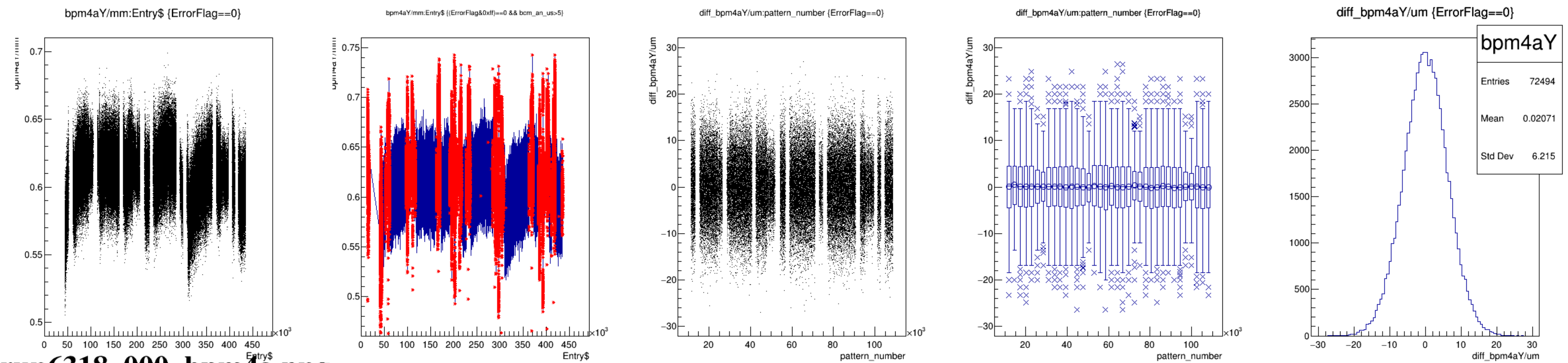
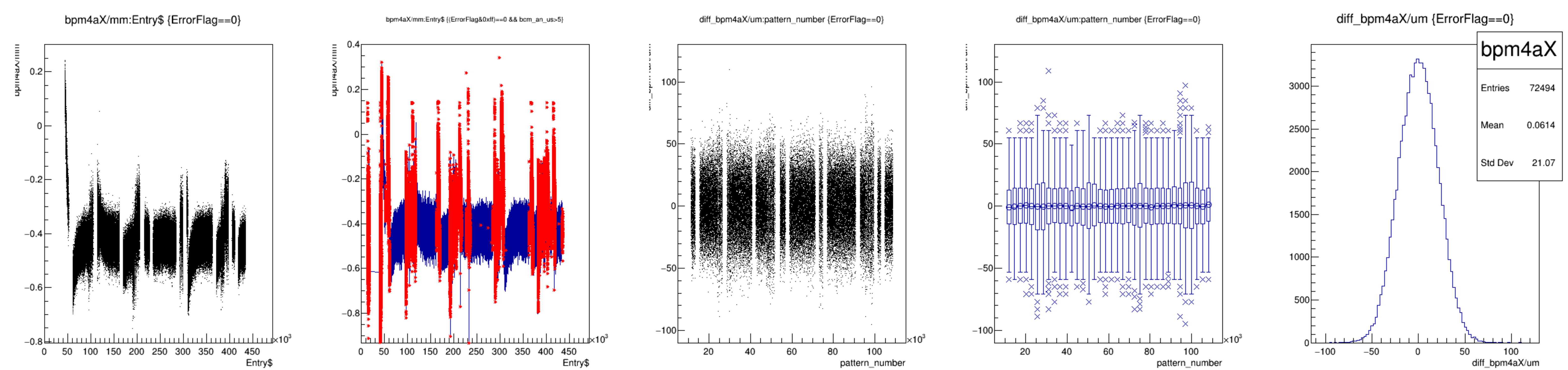
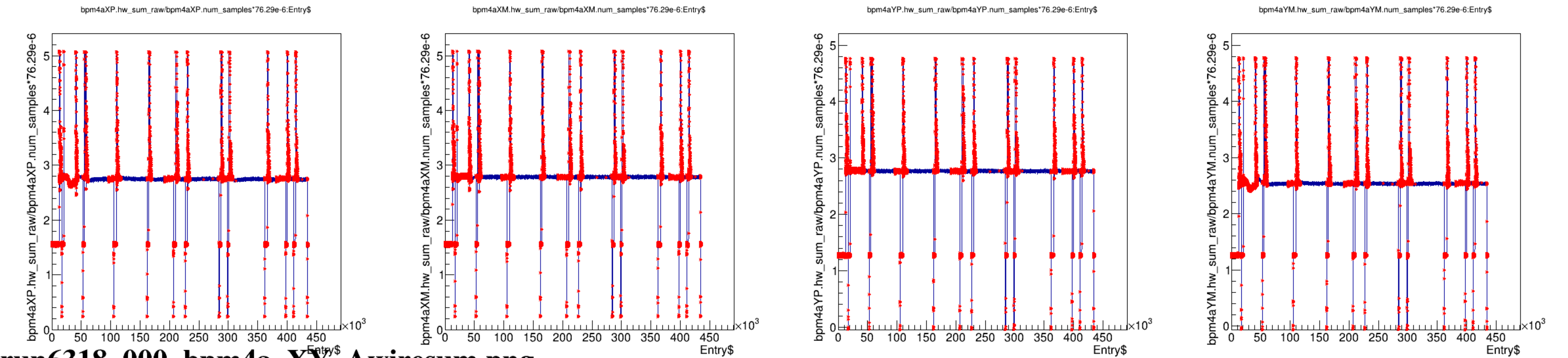
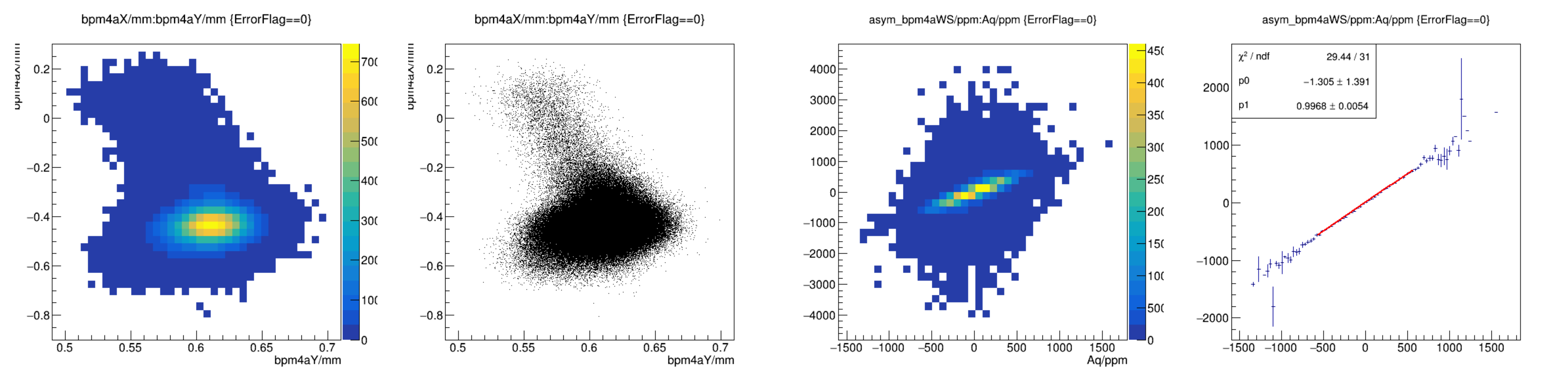
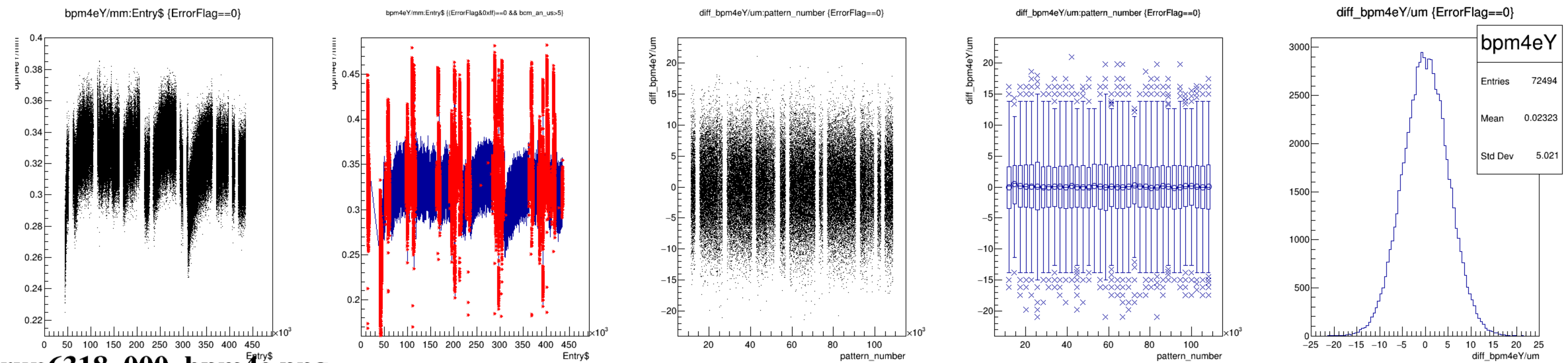
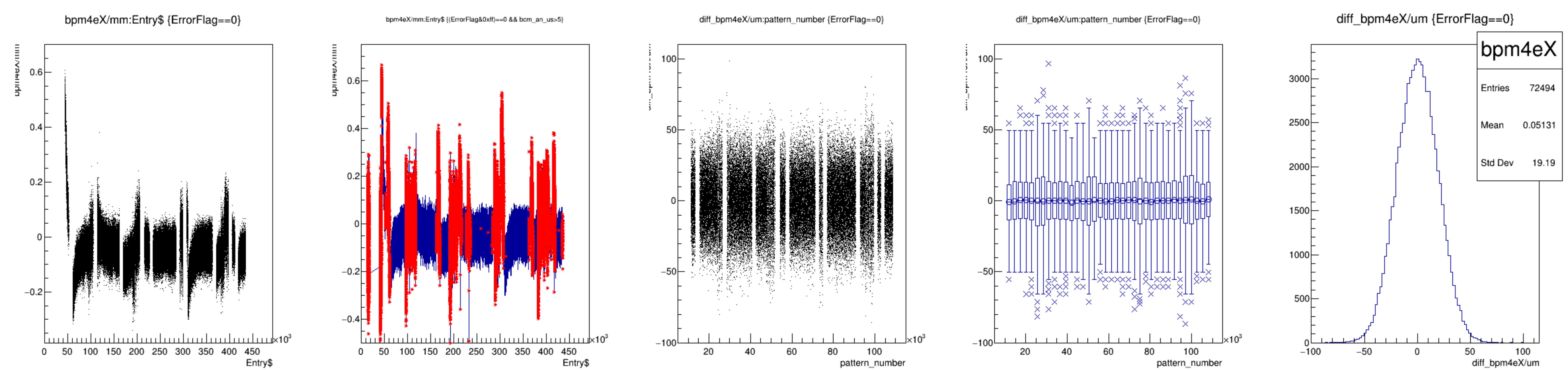
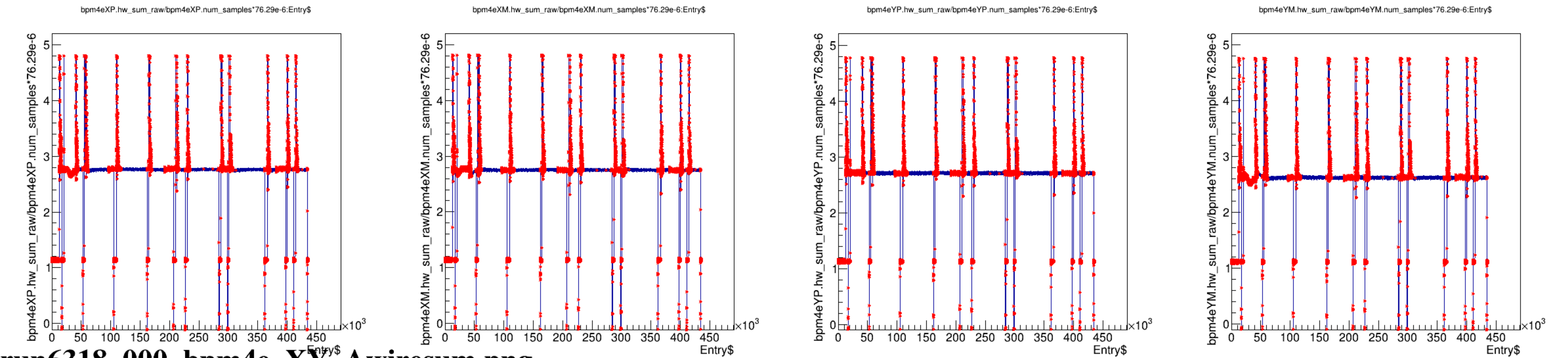
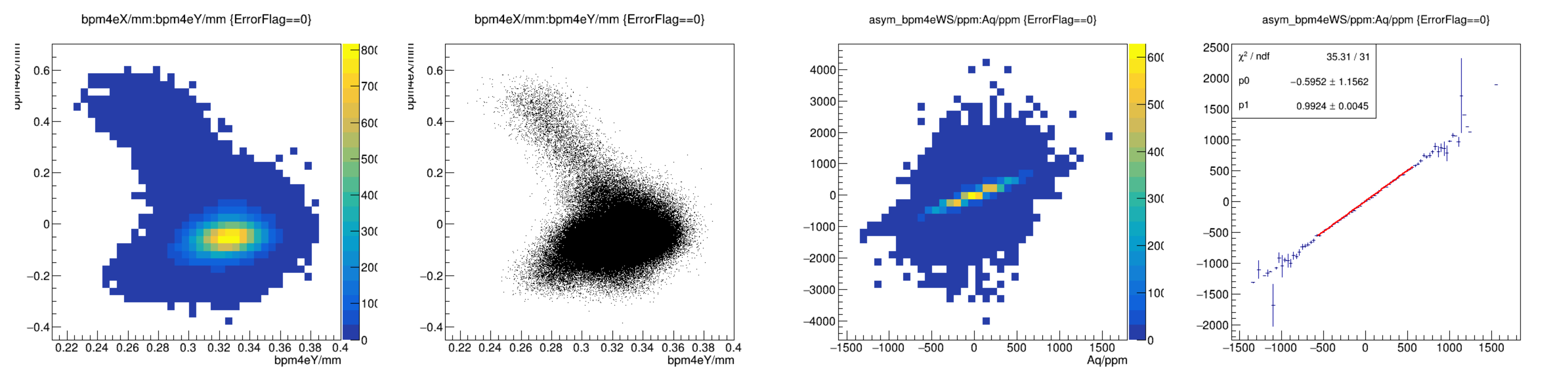
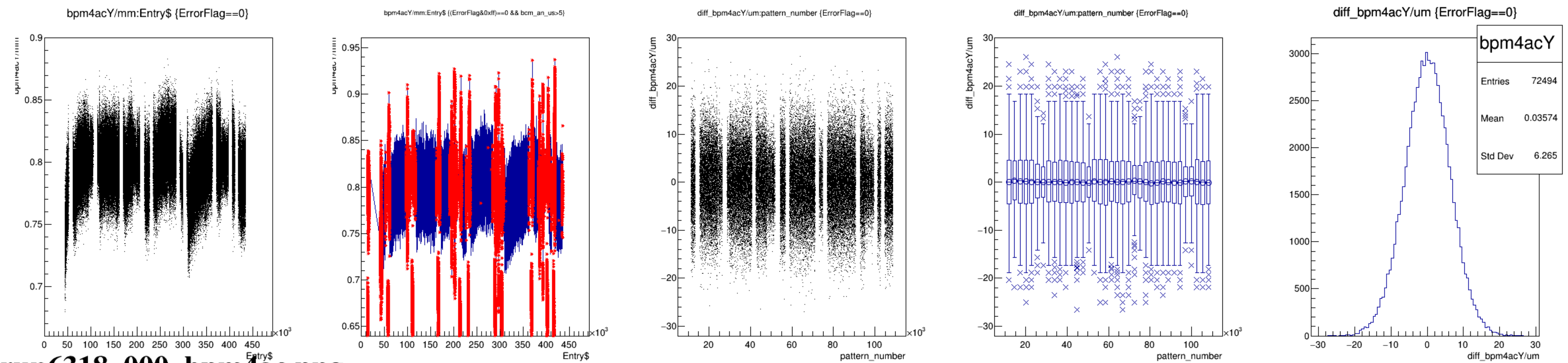
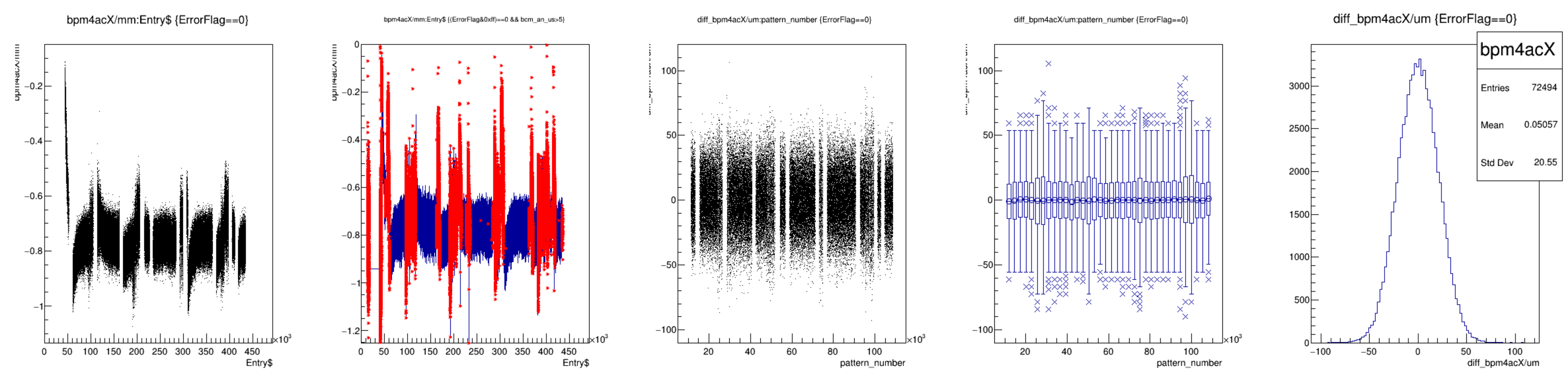


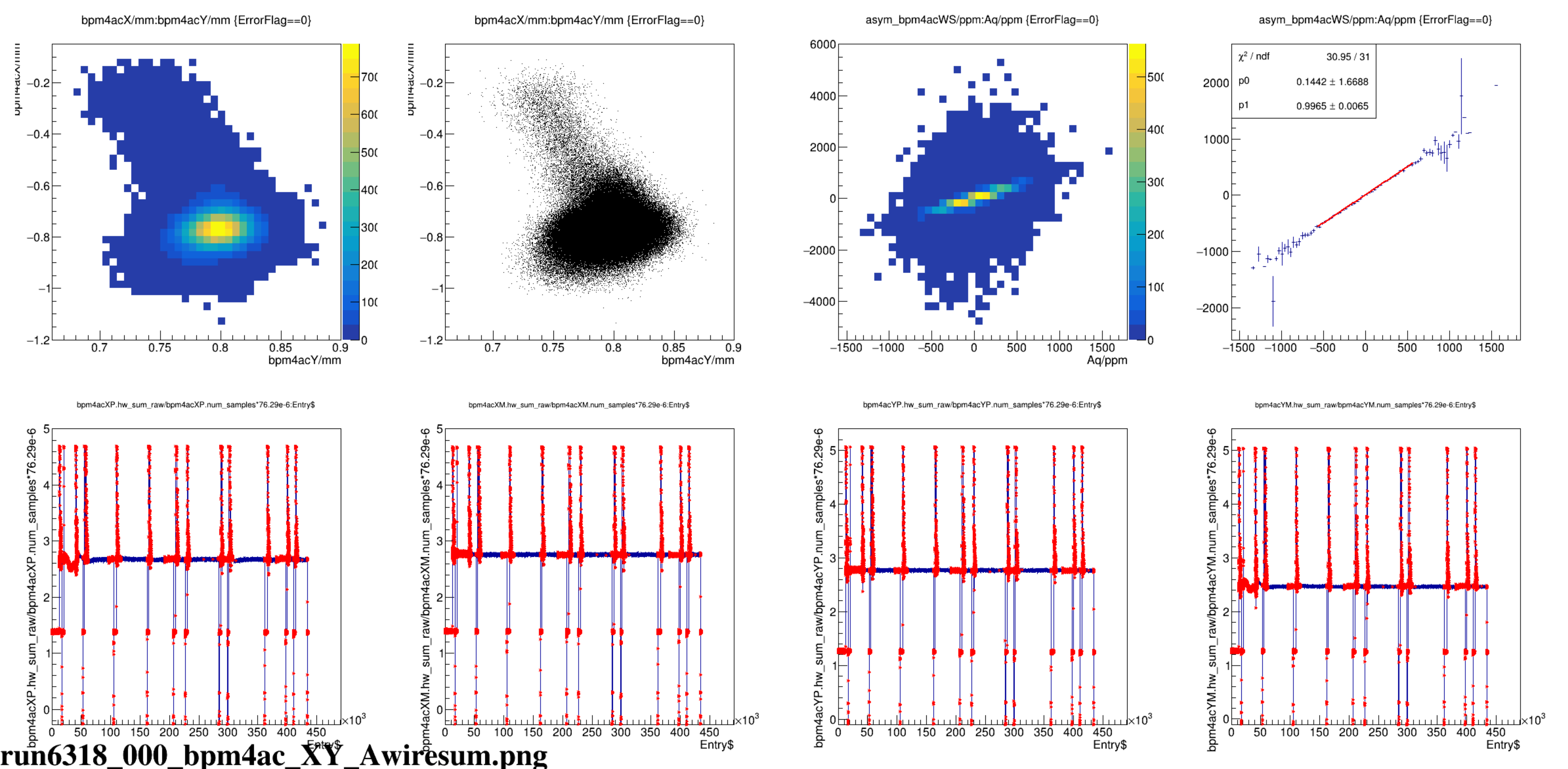


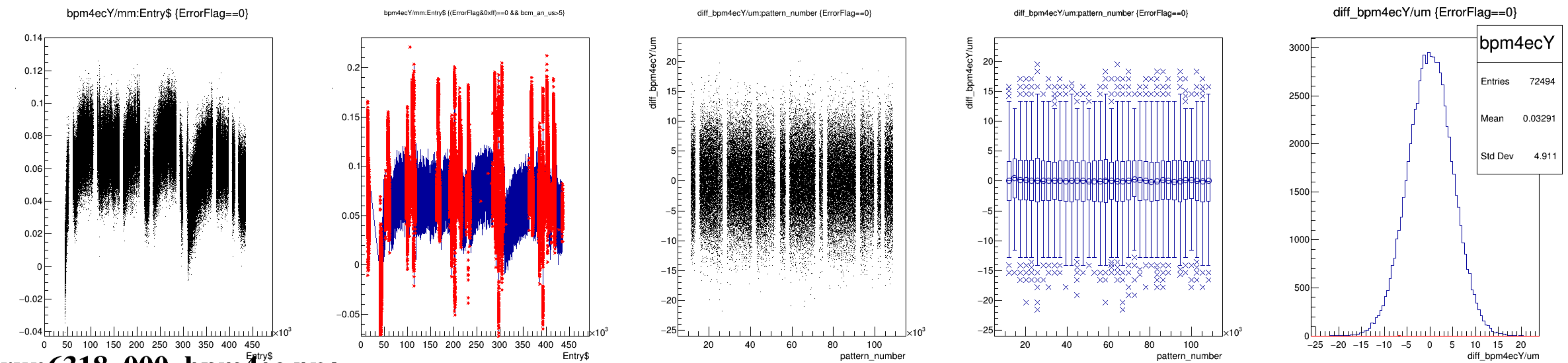
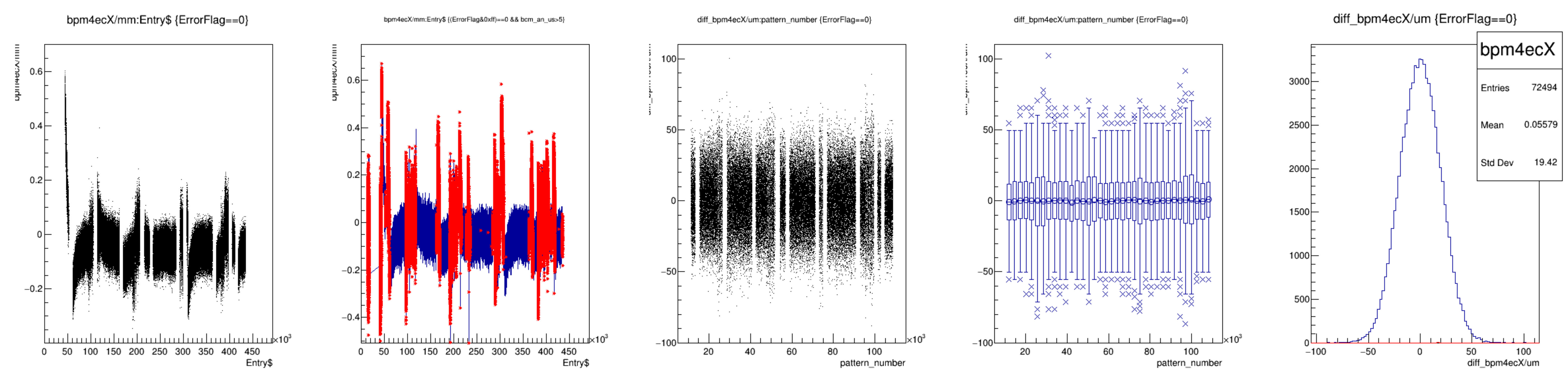


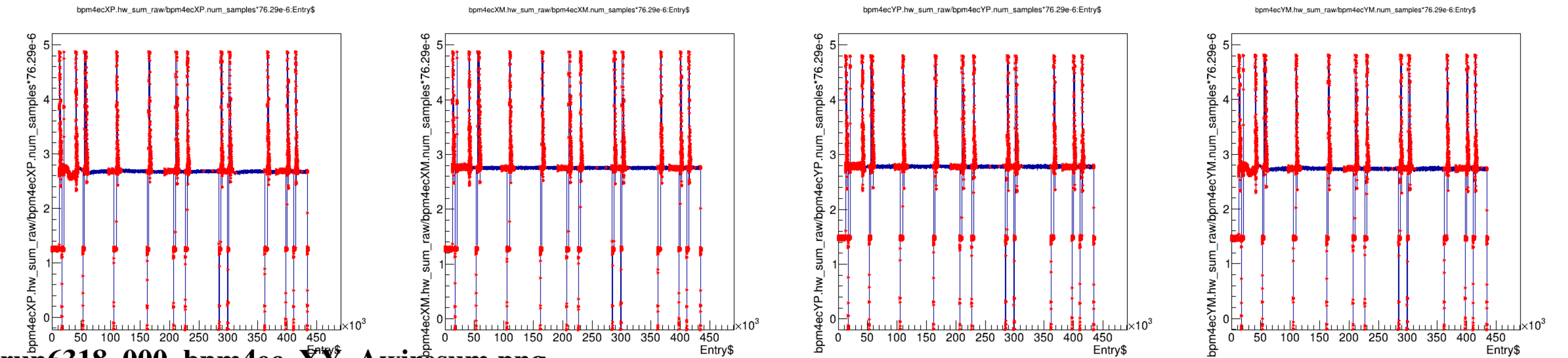
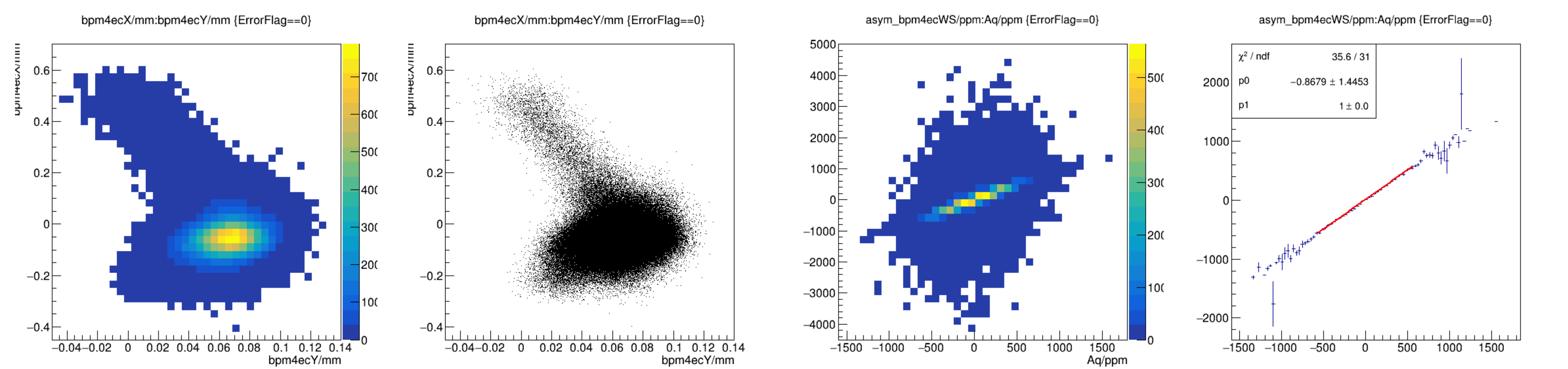


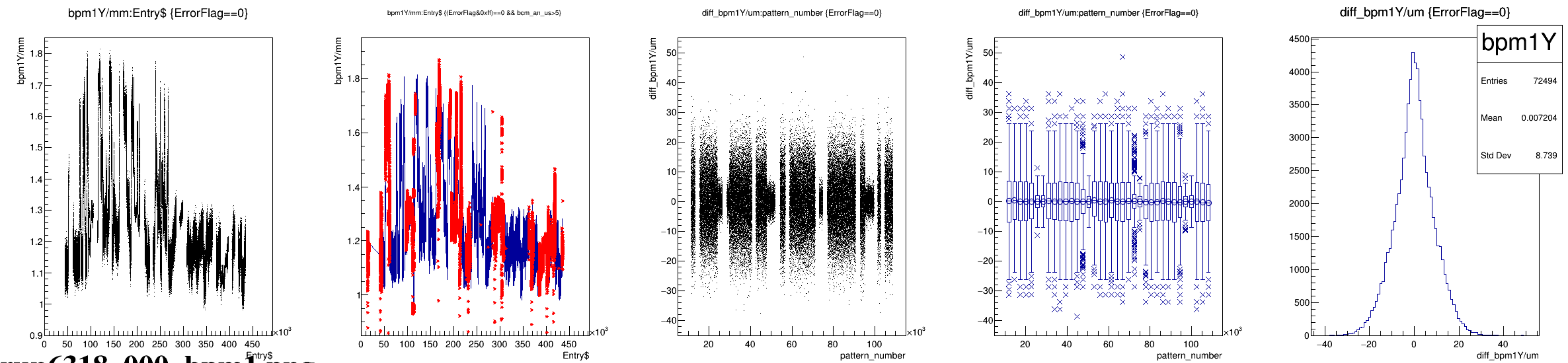
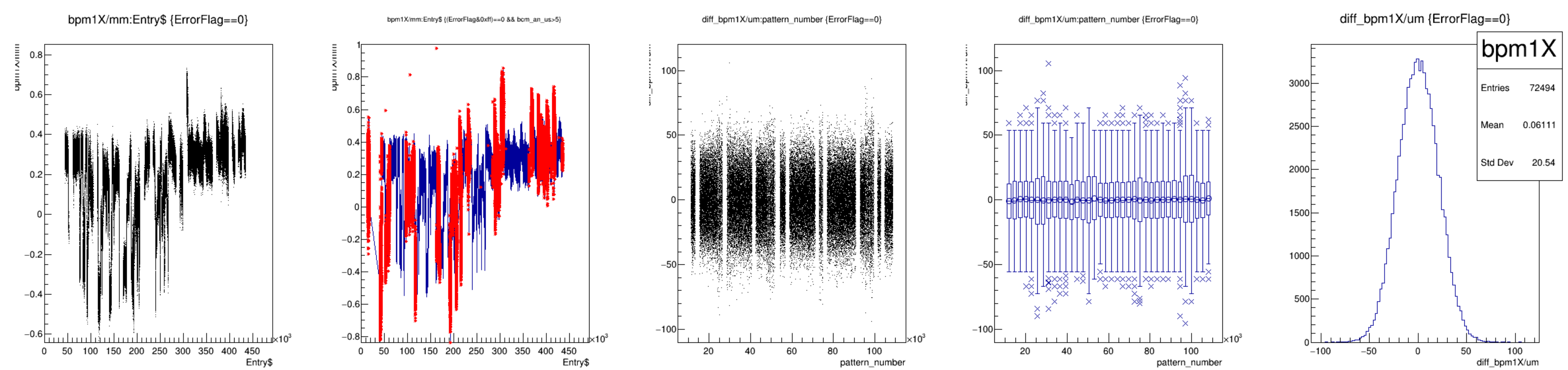




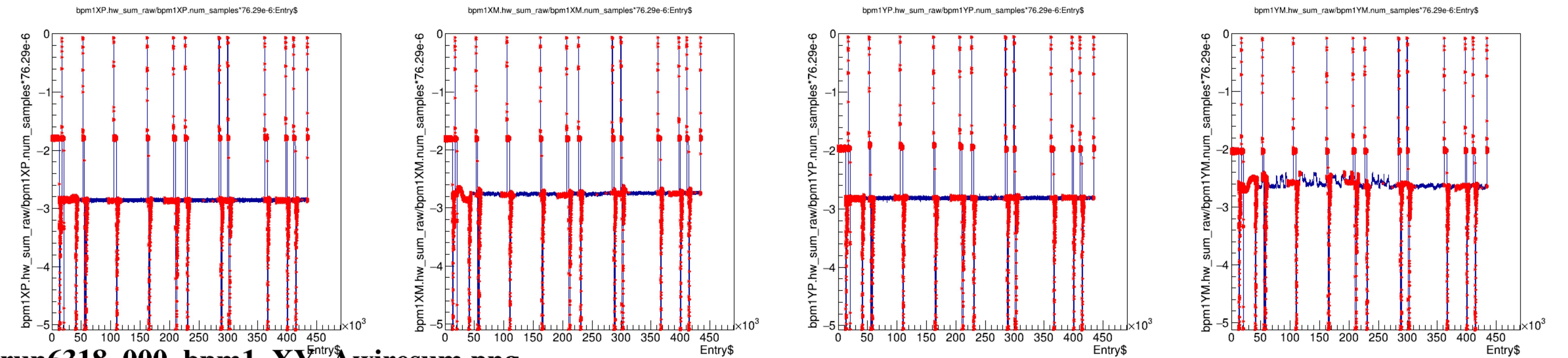
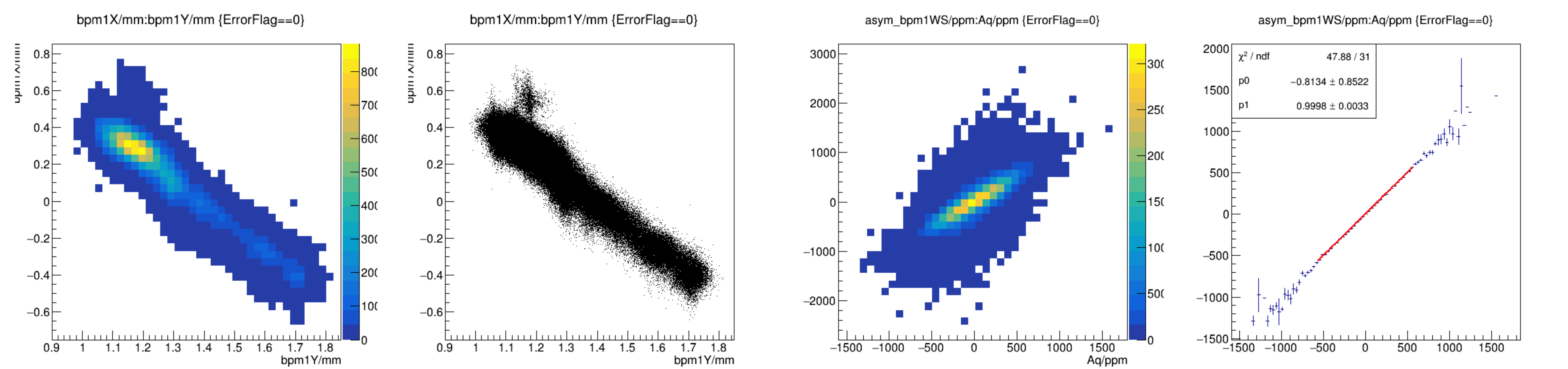




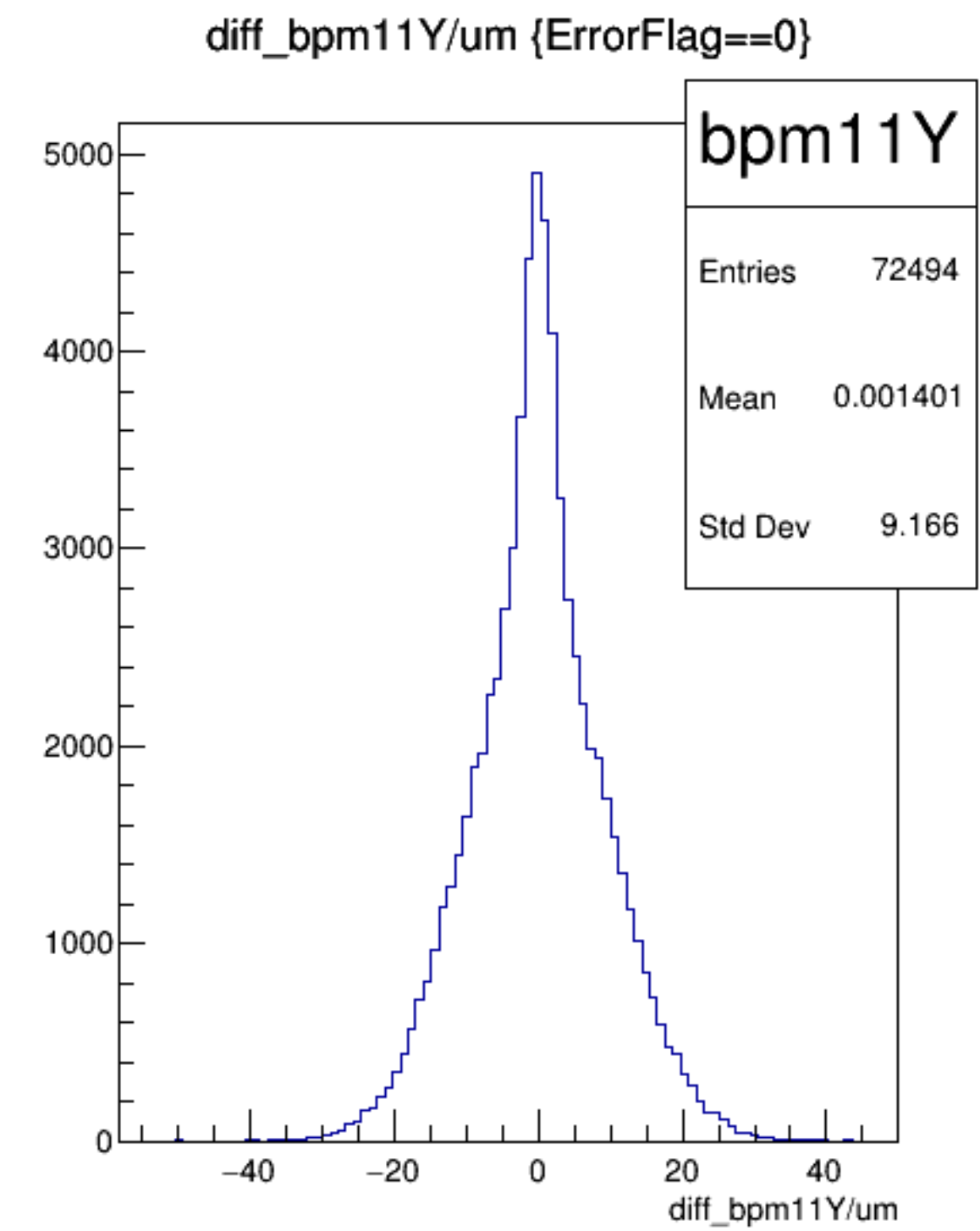
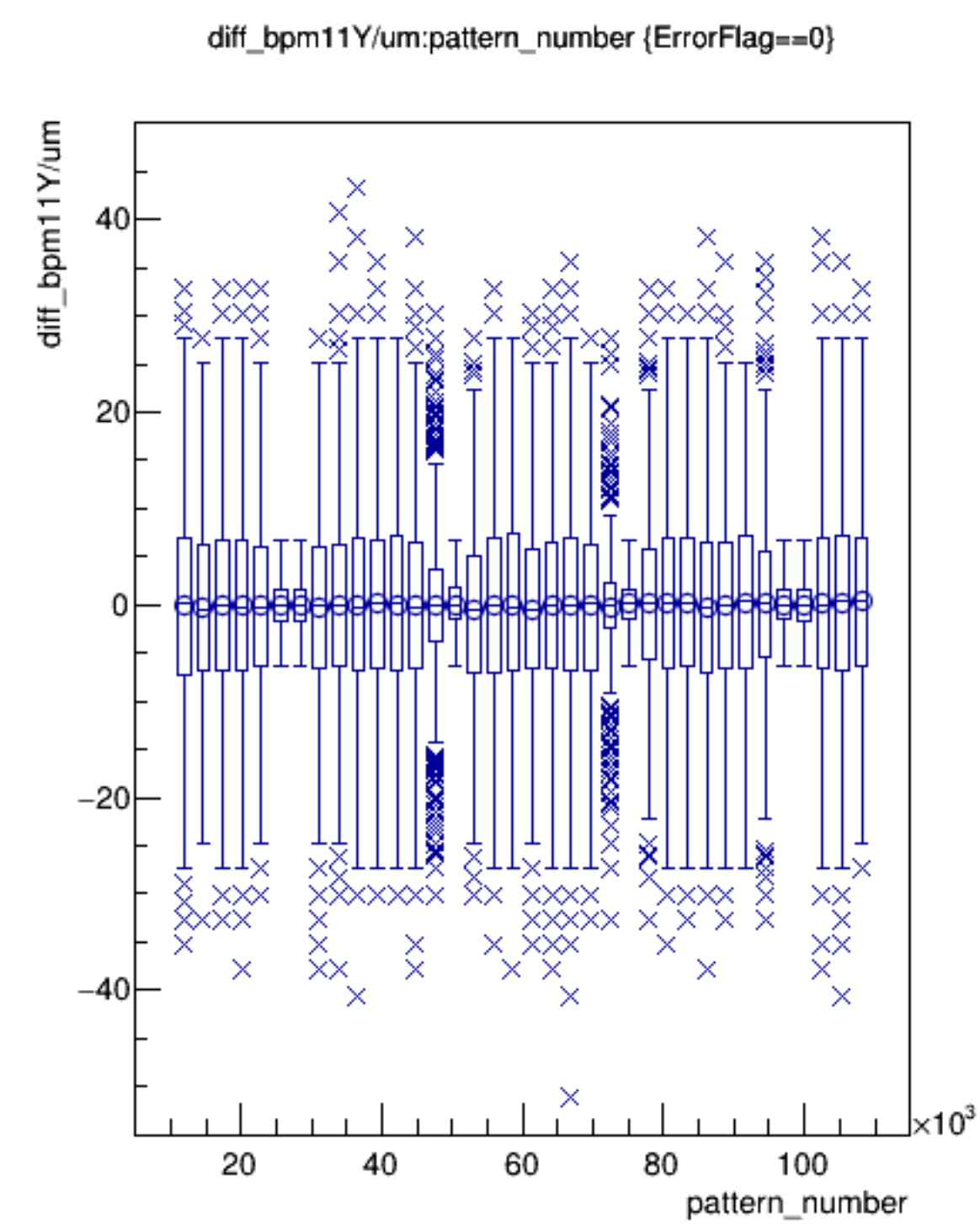
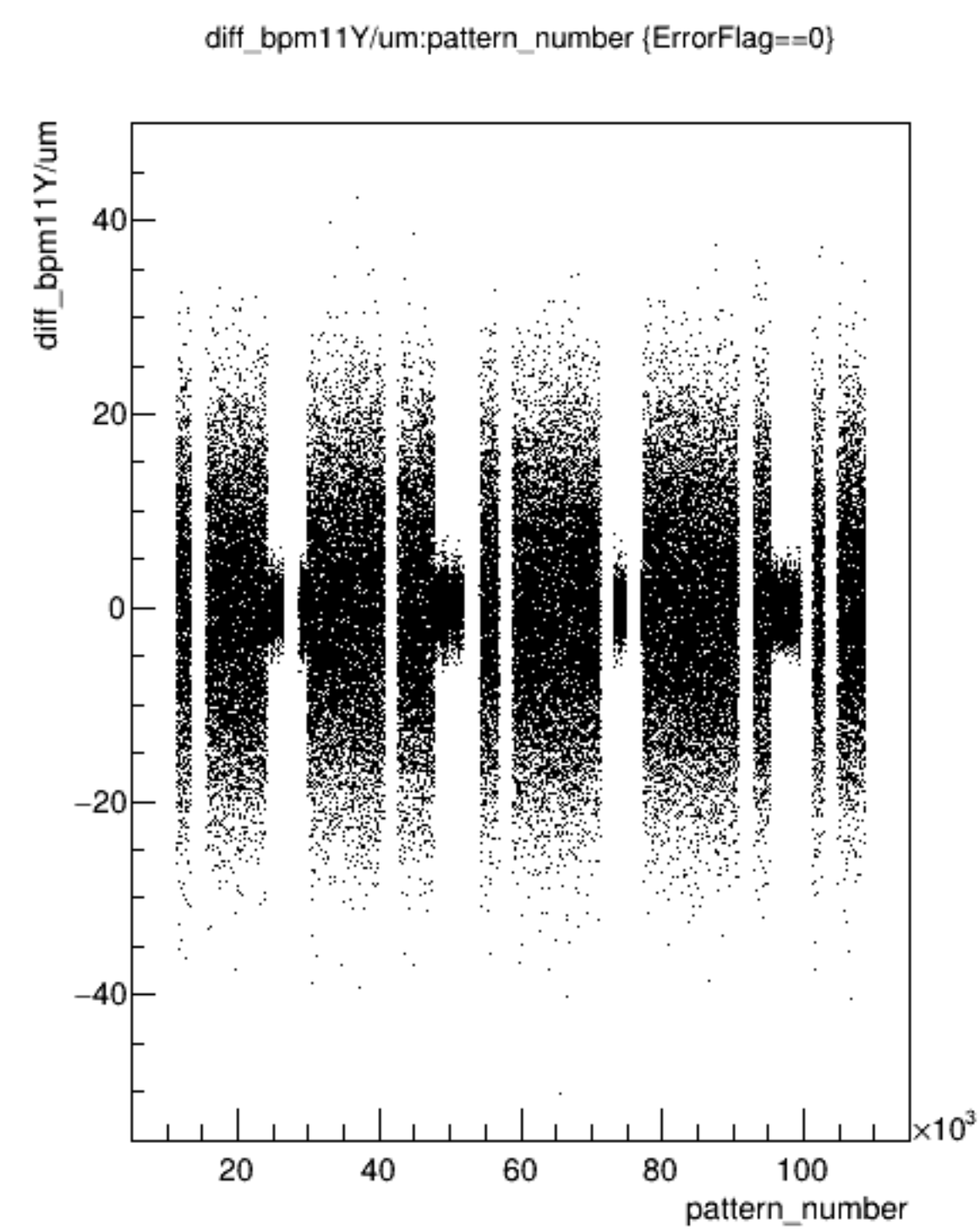
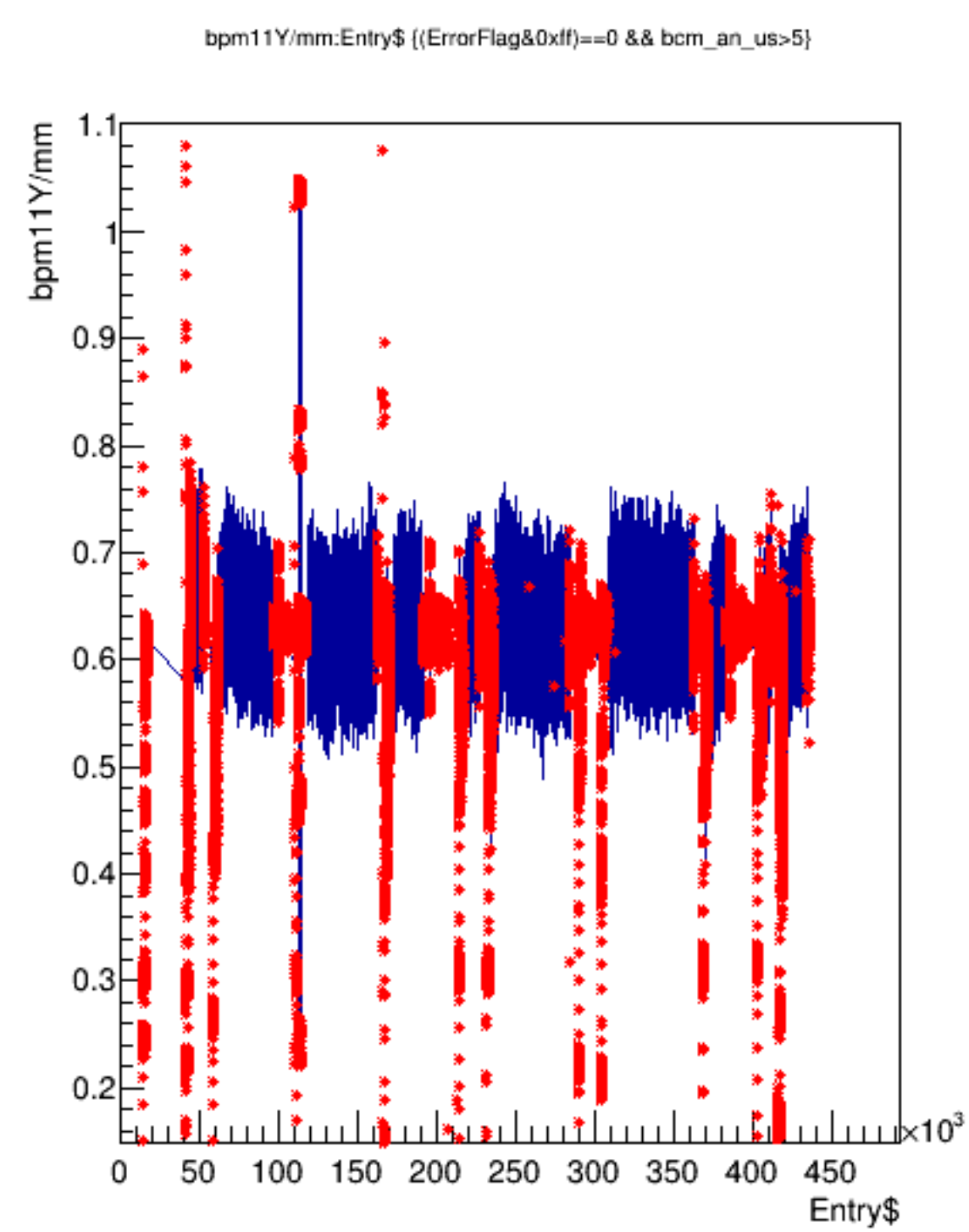
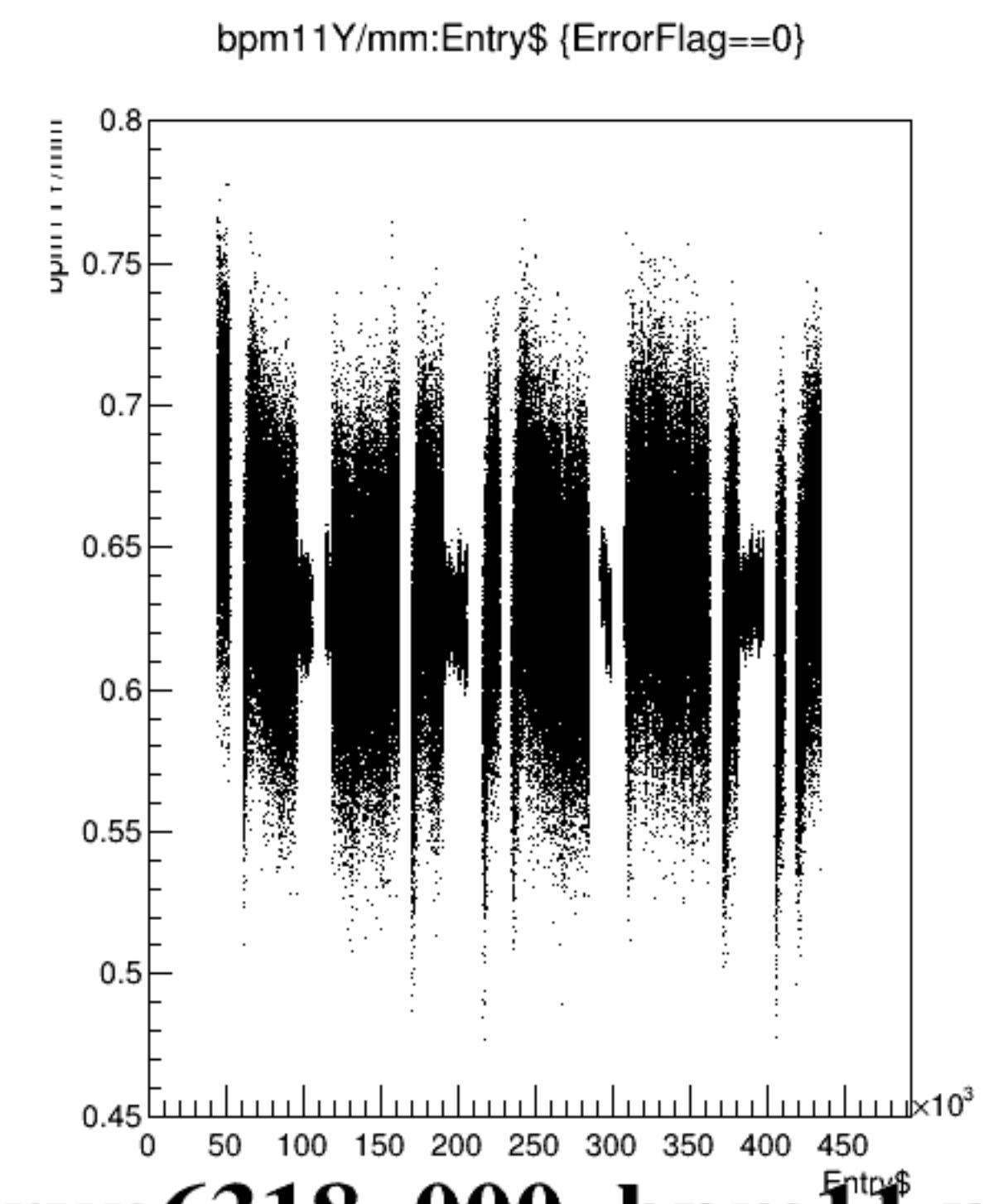
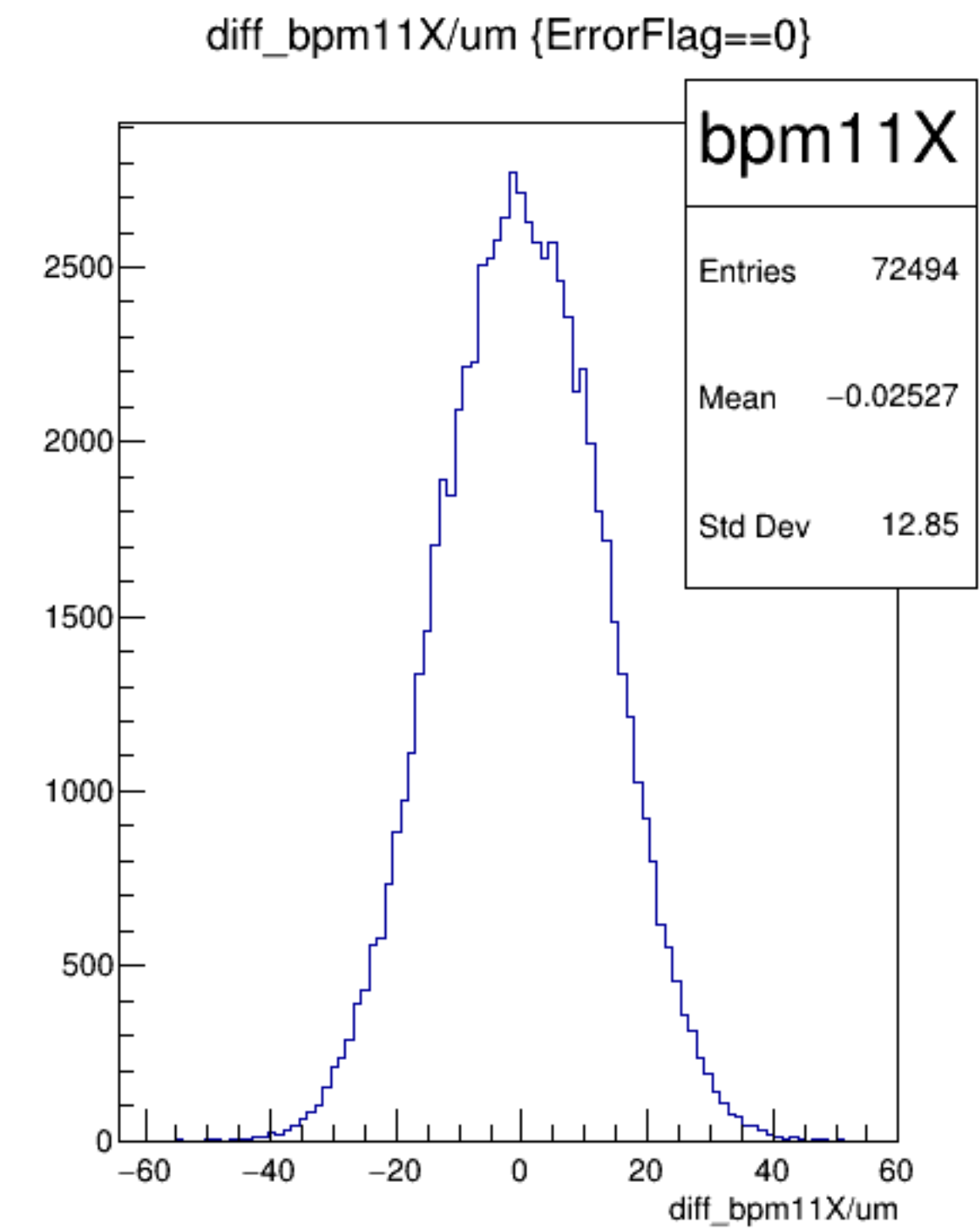
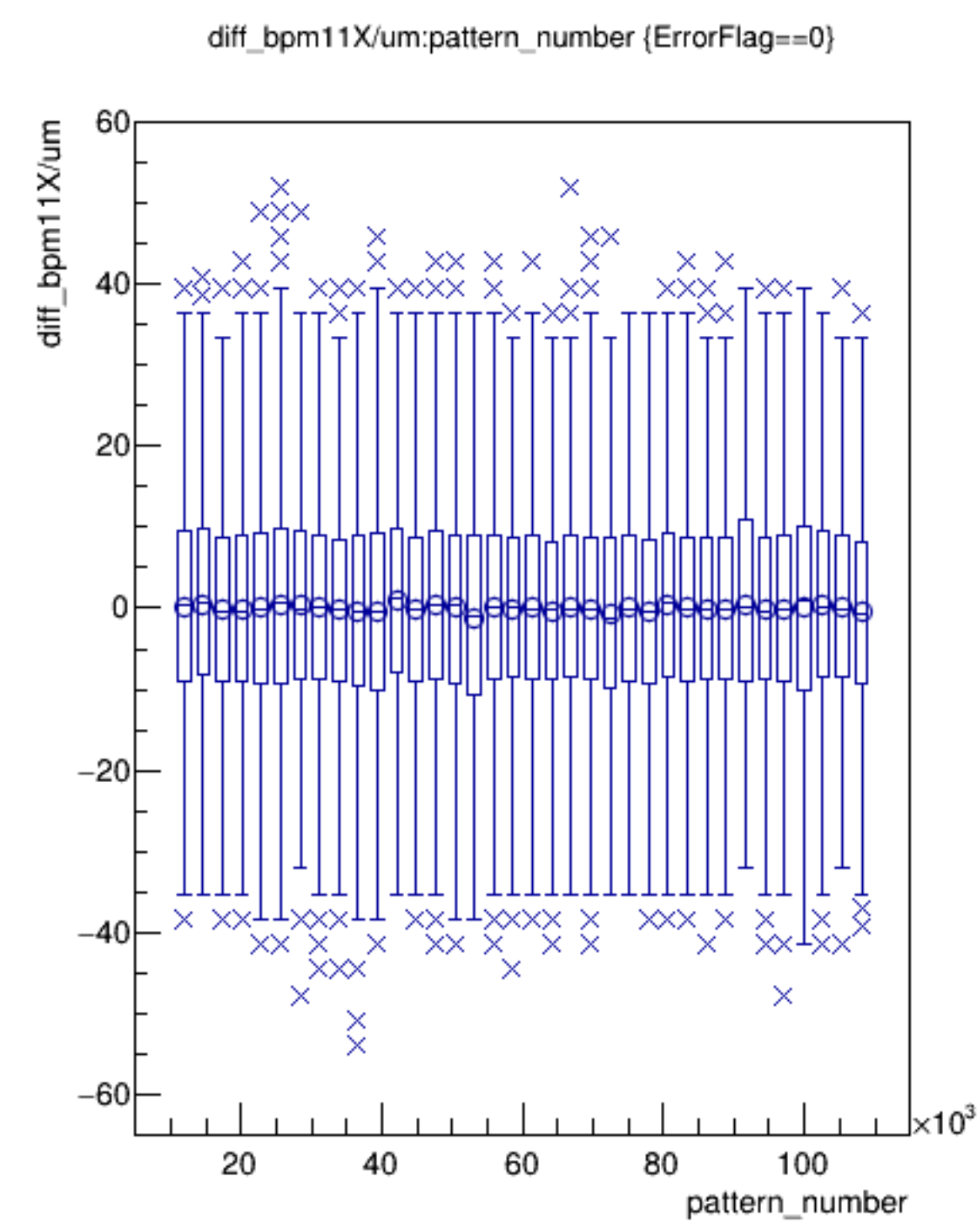
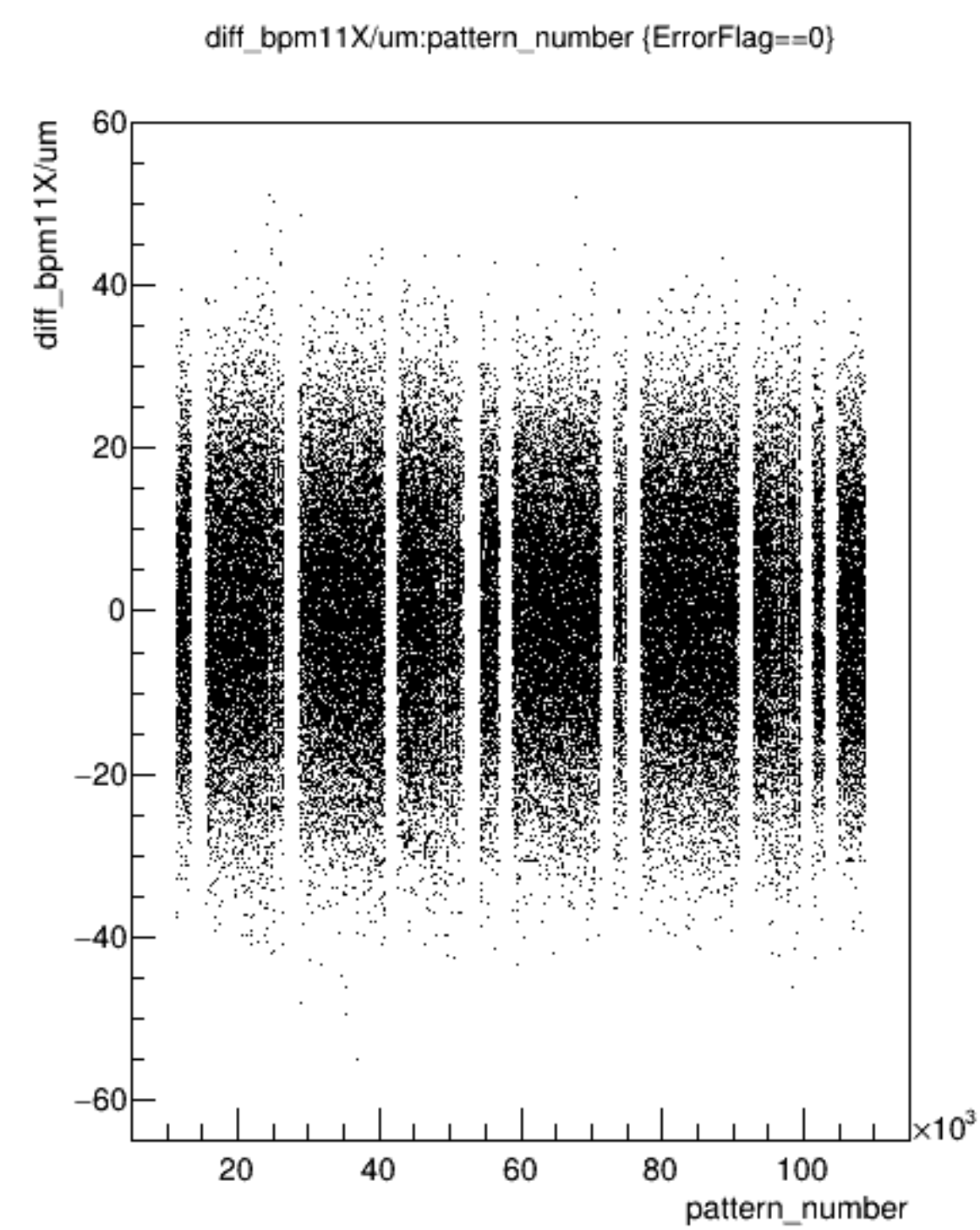
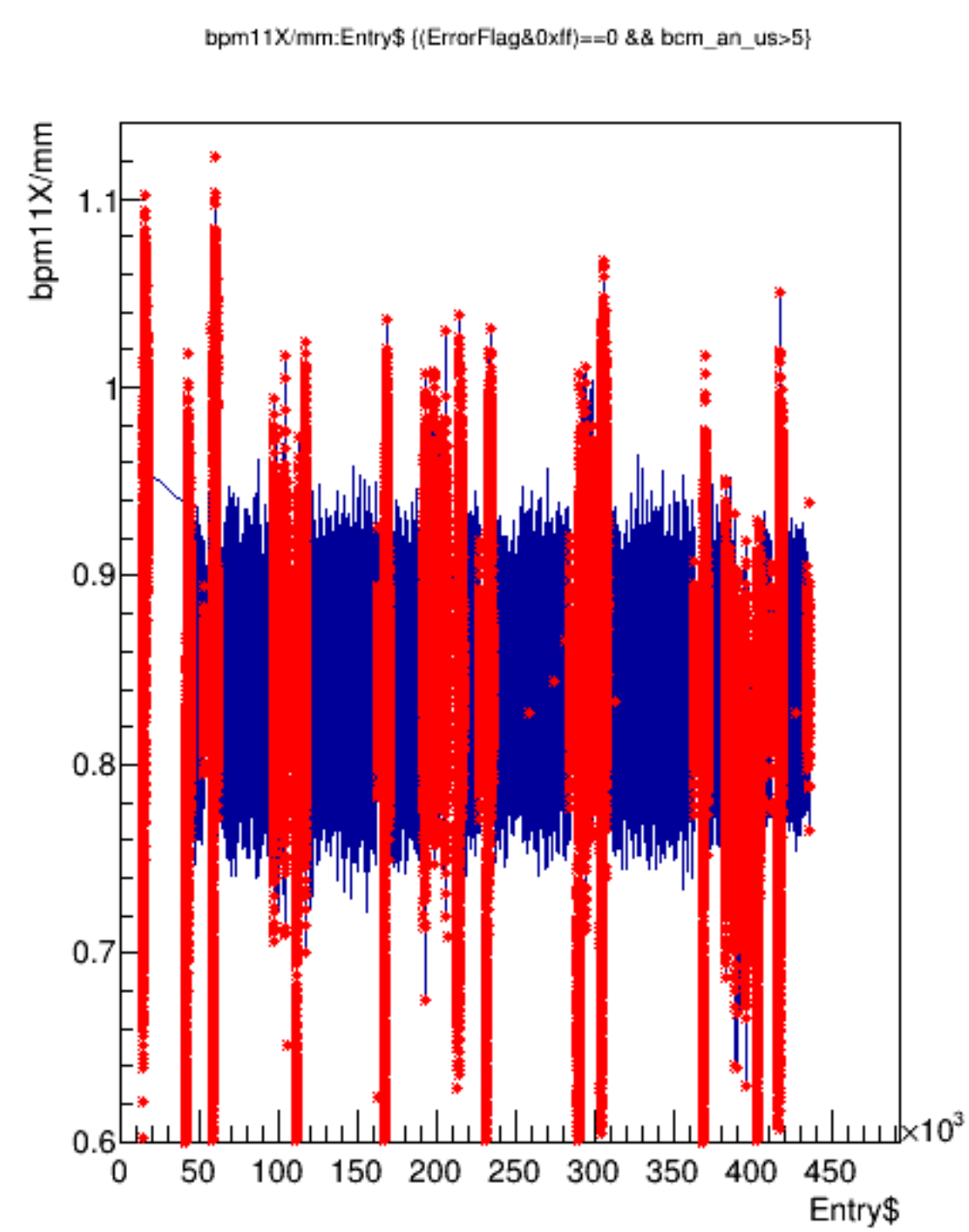
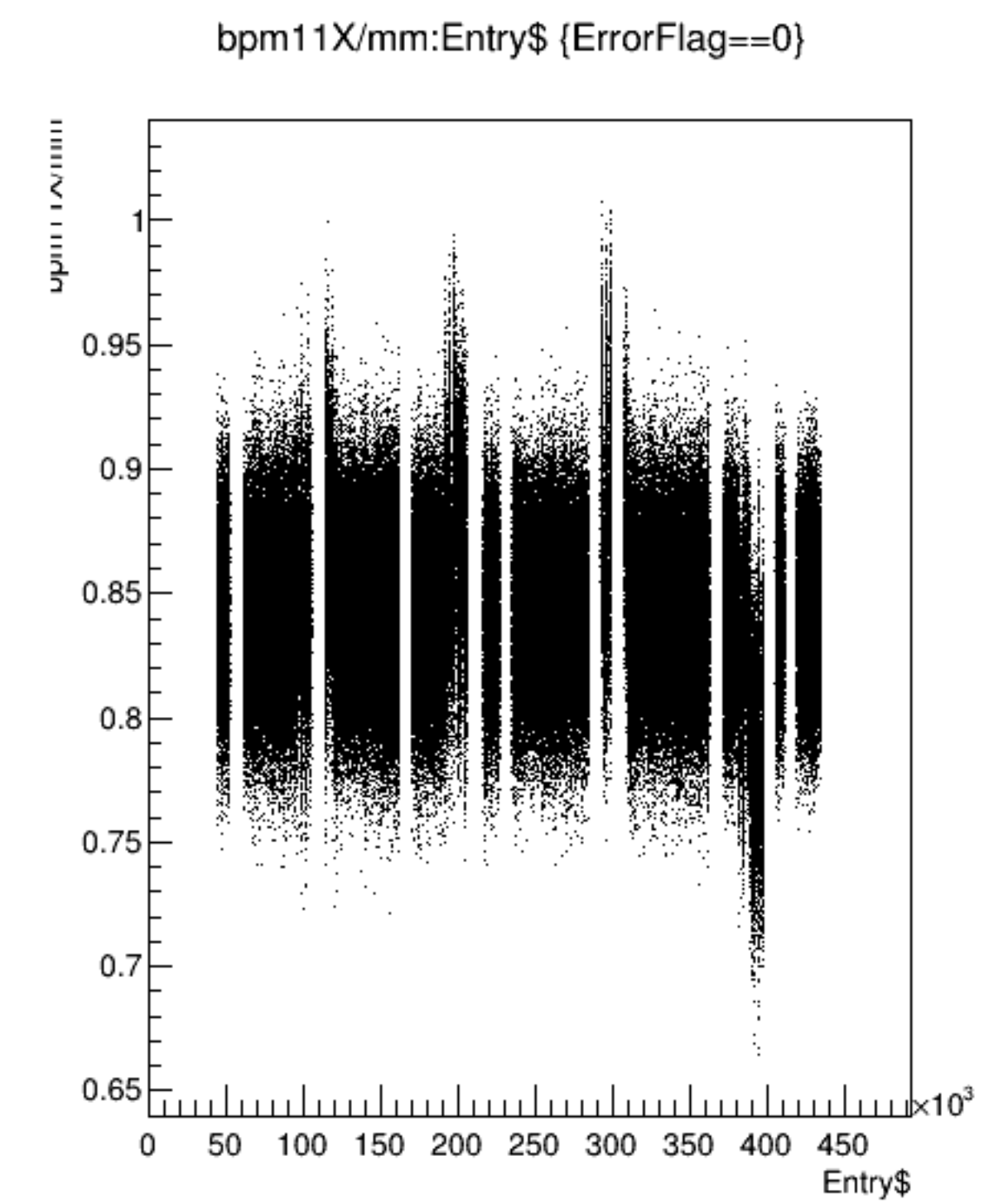




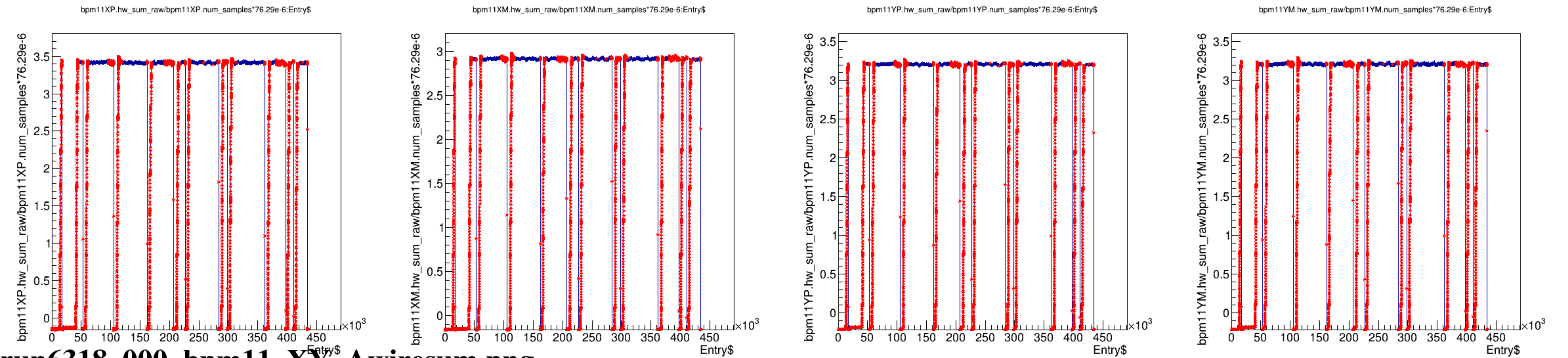
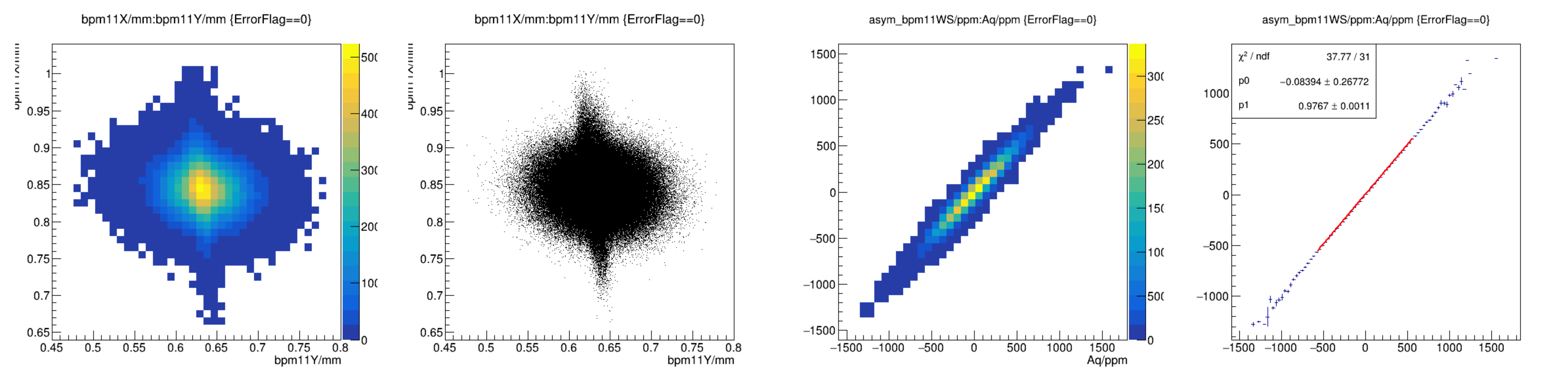
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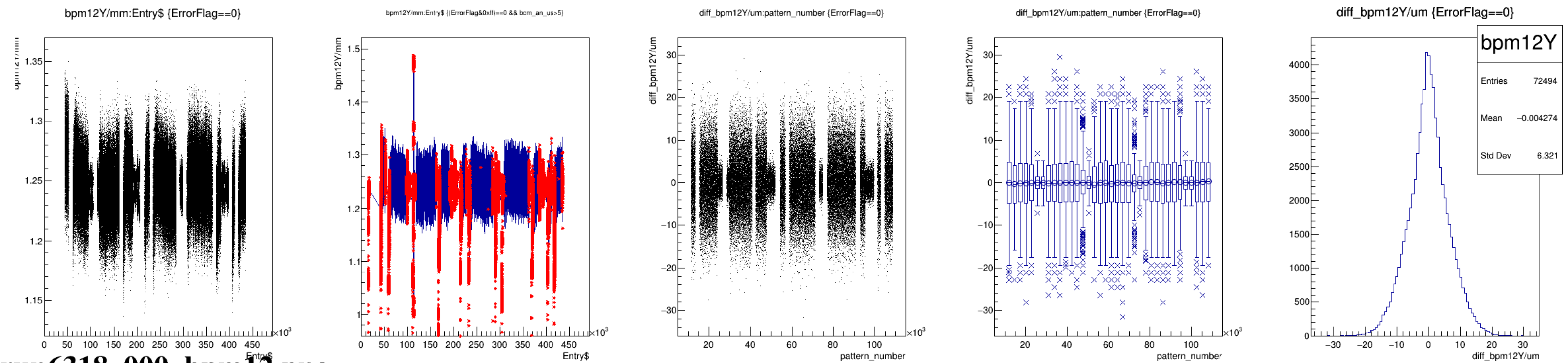
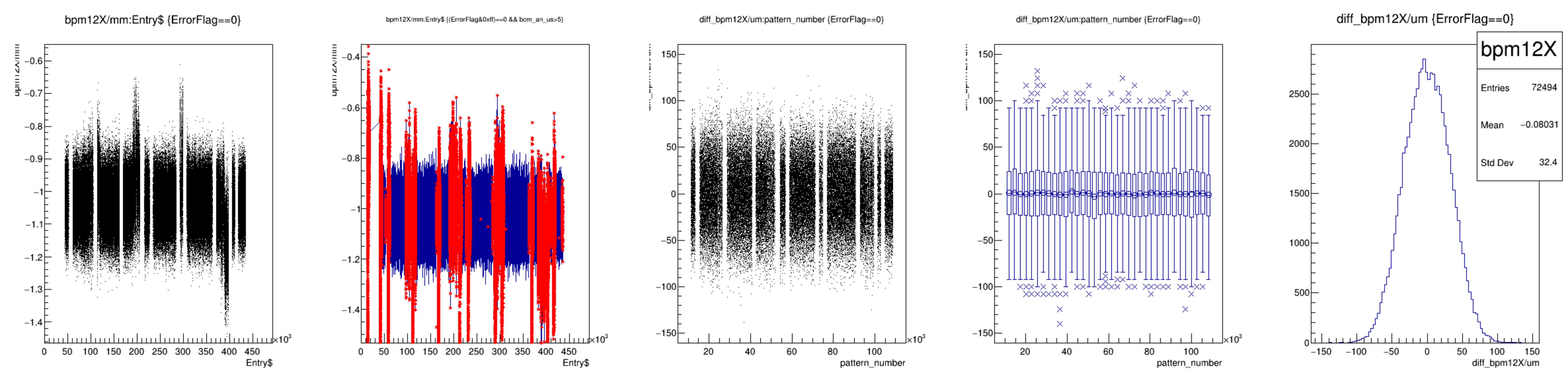
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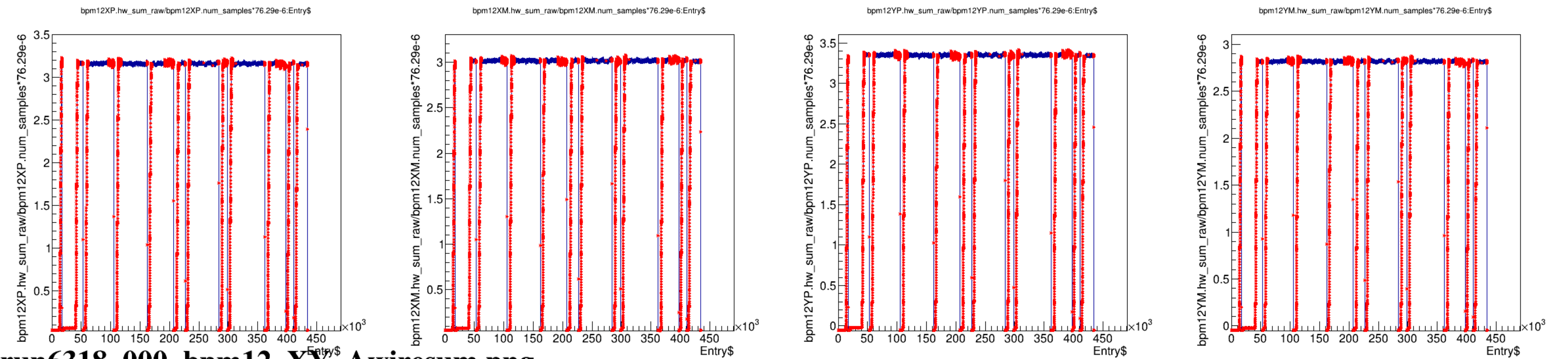
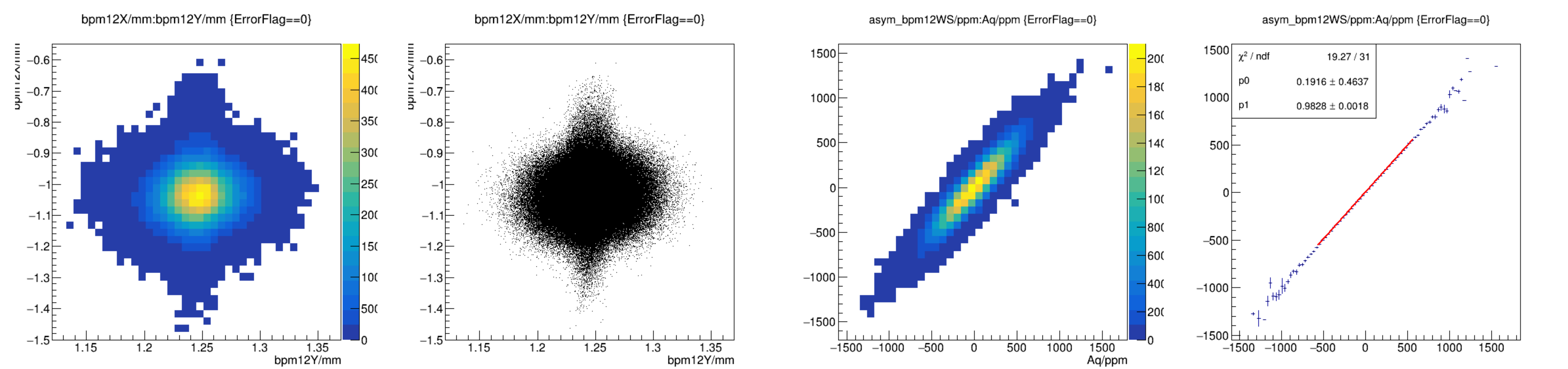


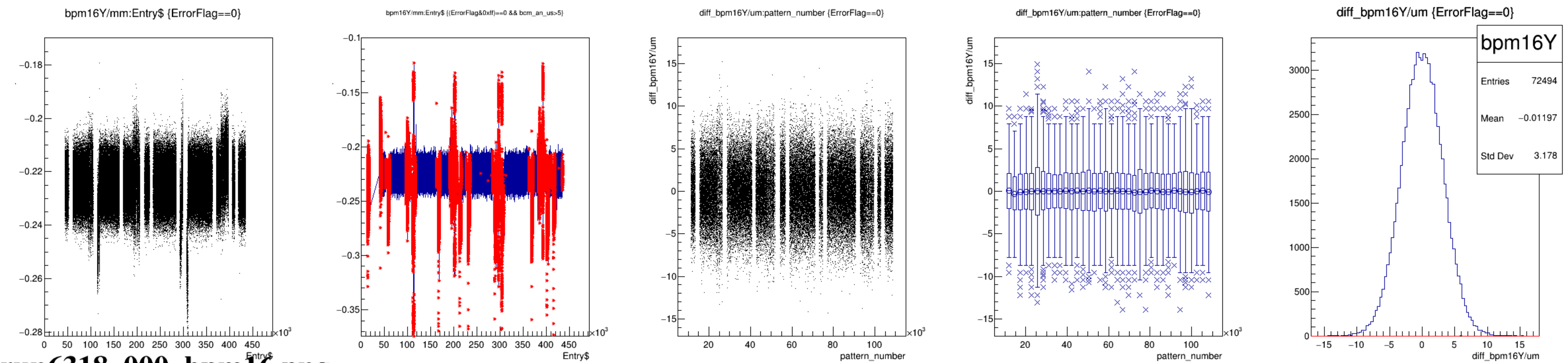
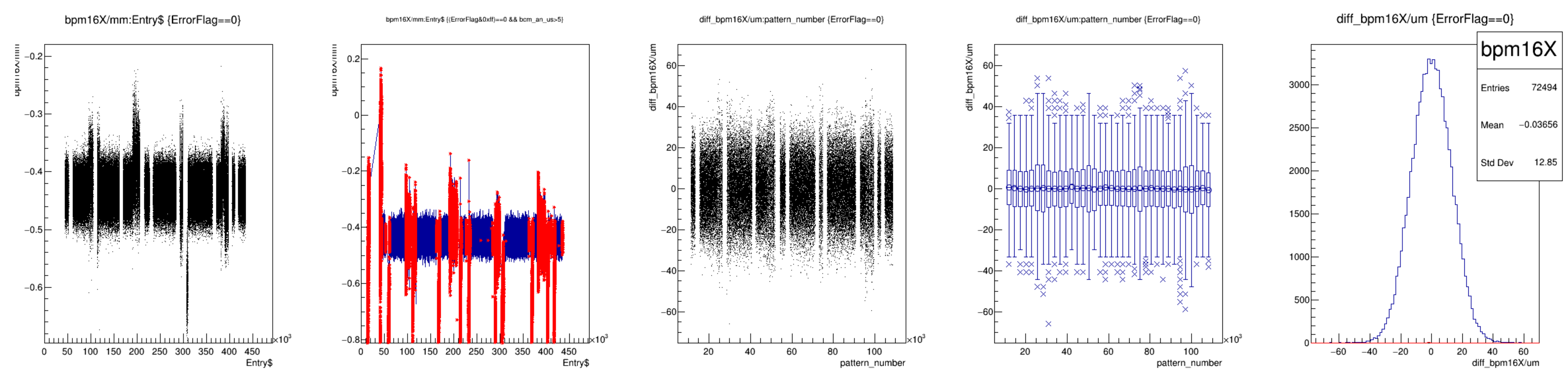
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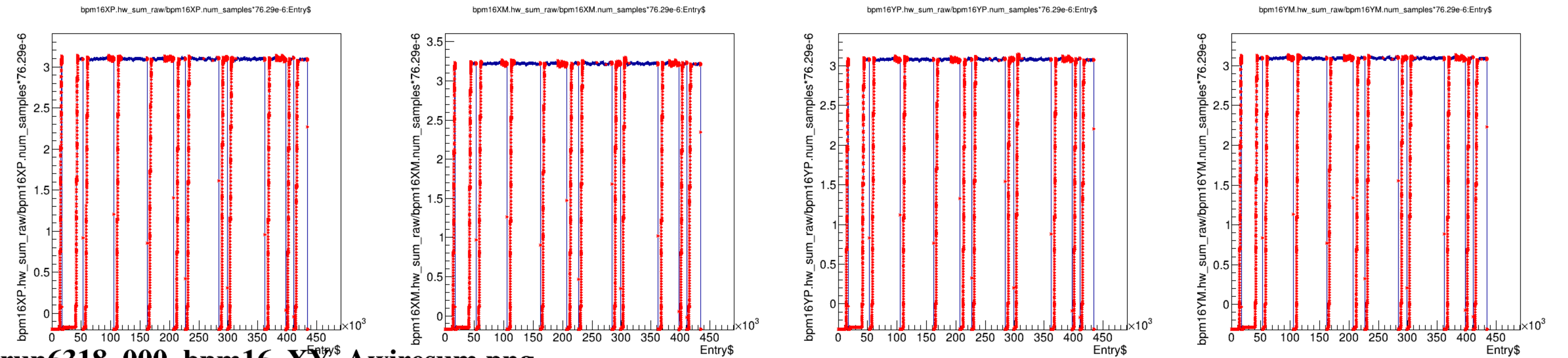
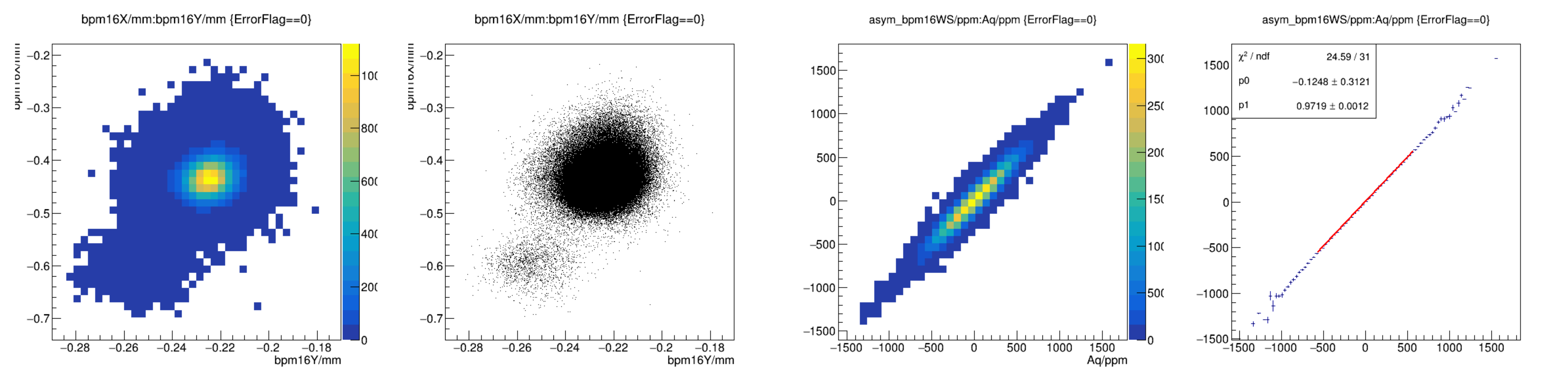


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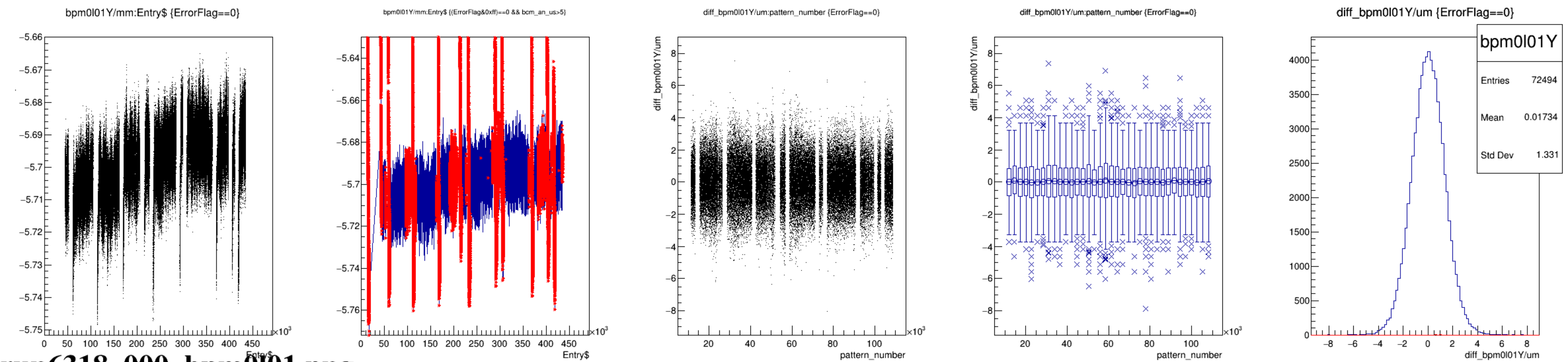
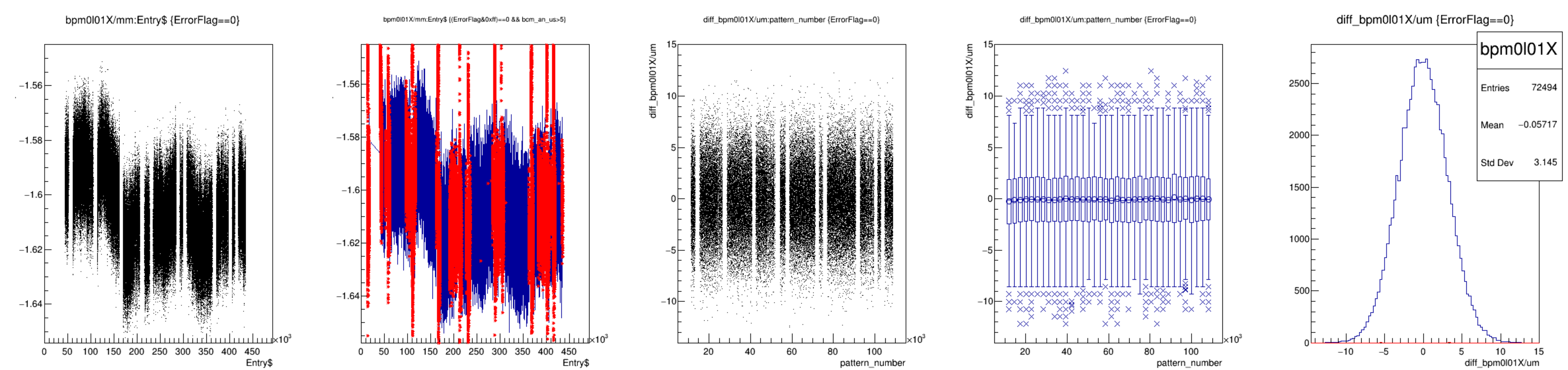


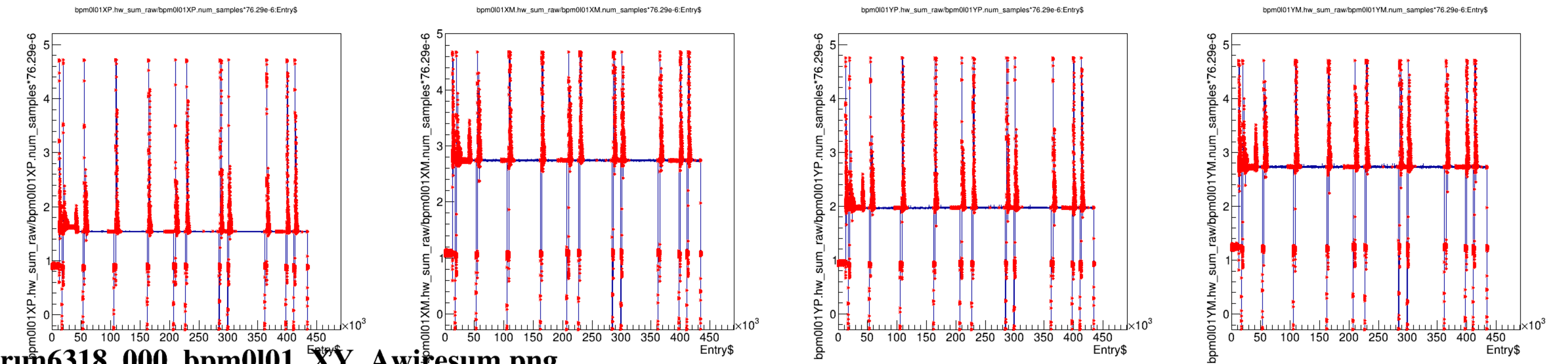
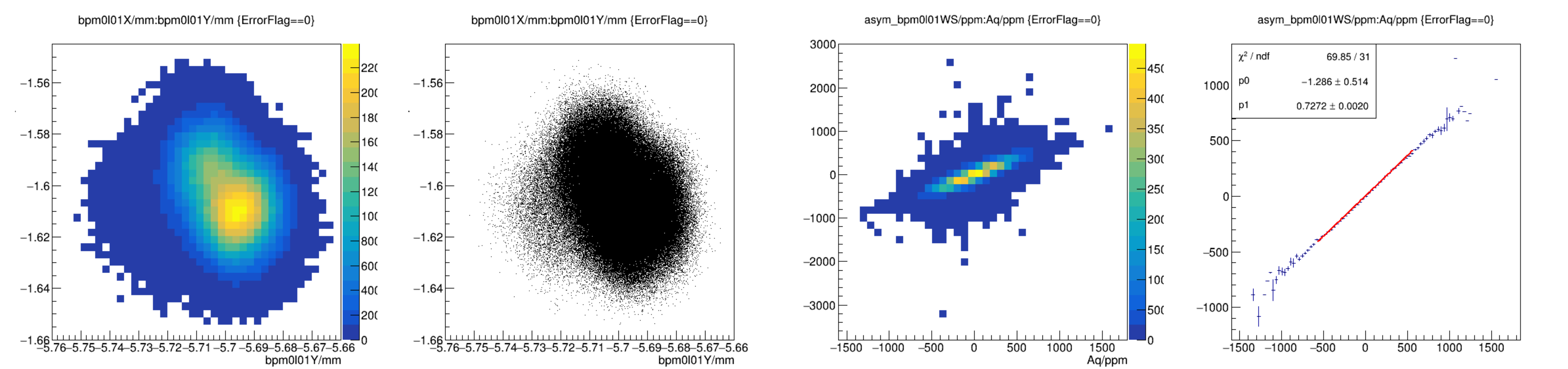


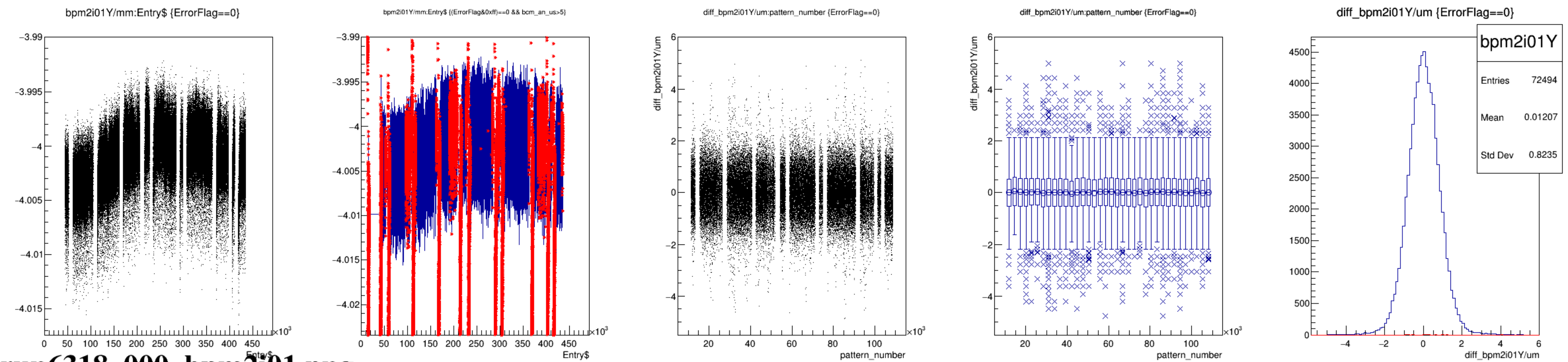
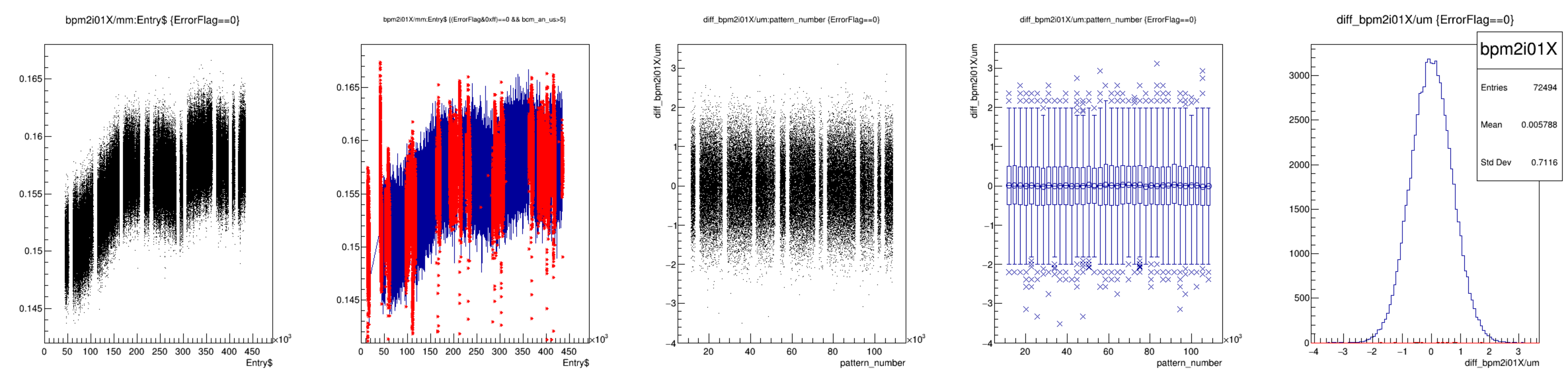




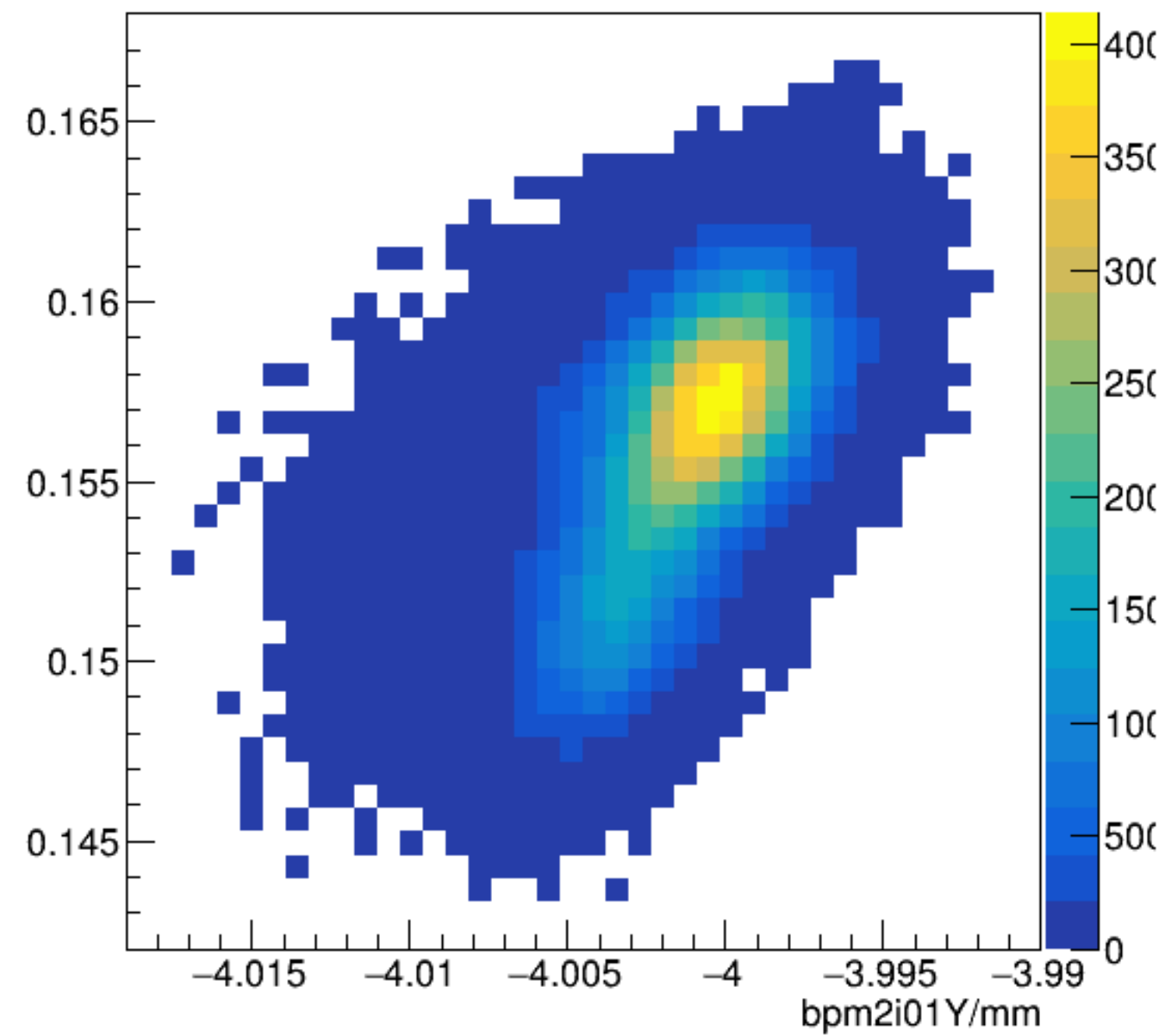
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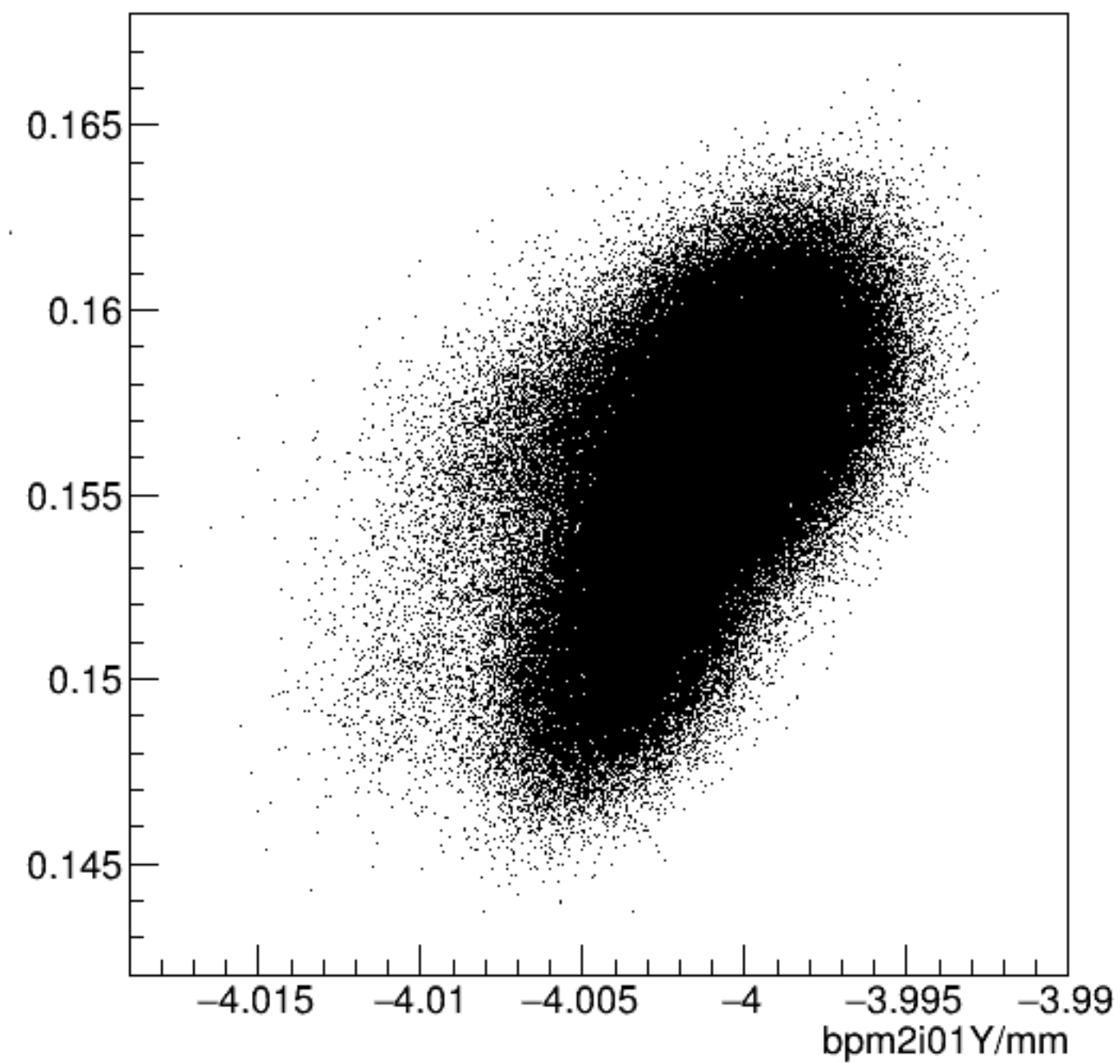




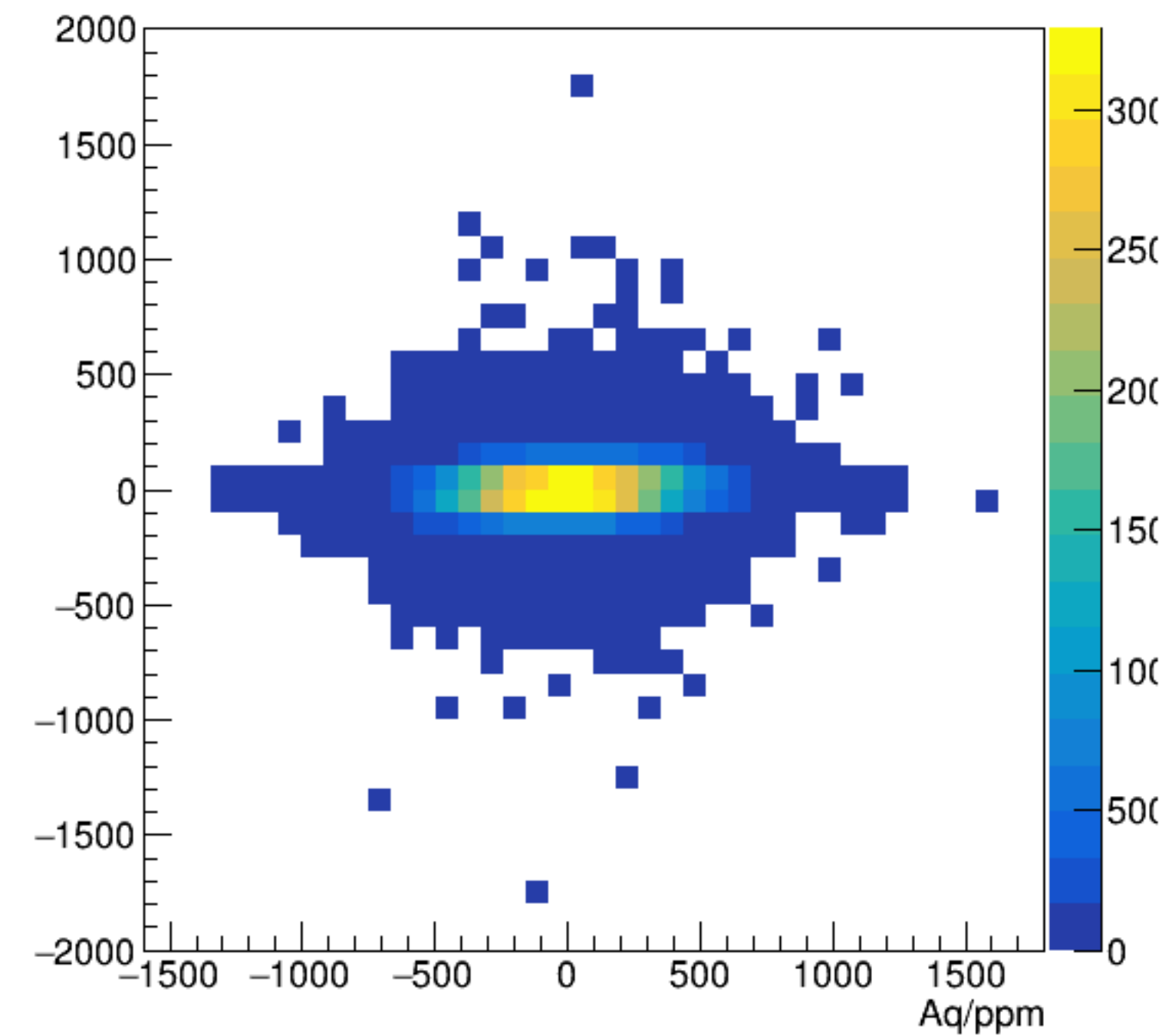
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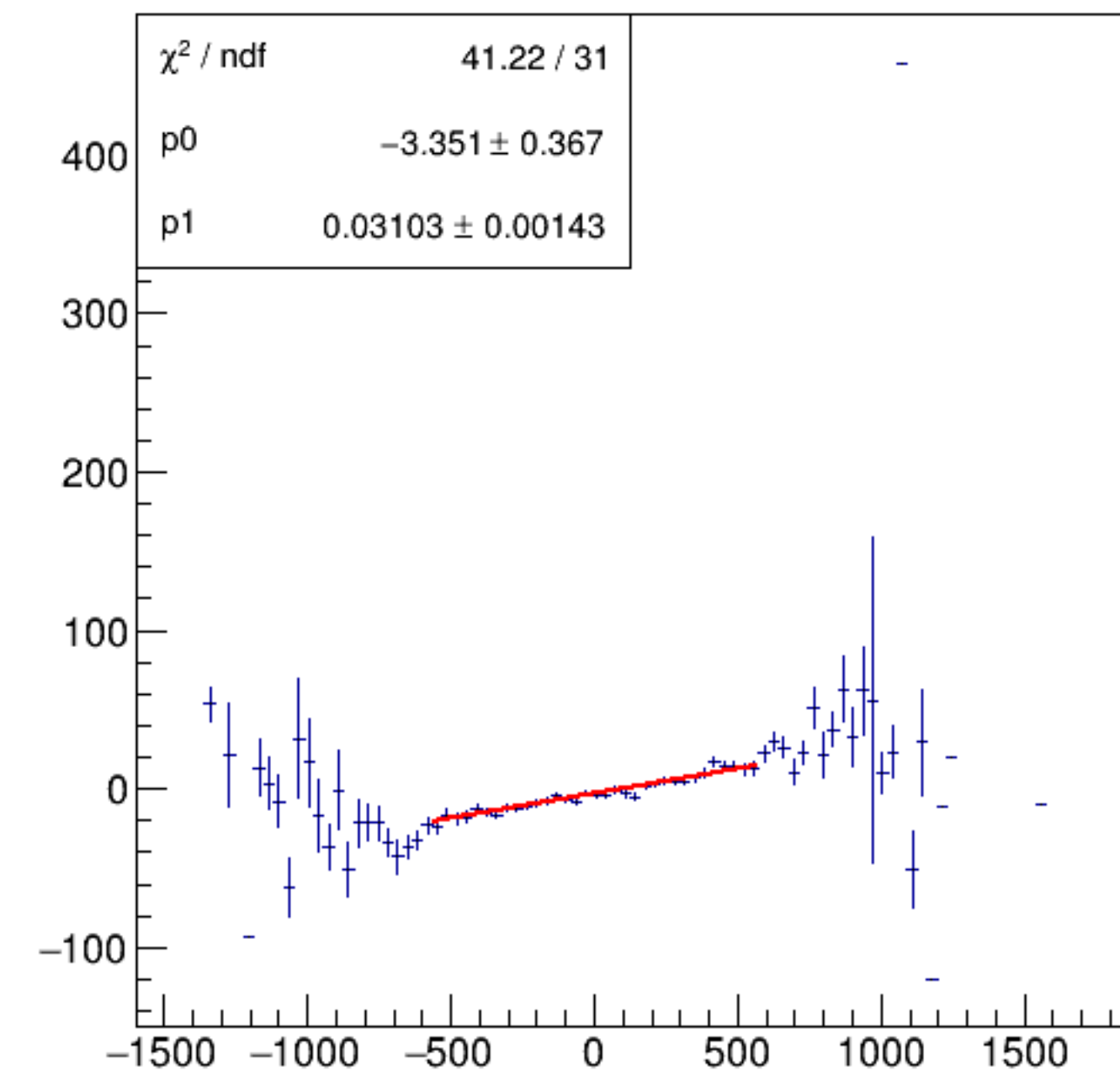
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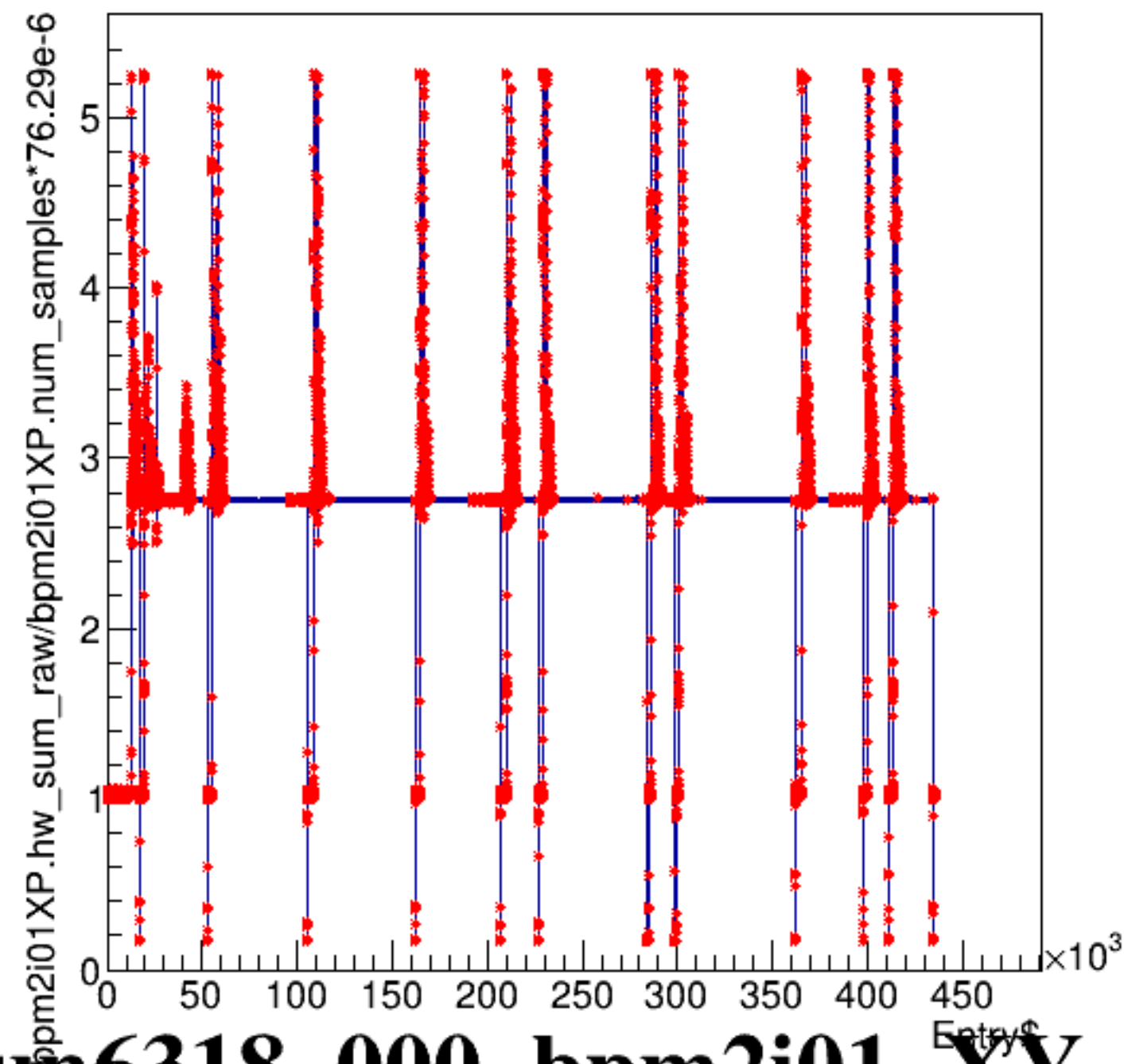
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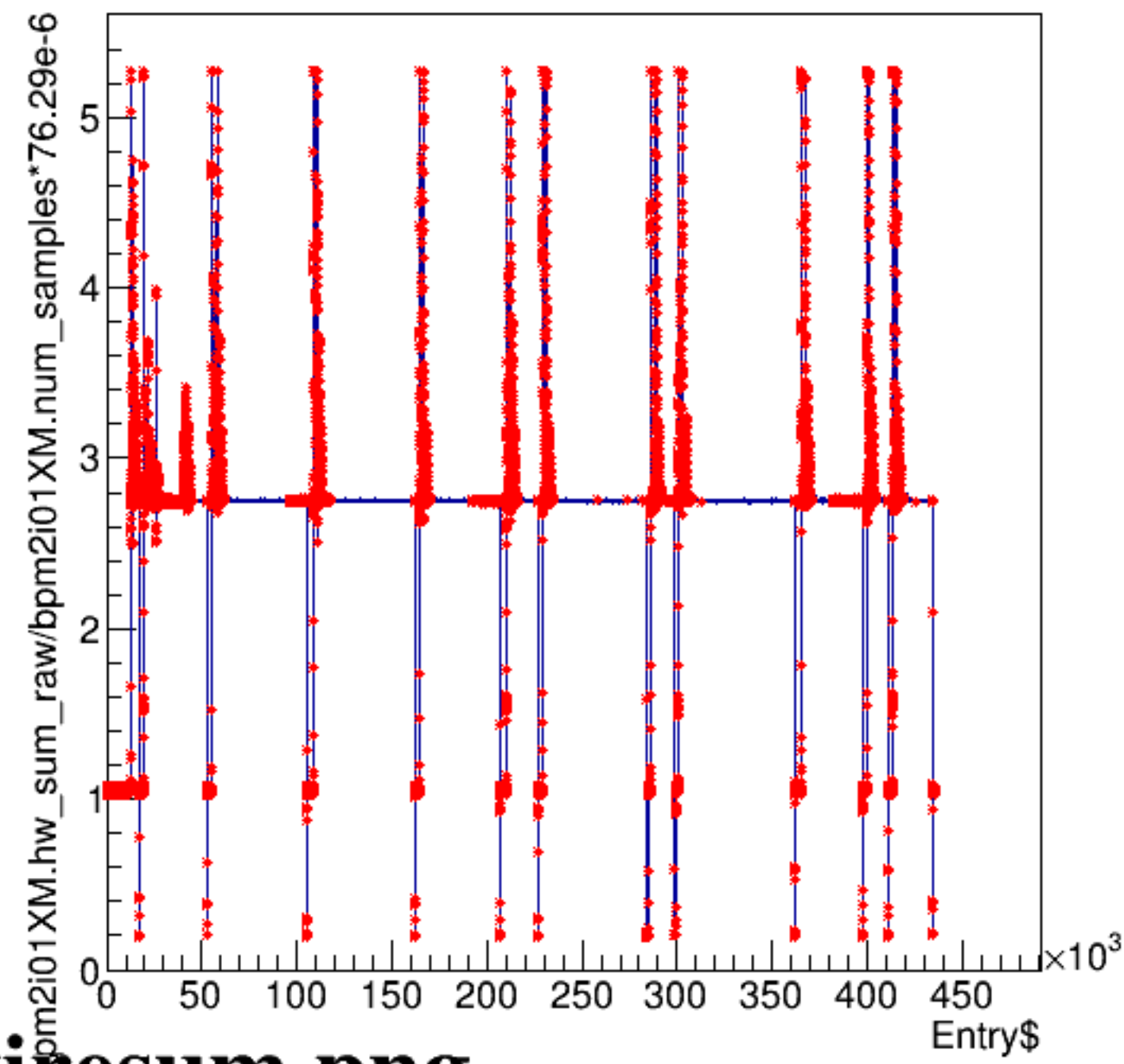
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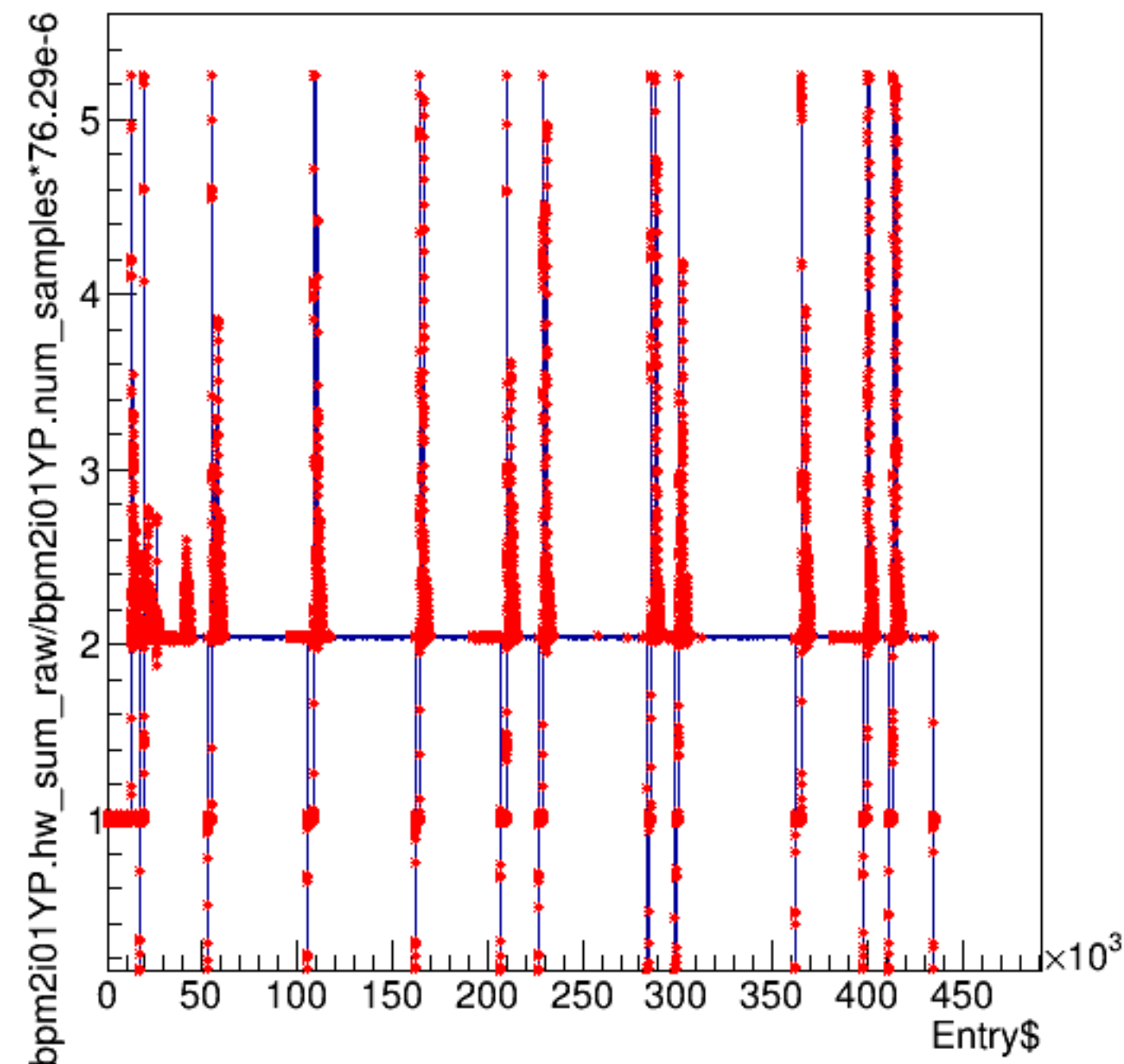
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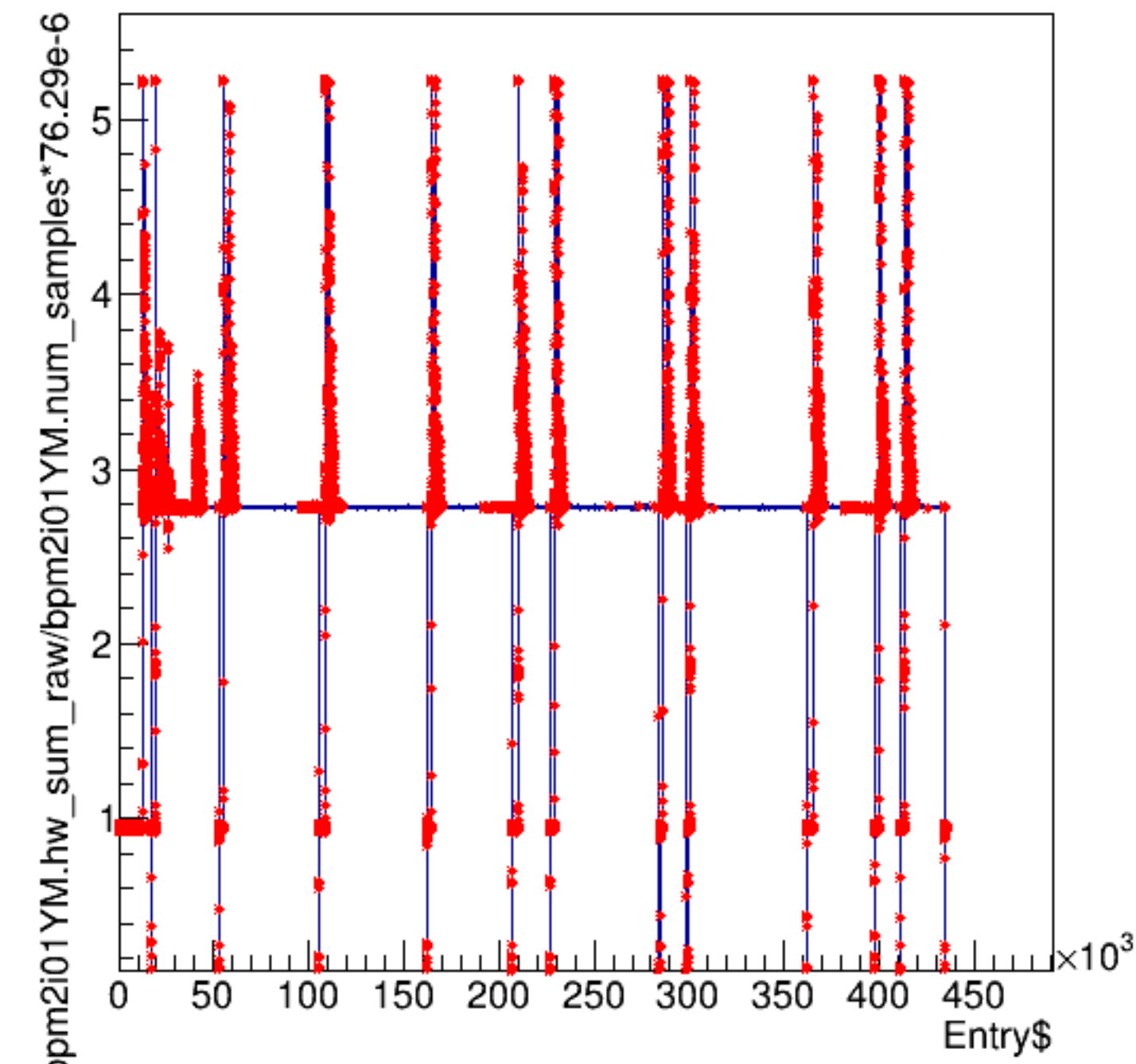
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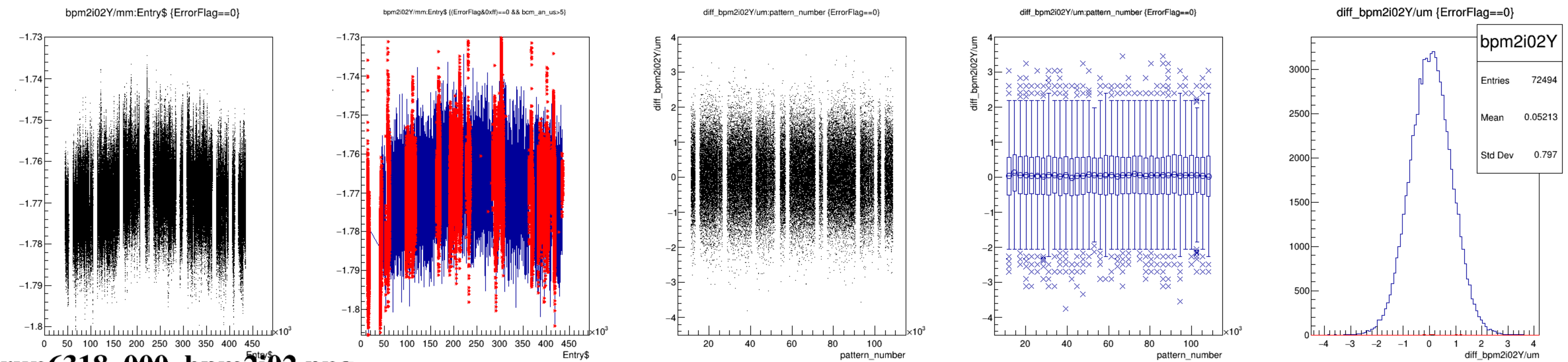
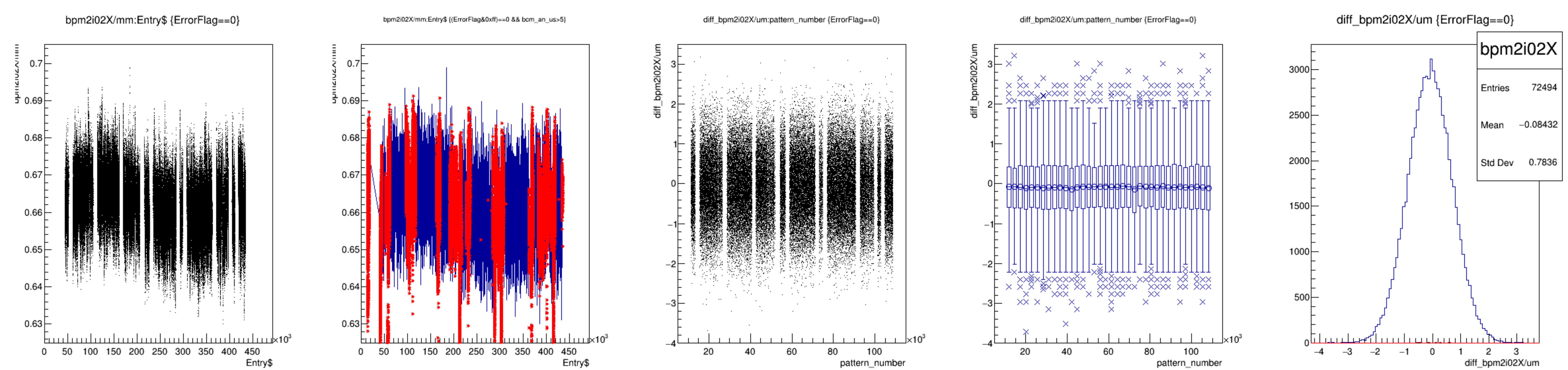


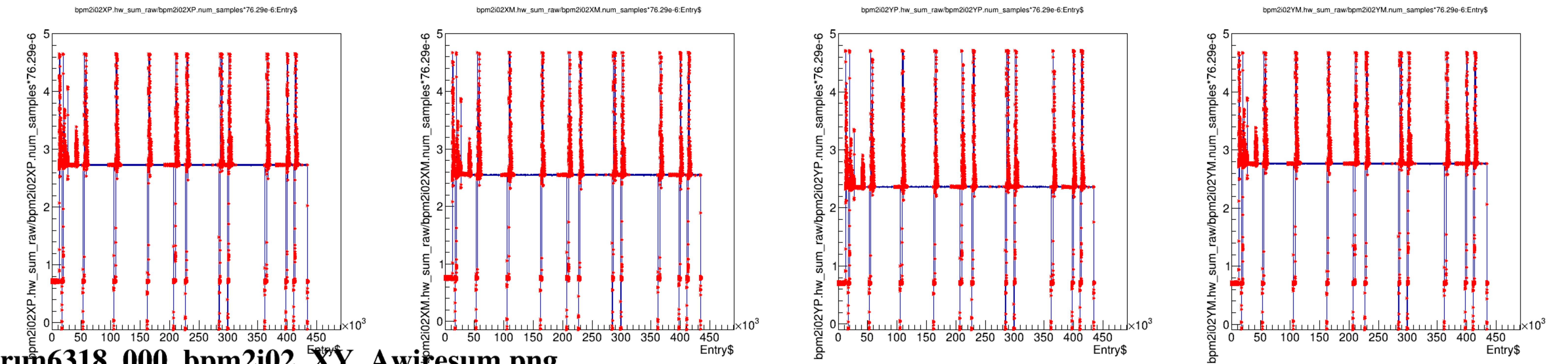
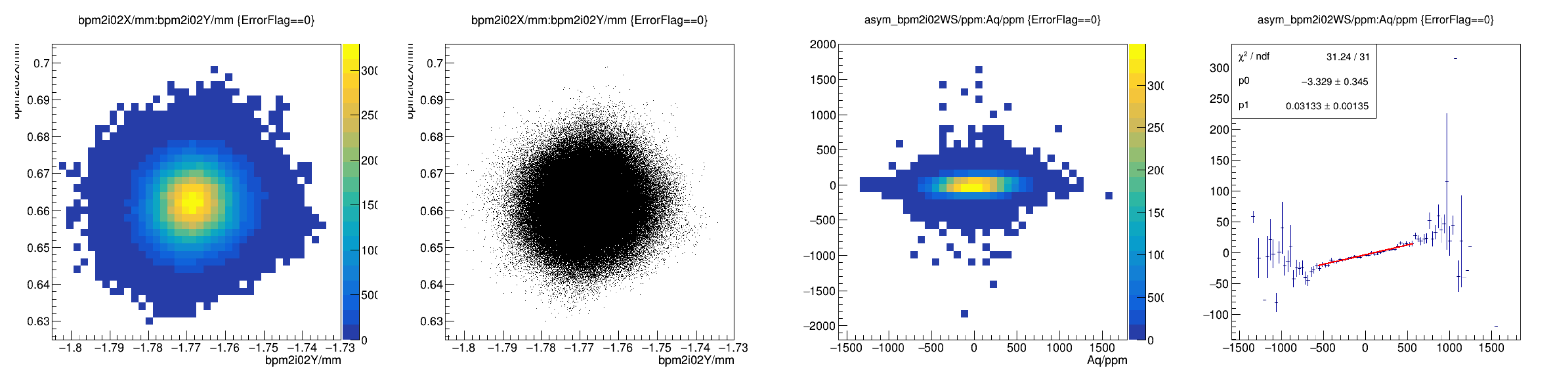
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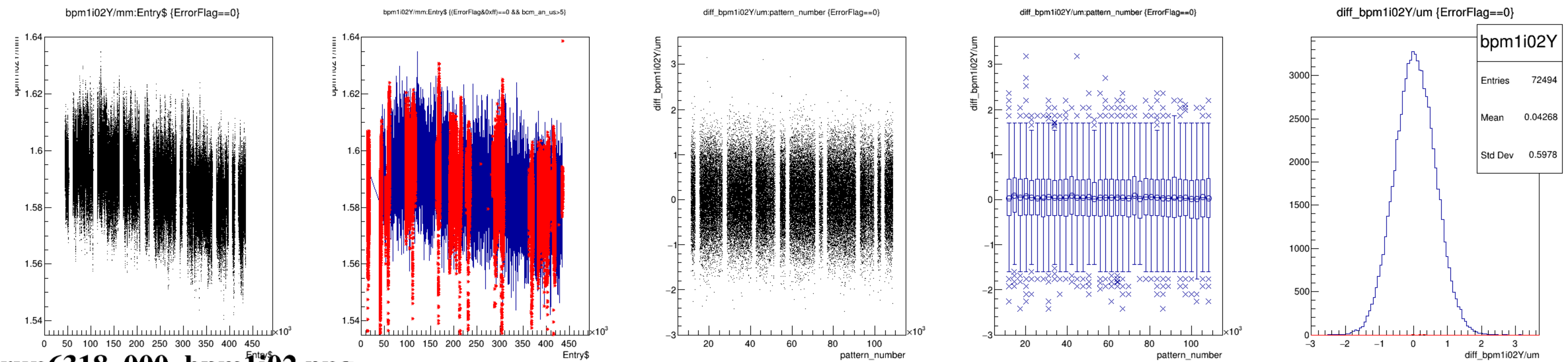
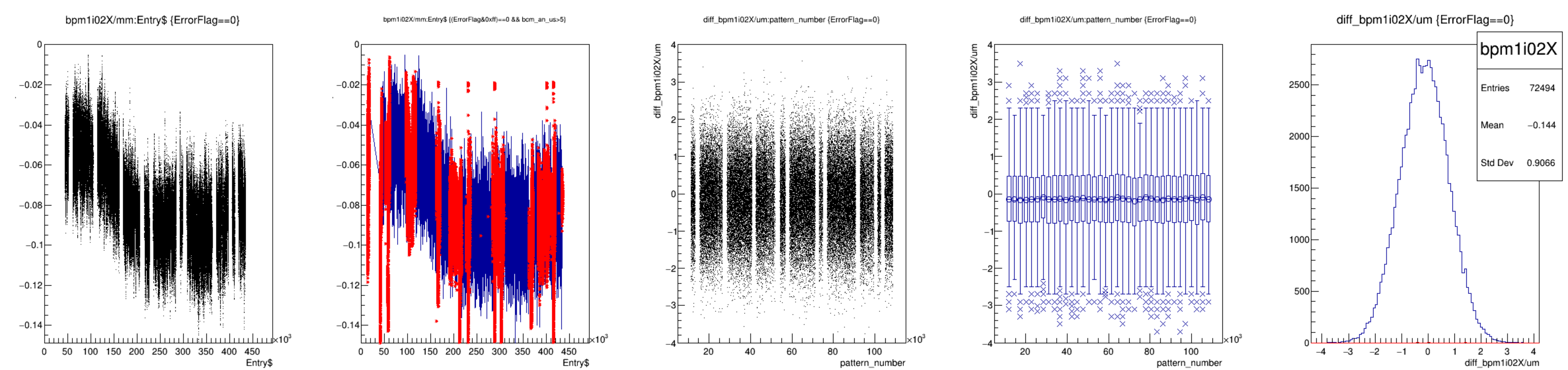


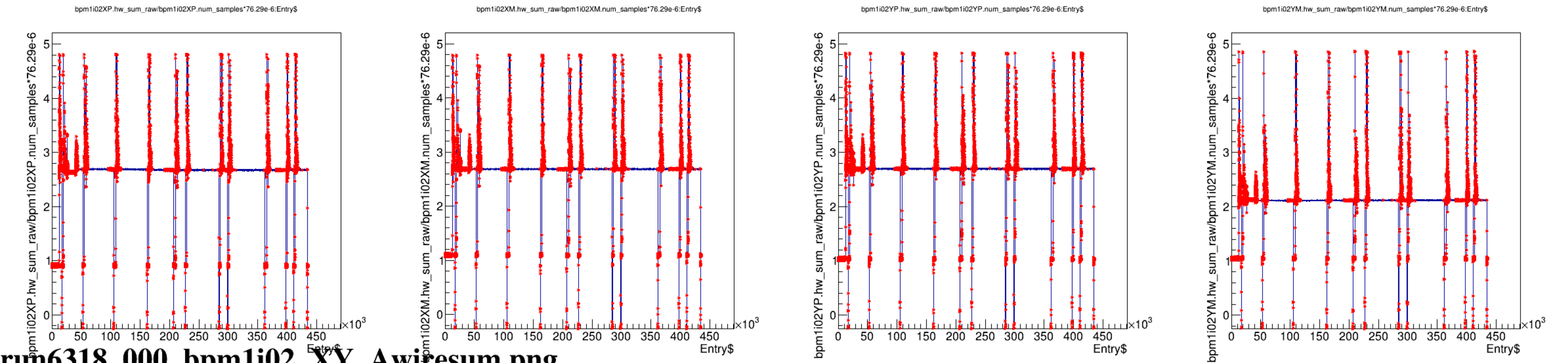
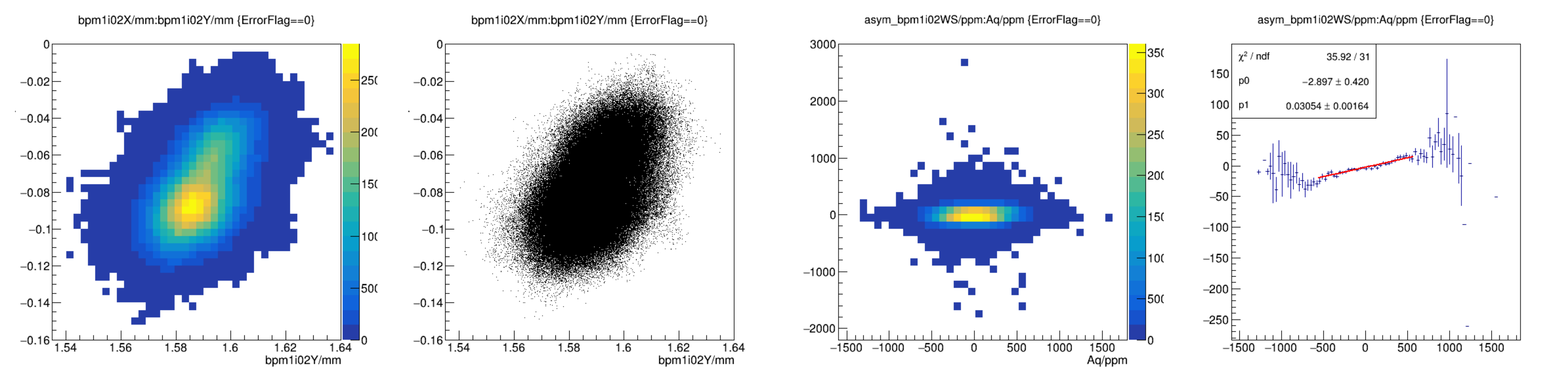
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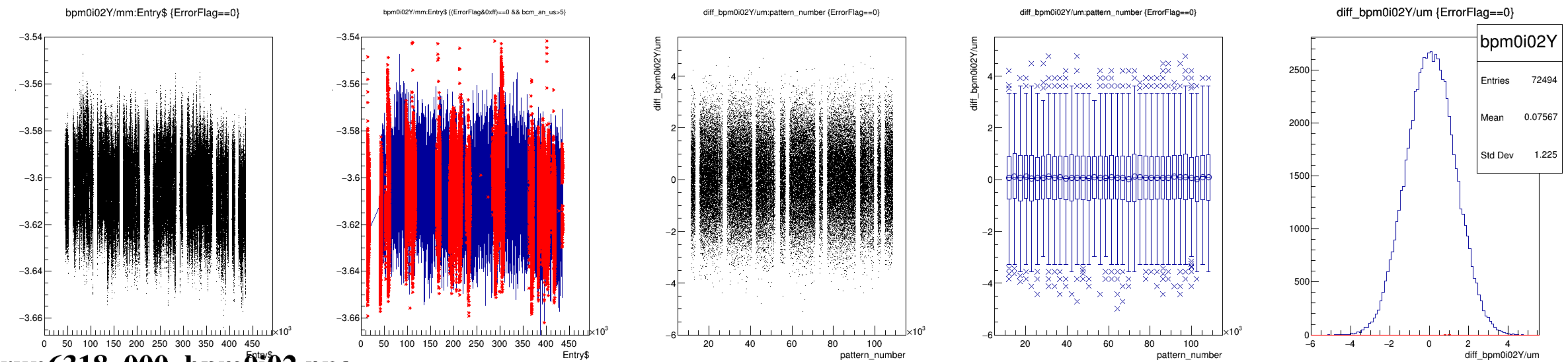
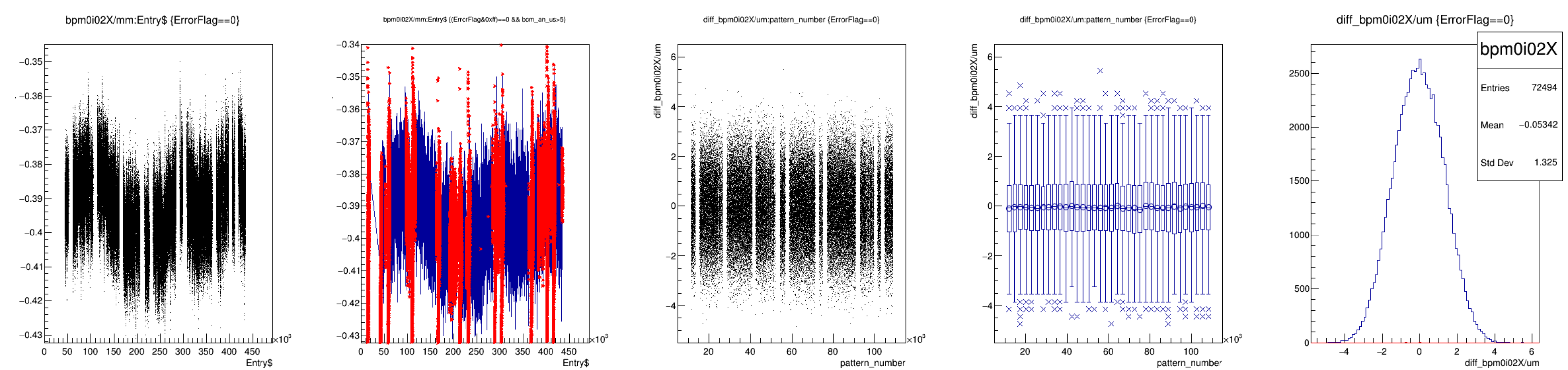




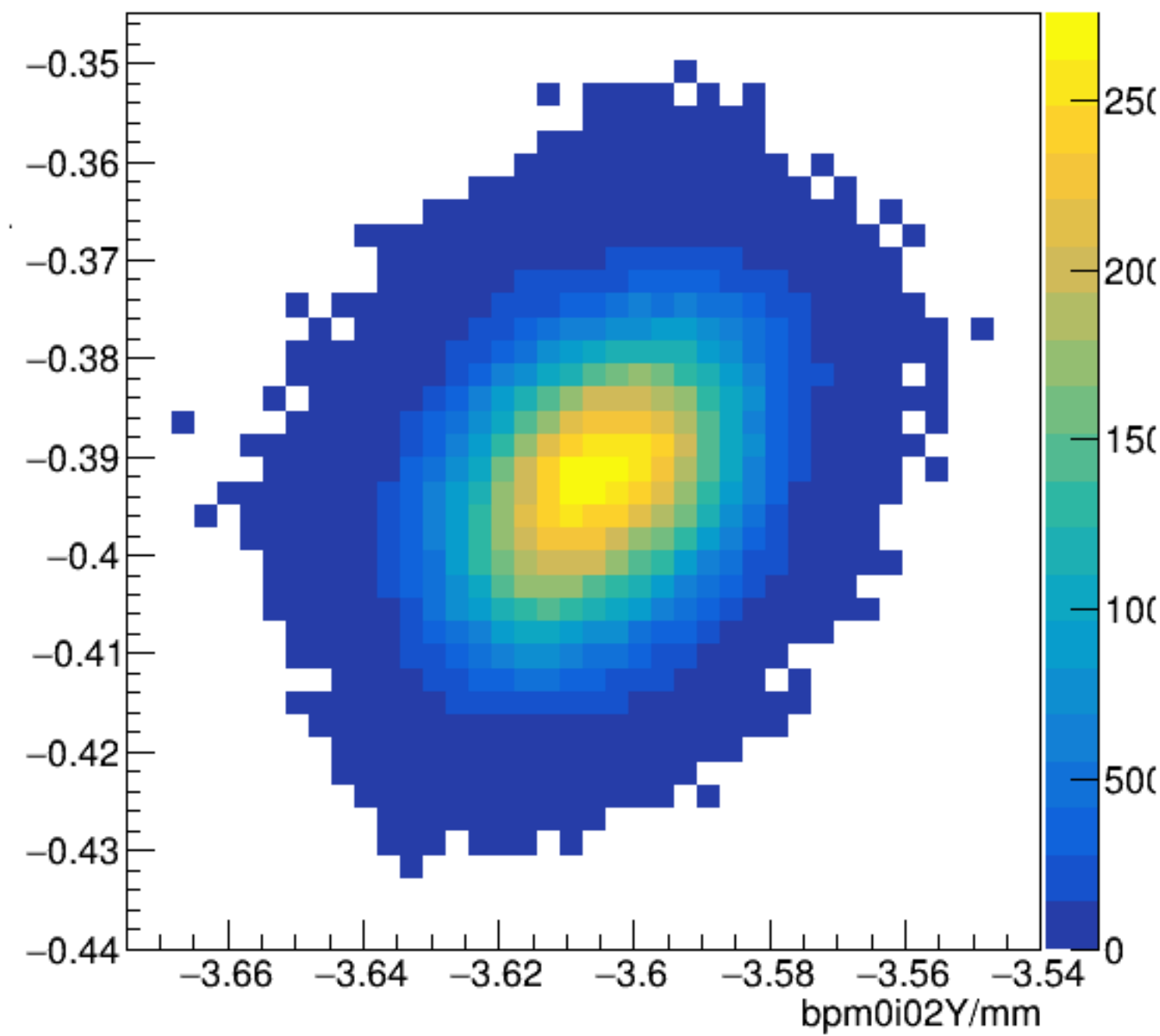




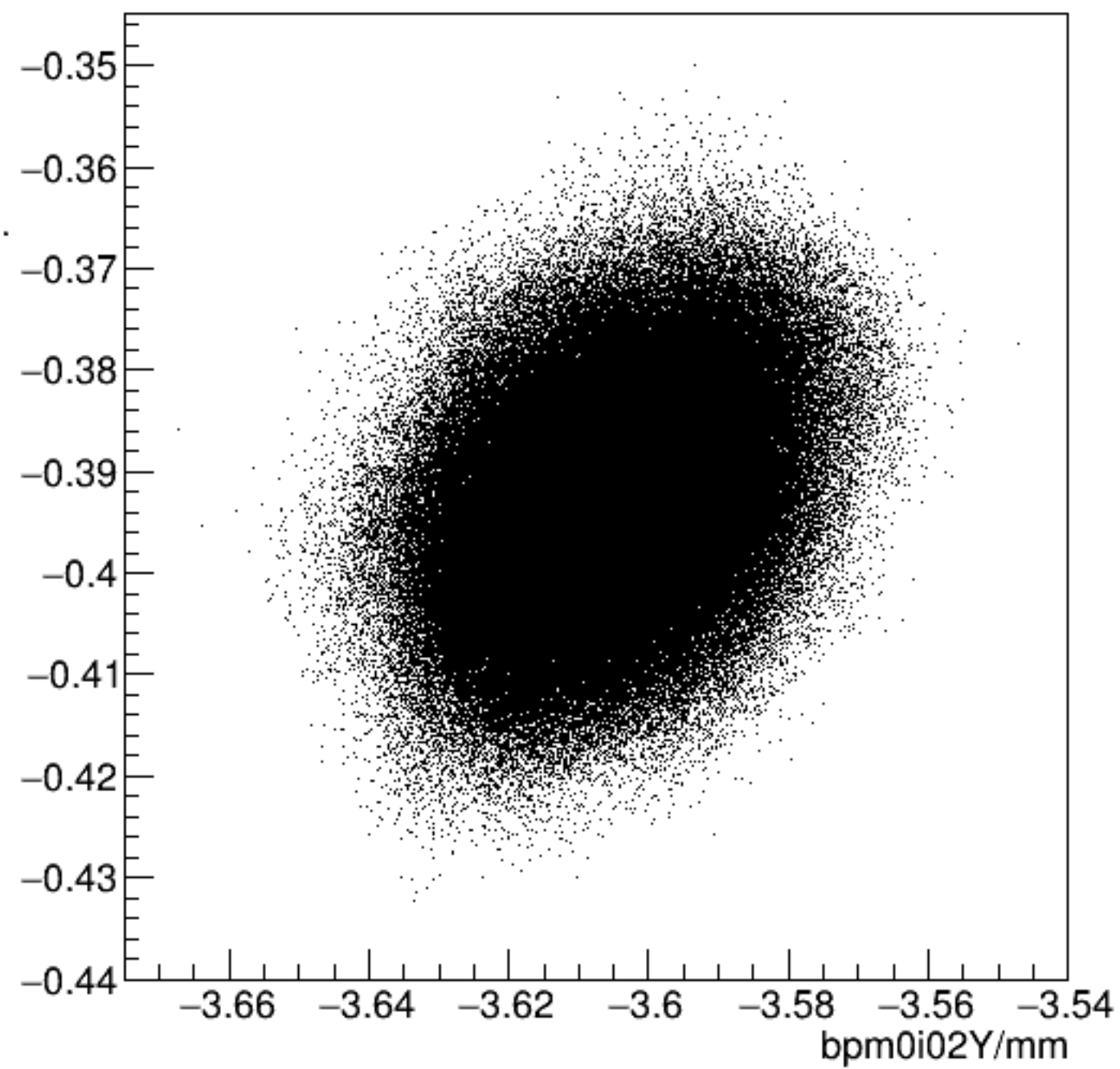




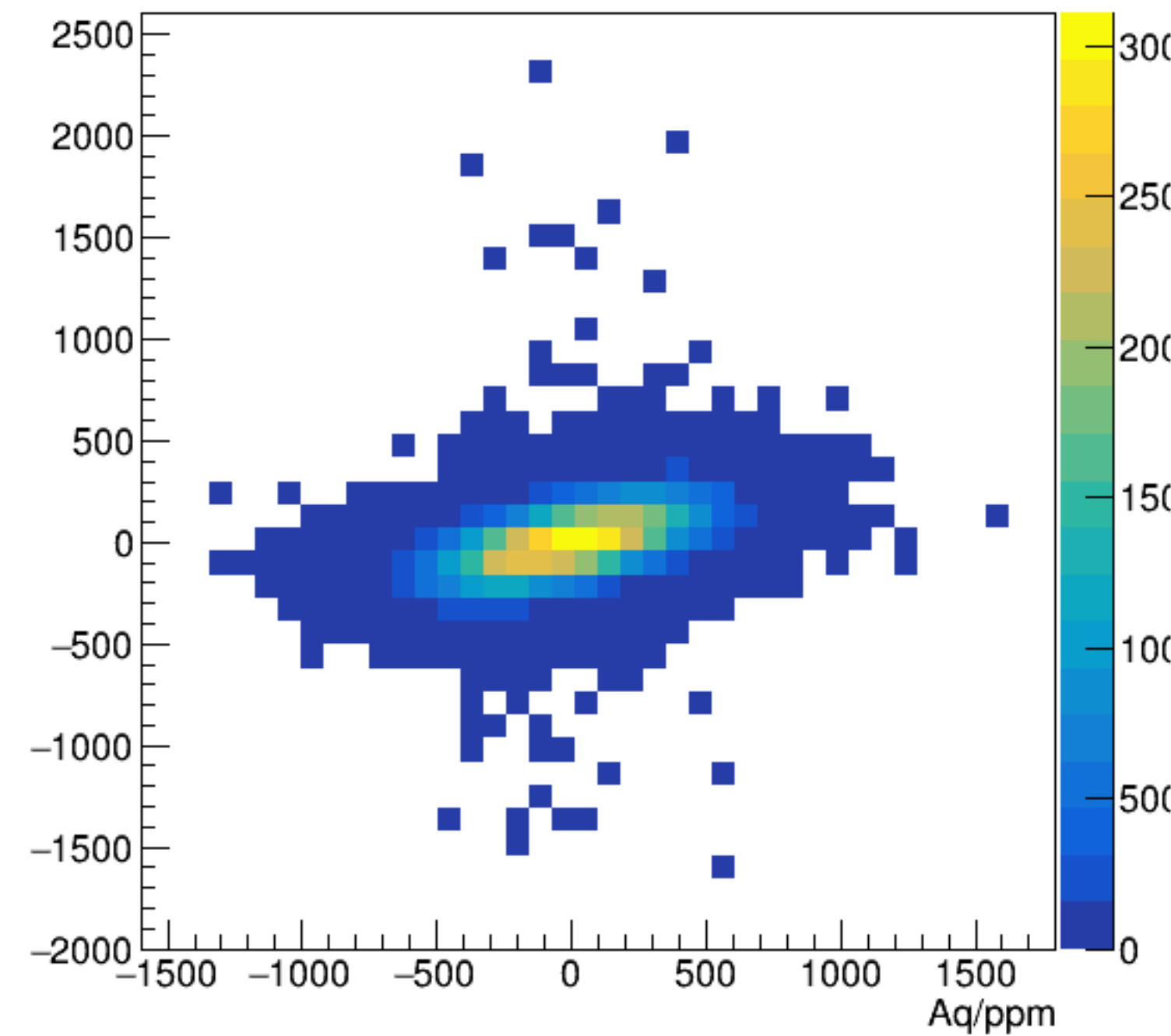
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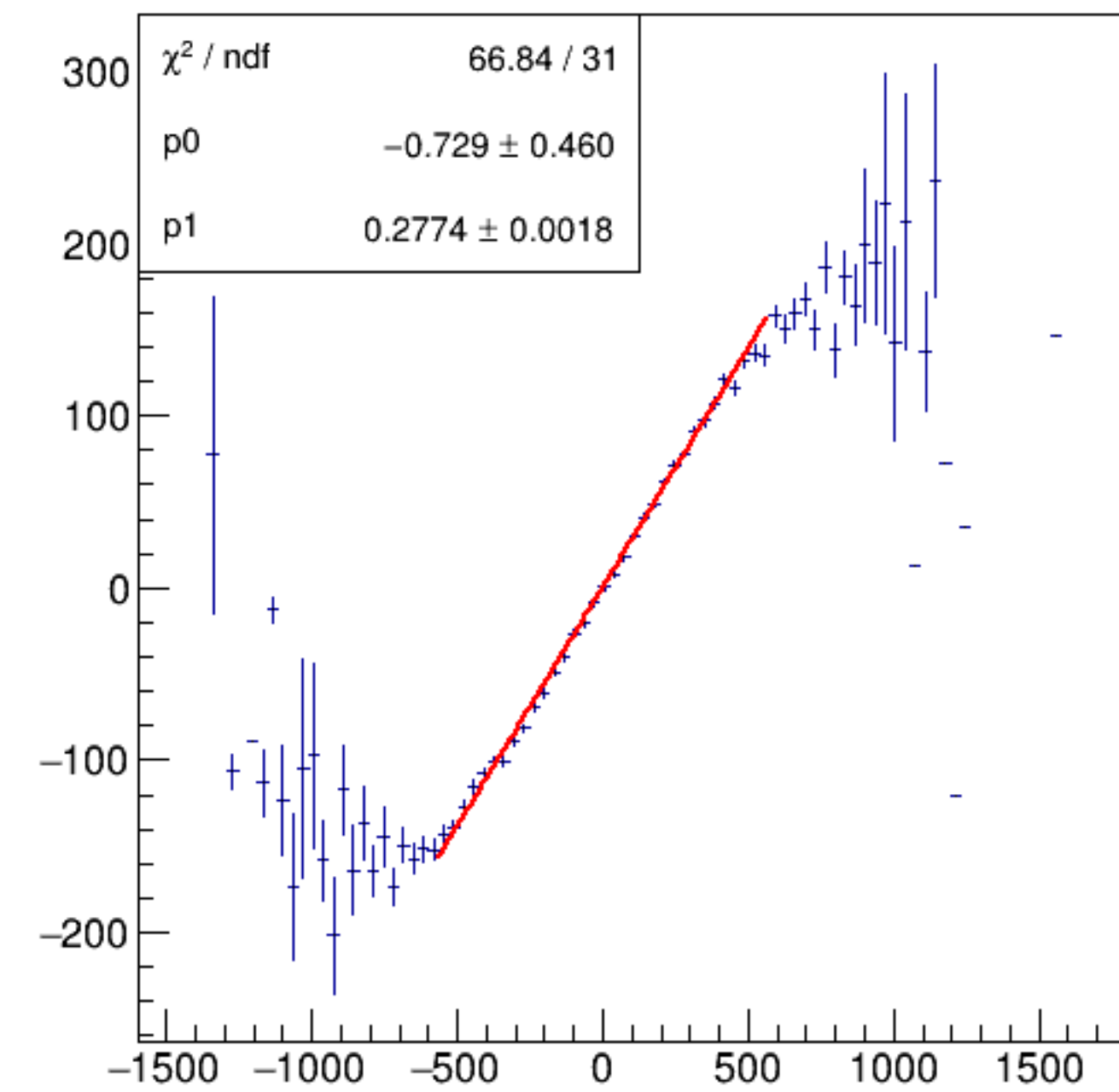
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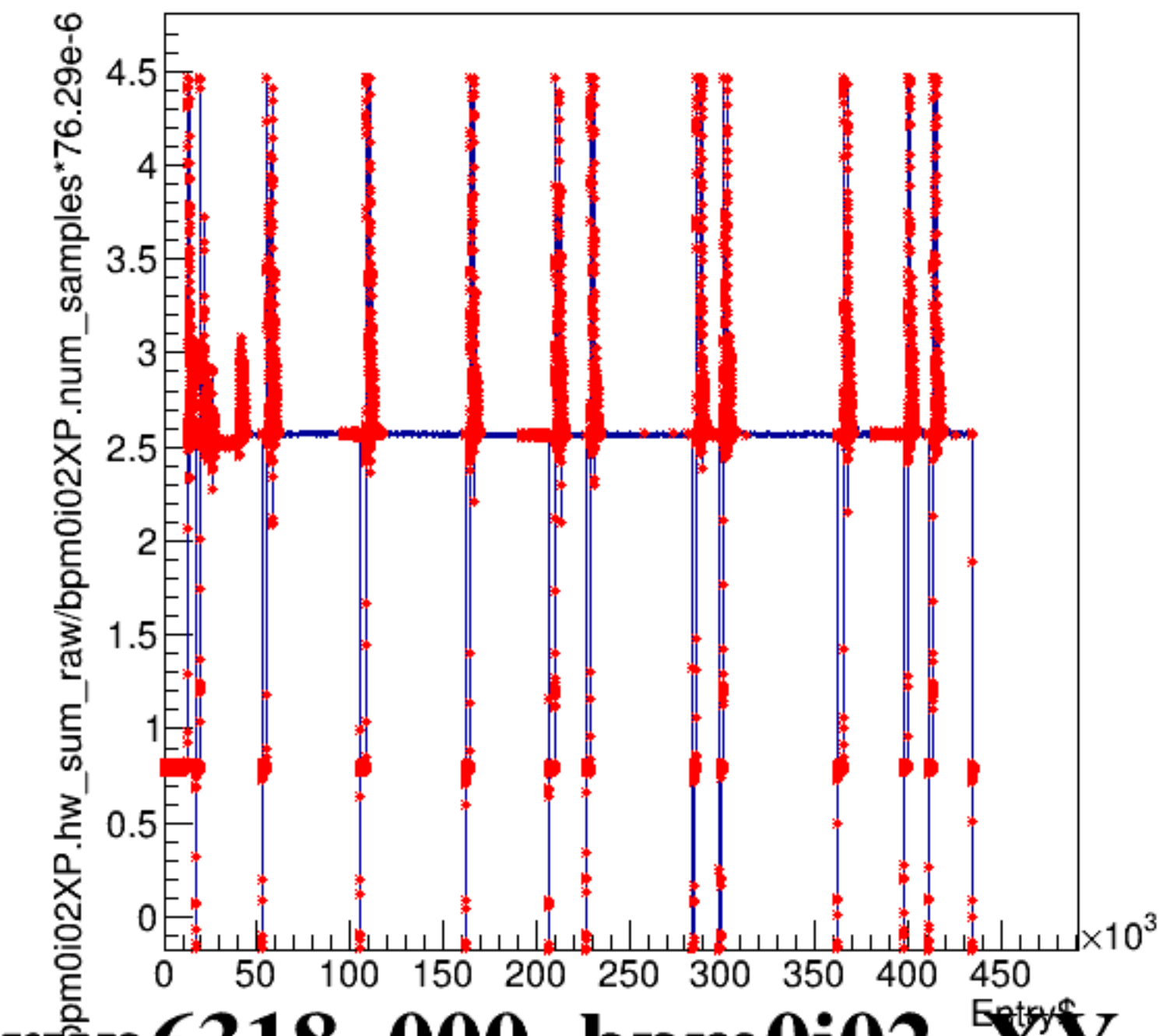
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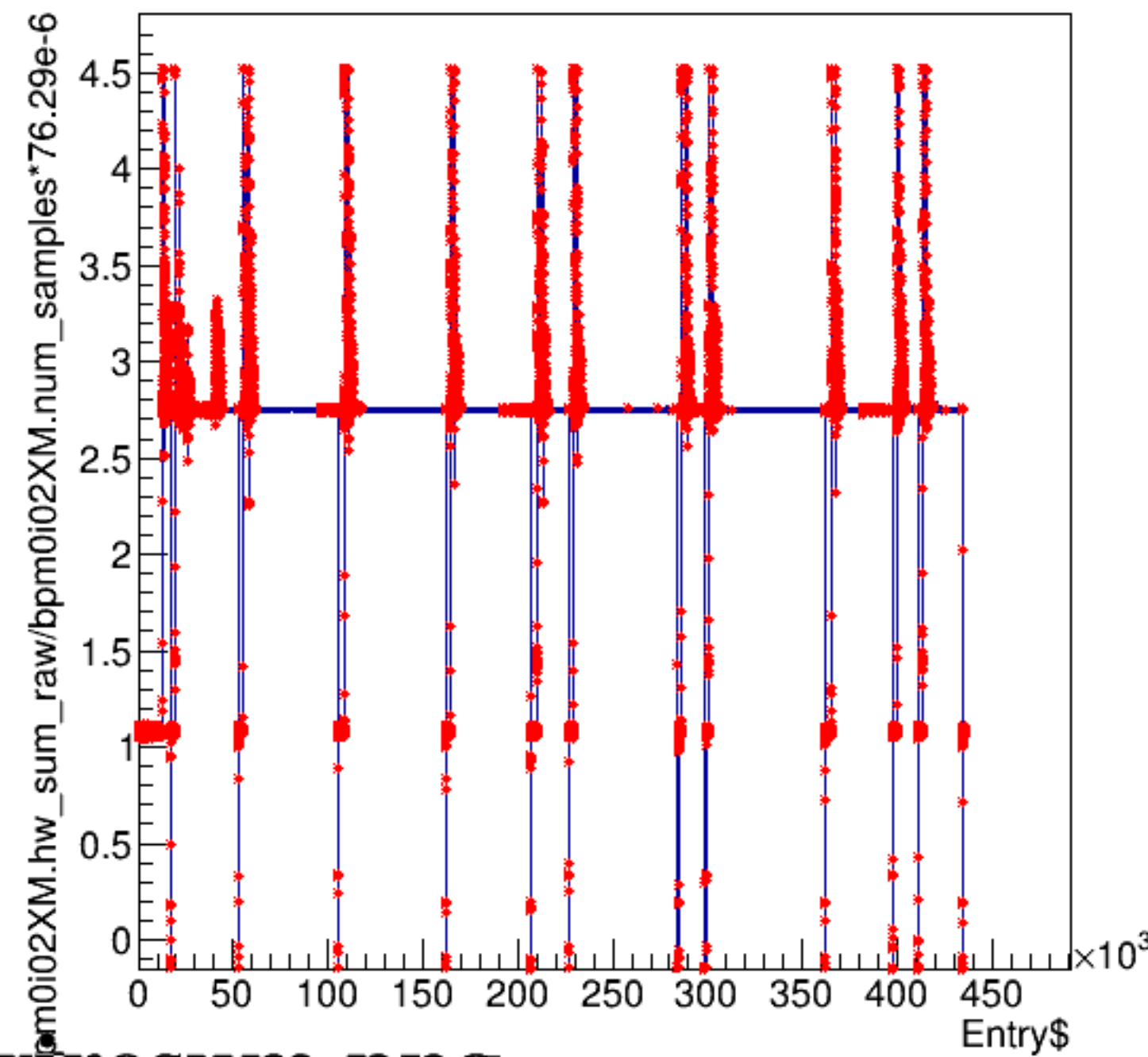
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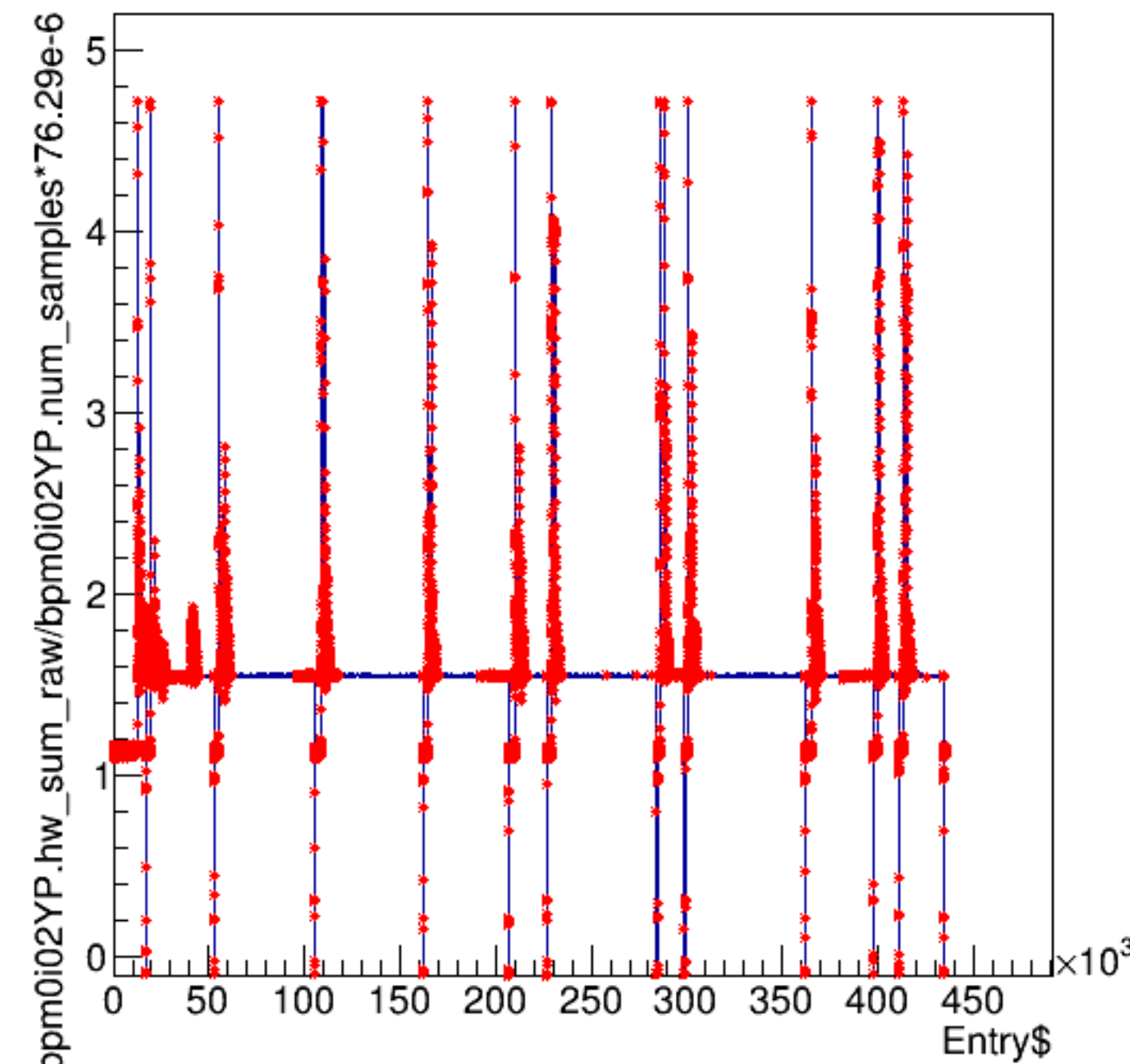
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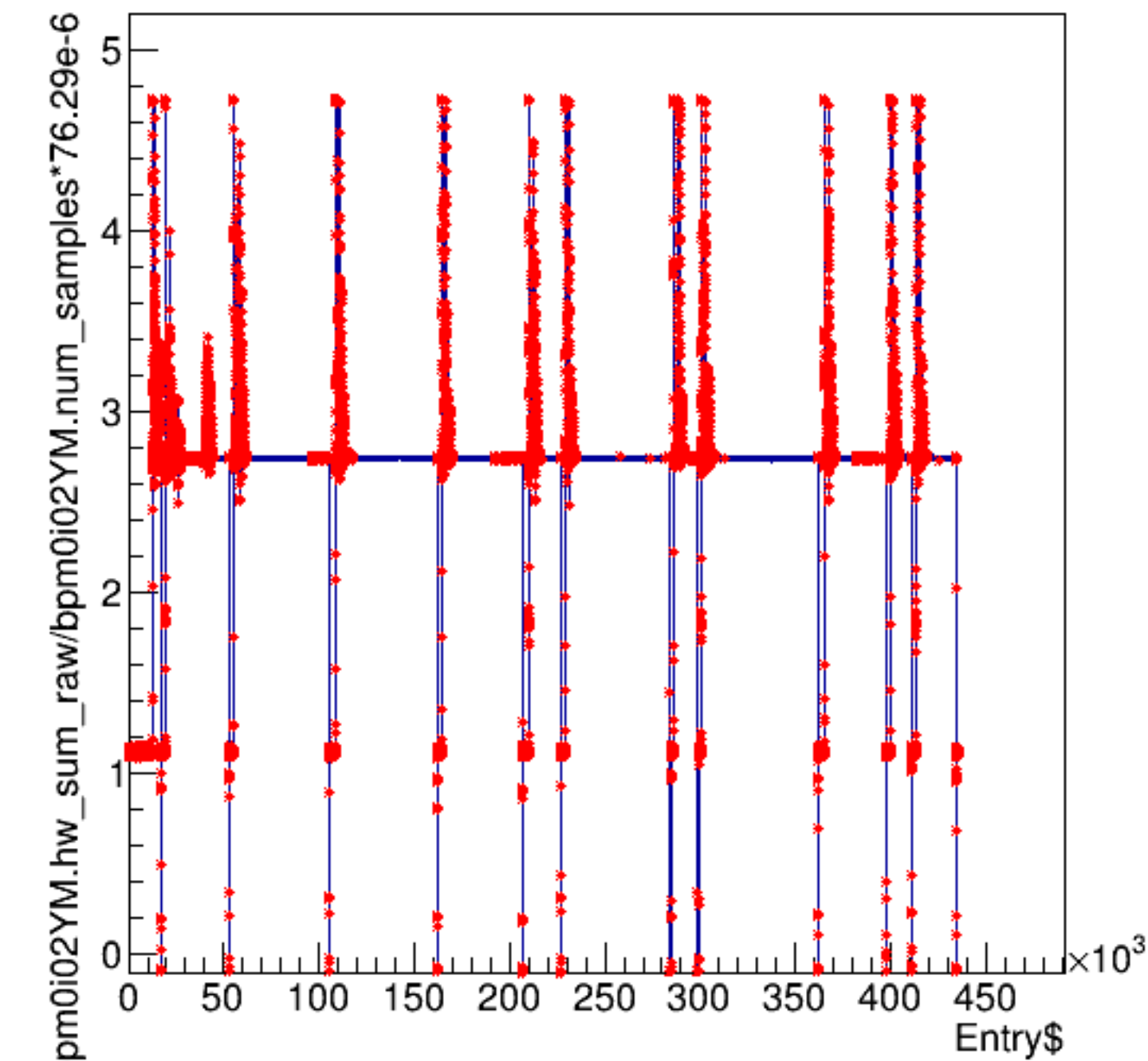
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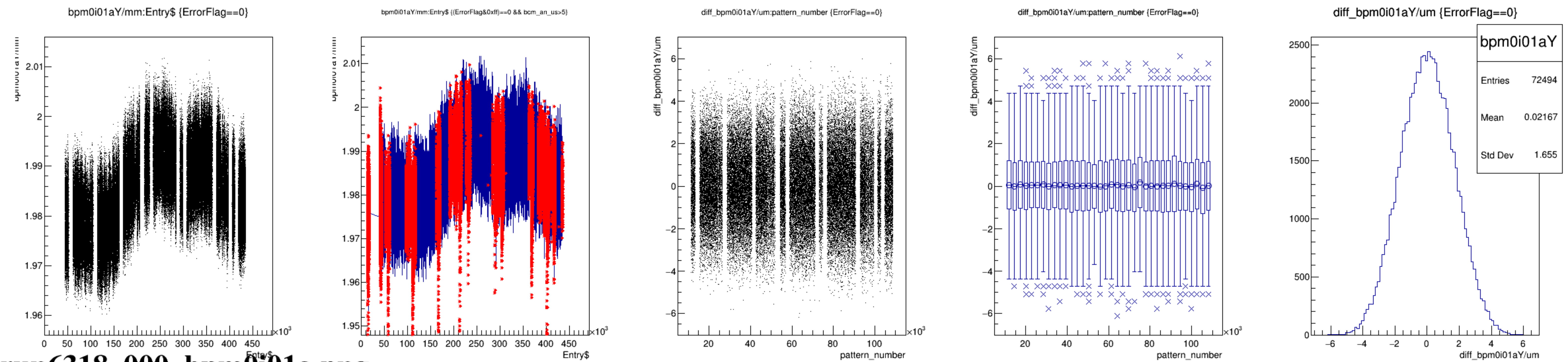
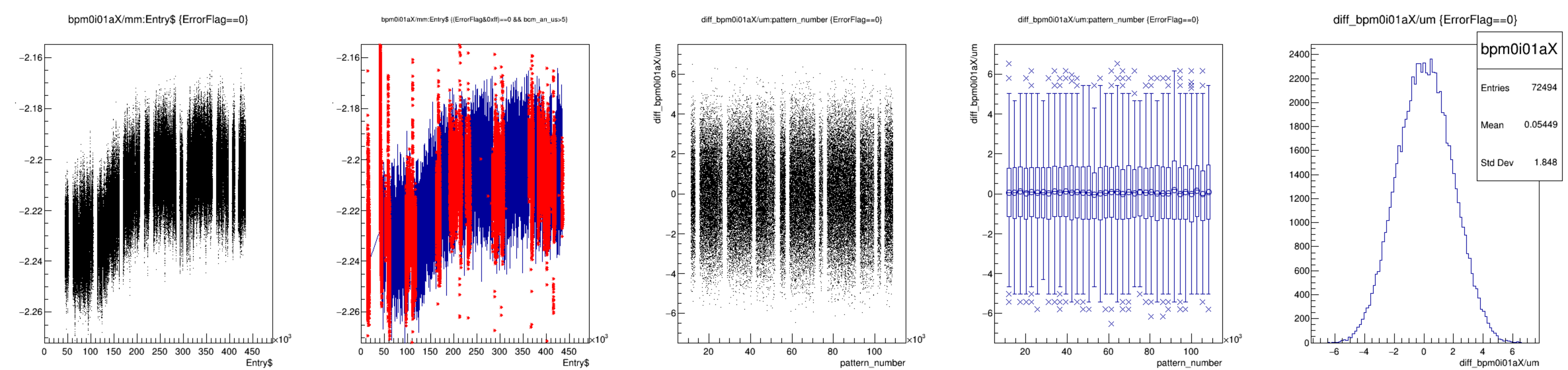


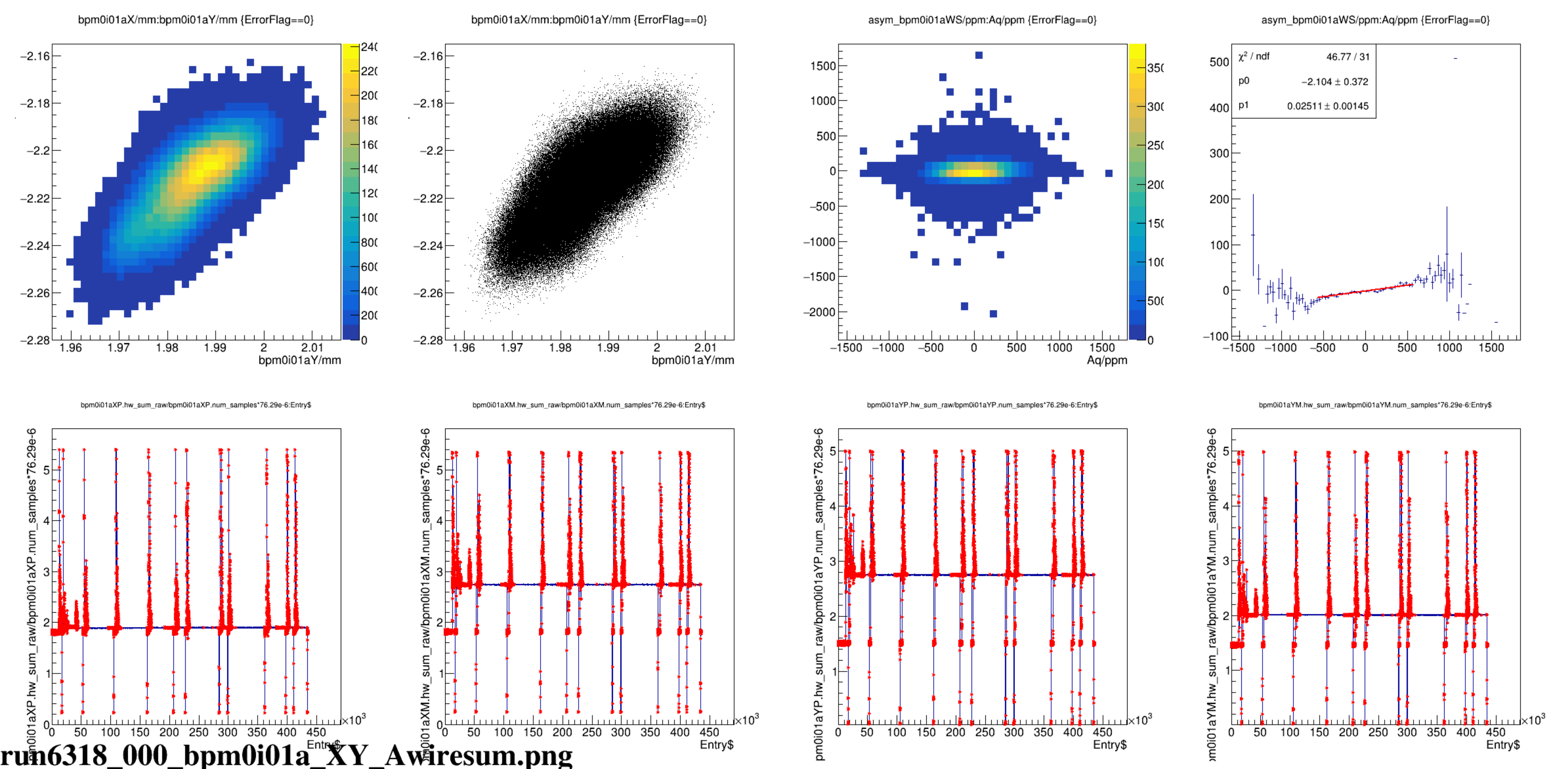
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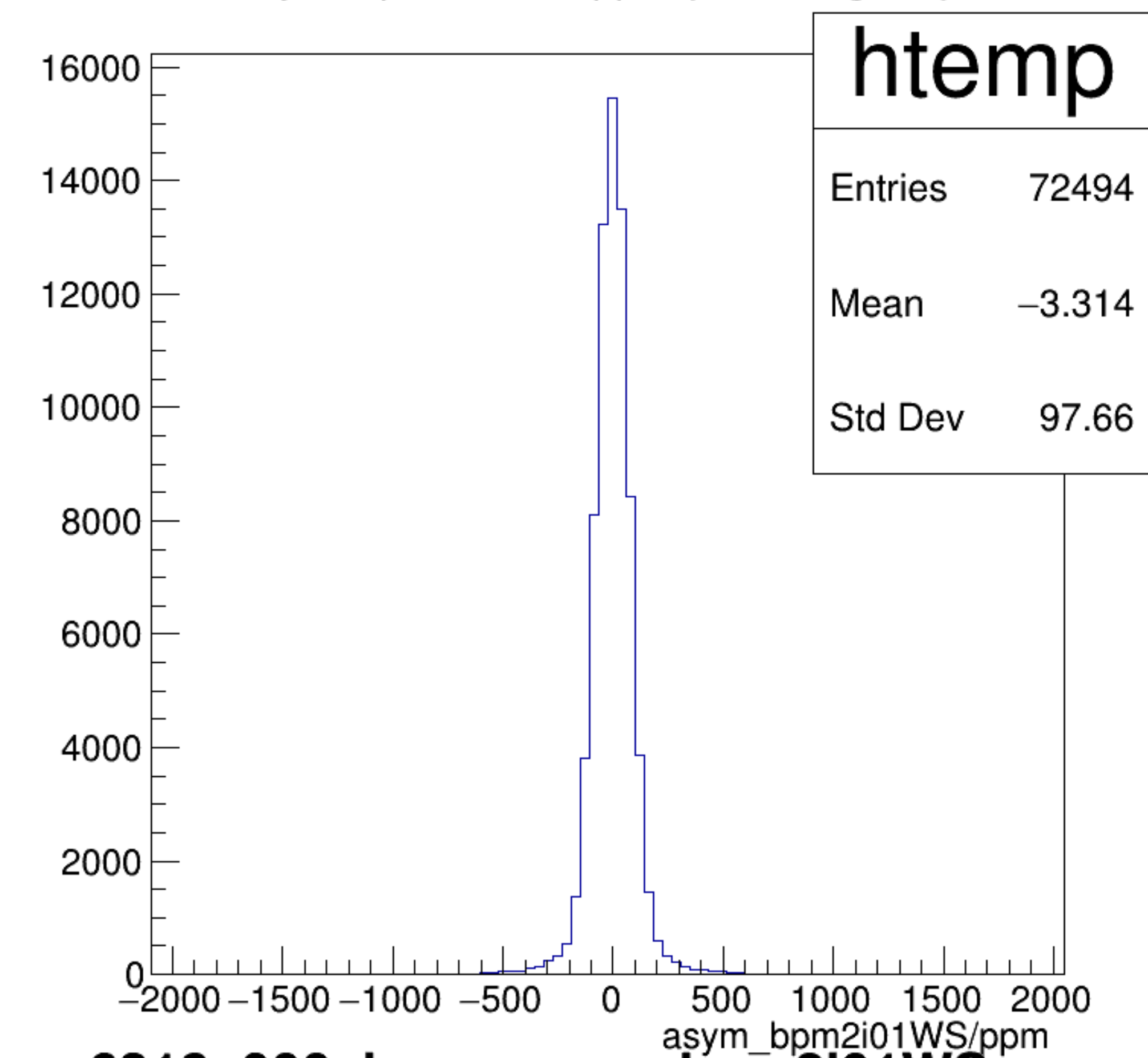
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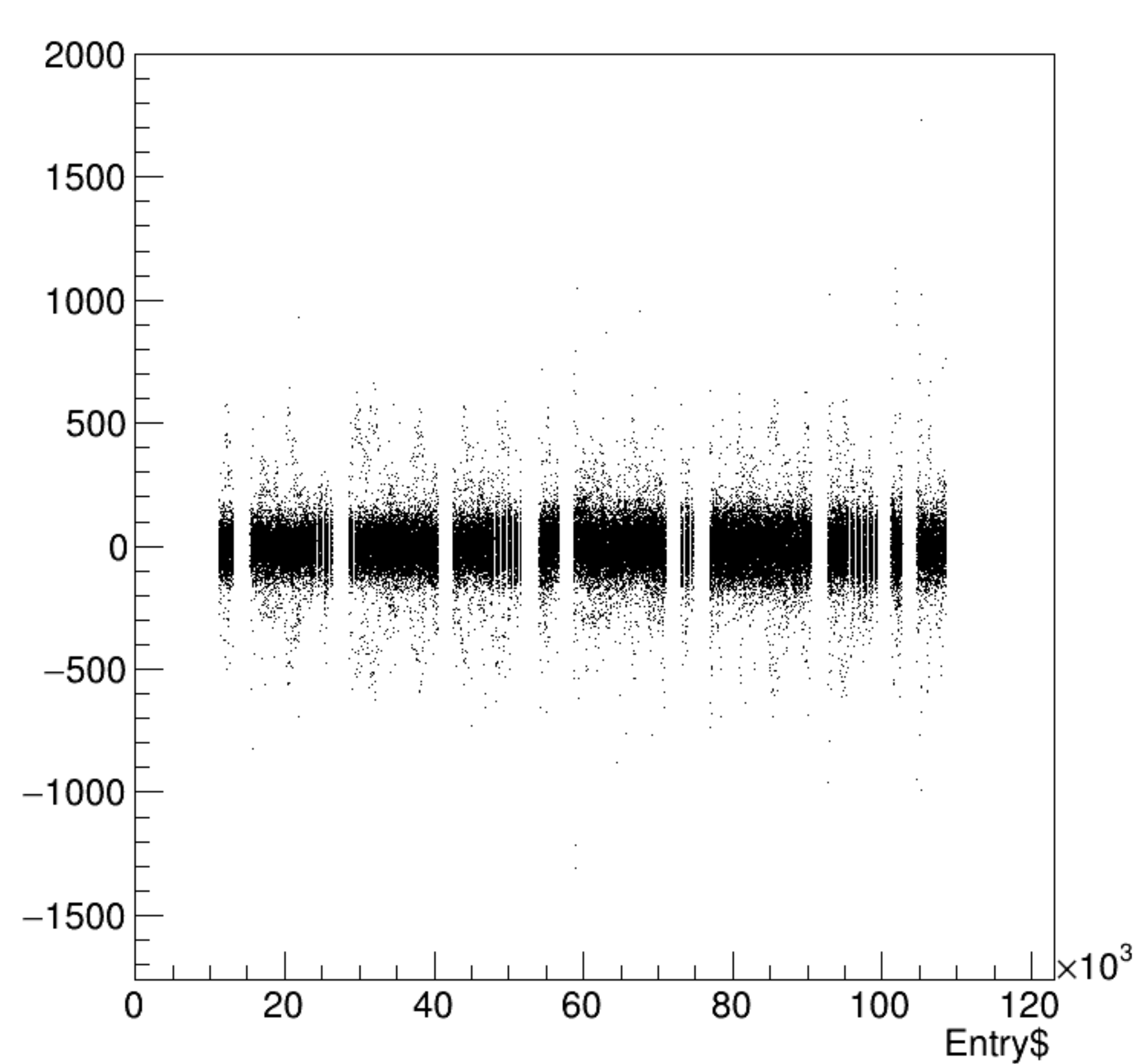




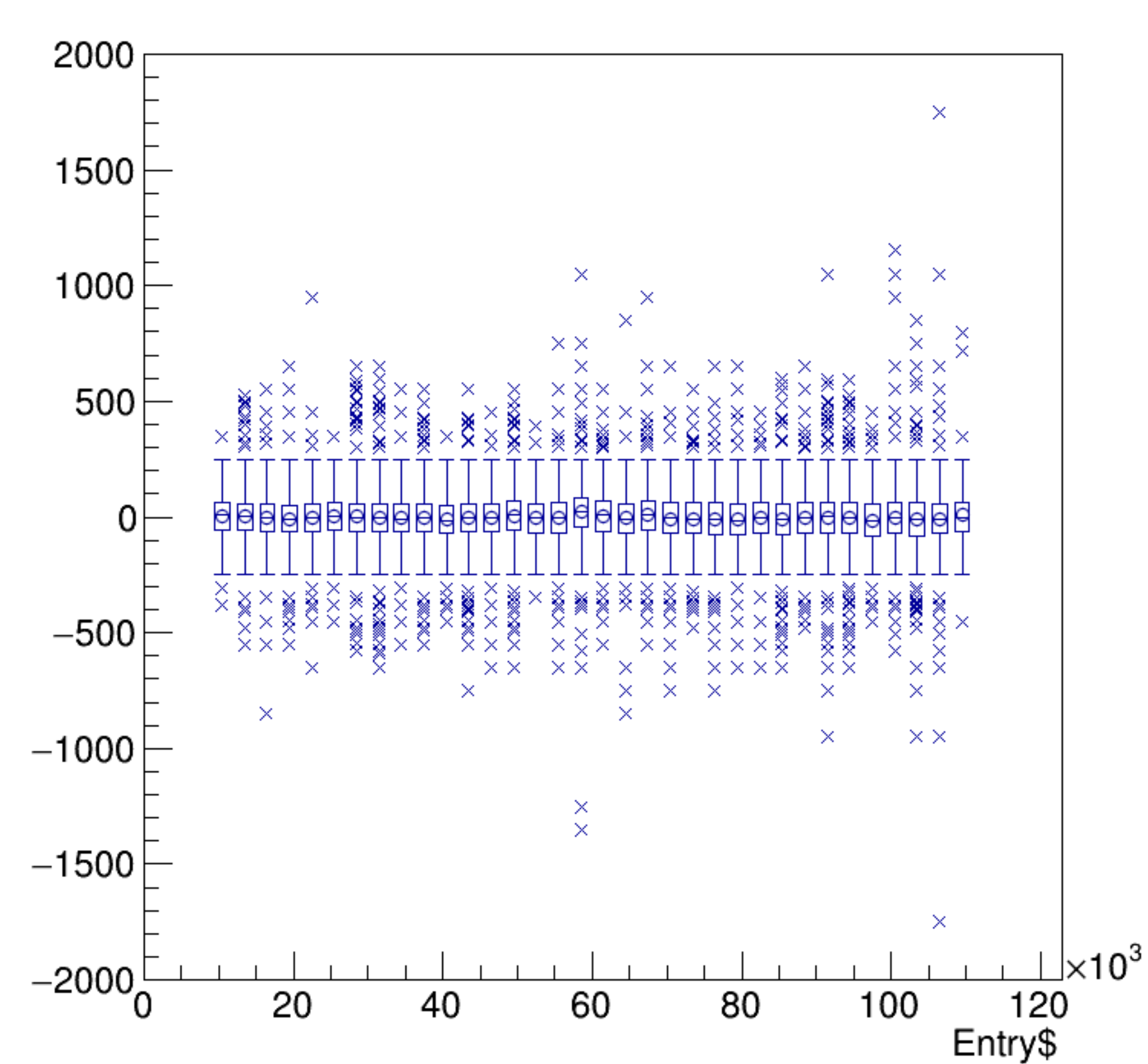
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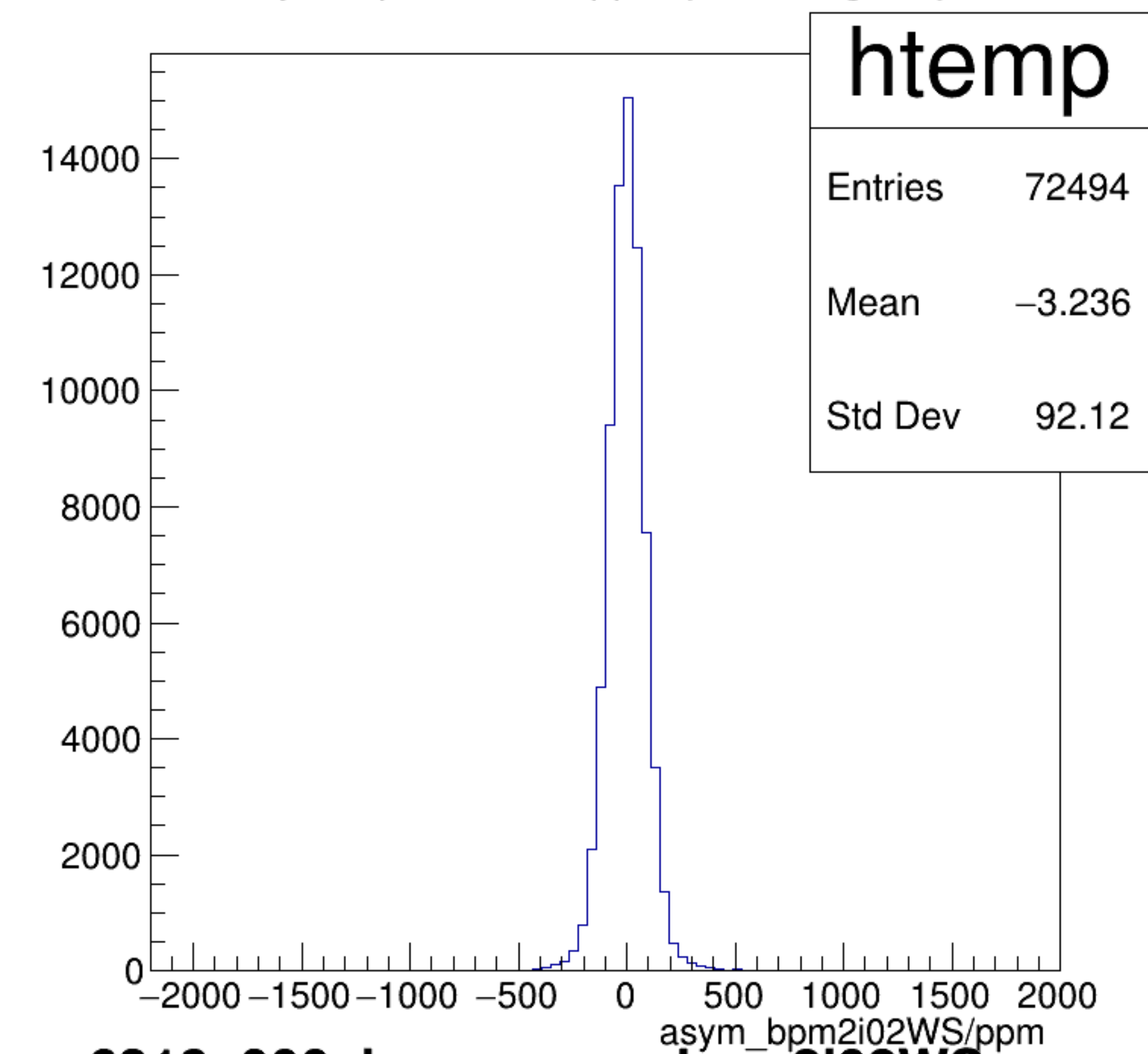
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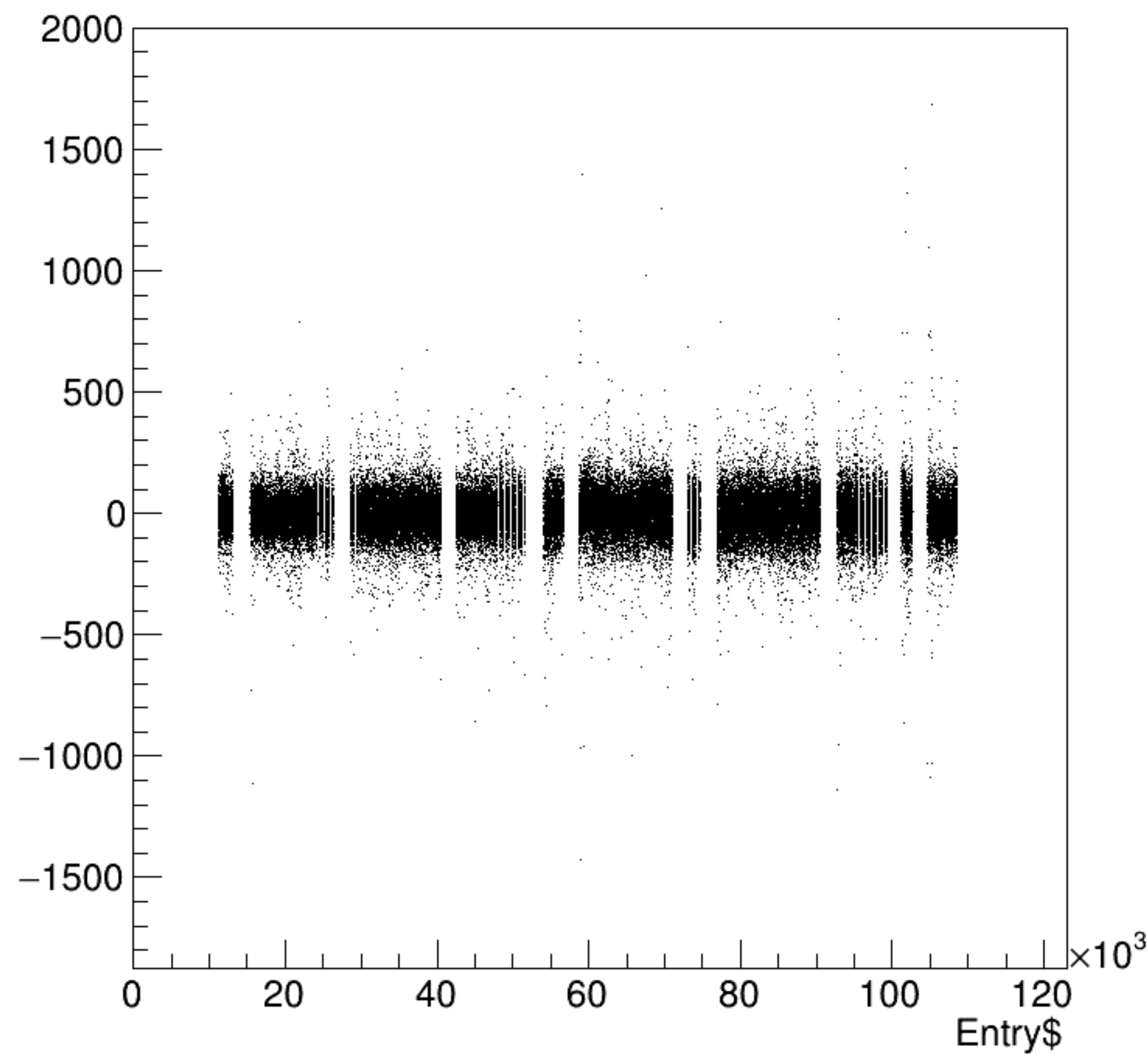
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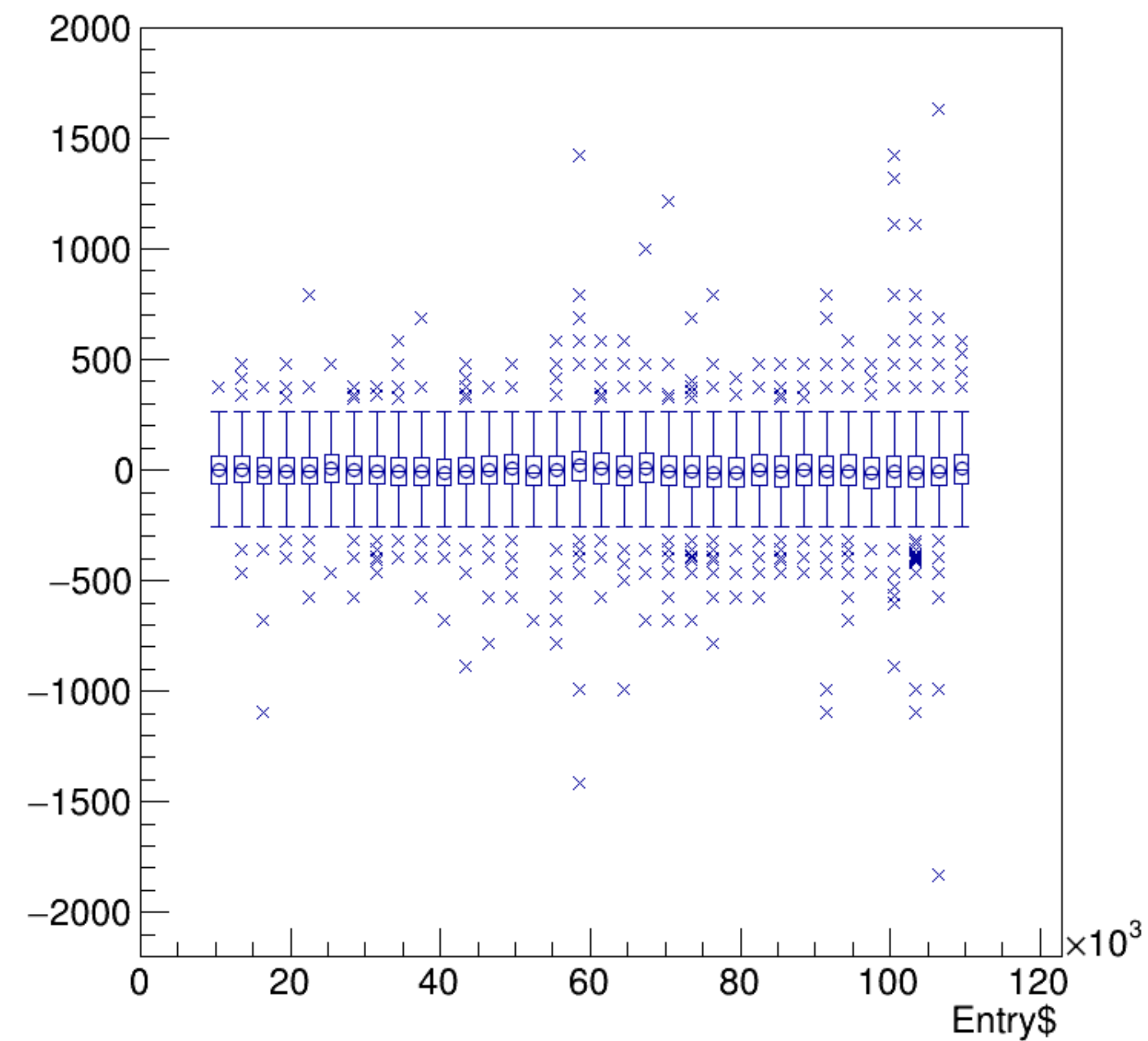
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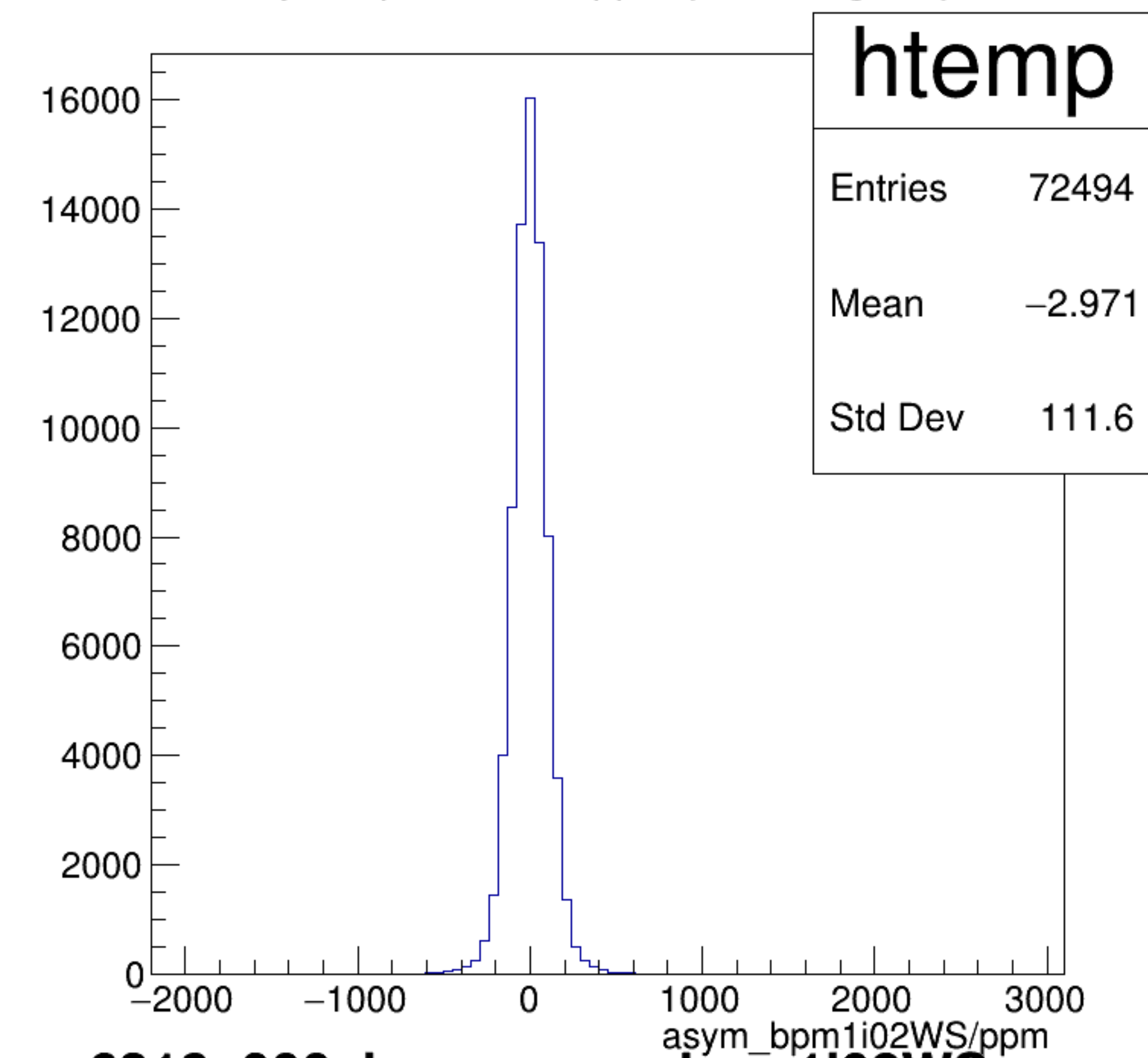
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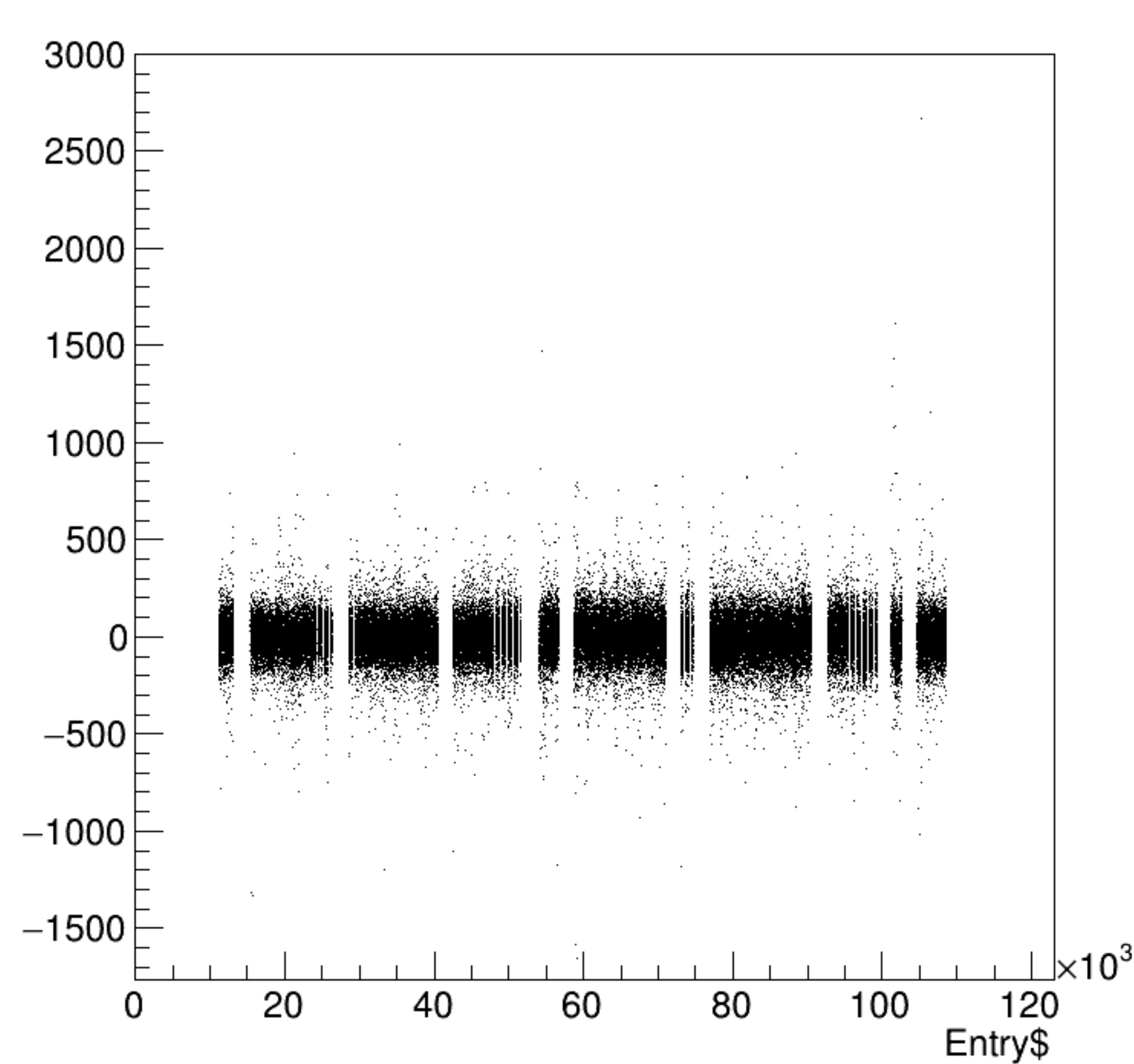
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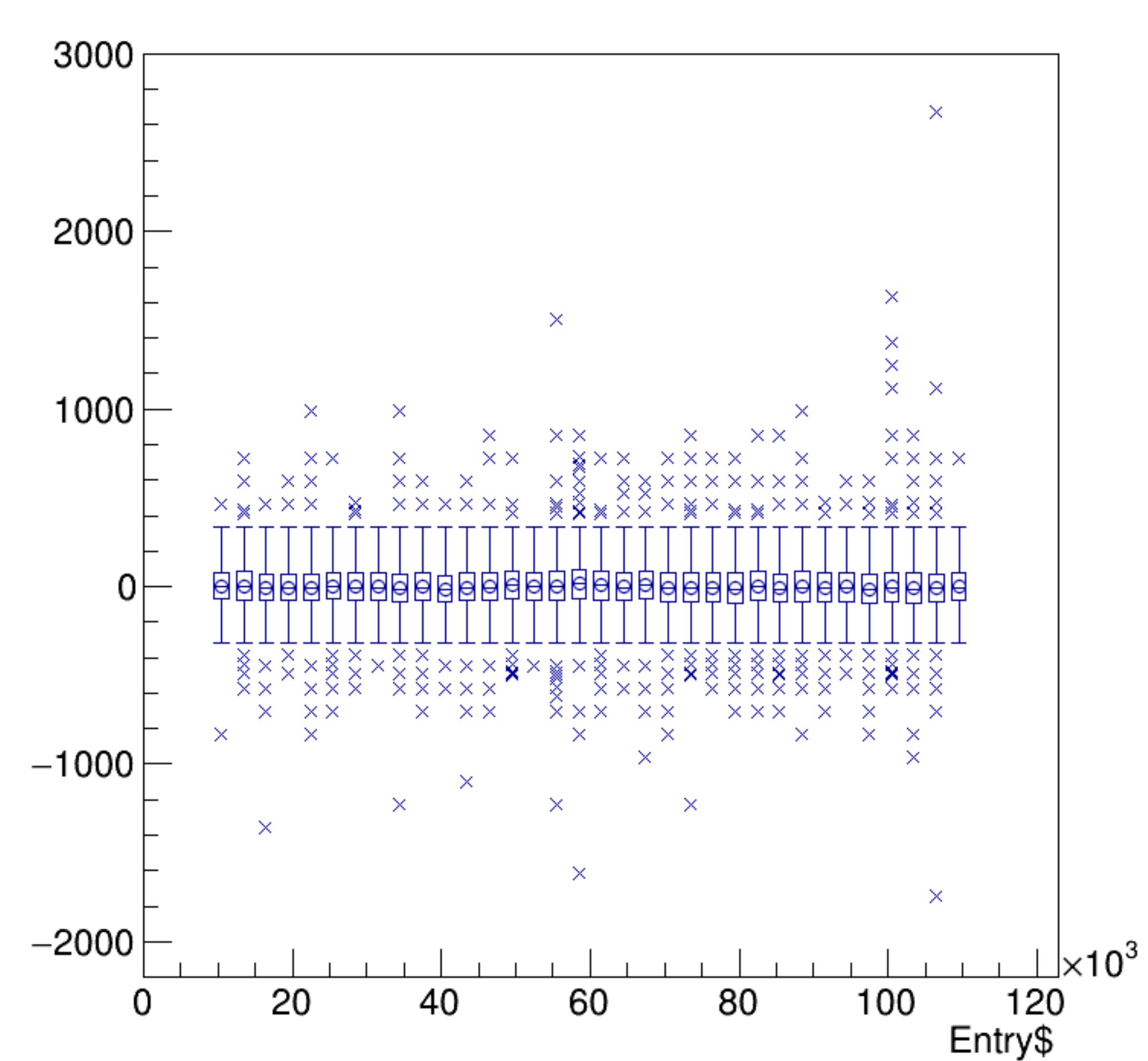
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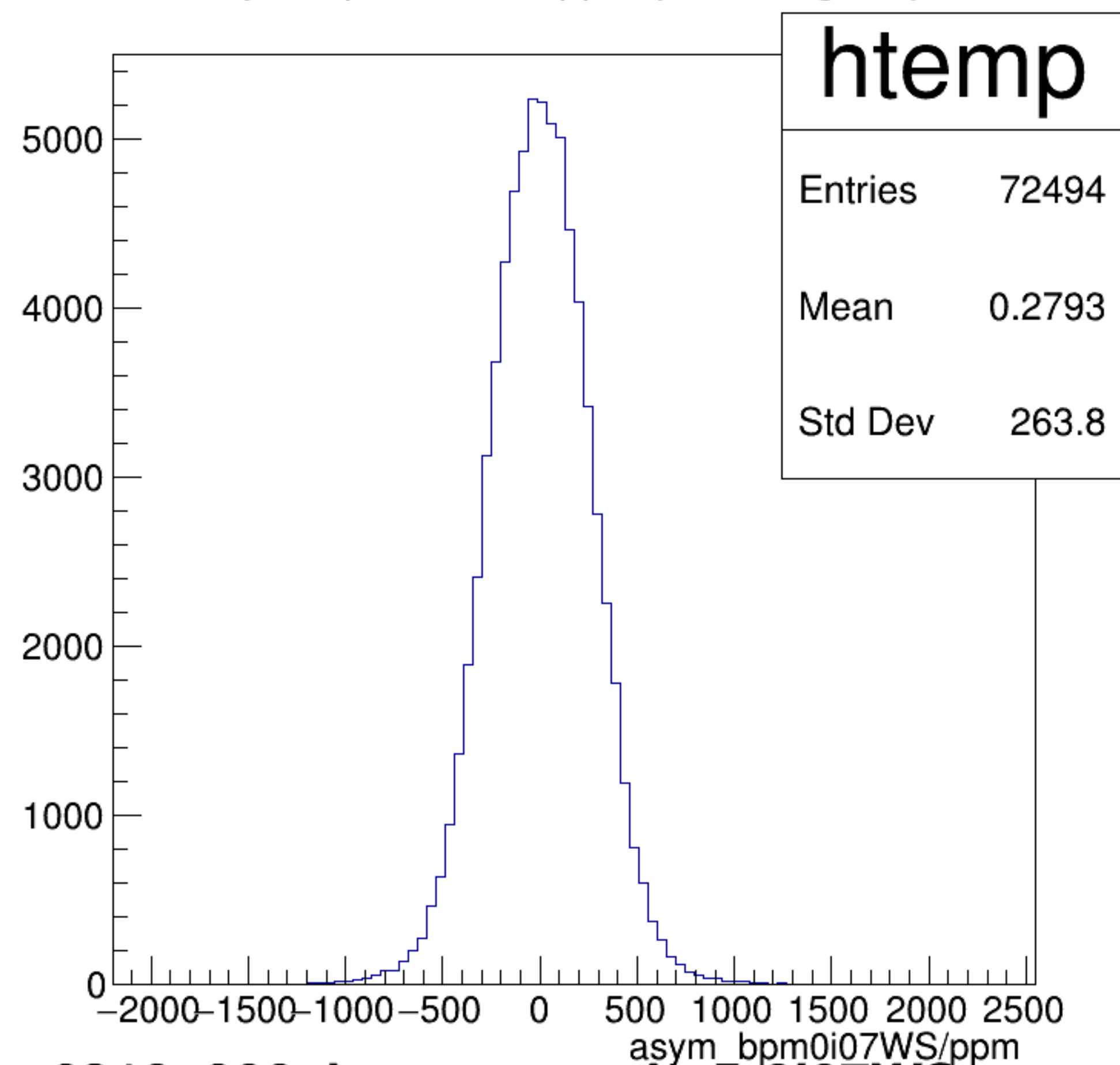
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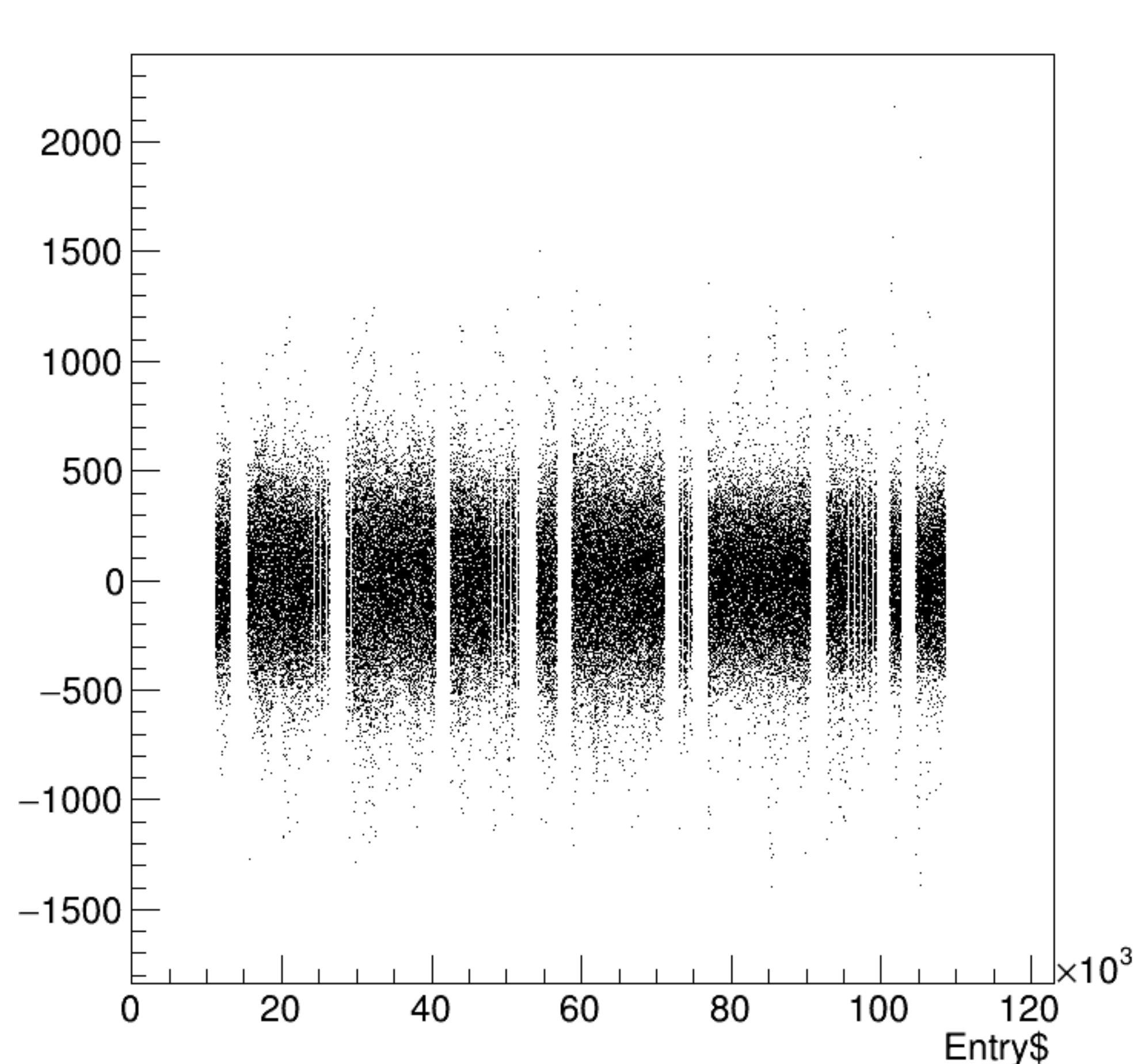
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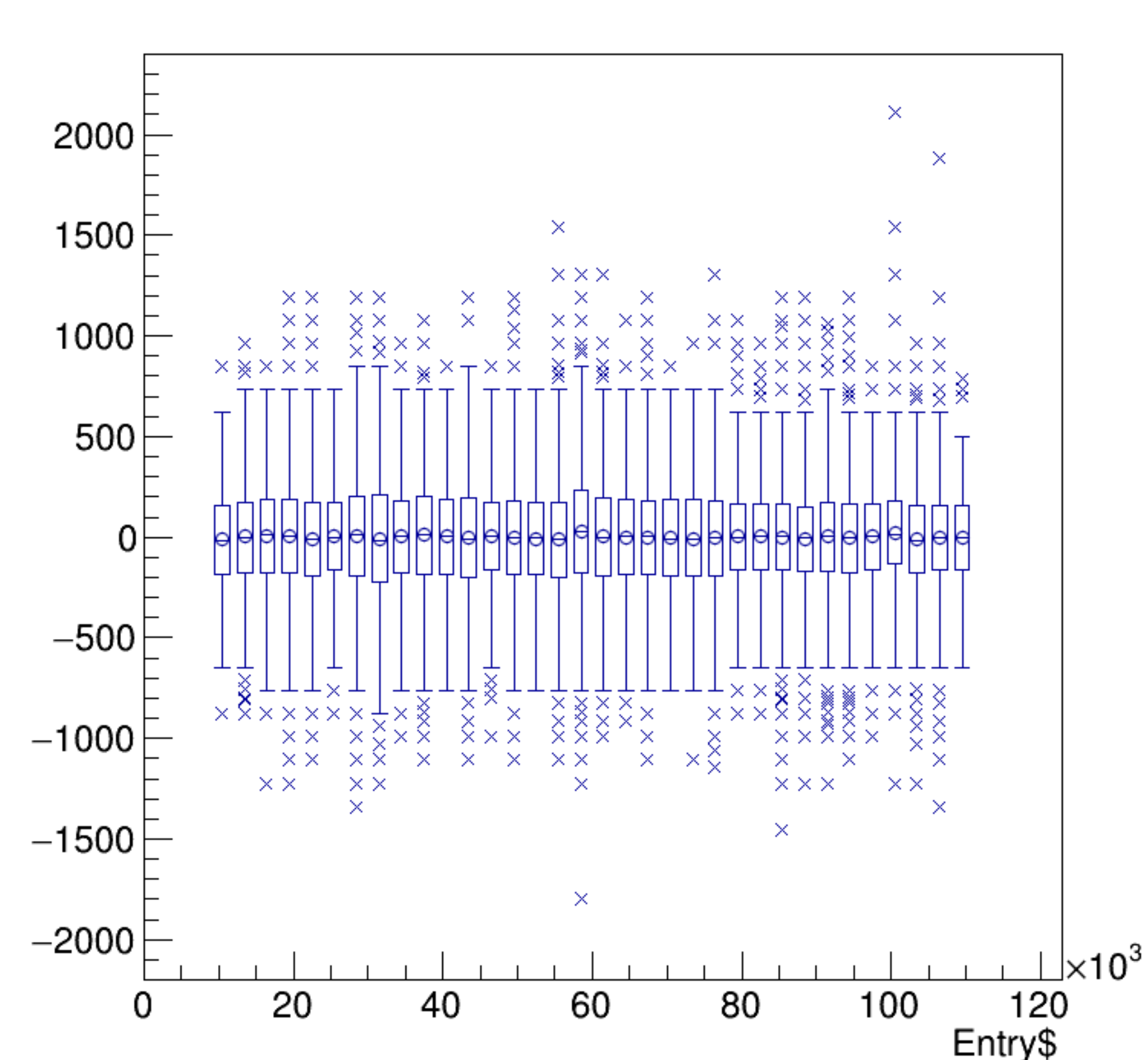
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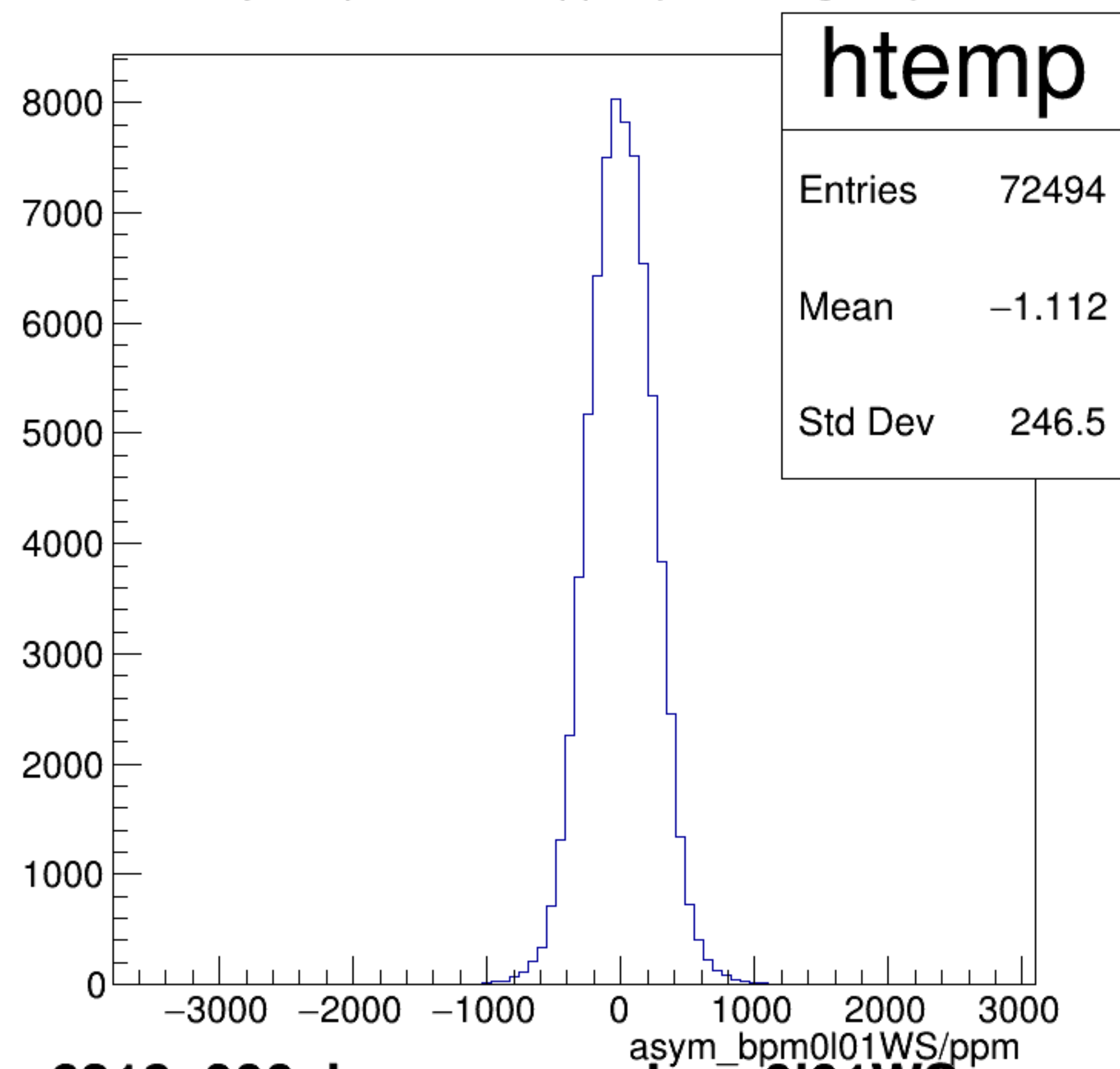
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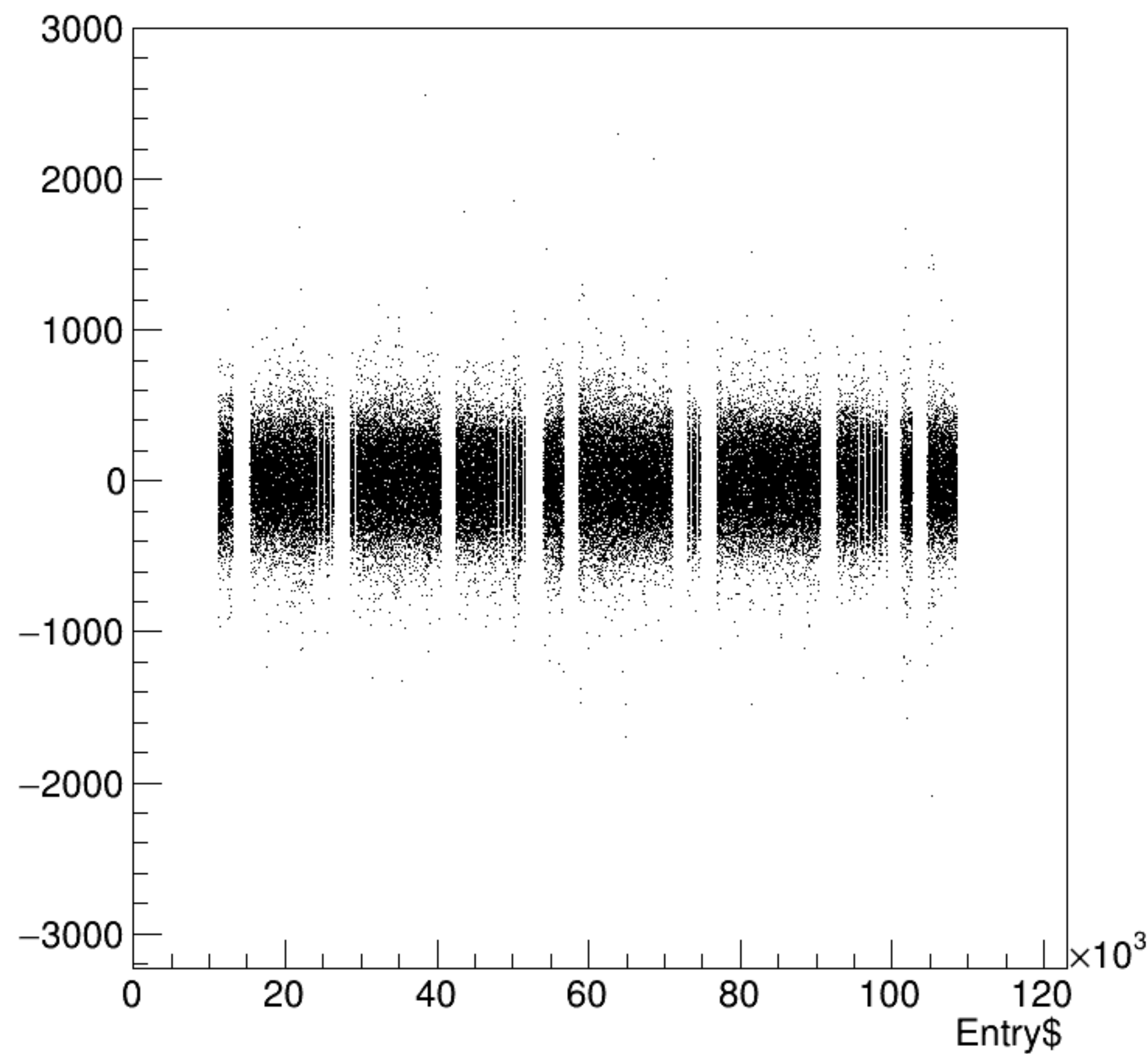


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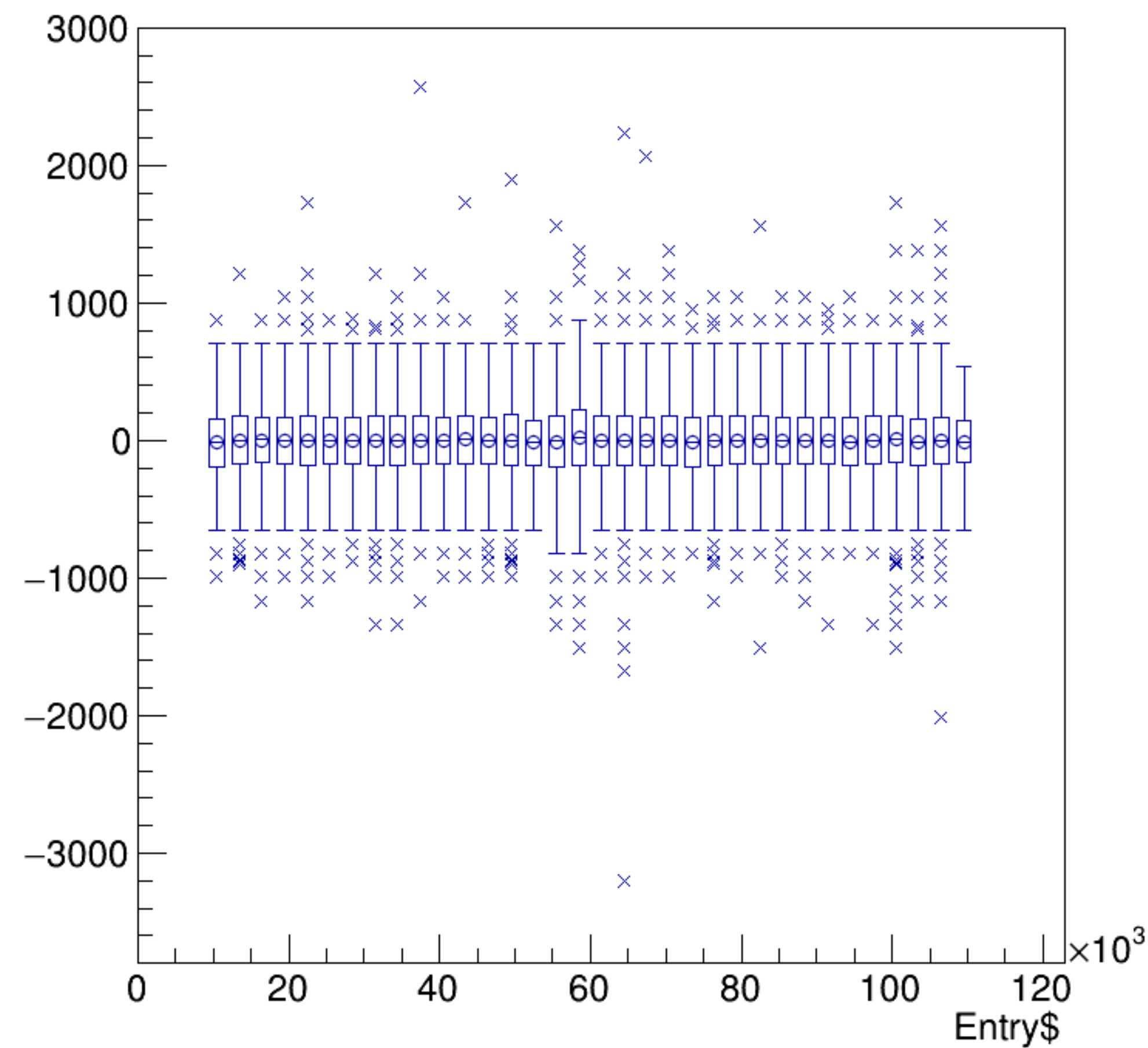


run6318_000_bpm_asym_bpm0l01WS.png

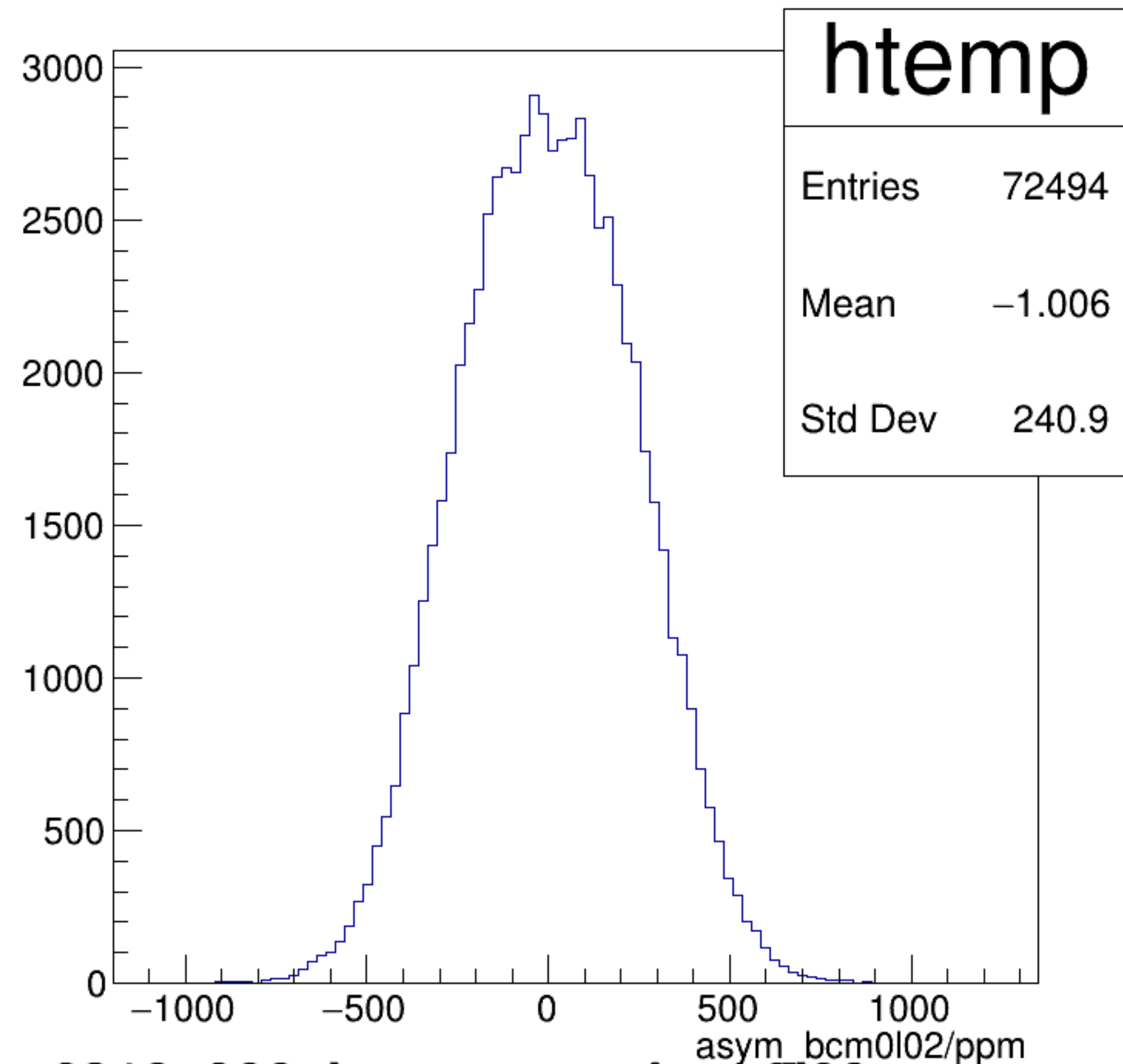
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



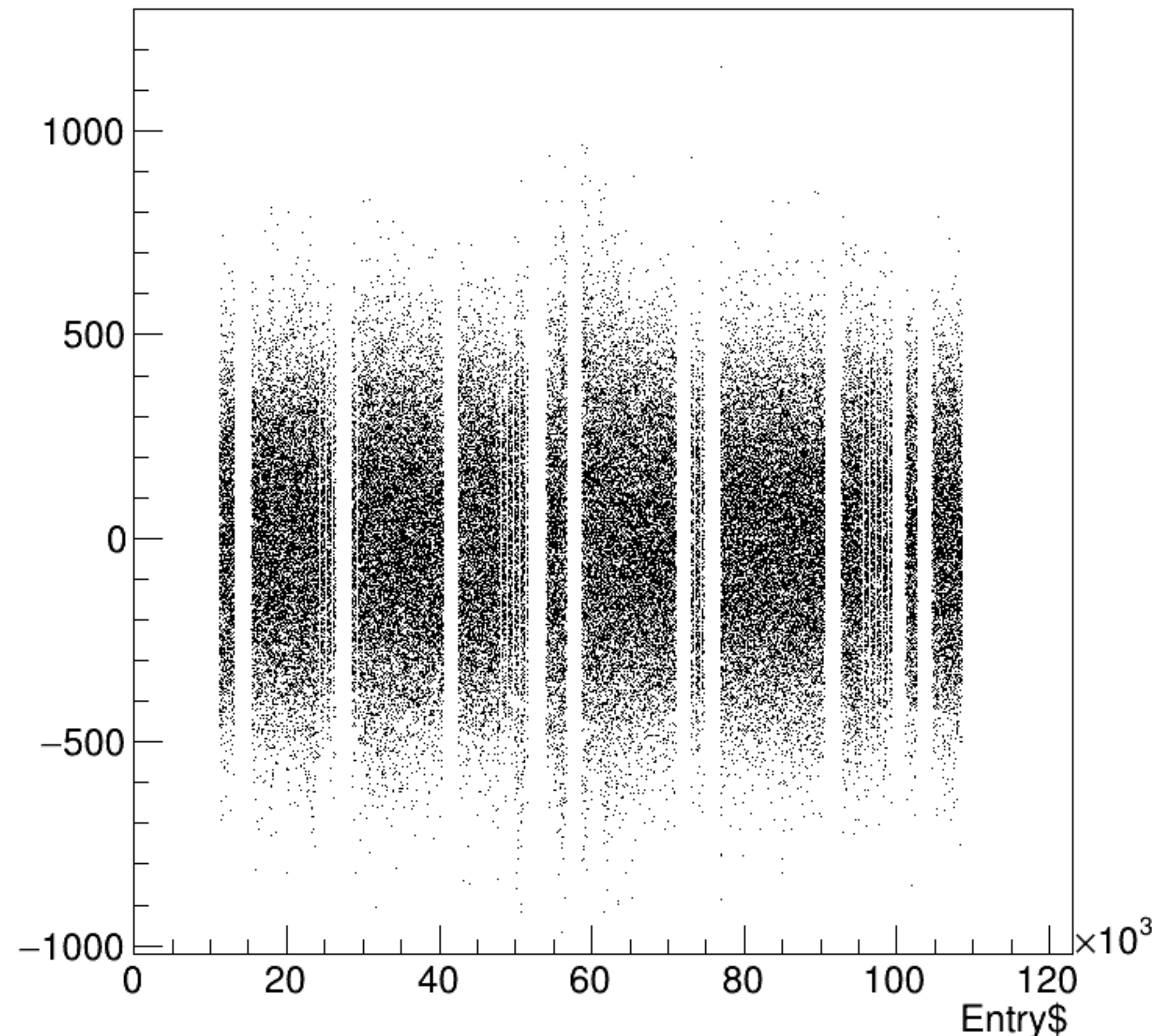
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



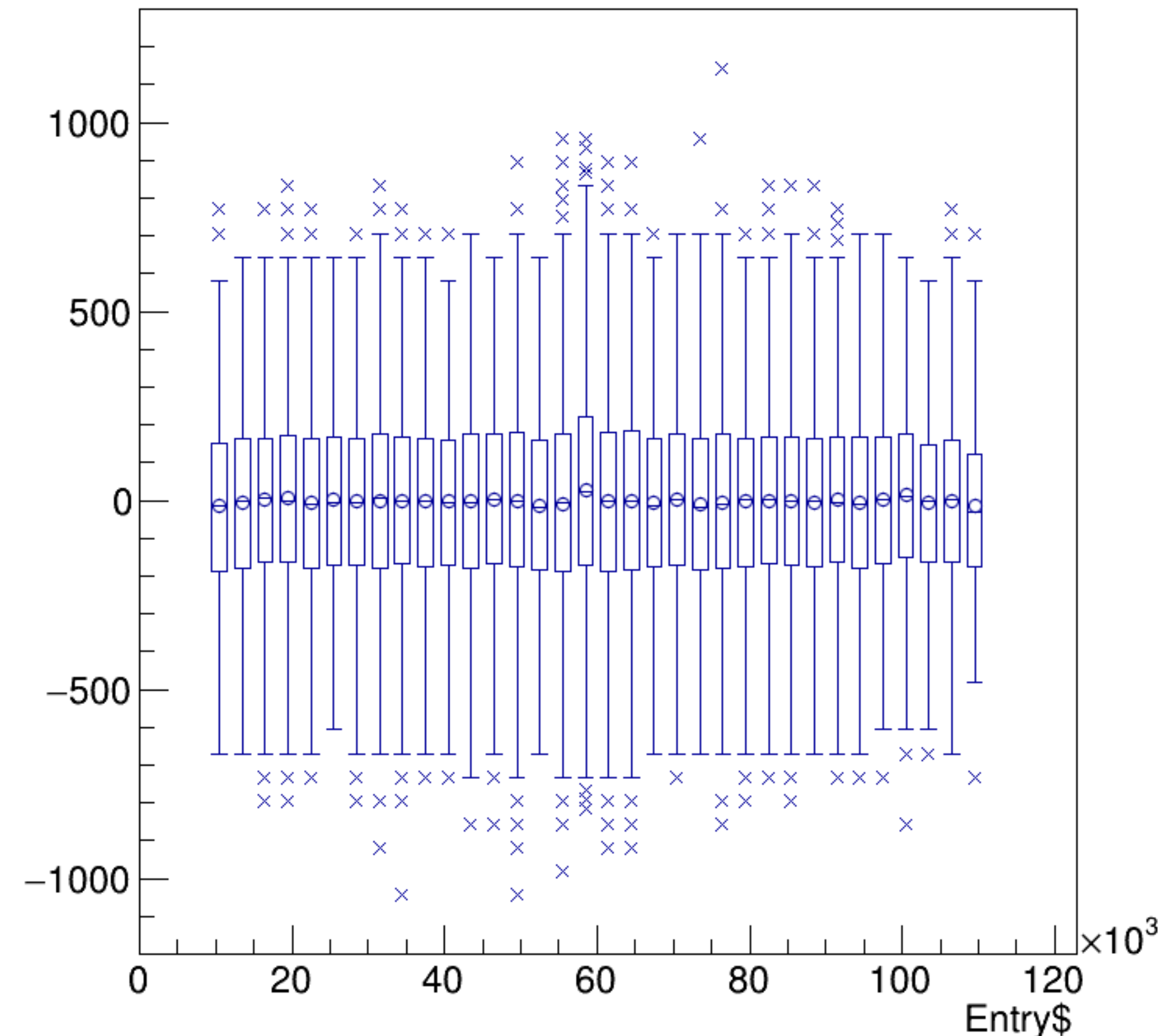
asym_bcm0l02/ppm {ErrorFlag==0}



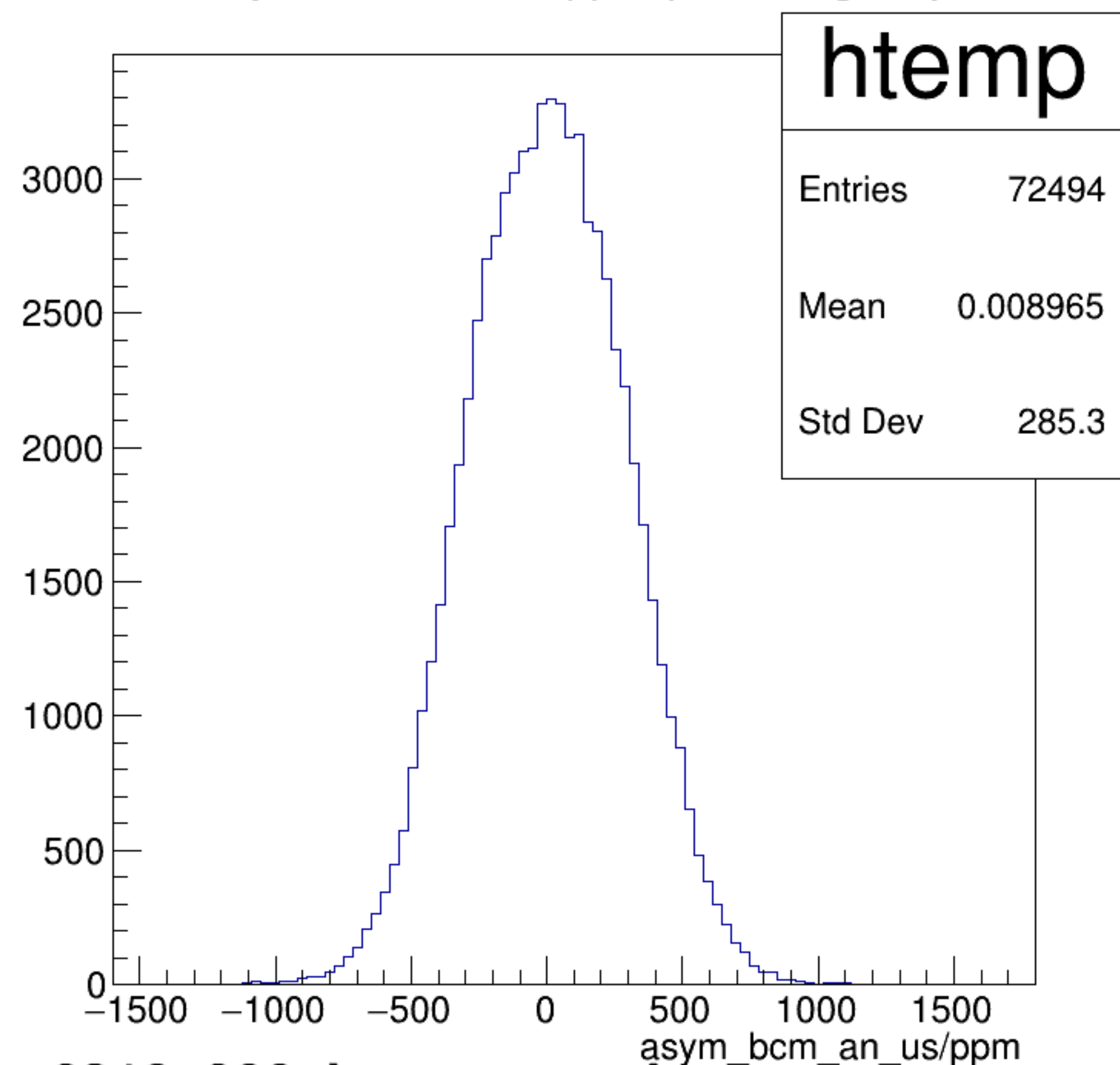
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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

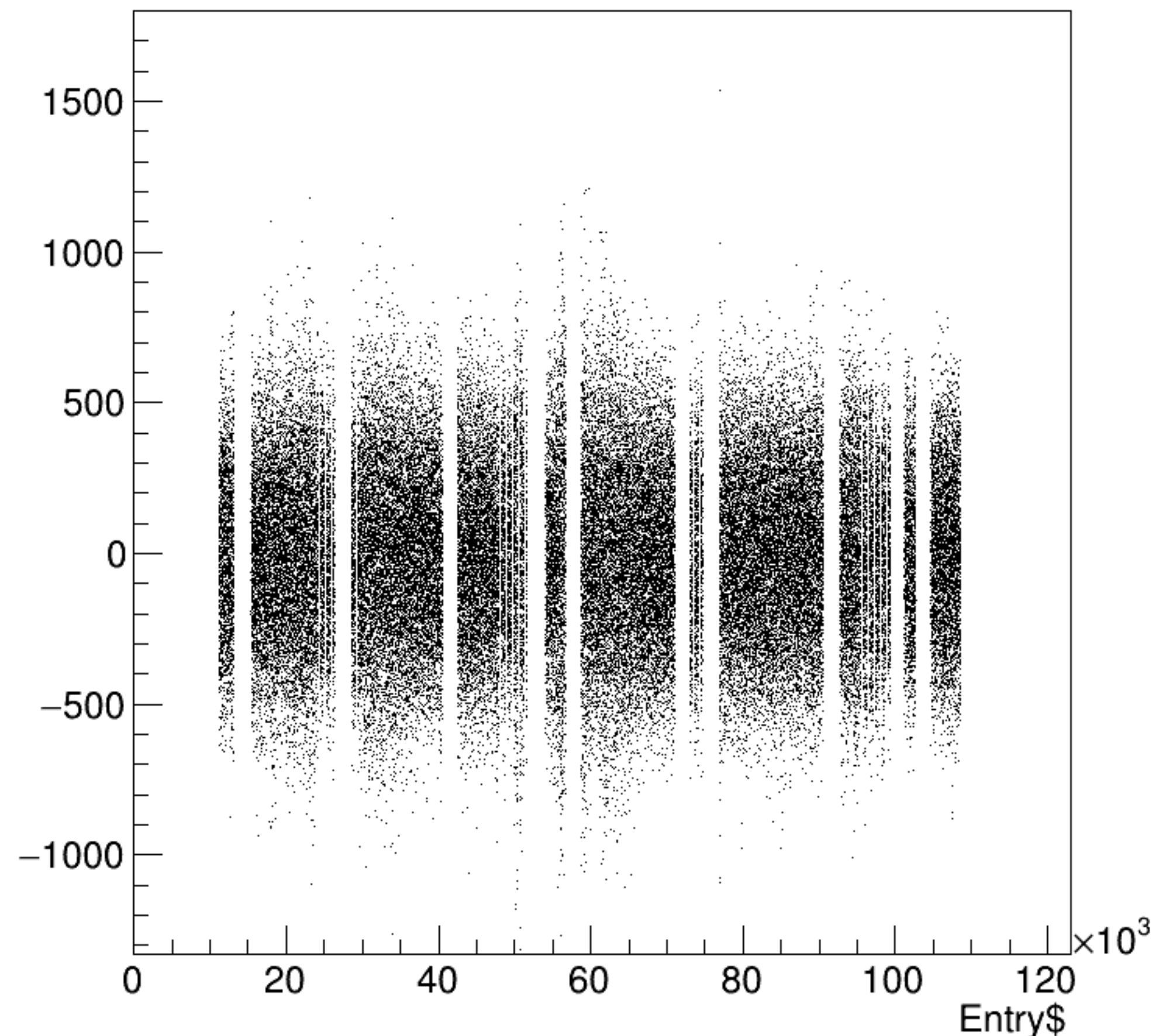


asym_bcm_an_us/ppm {ErrorFlag==0}

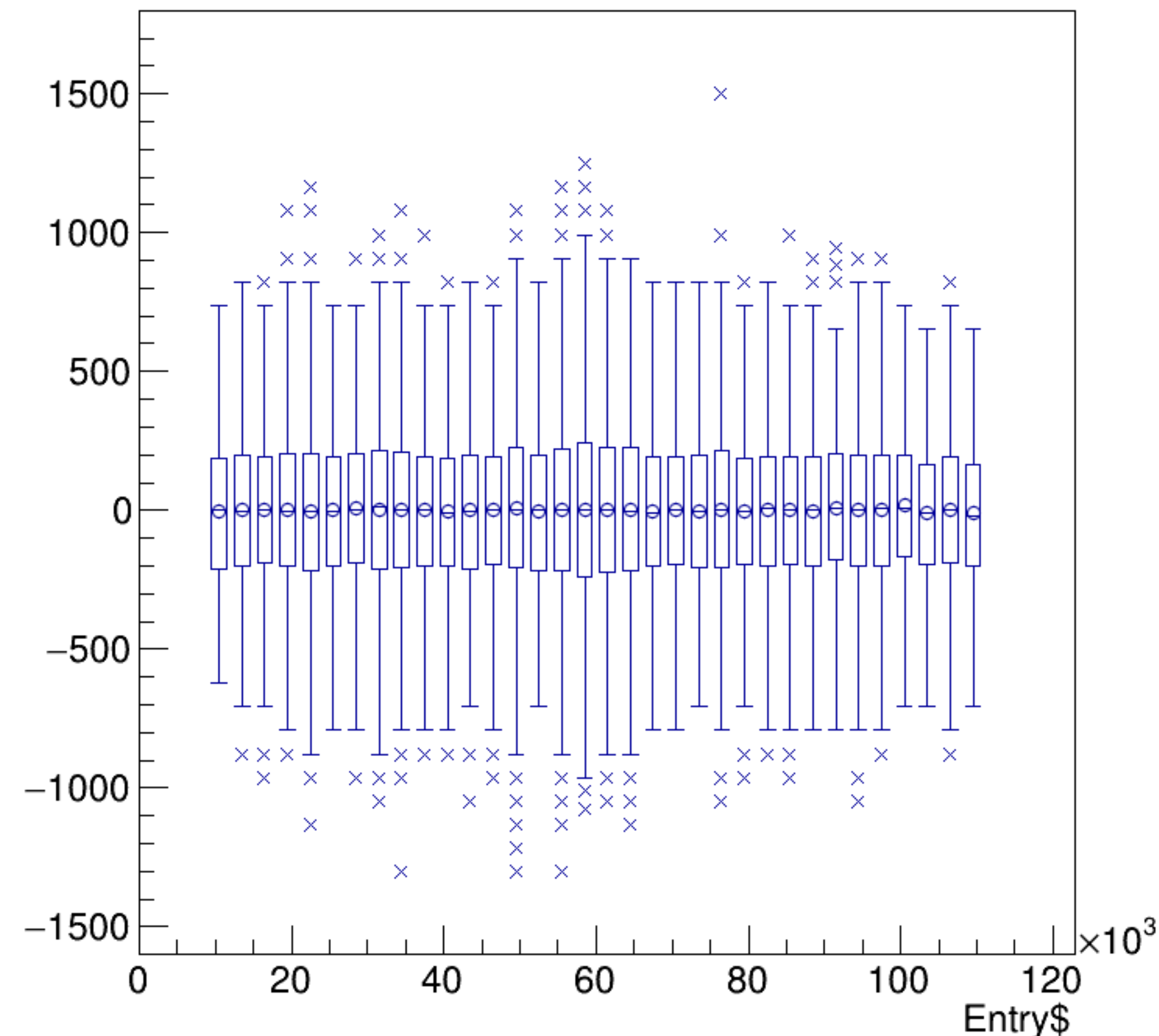


run6318_000_bpm_asym_bcm_an_us.png

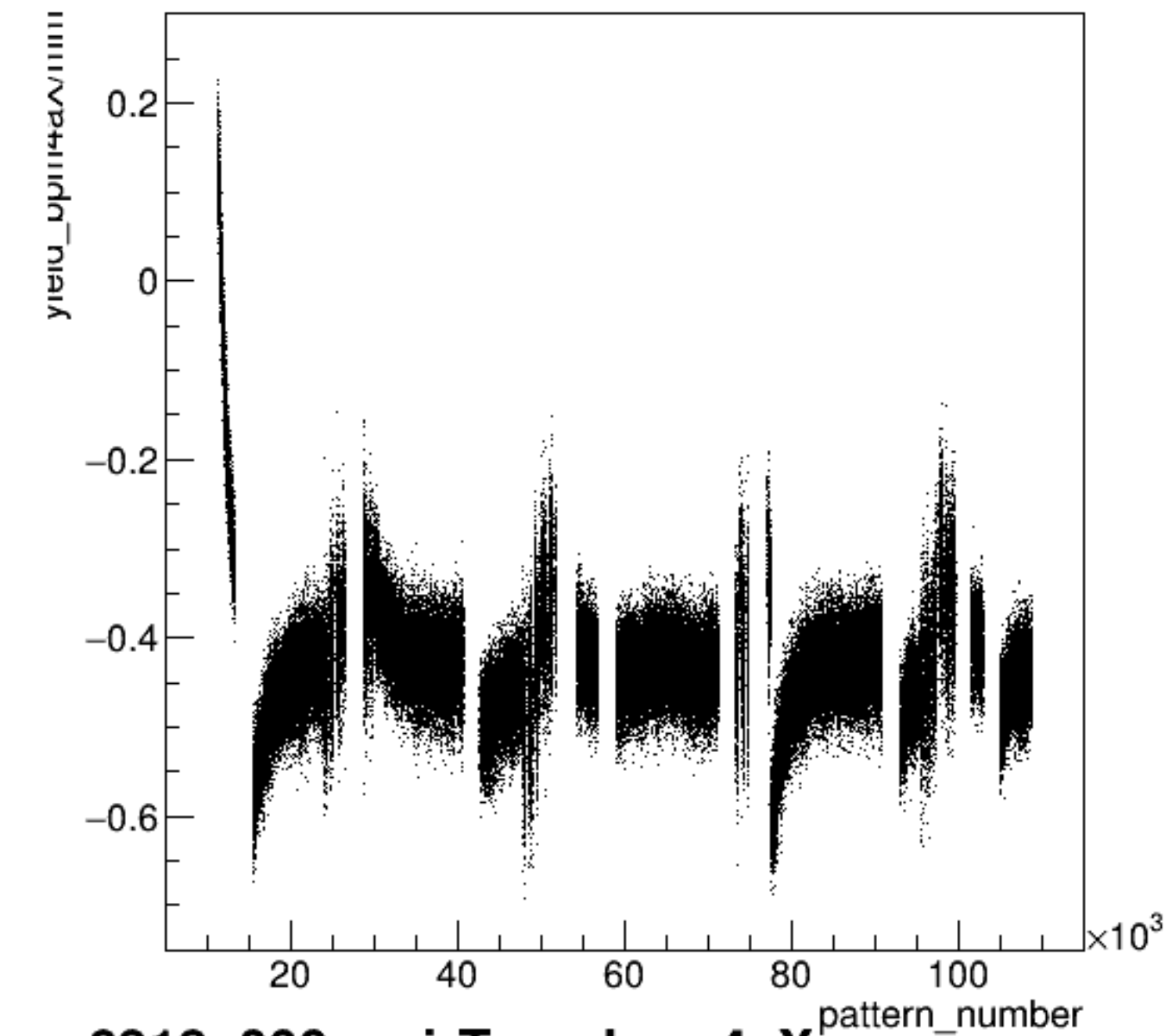
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



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

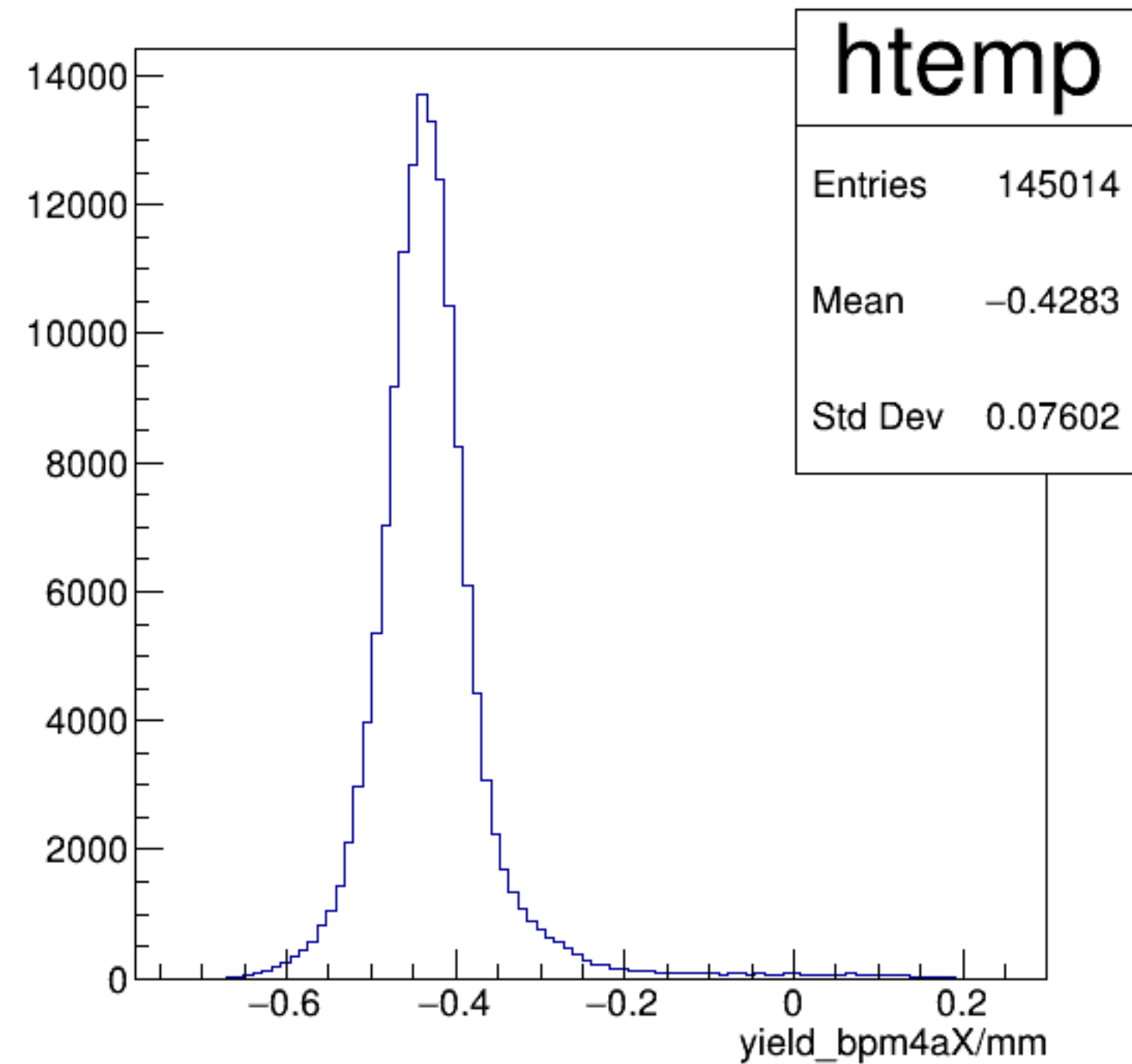


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

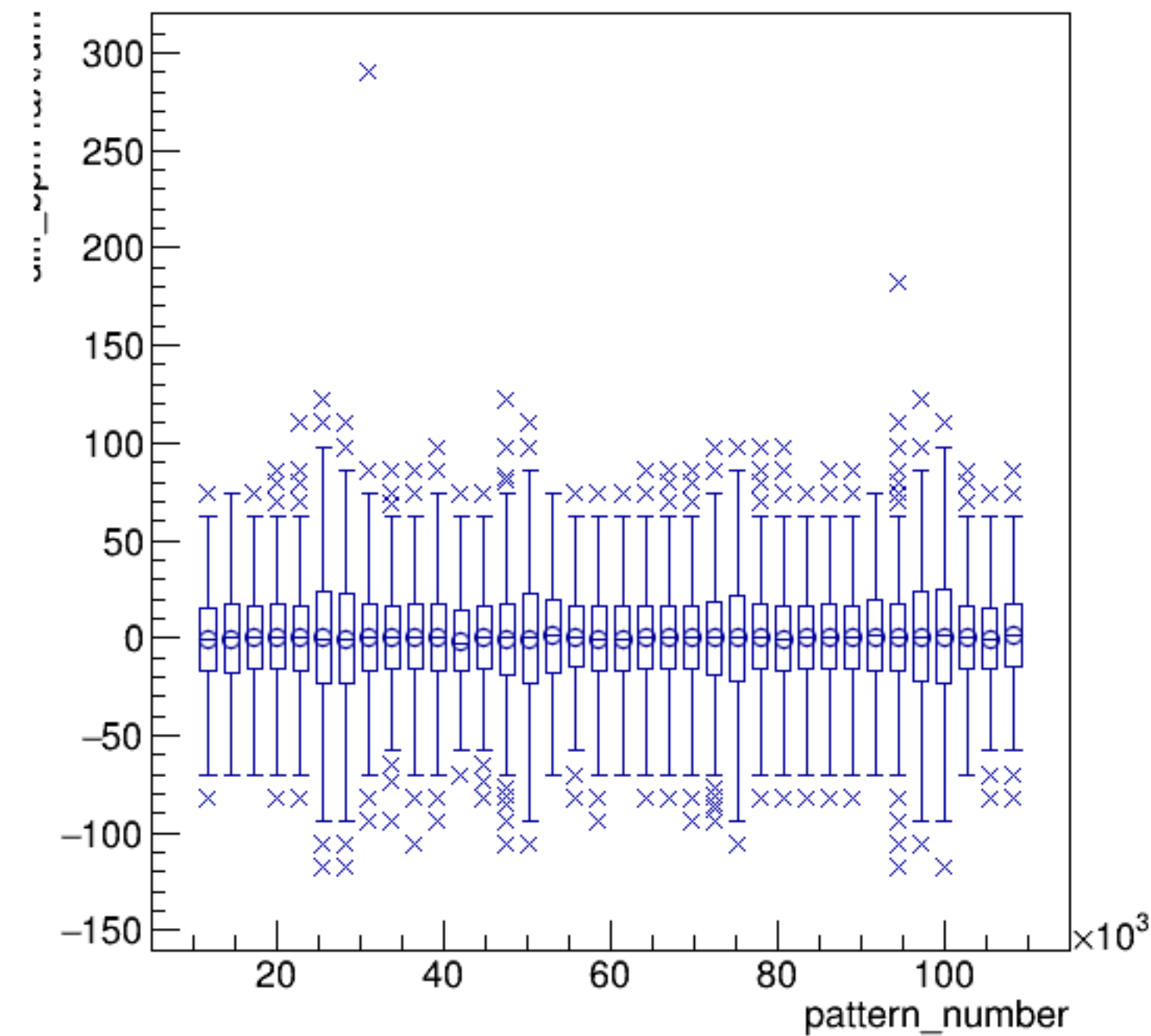


run6318_000_pairTree_bpm4aX.png

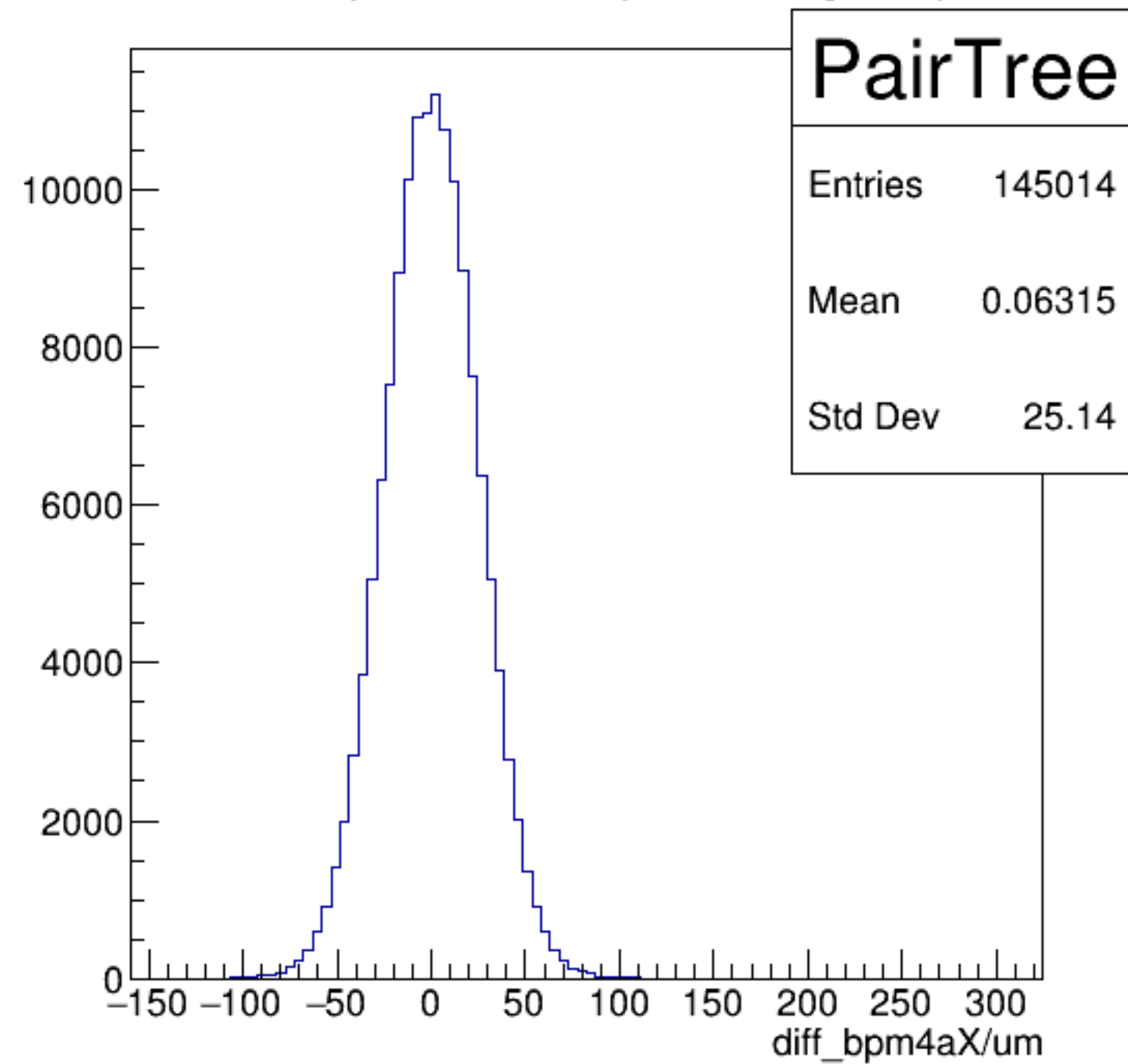
yield_bpm4aX/mm {ErrorFlag==0}

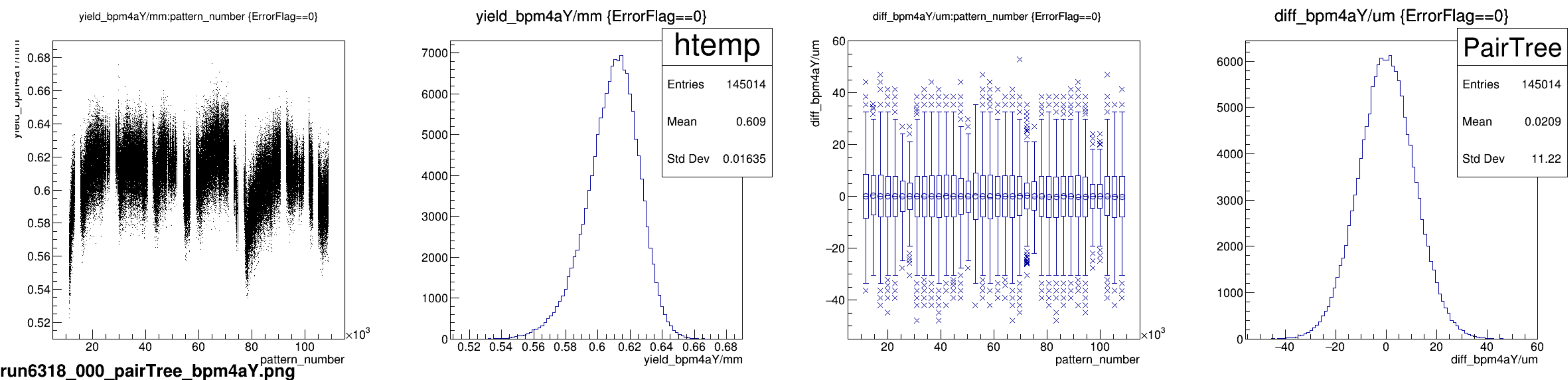


diff_bpm4aX/um:pattern_number {ErrorFlag==0}

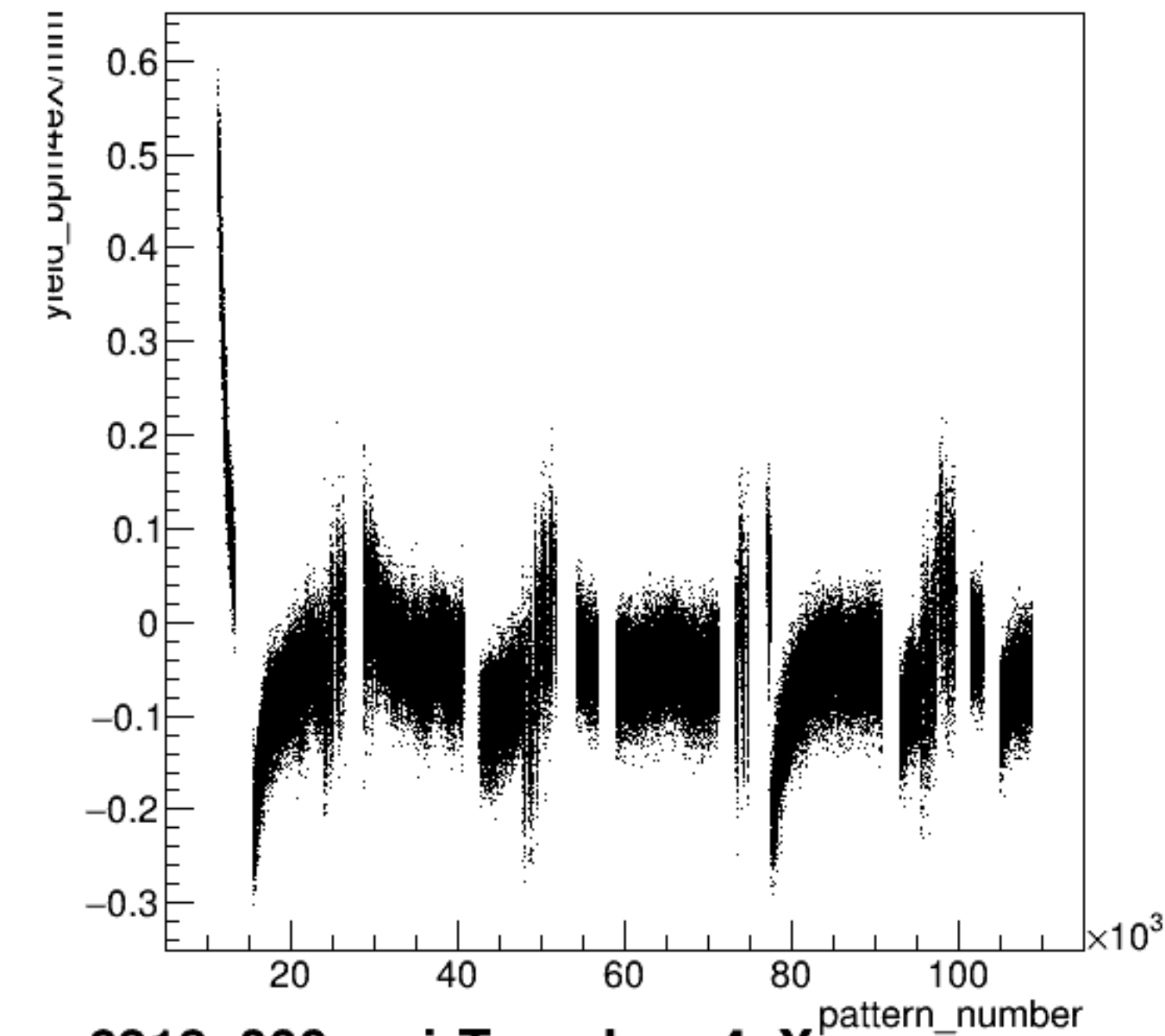


diff_bpm4aX/um {ErrorFlag==0}

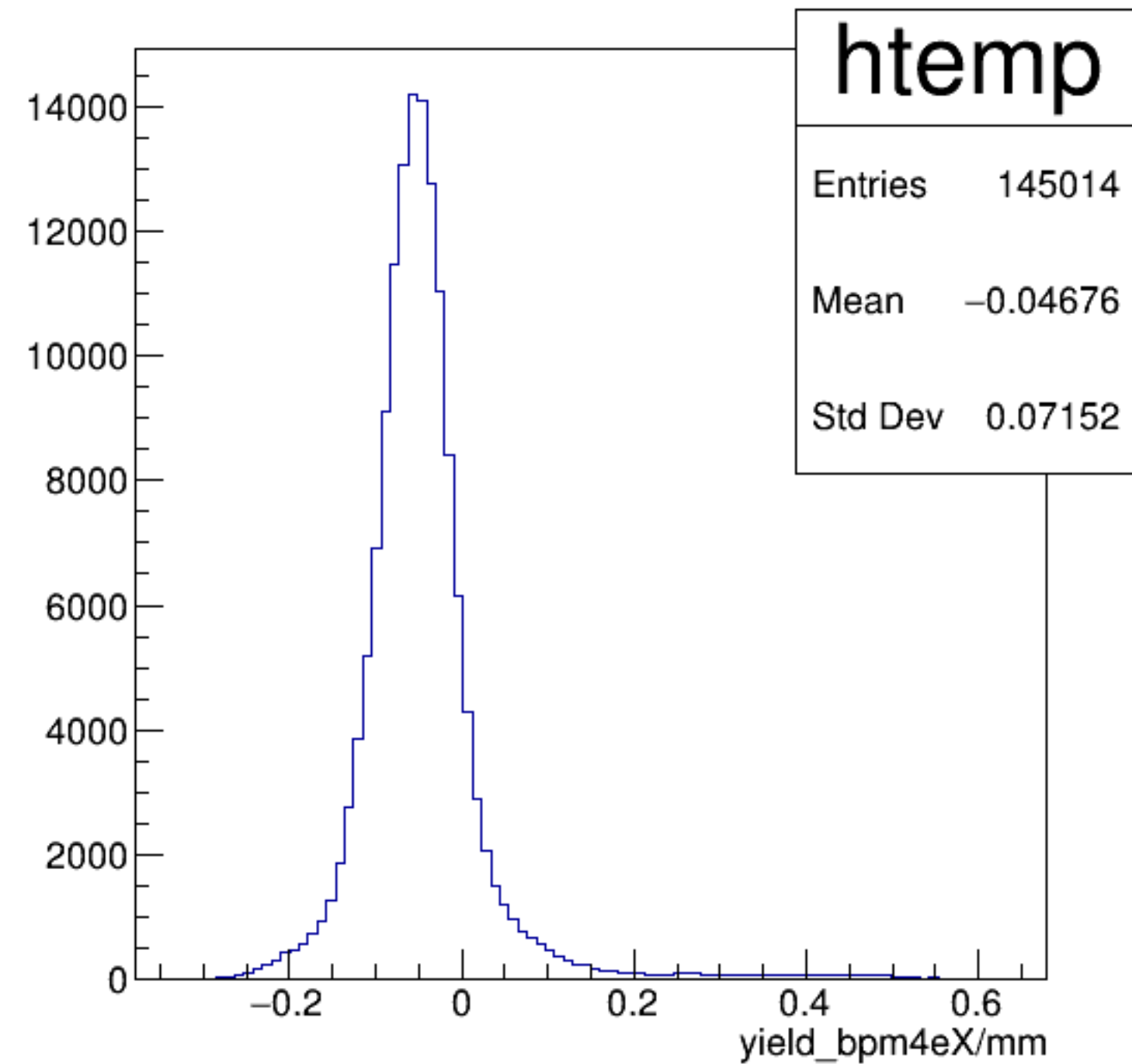




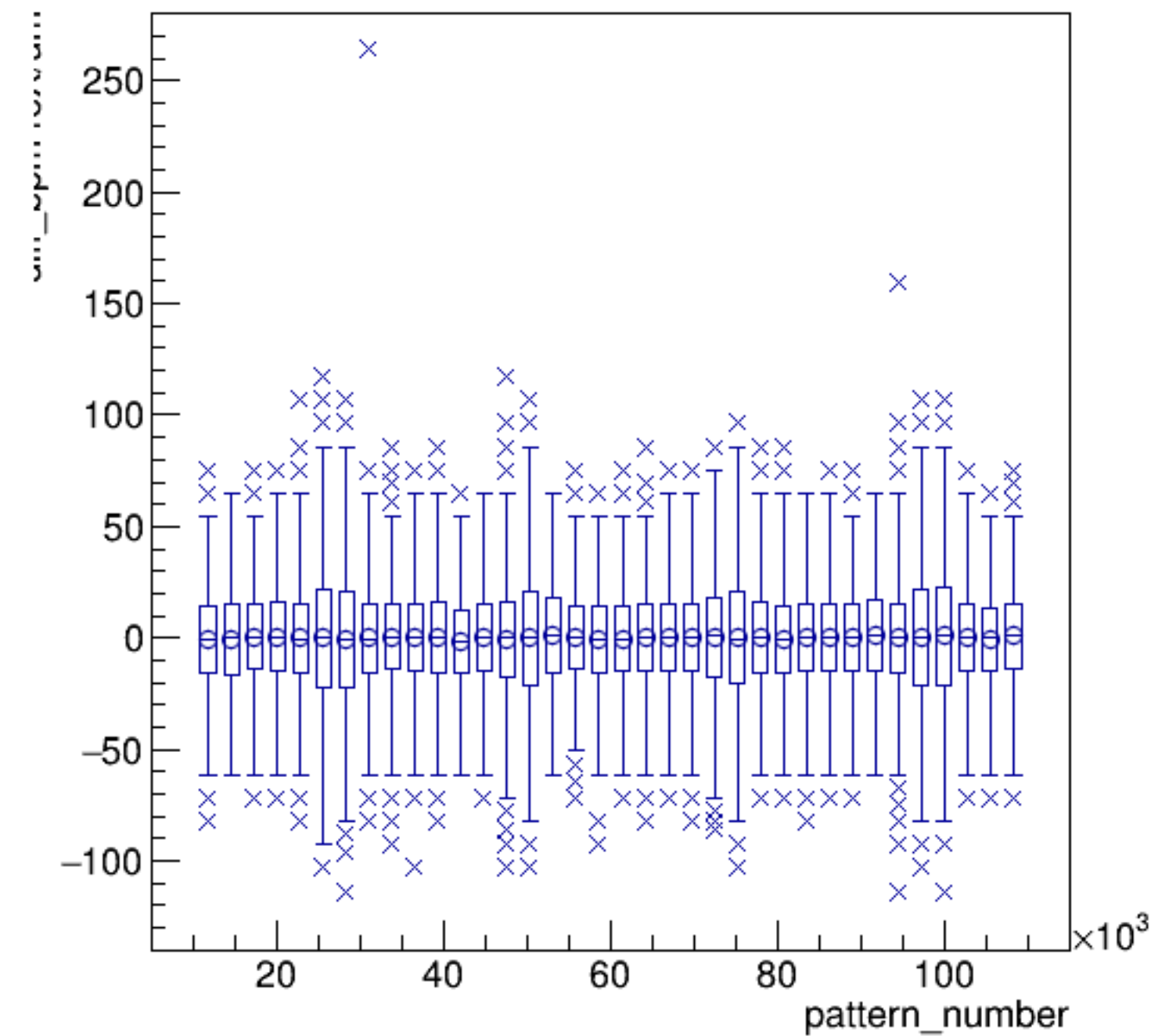
yield_bpm4eX/mm:pattern_number {ErrorFlag==0}



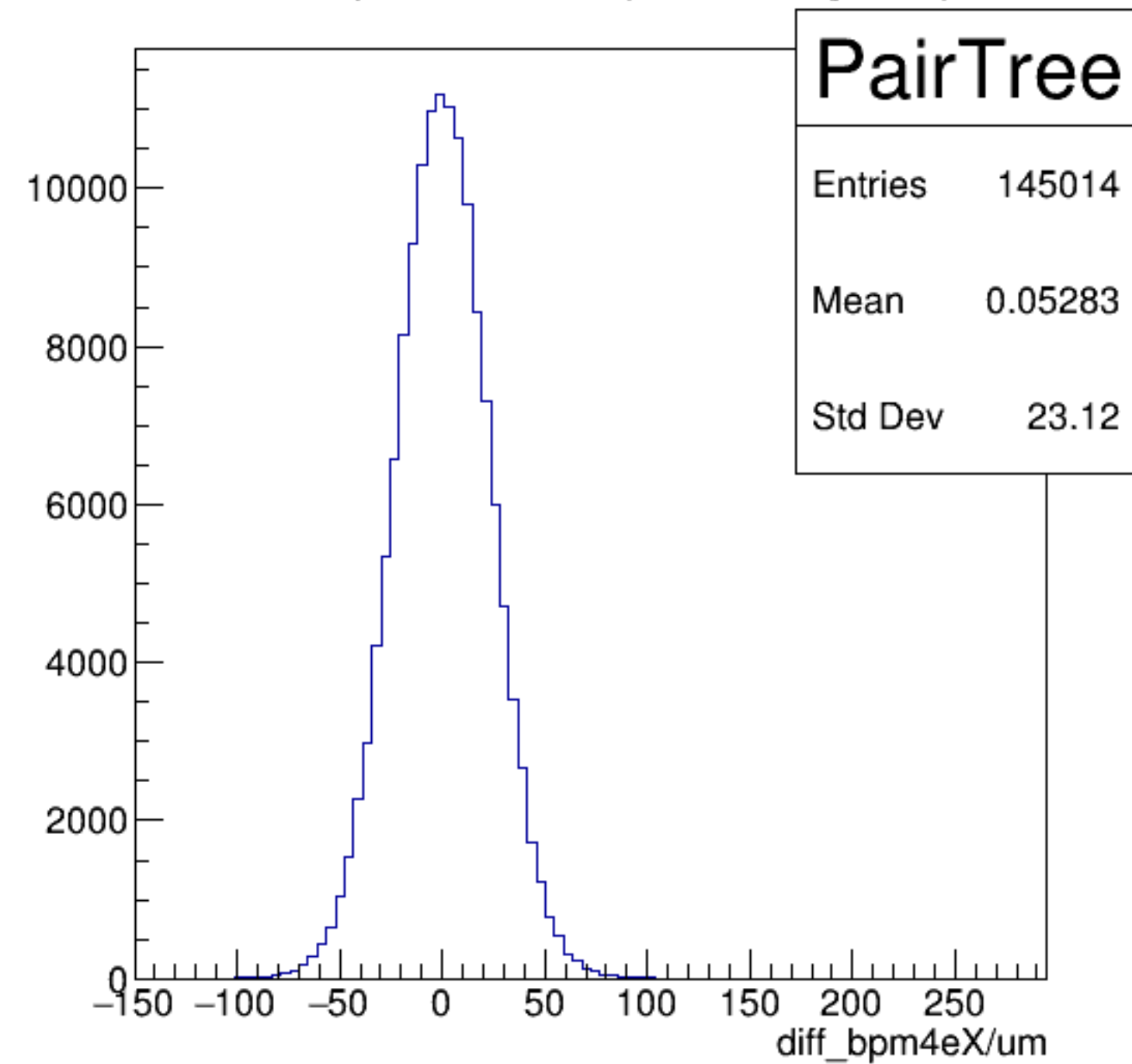
yield_bpm4eX/mm {ErrorFlag==0}

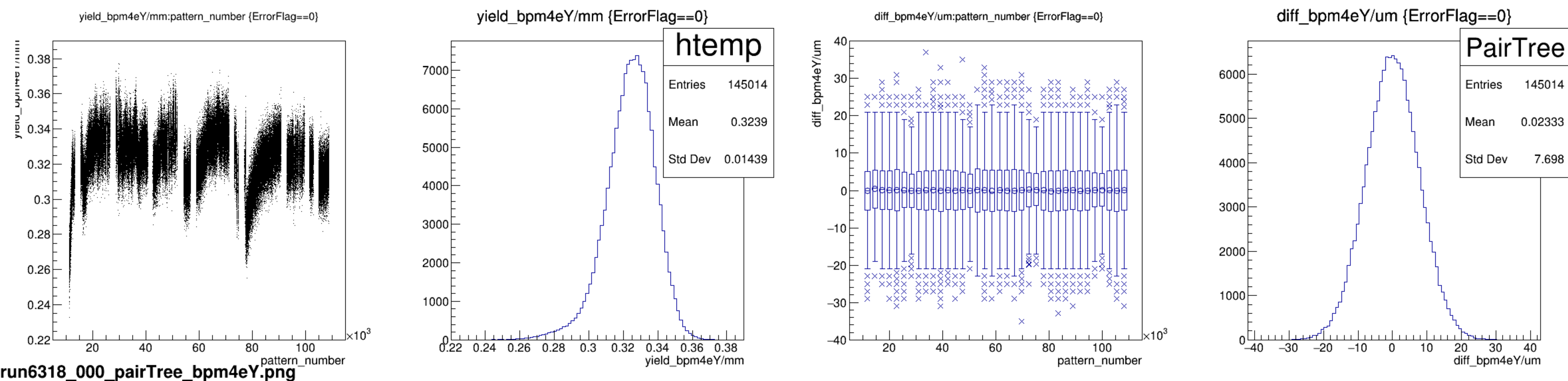


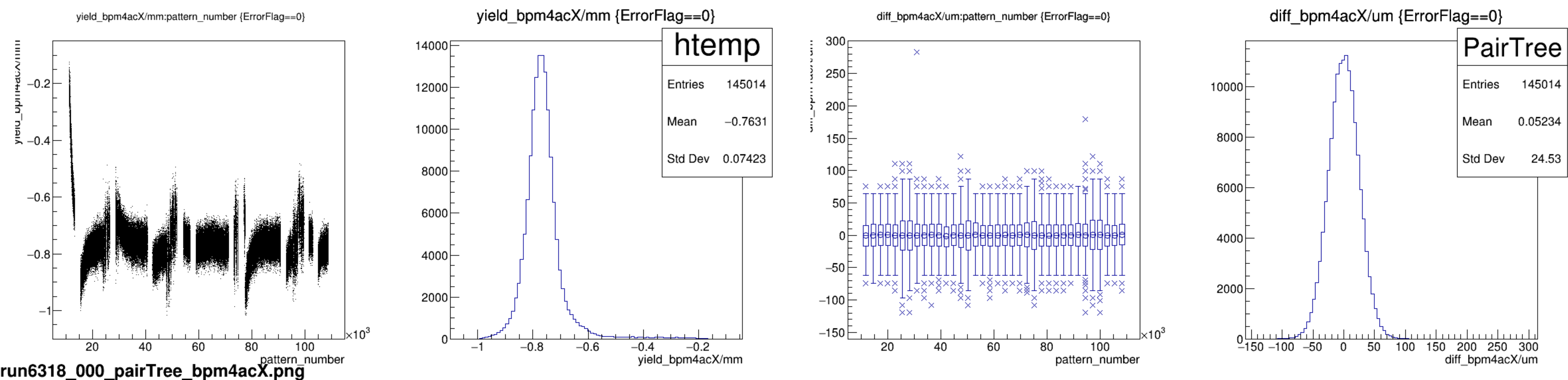
diff_bpm4eX/um:pattern_number {ErrorFlag==0}

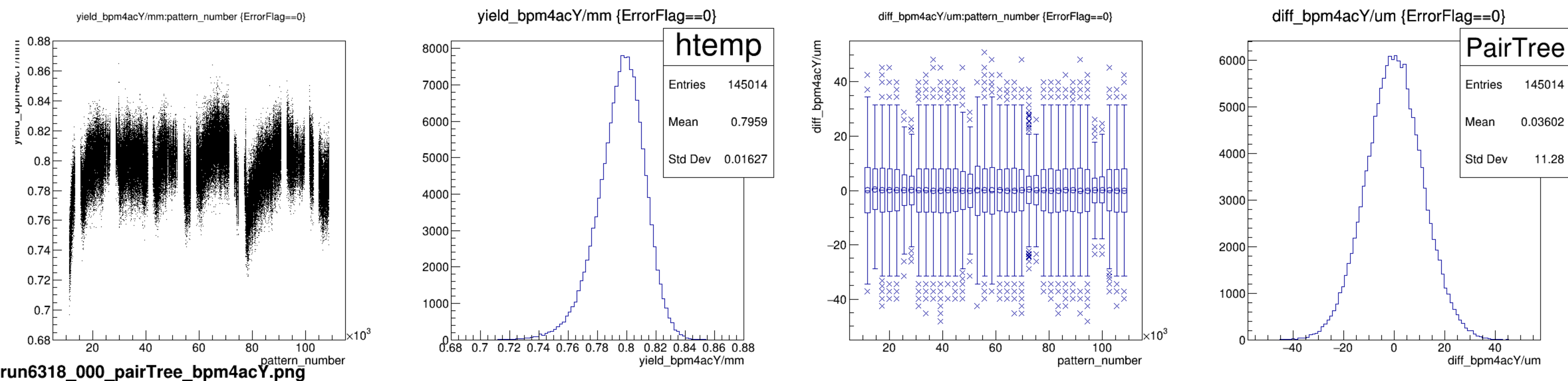


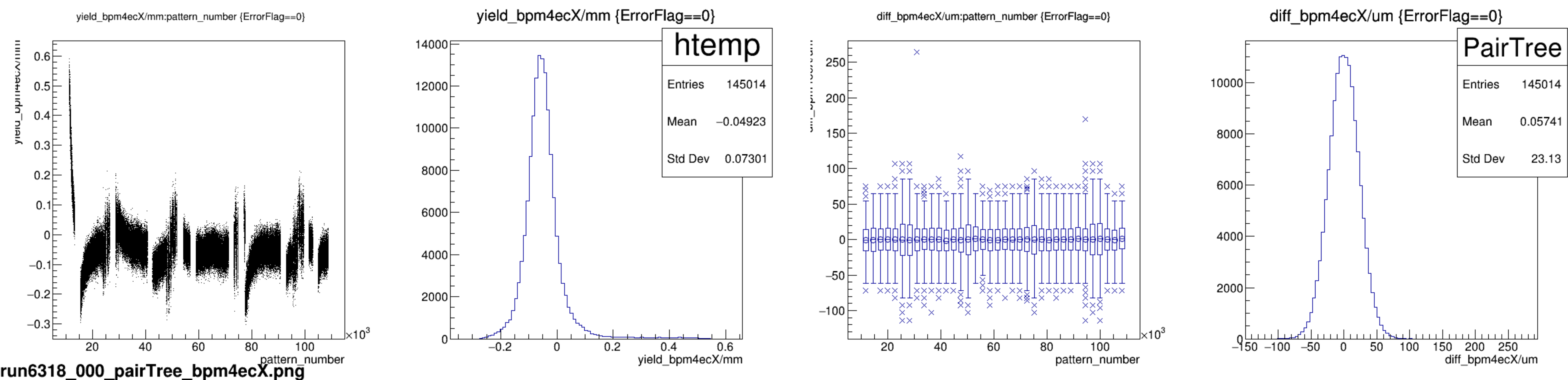
diff_bpm4eX/um {ErrorFlag==0}



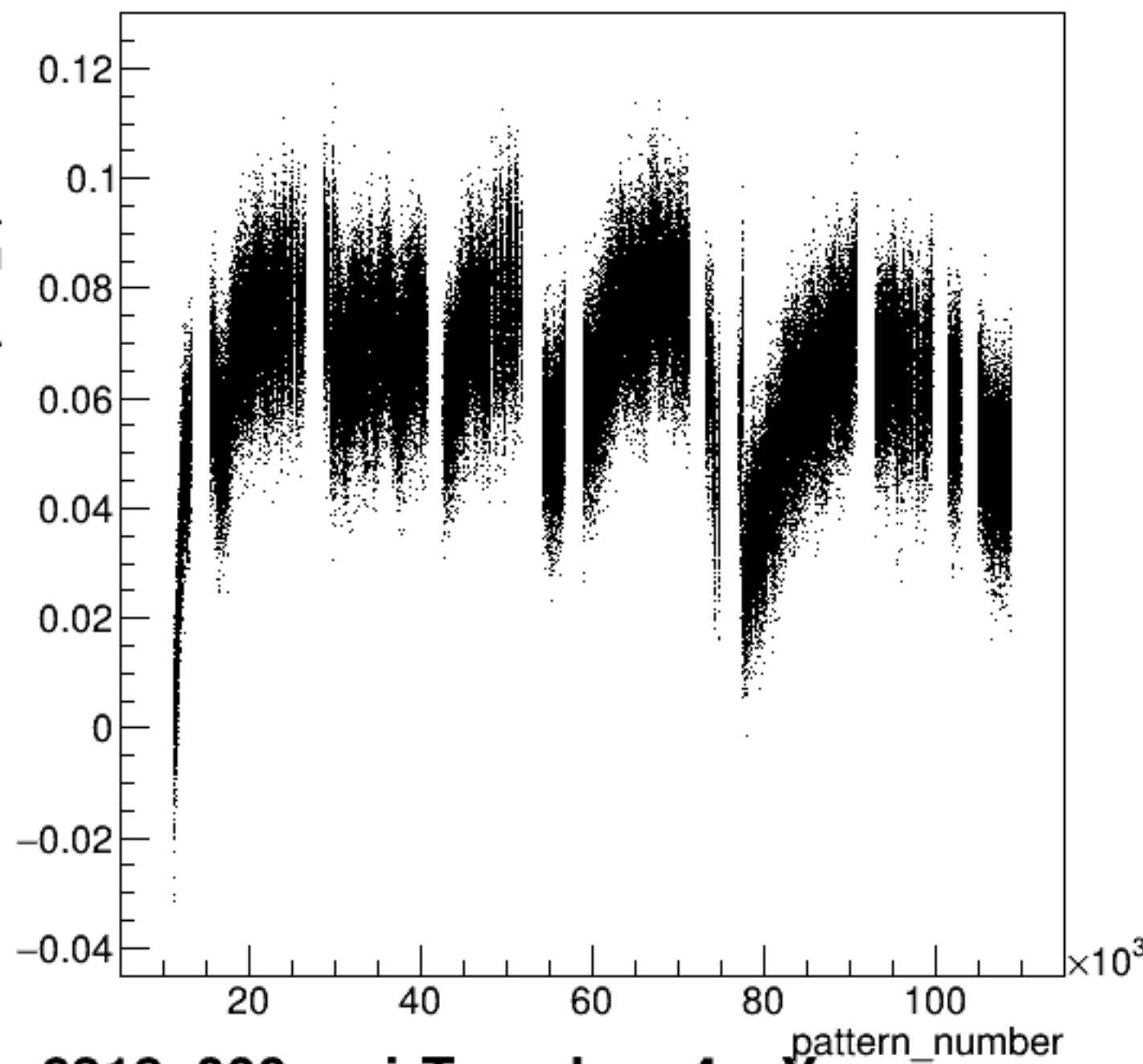






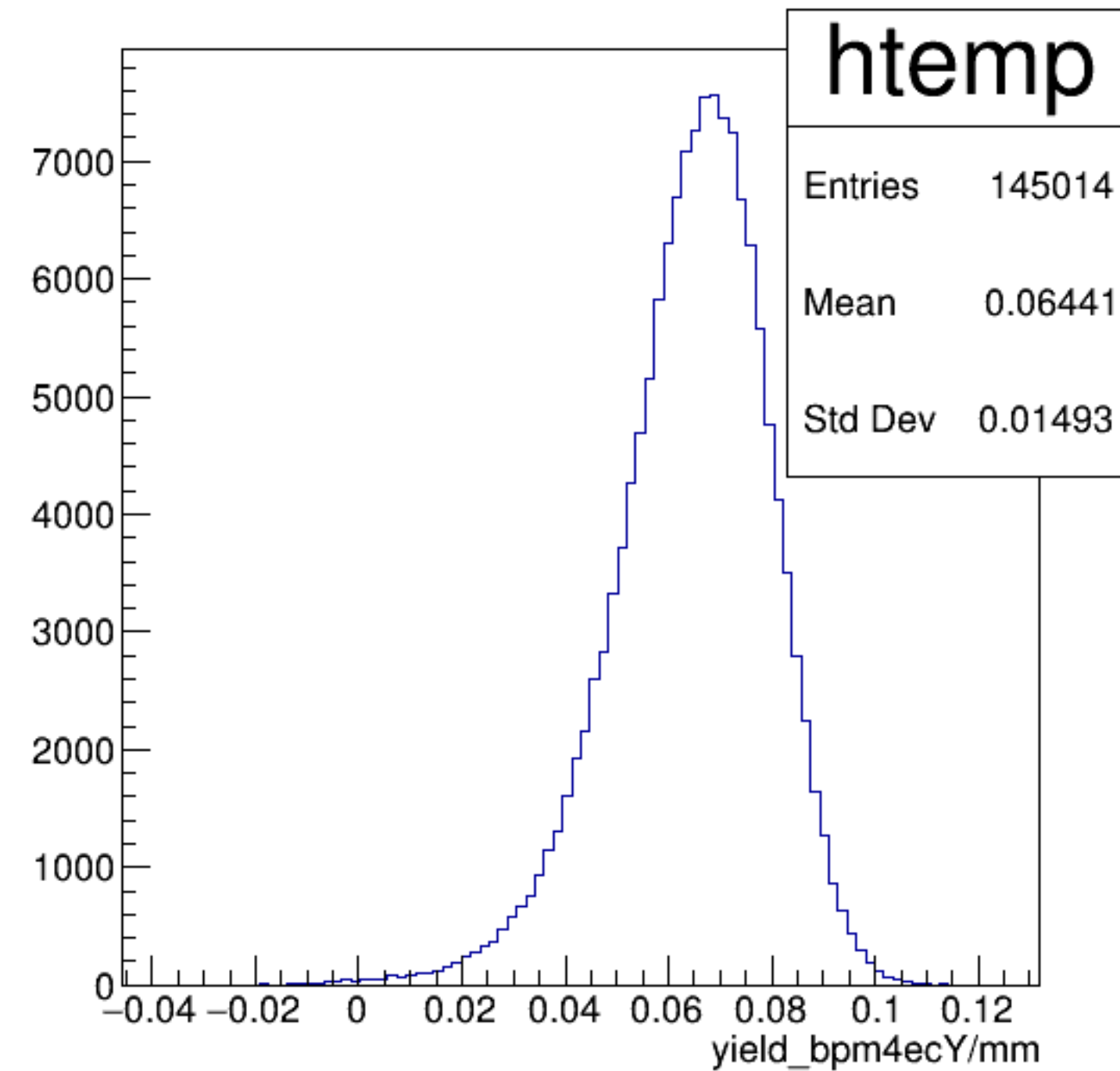


yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}

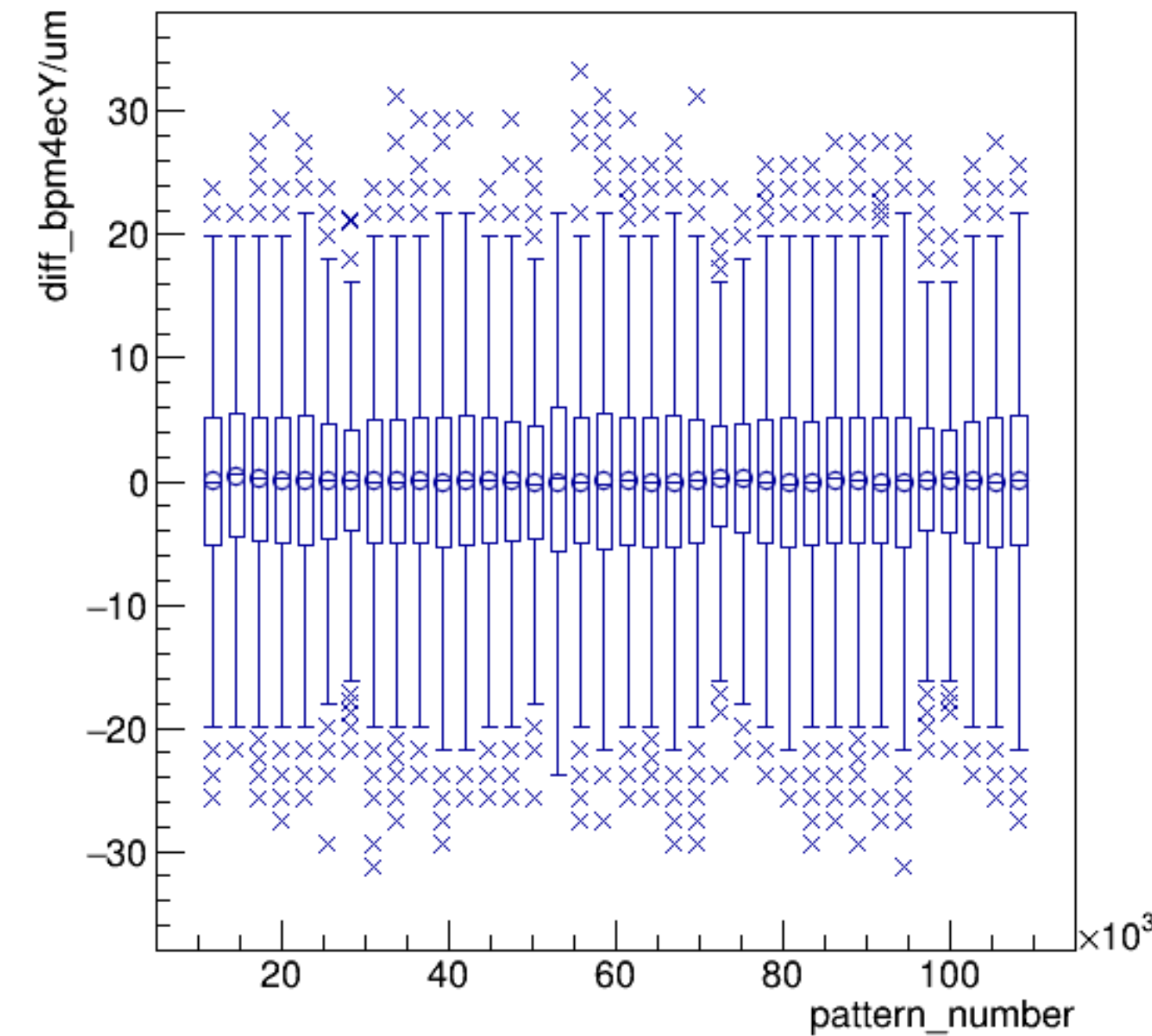


run6318_000_pairTree_bpm4ecY.png

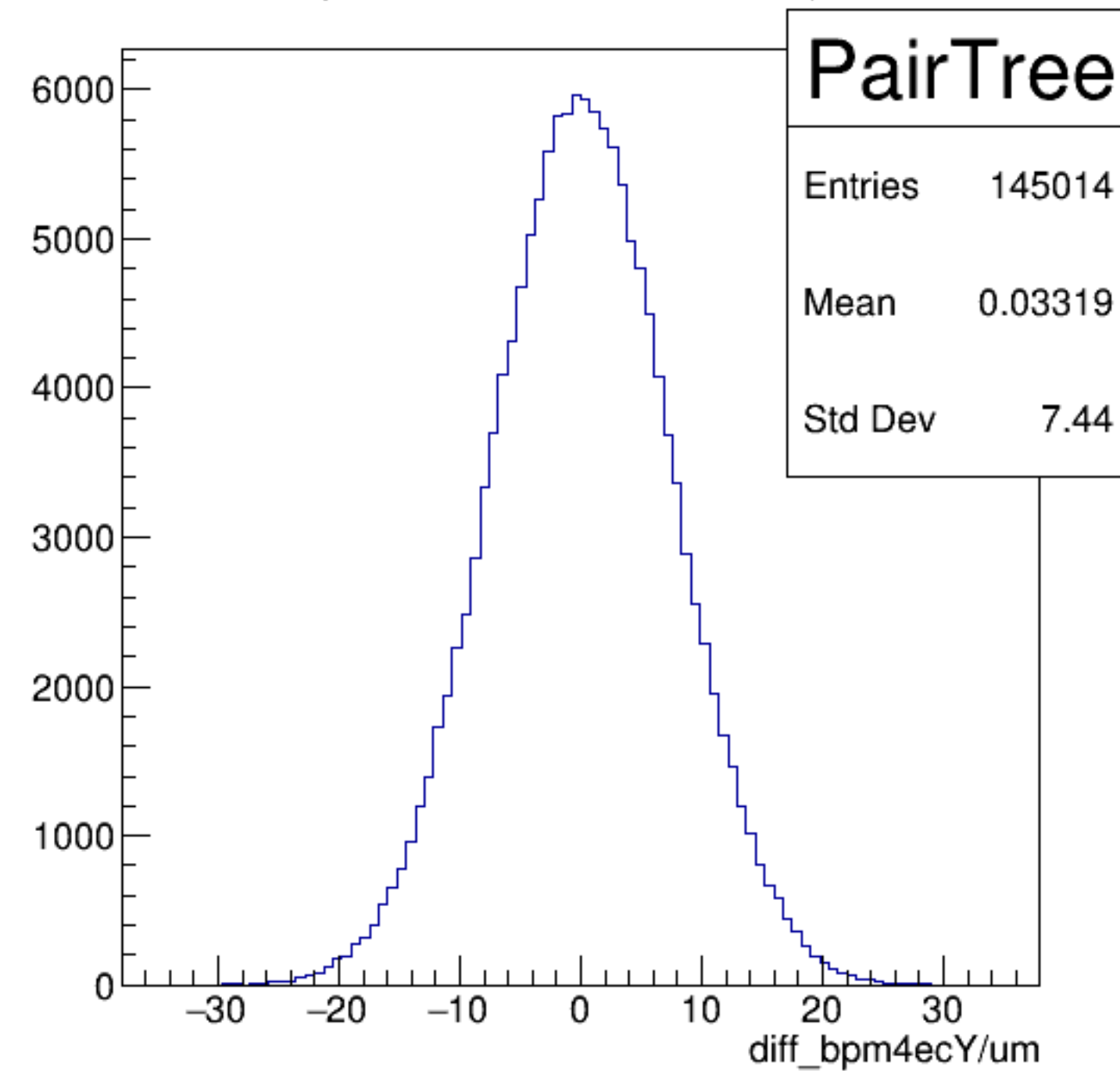
yield_bpm4ecY/mm {ErrorFlag==0}

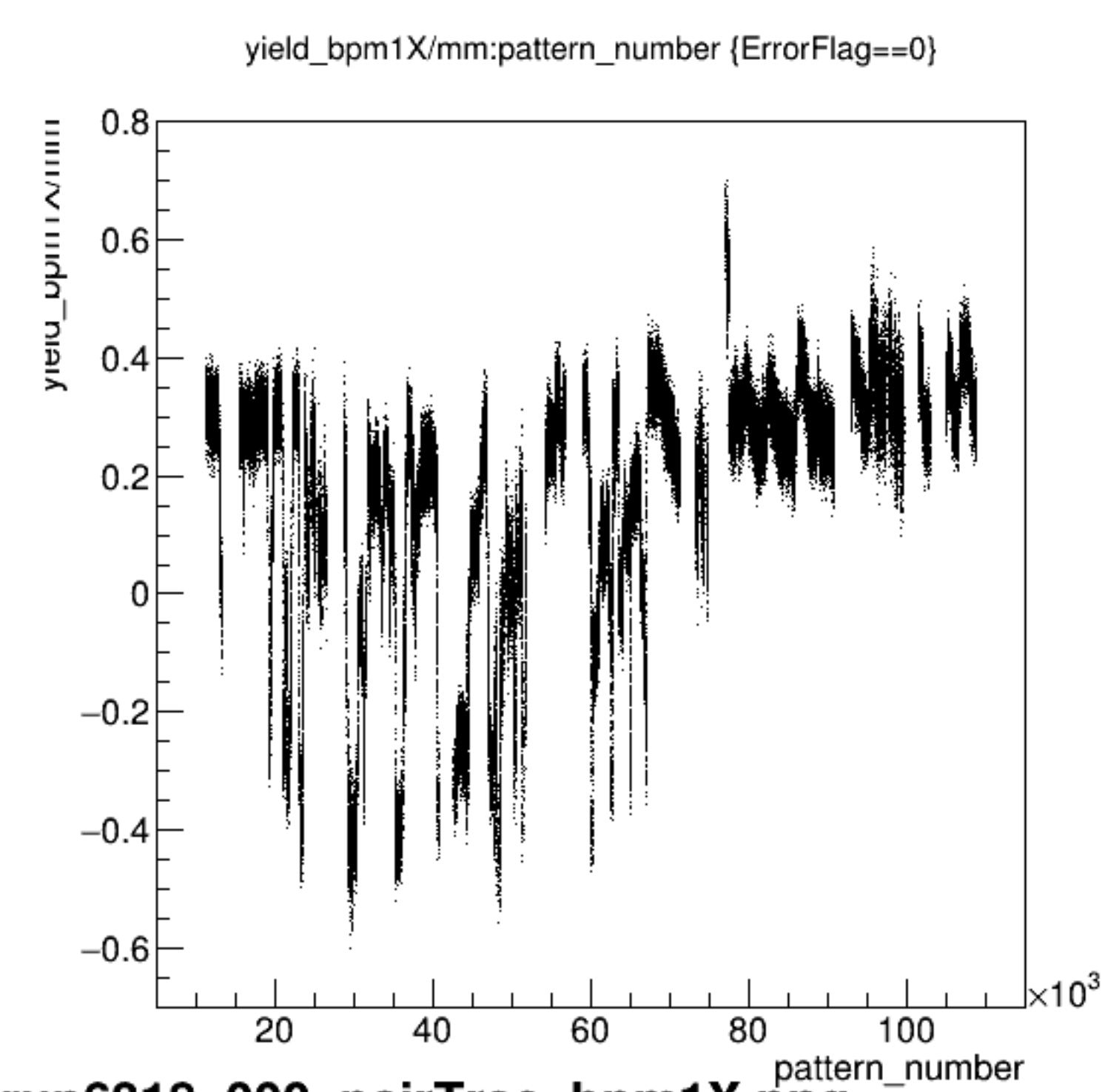


diff_bpm4ecY/um:pattern_number {ErrorFlag==0}

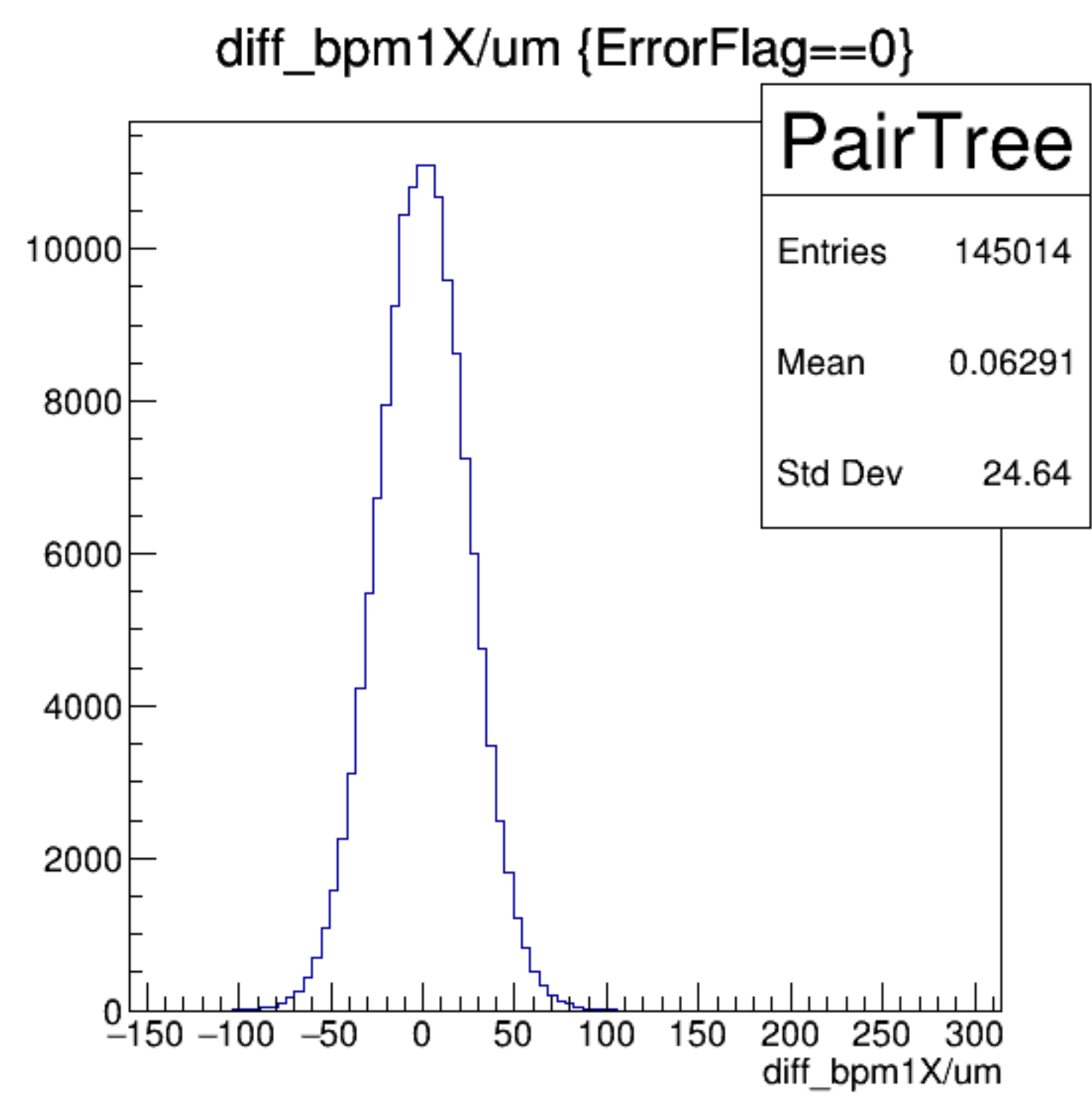
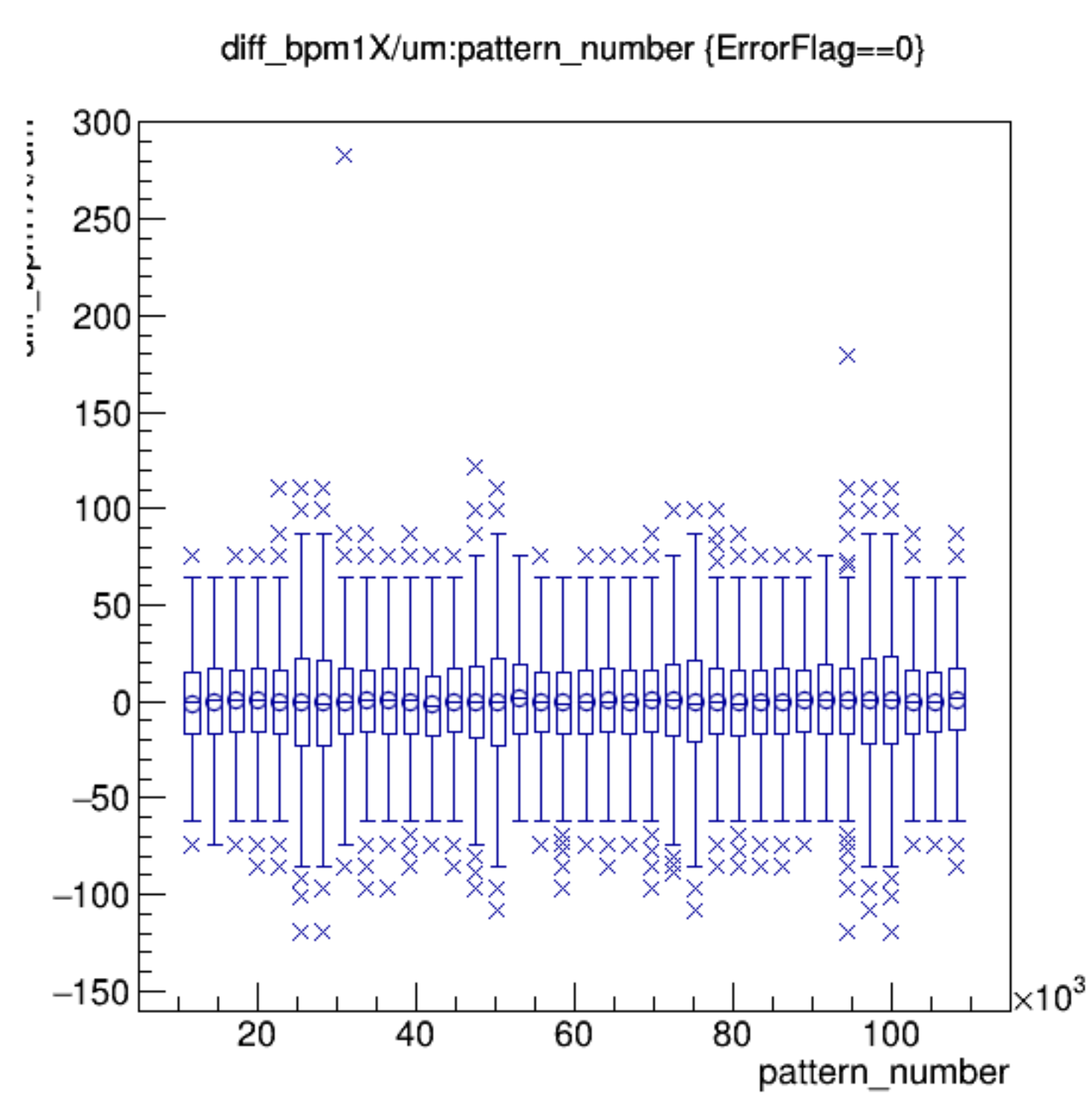
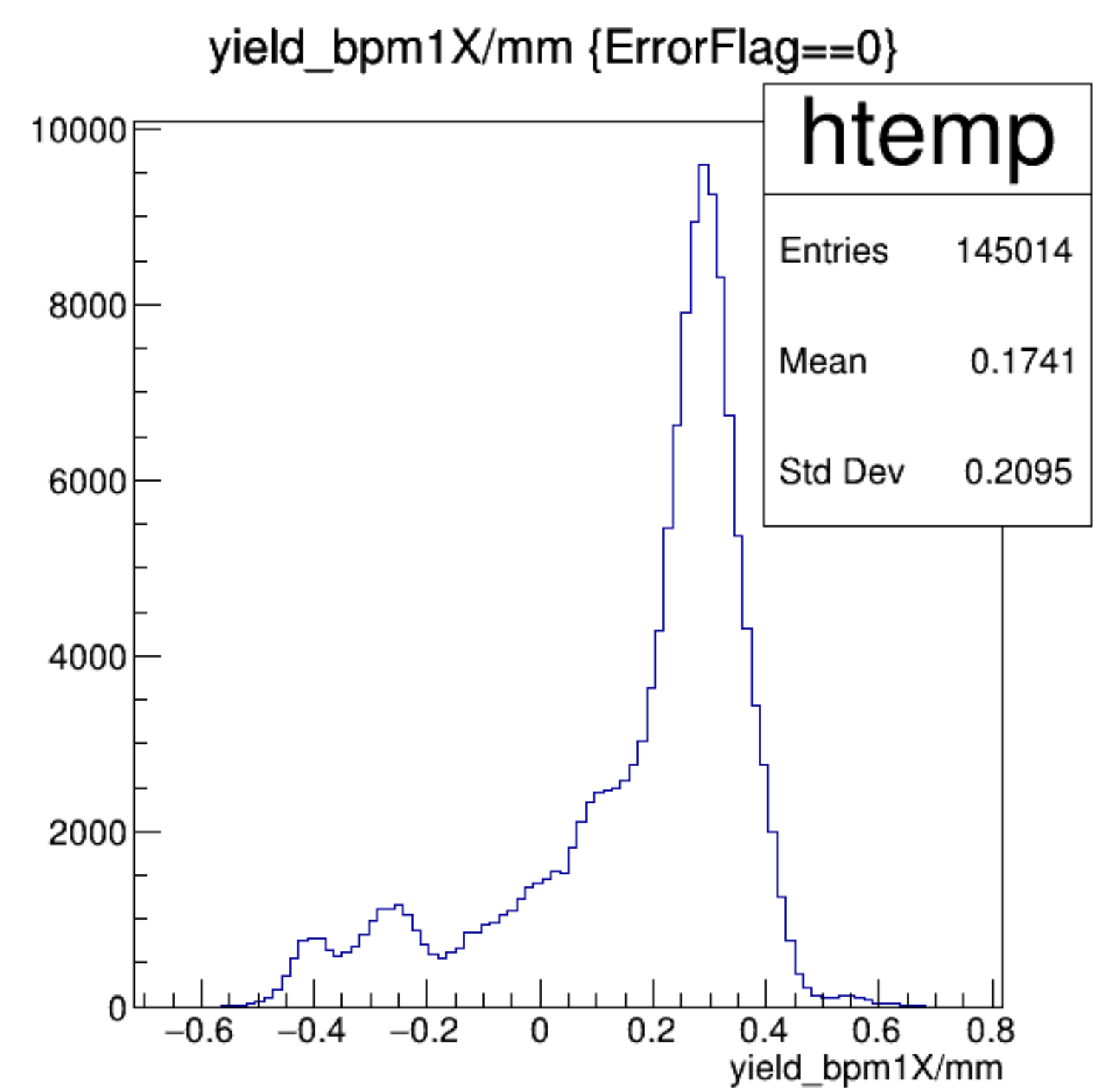


diff_bpm4ecY/um {ErrorFlag==0}

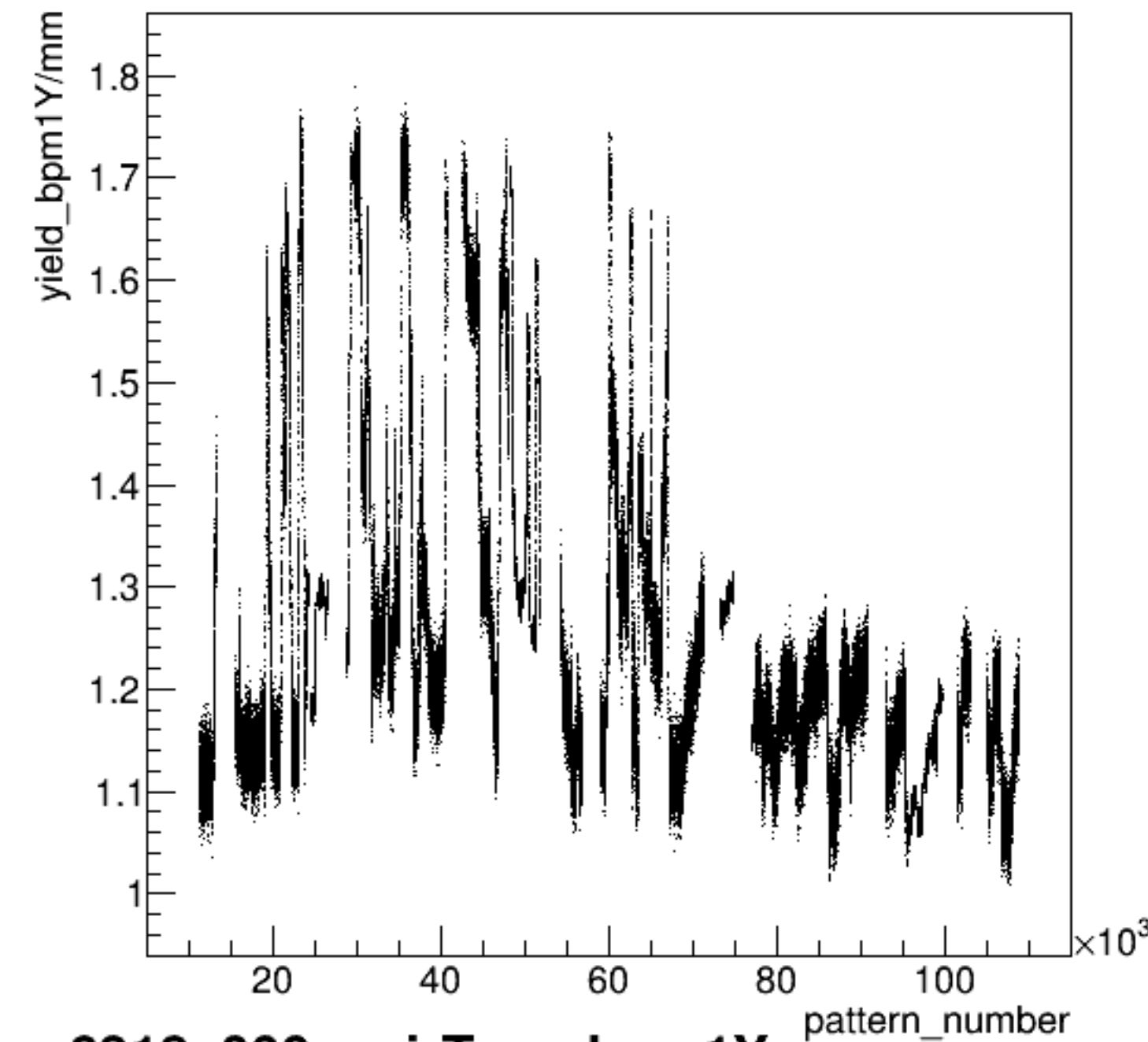




run6318_000_pairTree_bpm1X.png

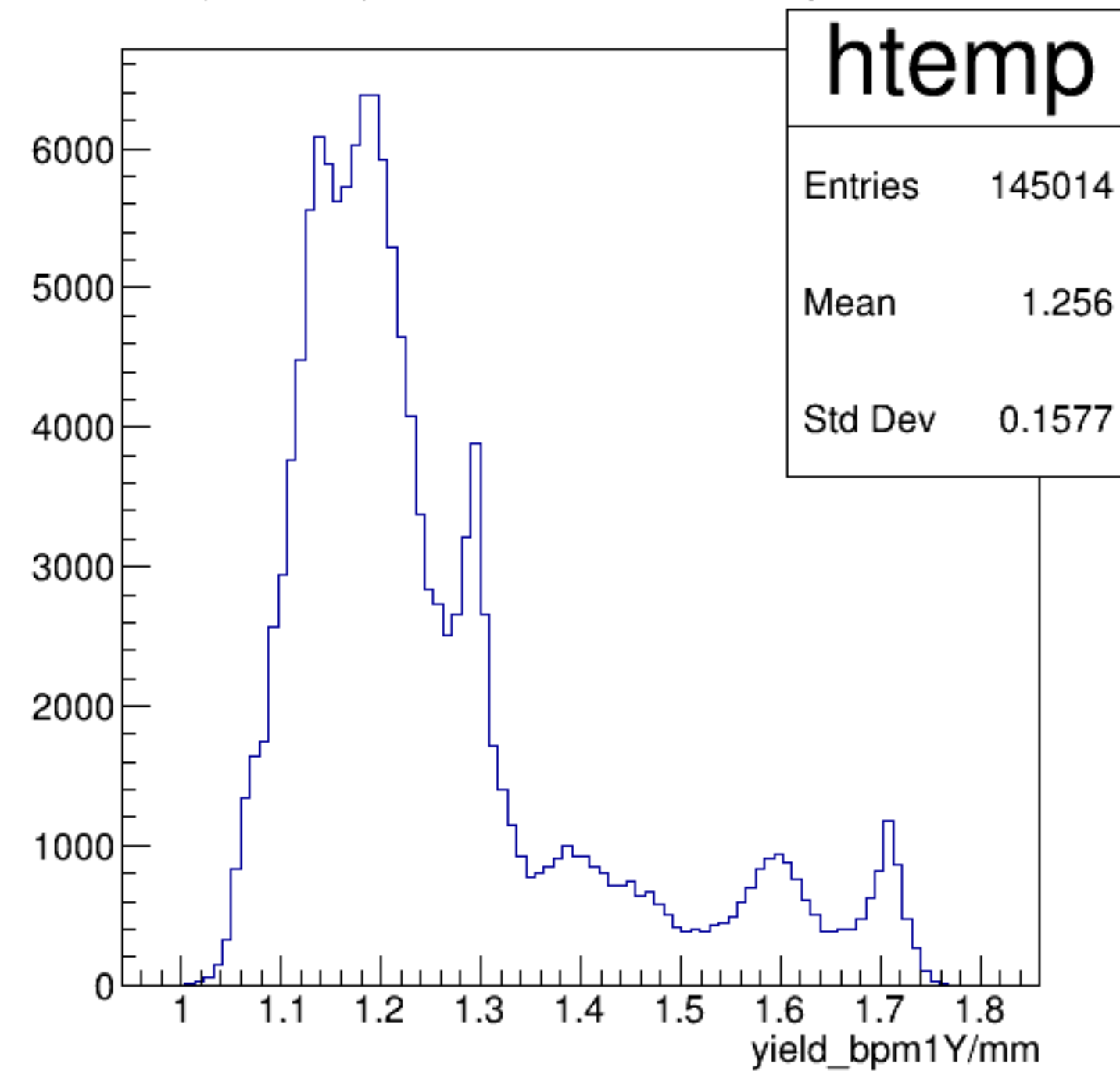


yield_bpm1Y/mm:pattern_number {ErrorFlag==0}

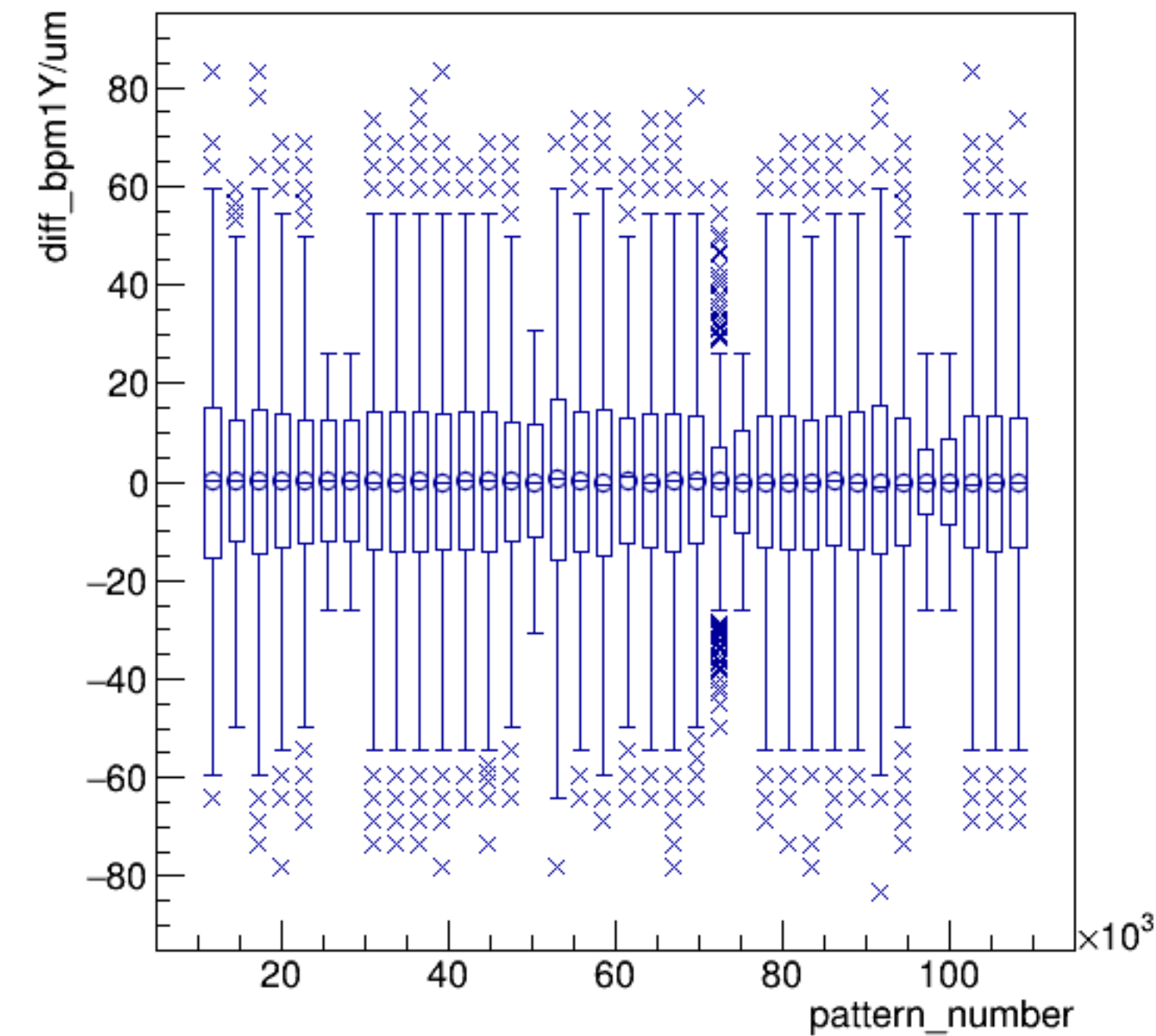


run6318_000_pairTree_bpm1Y.png

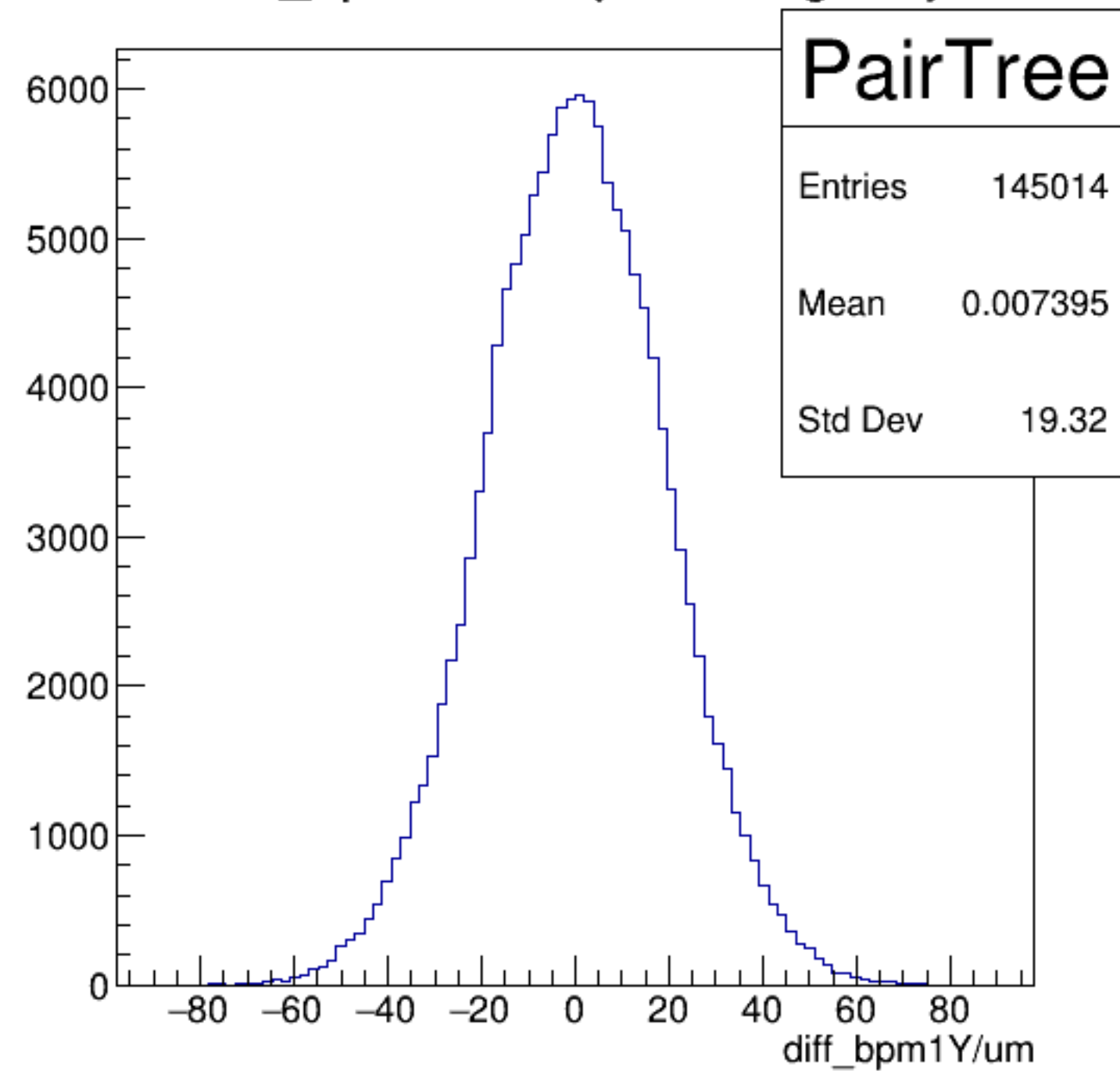
yield_bpm1Y/mm {ErrorFlag==0}



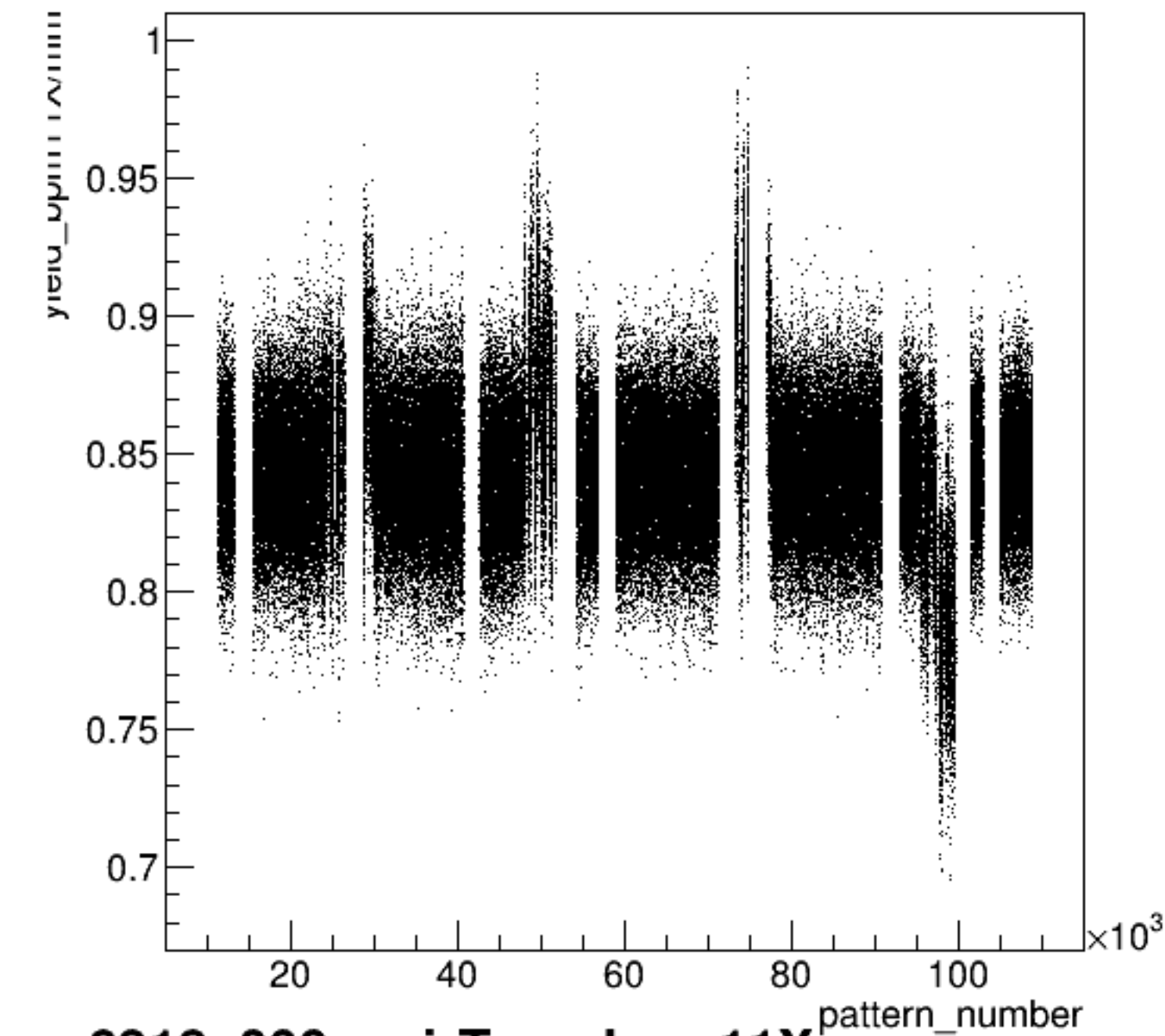
diff_bpm1Y/um:pattern_number {ErrorFlag==0}



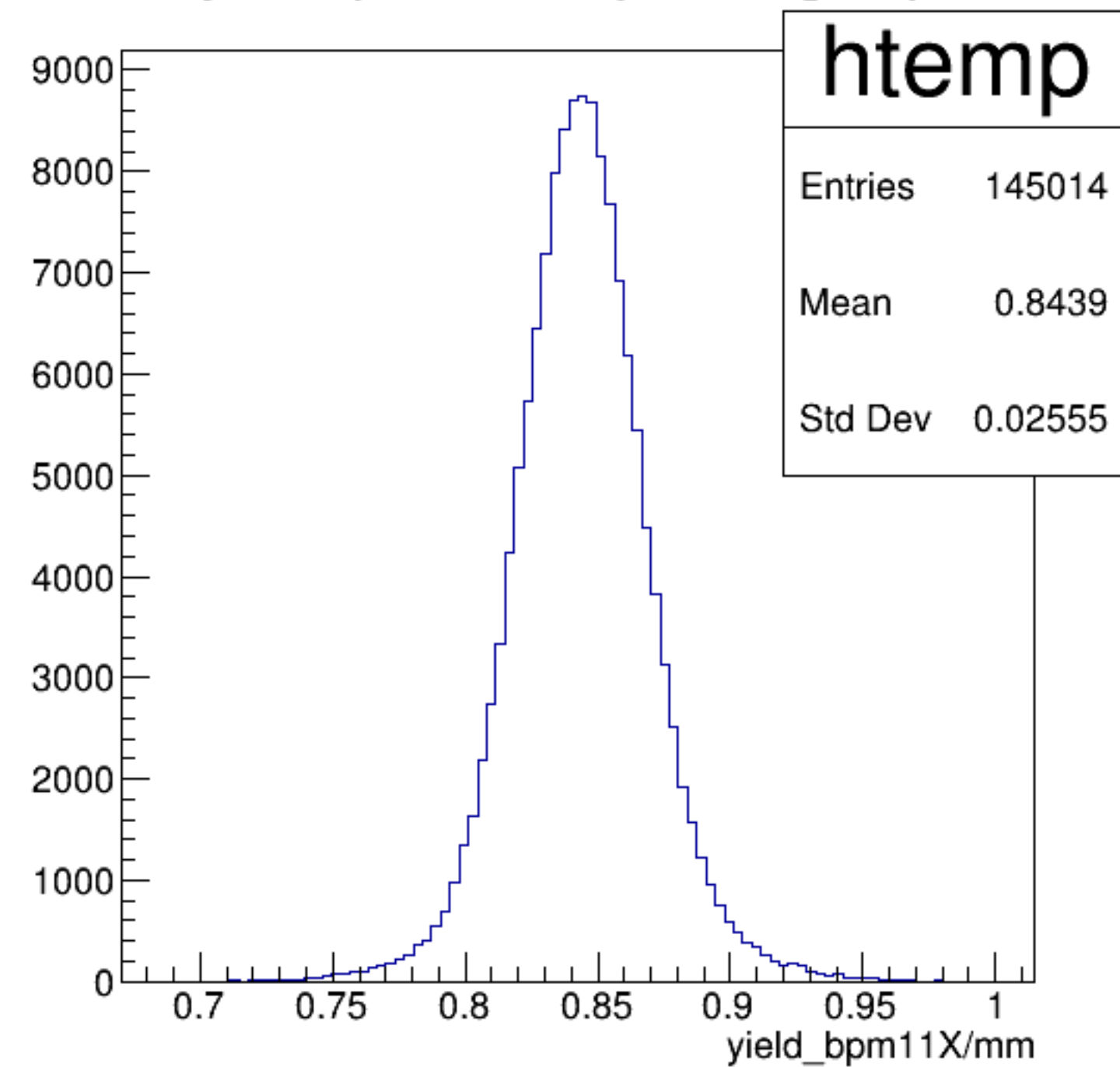
diff_bpm1Y/um {ErrorFlag==0}



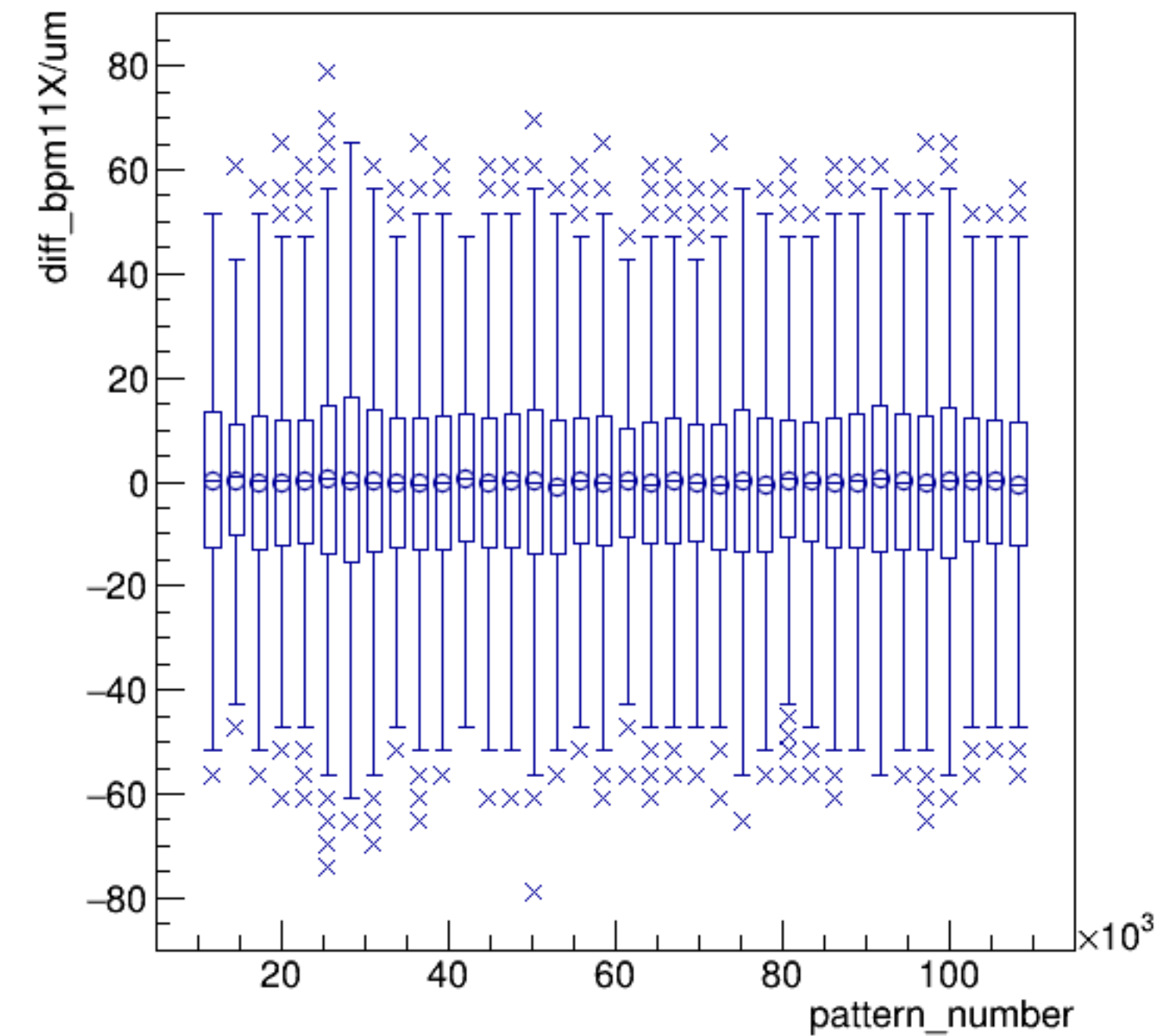
yield_bpm11X/mm:pattern_number {ErrorFlag==0}



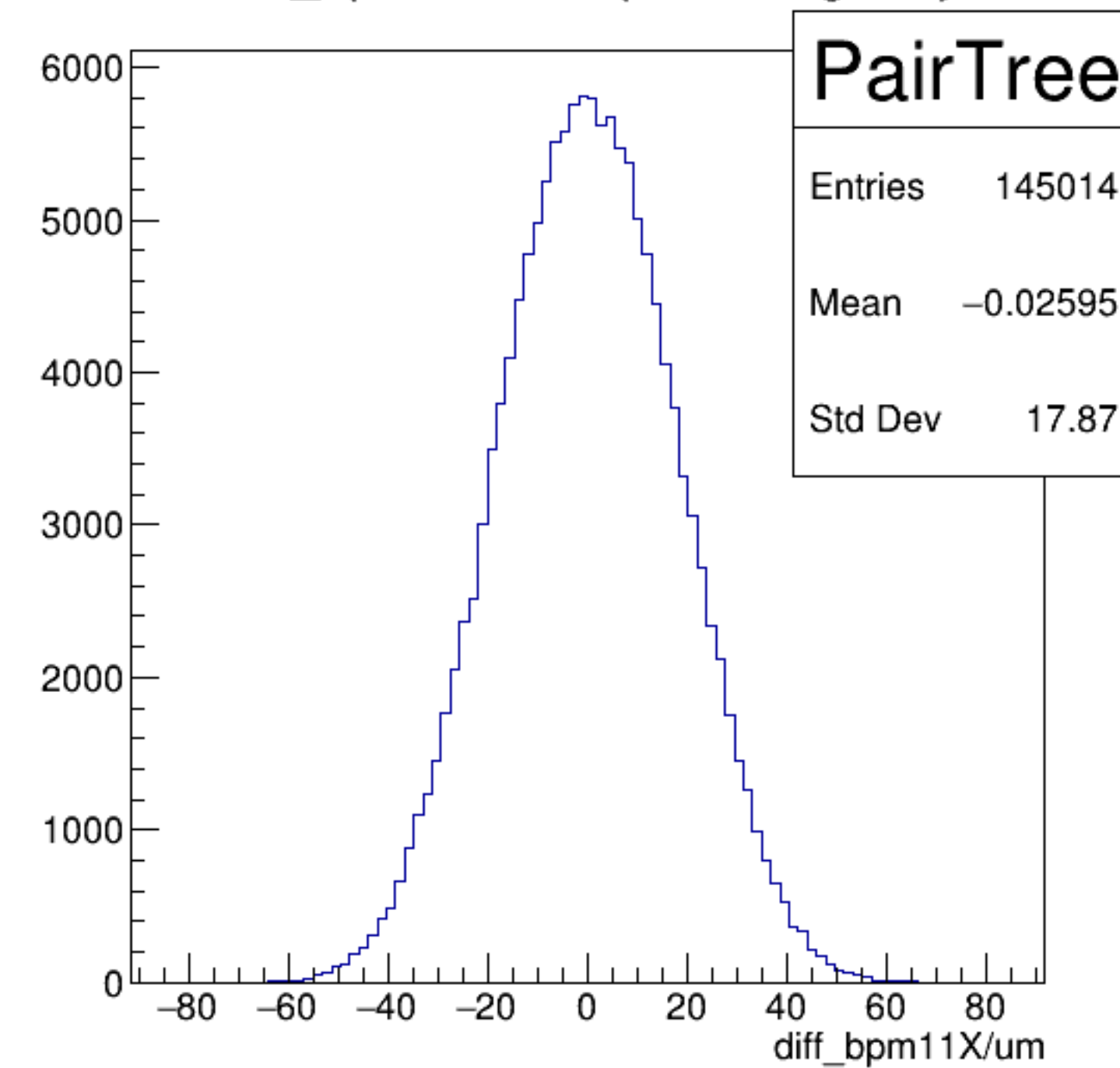
yield_bpm11X/mm {ErrorFlag==0}

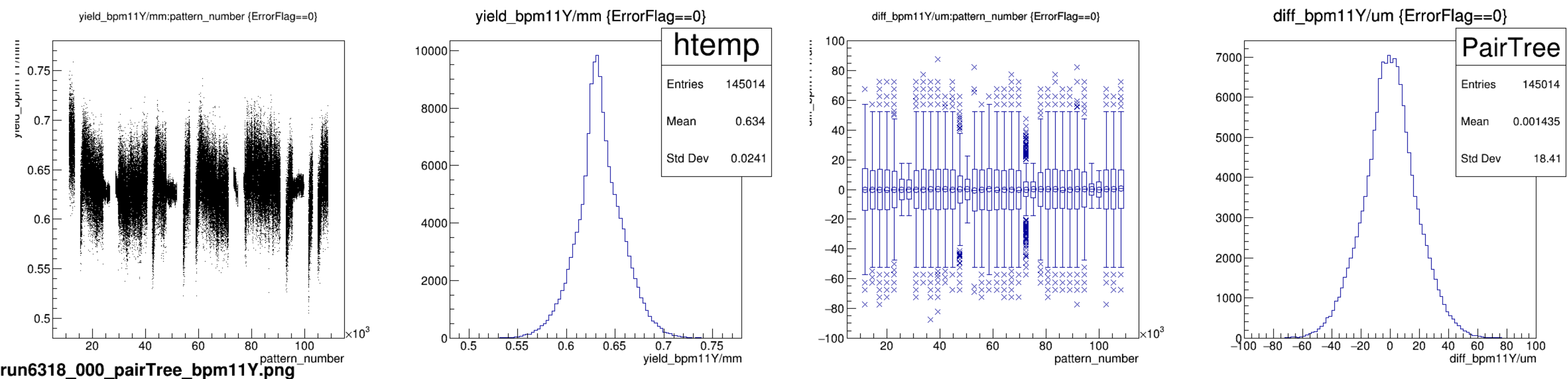


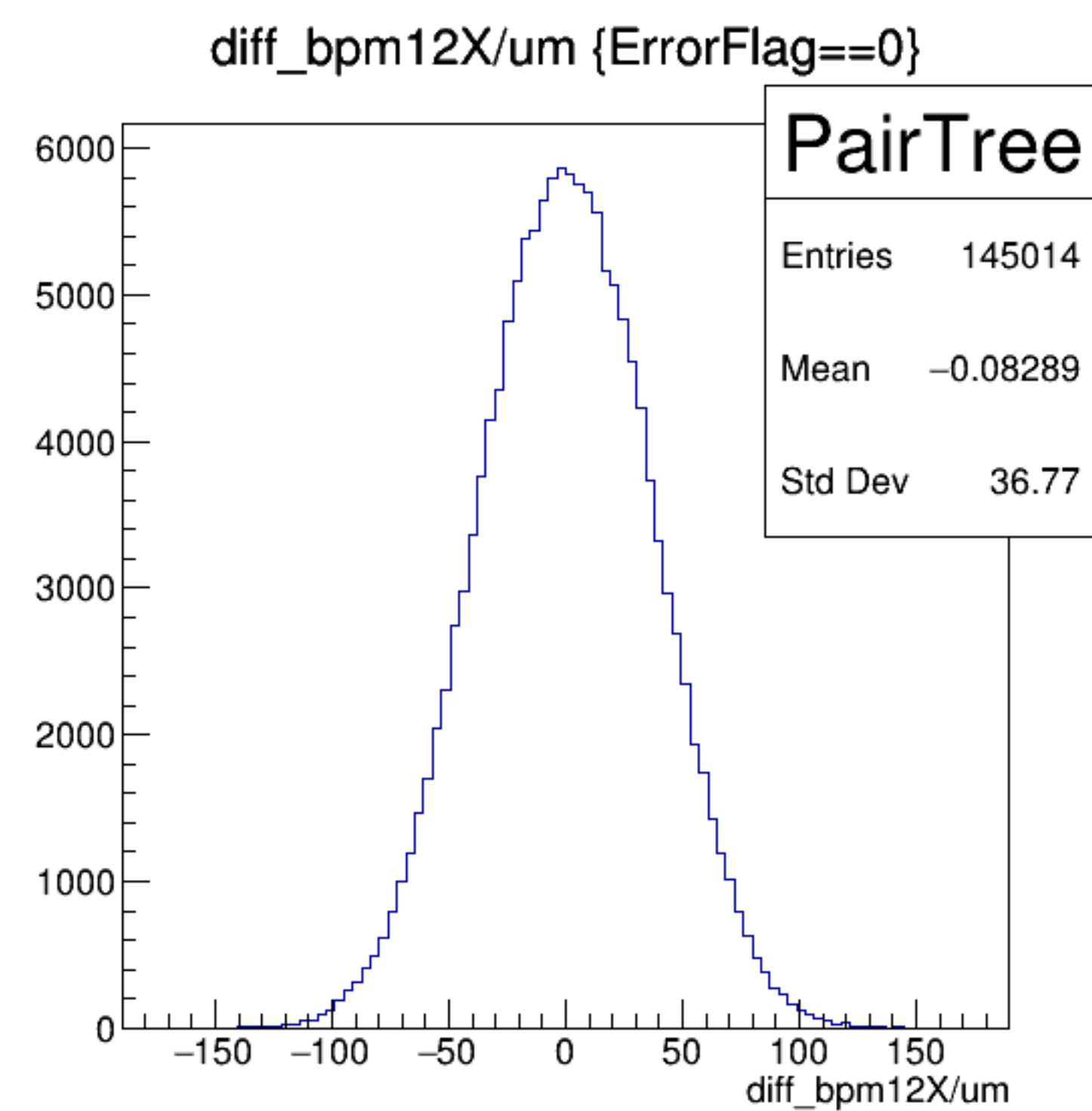
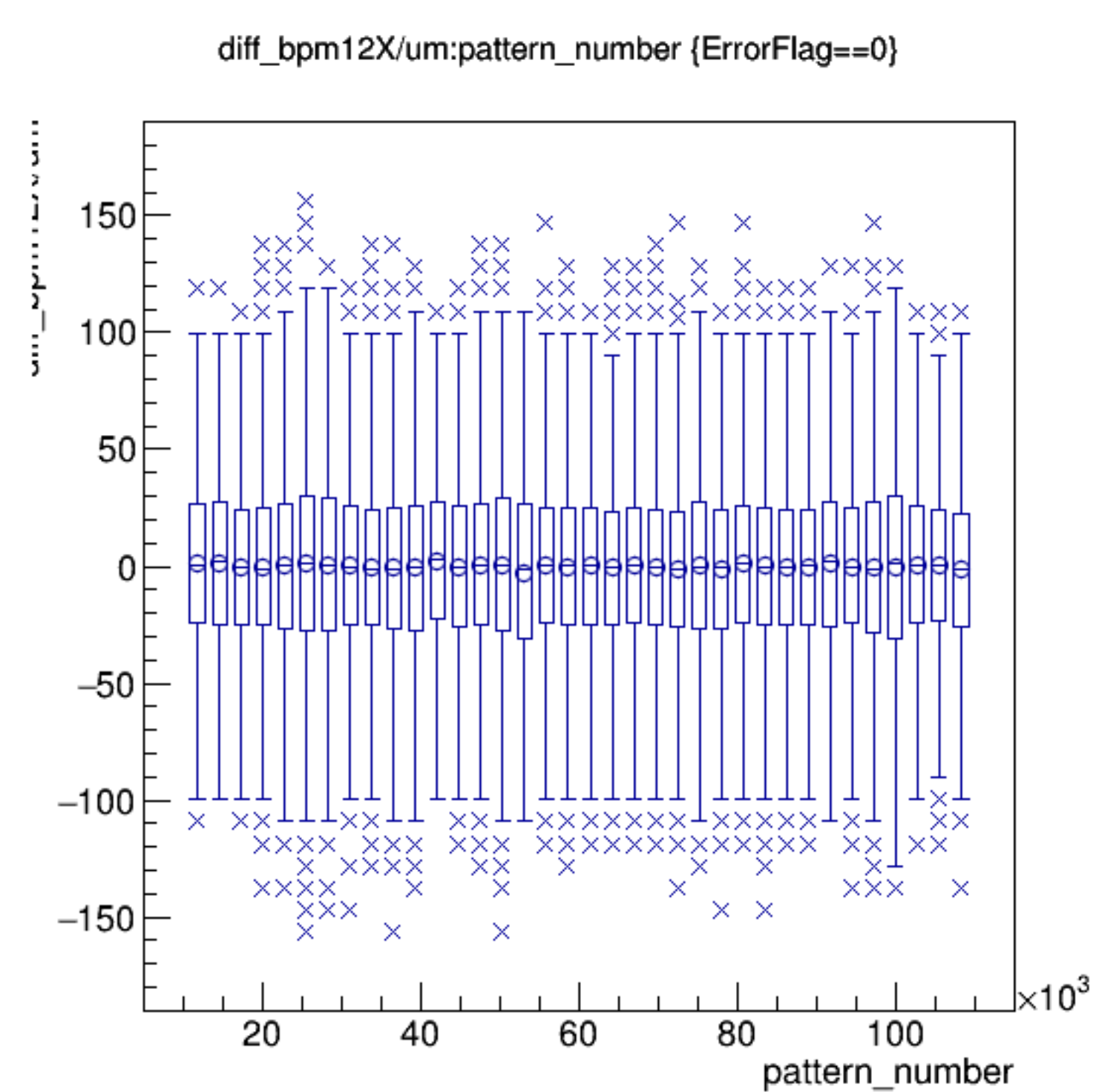
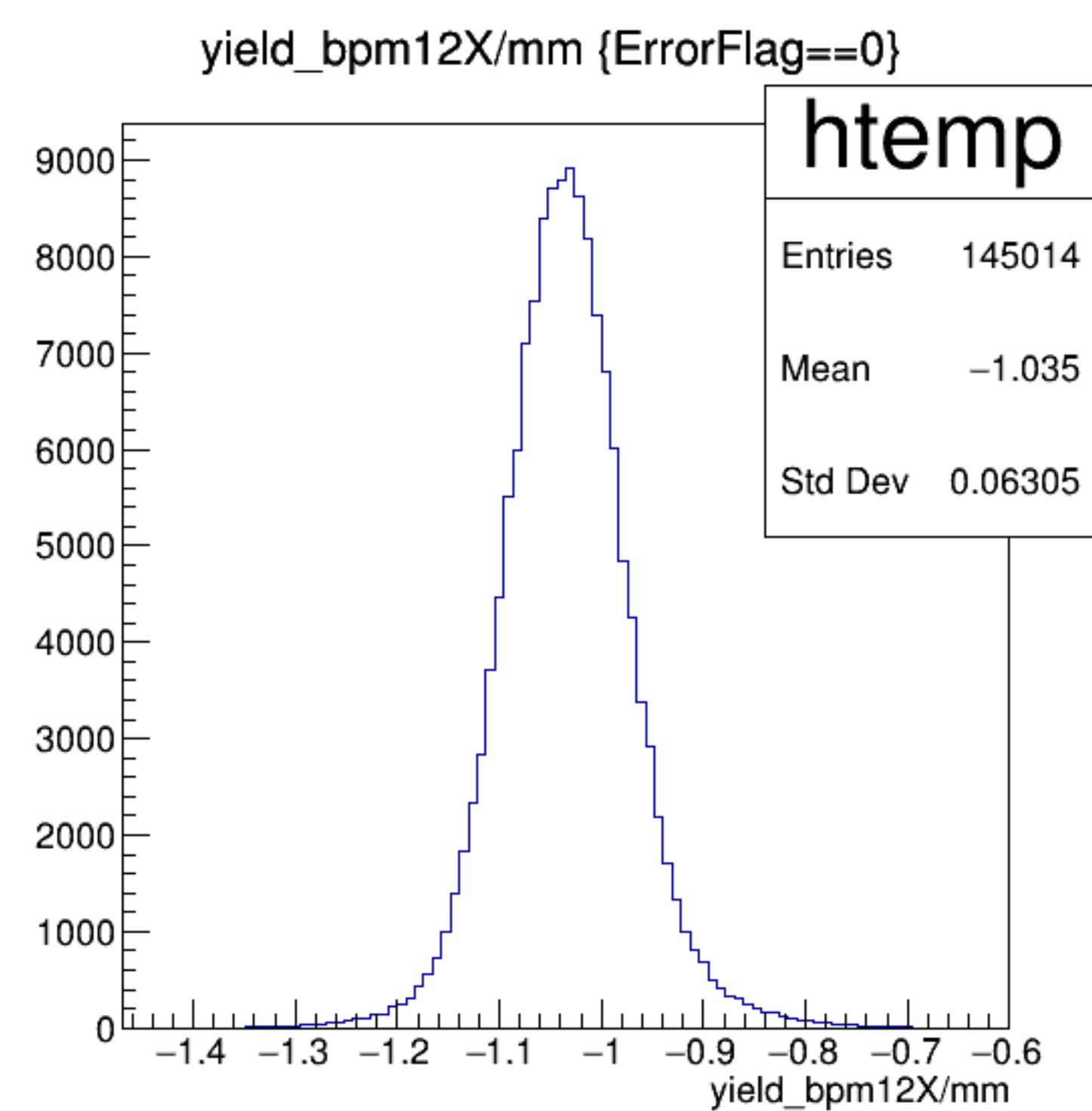
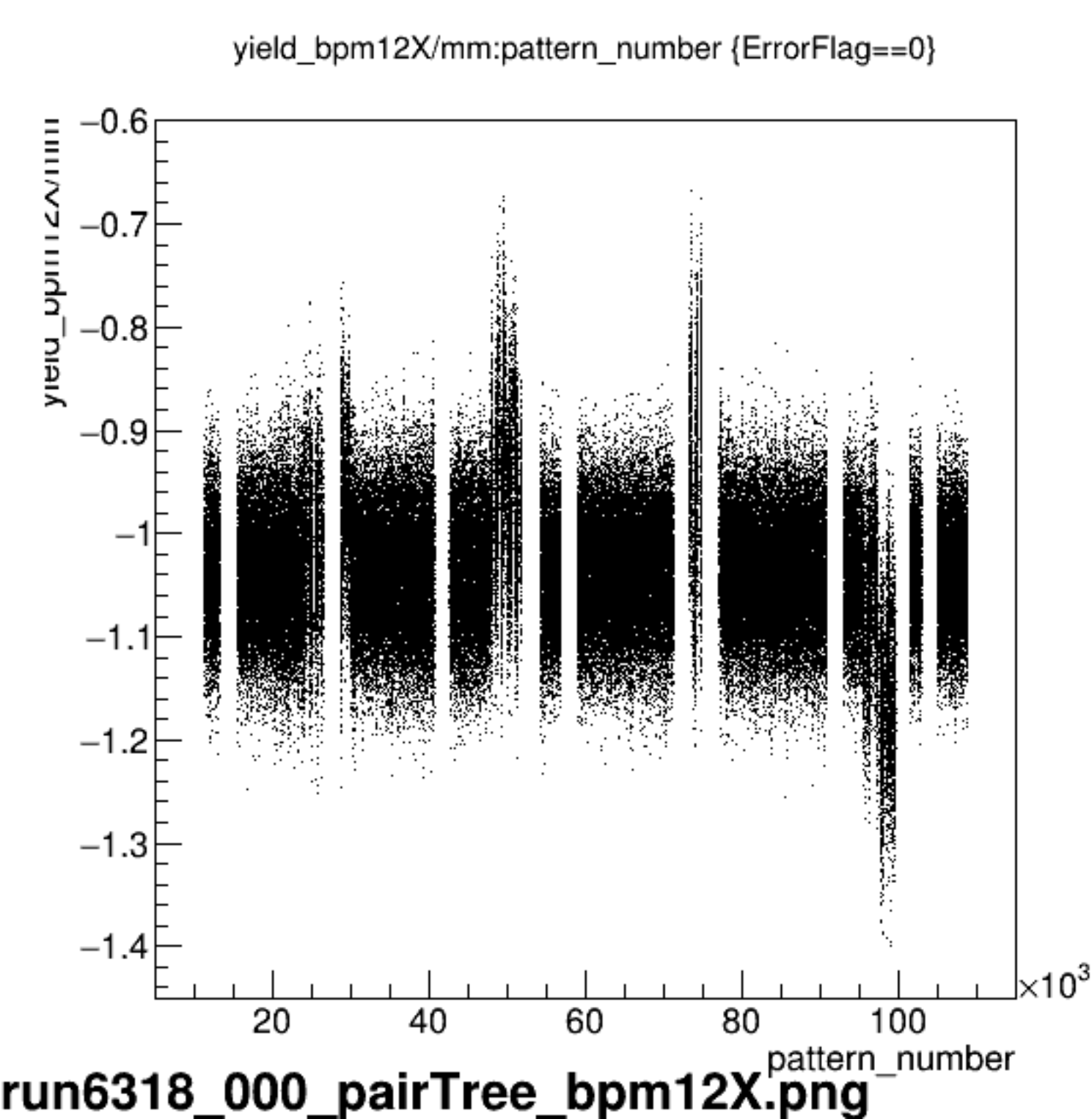
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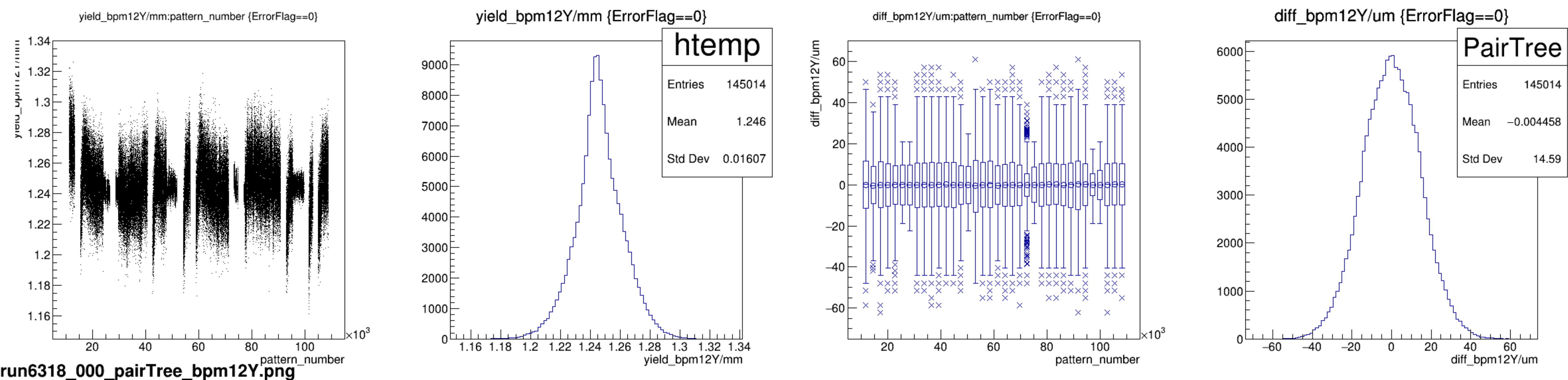


diff_bpm11X/um {ErrorFlag==0}

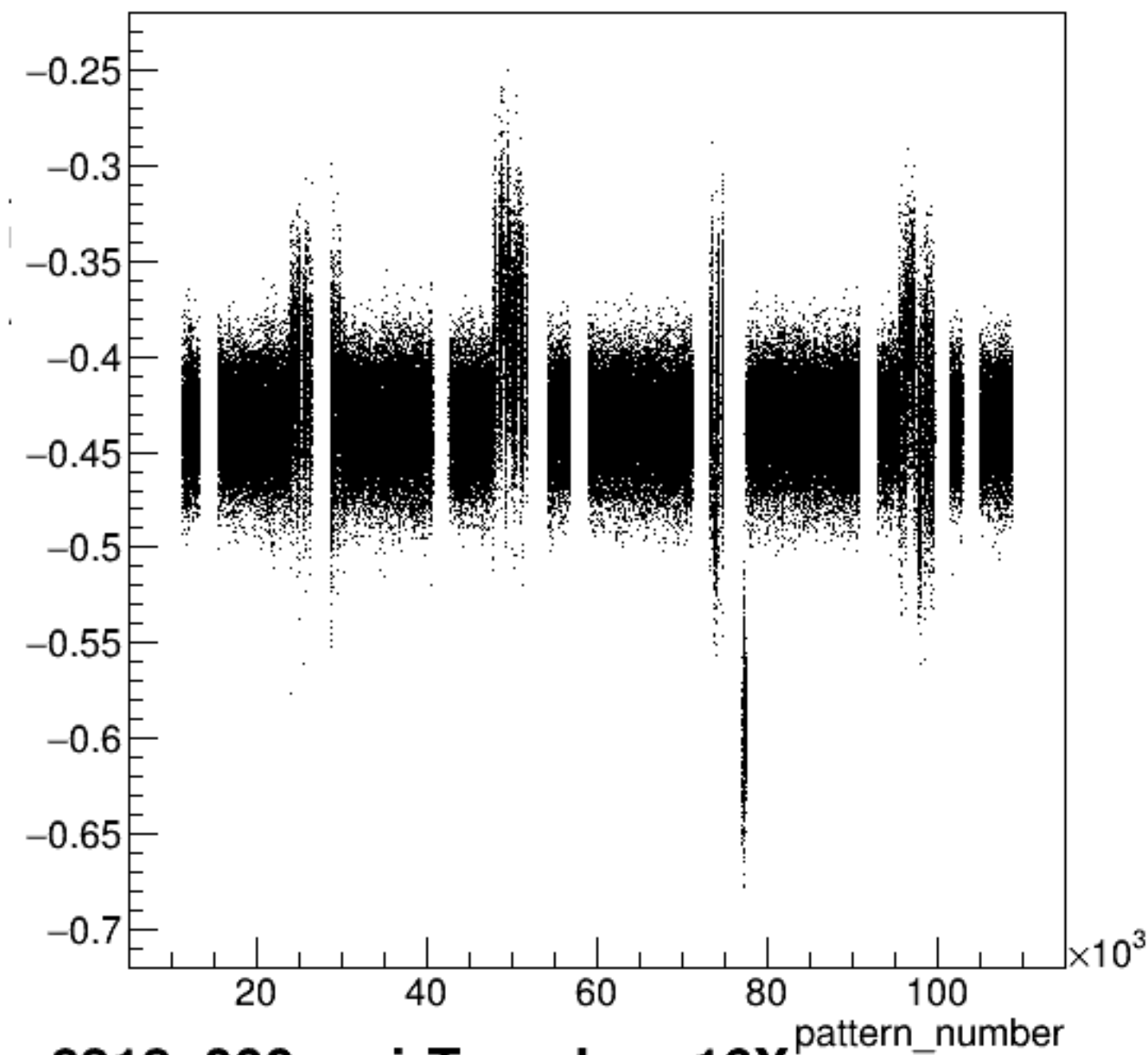






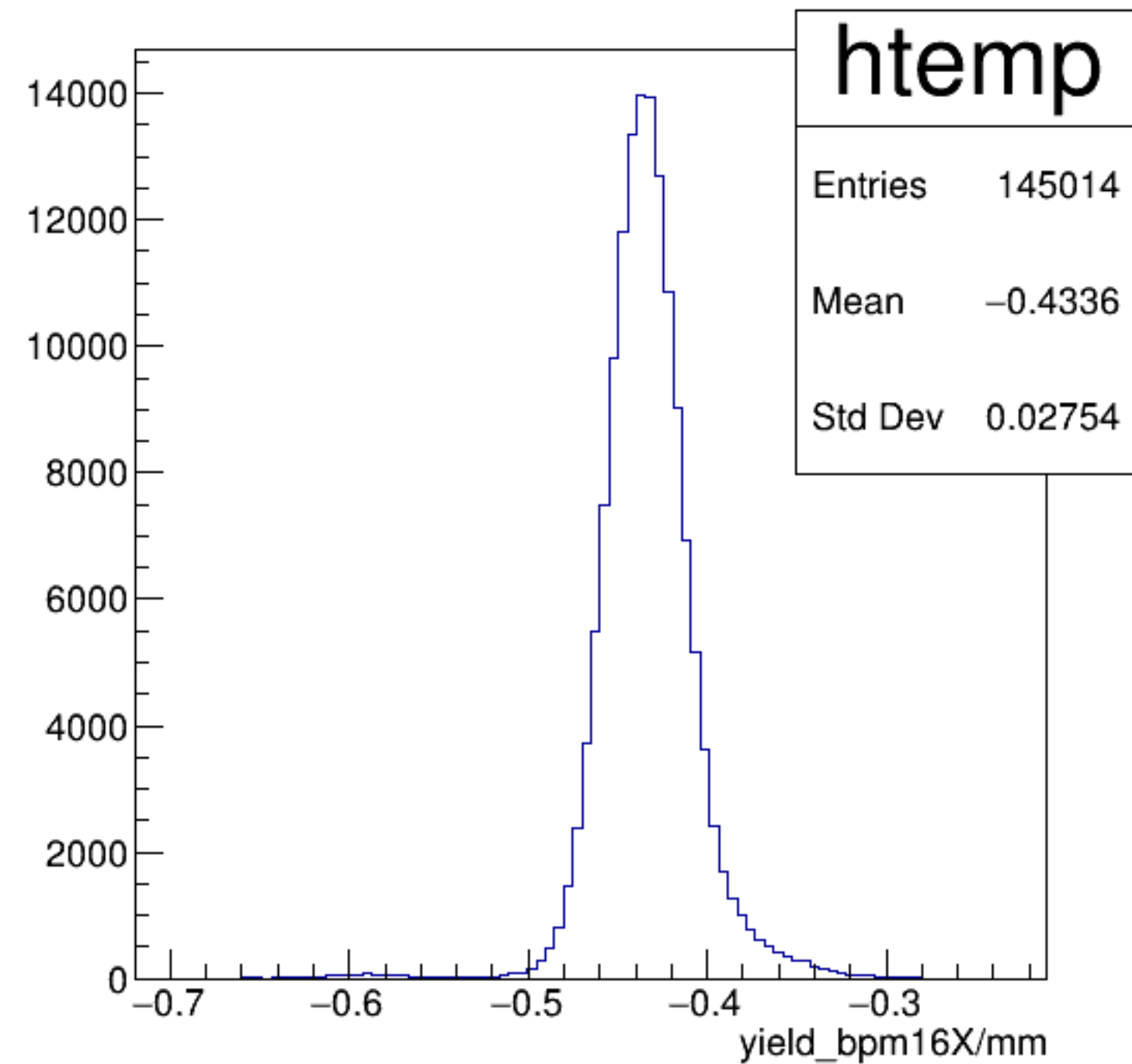


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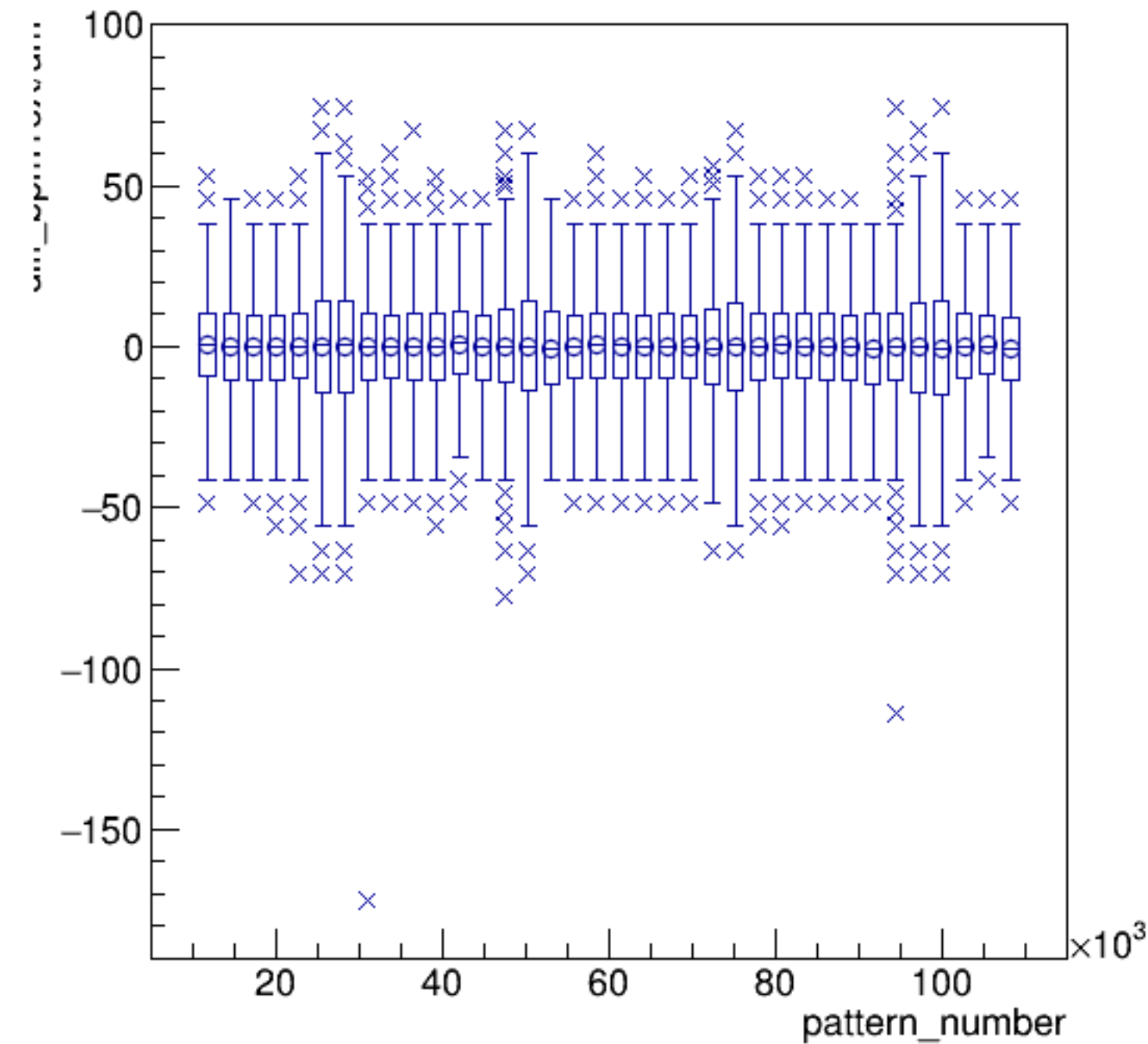


run6318_000_pairTree_bpm16X.png

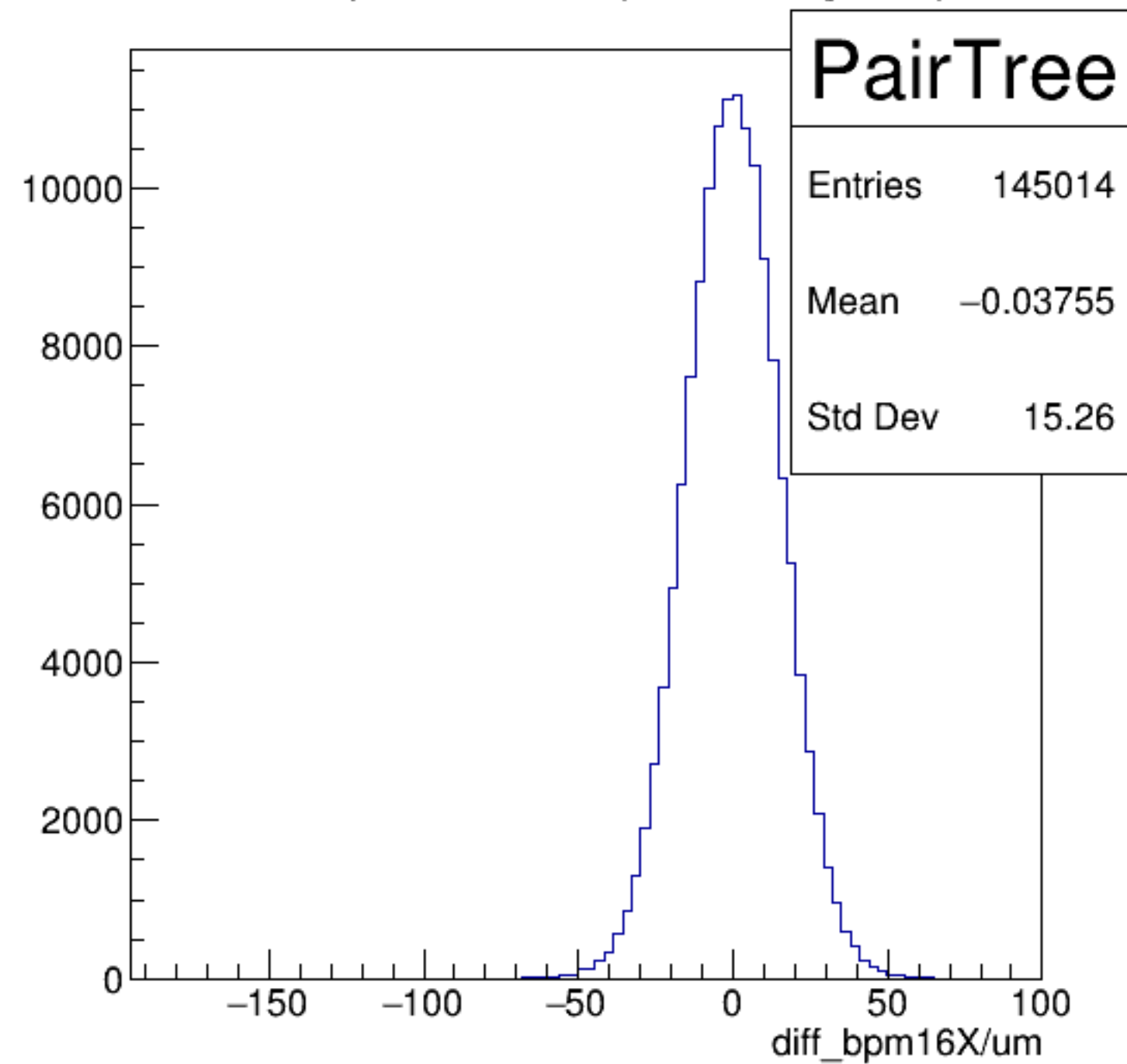
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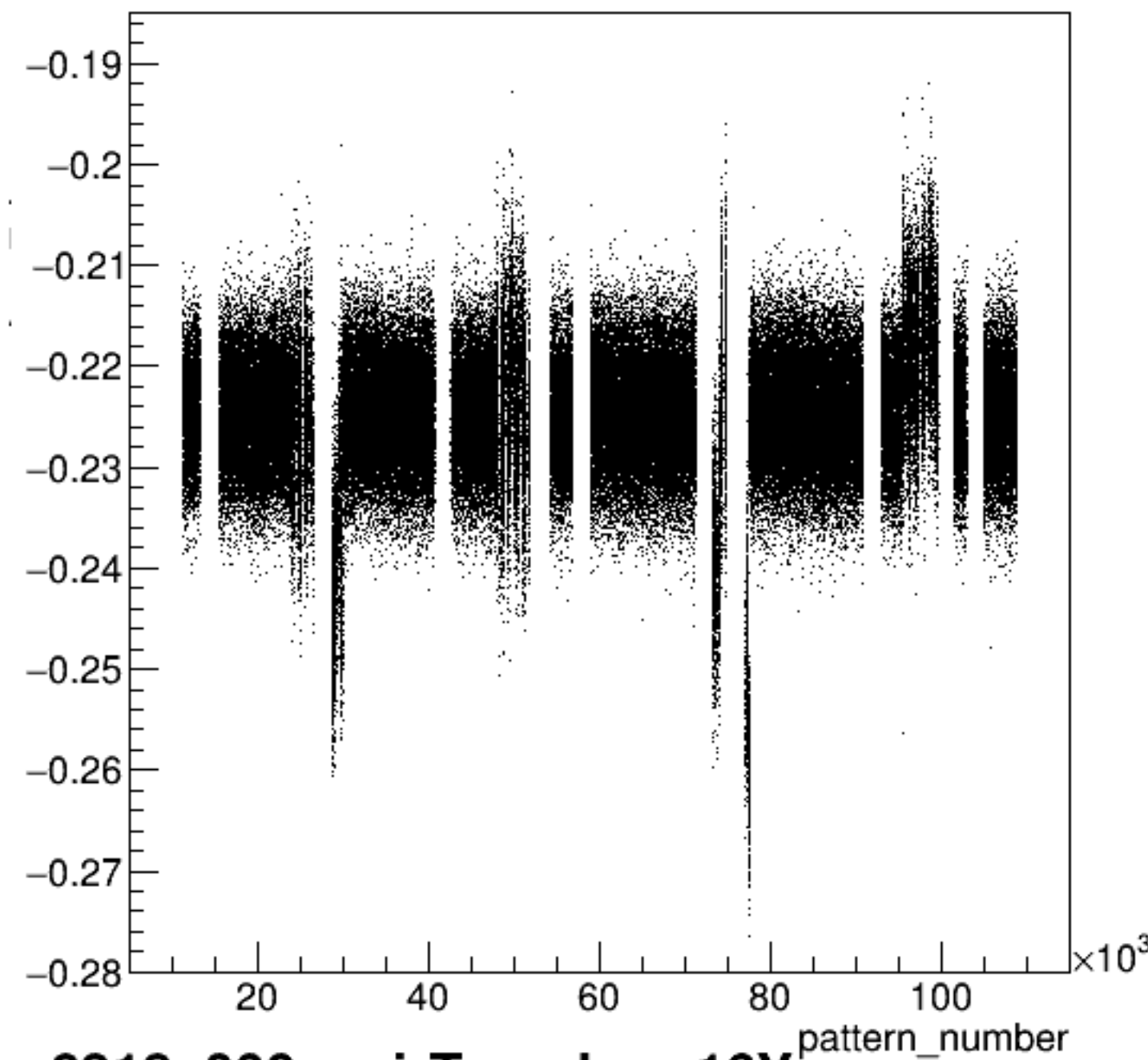
diff_bpm16X/um:pattern_number {ErrorFlag==0}



diff_bpm16X/um {ErrorFlag==0}

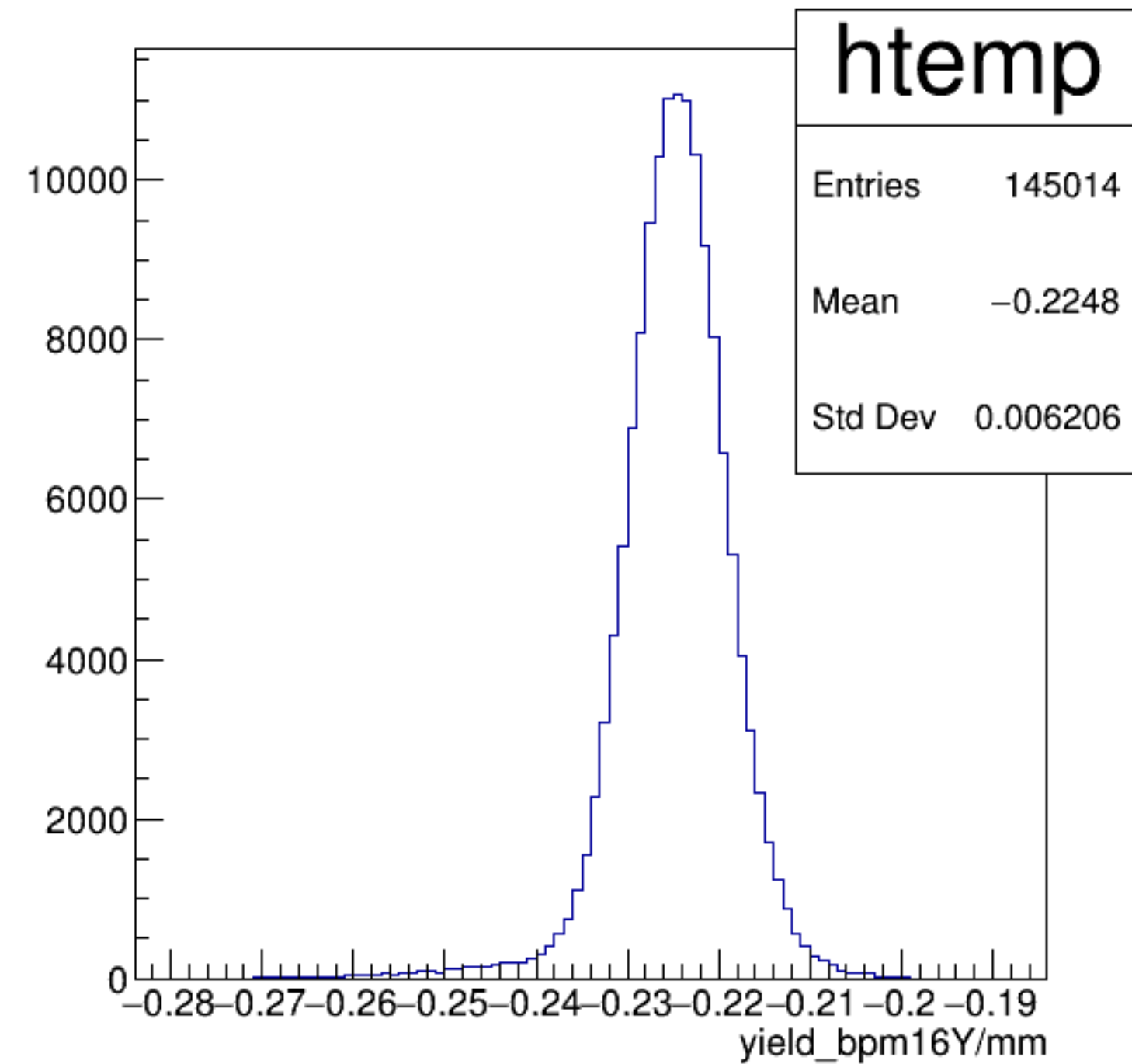


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

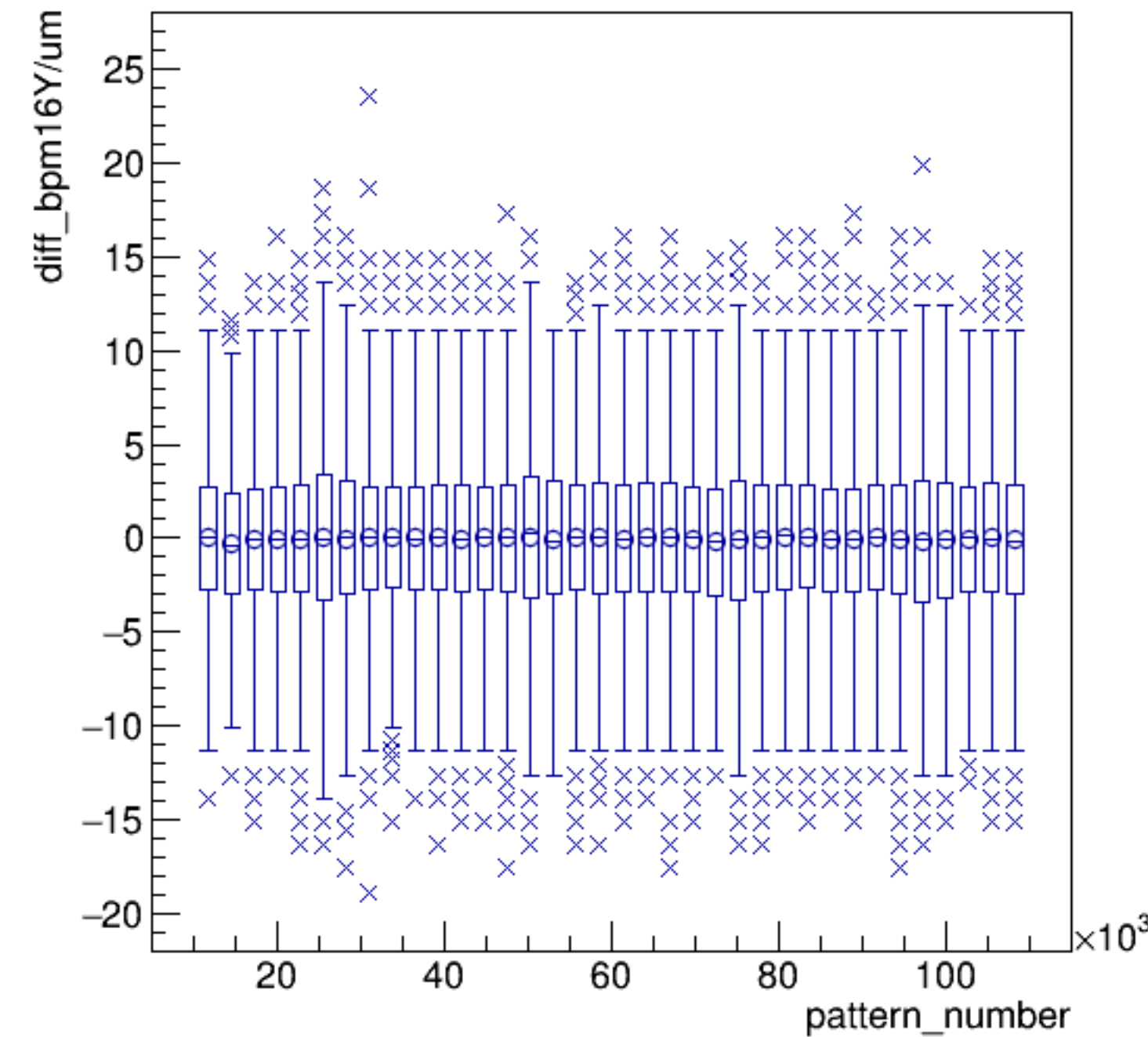


run6318_000_pairTree_bpm16Y.png

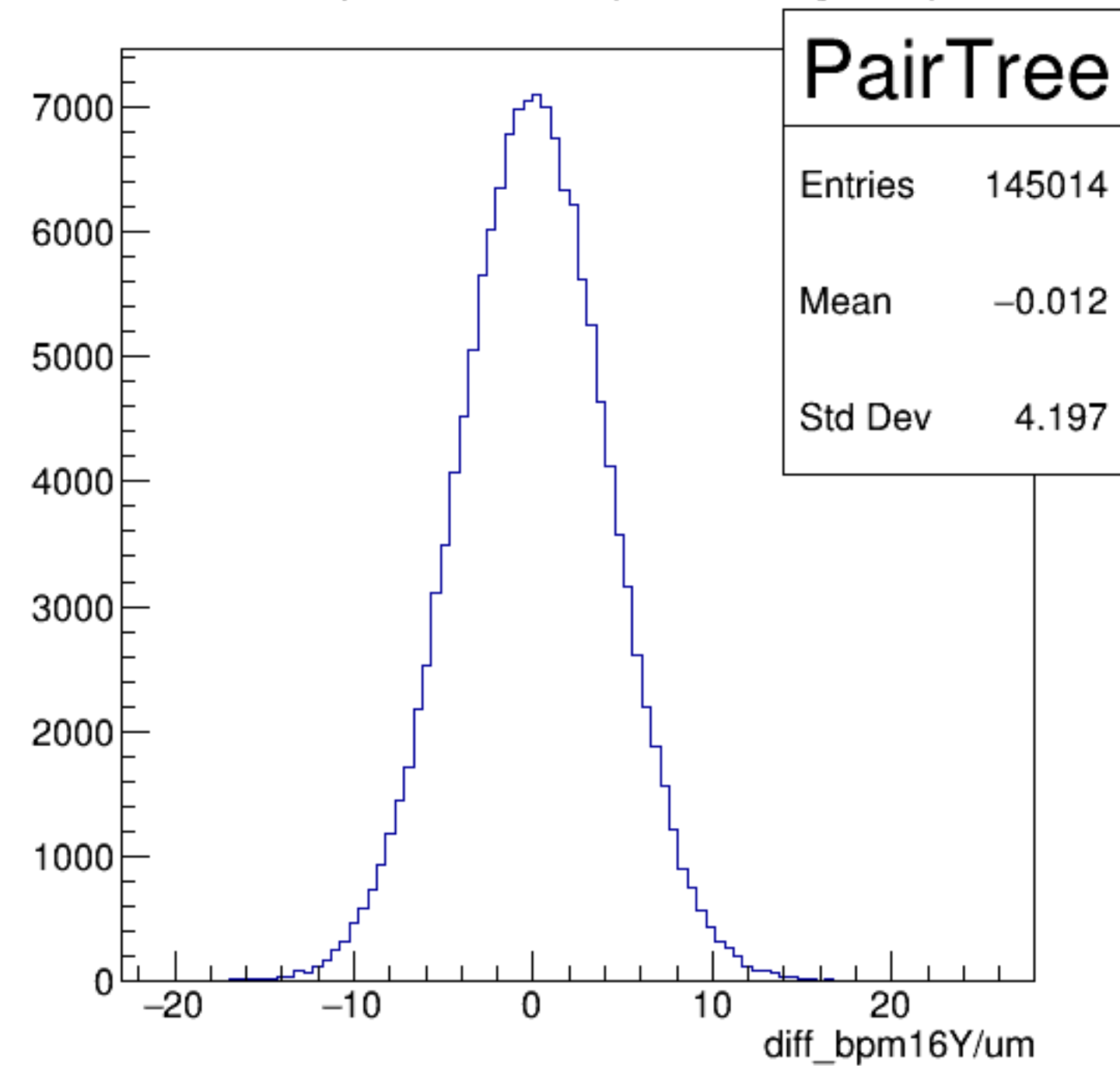
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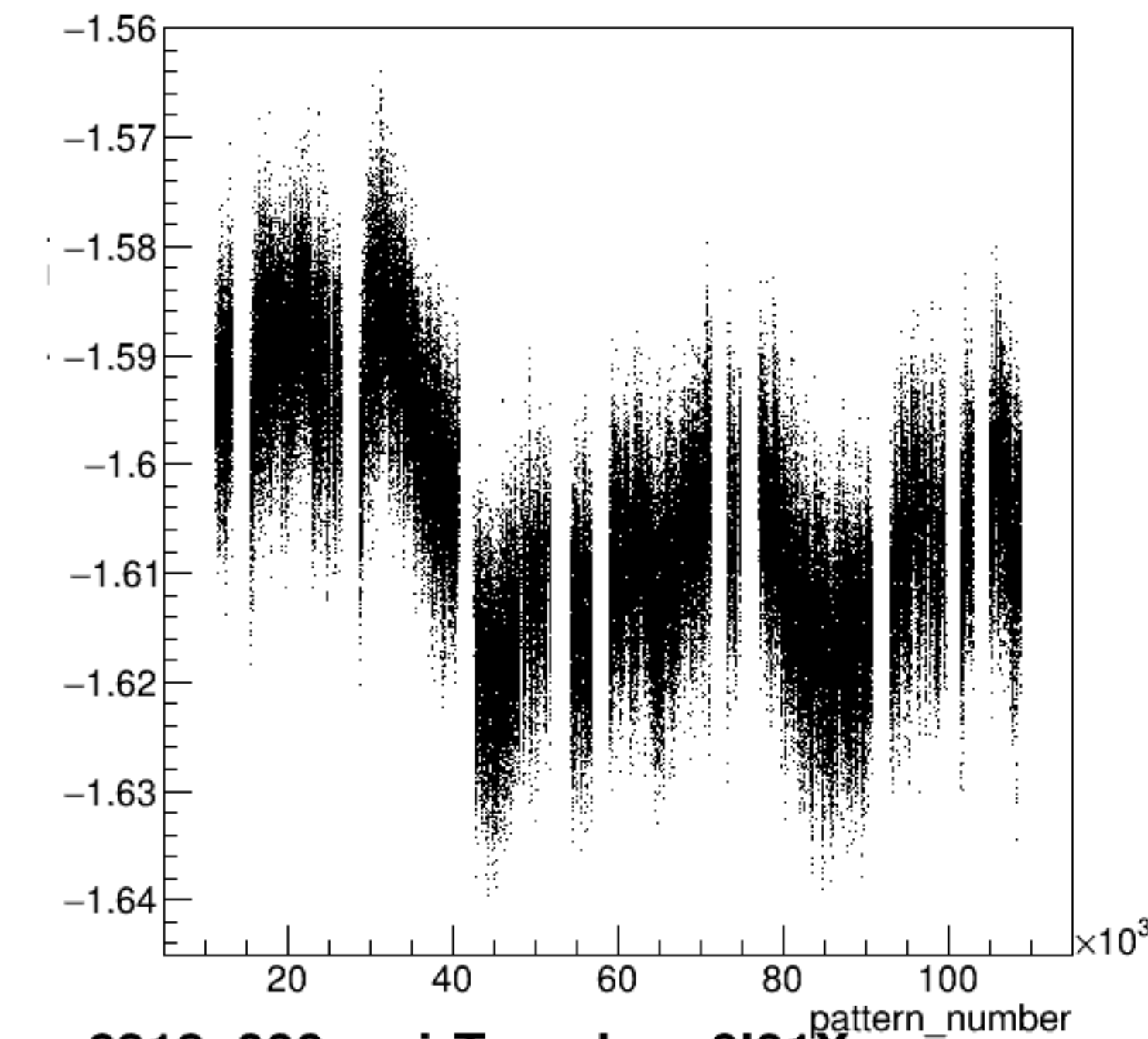
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



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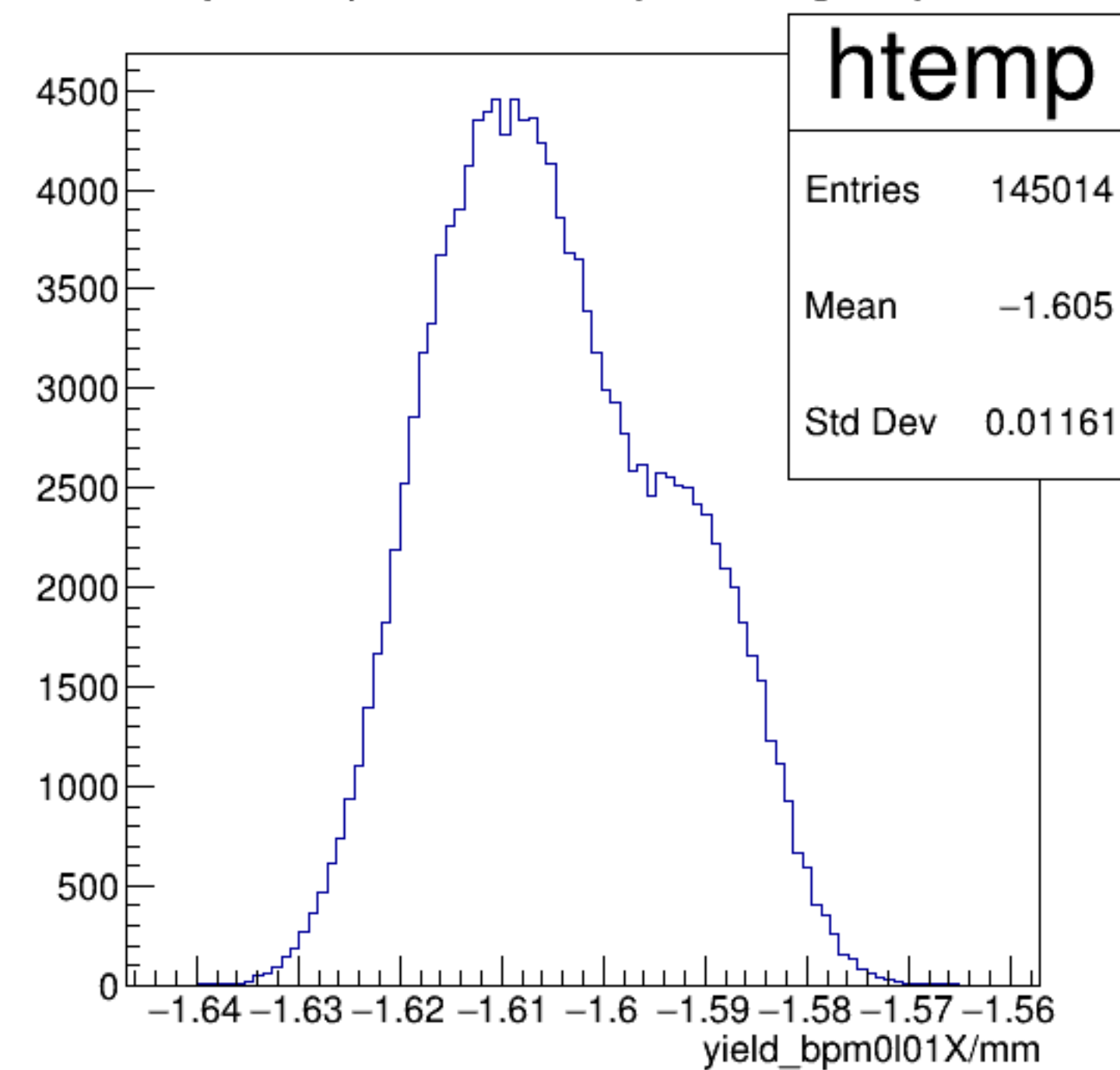


yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}

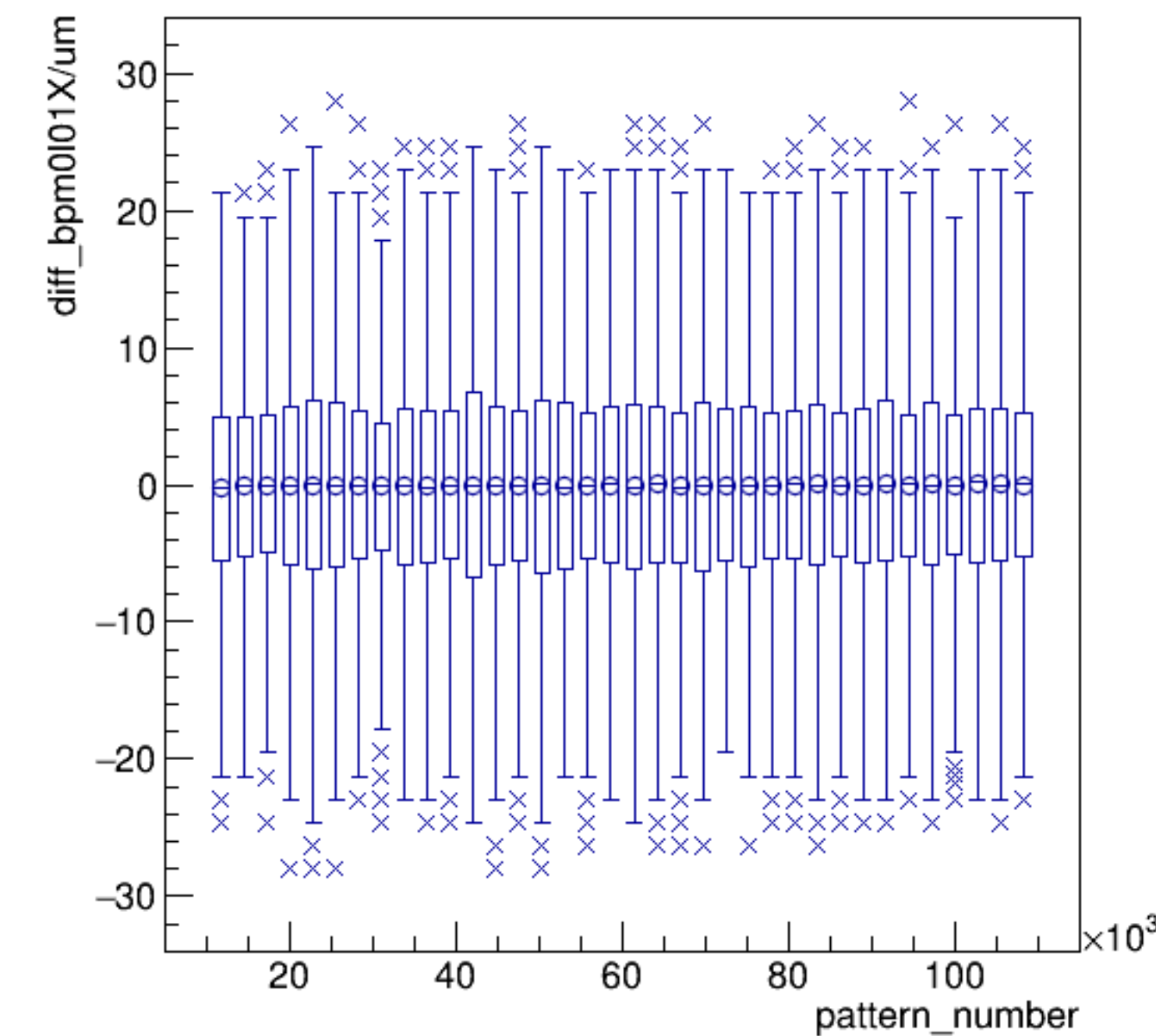


run6318_000_pairTree_bpm0l01X.png

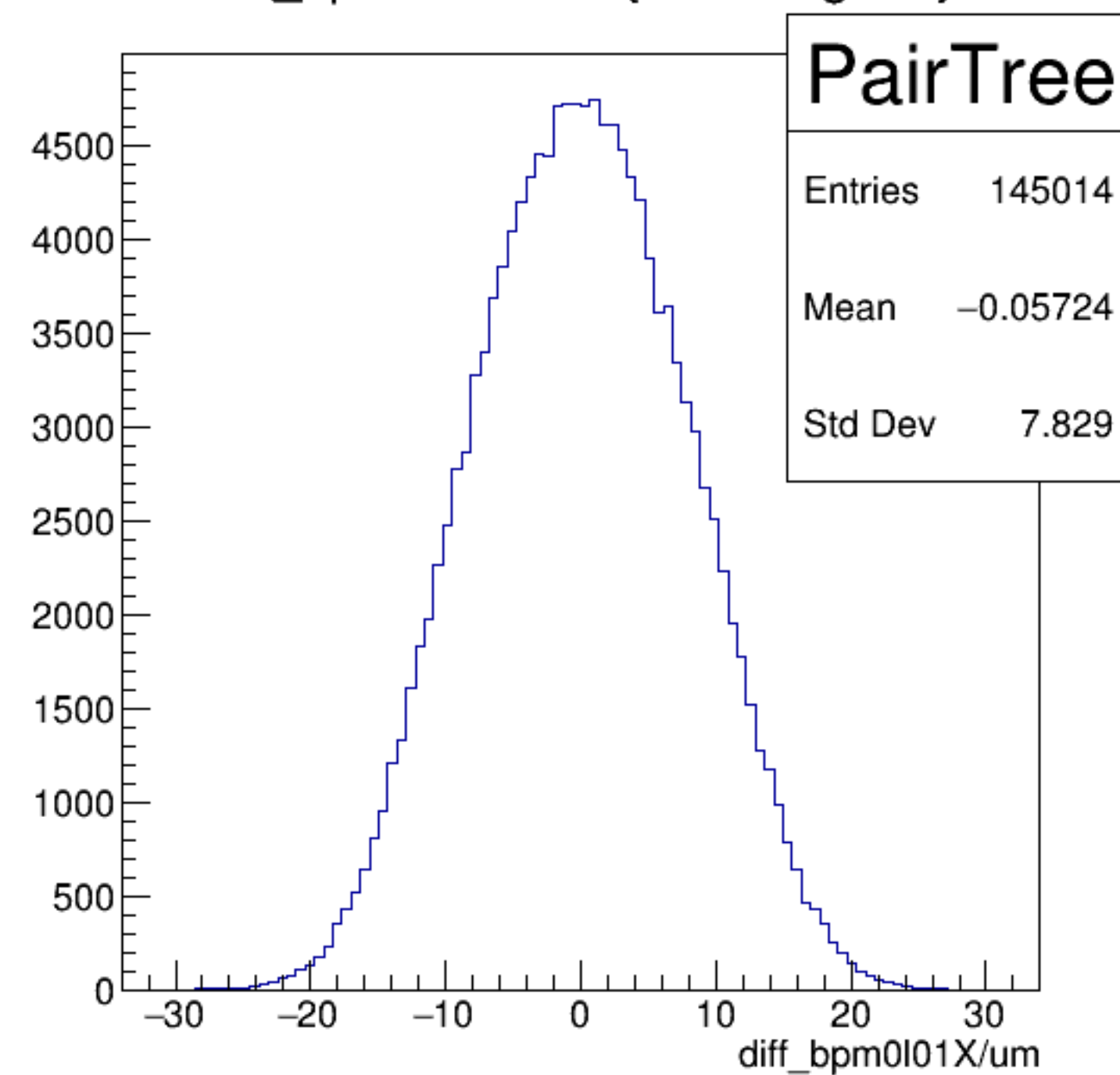
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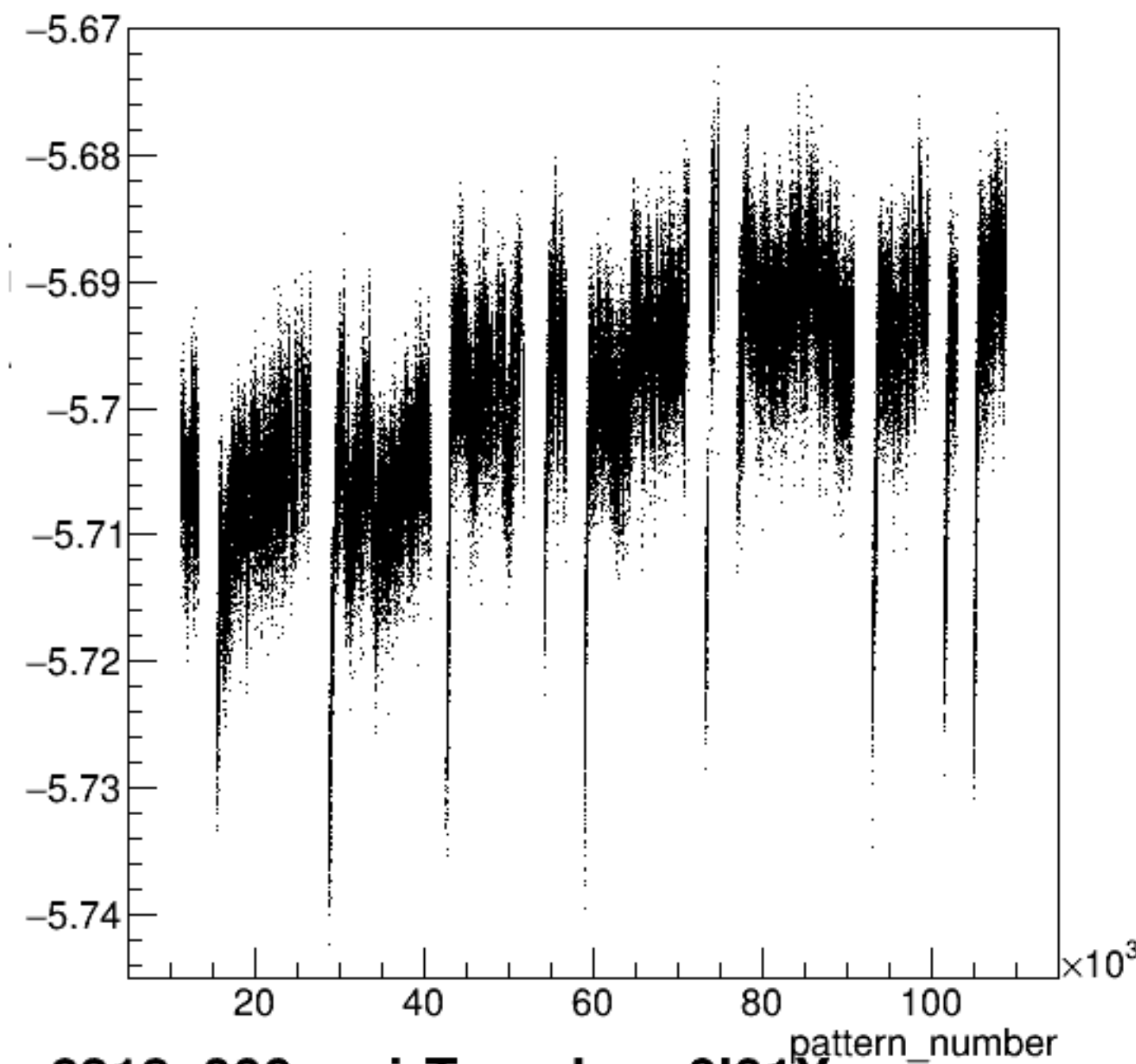
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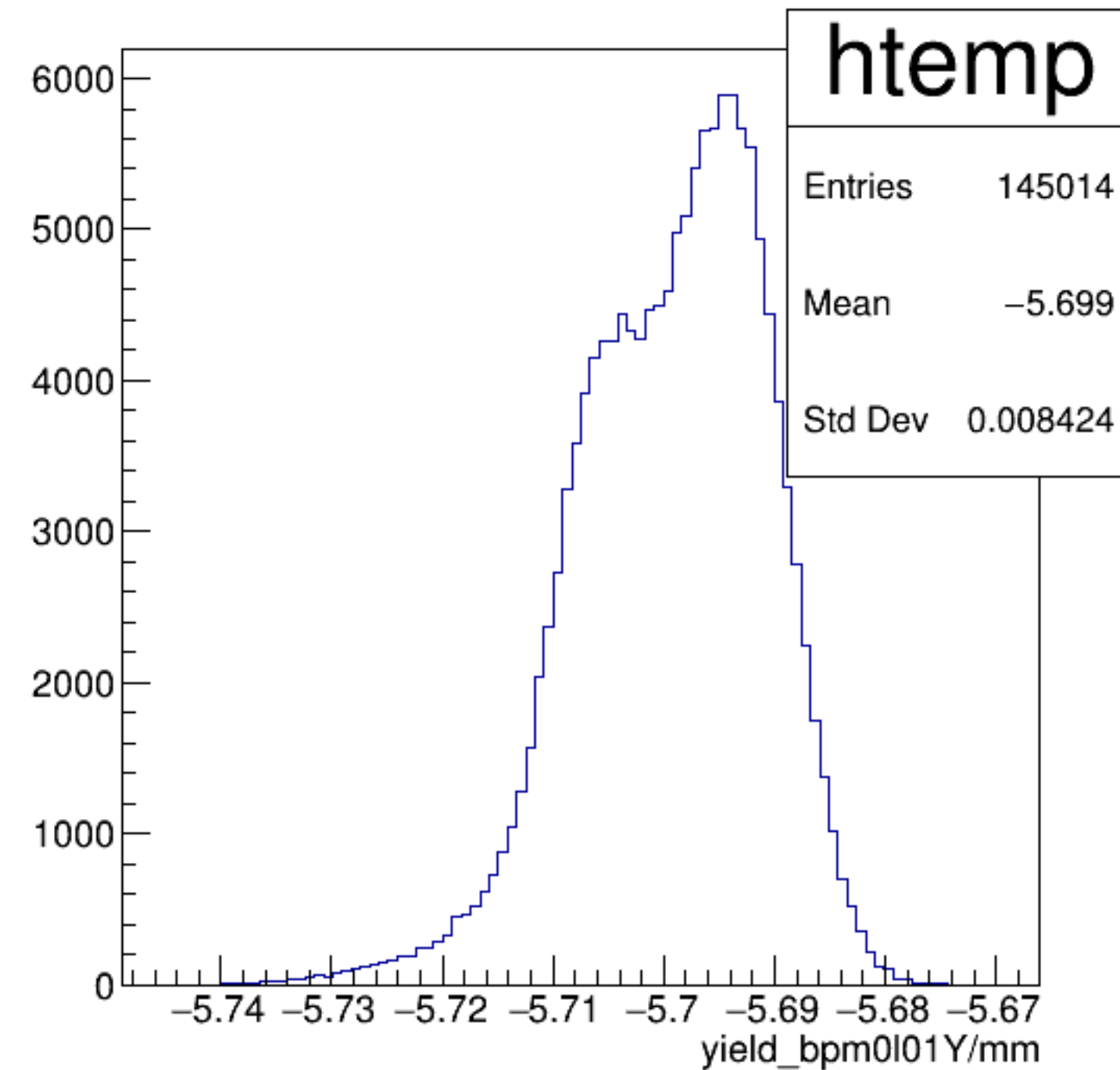
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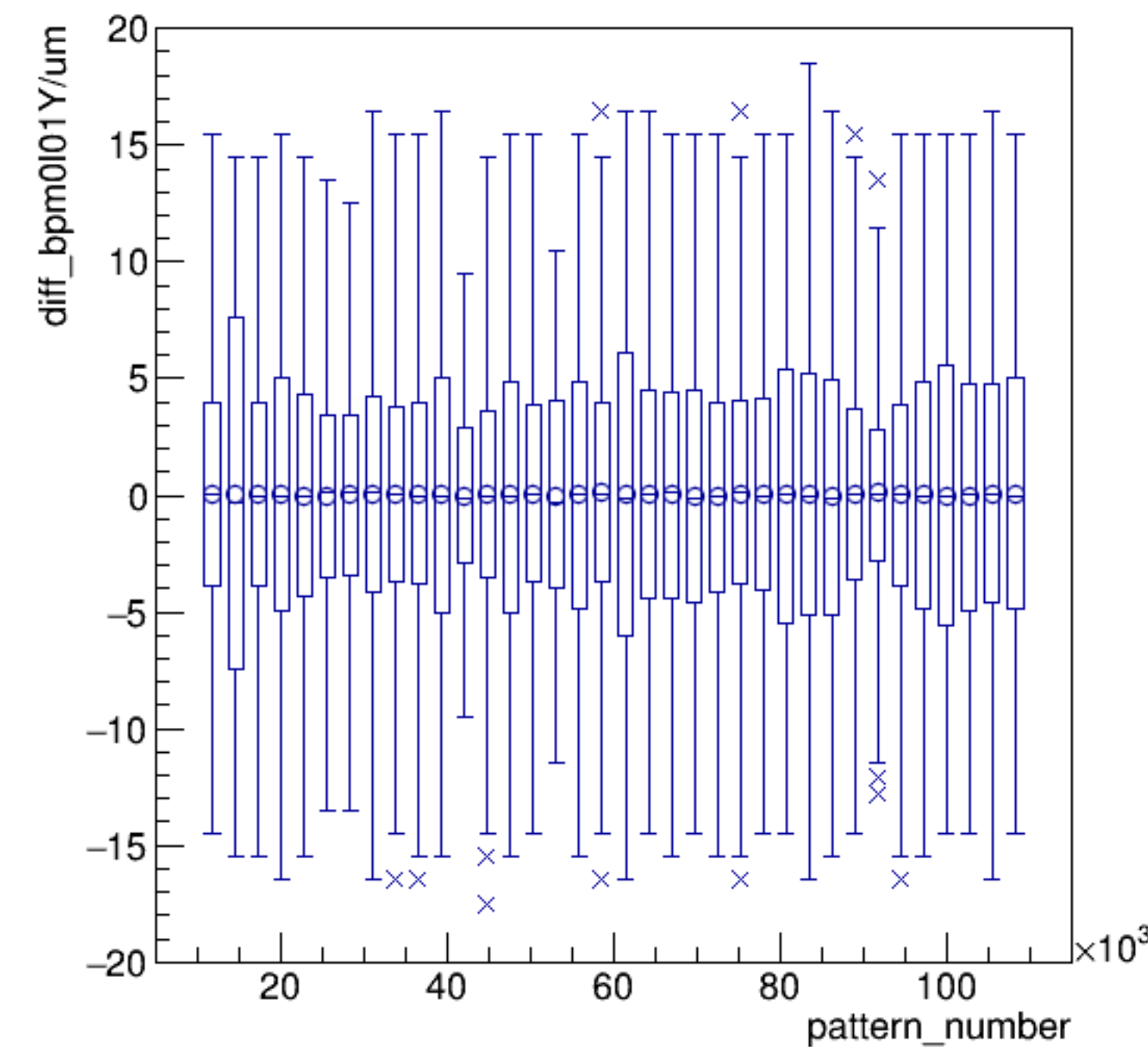
yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}



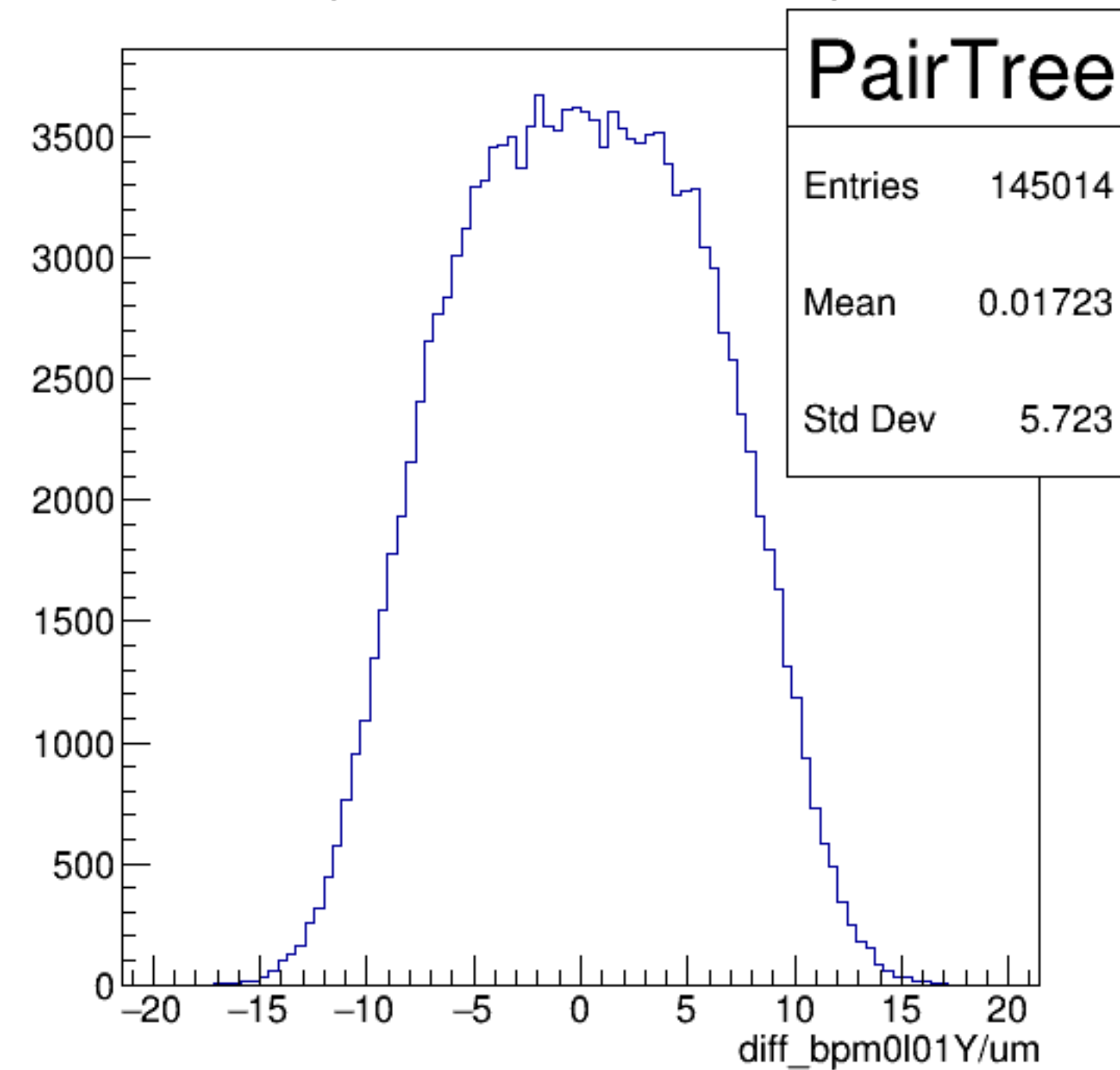
yield_bpm0l01Y/mm {ErrorFlag==0}



diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}



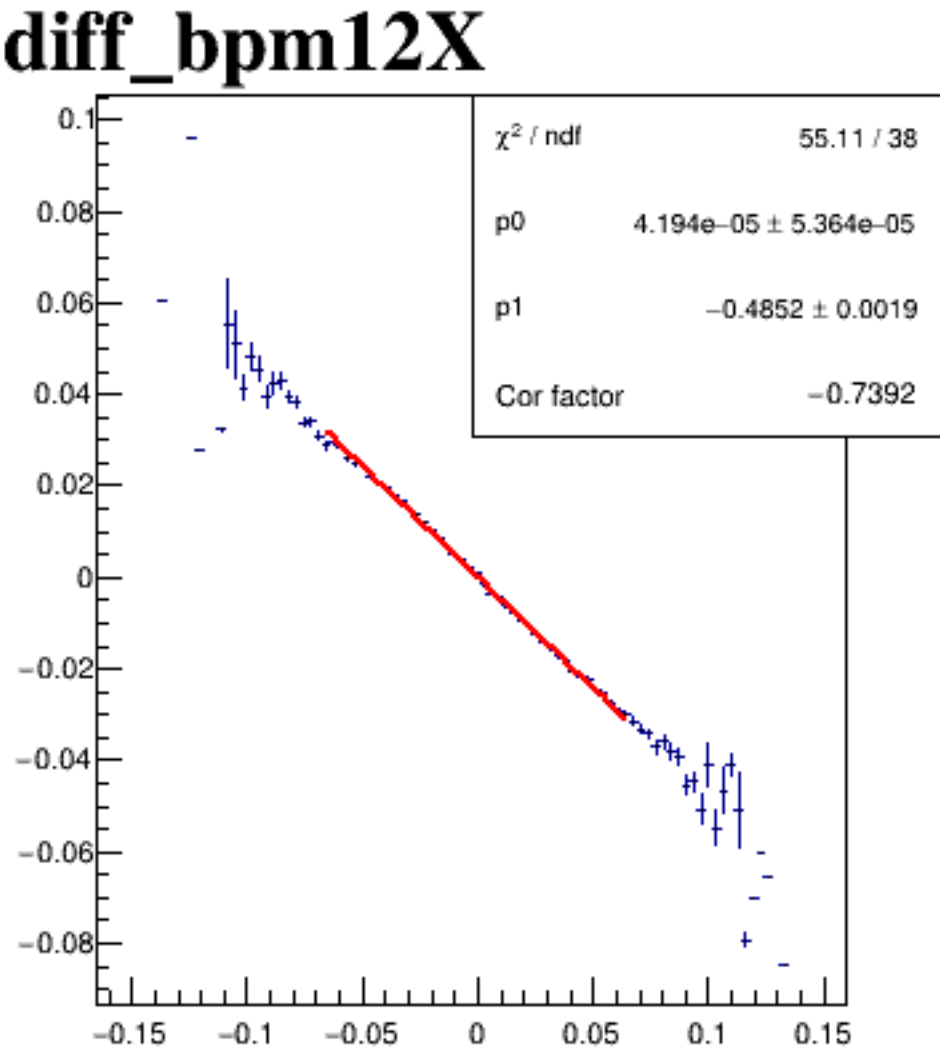
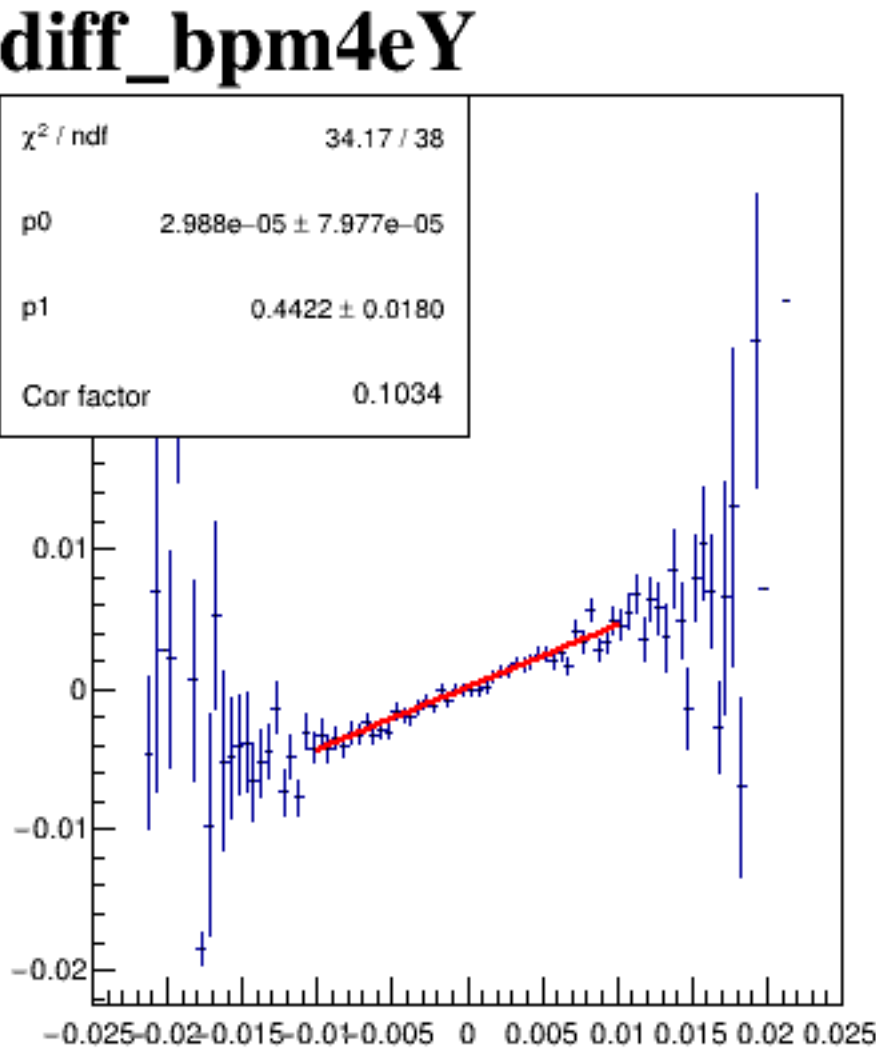
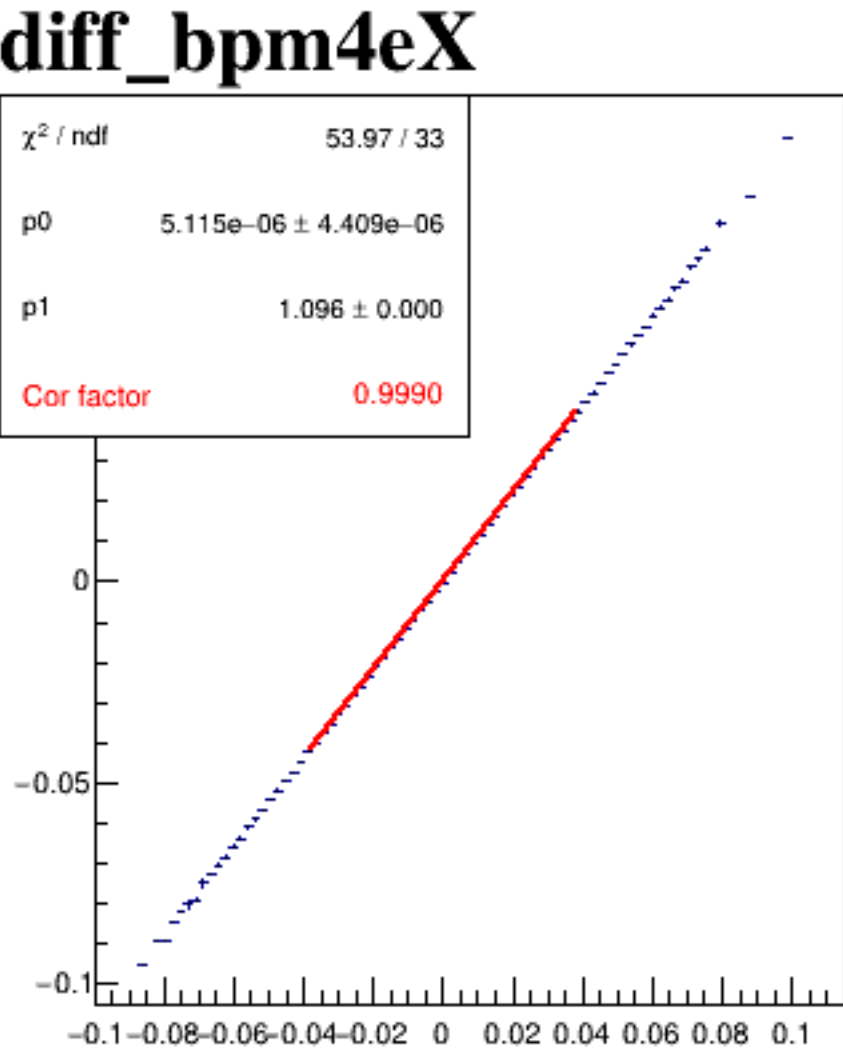
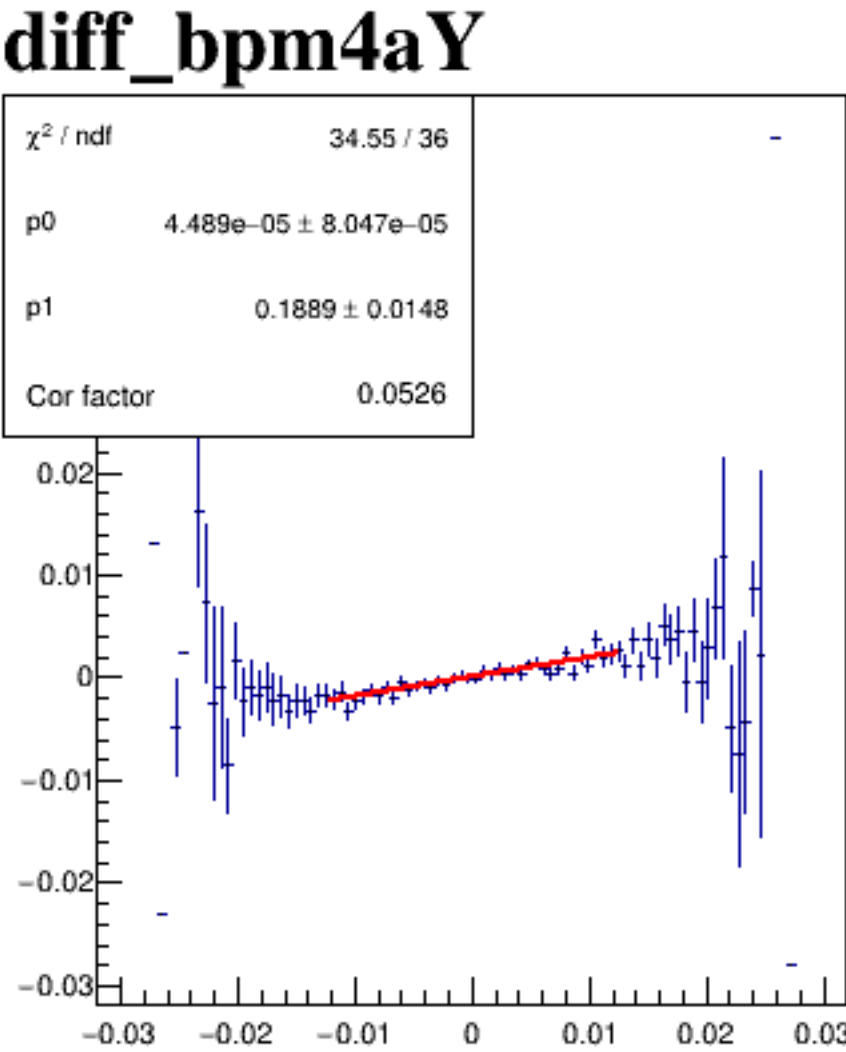
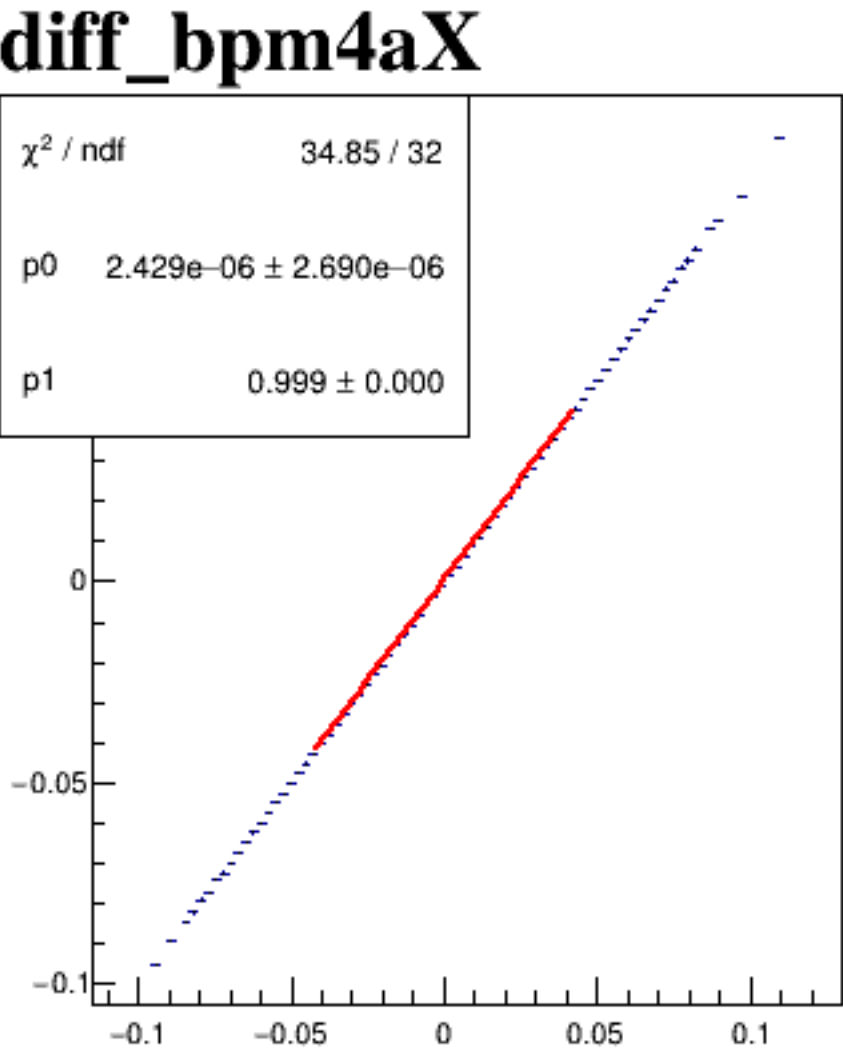
diff_bpm0l01Y/um {ErrorFlag==0}



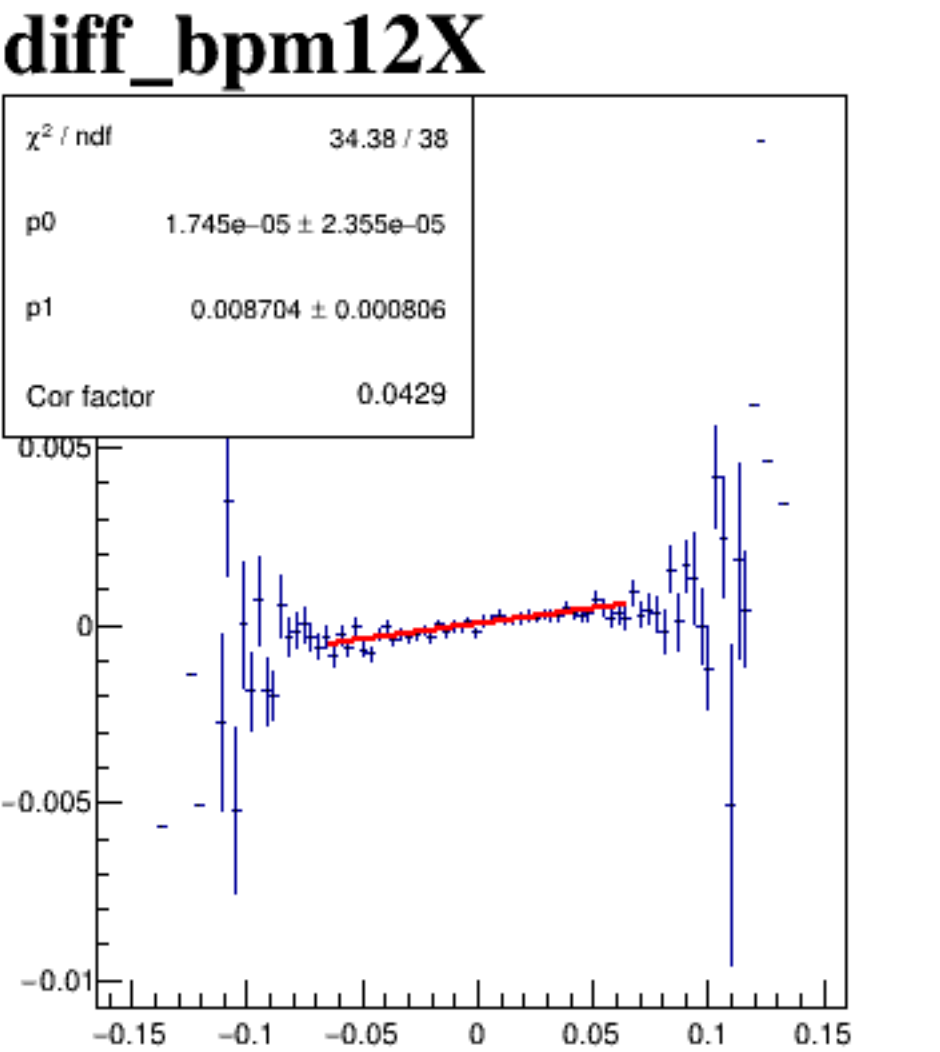
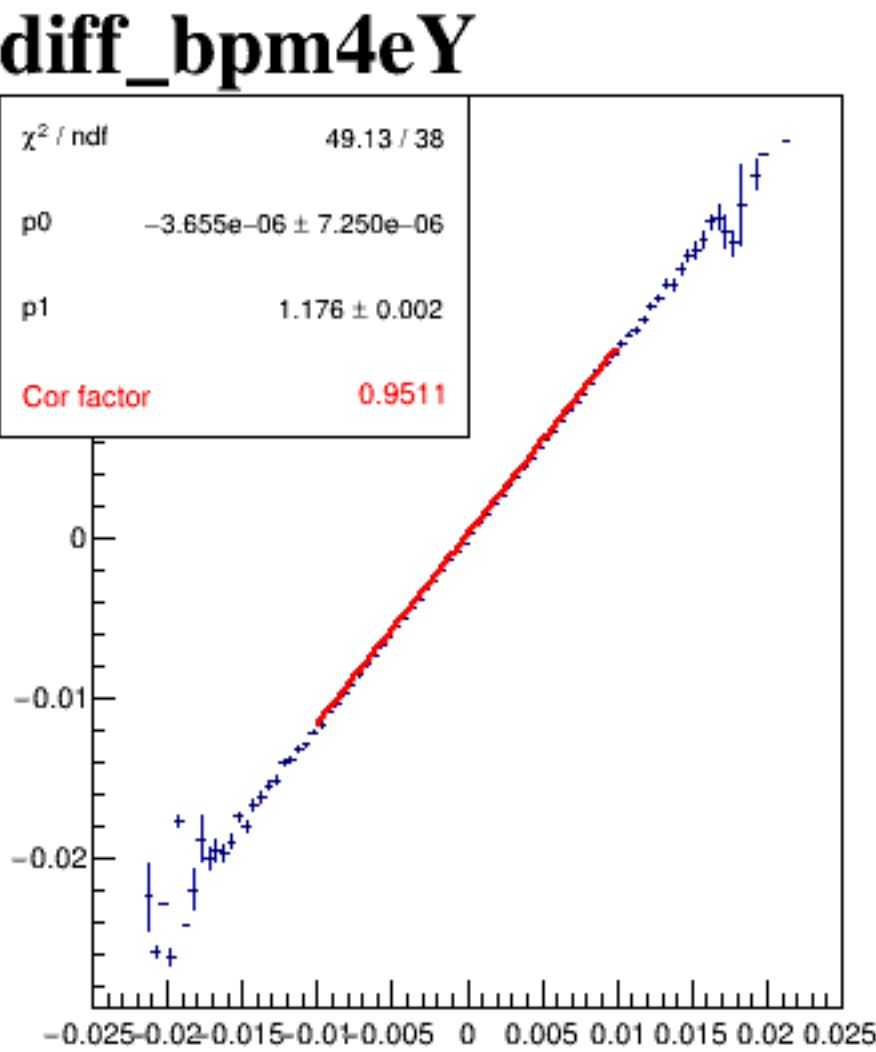
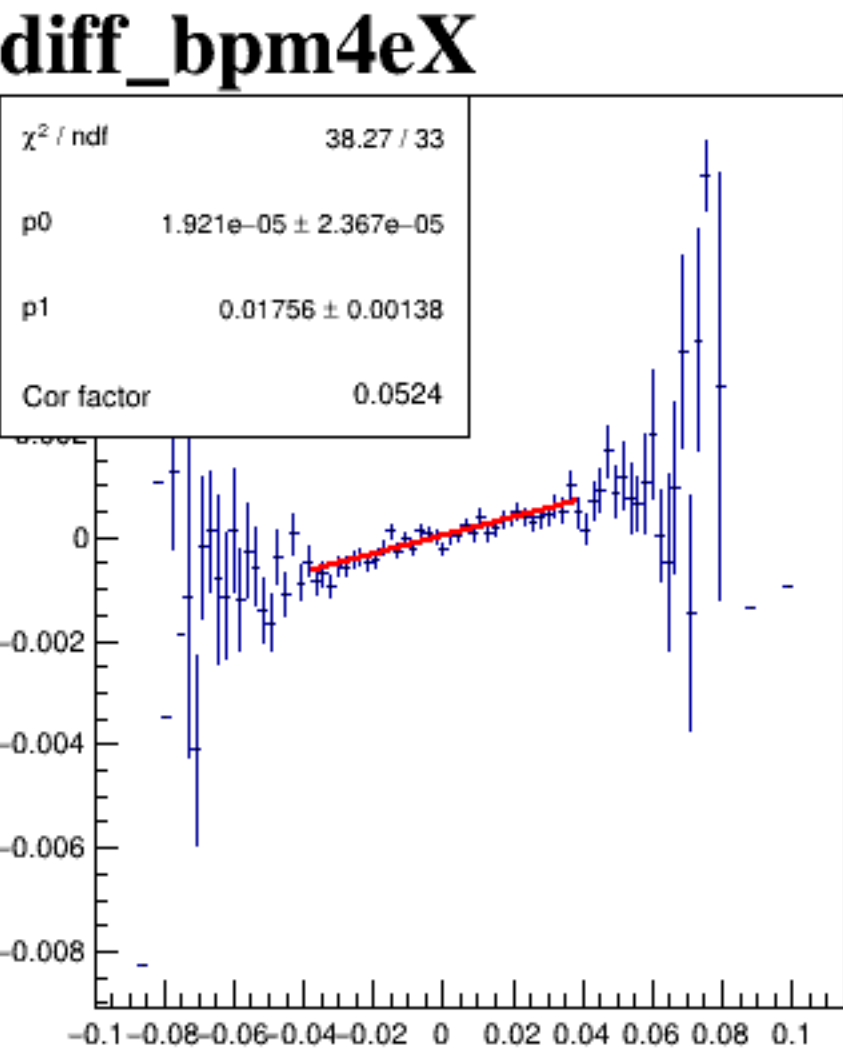
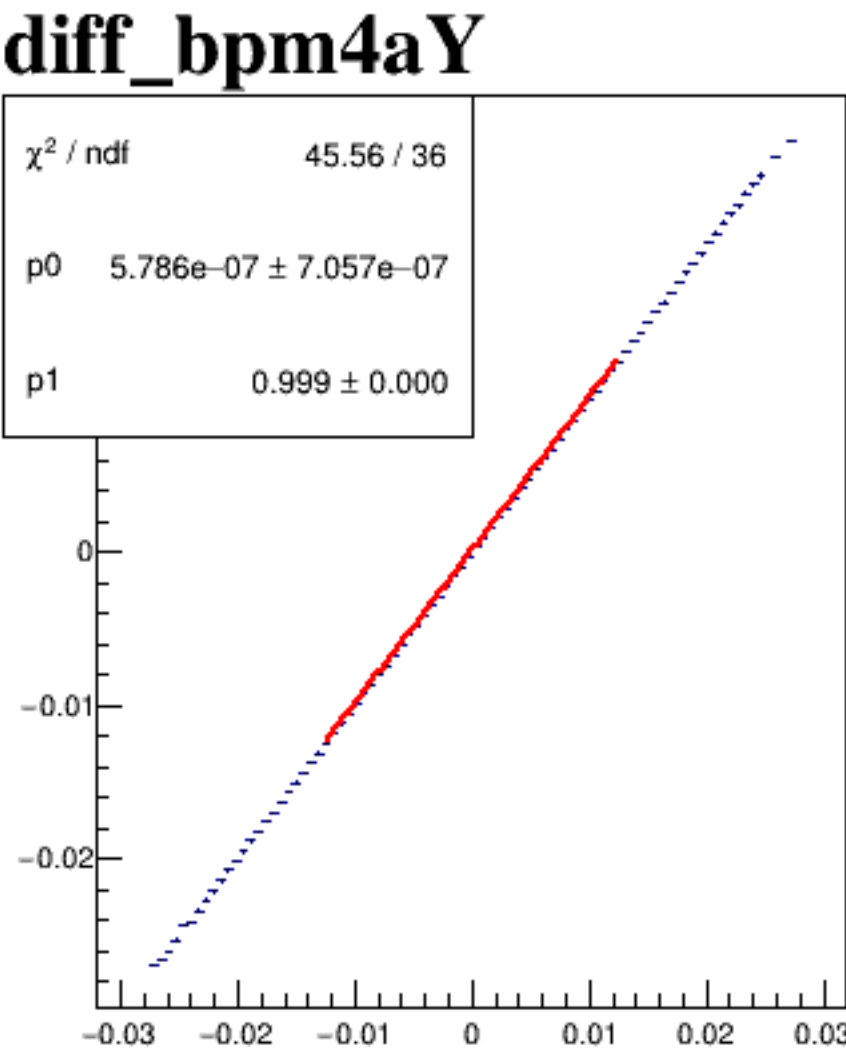
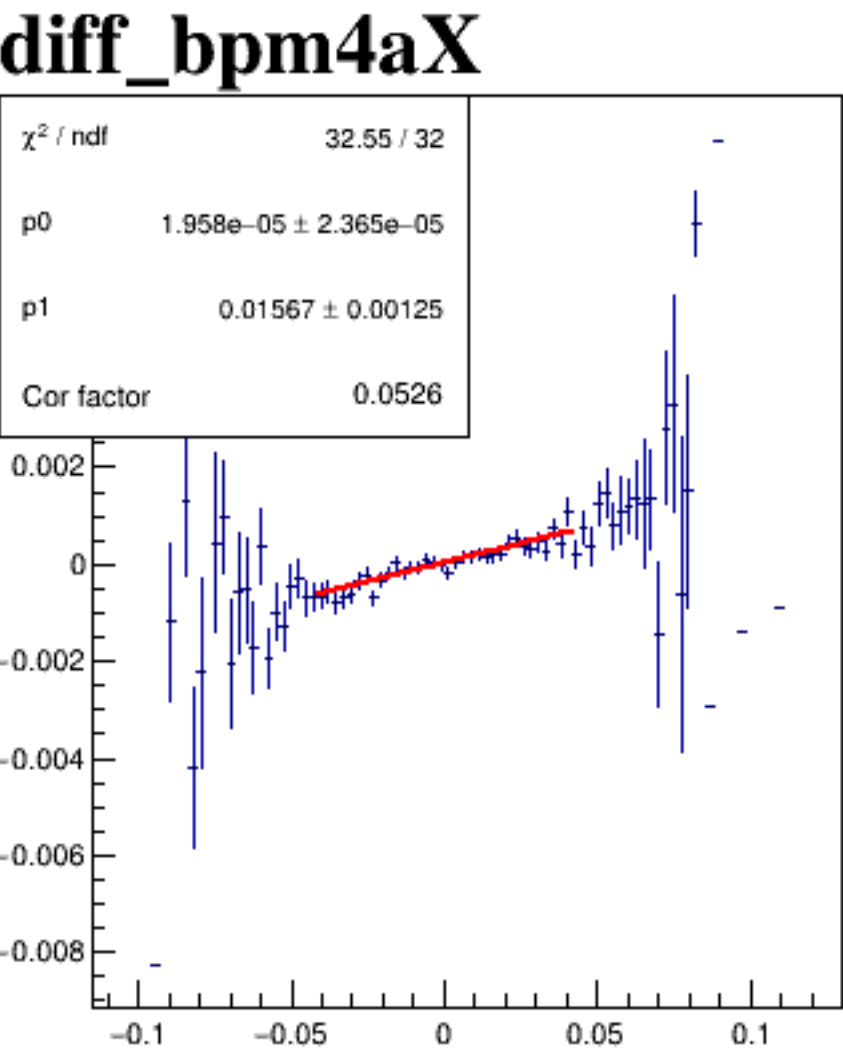
A scatter plot titled "diff_bpm12X" showing a strong positive linear correlation between two variables. The data points are colored in a gradient from blue (low values) to yellow (high values). The axes range from -0.15 to 0.15.

run6318_000_diff_bpm_mutual_correlation_COLZ_default.png

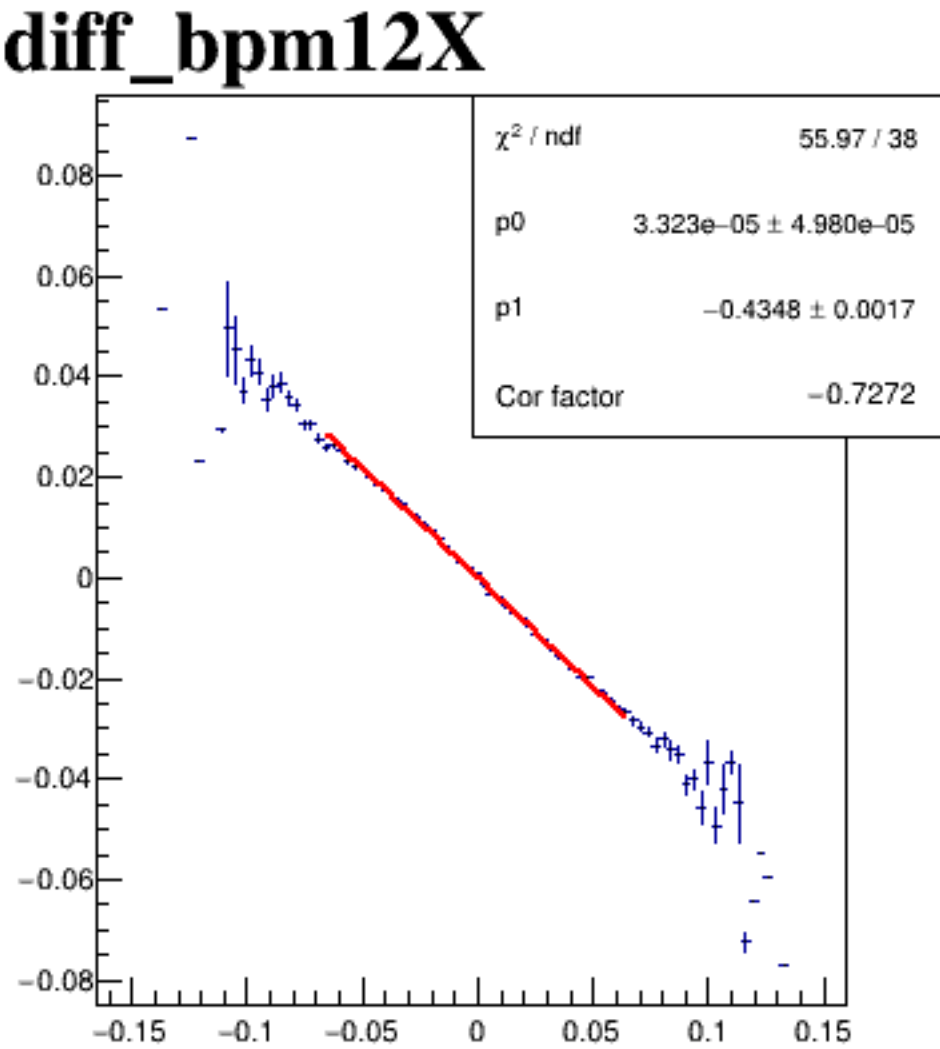
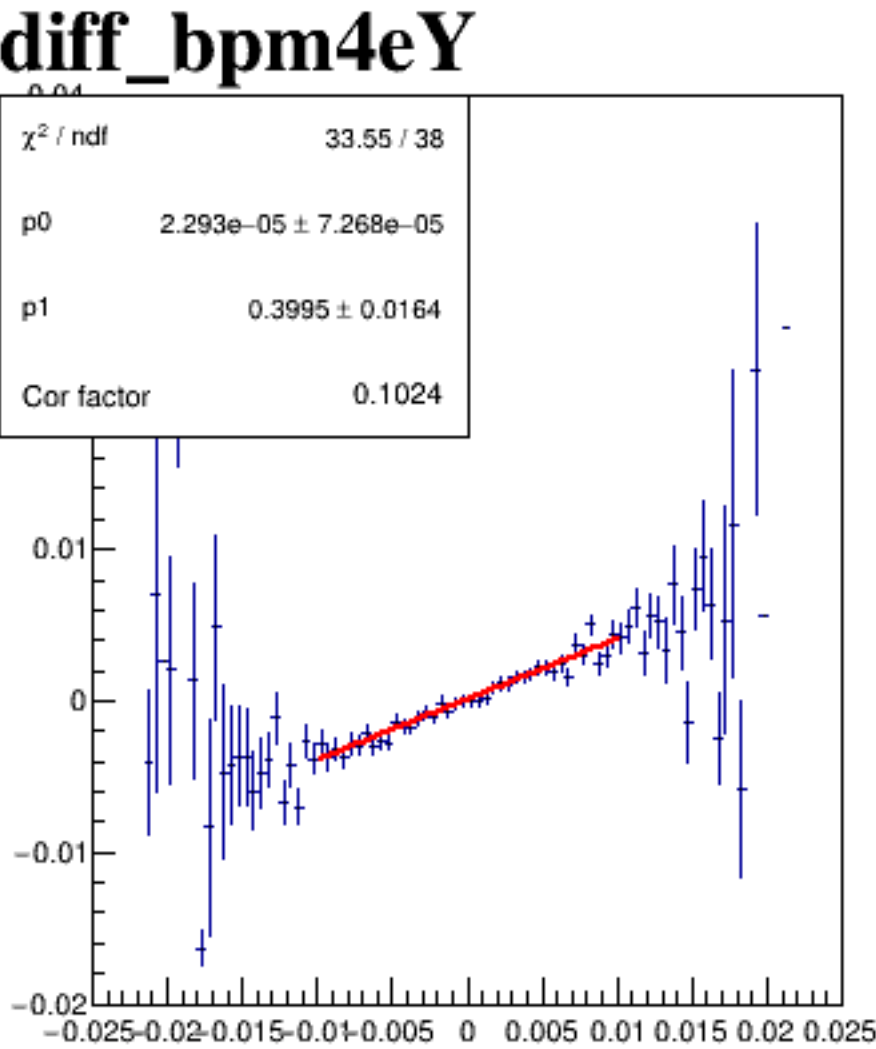
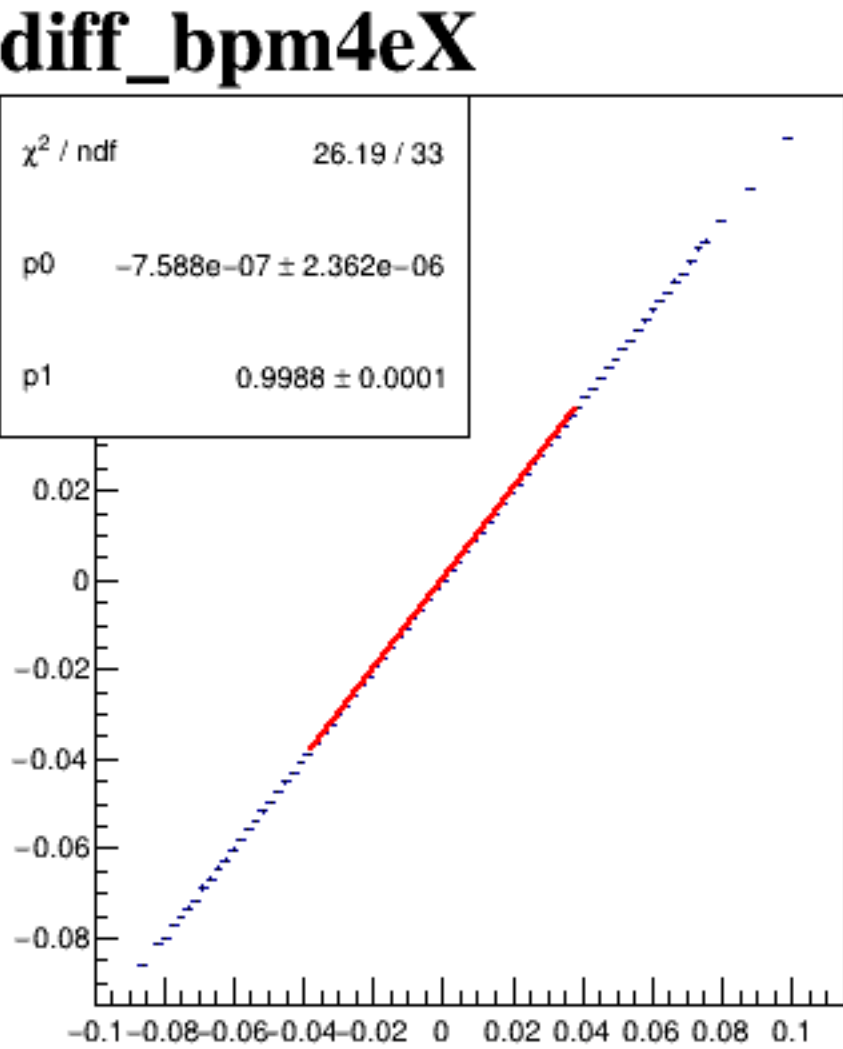
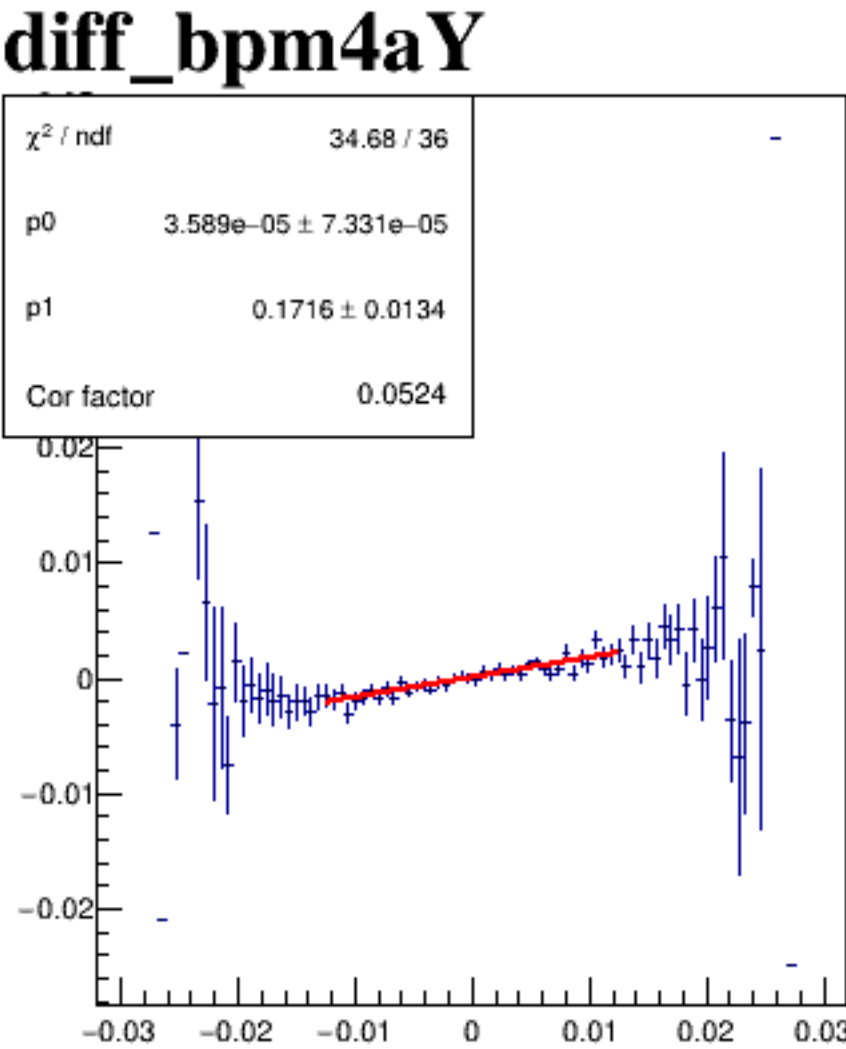
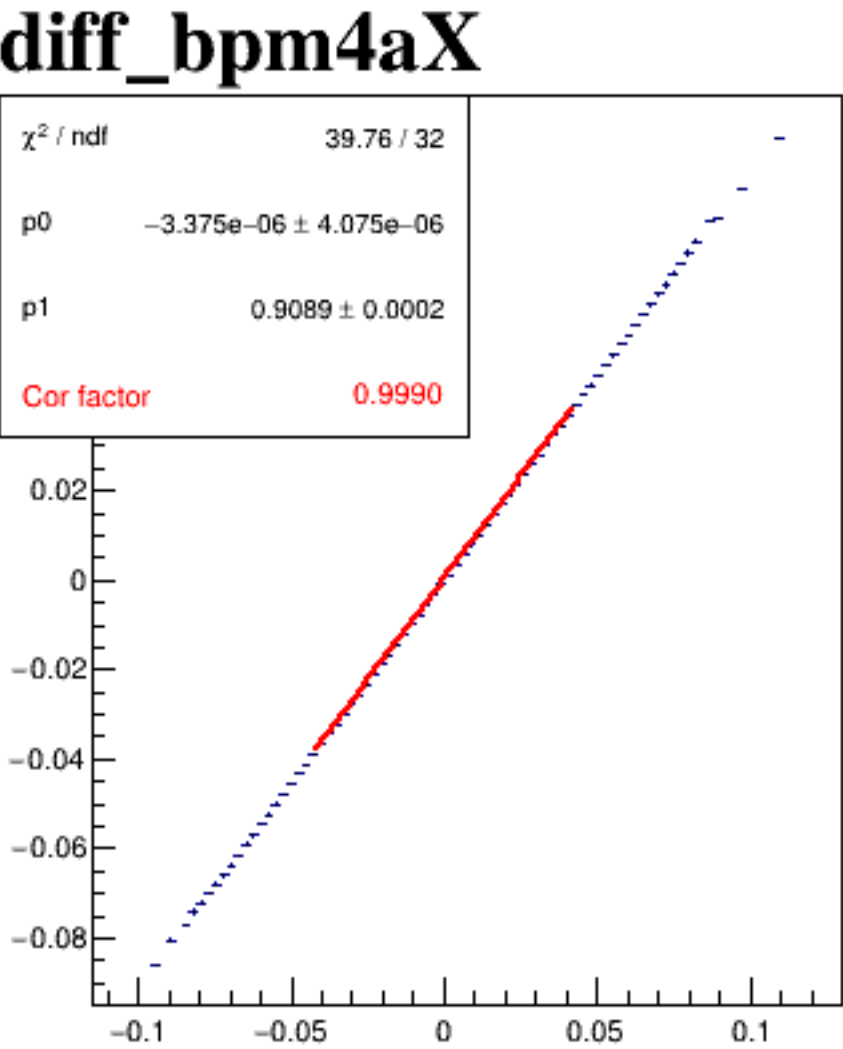
diff_bpm4aX



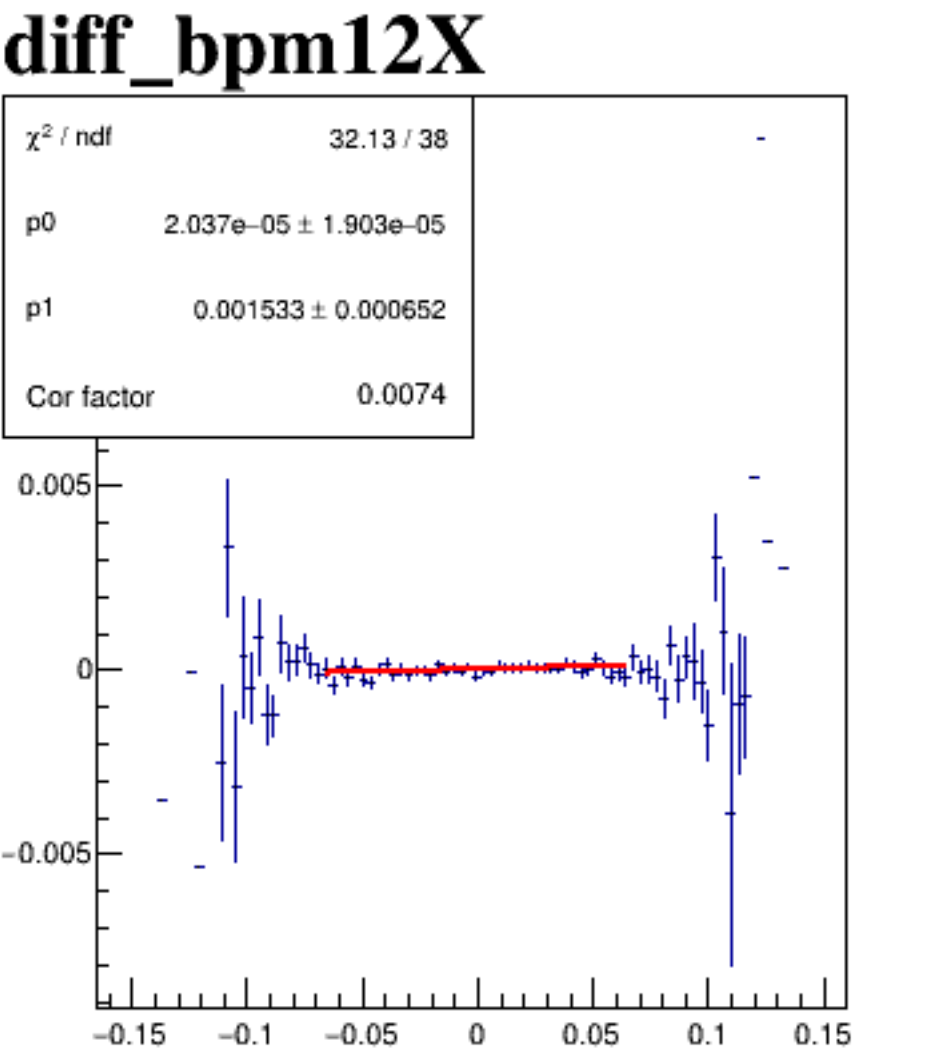
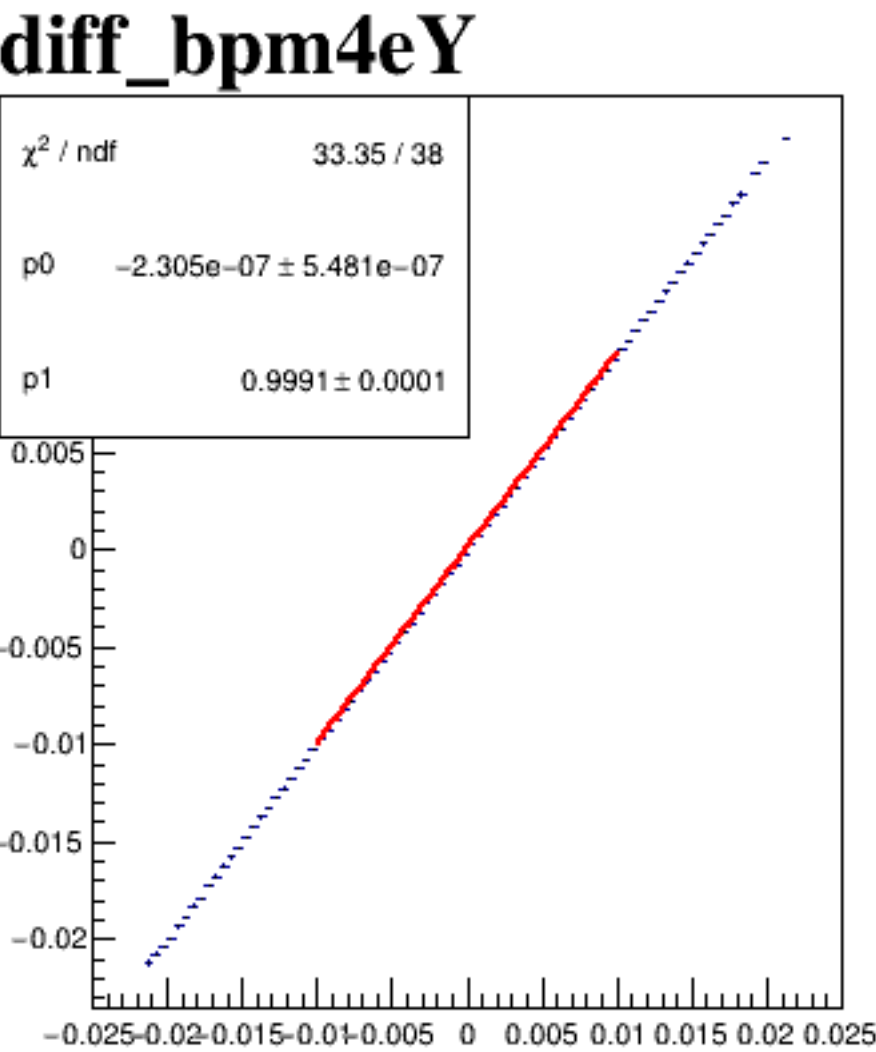
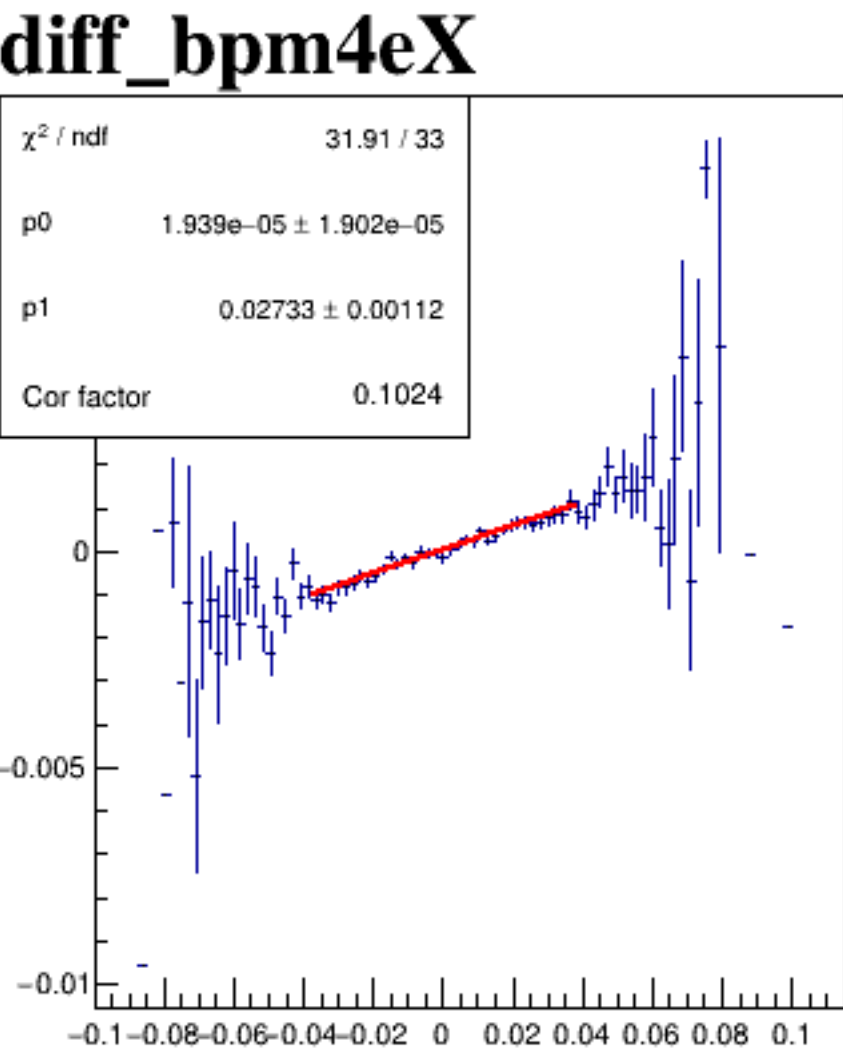
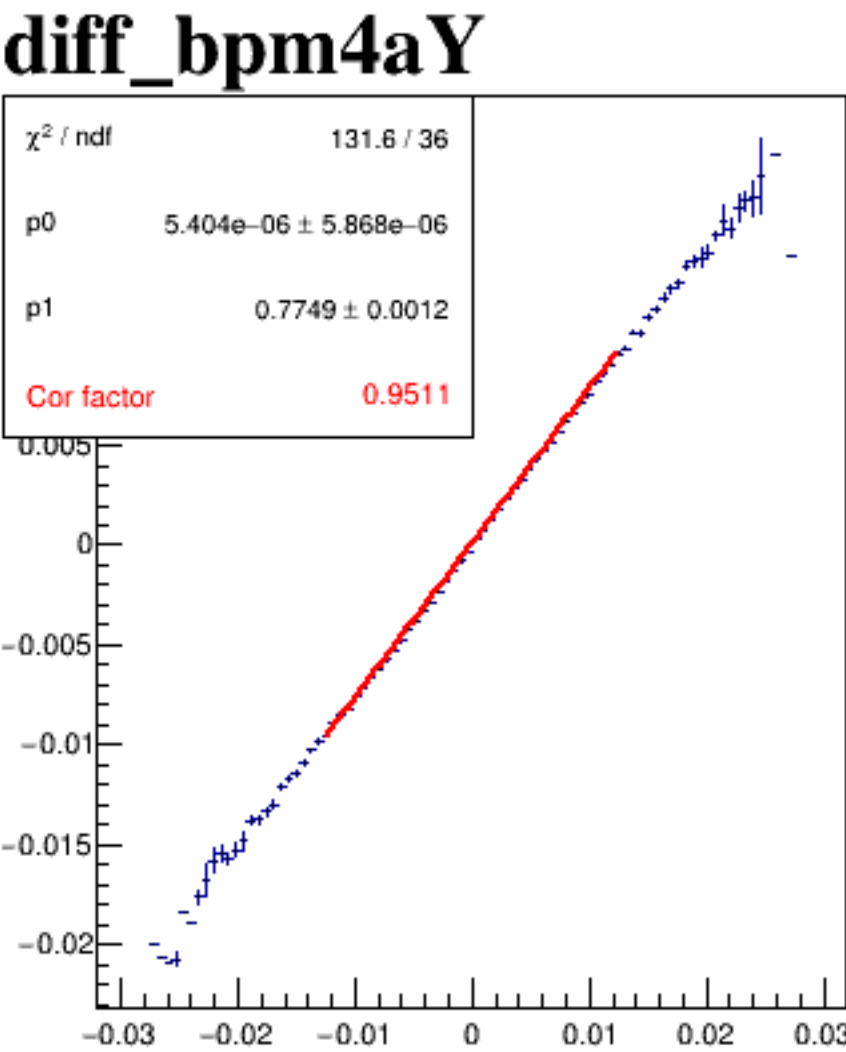
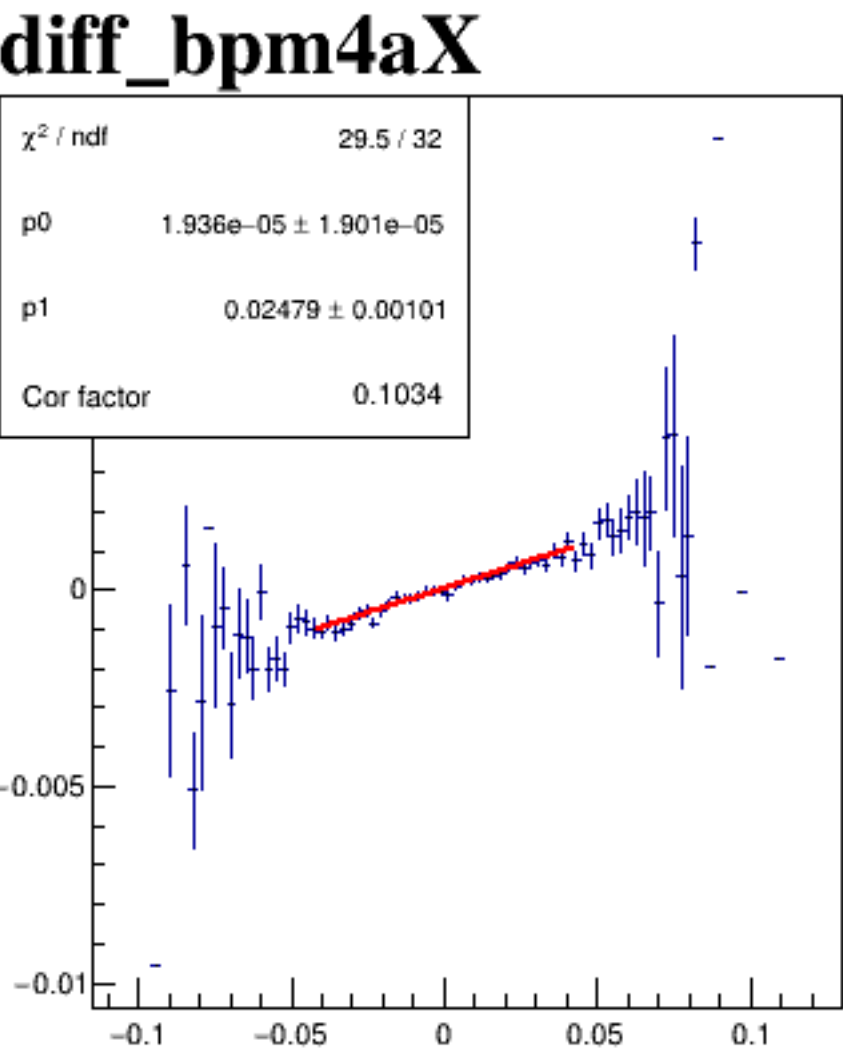
diff_bpm4aY



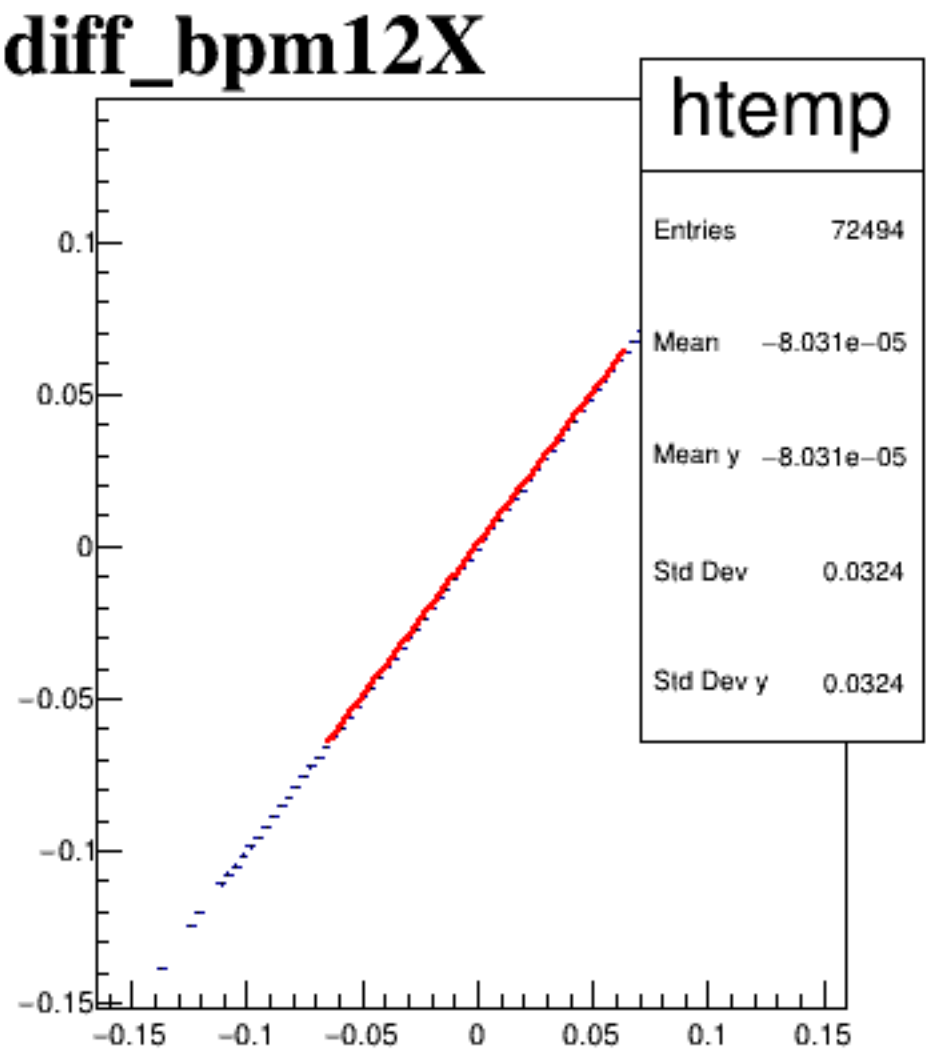
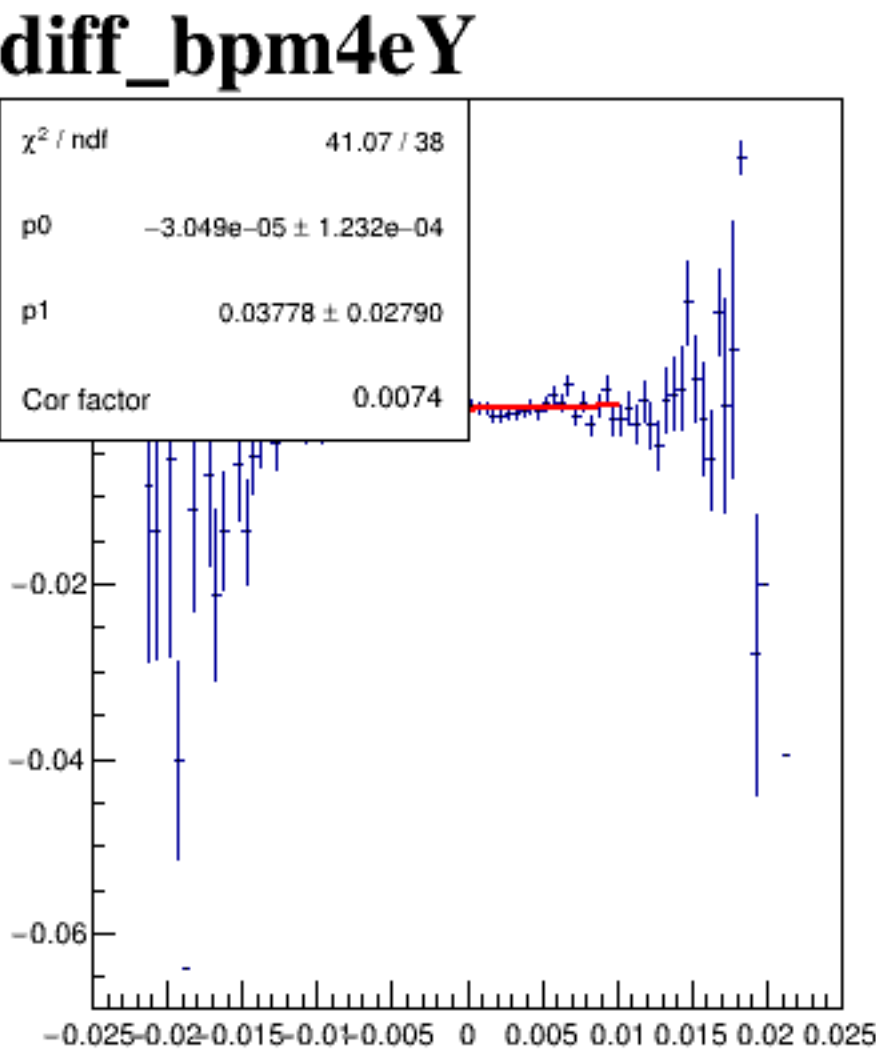
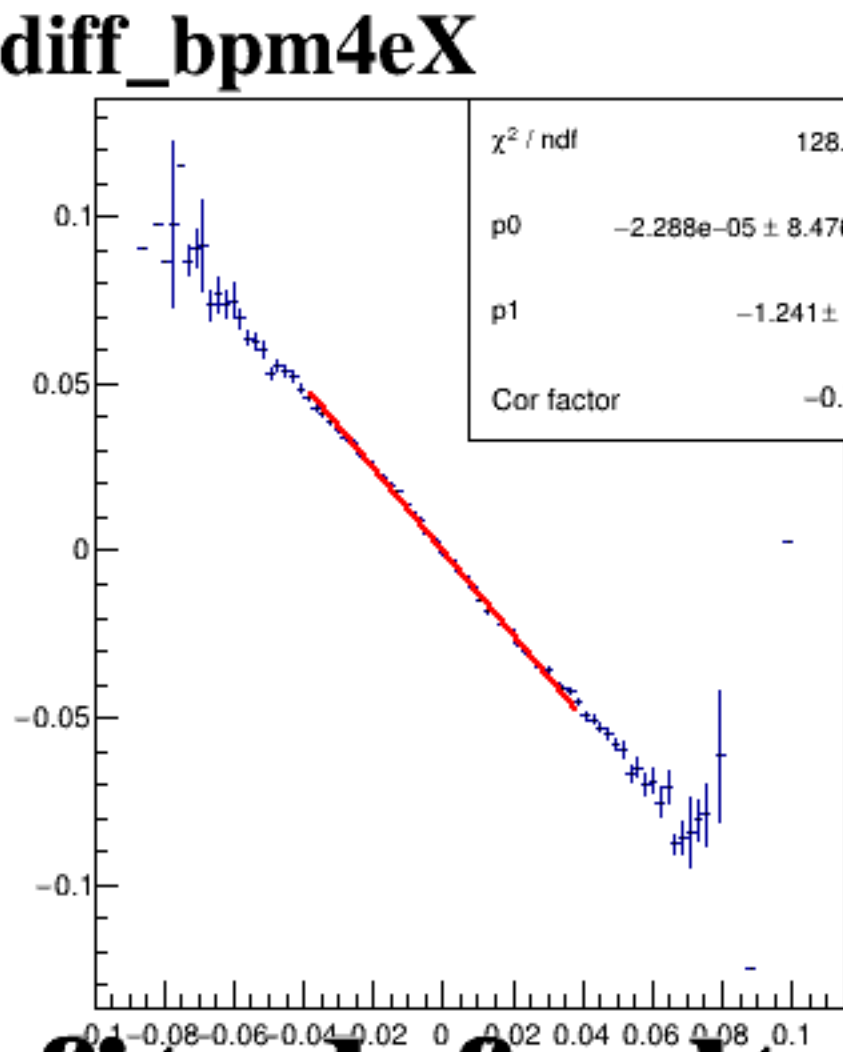
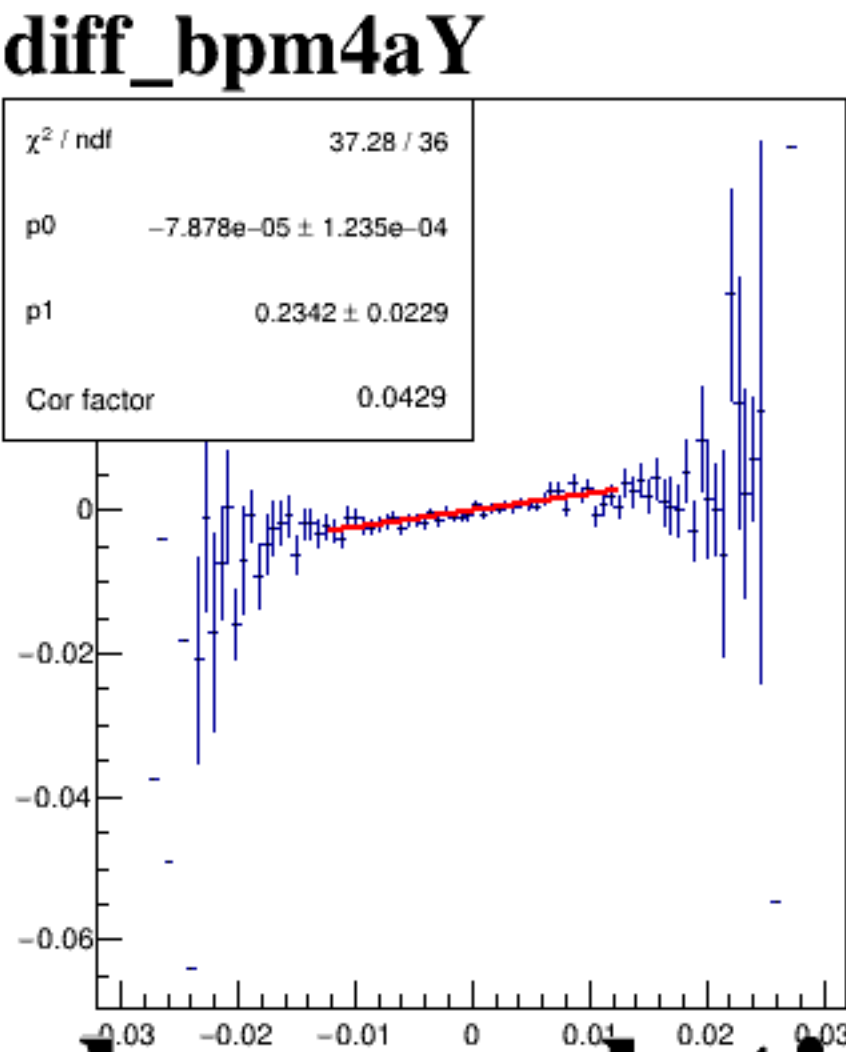
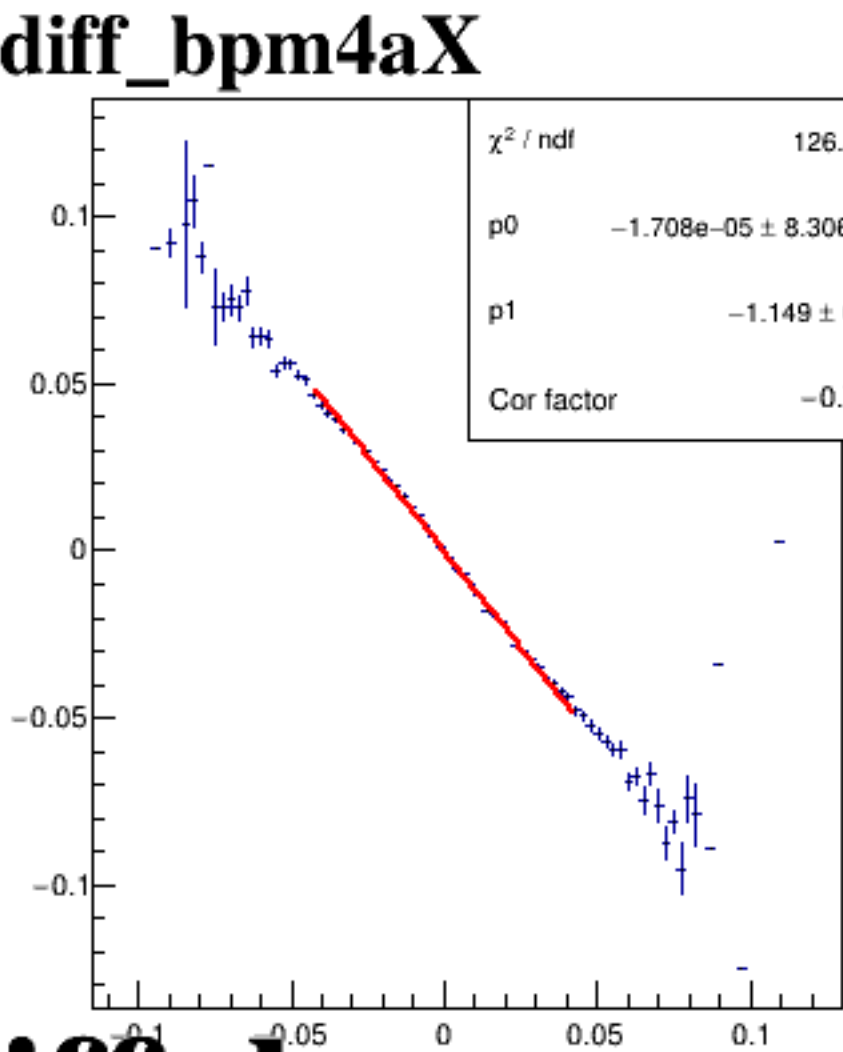
diff_bpm4eX



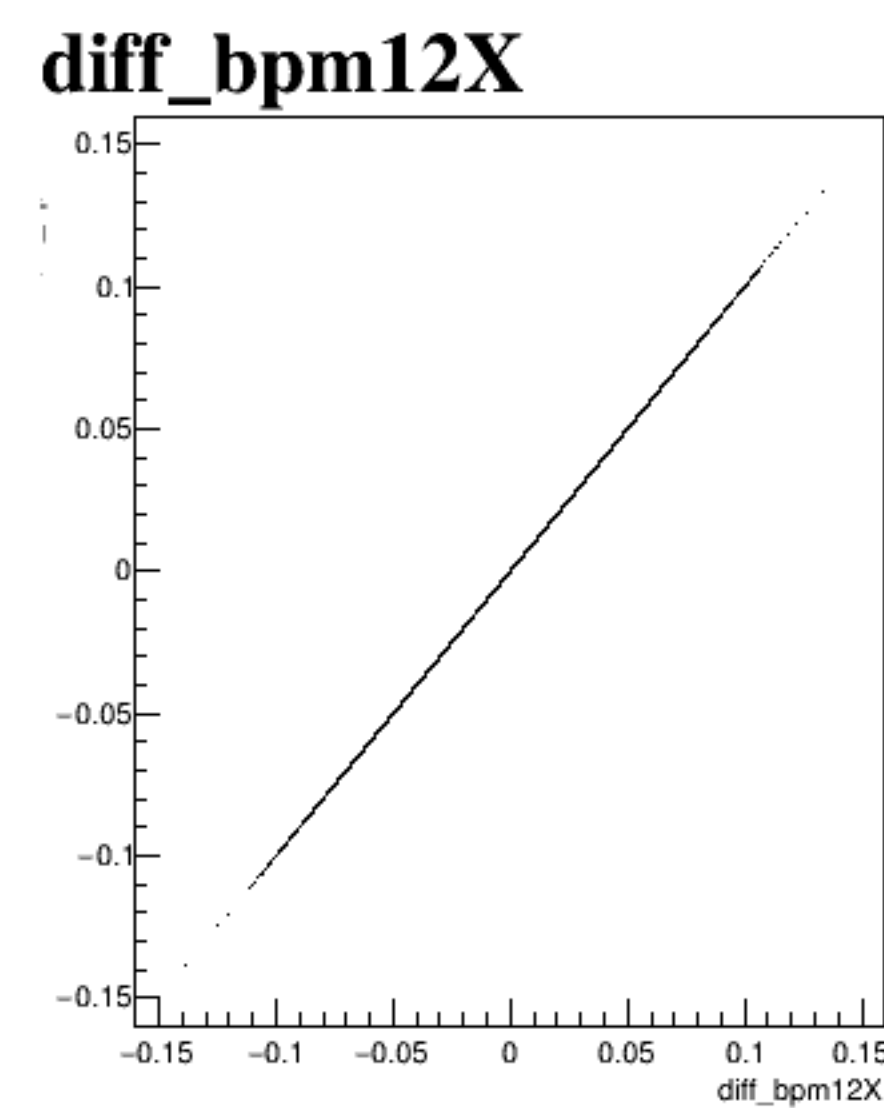
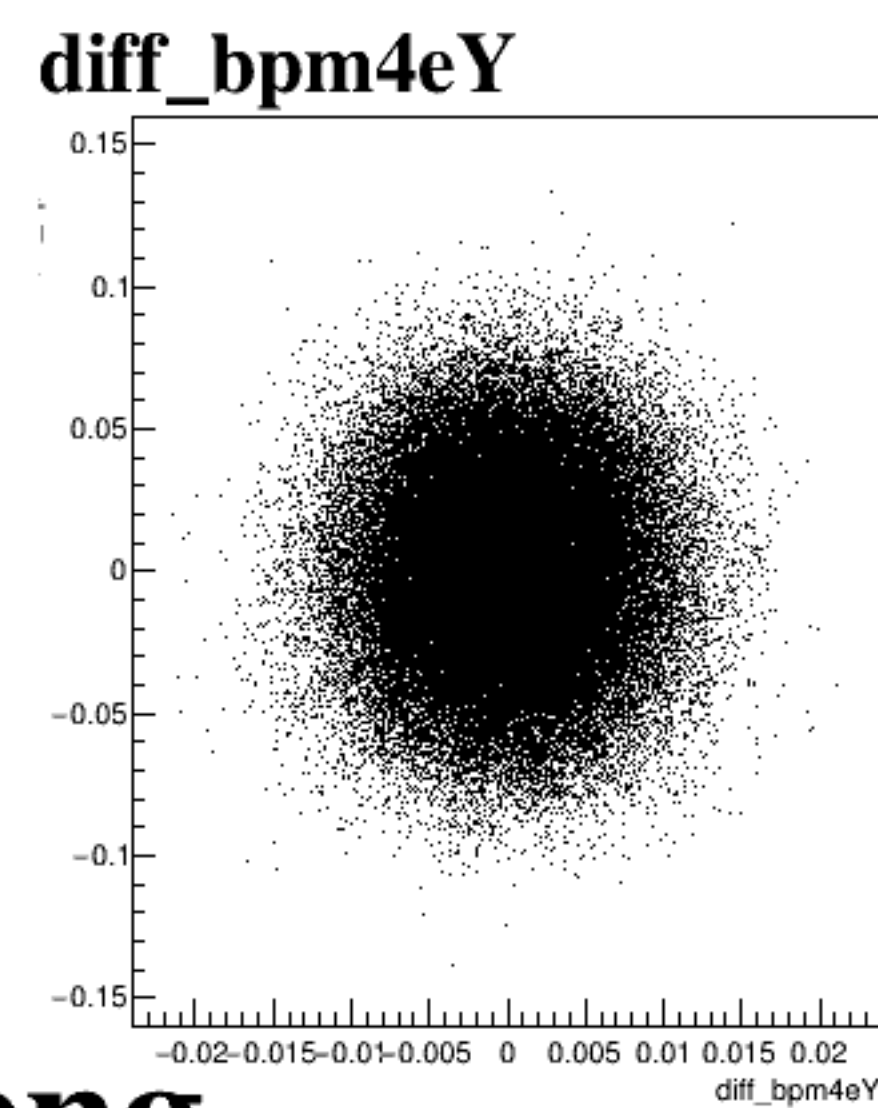
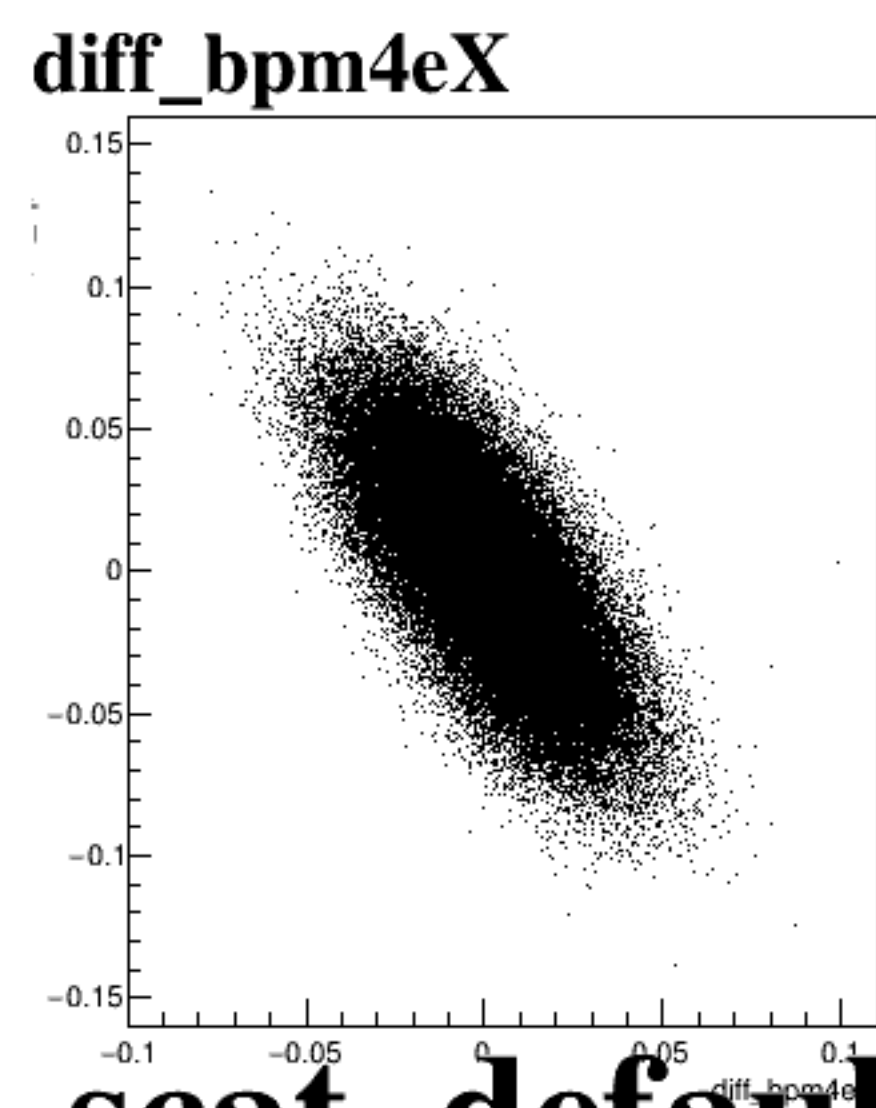
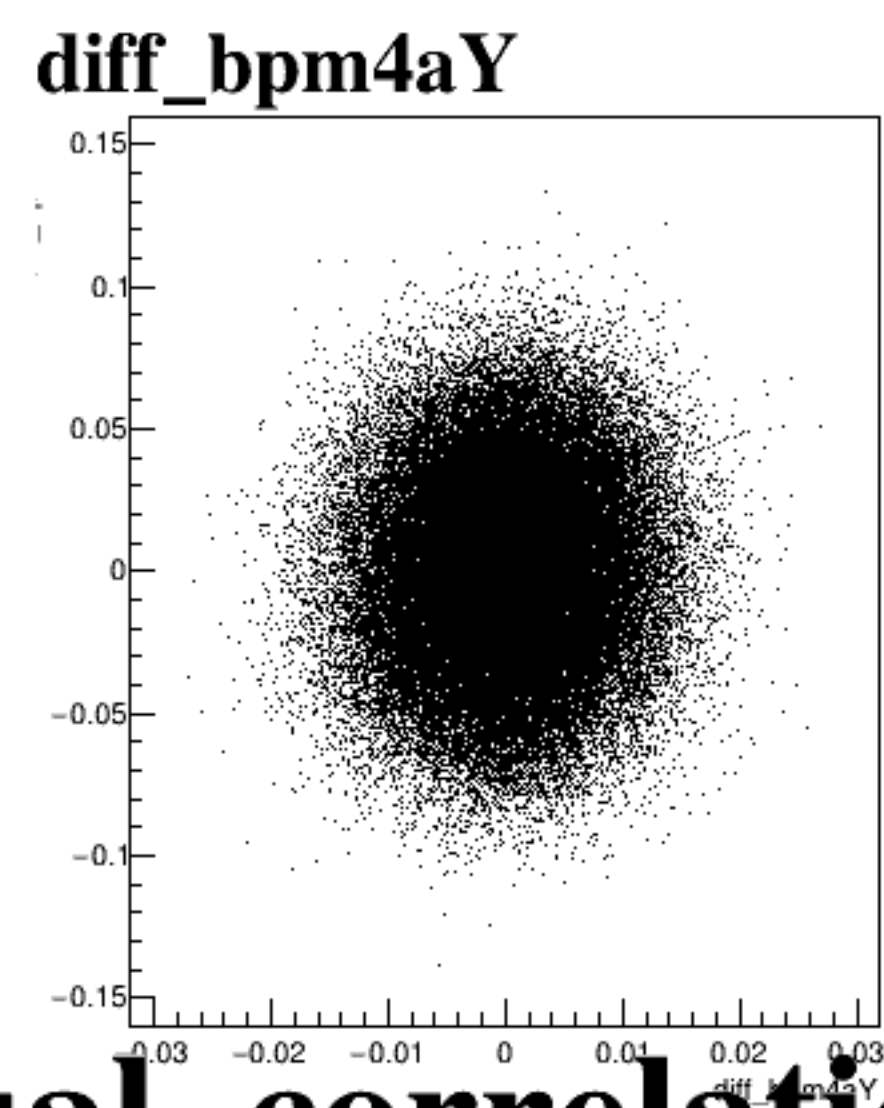
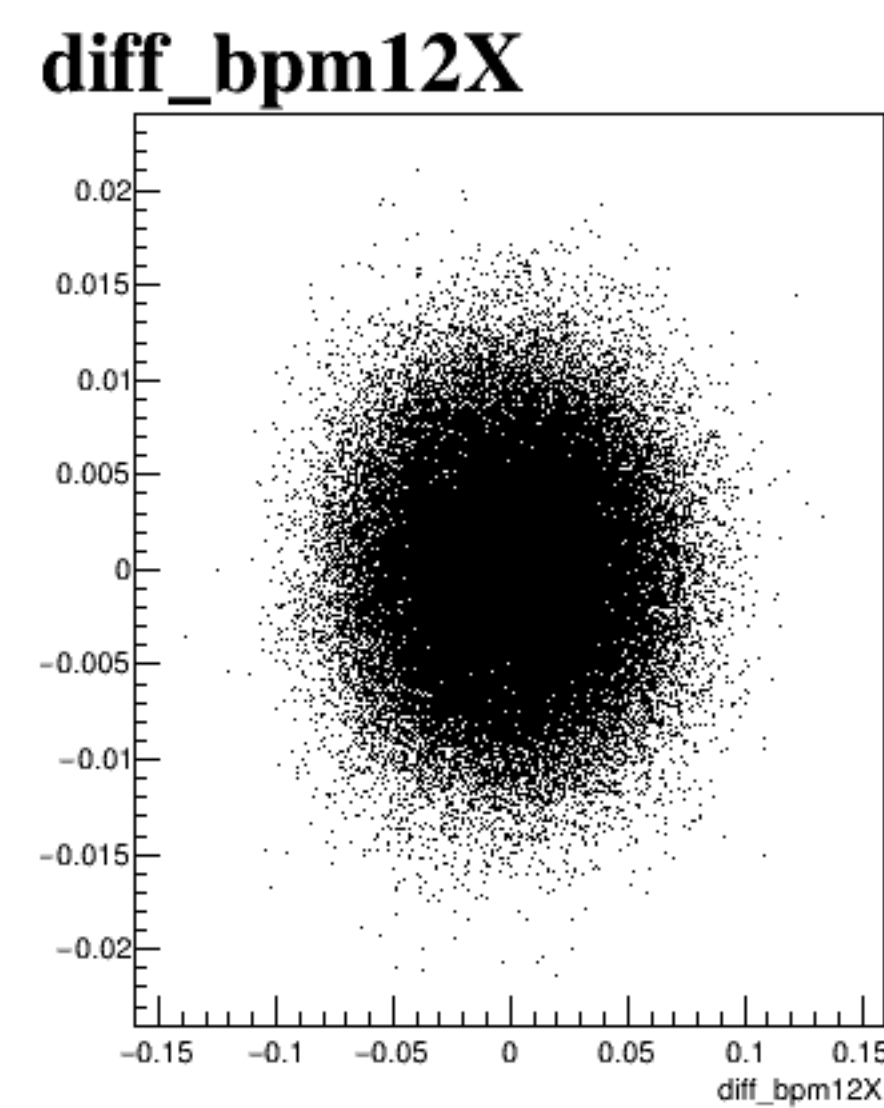
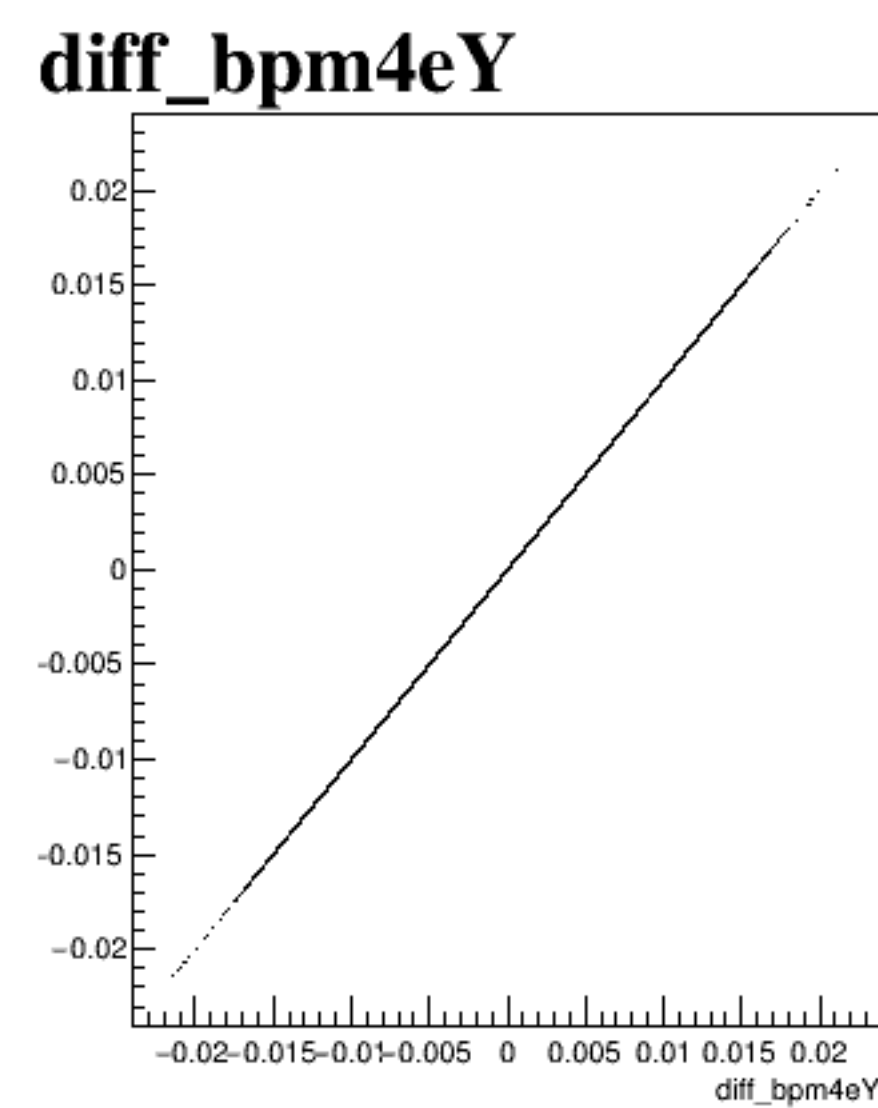
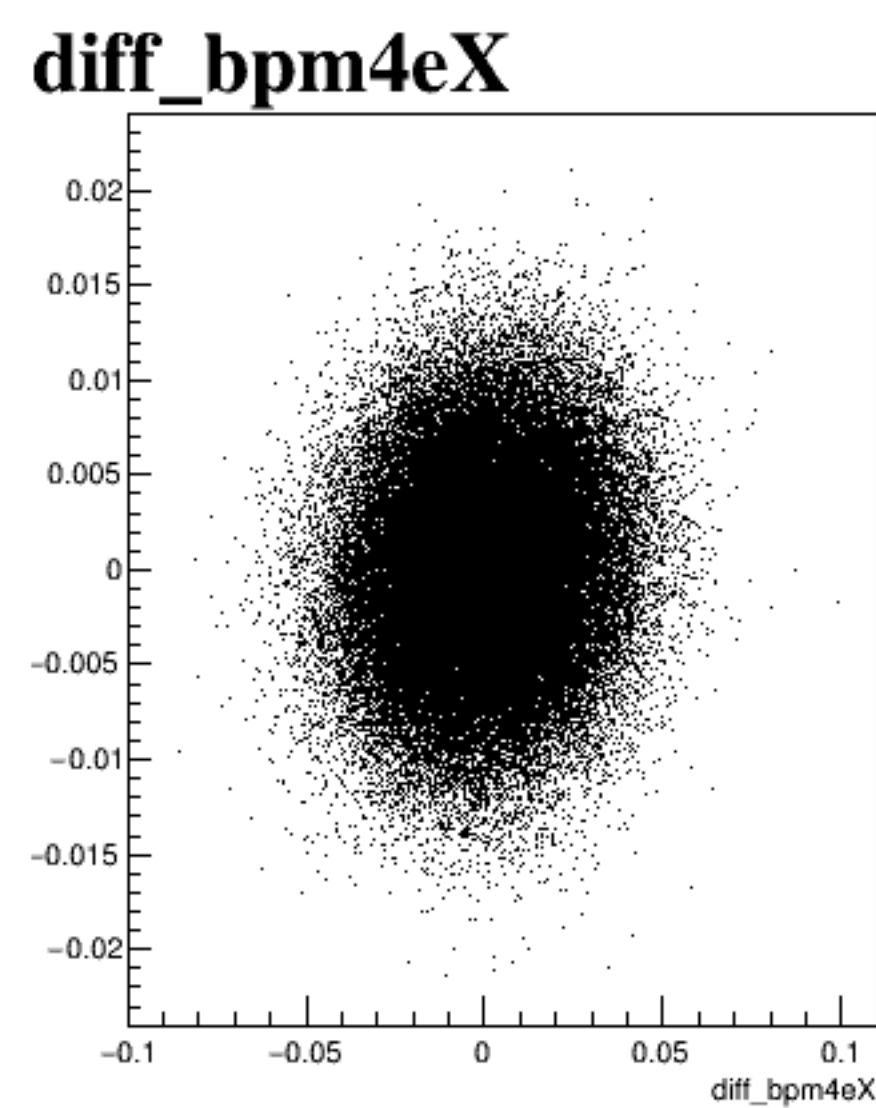
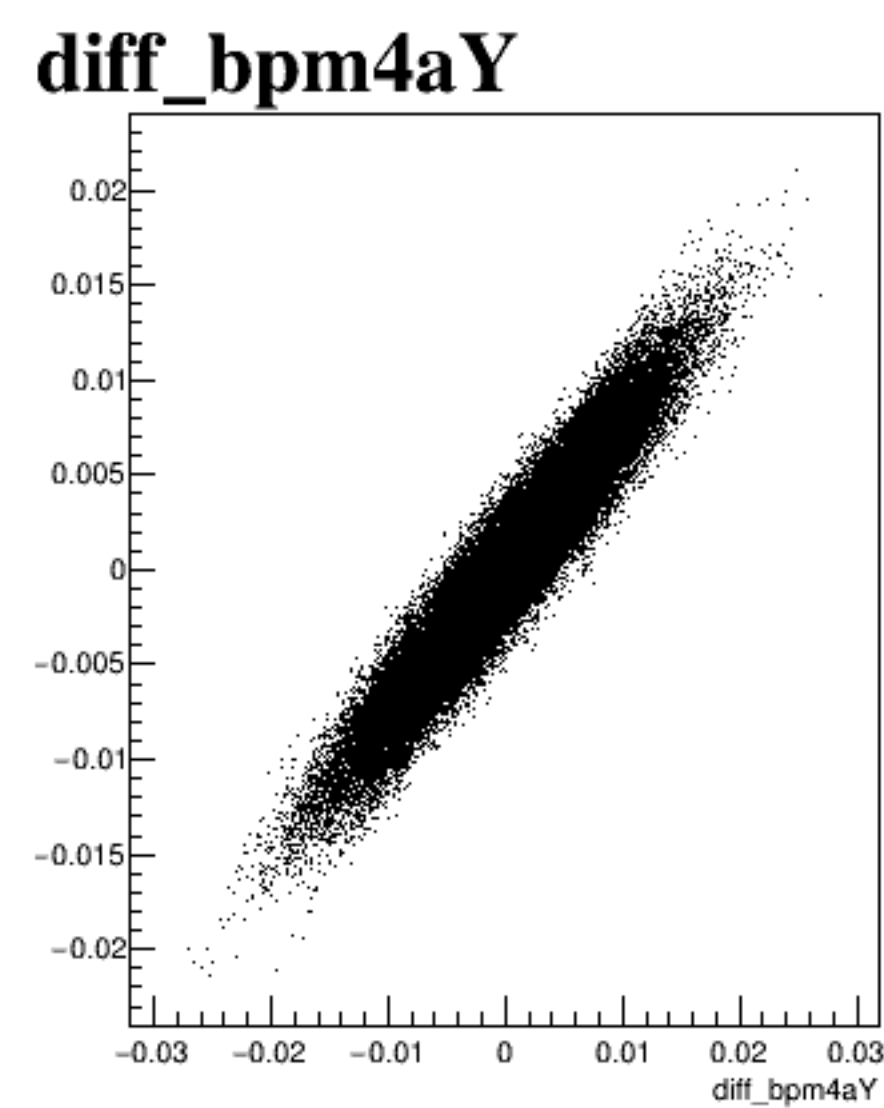
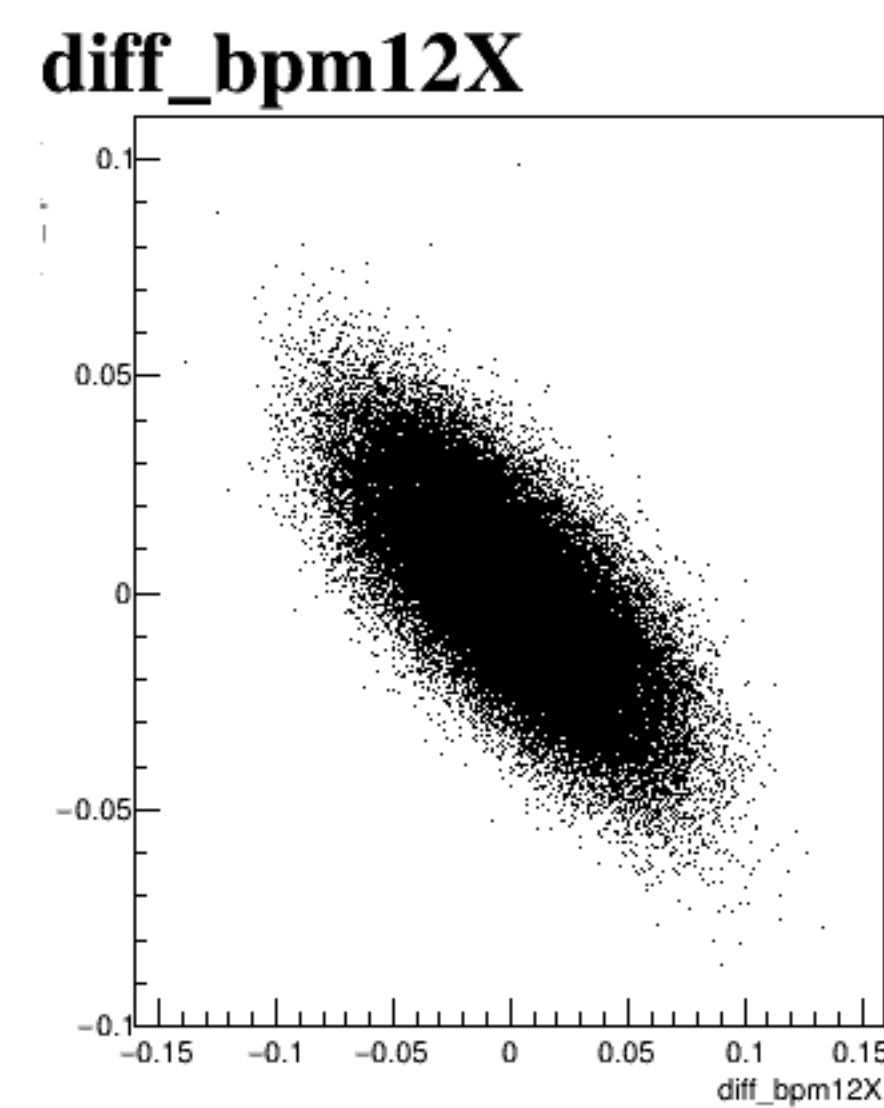
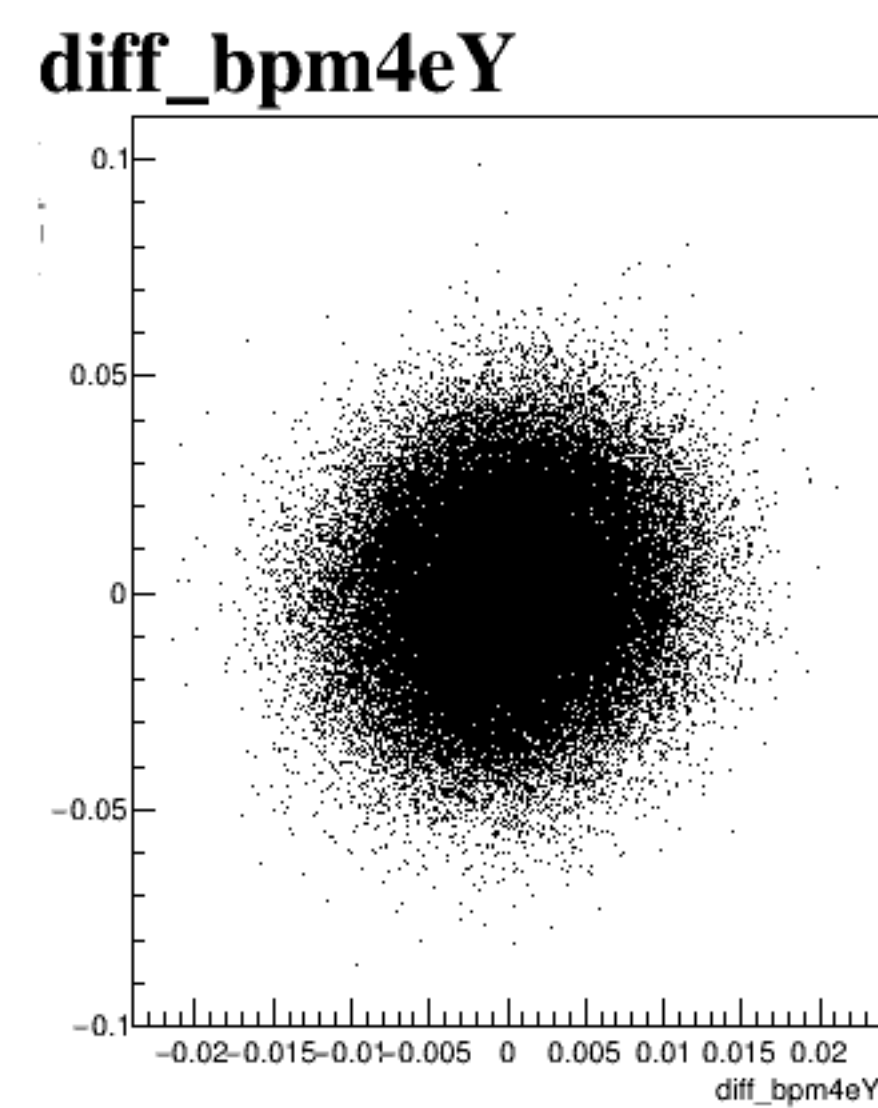
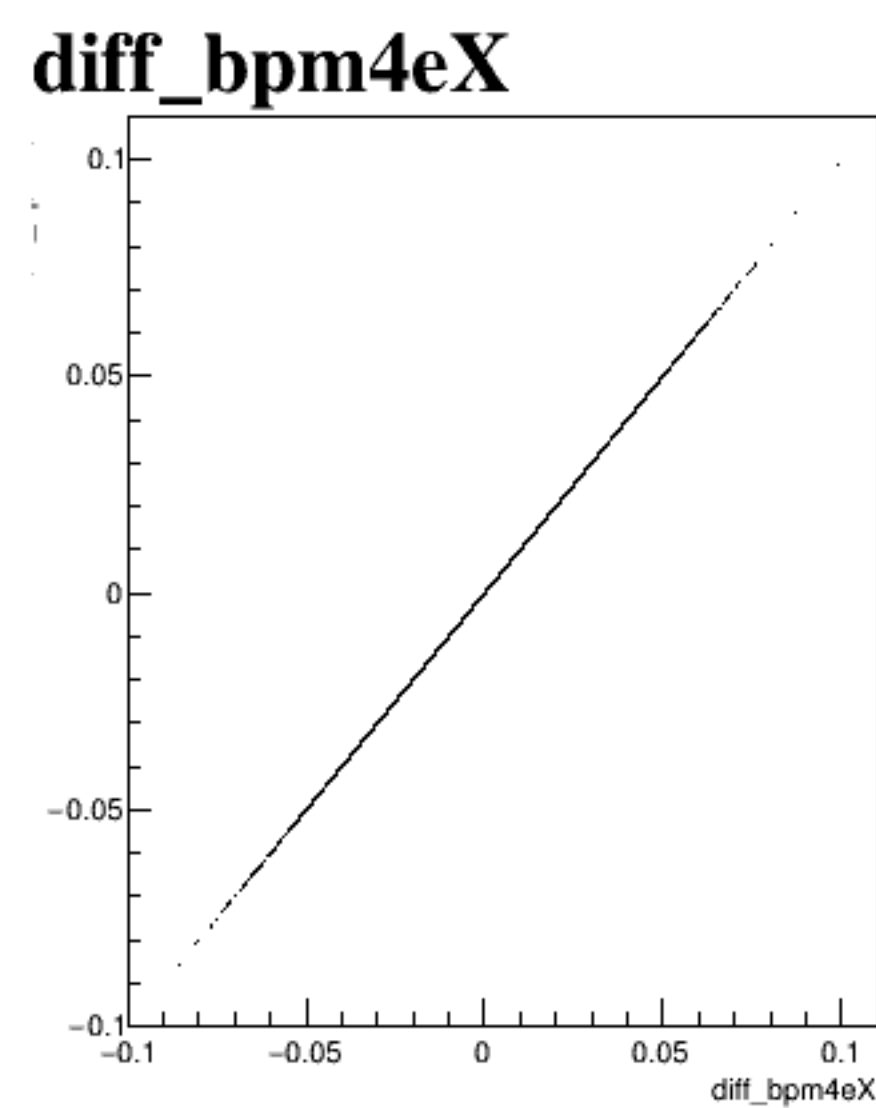
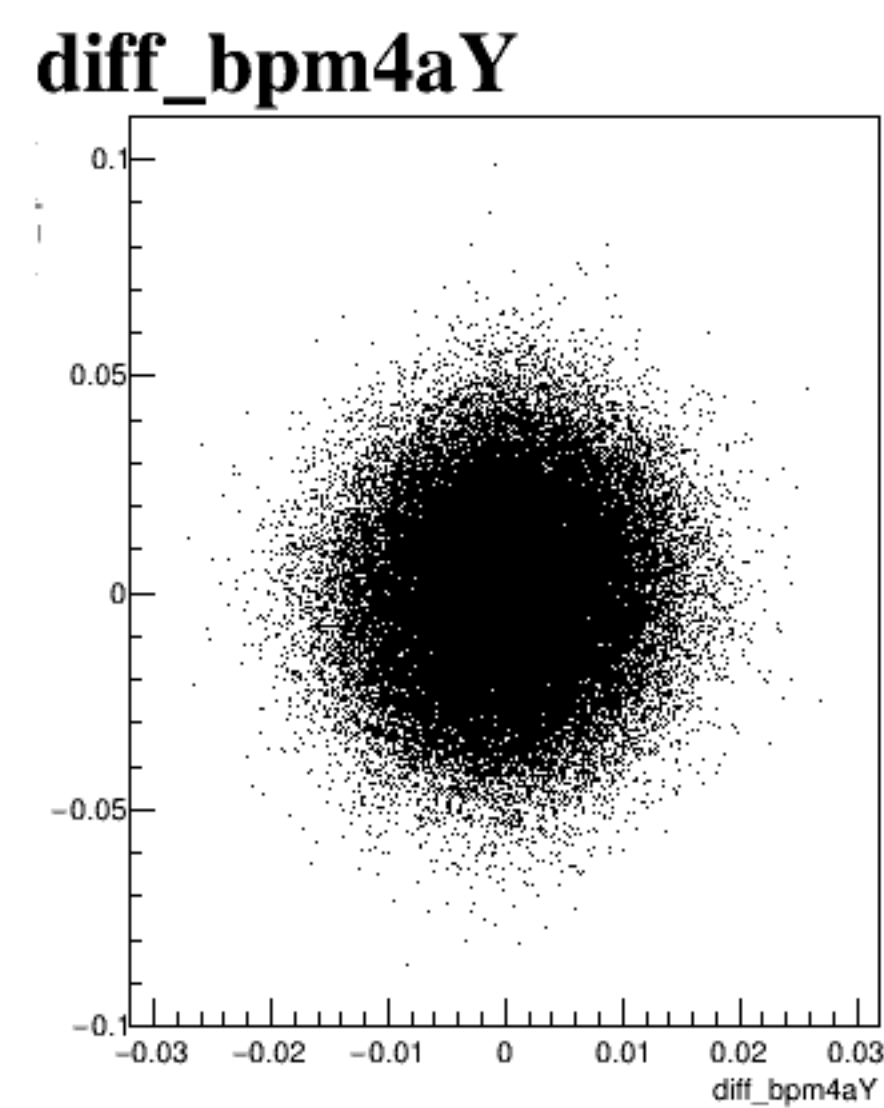
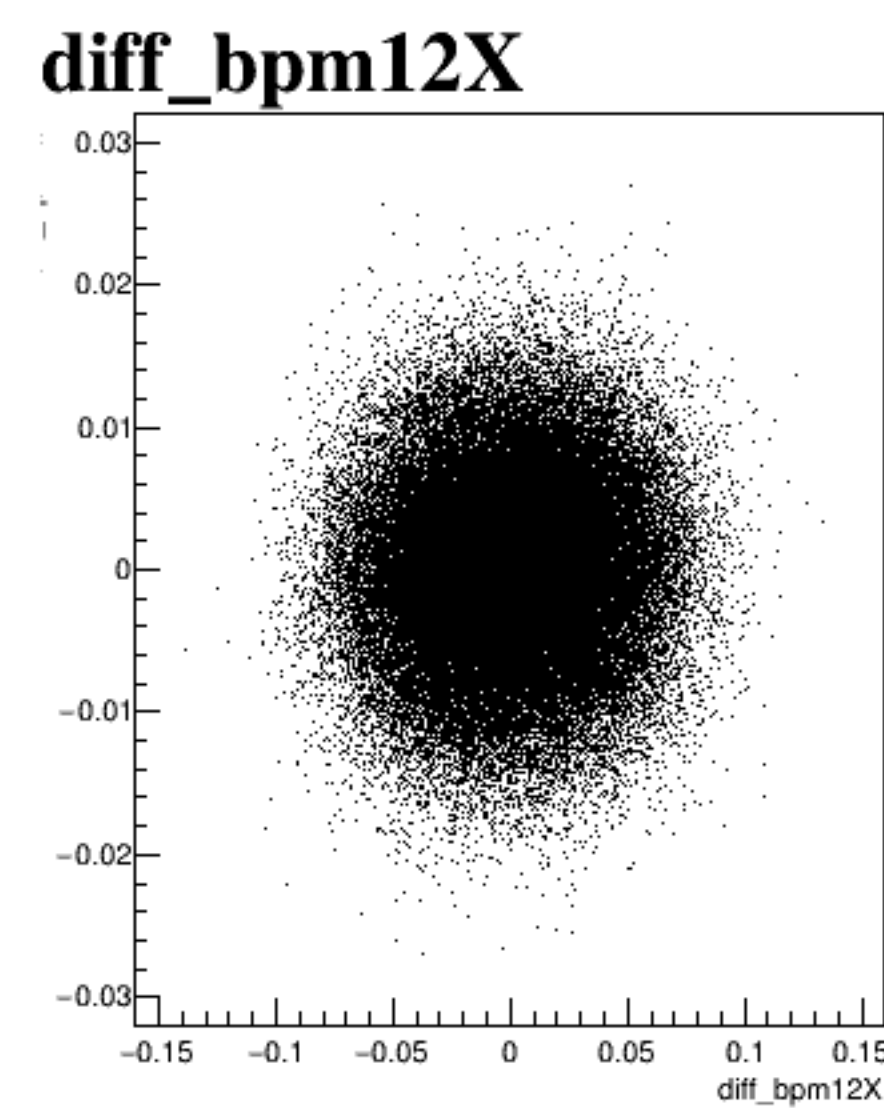
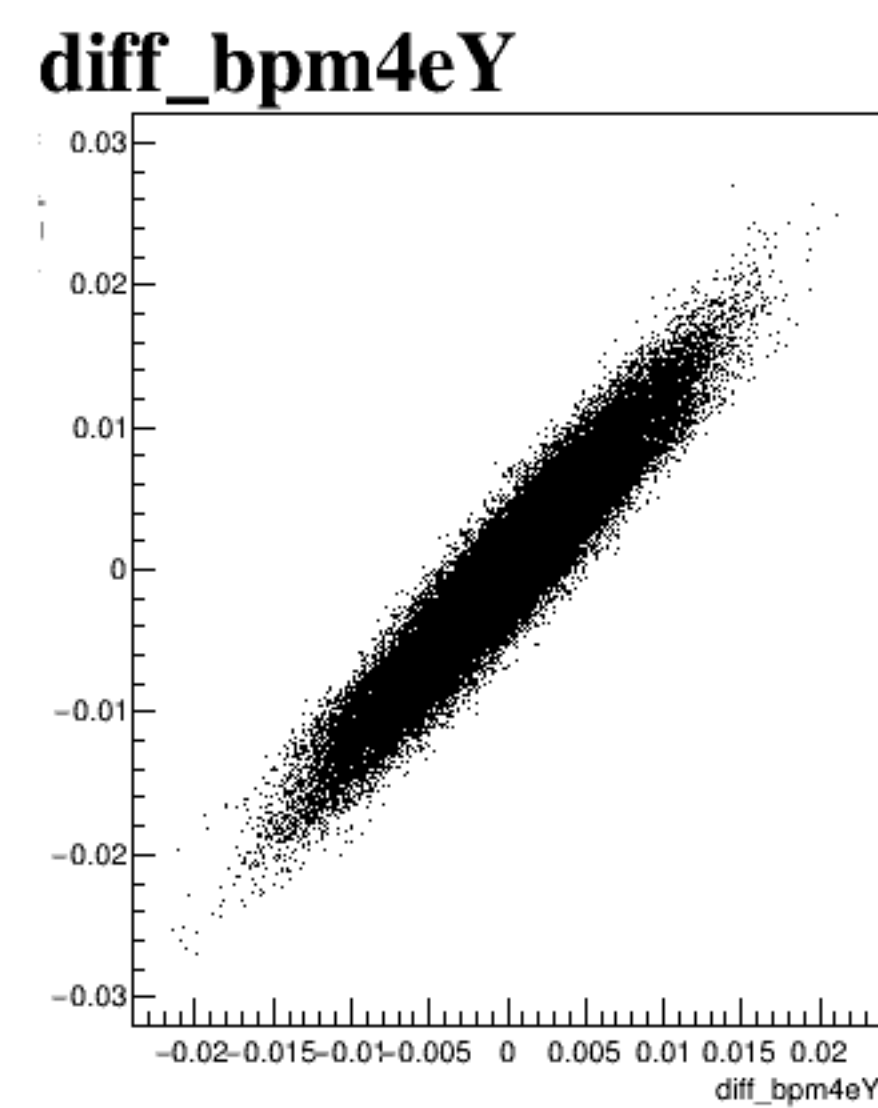
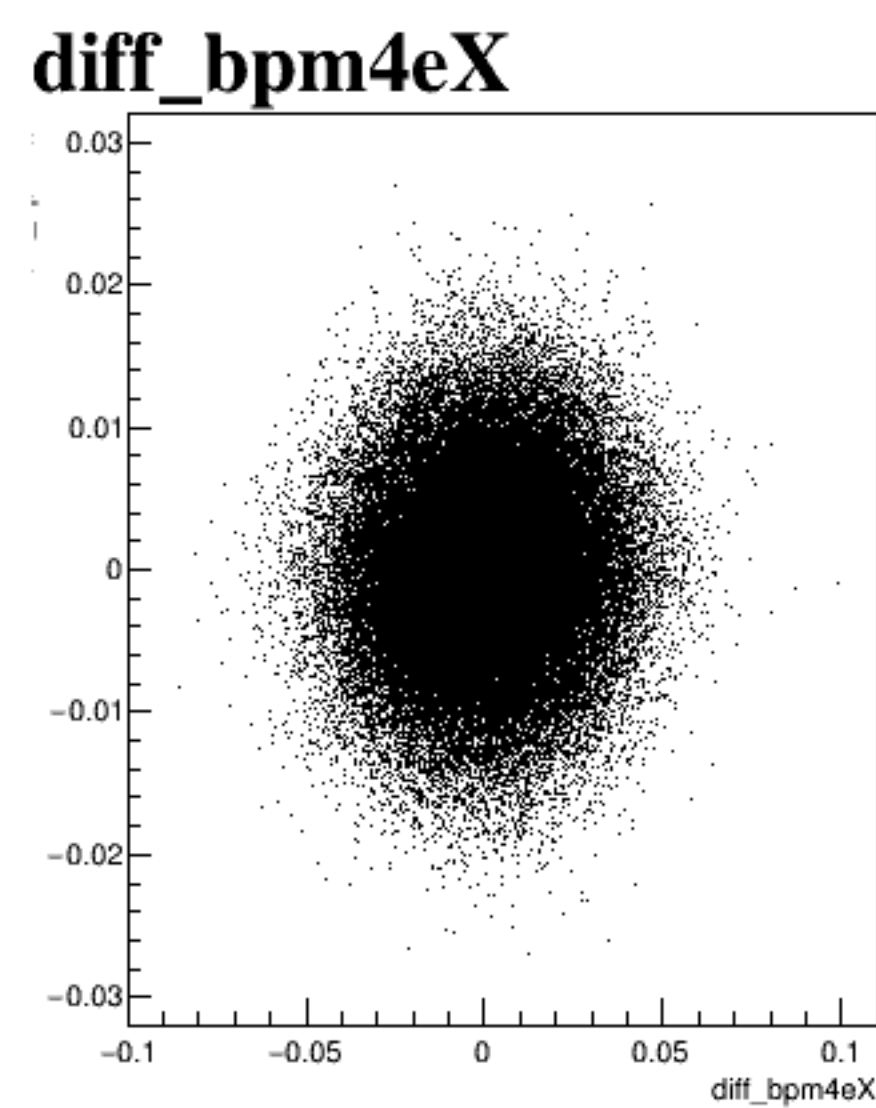
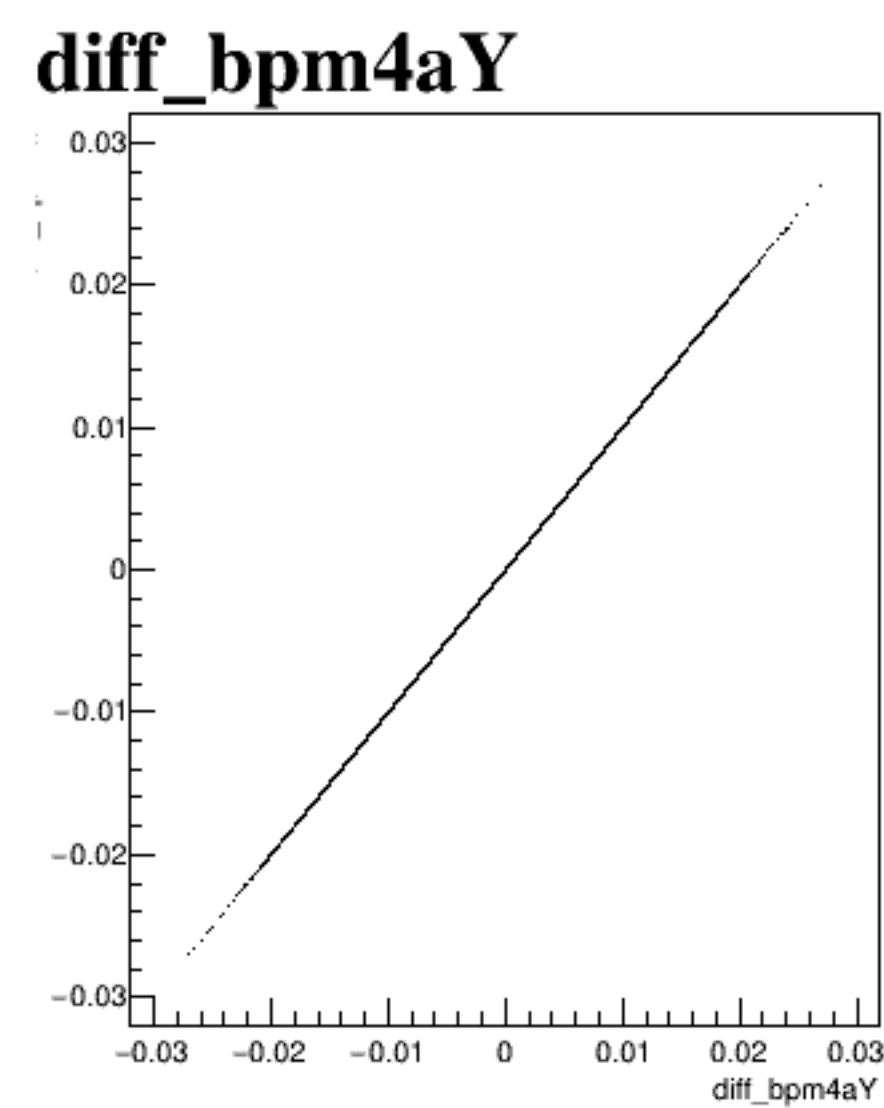
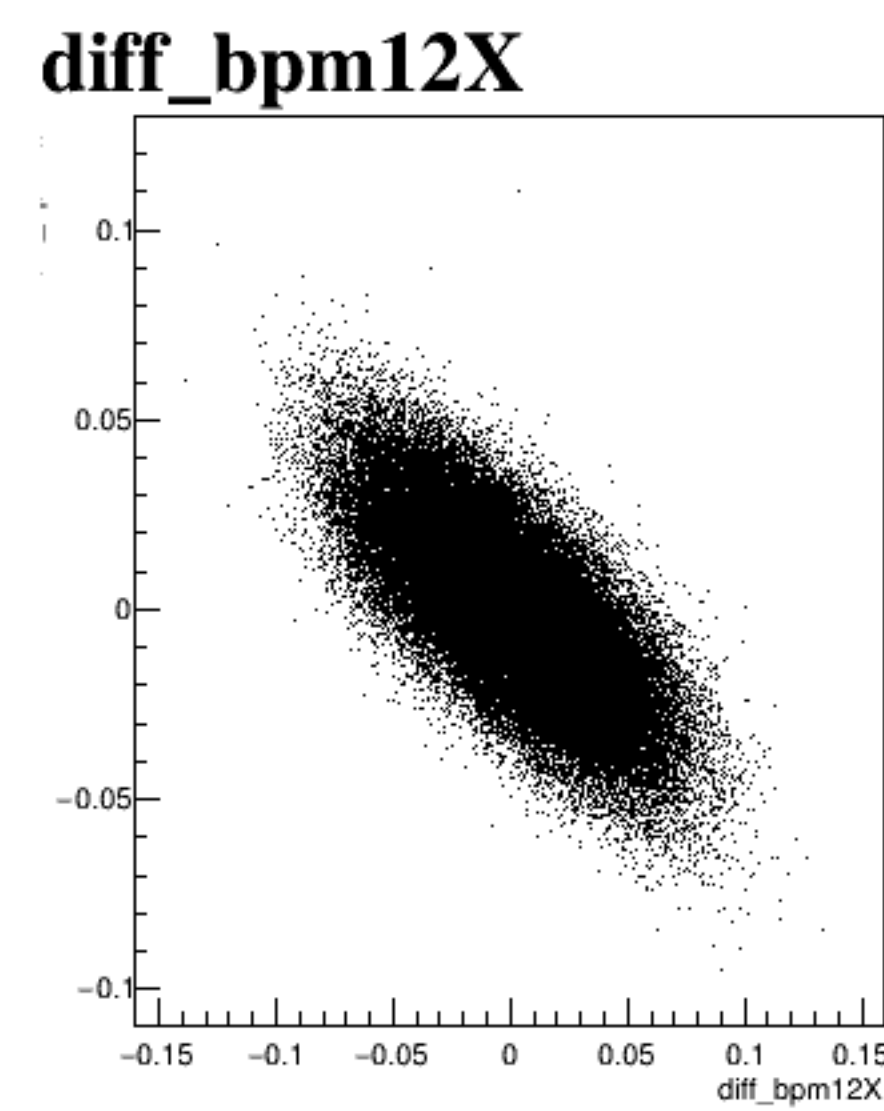
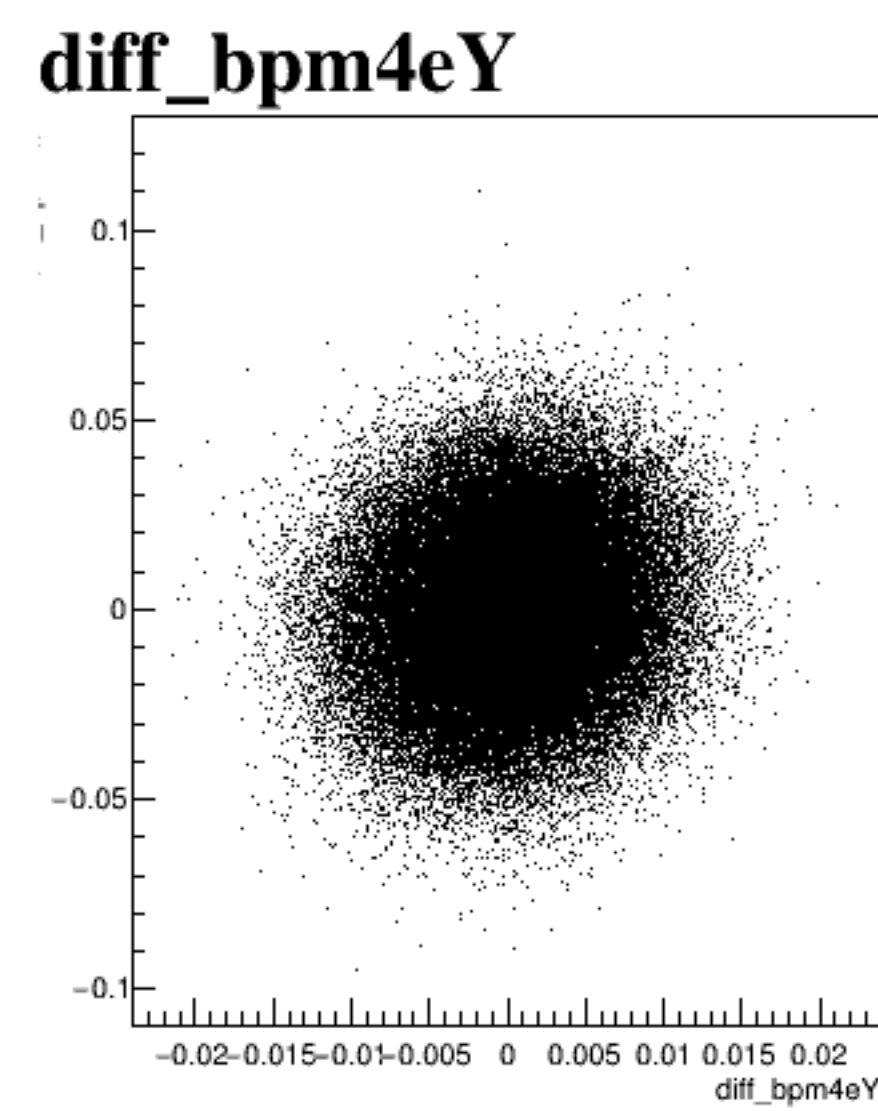
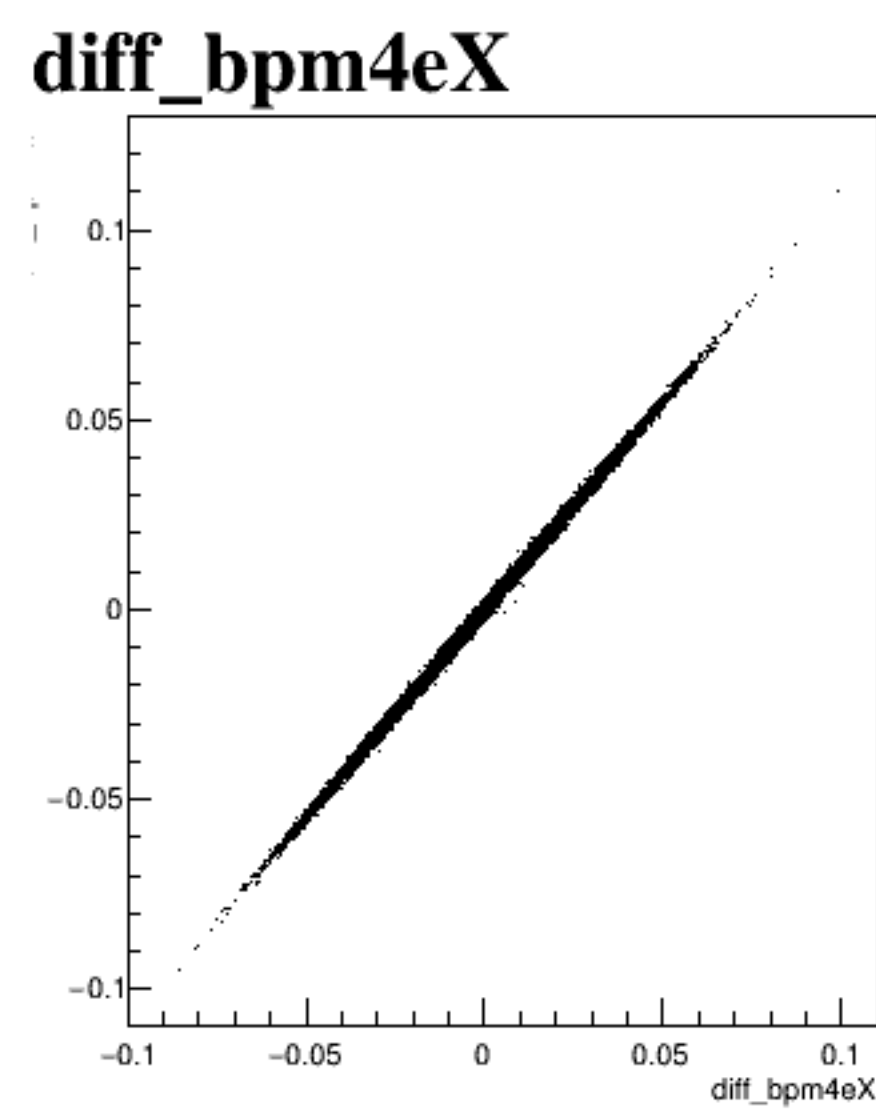
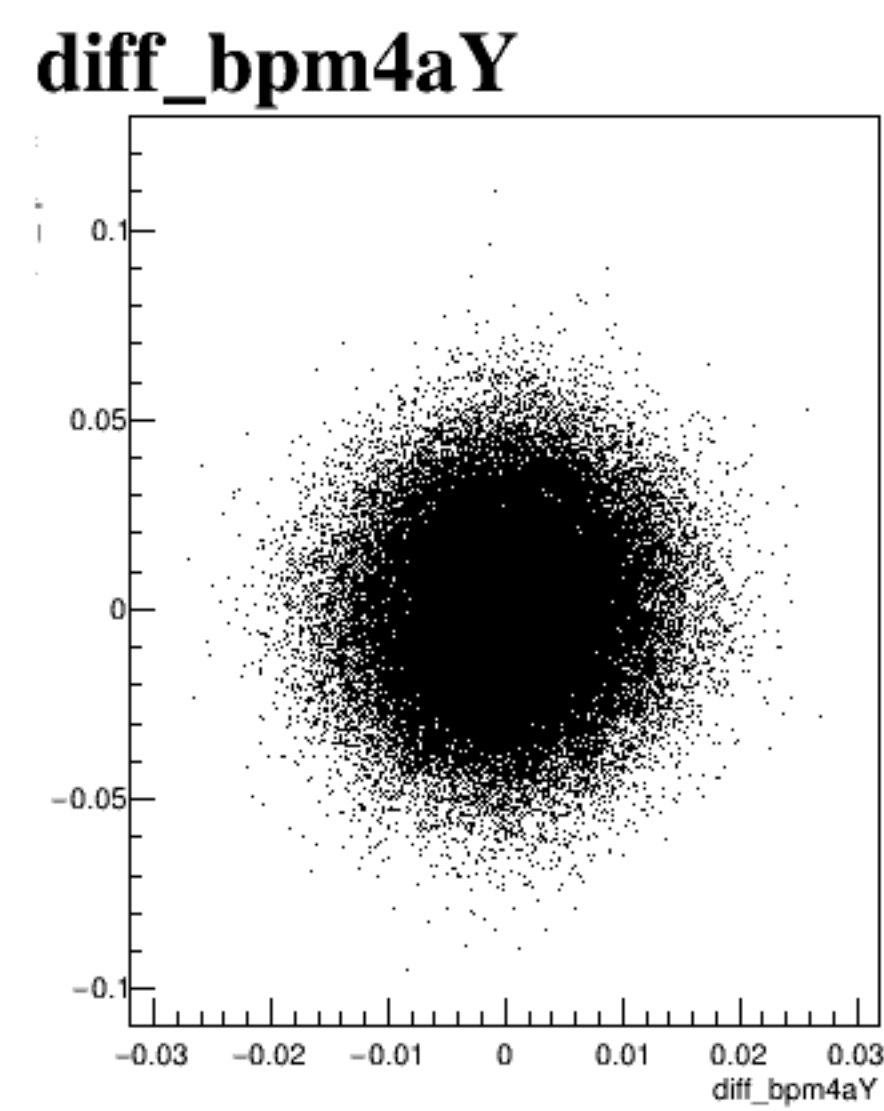
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diff_bpm12X

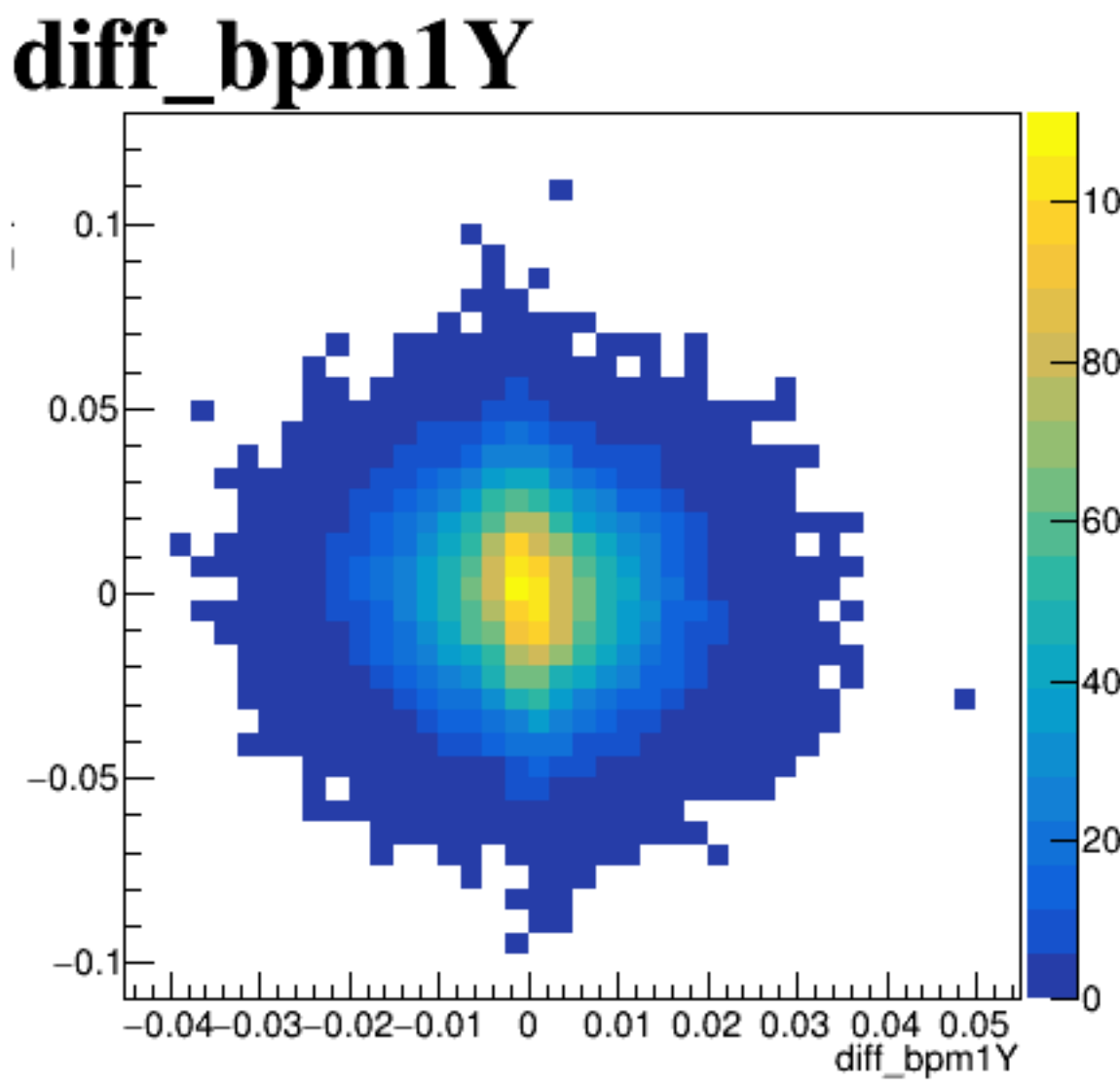
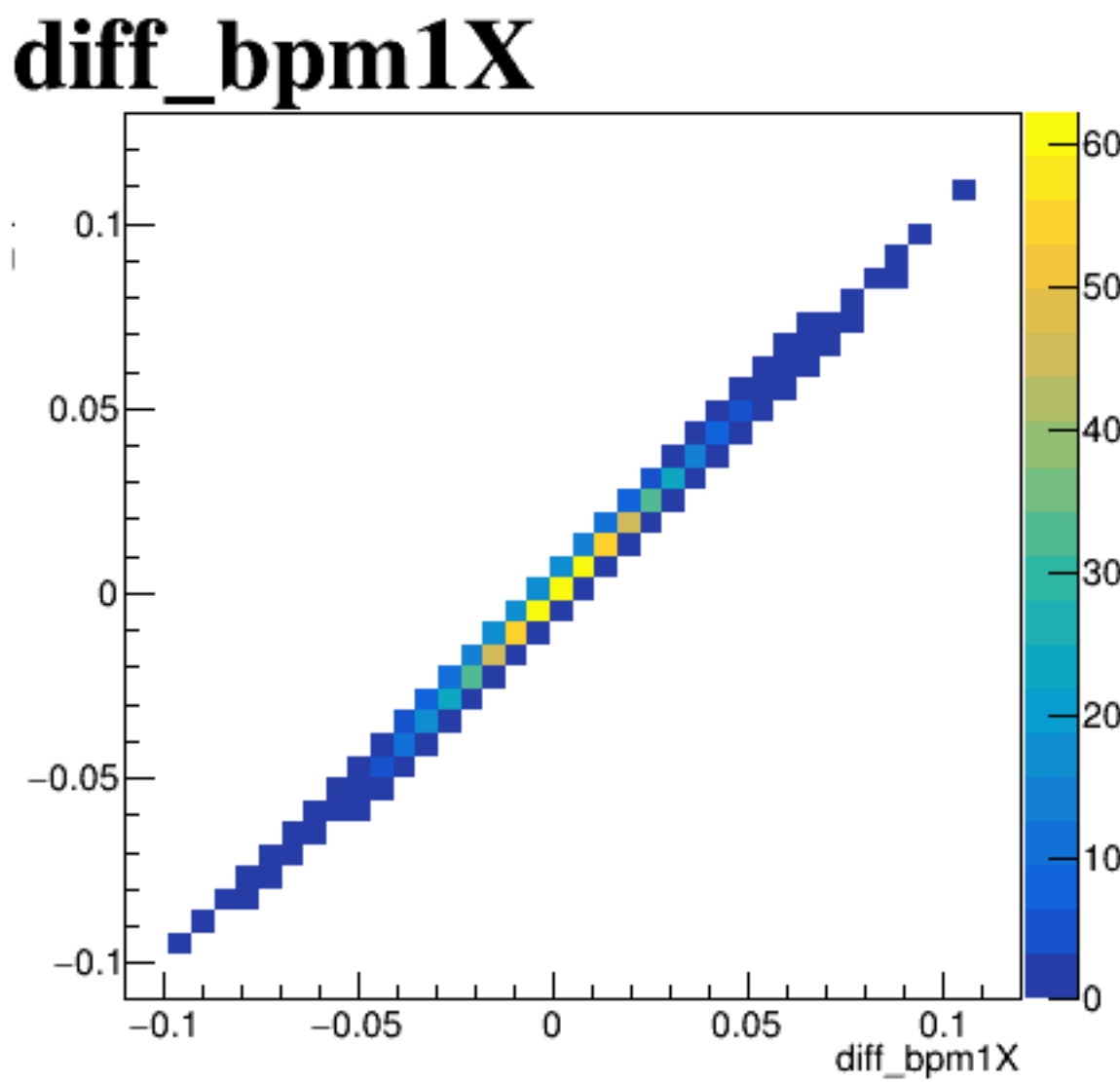
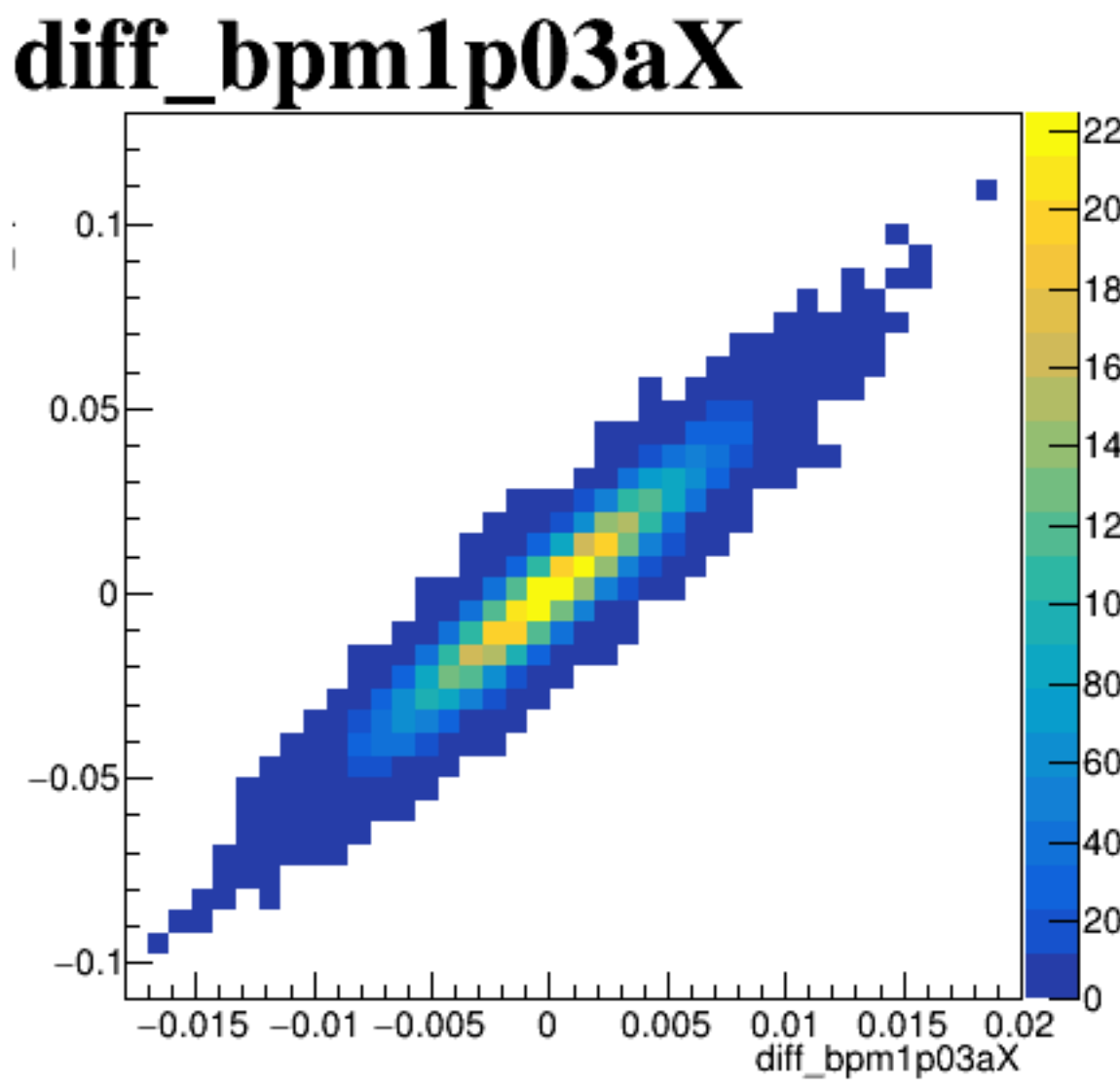
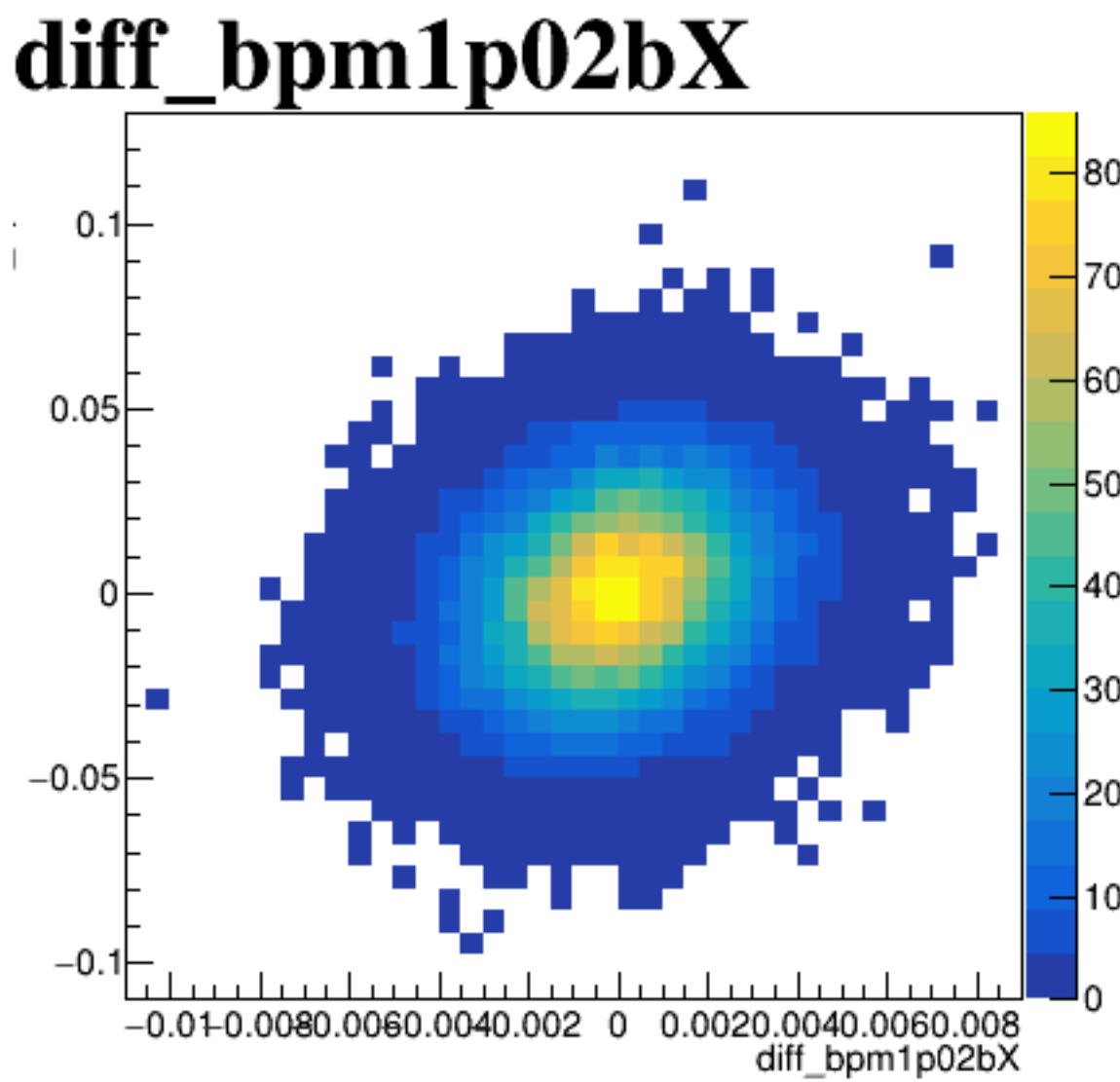


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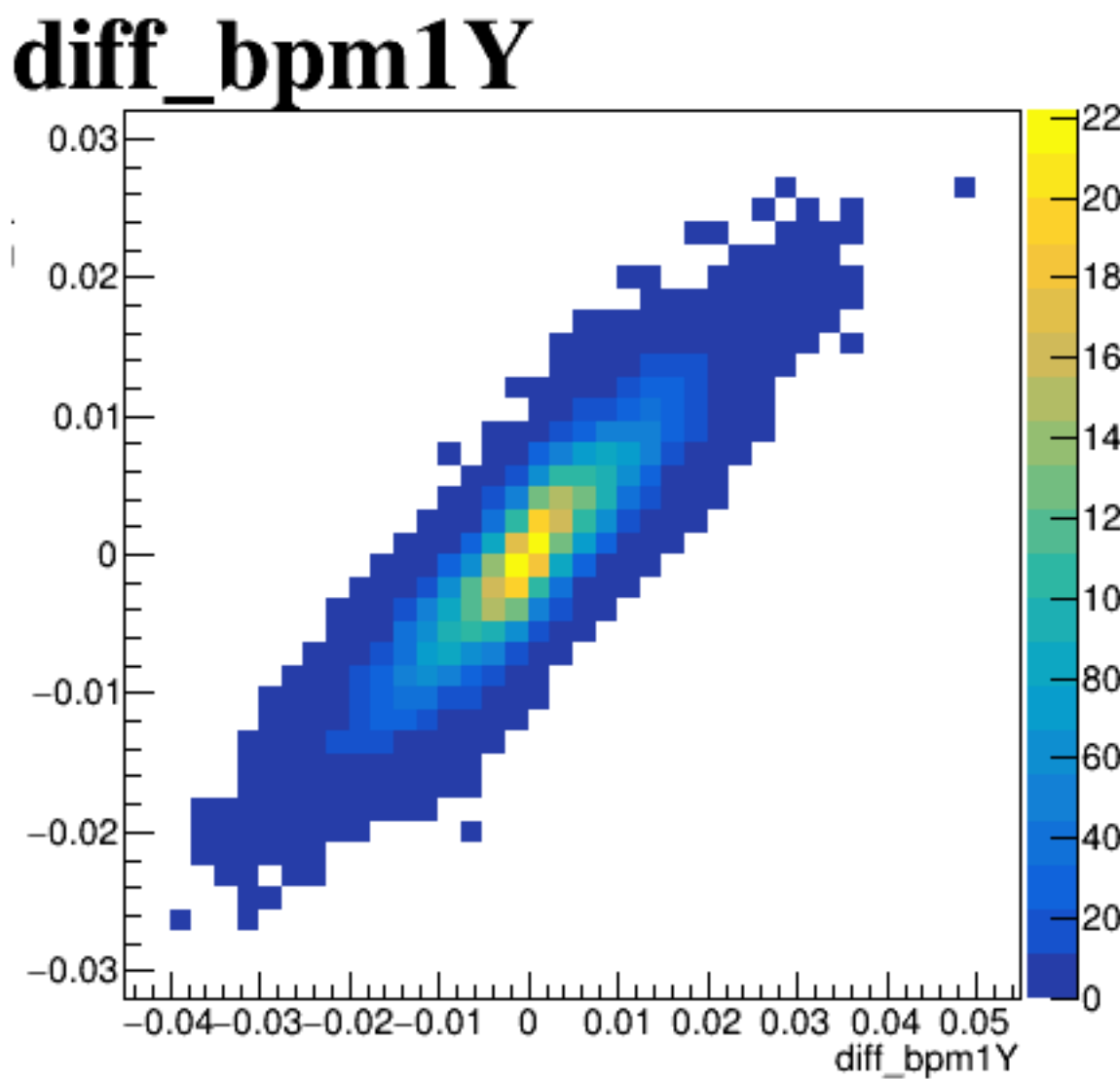
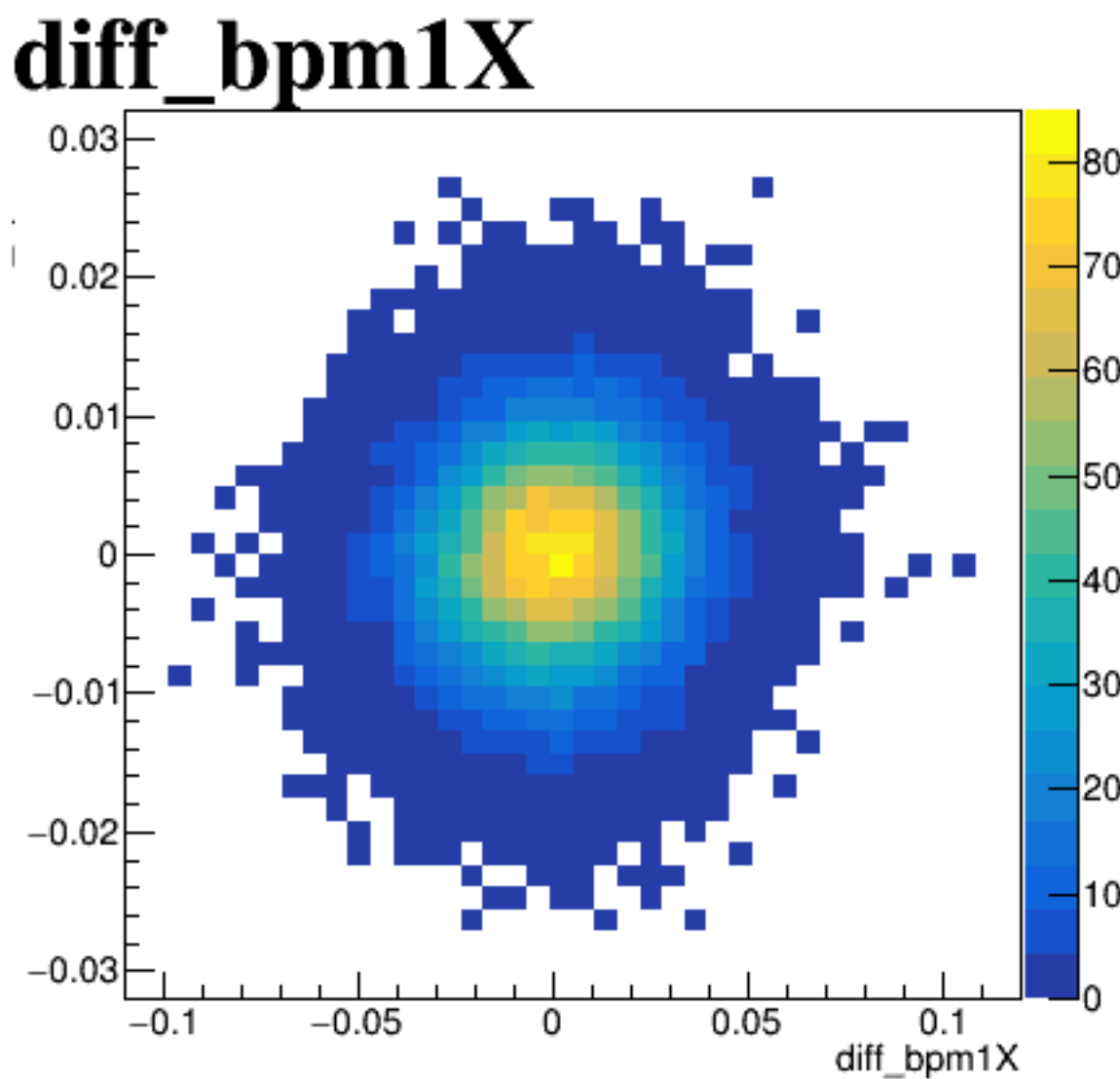
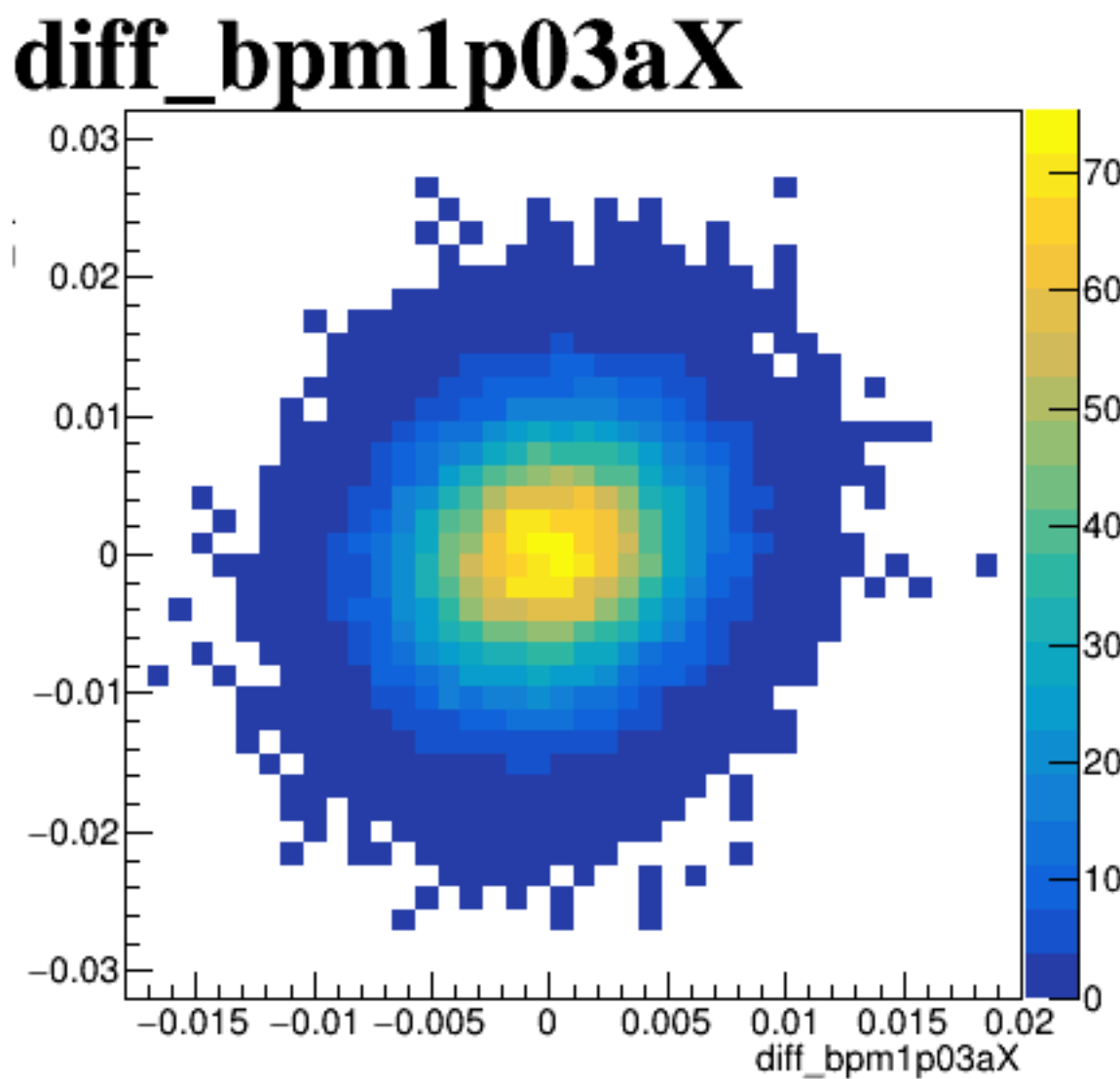
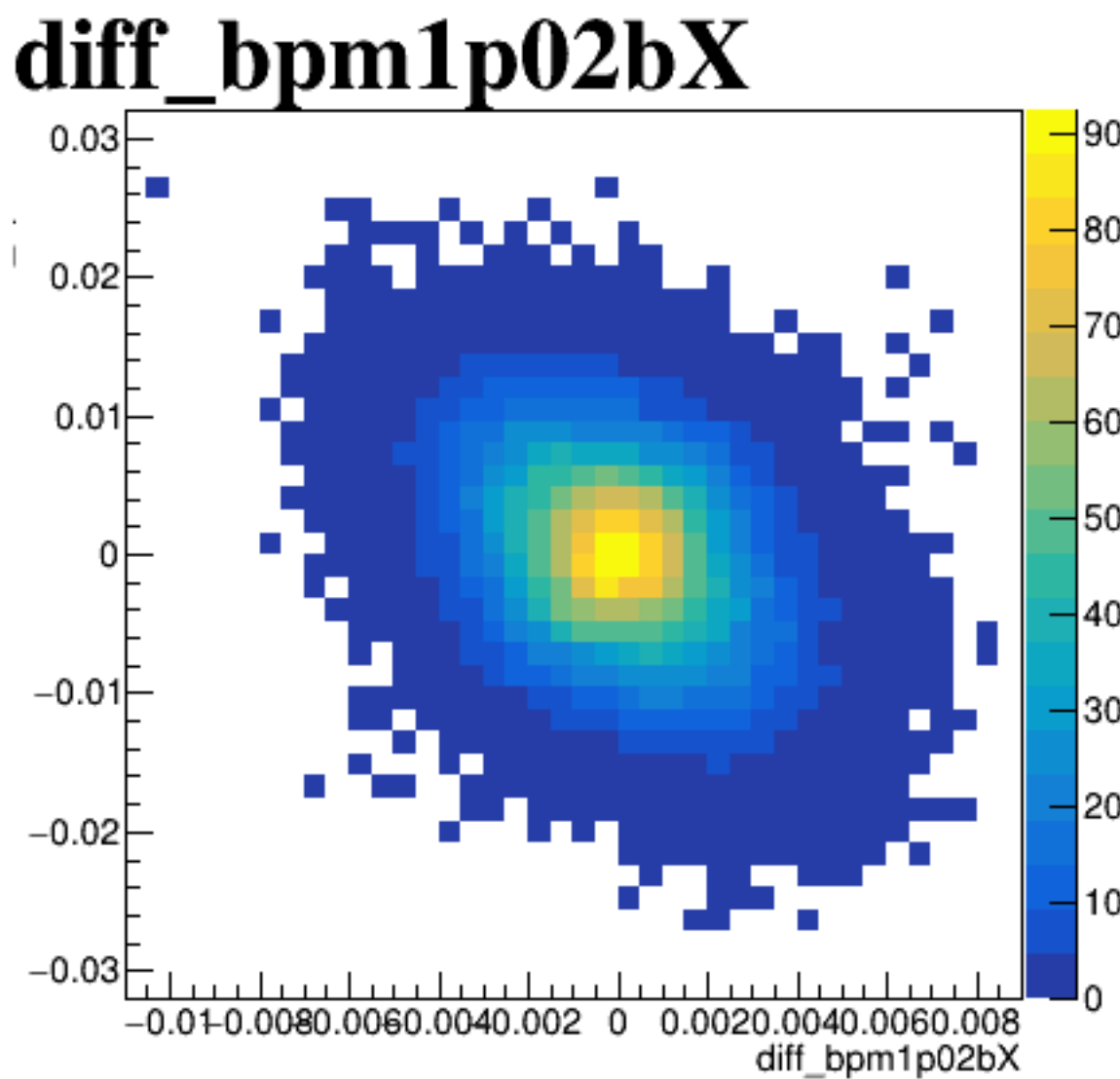


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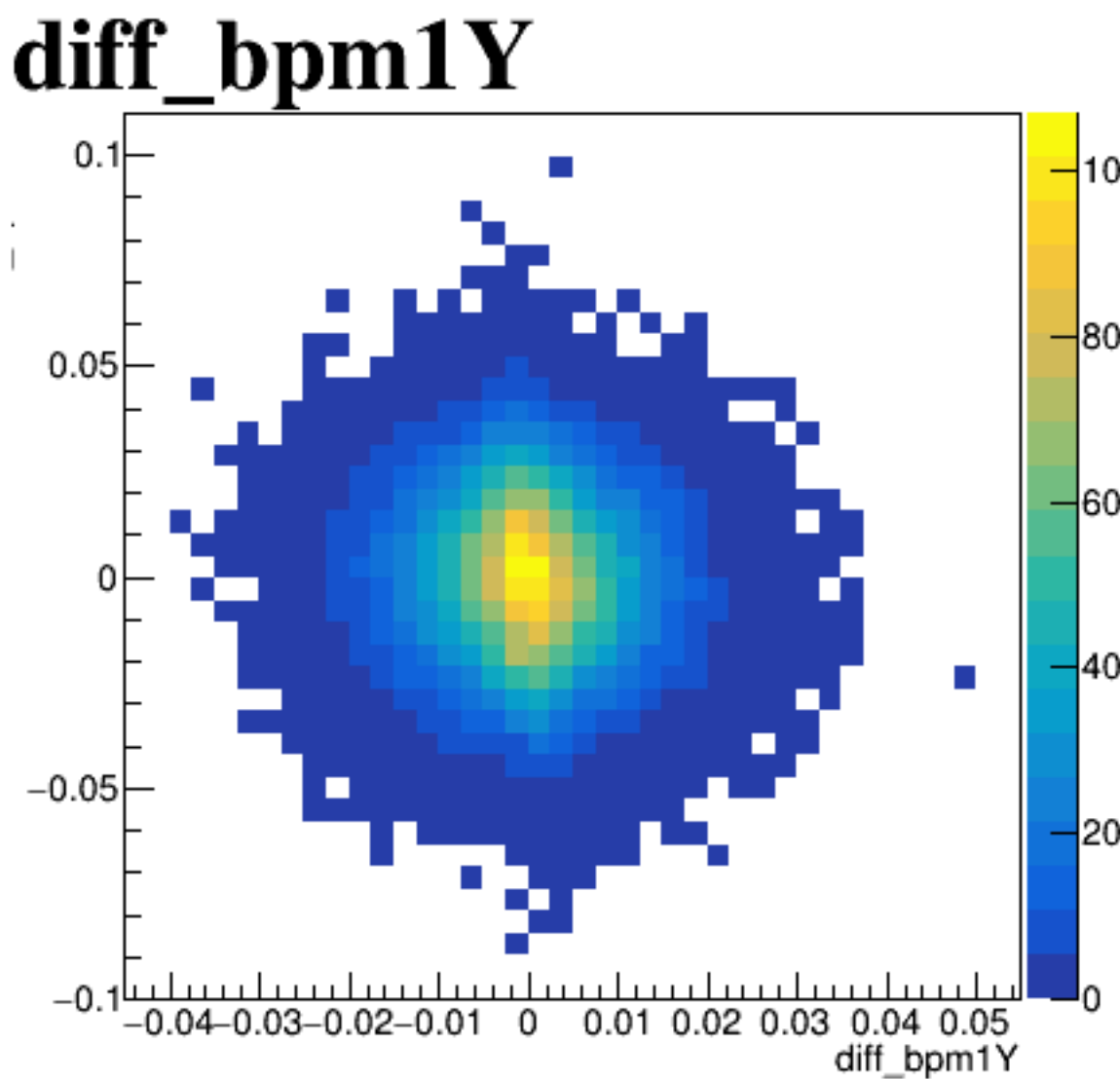
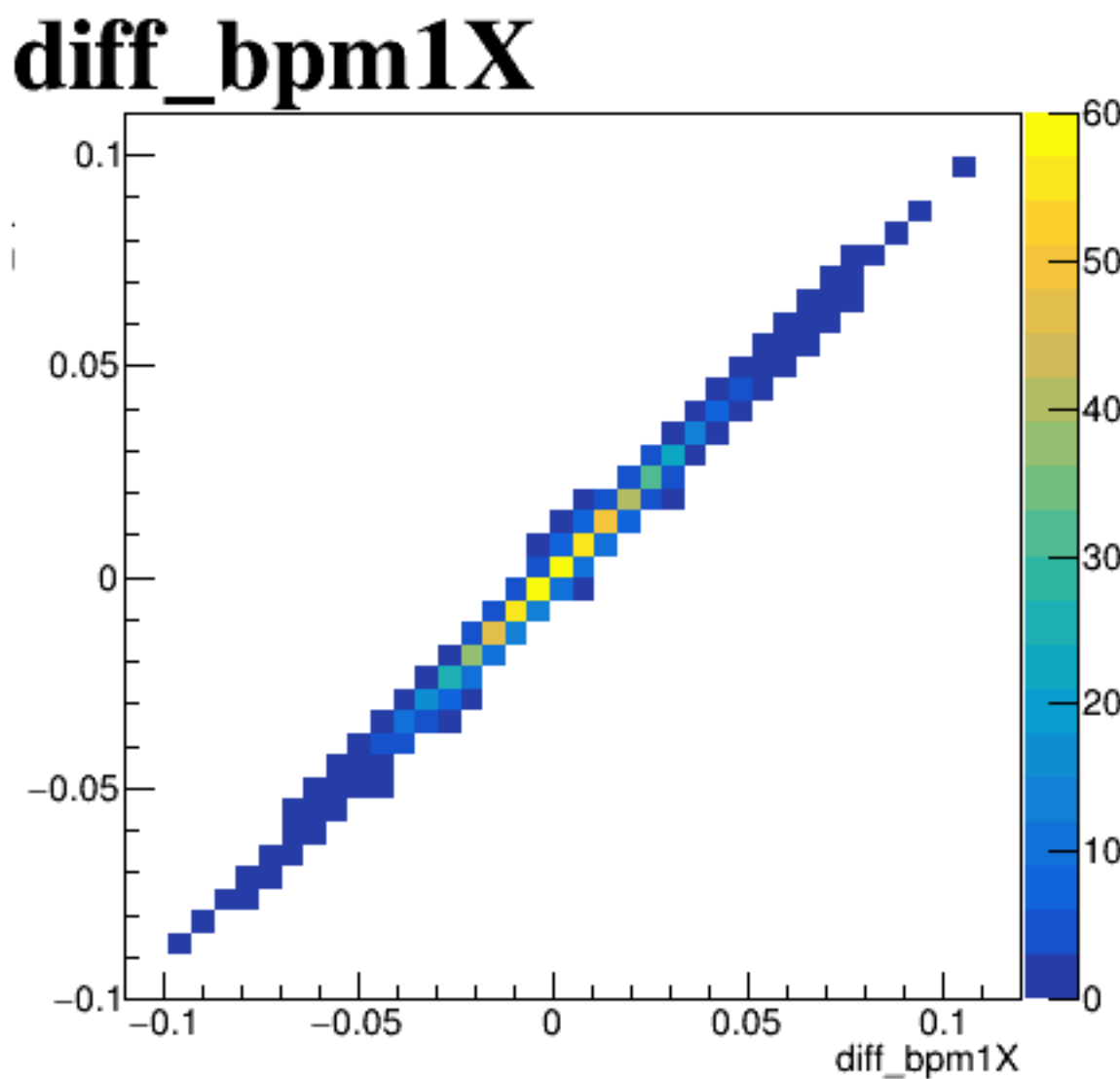
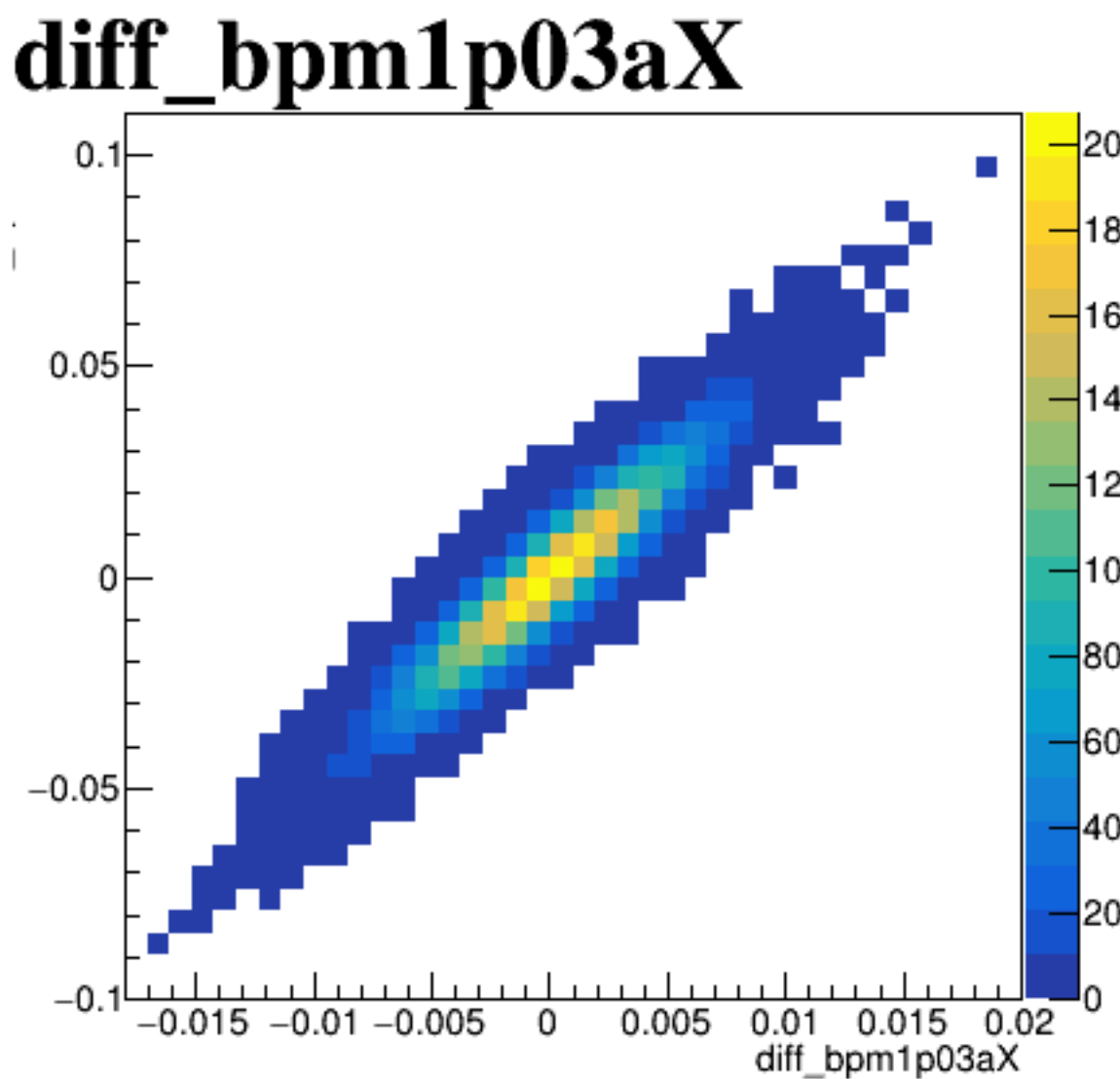
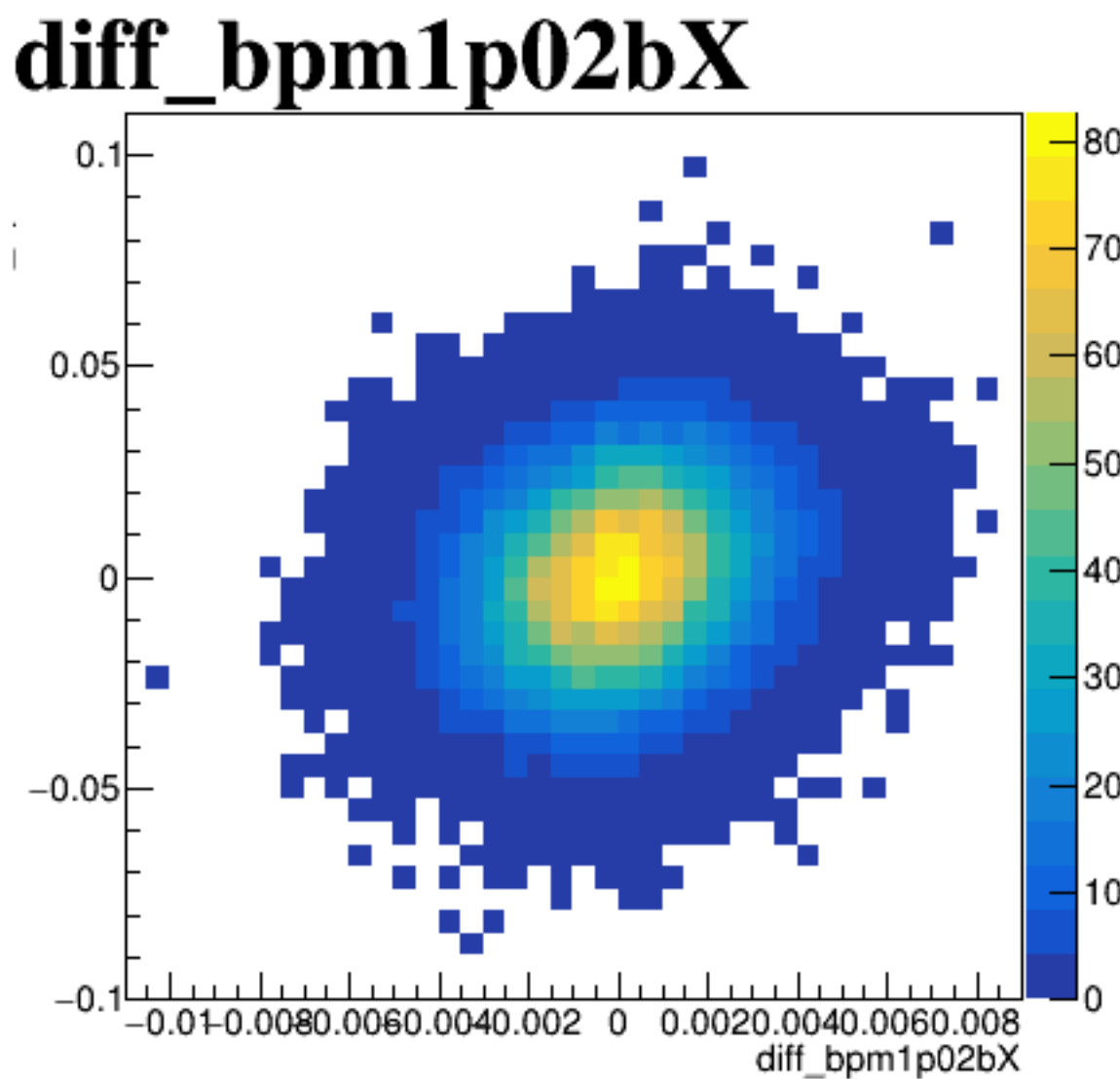
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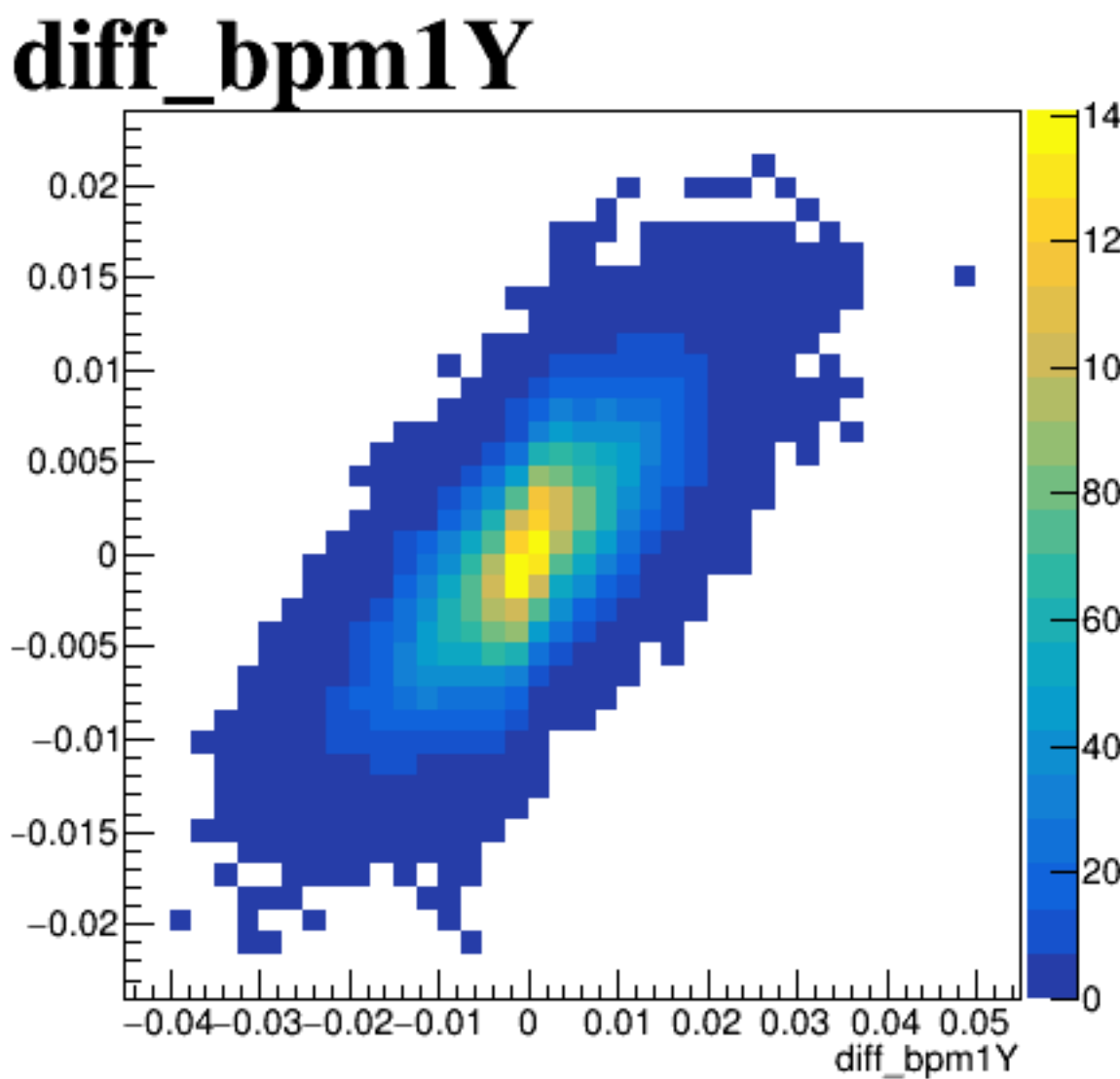
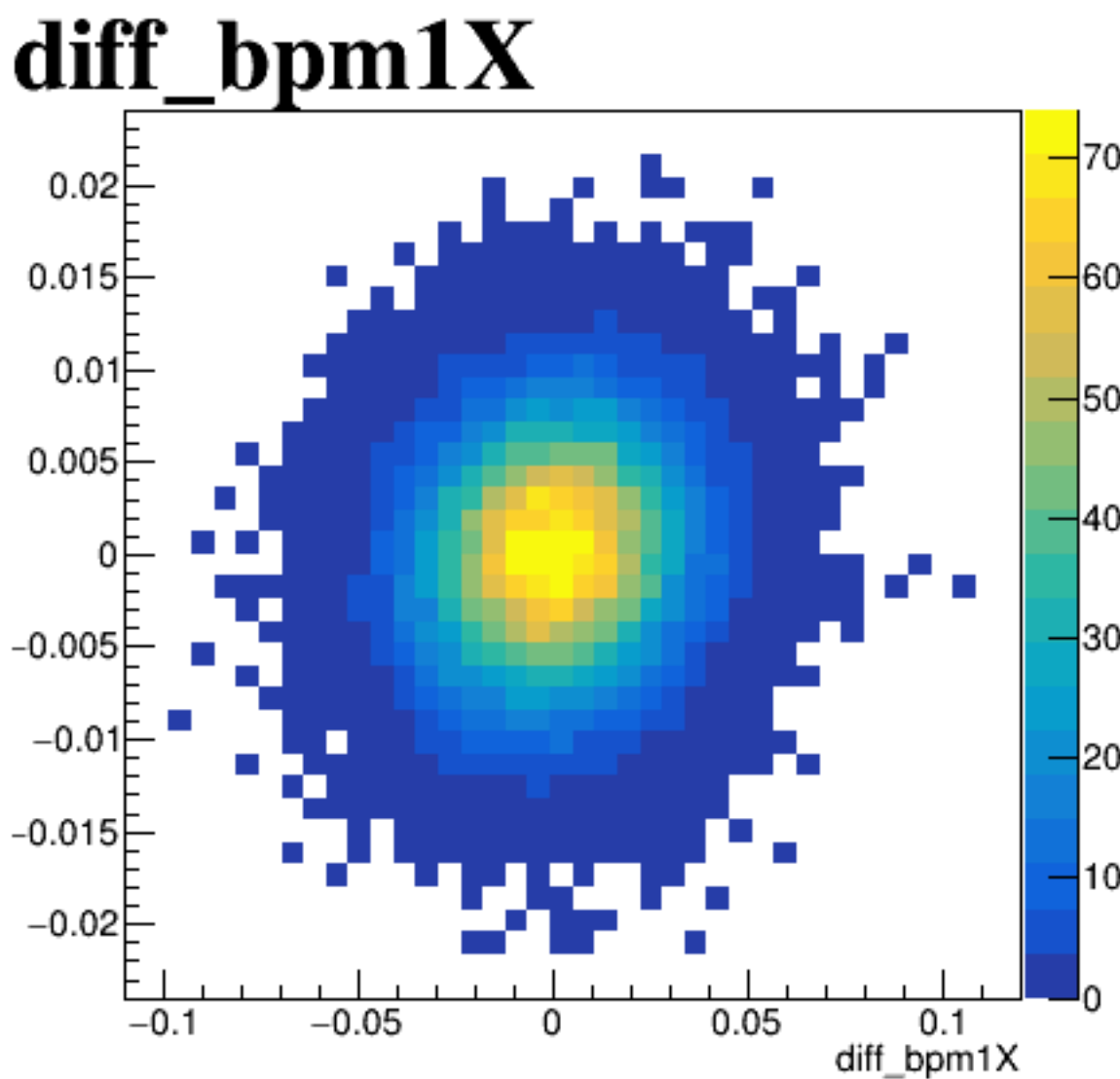
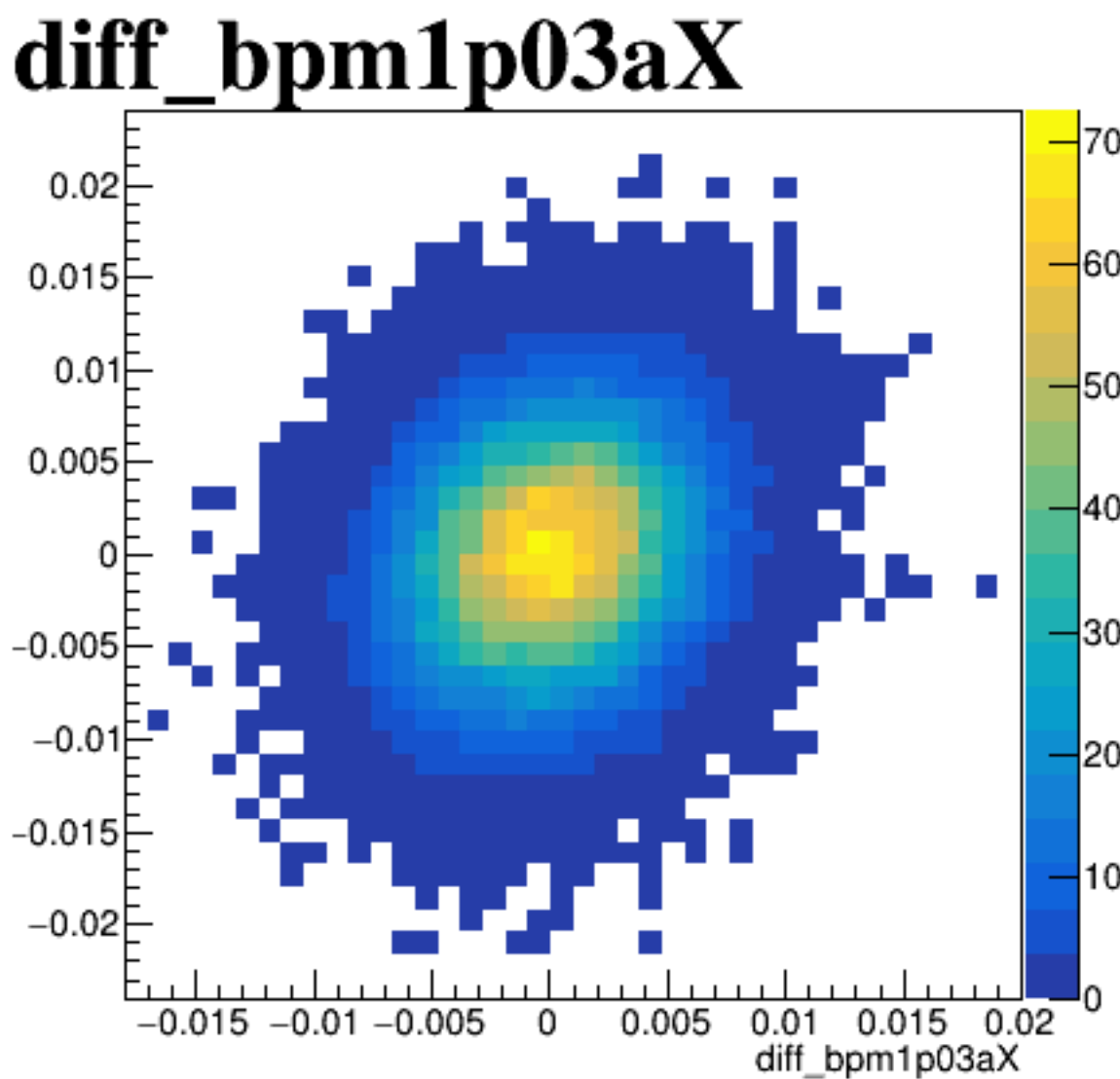
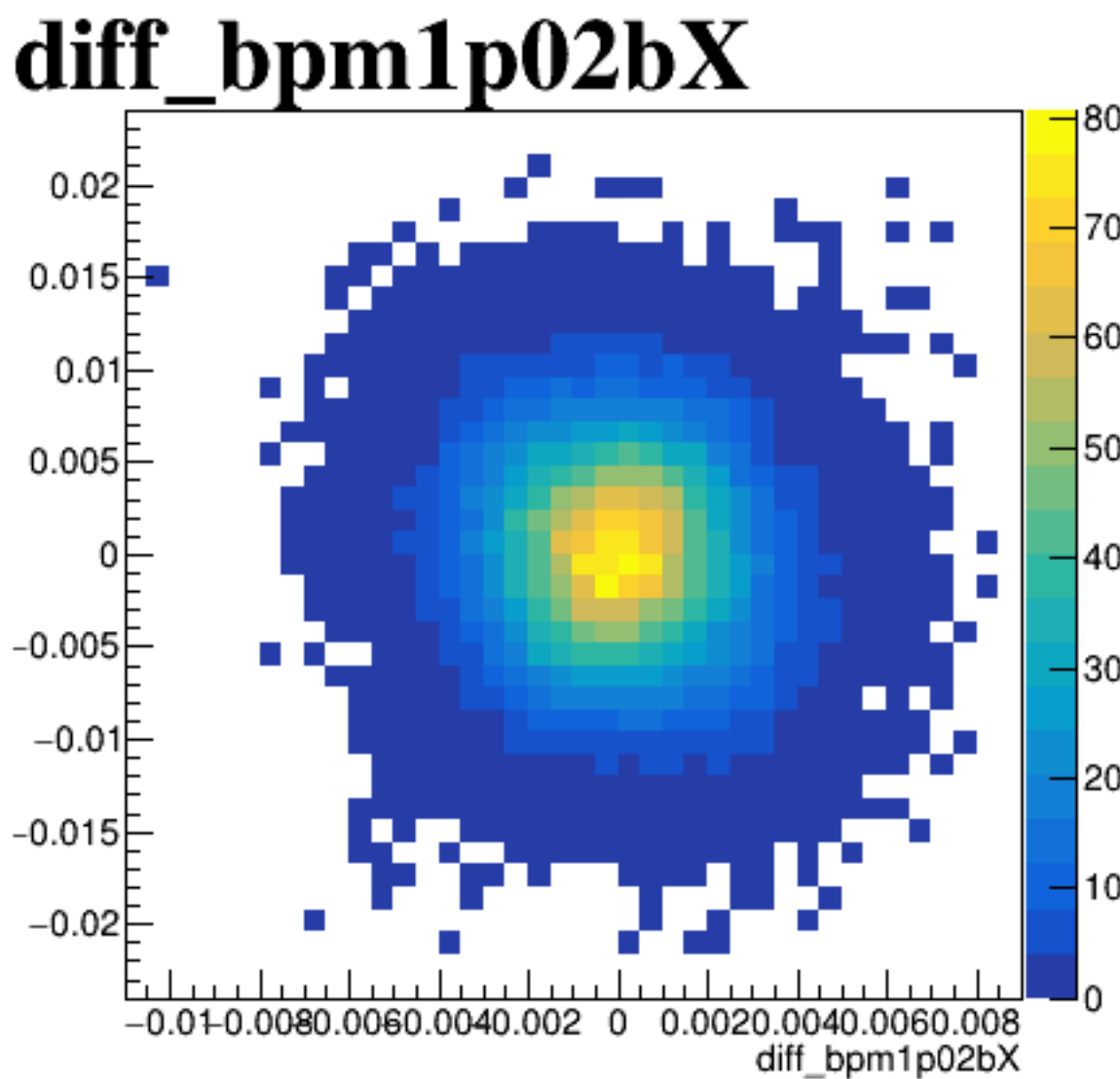
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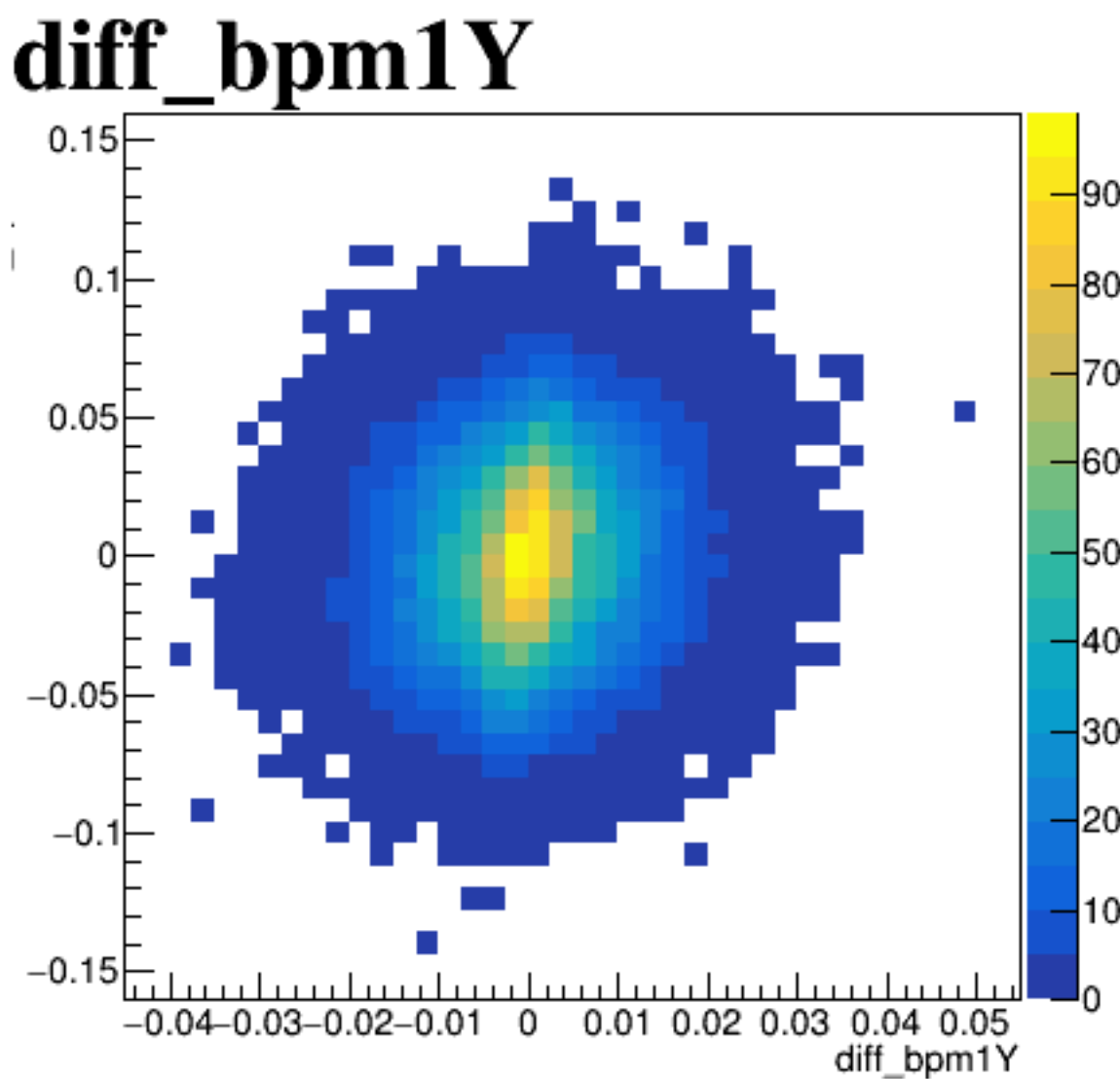
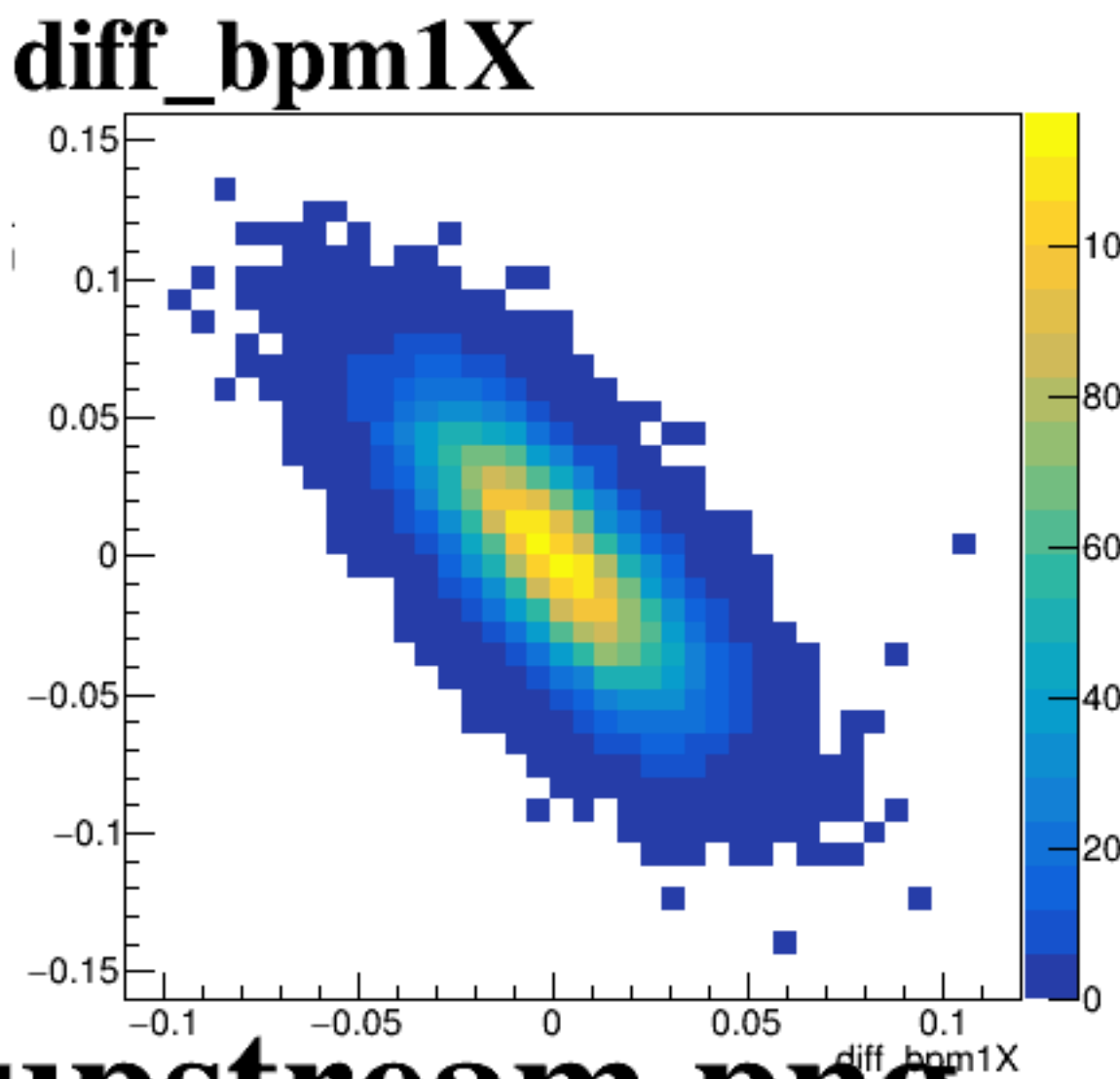
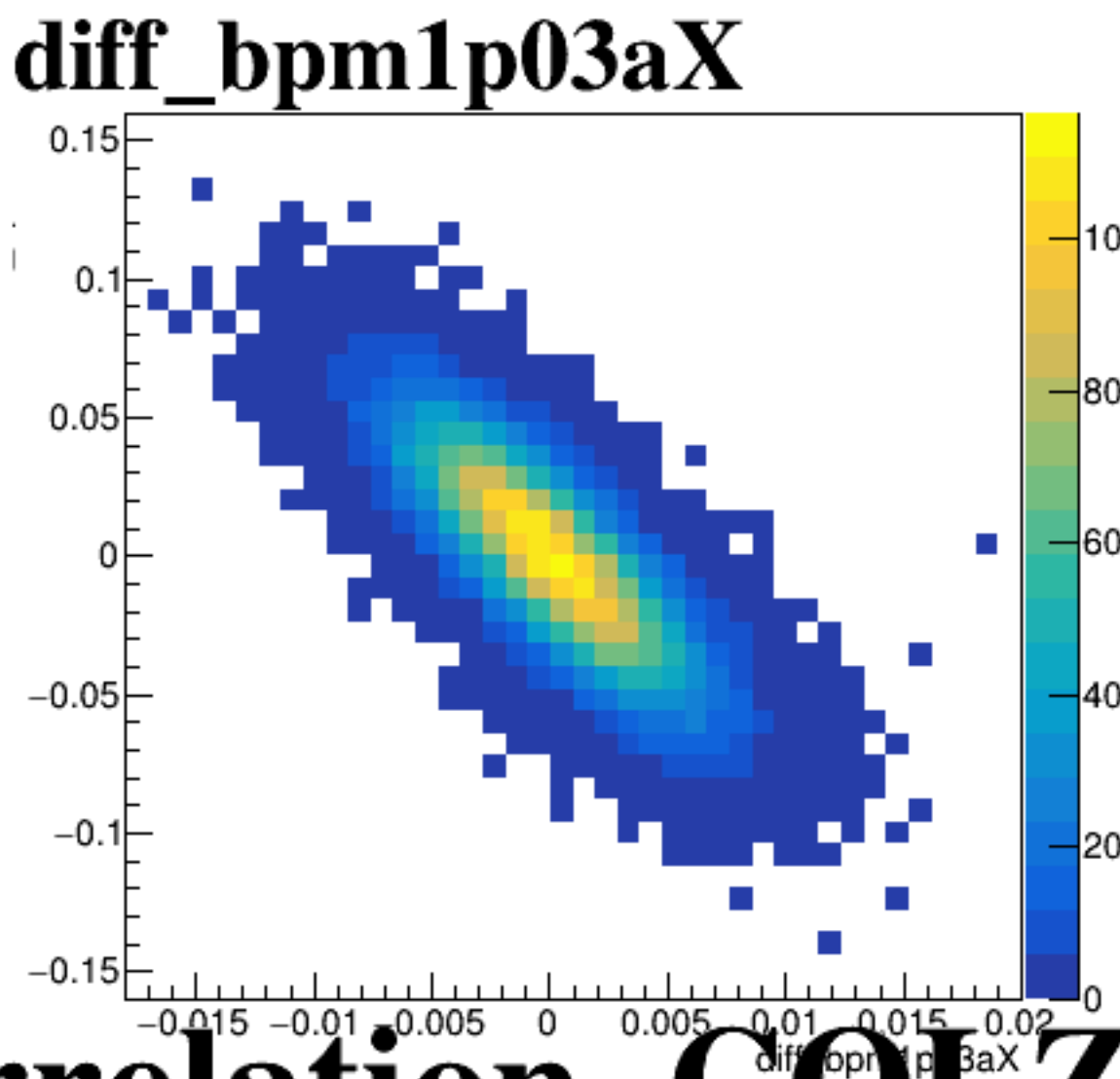
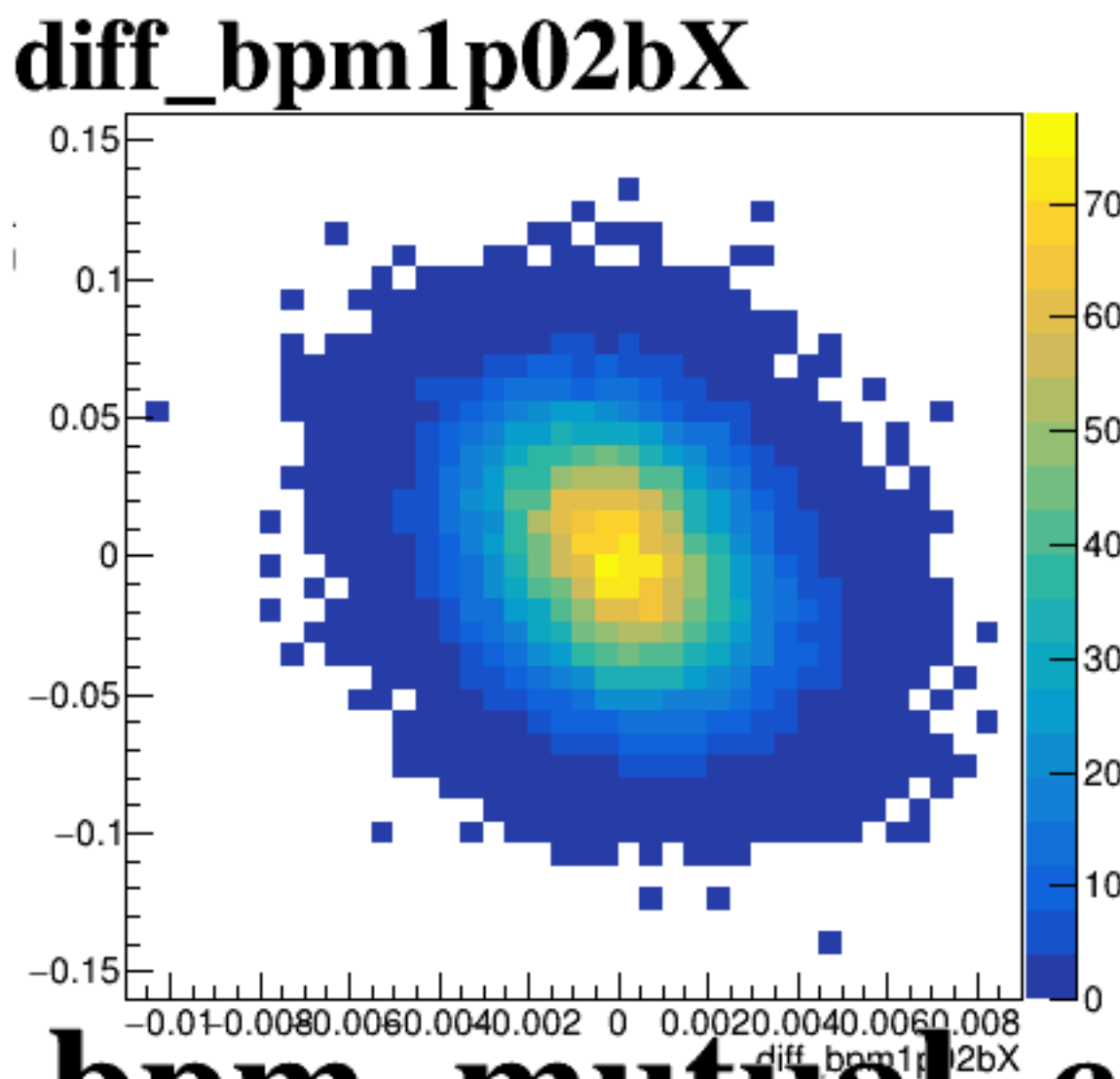
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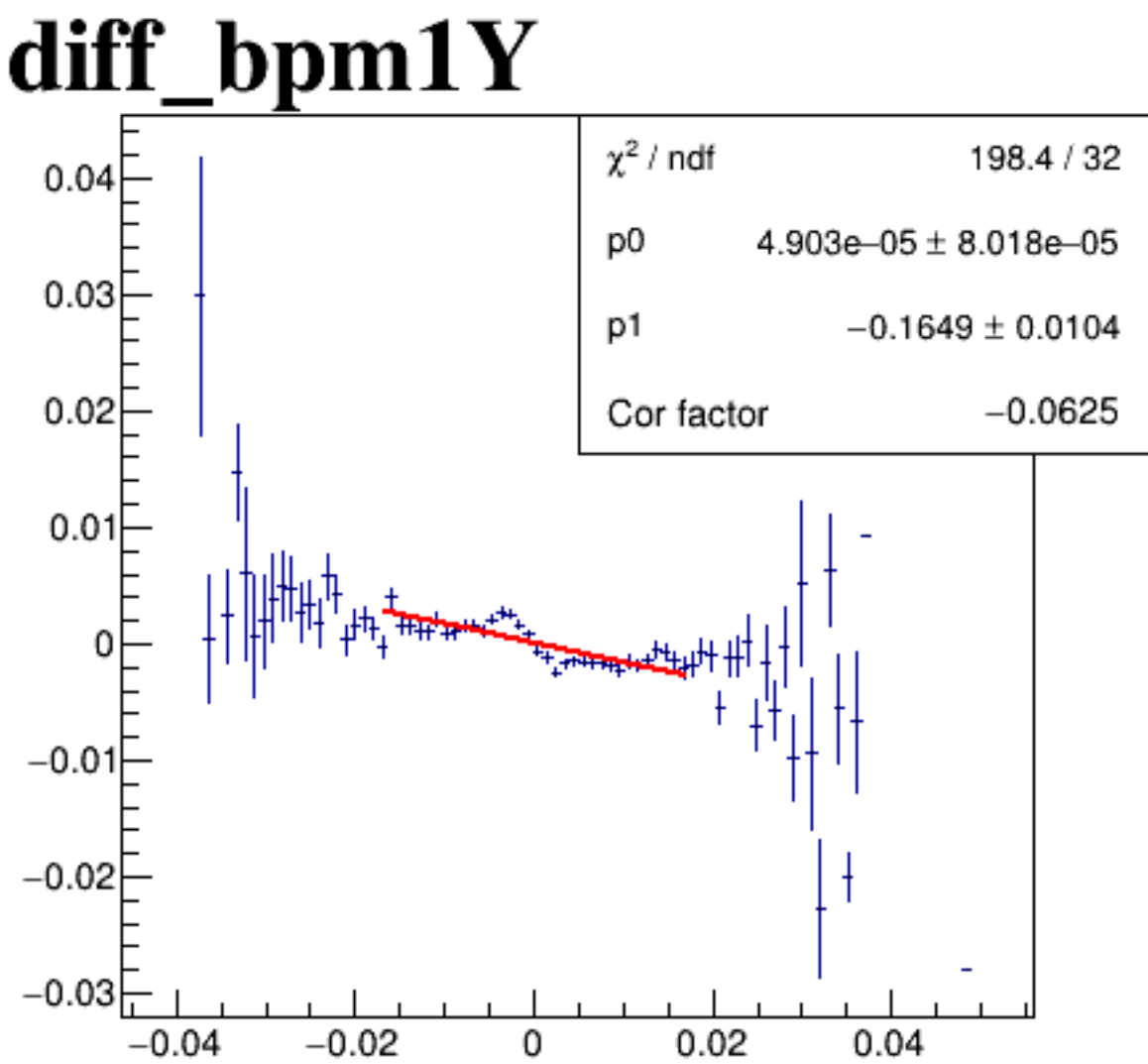
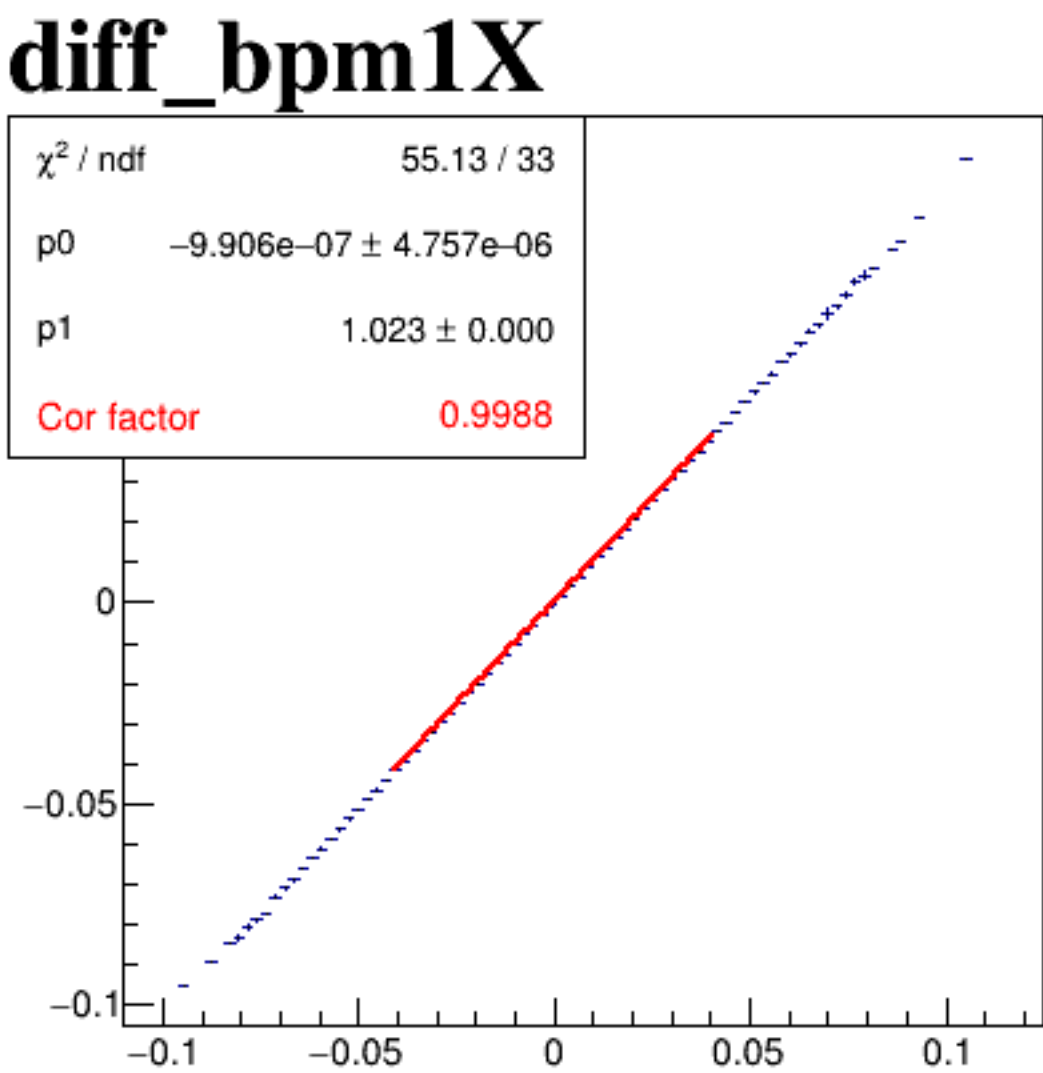
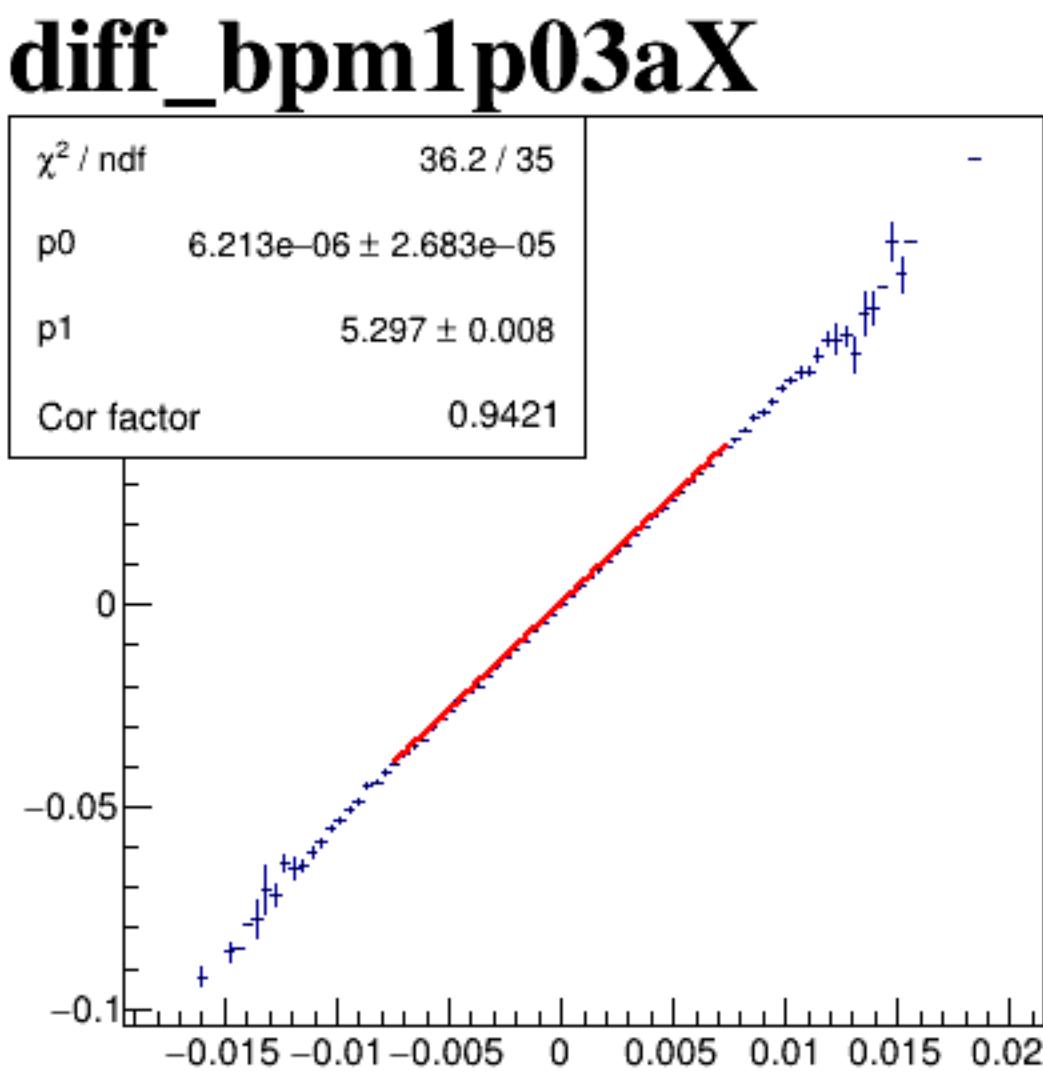
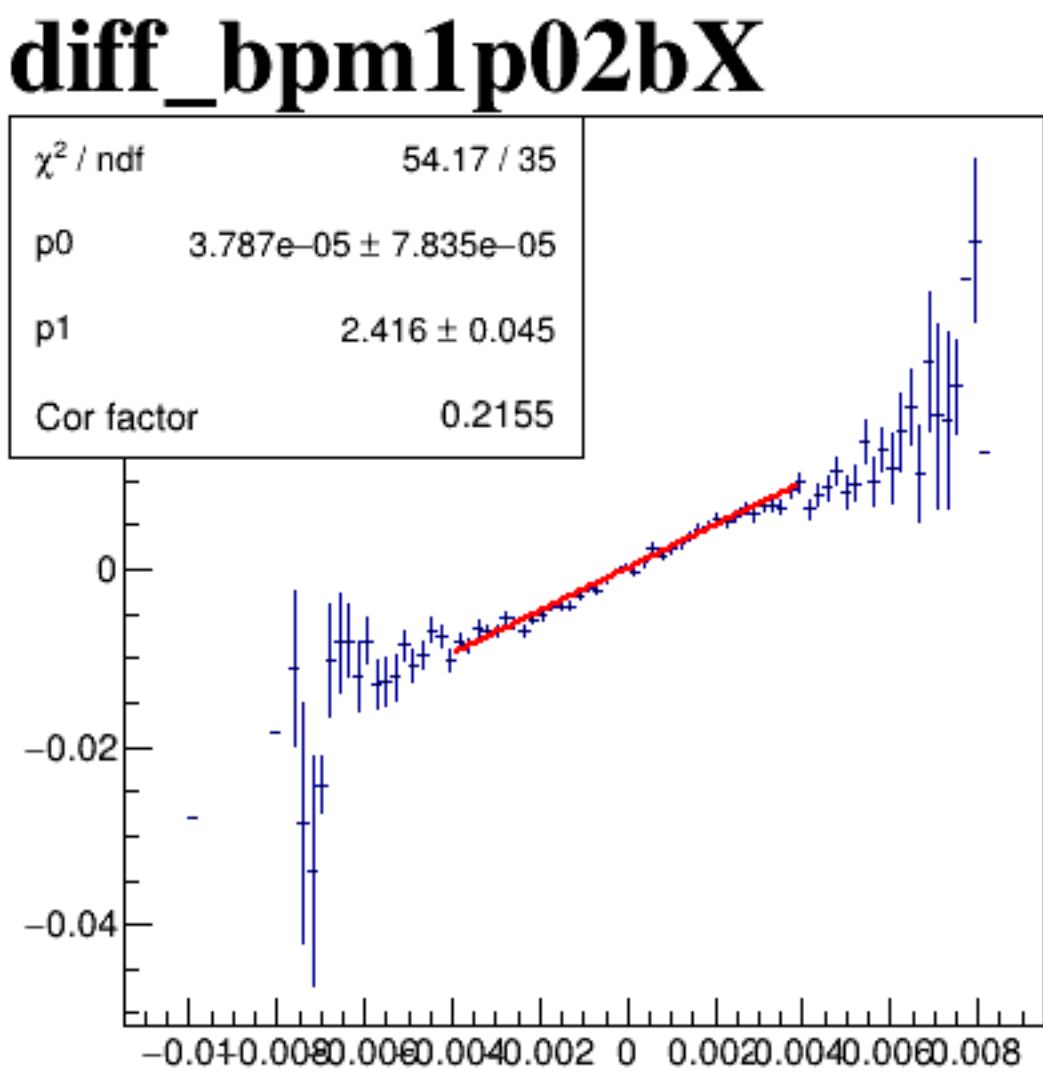
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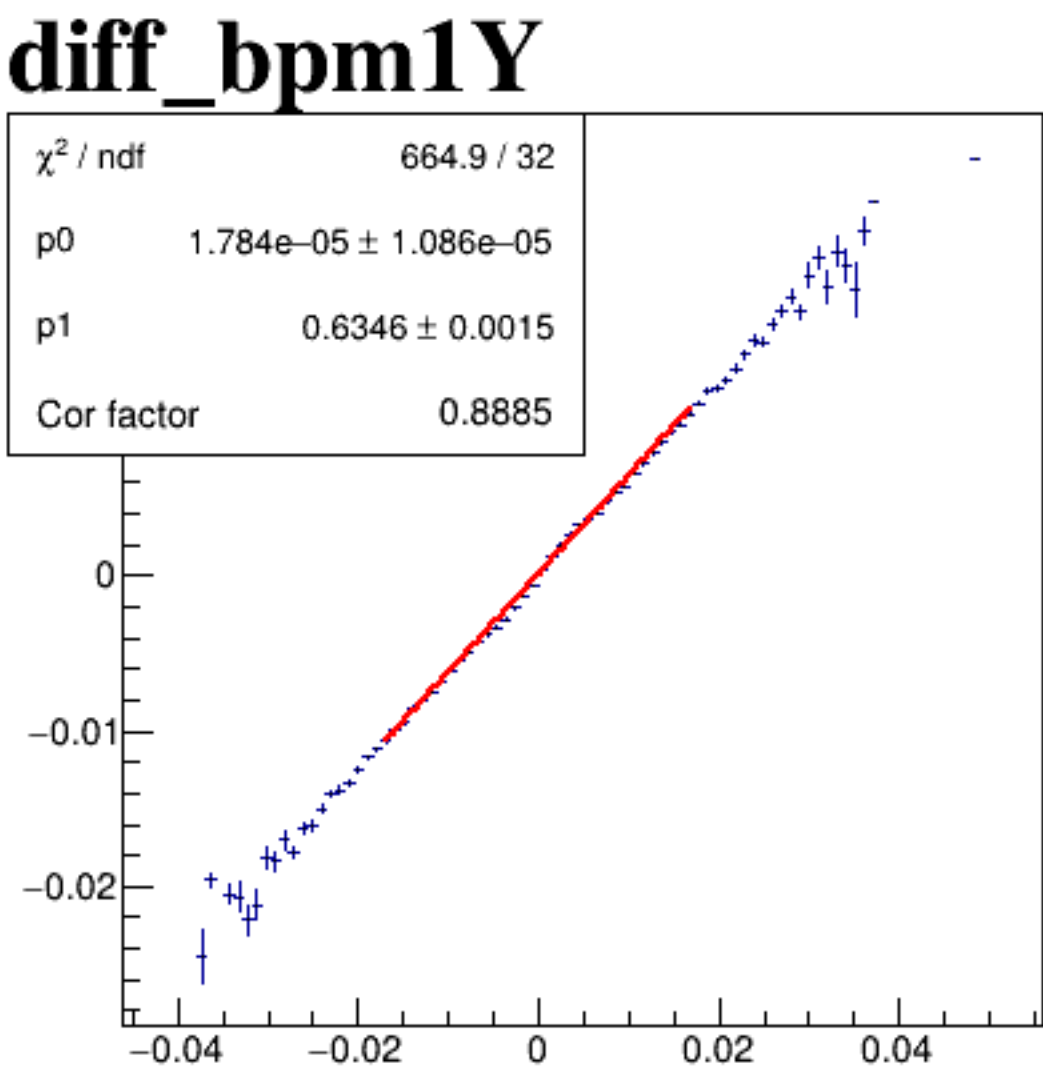
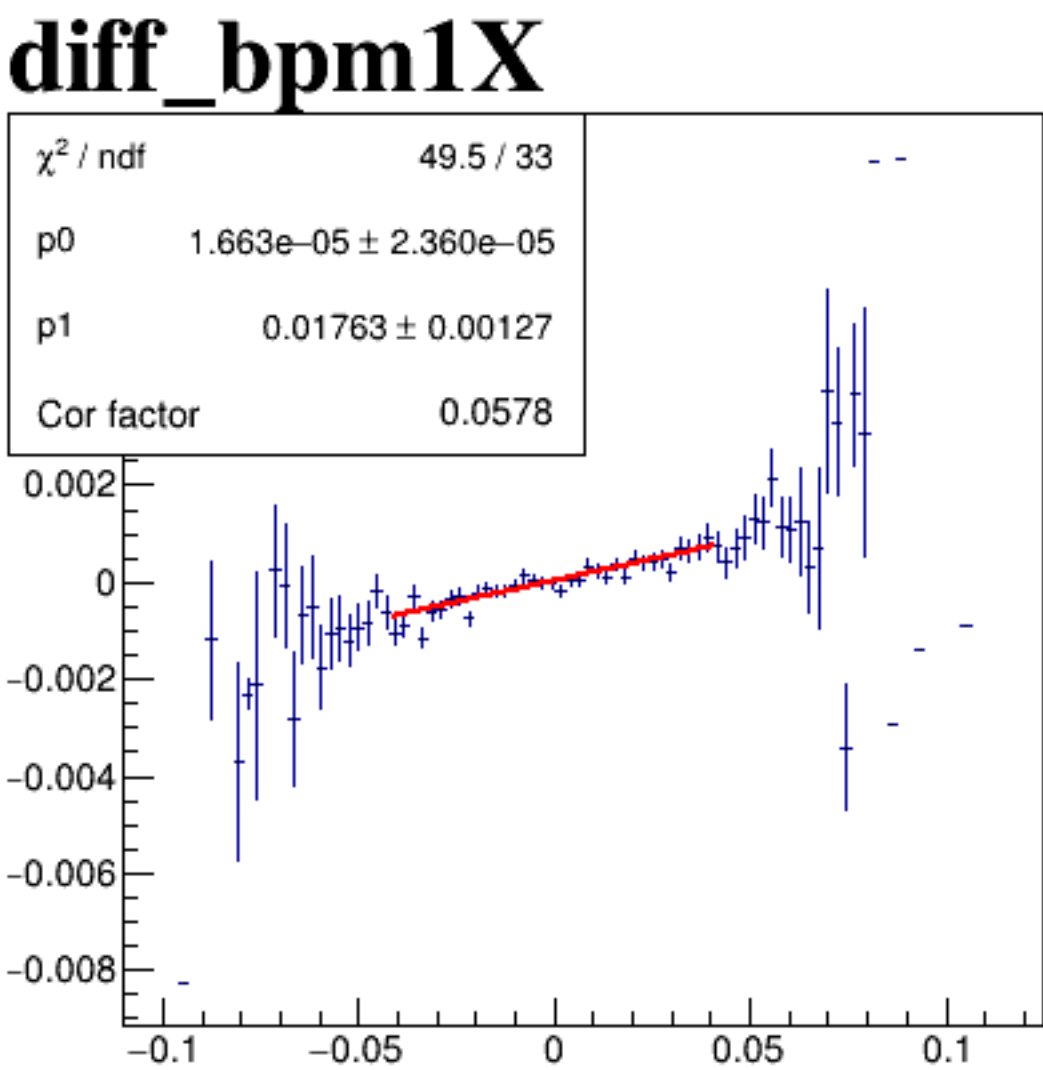
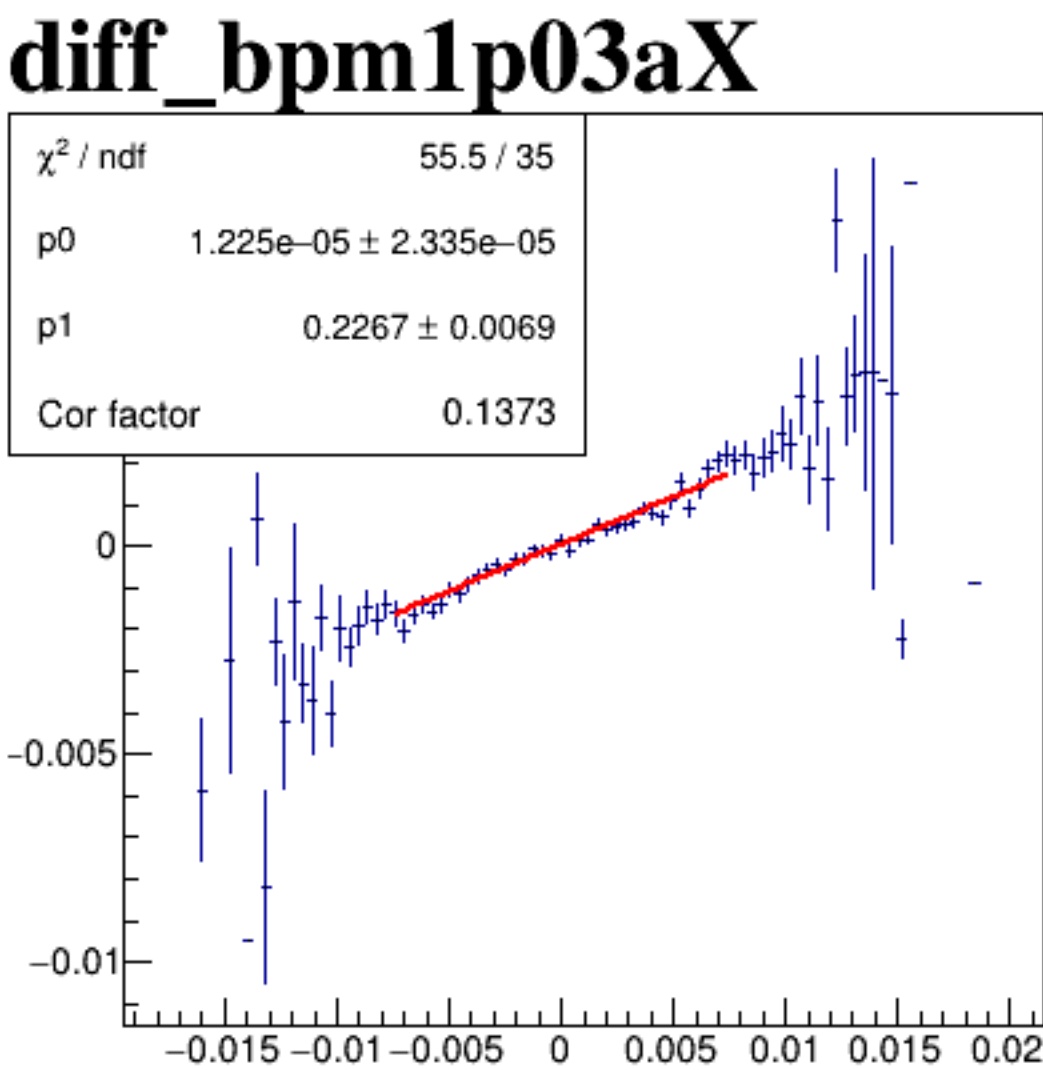
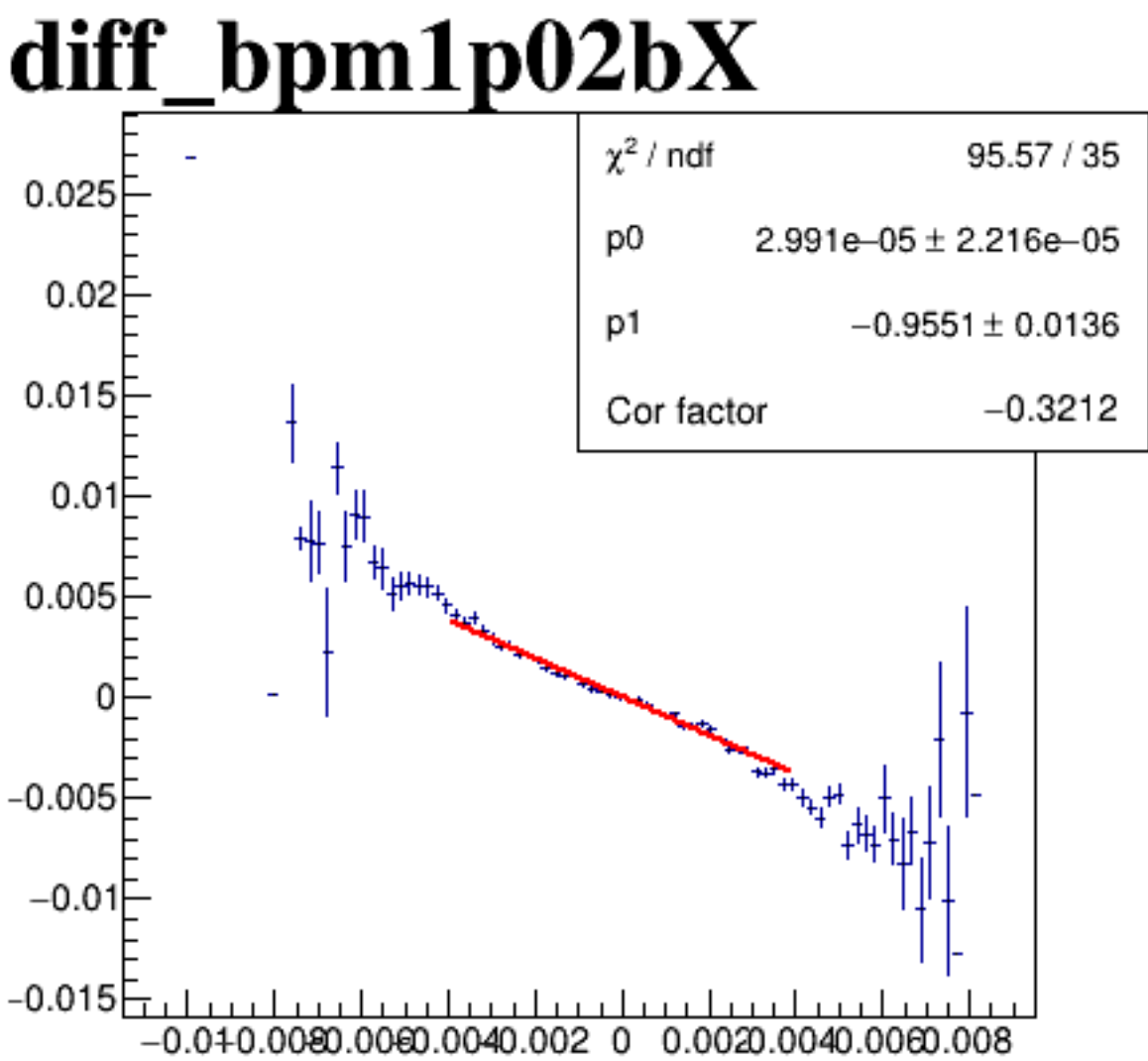
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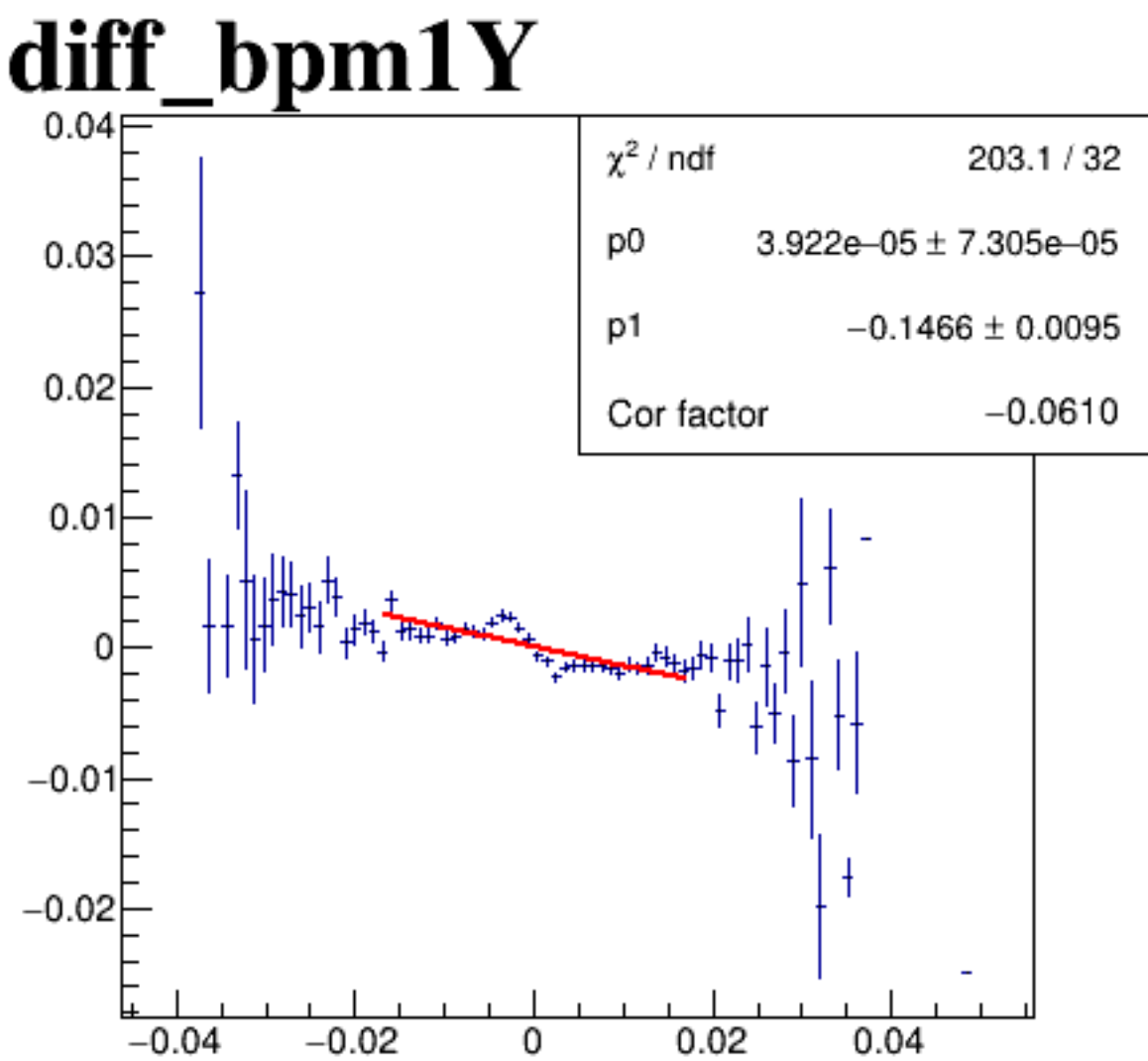
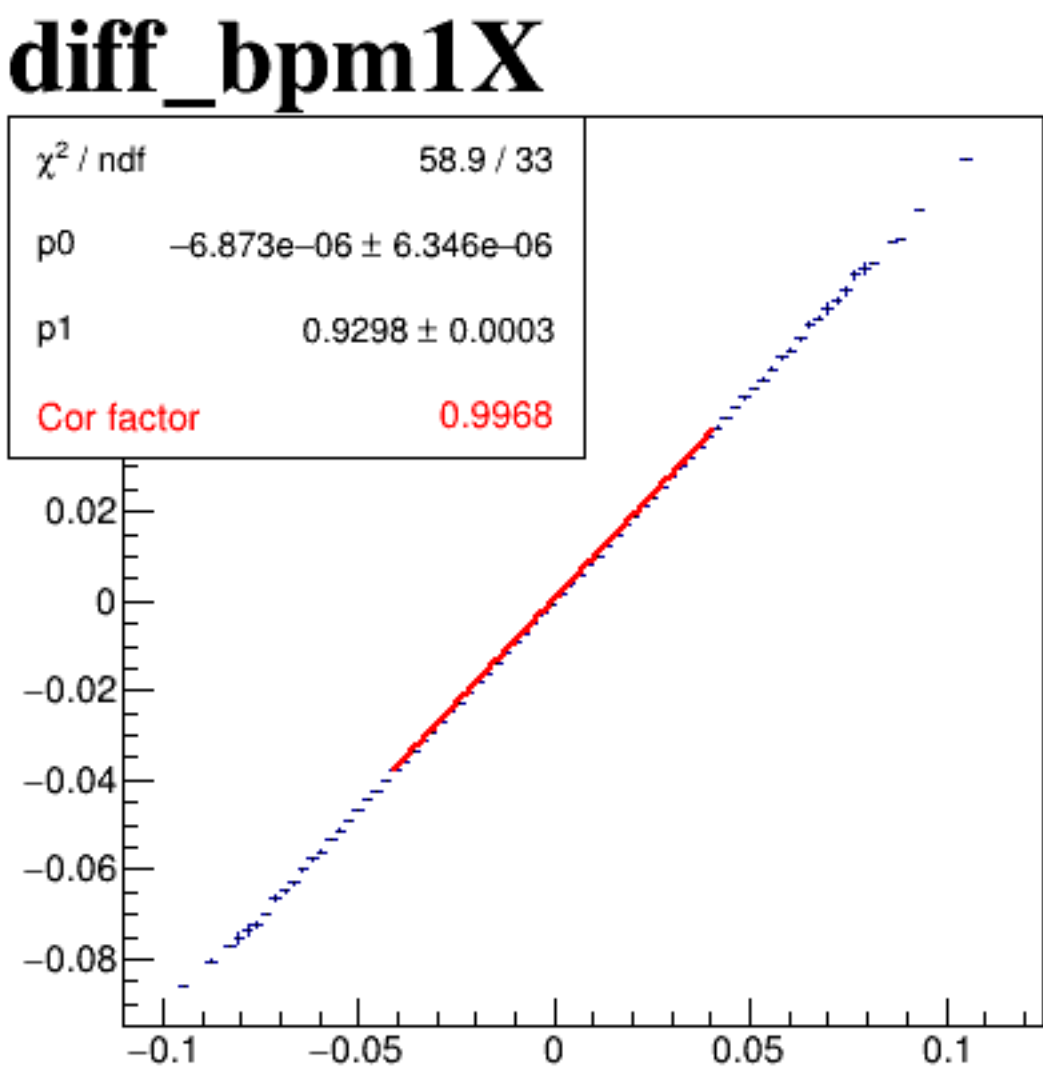
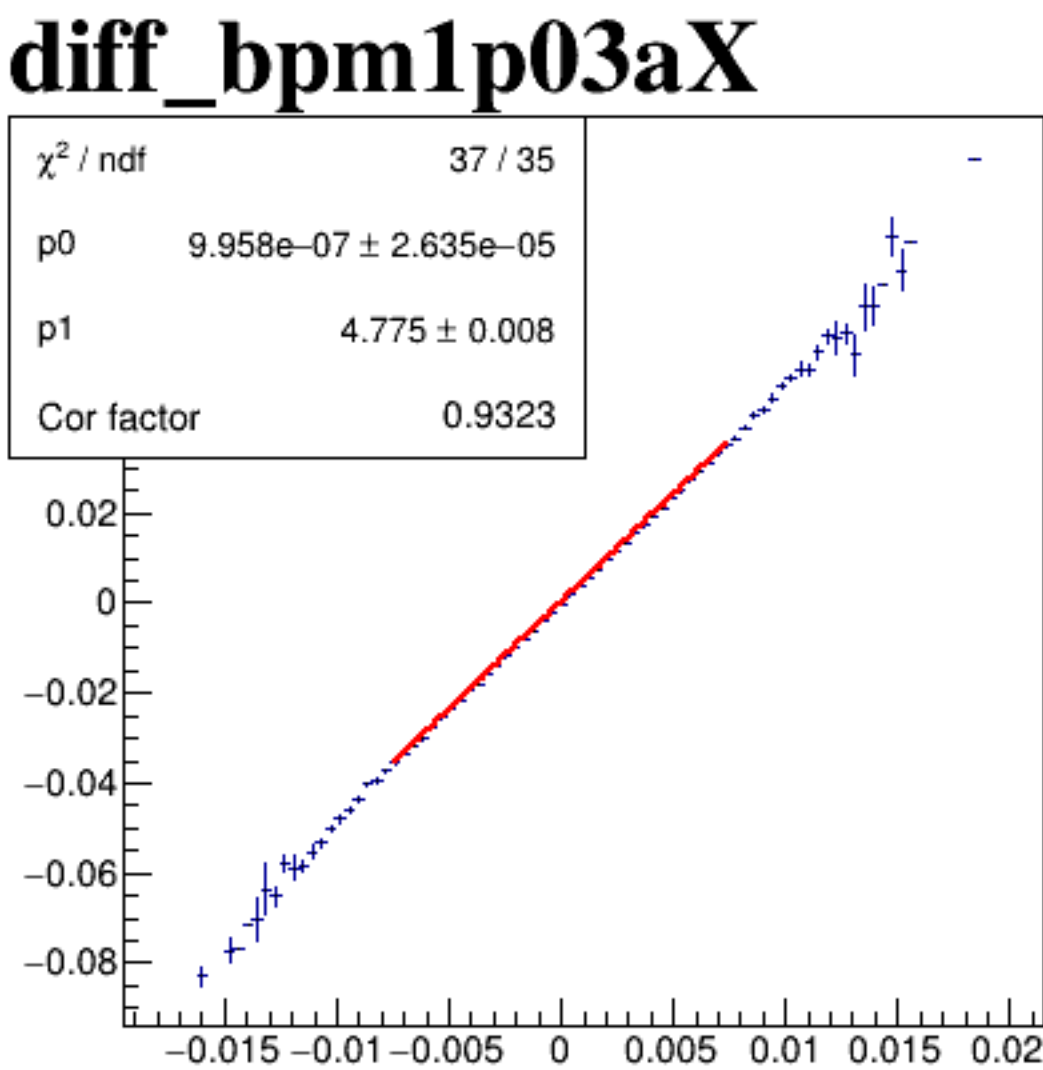
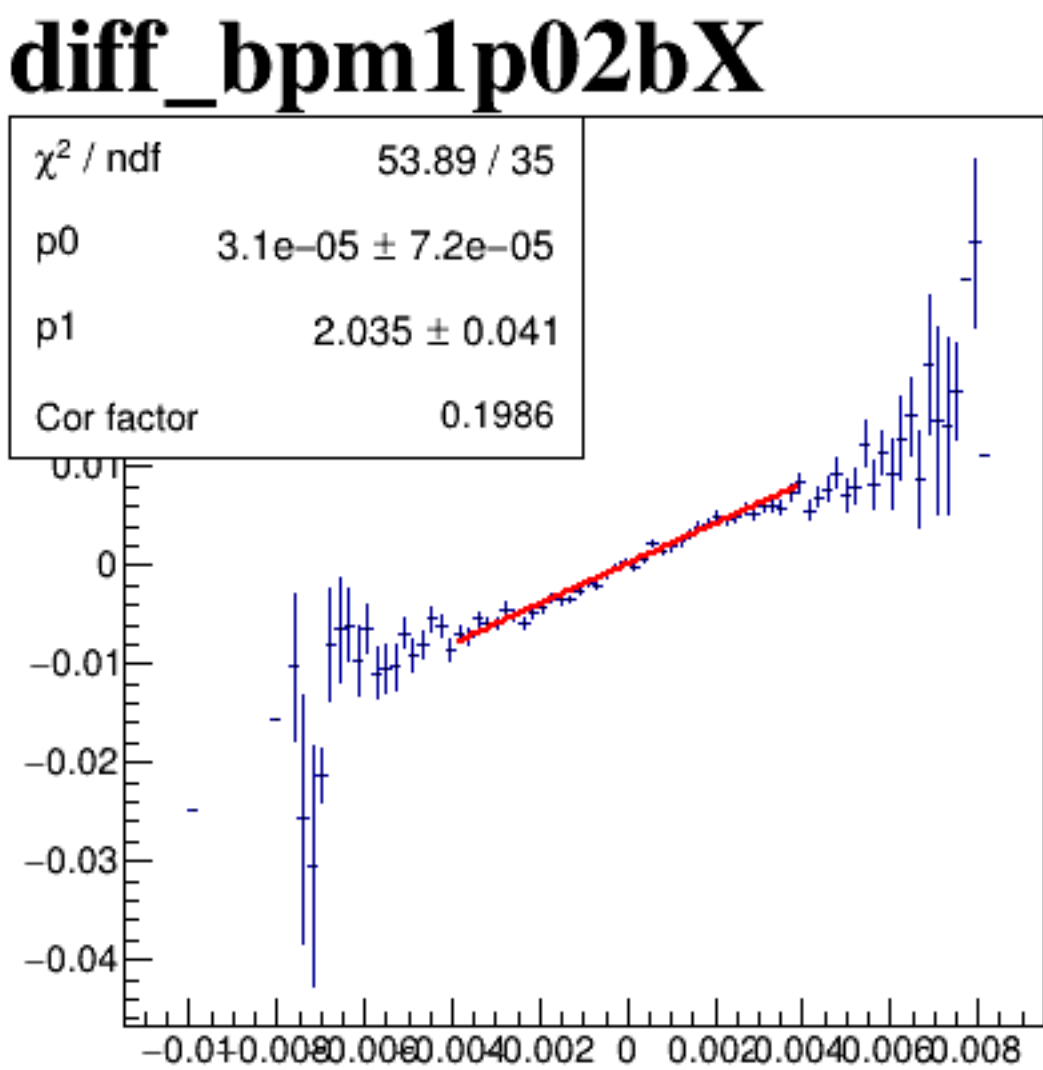
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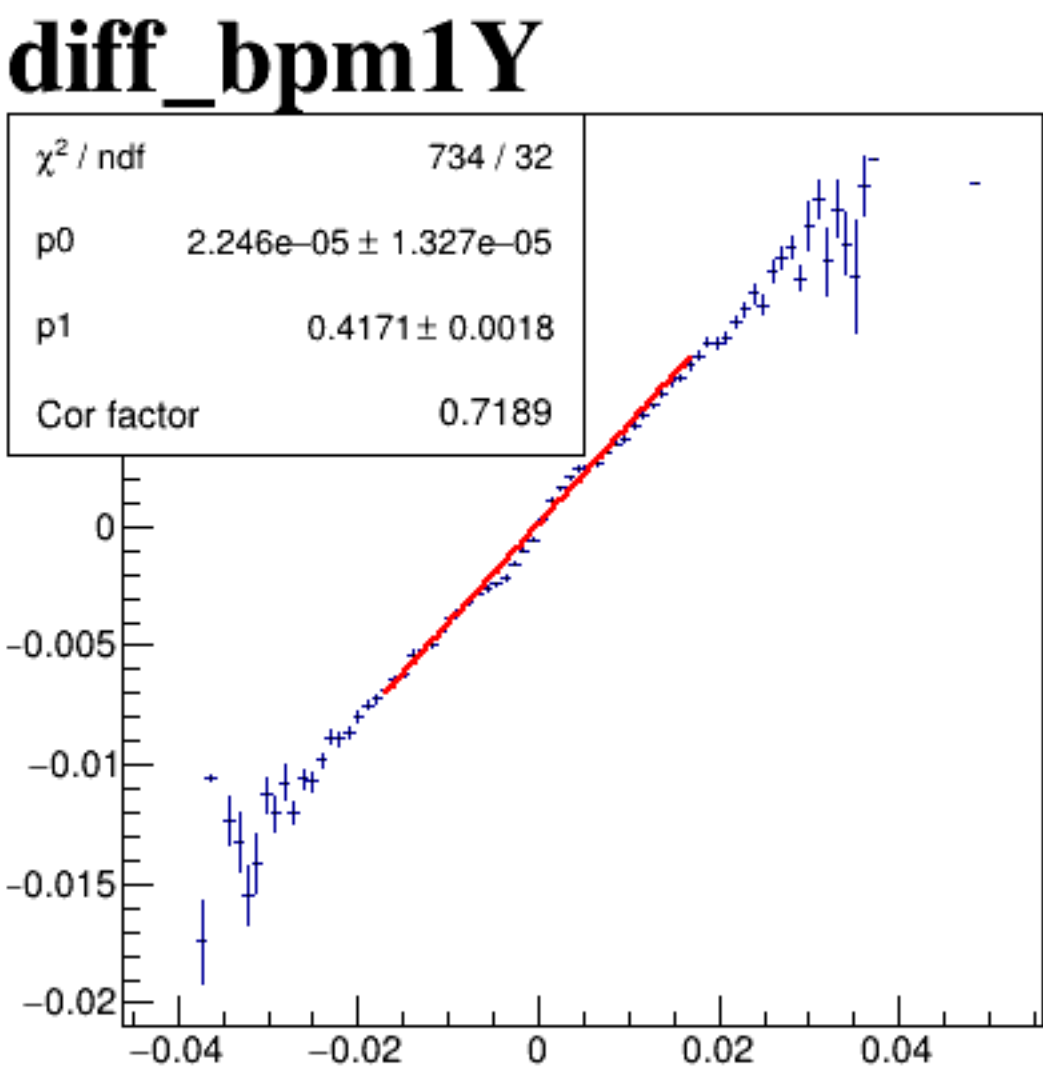
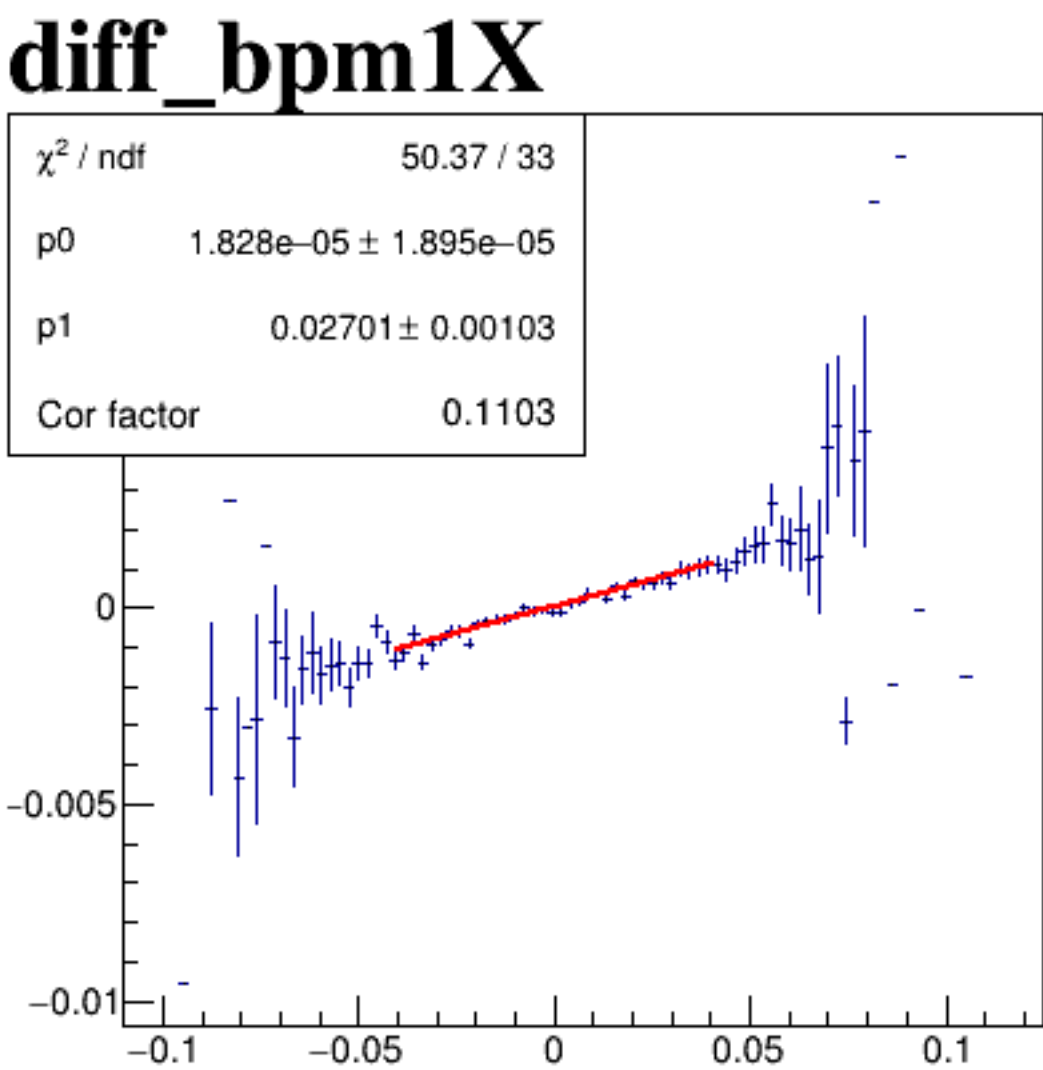
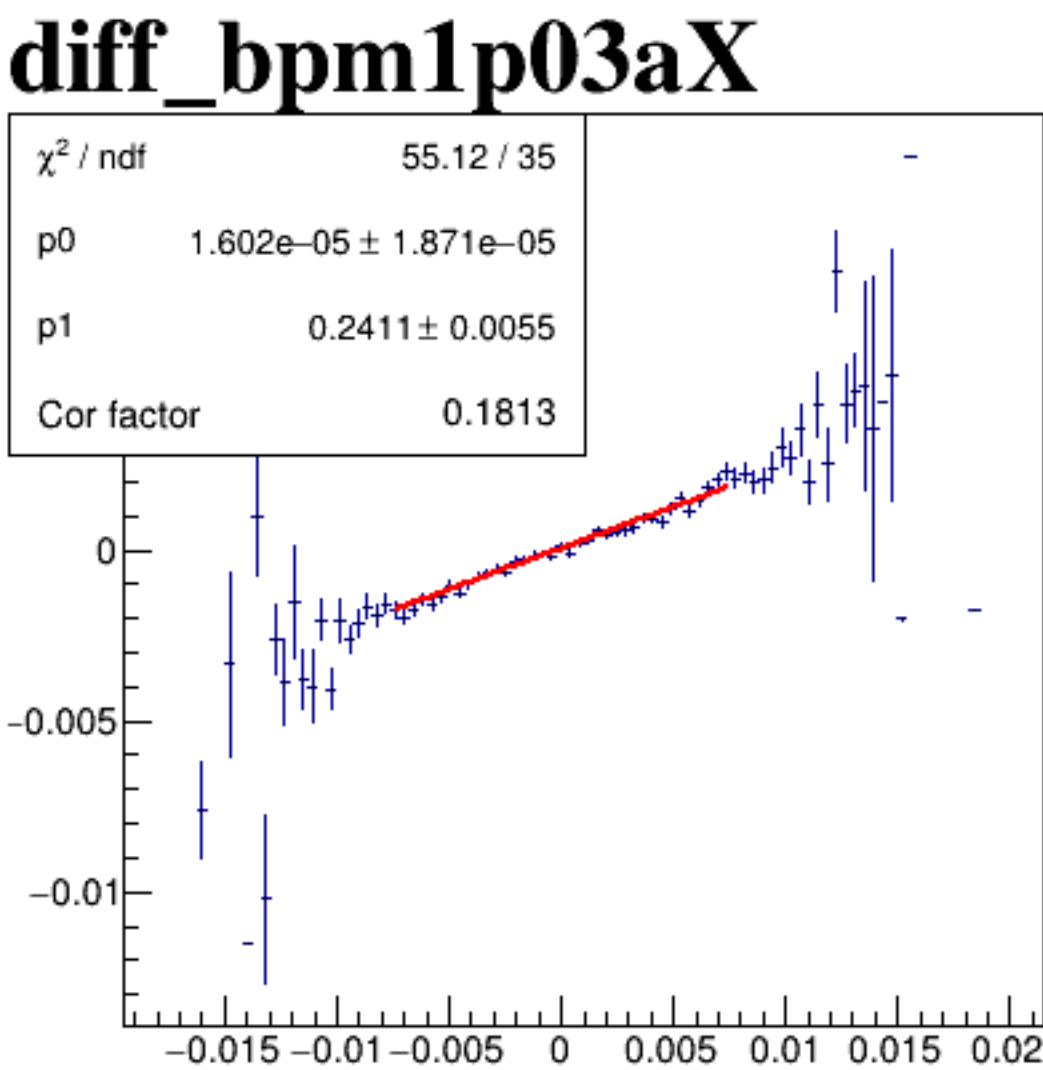
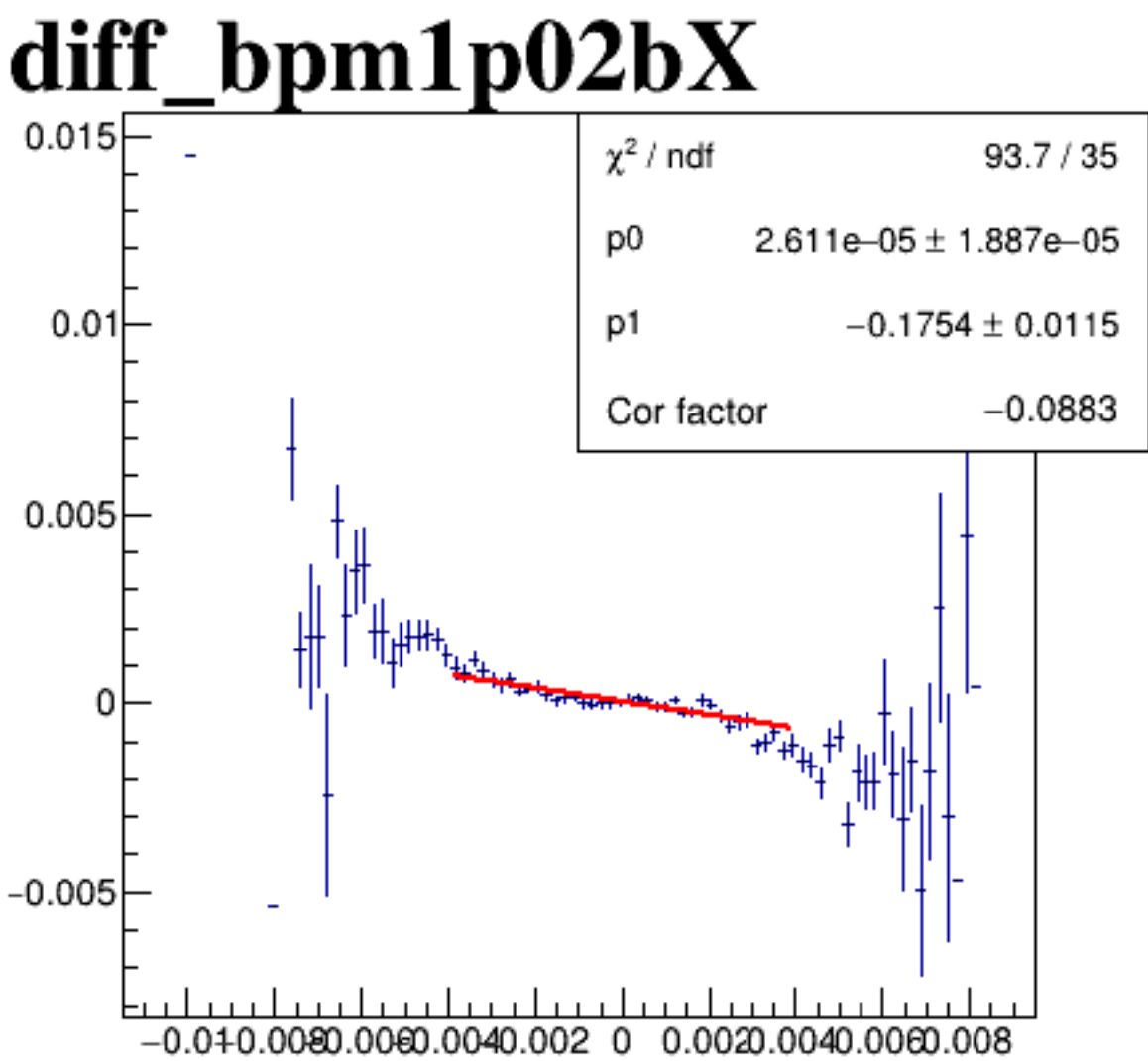
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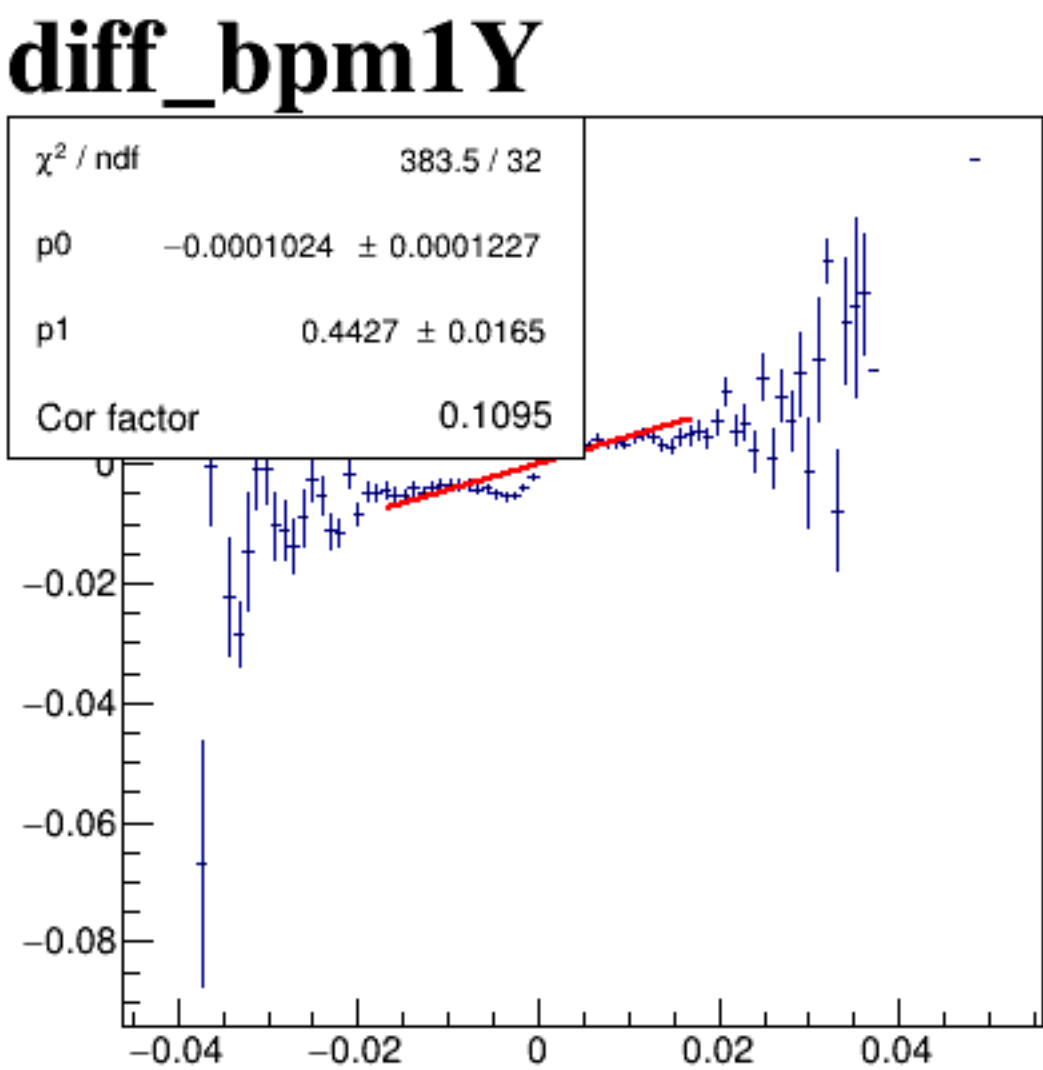
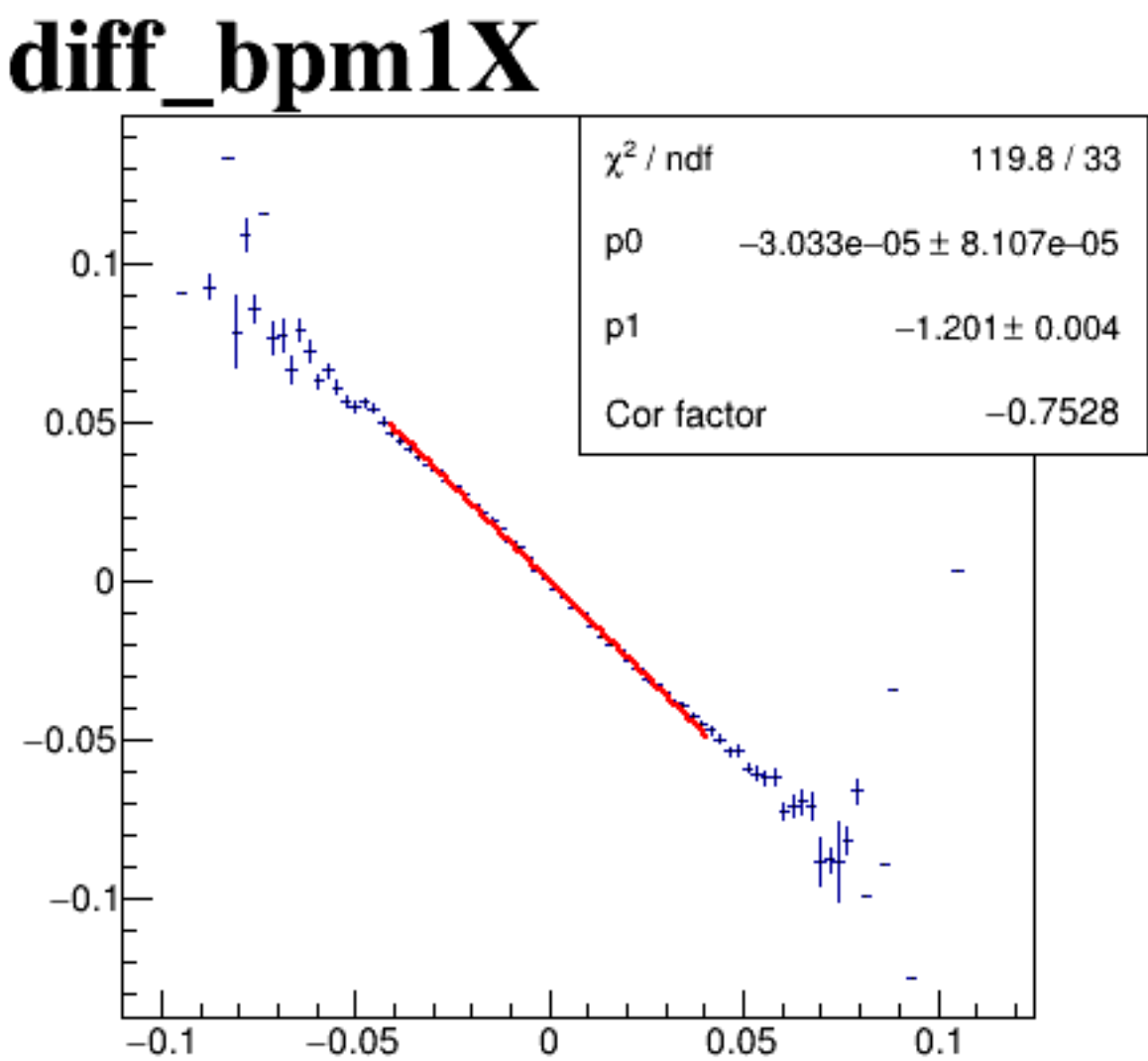
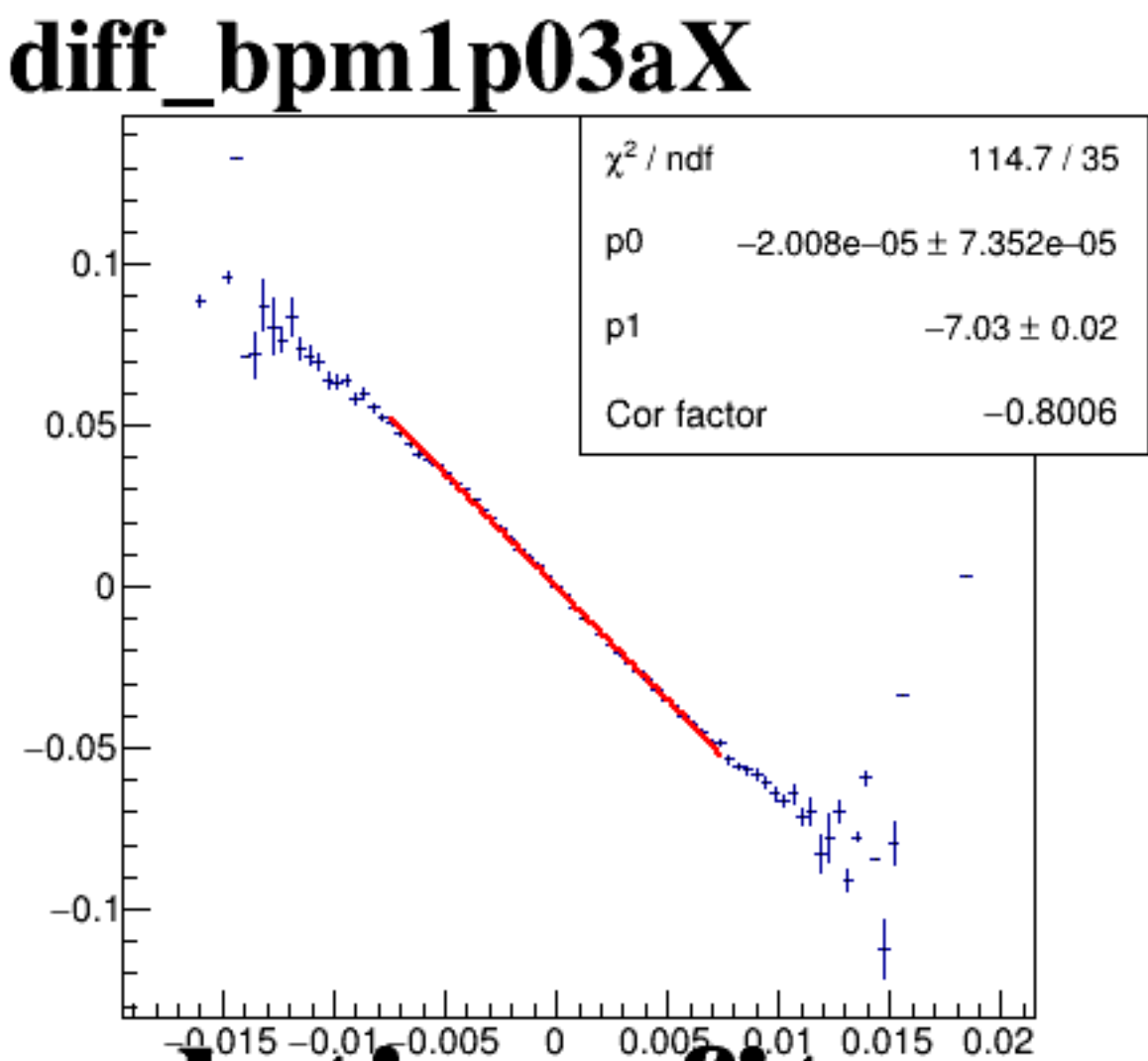
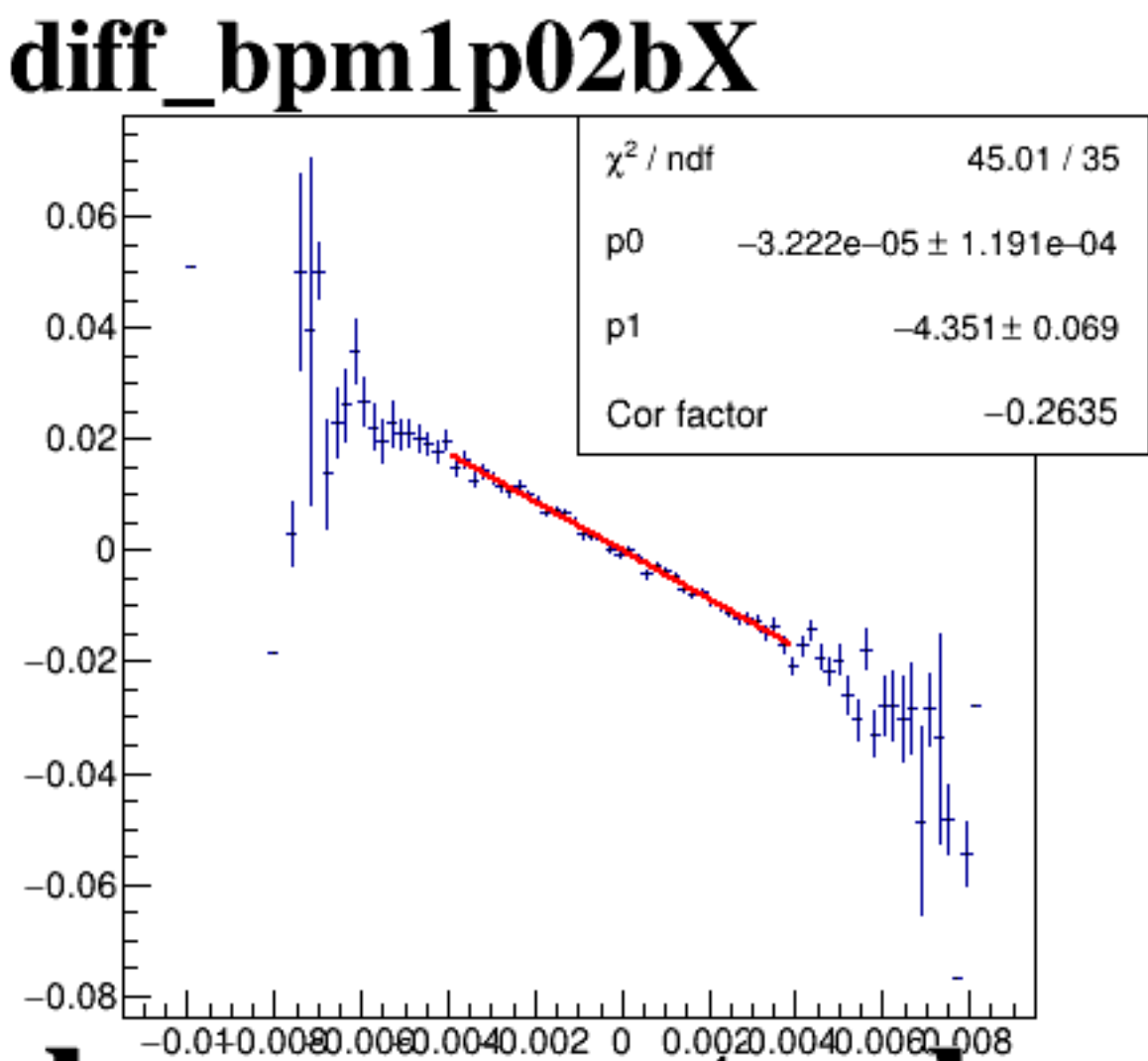
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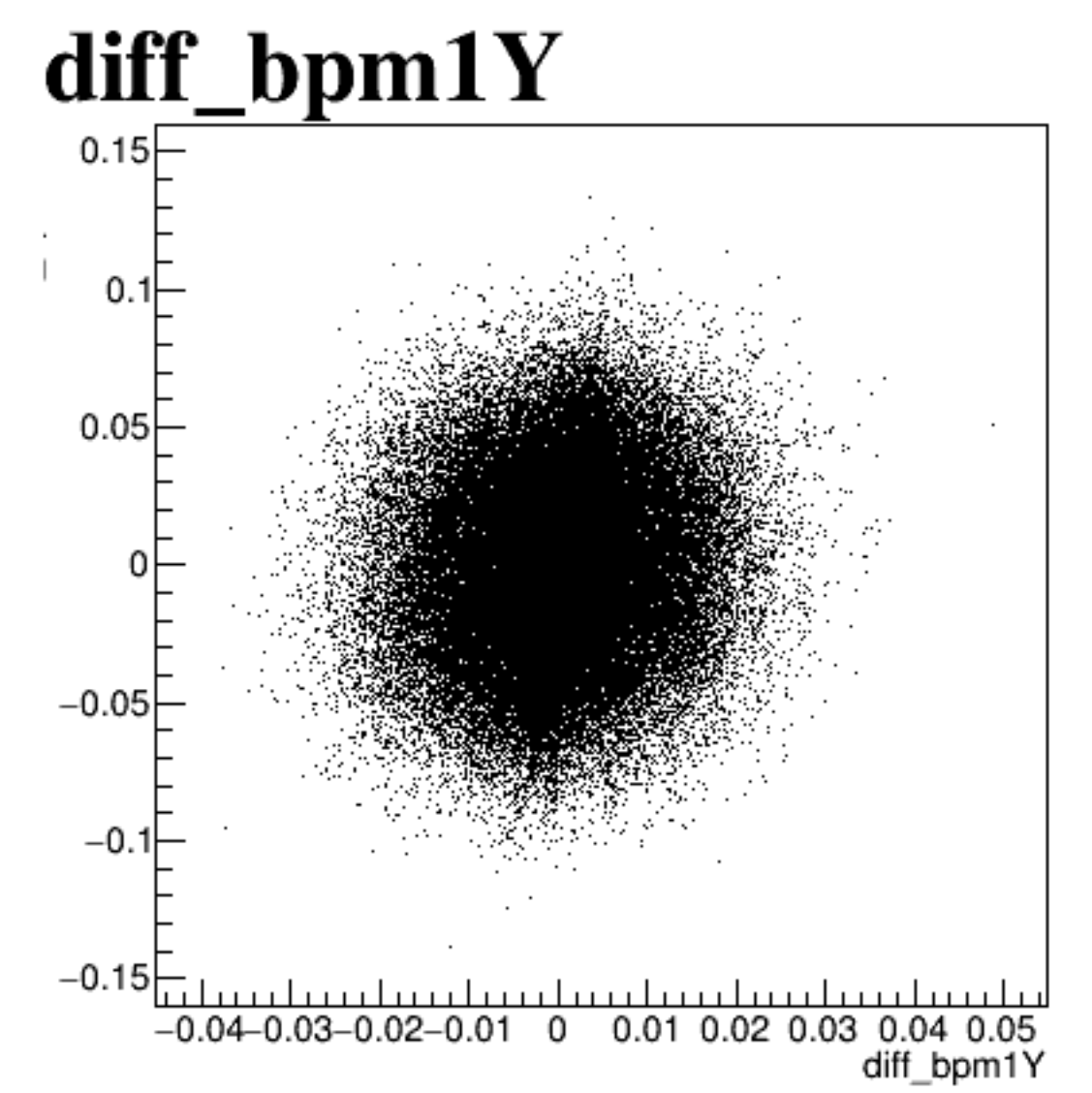
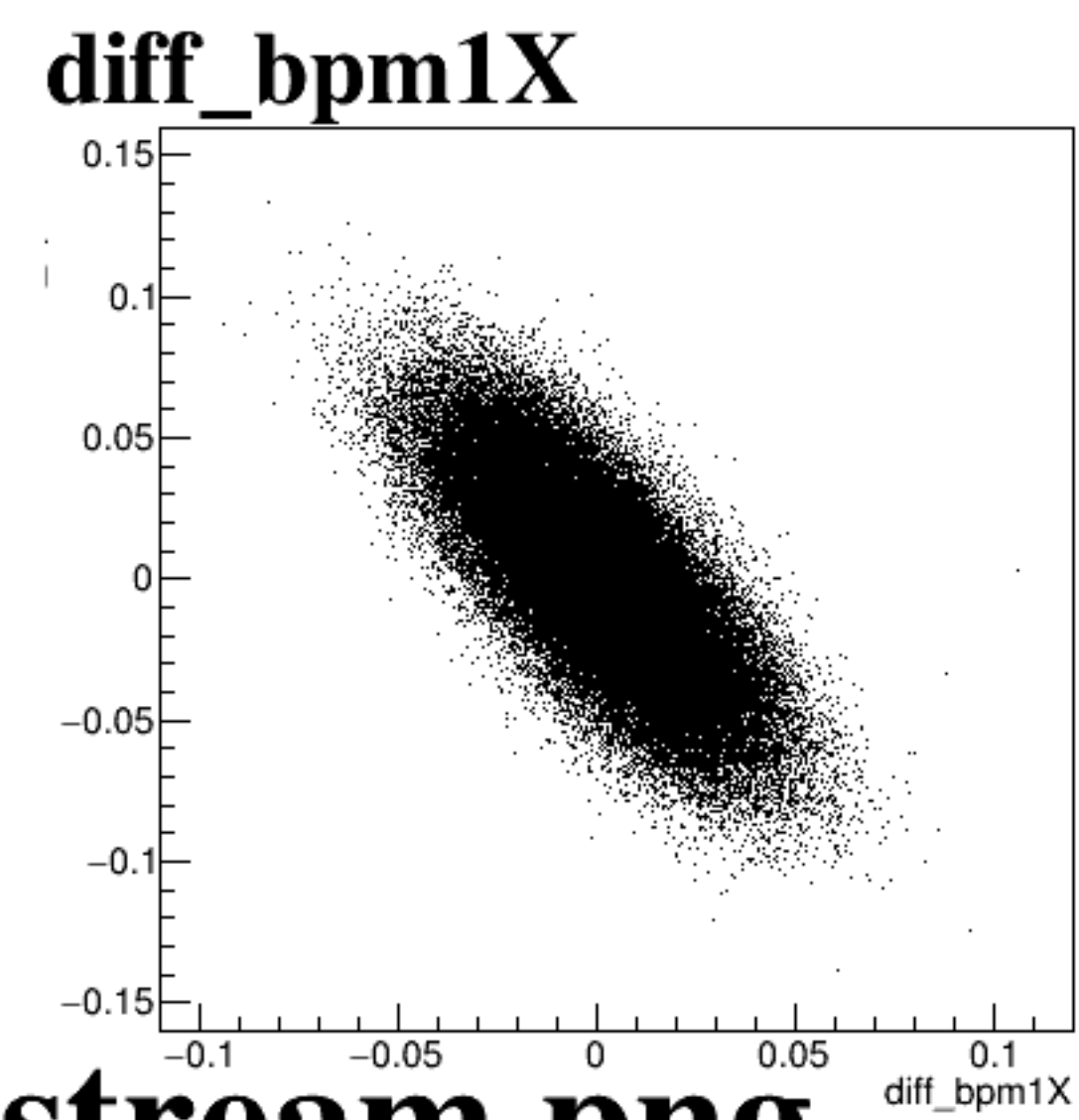
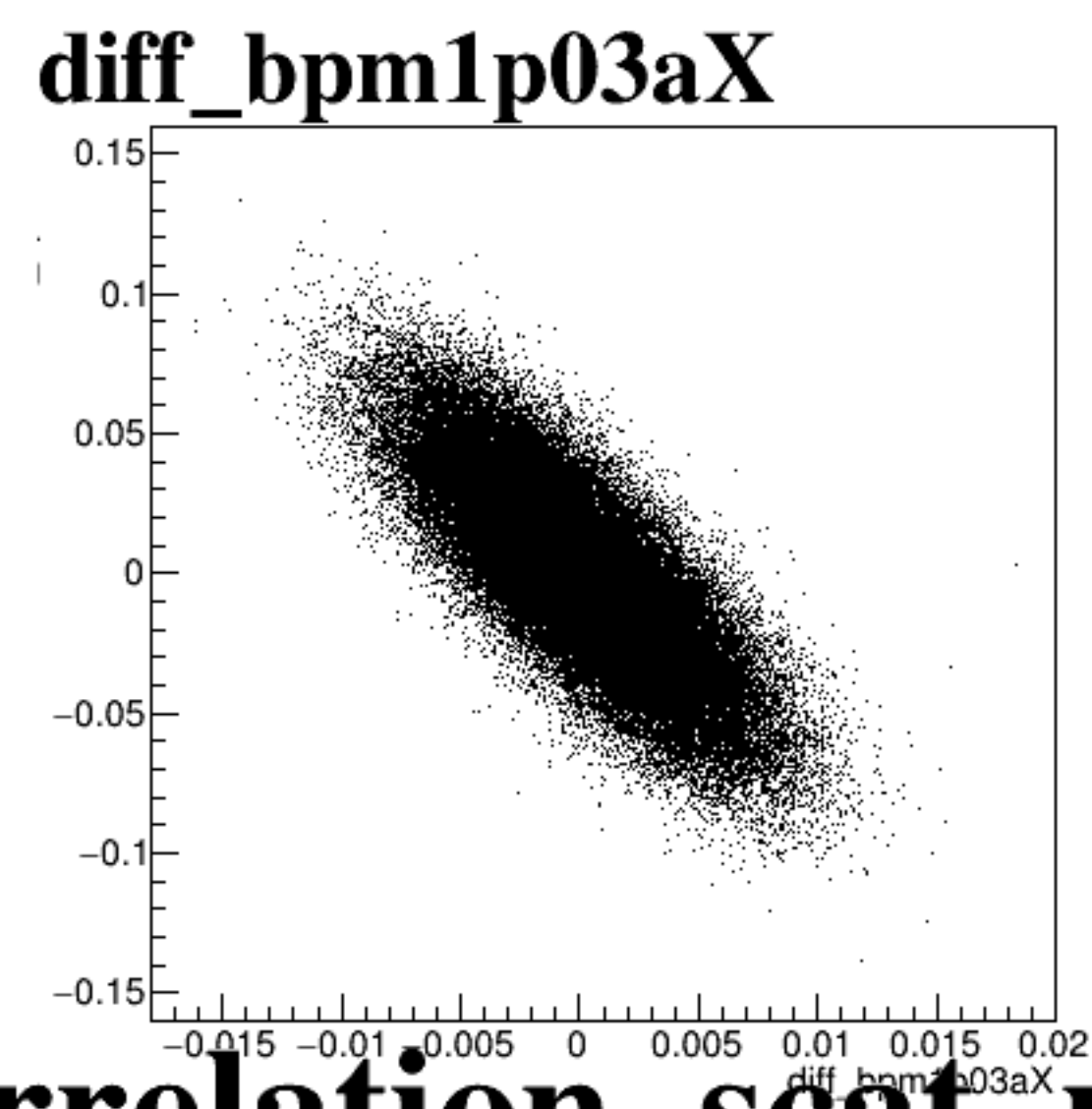
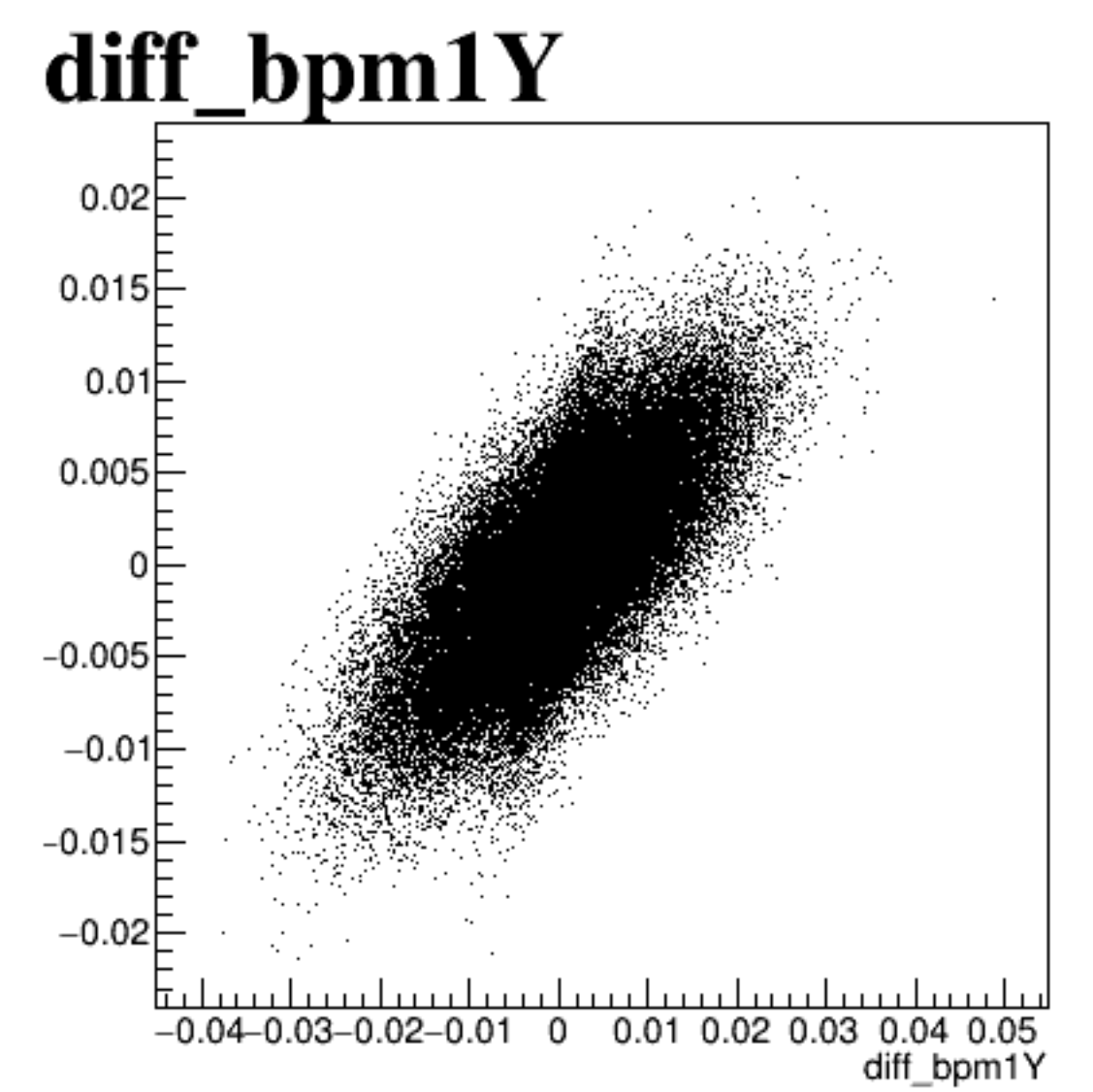
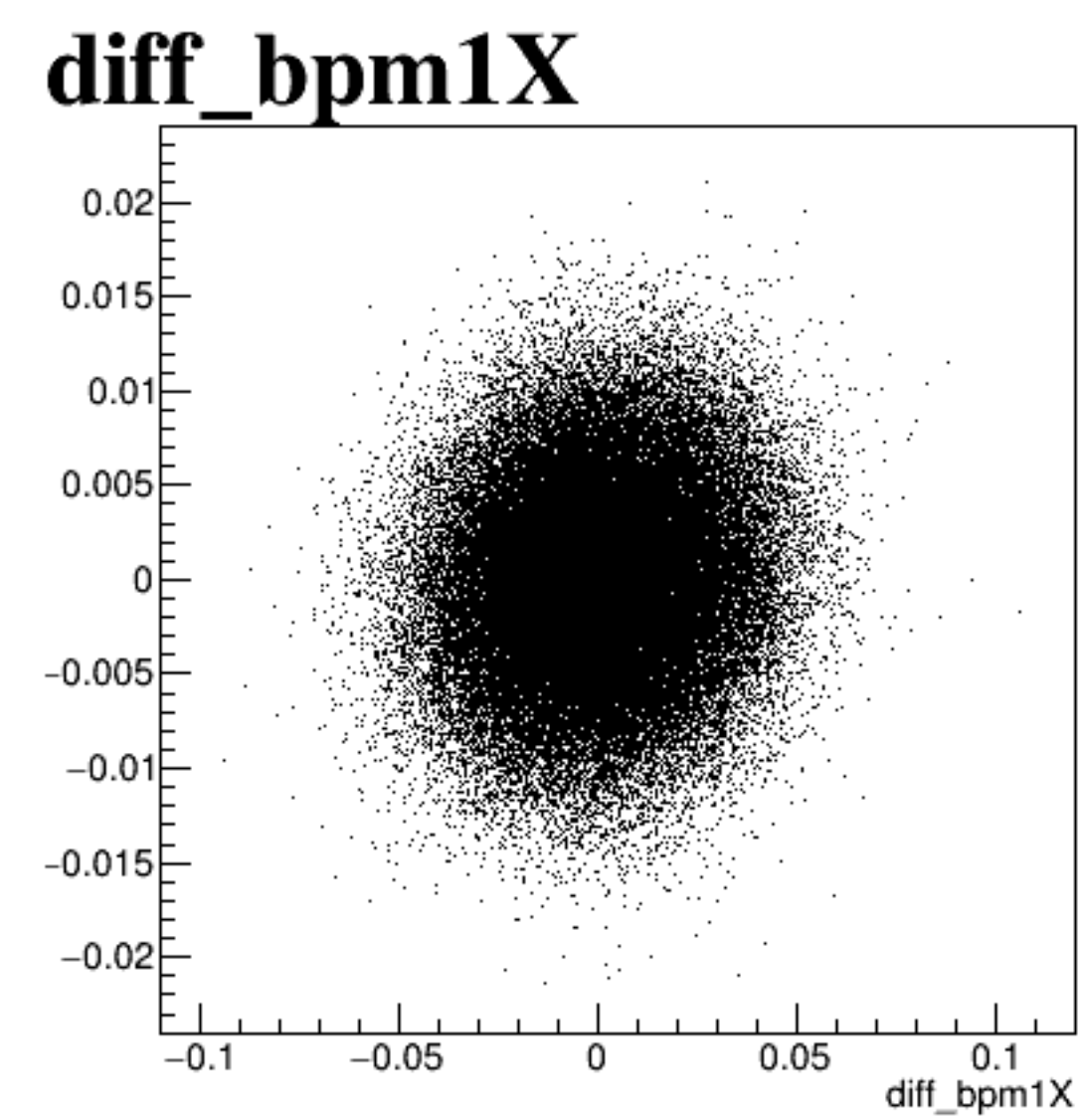
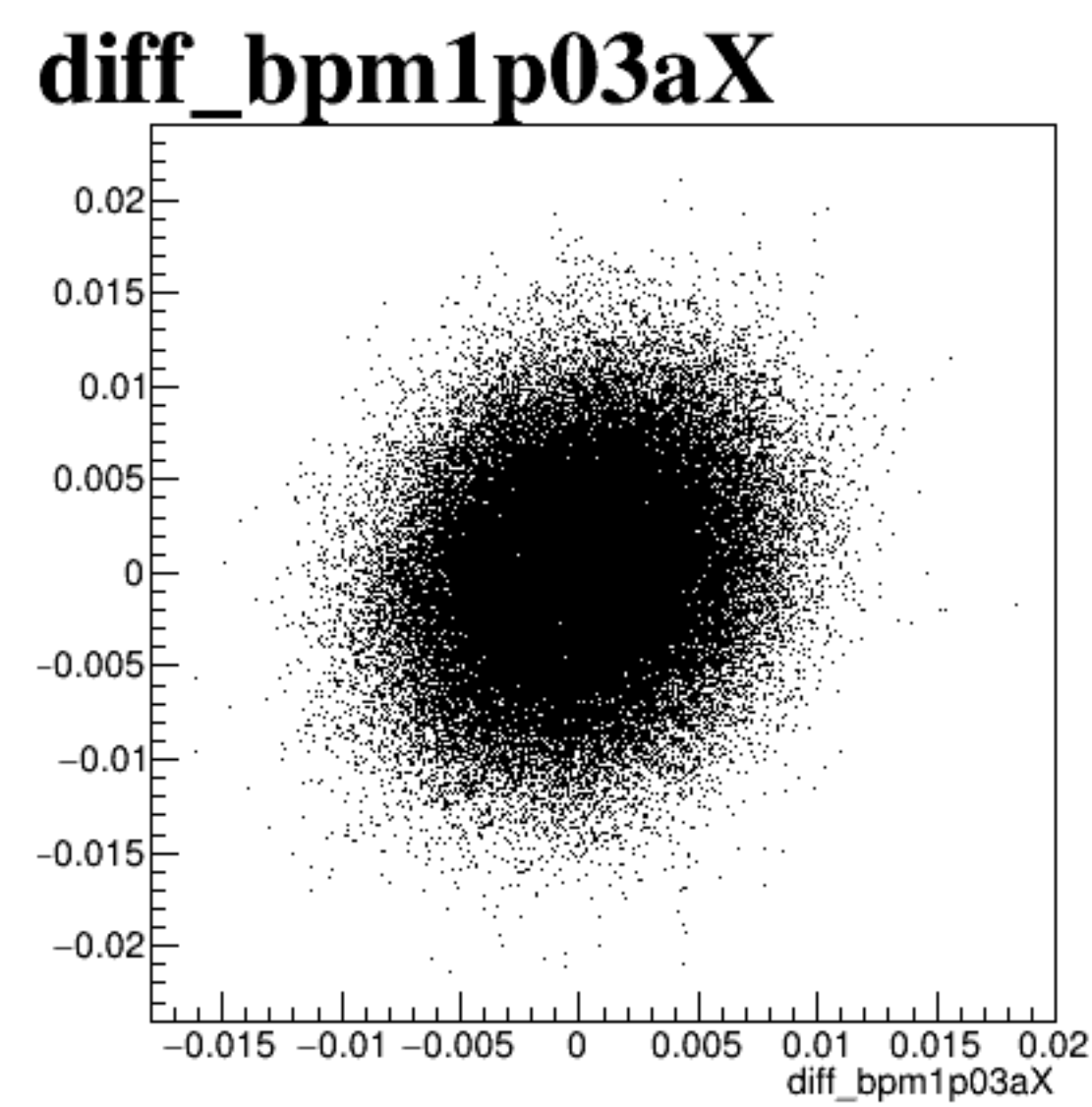
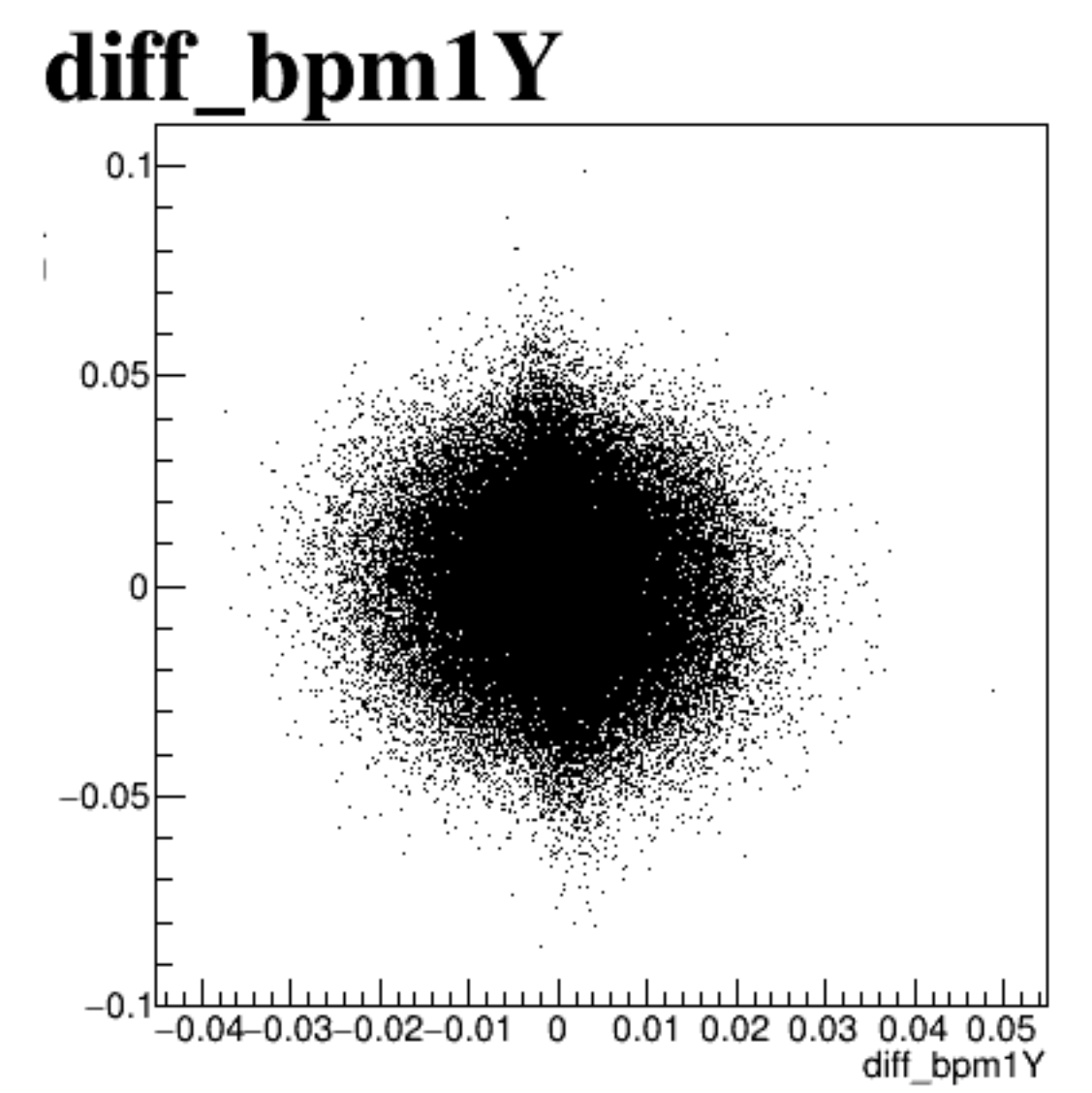
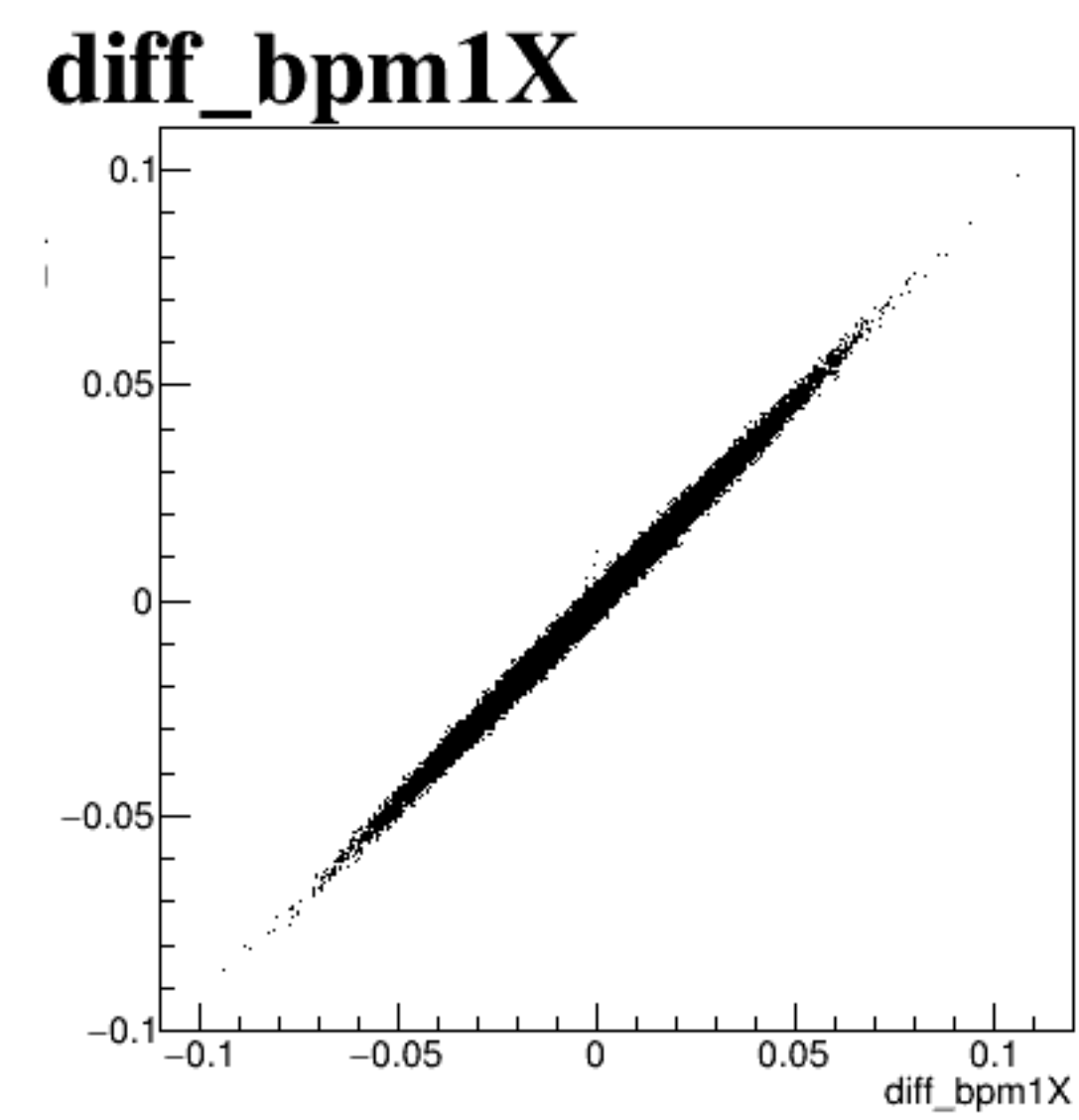
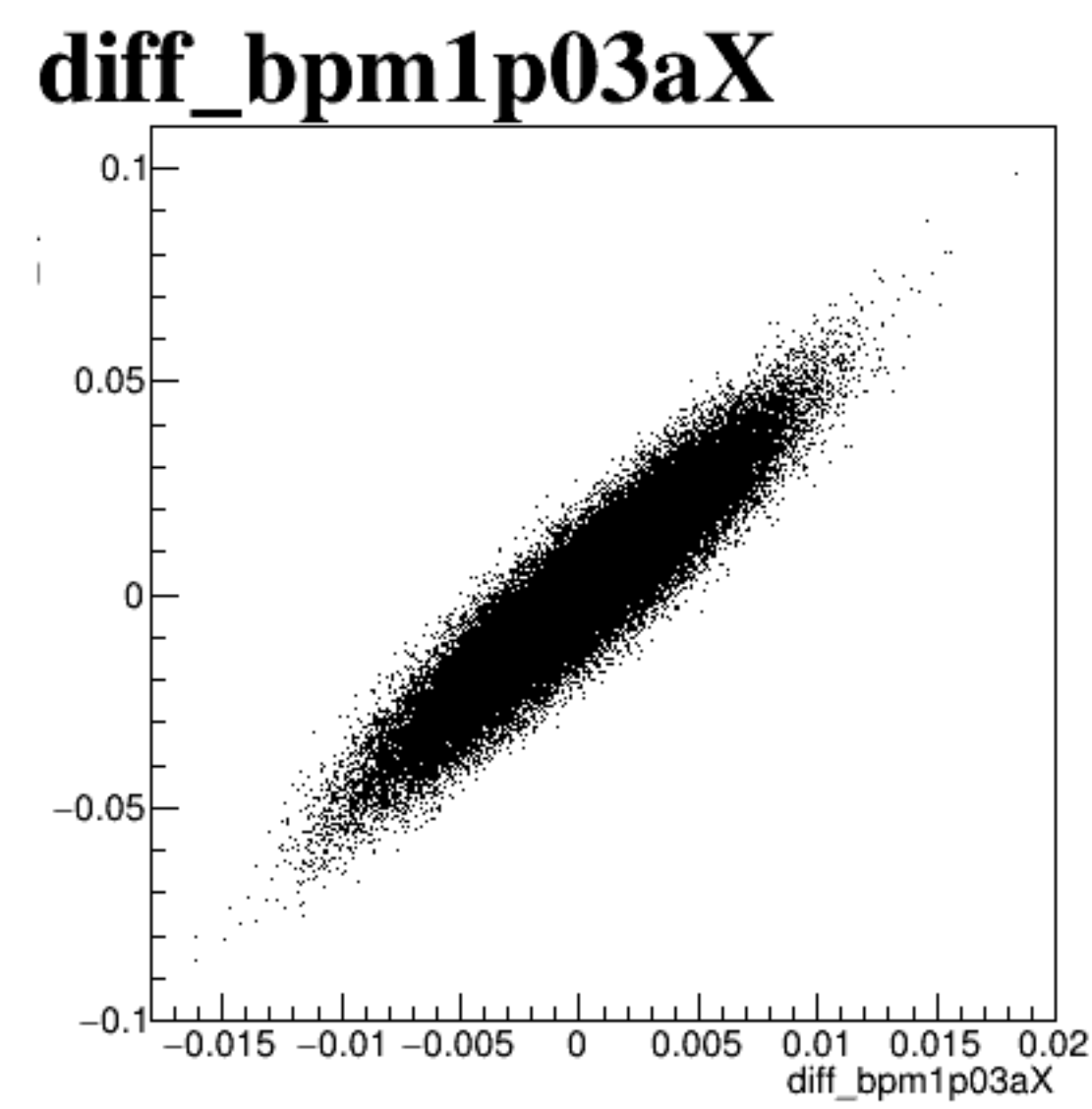
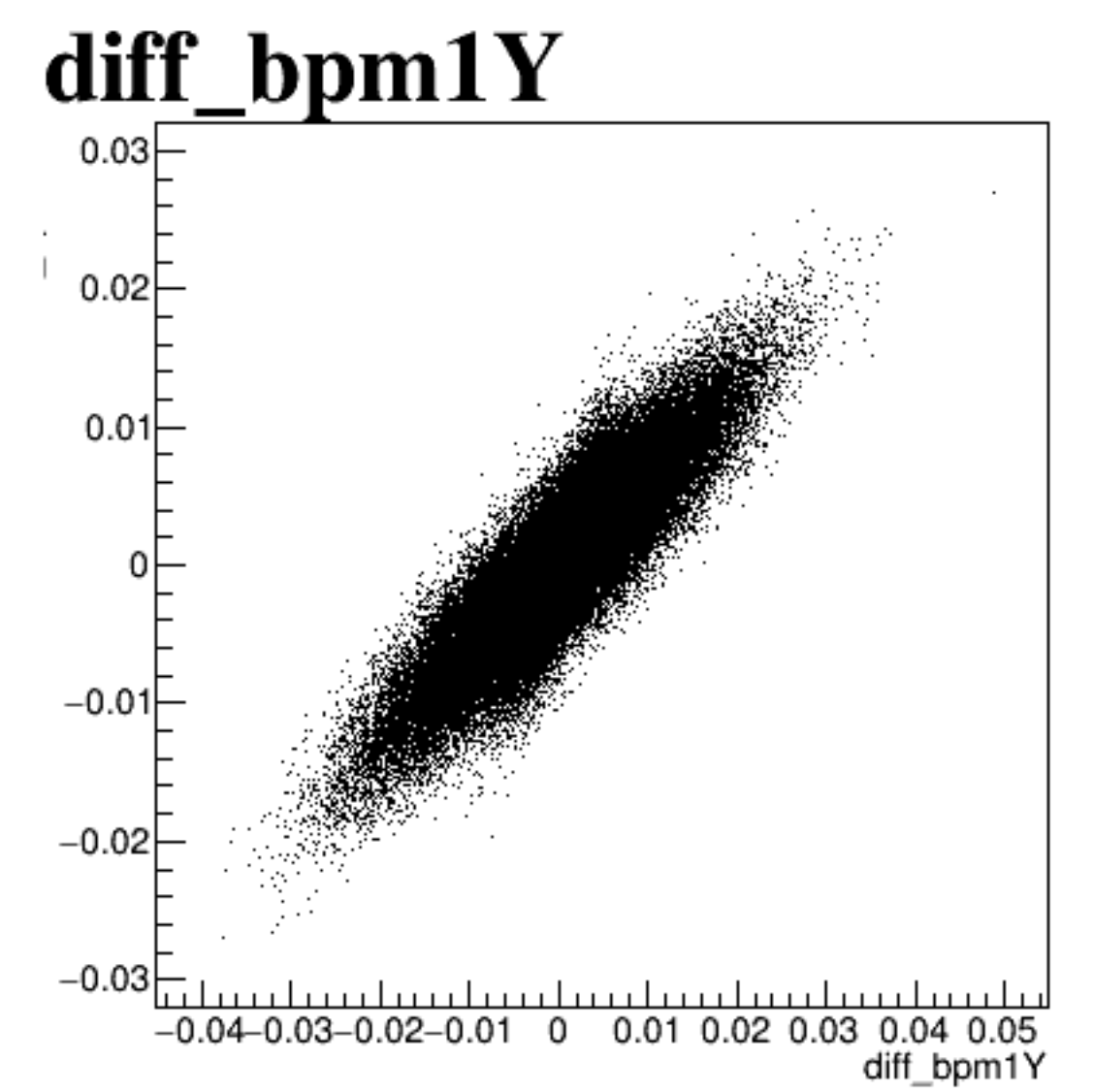
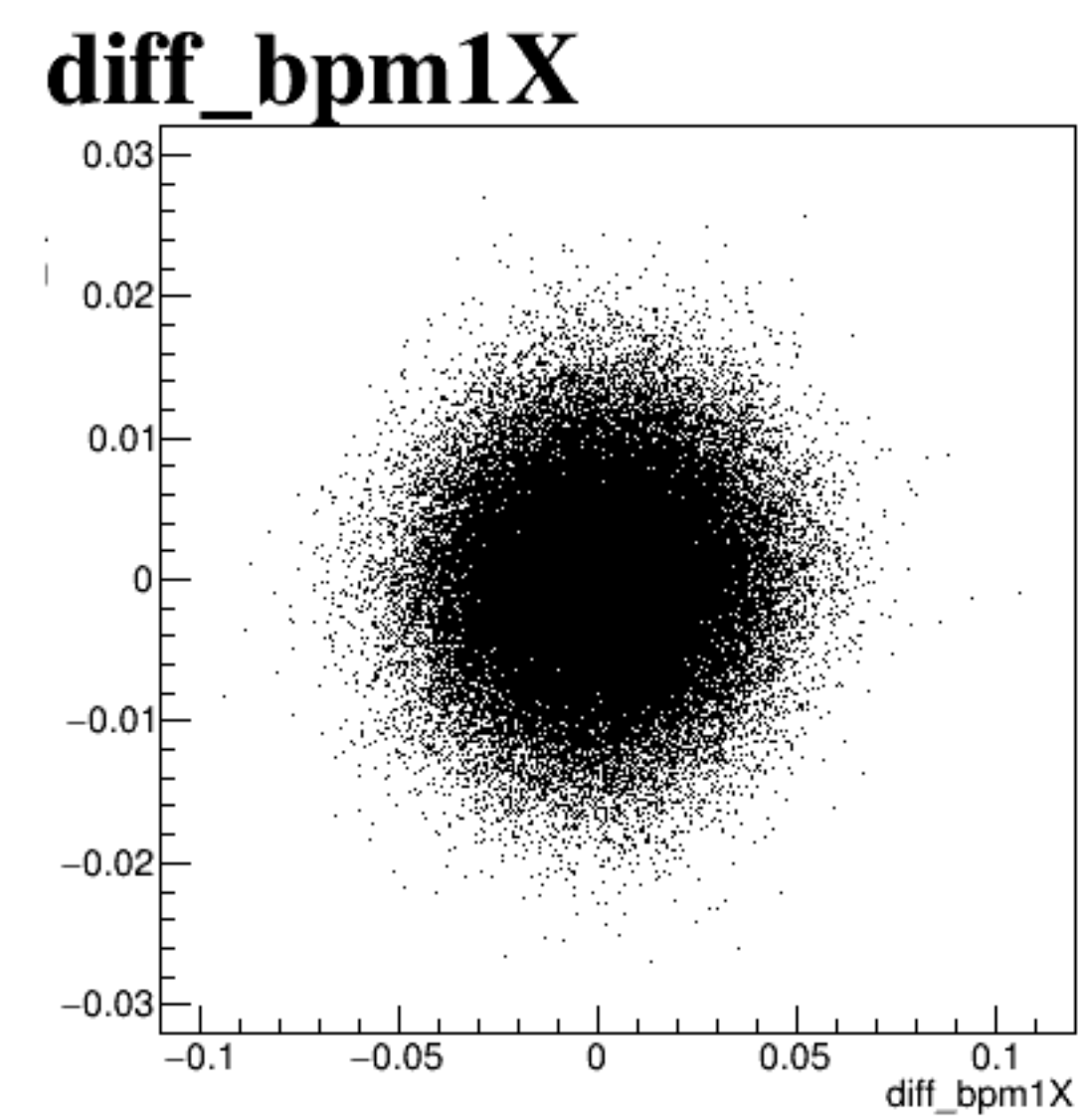
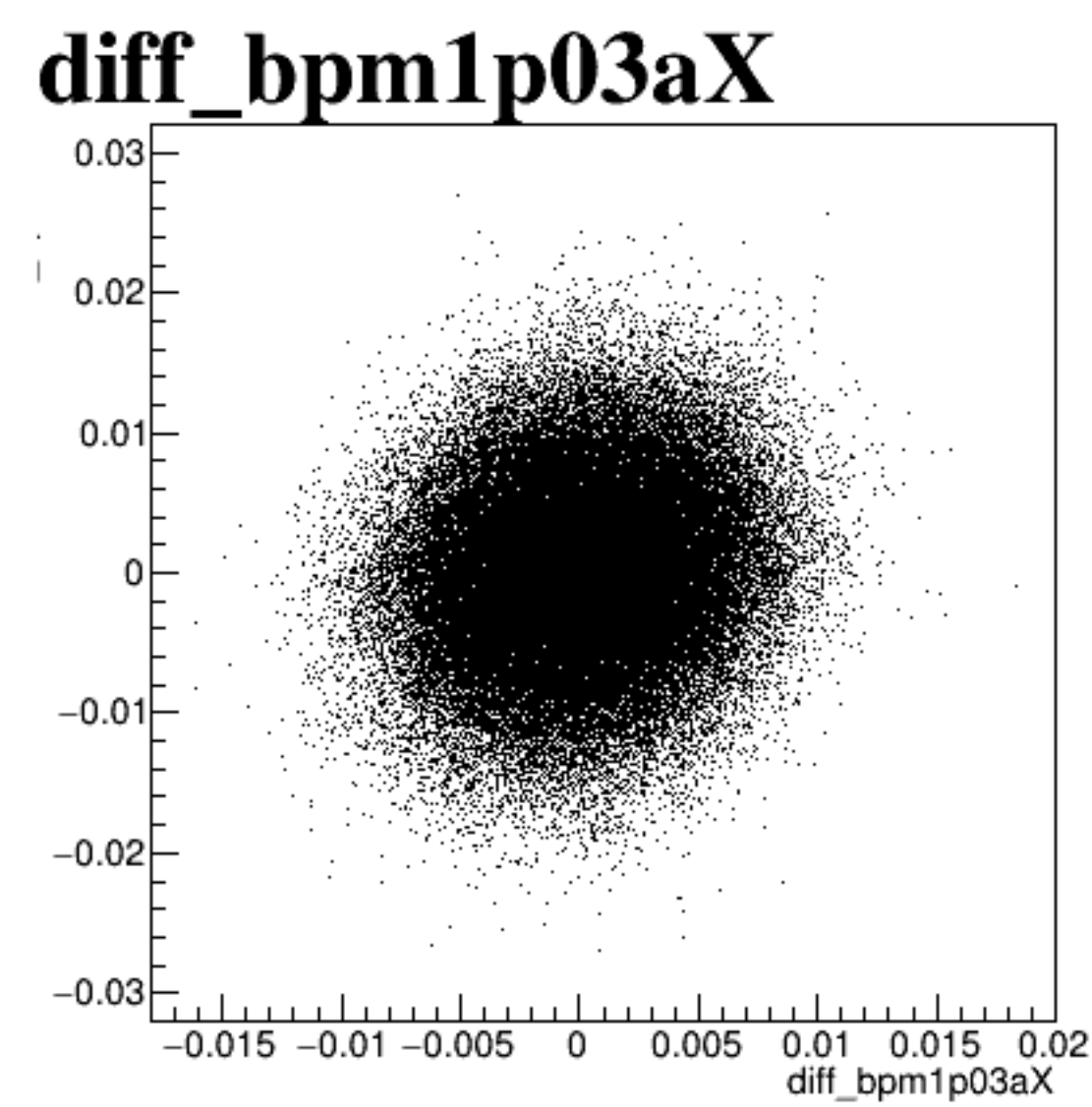
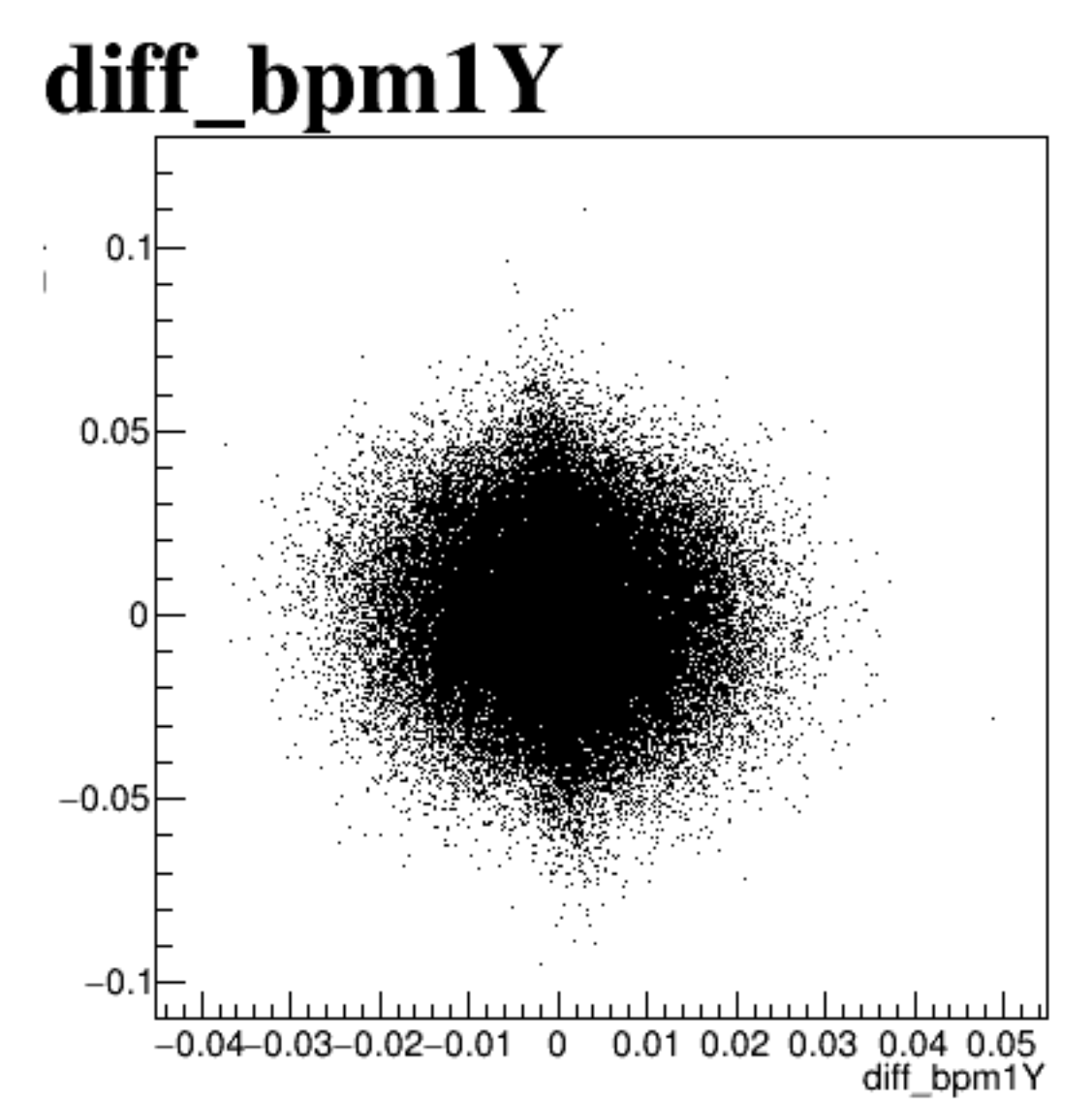
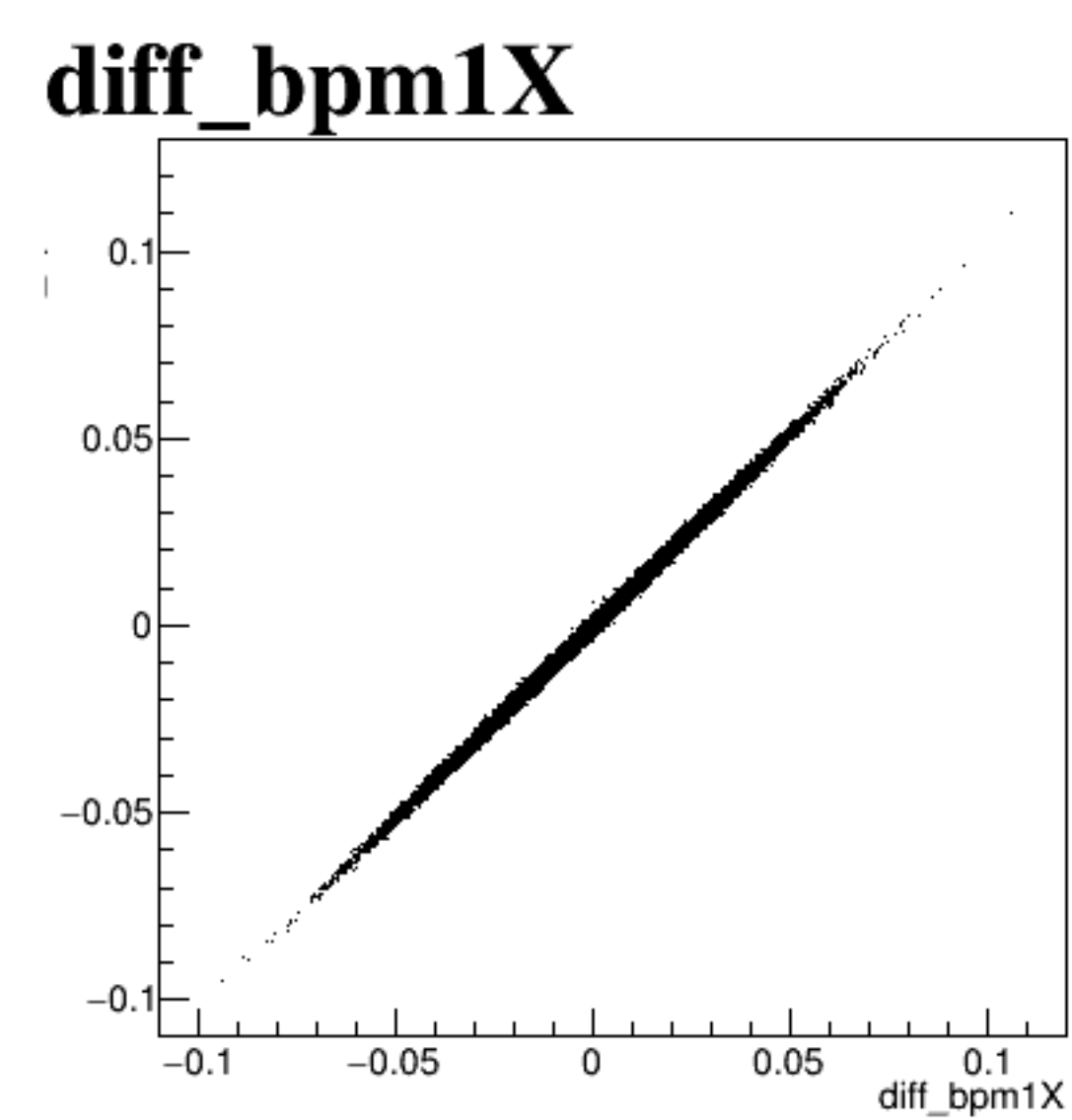
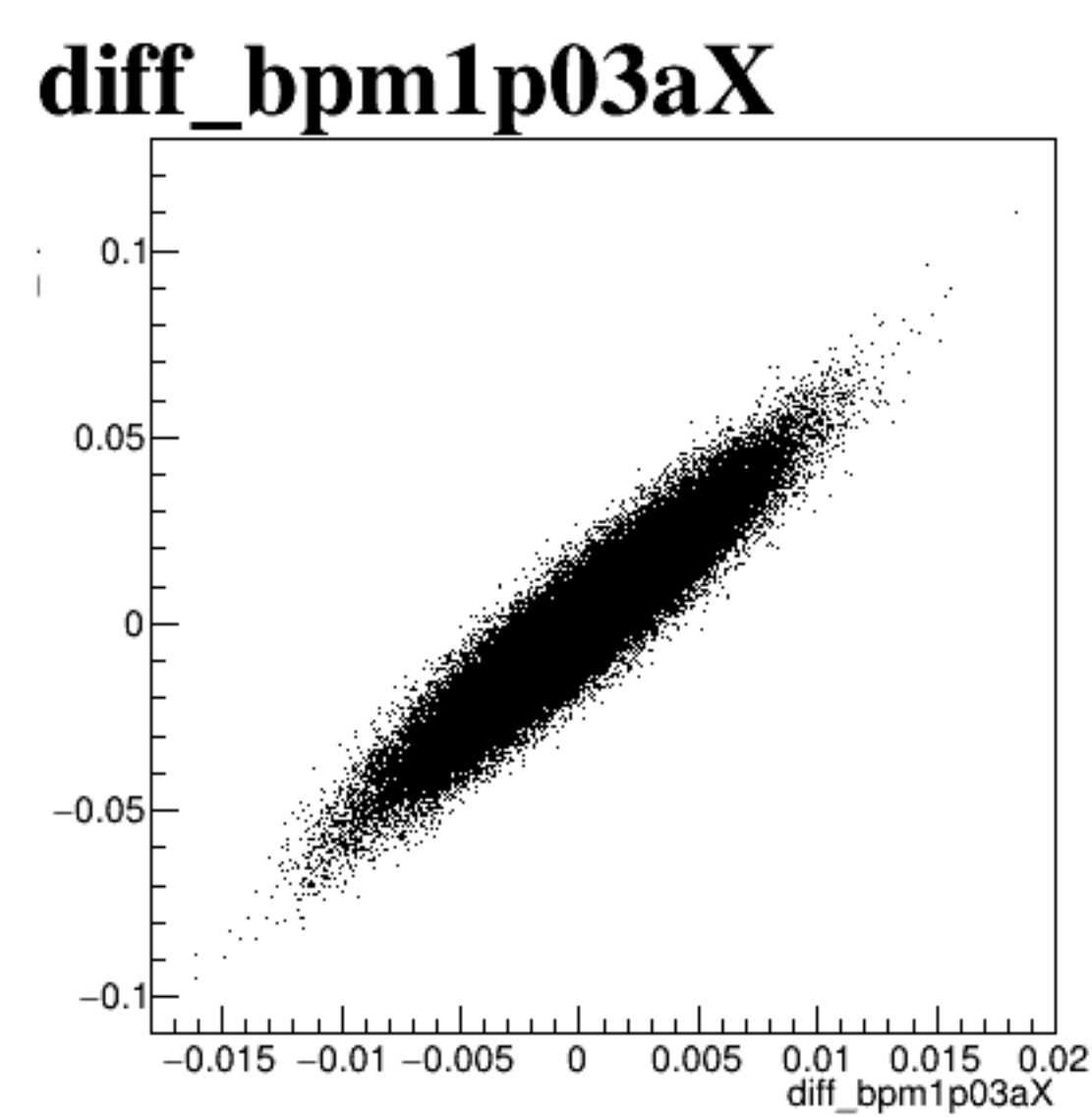


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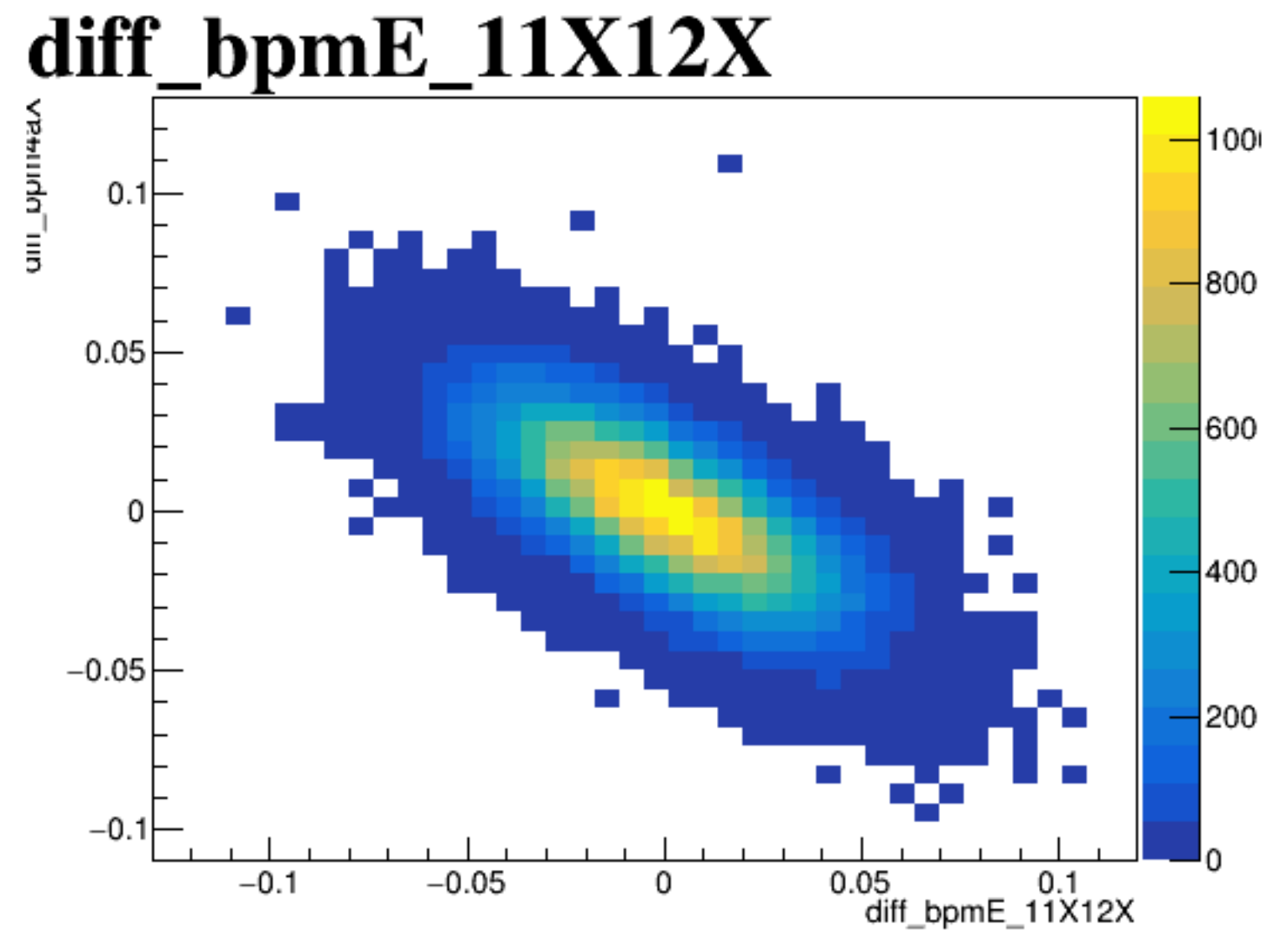
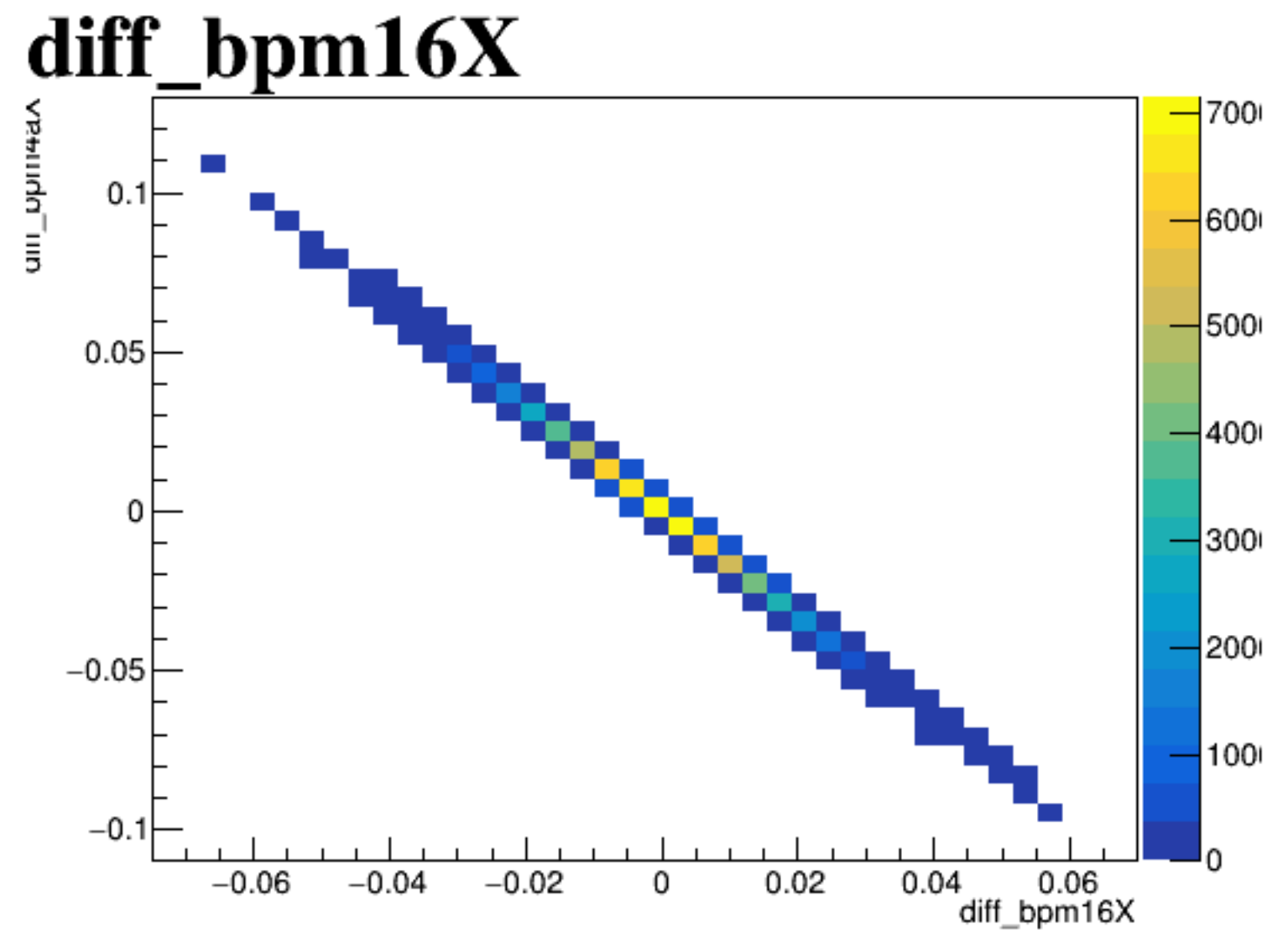
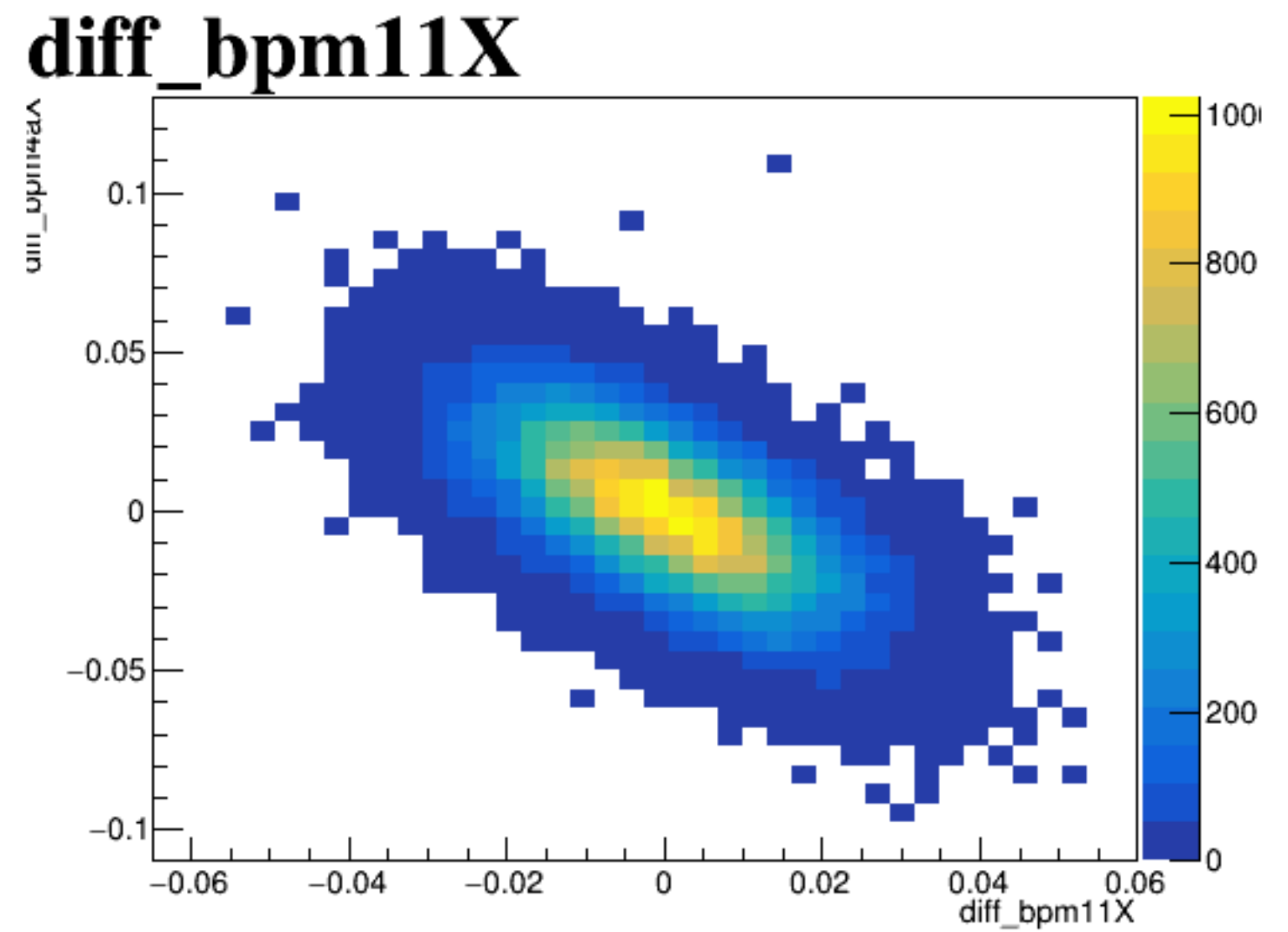


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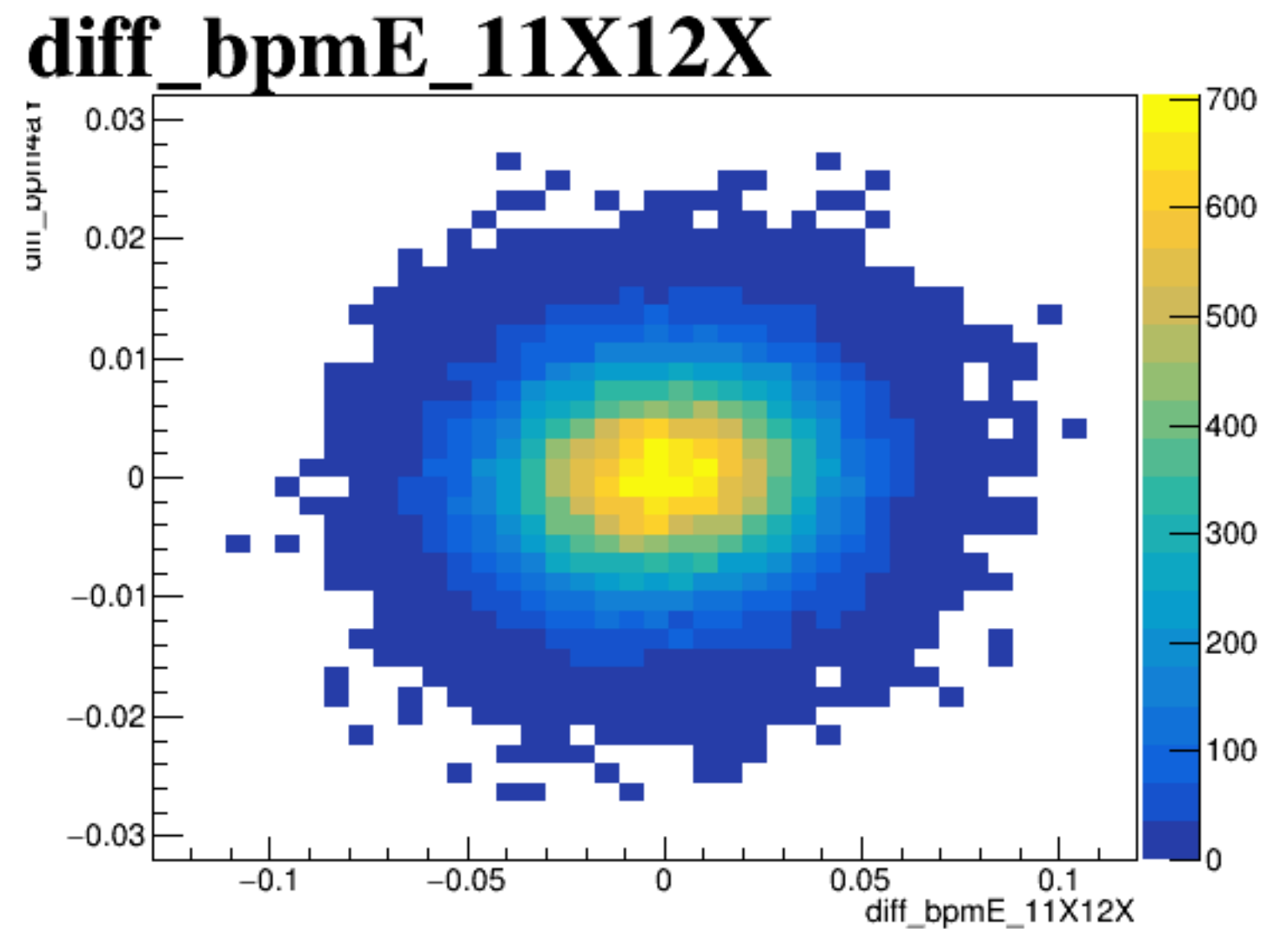
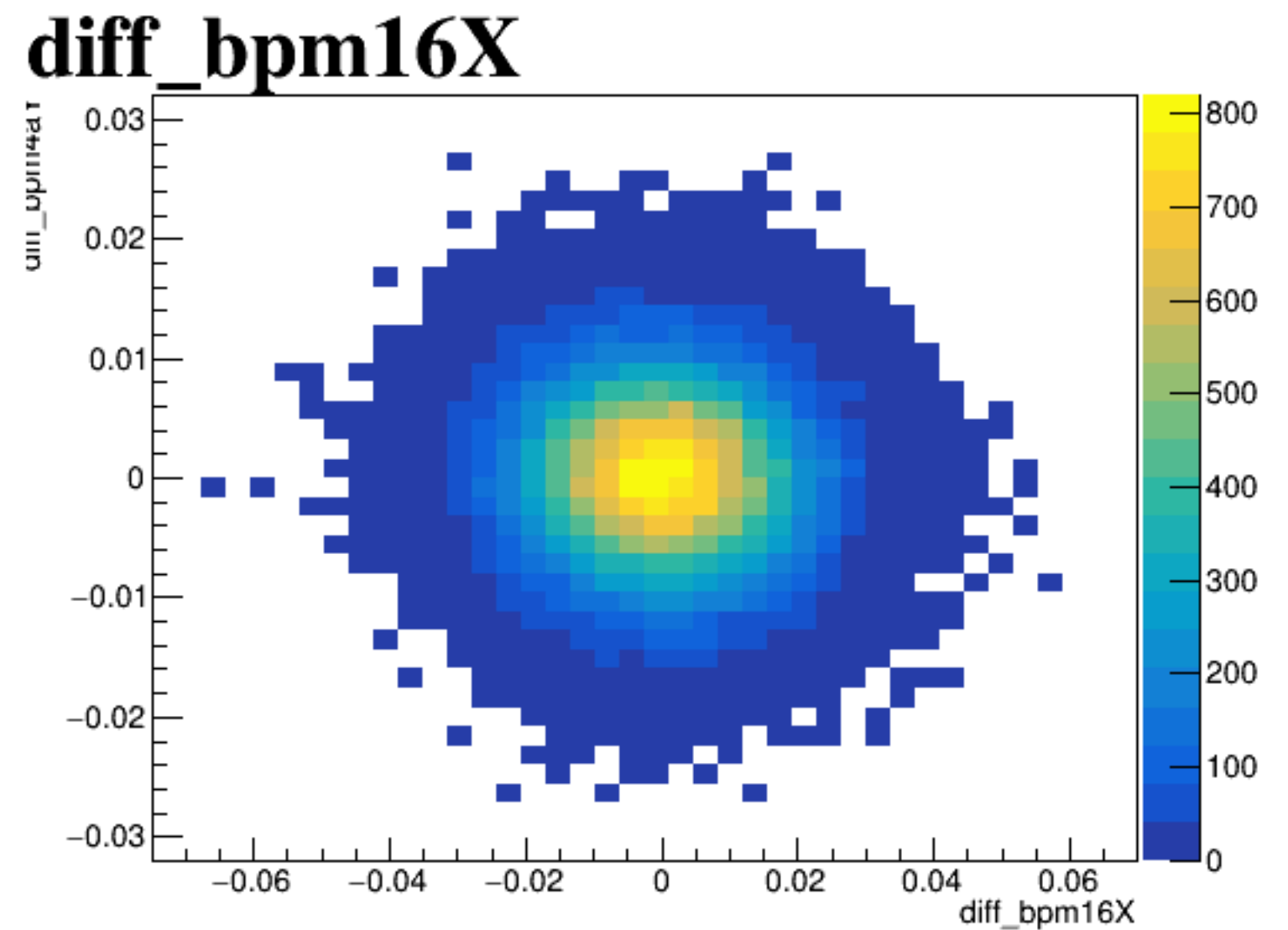
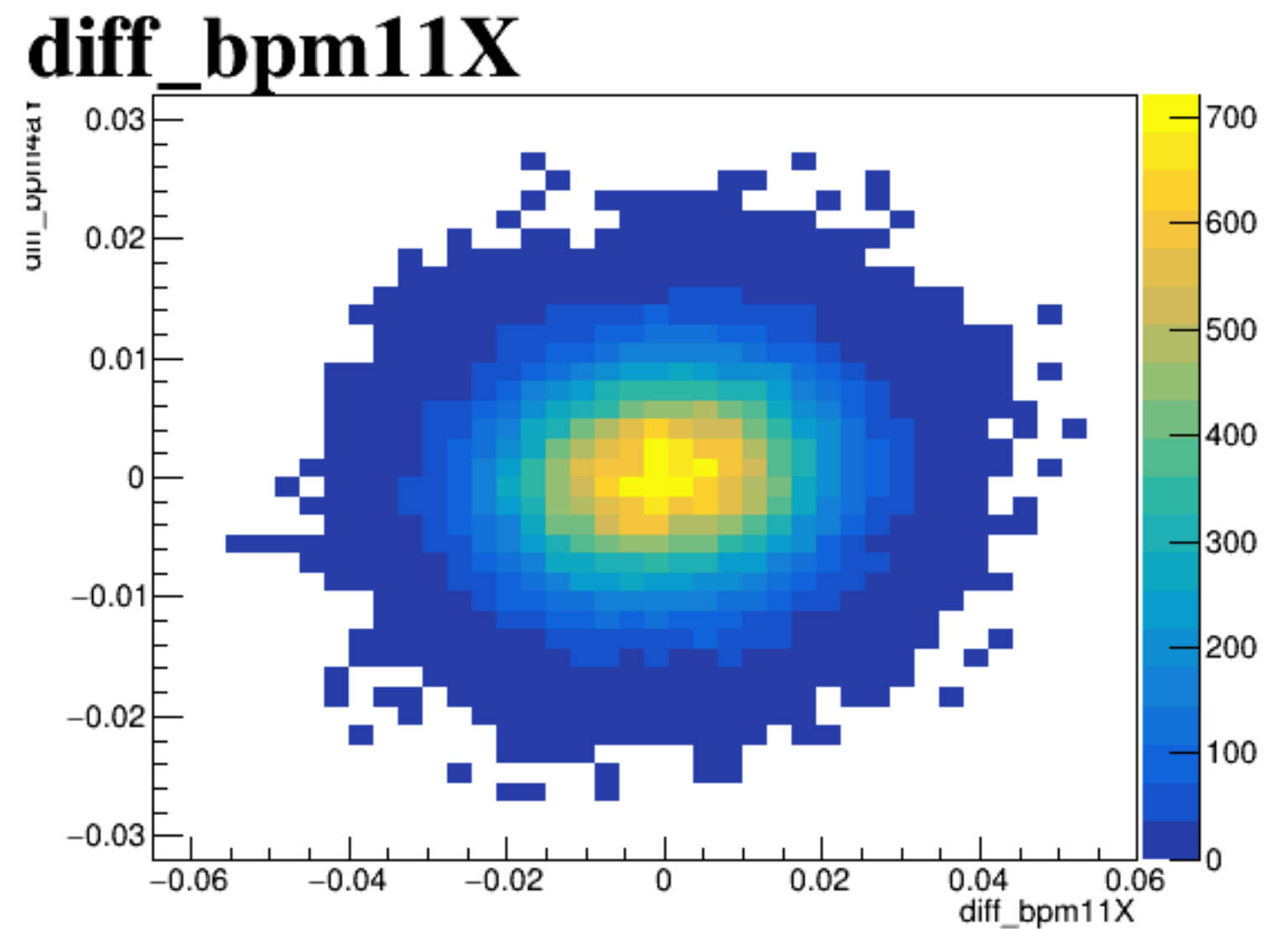




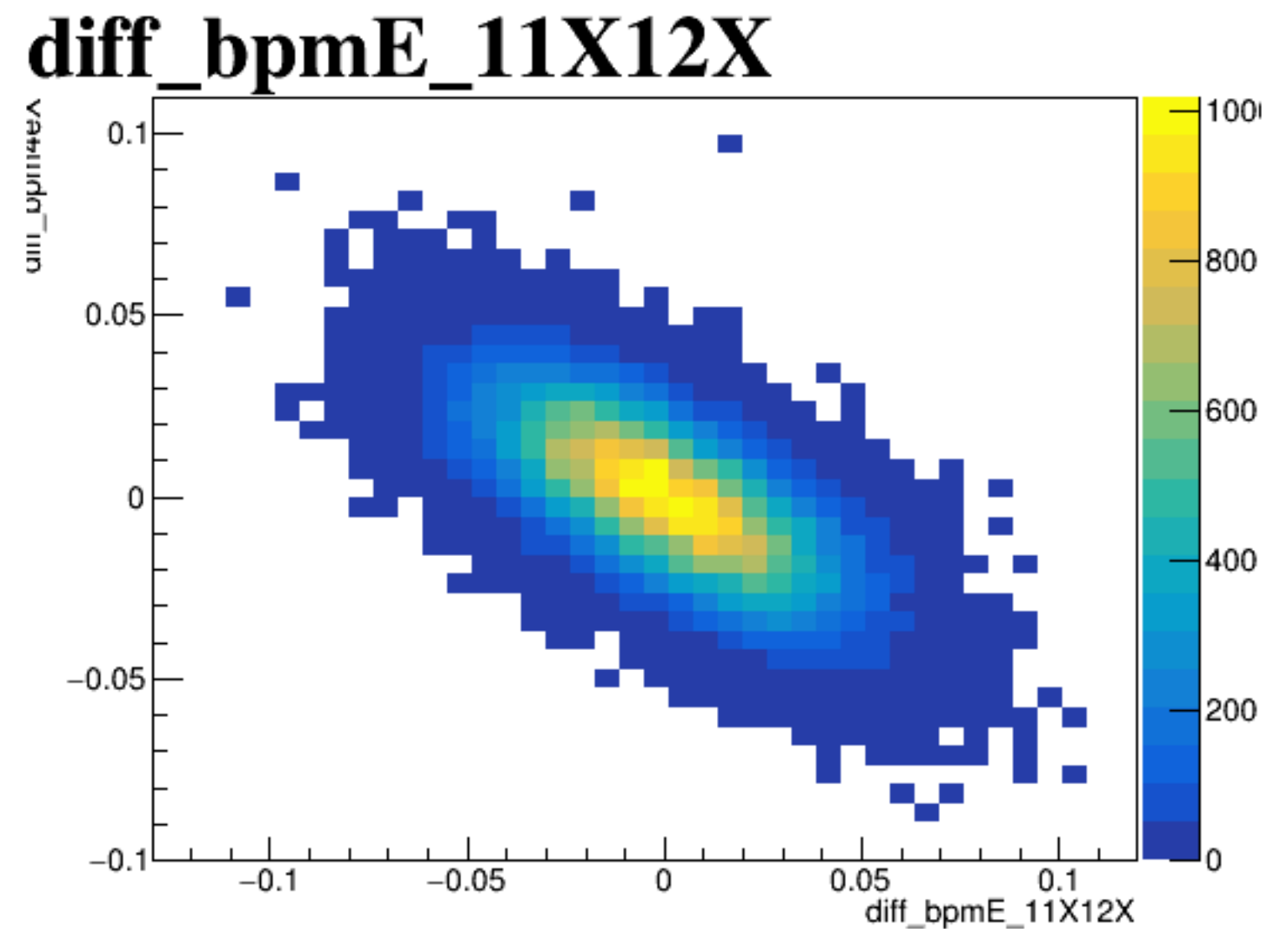
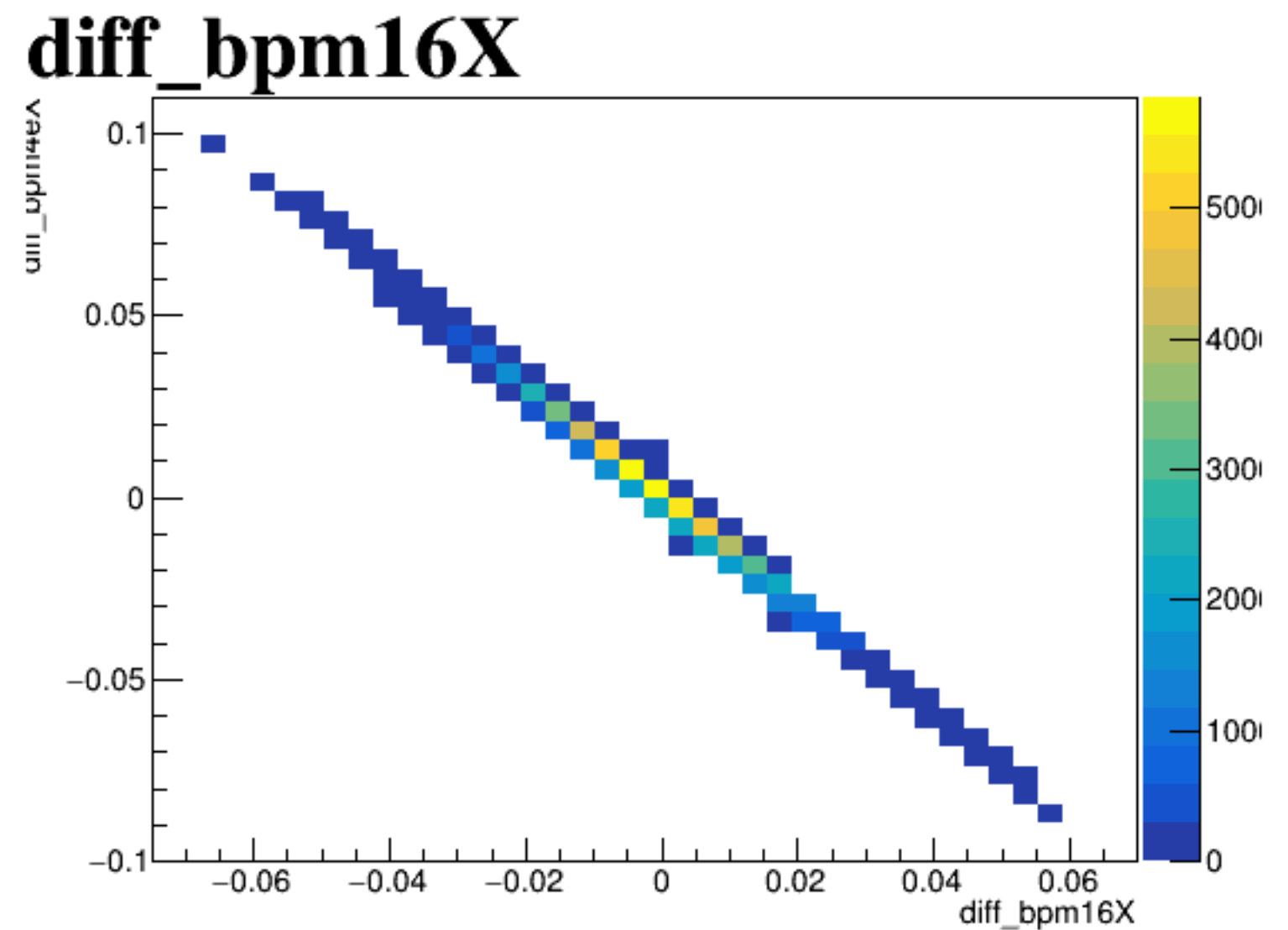
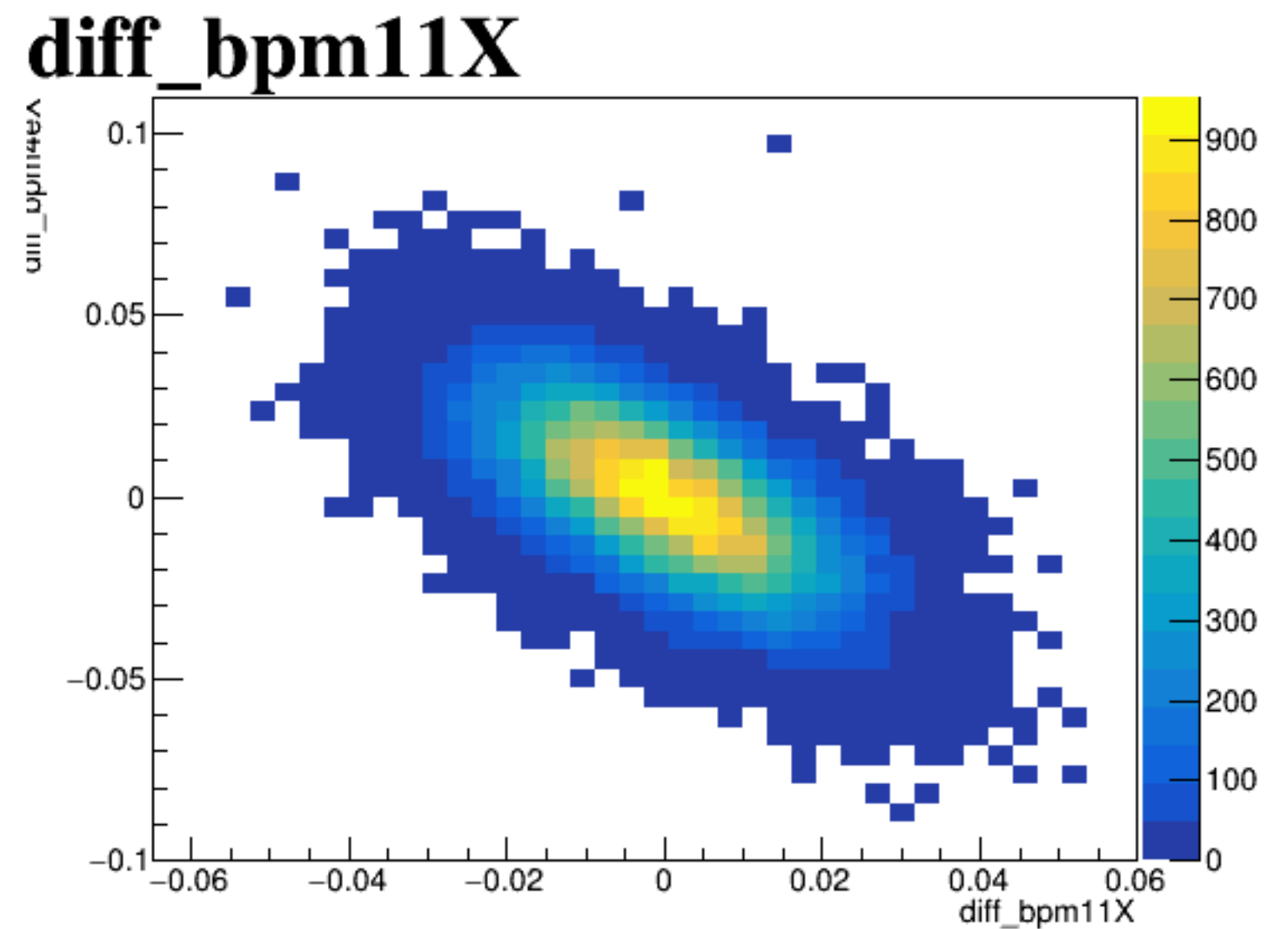
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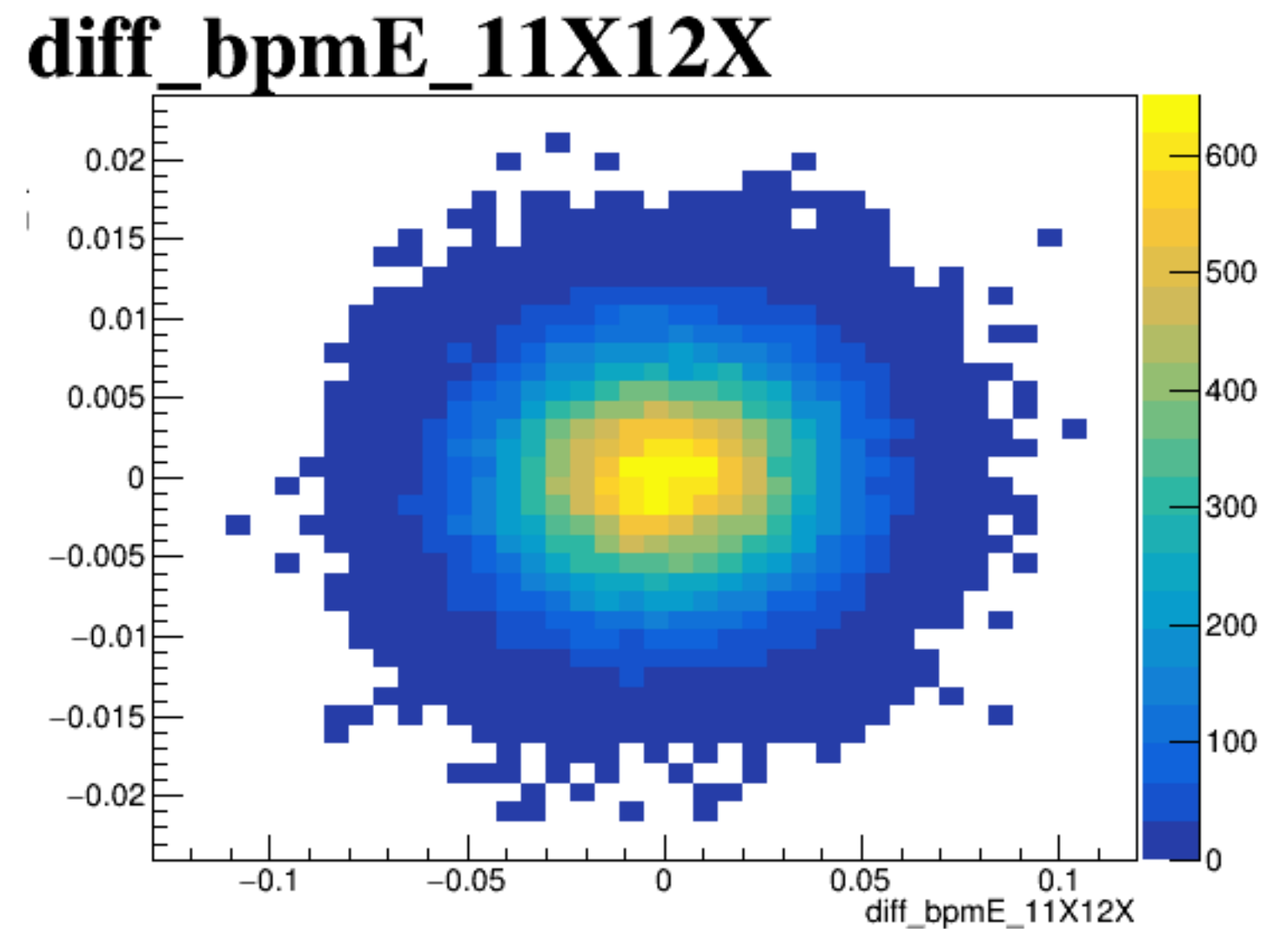
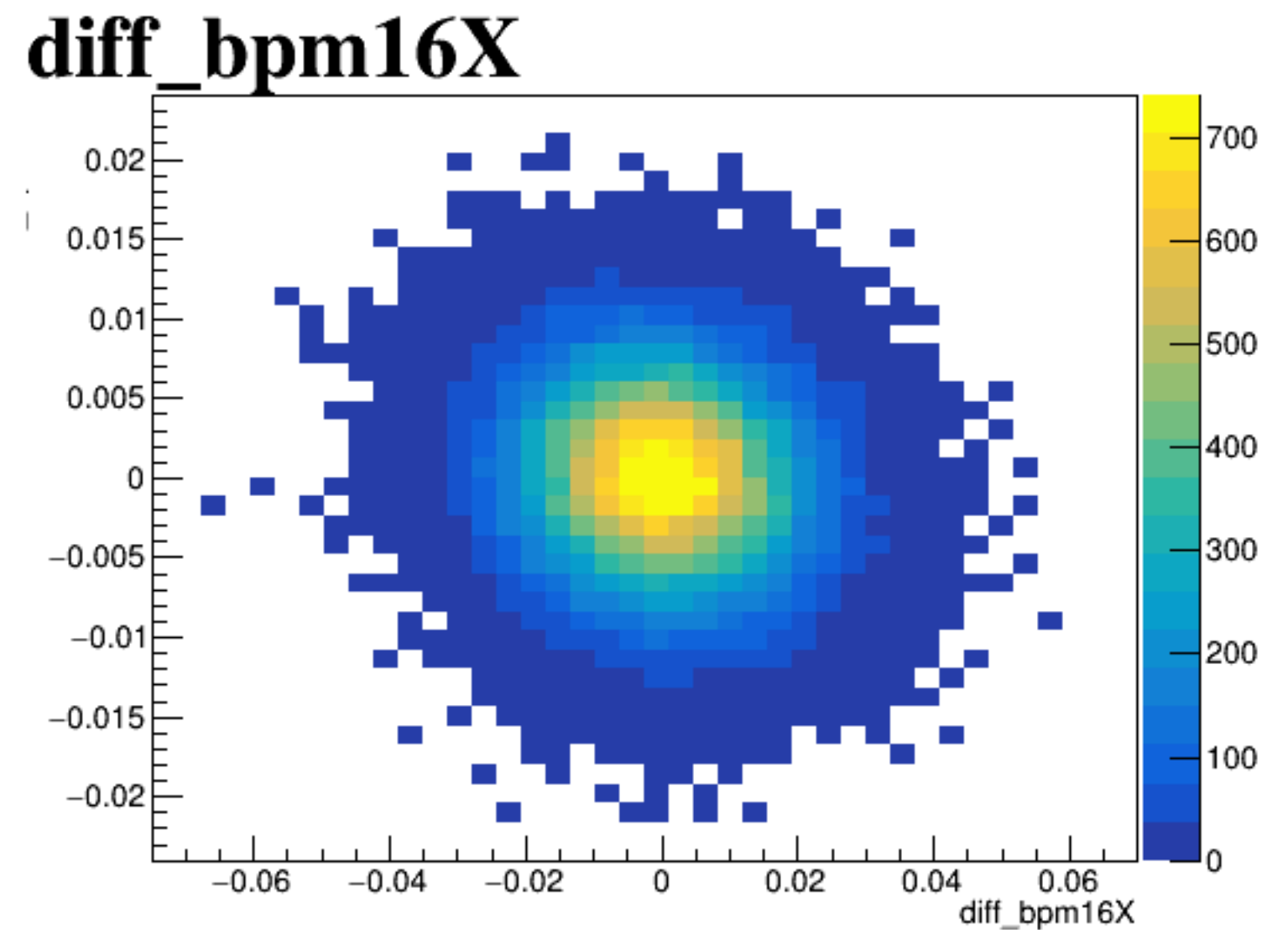
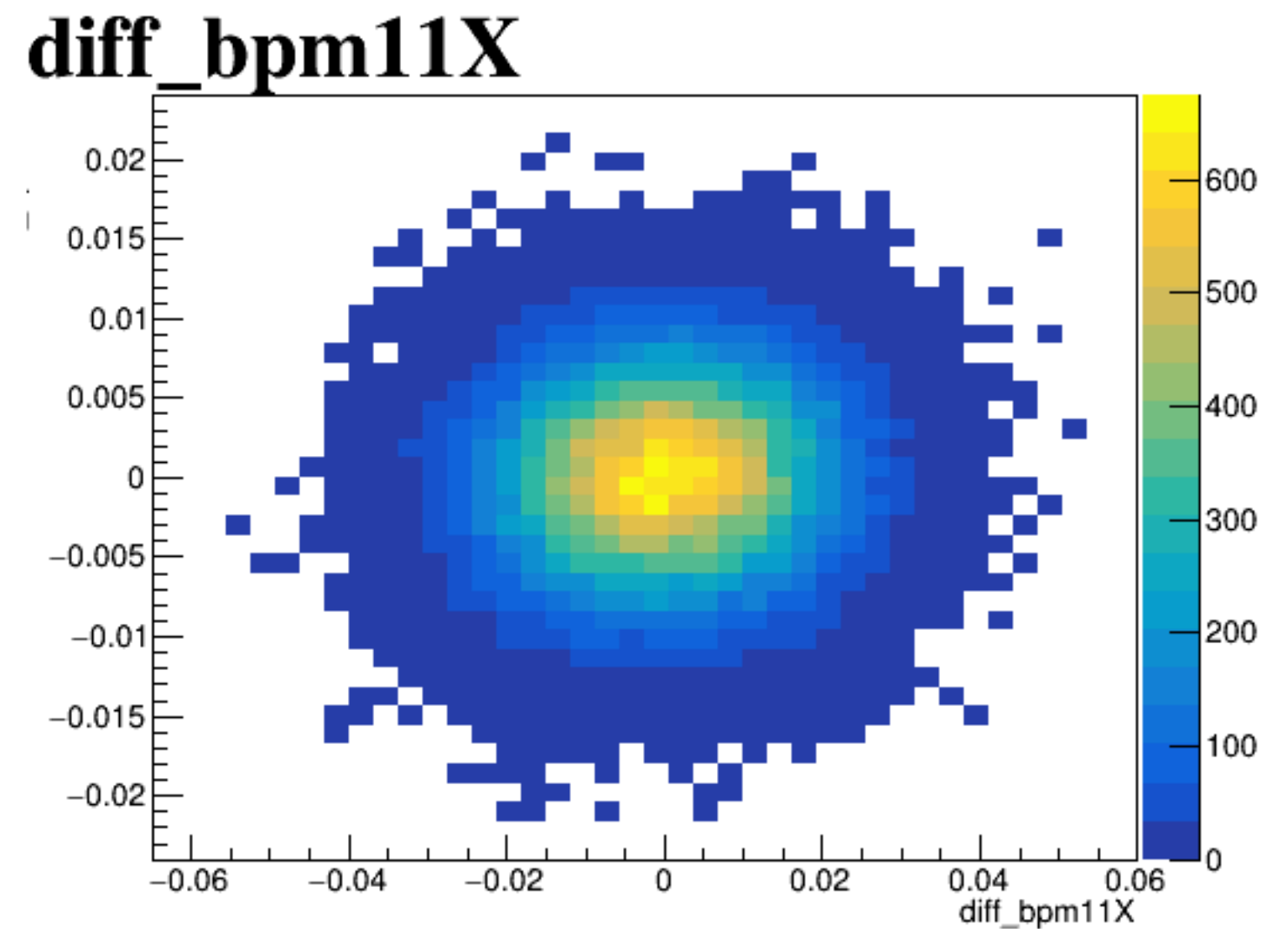
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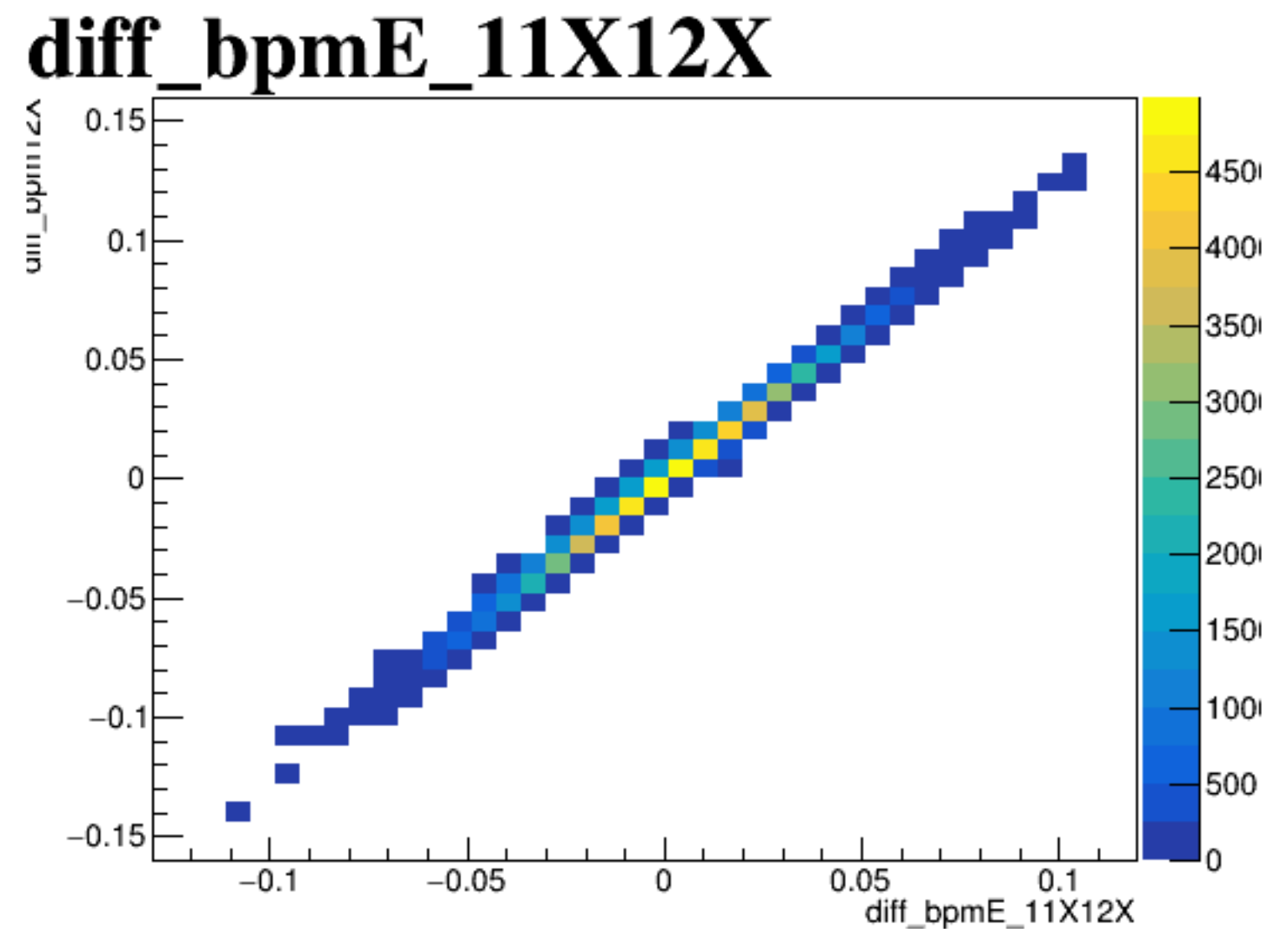
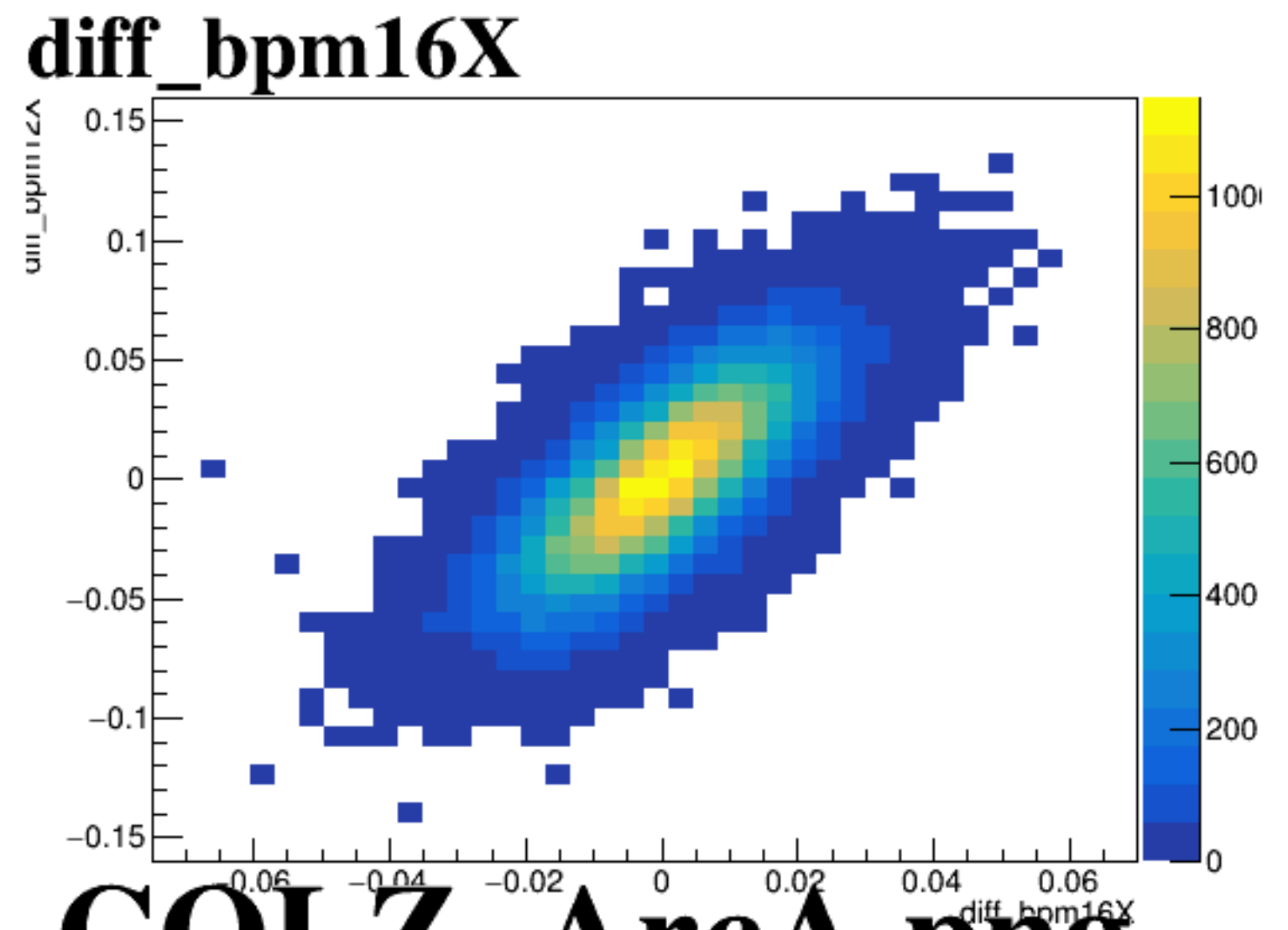
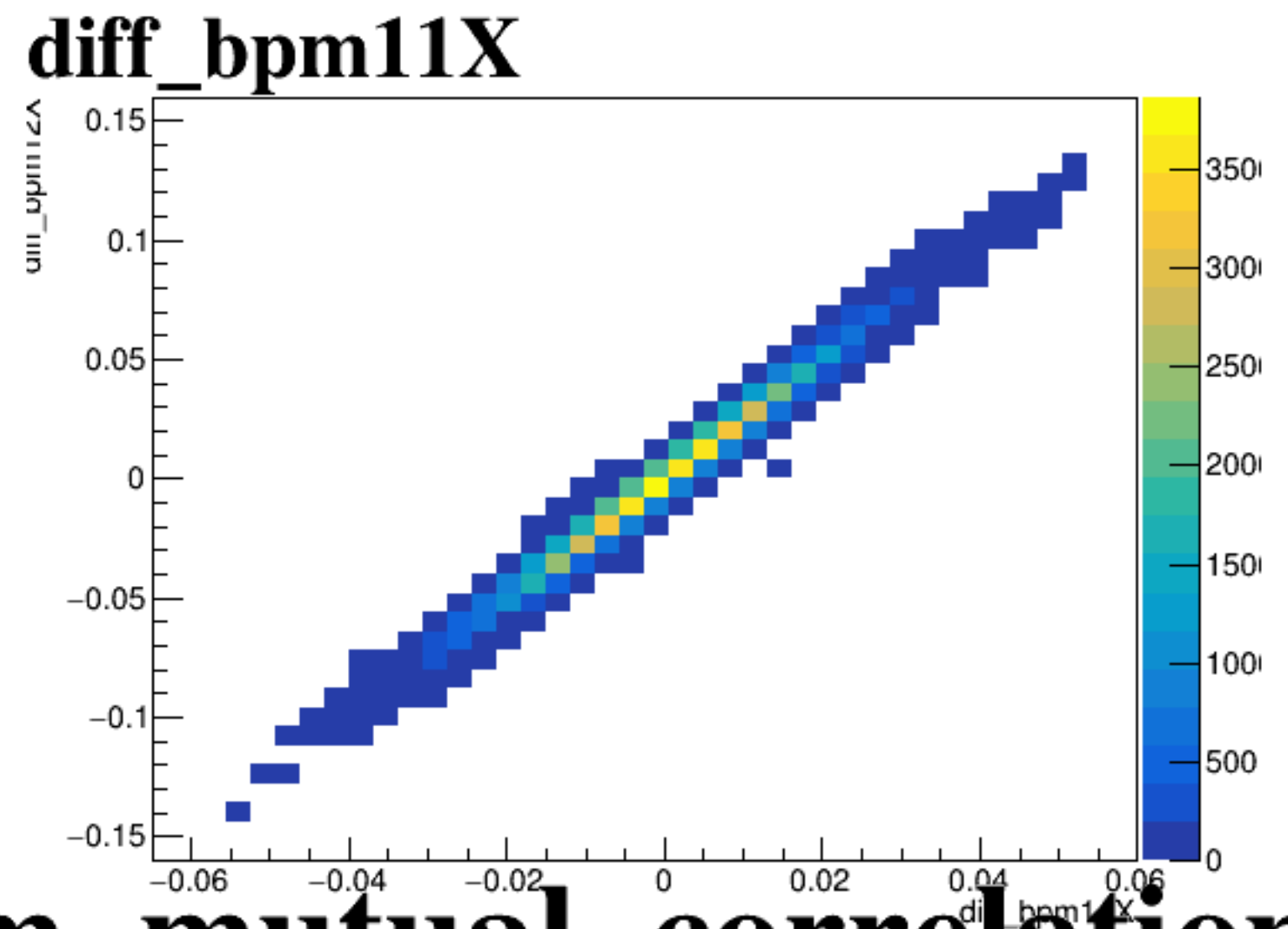
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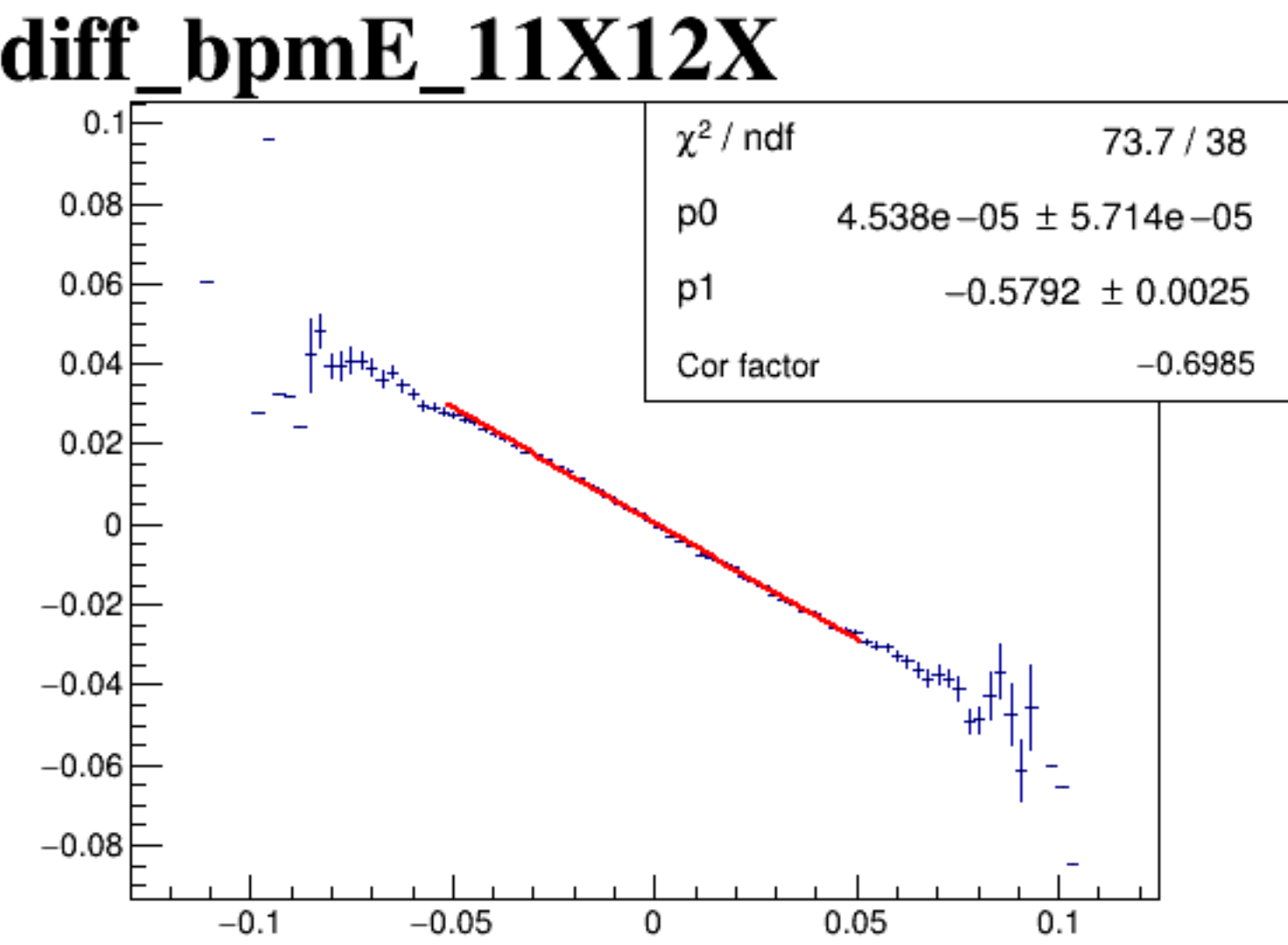
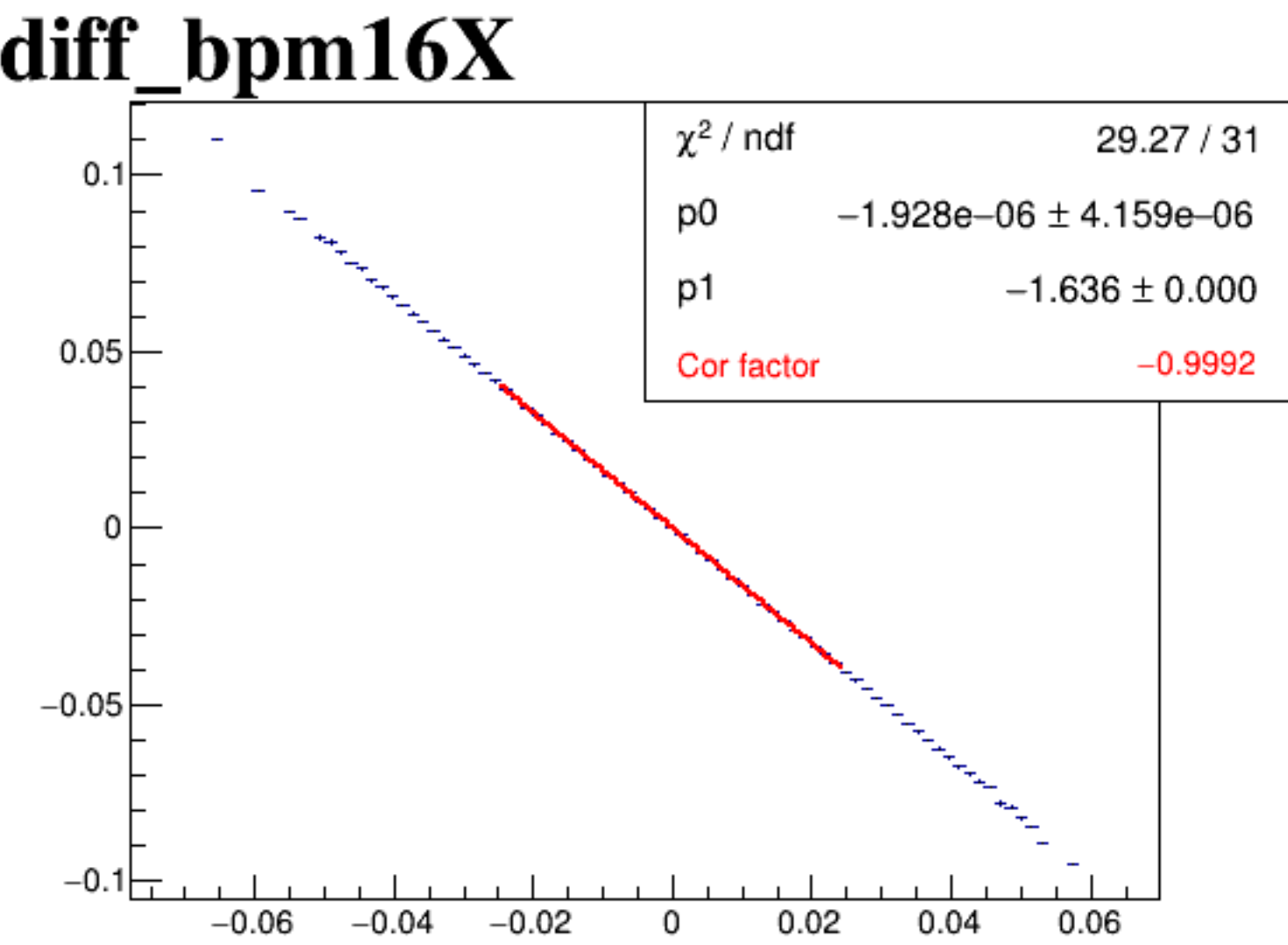
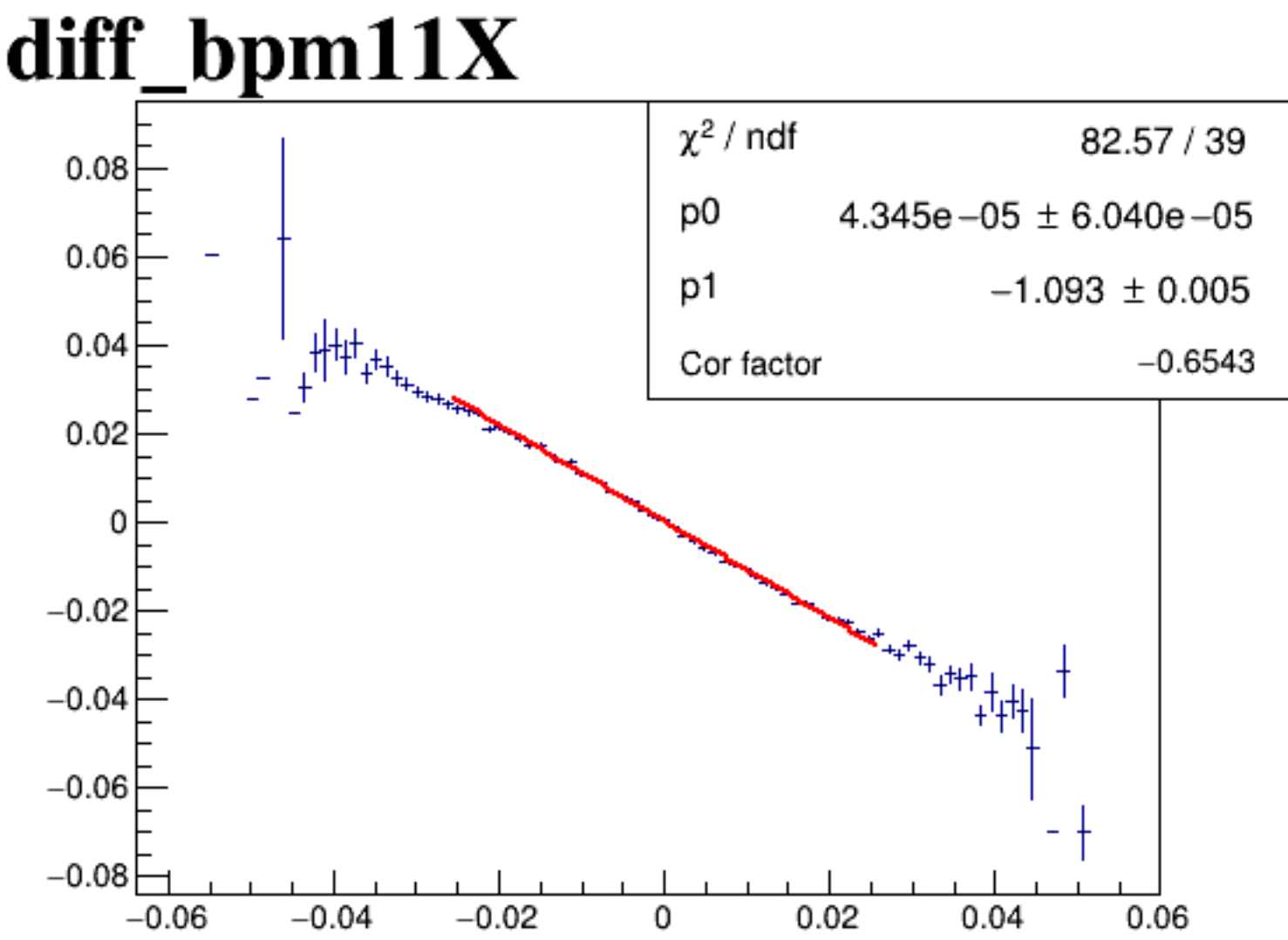
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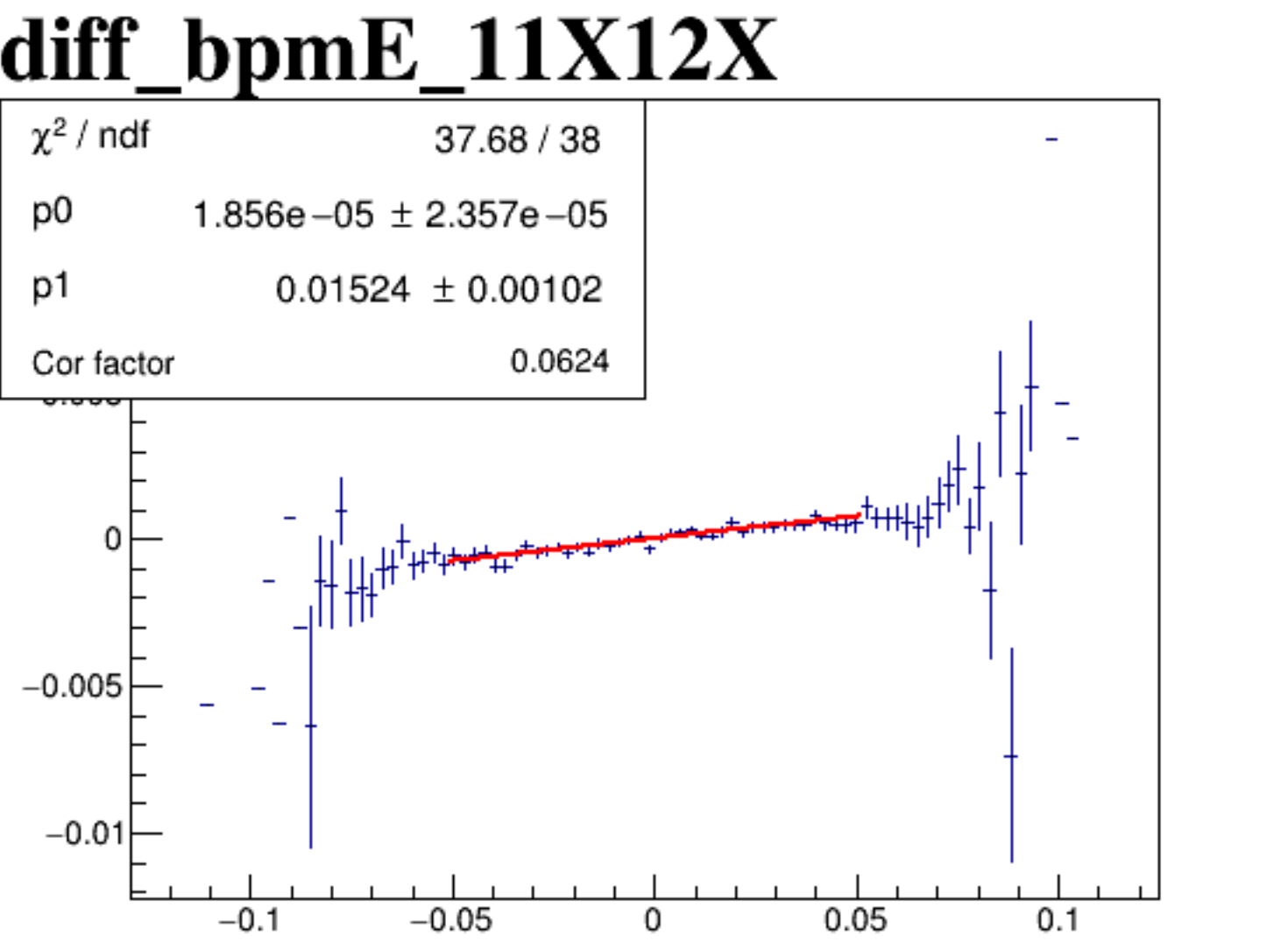
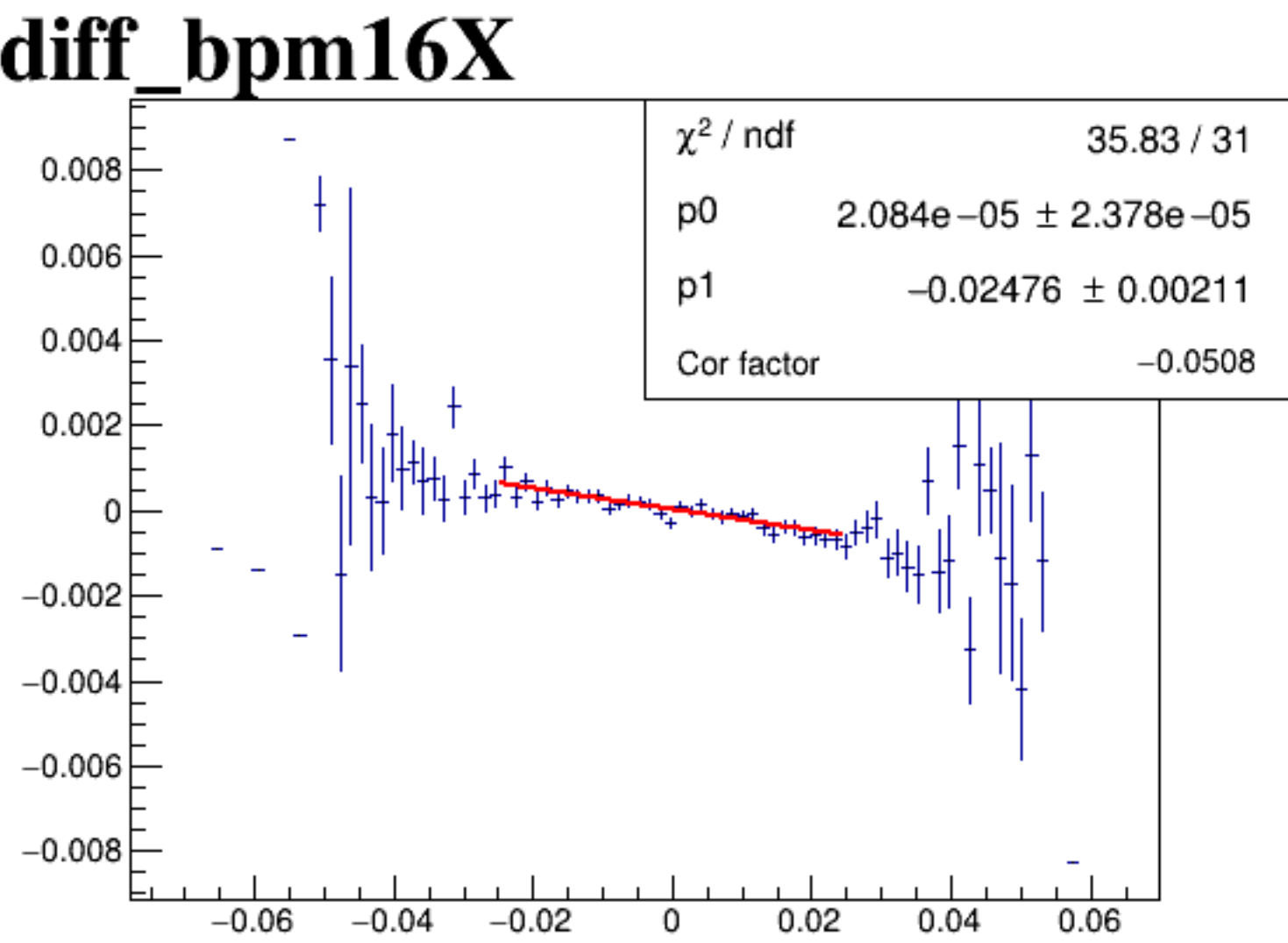
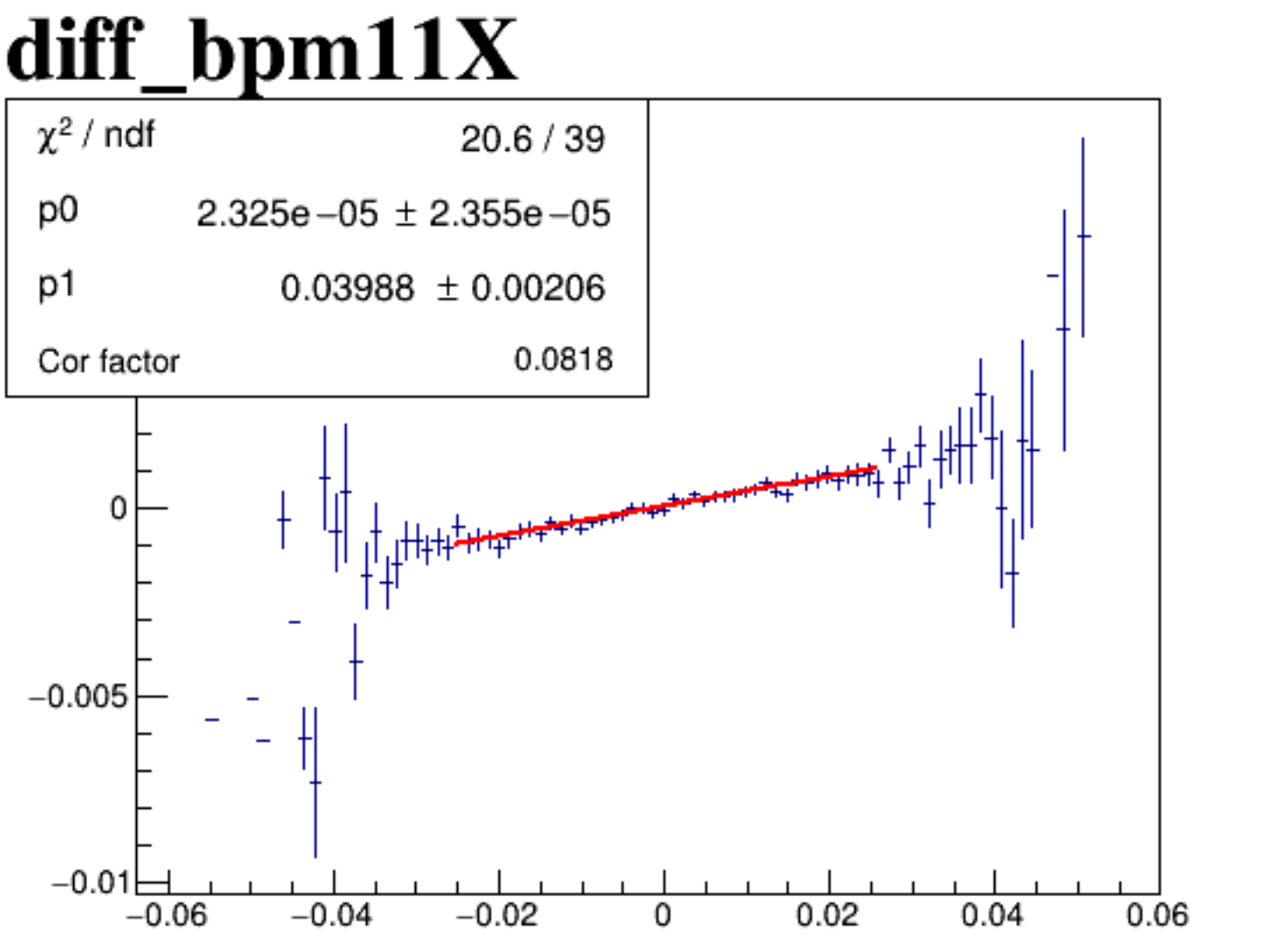
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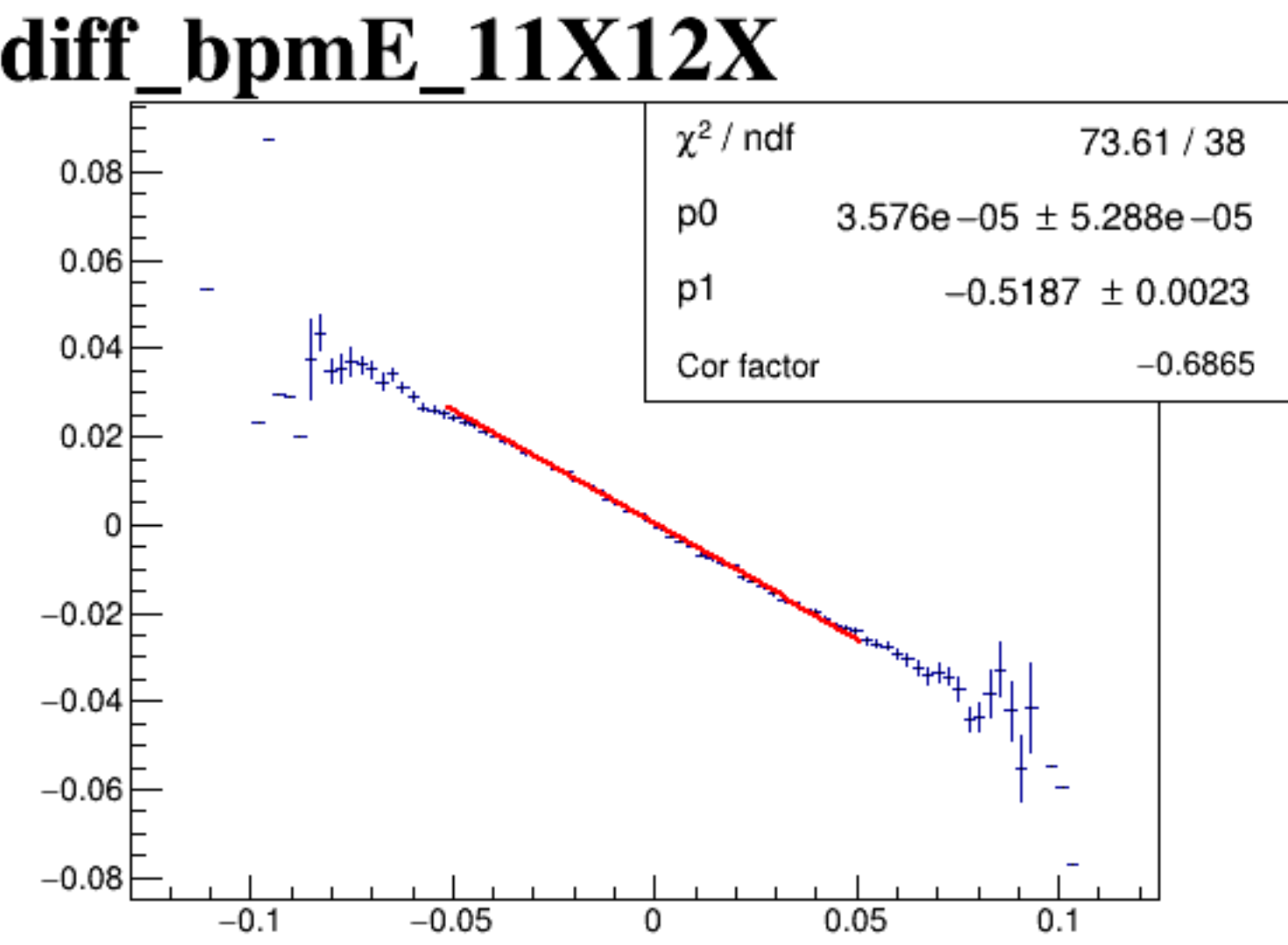
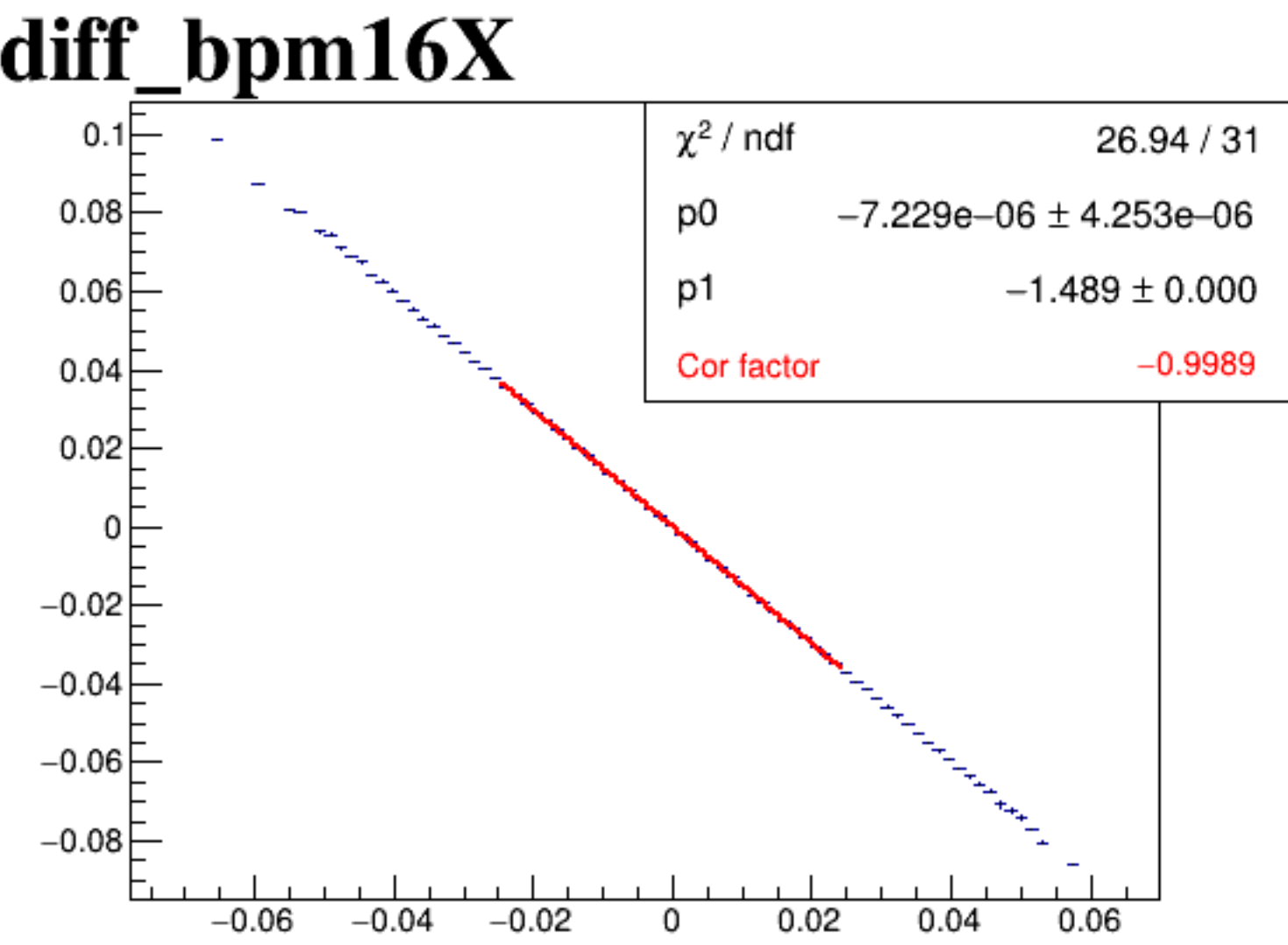
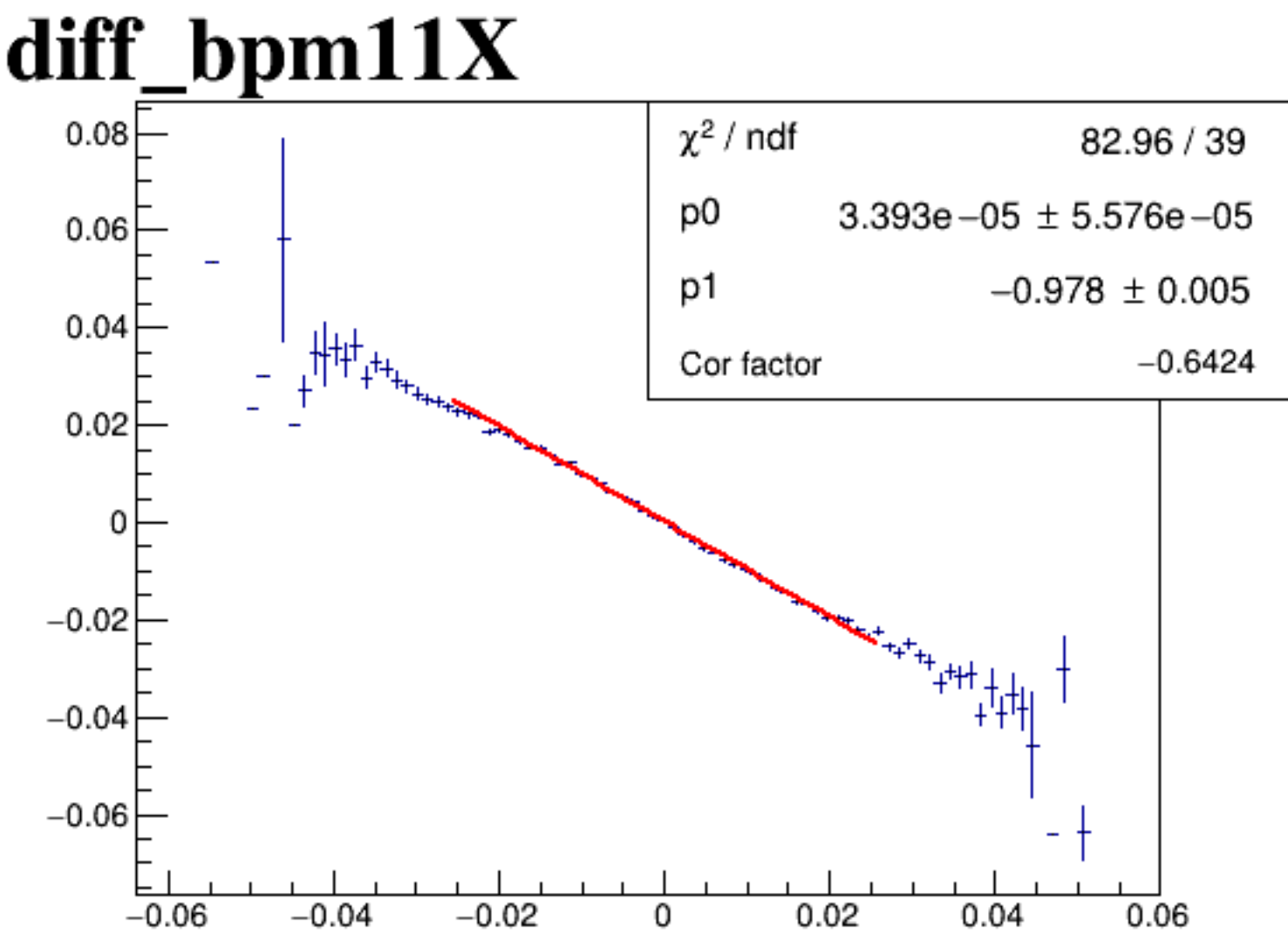
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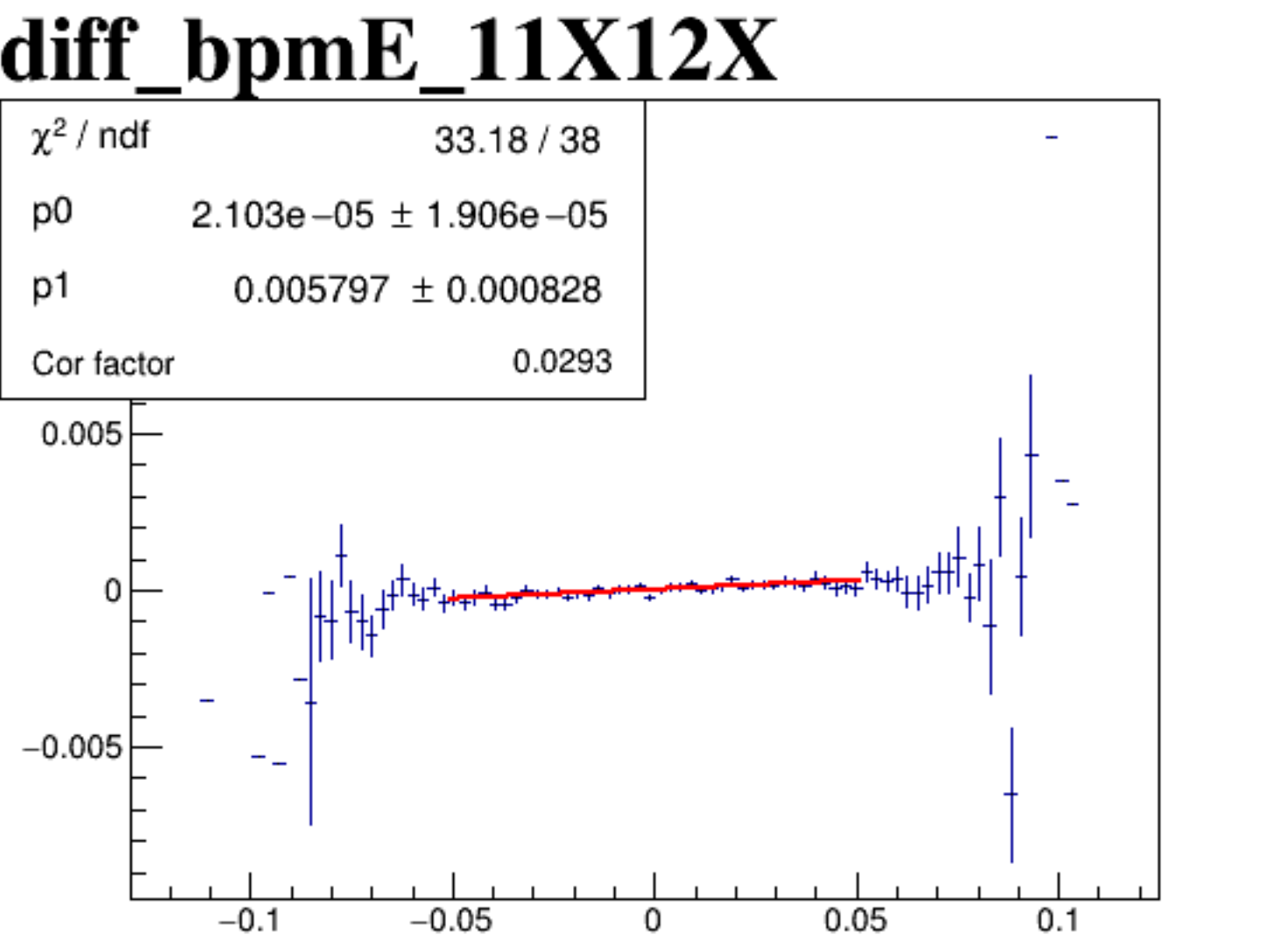
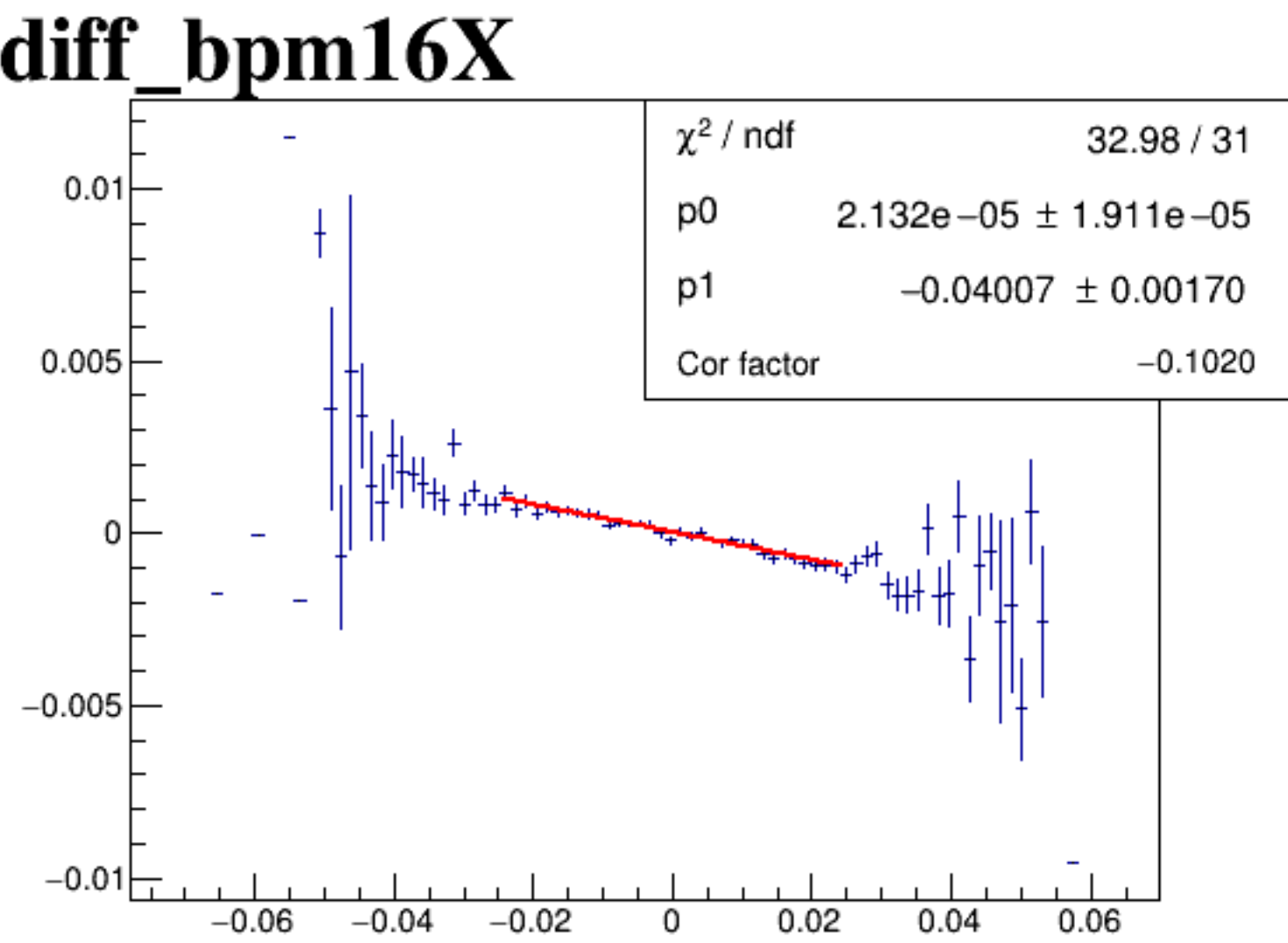
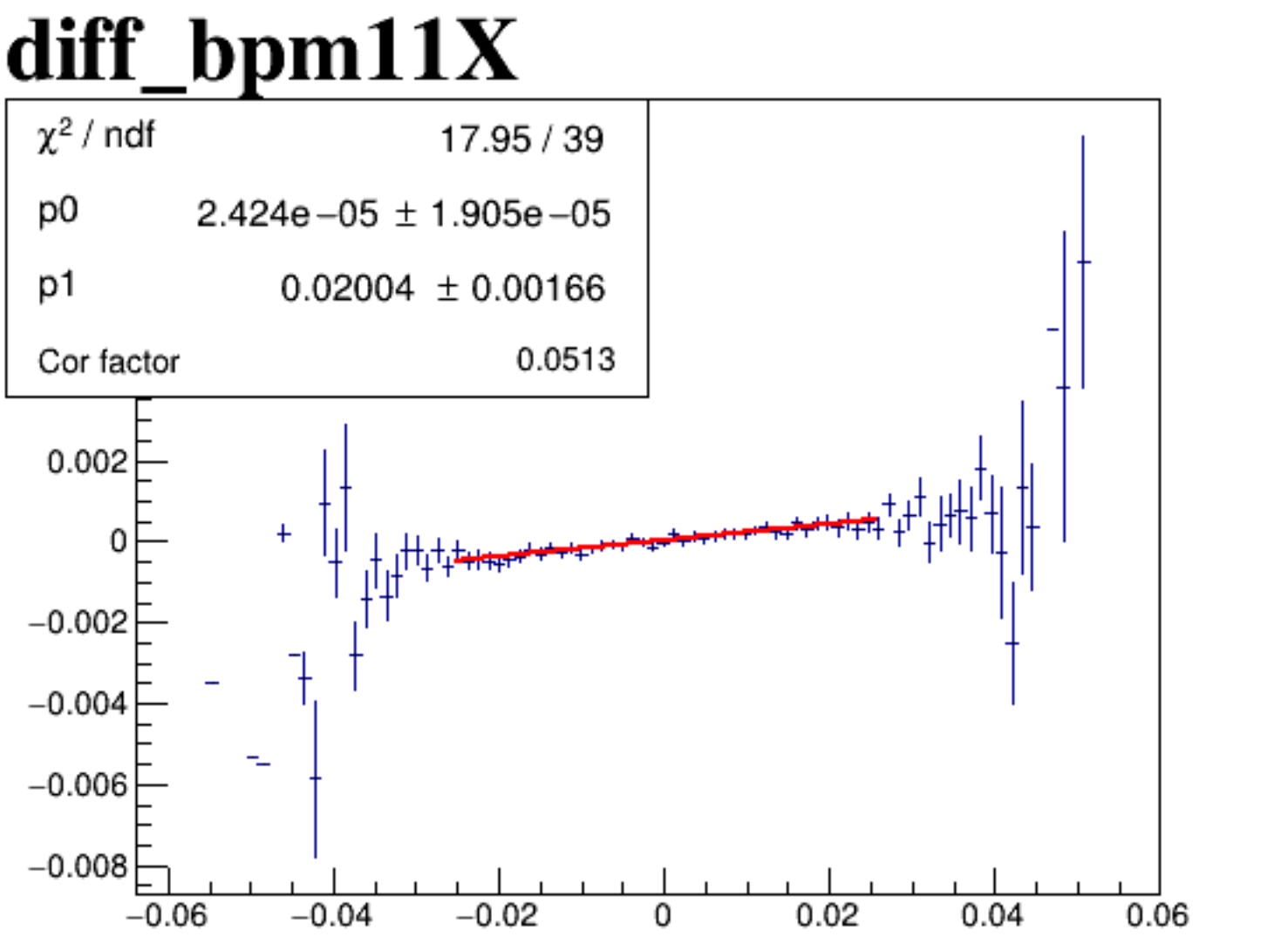
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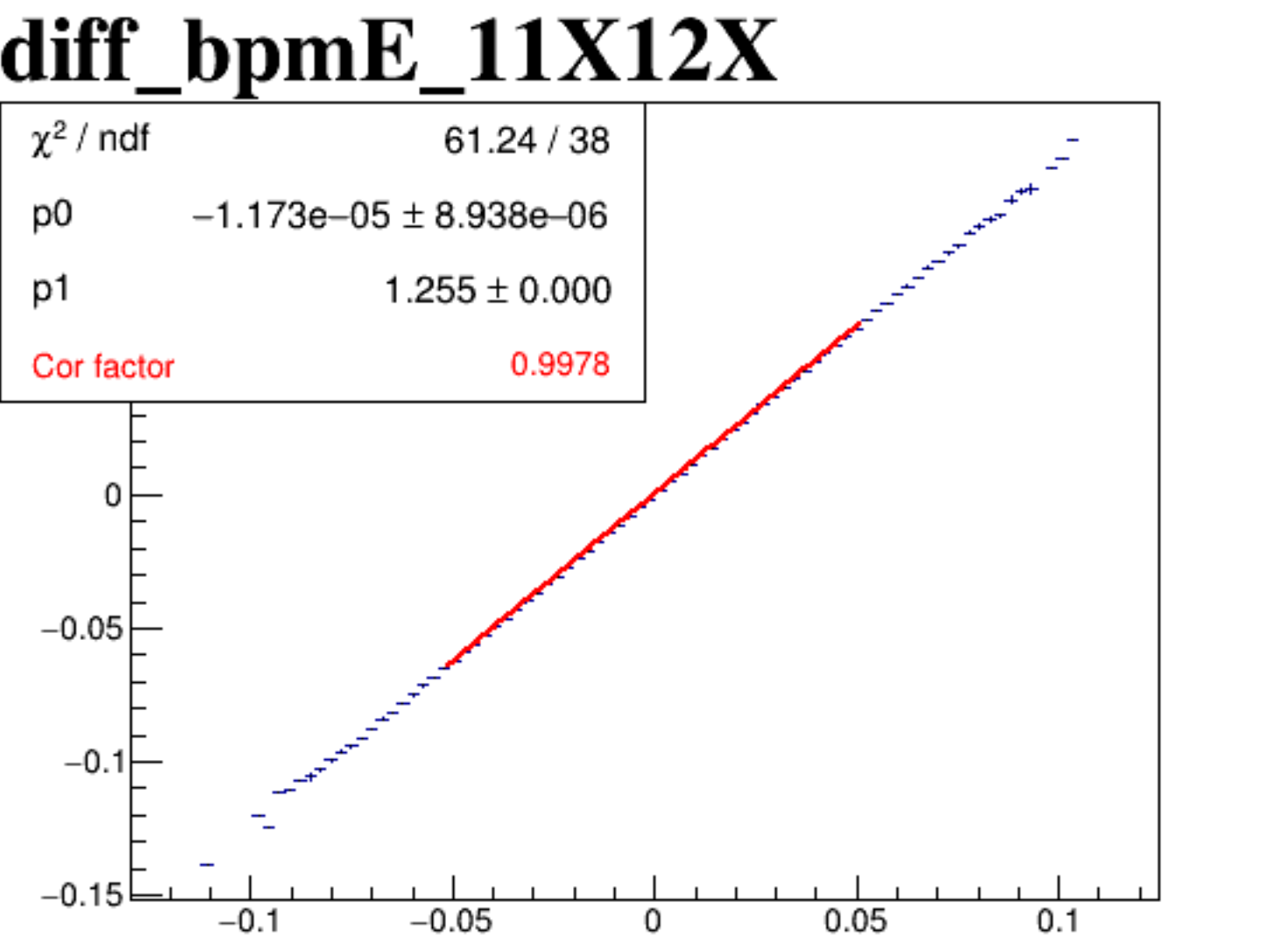
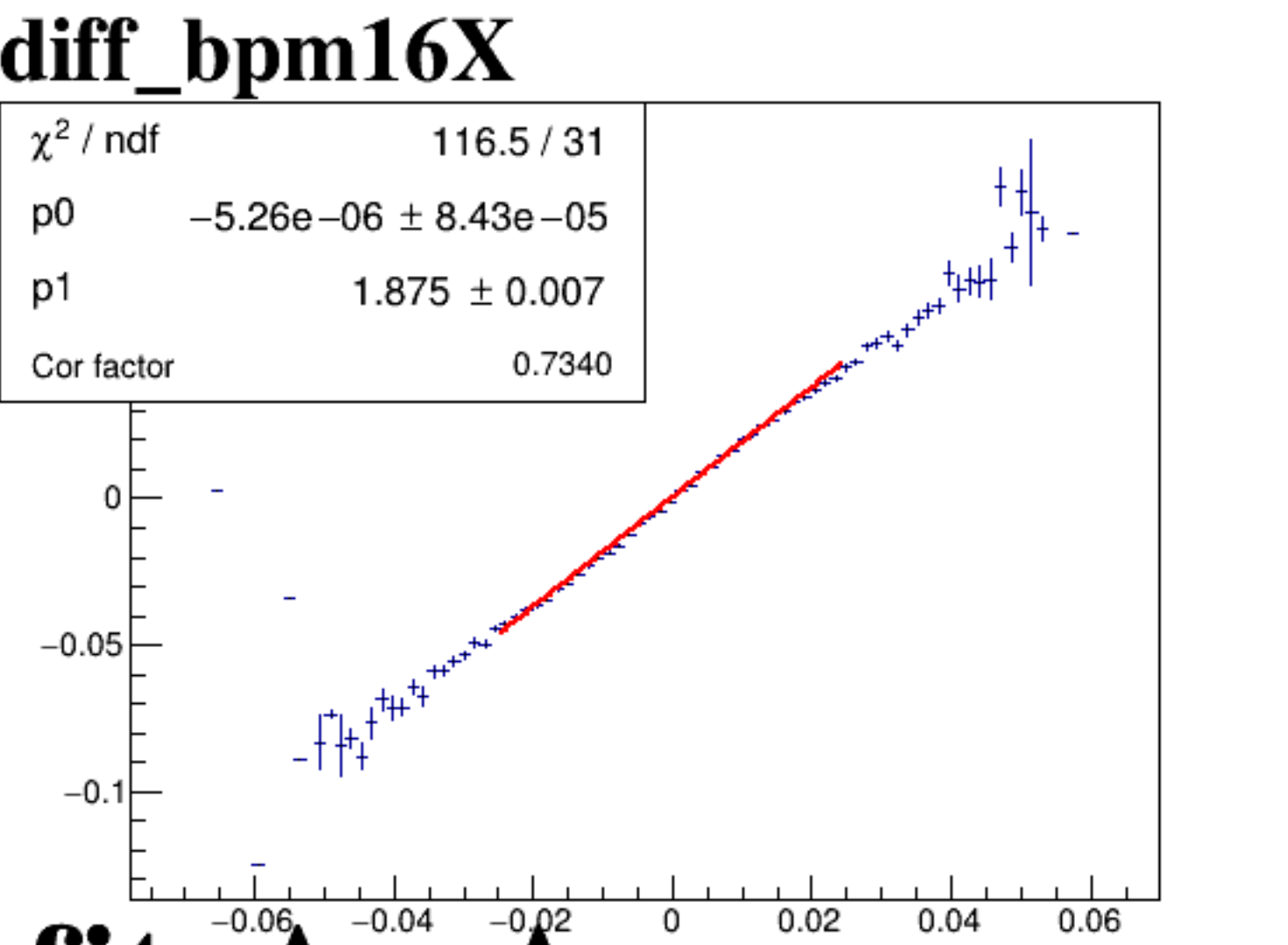
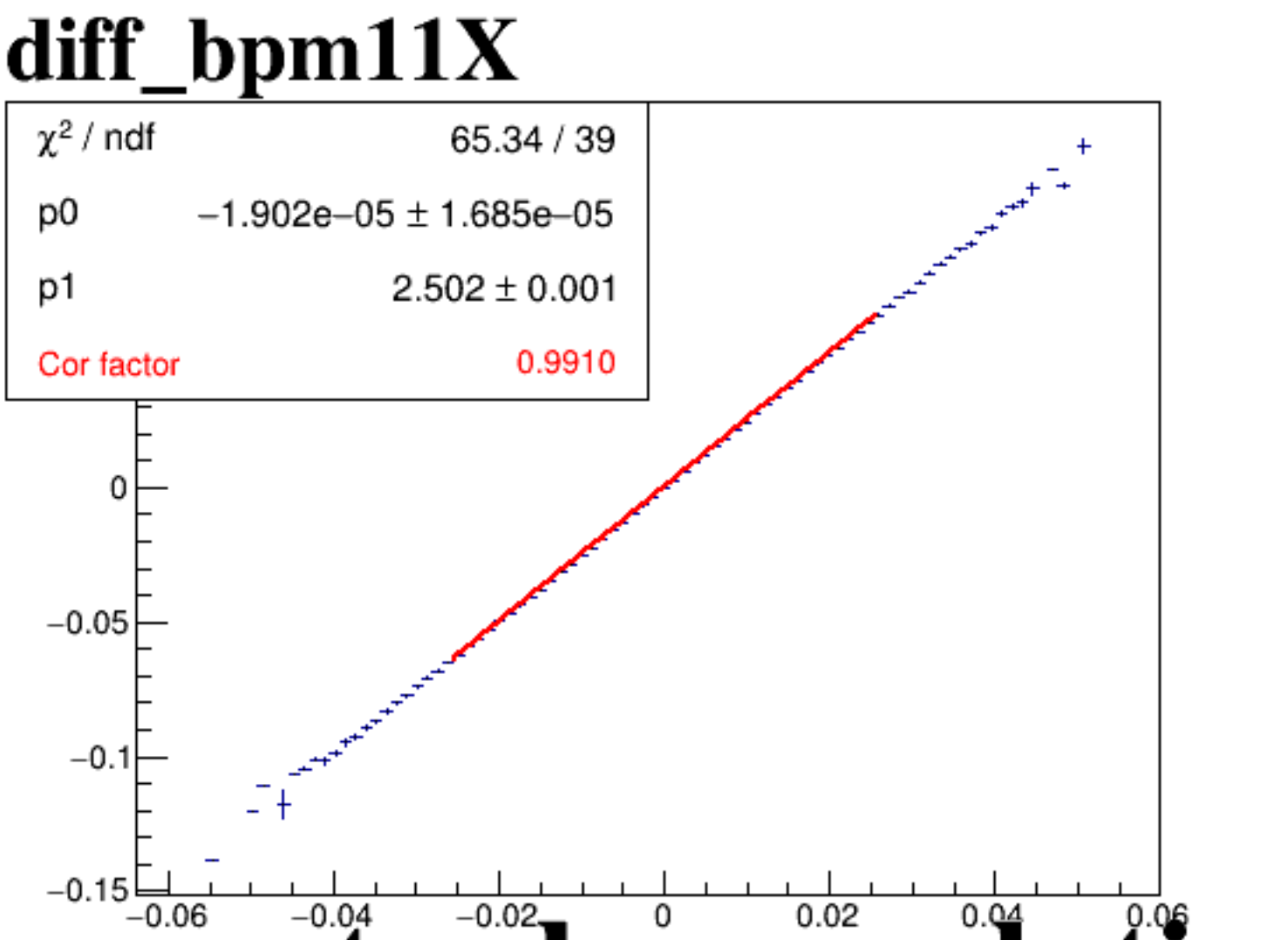
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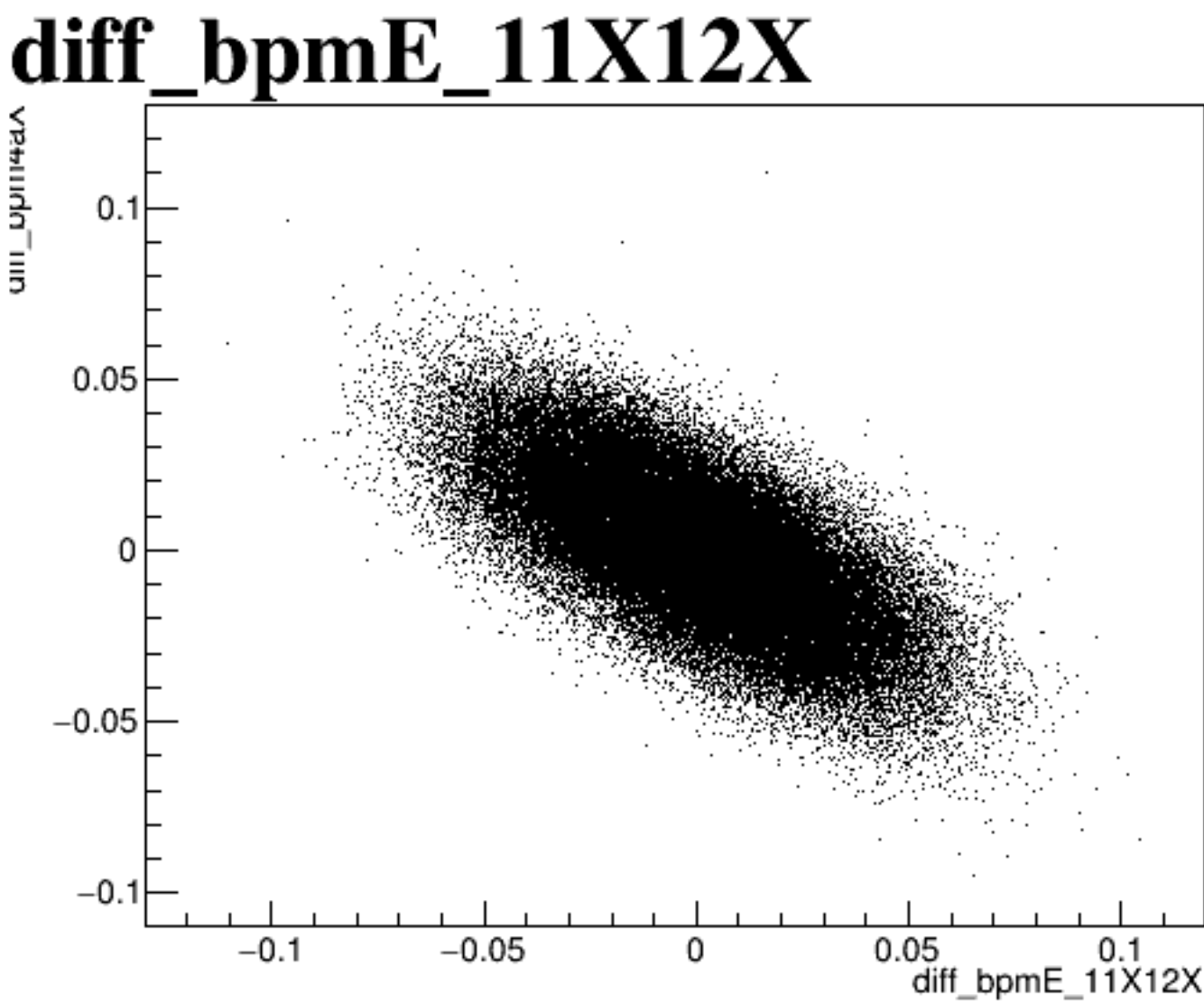
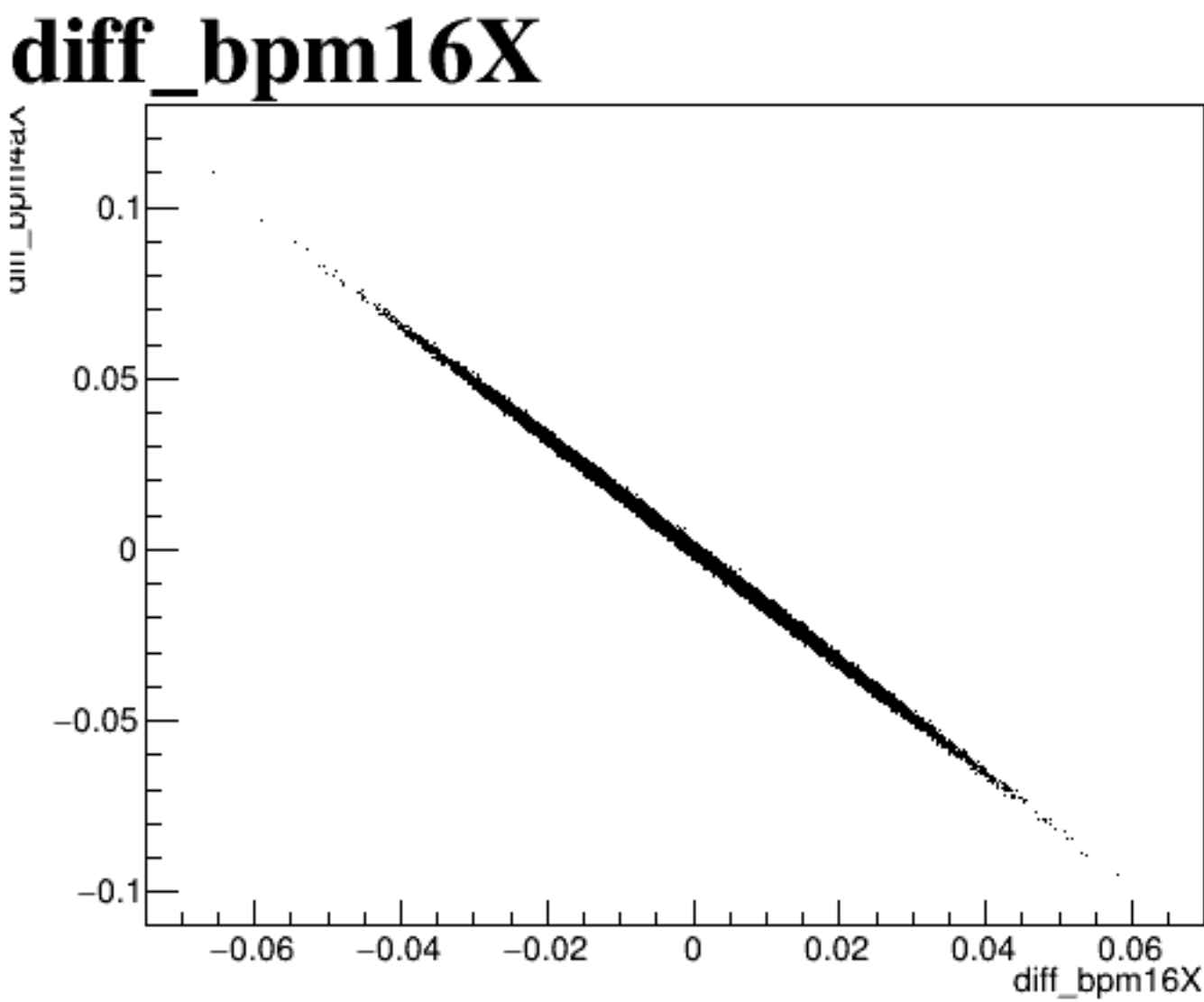
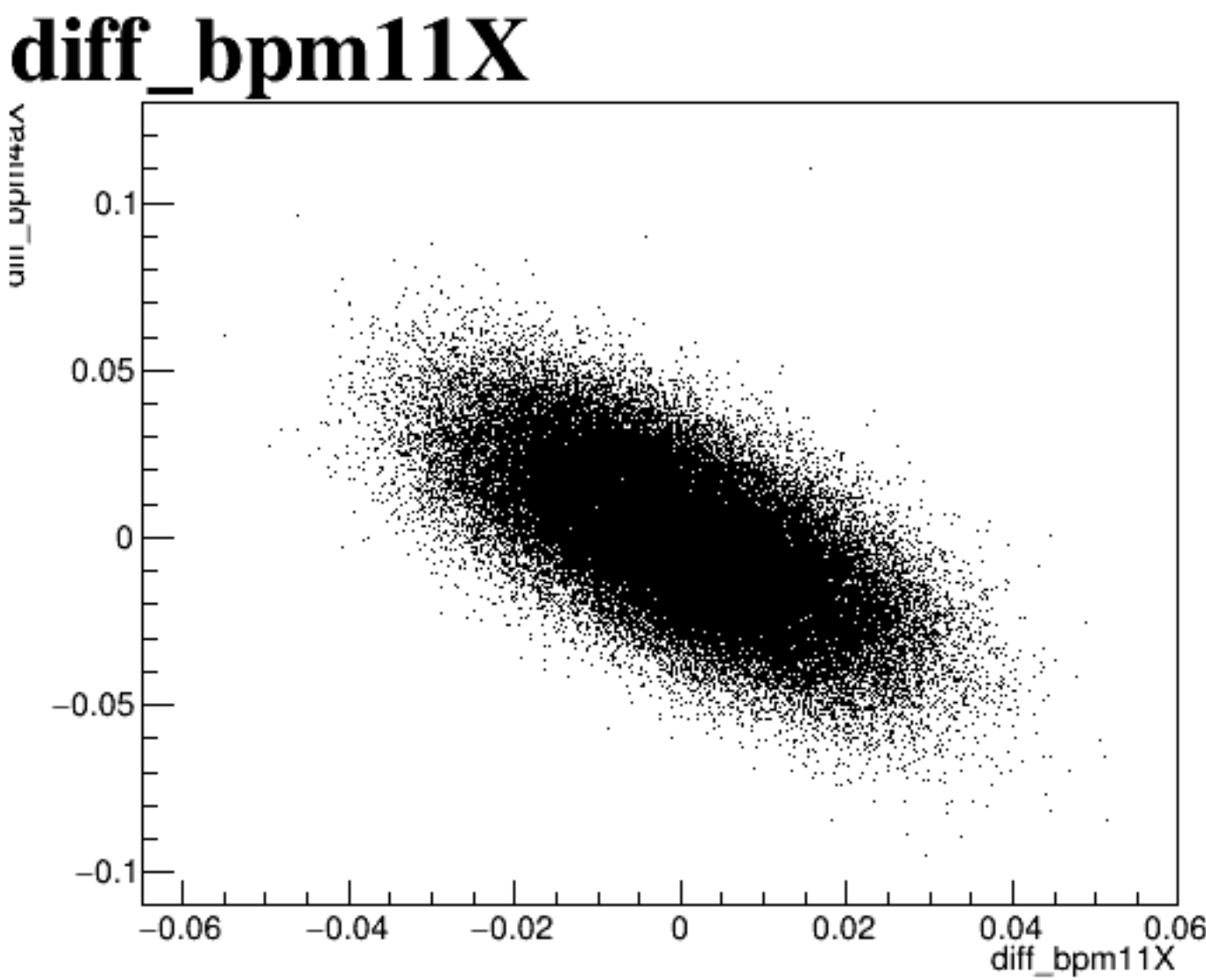
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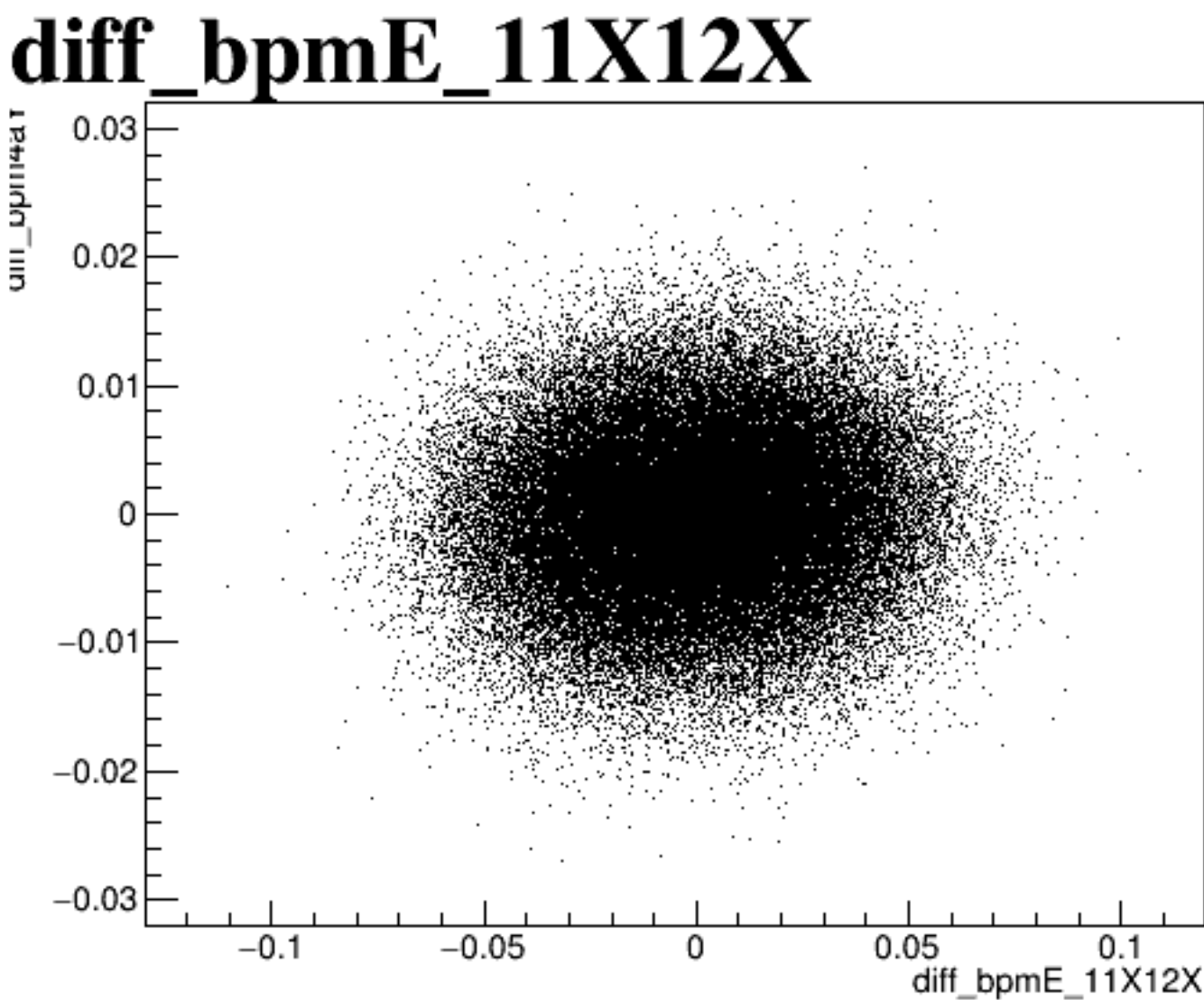
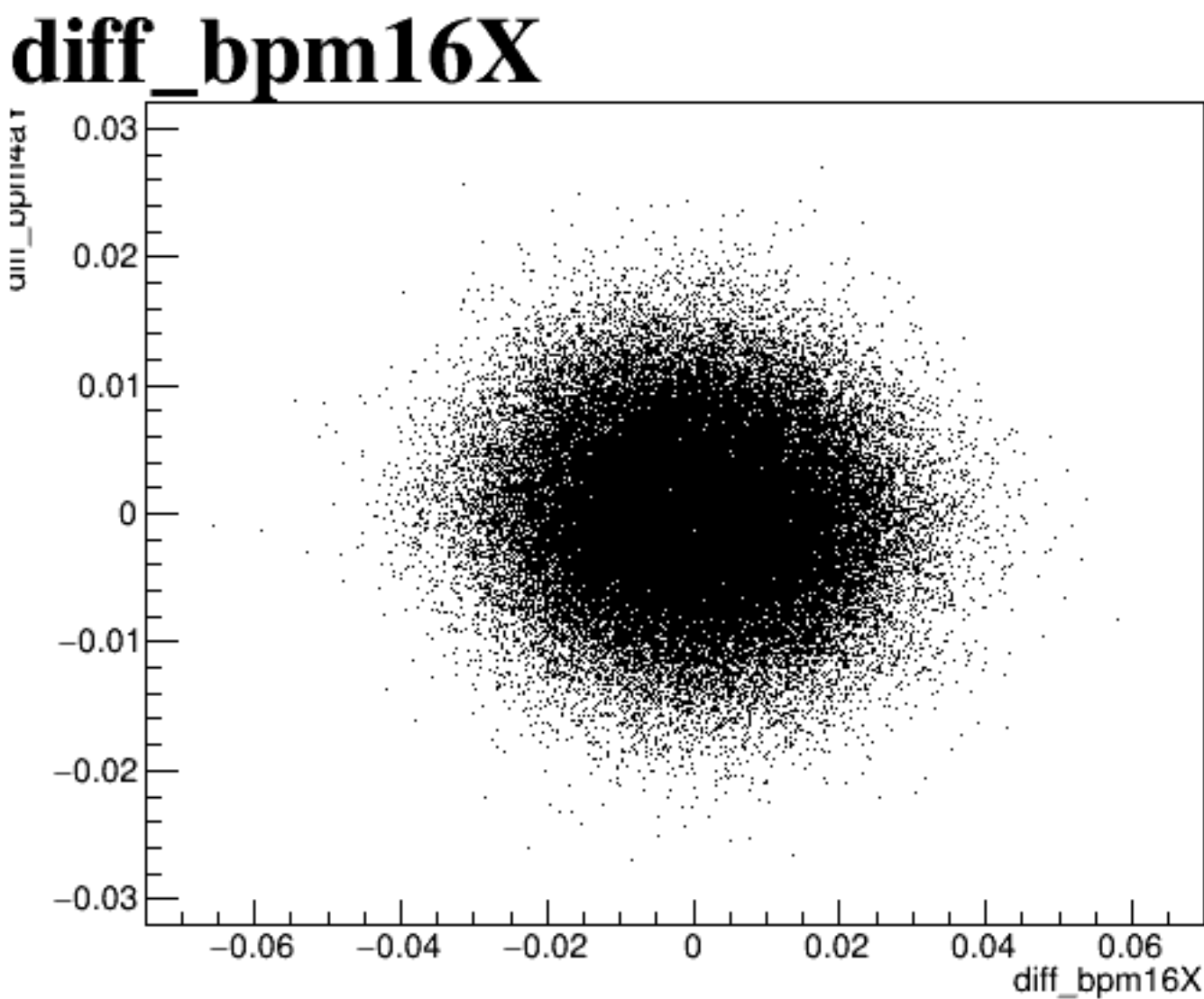
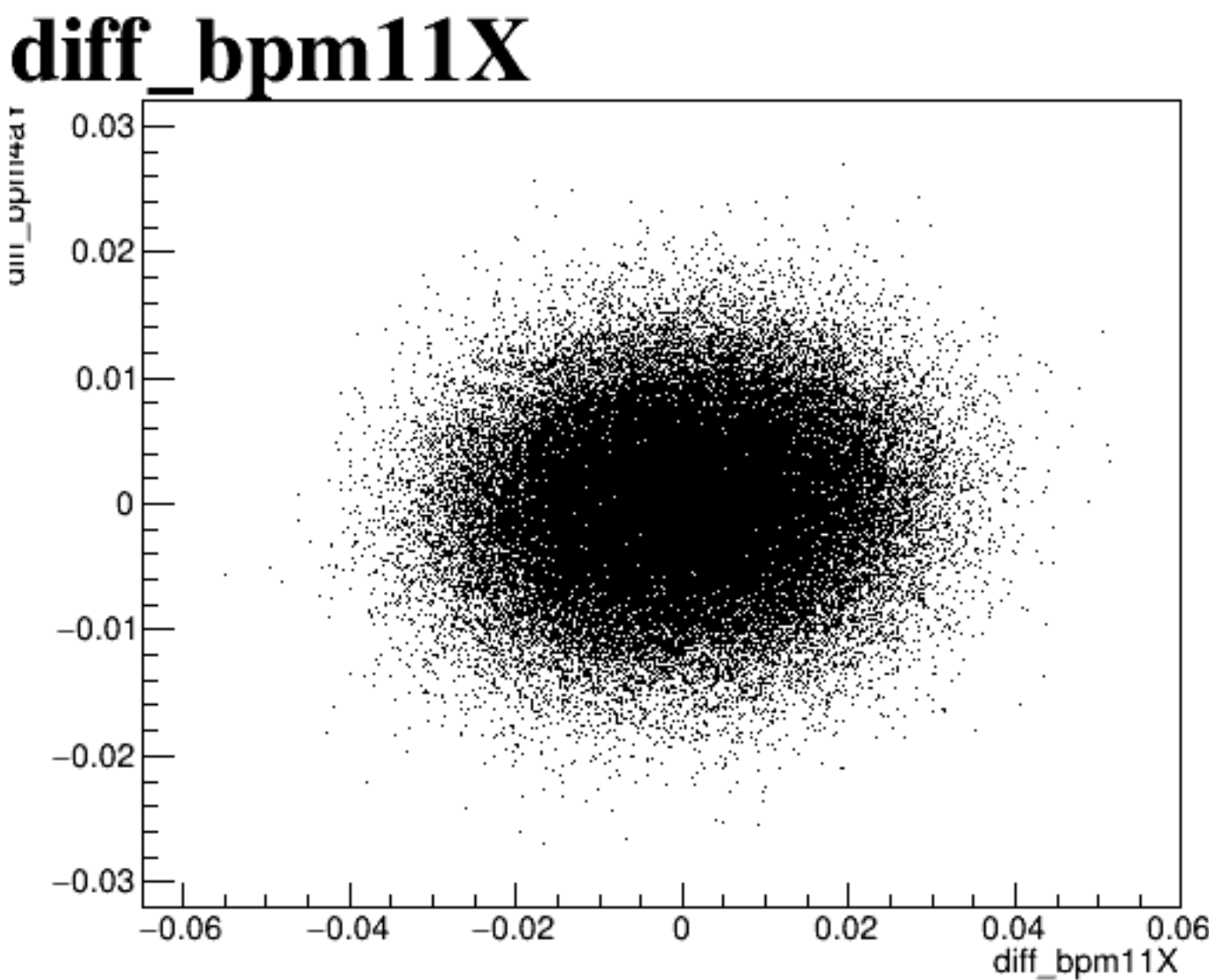
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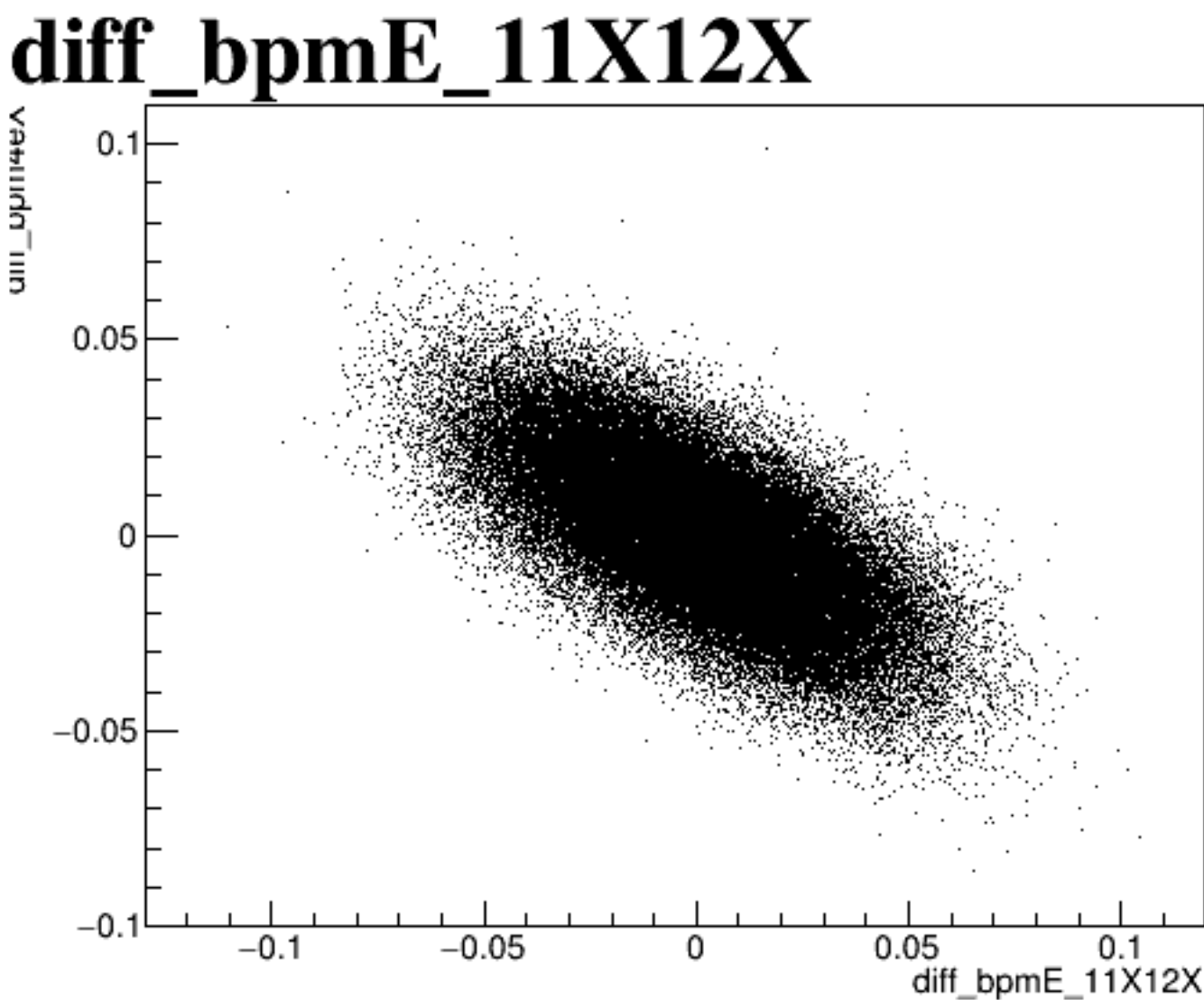
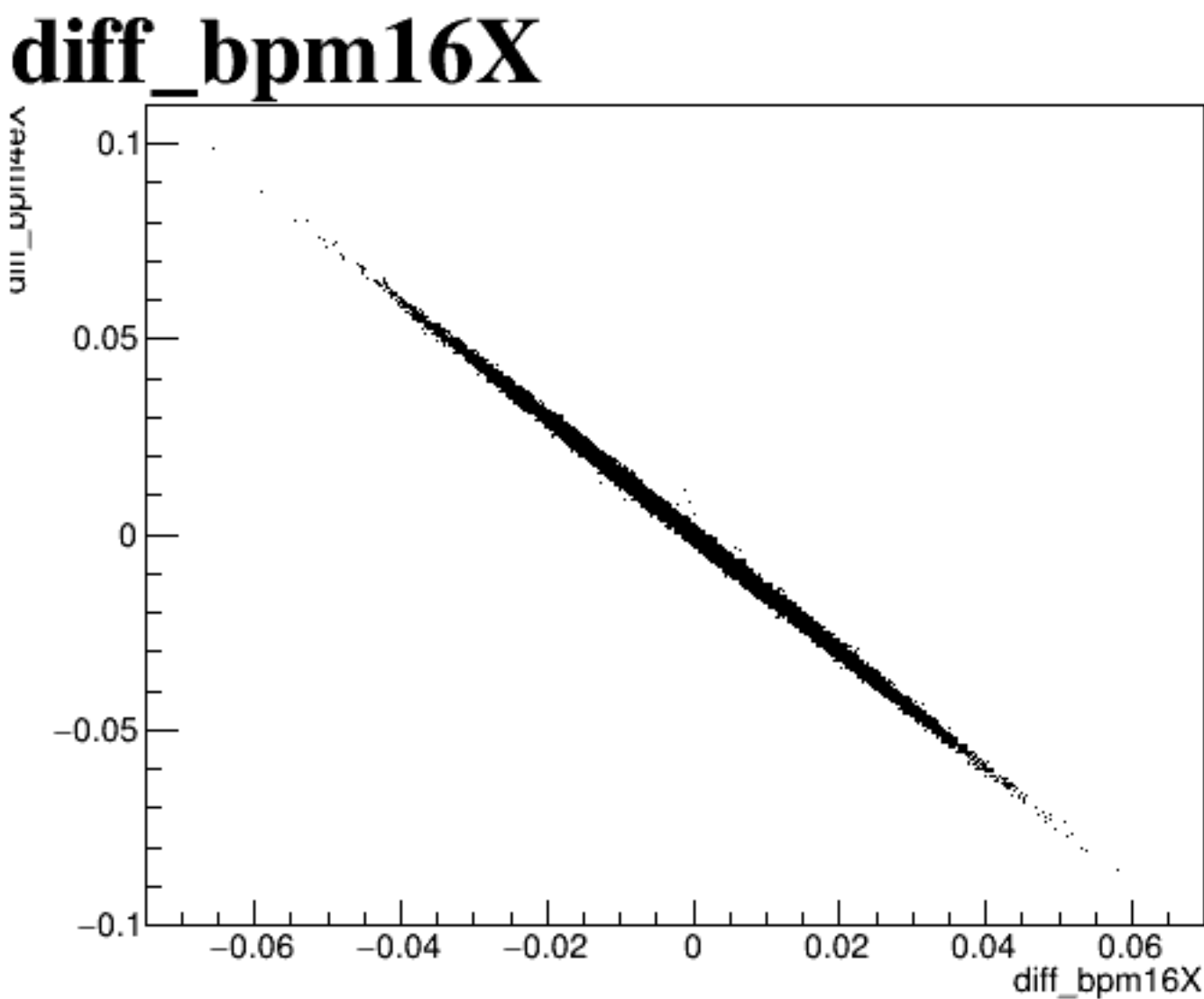
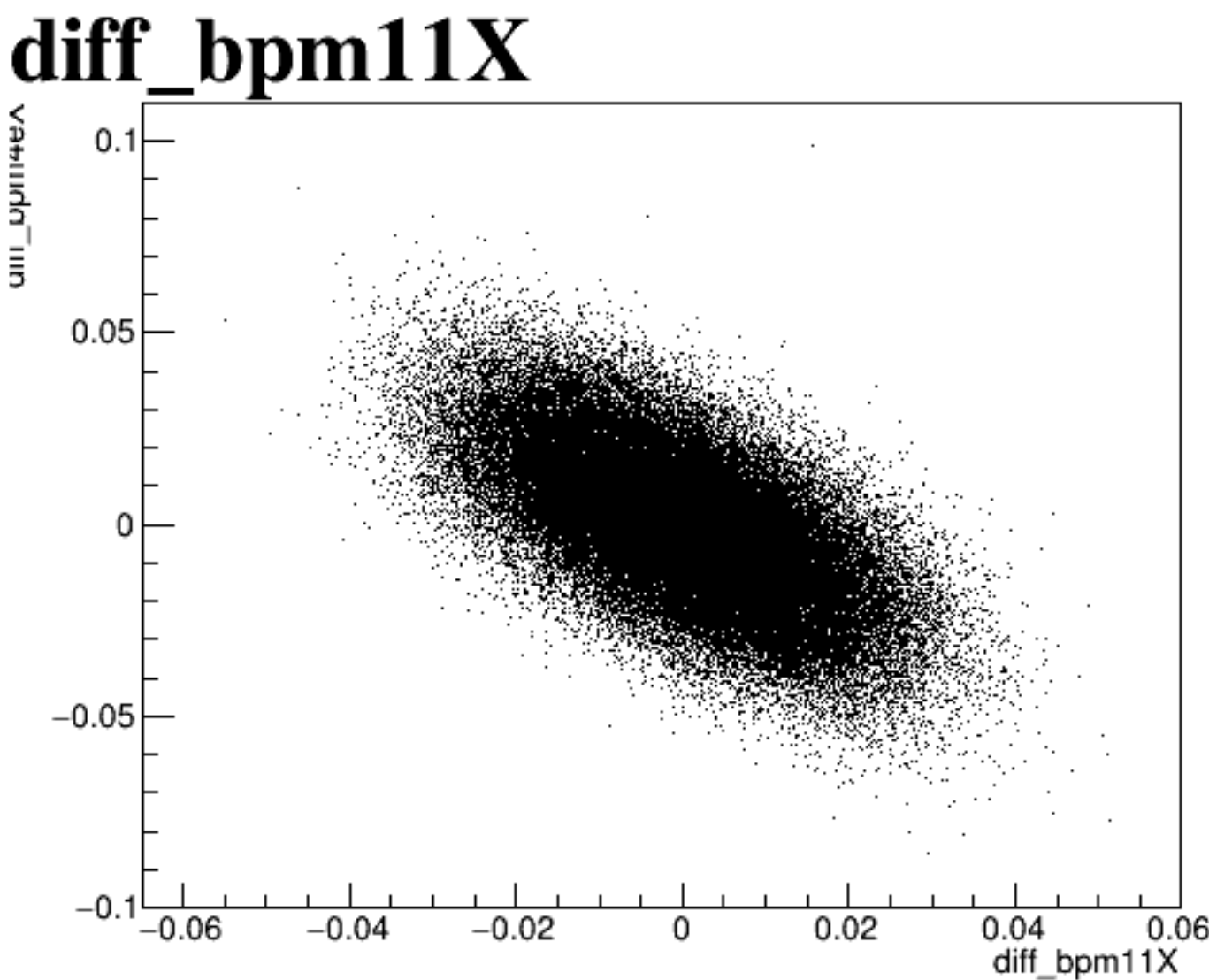
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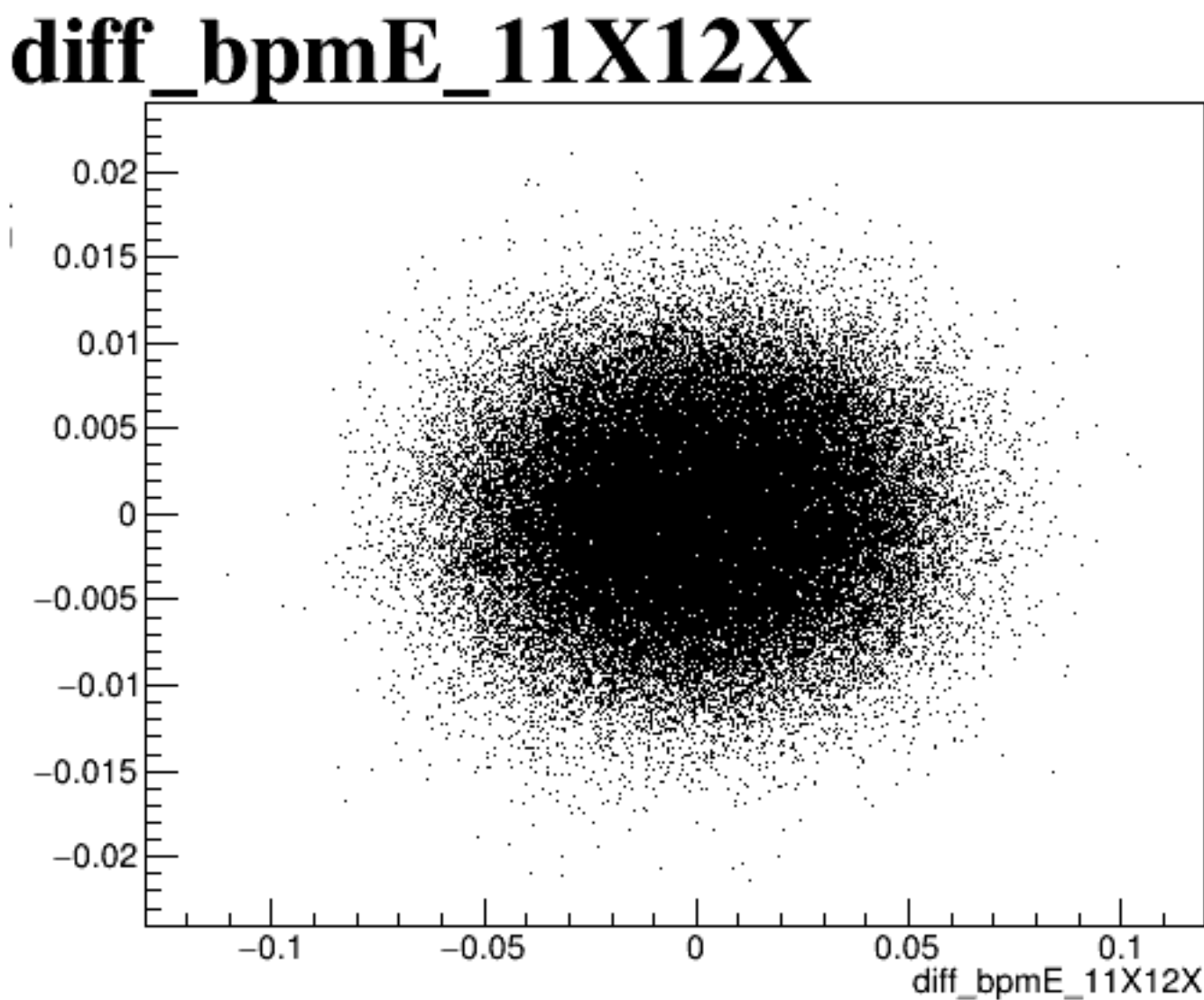
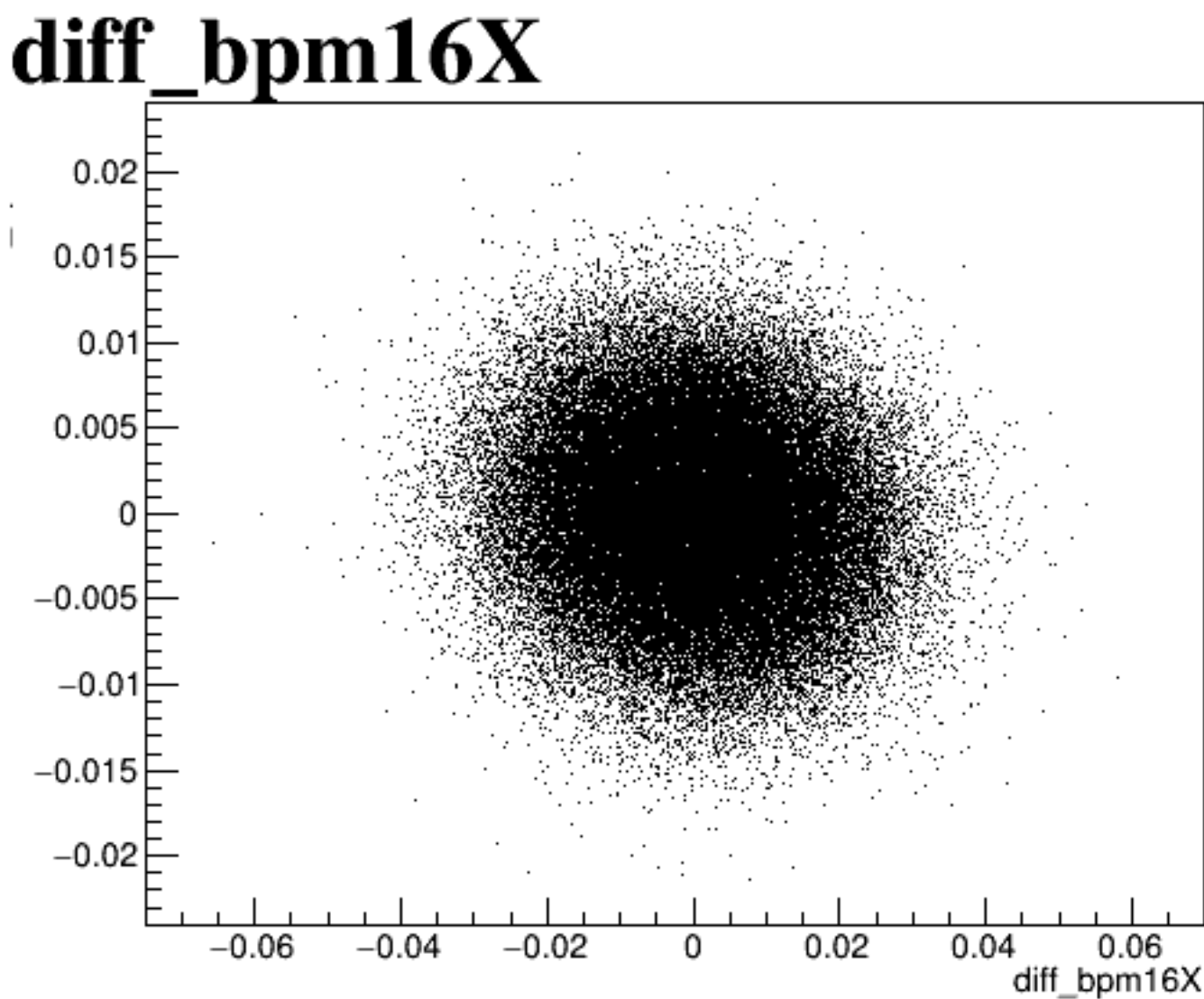
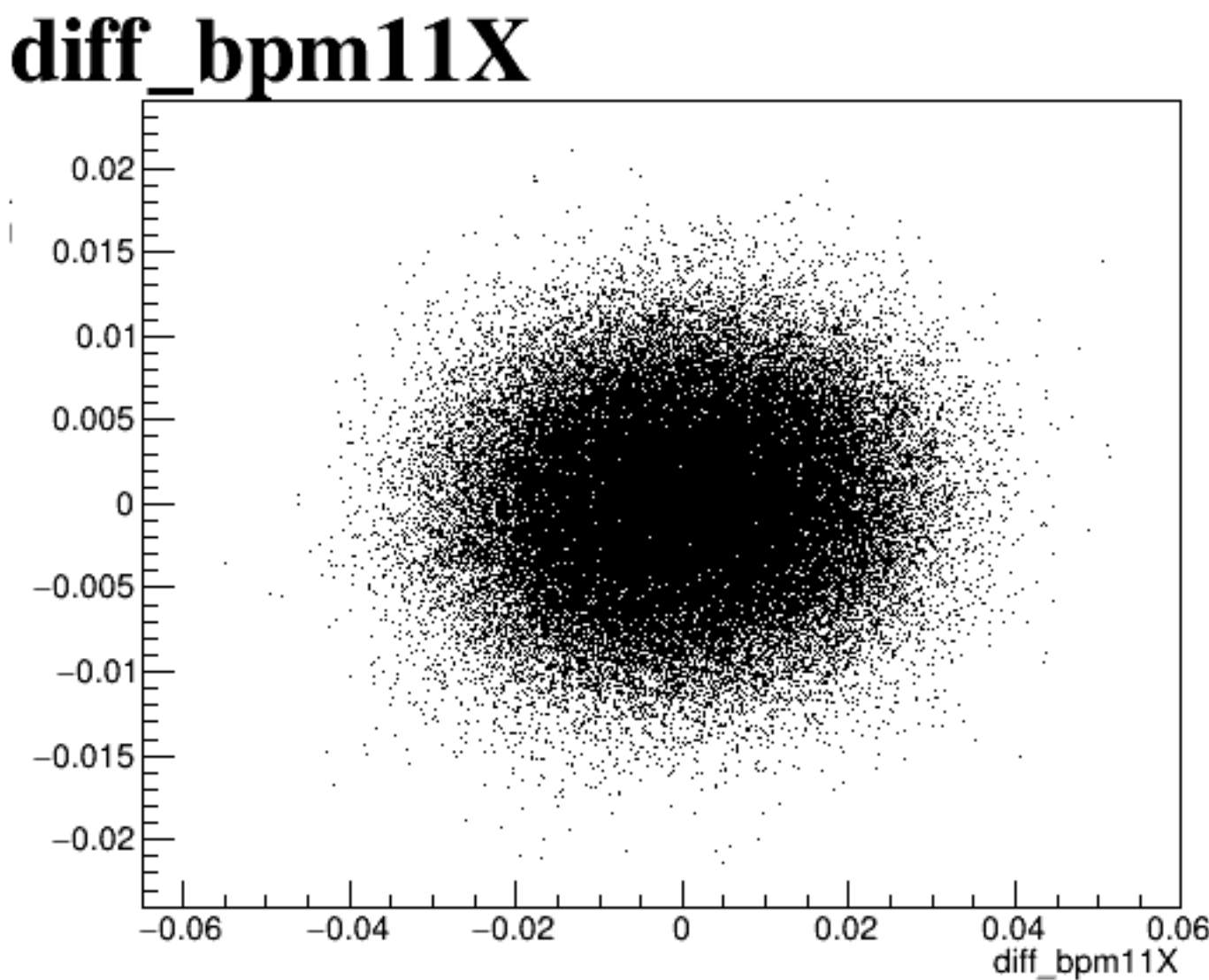
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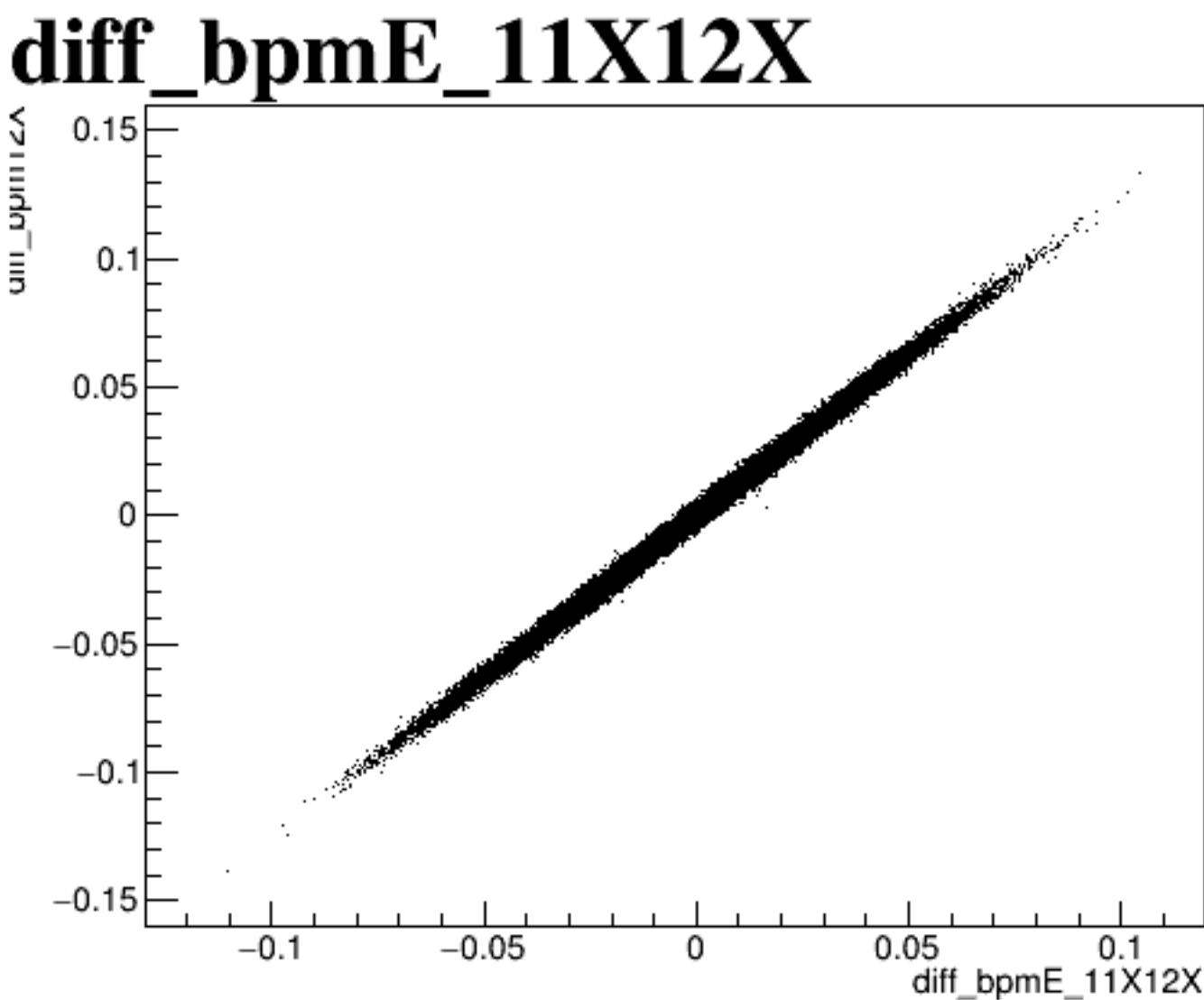
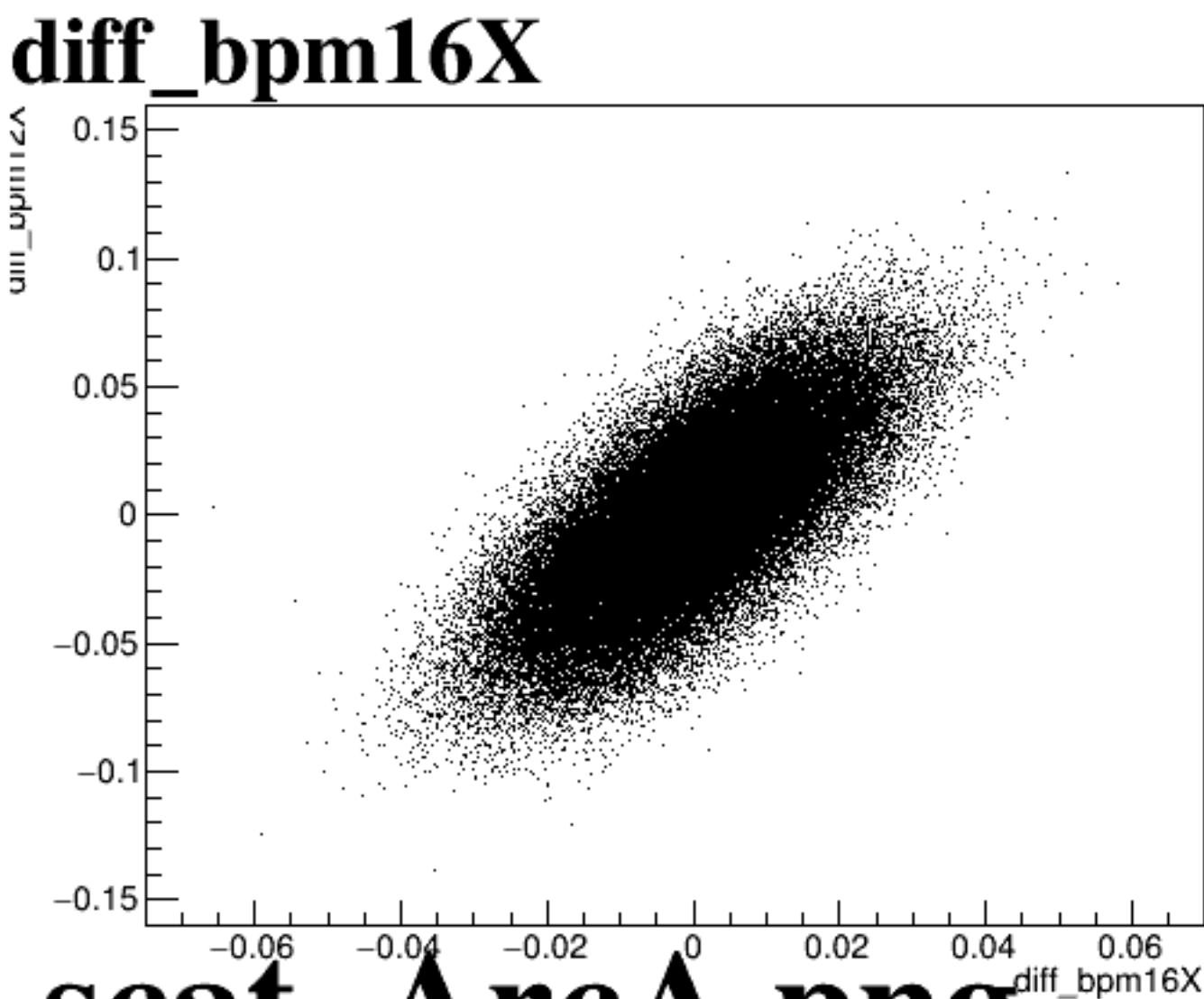
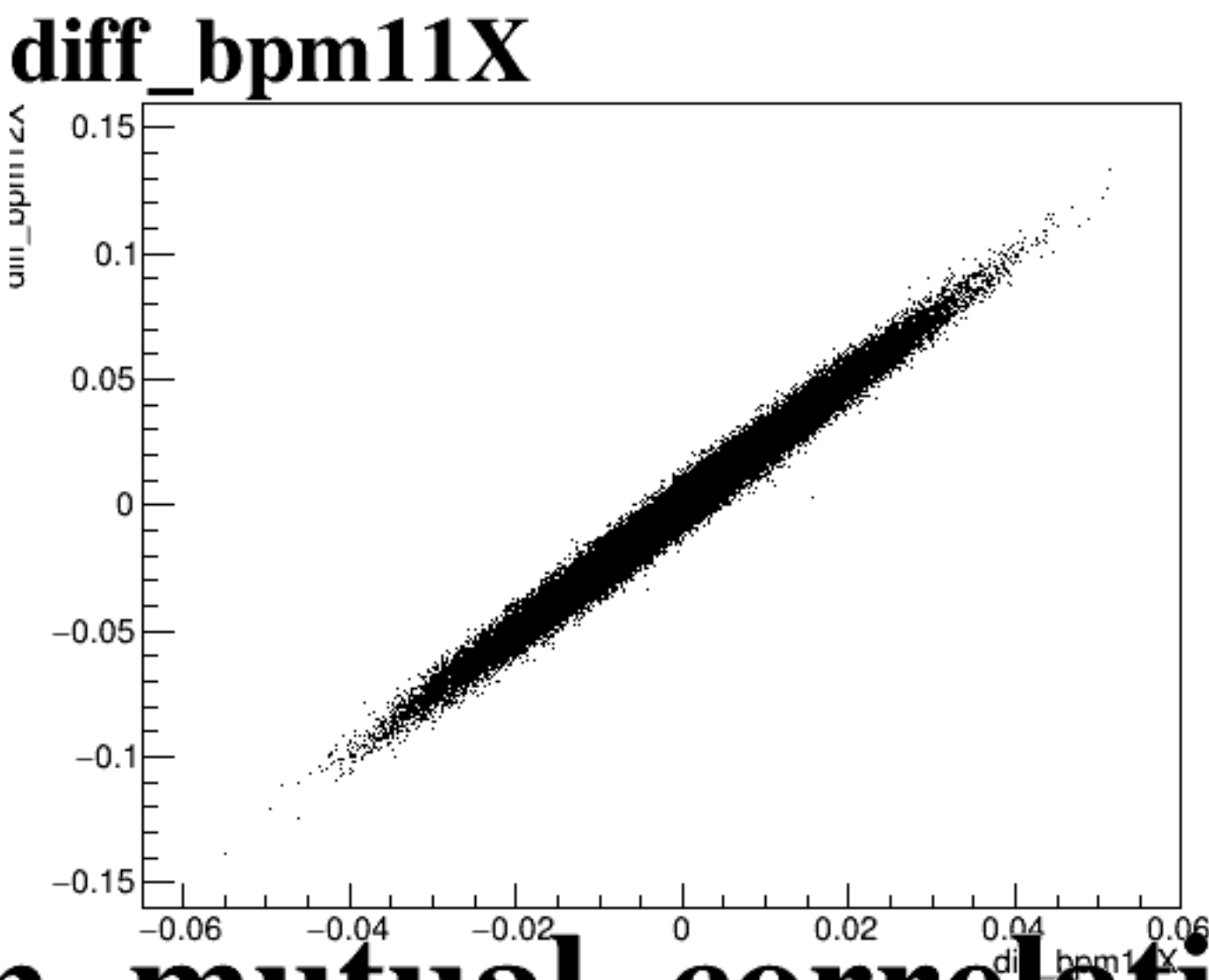
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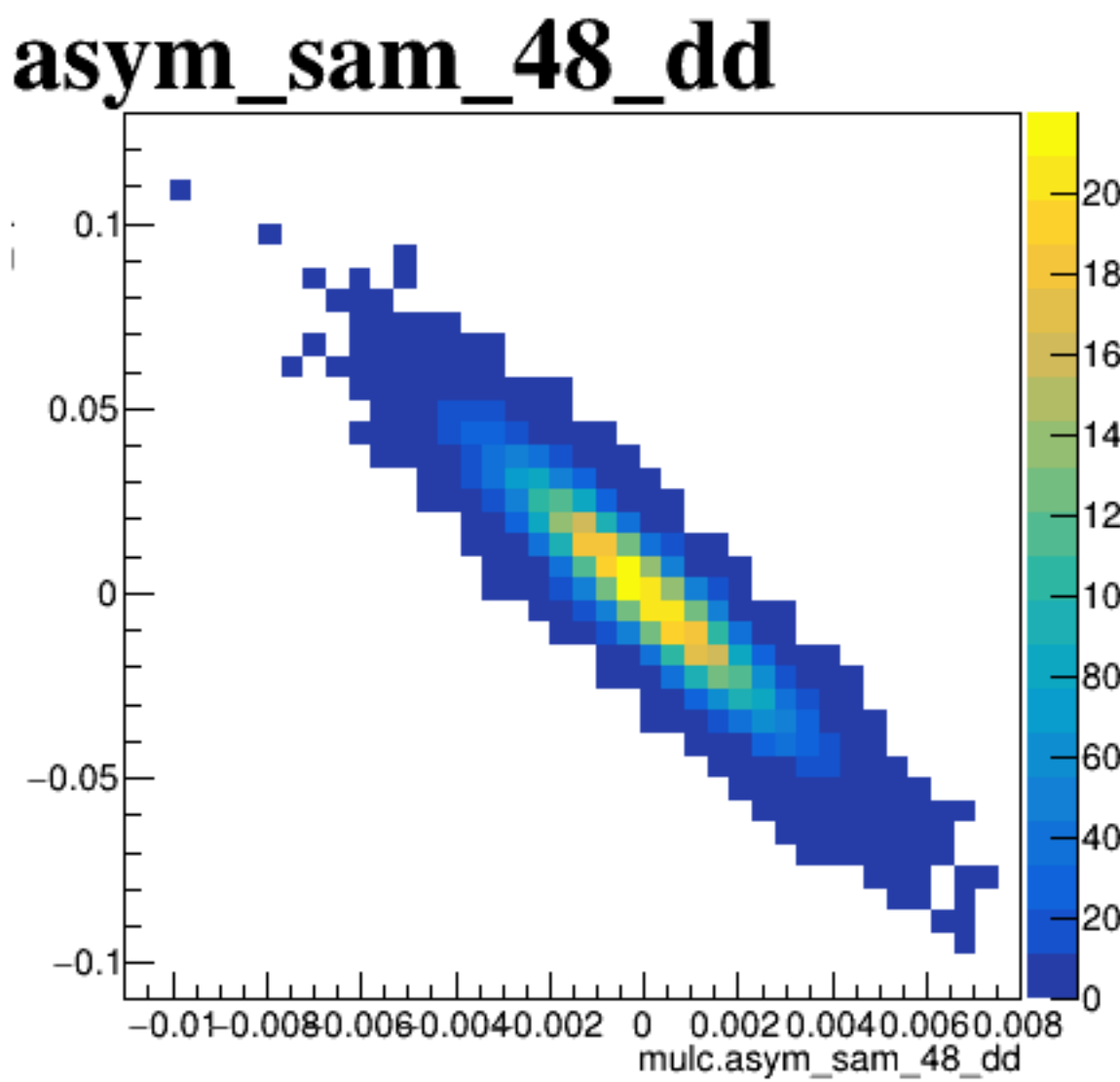
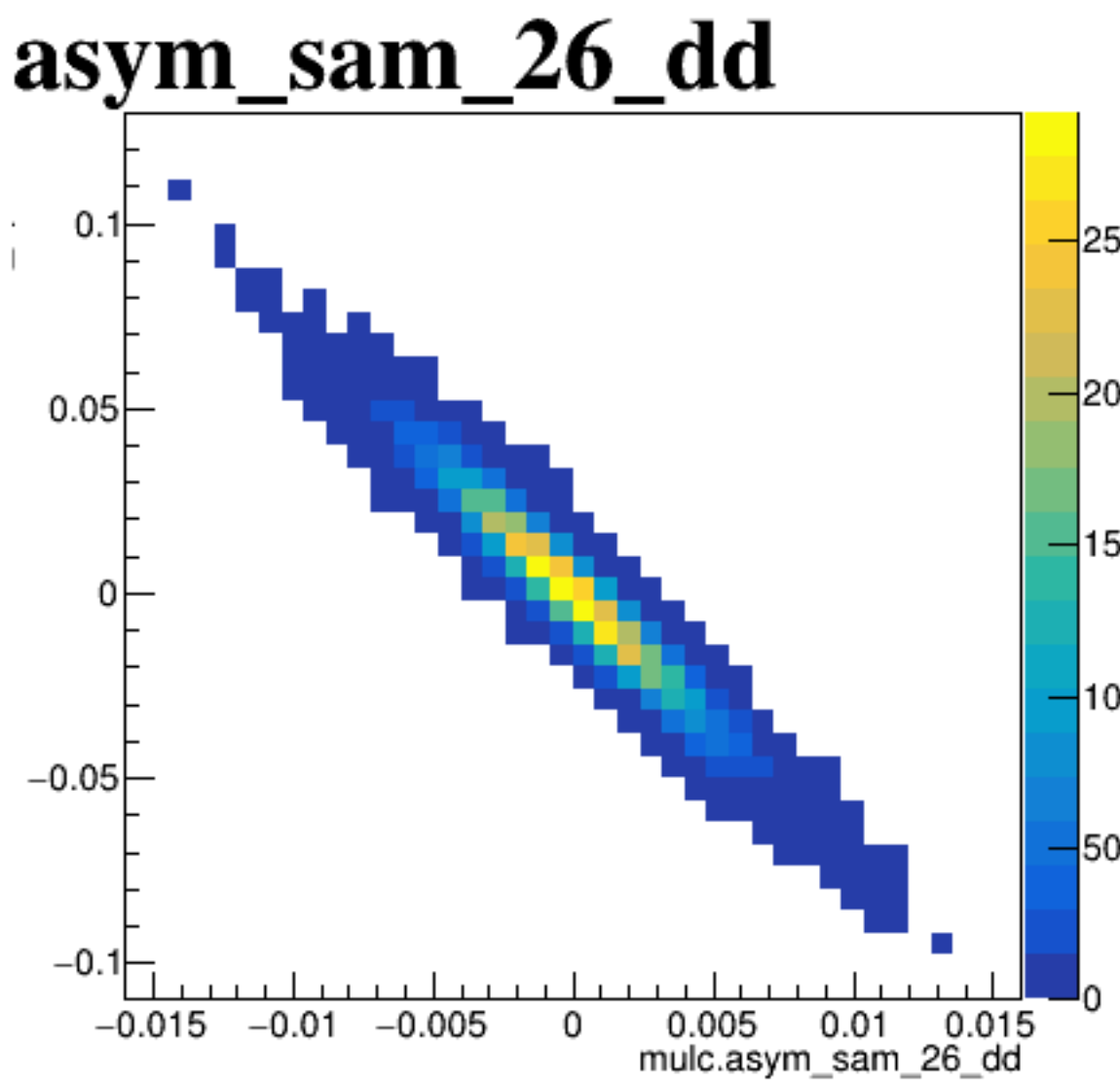
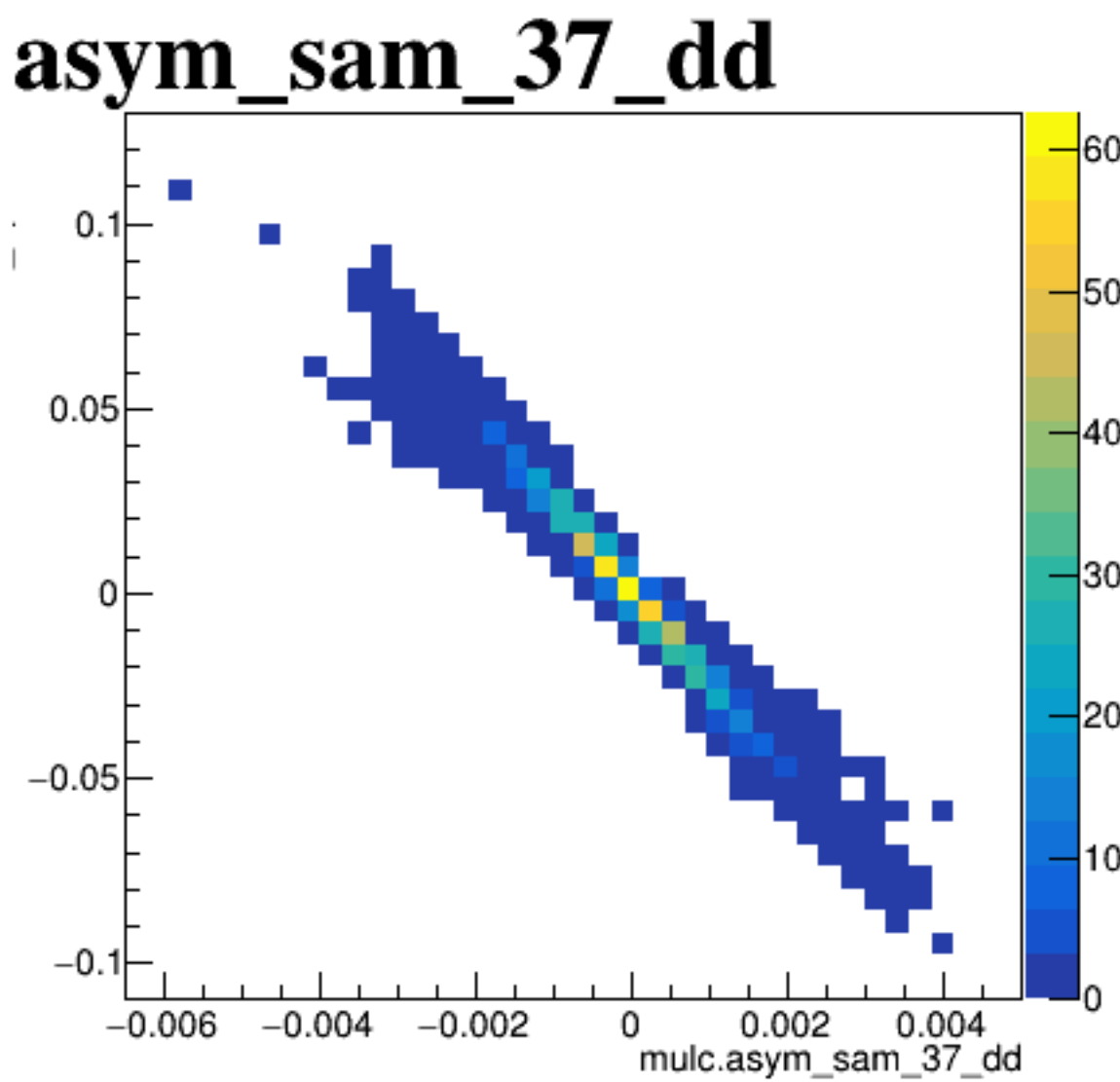
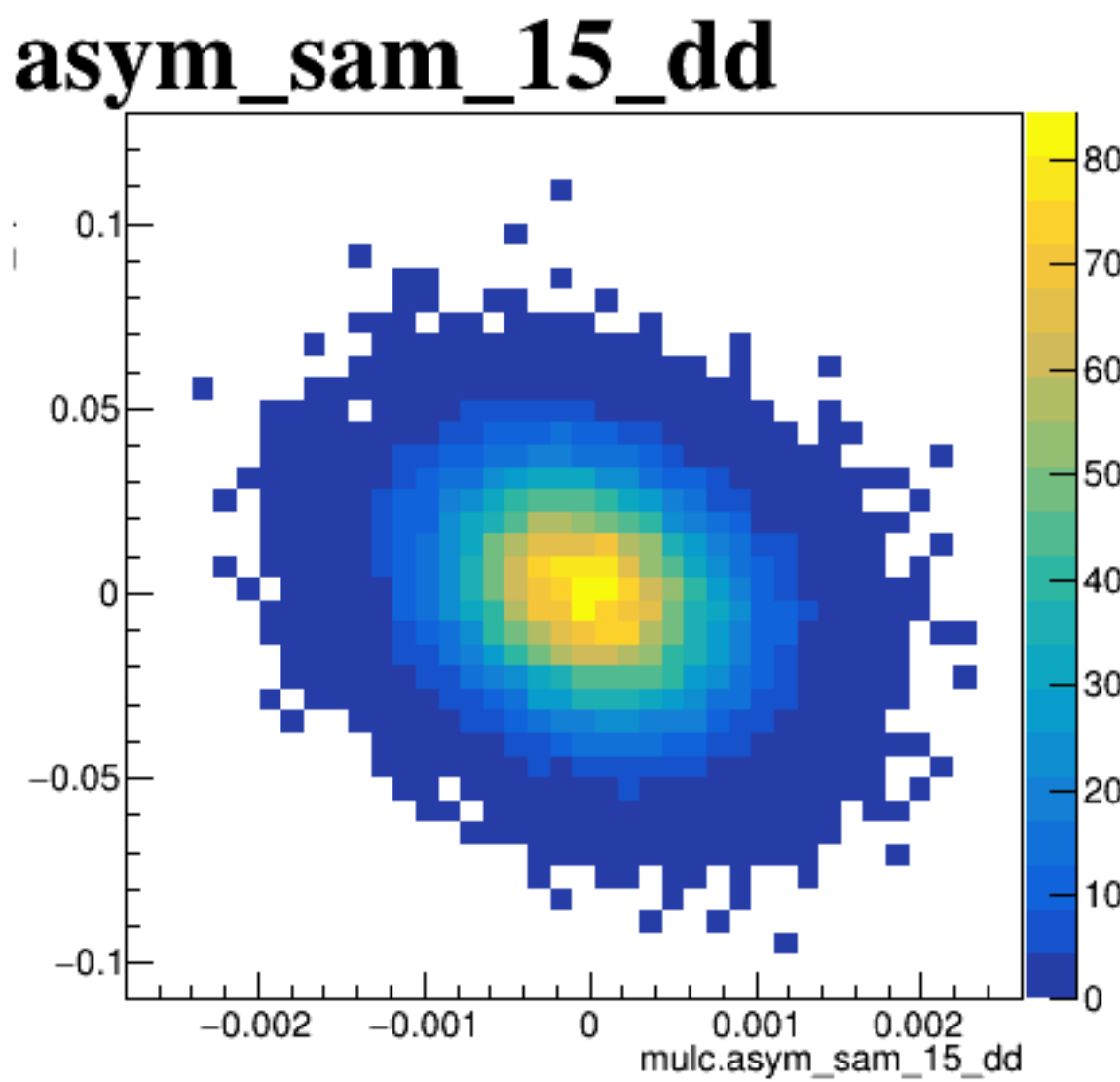
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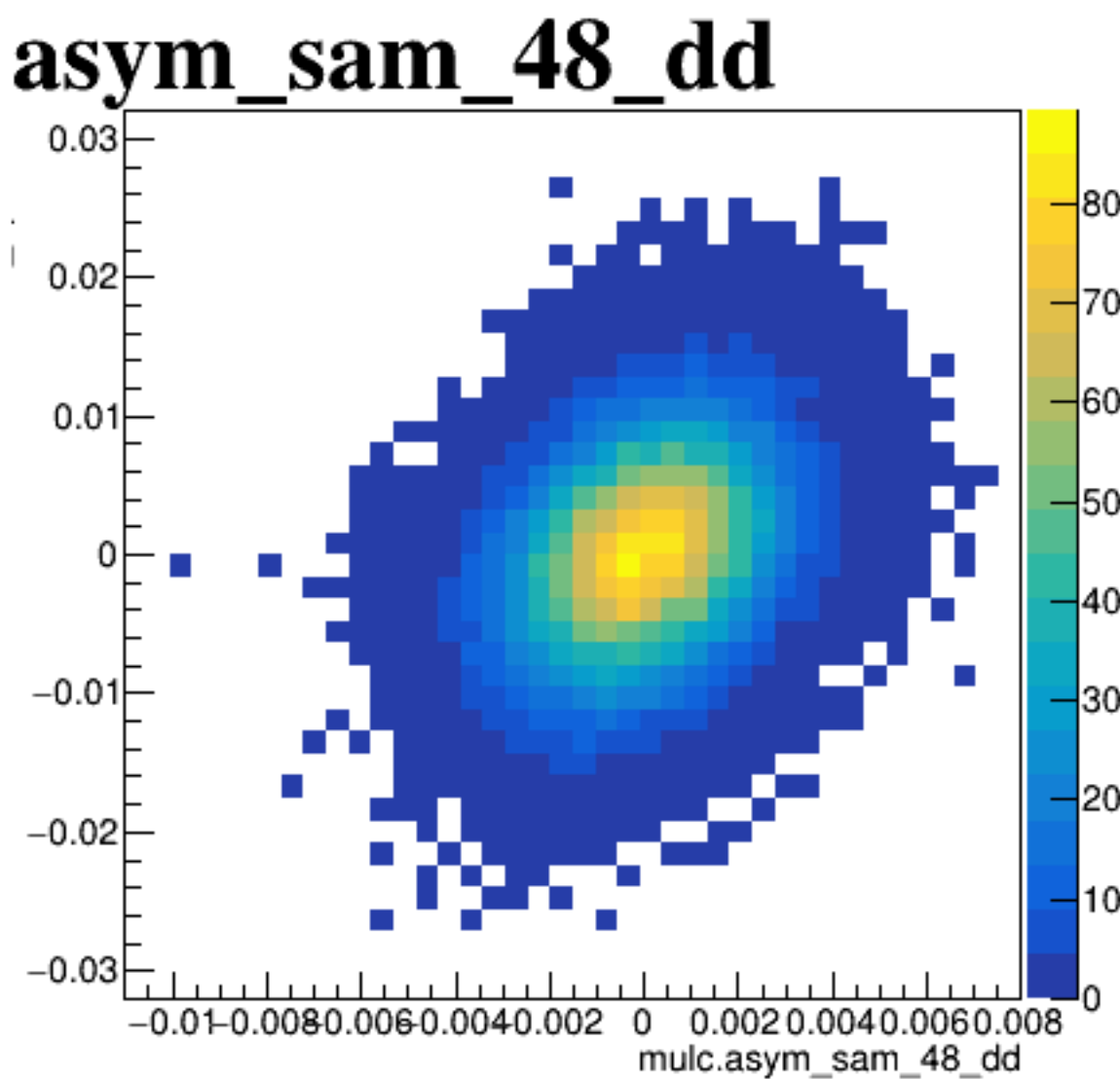
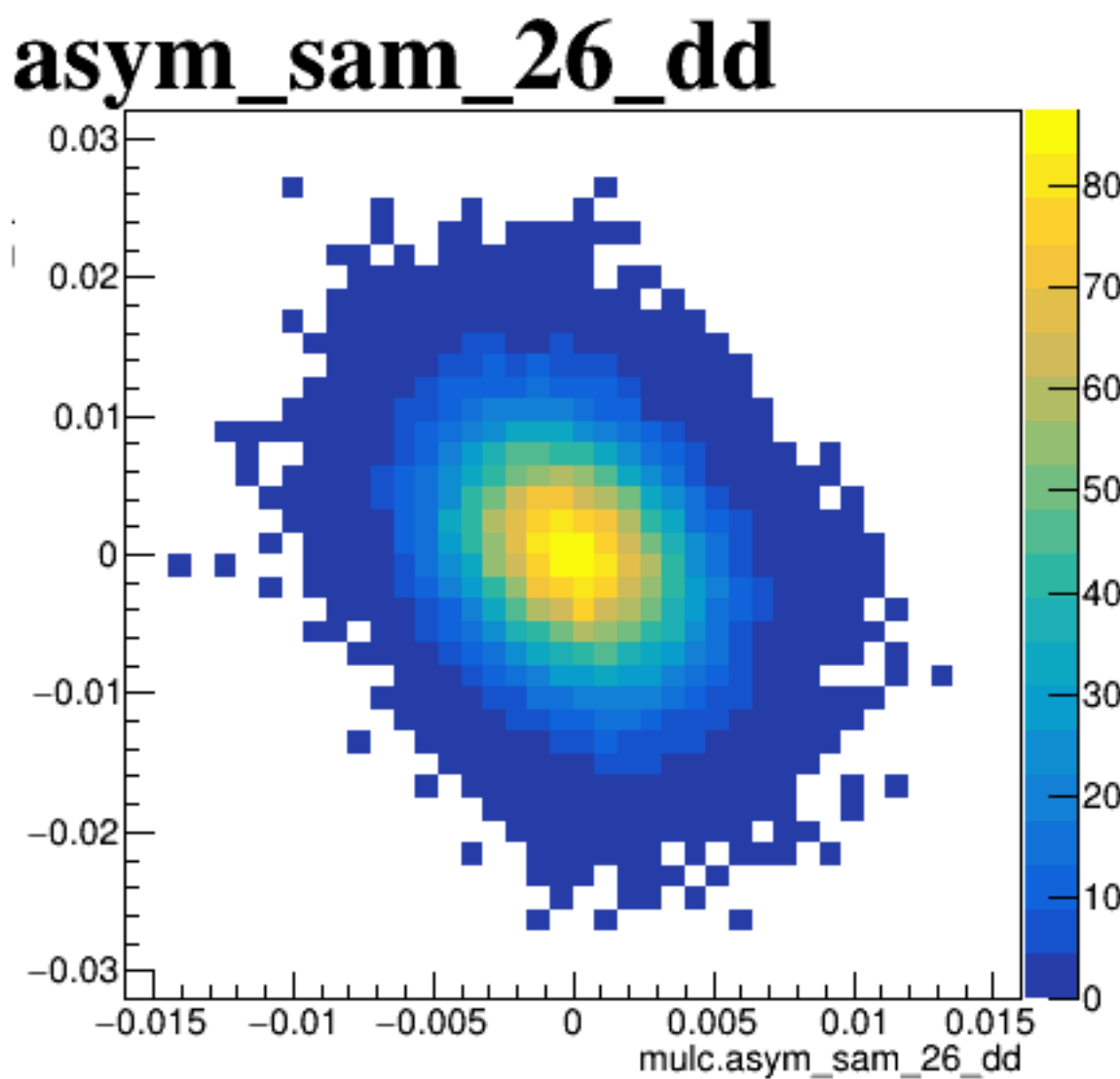
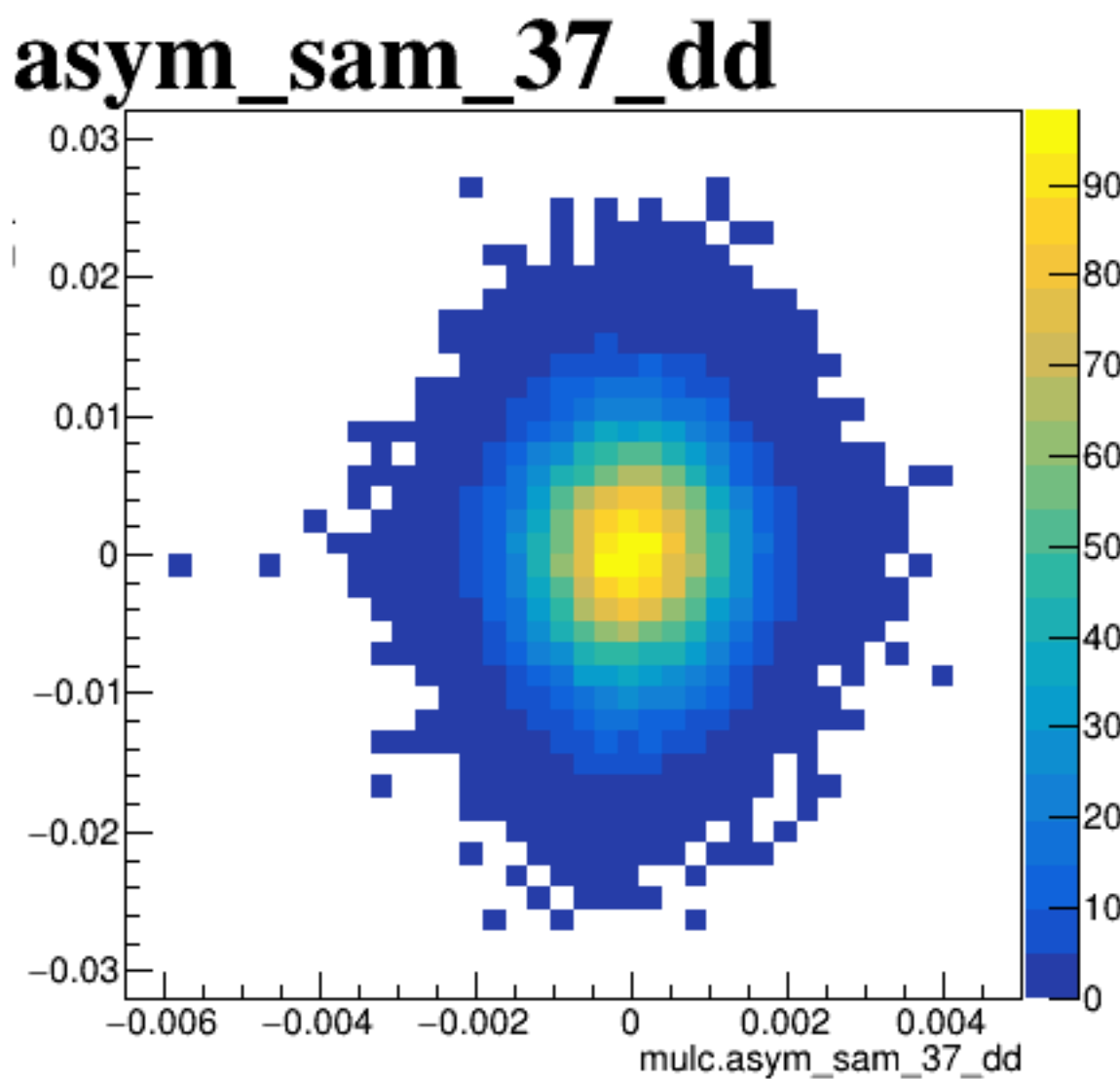
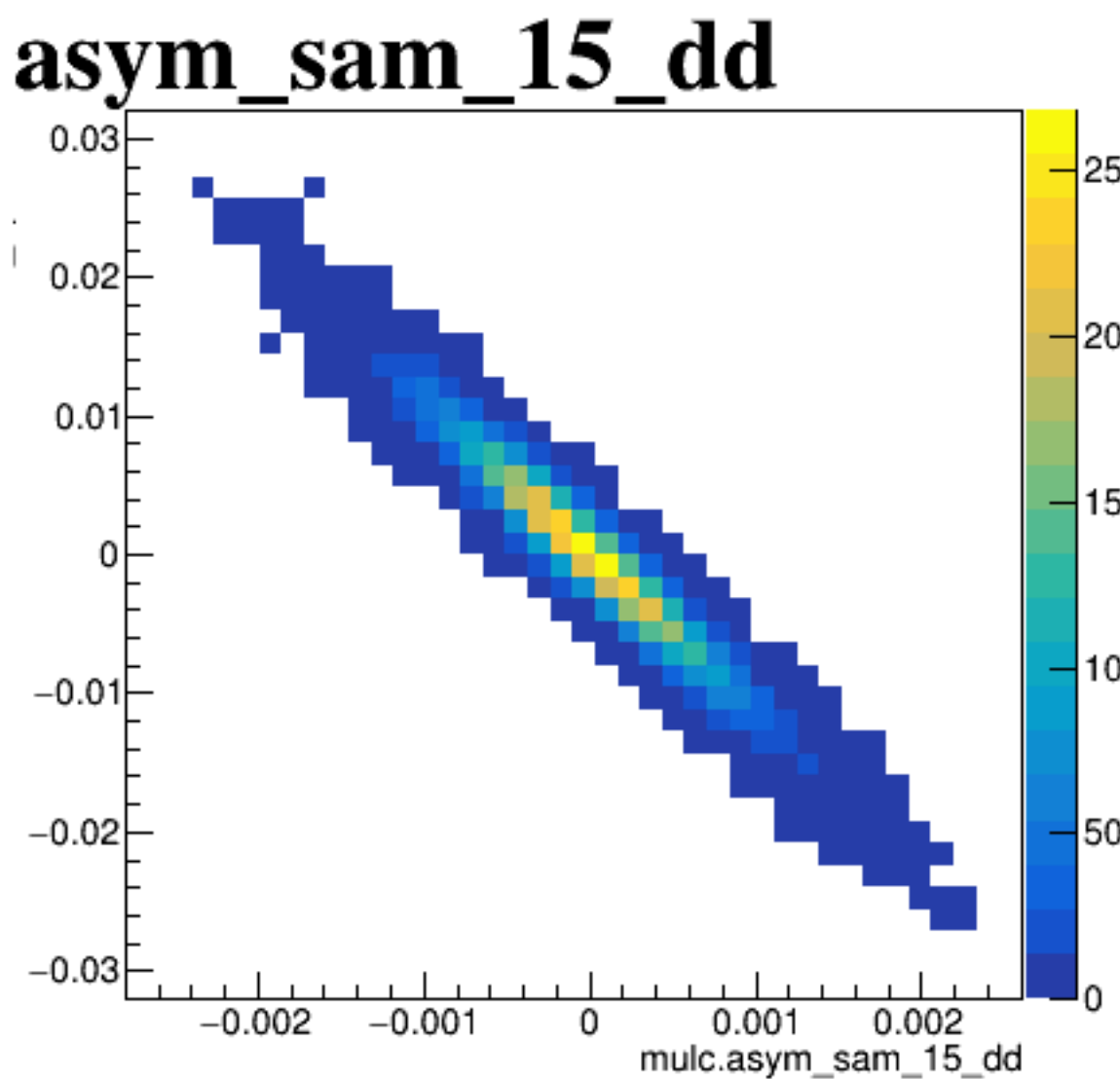
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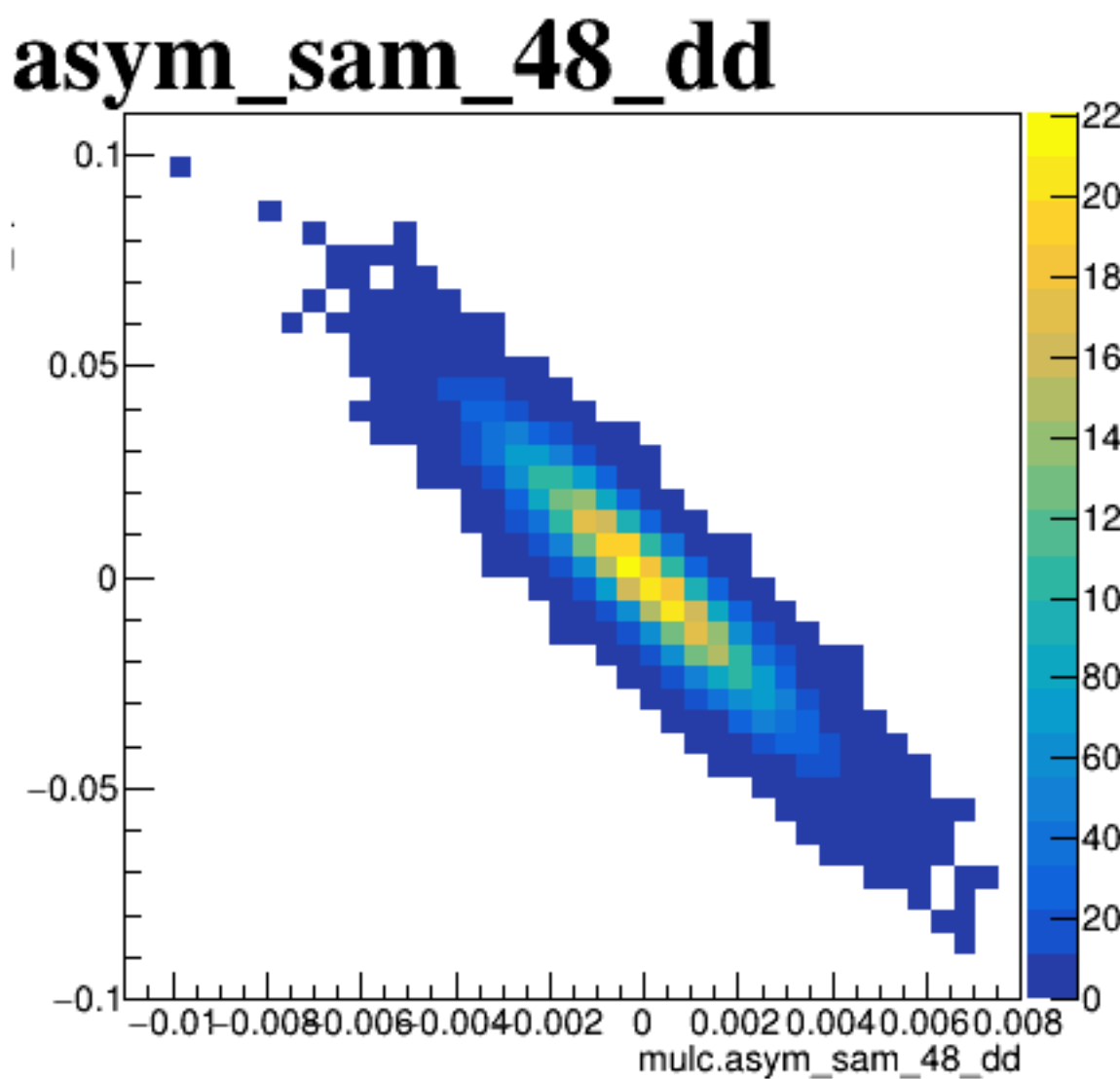
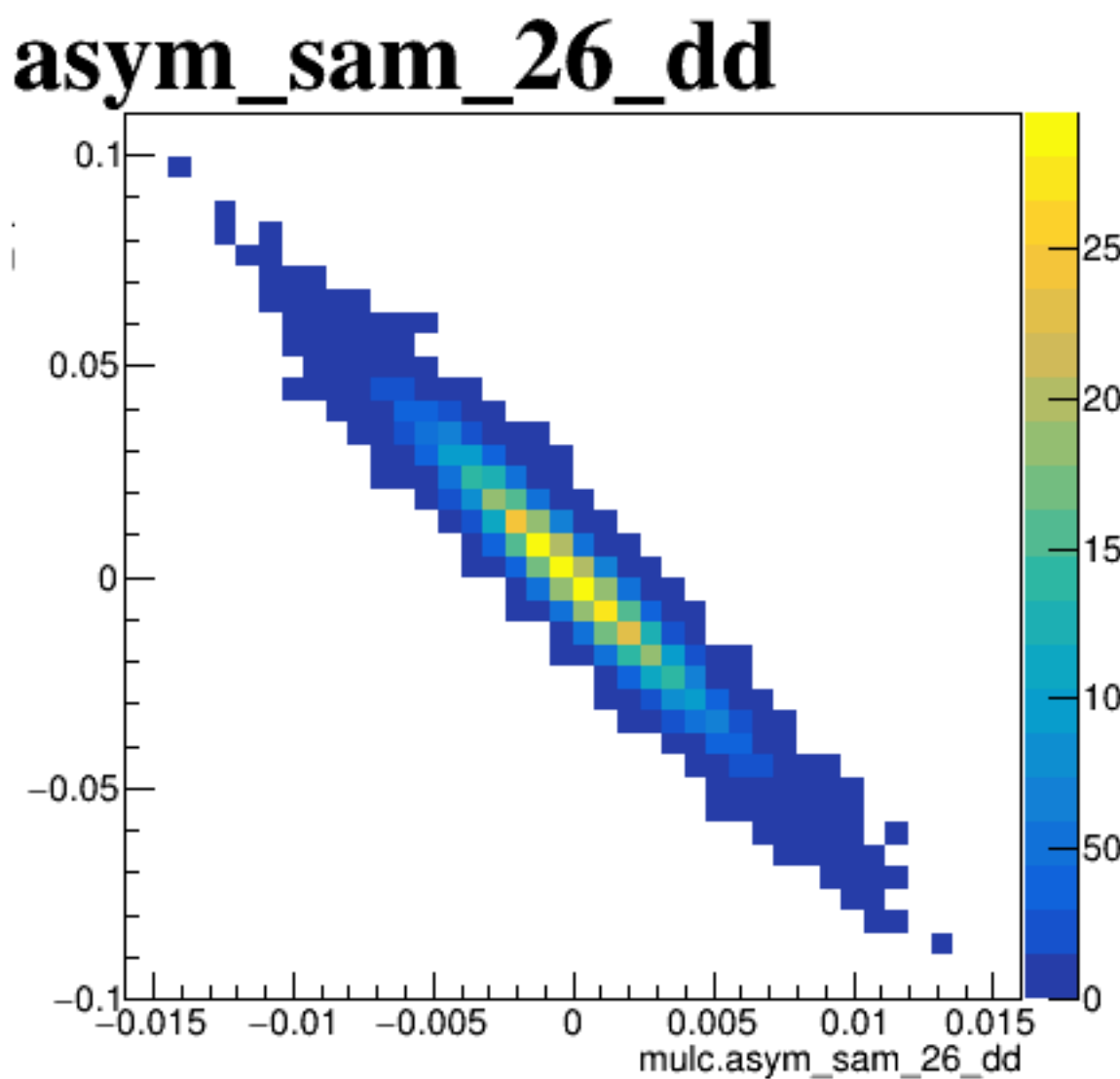
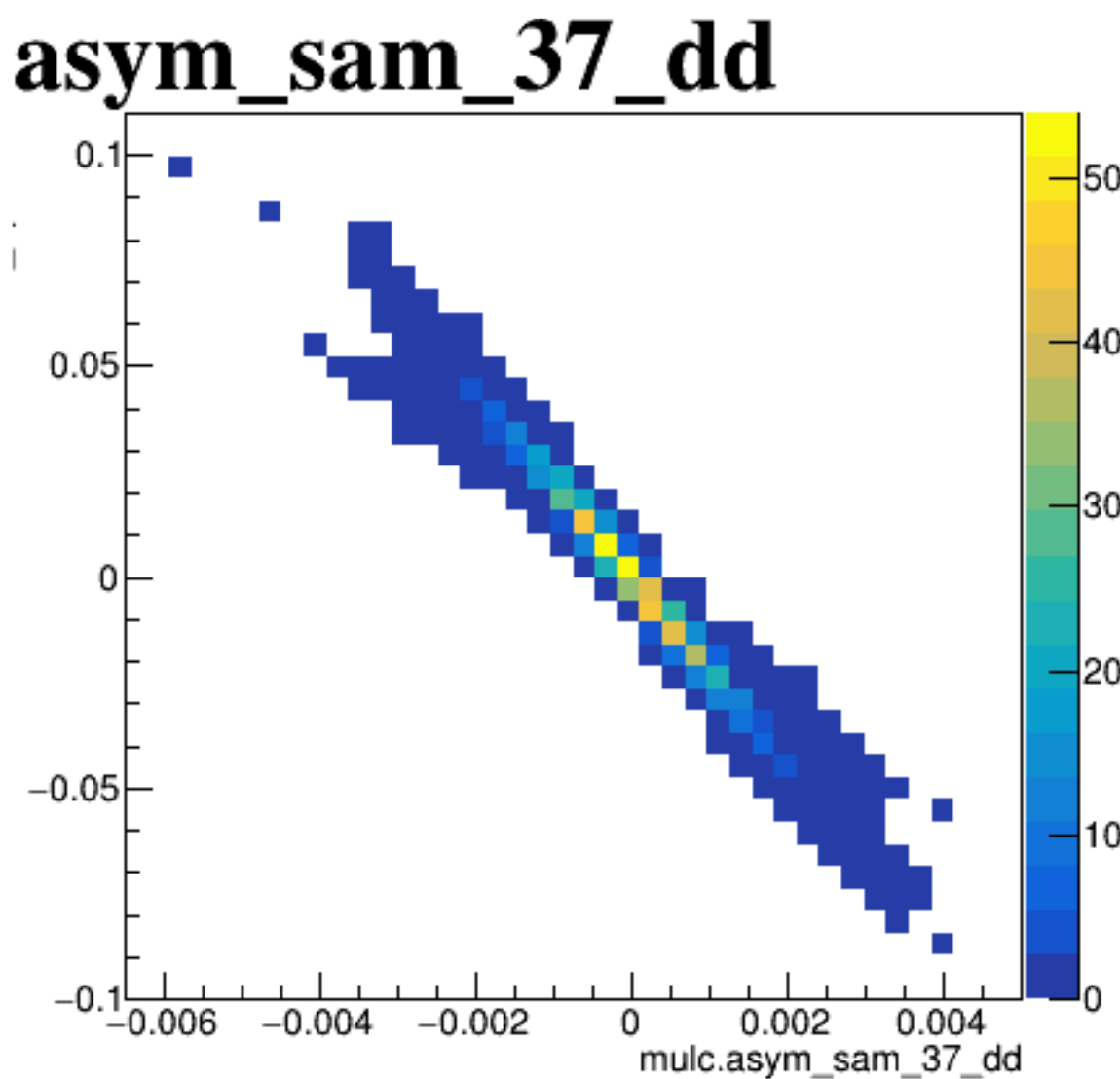
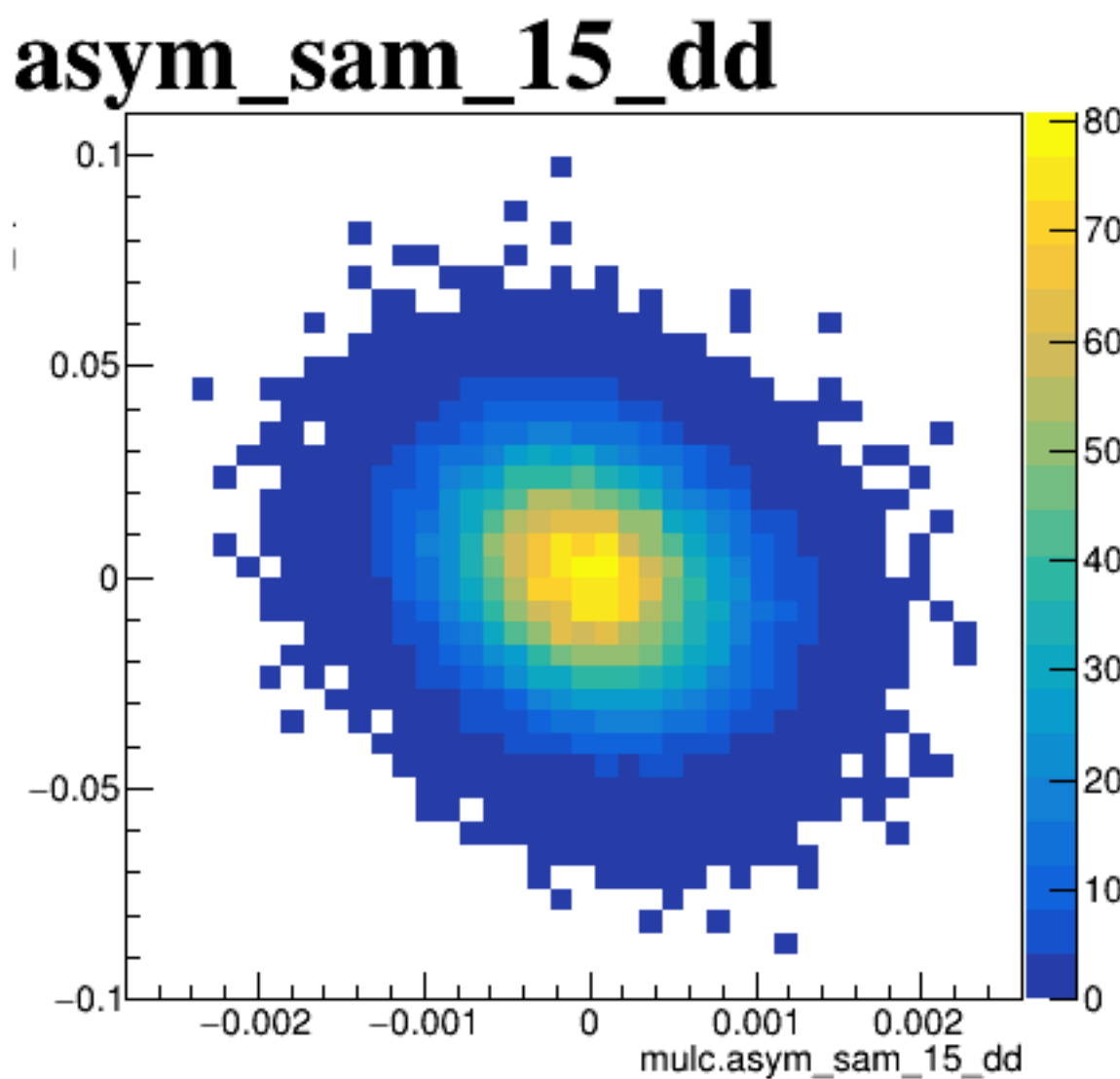
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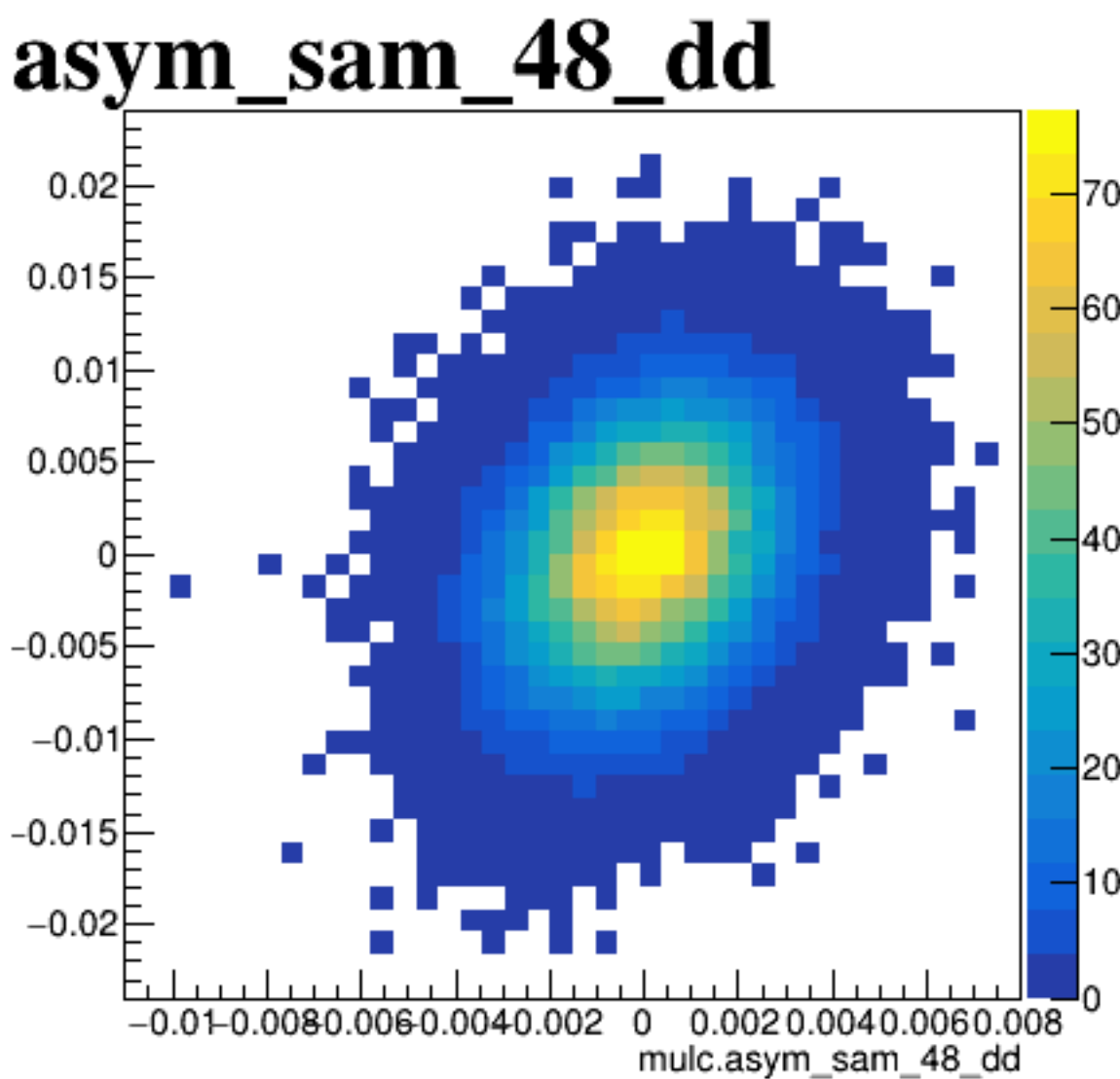
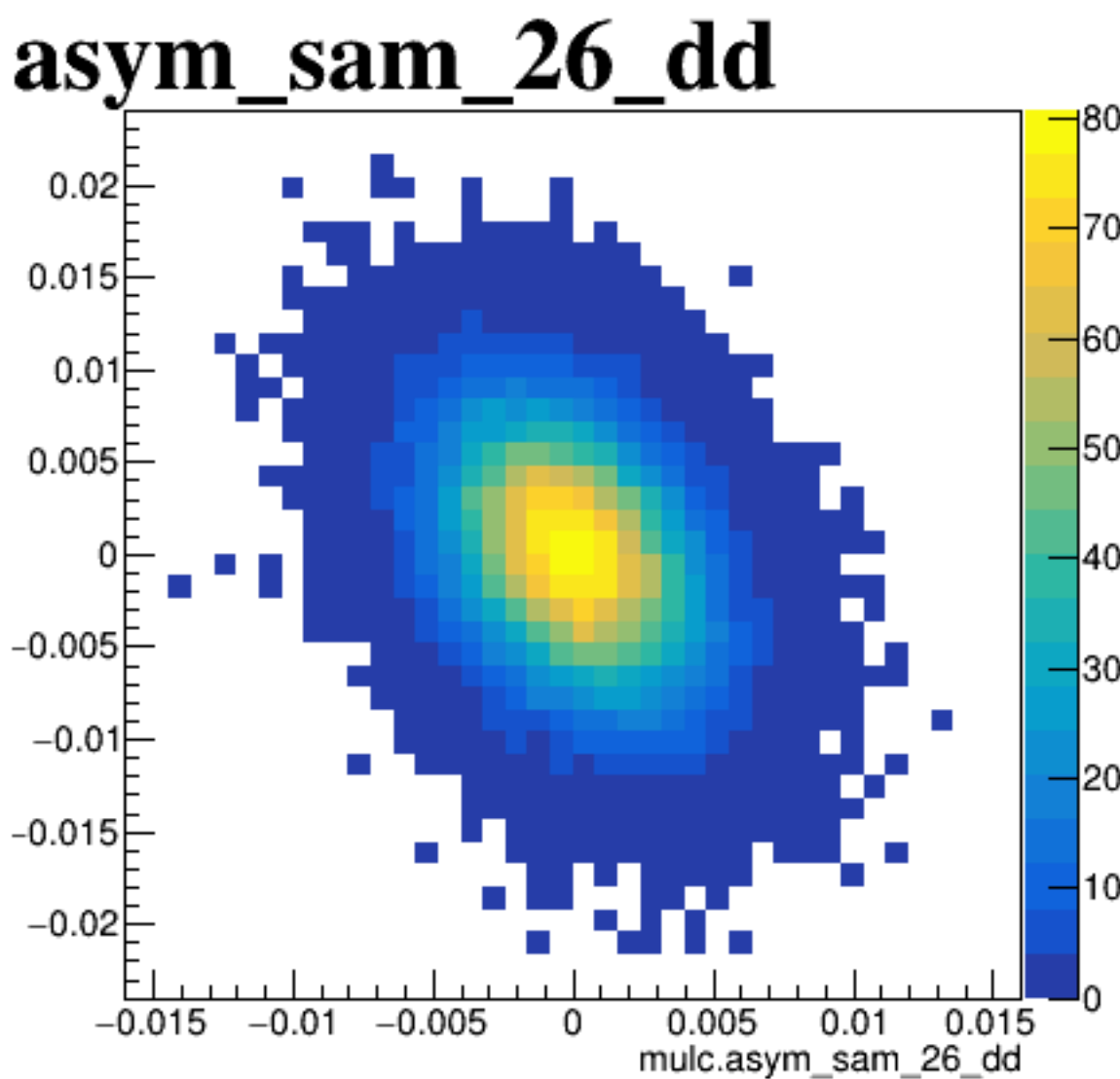
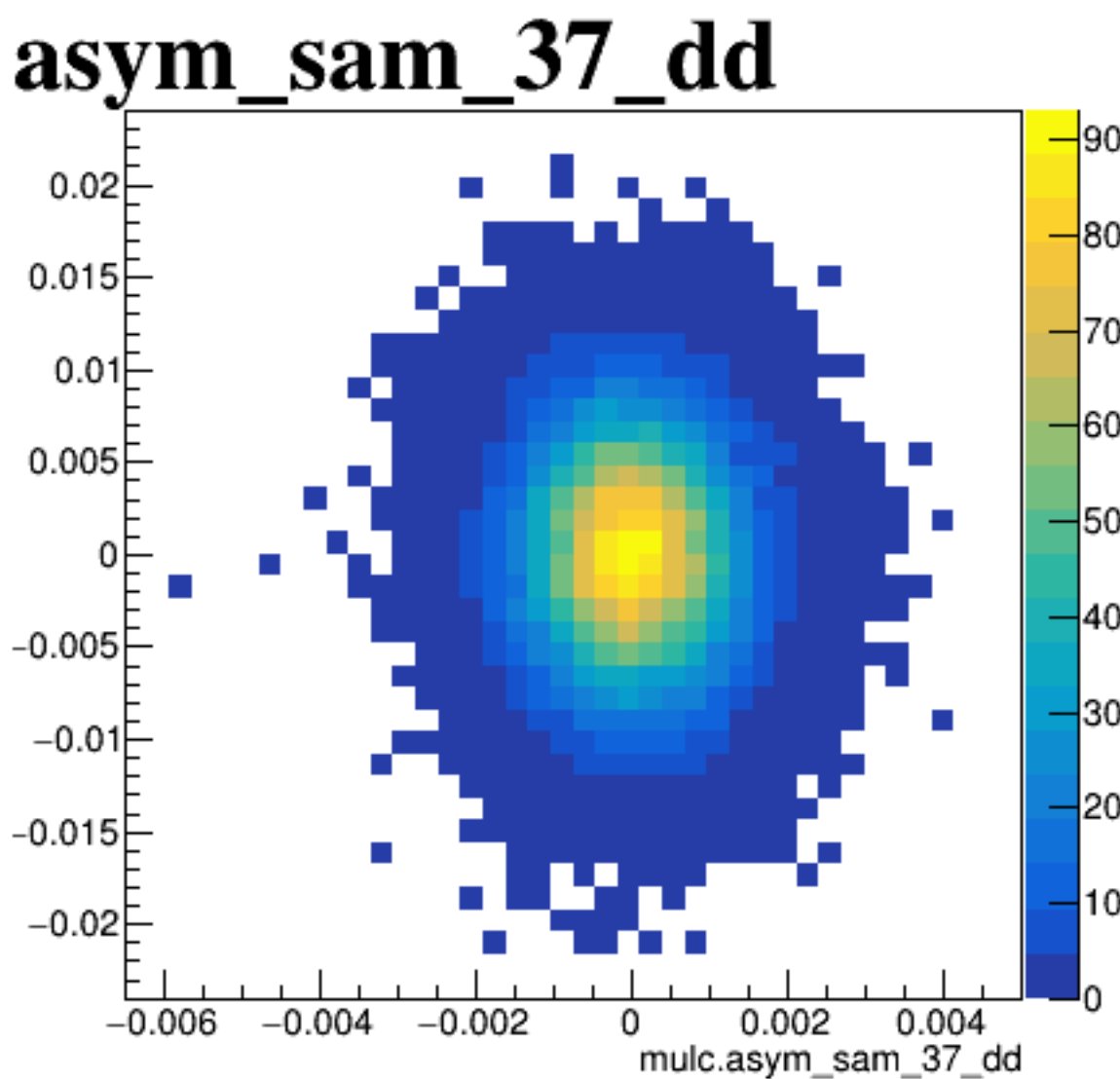
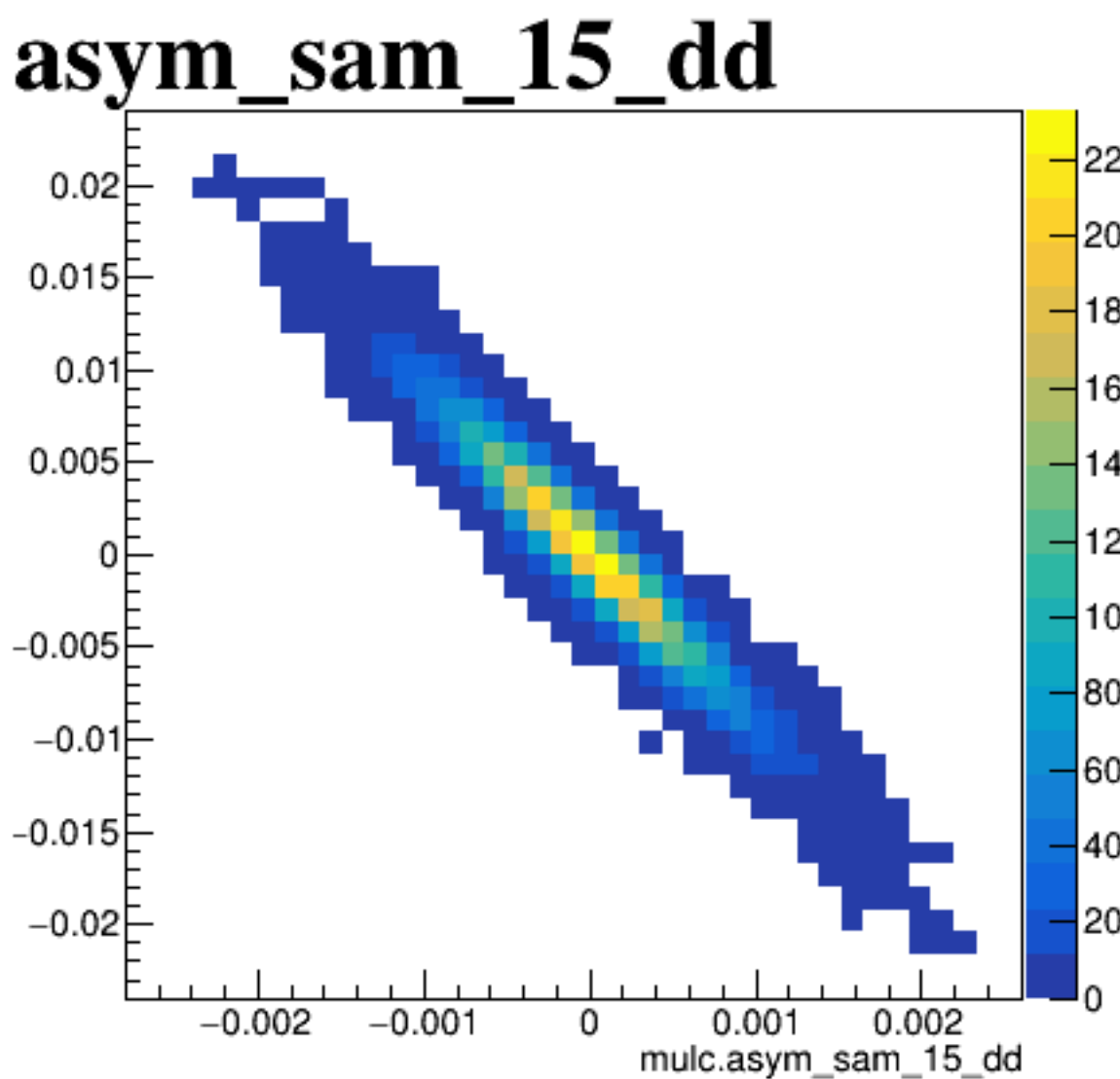
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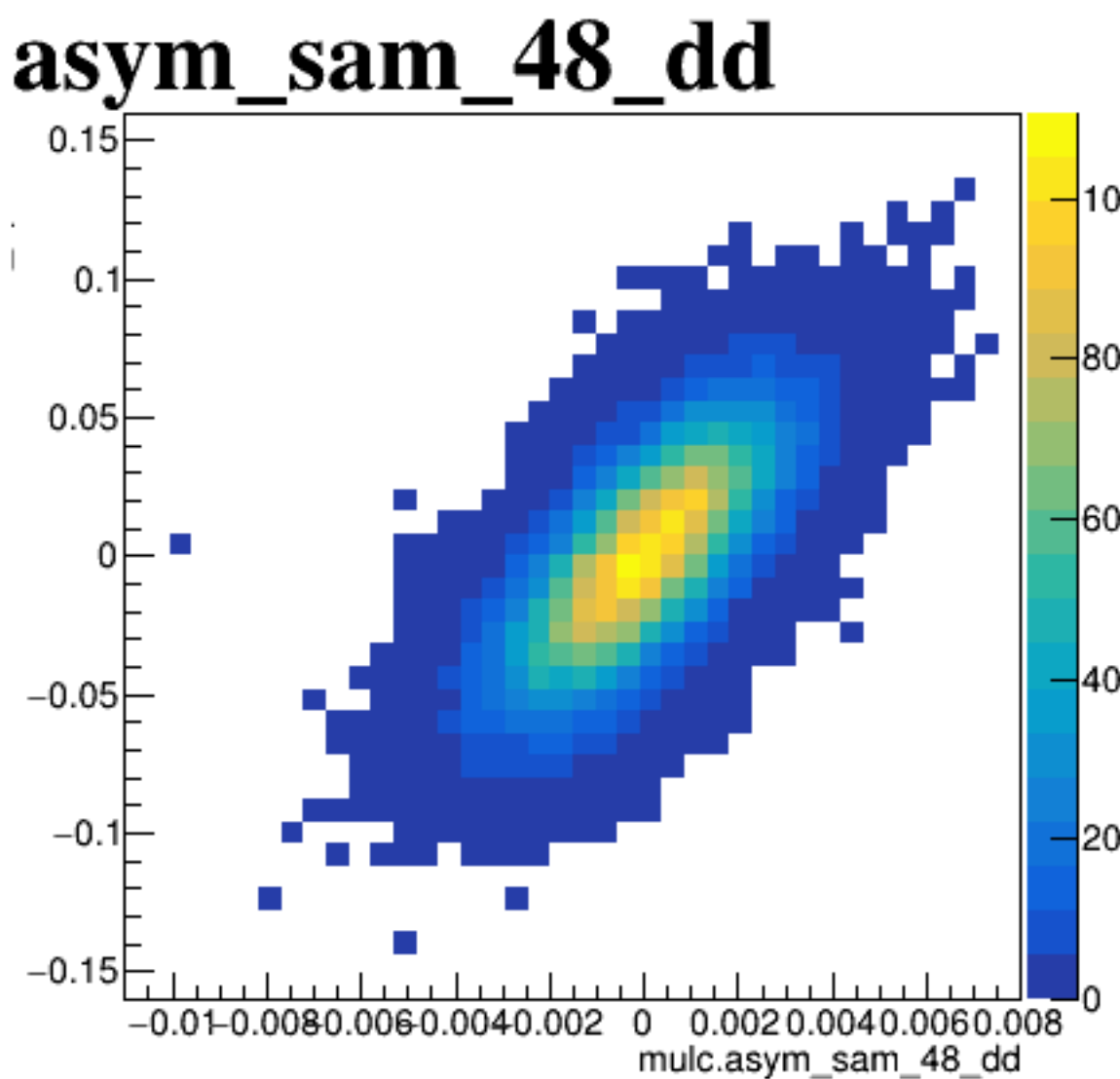
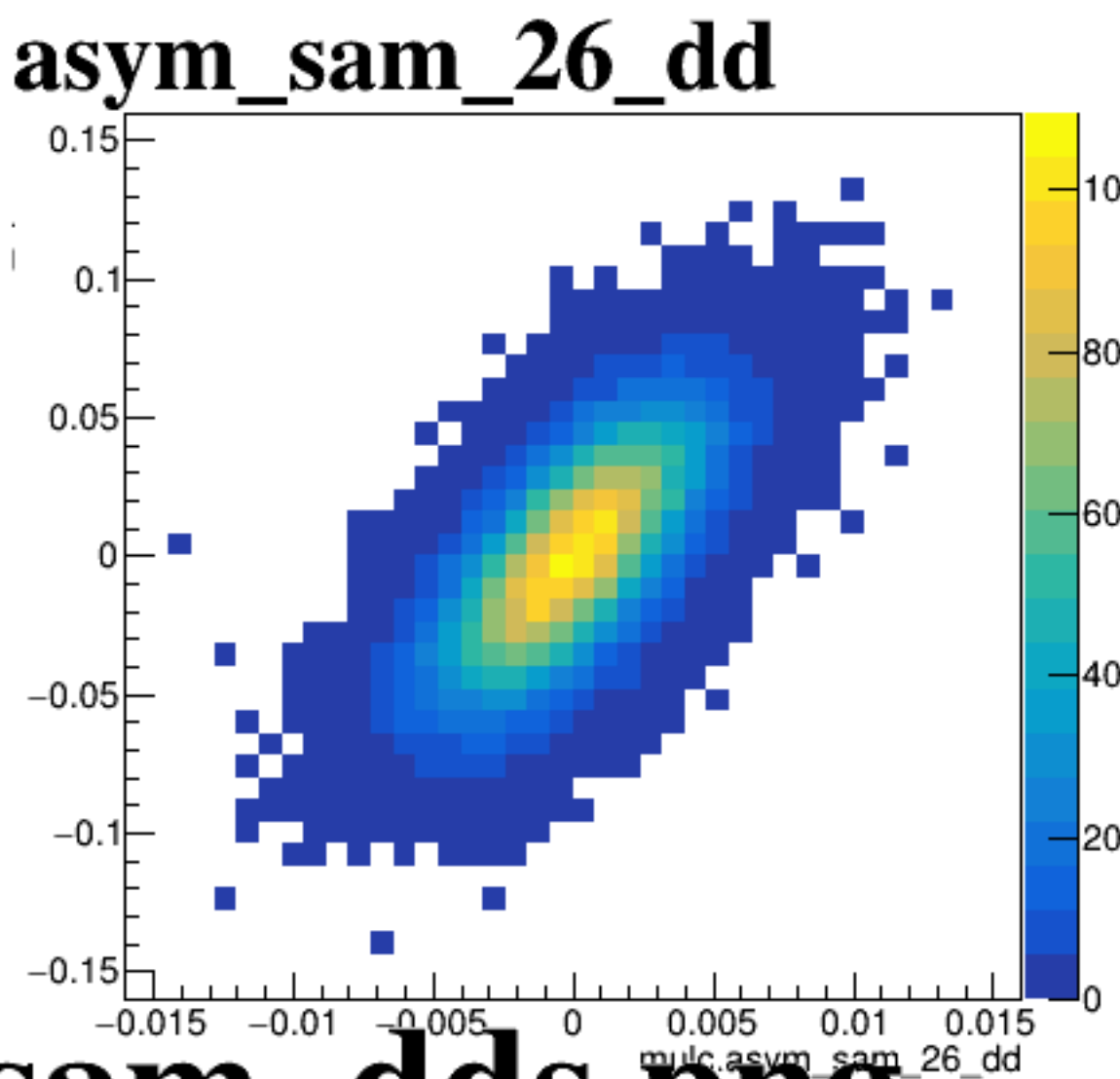
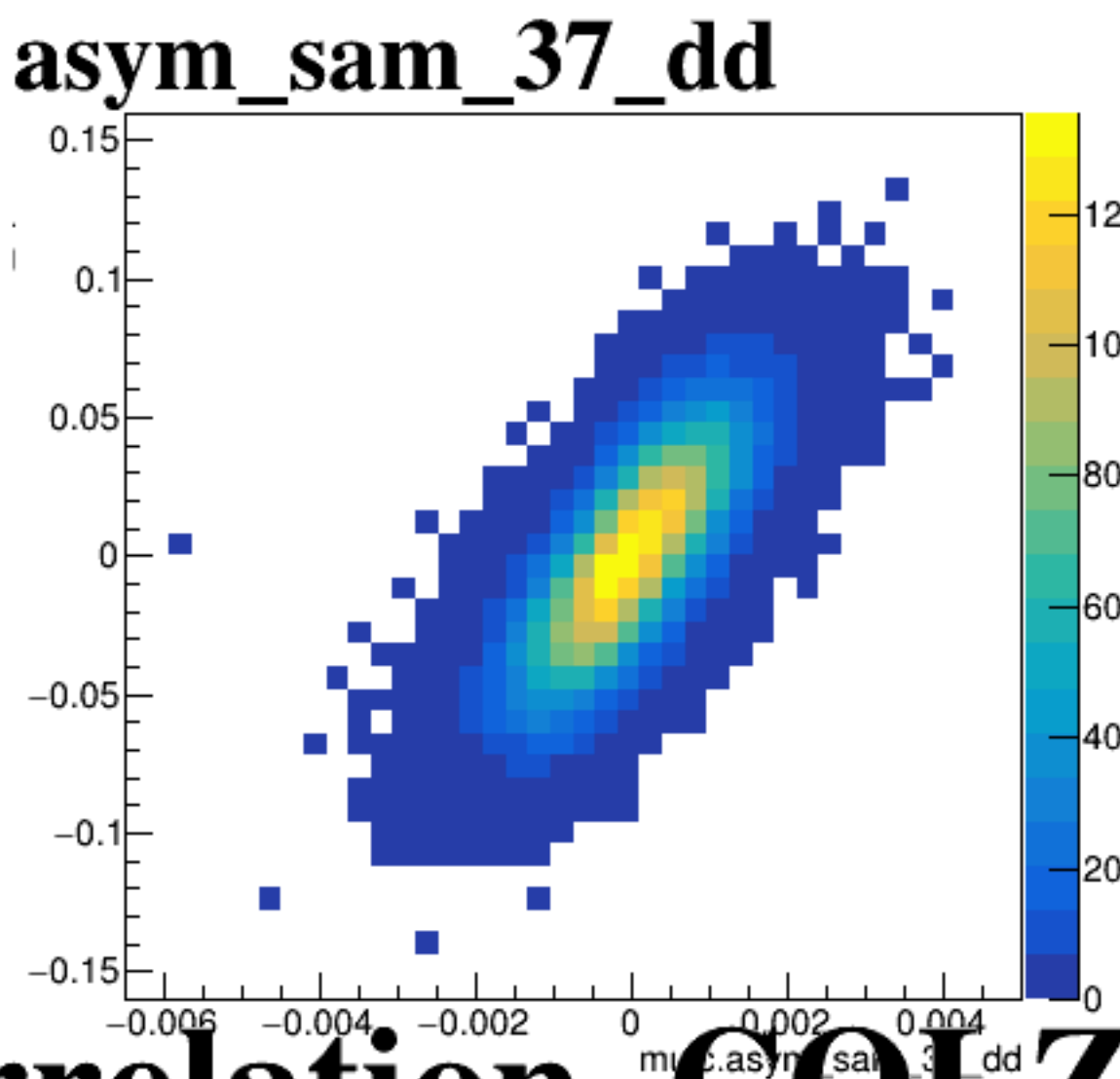
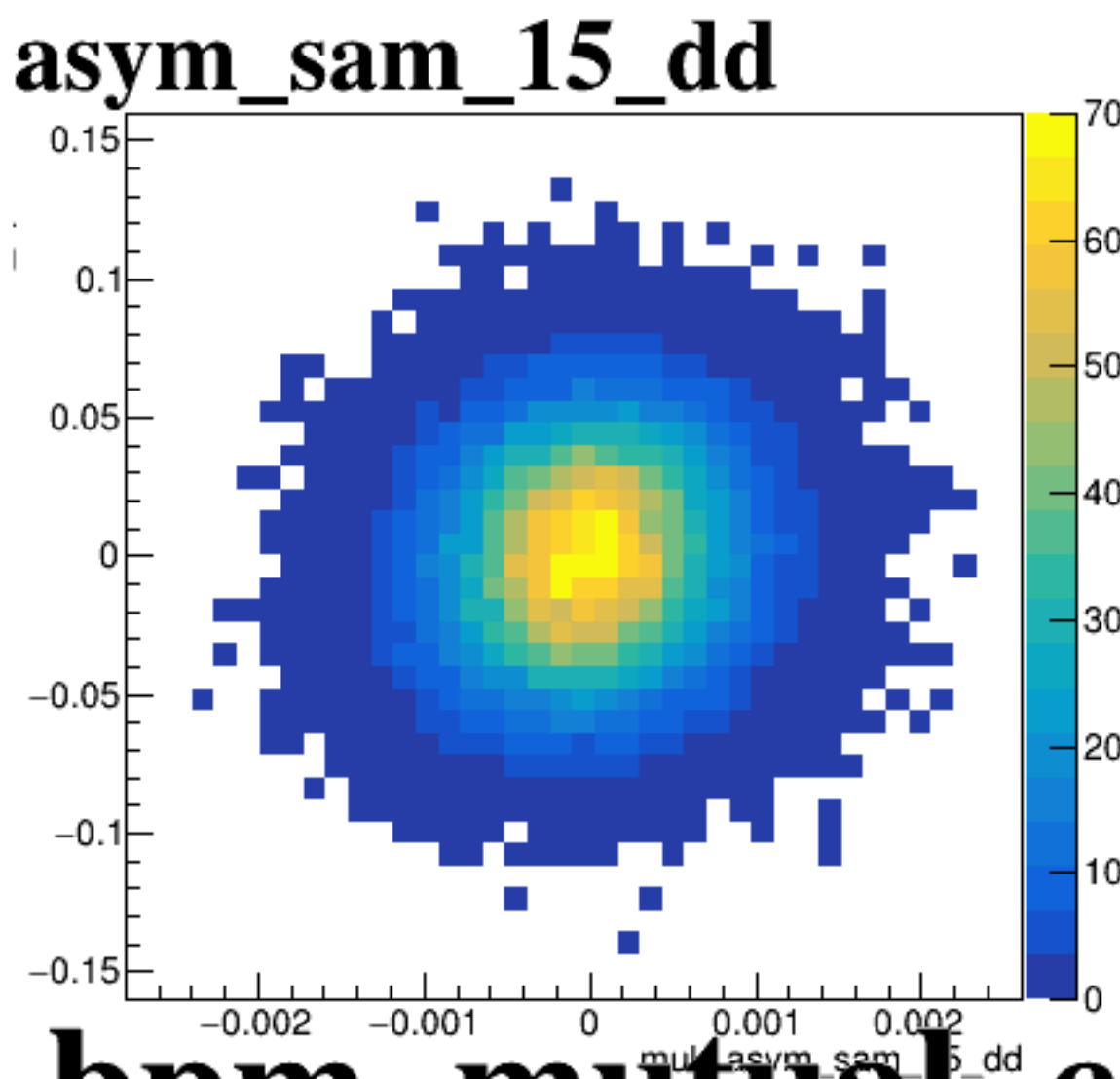
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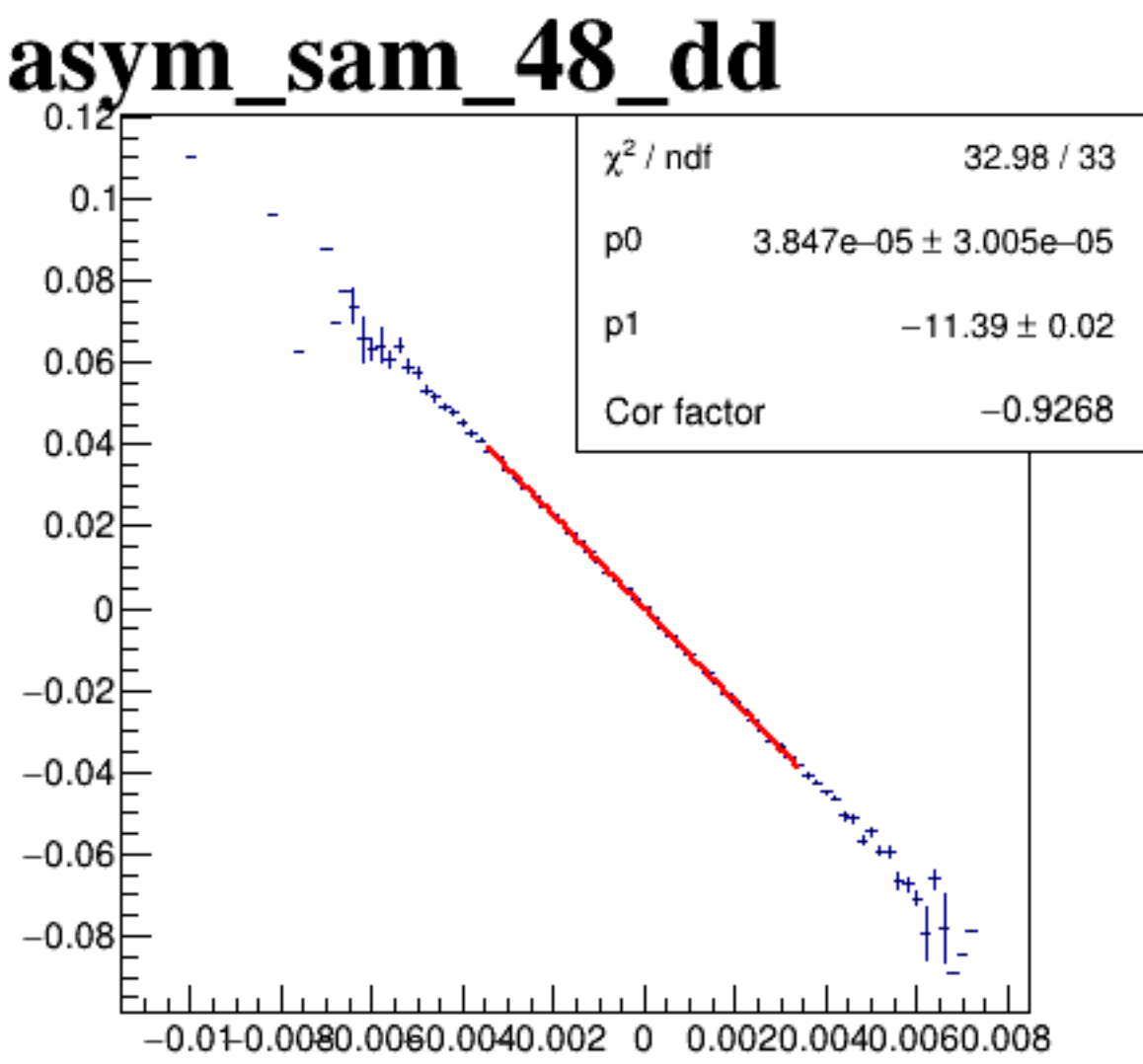
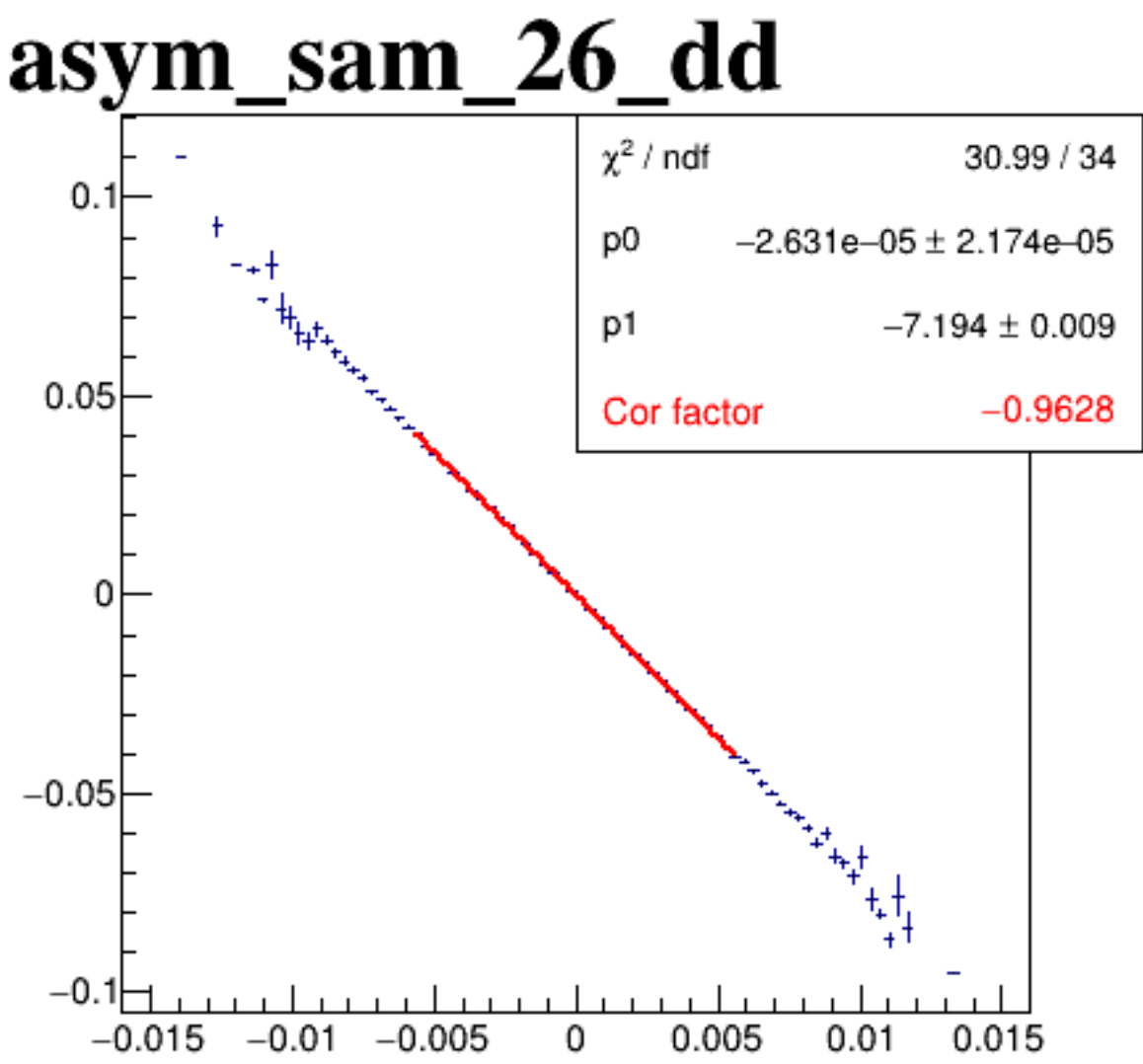
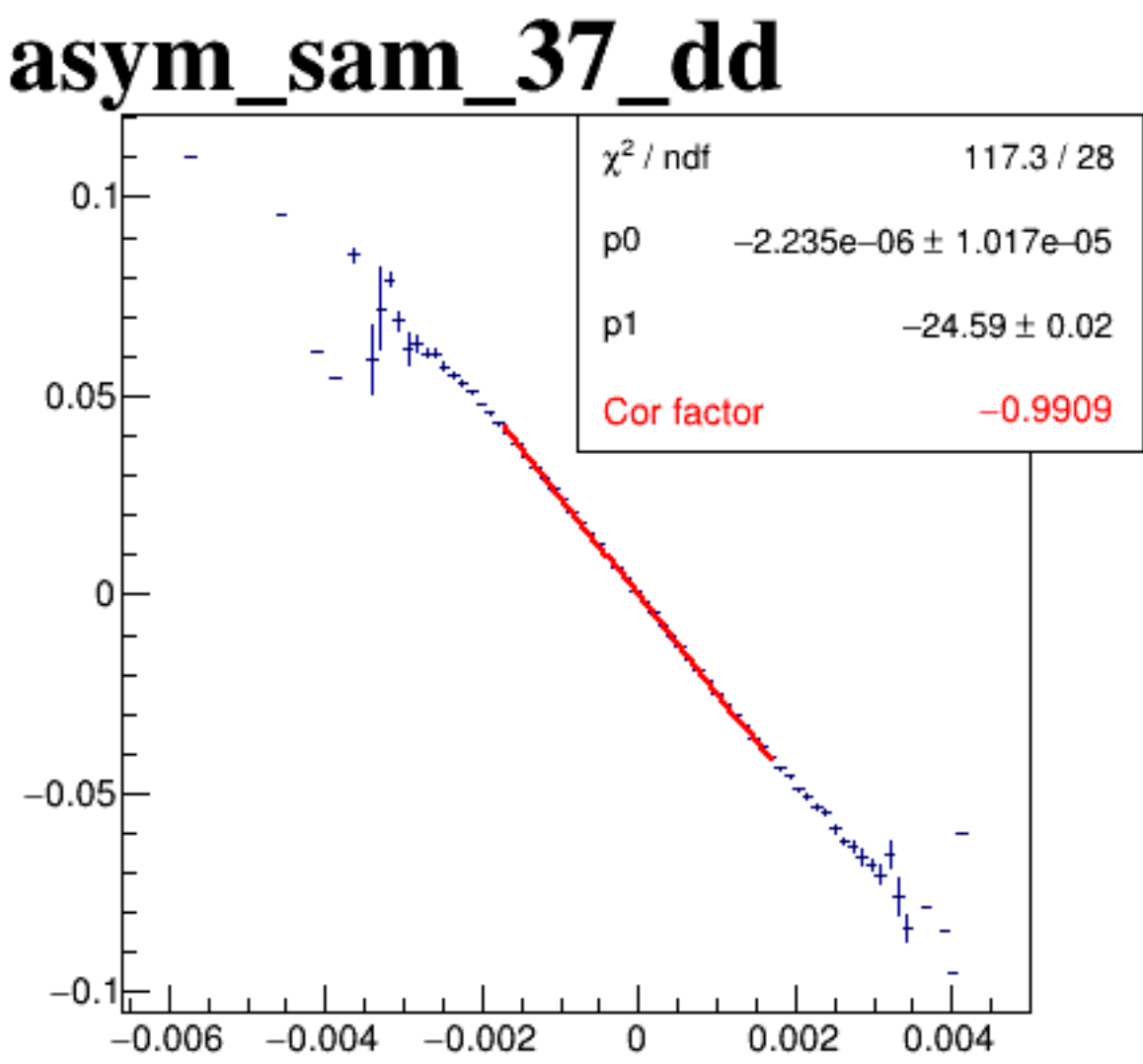
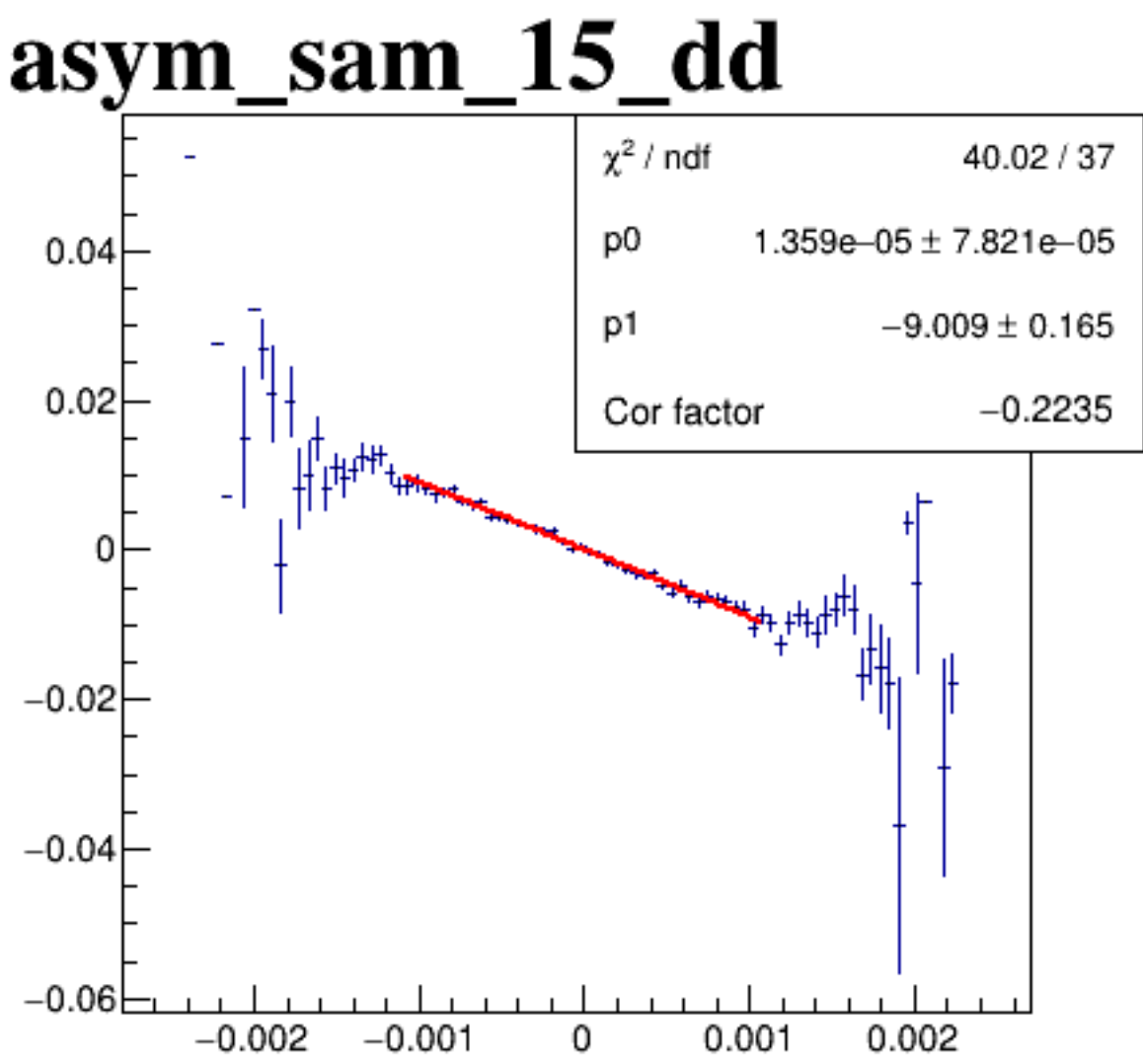
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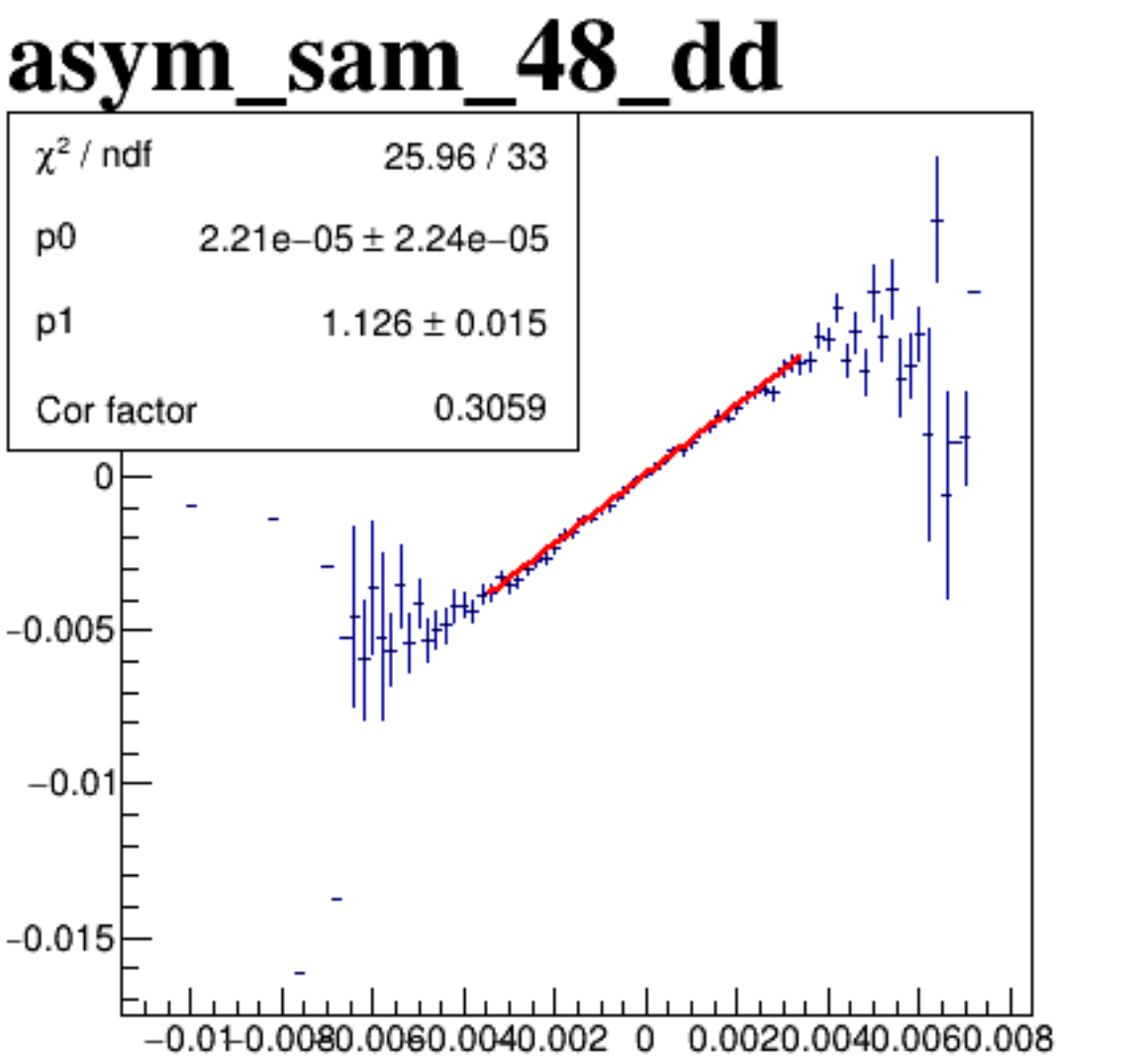
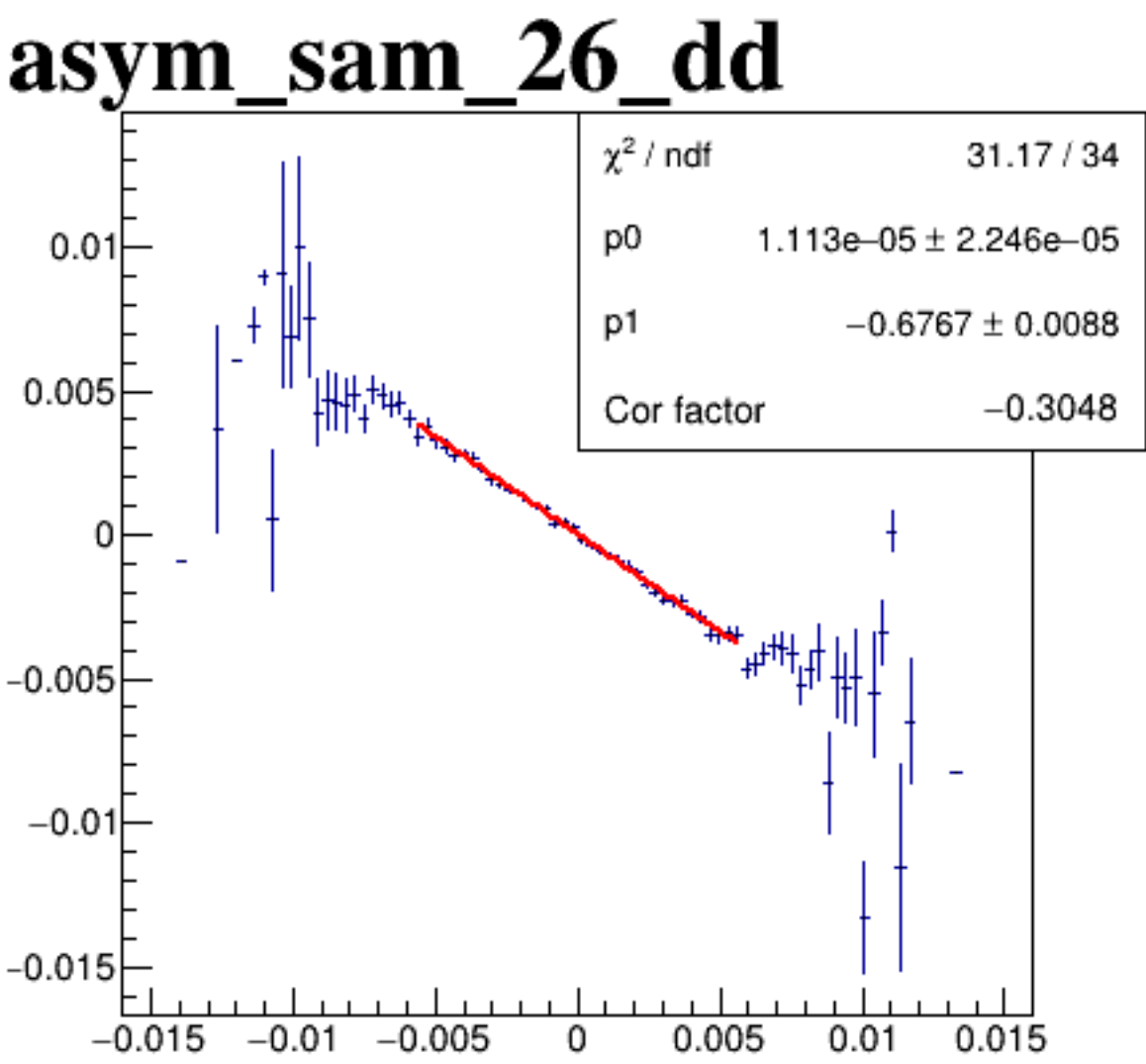
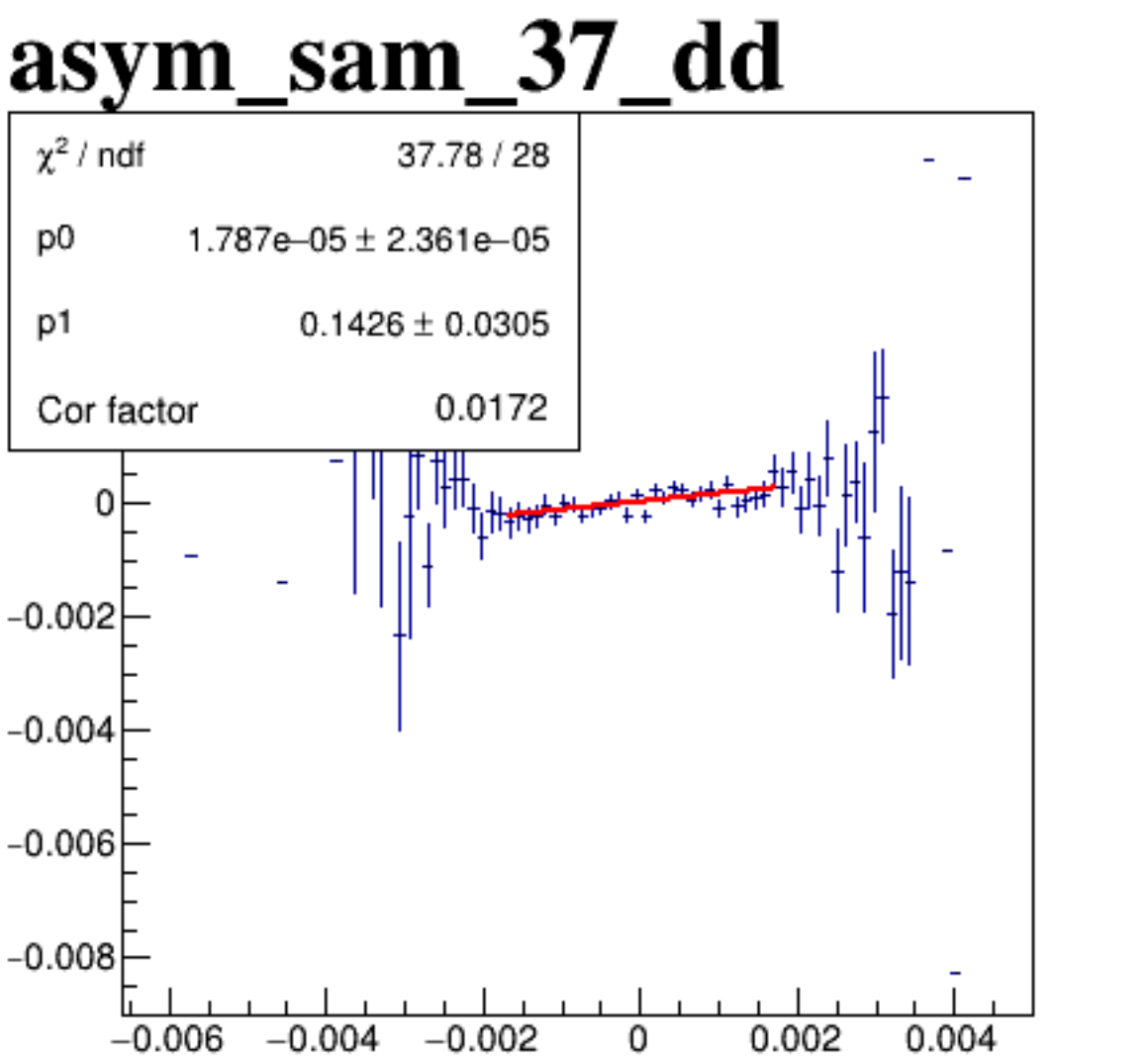
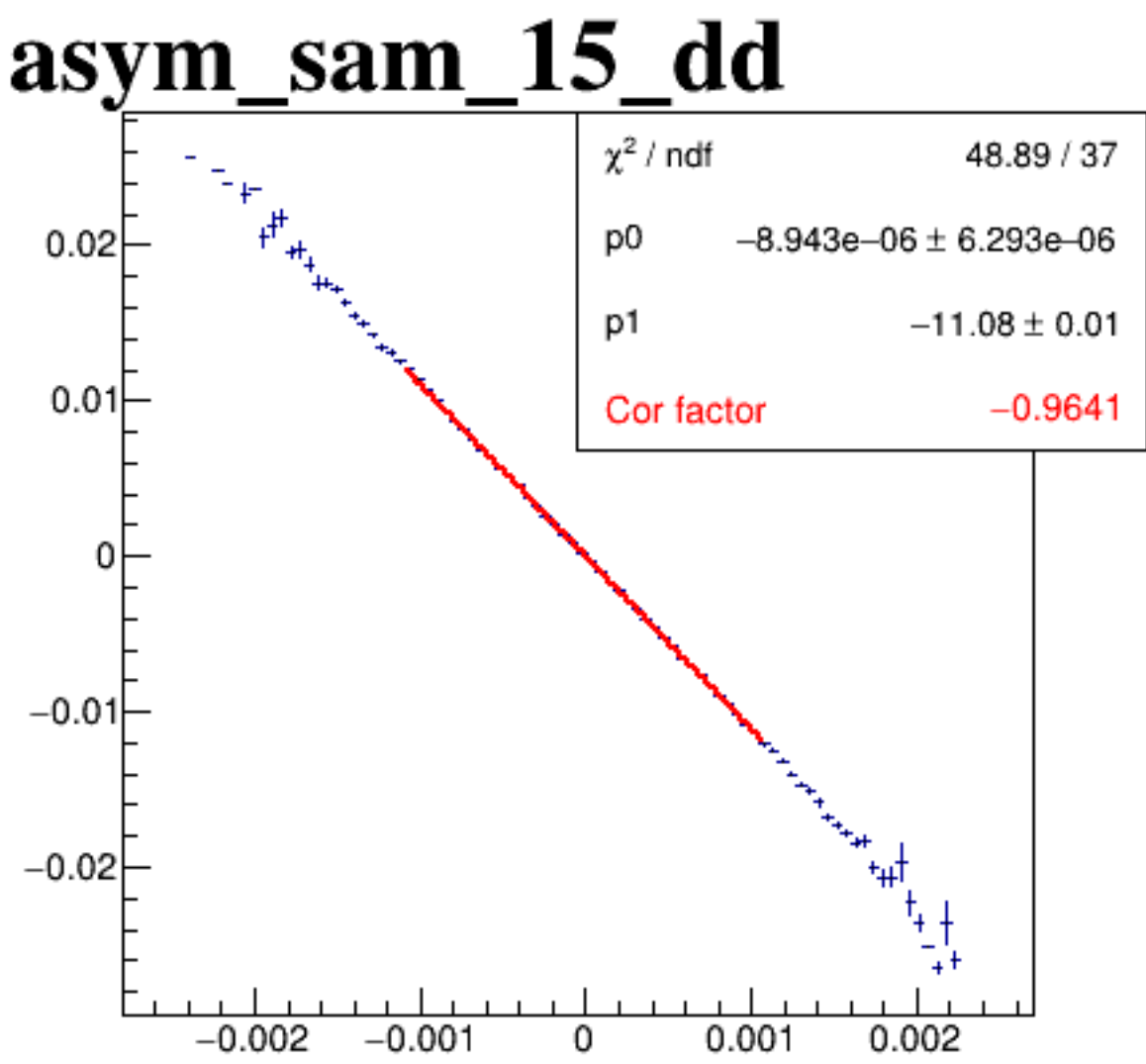
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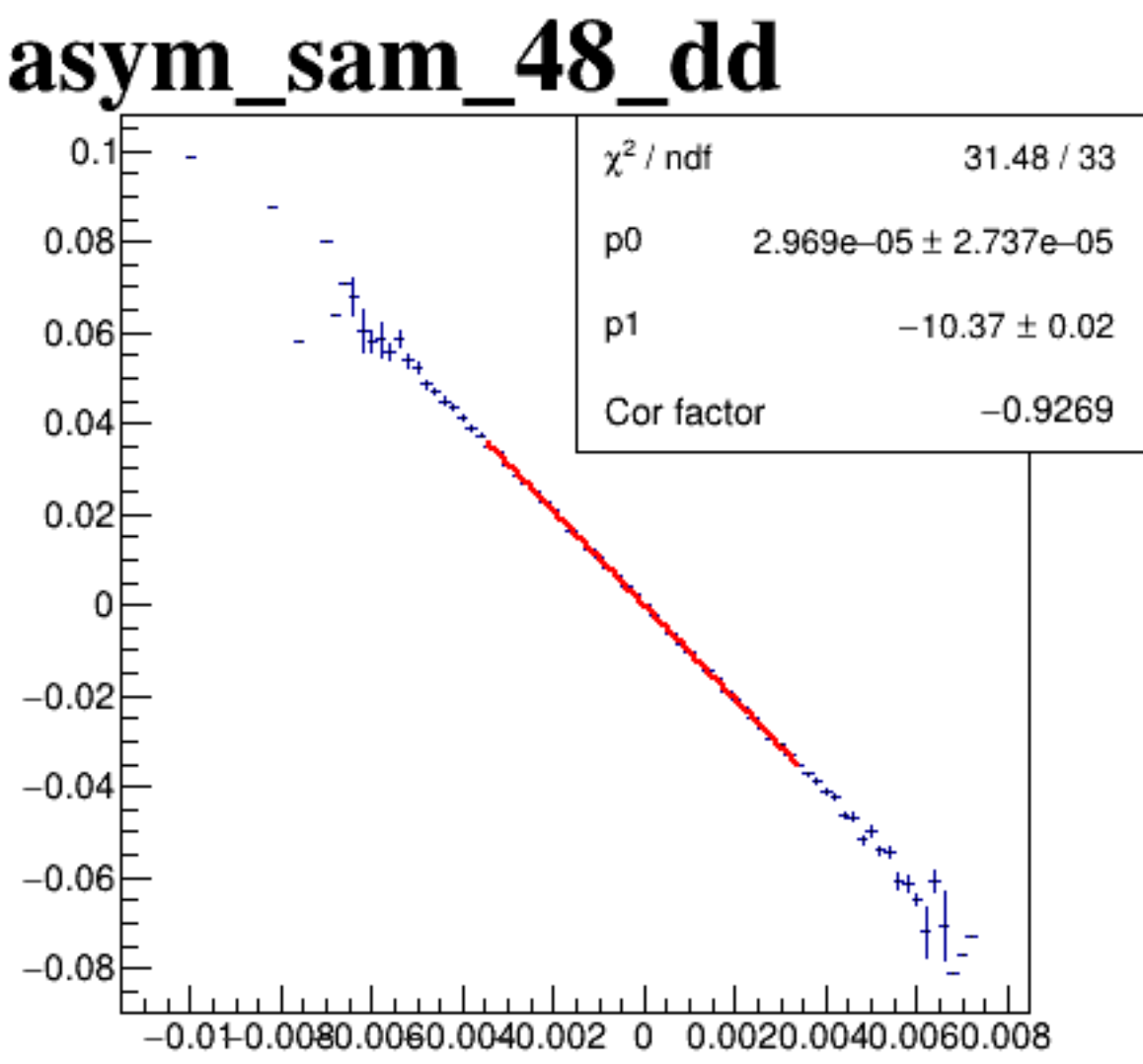
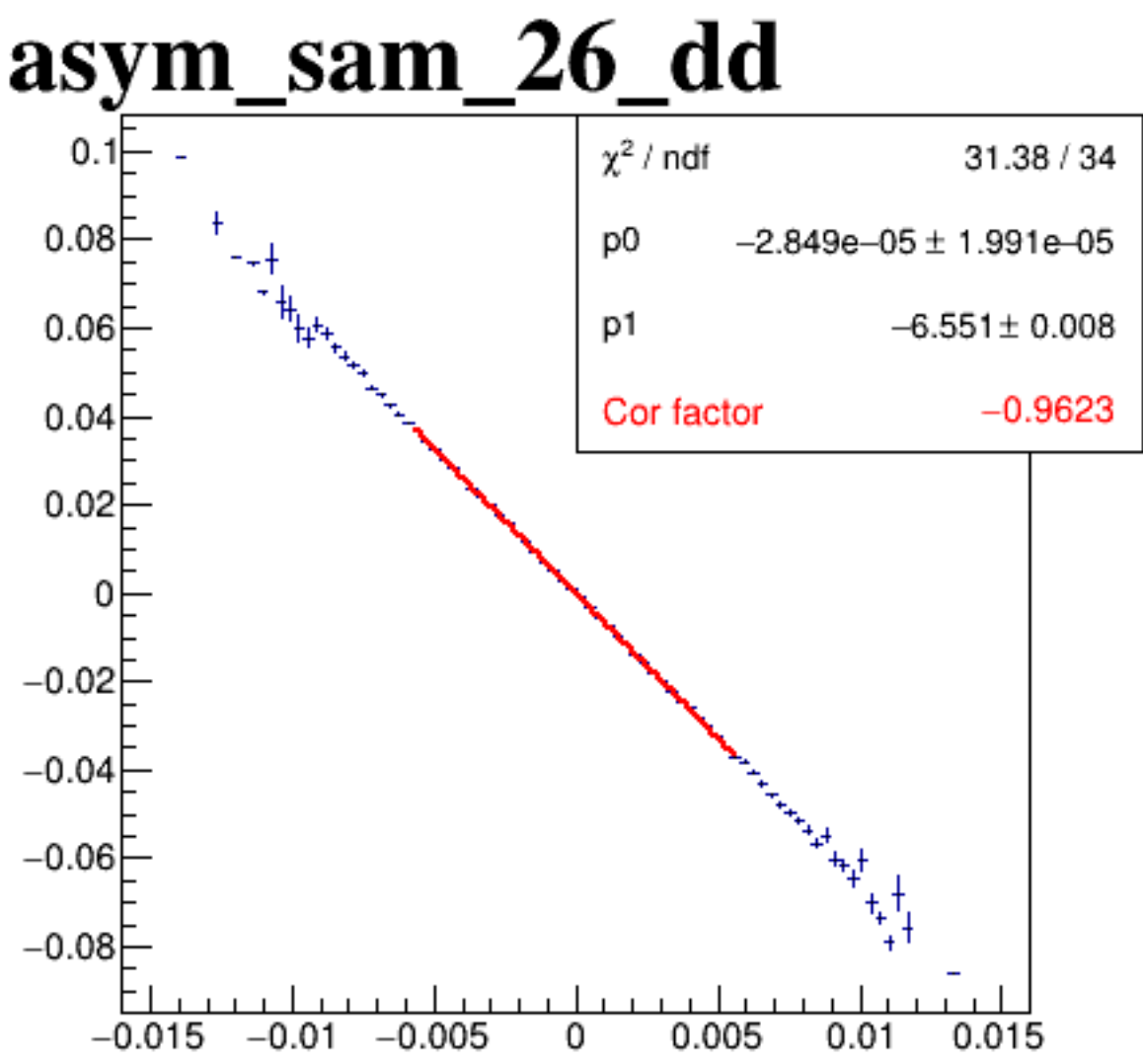
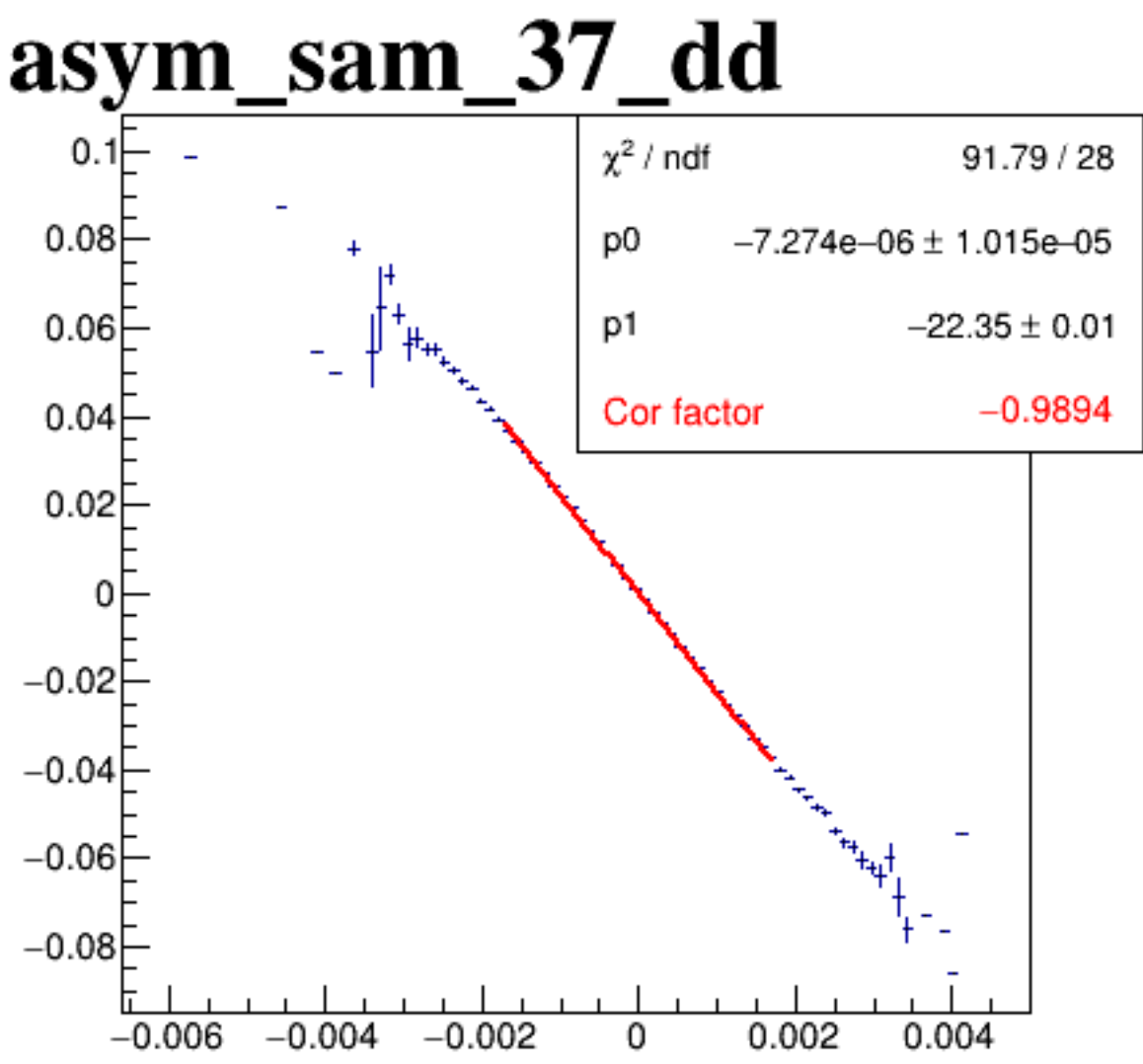
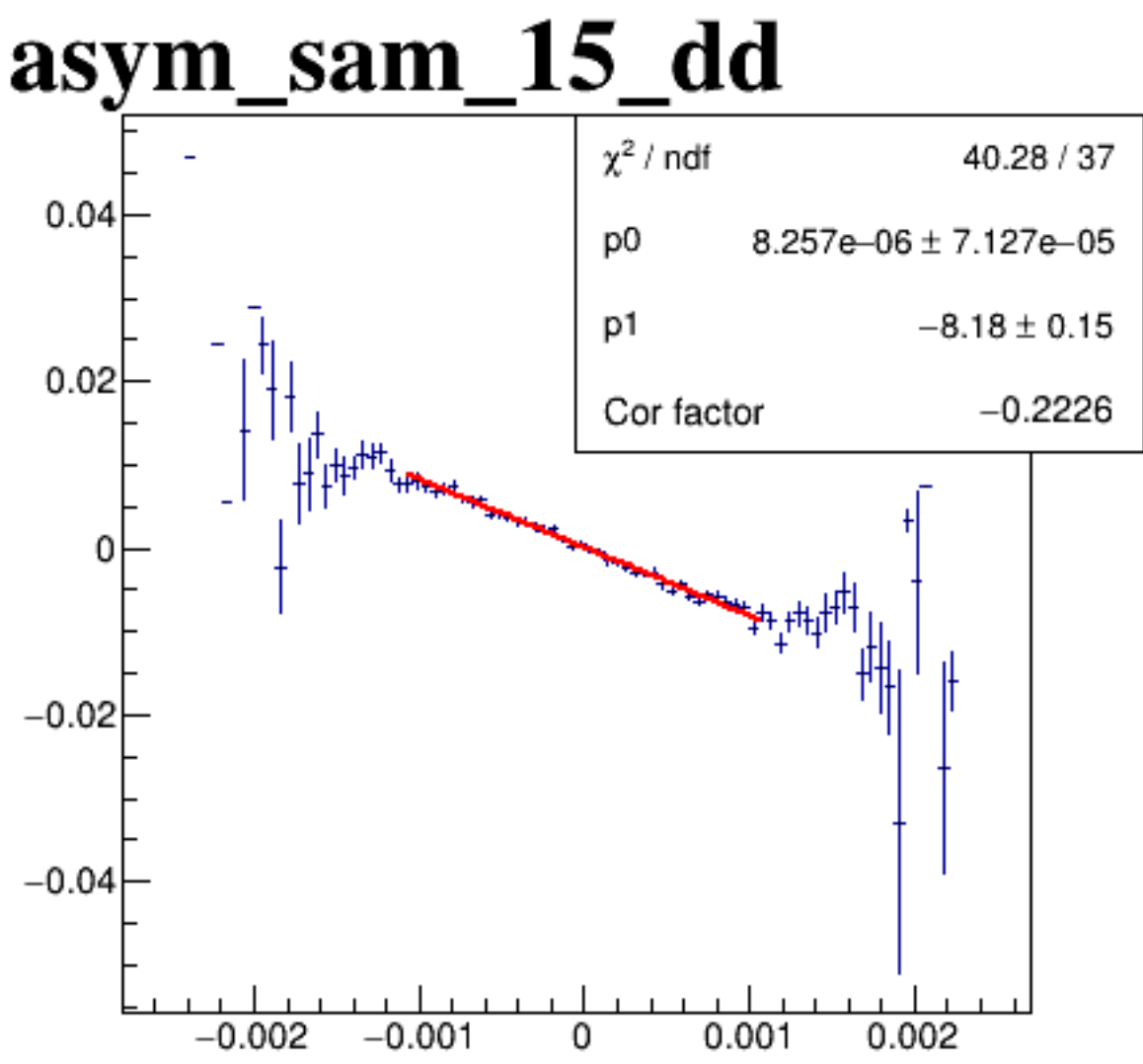
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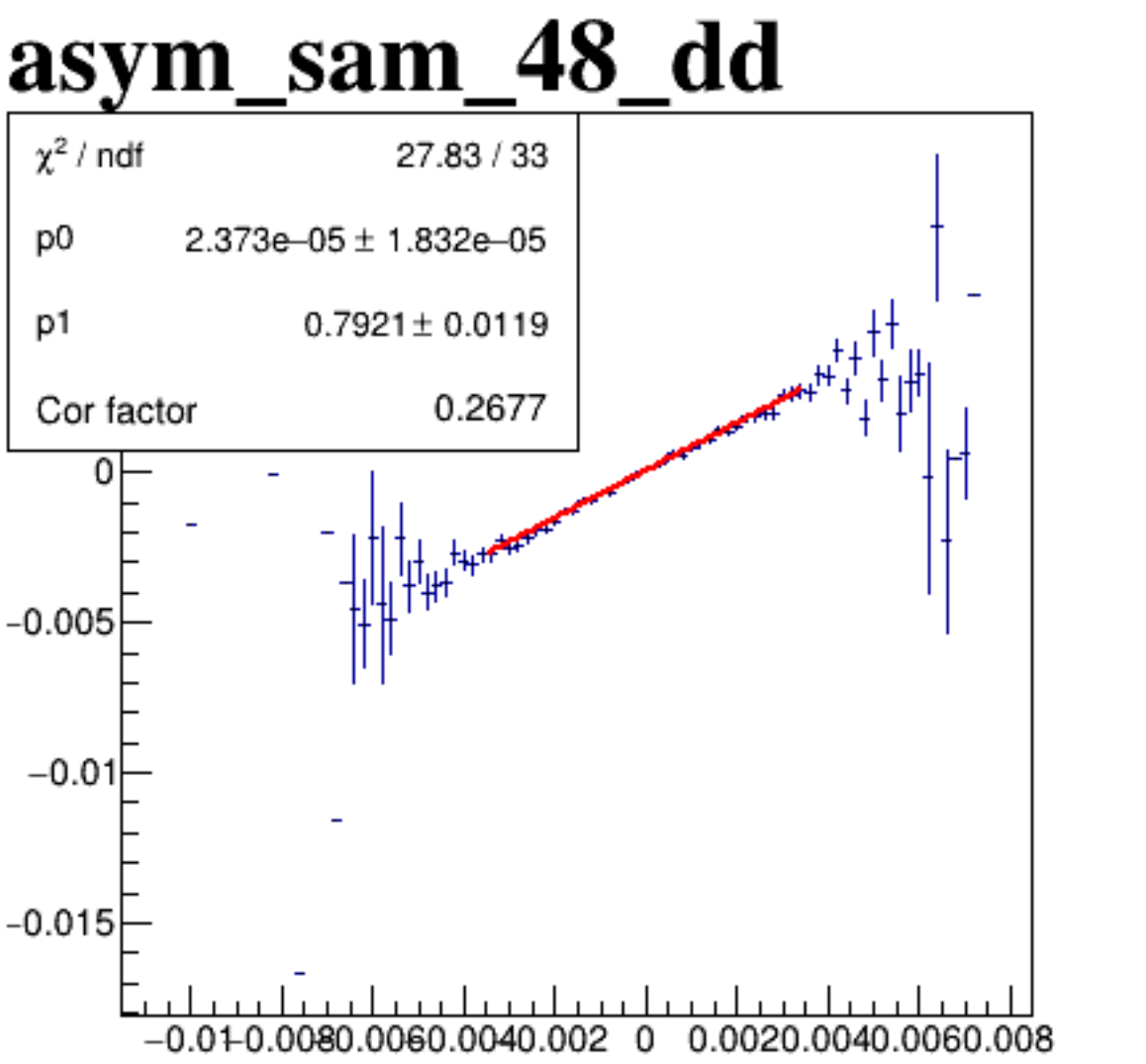
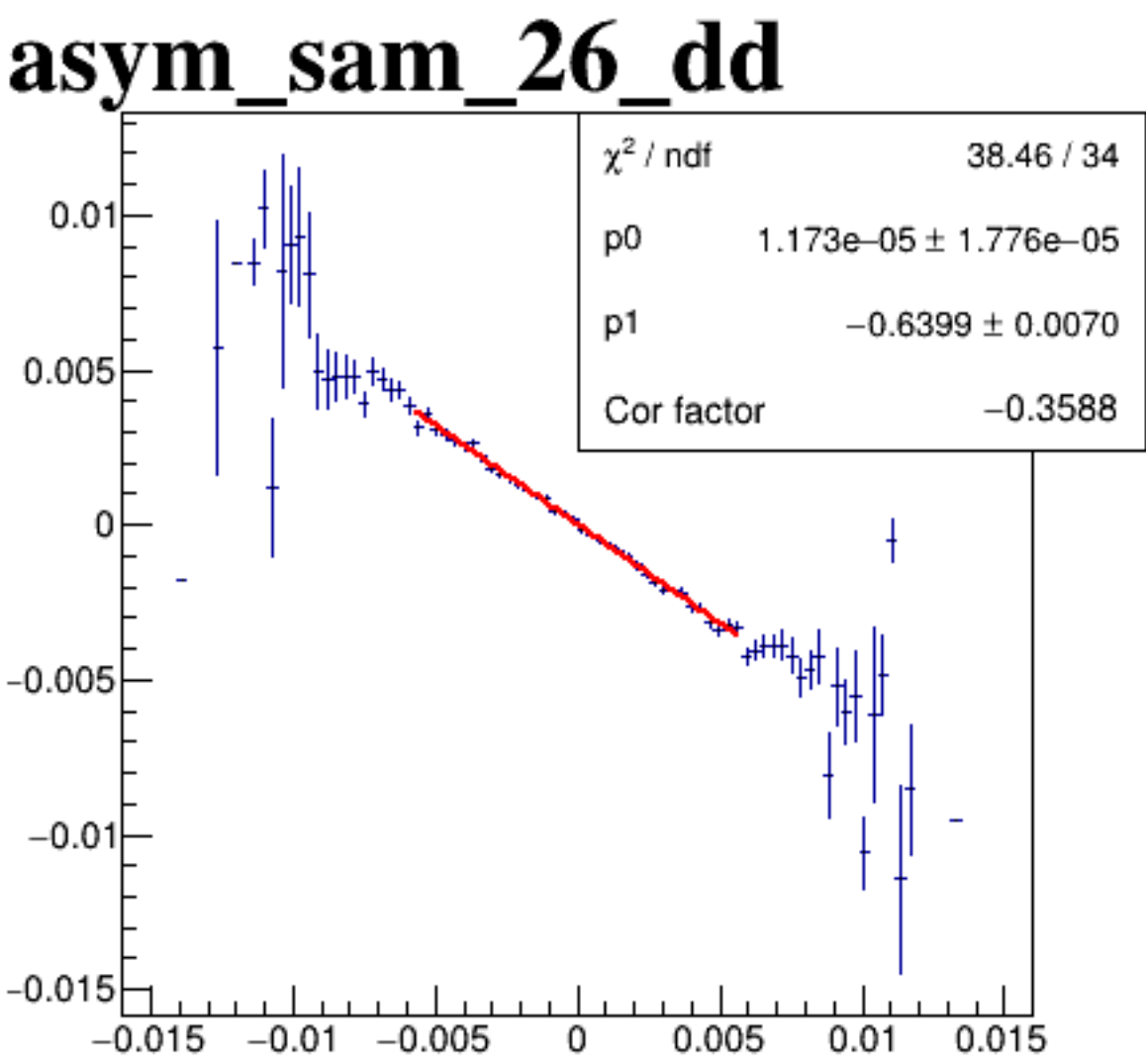
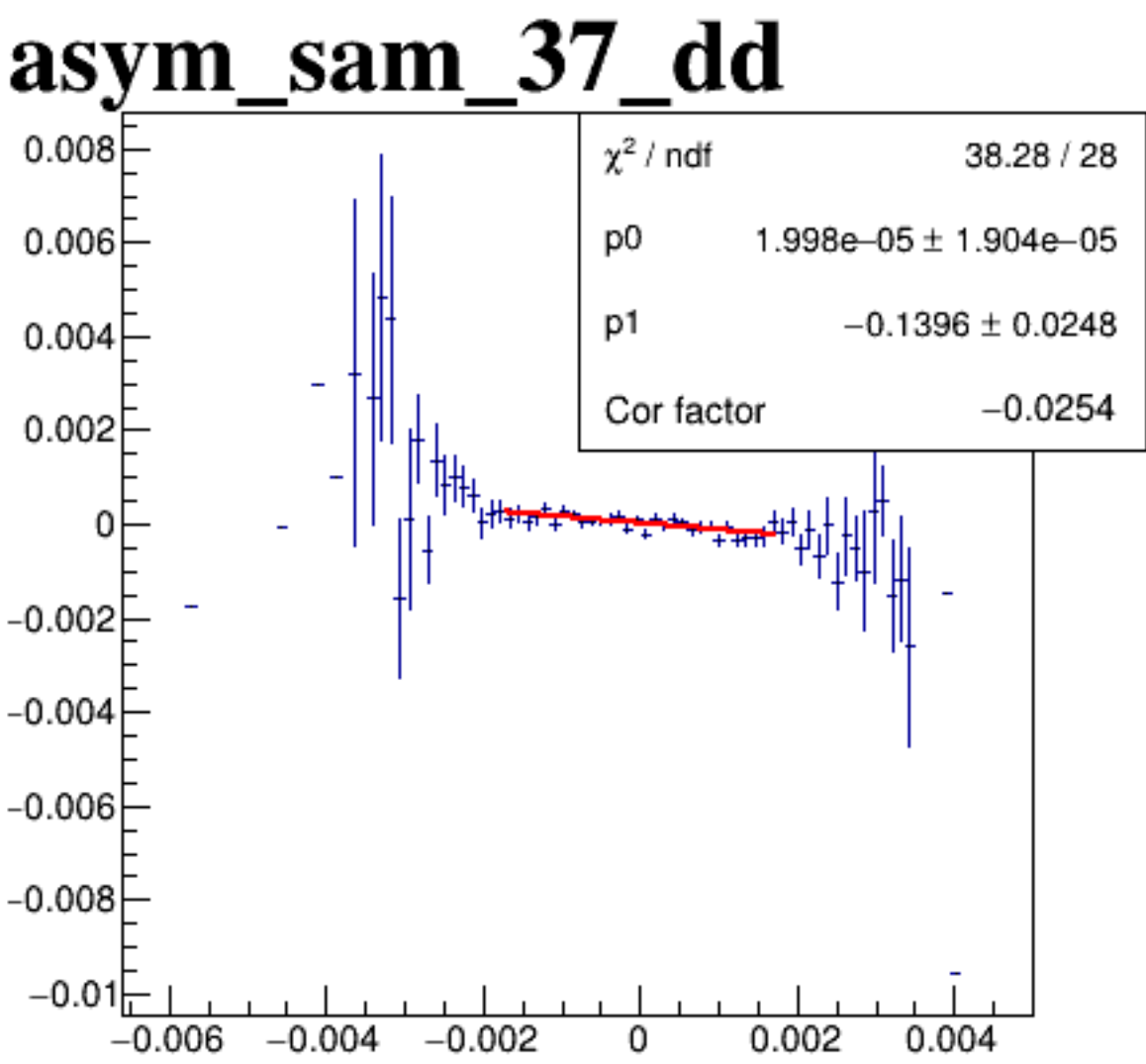
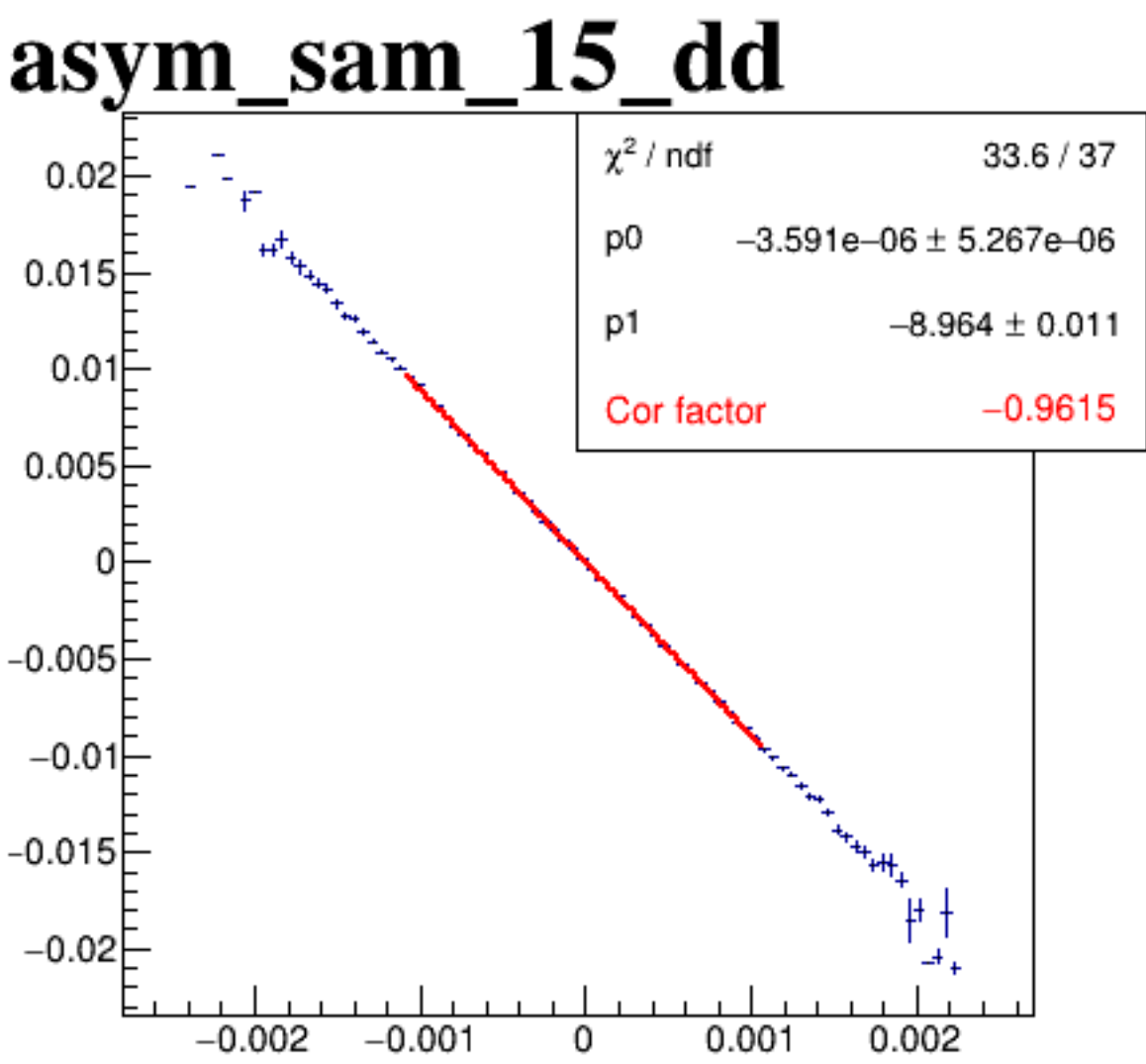
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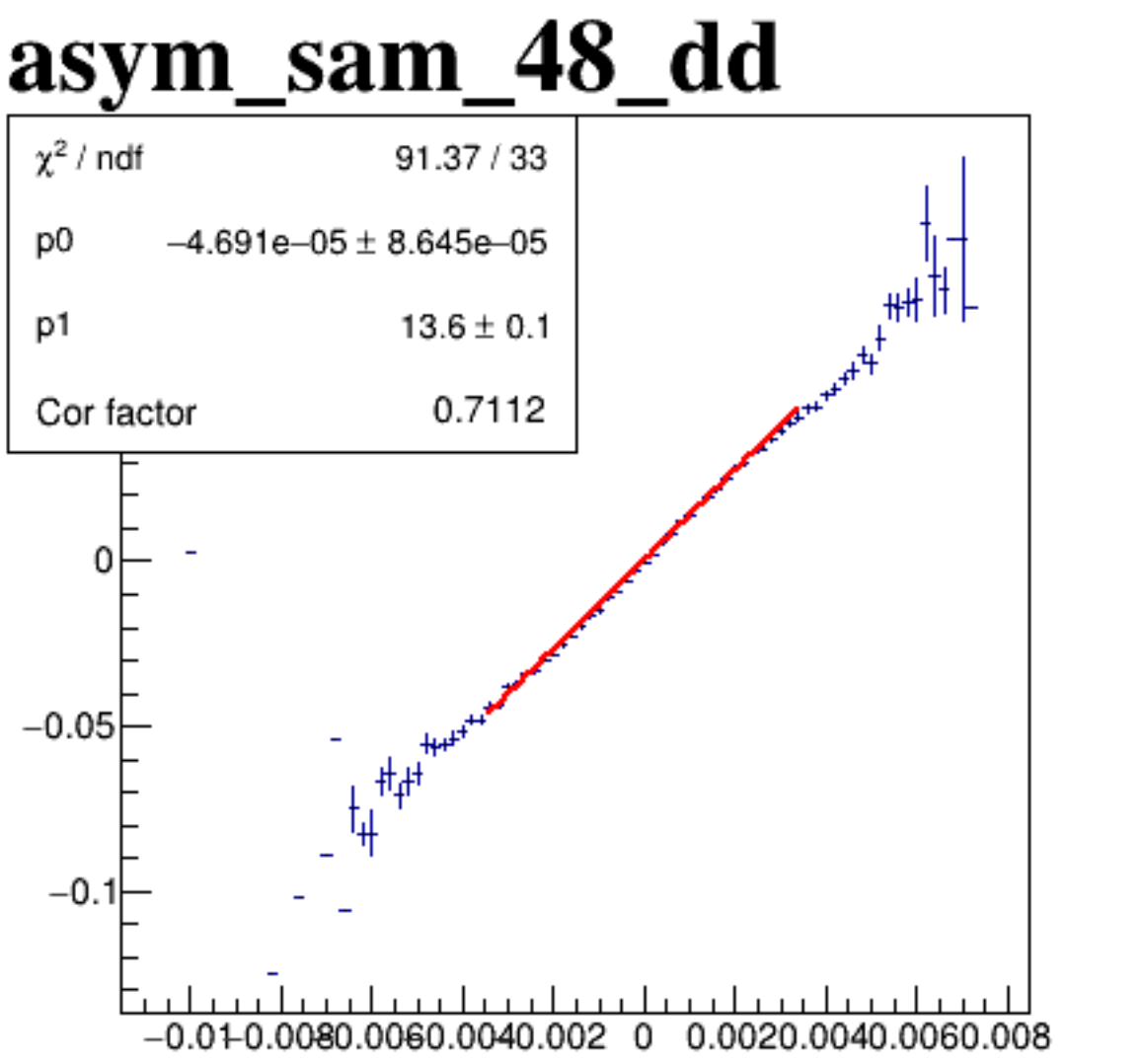
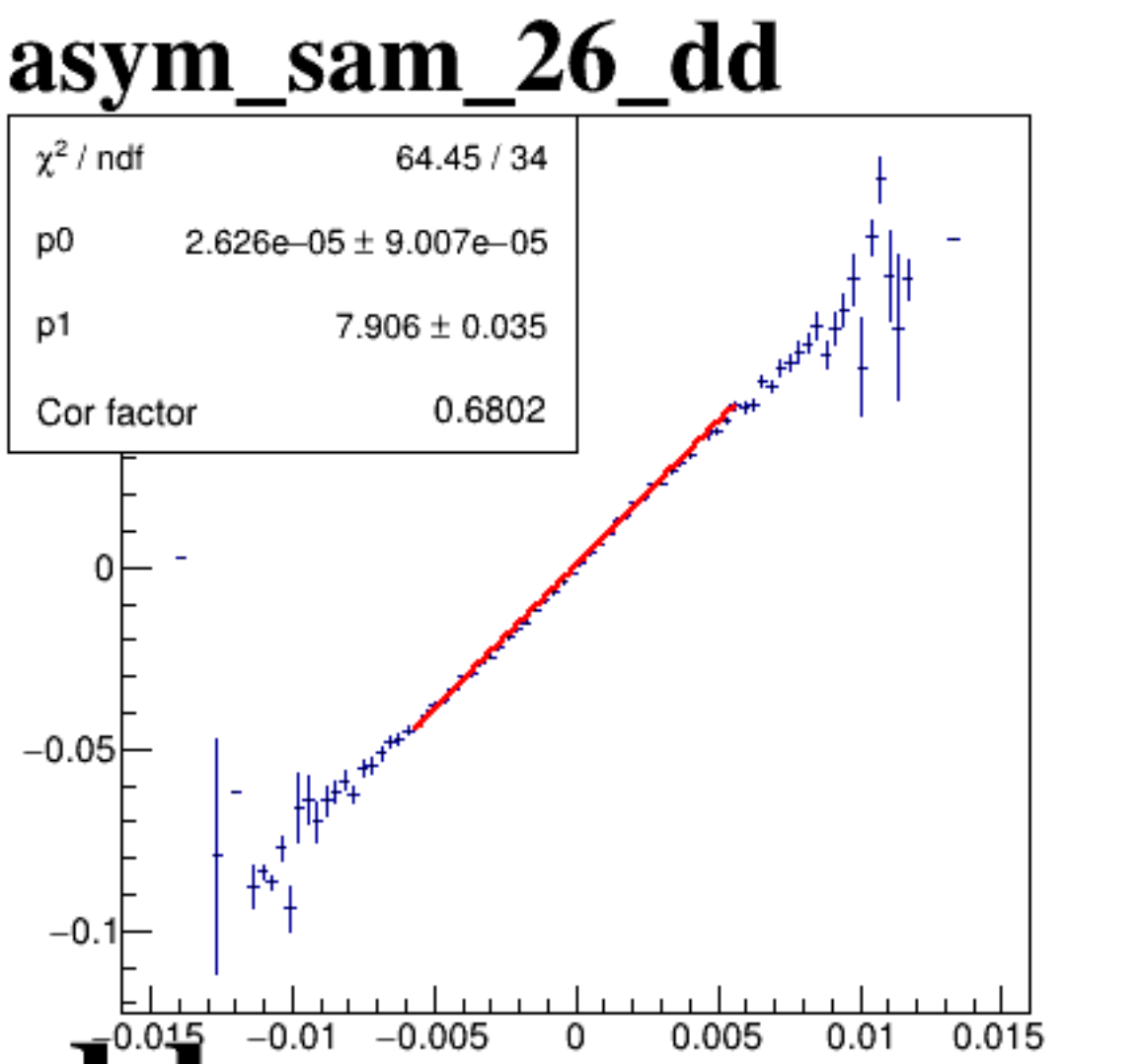
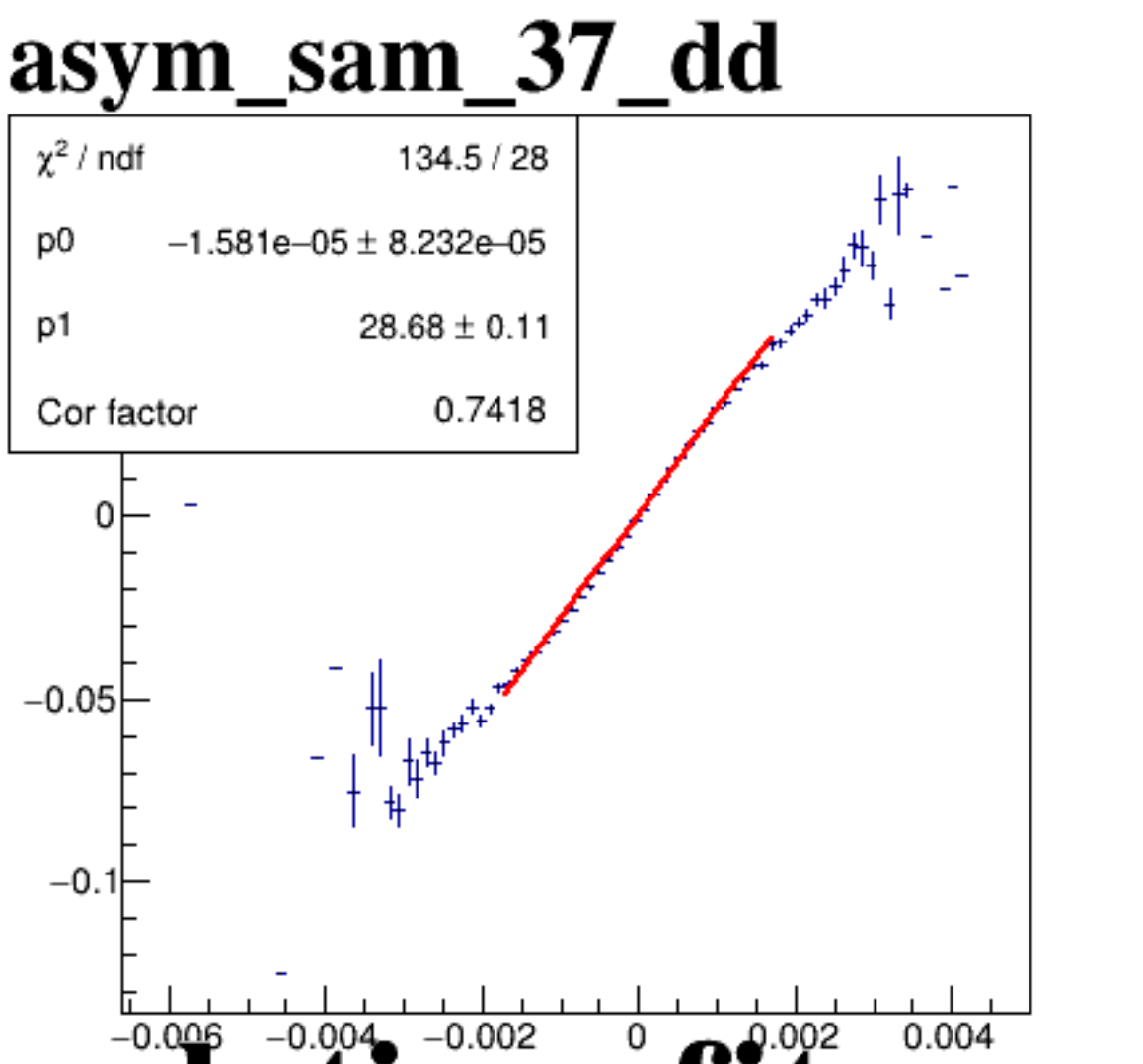
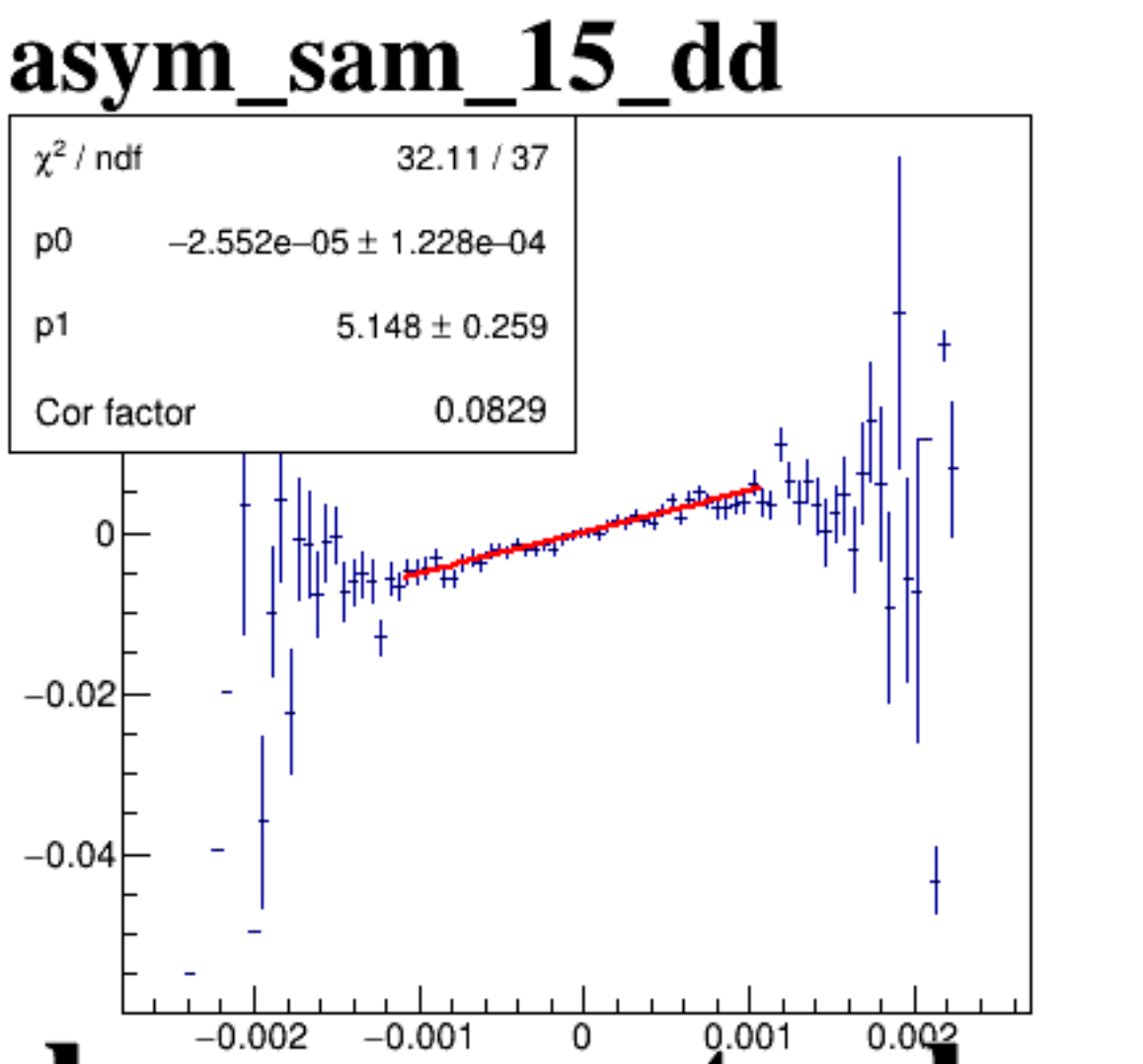
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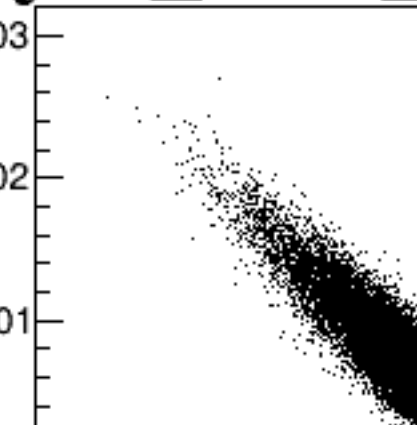


diff_bpm4eY



diff_bpm12X

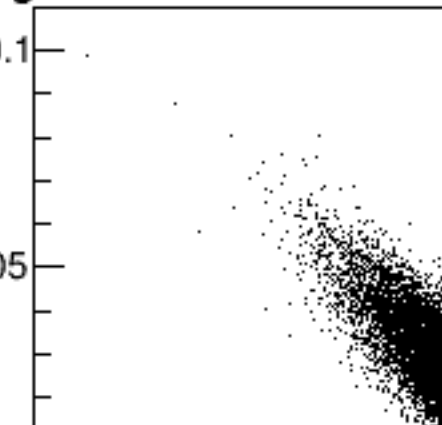




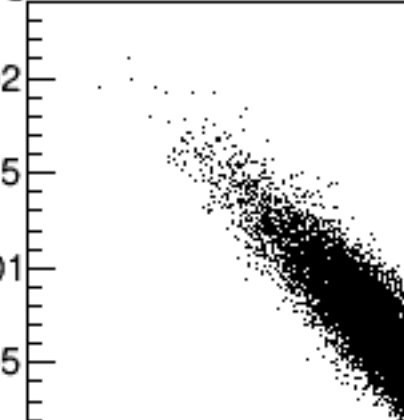
A scatter plot showing the relationship between `asym_sam_15_dd` (y-axis) and `mulc.asym_sam_15_dd` (x-axis). The plot displays a dense cloud of points forming a diagonal band from the top-left to the bottom-right, indicating a strong negative correlation. The axes range from approximately -0.03 to 0.03.

asym_sam_15_dd

Scatter plot showing the distribution of points for the variable `mulc.asym_sam_15_dd` on the x-axis and an unlabeled y-axis. The x-axis ranges from -0.002 to 0.002, and the y-axis ranges from -0.1 to 0.1. The data points are densely clustered around the origin (0,0), forming a roughly circular shape.



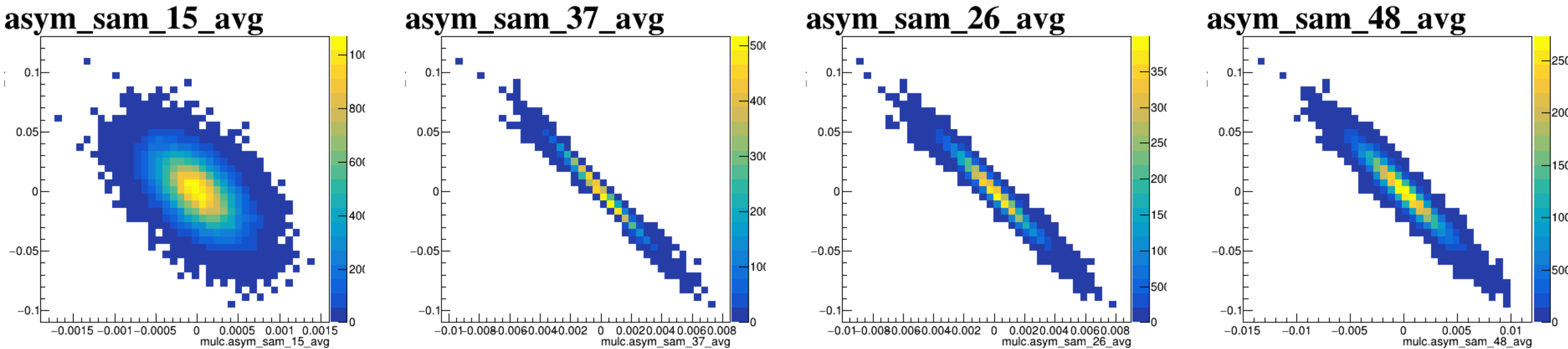
A scatter plot showing the relationship between `asym_sam_48_dd` (y-axis) and `mulc.asym_sam_48_dd` (x-axis). The y-axis ranges from -0.1 to 0.1, and the x-axis ranges from -0.01 to 0.008. The data points form a dense, elongated cloud centered around the origin, indicating a strong positive correlation.



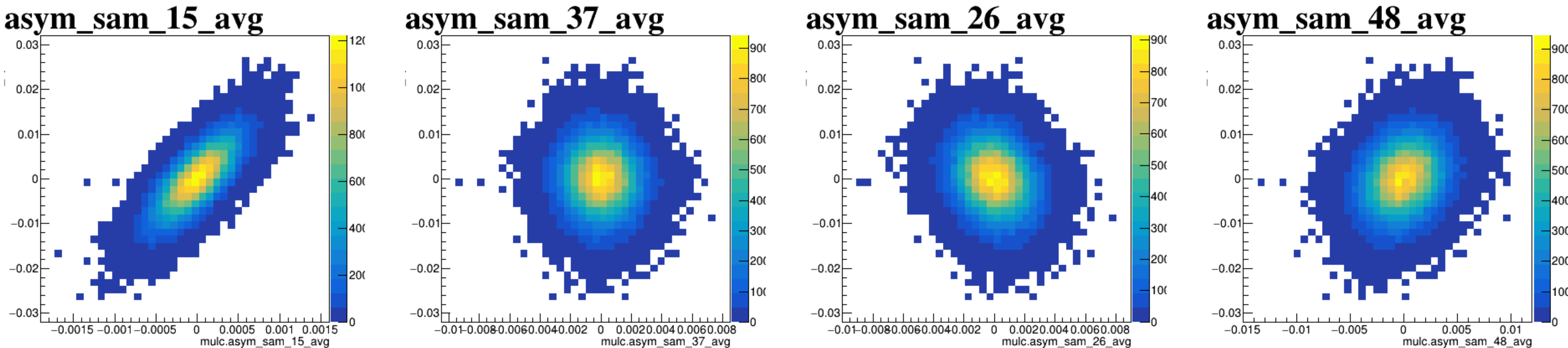
A scatter plot showing the relationship between `asym_sam_15_dd` (y-axis) and `mulc.asym_sam_15_dd` (x-axis). The data points form a dense, elongated cloud along a diagonal line from the top-left to the bottom-right, indicating a strong negative correlation. The axes range from approximately -0.02 to 0.02.

run6318_000_diff_bpm_mutual_correlation_scat_sam_dds.png

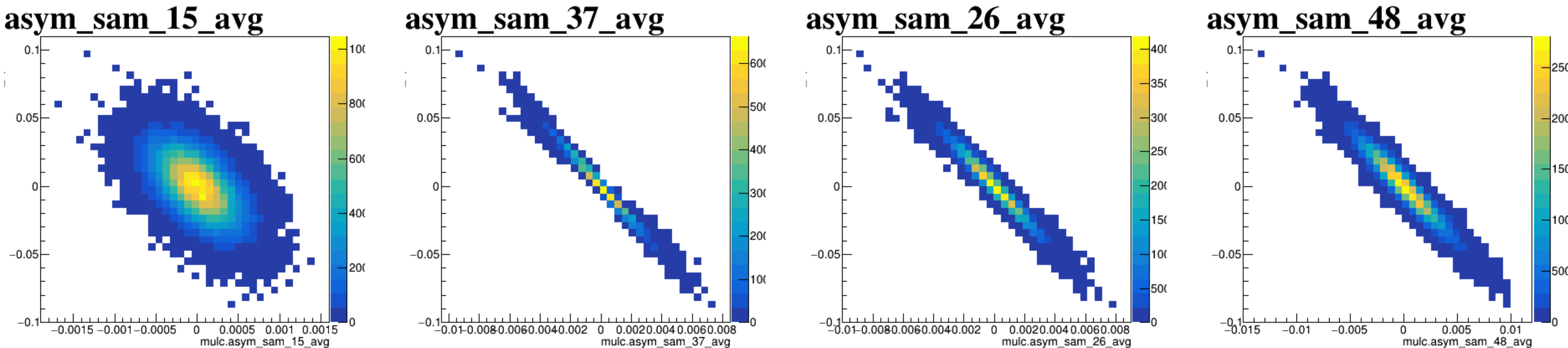
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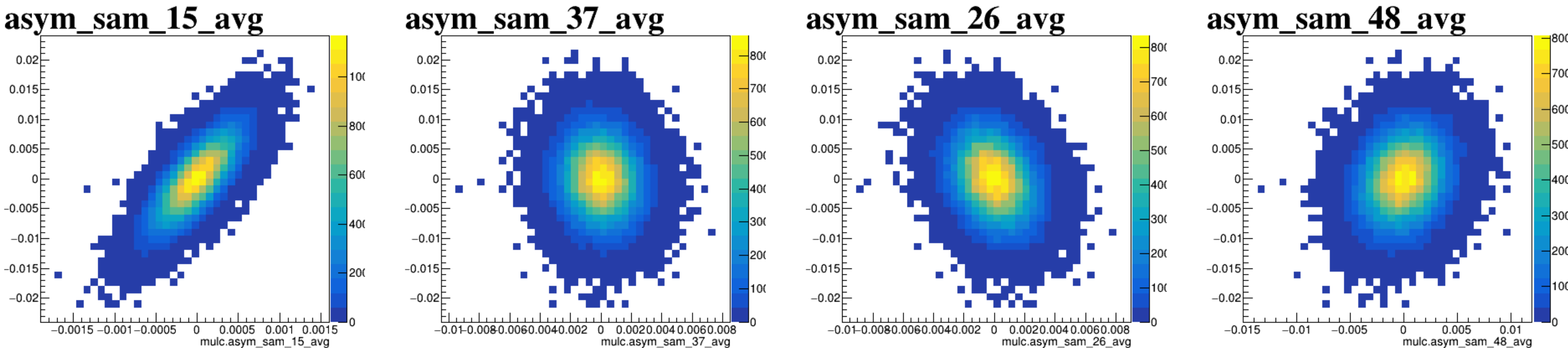
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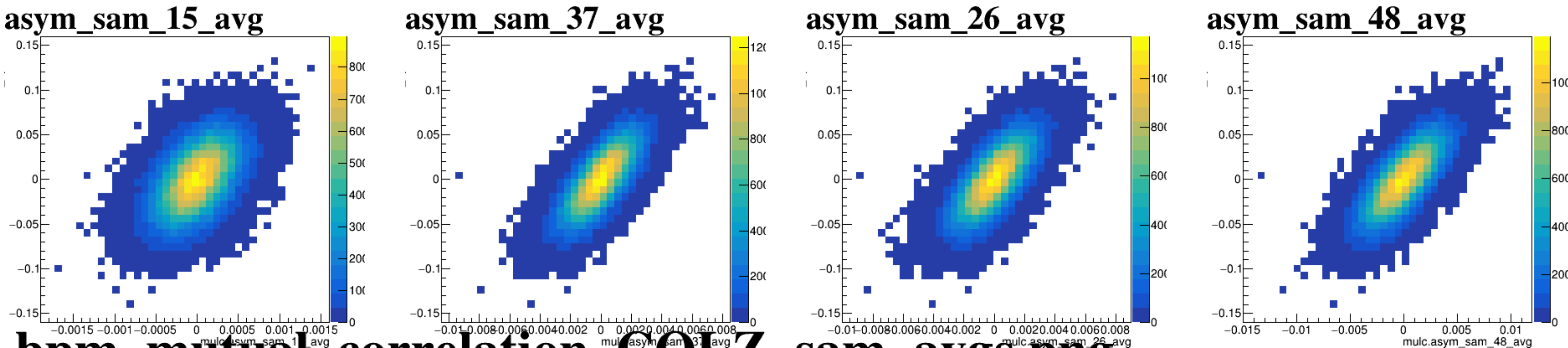
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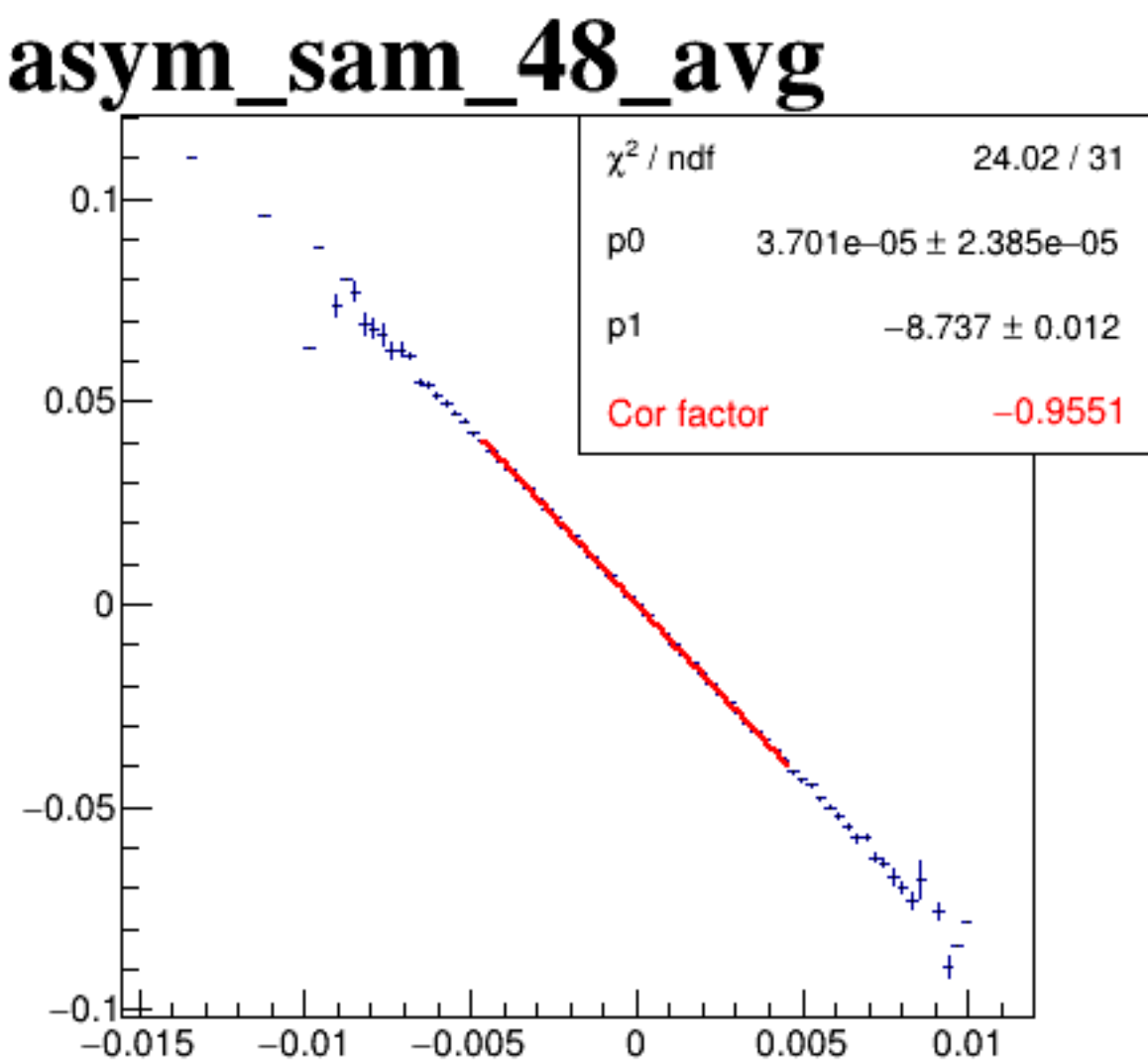
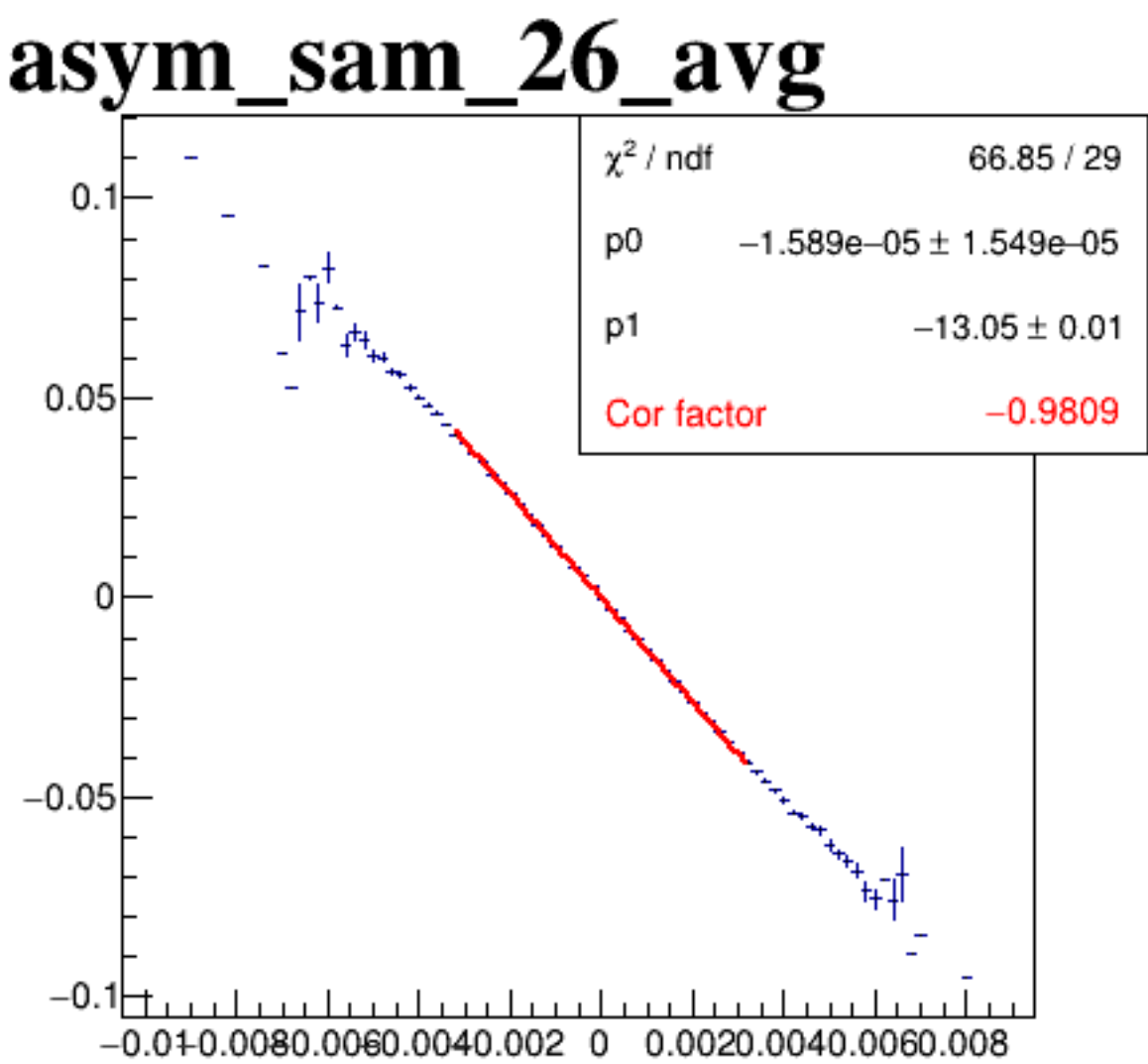
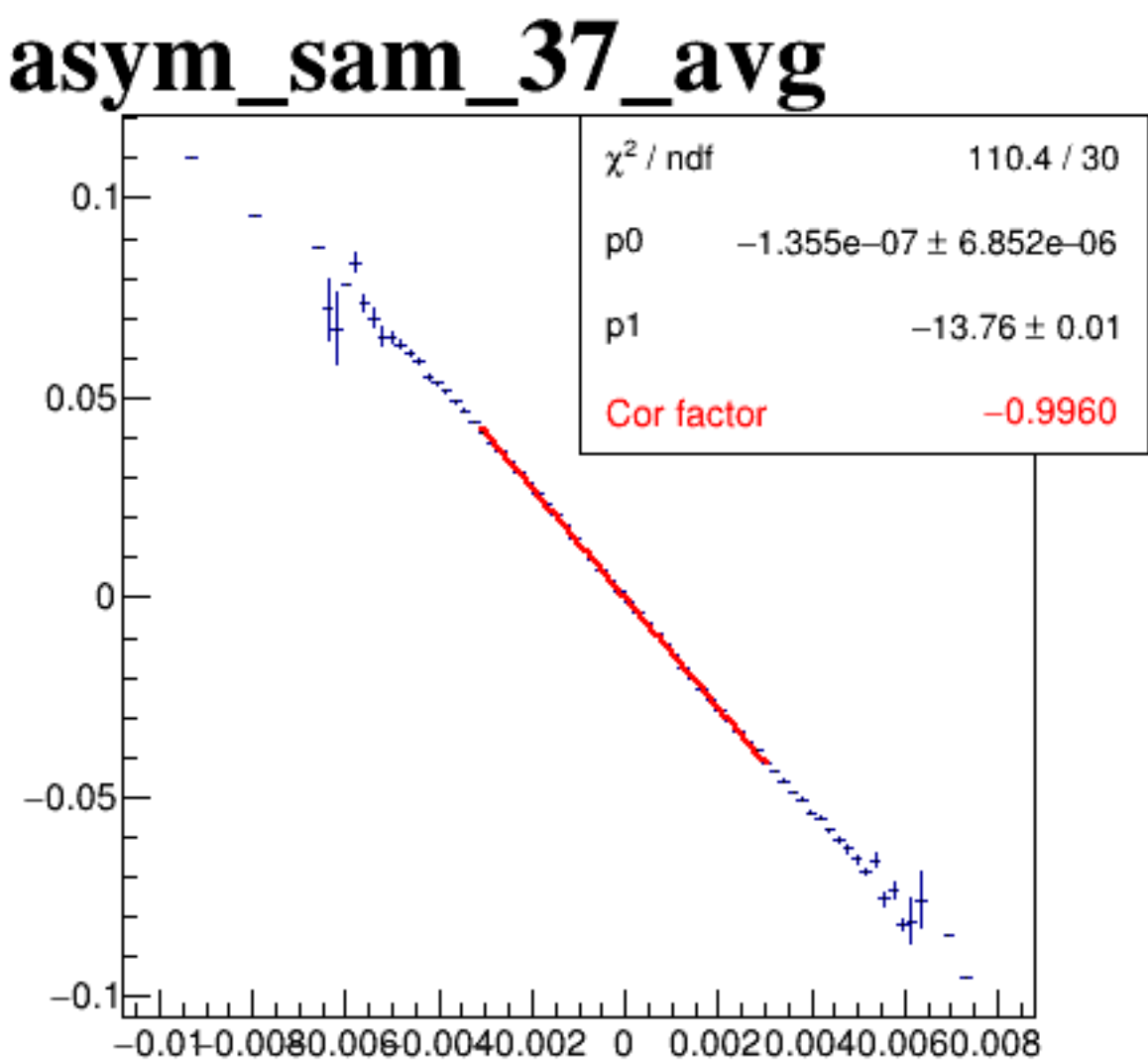
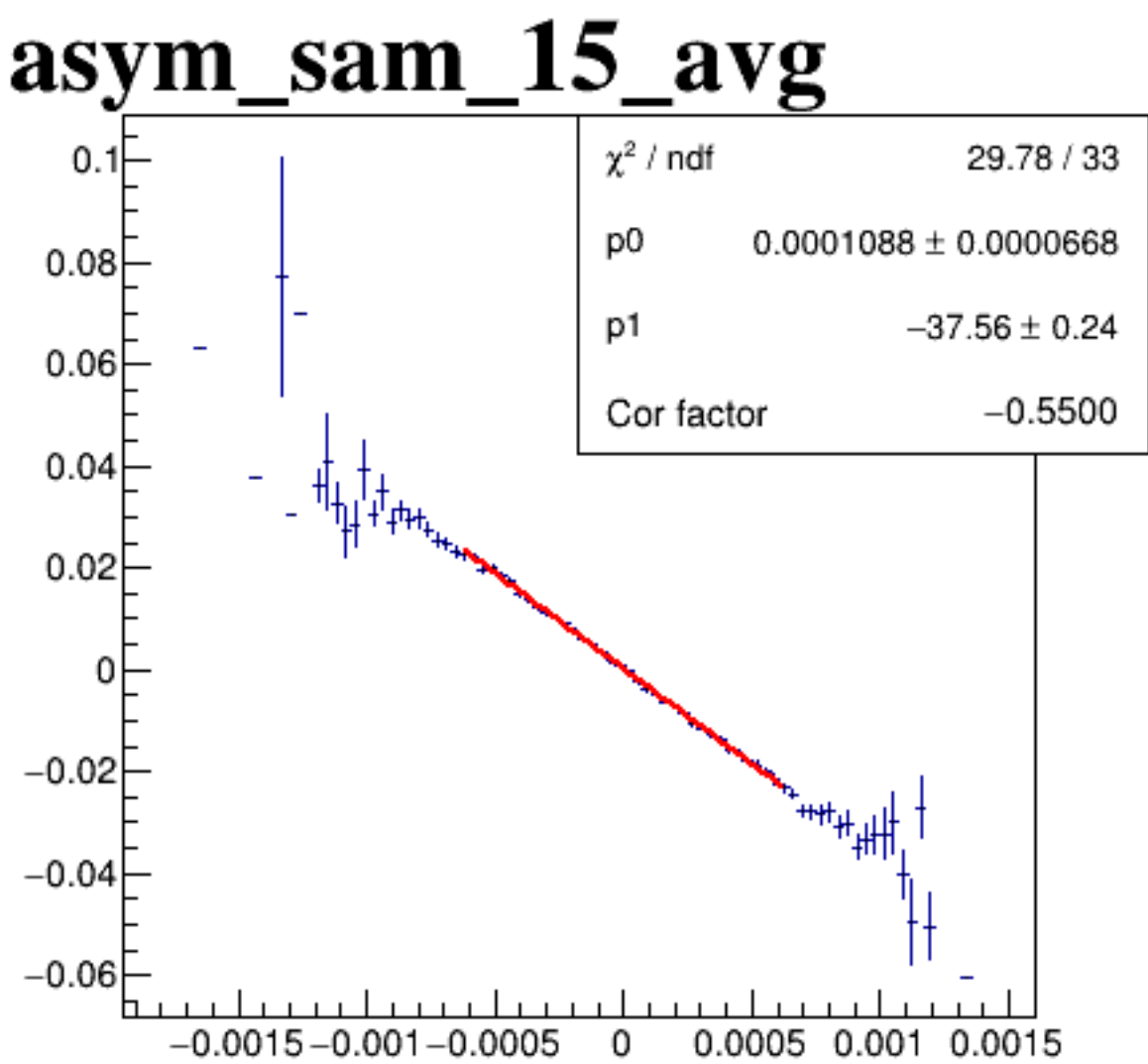
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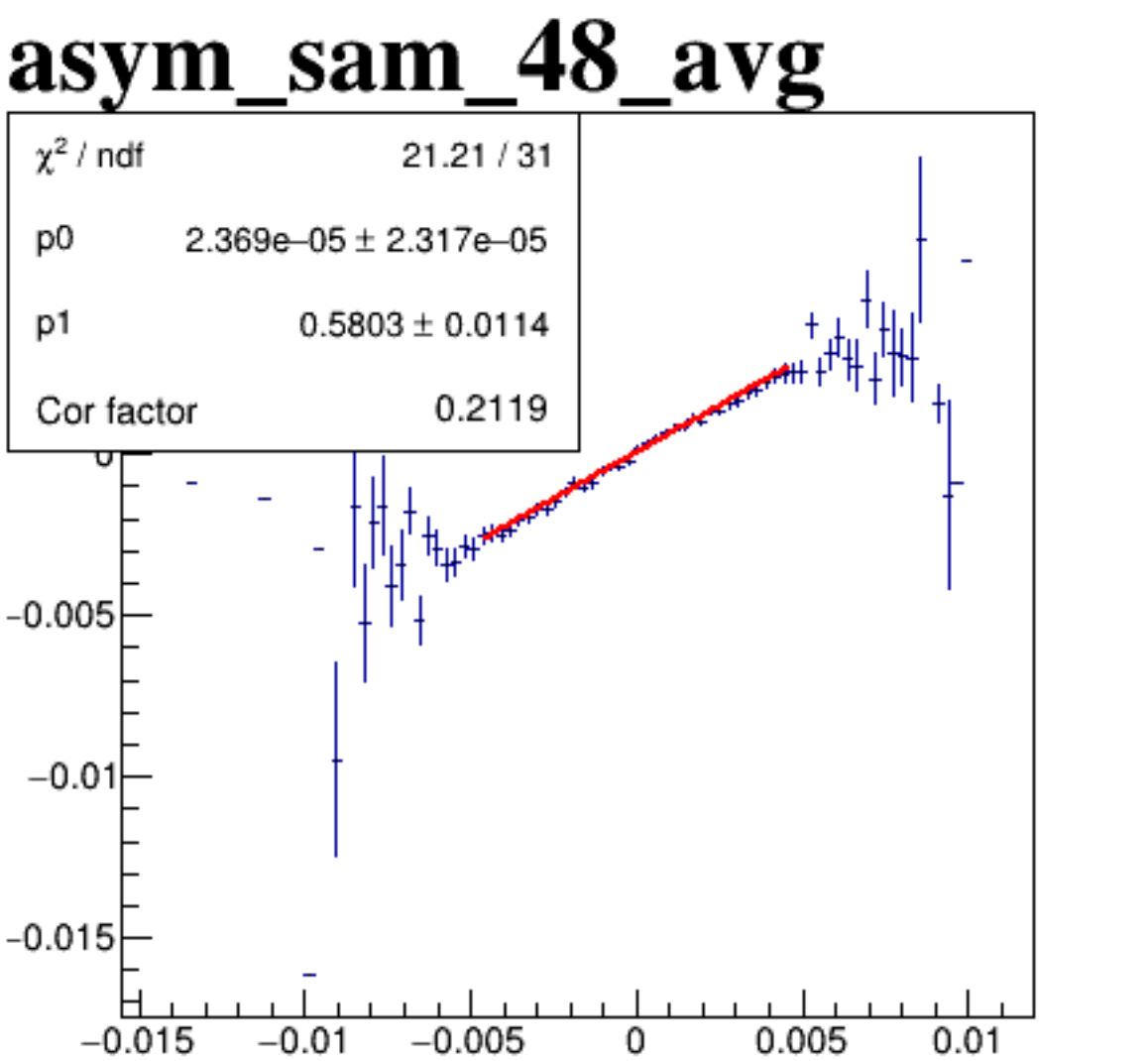
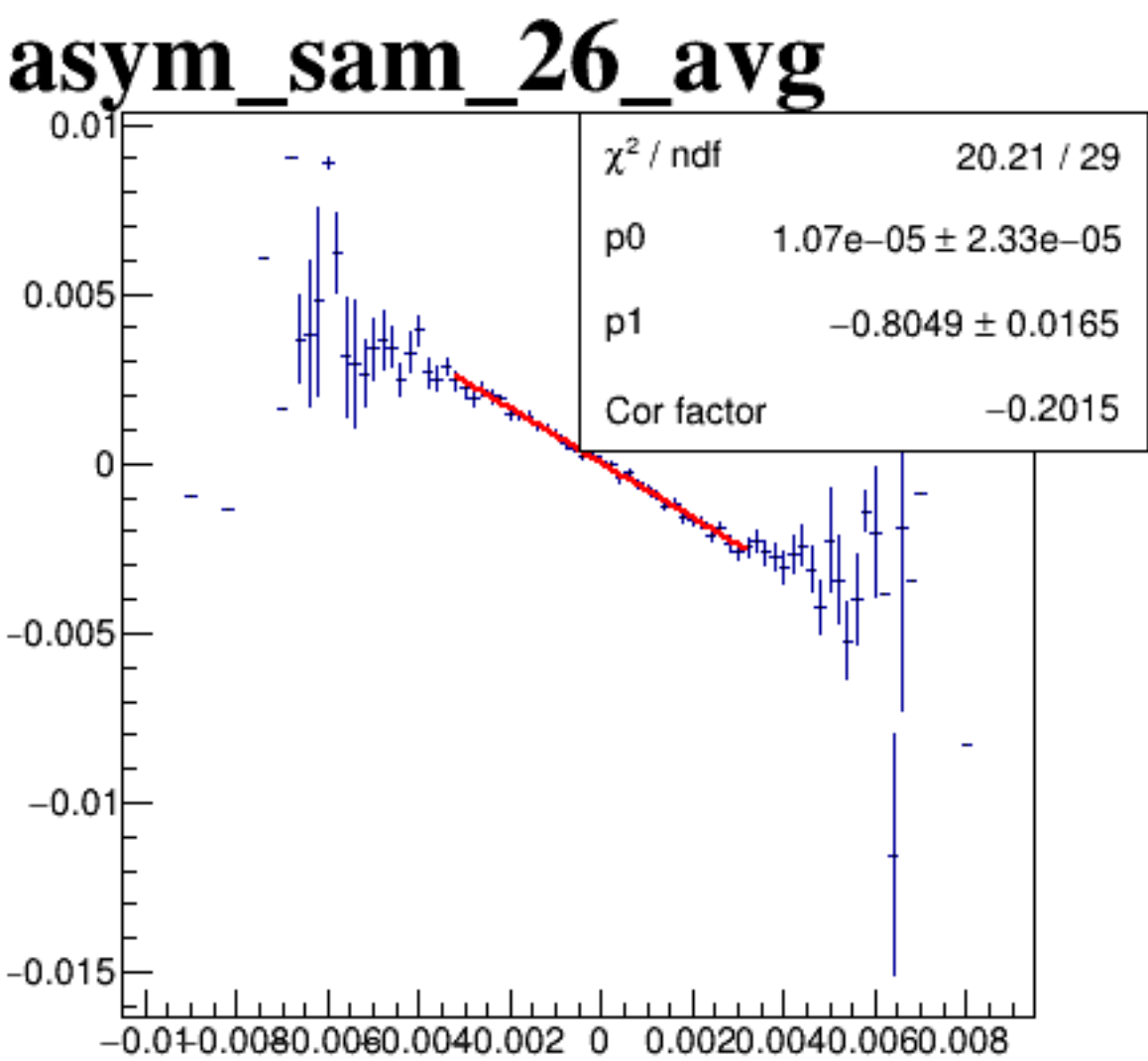
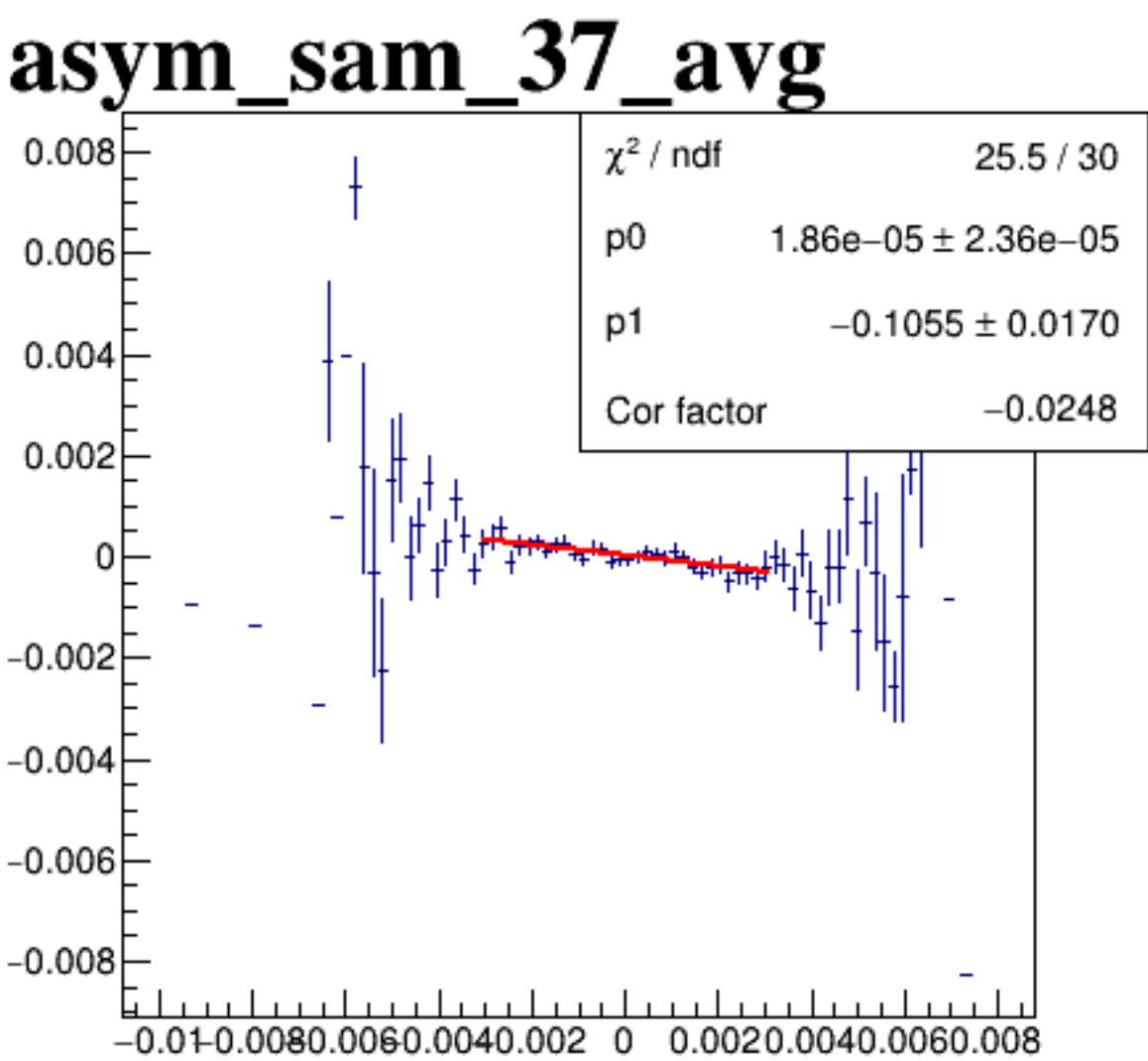
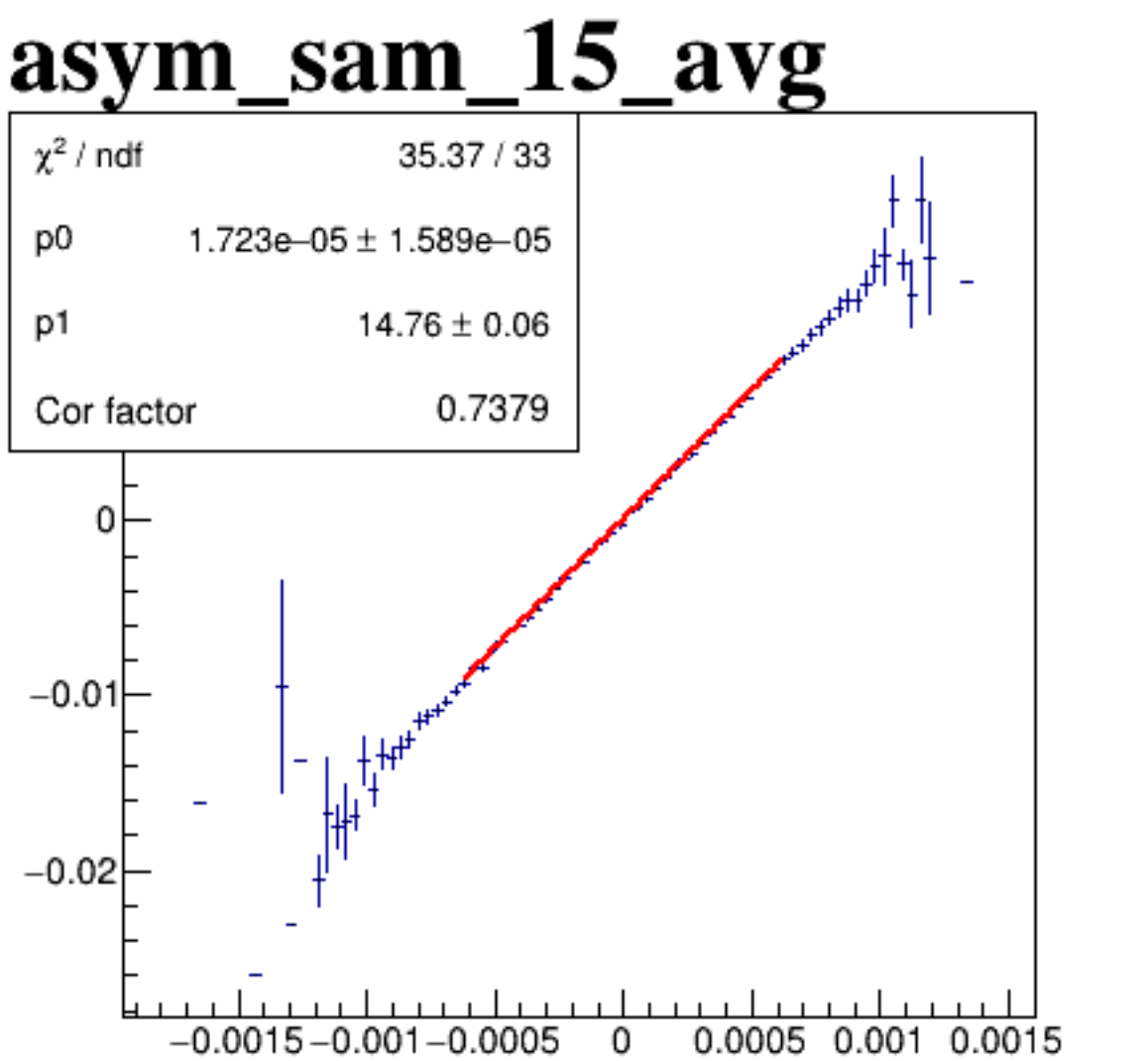
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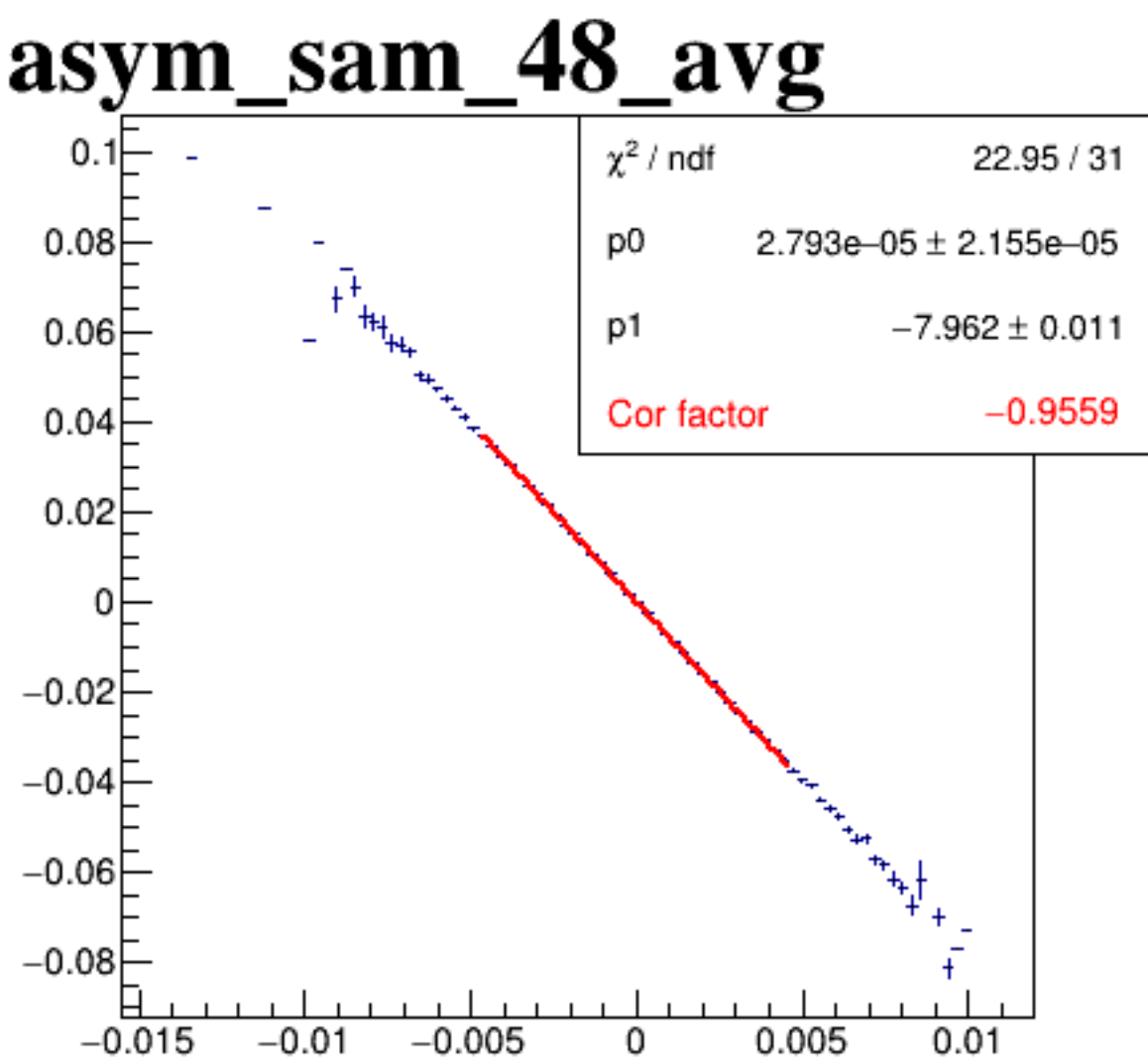
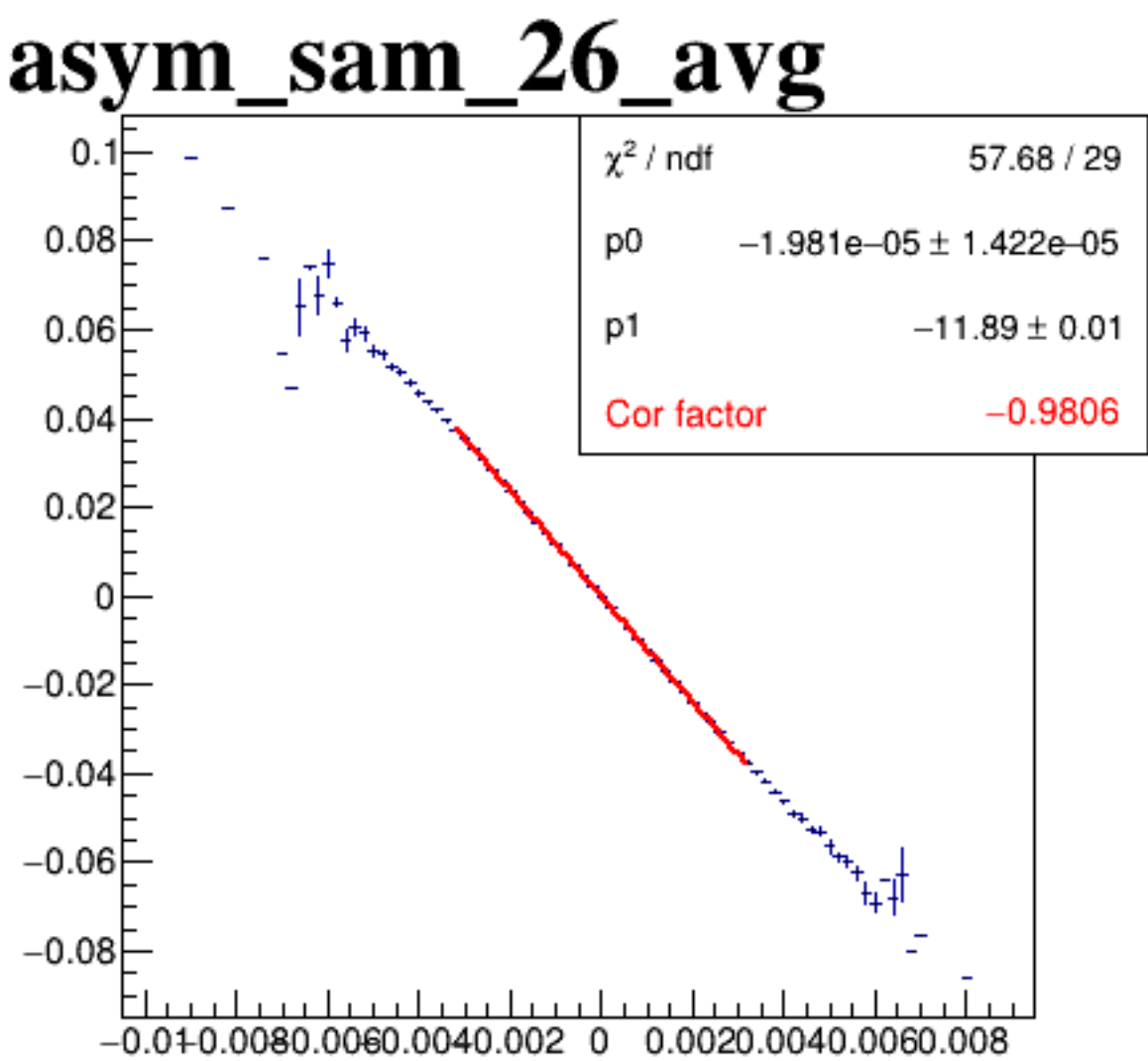
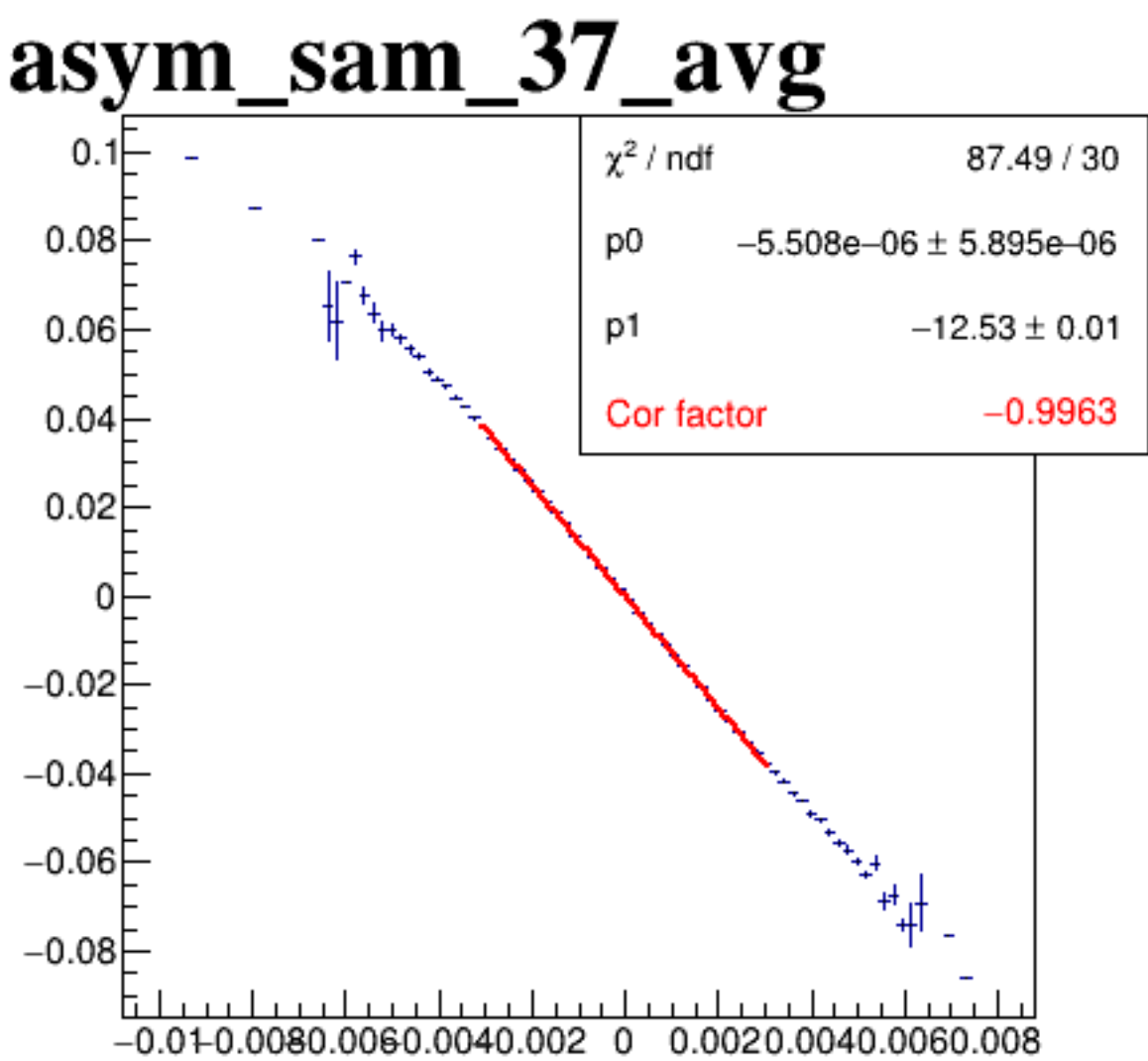
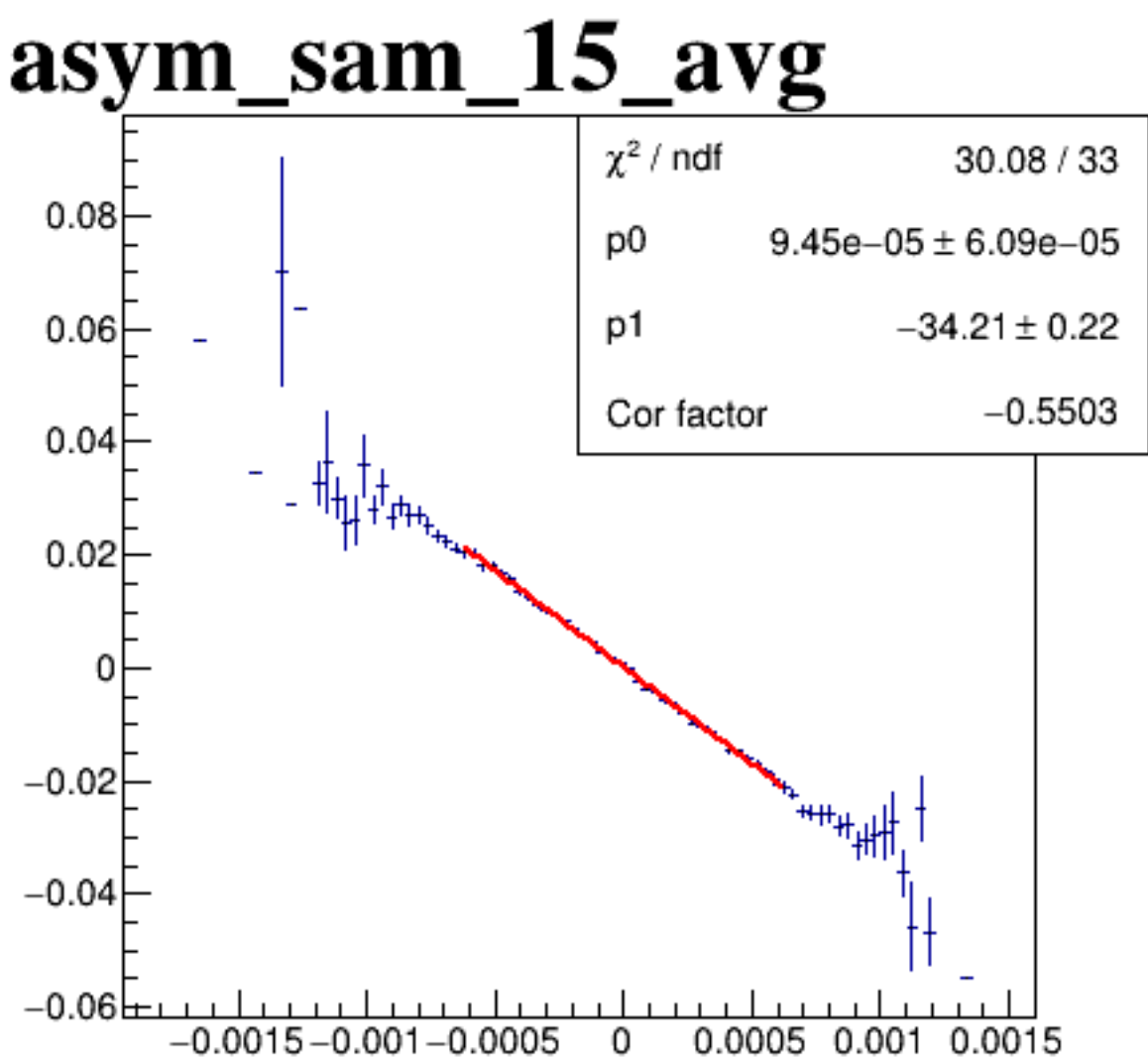
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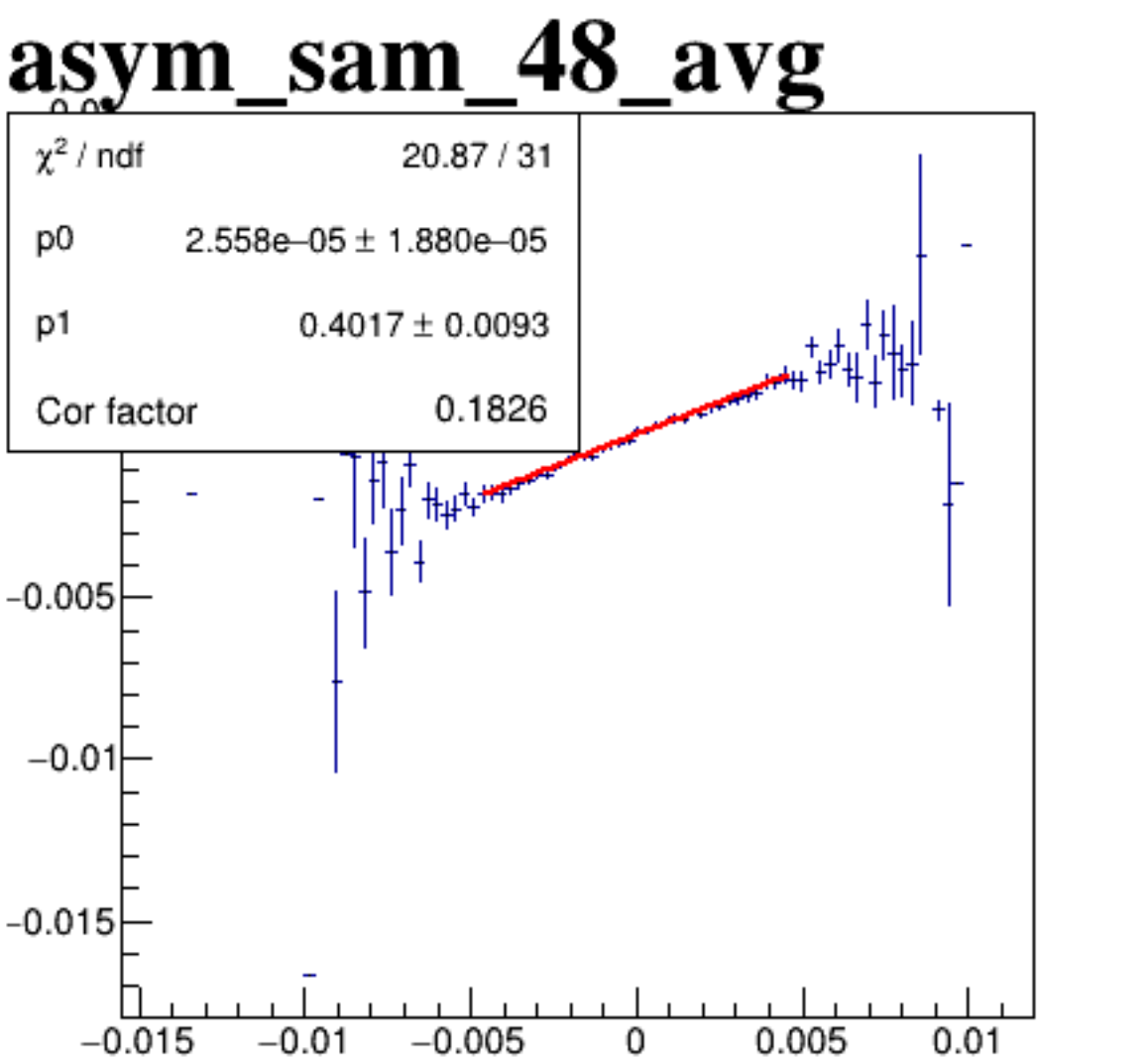
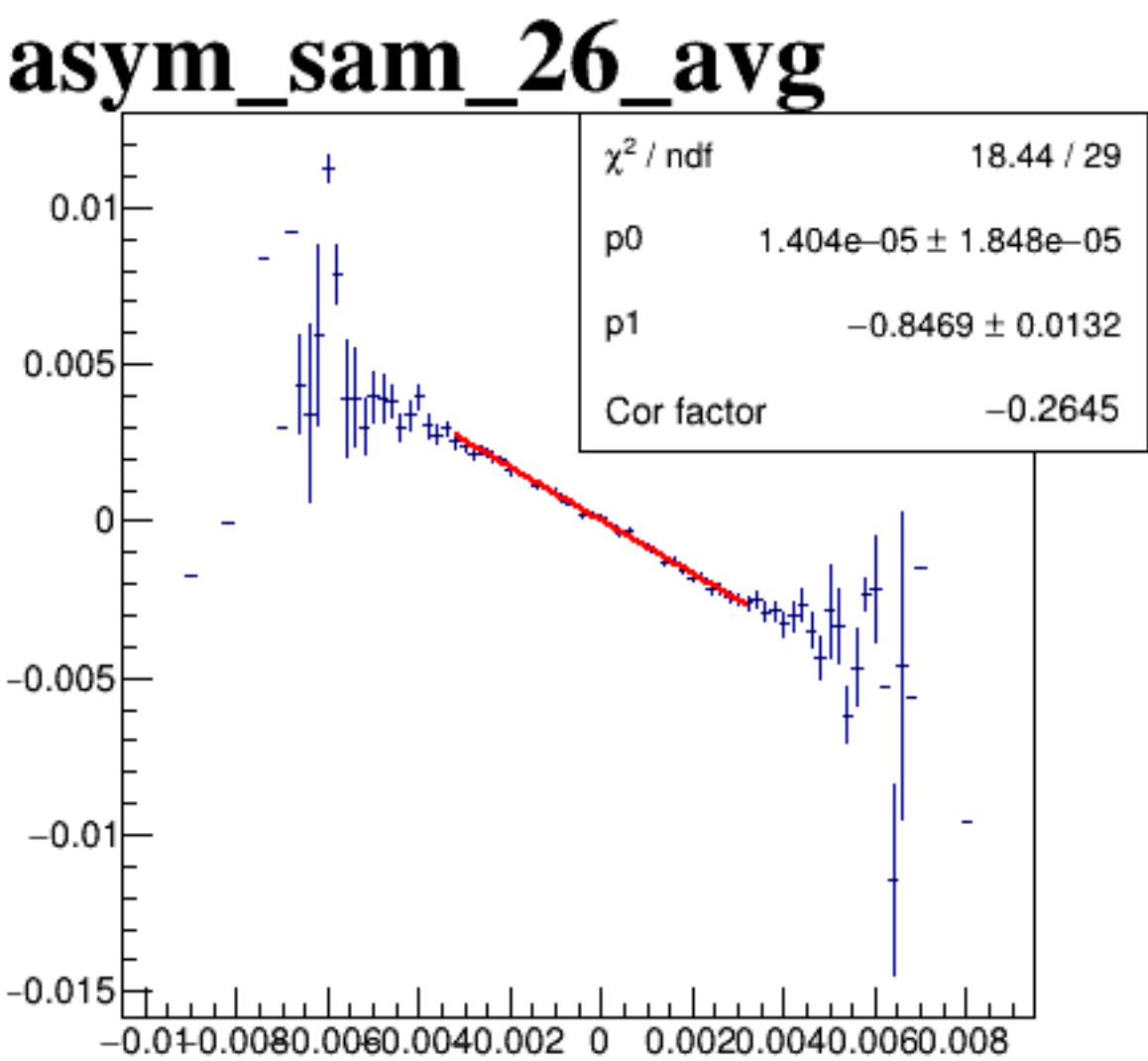
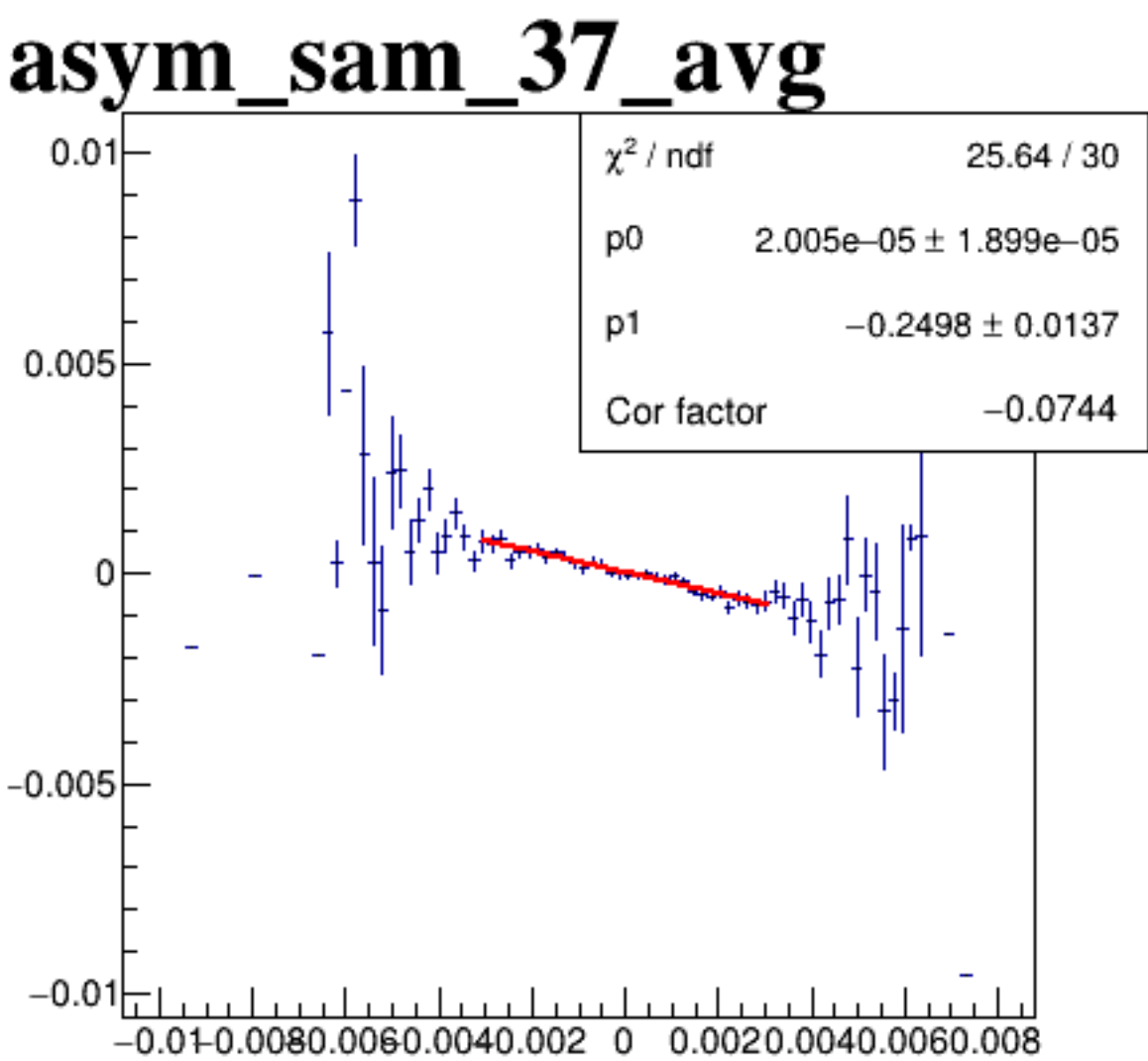
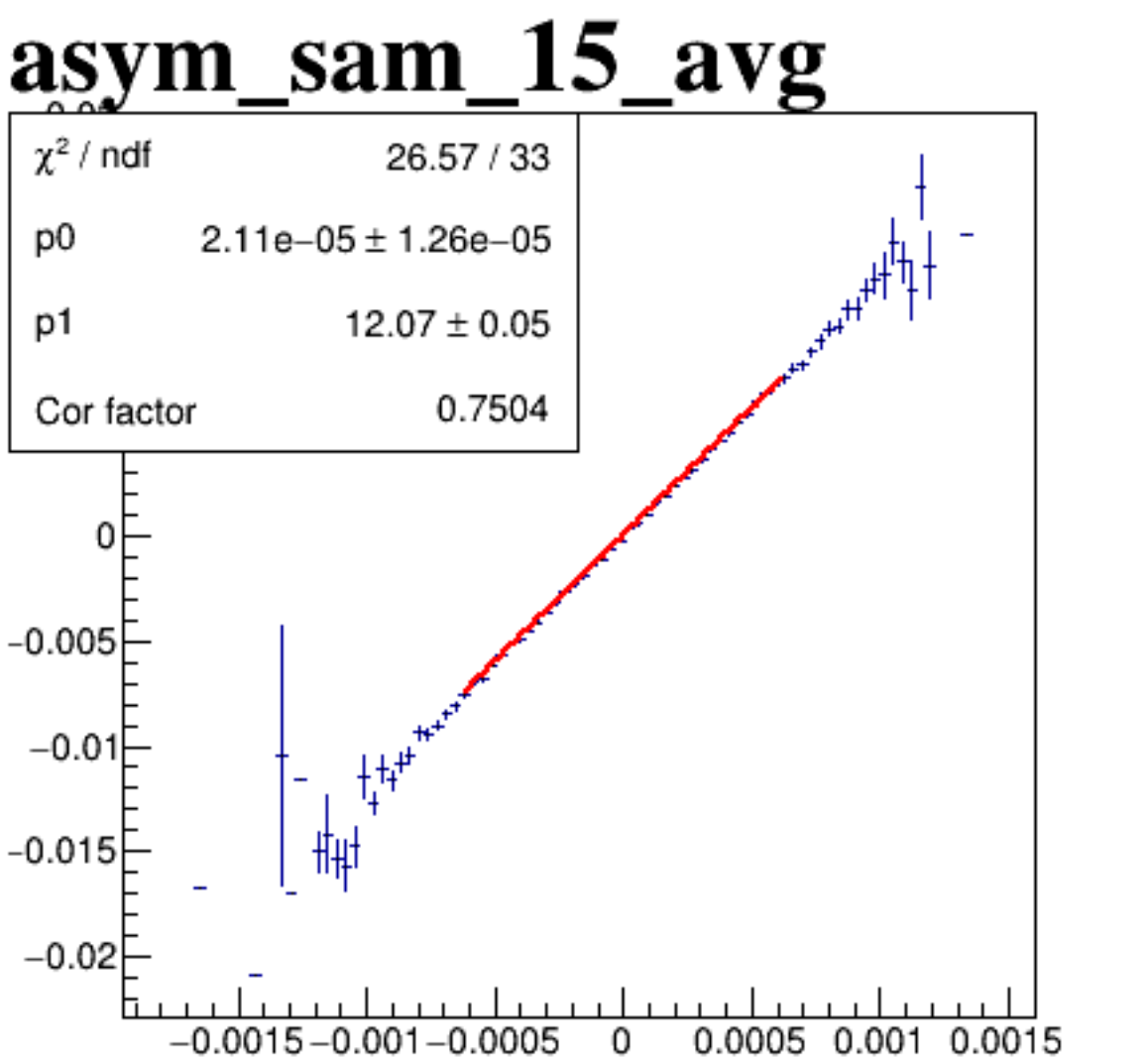
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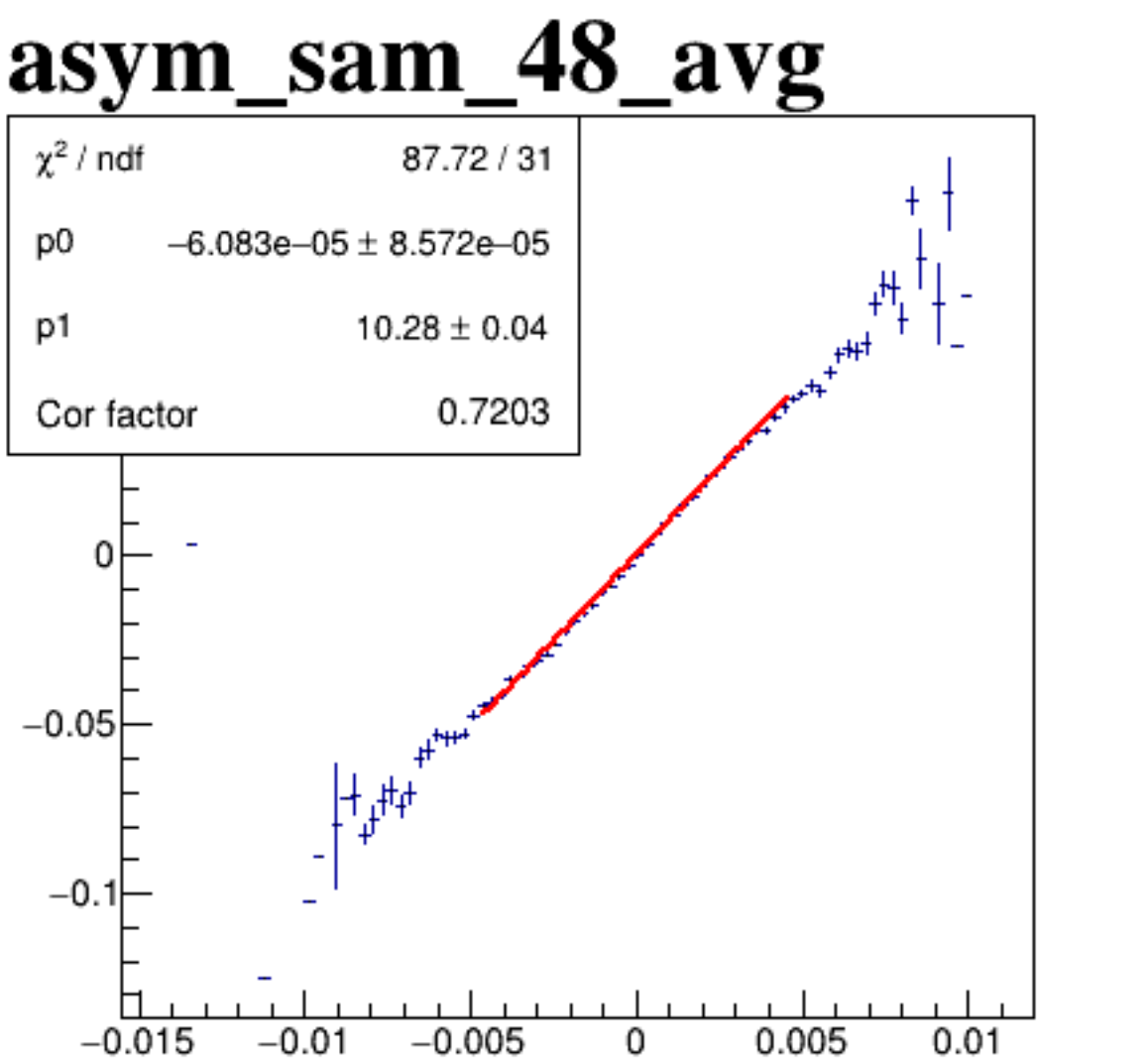
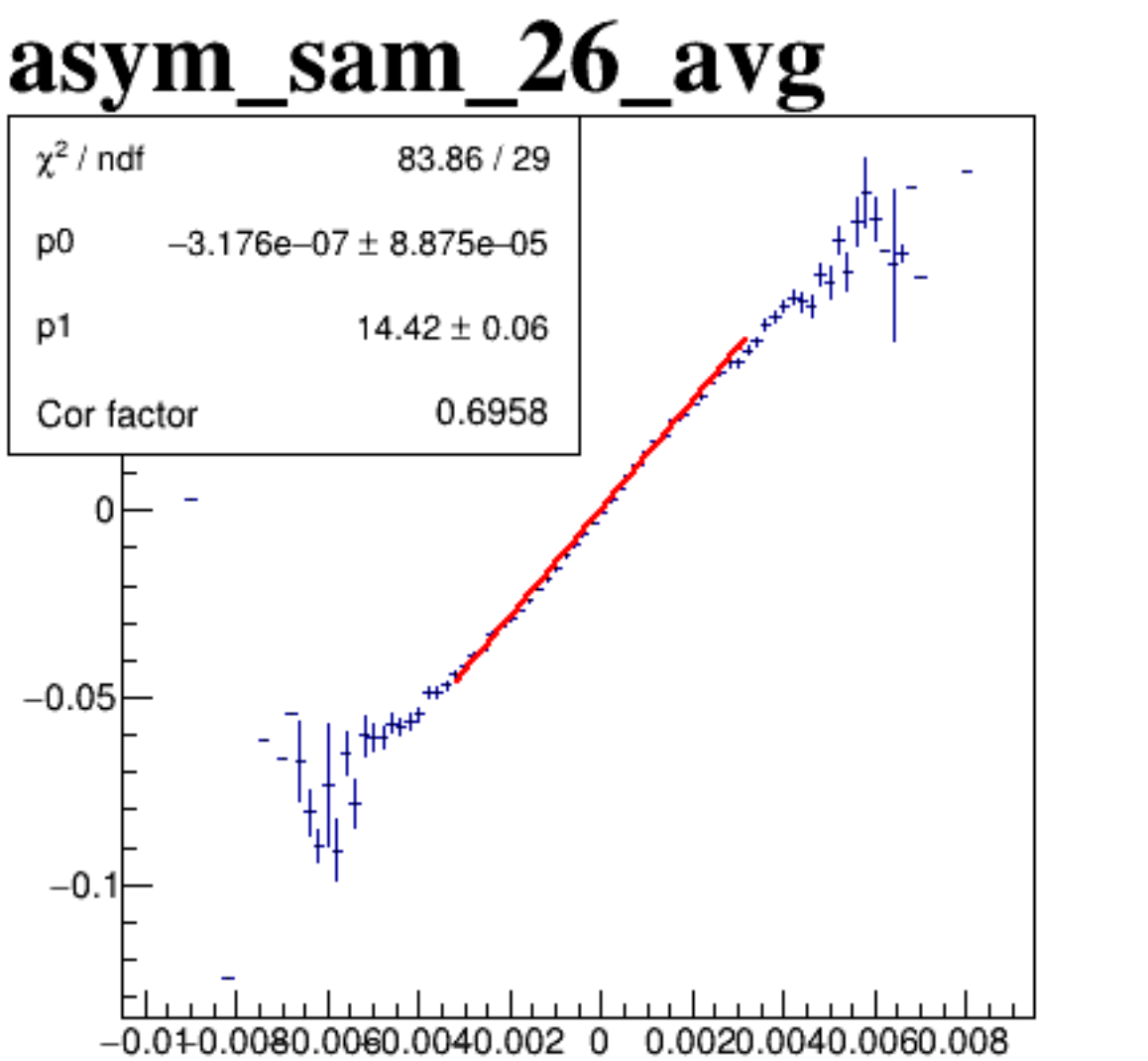
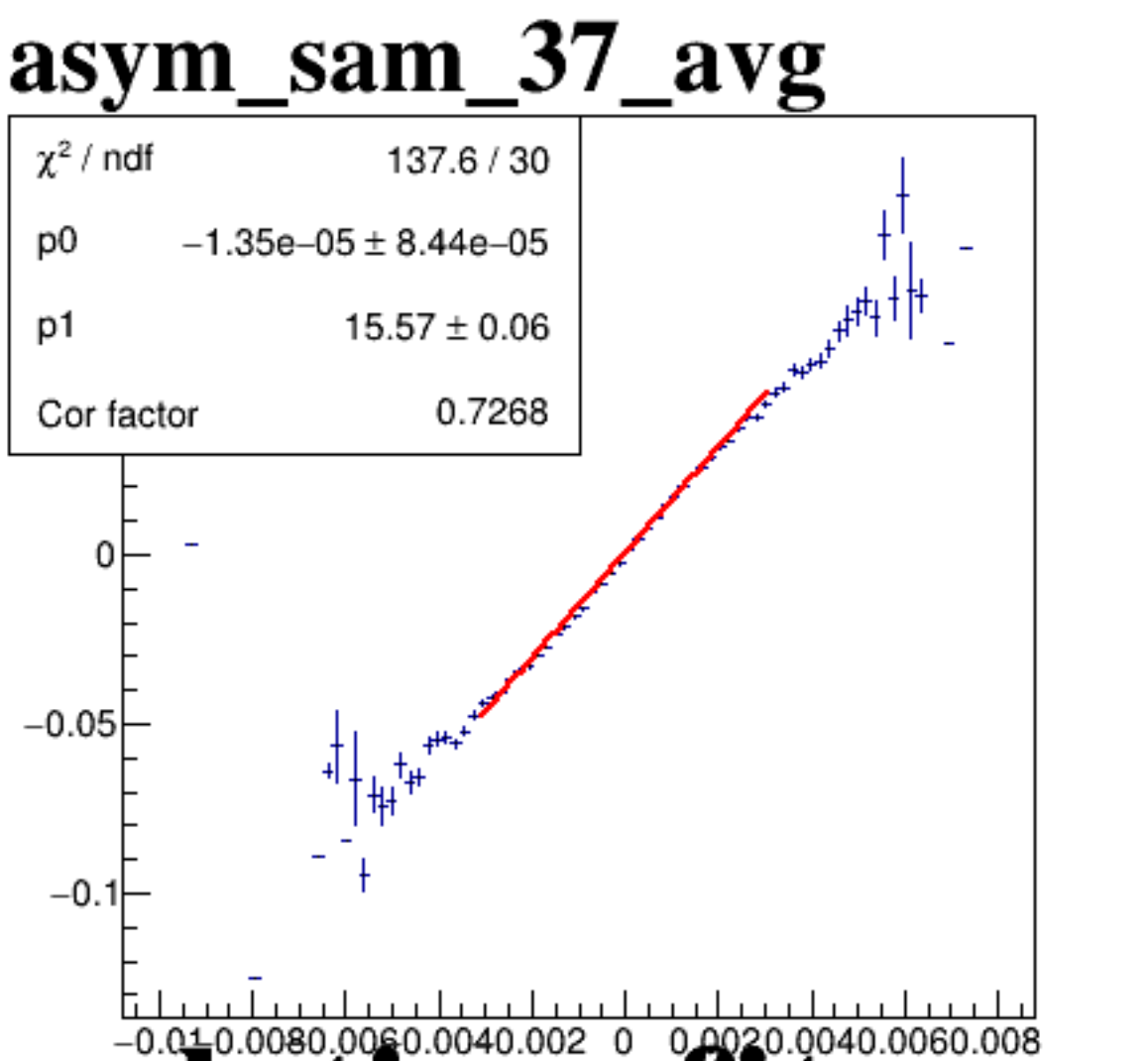
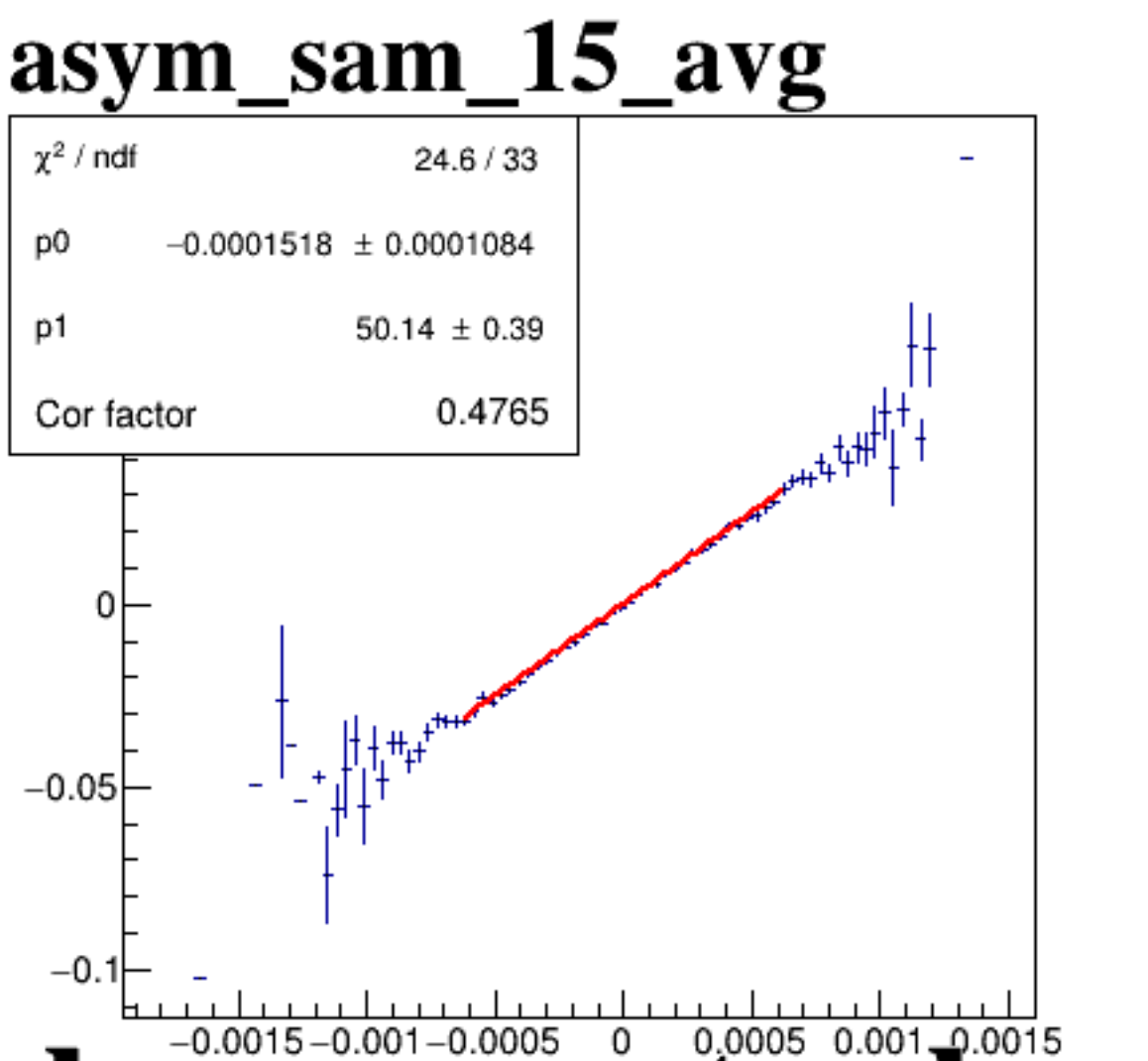
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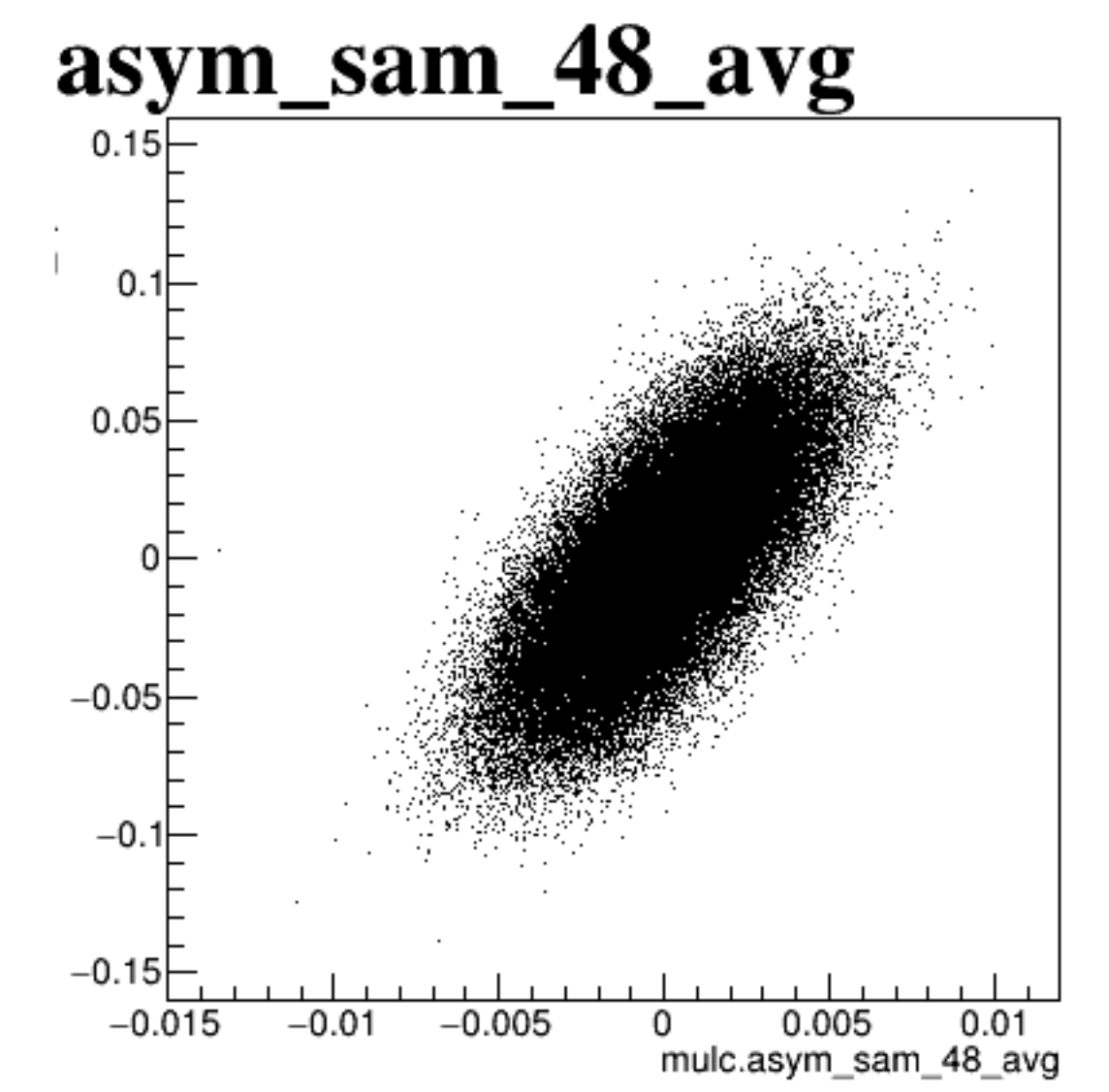
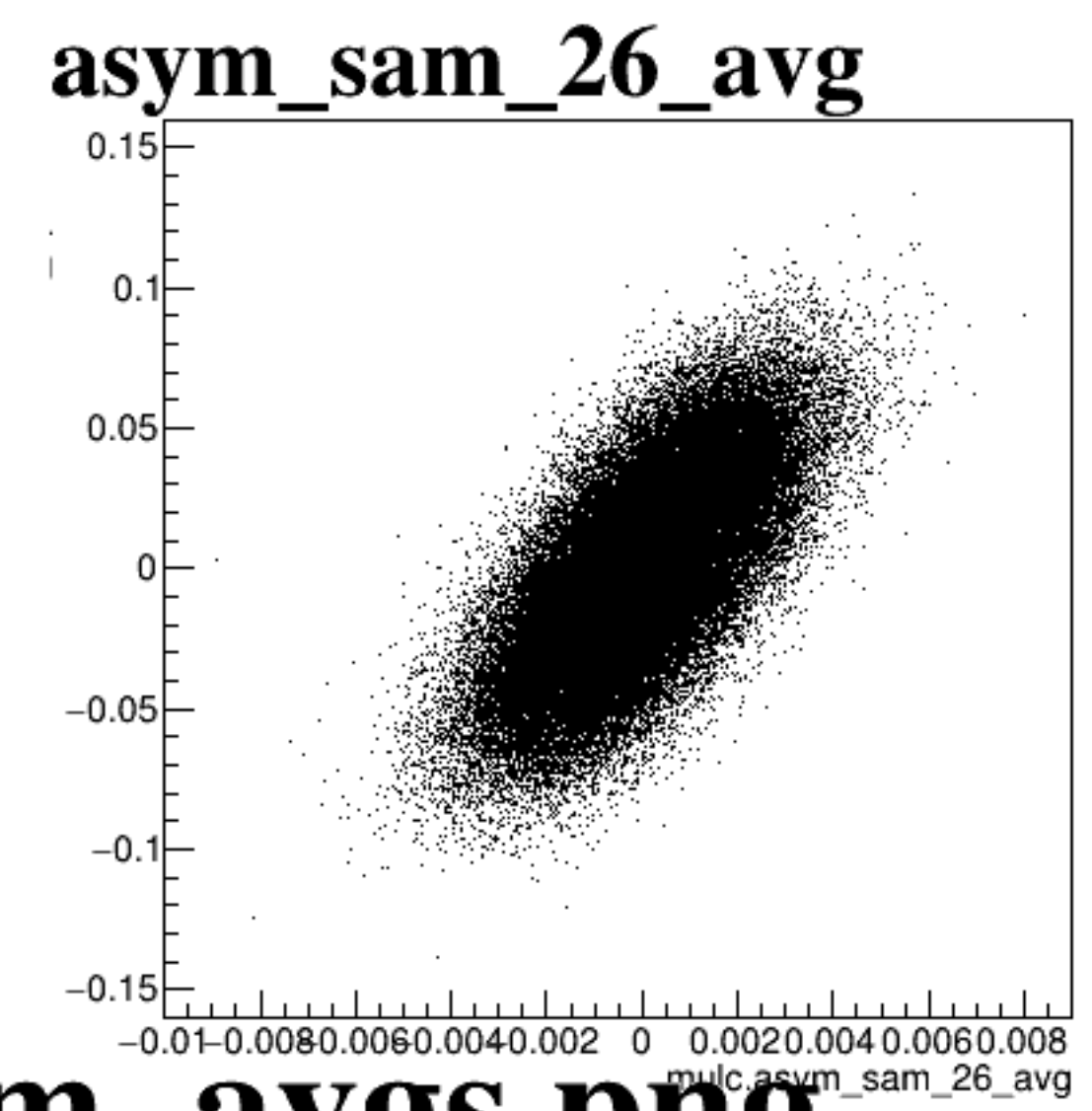
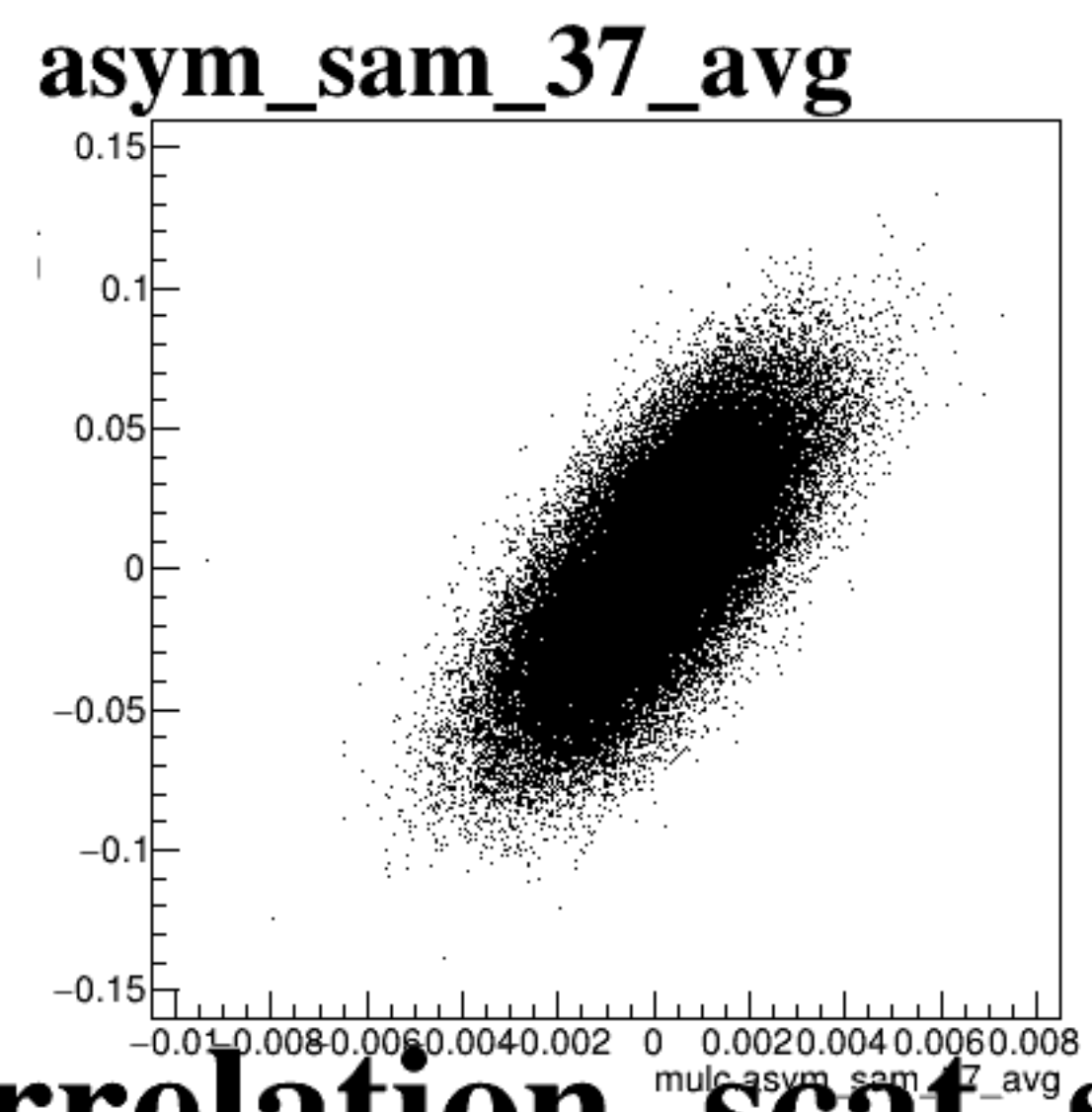
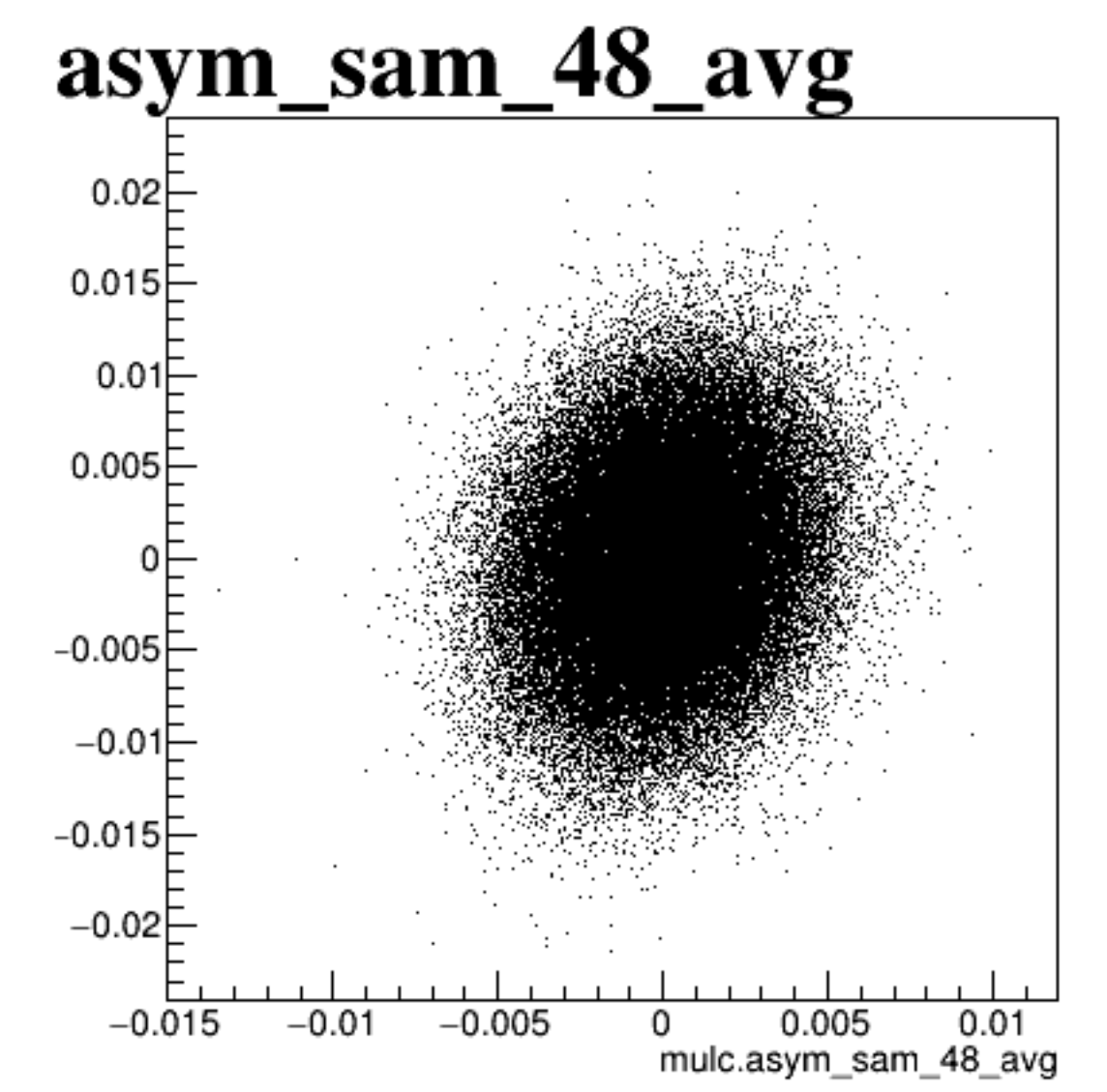
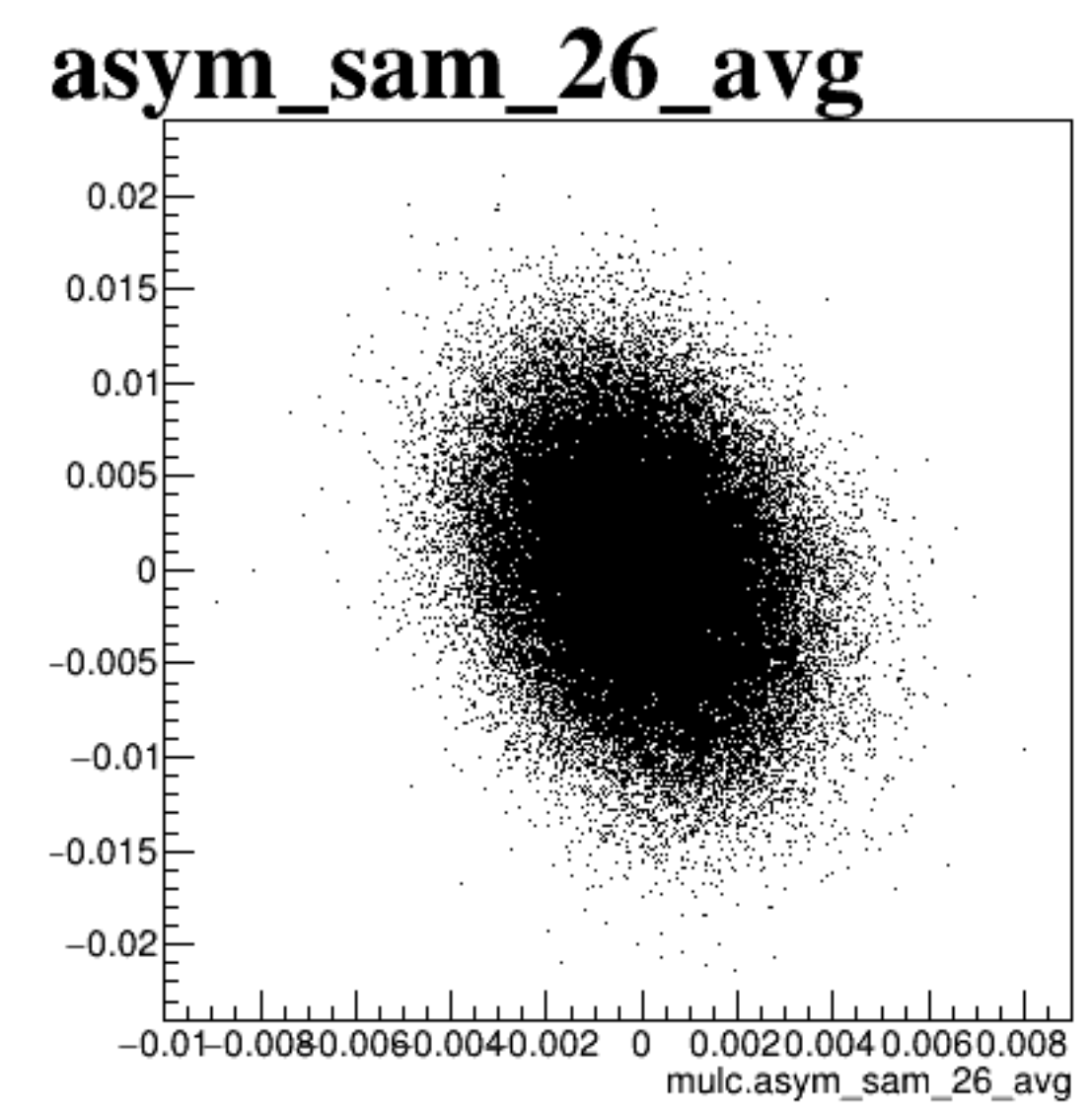
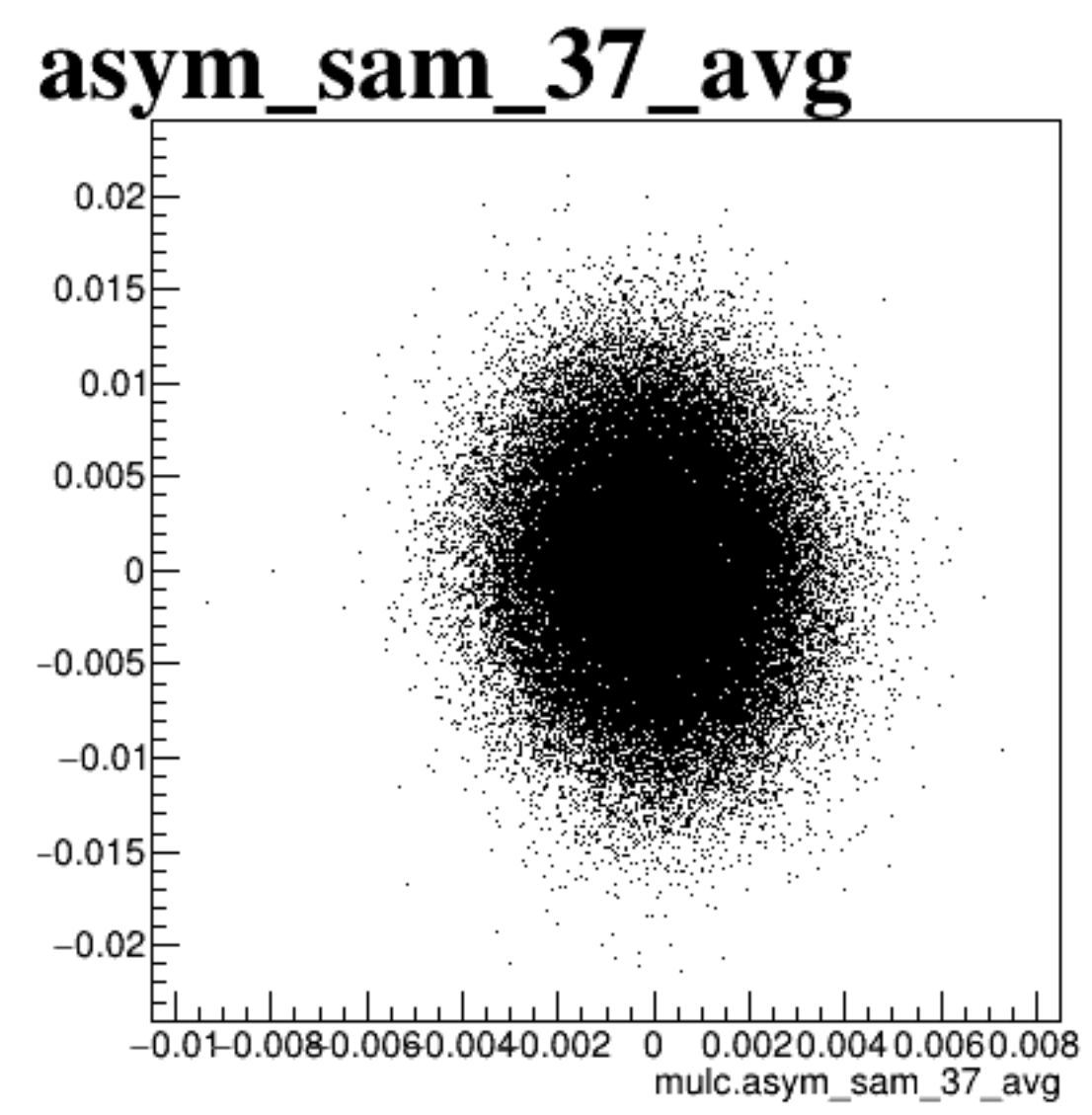
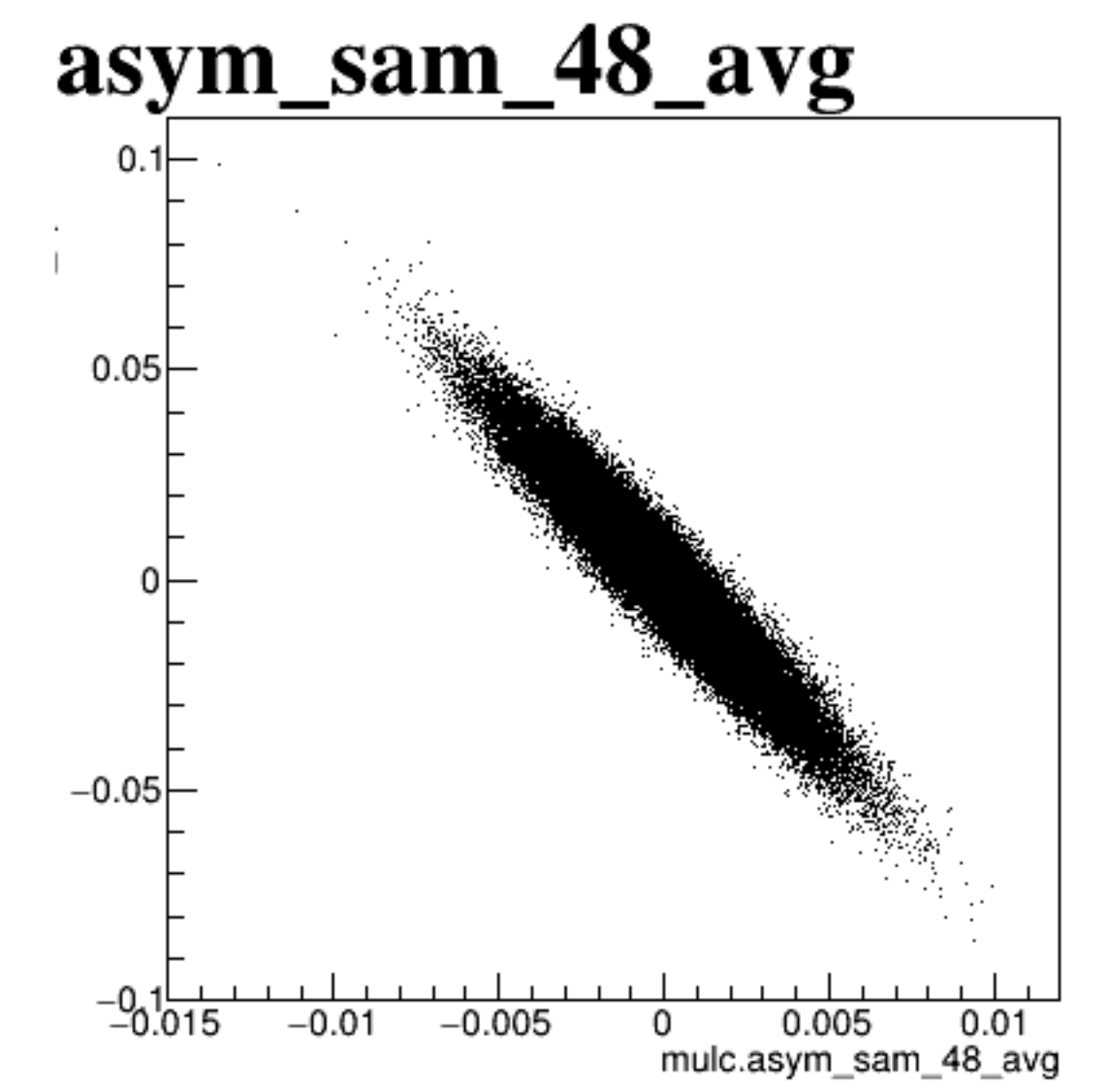
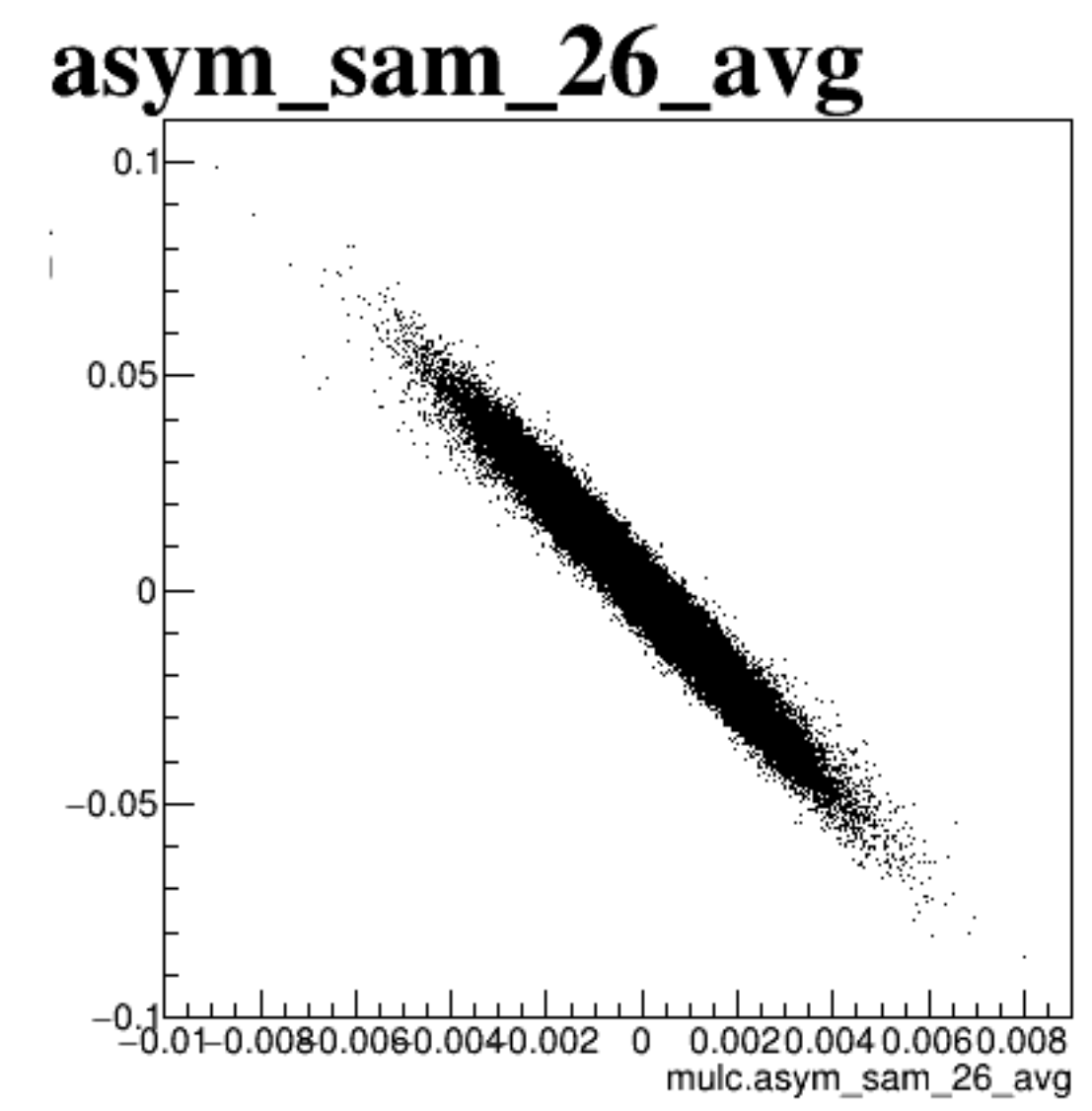
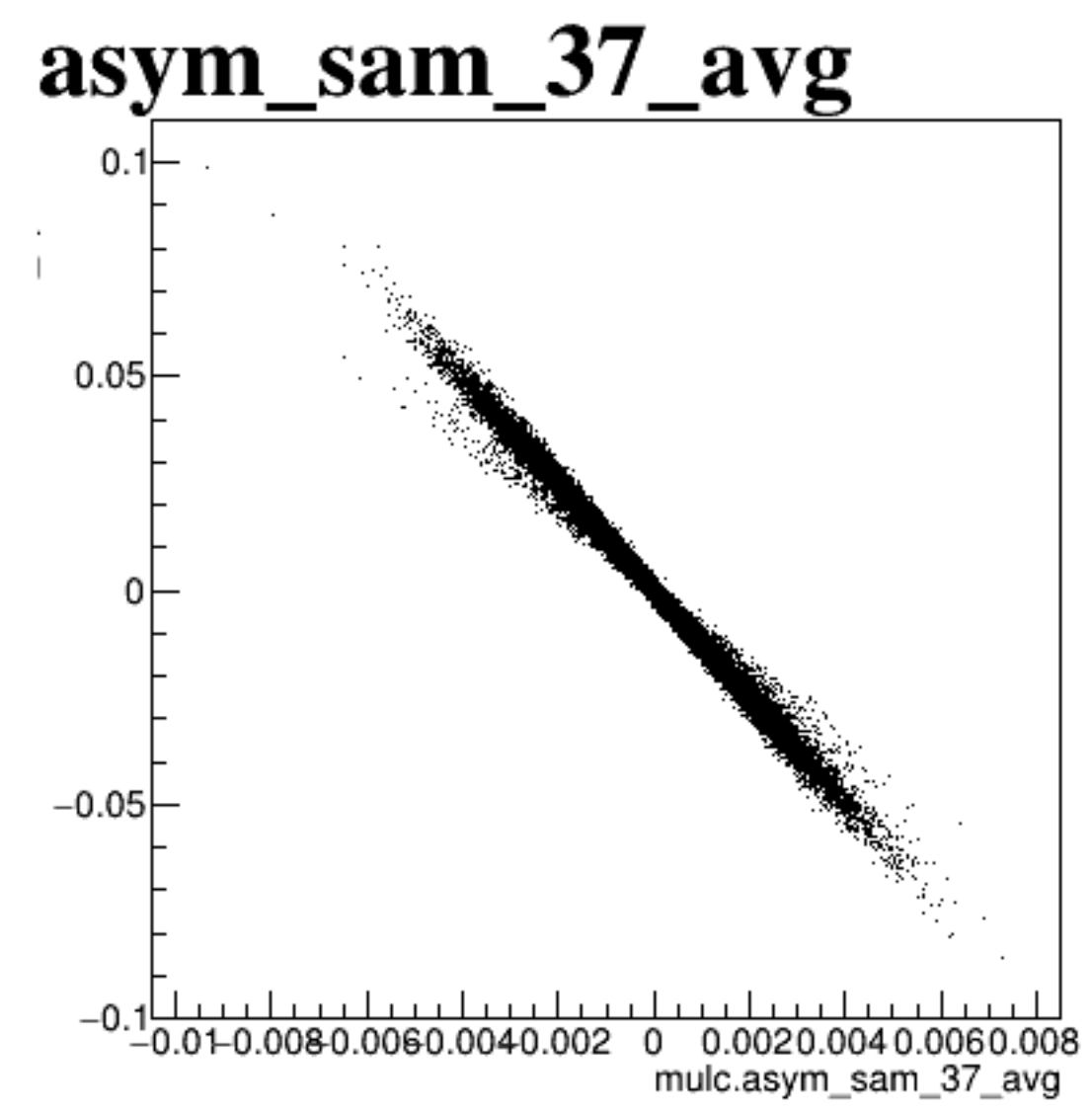
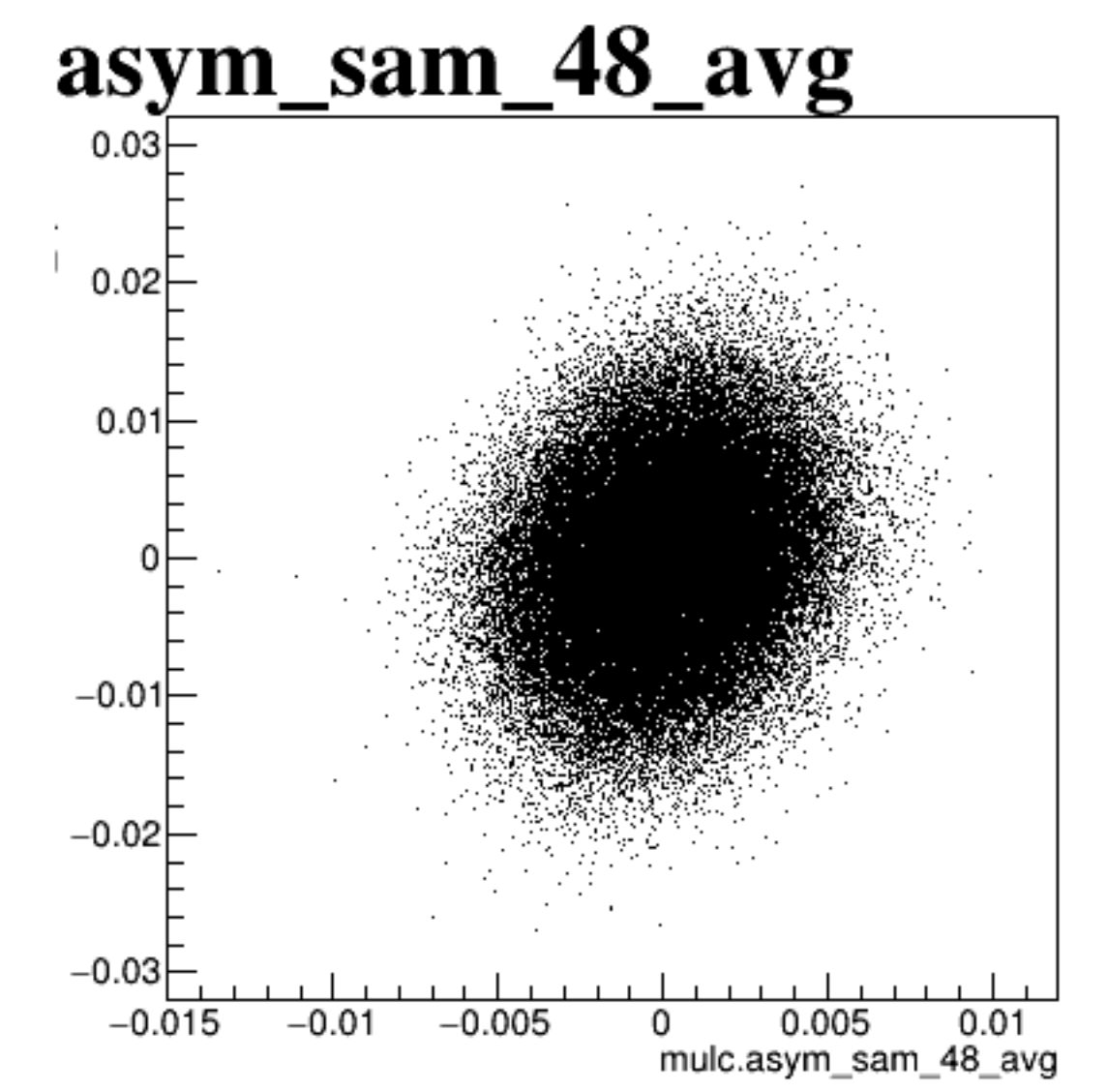
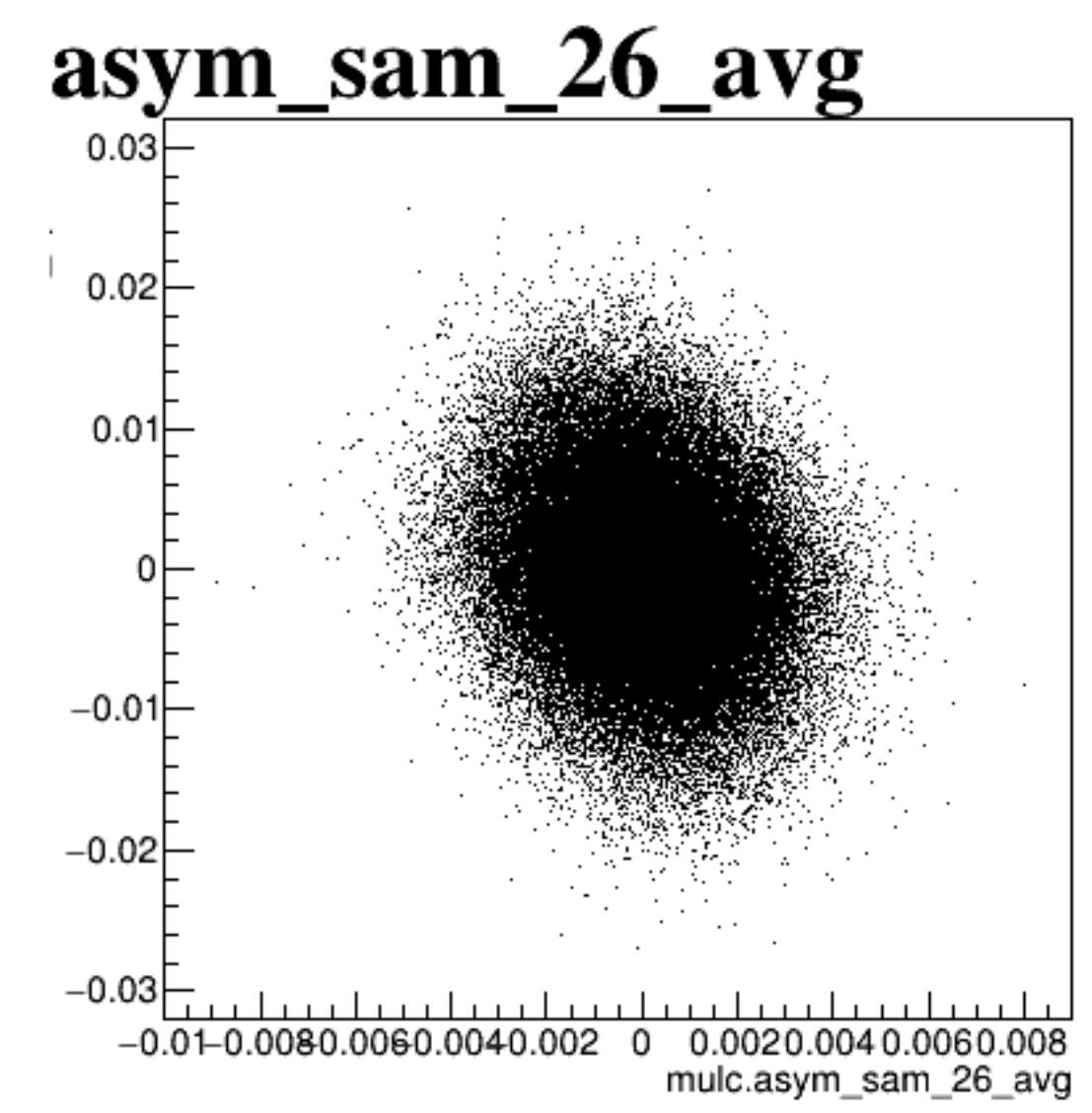
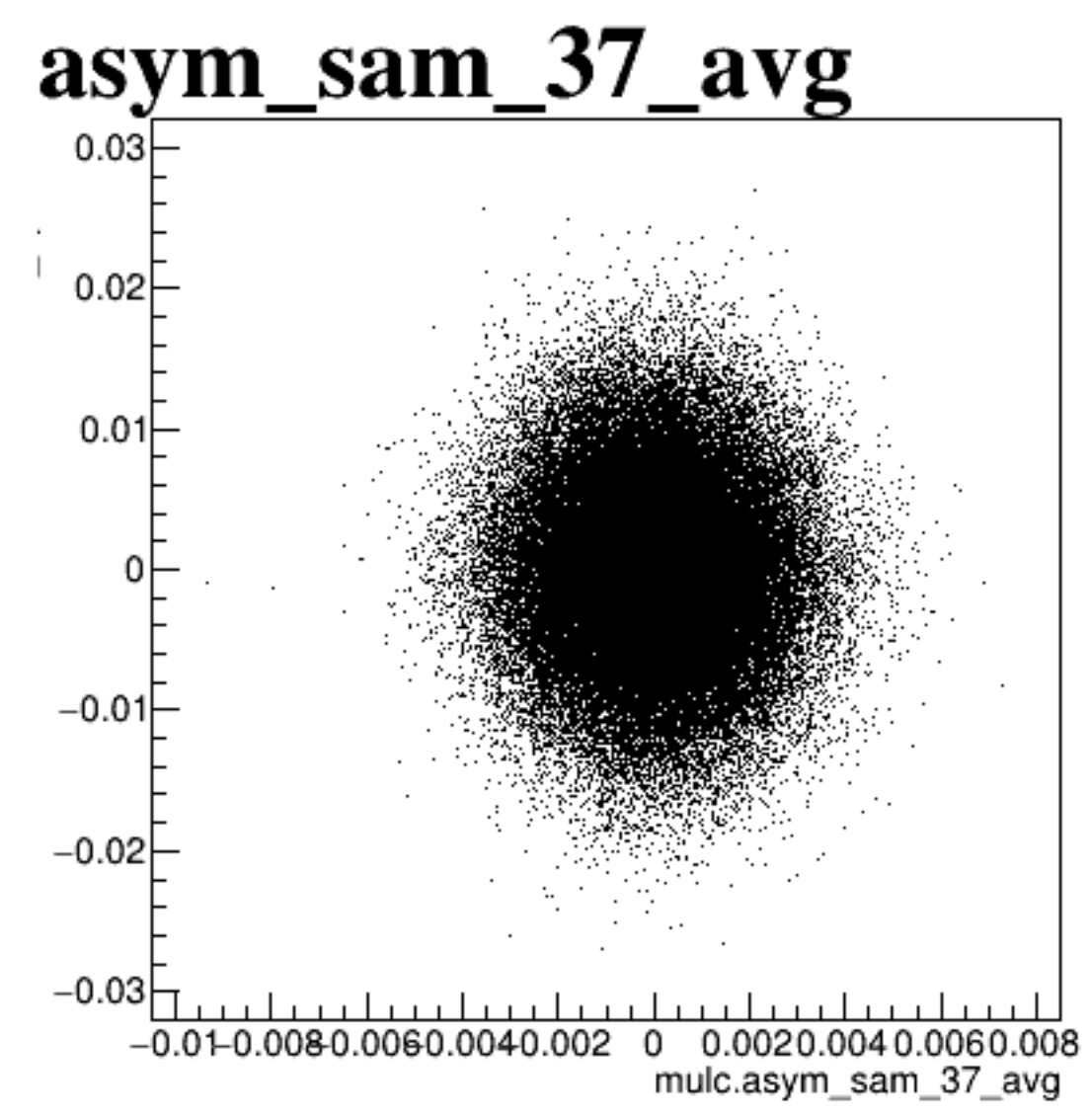
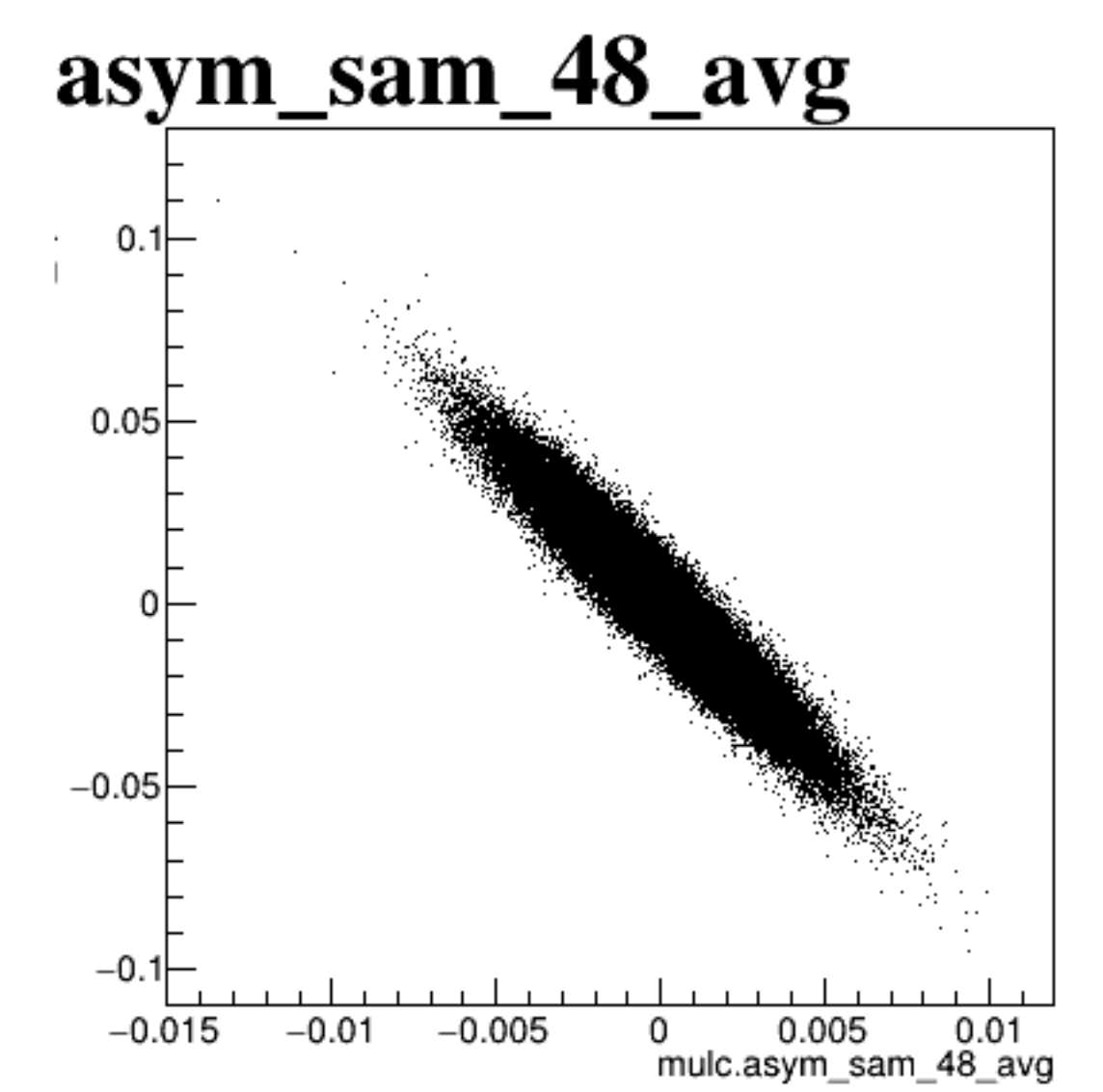
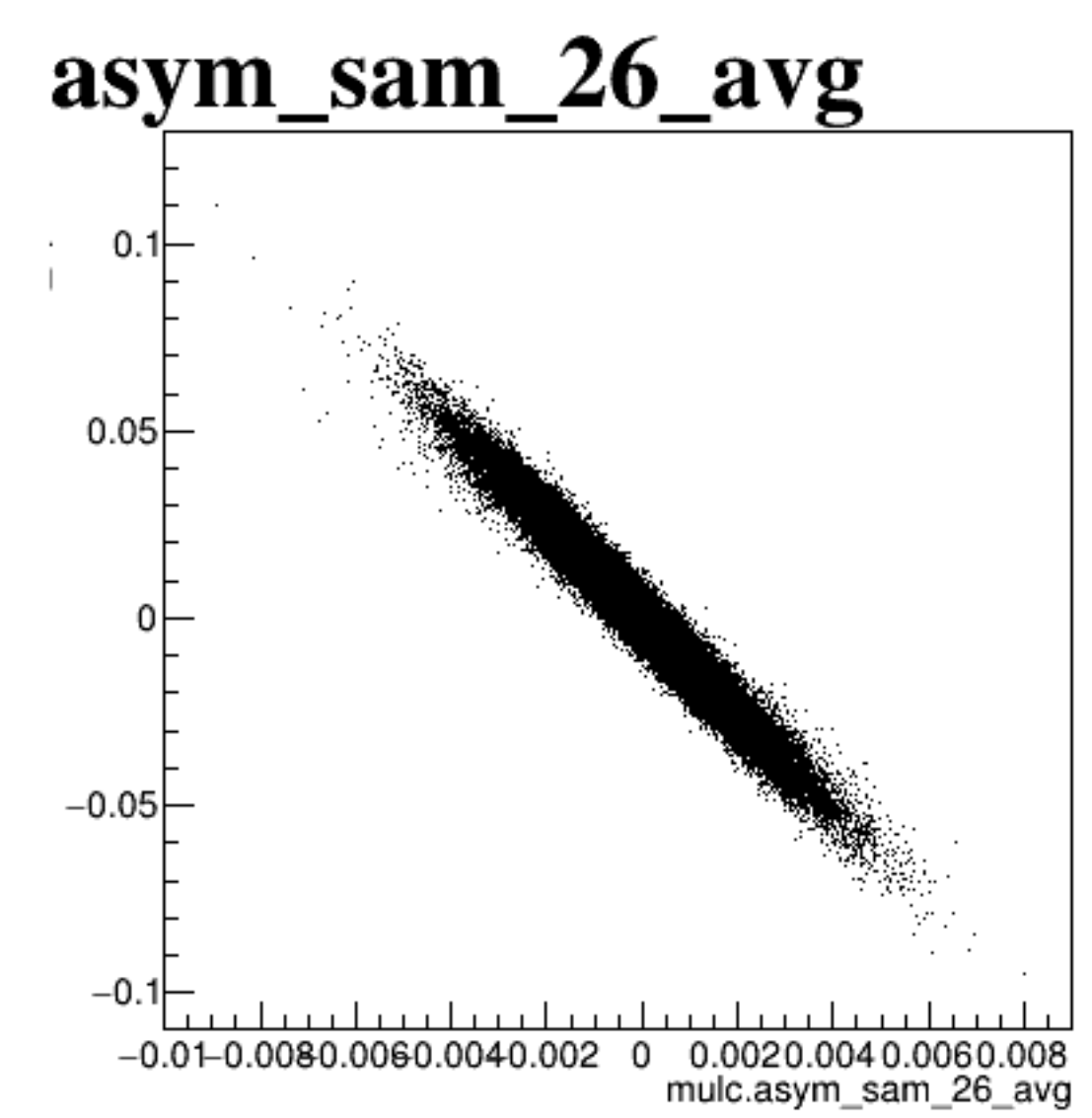
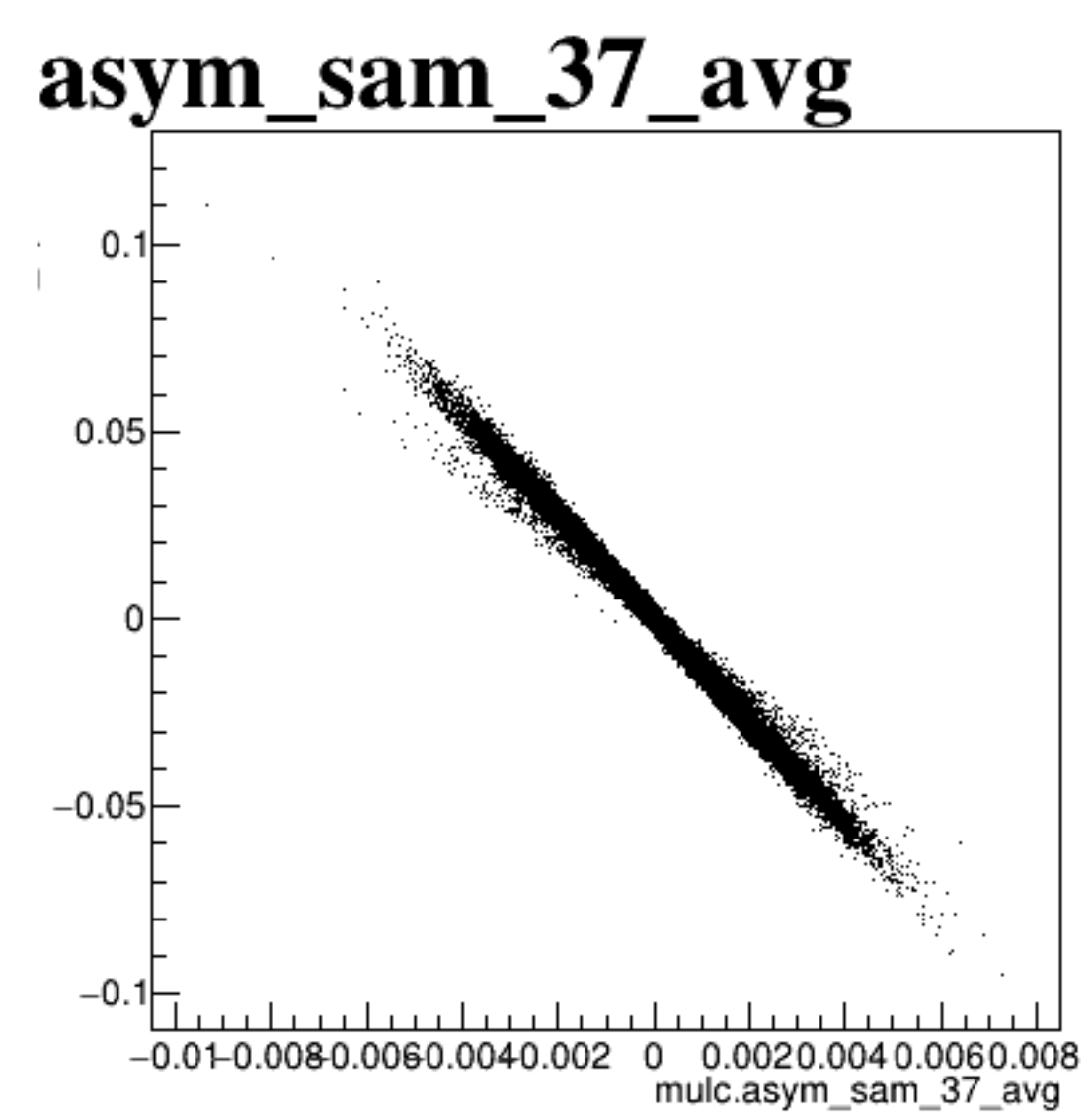


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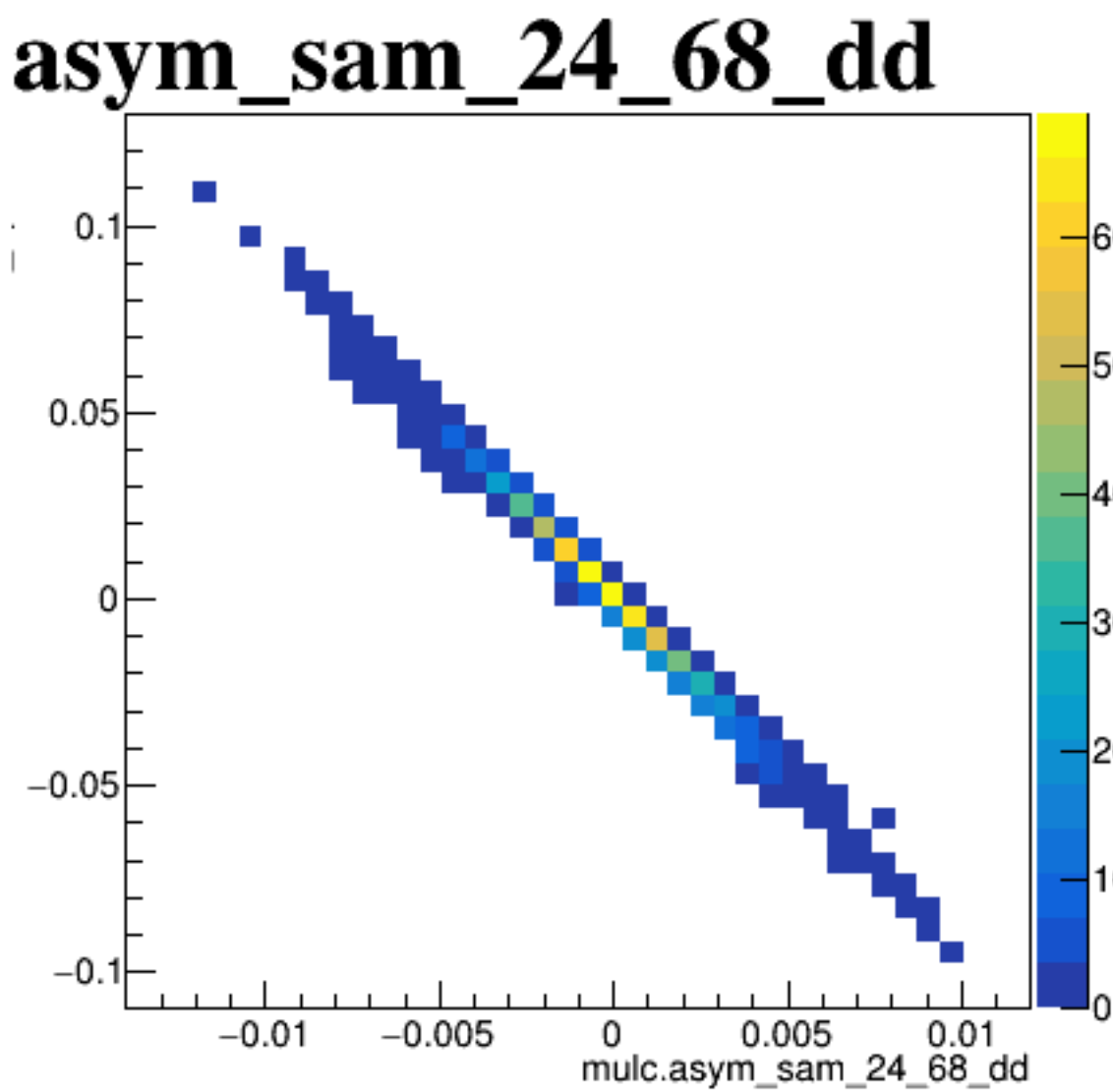
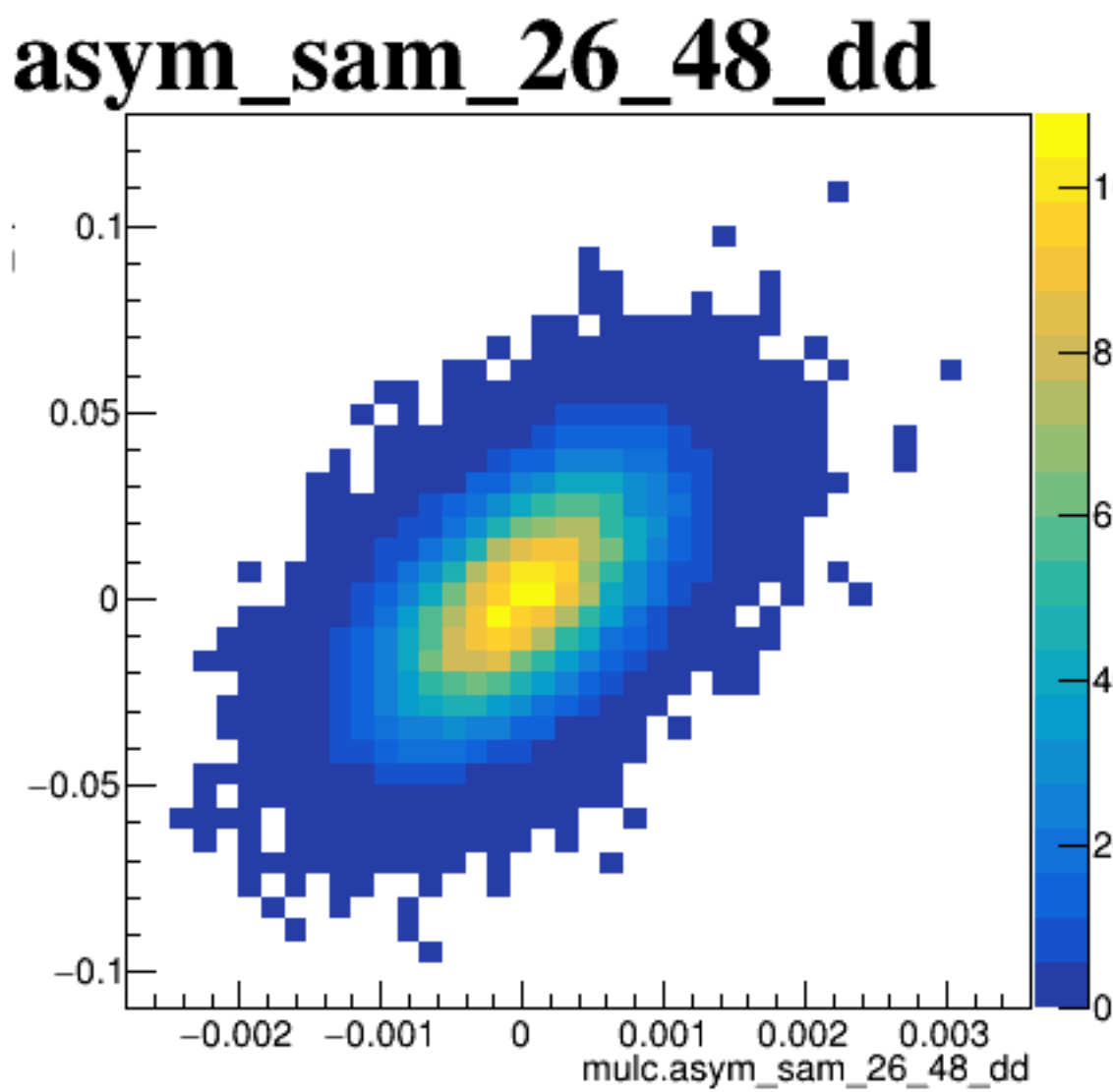
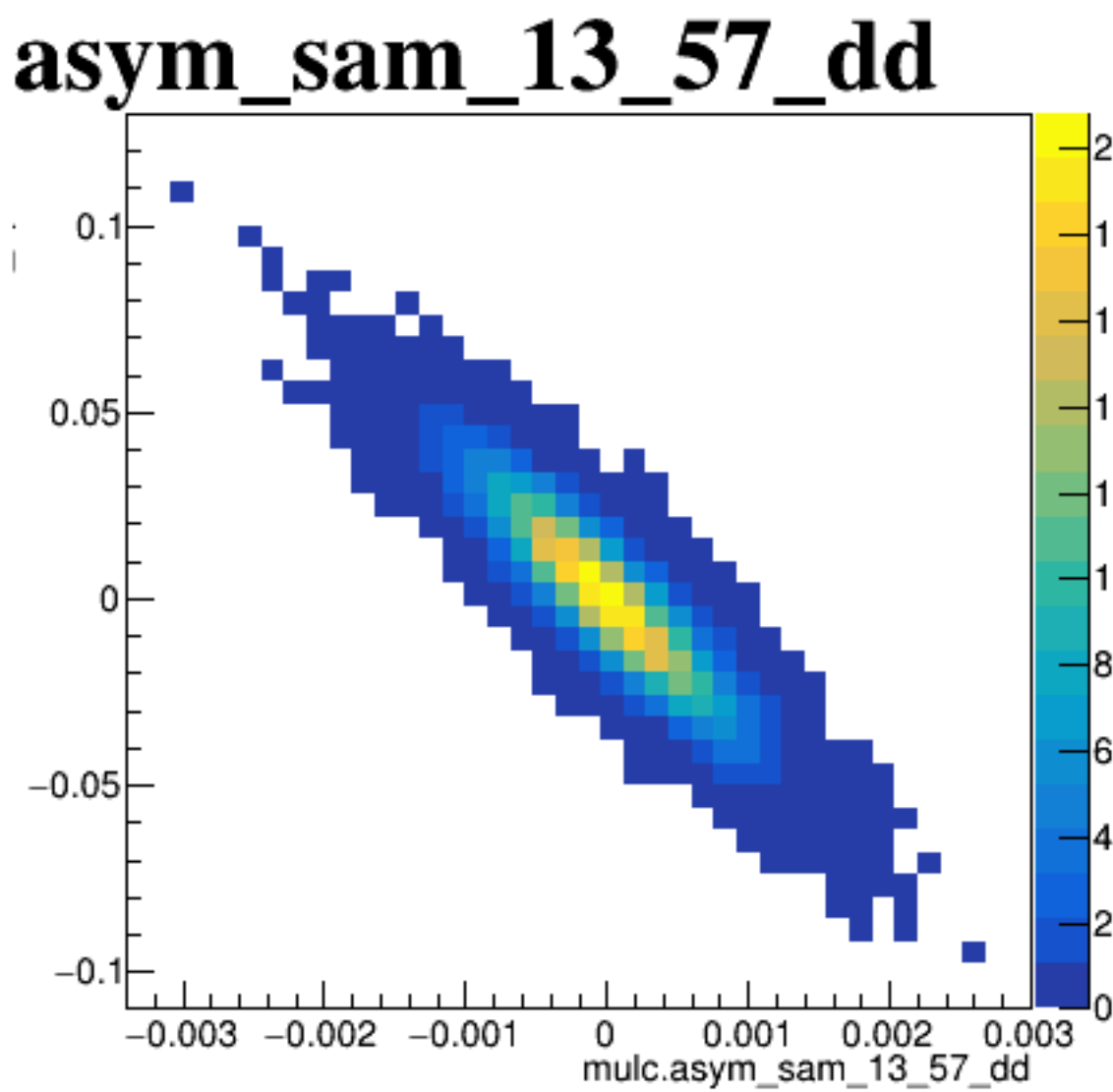
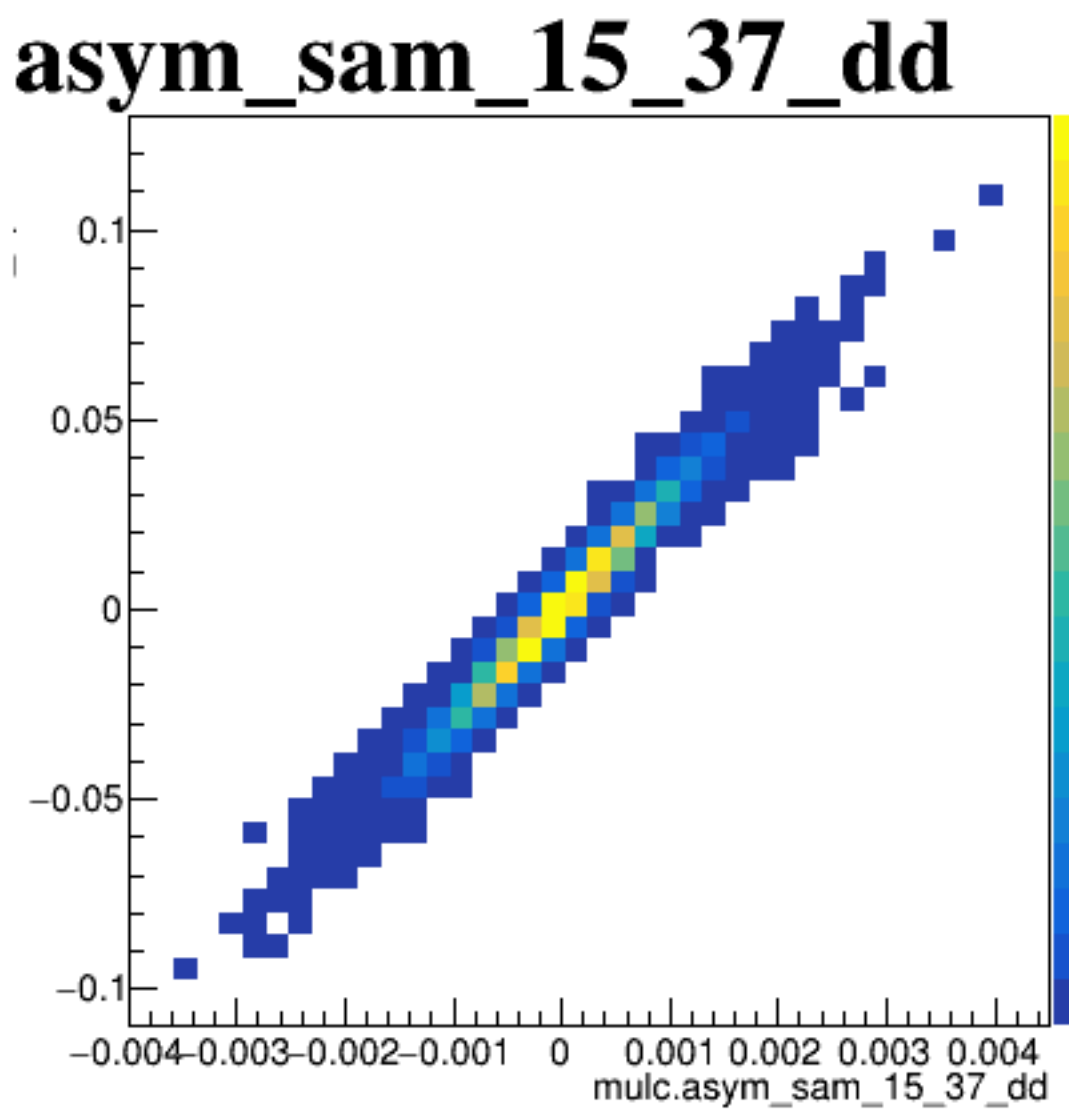
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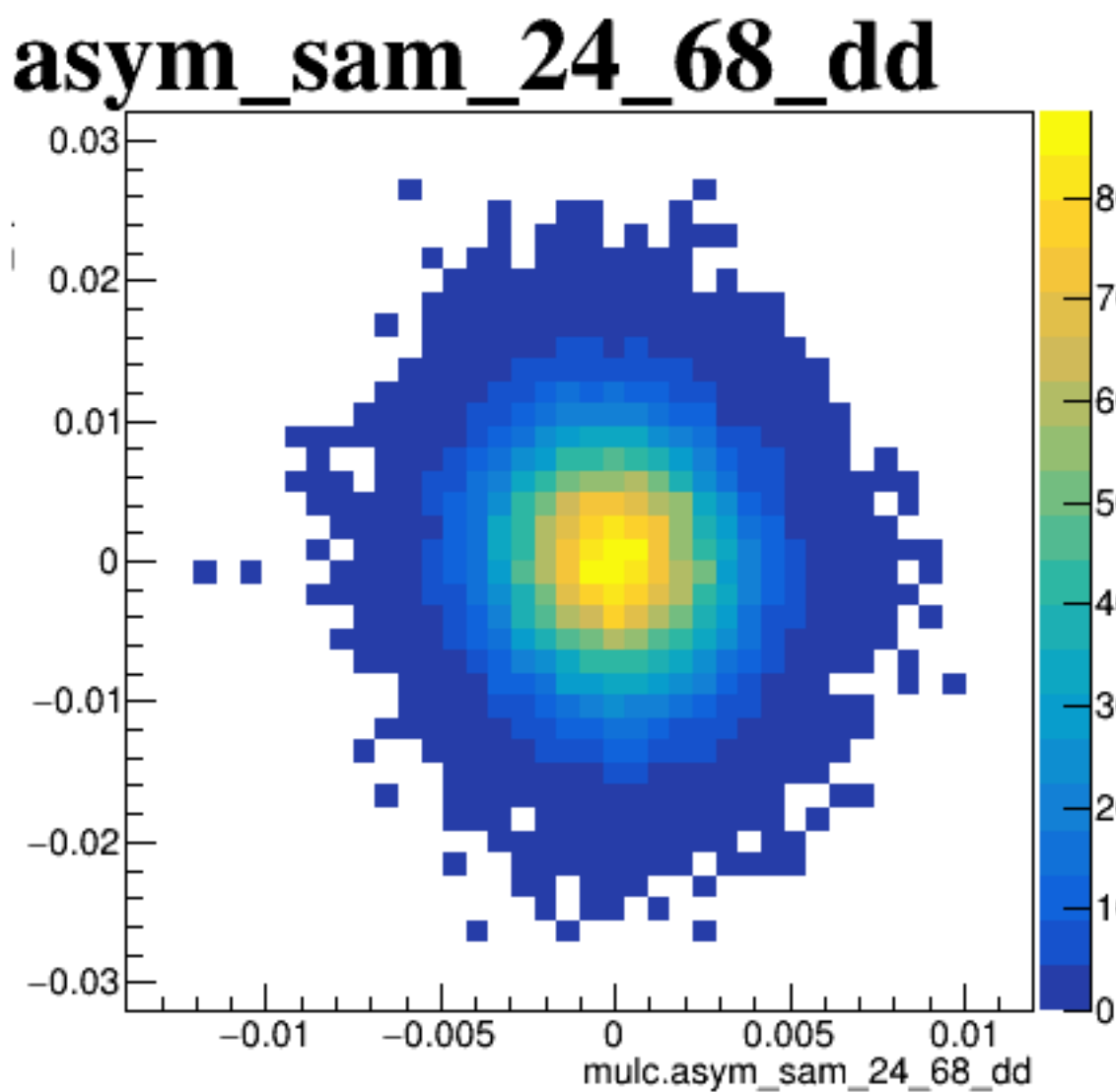
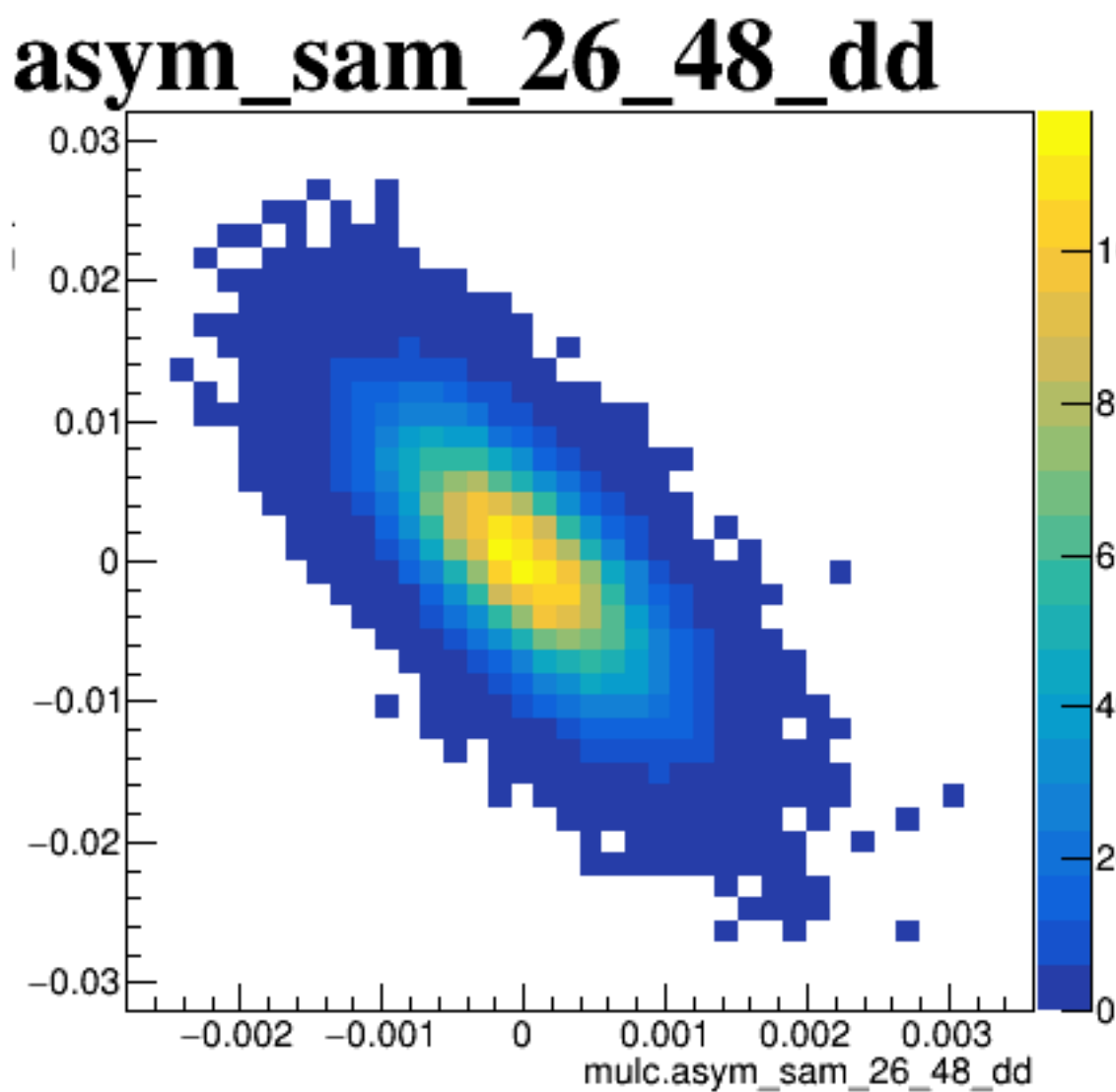
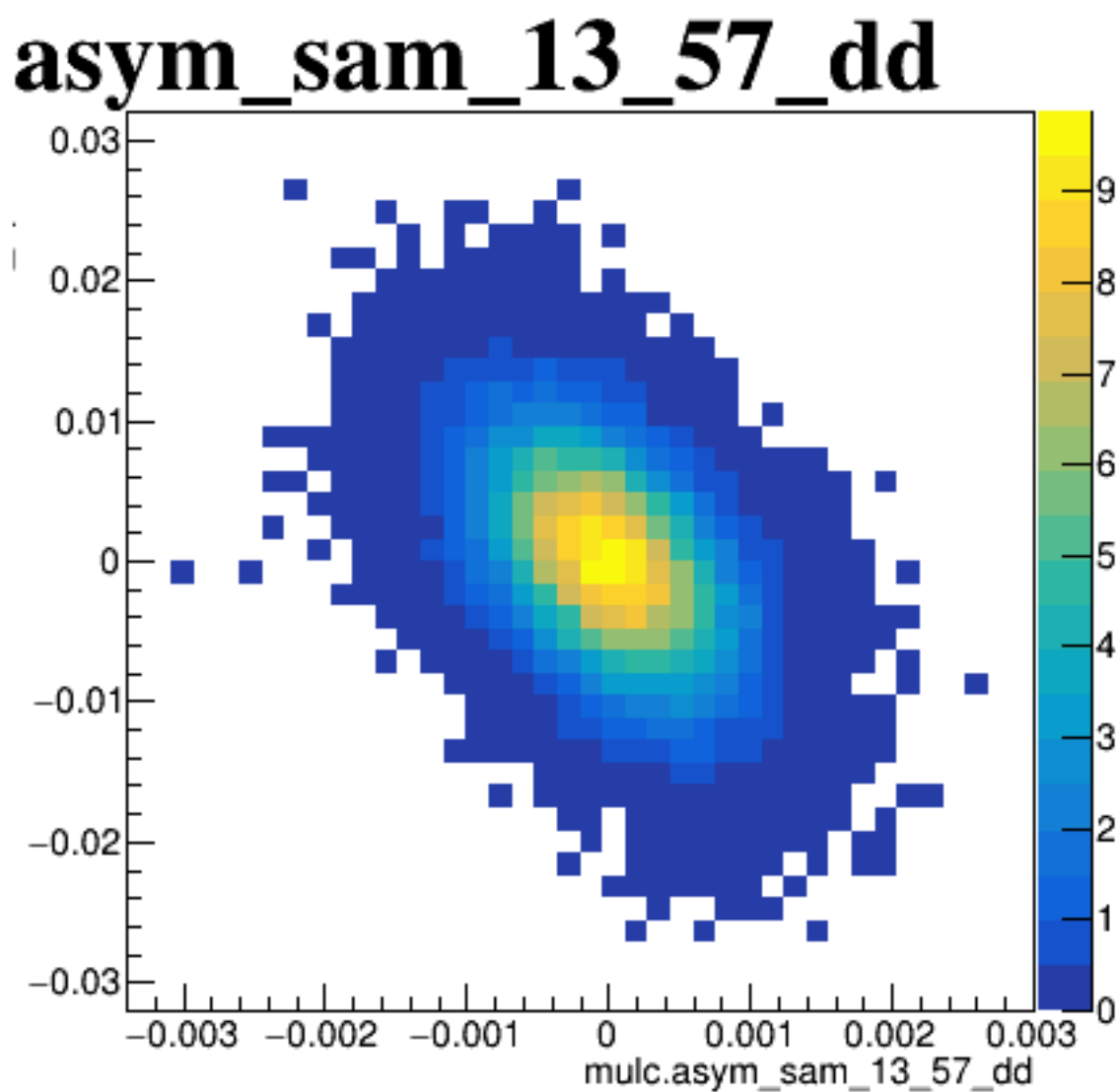
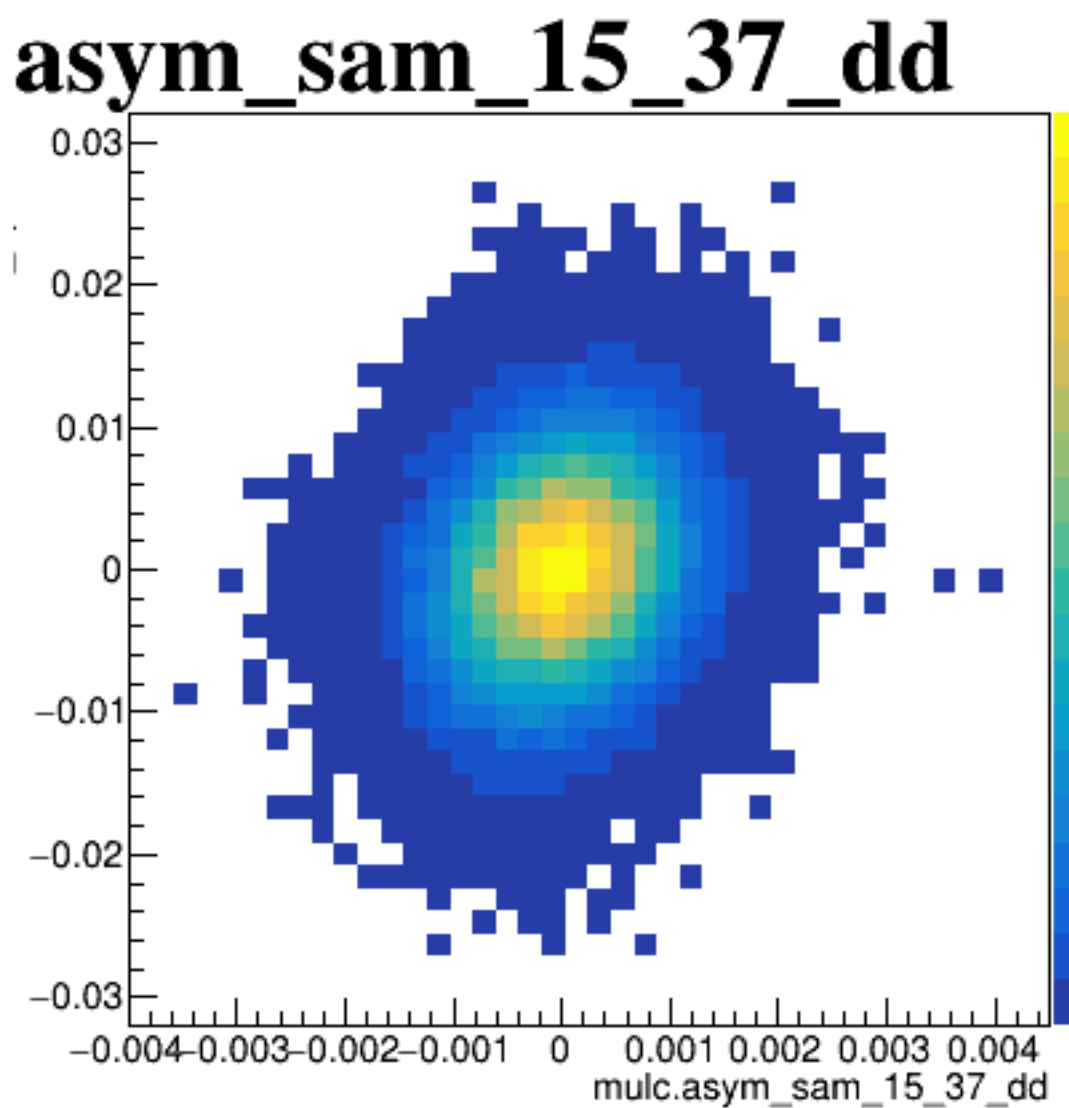


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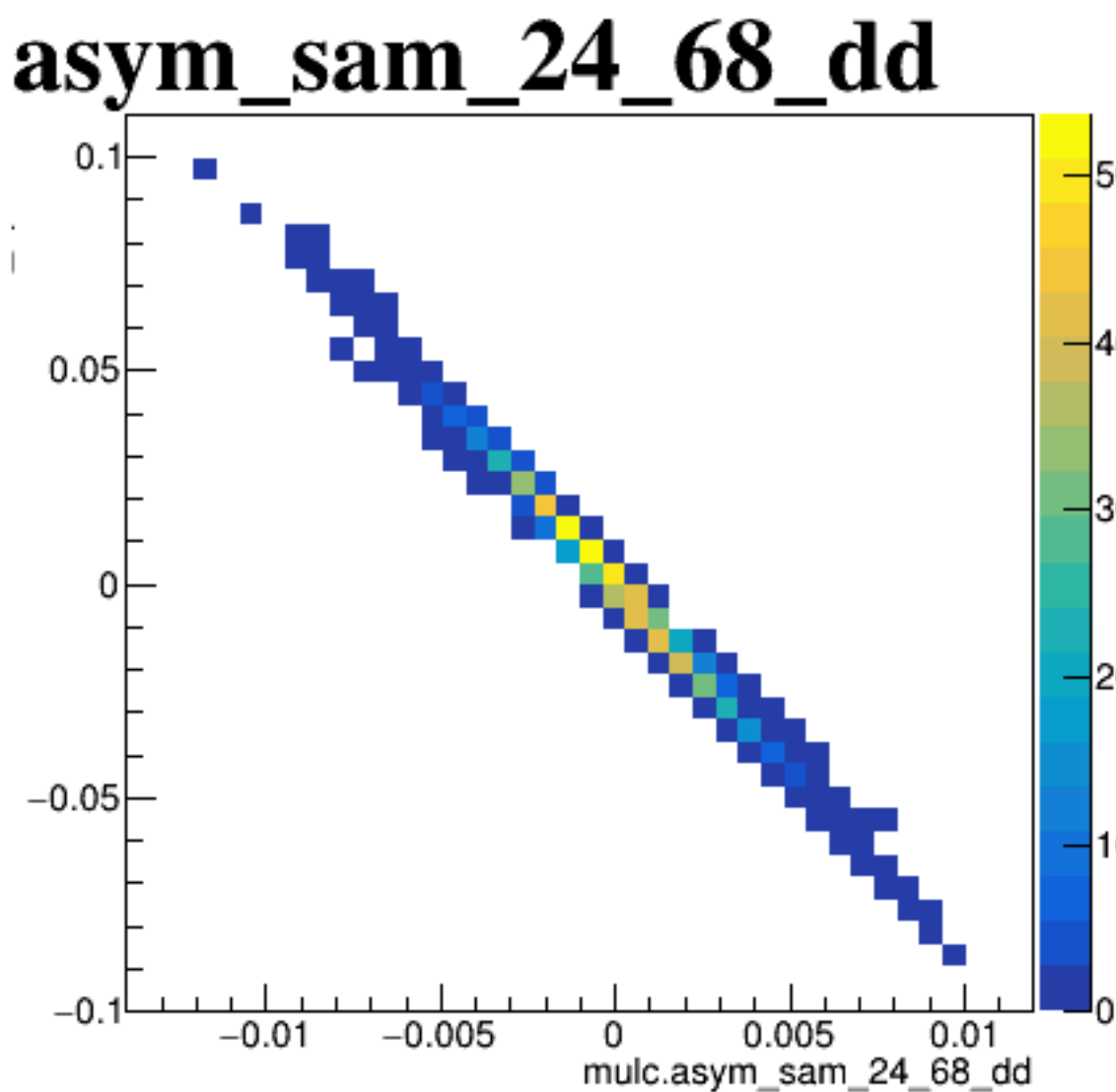
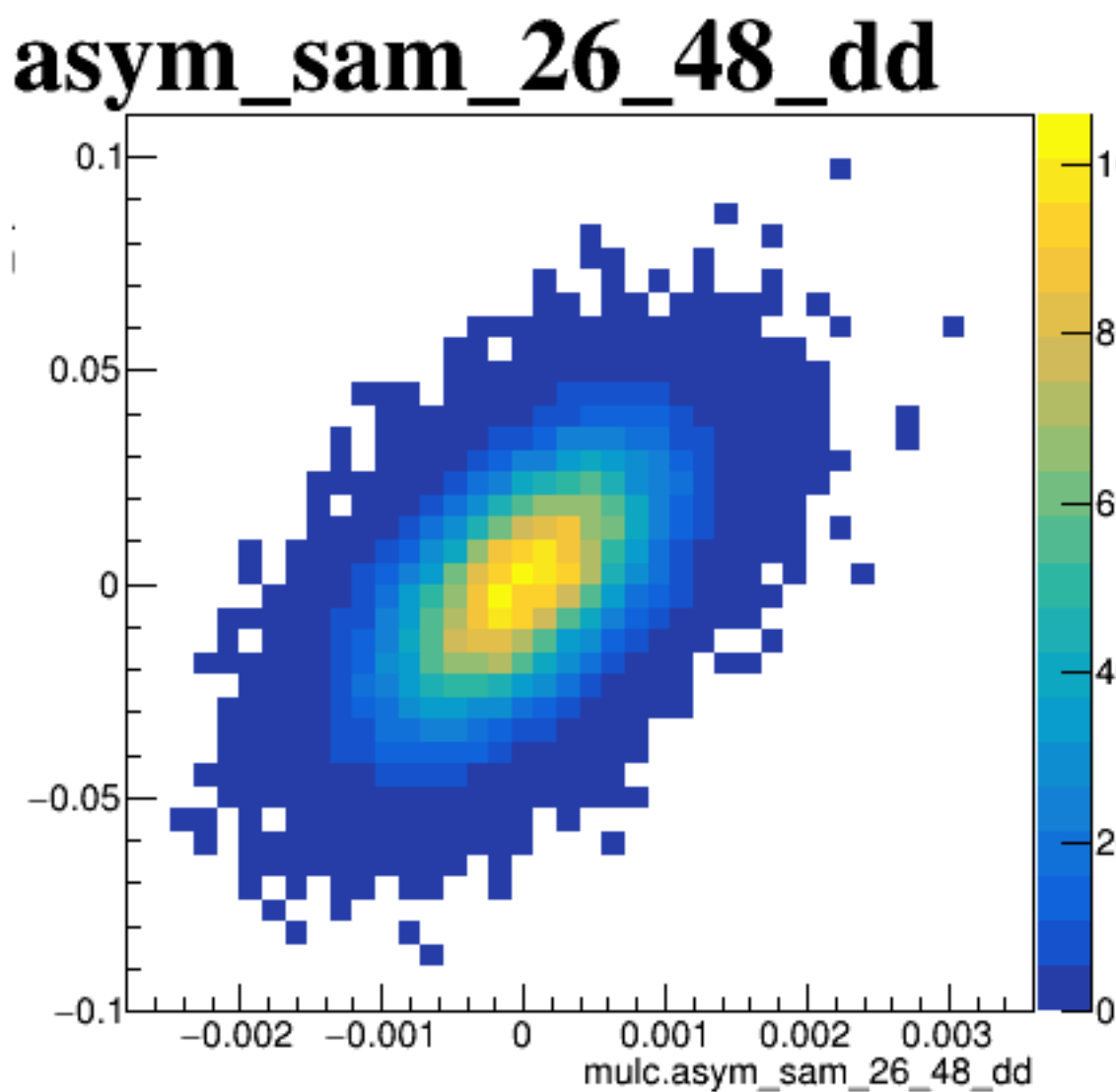
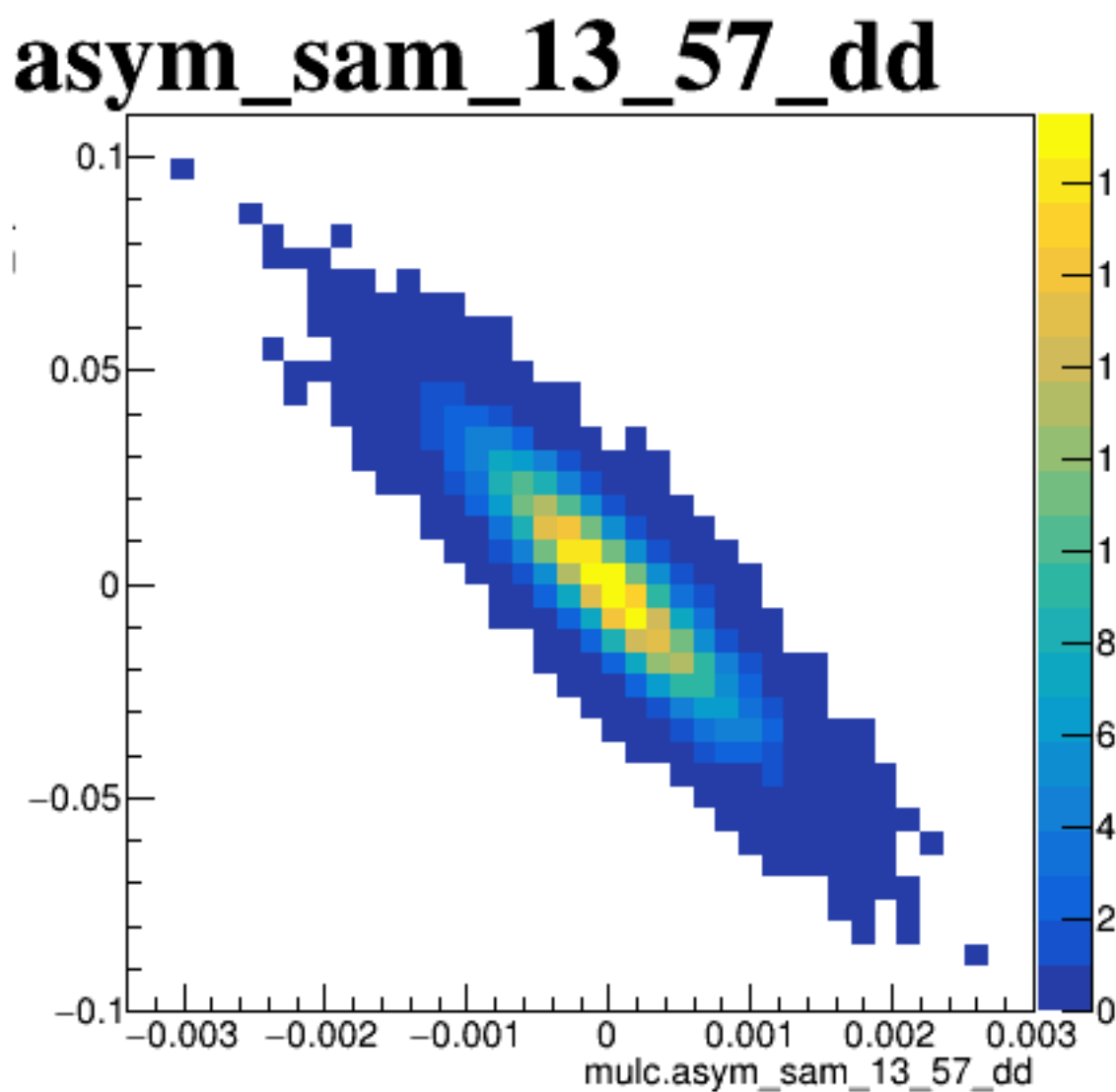
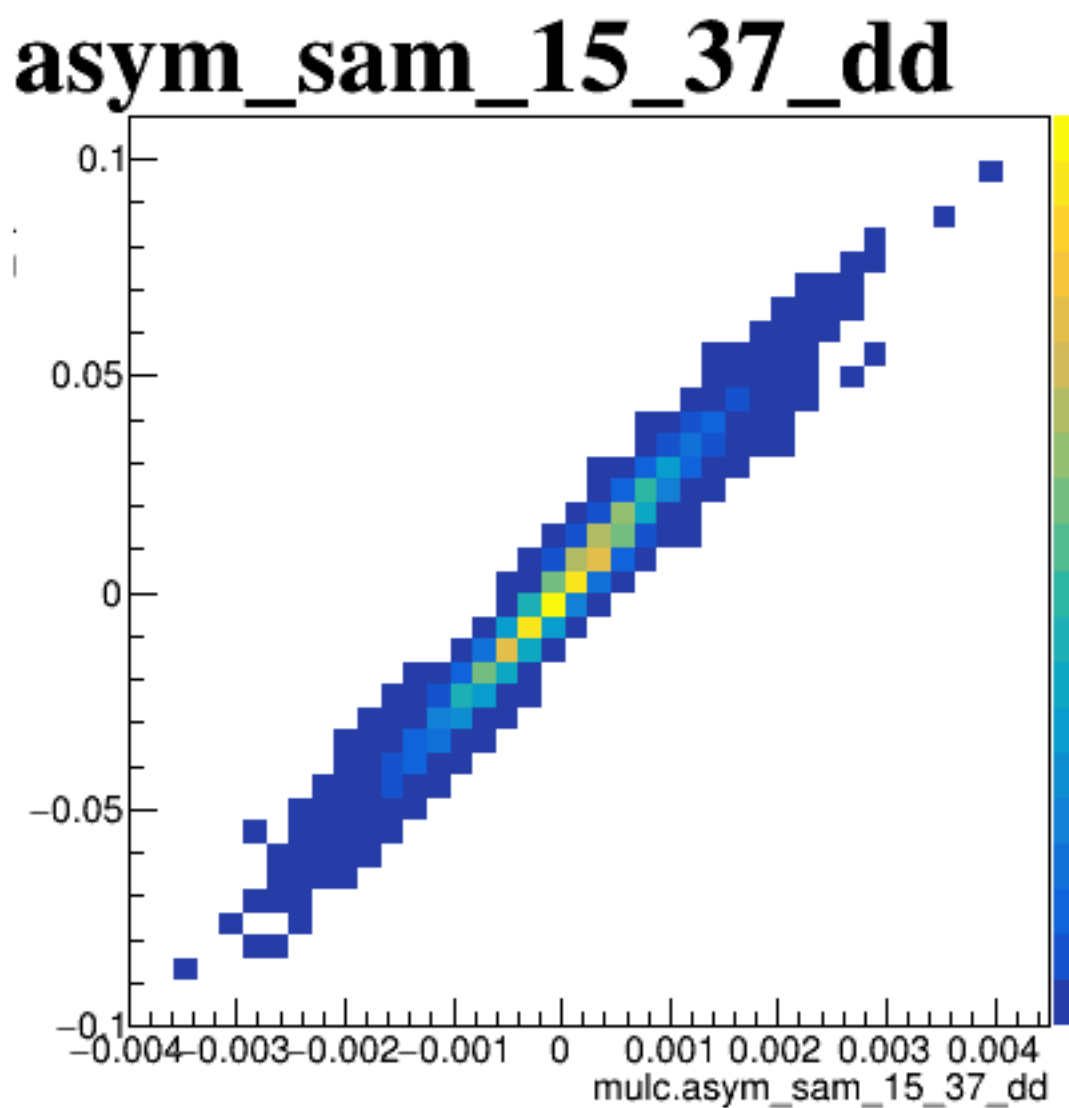
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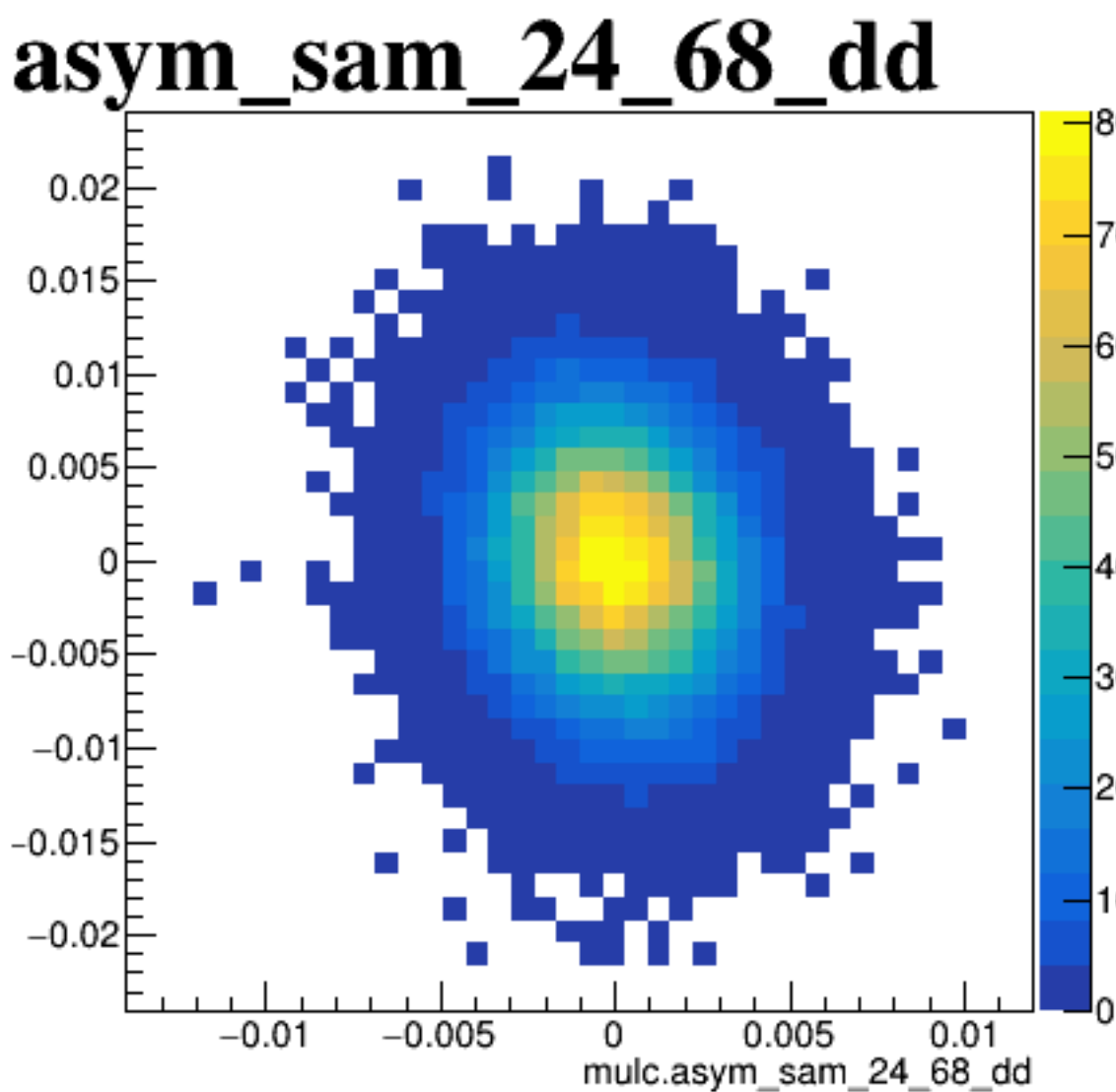
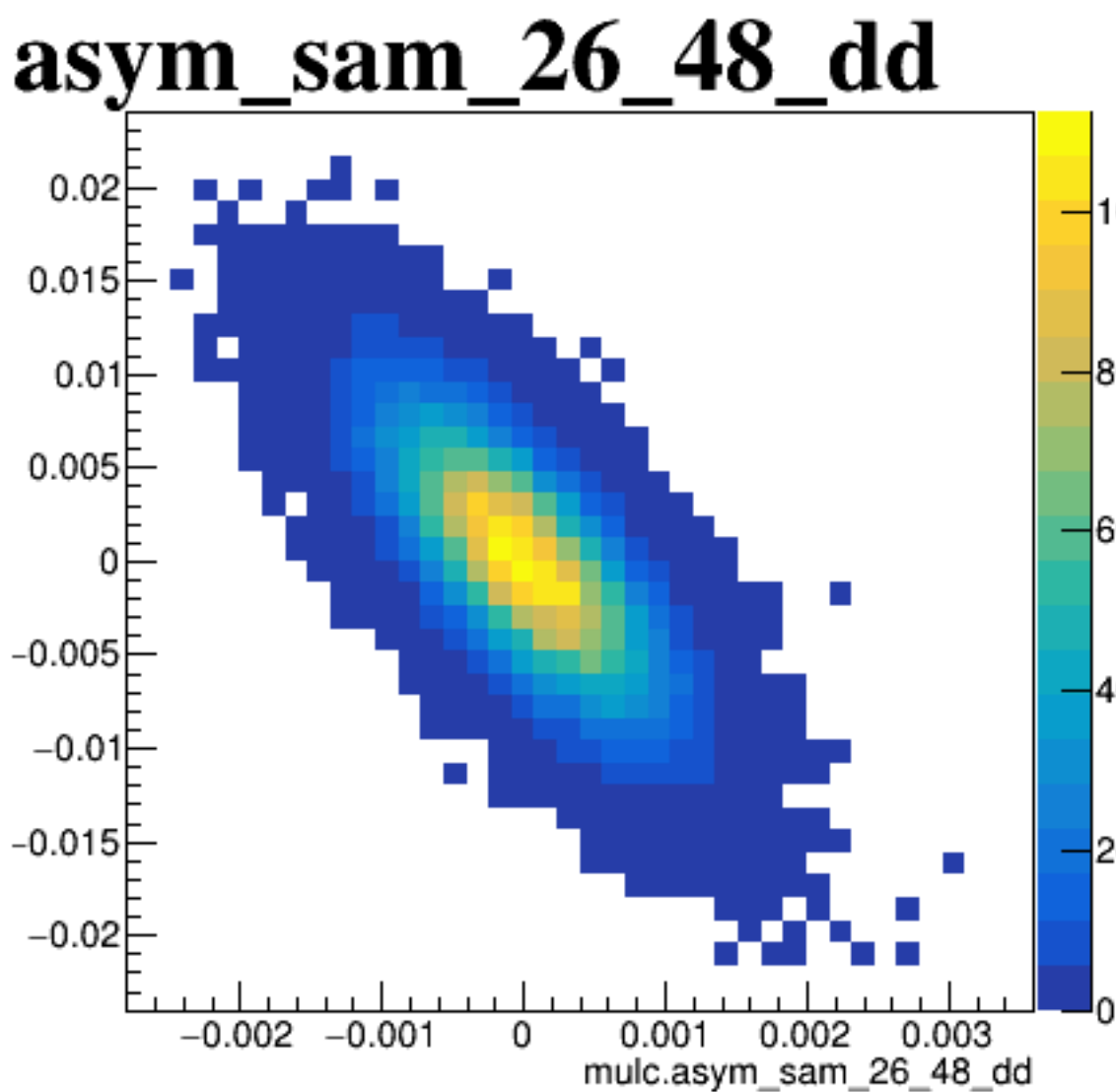
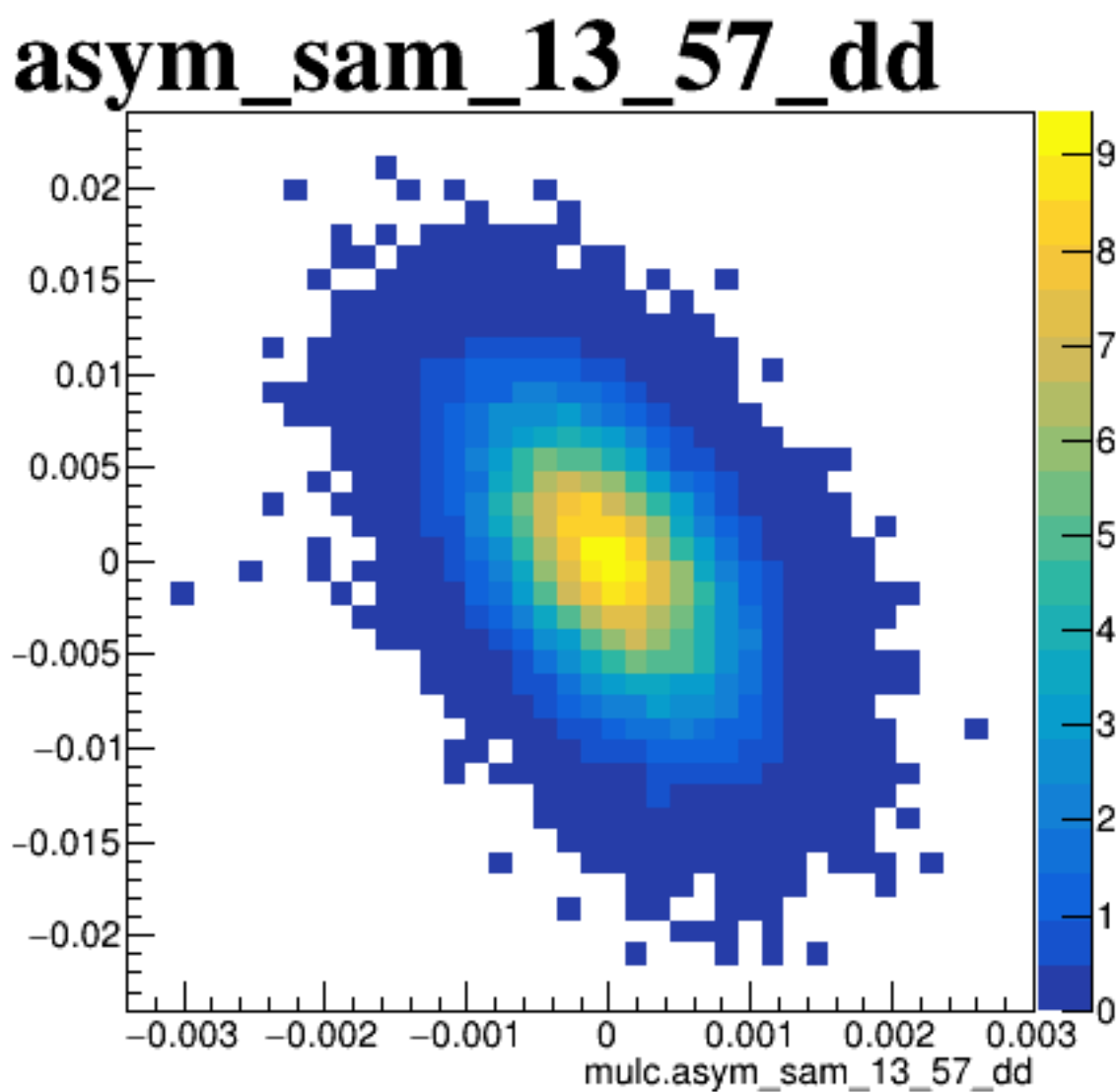
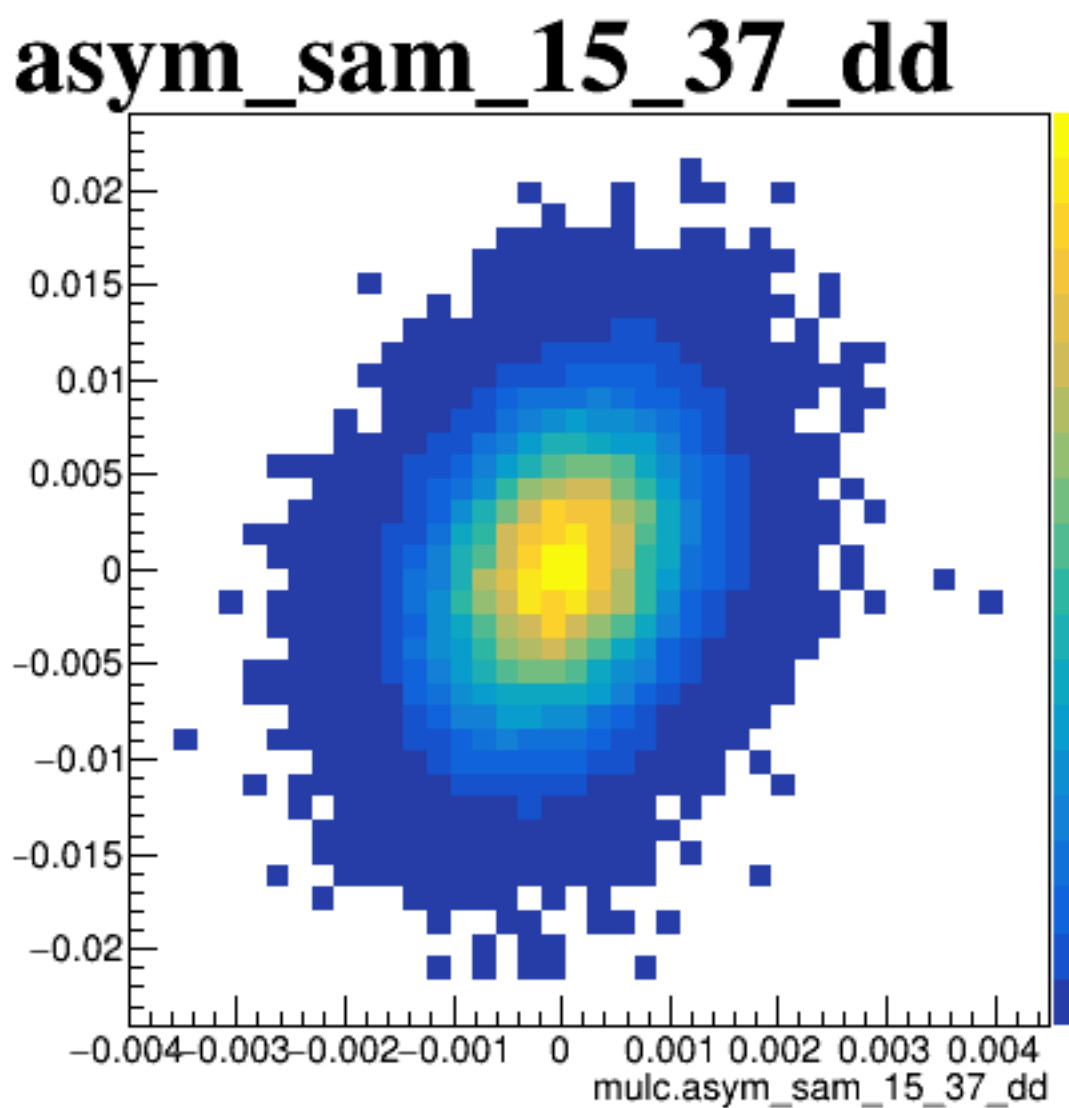
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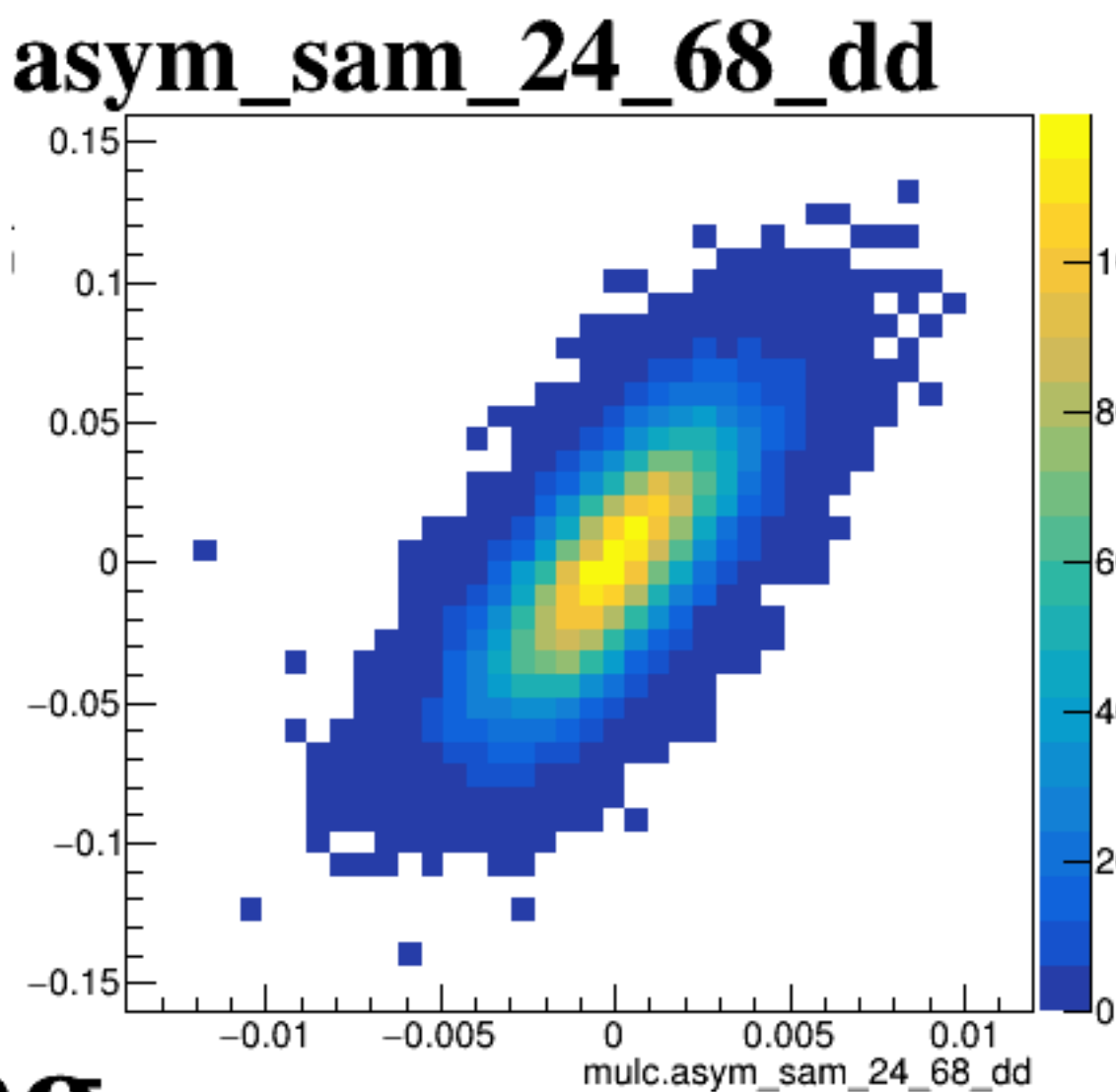
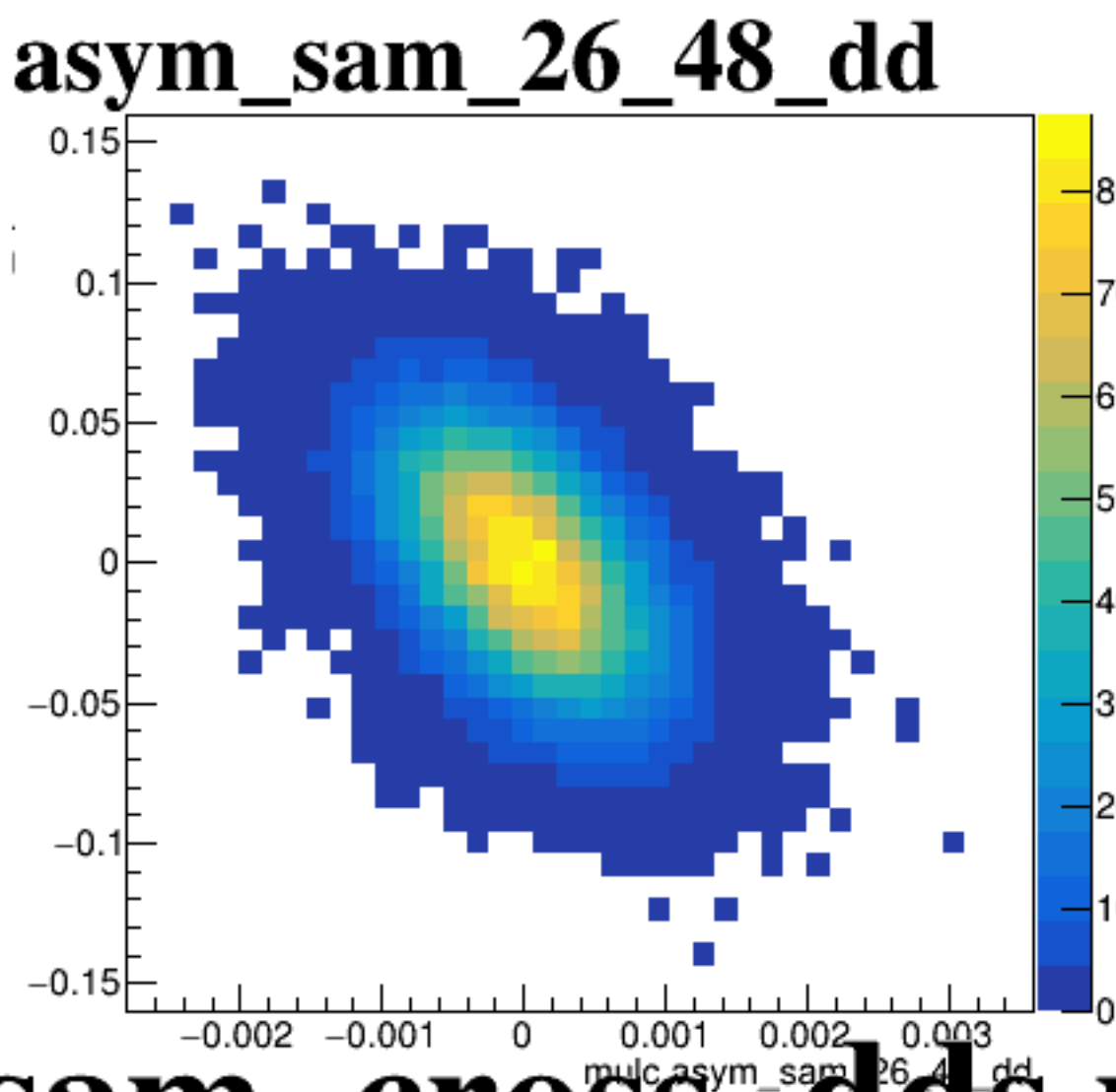
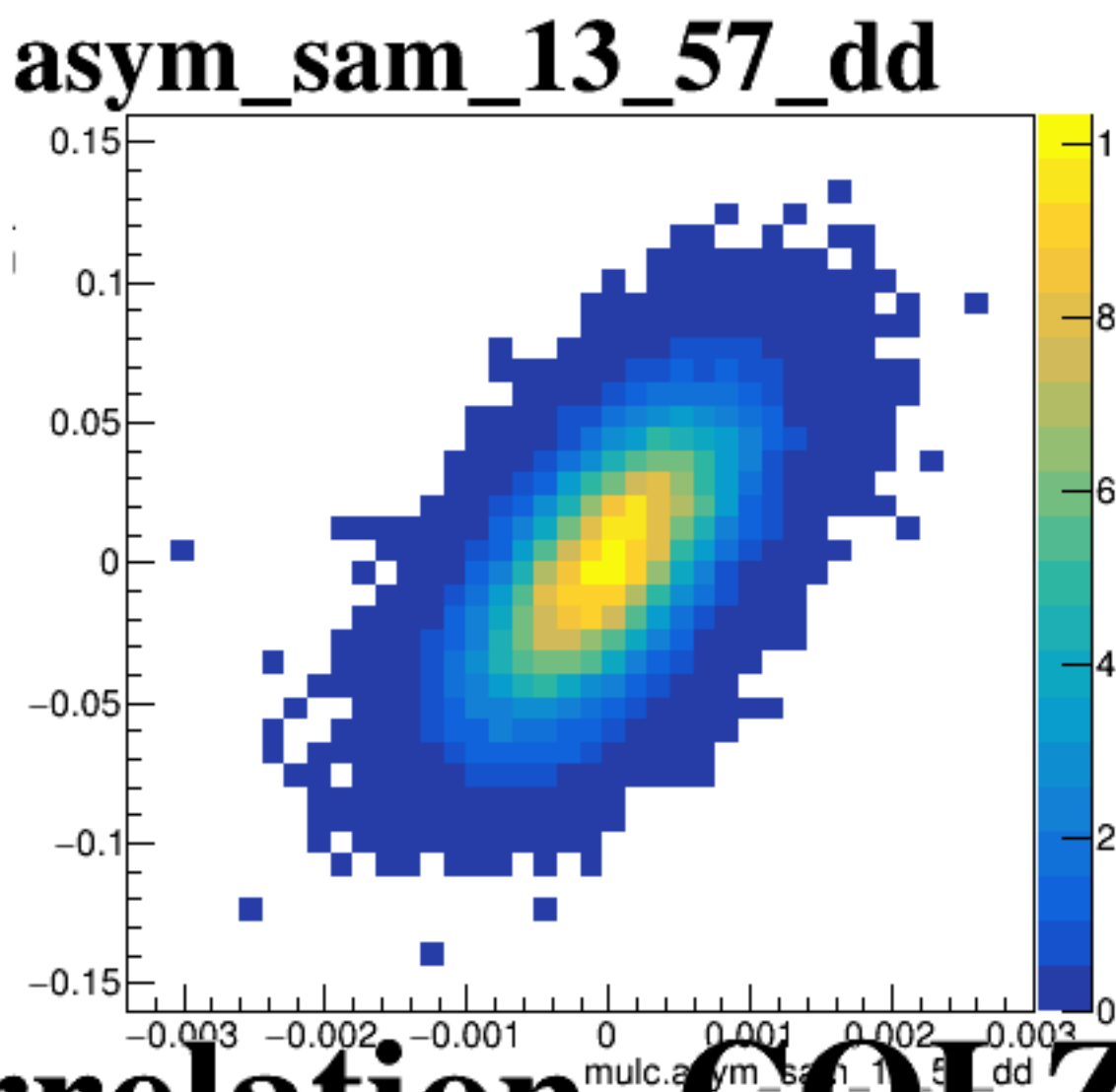
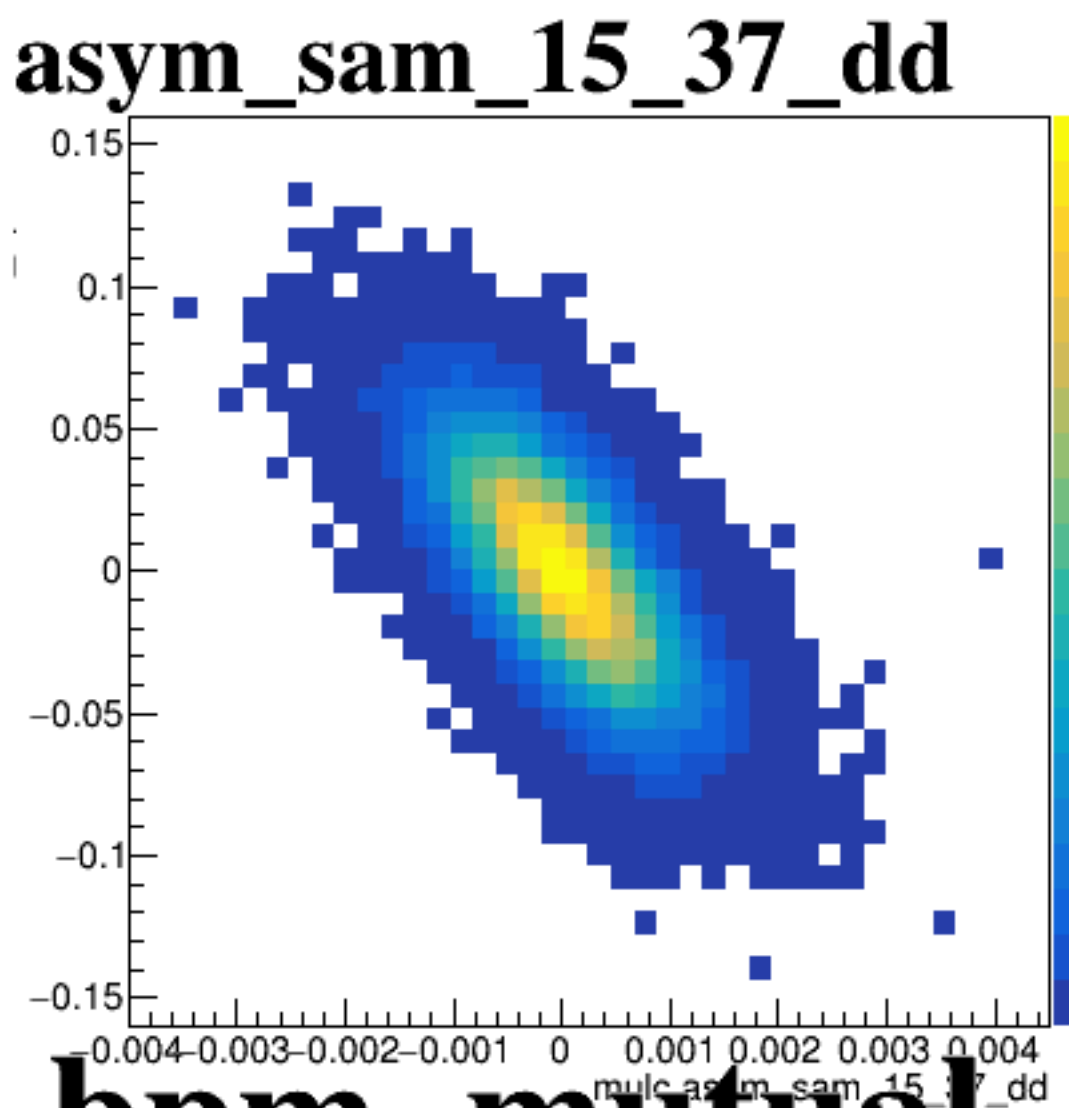
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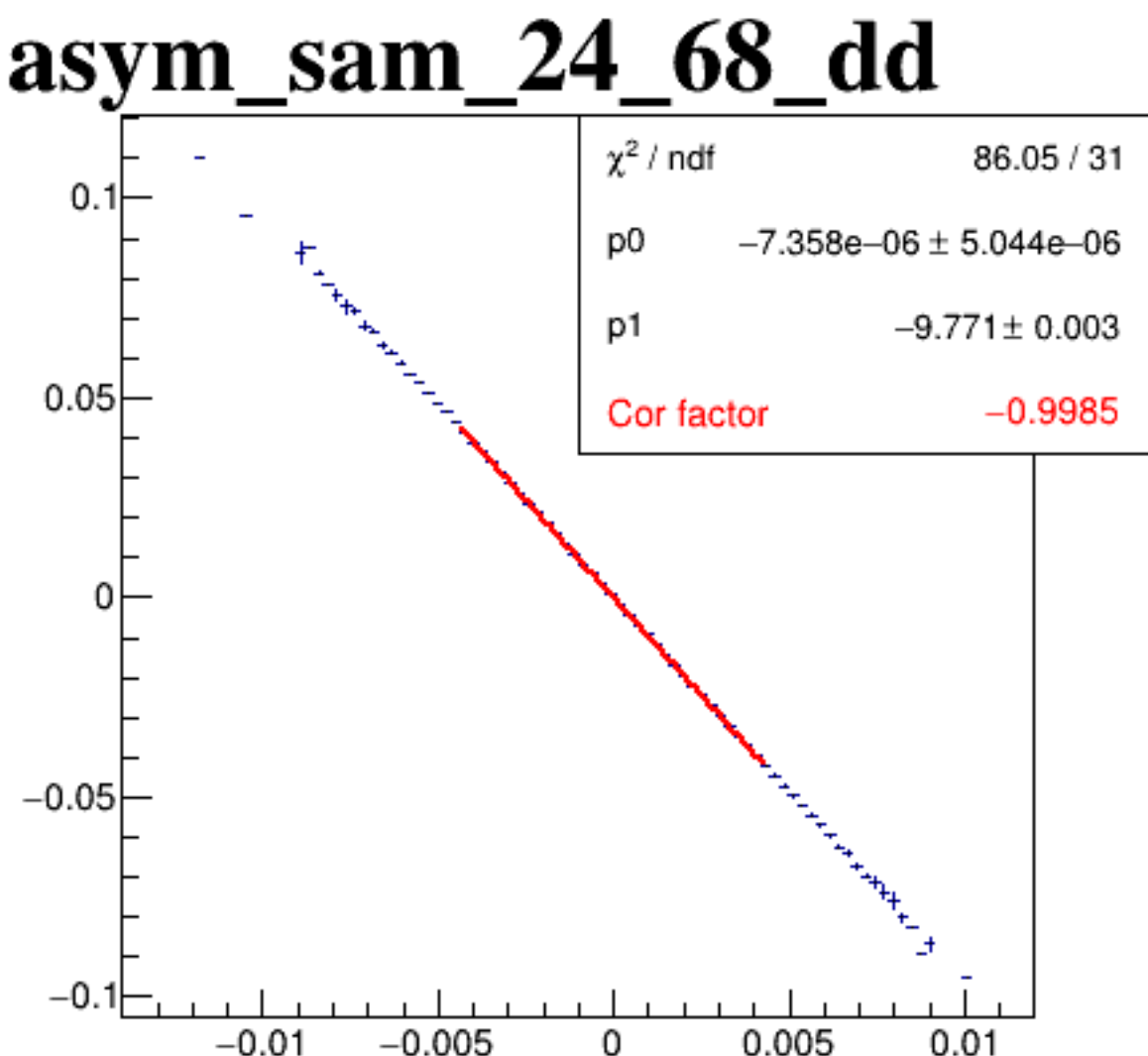
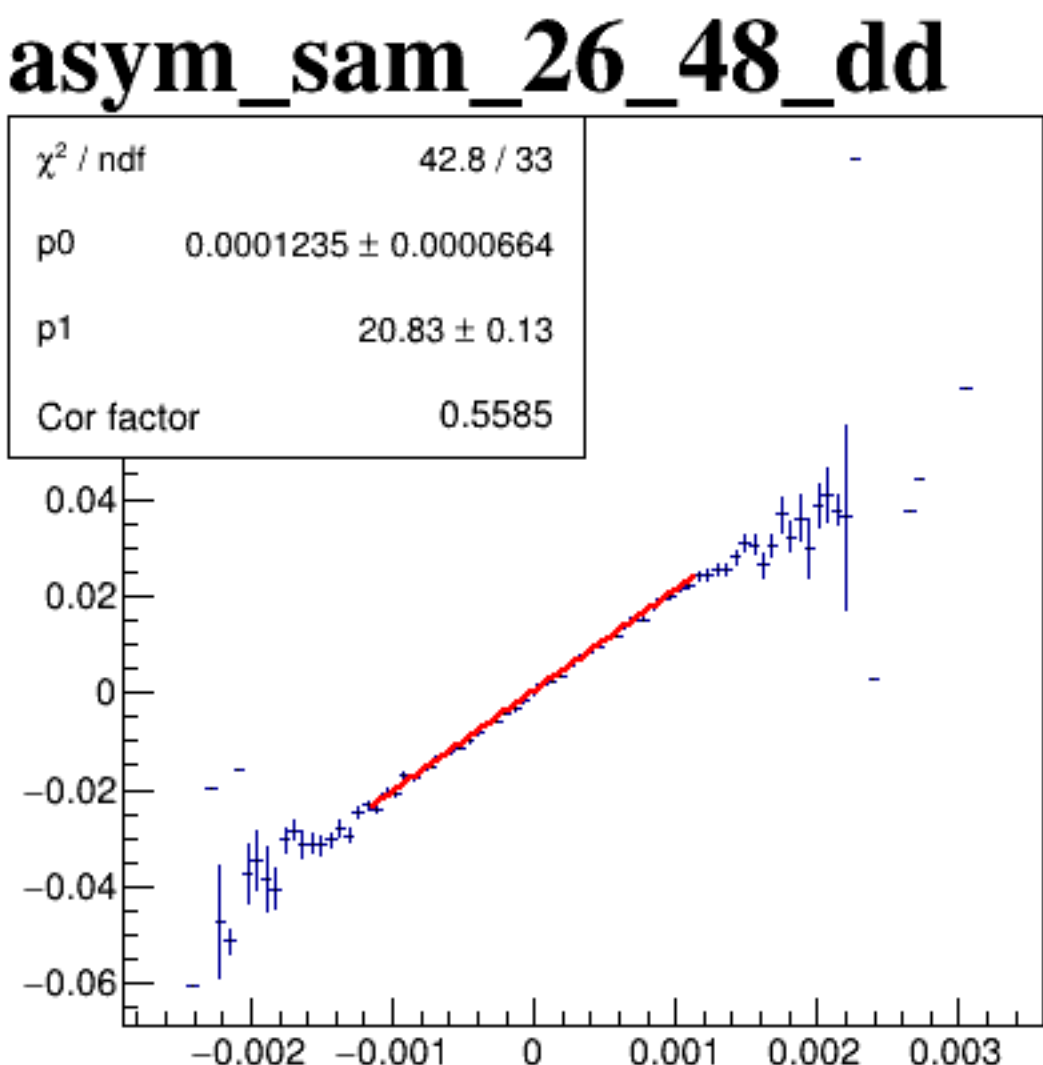
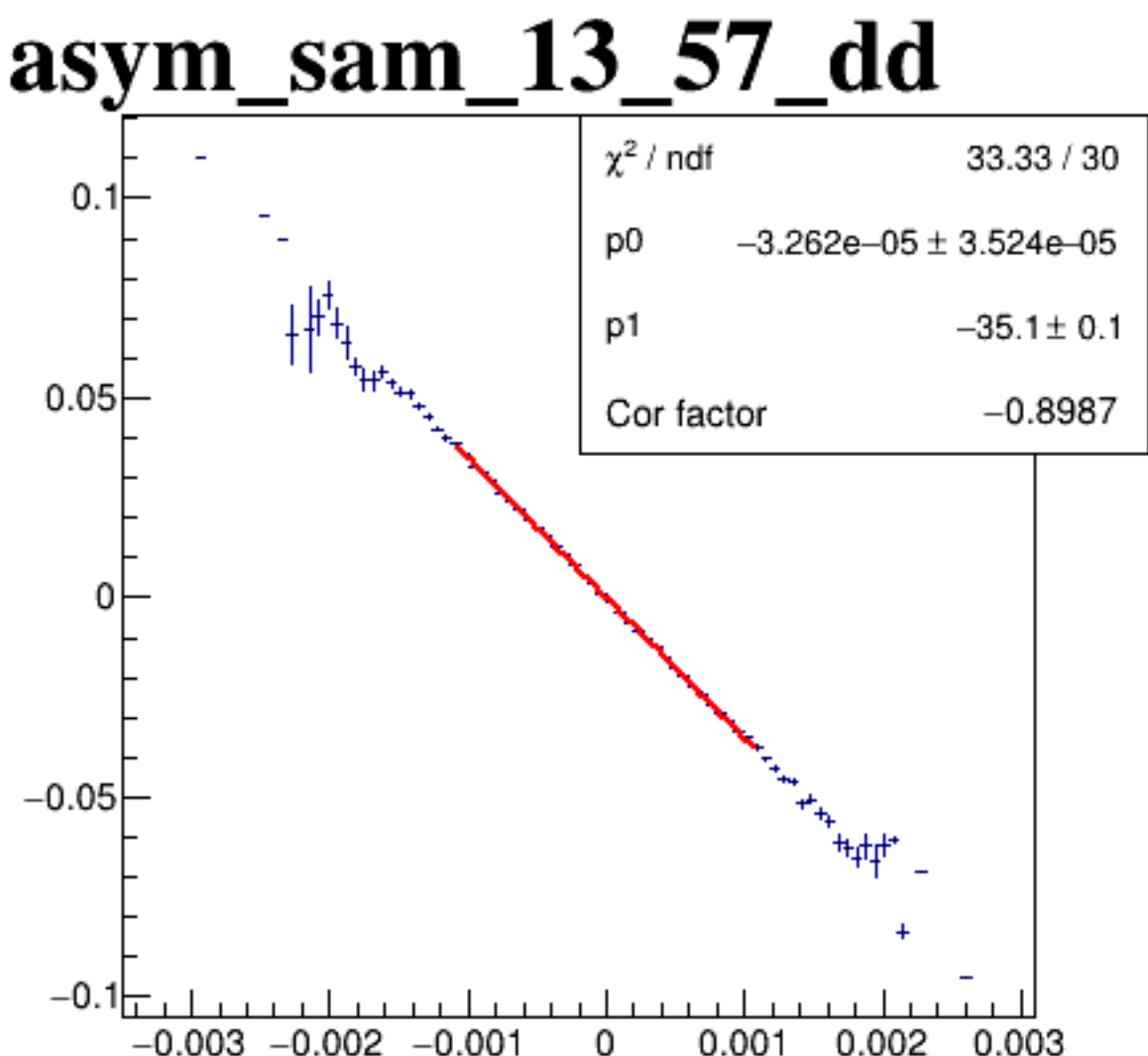
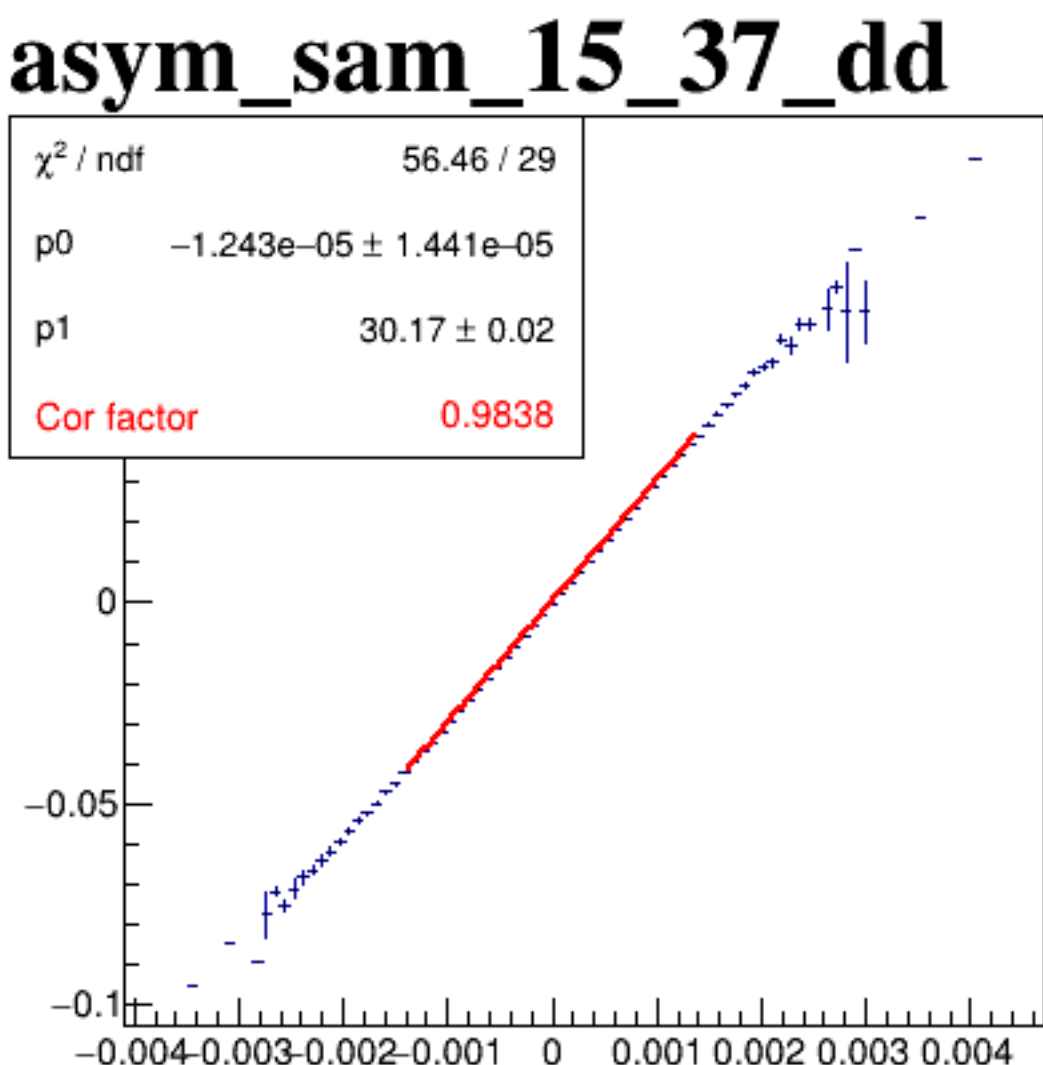
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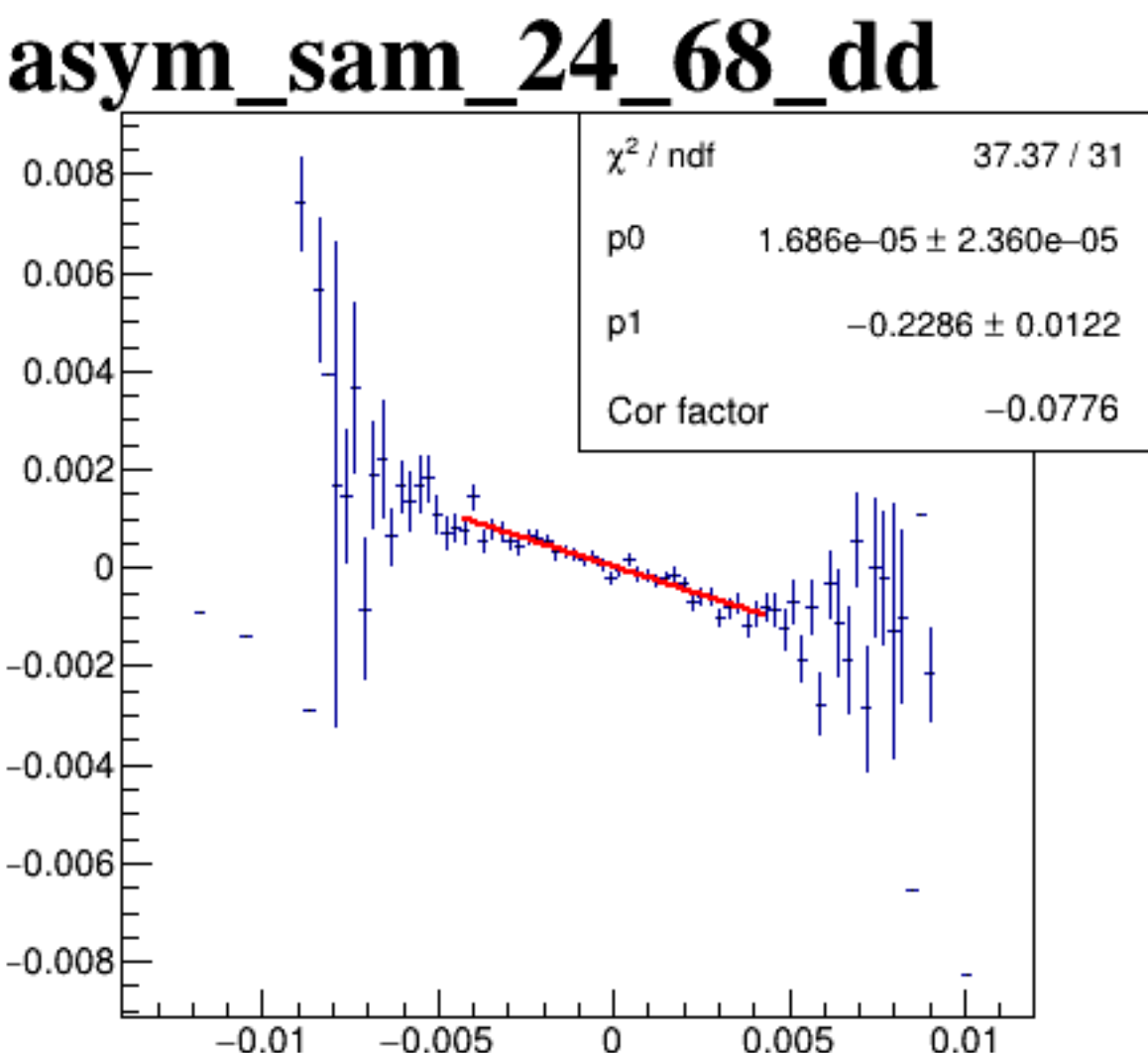
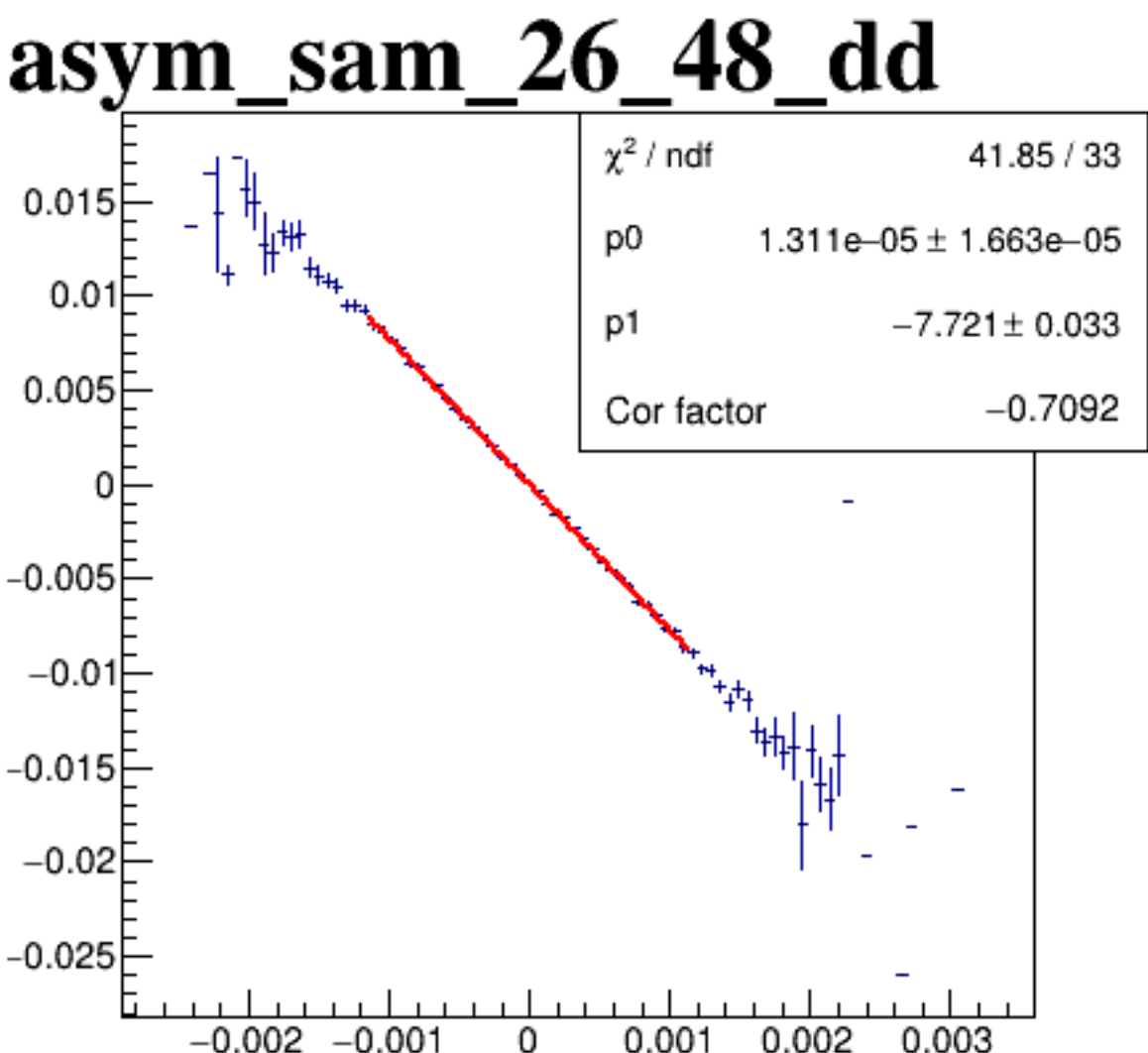
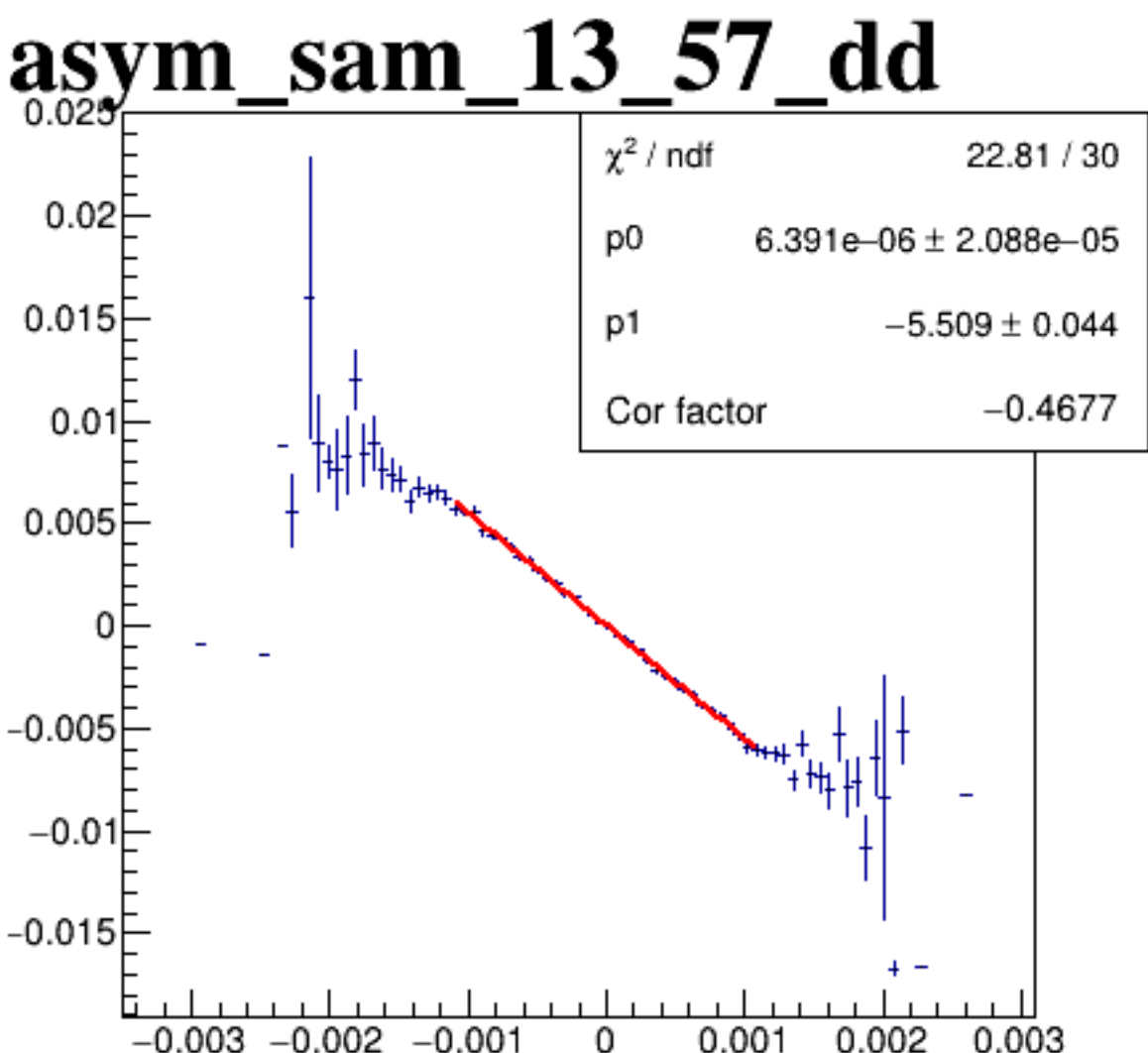
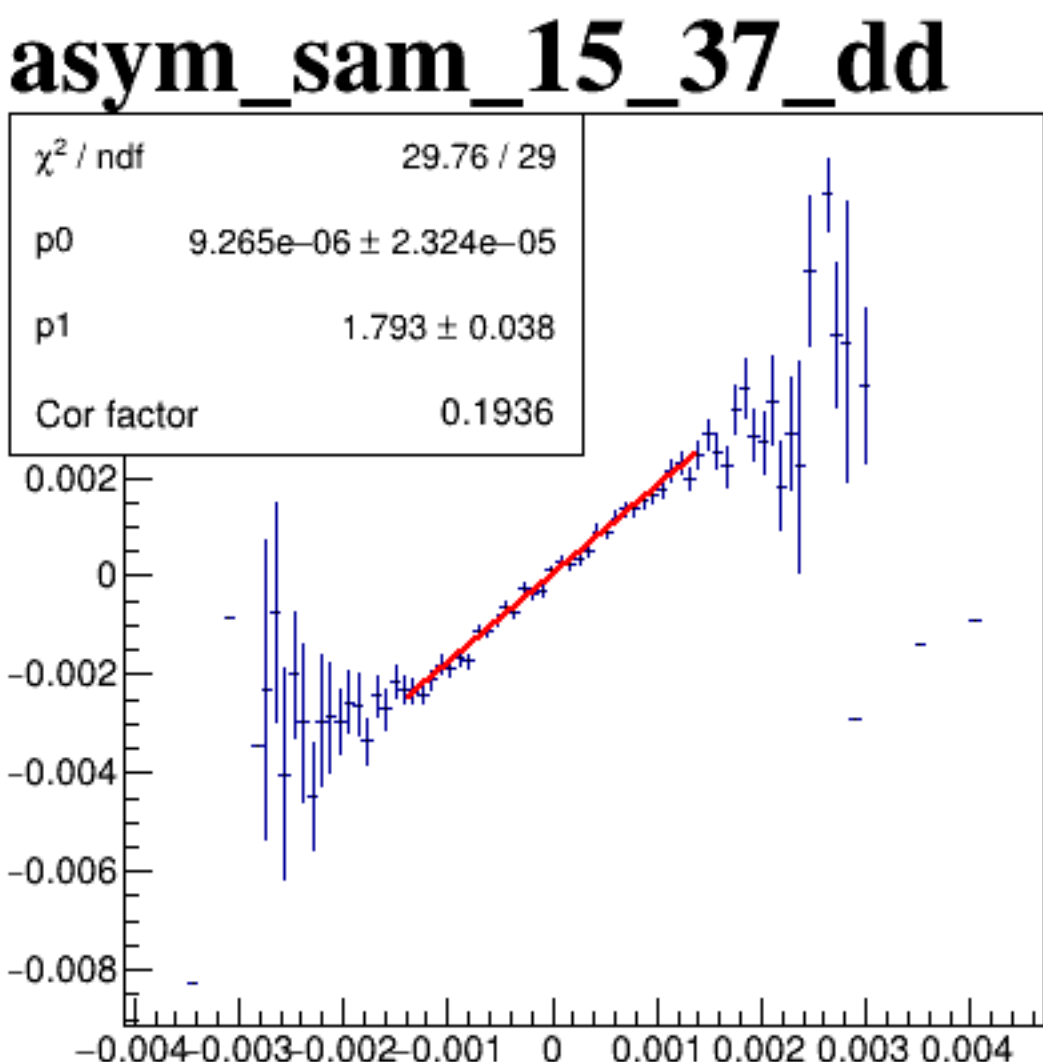
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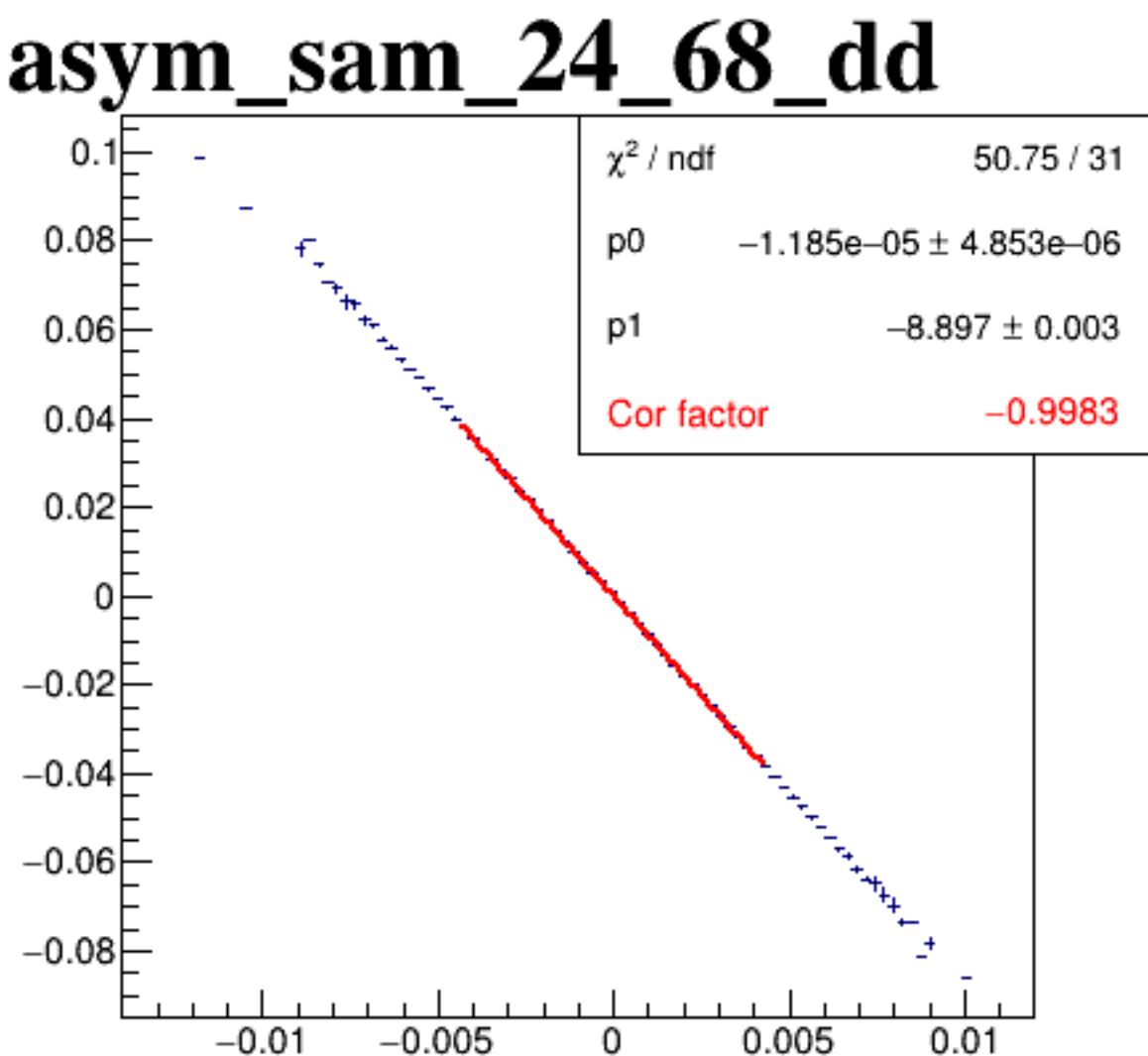
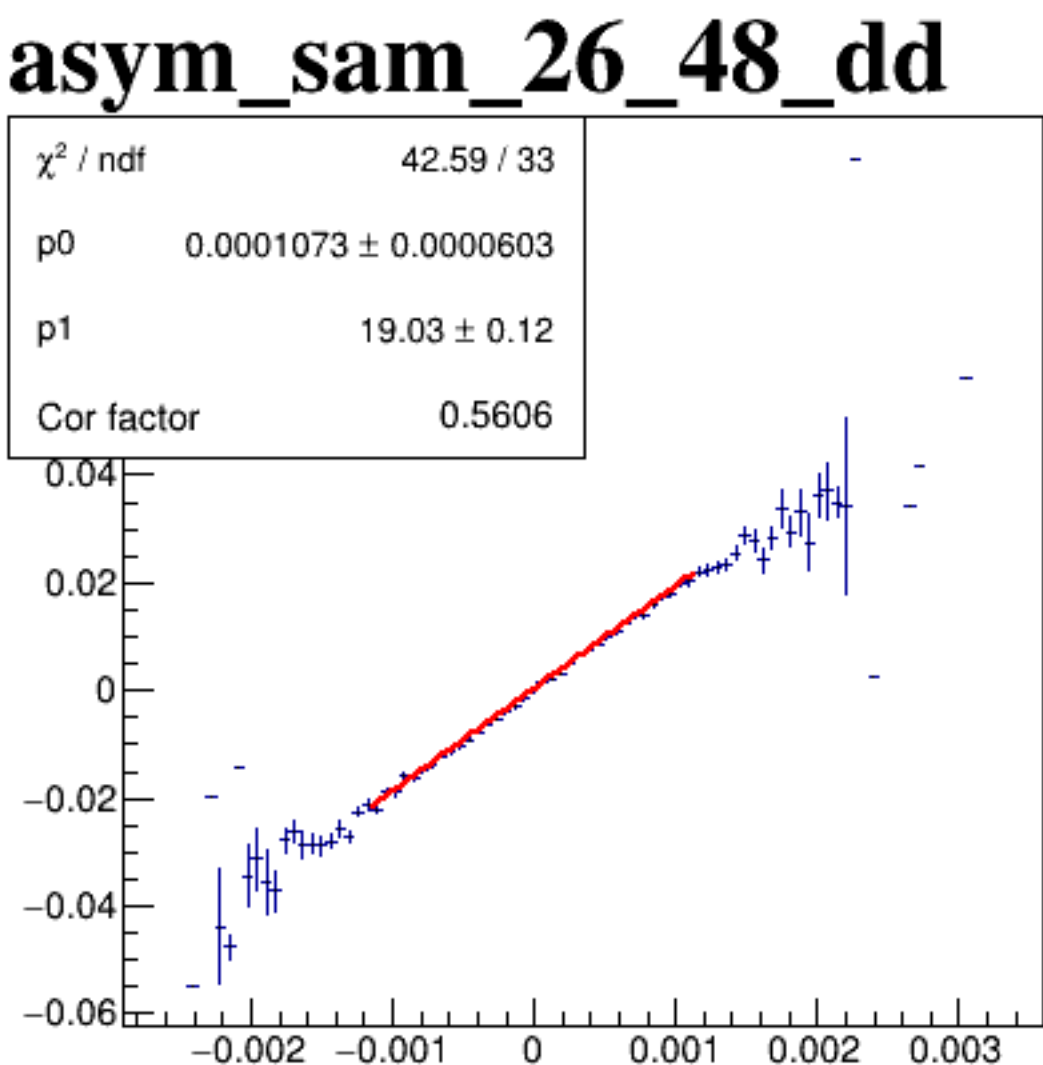
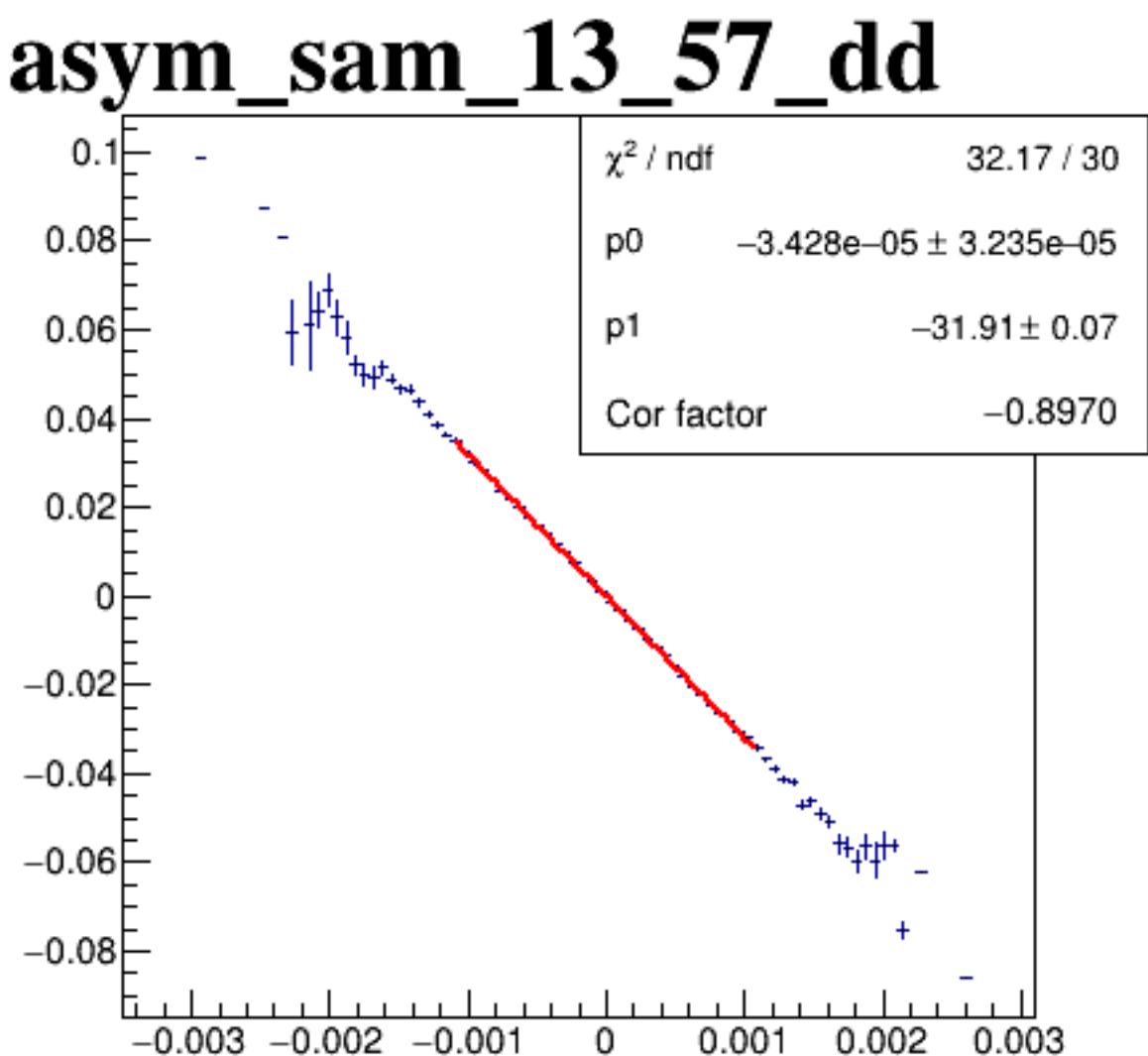
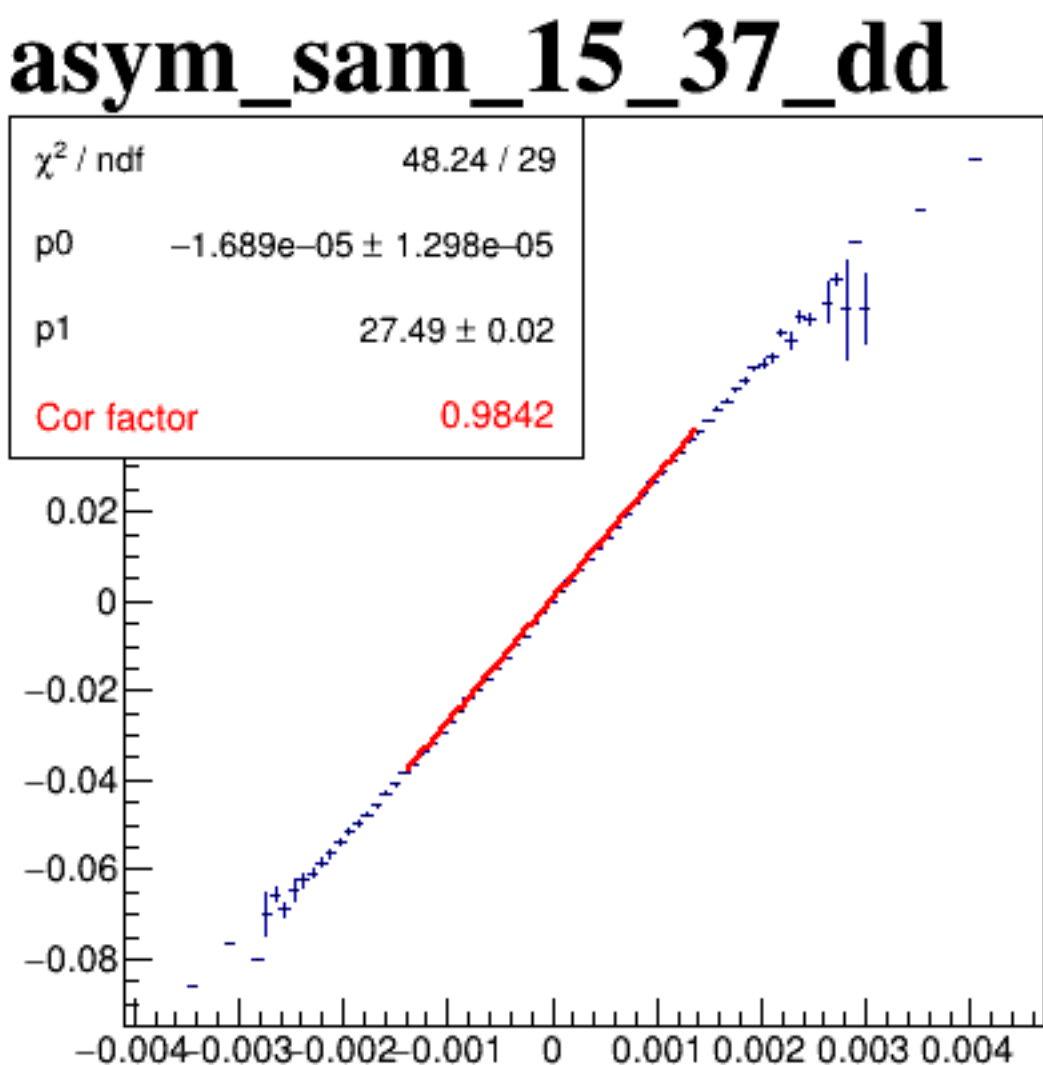
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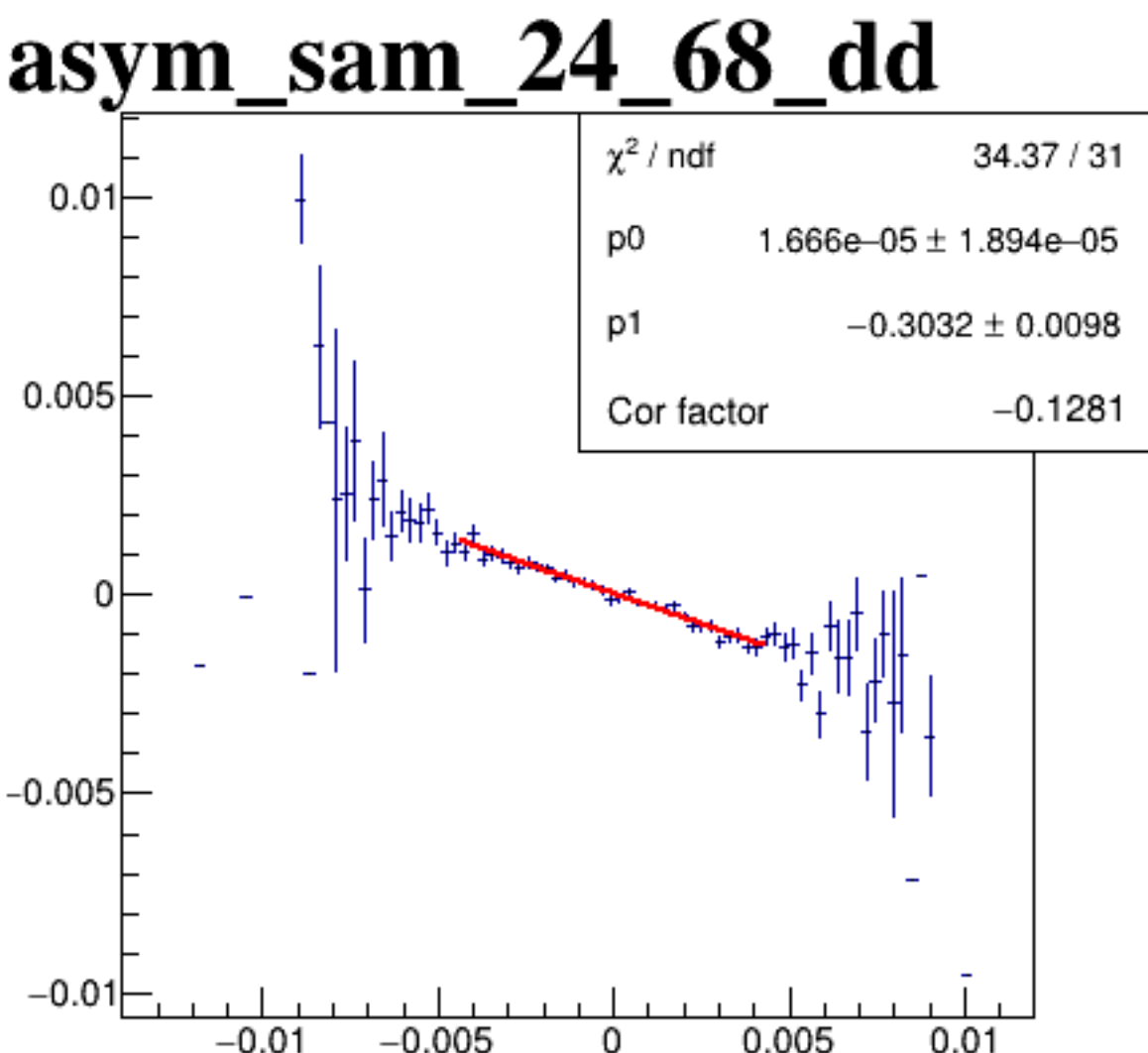
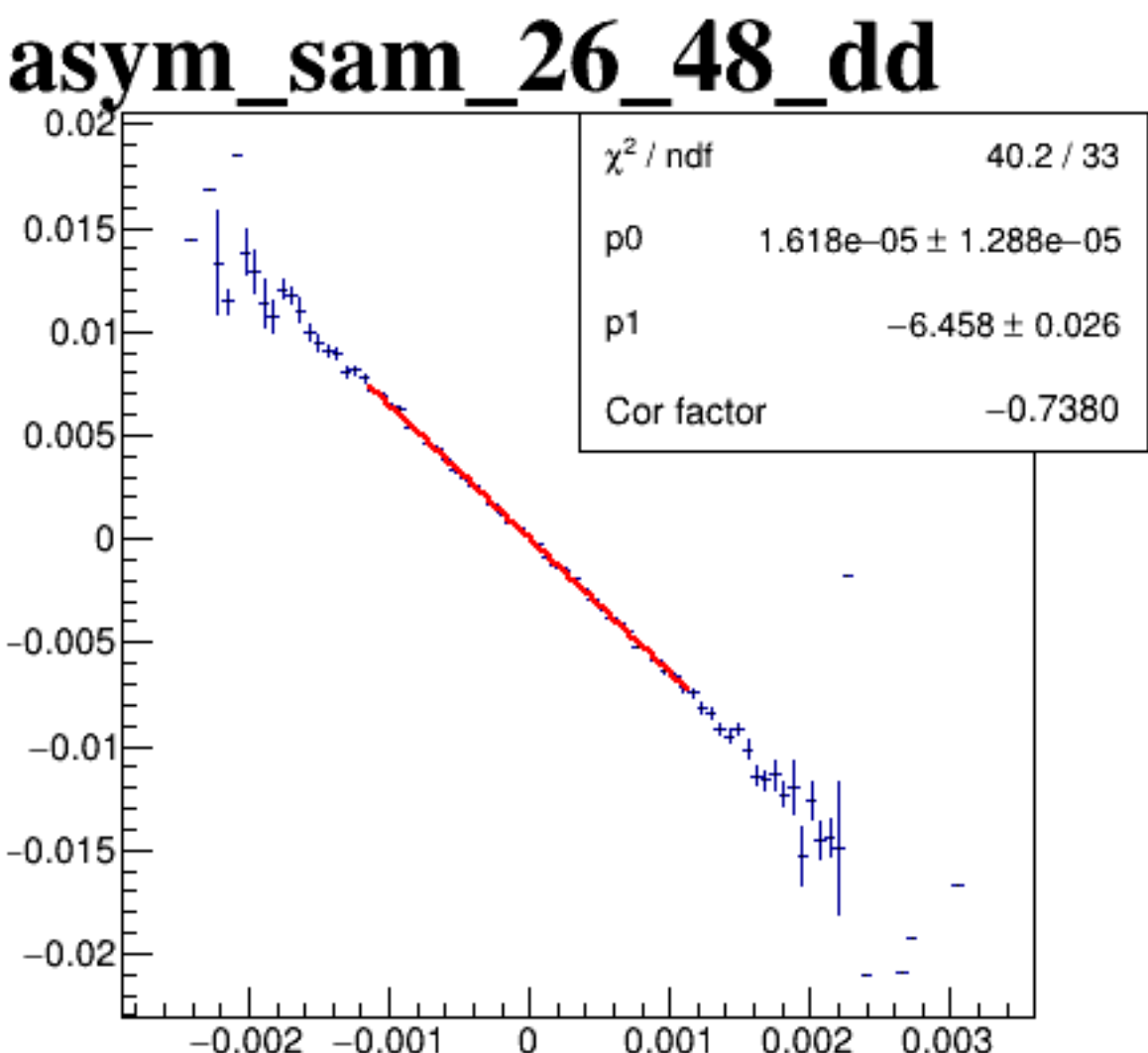
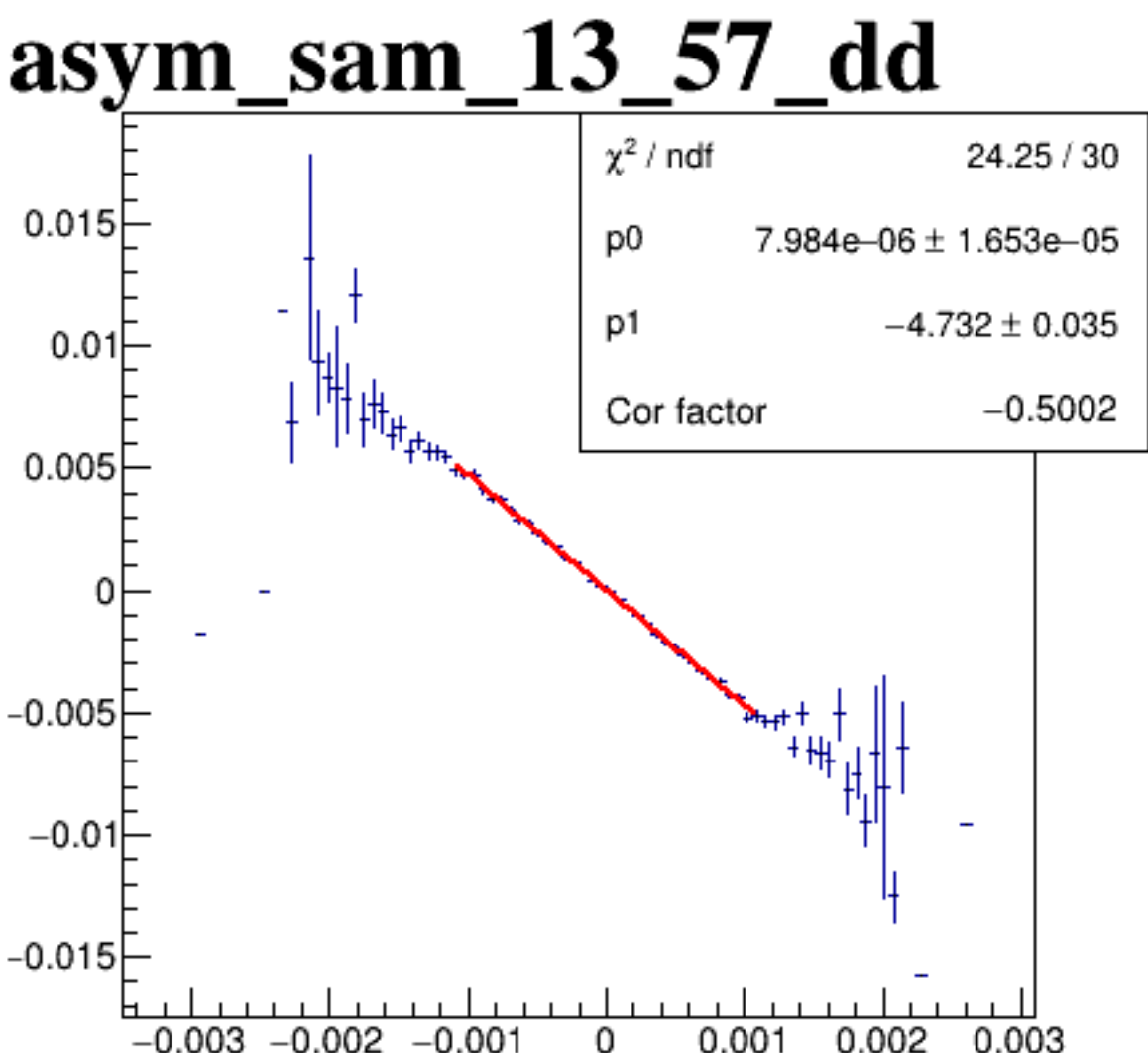
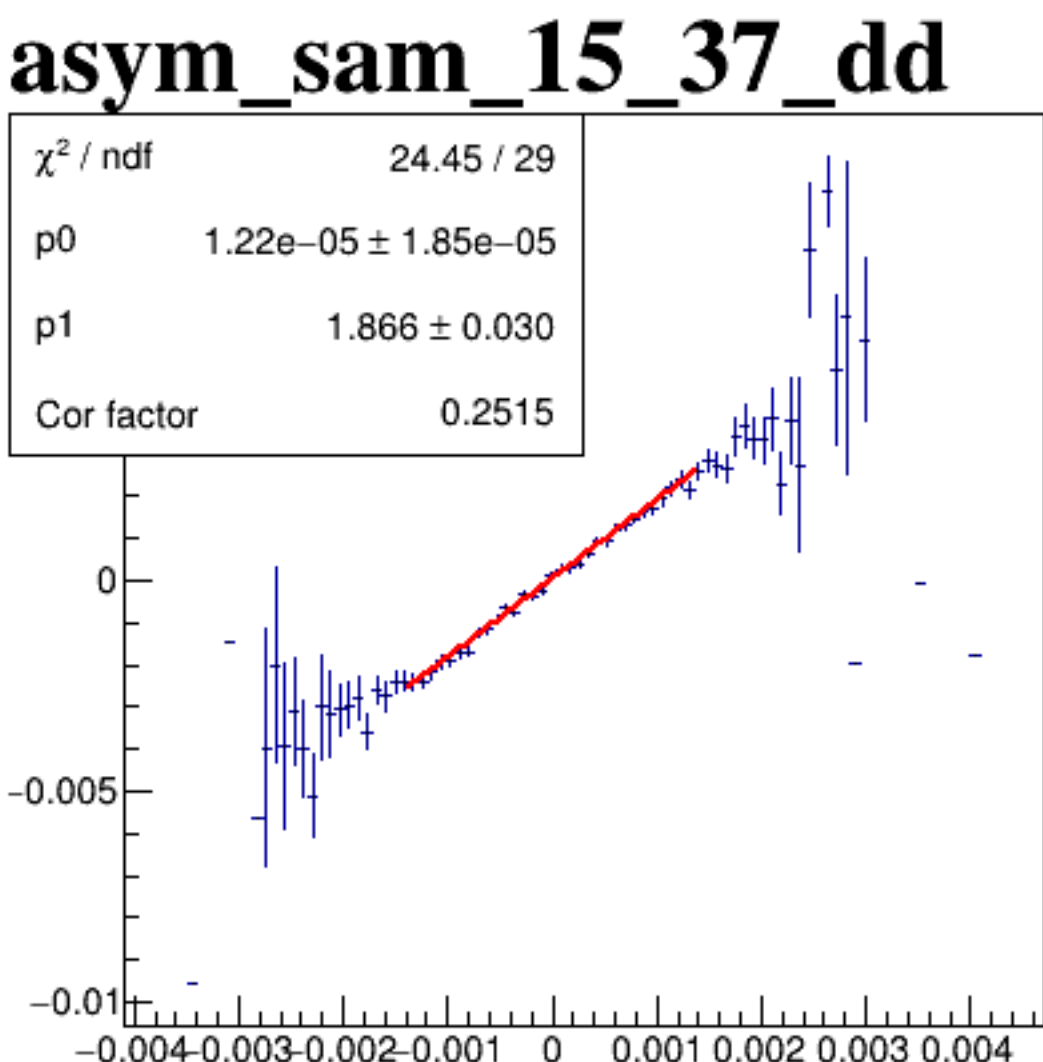
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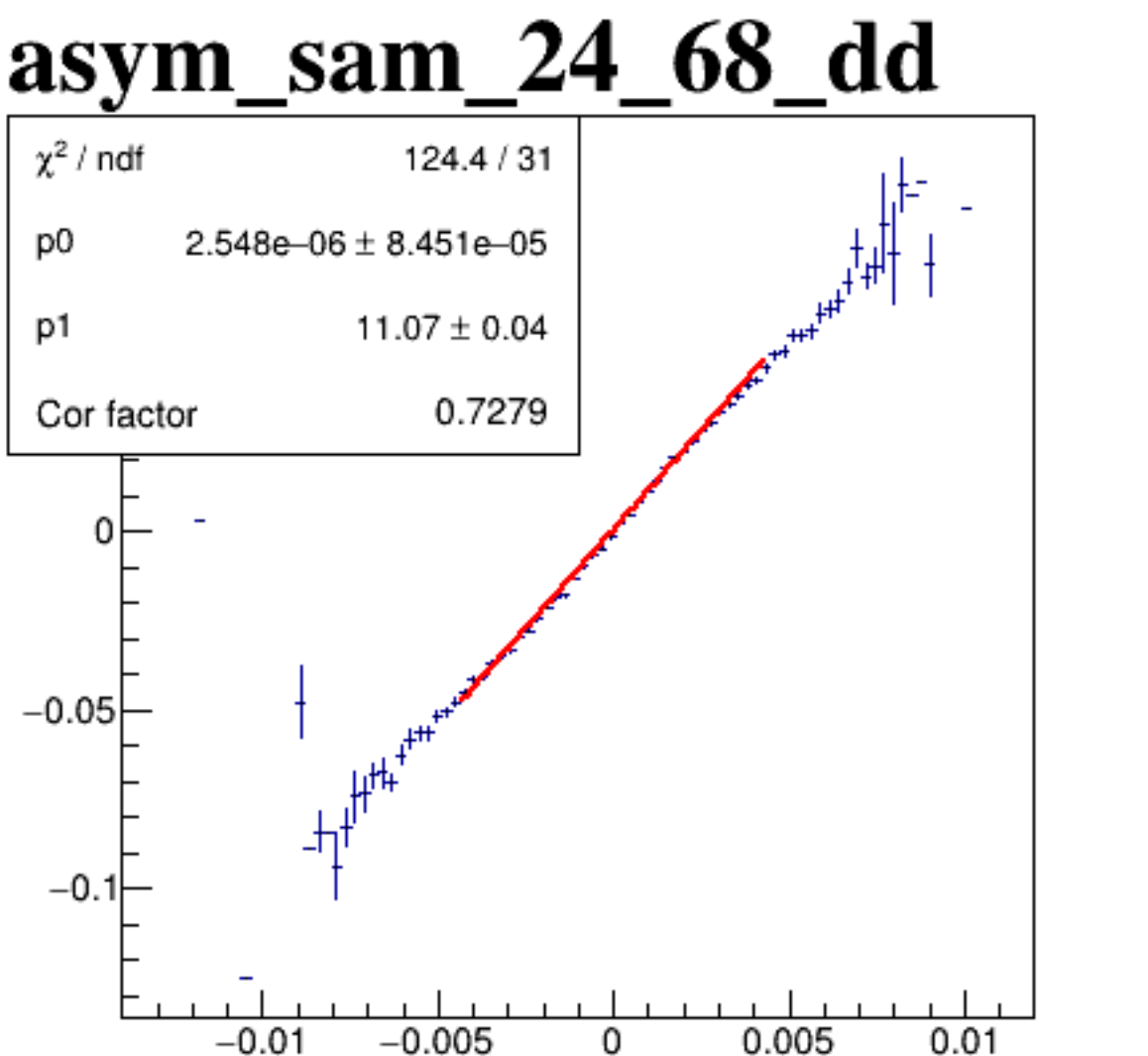
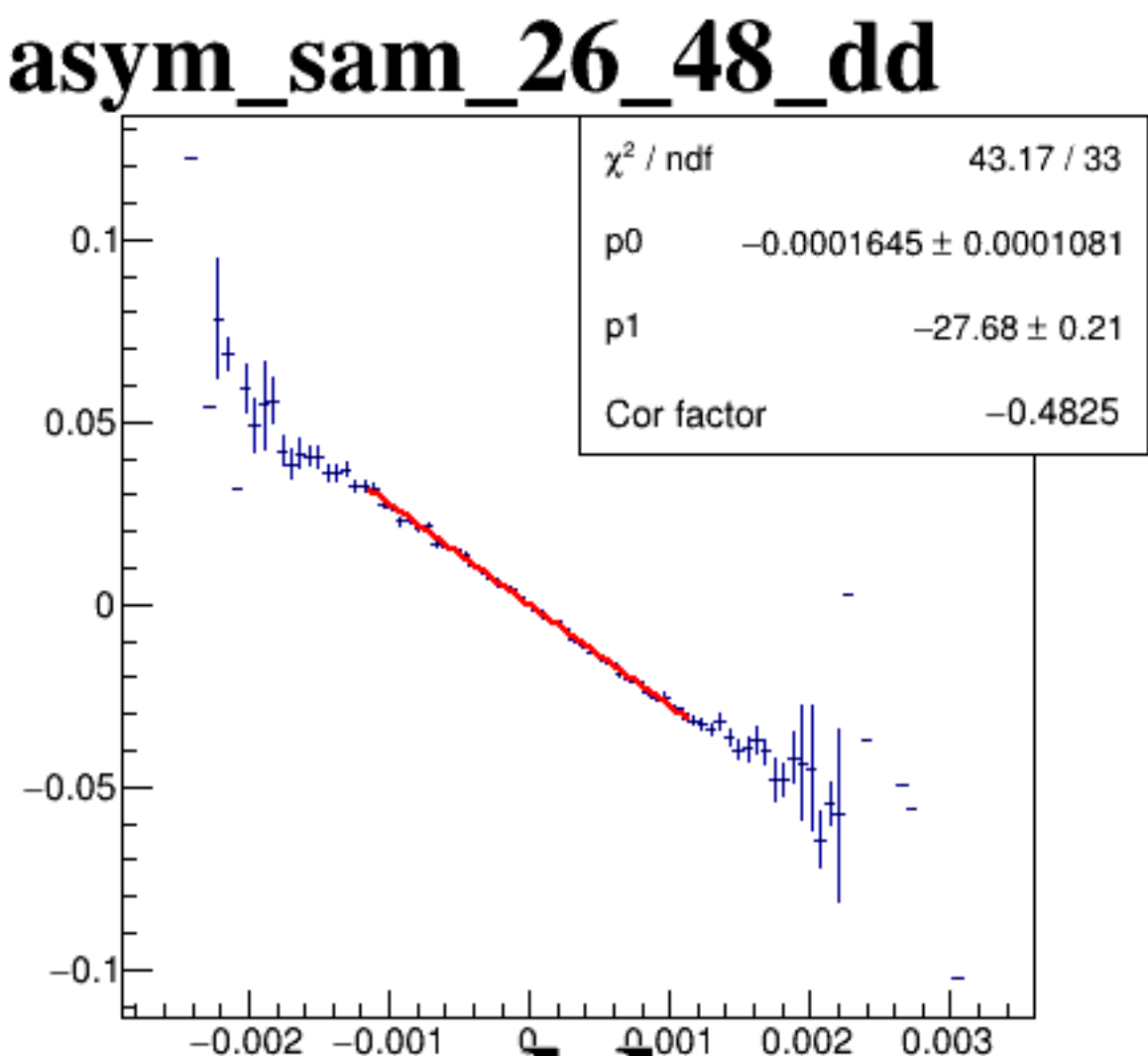
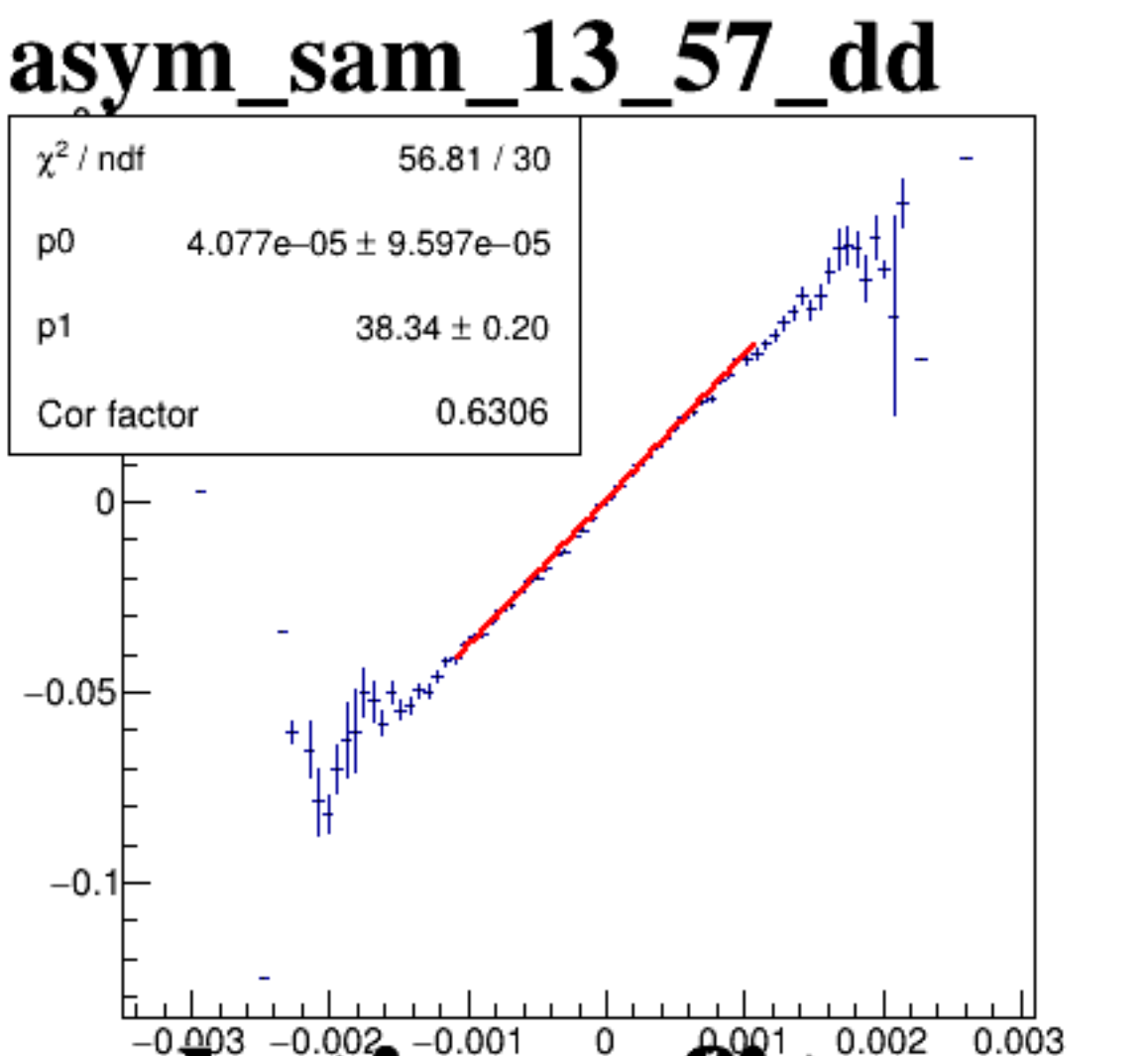
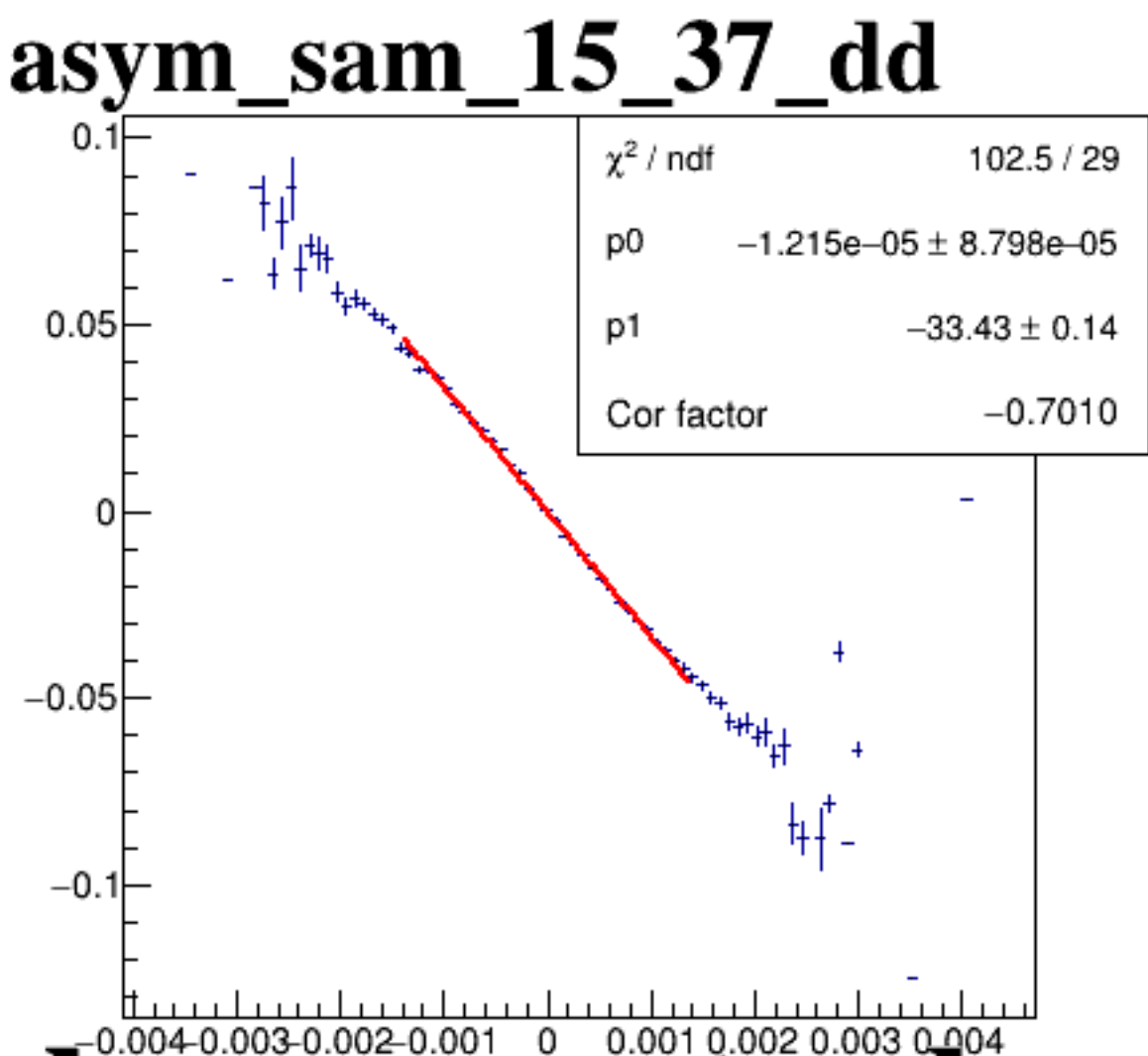
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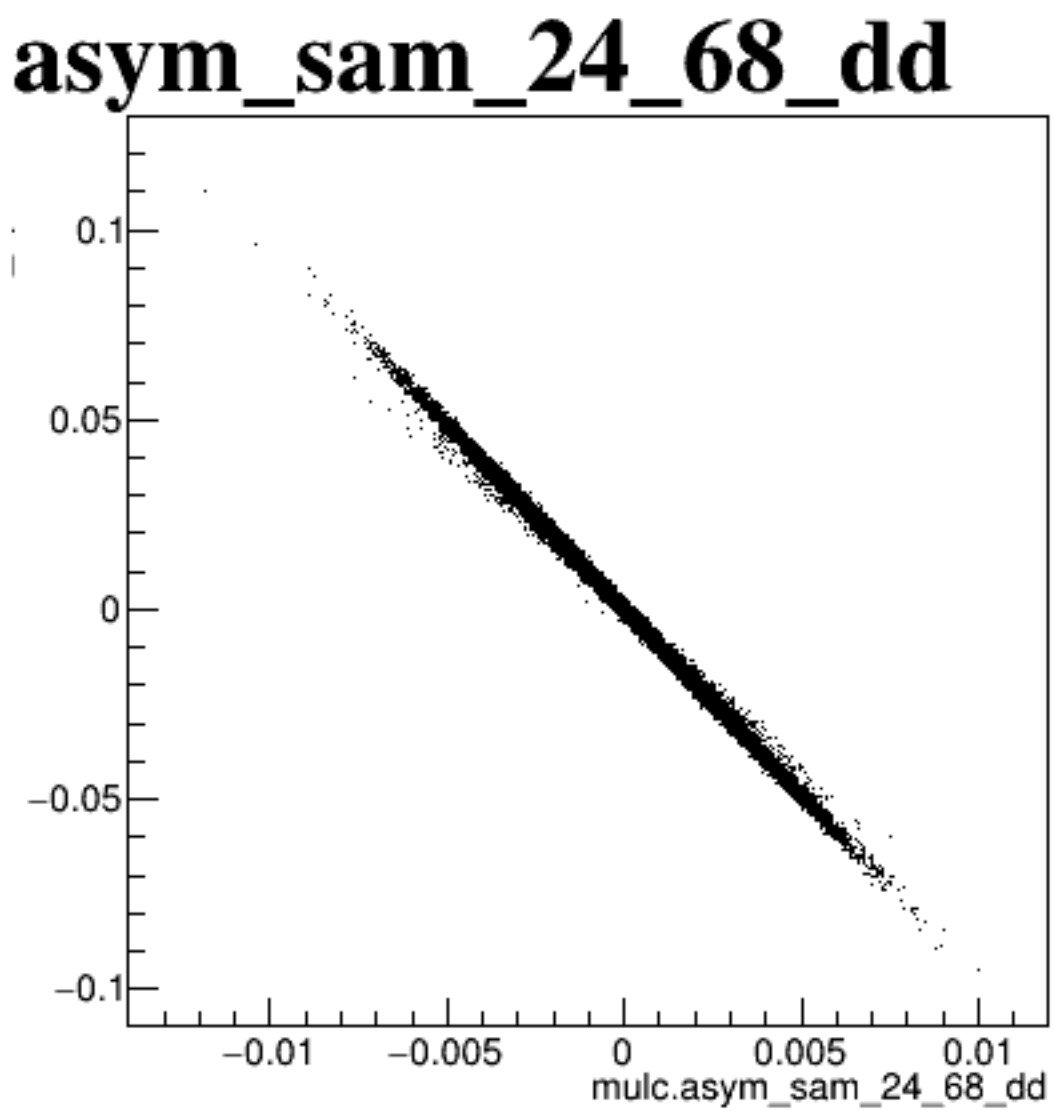
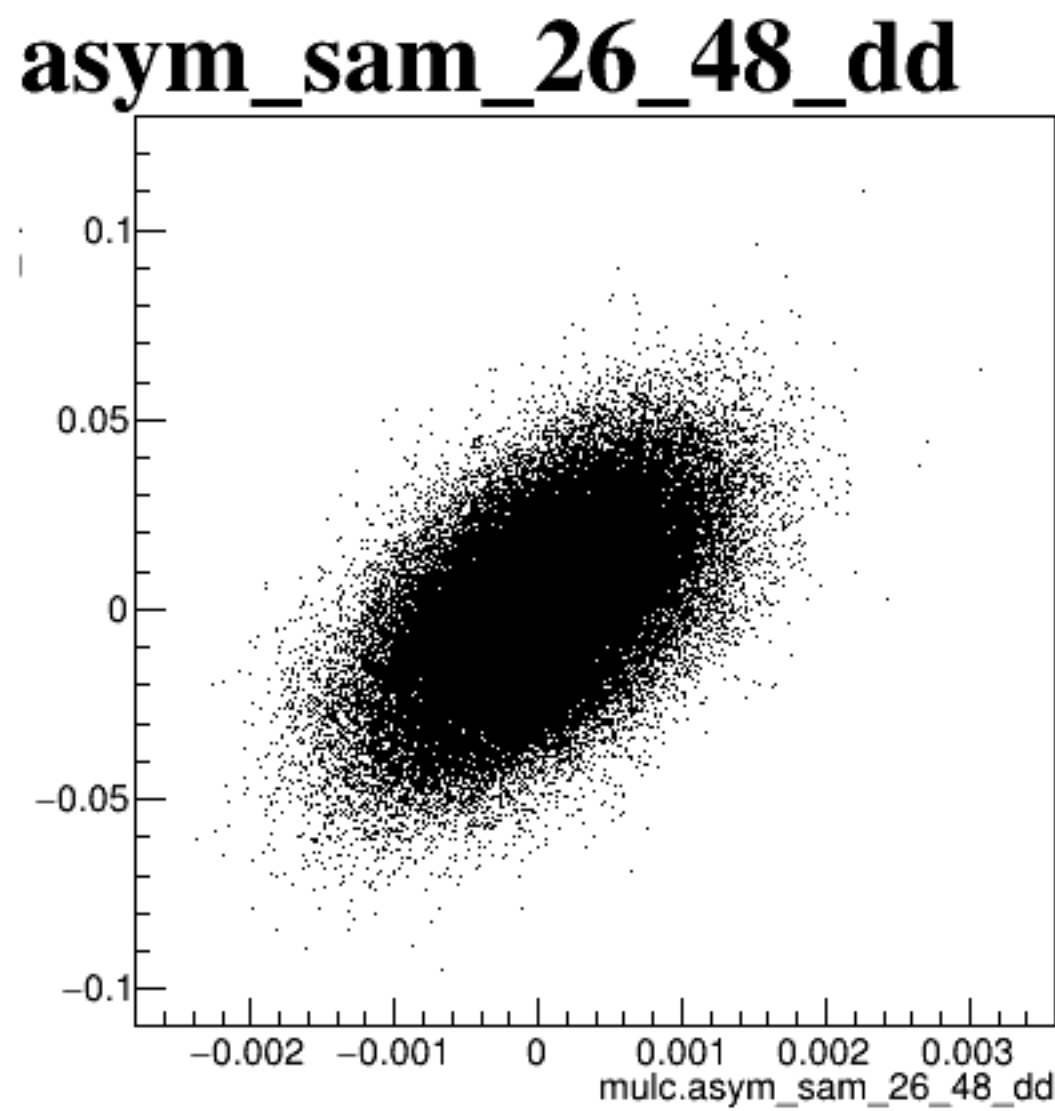
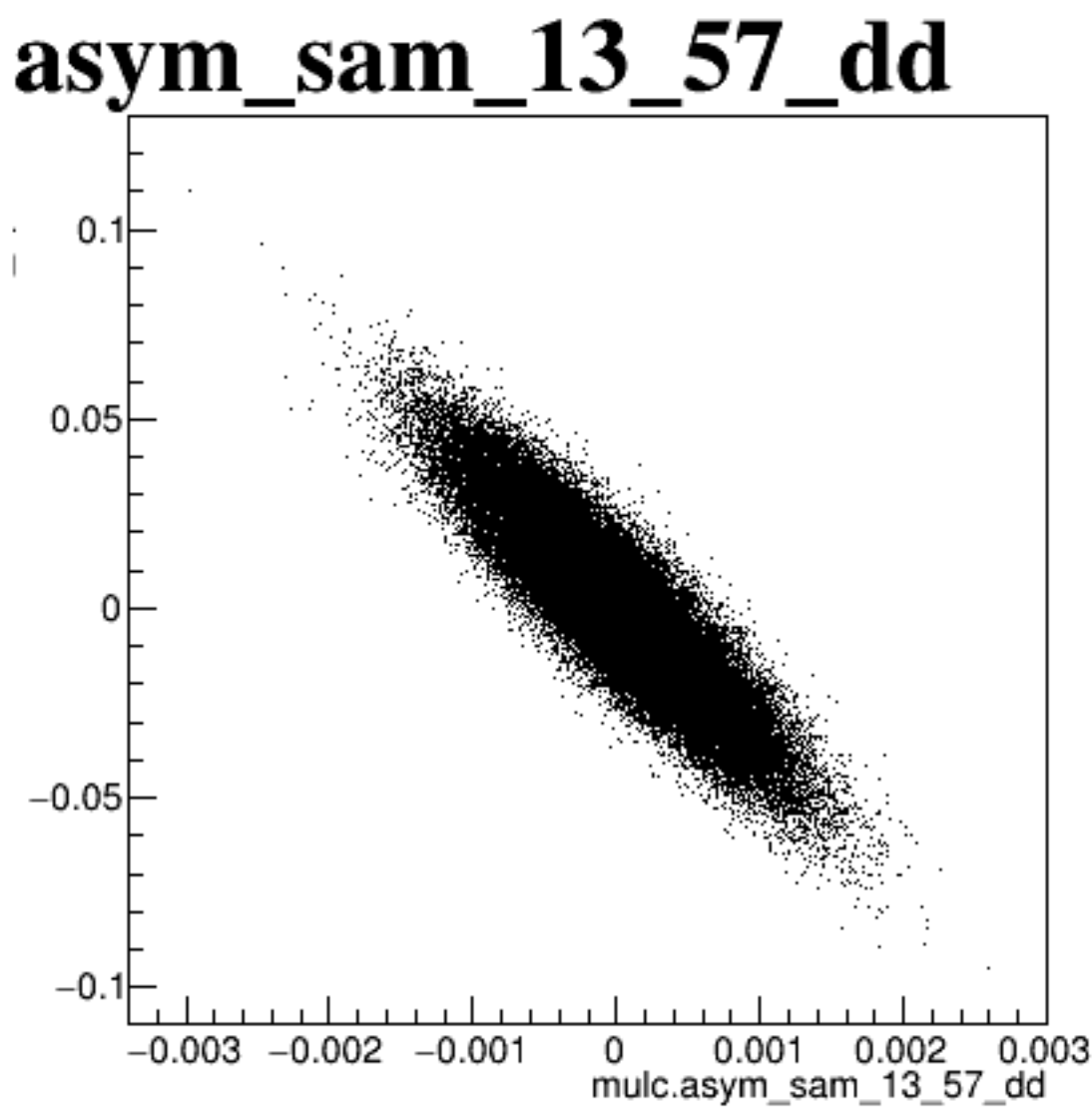
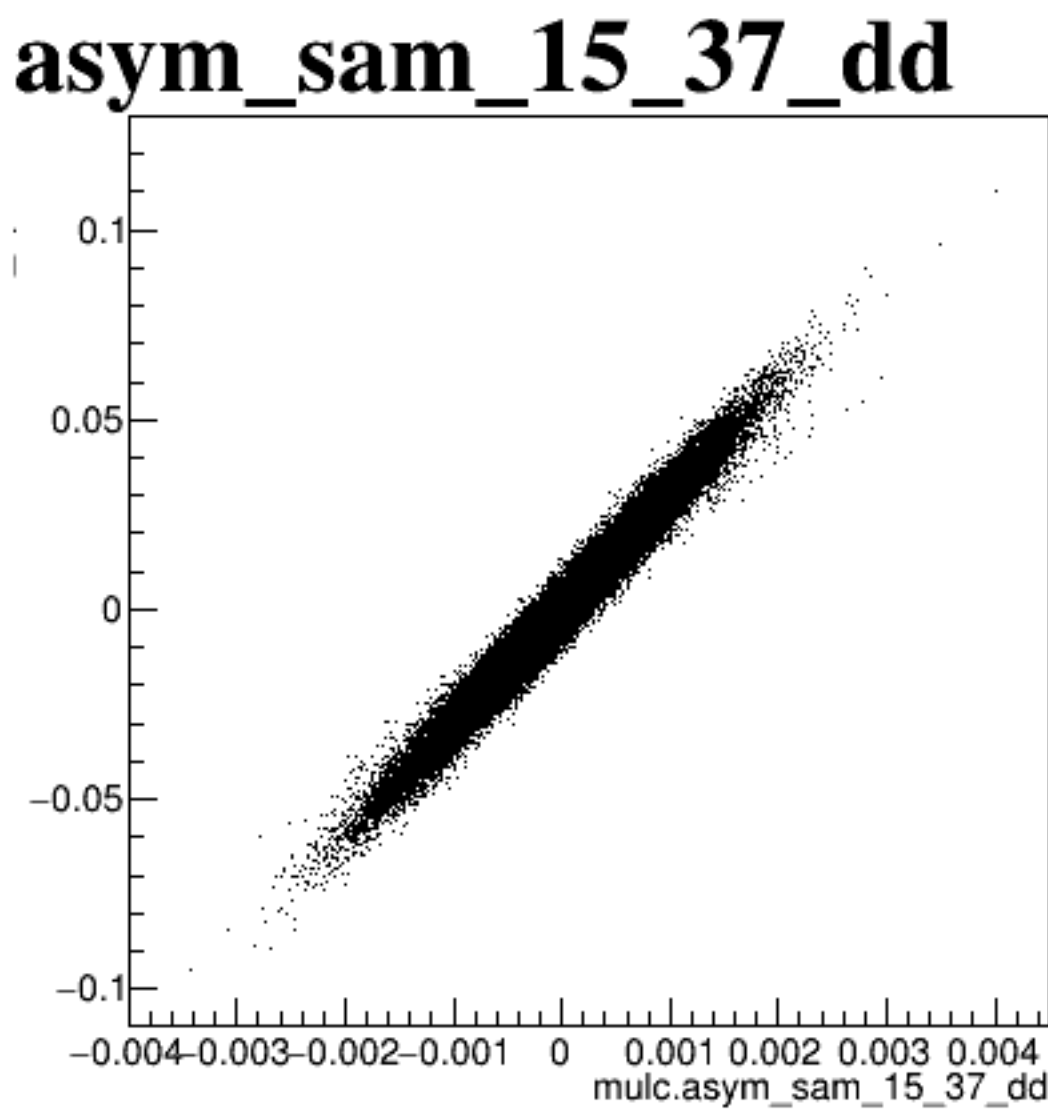
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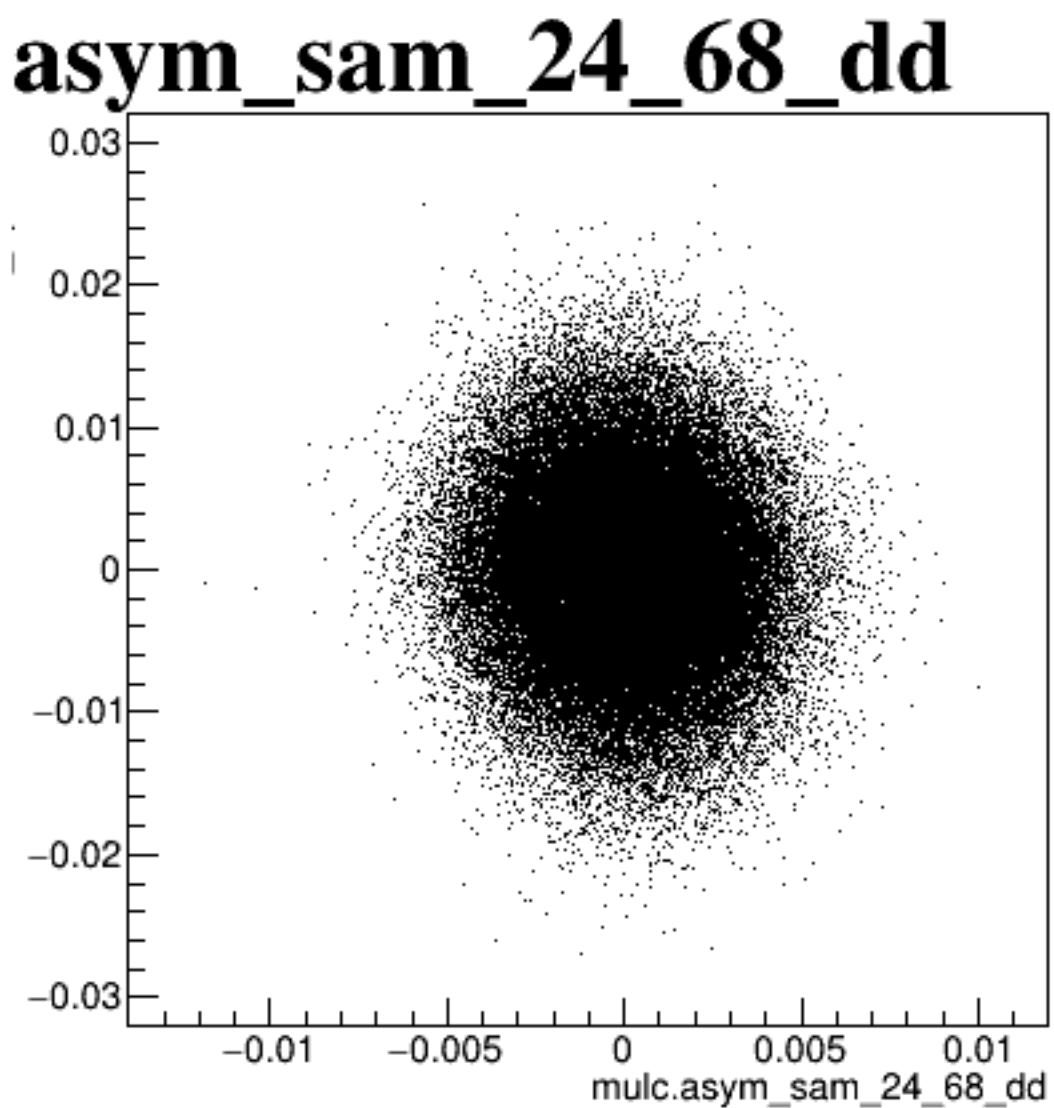
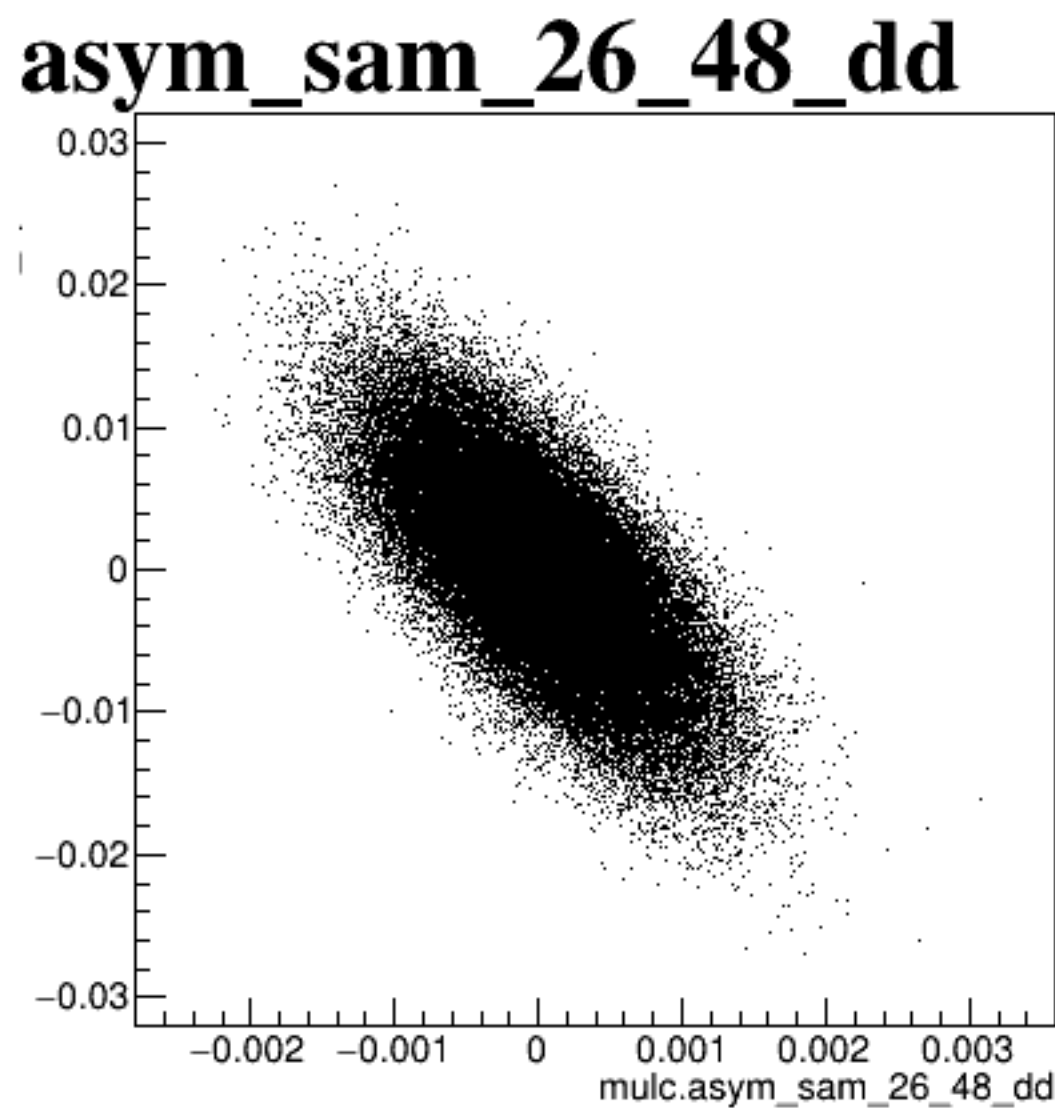
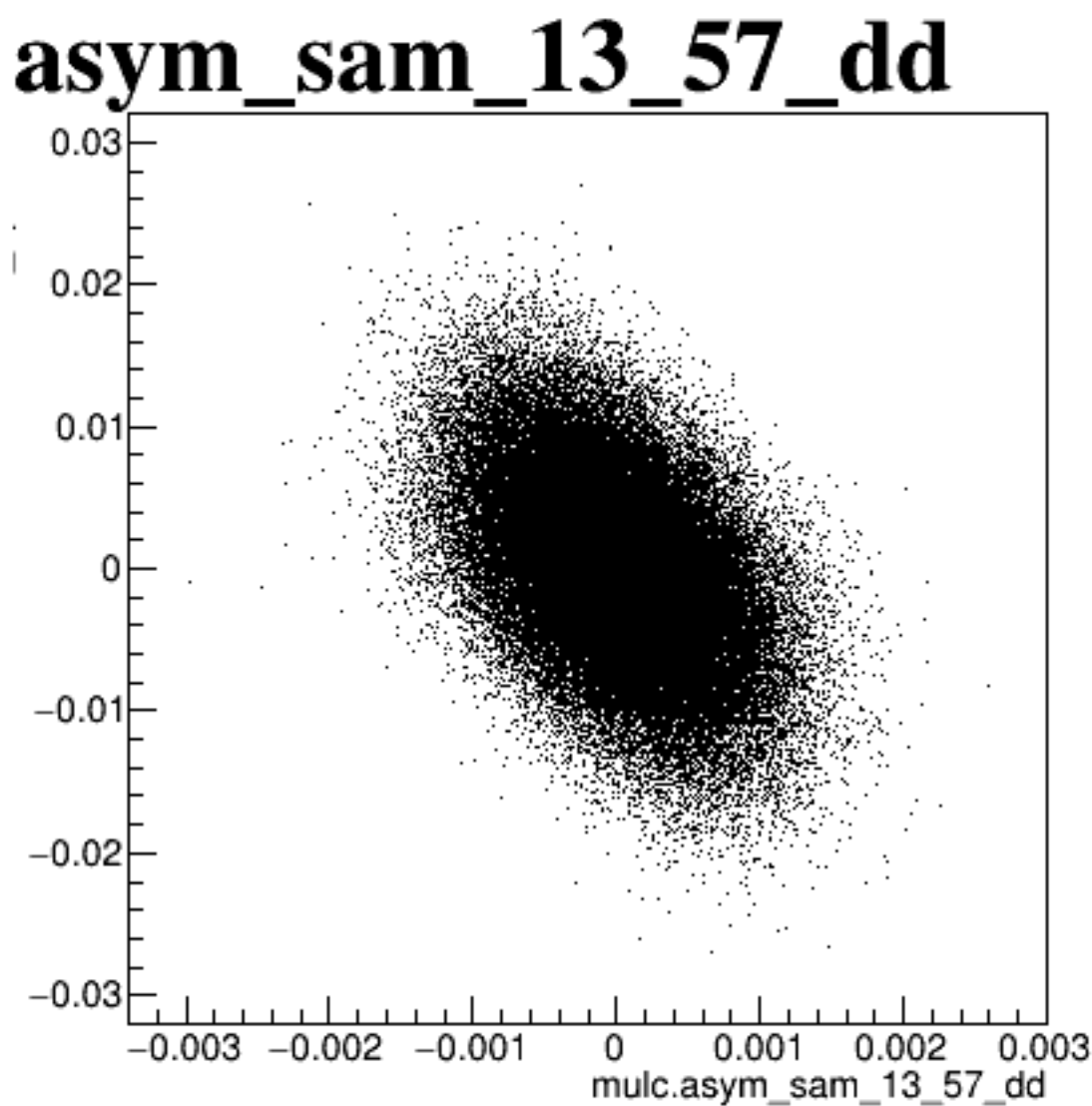
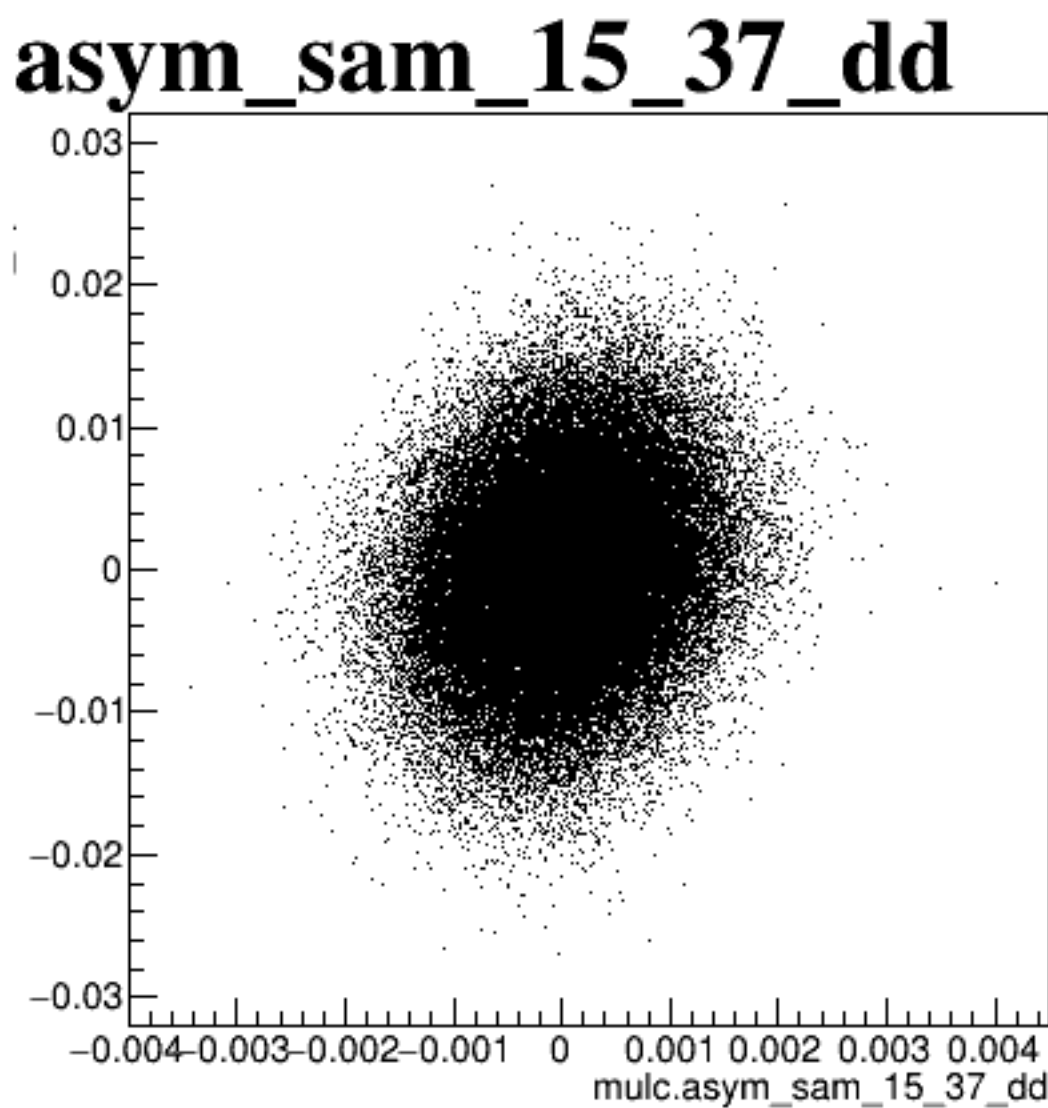
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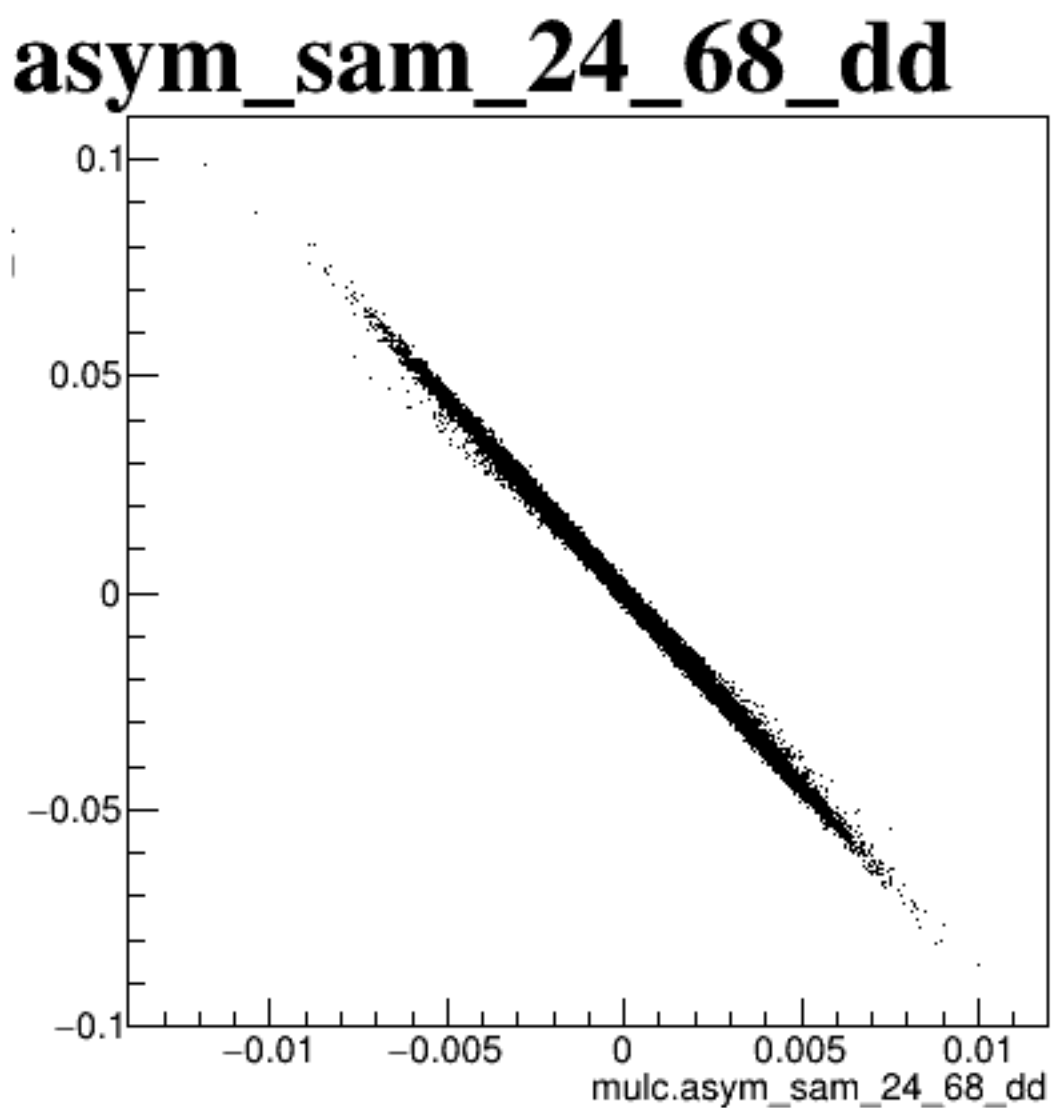
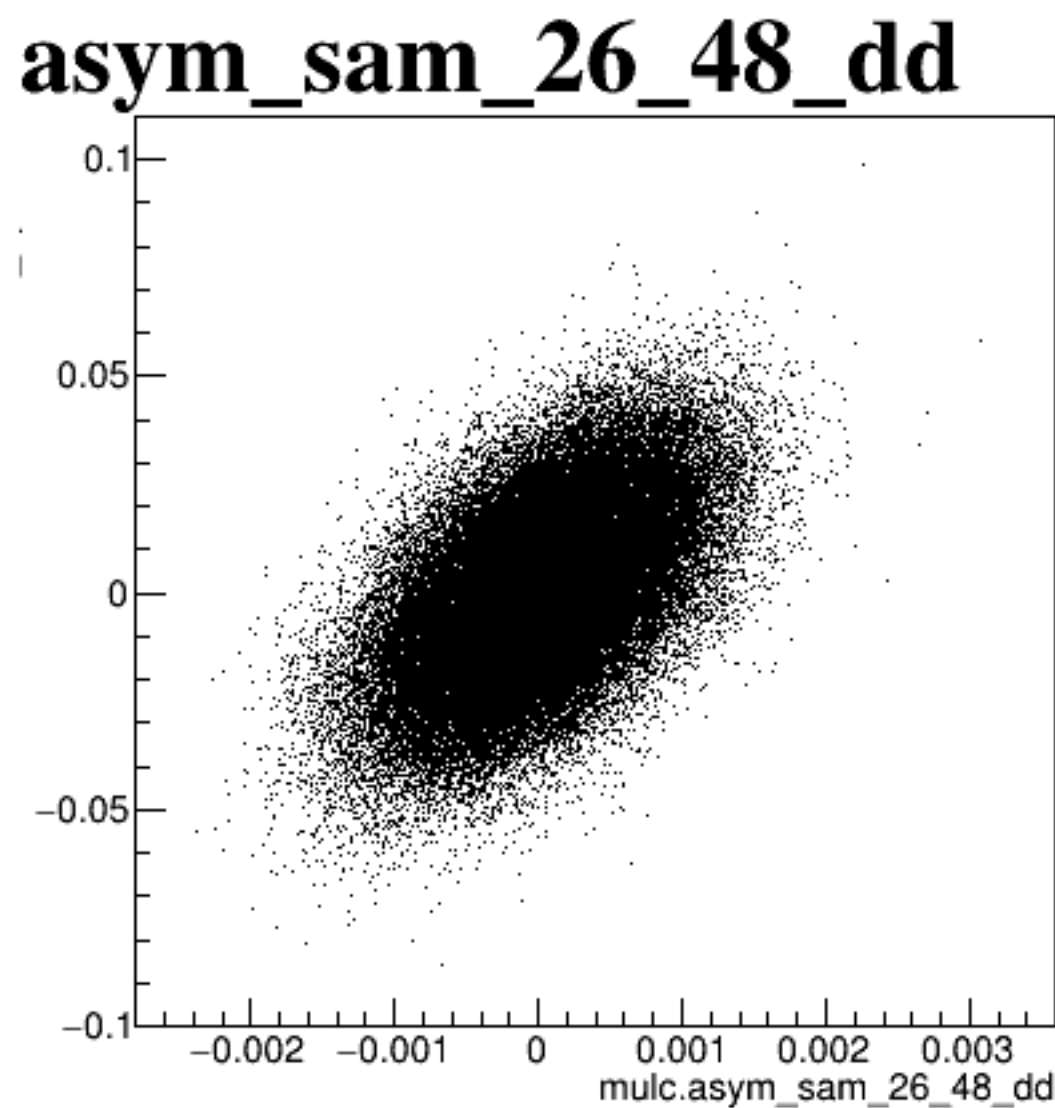
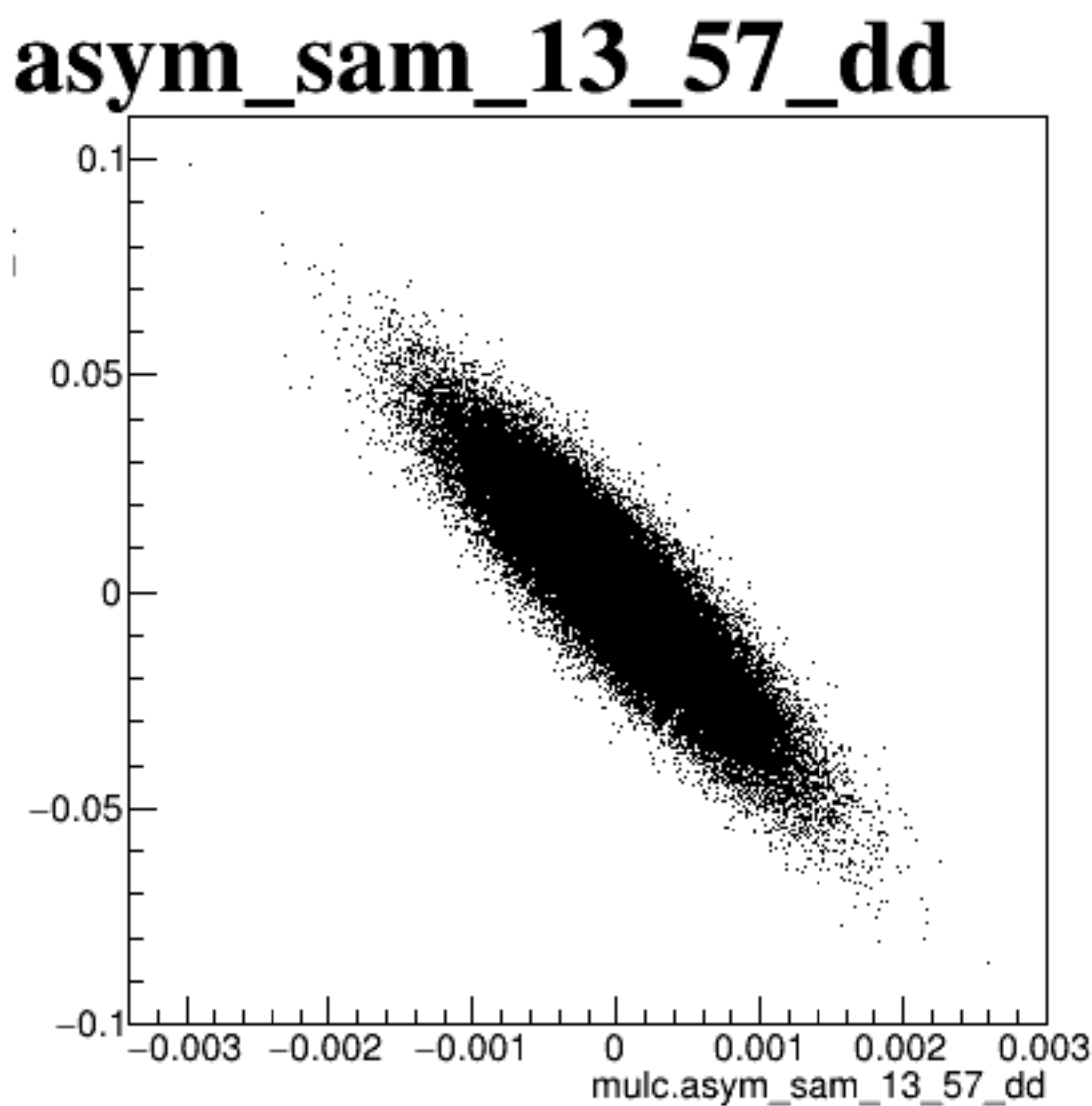
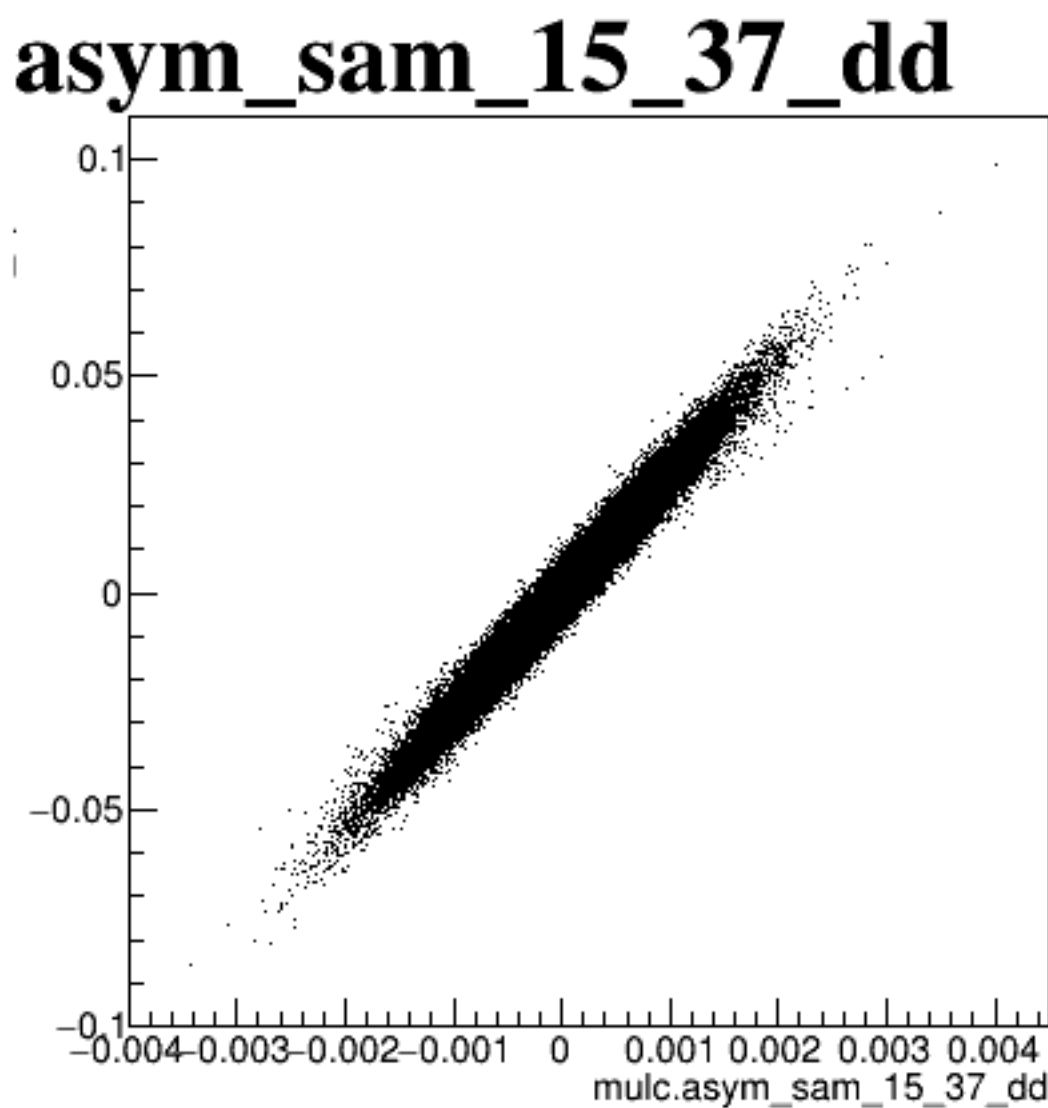
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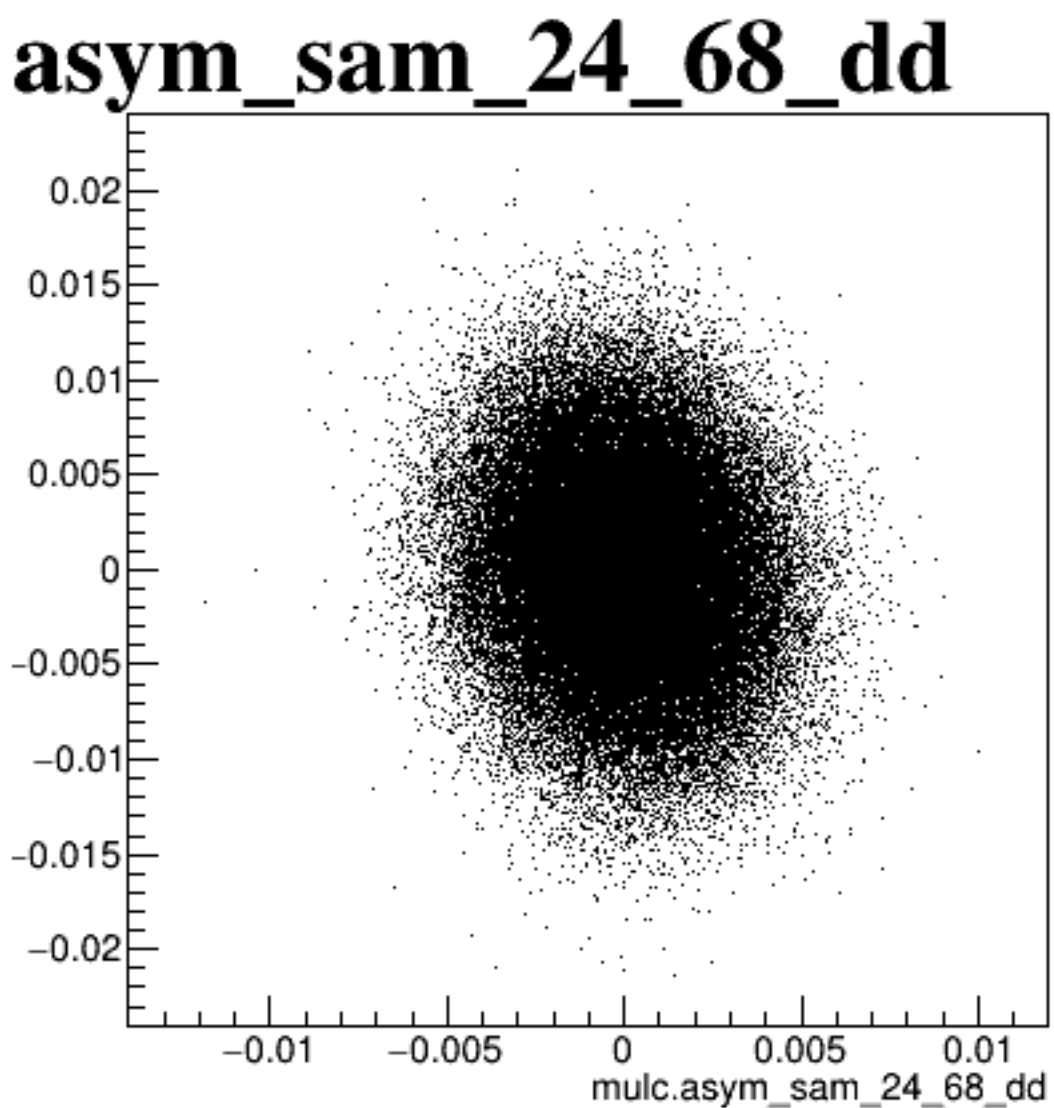
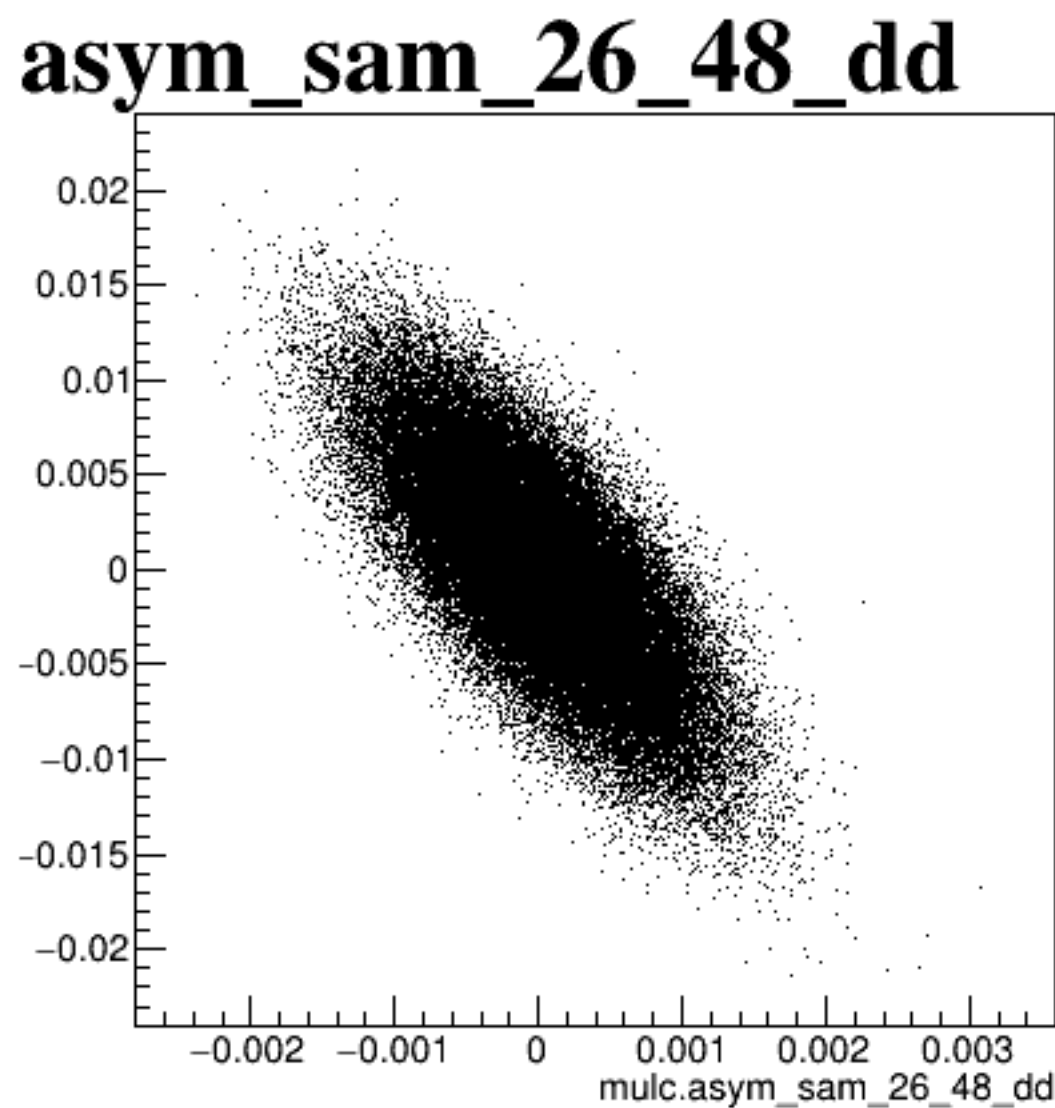
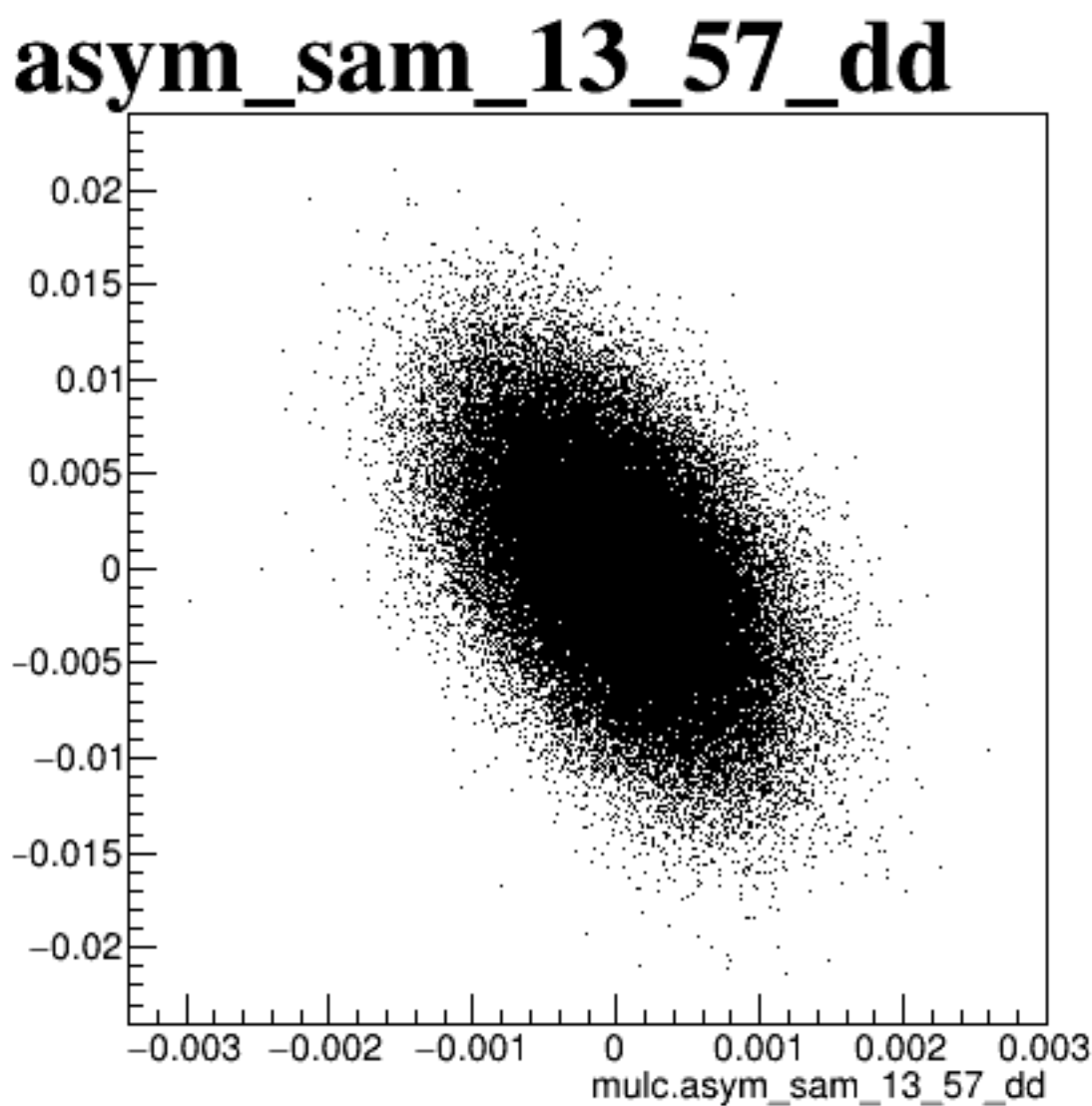
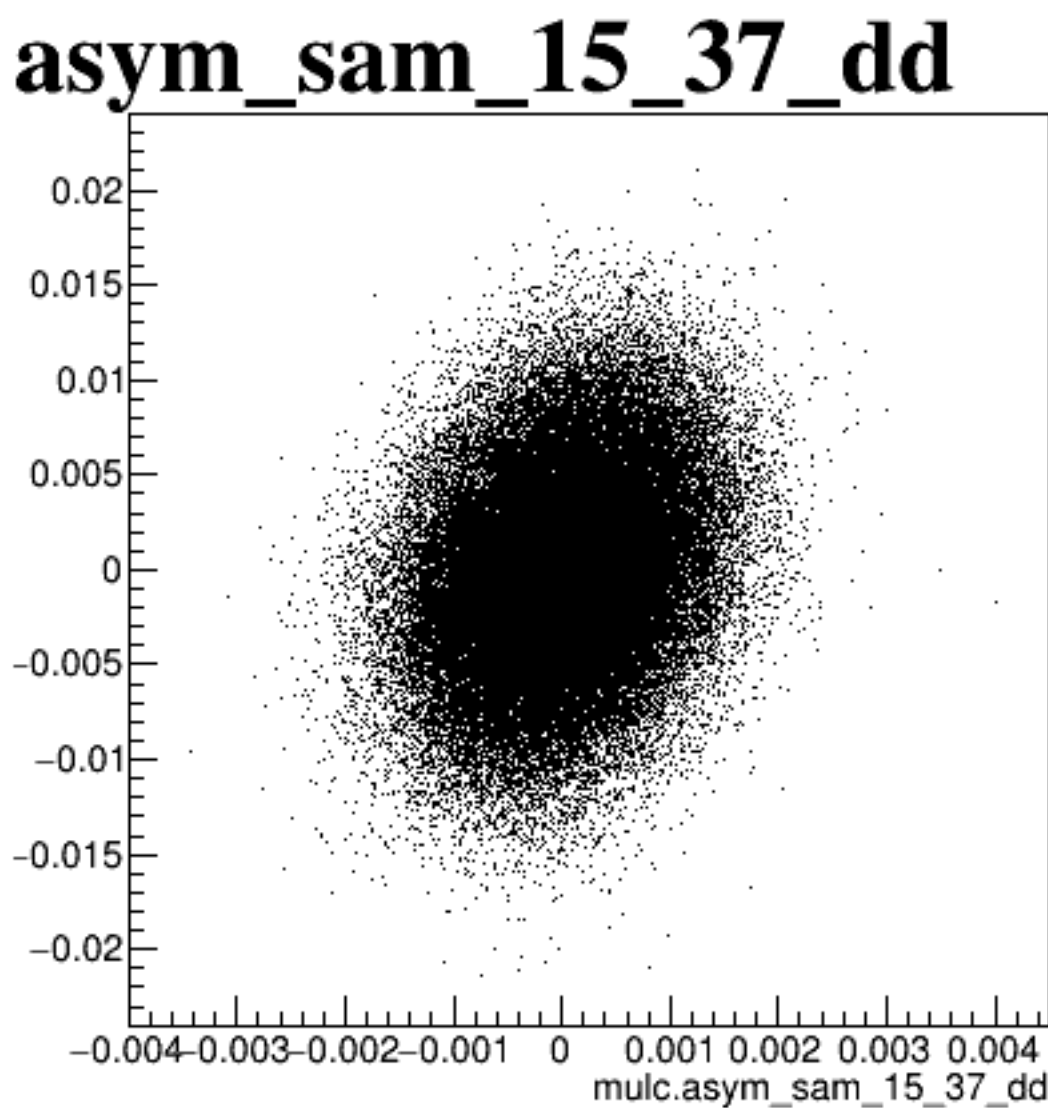
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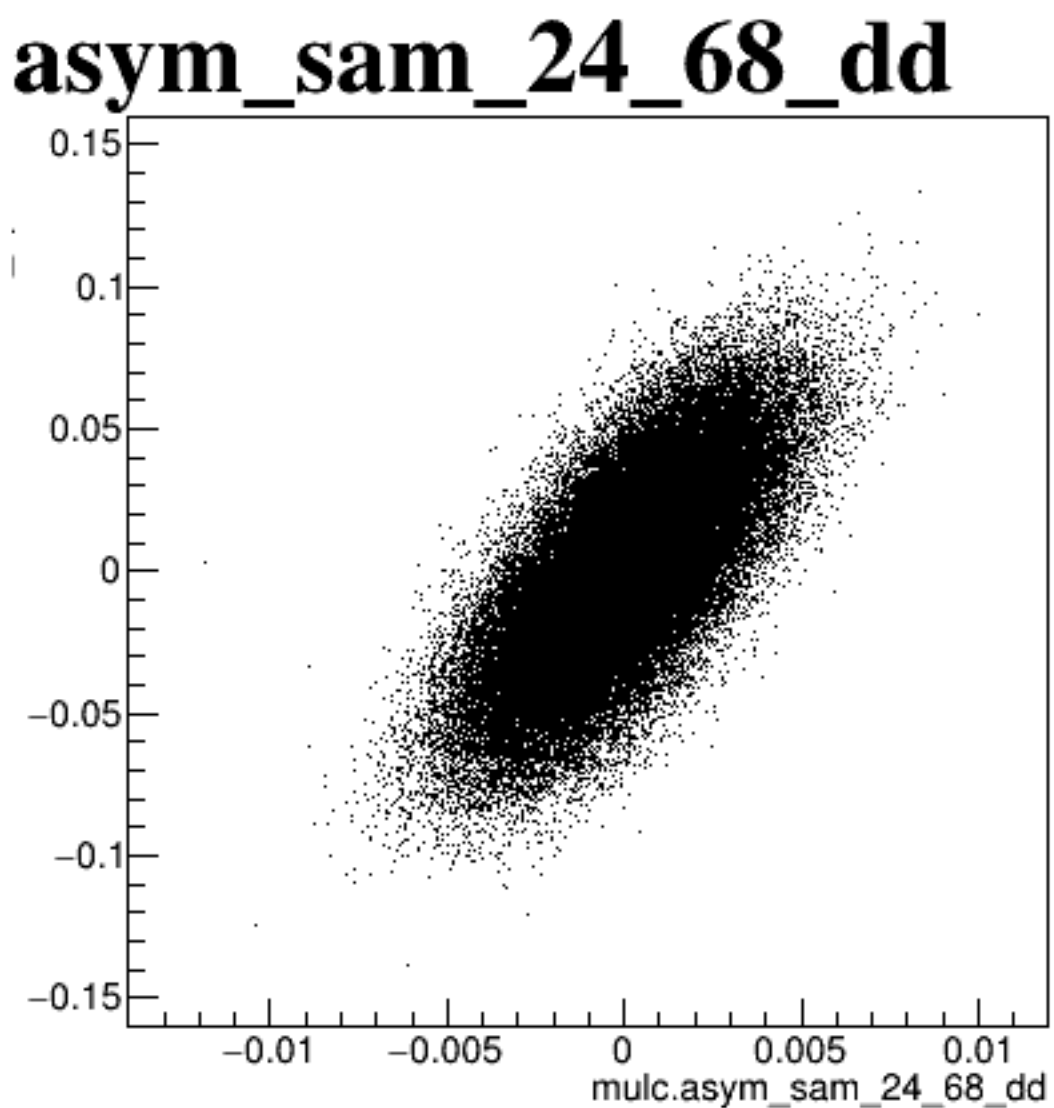
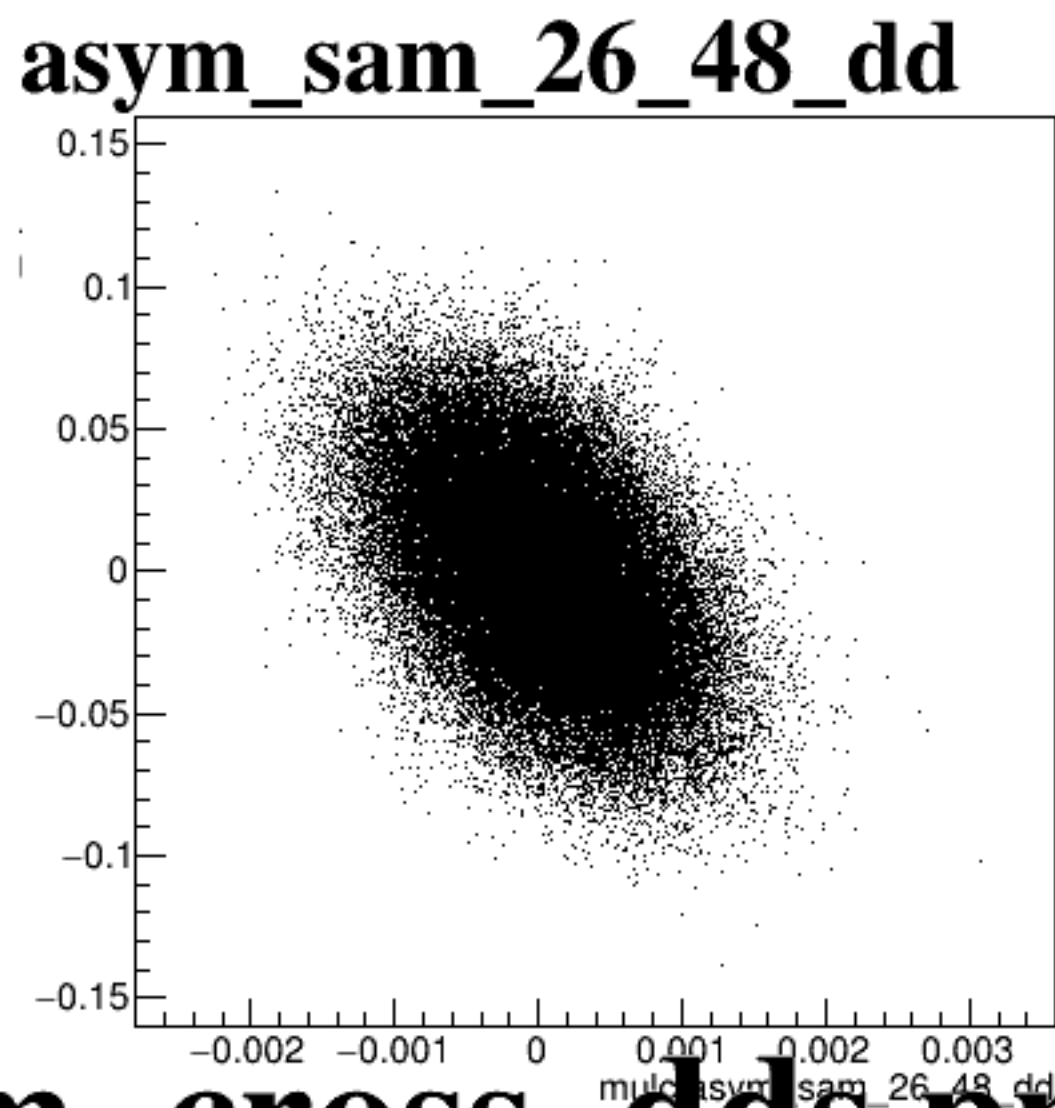
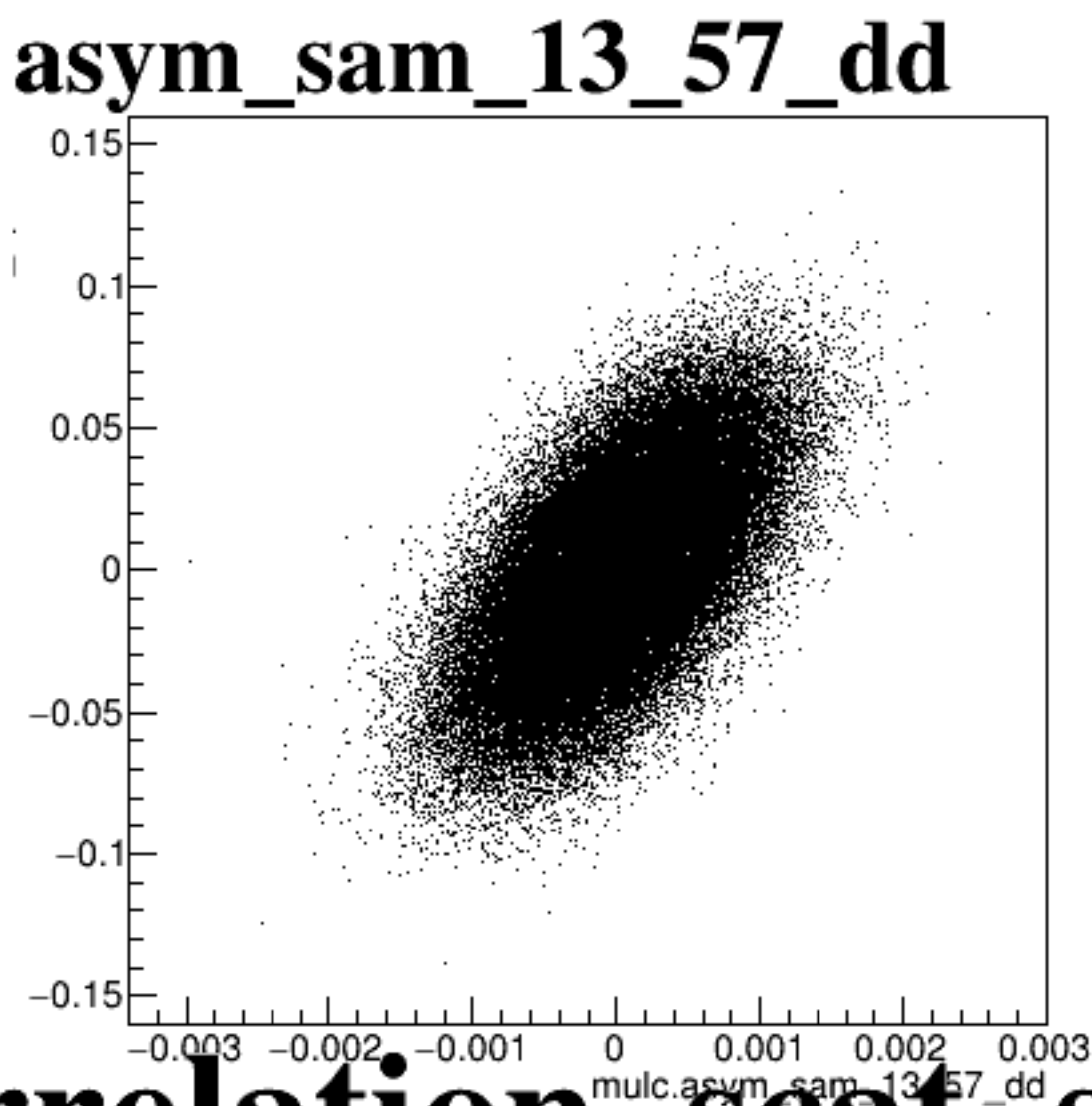
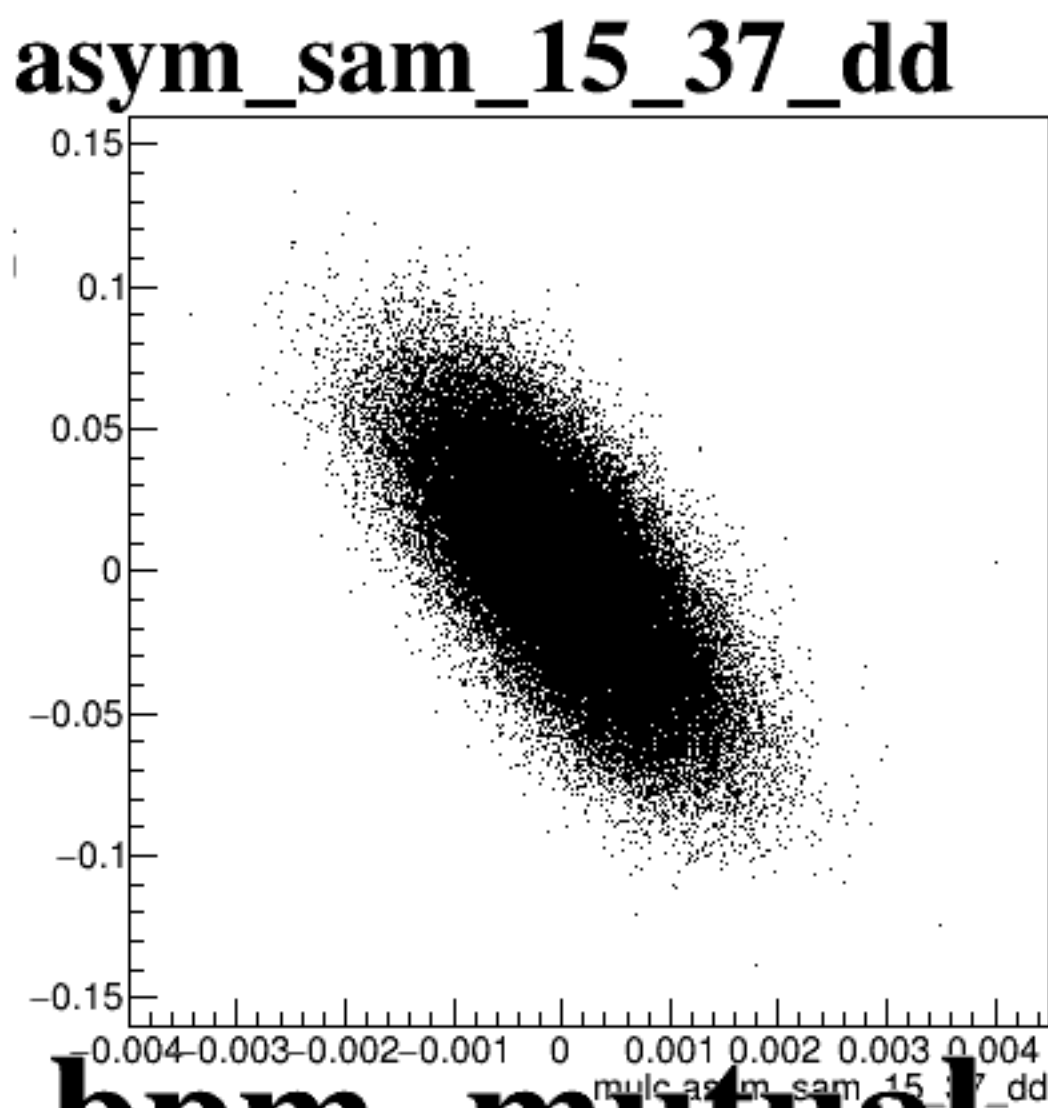
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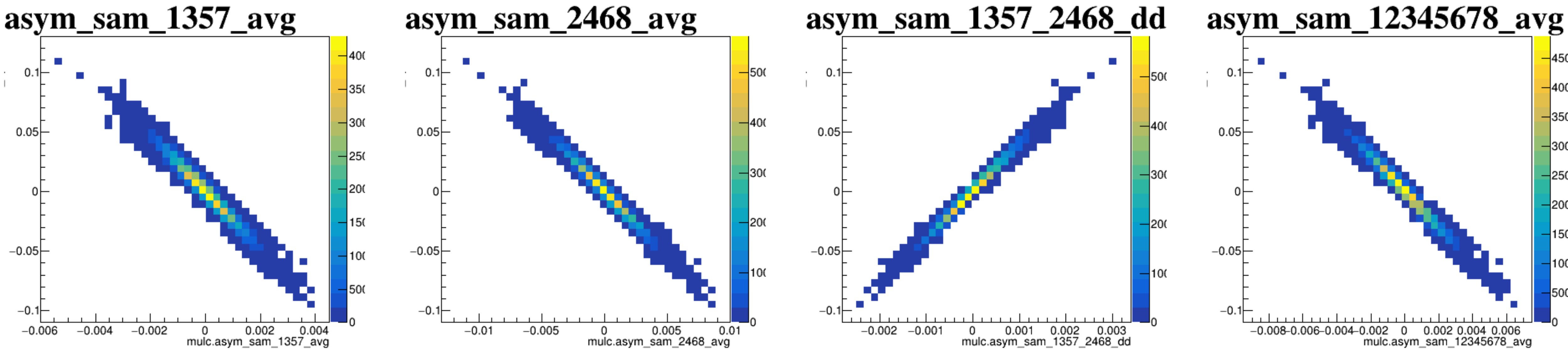
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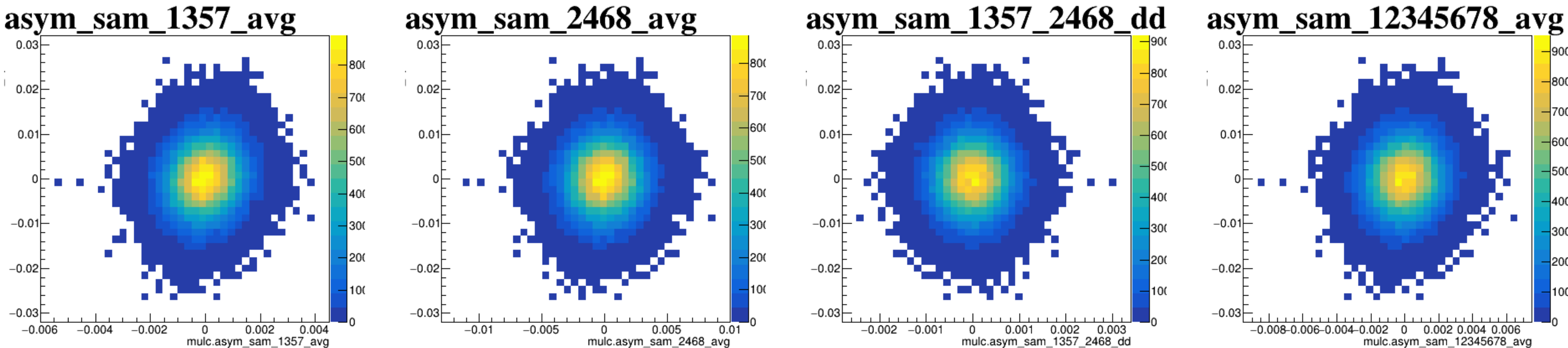
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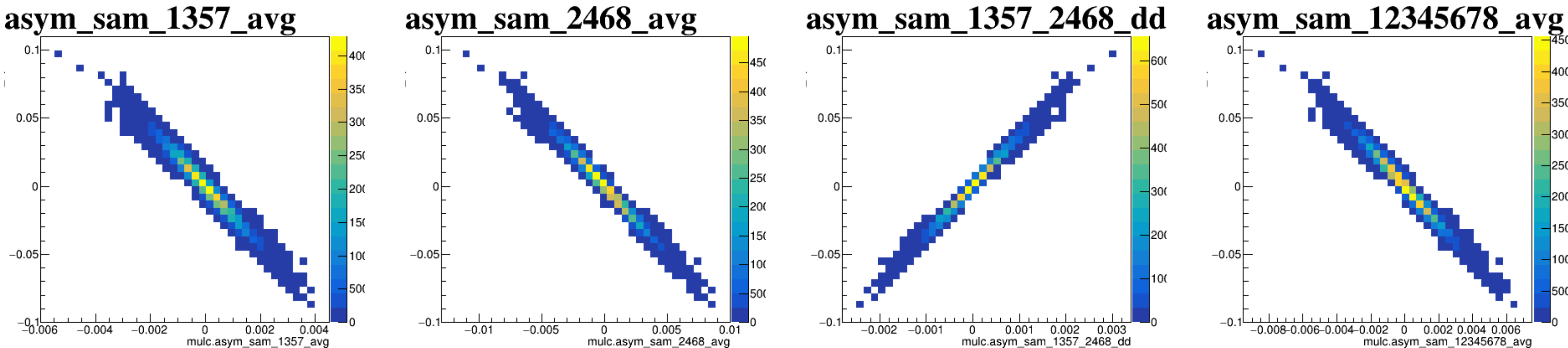
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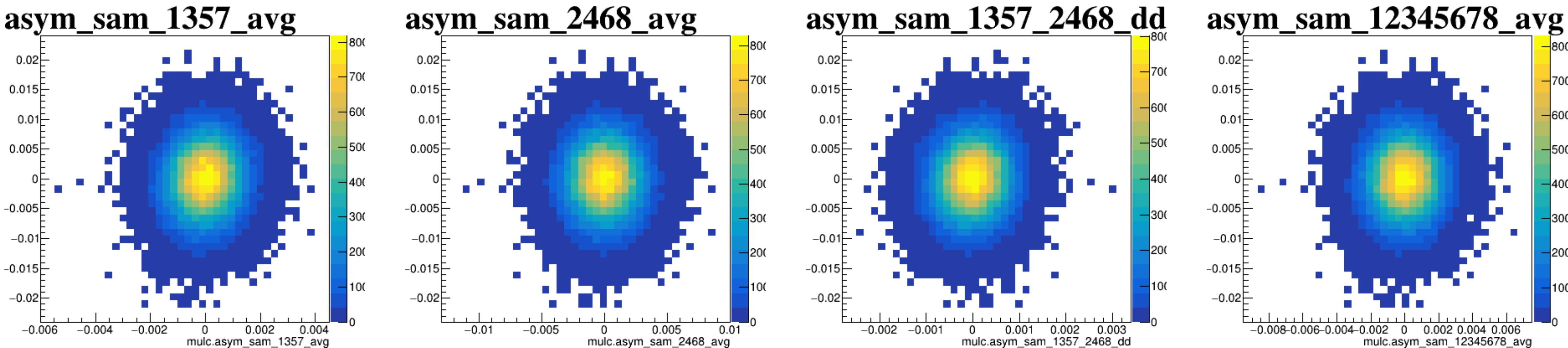
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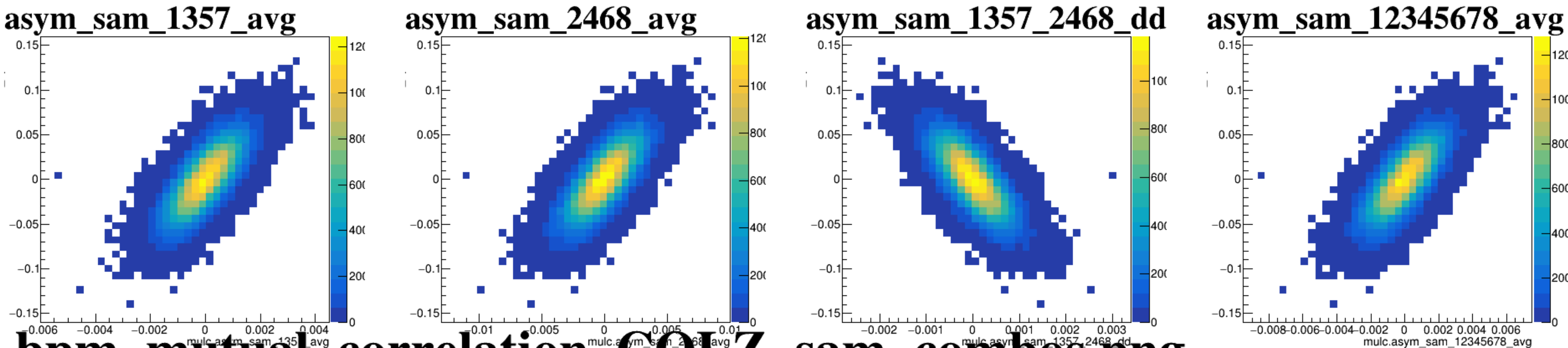
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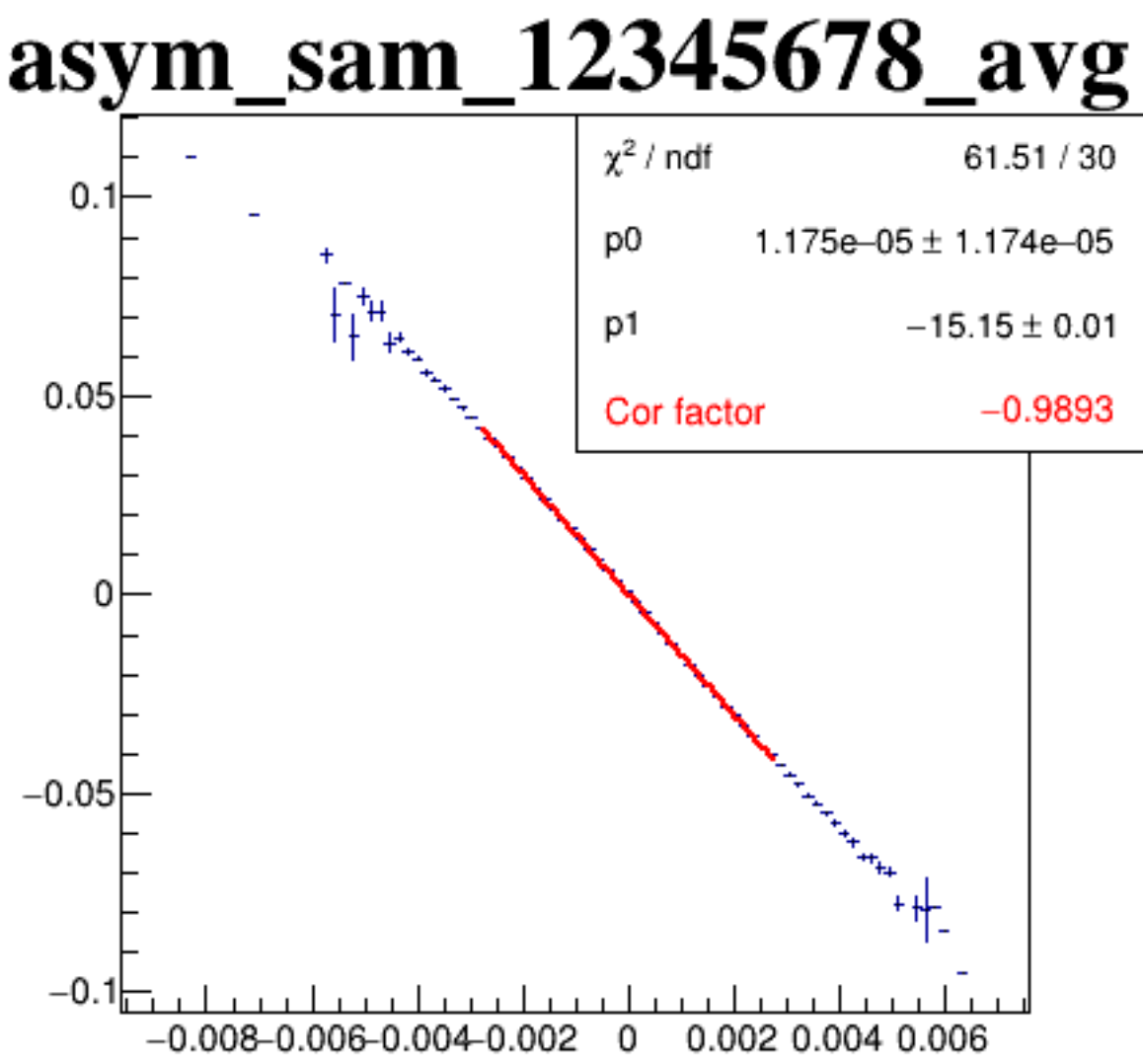
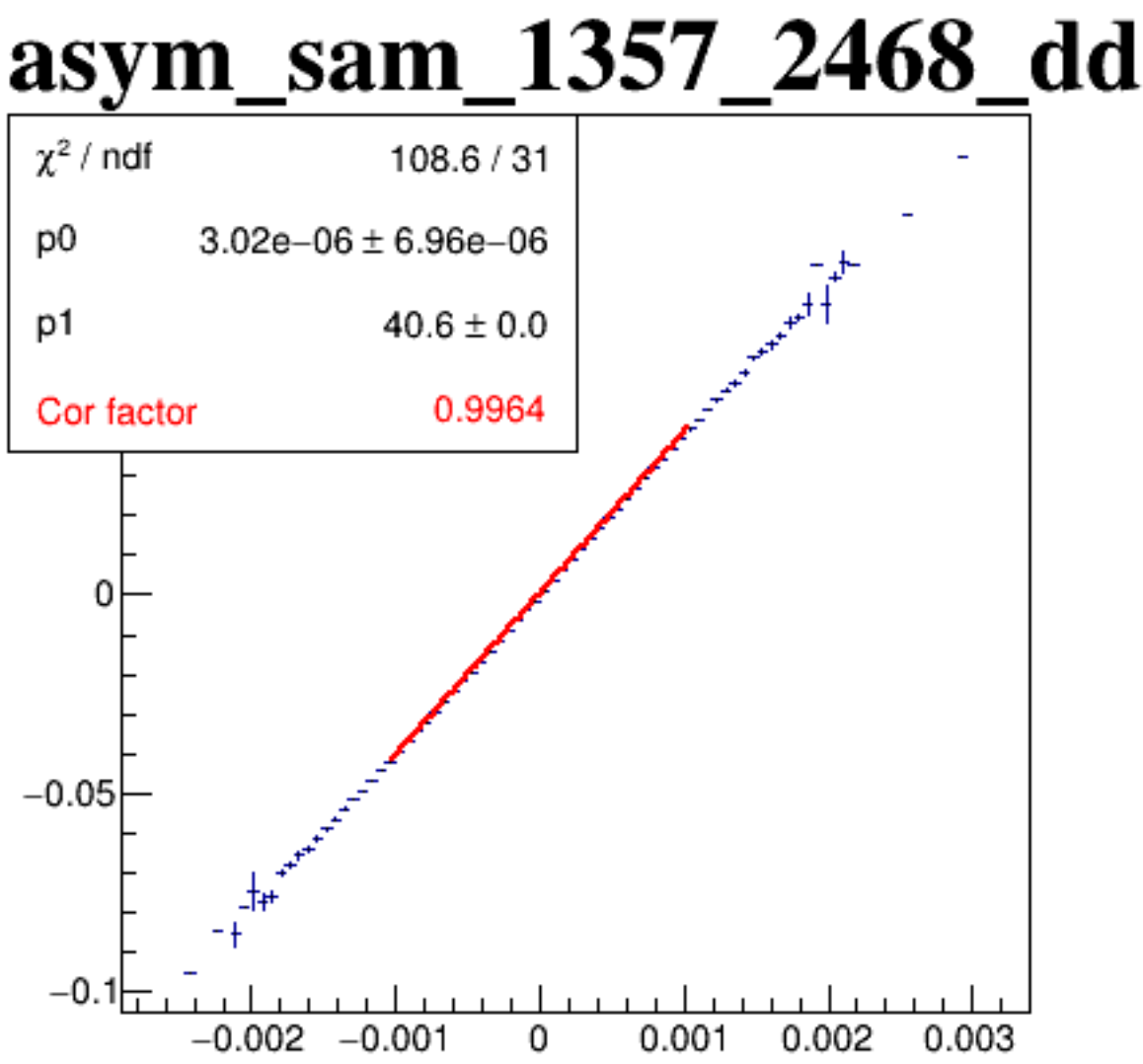
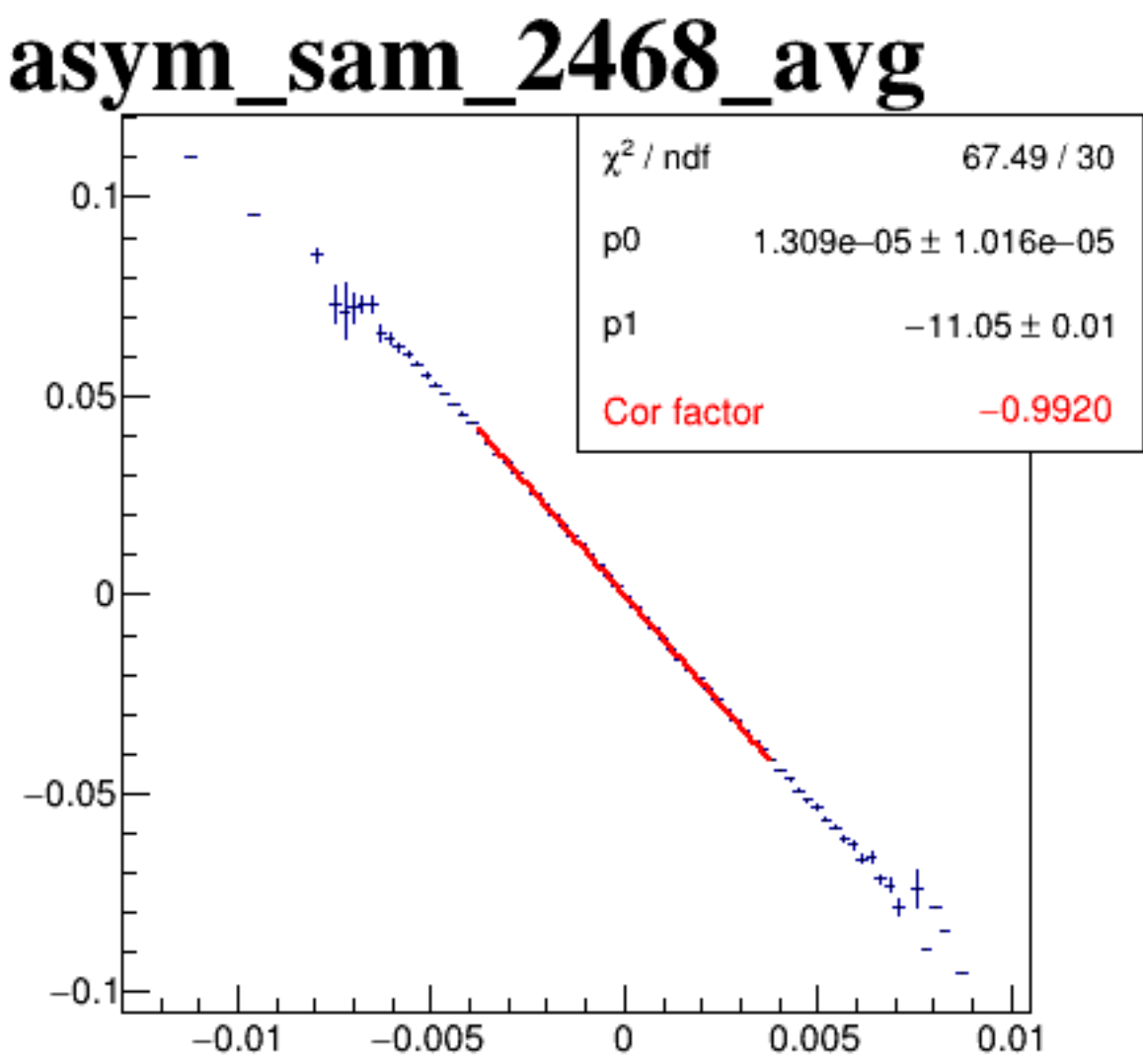
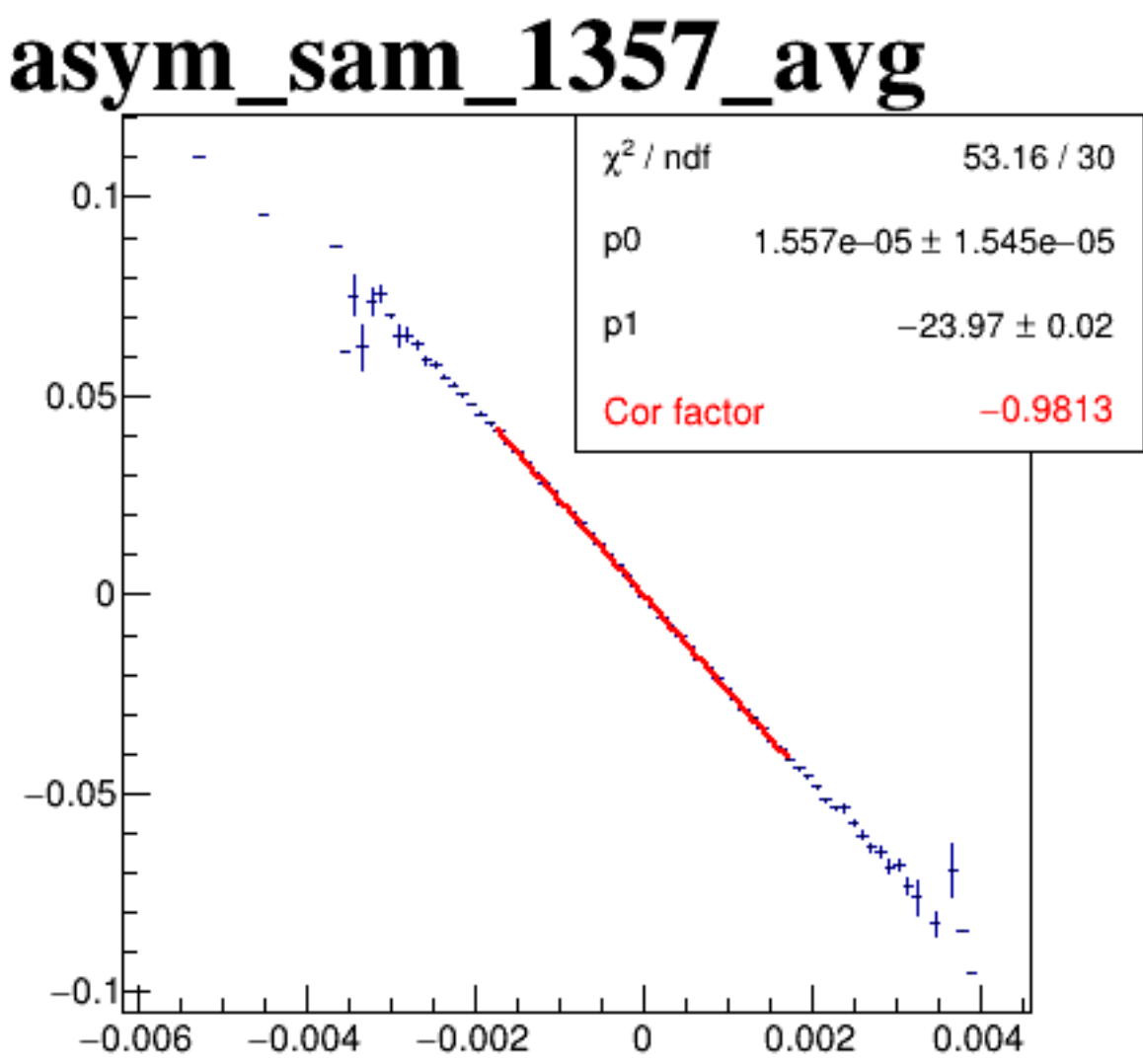
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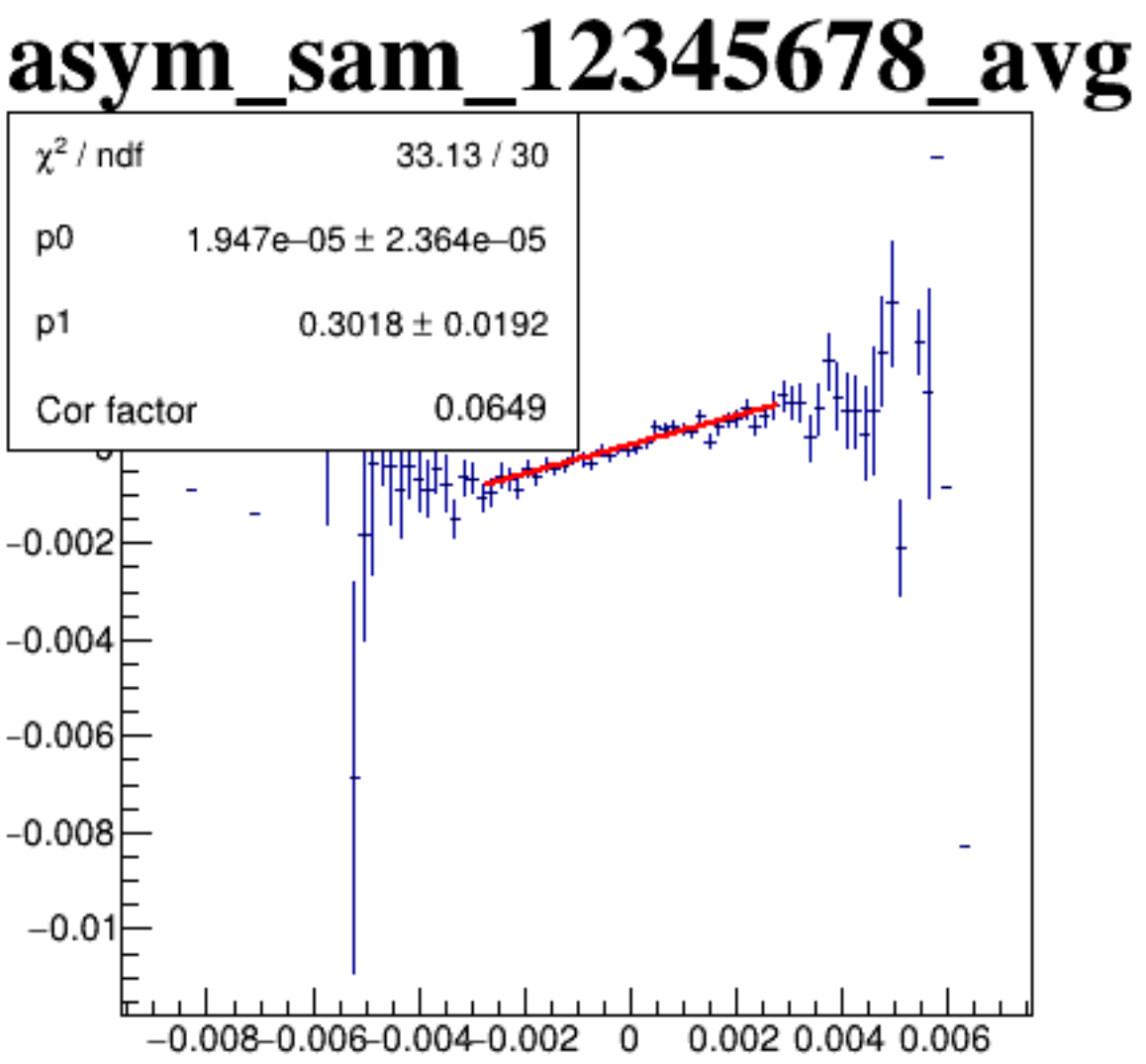
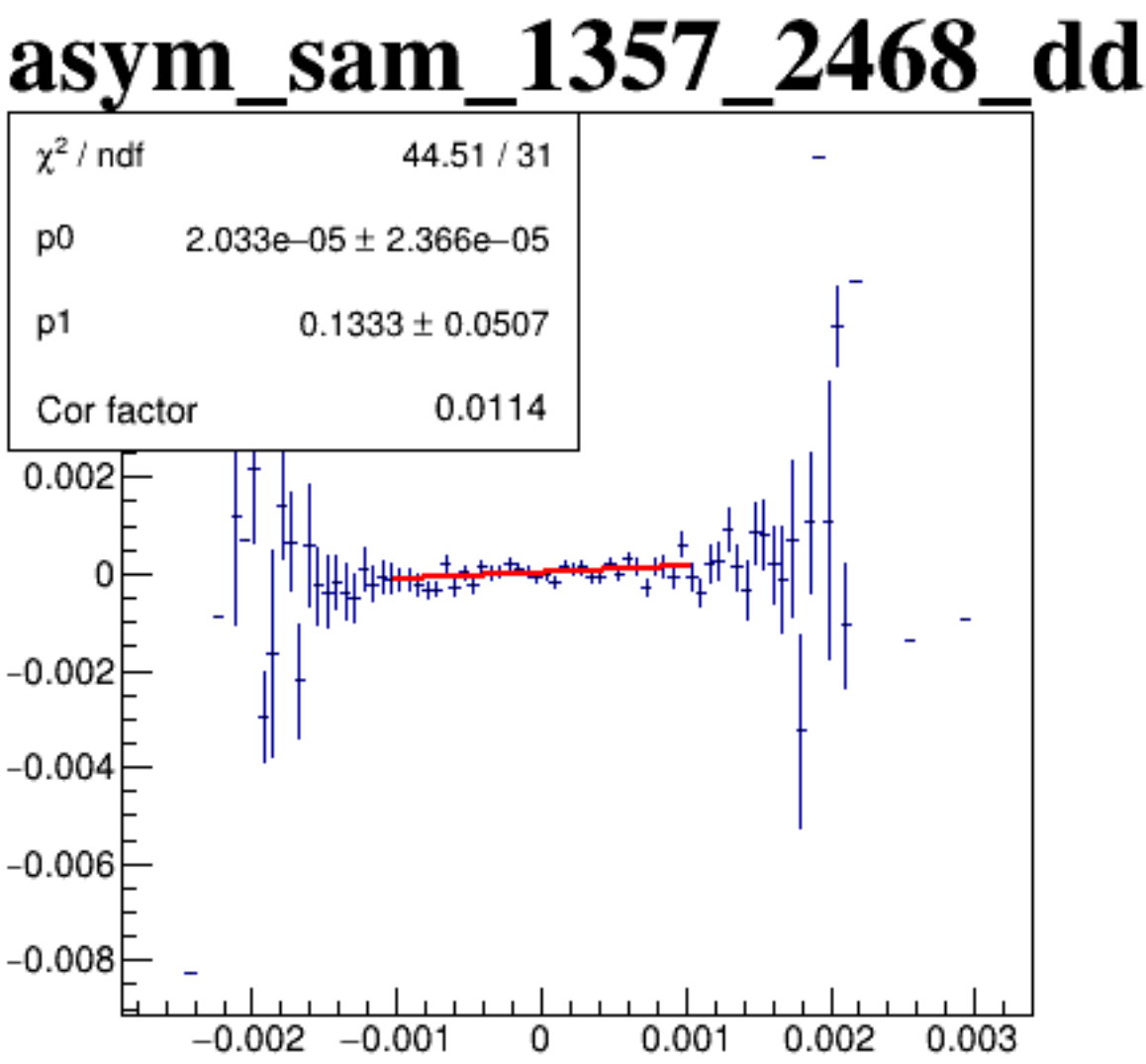
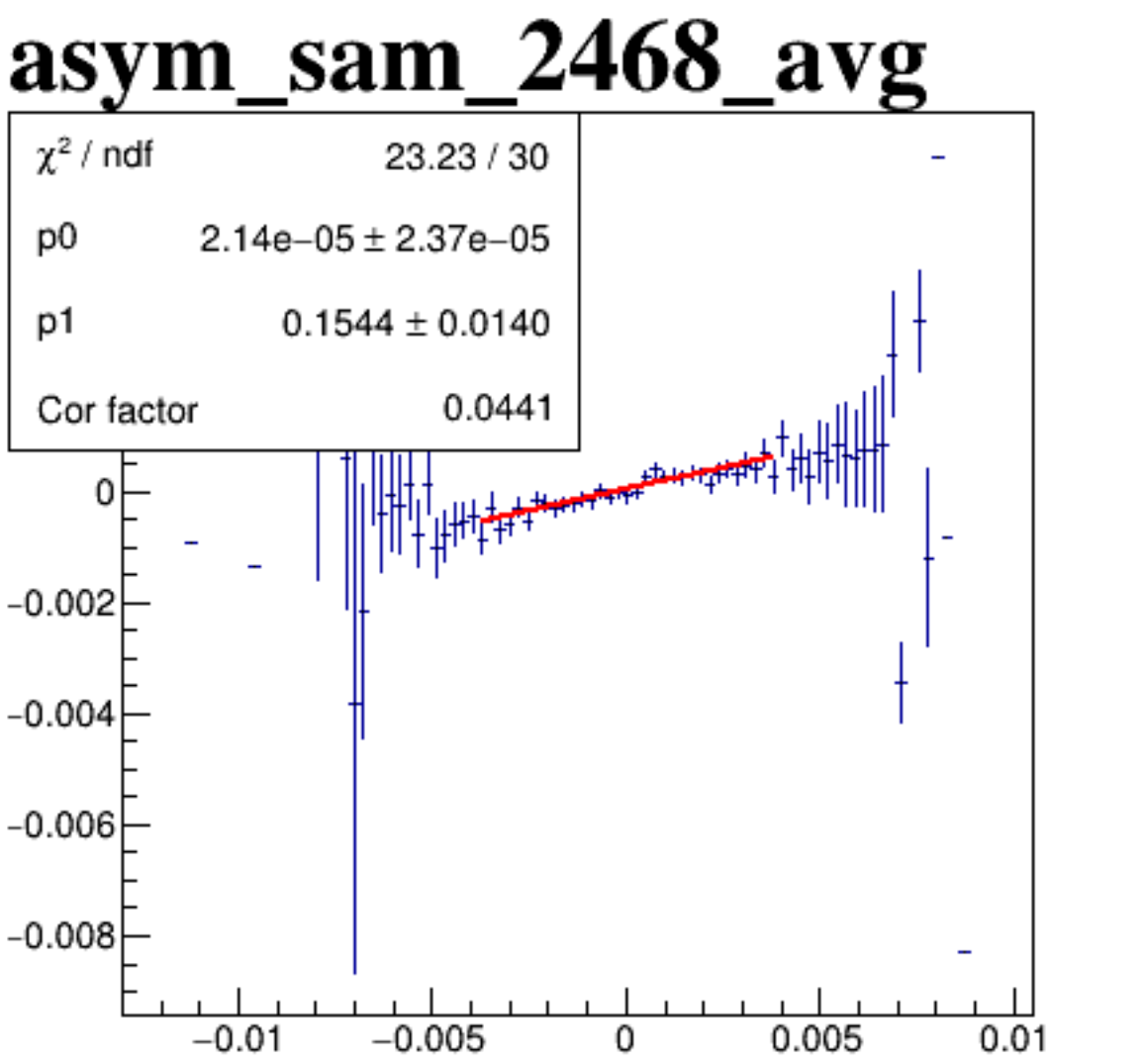
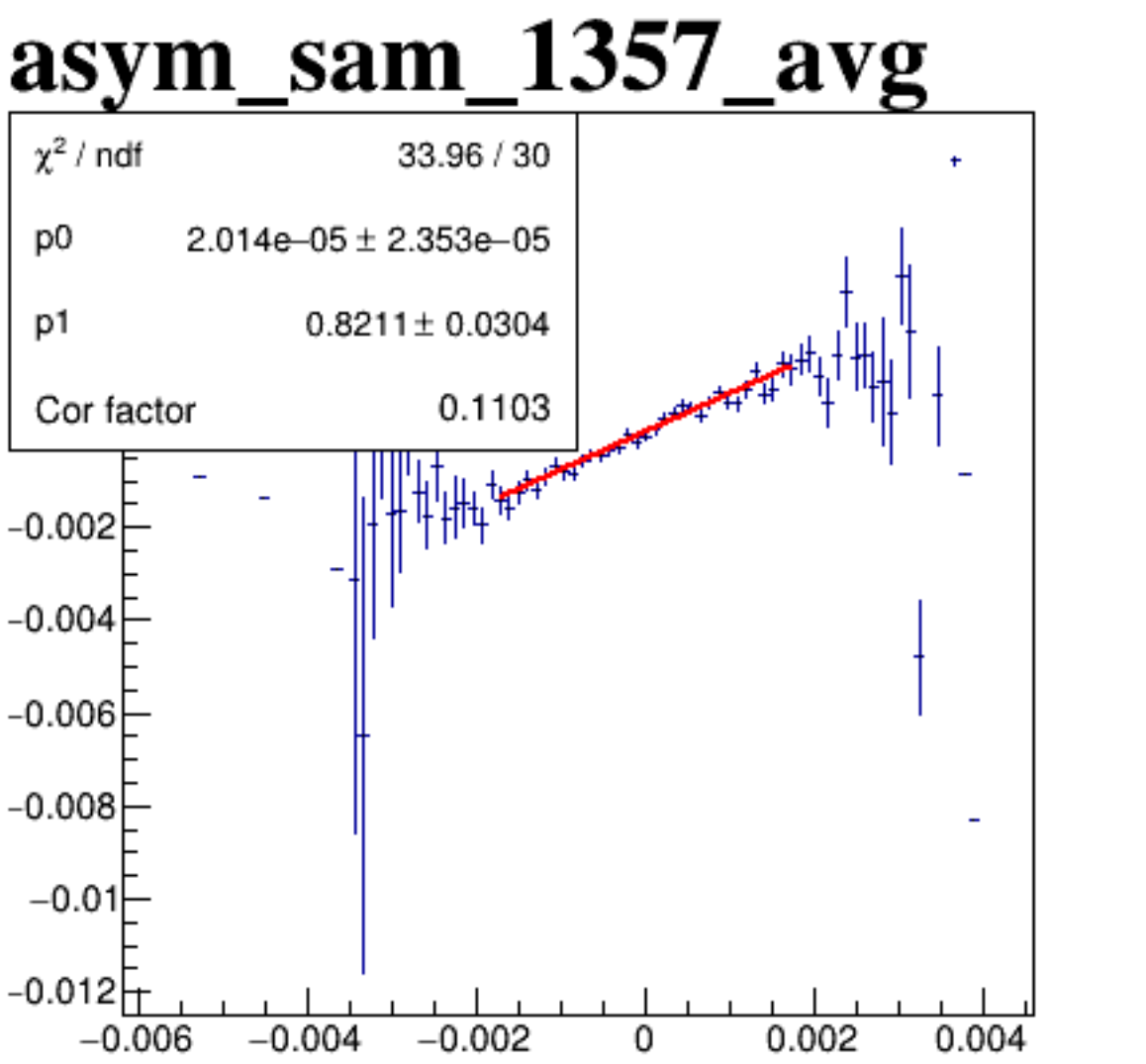
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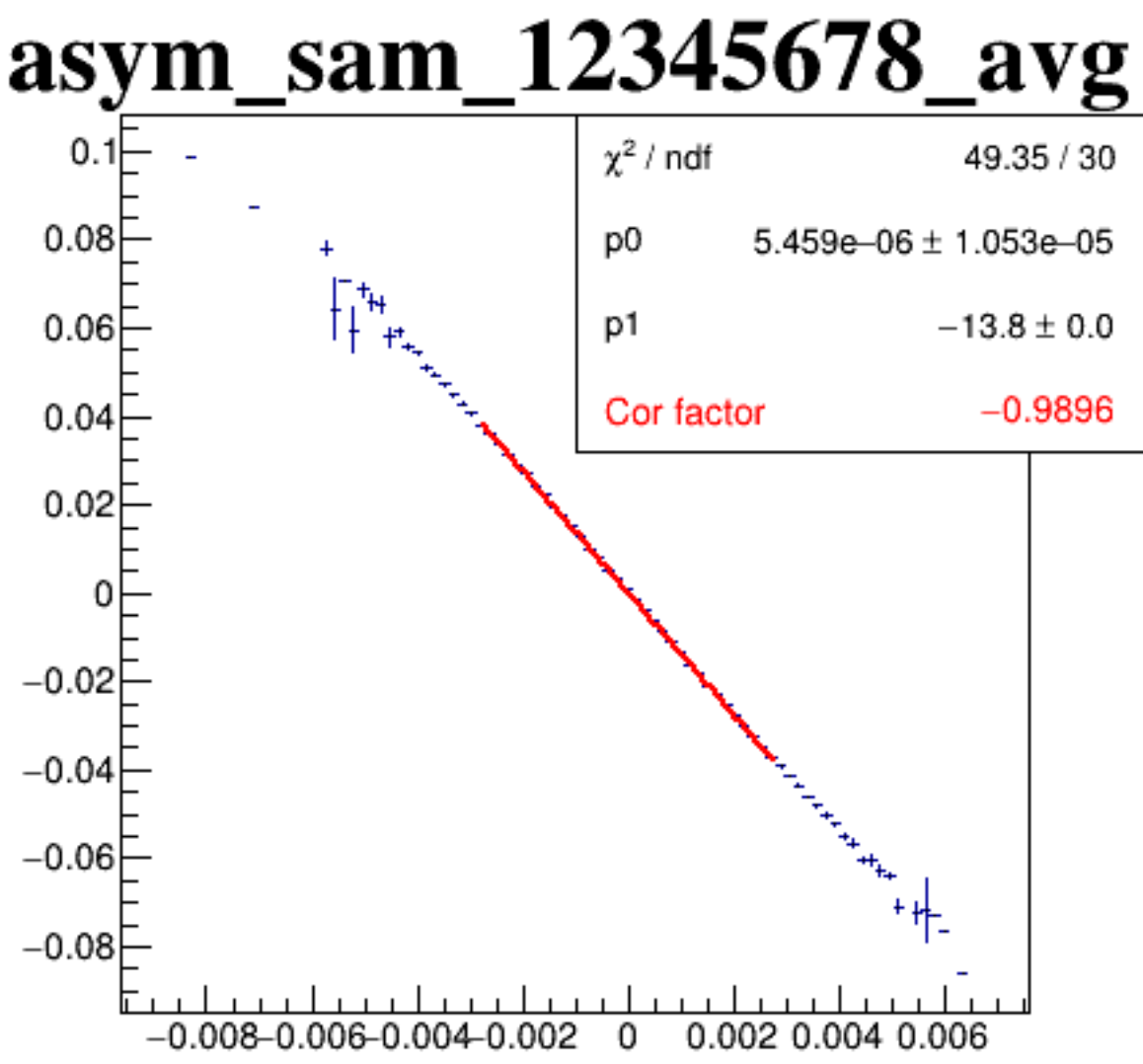
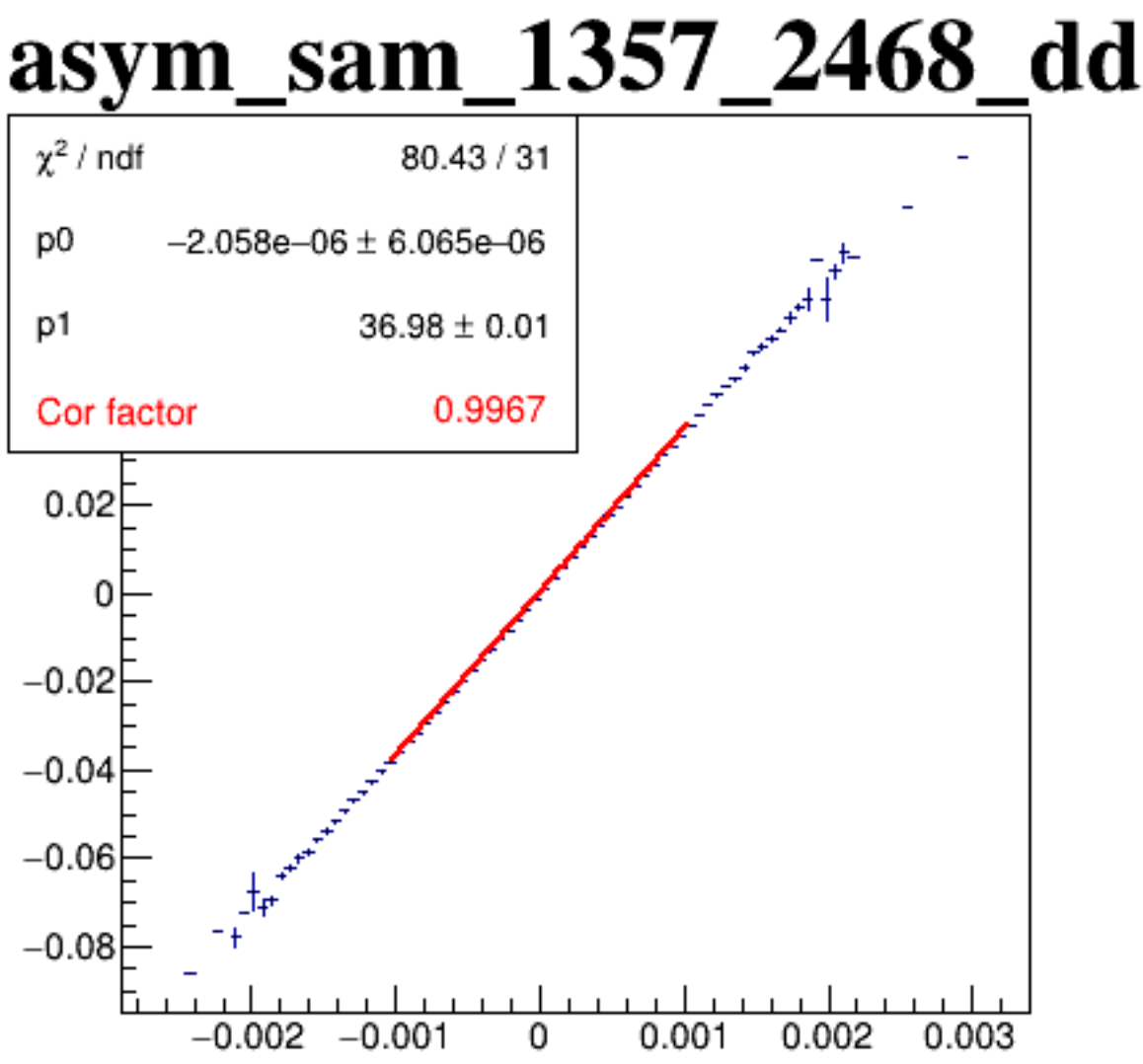
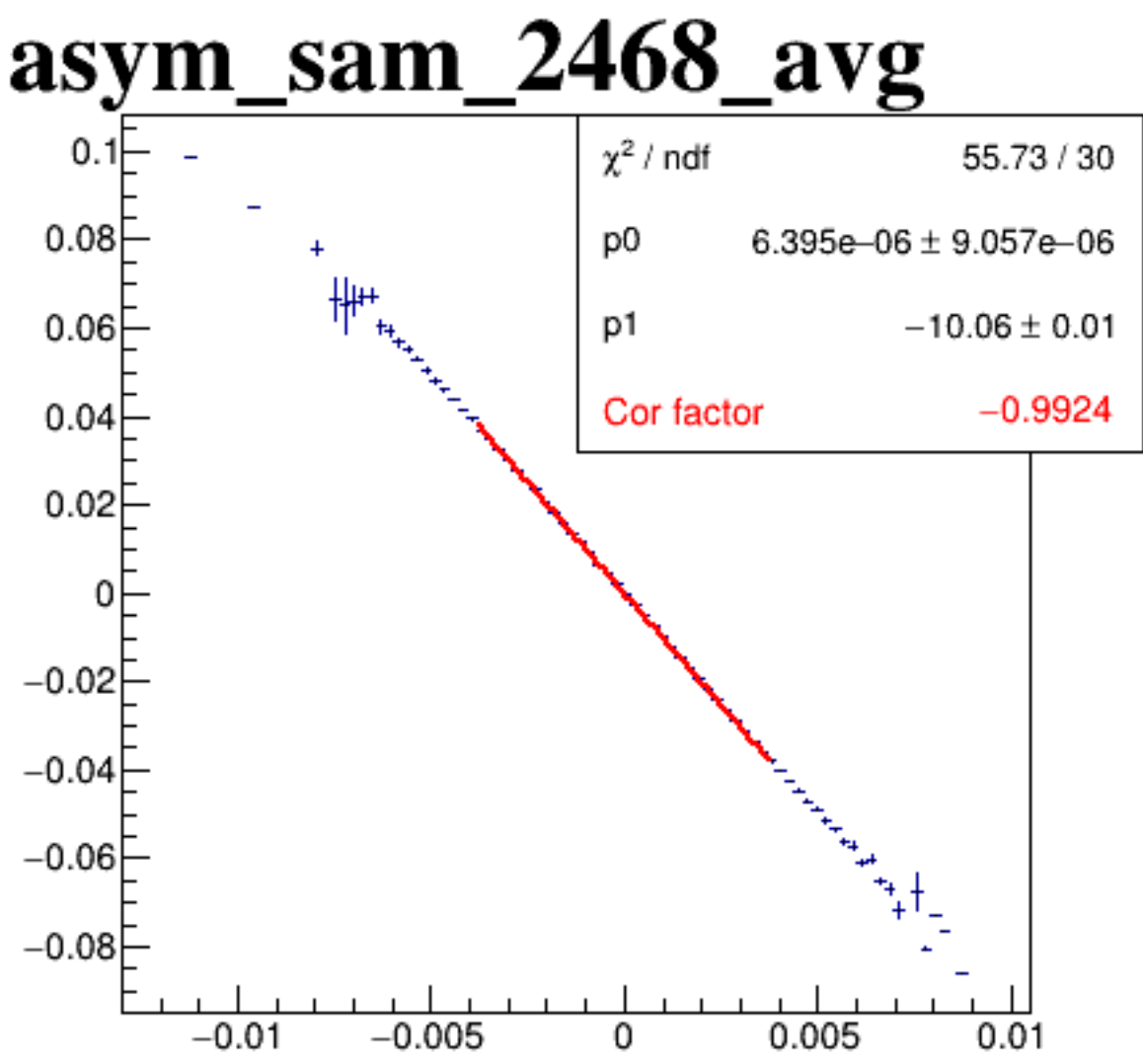
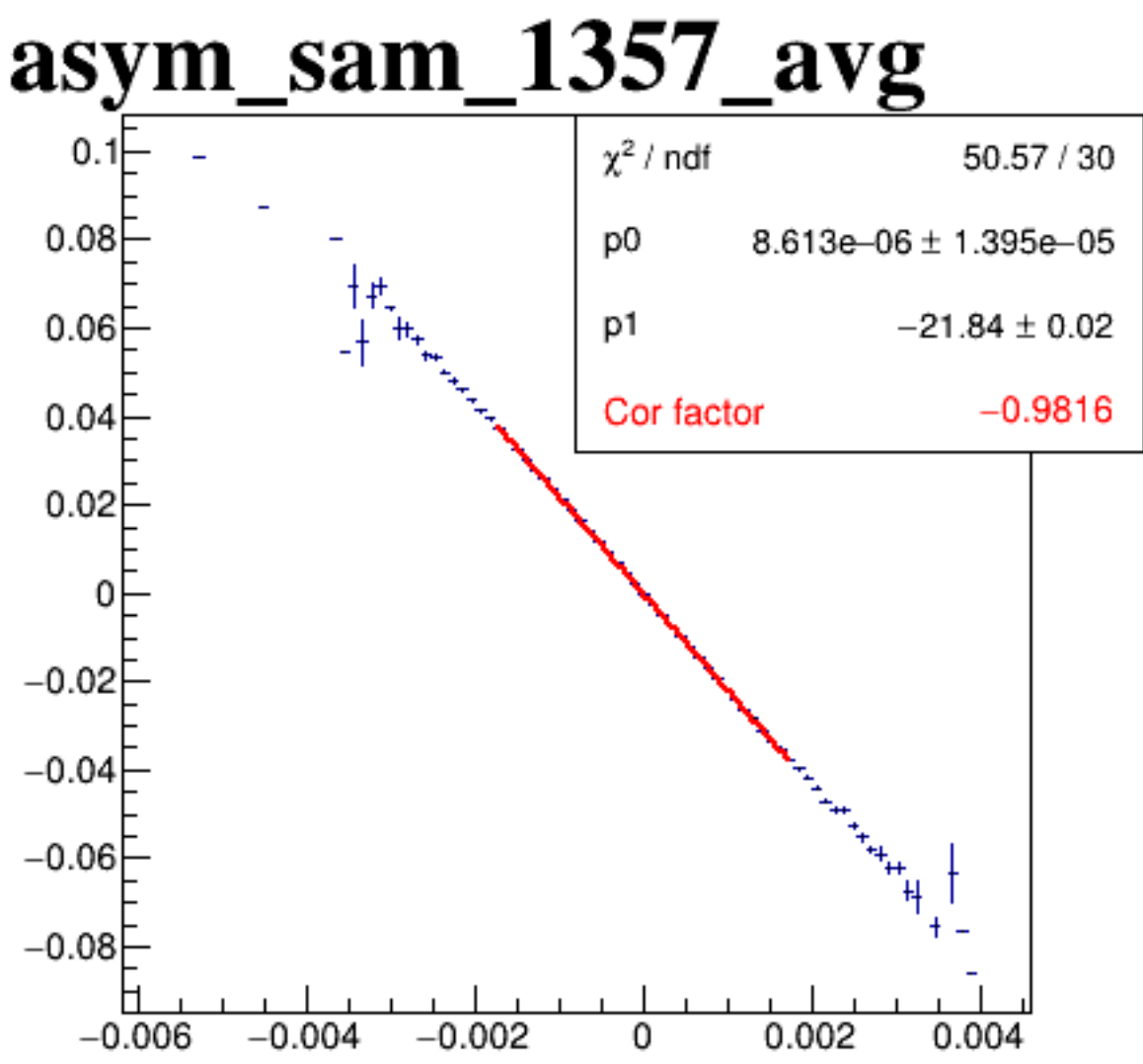
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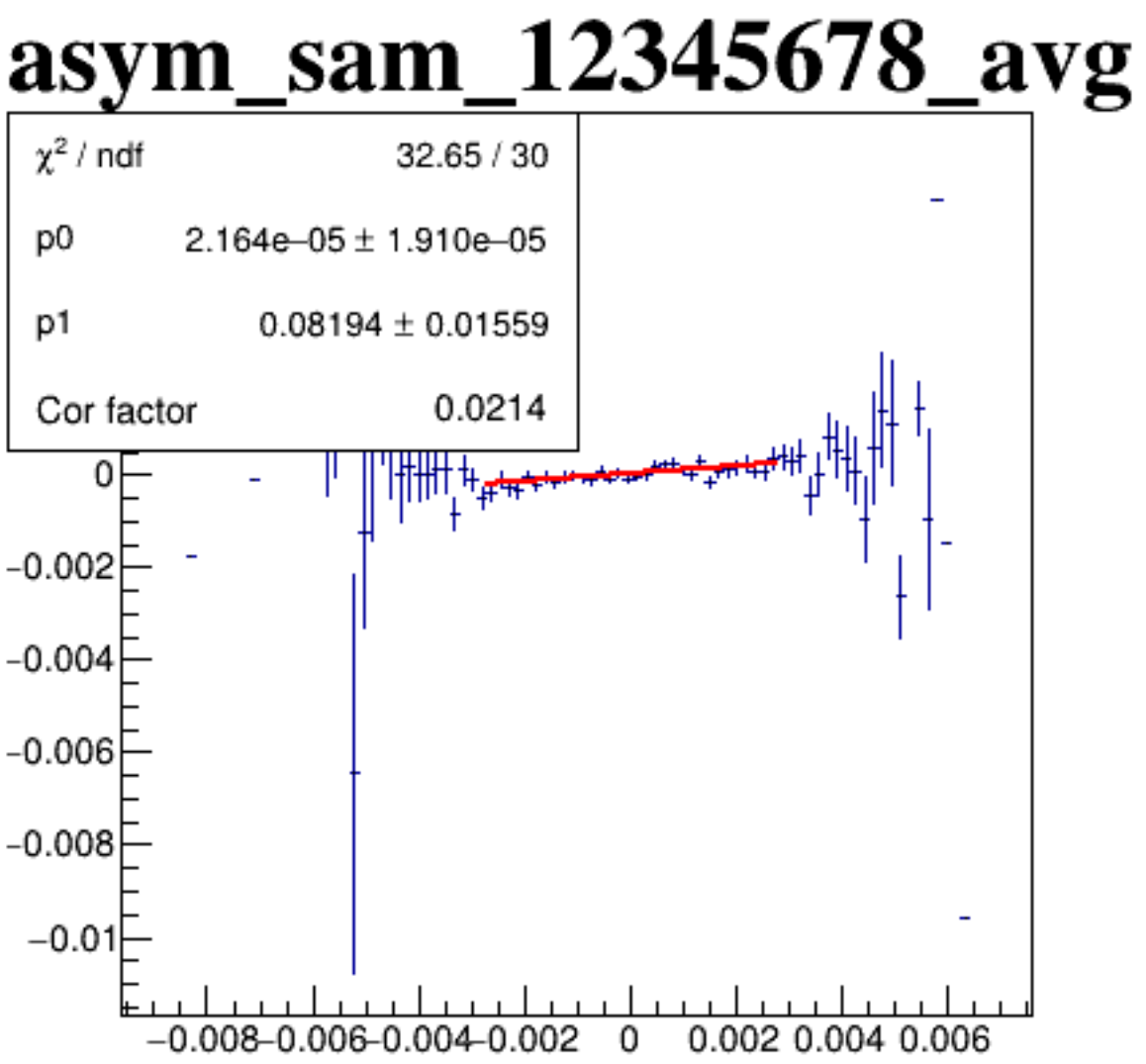
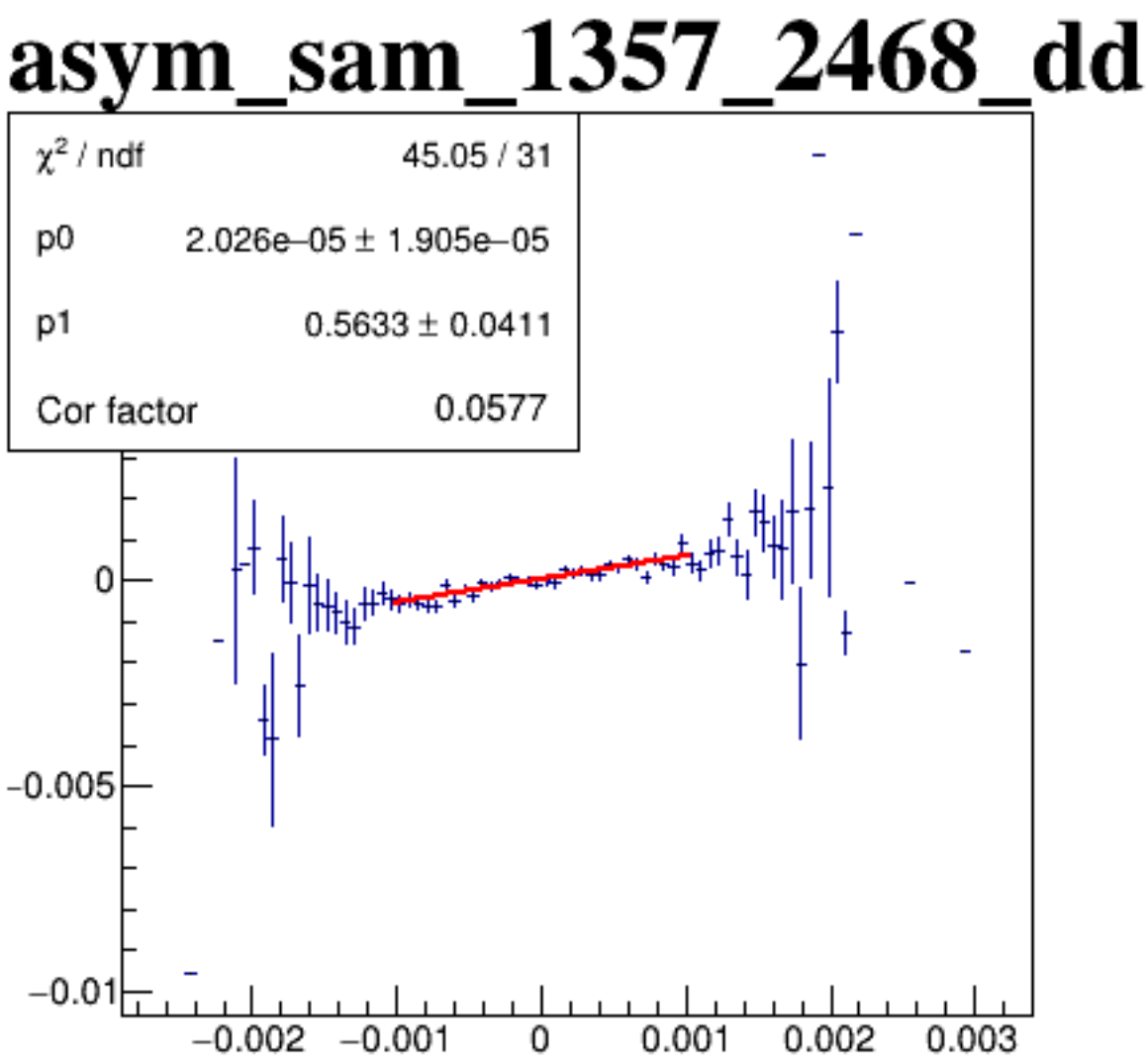
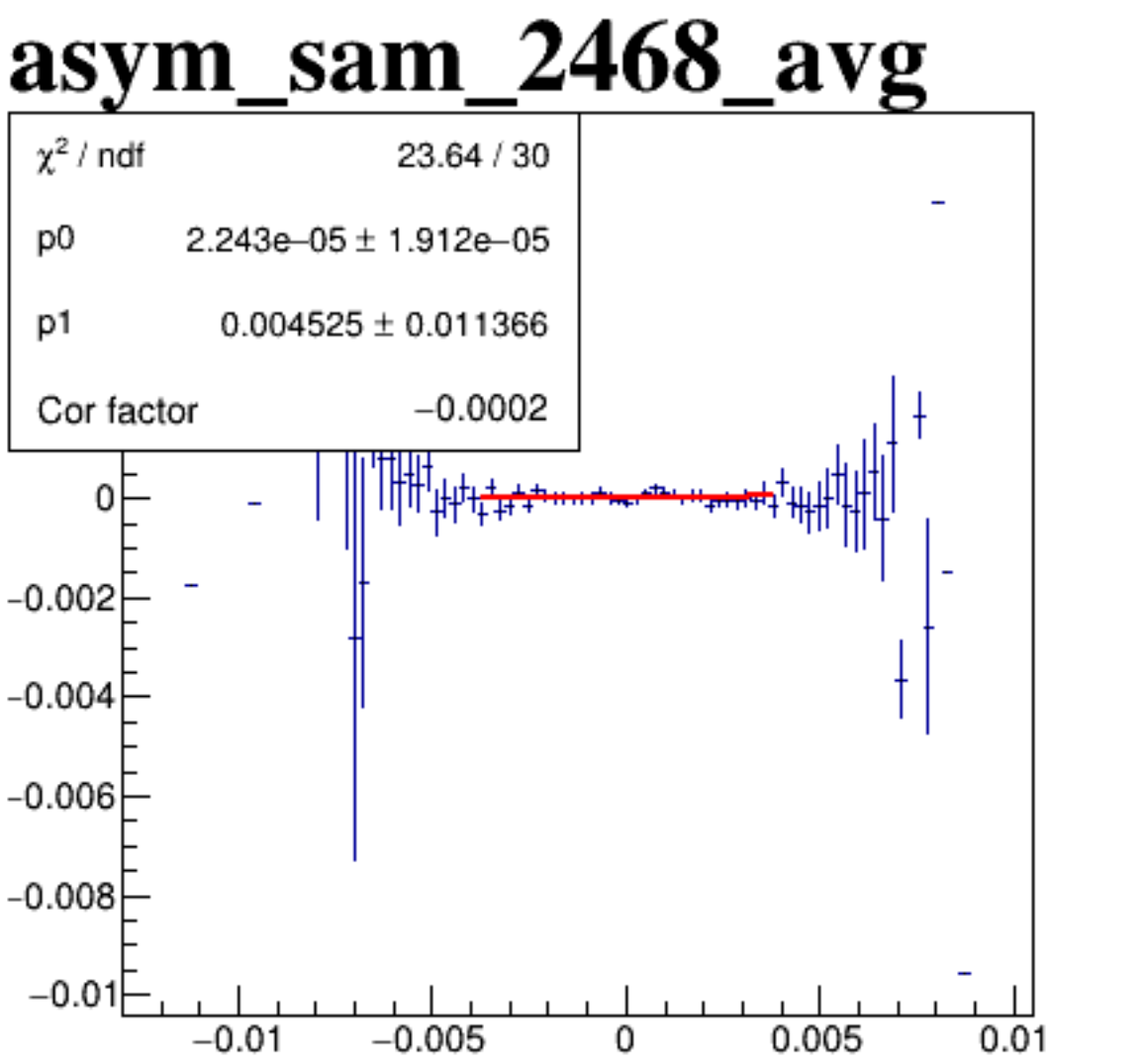
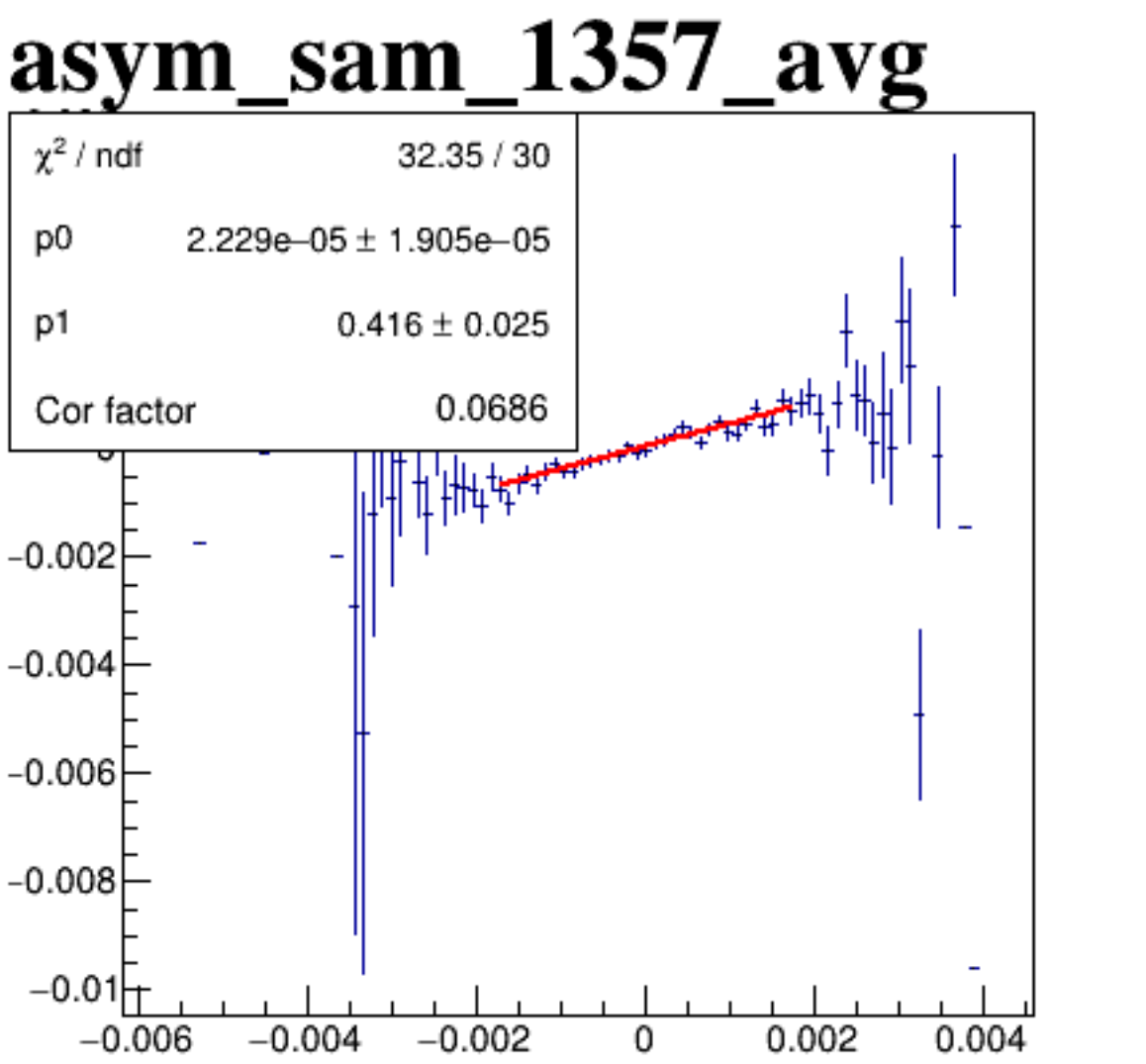
diff_bpm4aY



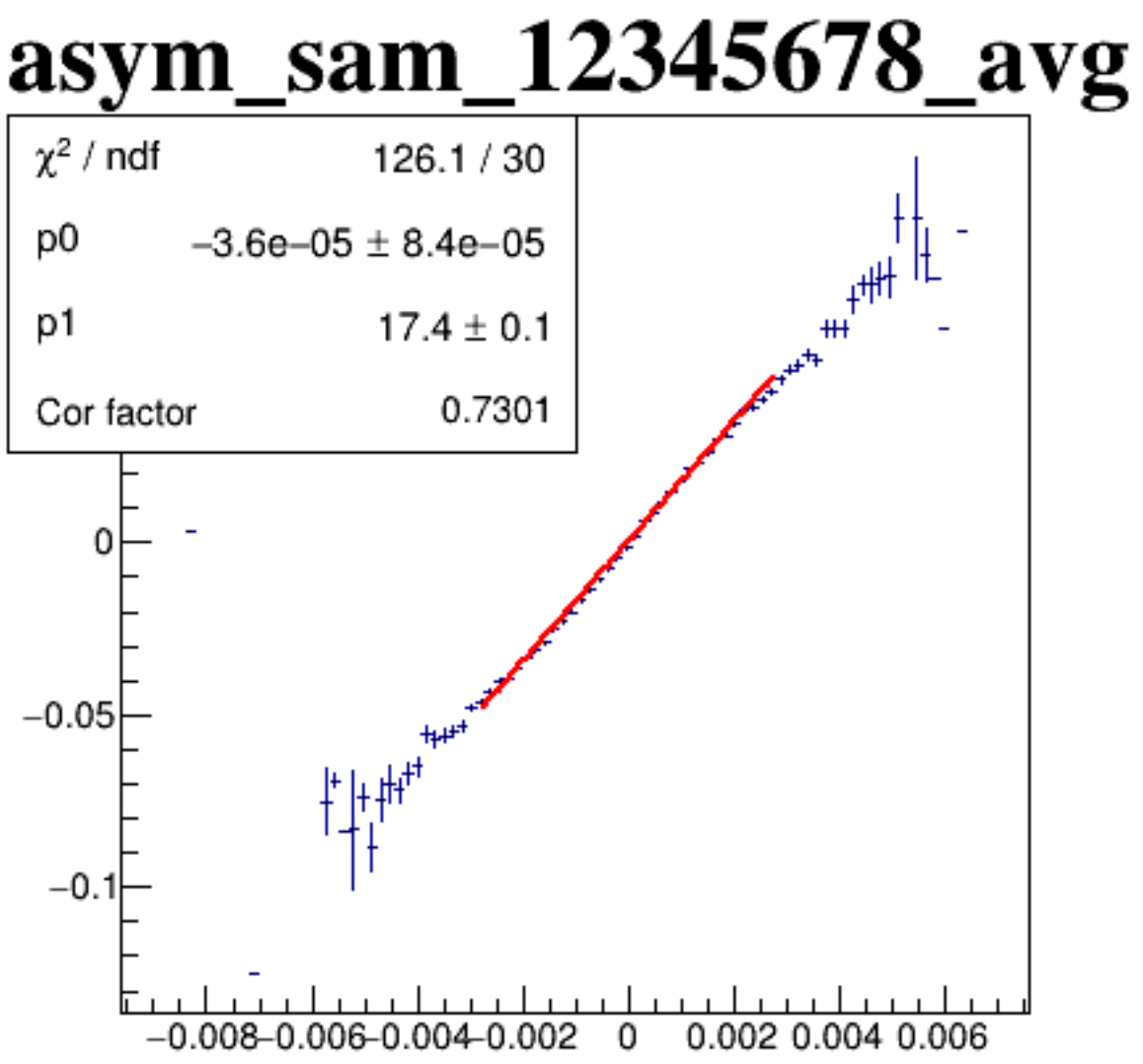
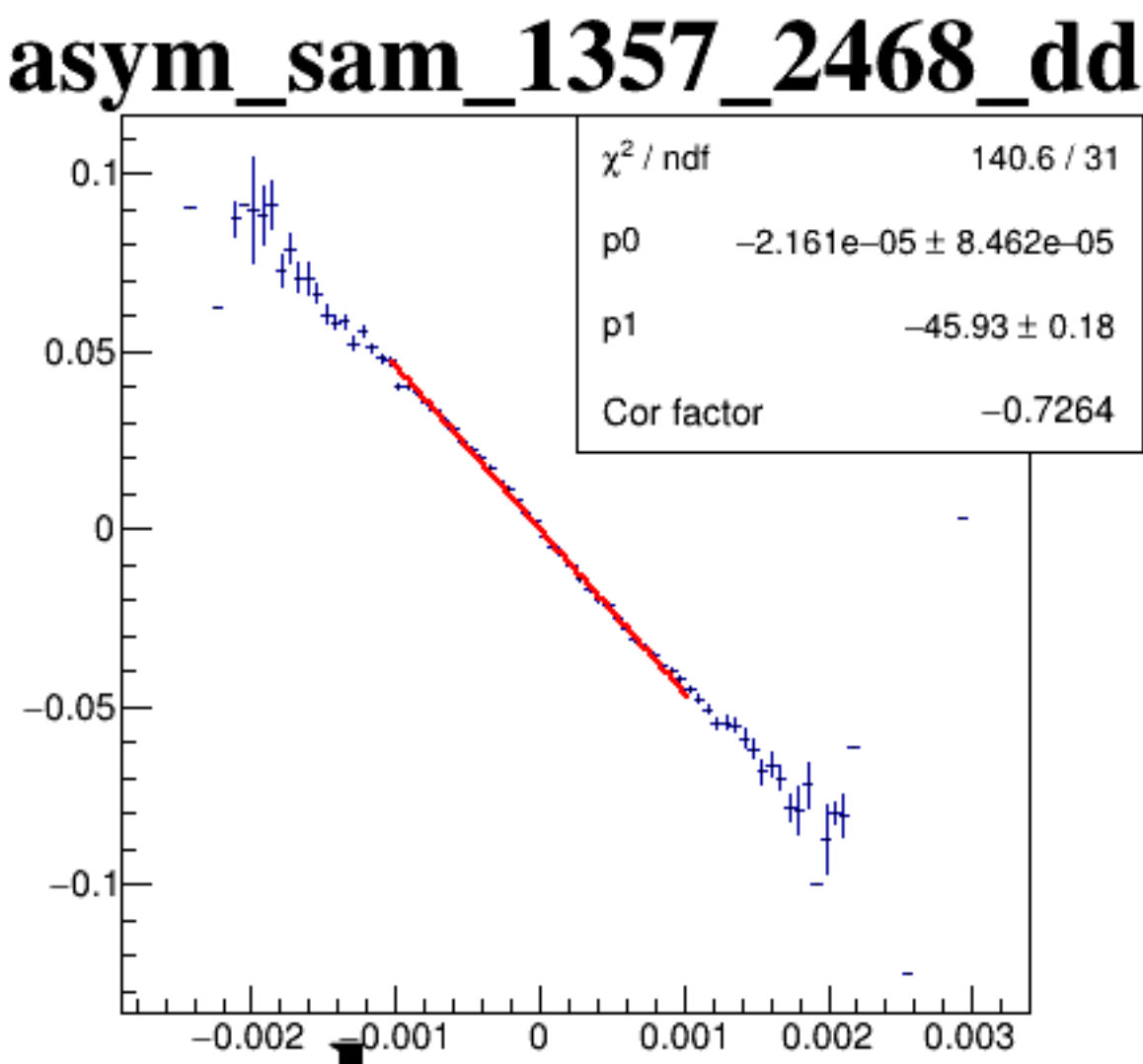
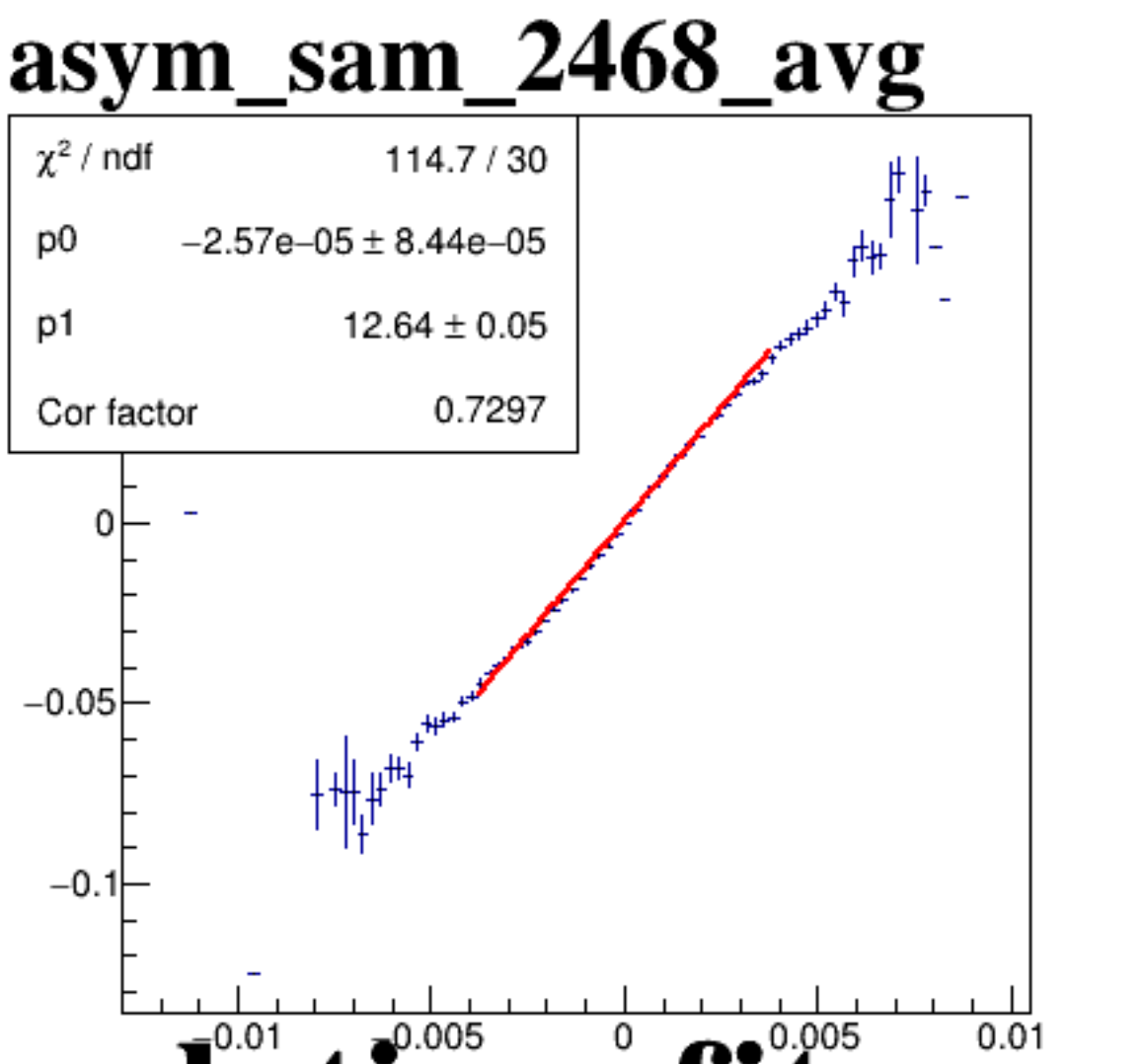
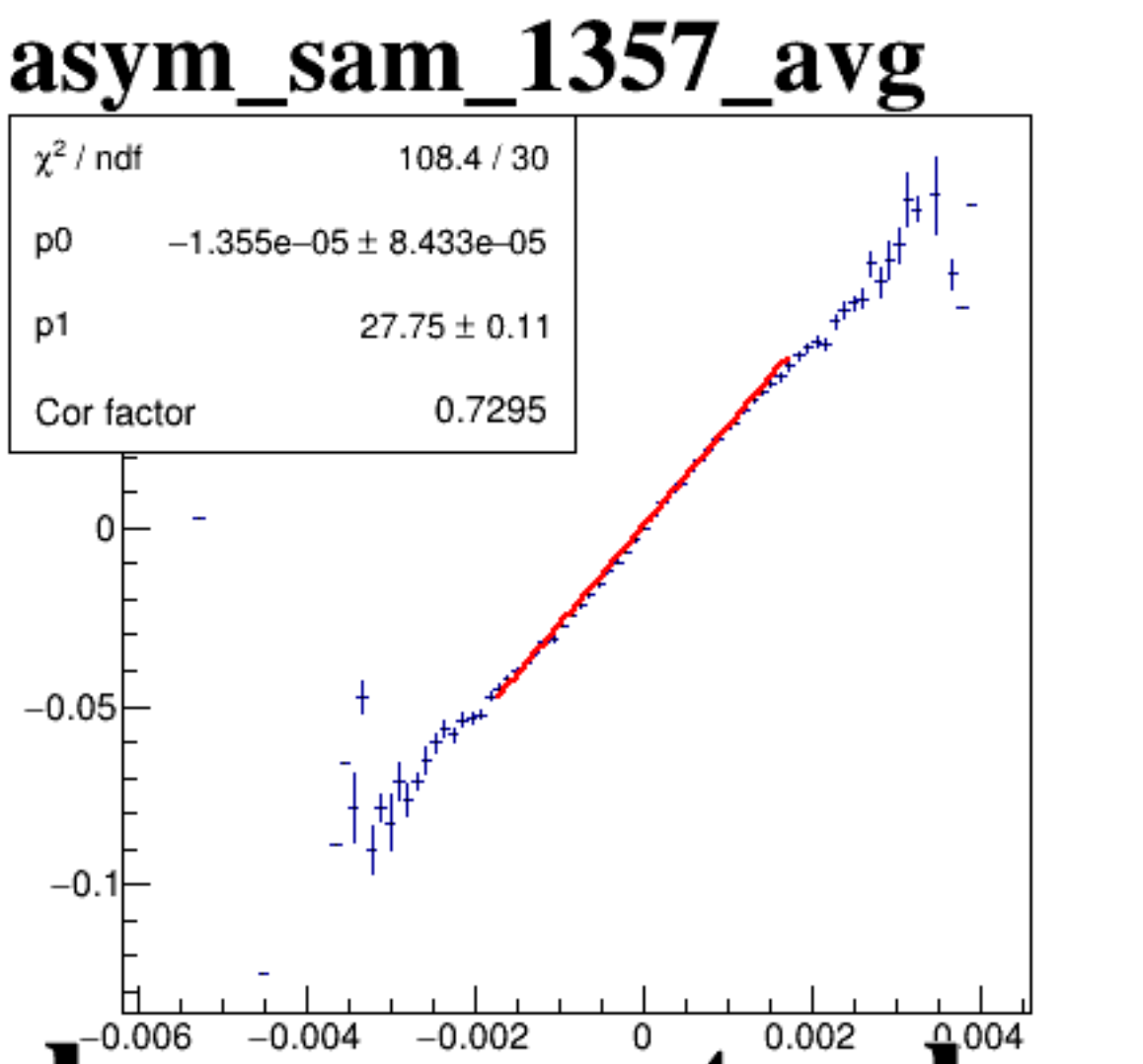
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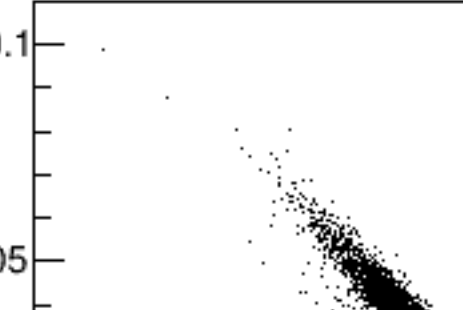
diff_bpm4eY



diff_bpm12X



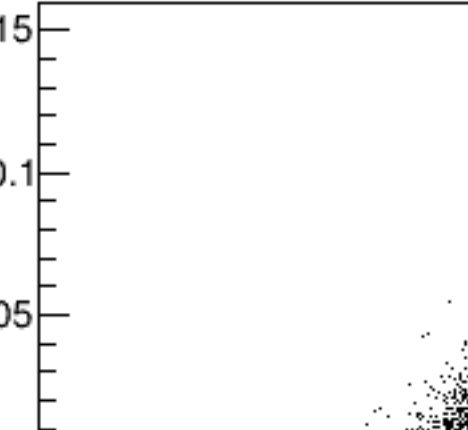
A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The y-axis ranges from -0.03 to 0.03, and the x-axis ranges from -0.008 to 0.006. The data points form a dense, roughly circular cloud centered at (0,0), indicating a weak correlation.



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

asym_sam_12345678_avg

mulc.asym_sam_12345678_avg



A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The y-axis ranges from -0.15 to 0.15, and the x-axis ranges from -0.008 to 0.006. The data points form a dense, elongated elliptical cloud centered around (0,0), indicating a strong positive correlation.