
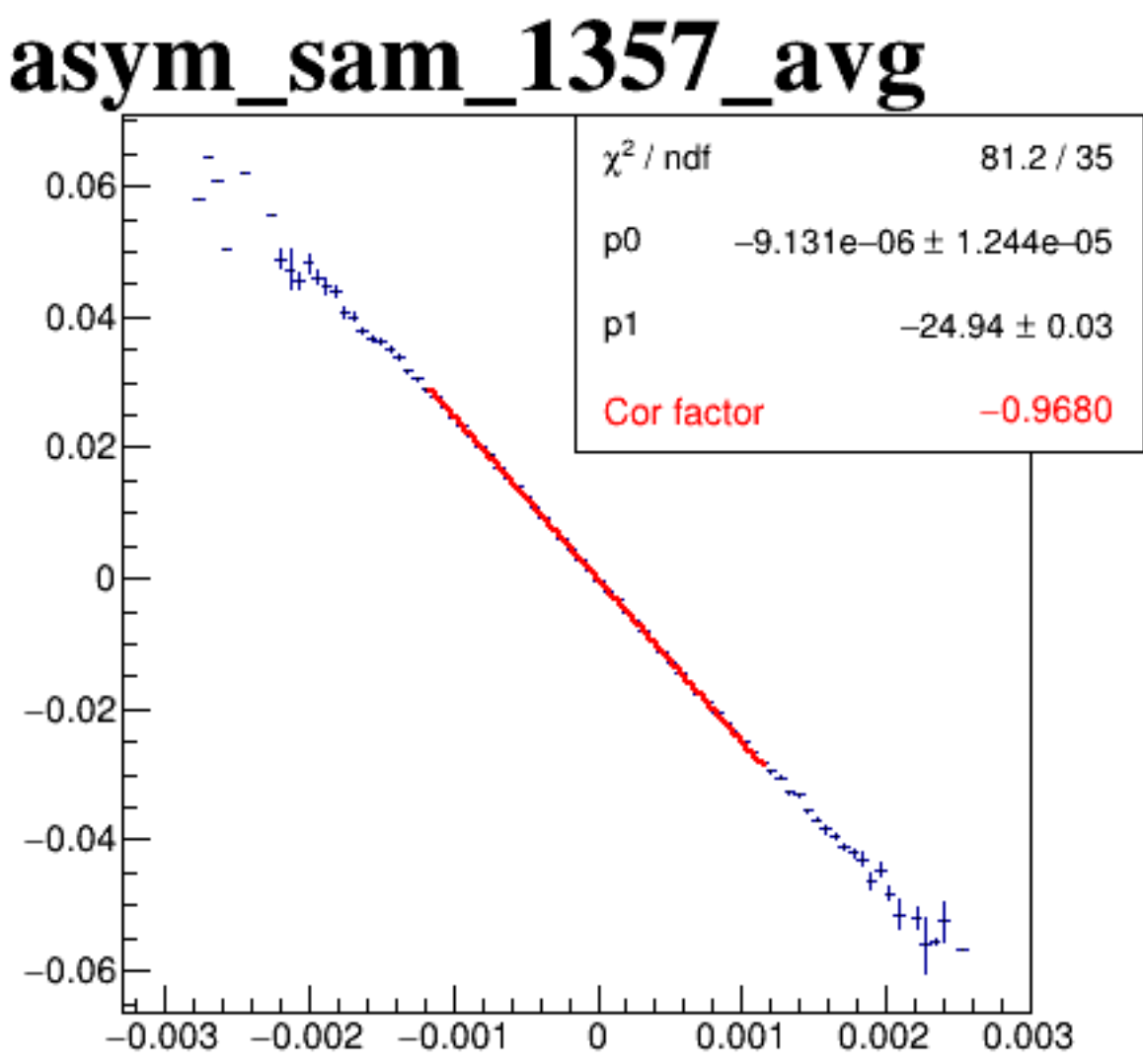
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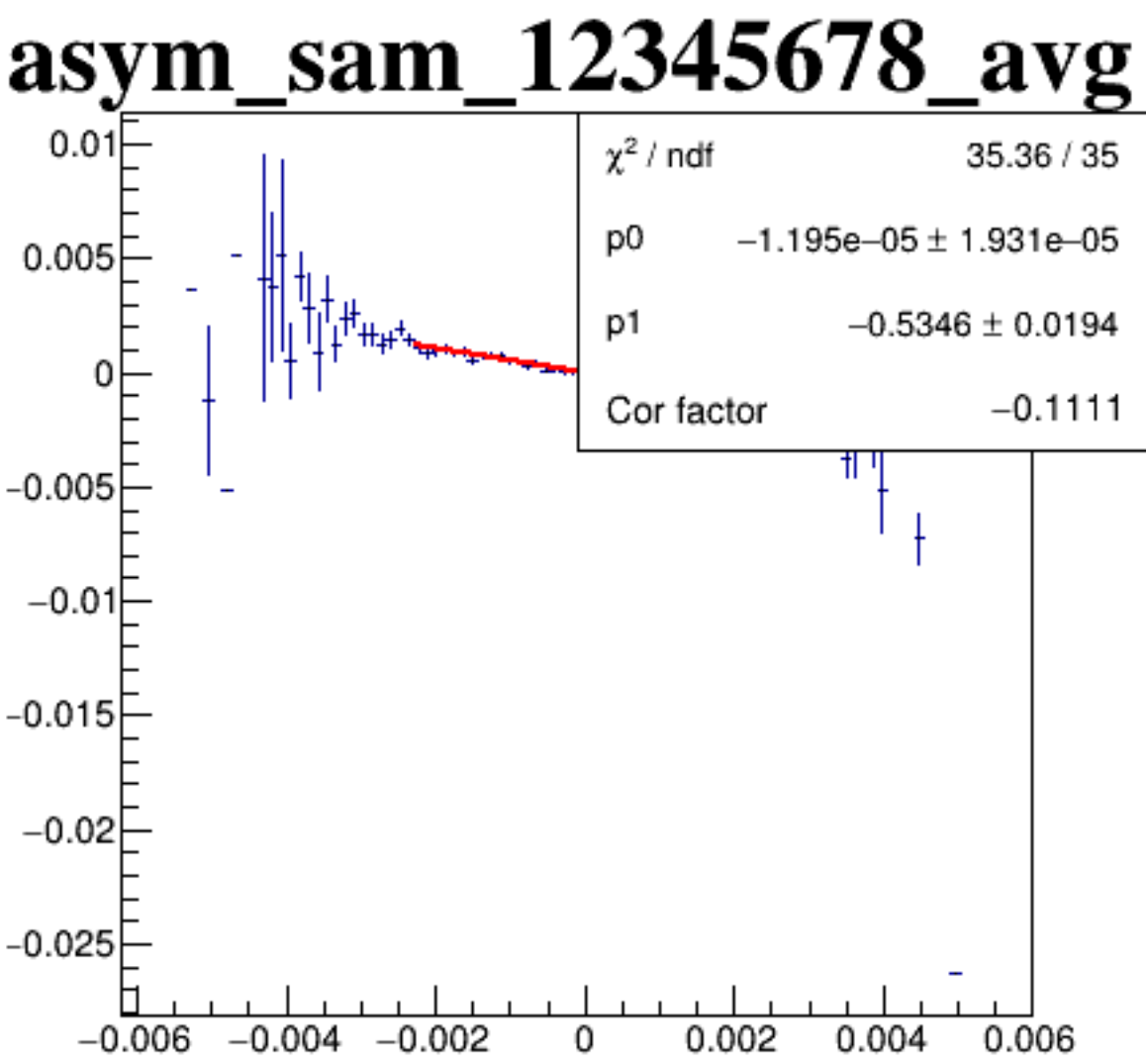
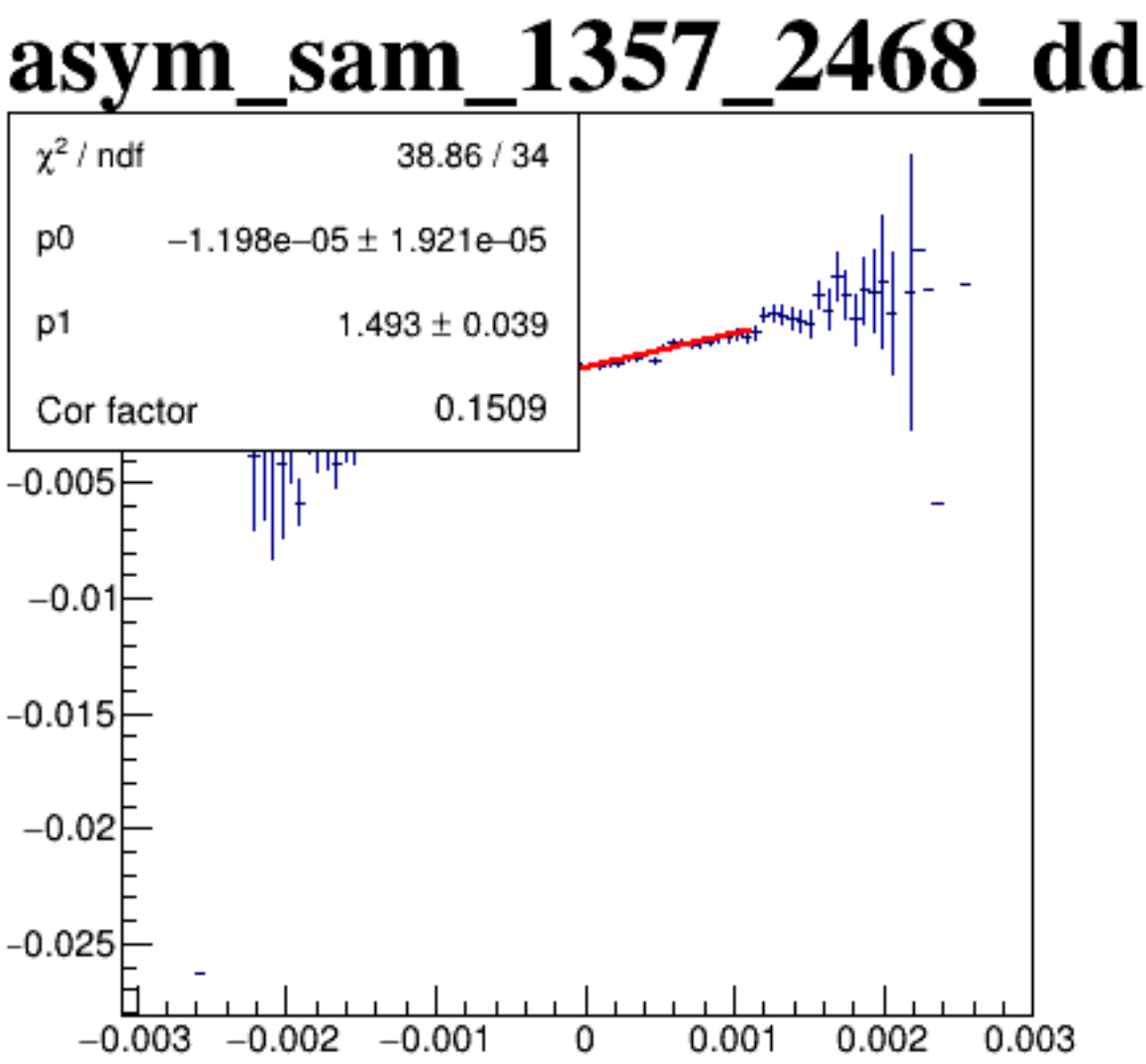
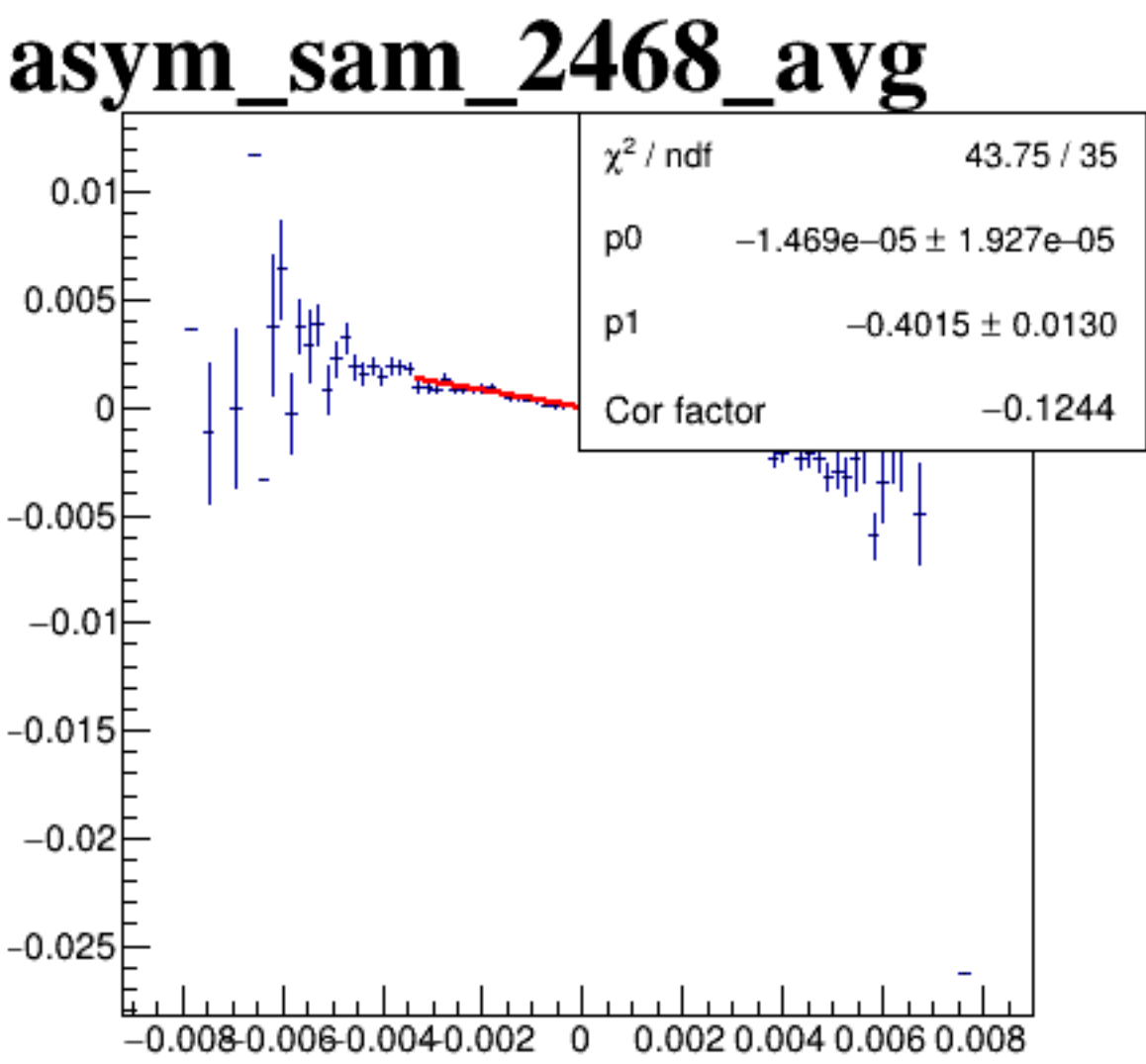
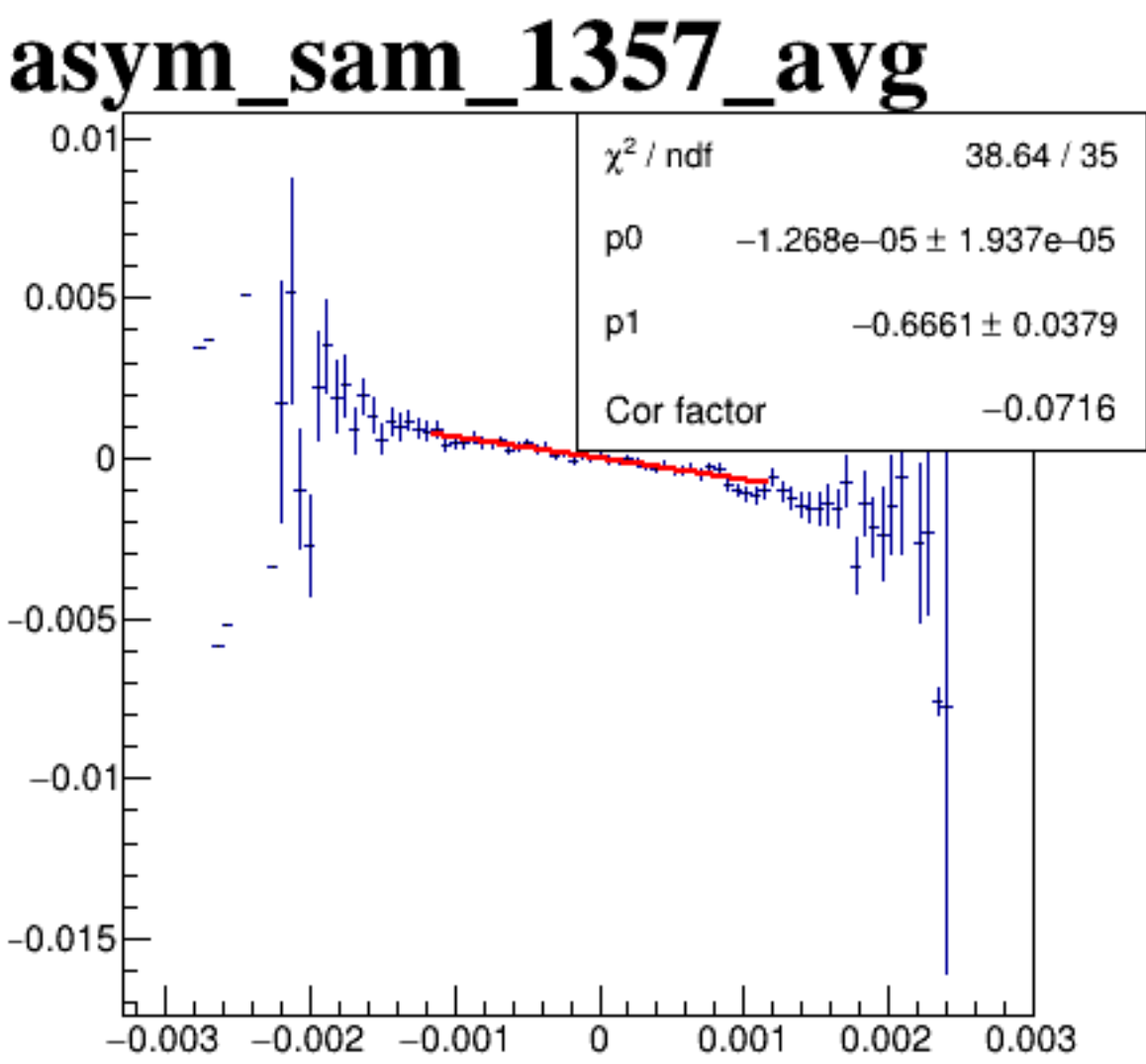
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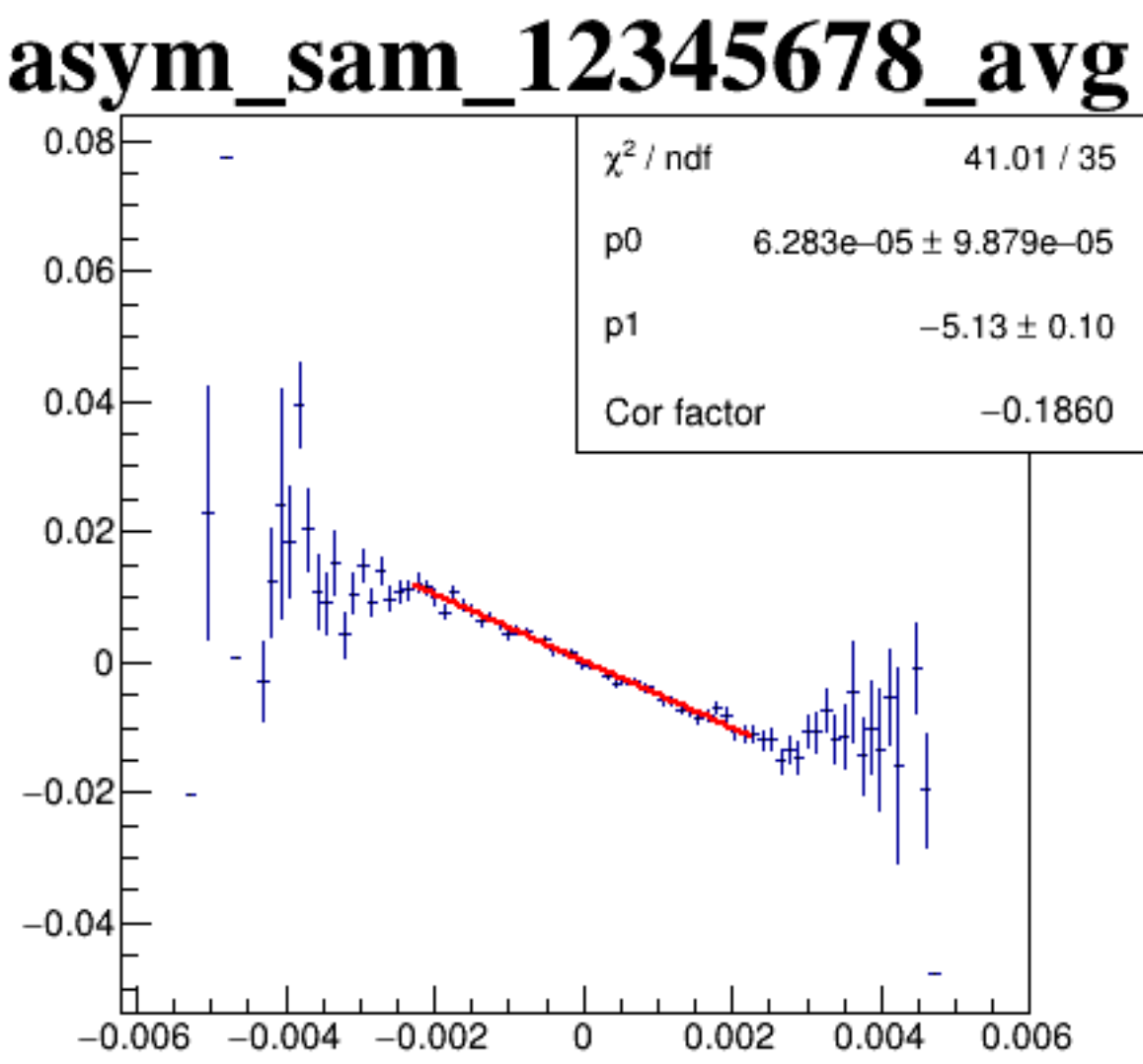
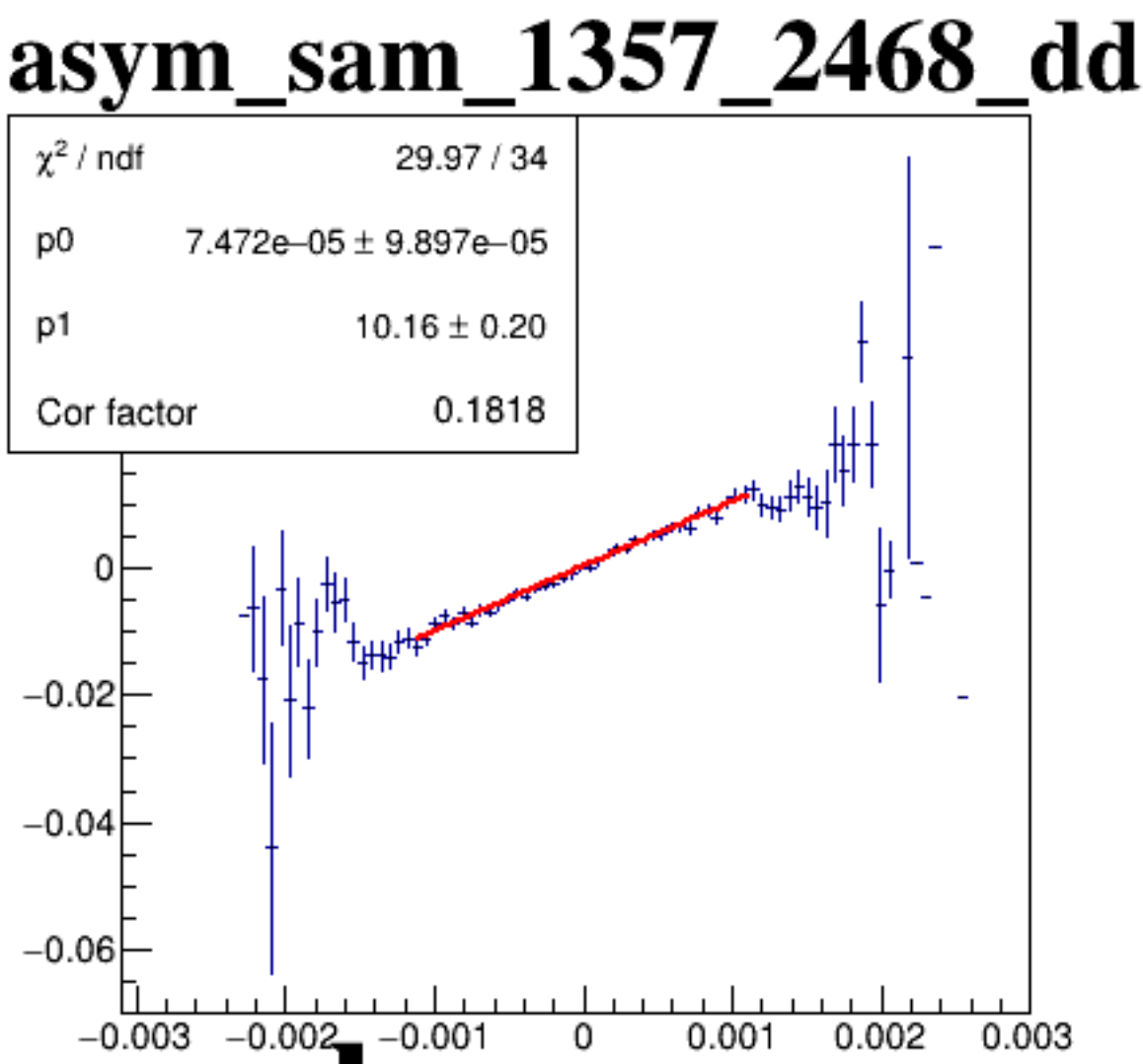
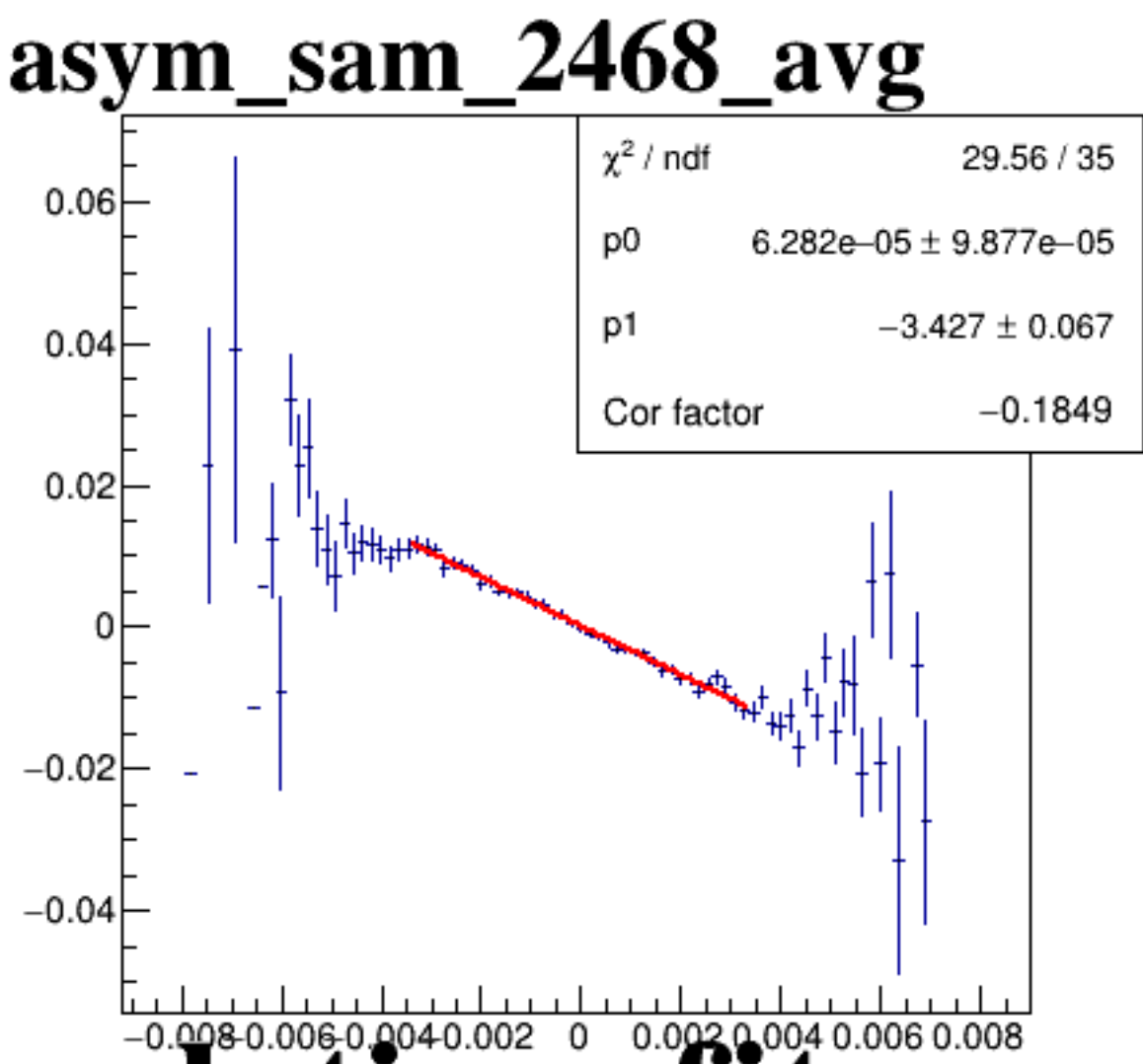
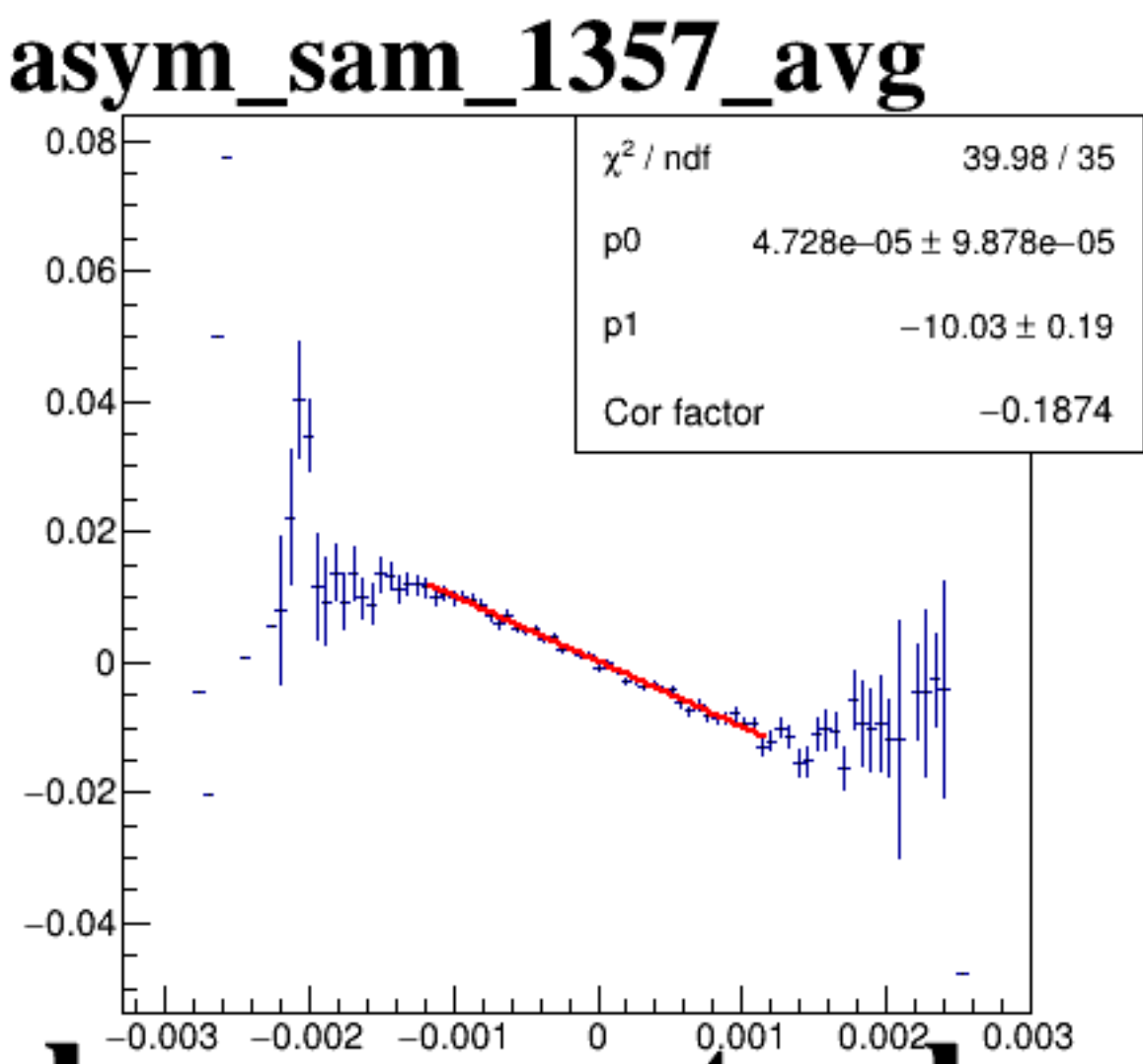
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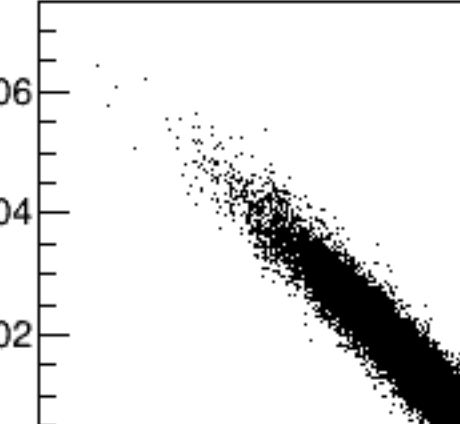
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diff_bpm12X

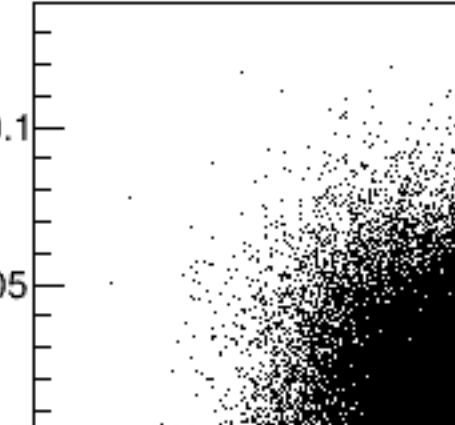


A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The data points are densely clustered around the origin (0,0), forming a circular cloud. The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.04 to 0.04.



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 is labeled $\text{mulc.asym_sam_12345678_avg}$ and ranges from -0.006 to 0.006. The y-axis is labeled $\text{asym_sam_12345678_avg}$ and ranges from -0.06 to 0.06. The data points form a dense, elongated cloud along a diagonal line with a negative slope, indicating a strong negative 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 data points are densely clustered around the origin (0,0), forming a circular cloud. The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.03 to 0.03. The plot is titled `asym_sam_12345678_avg` in large bold font at the top.



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 -0.006 to 0.006, and the y-axis ranges from -0.15 to 0.1. The data points are densely clustered around the origin (0,0), forming a circular cloud of points.