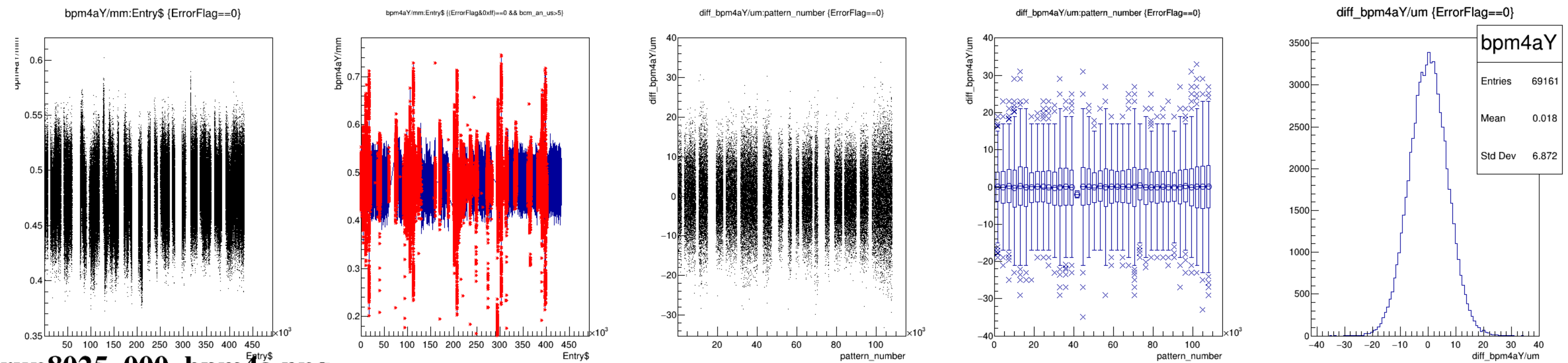
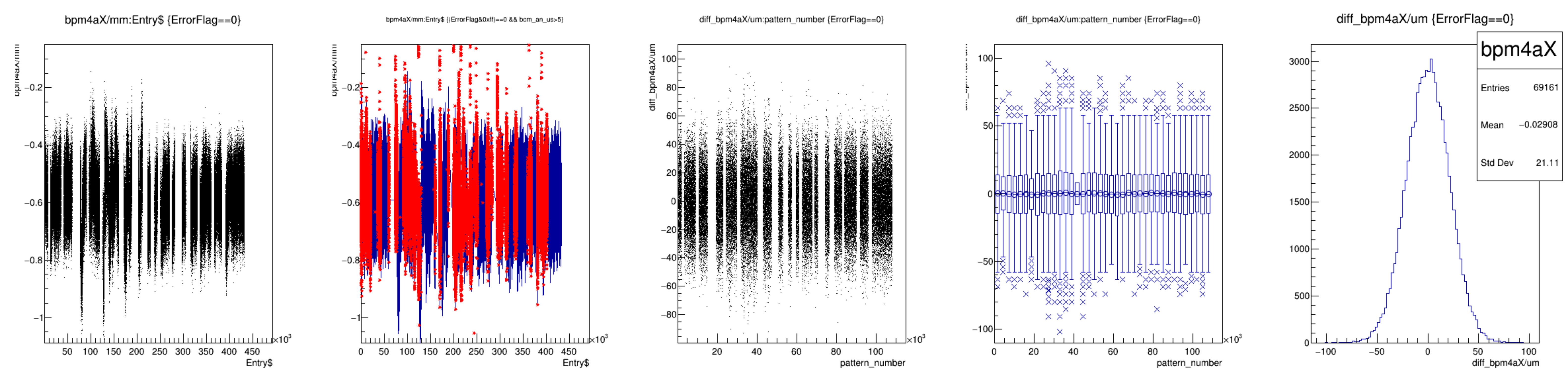
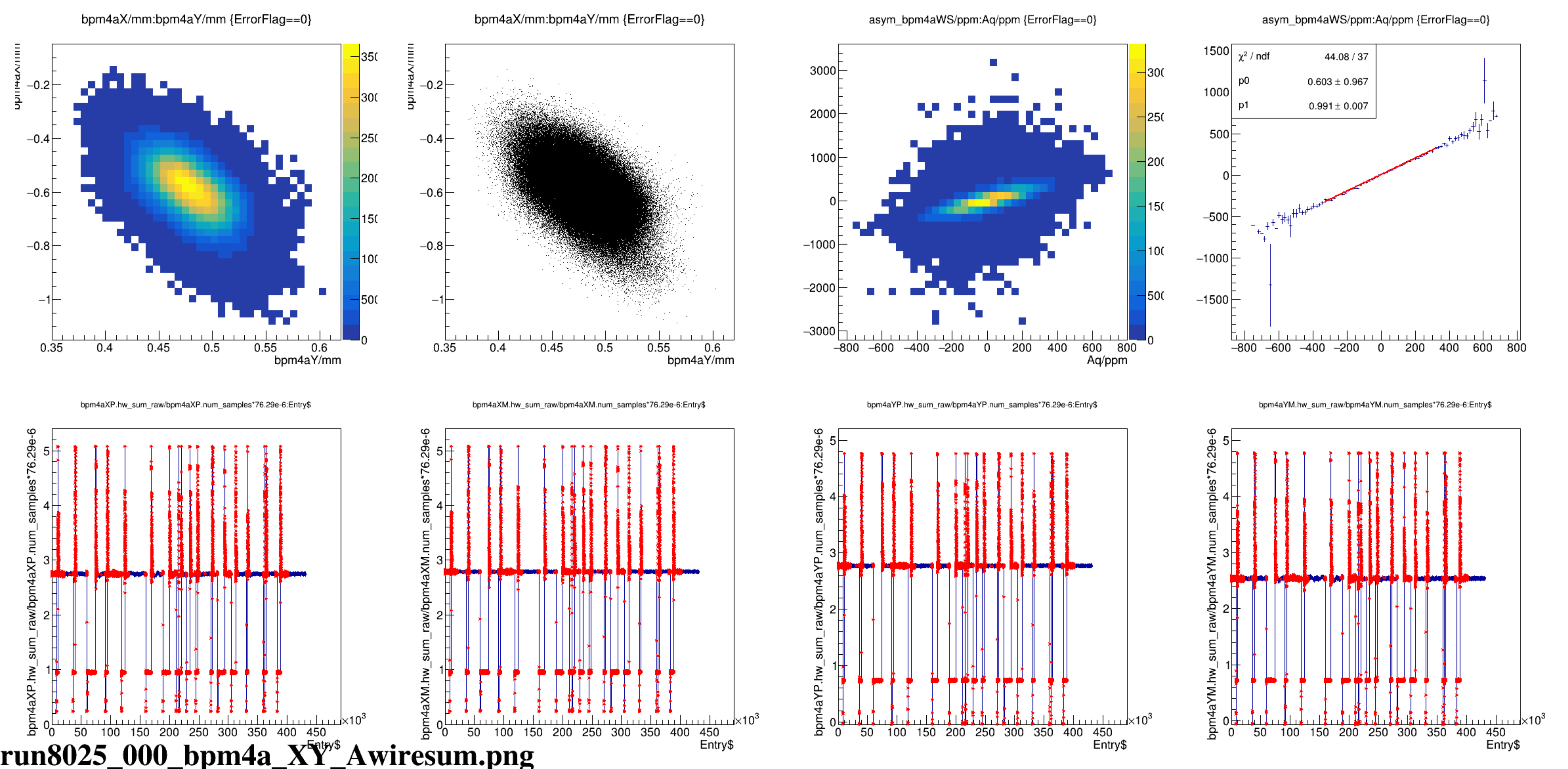
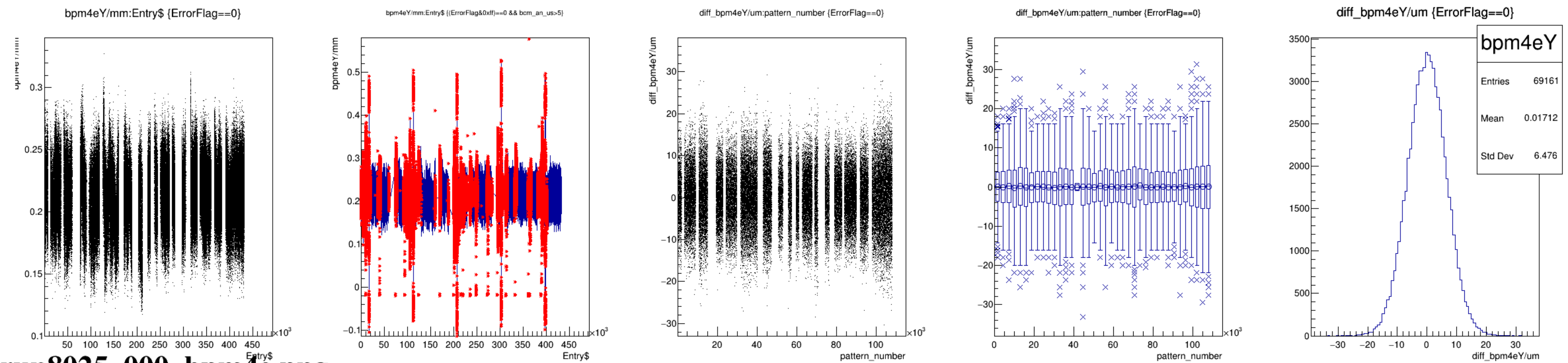
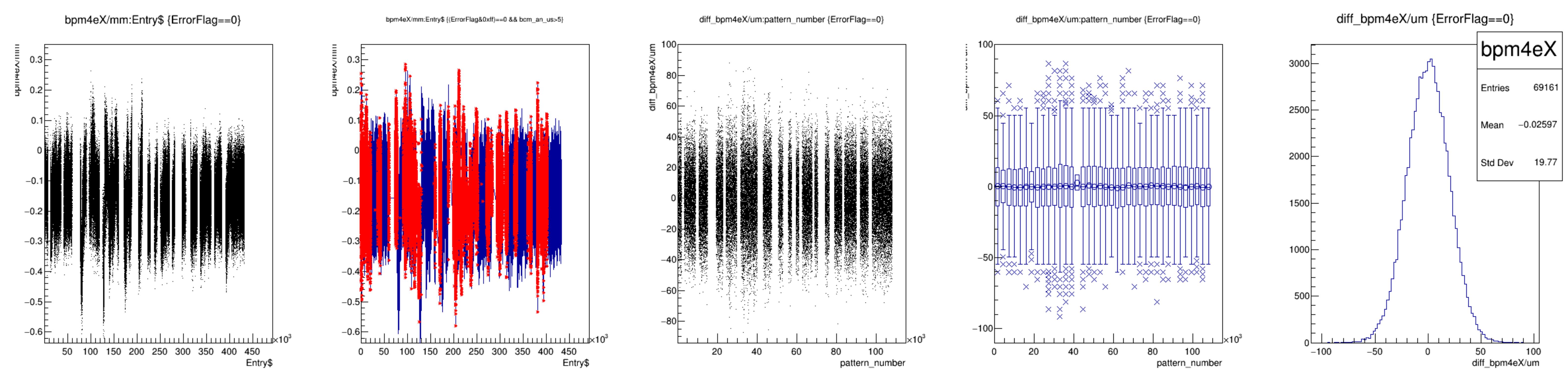
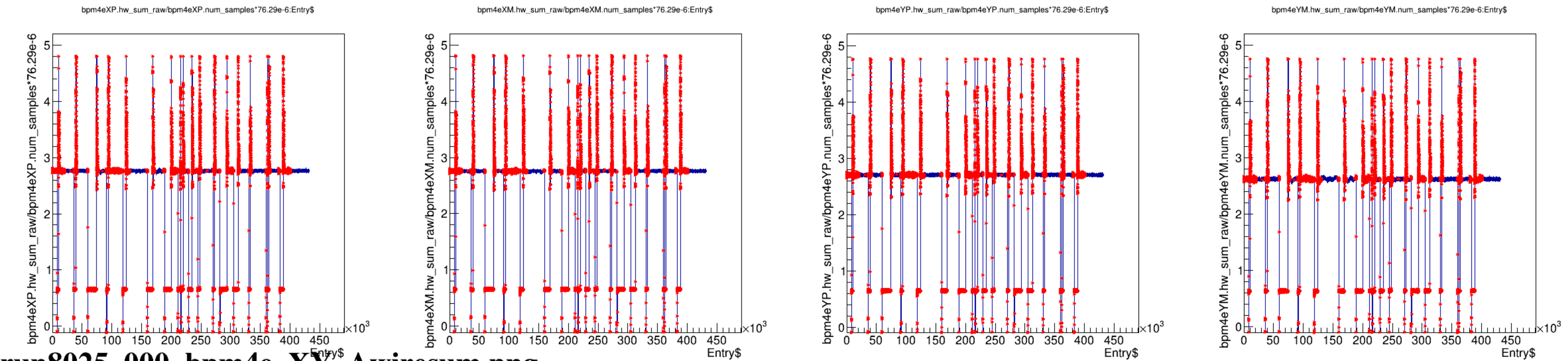
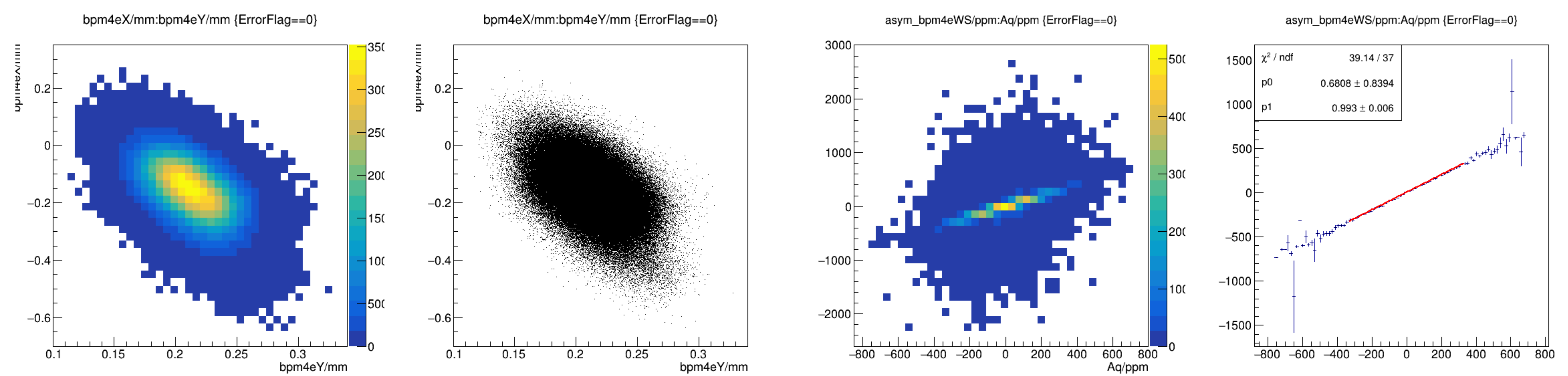
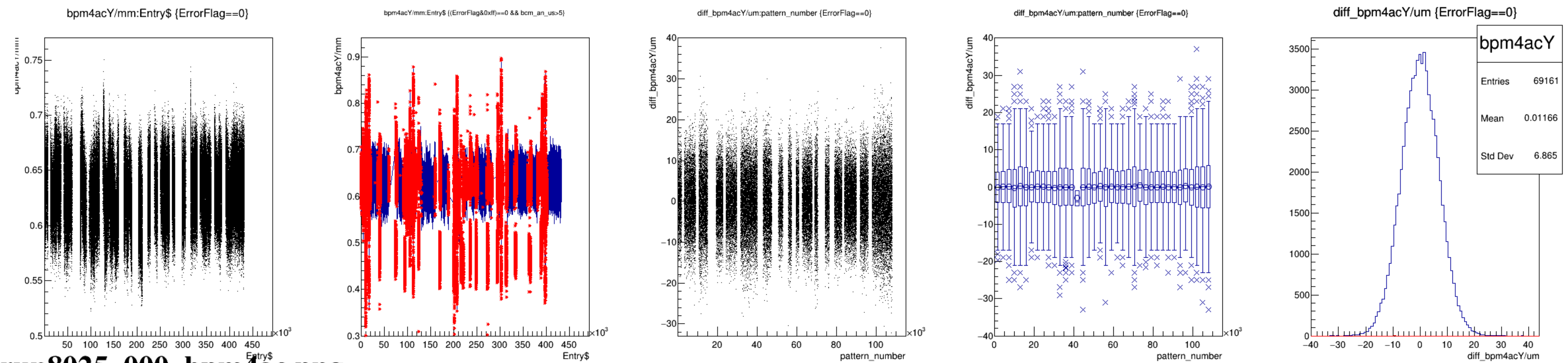
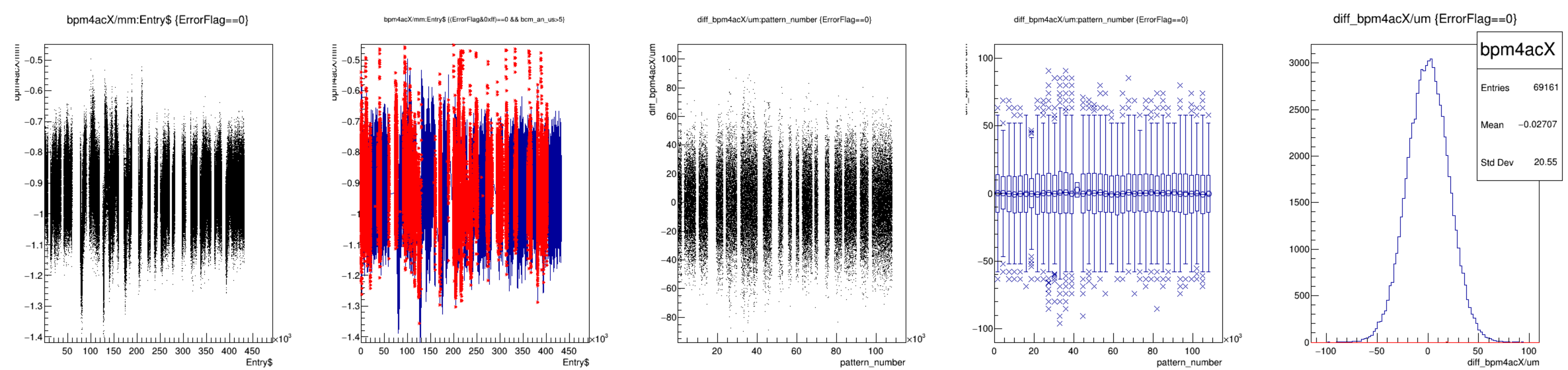


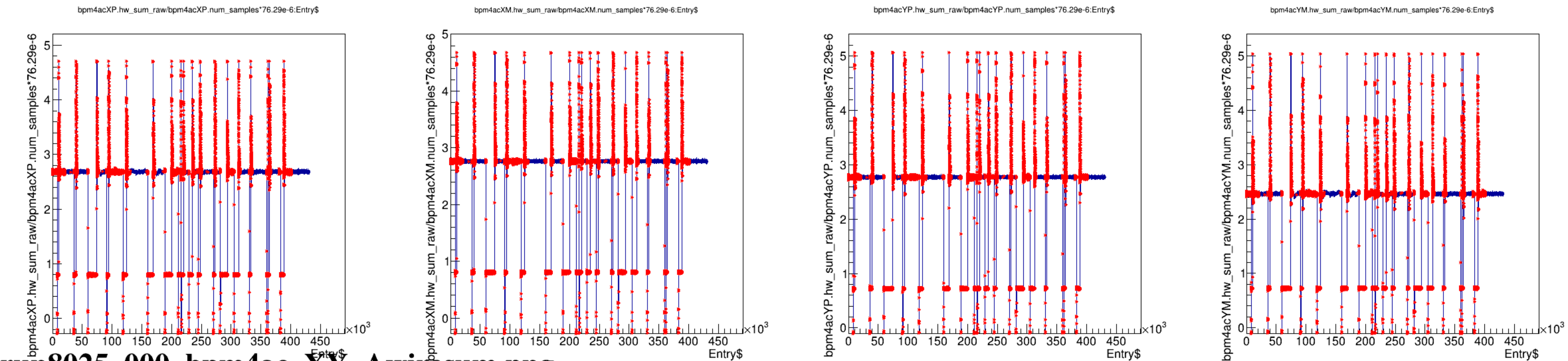
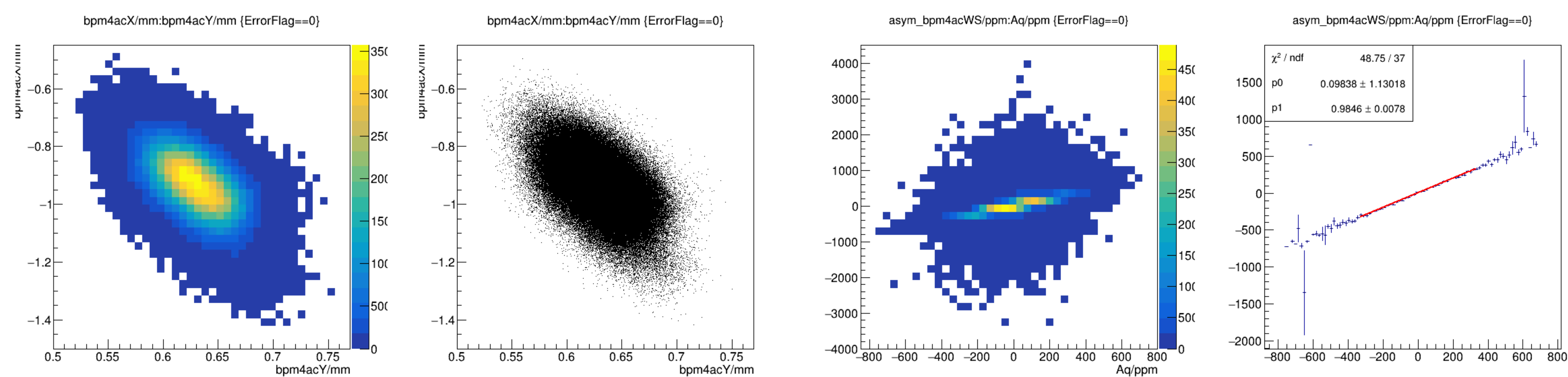




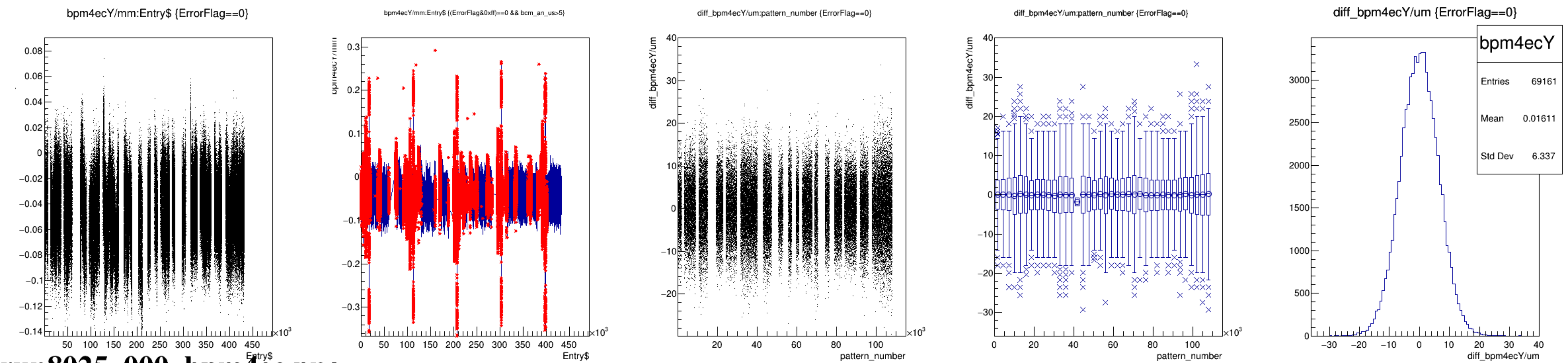
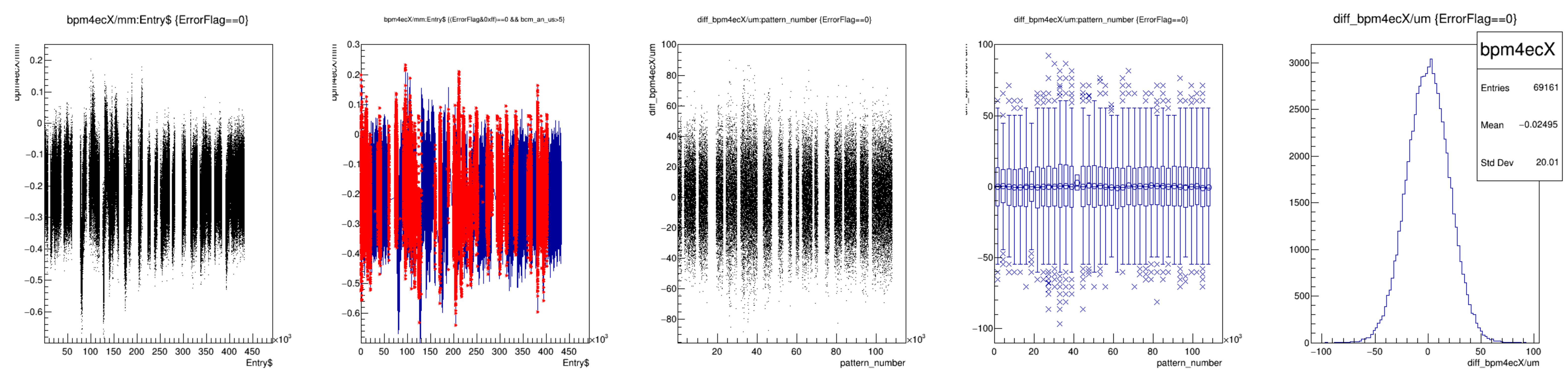


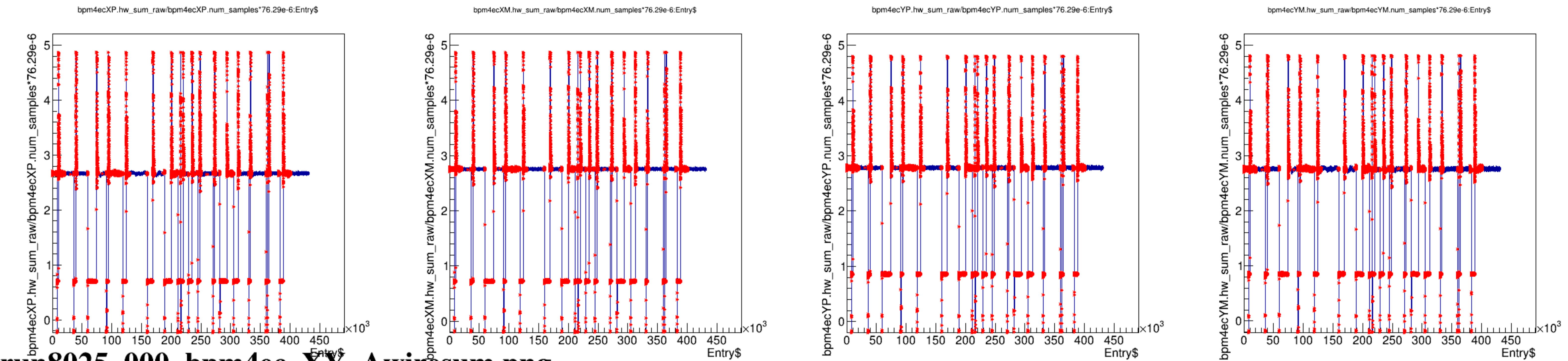
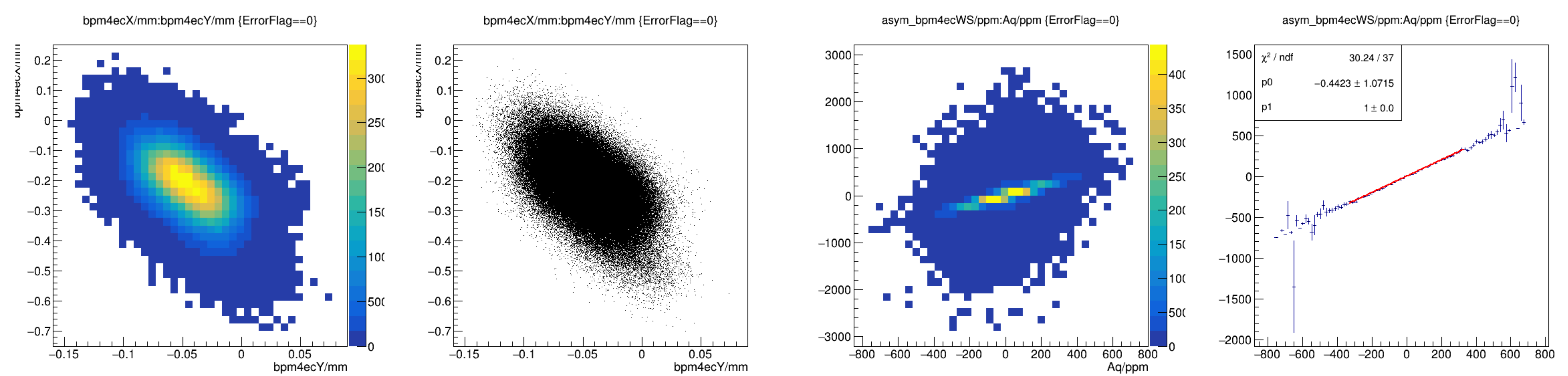


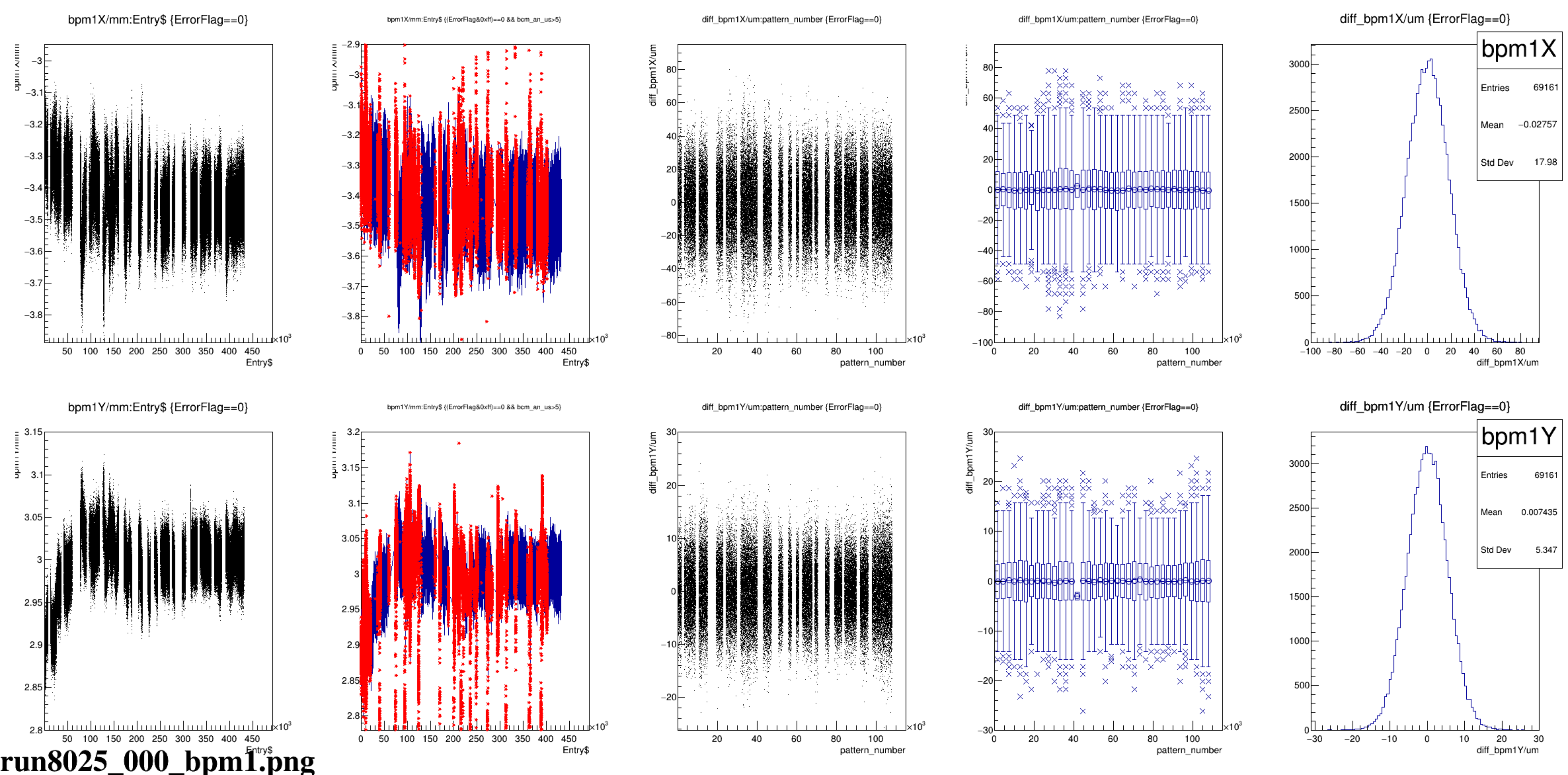


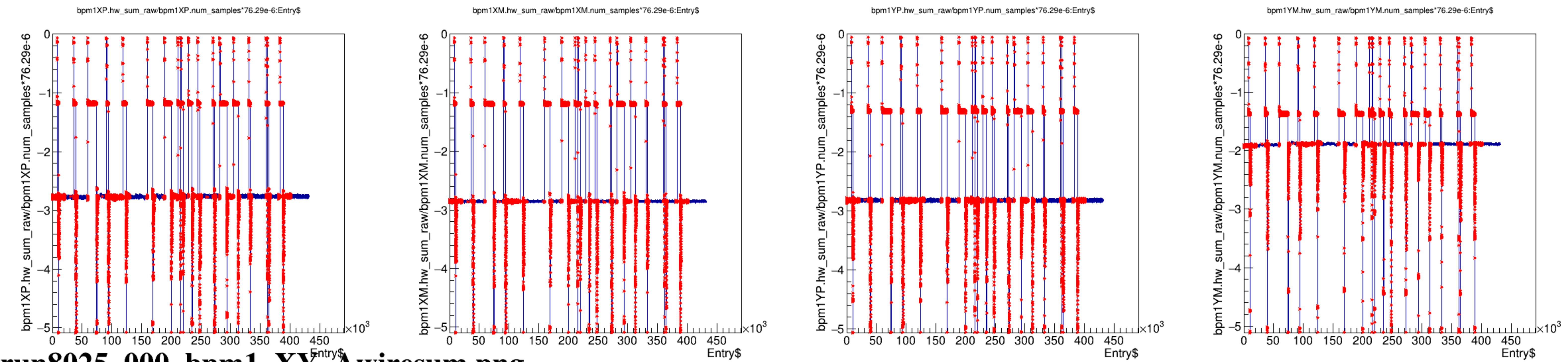
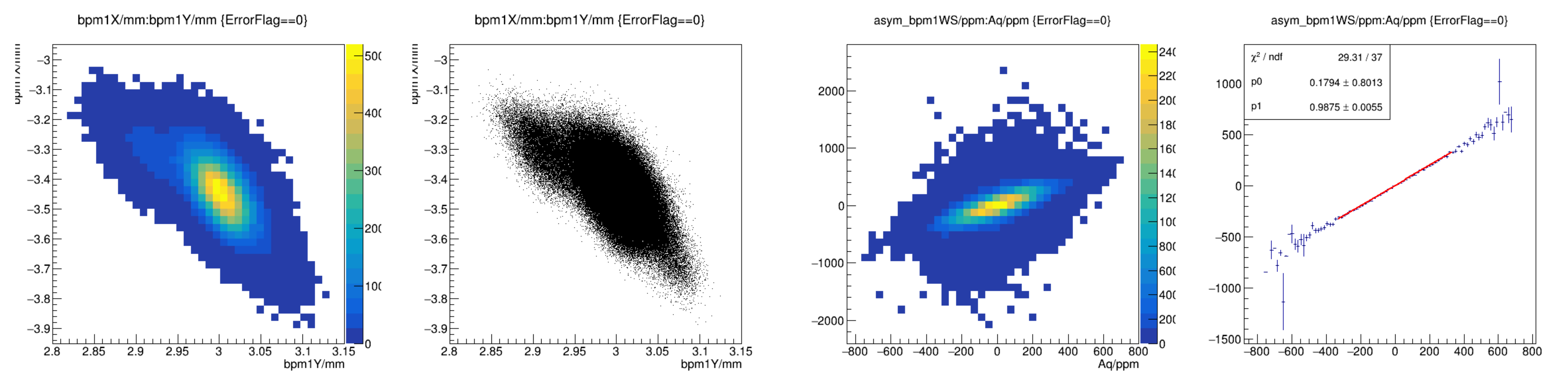


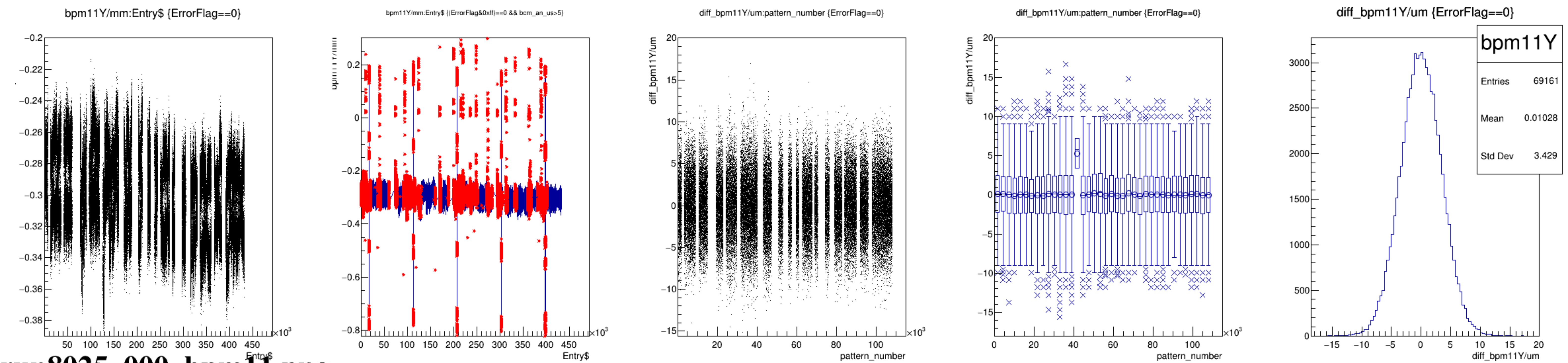
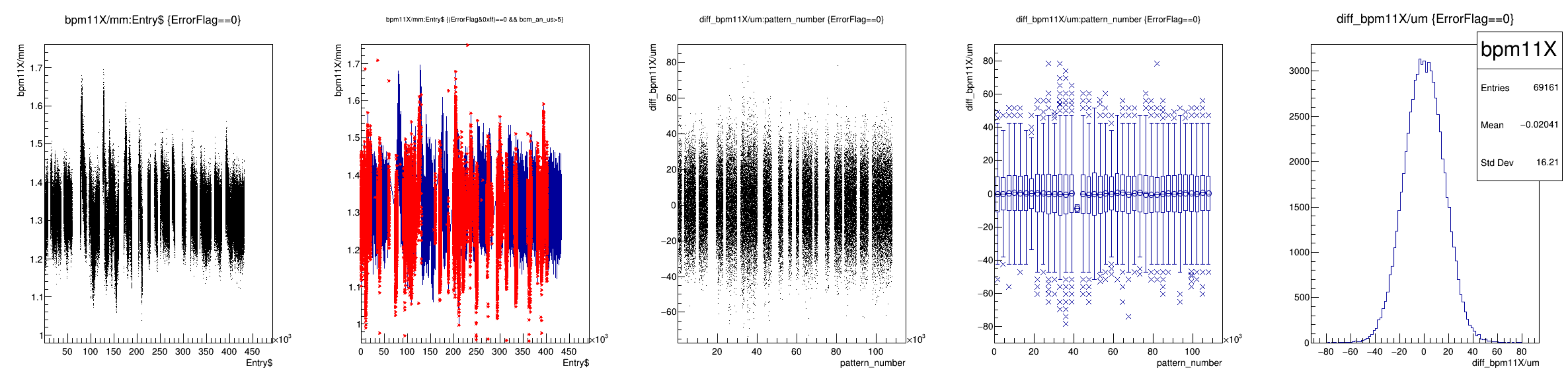
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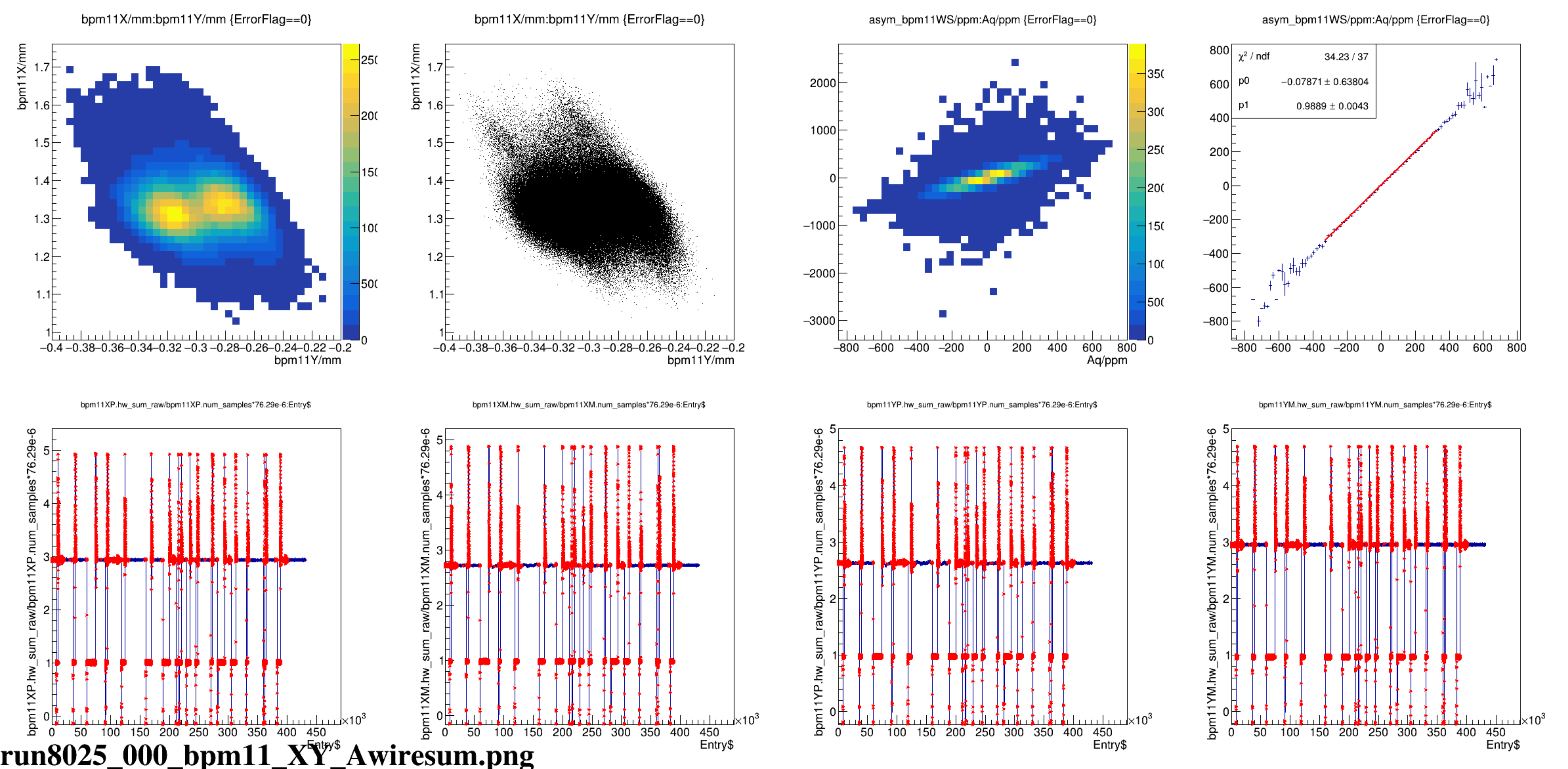


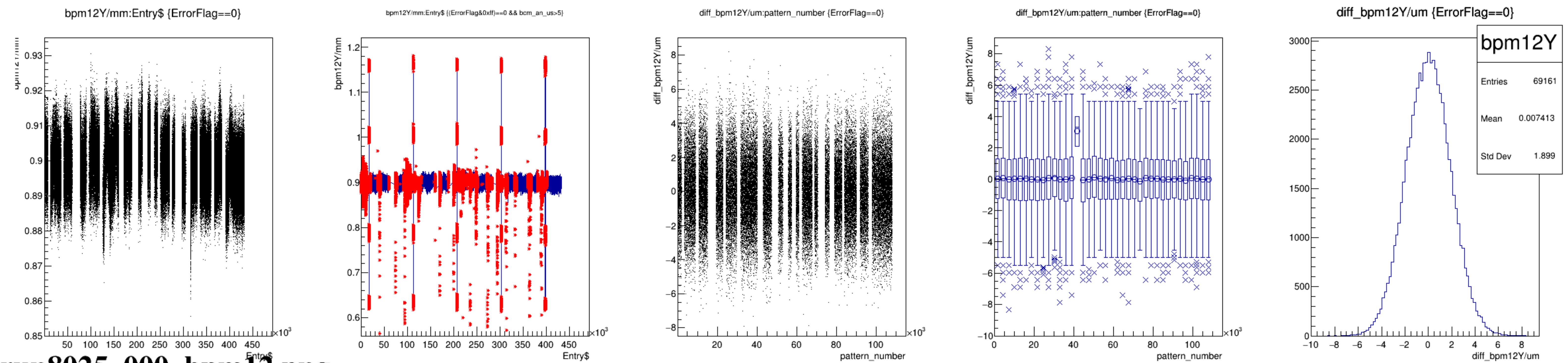
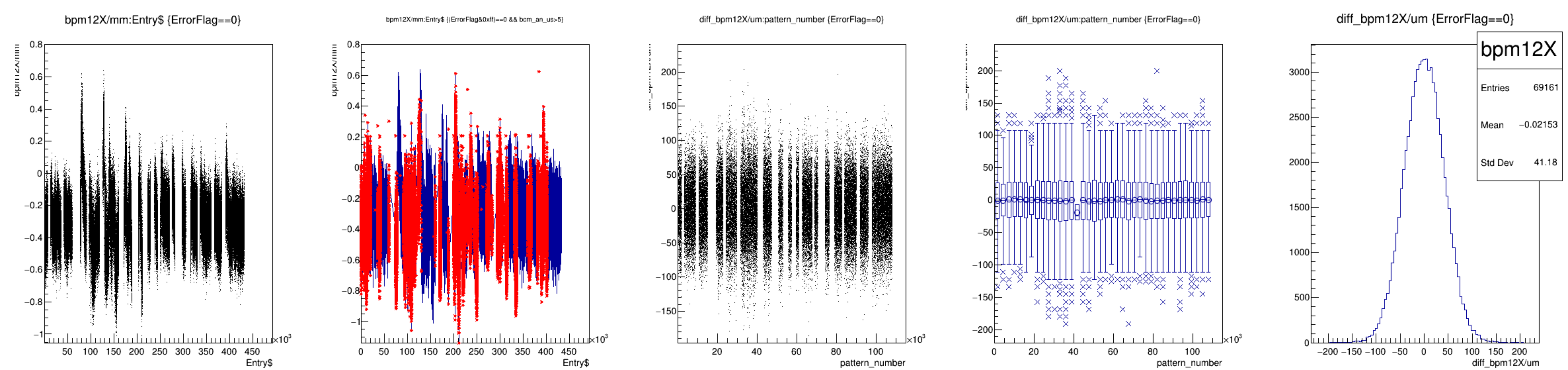


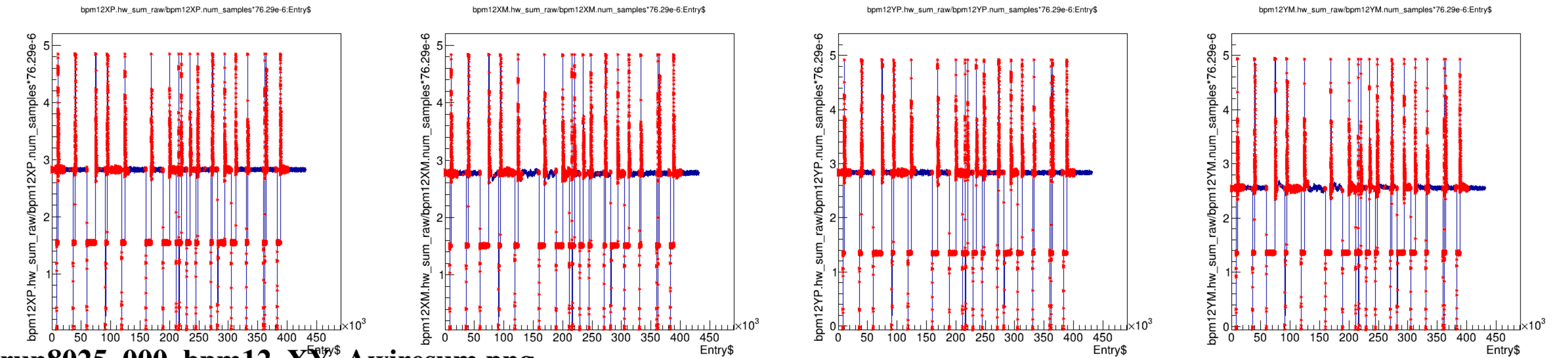
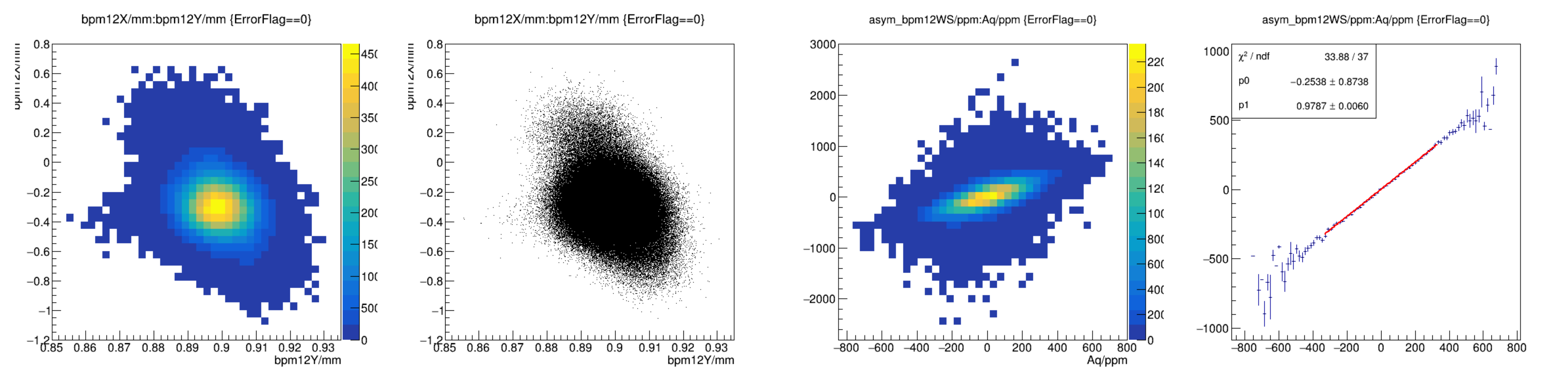




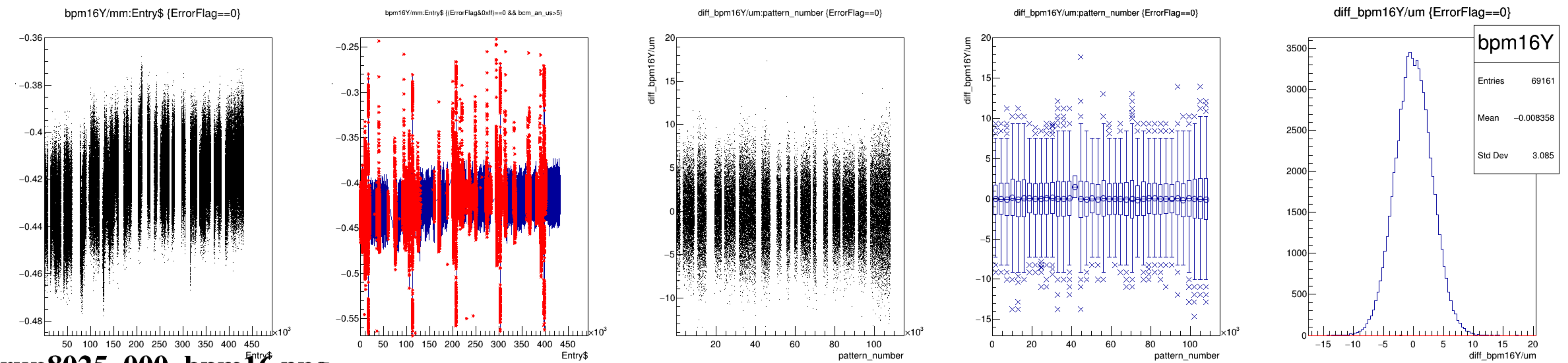
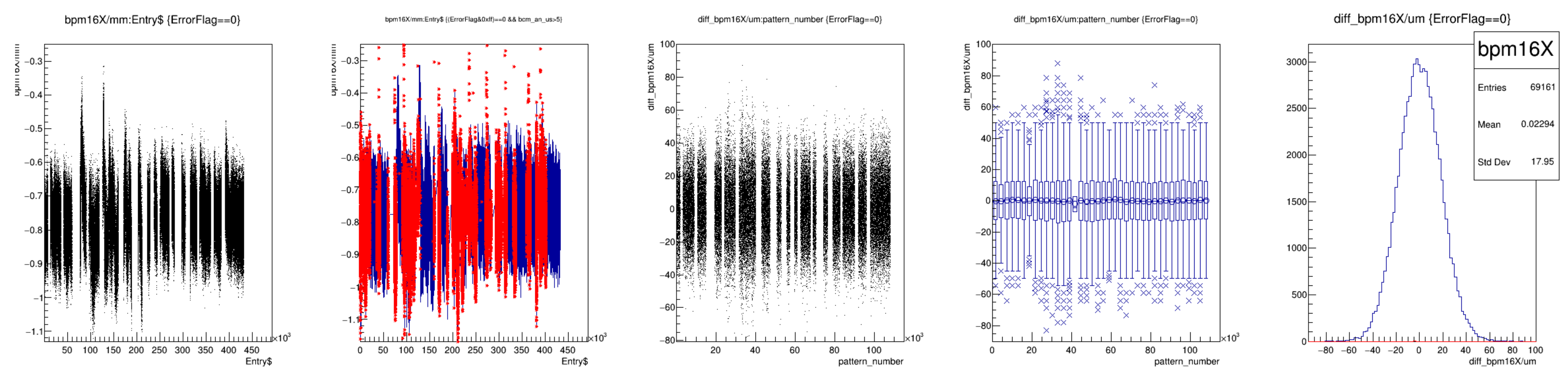


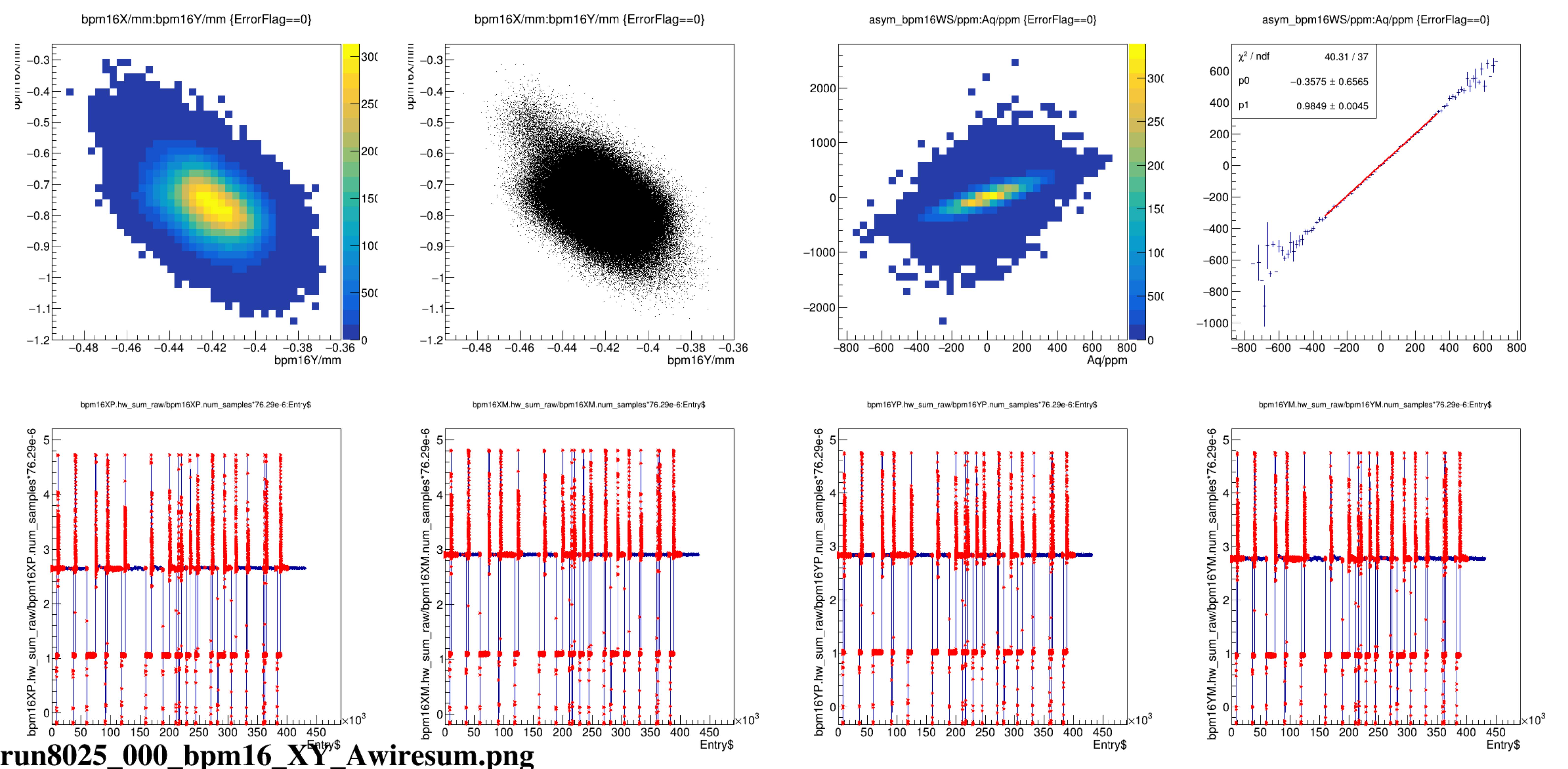


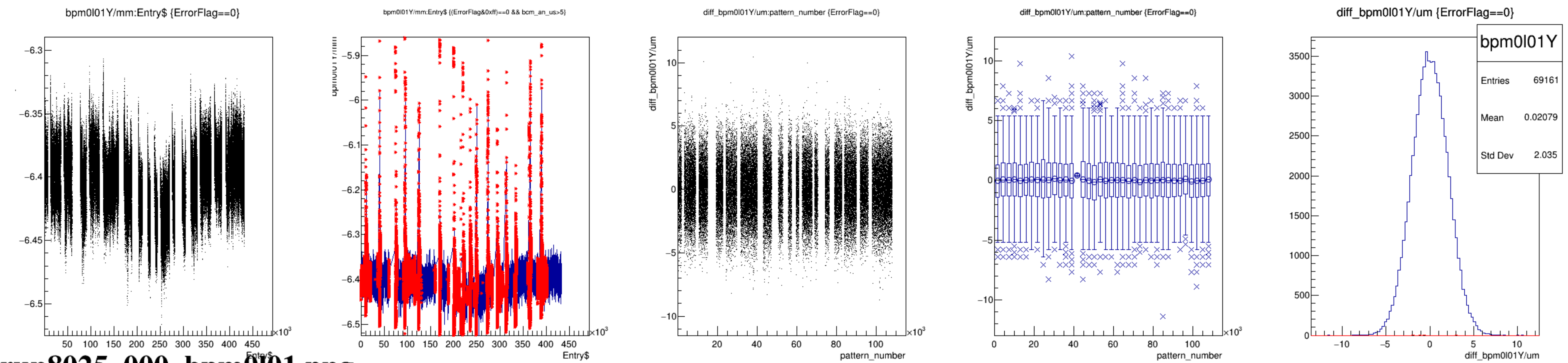
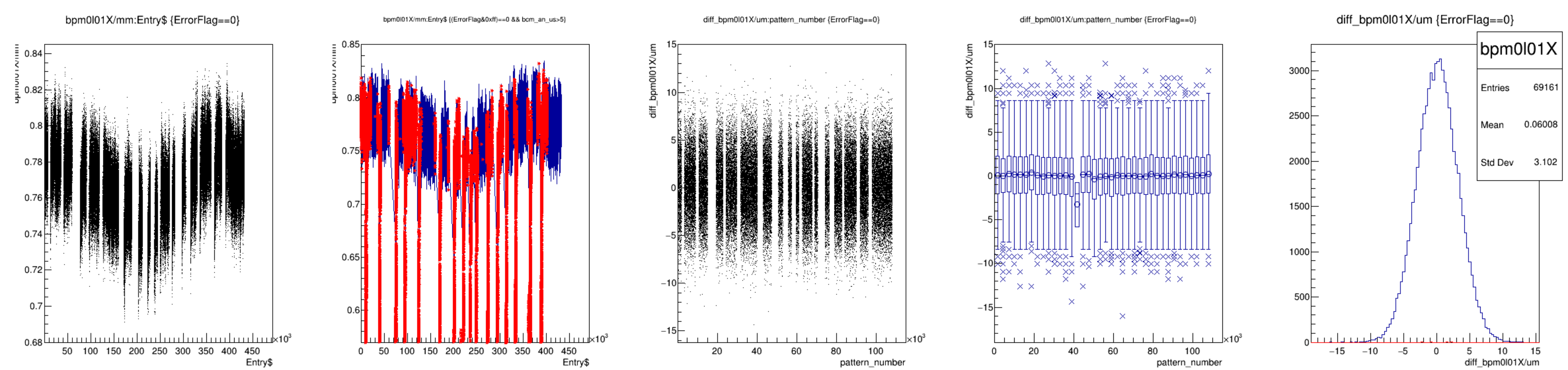


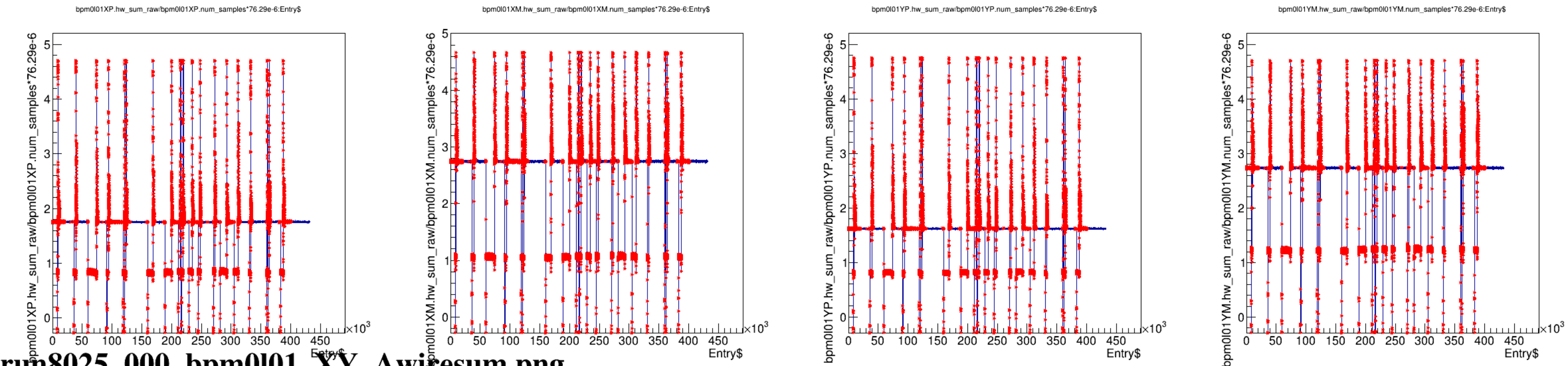
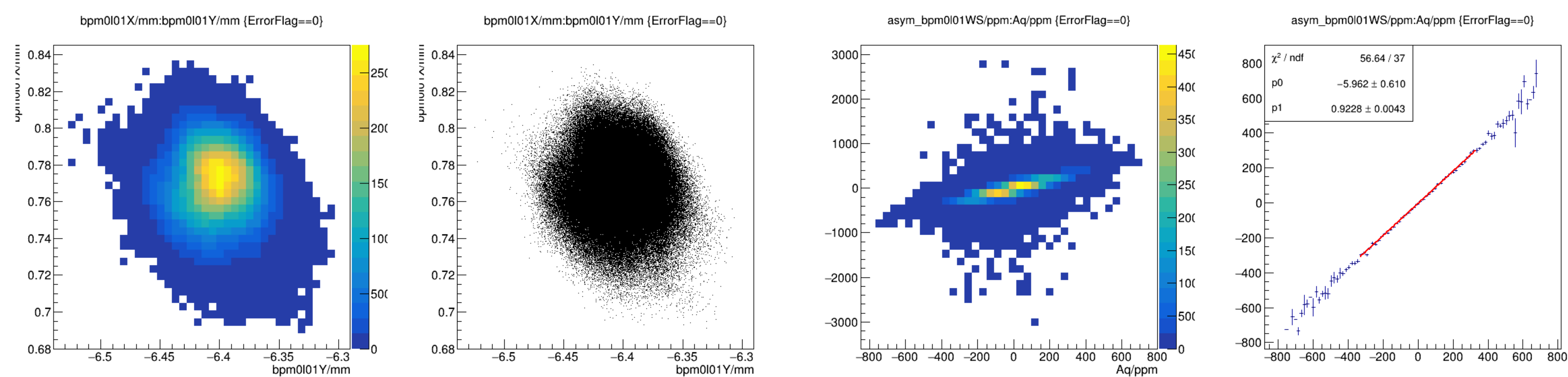


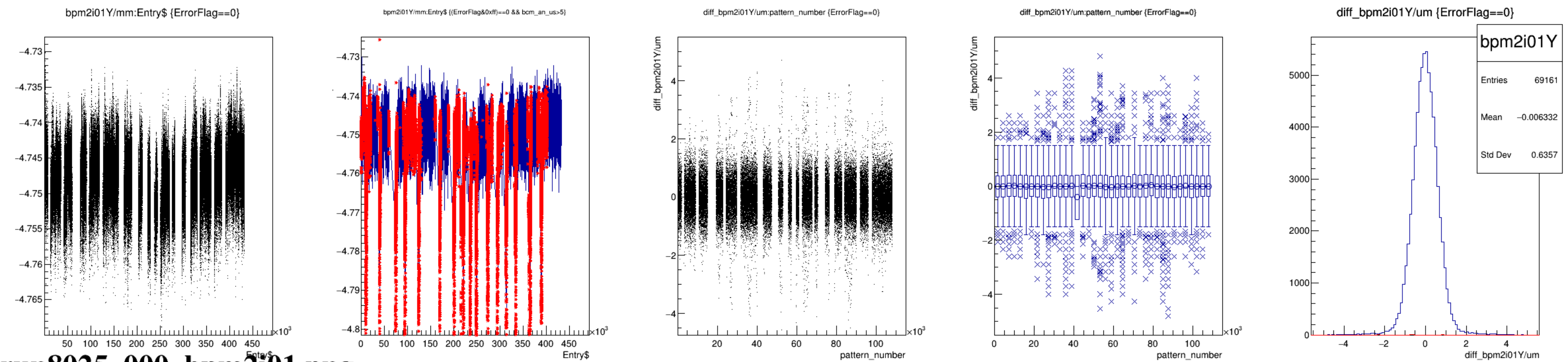
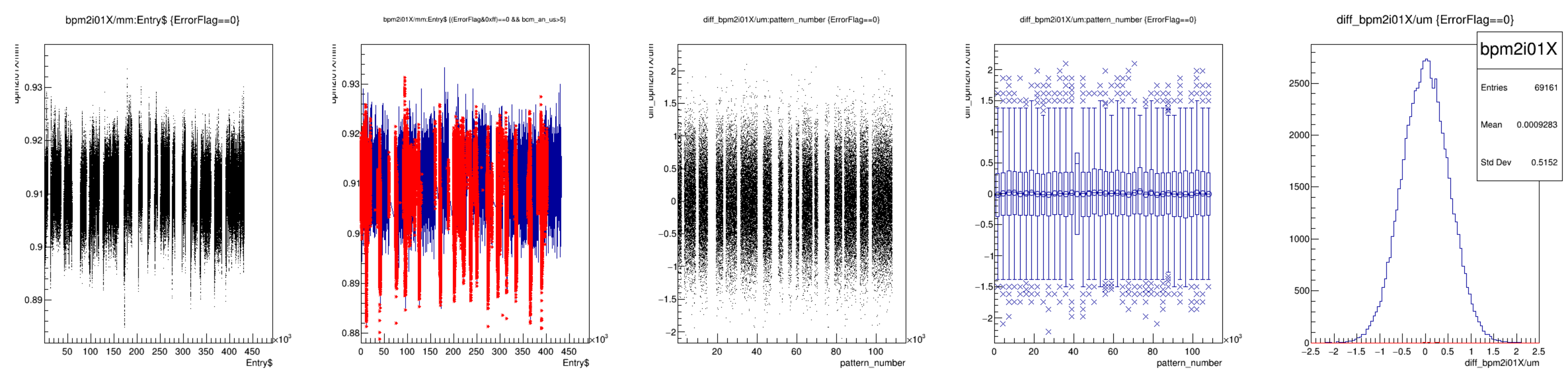
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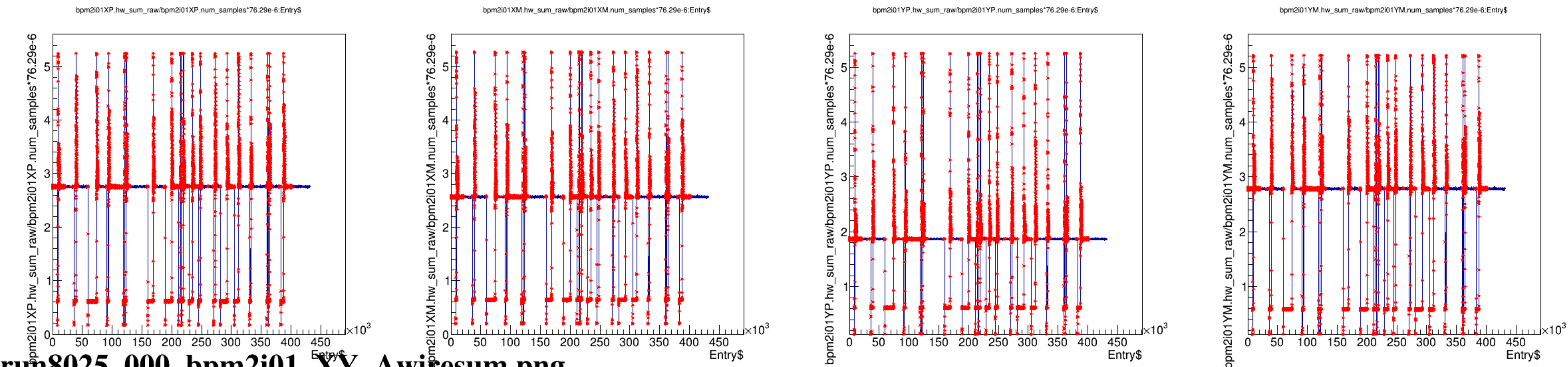
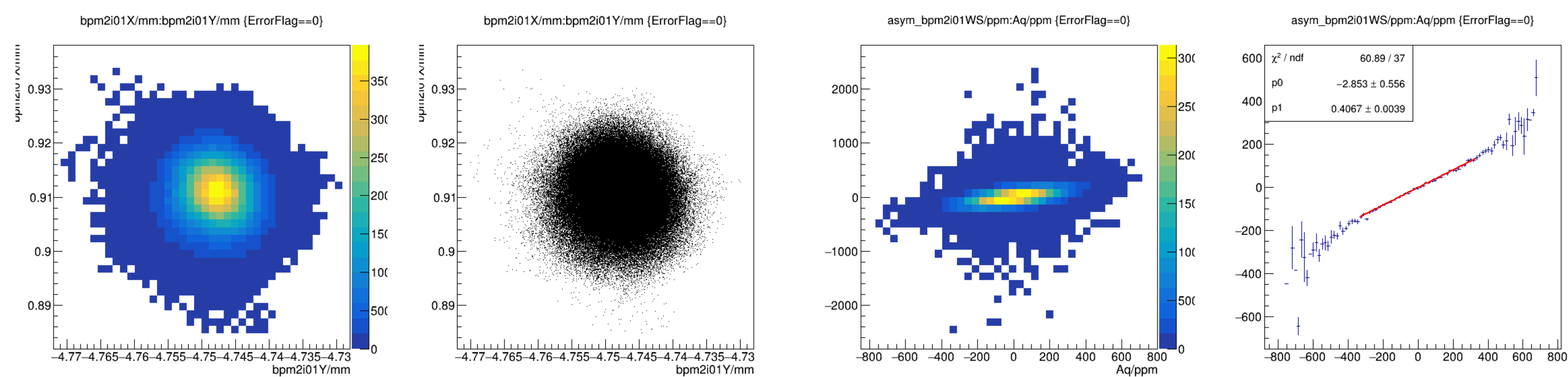


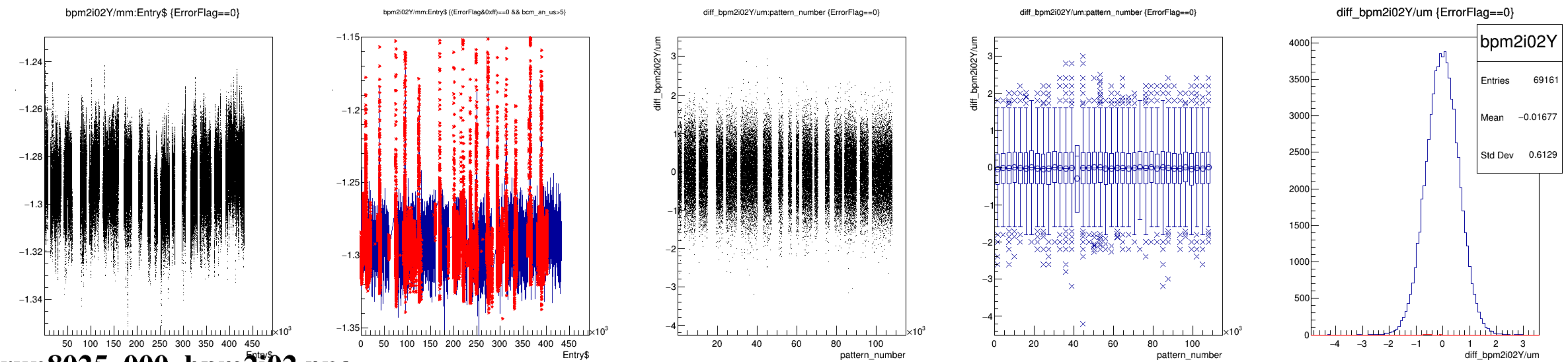
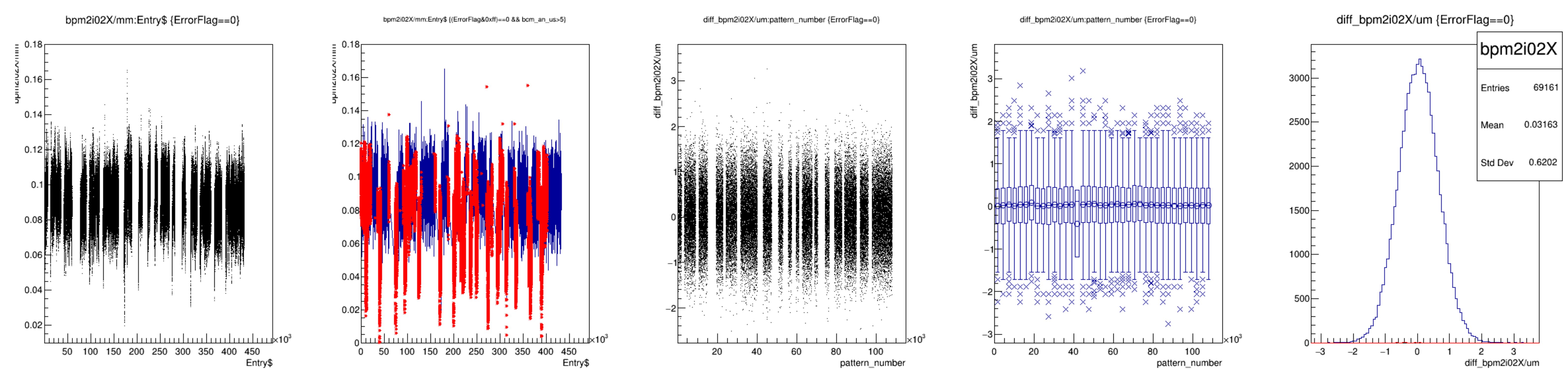


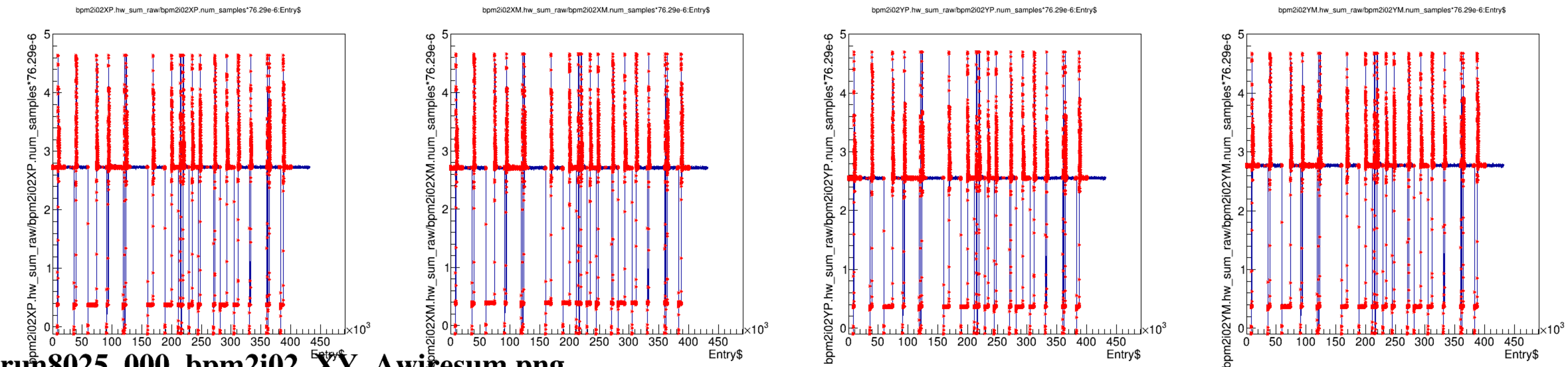
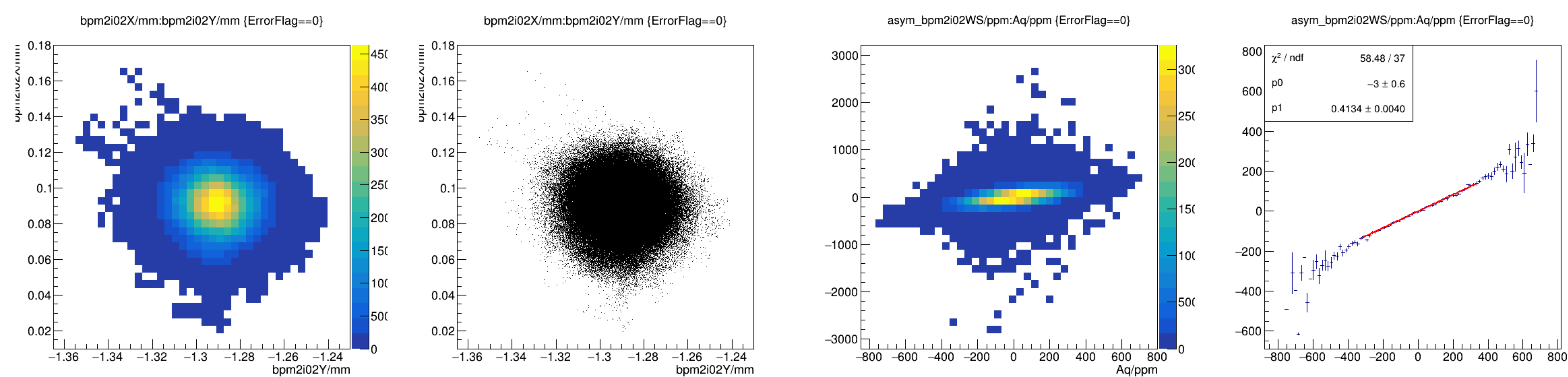


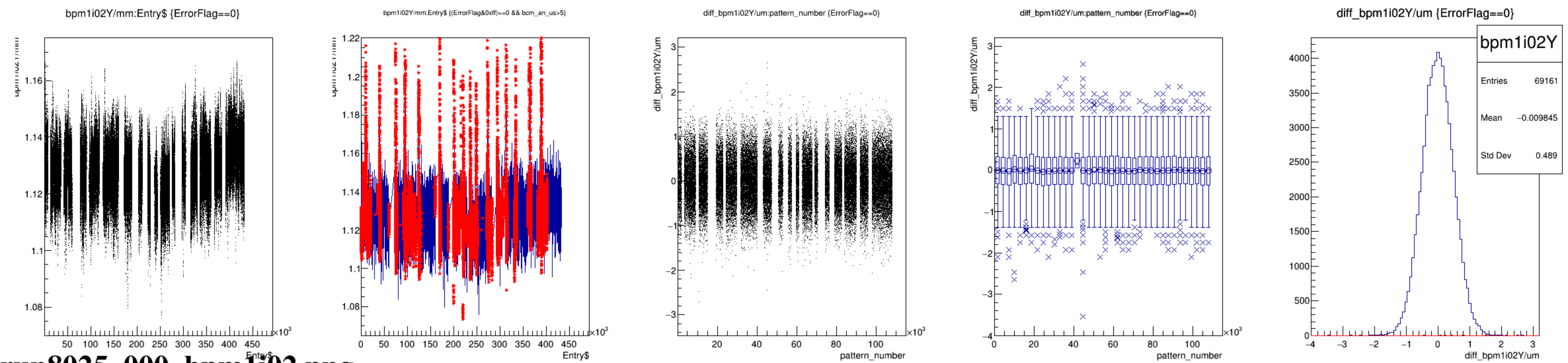
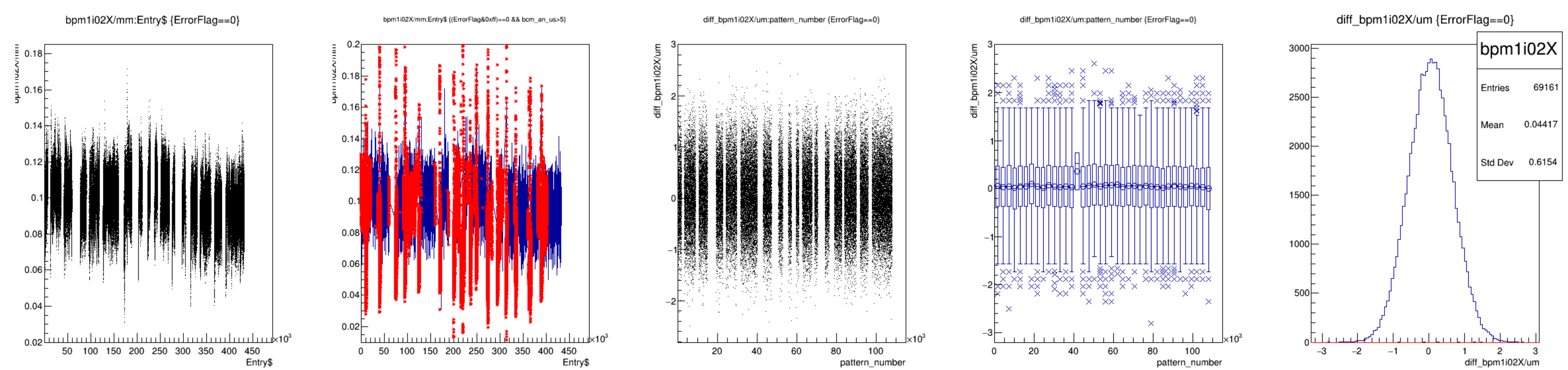


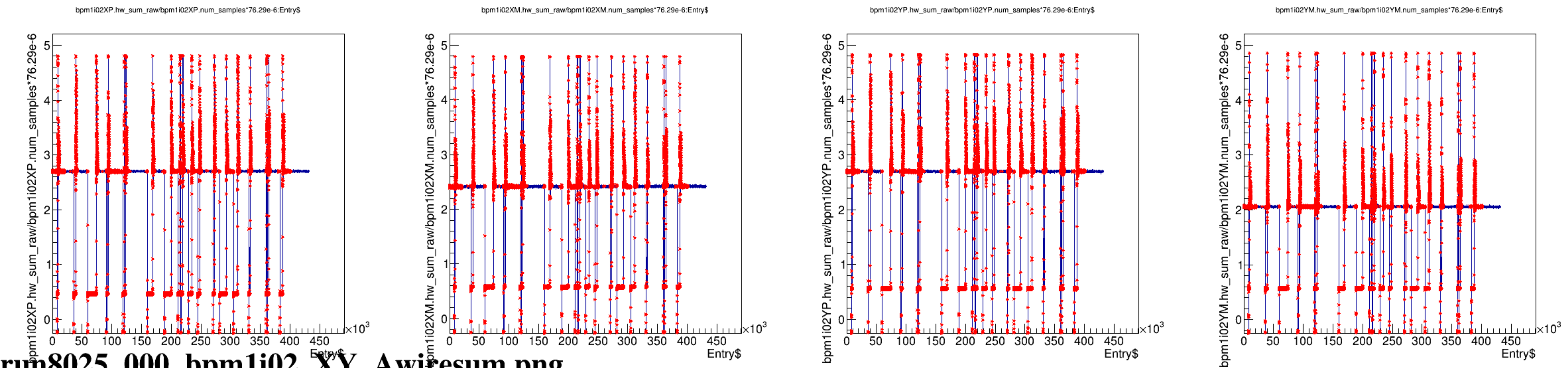
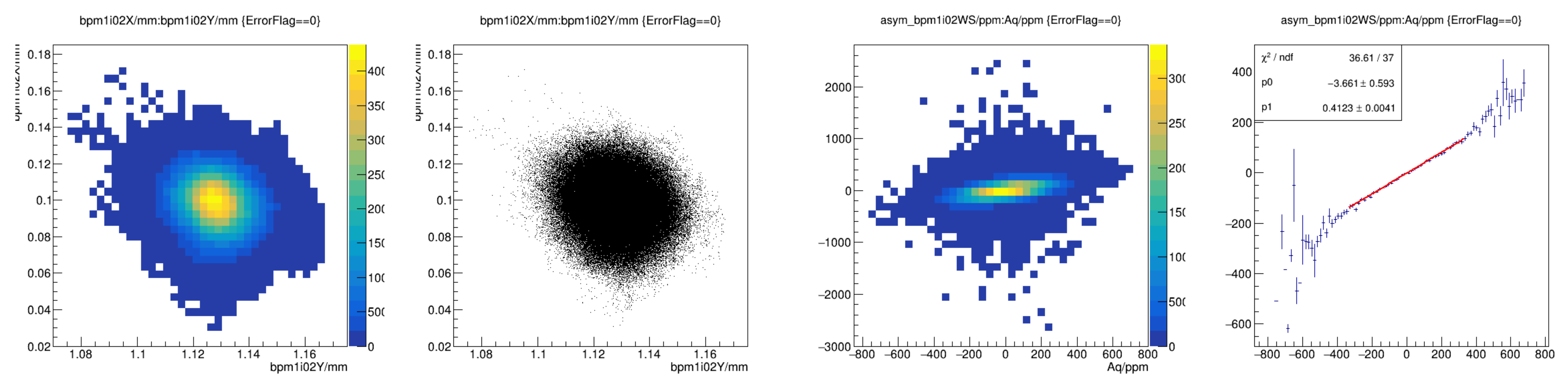


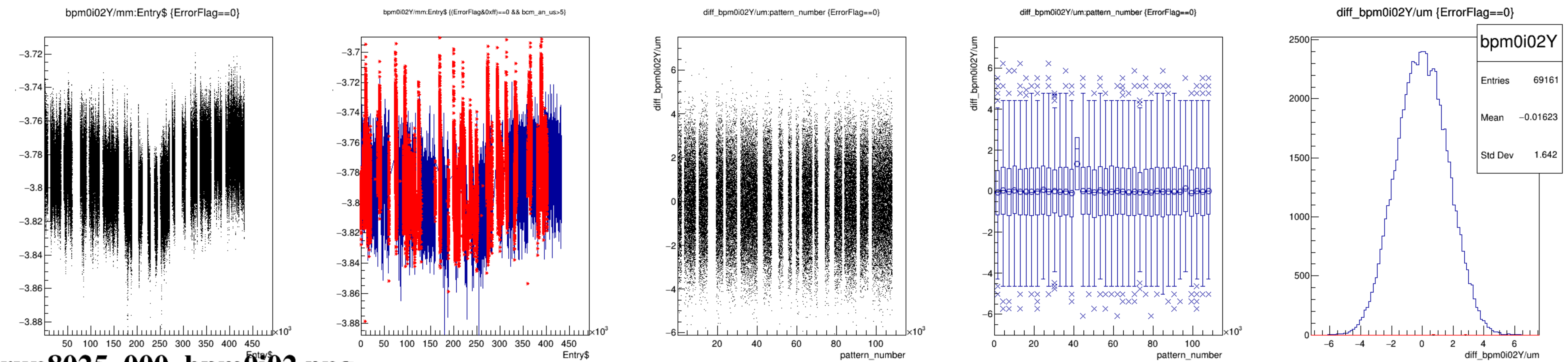
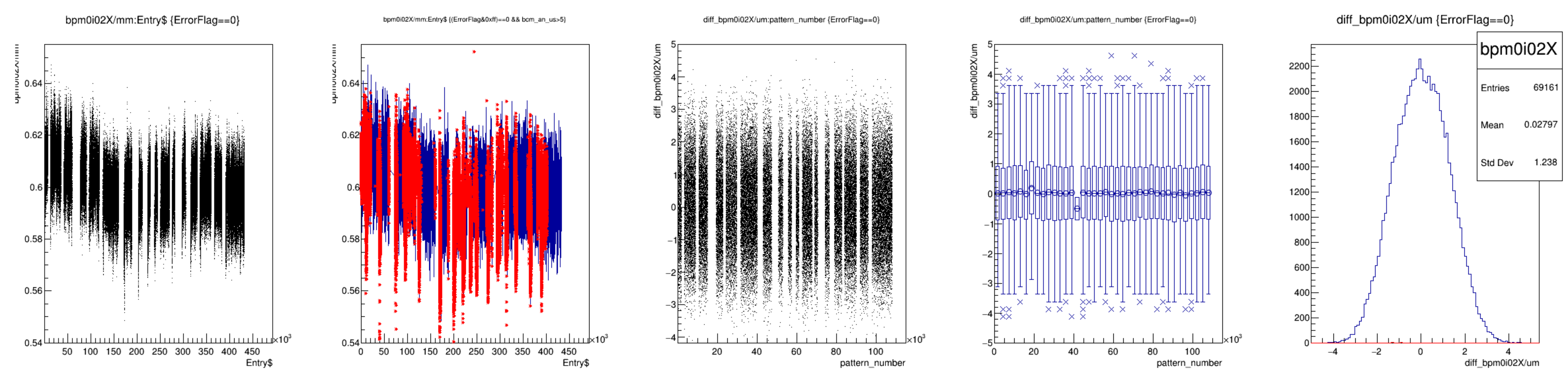


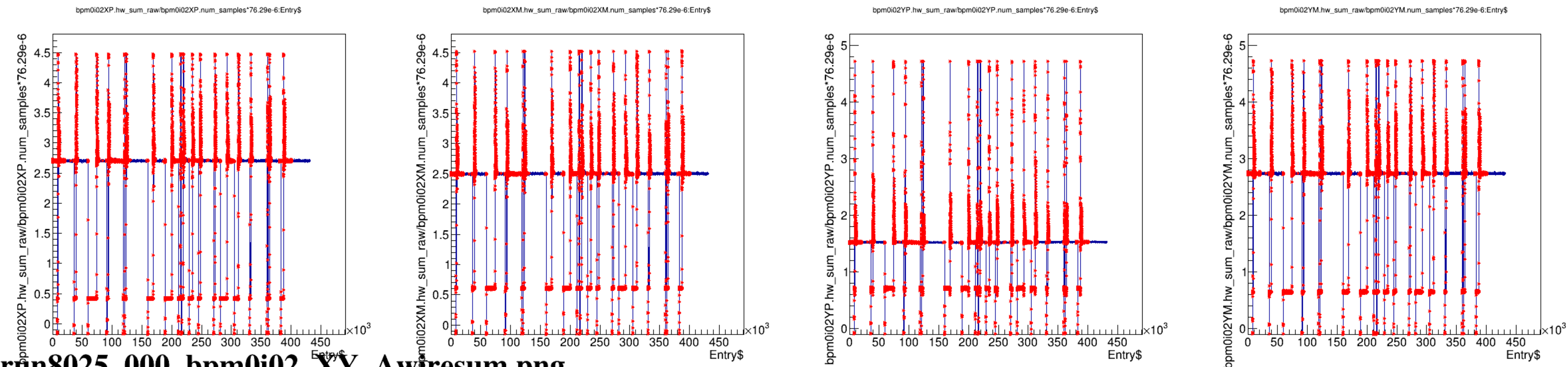
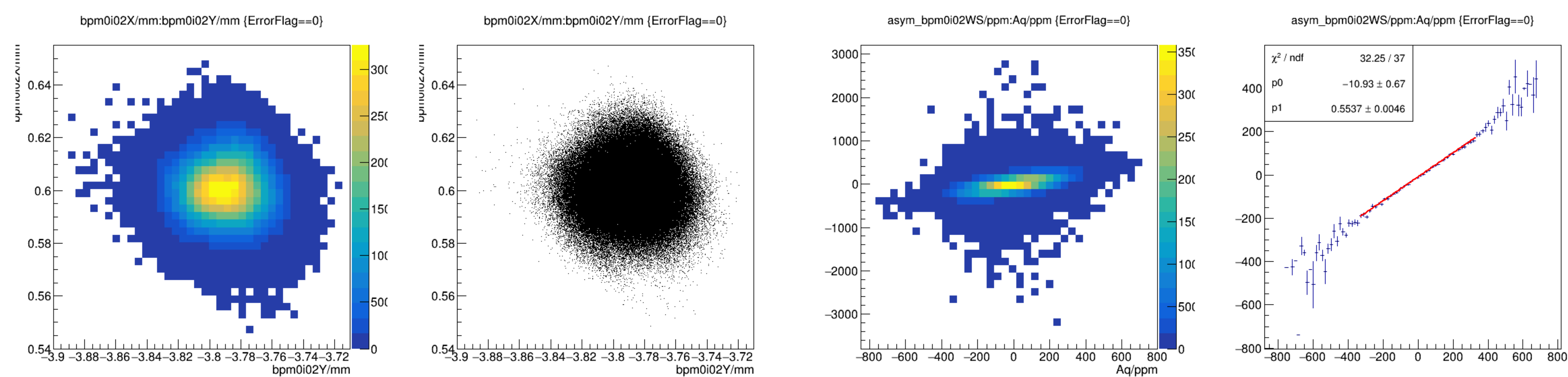


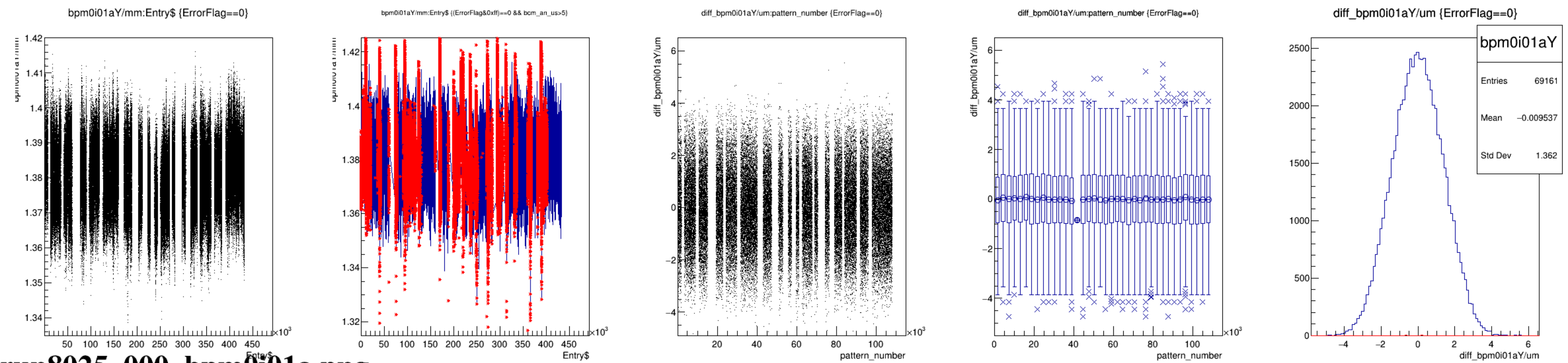
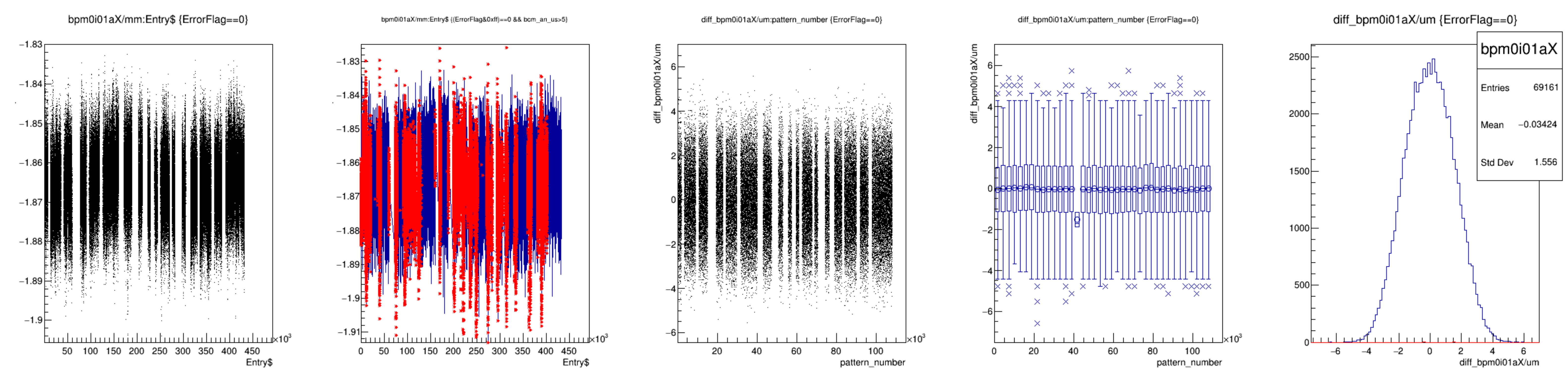


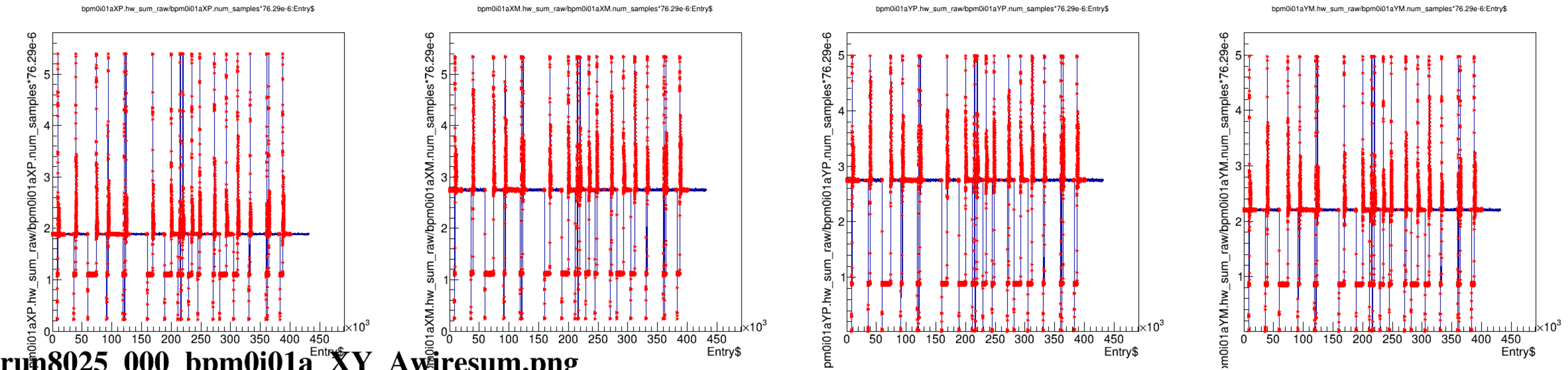
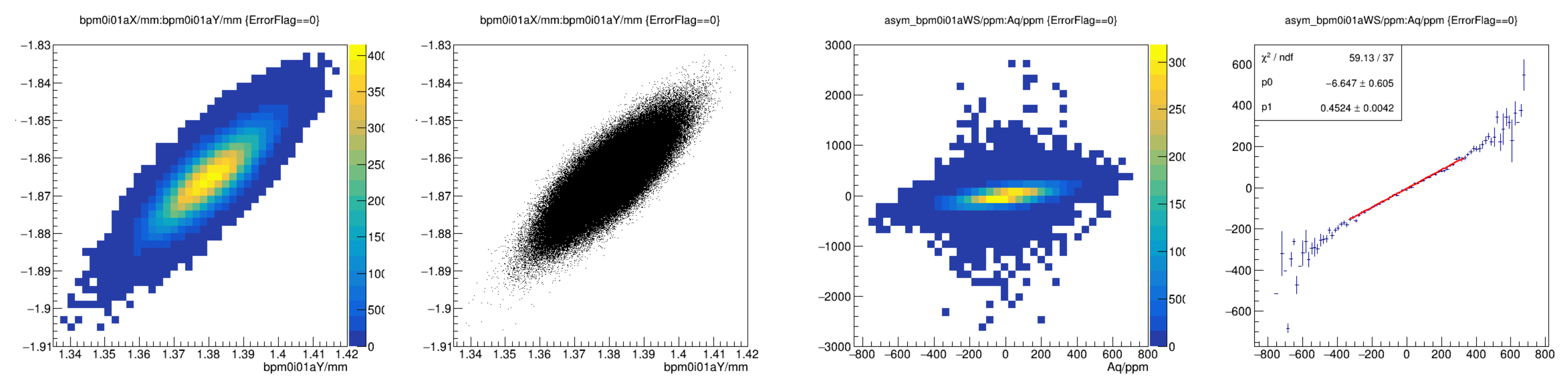




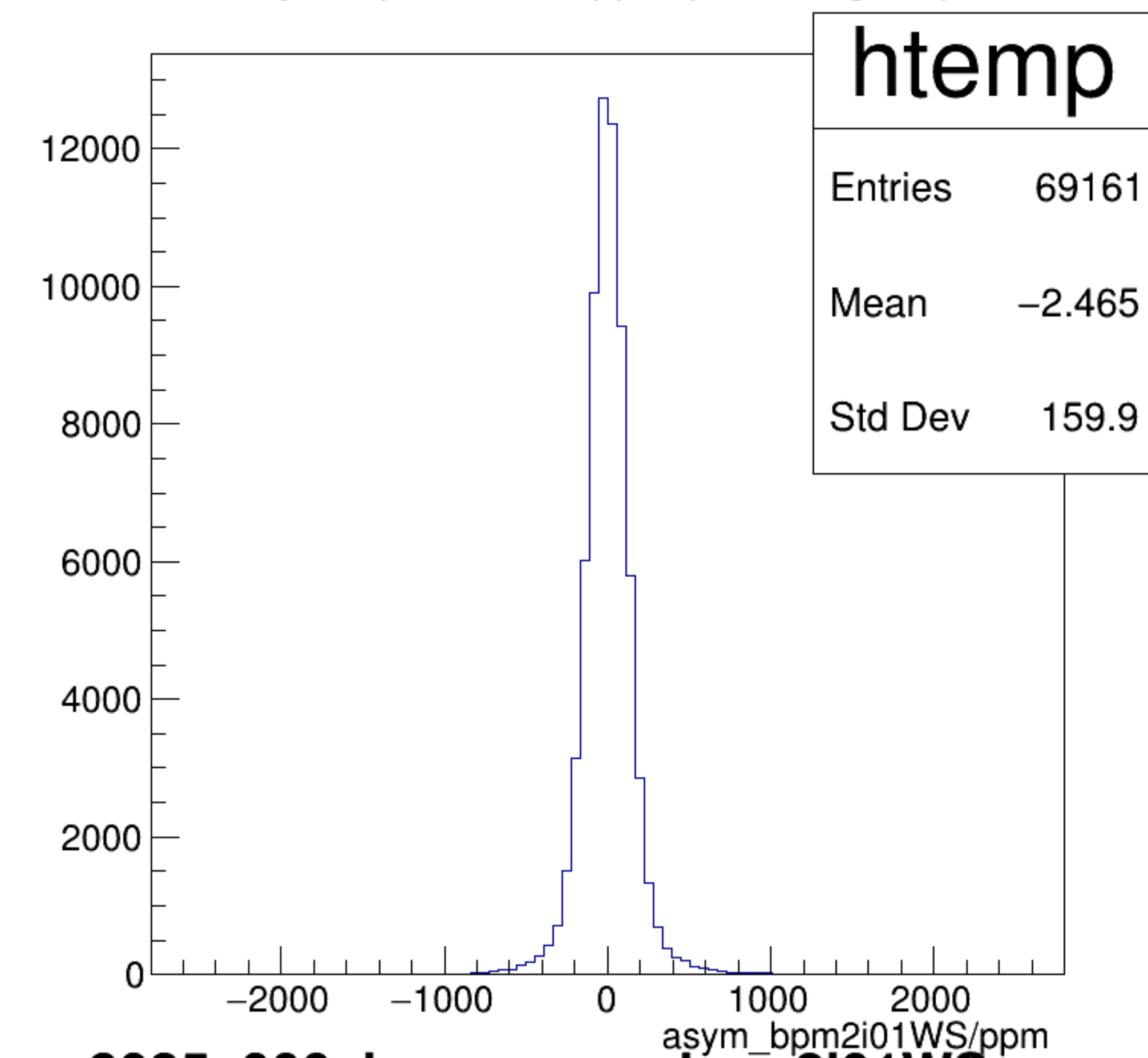




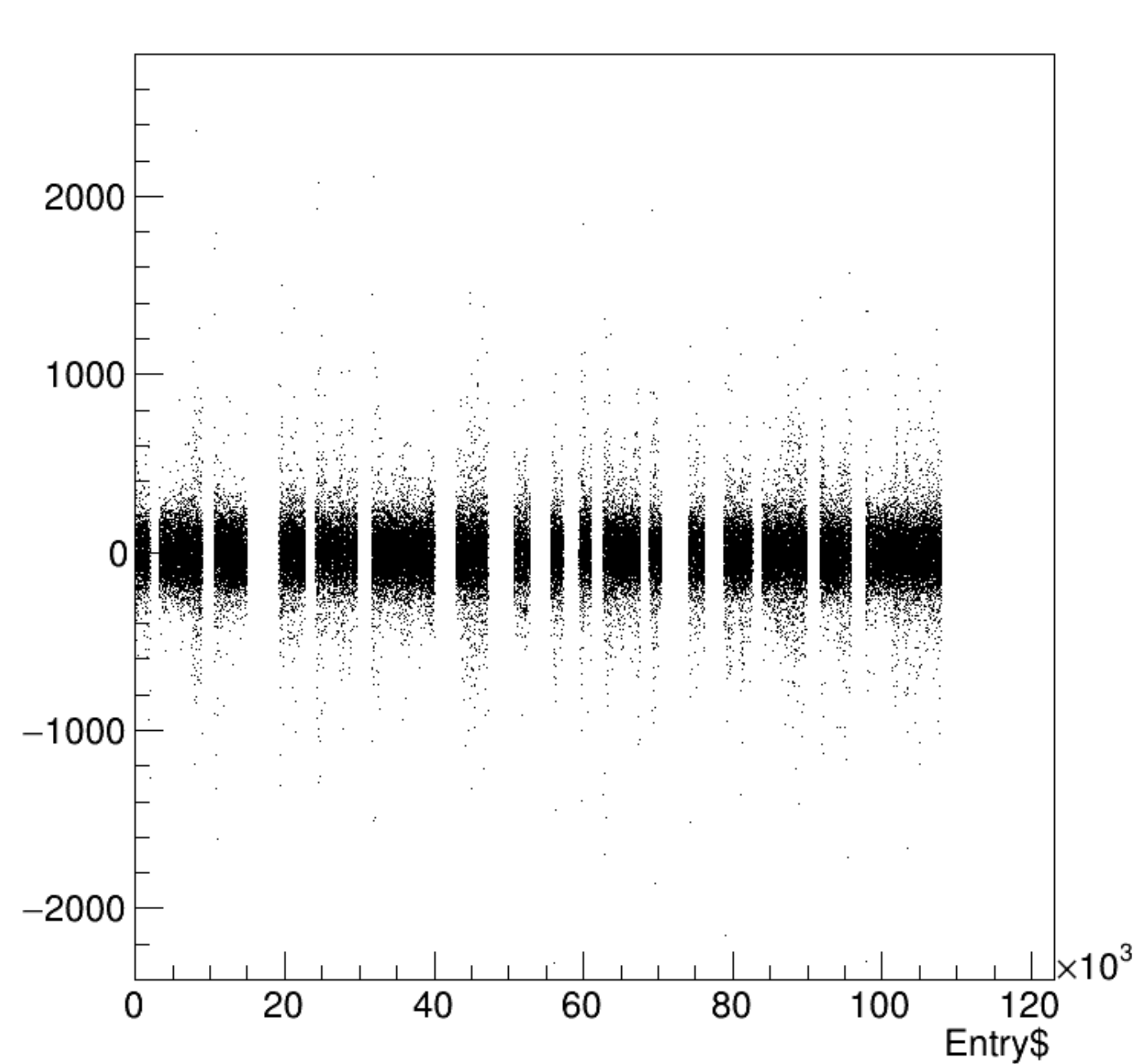




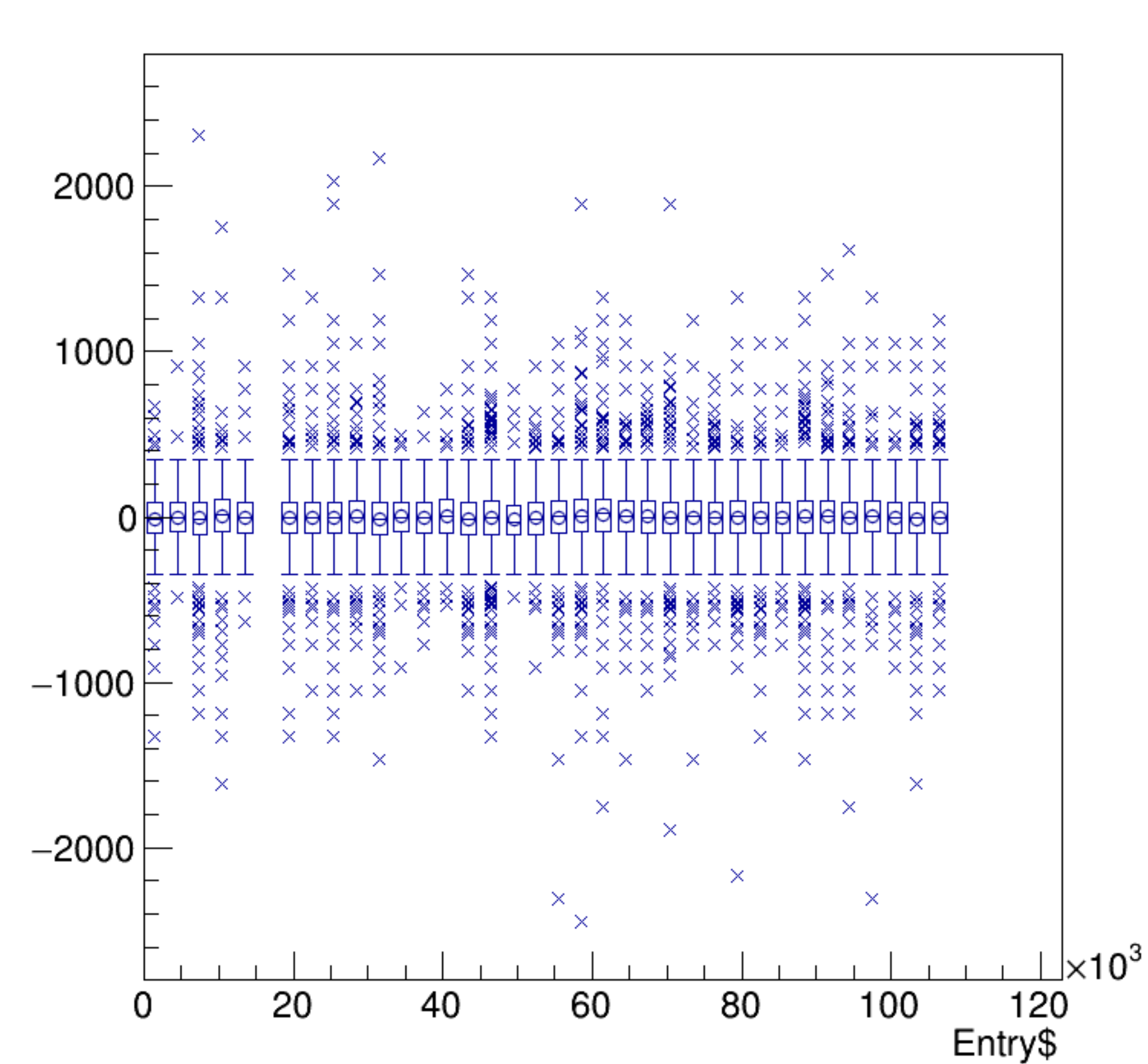
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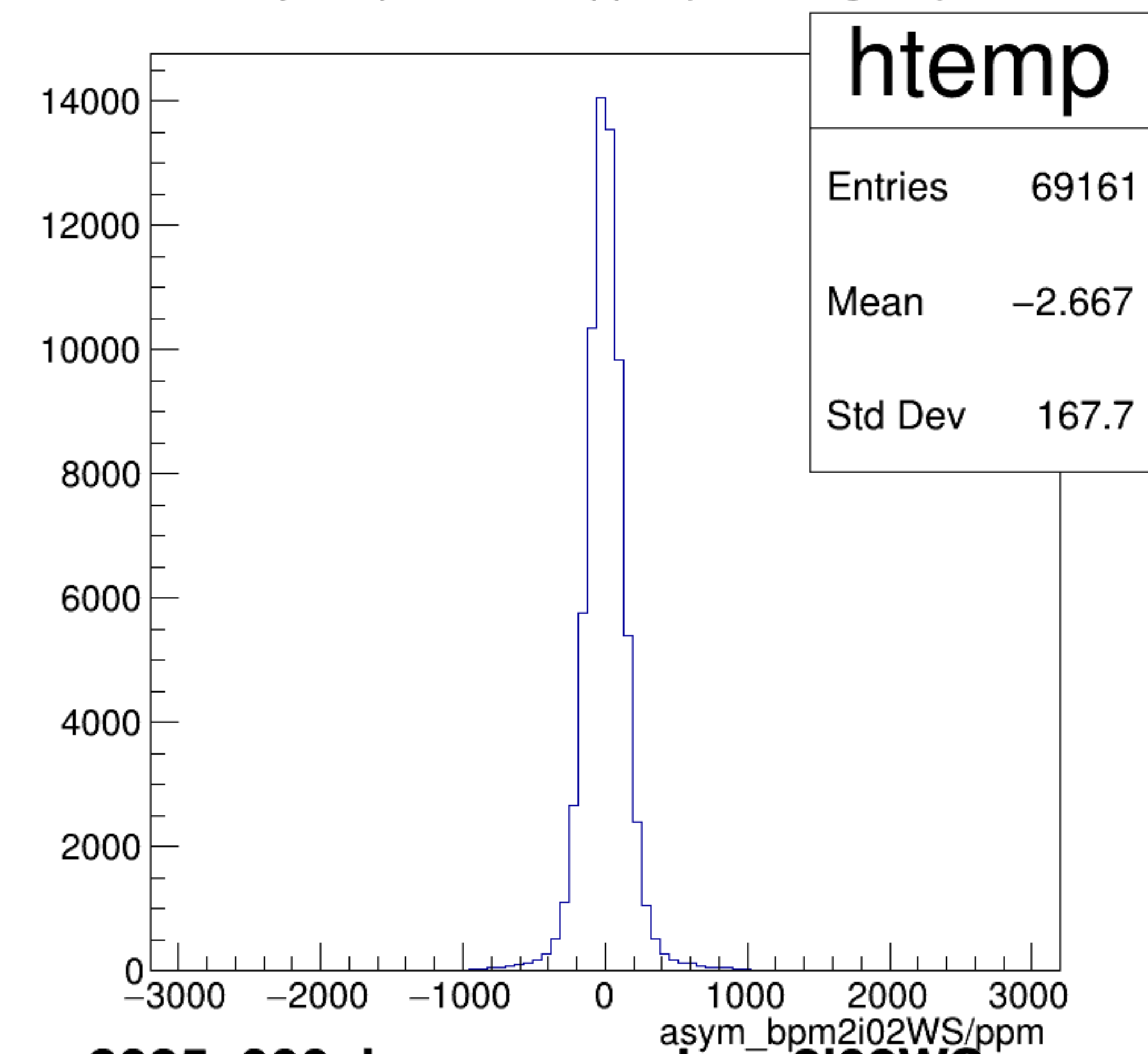
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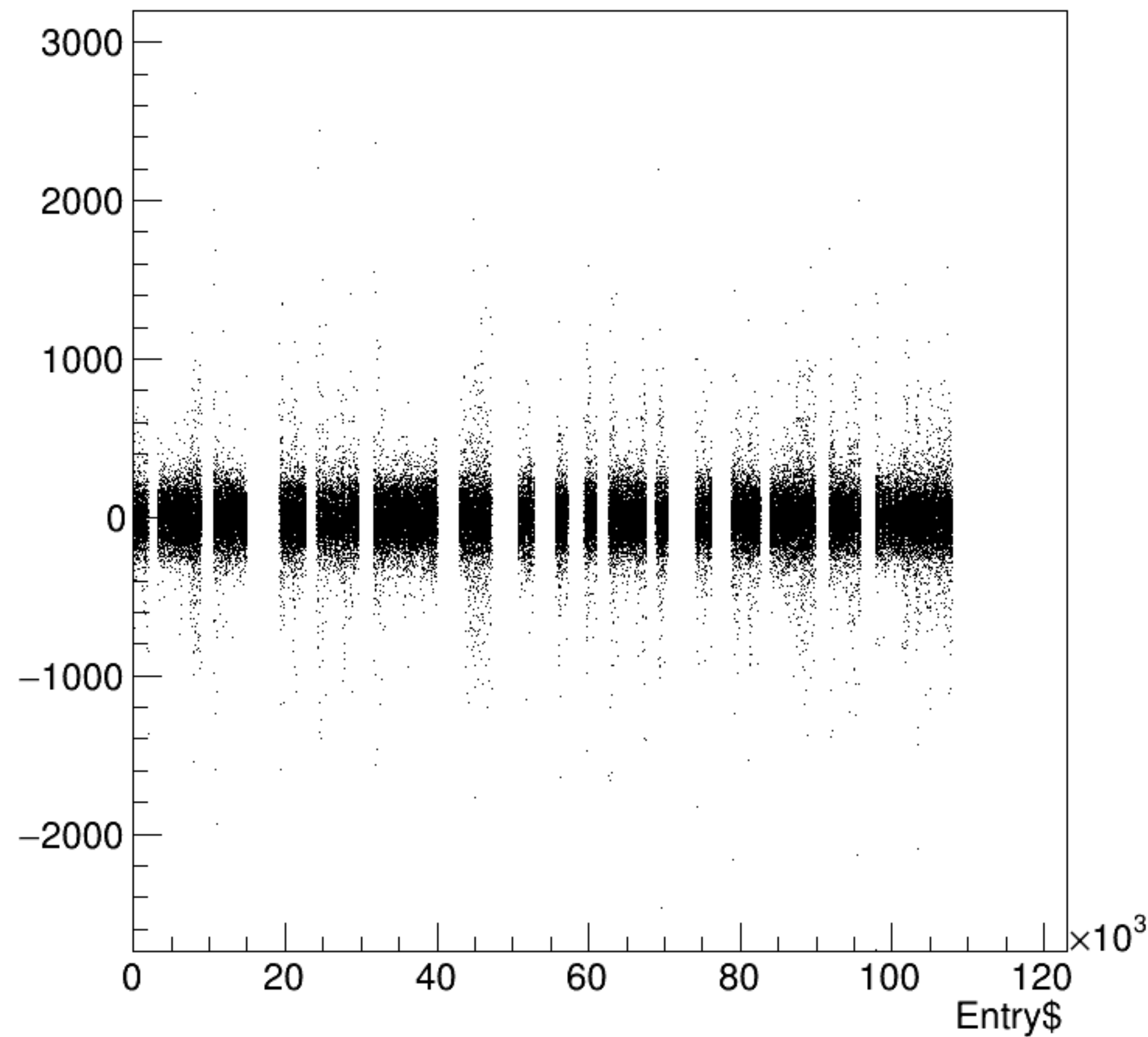


asym_bpm2i02WS/ppm {ErrorFlag==0}

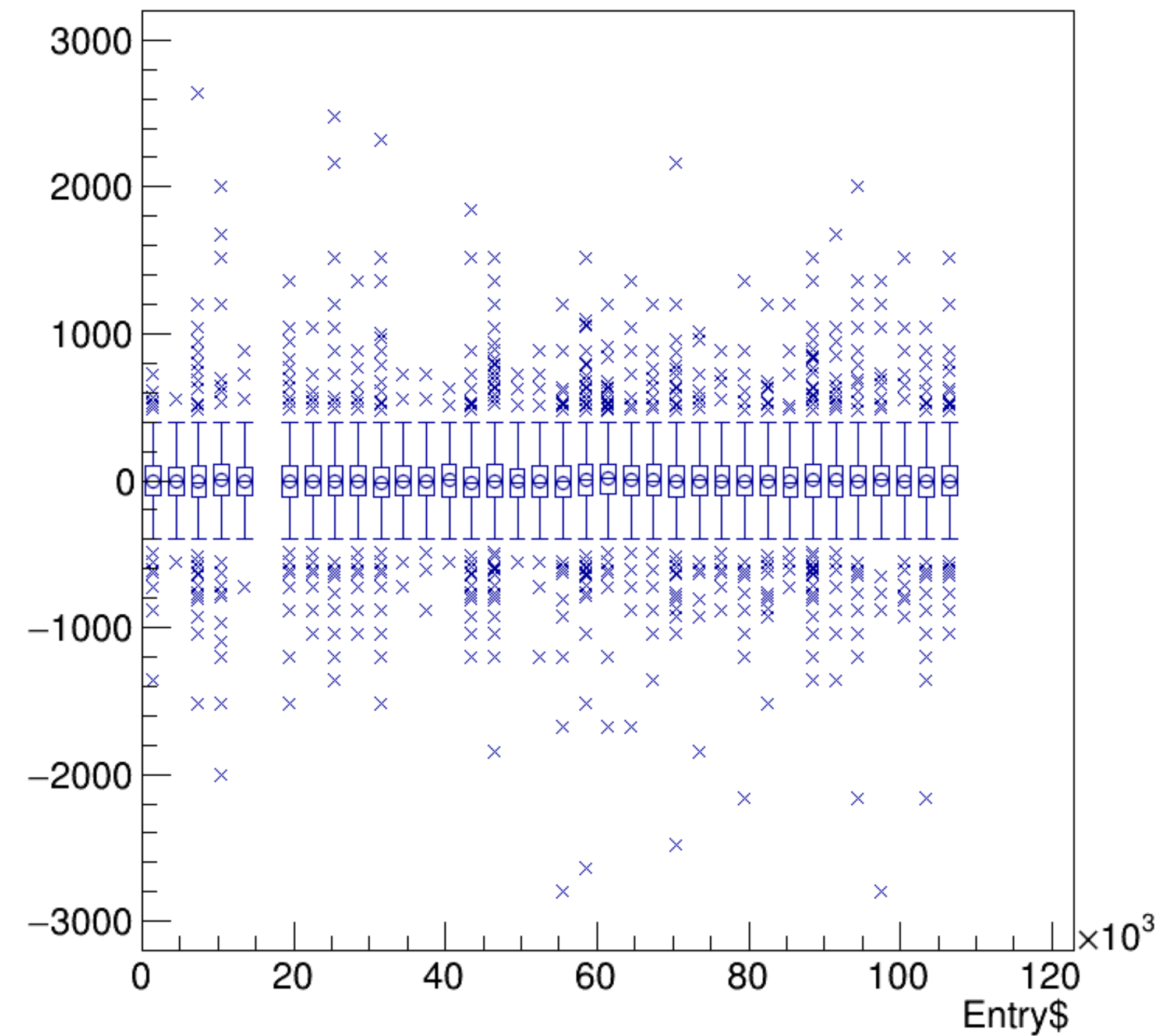


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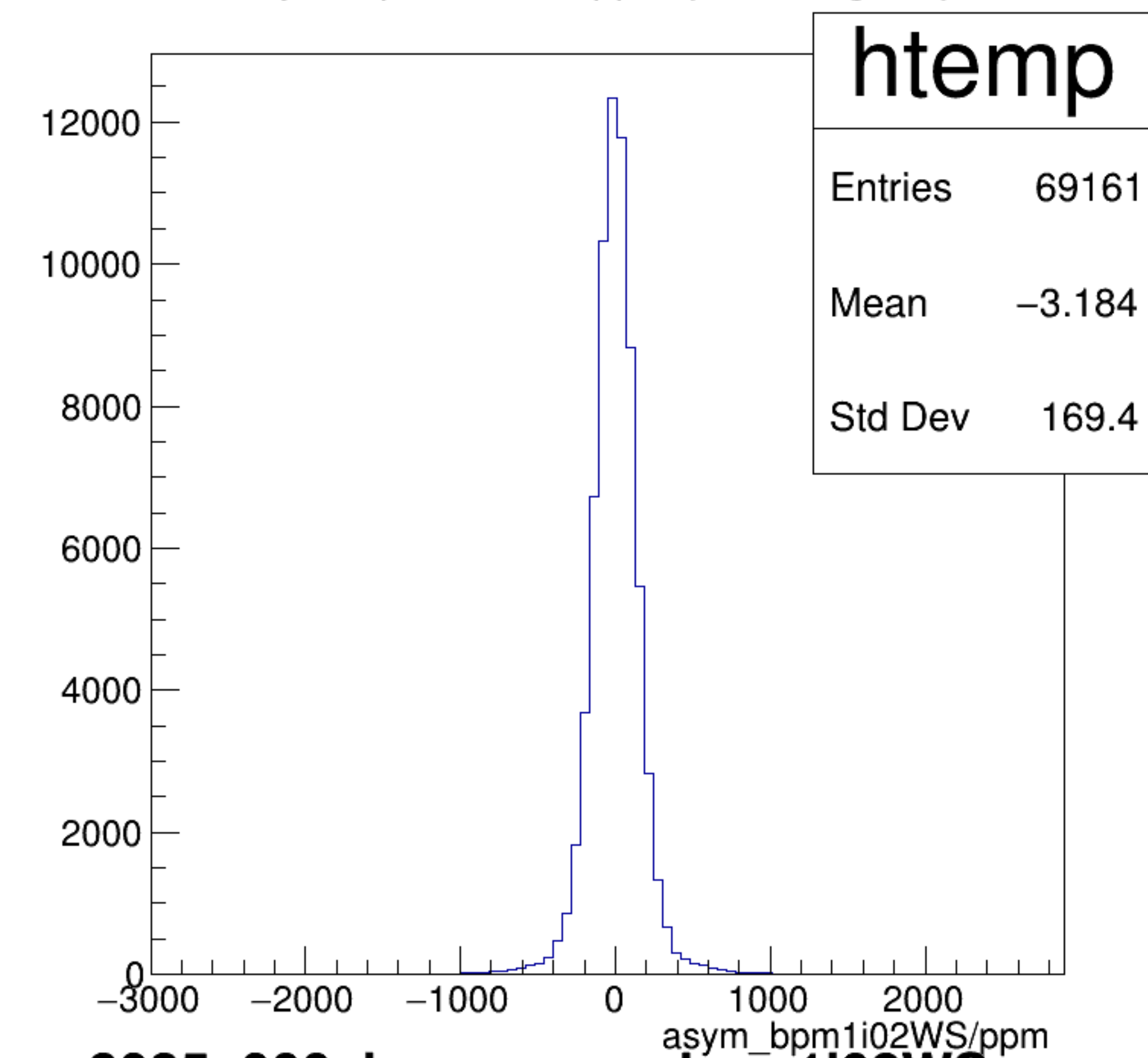
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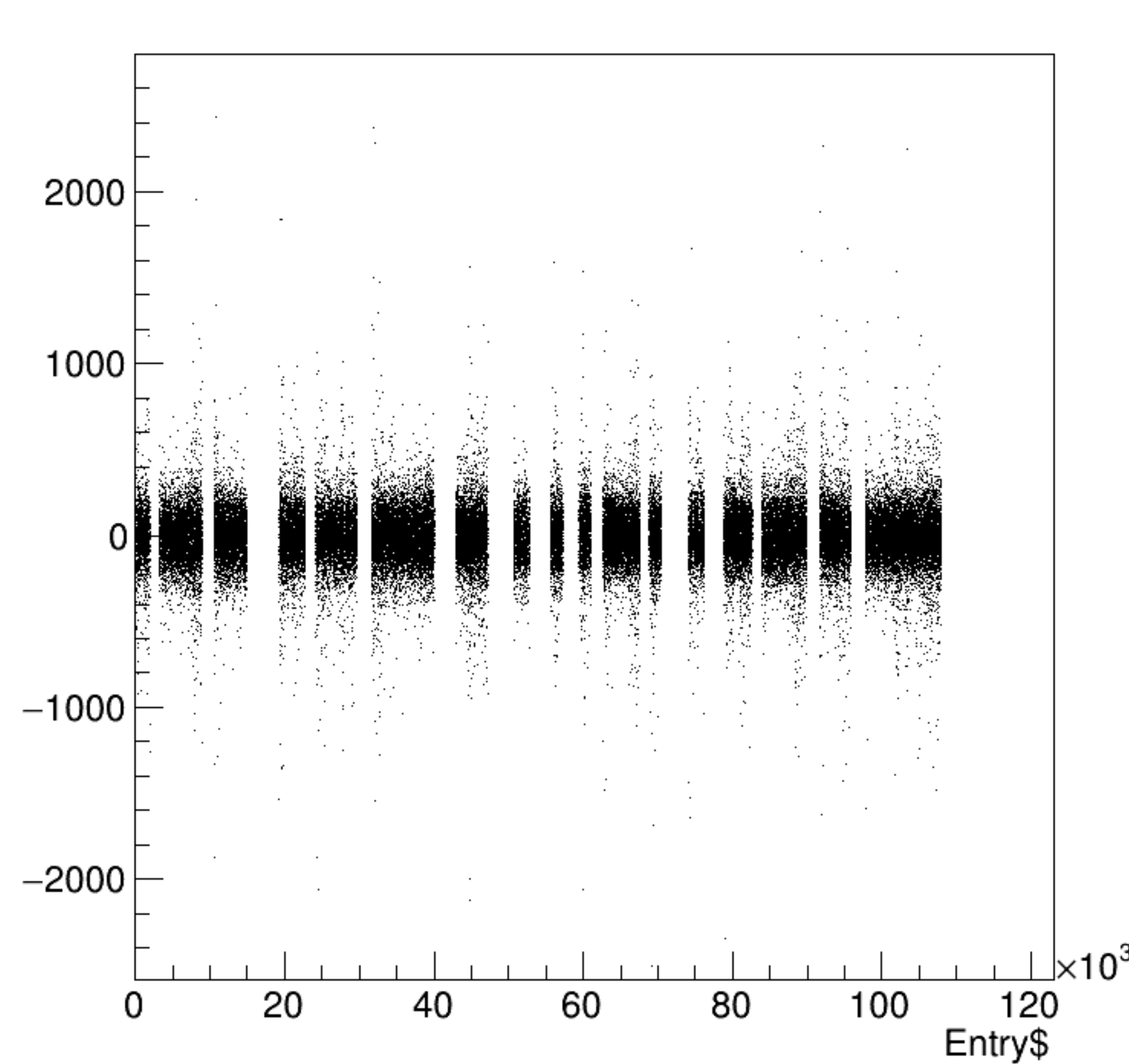
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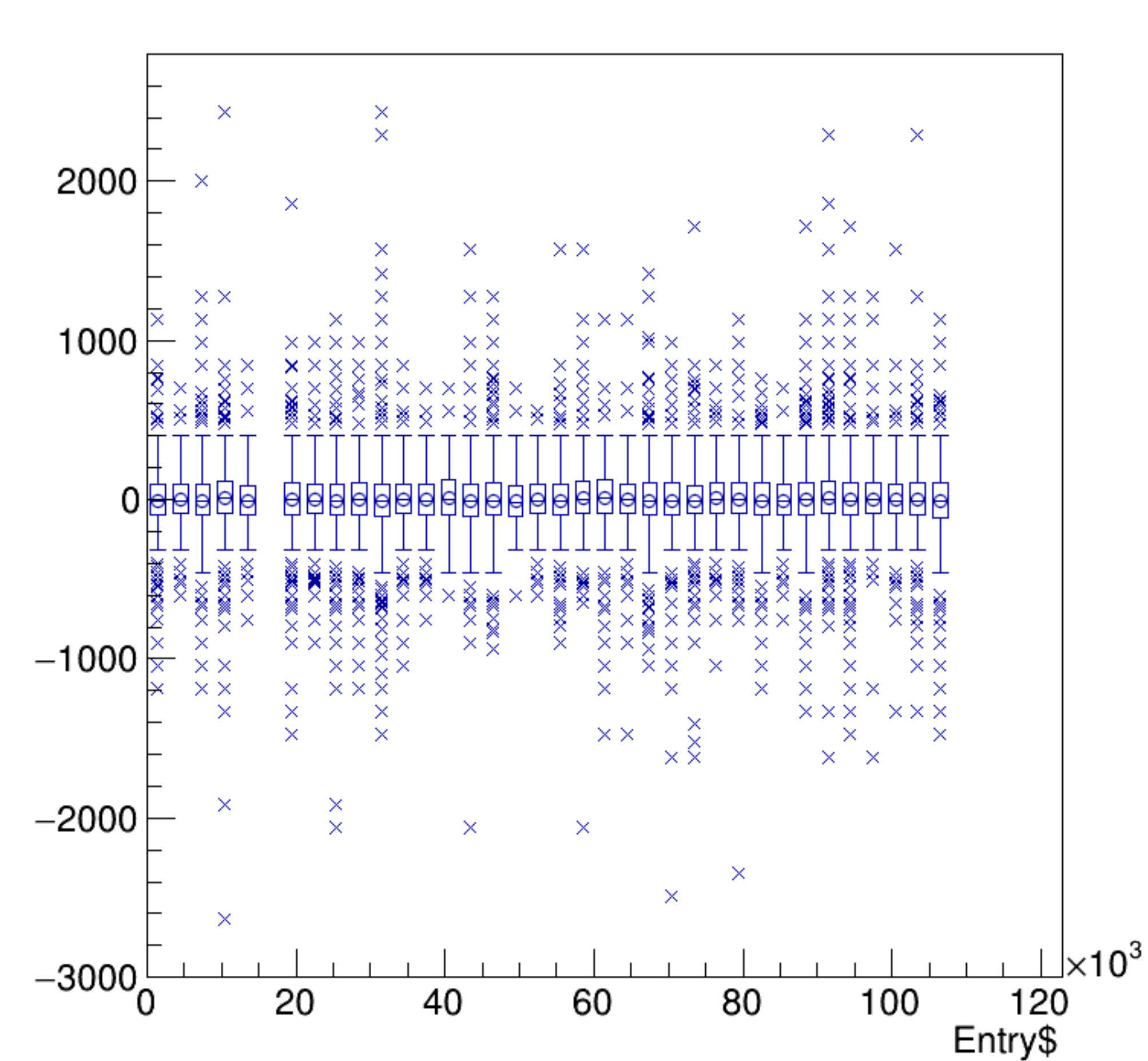
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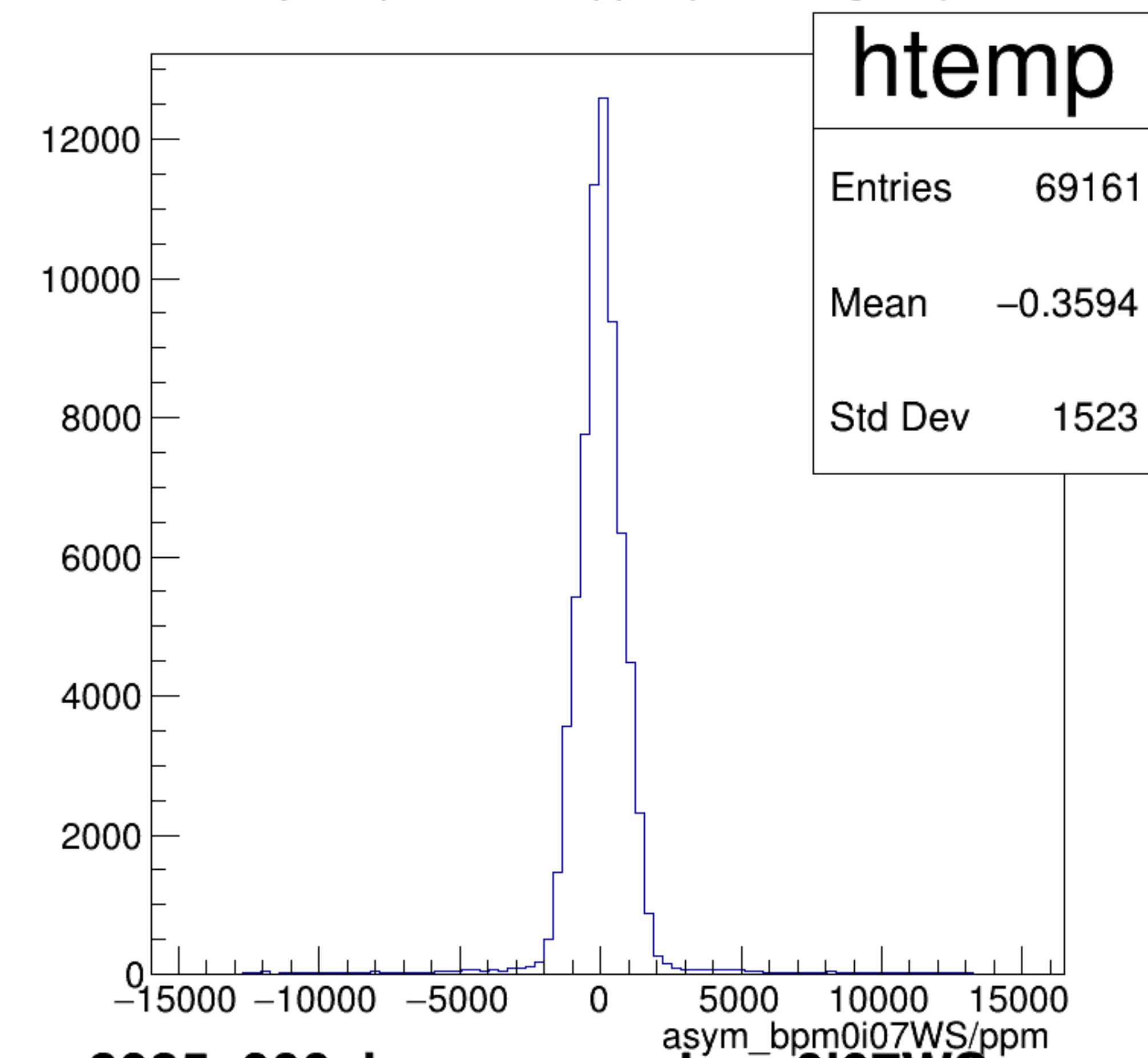
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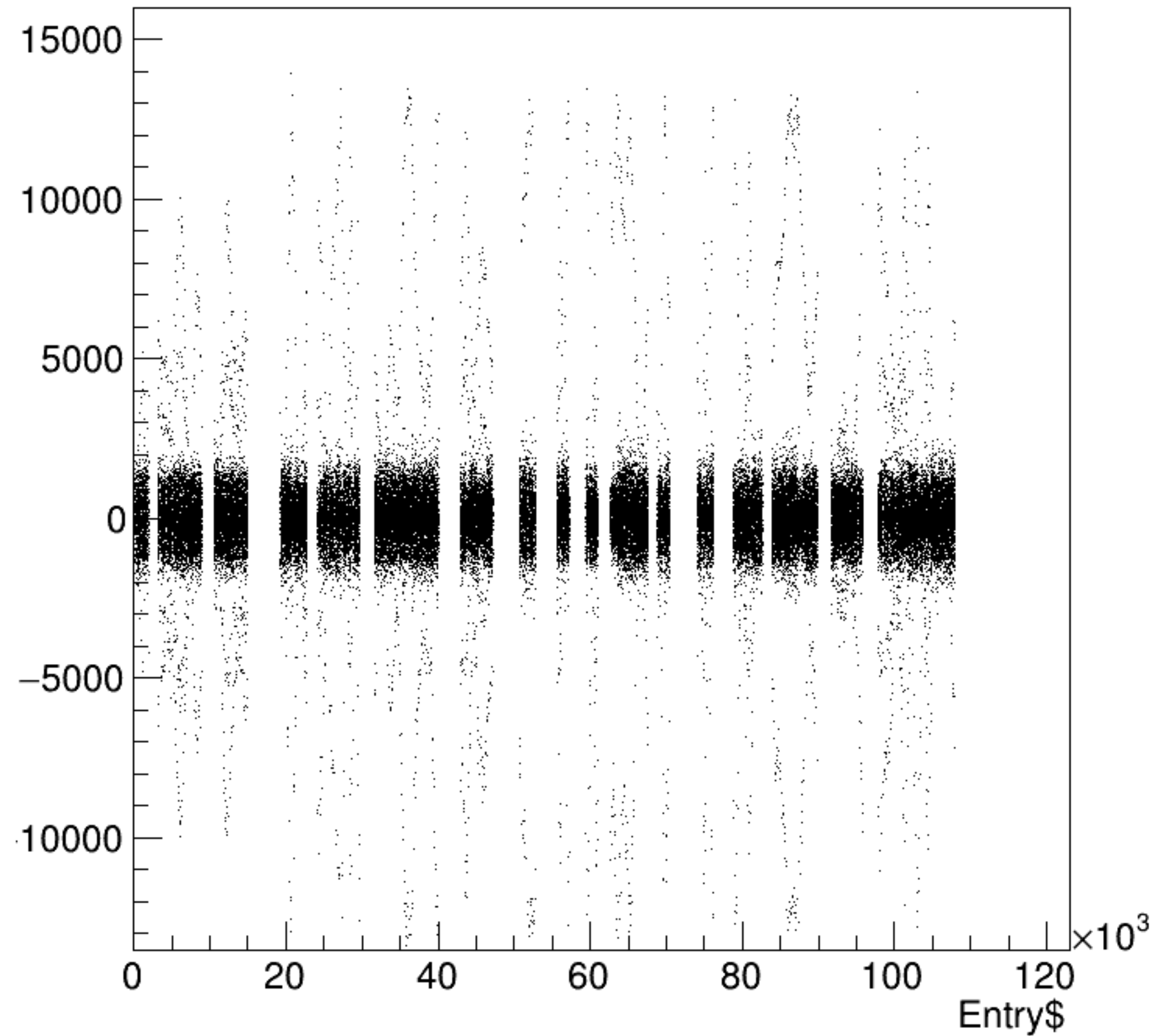


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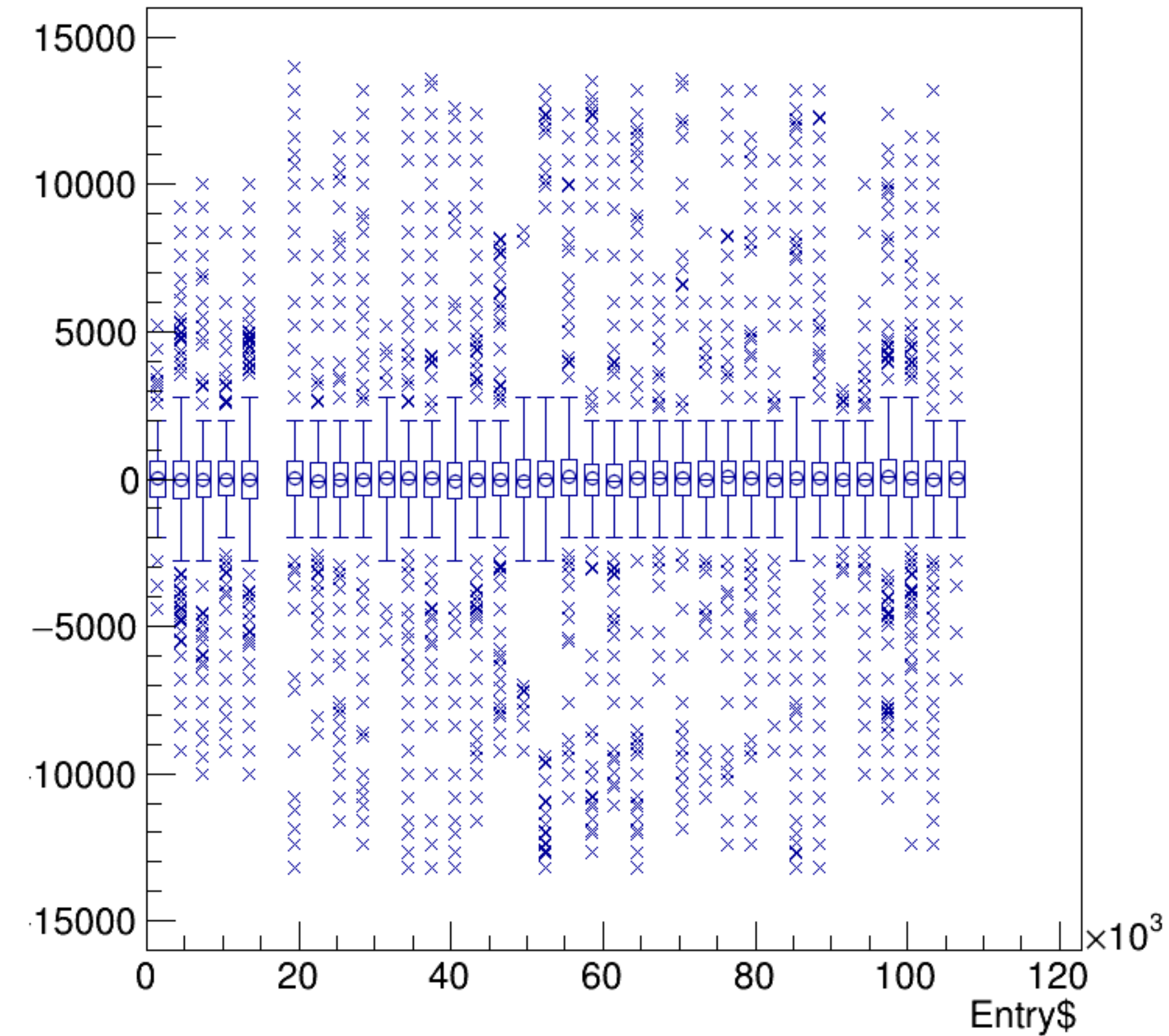


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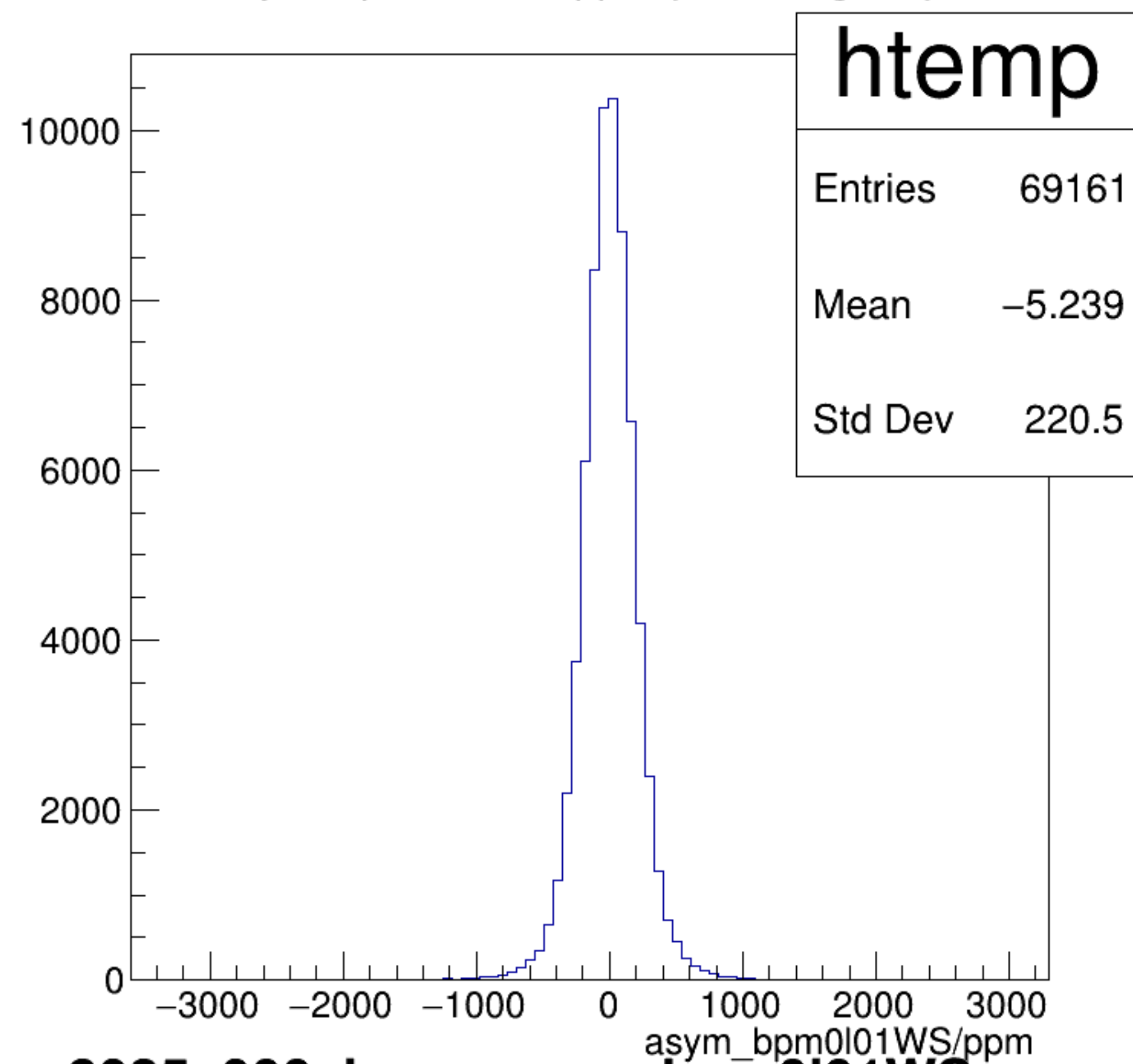
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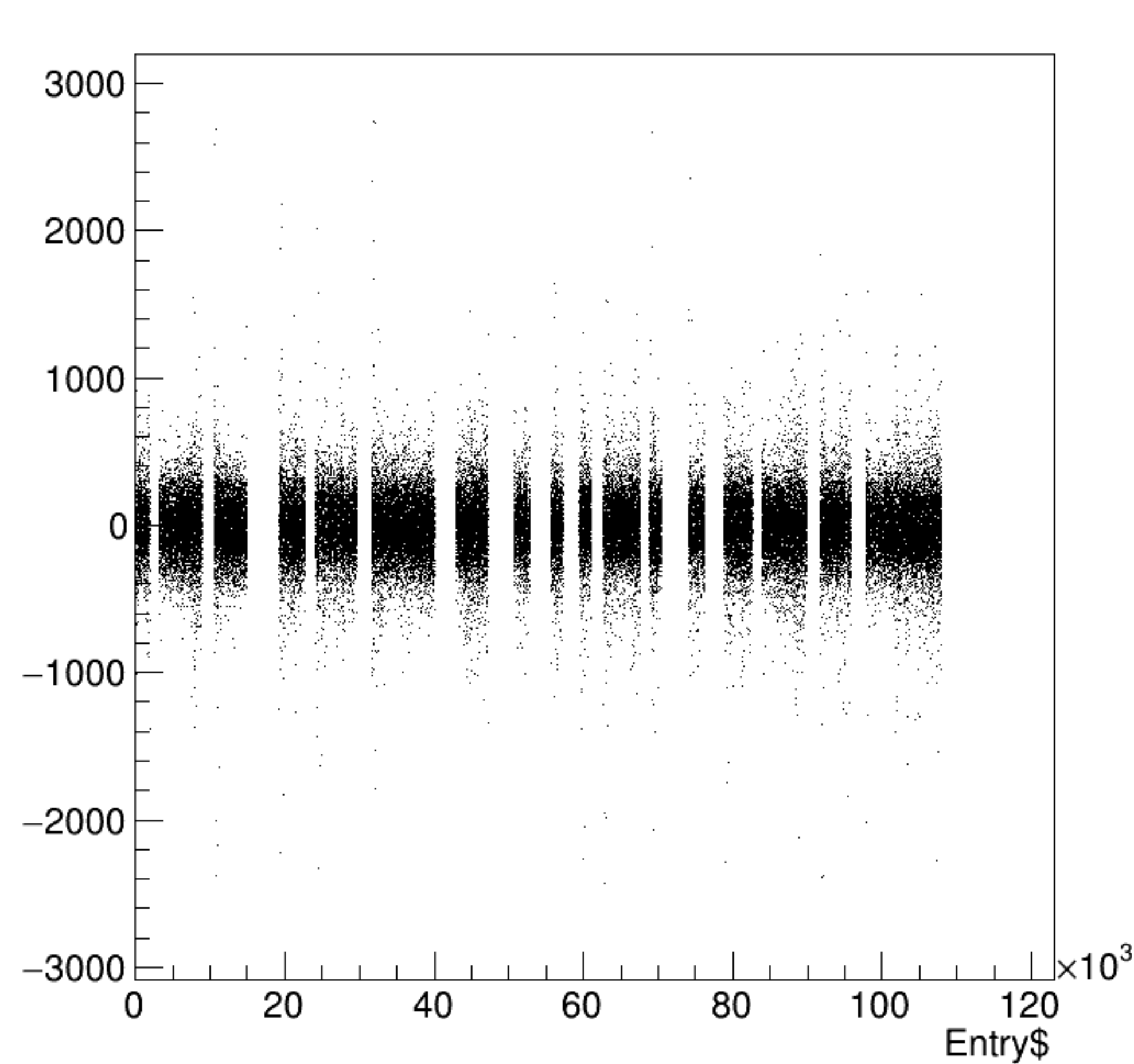


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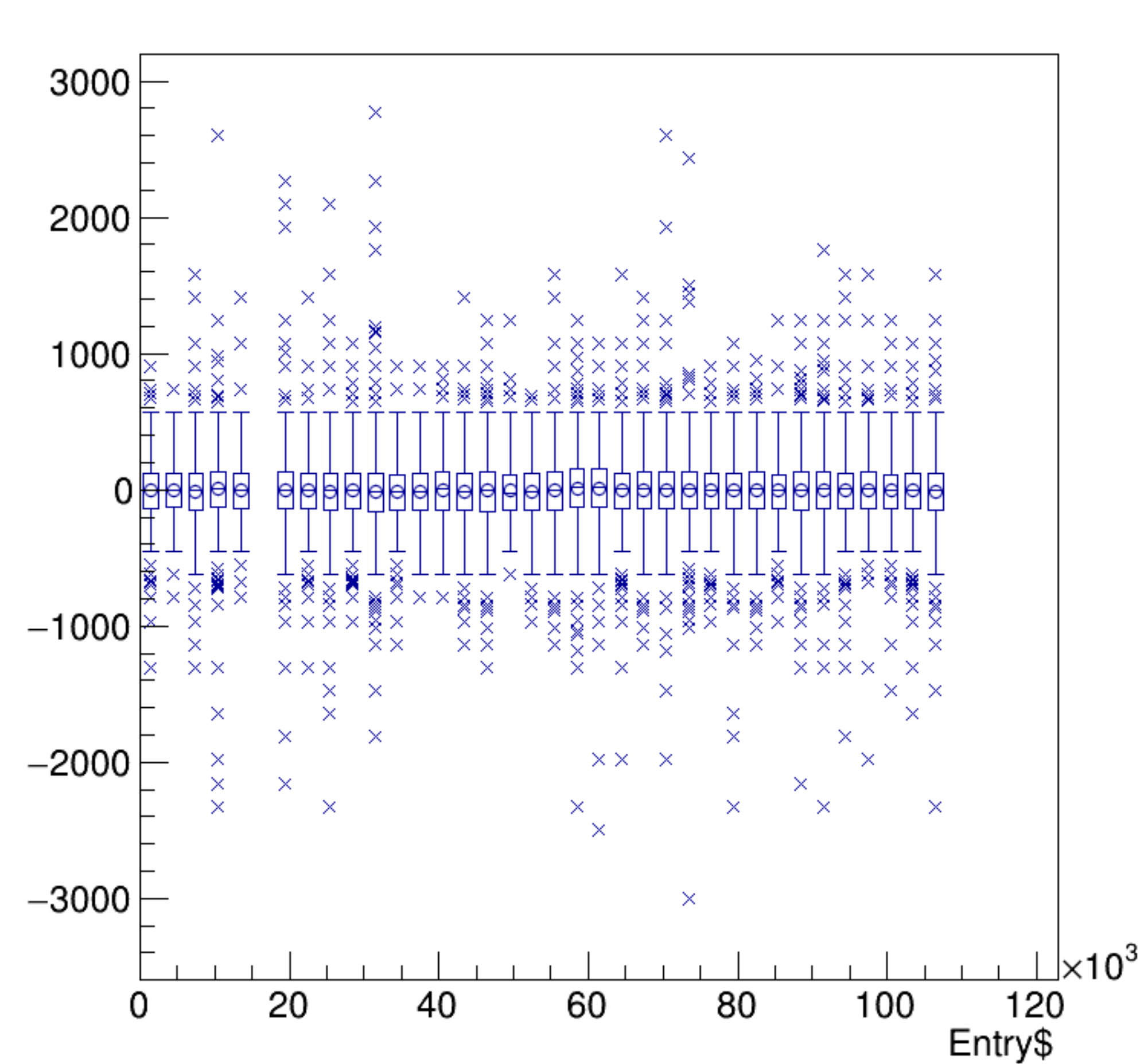


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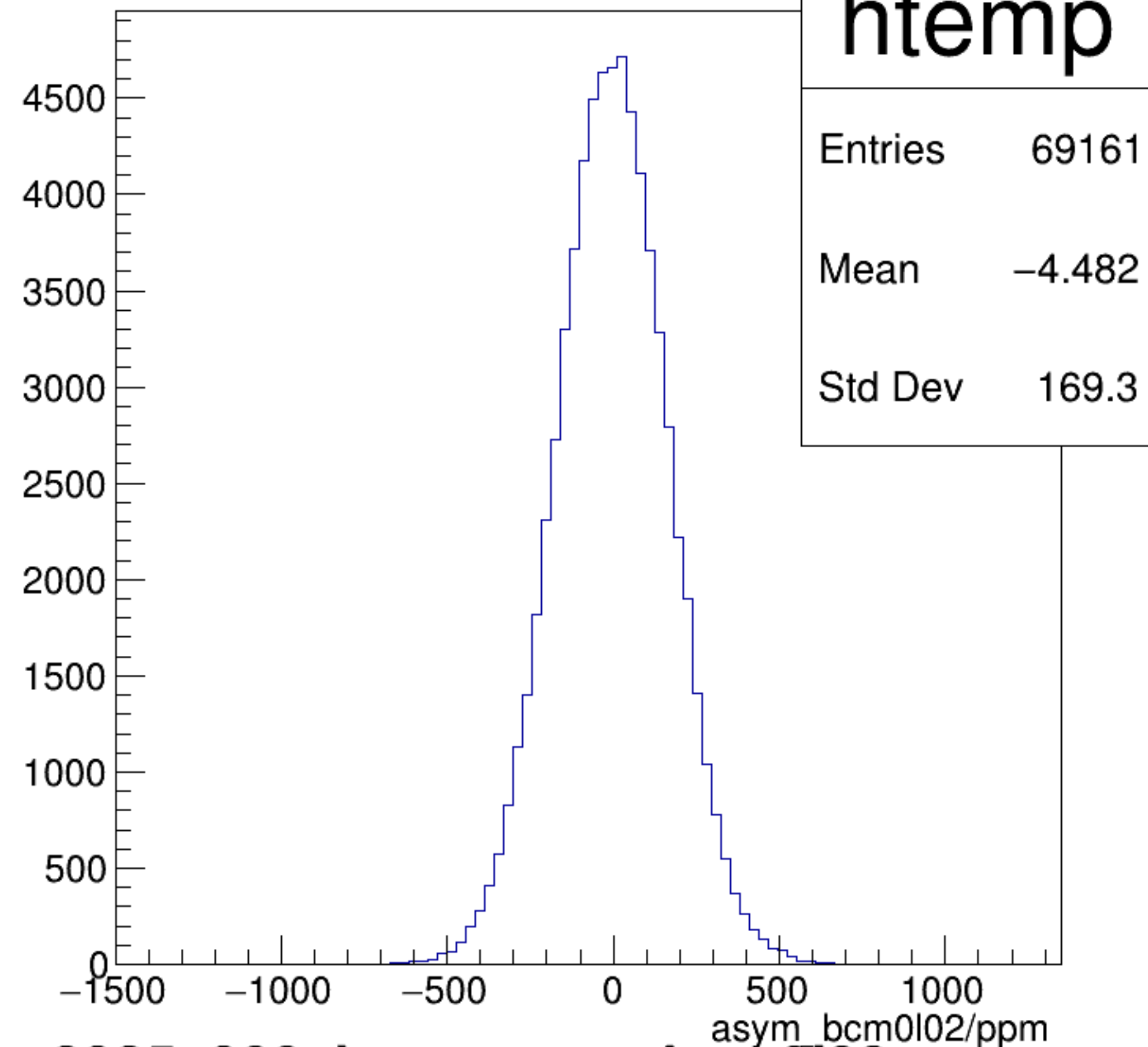
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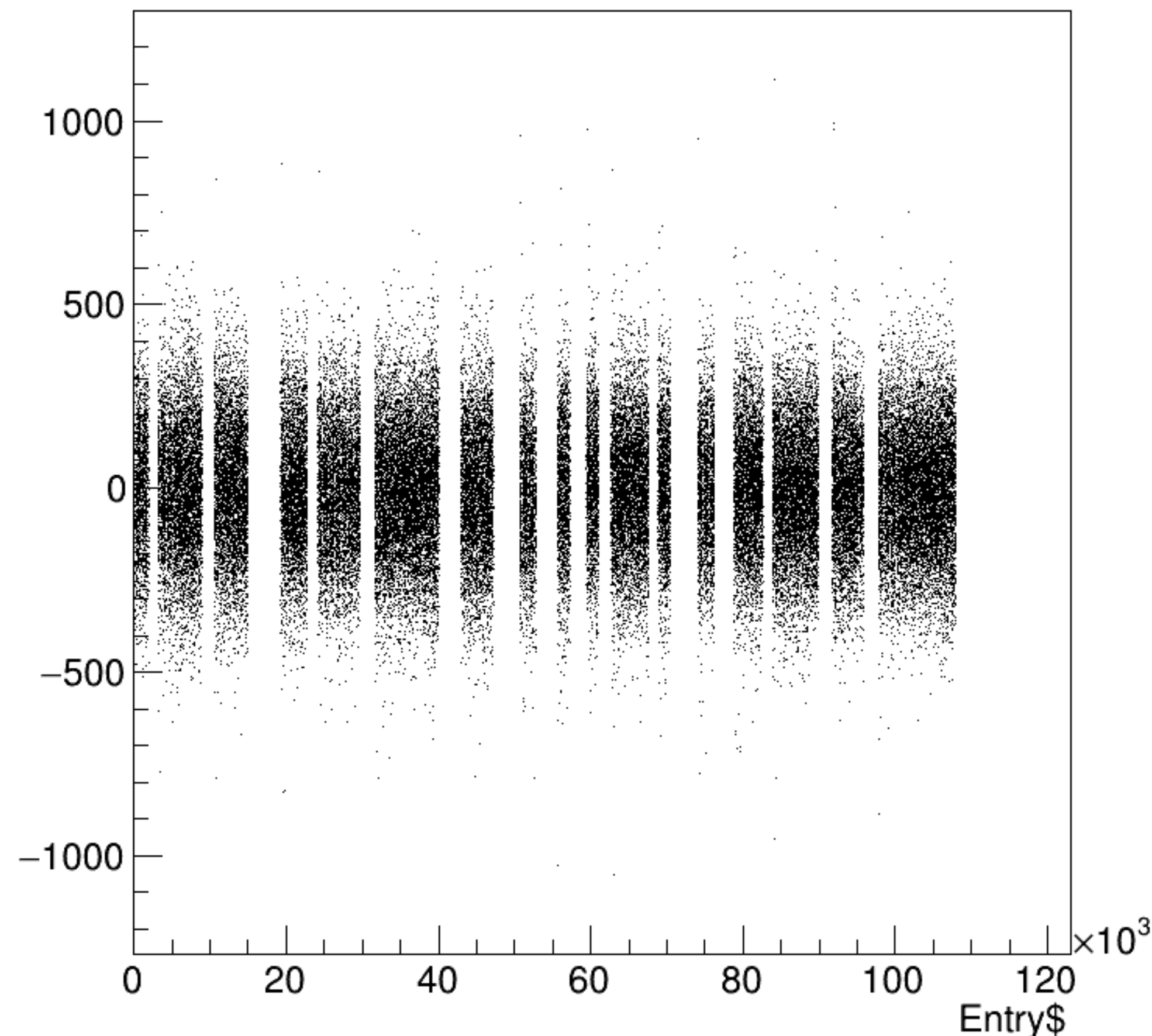


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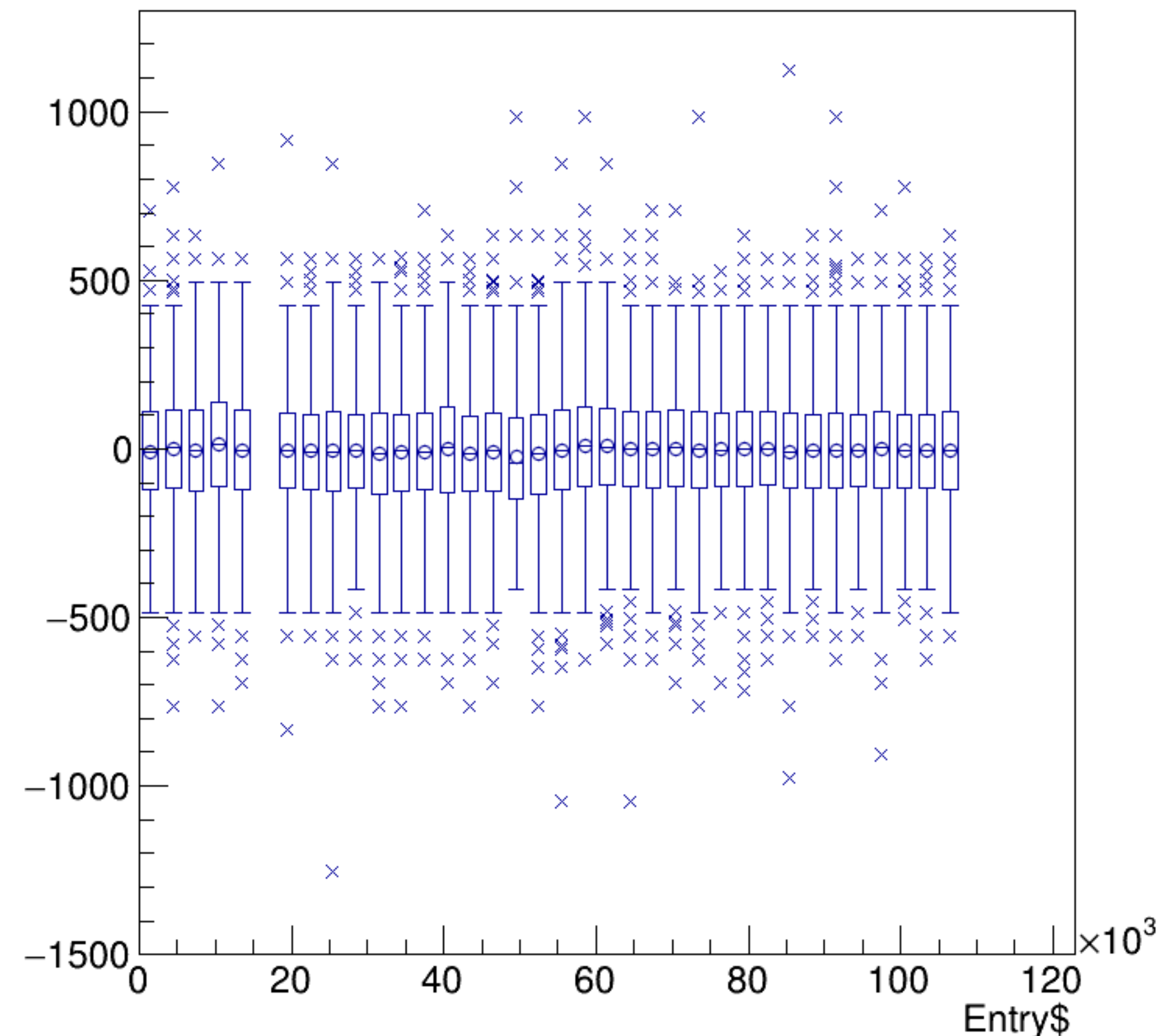


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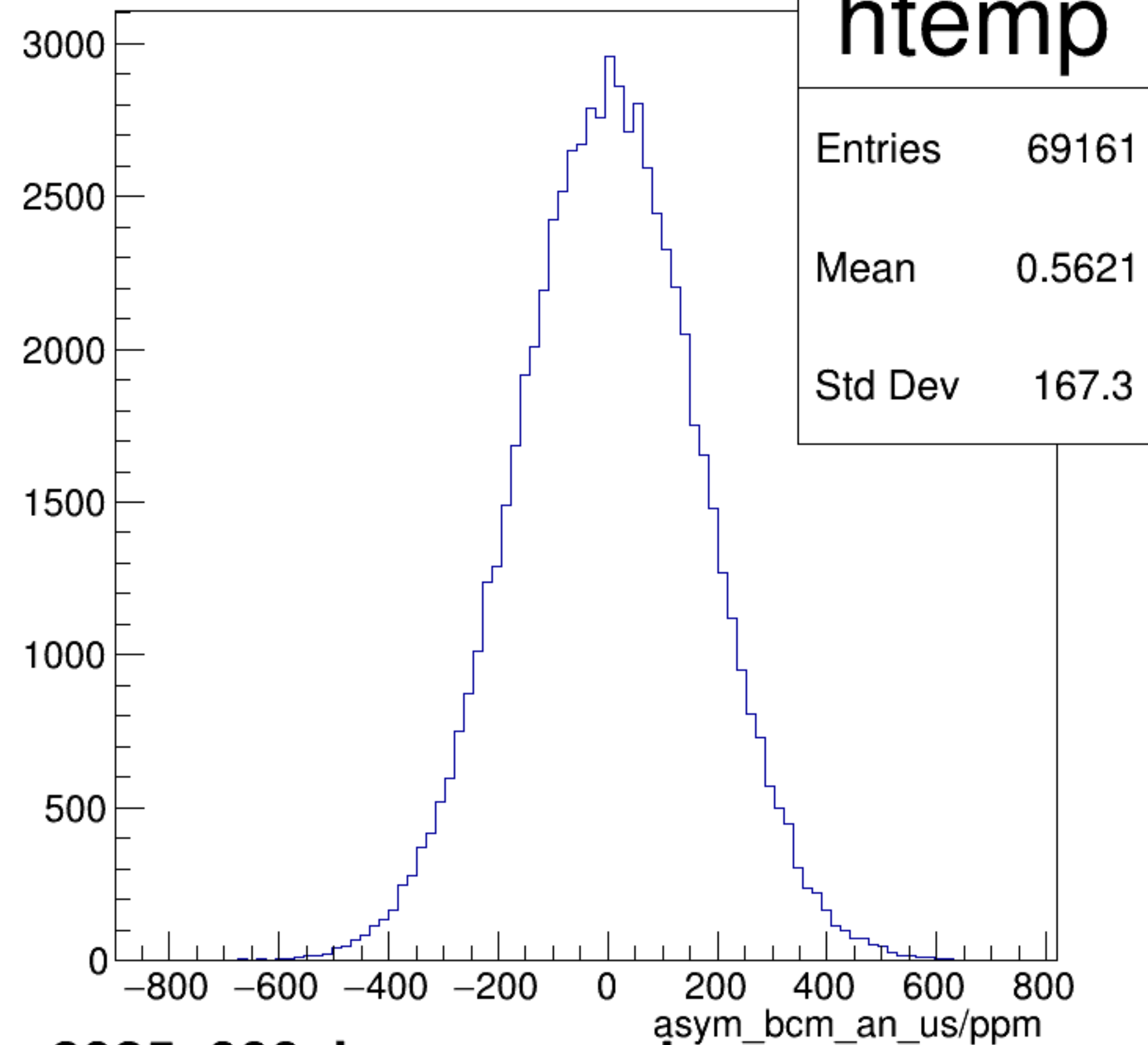
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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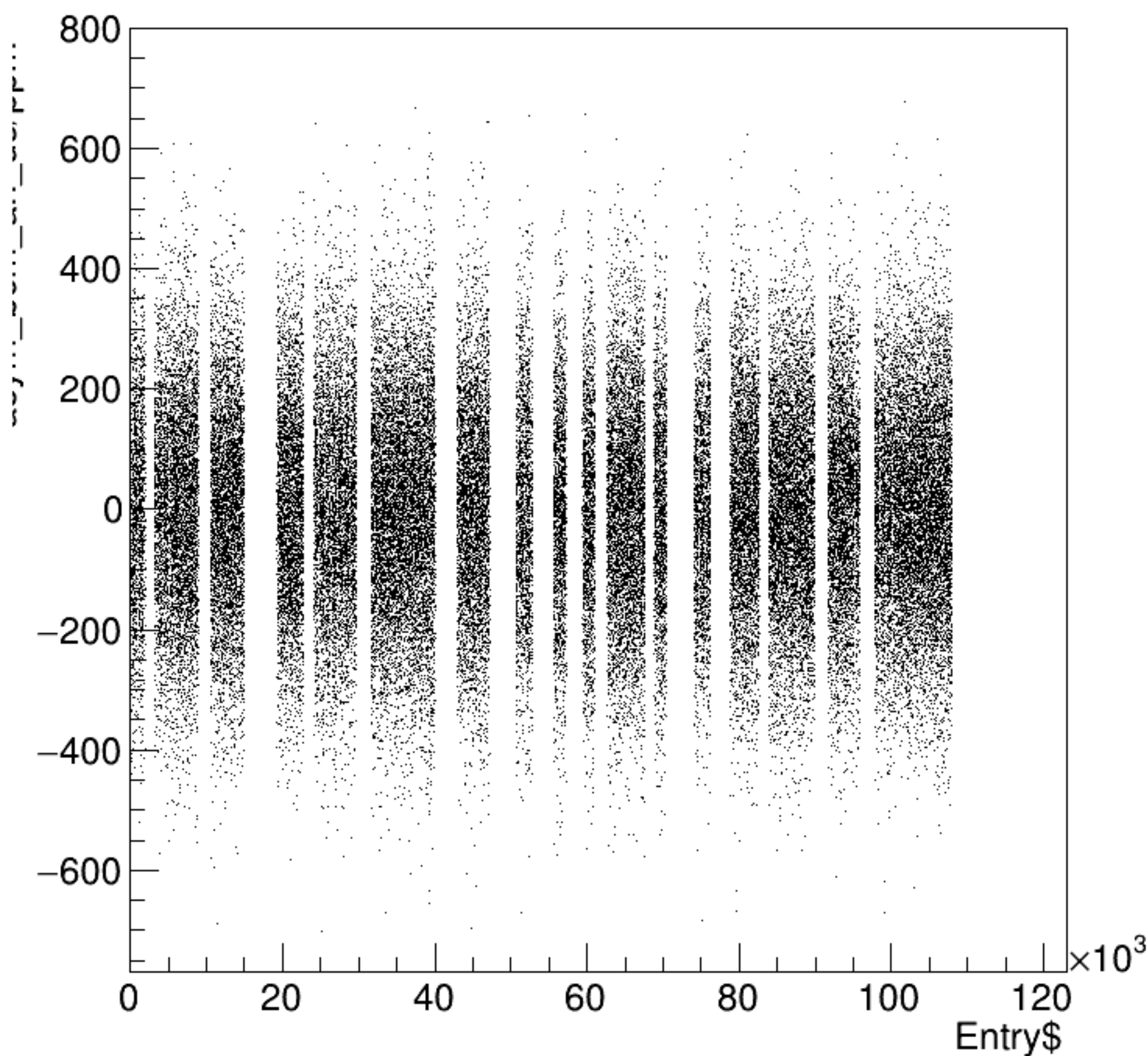


asym_bcm_an_us/ppm {ErrorFlag==0}

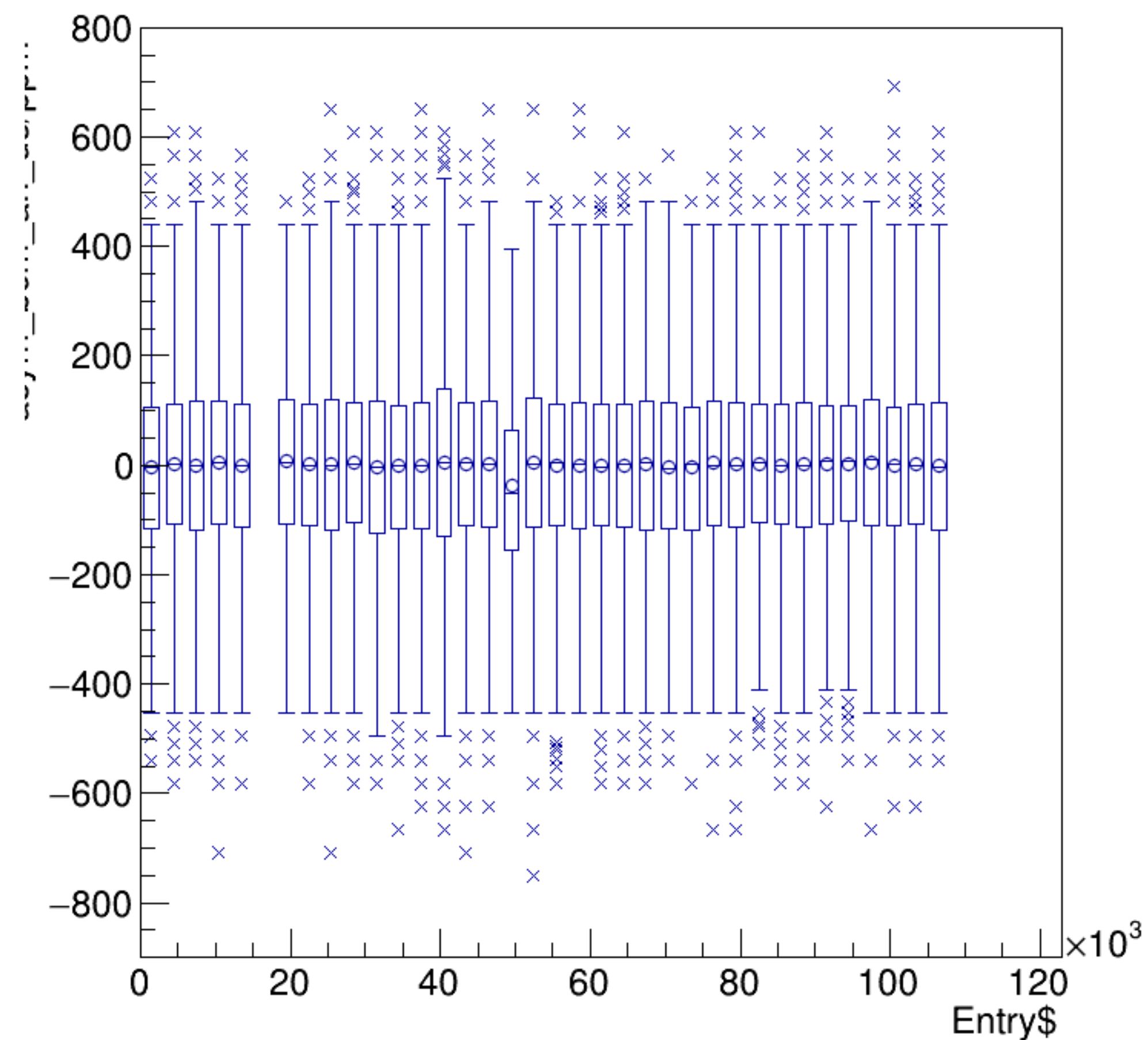


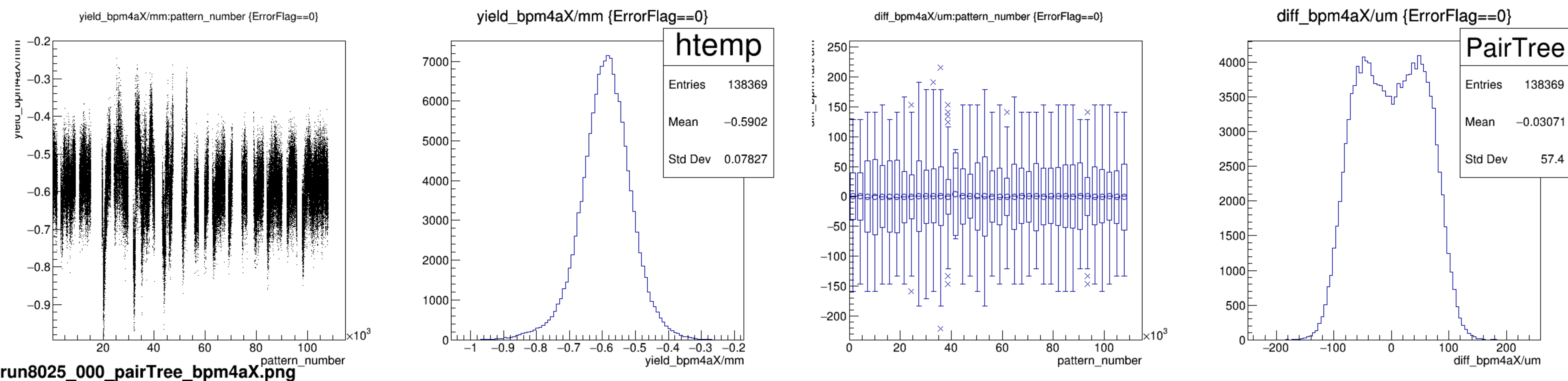
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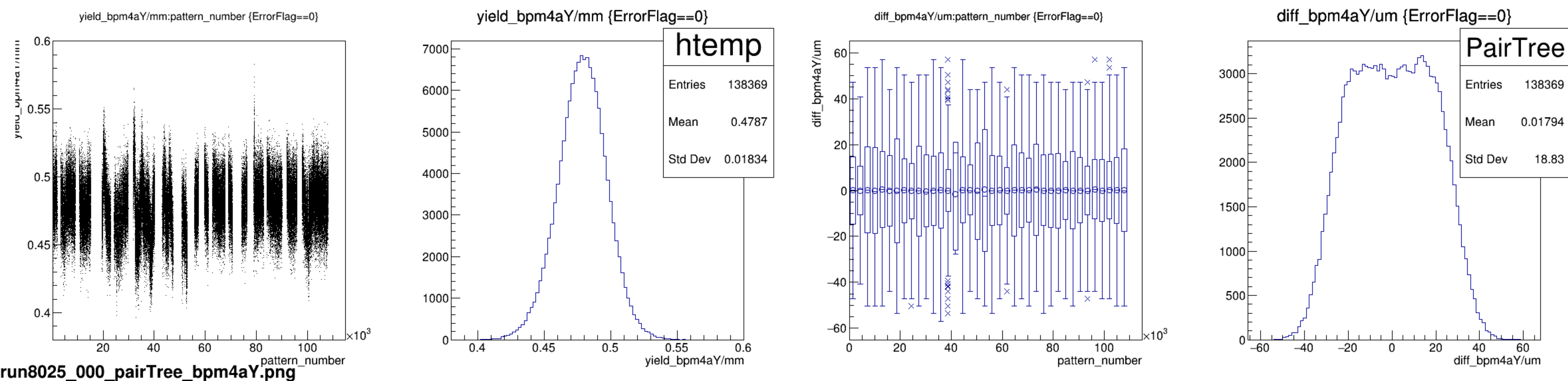
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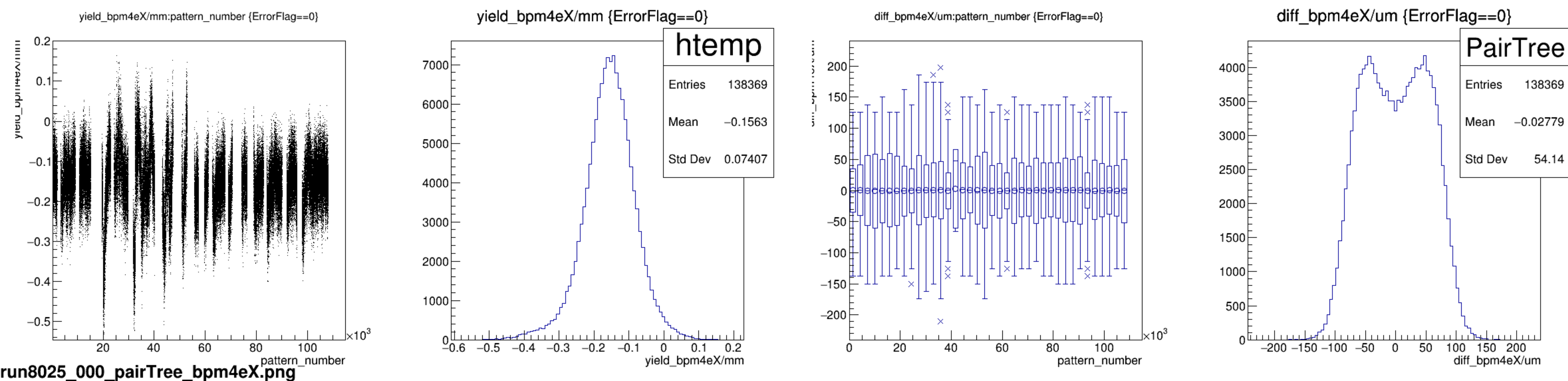


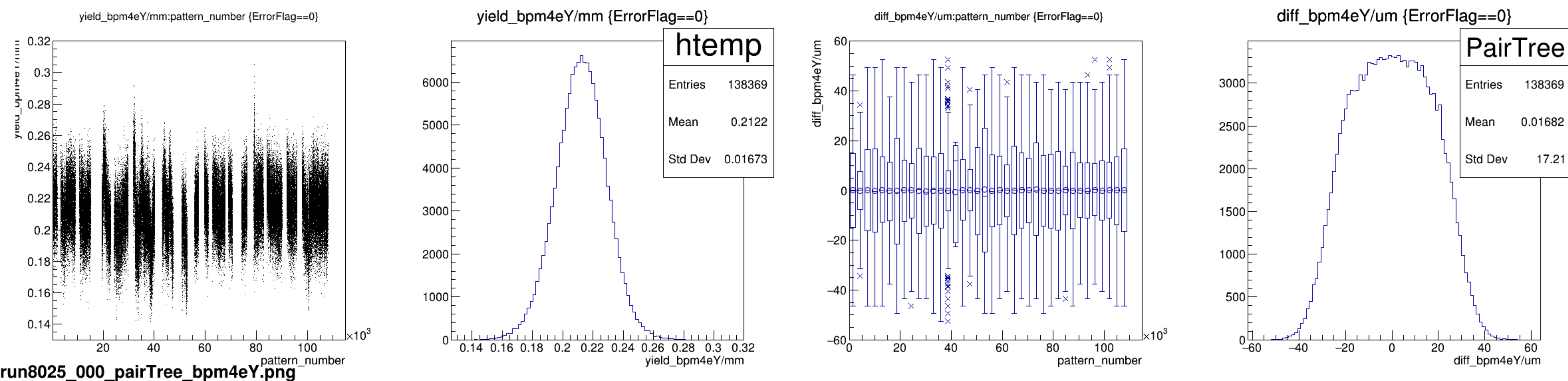
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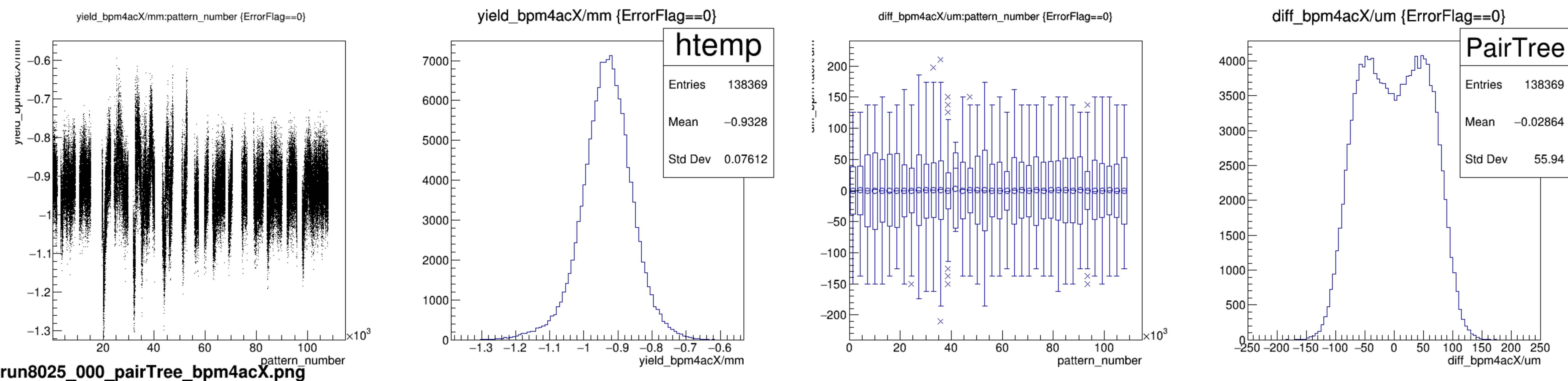


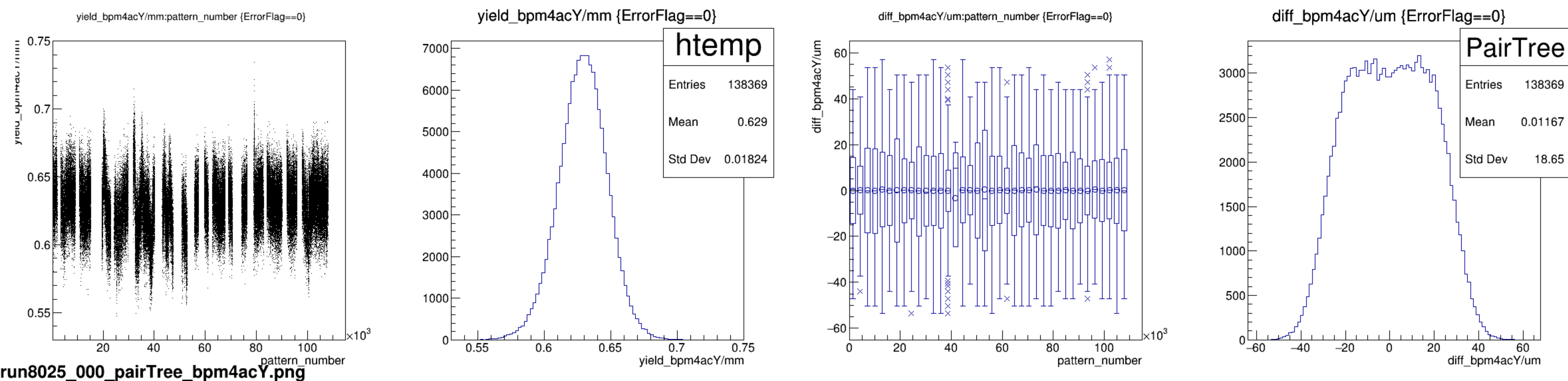


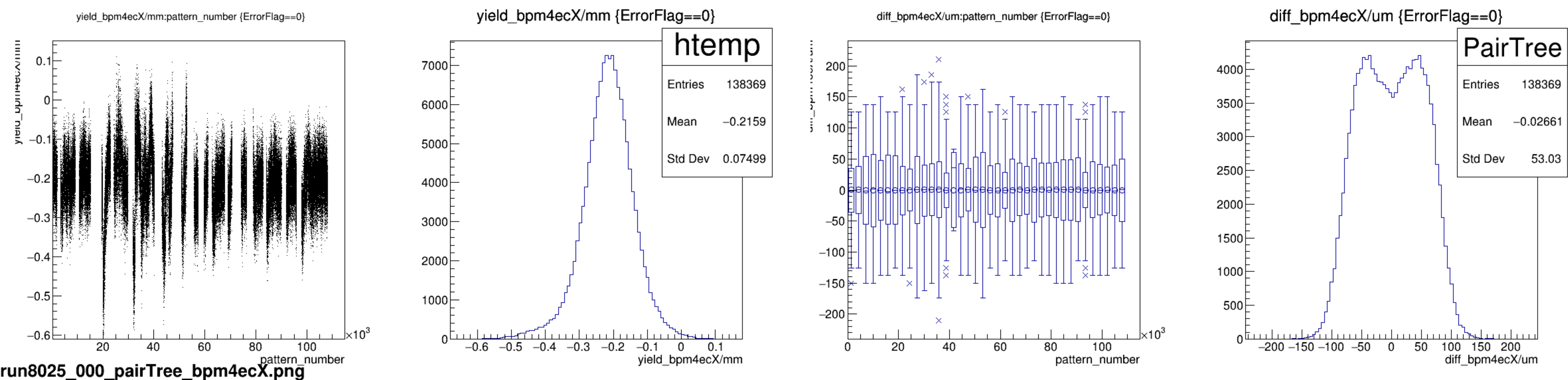




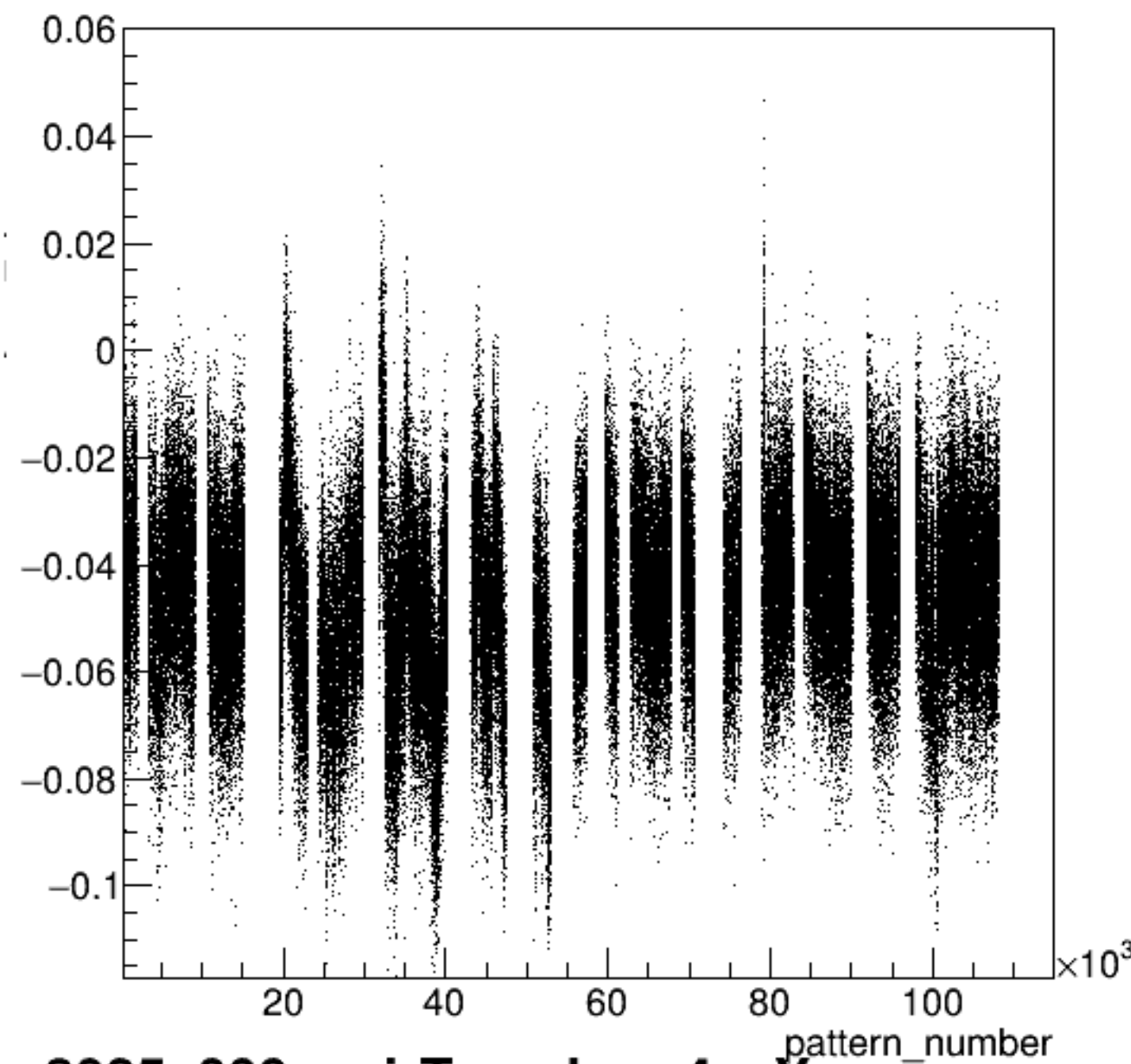




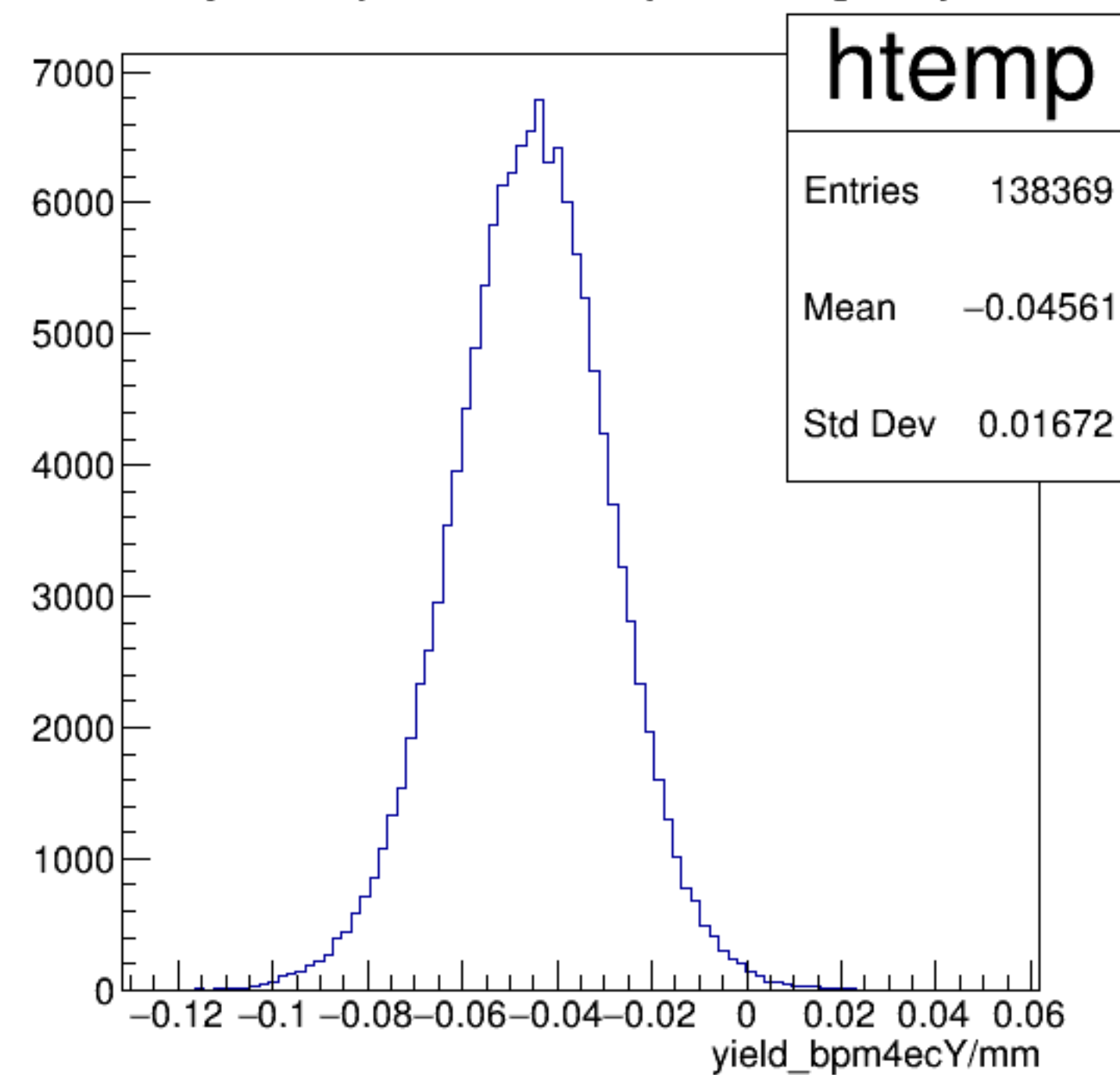




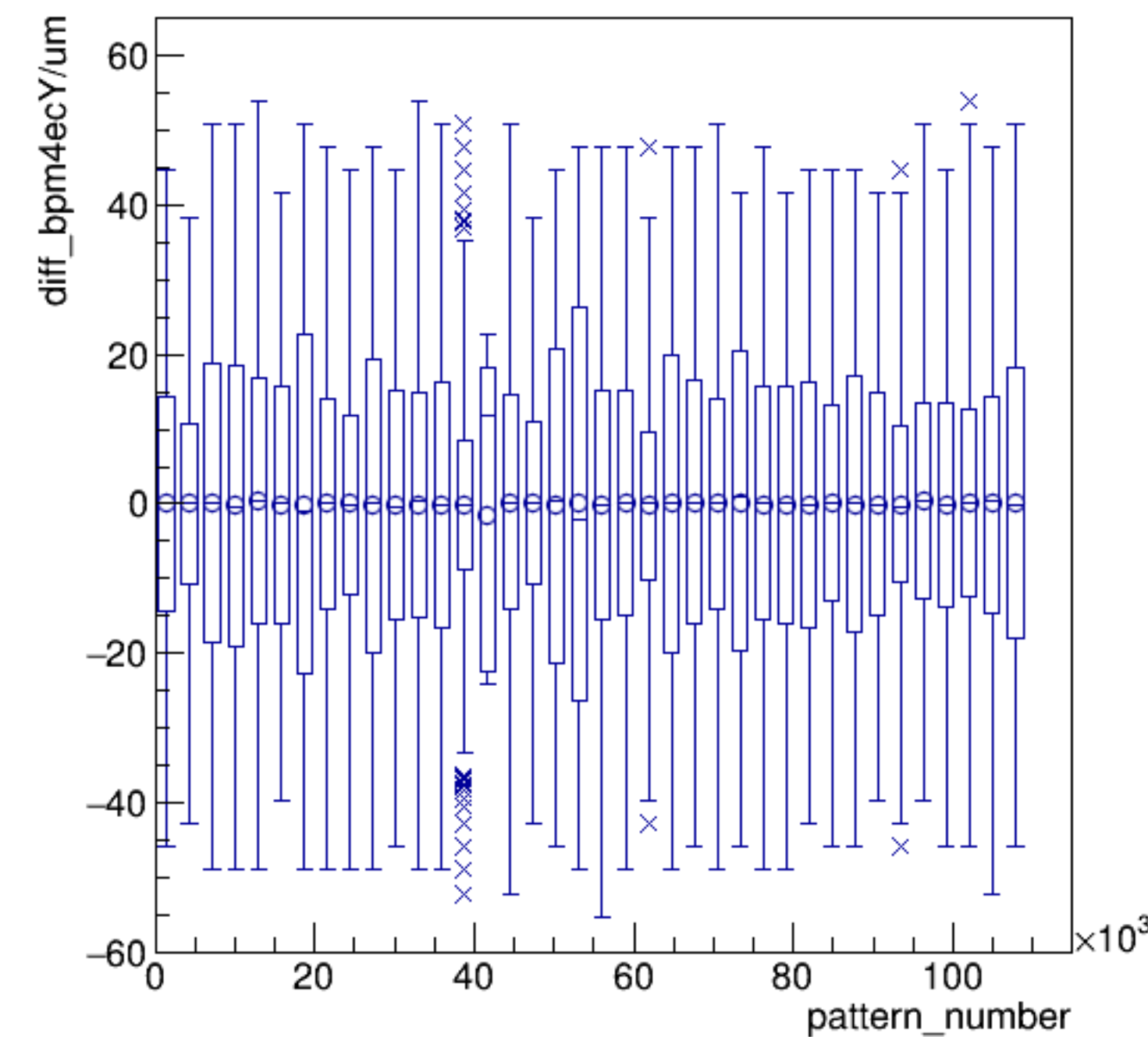
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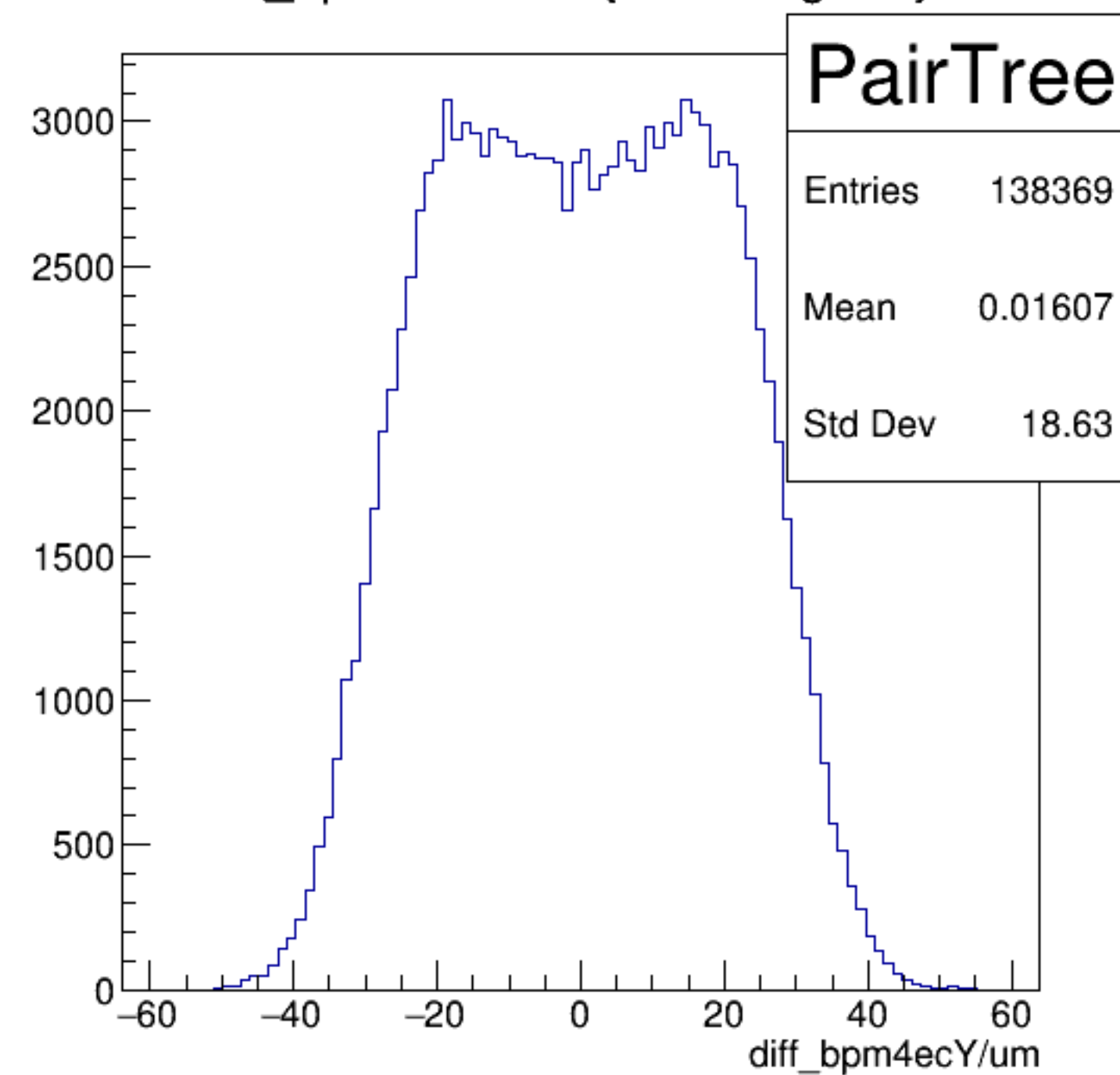
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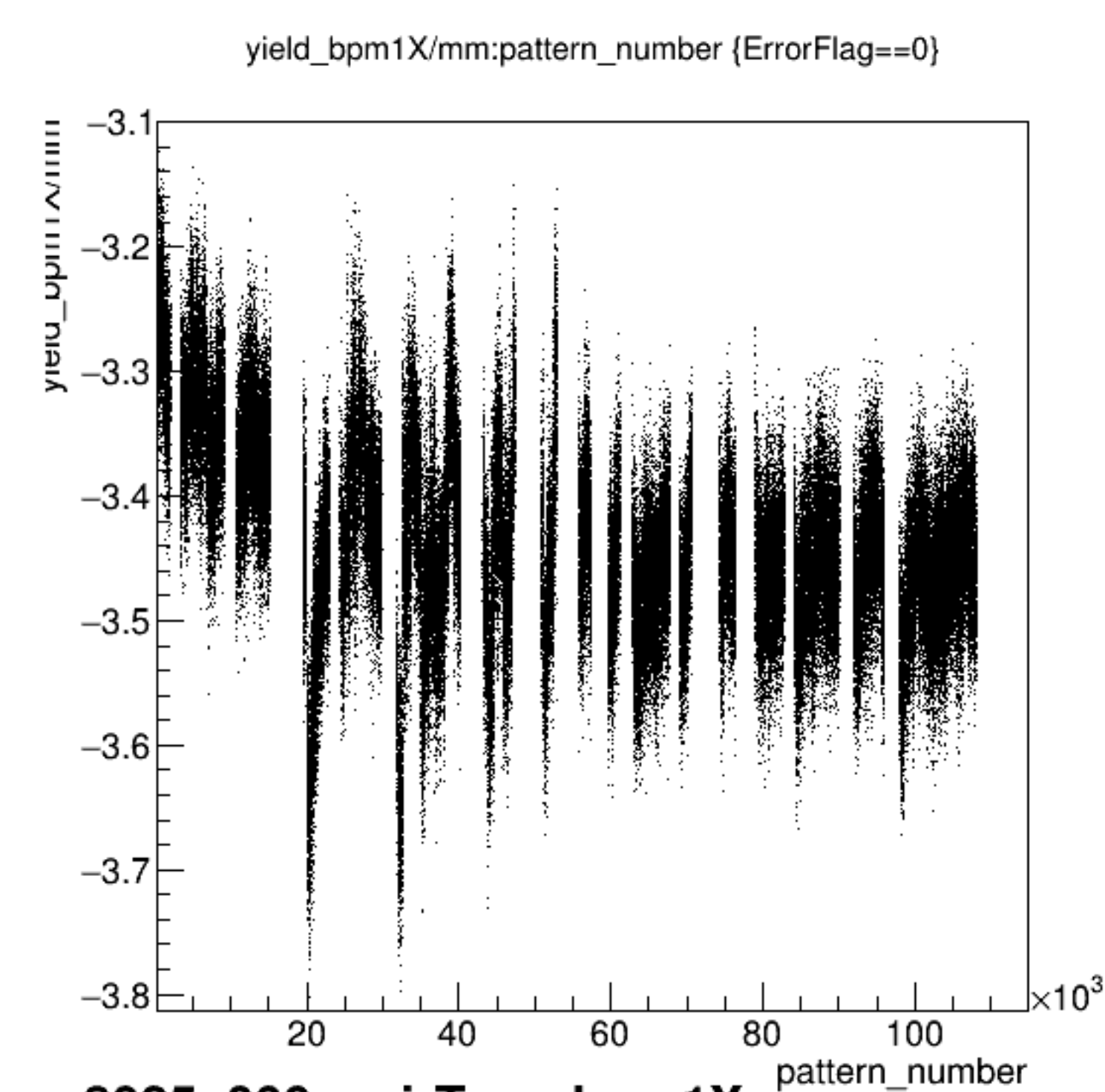


diff_bpm4ecY/um:pattern_number {ErrorFlag==0}

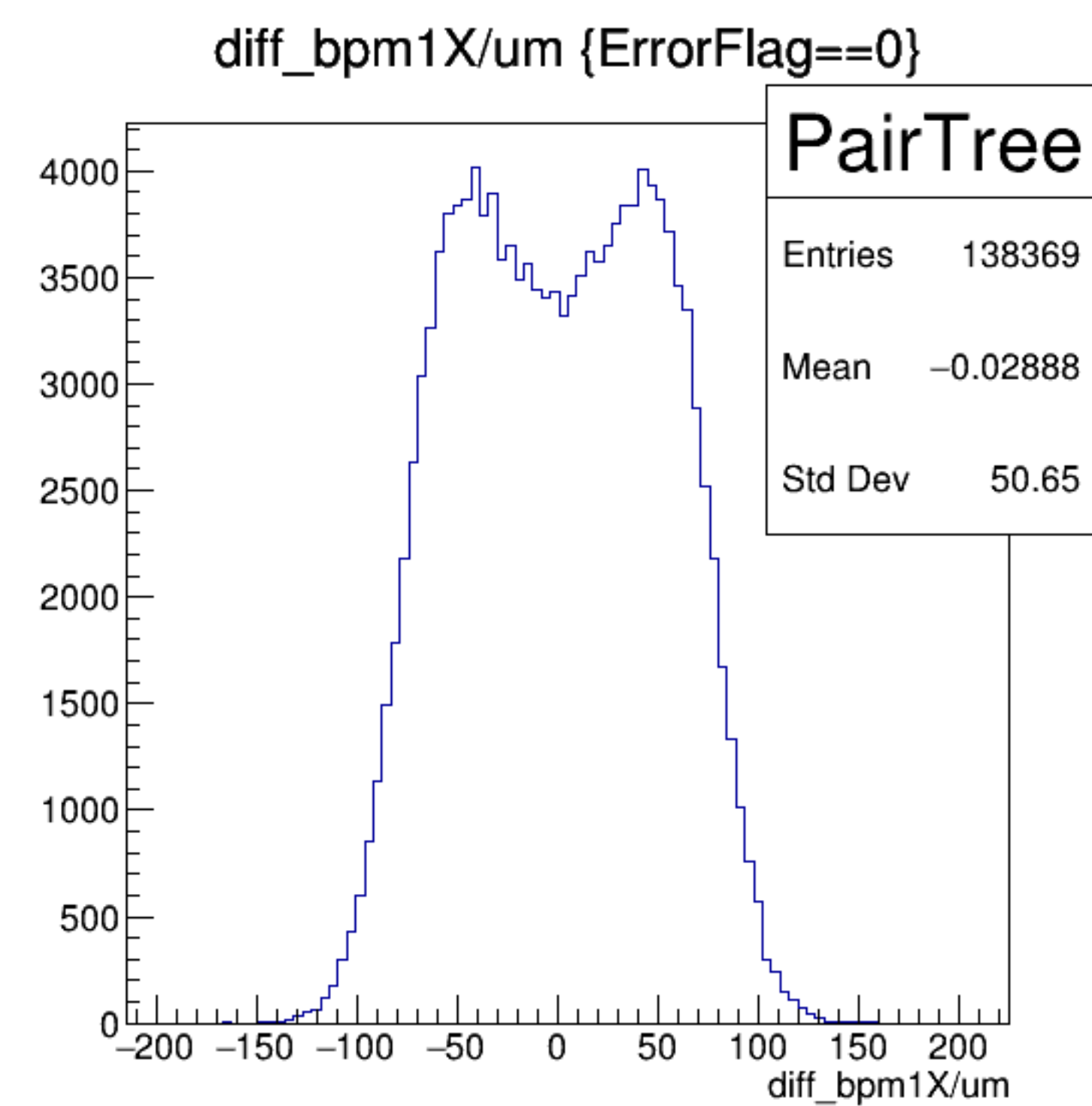
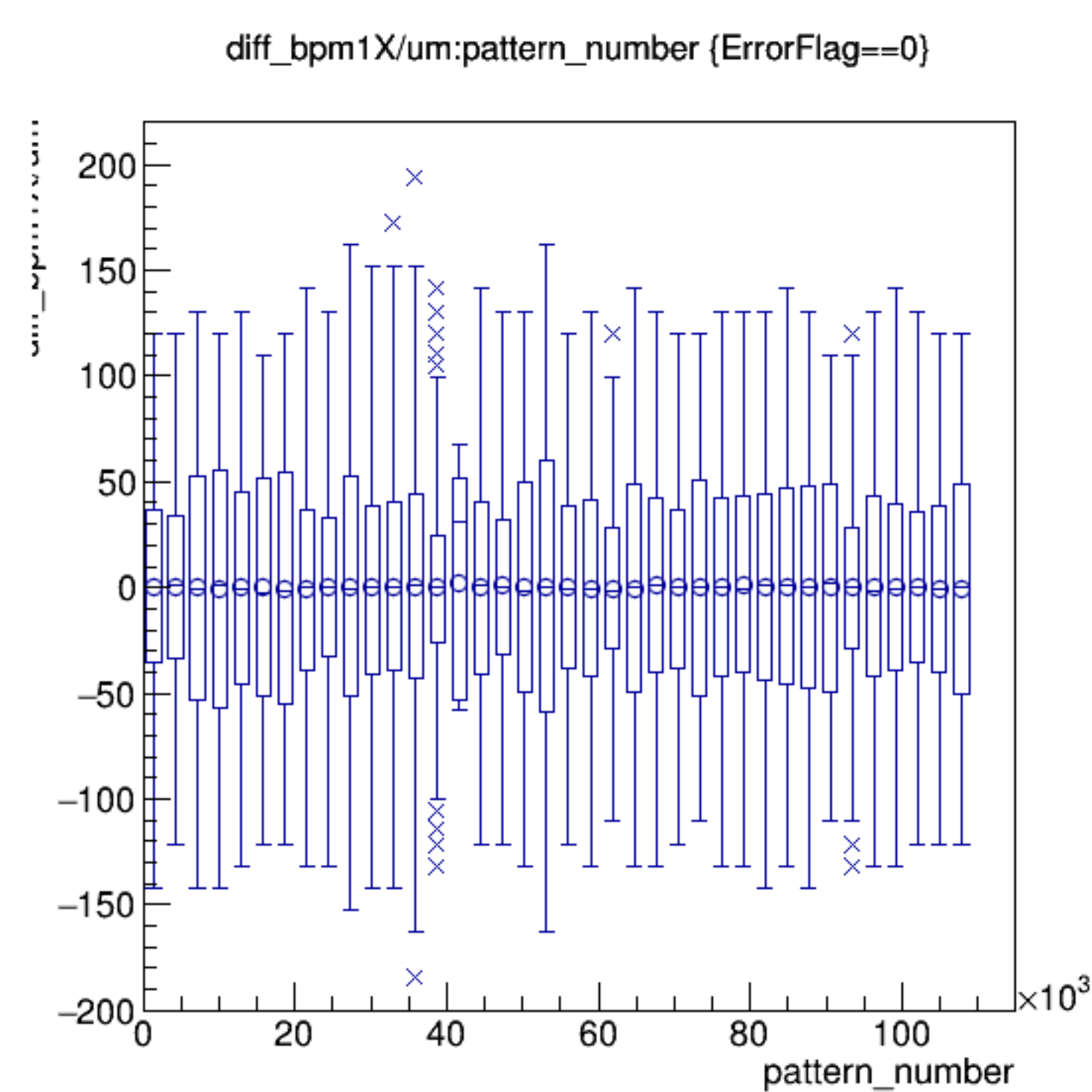
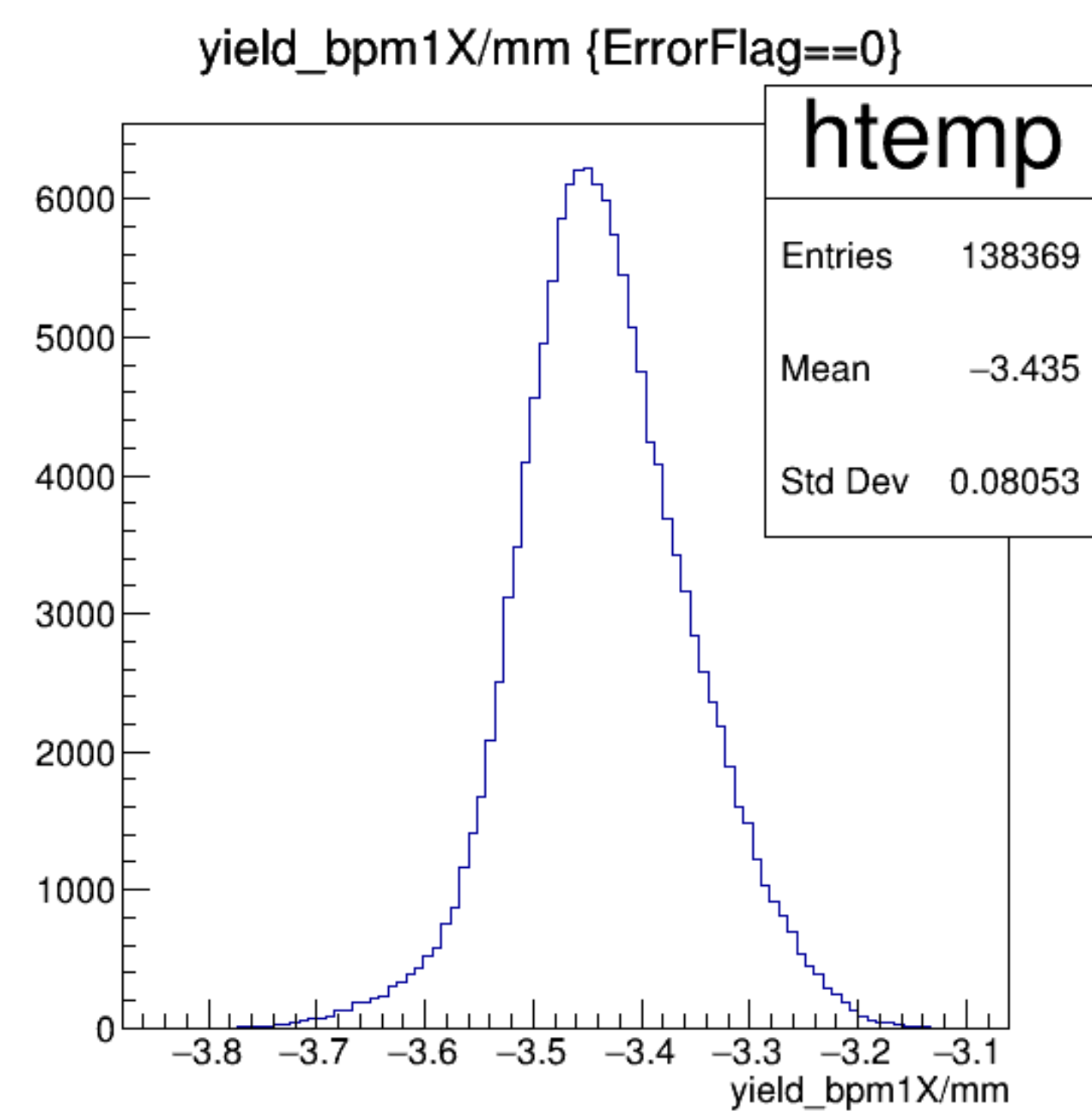


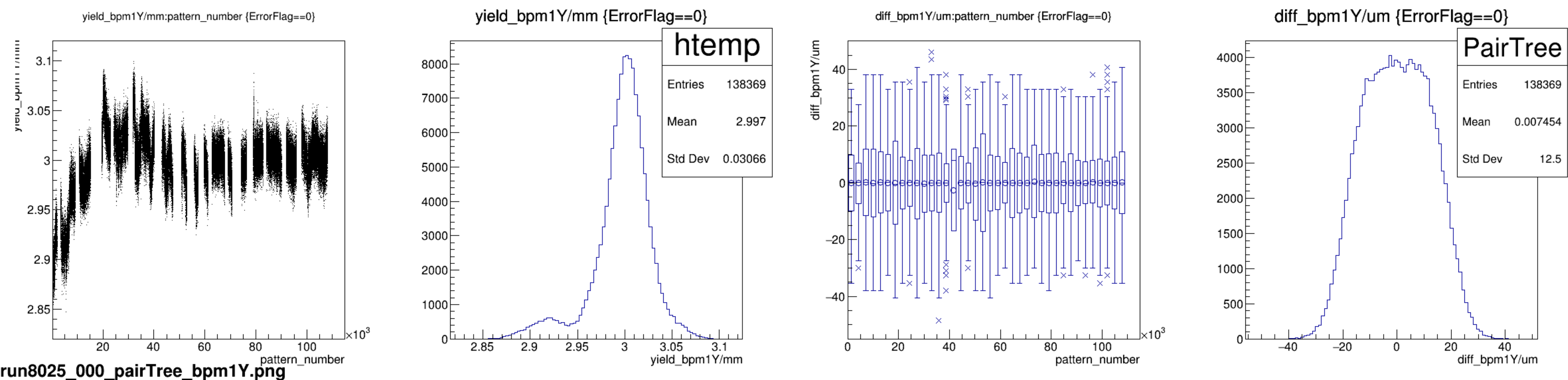
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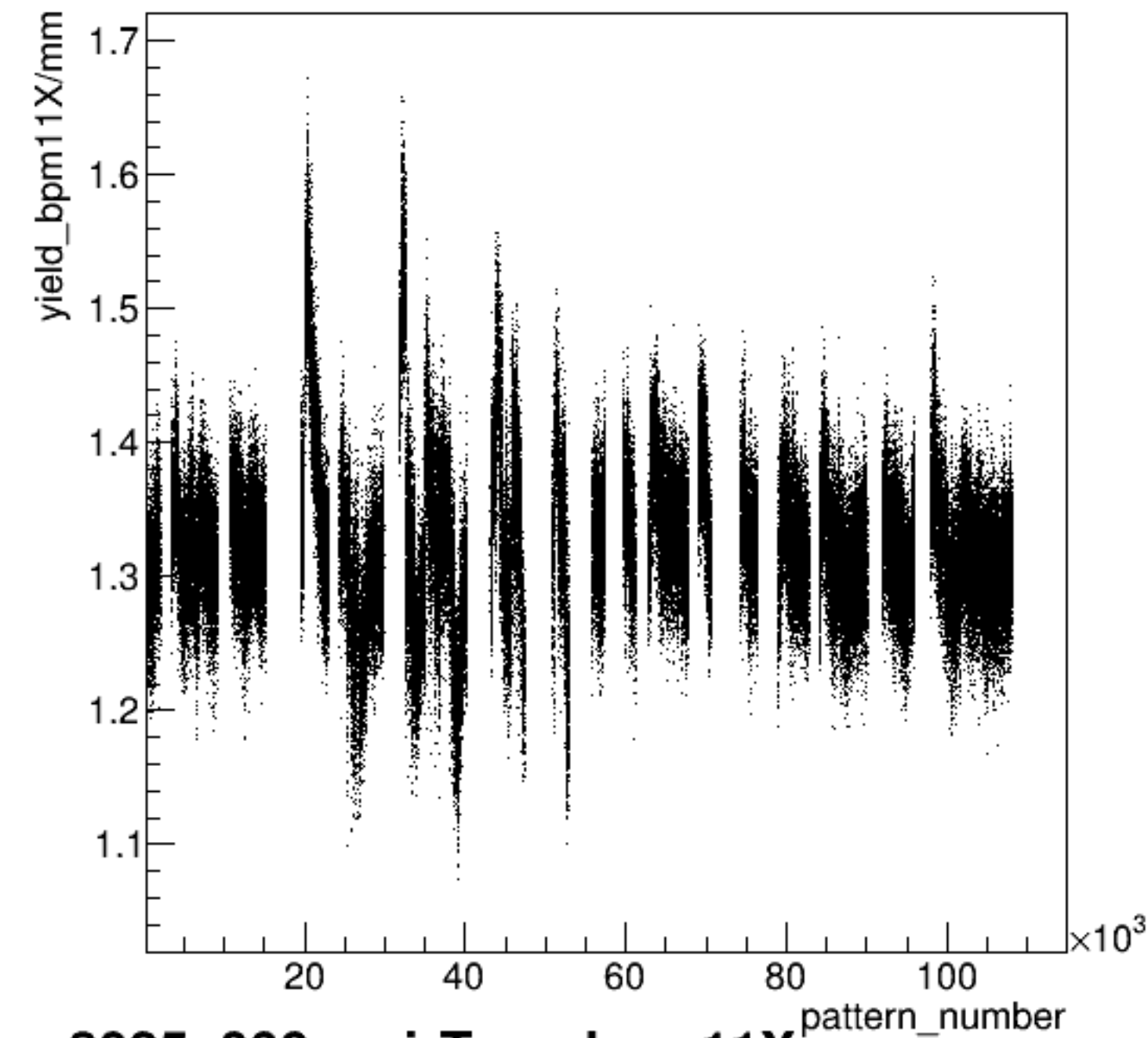


run8025_000_pairTree_bpm1X.png



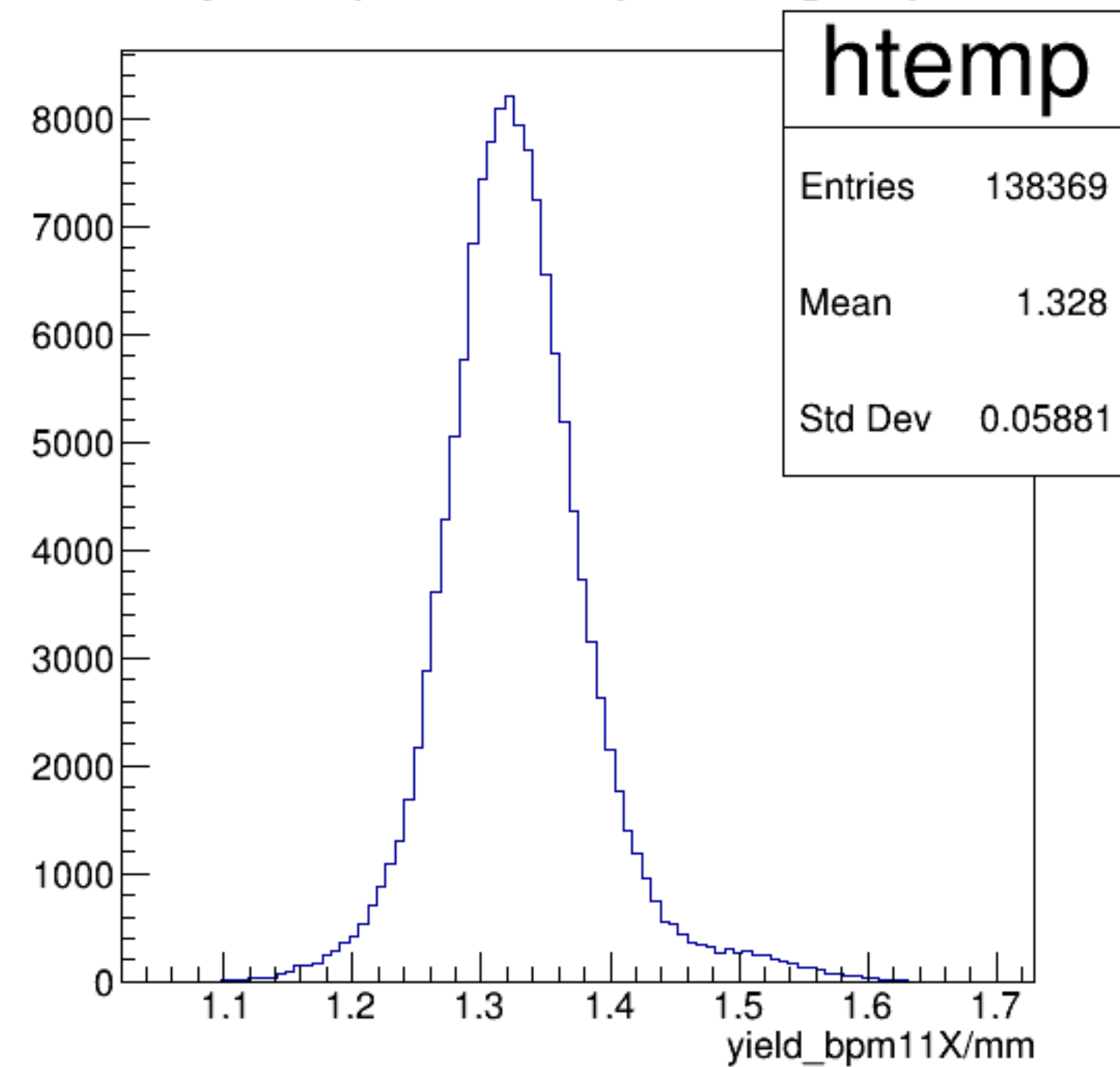


yield_bpm11X/mm:pattern_number {ErrorFlag==0}

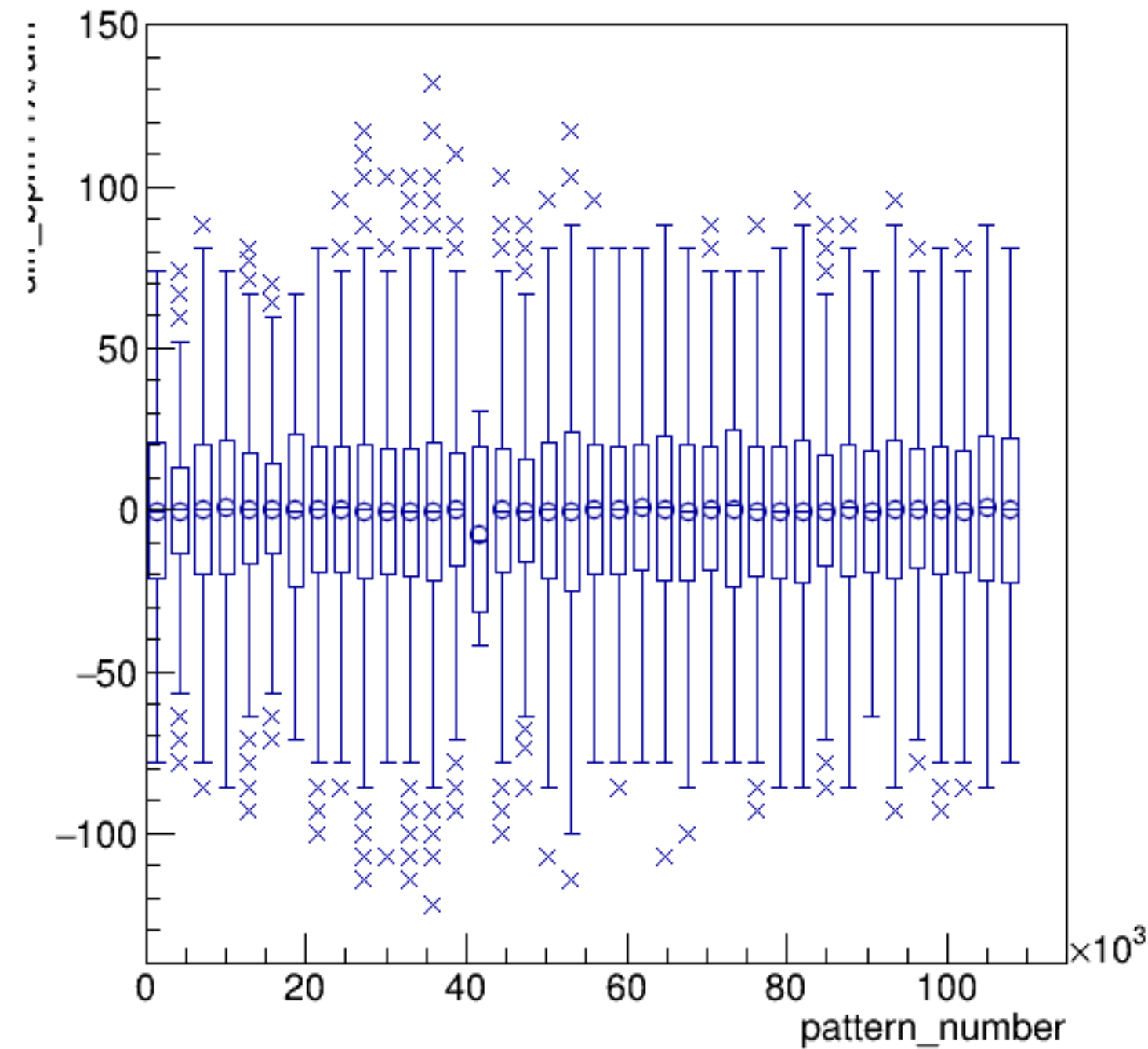


run8025_000_pairTree_bpm11X.png

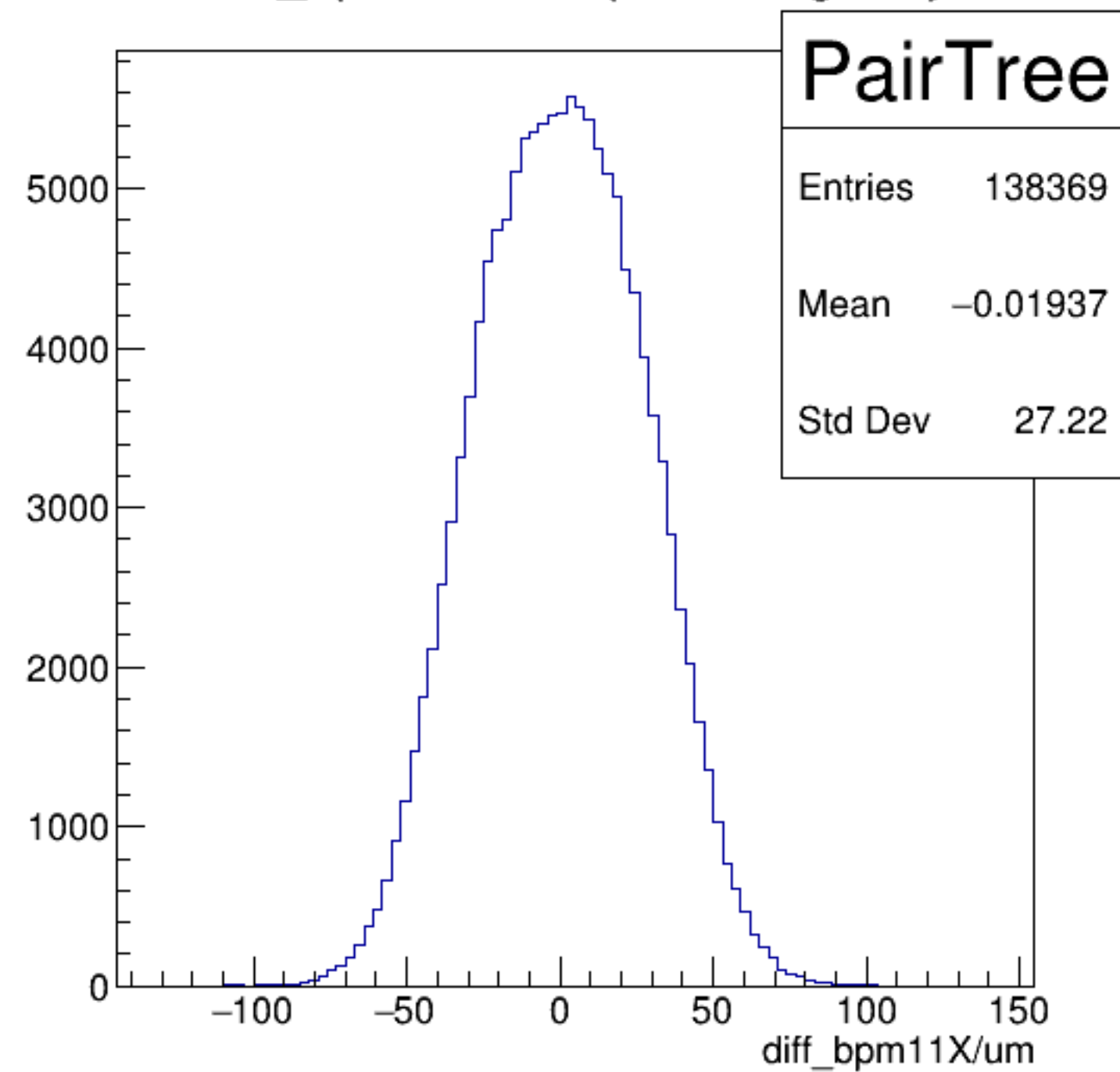
yield_bpm11X/mm {ErrorFlag==0}



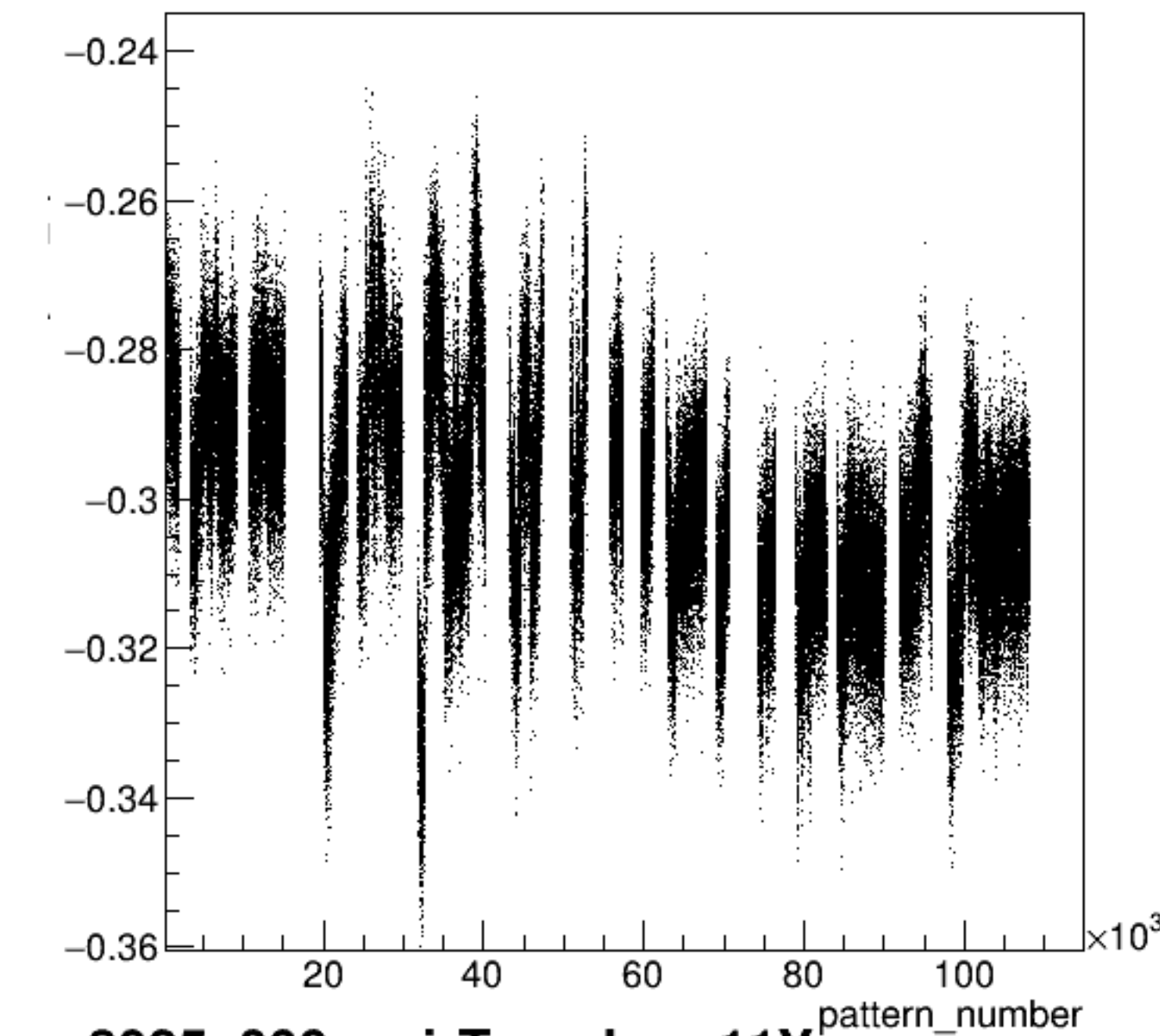
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diff_bpm11X/um {ErrorFlag==0}

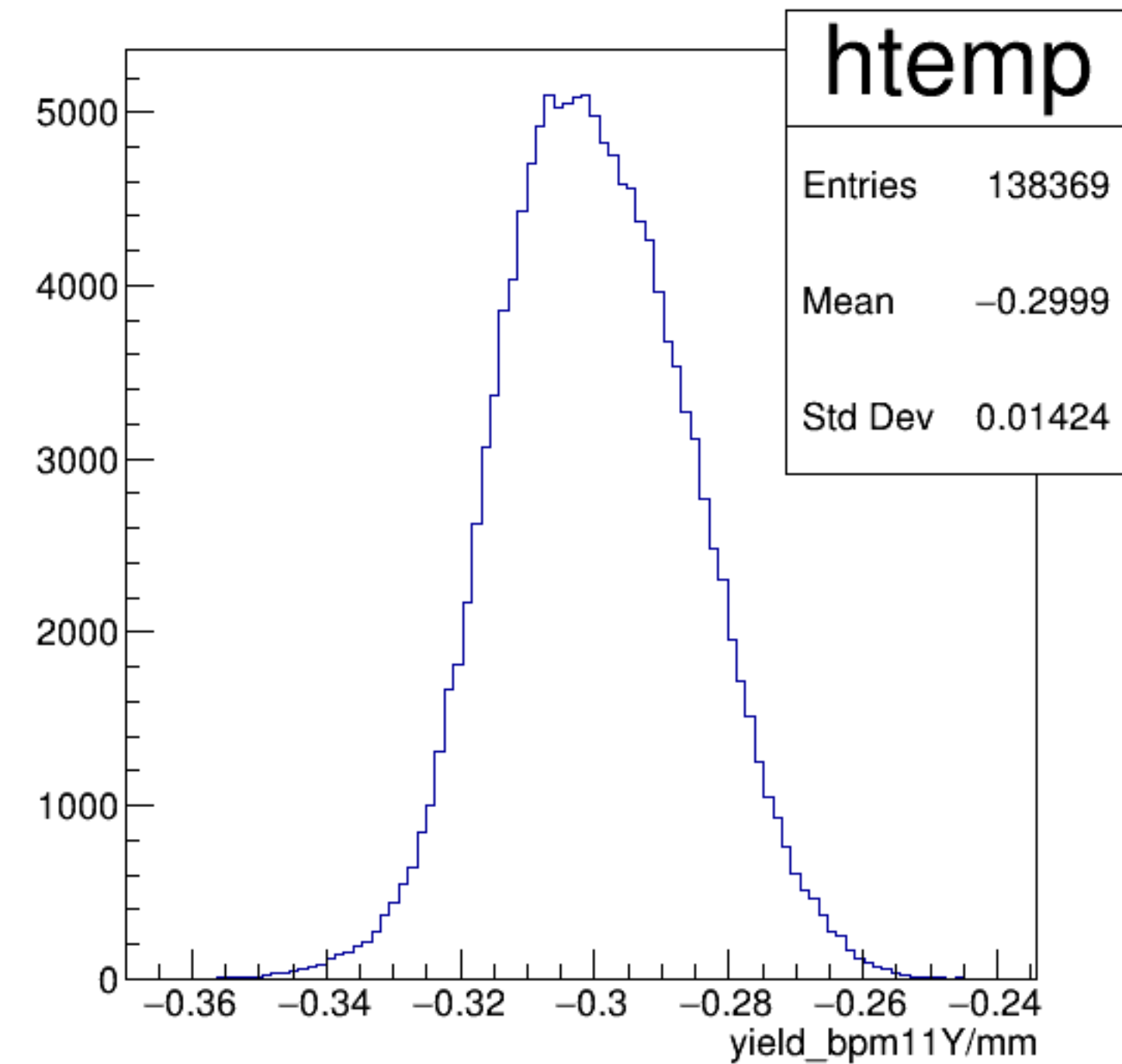


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

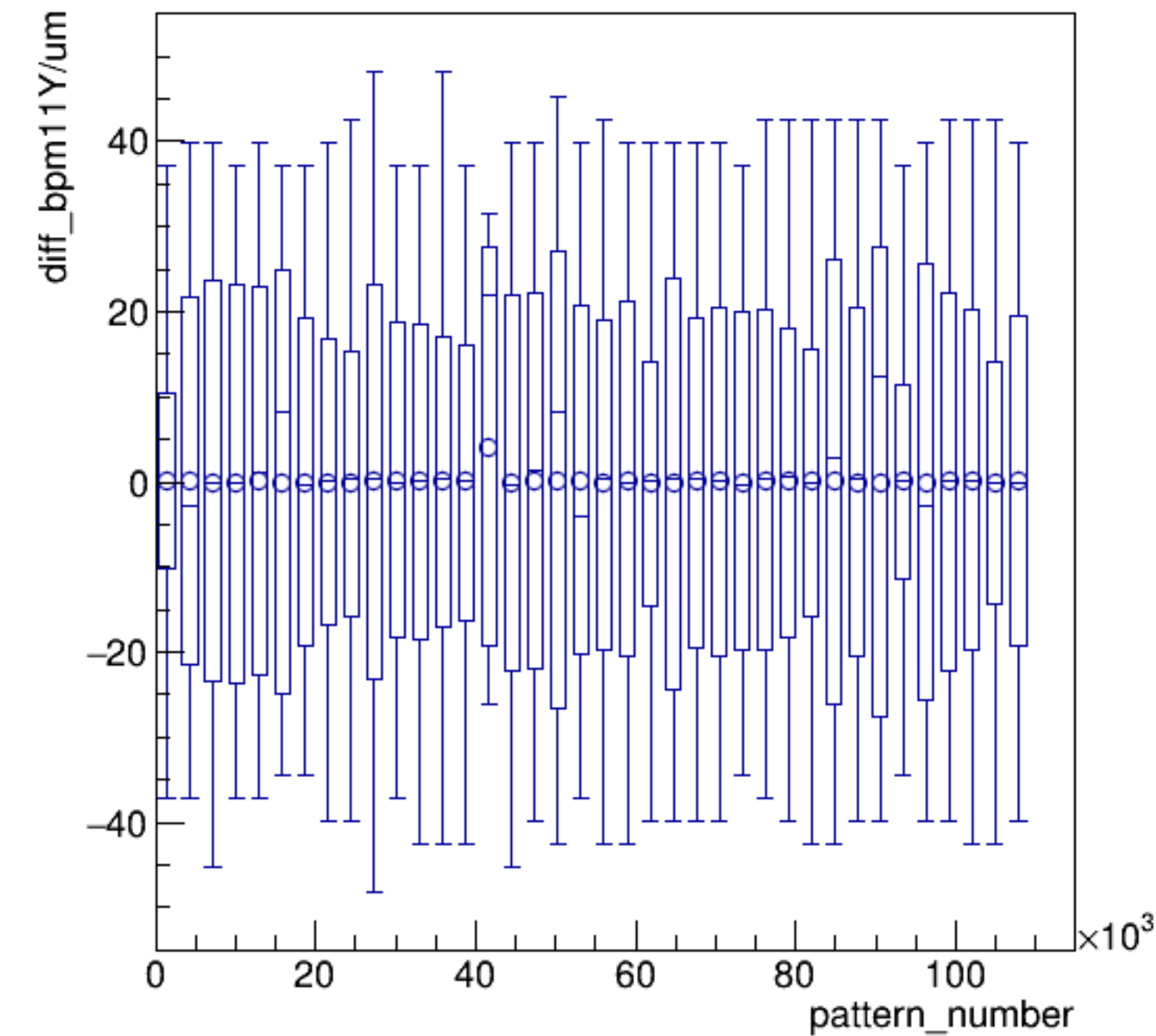


run8025_000_pairTree_bpm11Y.png

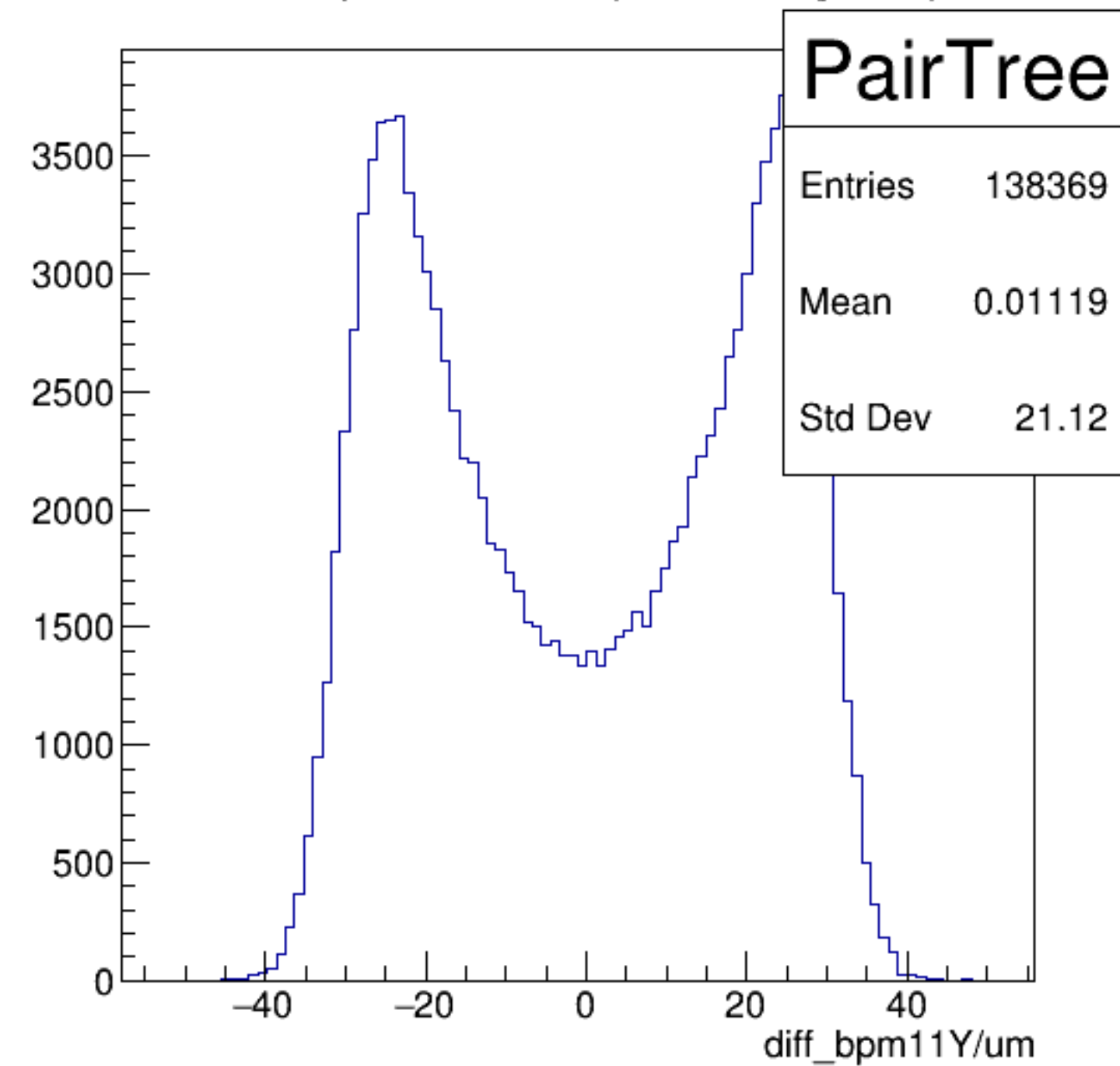
yield_bpm11Y/mm {ErrorFlag==0}



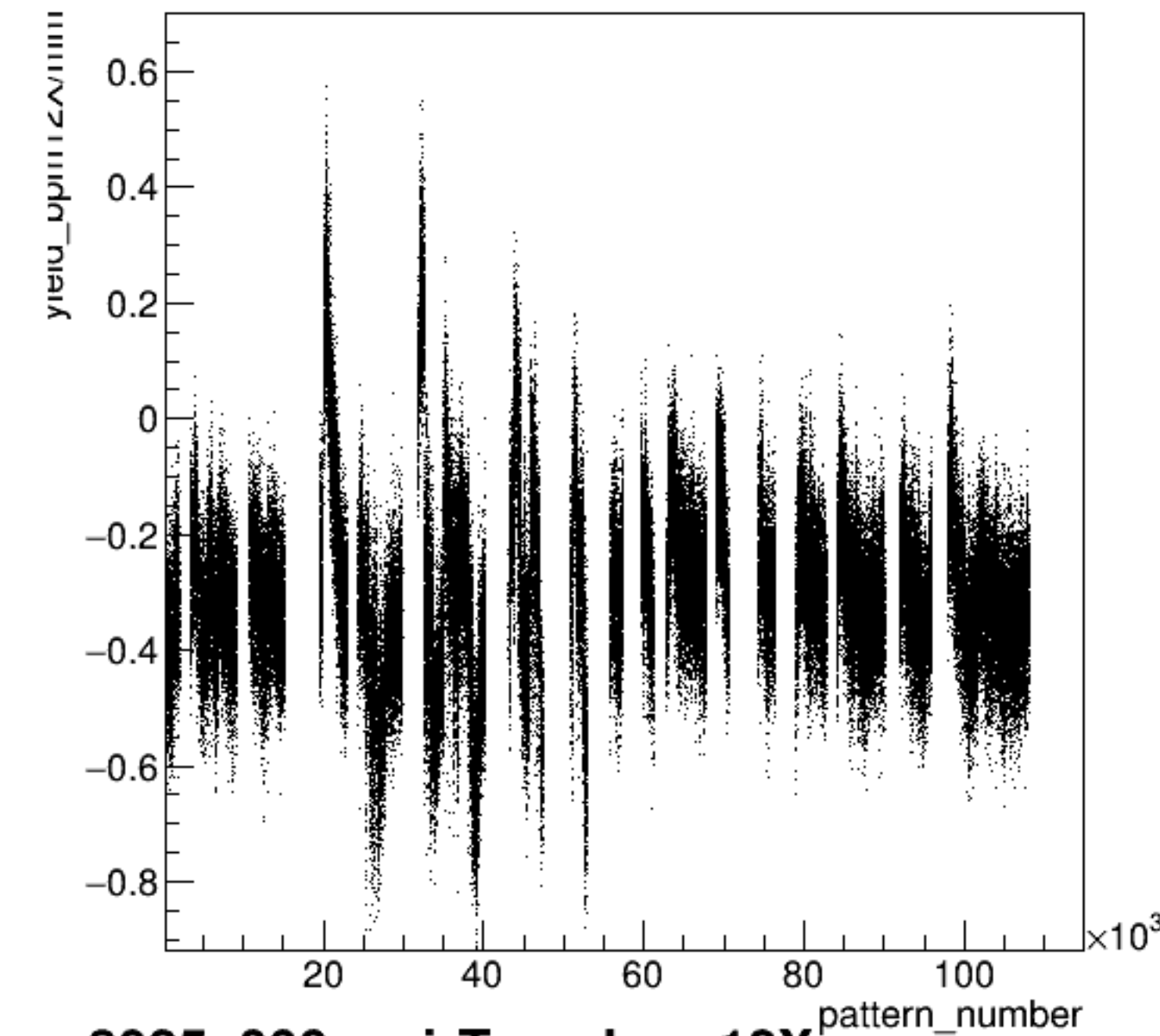
diff_bpm11Y/um:pattern_number {ErrorFlag==0}



diff_bpm11Y/um {ErrorFlag==0}

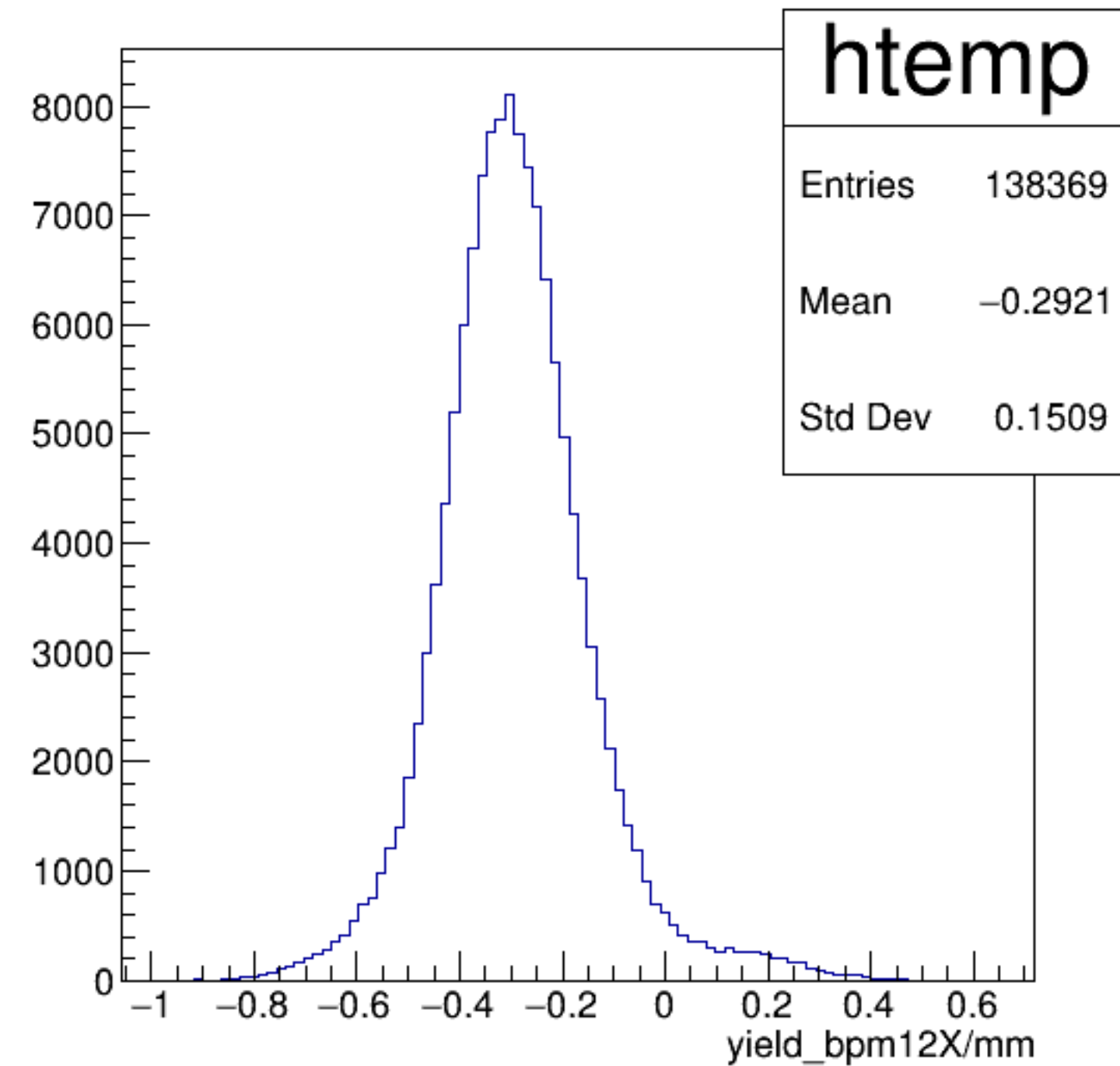


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

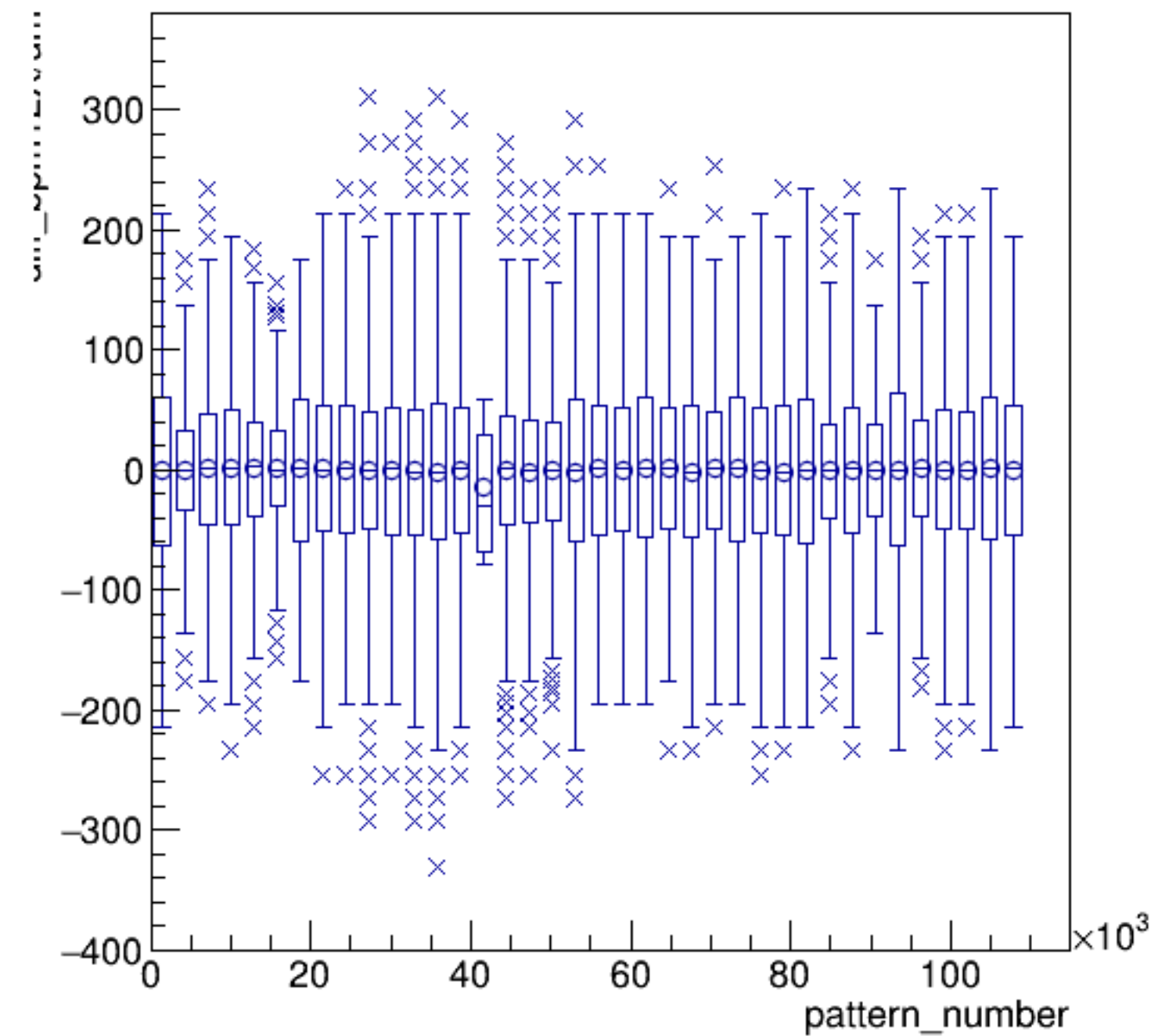


run8025_000_pairTree_bpm12X.png

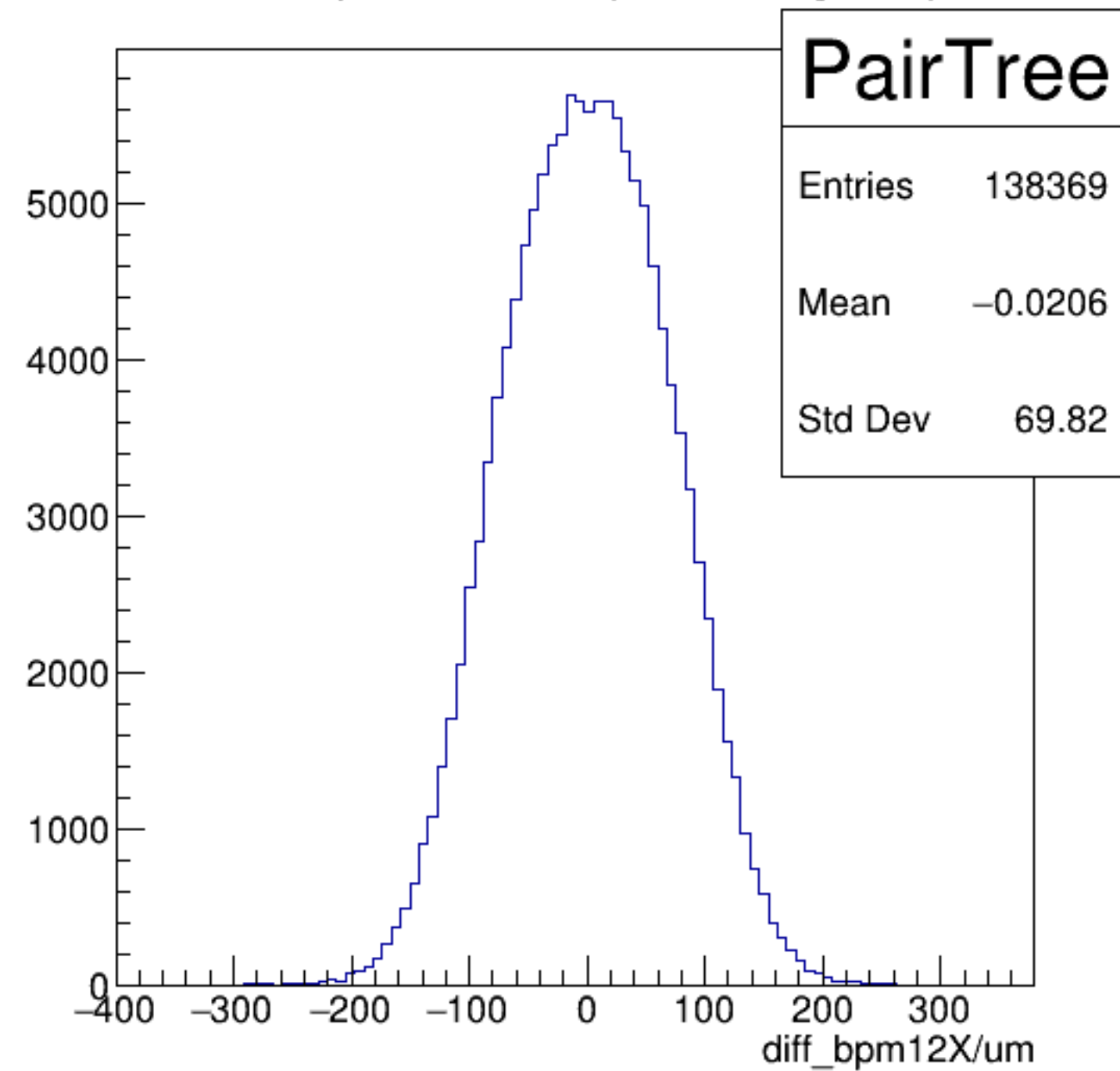
yield_bpm12X/mm {ErrorFlag==0}

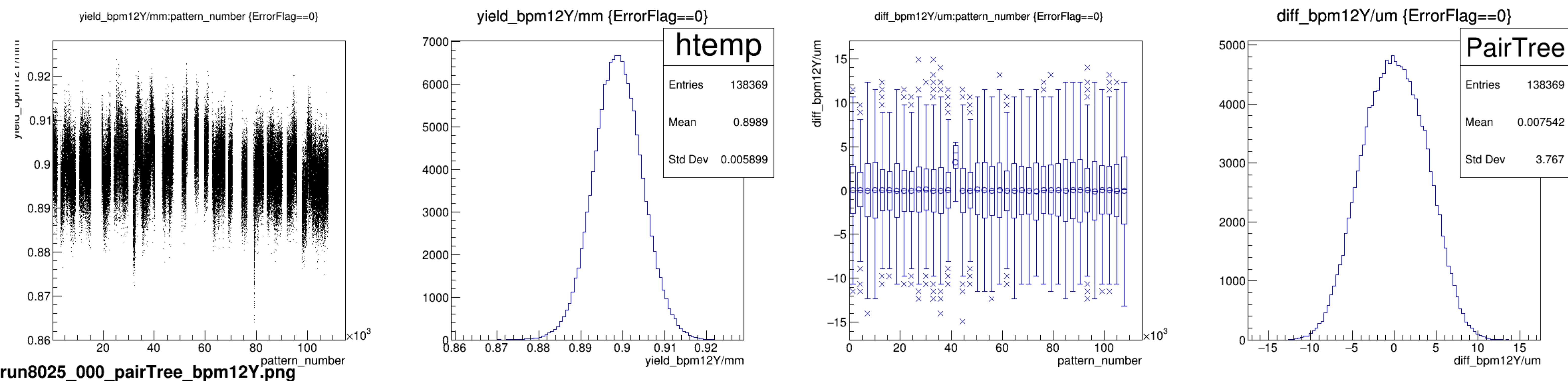


diff_bpm12X/um:pattern_number {ErrorFlag==0}

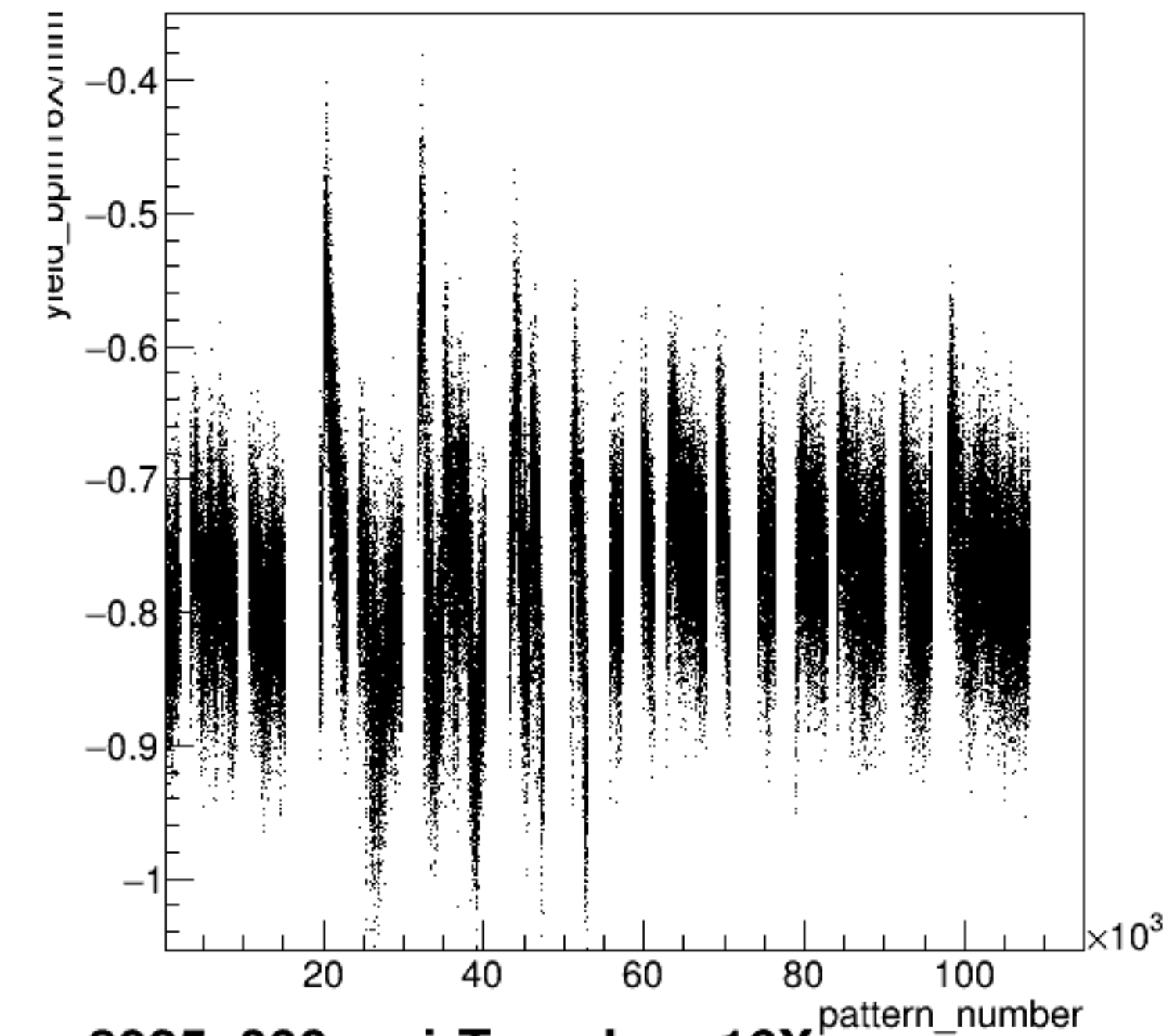


diff_bpm12X/um {ErrorFlag==0}



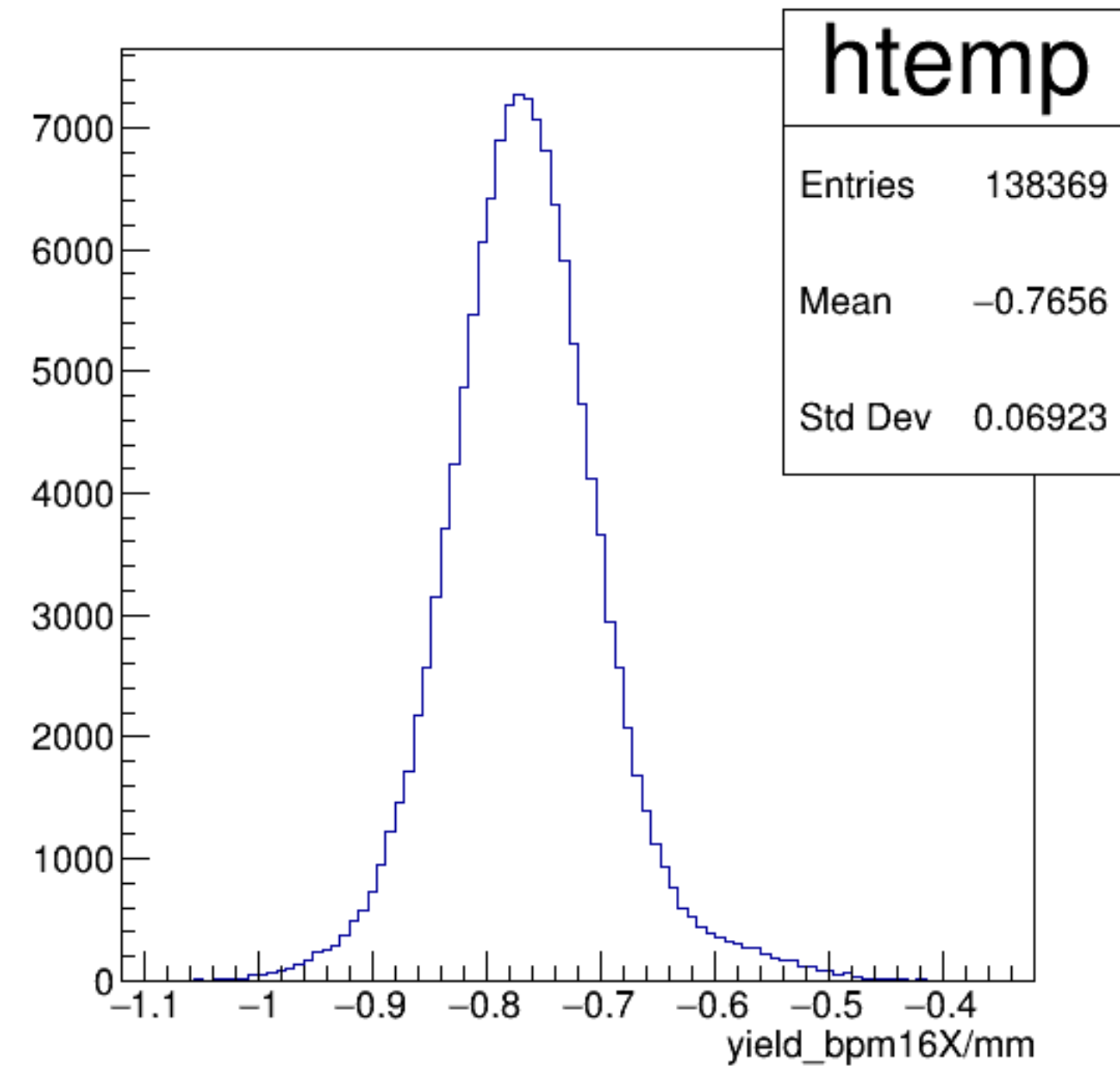


yield_bpm16X/mm:pattern_number {ErrorFlag==0}

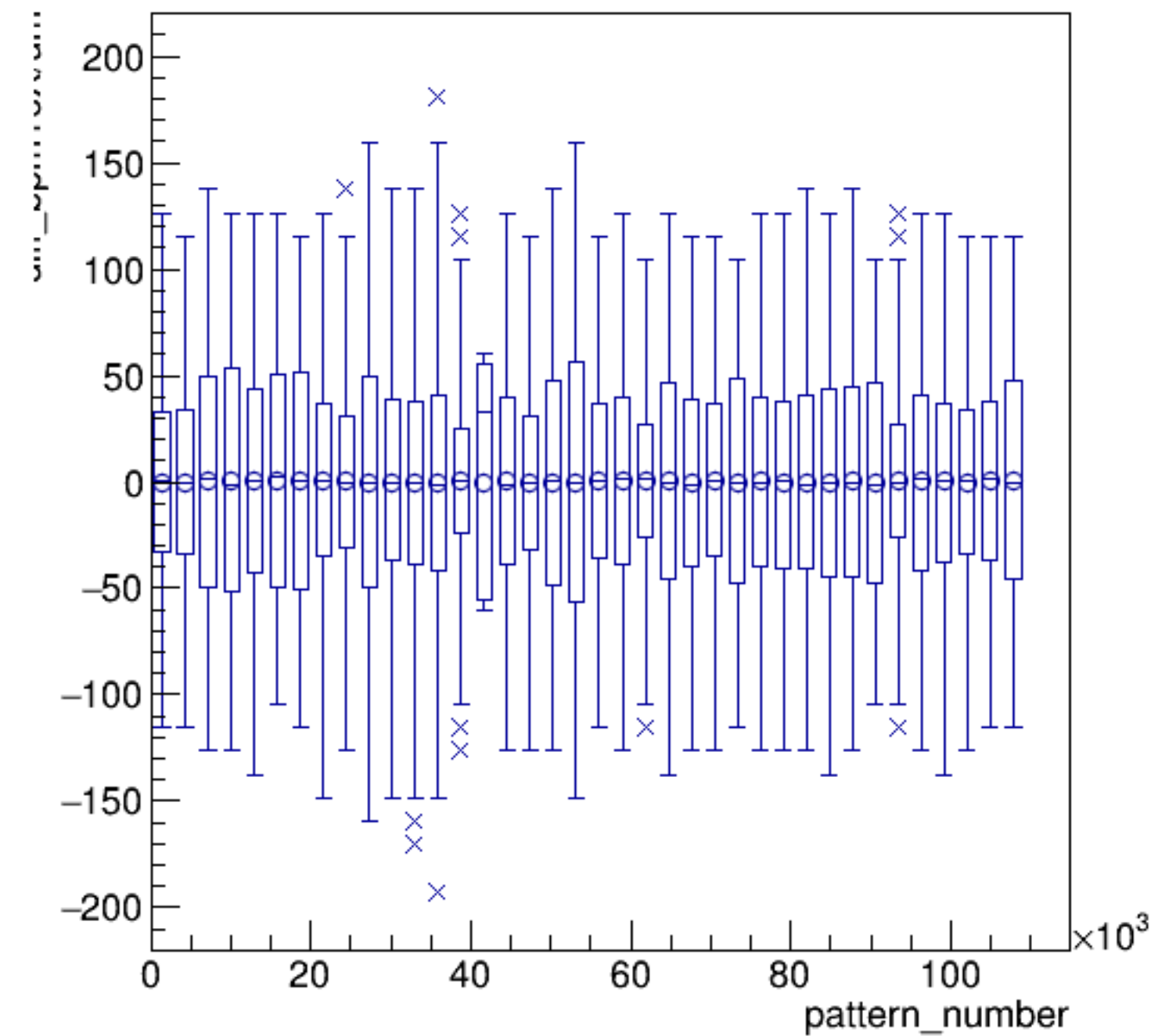


run8025_000_pairTree_bpm16X.png

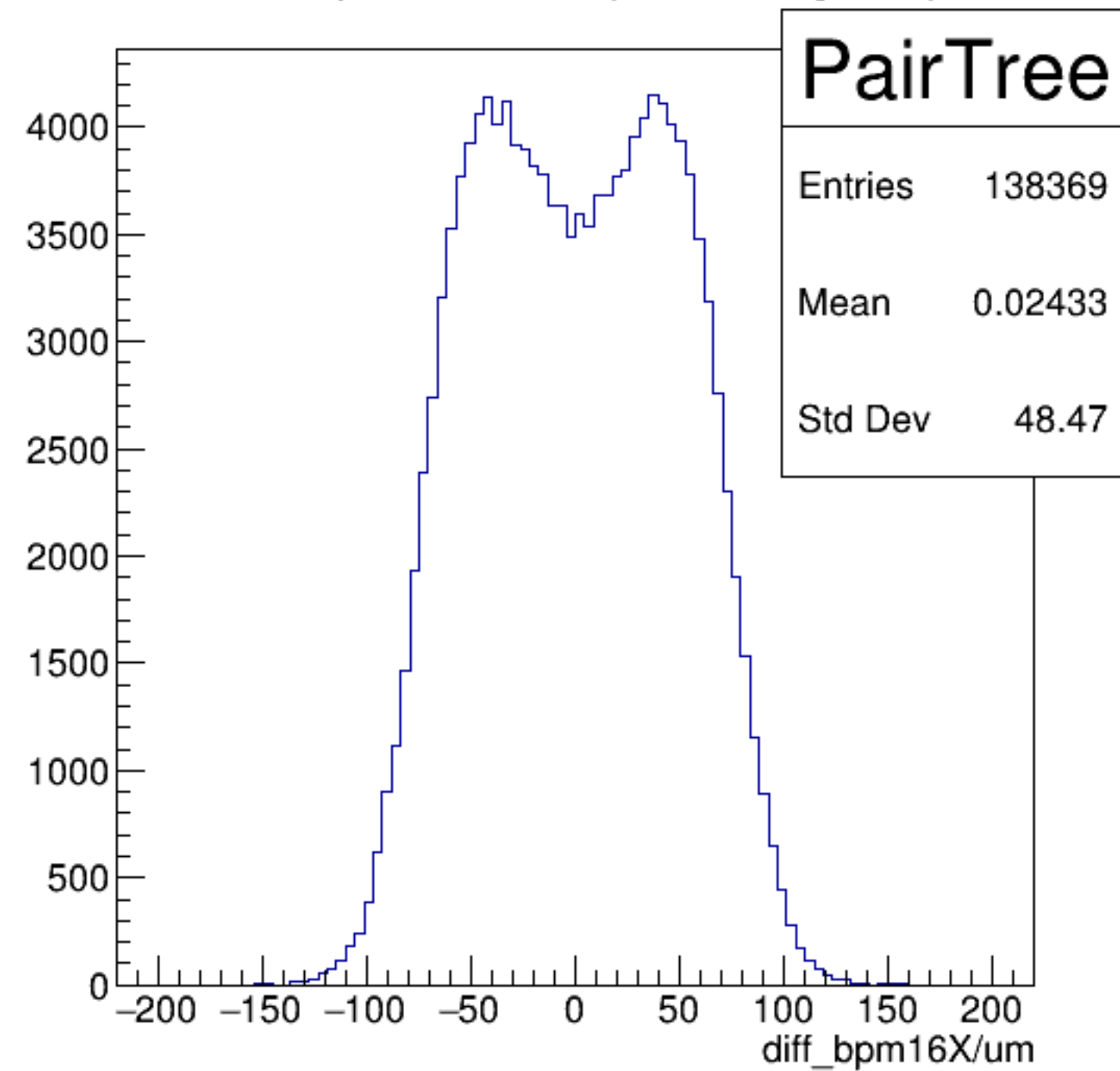
yield_bpm16X/mm {ErrorFlag==0}



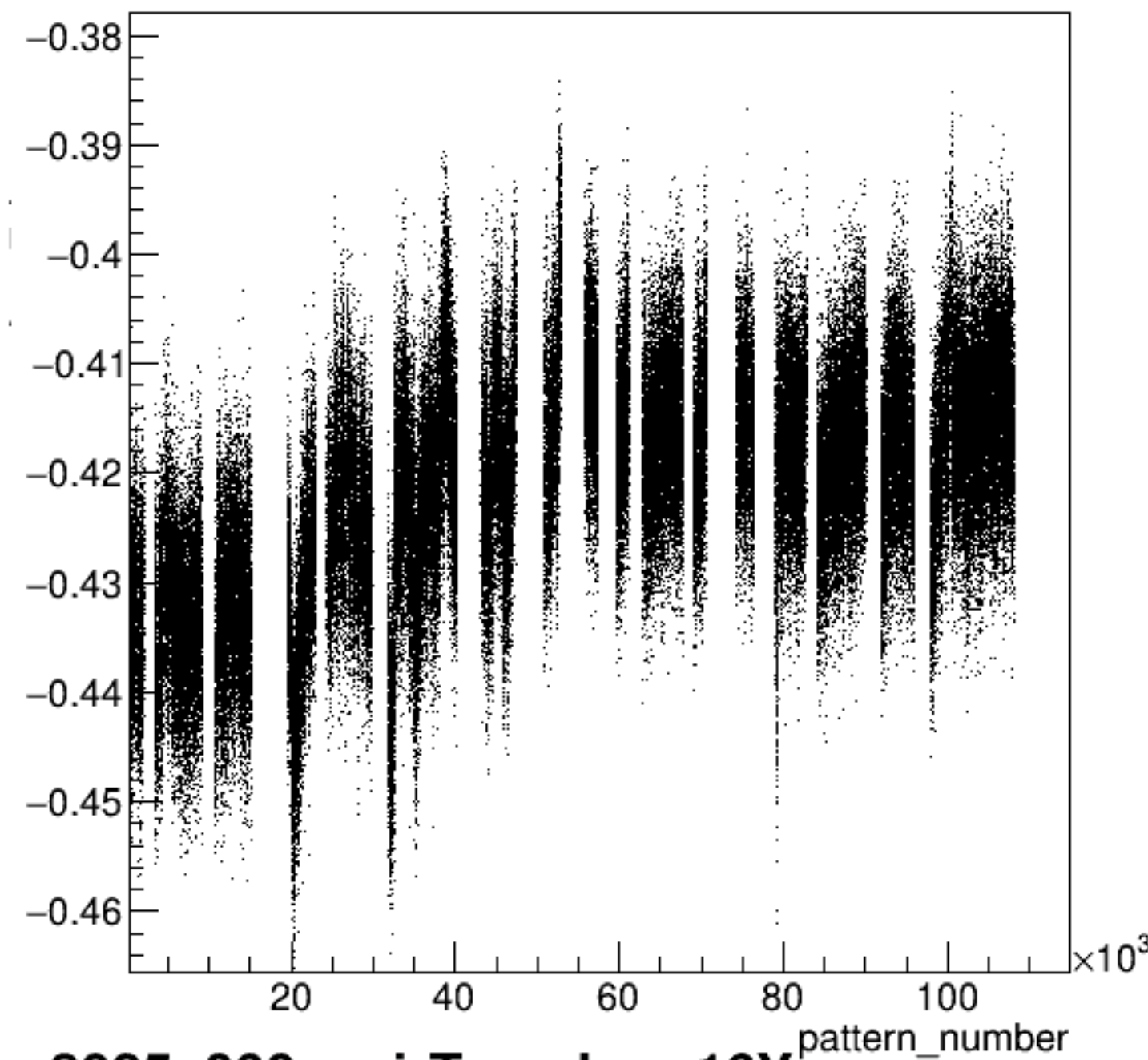
diff_bpm16X/um:pattern_number {ErrorFlag==0}



diff_bpm16X/um {ErrorFlag==0}

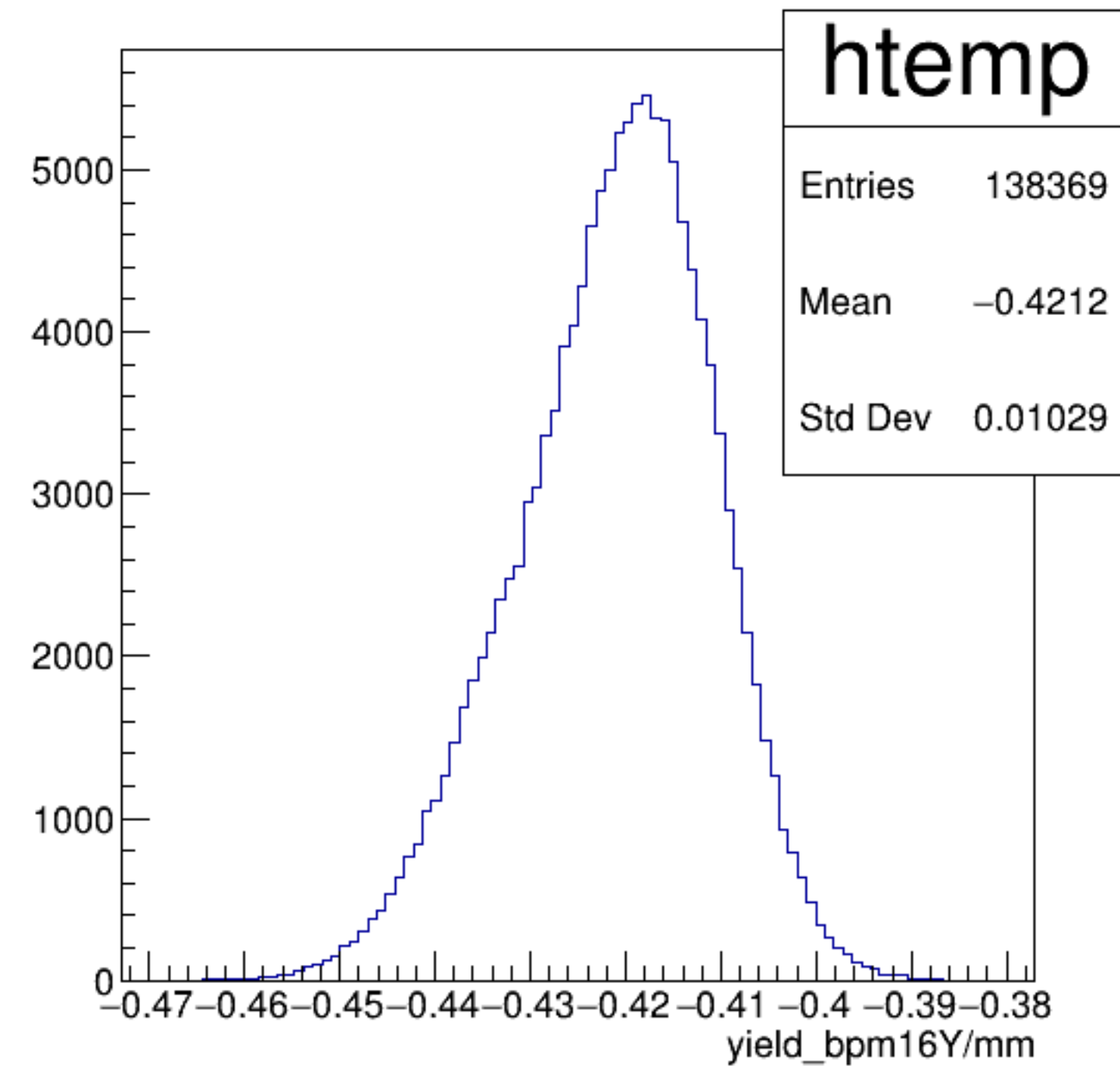


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

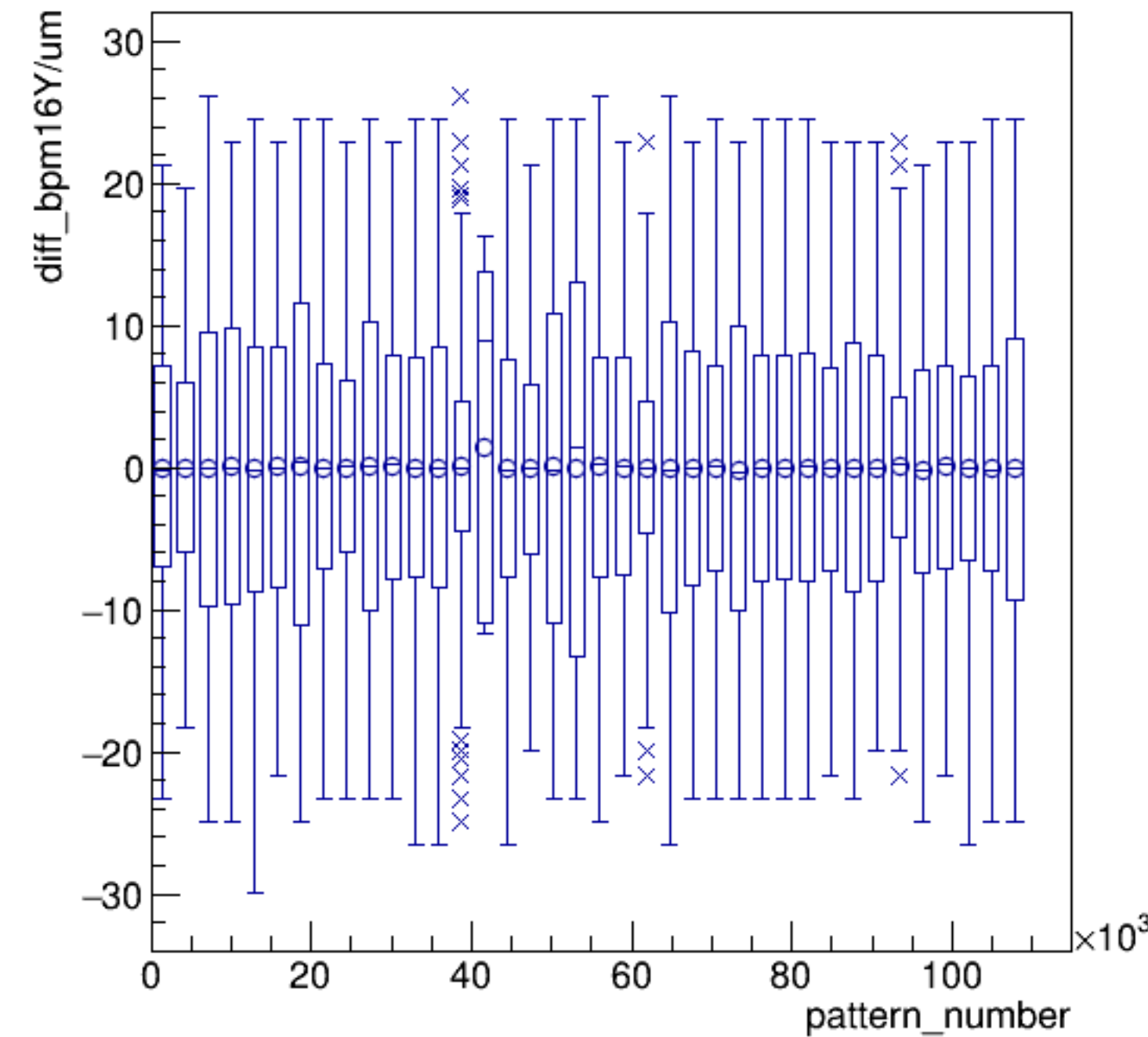


run8025_000_pairTree_bpm16Y.png

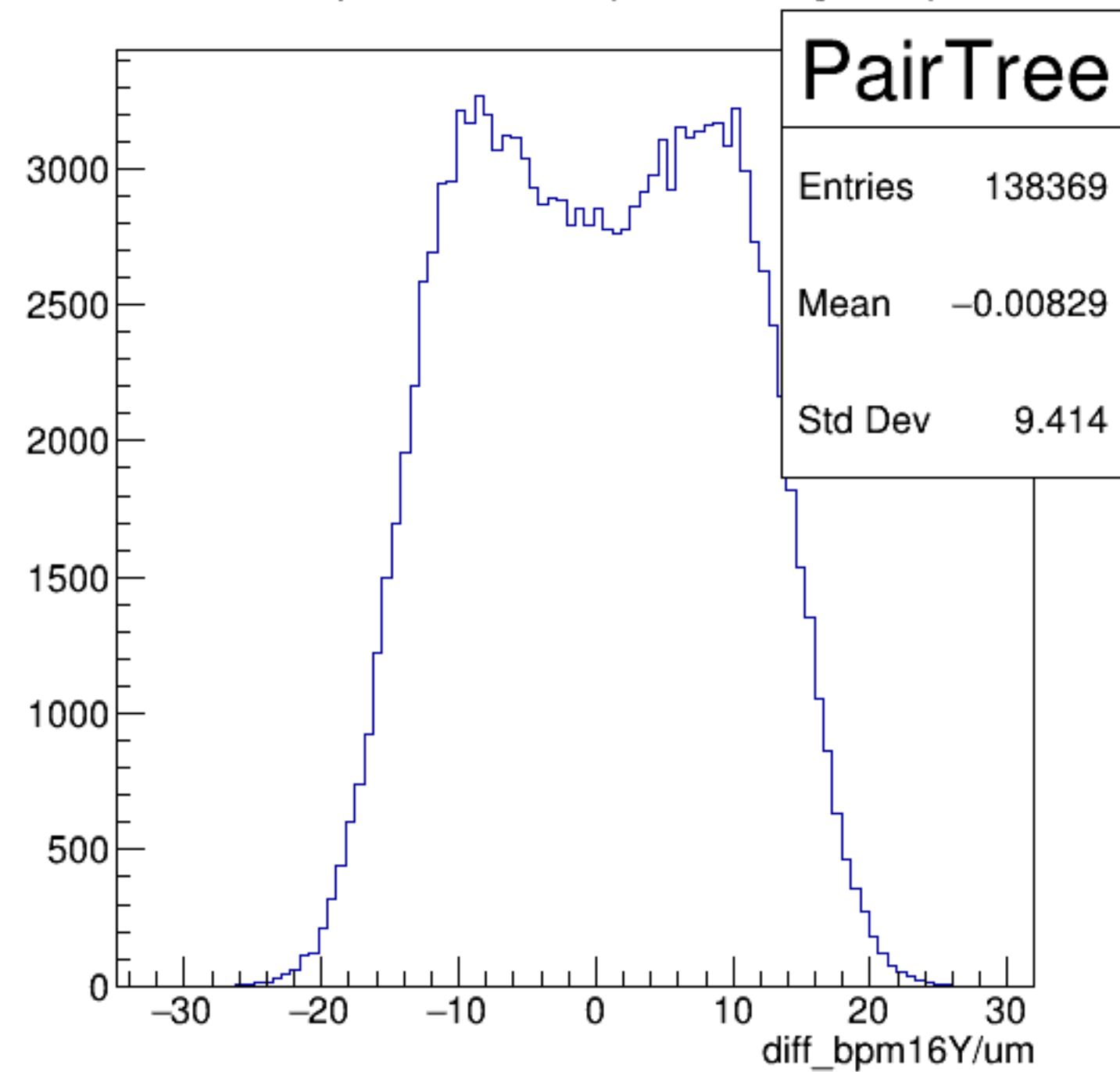
yield_bpm16Y/mm {ErrorFlag==0}



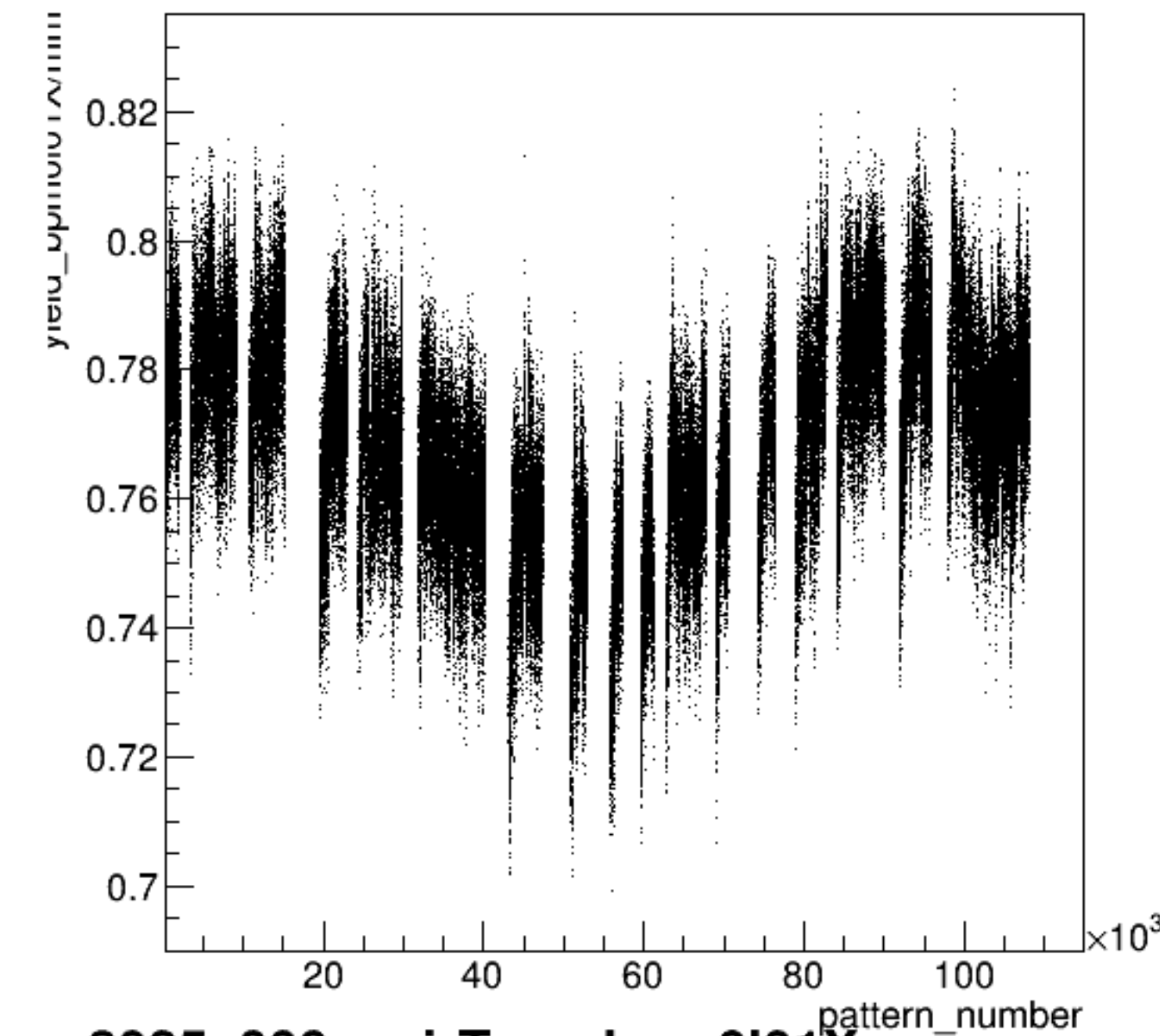
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



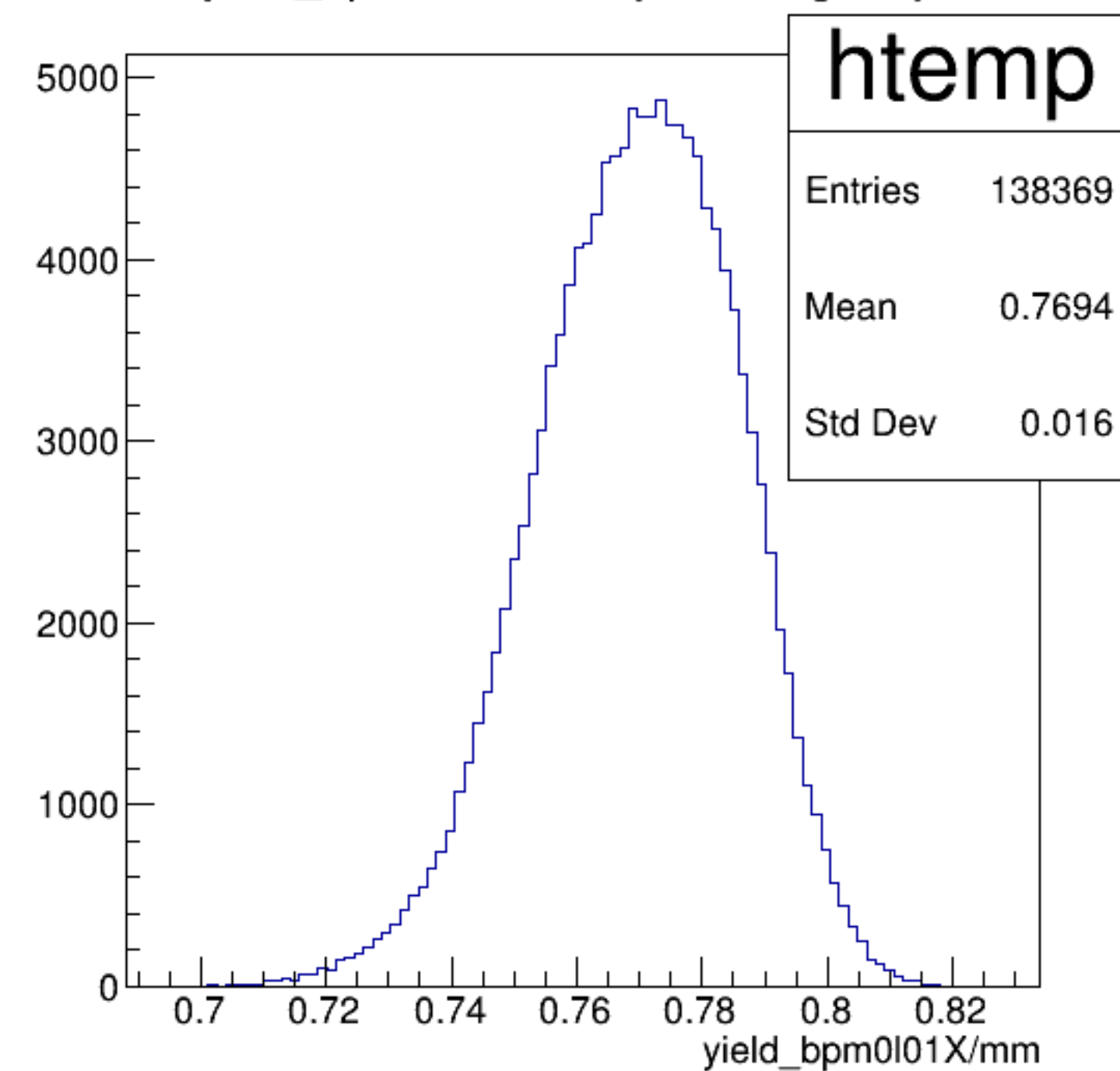
diff_bpm16Y/um {ErrorFlag==0}



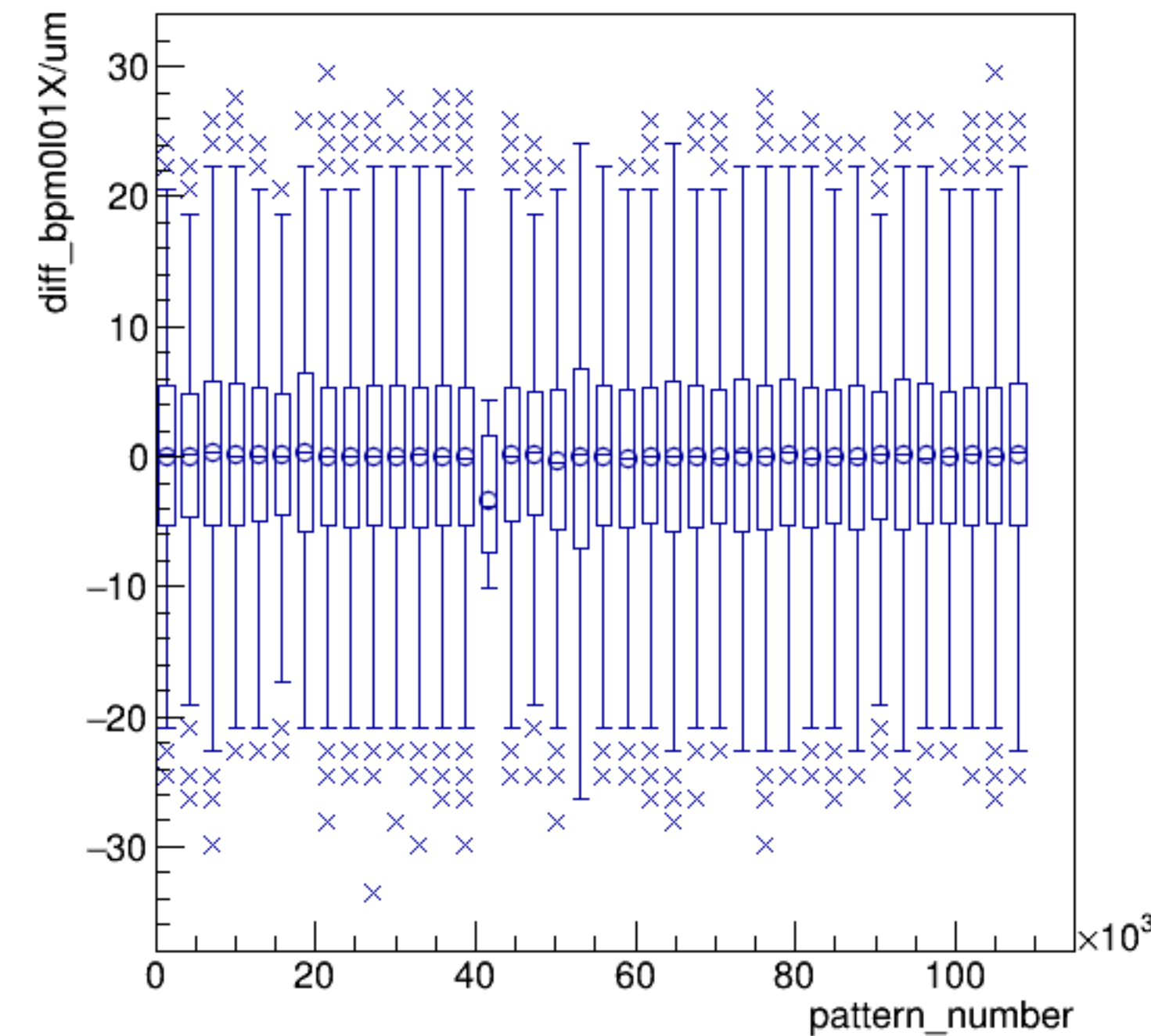
yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}



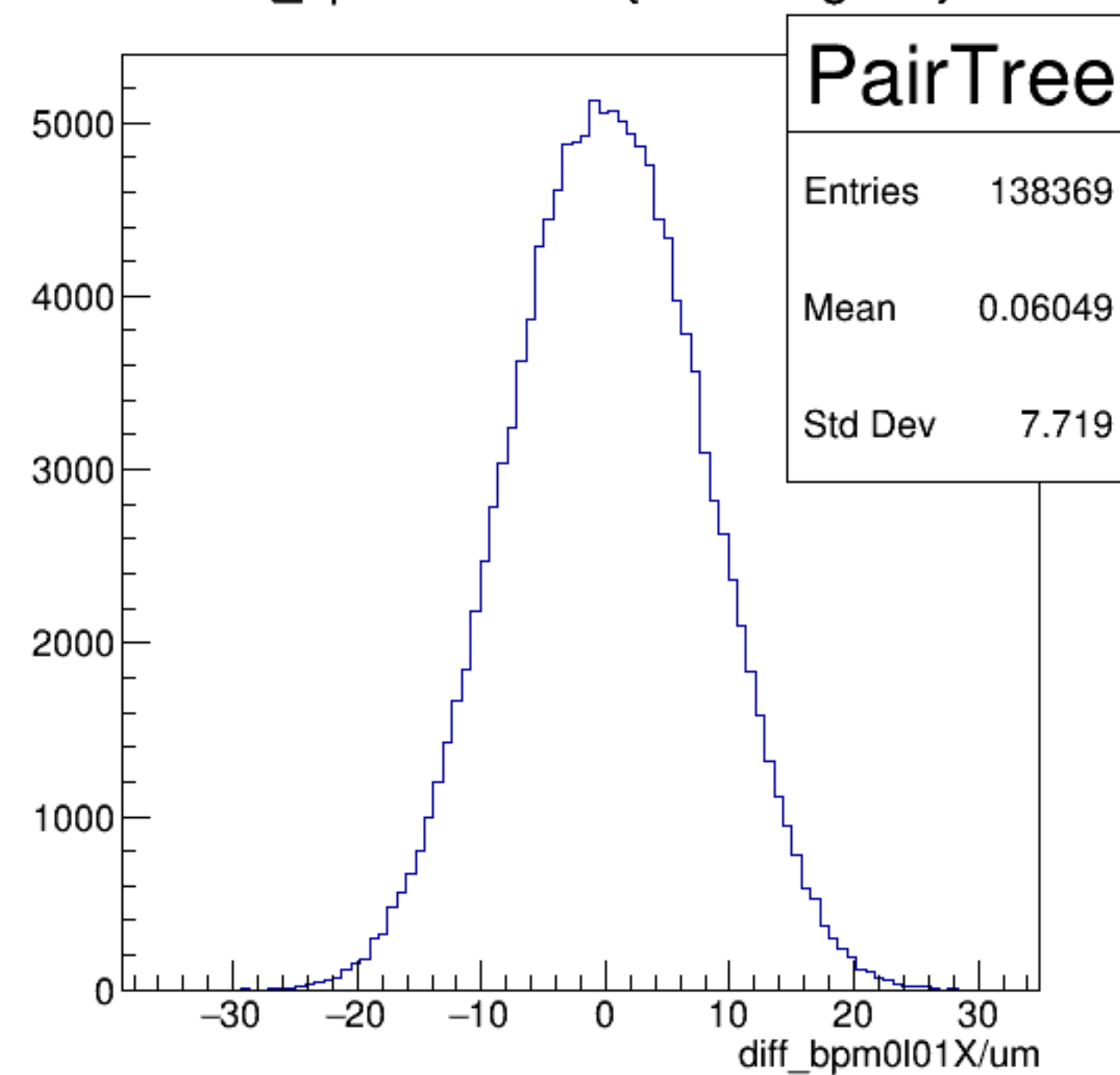
yield_bpm0l01X/mm {ErrorFlag==0}

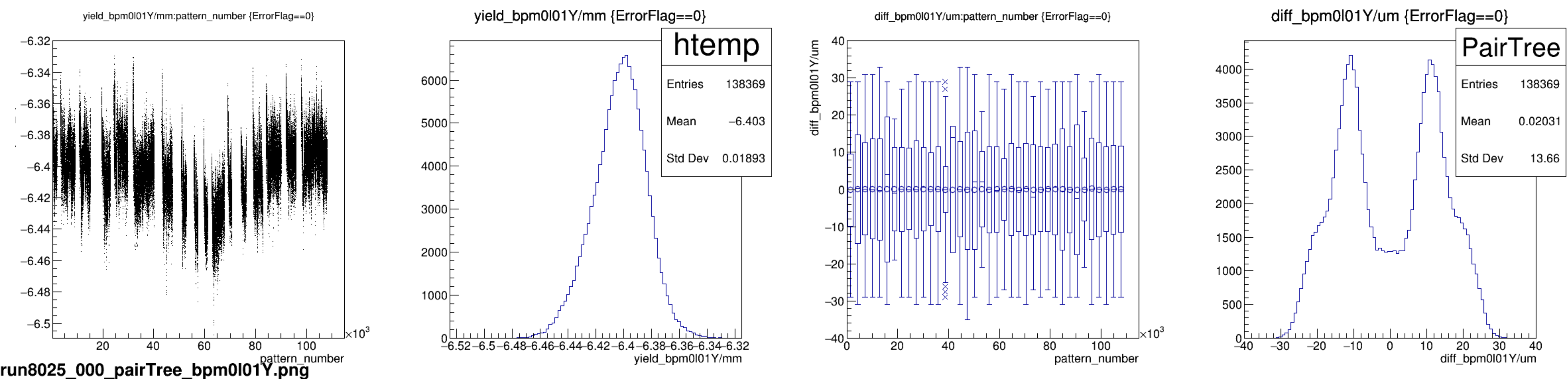


diff_bpm0l01X/um:pattern_number {ErrorFlag==0}



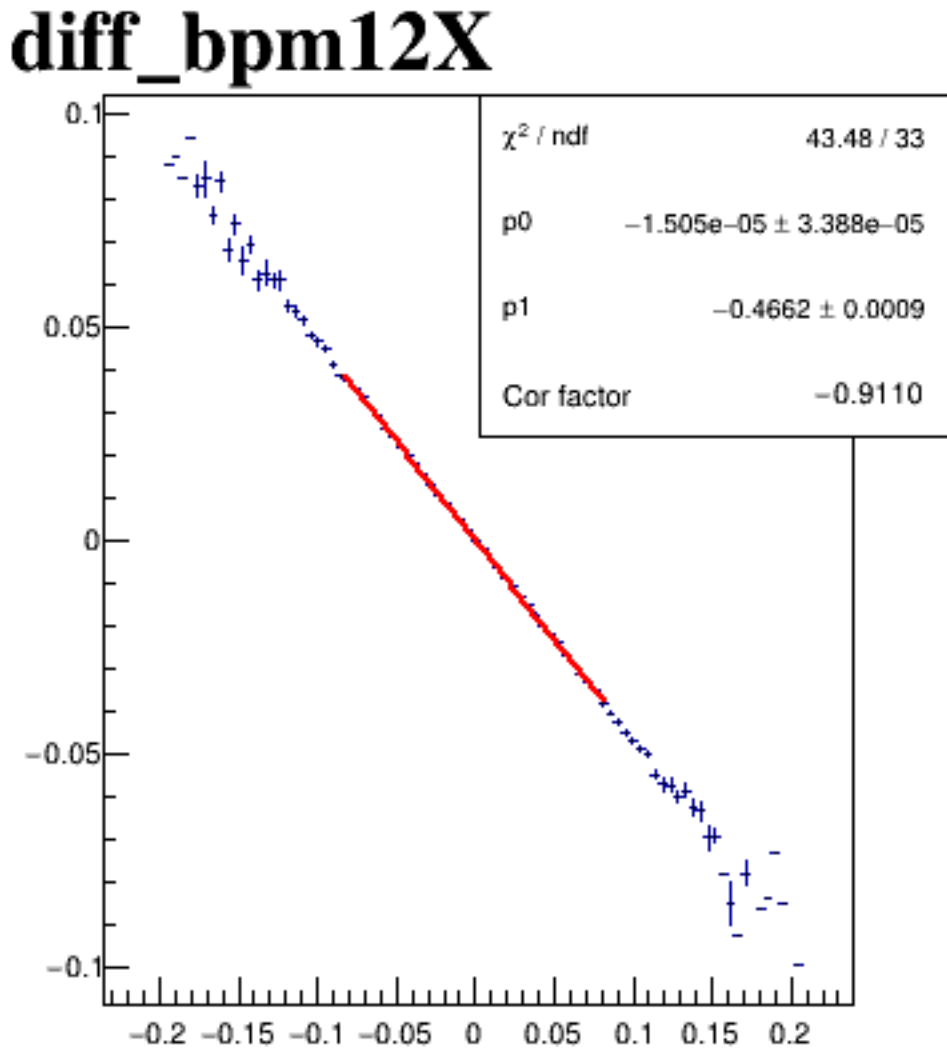
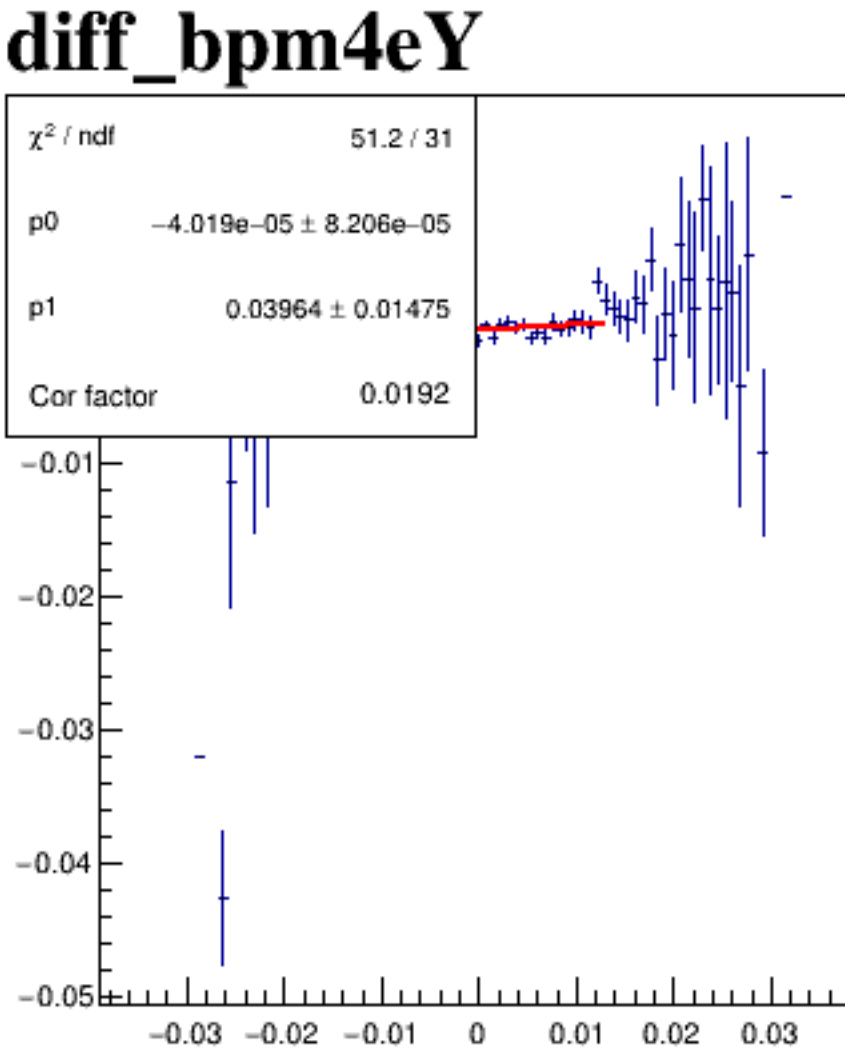
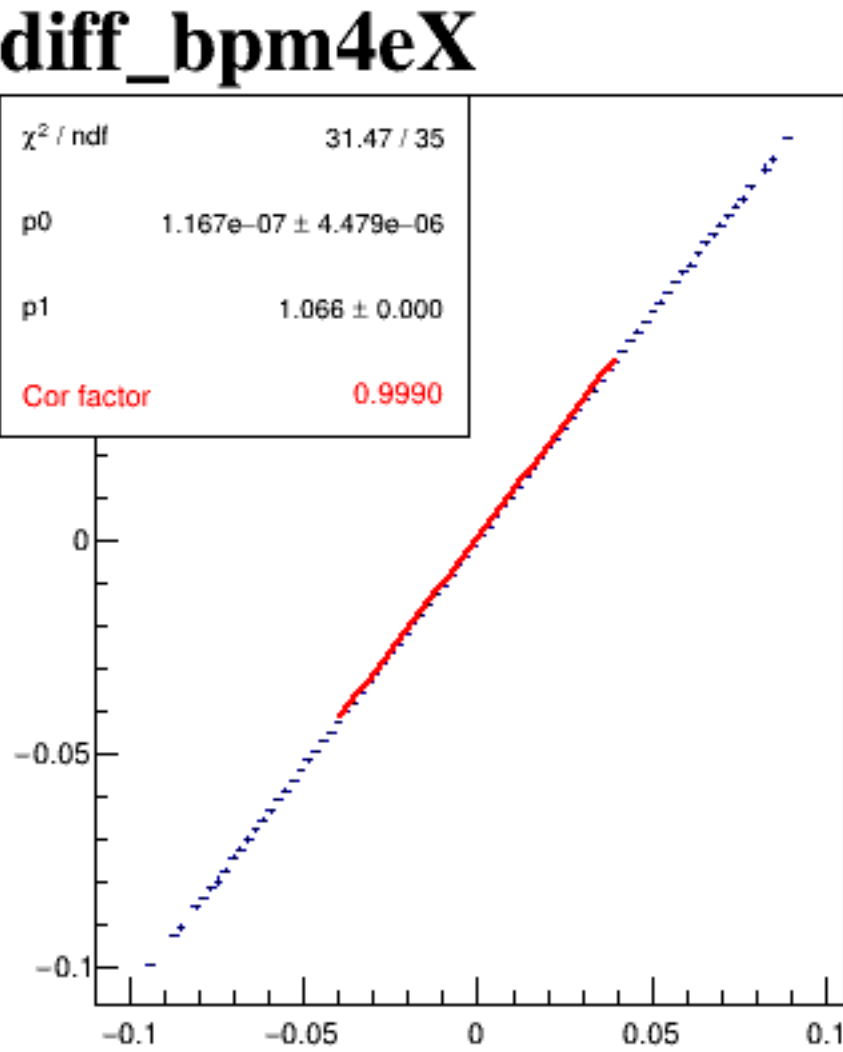
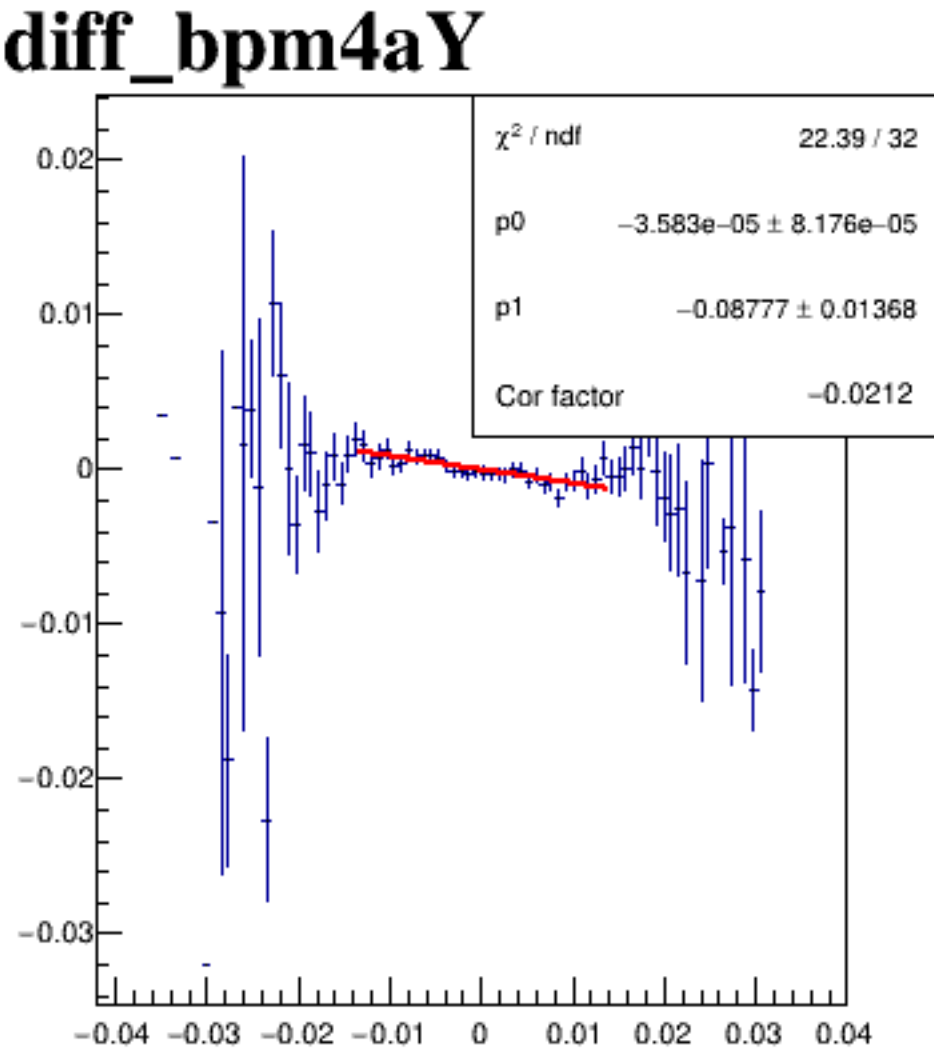
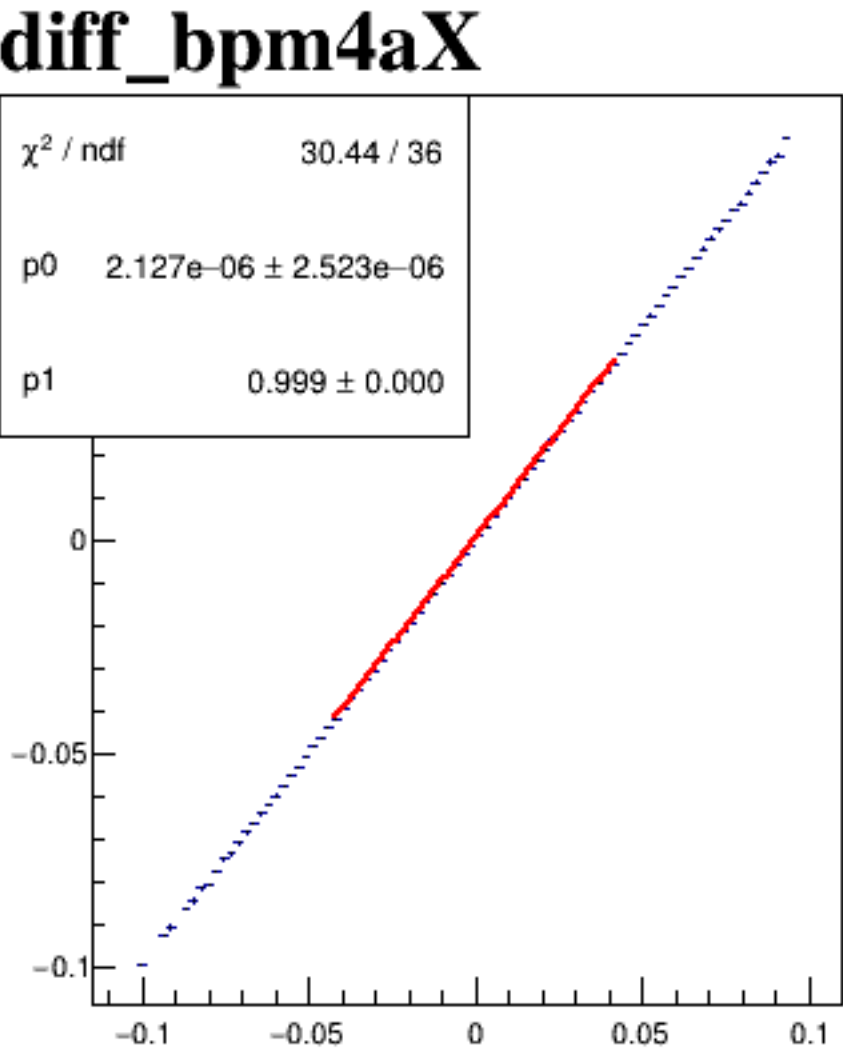
diff_bpm0l01X/um {ErrorFlag==0}



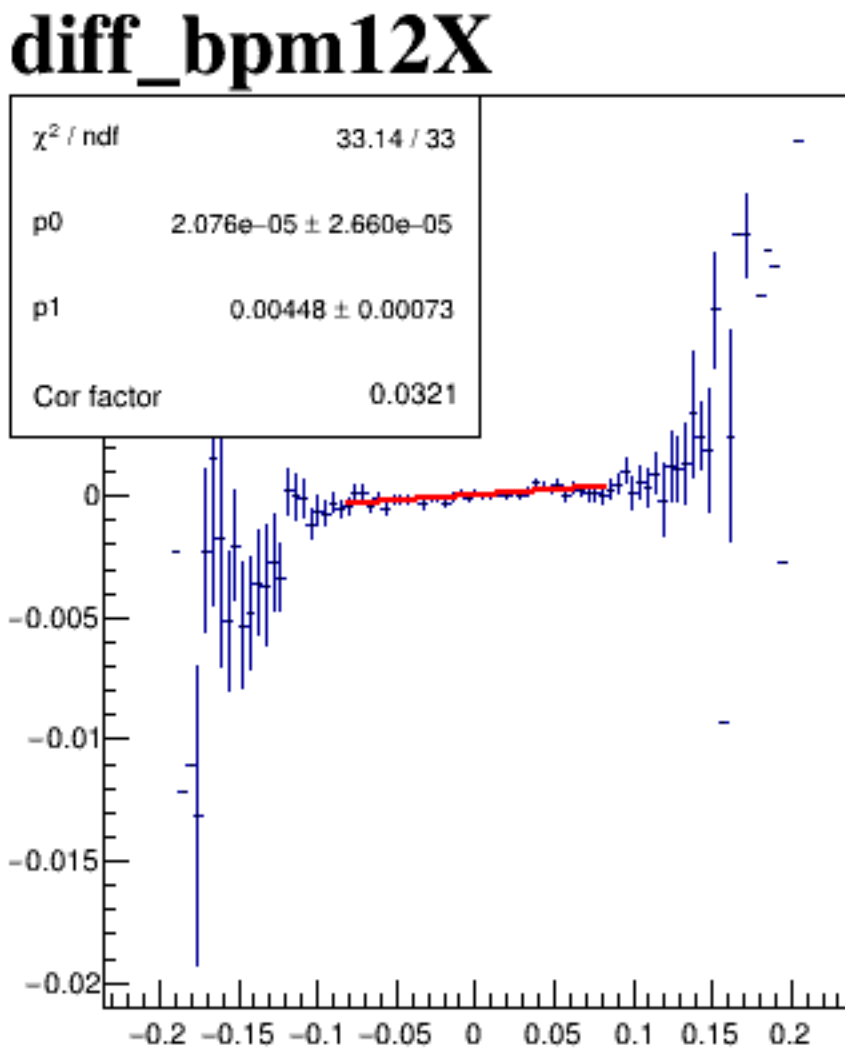
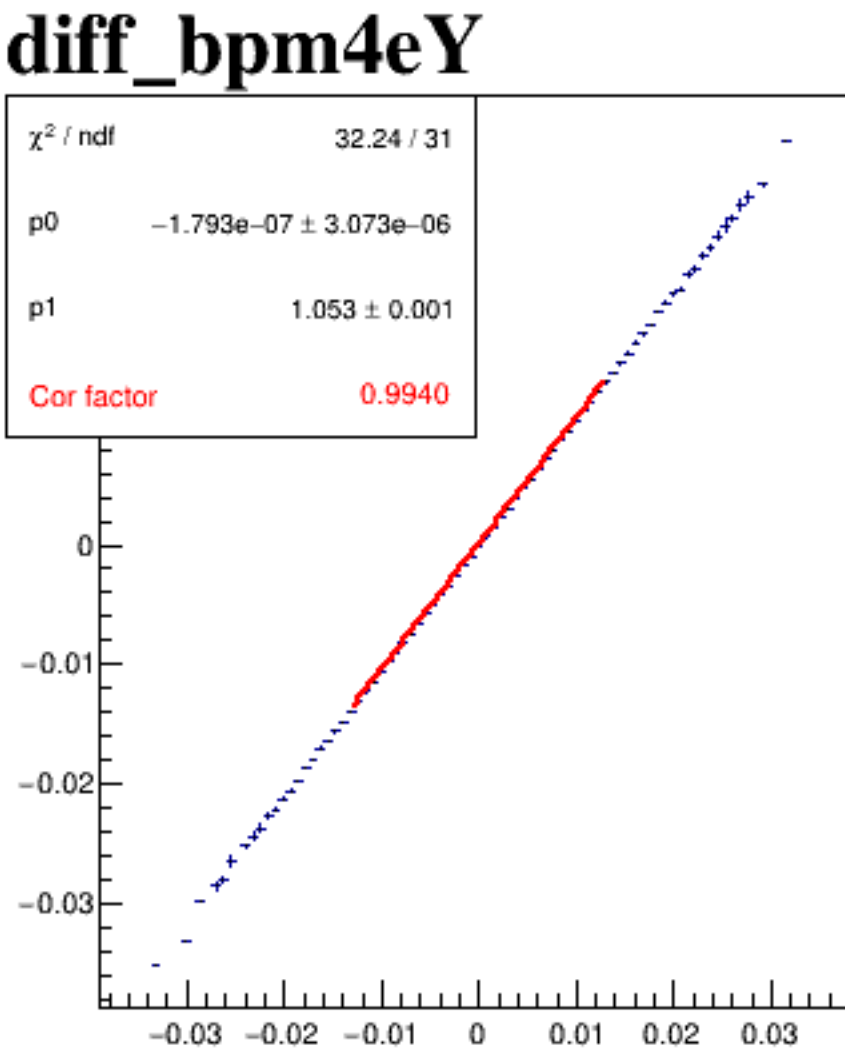
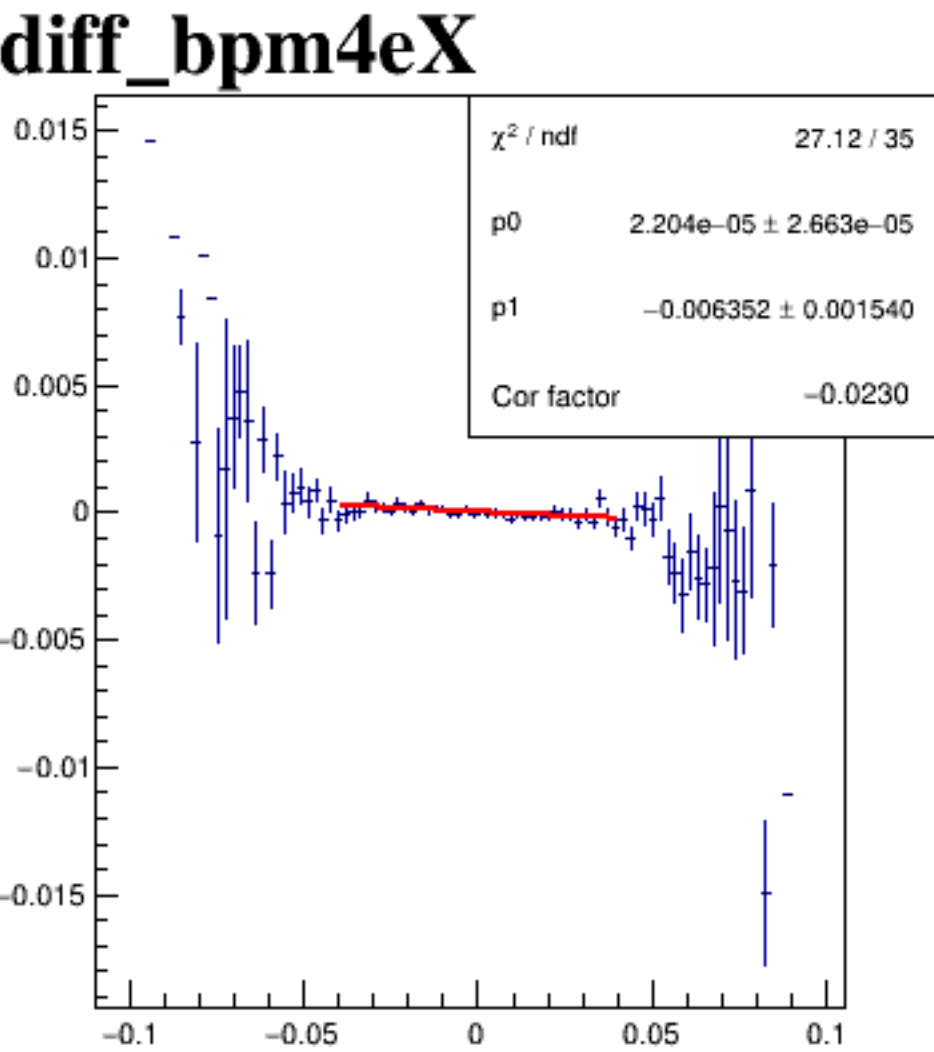
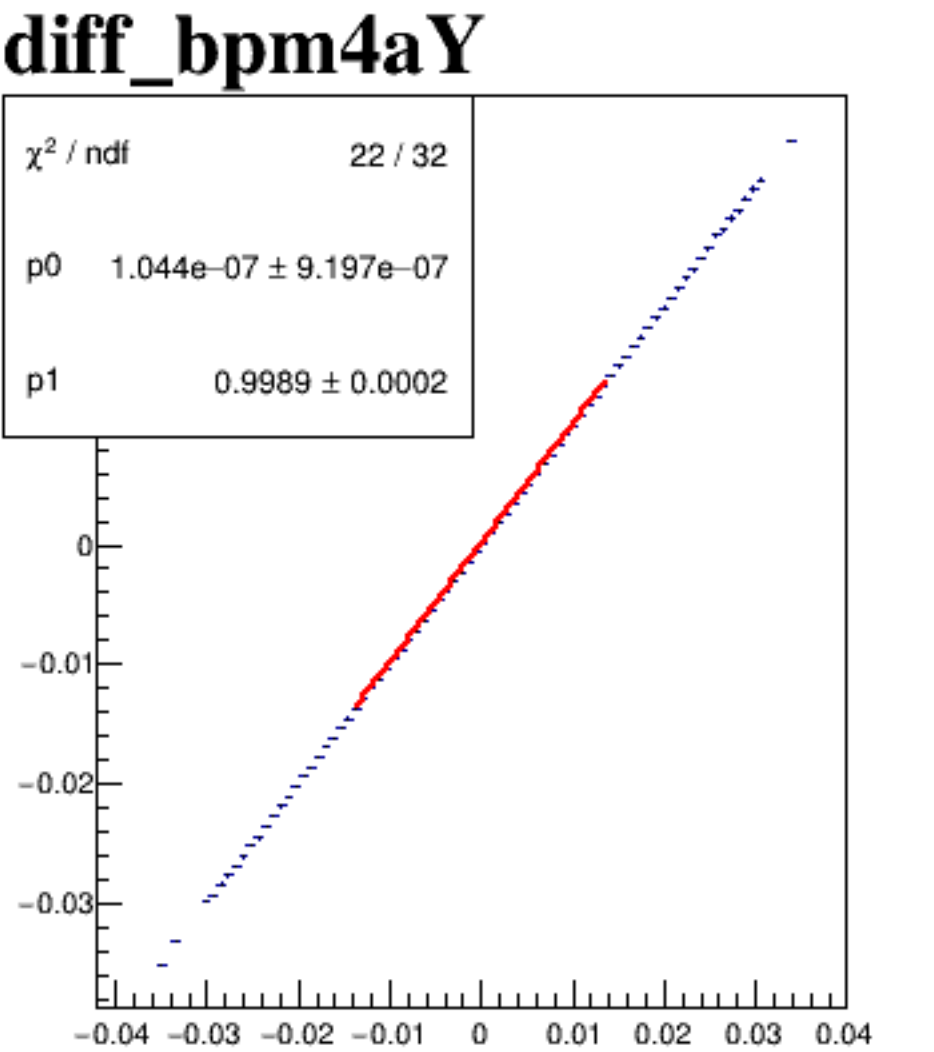
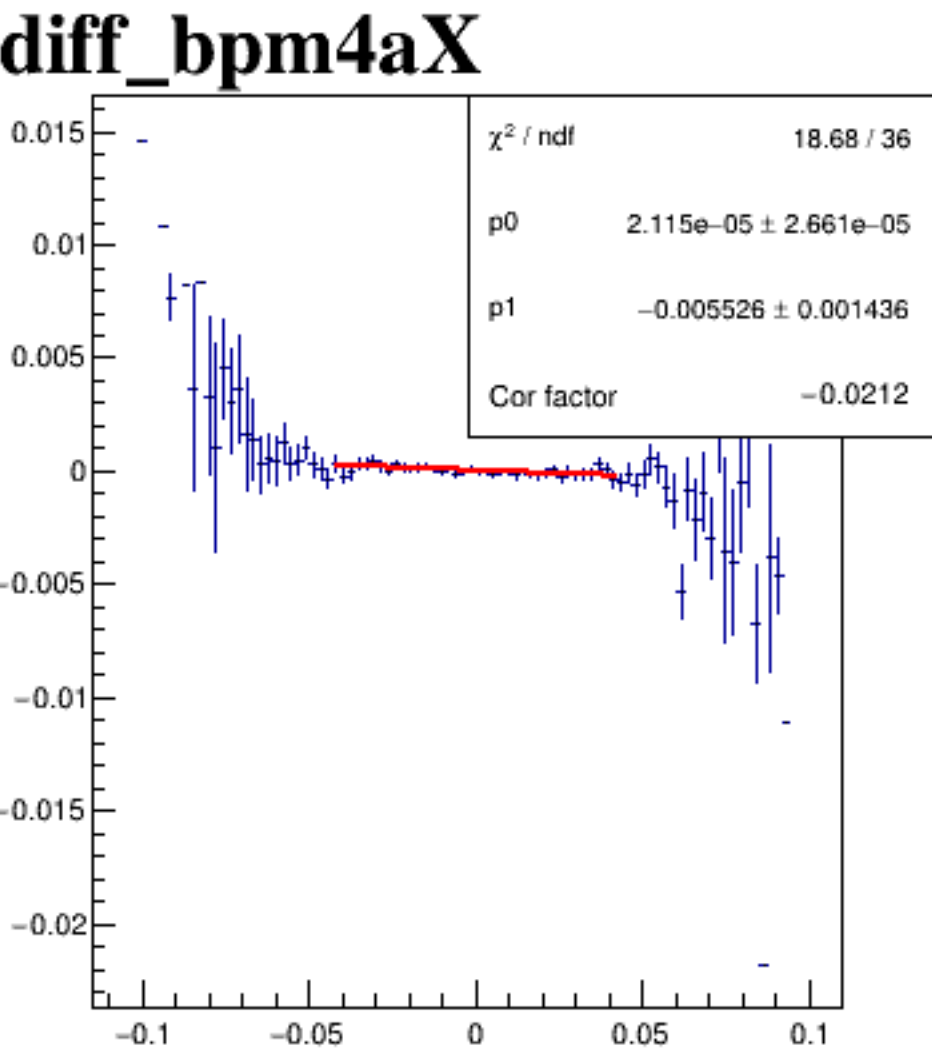


run8025_000_diff_bpm_mutual_correlation_COLZ_default.png

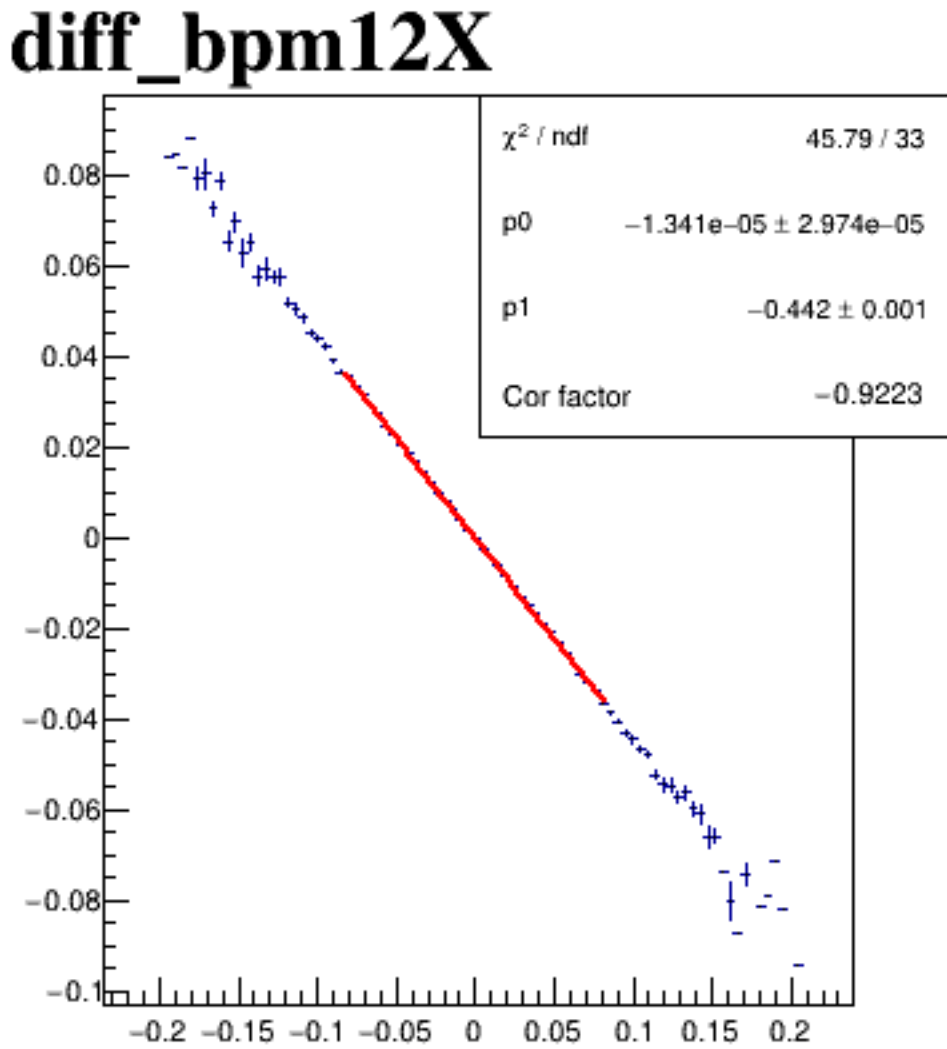
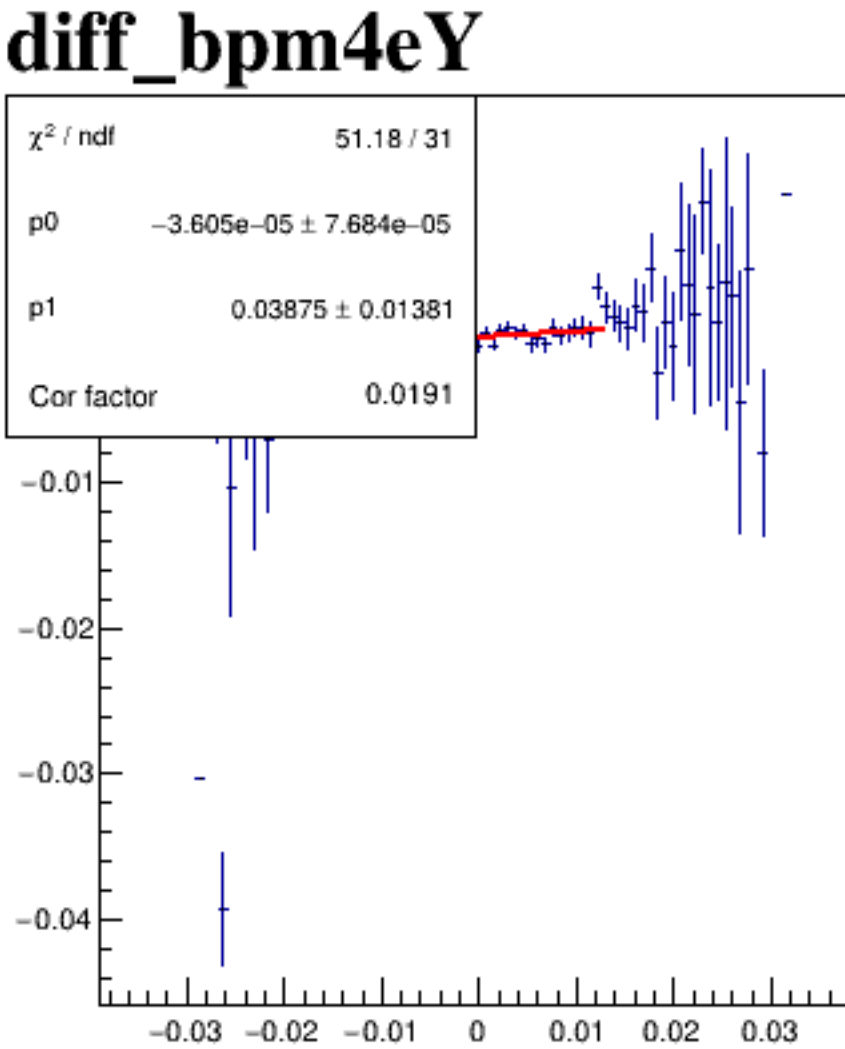
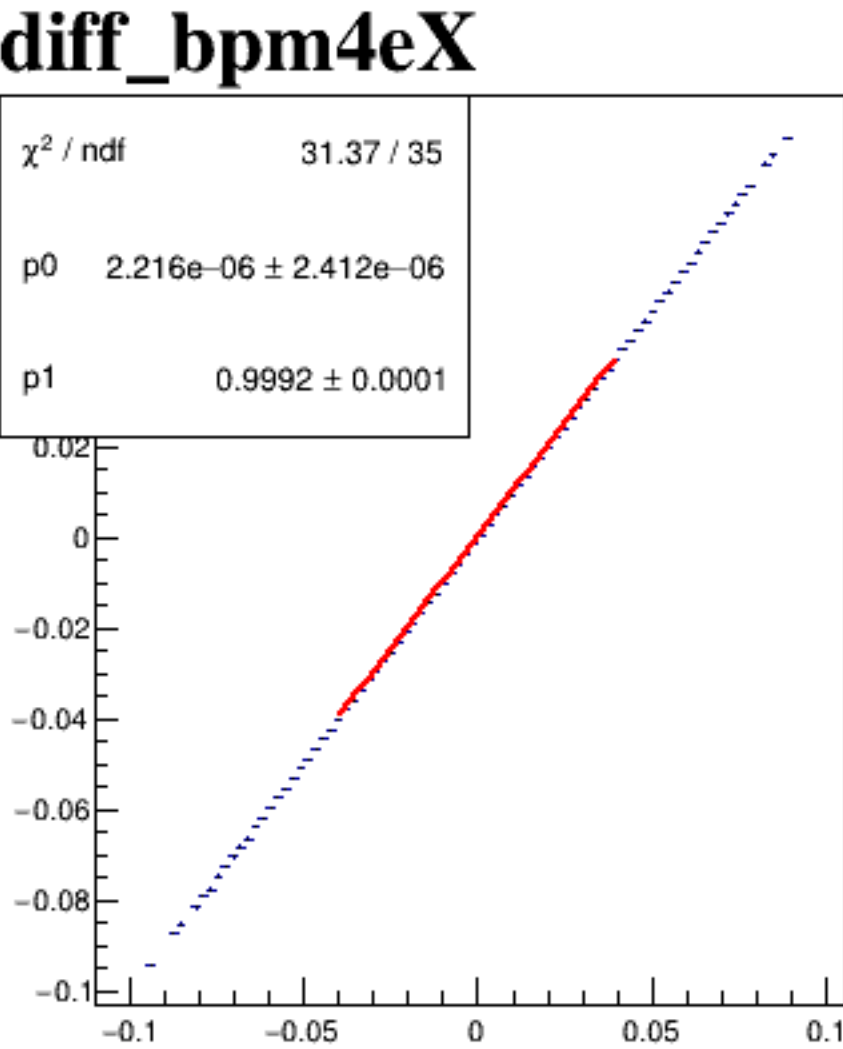
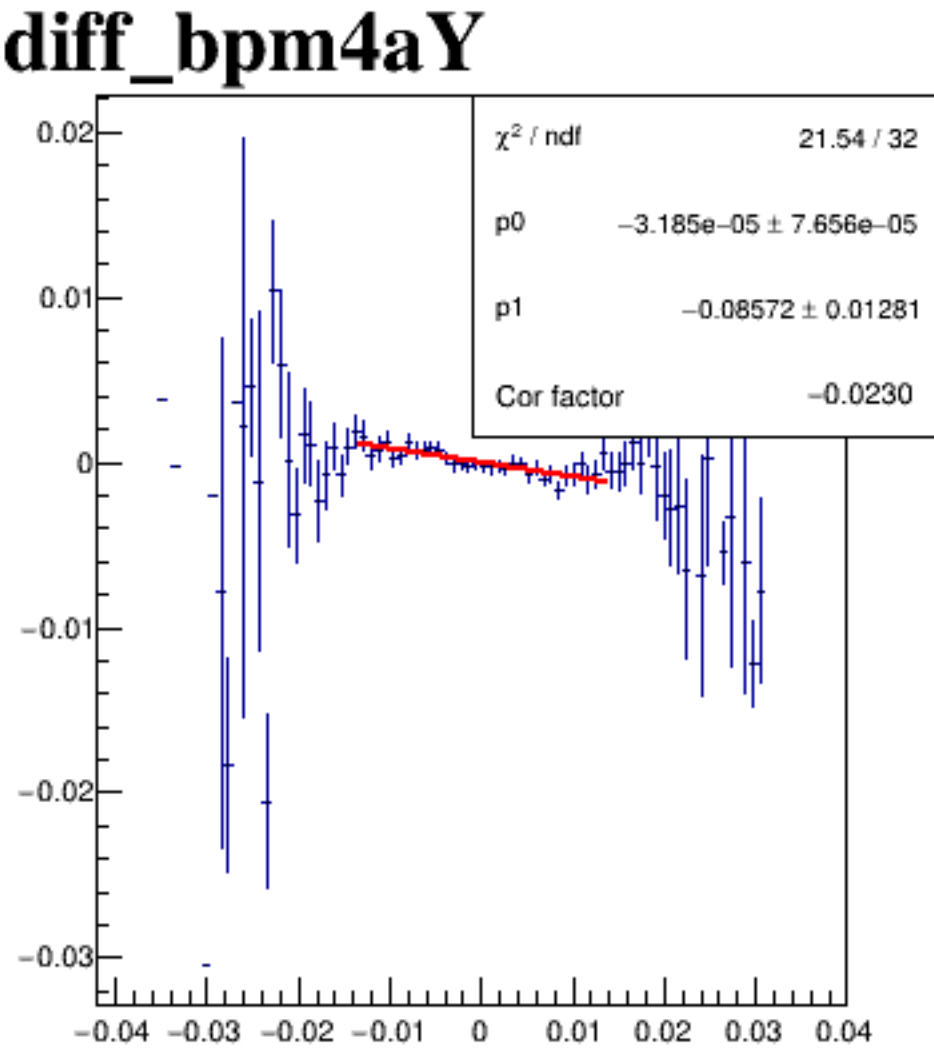
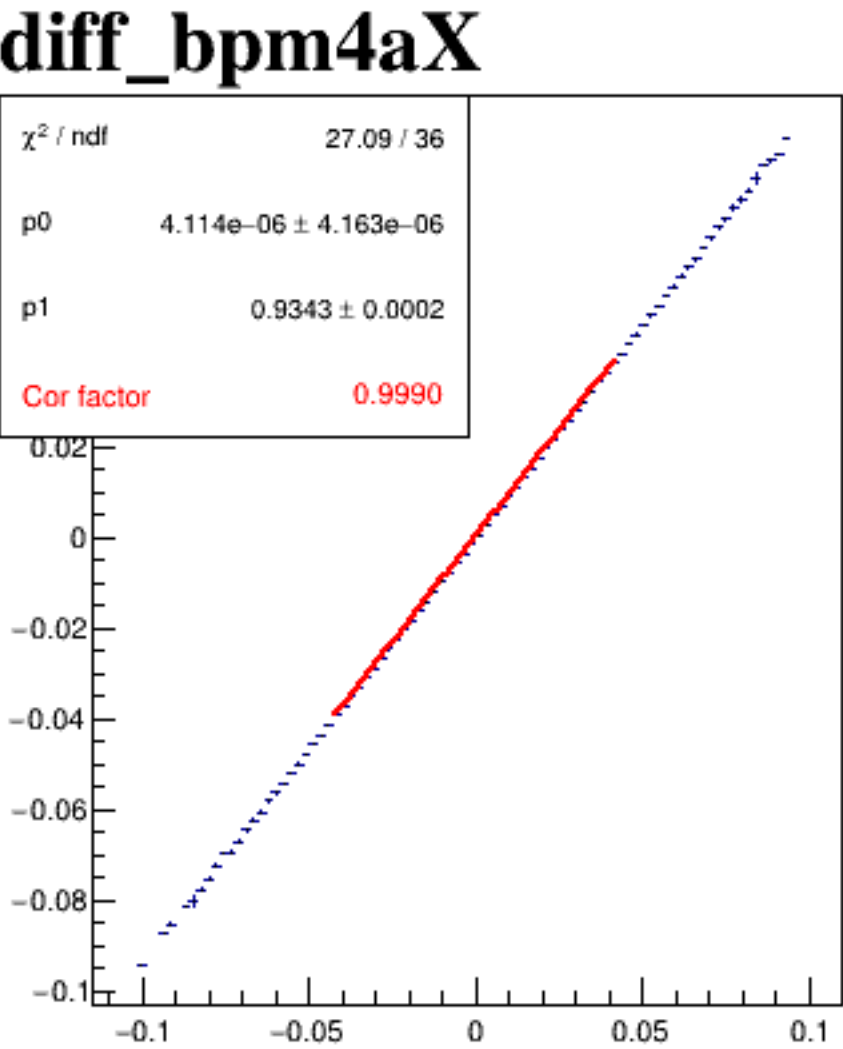
diff_bpm4aX



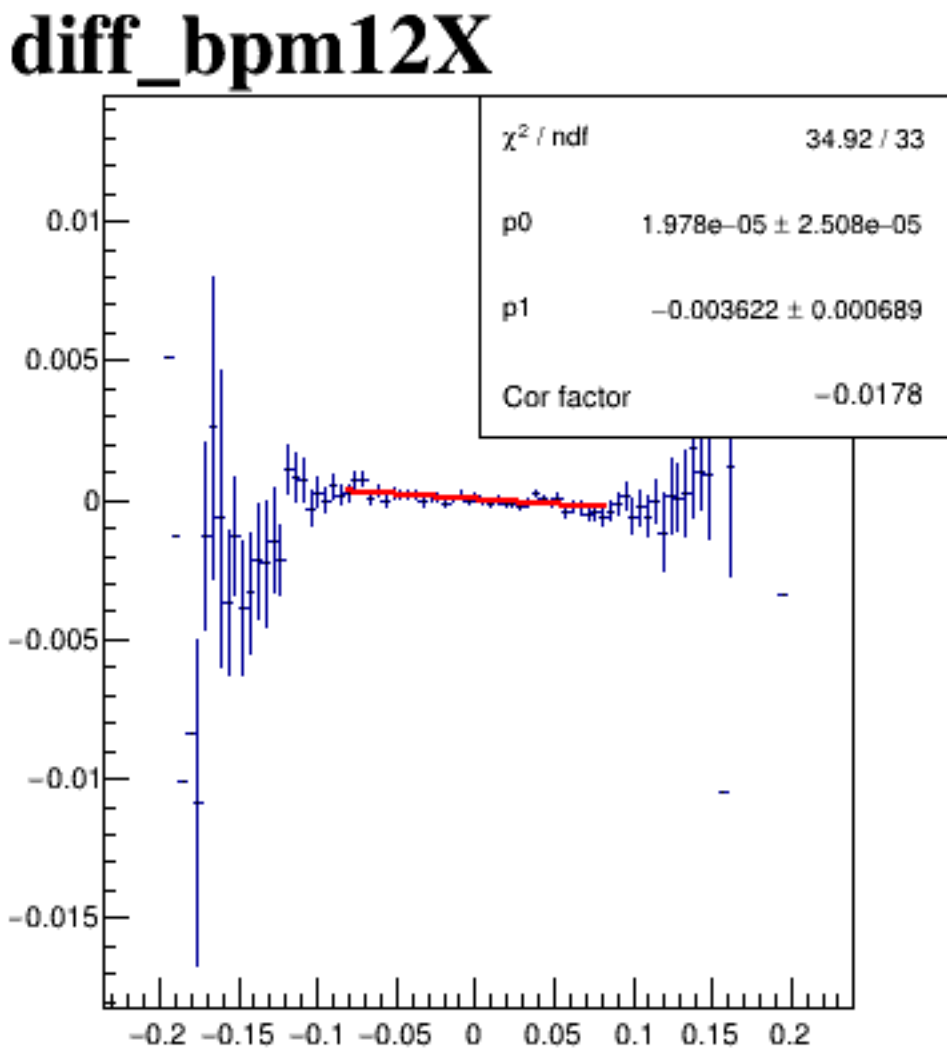
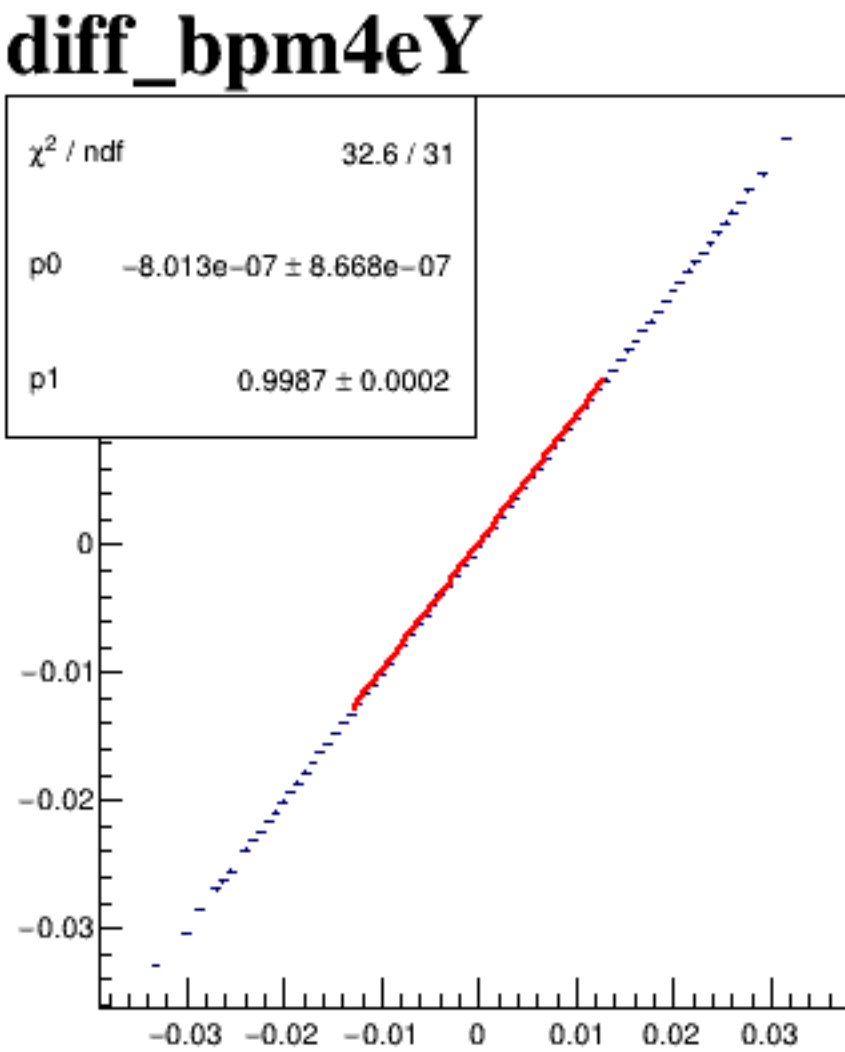
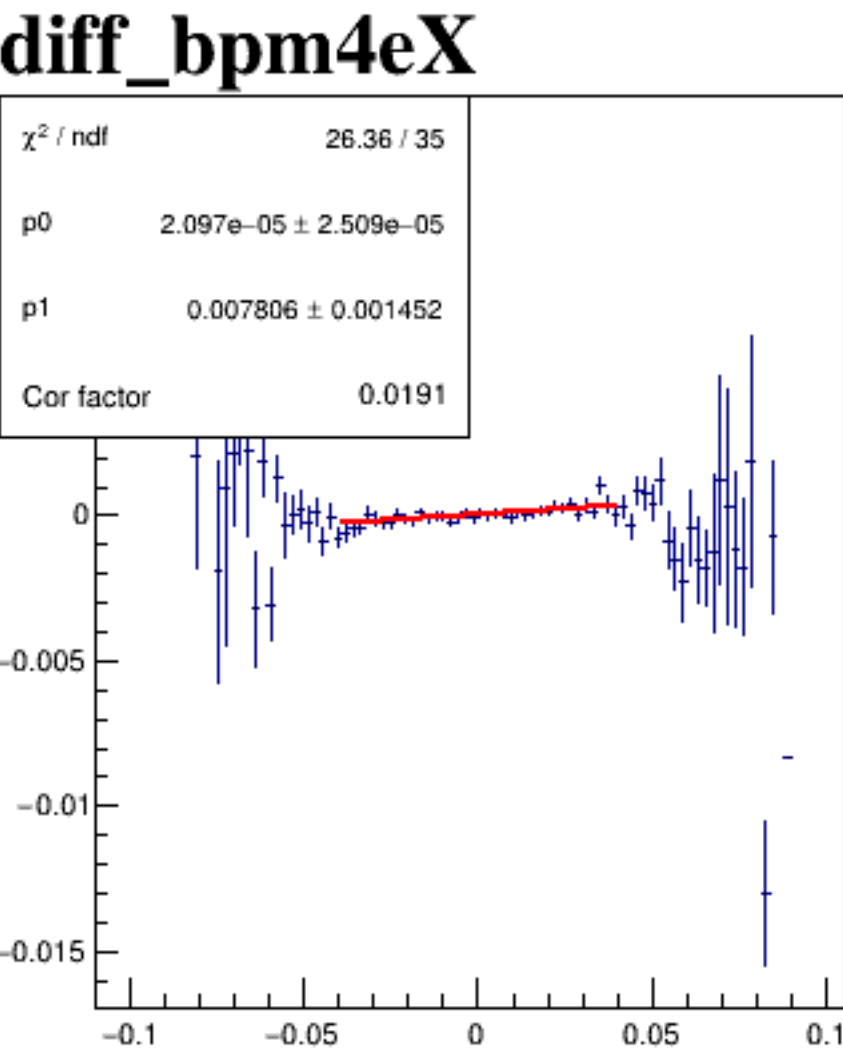
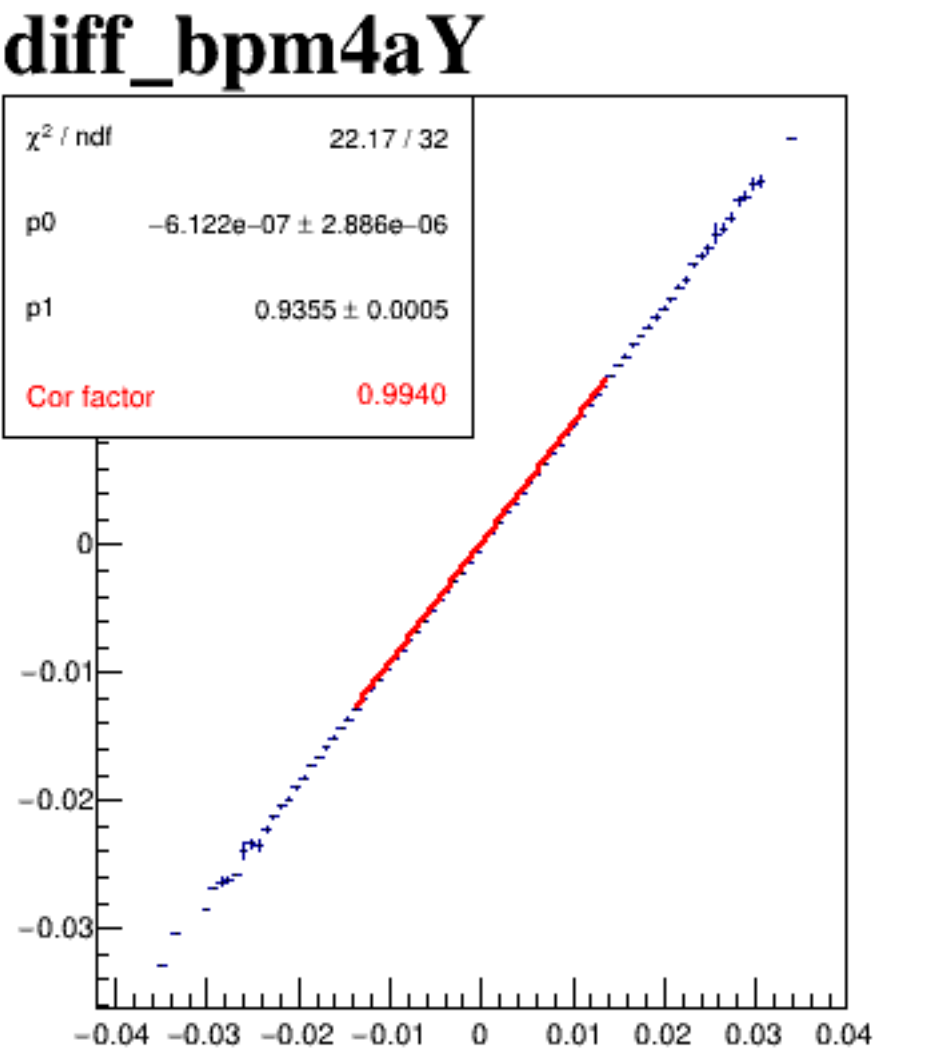
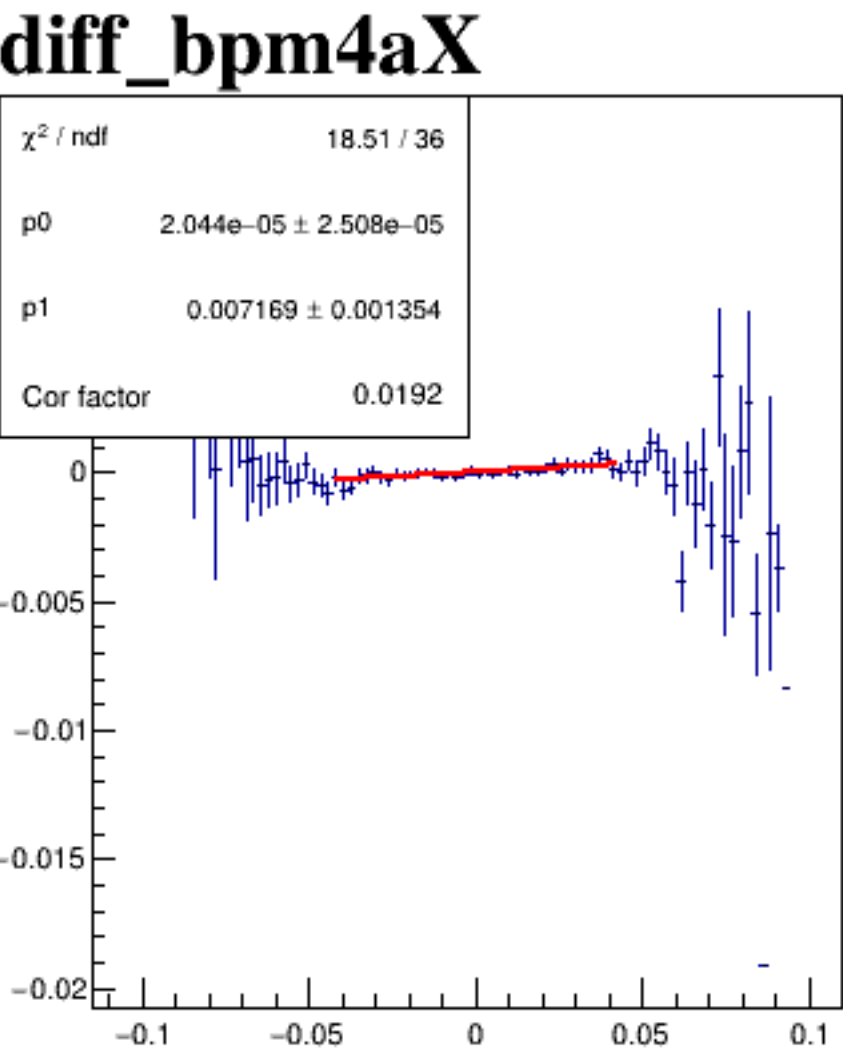
diff_bpm4aY



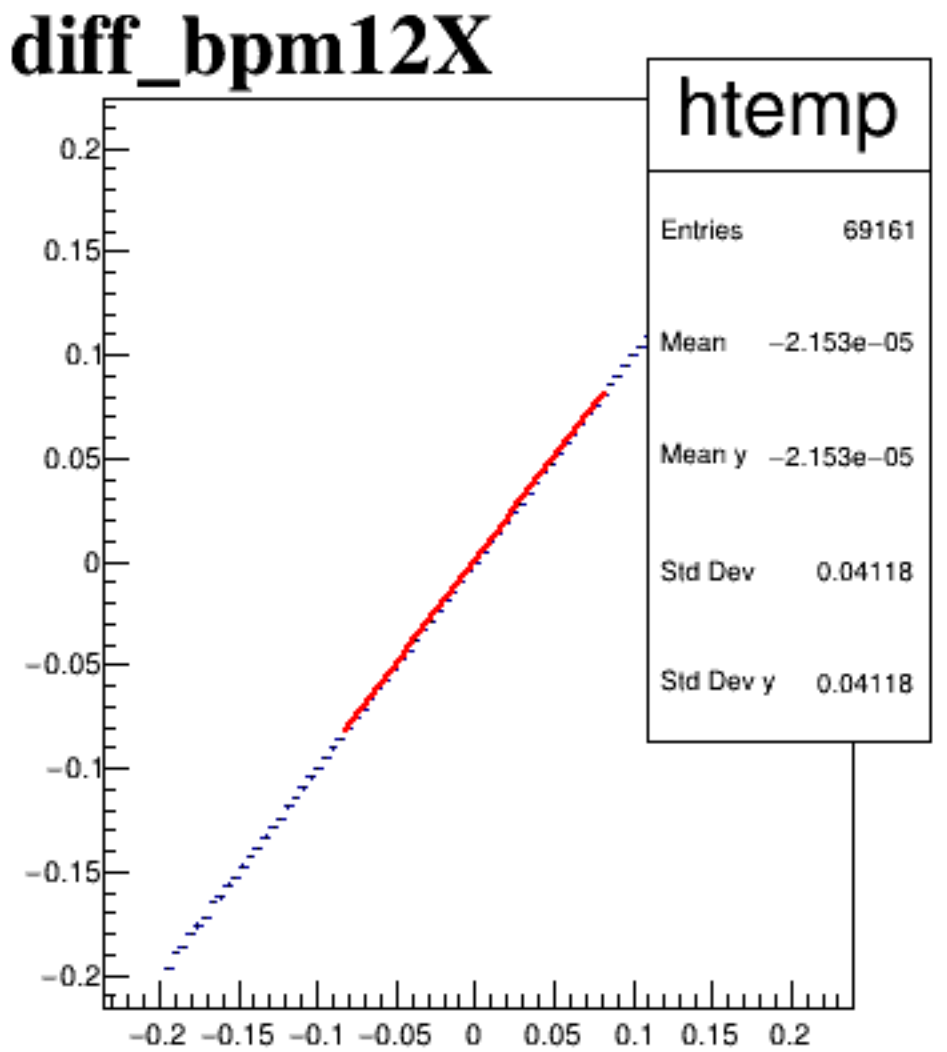
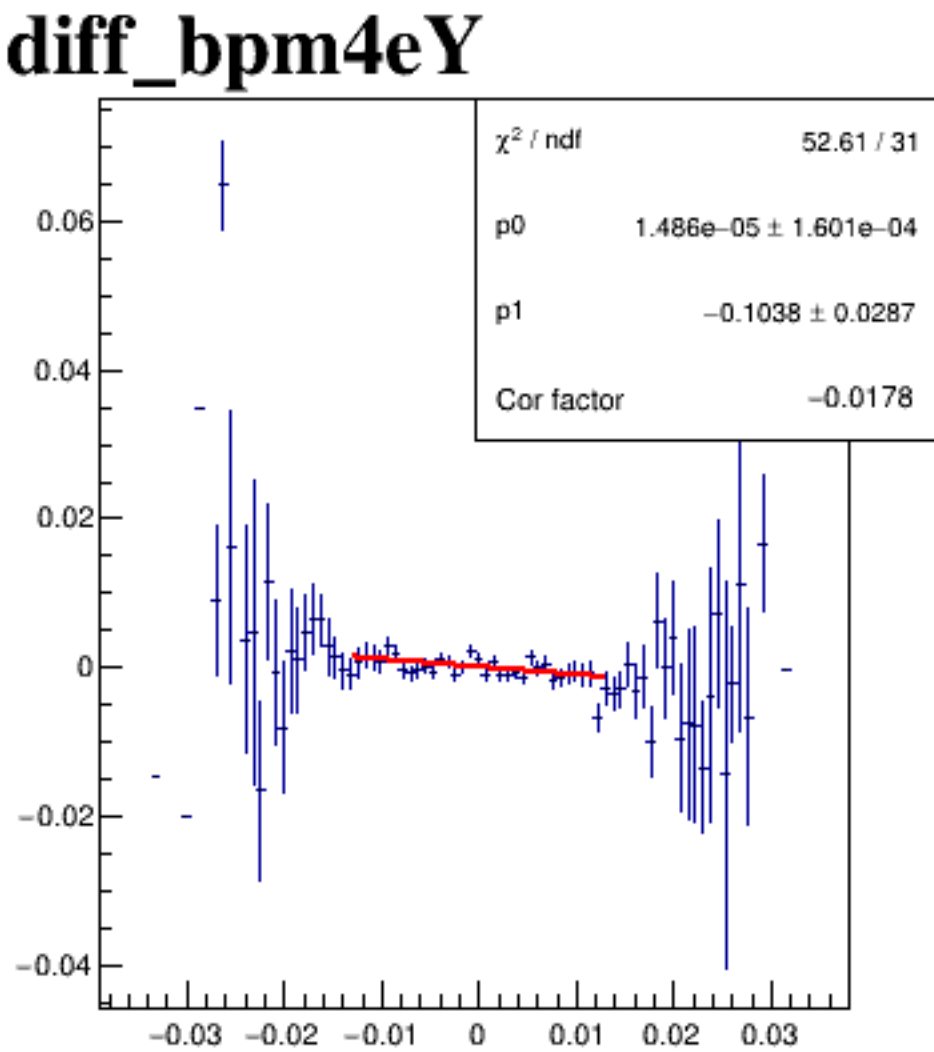
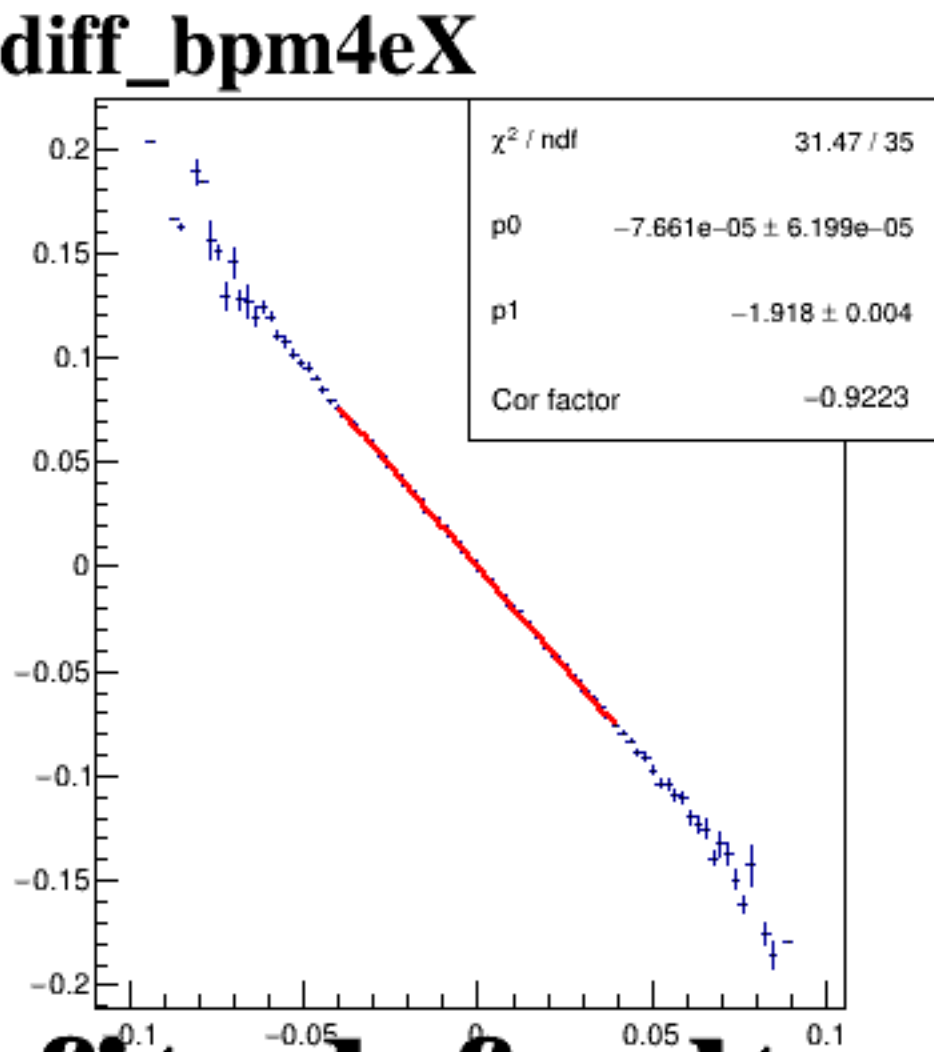
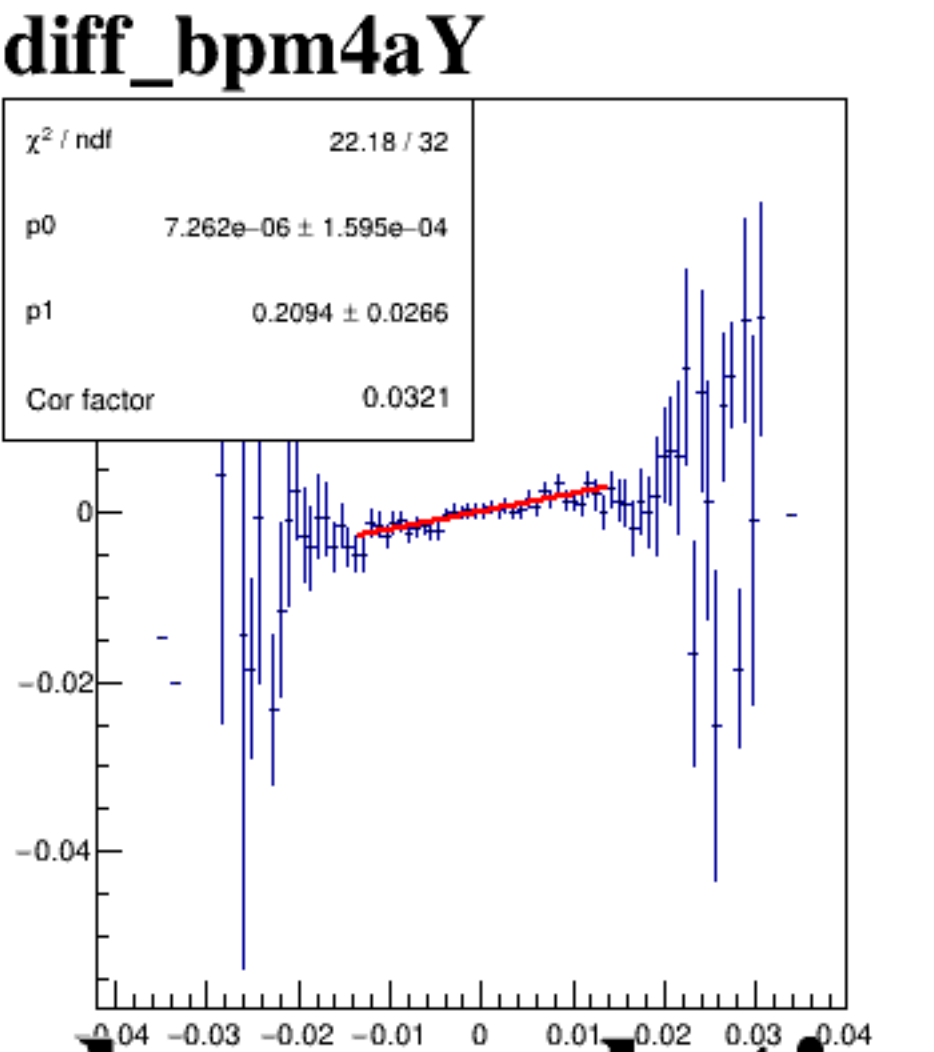
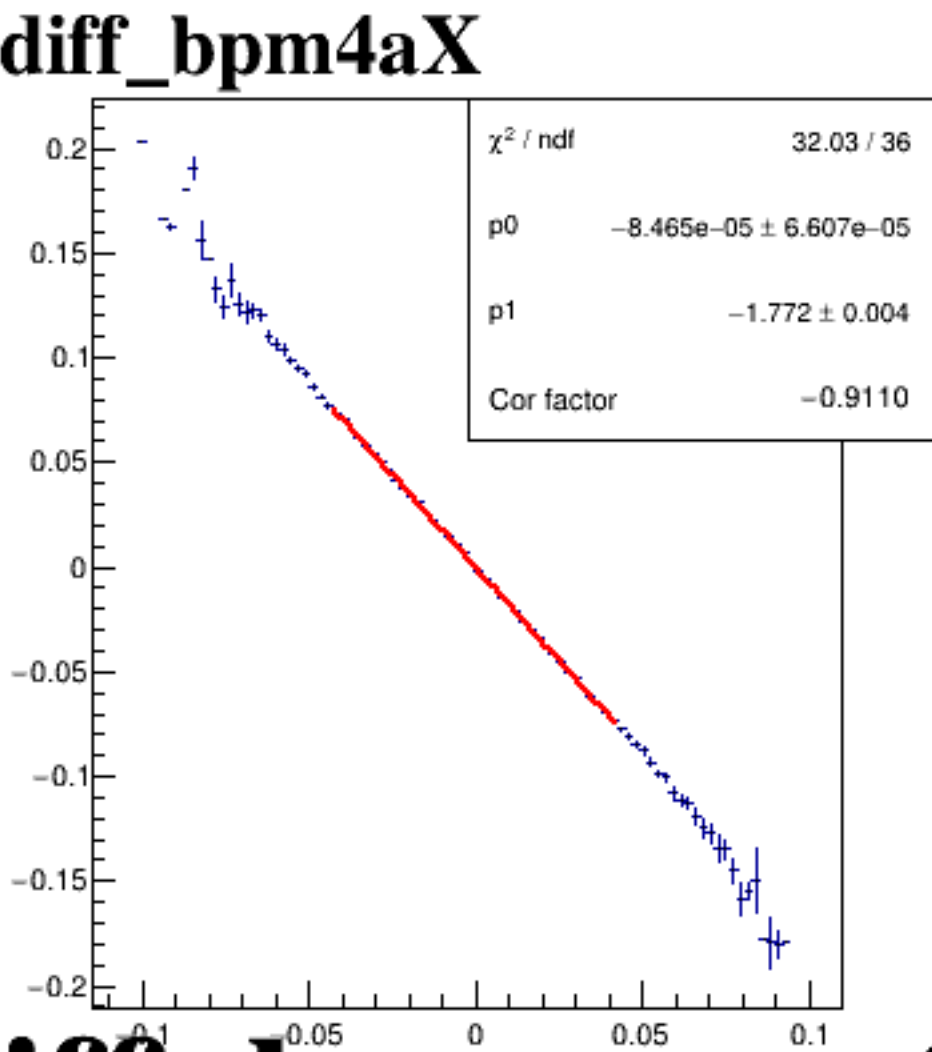
diff_bpm4eX



diff_bpm4eY

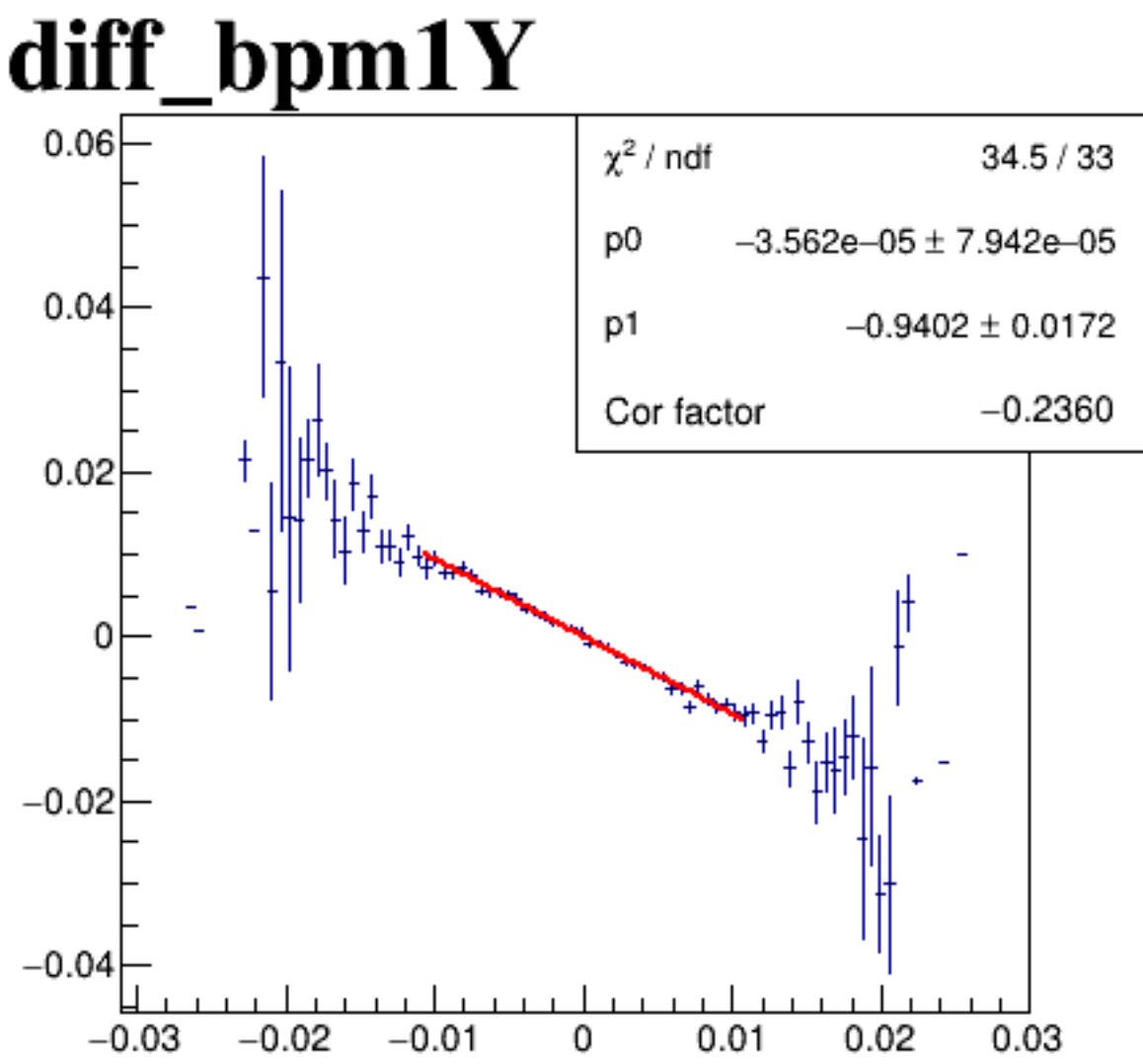
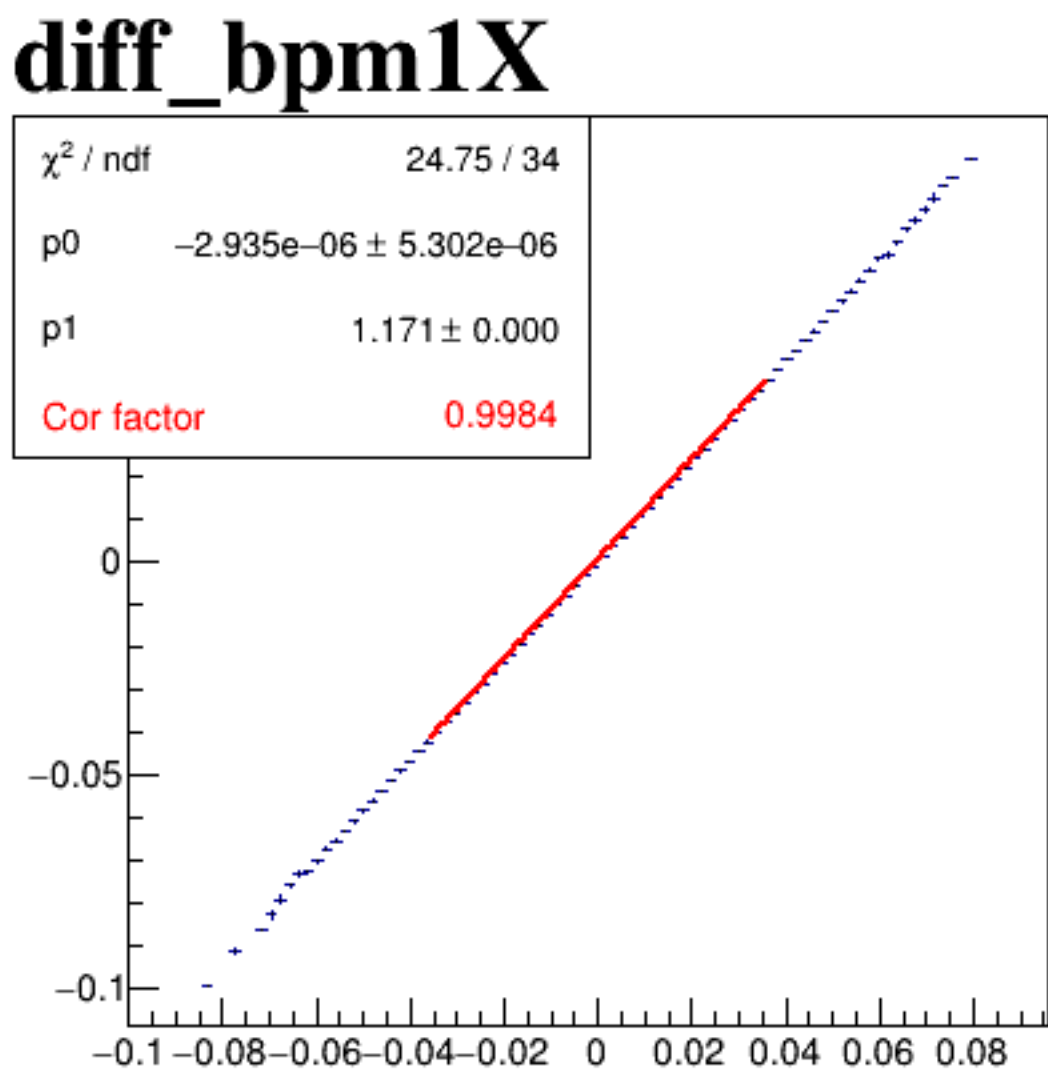
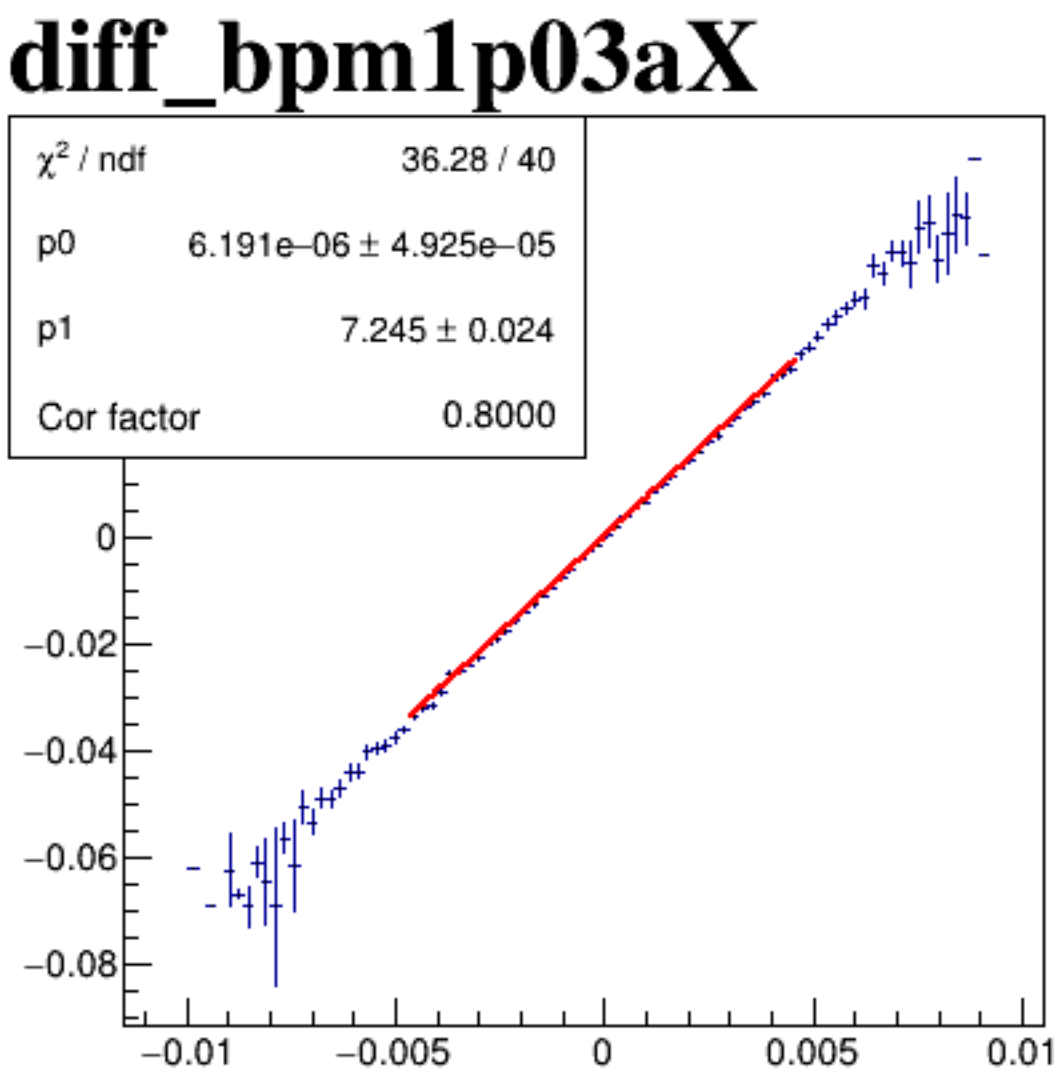
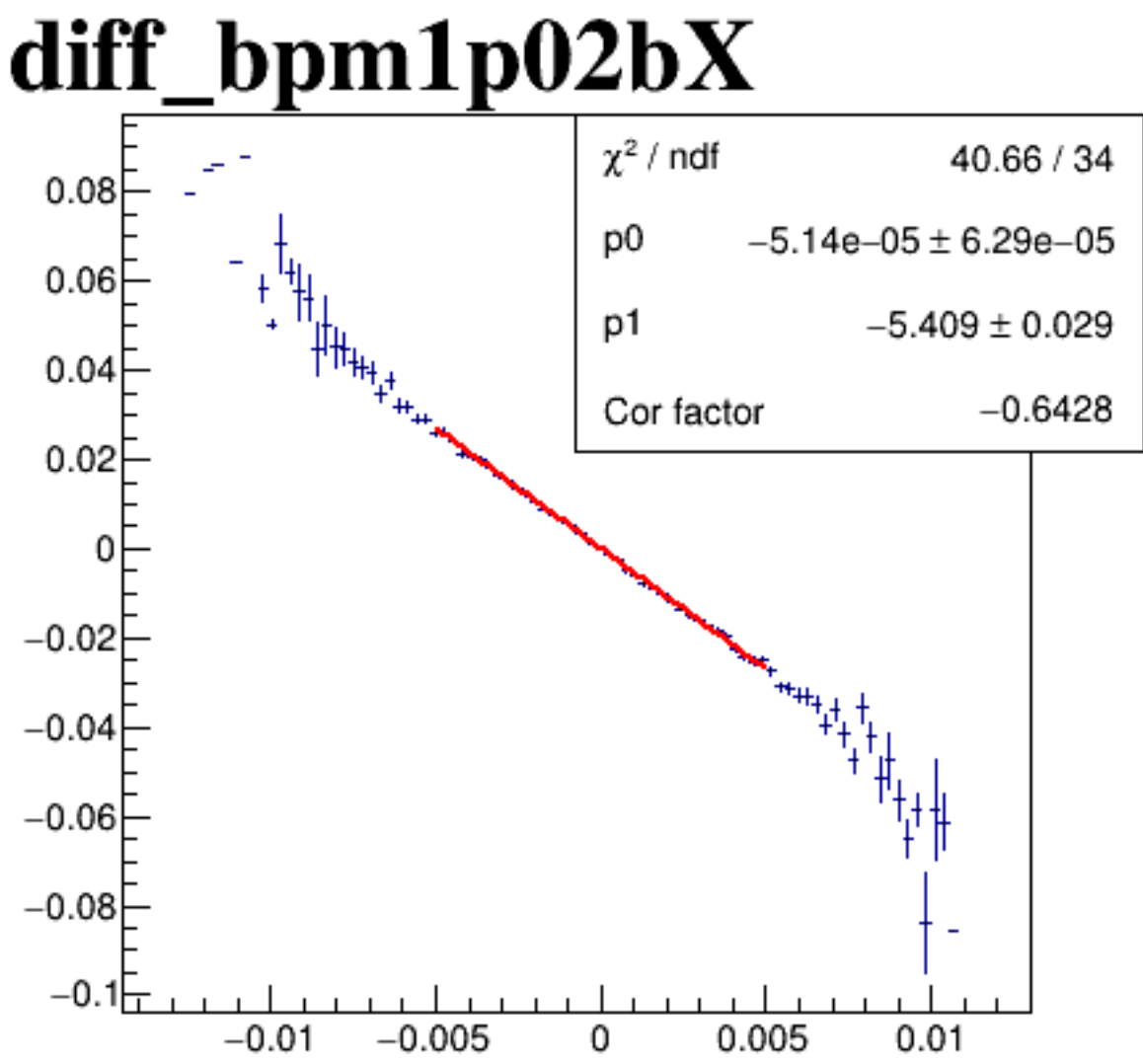


diff_bpm12X

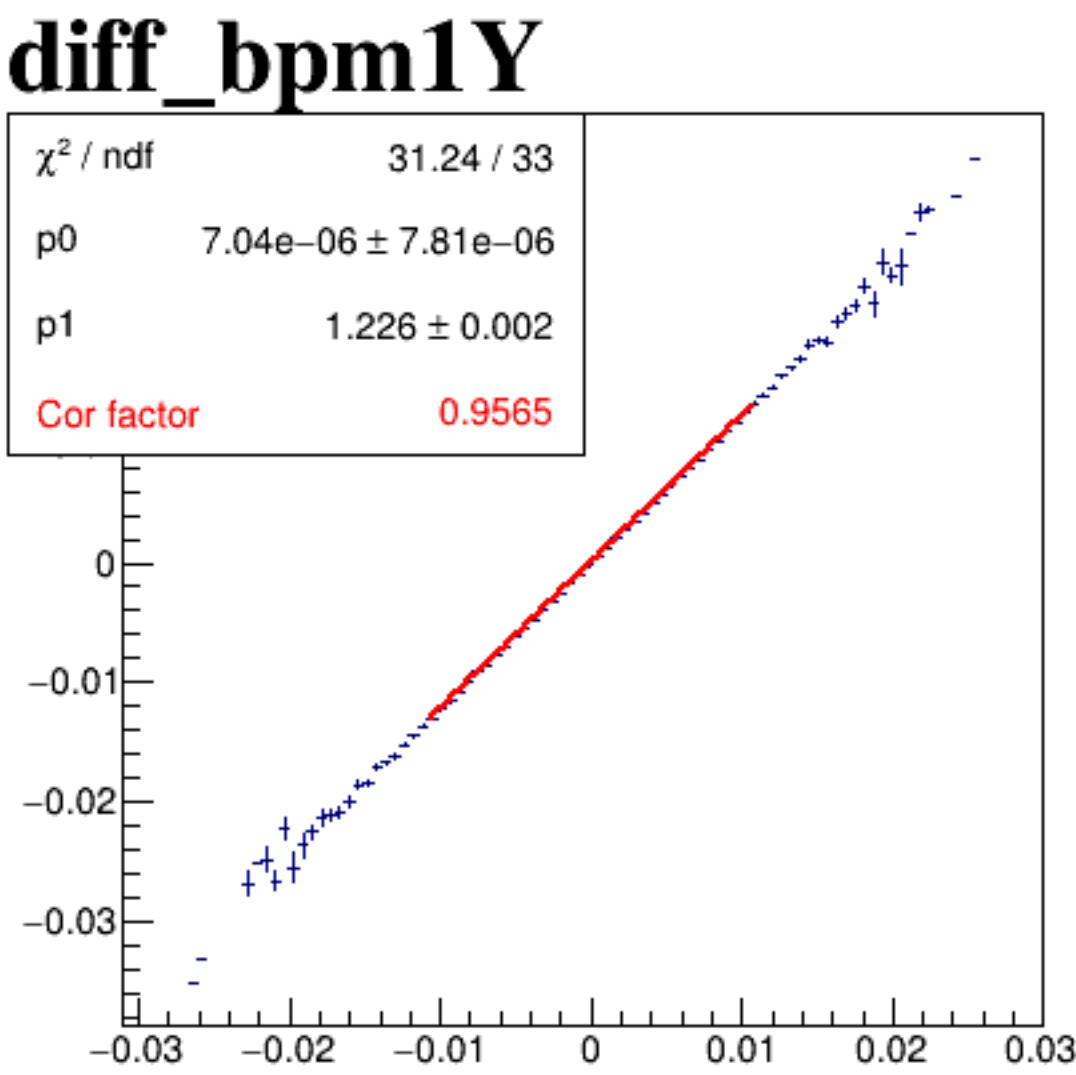
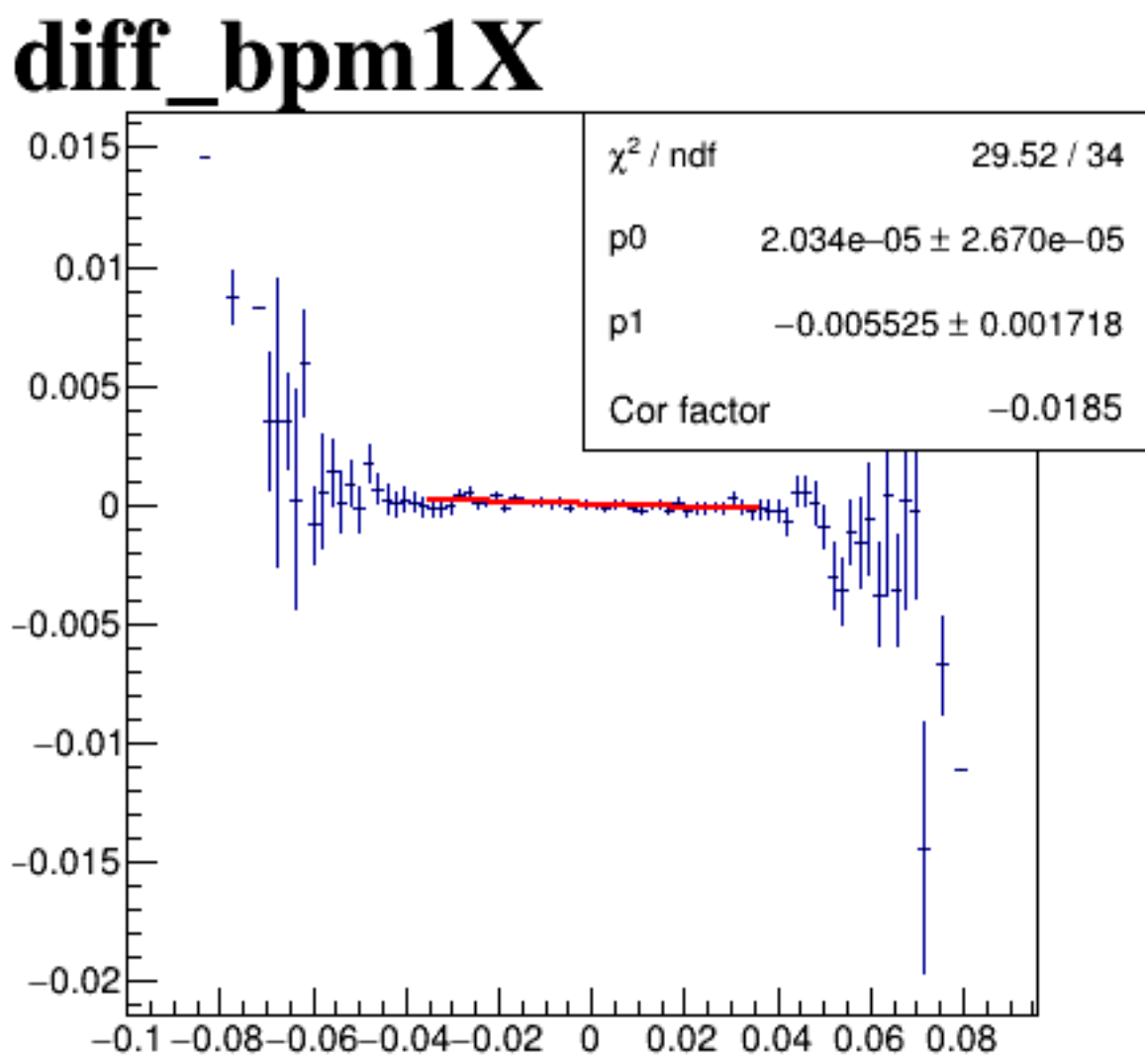
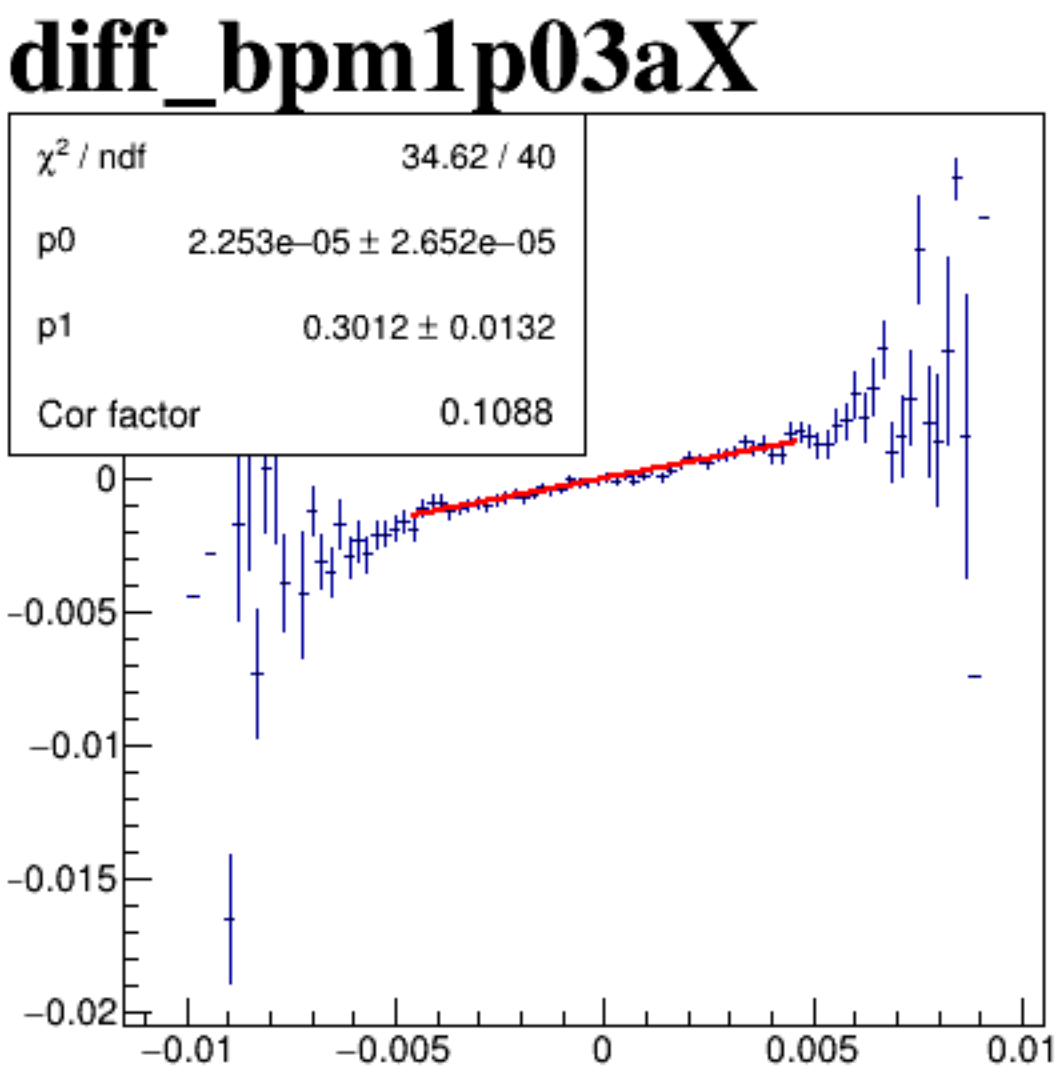
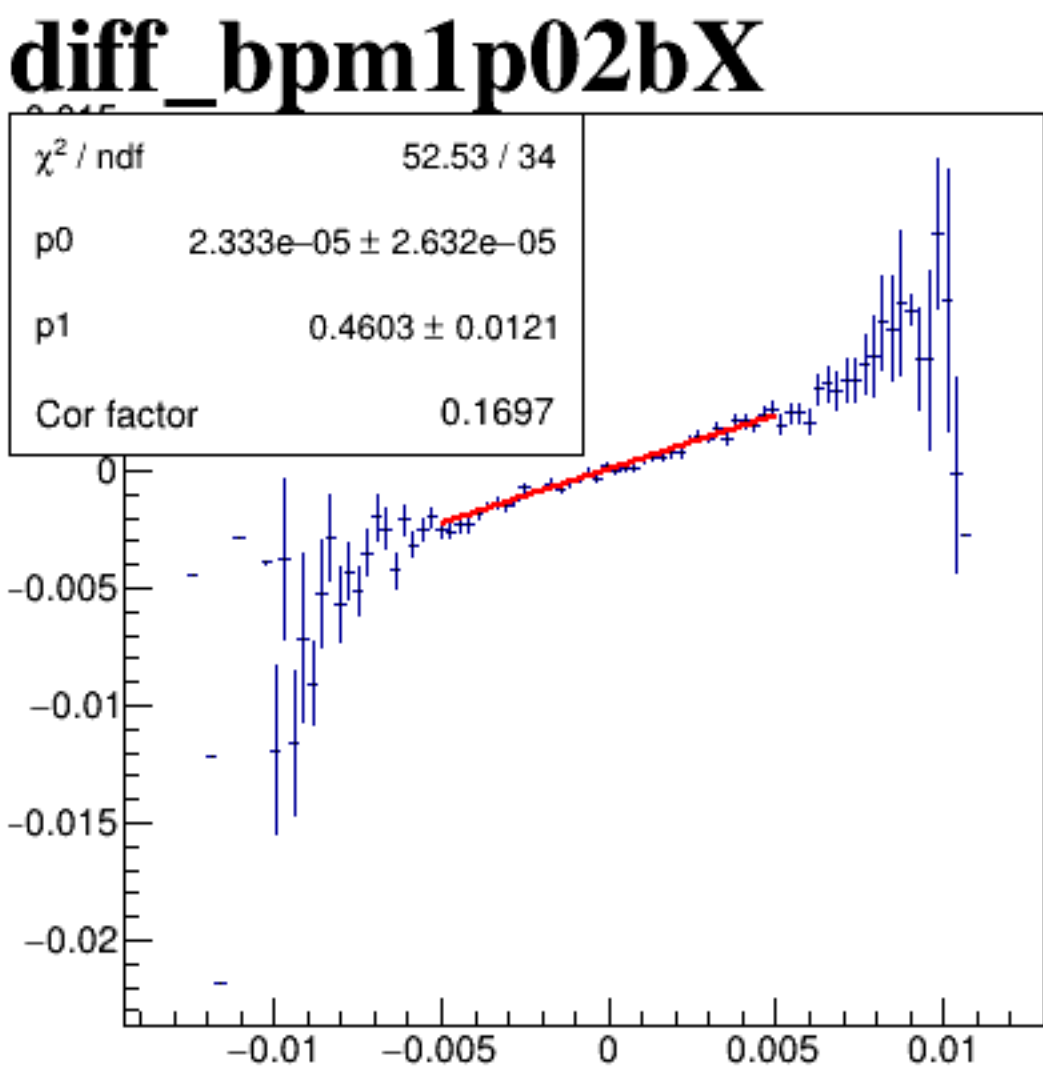


run8025_000_diff_bpm_mutual_correlation_COLZ_upstream.png

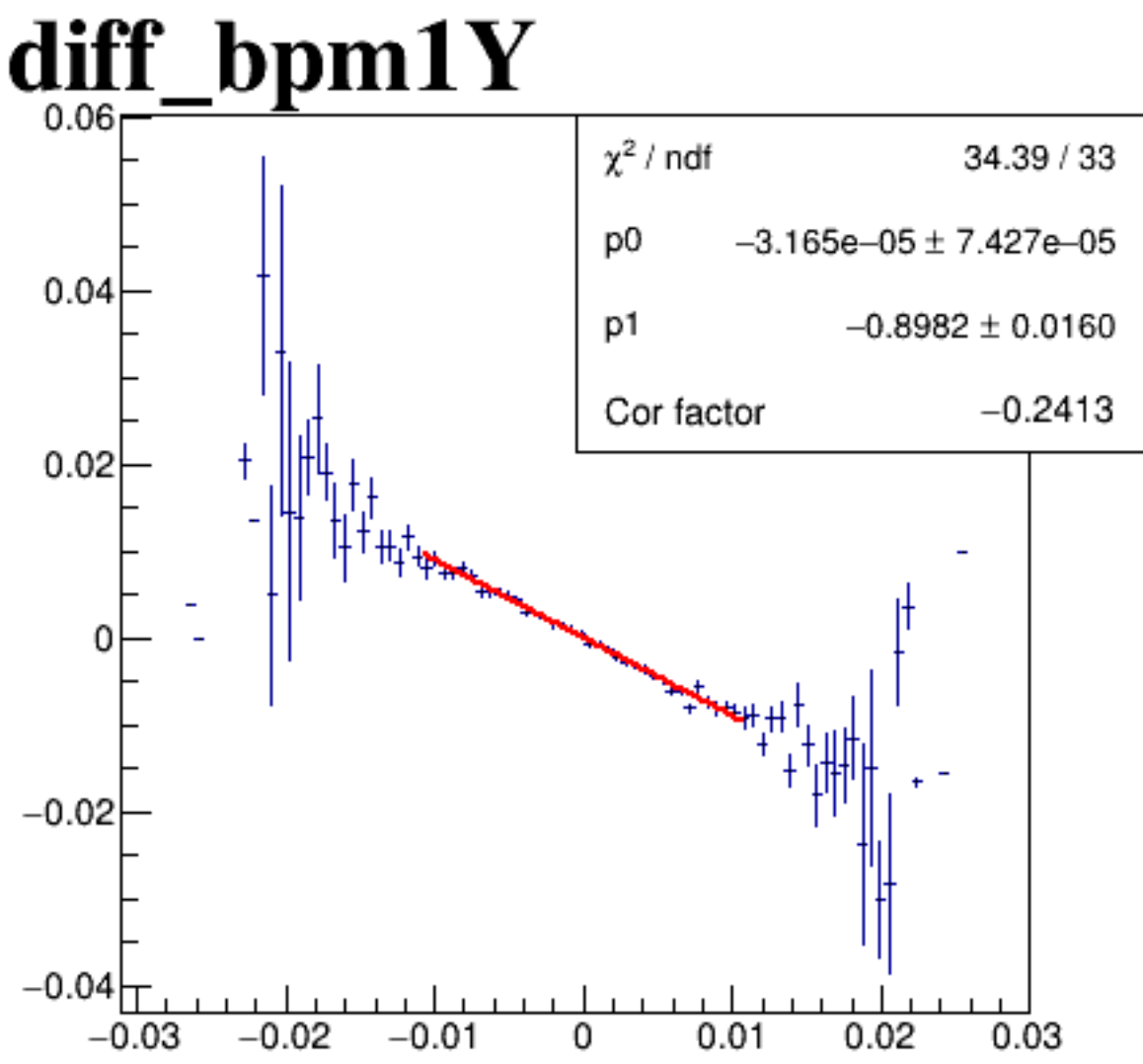
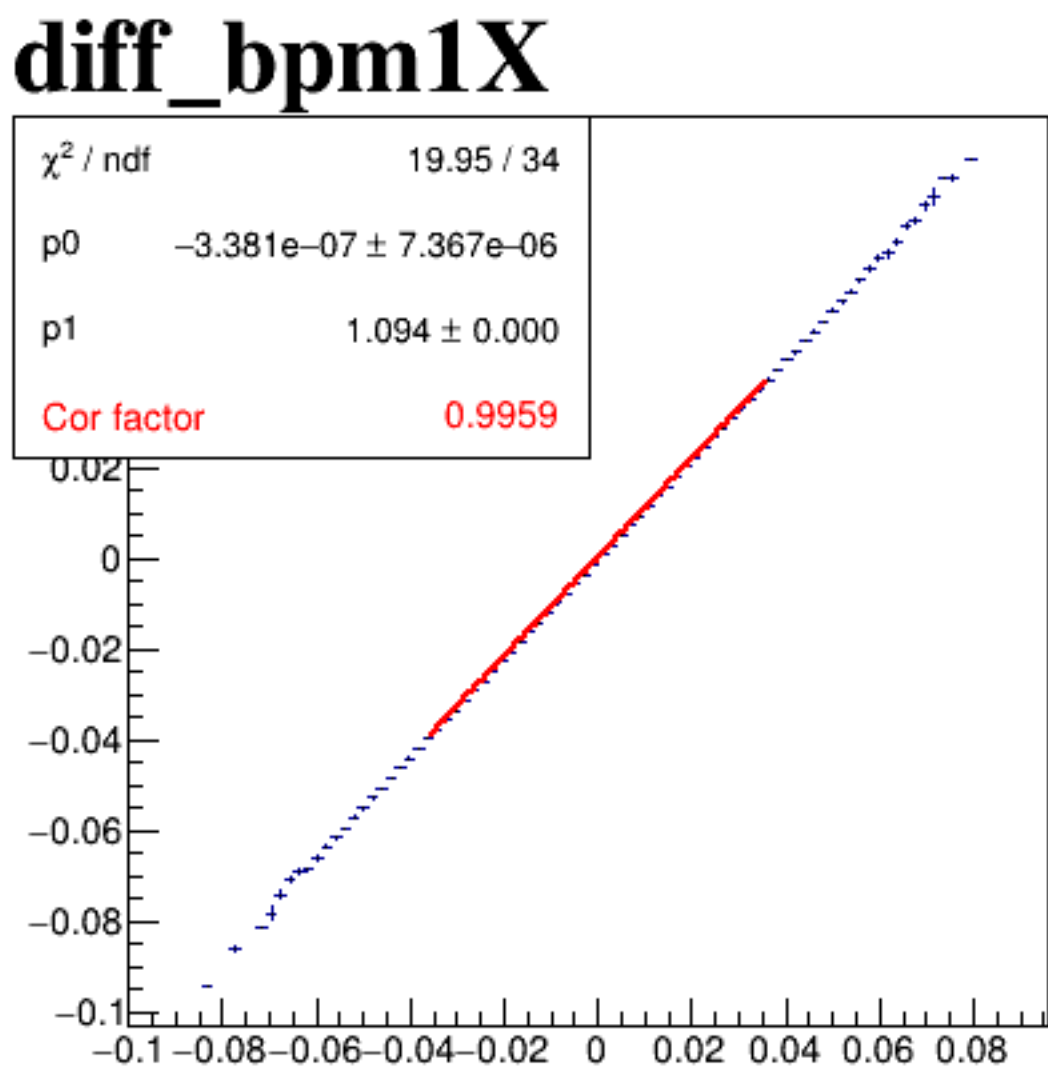
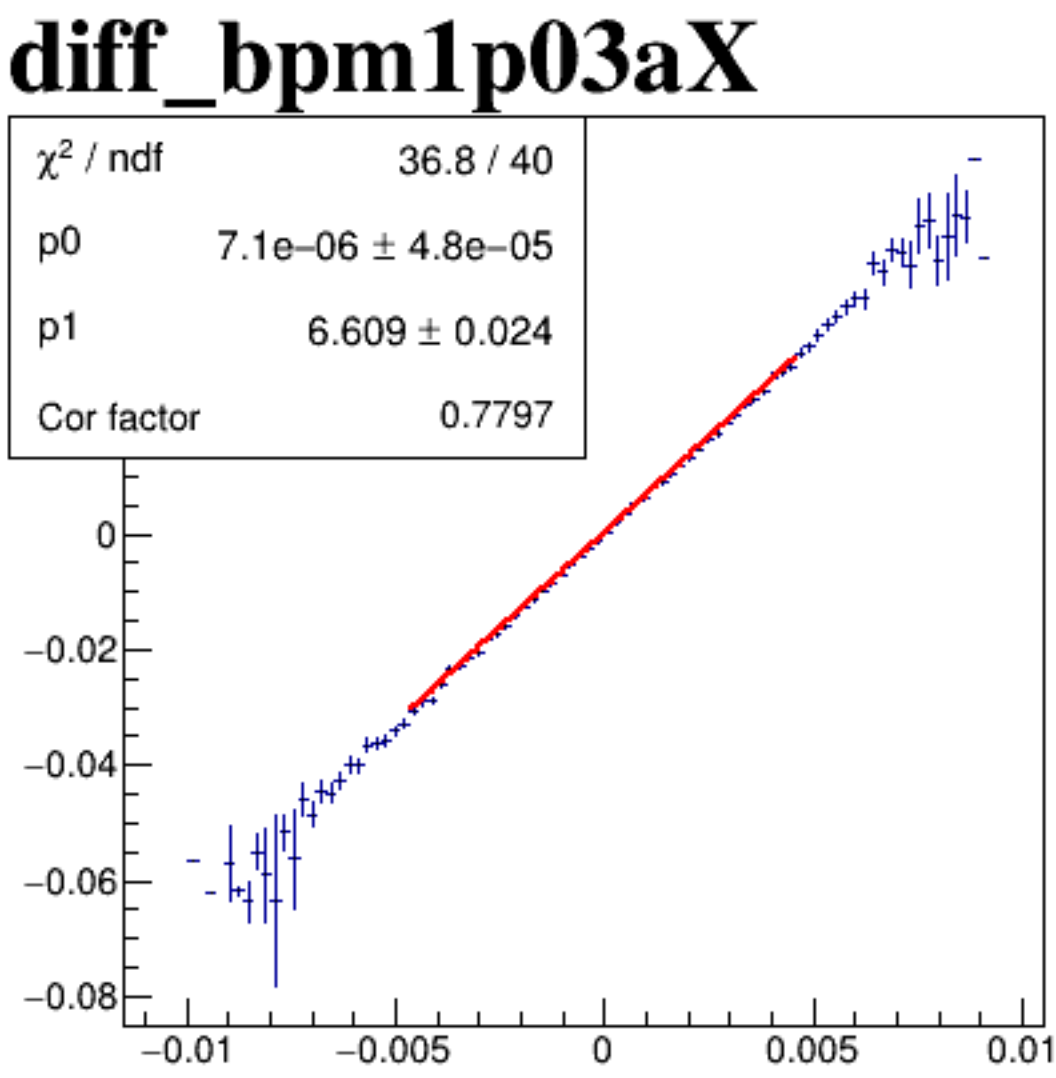
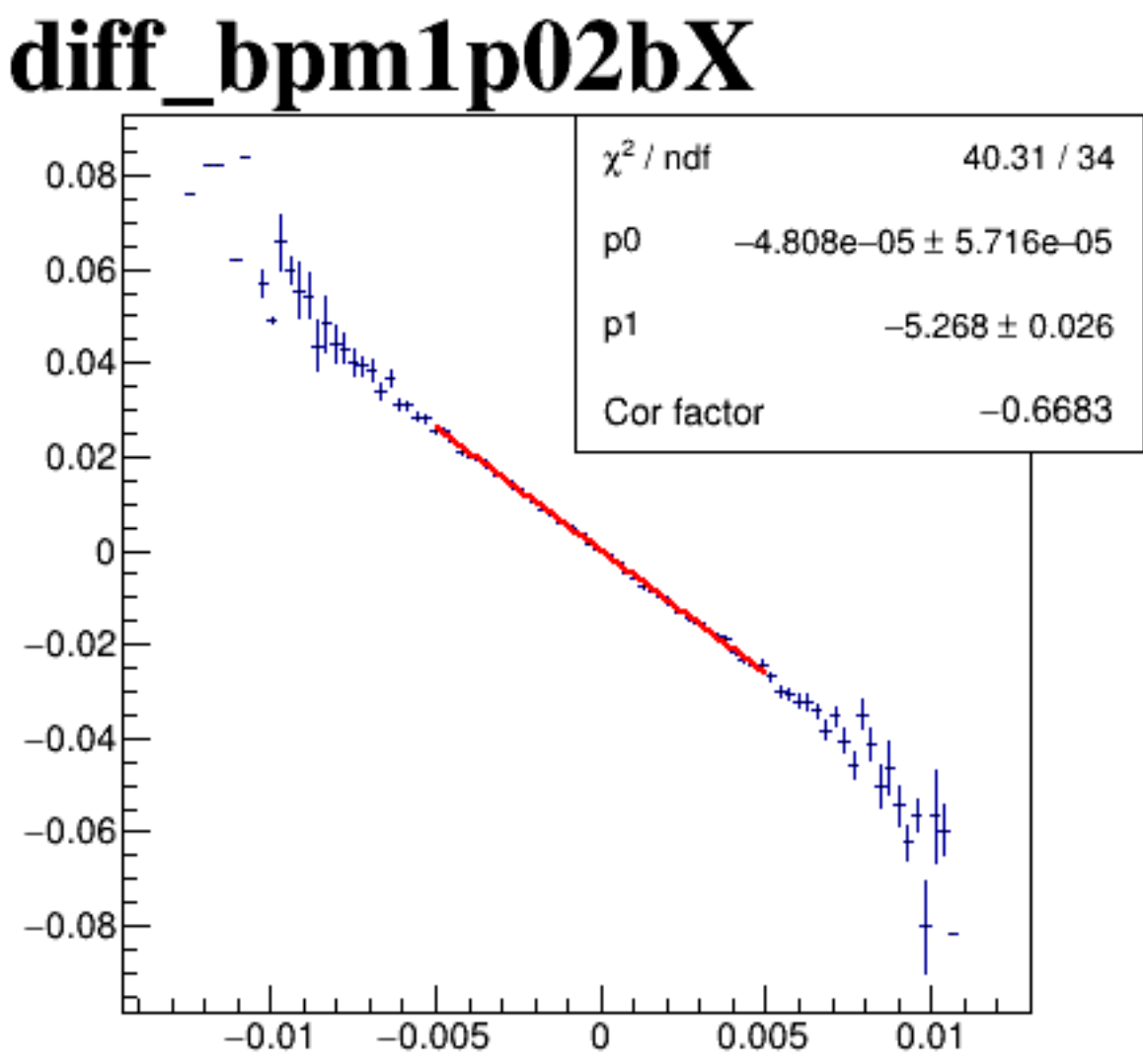
diff_bpm4aX



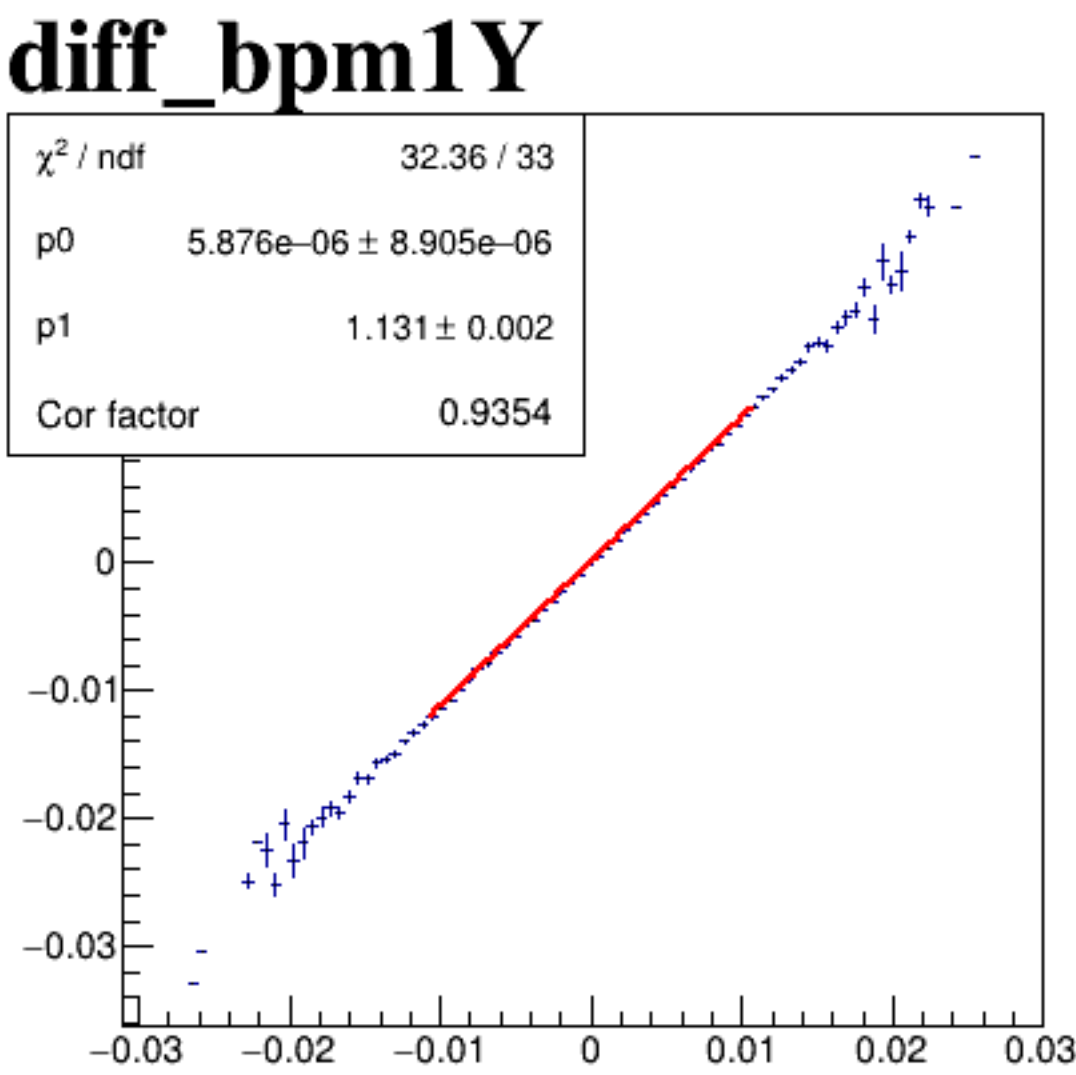
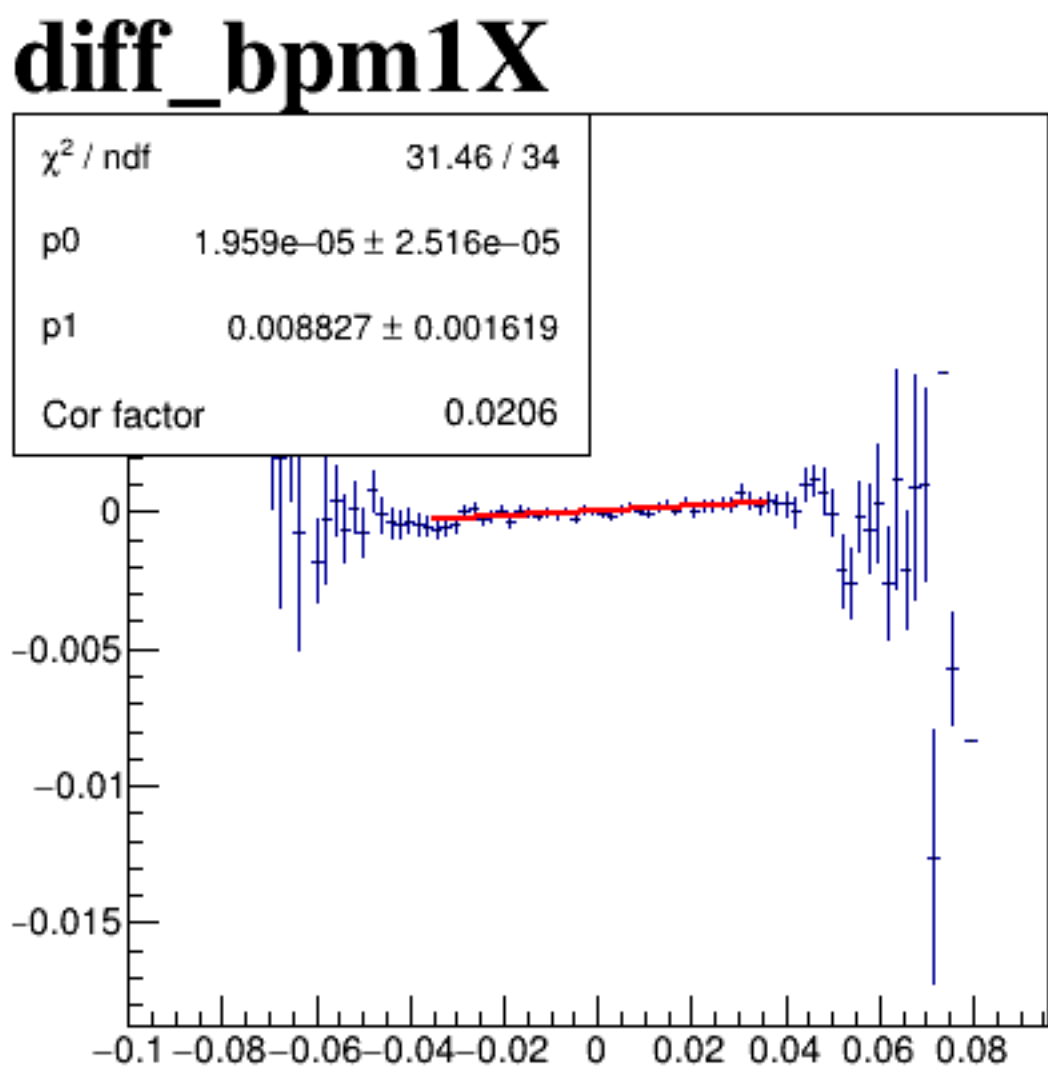
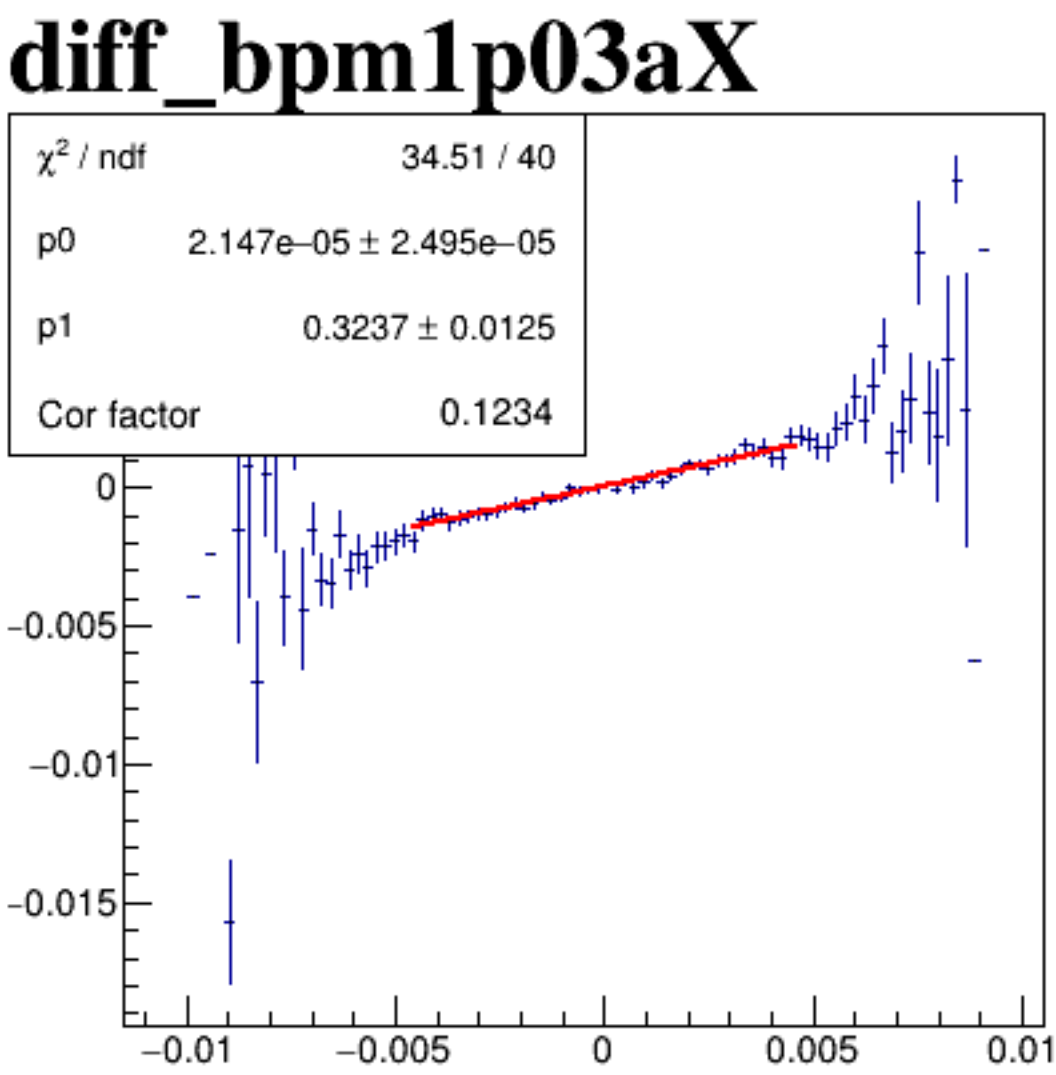
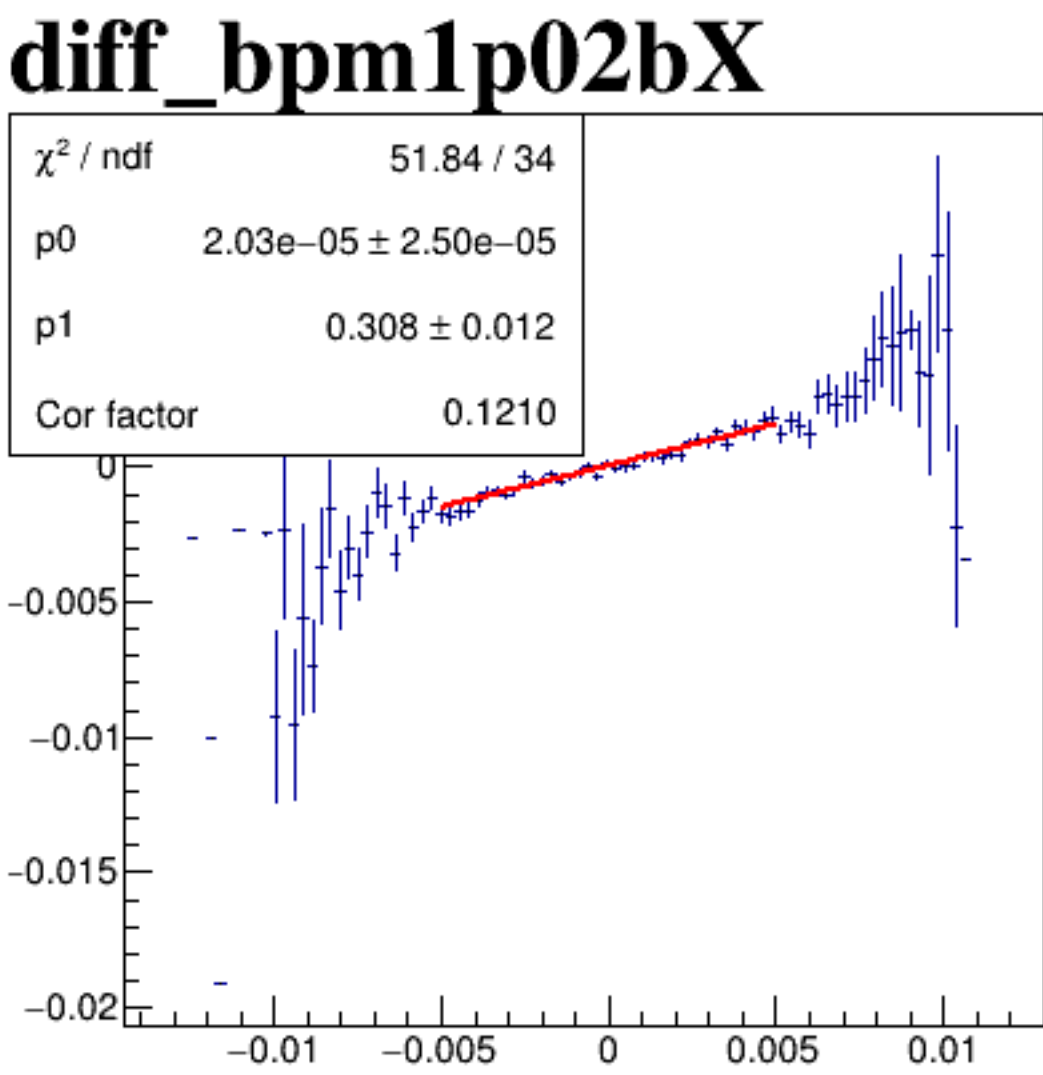
diff_bpm4aY



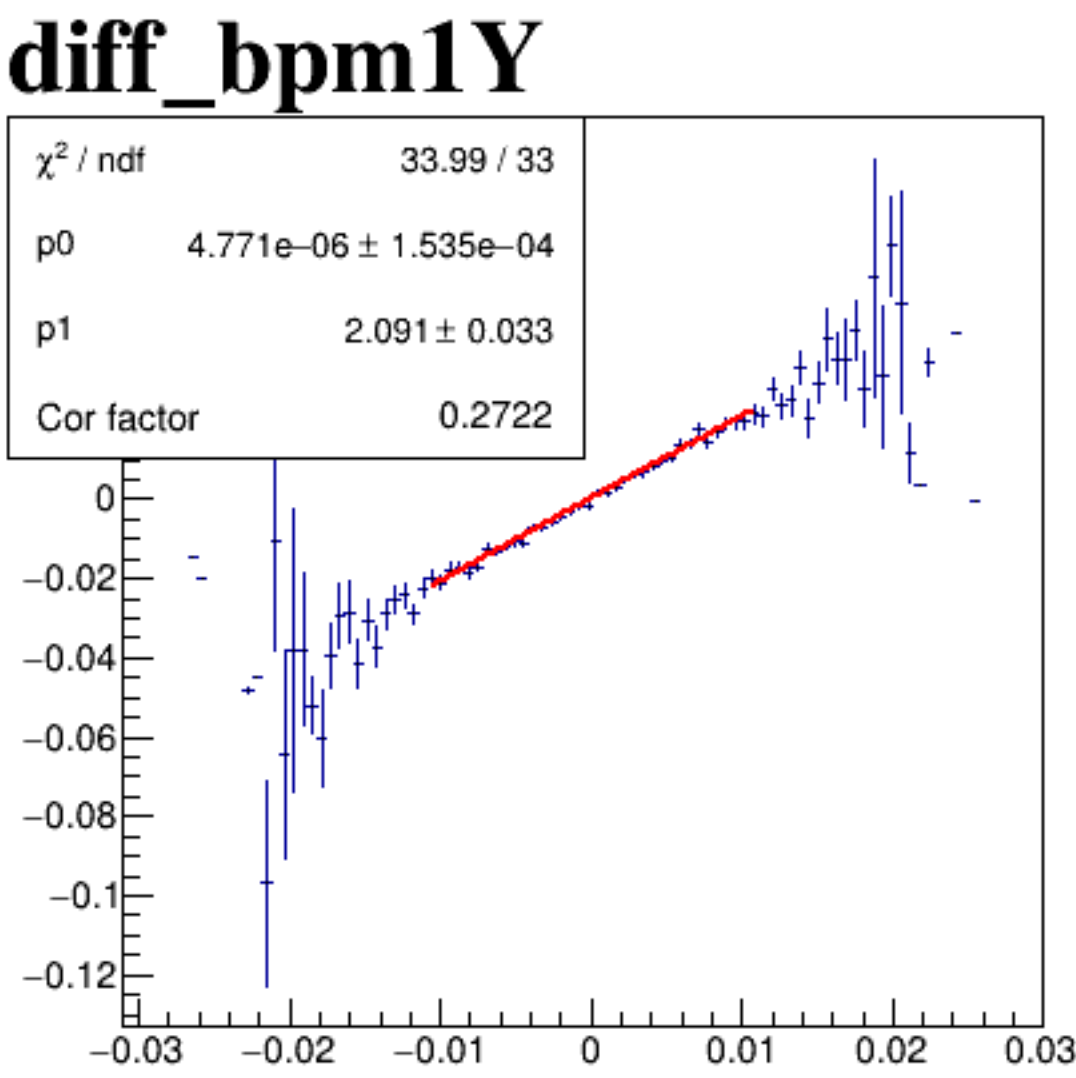
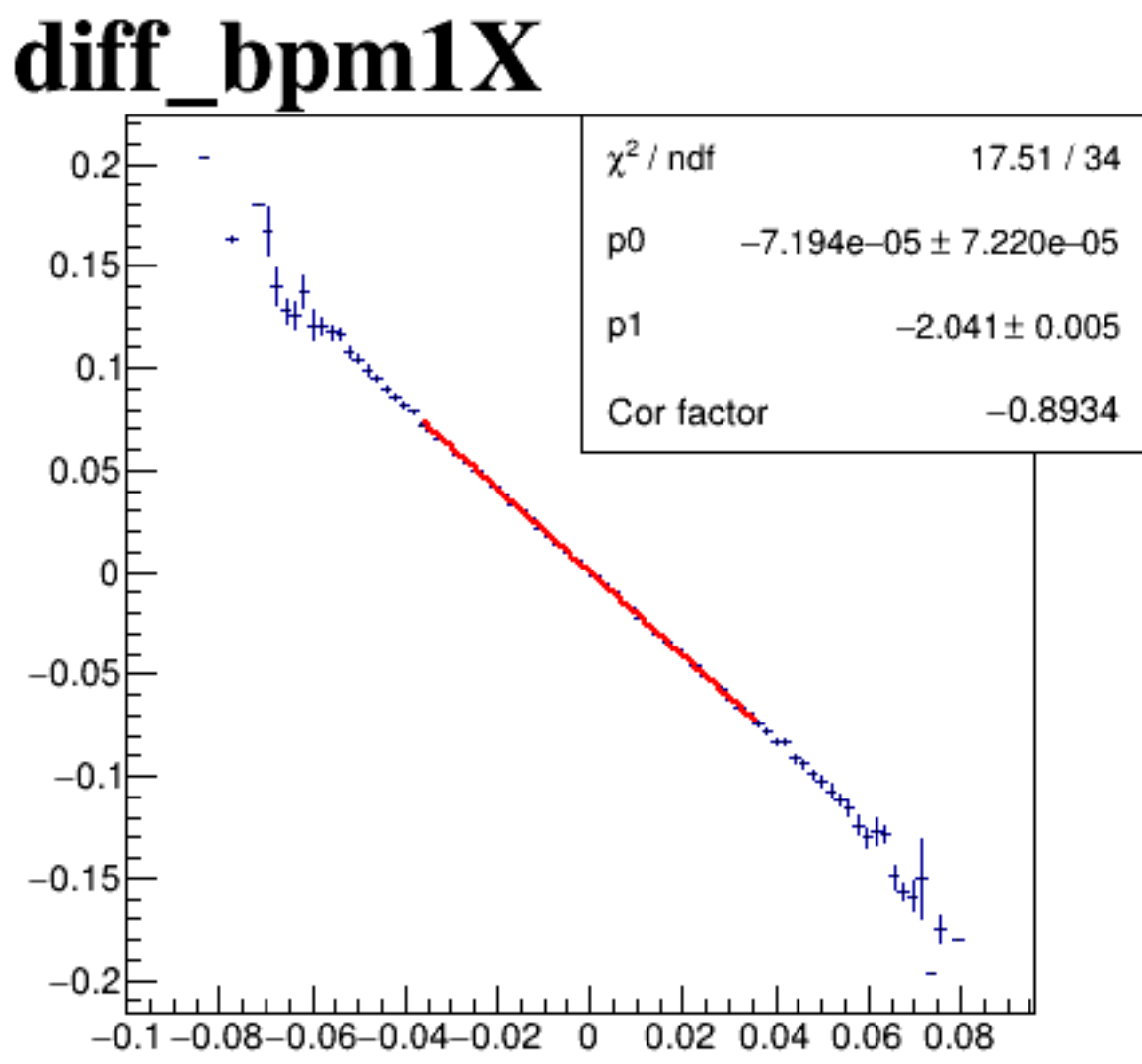
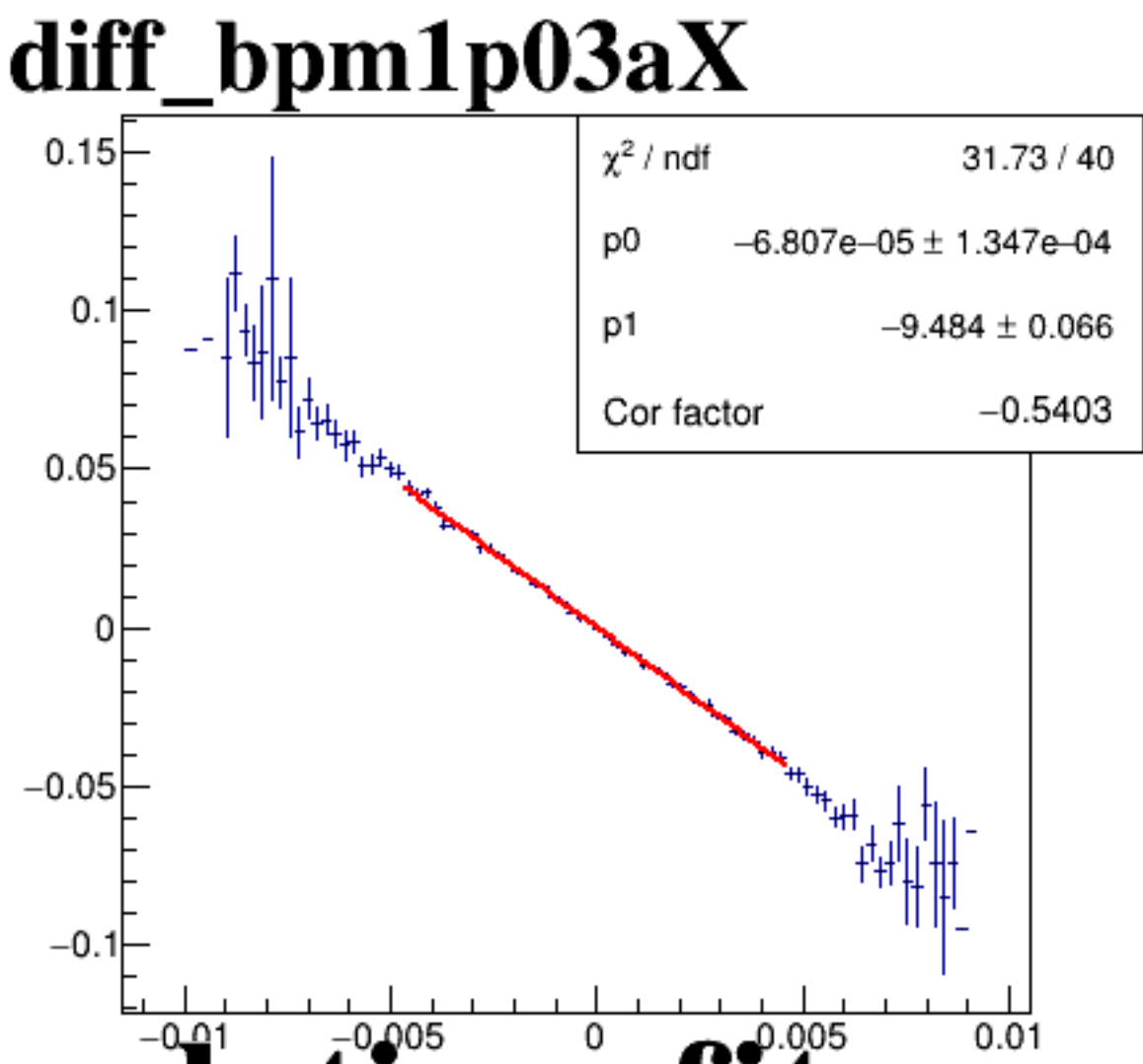
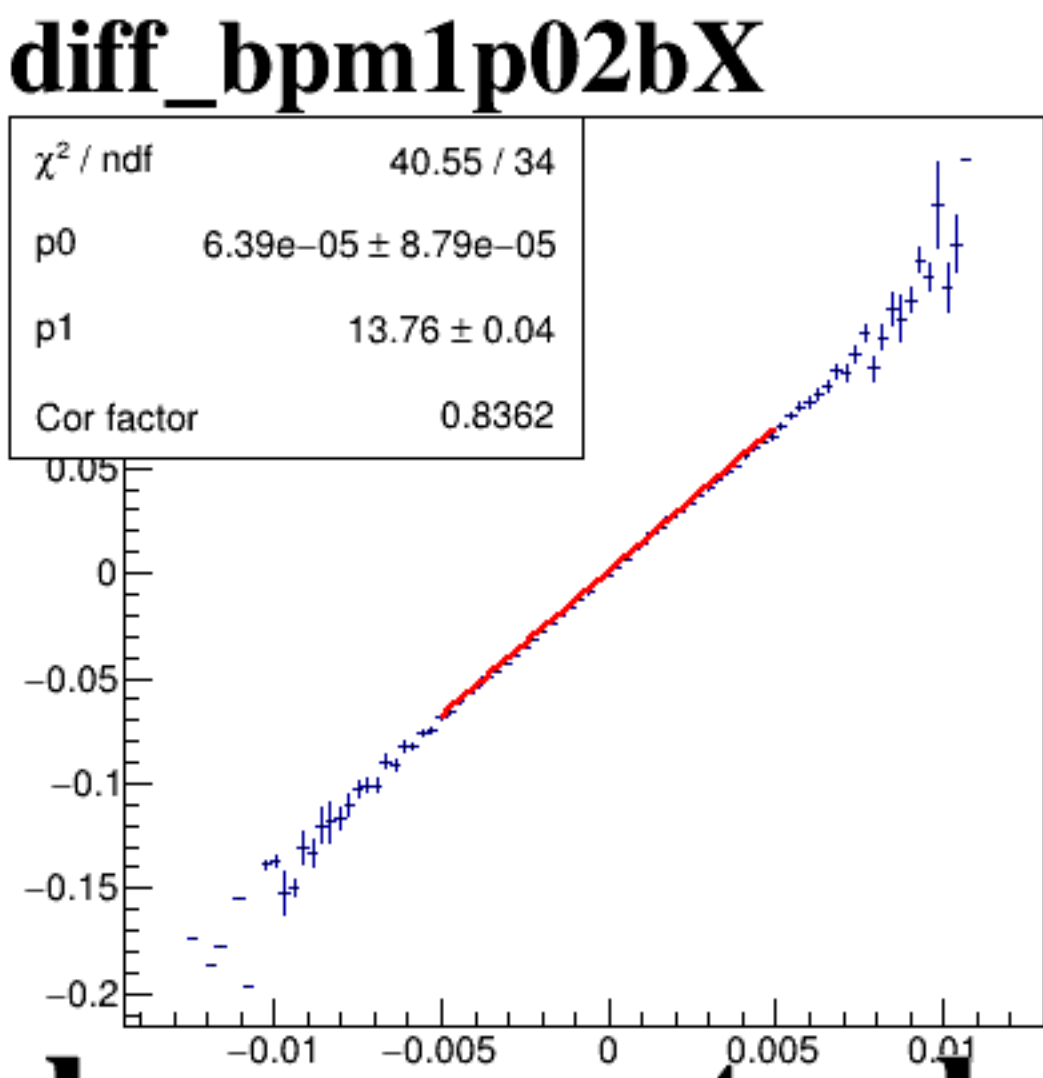
diff_bpm4eX



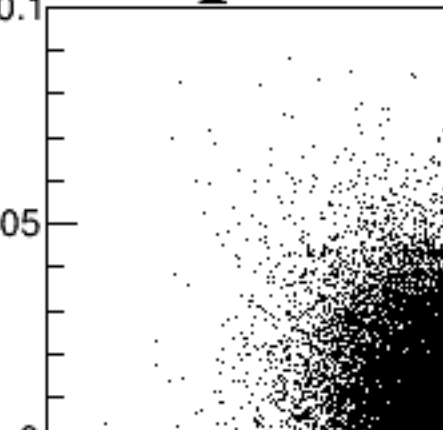
diff_bpm4eY



diff_bpm12X



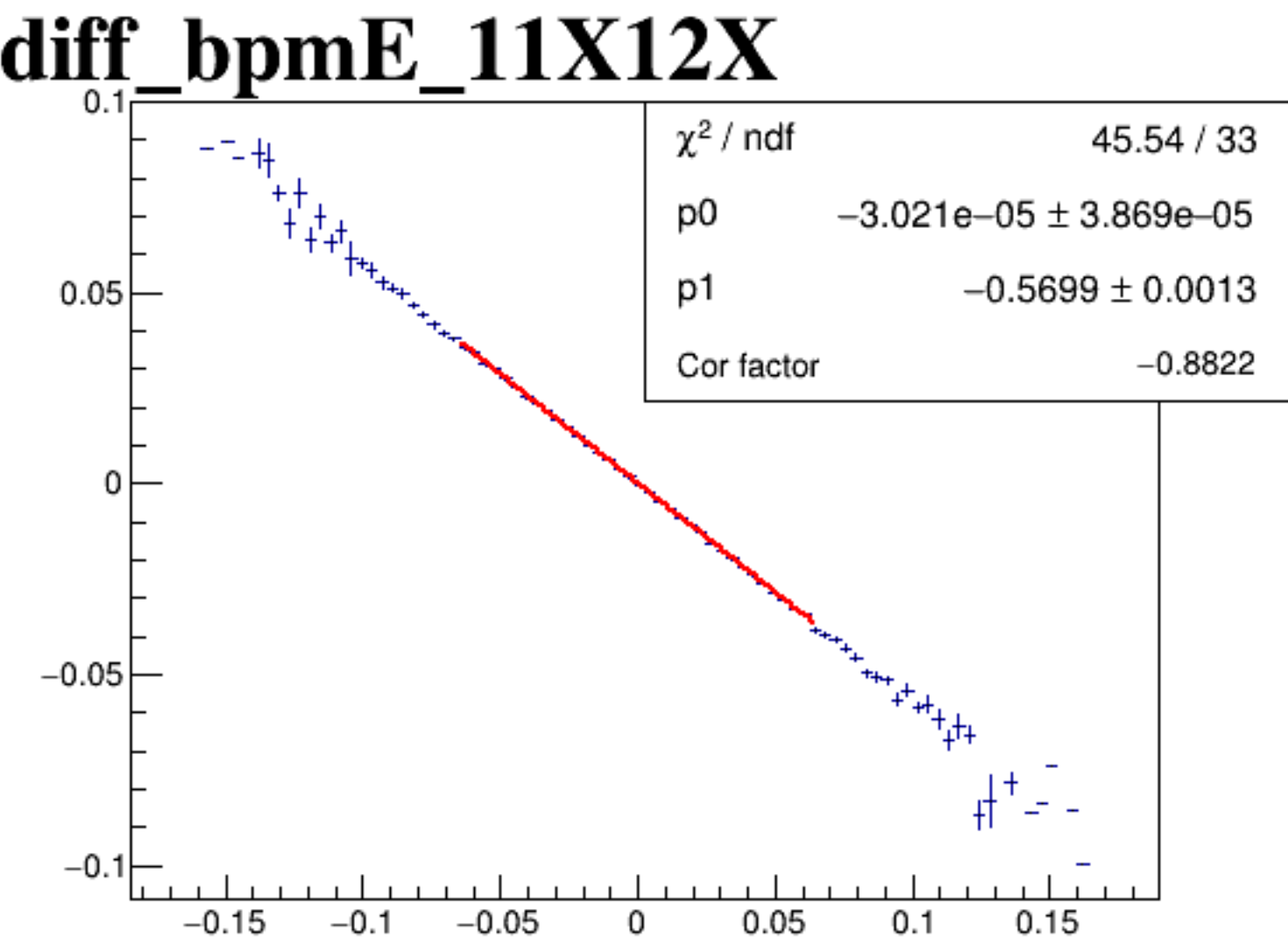
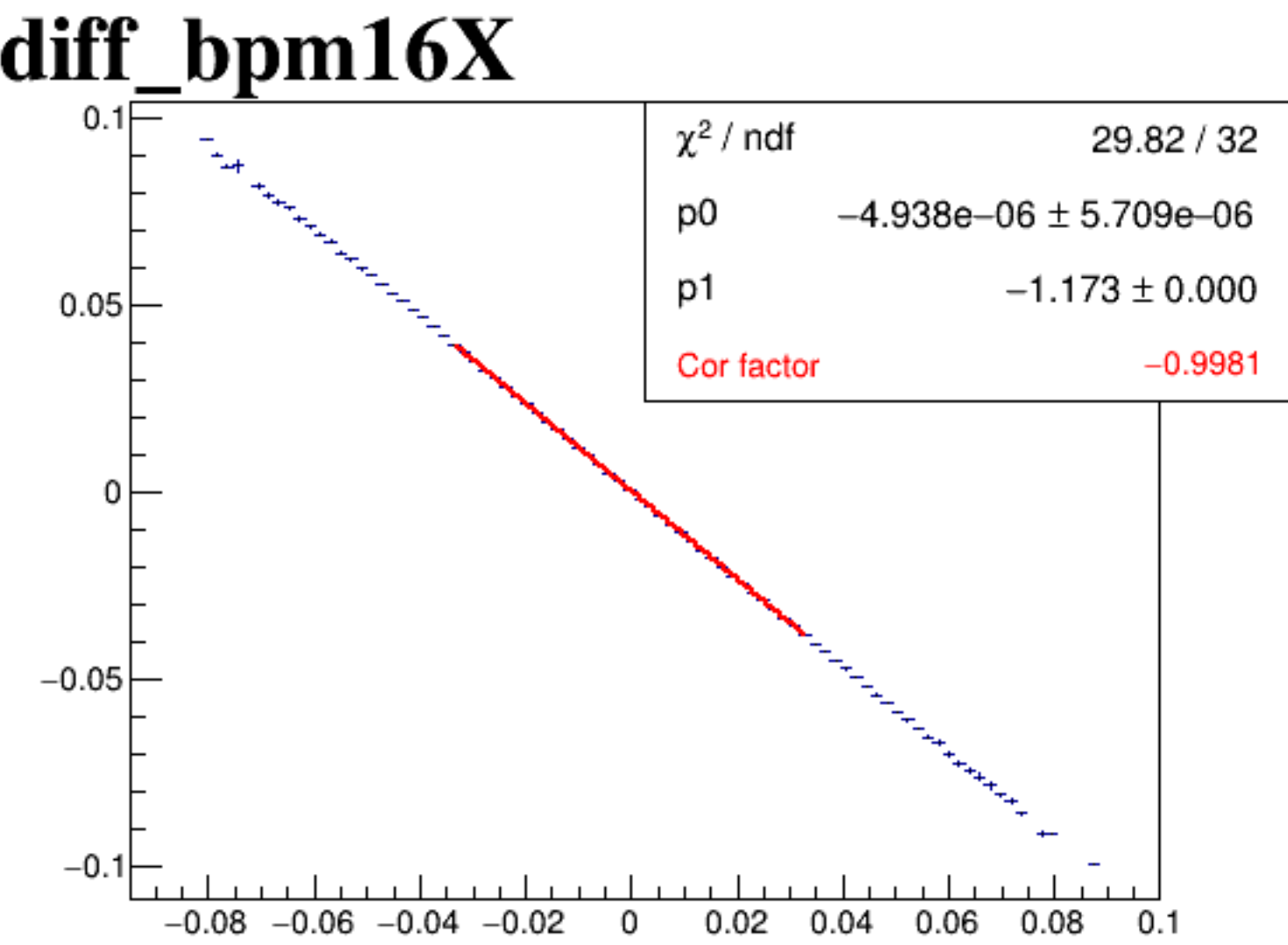
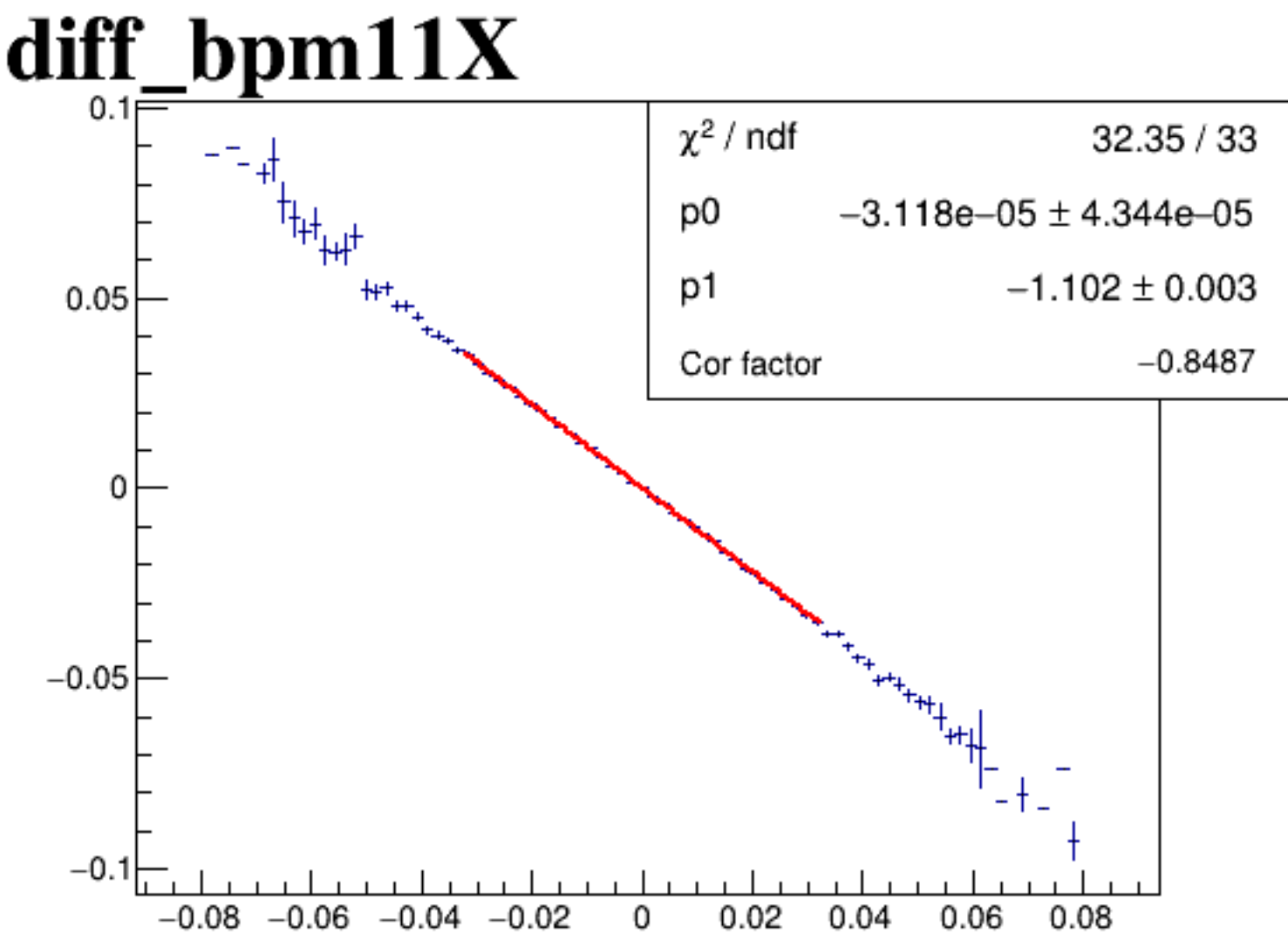
A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.03 to 0.03. The y-axis ranges from -0.1 to 0.1.



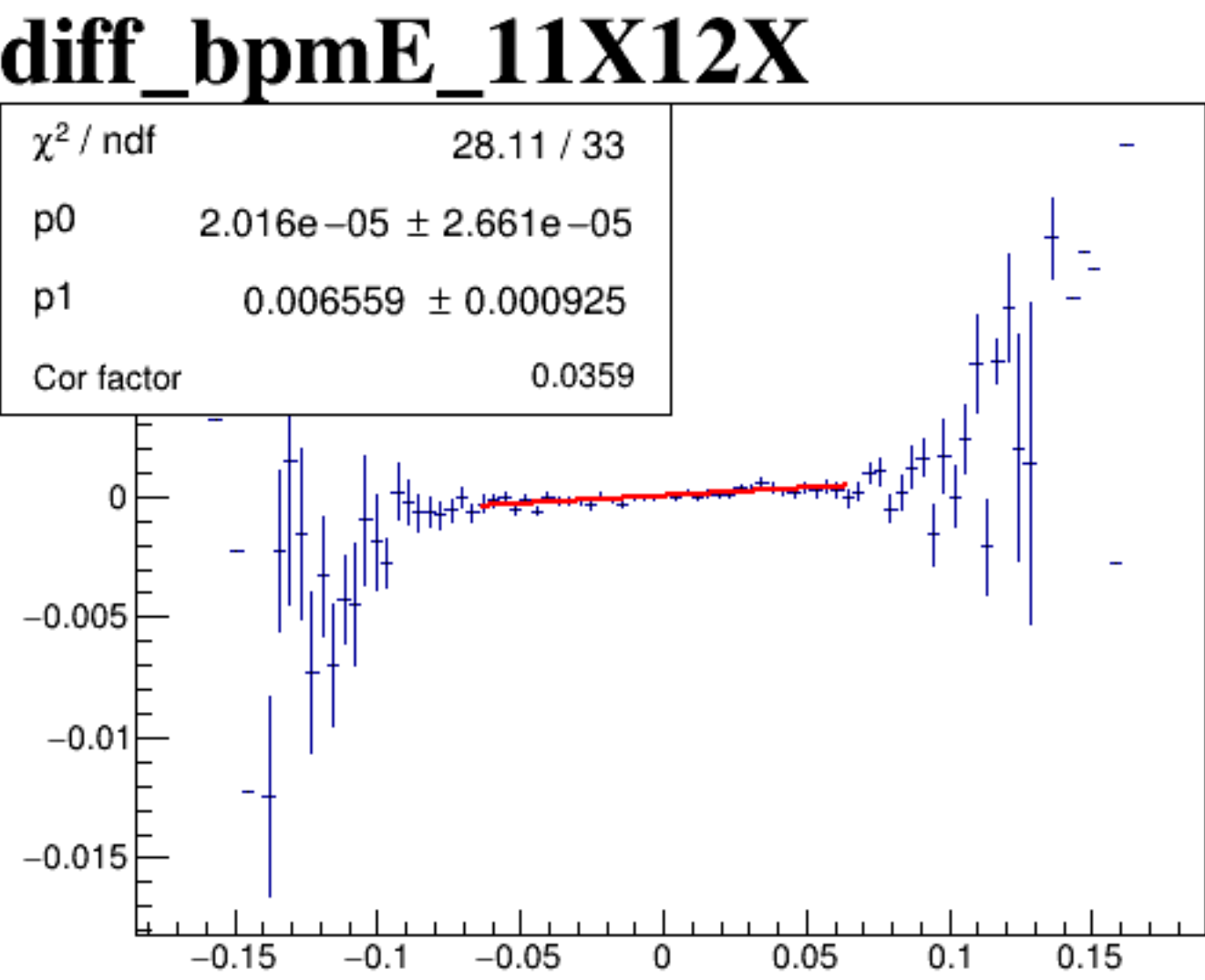
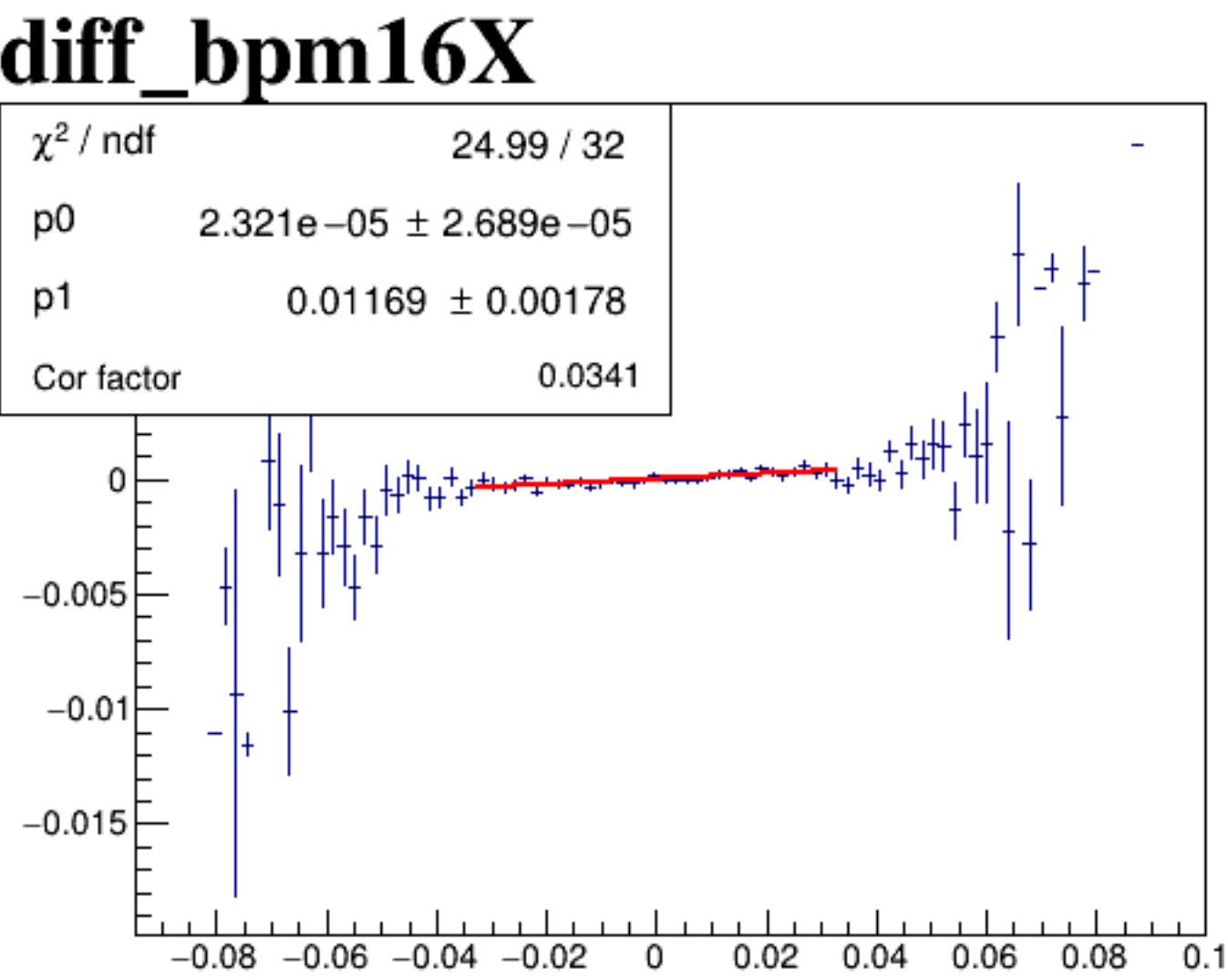
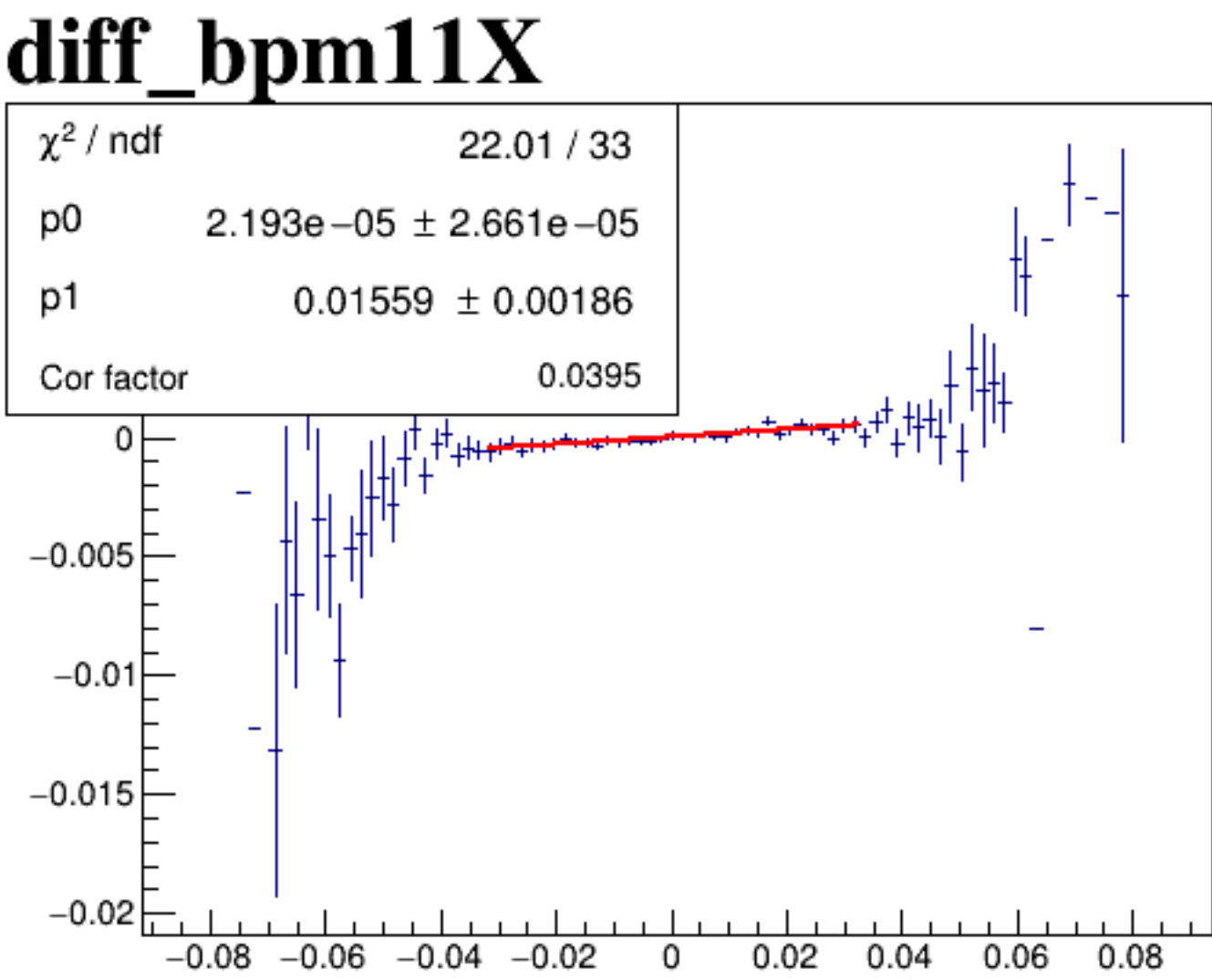
A scatter plot showing the relationship between `diff_bpm1Y` (x-axis) and `diff_bpm1Y` (y-axis). The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation. The axes range from approximately -0.03 to 0.03 on the x-axis and -0.1 to 0.1 on the y-axis.

run8025_000_diff_bpm_mutual_correlation_COLZ_ArcA.png

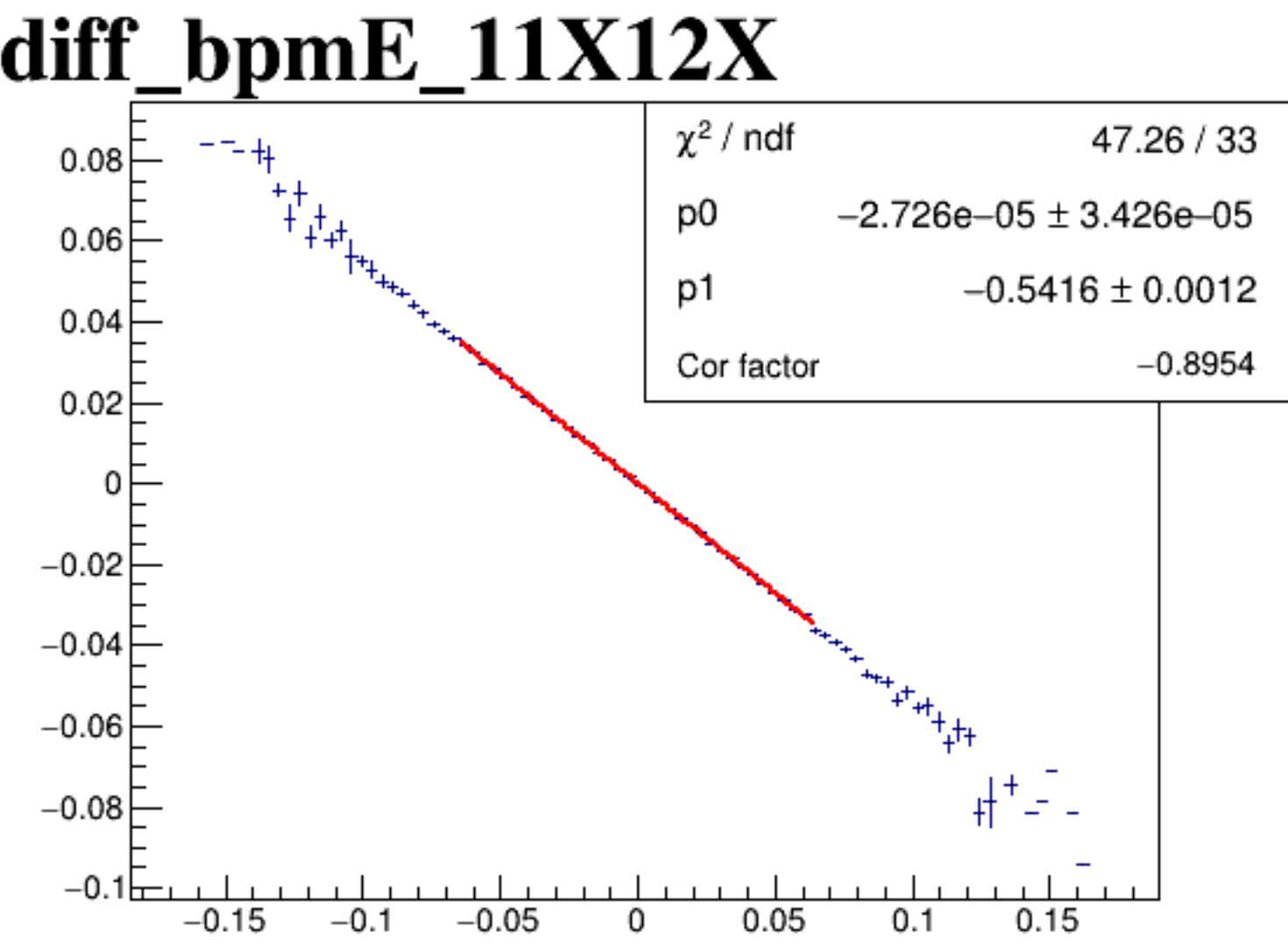
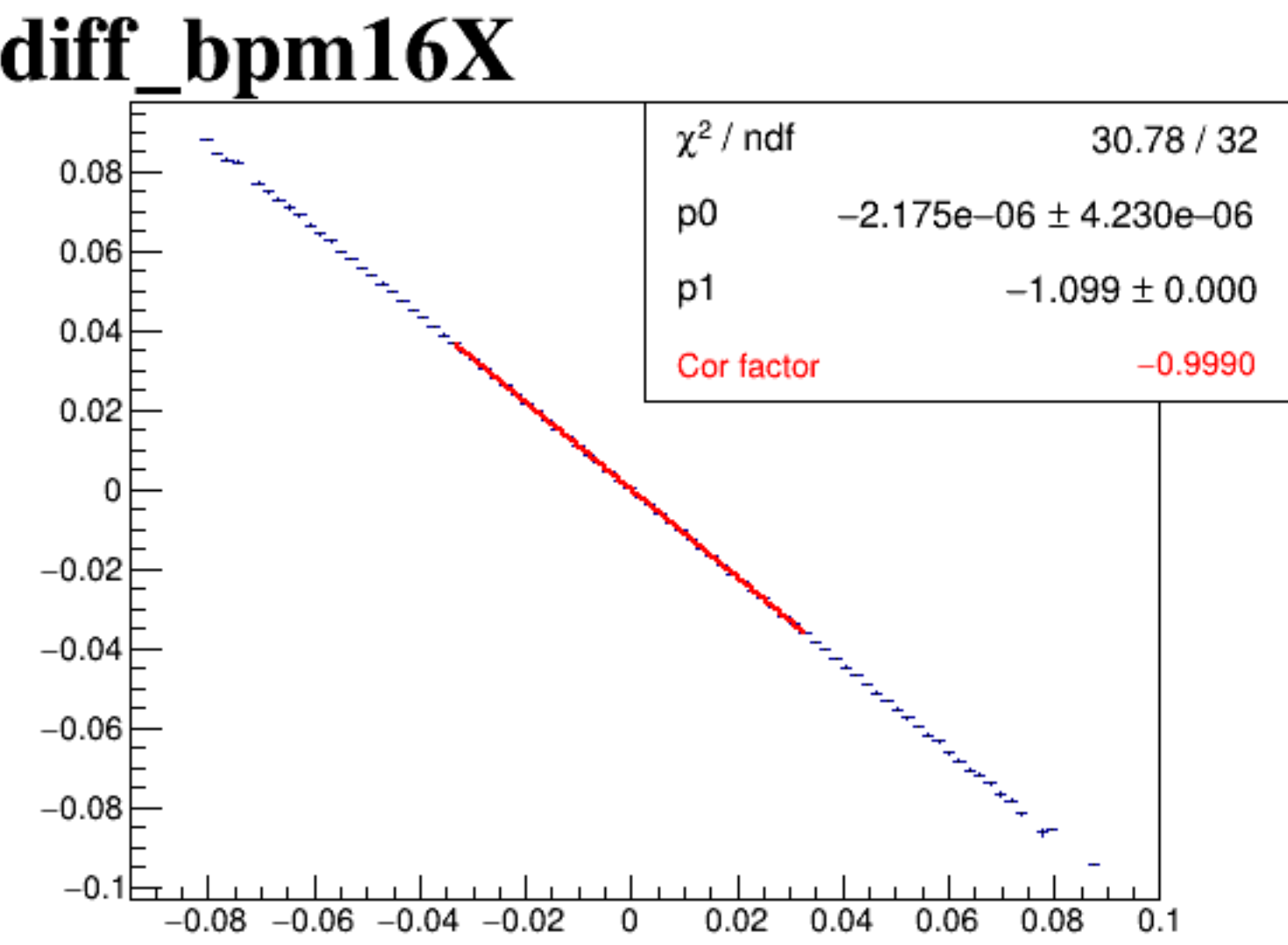
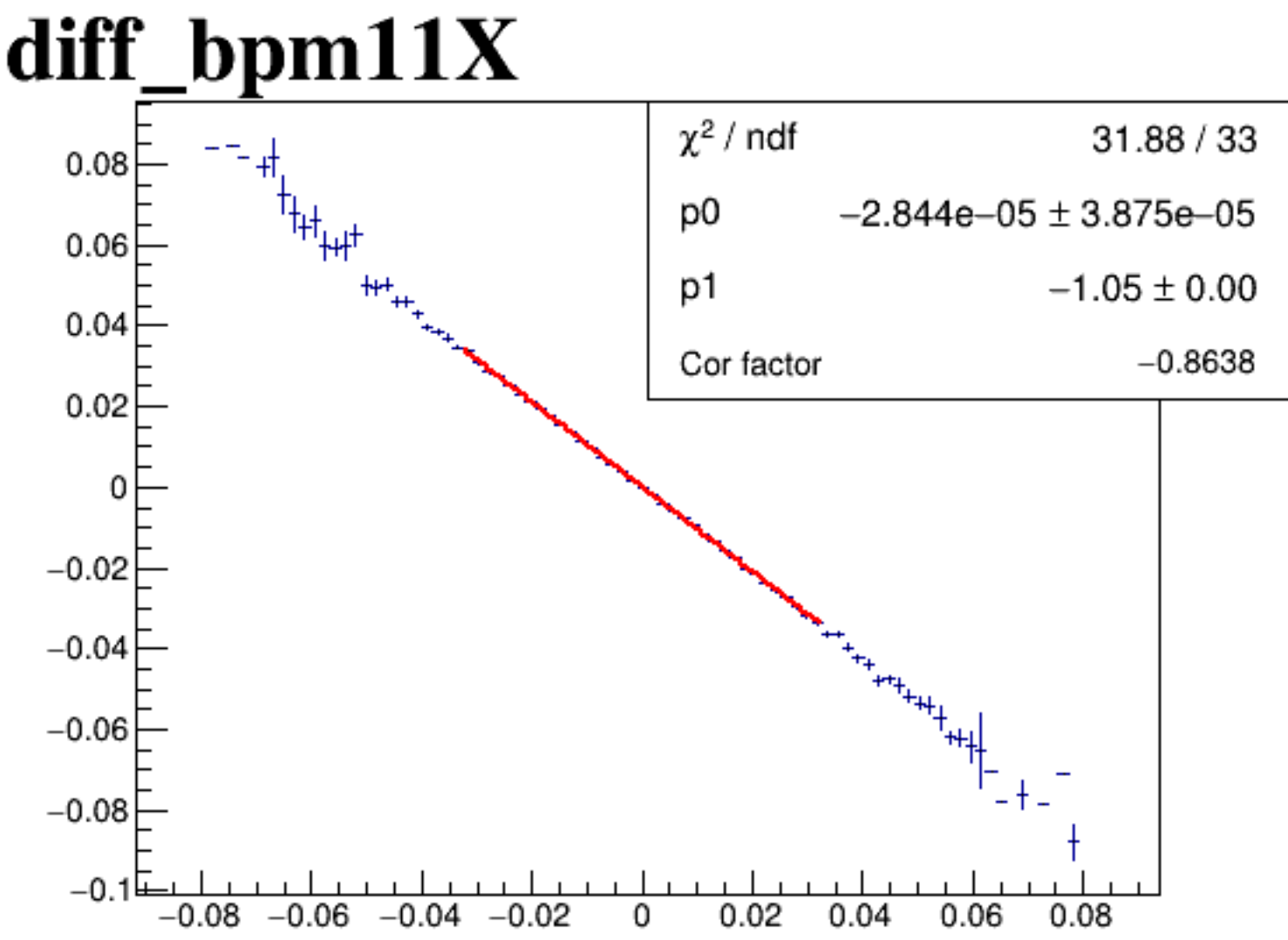
diff_bpm4aX



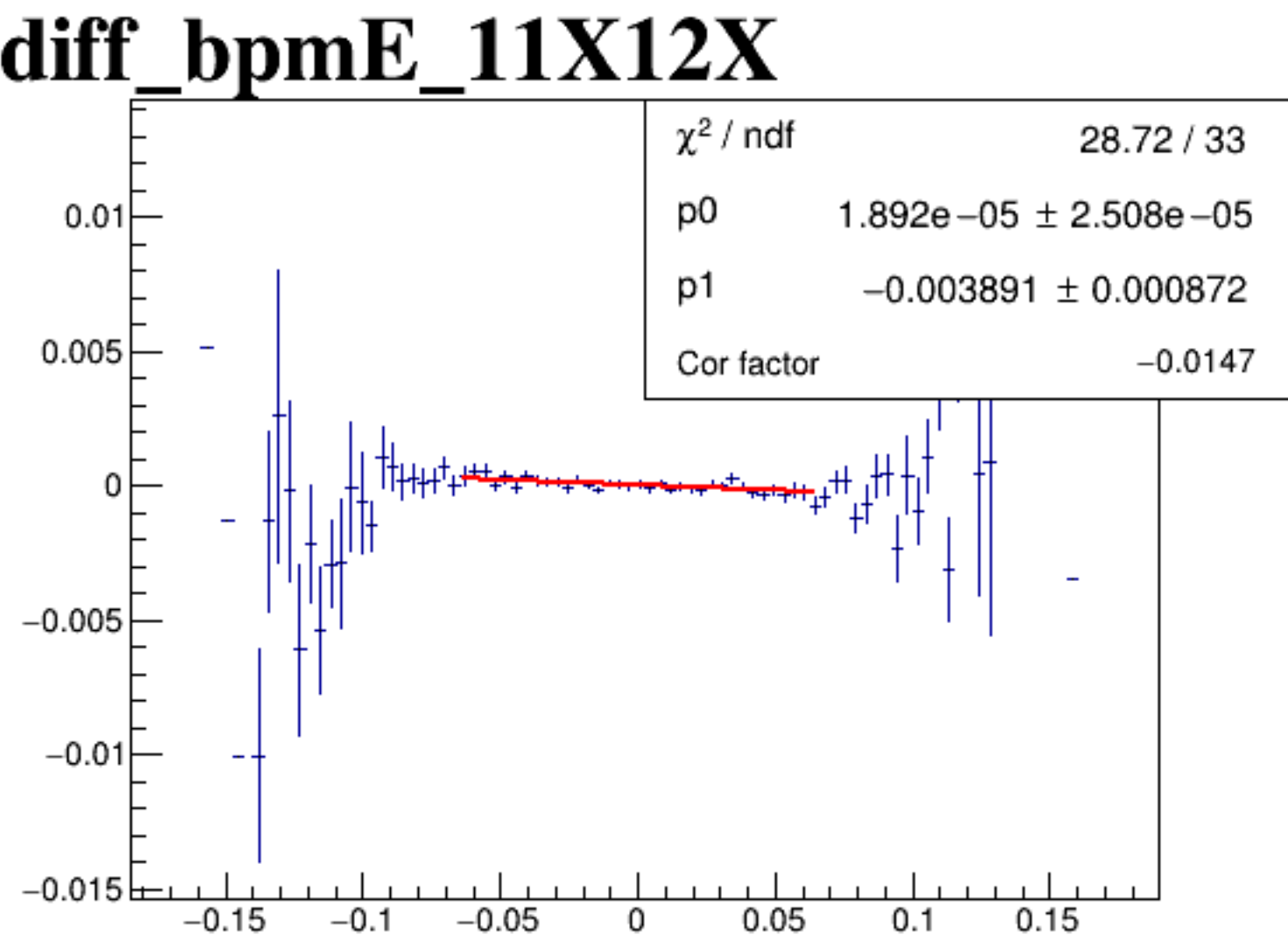
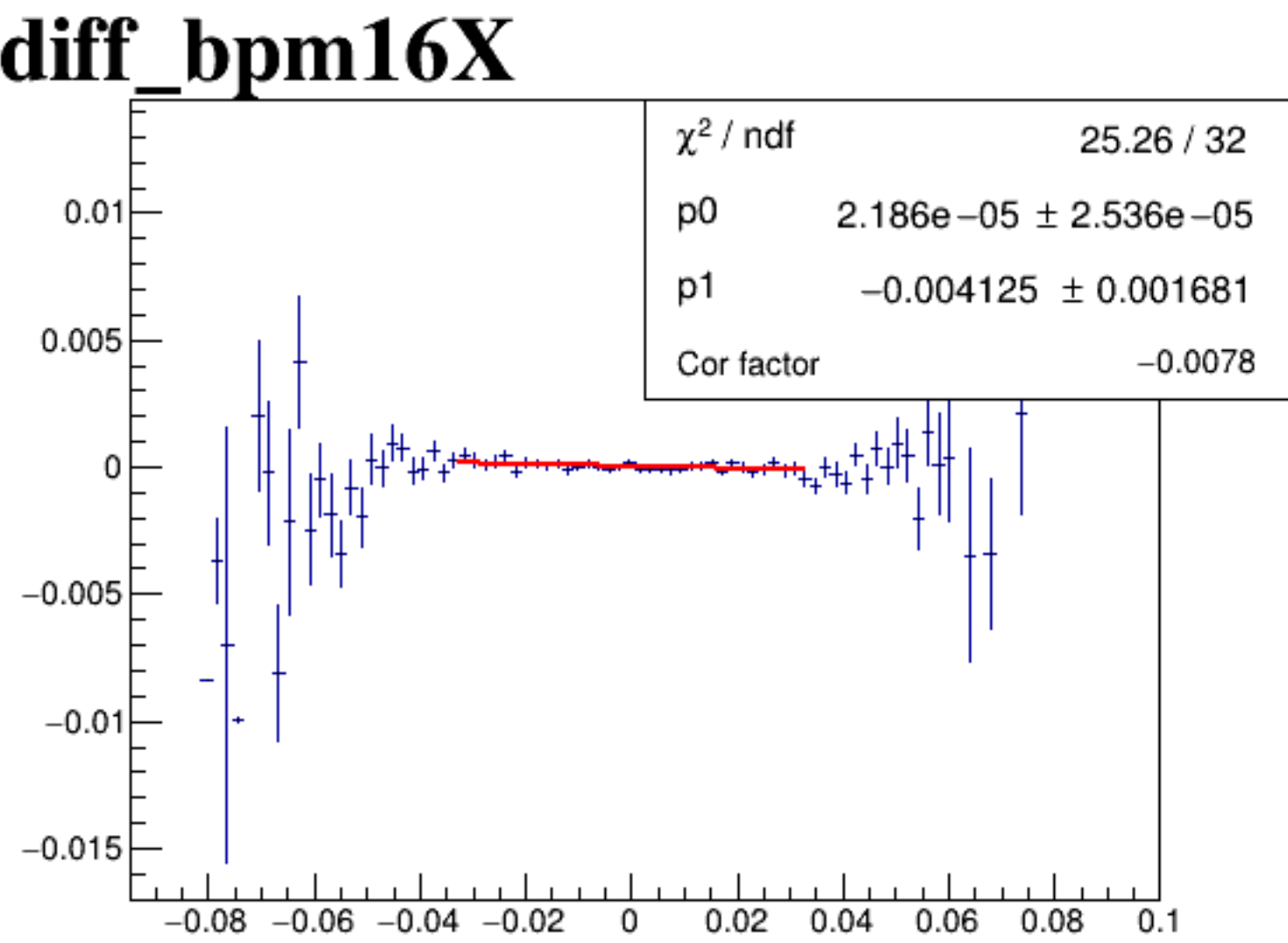
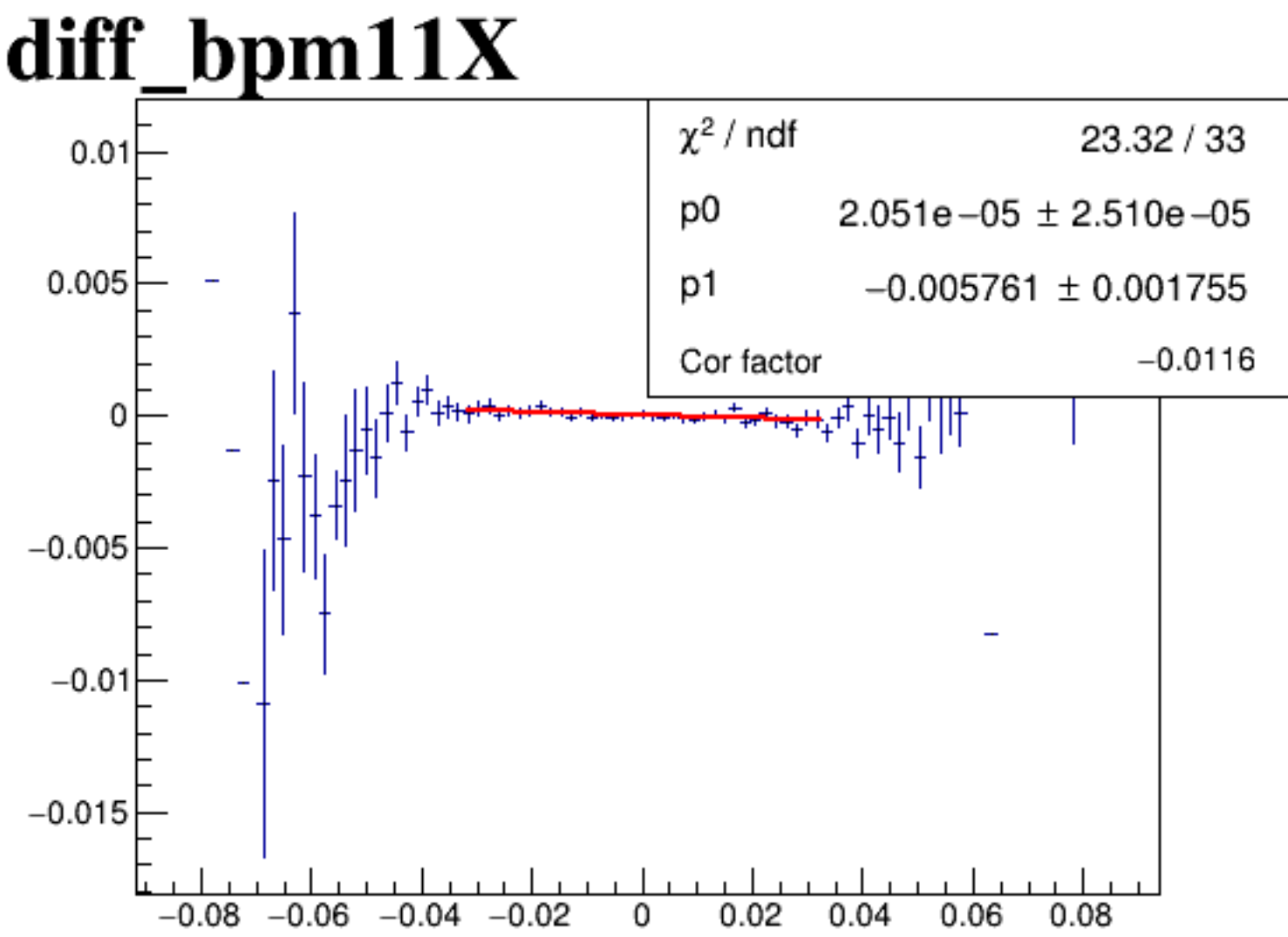
diff_bpm4aY



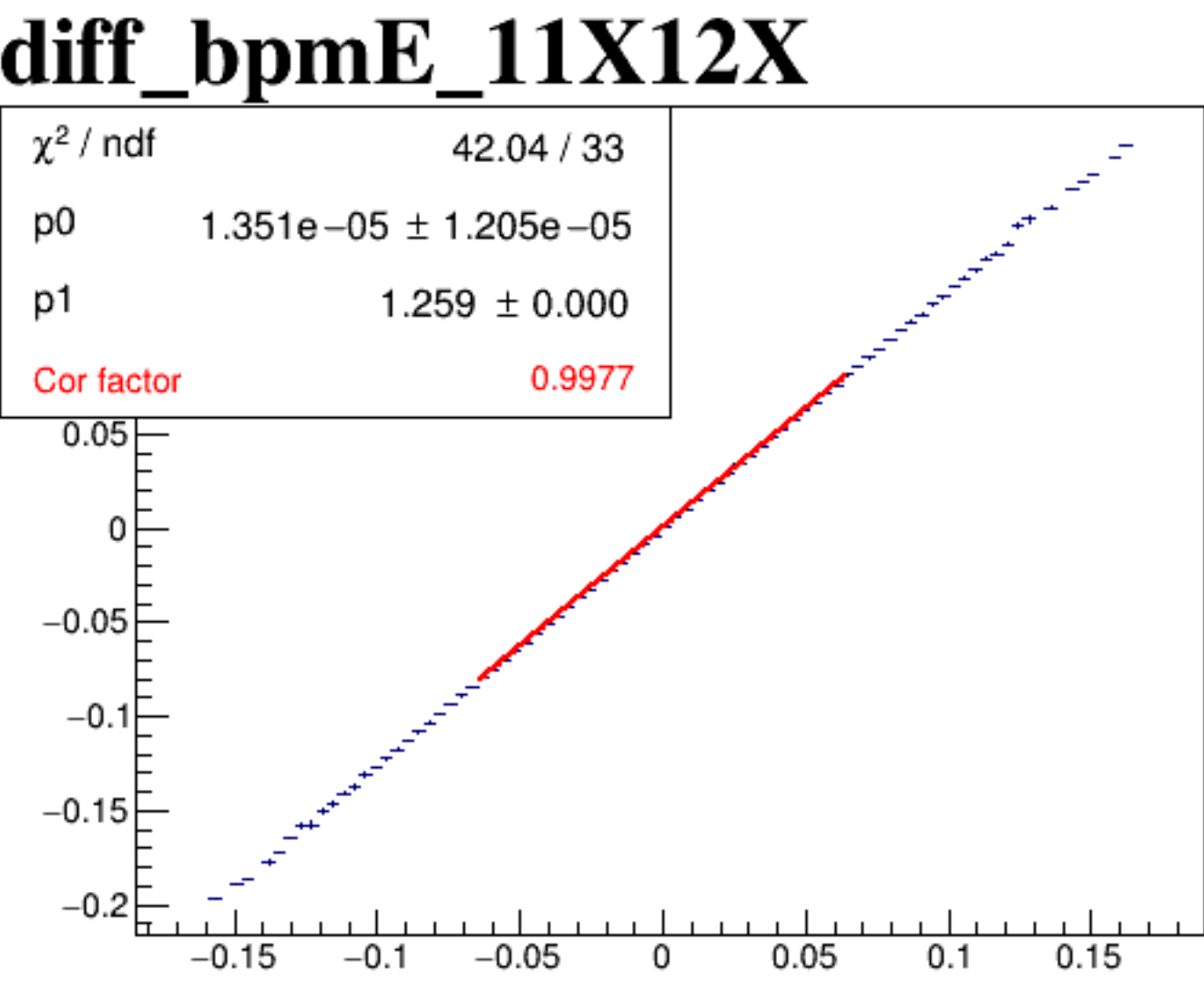
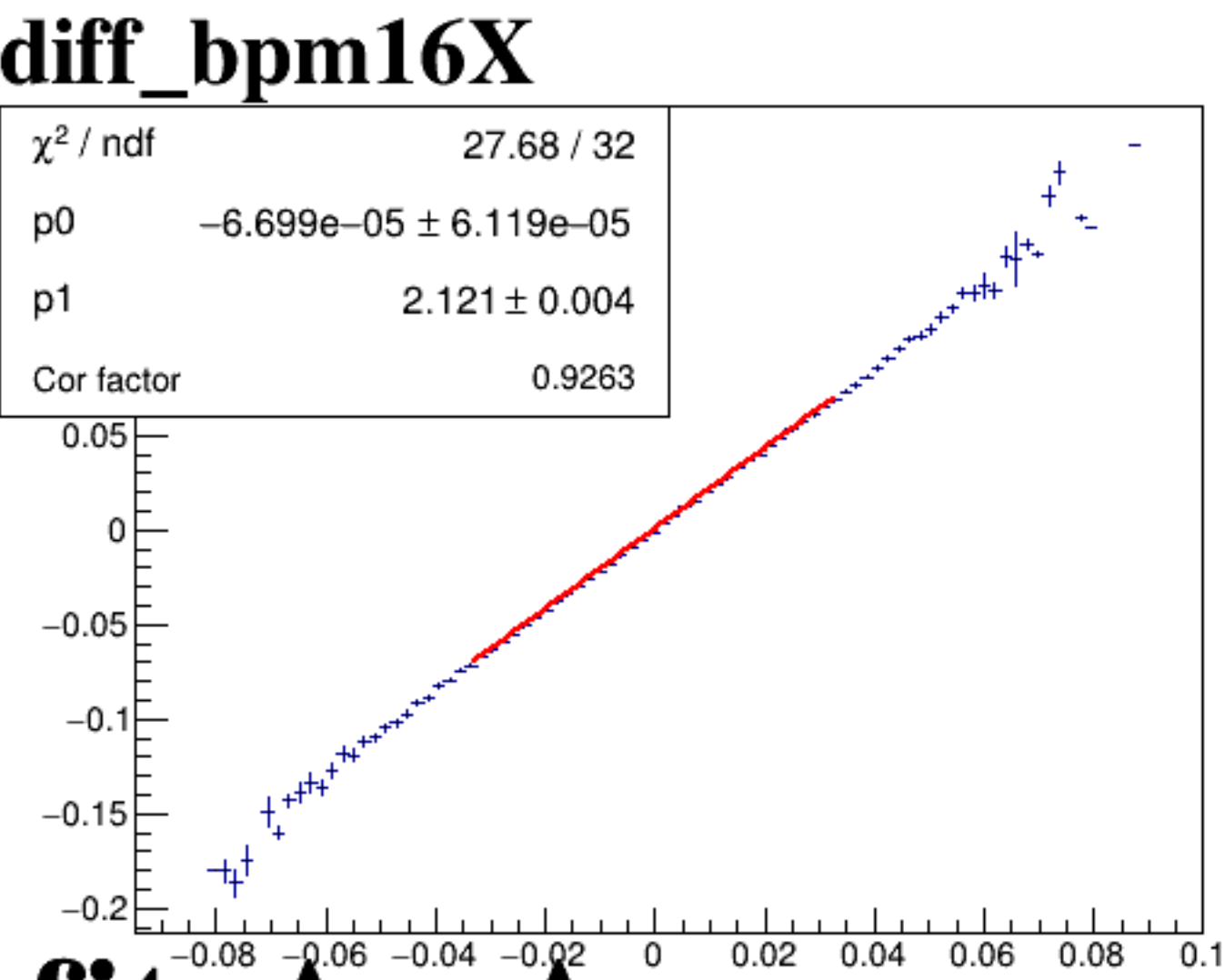
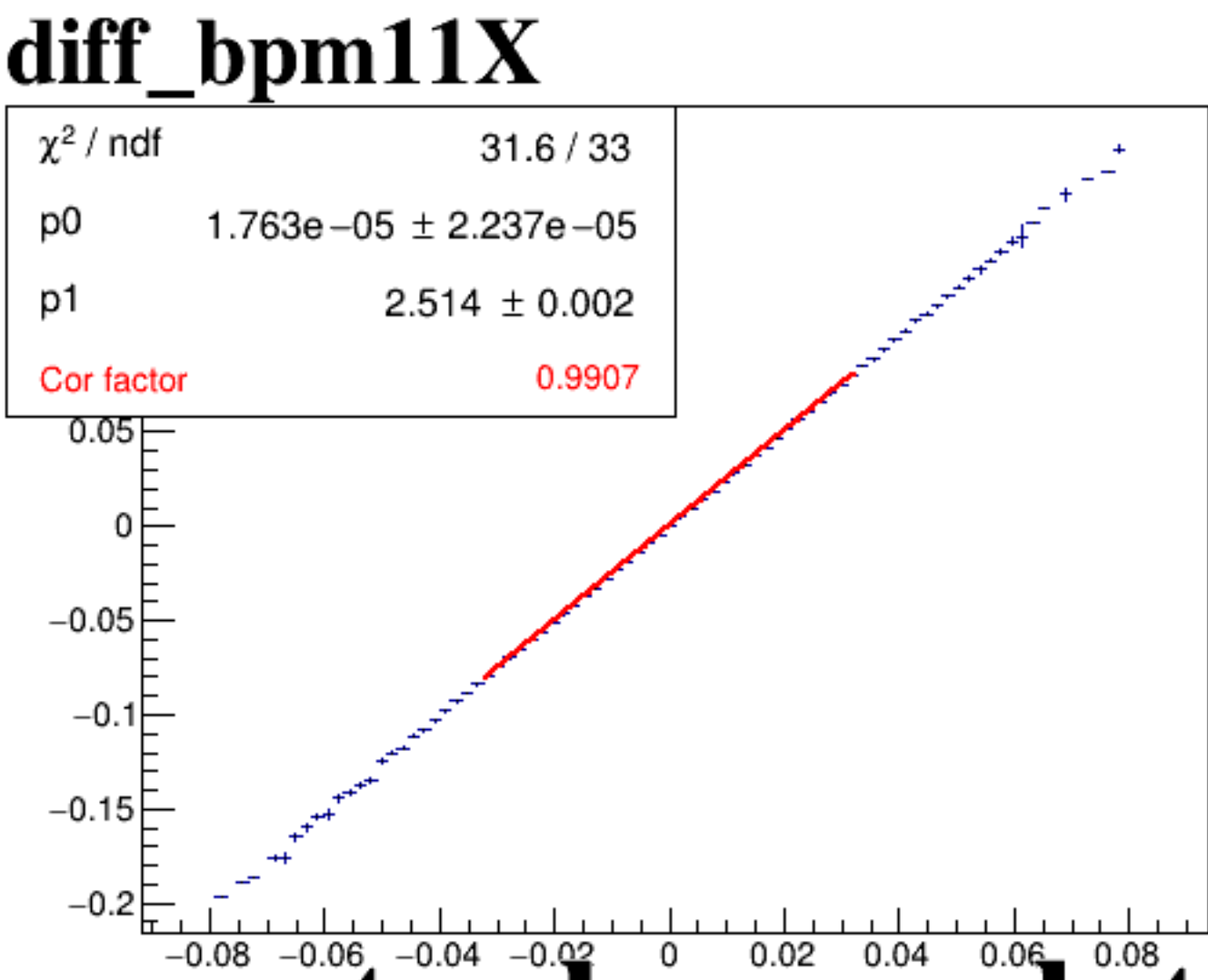
diff_bpm4eX



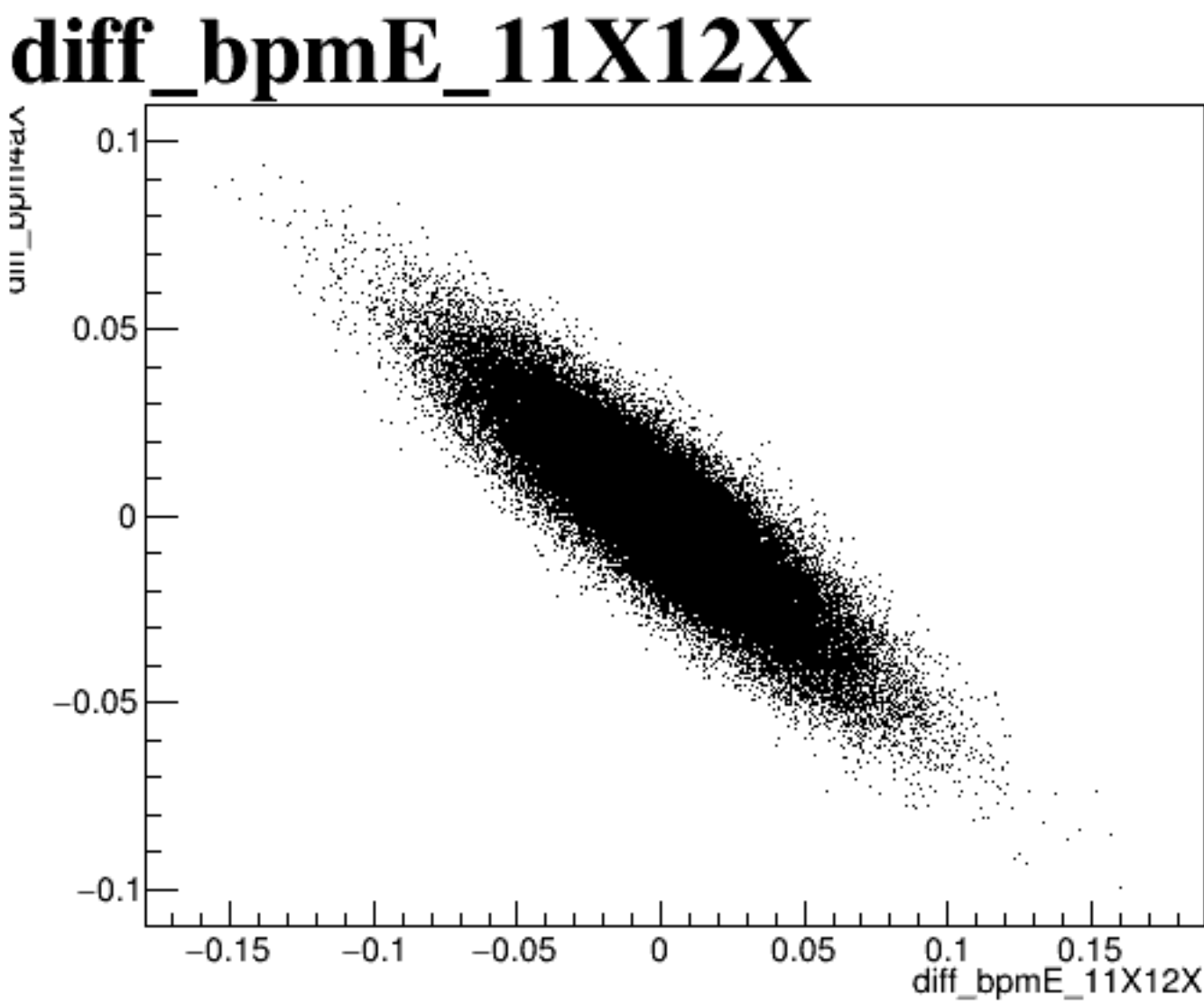
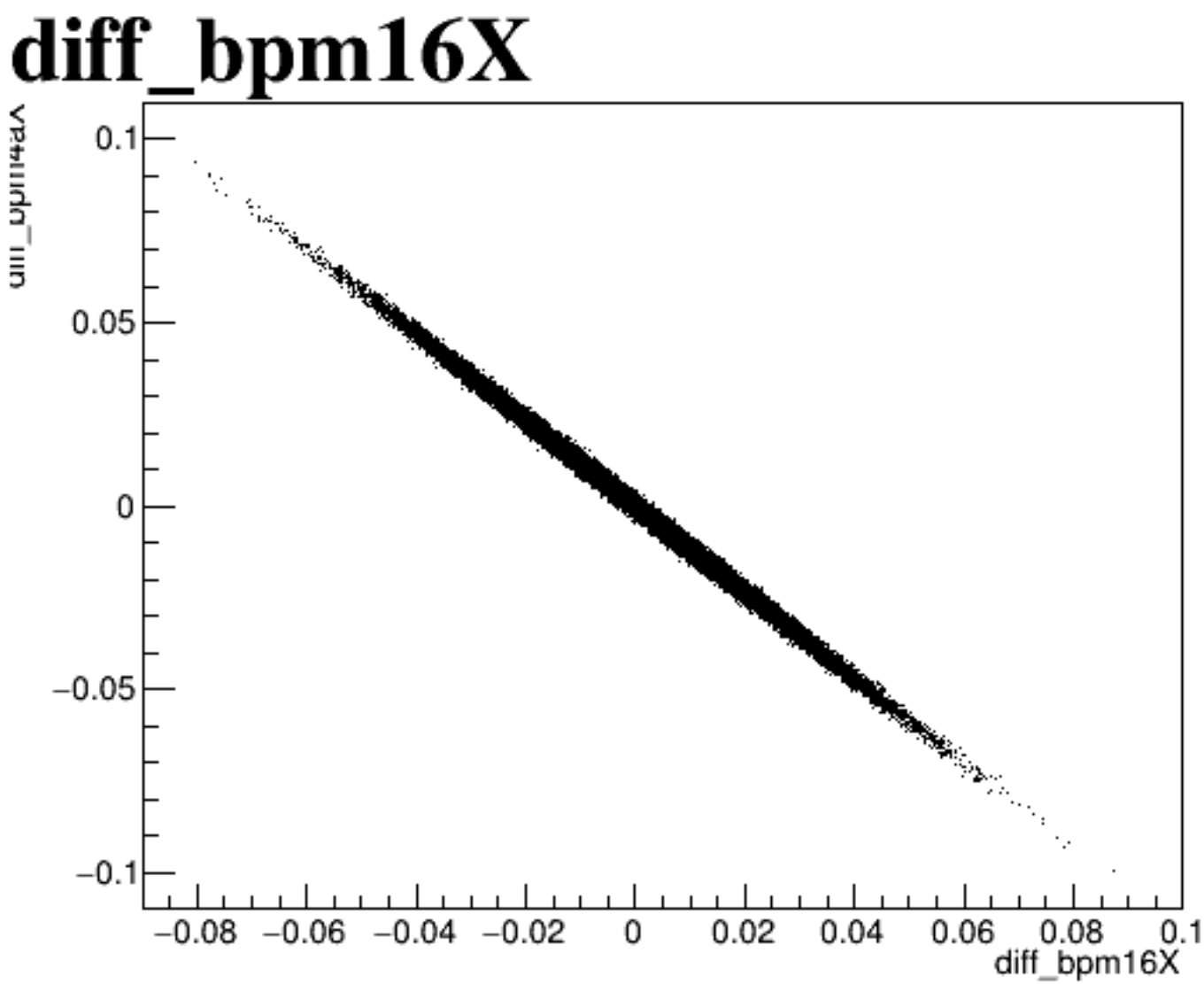
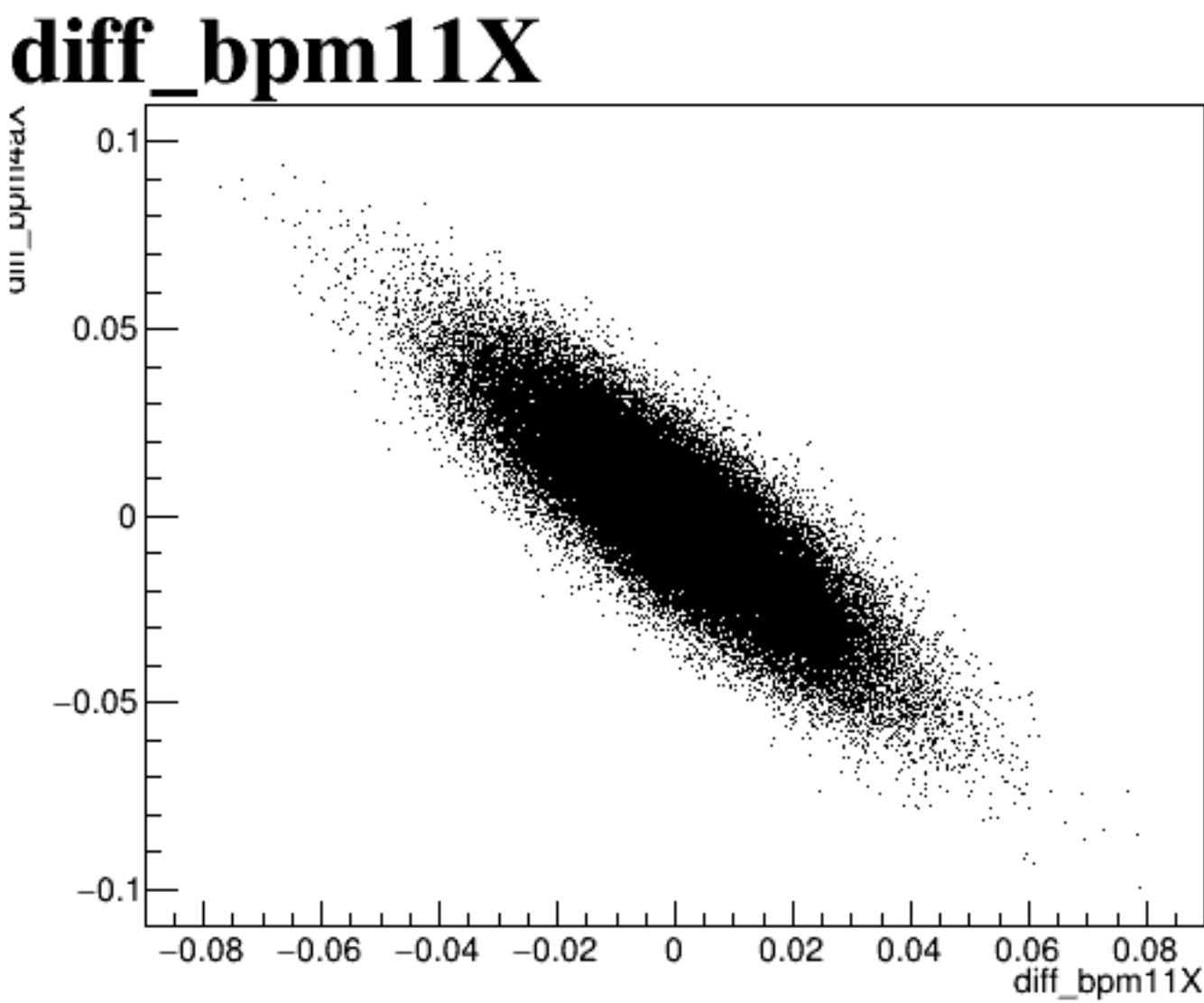
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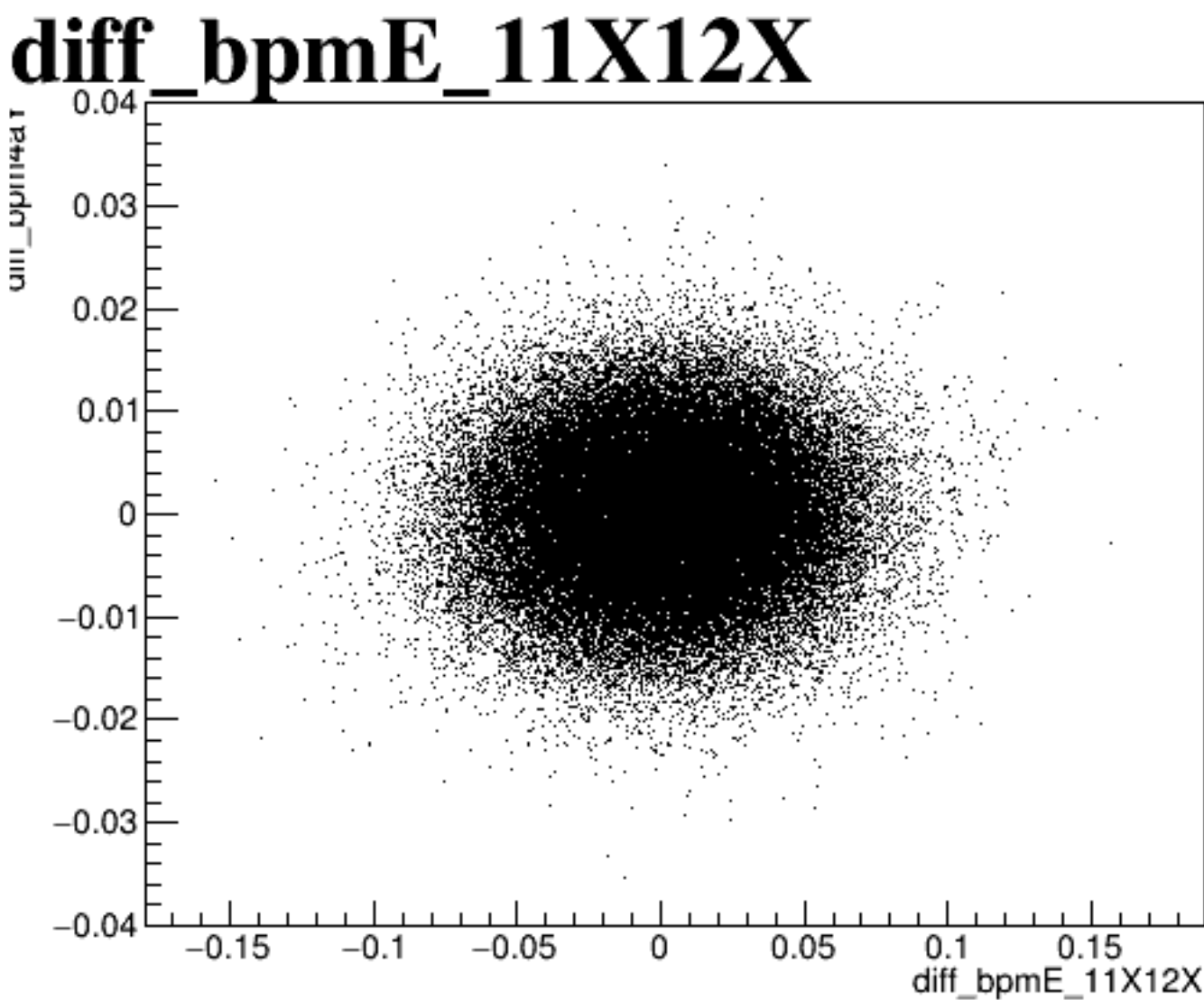
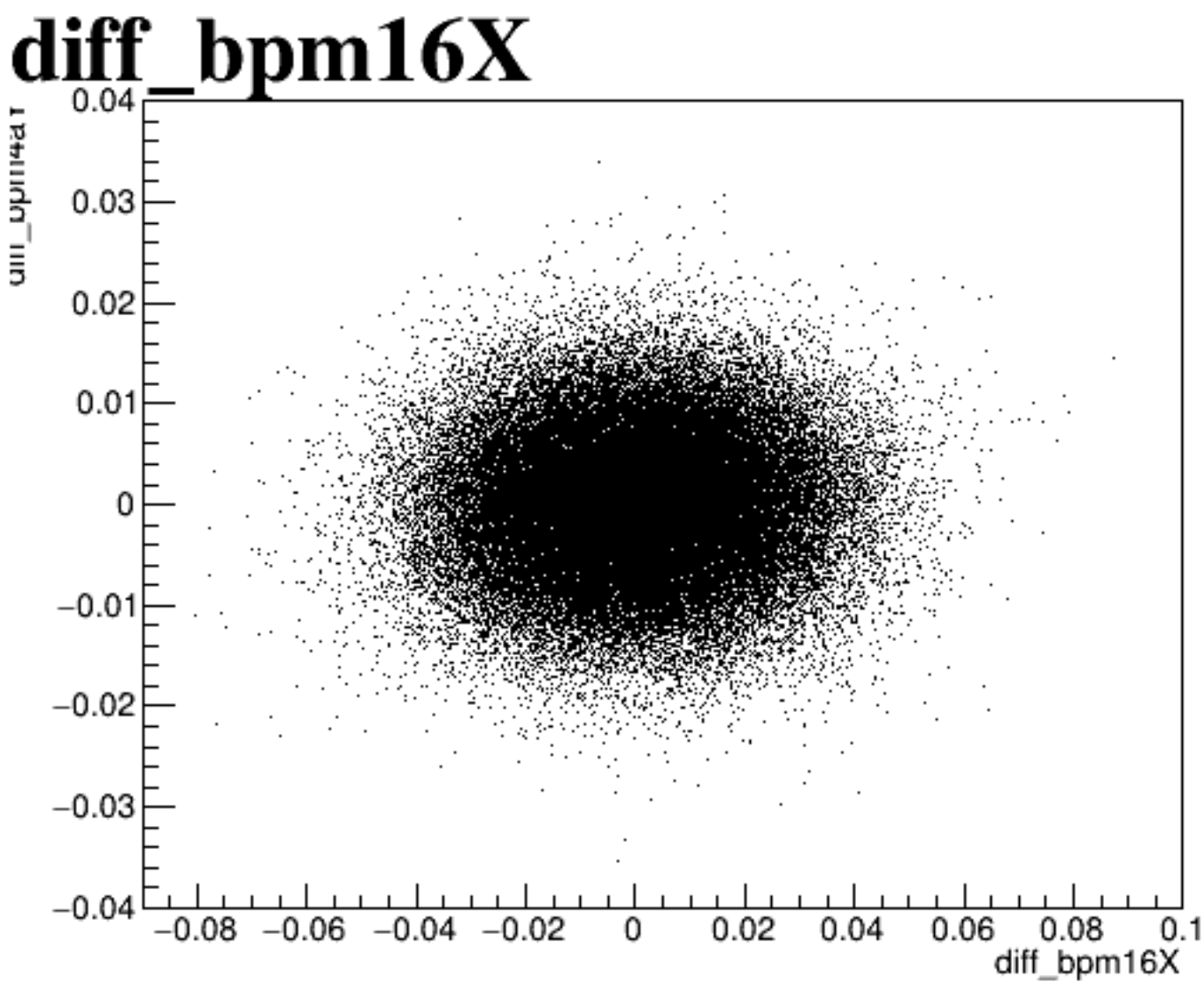
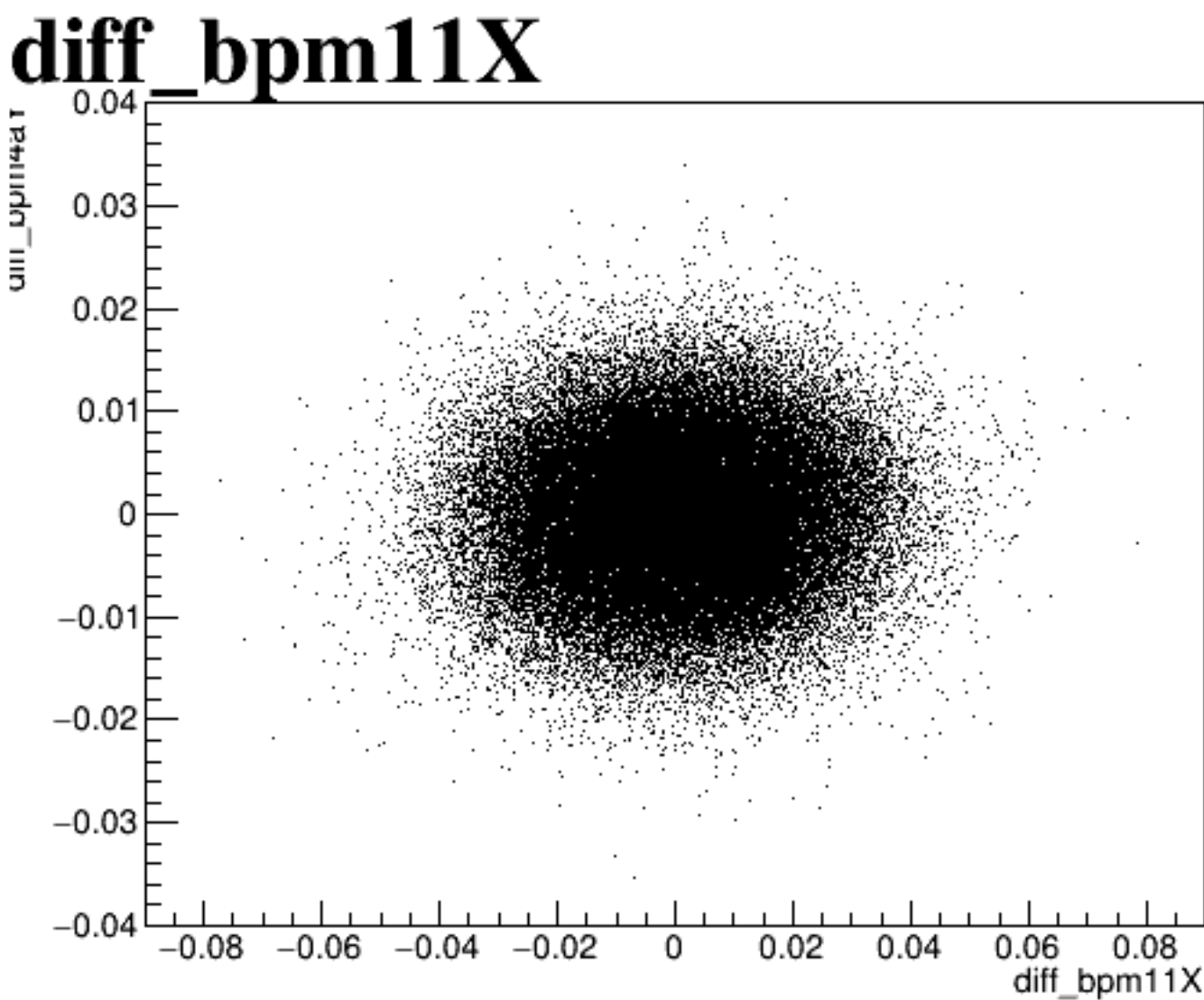
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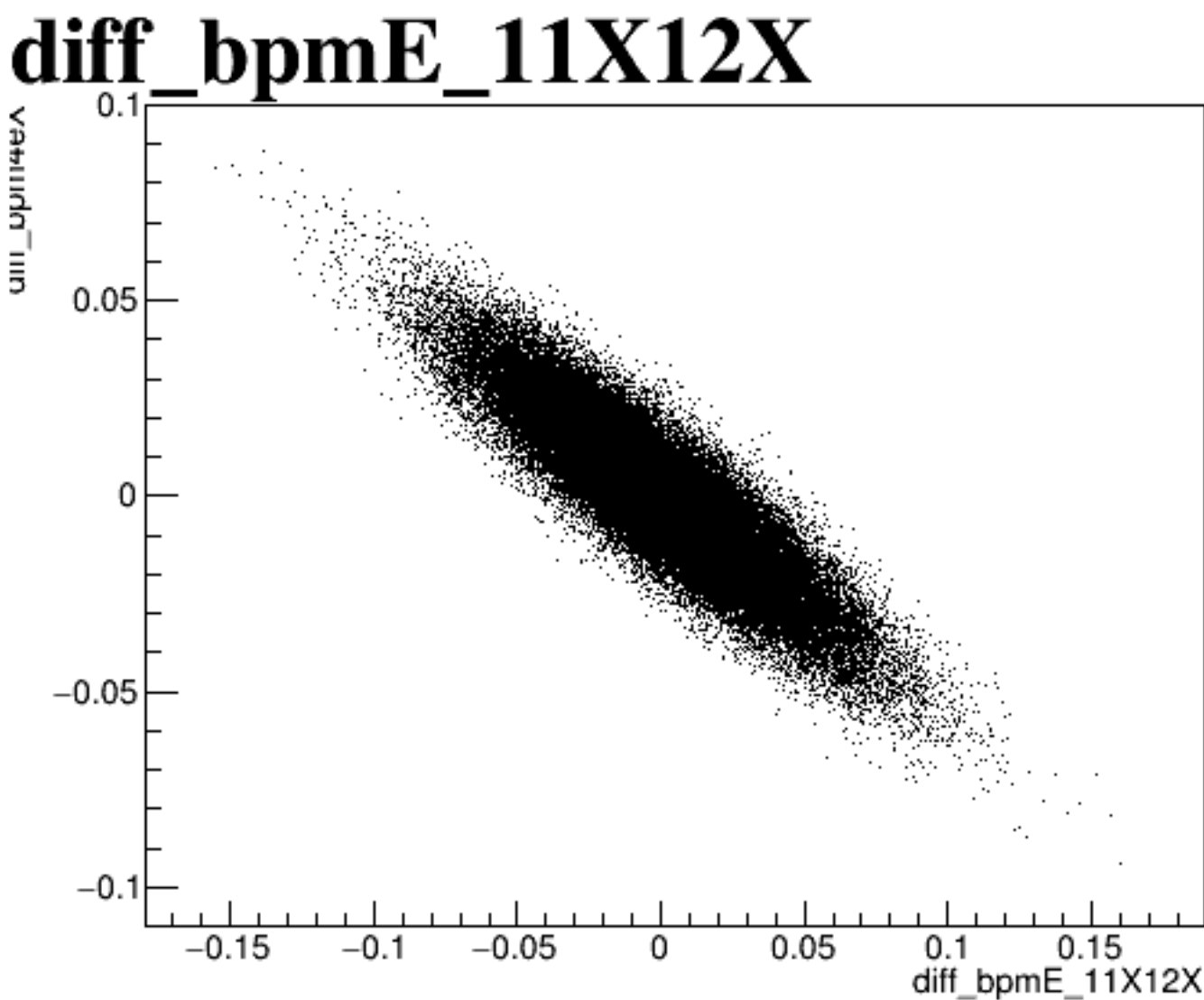
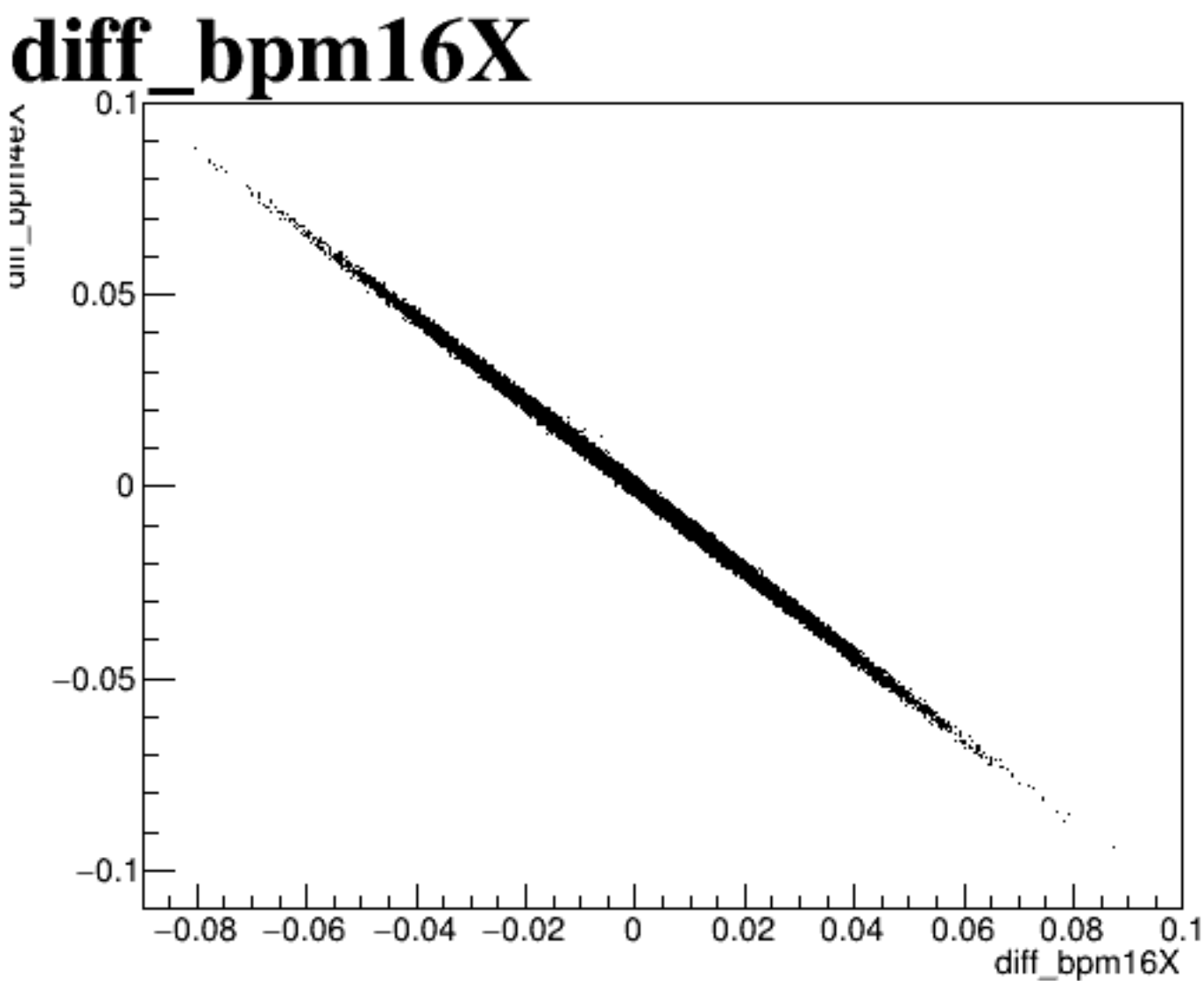
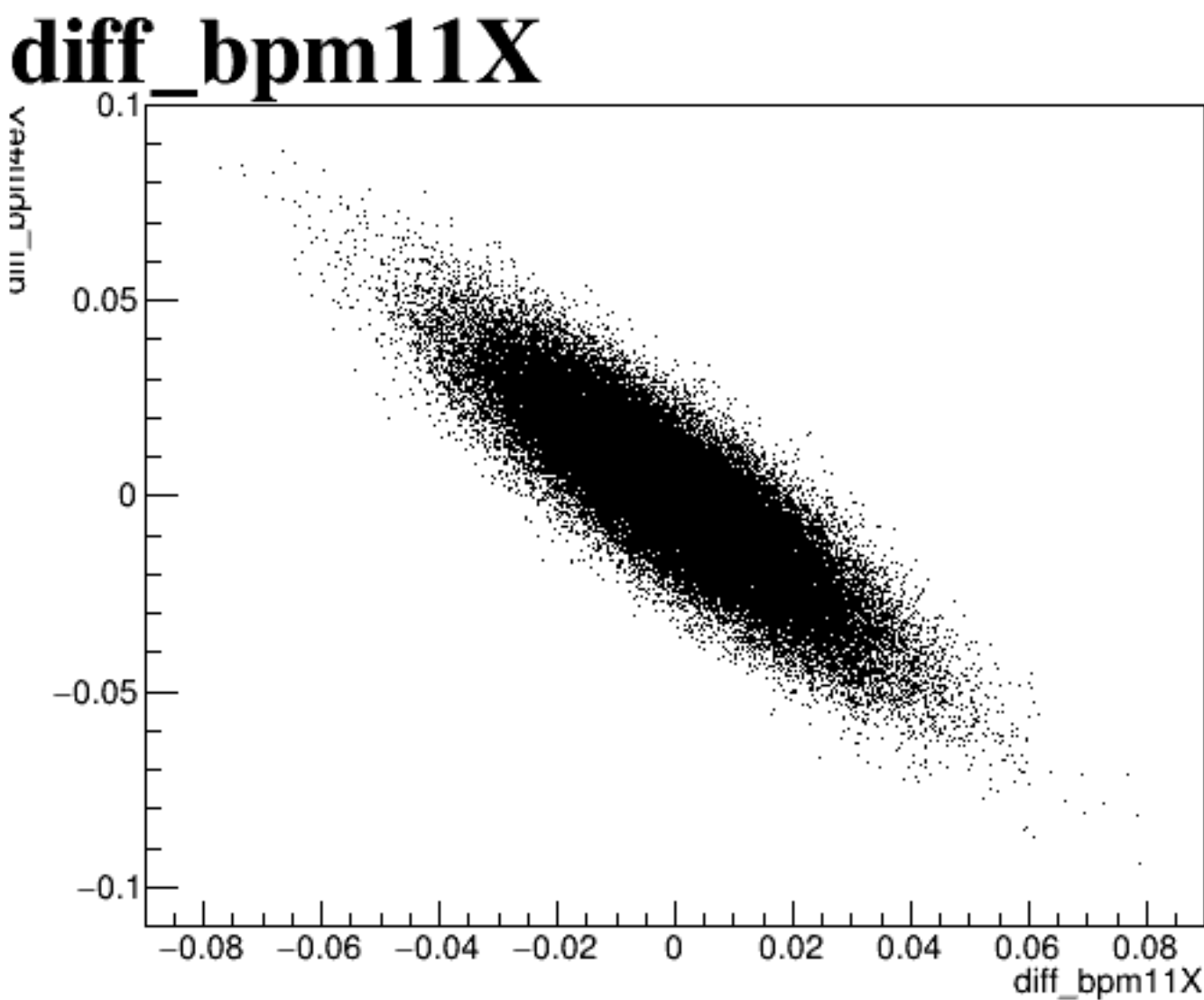
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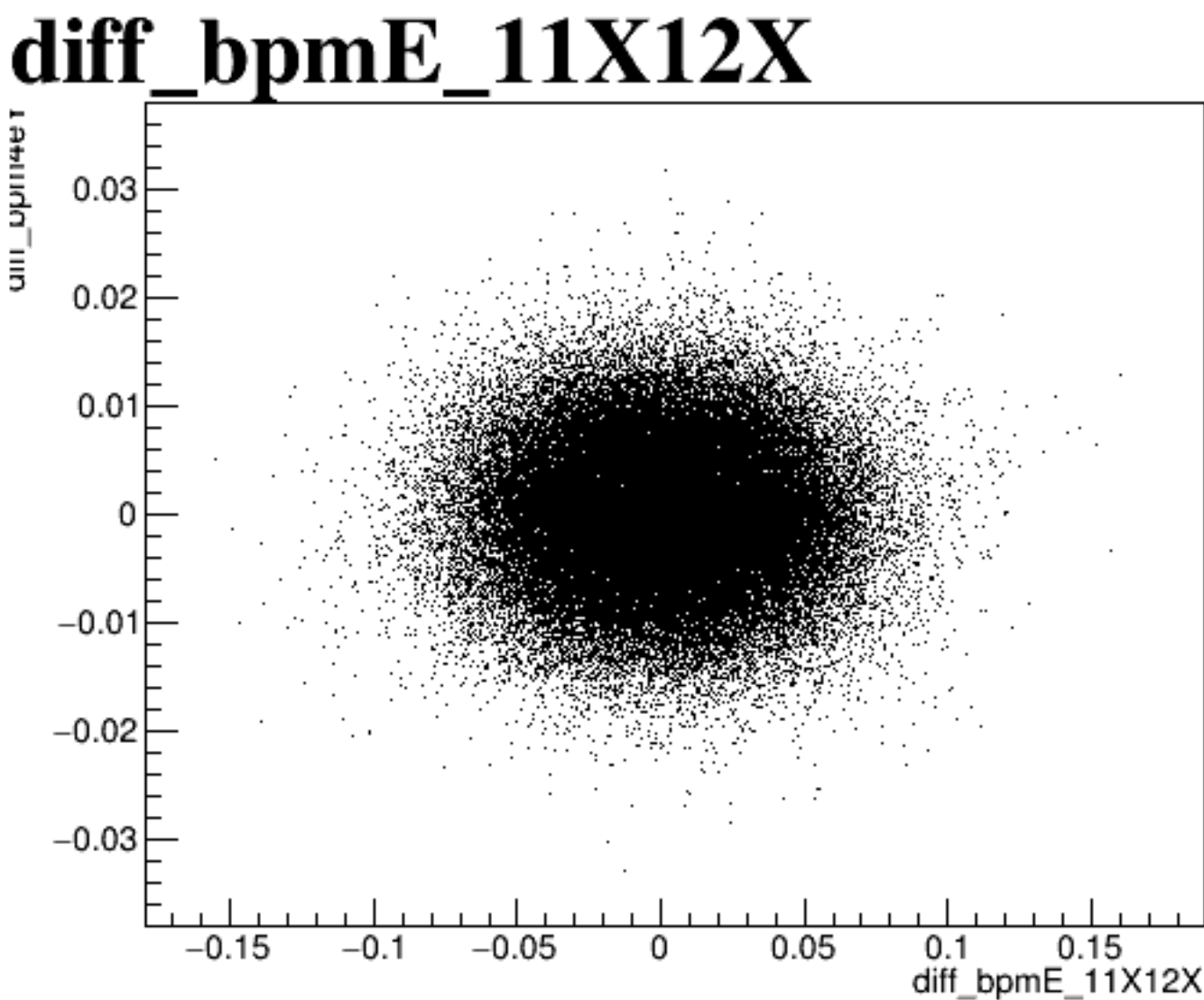
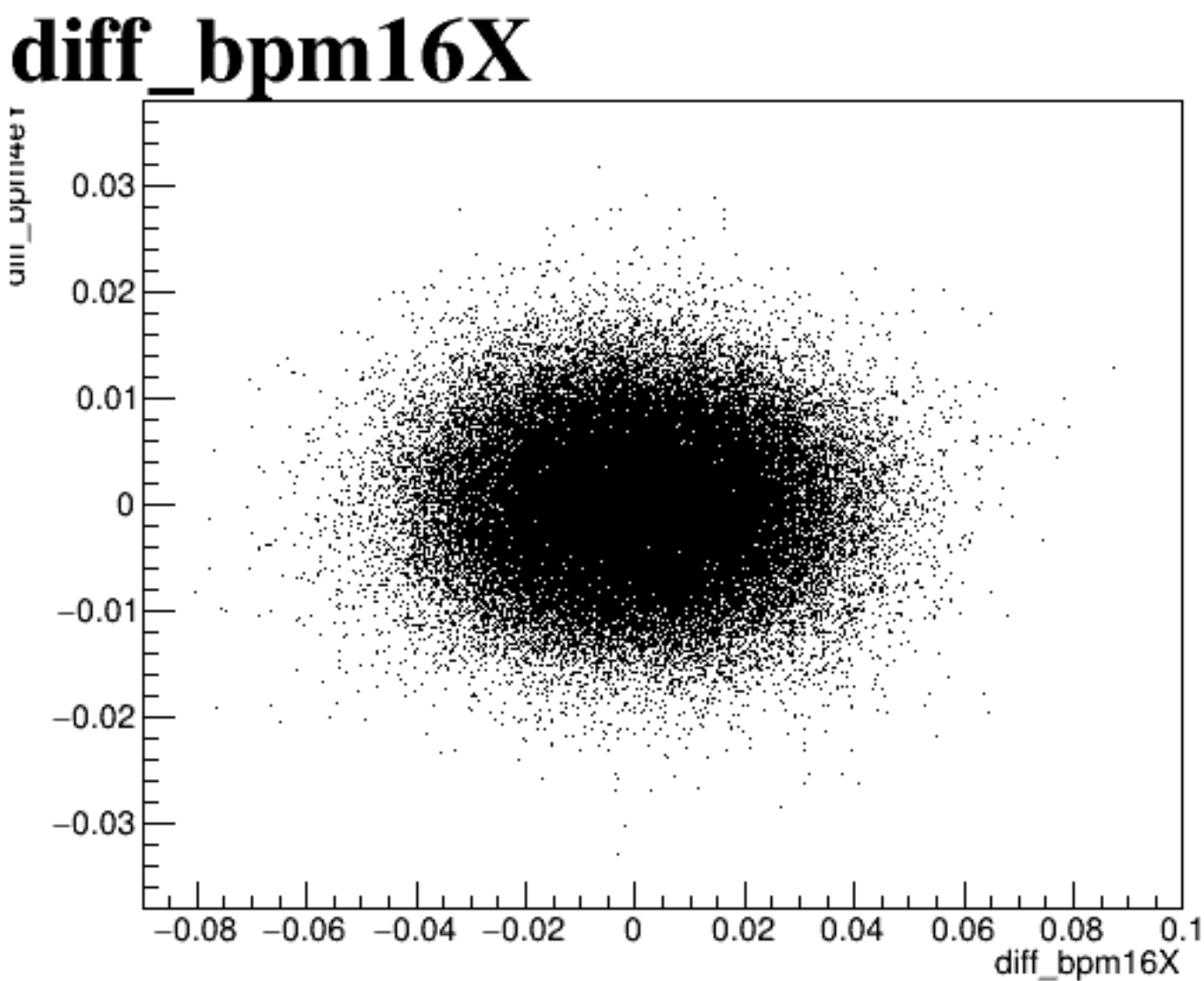
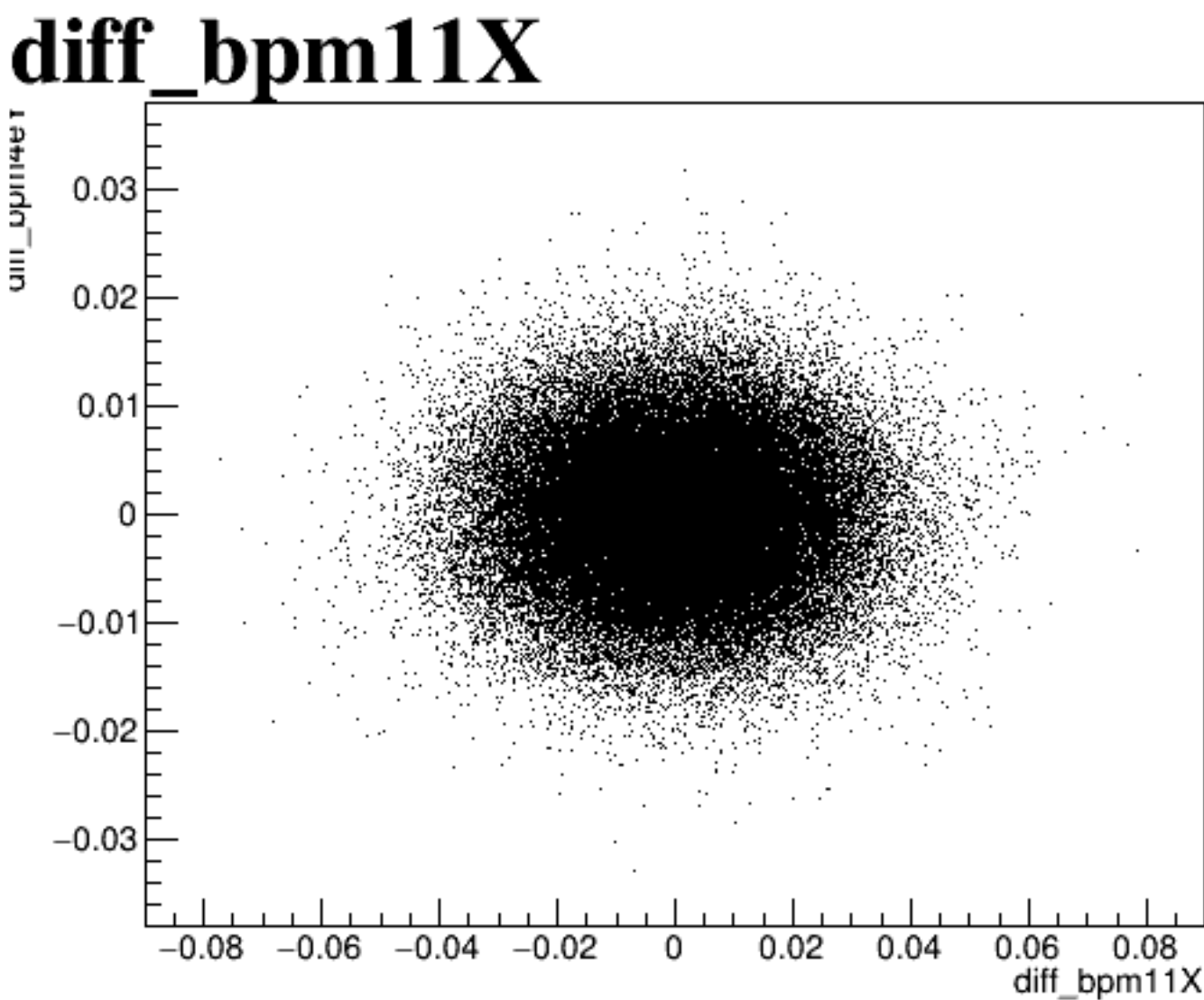
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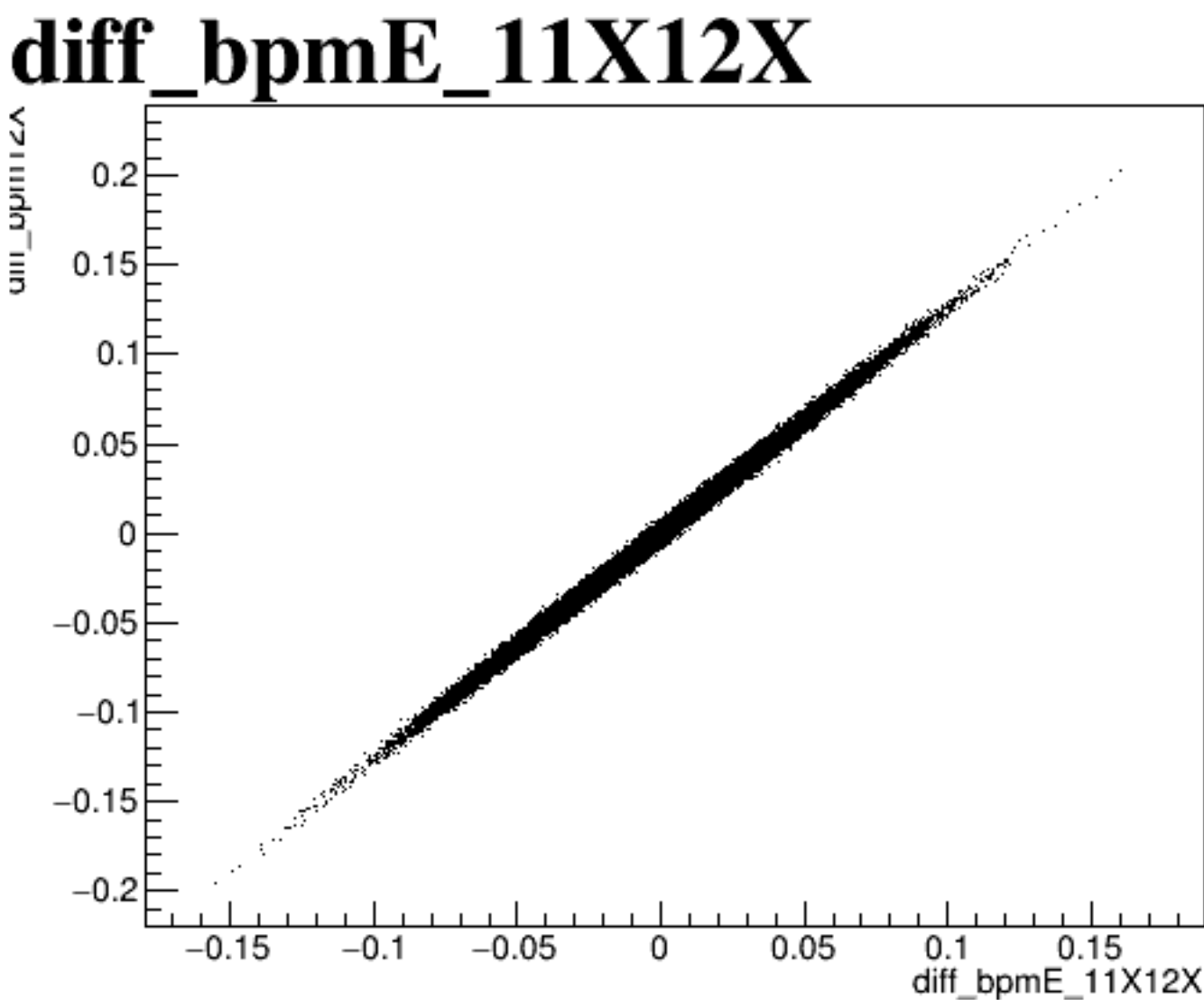
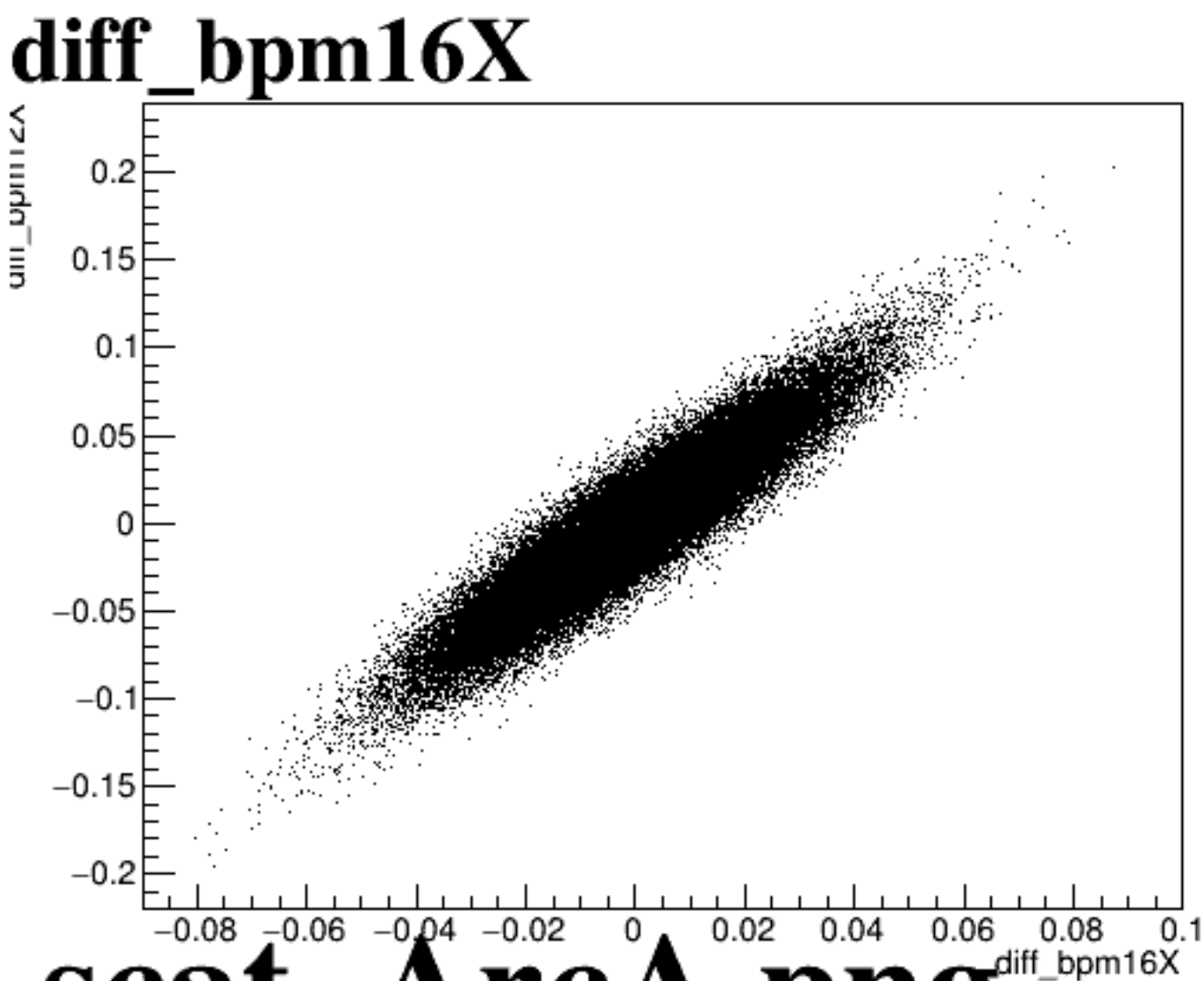
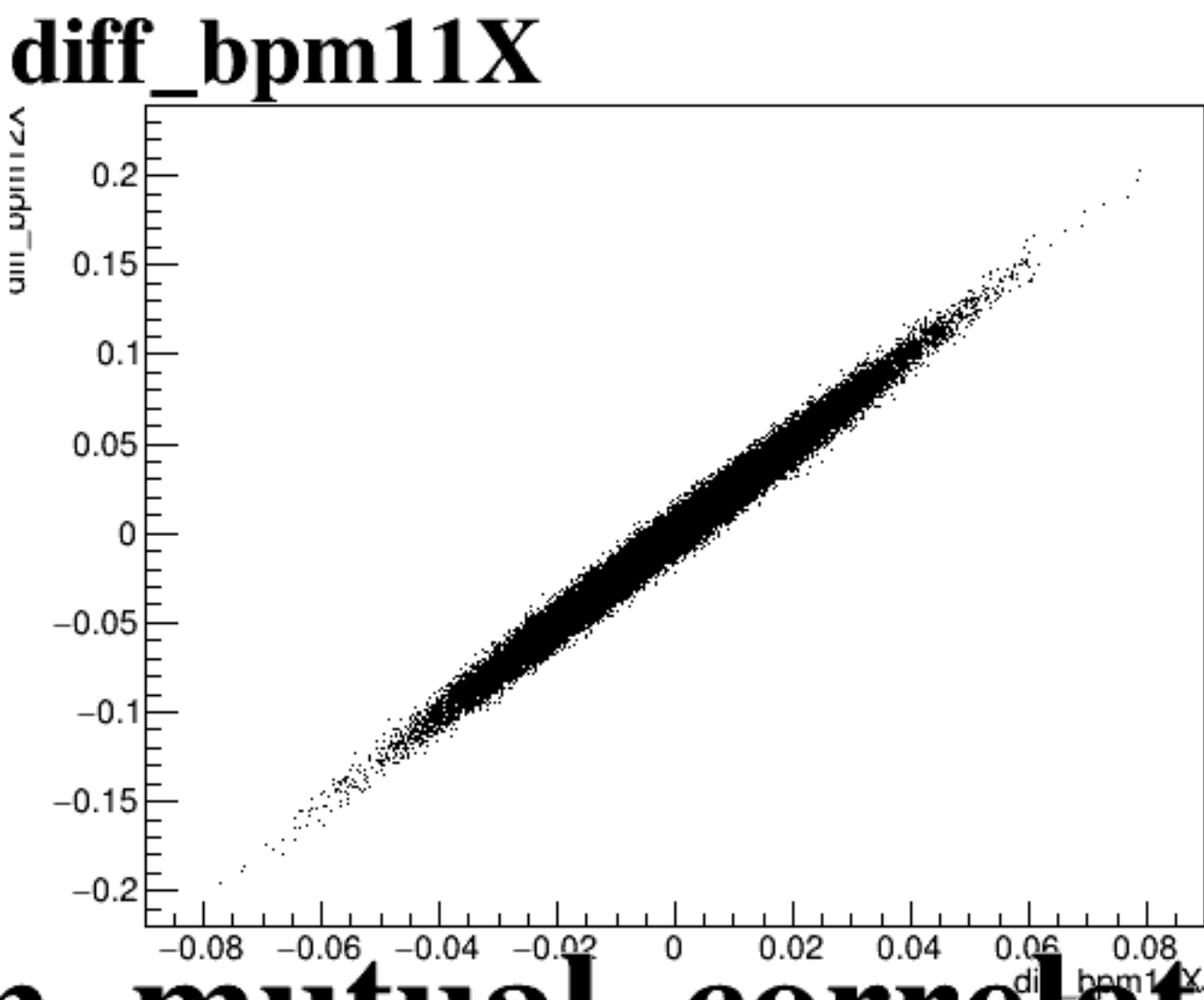
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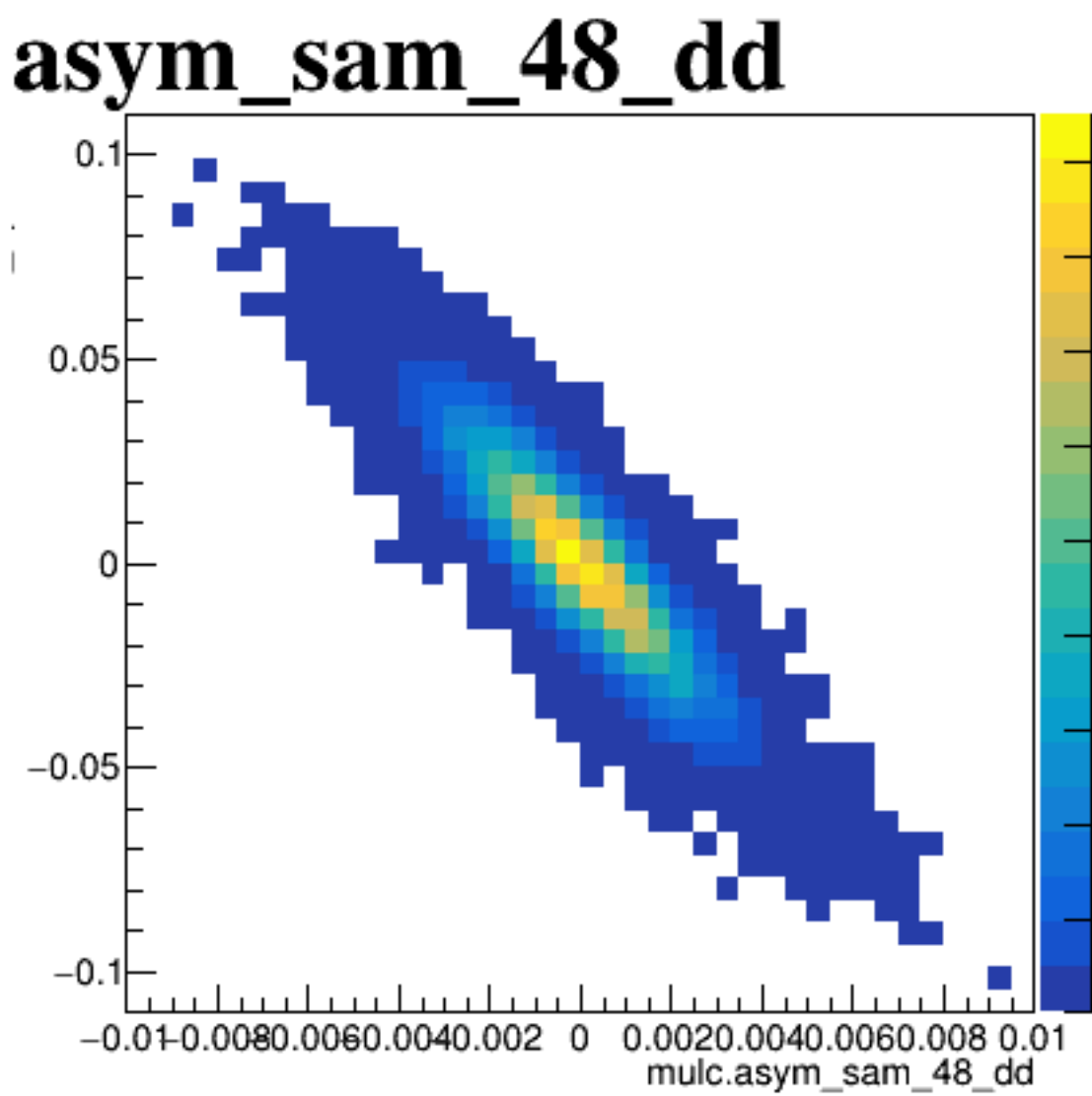
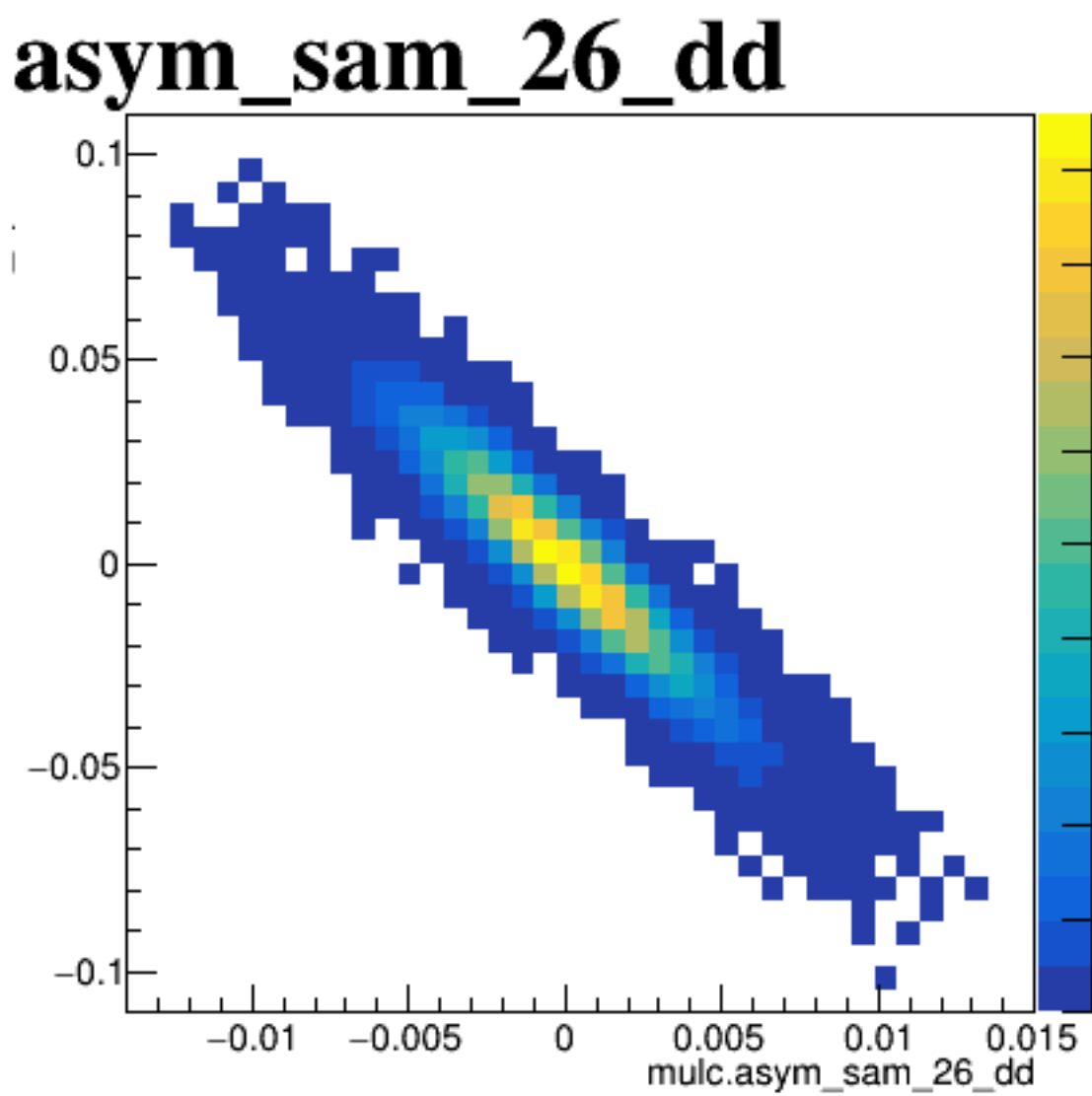
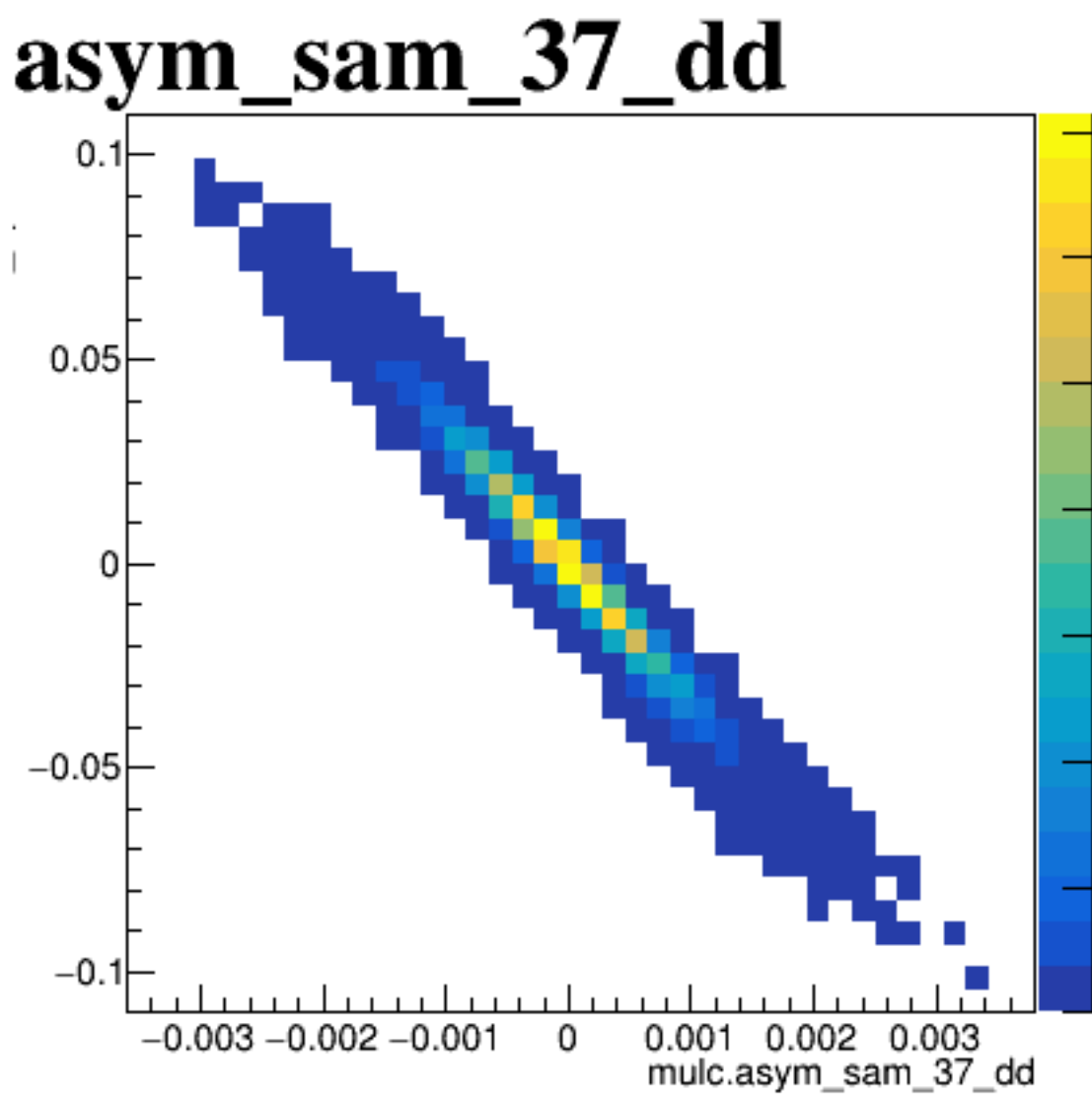
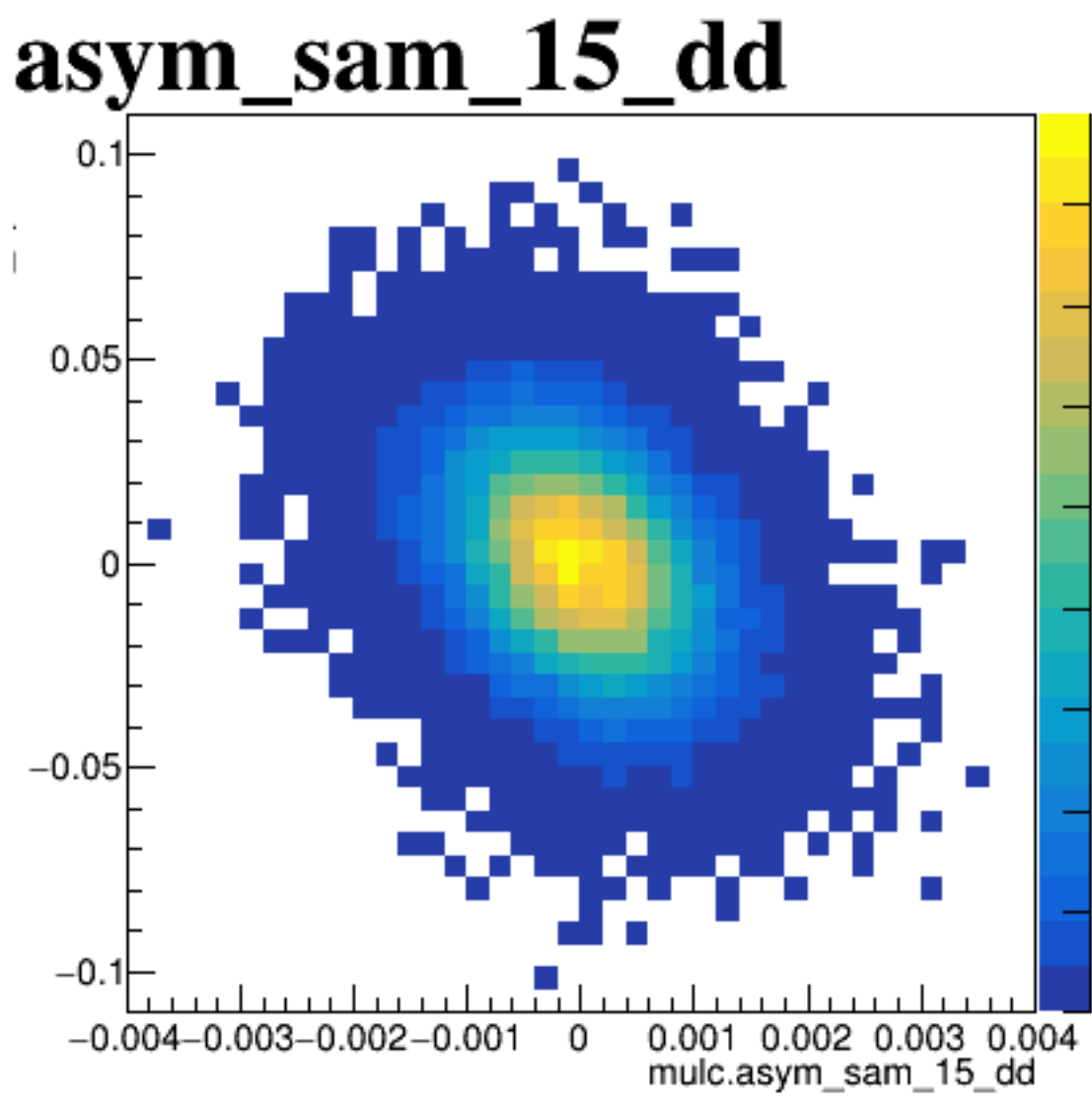
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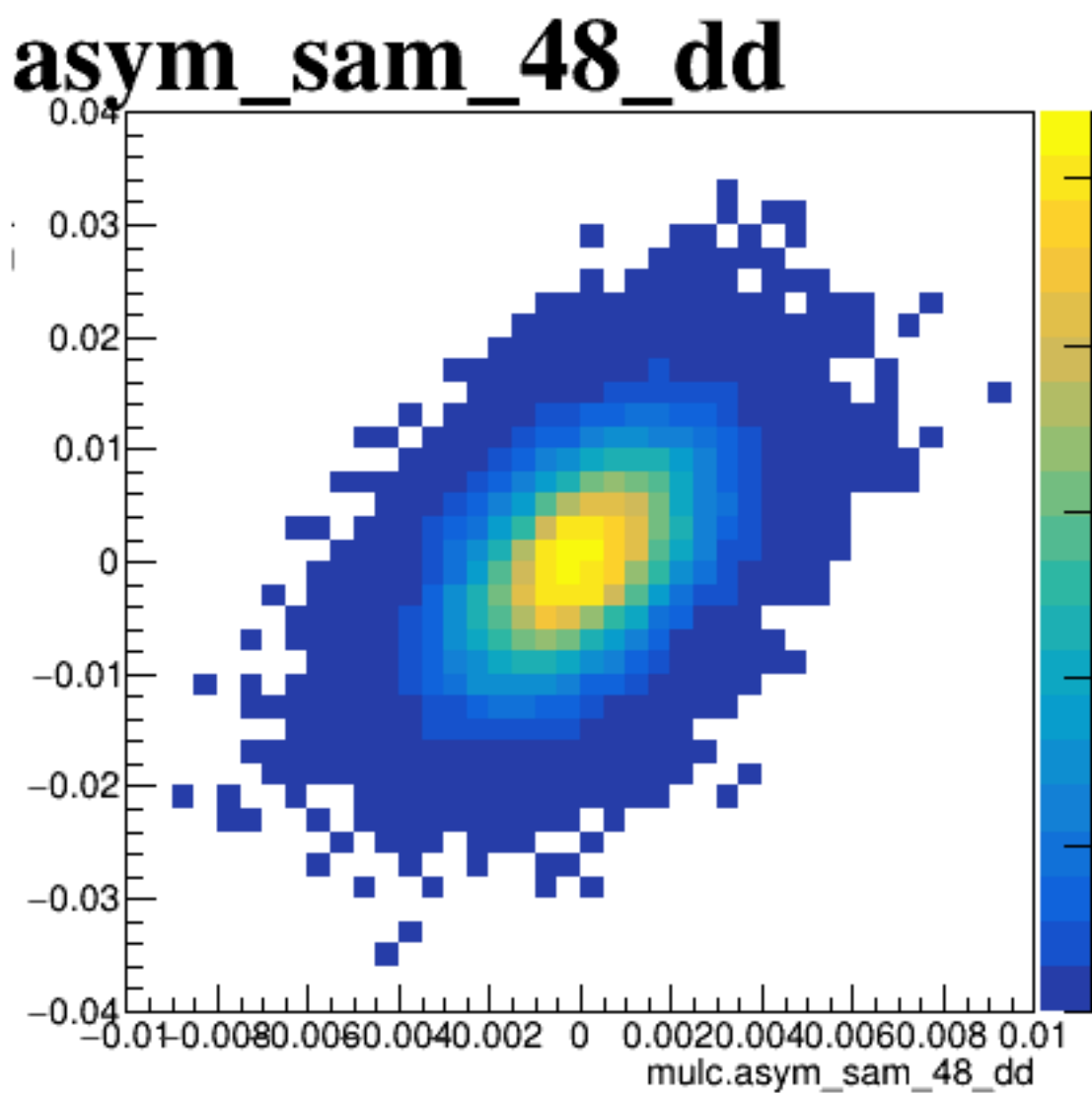
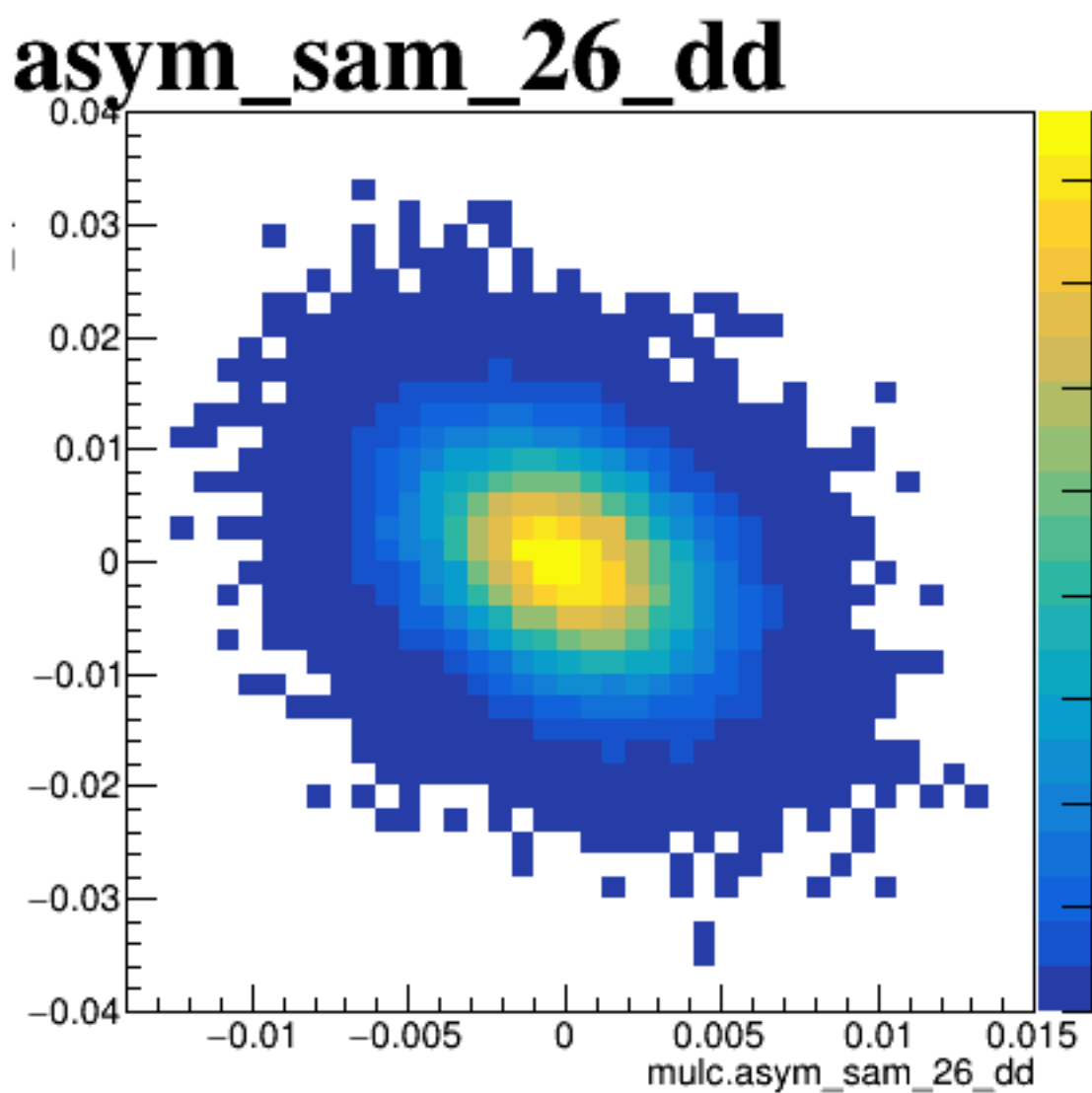
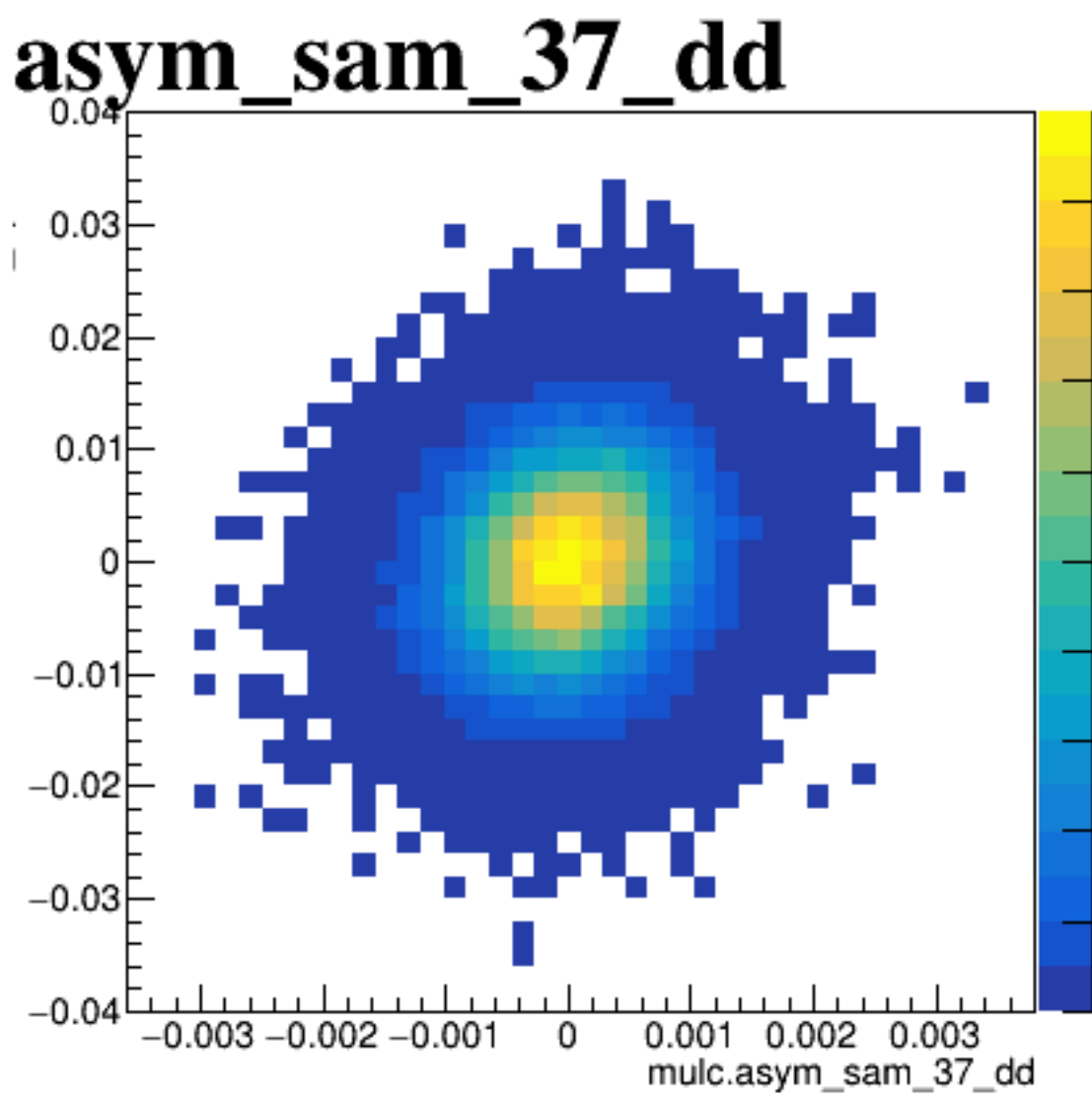
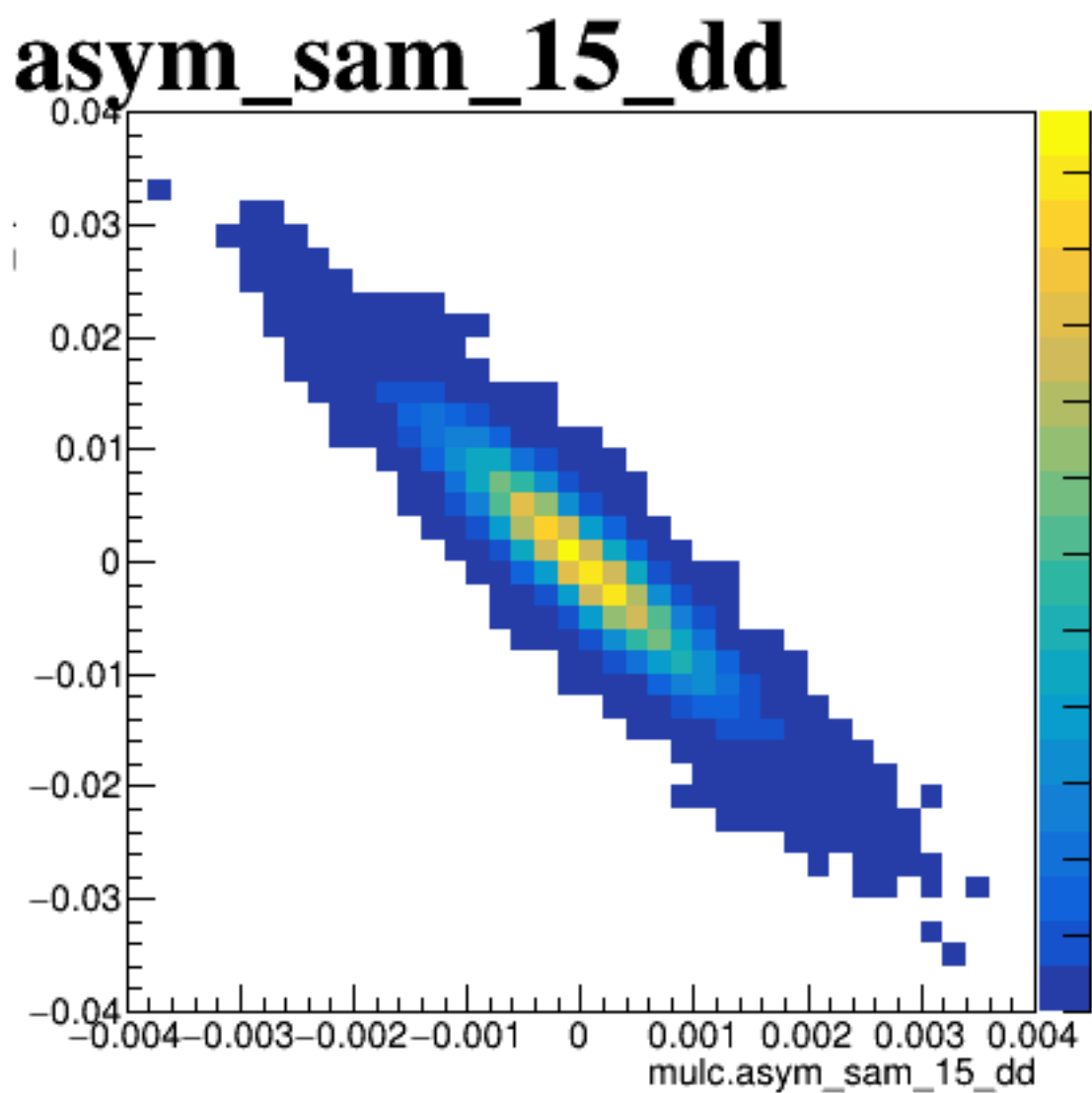
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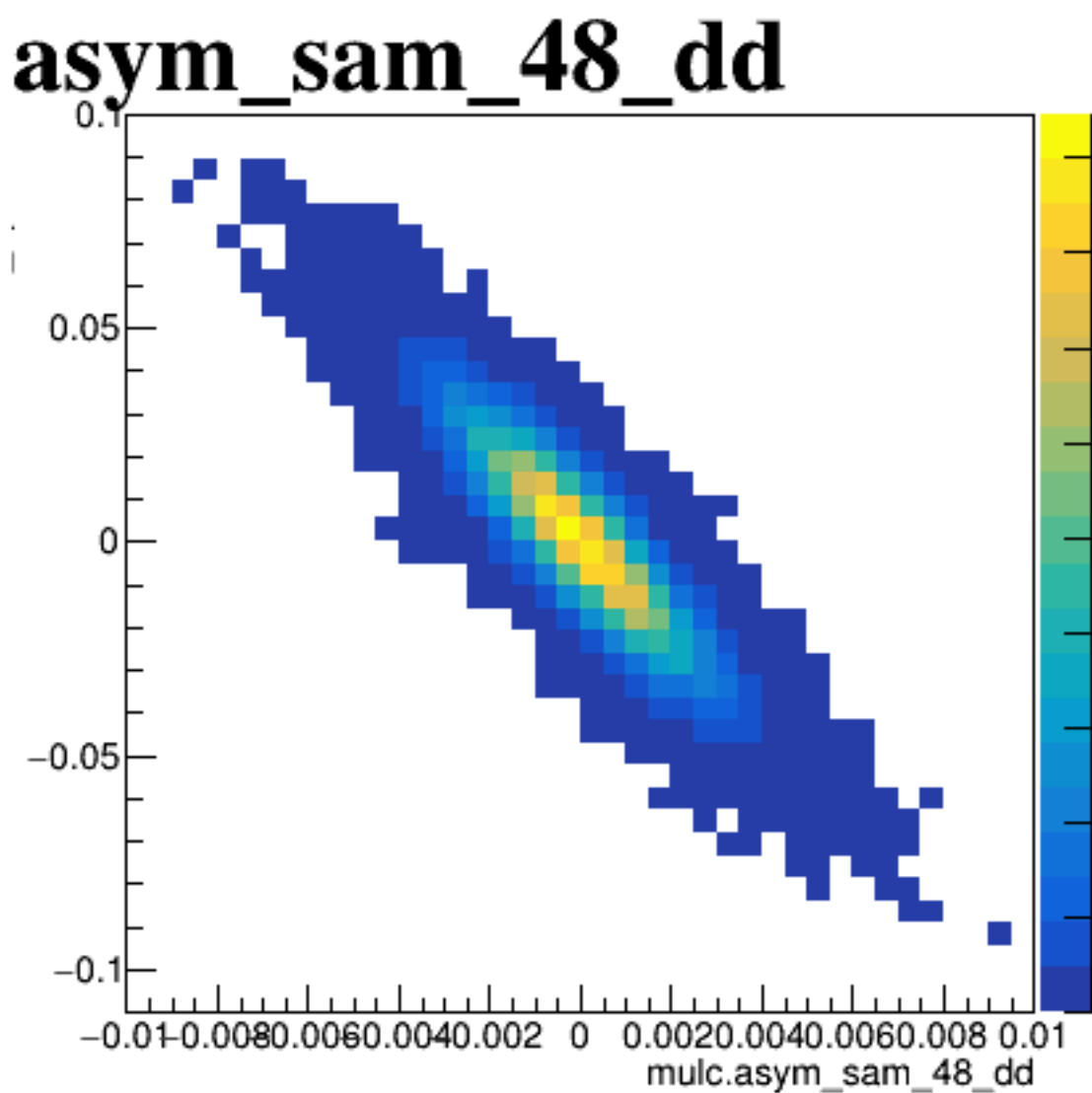
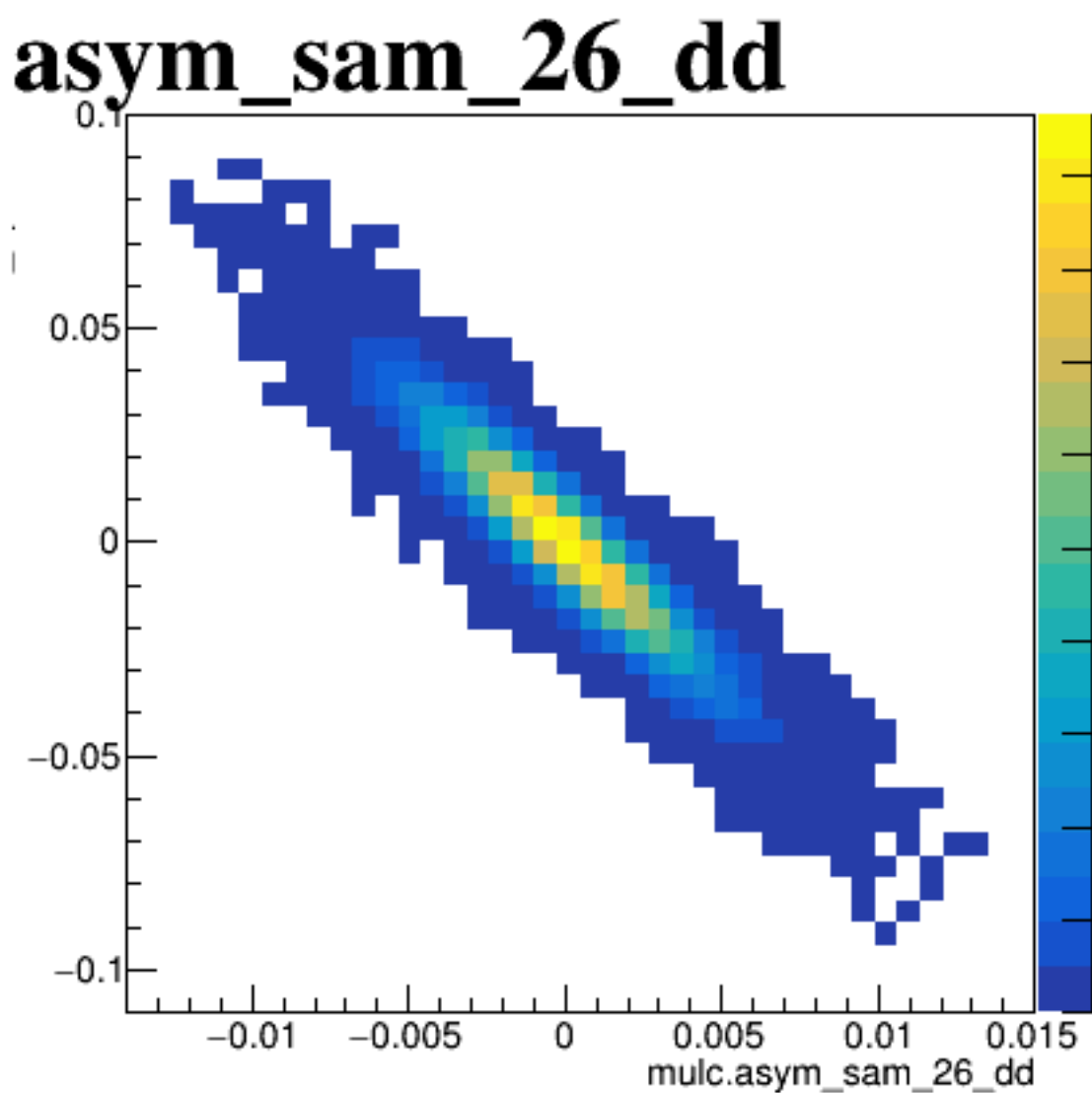
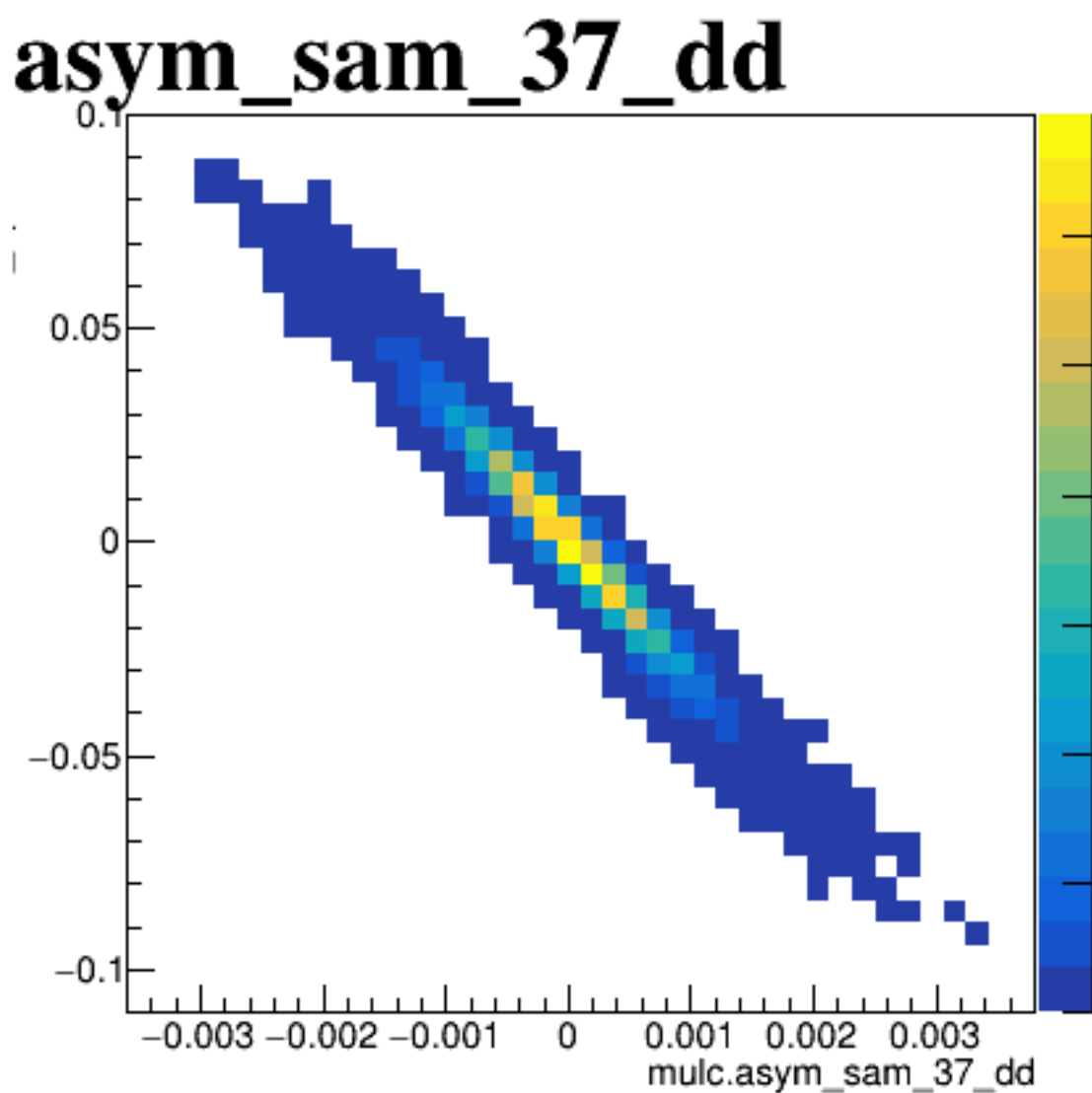
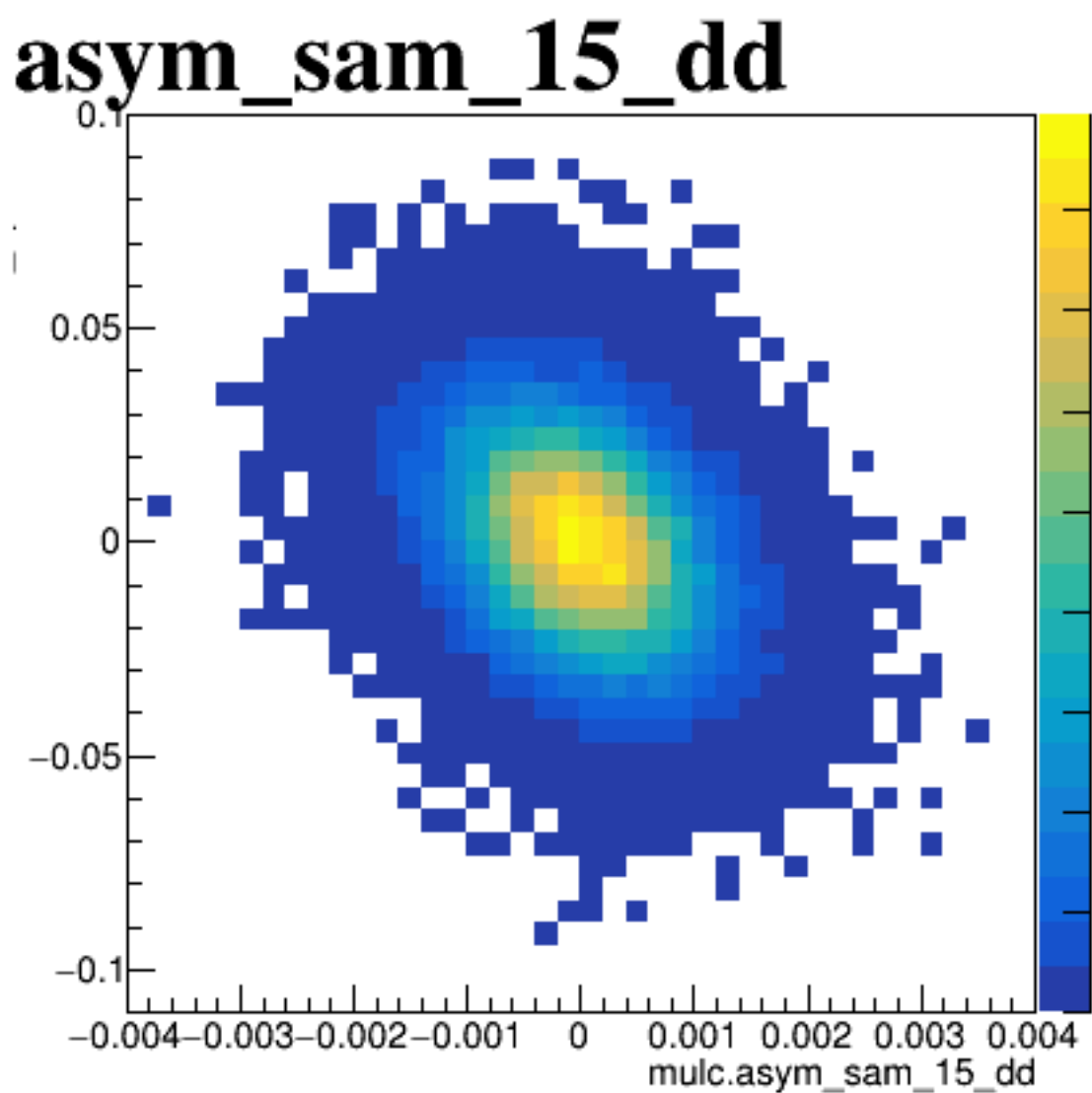
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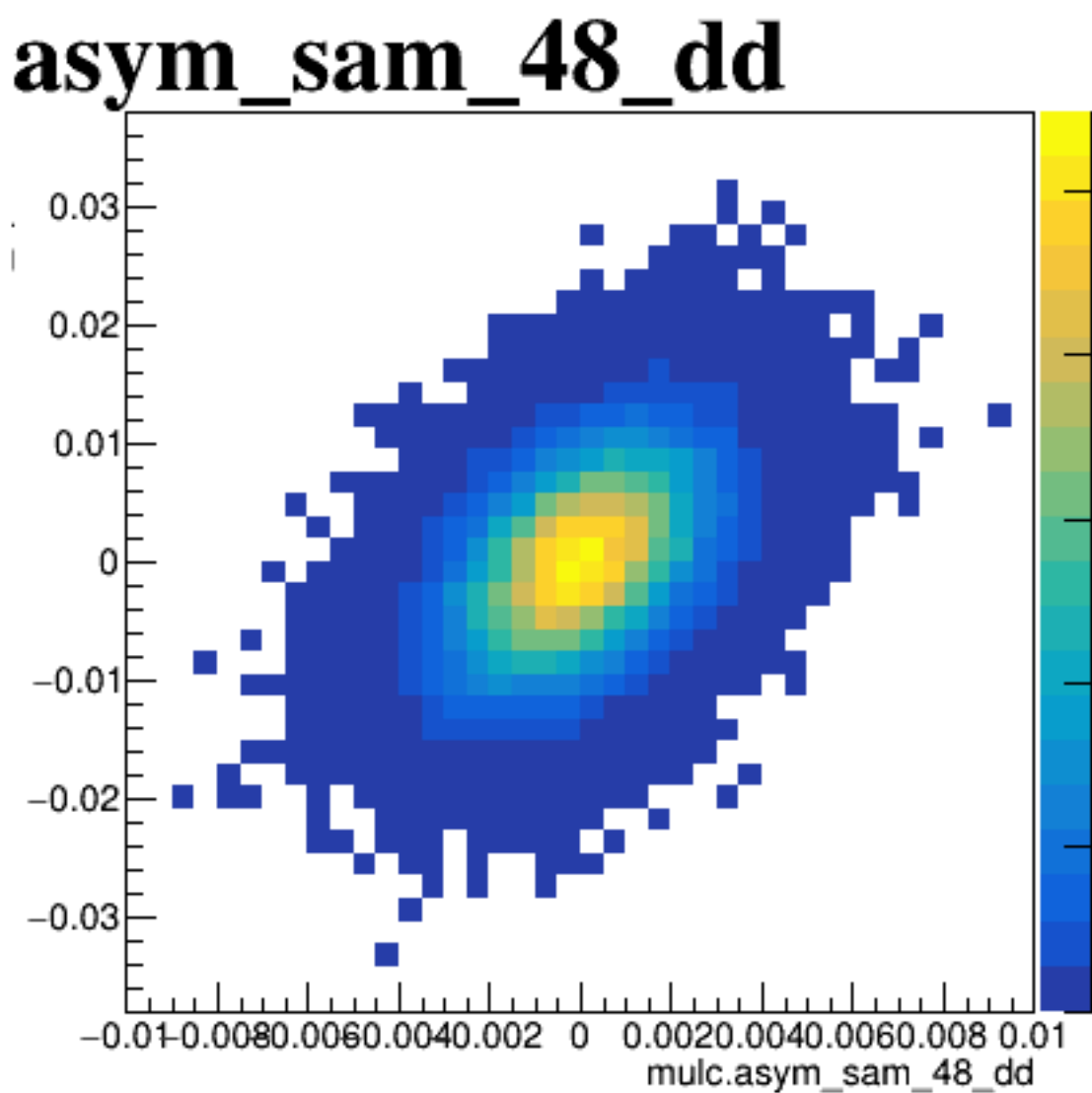
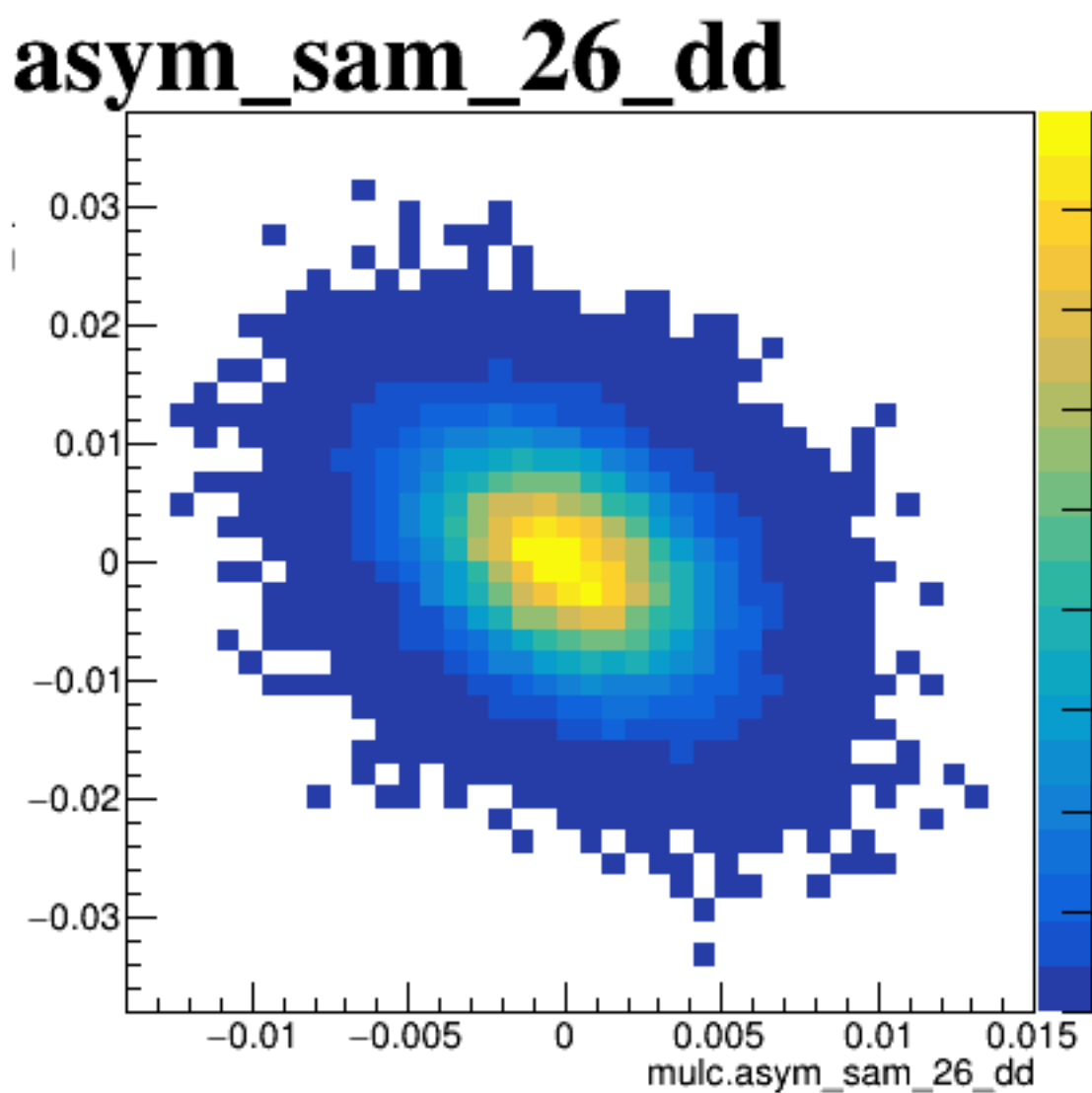
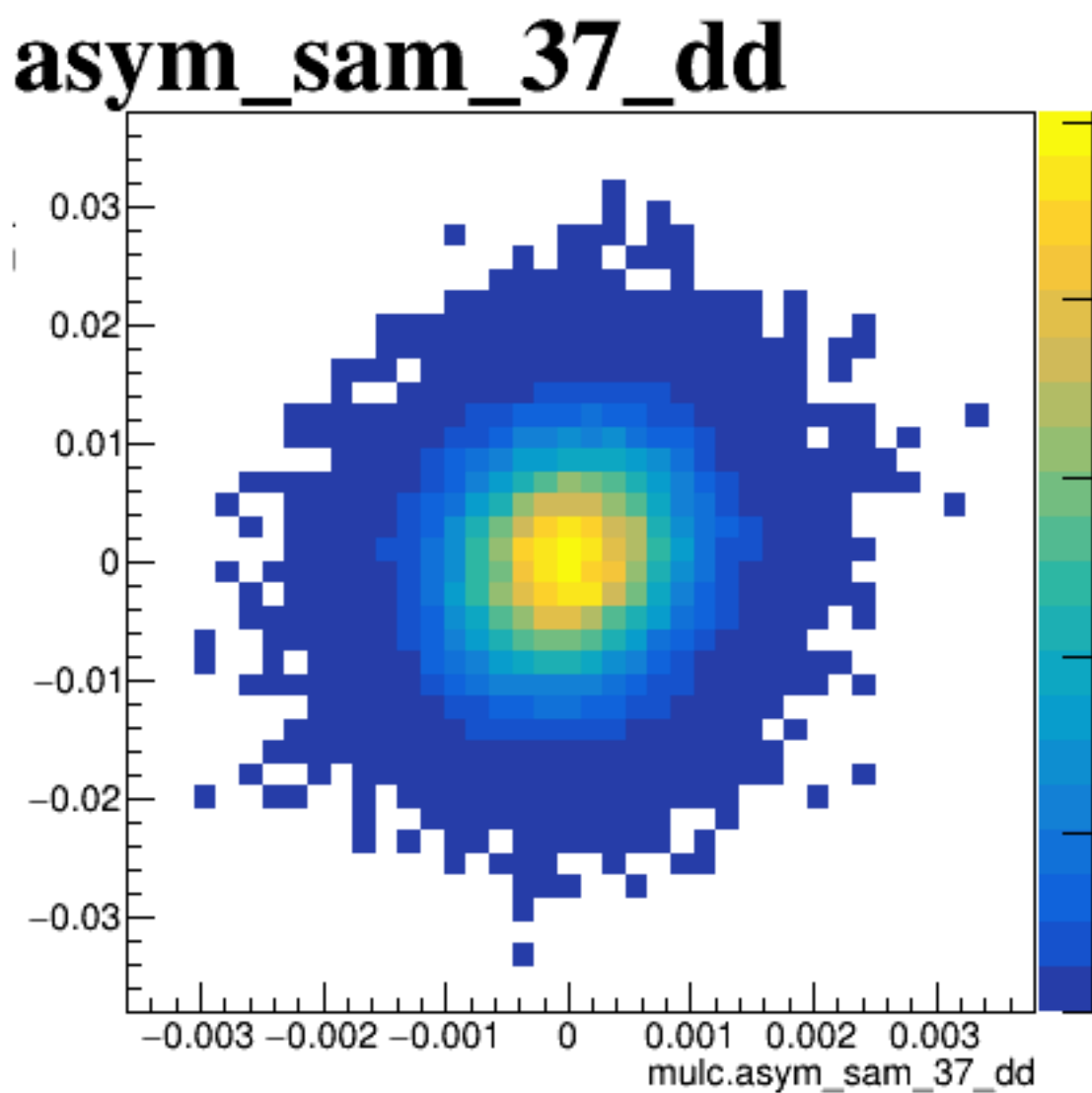
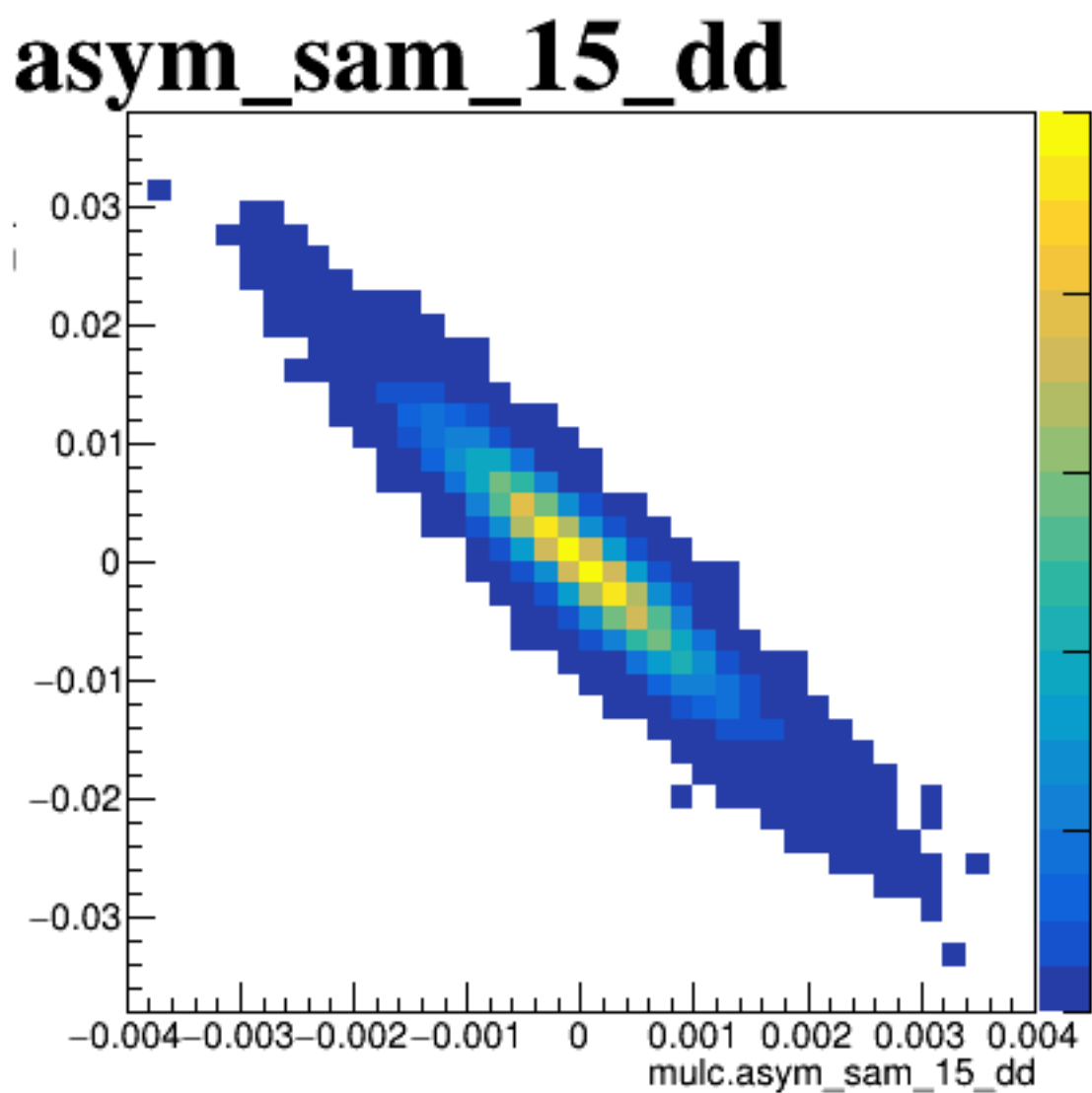
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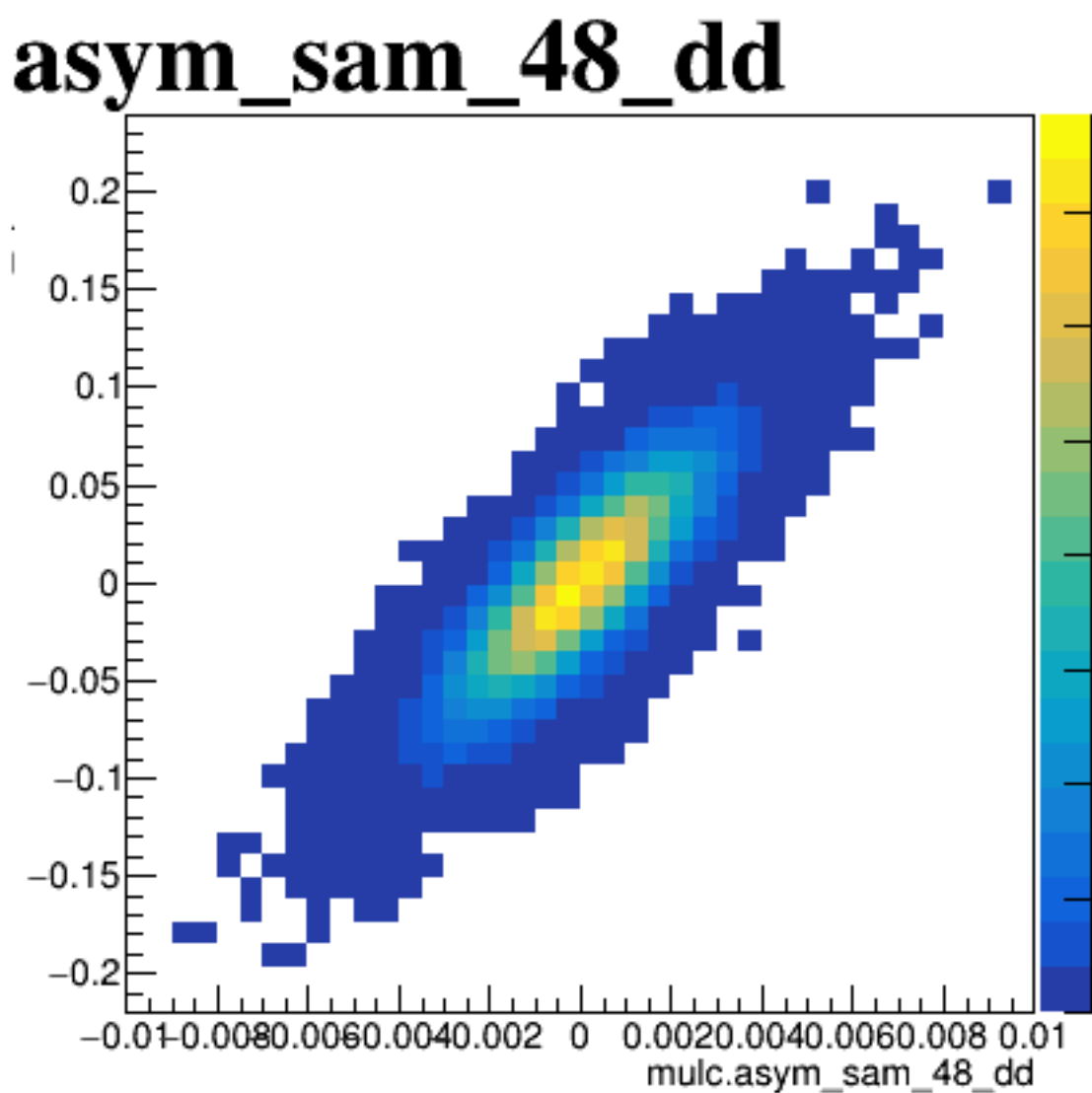
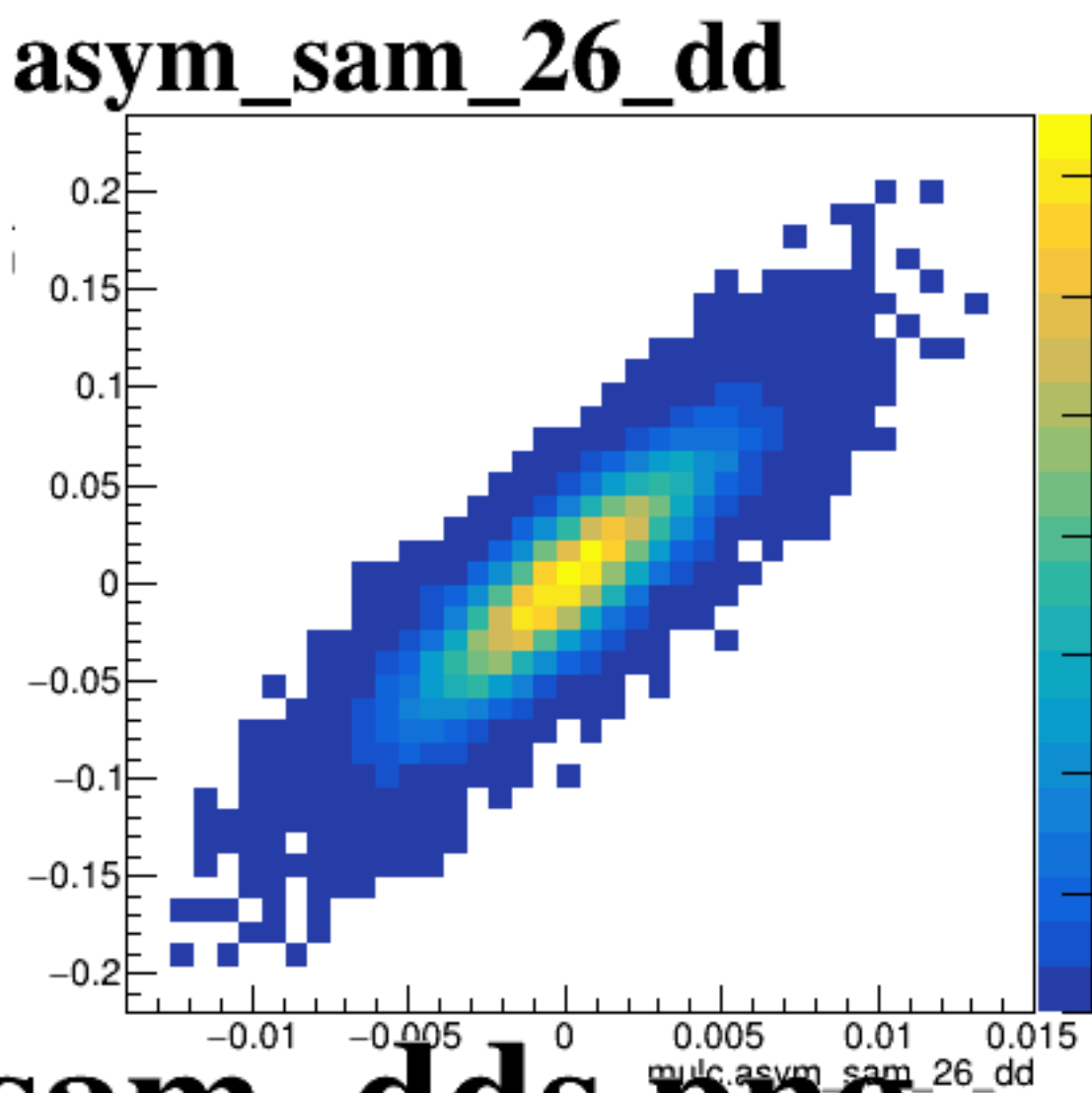
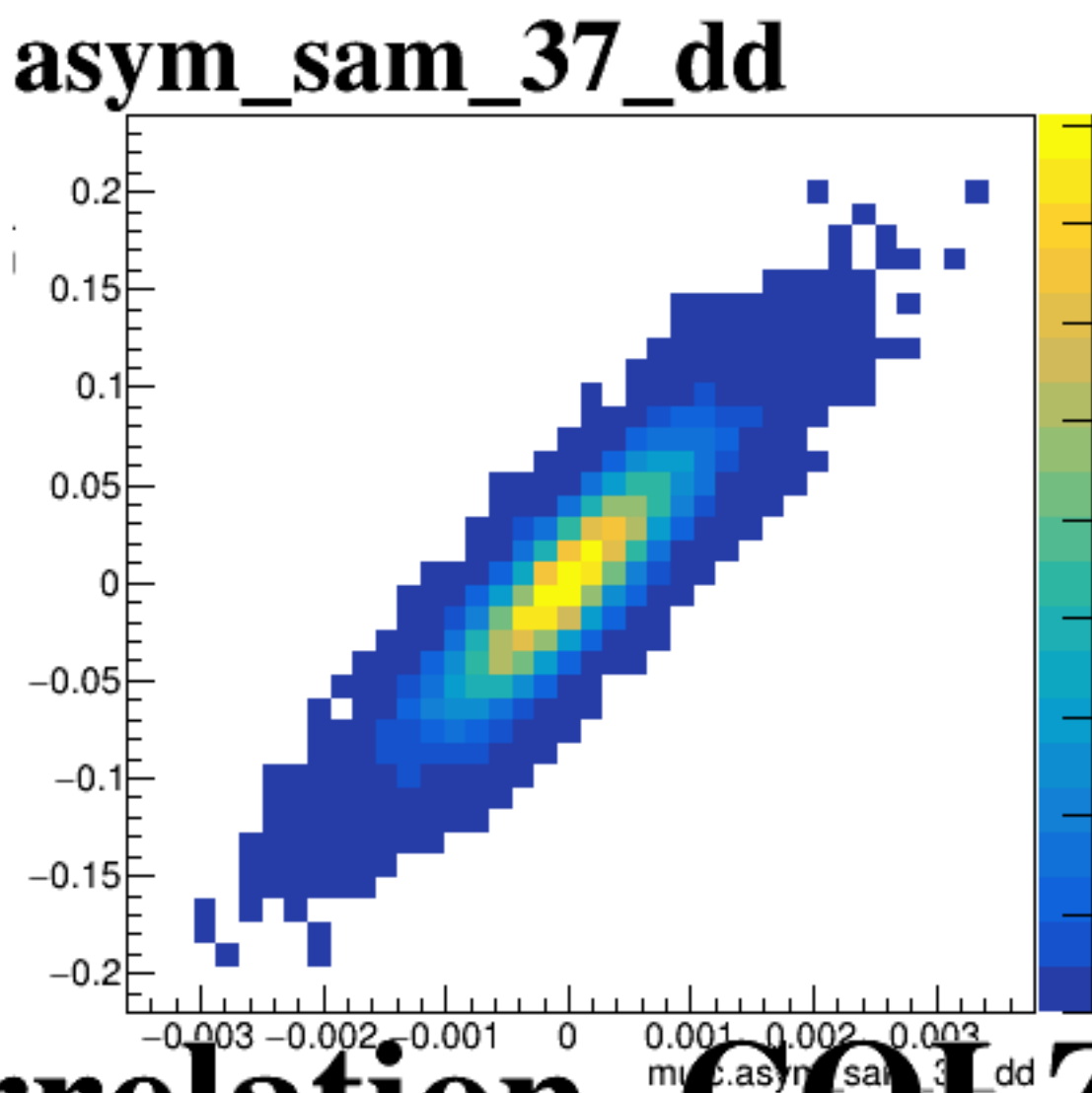
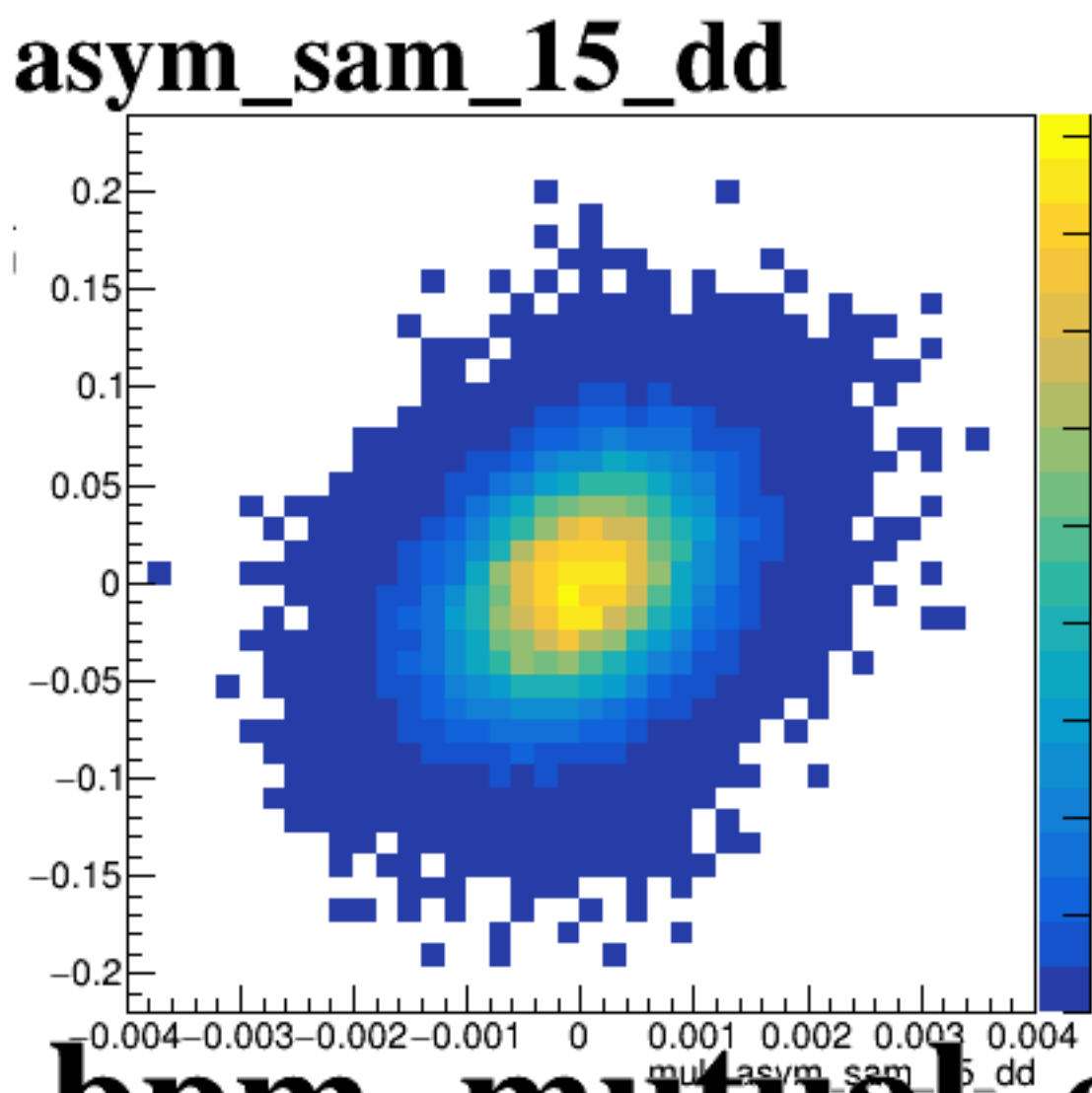
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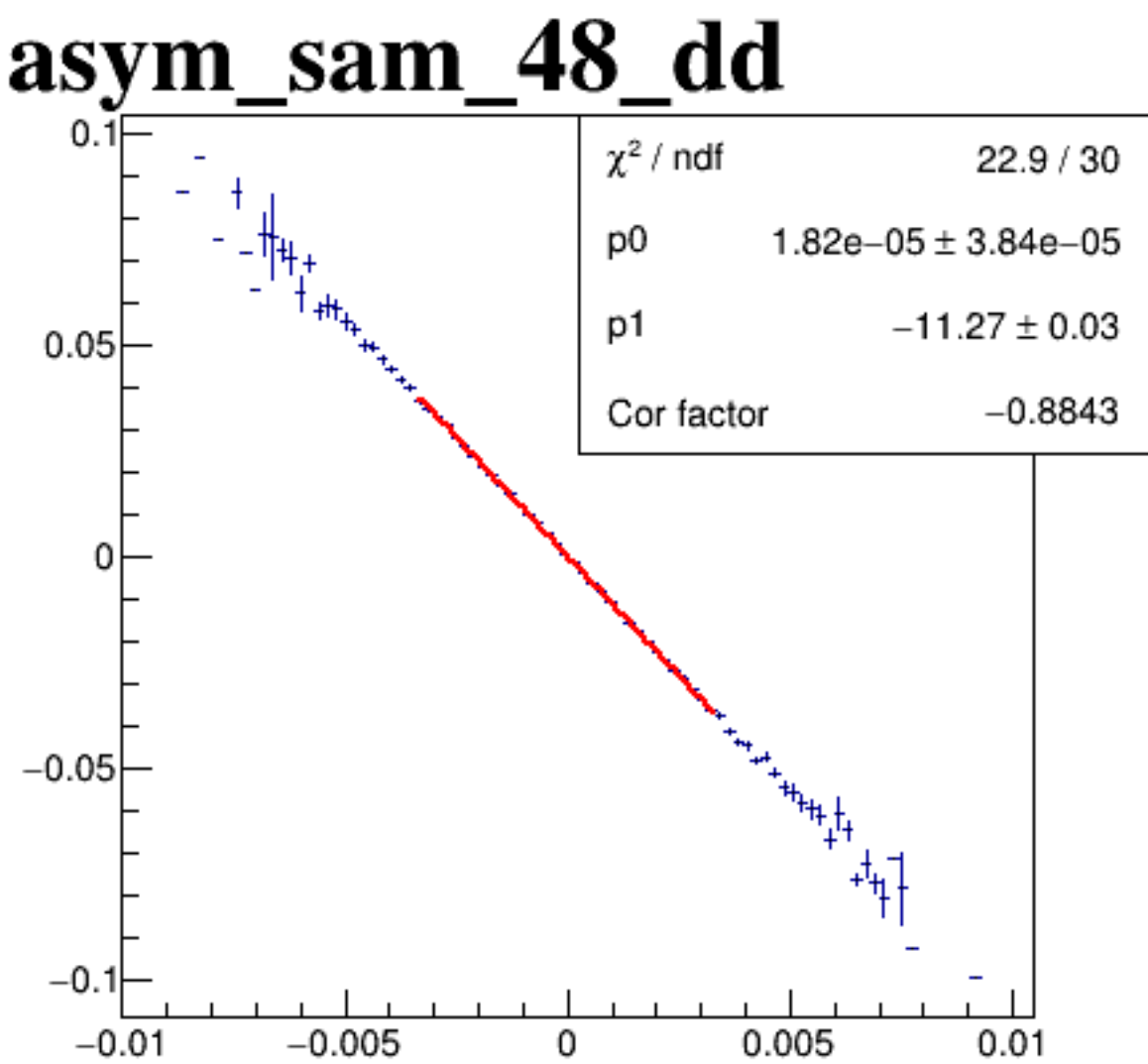
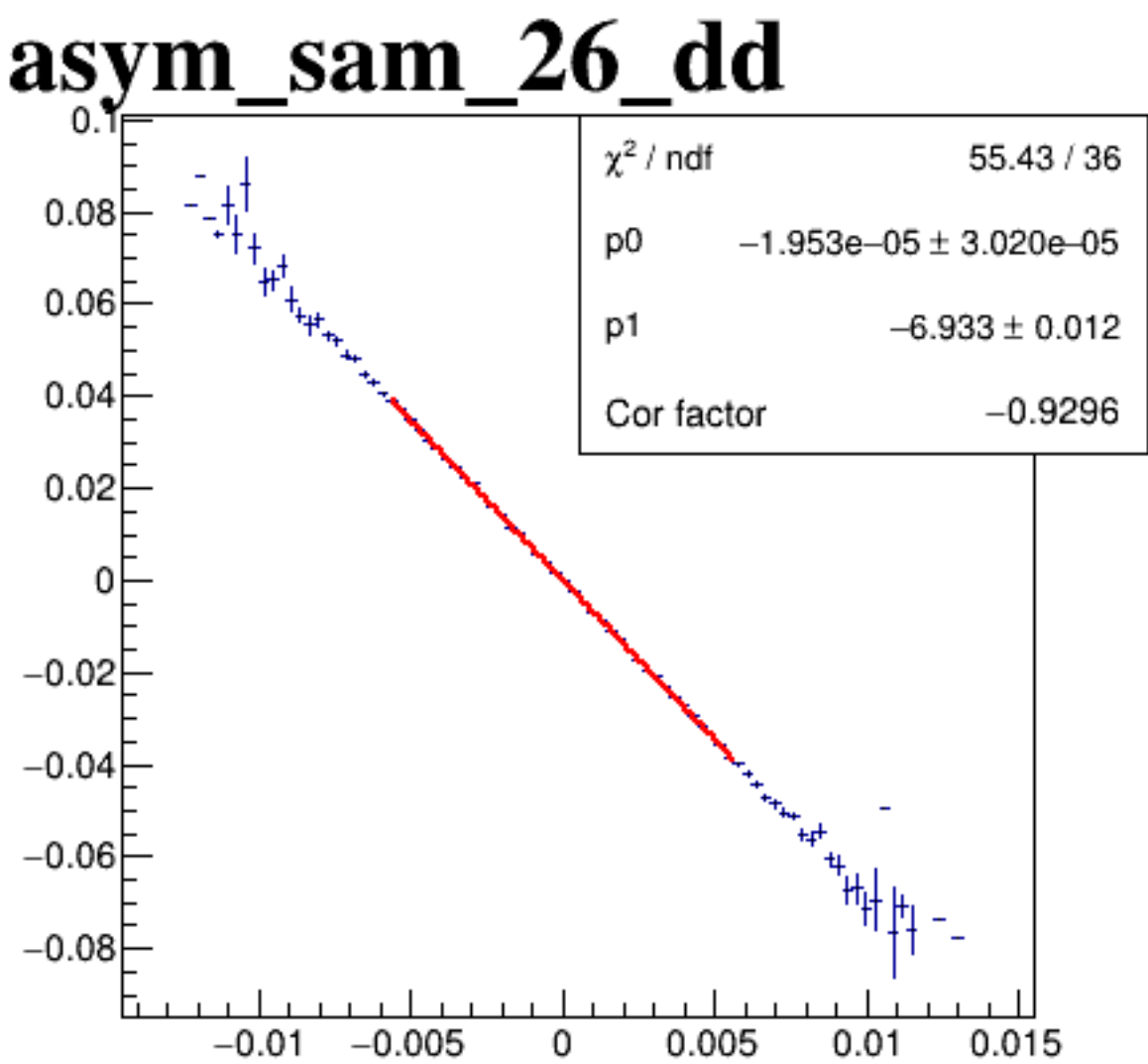
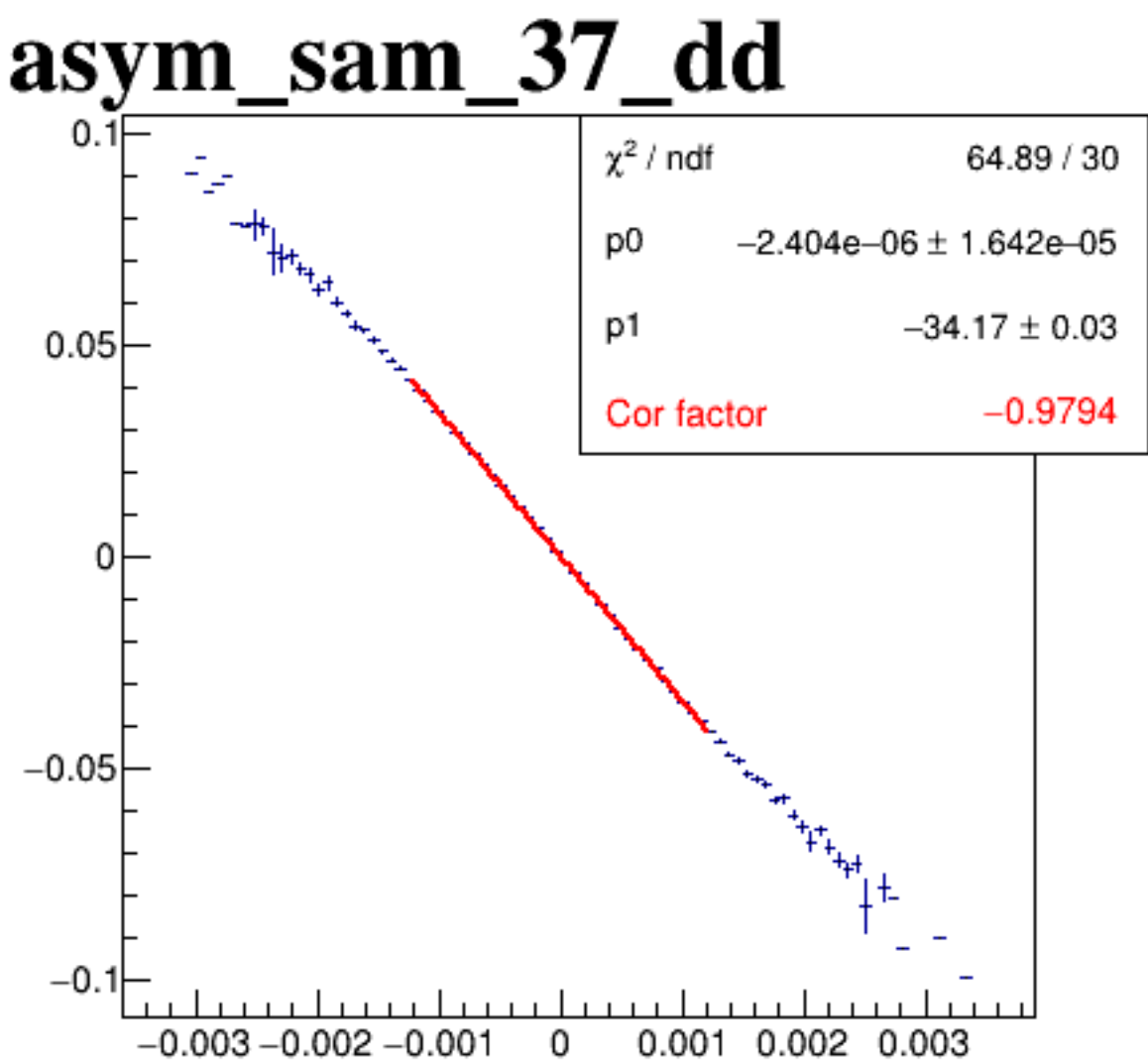
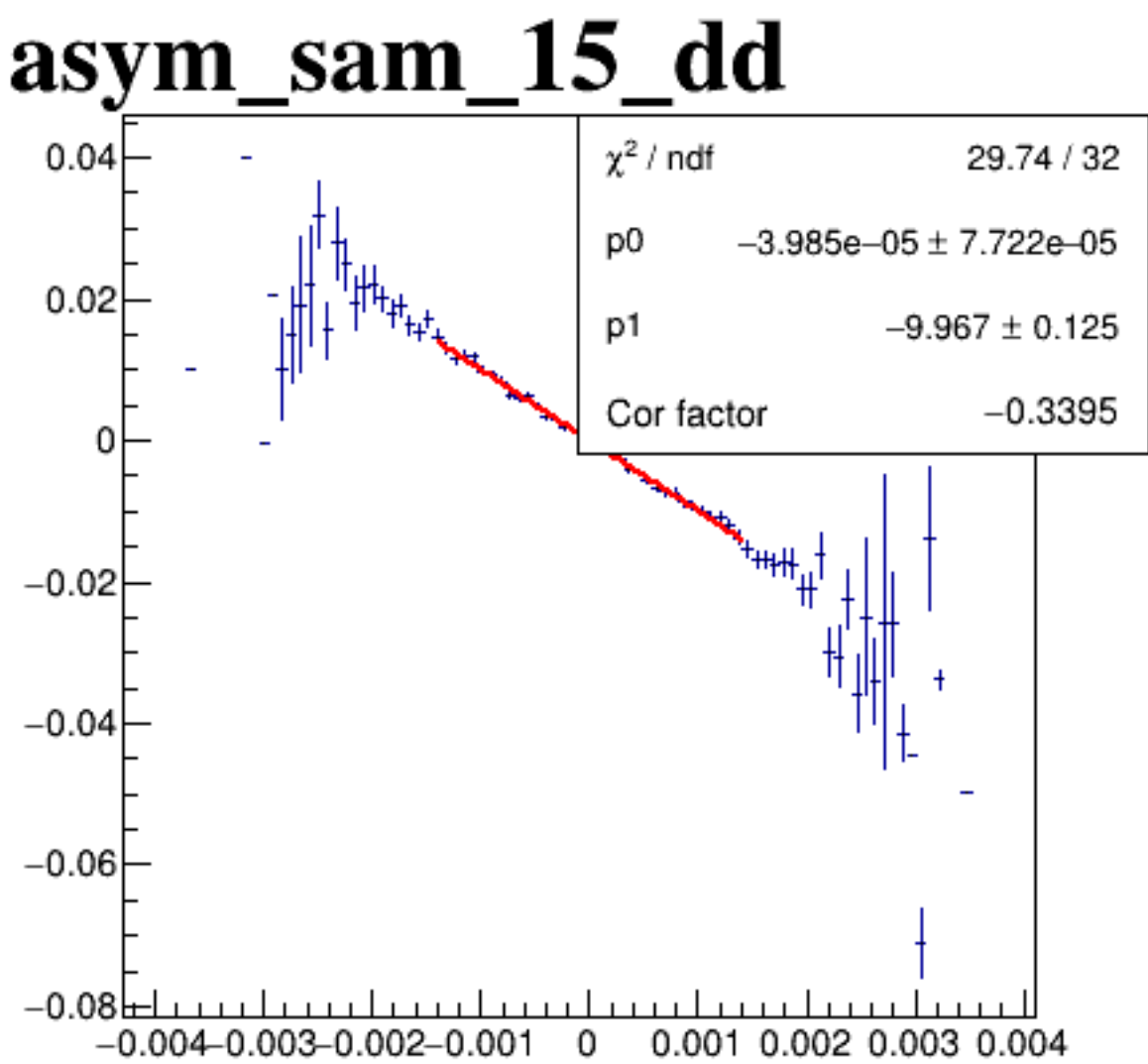
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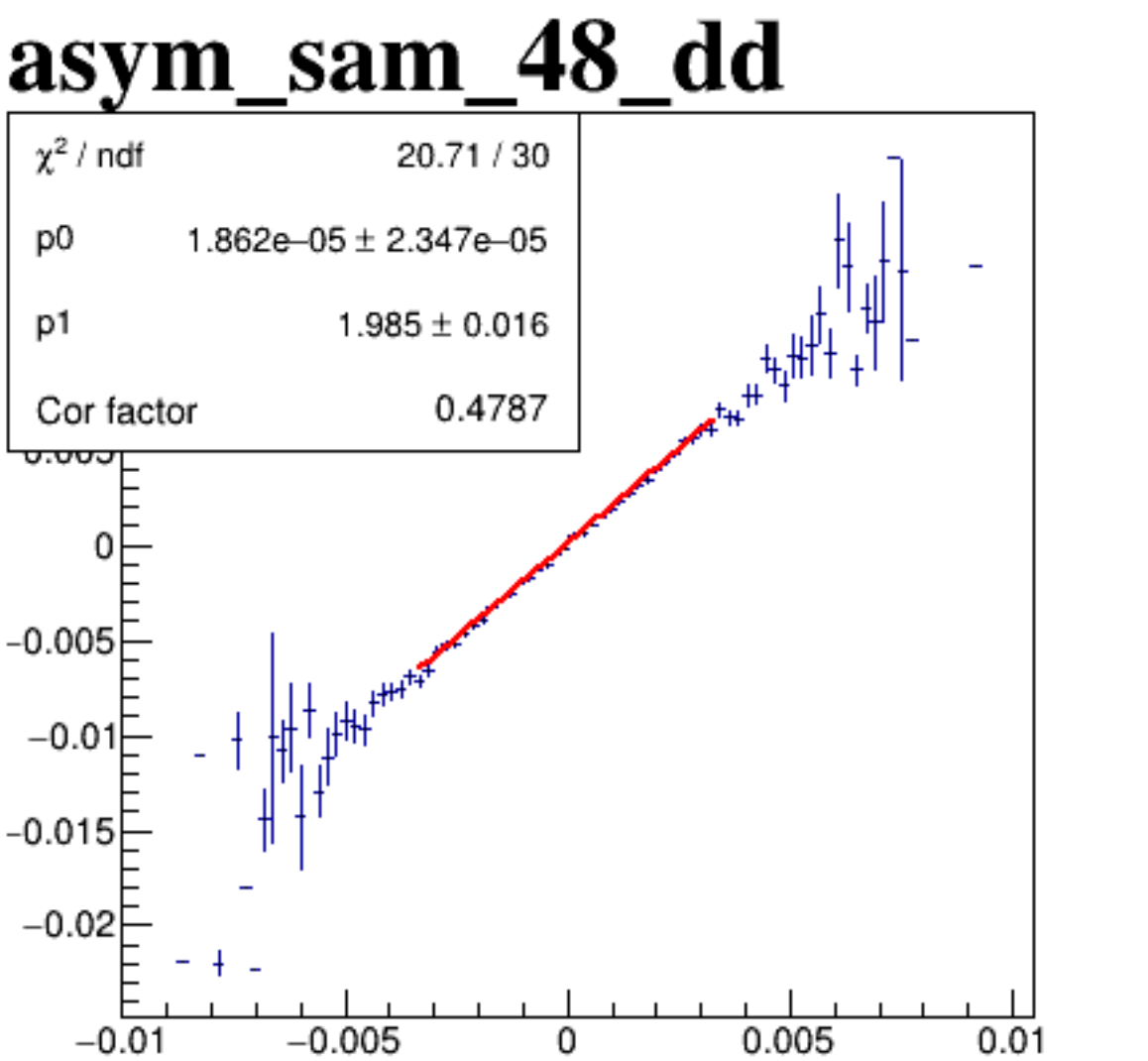
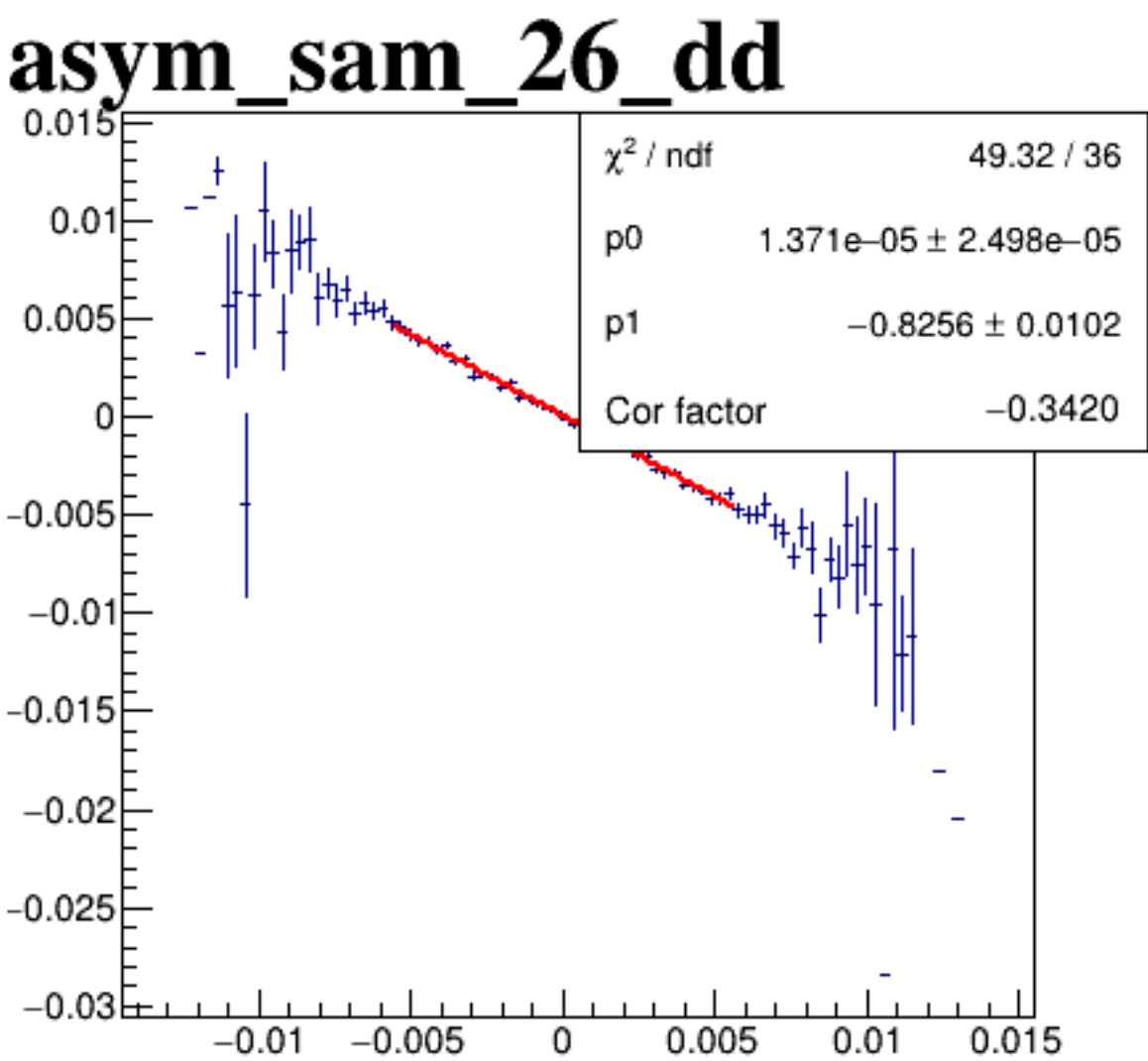
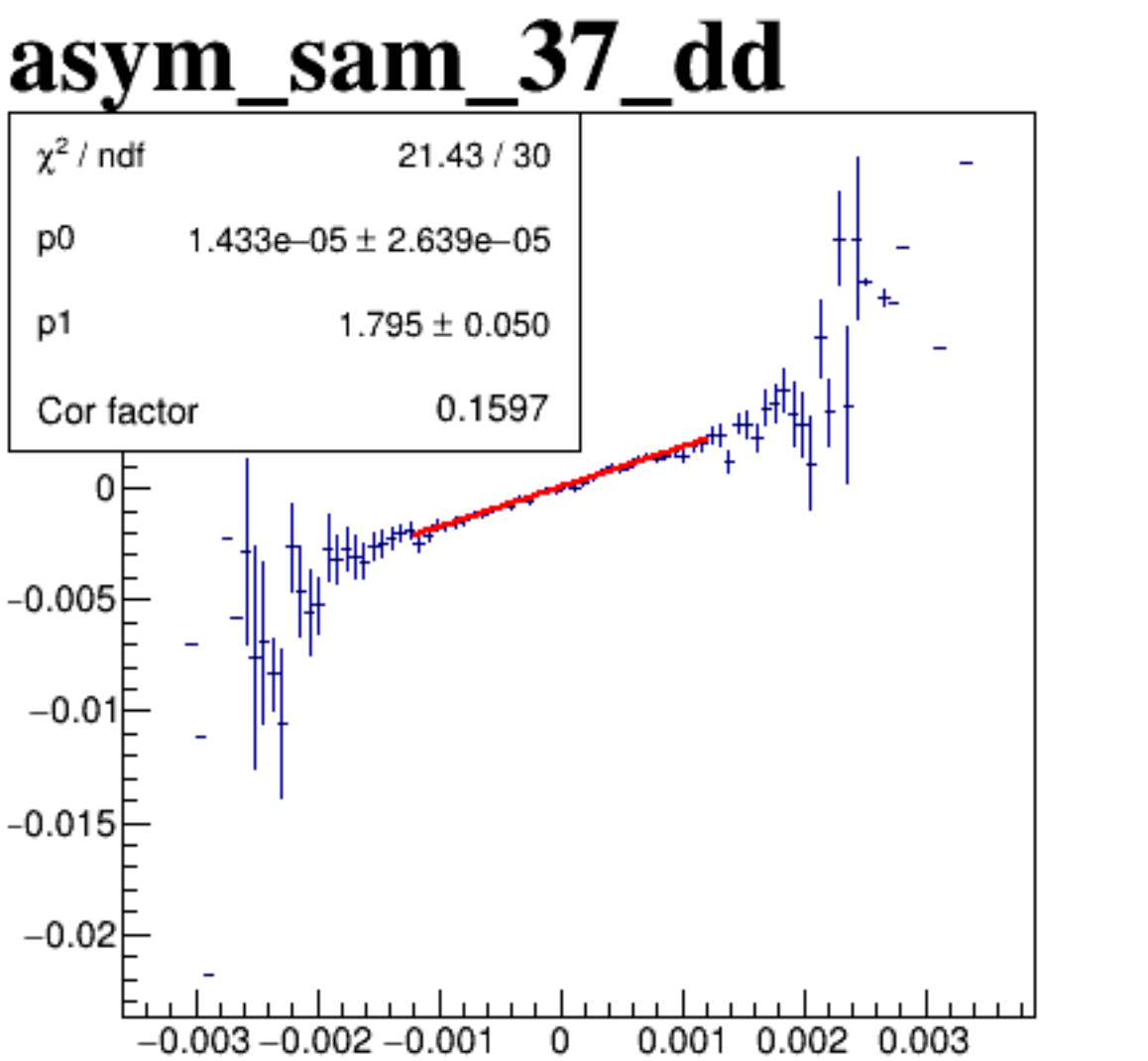
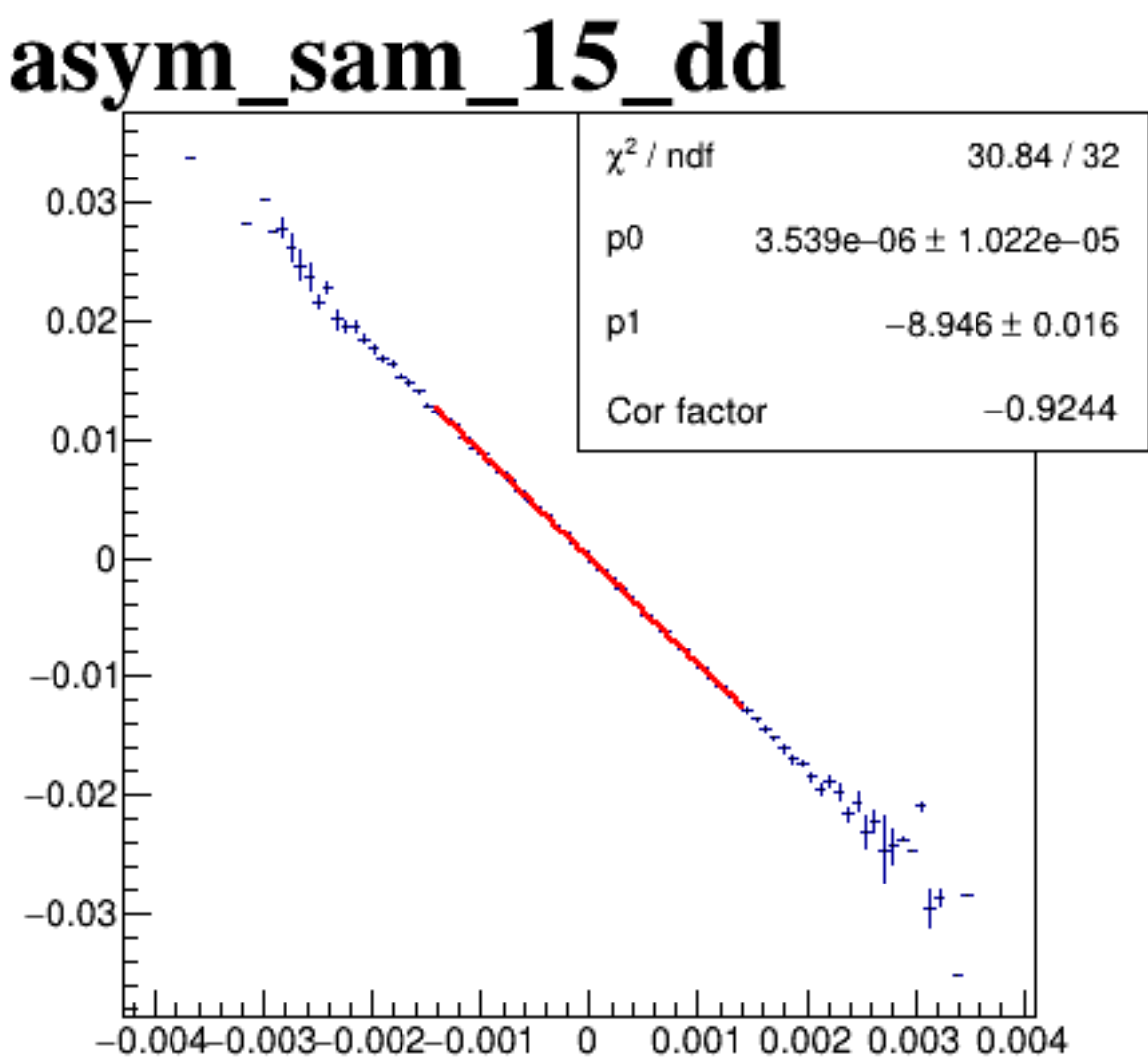
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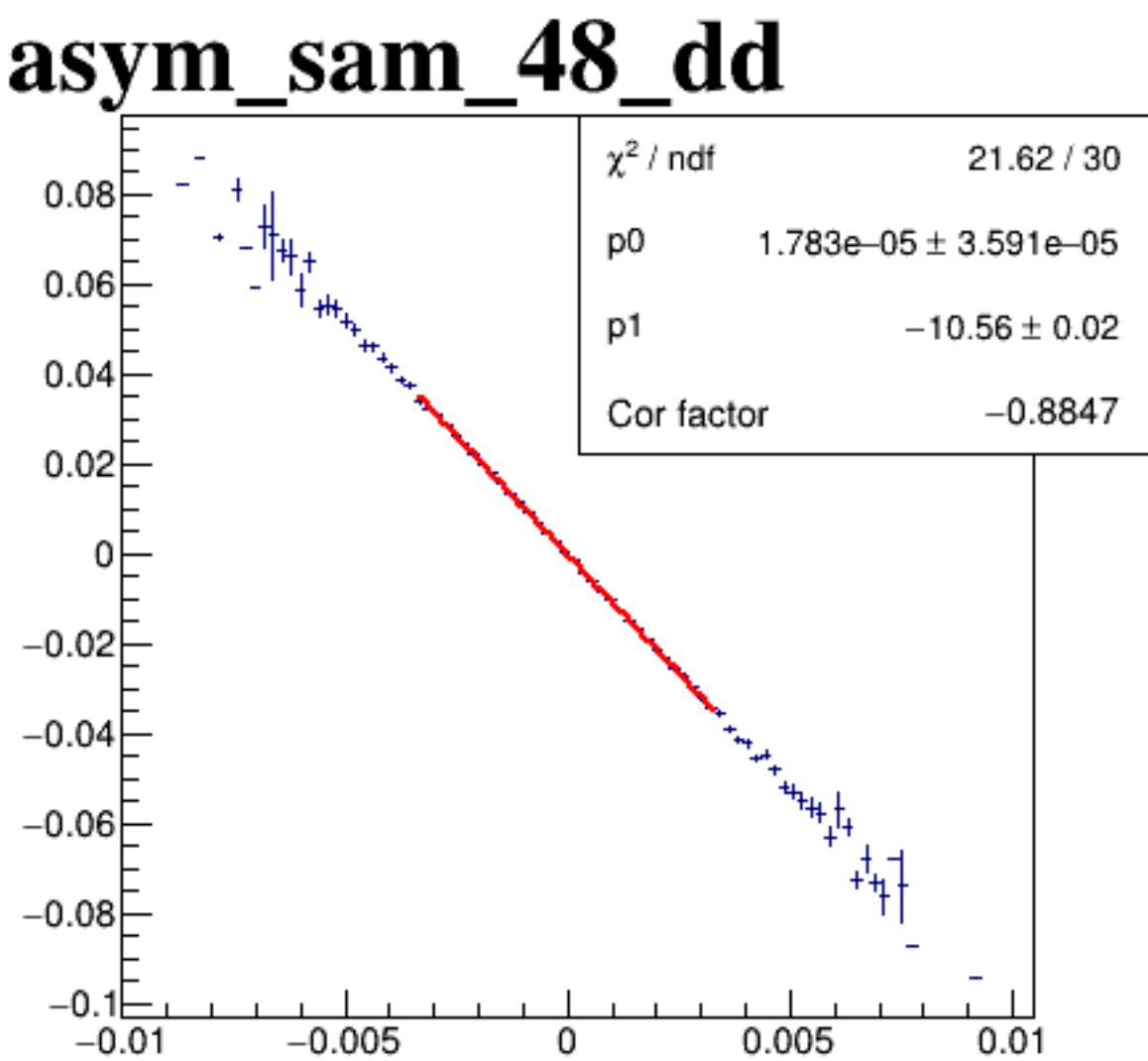
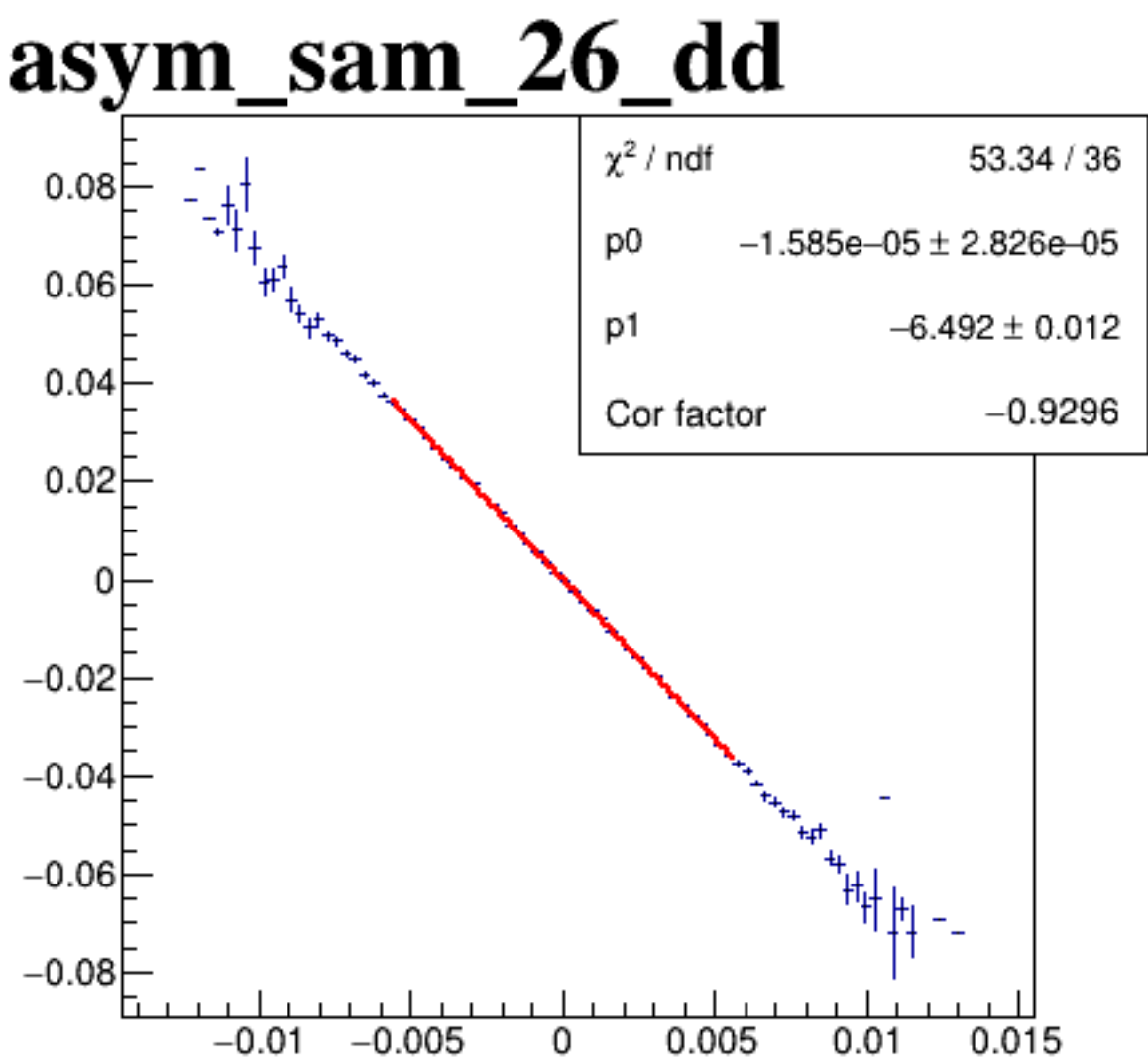
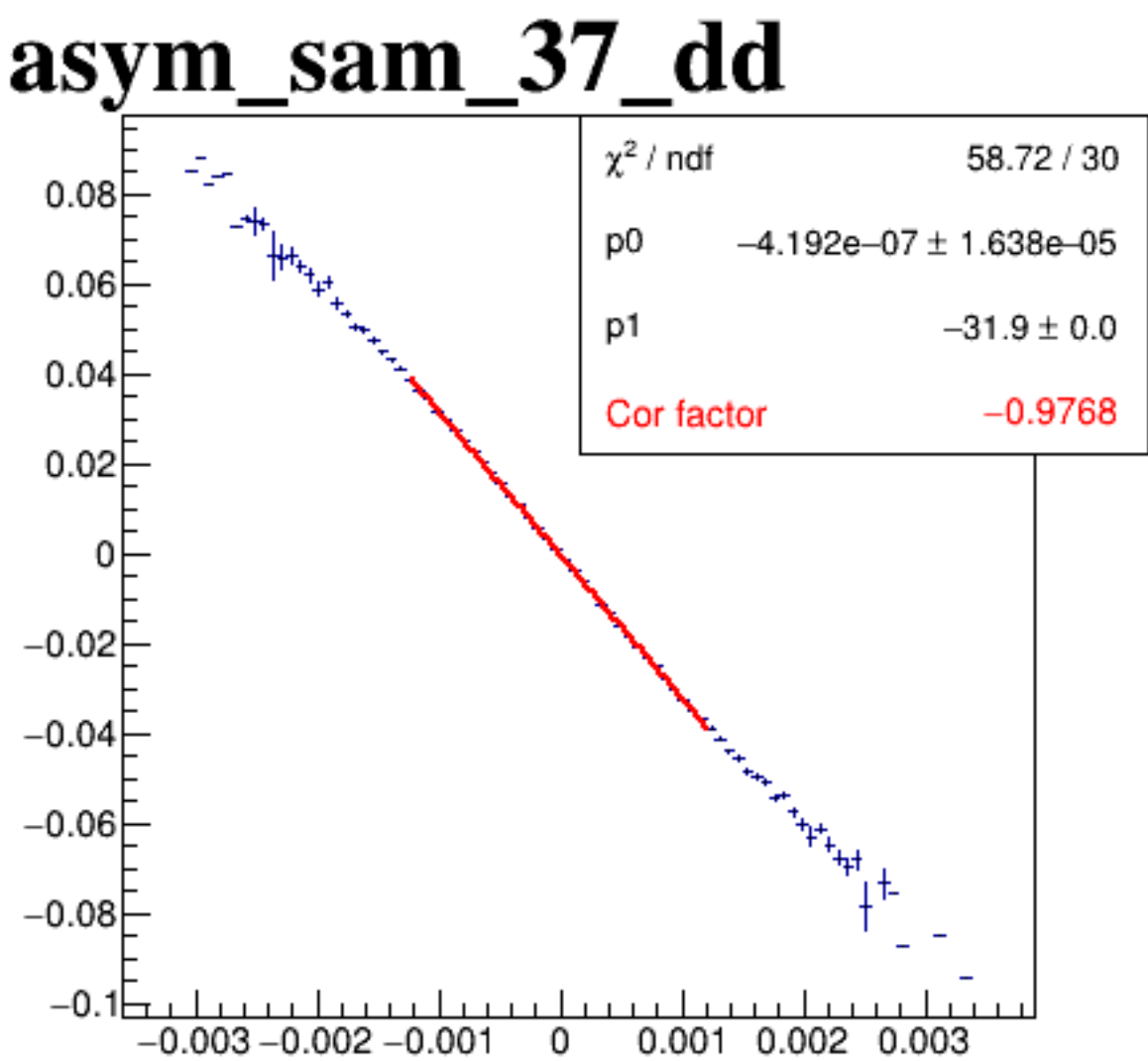
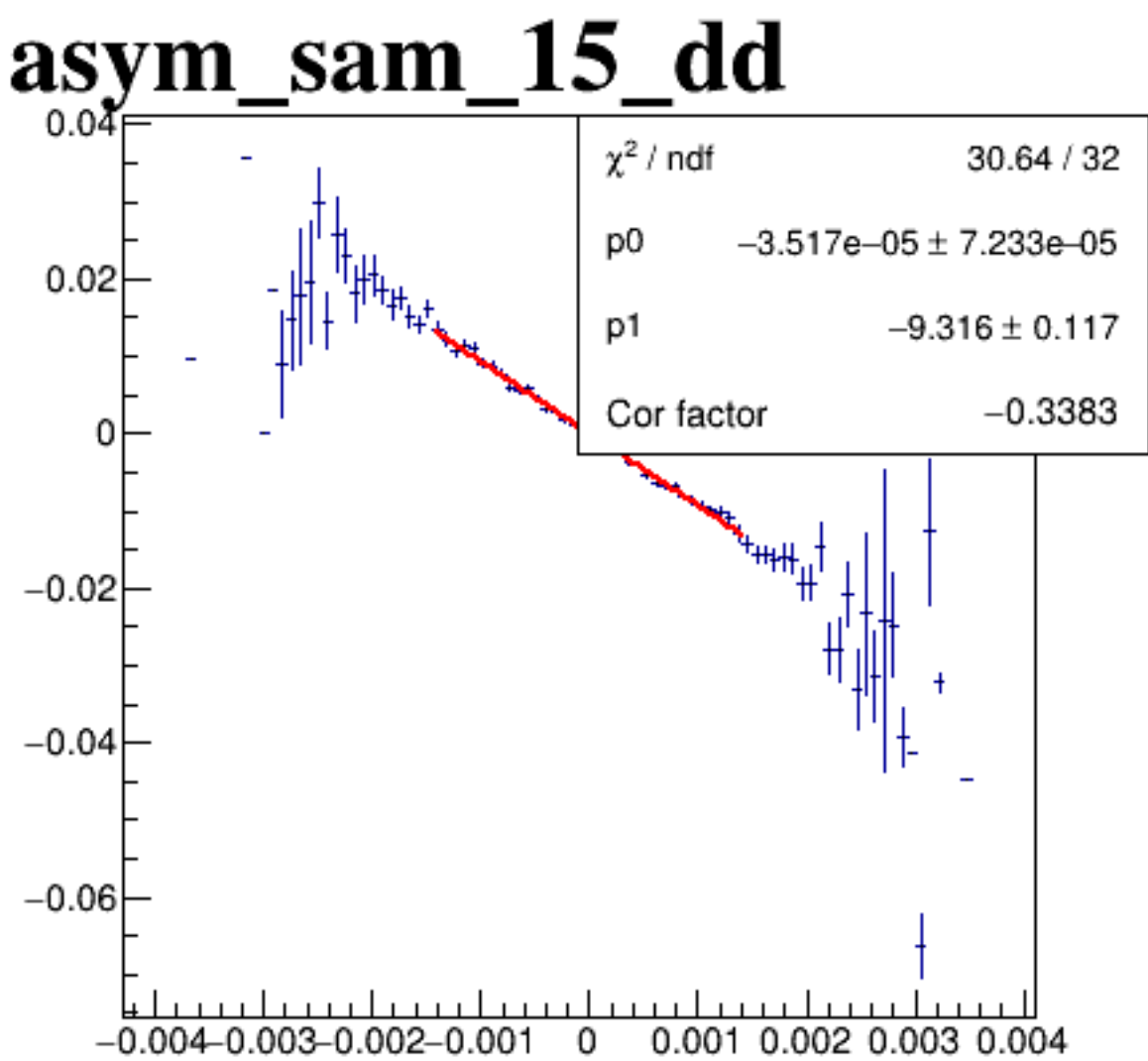
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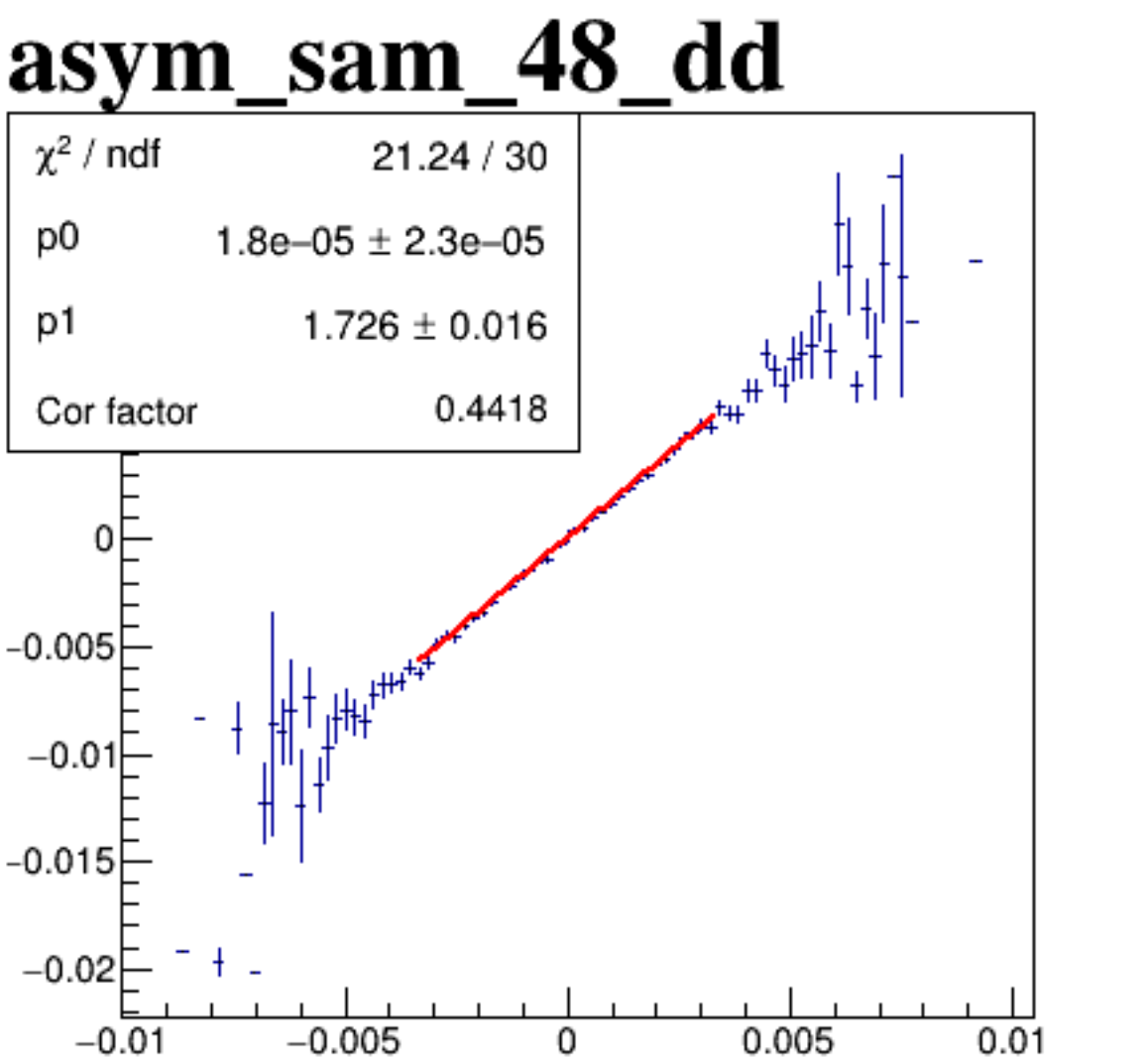
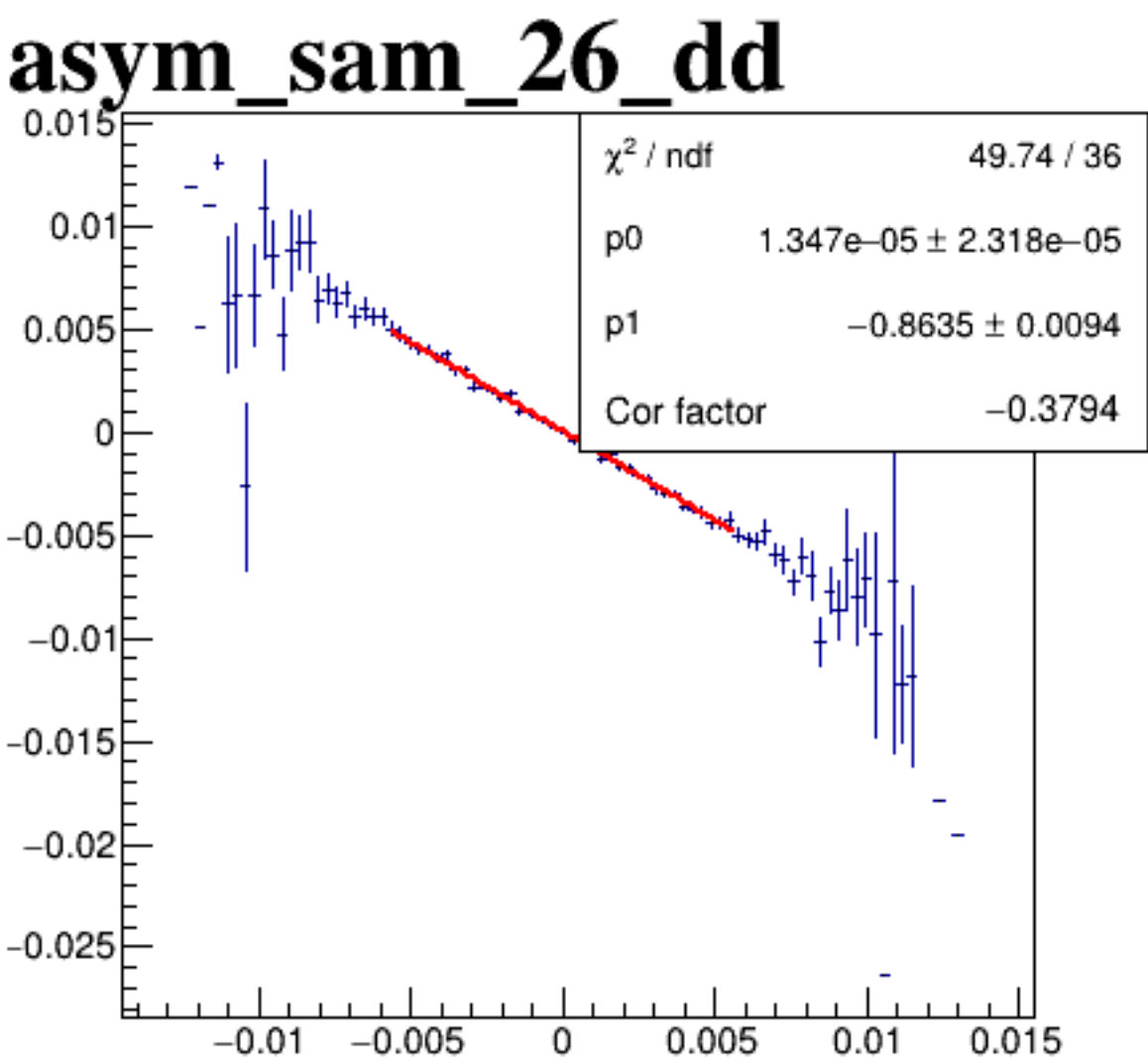
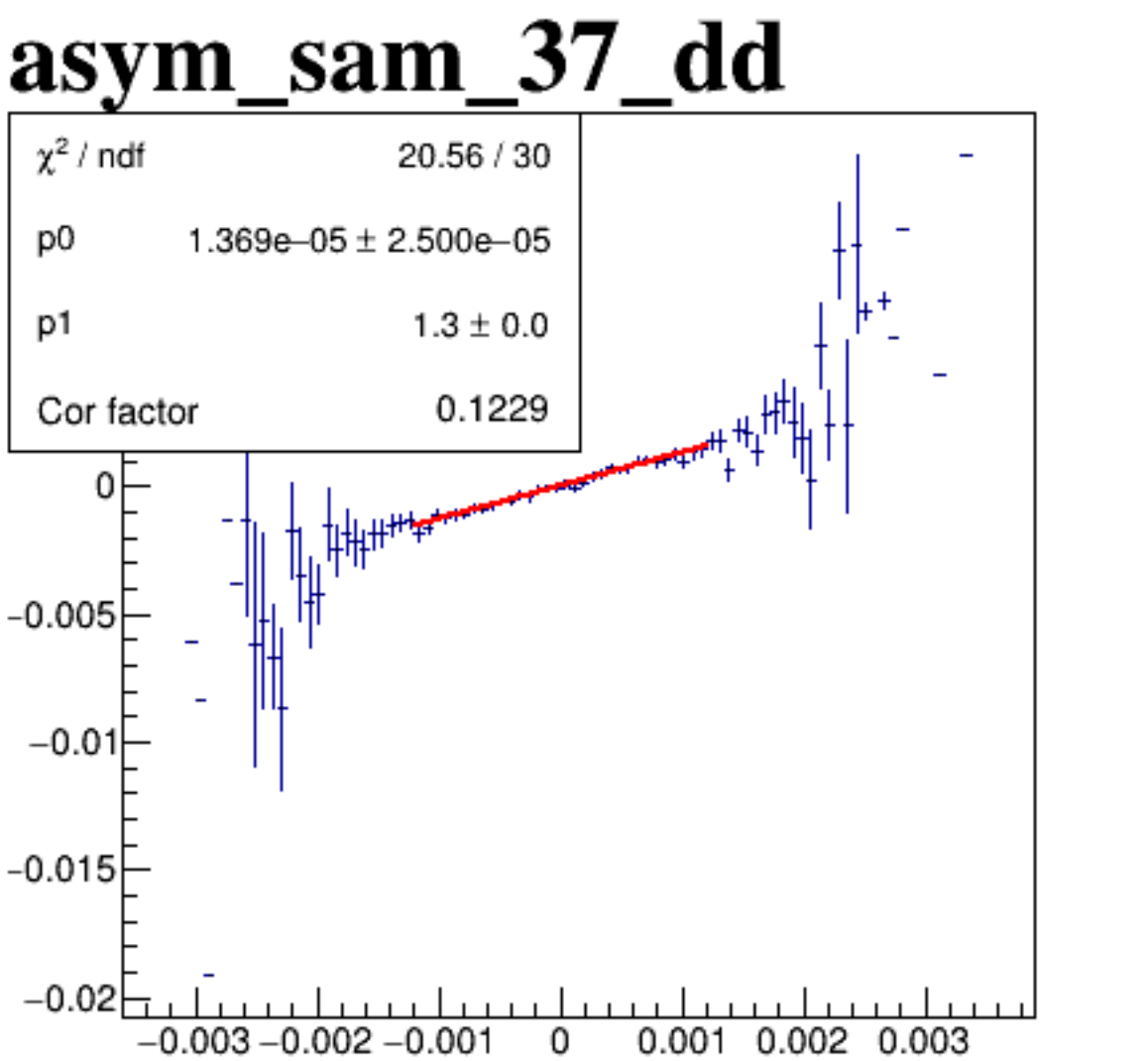
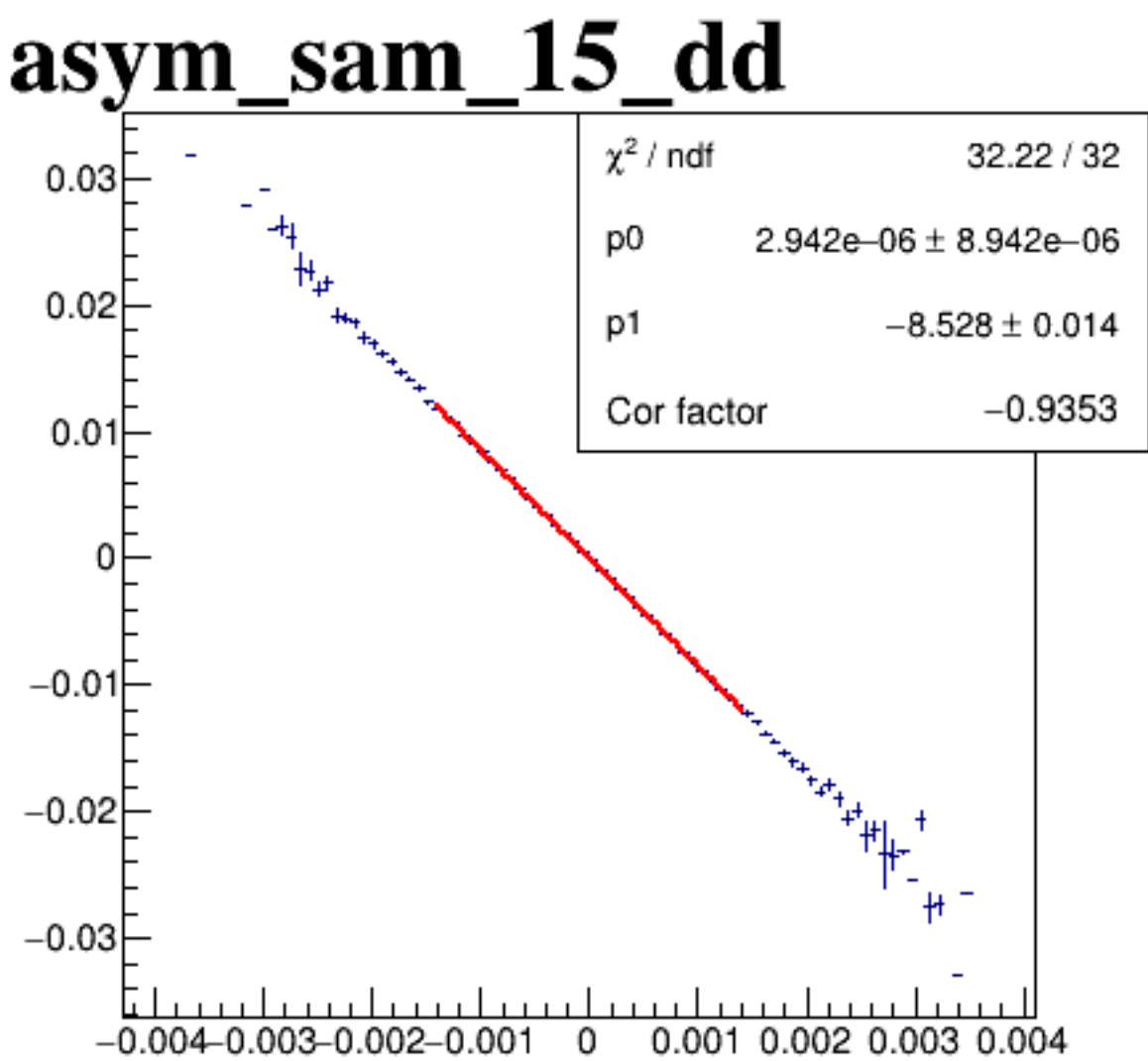
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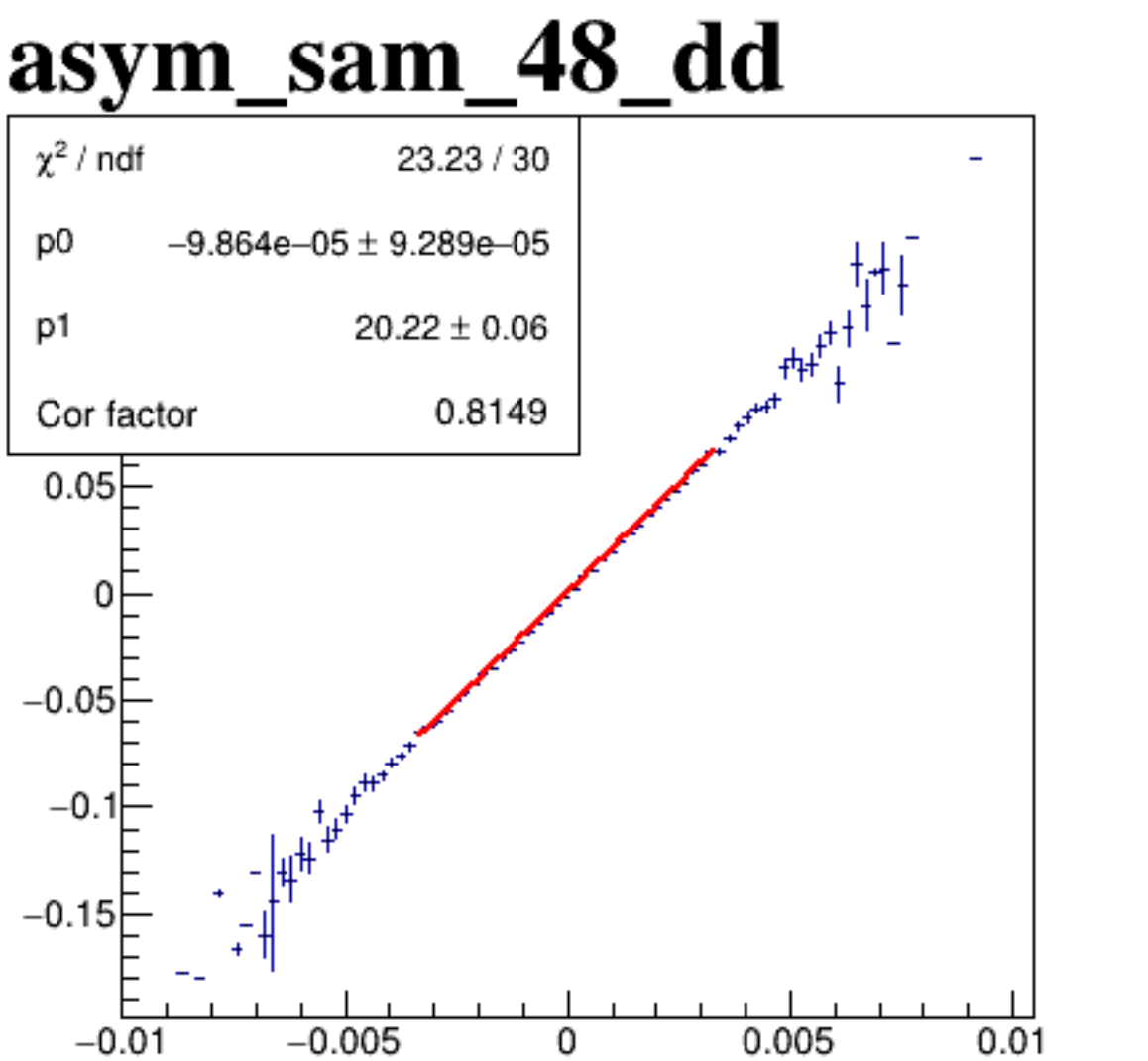
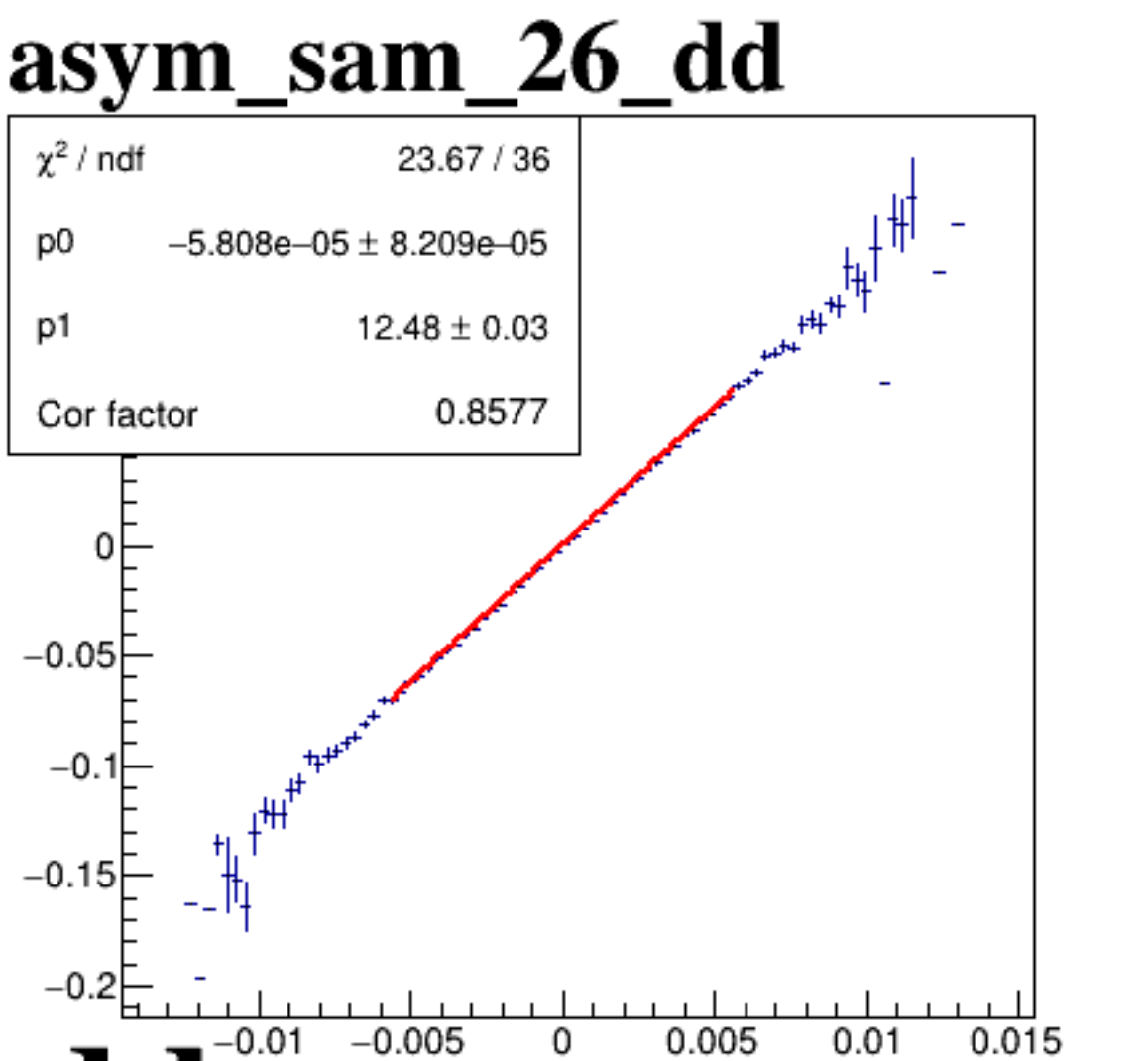
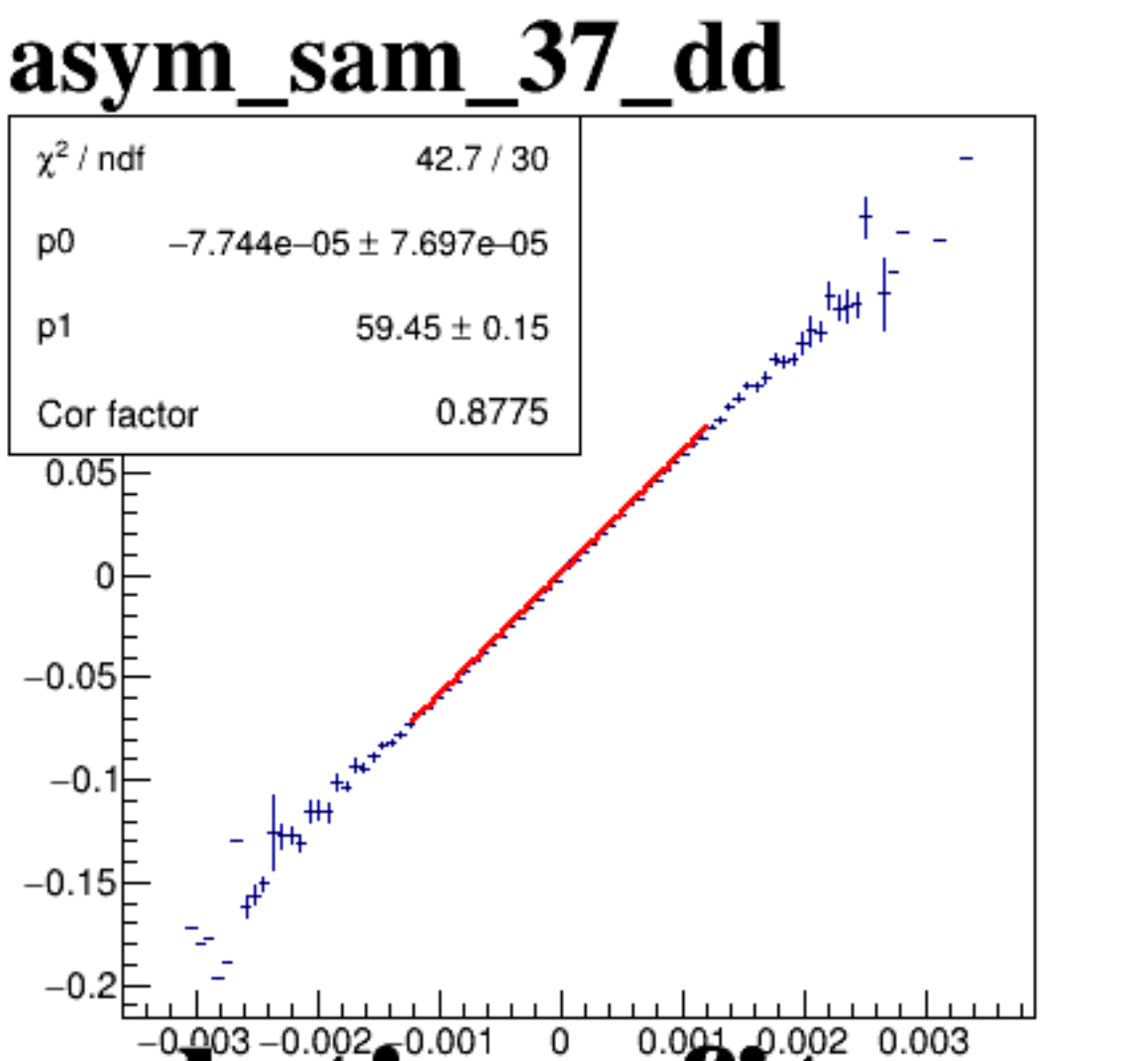
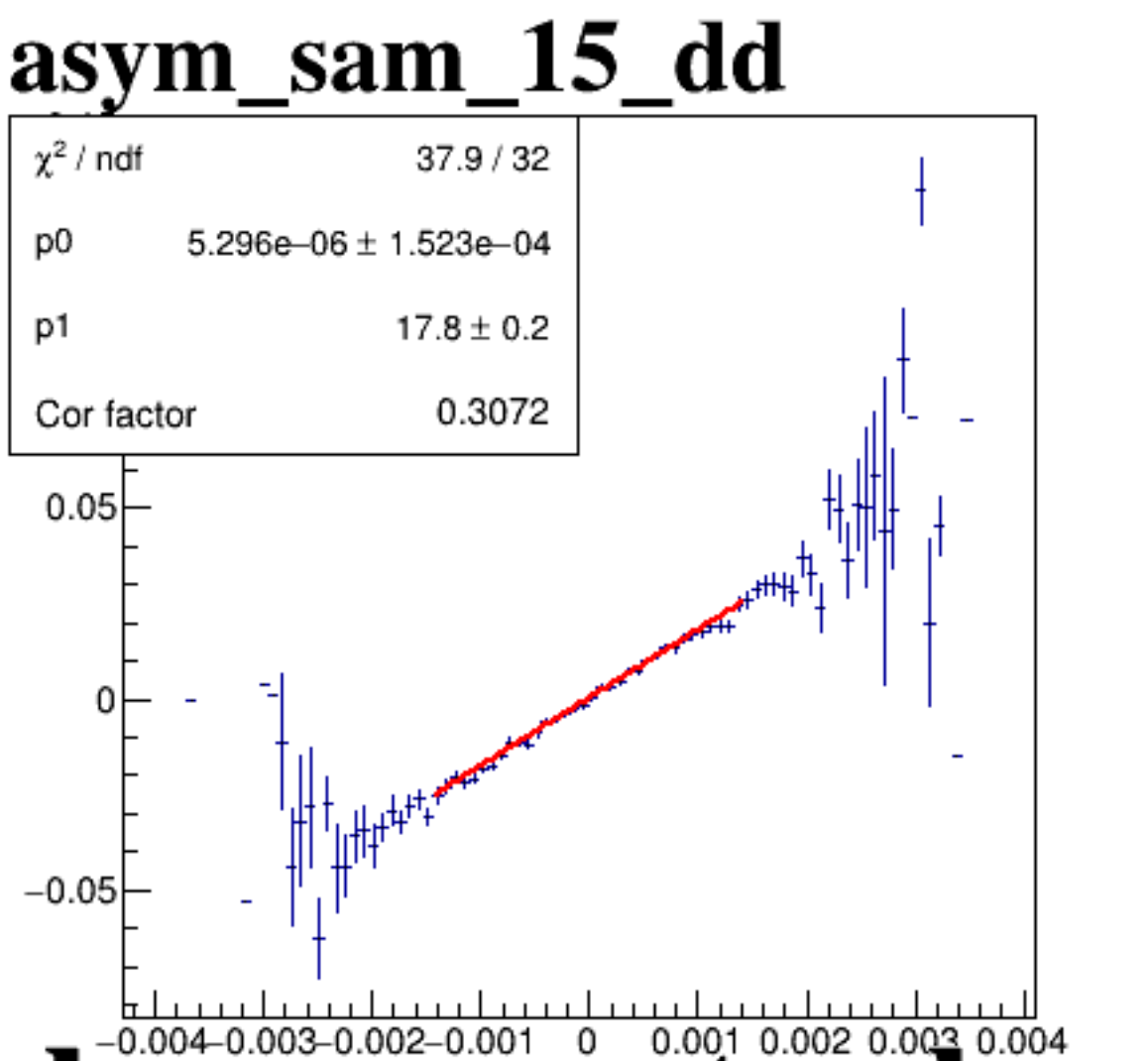
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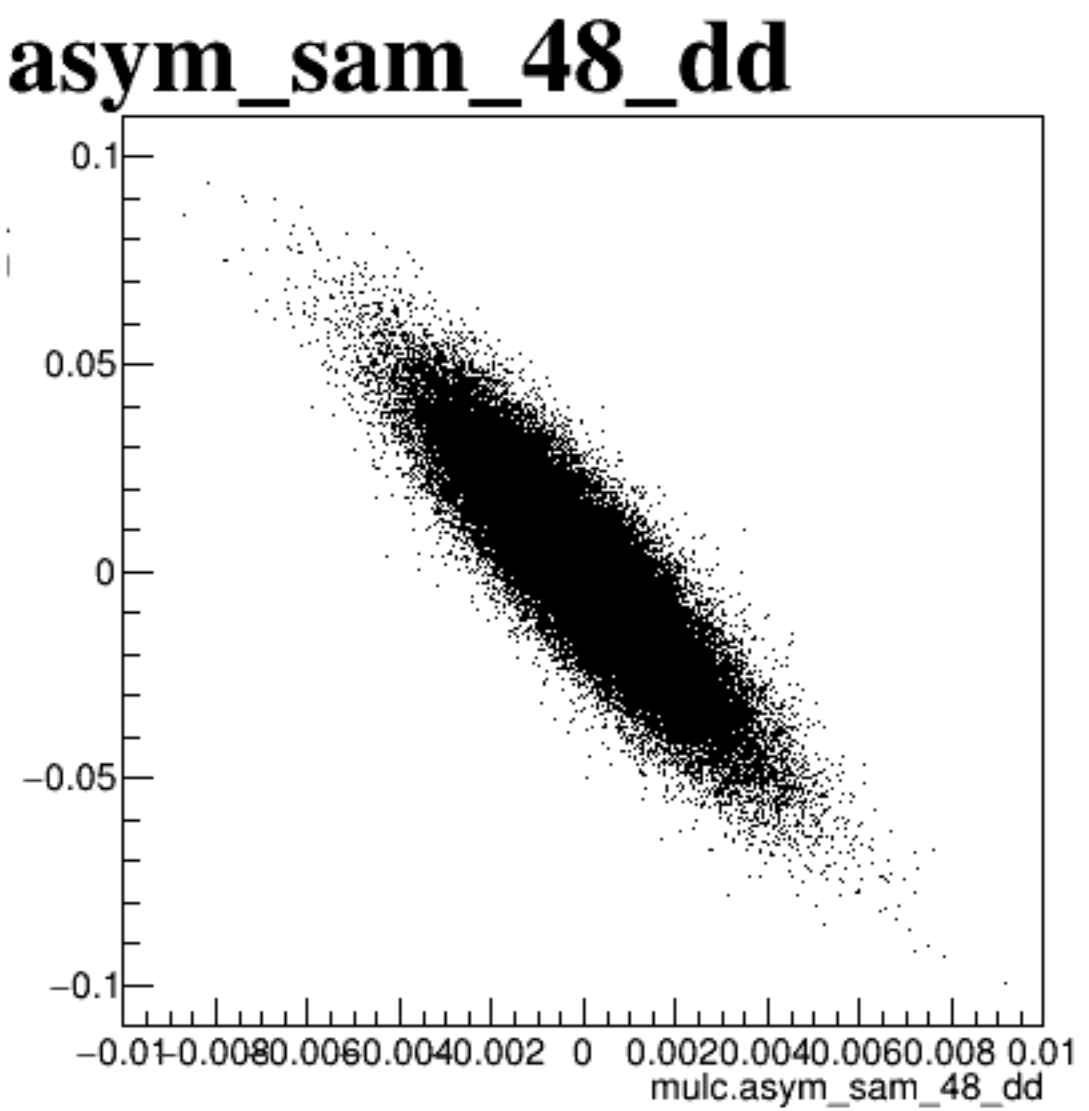
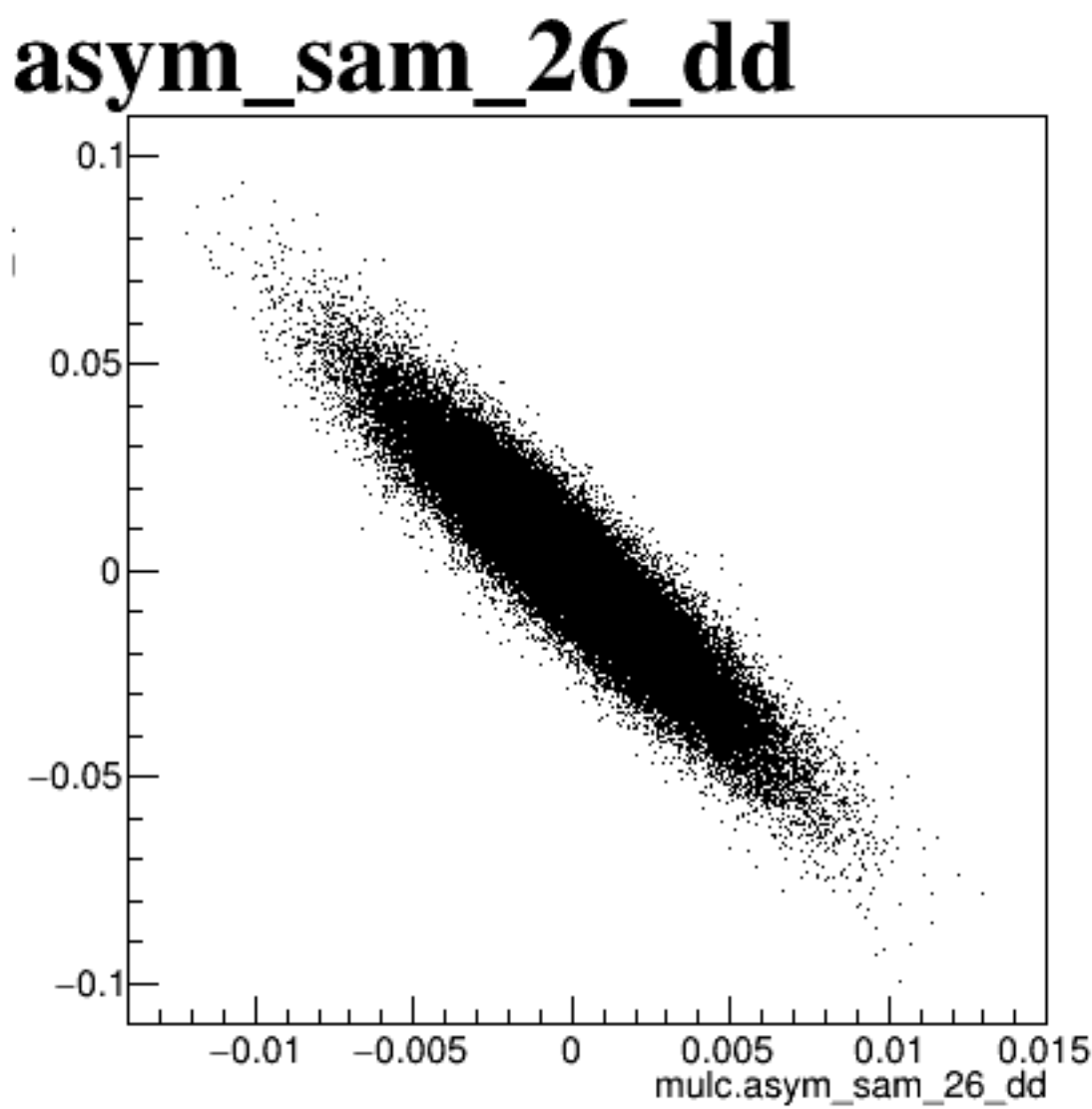
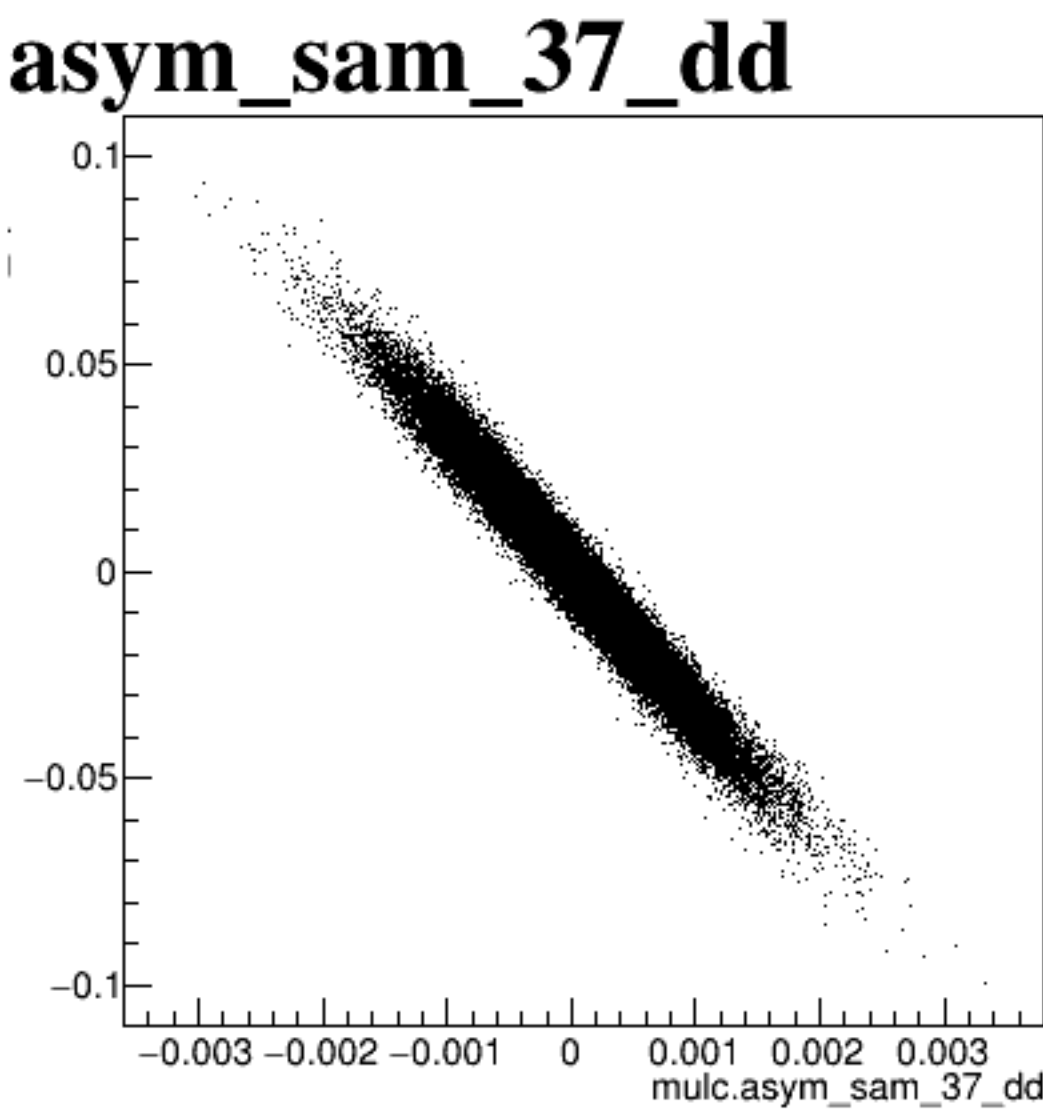
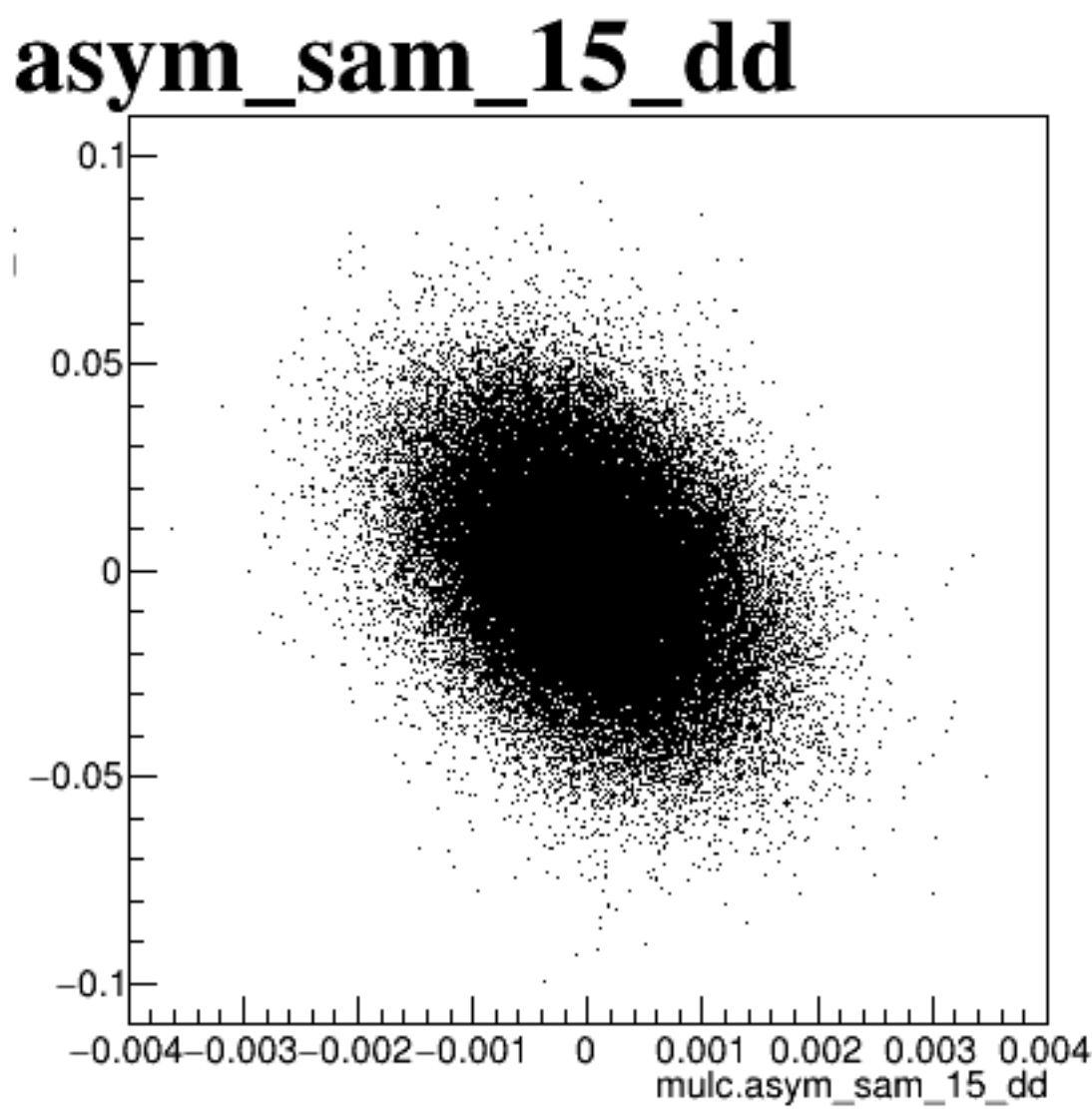
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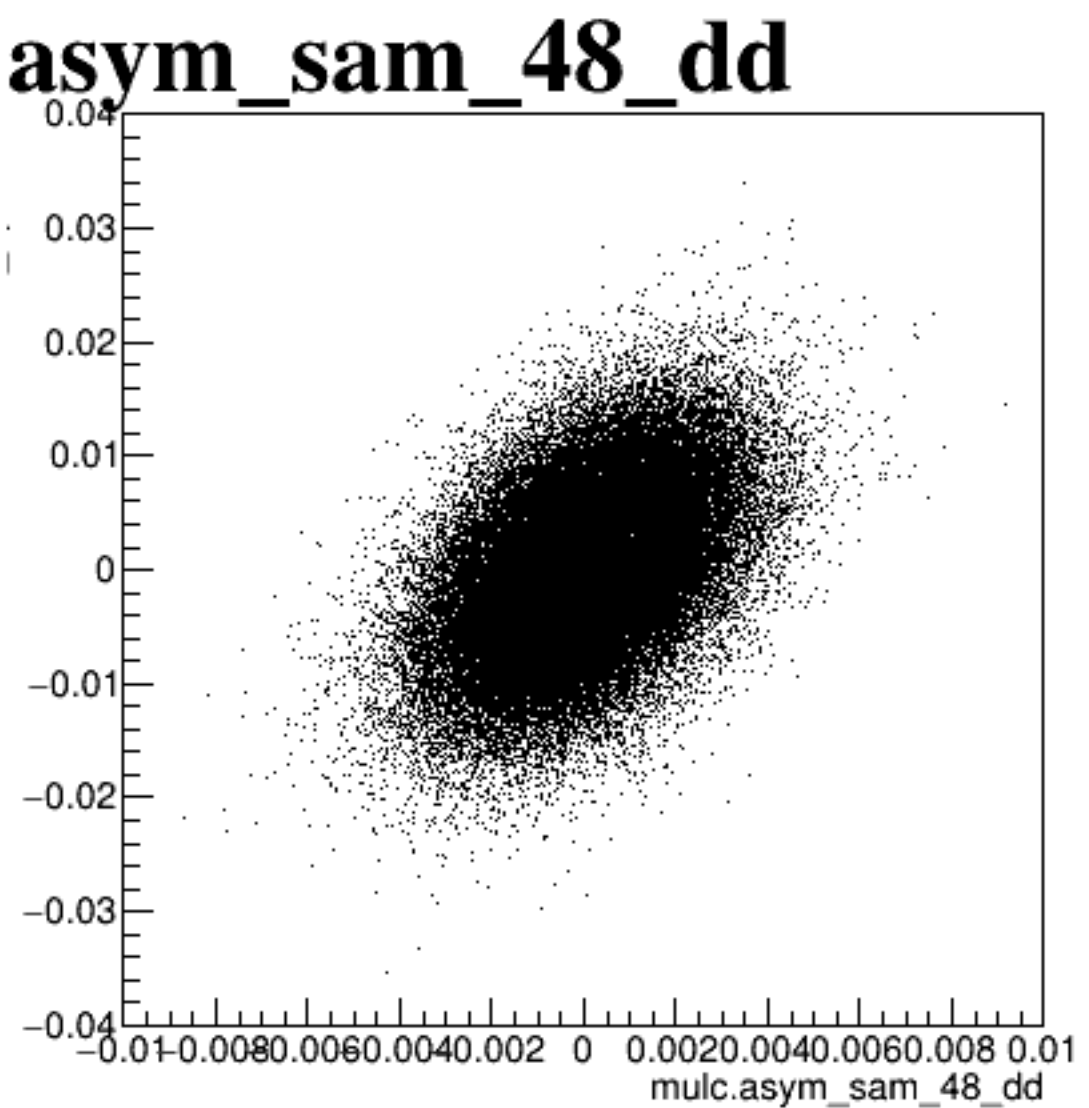
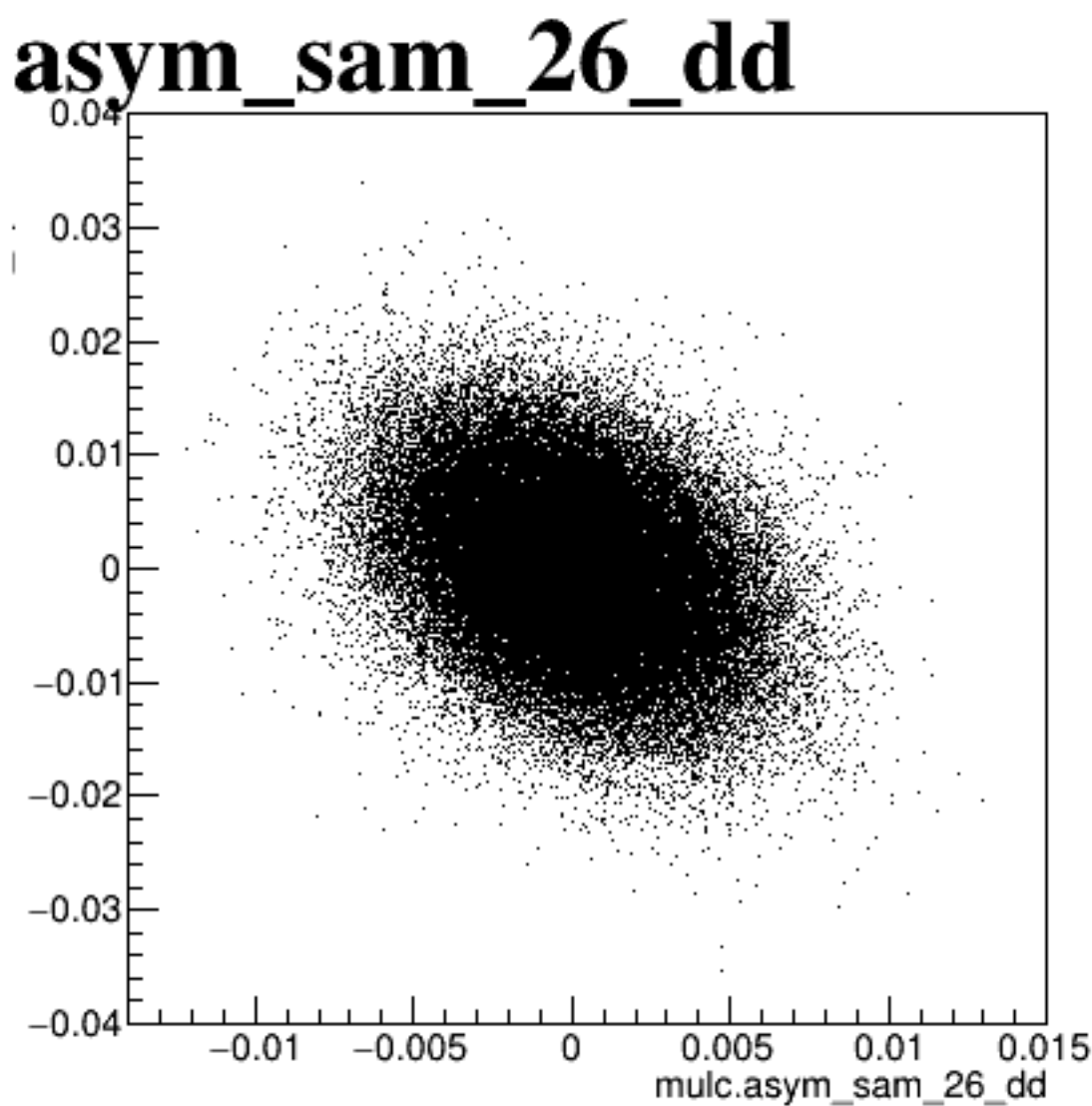
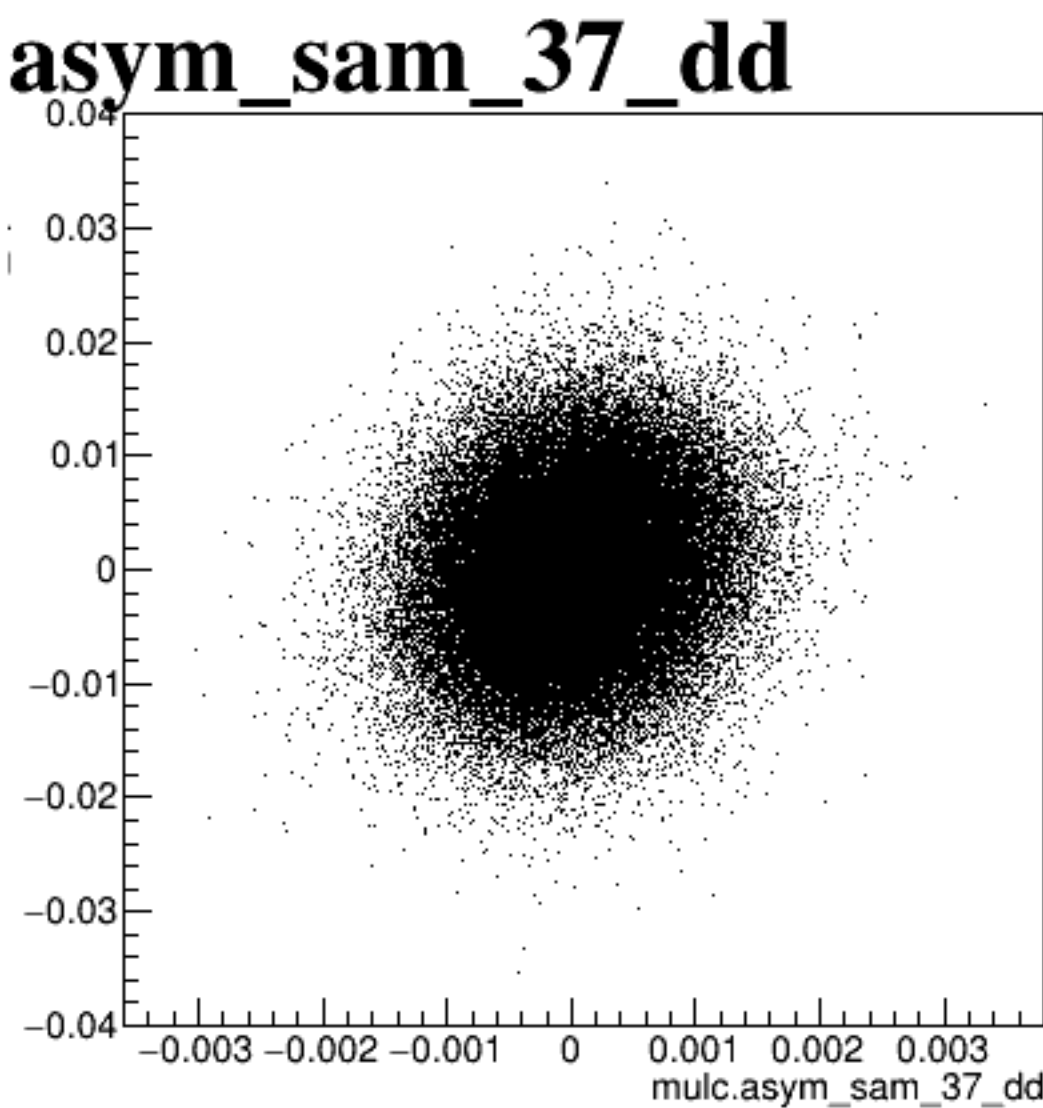
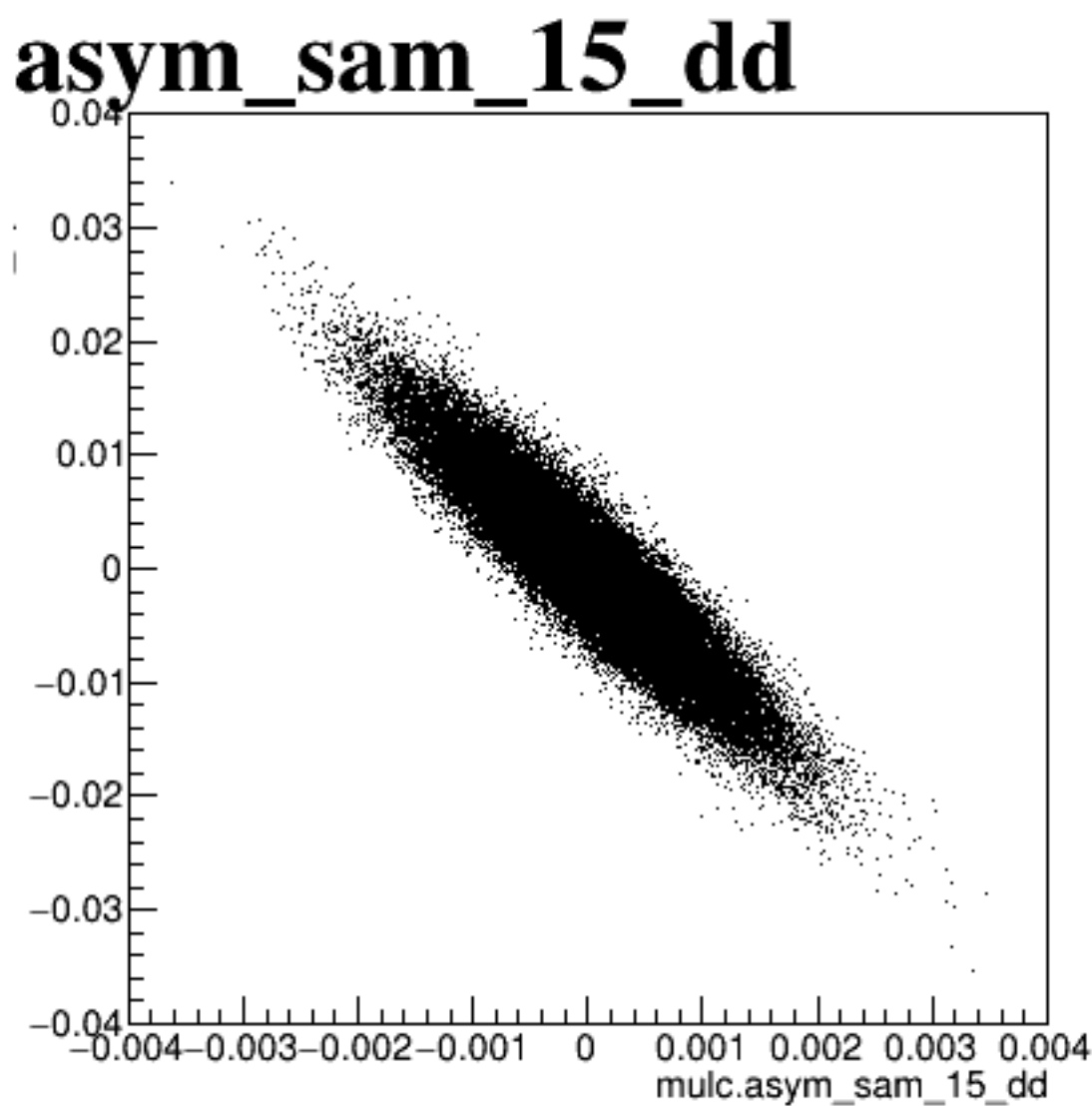
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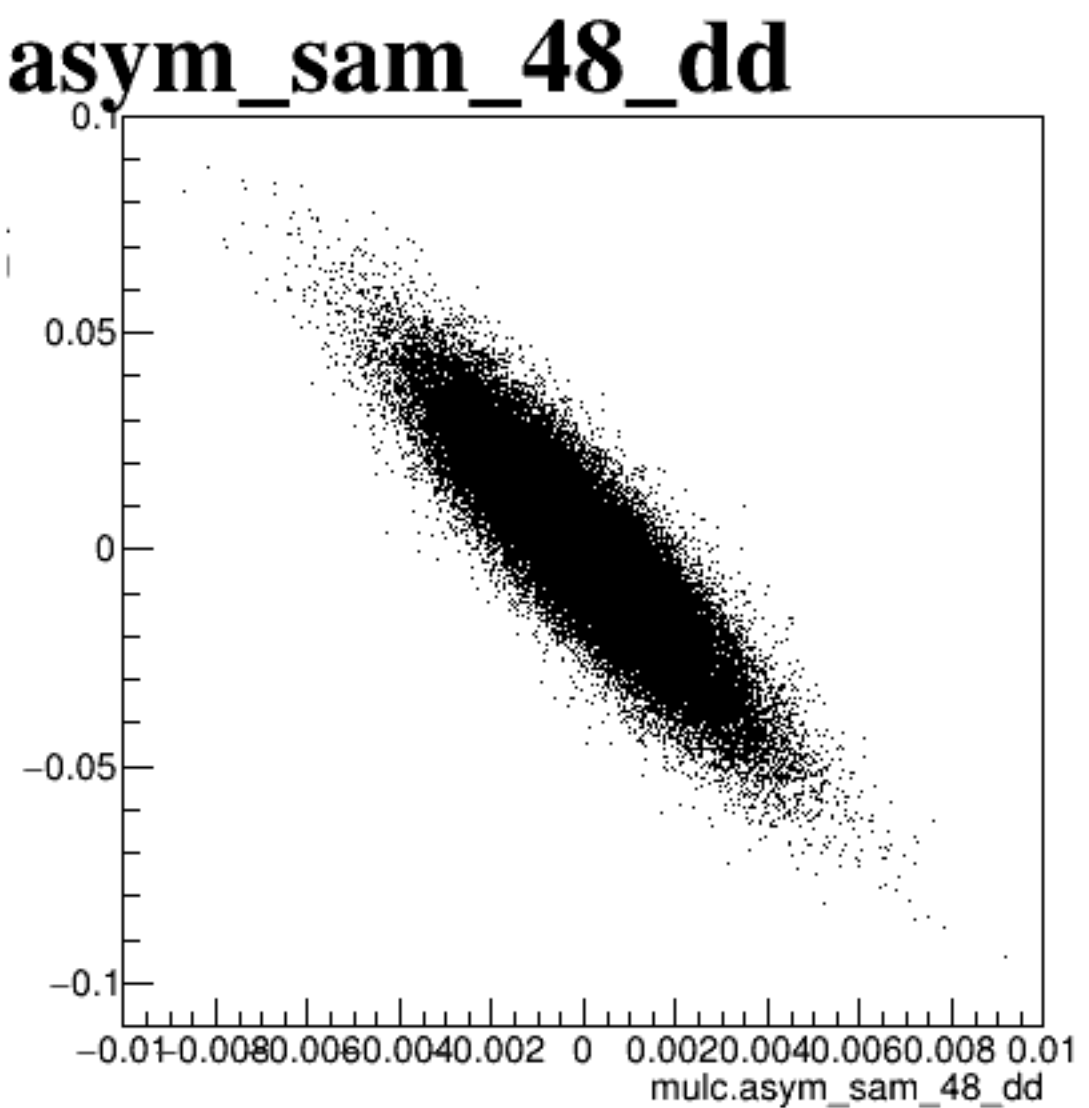
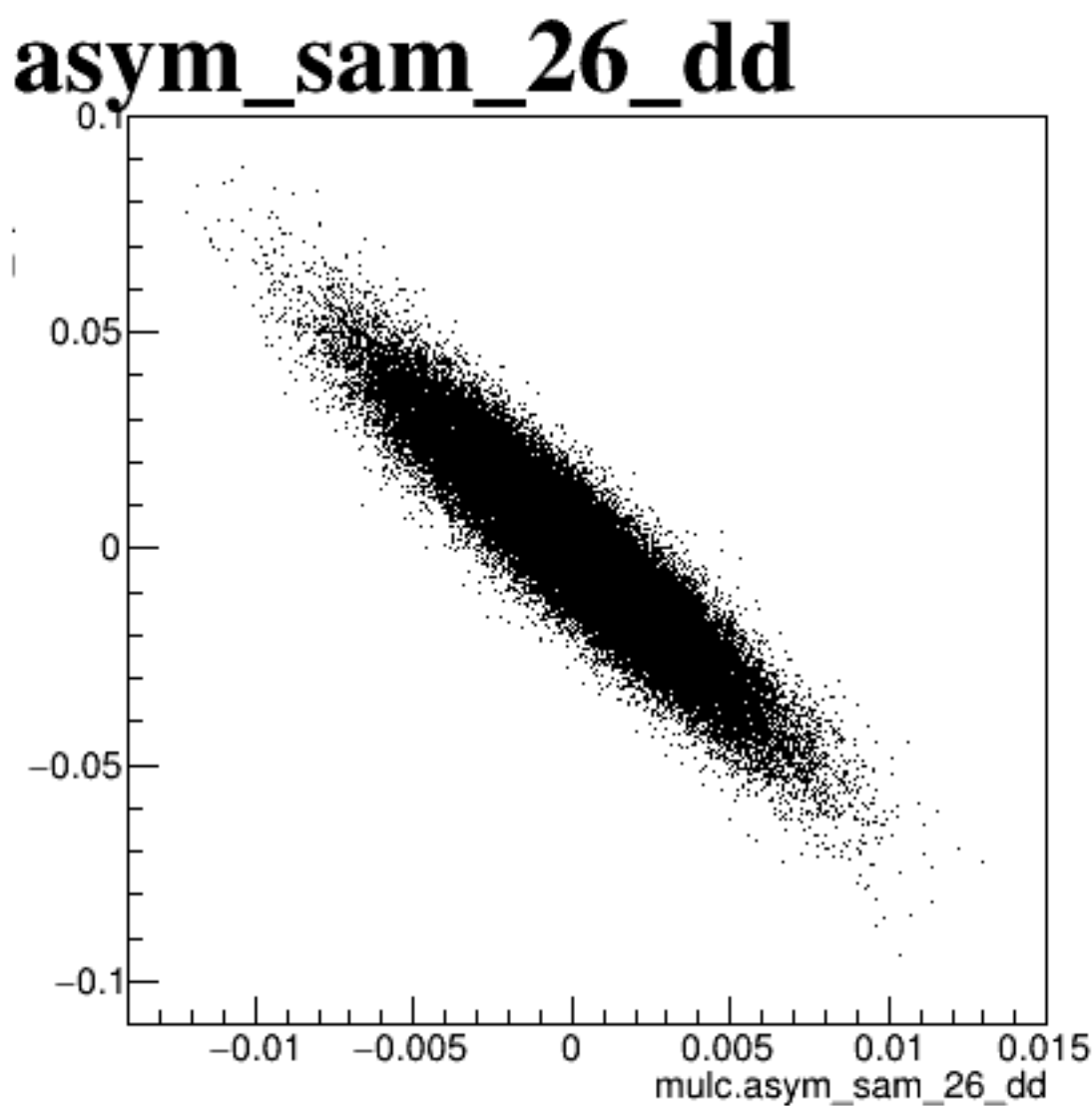
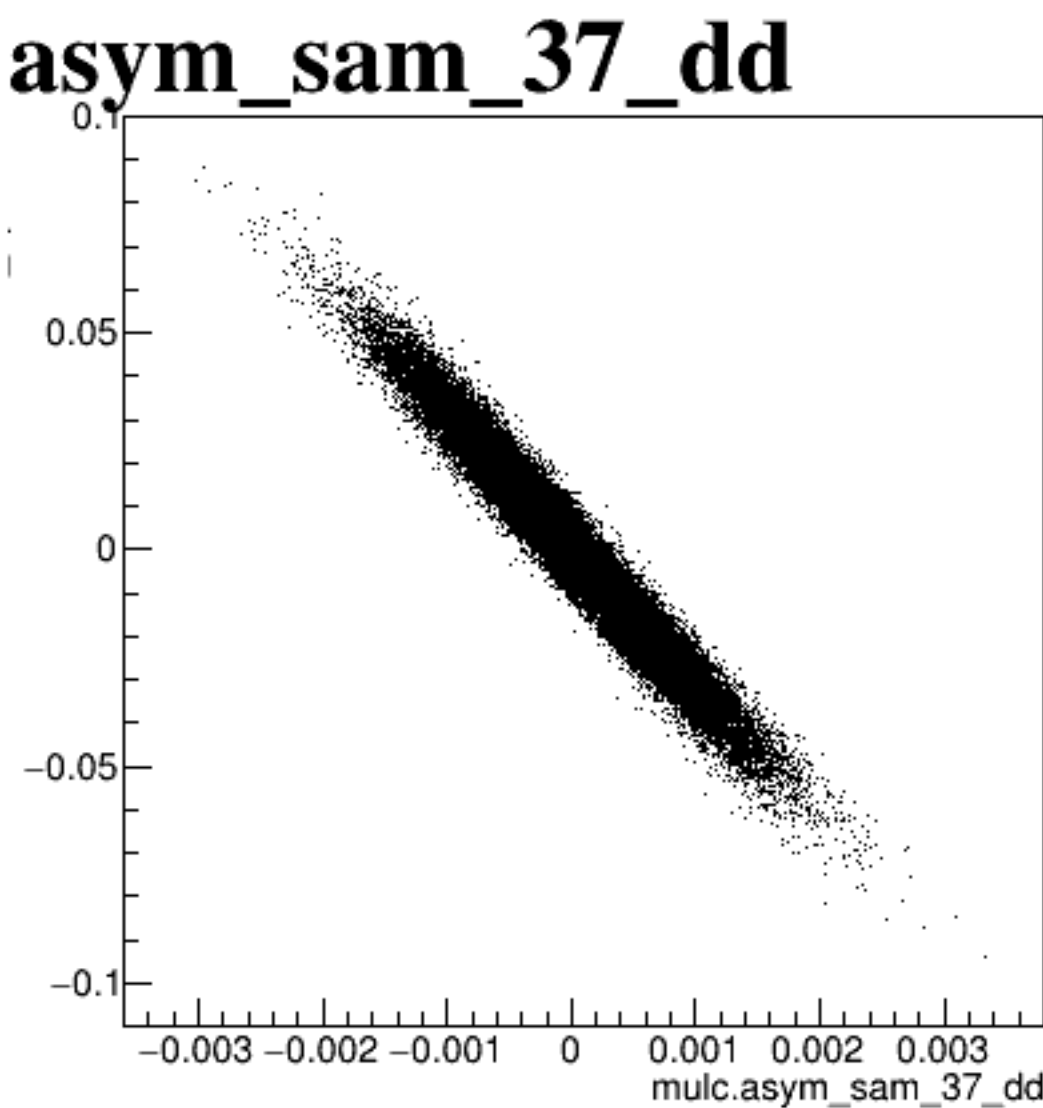
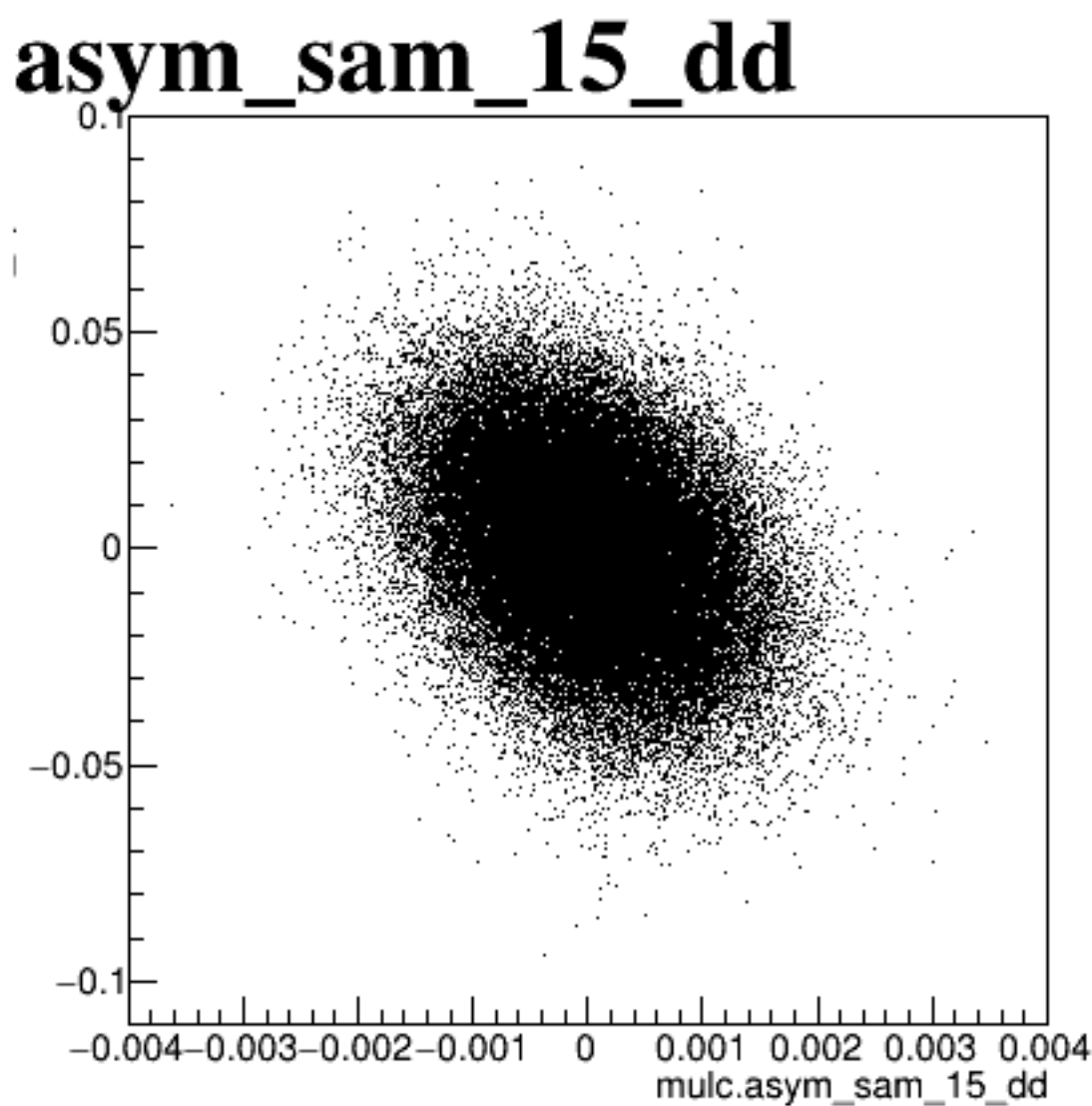
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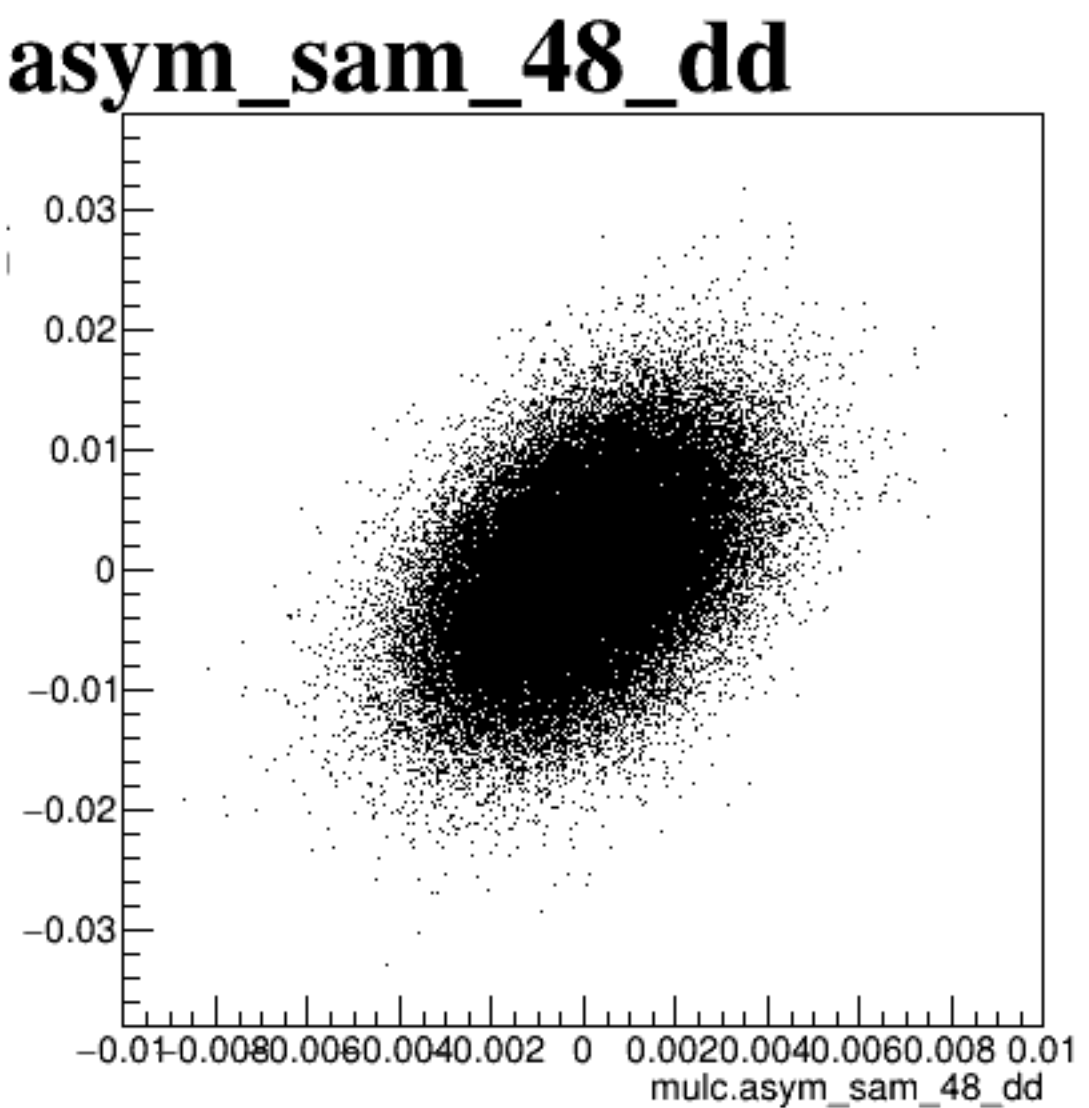
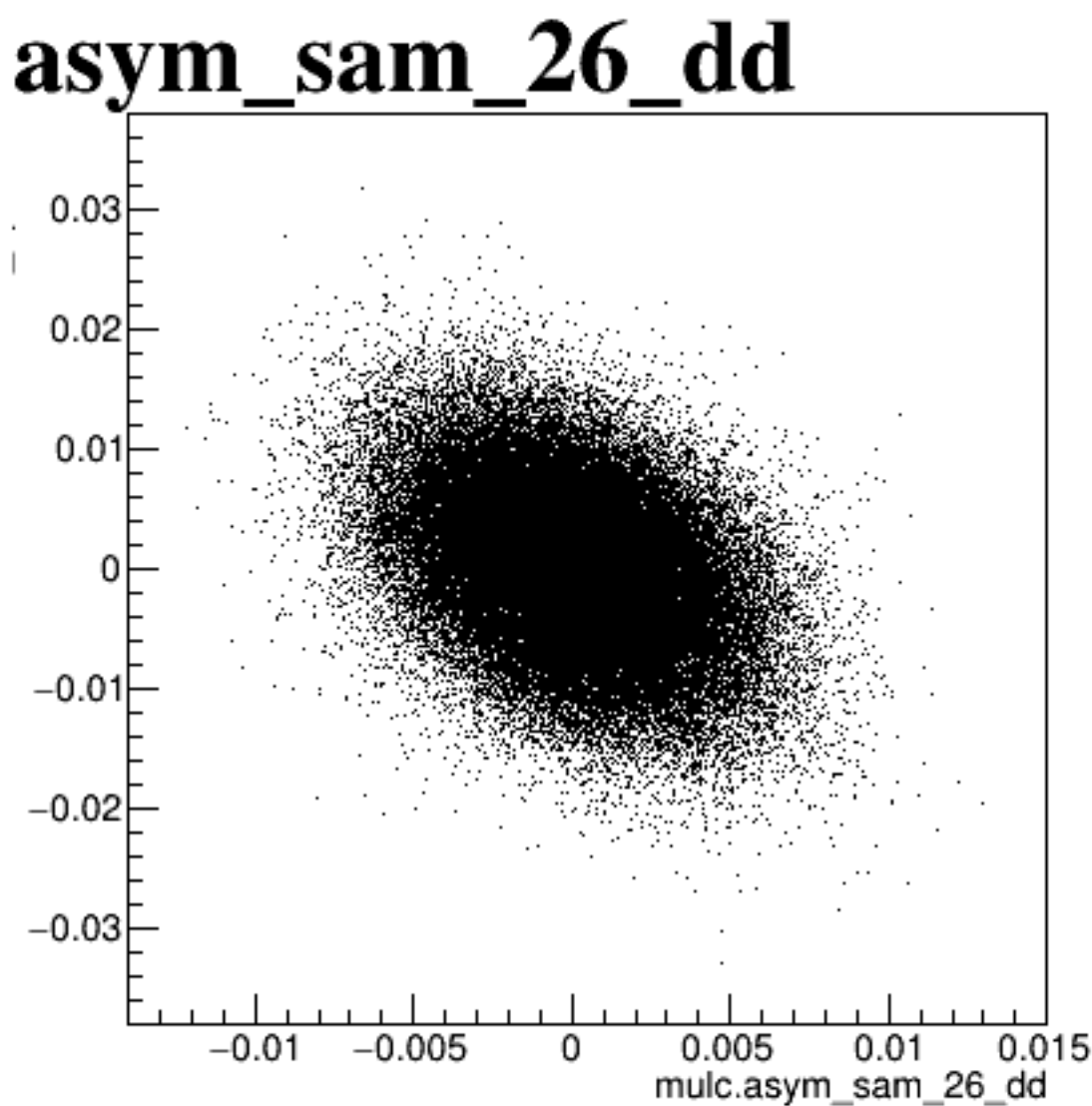
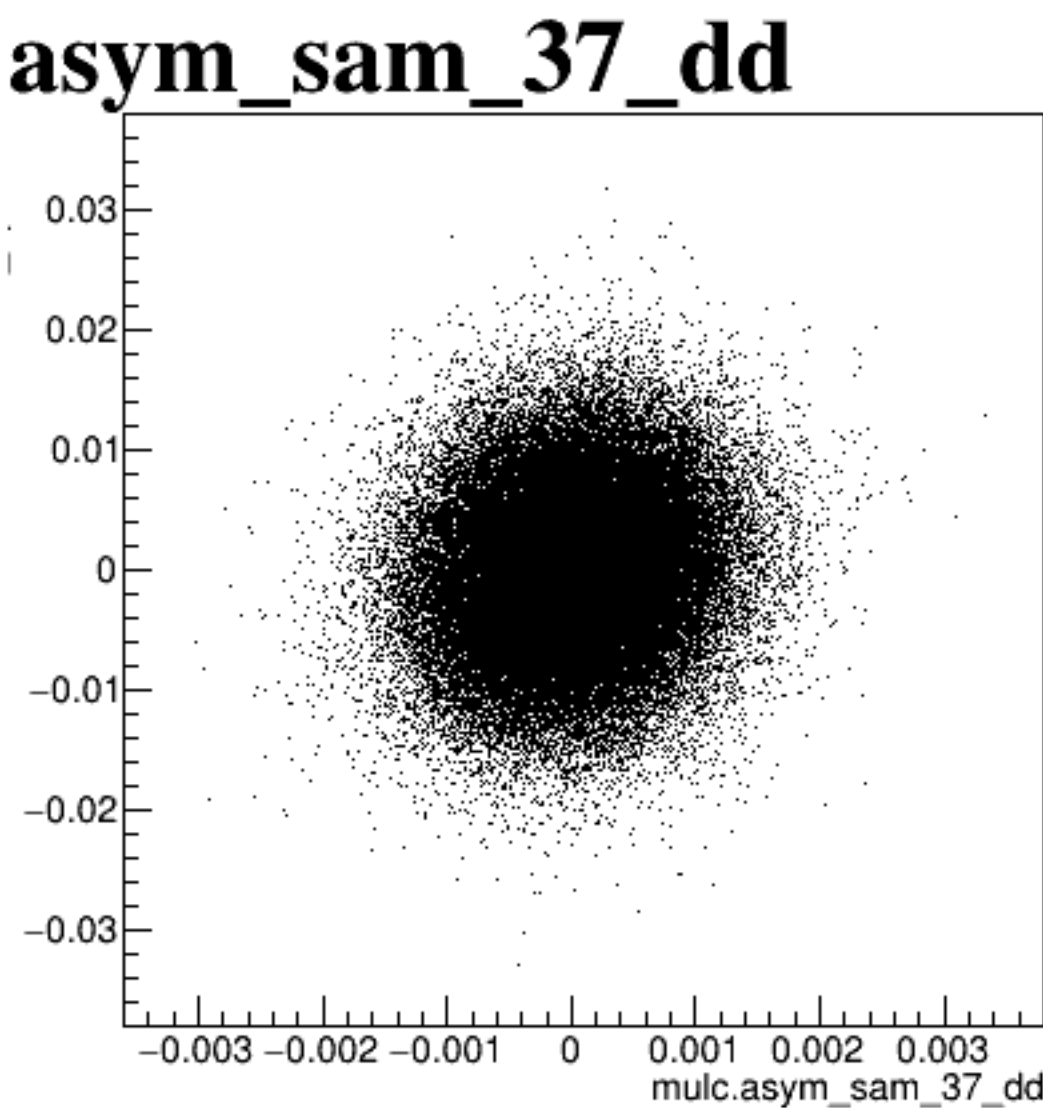
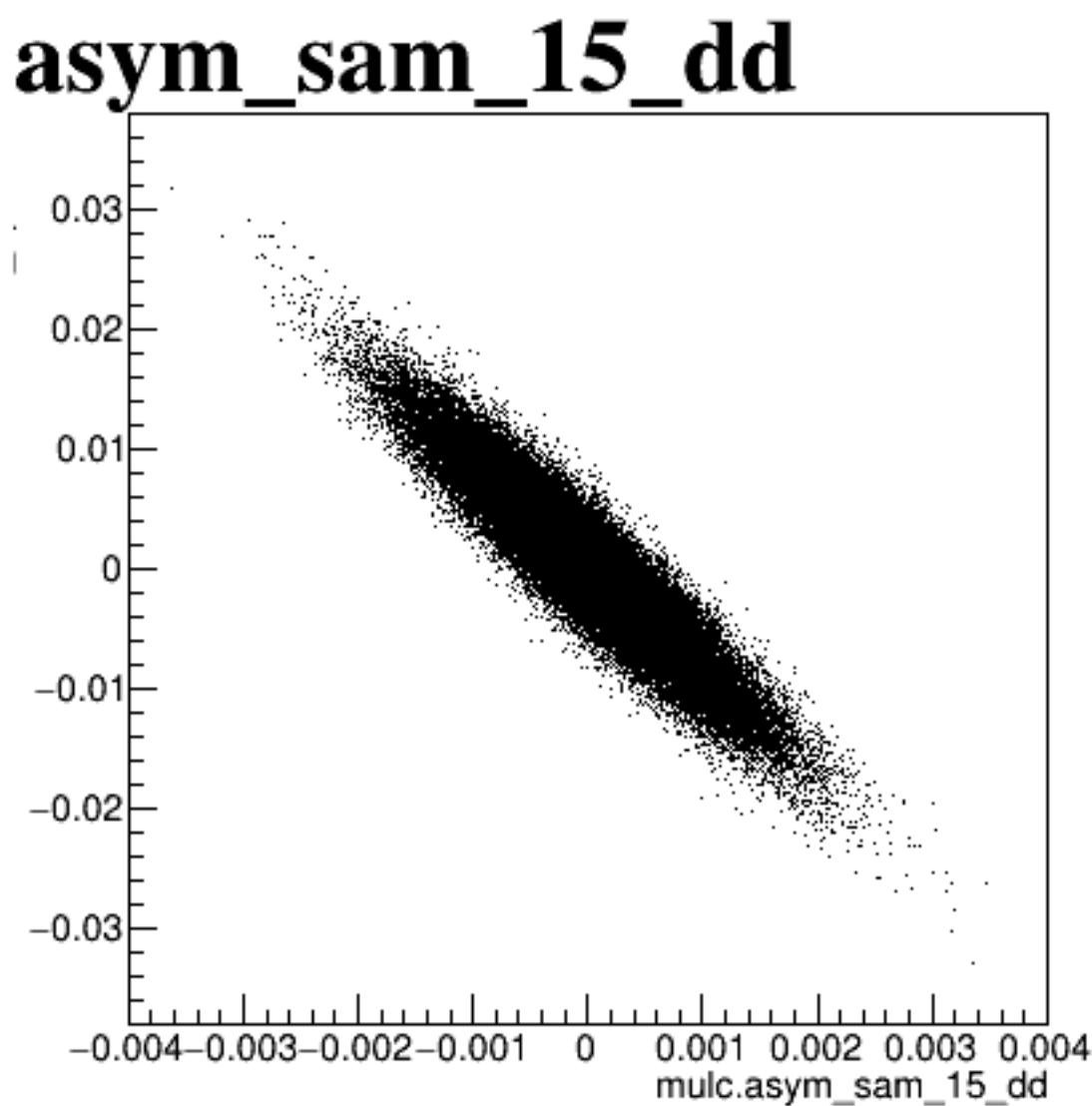
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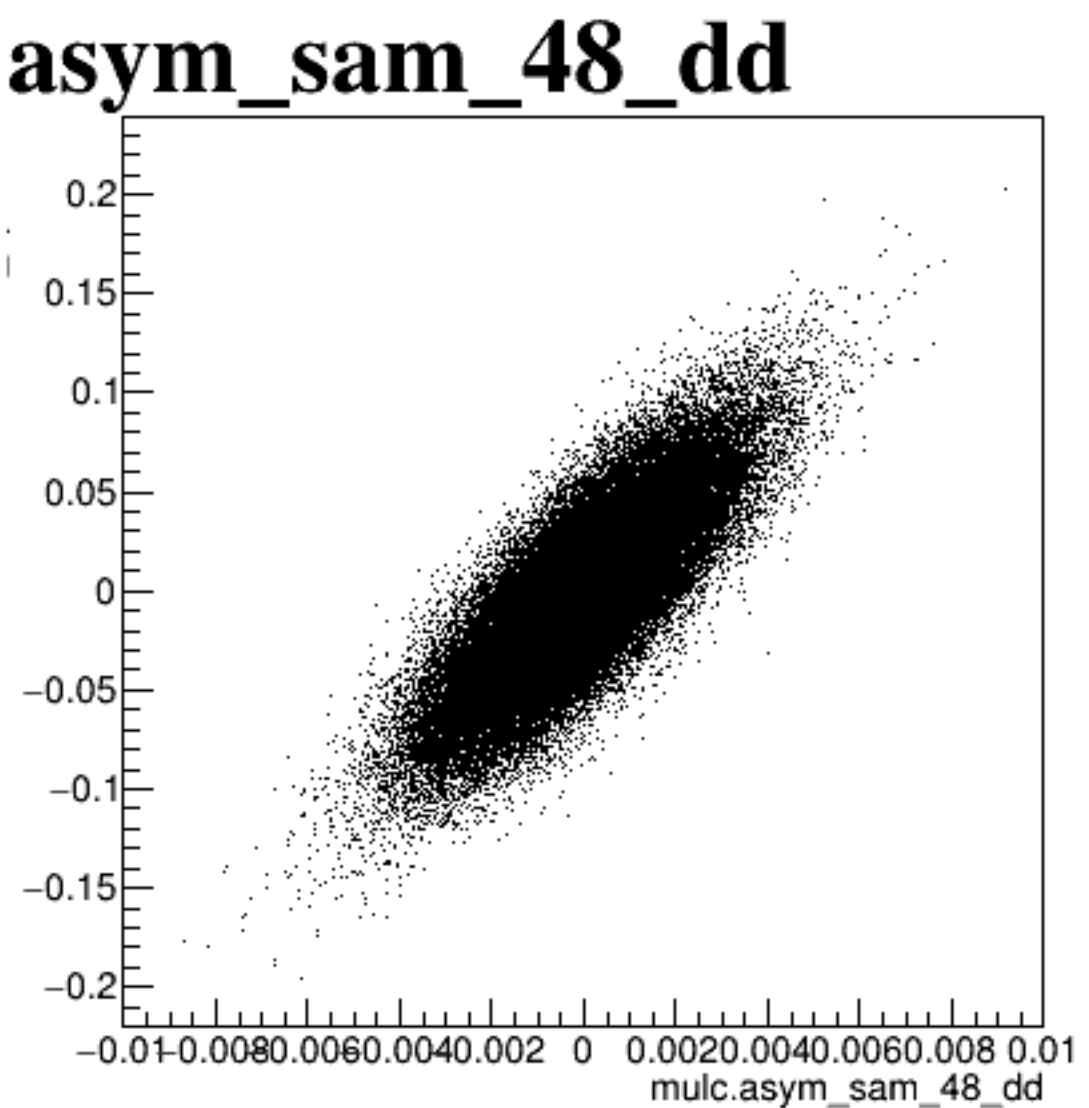
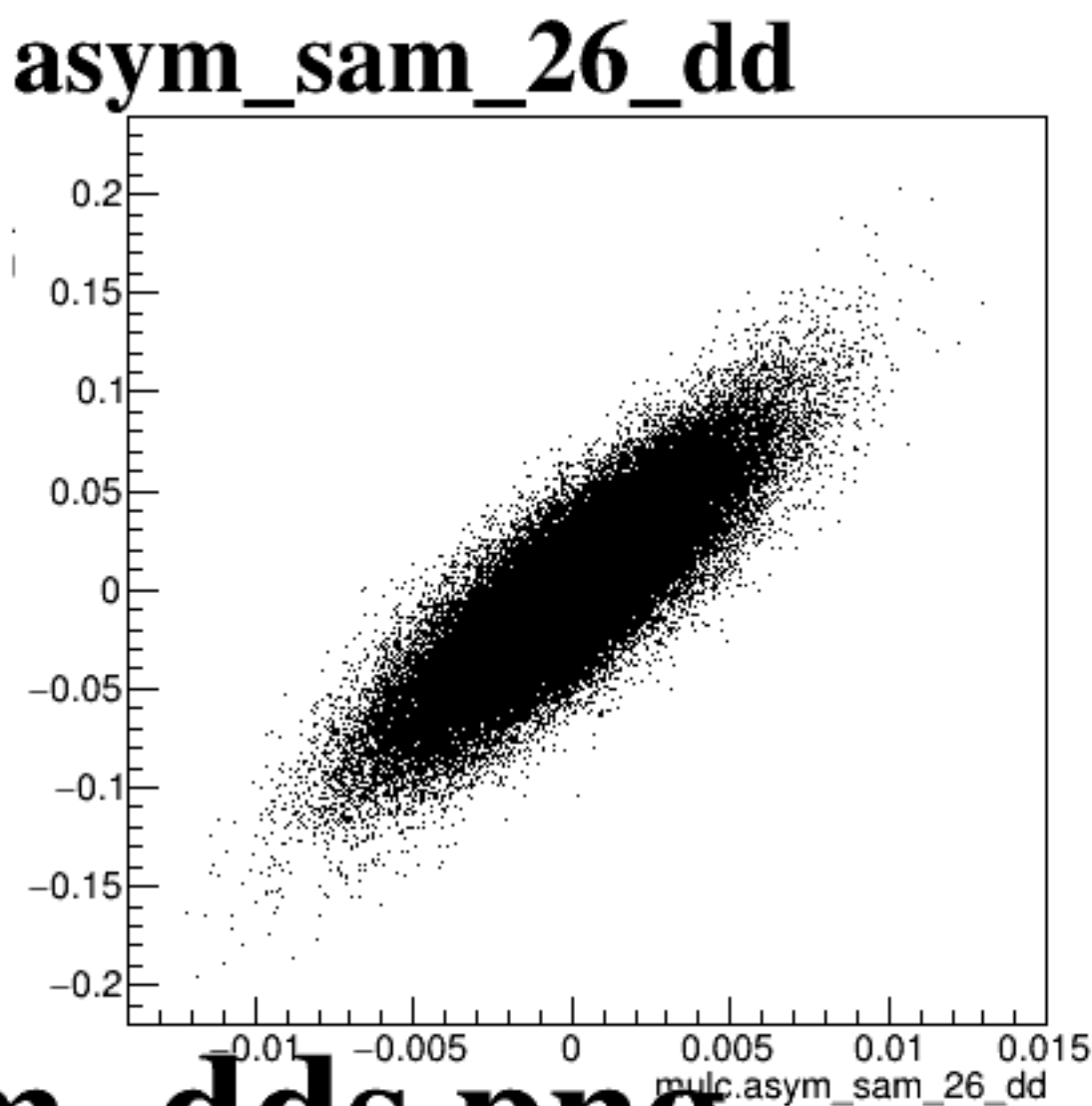
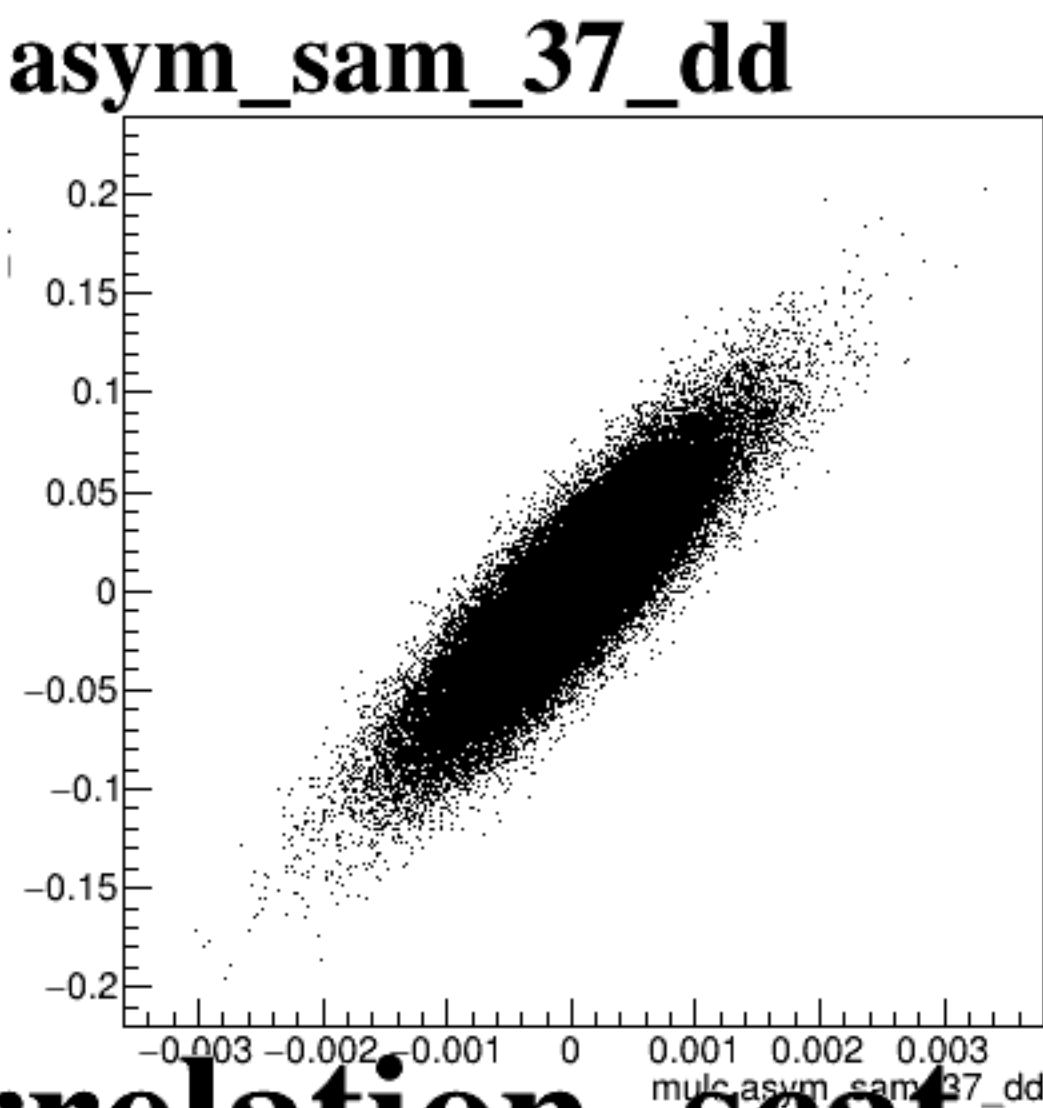
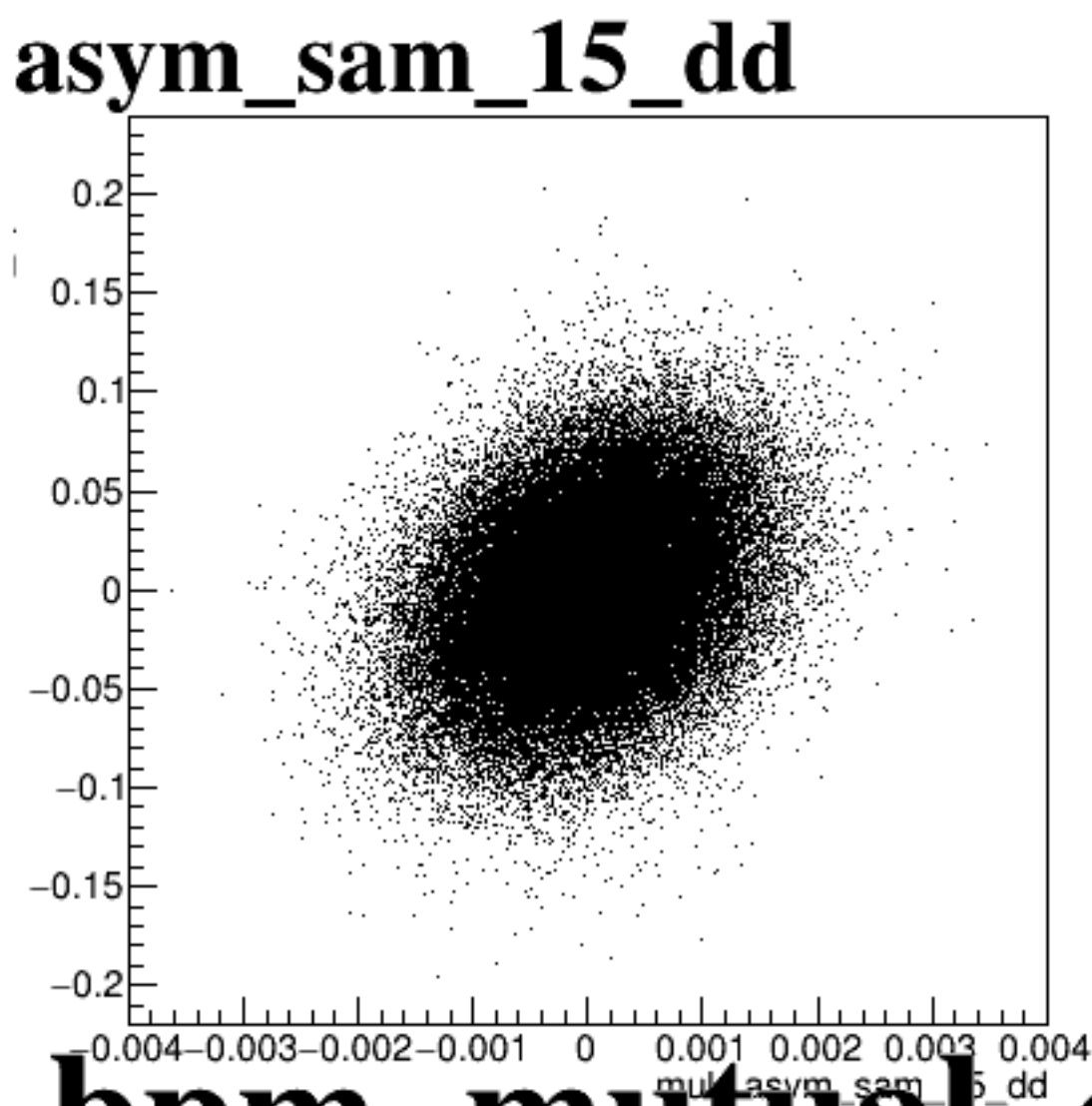
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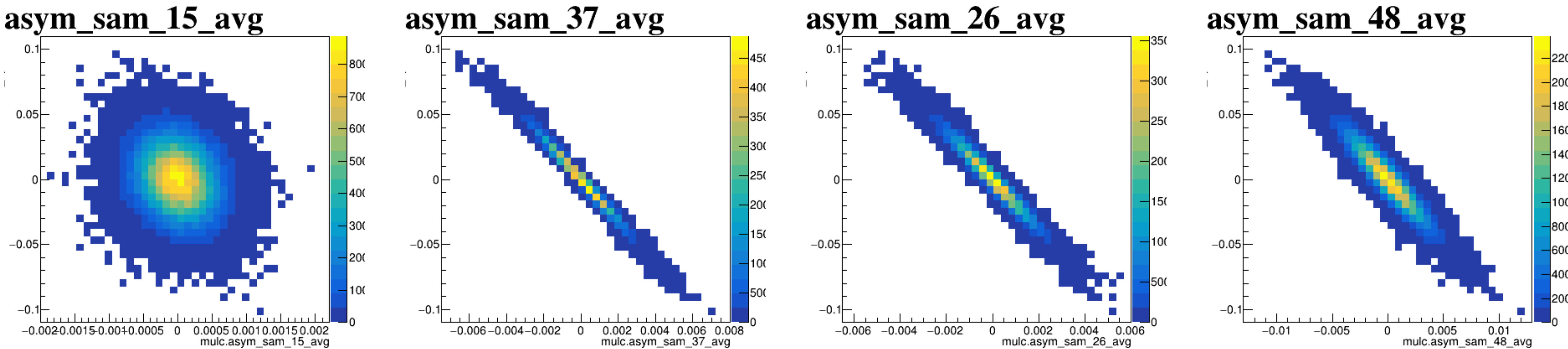
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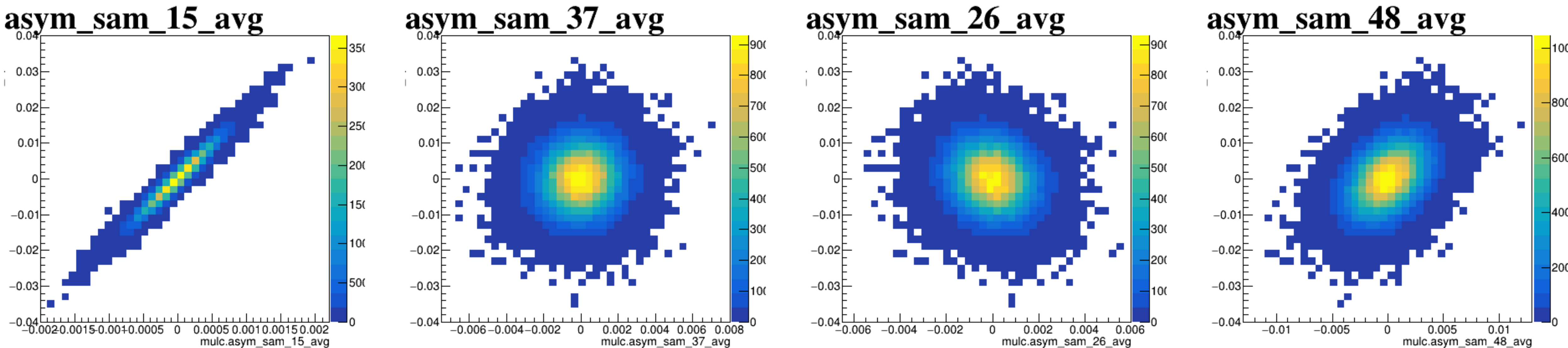
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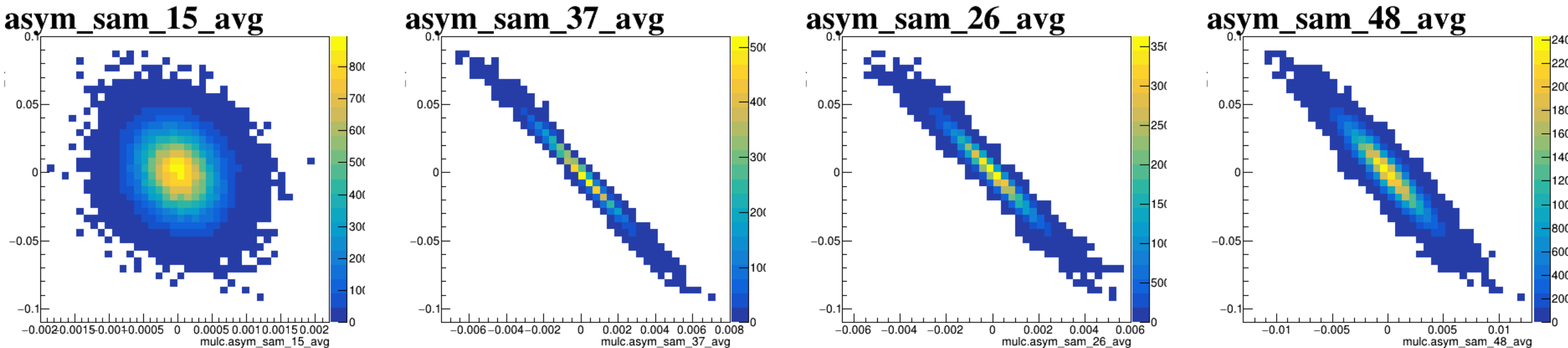
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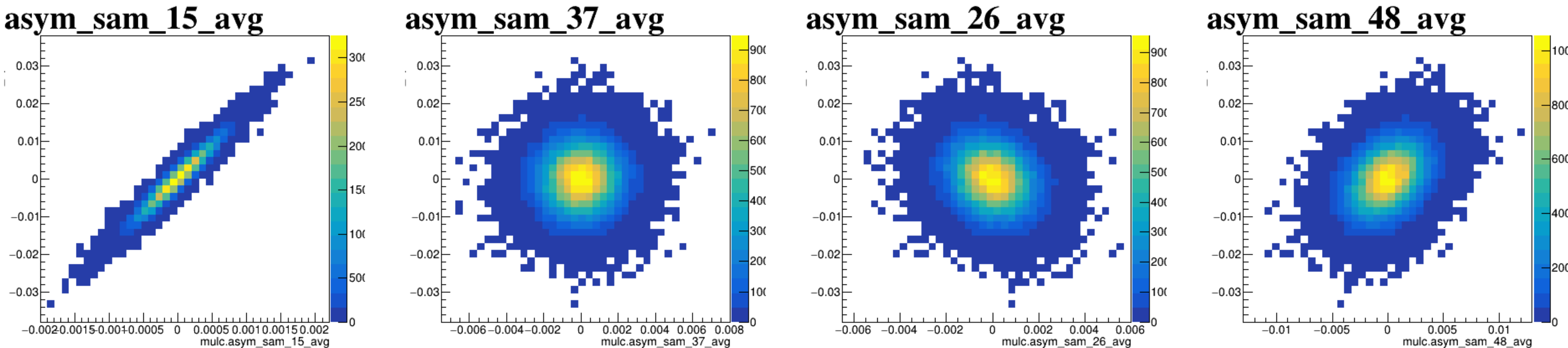
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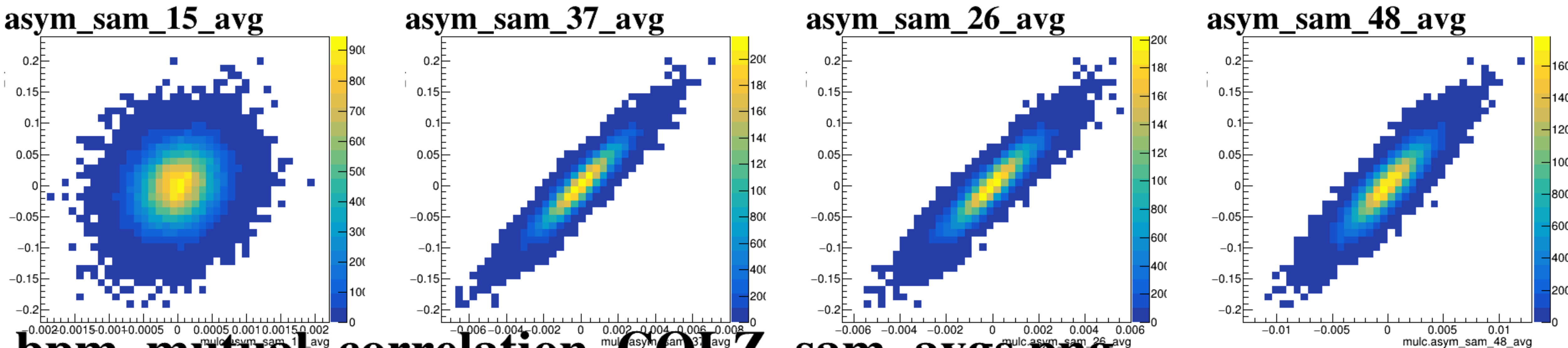
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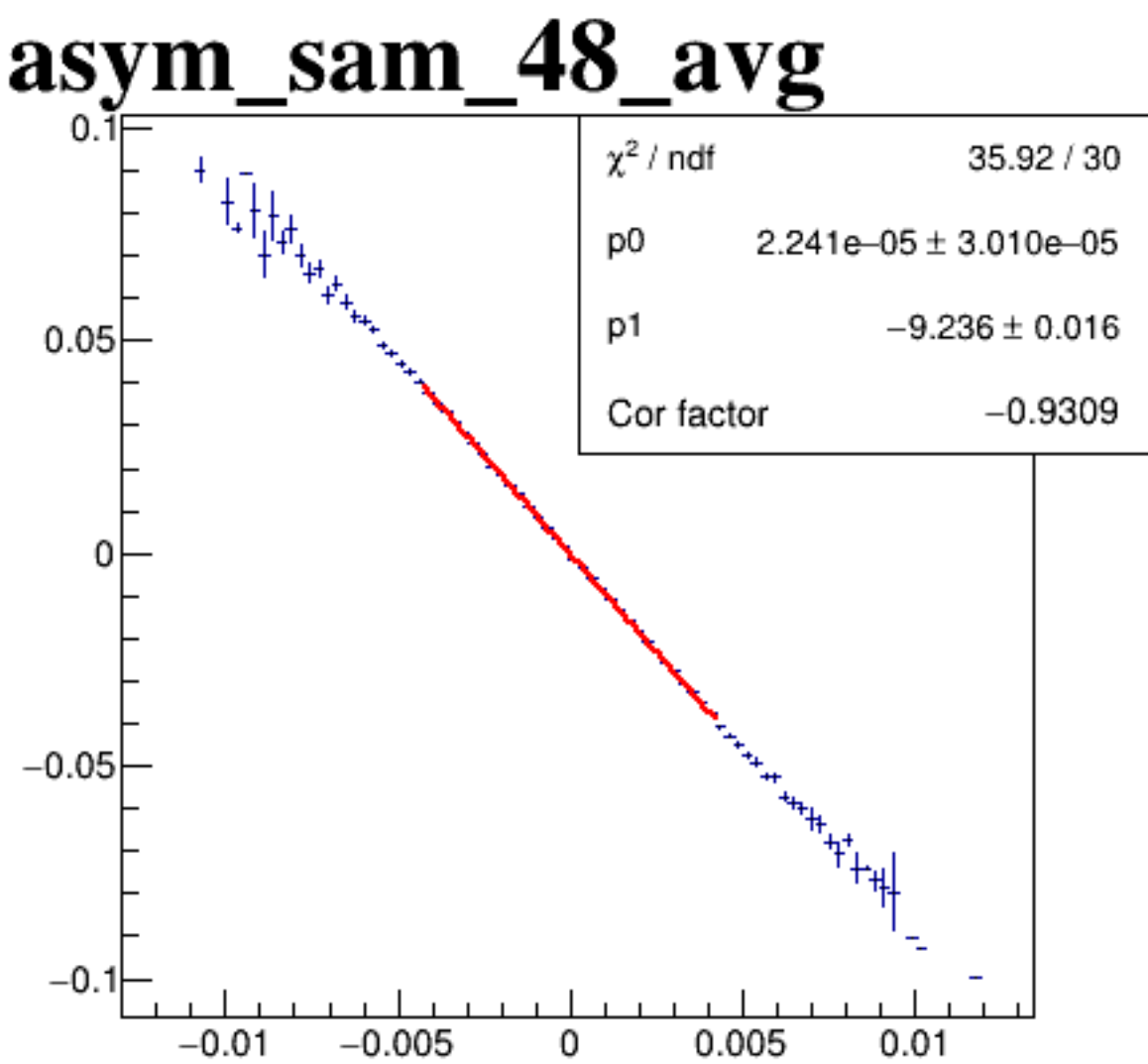
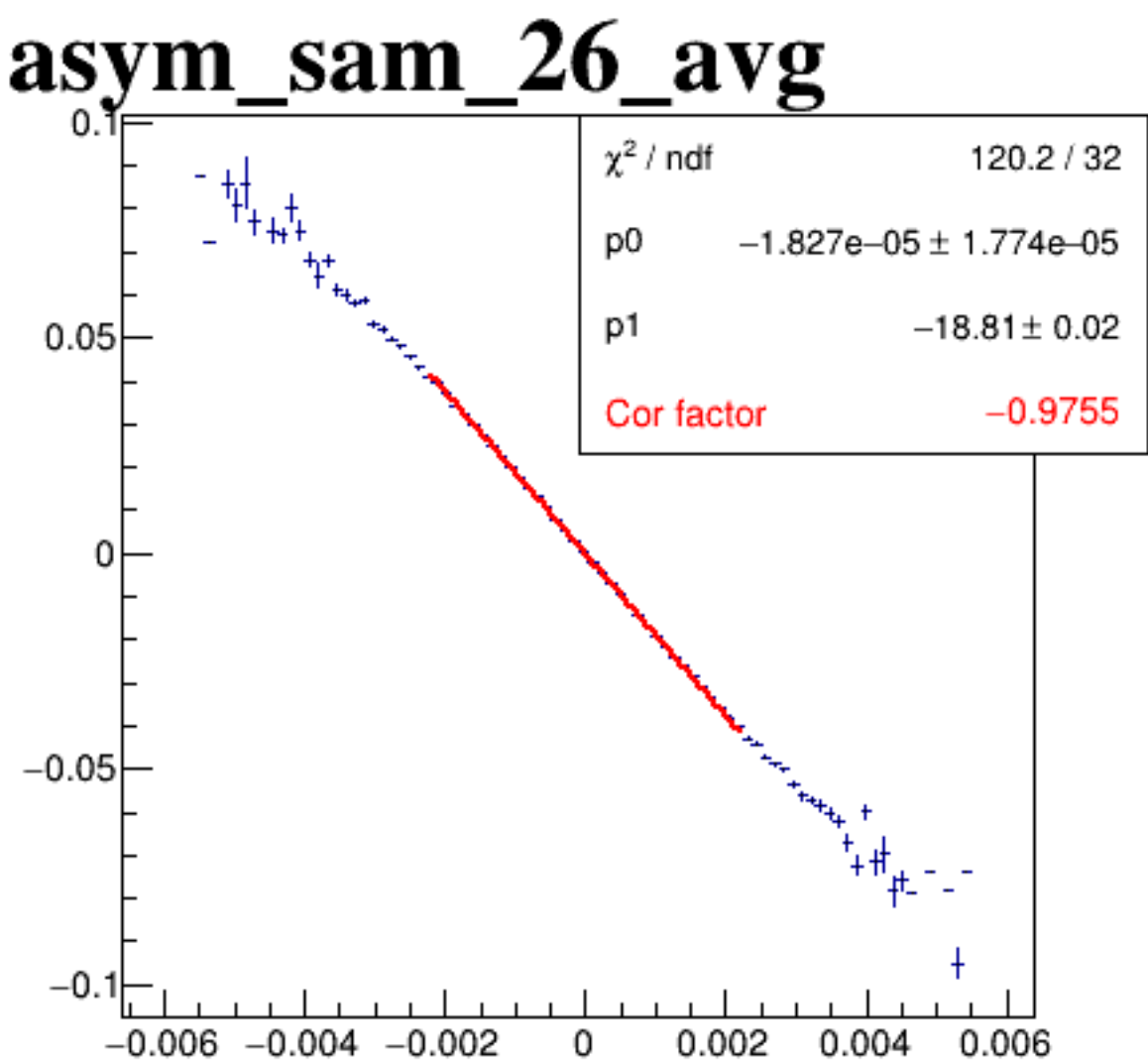
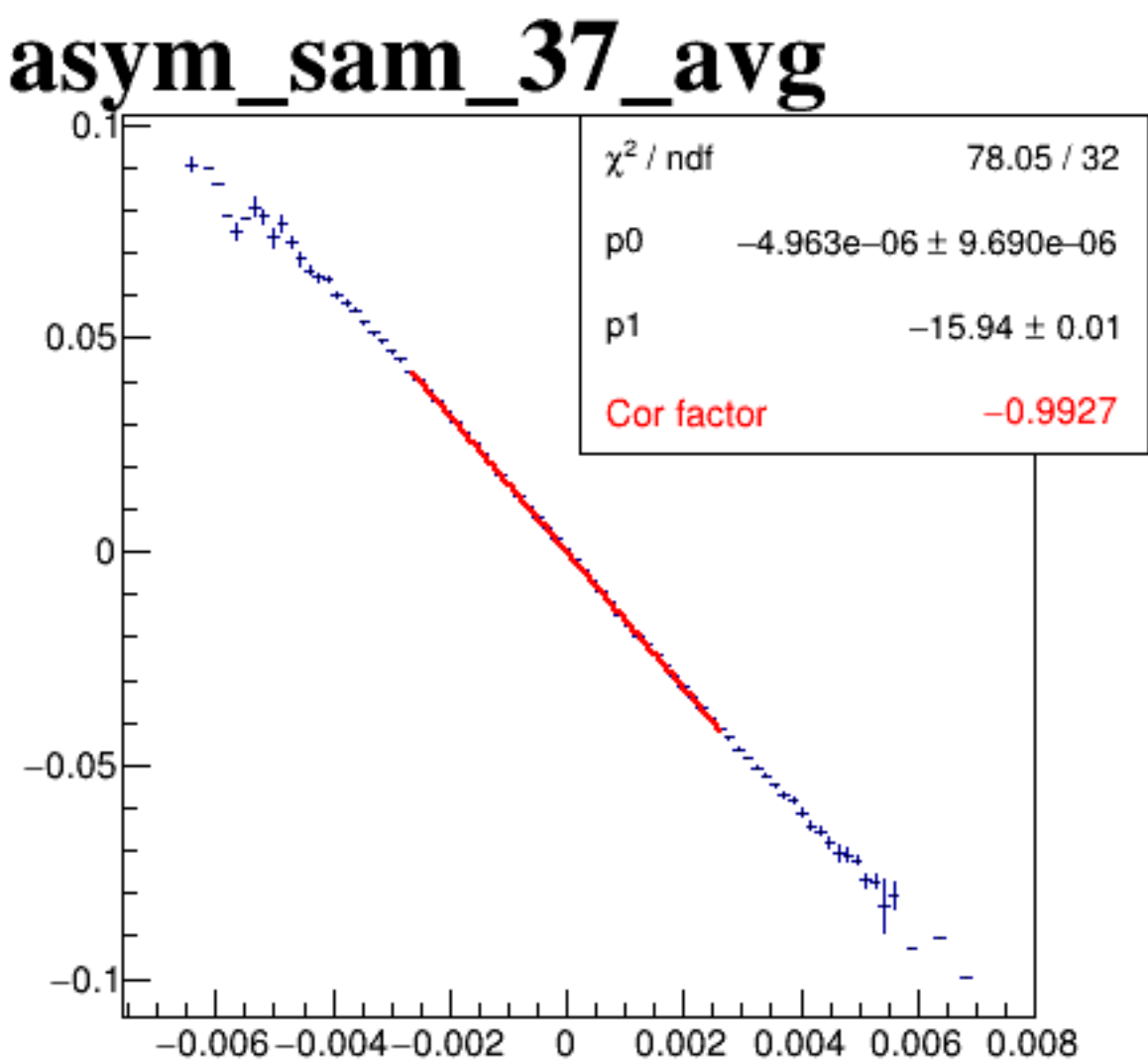
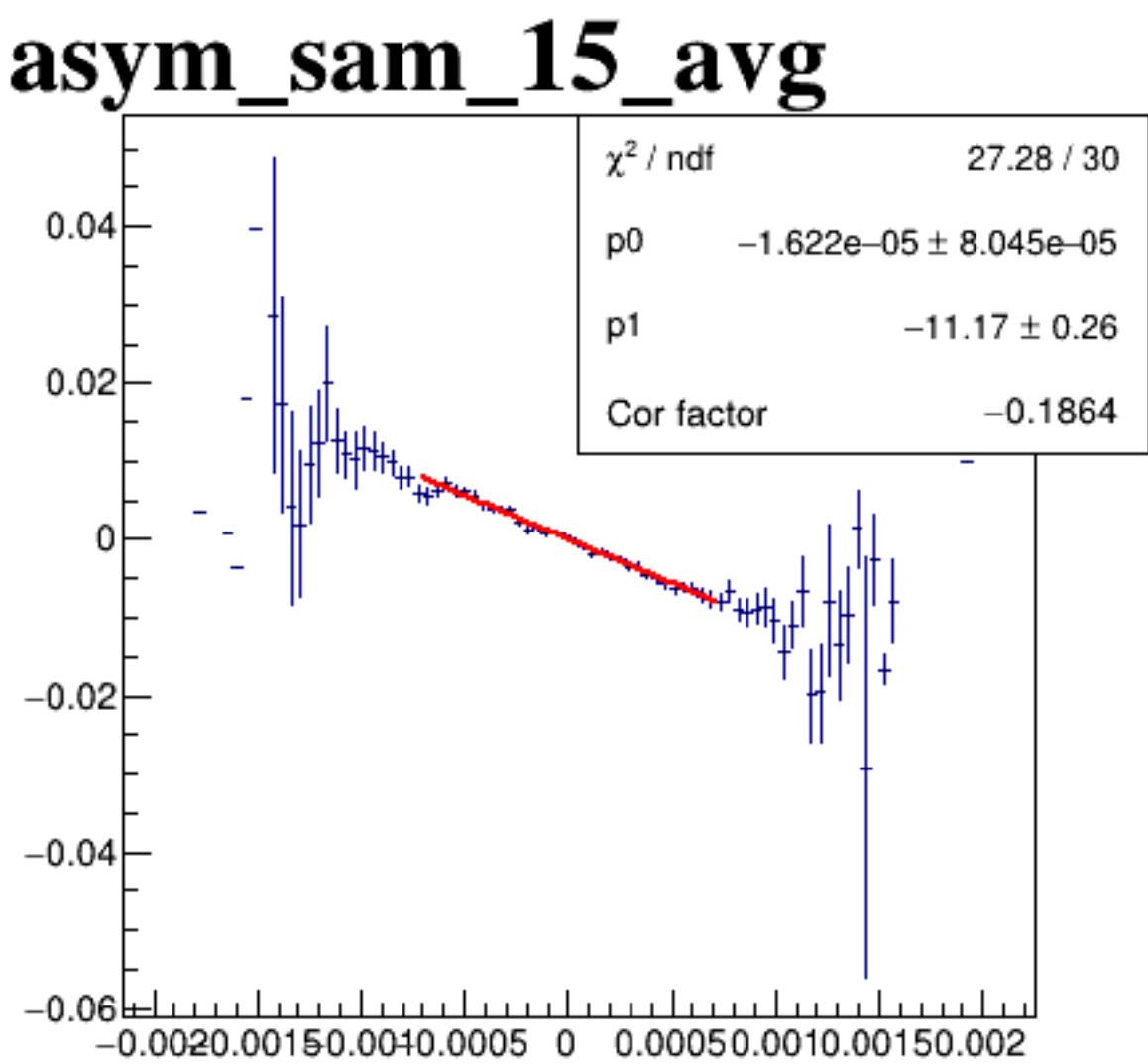
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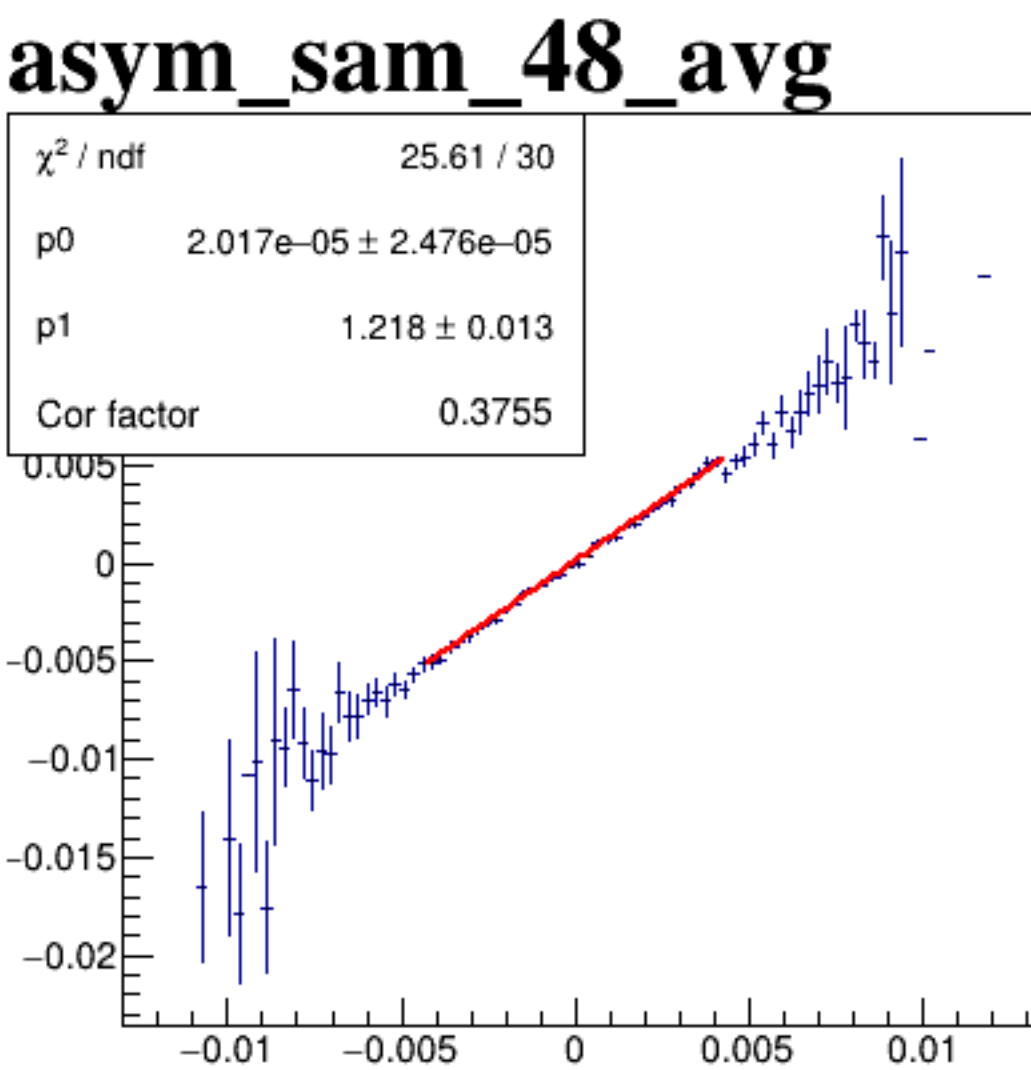
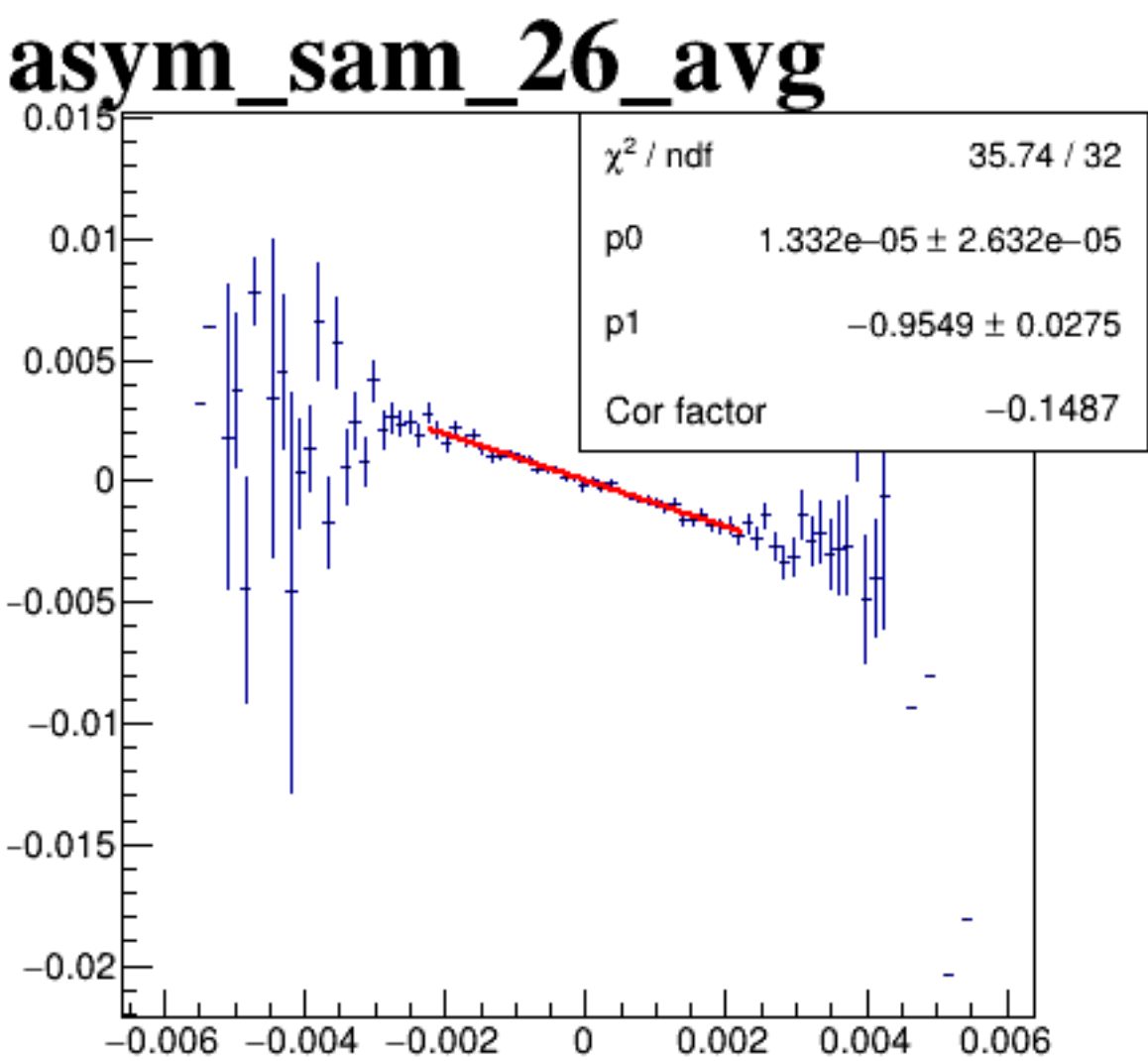
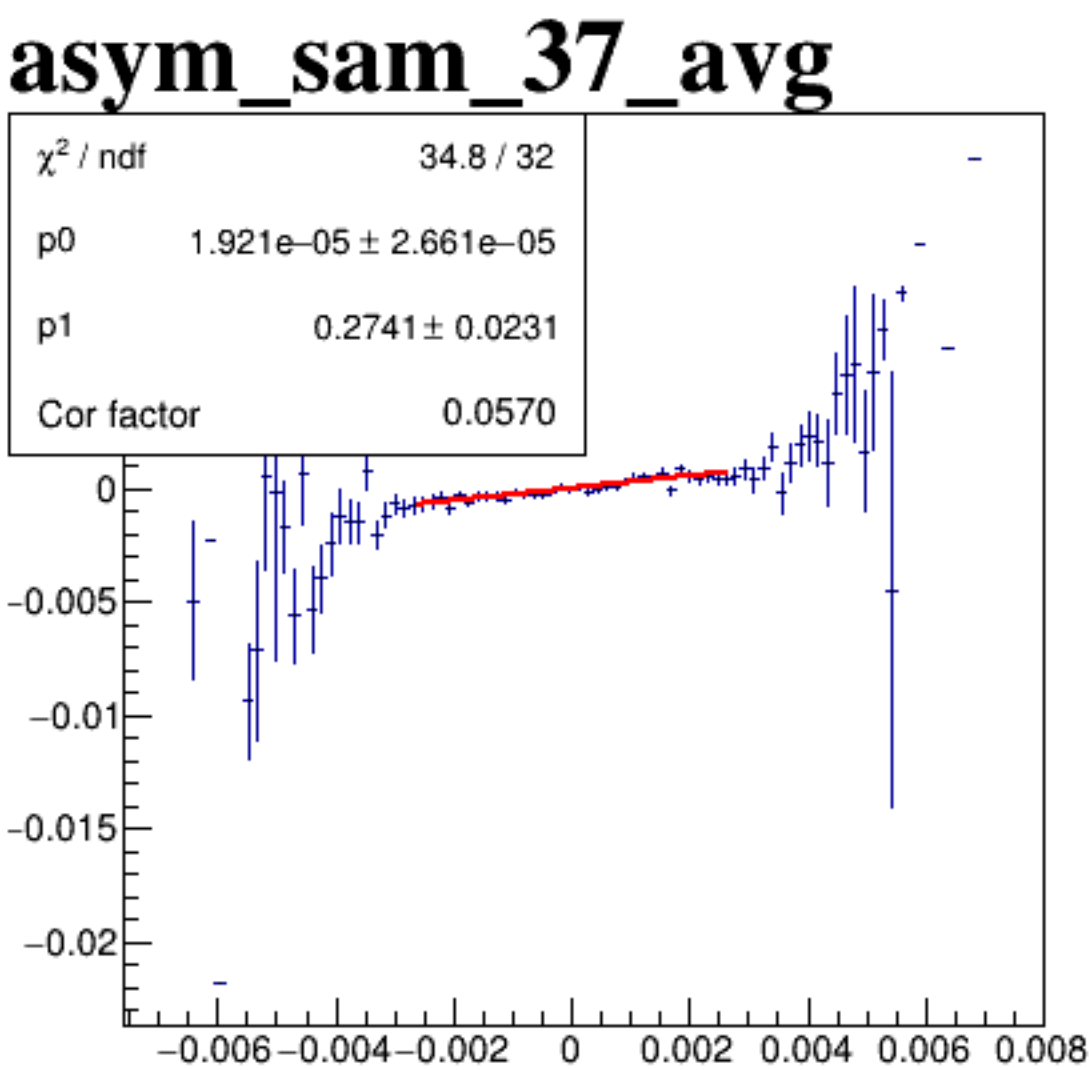
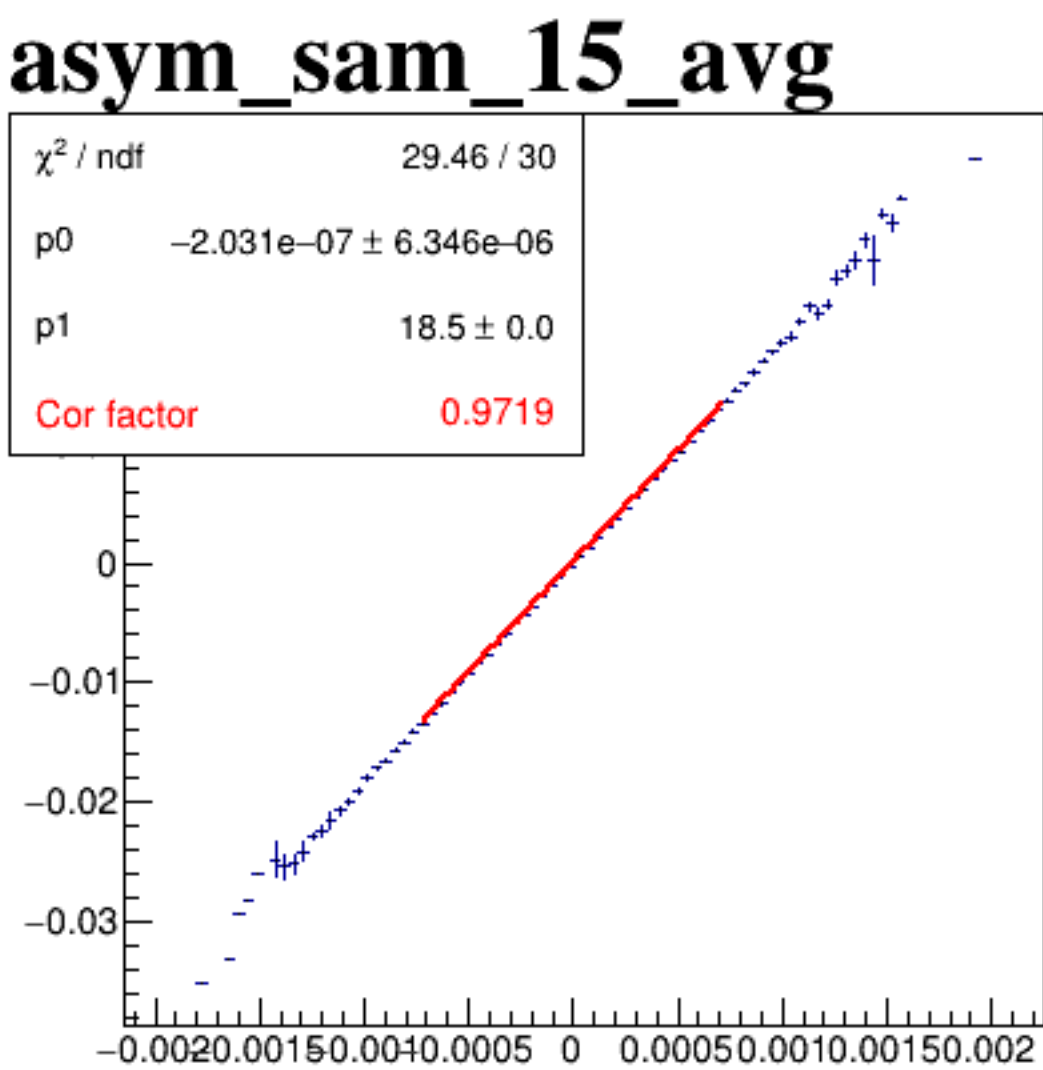
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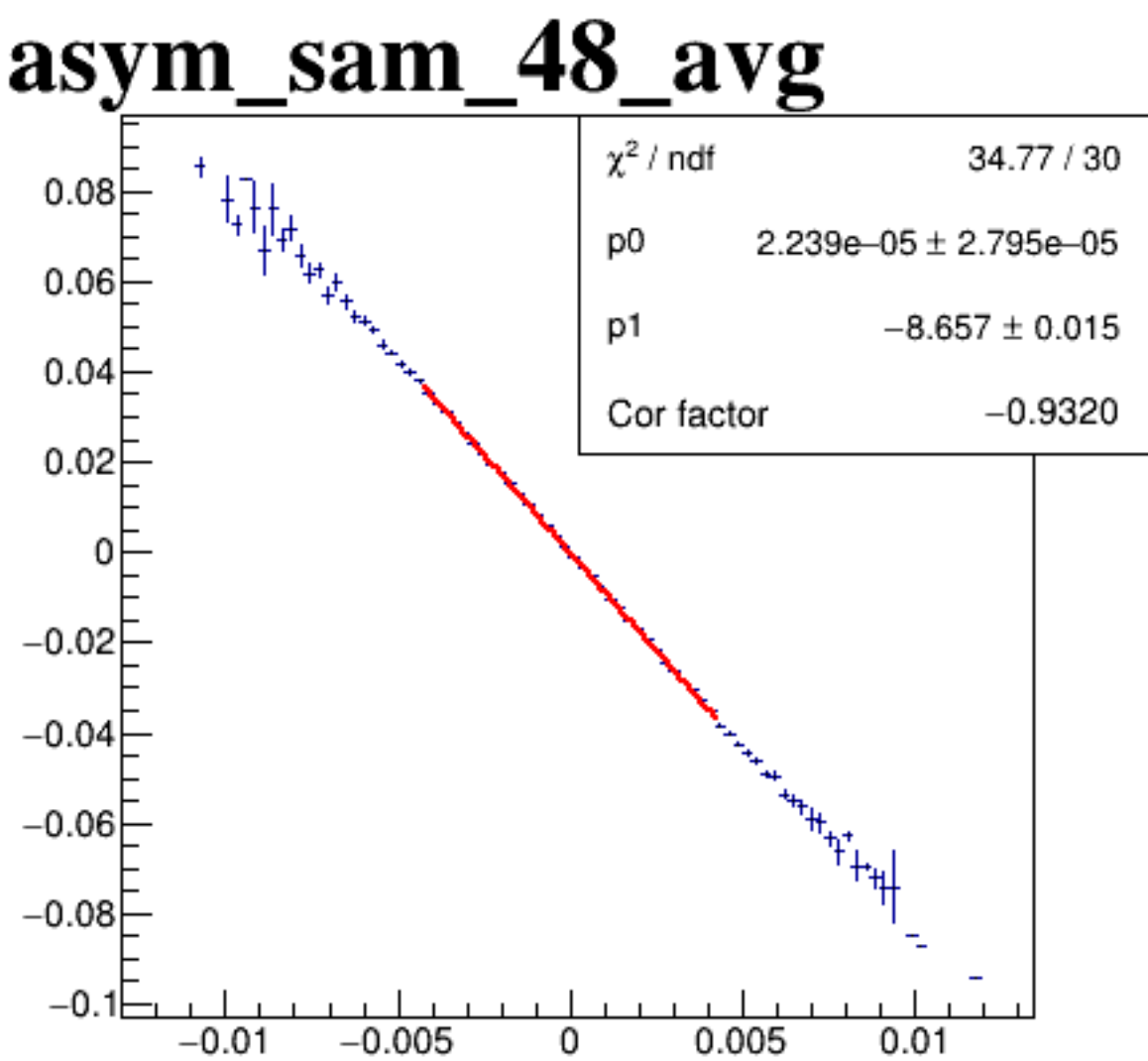
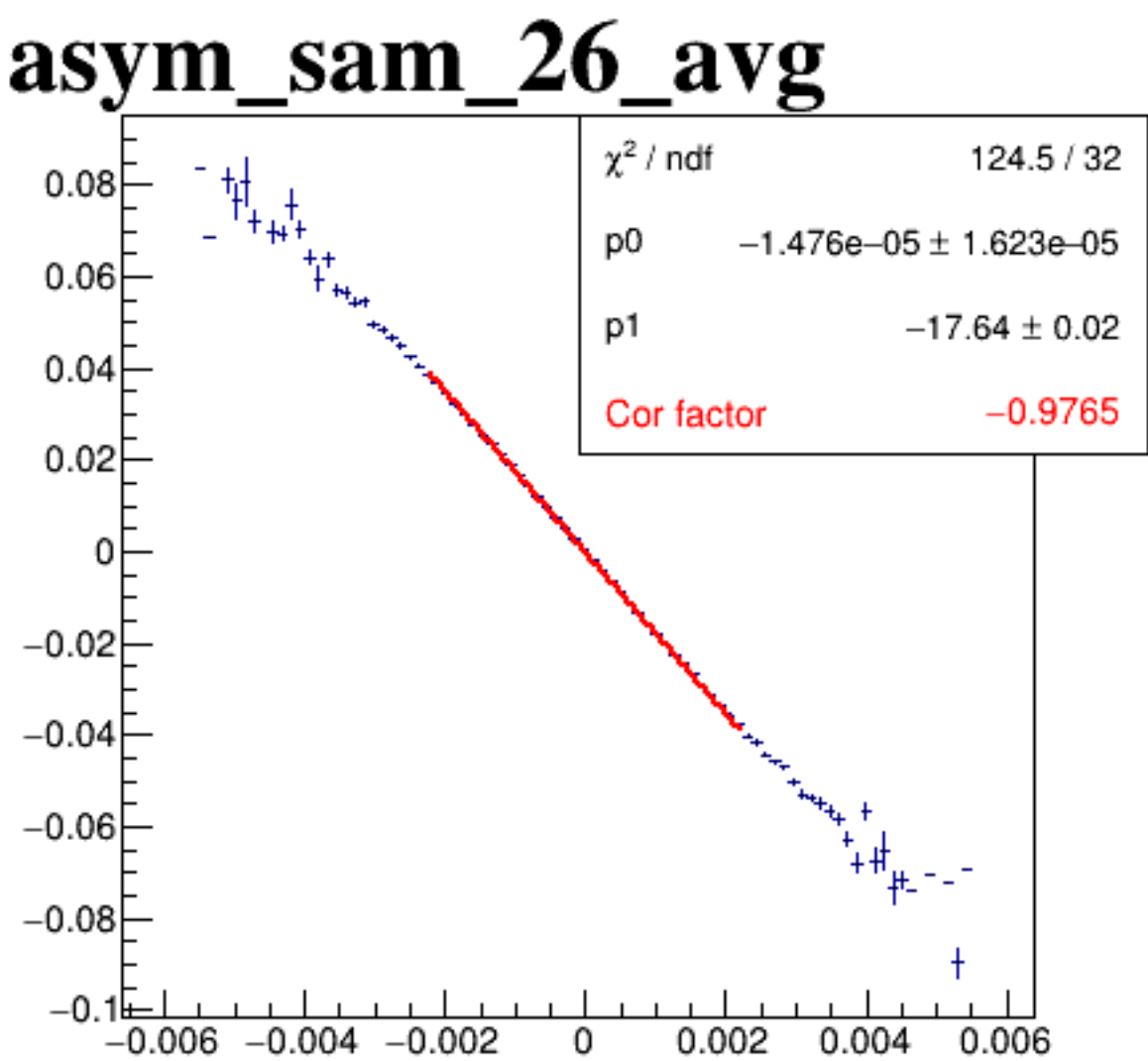
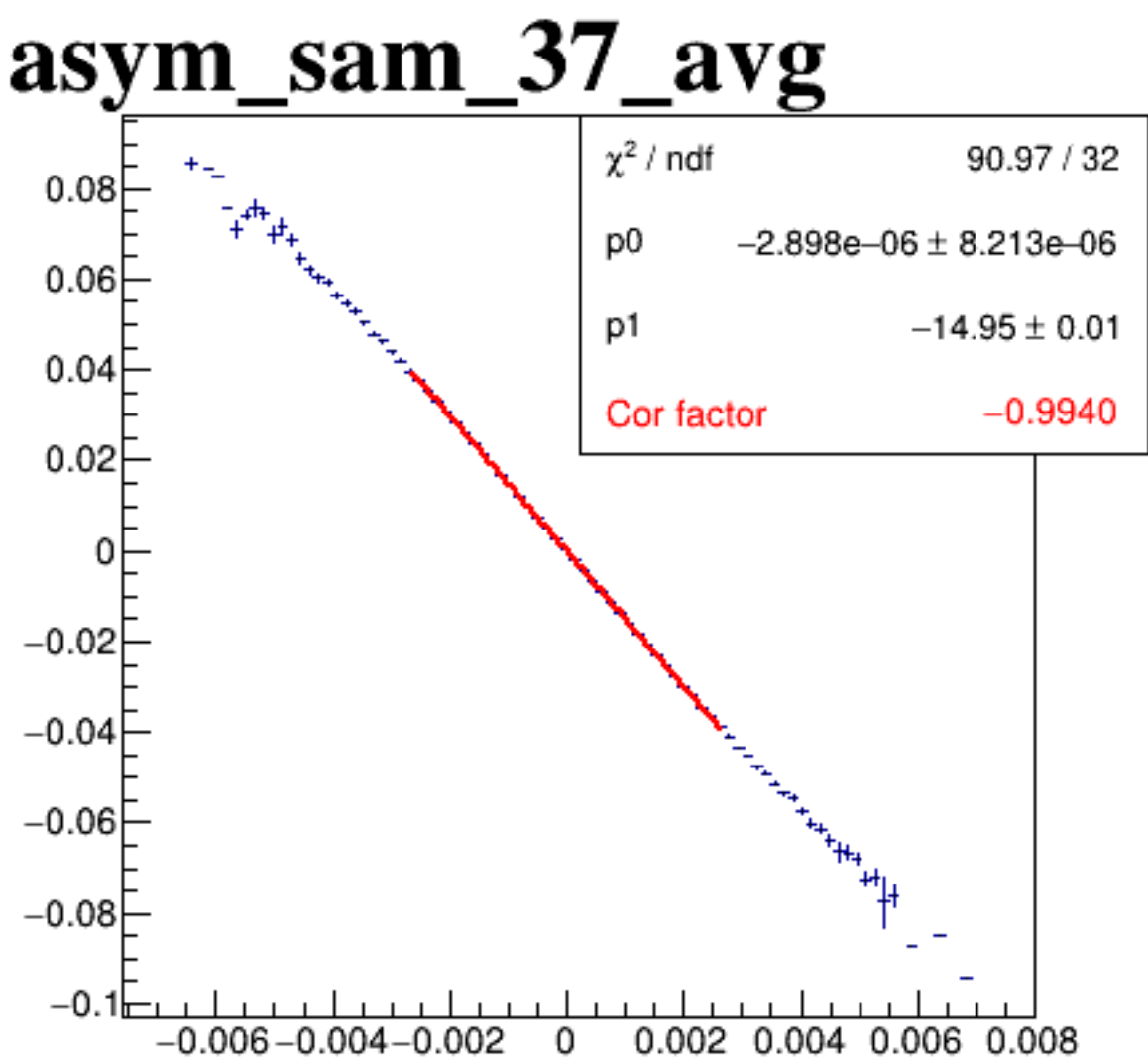
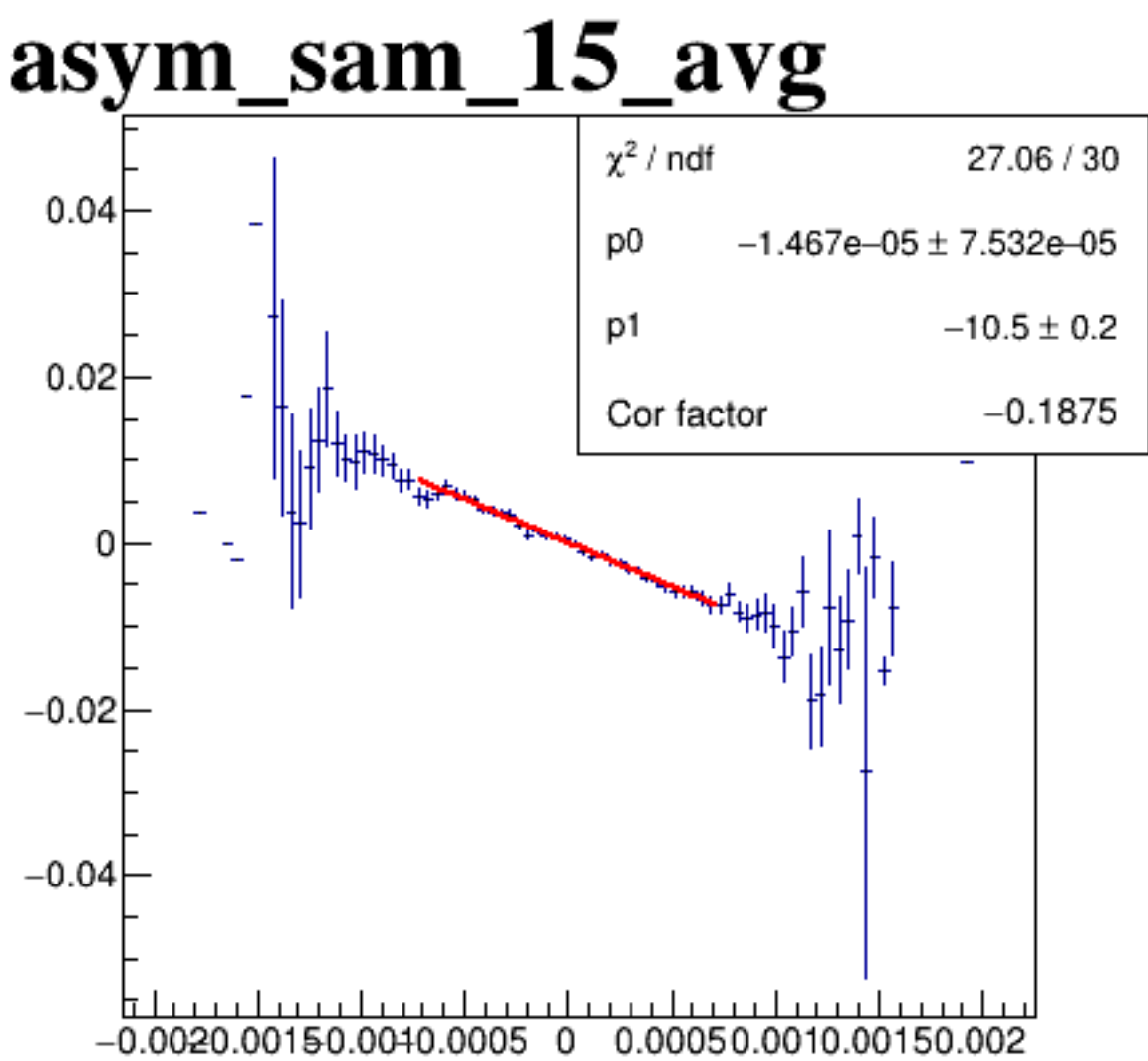
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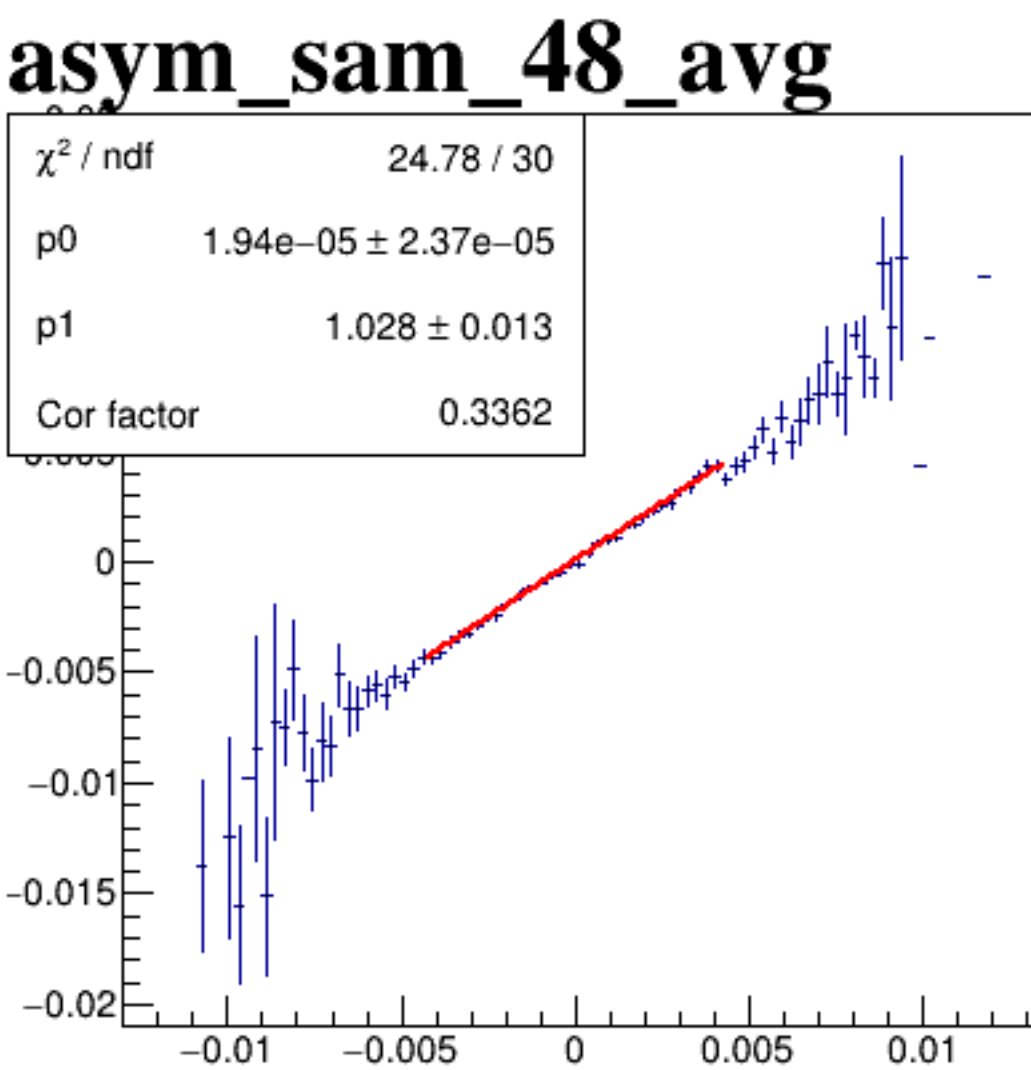
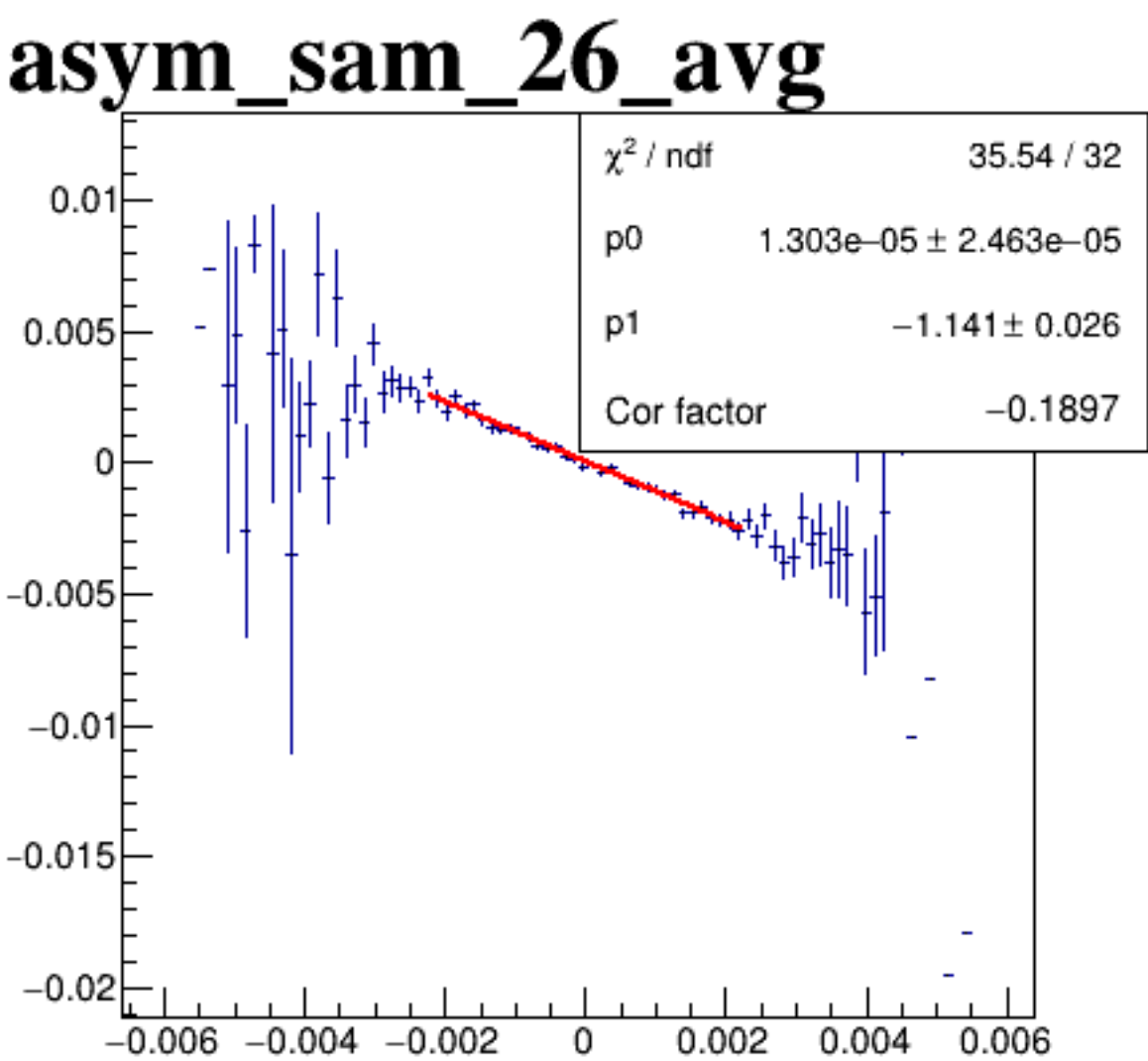
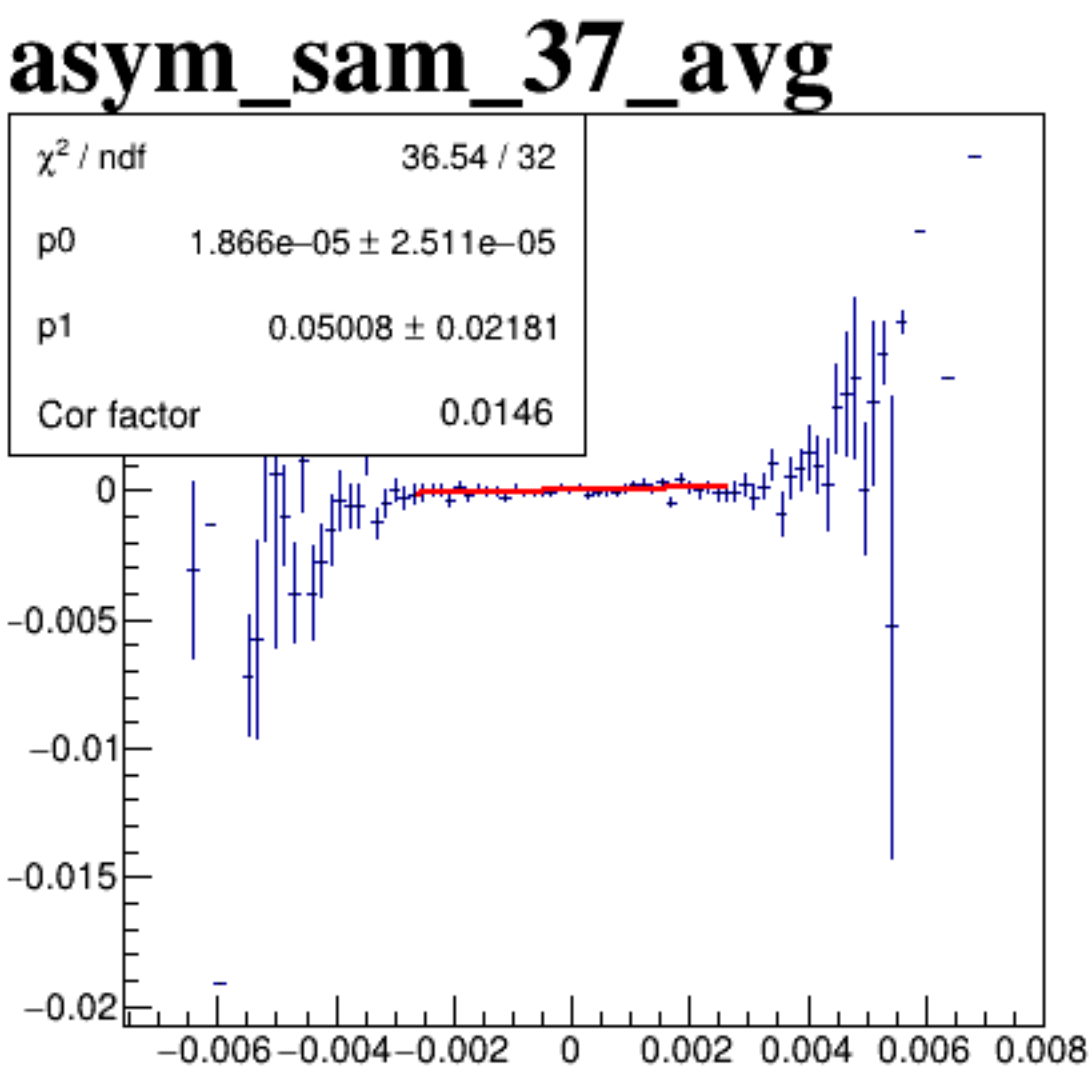
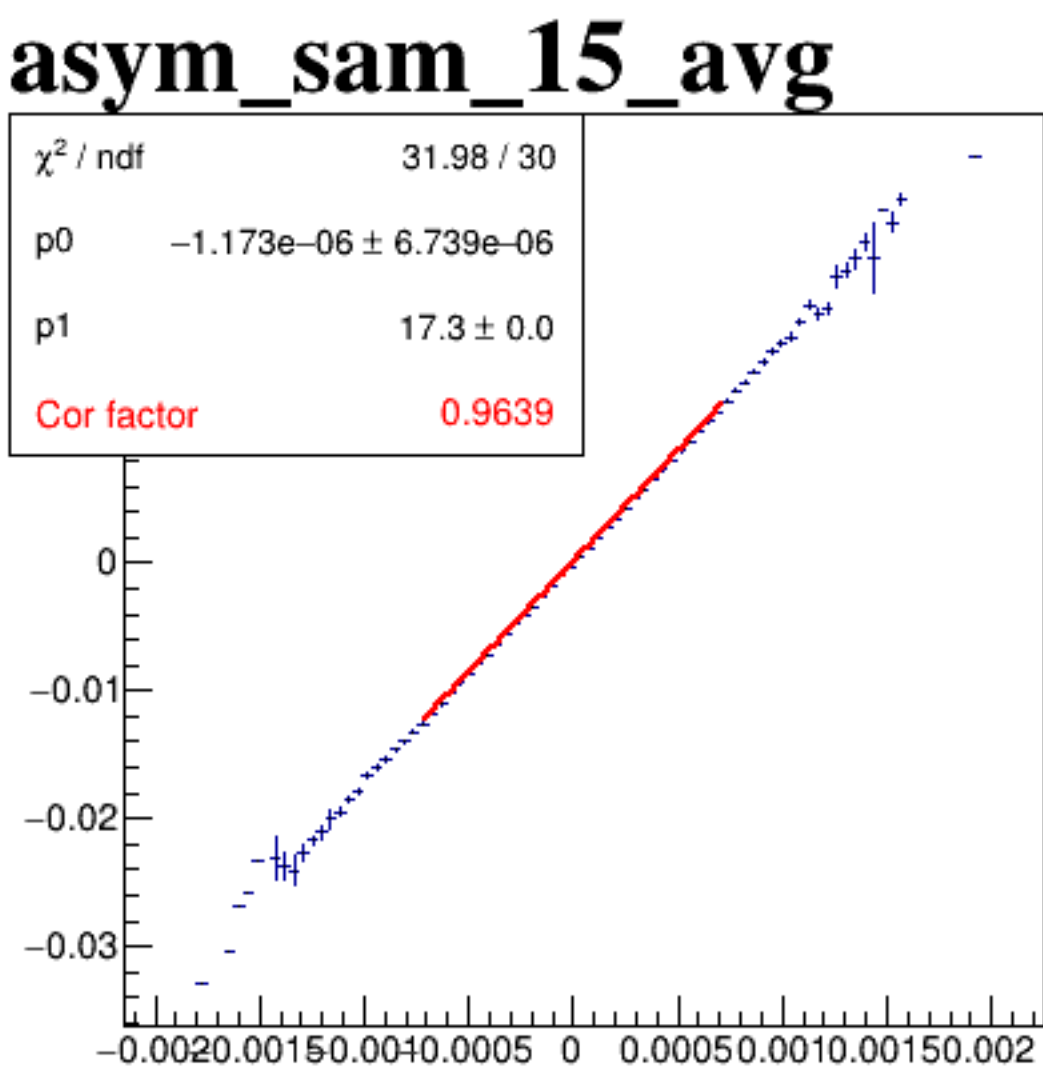
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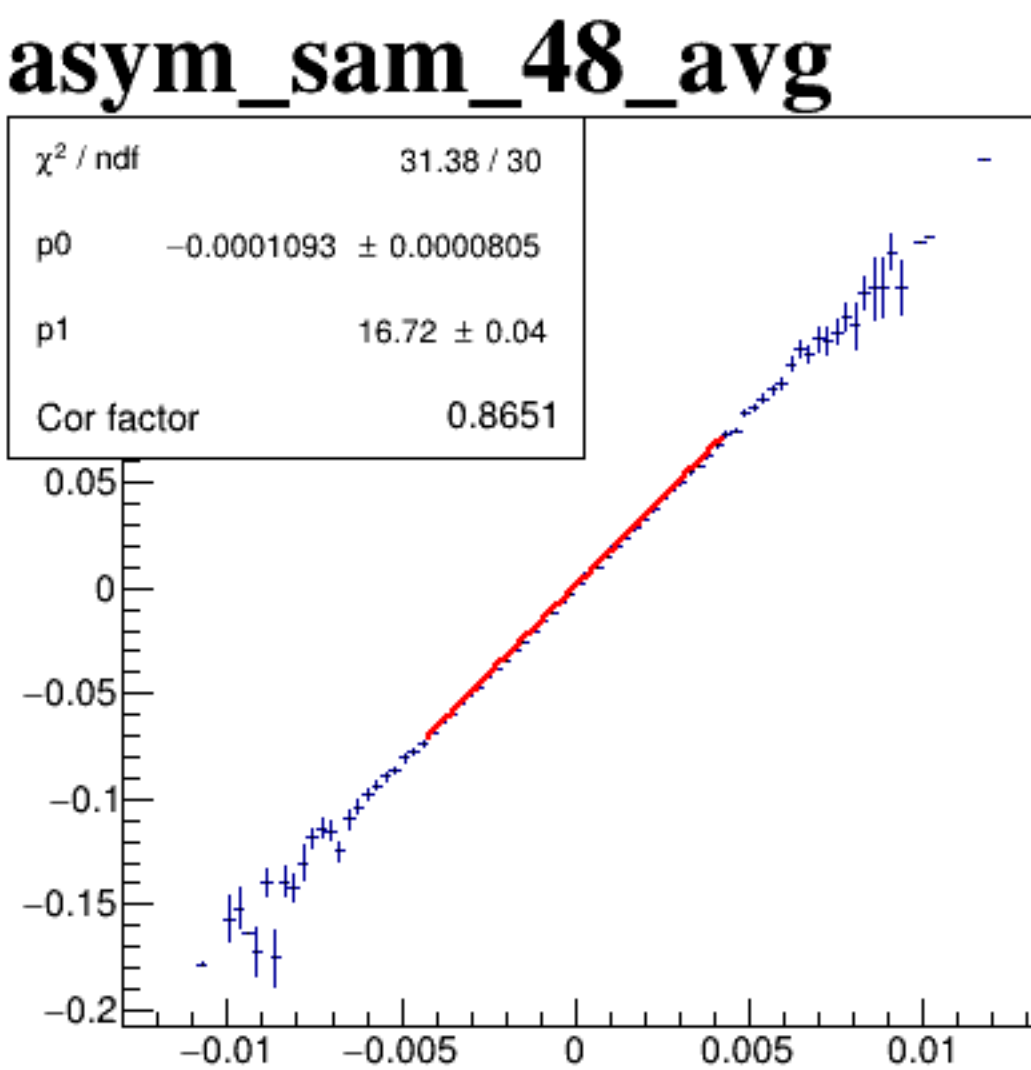
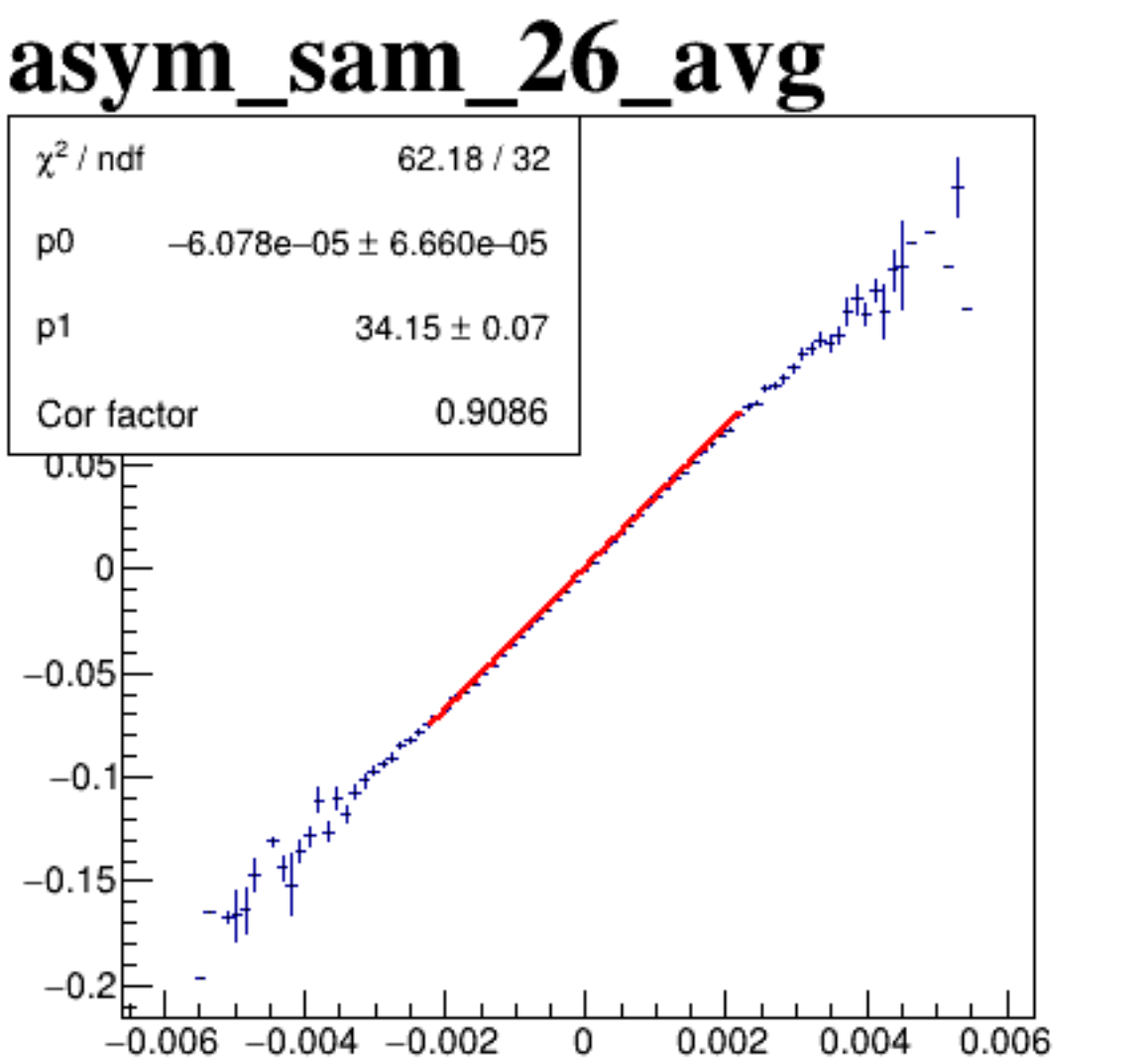
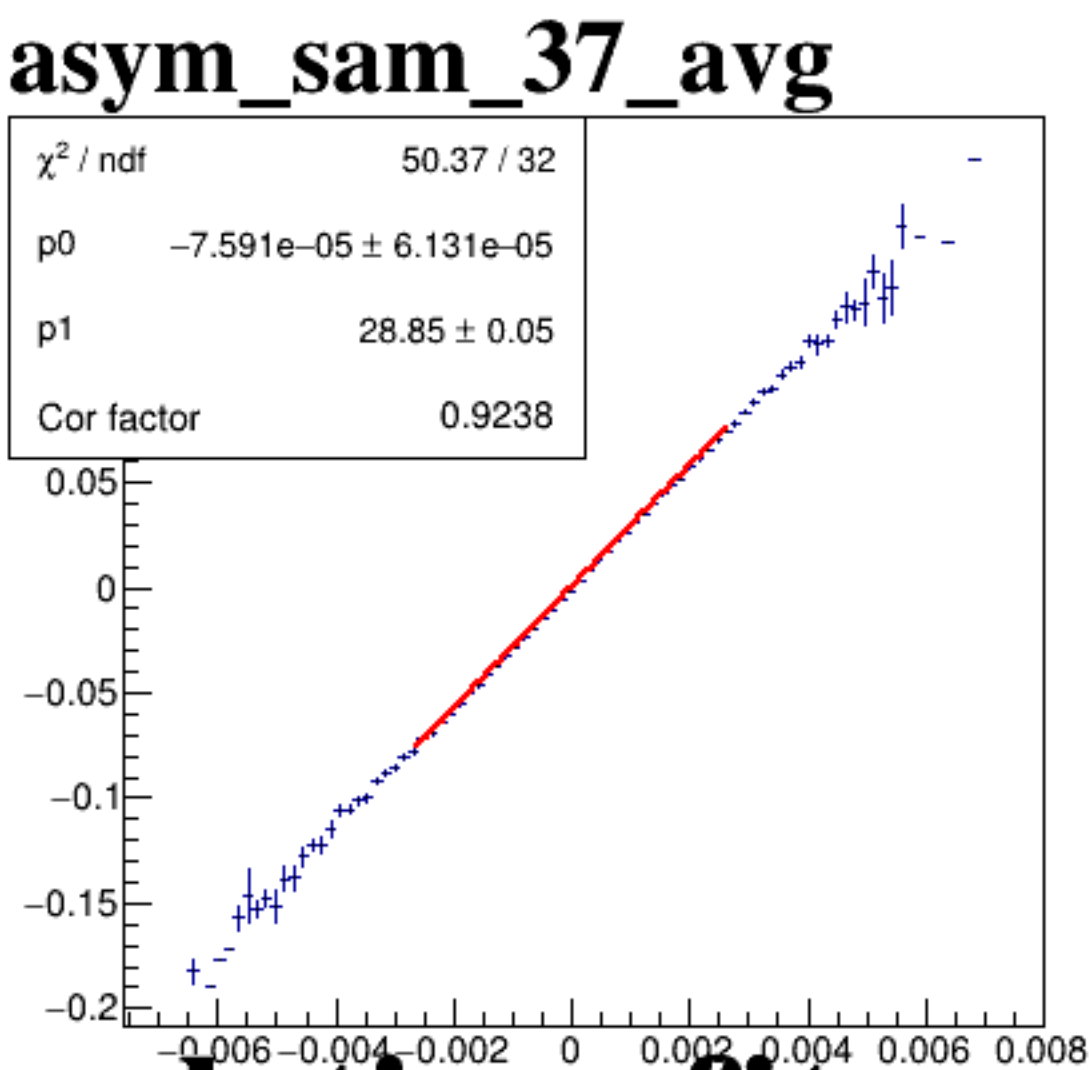
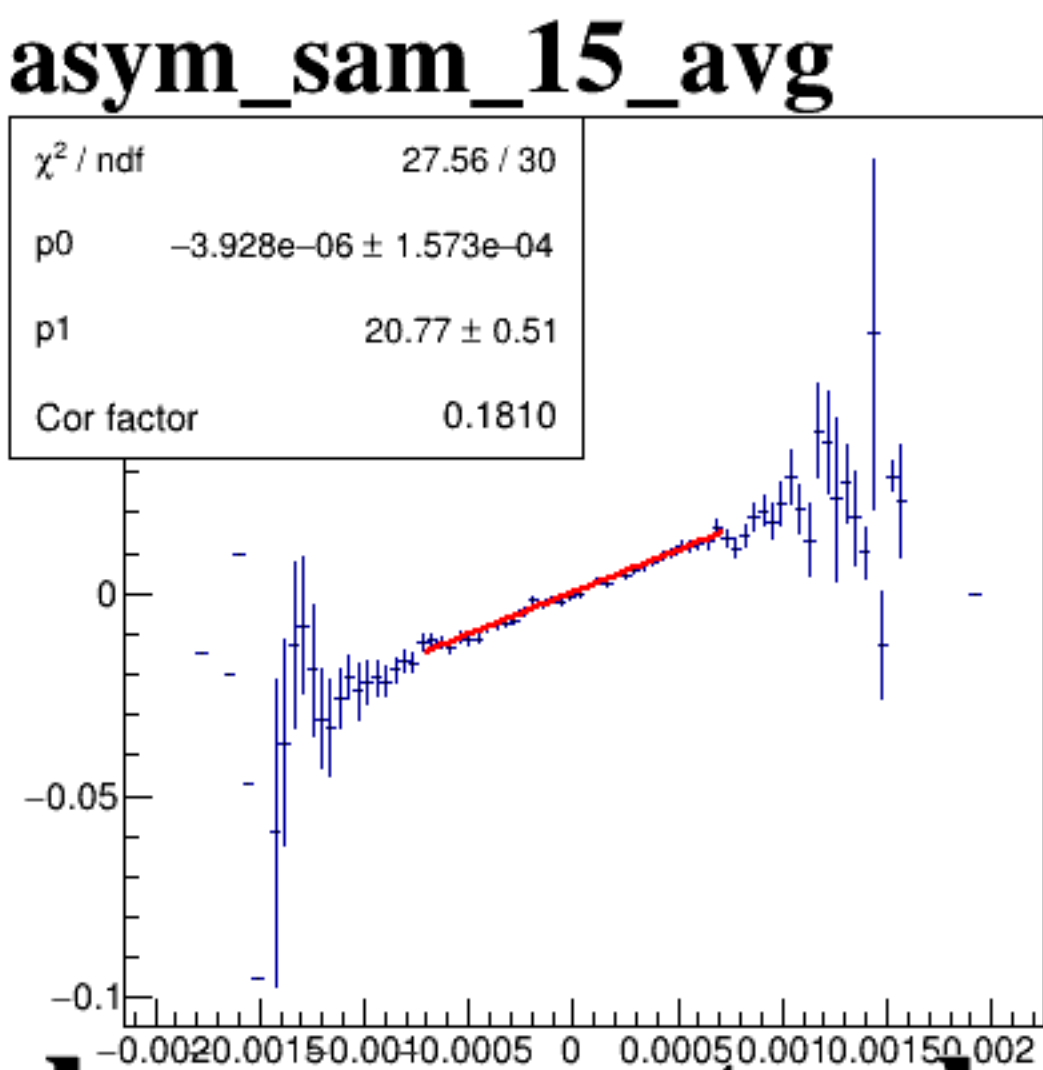
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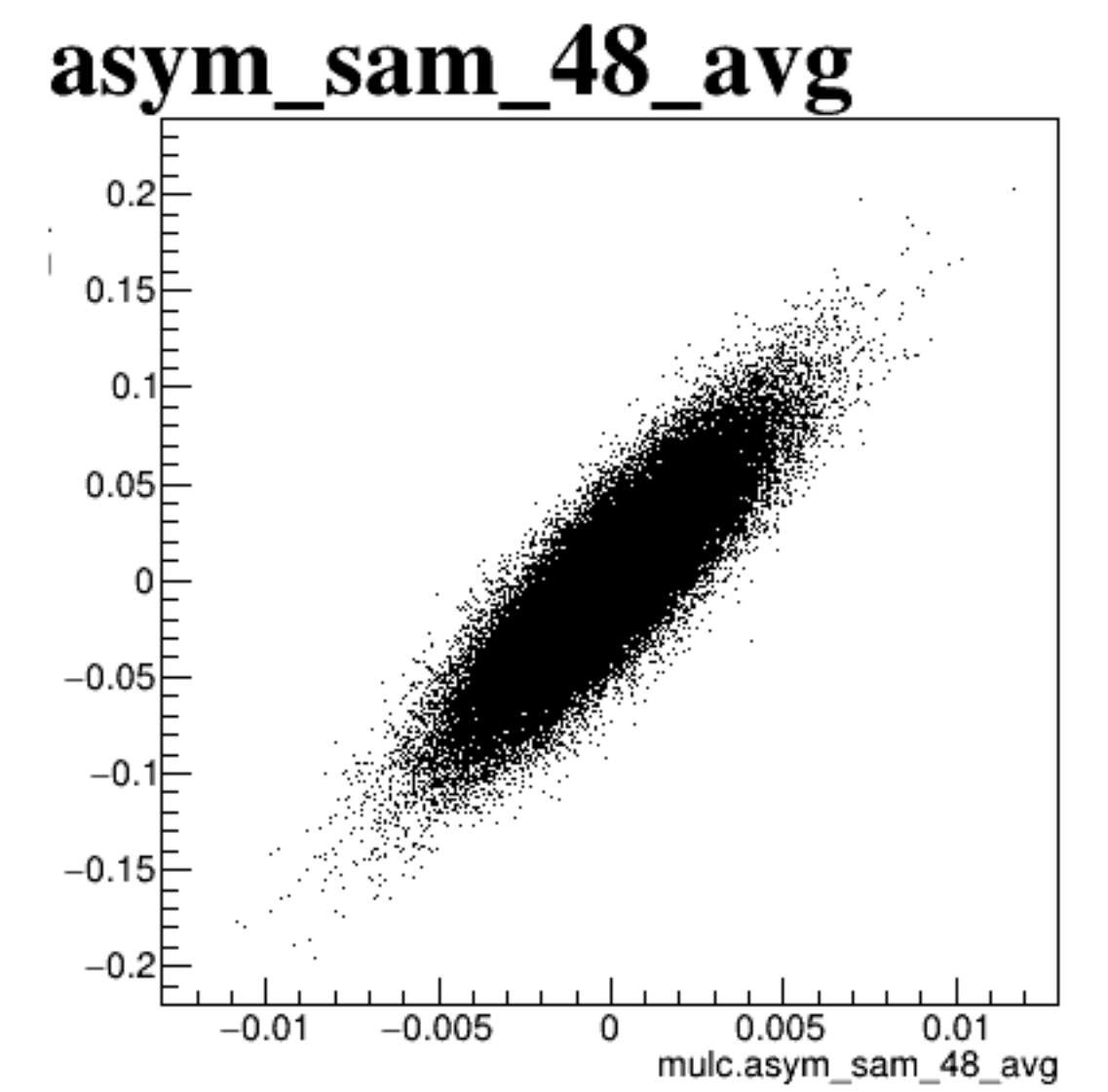
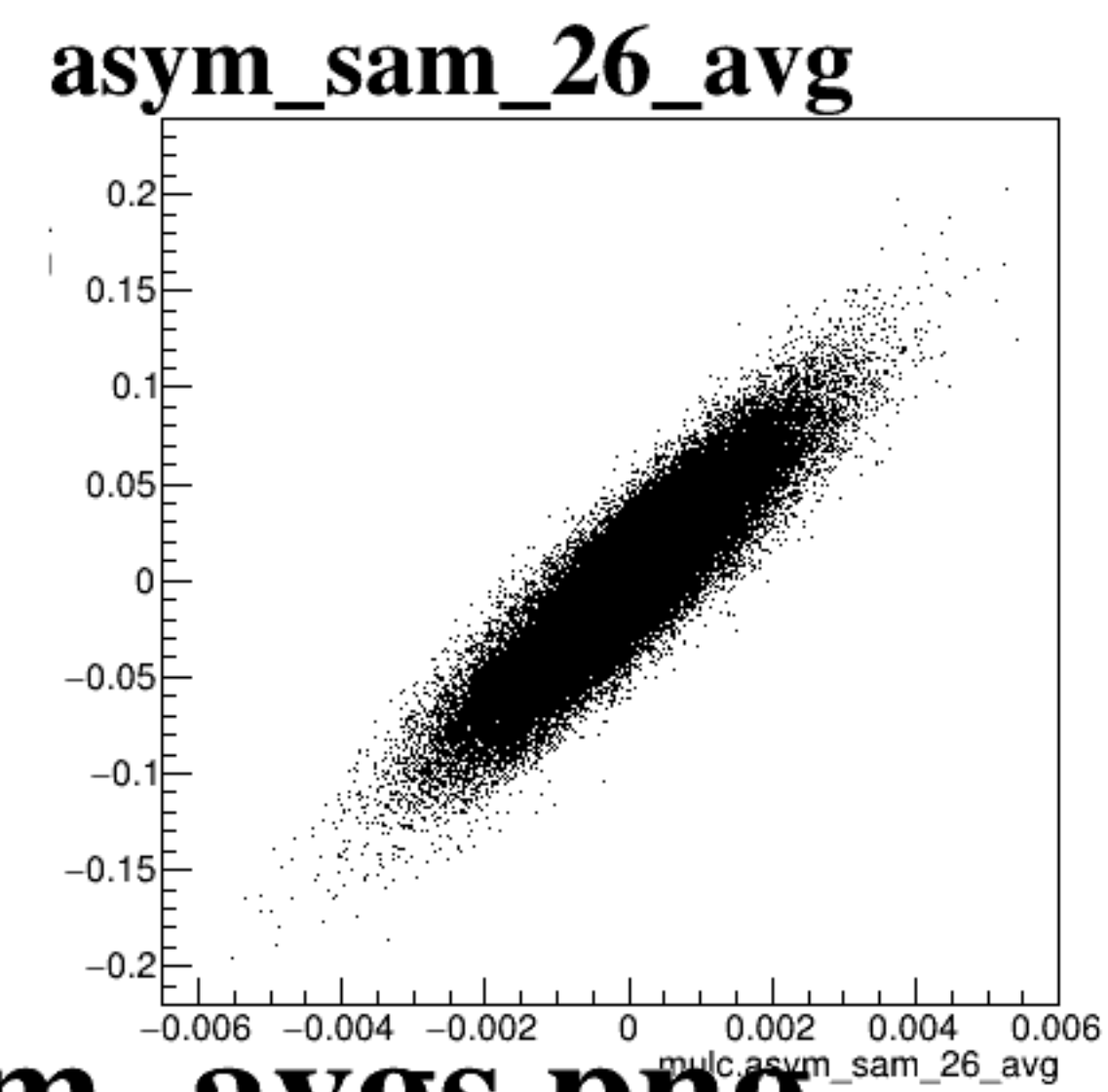
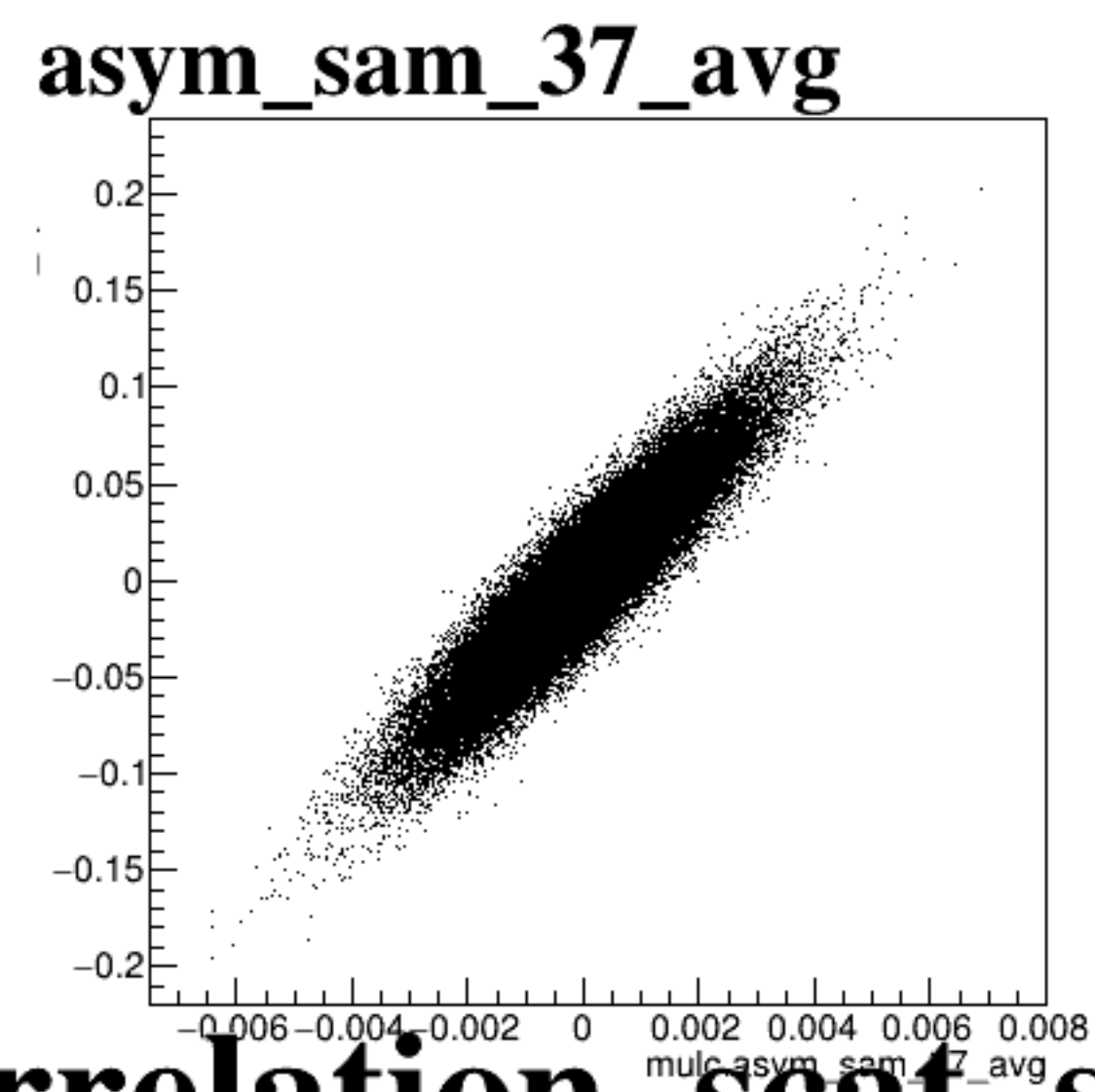
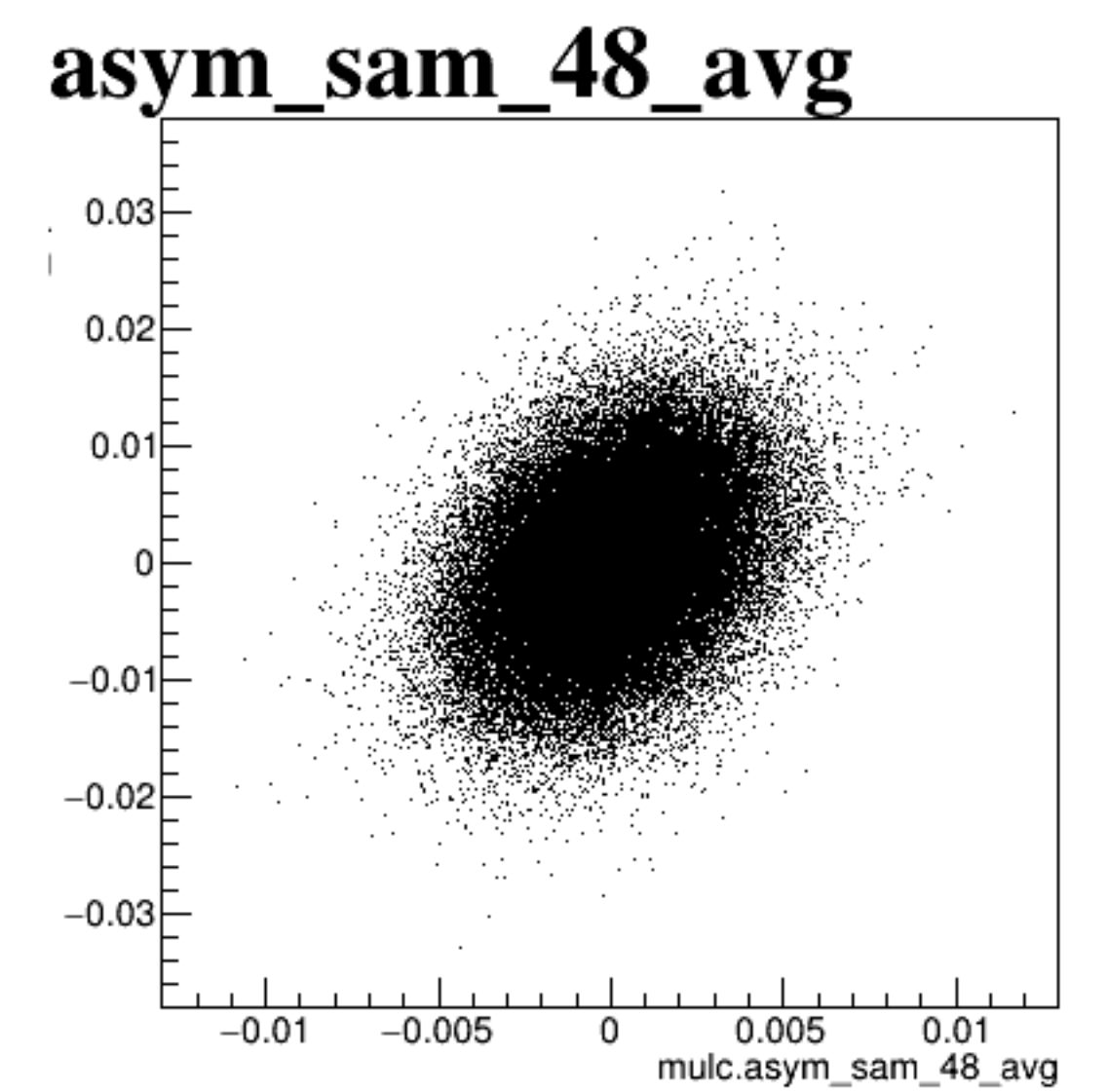
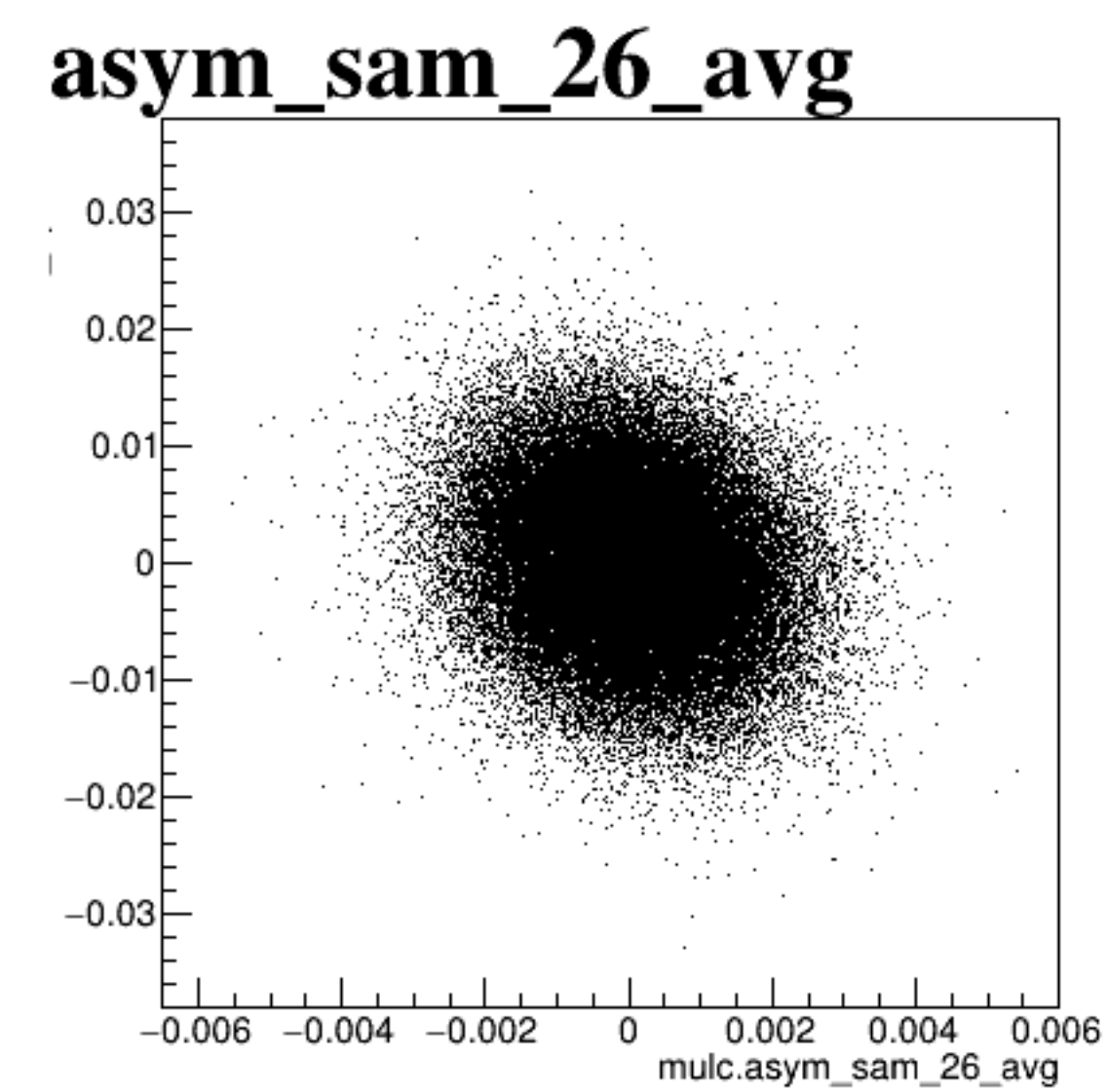
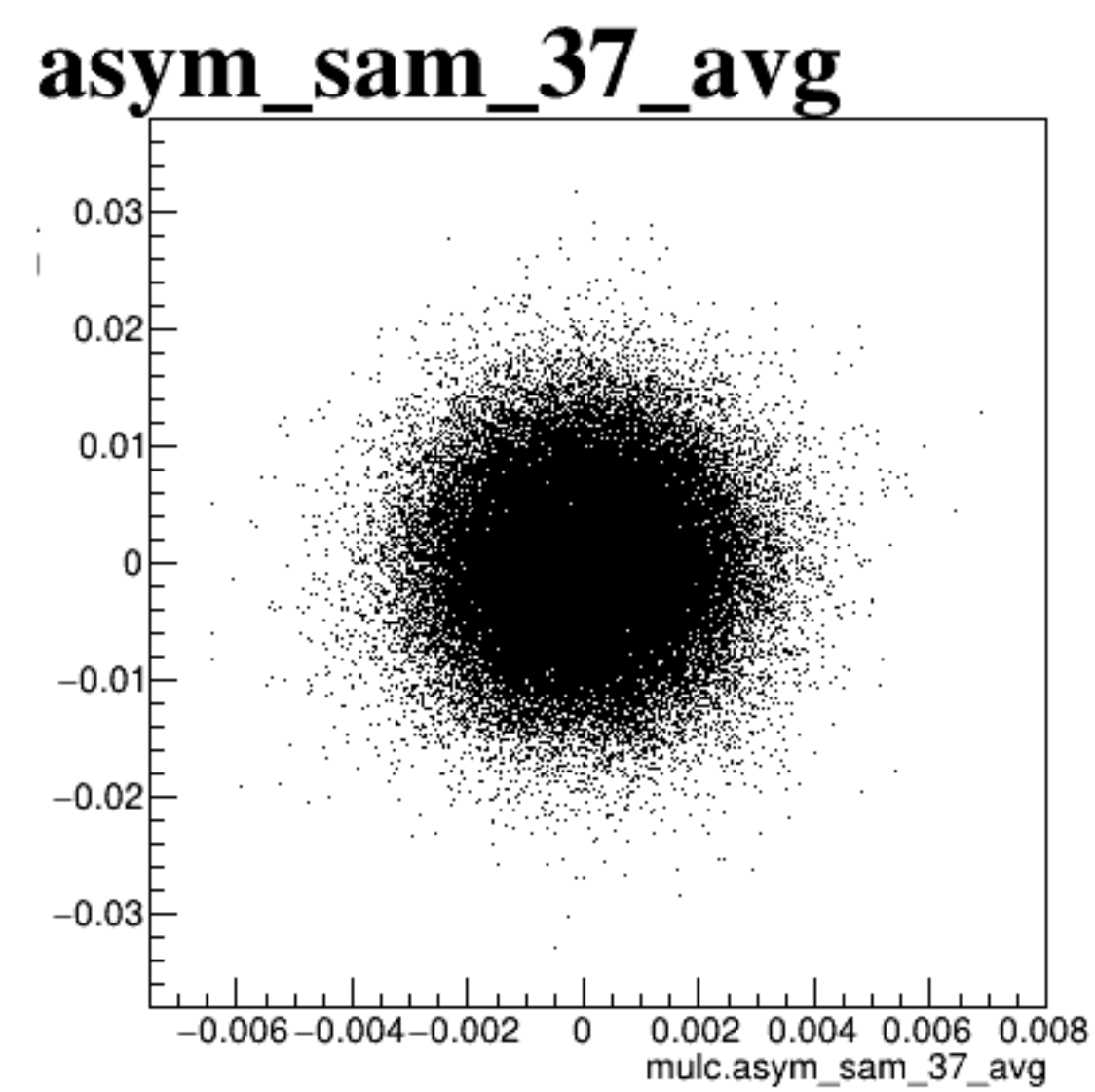
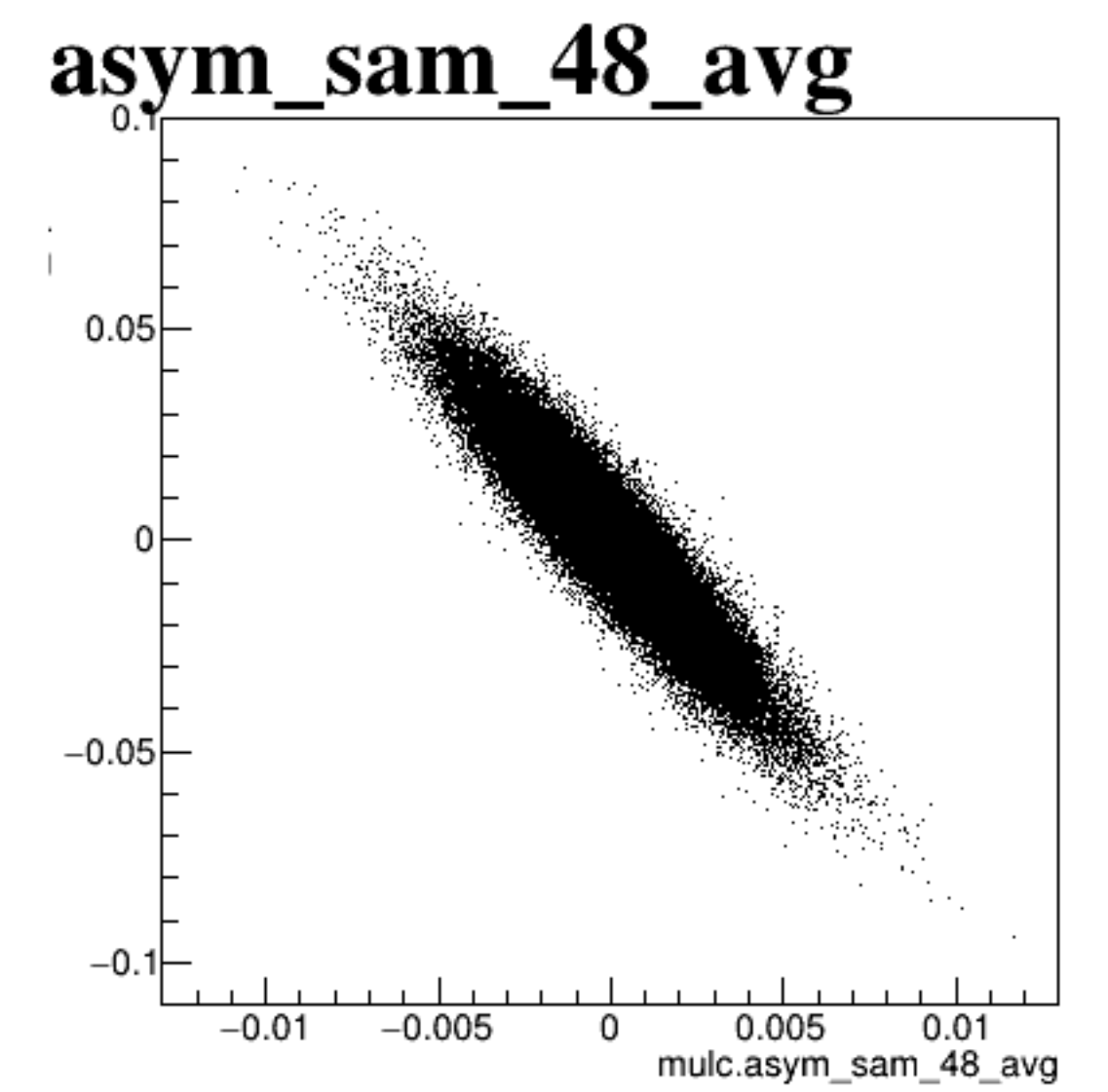
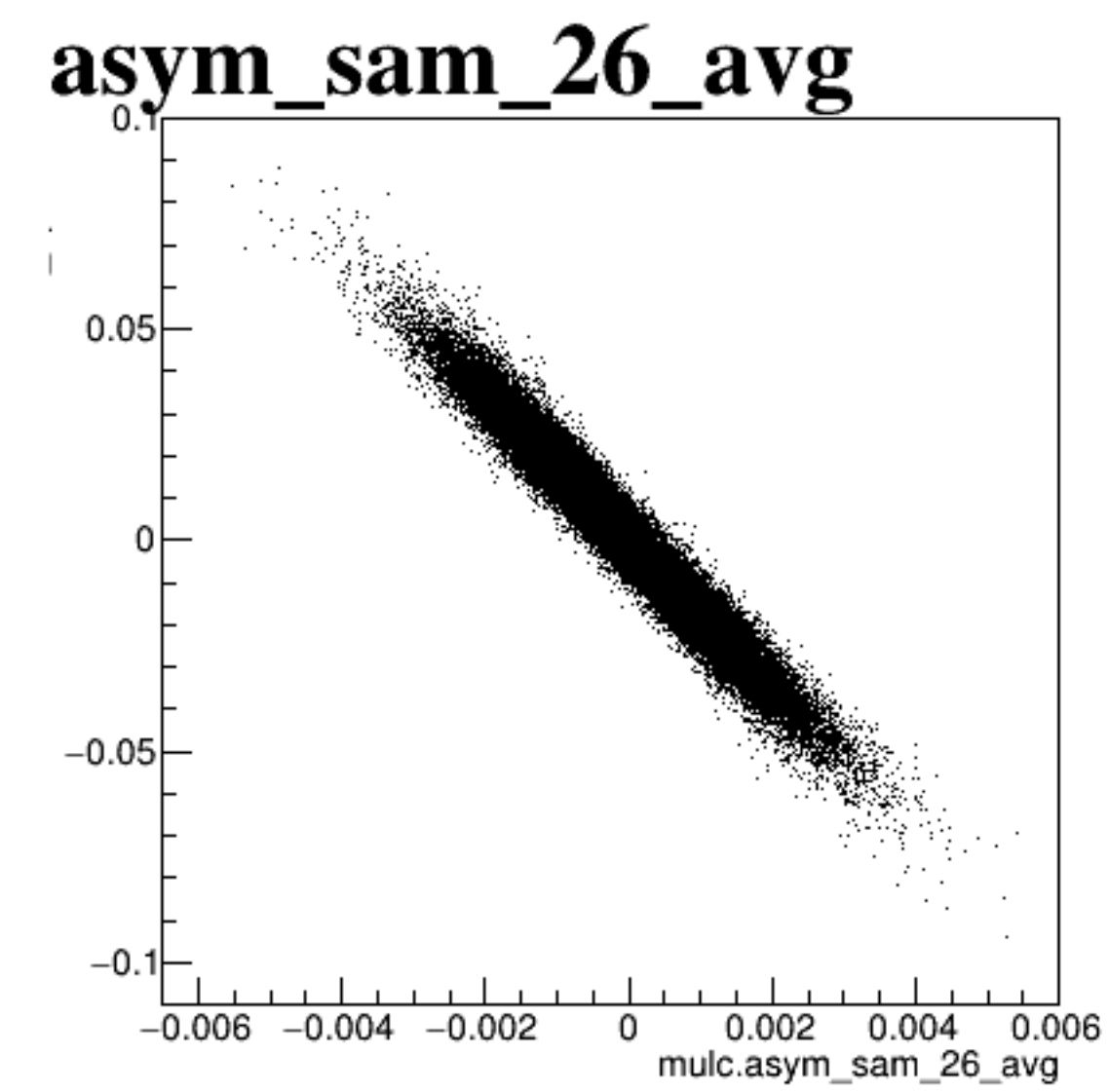
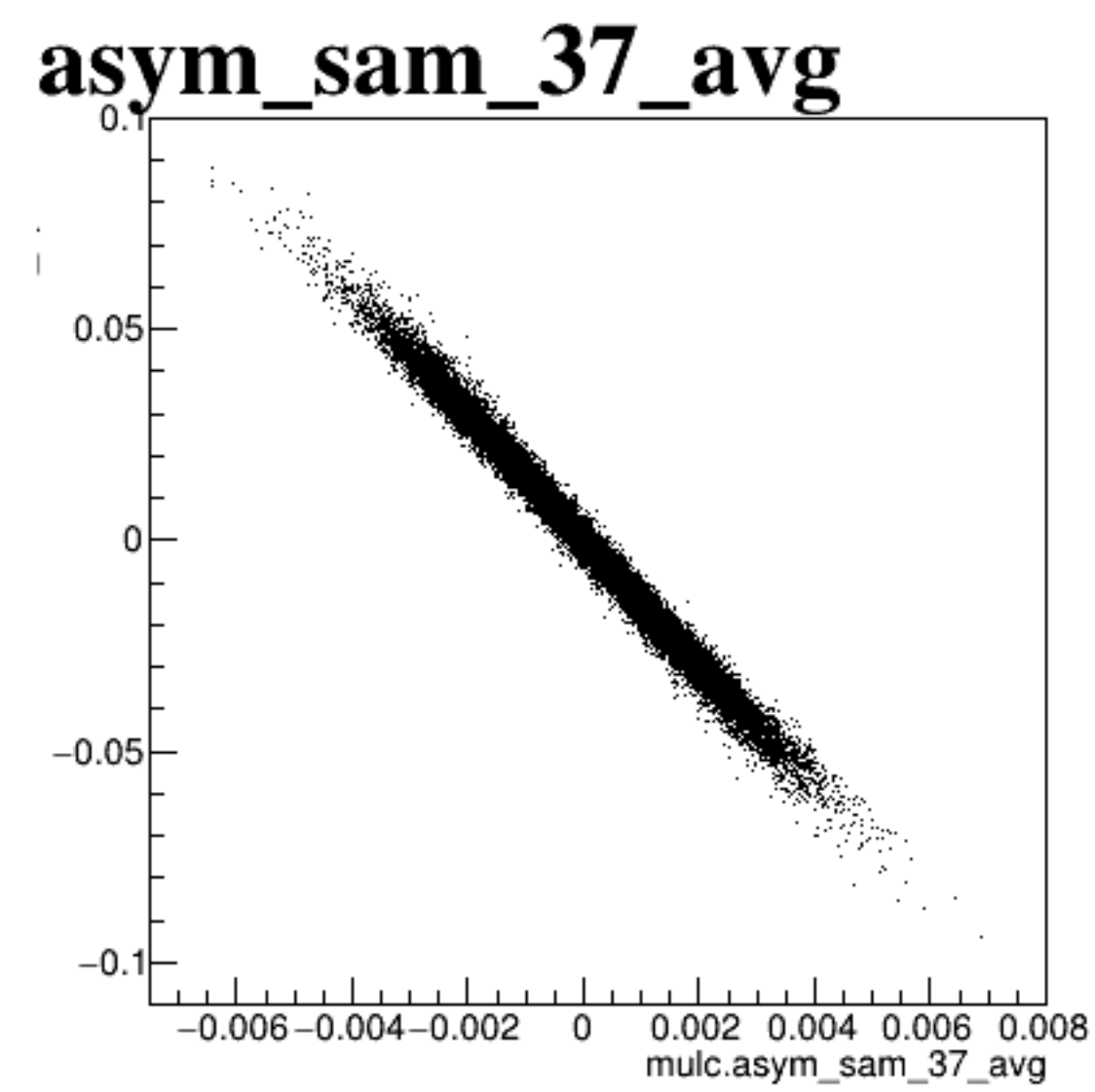
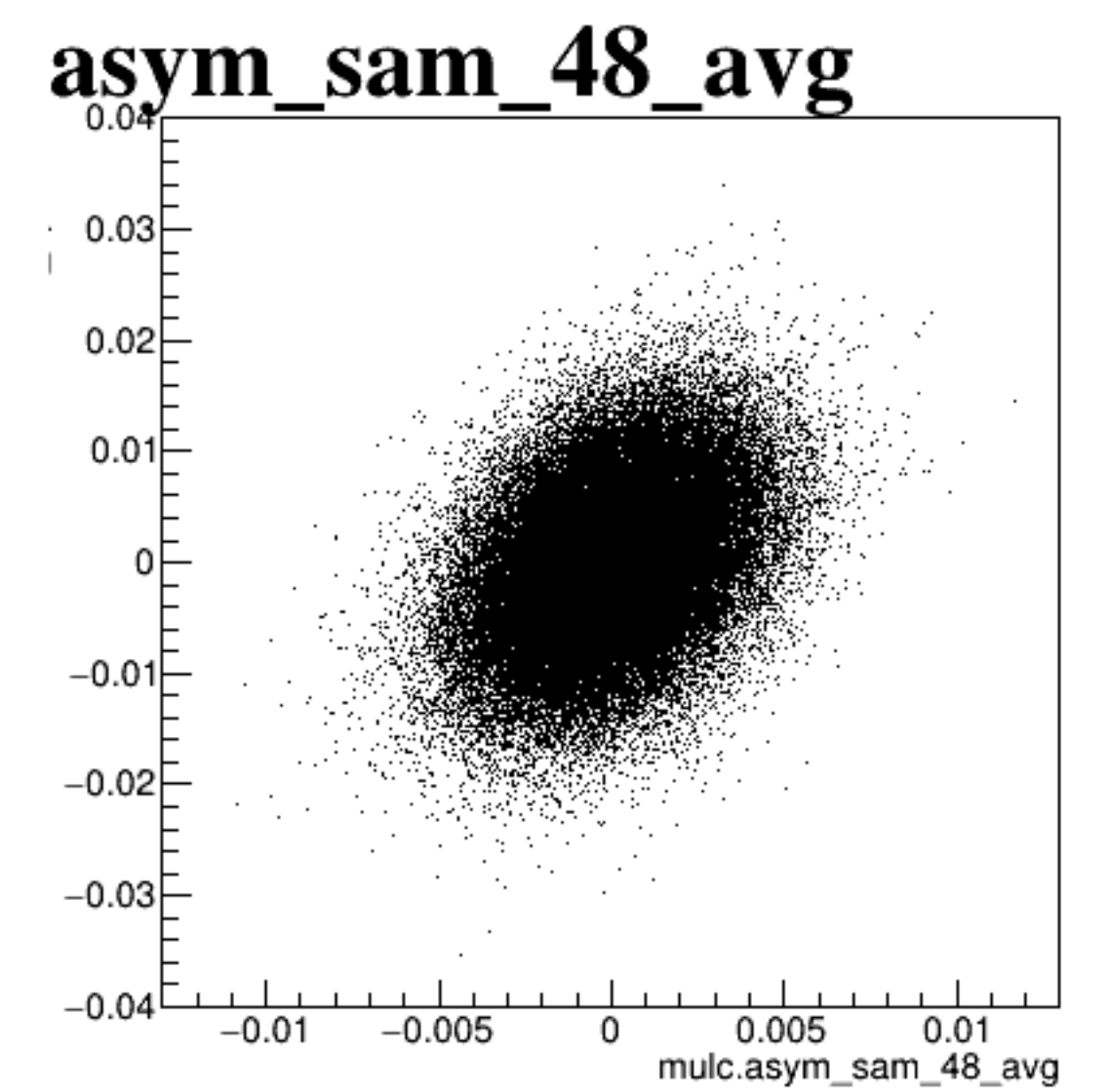
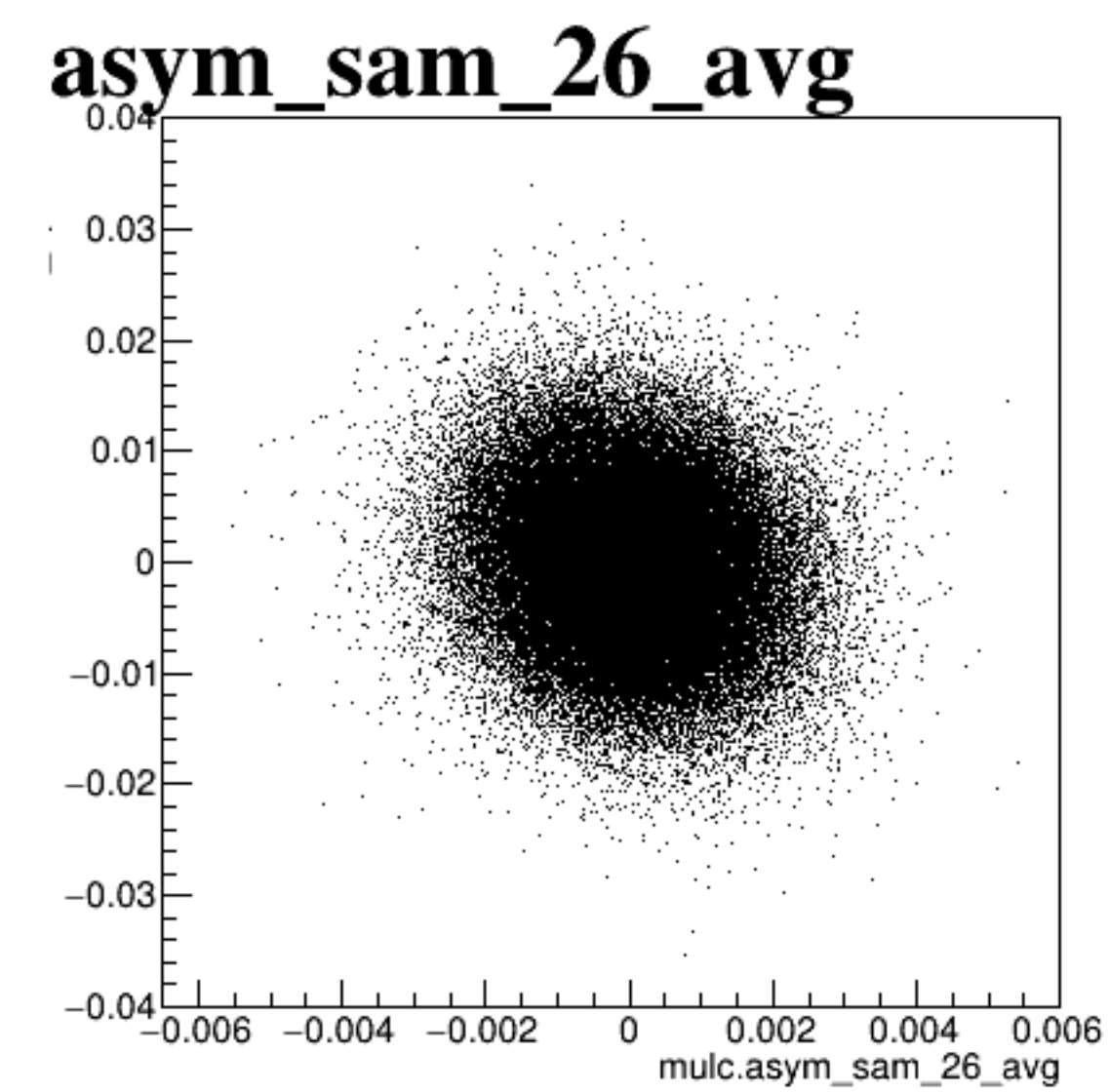
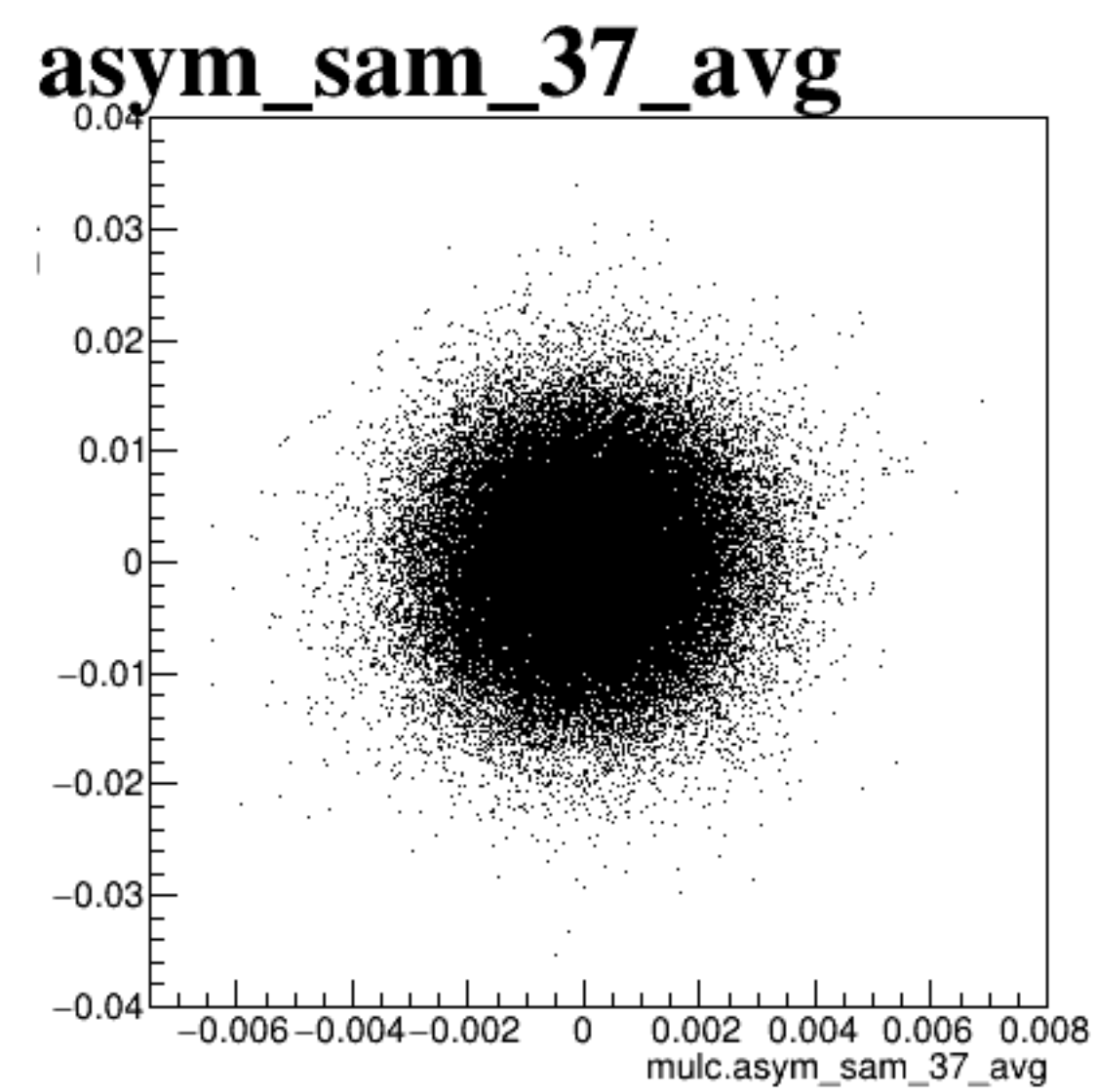
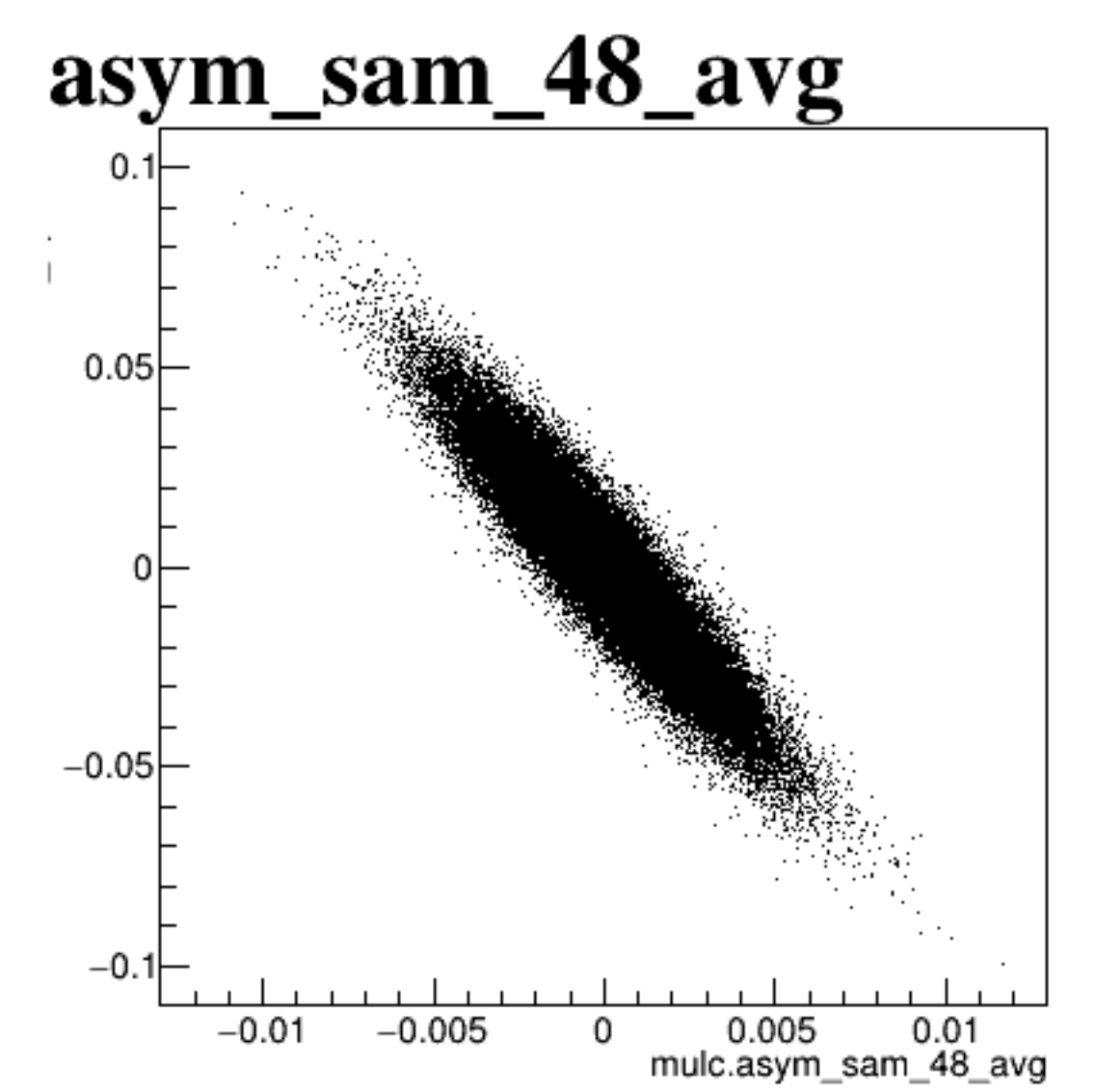
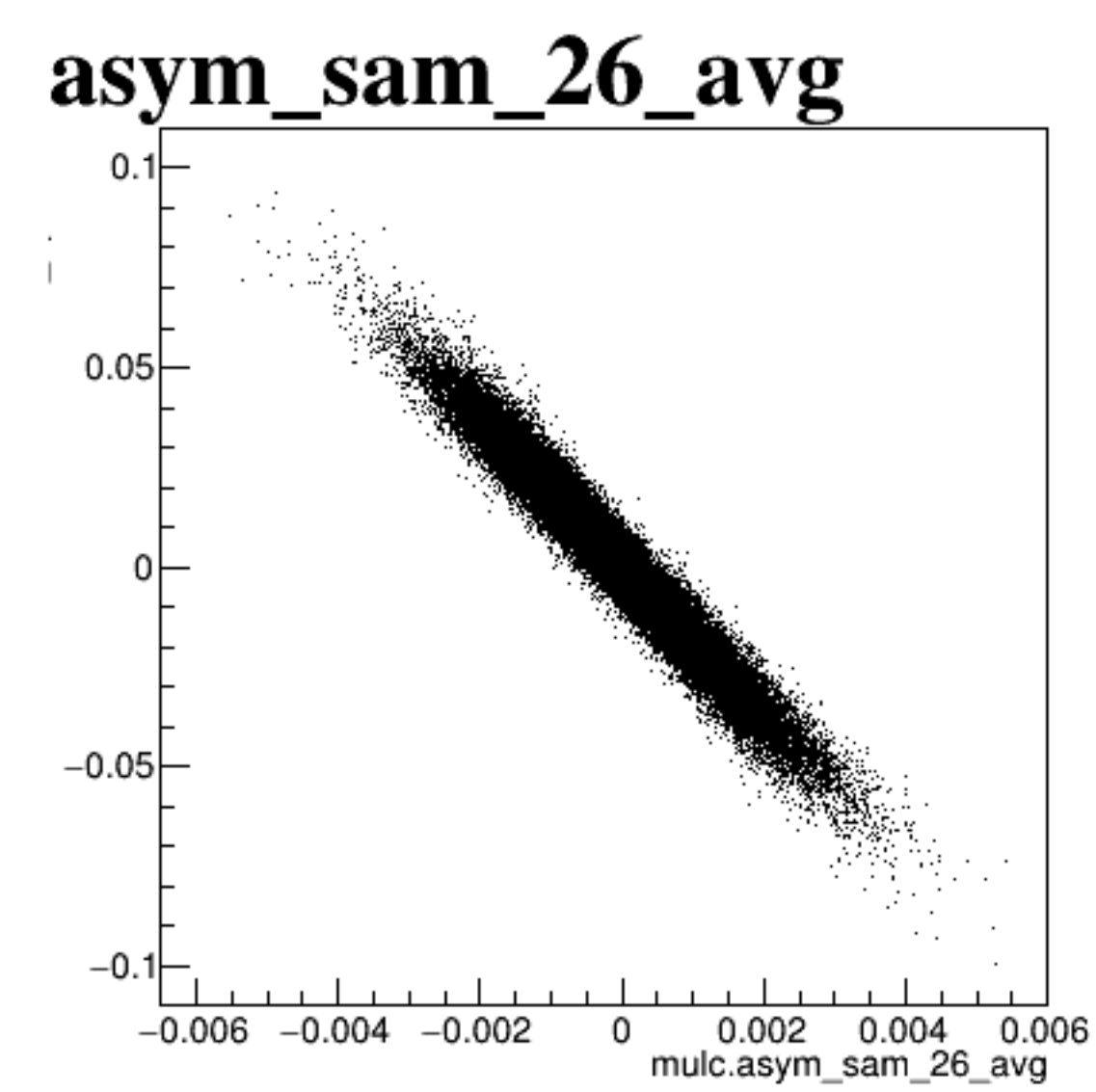
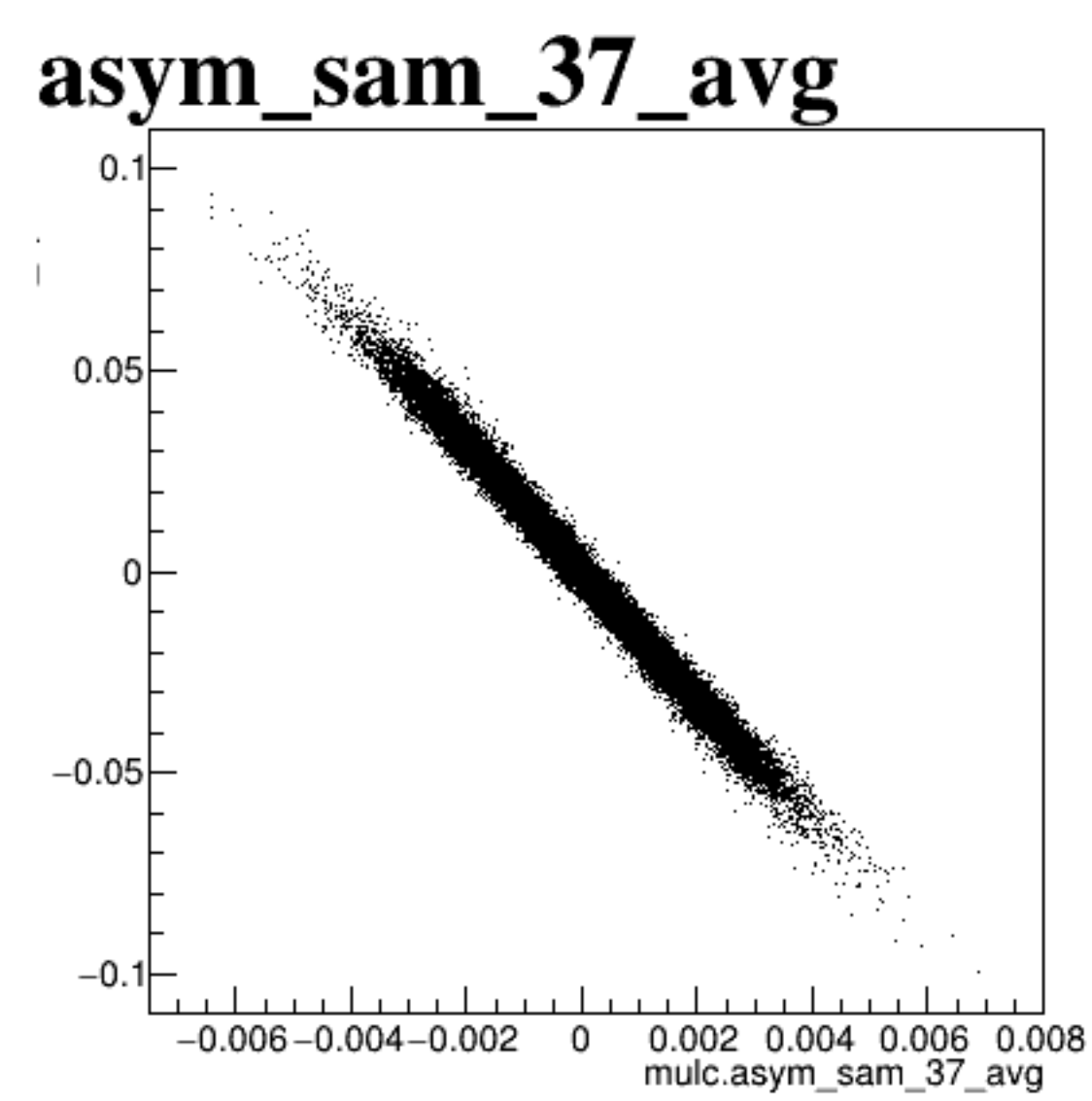


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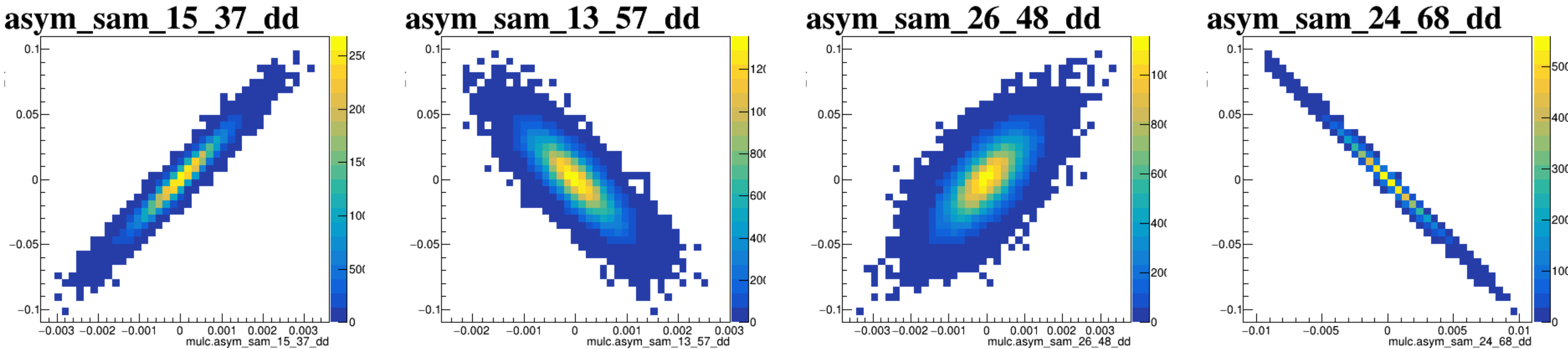
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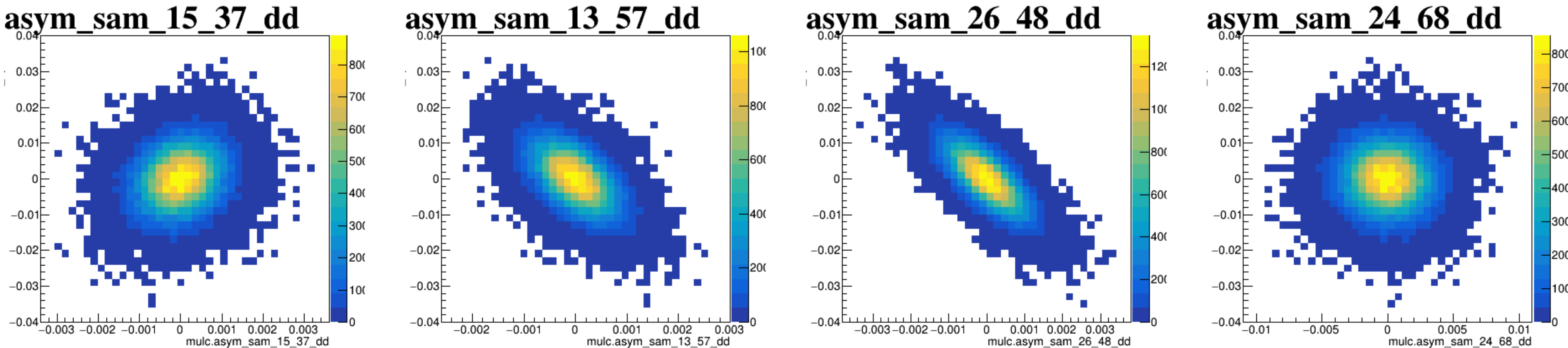


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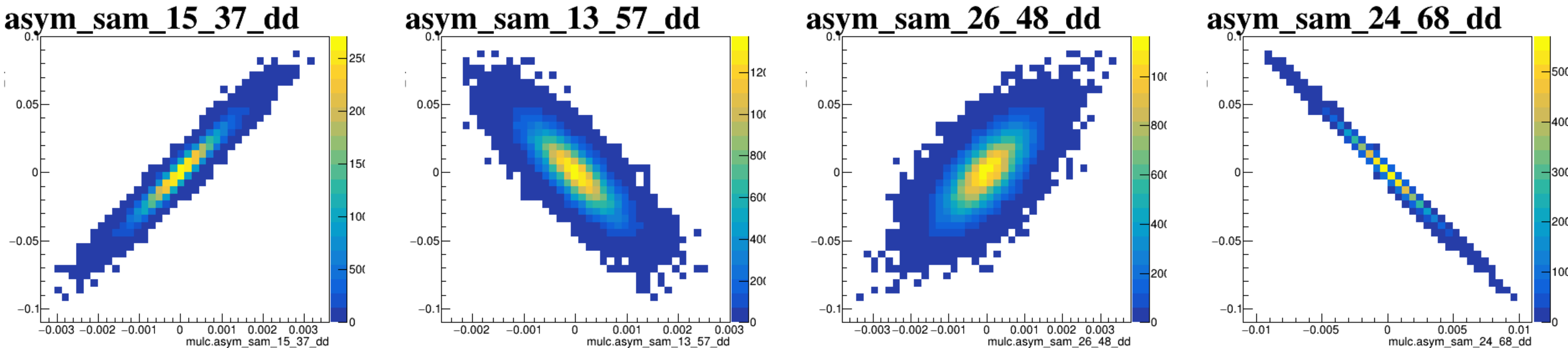
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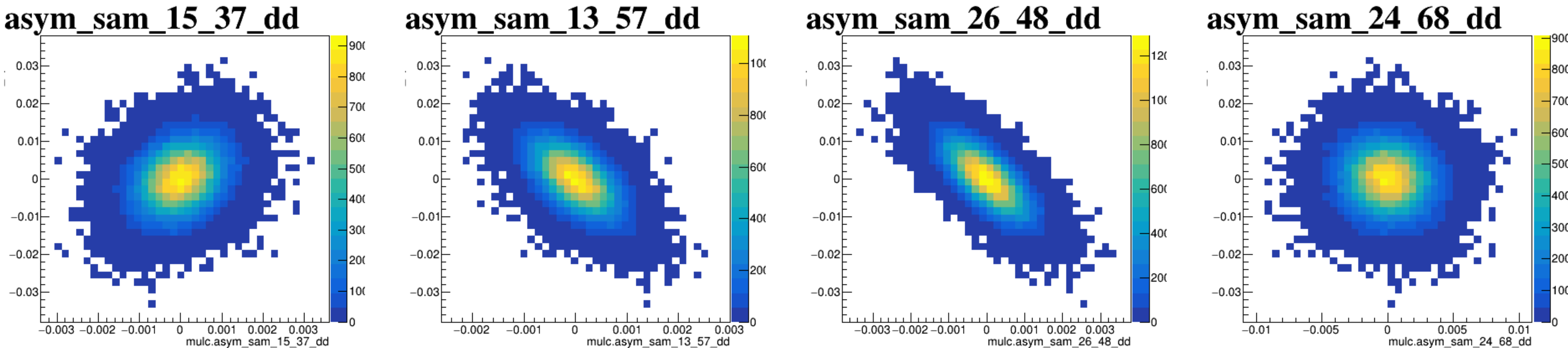
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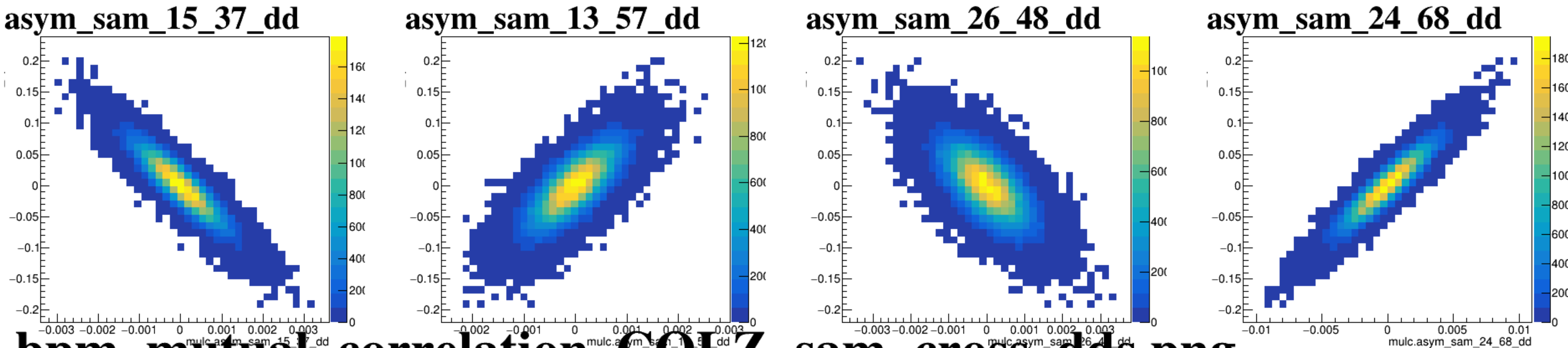
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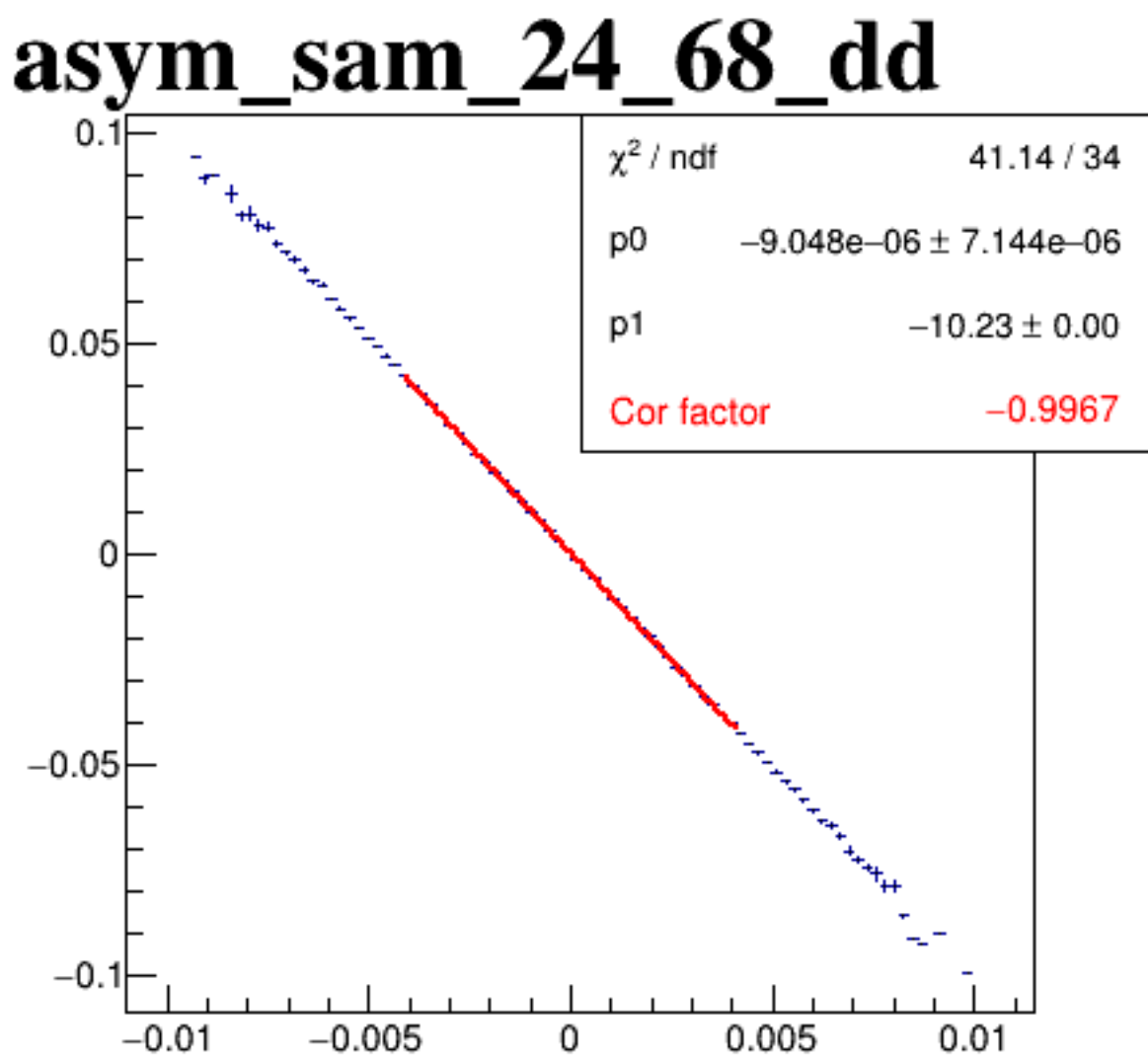
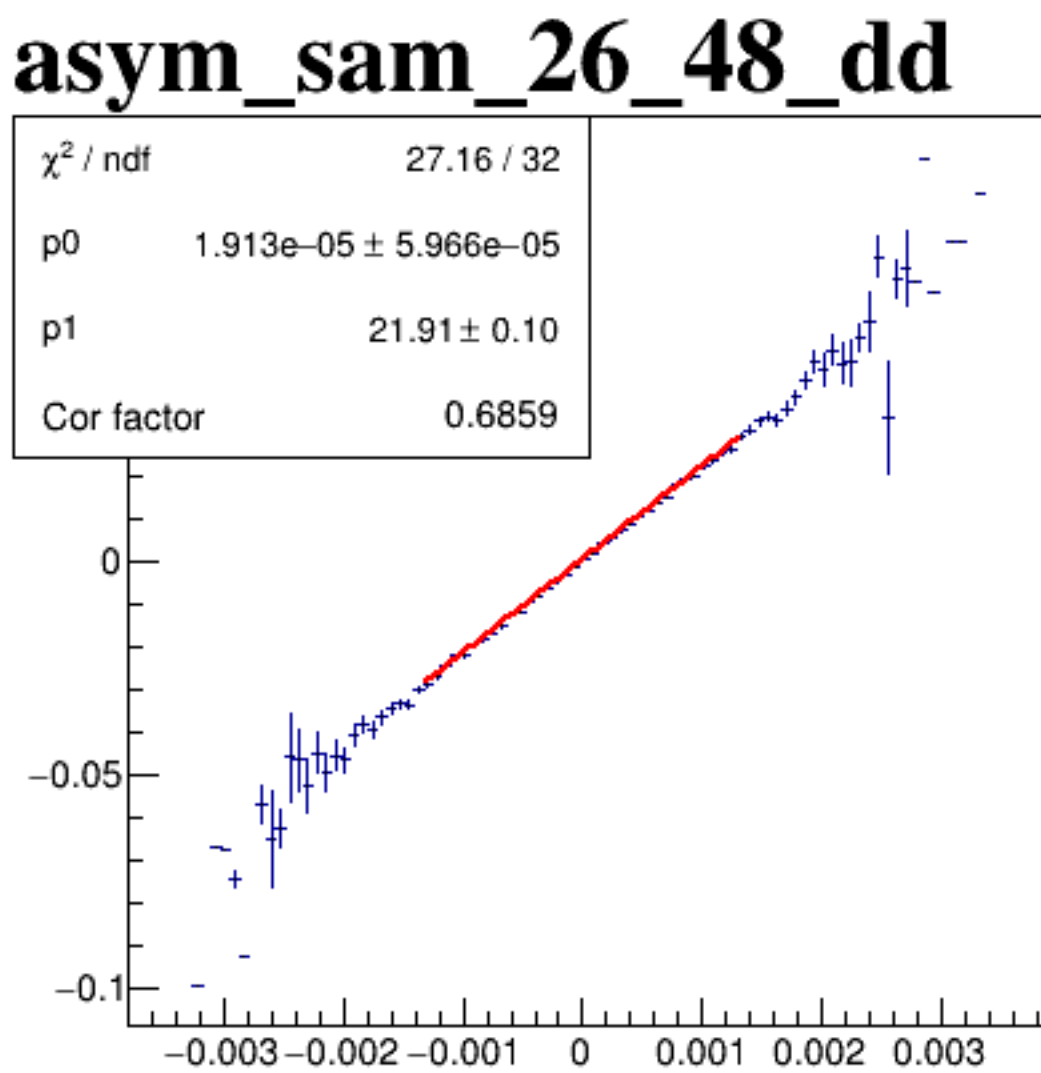
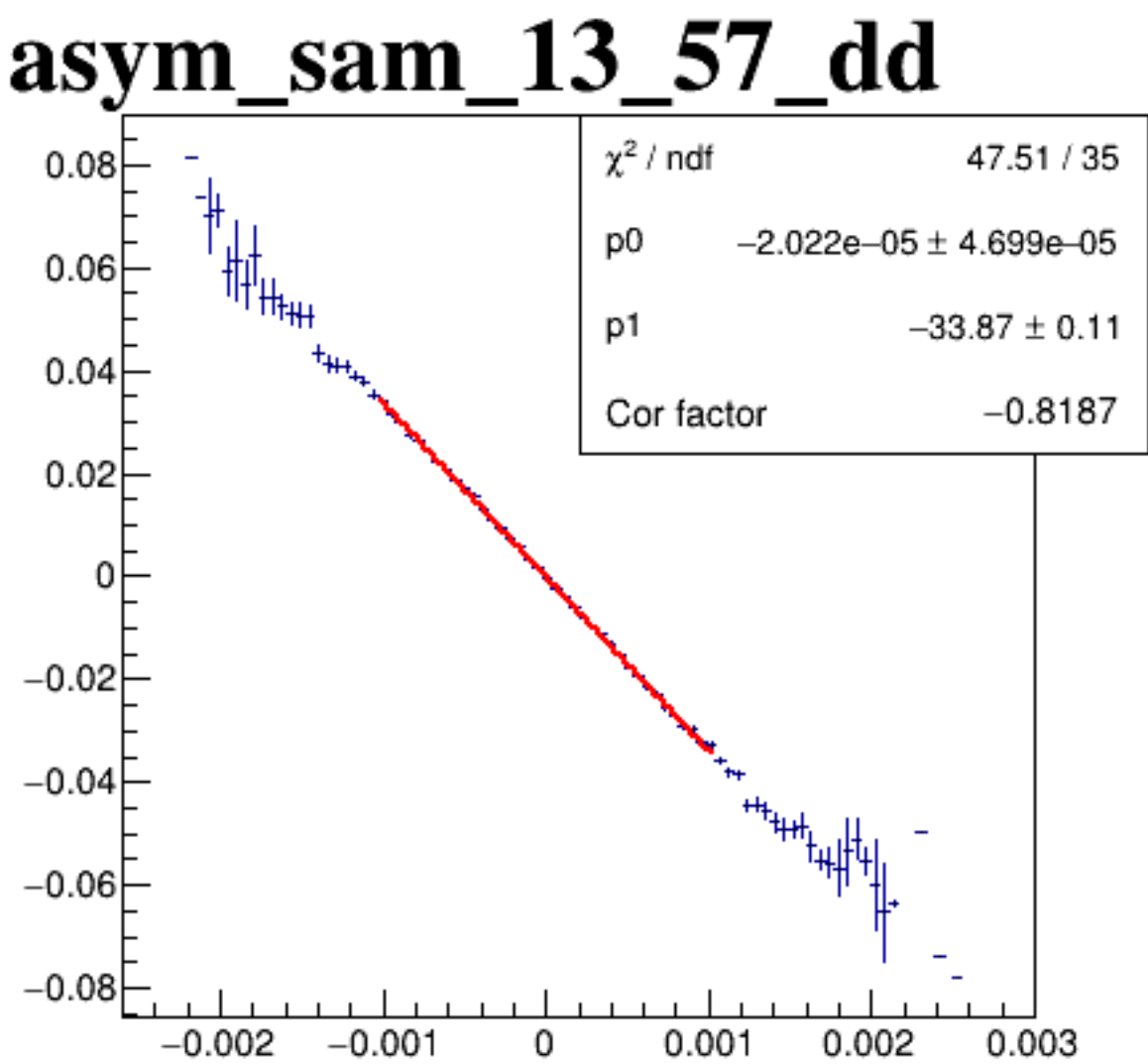
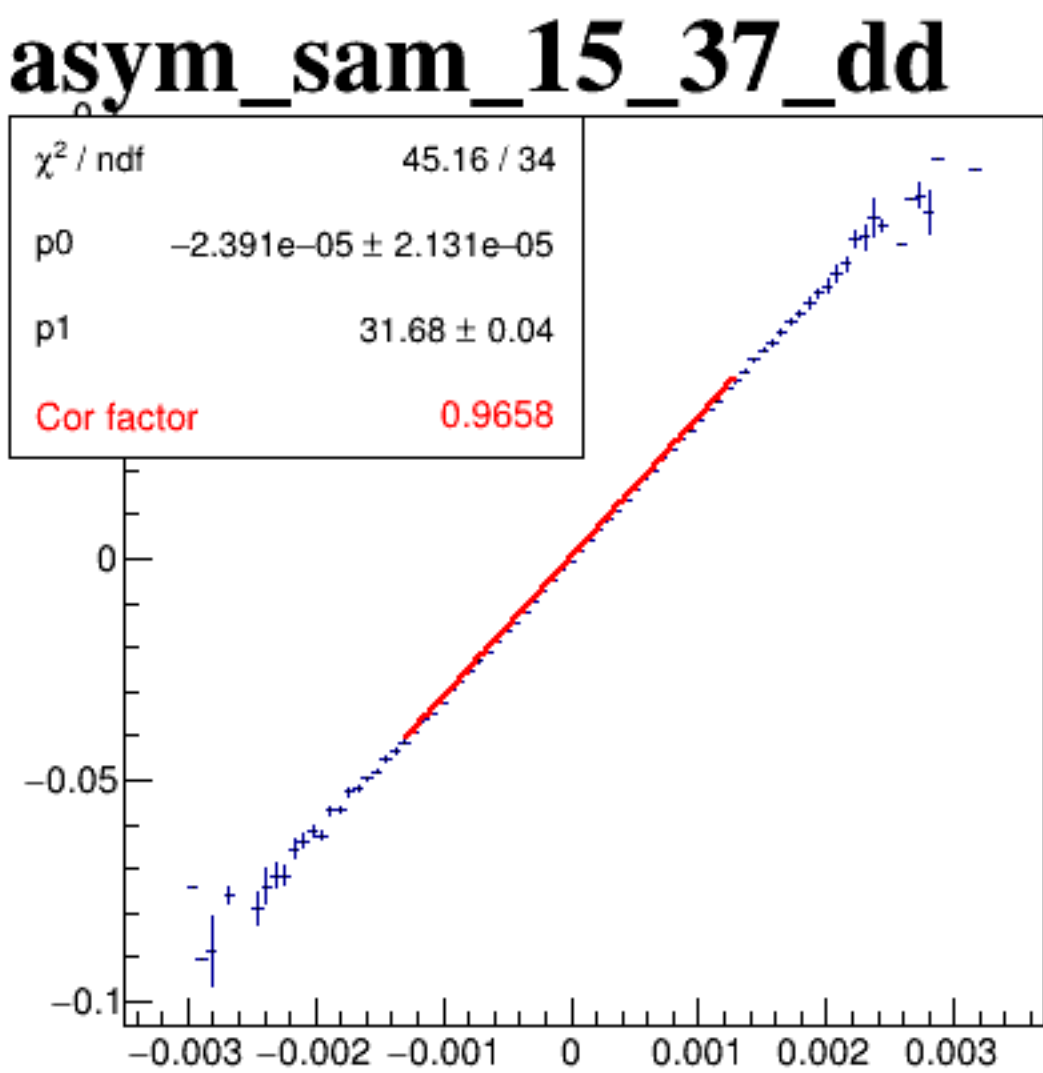
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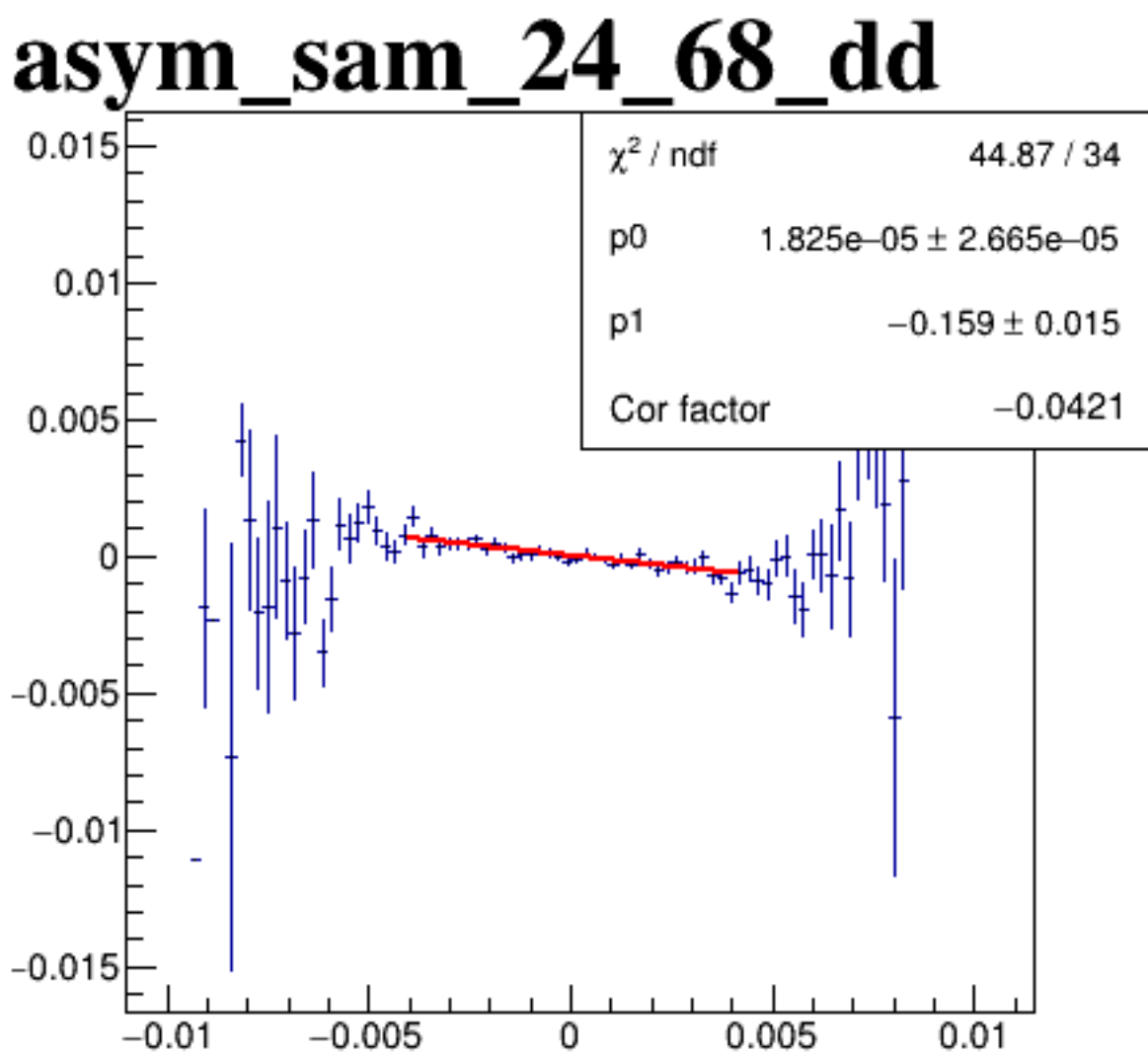
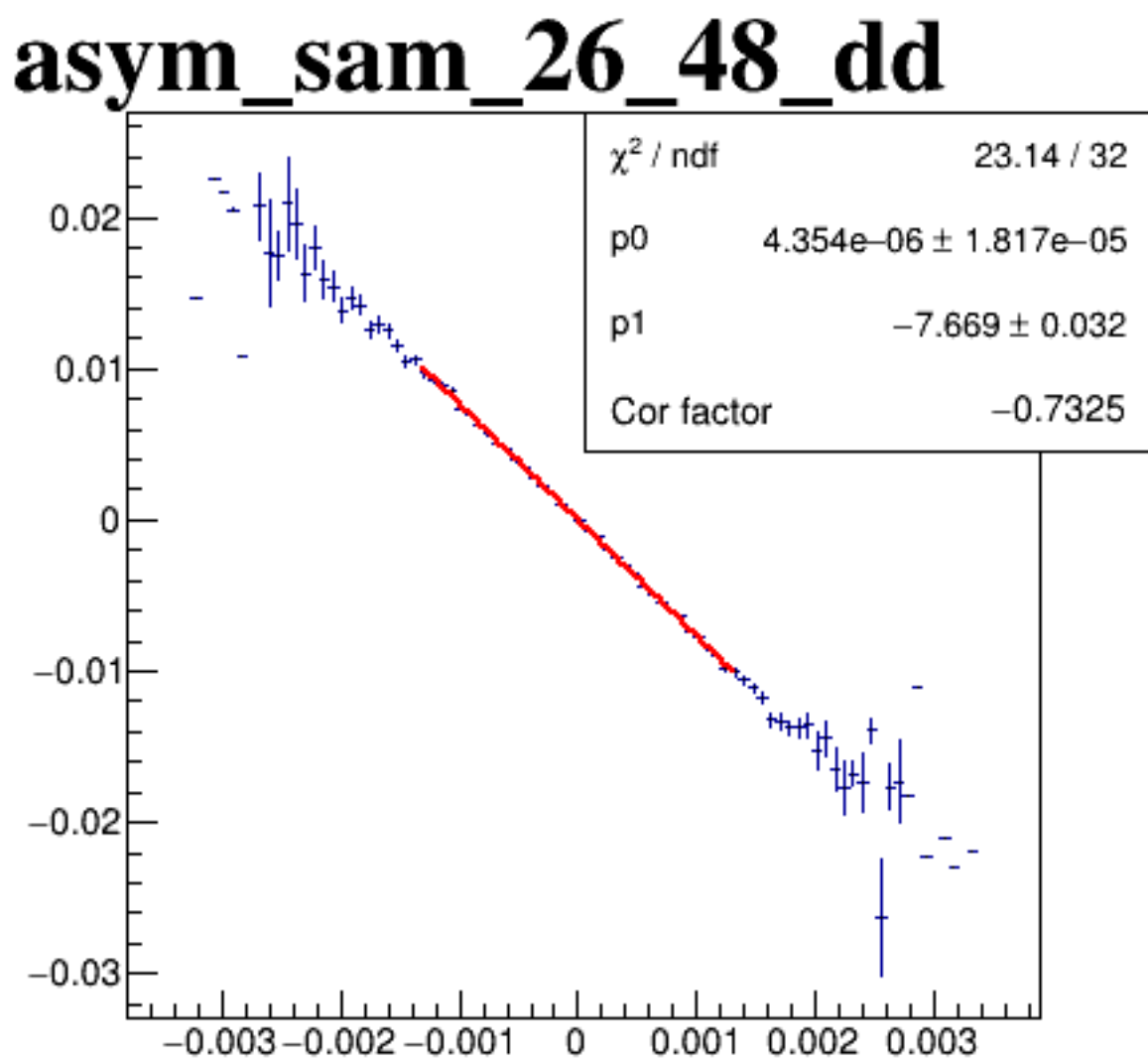
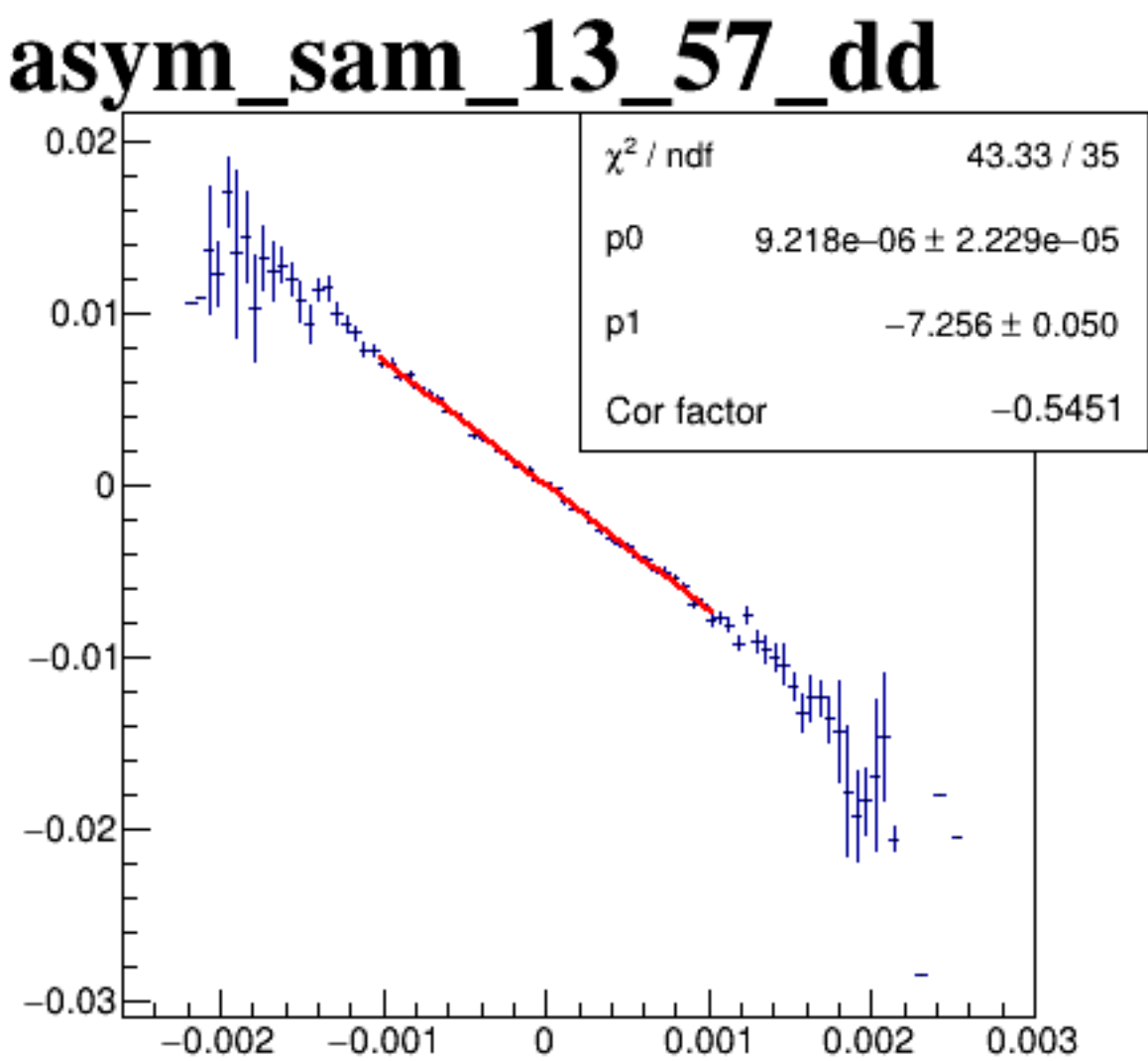
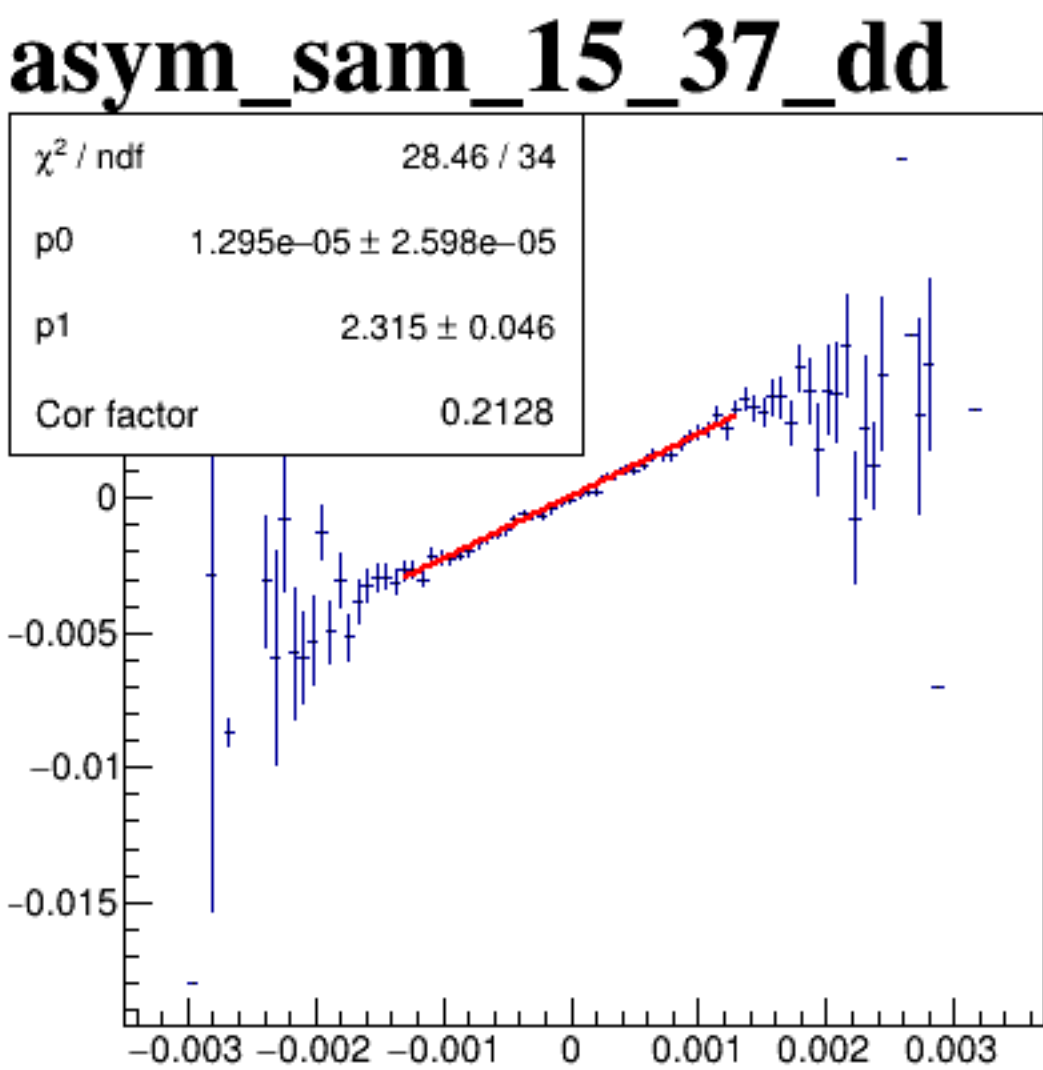
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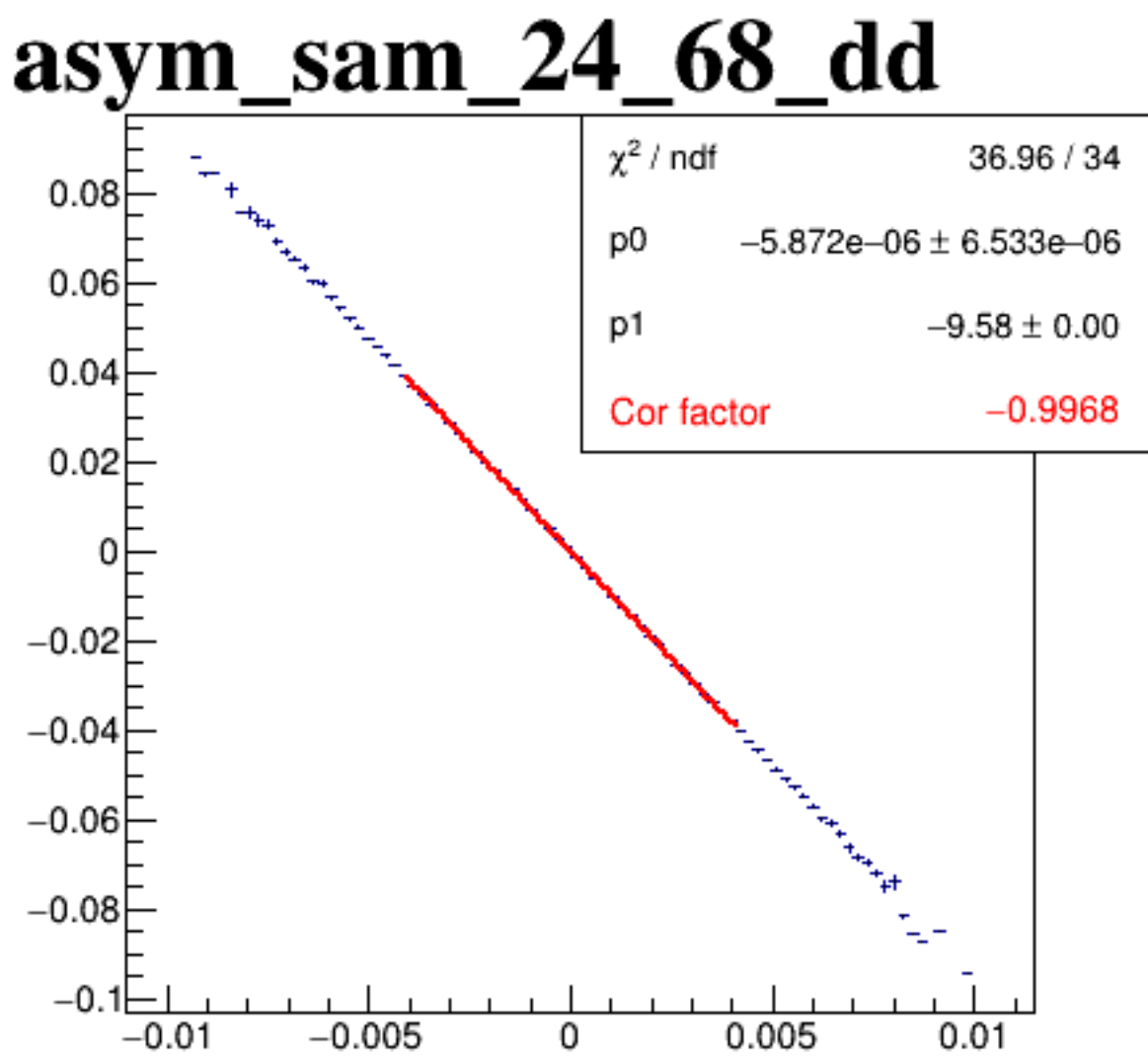
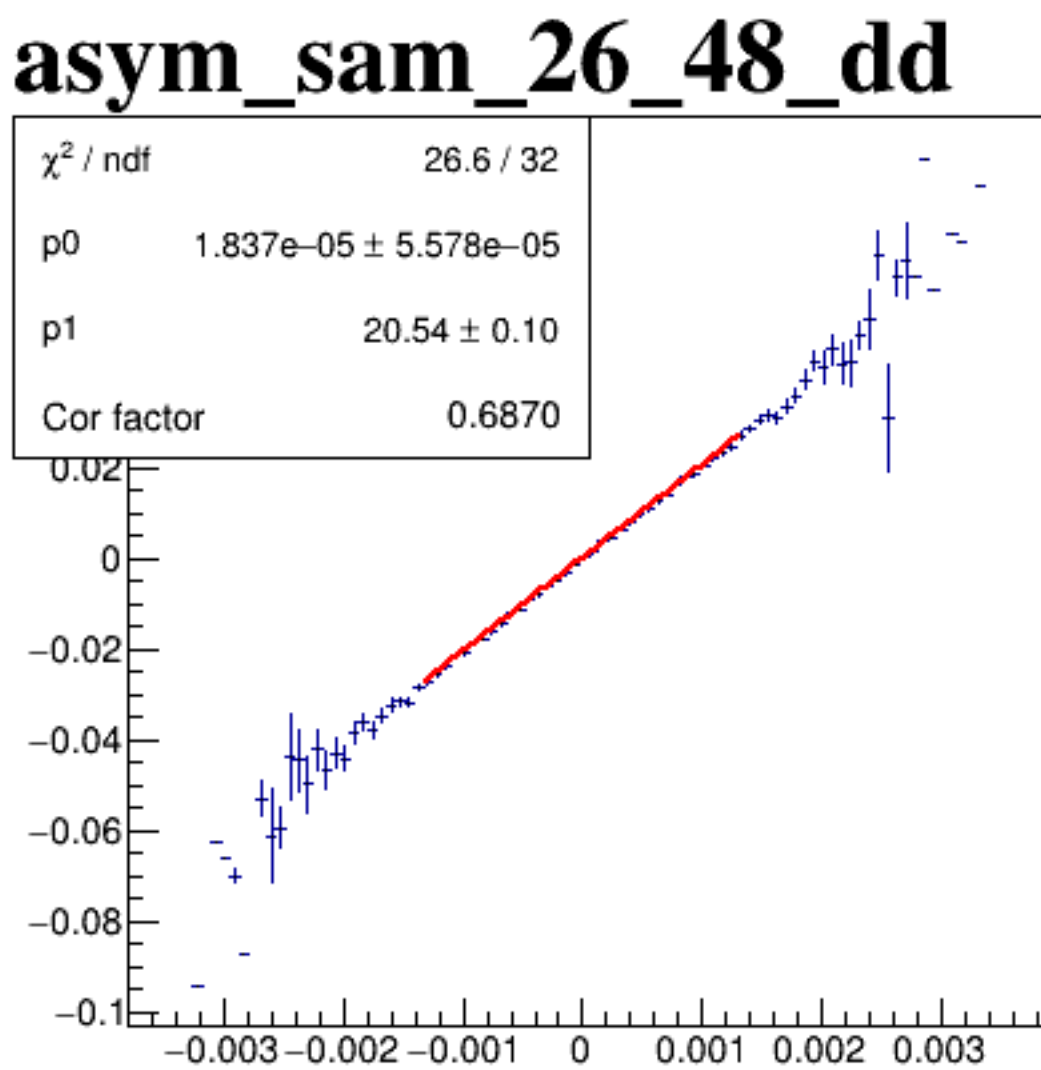
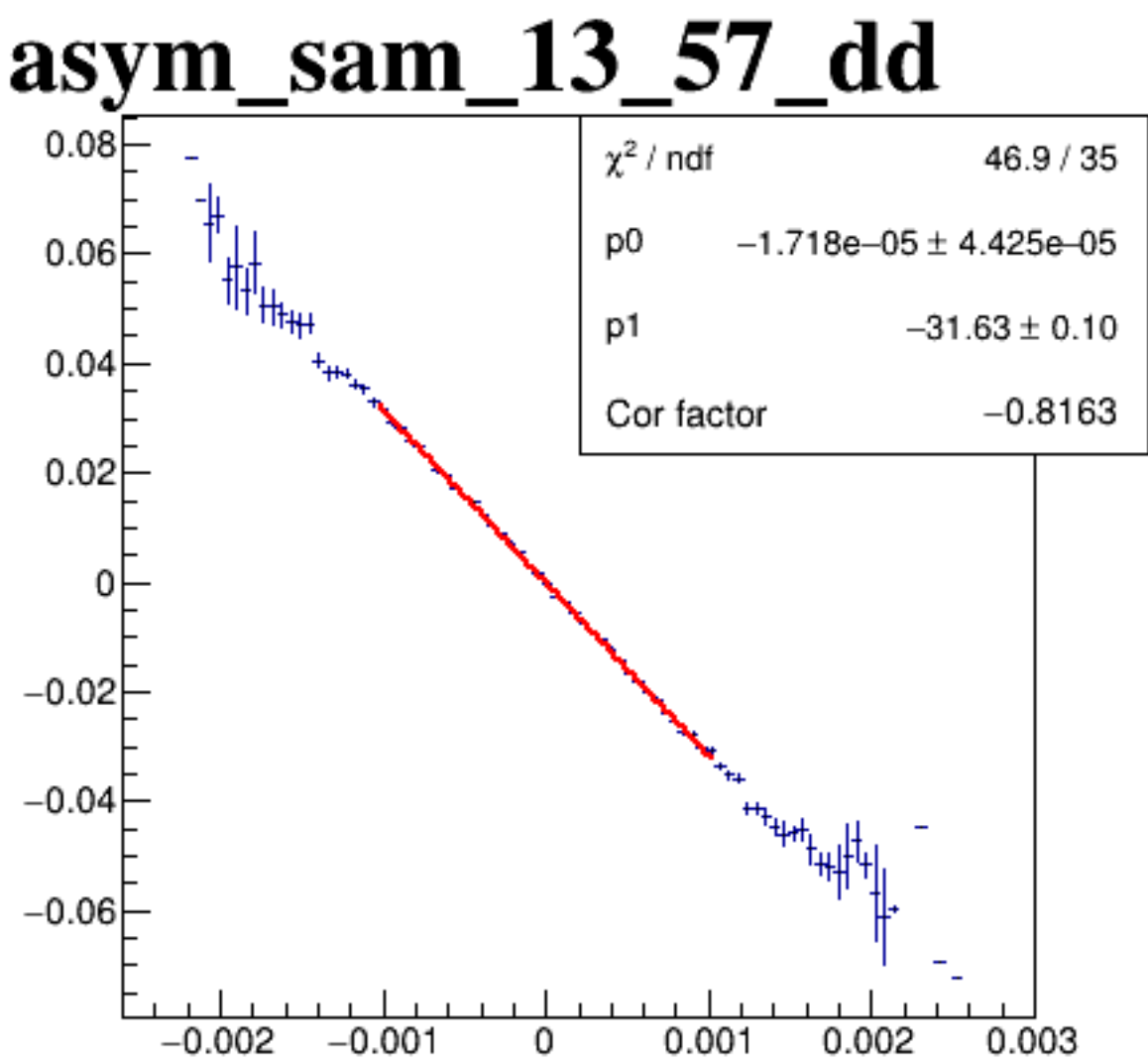
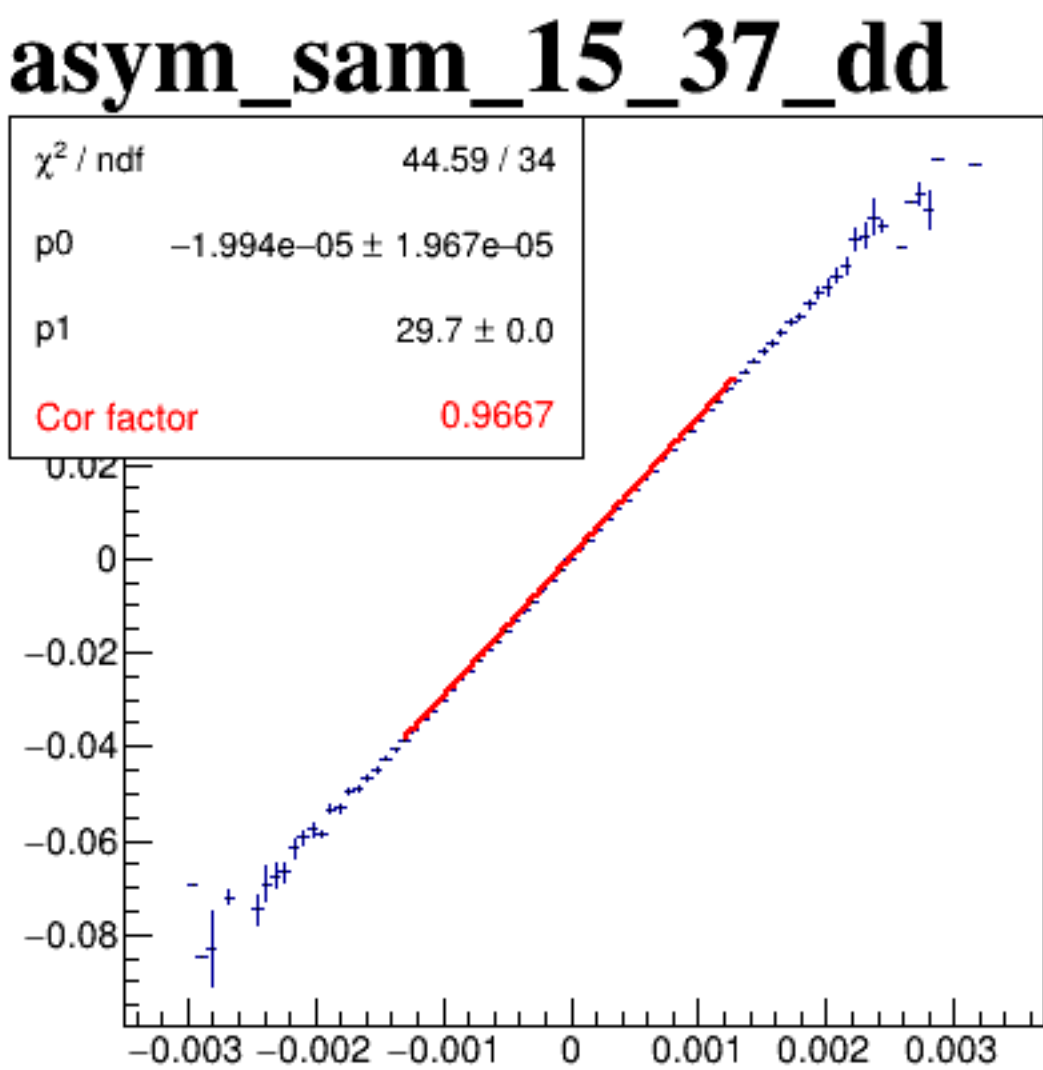
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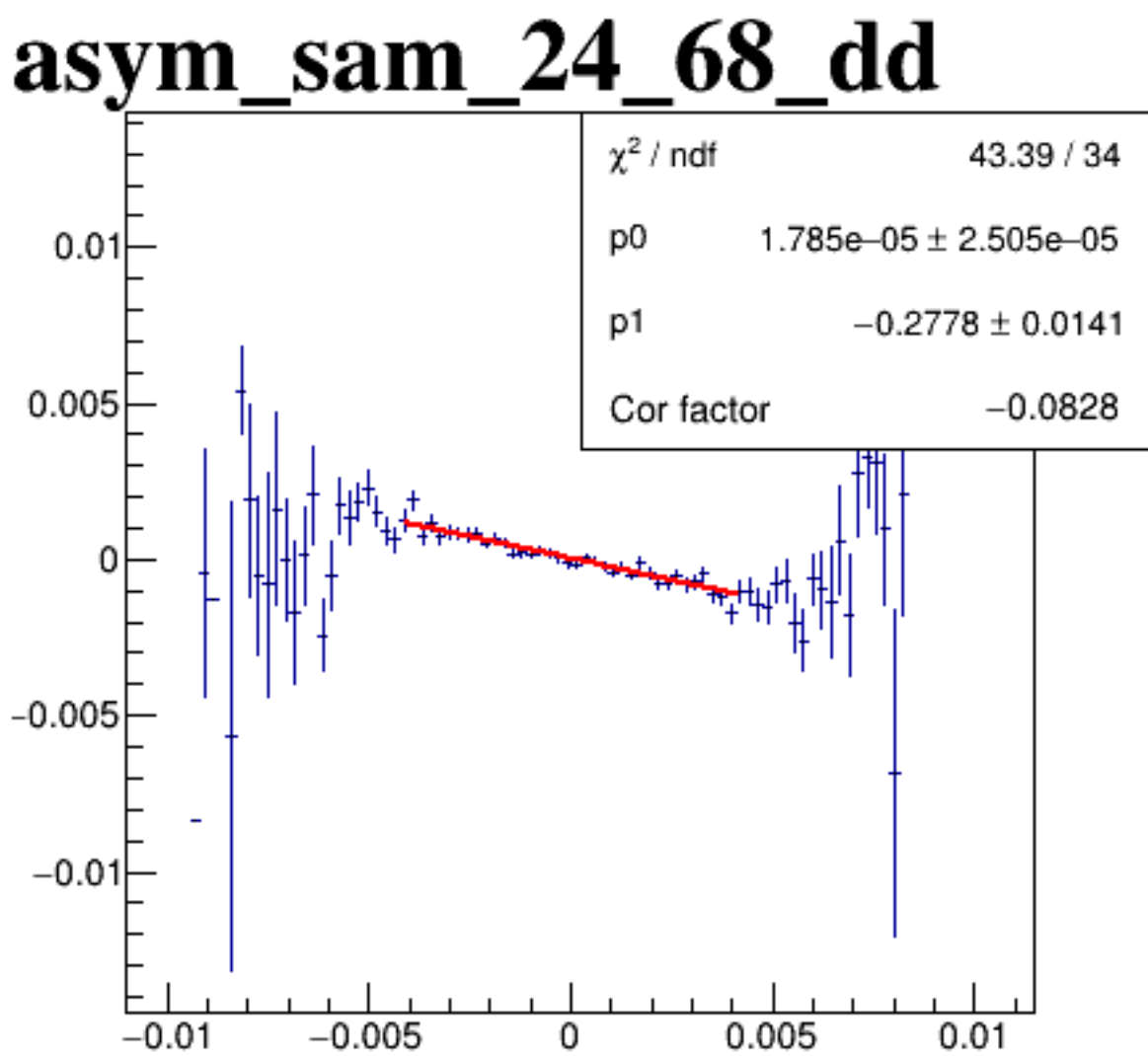
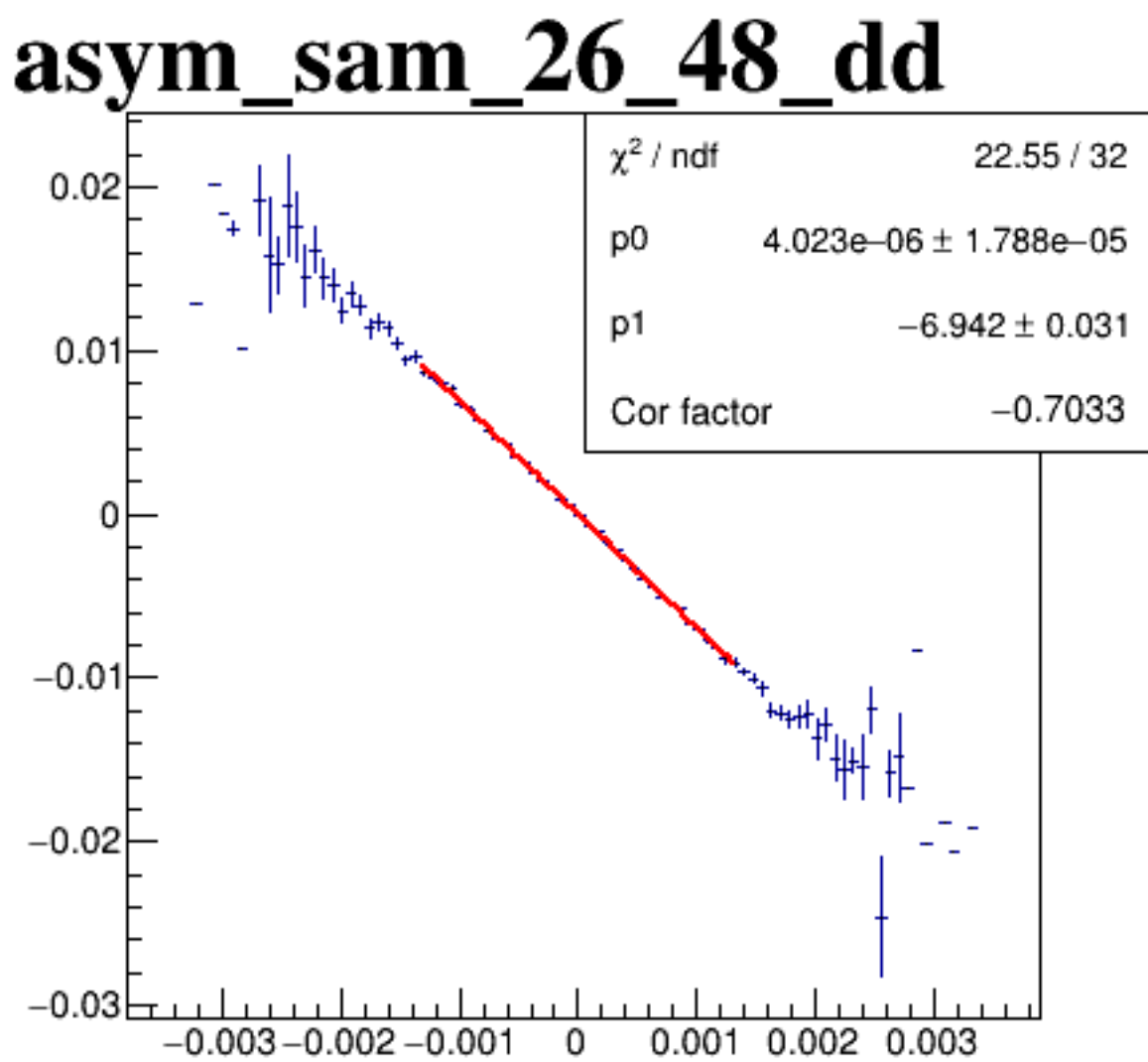
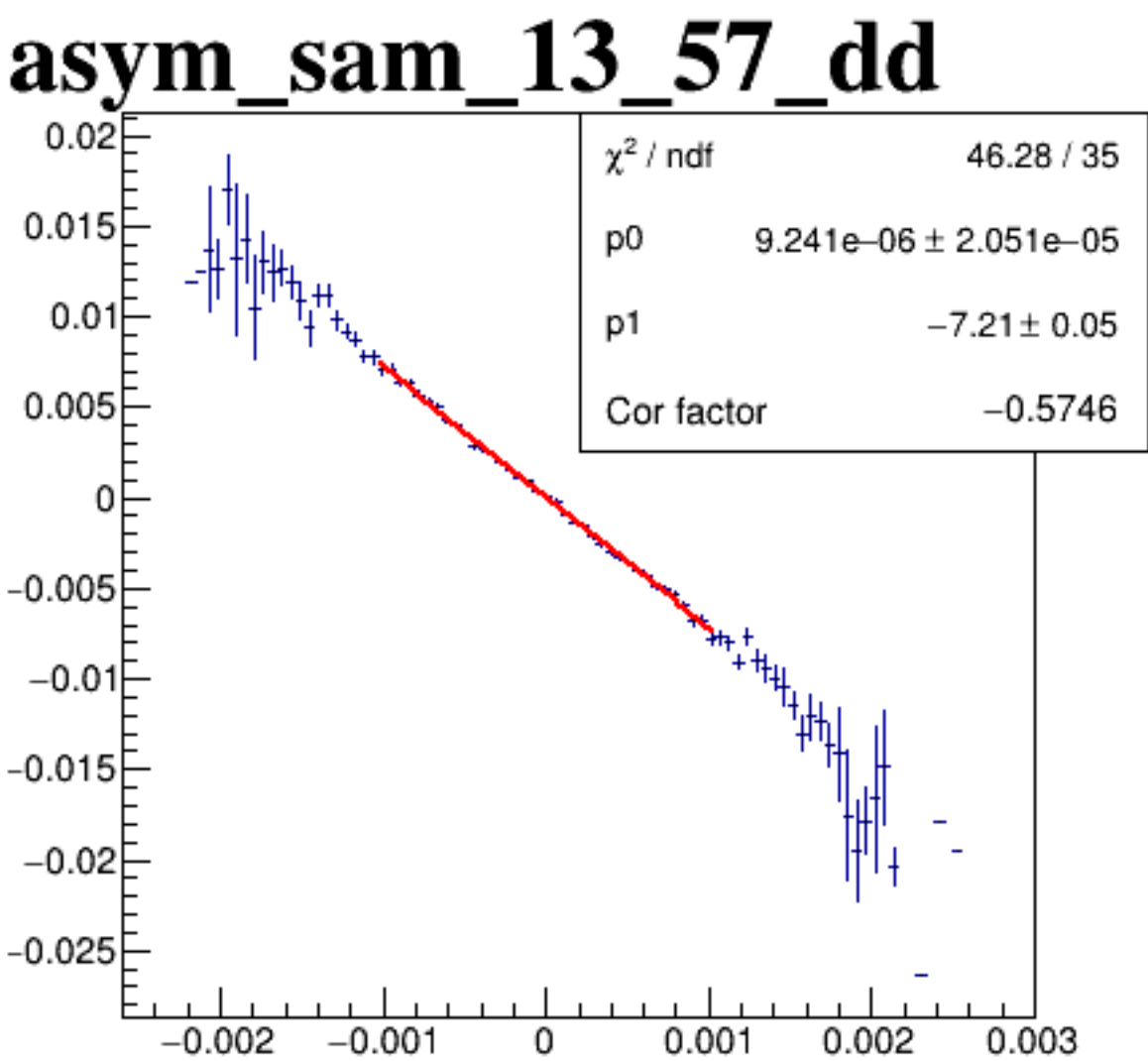
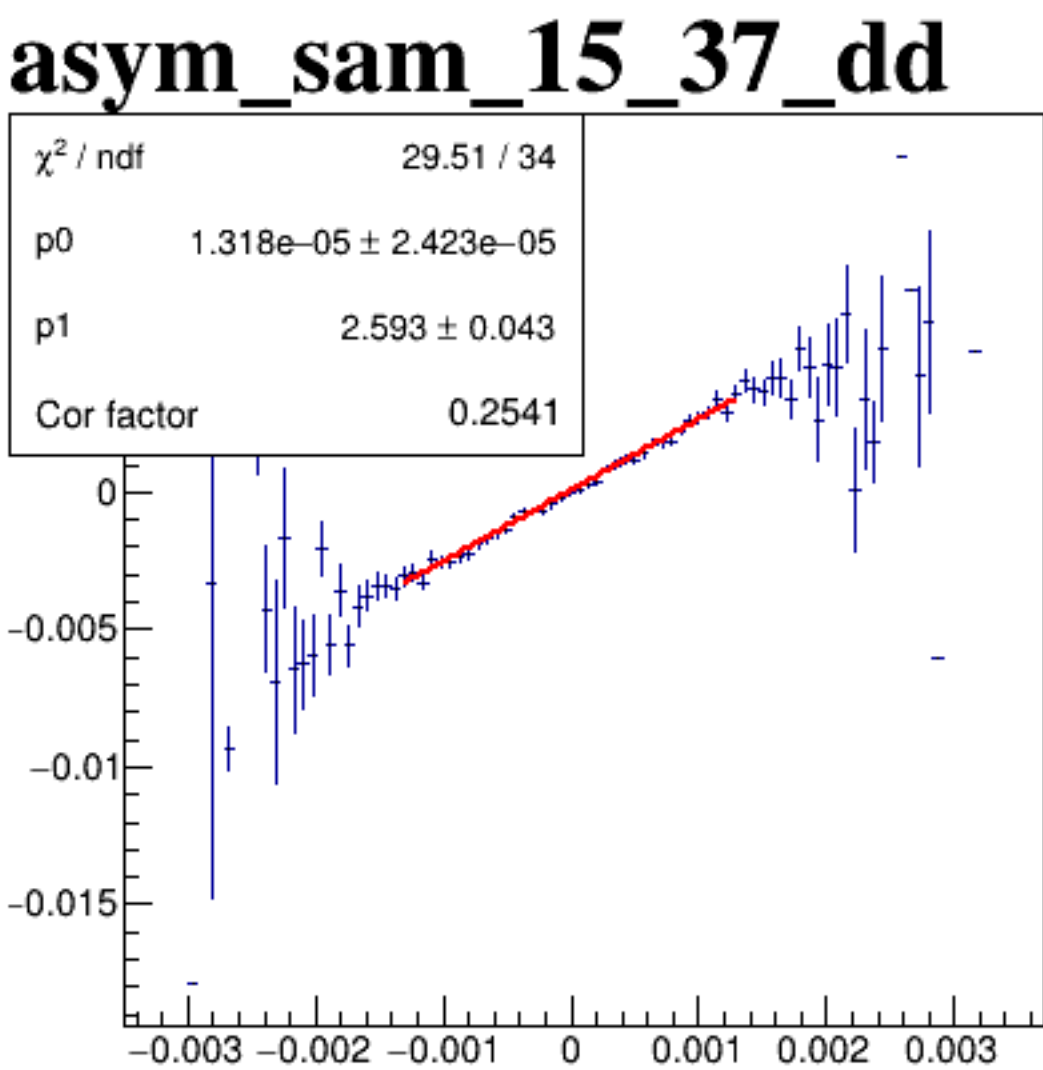
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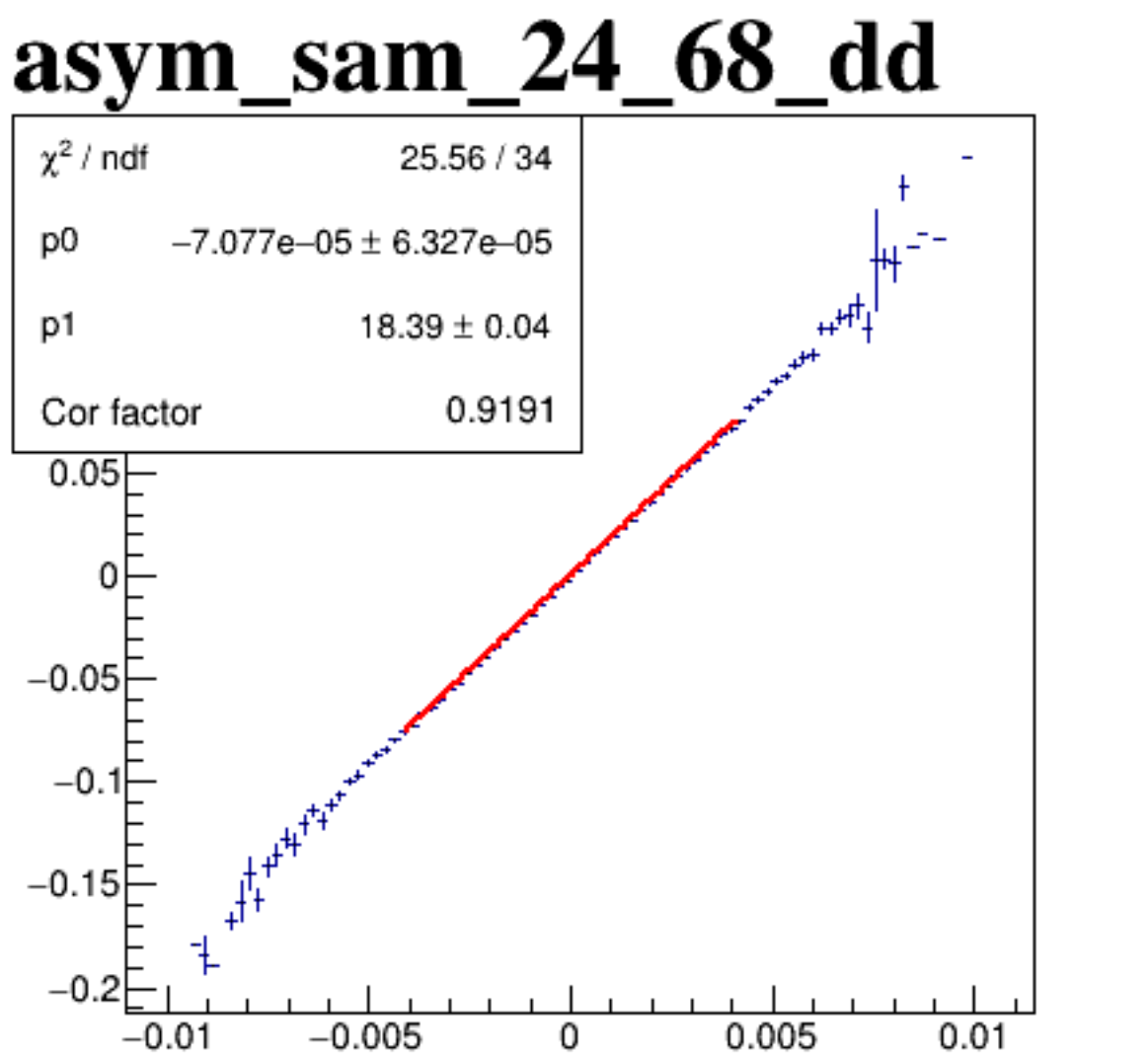
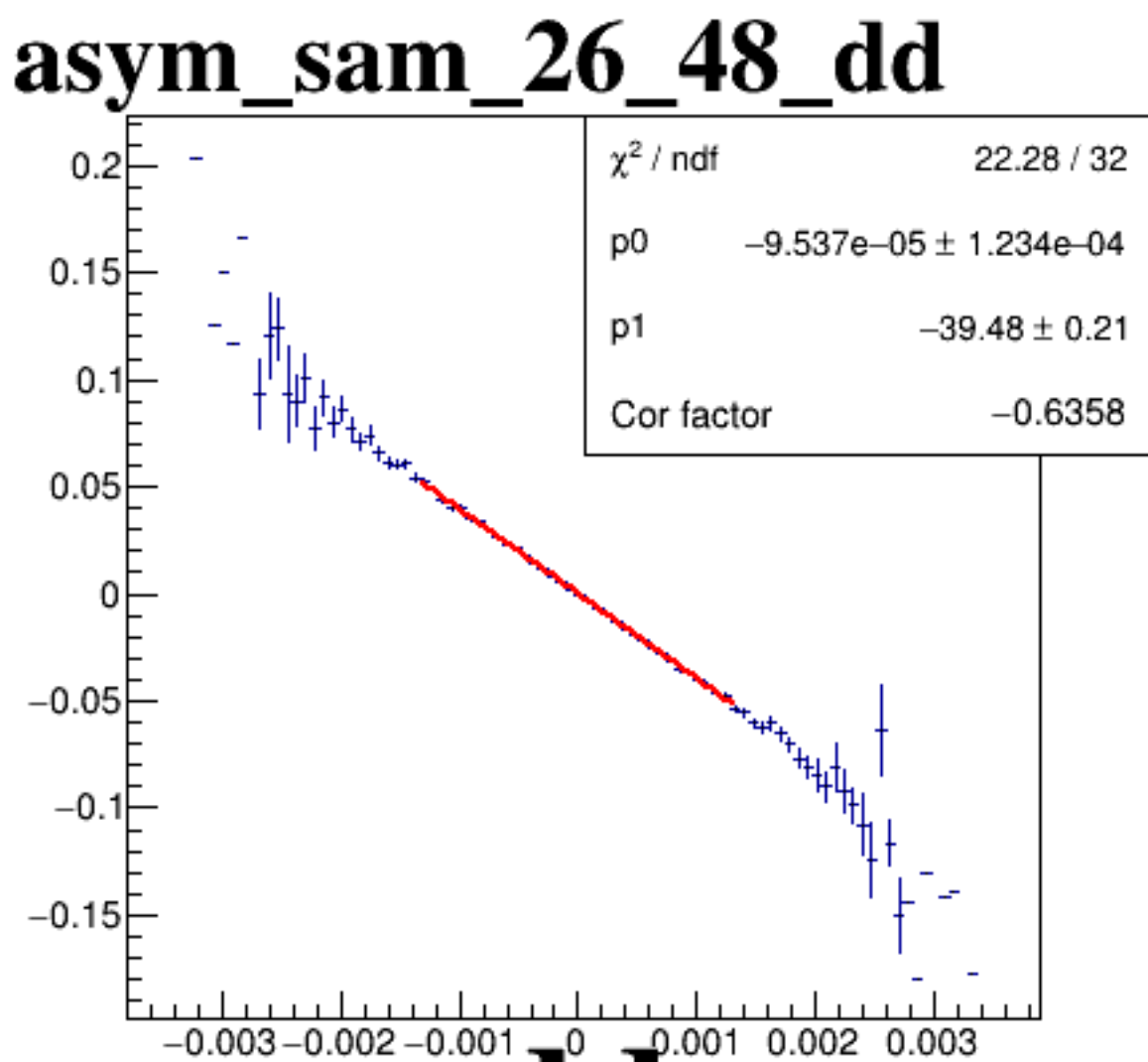
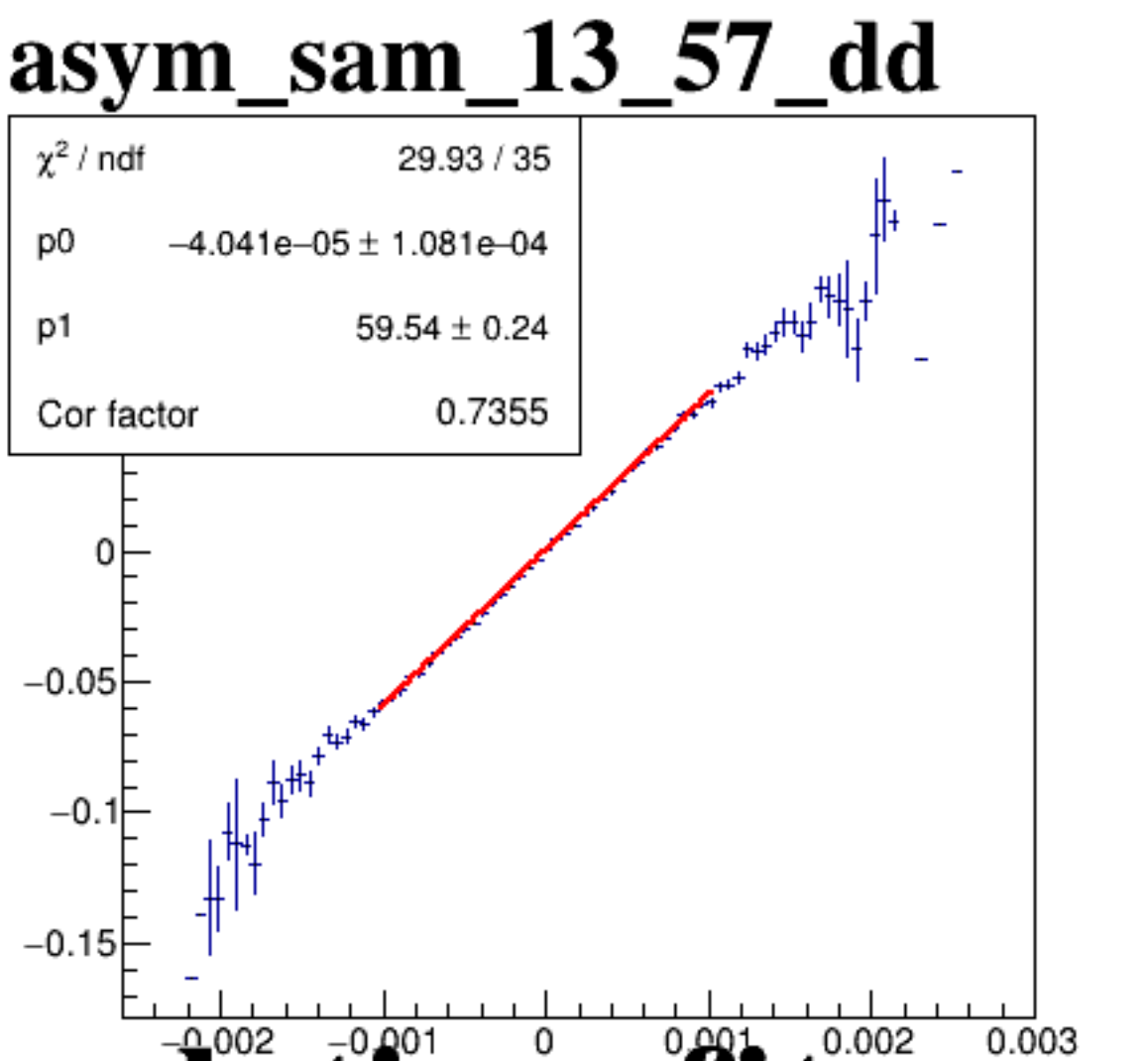
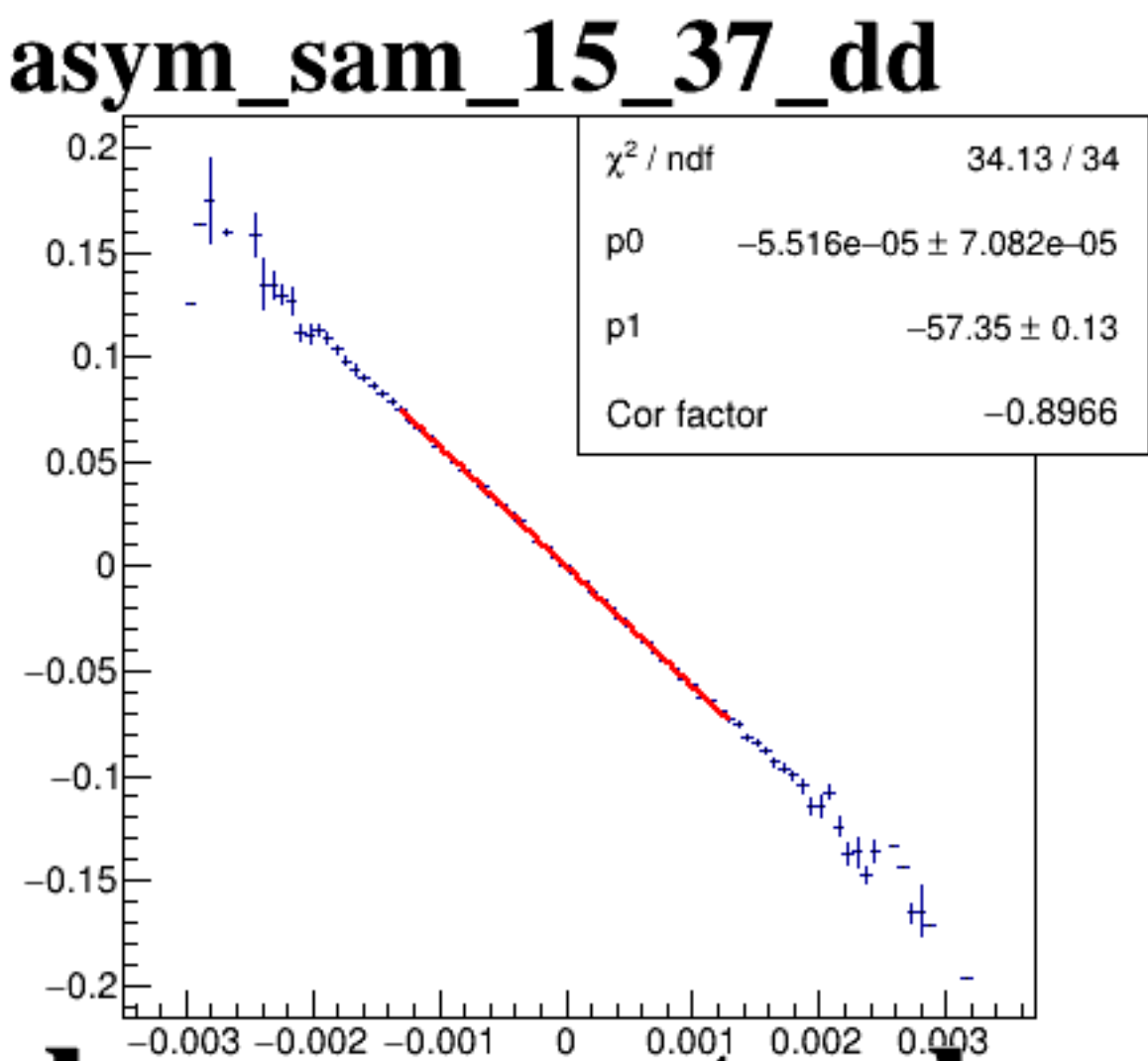
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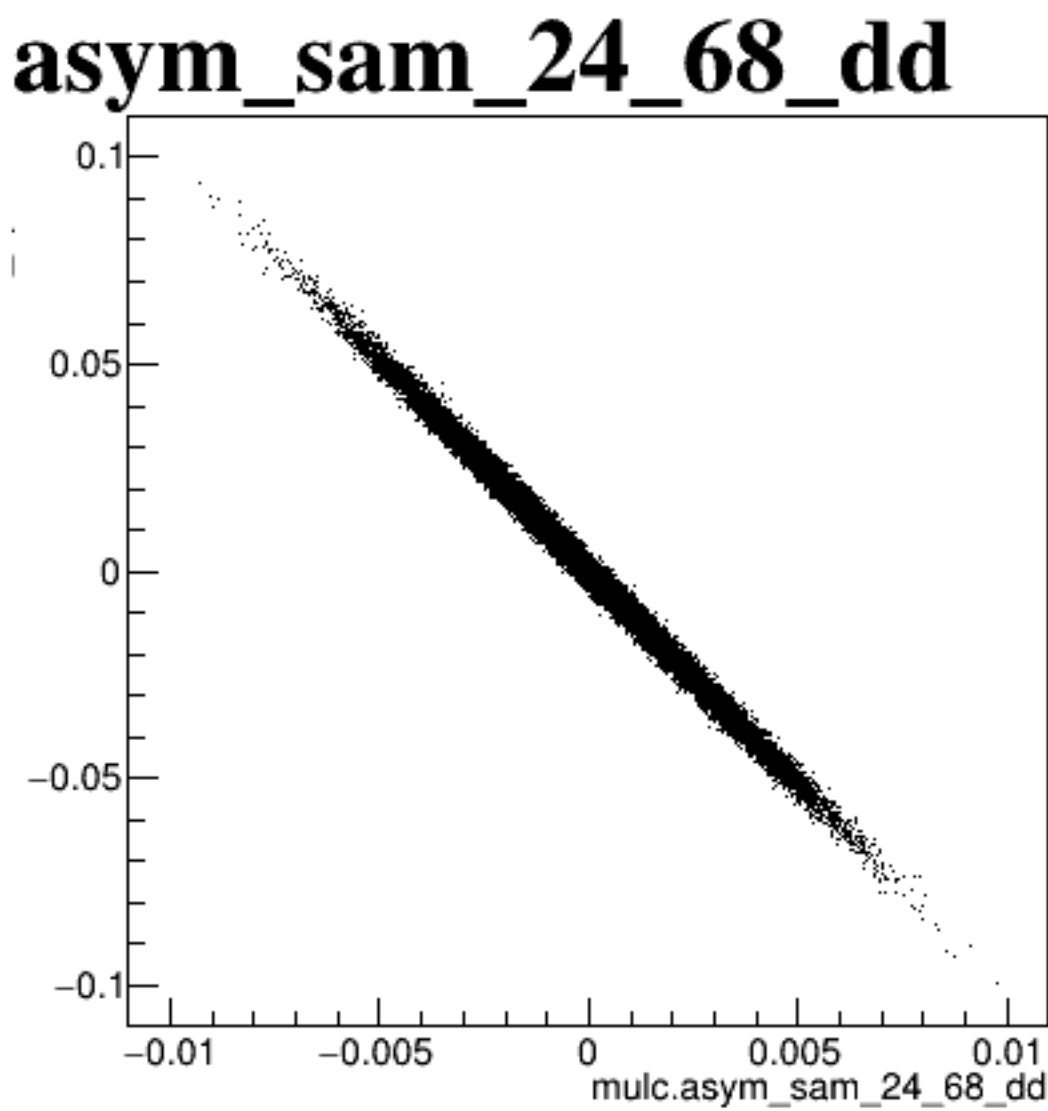
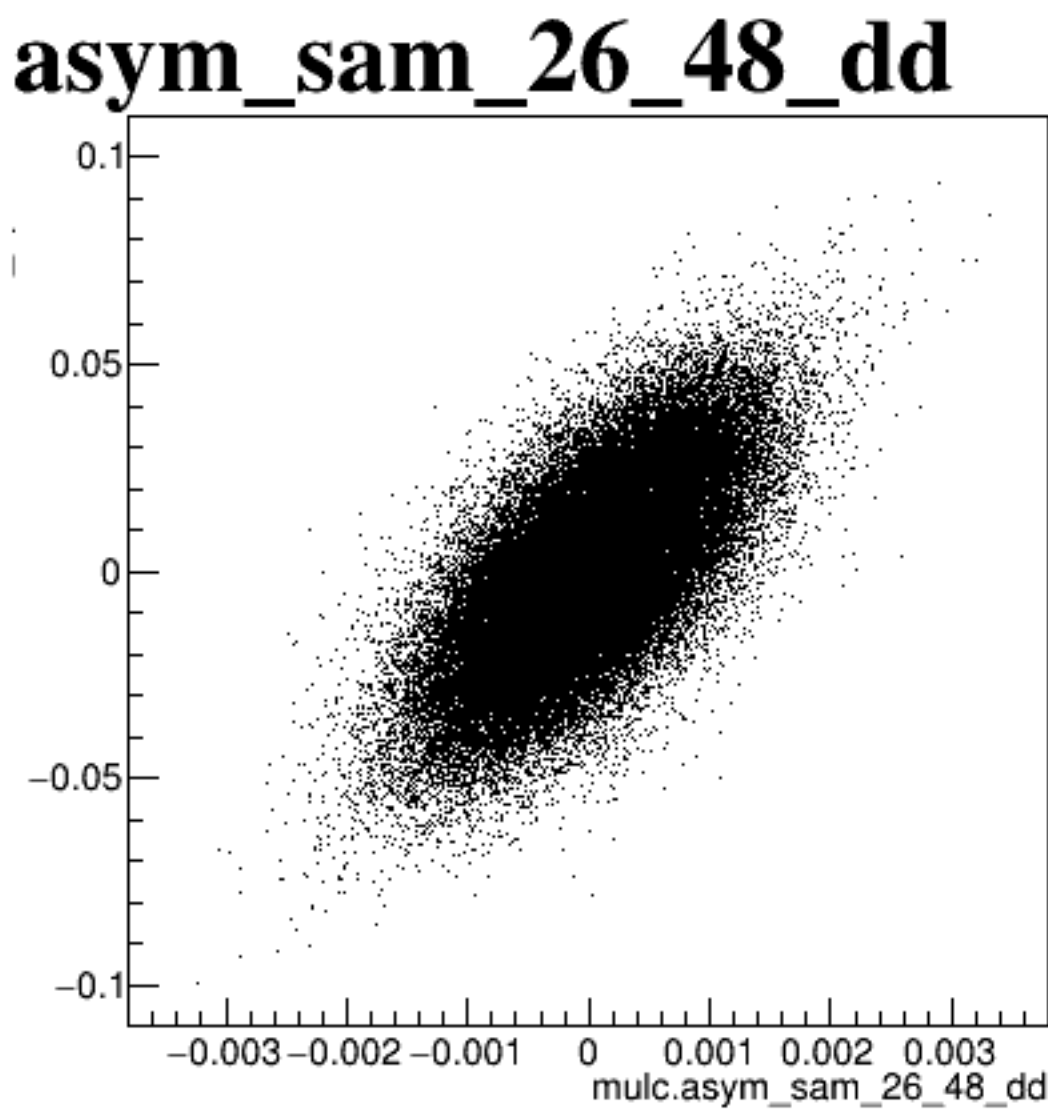
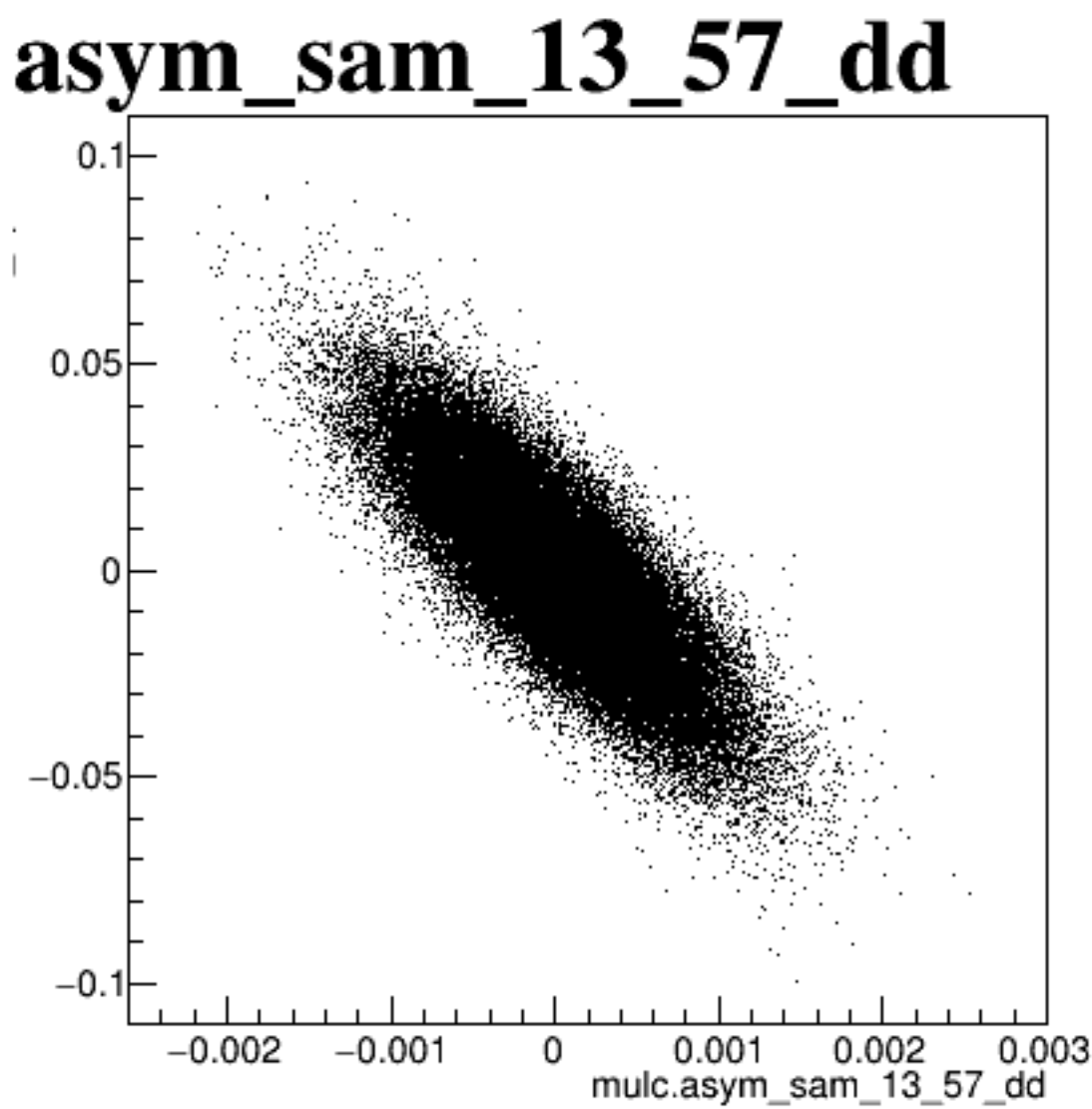
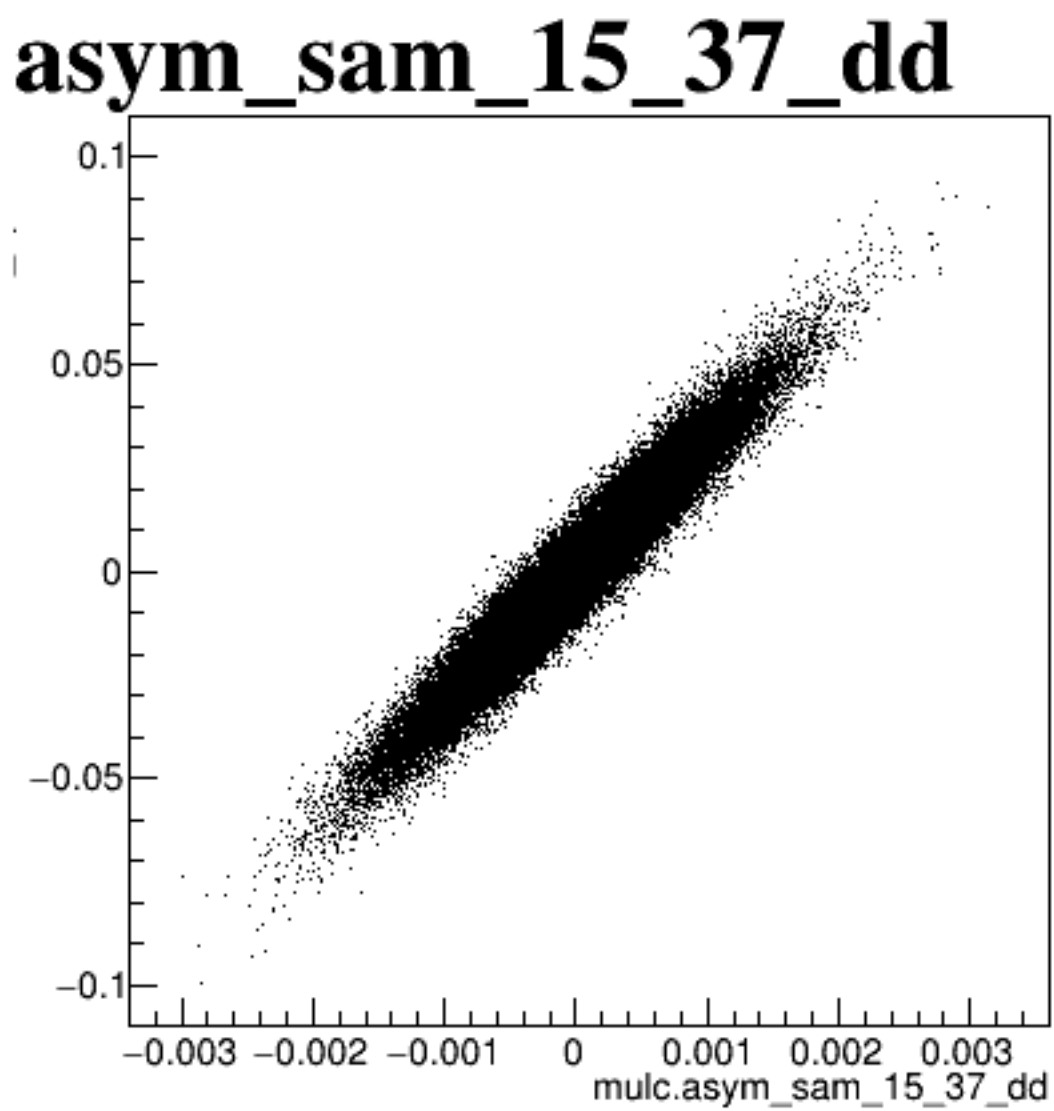
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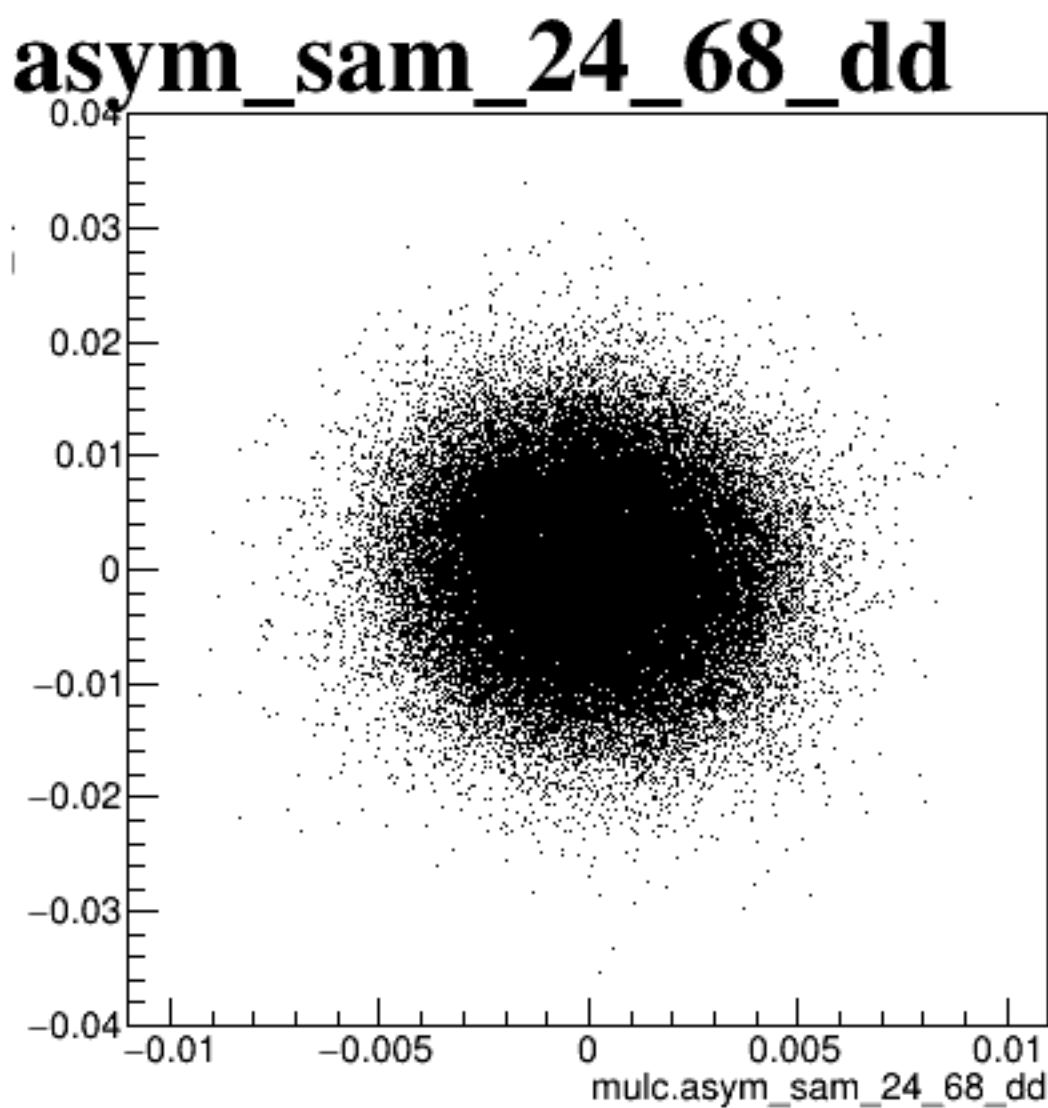
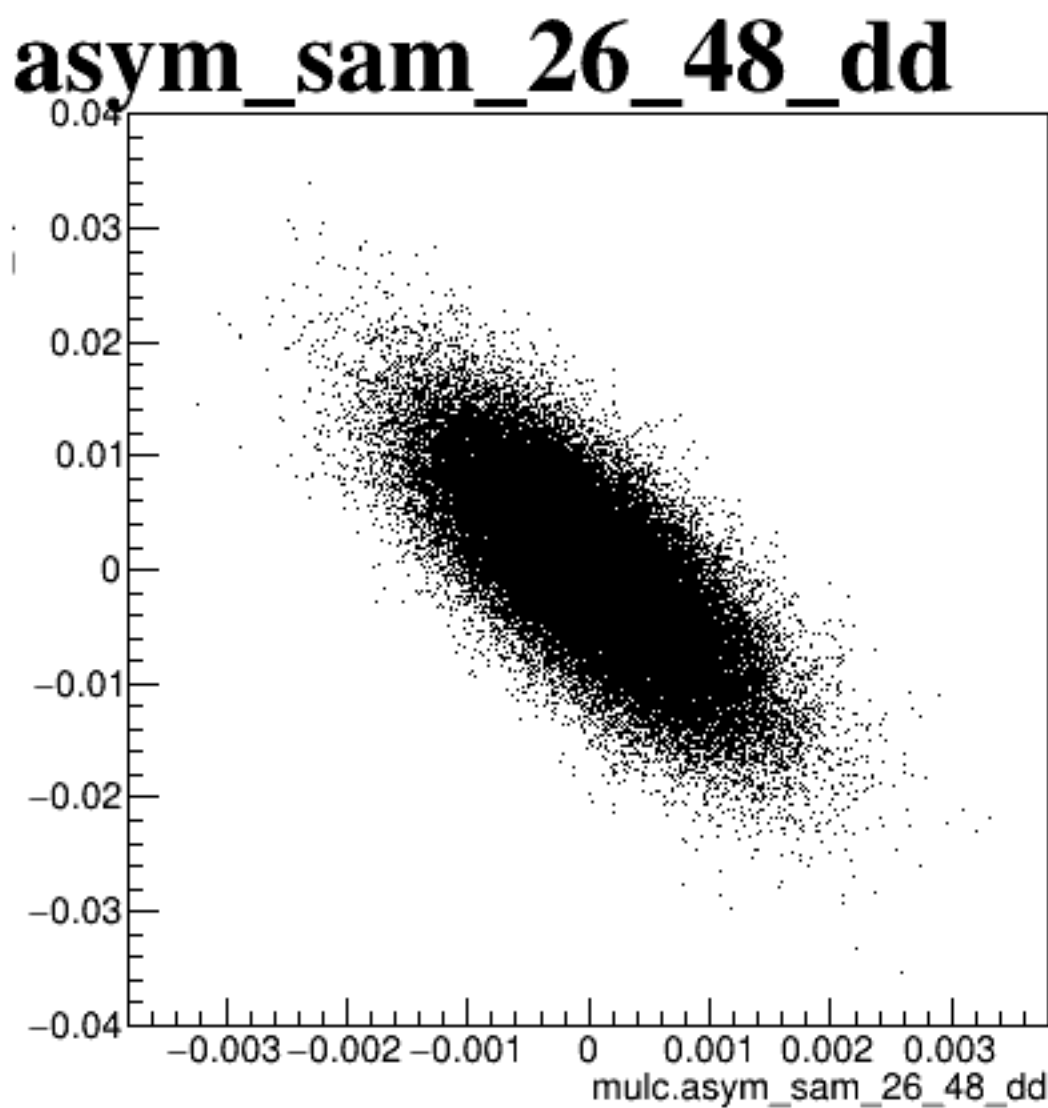
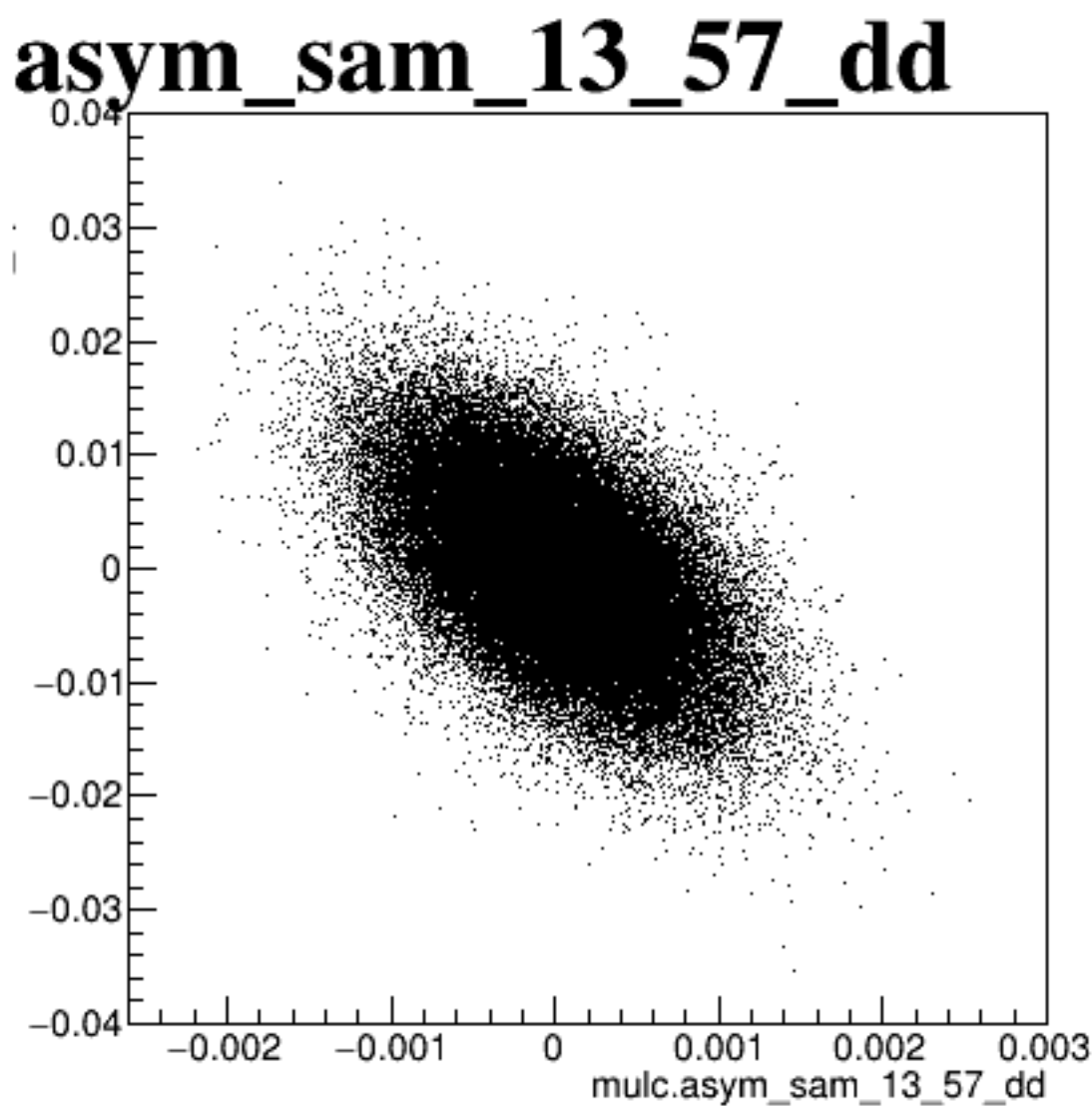
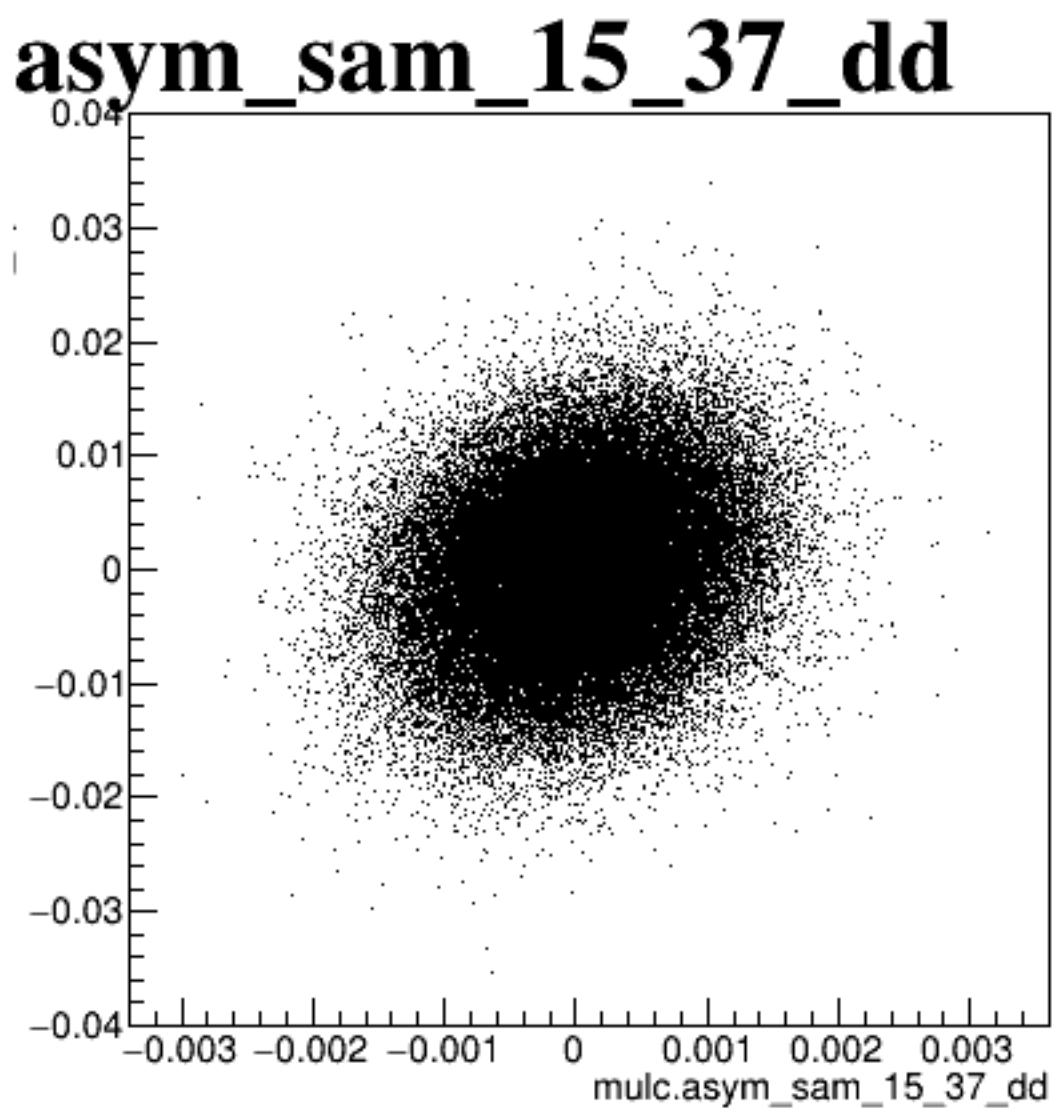
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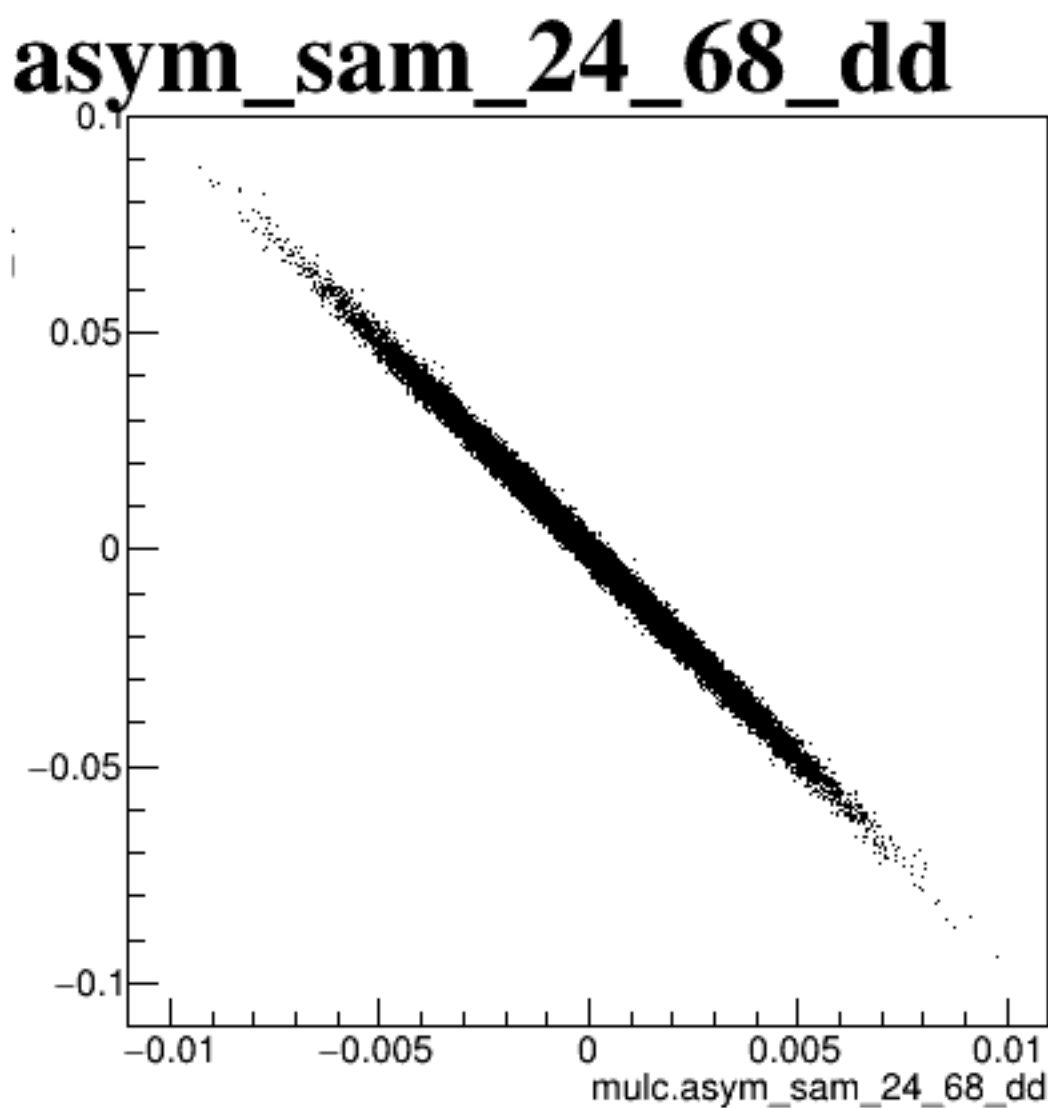
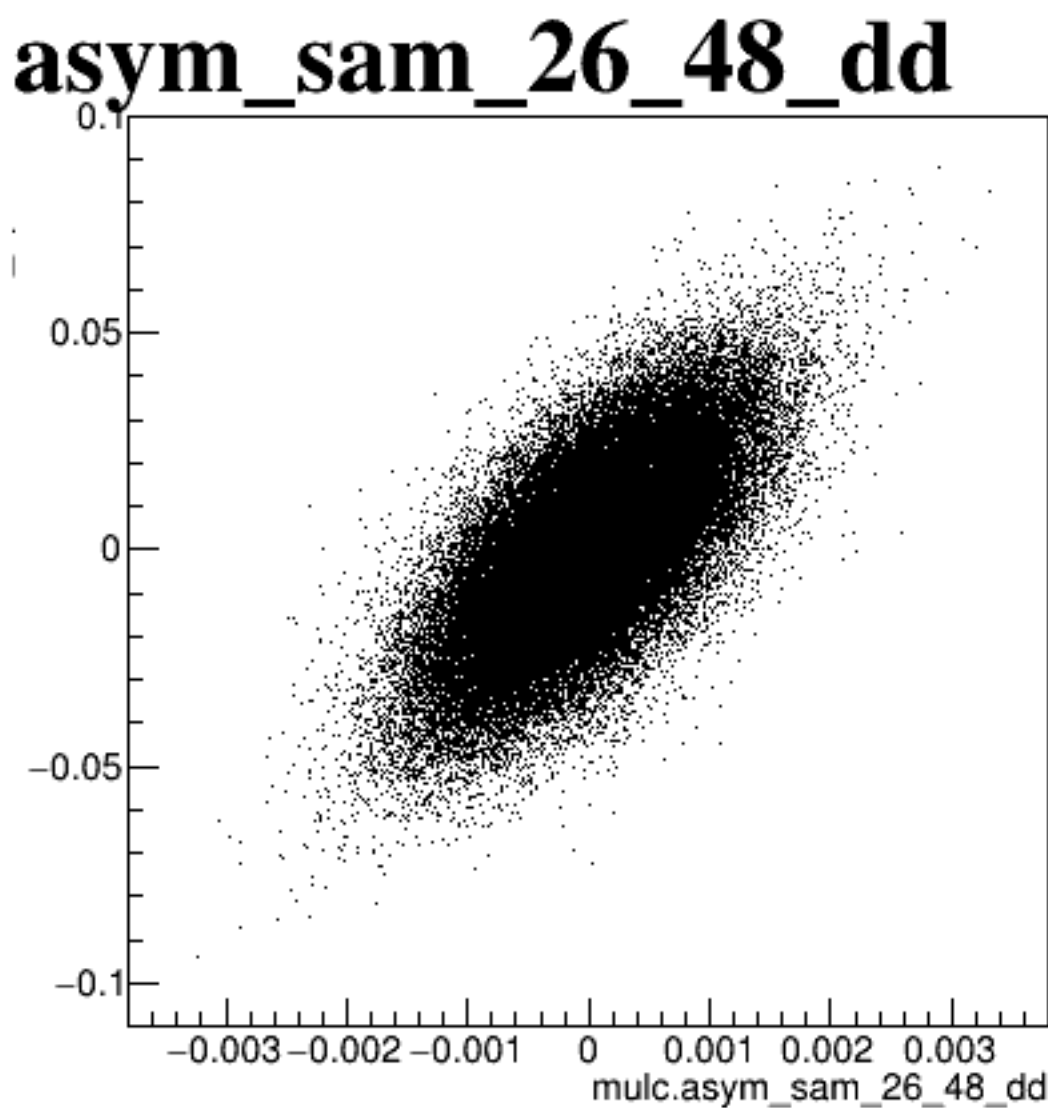
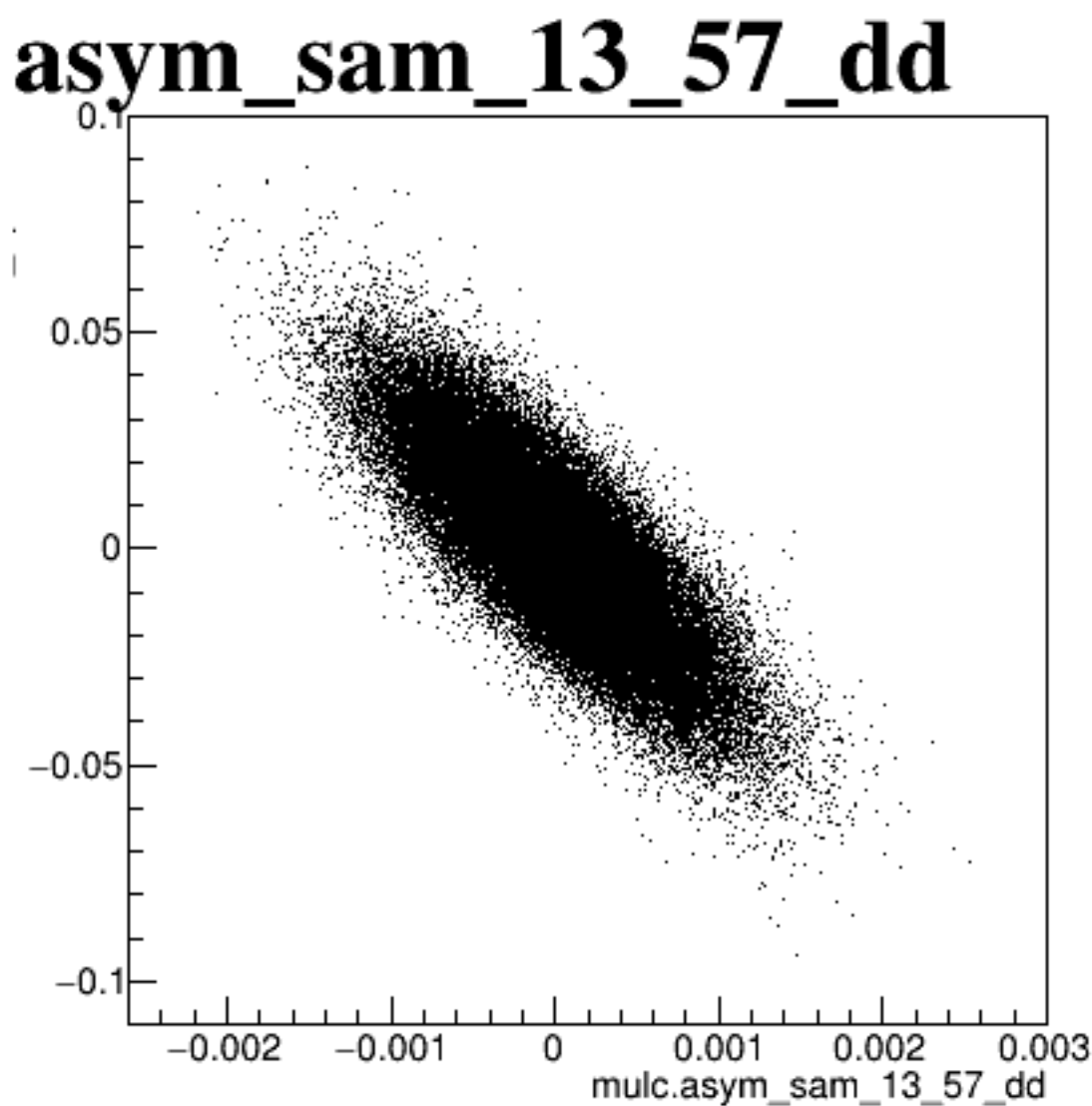
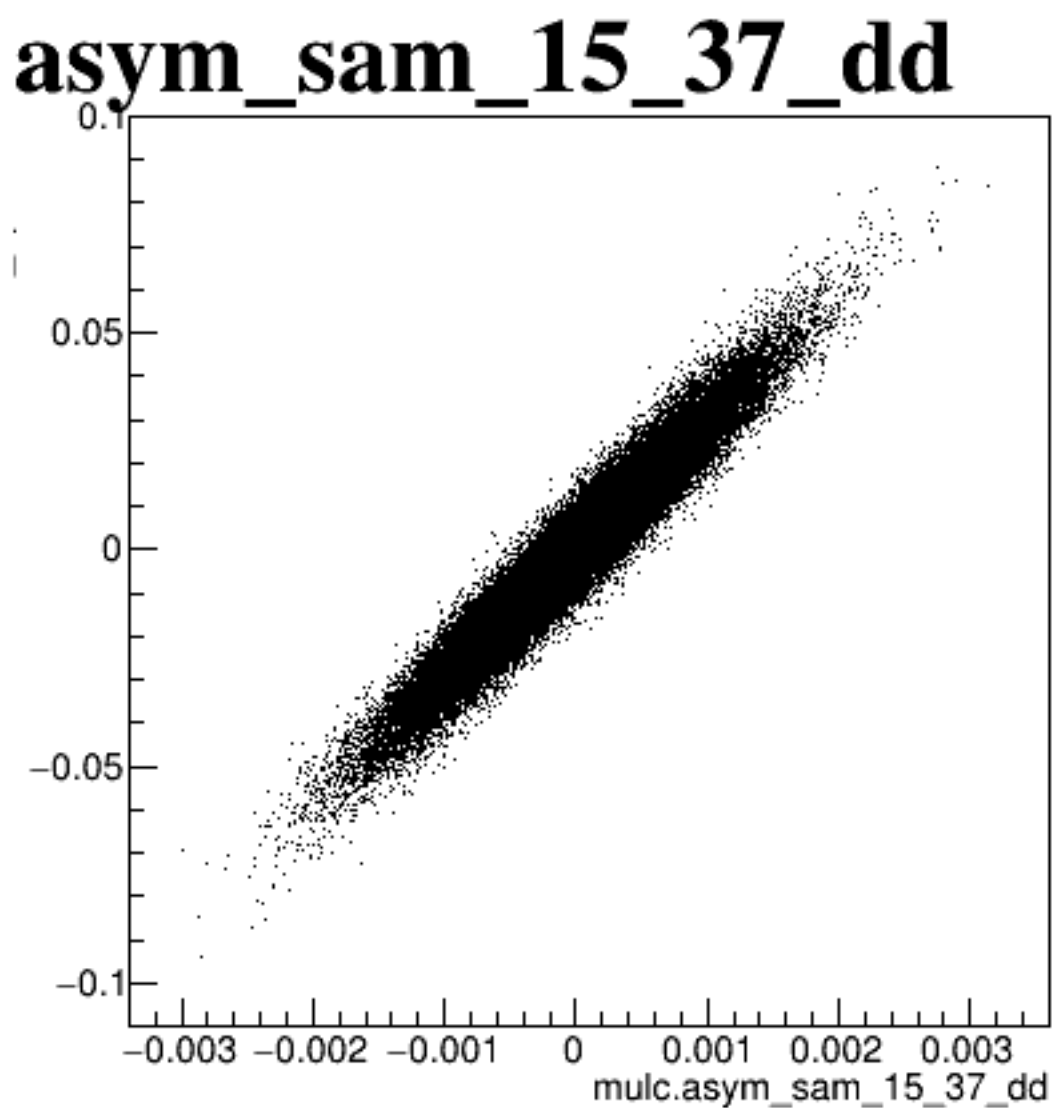
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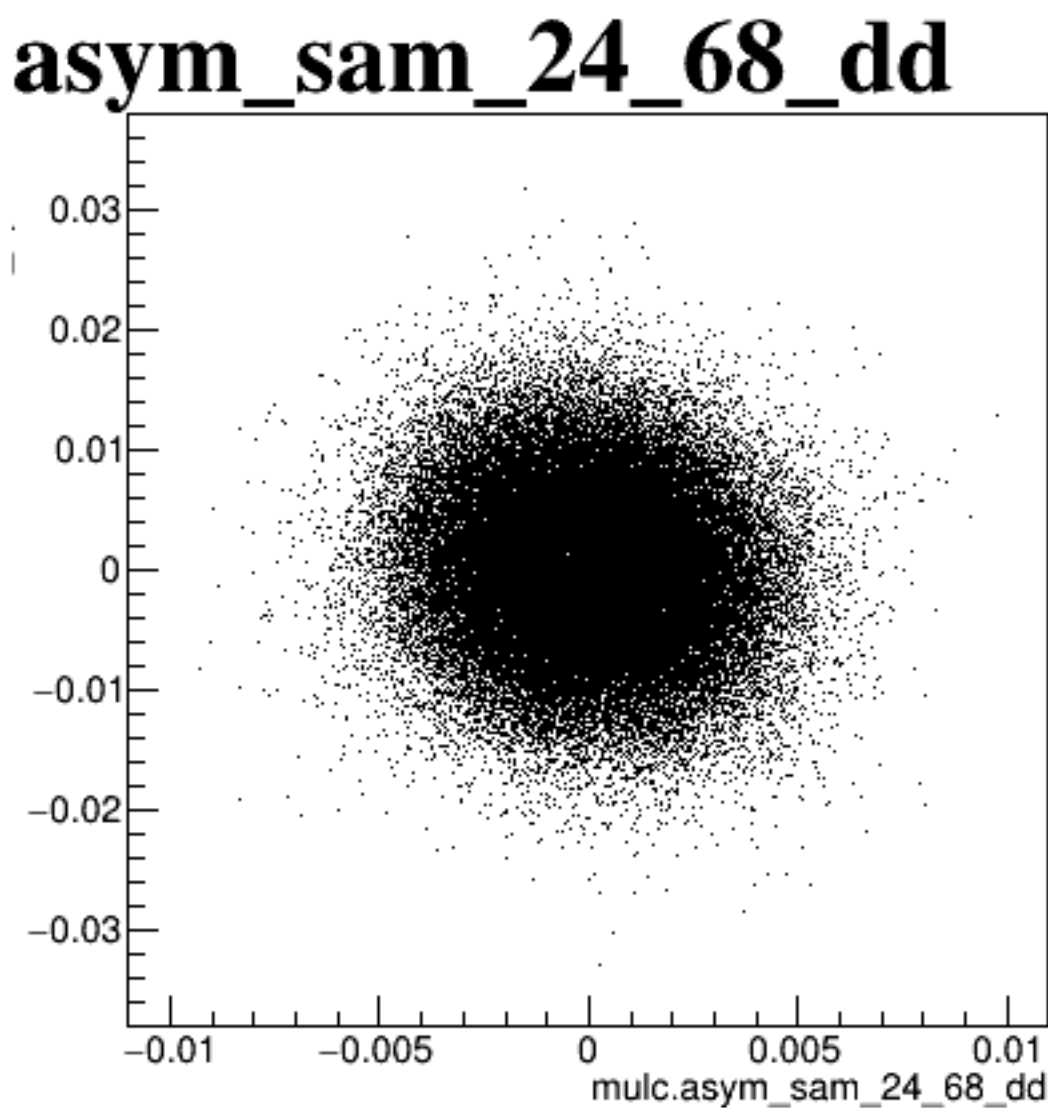
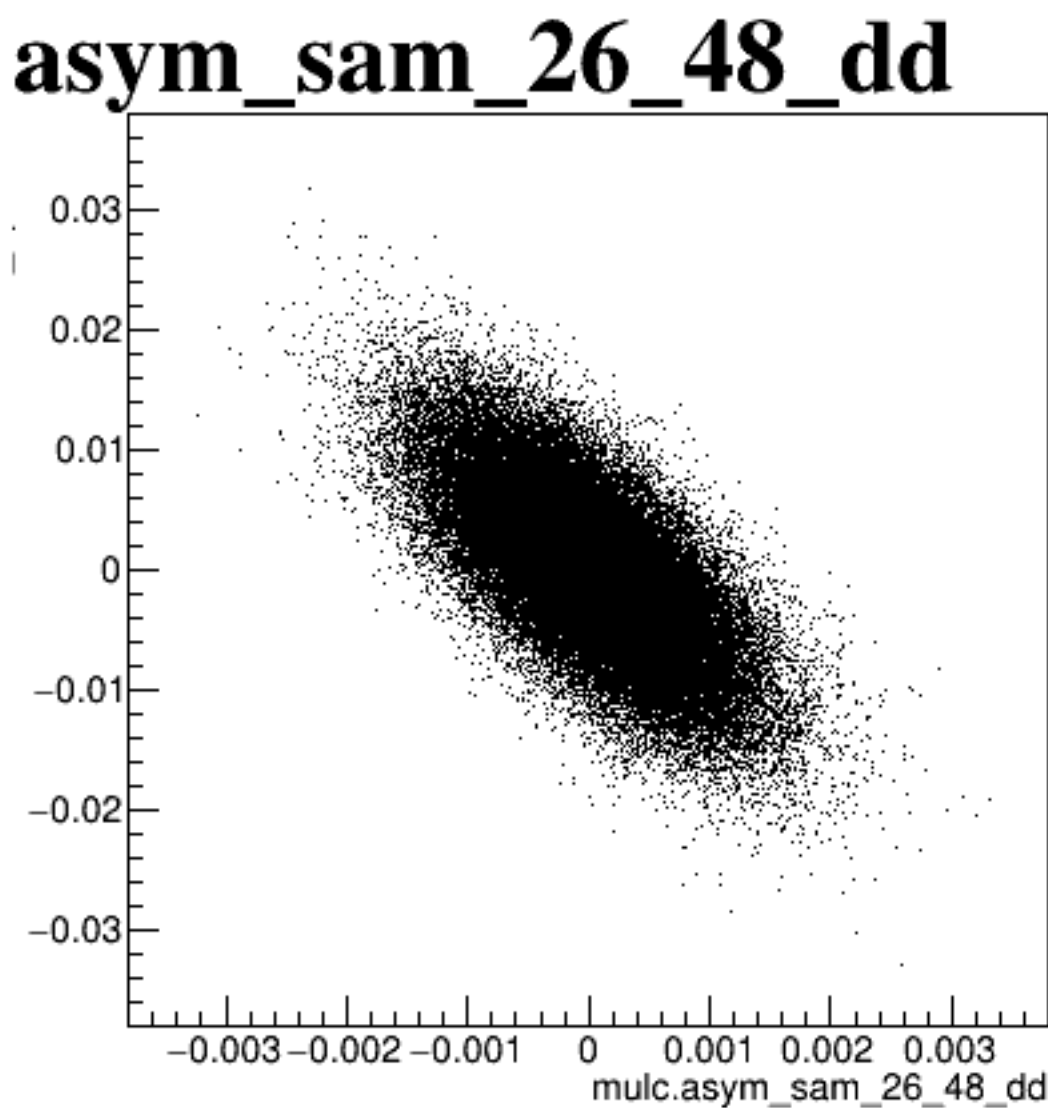
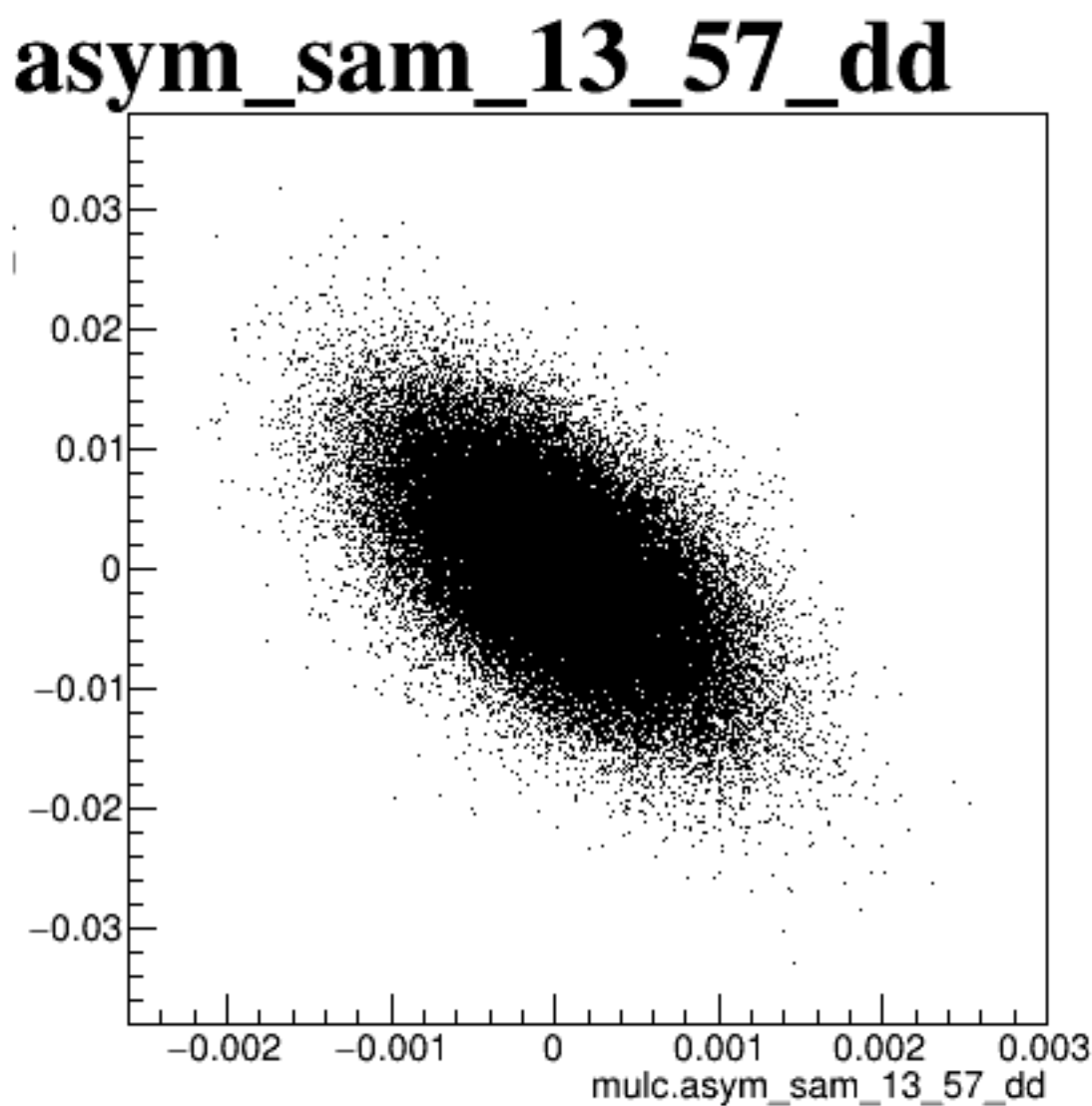
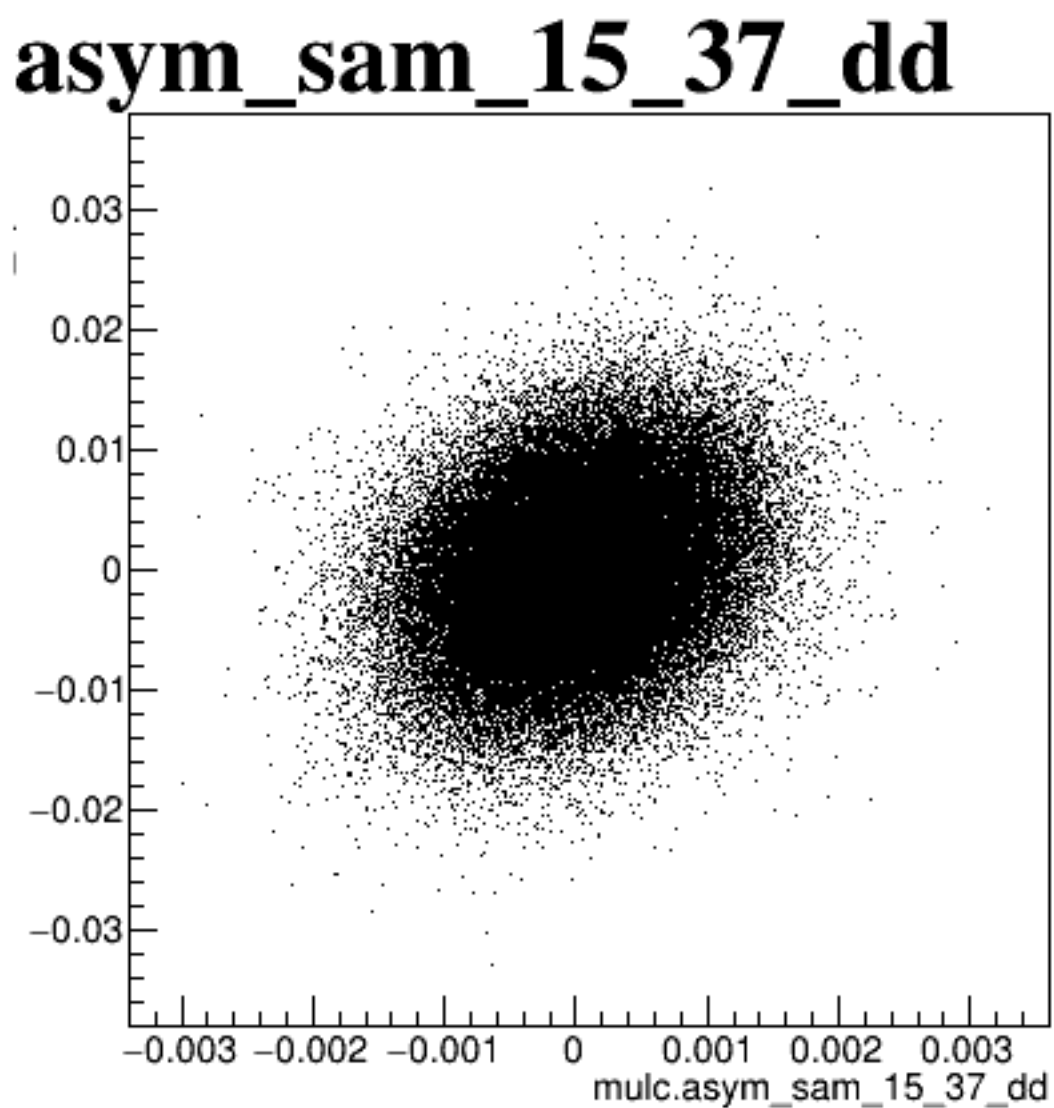
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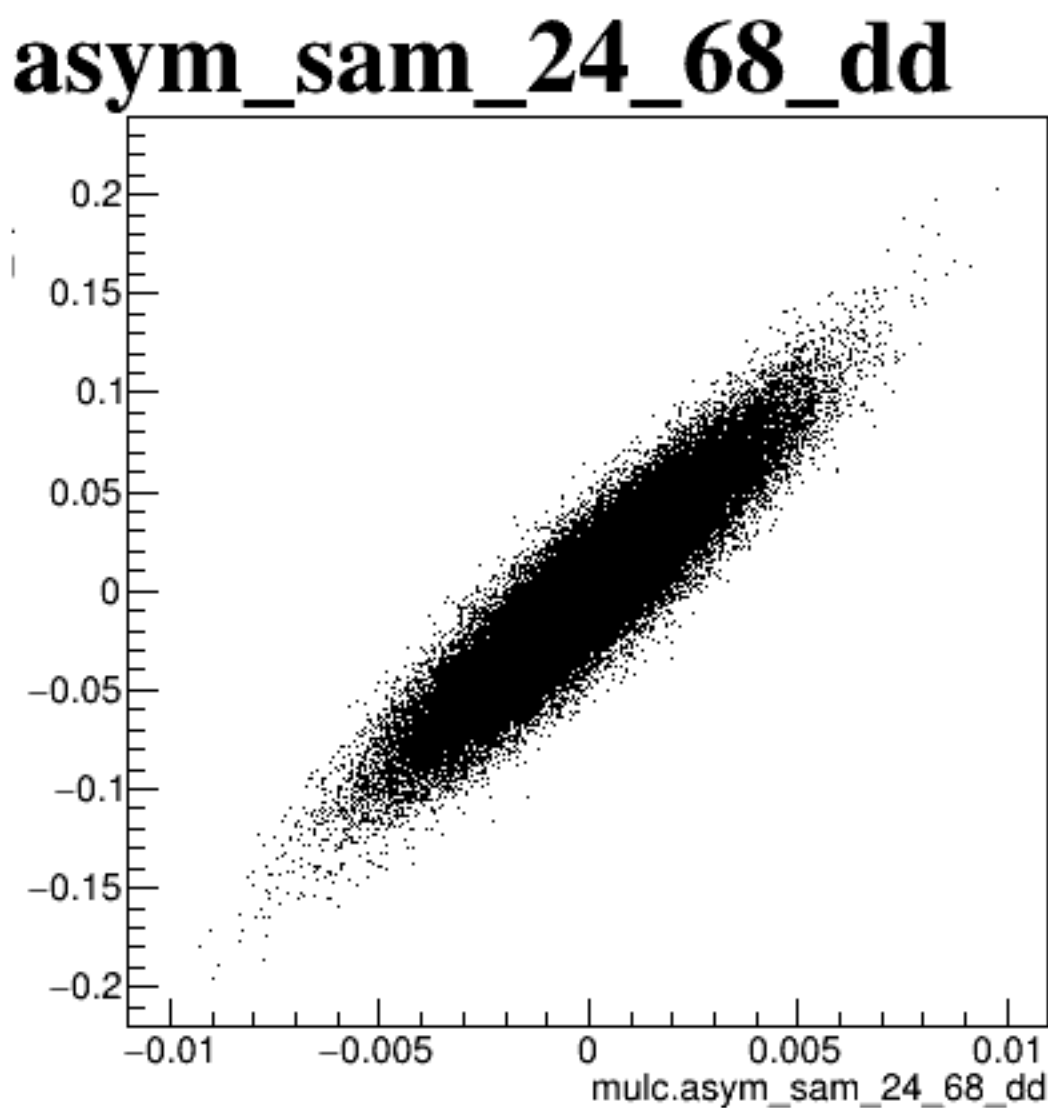
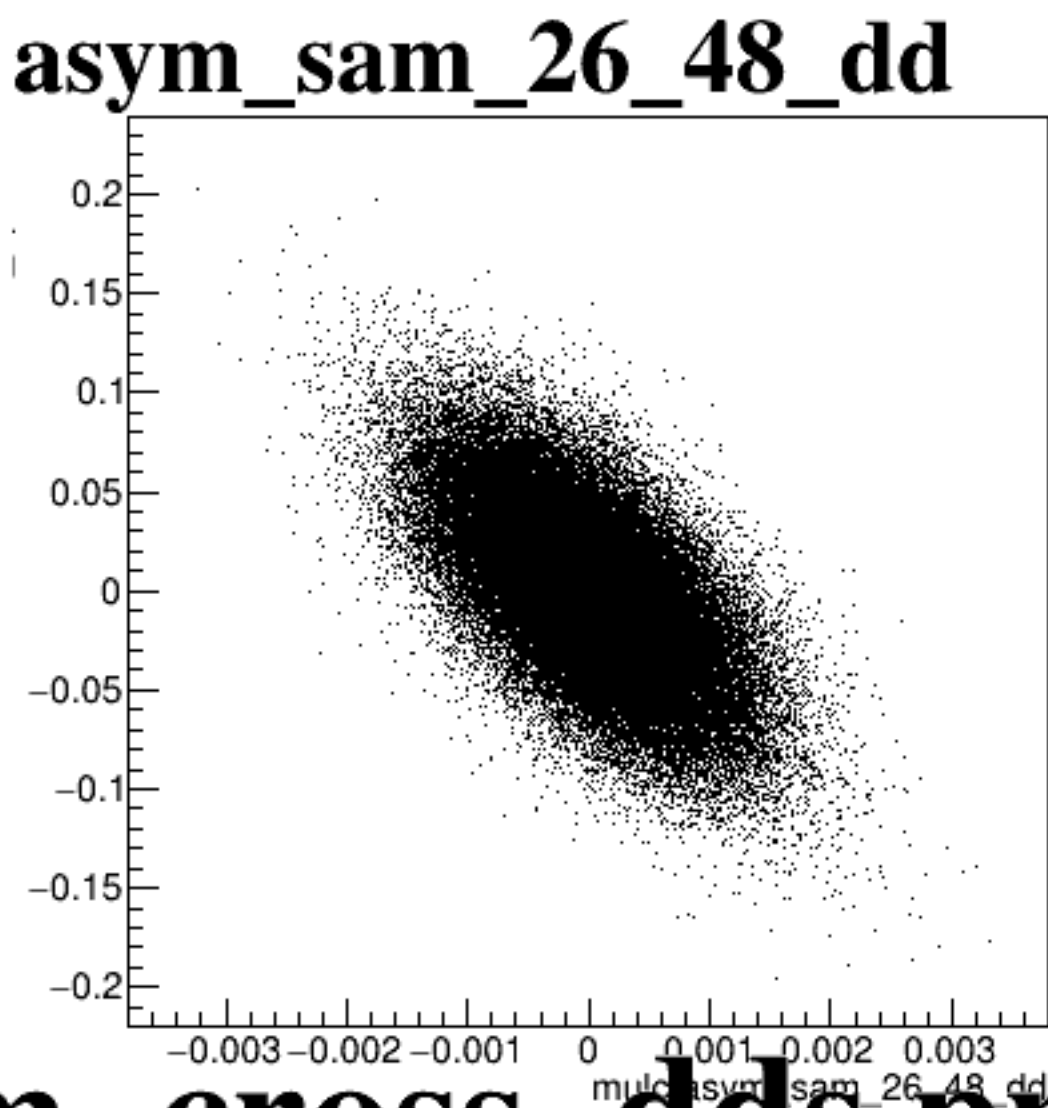
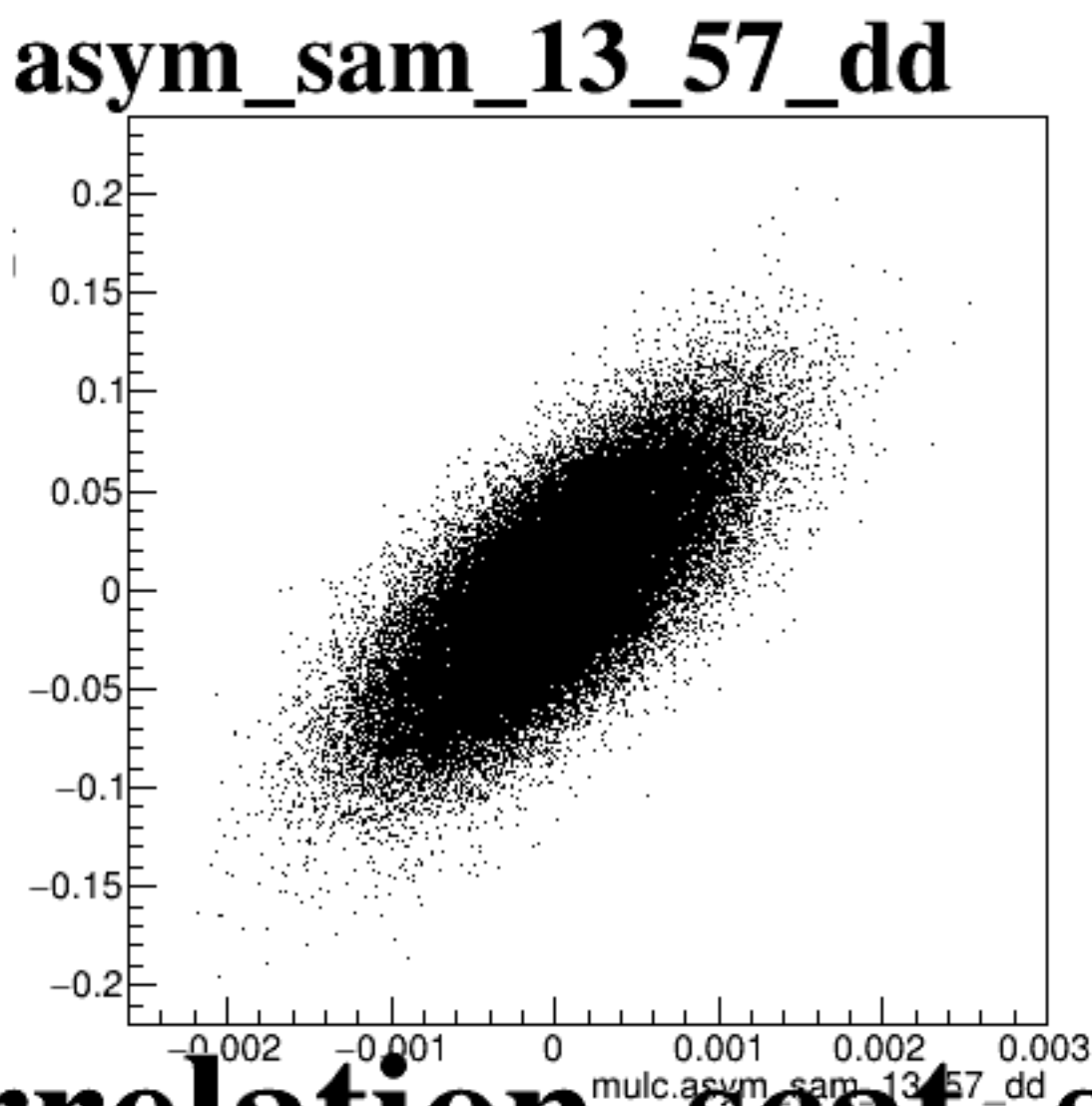
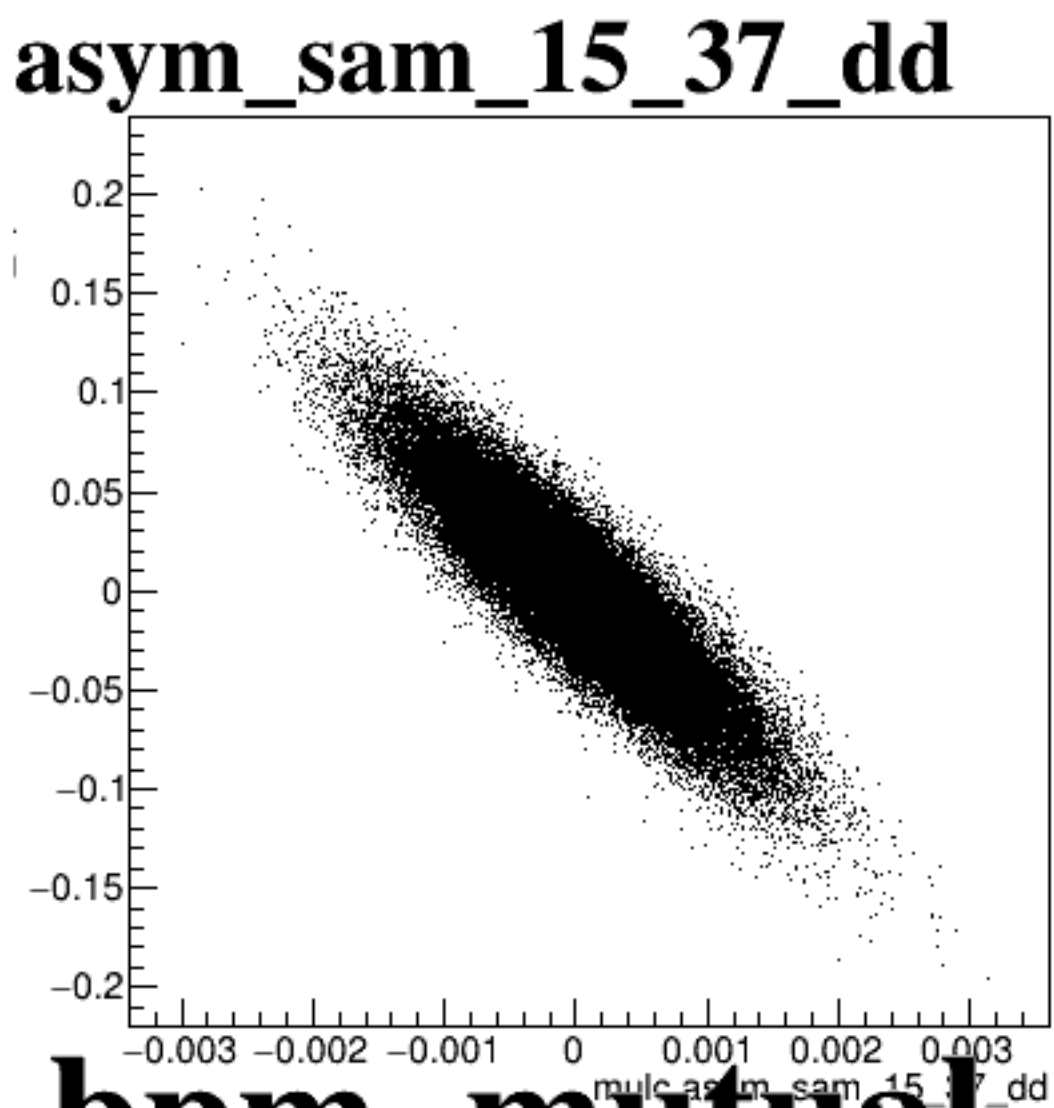
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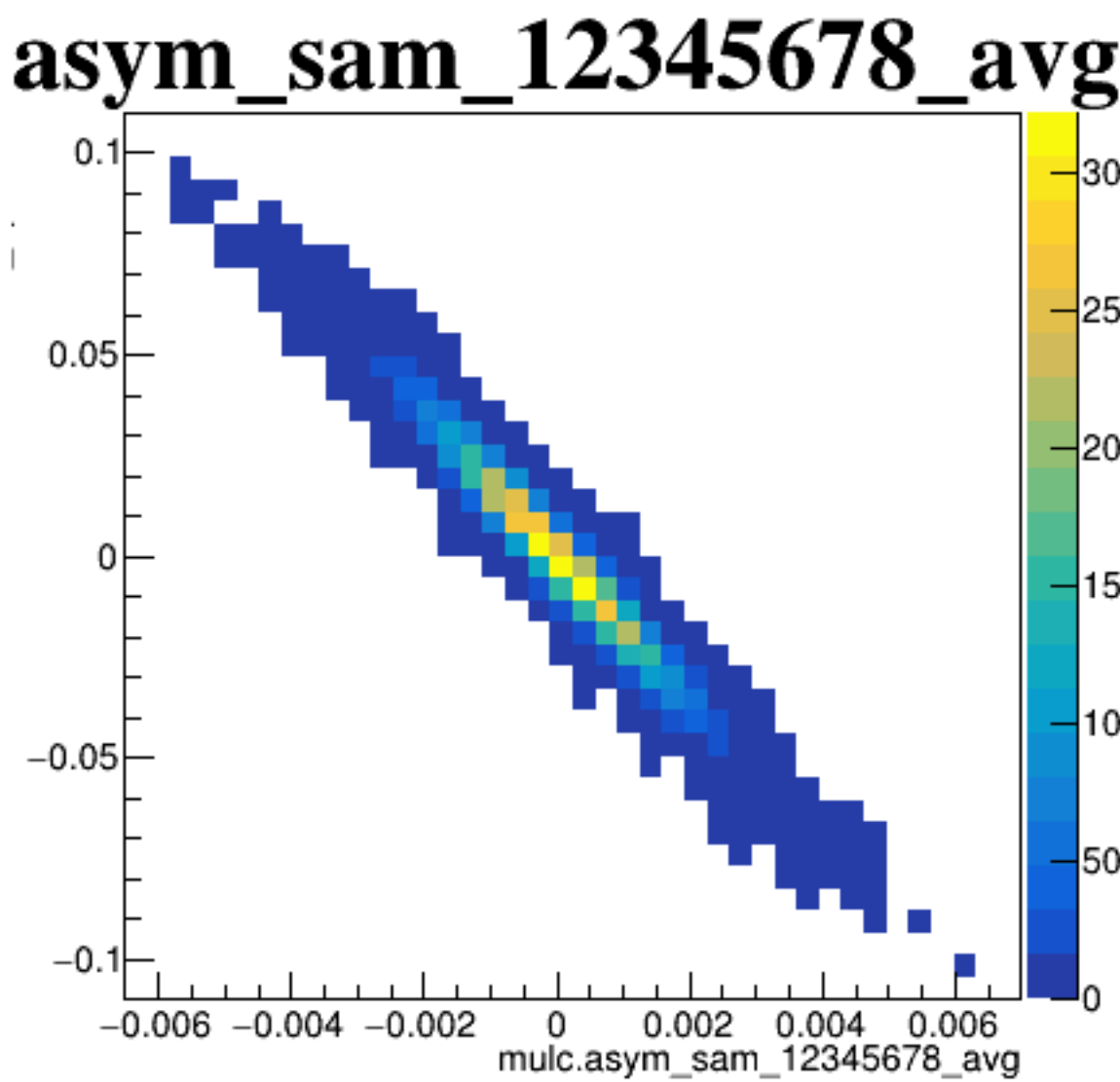
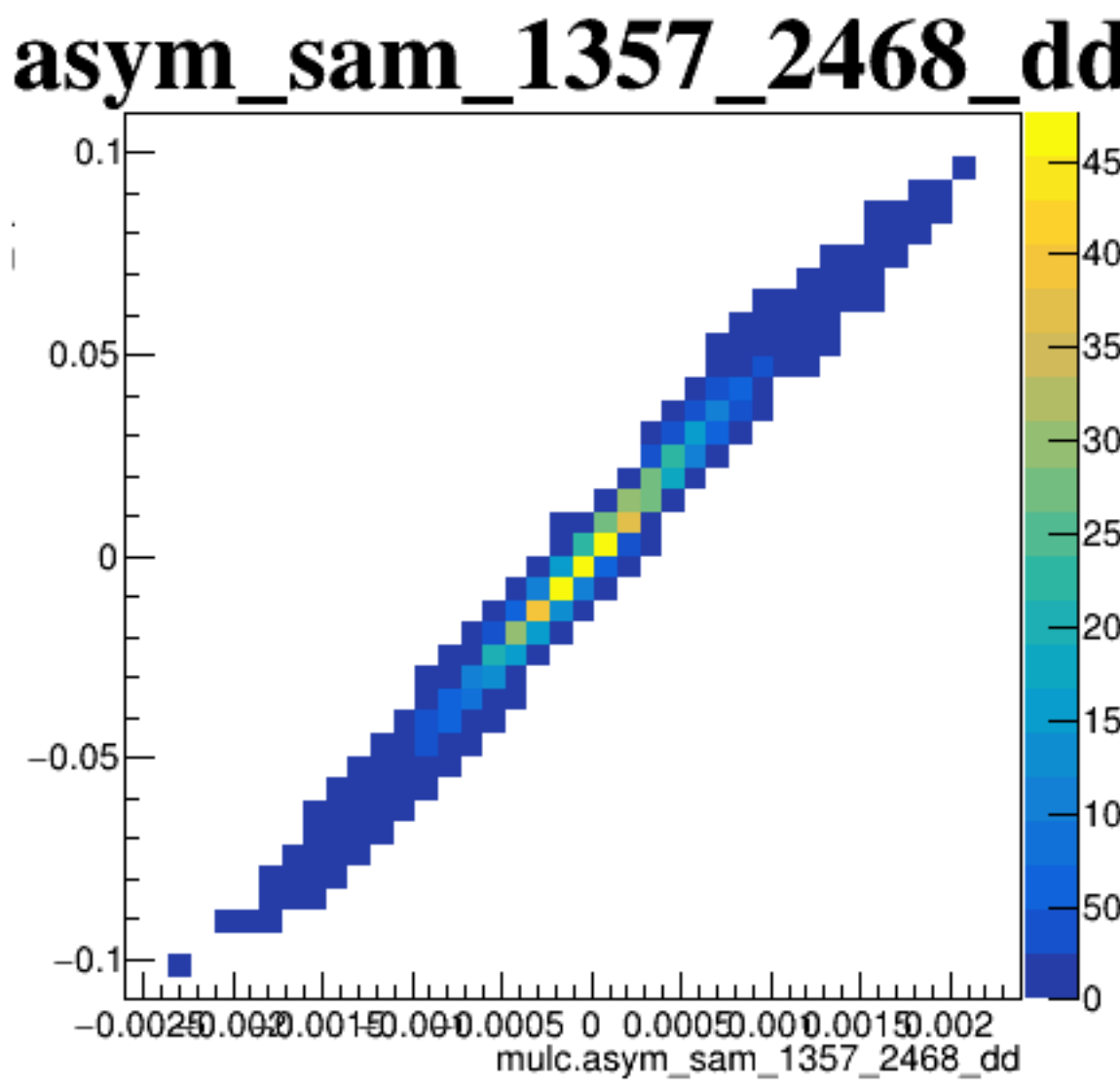
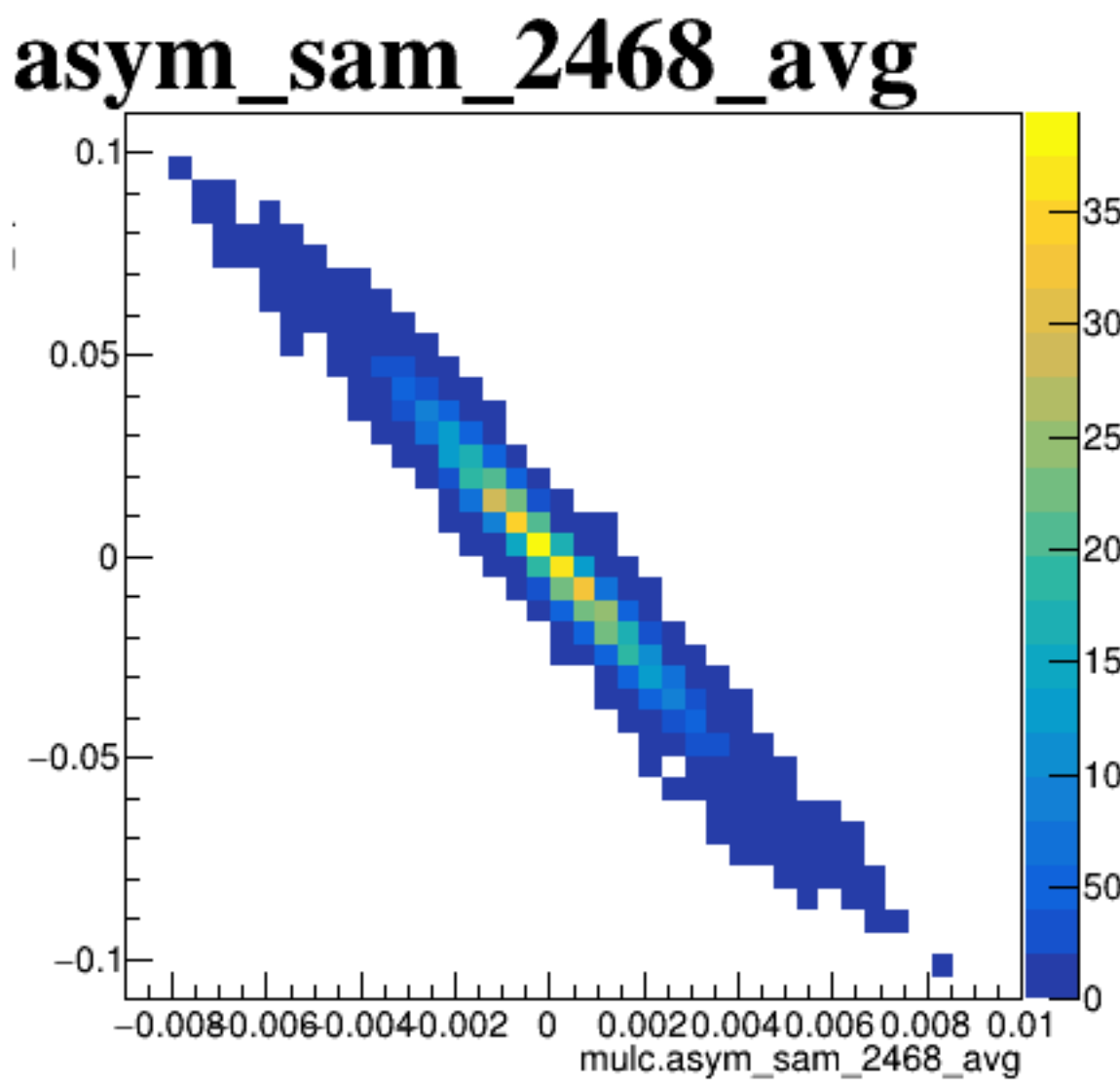
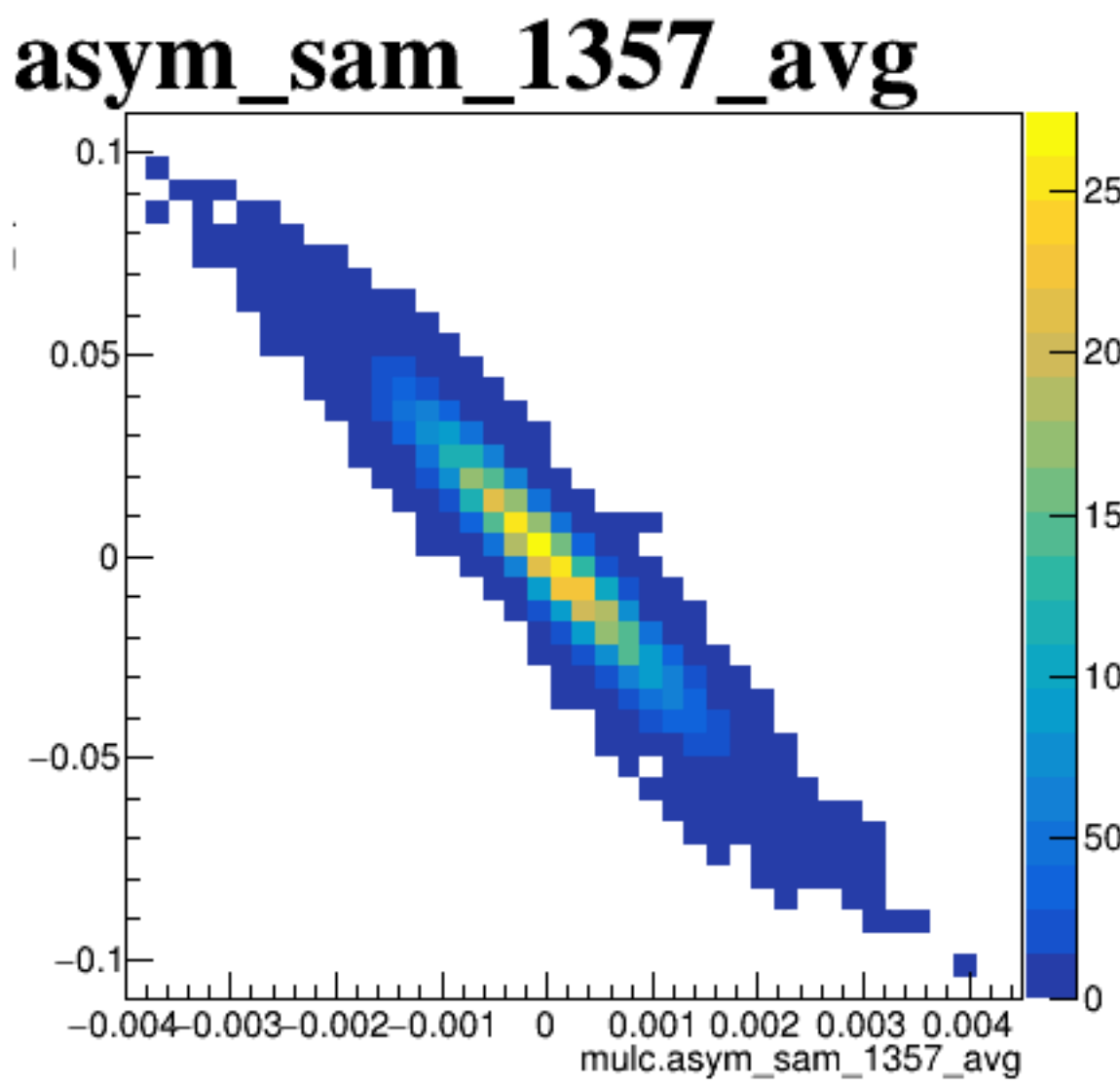
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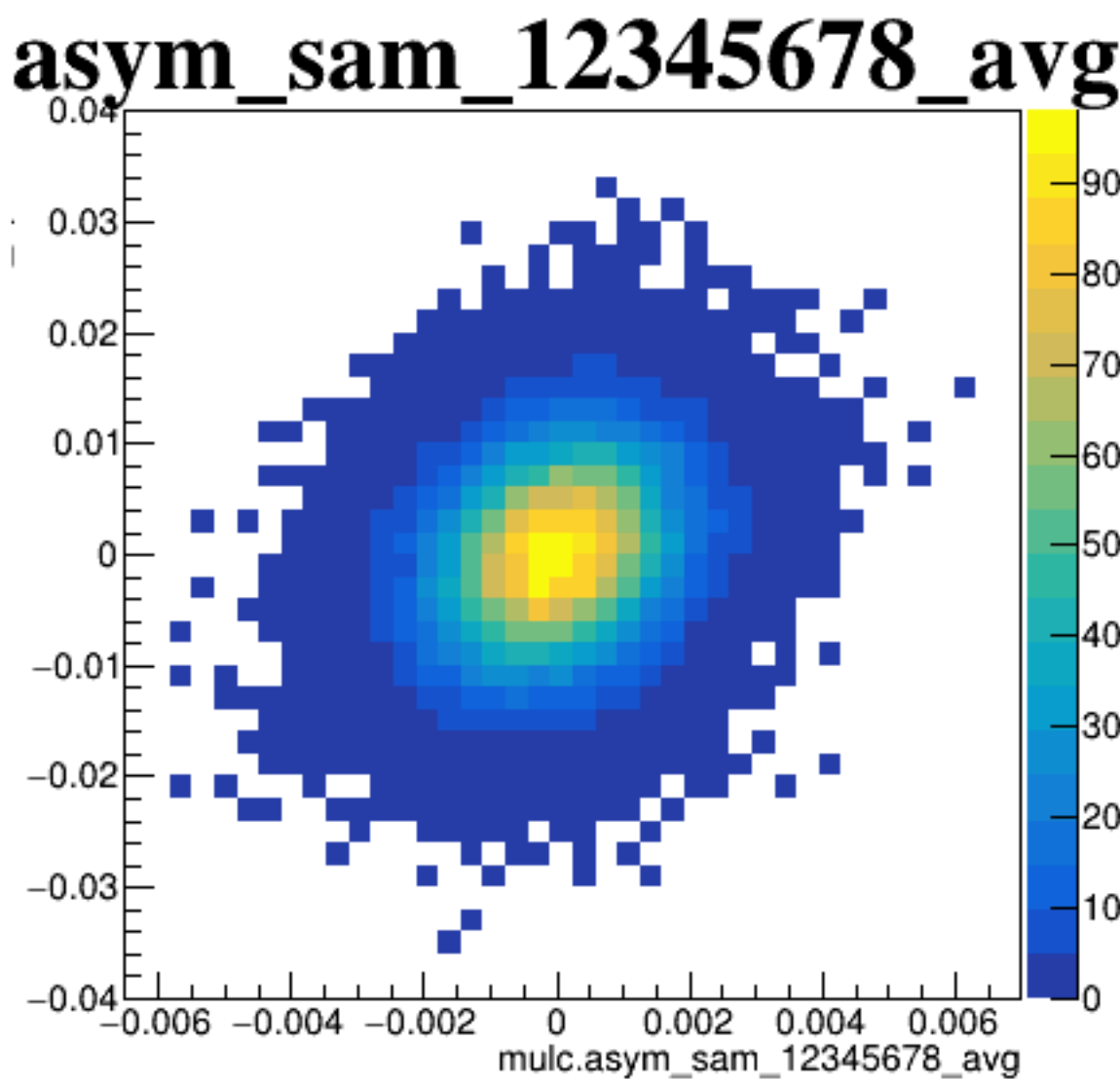
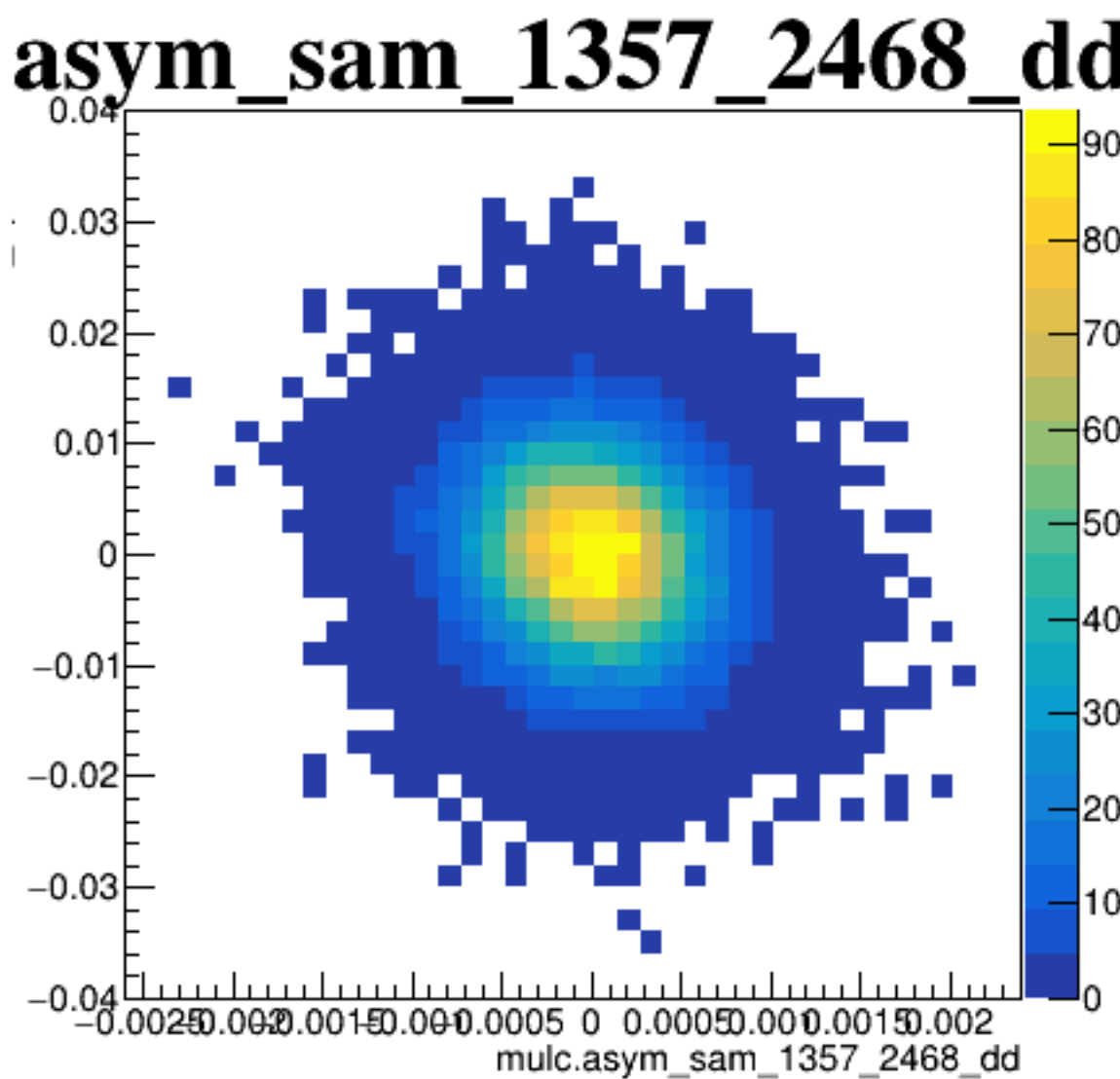
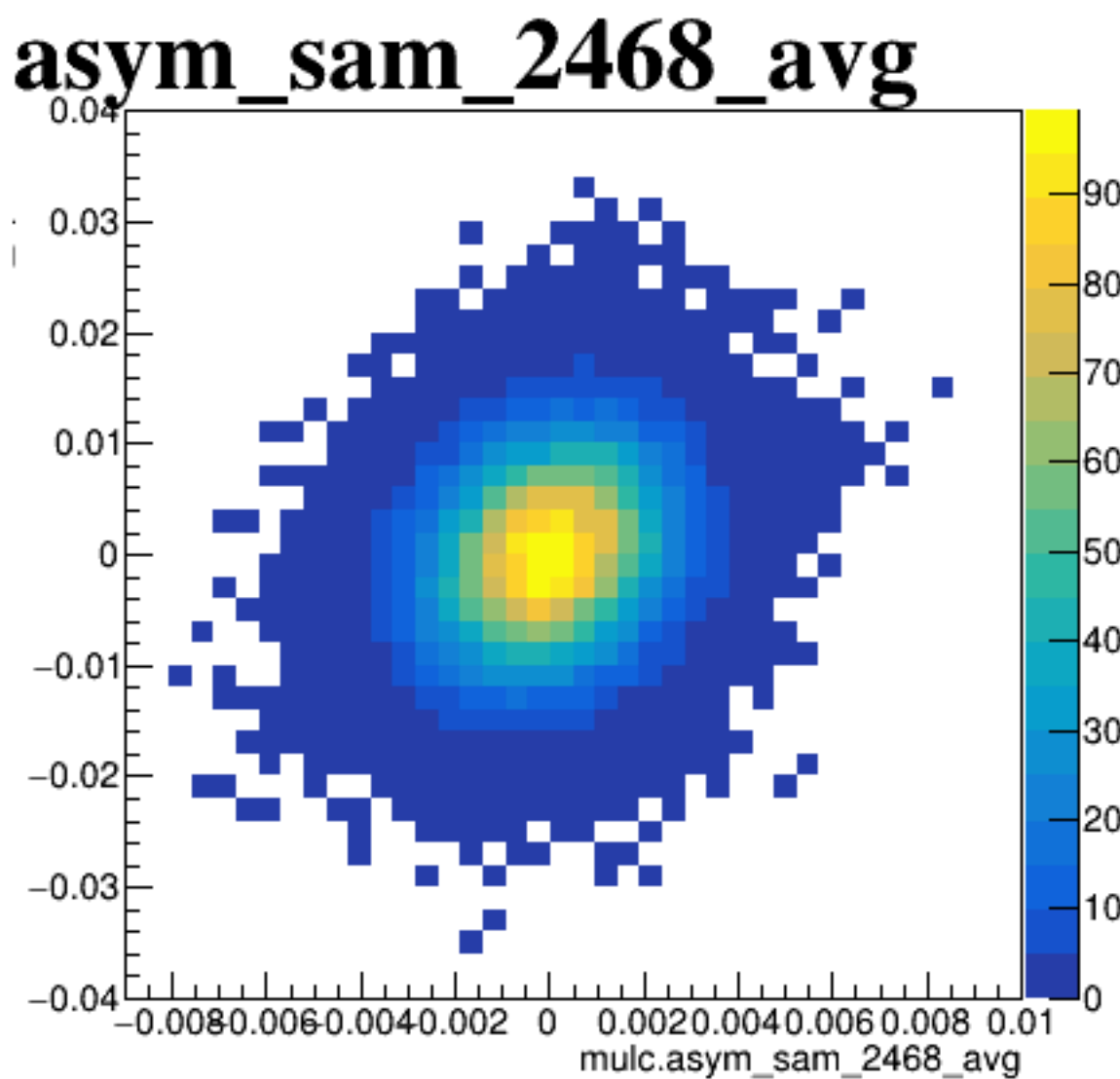
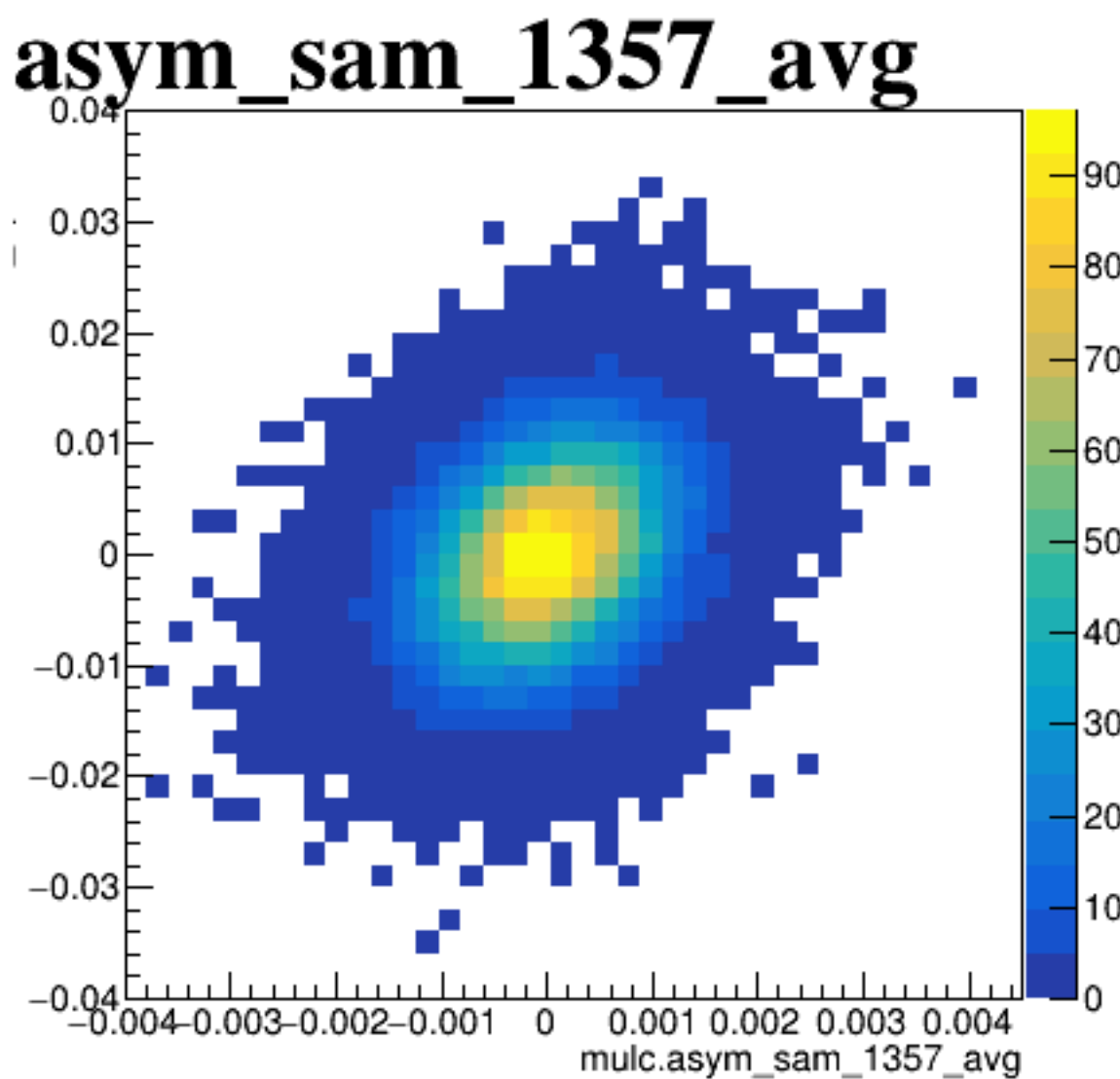
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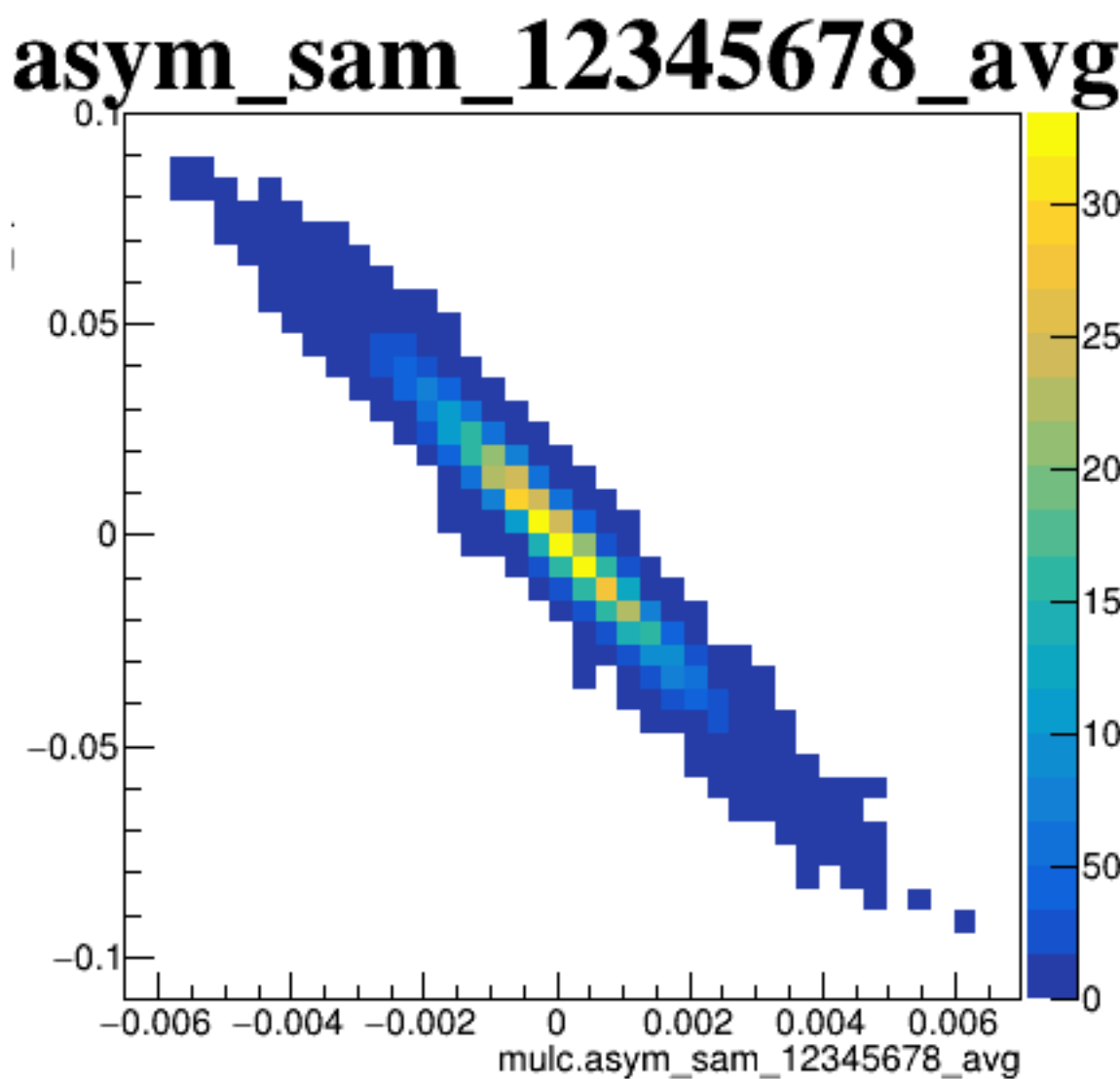
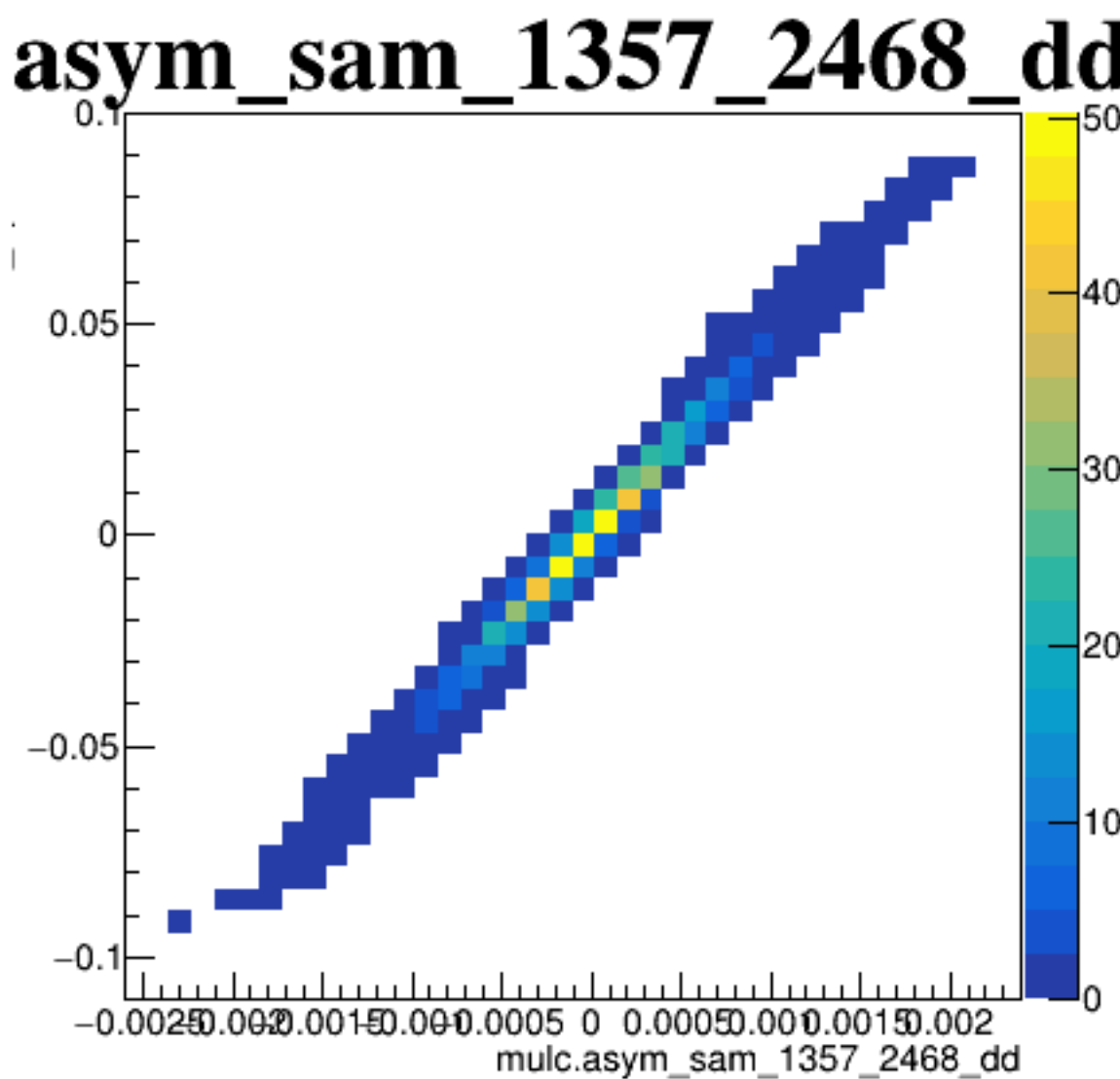
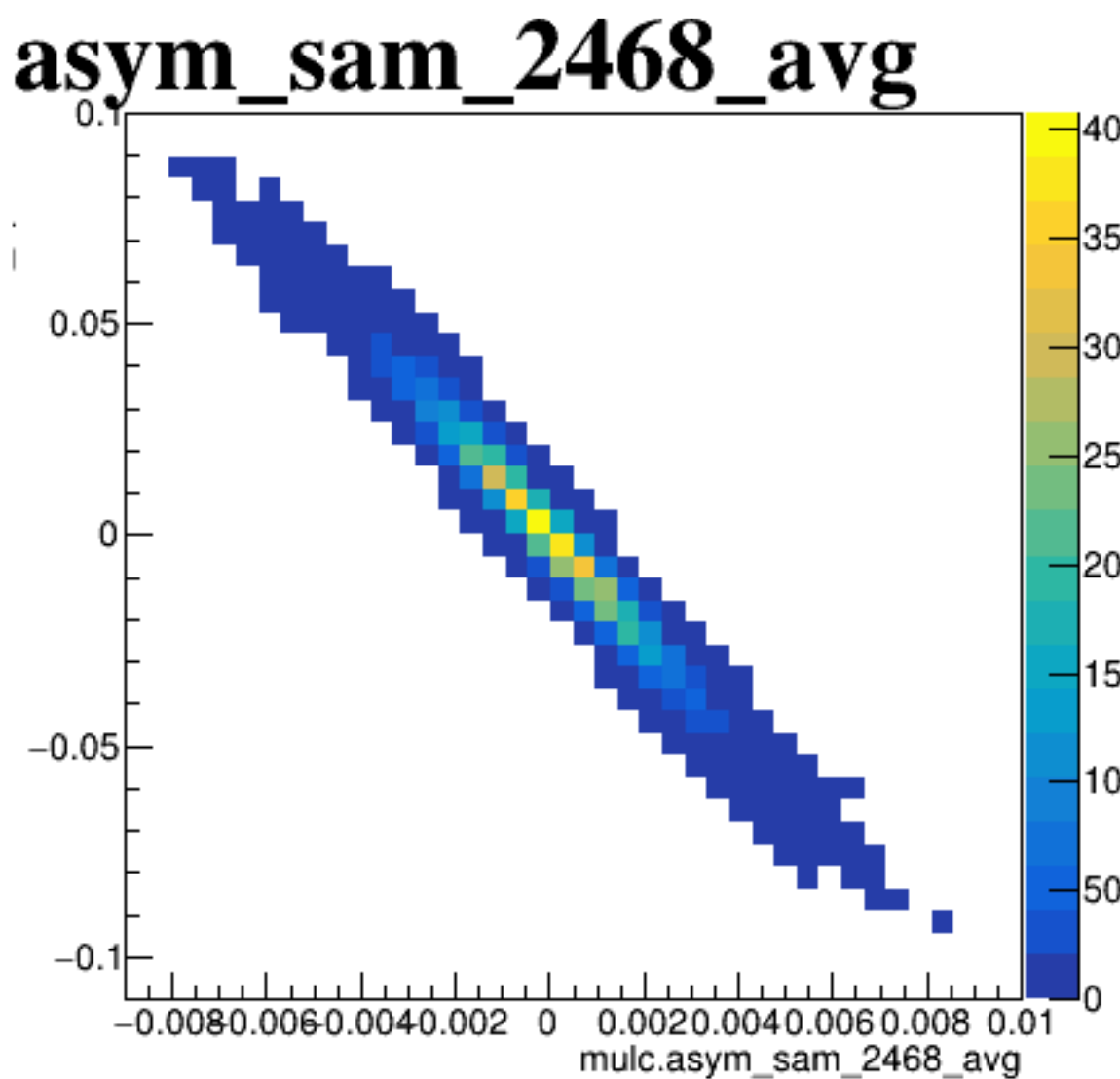
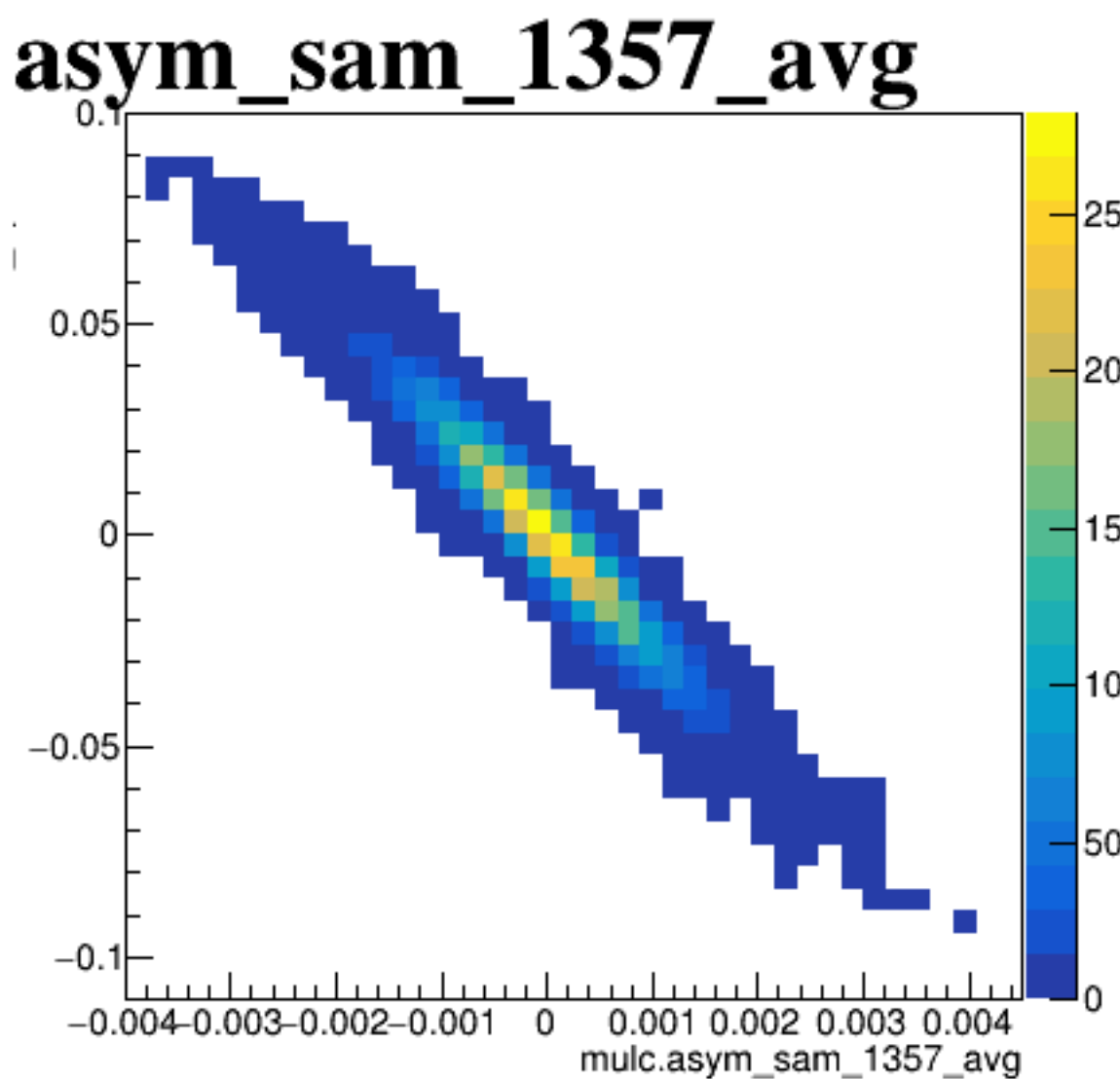
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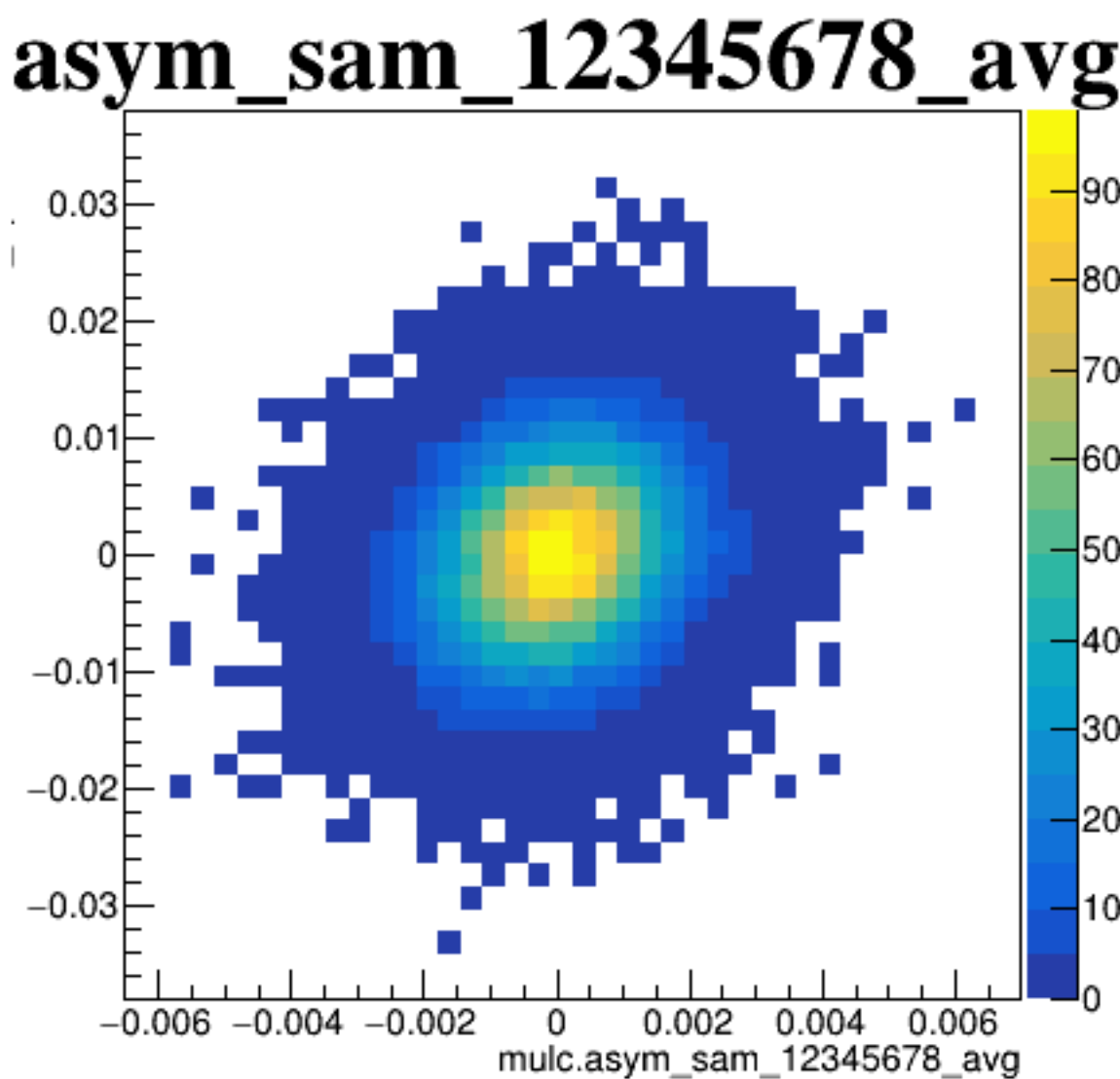
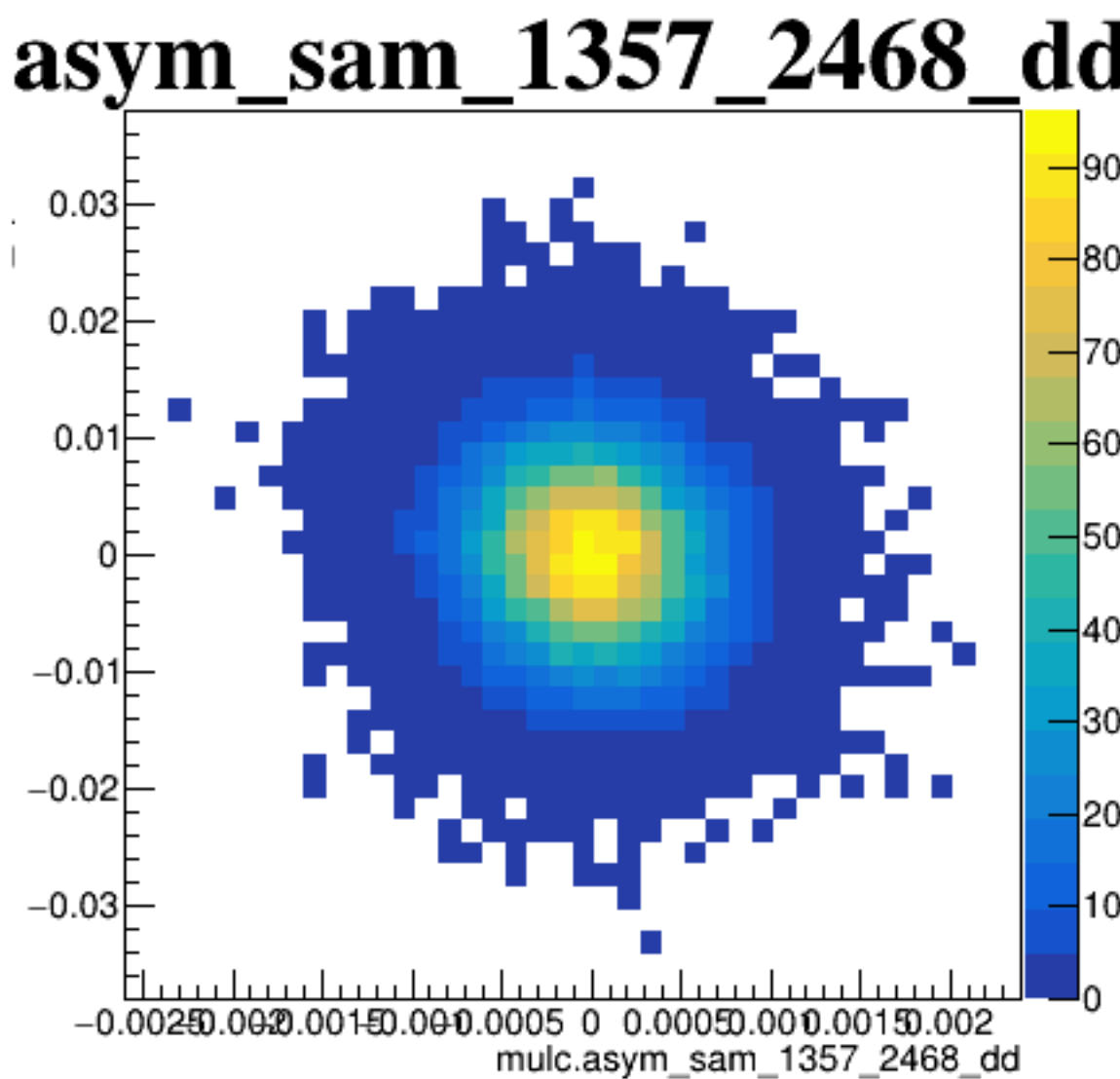
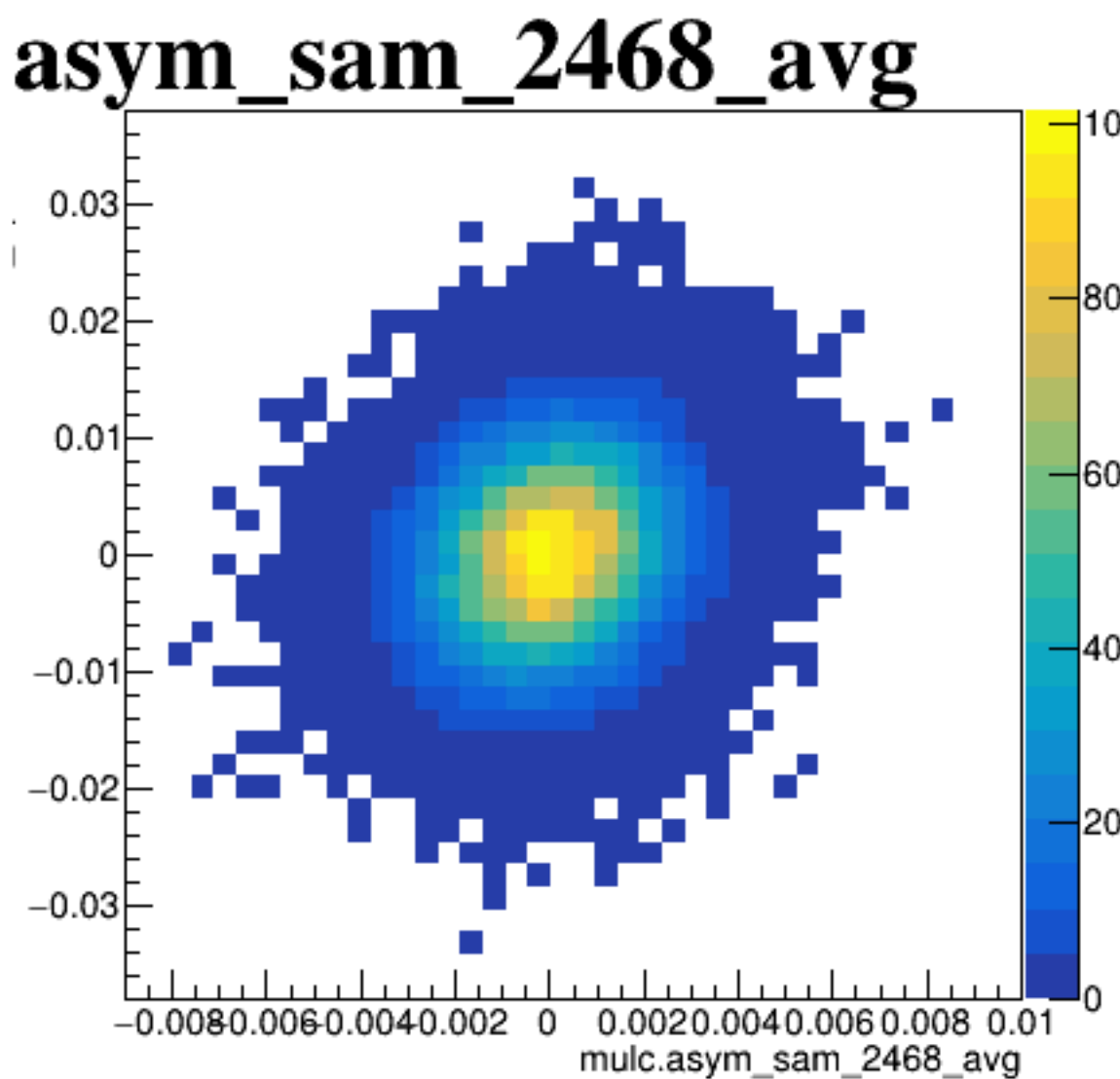
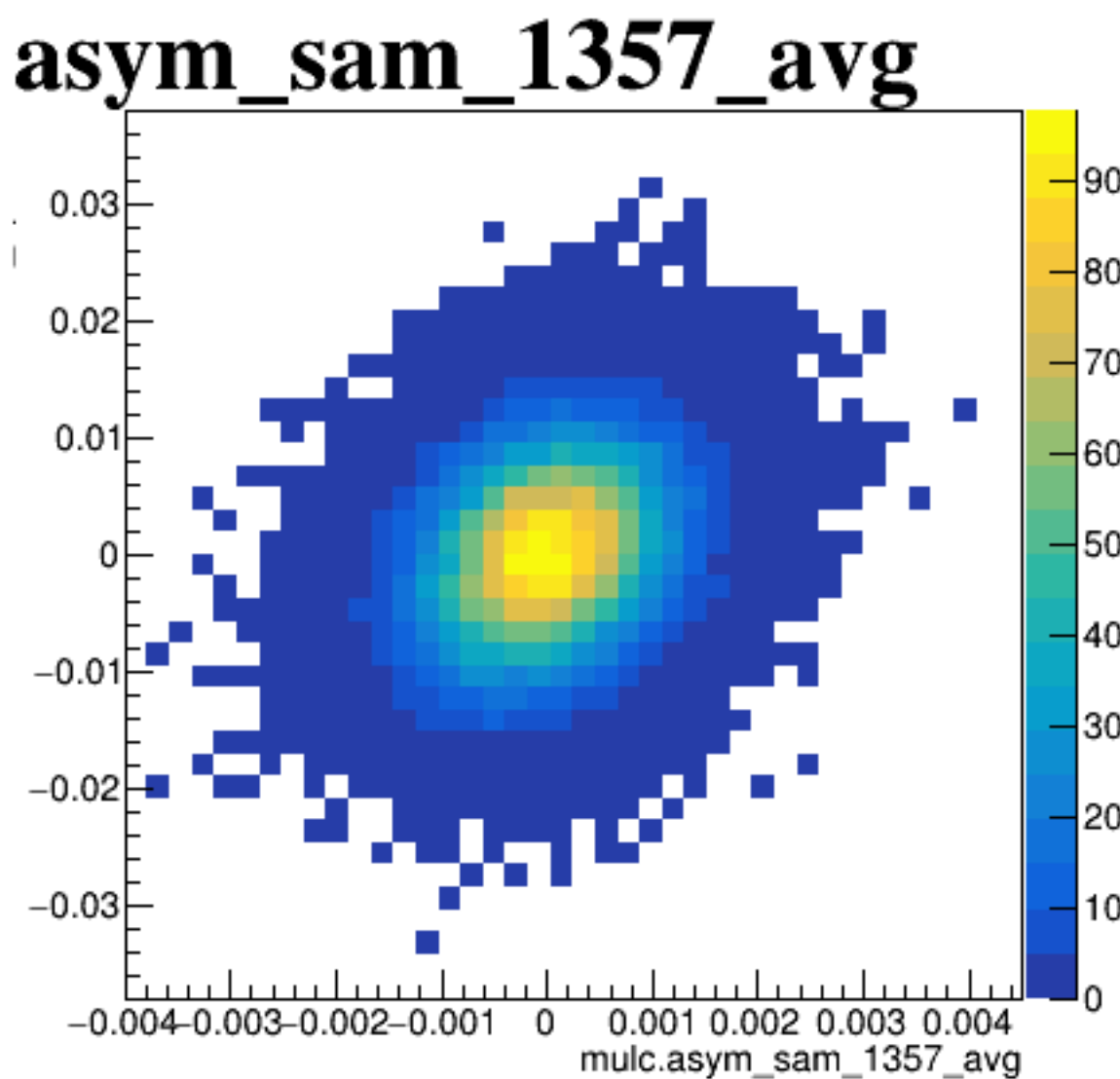
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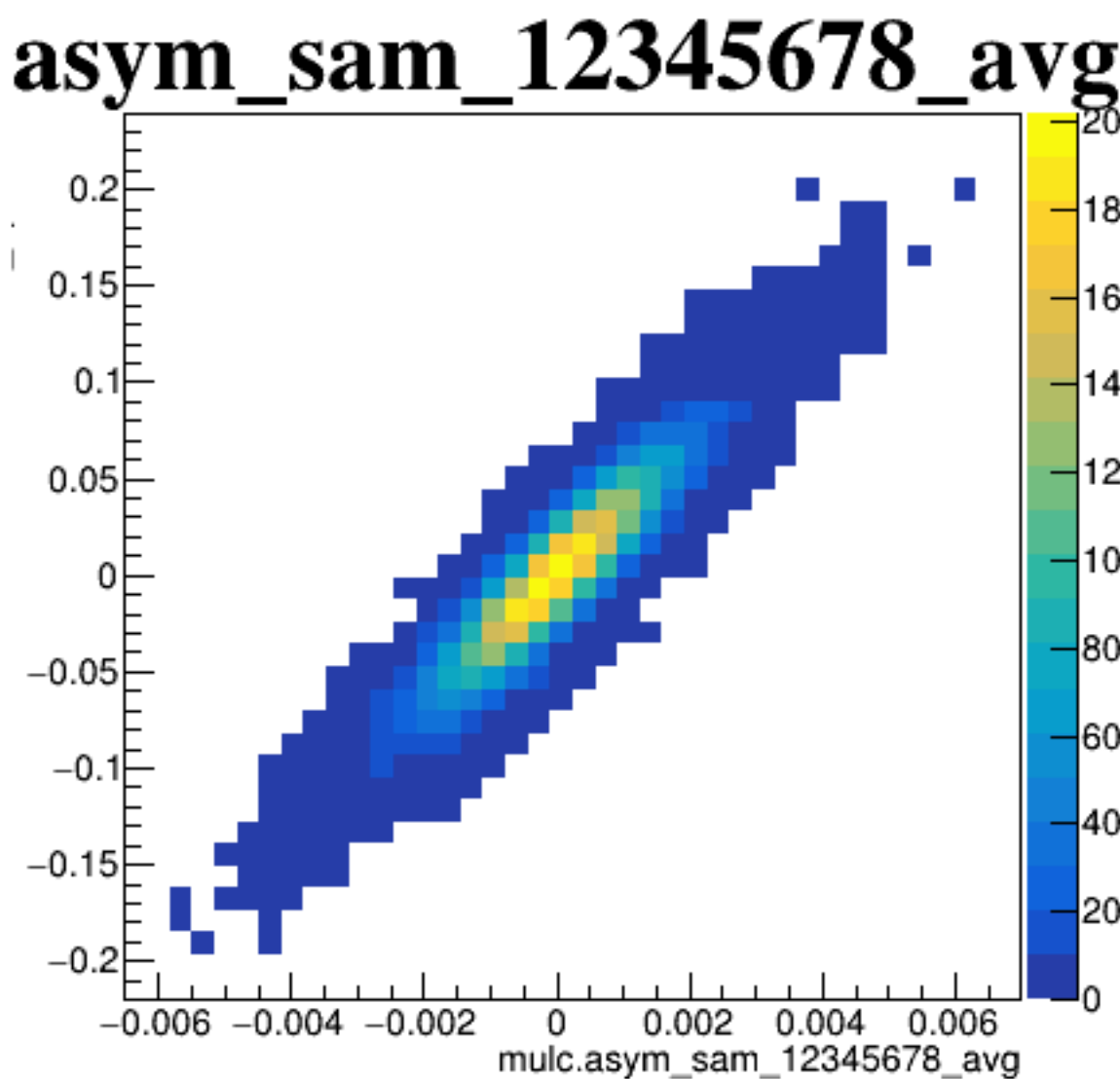
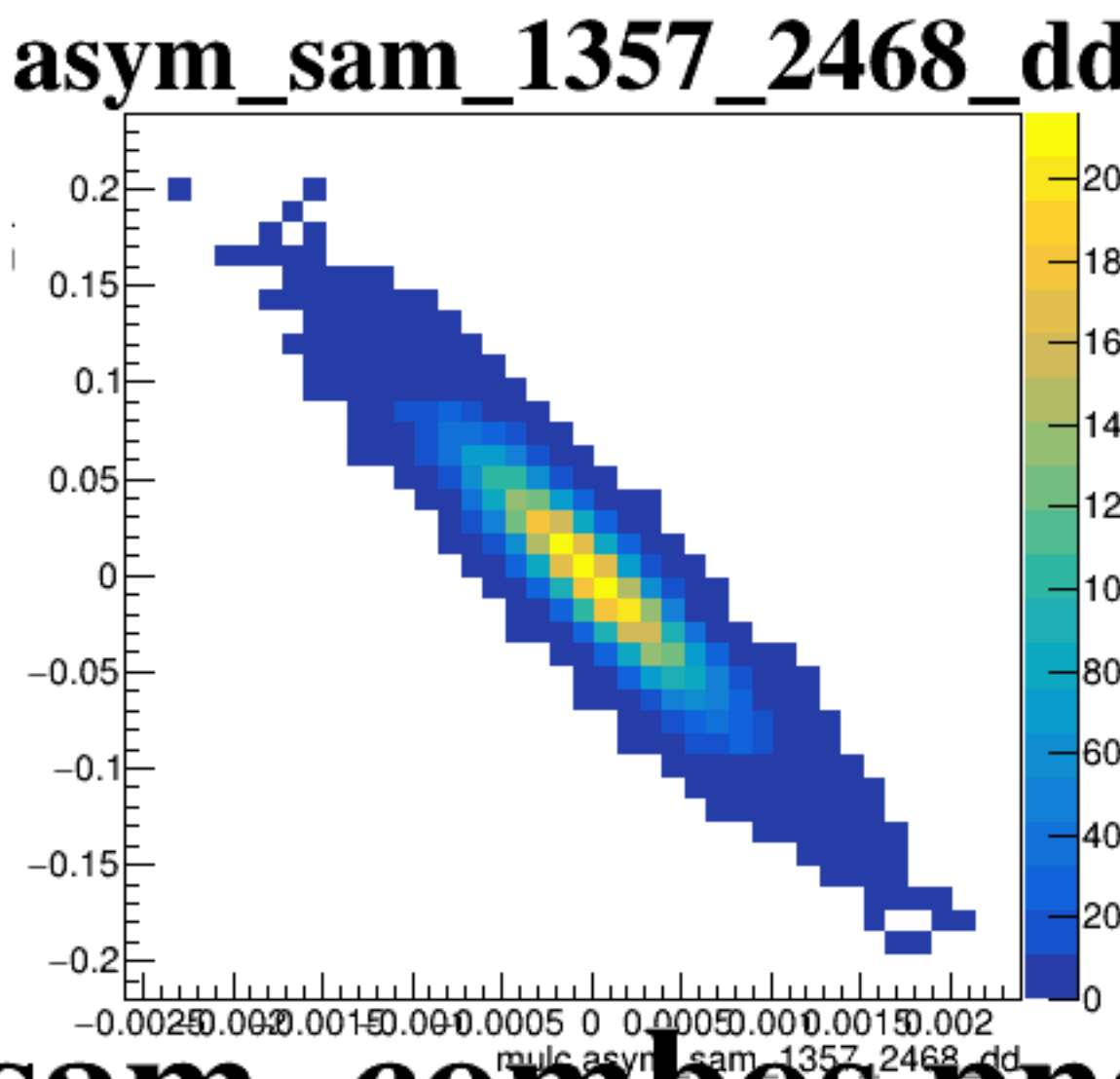
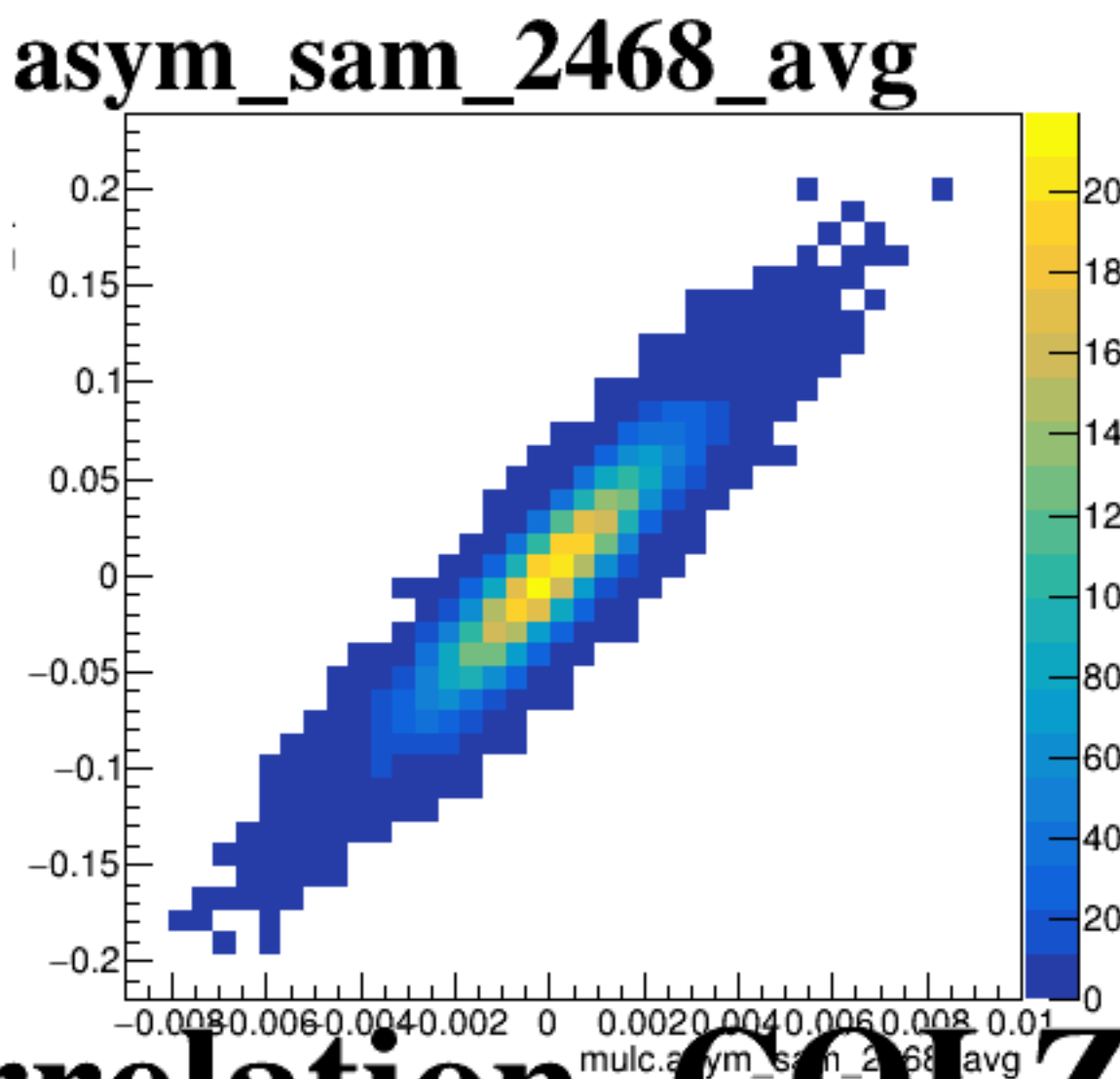
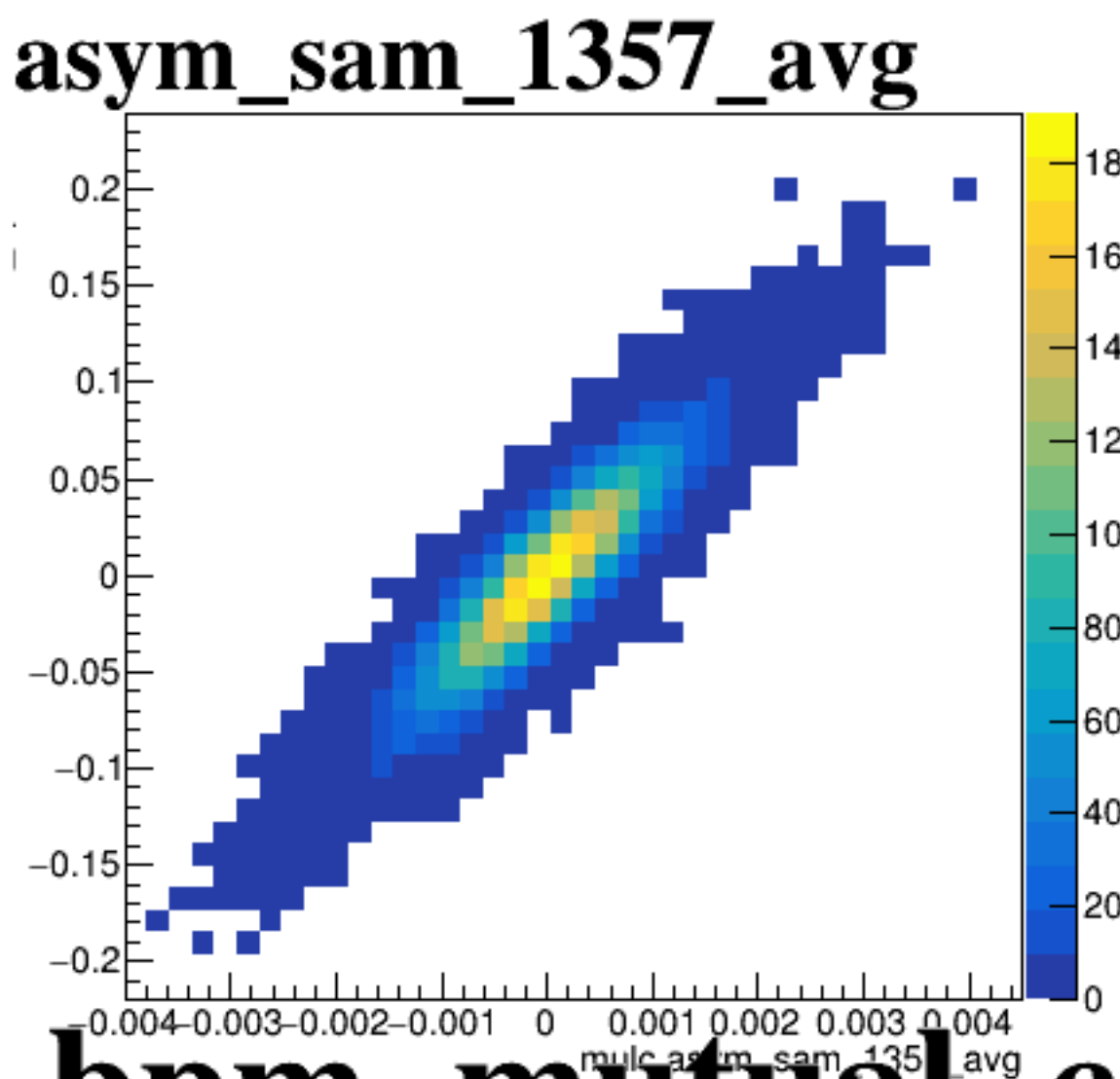
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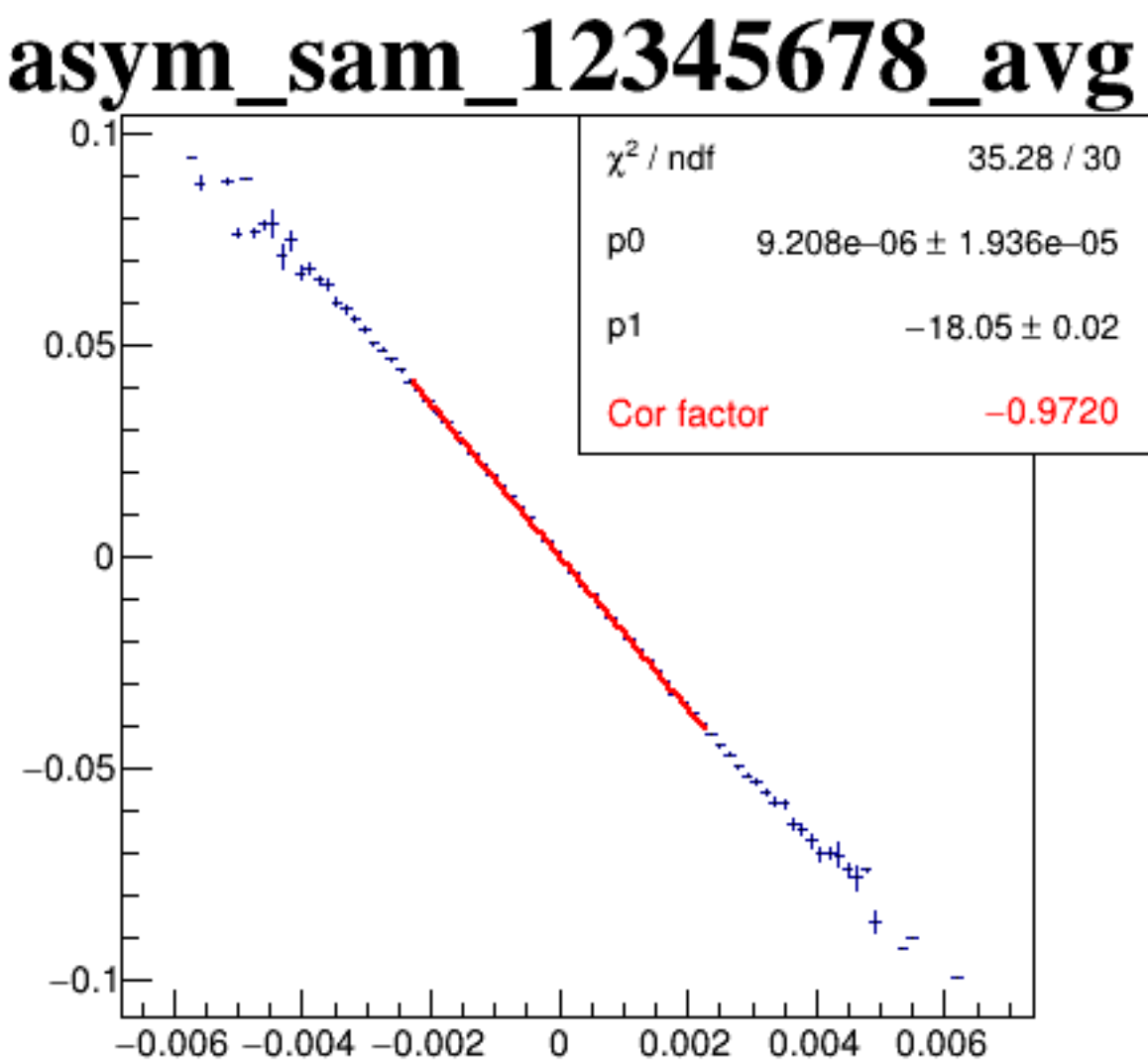
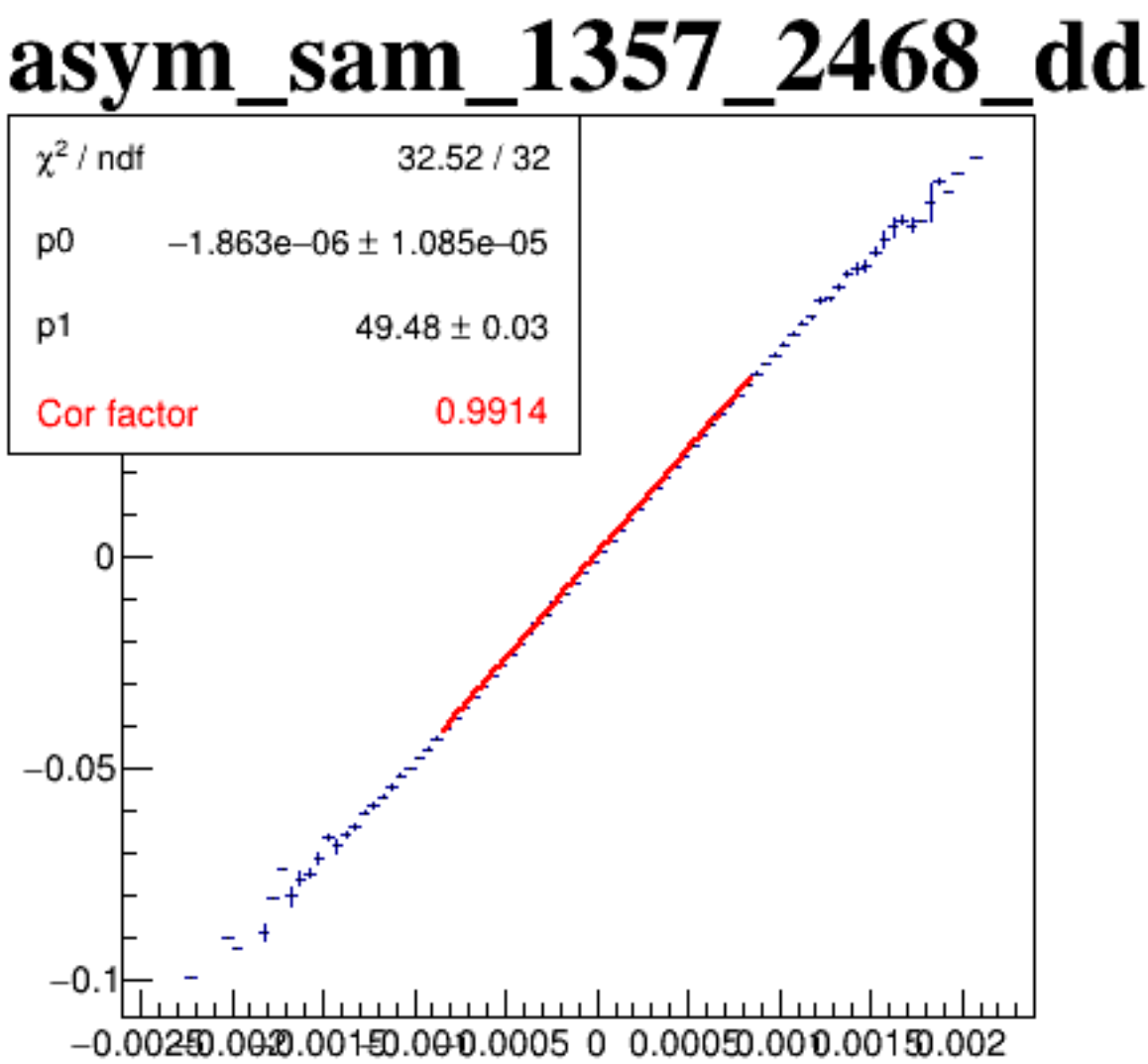
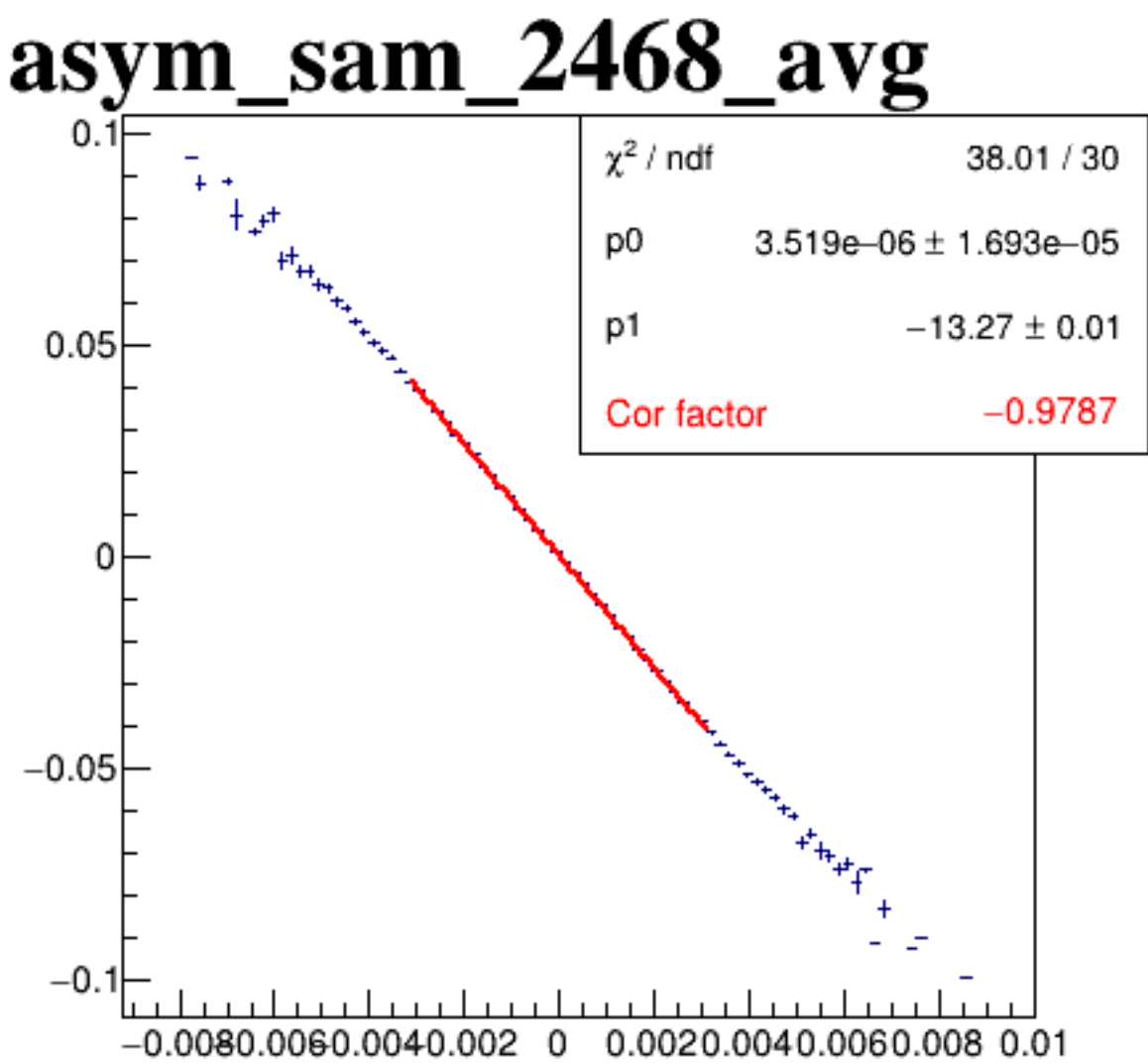
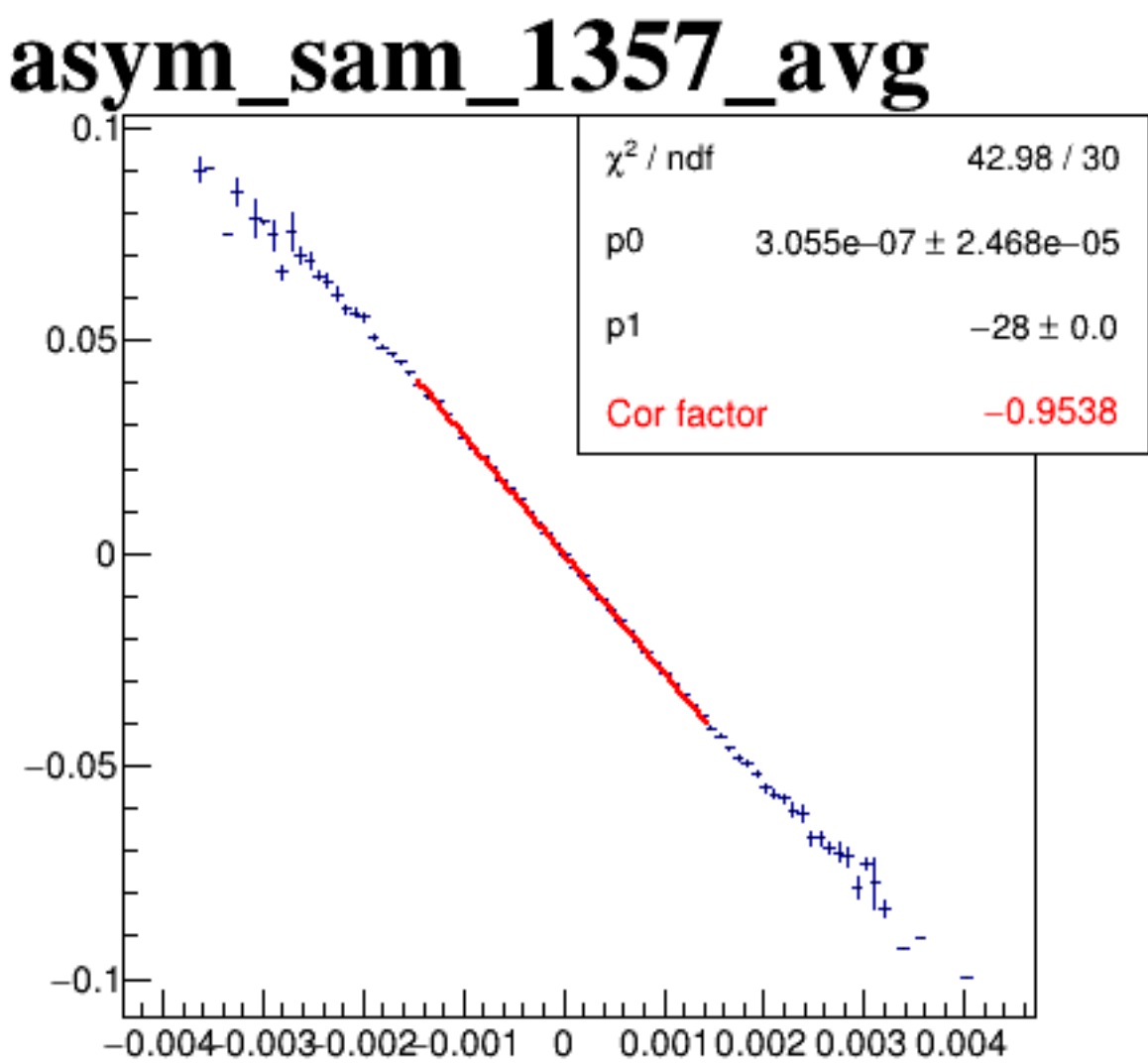
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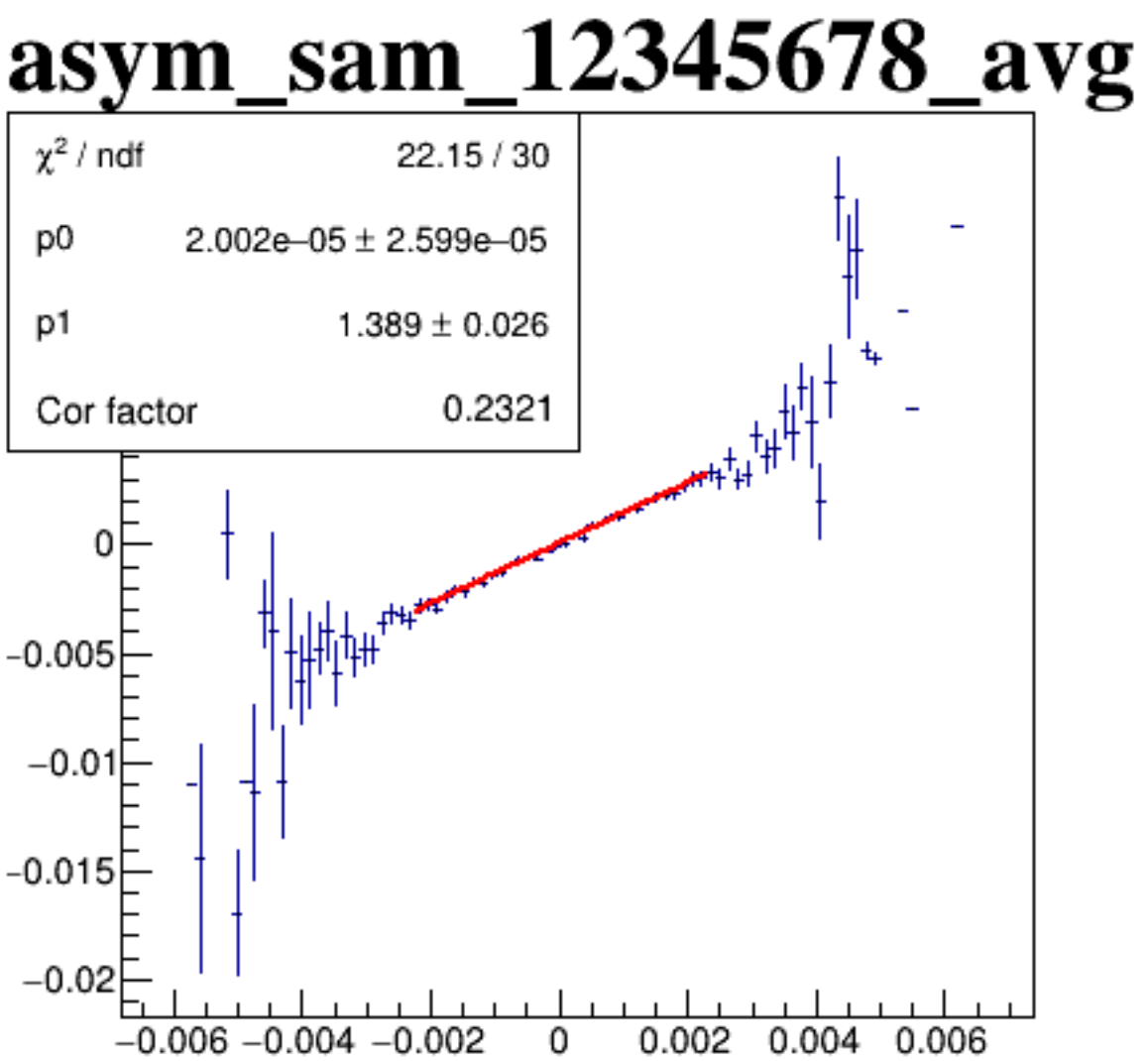
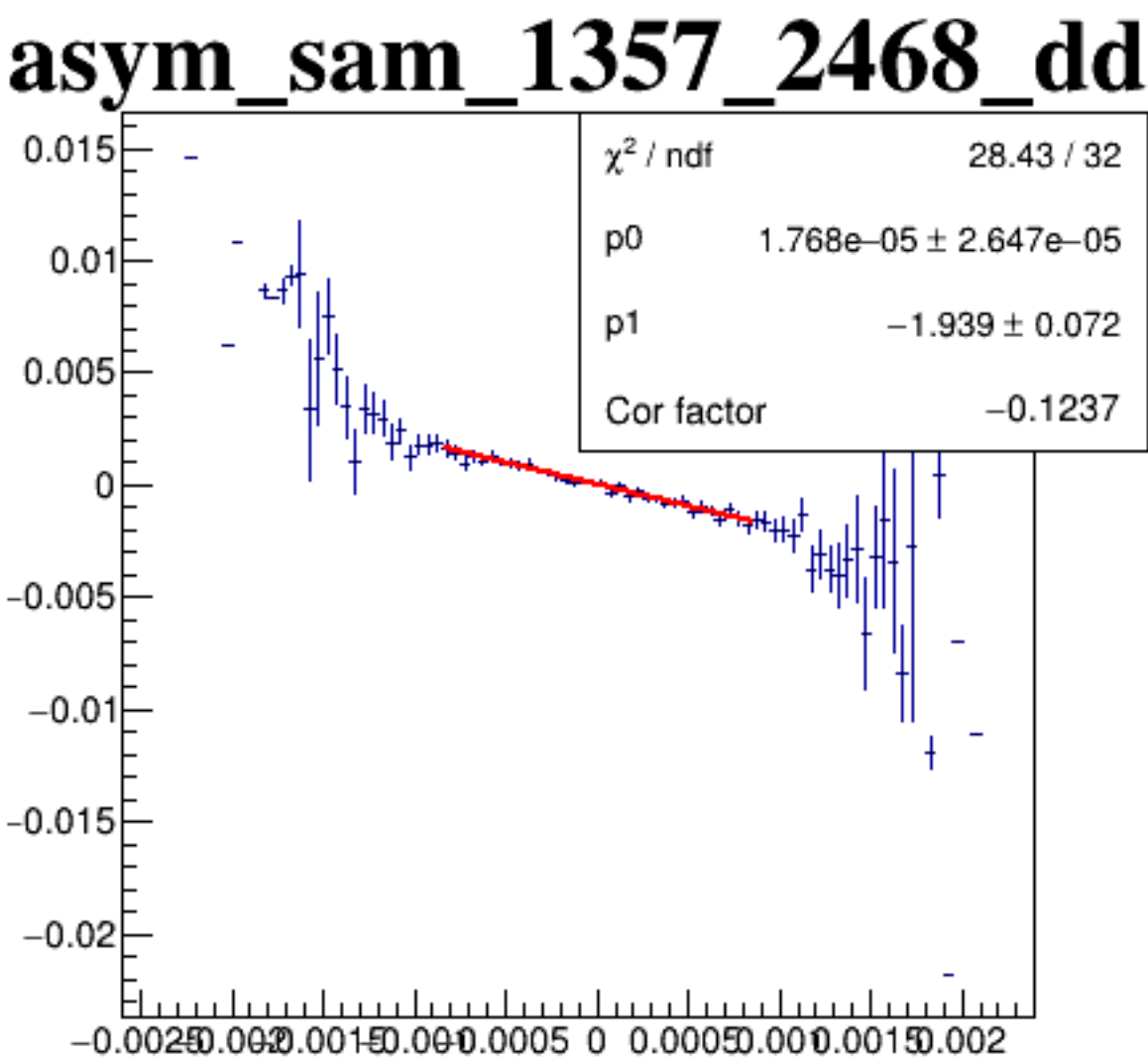
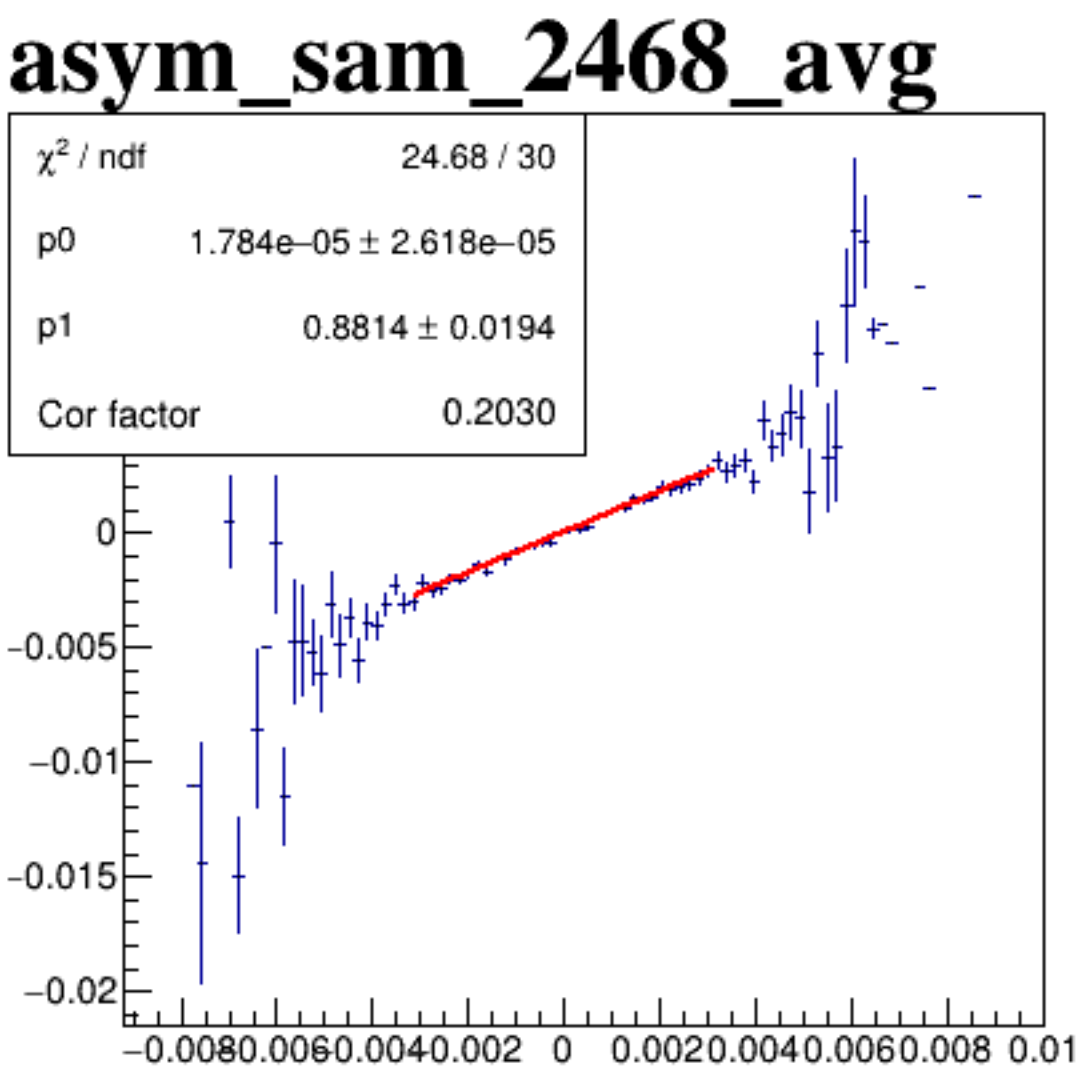
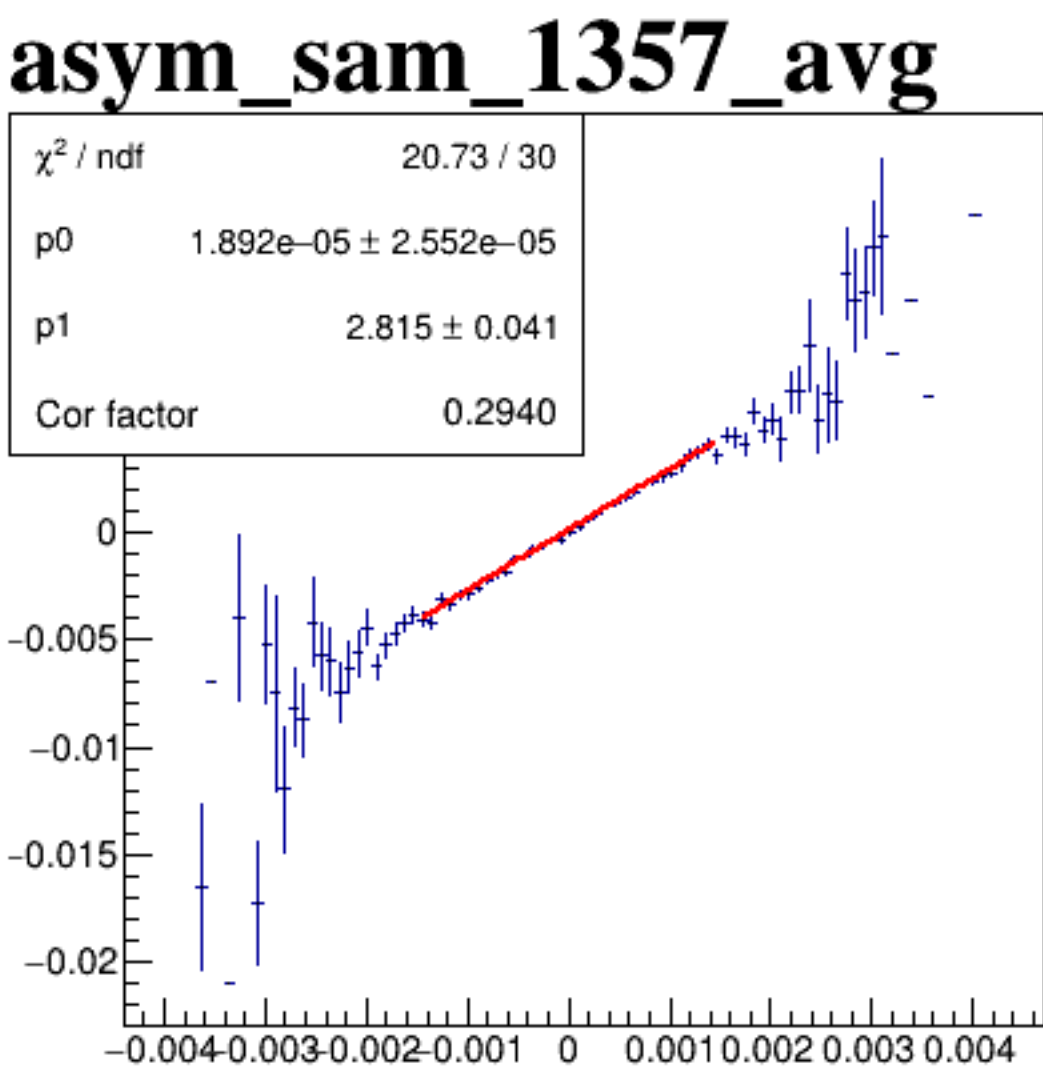
diff_bpm12X



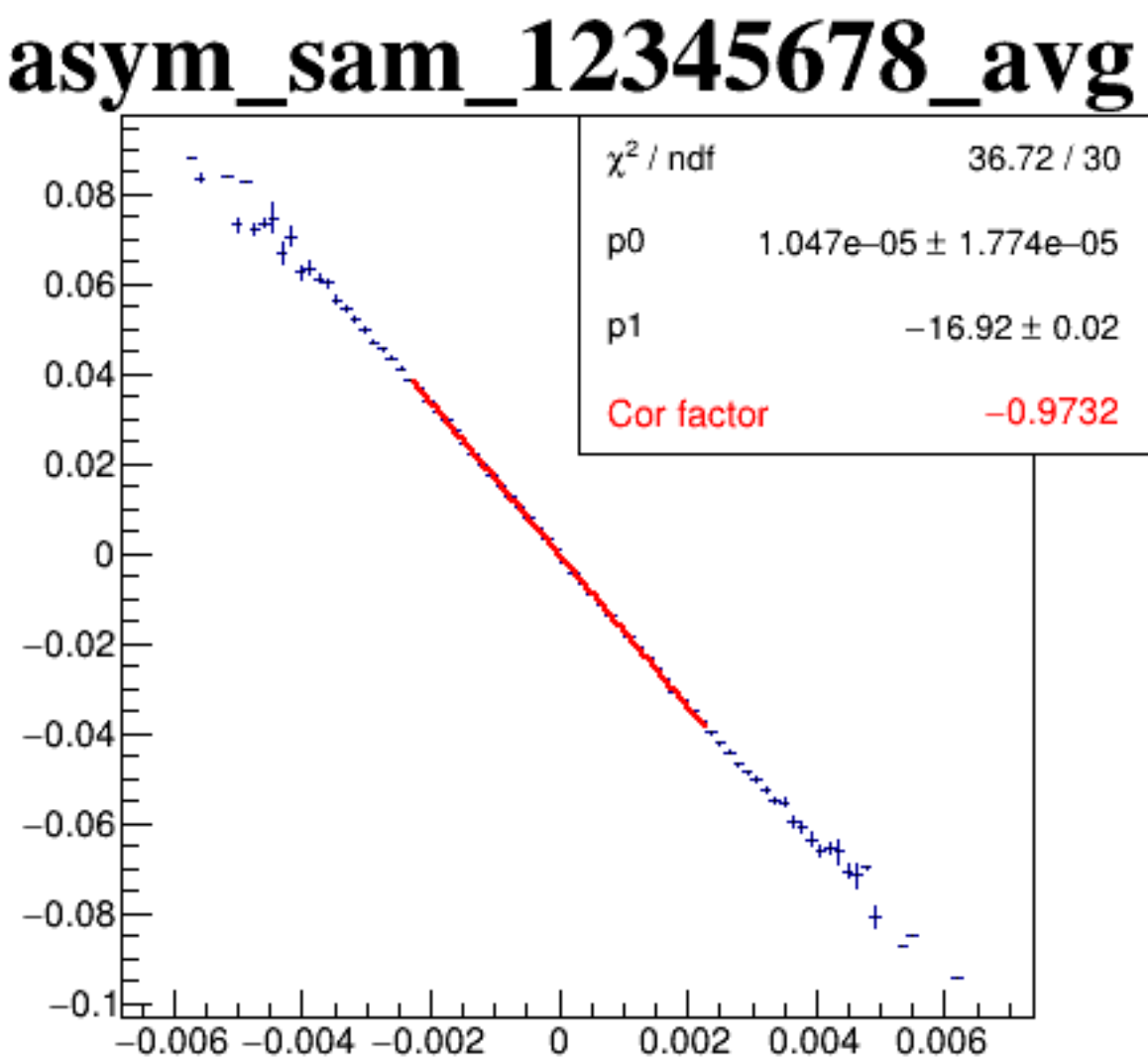
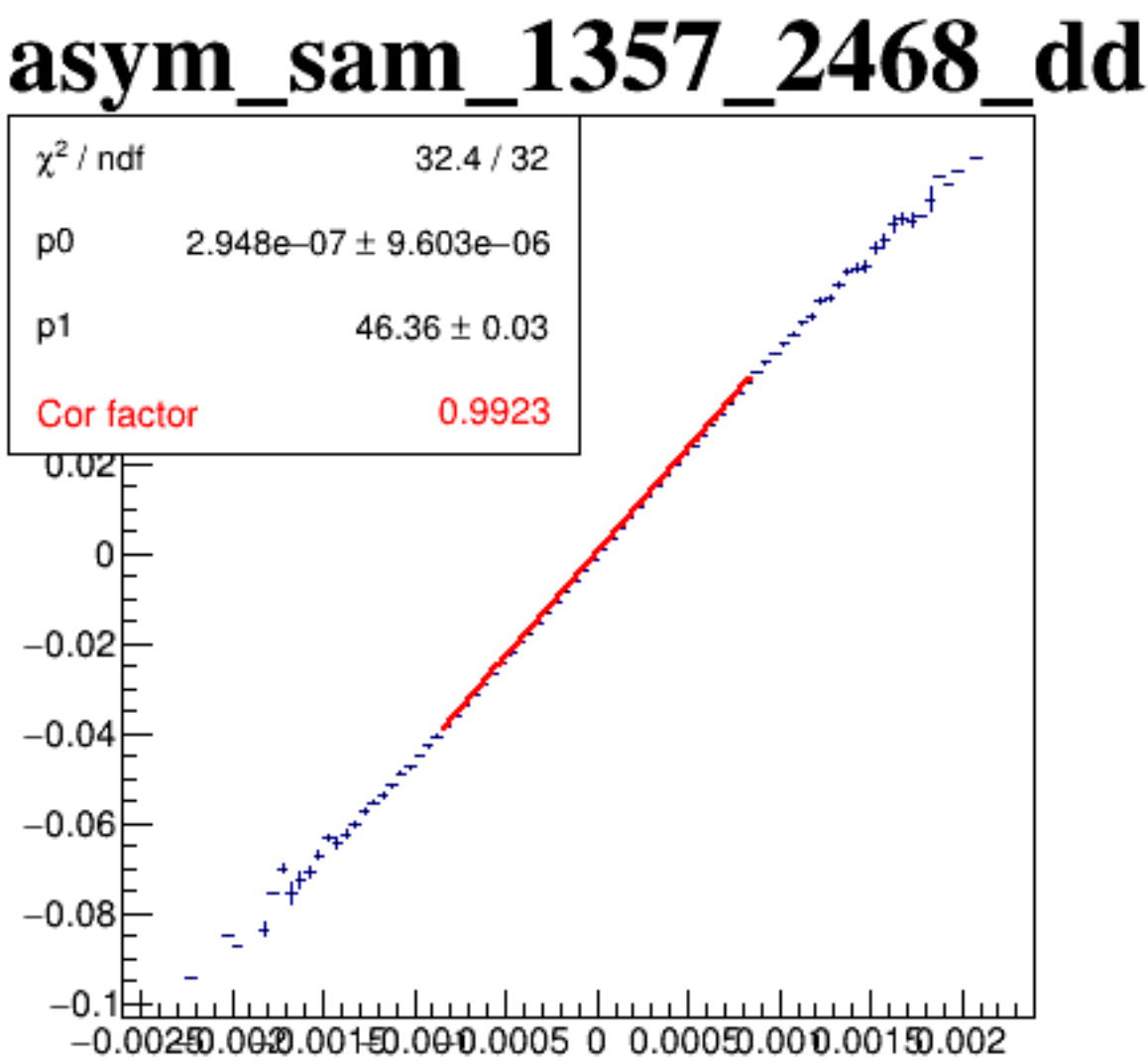
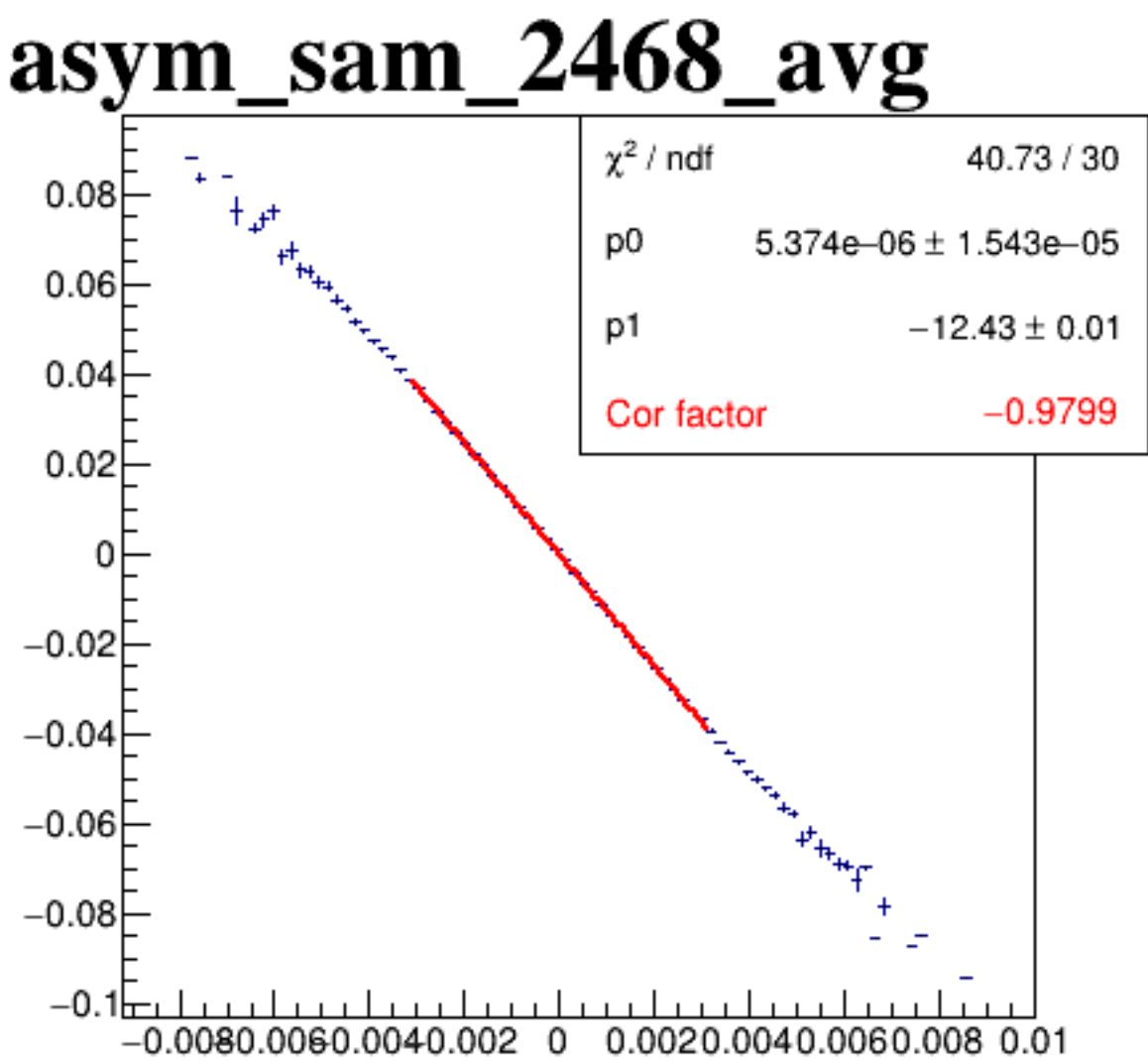
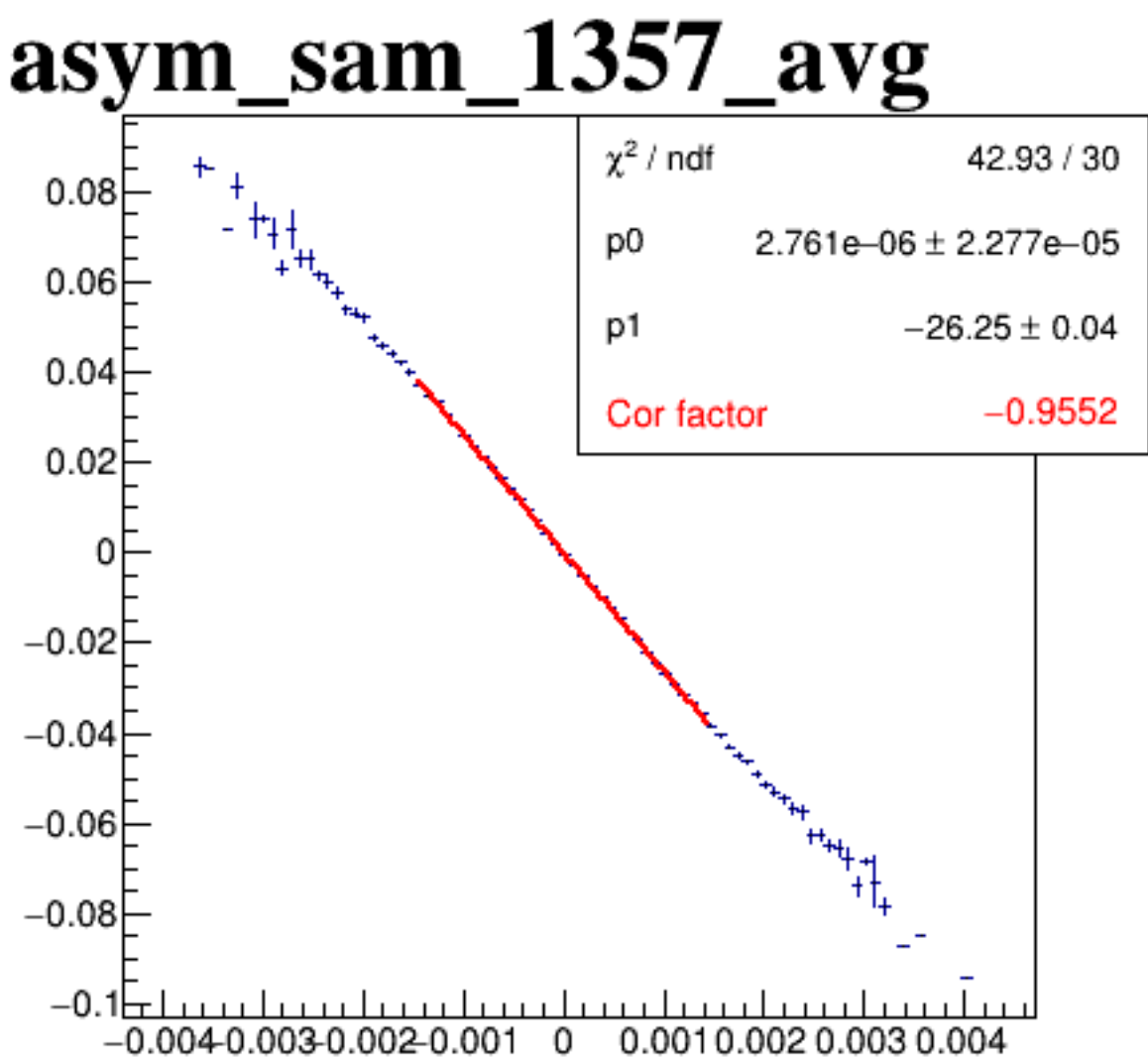
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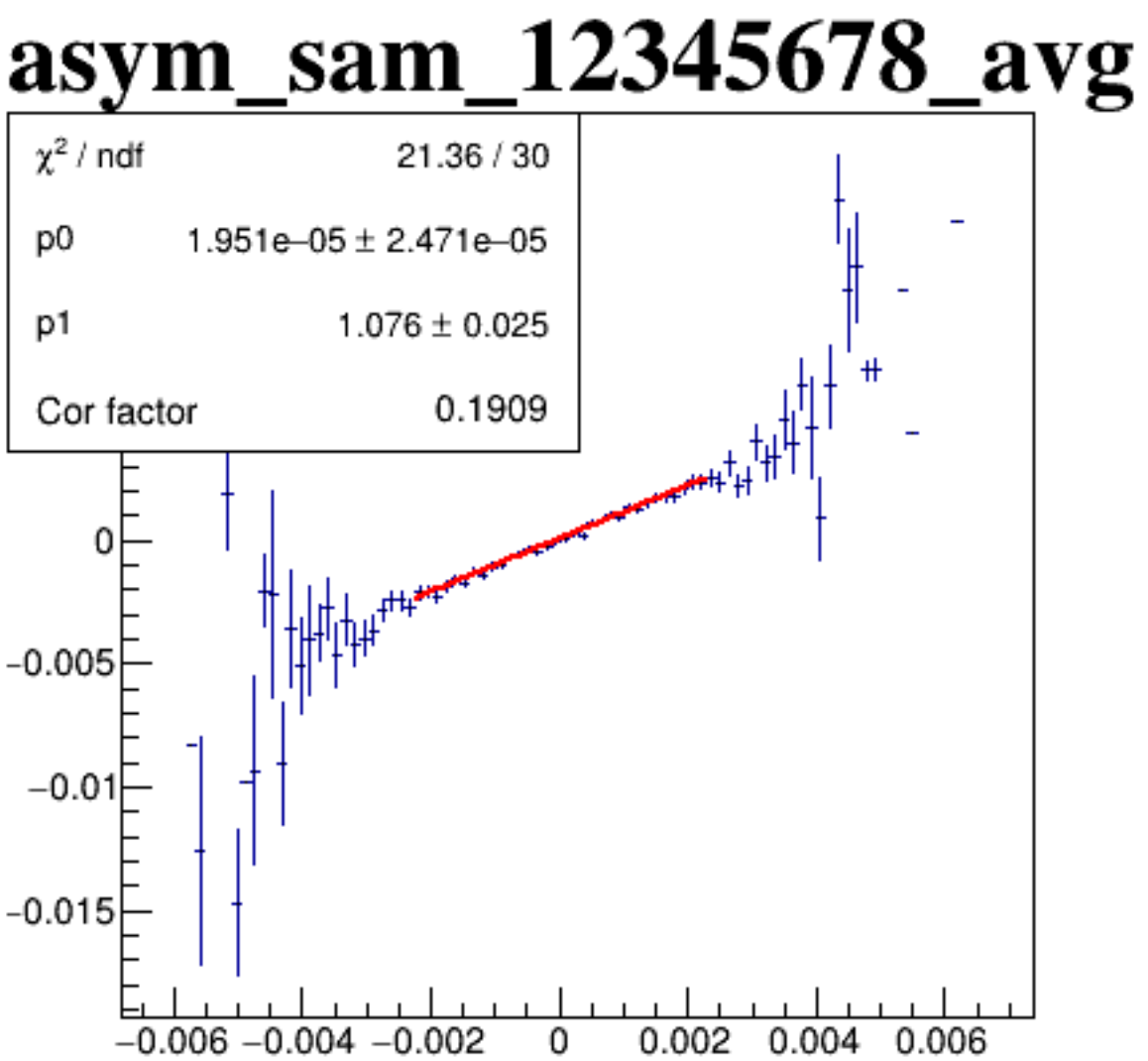
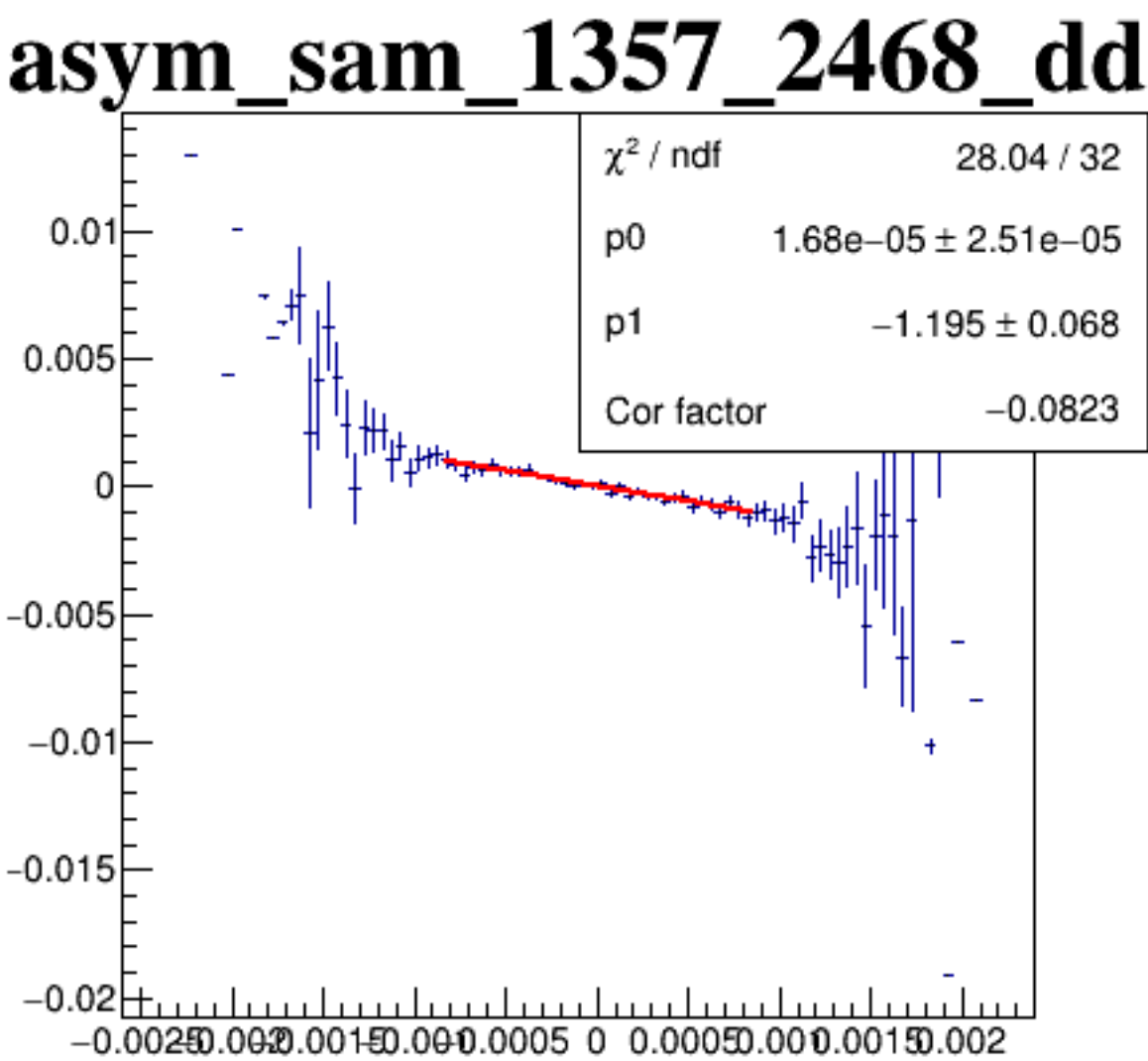
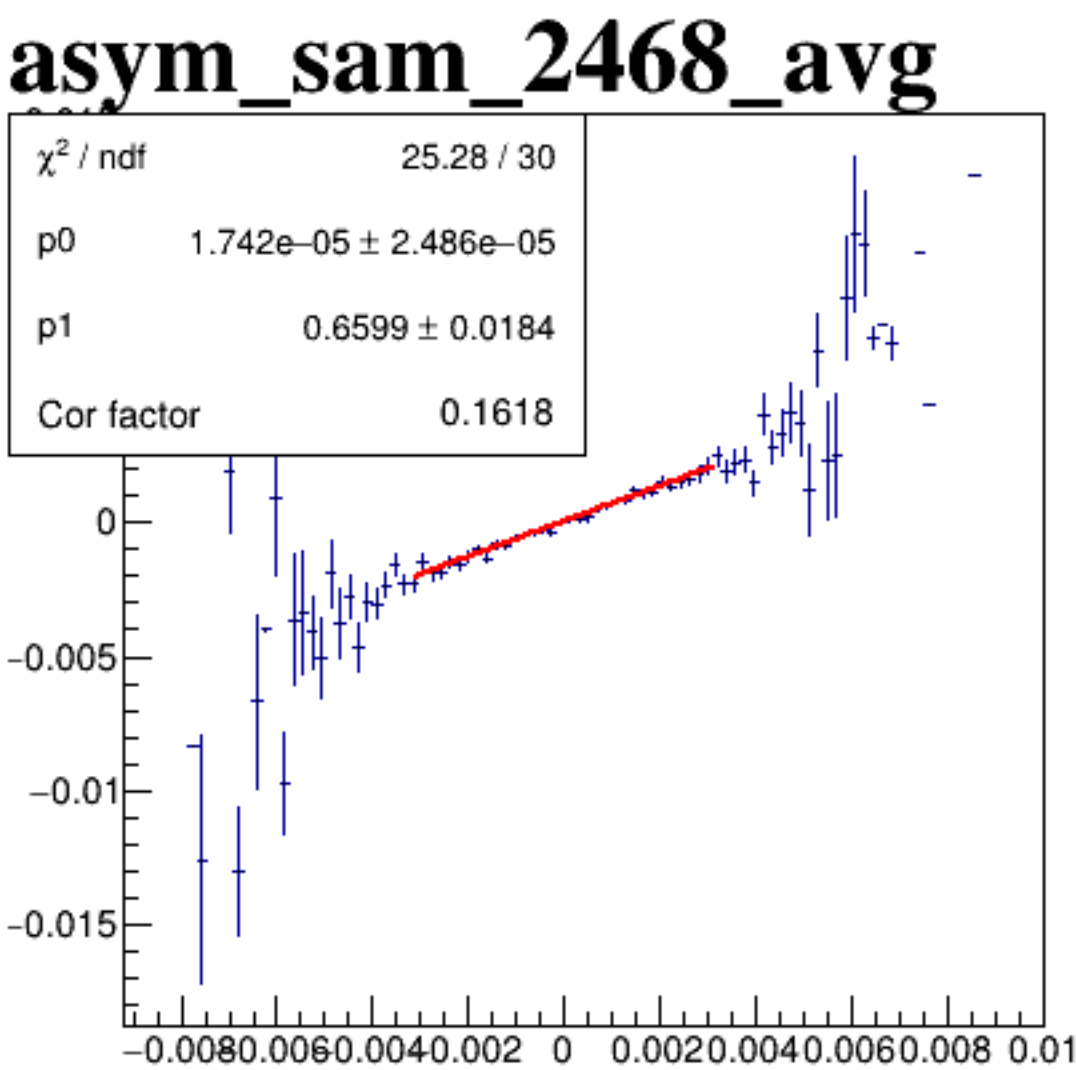
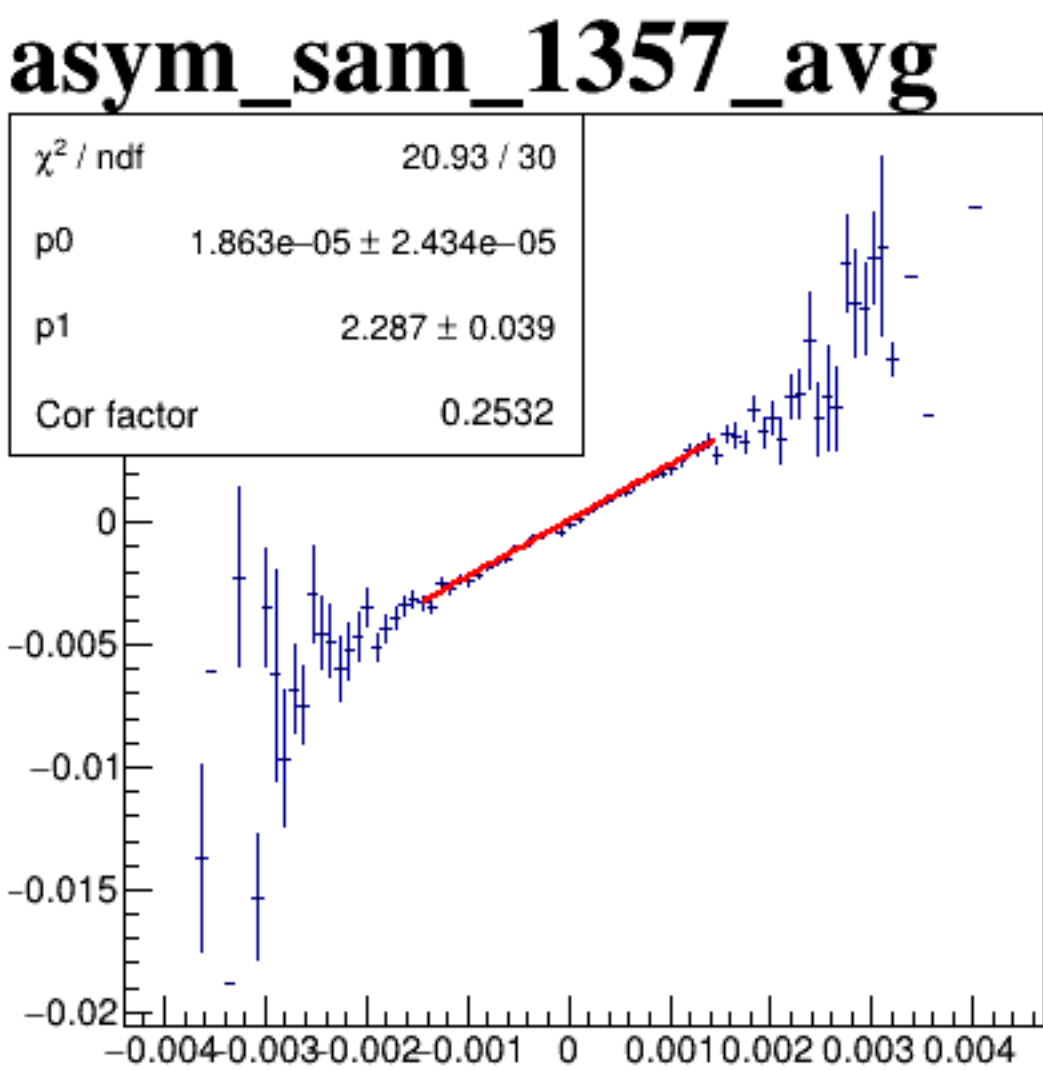
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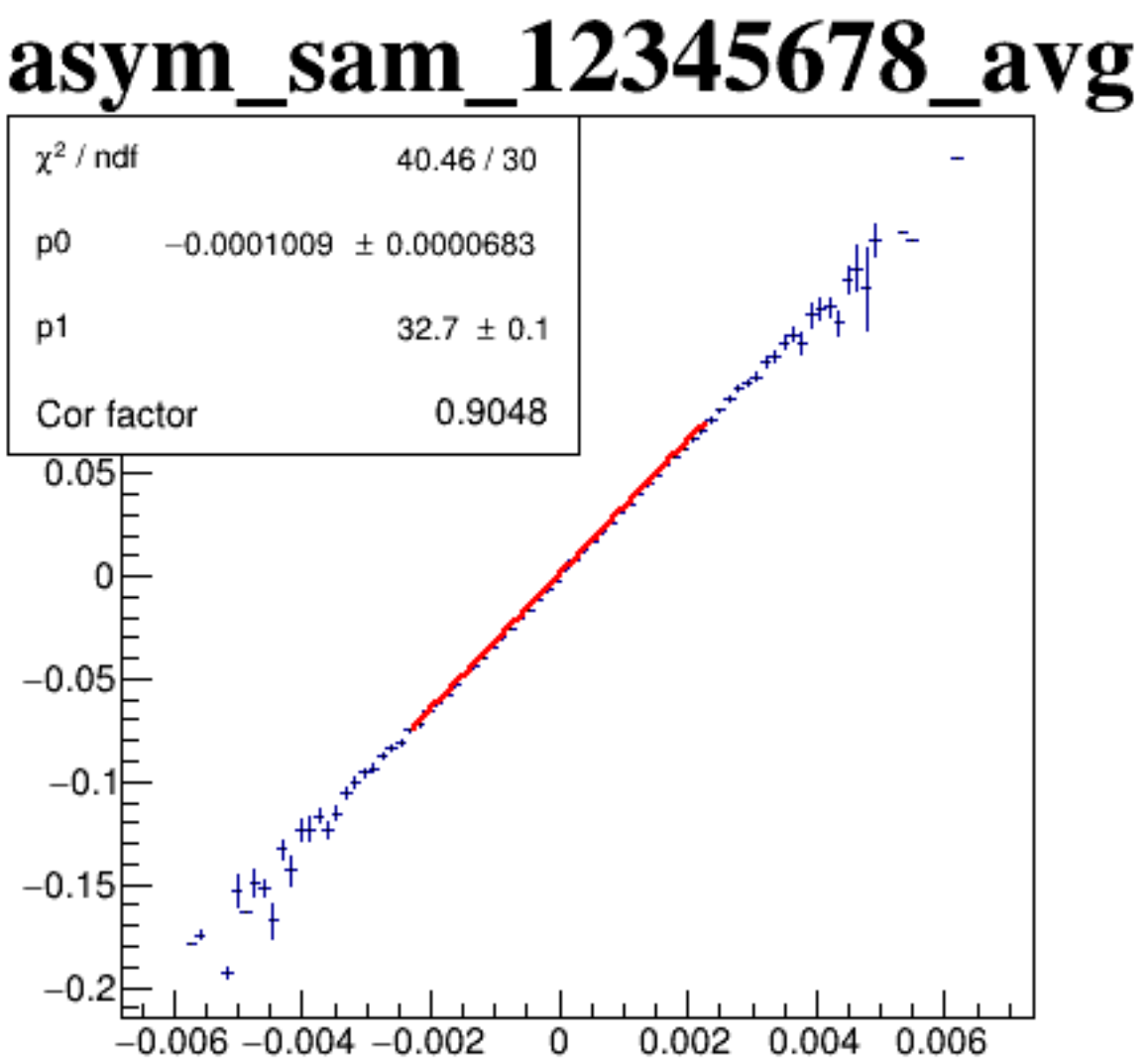
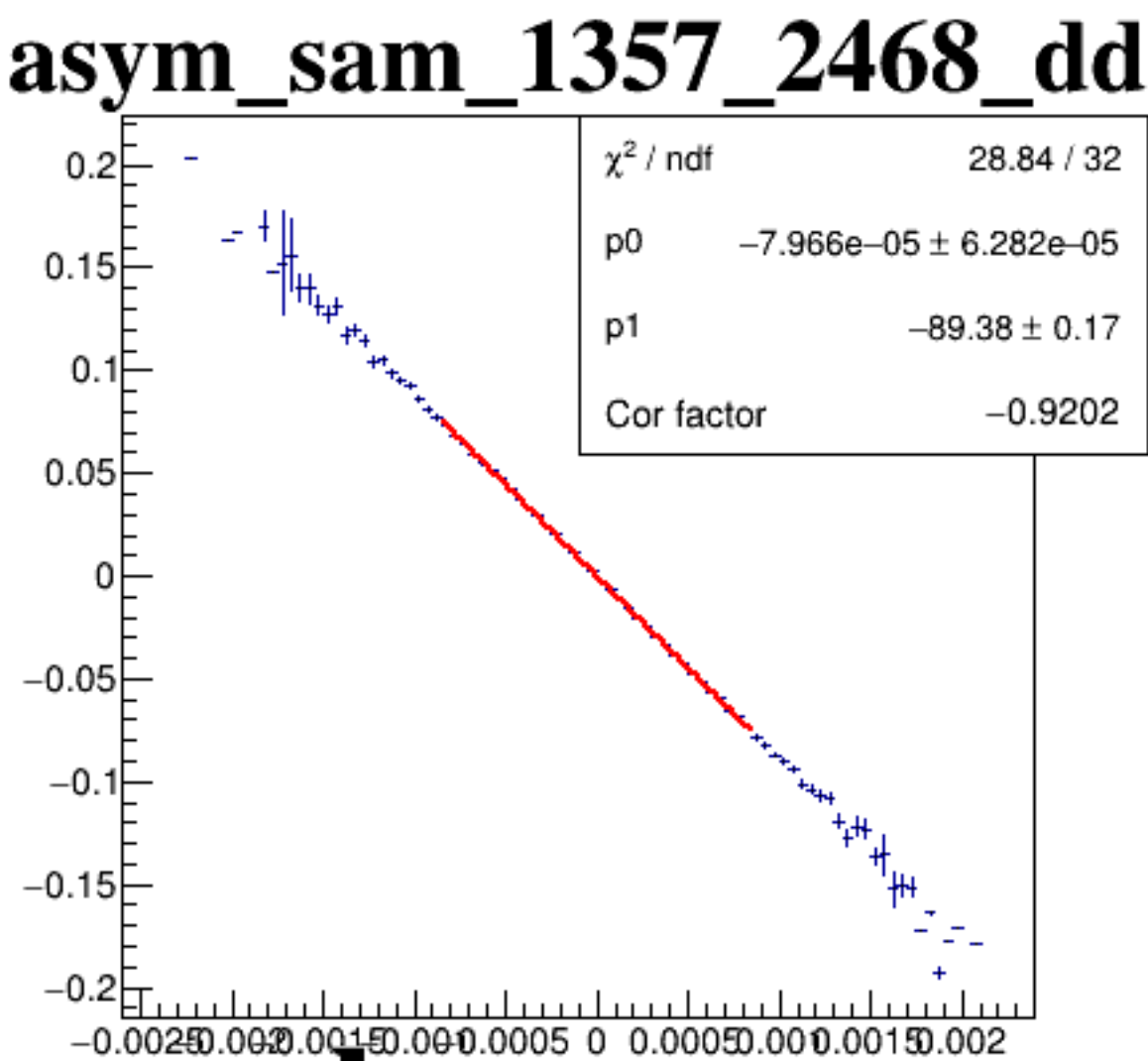
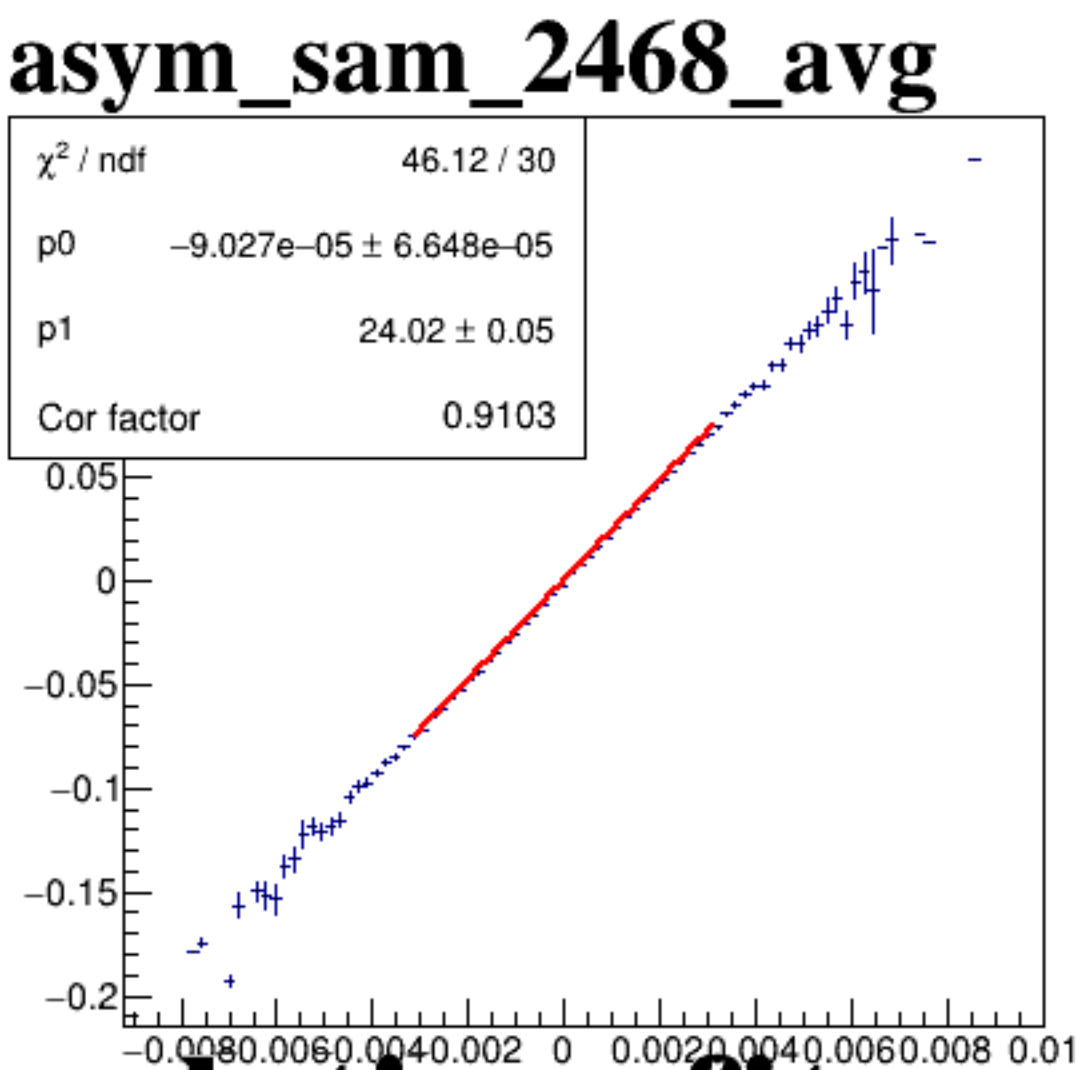
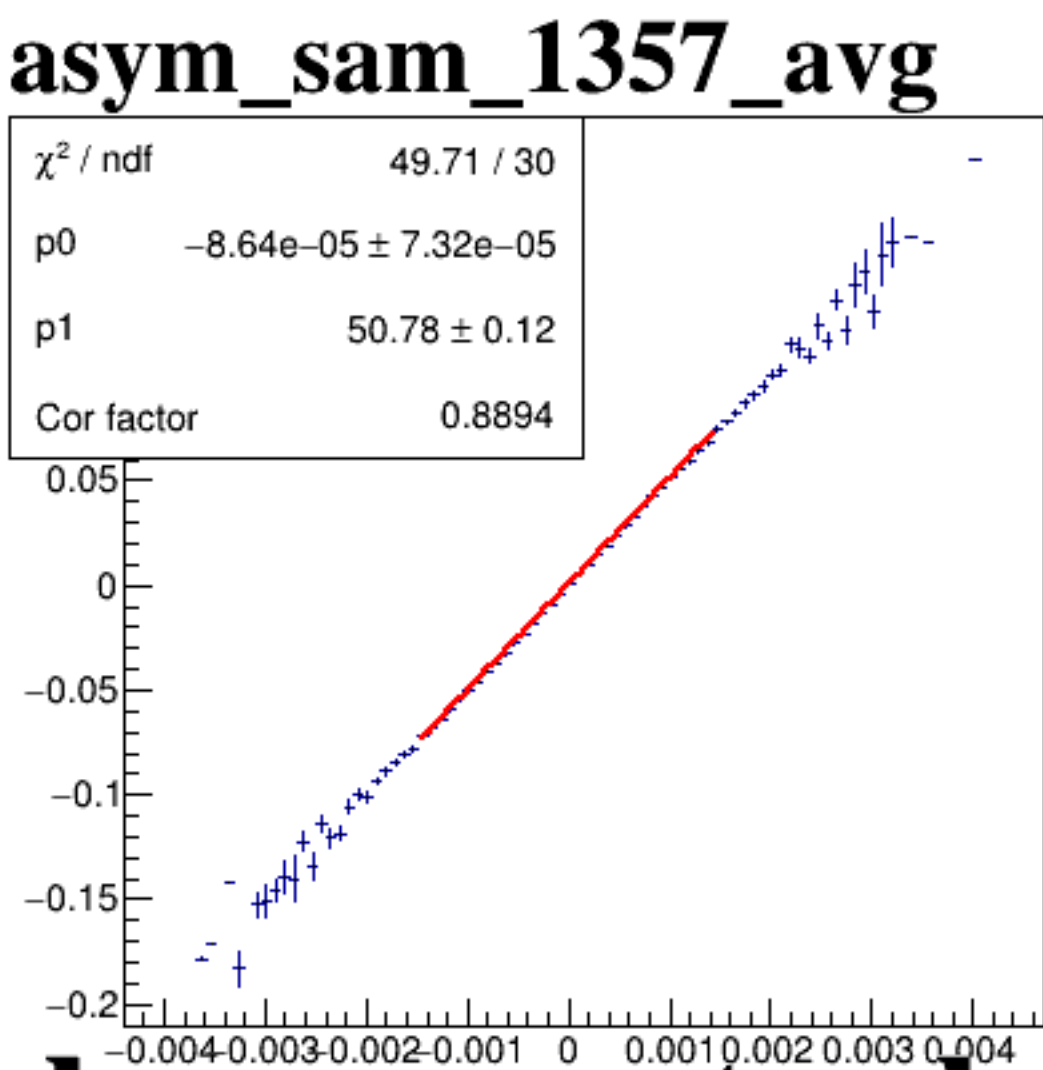
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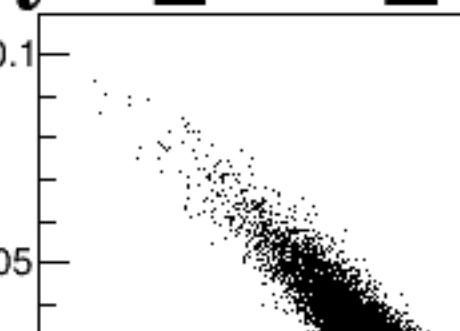


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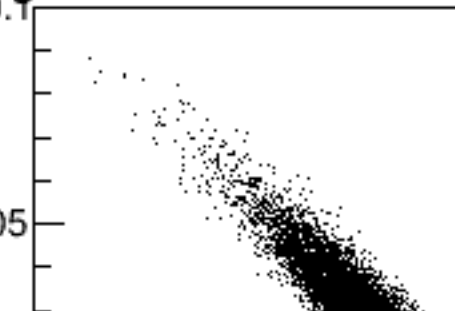
diff_bpm12X





A scatter plot showing the relationship between `mulc.asym_sam_12345678_avg` (x-axis) and `asym_sam_12345678_avg` (y-axis). The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.1 to 0.1. 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_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 of the asymmetry parameter for the sample, $\text{asym_sam}_{12345678_avg}$, and the average of the asymmetry parameter for the multiplexed sample, $\text{mulc.asym_sam}_{12345678_avg}$. The plot shows a strong positive linear correlation, with data points tightly clustered along a diagonal line from the bottom-left to the top-right. The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.1 to 0.1.