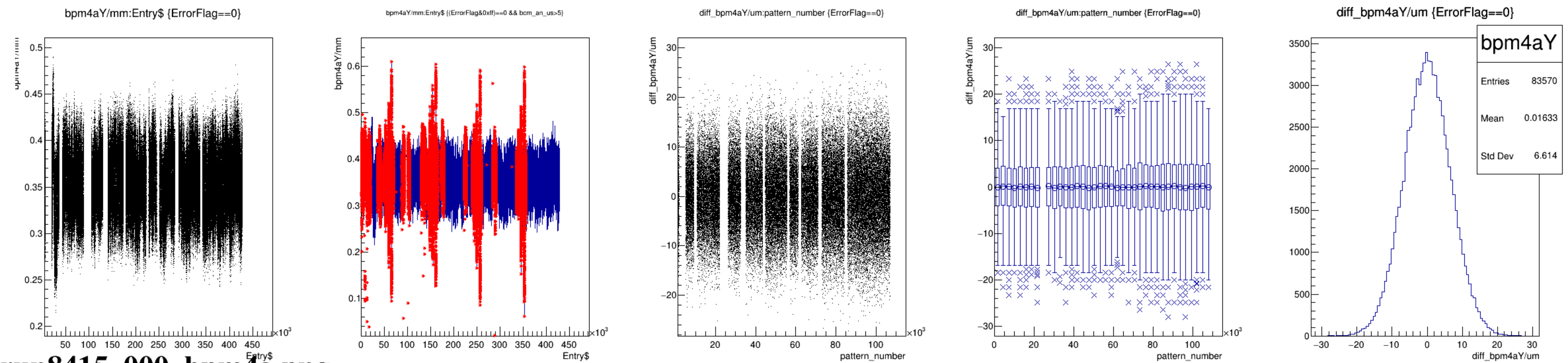
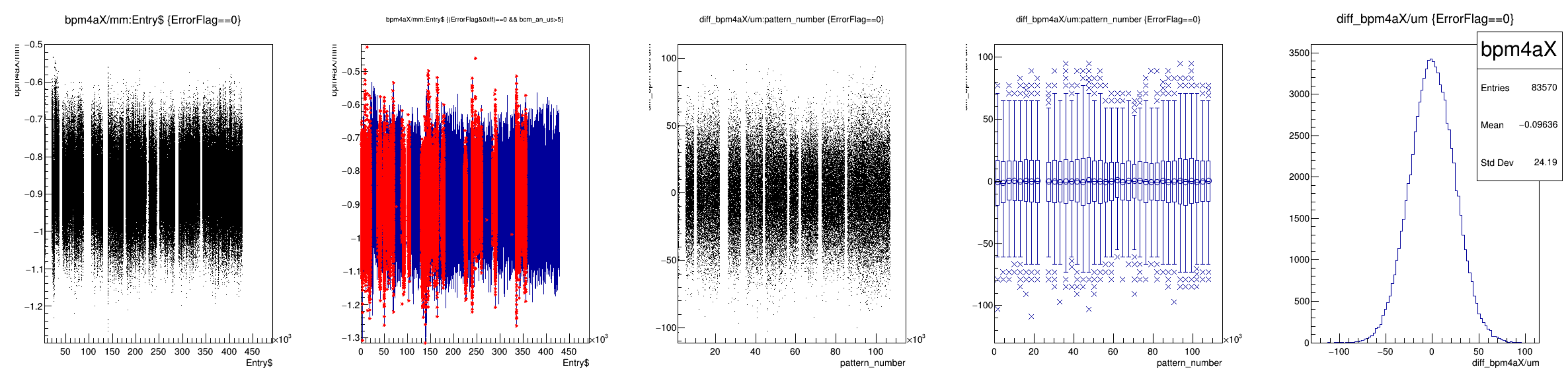
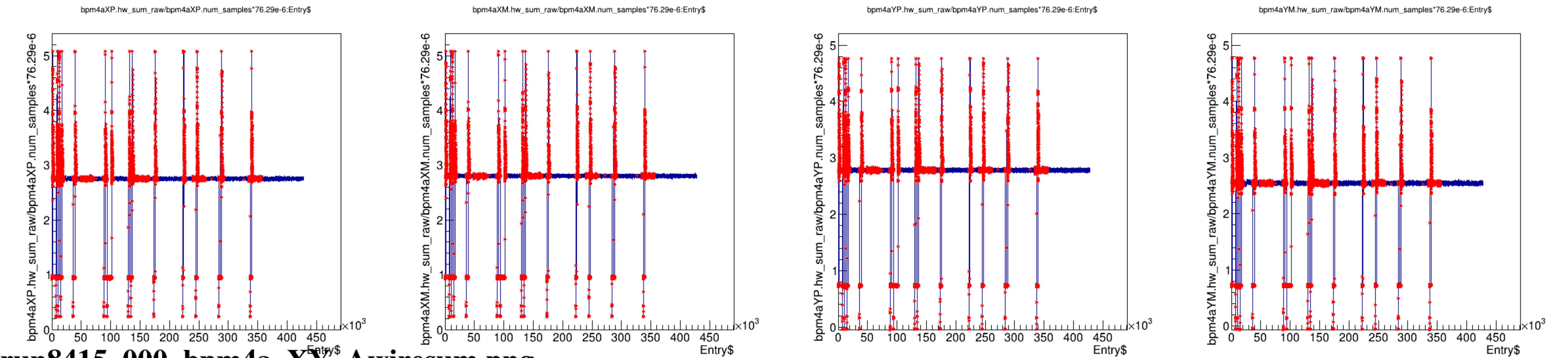
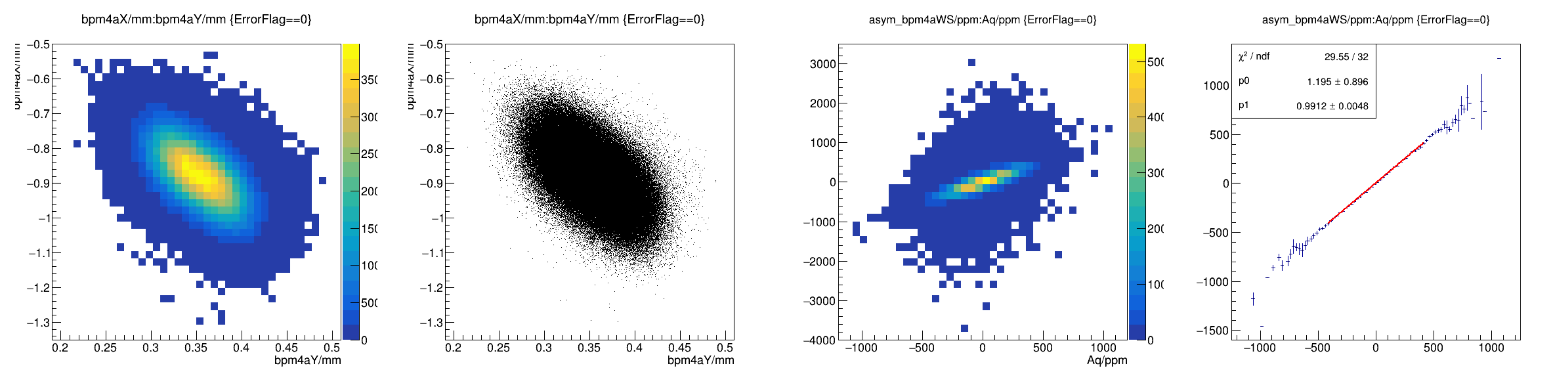
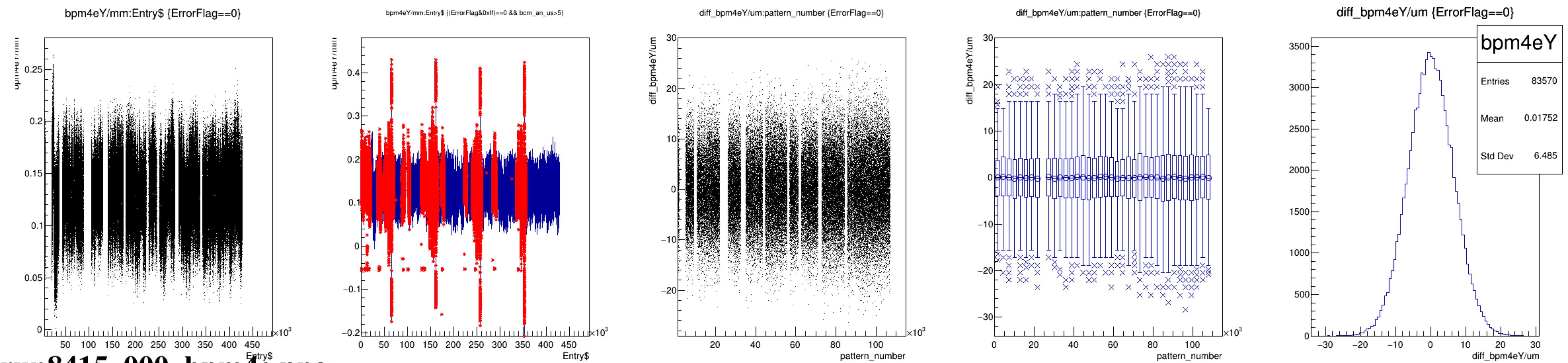
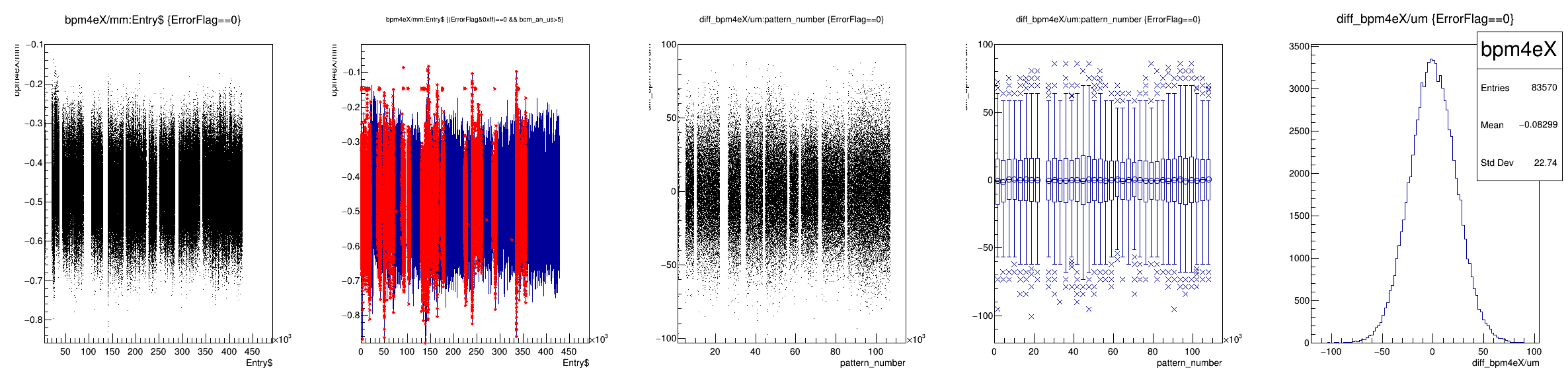
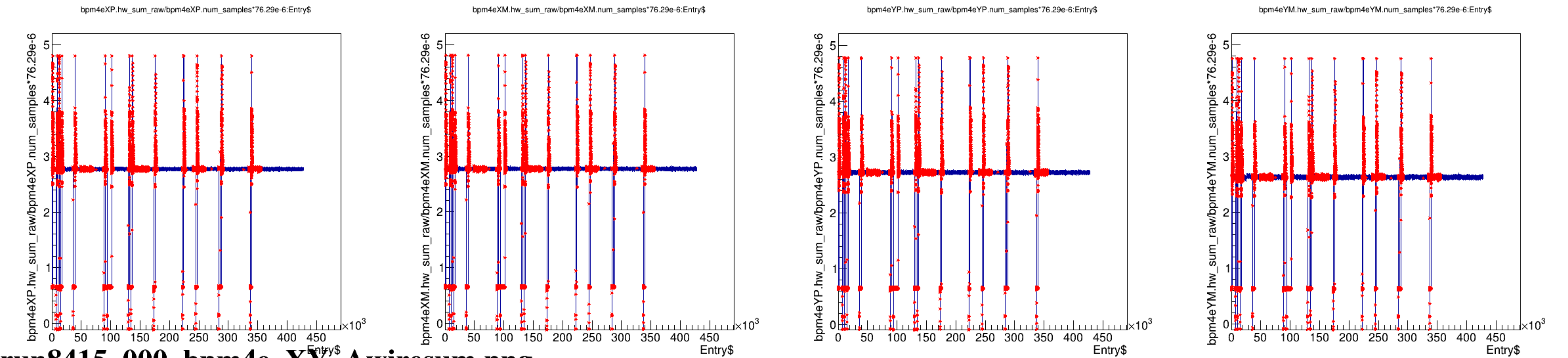
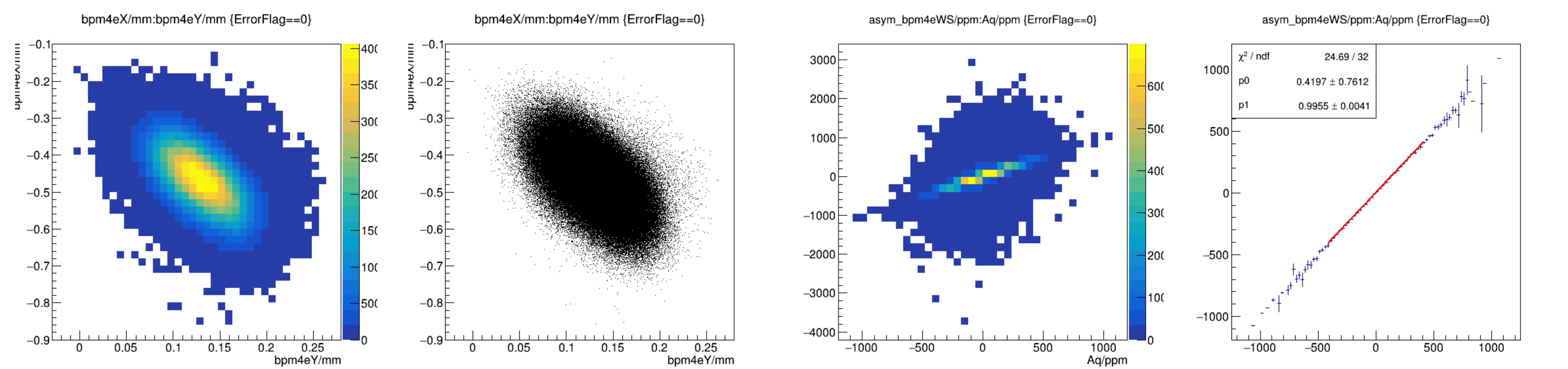


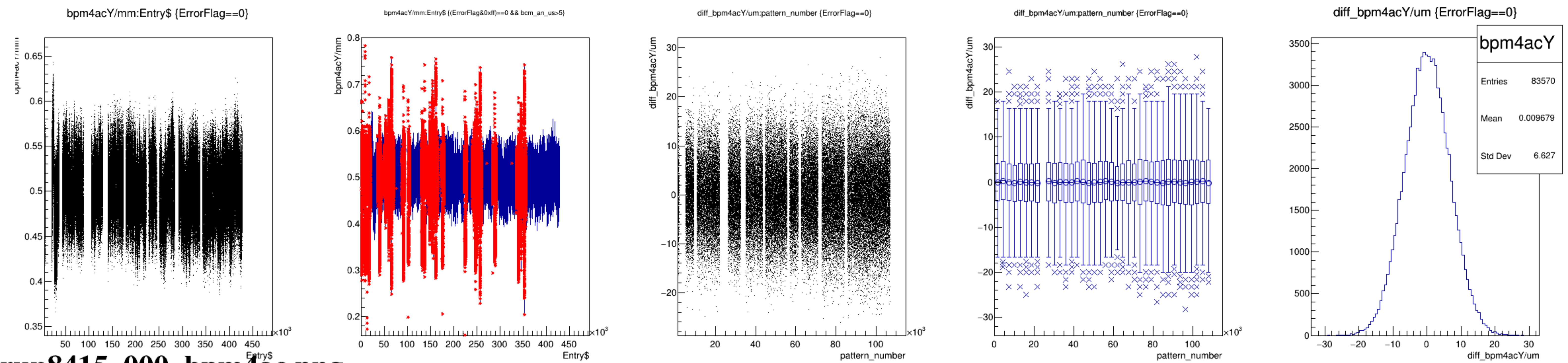
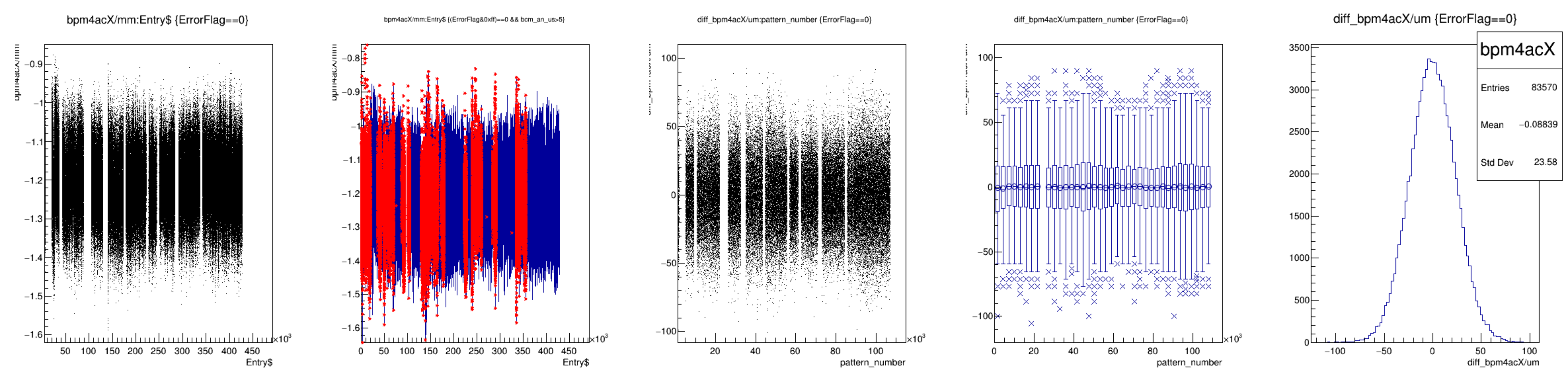


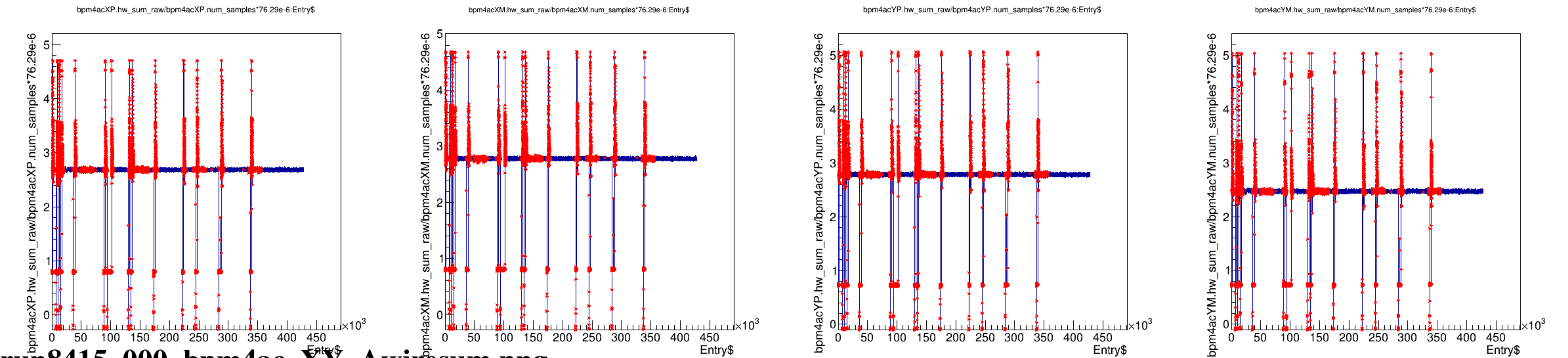
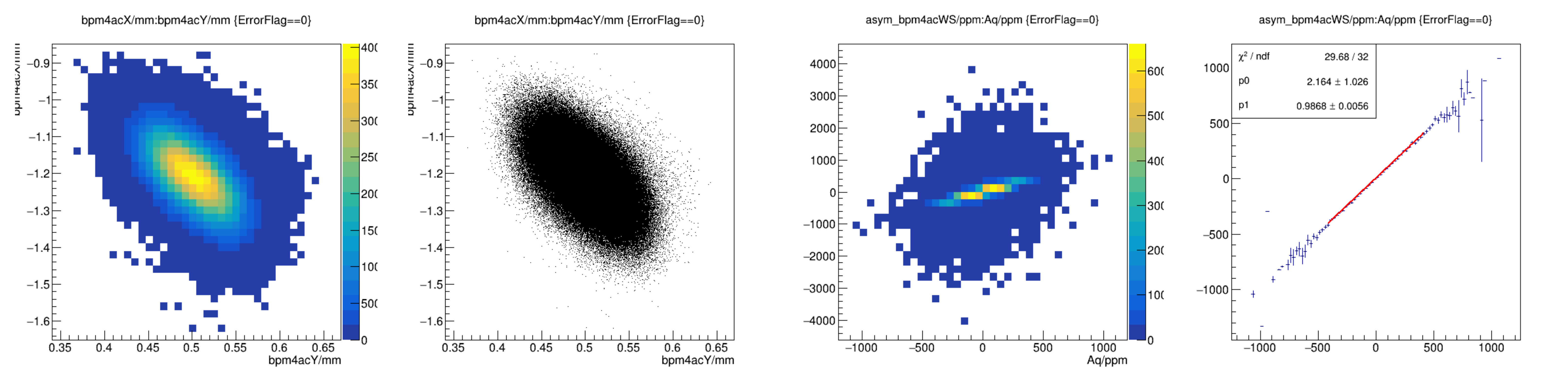


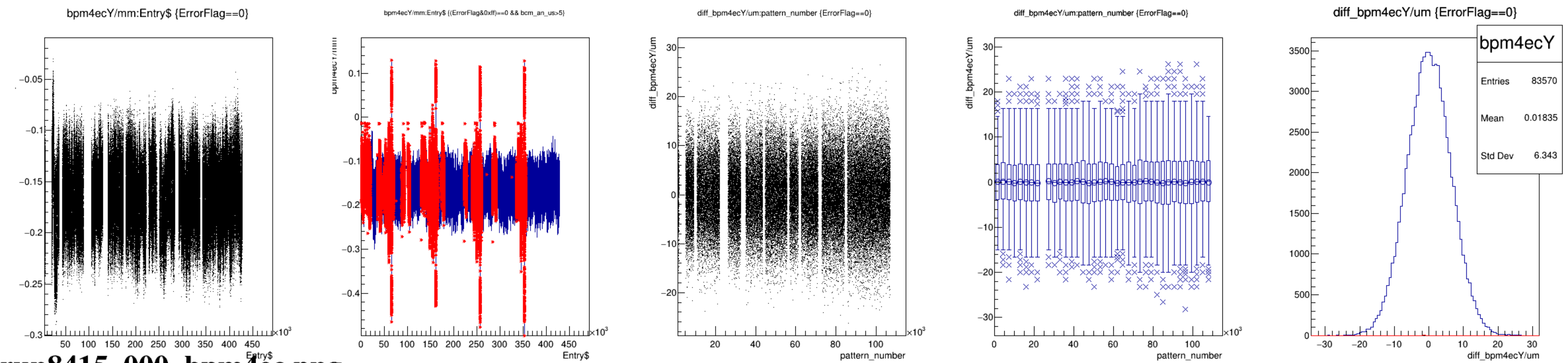
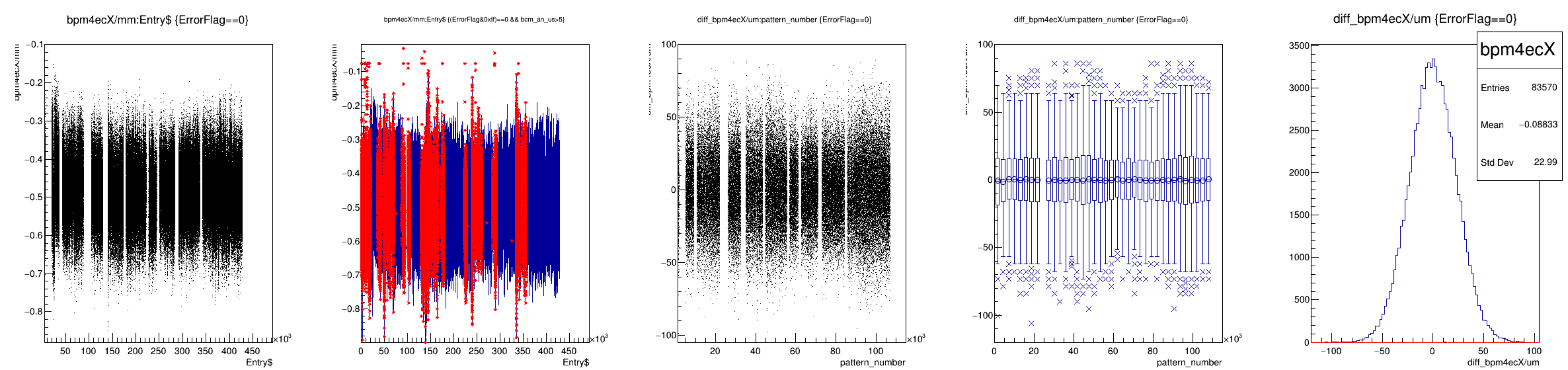


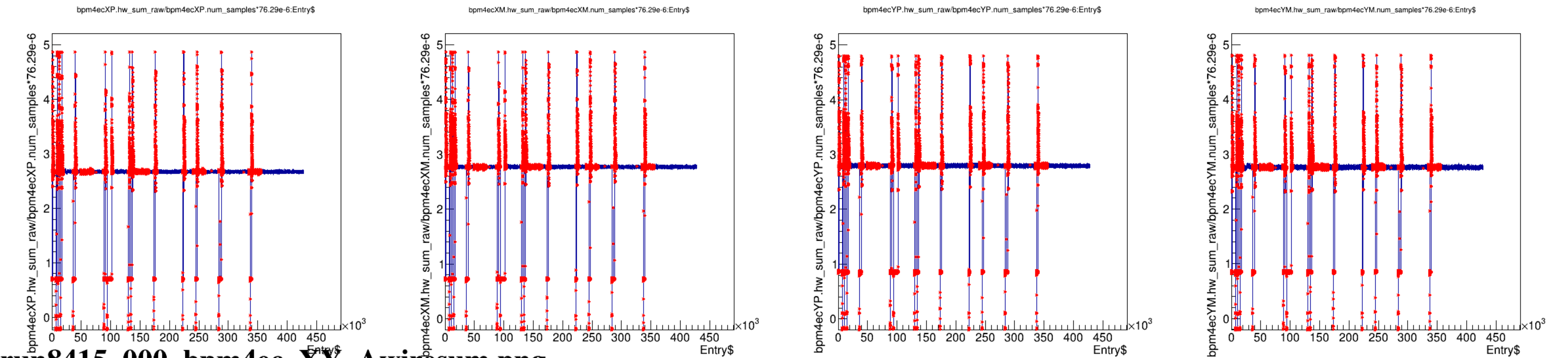
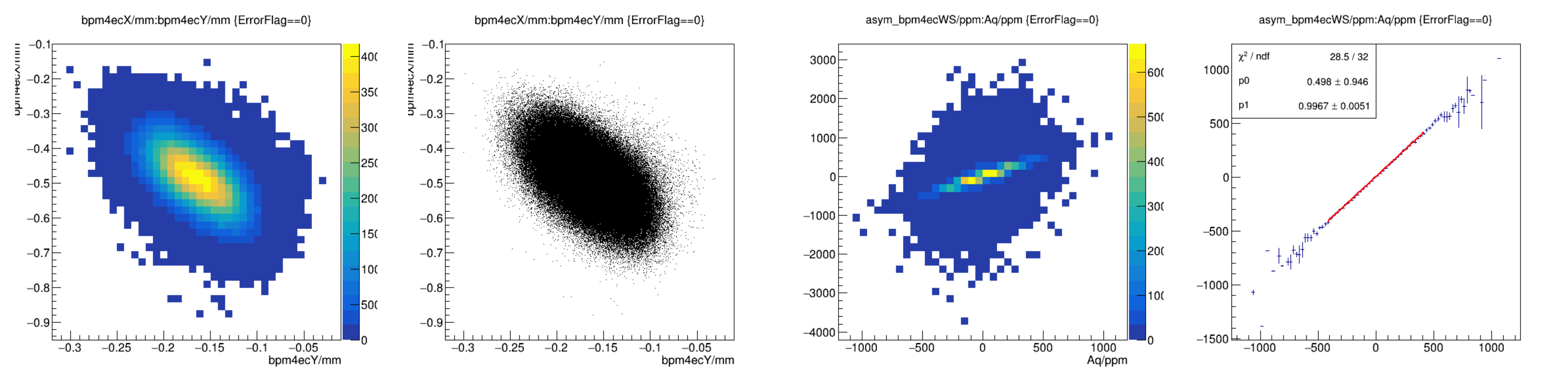


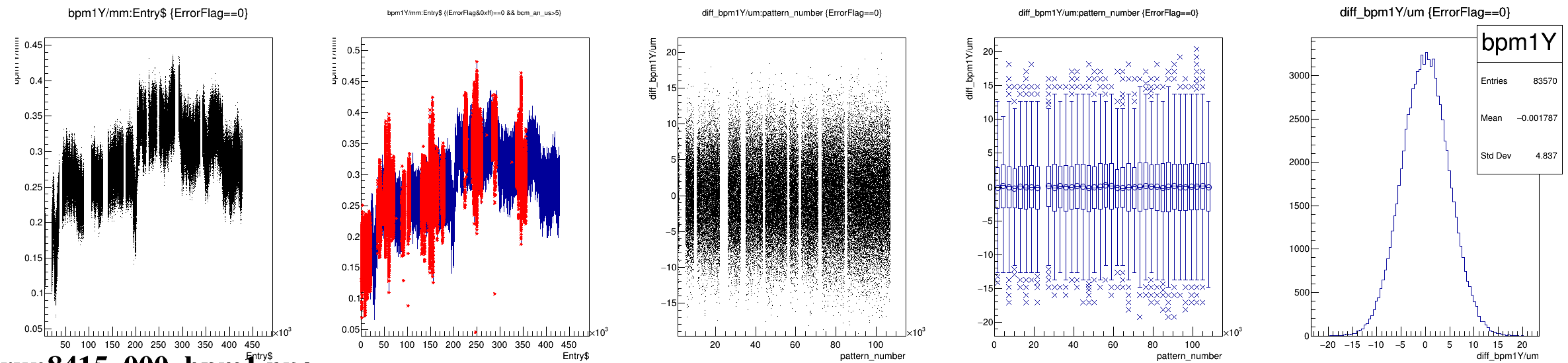
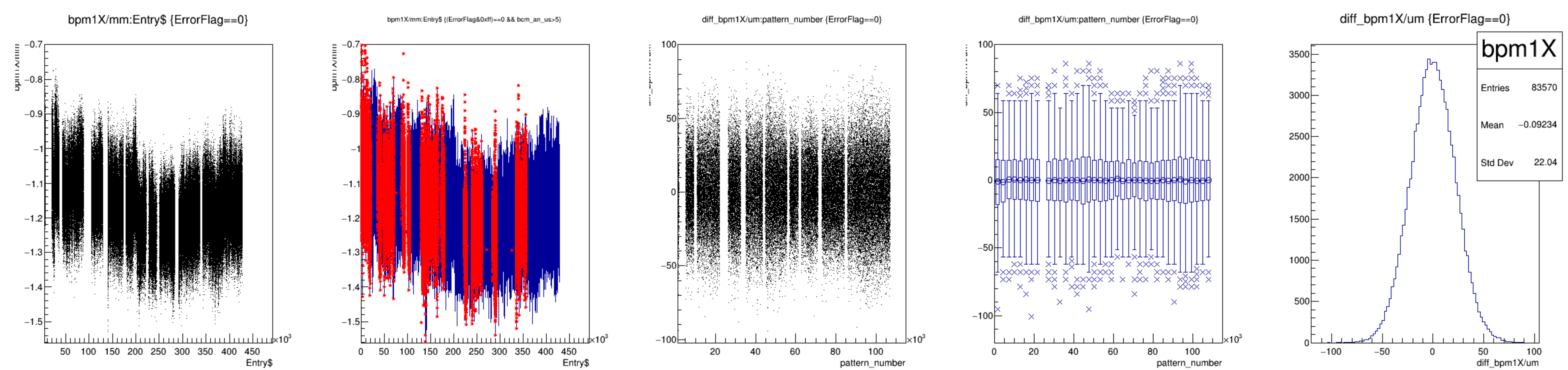
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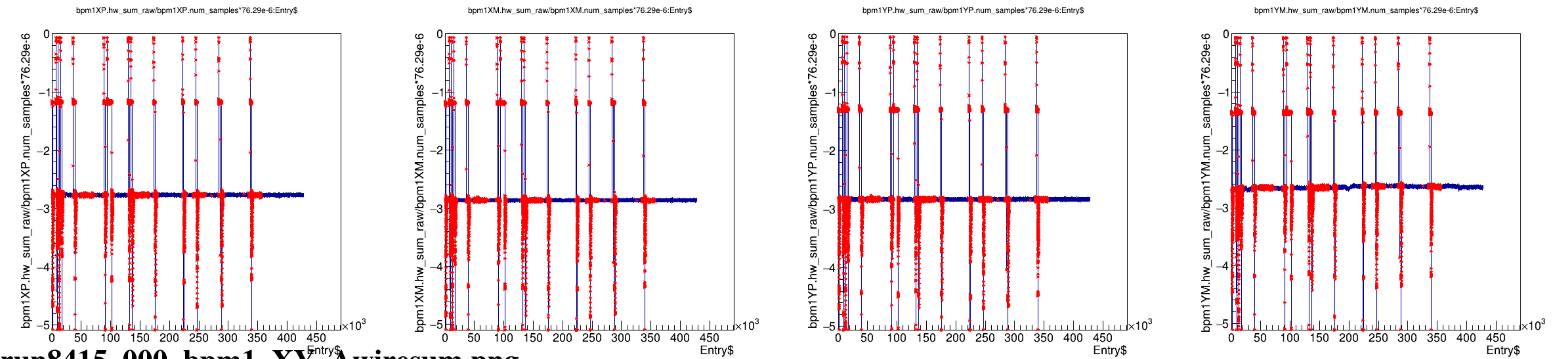
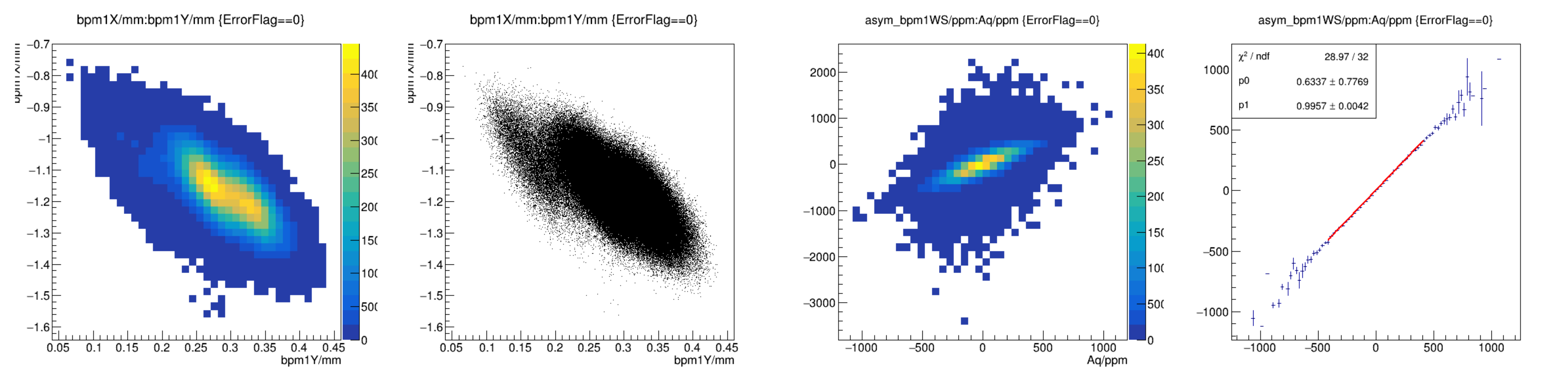


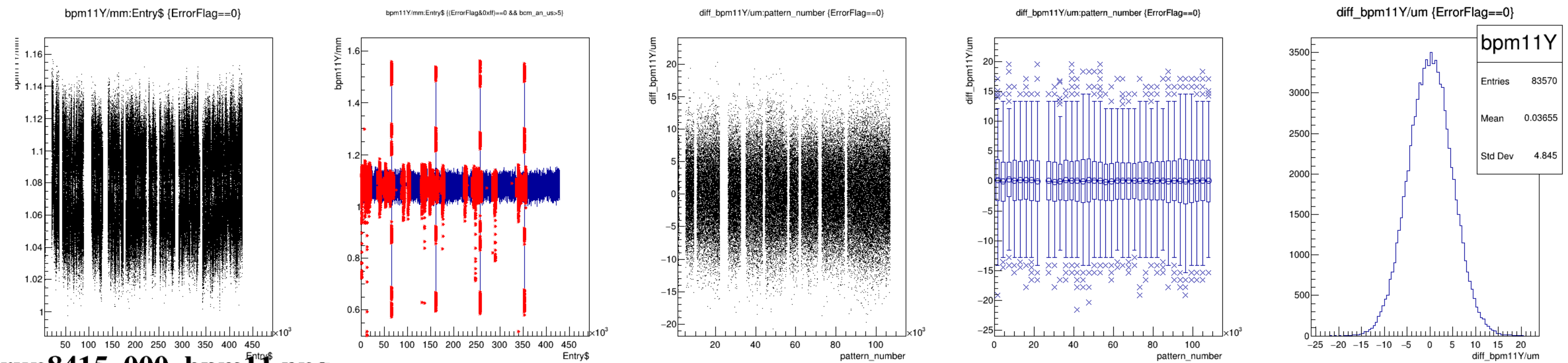
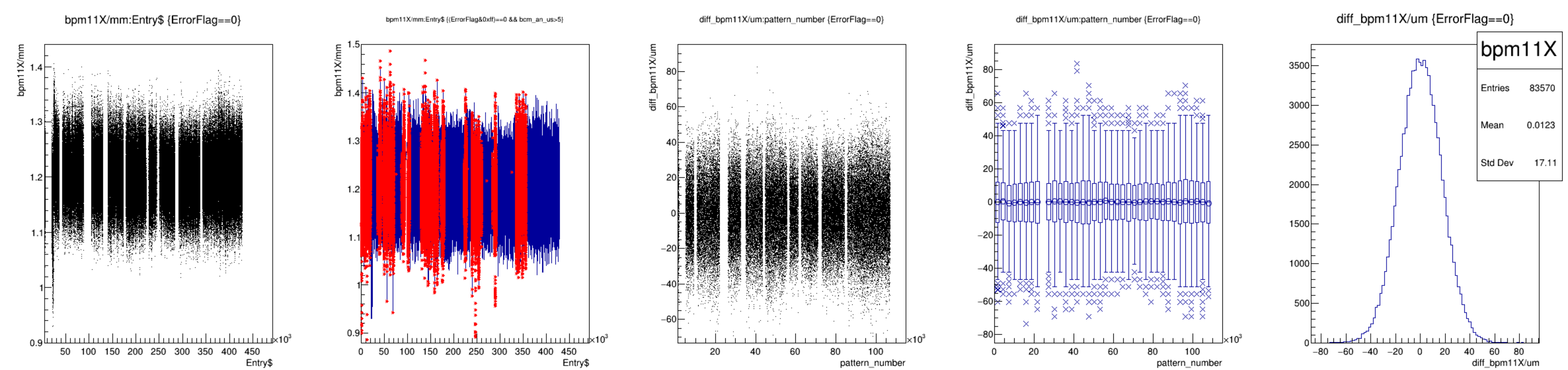


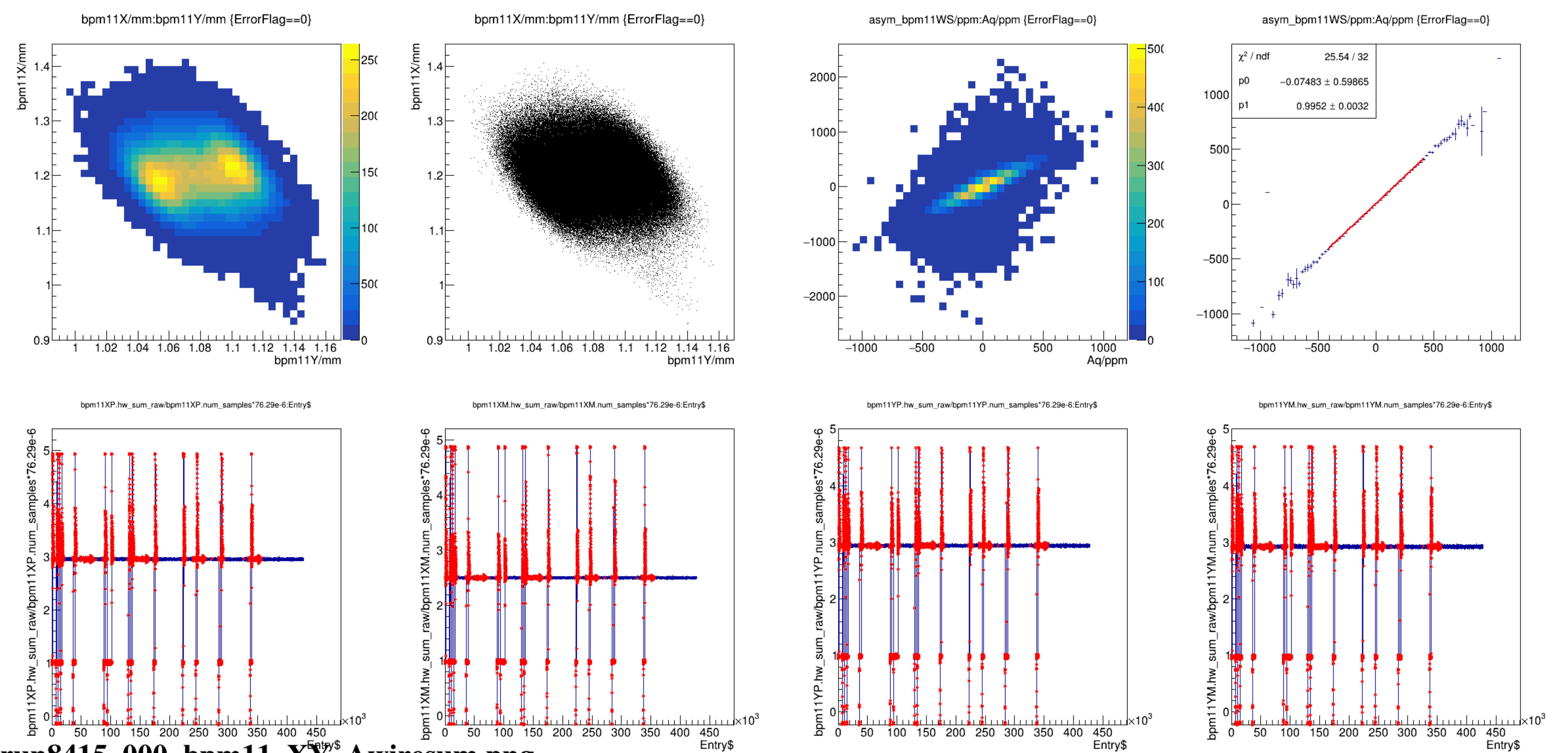


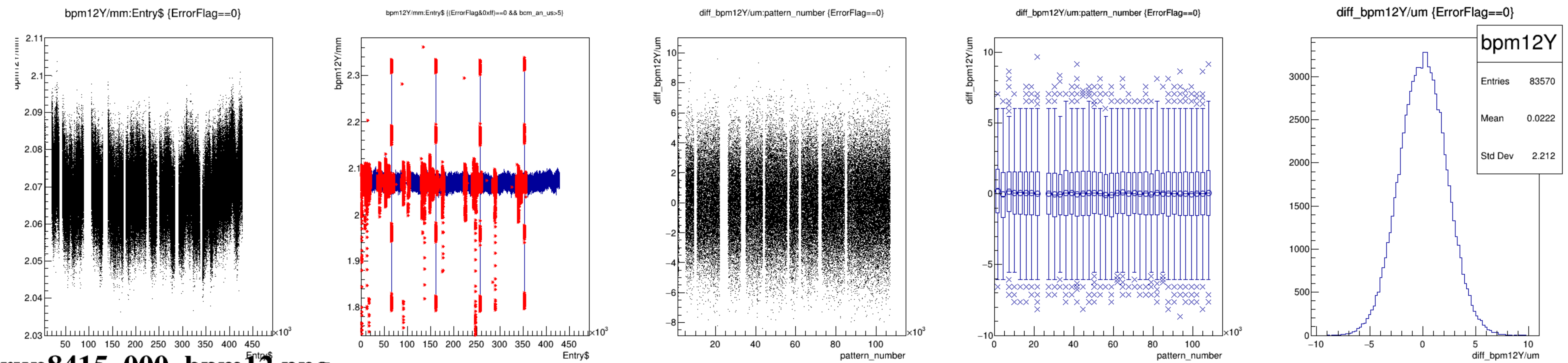
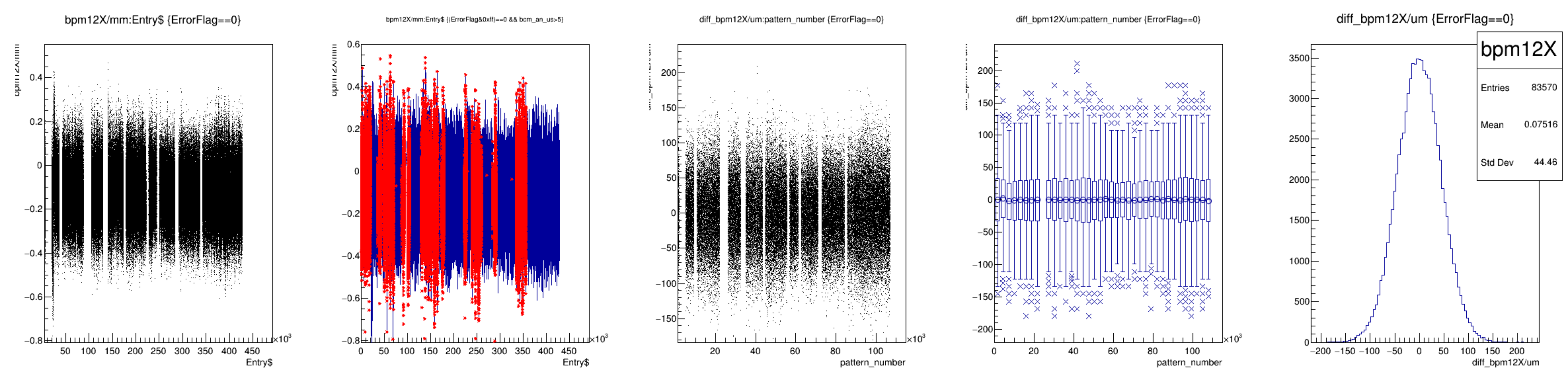


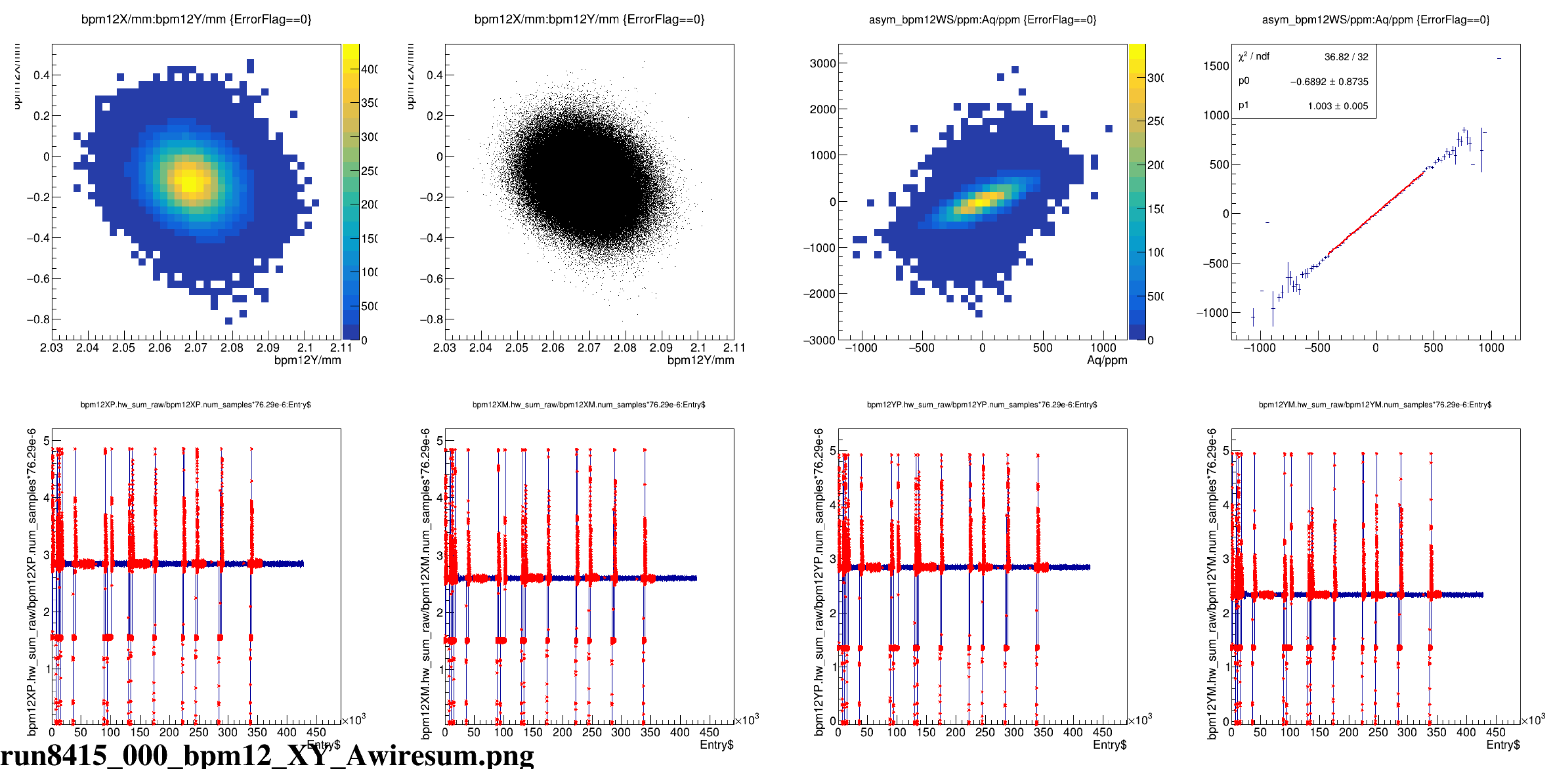


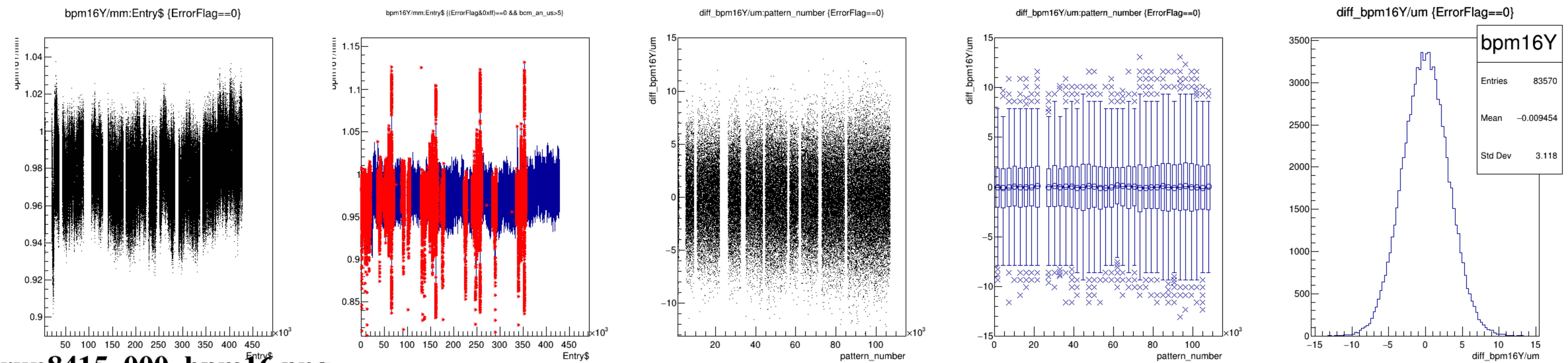
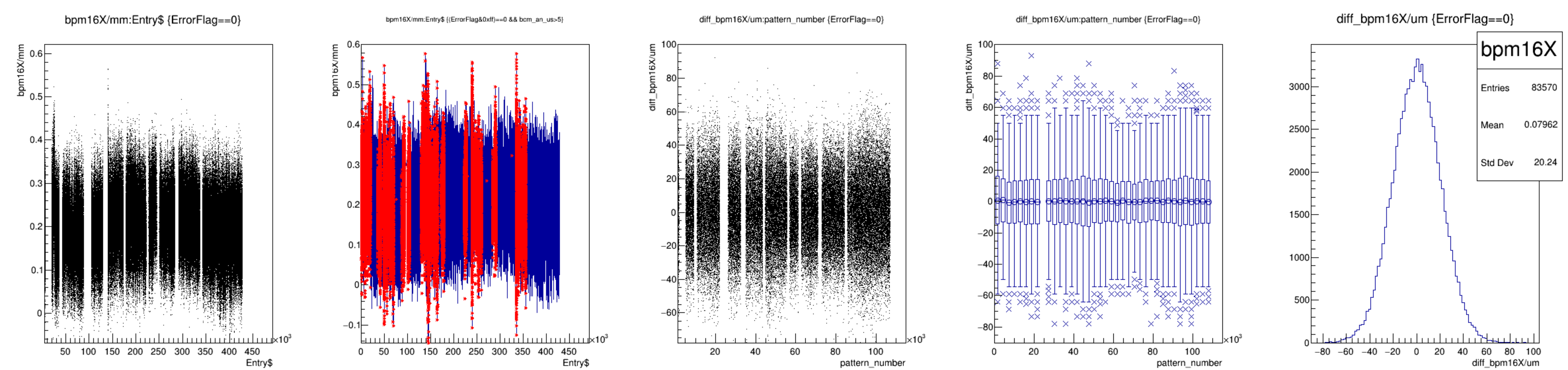


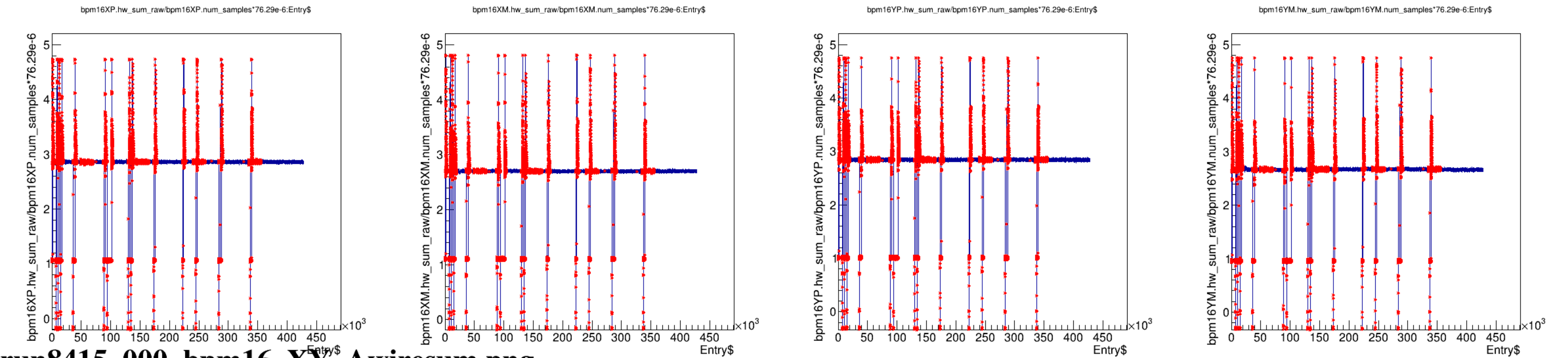
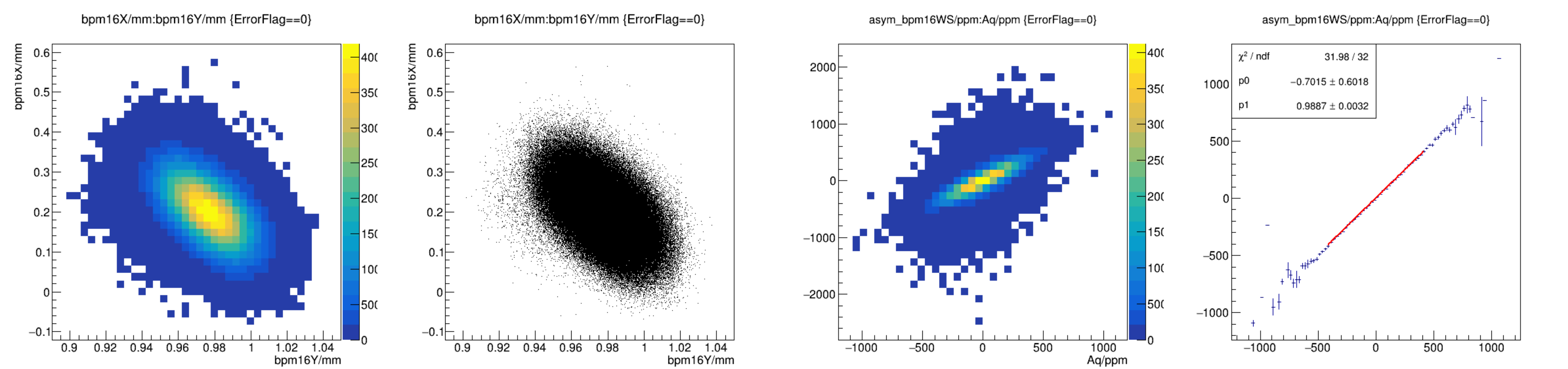




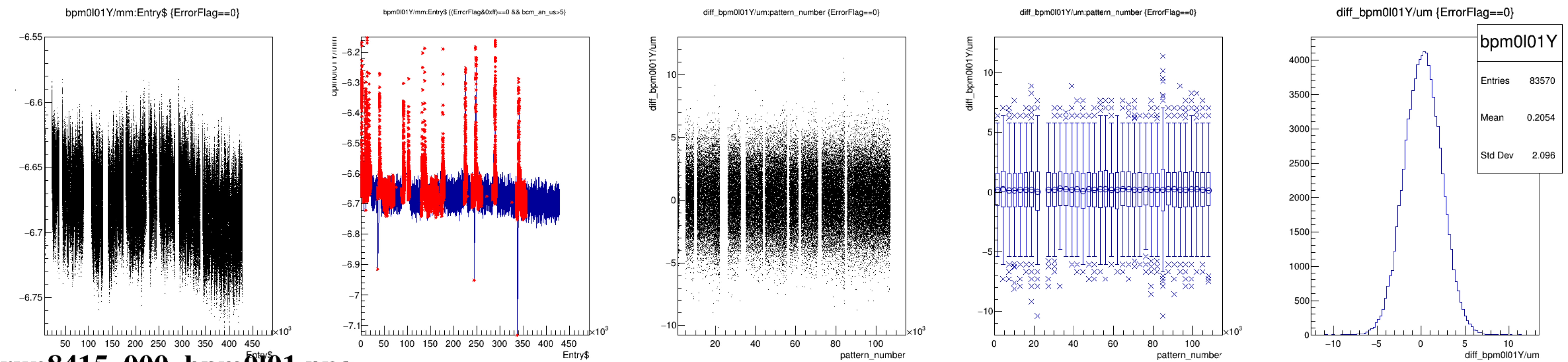
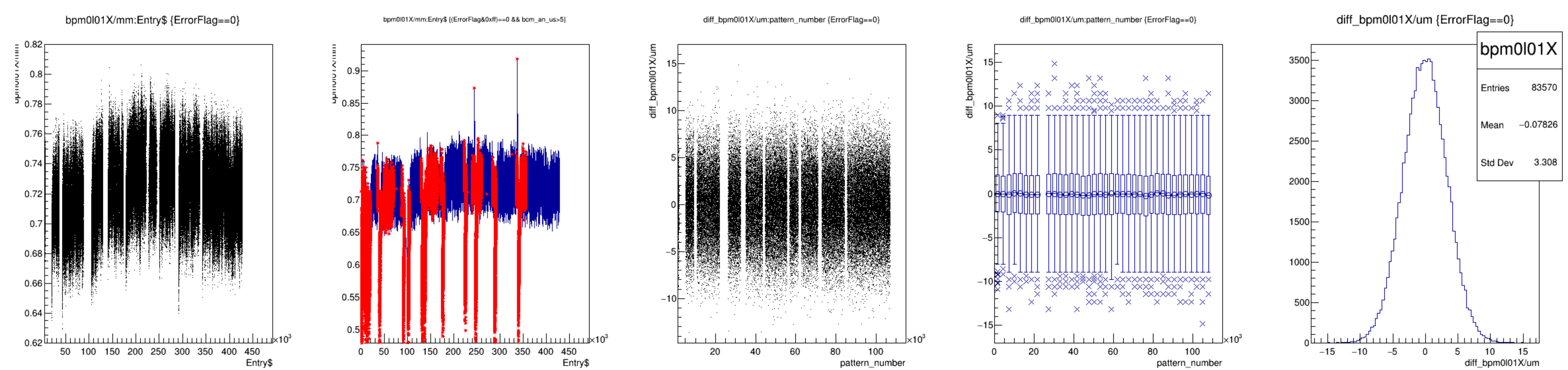


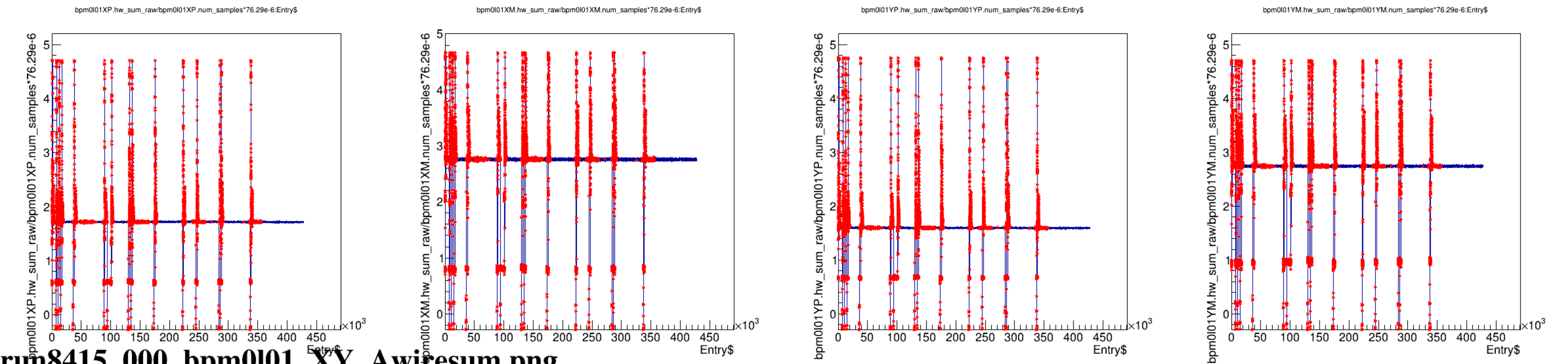
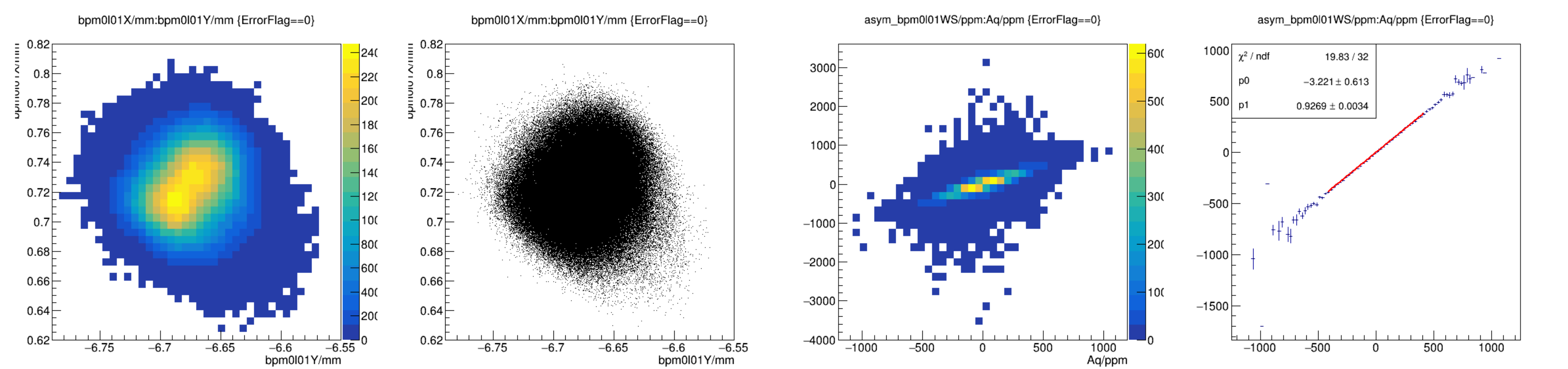


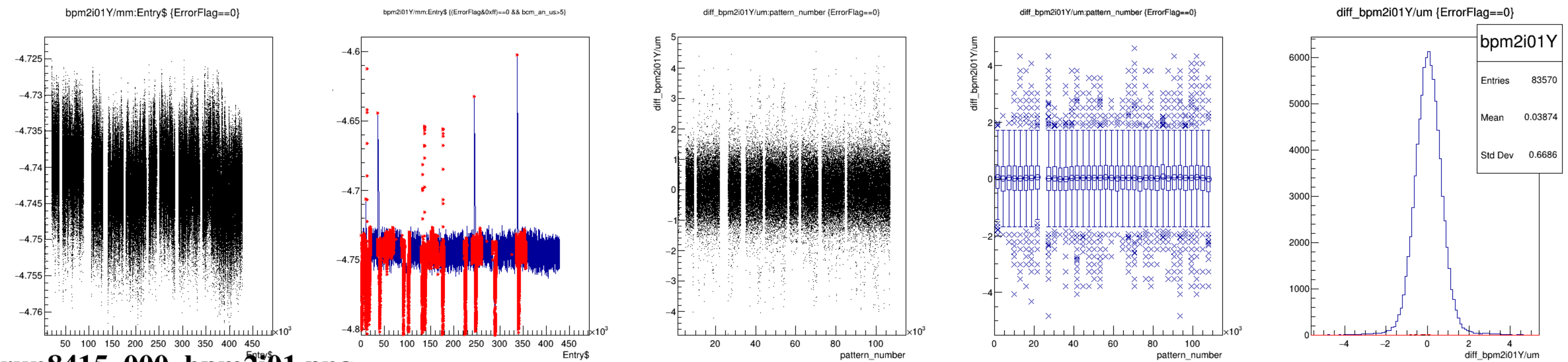
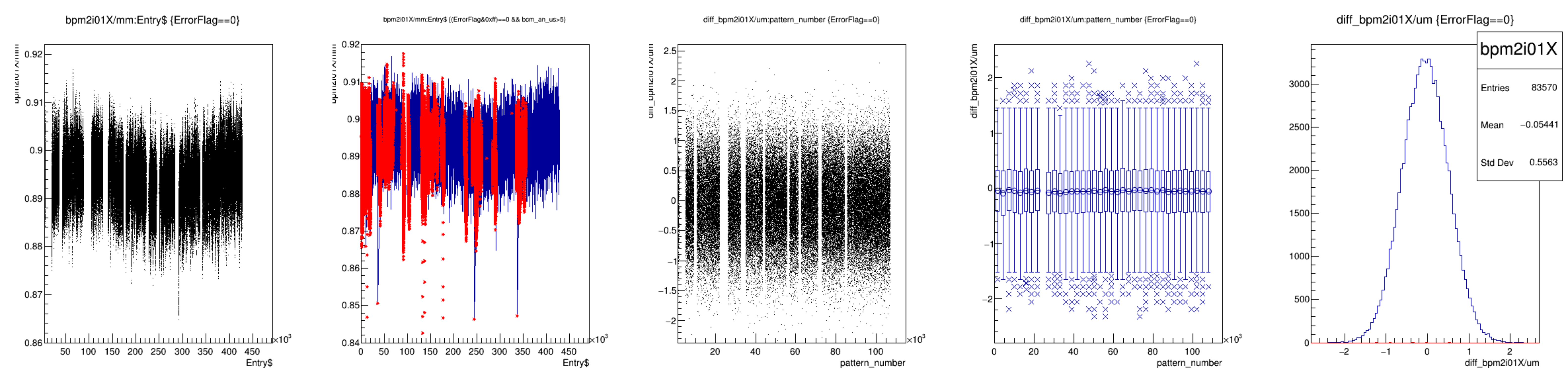


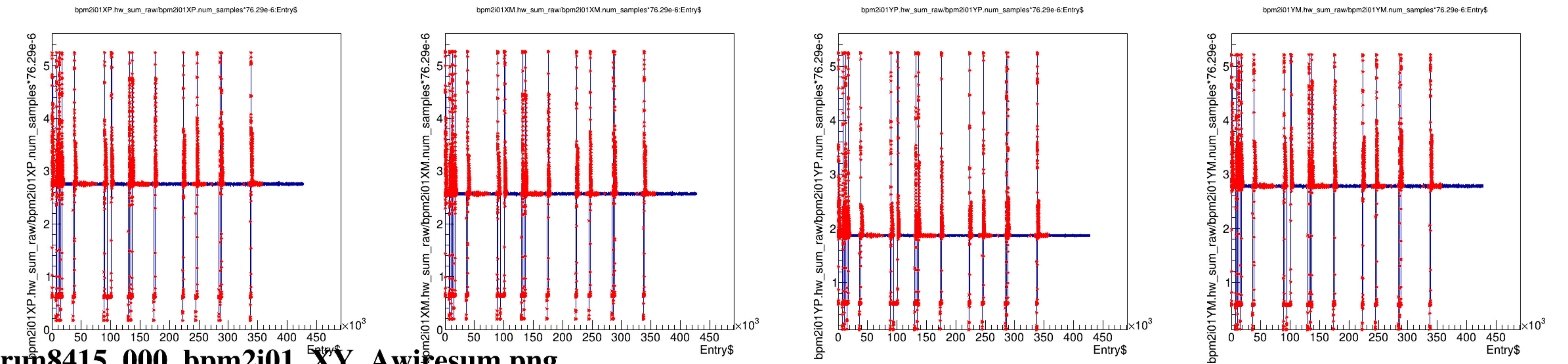
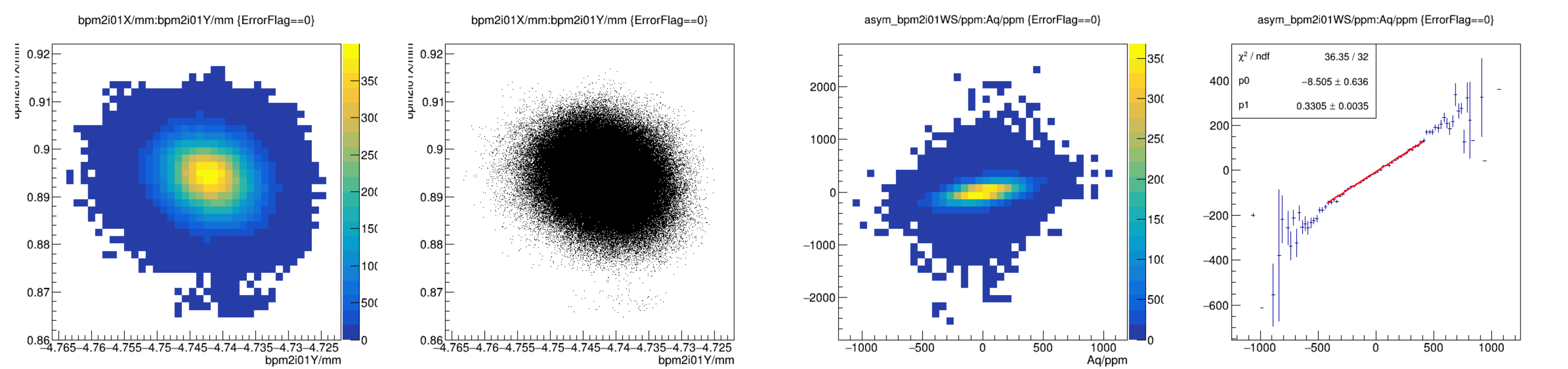


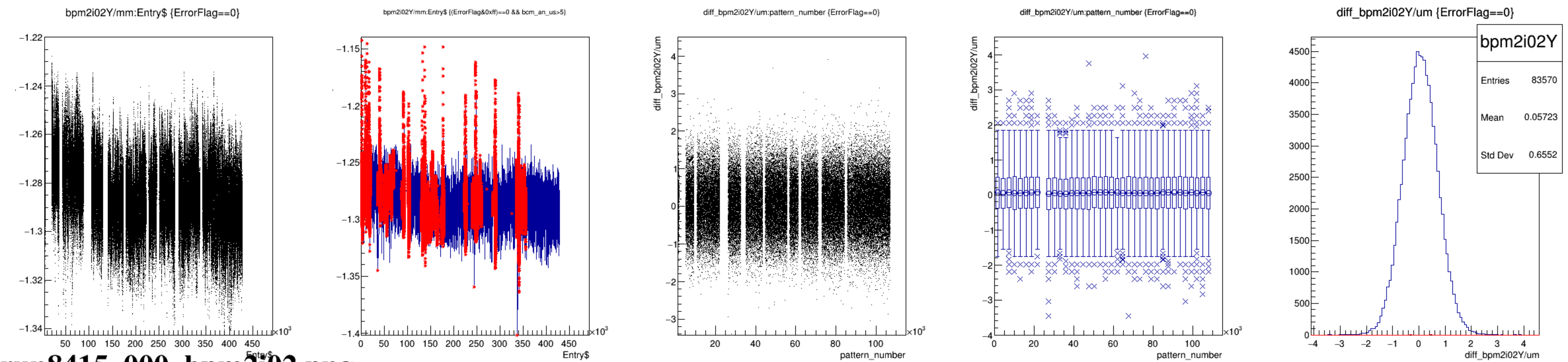
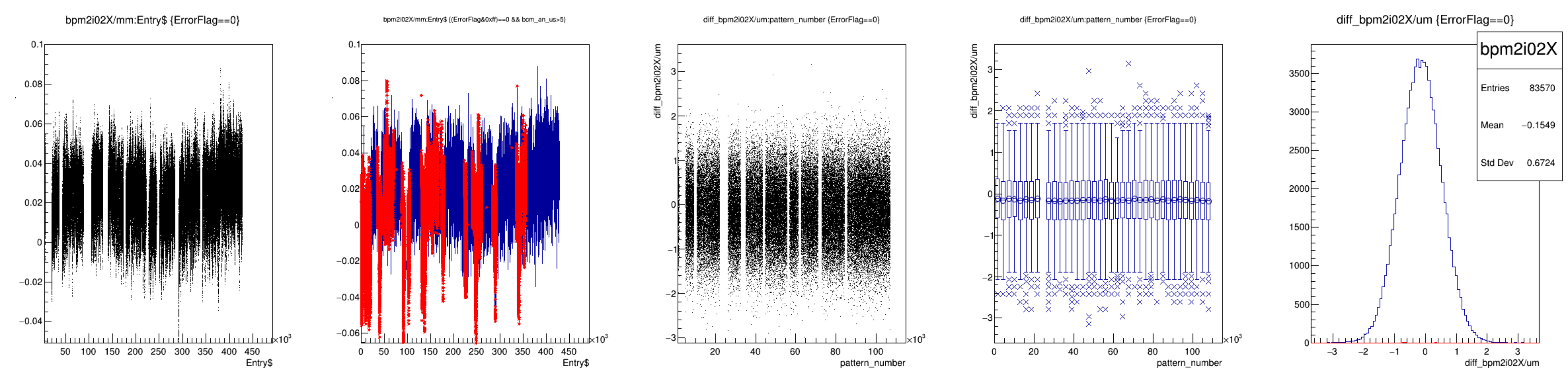
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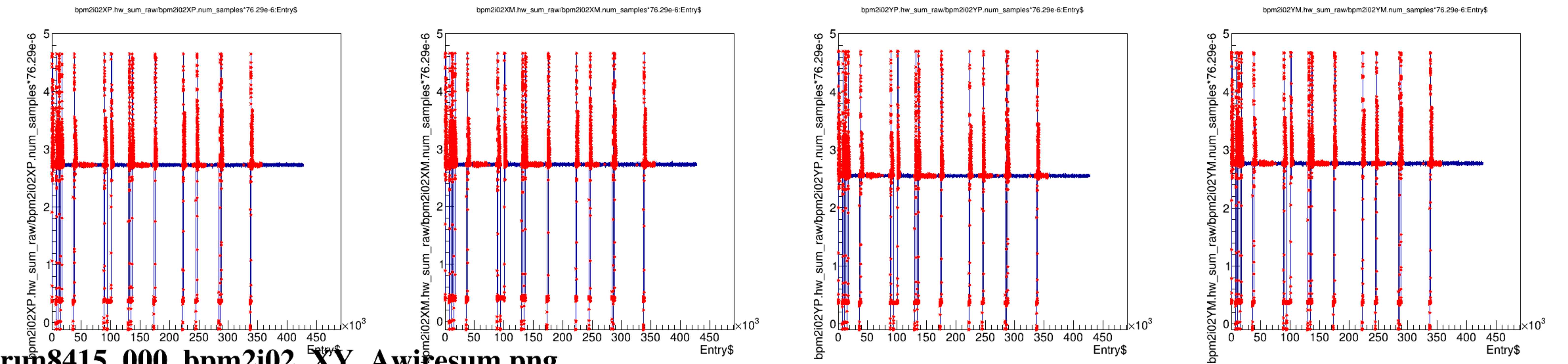
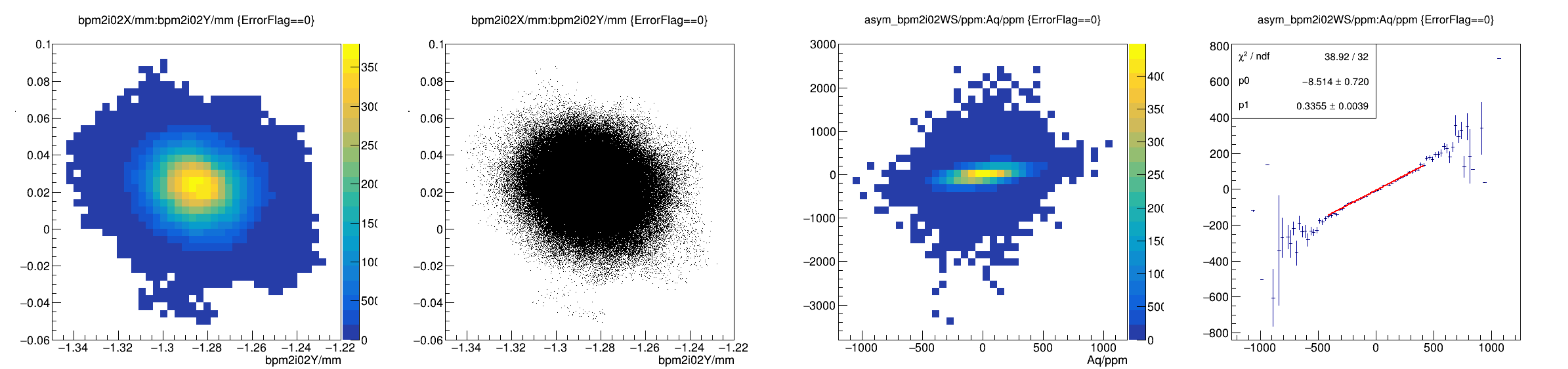


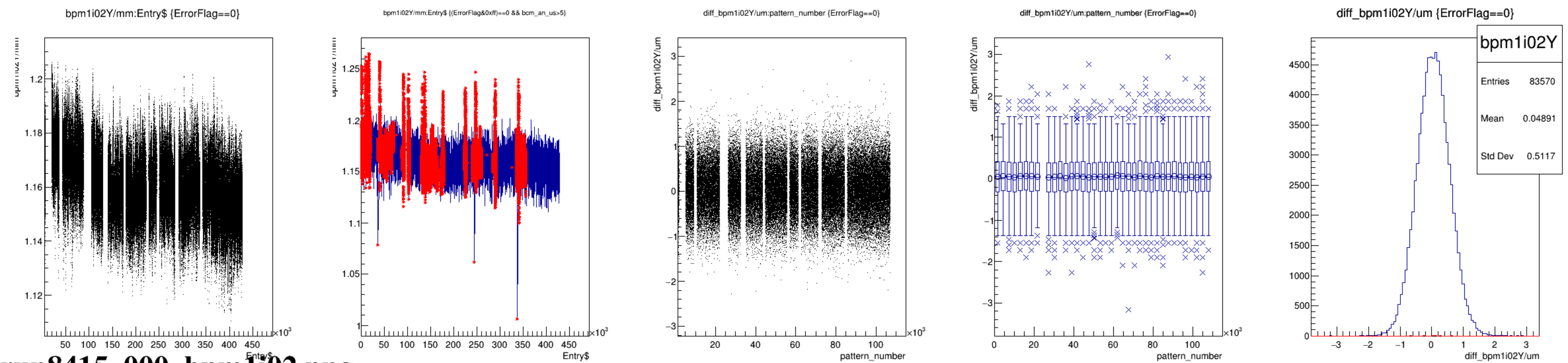
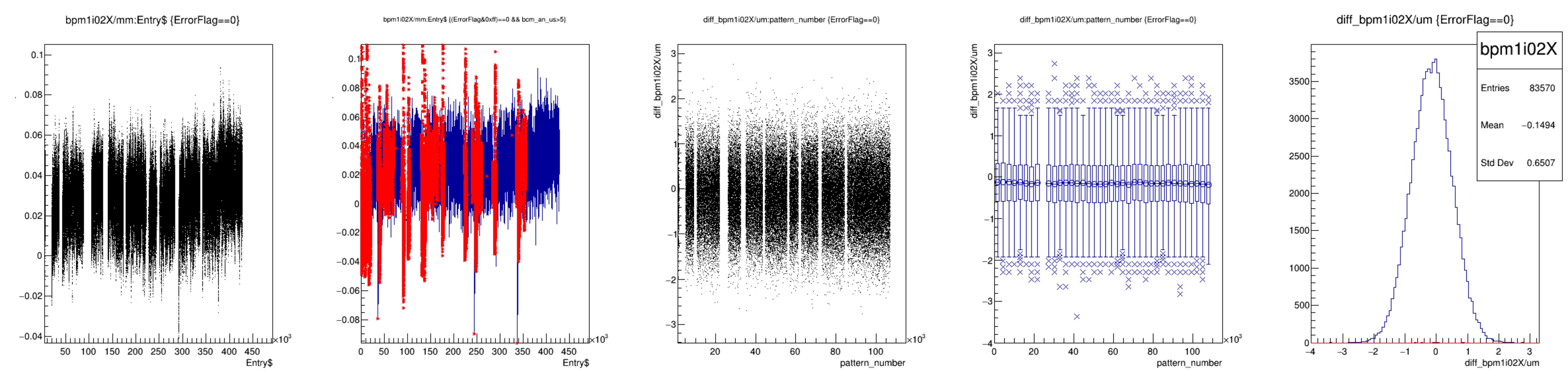






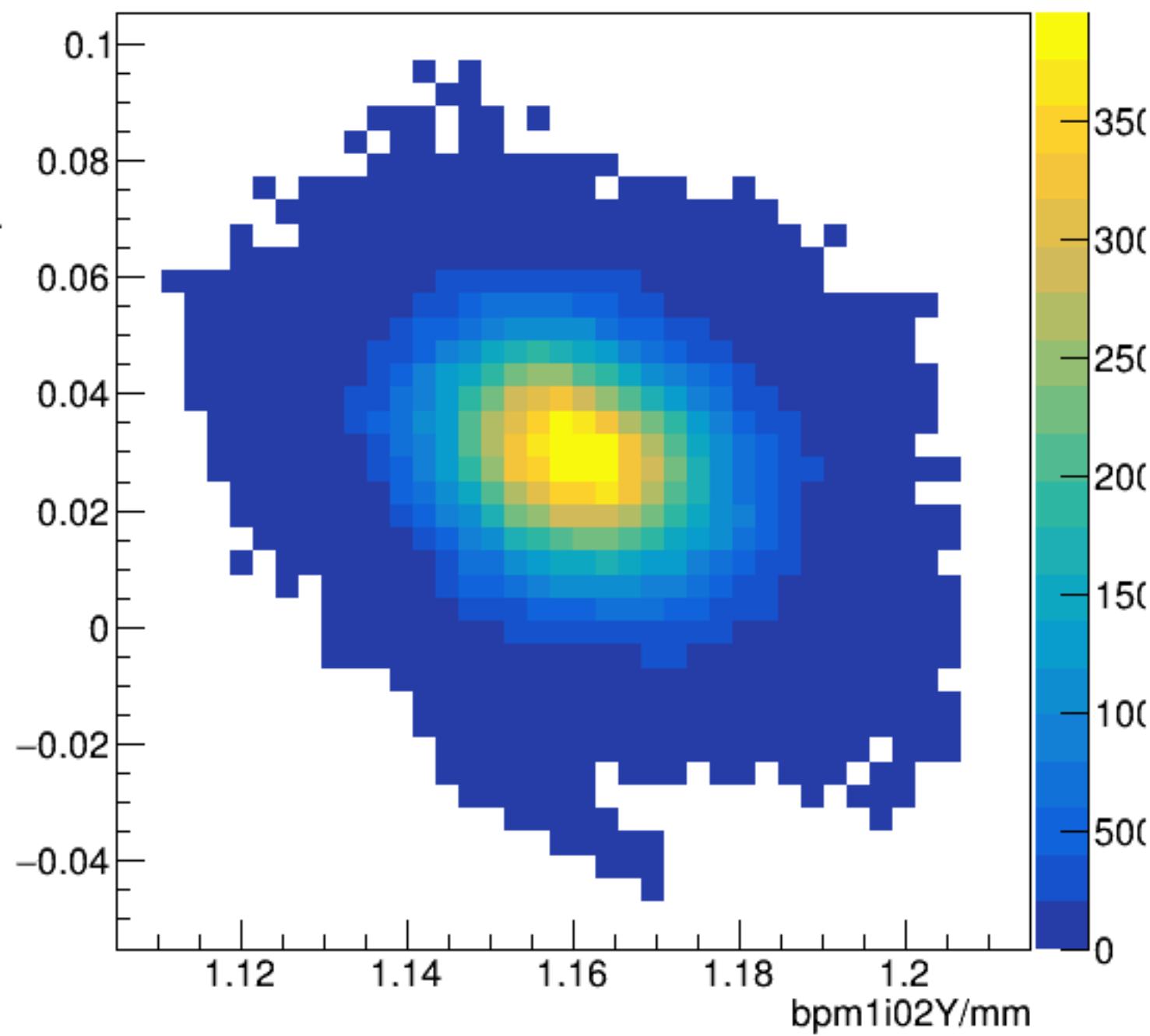




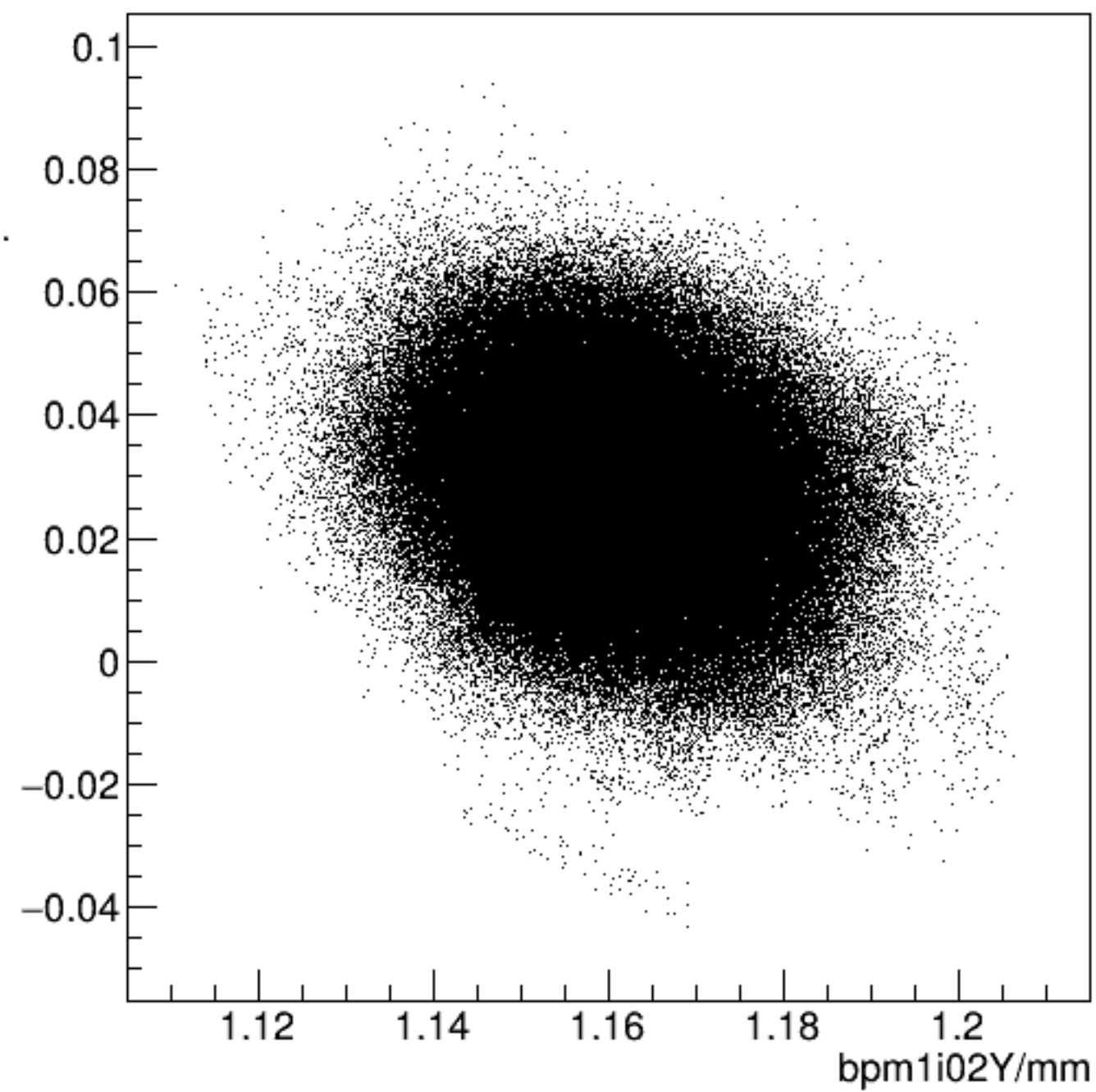


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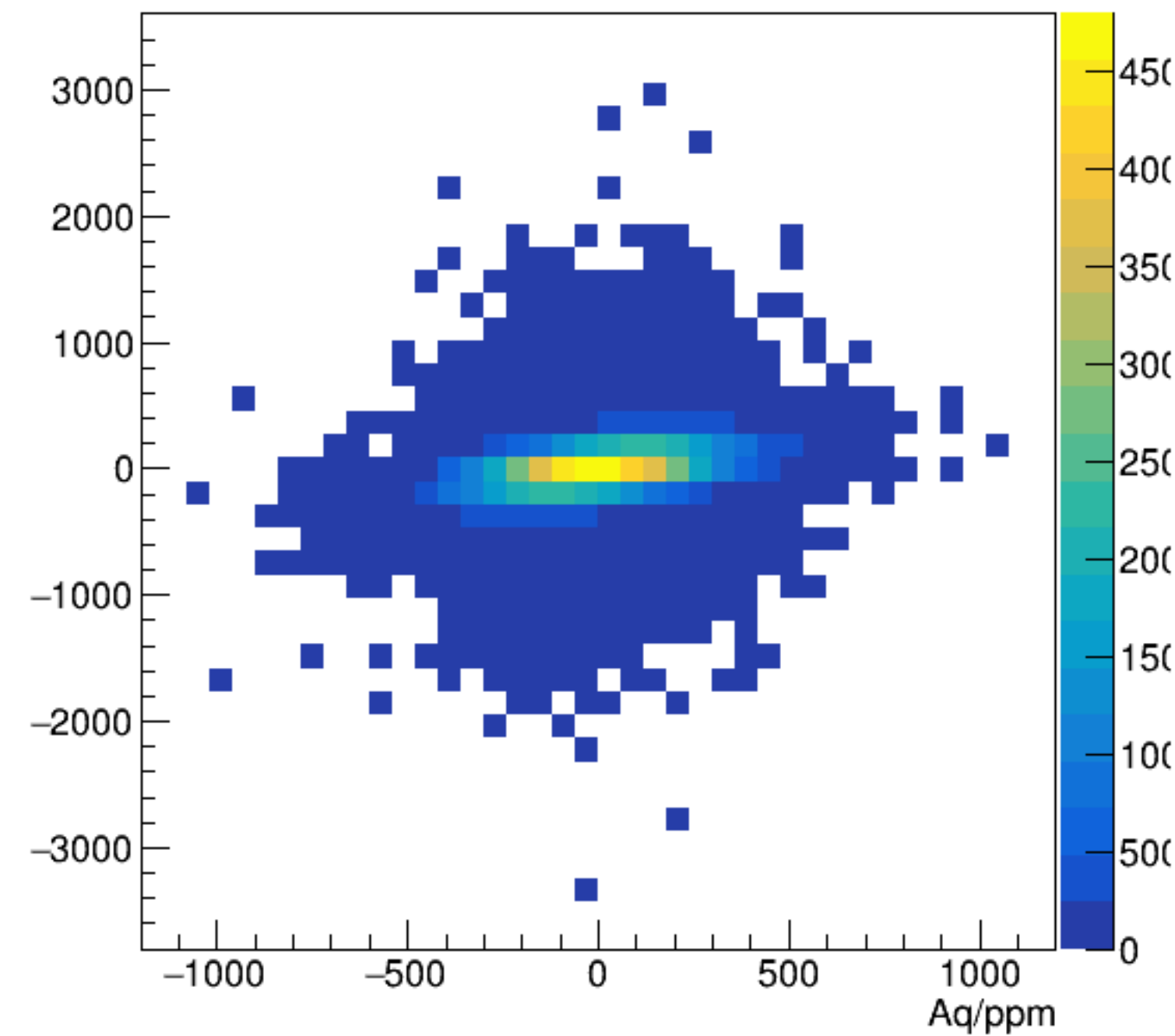
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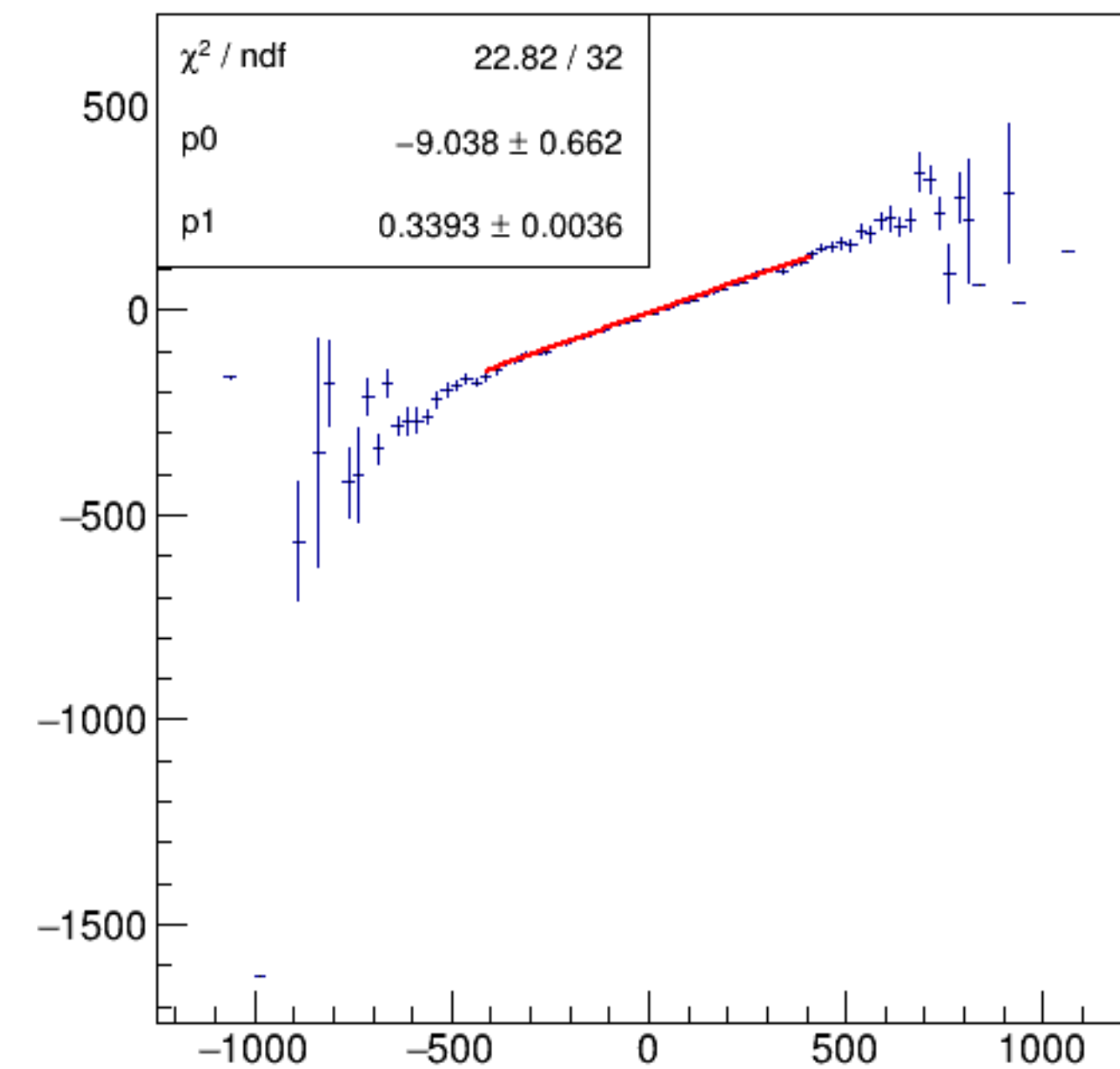
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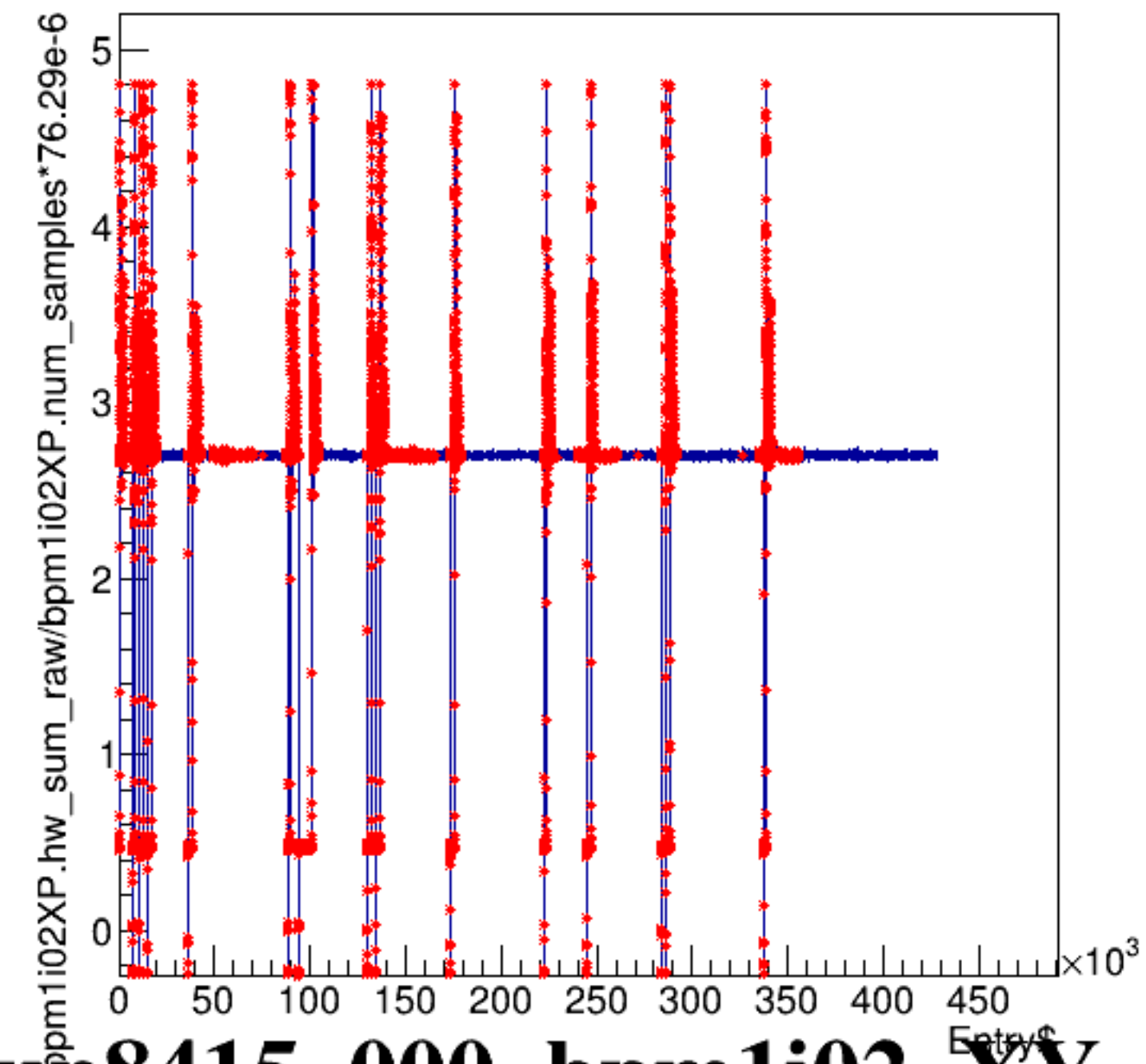
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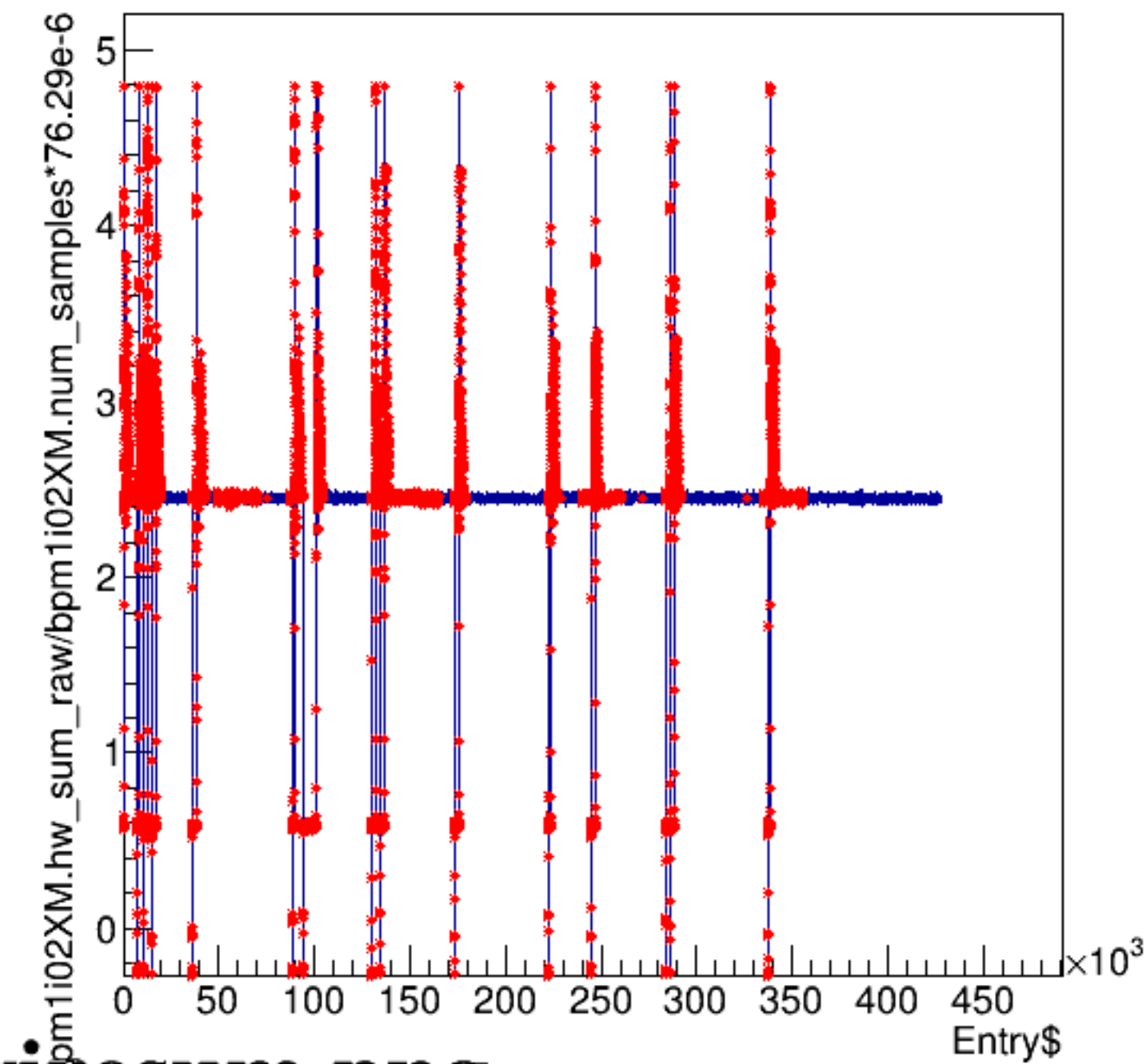
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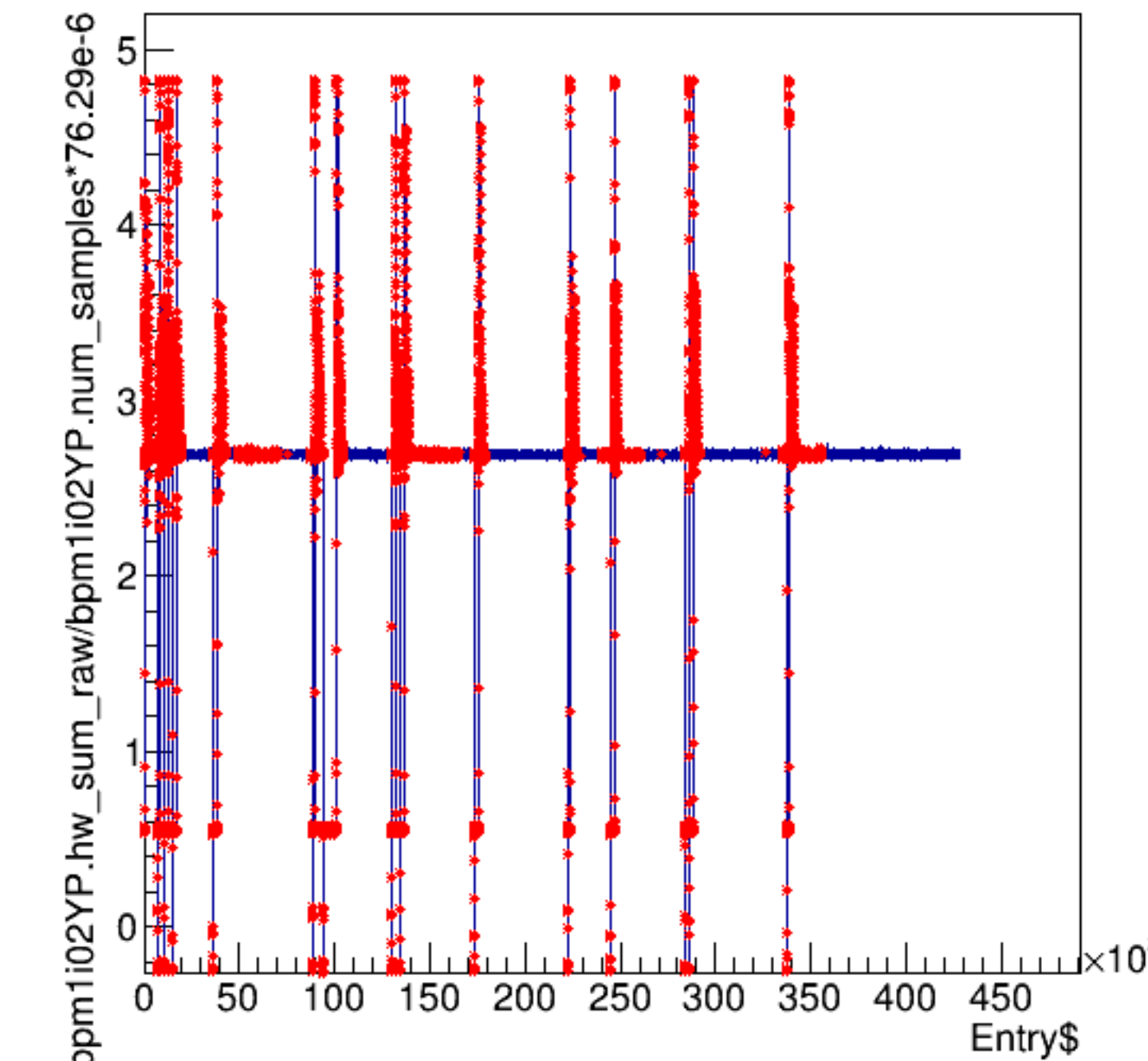
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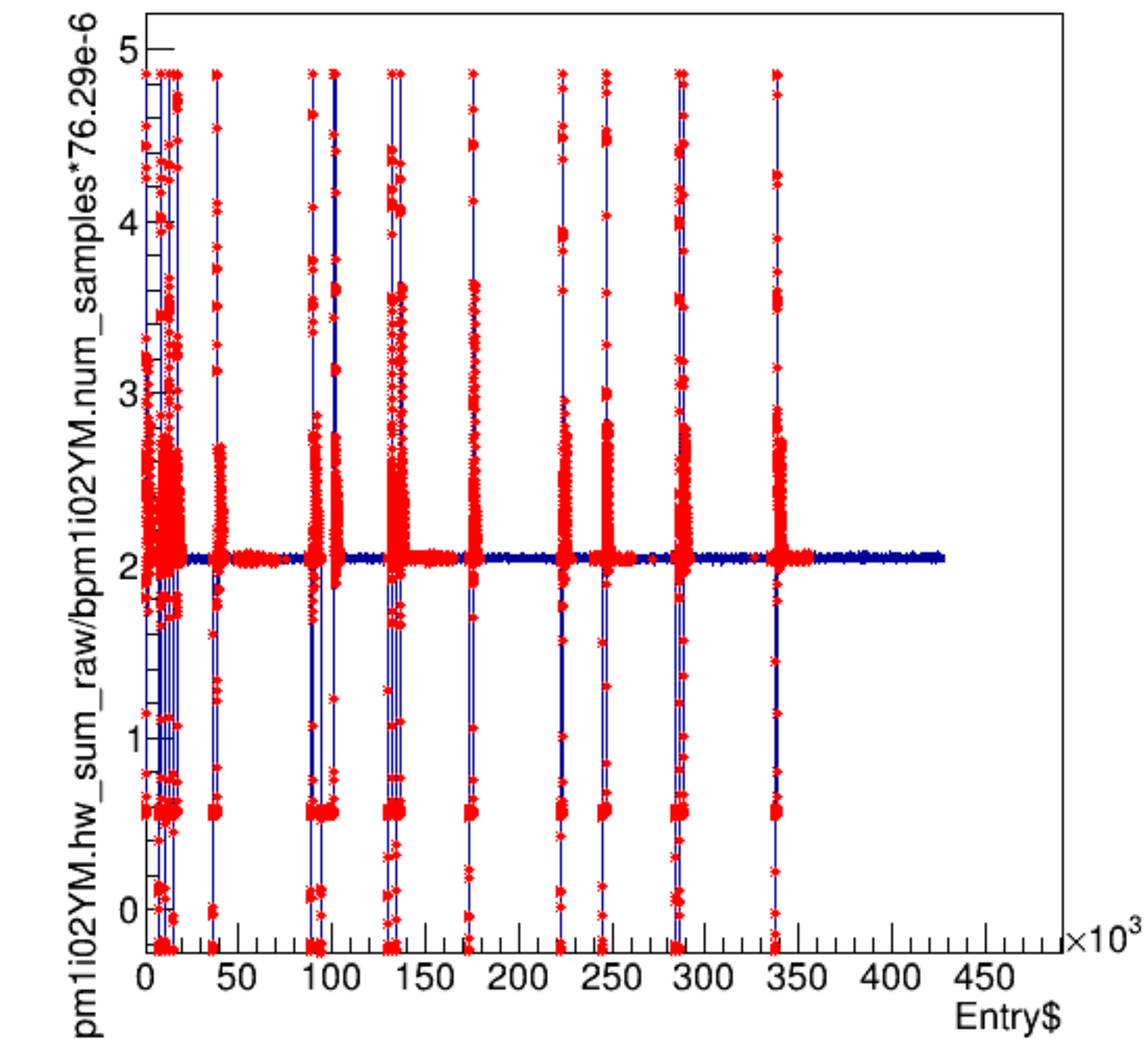
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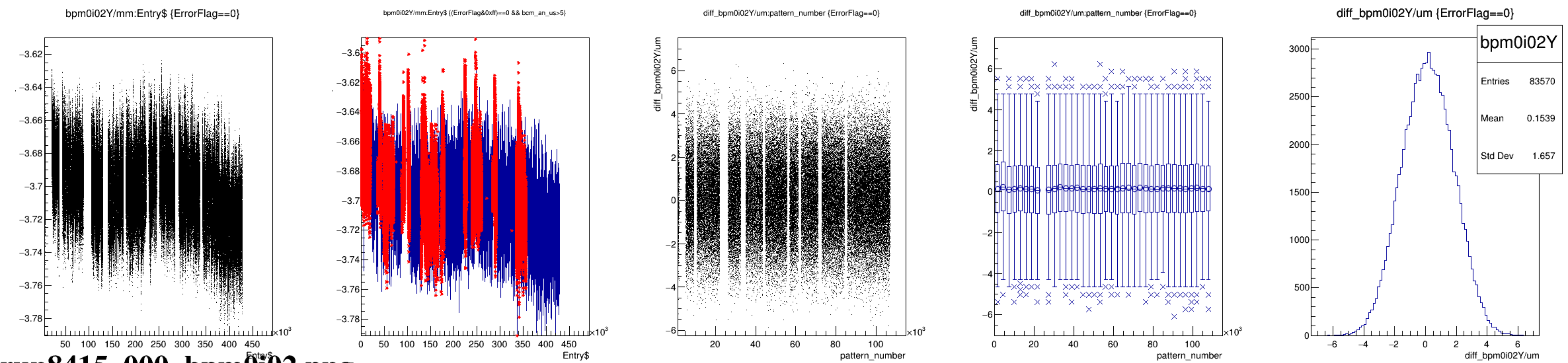
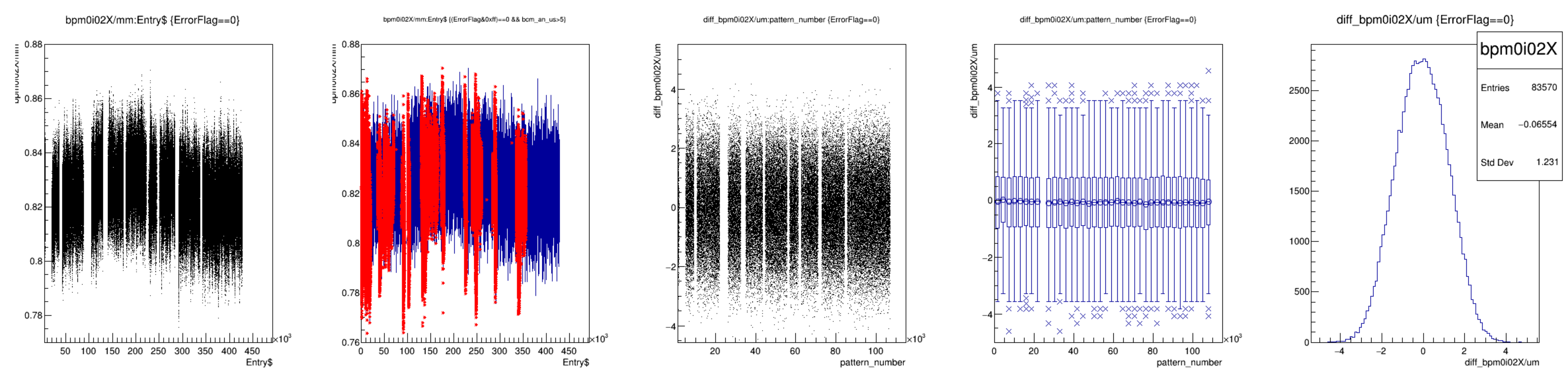


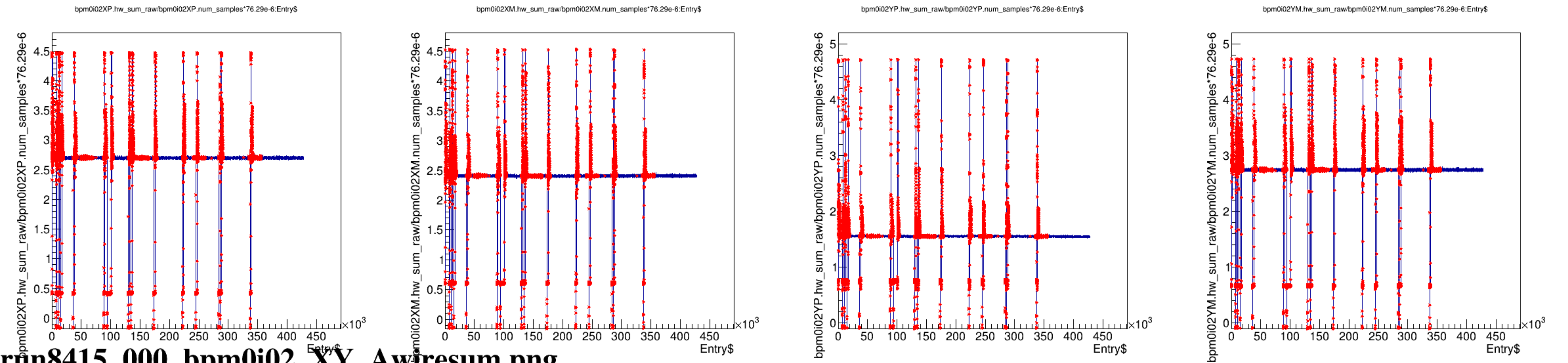
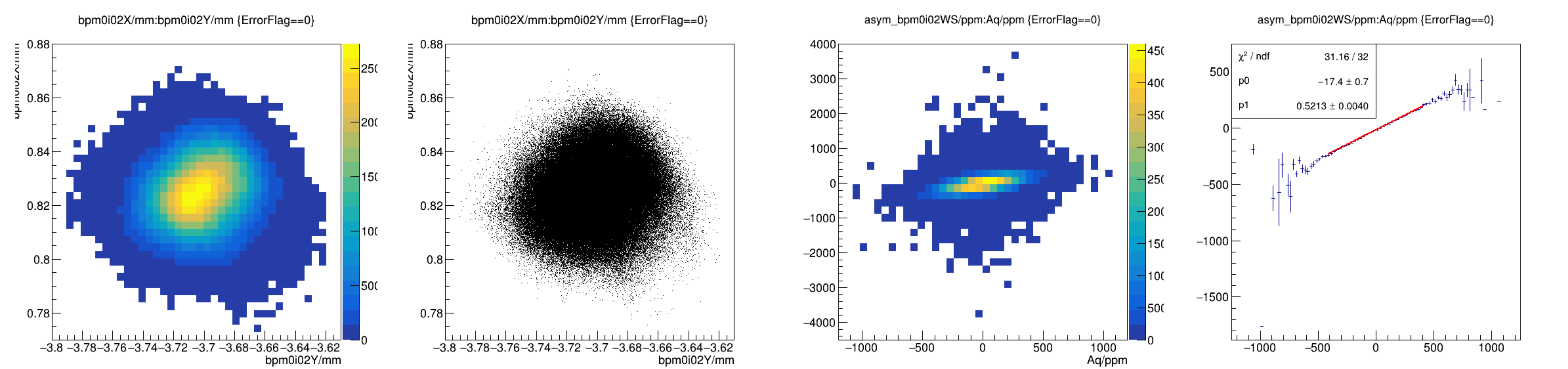
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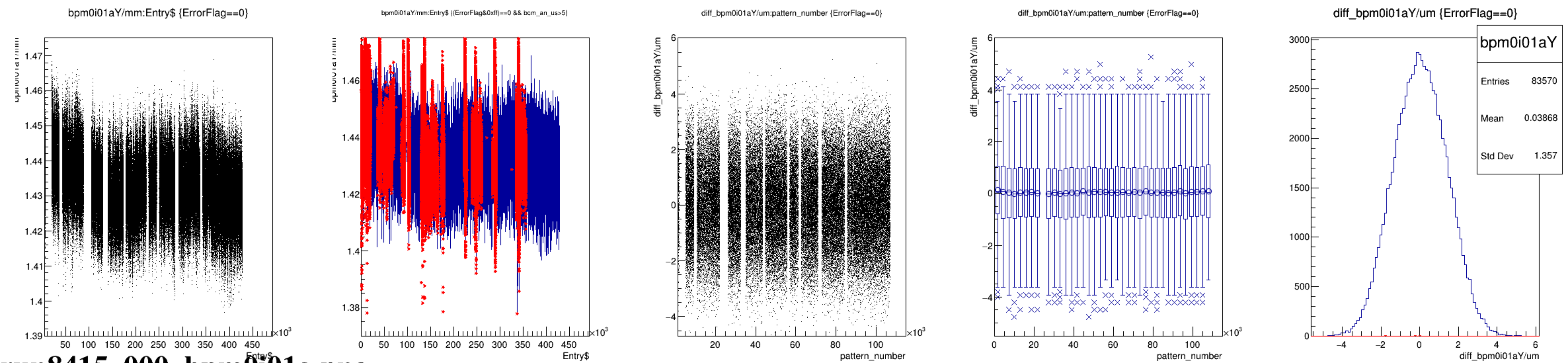
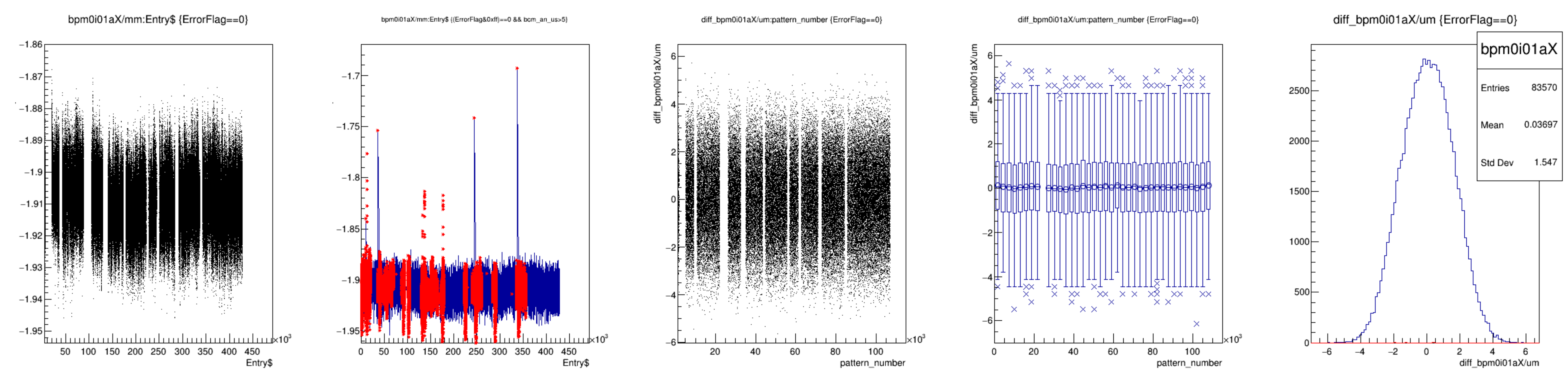


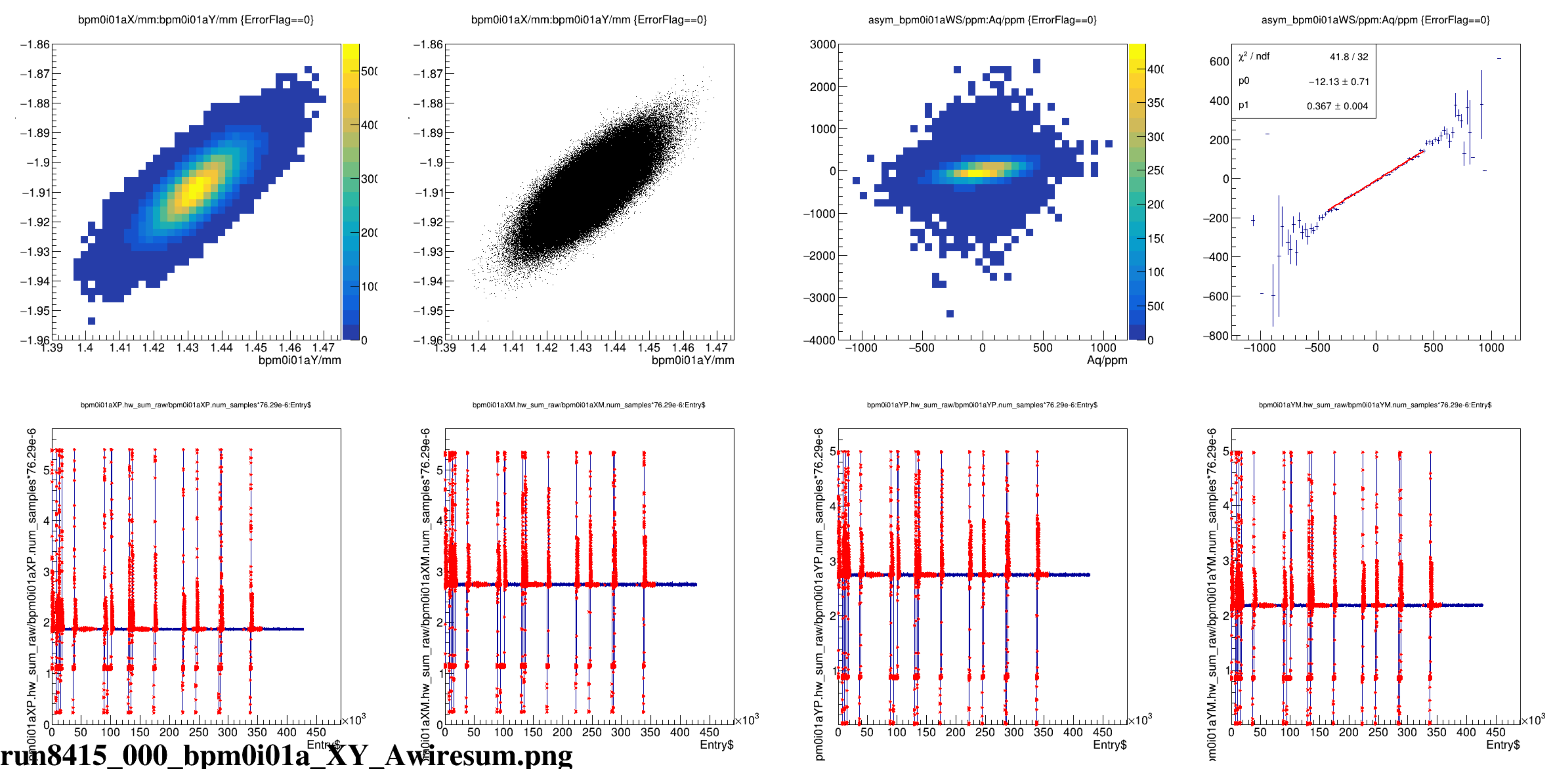
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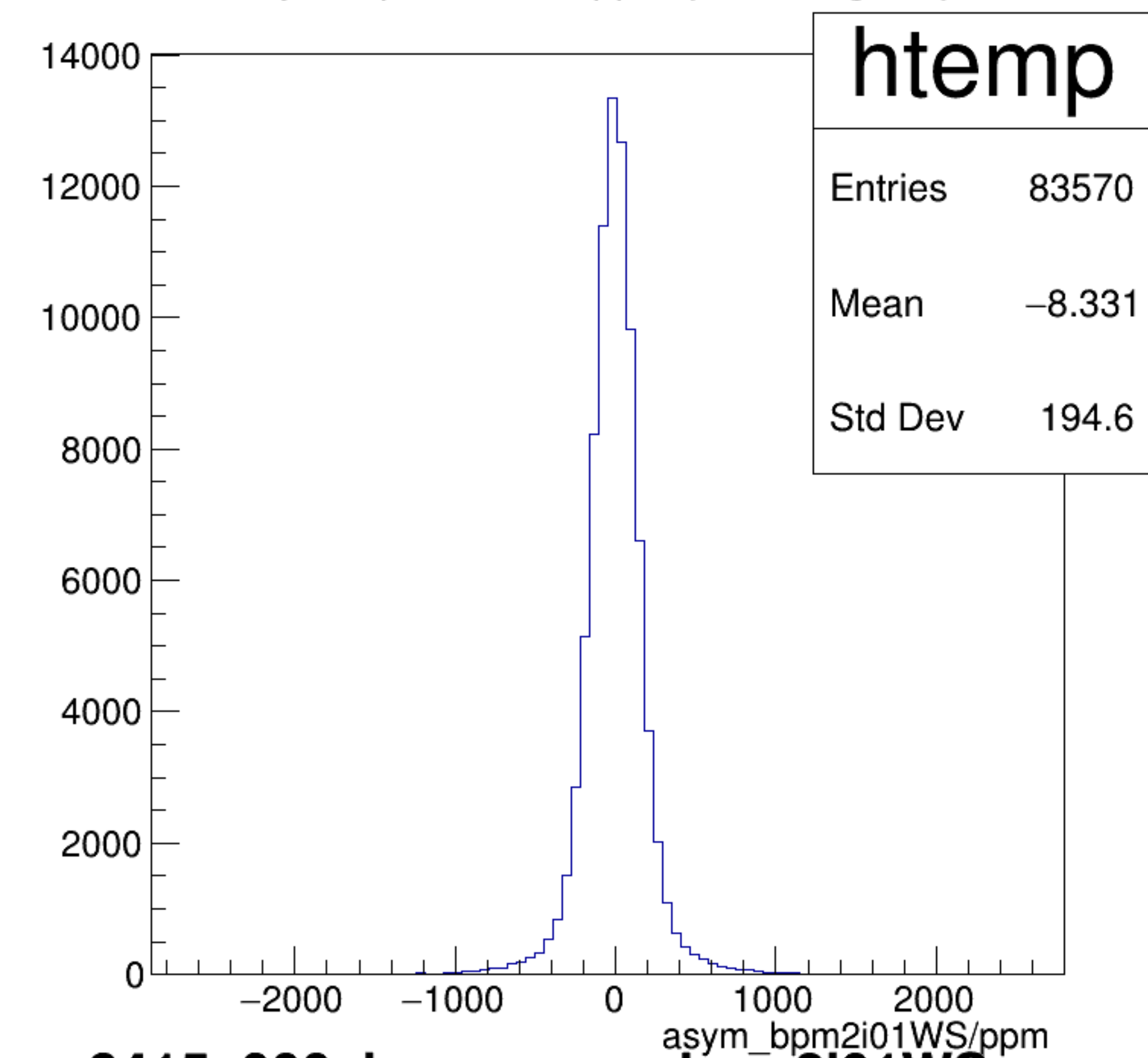




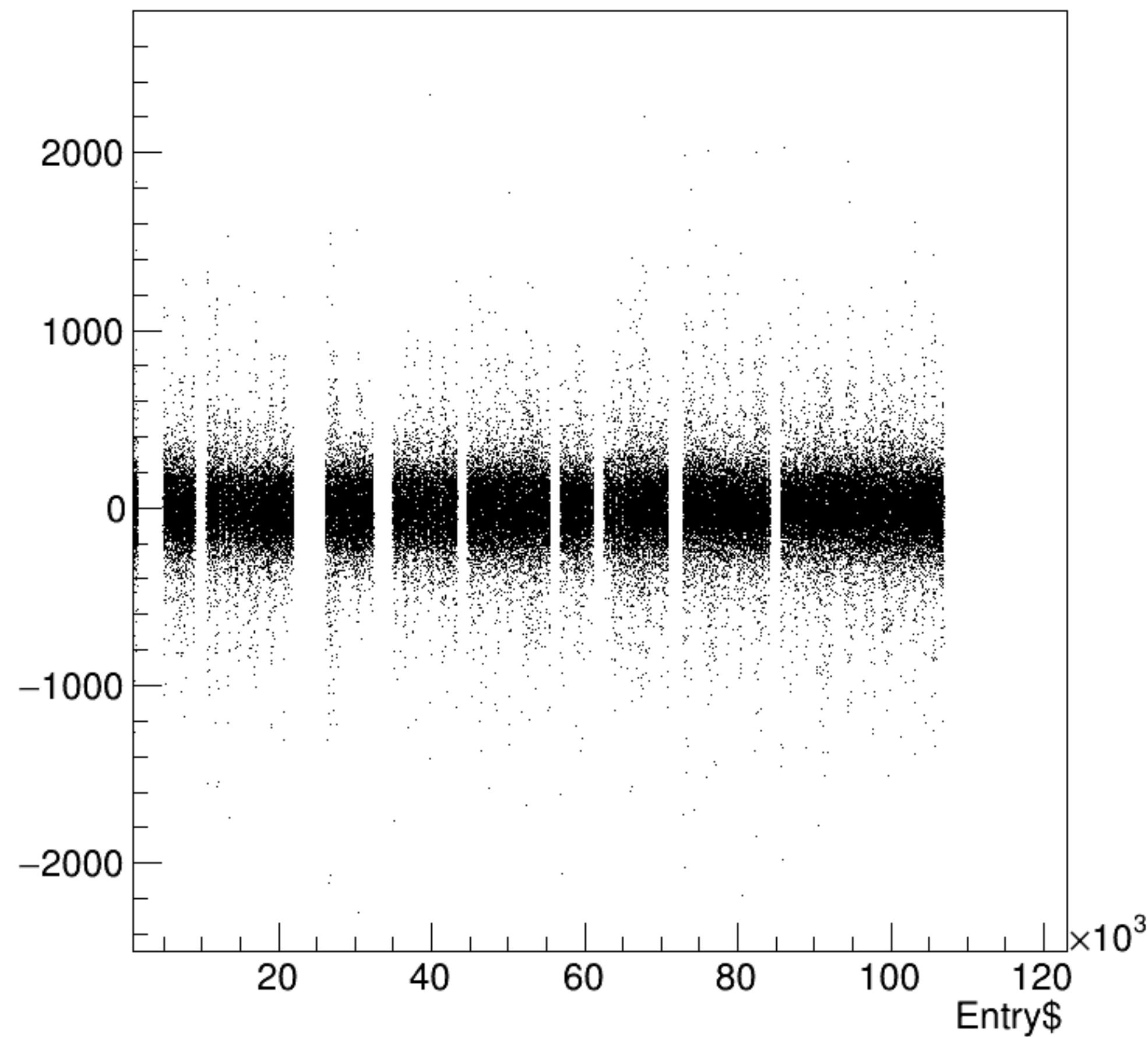




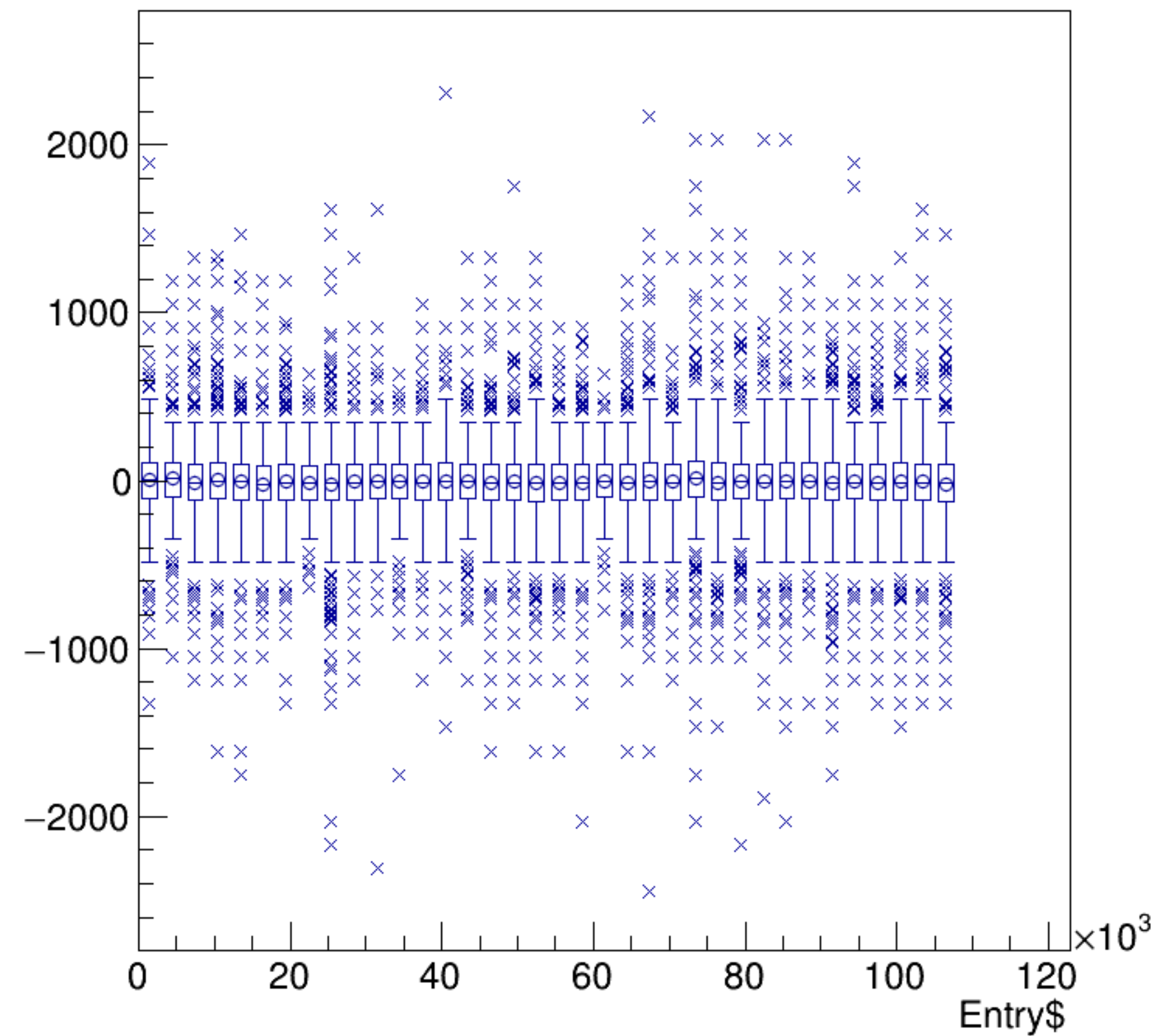
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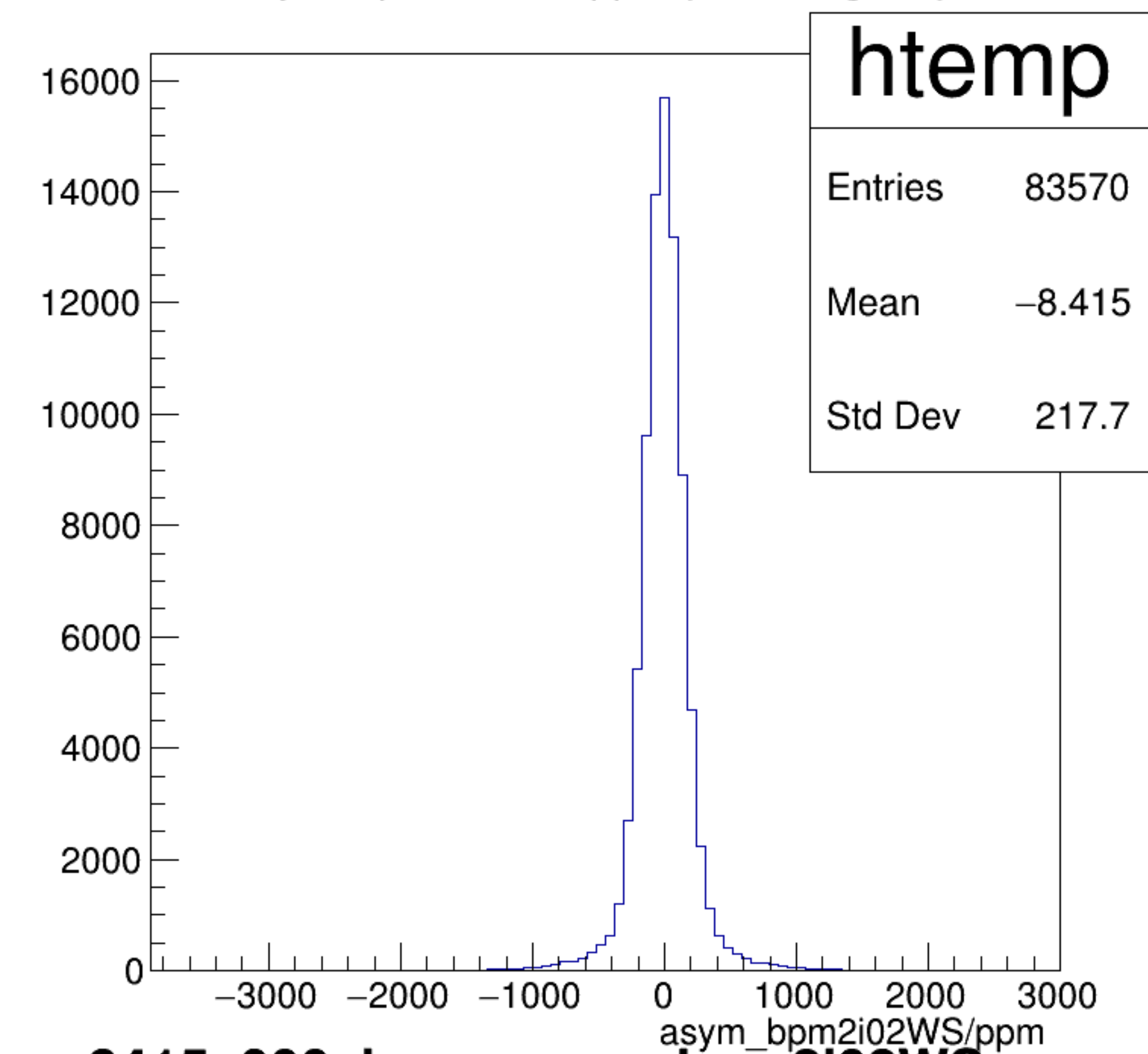
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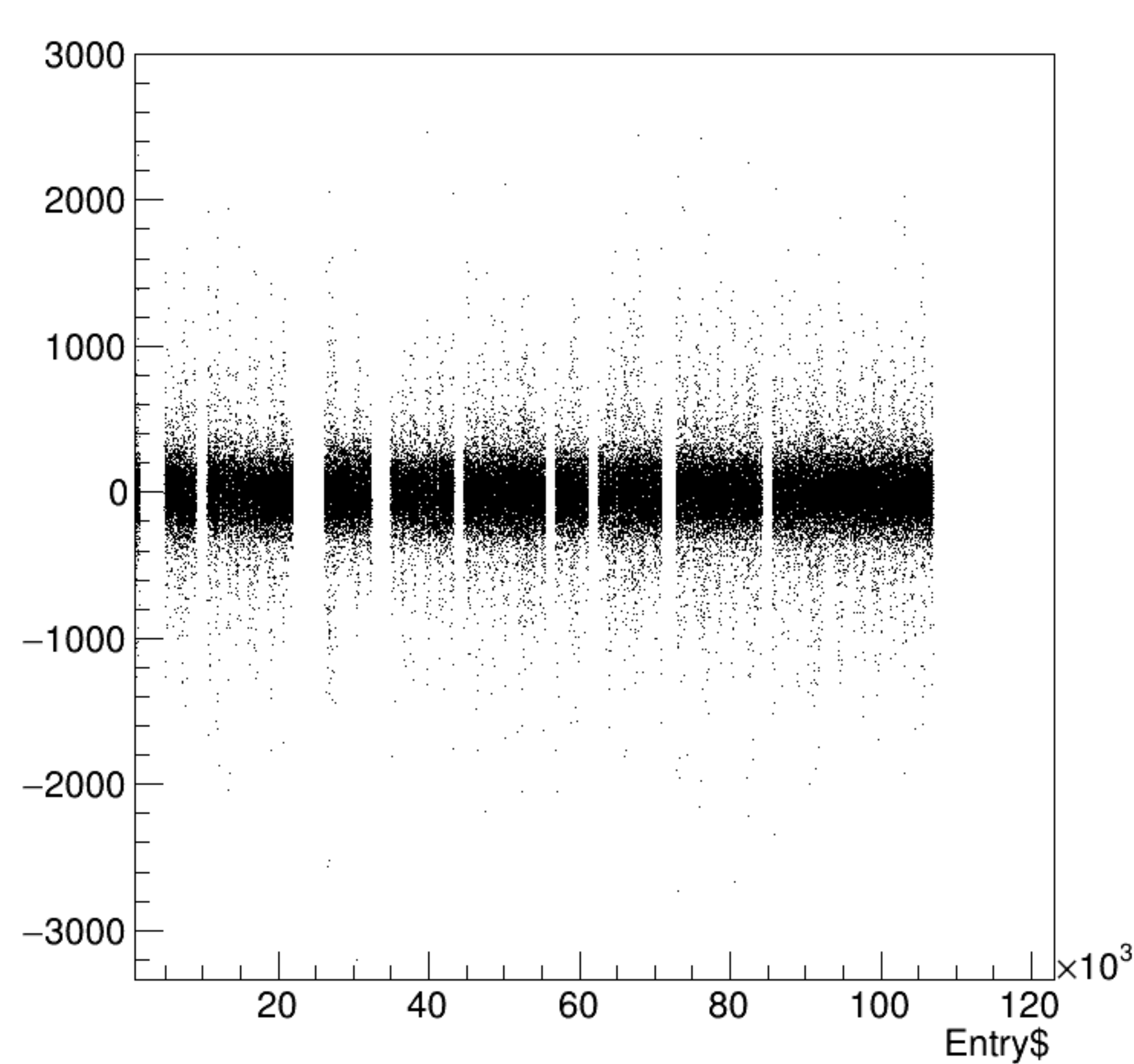
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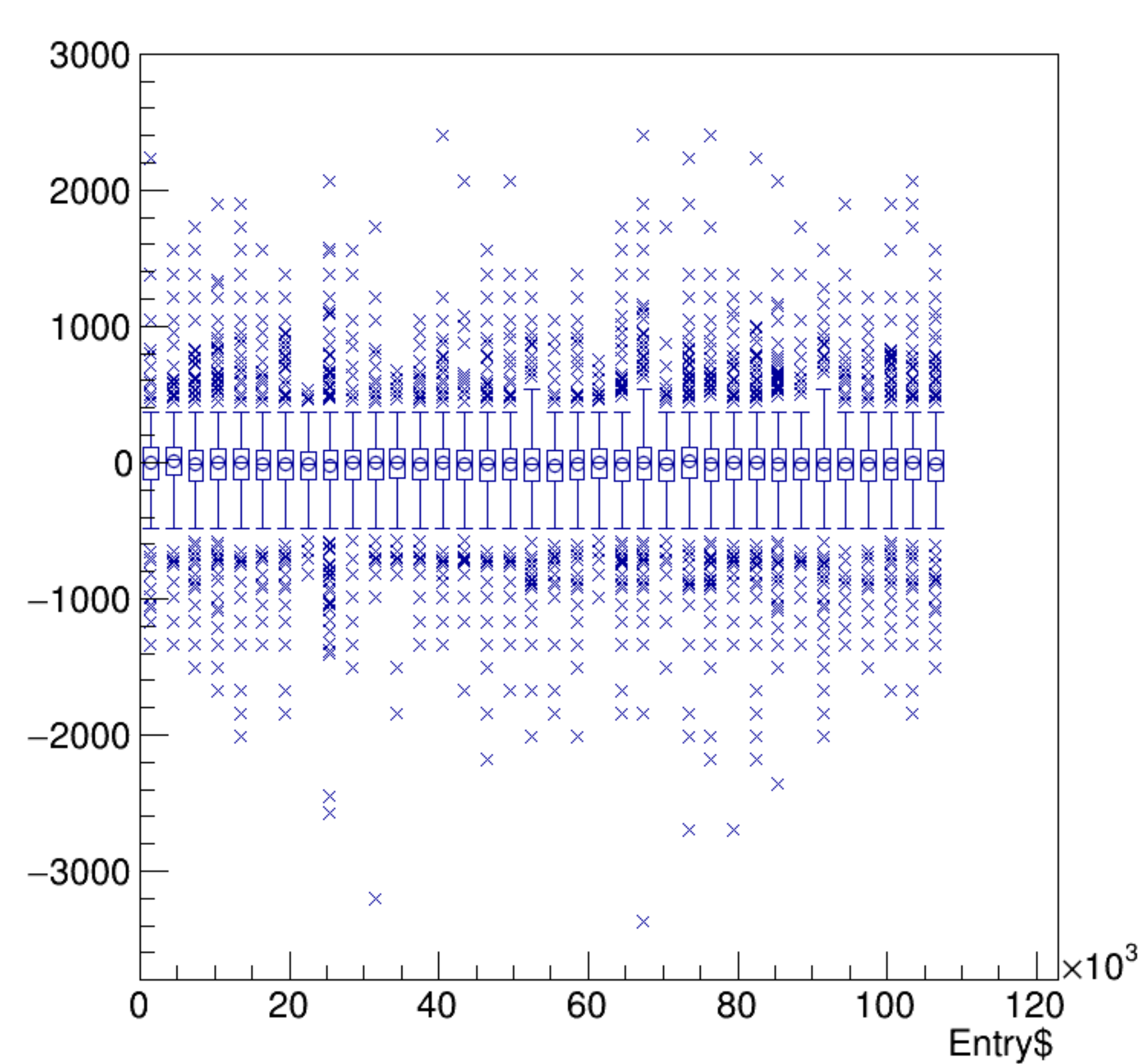
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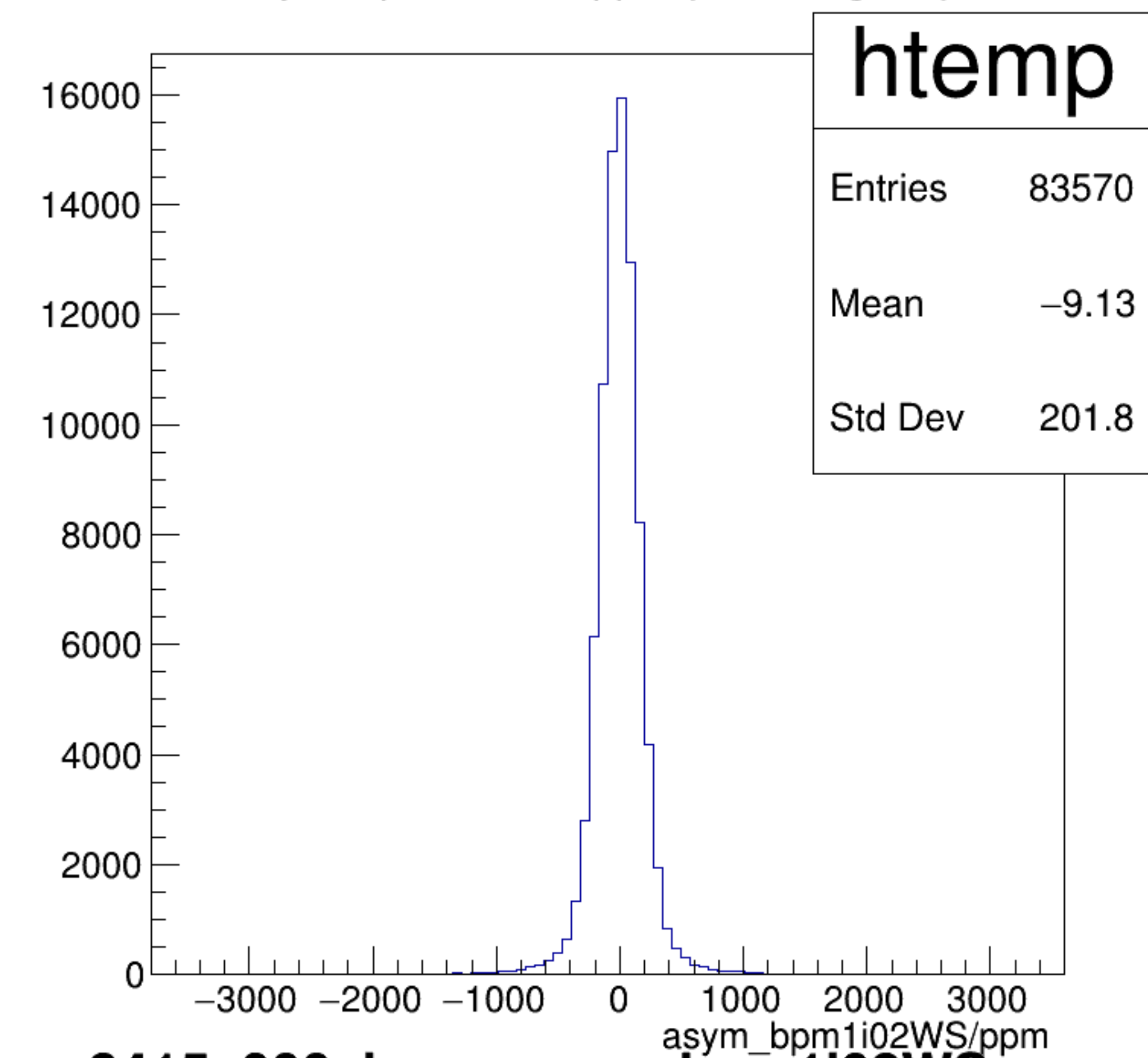
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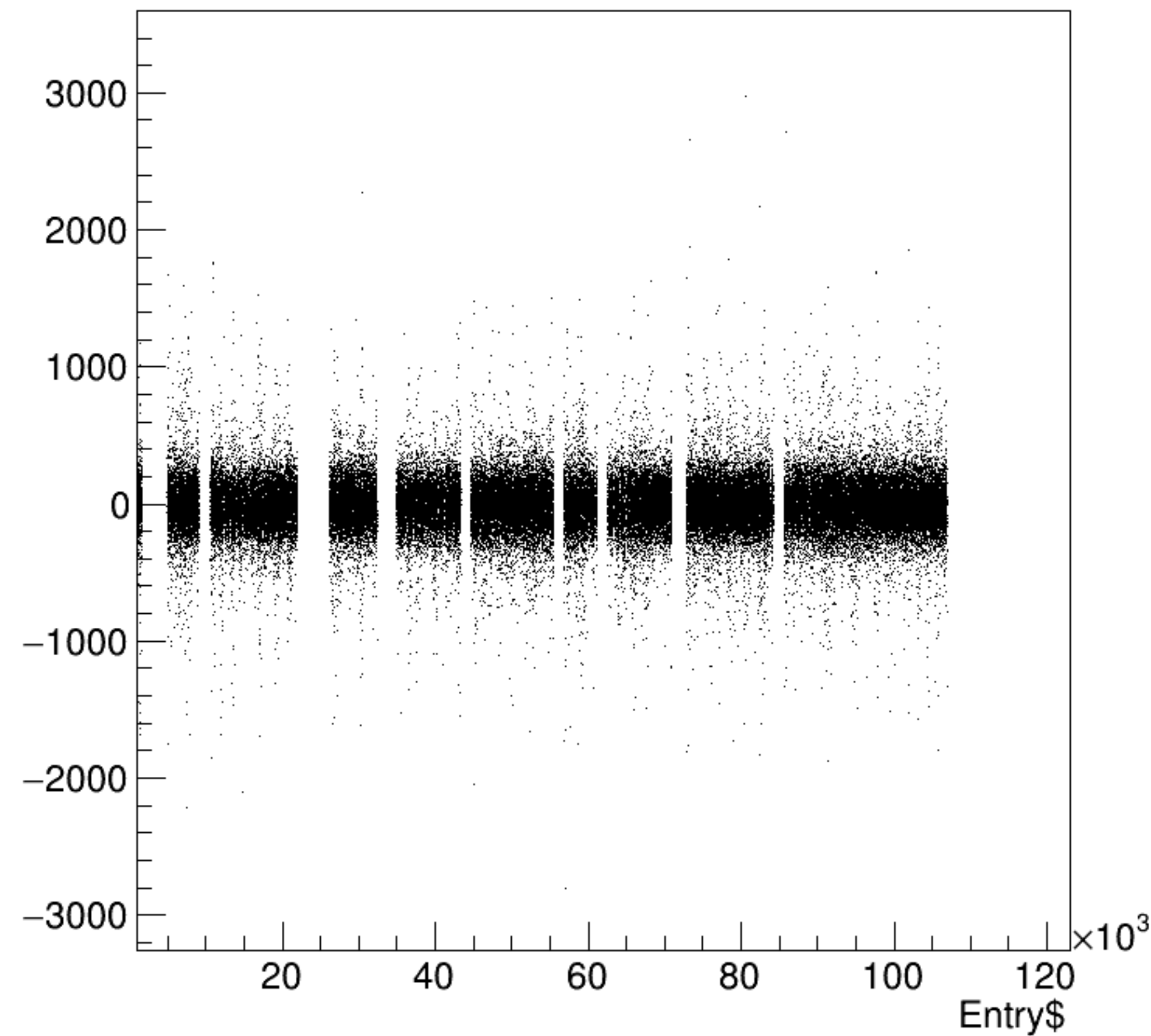


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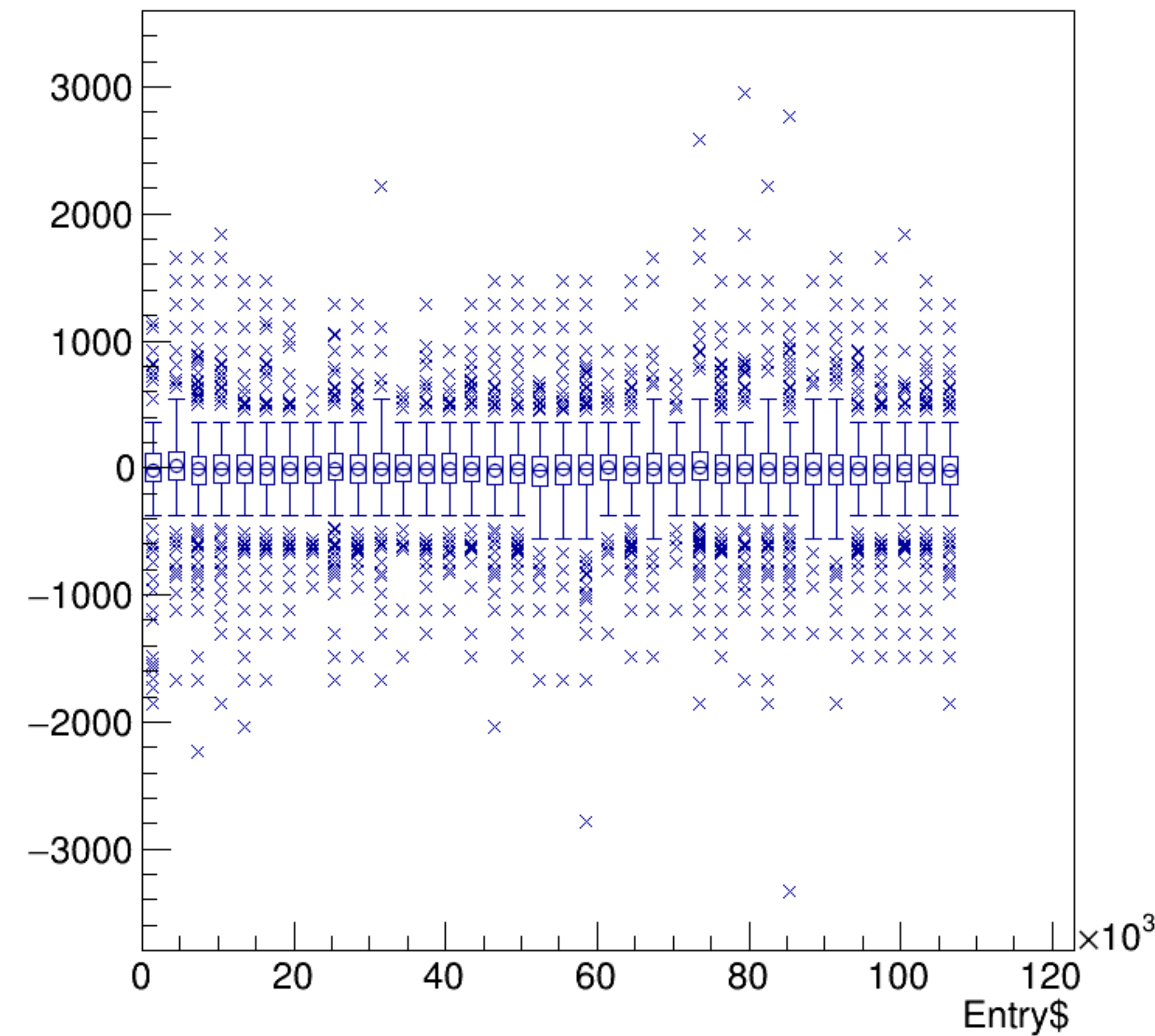


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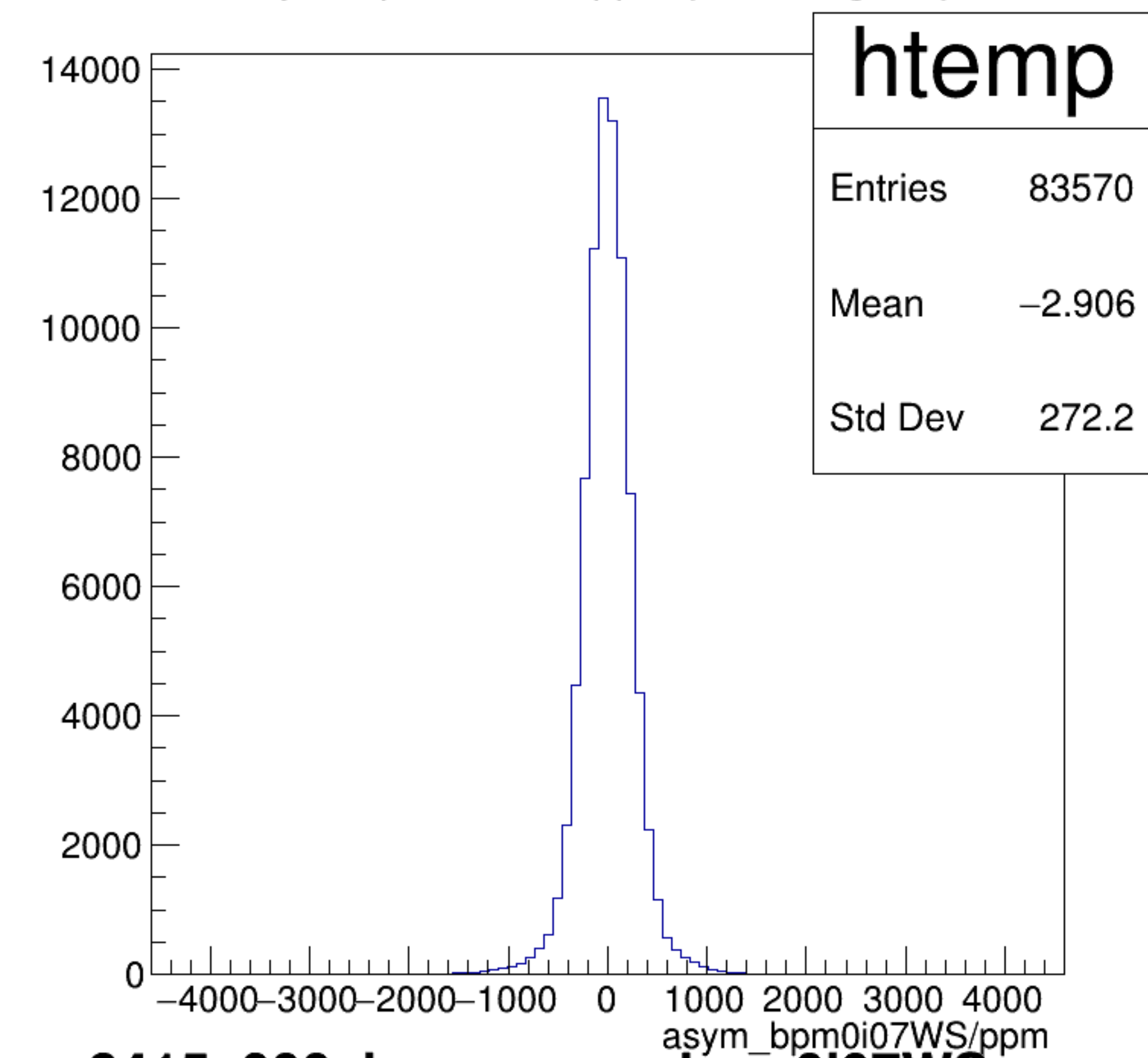
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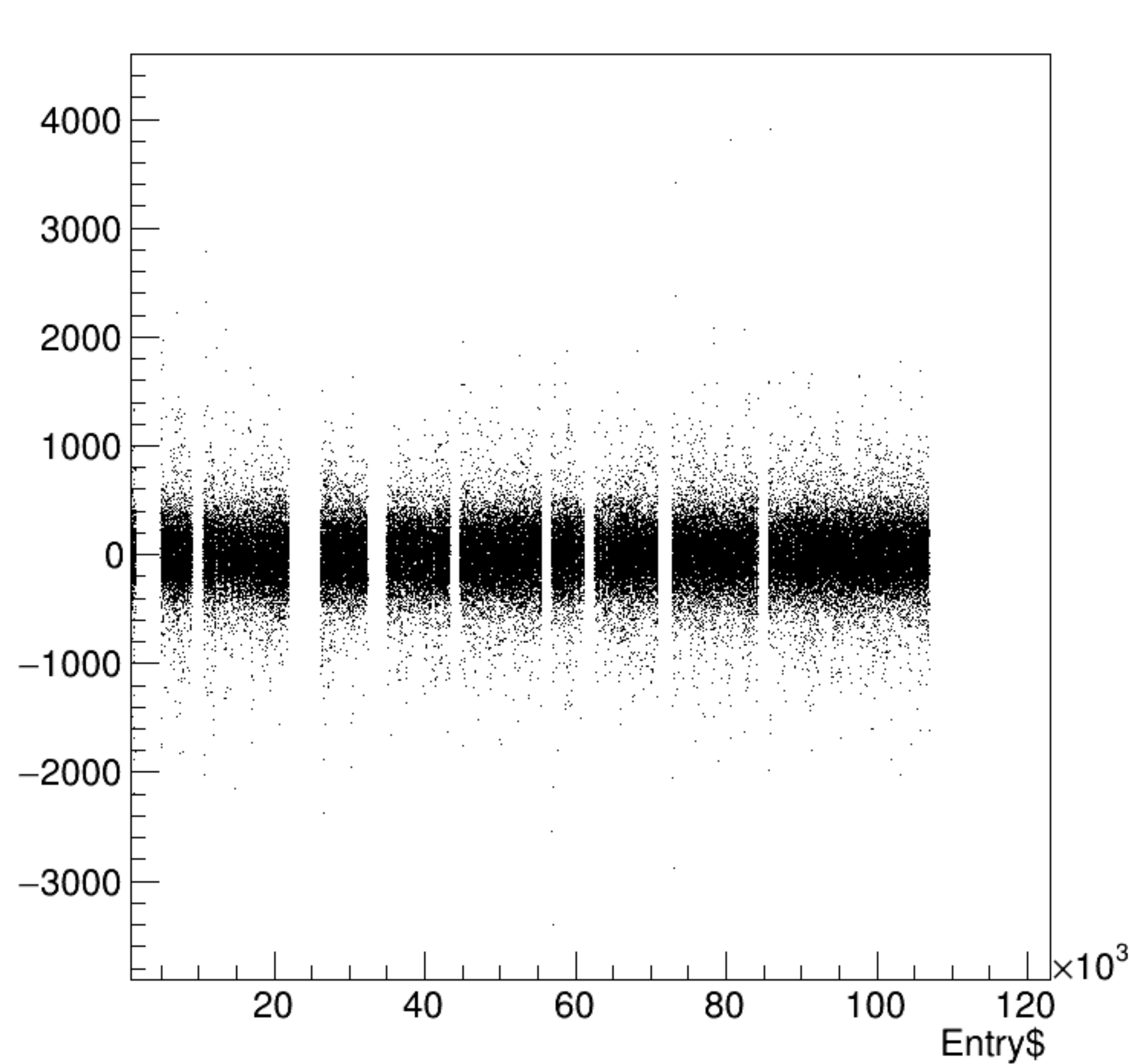
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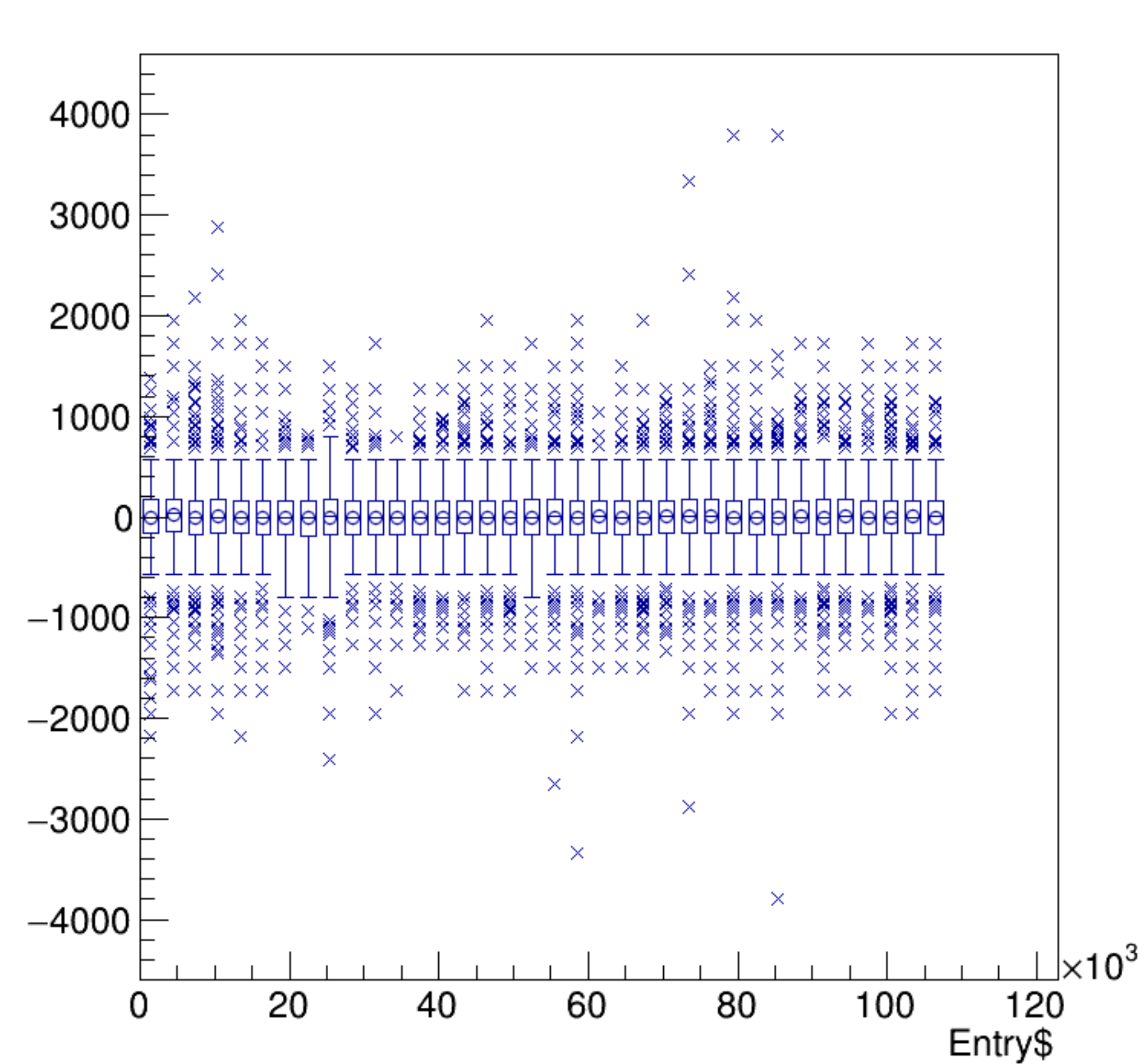
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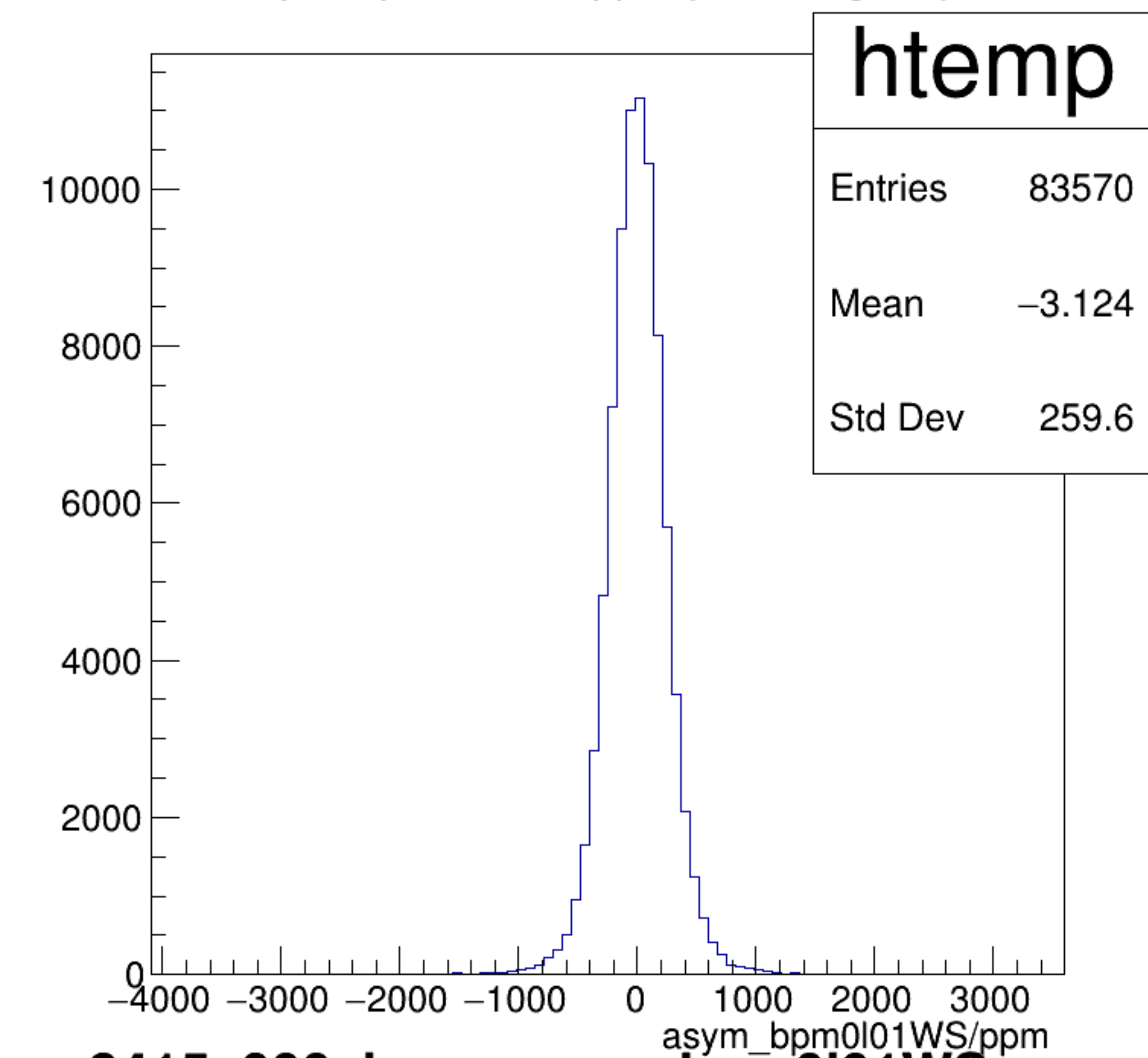
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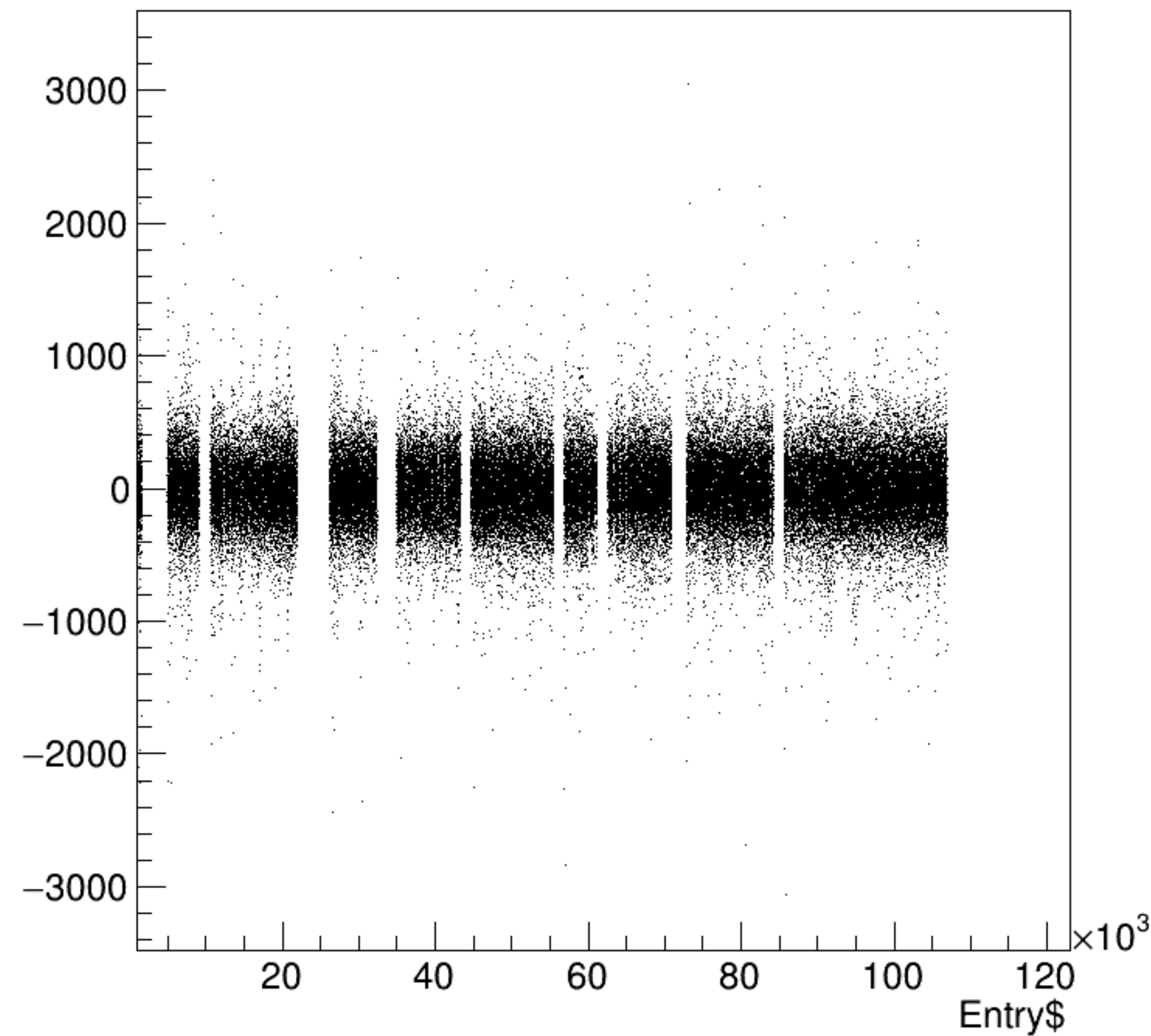
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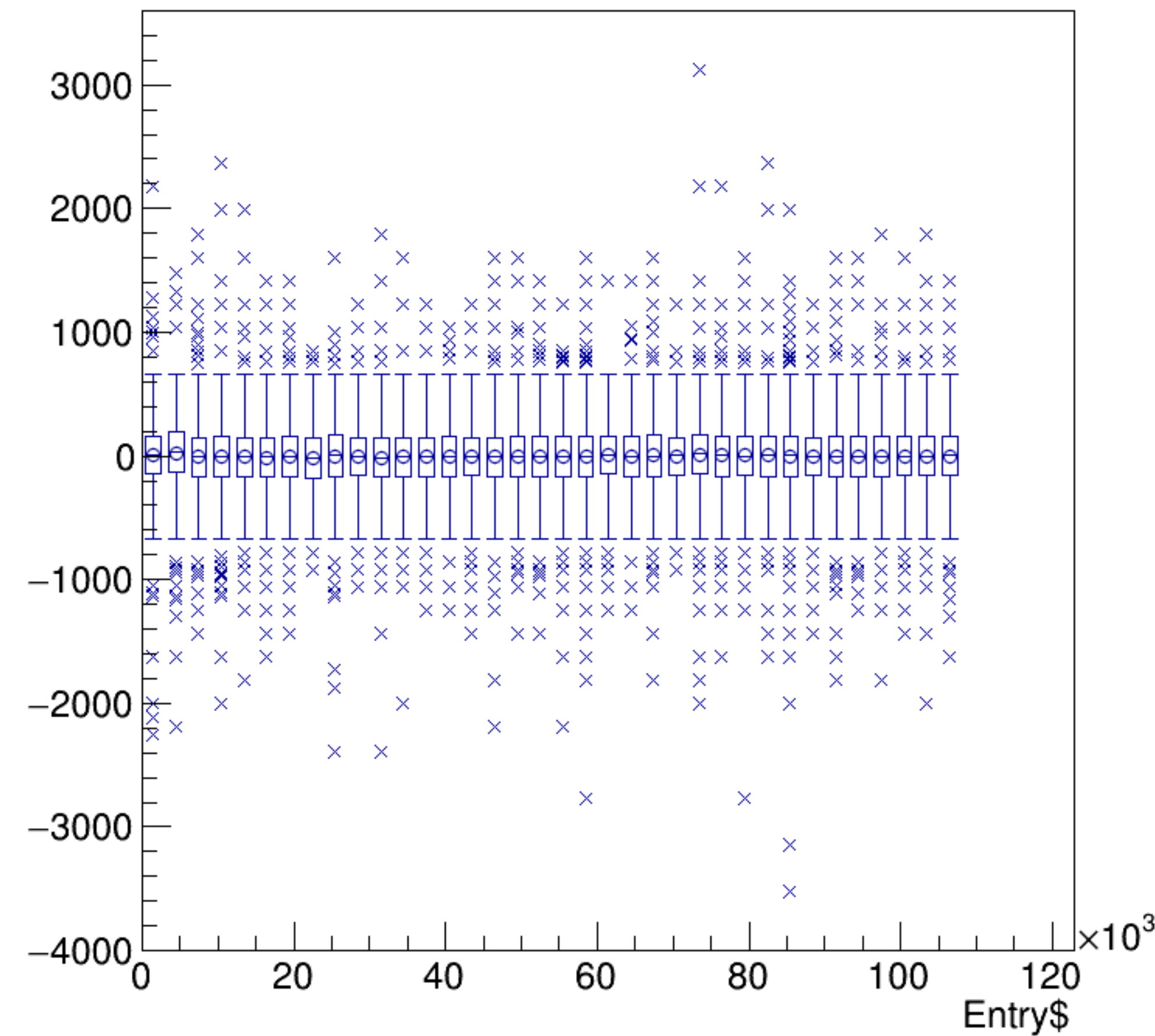
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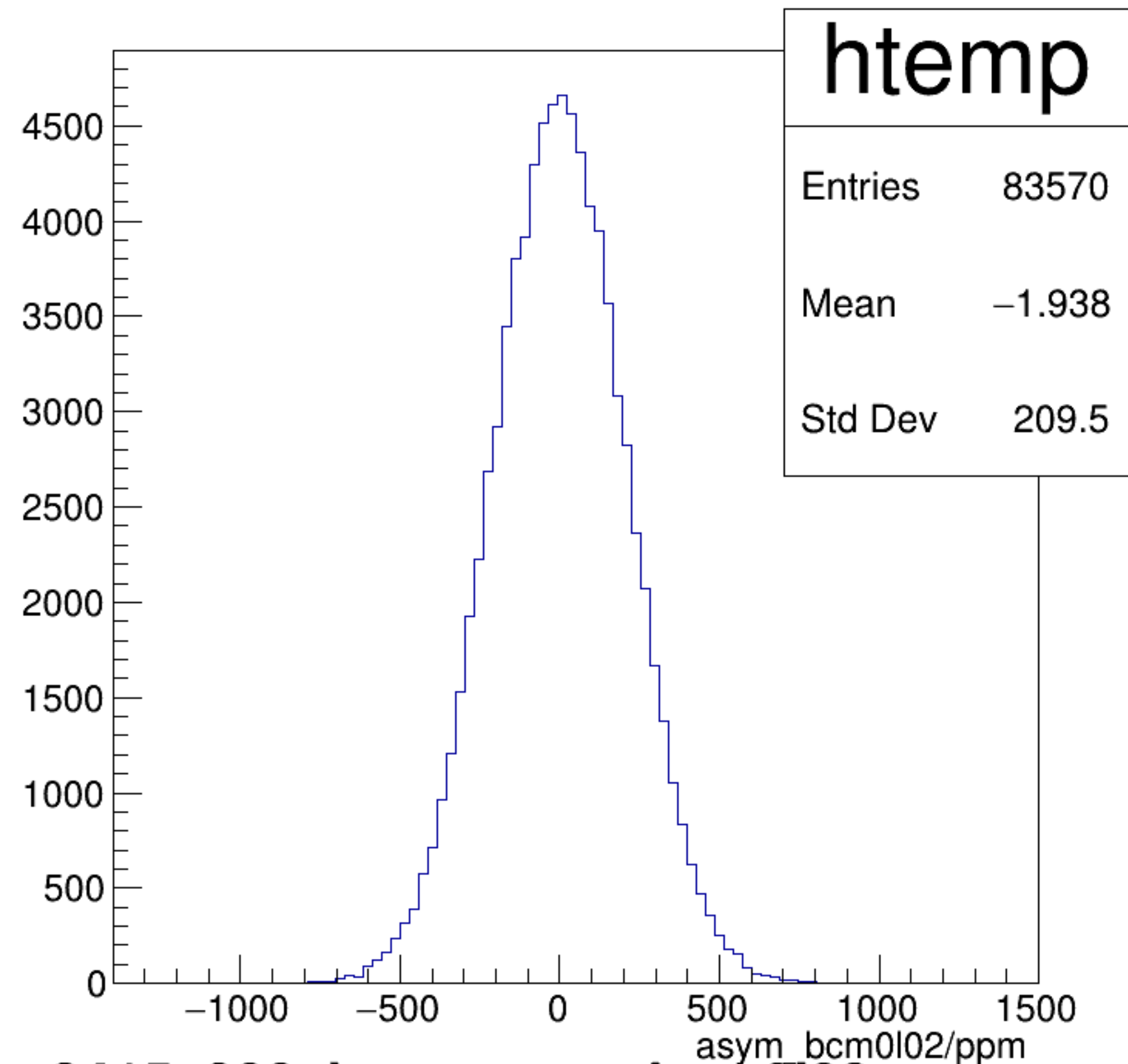


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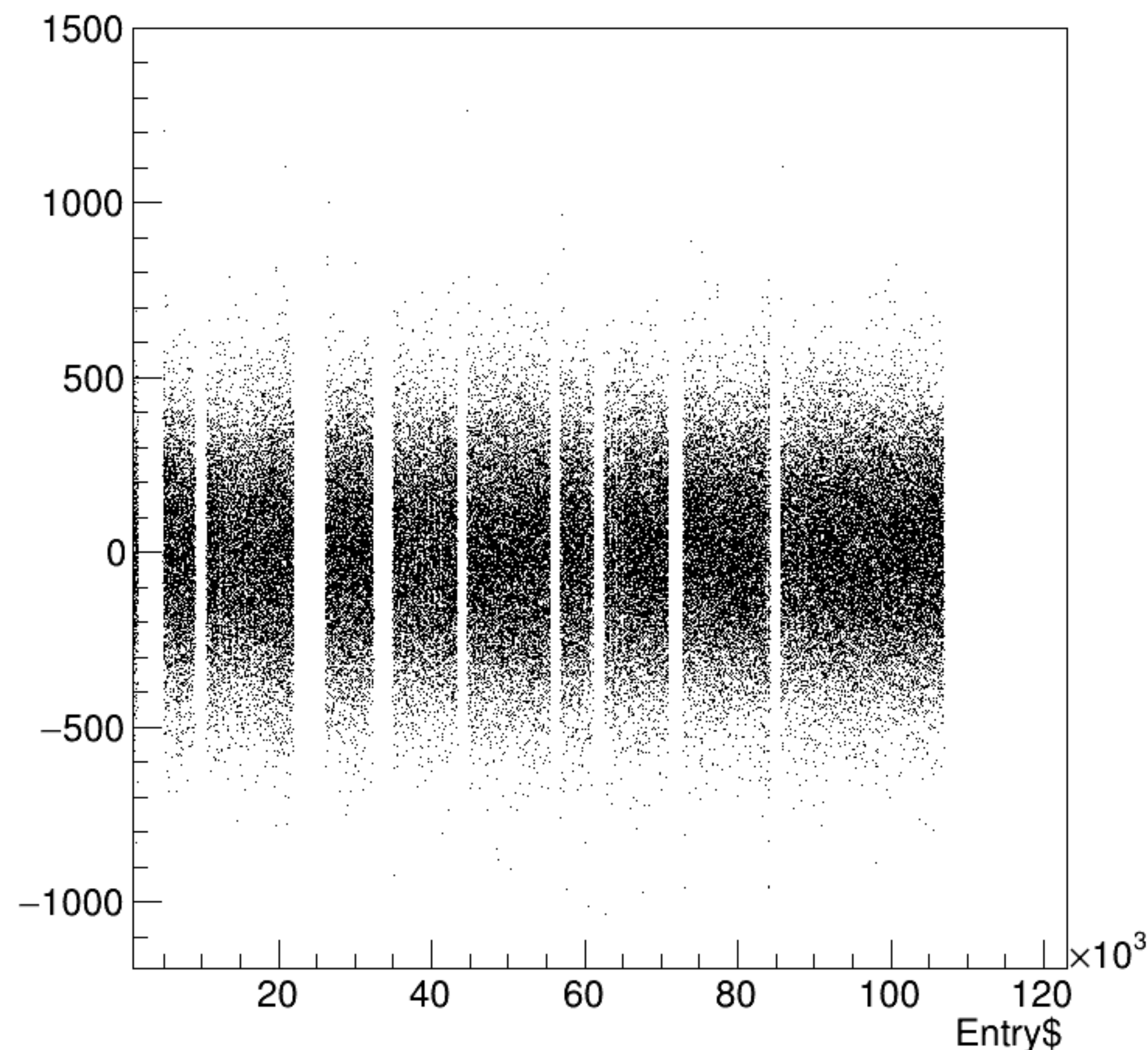


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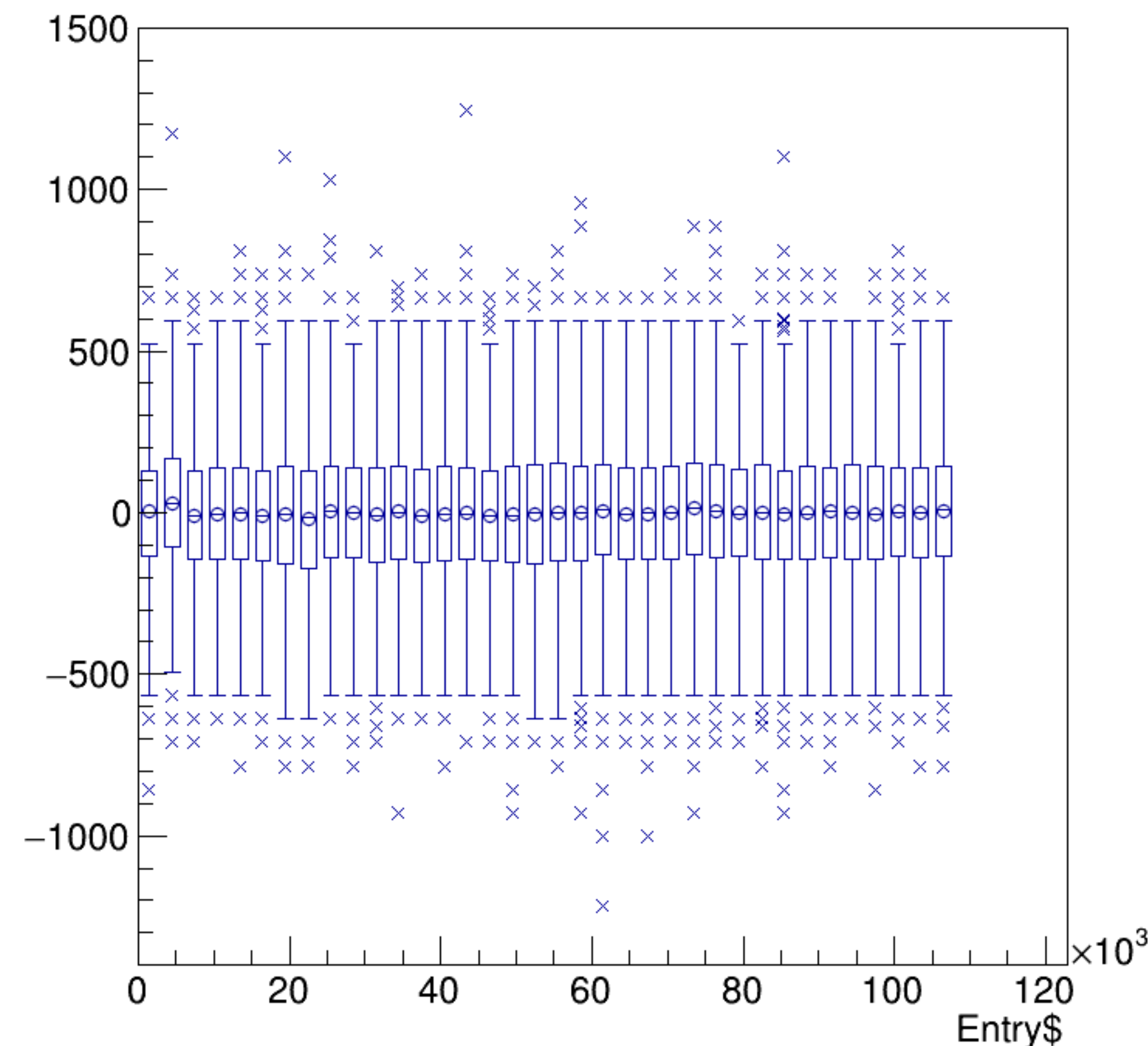
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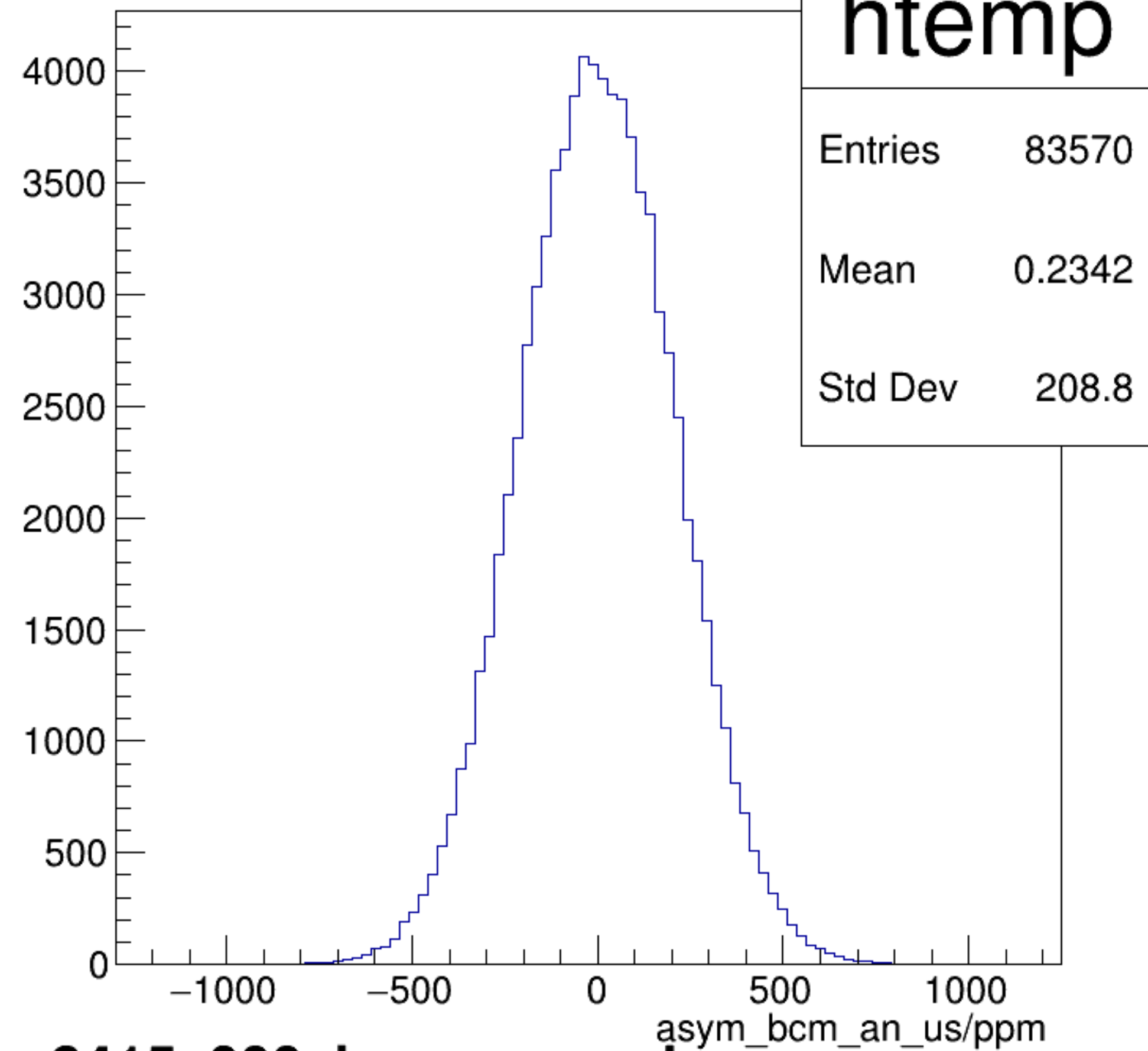
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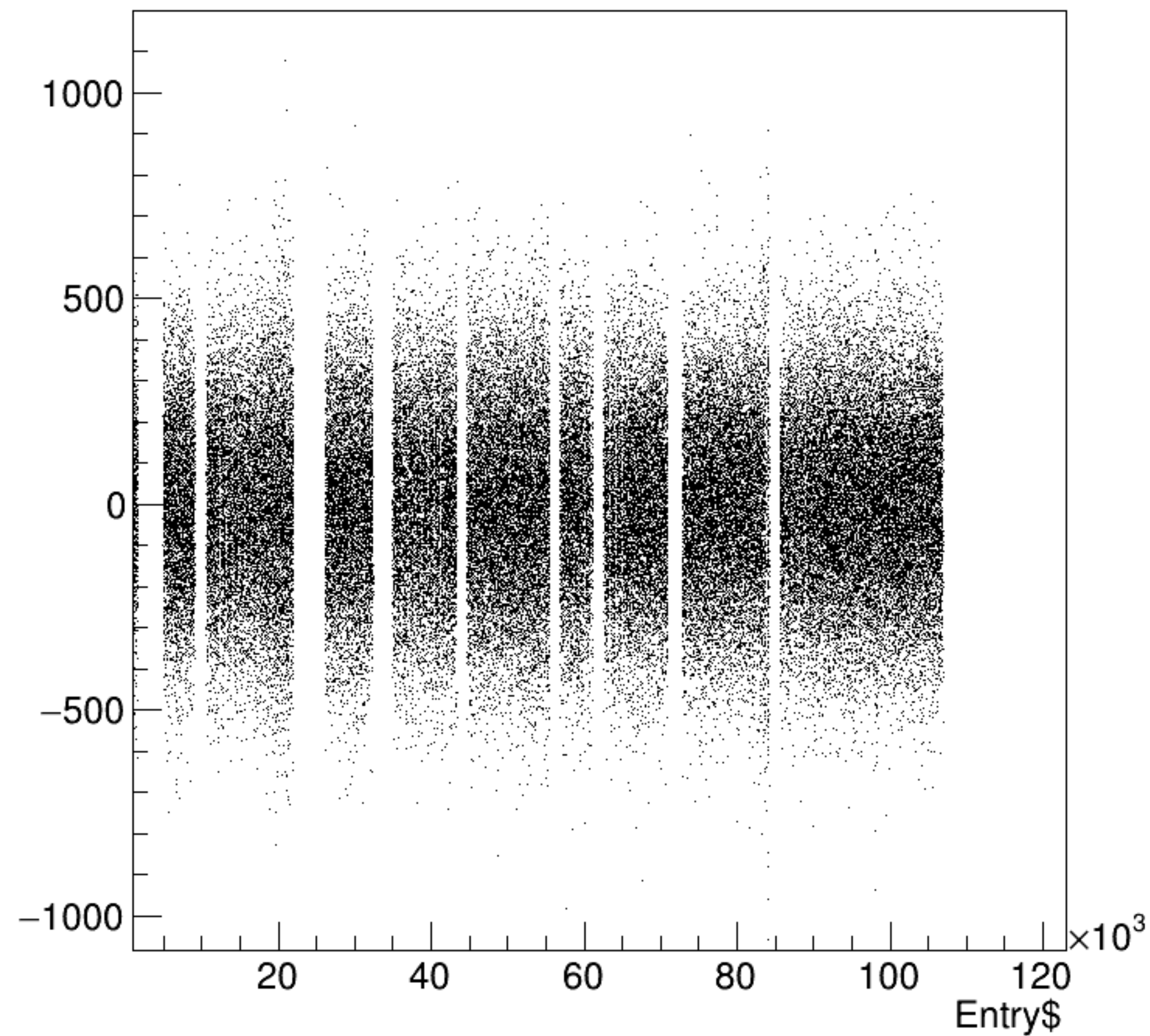


asym_bcm_an_us/ppm {ErrorFlag==0}

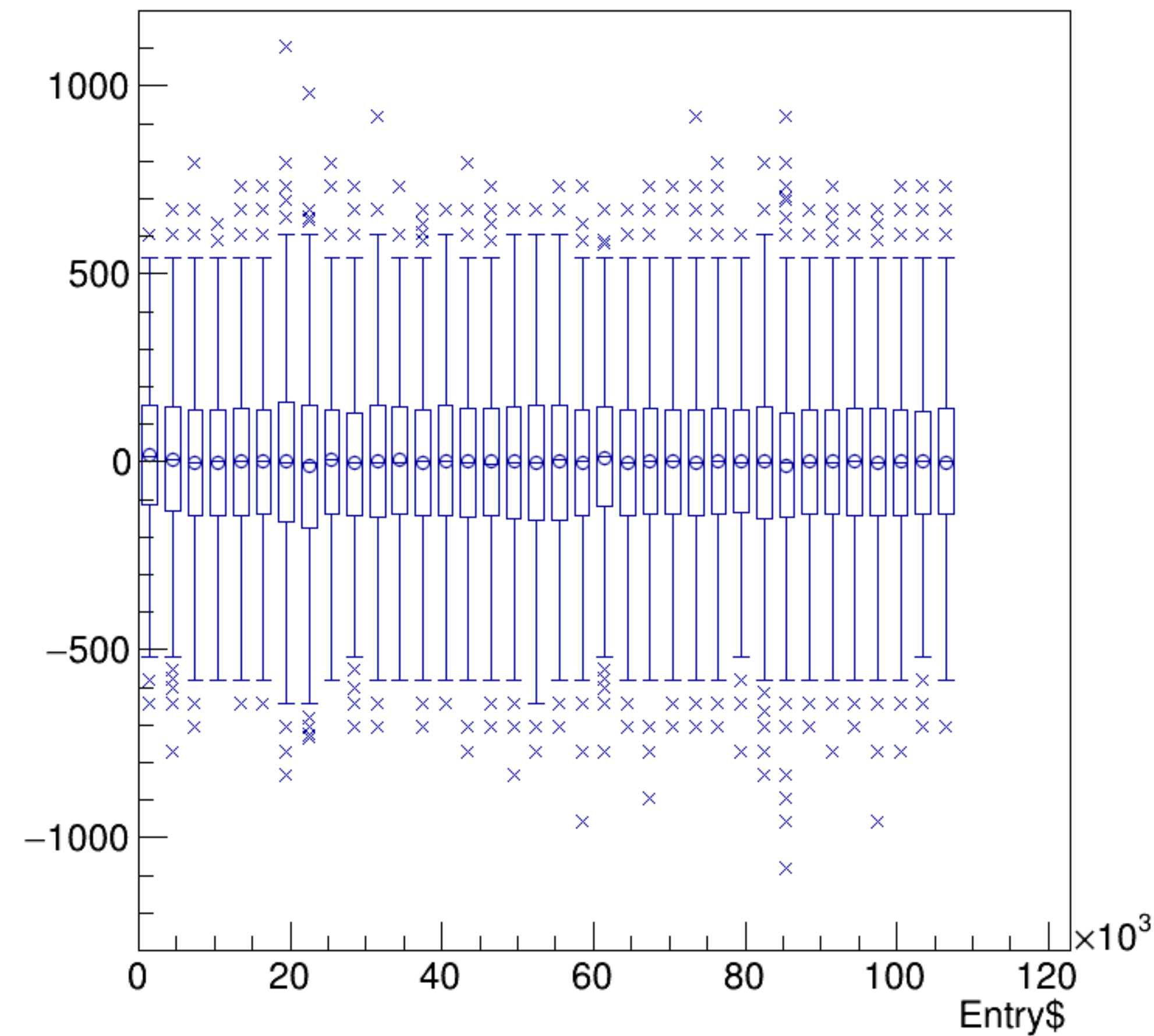


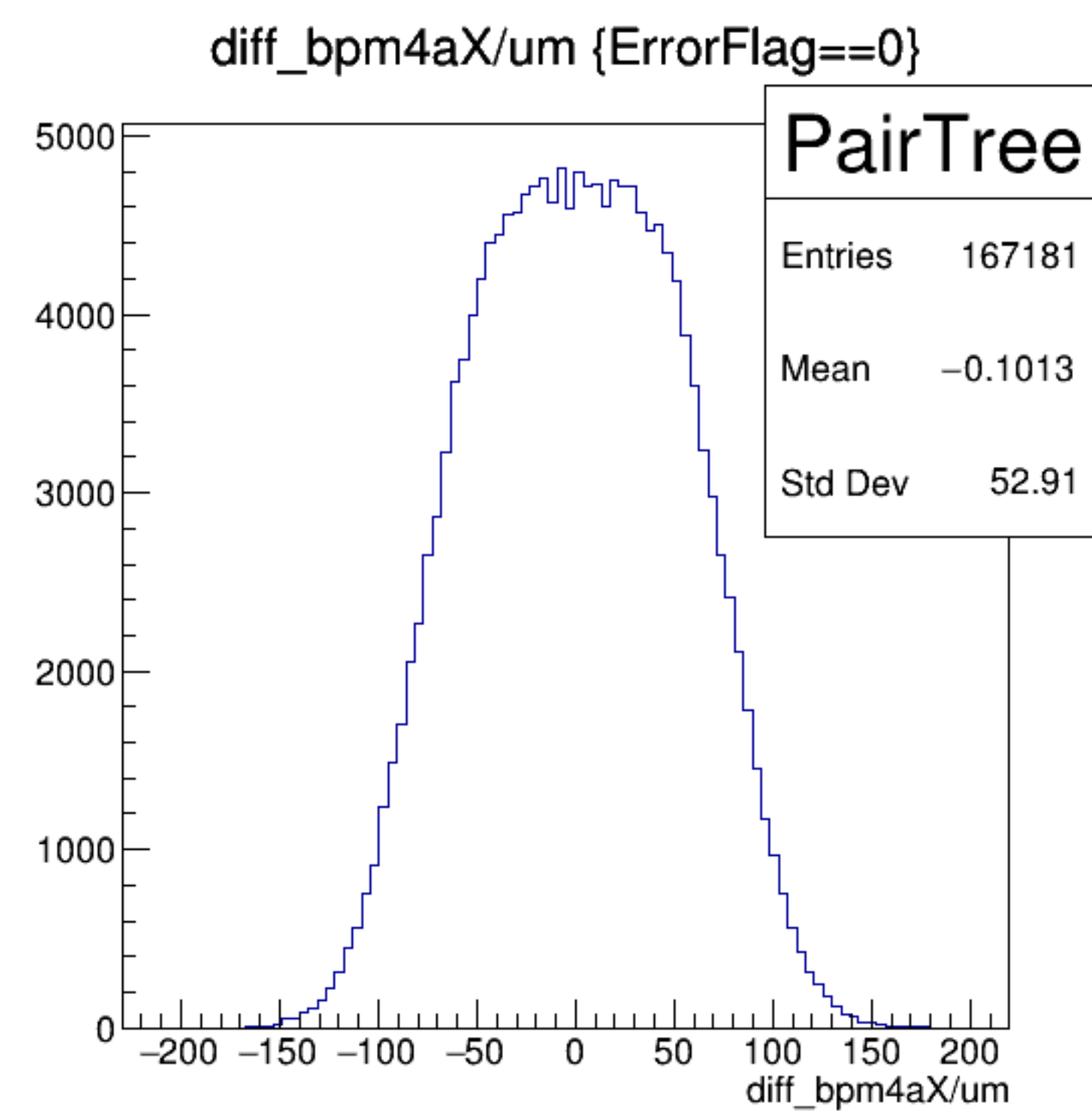
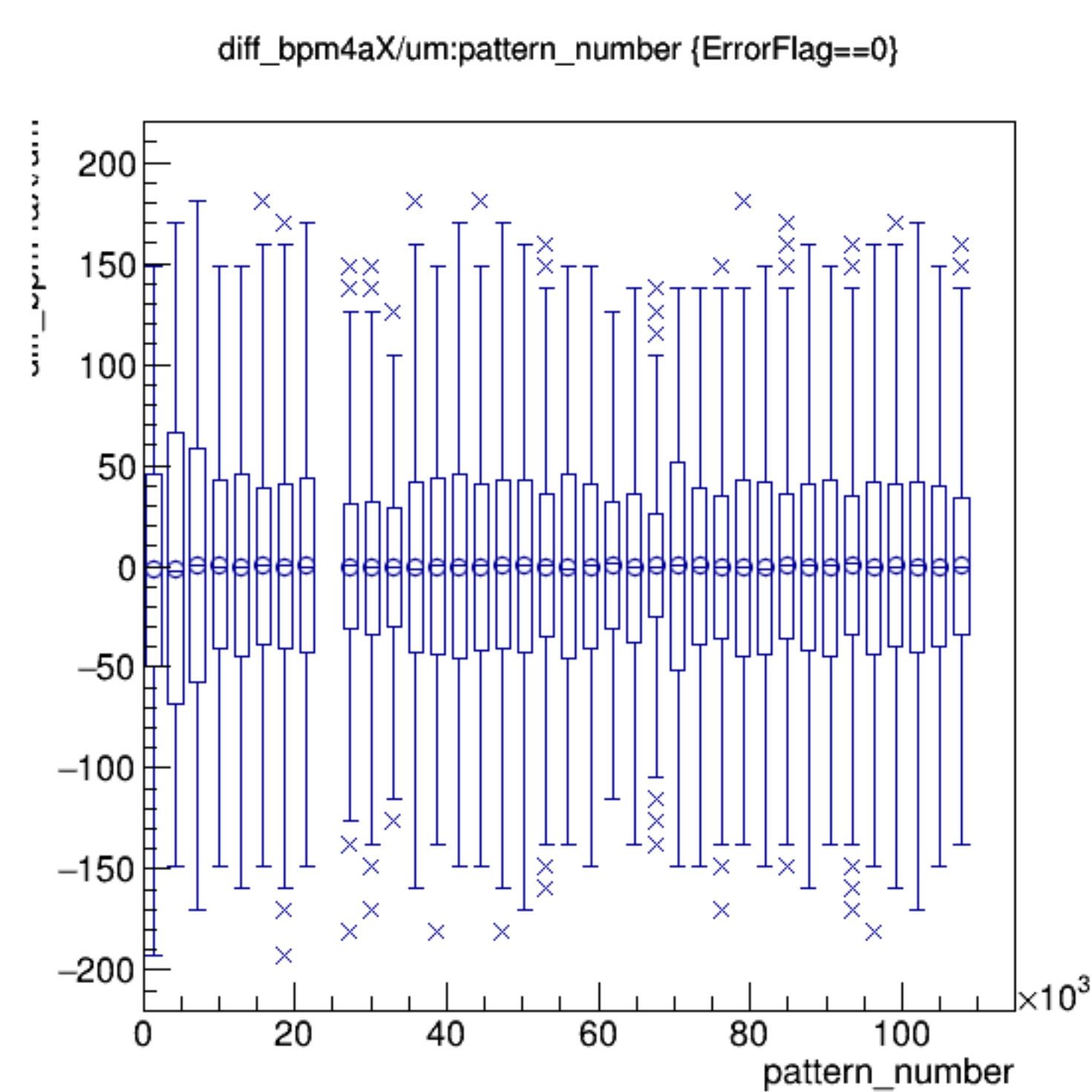
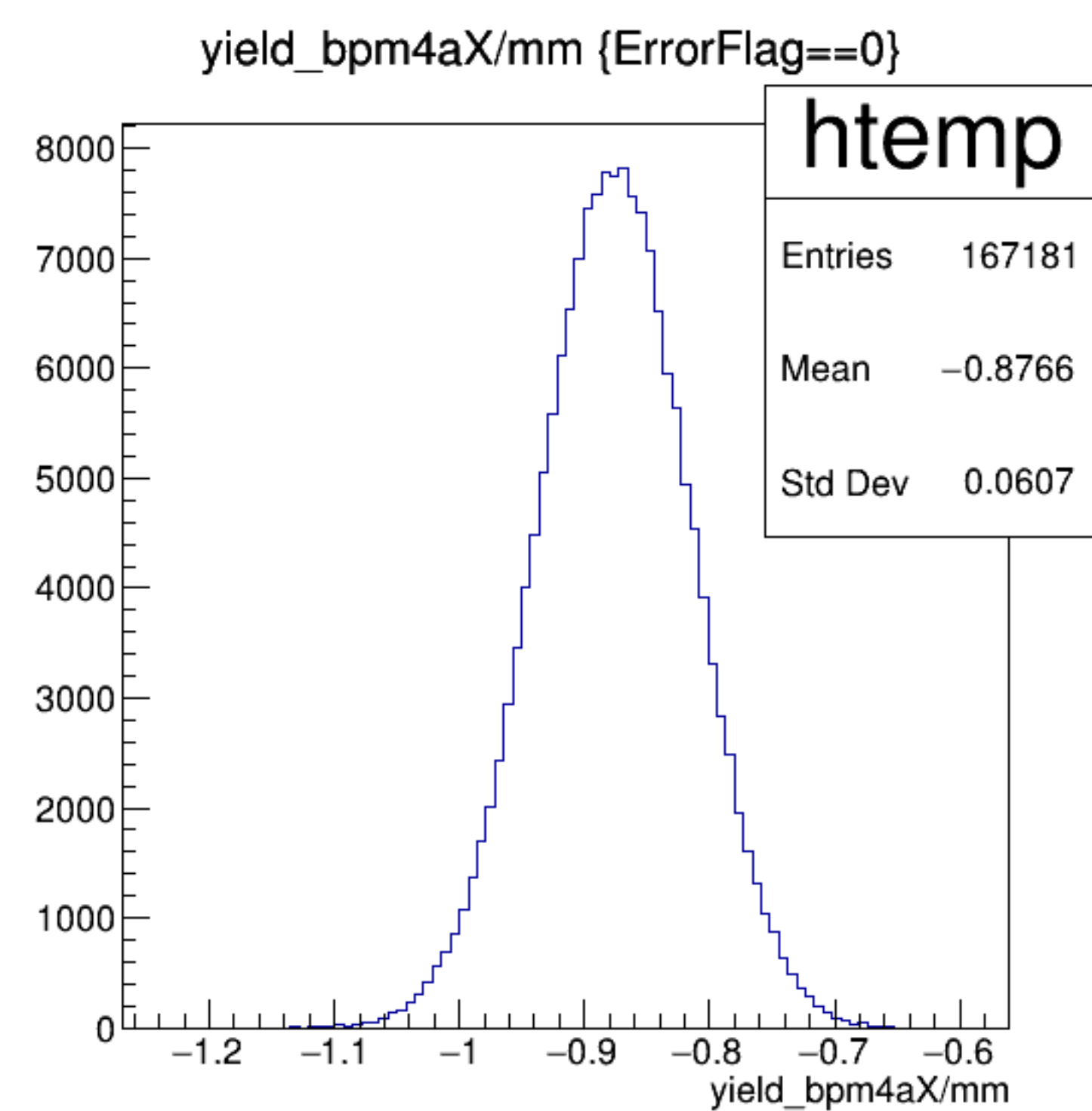
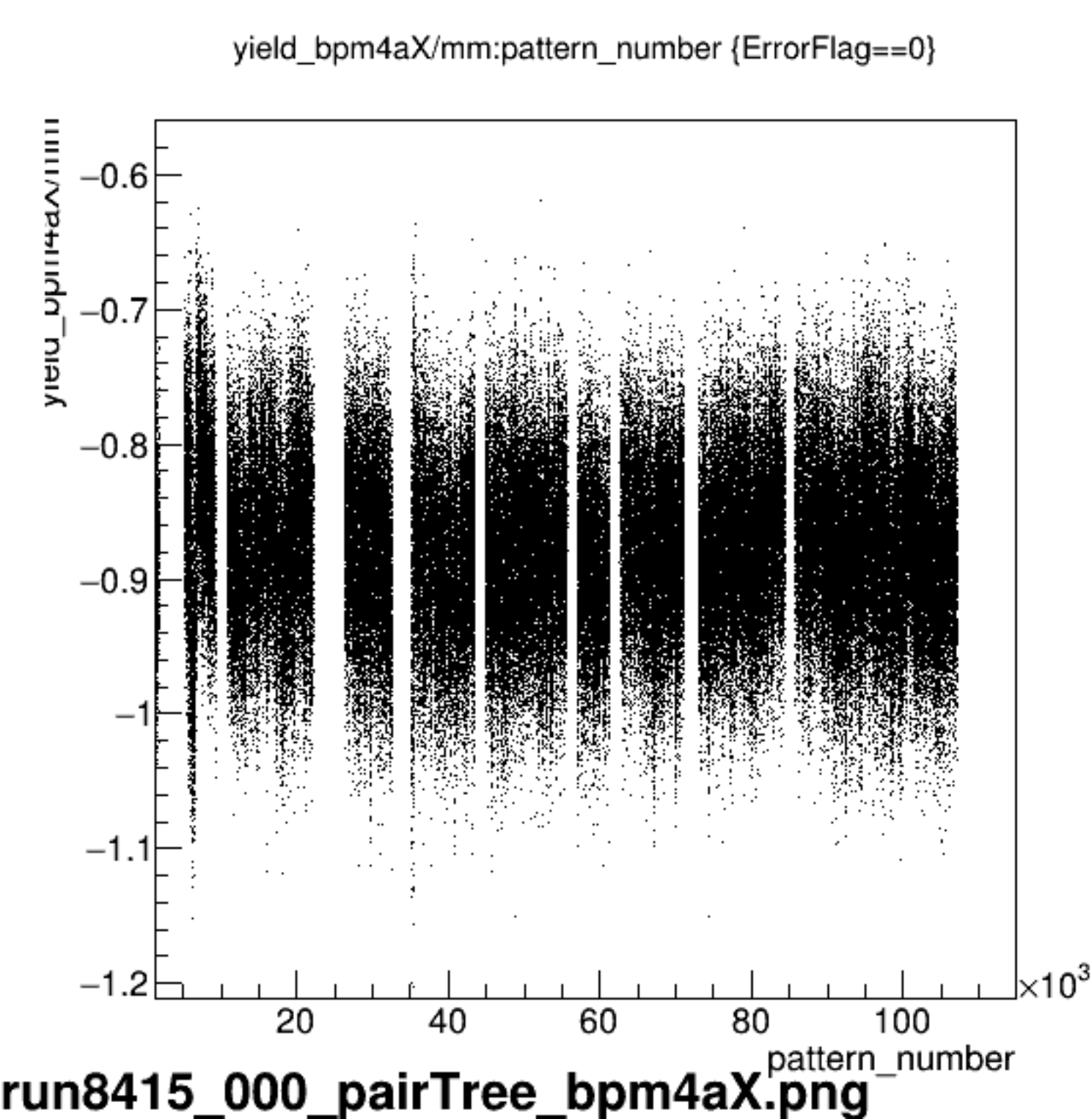
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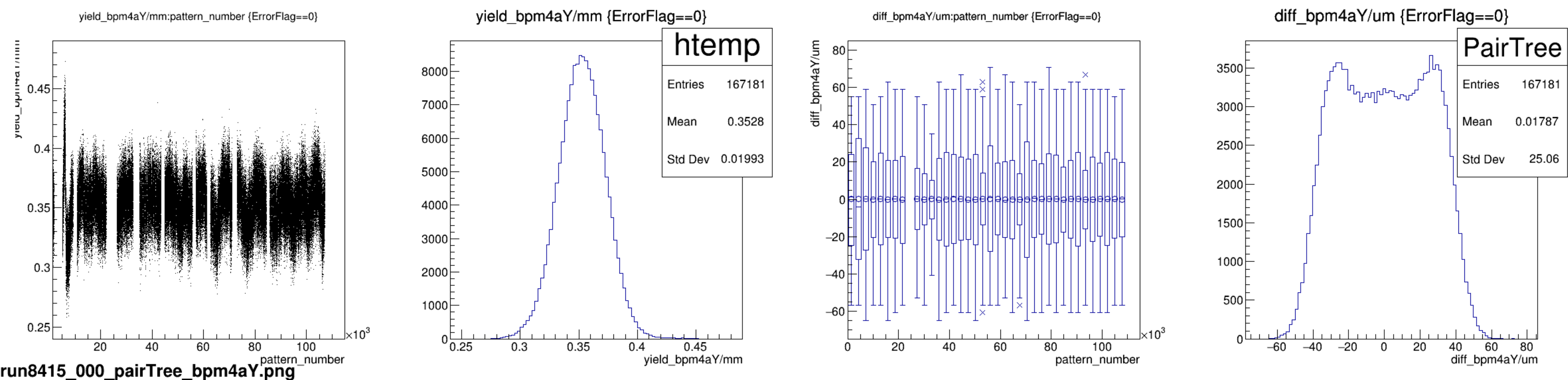
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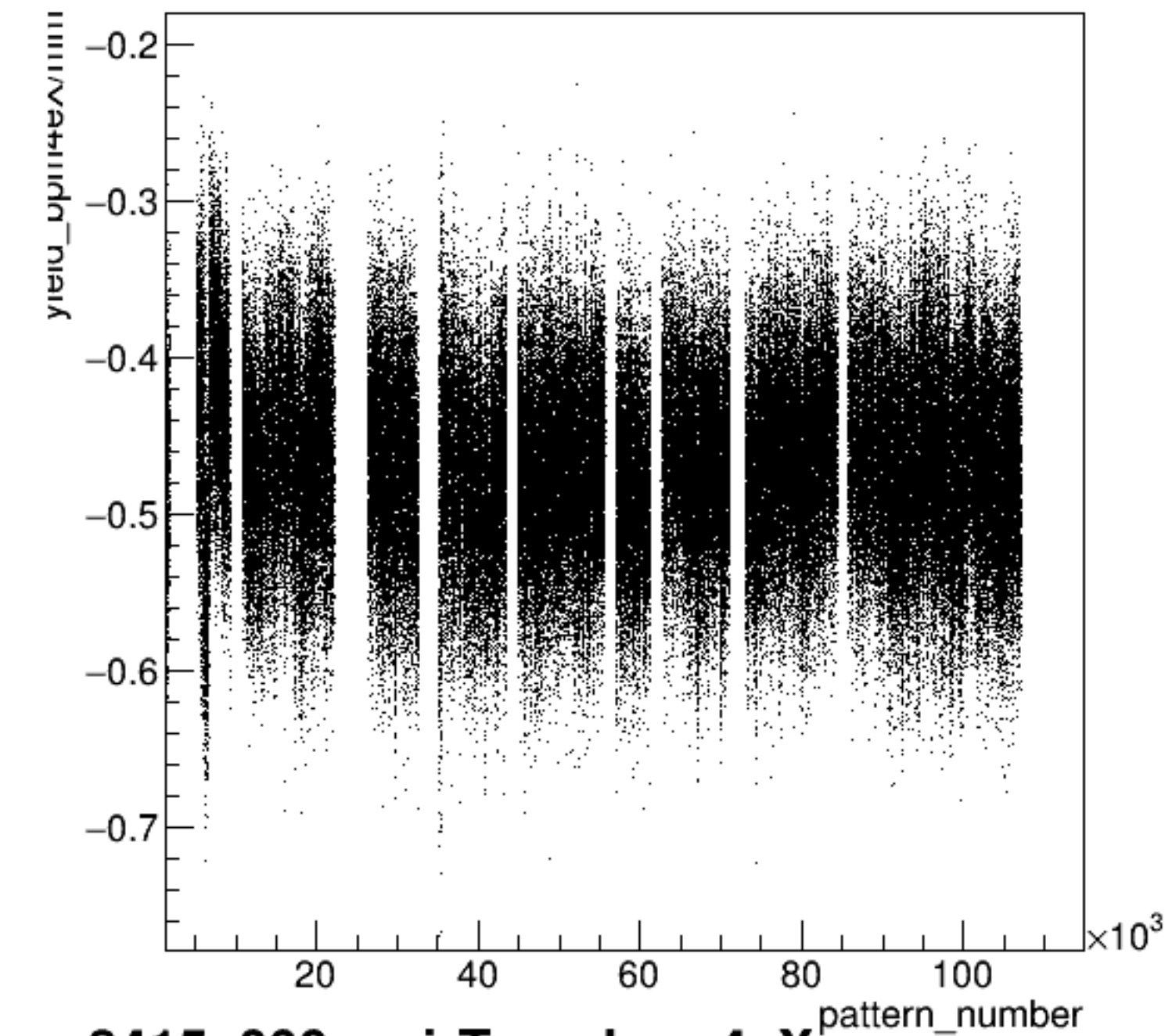
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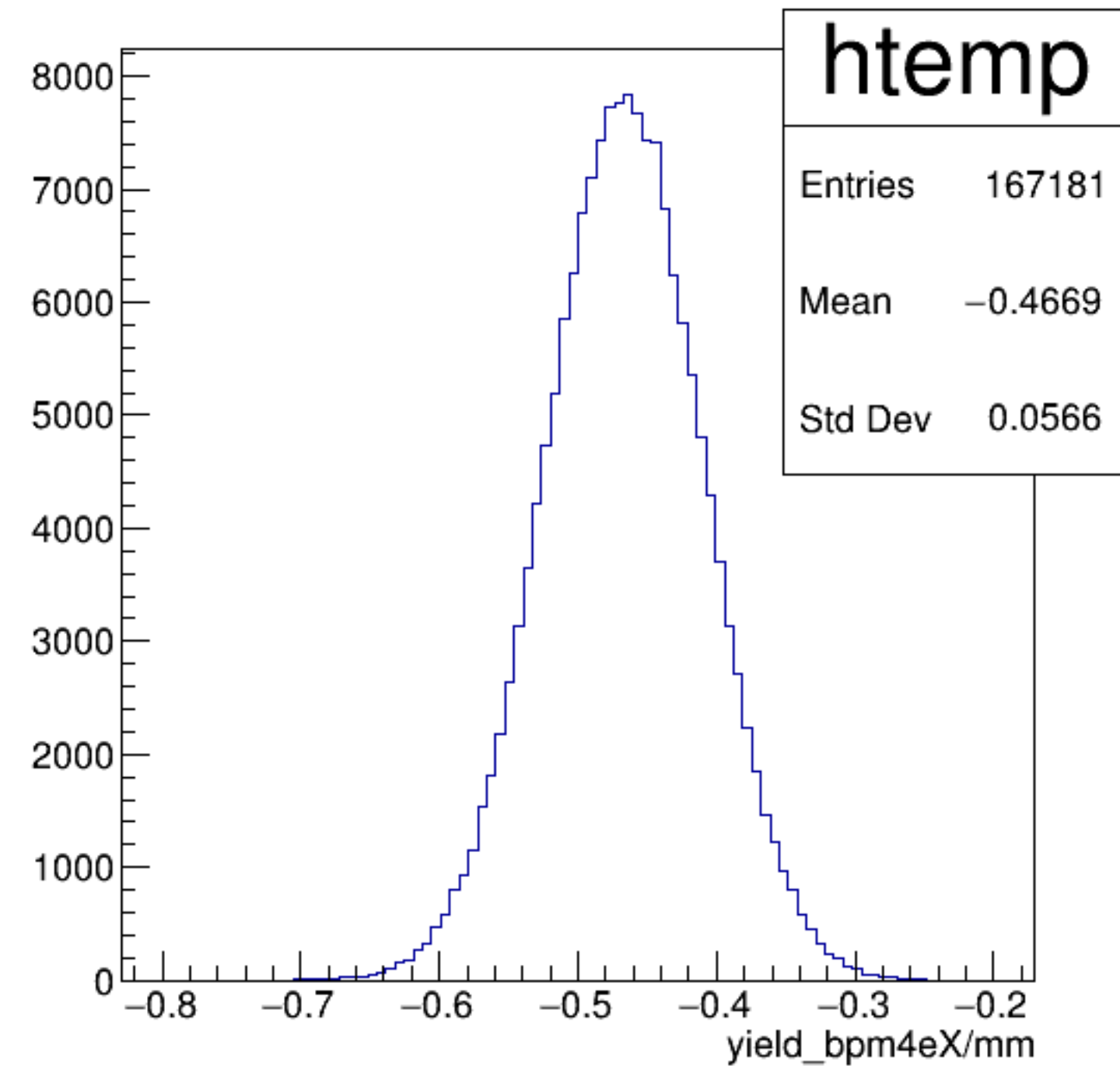


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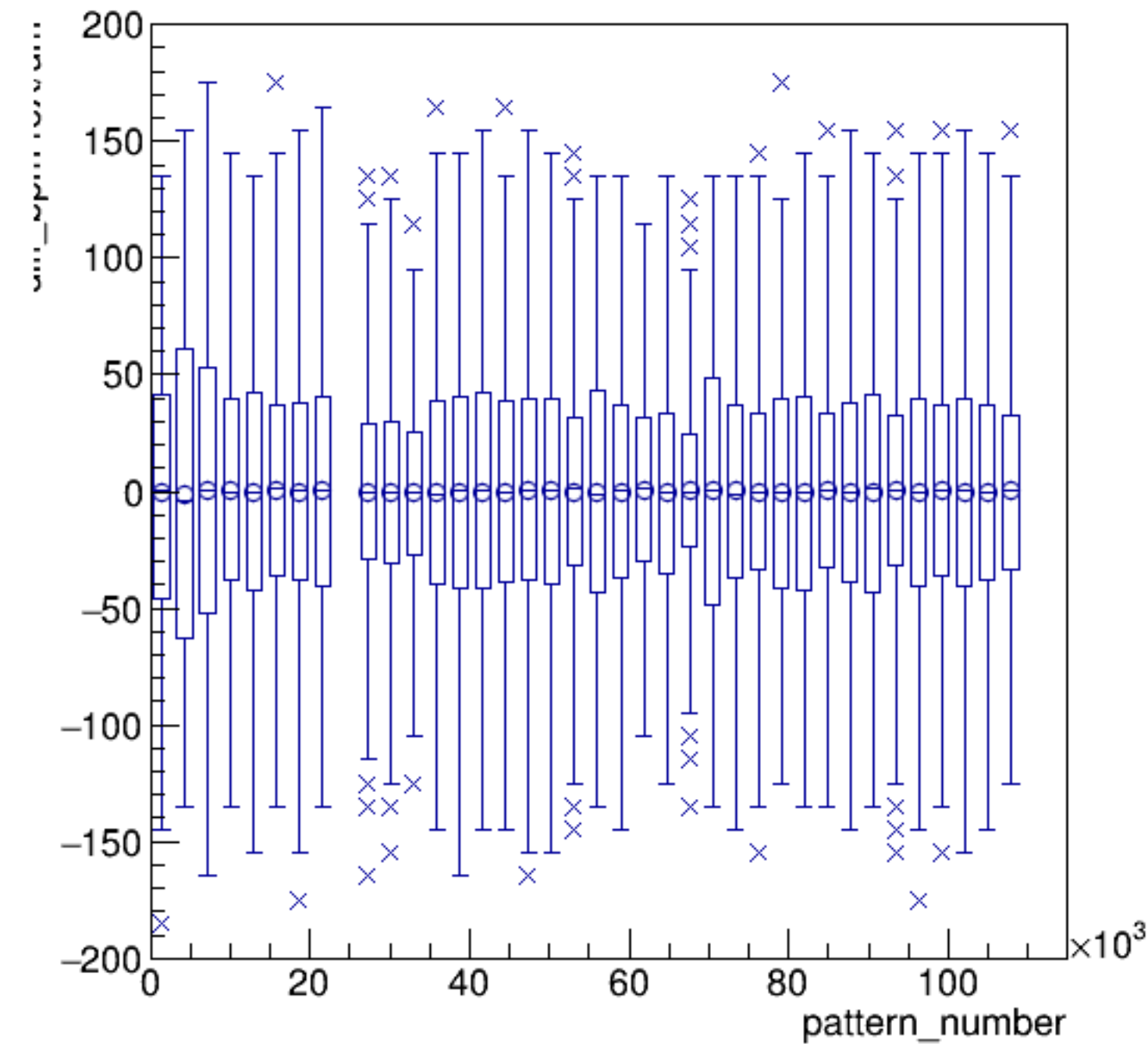


run8415_000_pairTree_bpm4eX.png

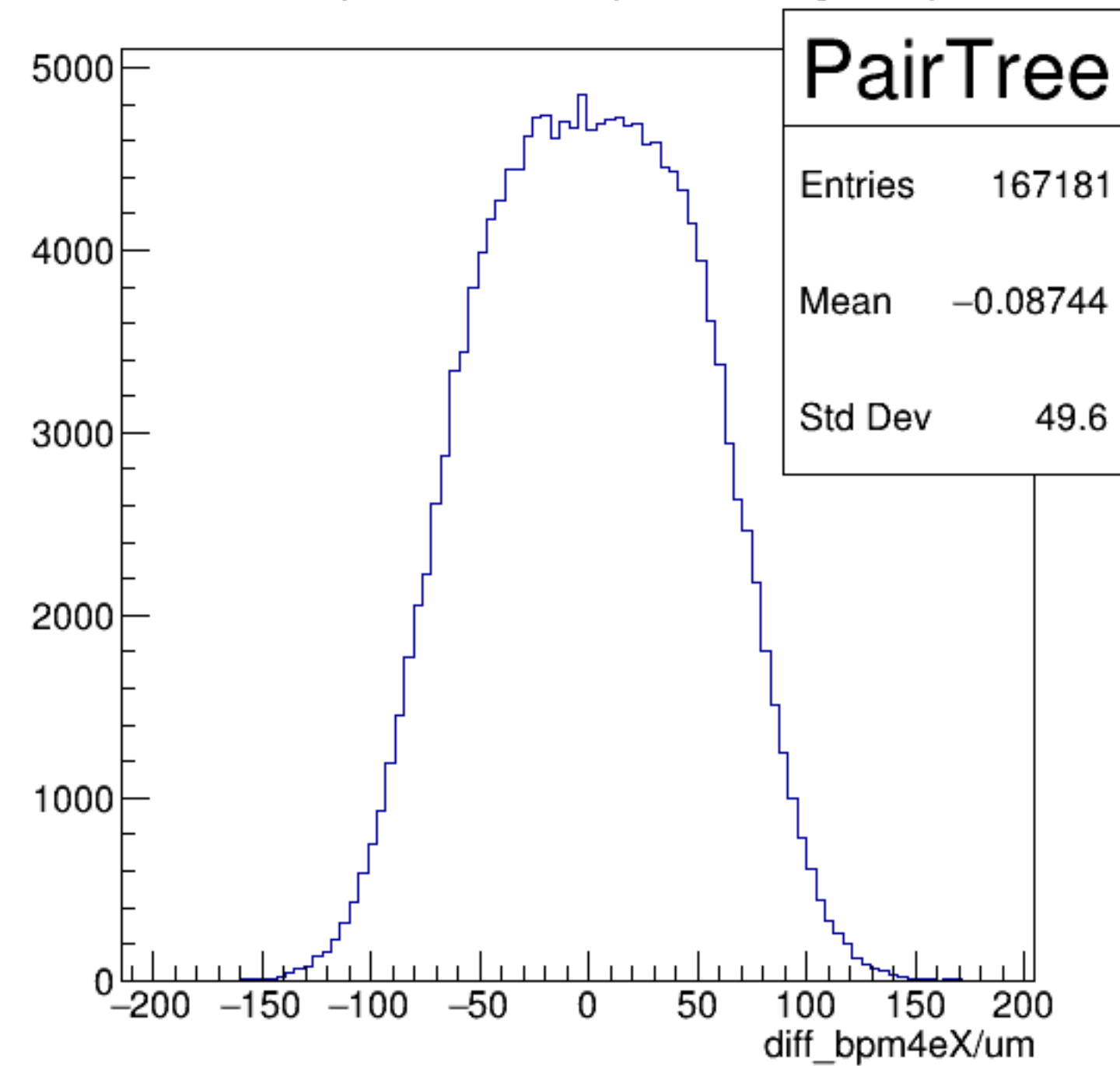
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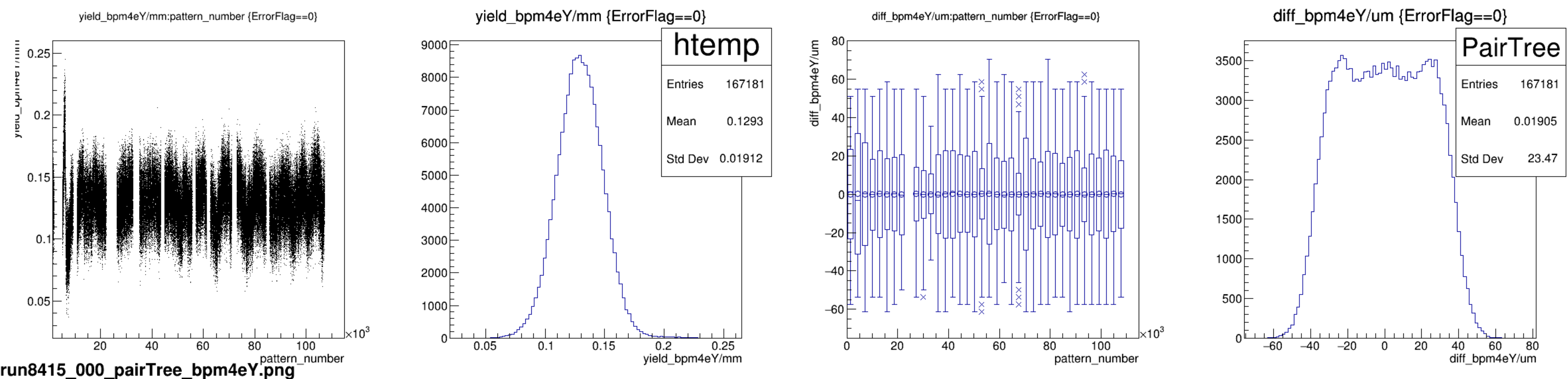


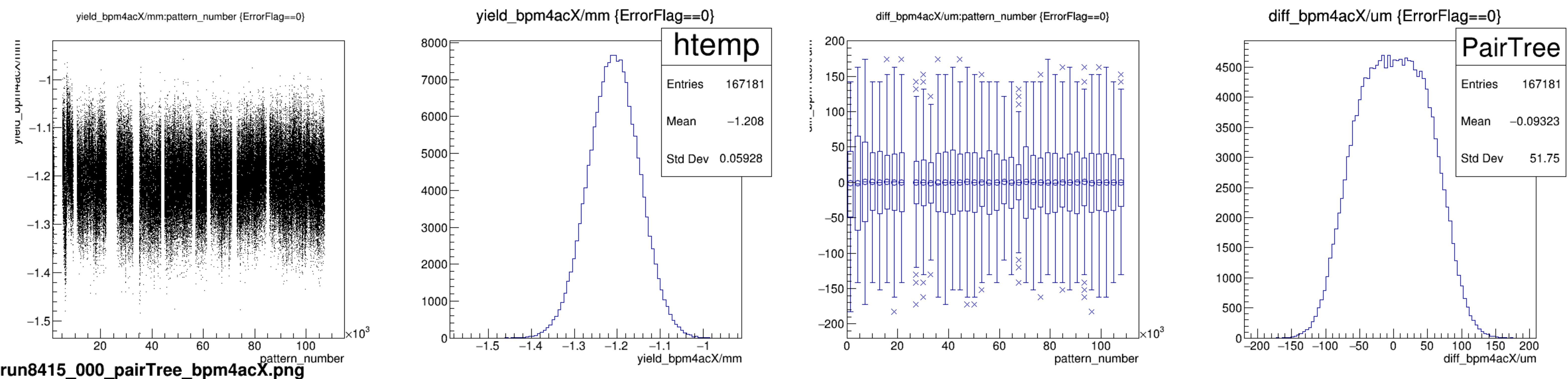
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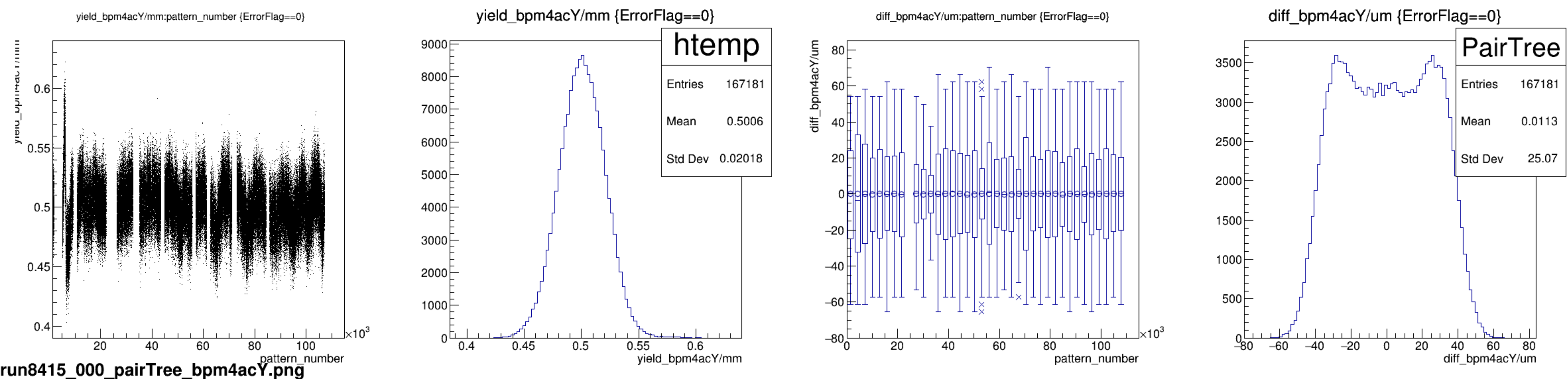


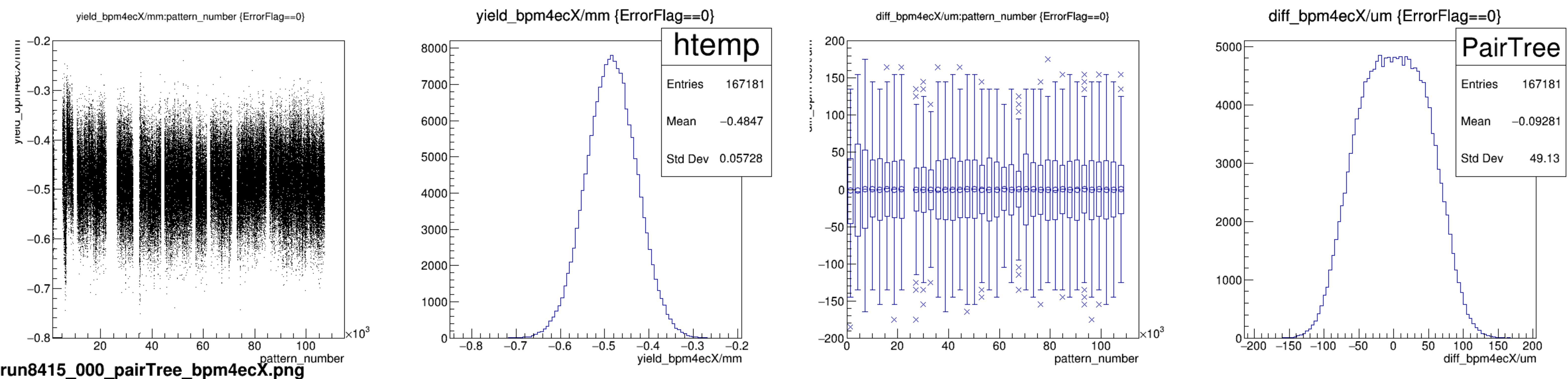
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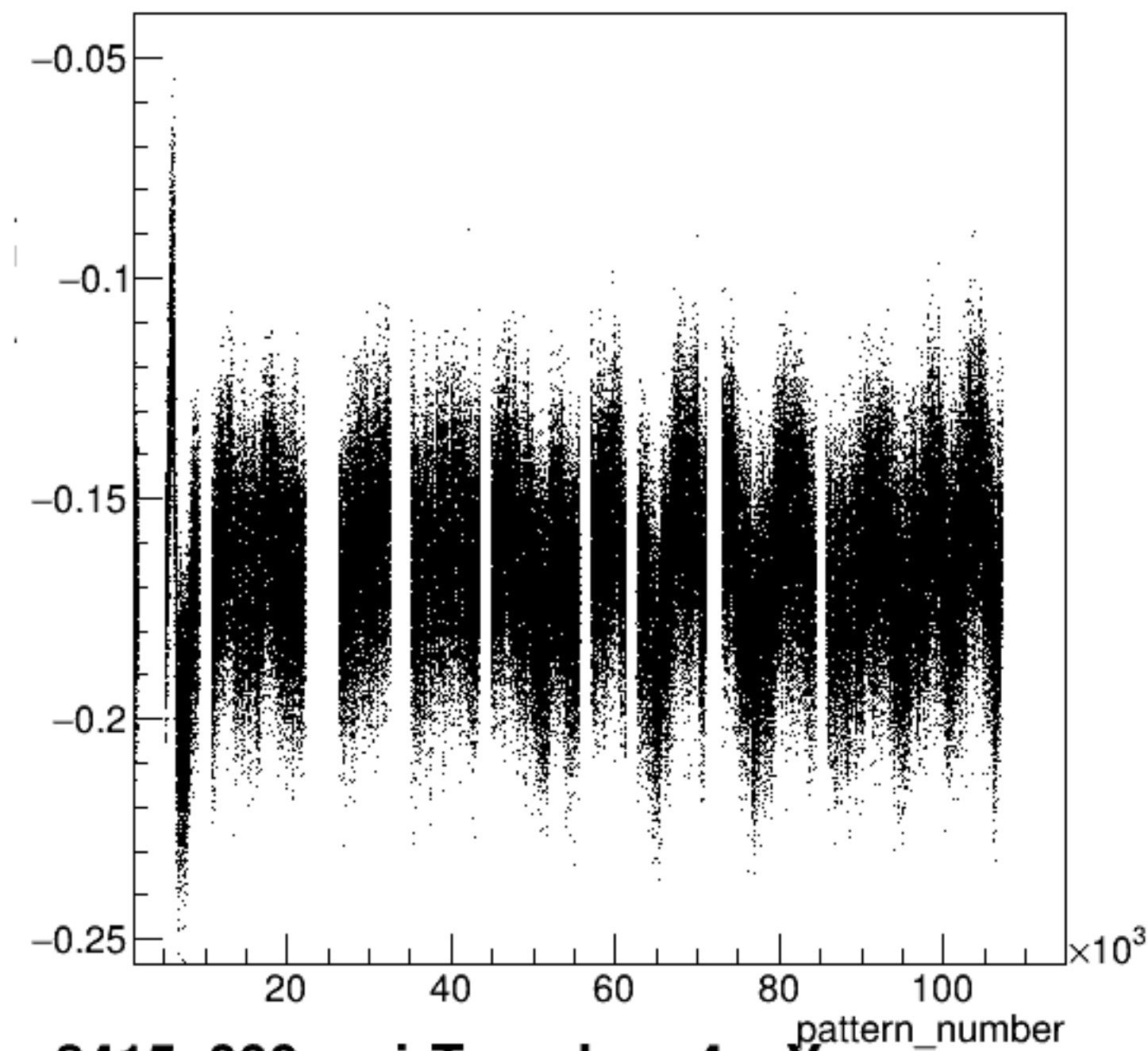




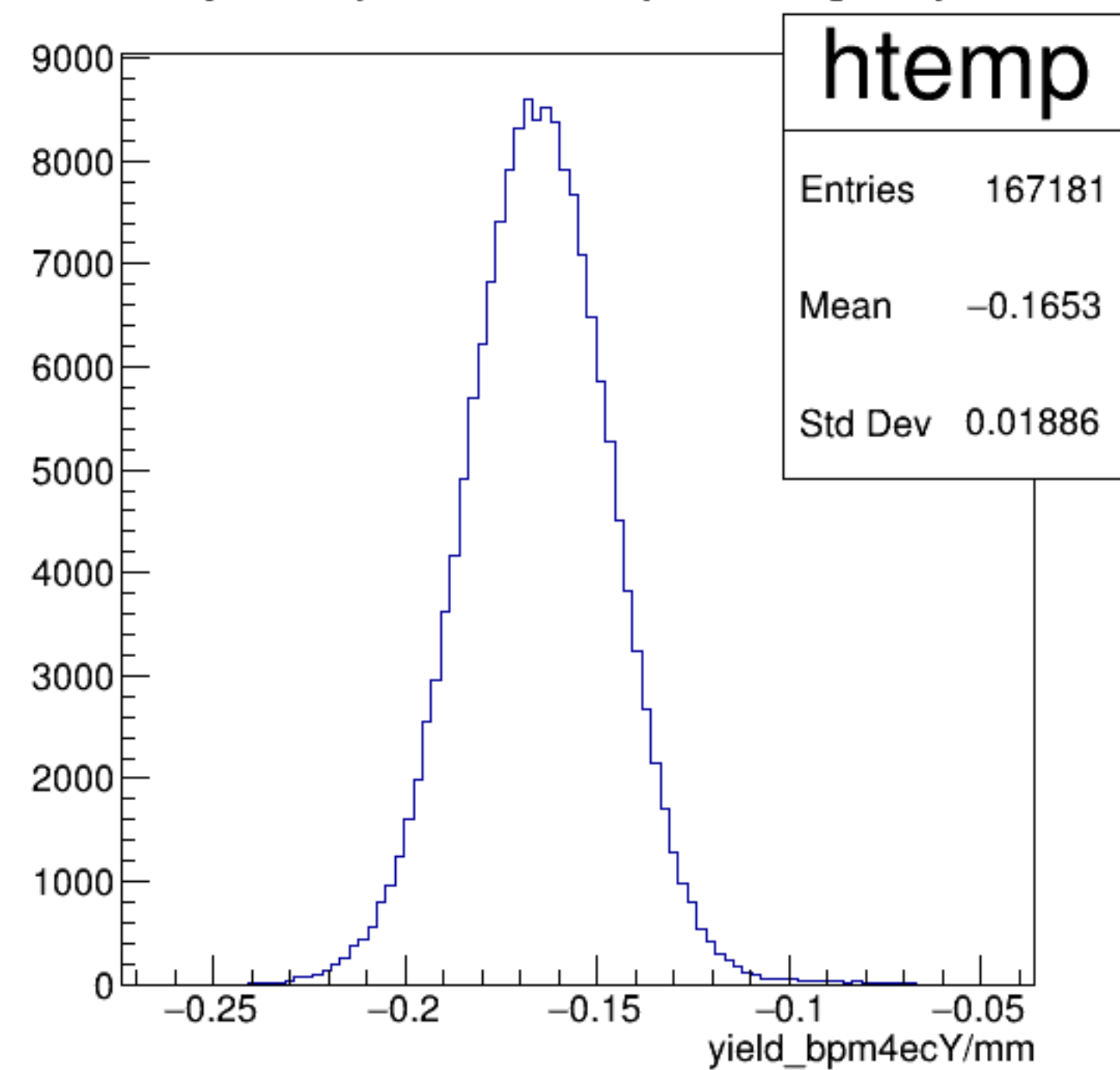




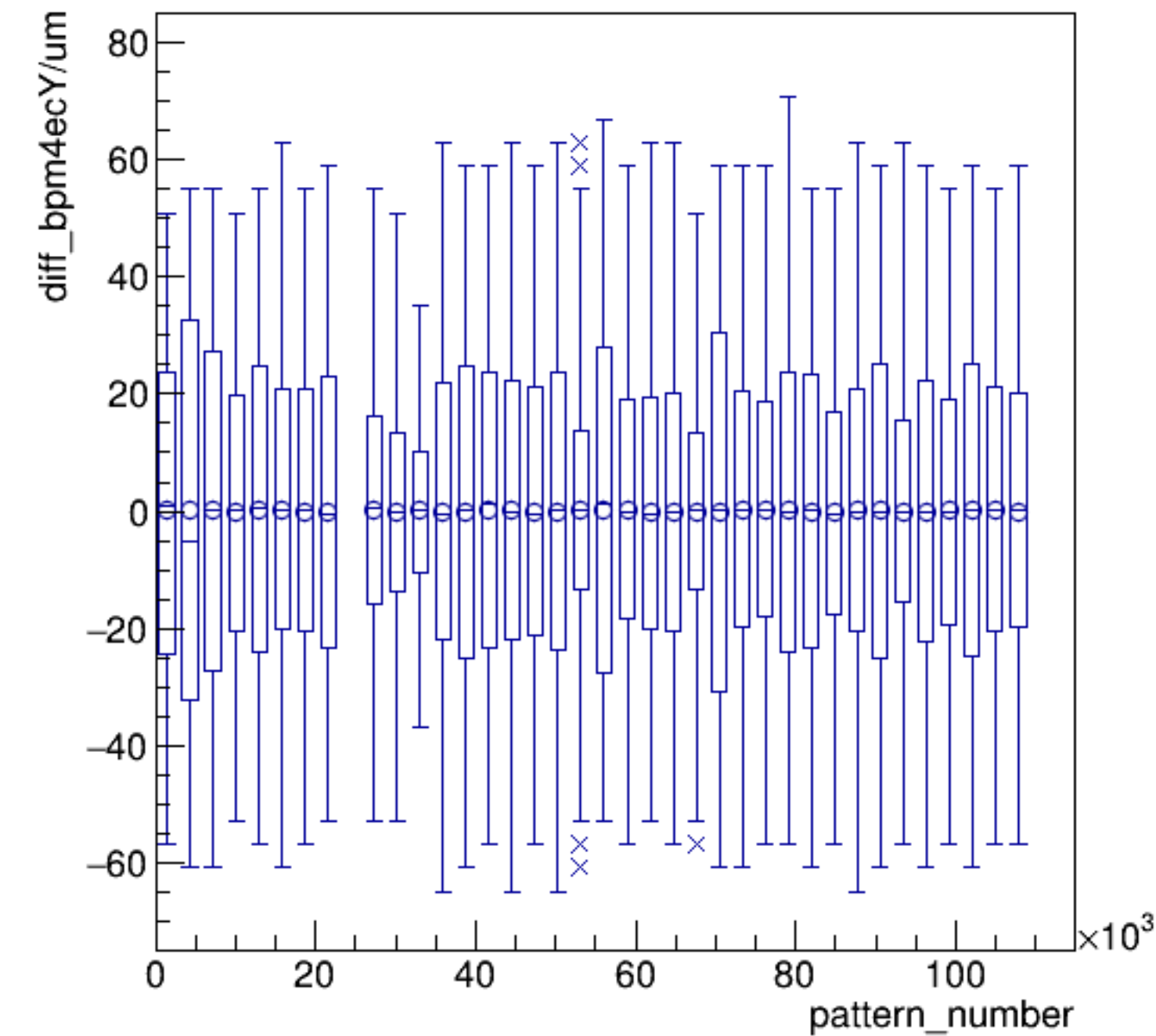
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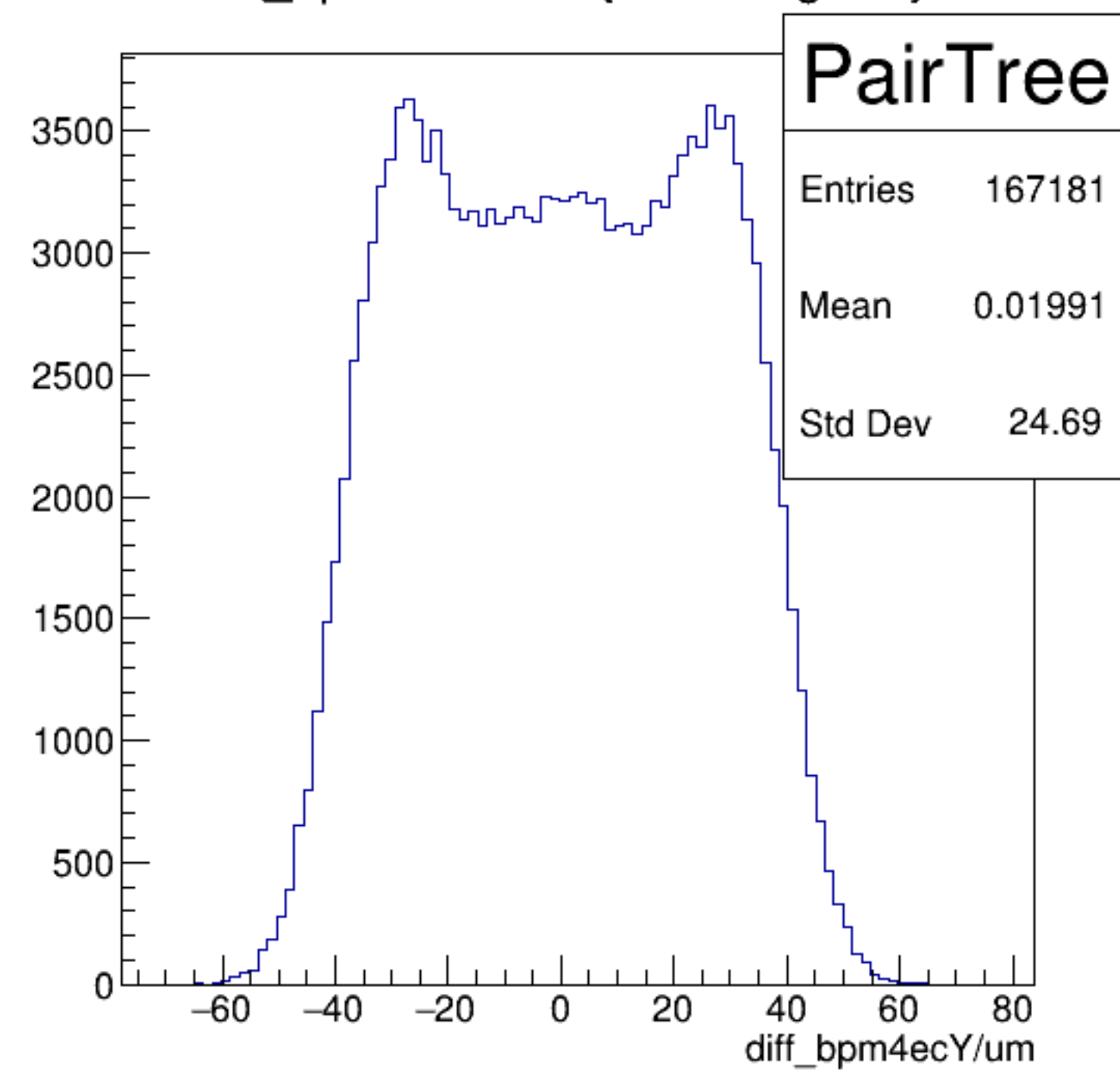
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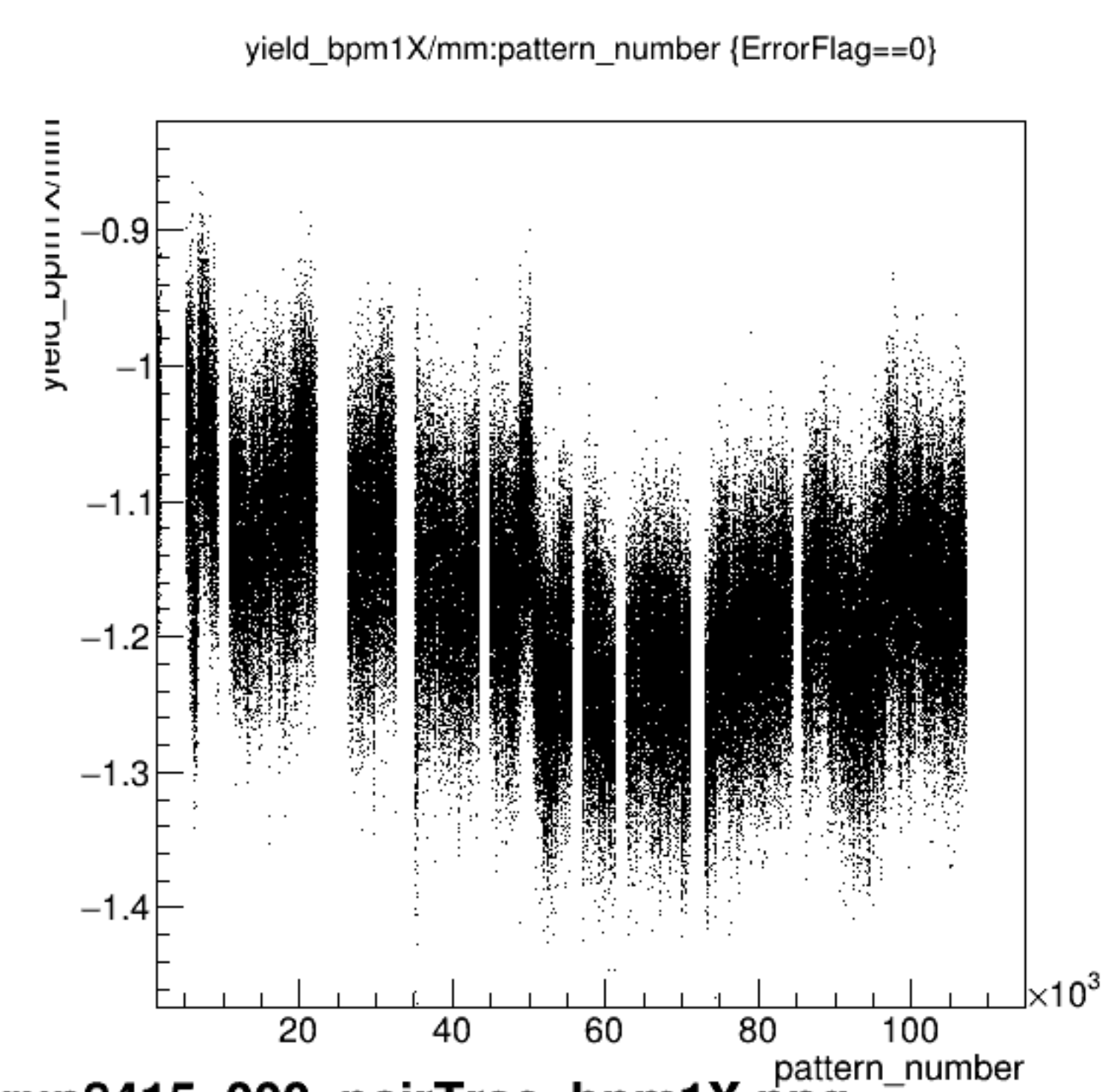


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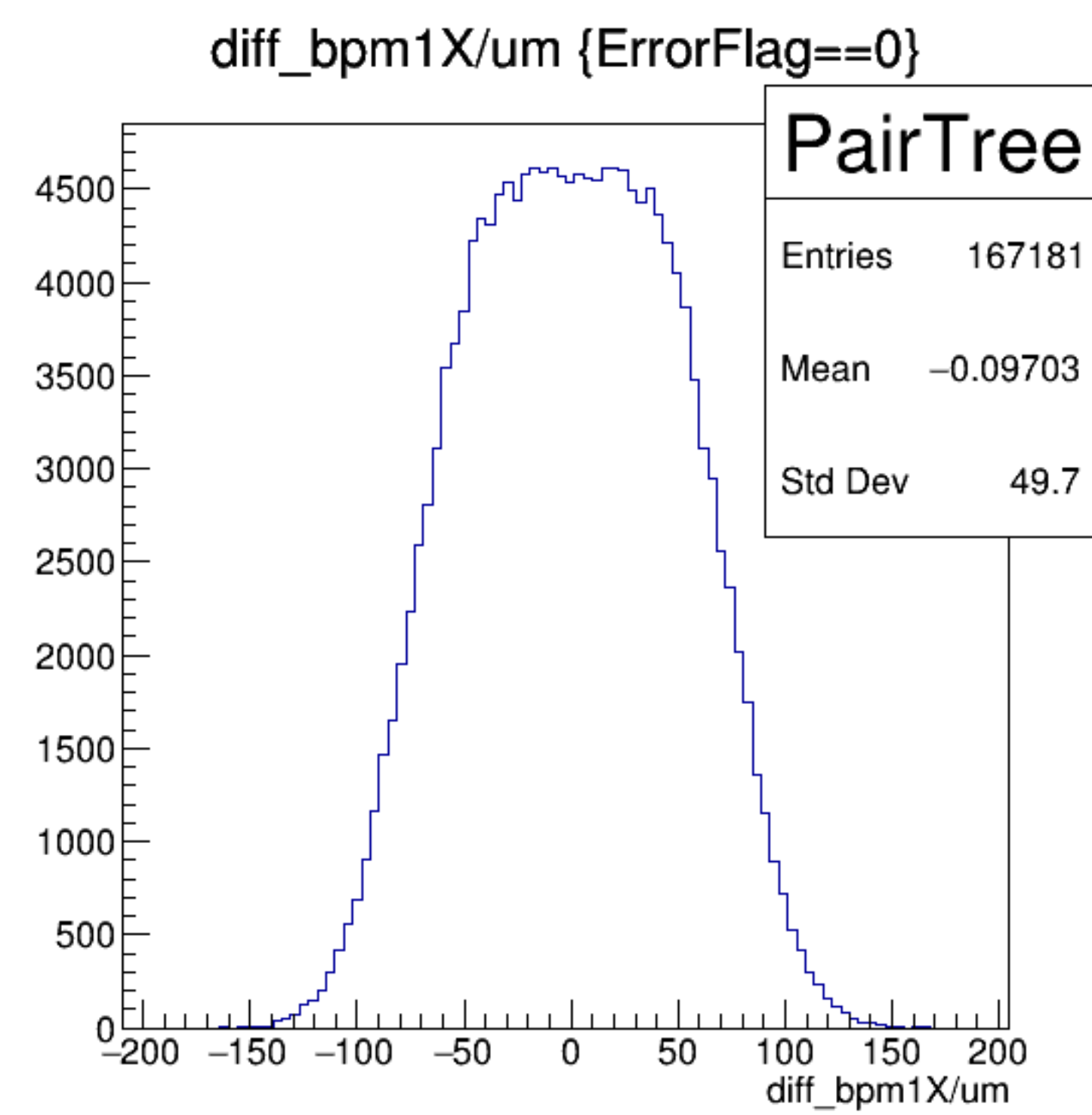
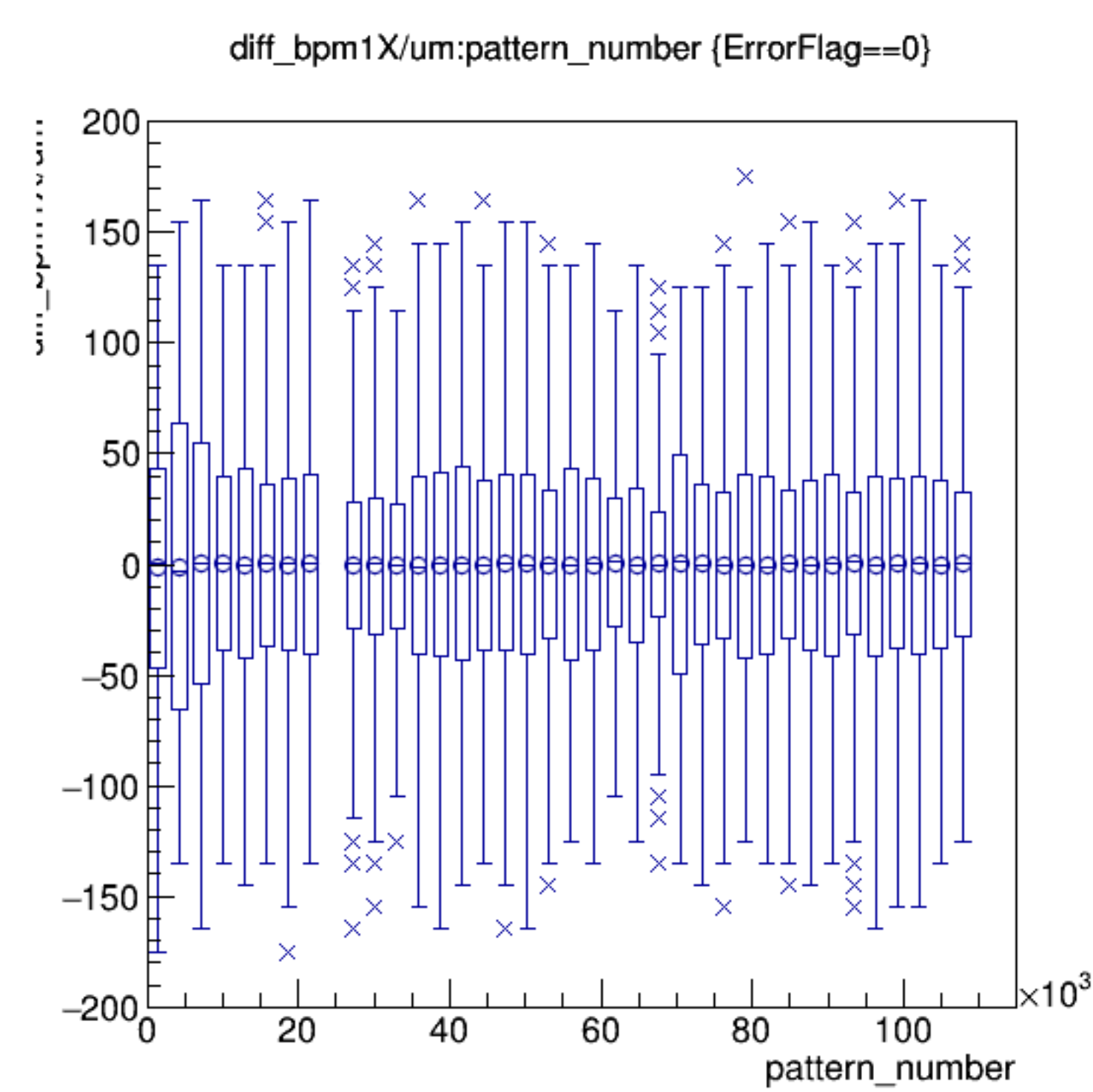
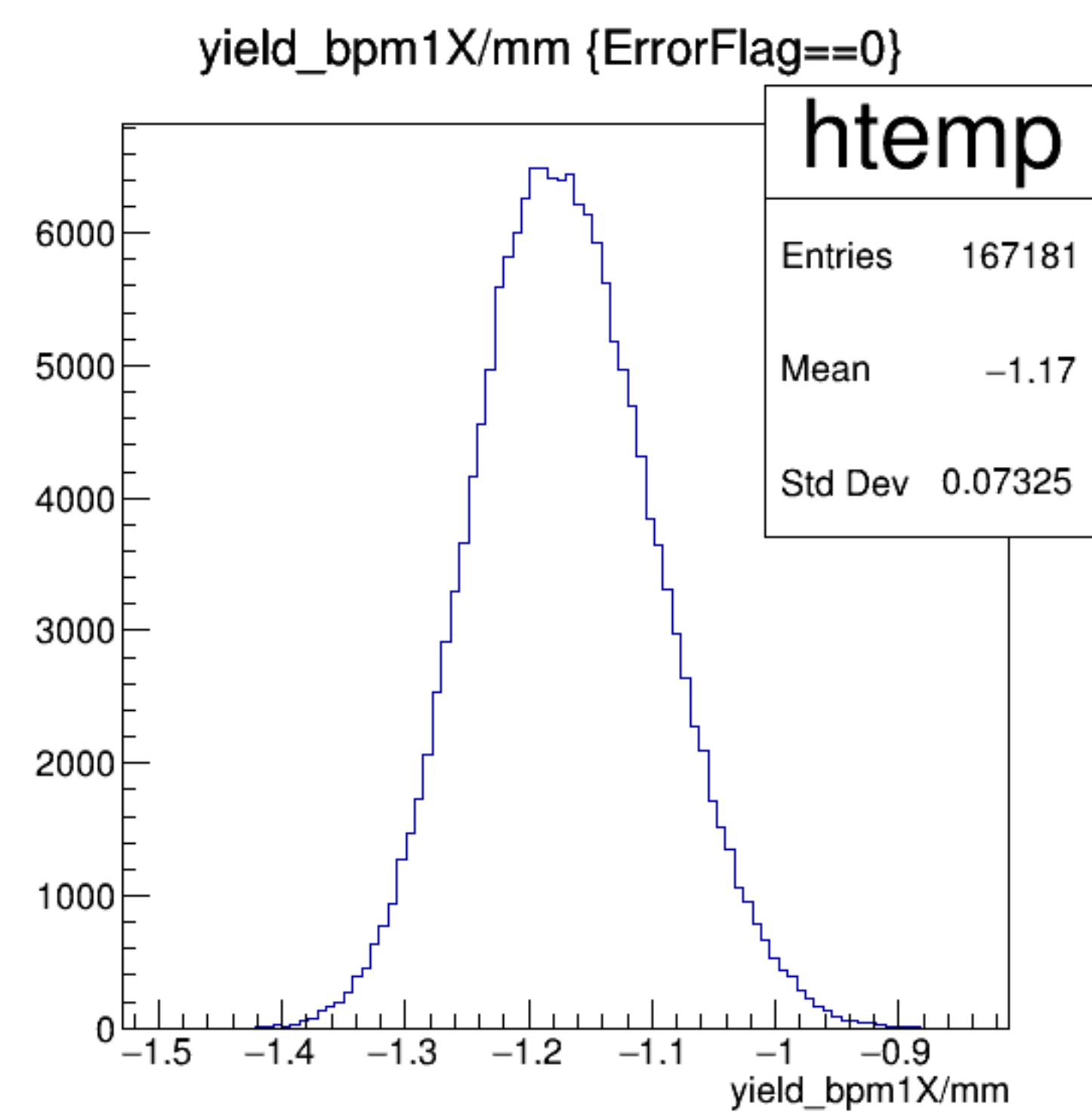


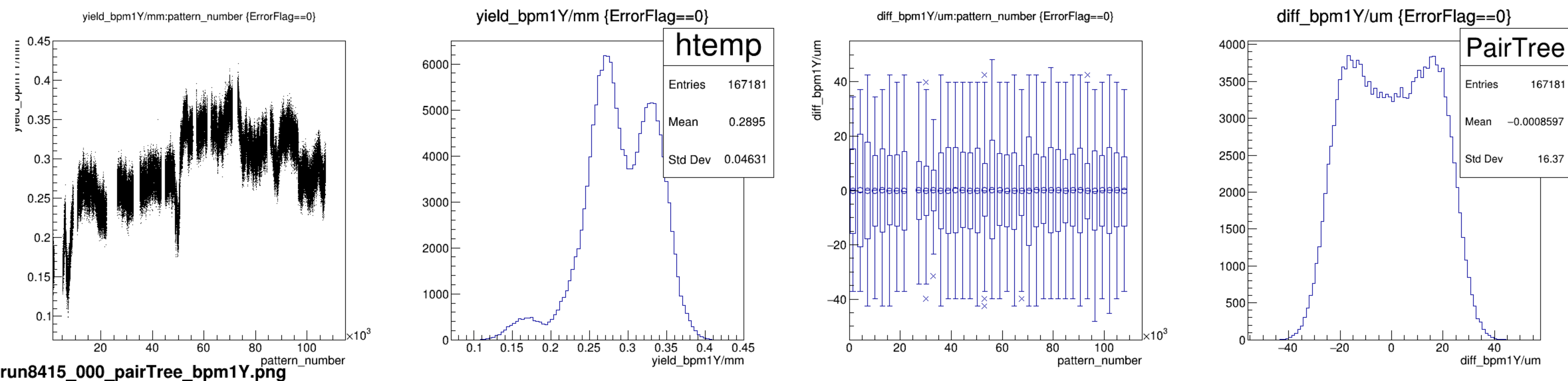
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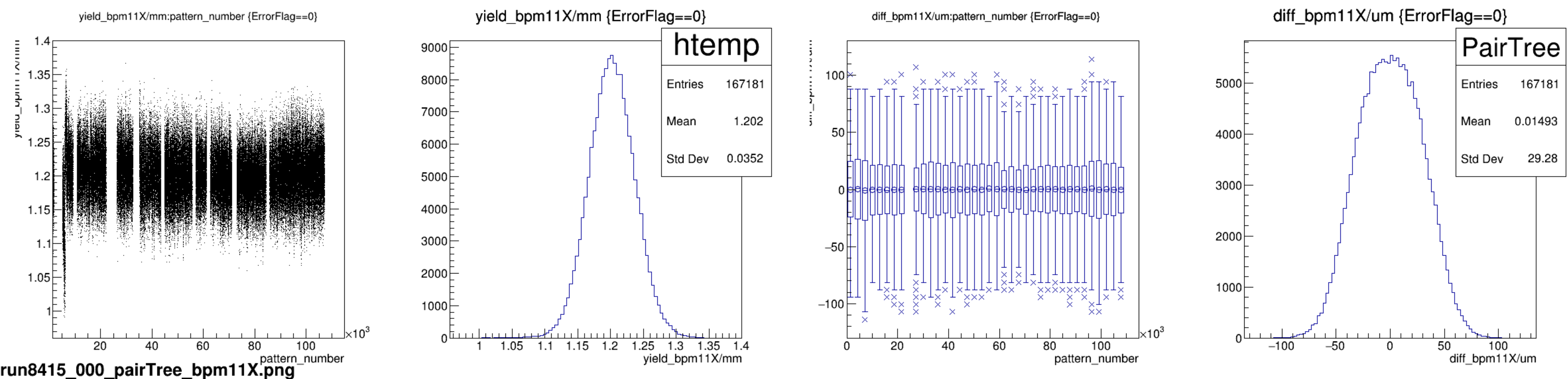


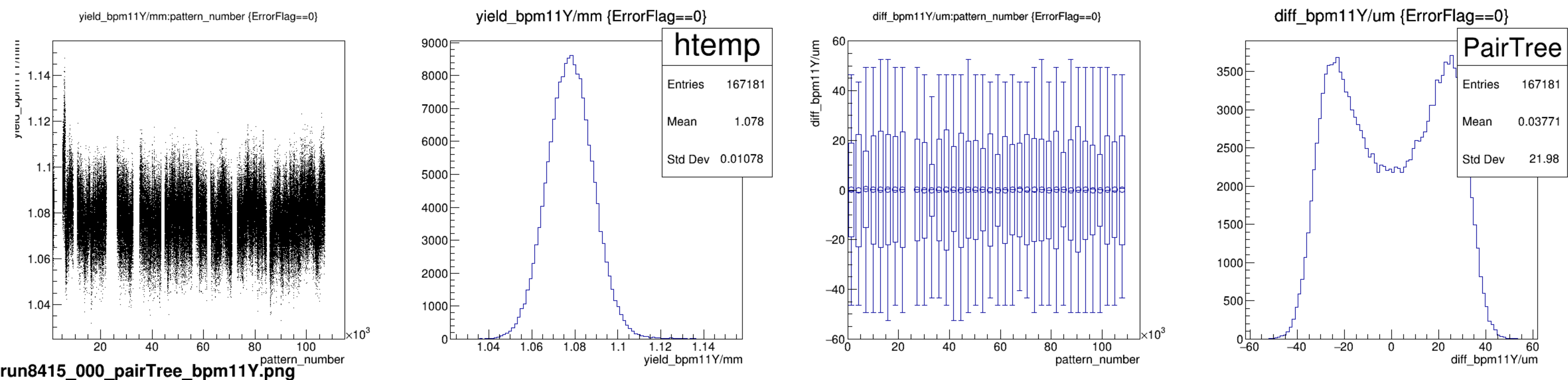


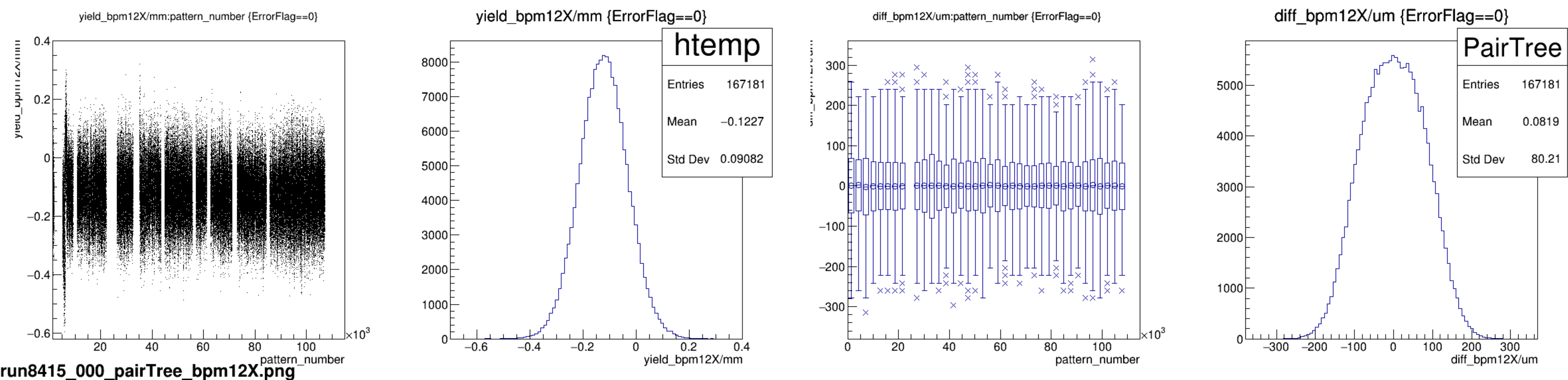
run8415_000_pairTree_bpm1X.png

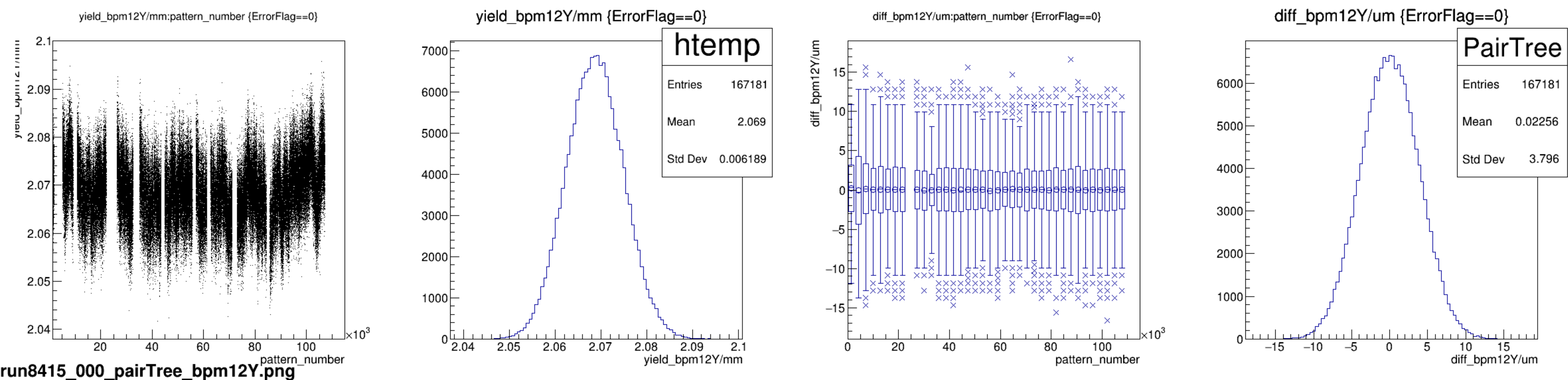


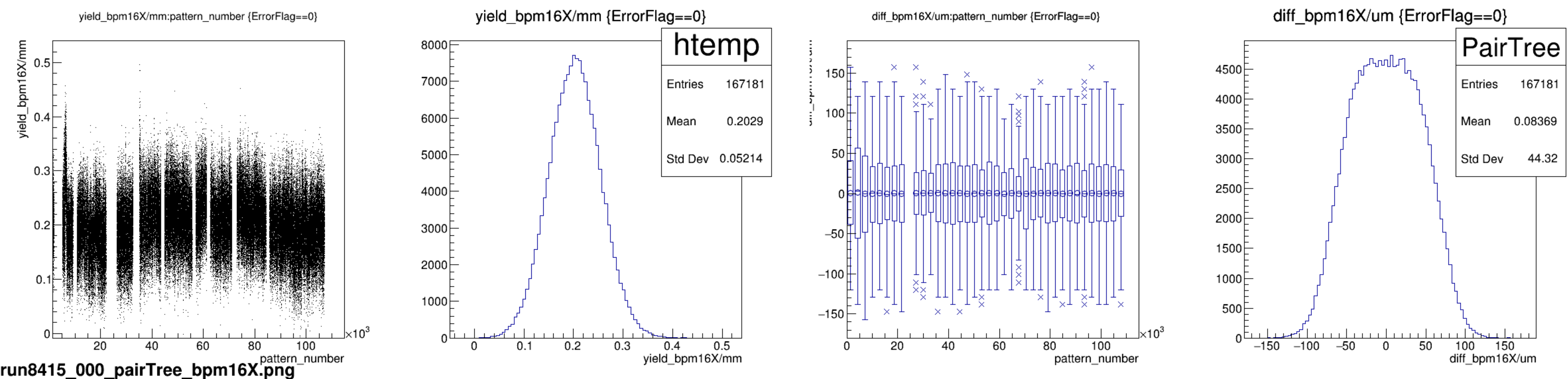


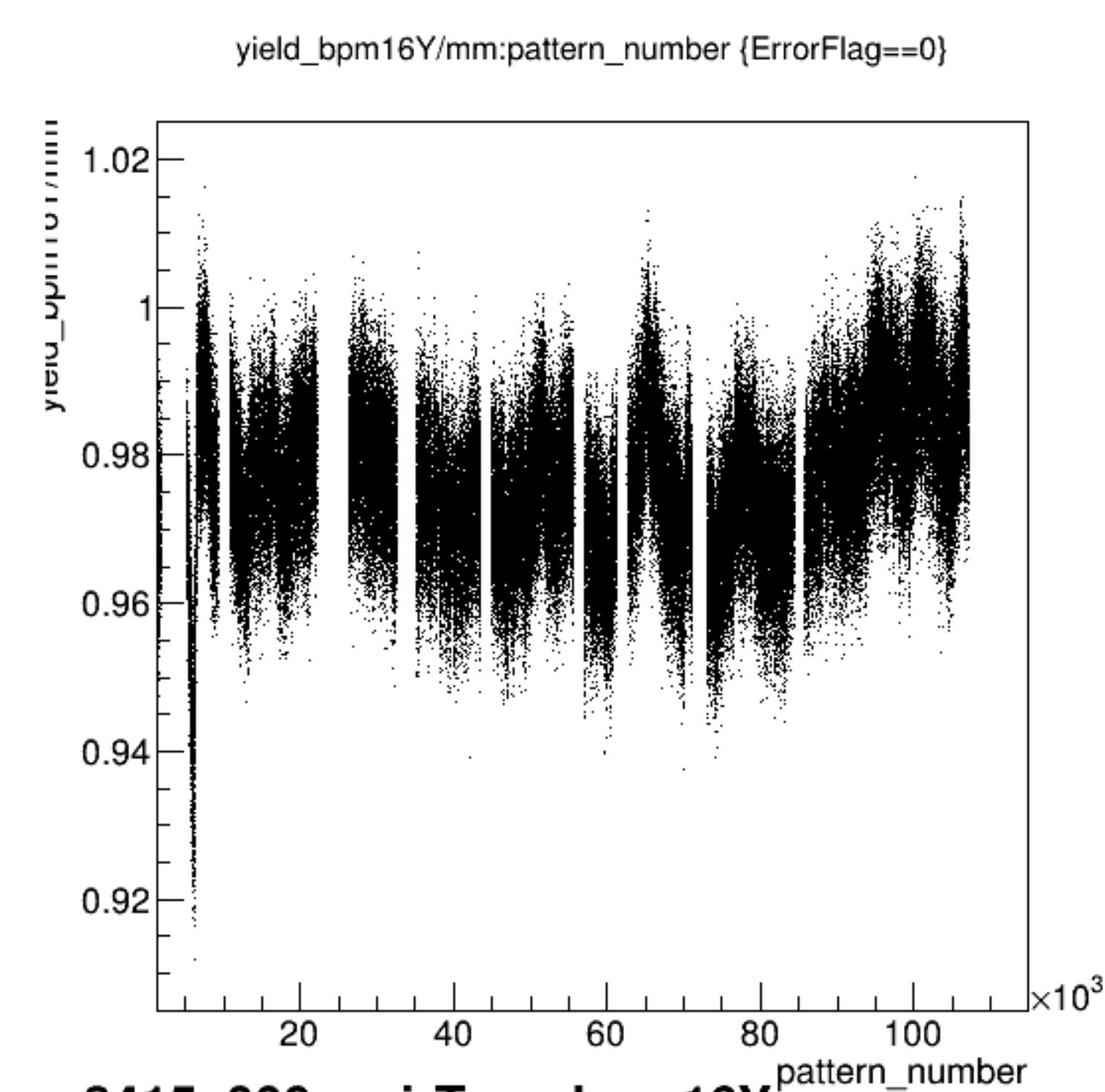




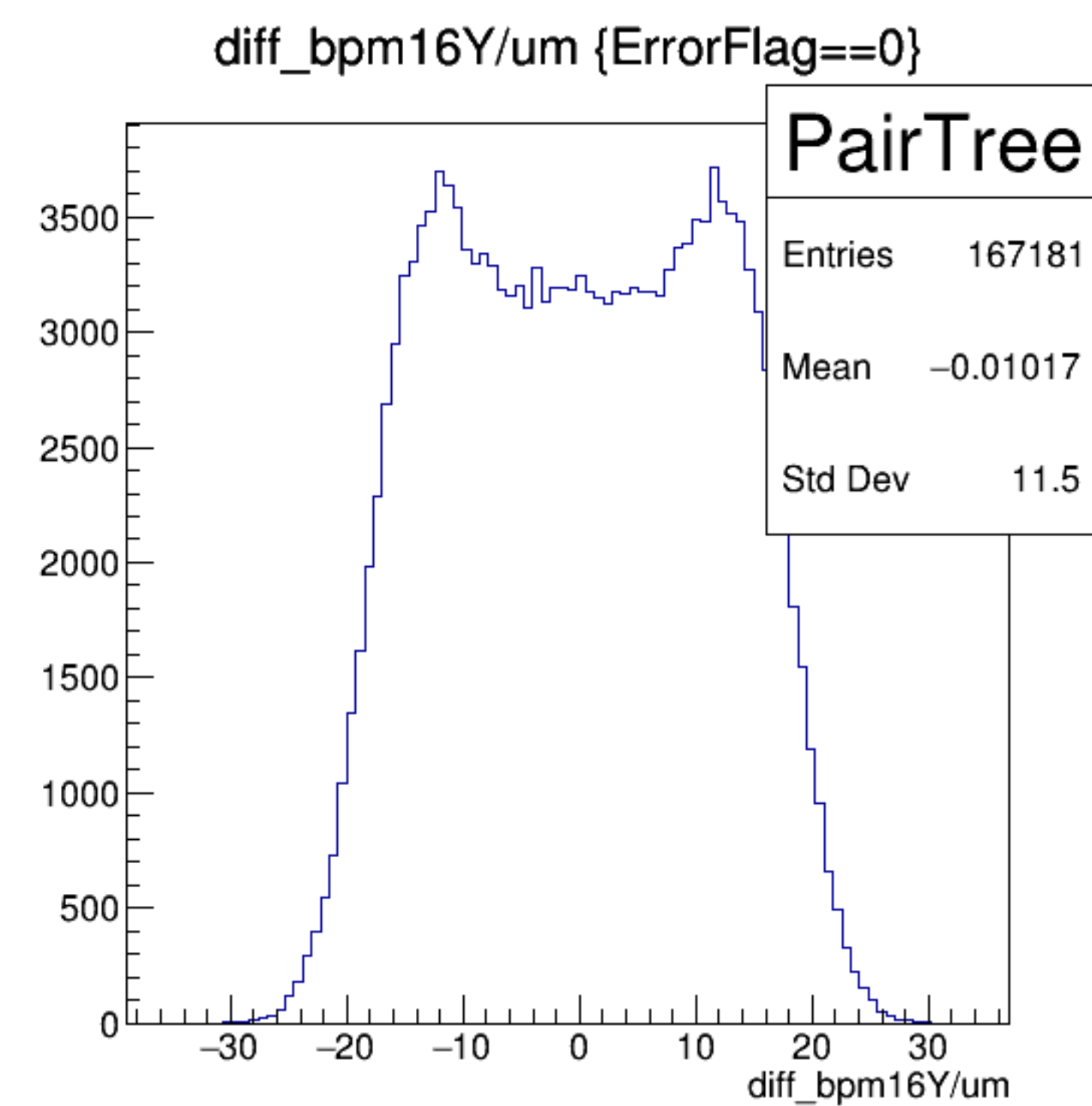
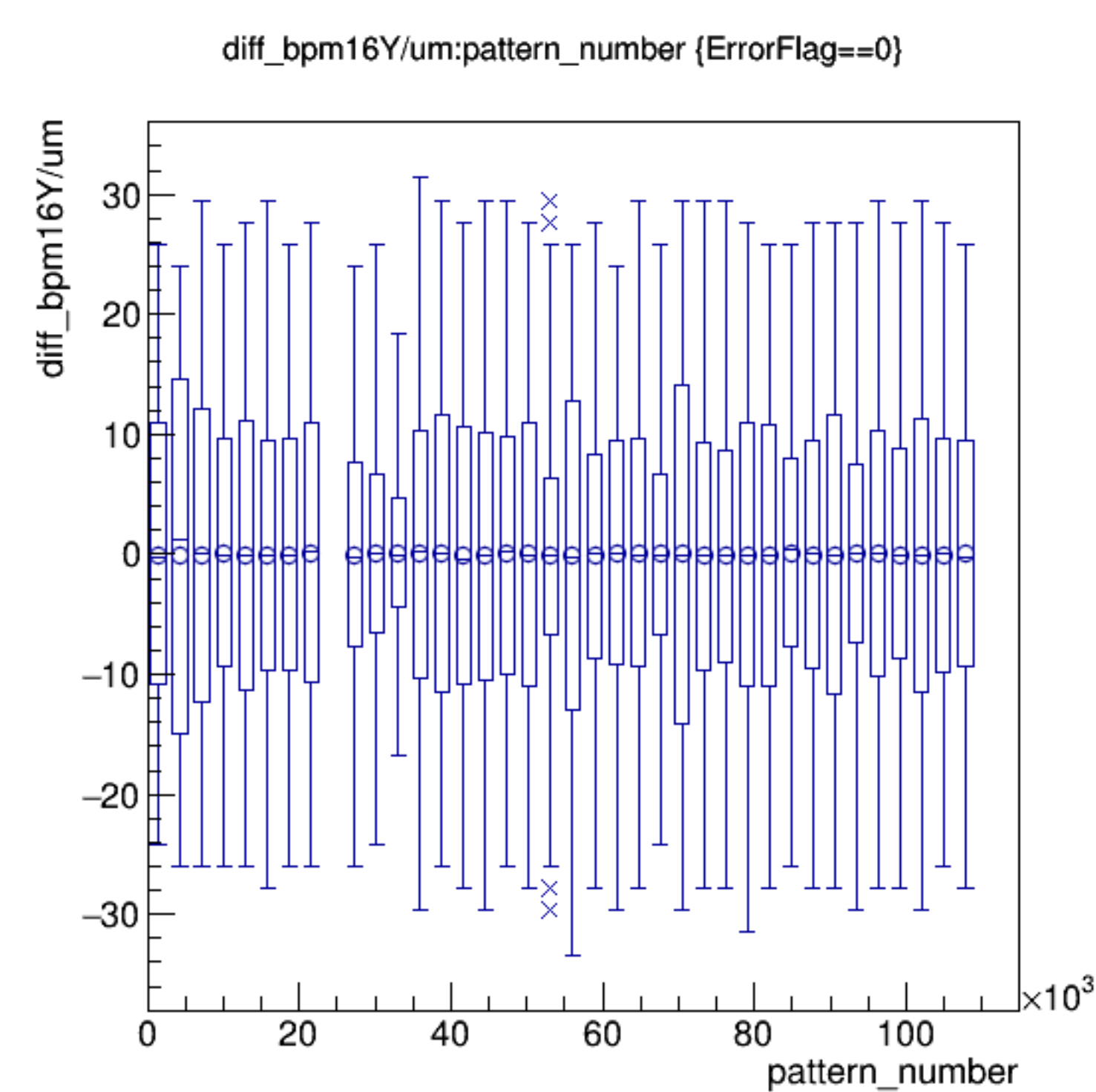
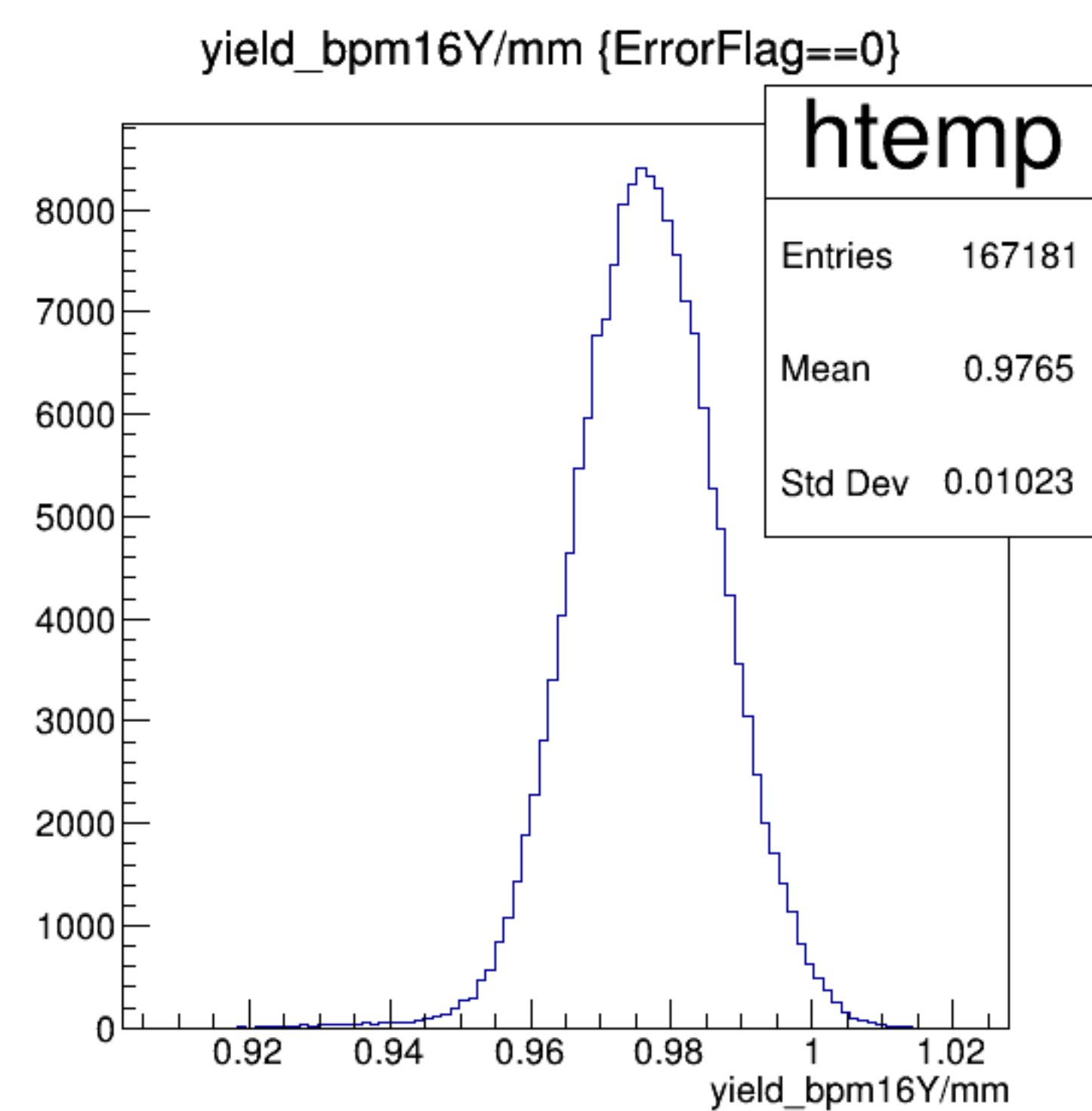


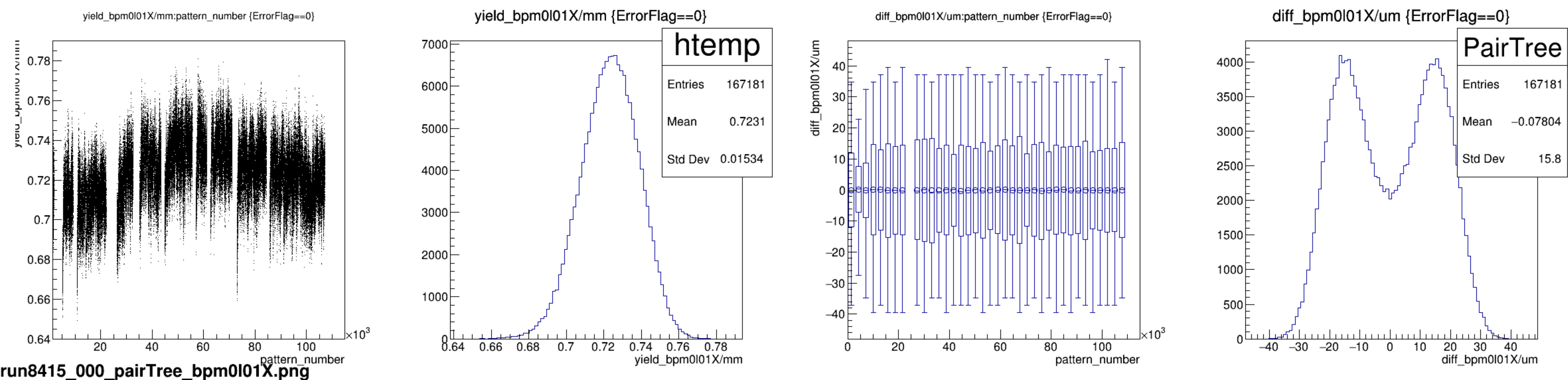




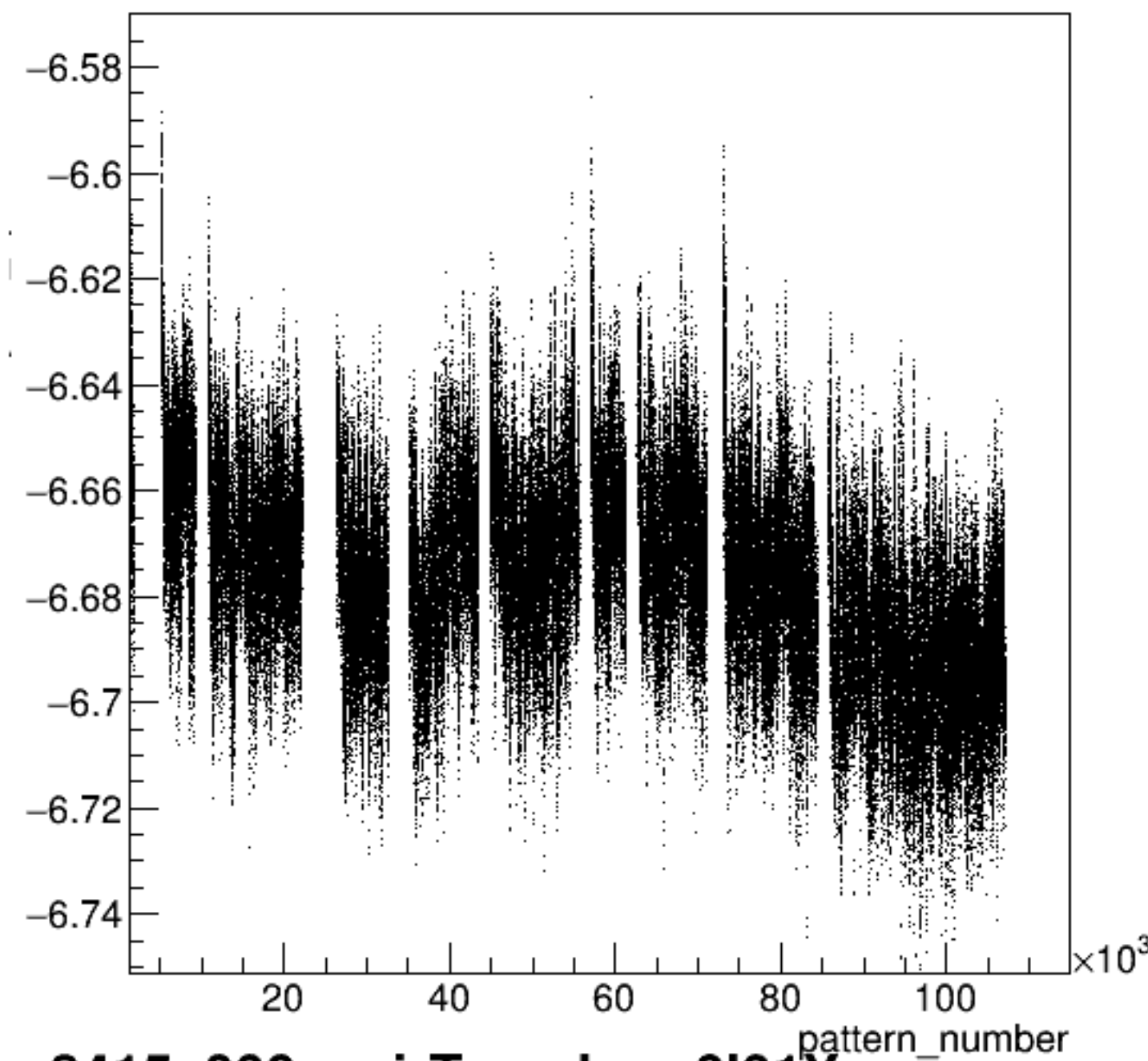


run8415_000_pairTree_bpm16Y.png

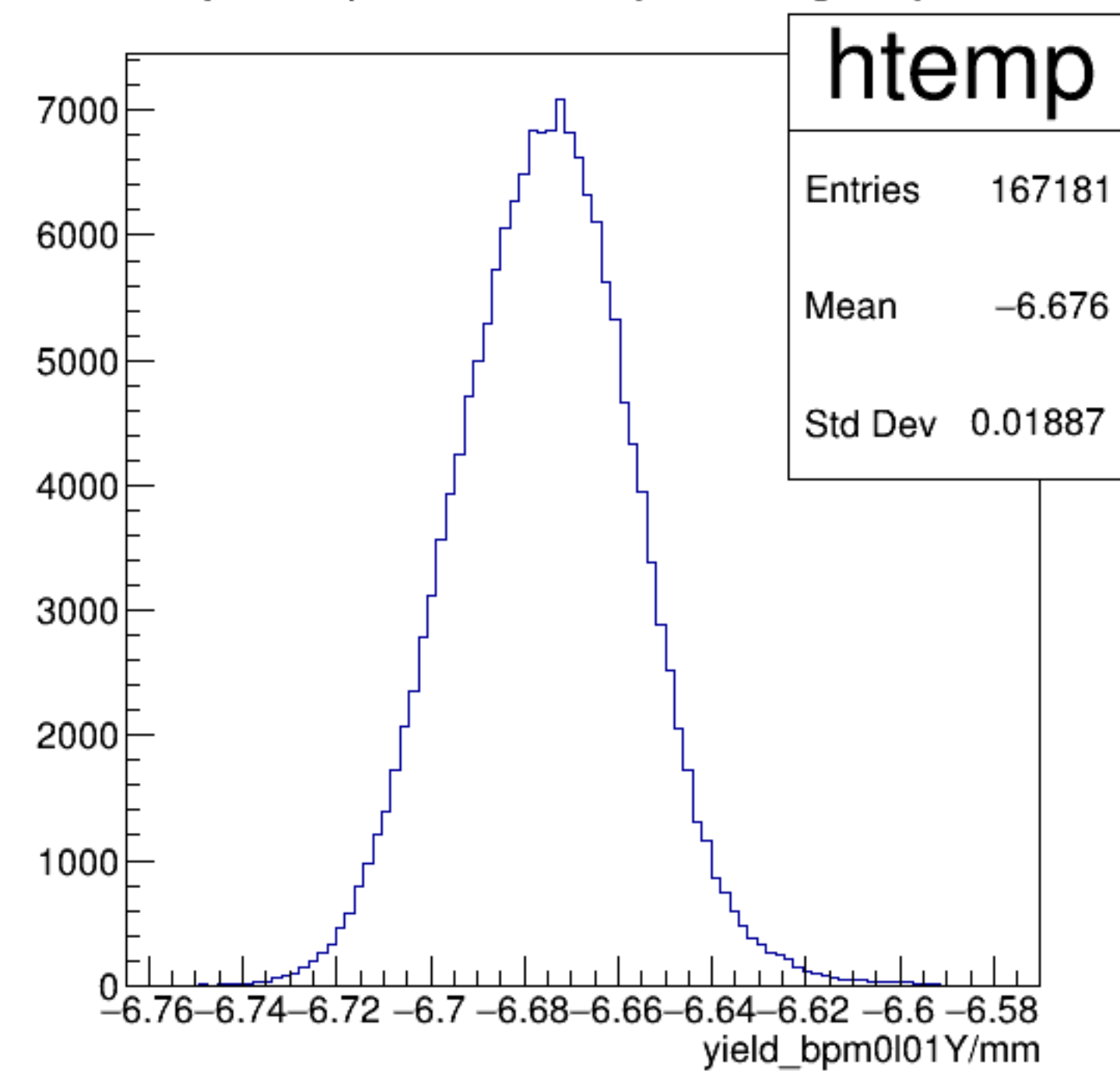




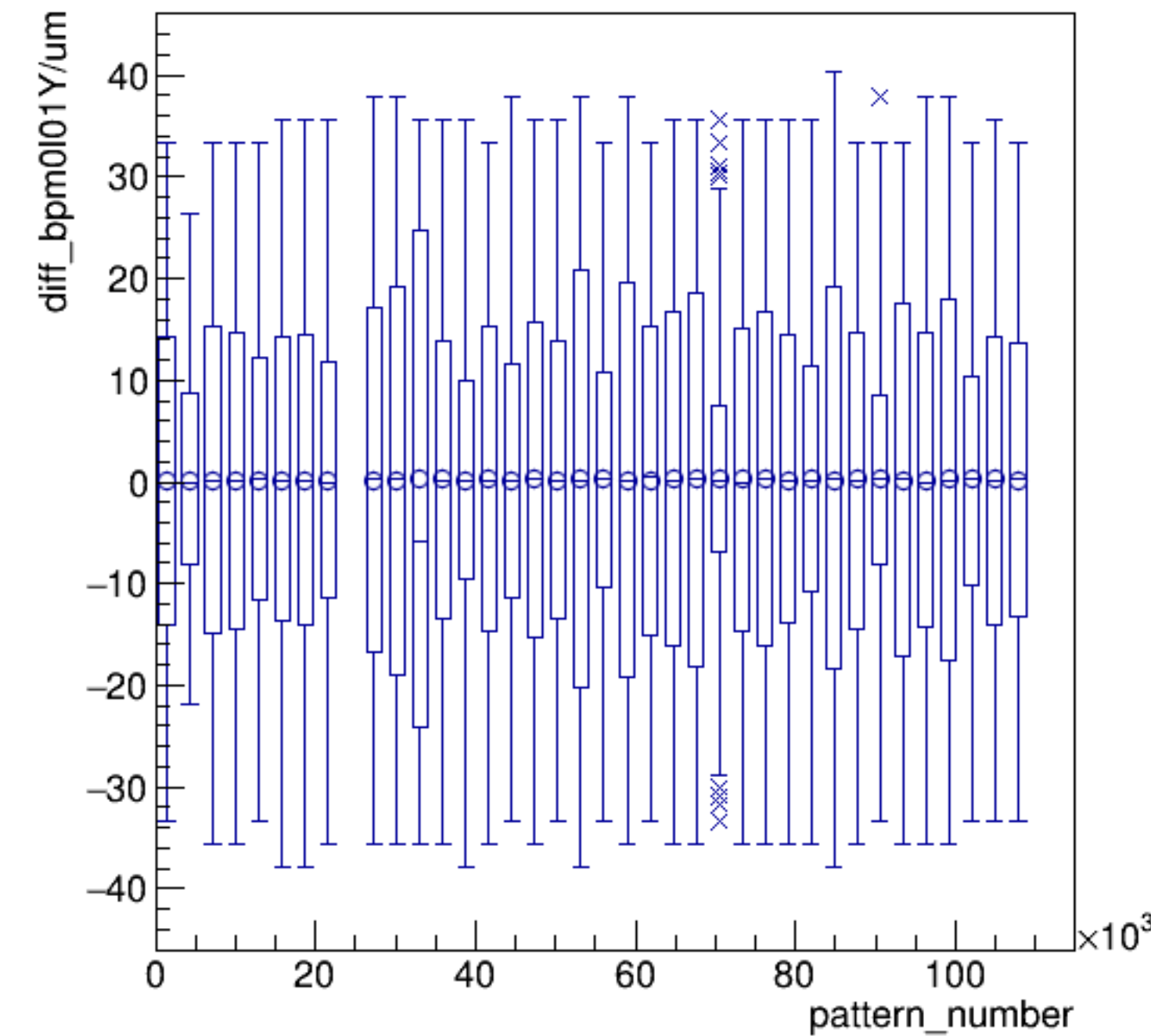
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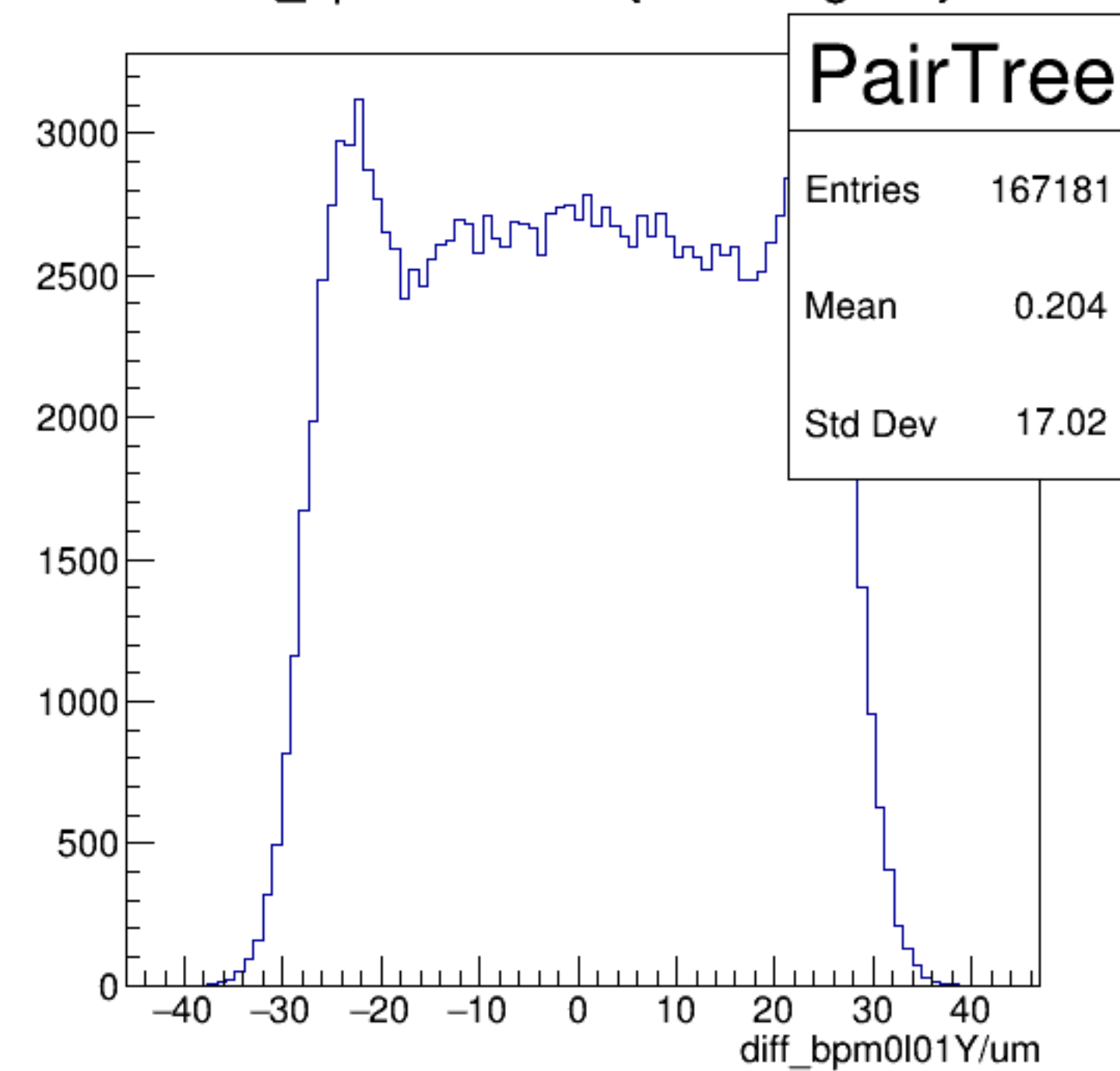
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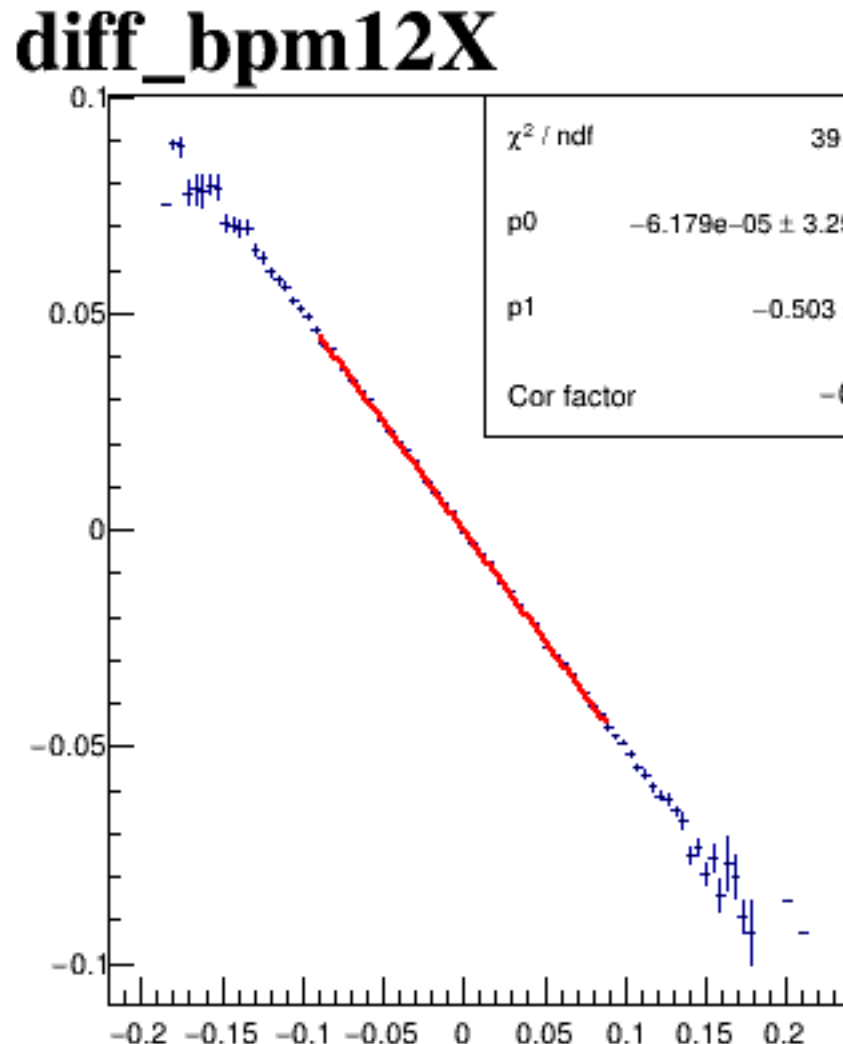
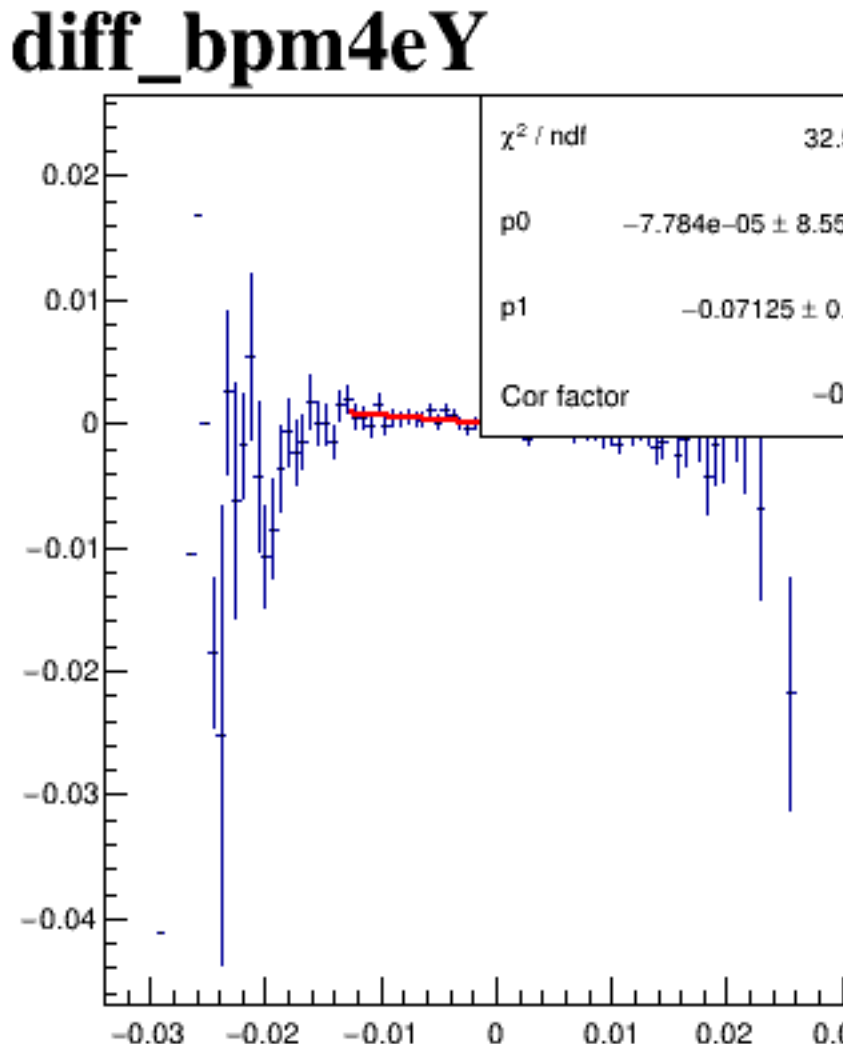
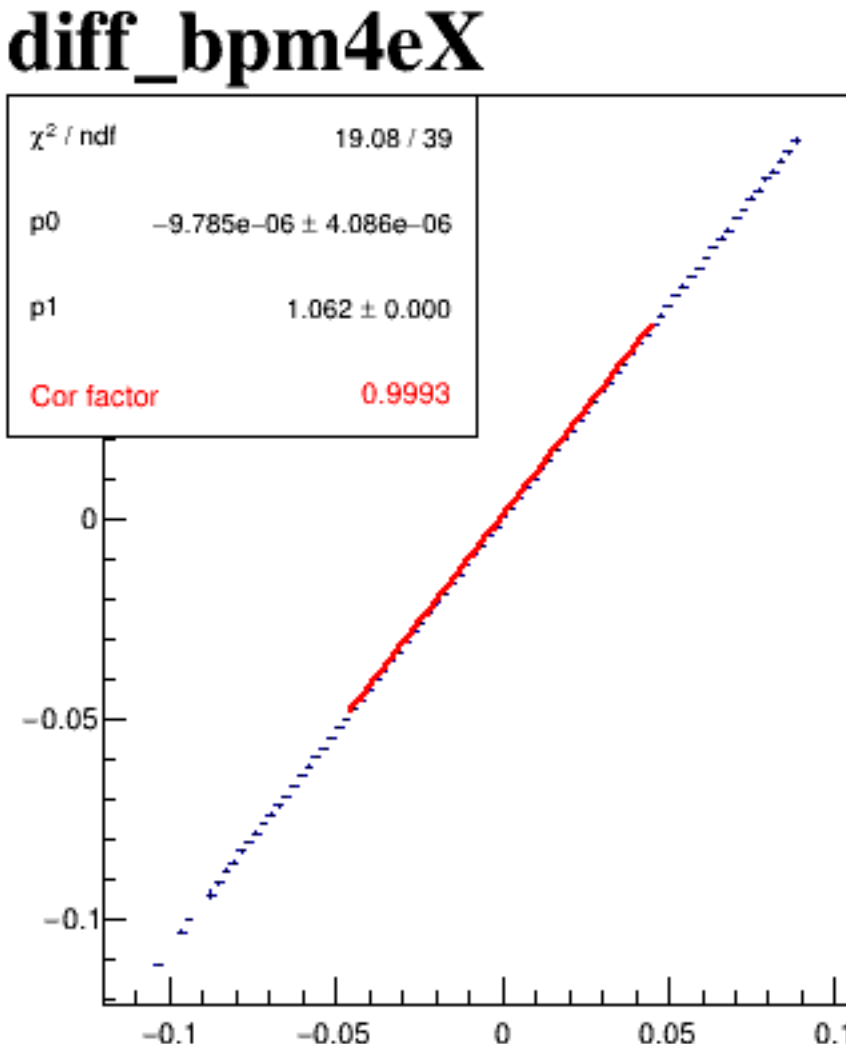
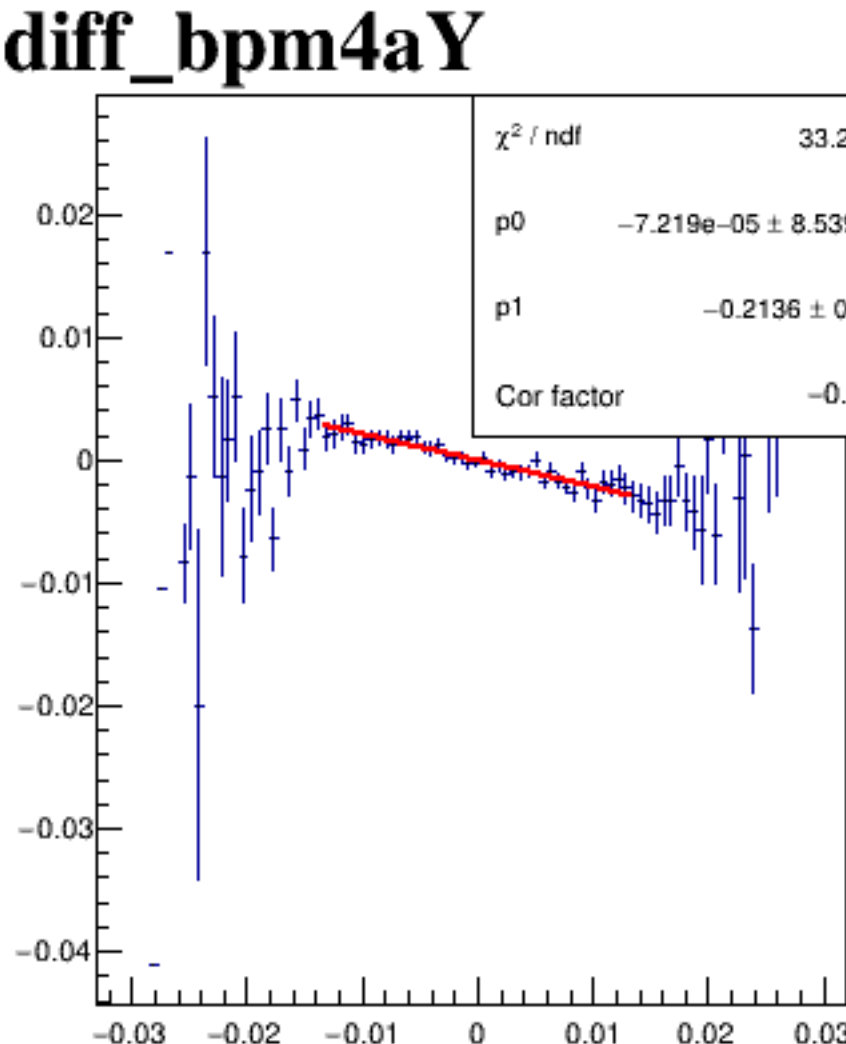
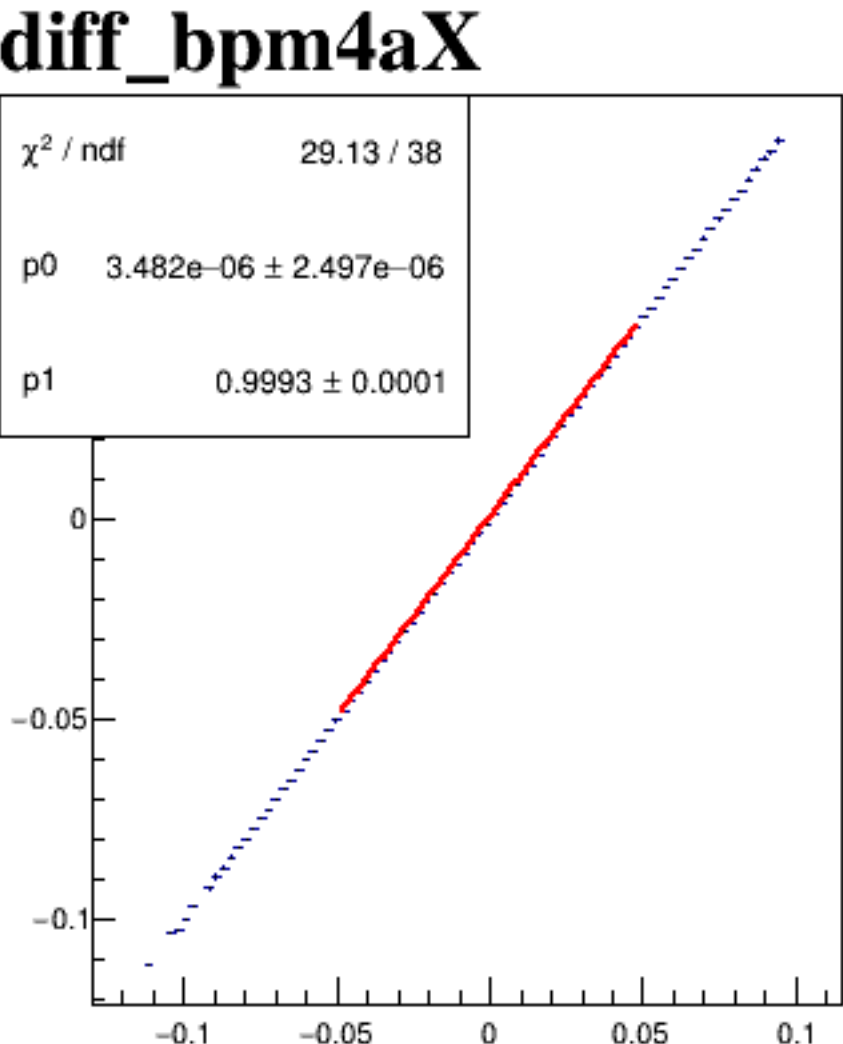


diff_bpm0l01Y/um {ErrorFlag==0}

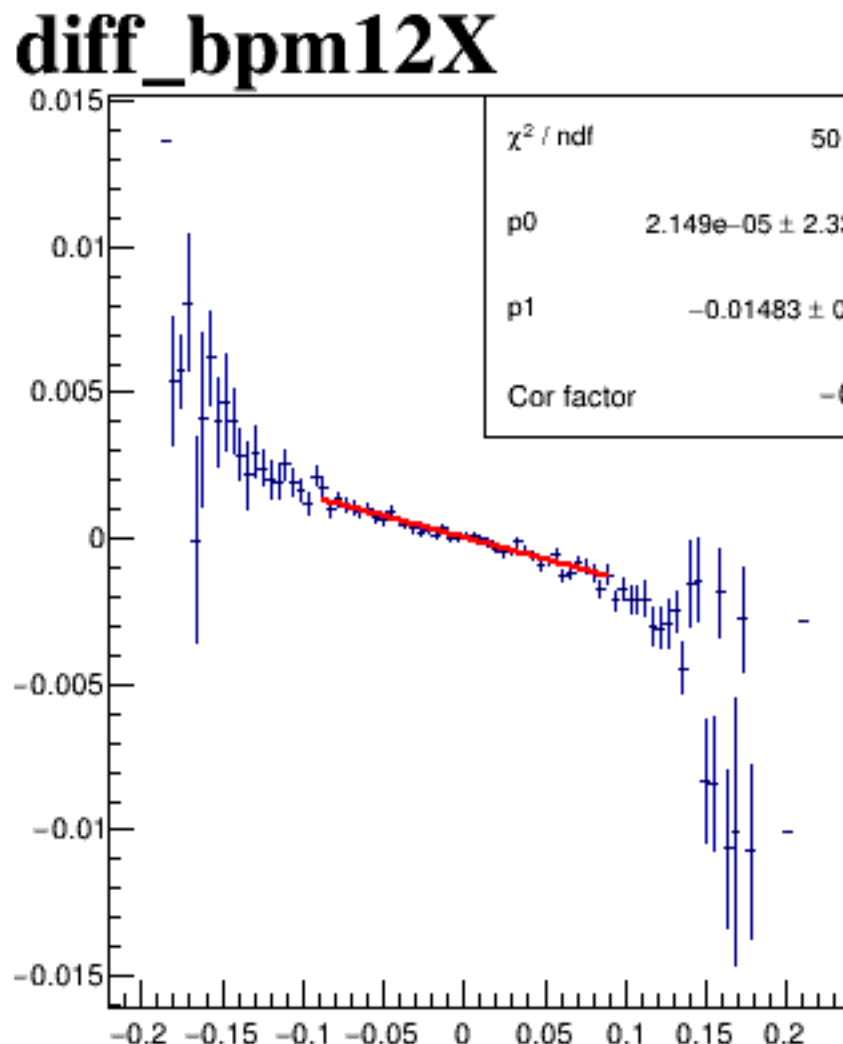
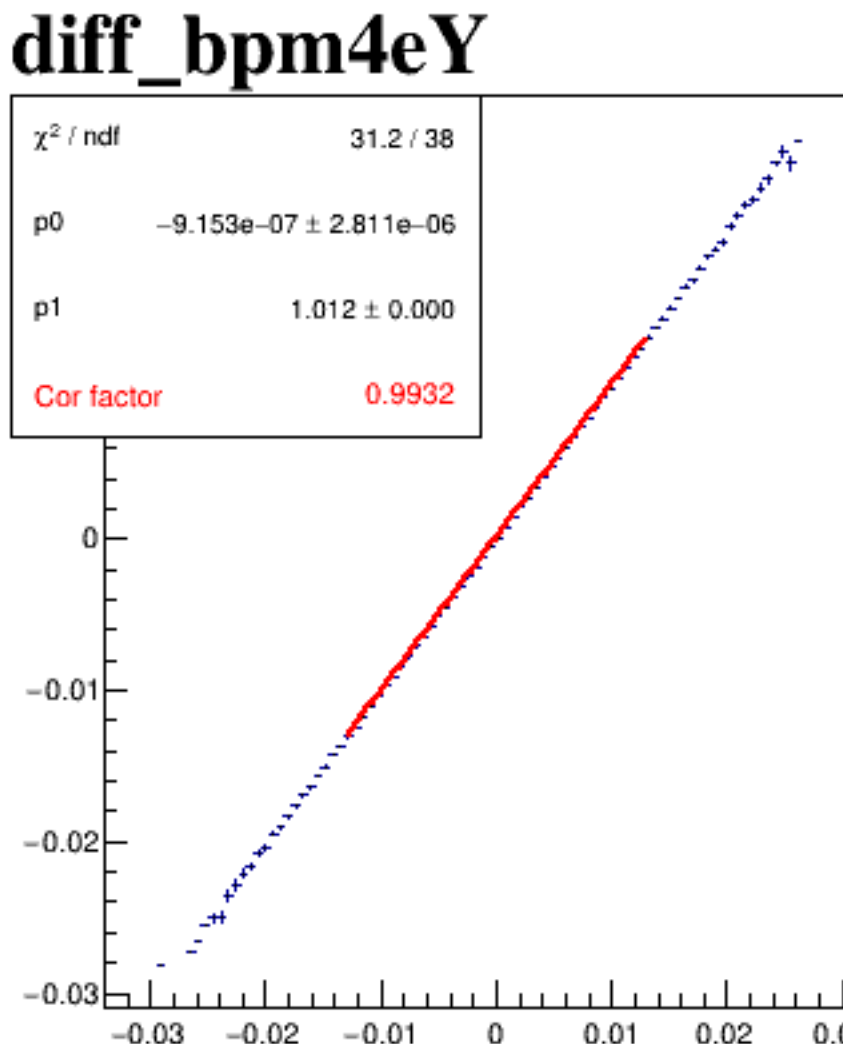
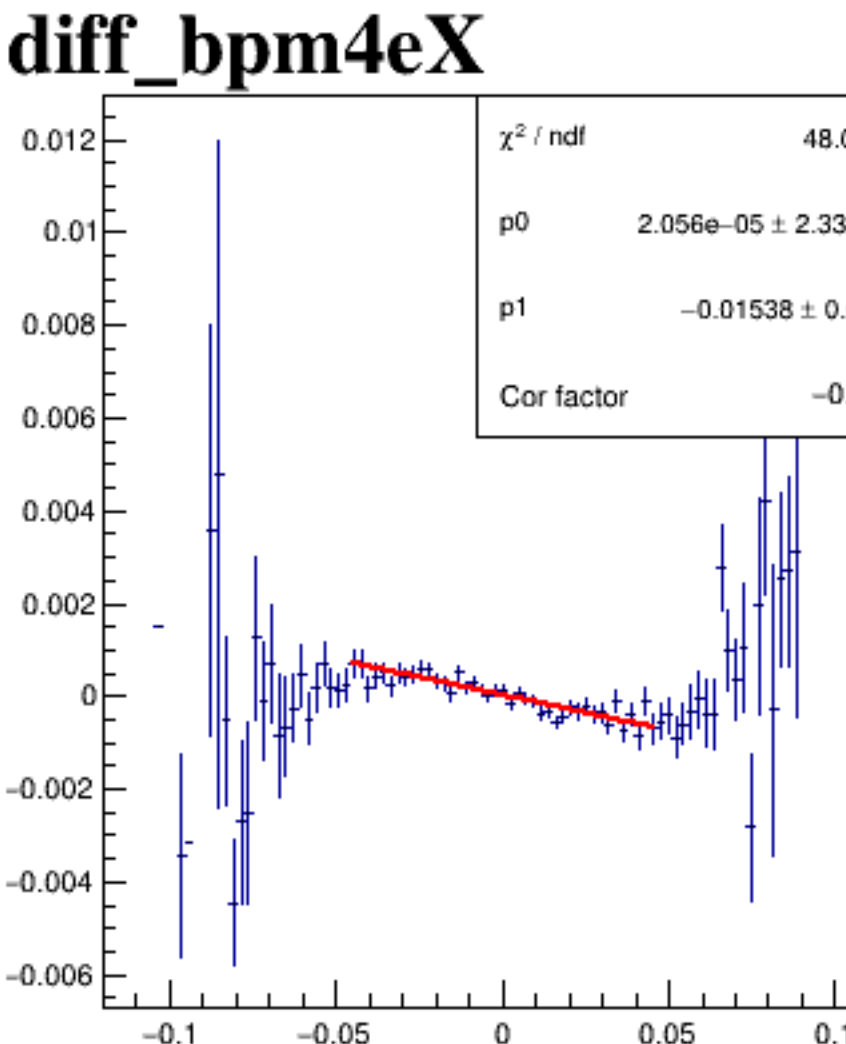
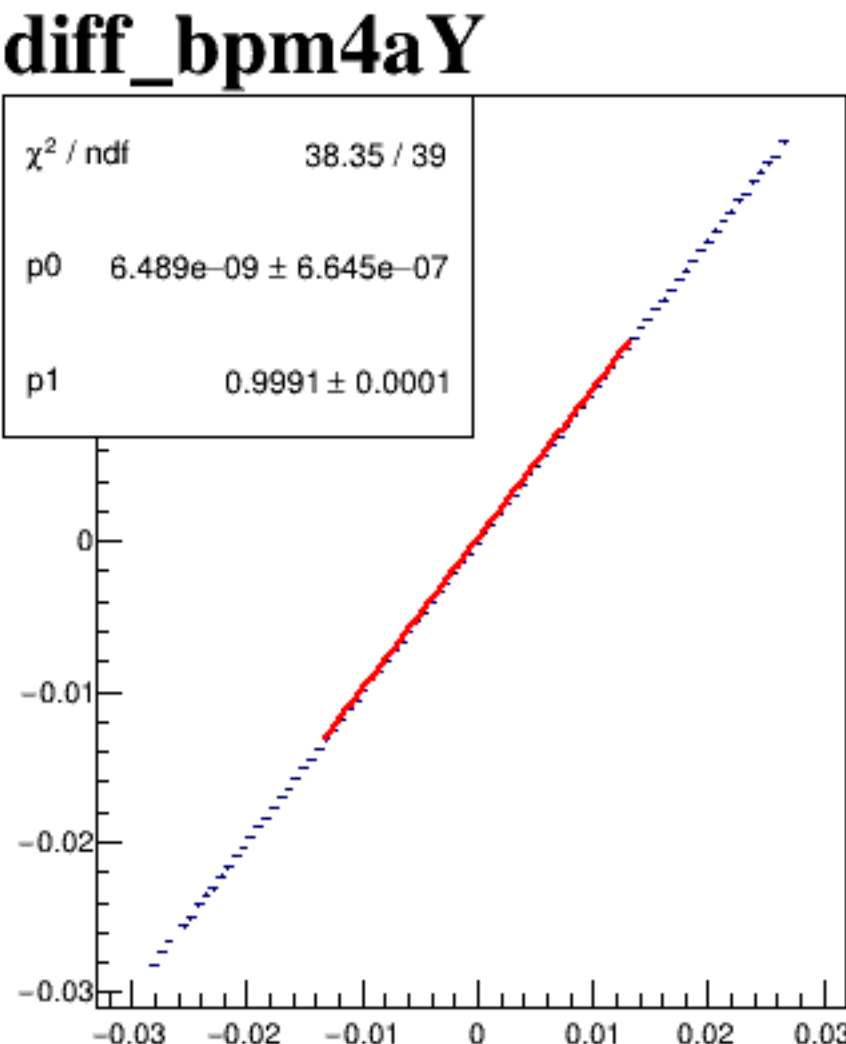
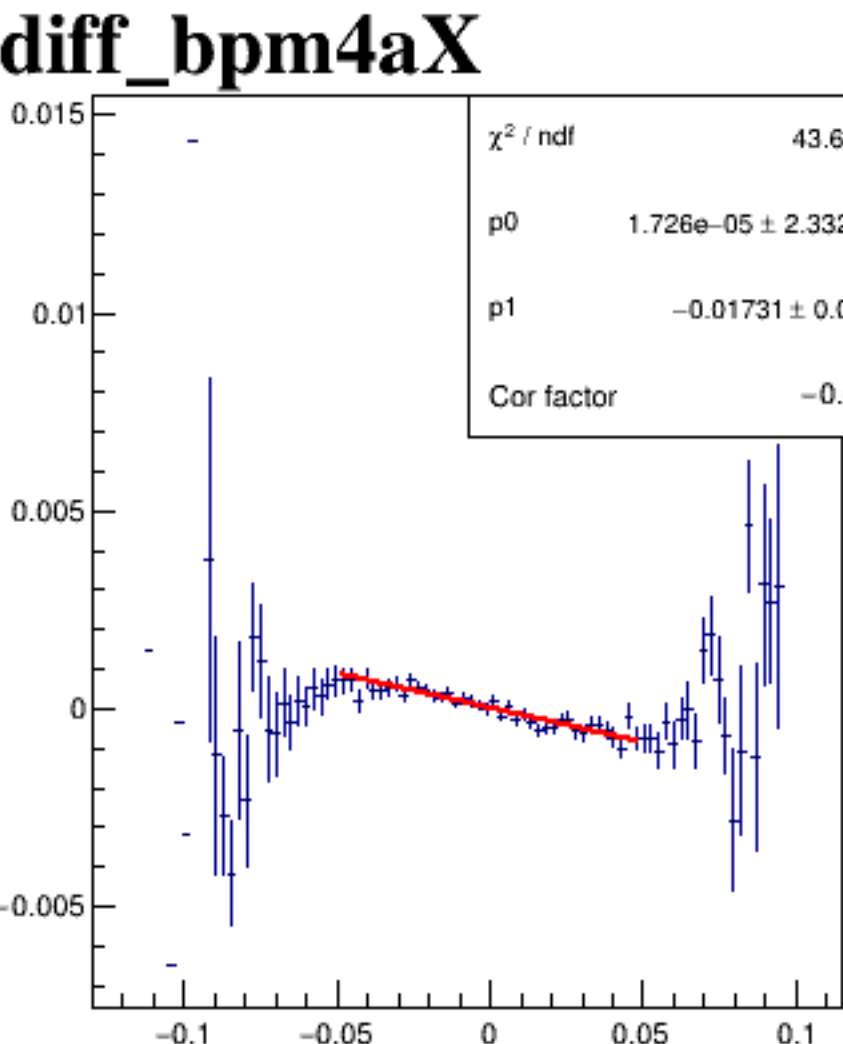


run8415_000_diff_bpm_mutual_correlation_COLZ_default.png

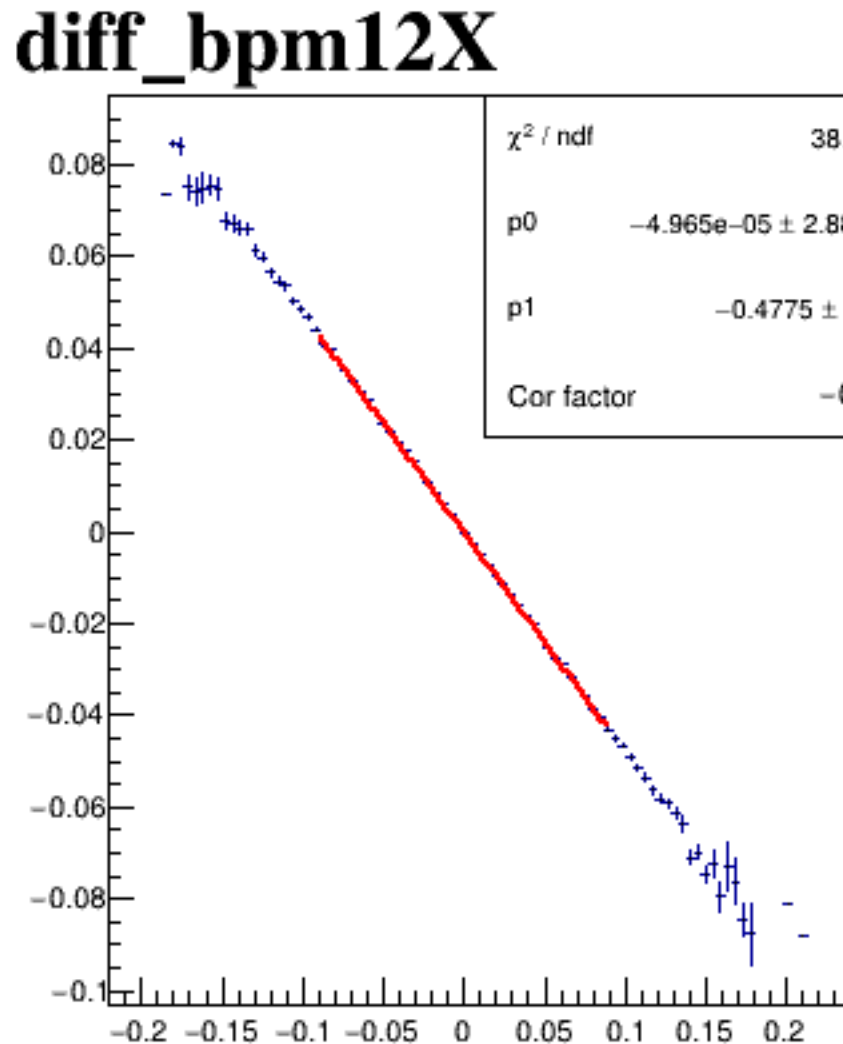
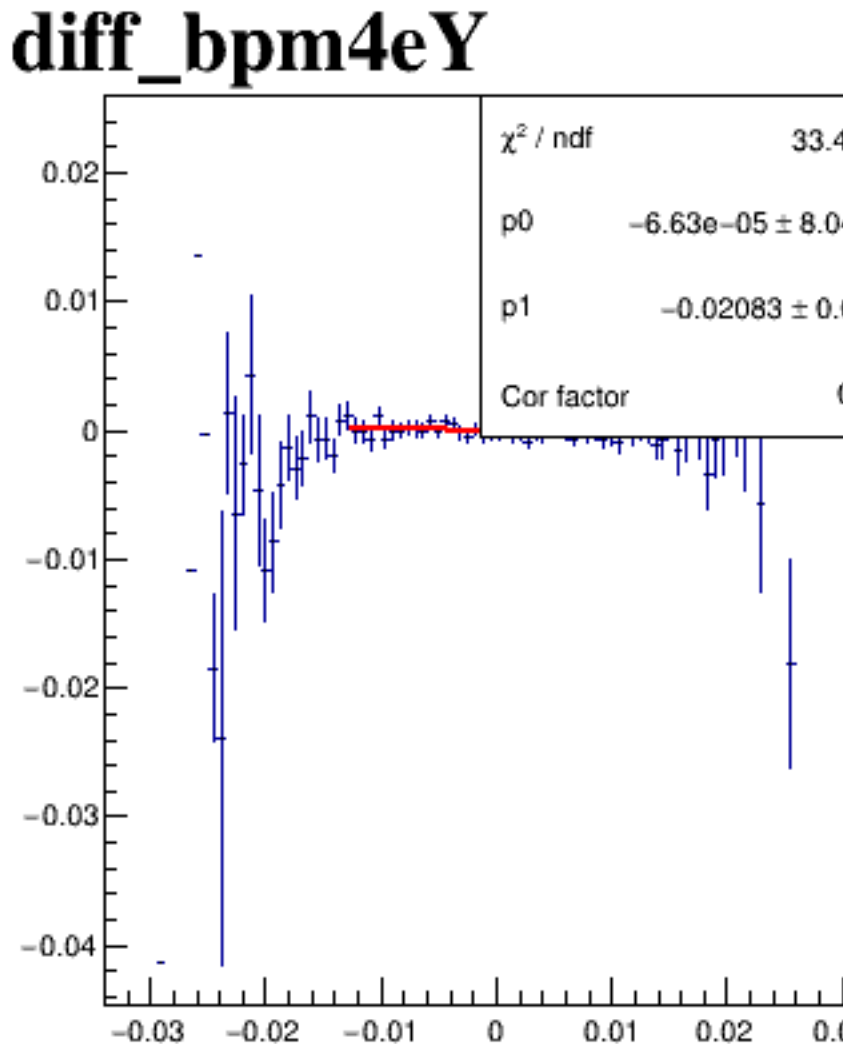
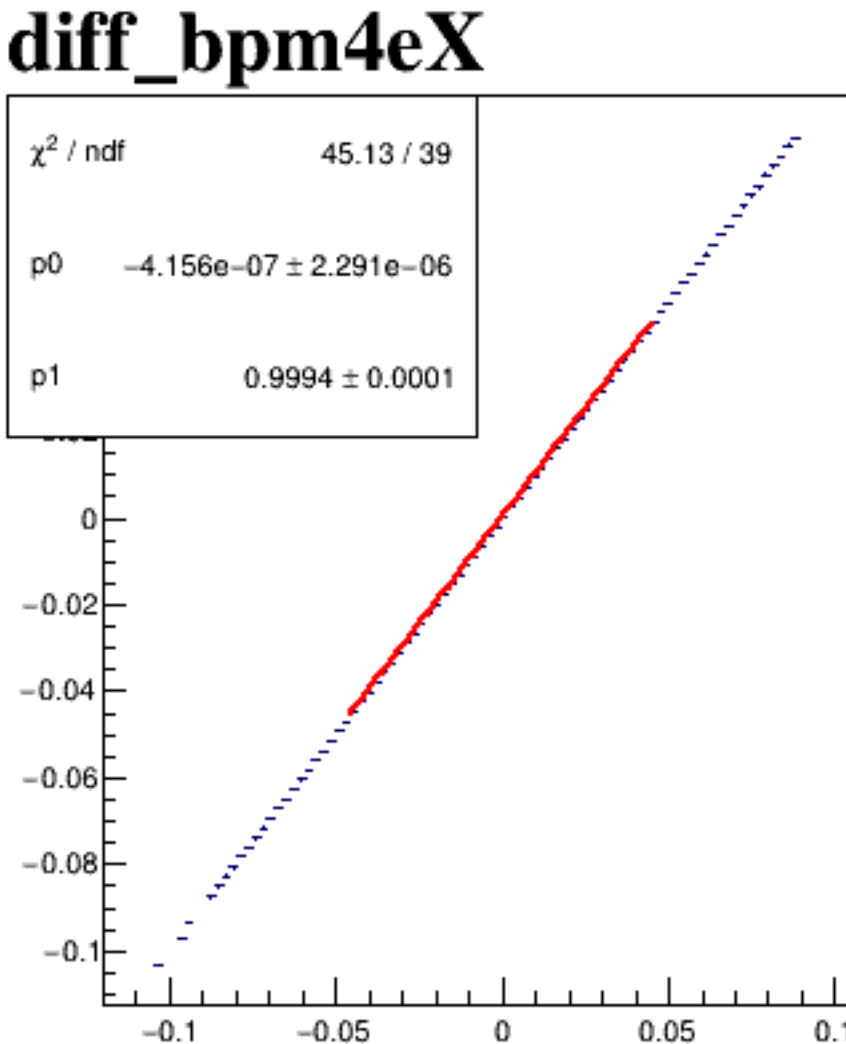
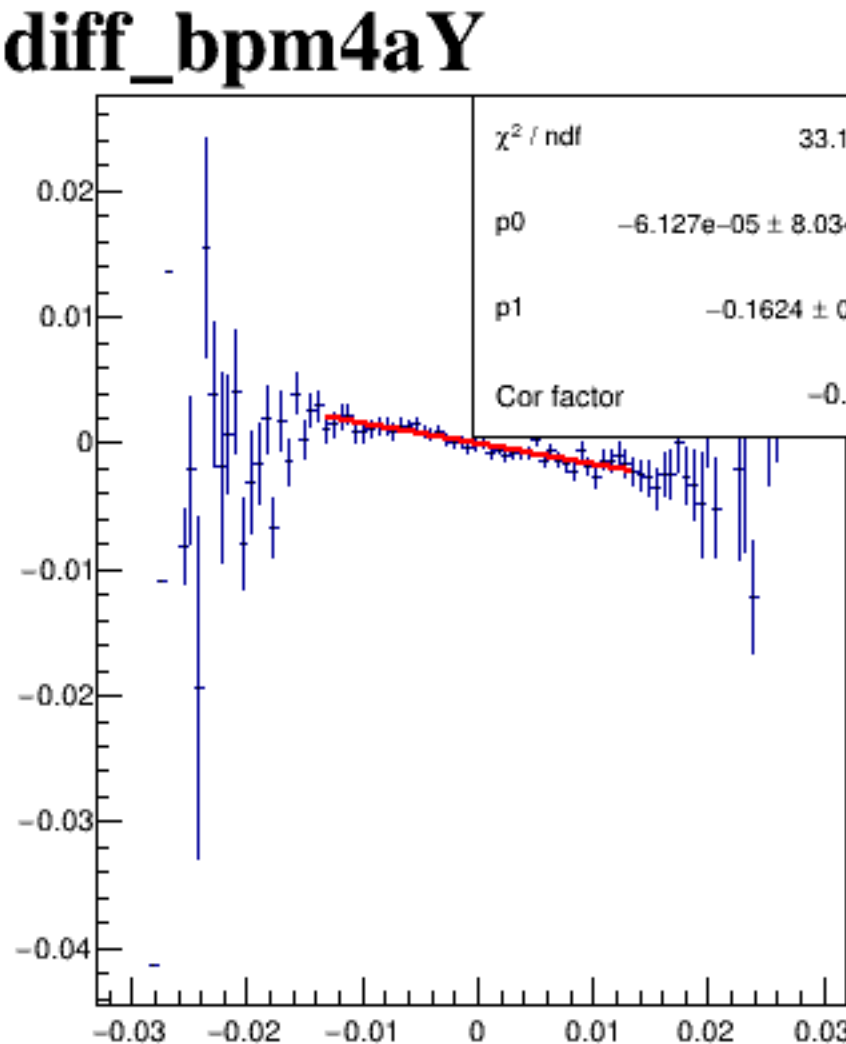
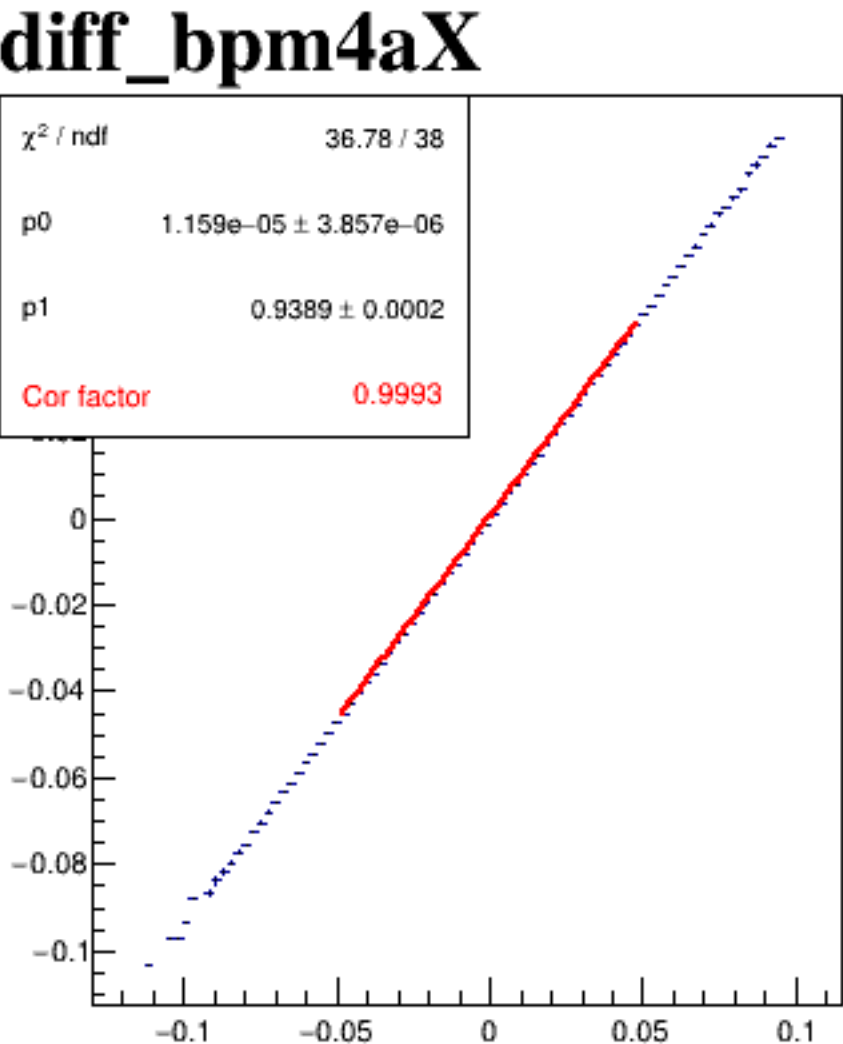
diff_bpm4aX



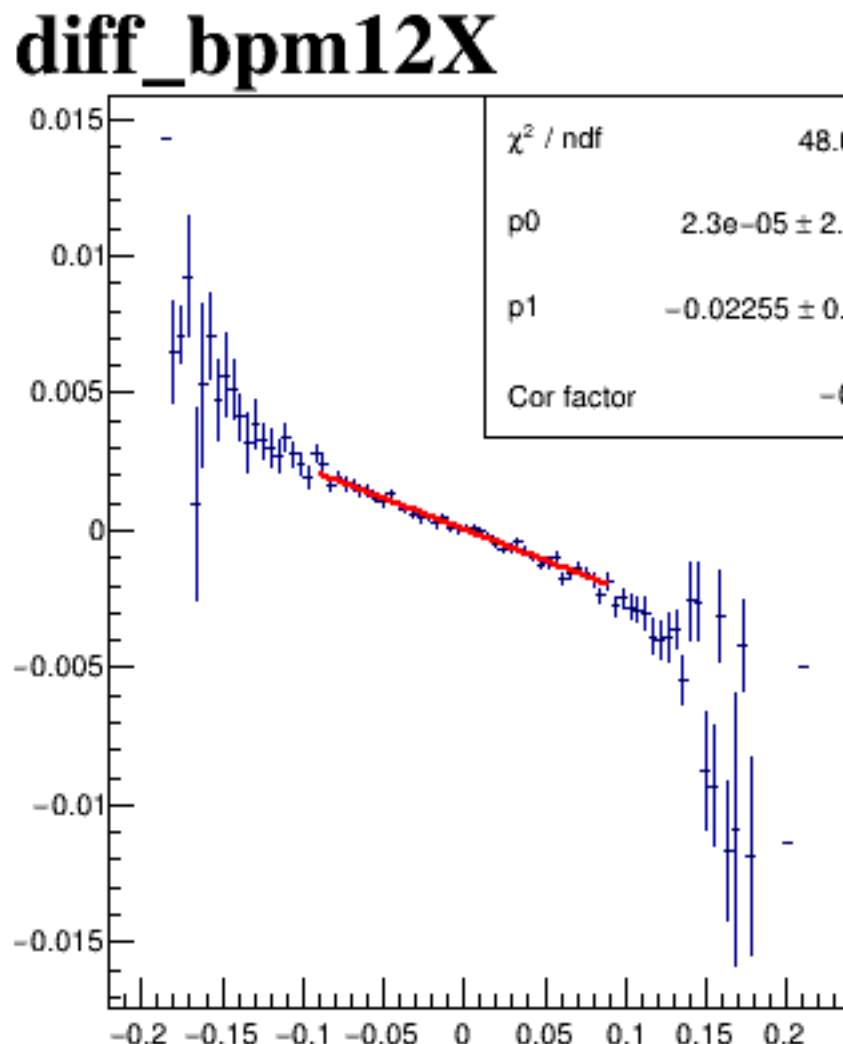
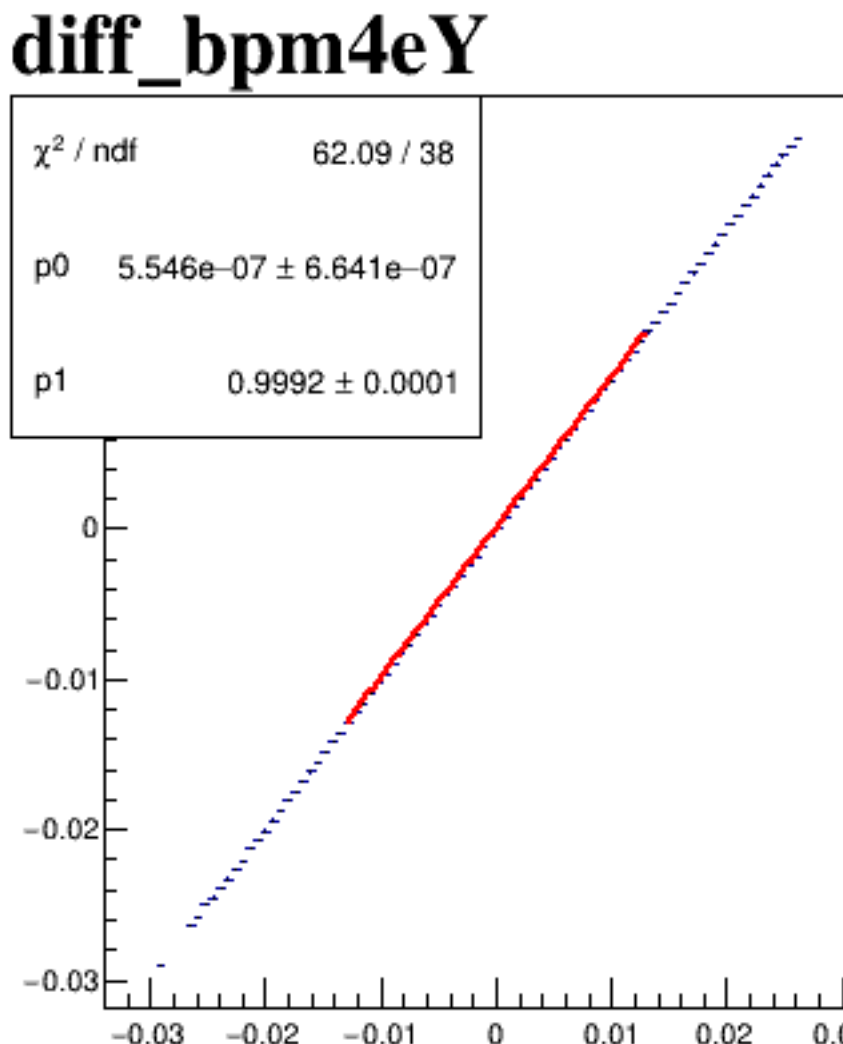
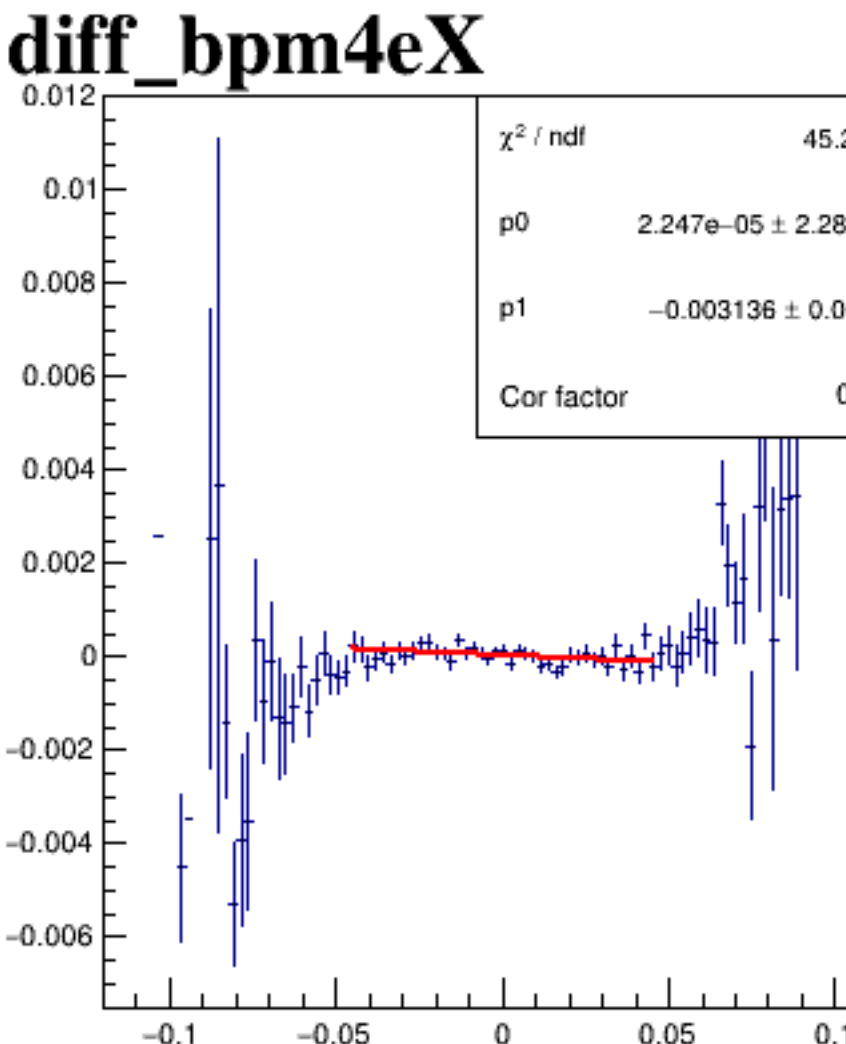
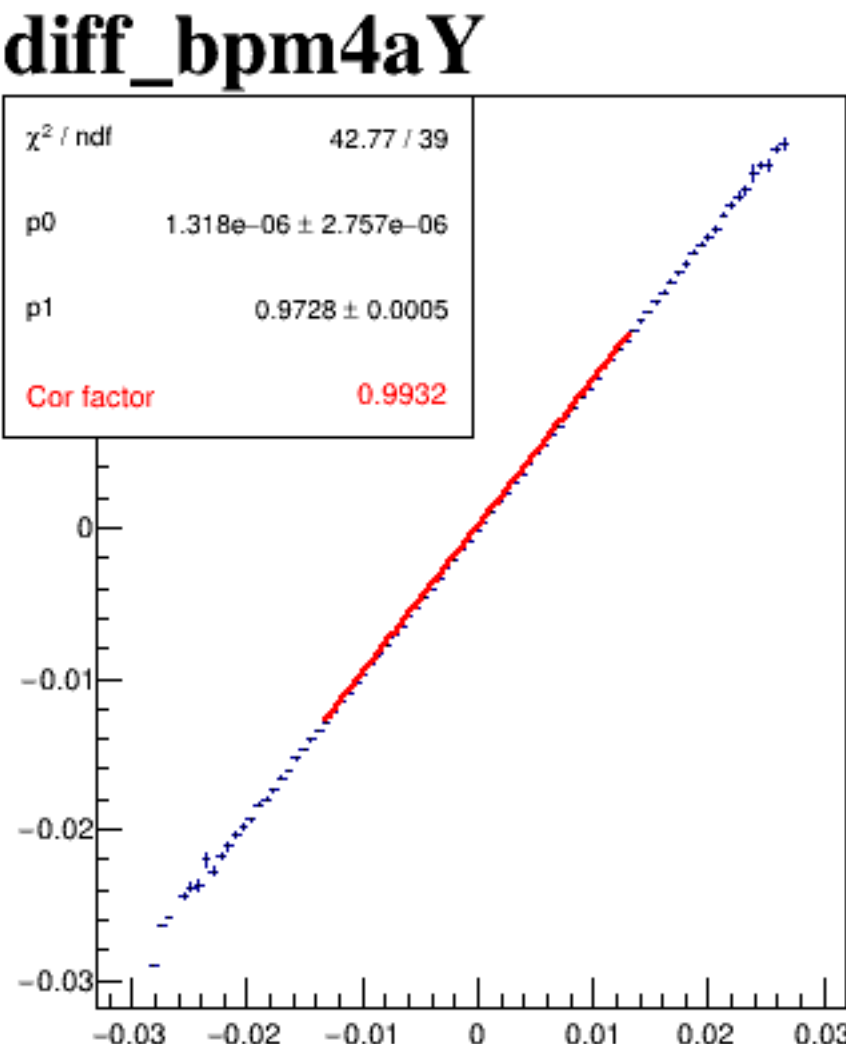
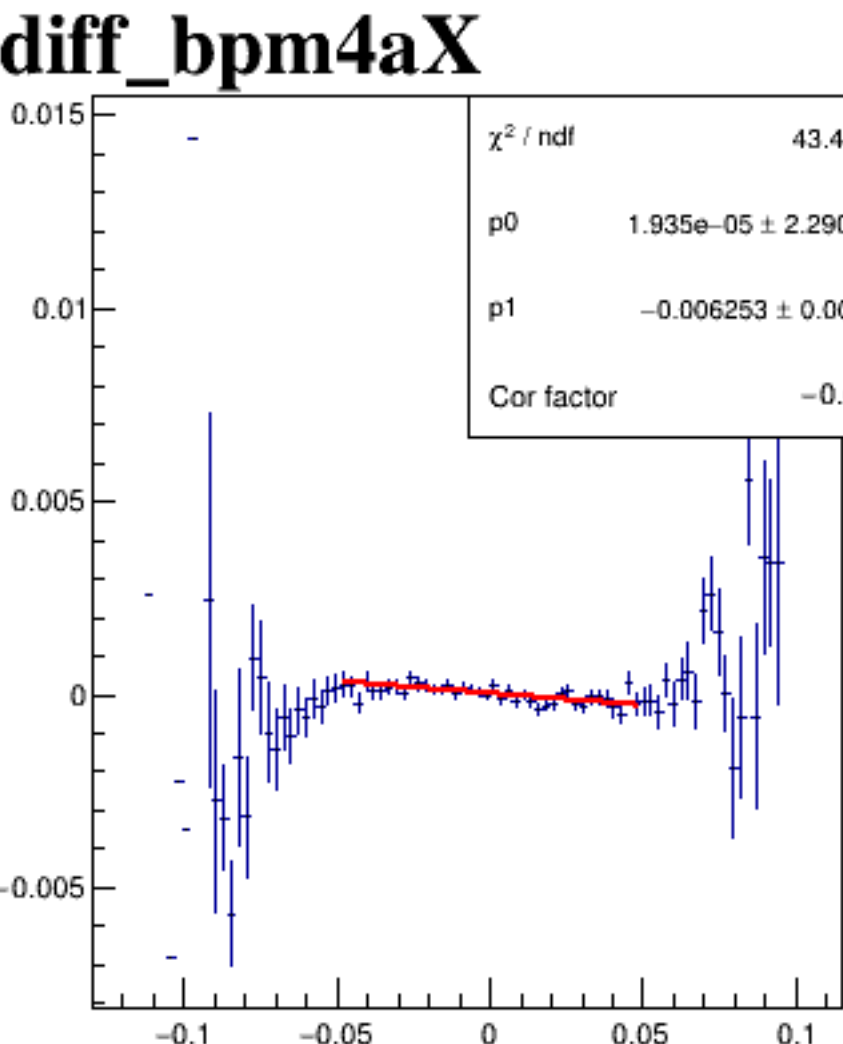
diff_bpm4aY



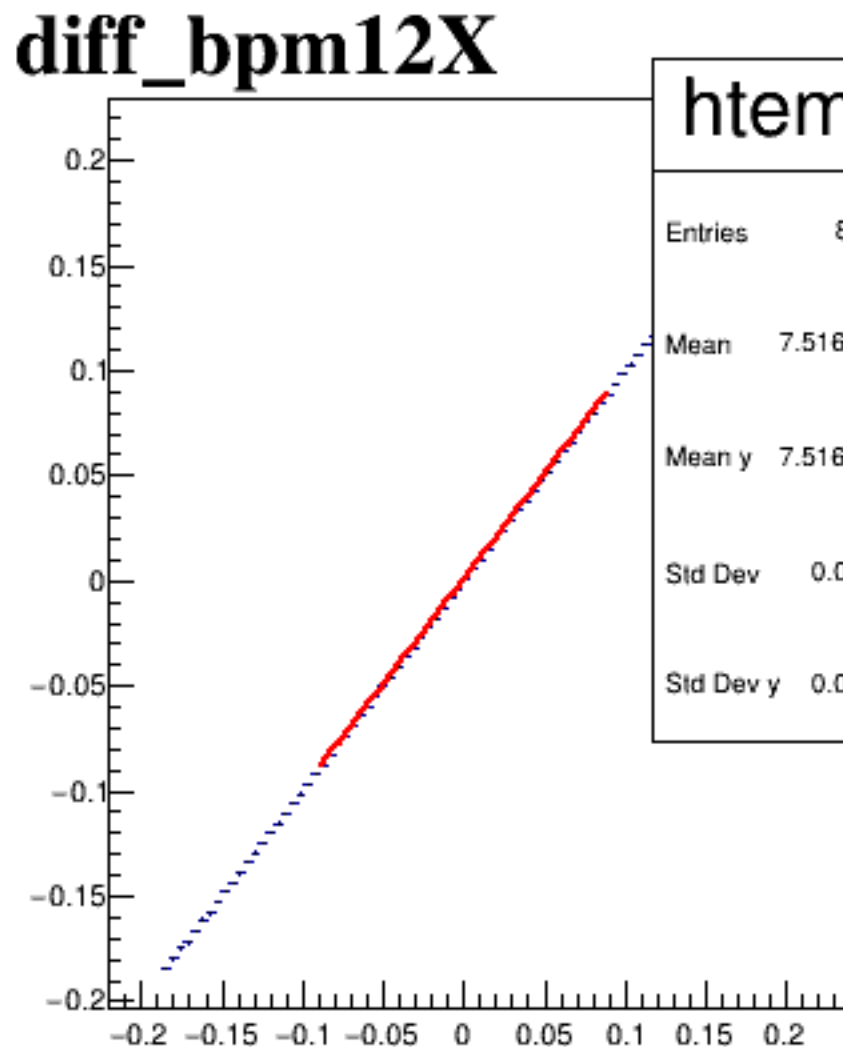
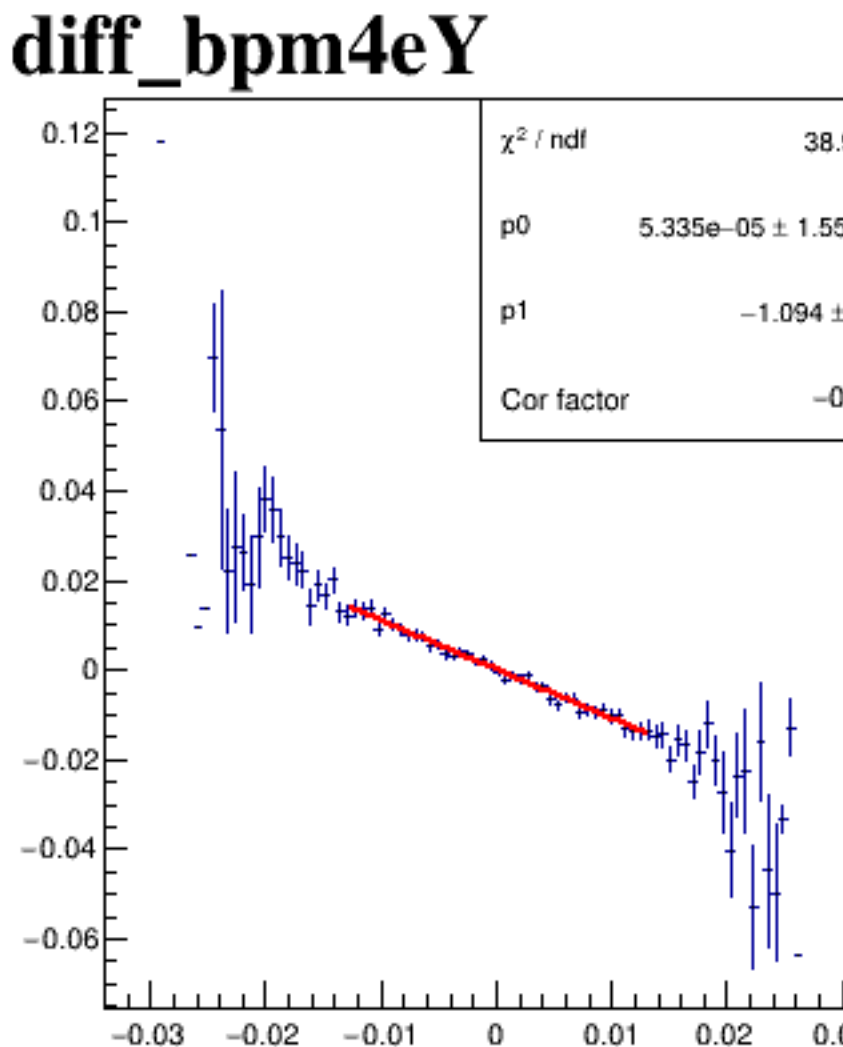
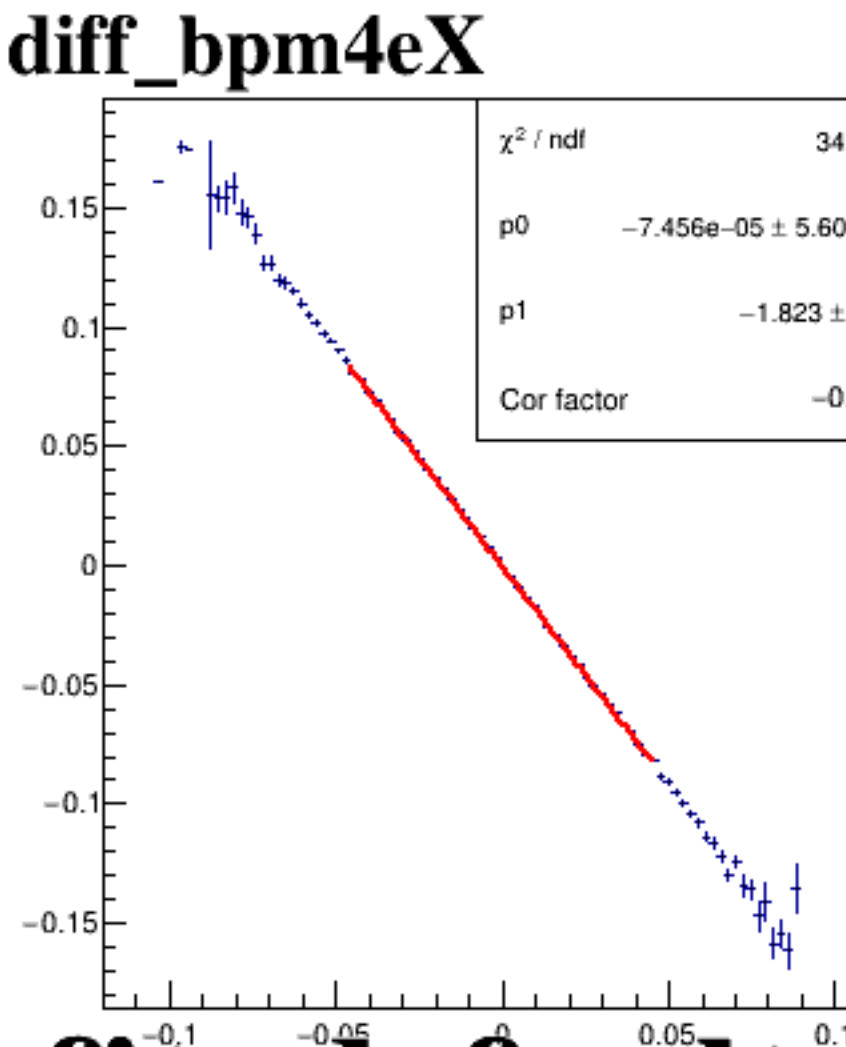
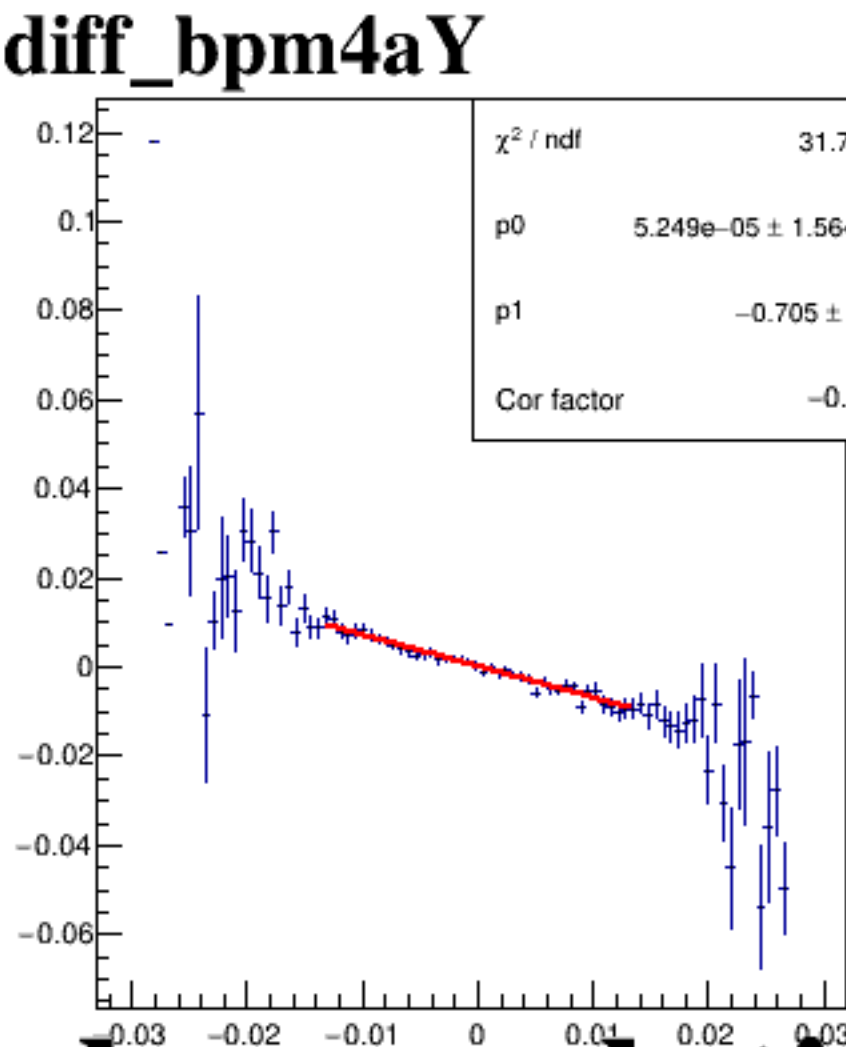
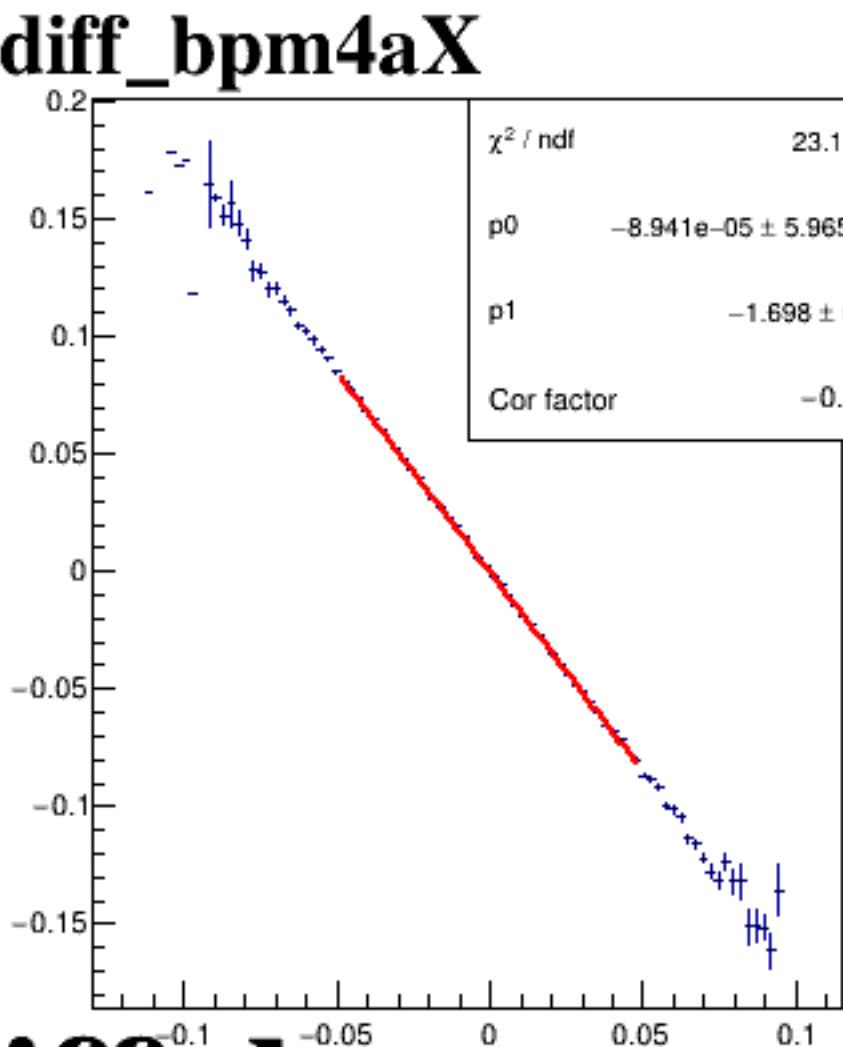
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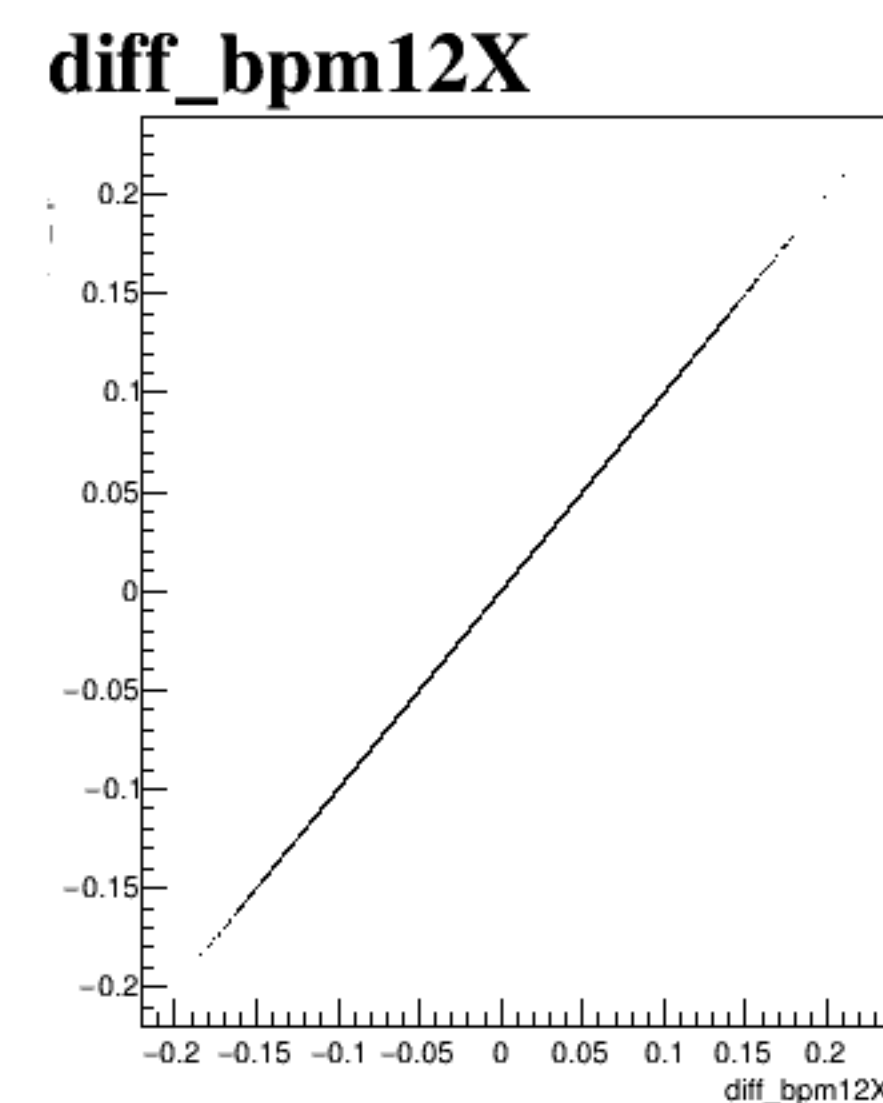
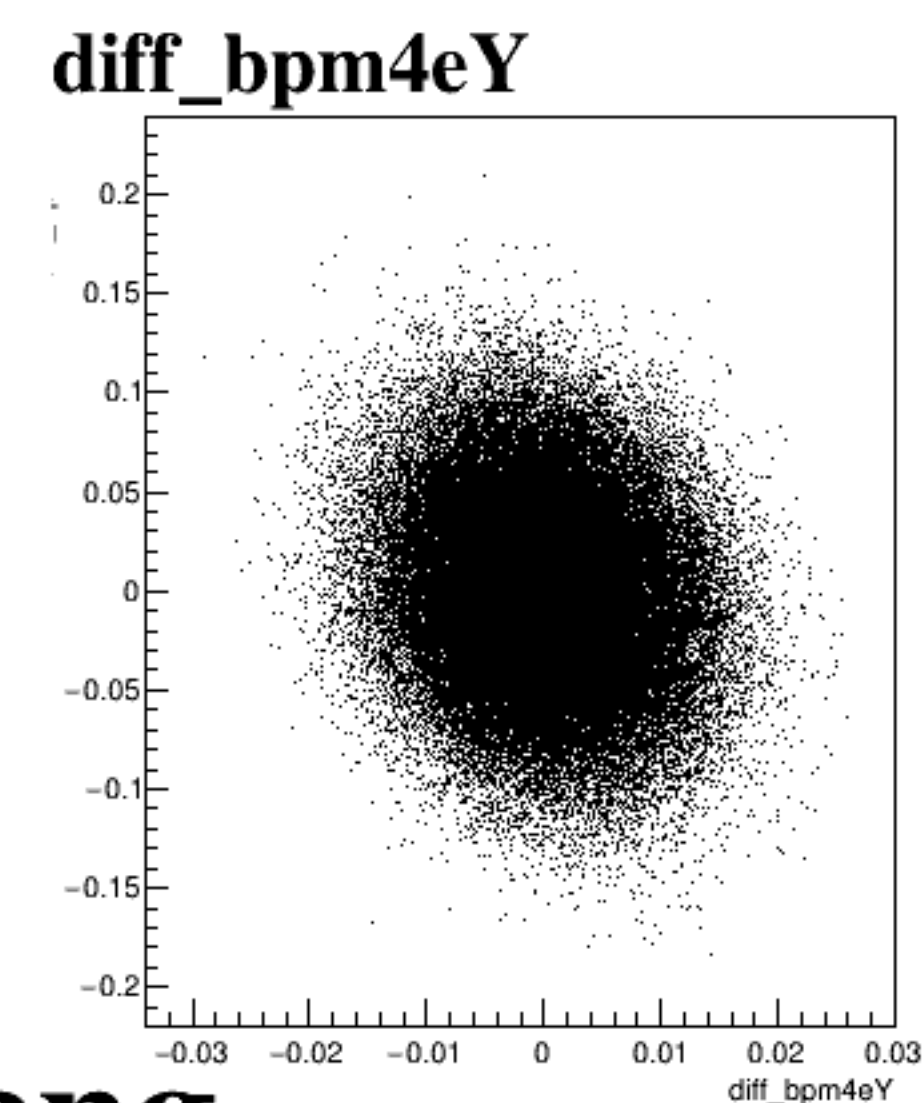
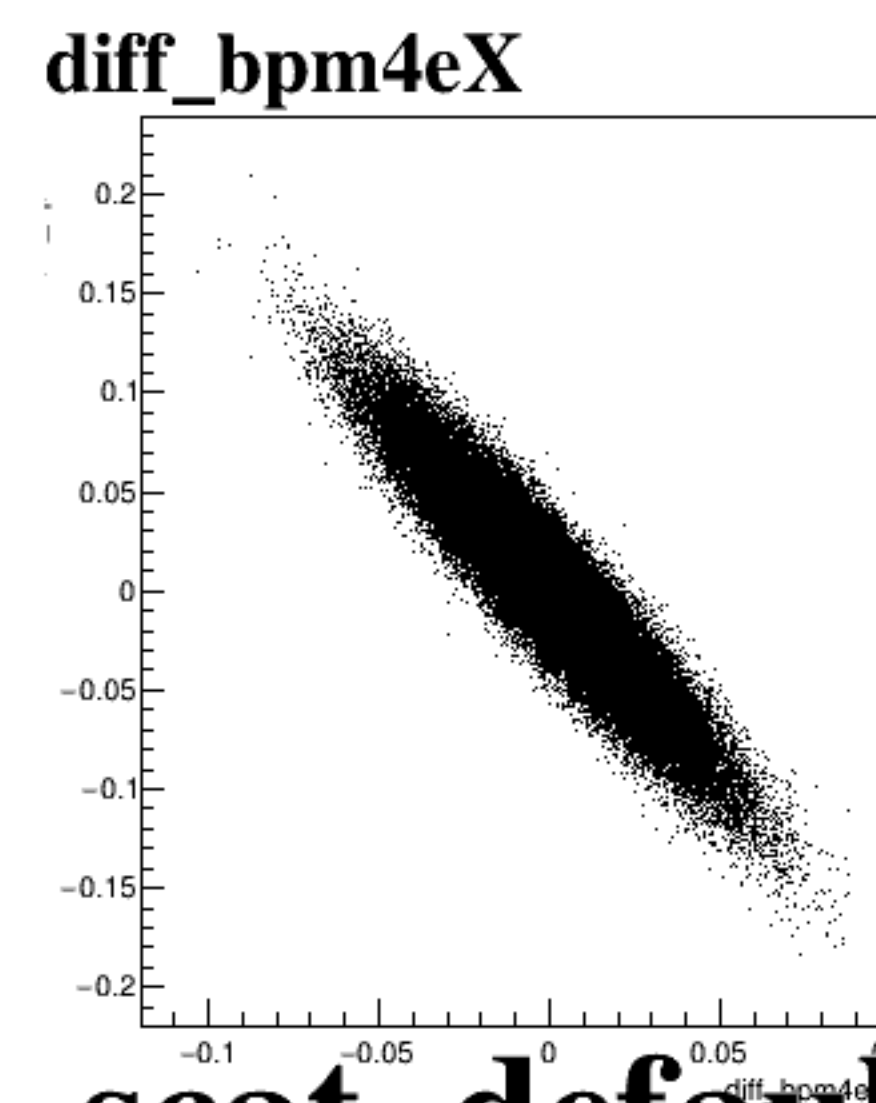
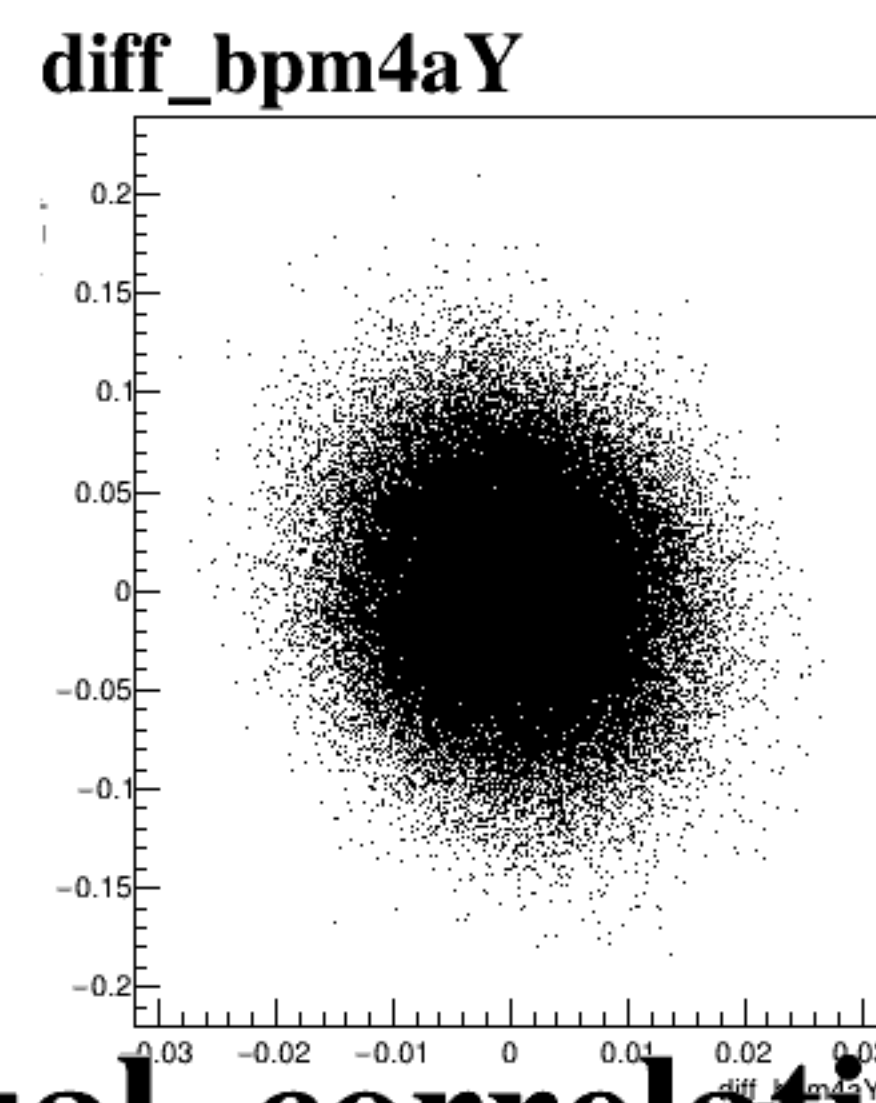
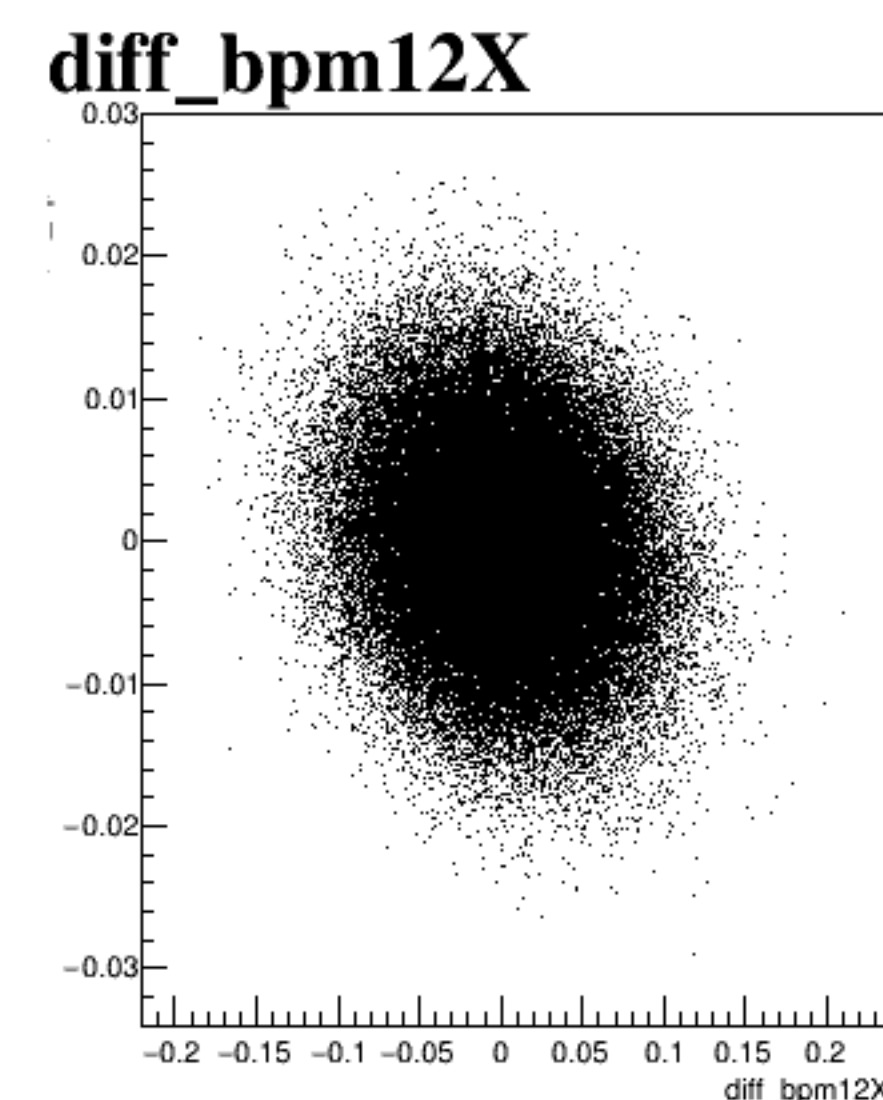
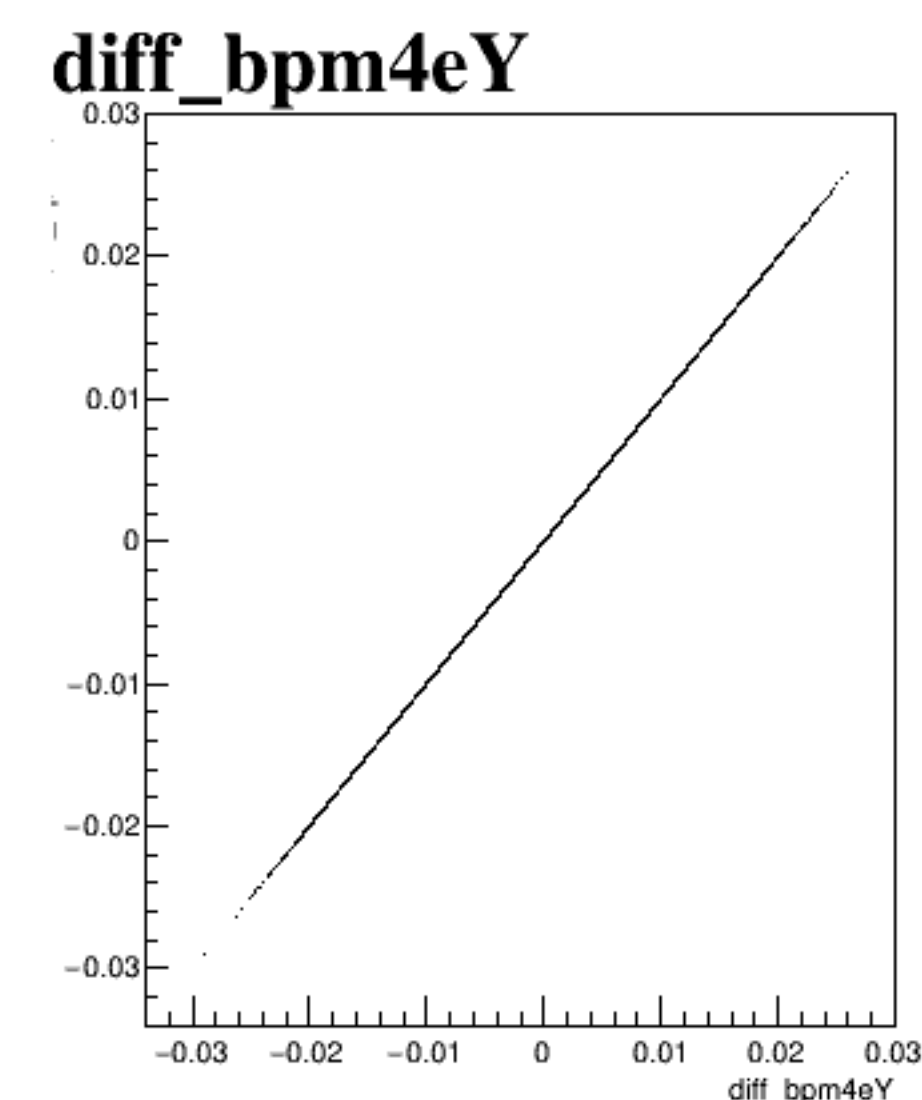
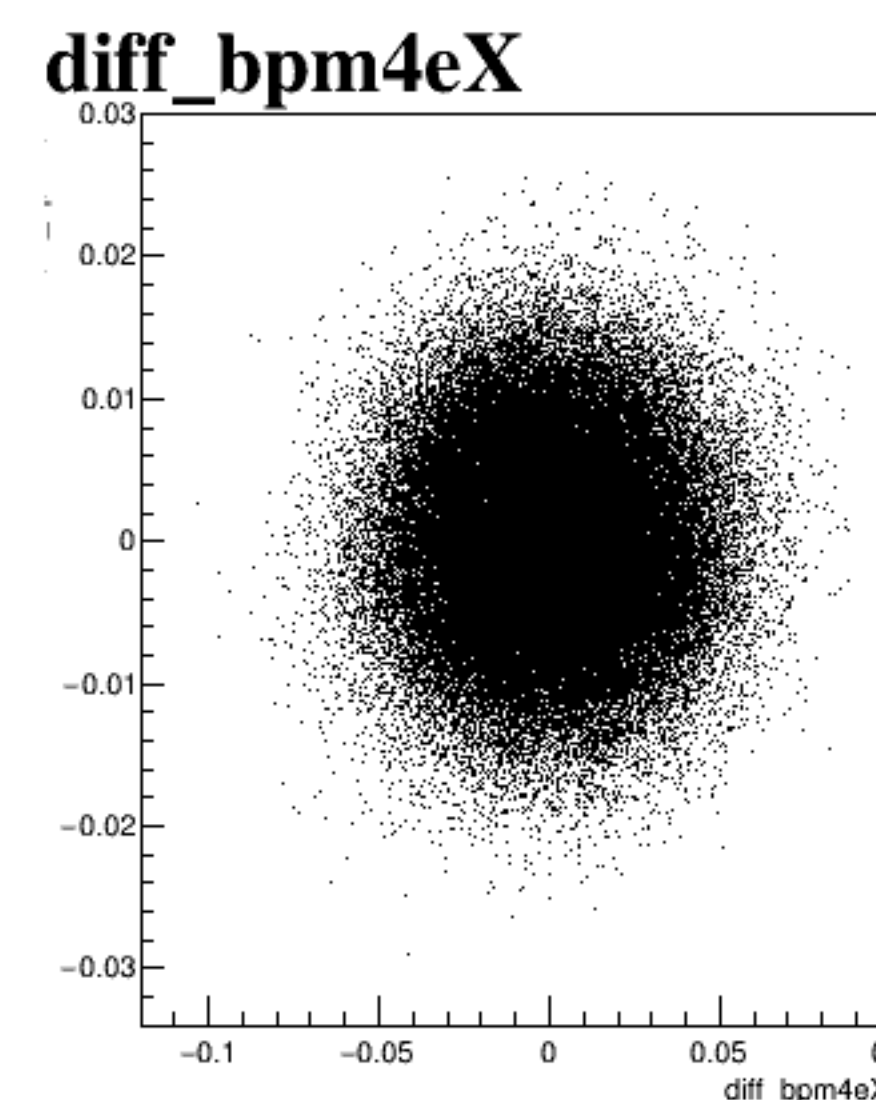
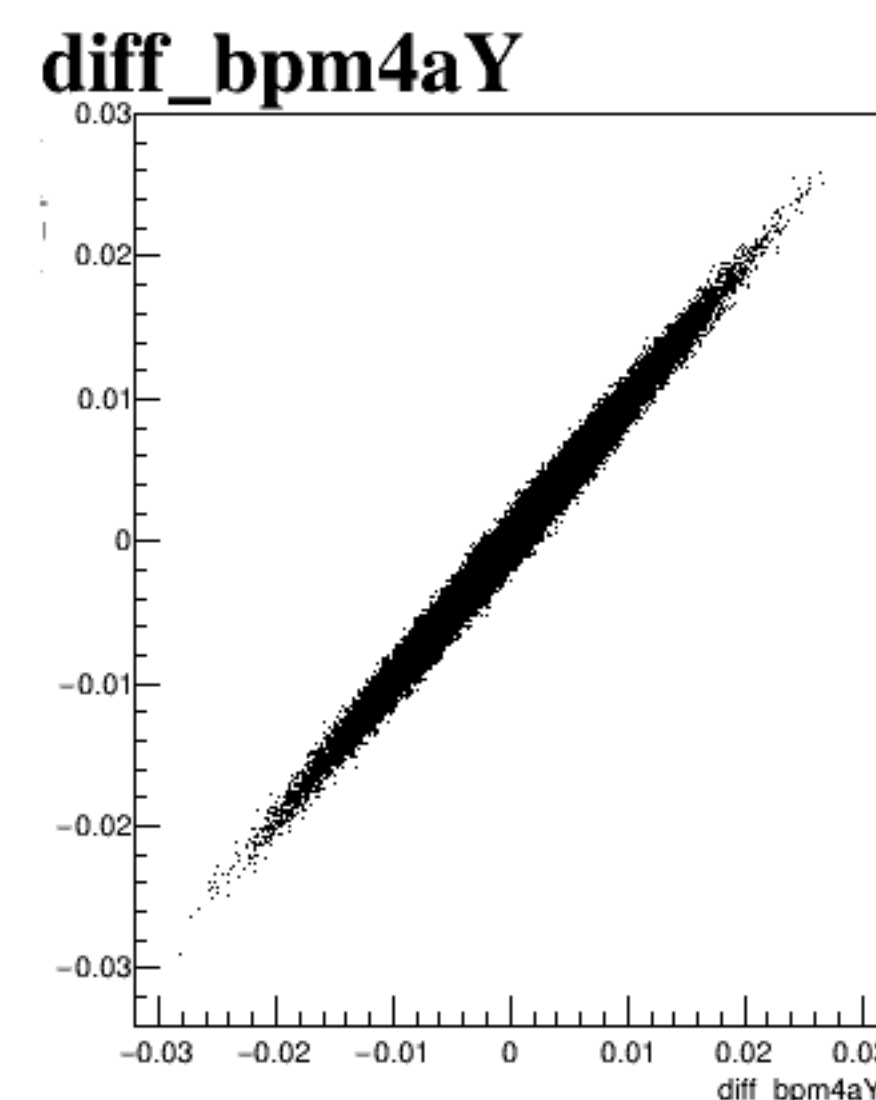
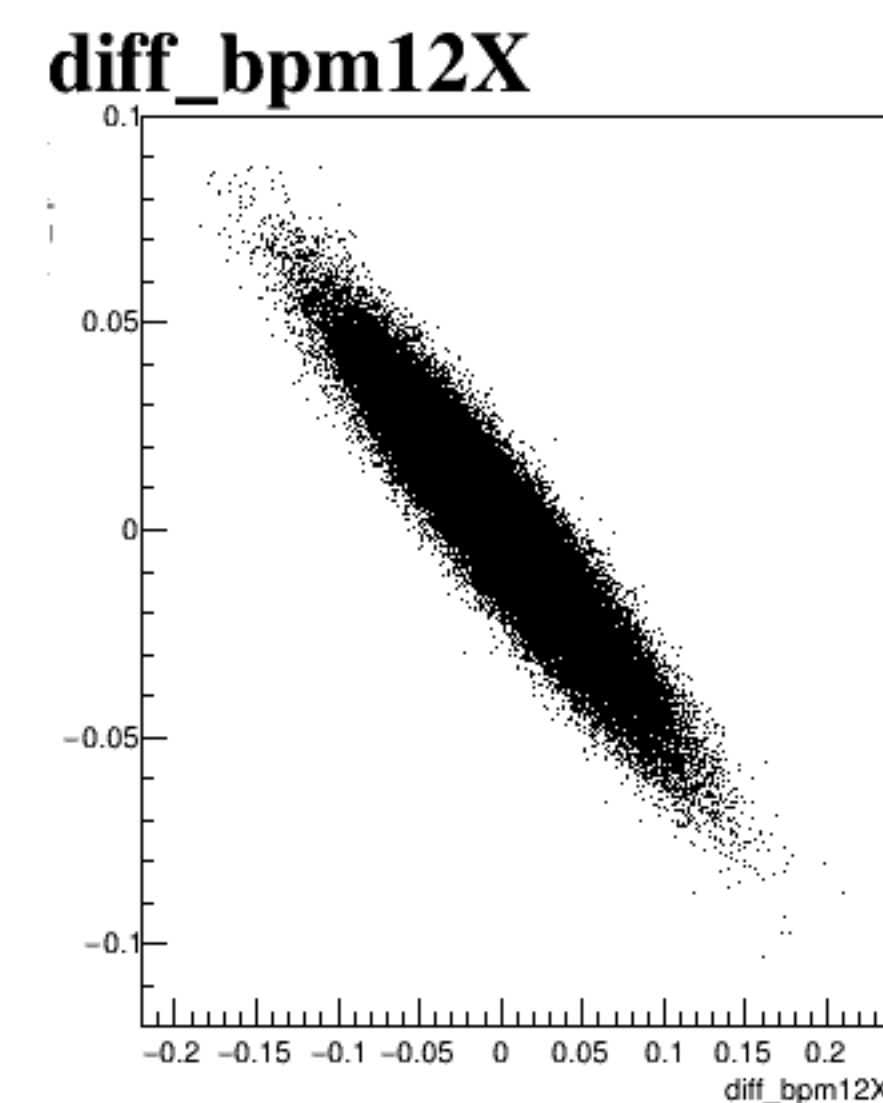
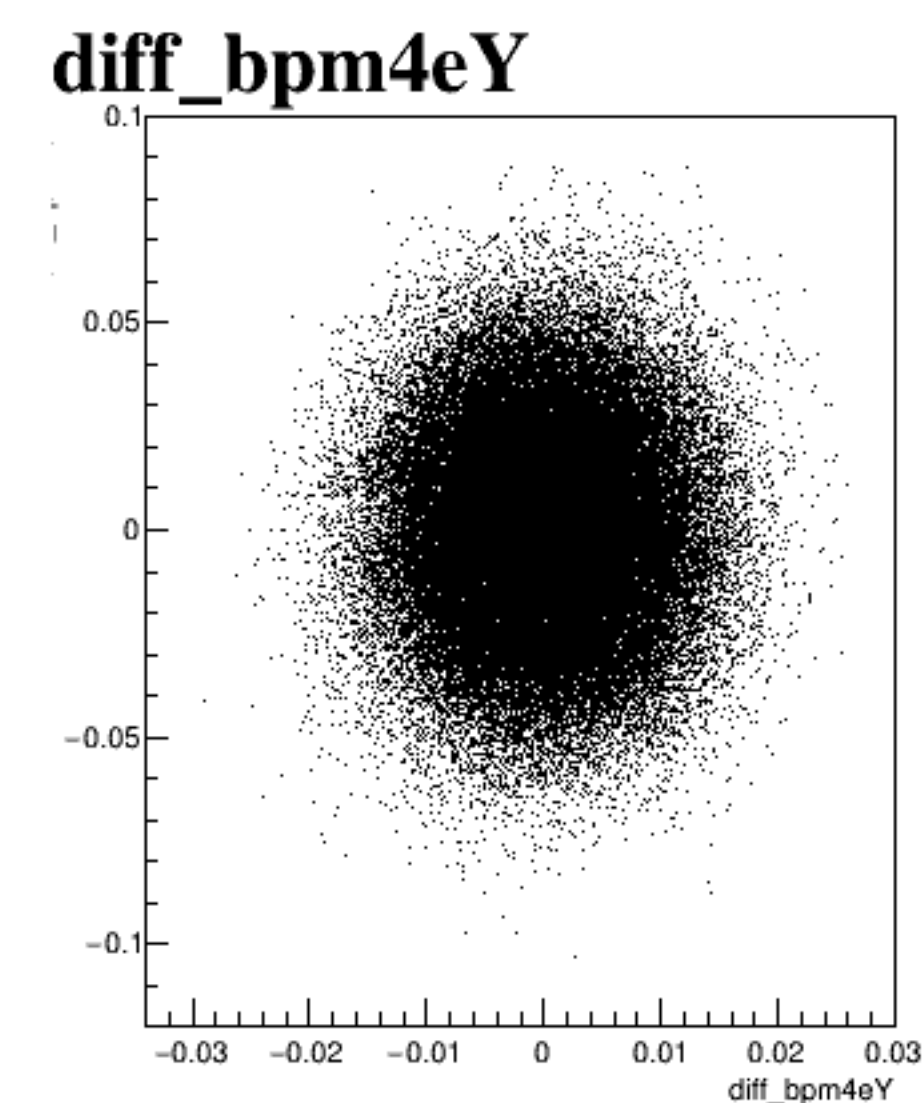
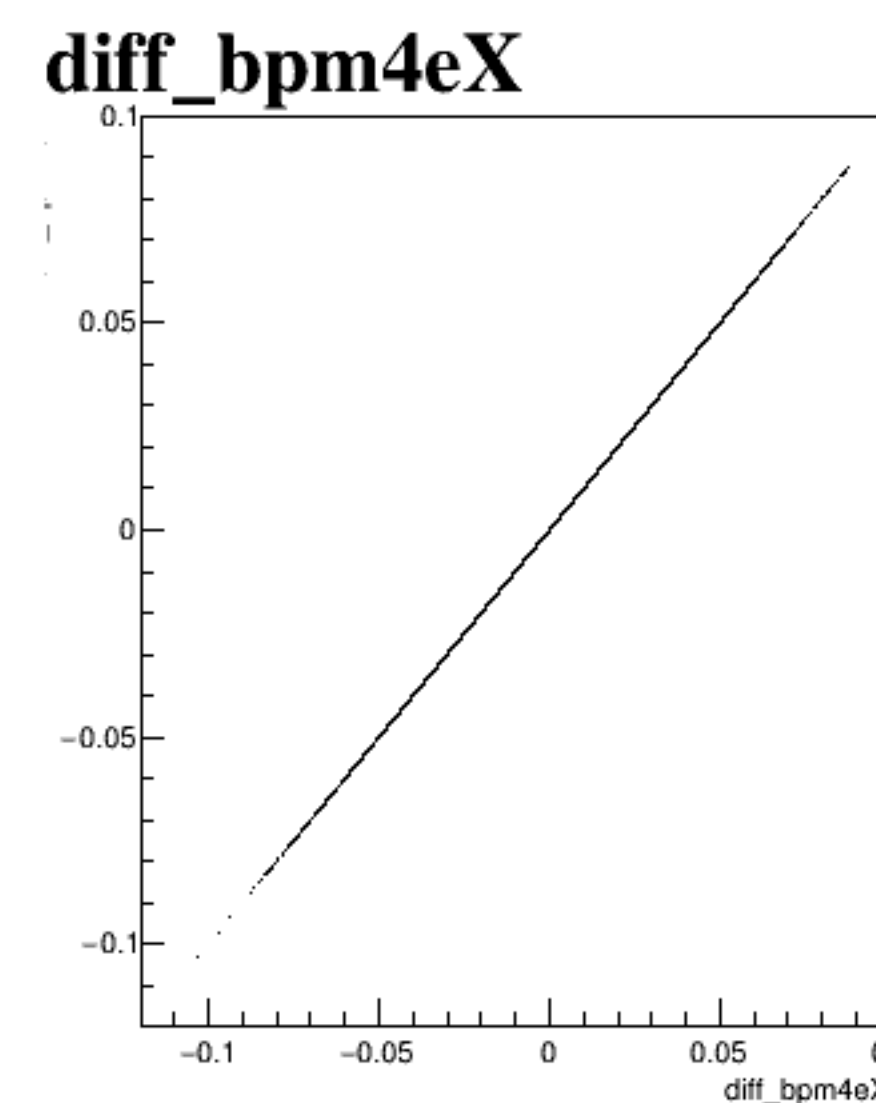
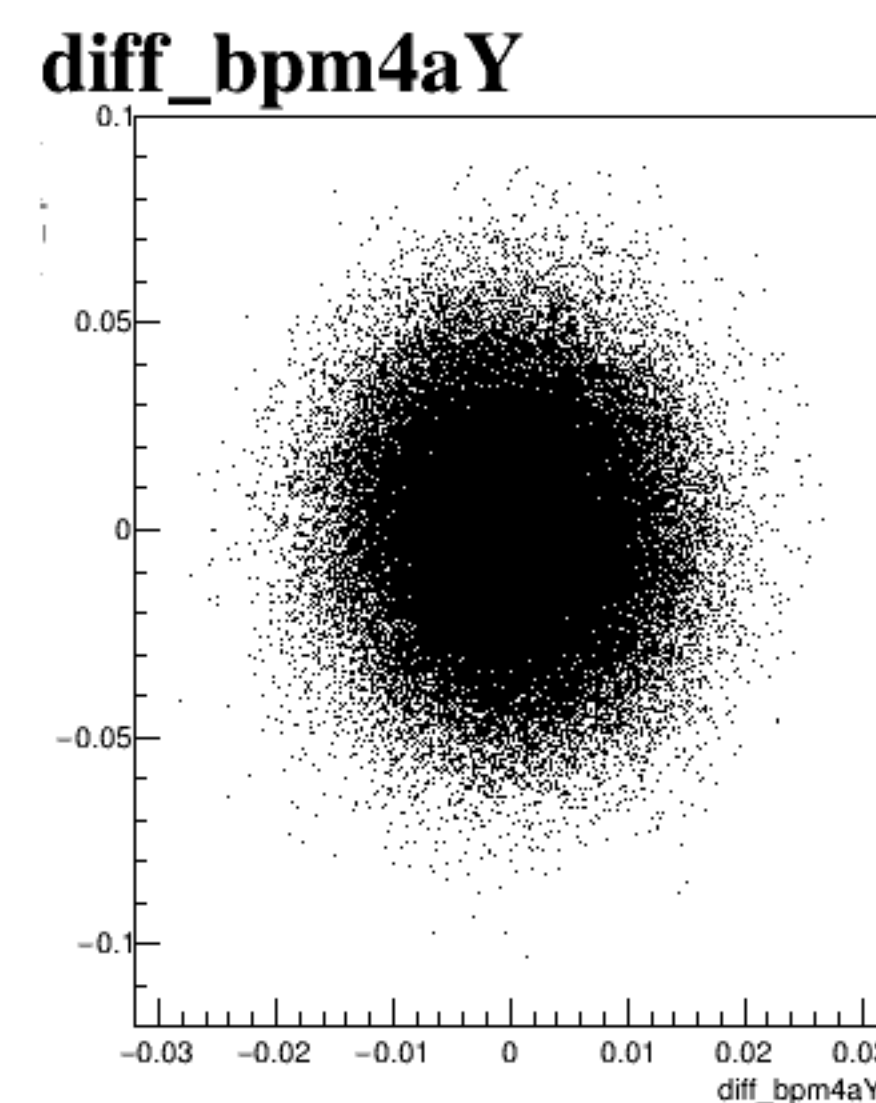
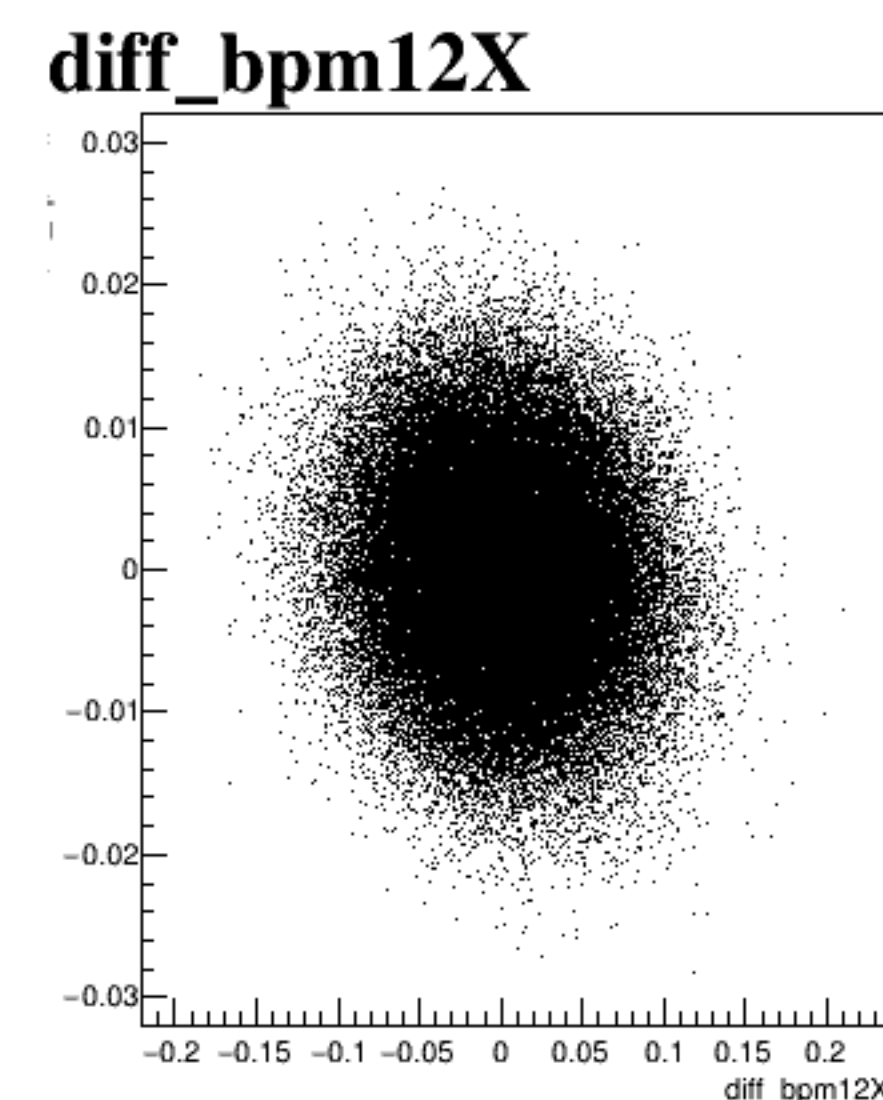
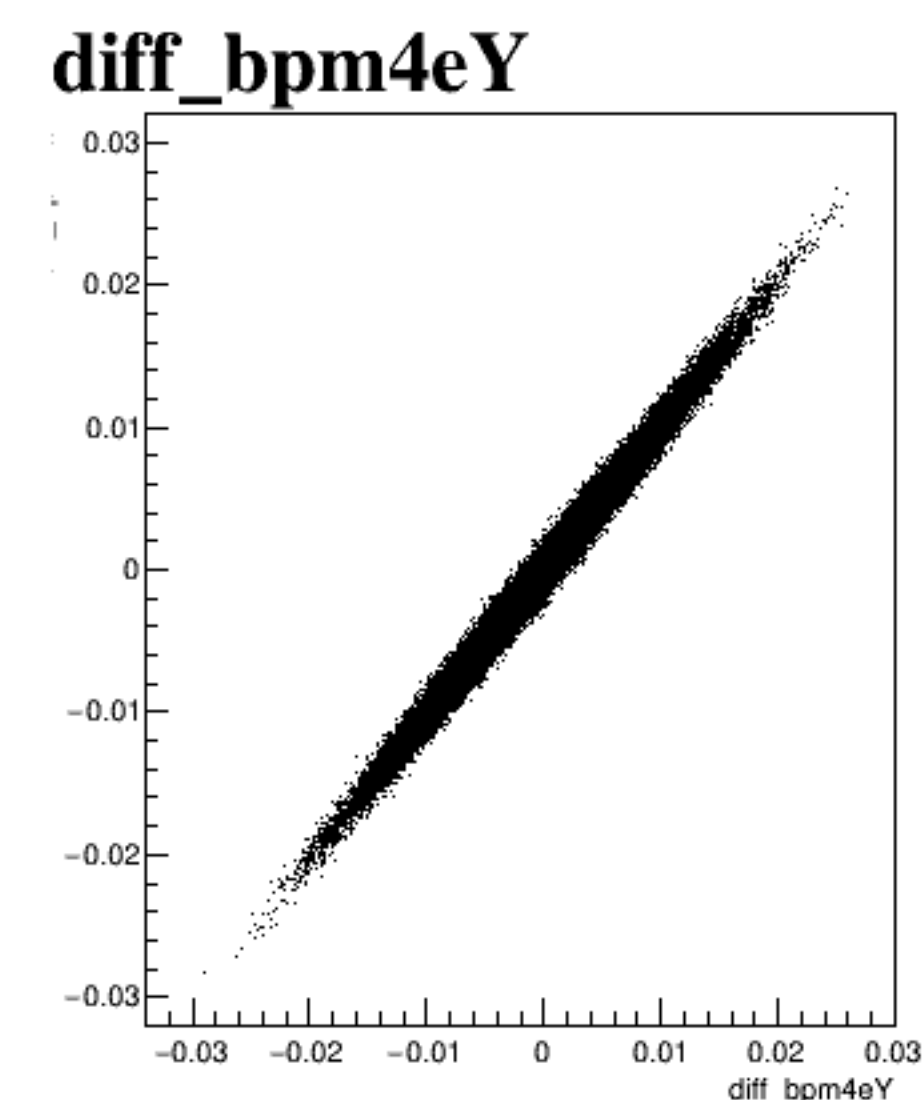
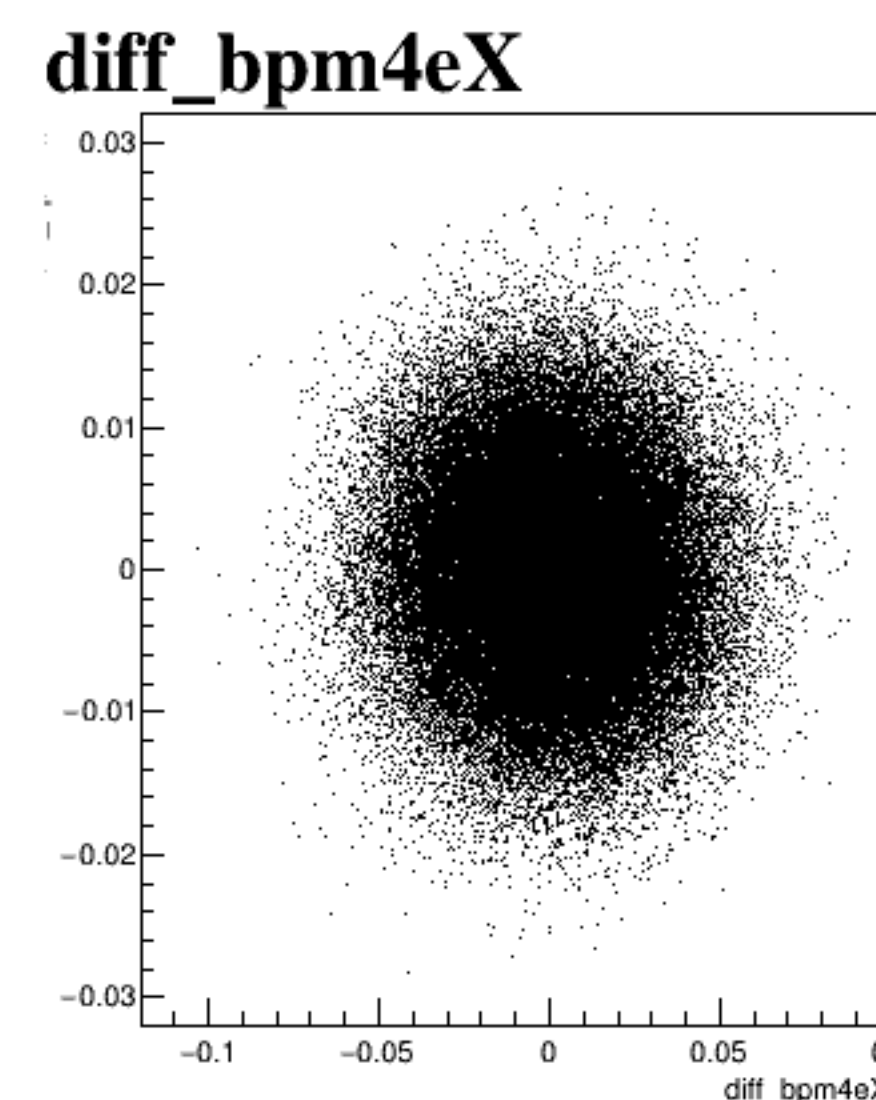
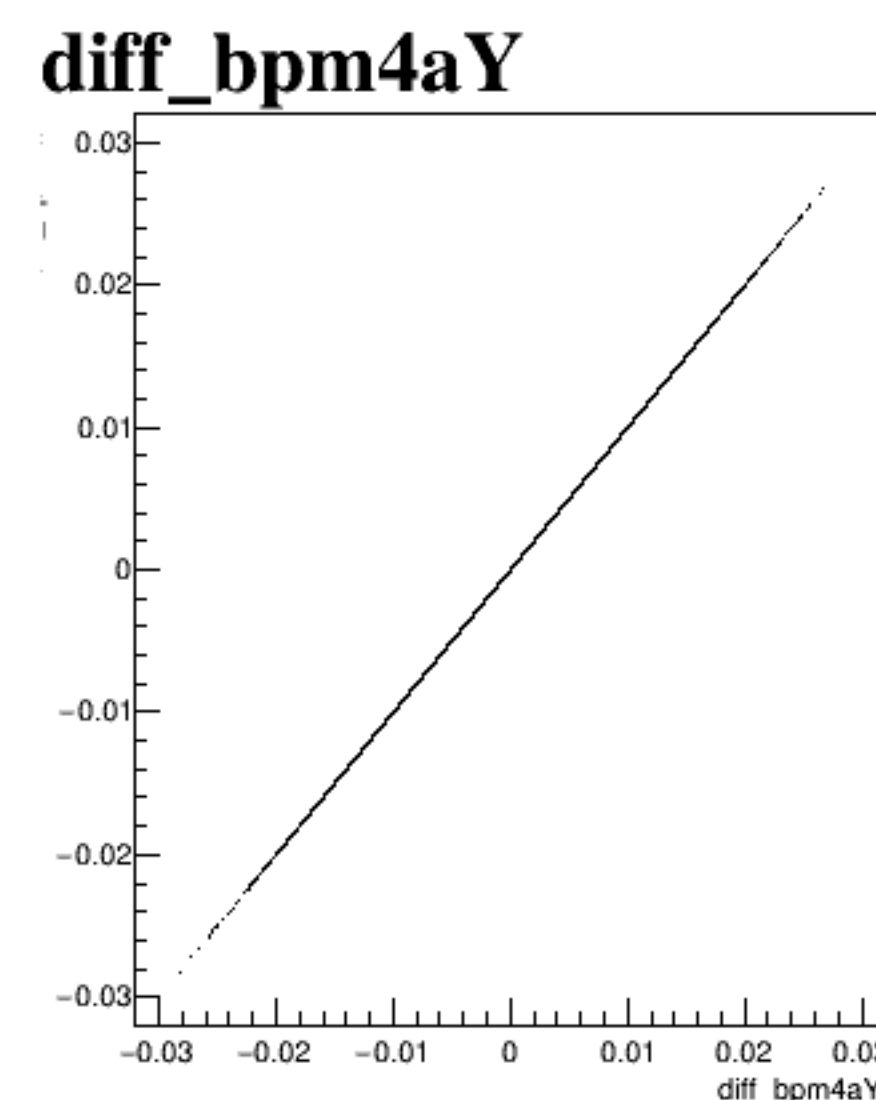
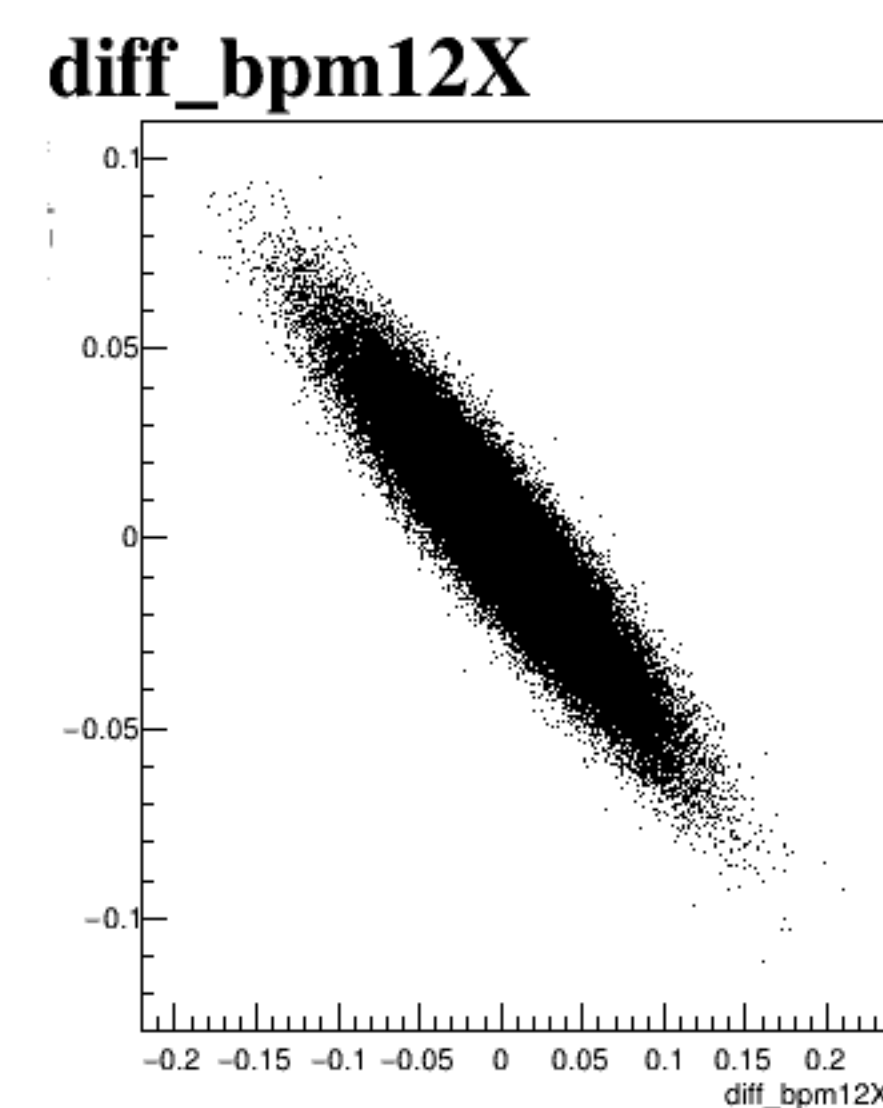
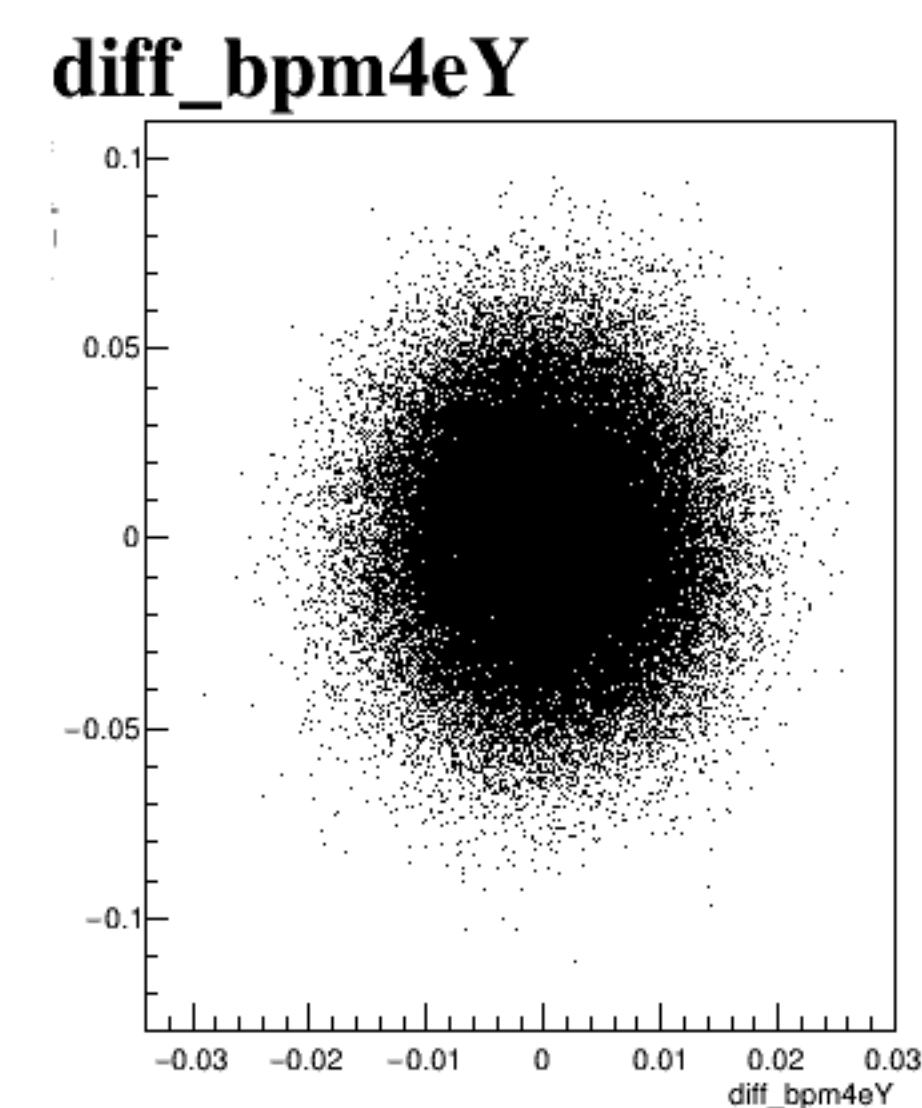
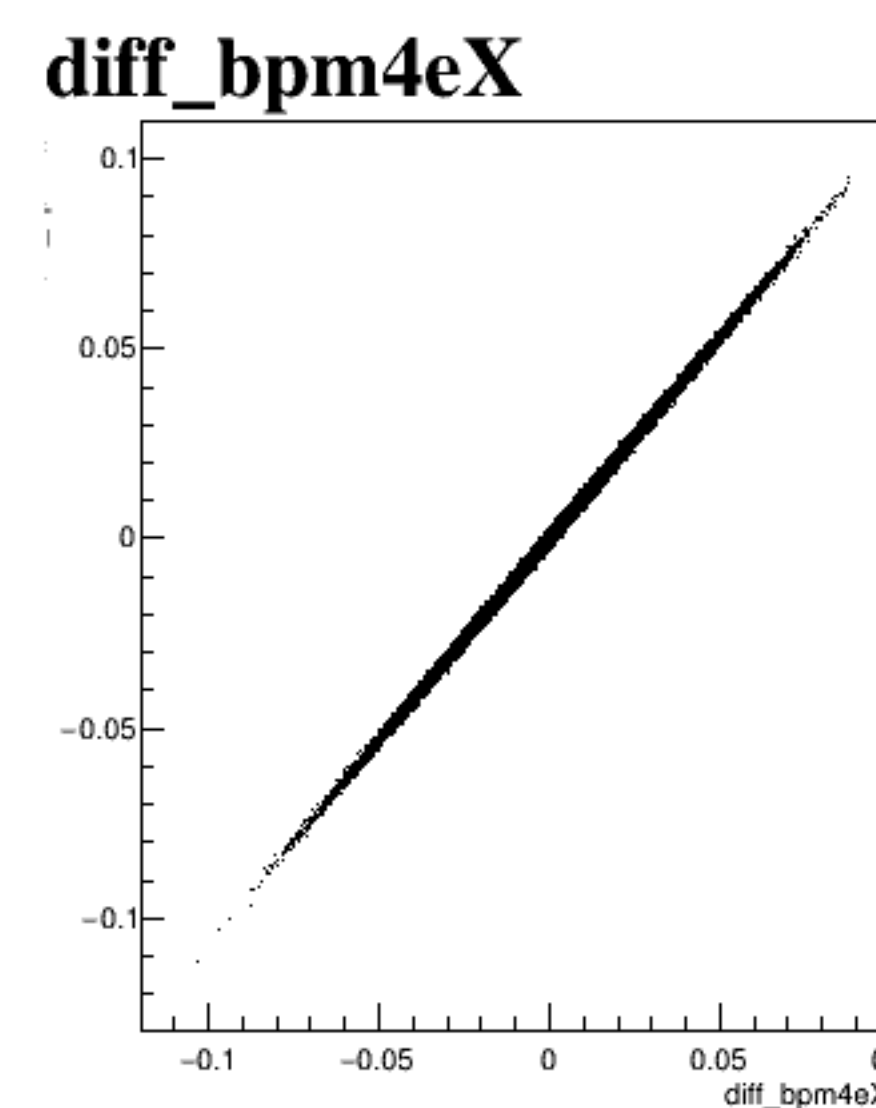
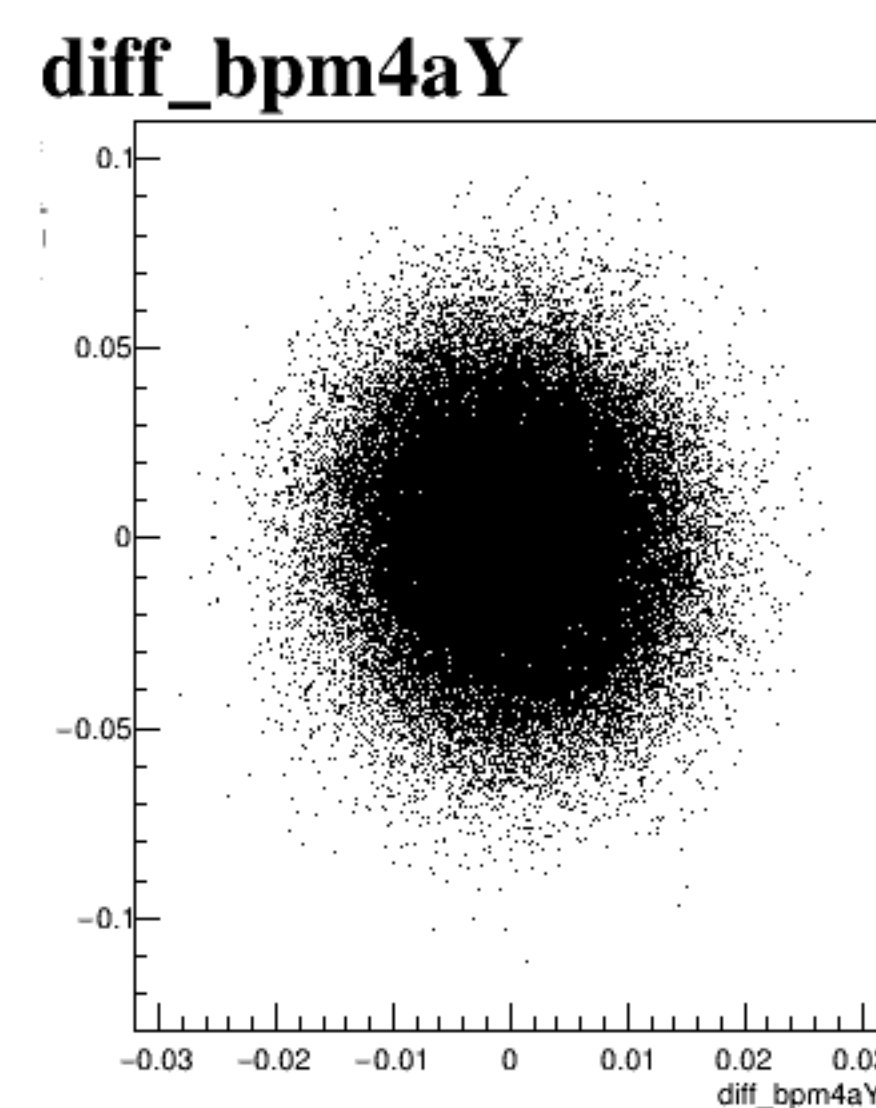


diff_bpm4eY



diff_bpm12X

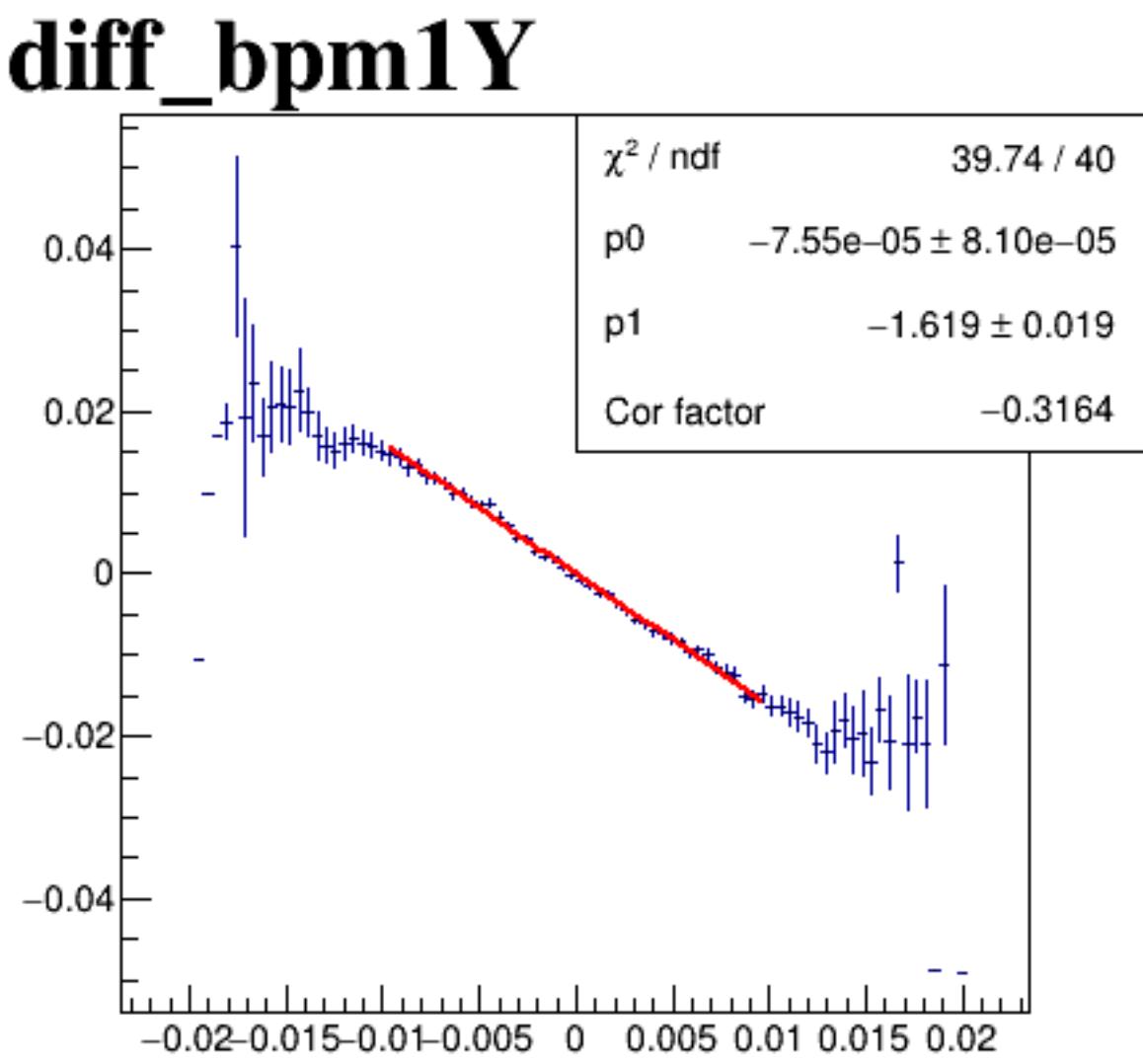
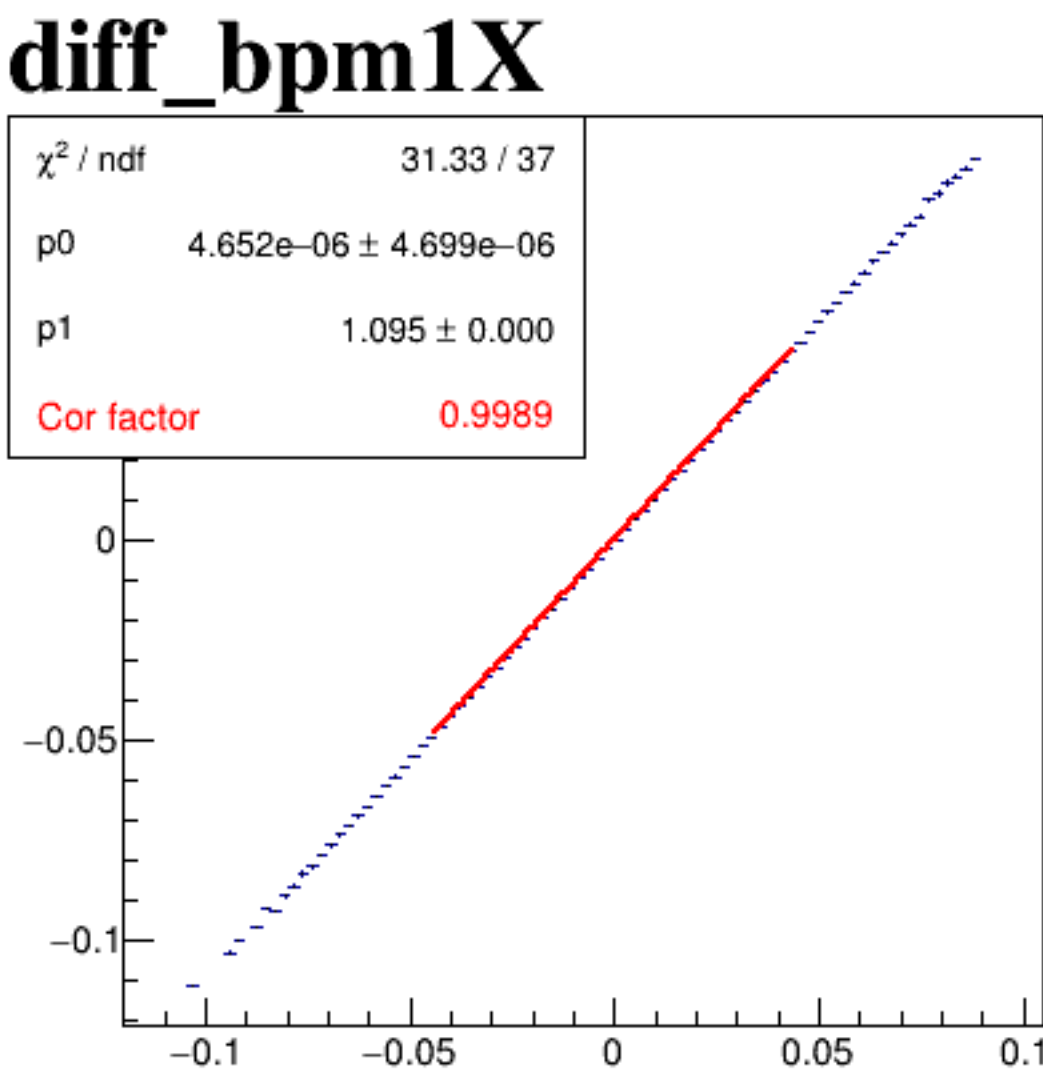
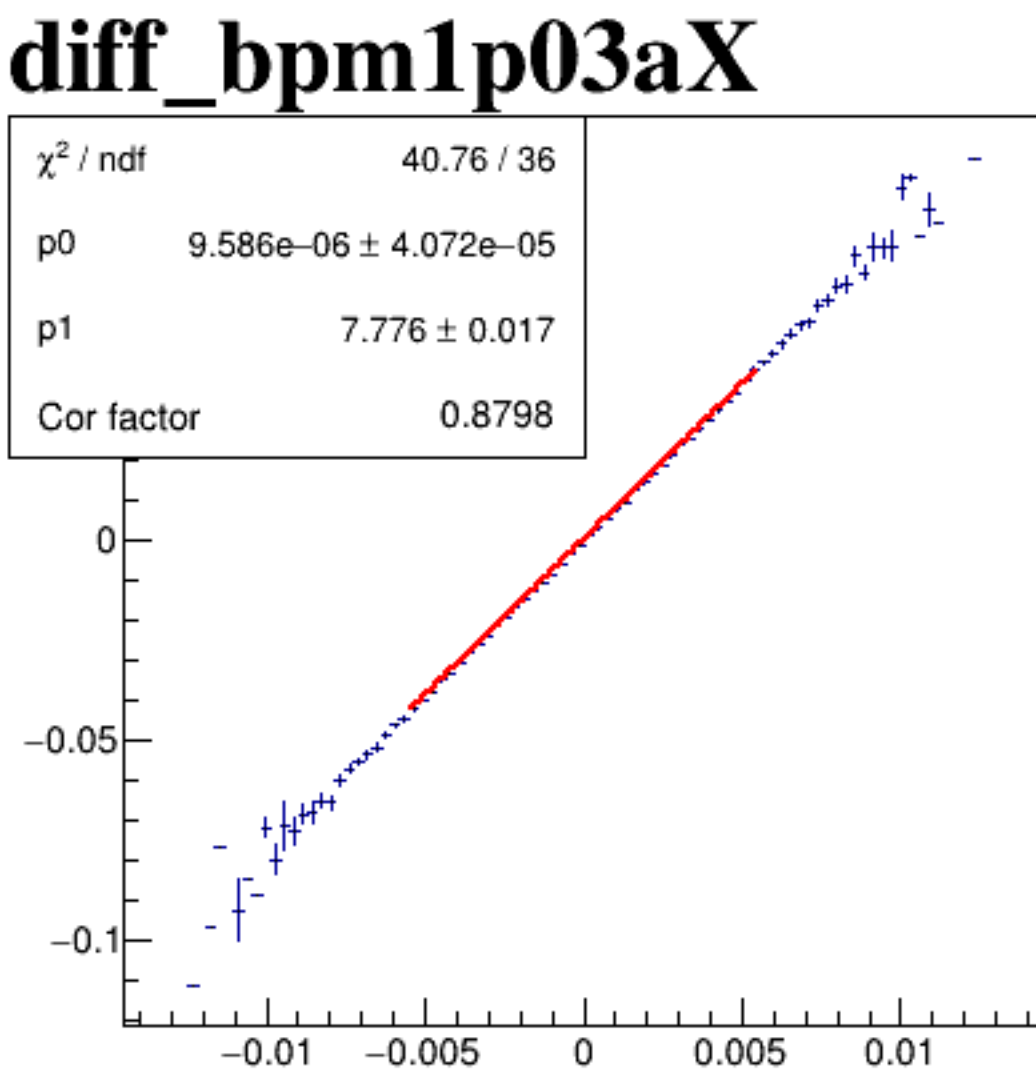
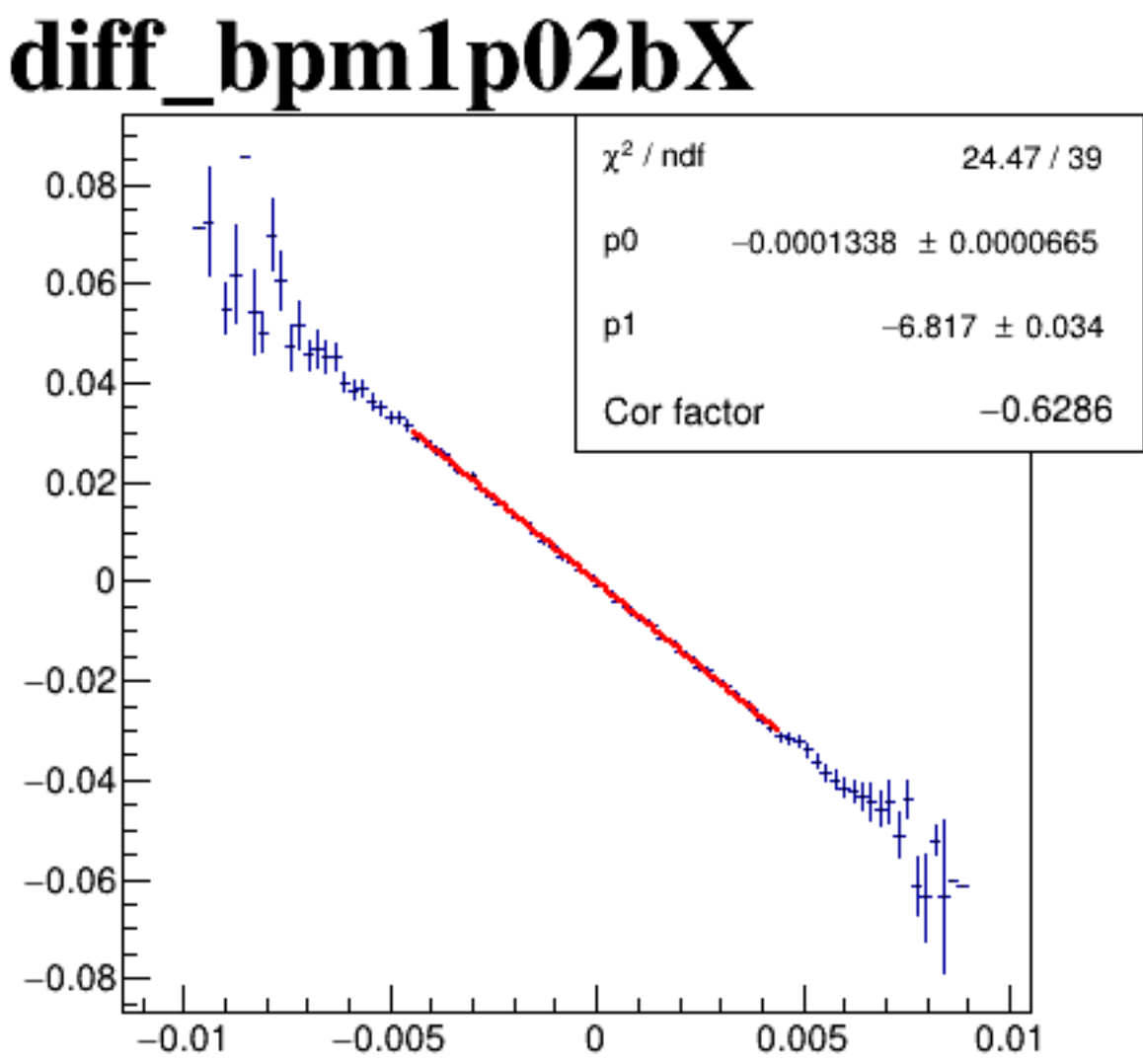




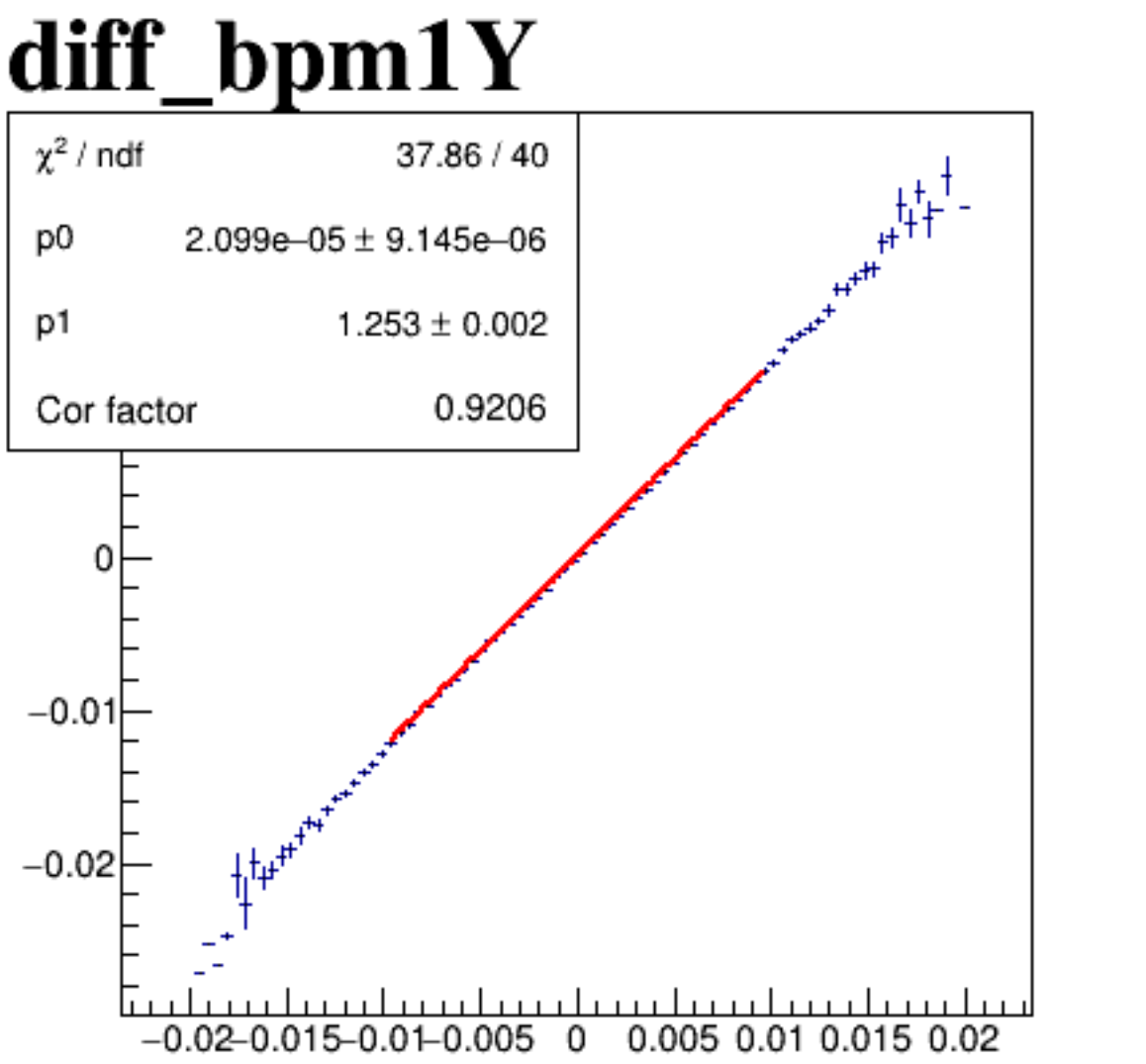
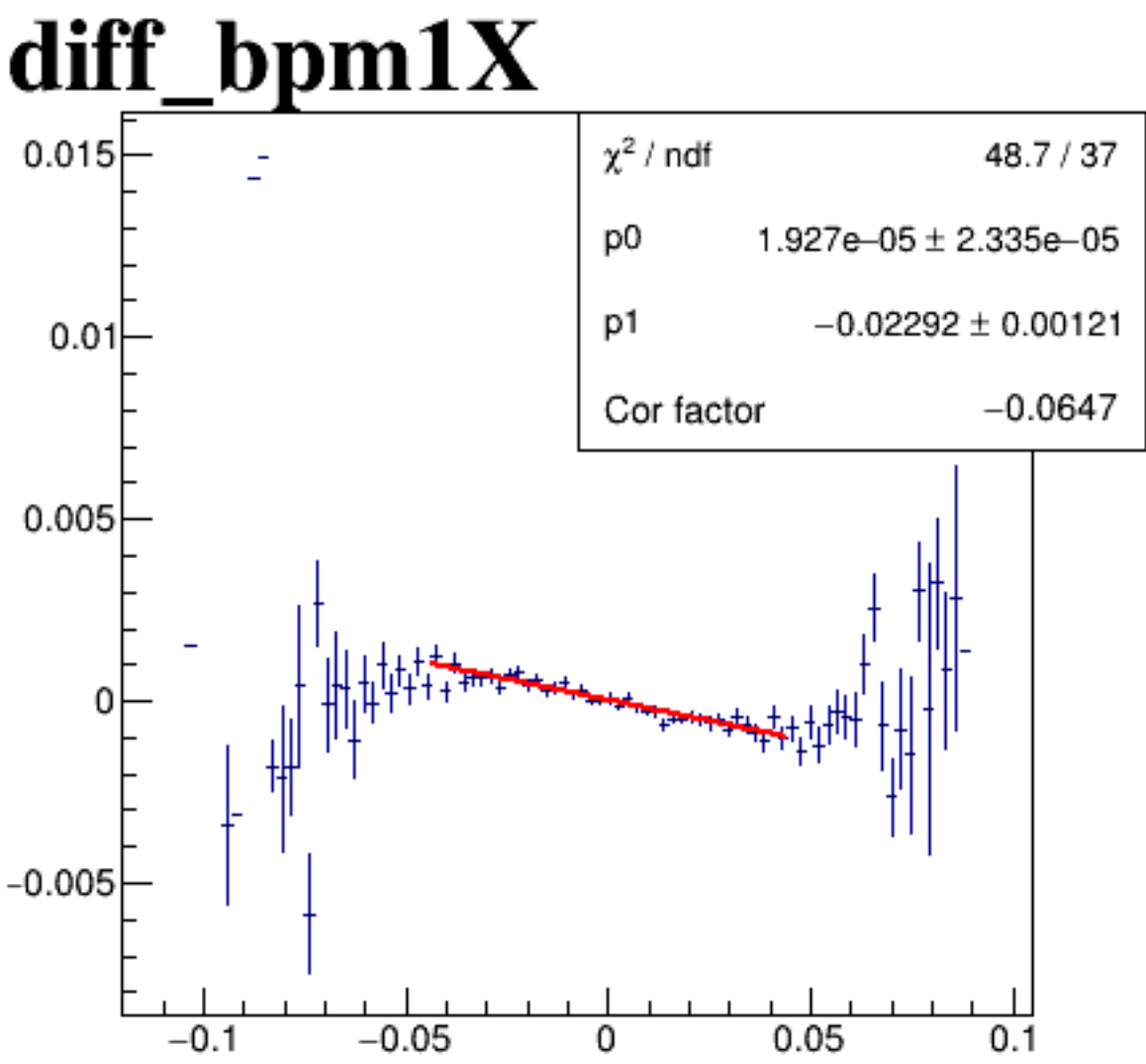
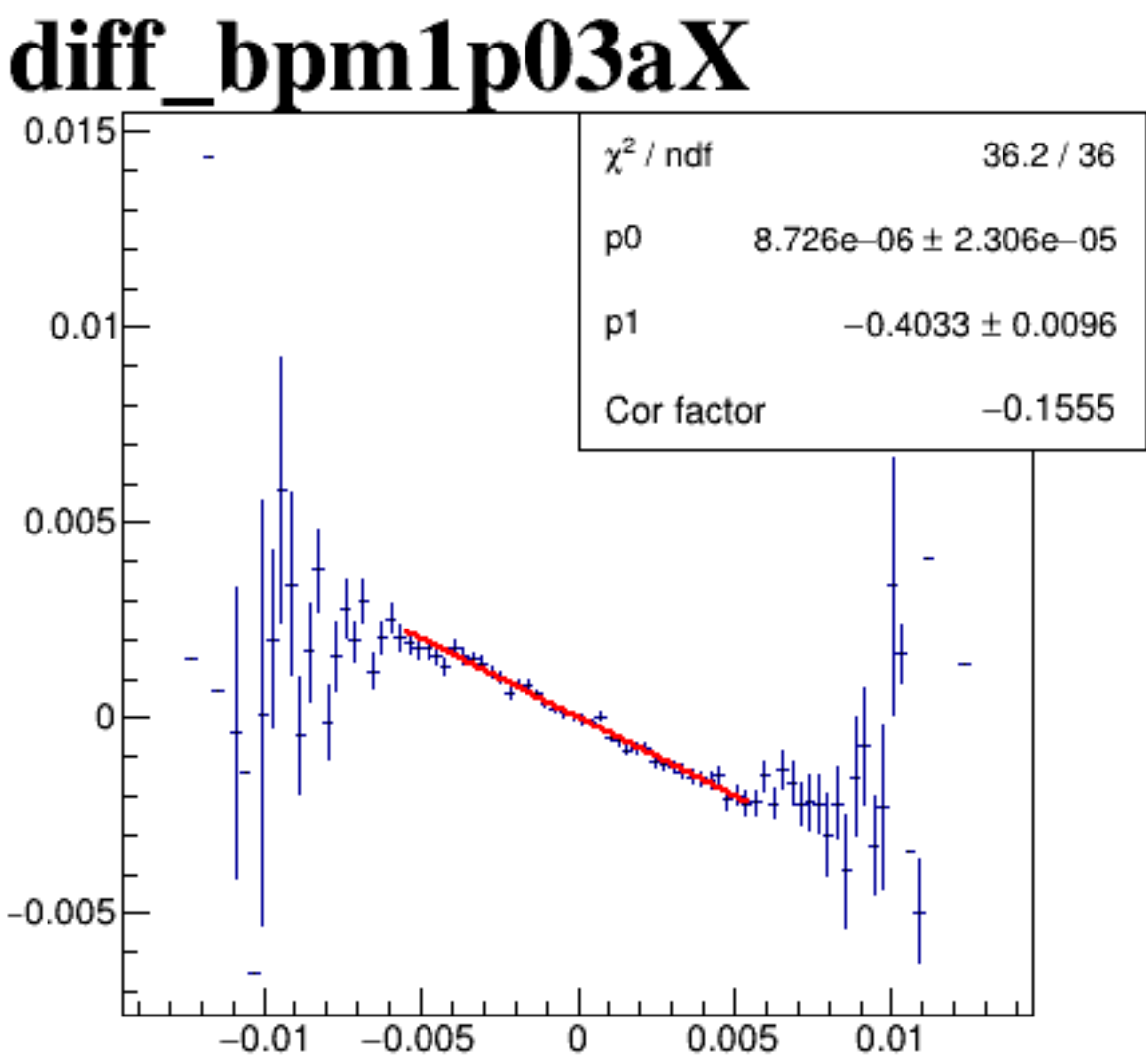
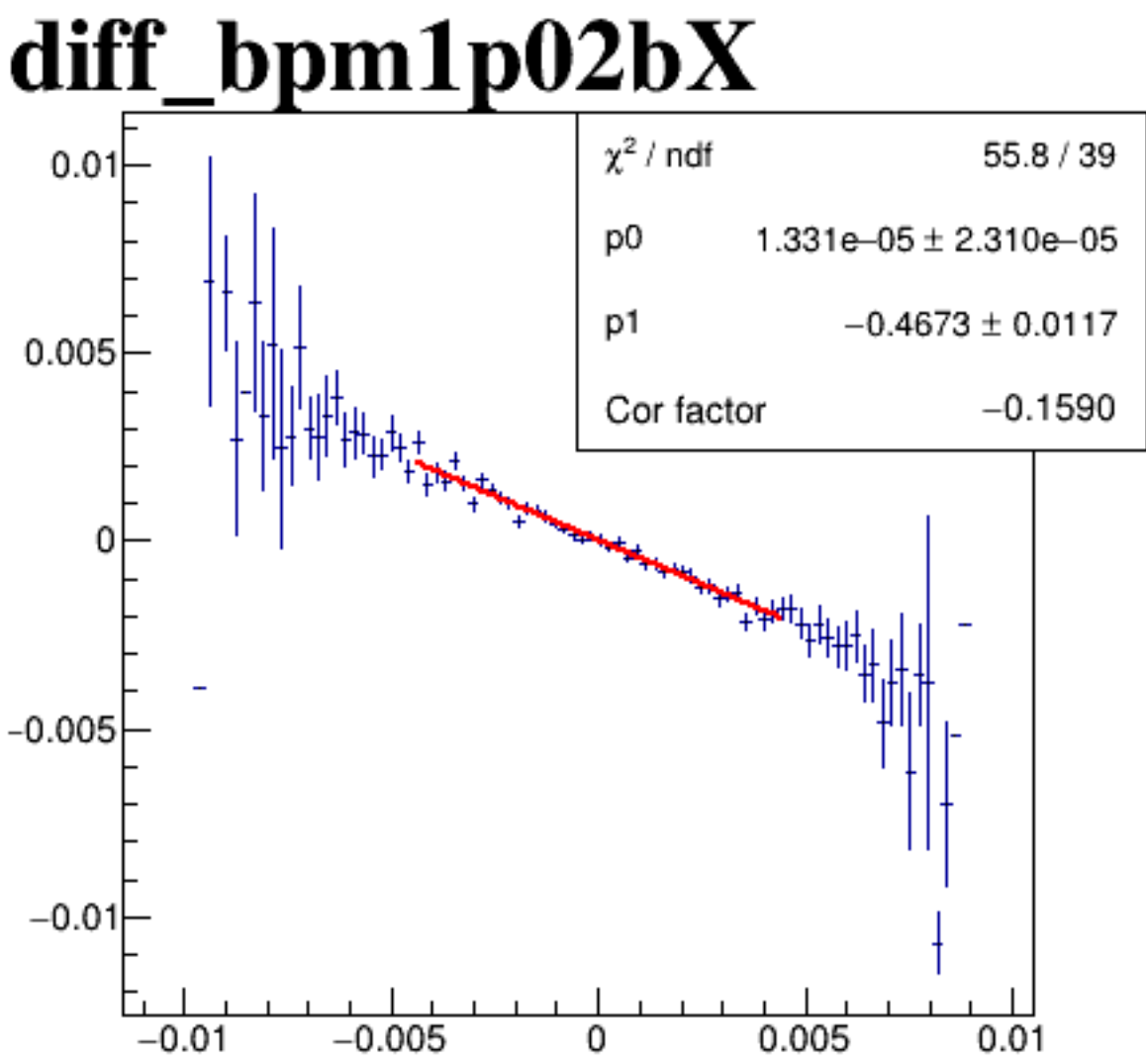
run8415_000_diff_bpm_mutual_correlation_scatter_default.png

run8415_000_diff_bpm_mutual_correlation_COLZ_upstream.png

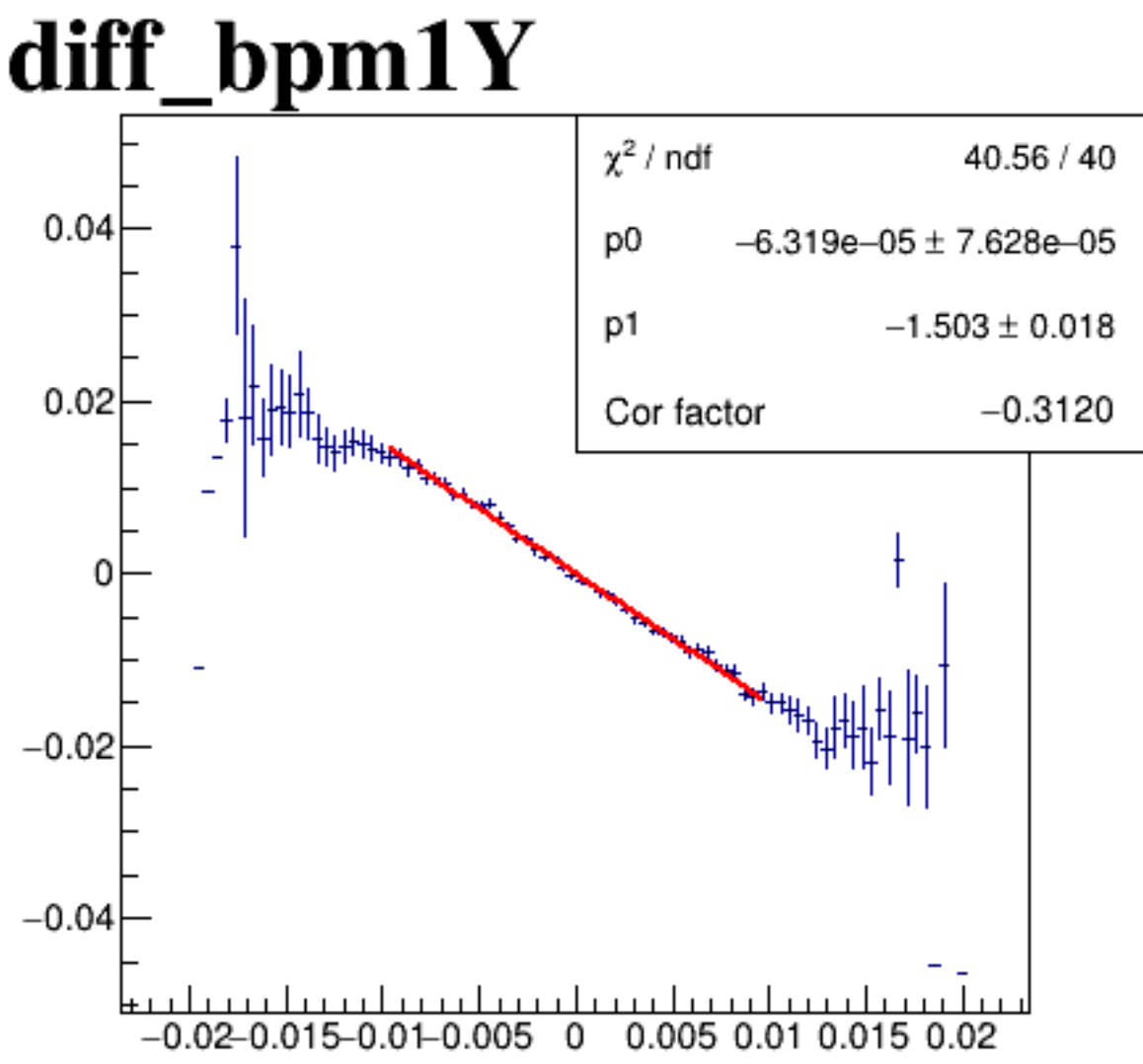
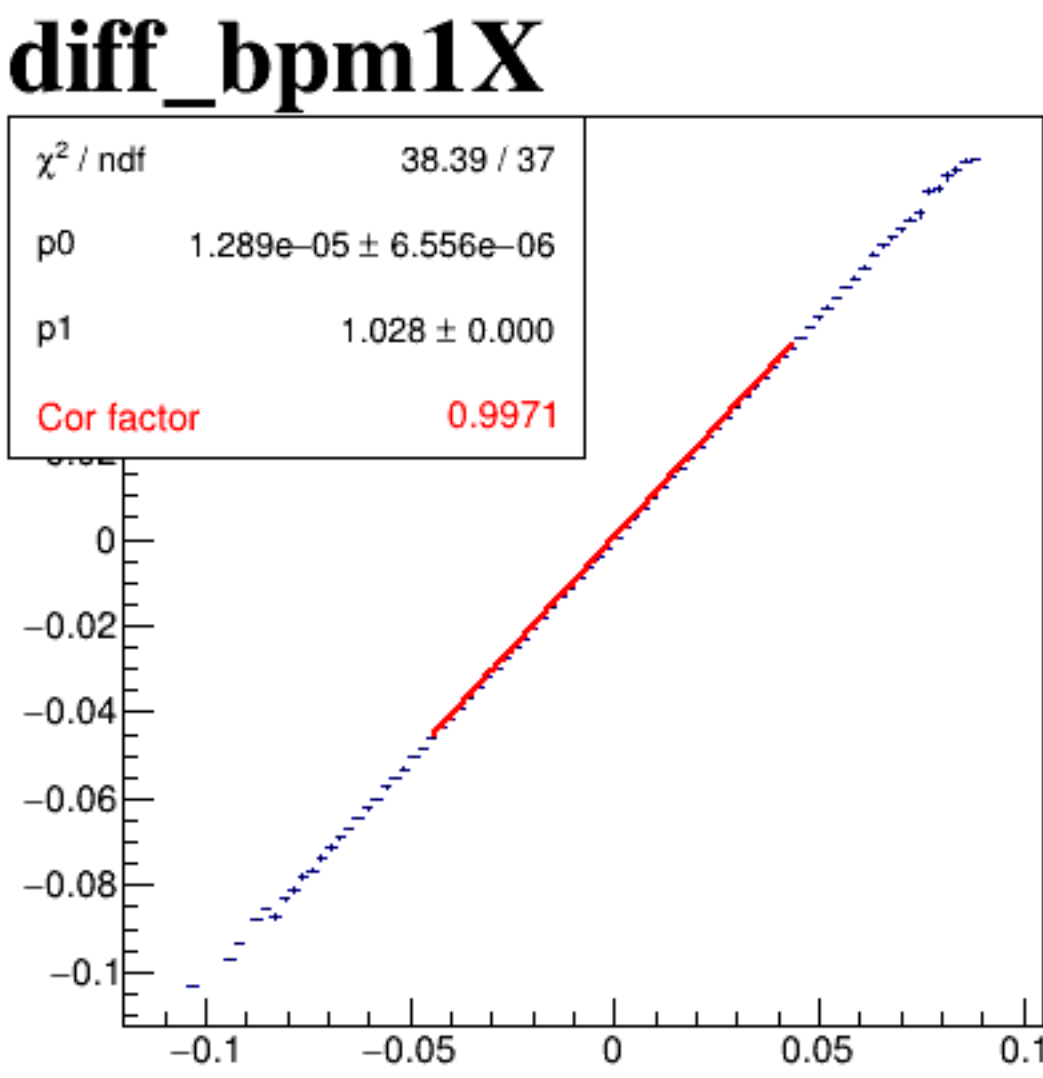
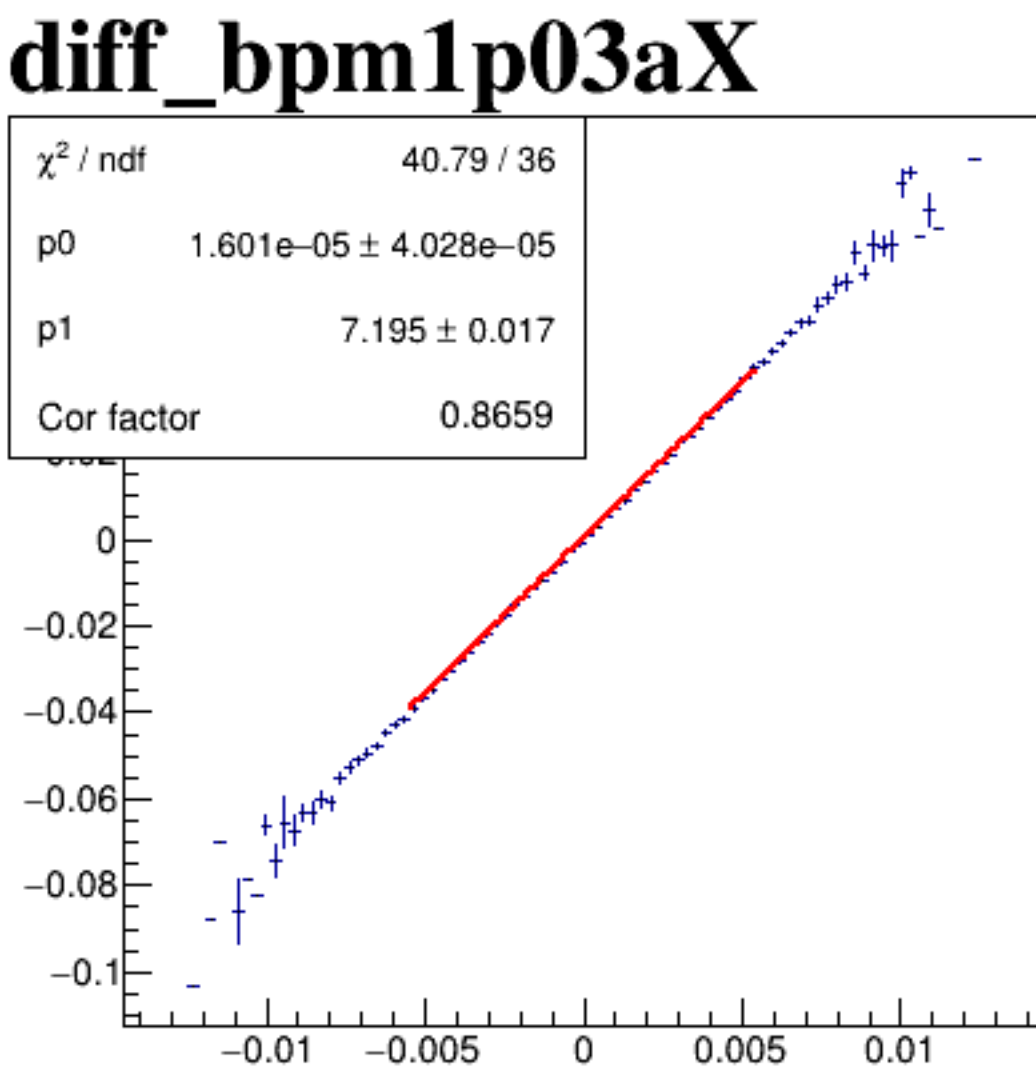
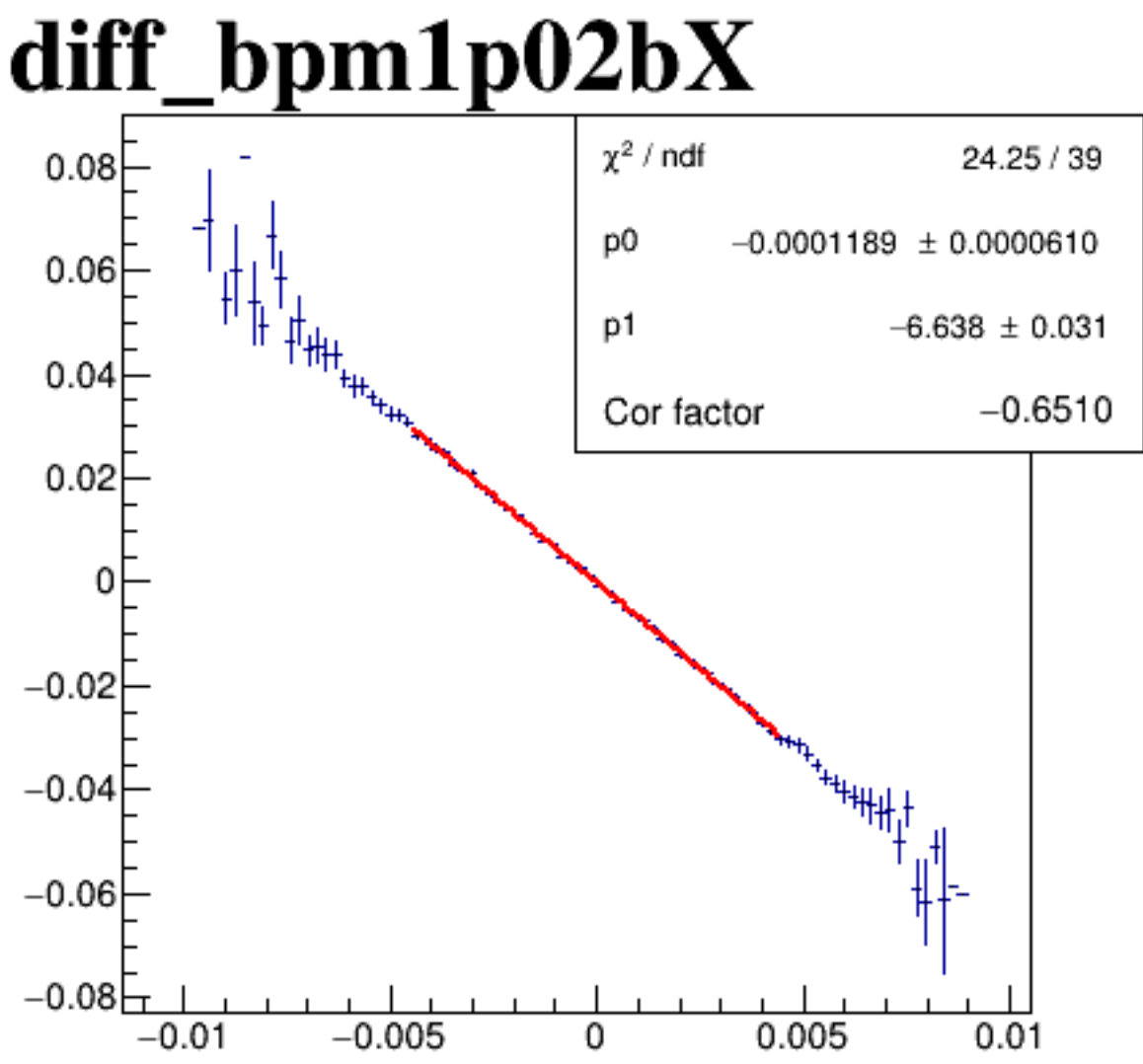
diff_bpm4aX



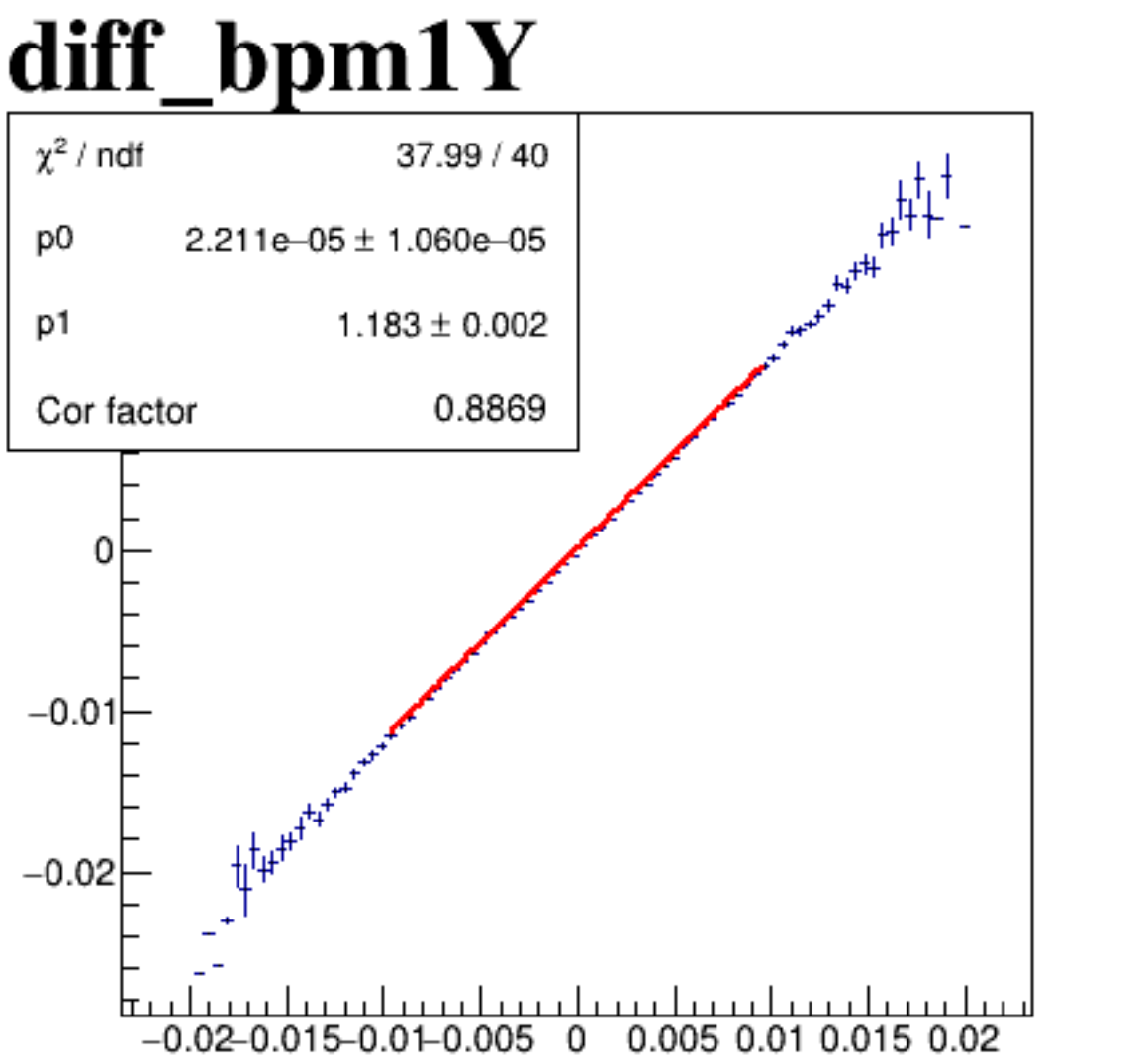
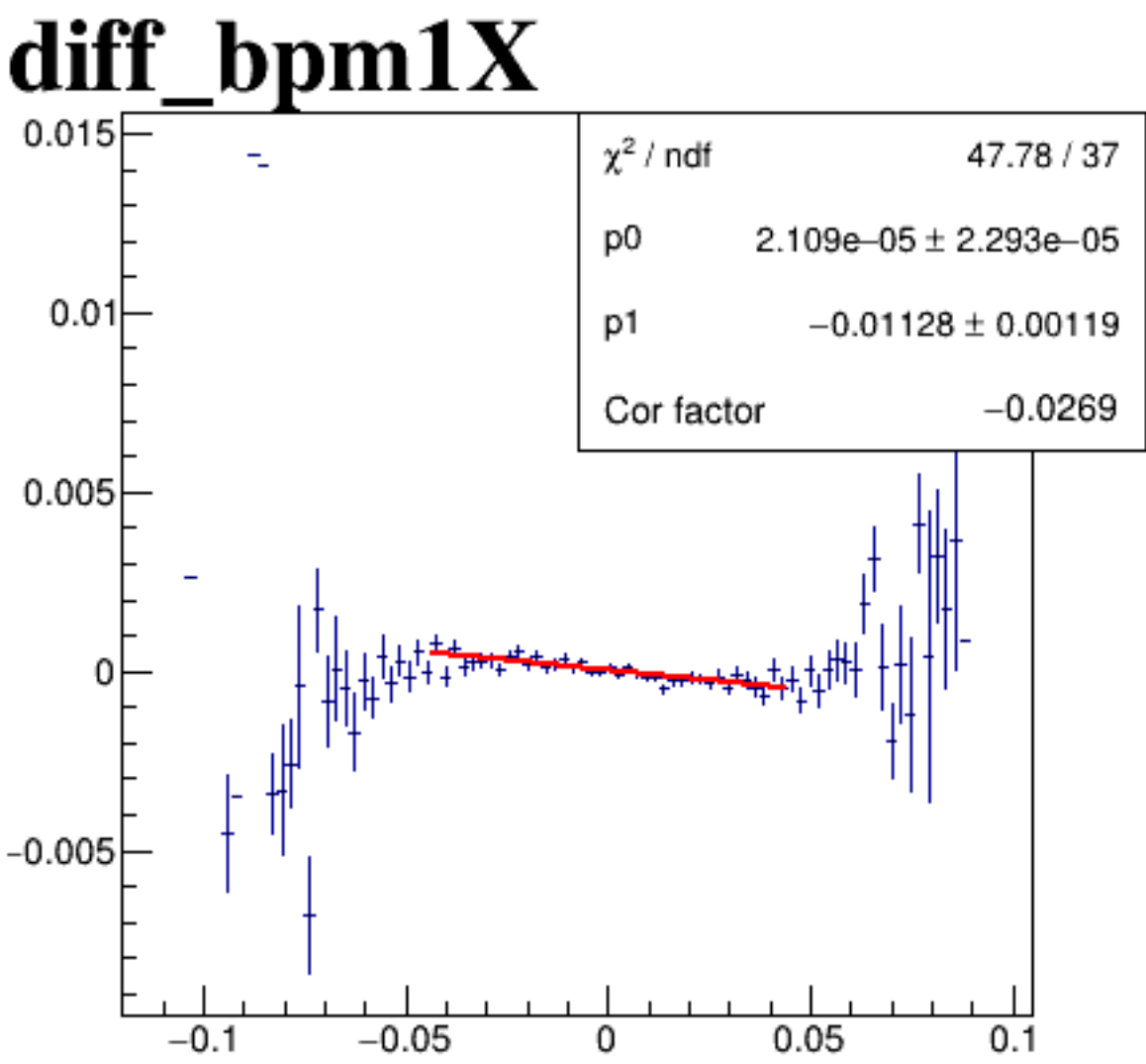
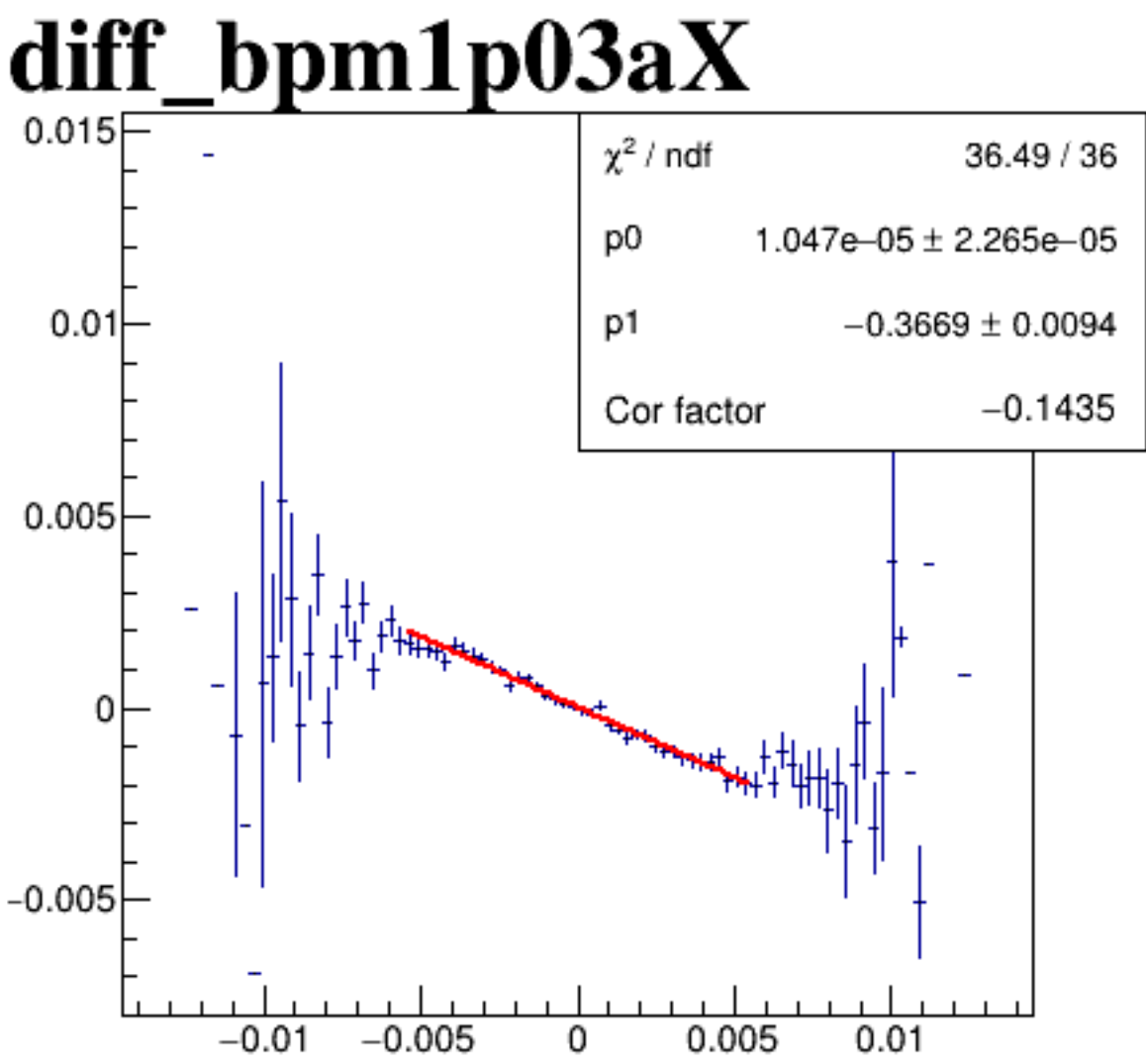
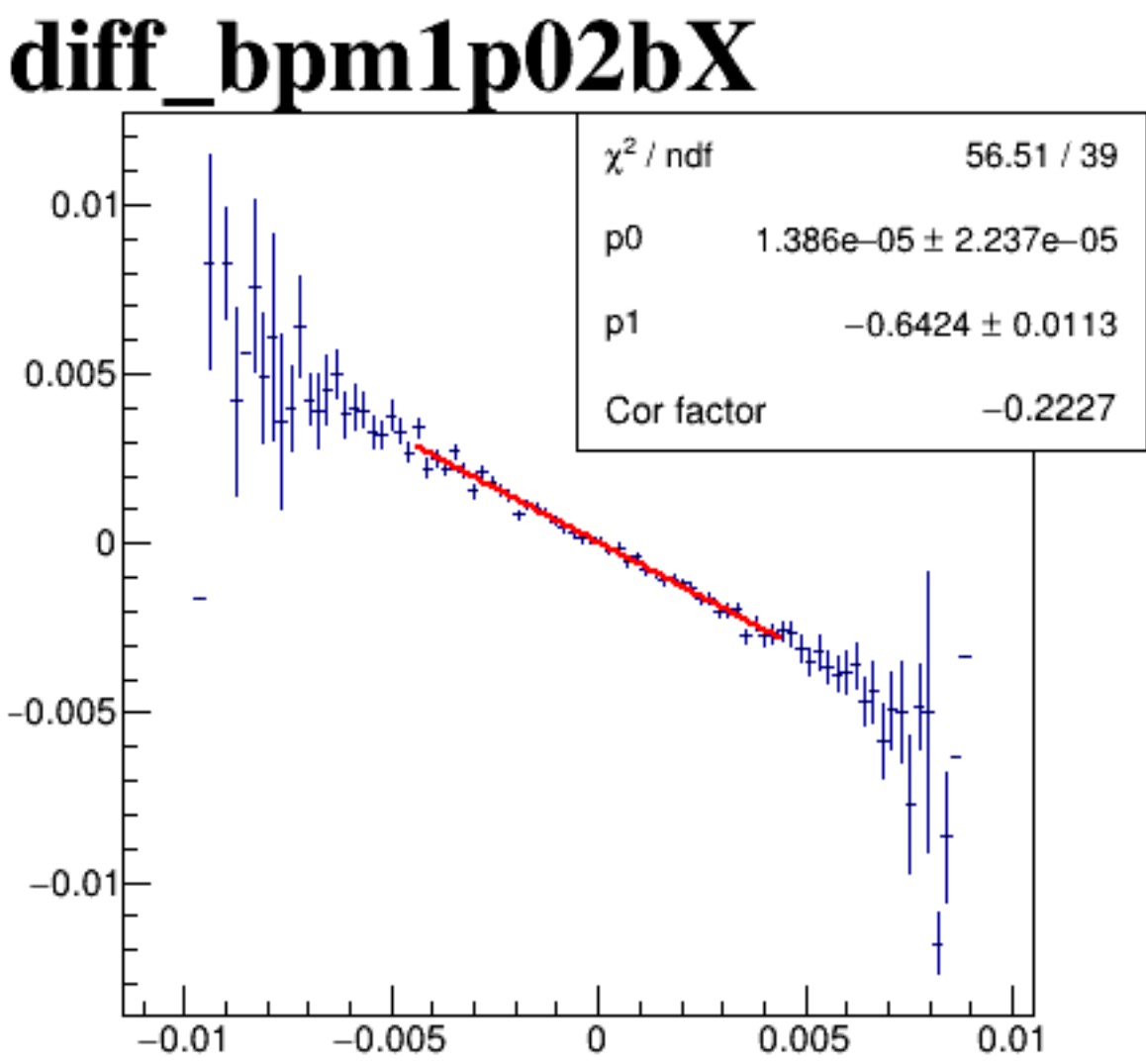
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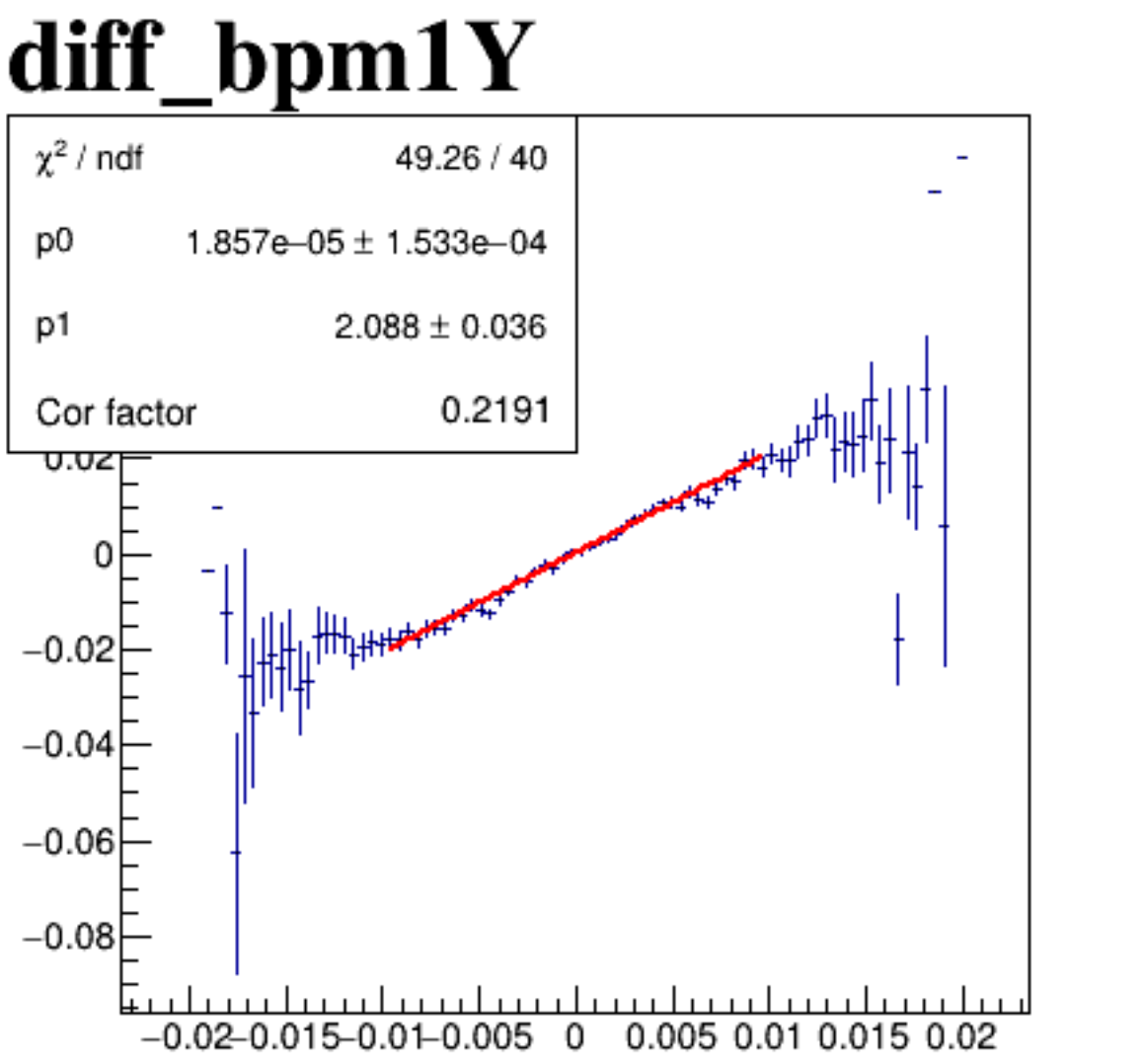
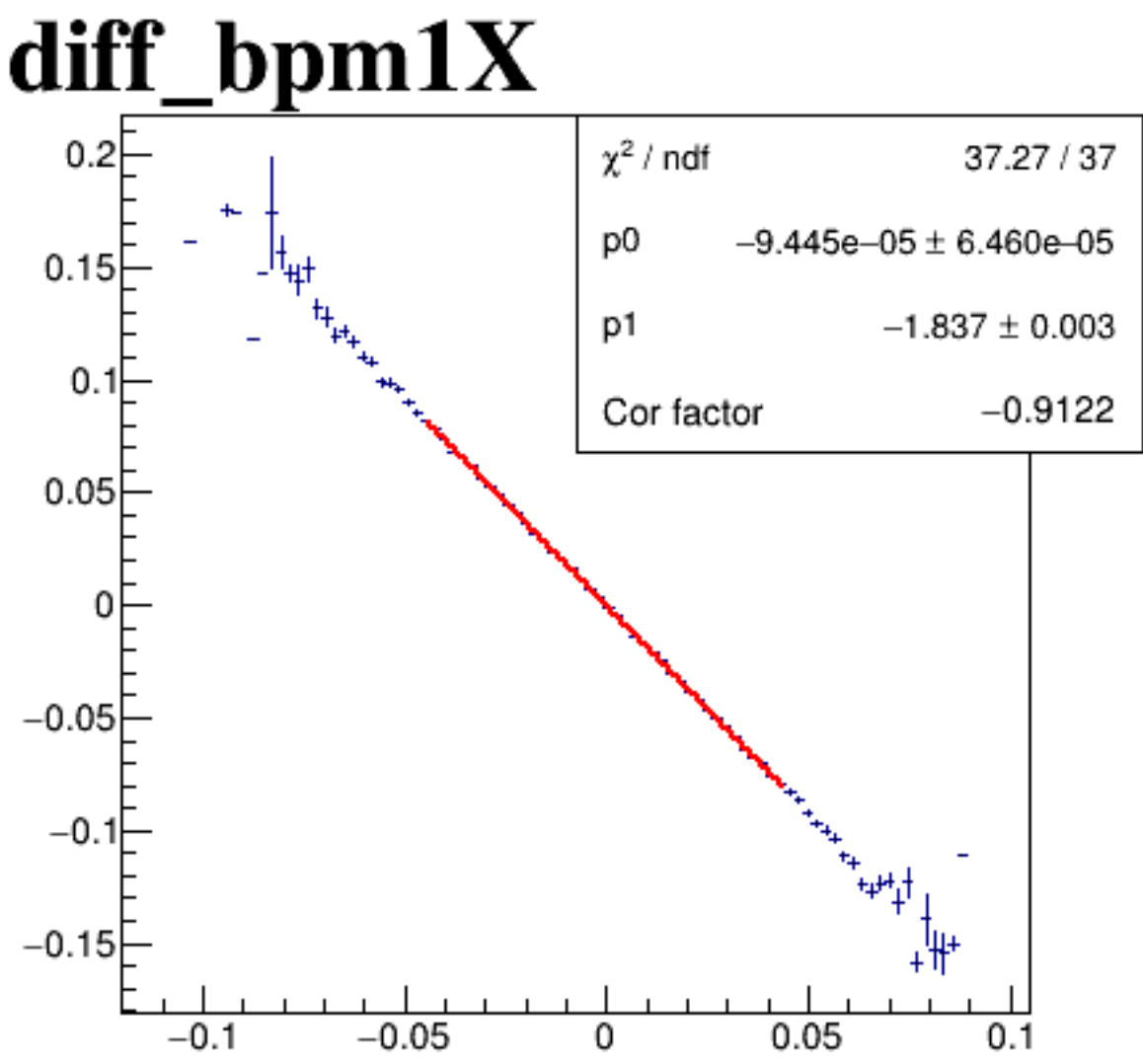
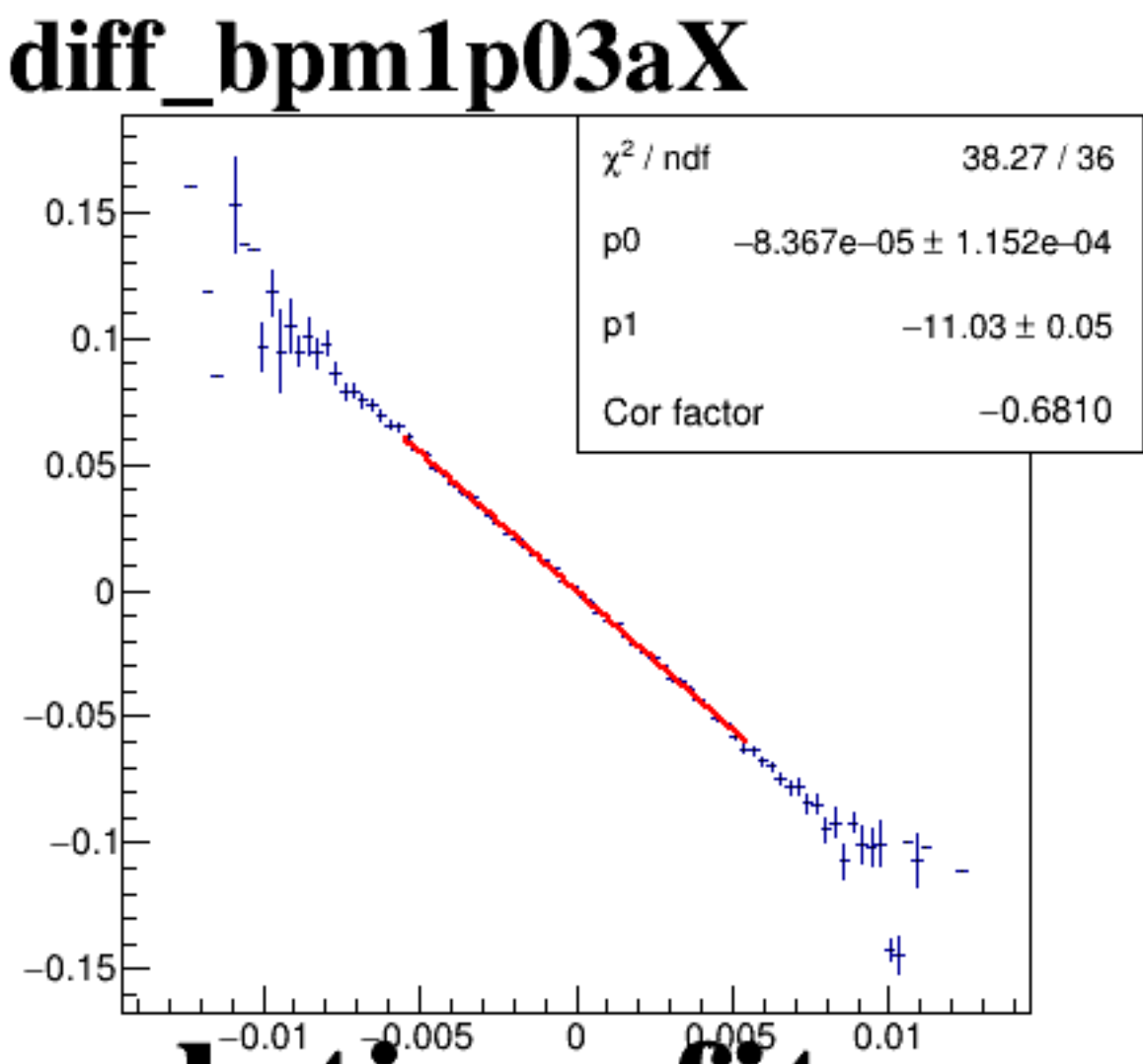
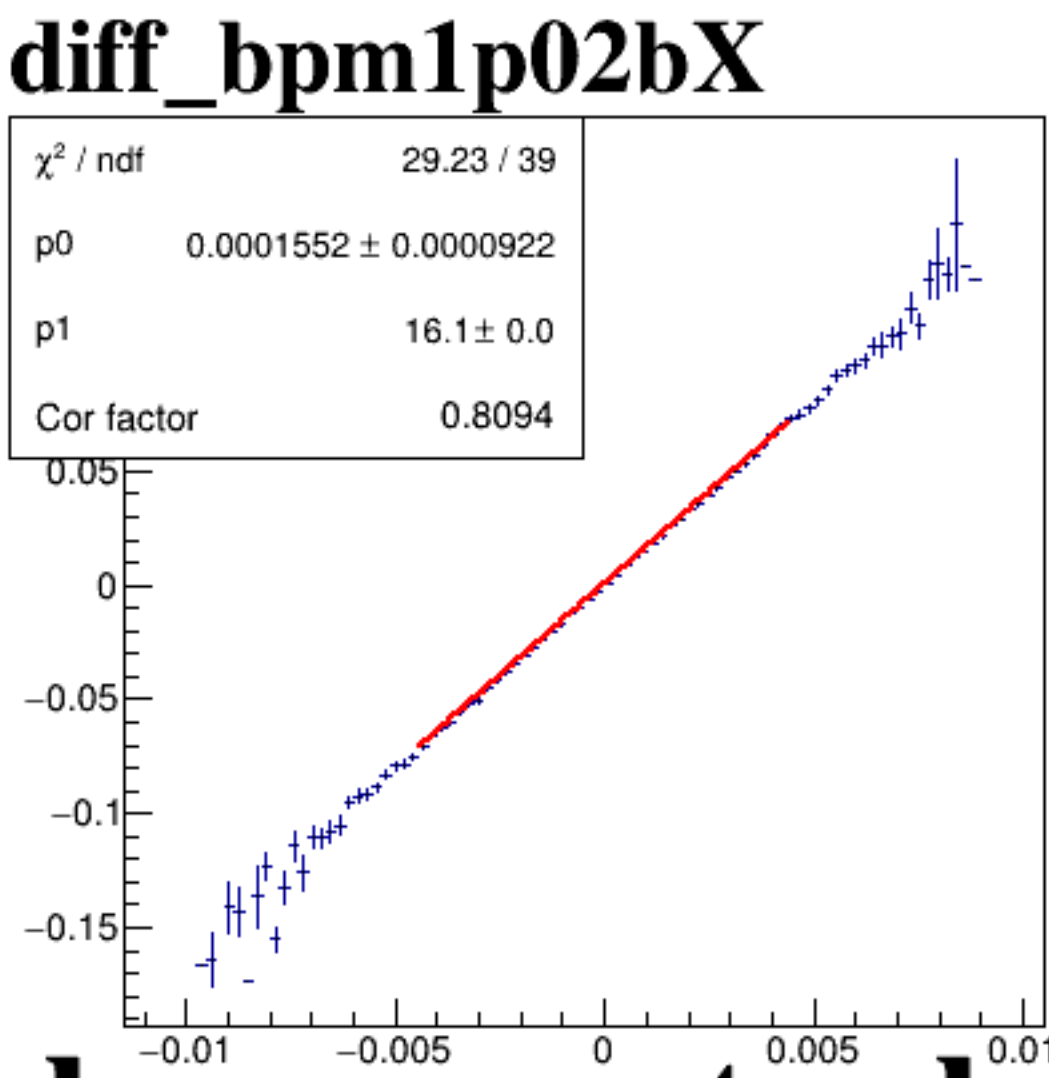
diff_bpm4eX



diff_bpm4eY

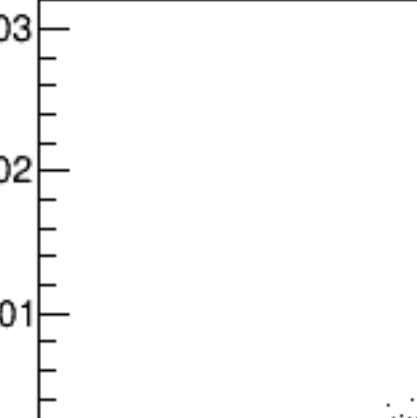


diff_bpm12X



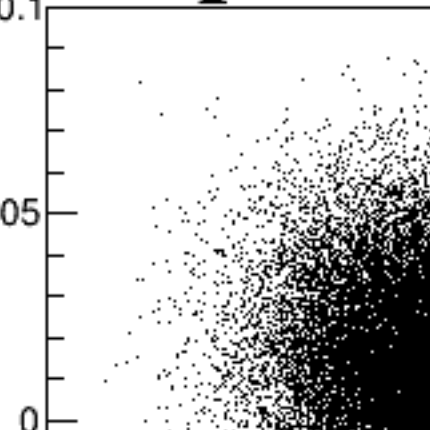
A scatter plot showing the relationship between diff_bpm1Y (x-axis) and diff_bpm1Y (y-axis). The x-axis ranges from -0.02 to 0.02, and the y-axis ranges from -0.1 to 0.1. The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation.

A scatter plot titled "diff_bpm1p02bX". The x-axis is labeled "diff_bpm1p02bX" and ranges from -0.01 to 0.01 with major ticks every 0.005. The y-axis ranges from -0.03 to 0.03 with major ticks every 0.01. The plot shows a dense, roughly circular cloud of black points centered at (0,0). The density of points is highest in the center and decreases towards the edges of the cloud.



A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The x-axis and y-axis both range from -0.02 to 0.02, with major tick marks every 0.005 units. The plot is filled with a dense cloud of points, forming a diagonal band from the bottom-left to the top-right, indicating a strong positive correlation. The density of points is highest along the diagonal and decreases as they move away from it.

A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The x-axis and y-axis both range from -0.1 to 0.1, with major tick marks at -0.1, -0.05, 0, 0.05, and 0.1. The data points are tightly clustered along a diagonal line from the bottom-left to the top-right, indicating a very strong positive linear correlation.

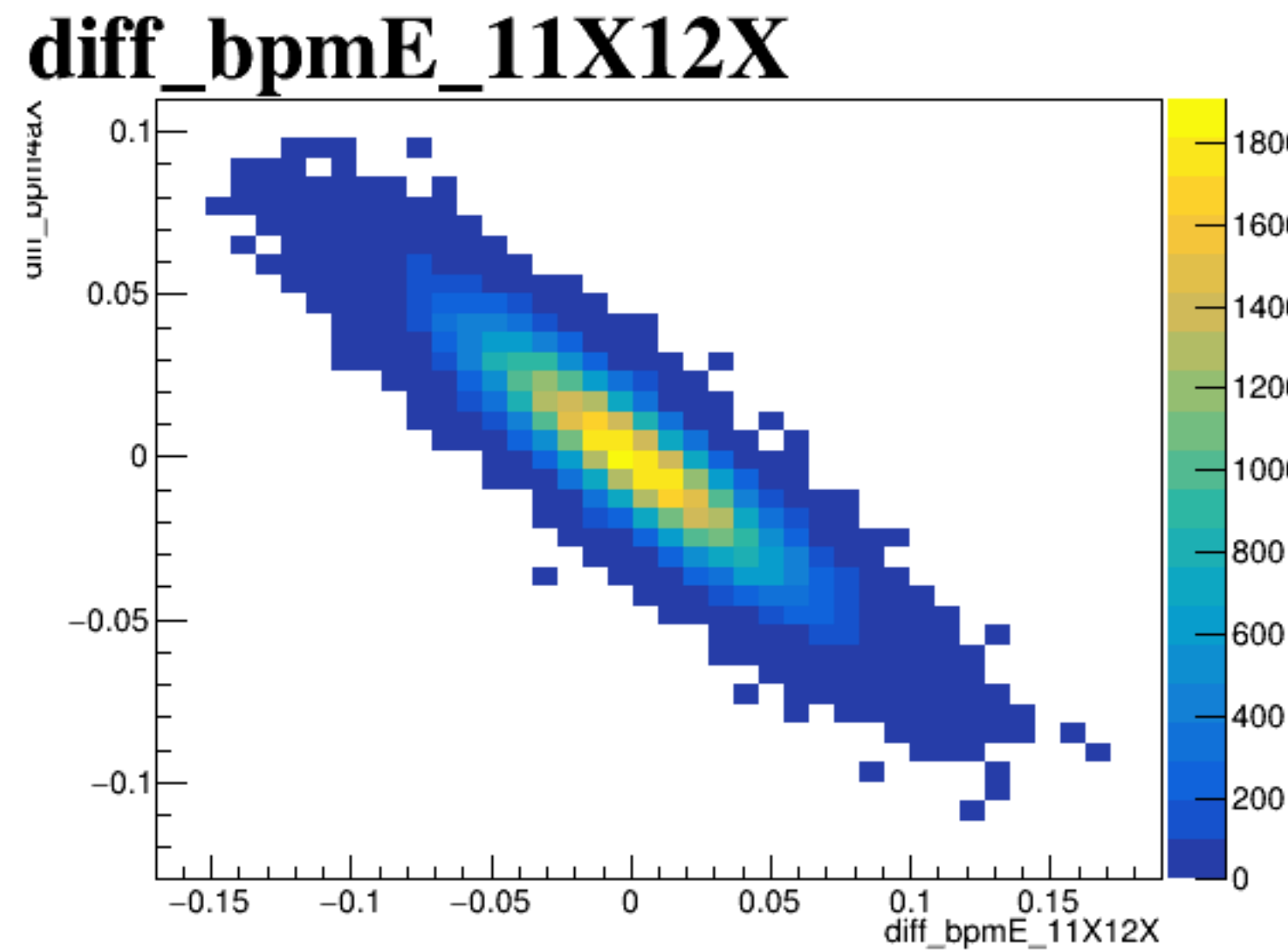
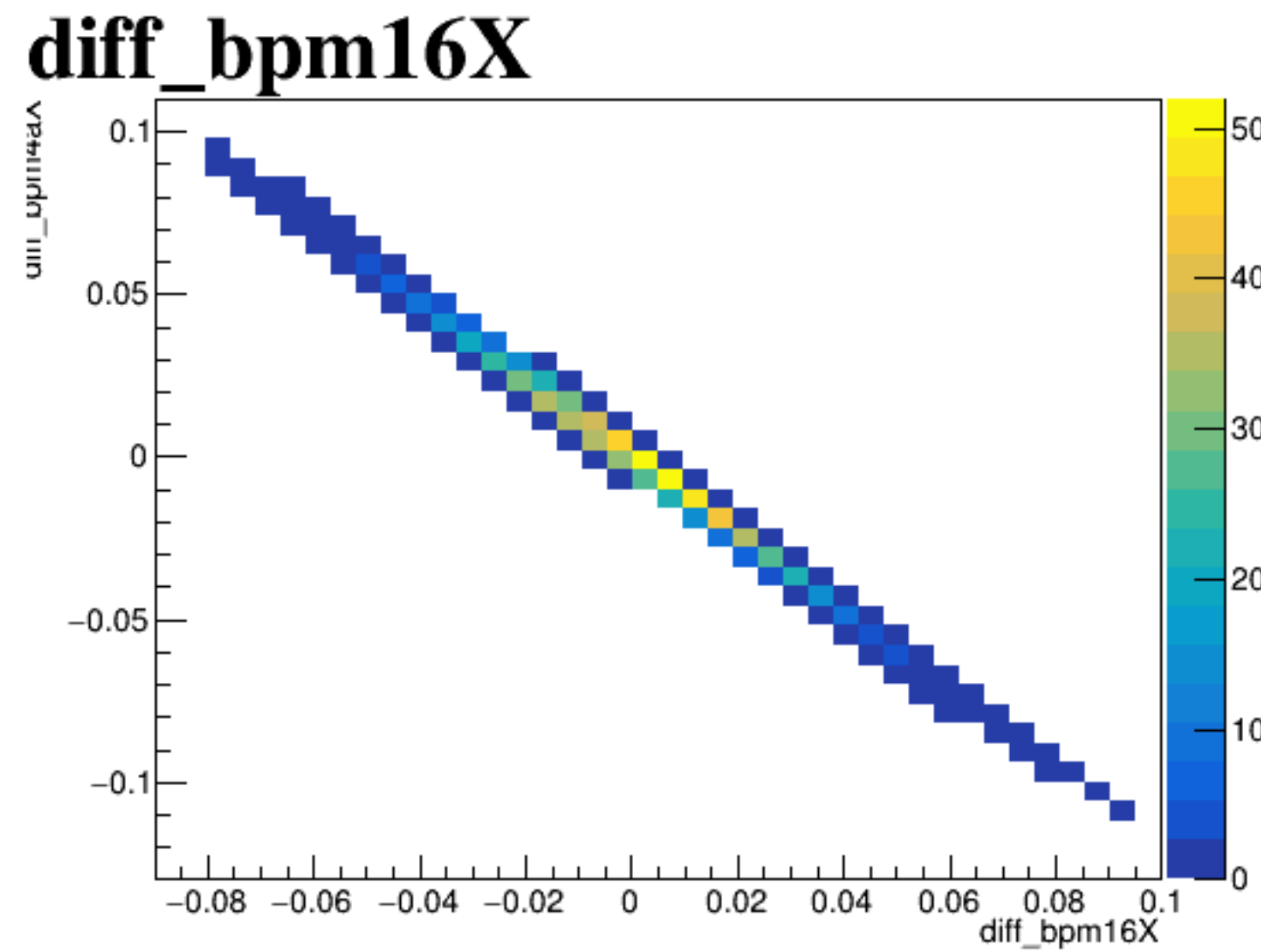
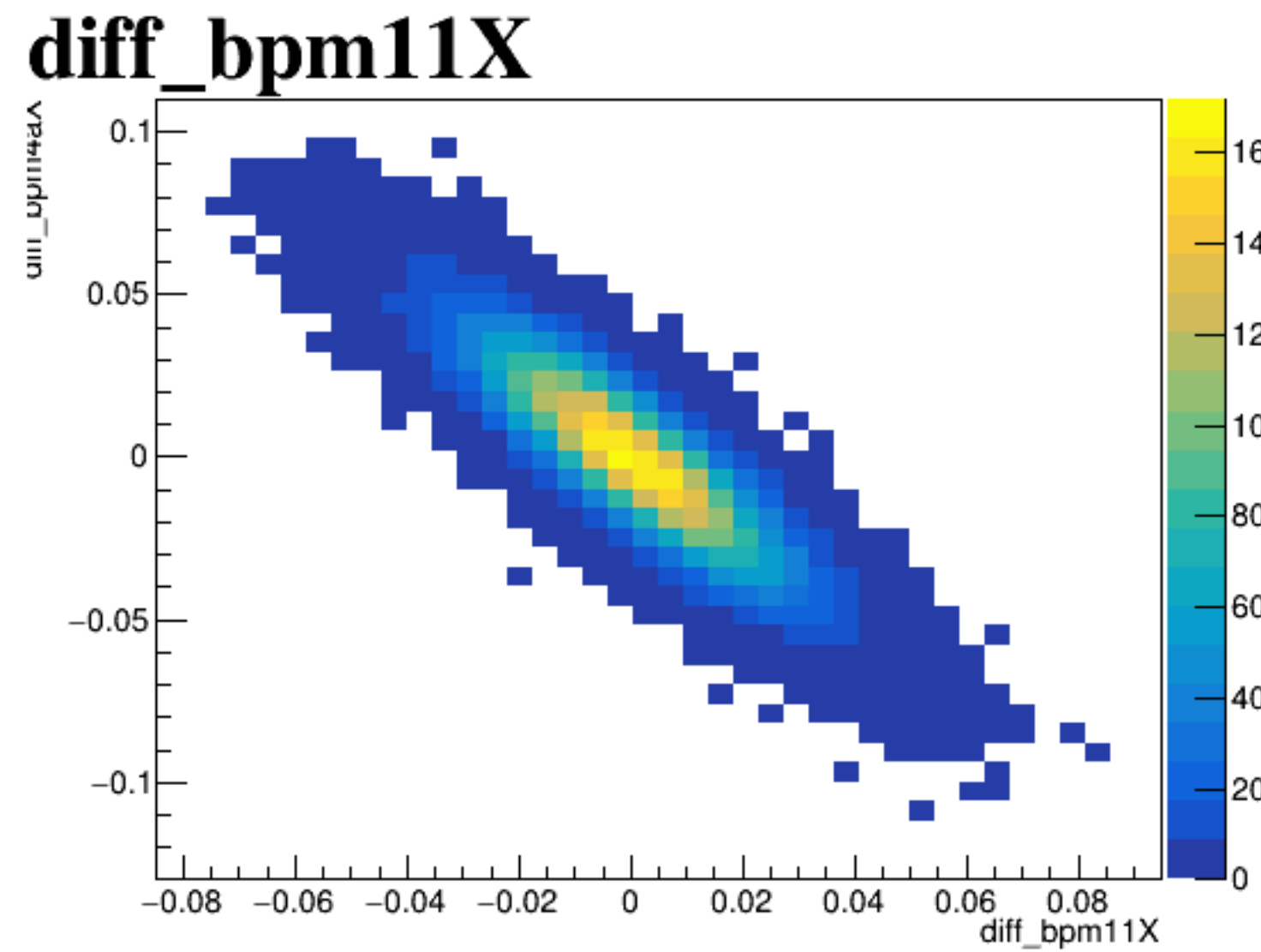


A scatter plot showing the relationship between diff_bpm1Y (x-axis) and diff_bpm1Y (y-axis). The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation. The axes range from approximately -0.02 to 0.02 on the x-axis and -0.1 to 0.1 on the y-axis.

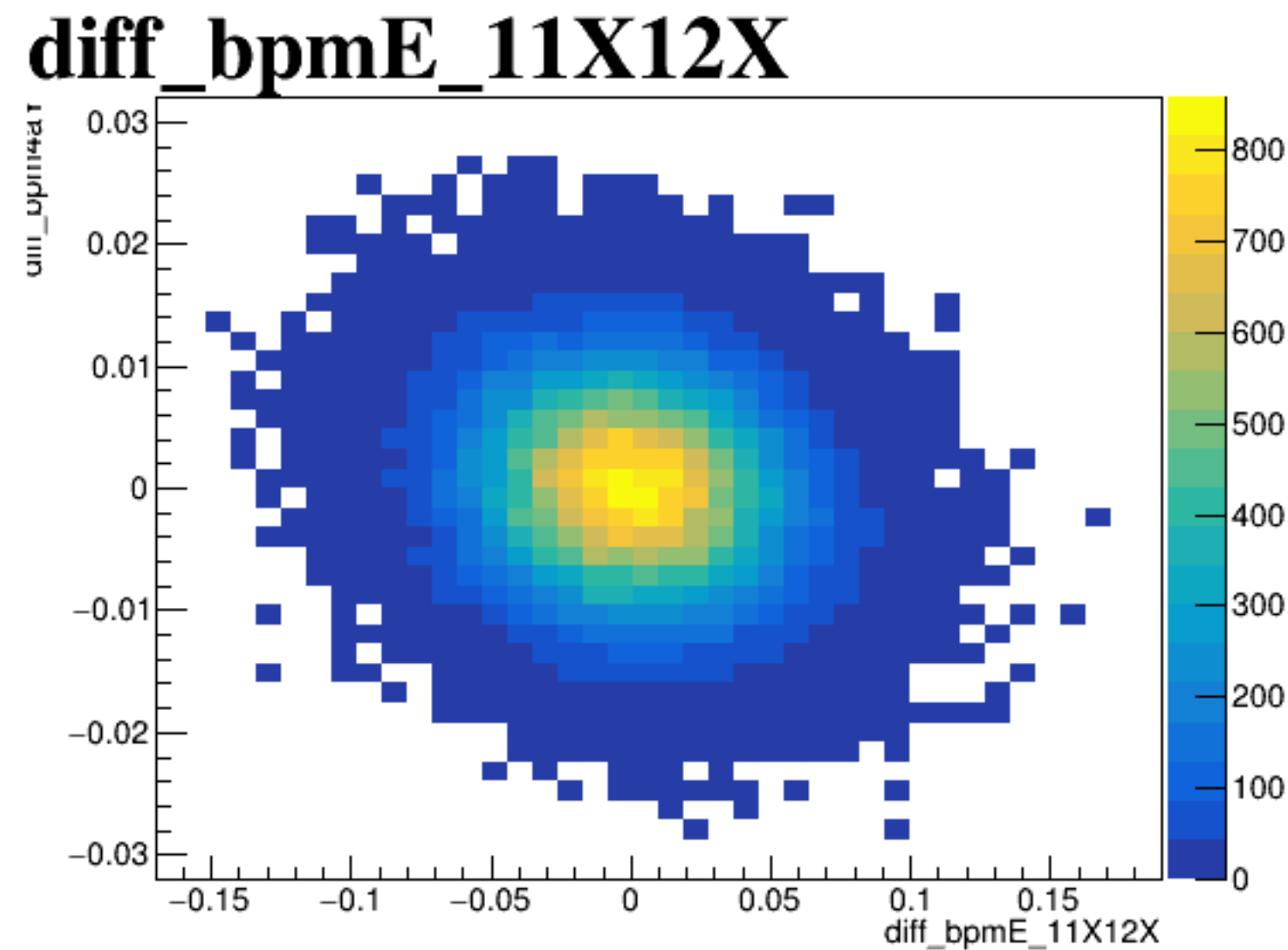
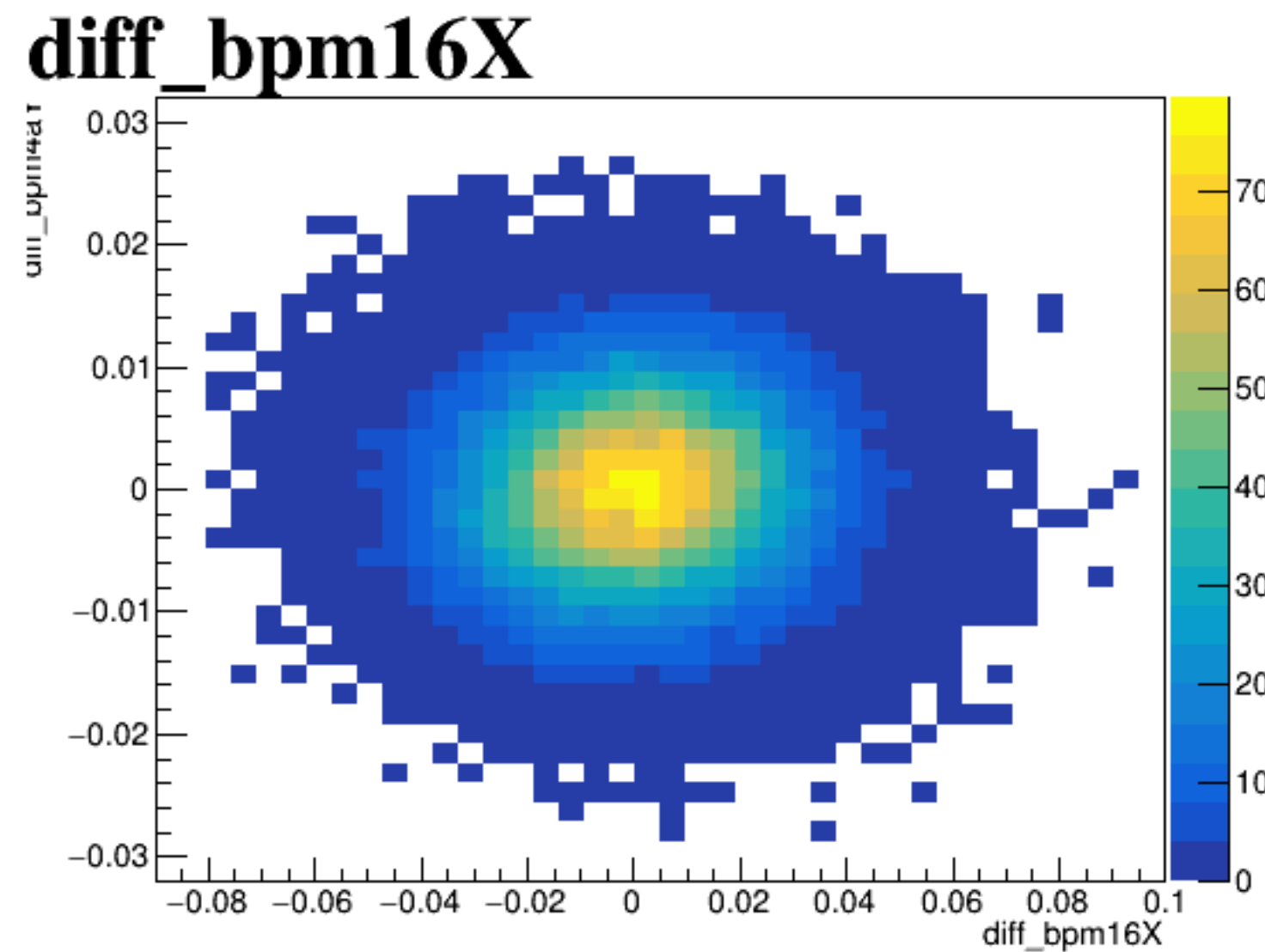
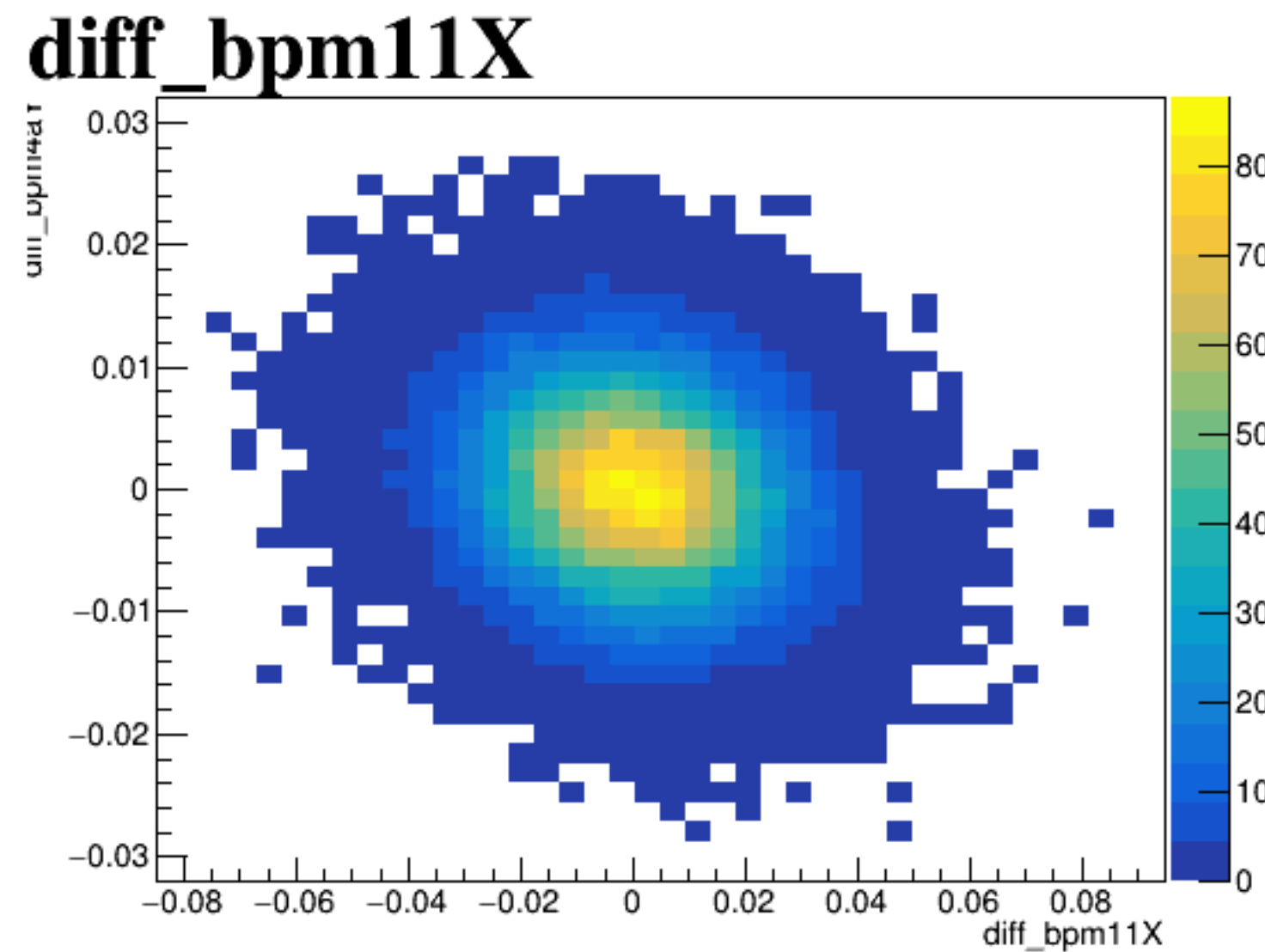
A scatter plot titled "diff_bpm1X" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1X" and ranges from -0.1 to 0.1. The y-axis ranges from -0.03 to 0.03.

A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The plot displays a dense, elongated cloud of points along a diagonal line from the top-left to the bottom-right, indicating a strong positive correlation. The axes range from -0.1 to 0.1, with major ticks every 0.05 units. The plot is titled 'diff_bpm1X' at the top left and 'diff_bpm1X' at the bottom right.

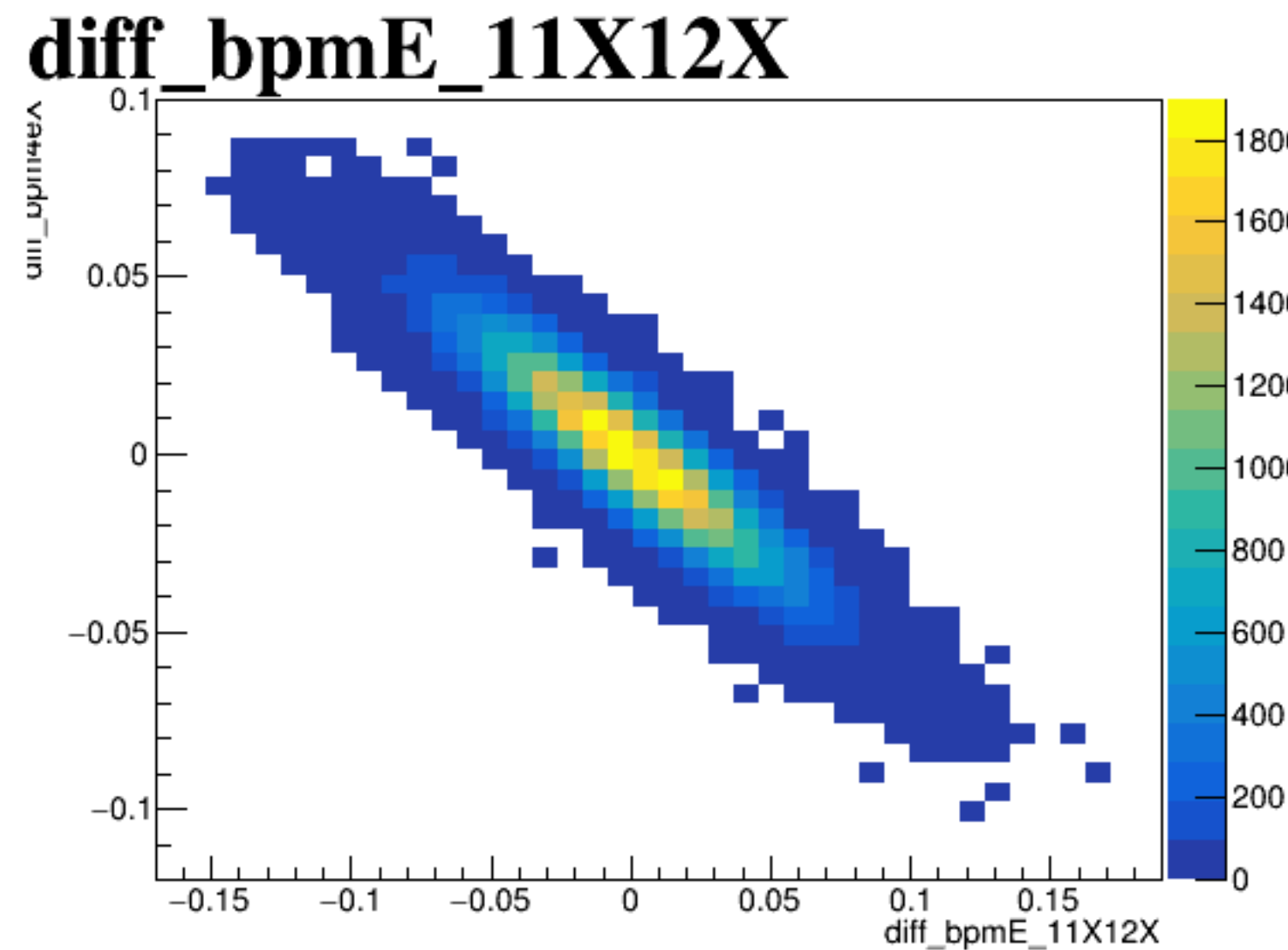
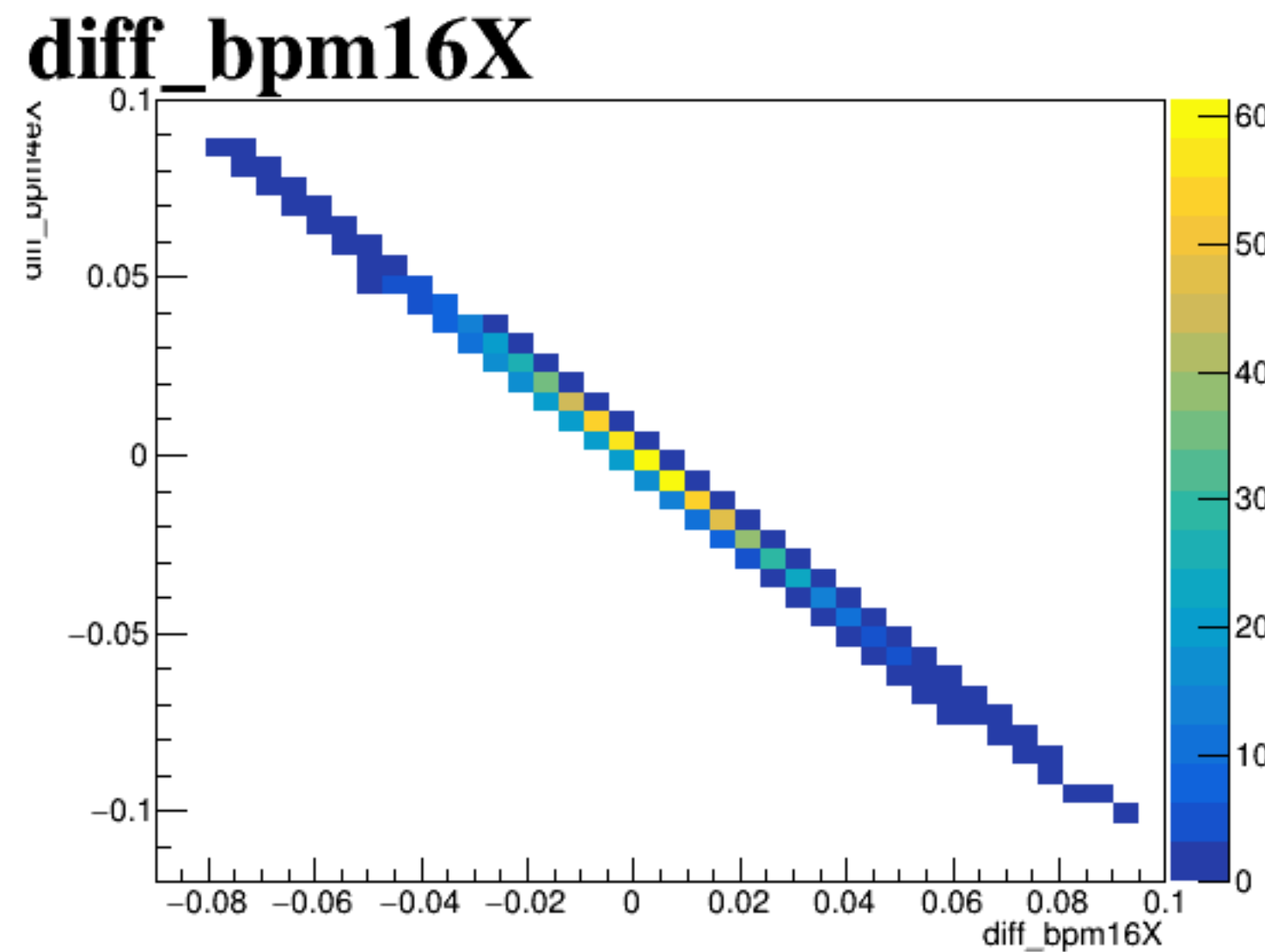
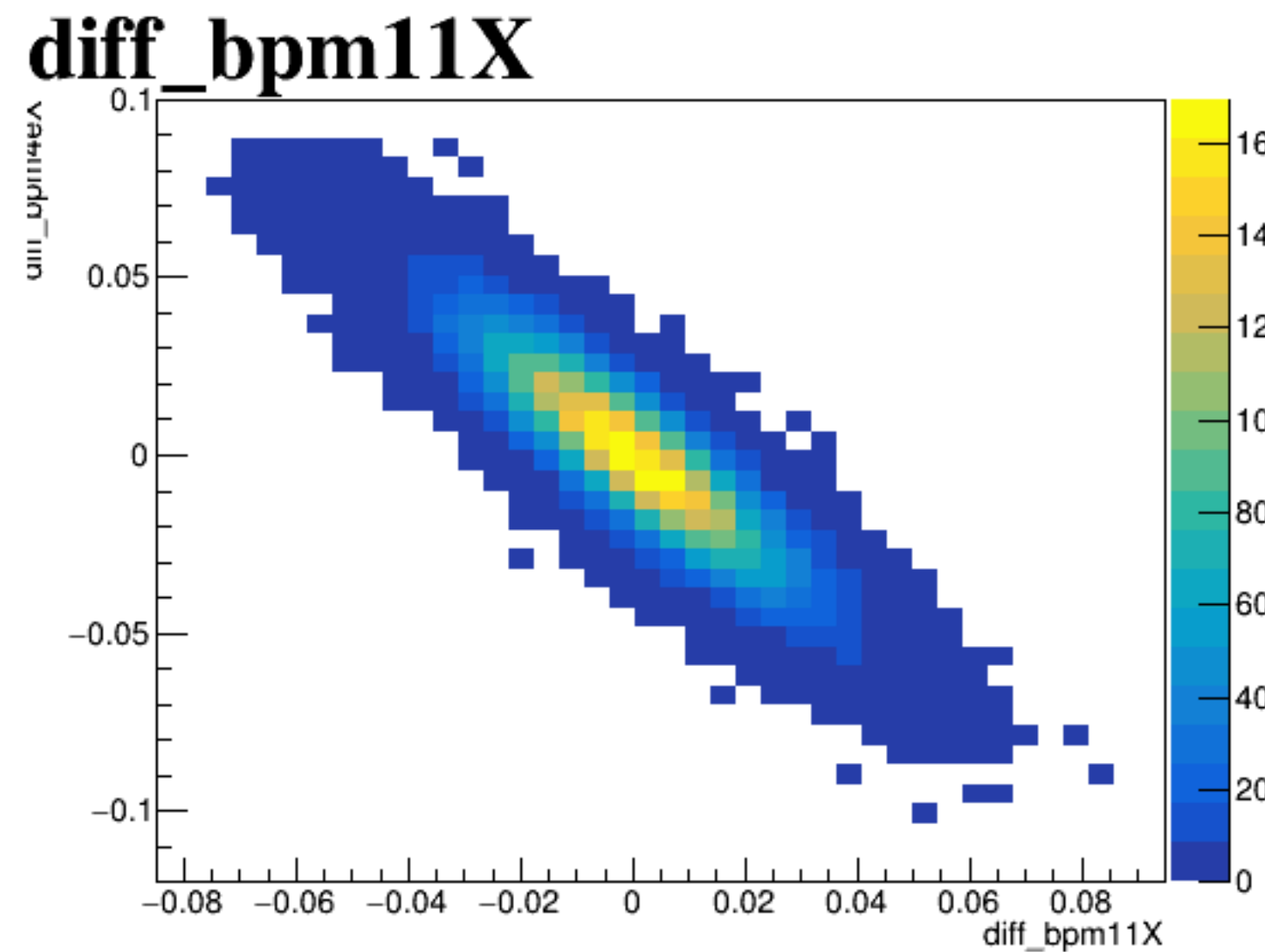
diff_bpm4aX



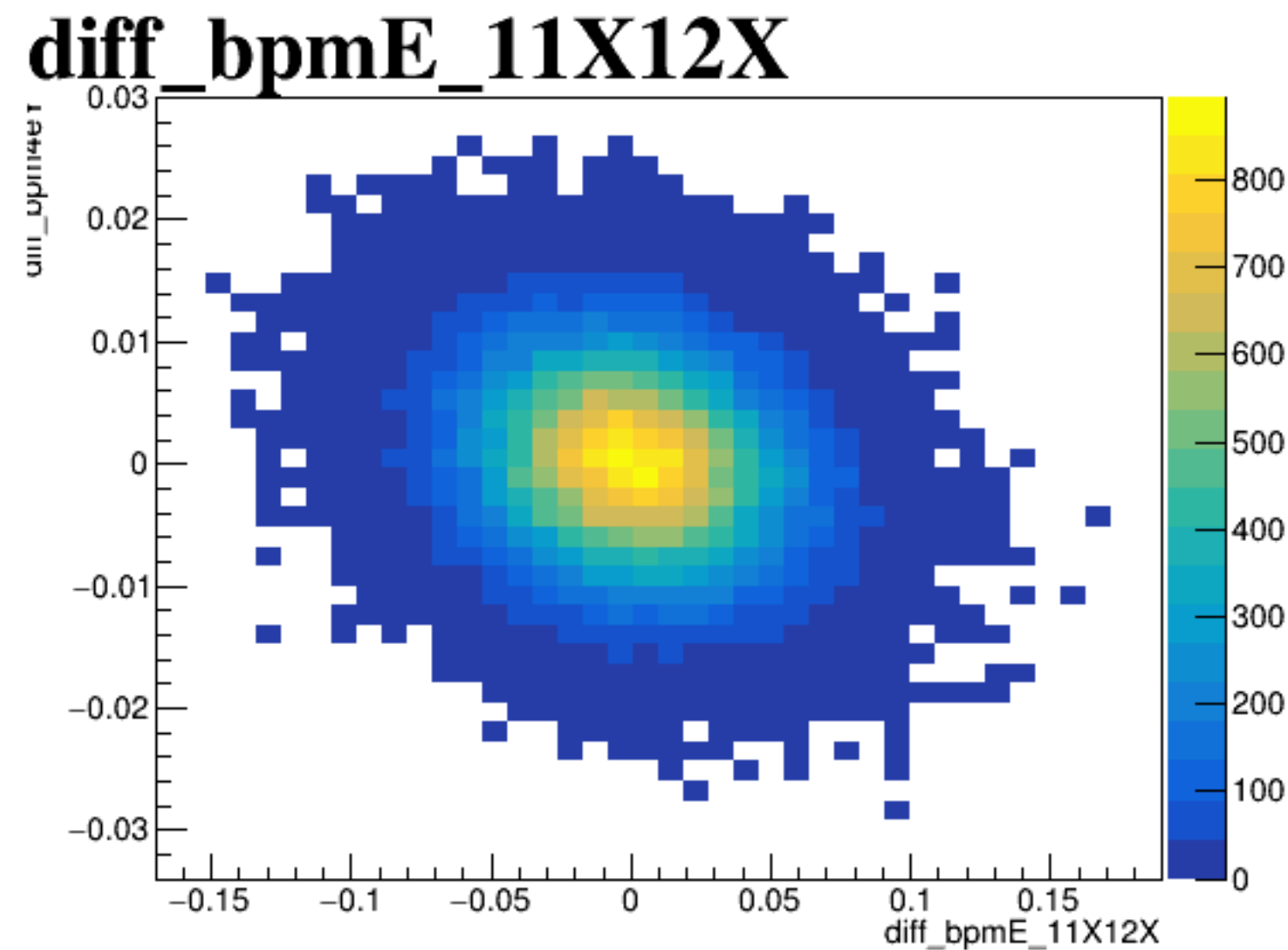
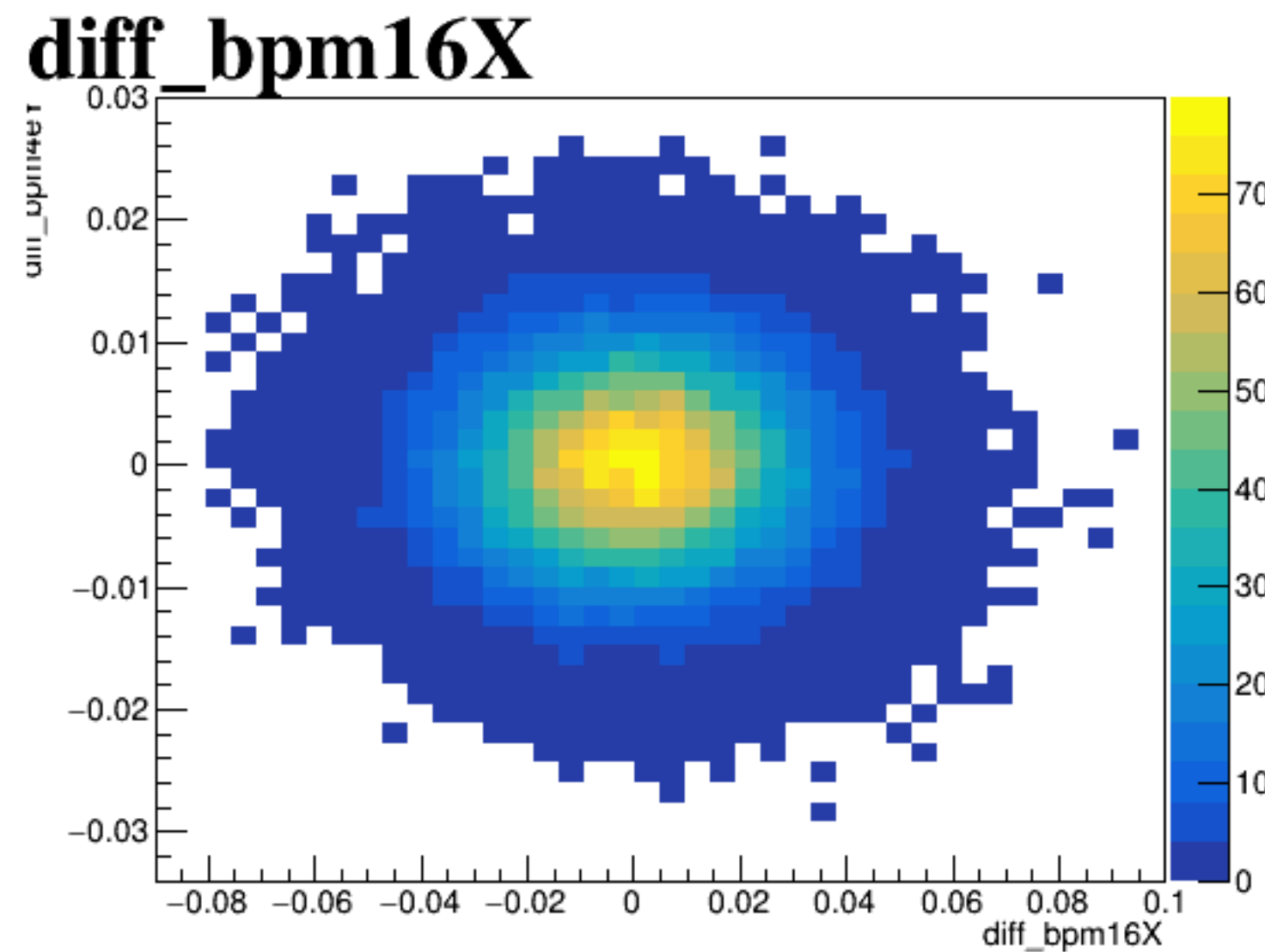
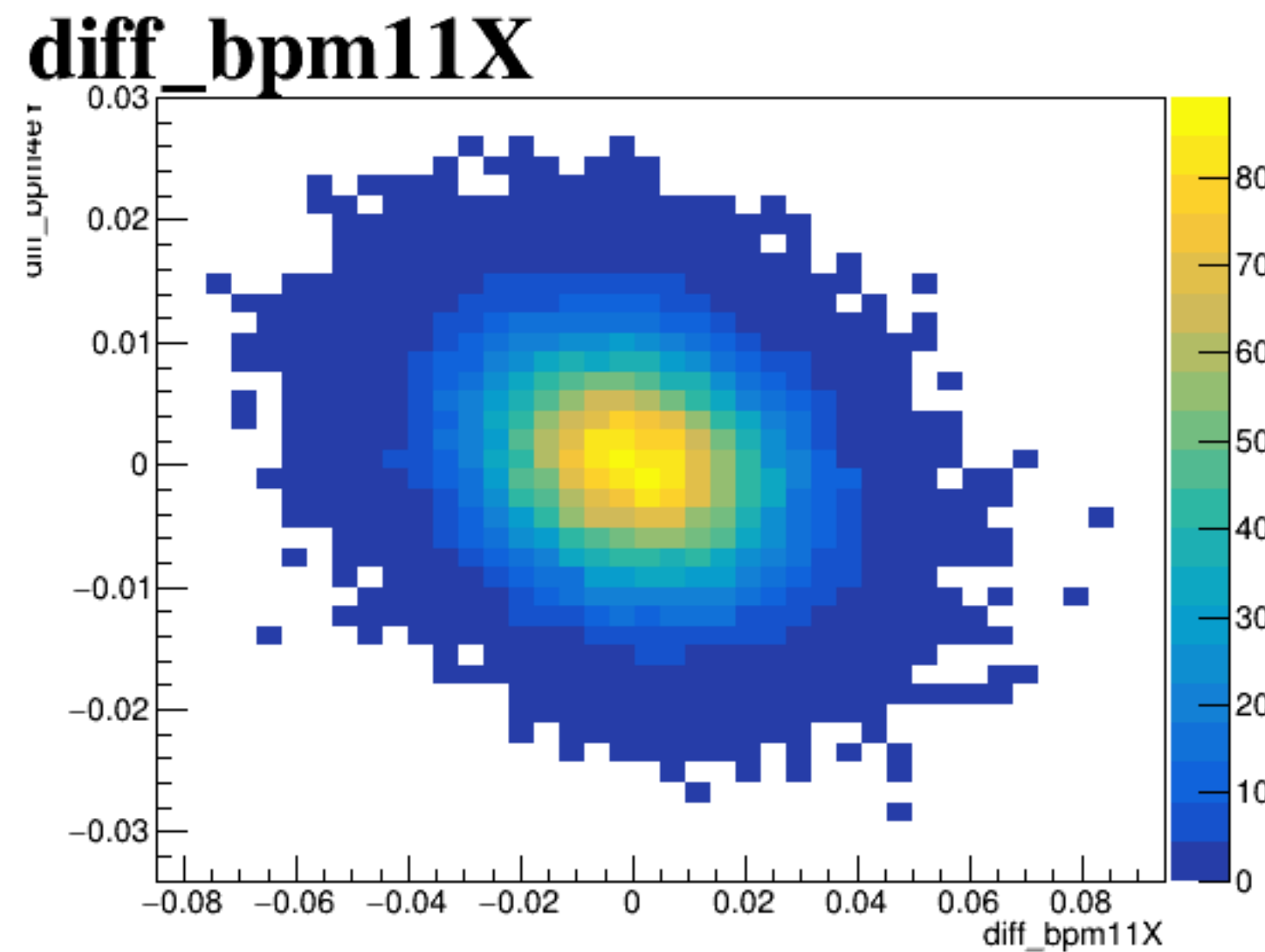
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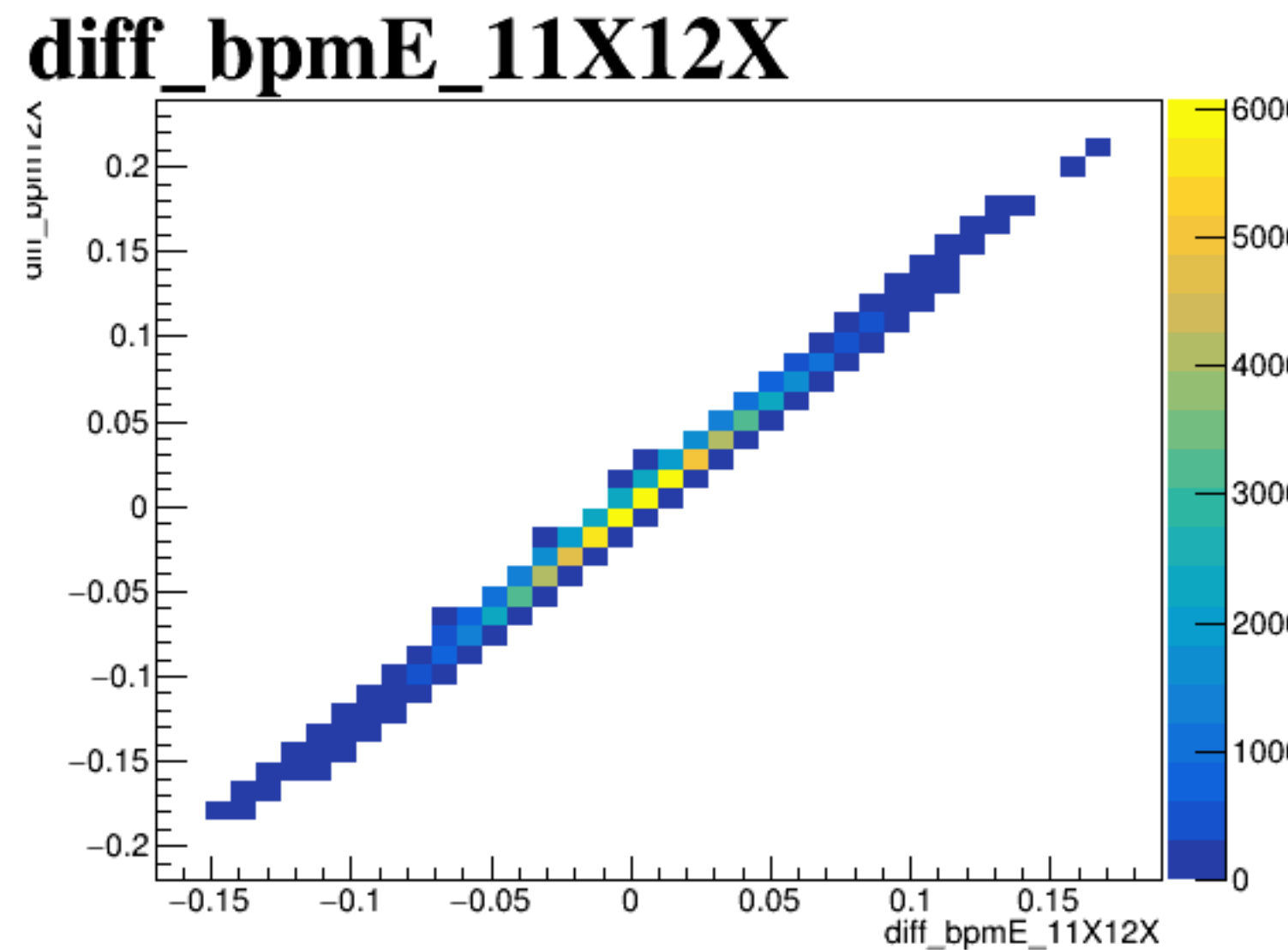
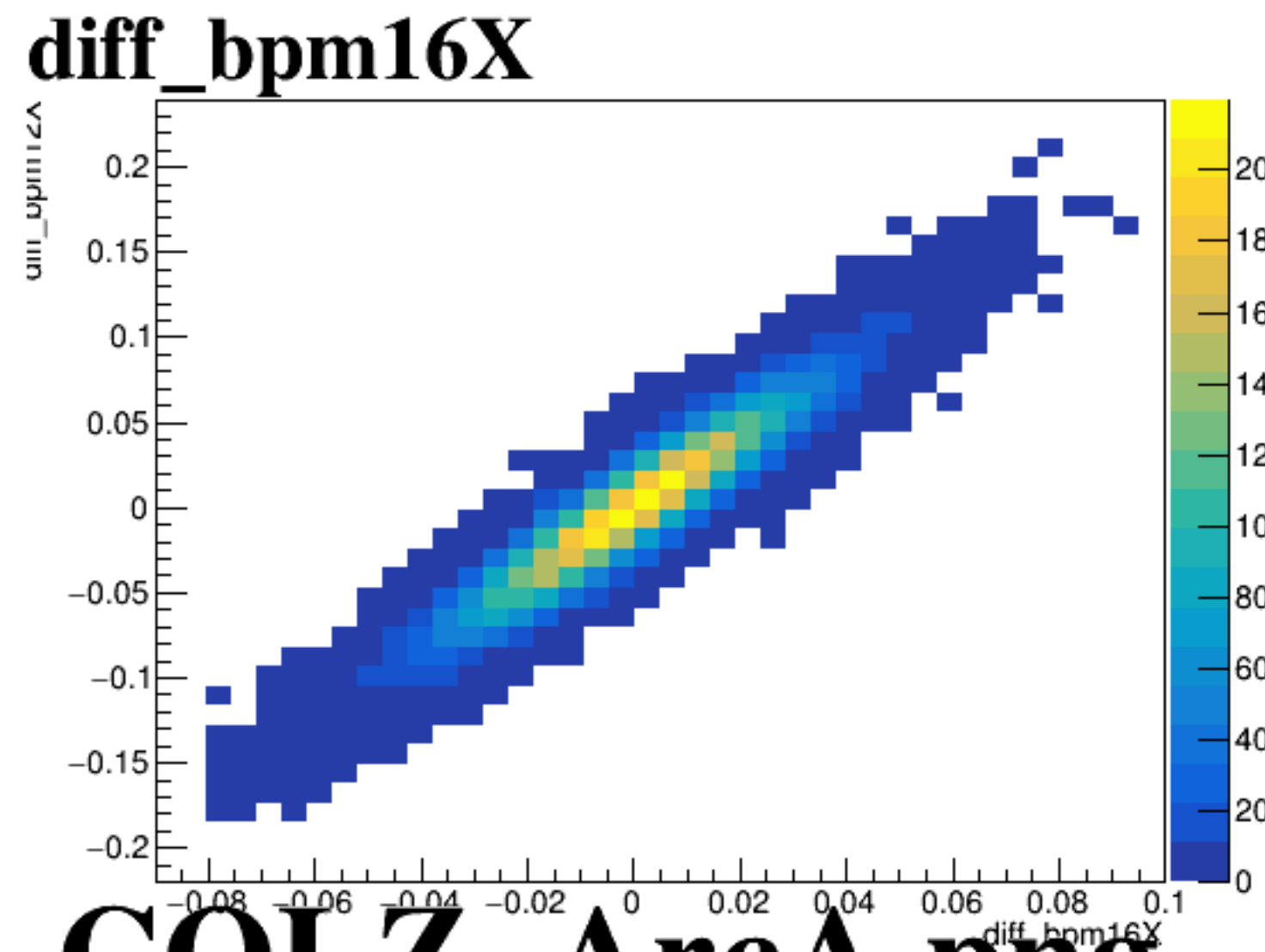
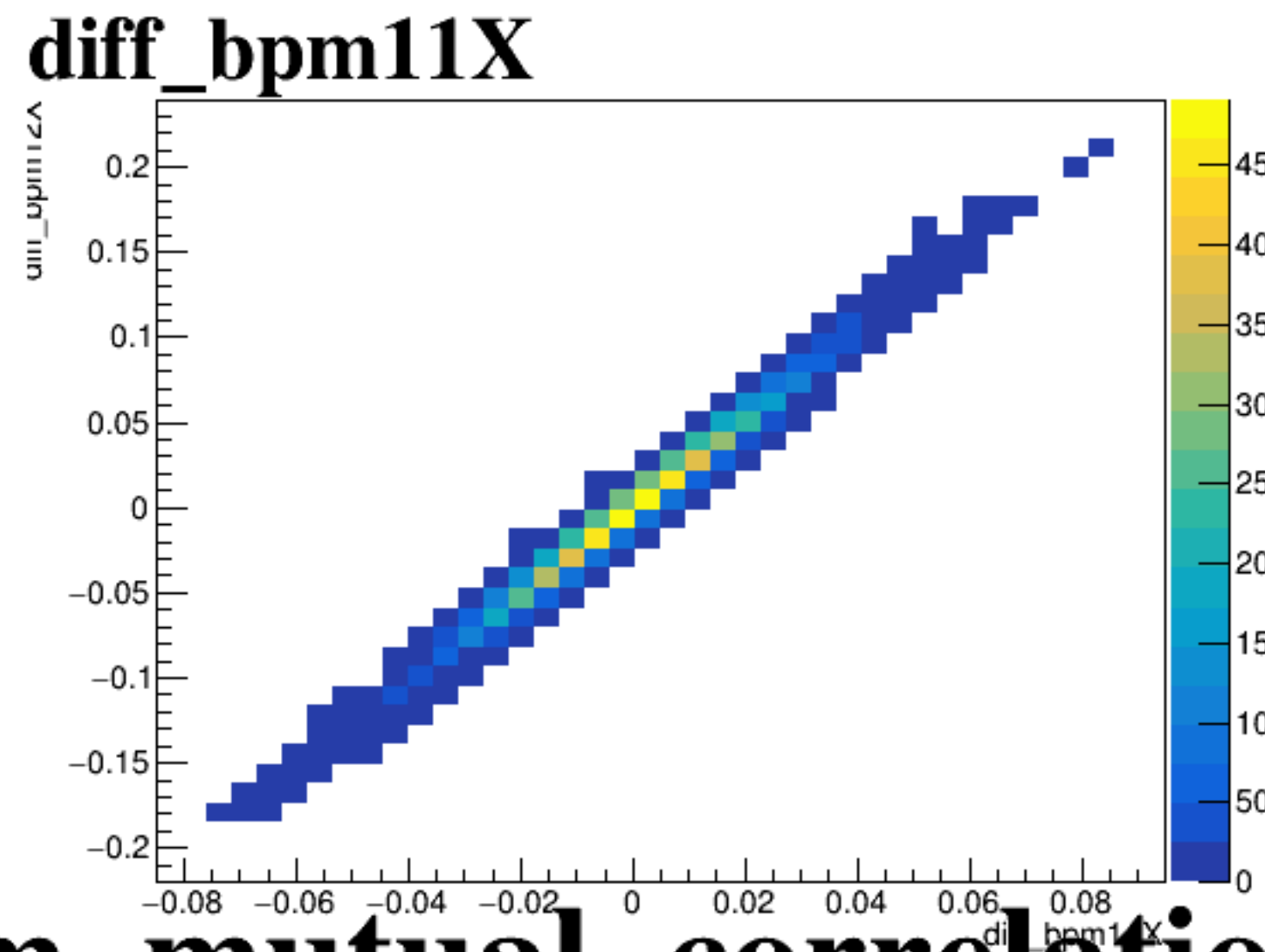
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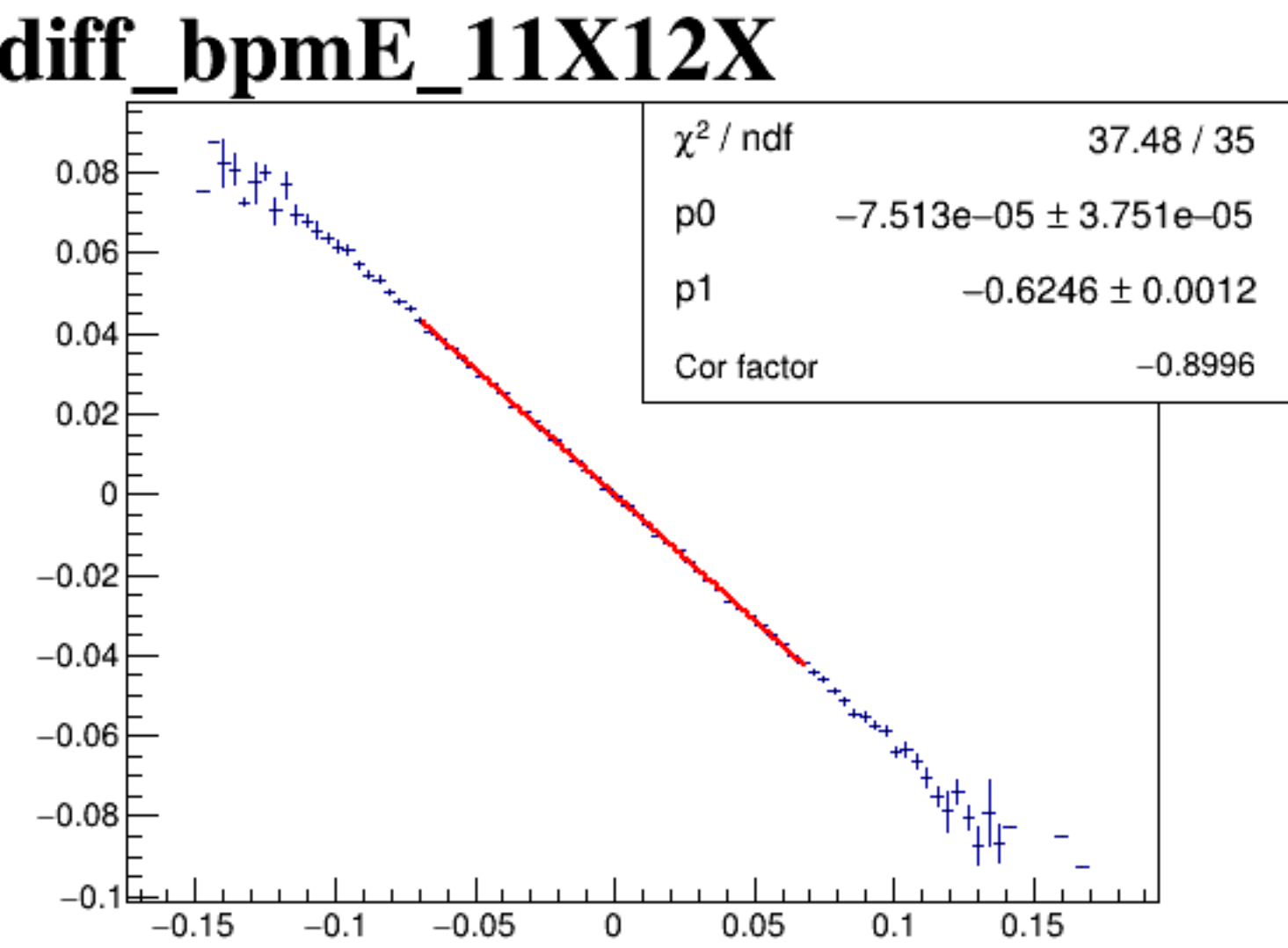
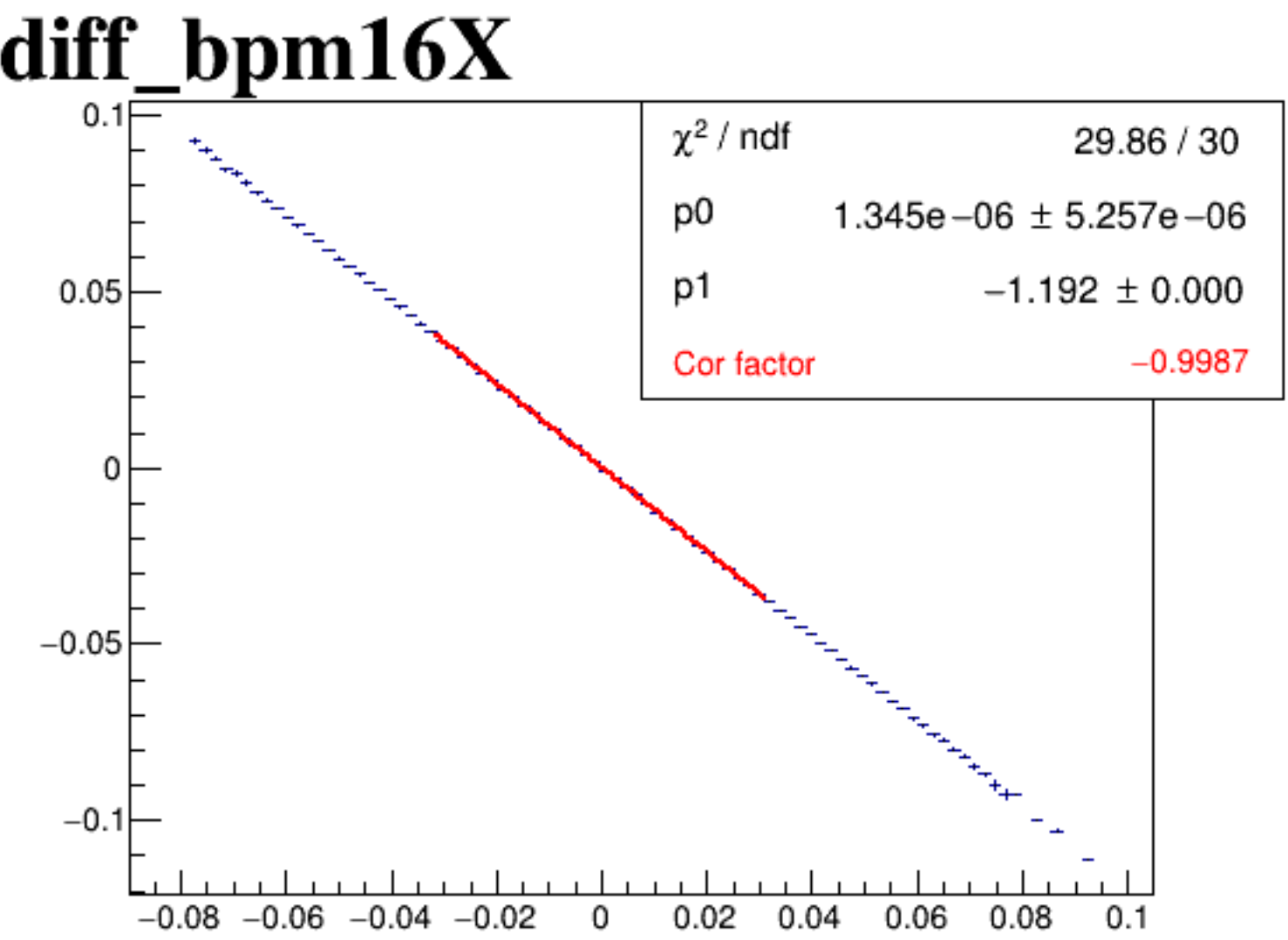
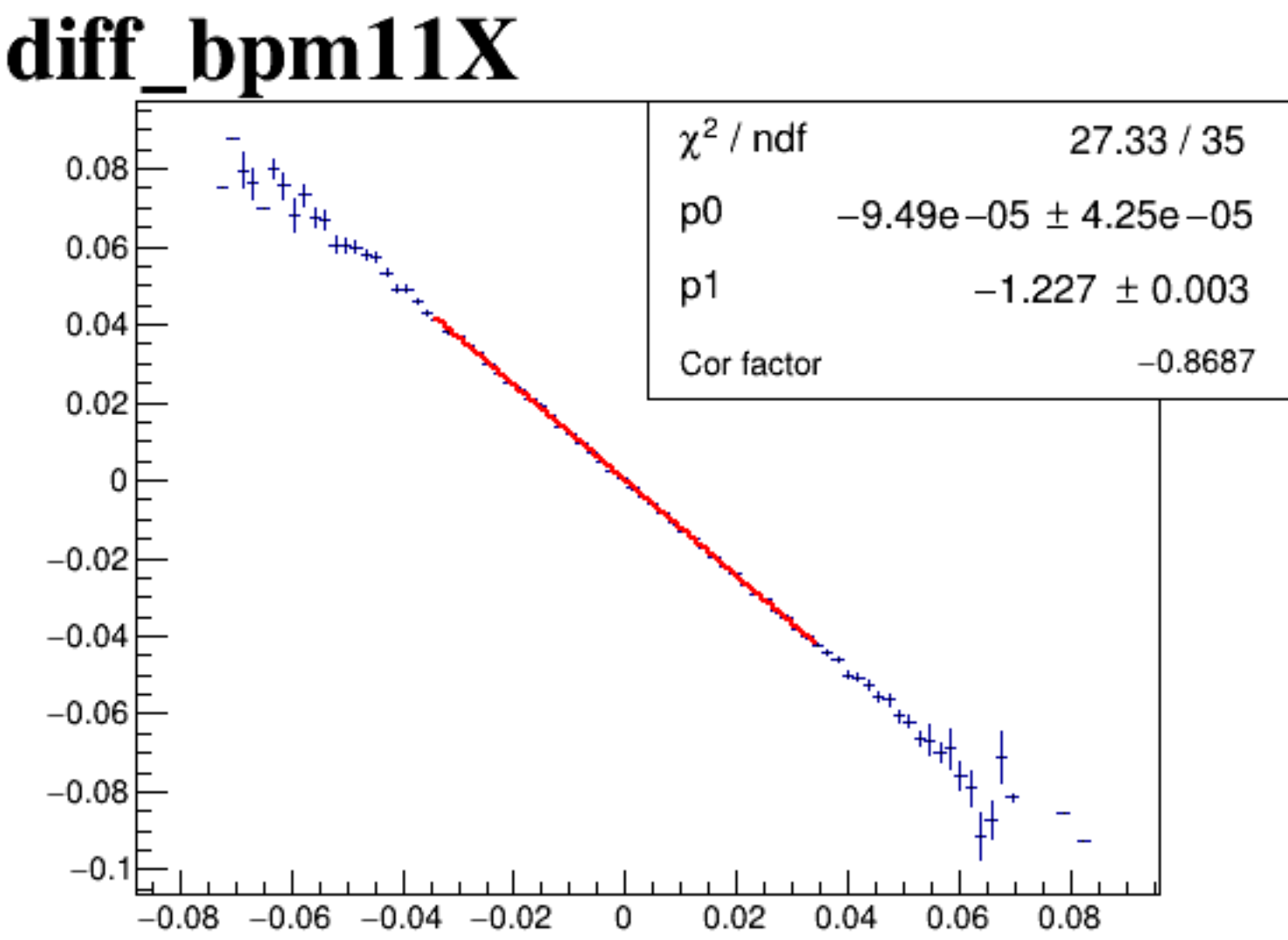
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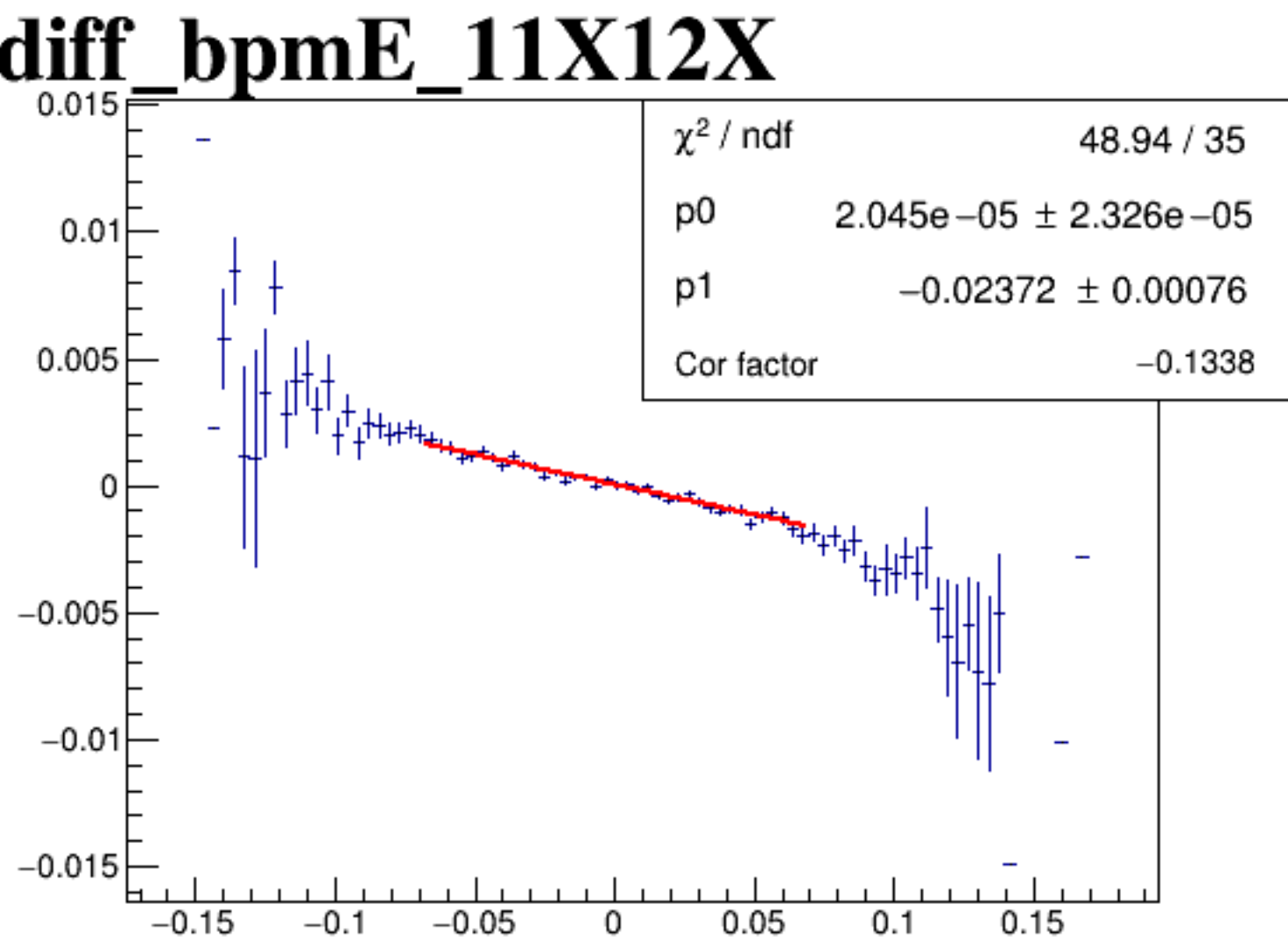
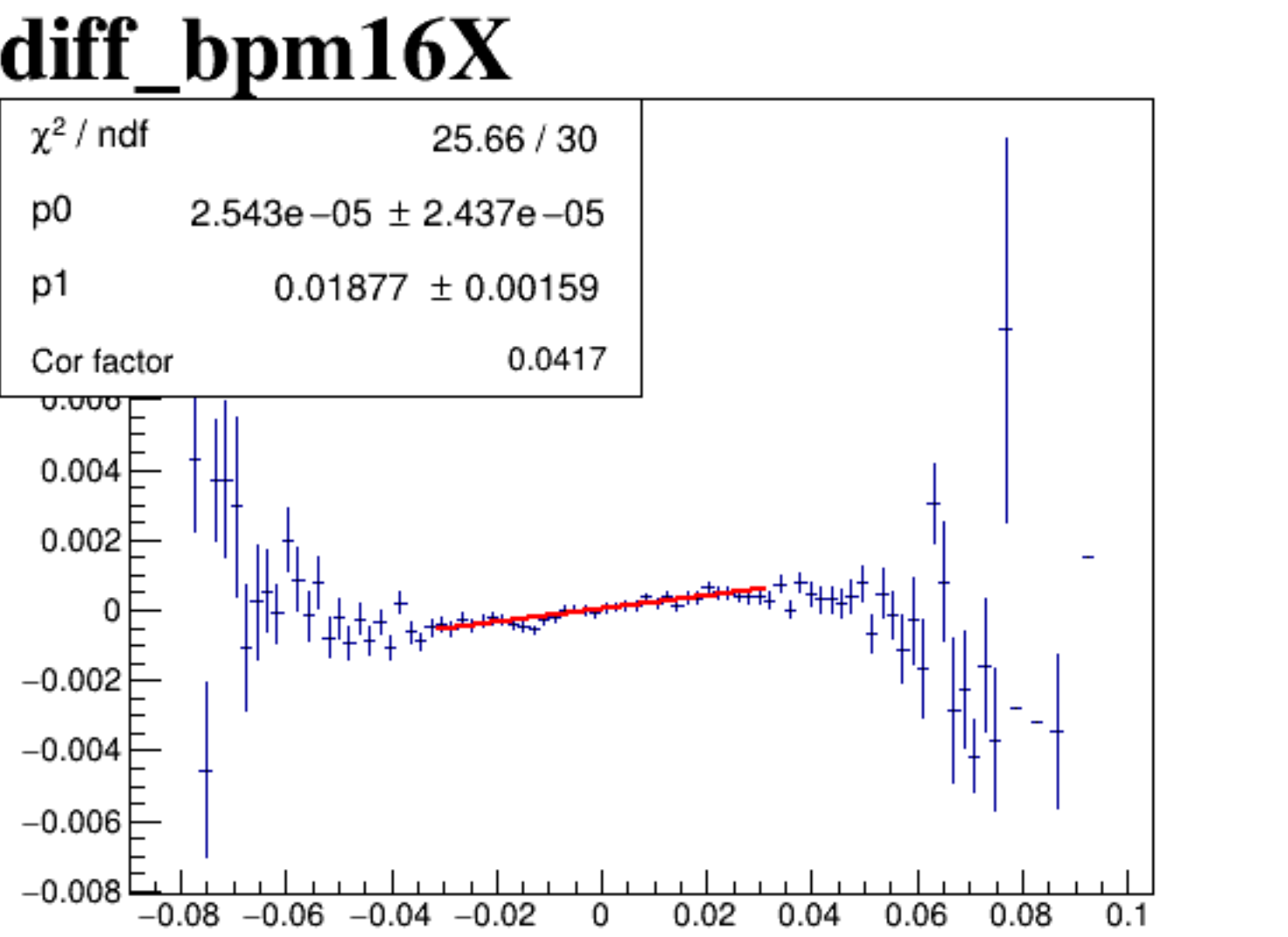
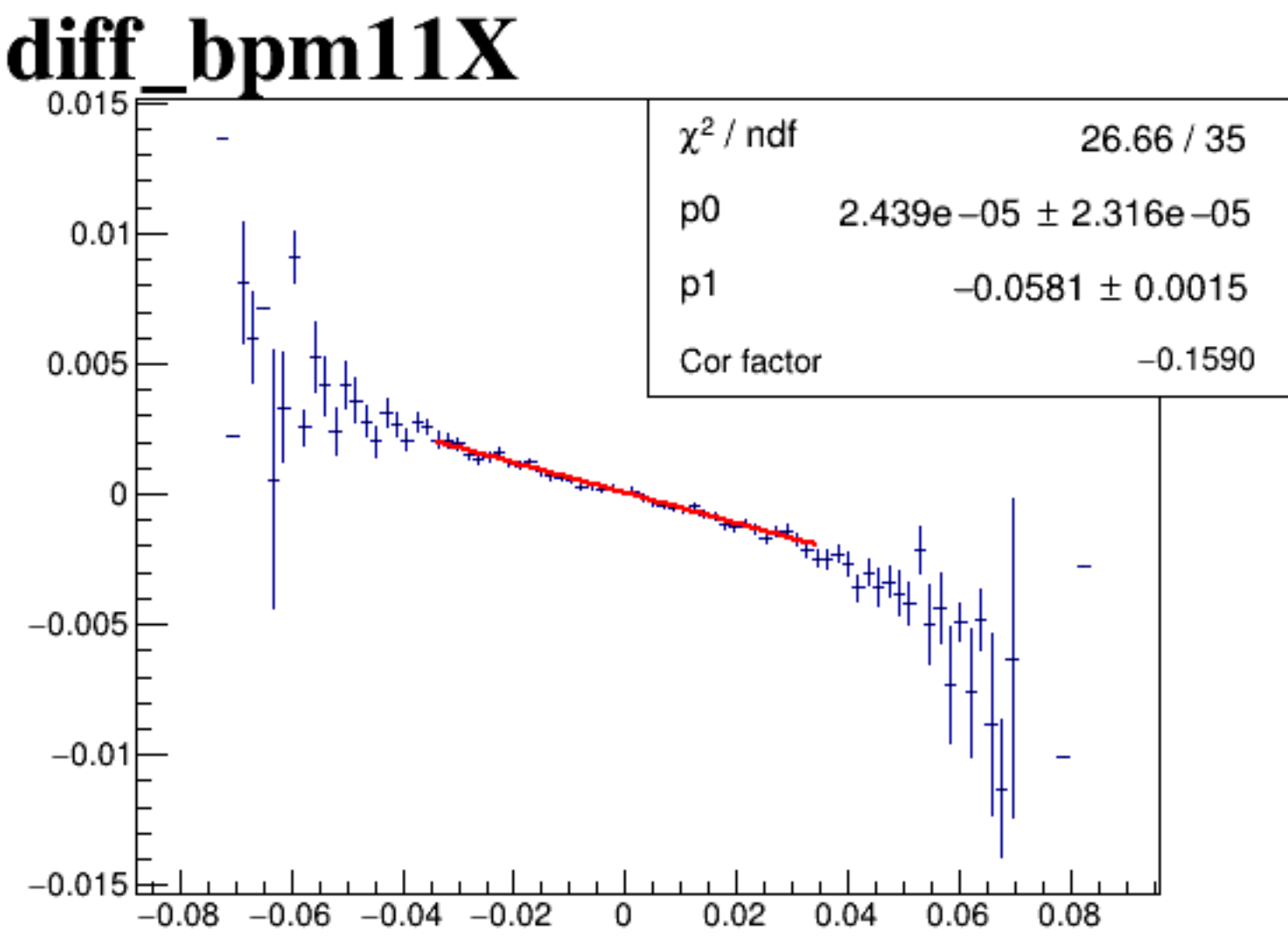
diff_bpm12X



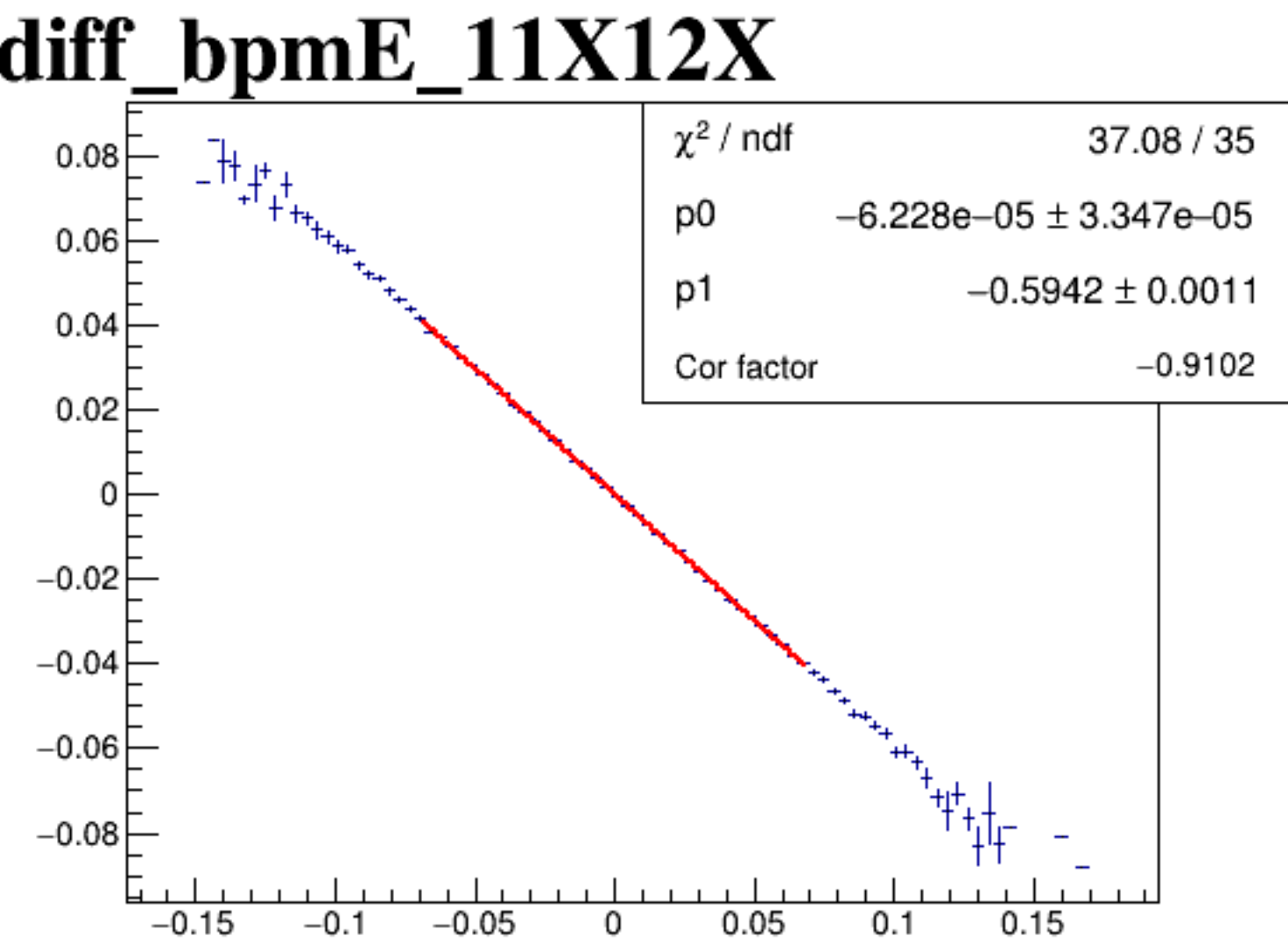
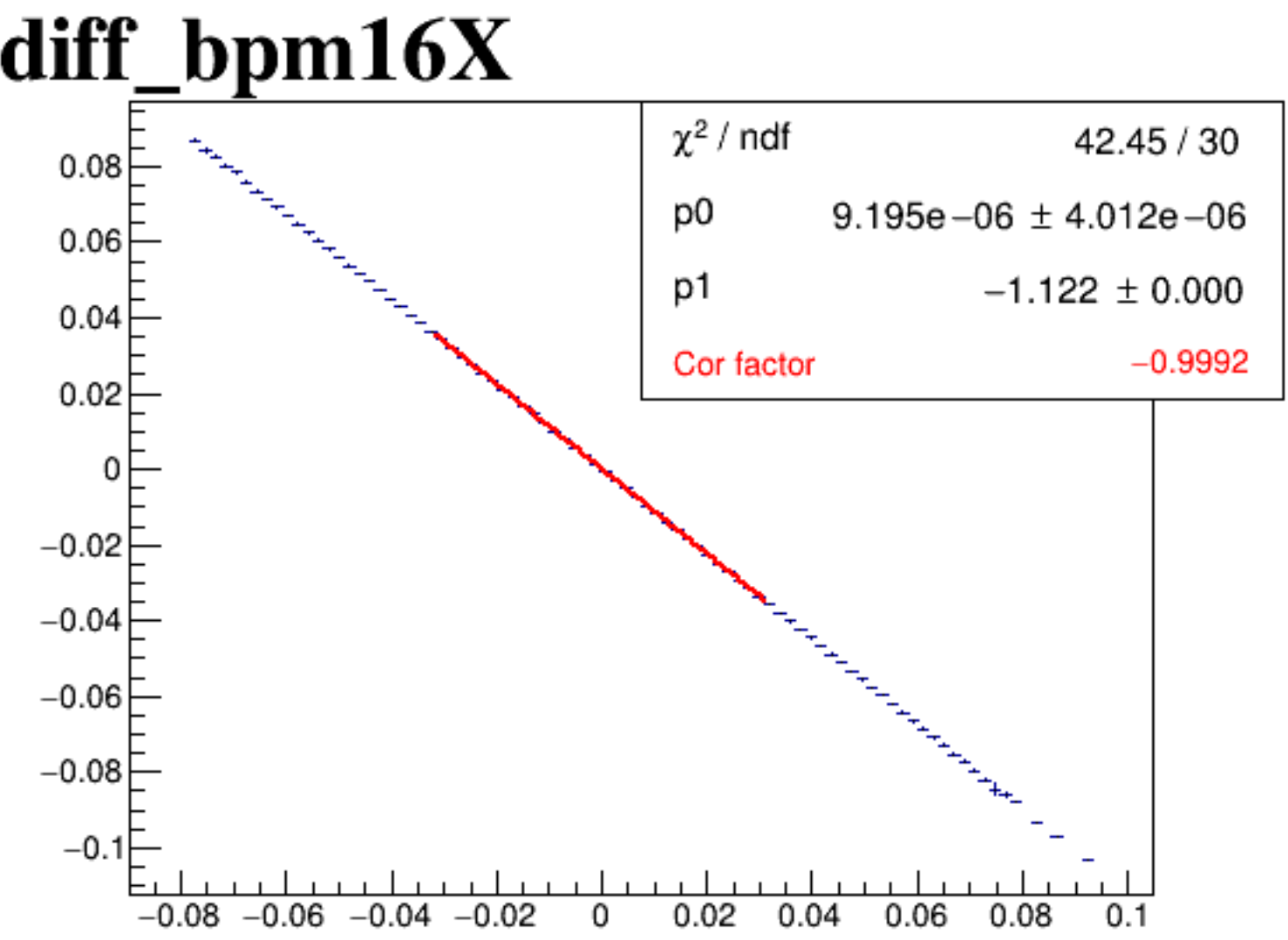
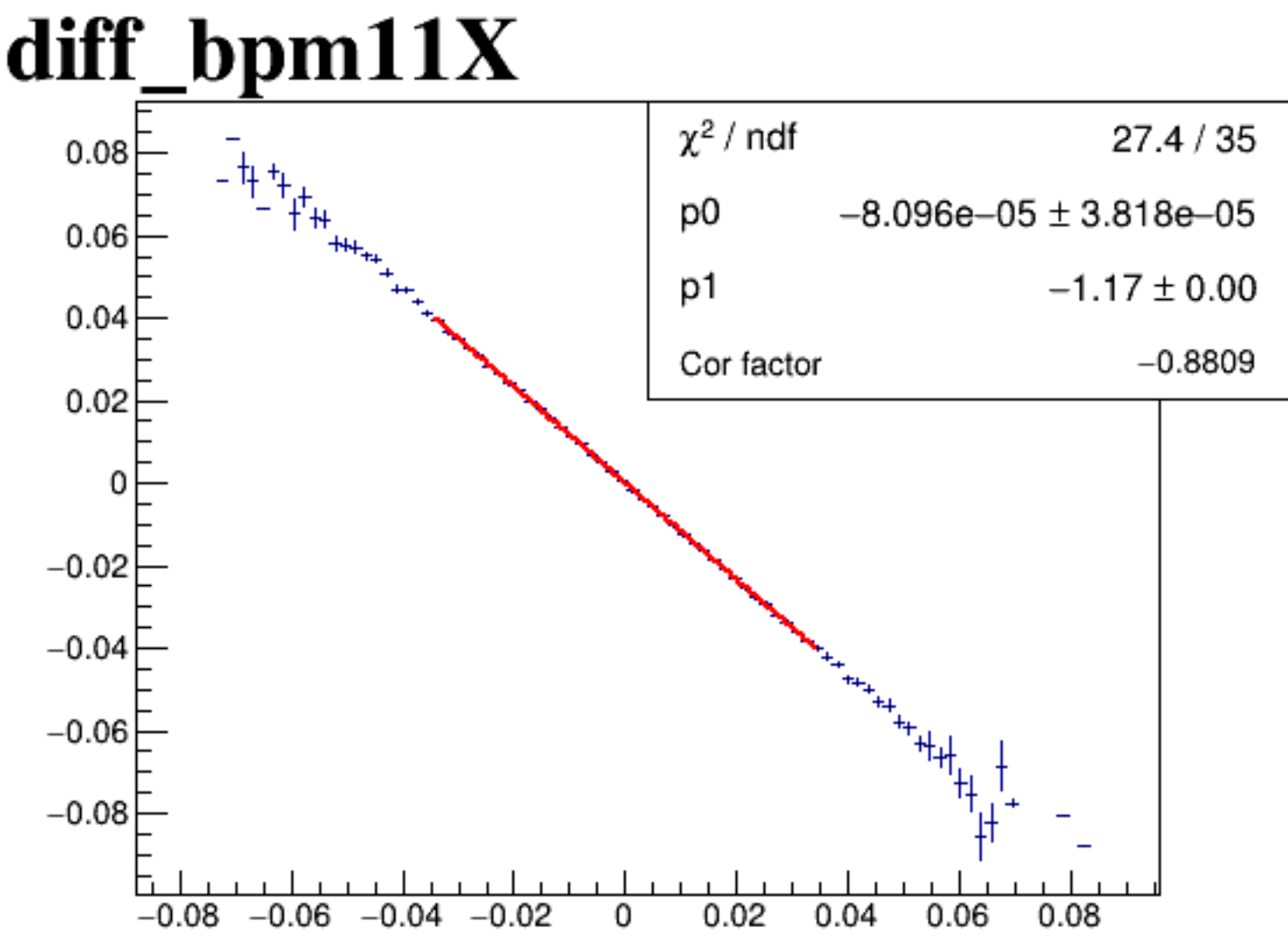
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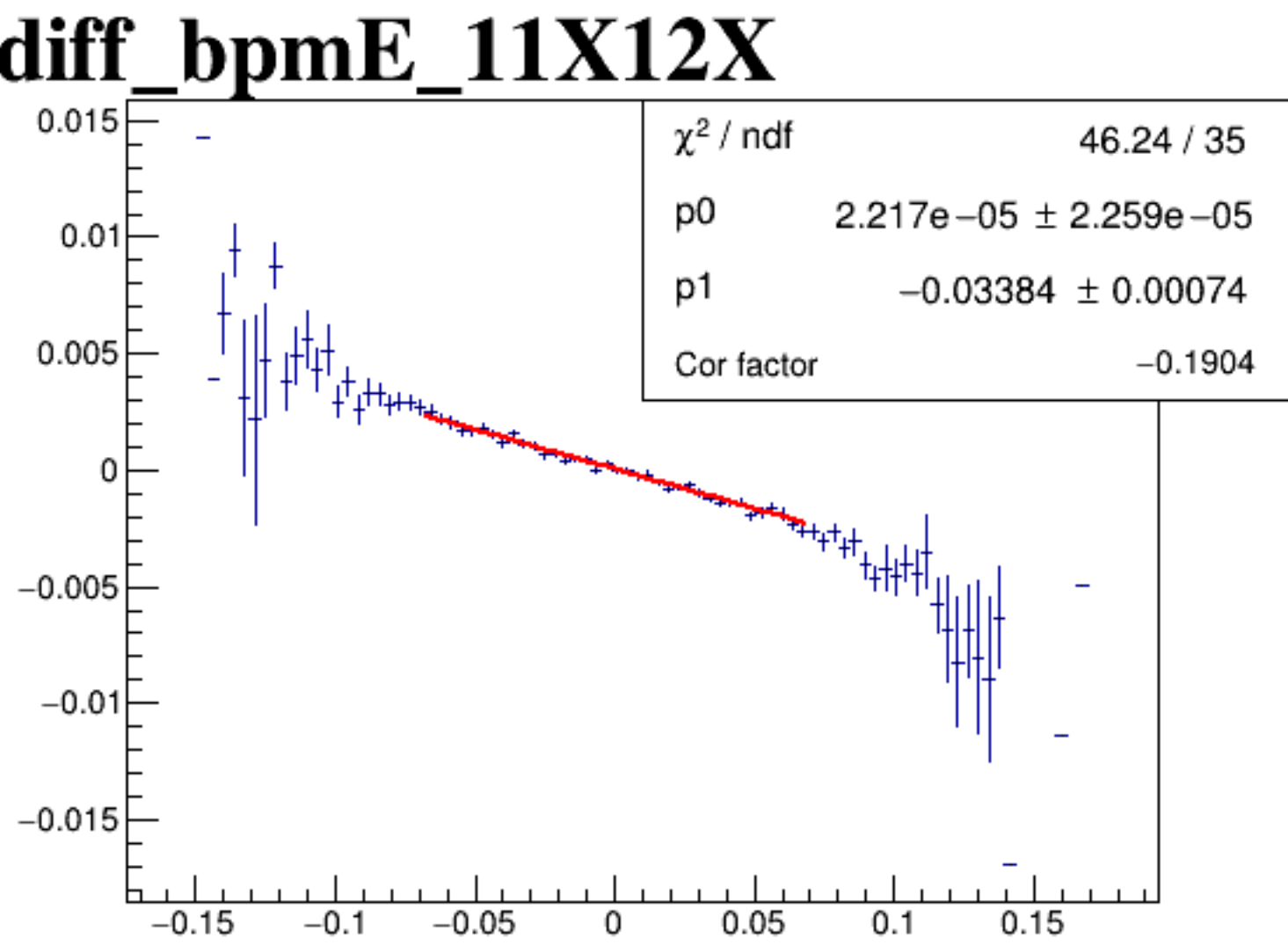
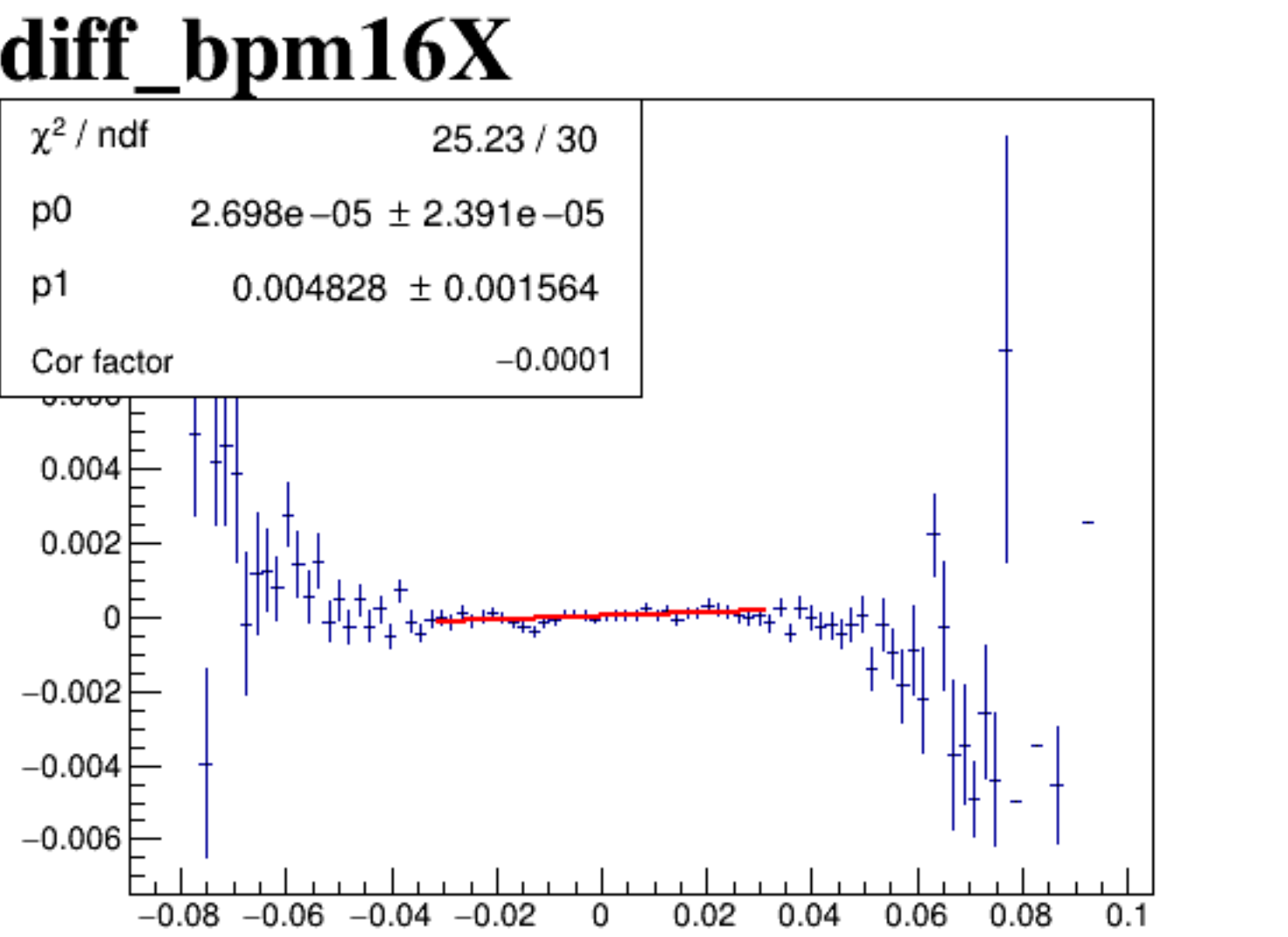
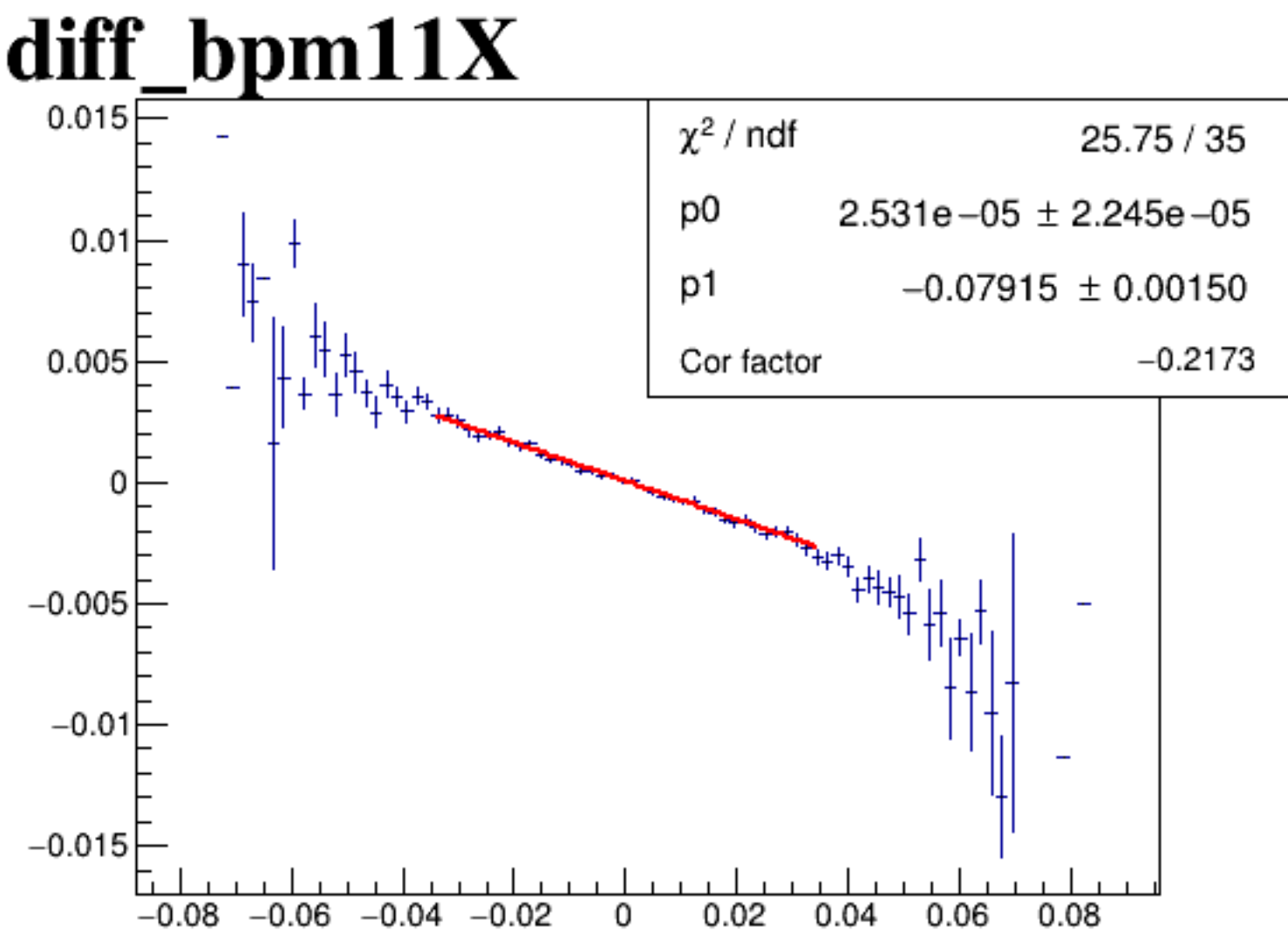
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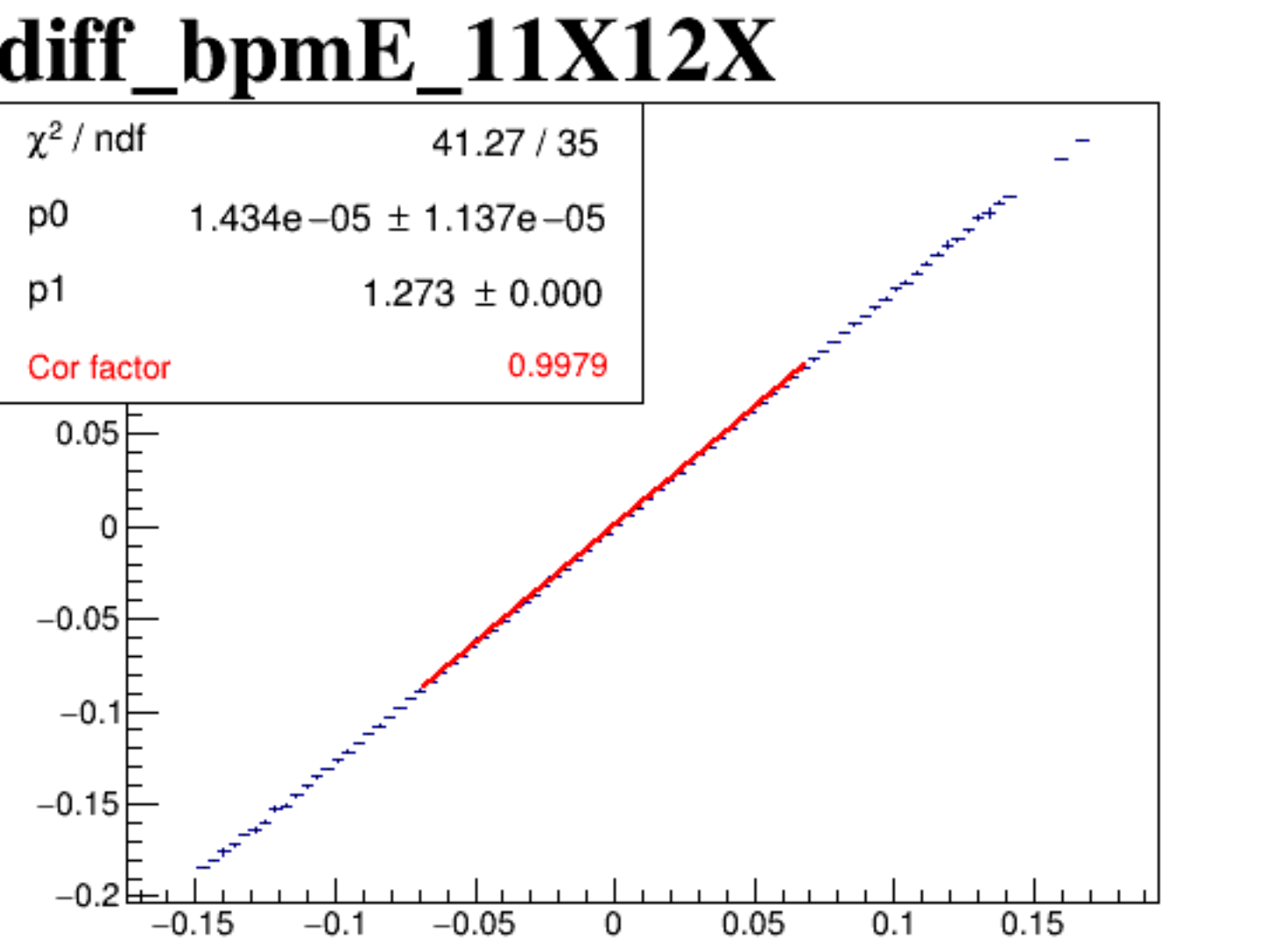
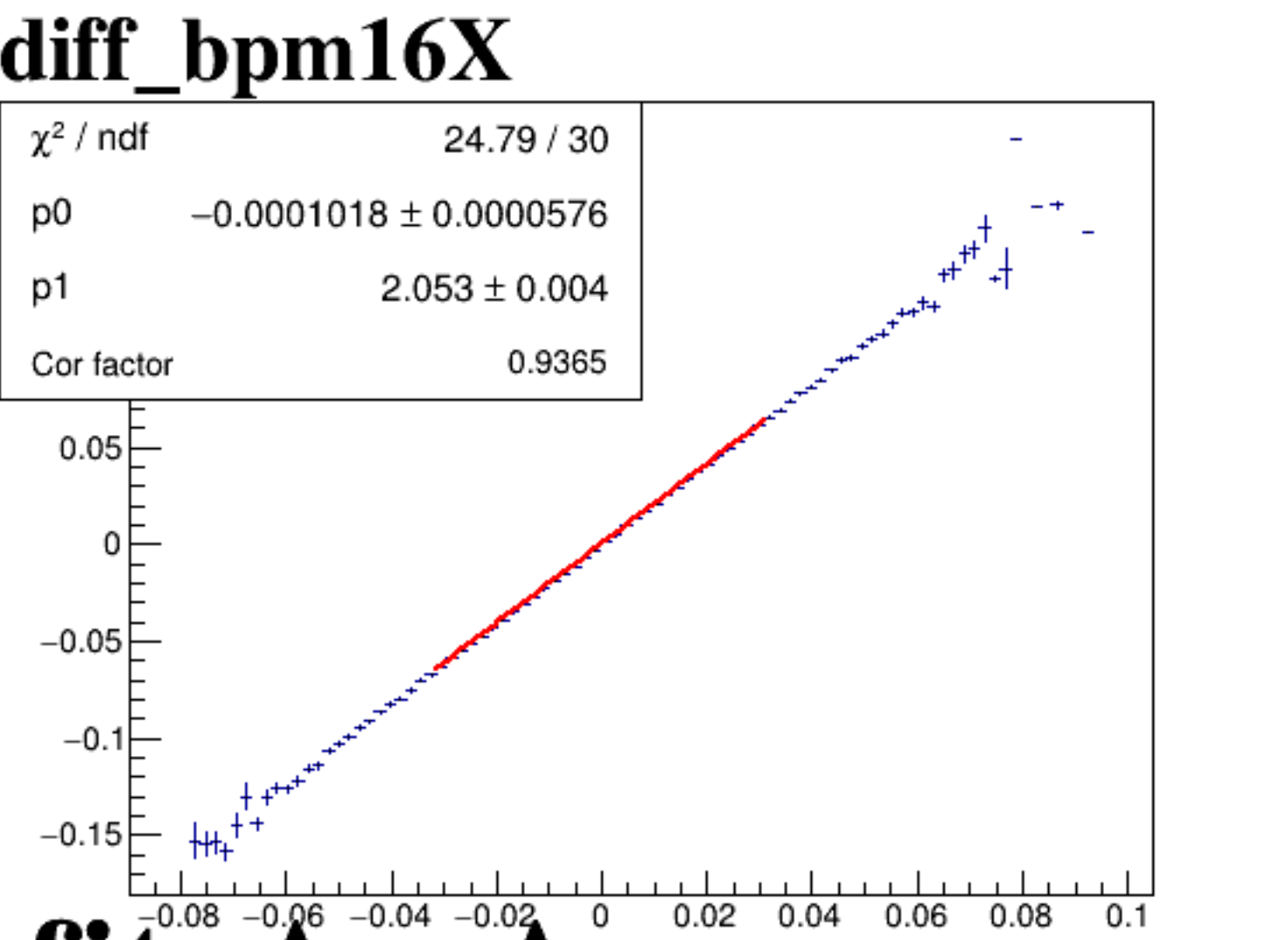
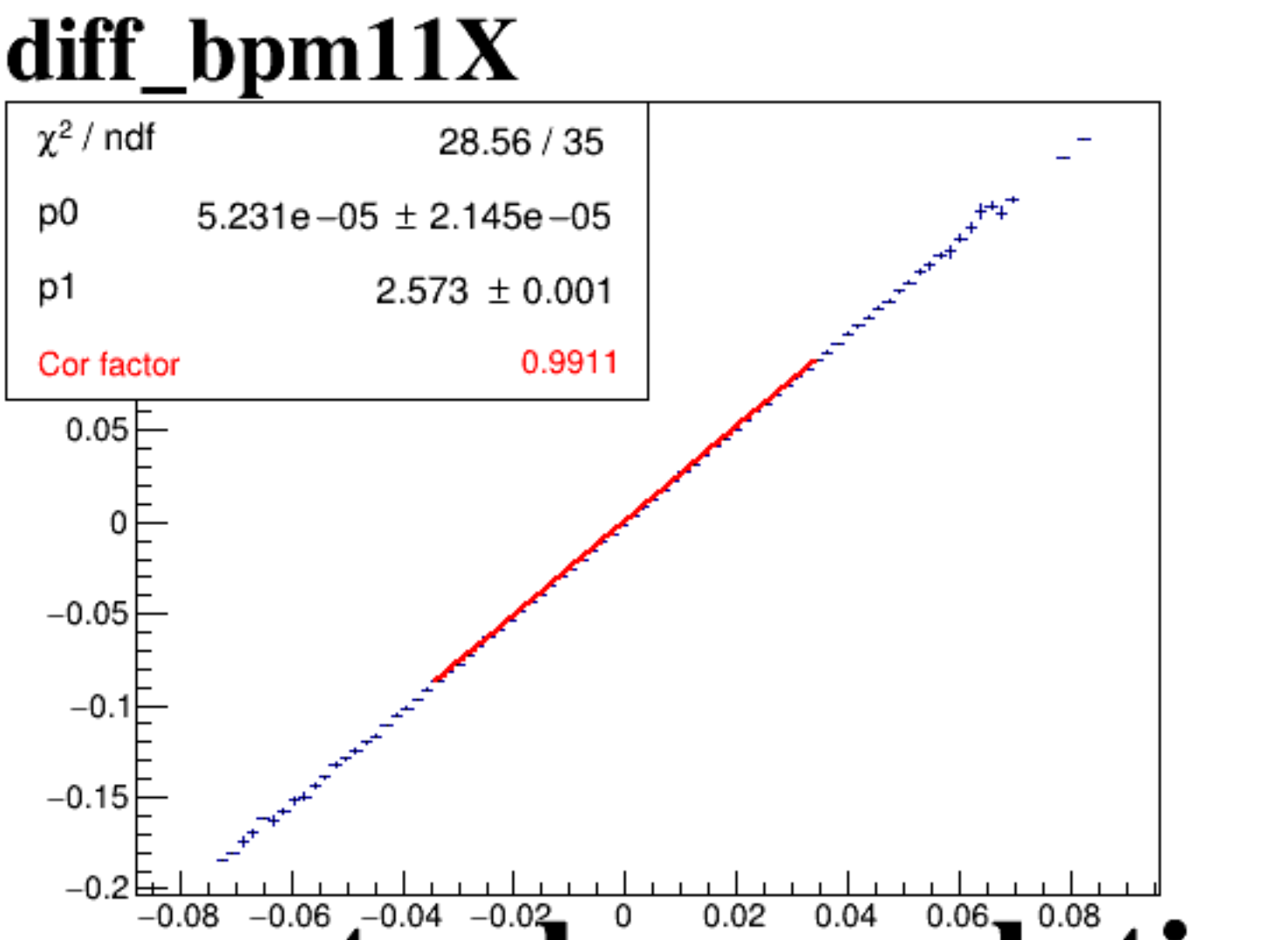
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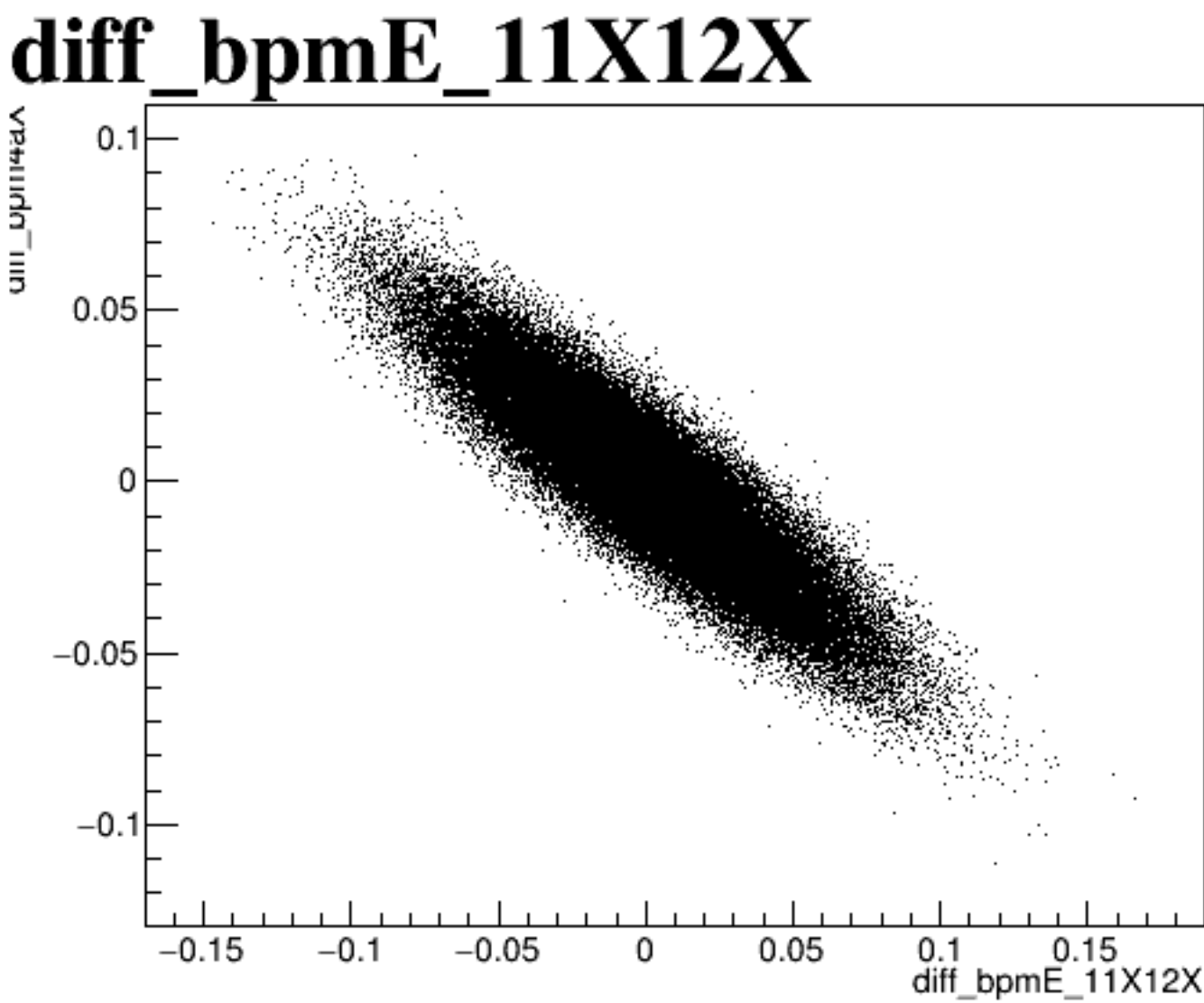
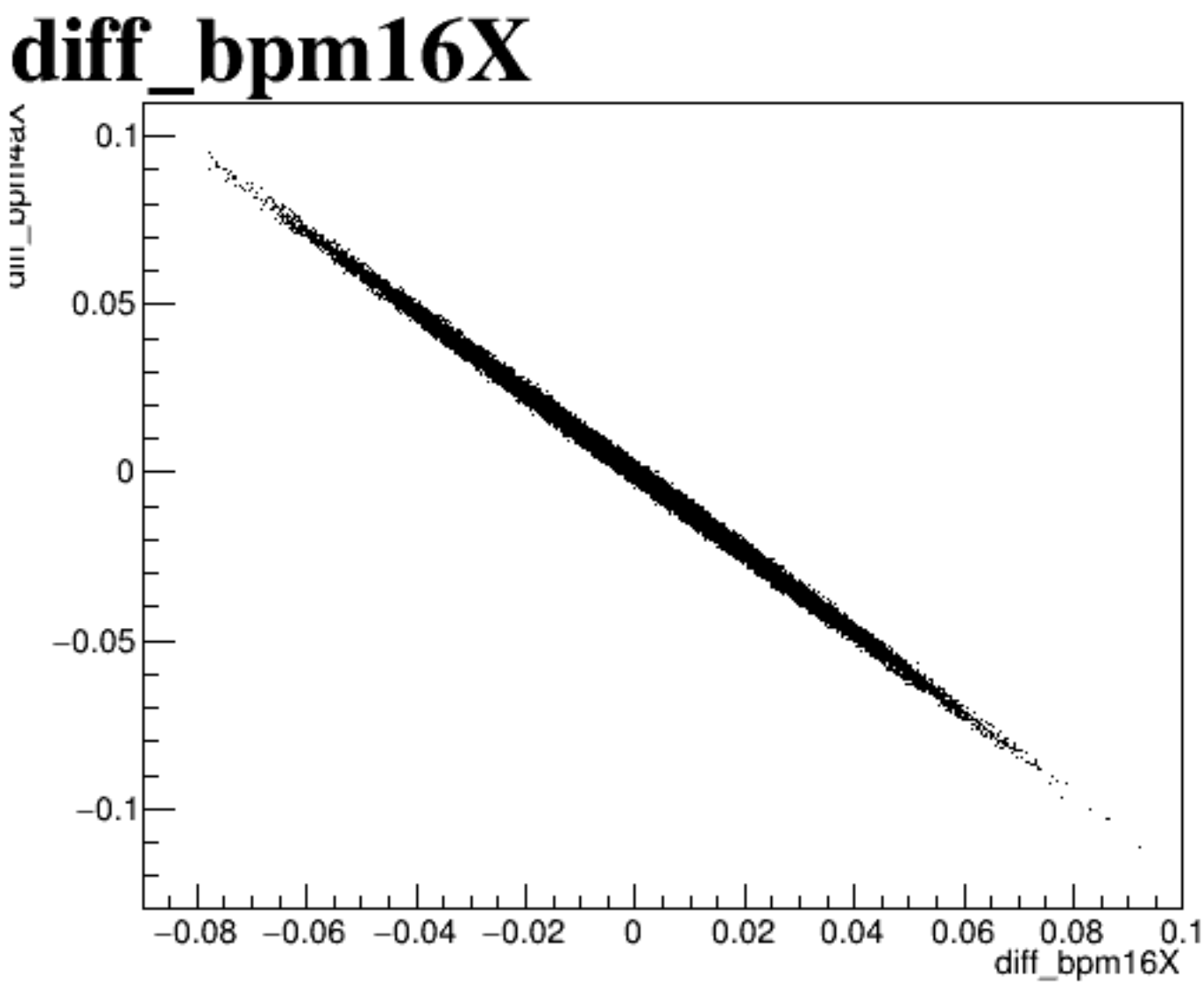
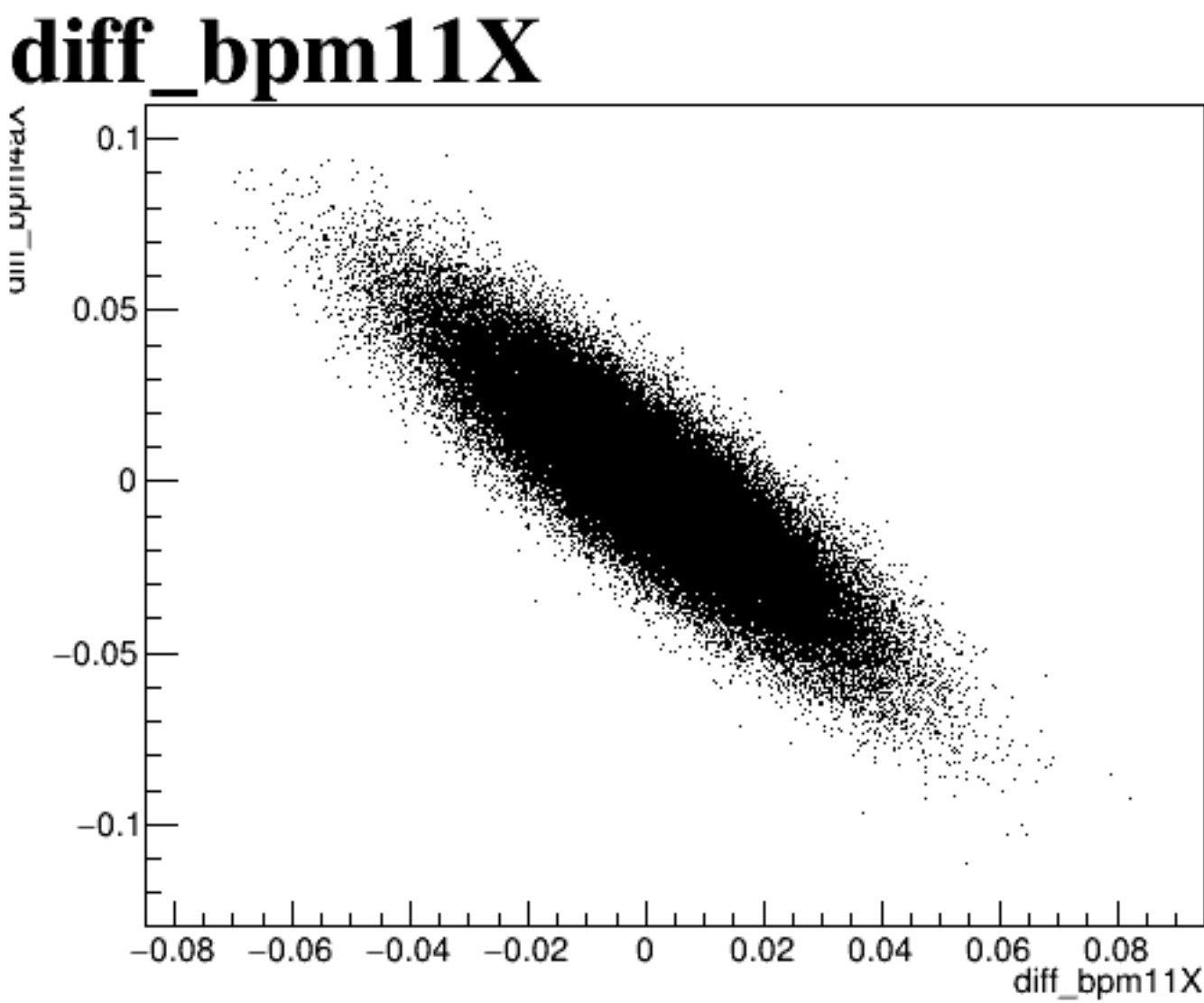
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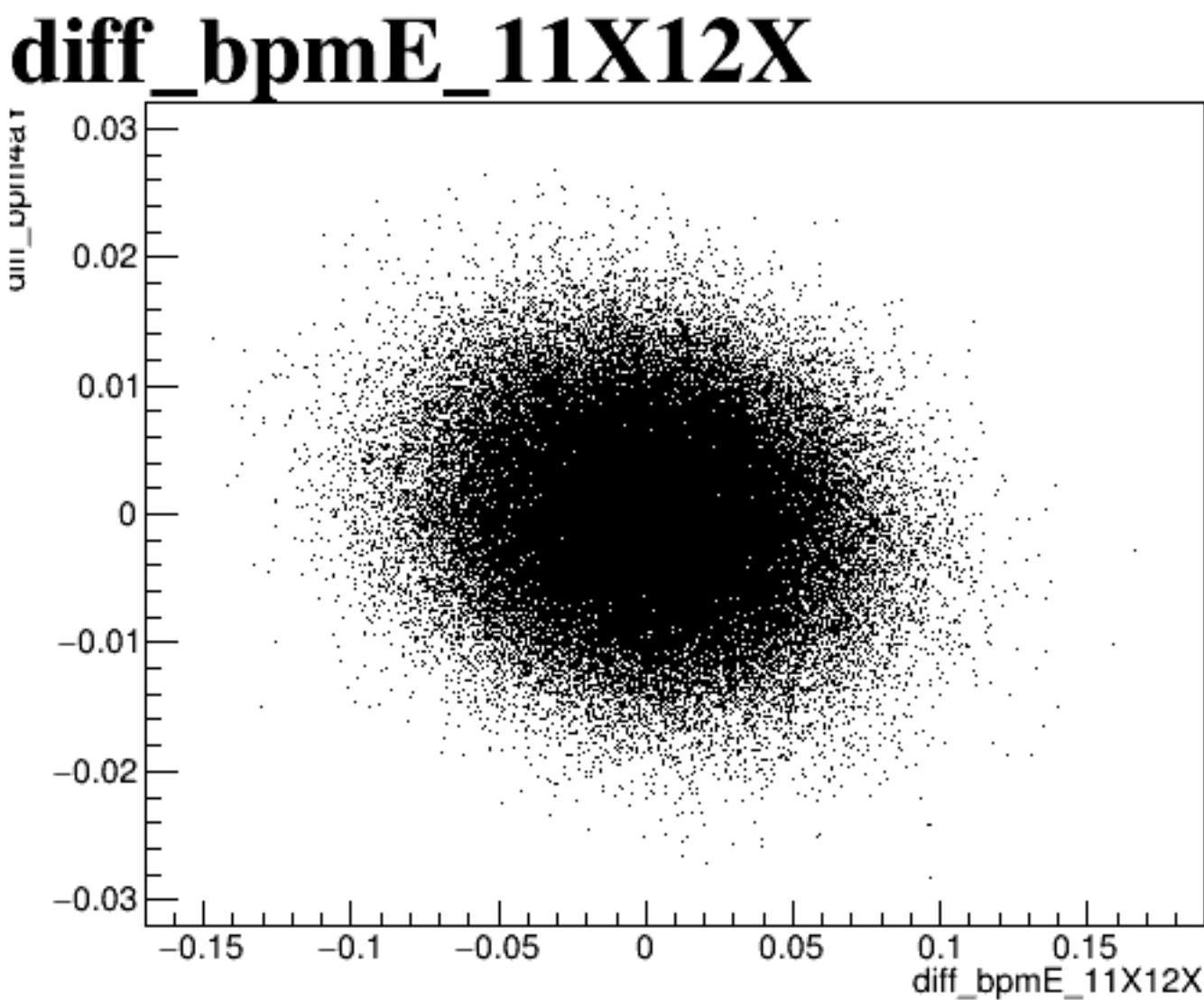
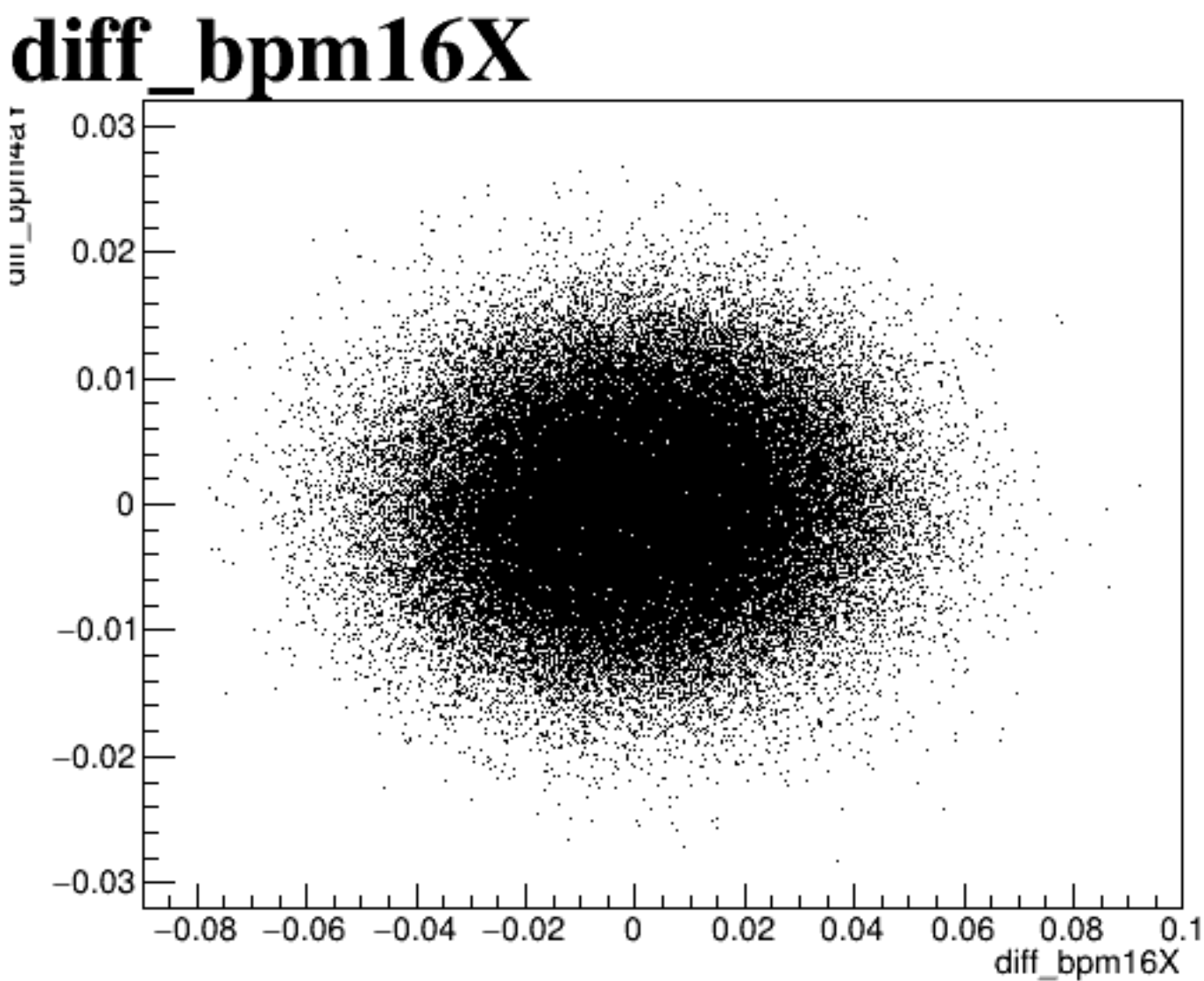
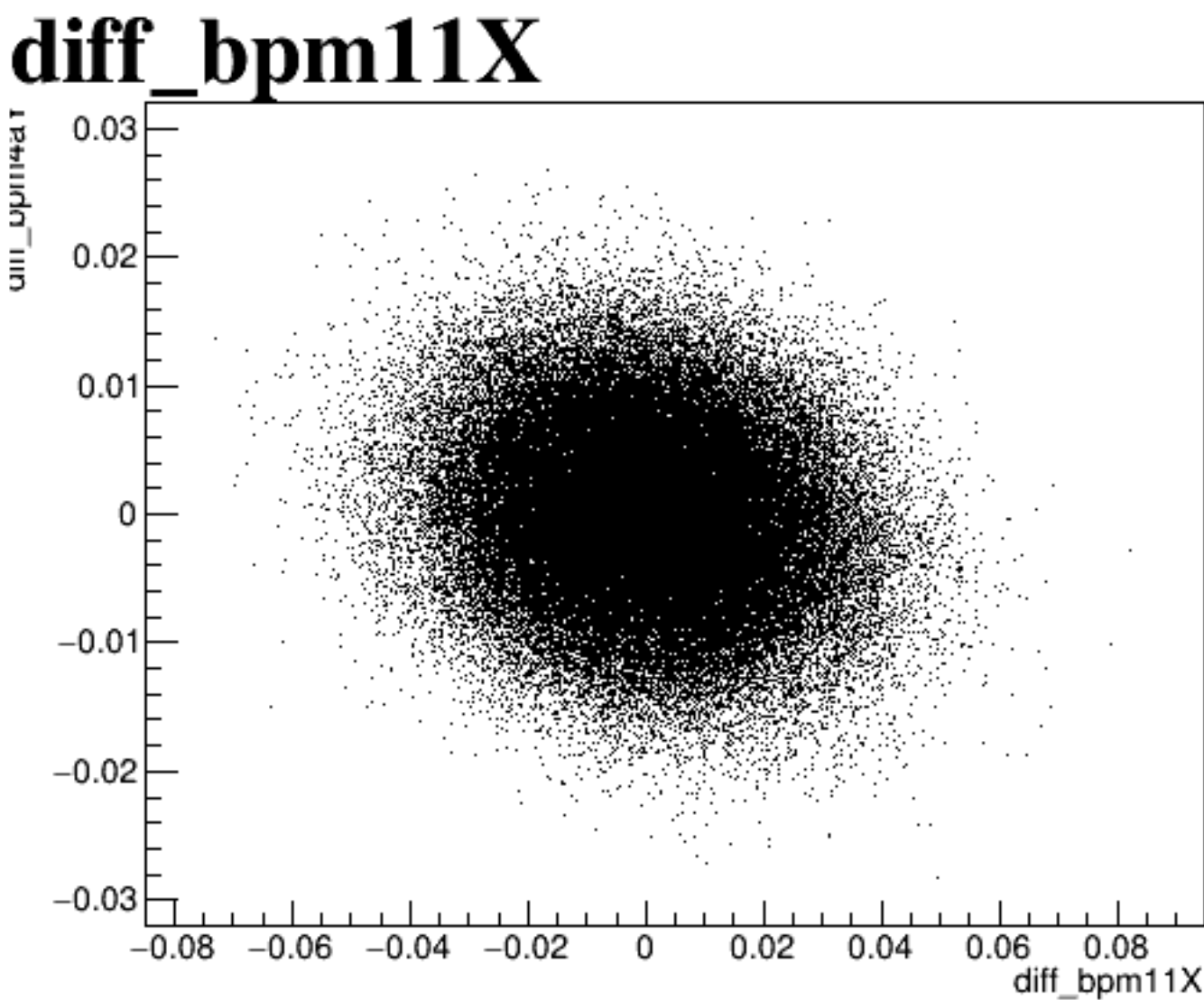
diff_bpm12X



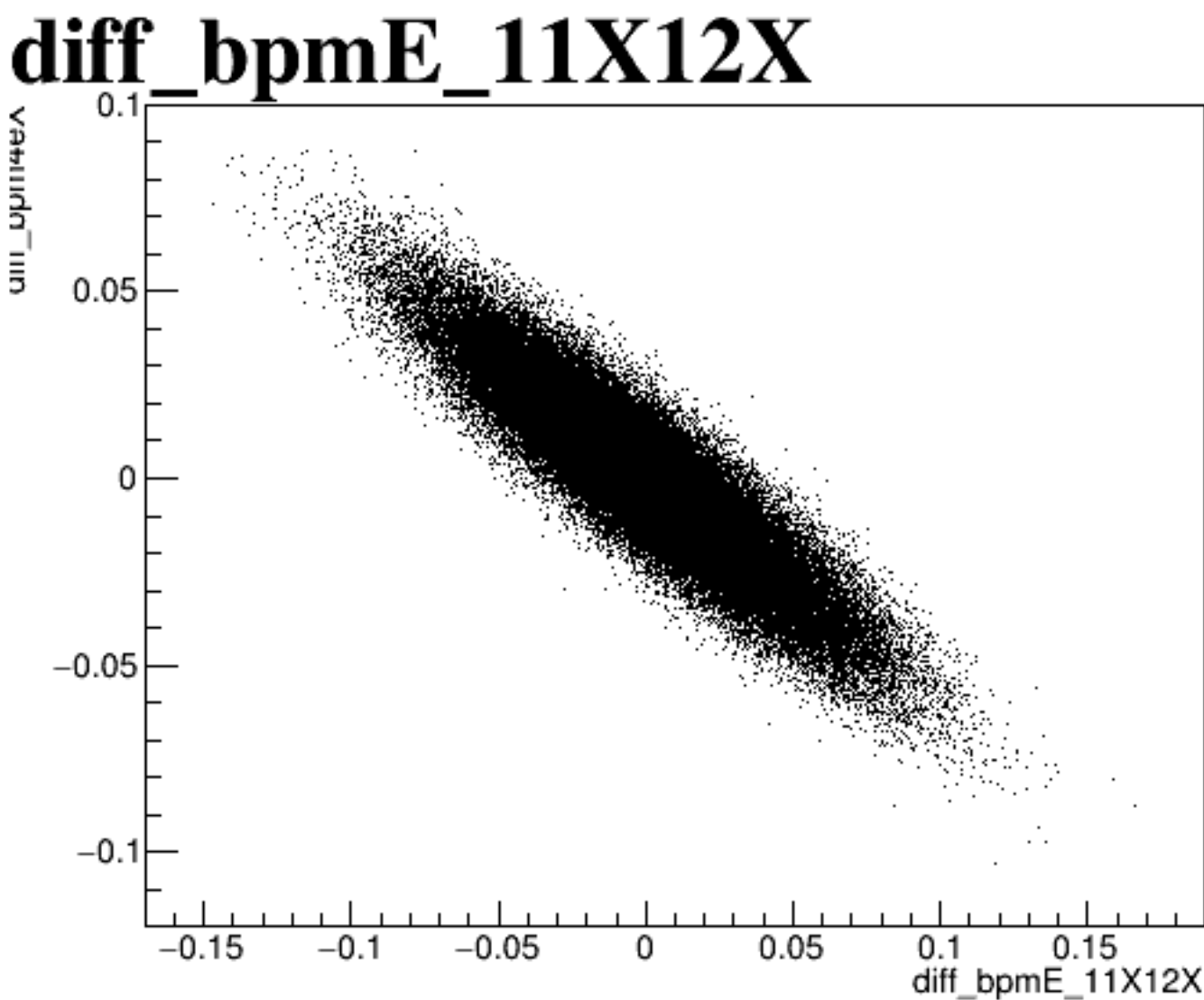
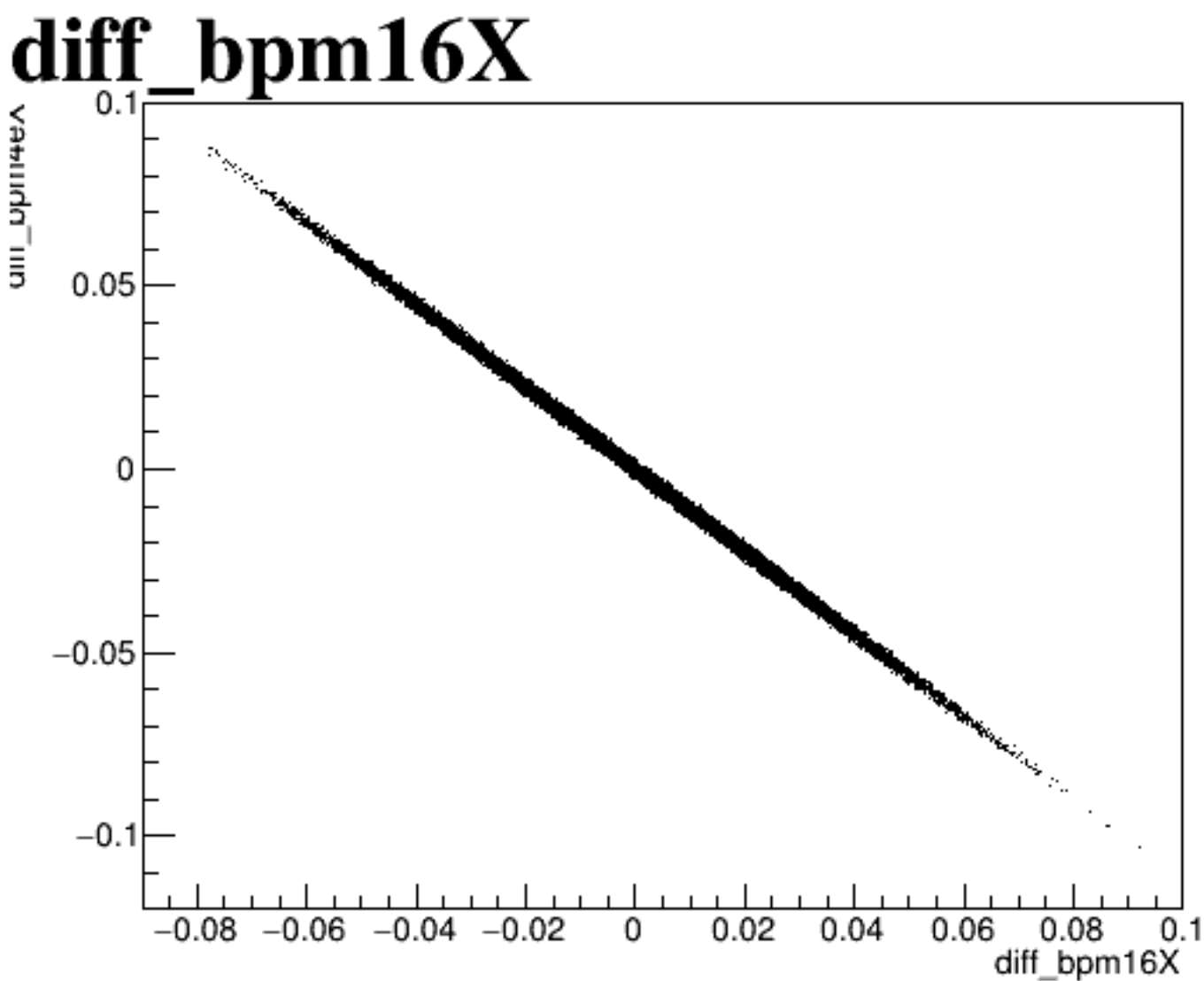
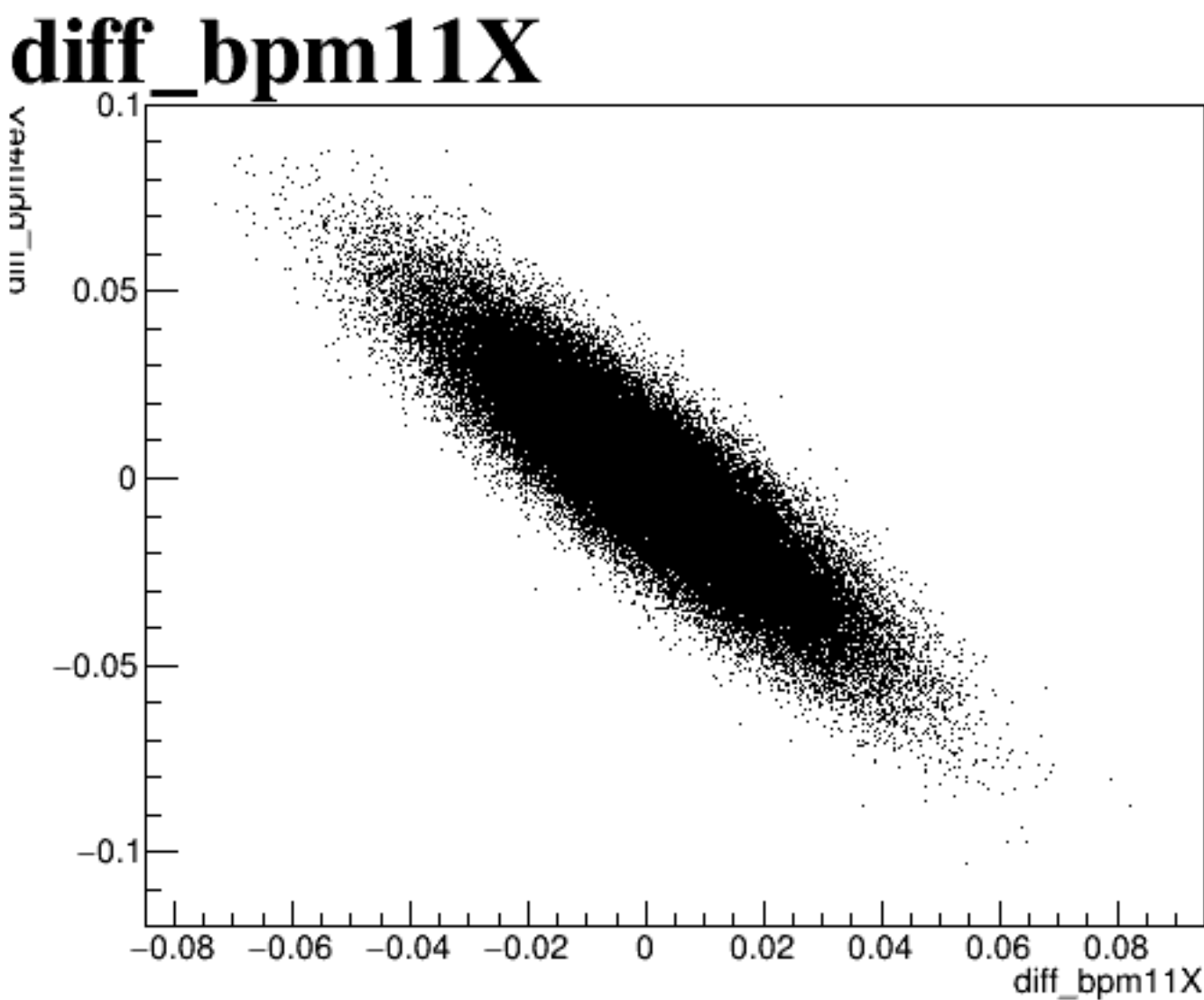
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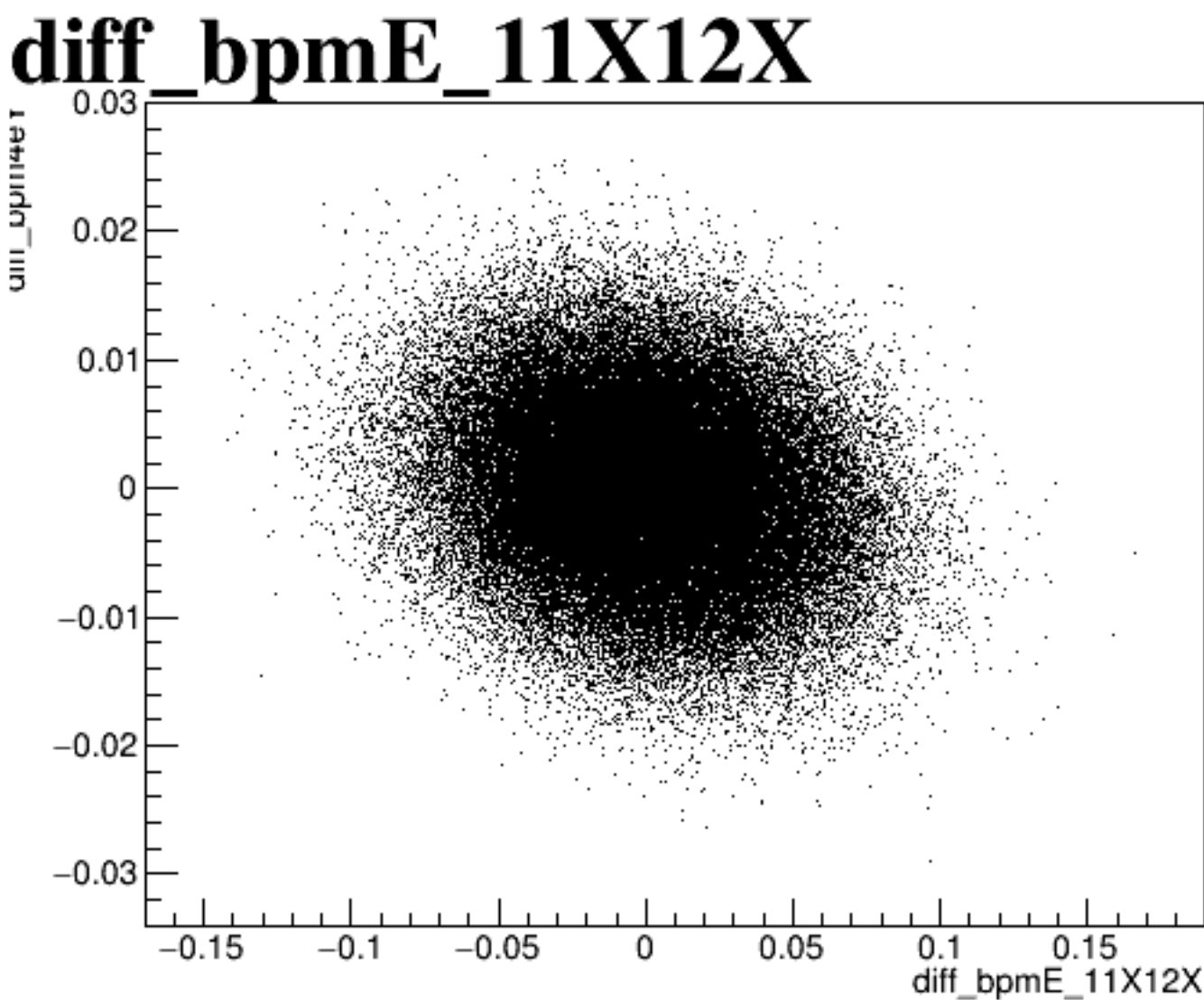
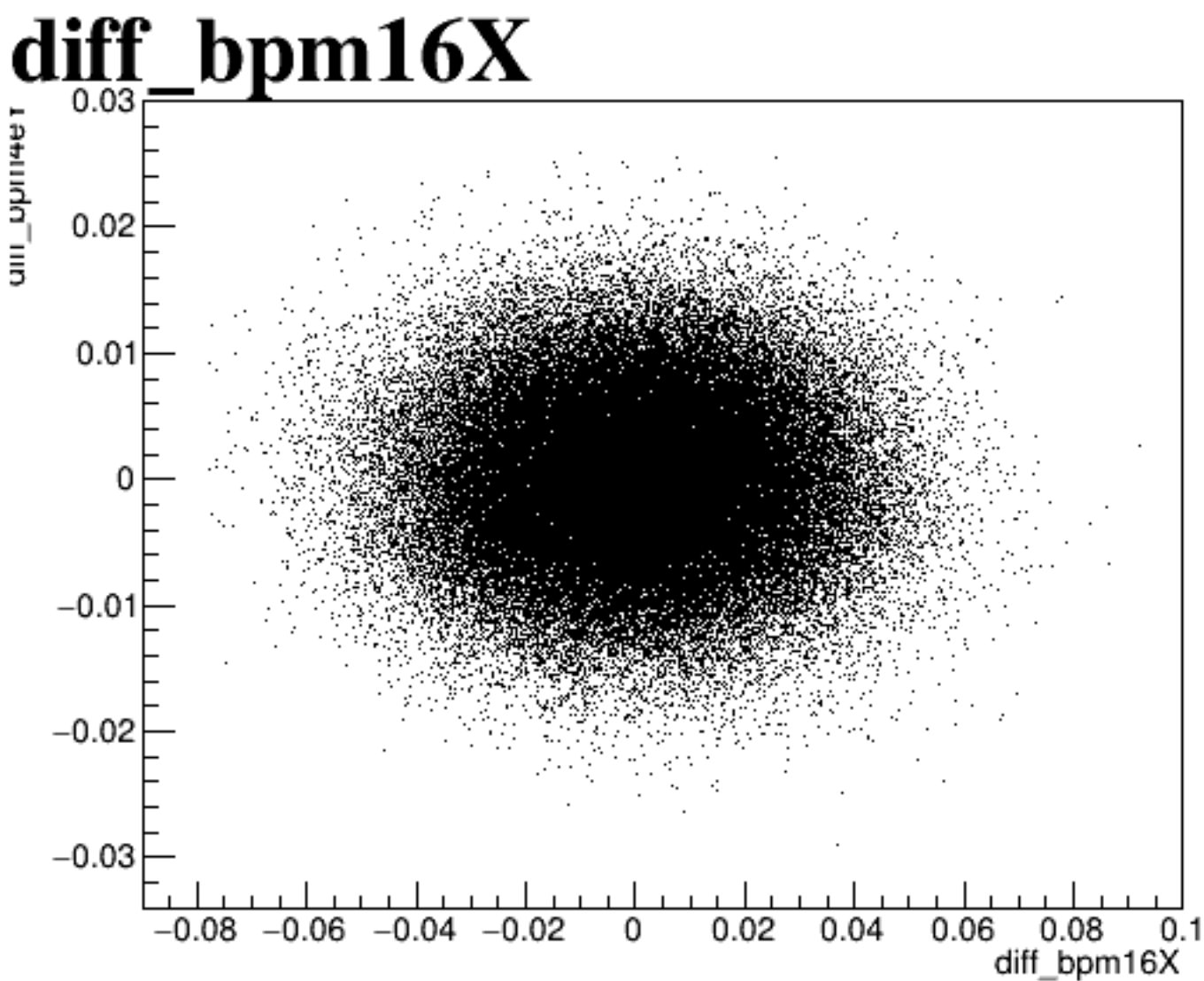
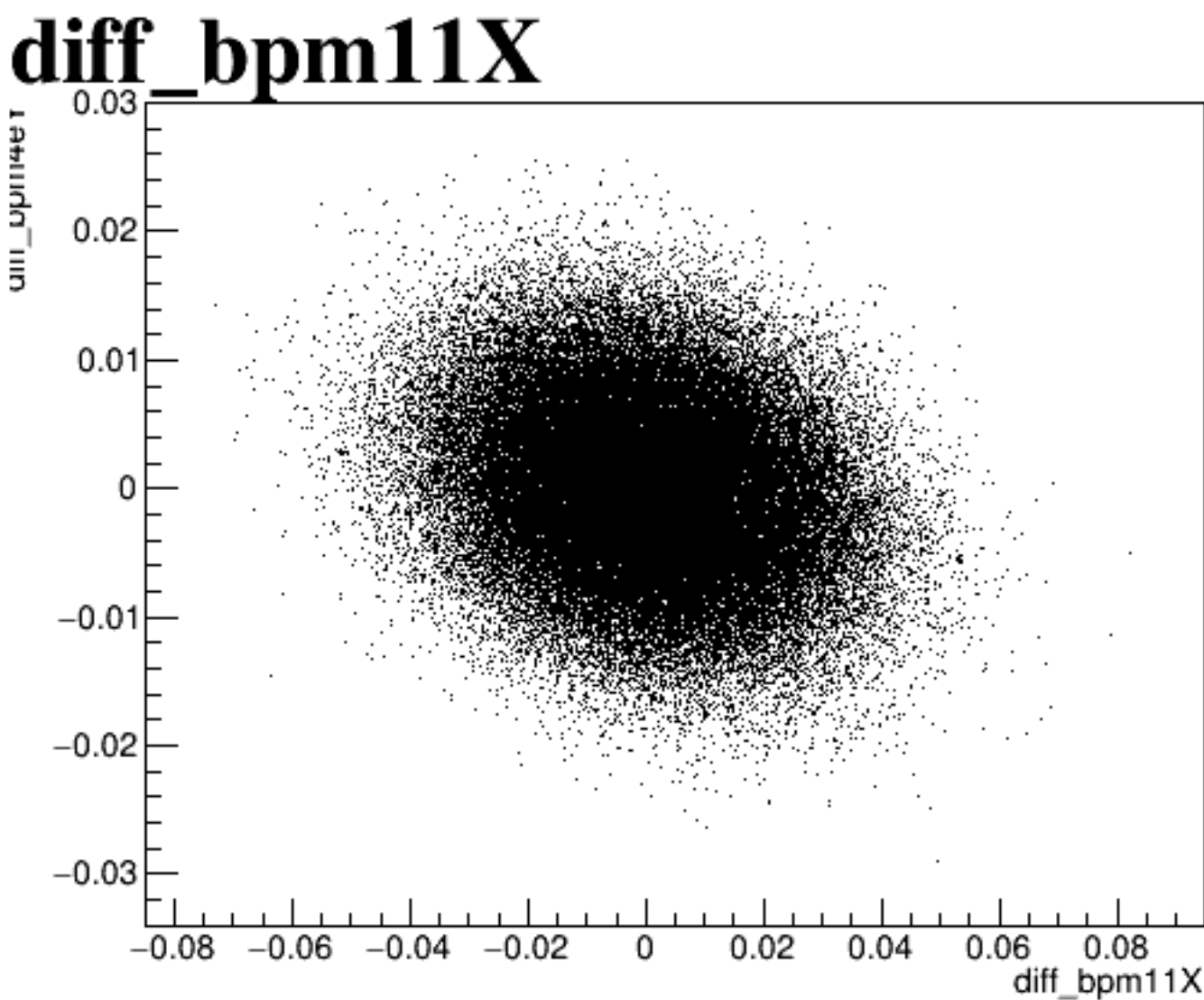
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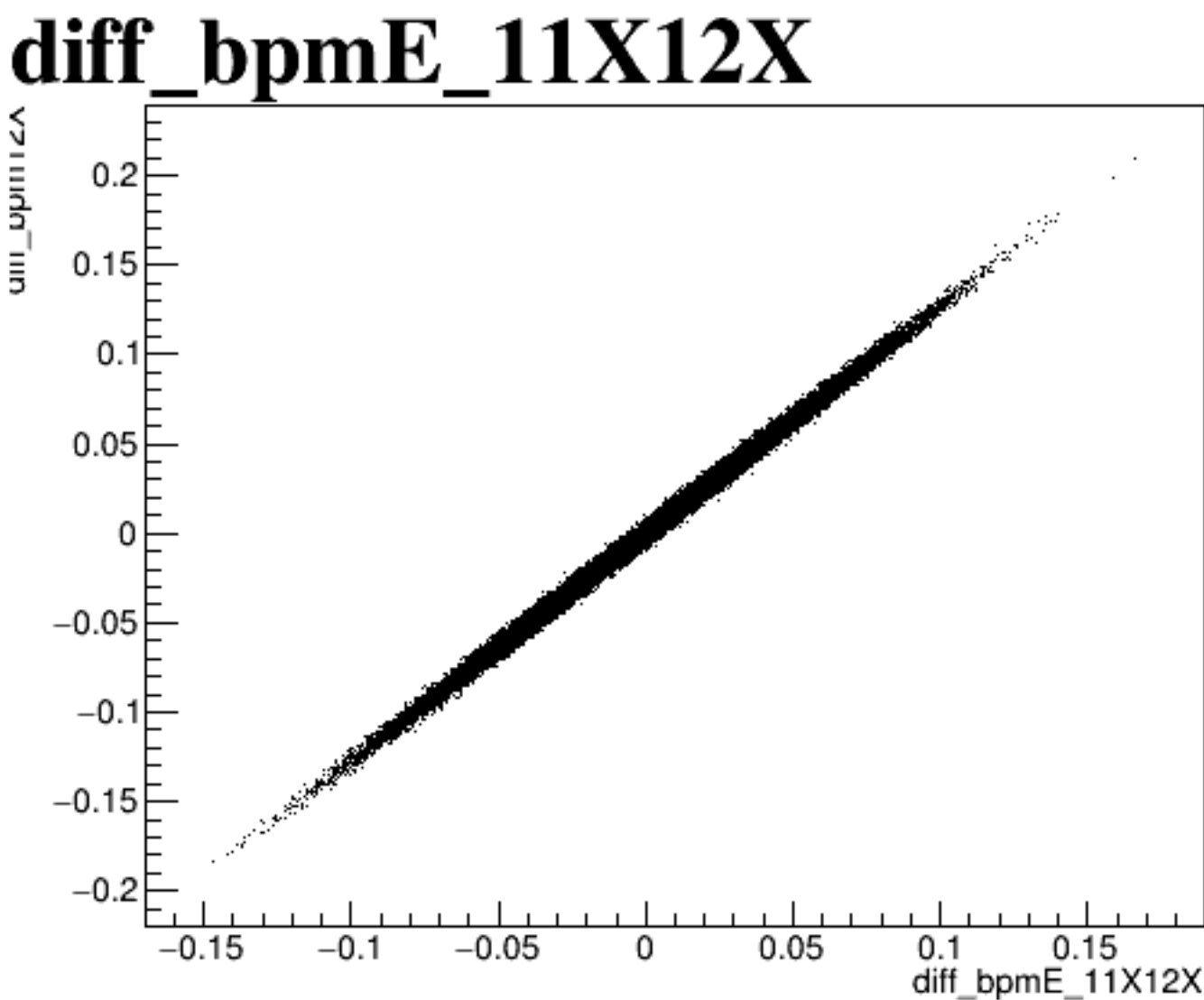
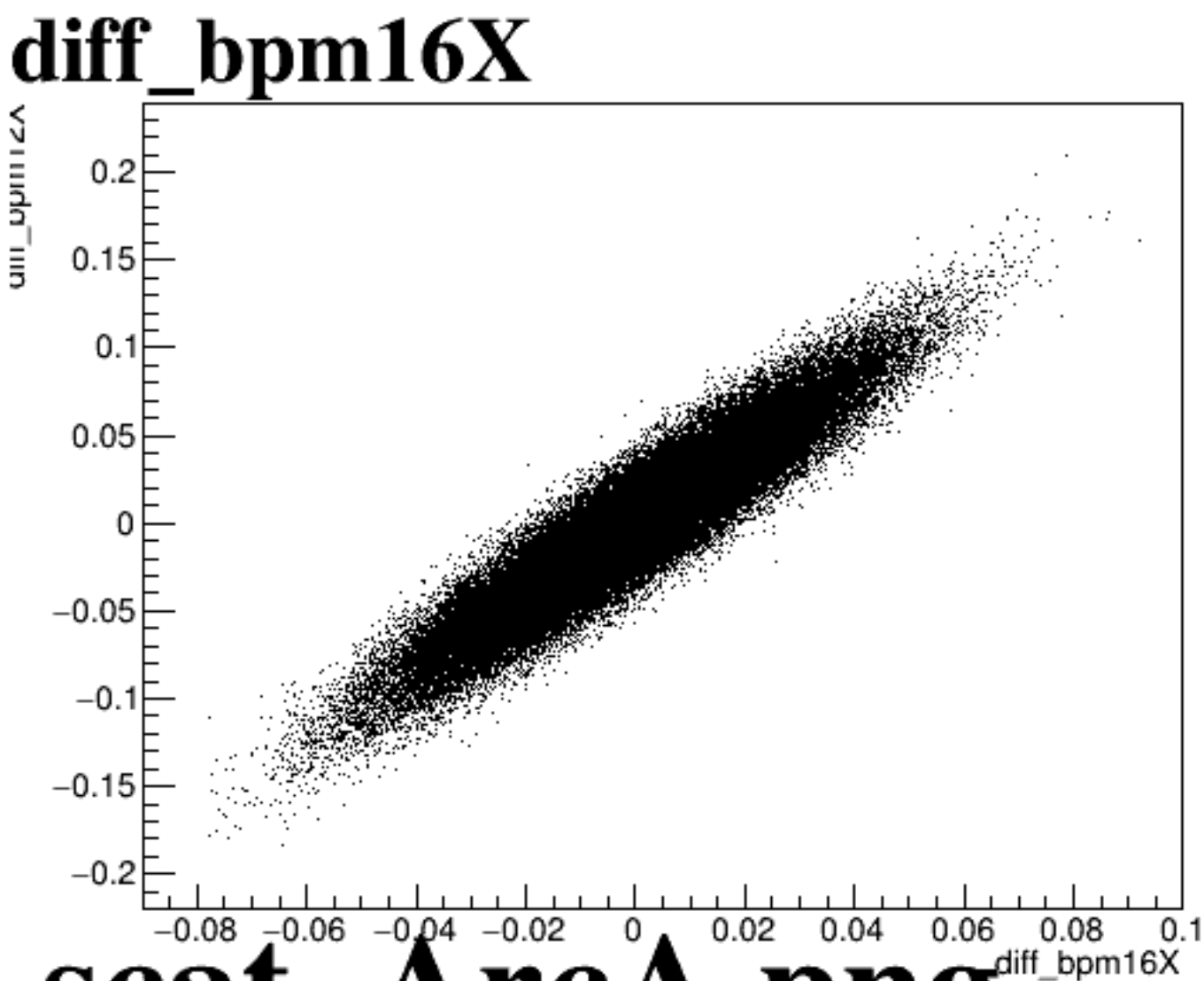
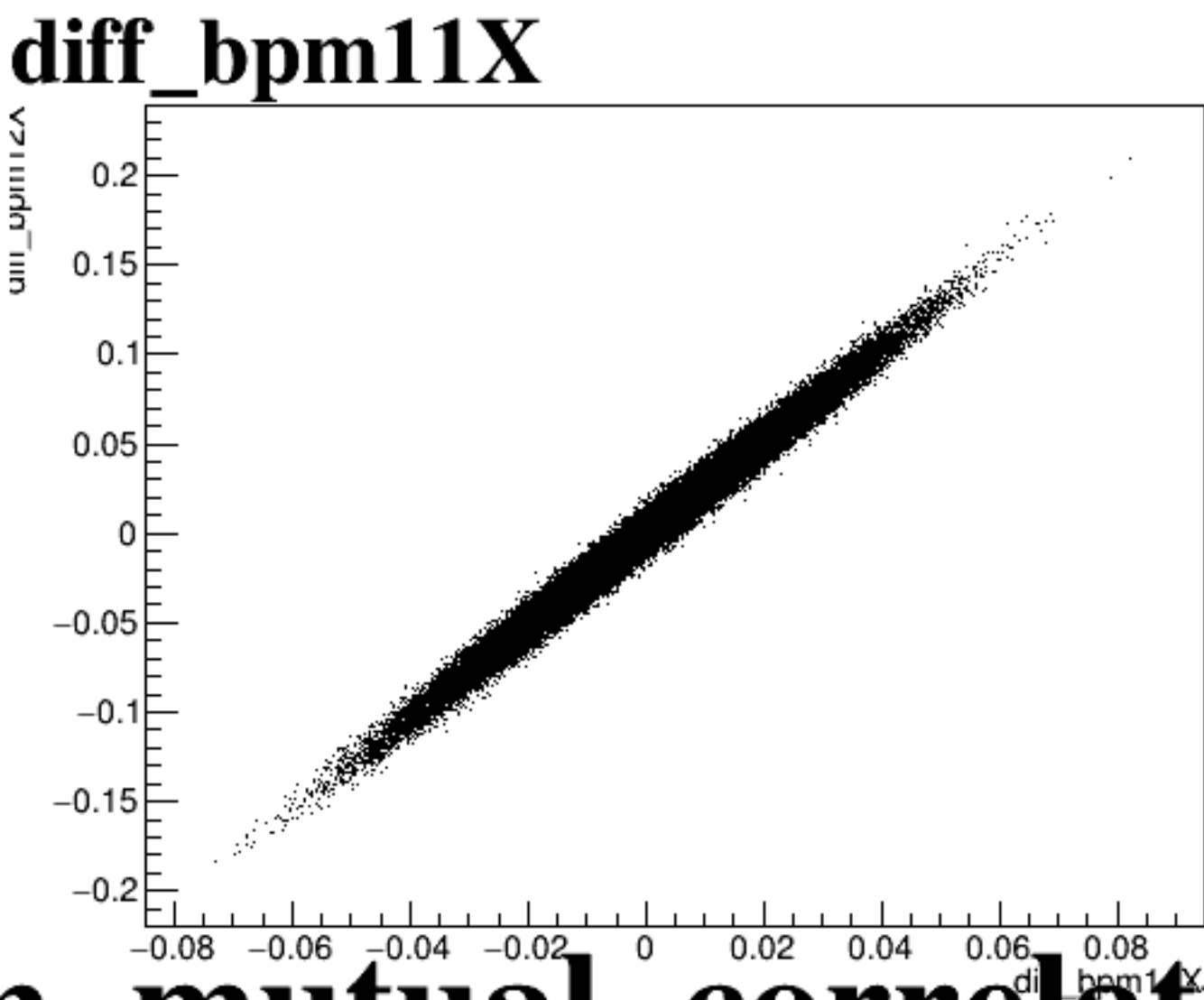
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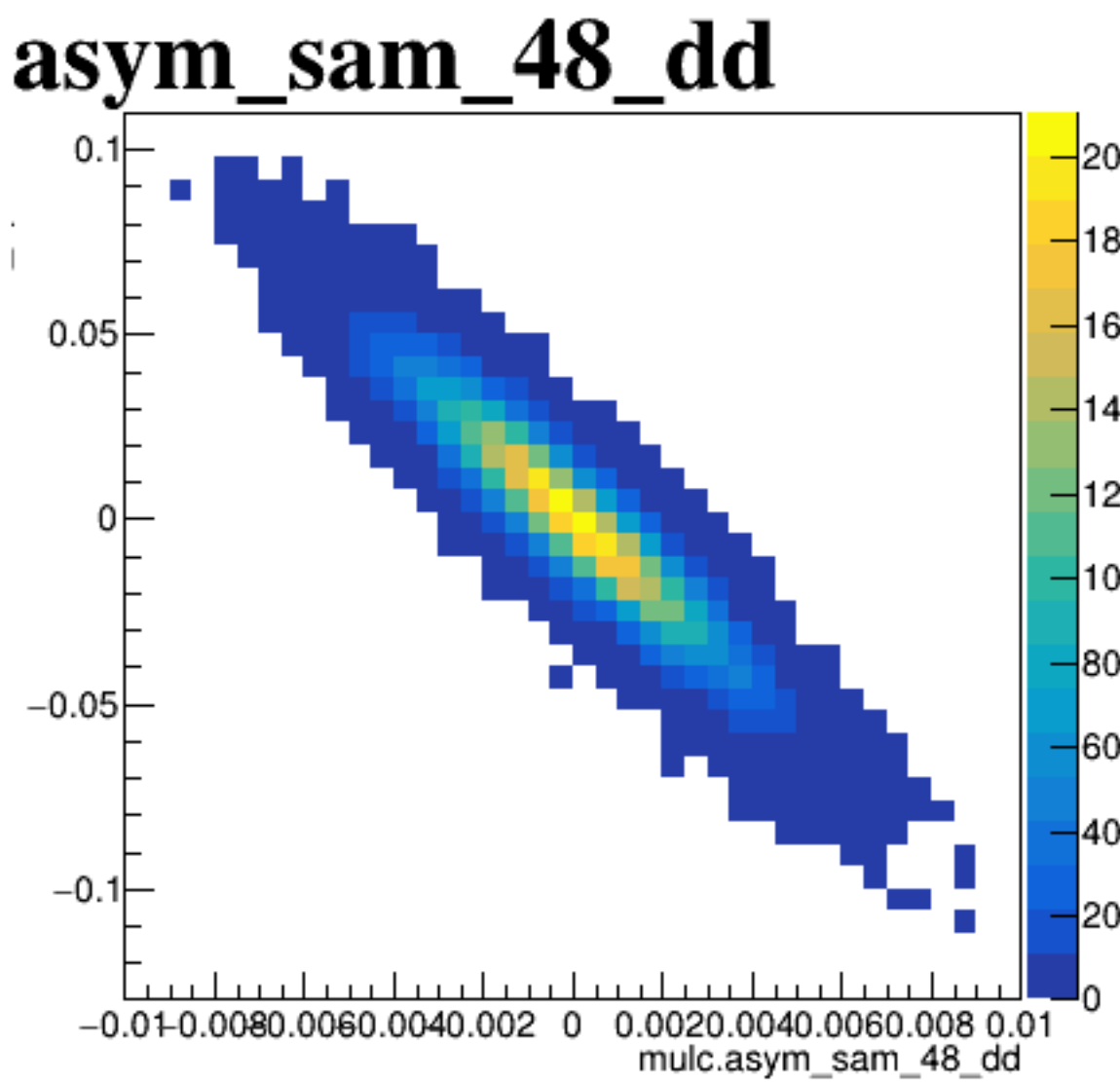
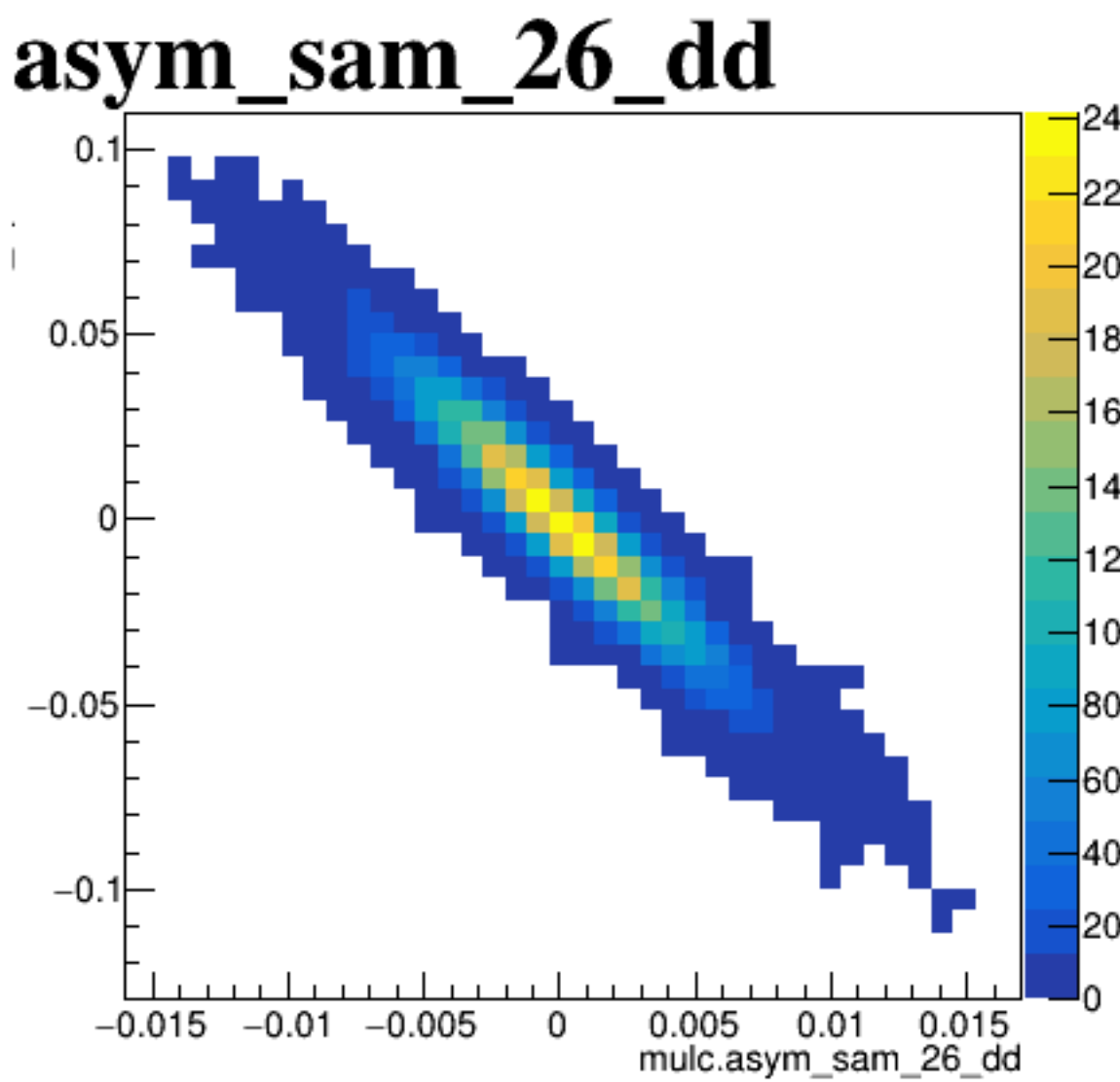
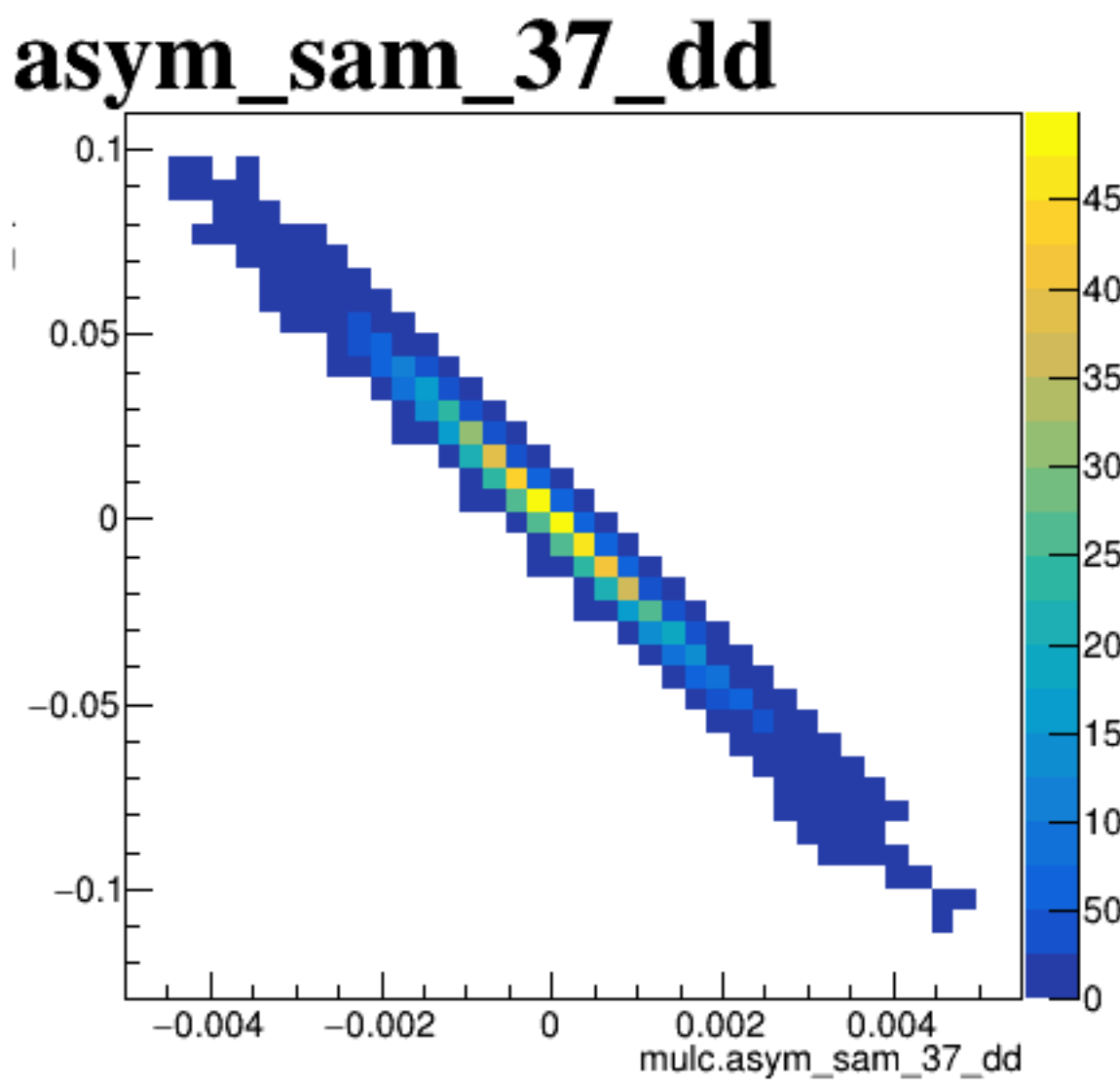
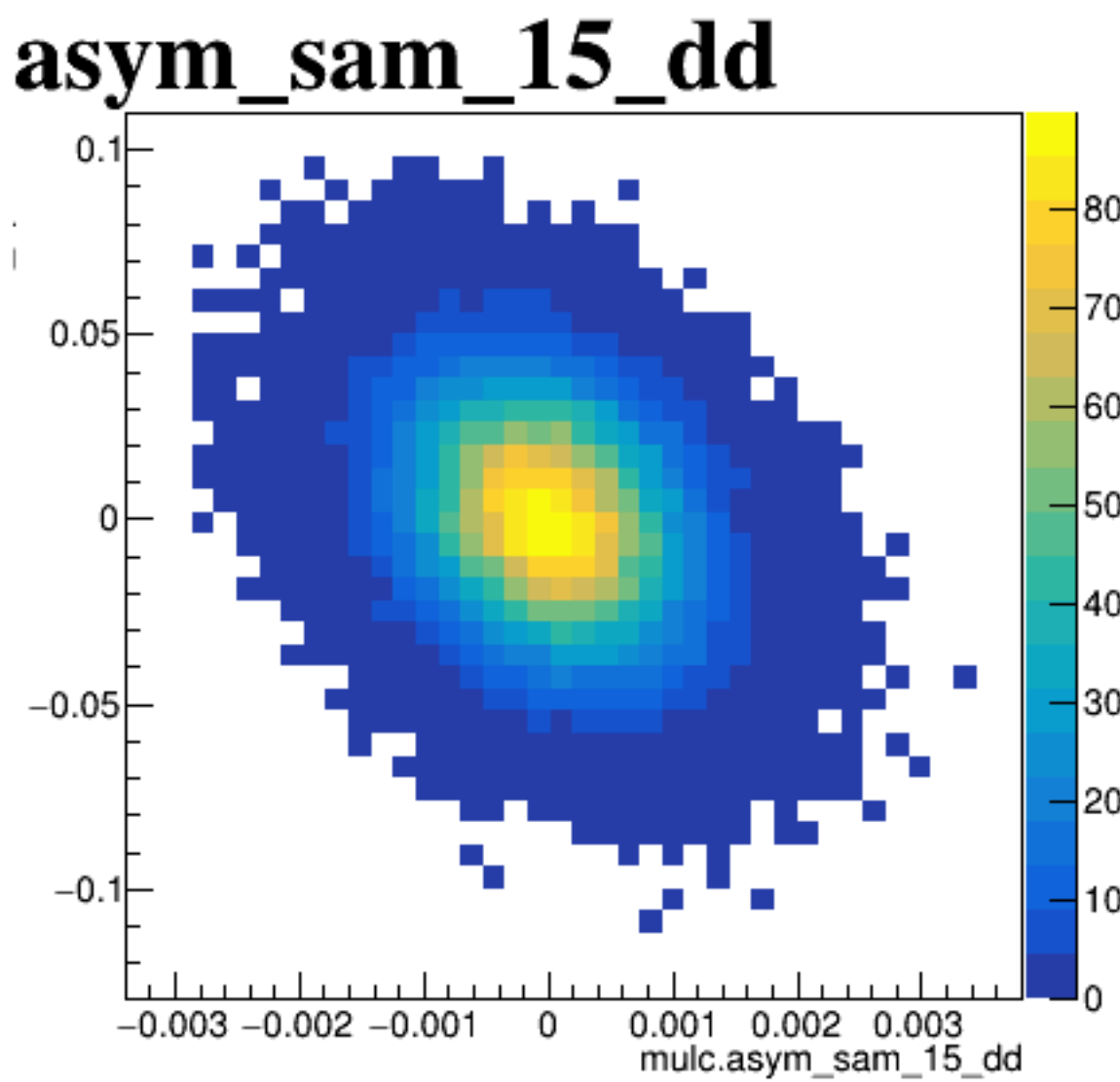
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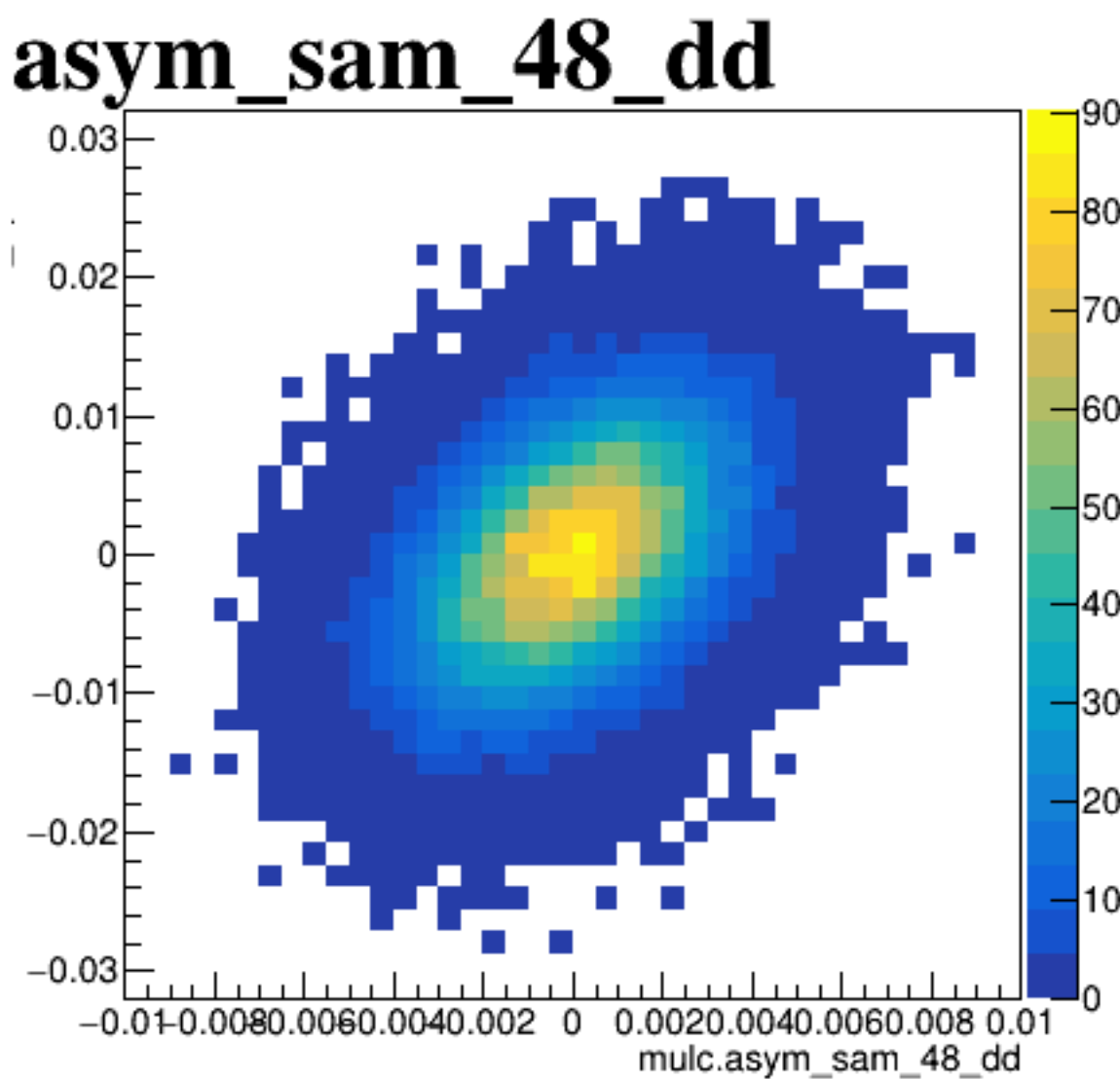
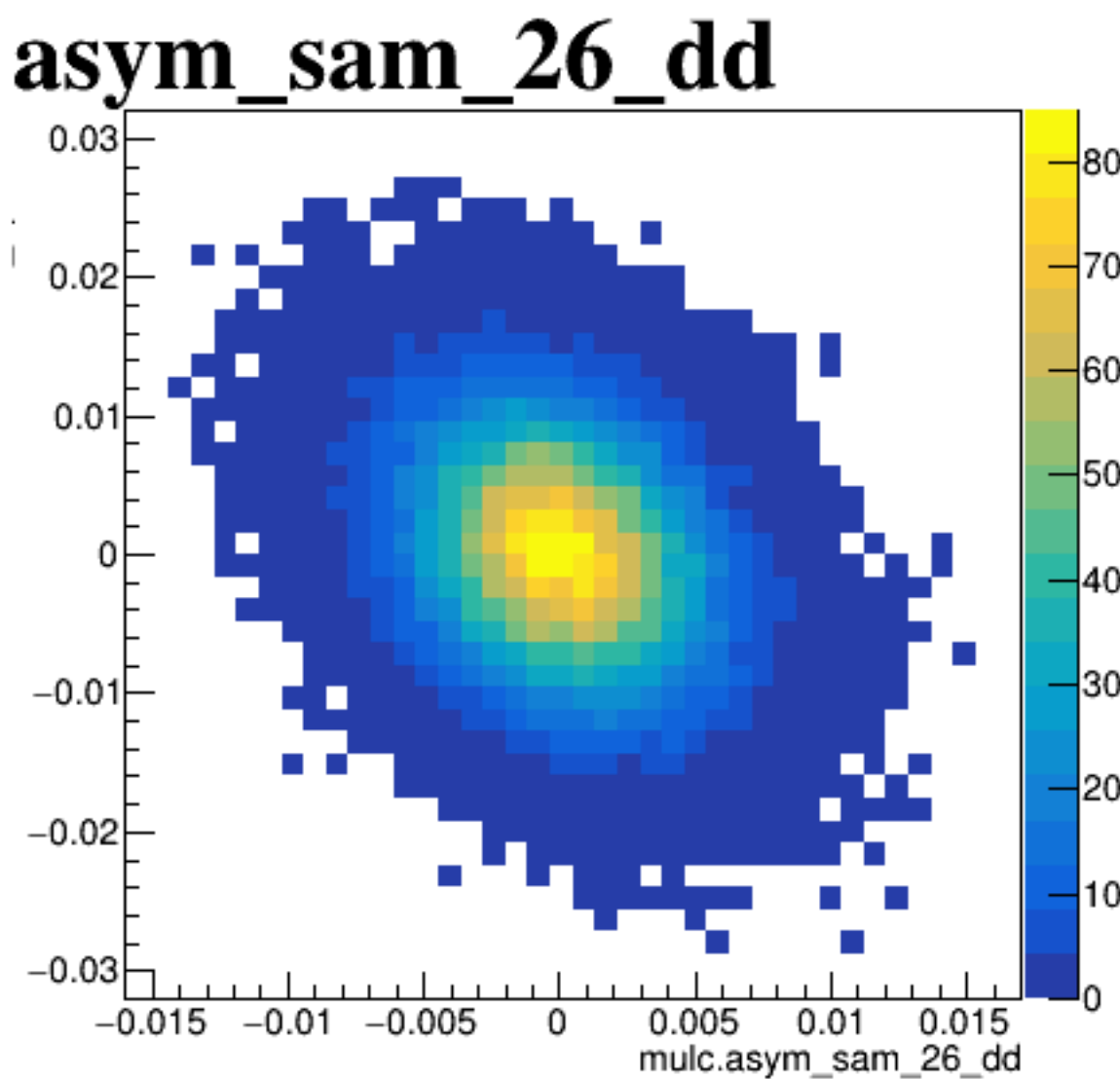
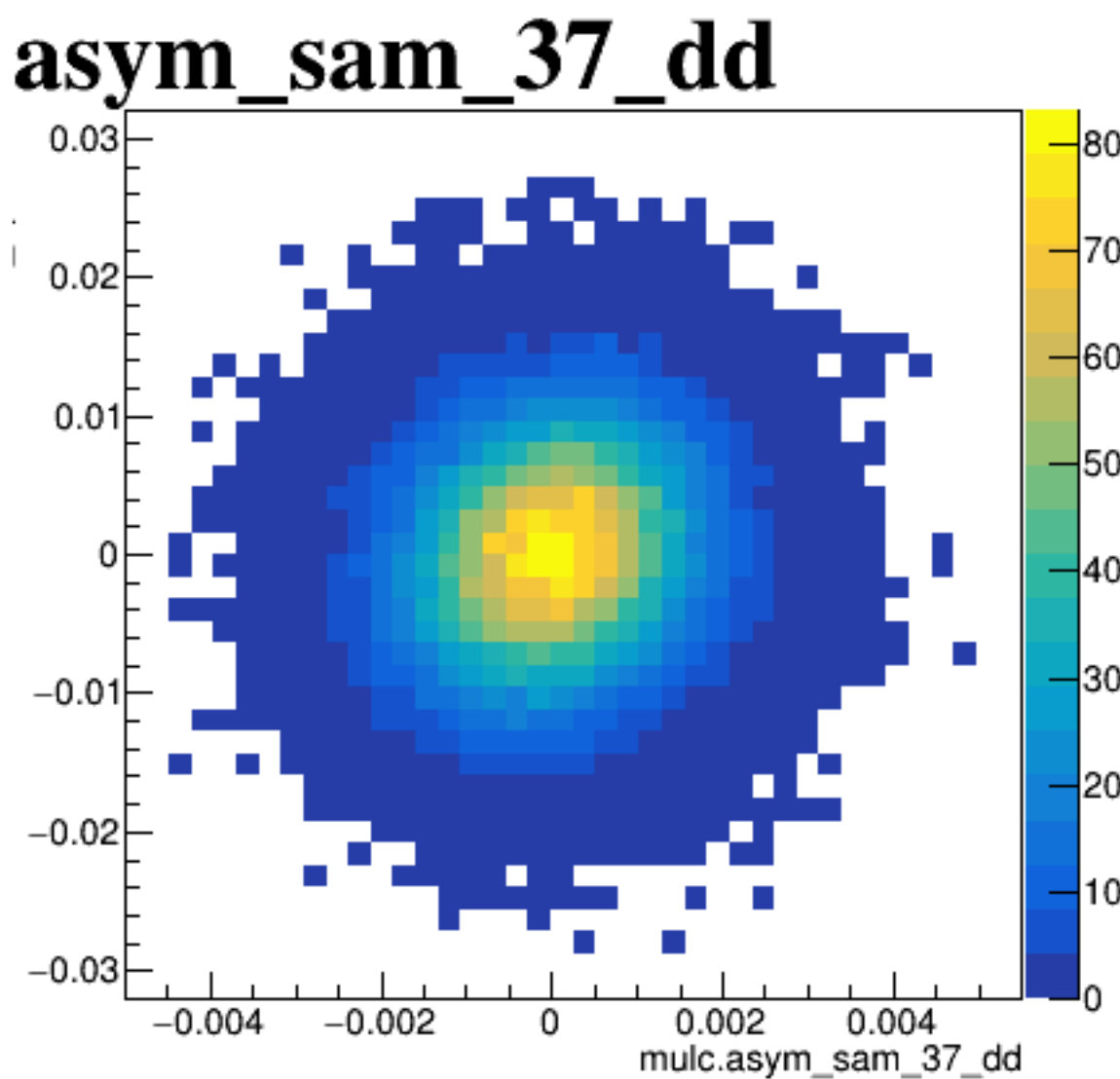
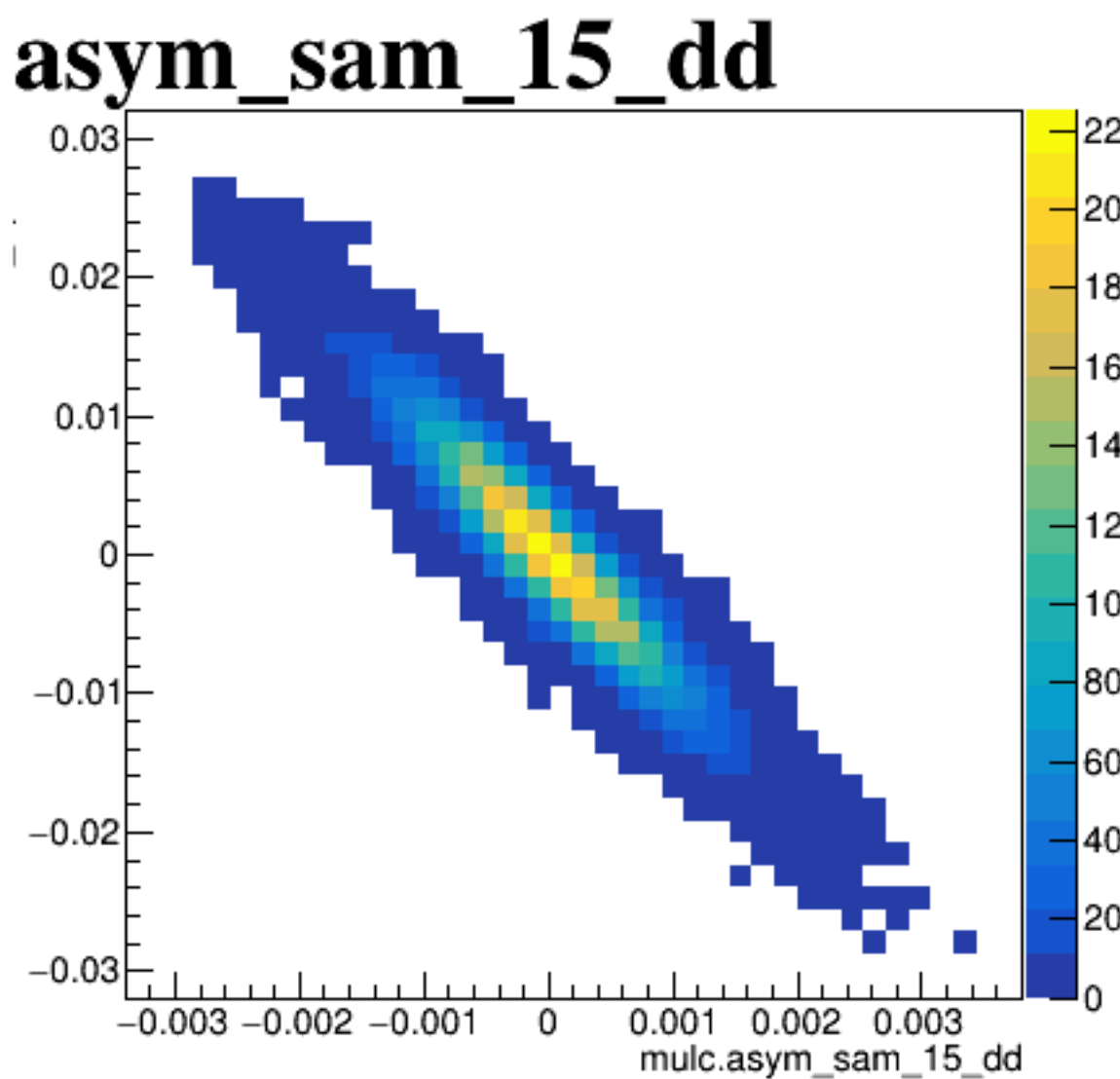
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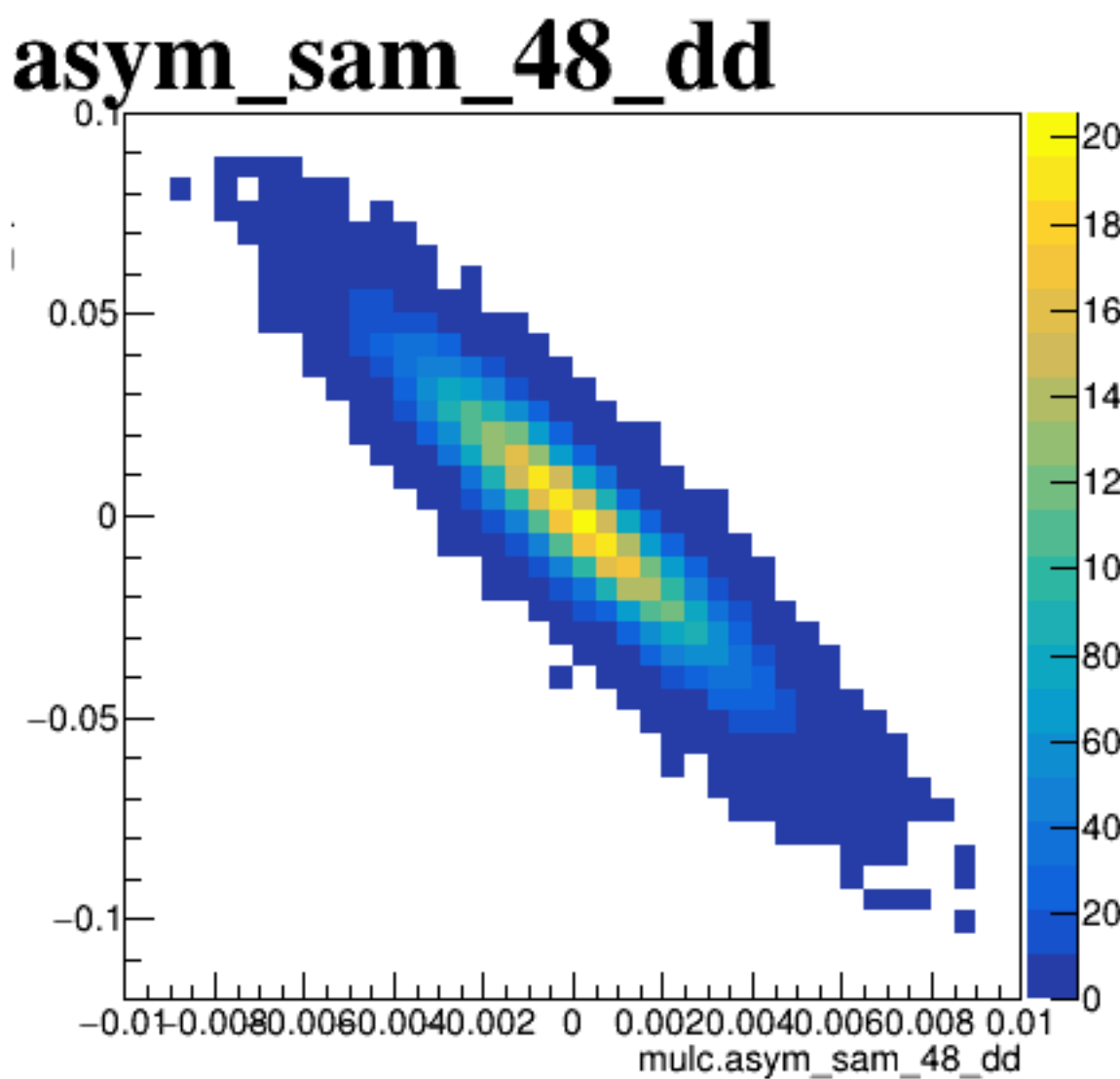
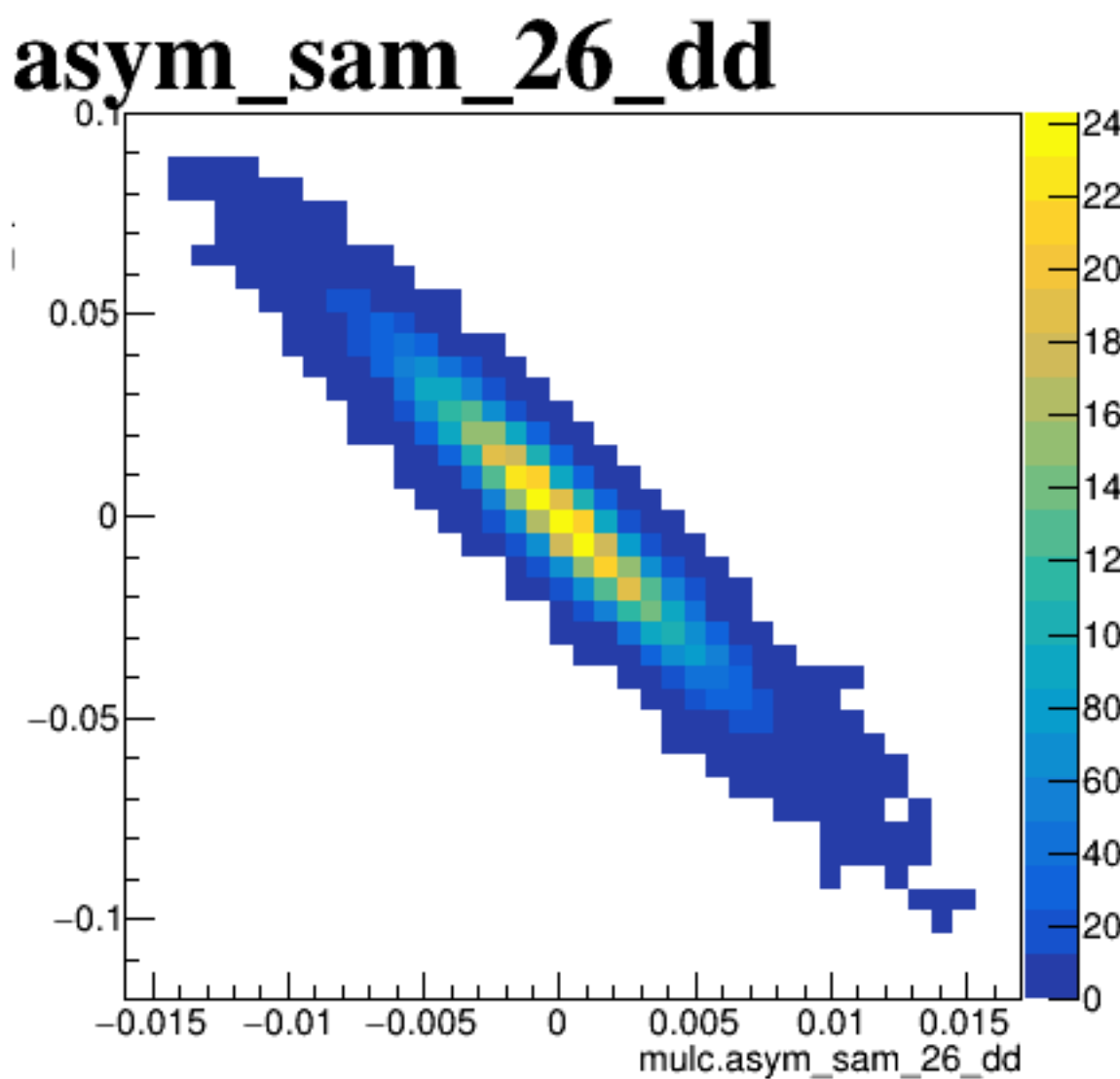
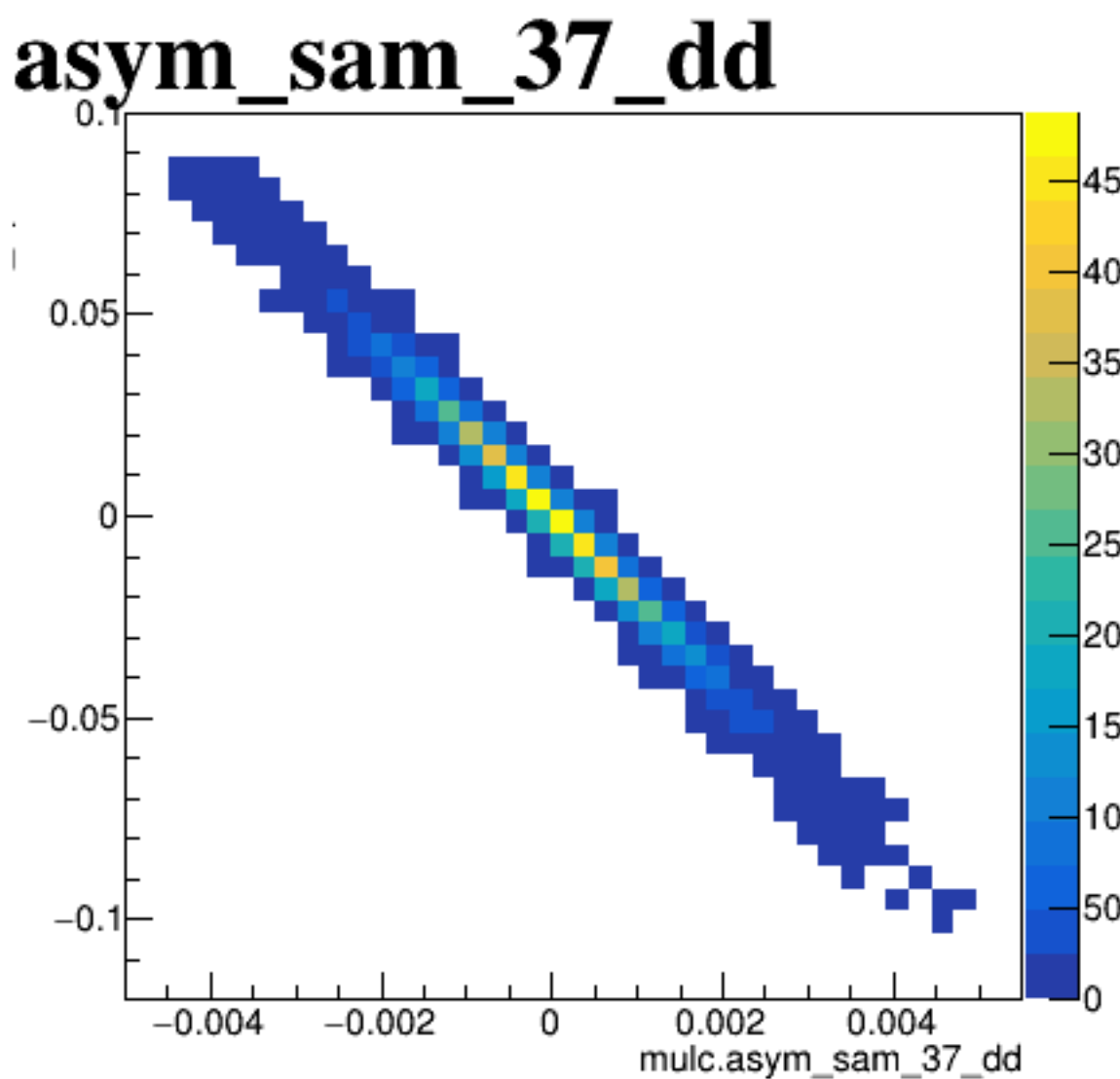
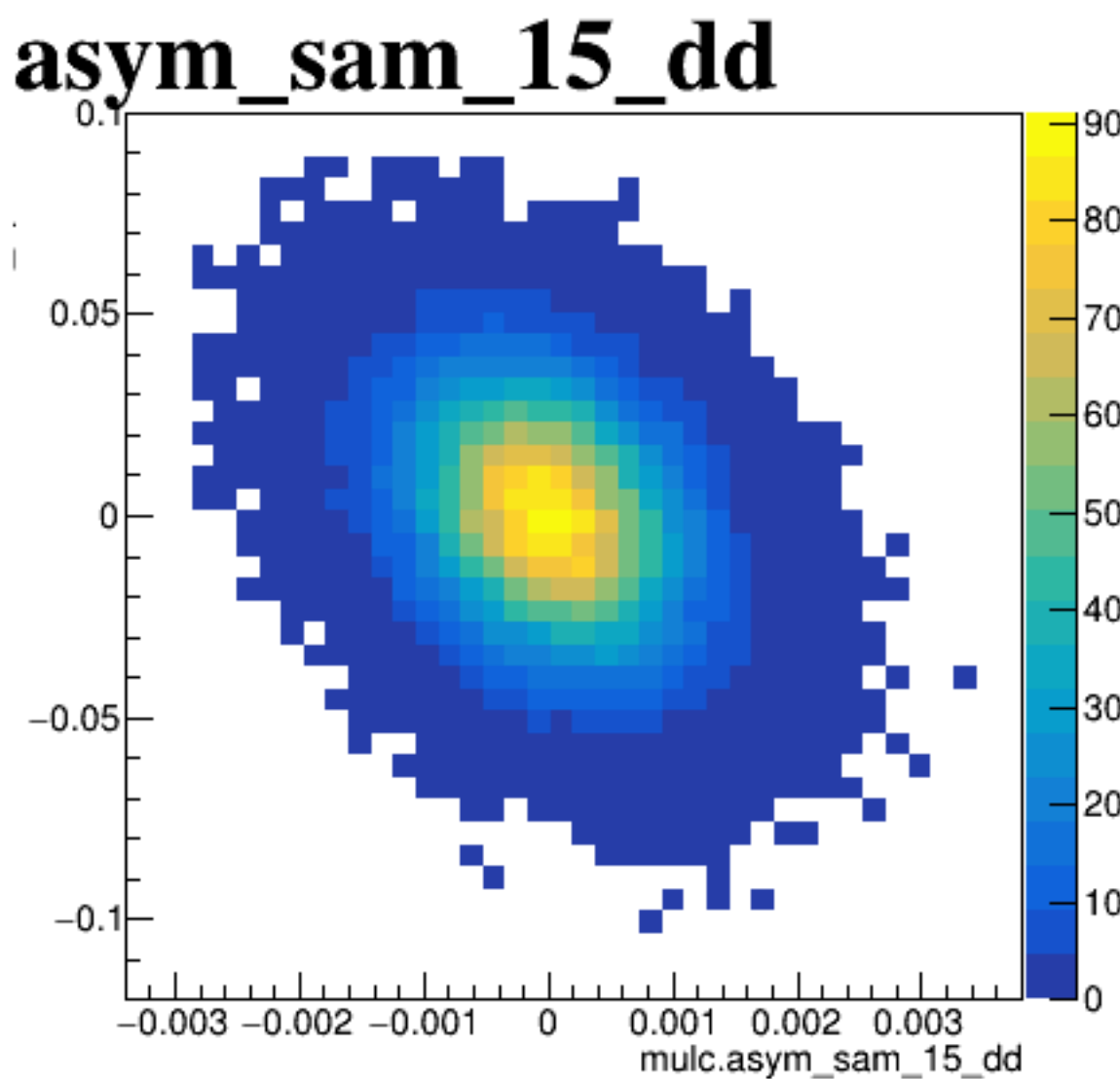
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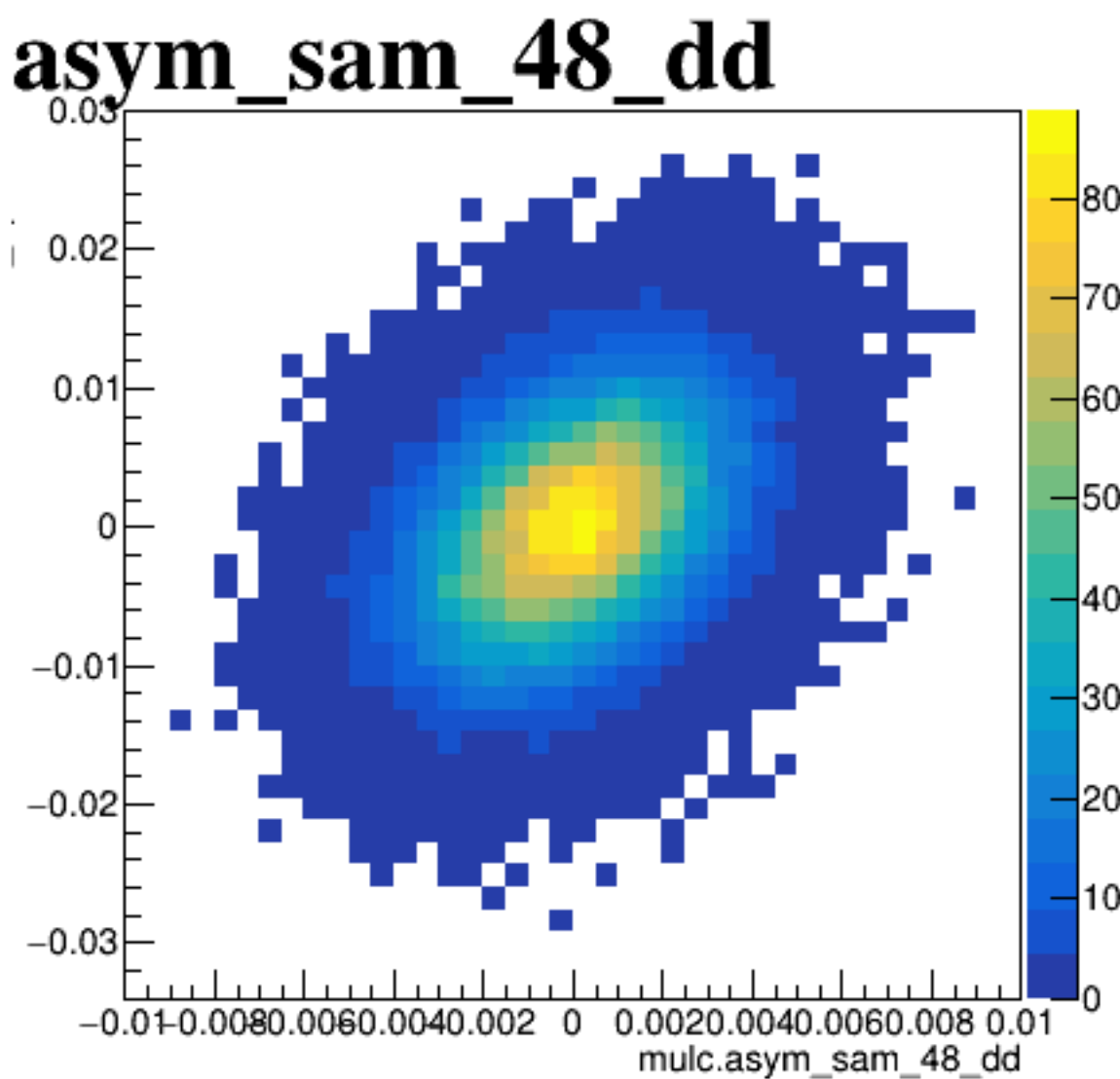
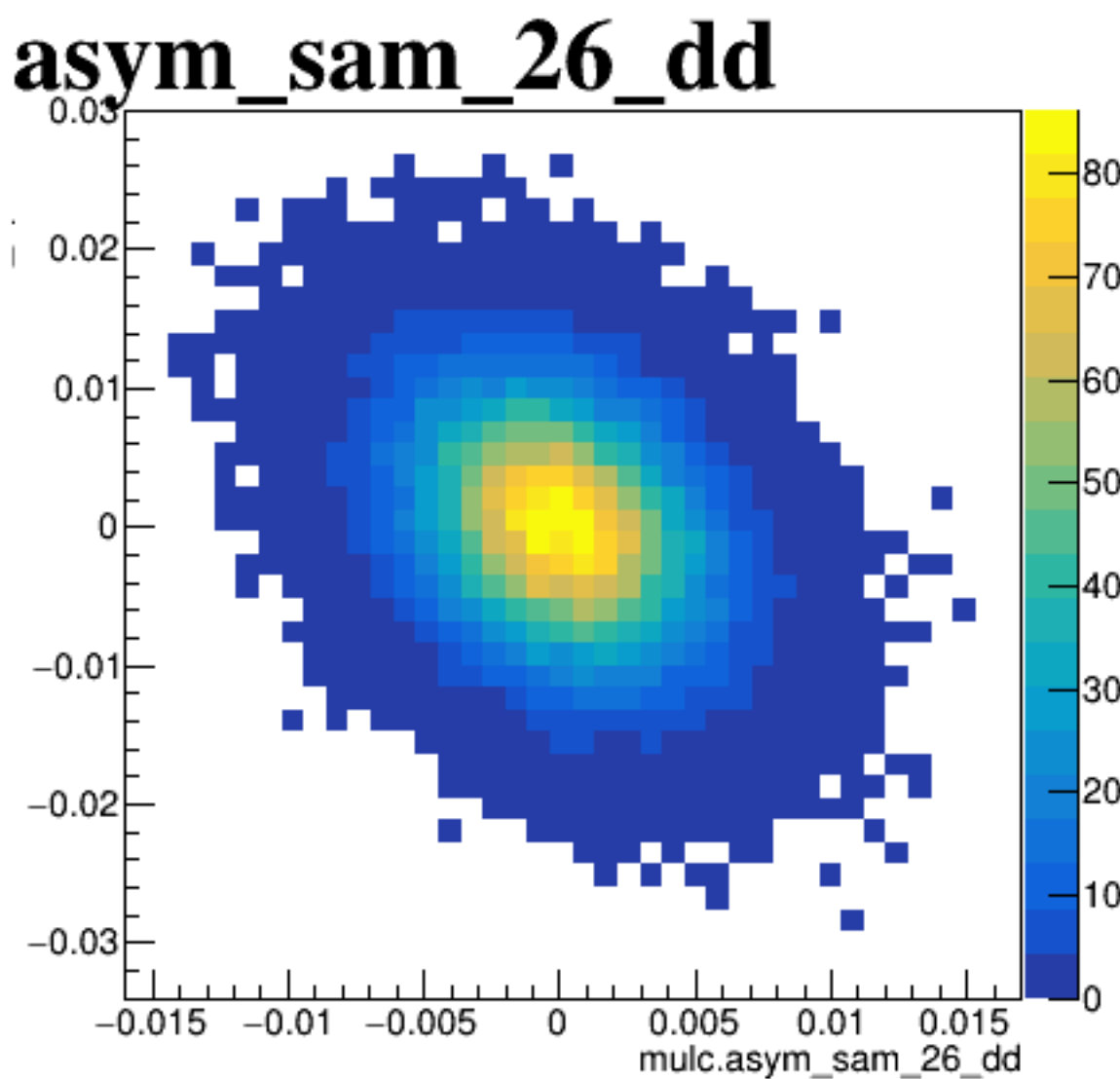
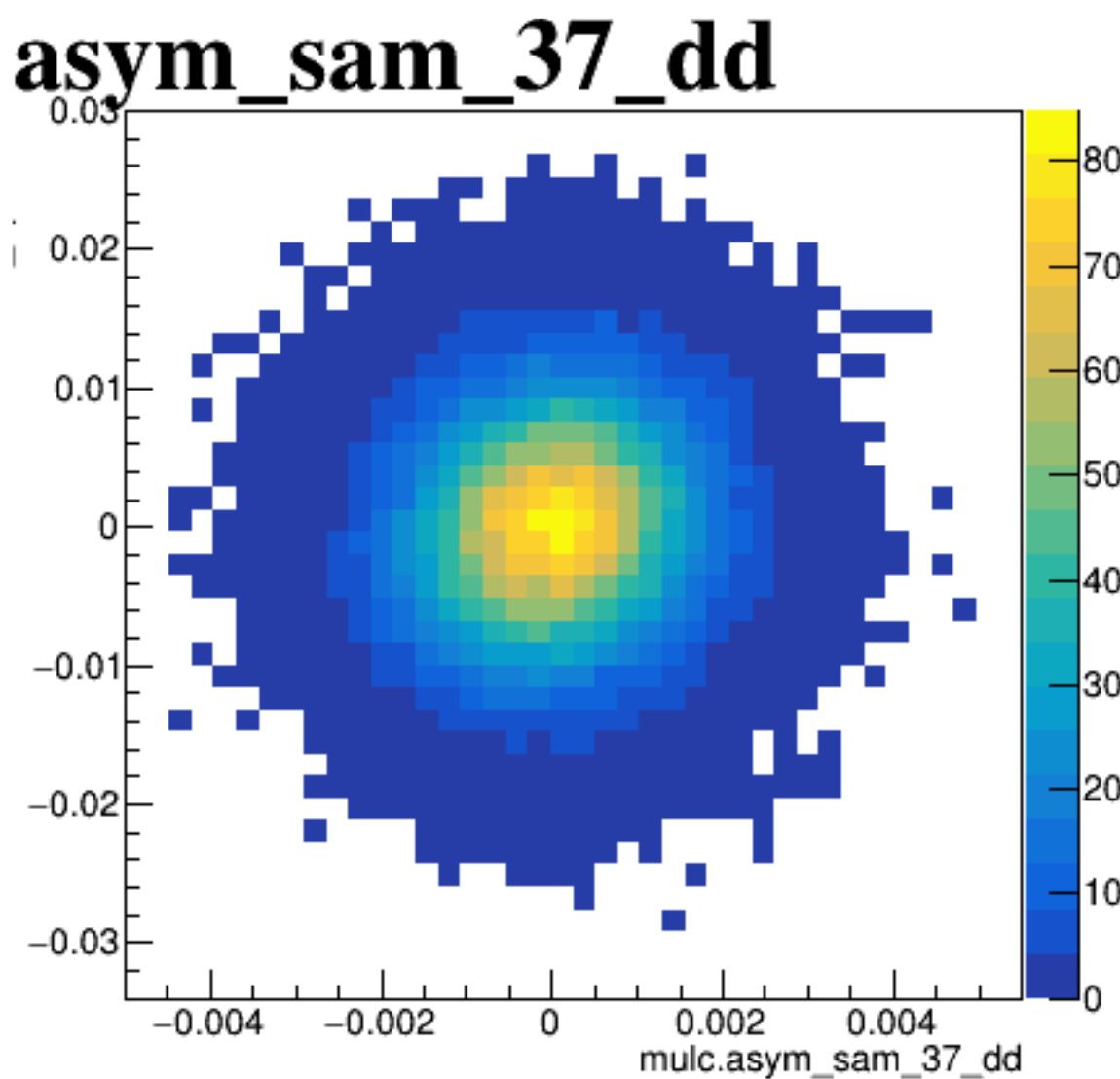
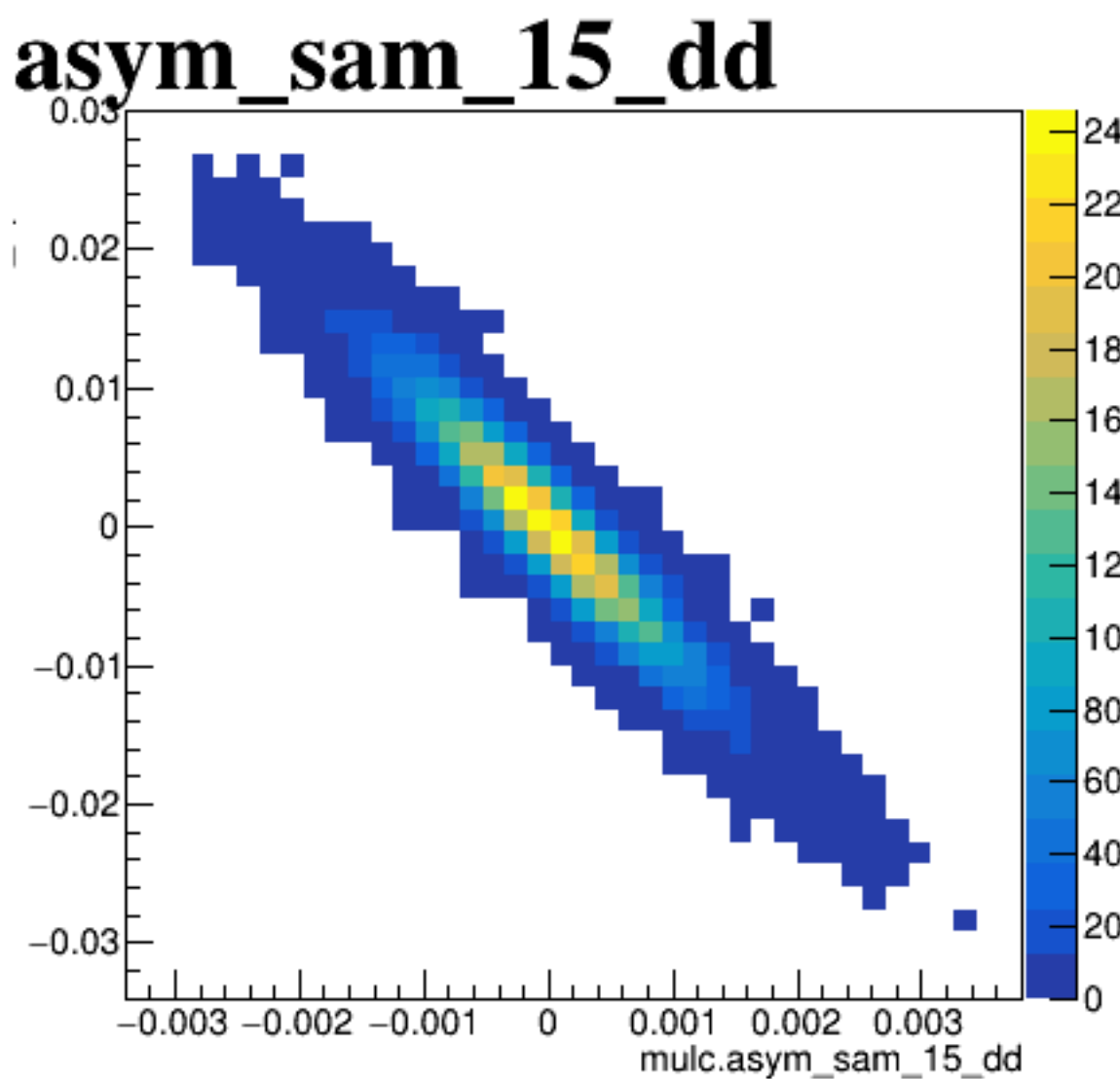
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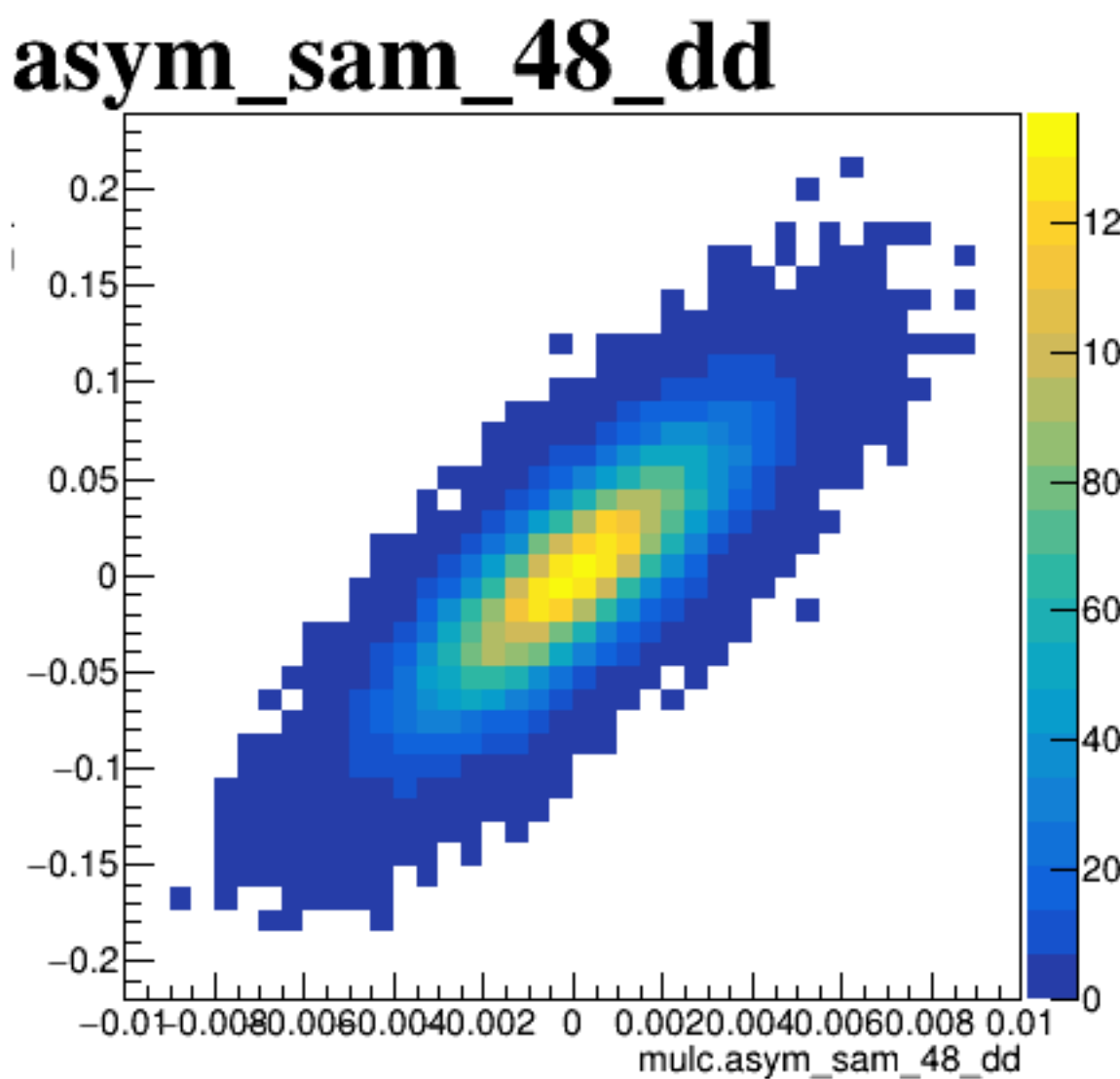
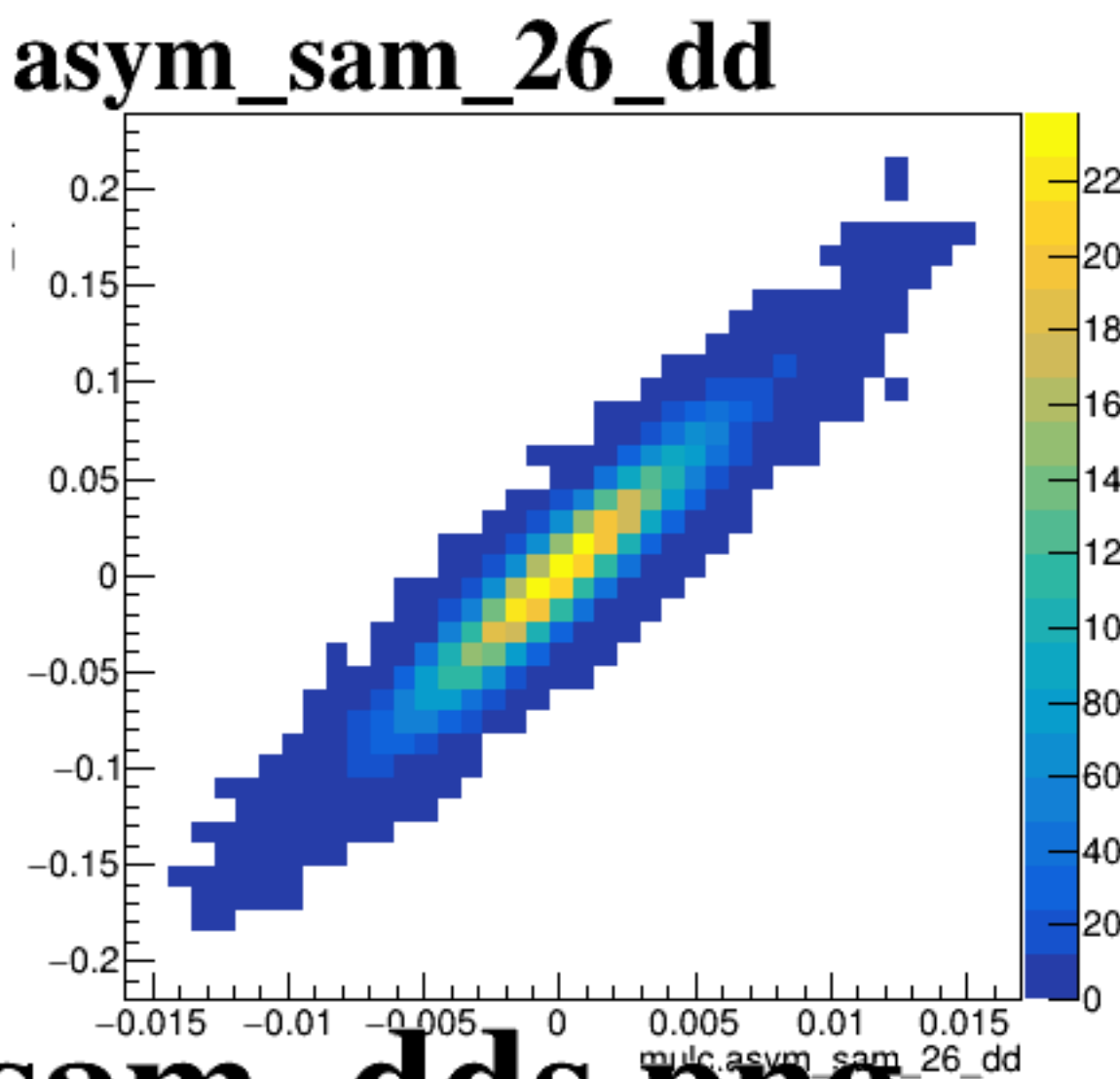
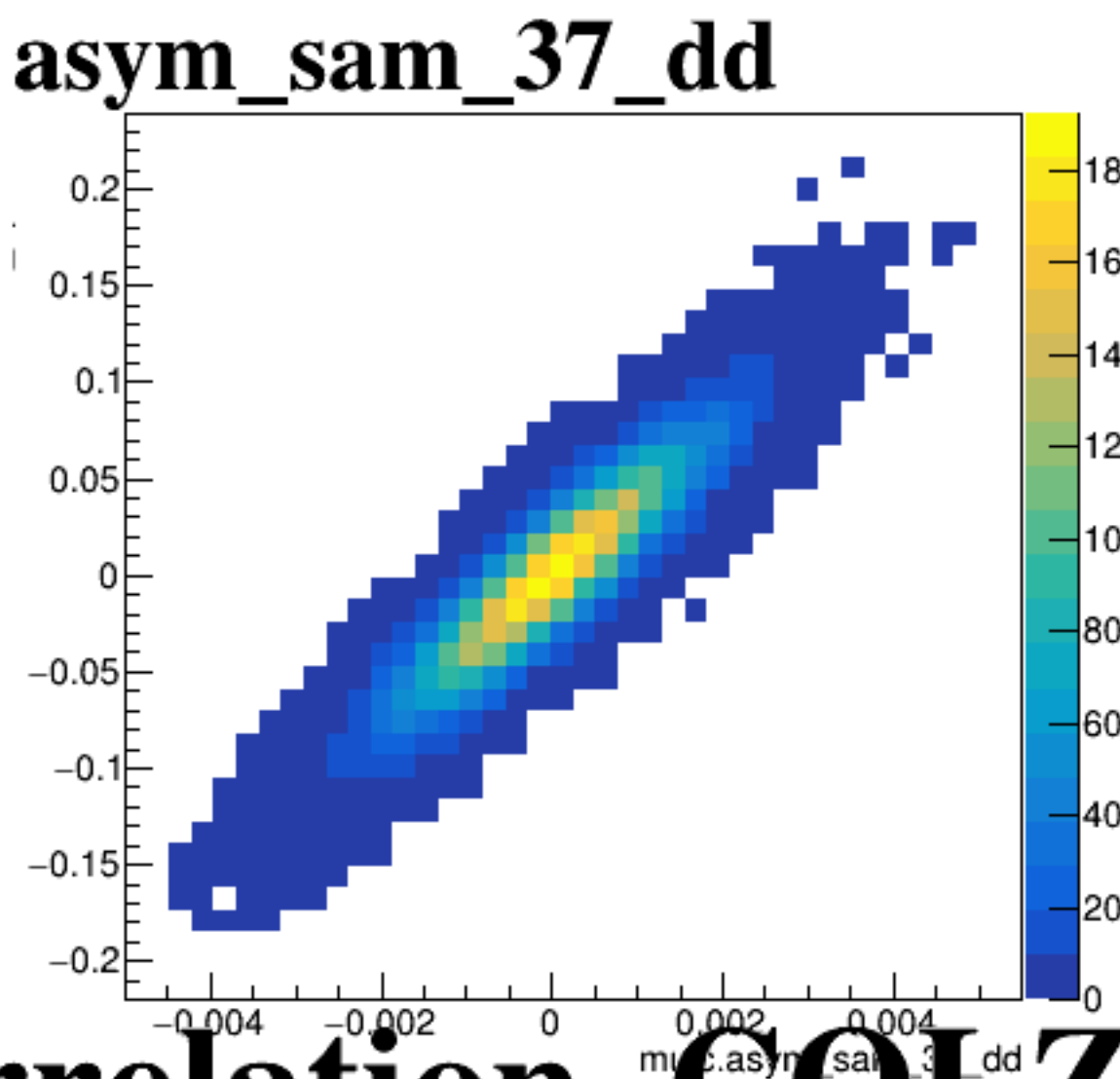
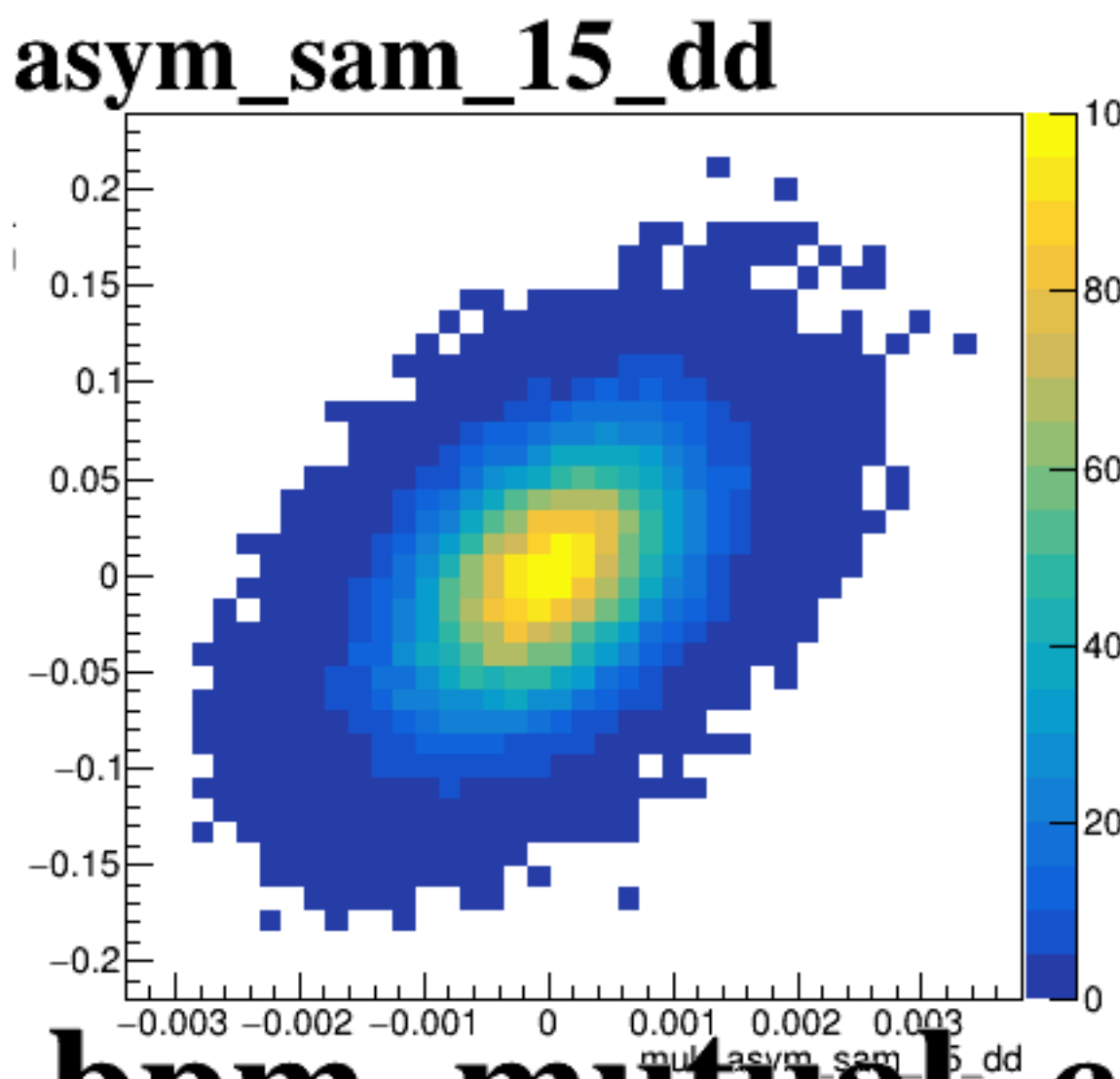
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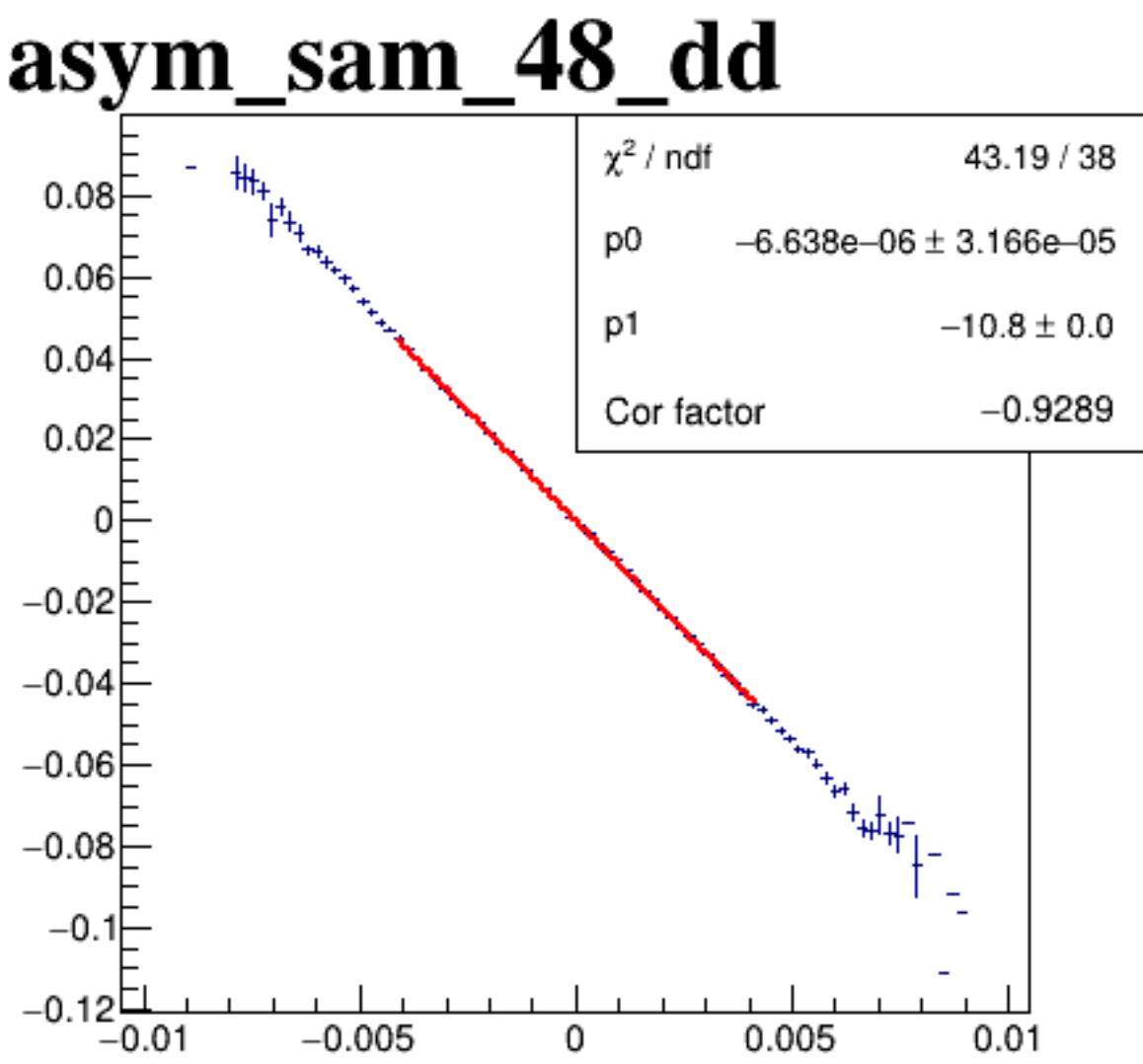
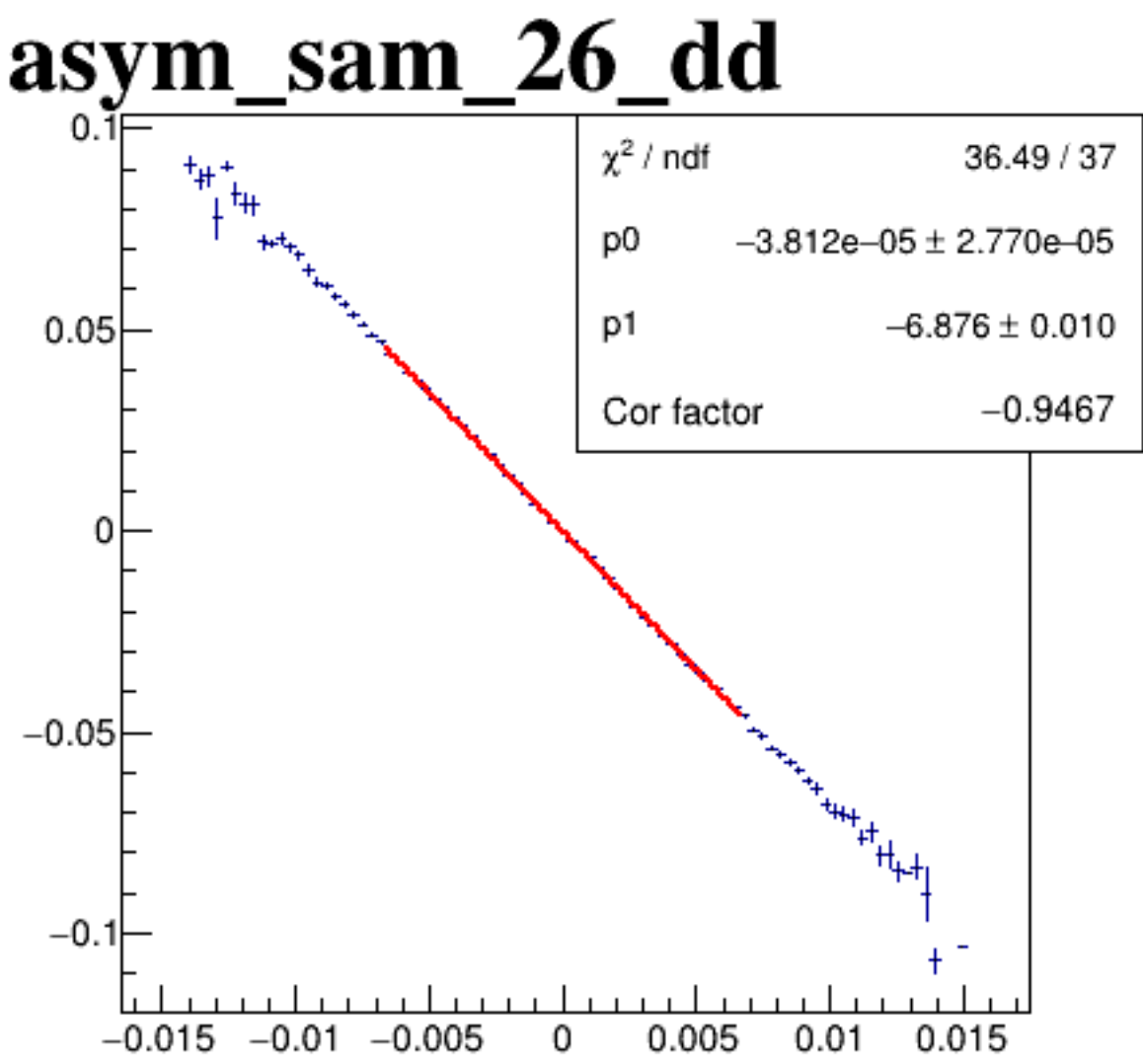
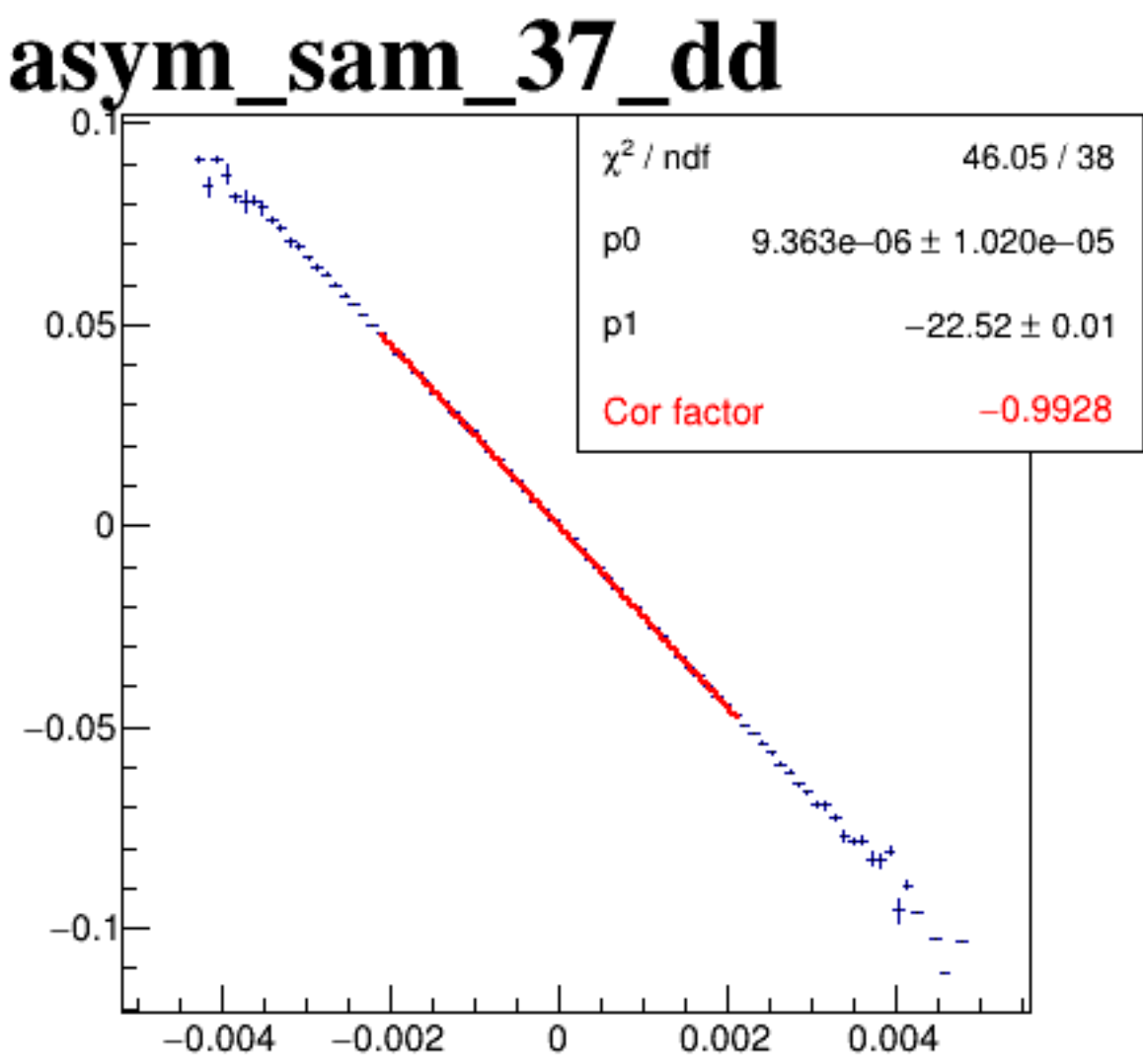
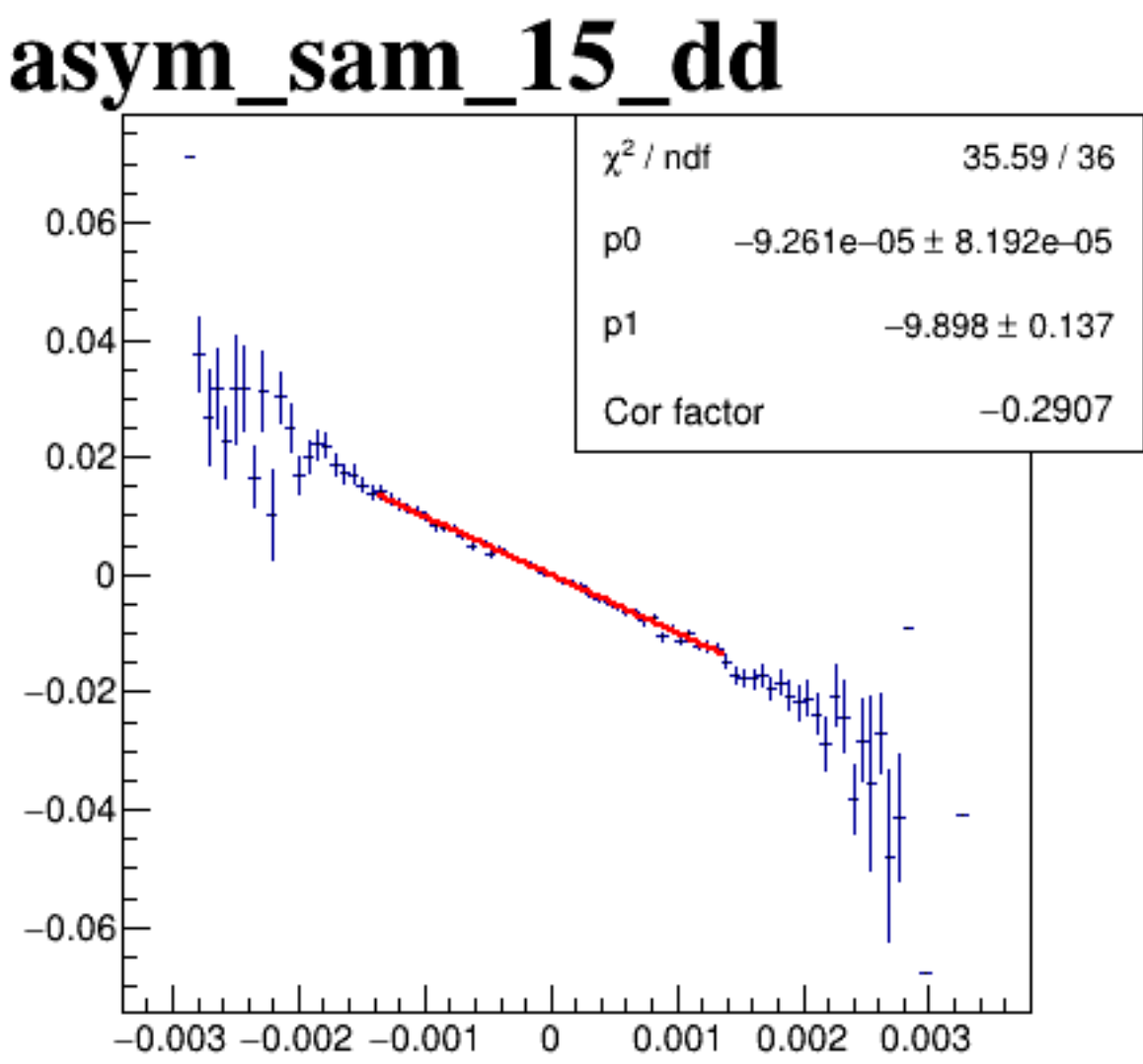
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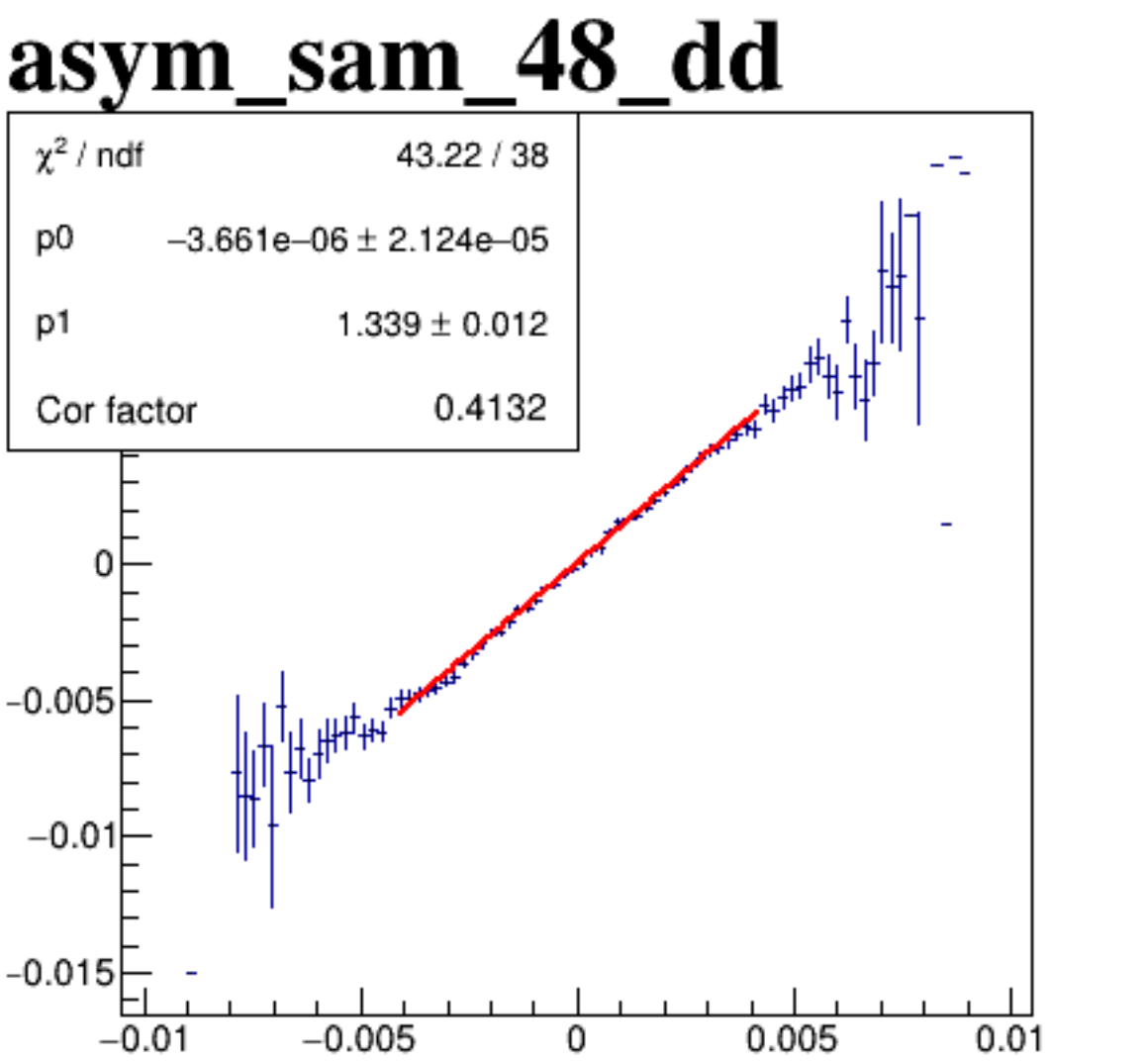
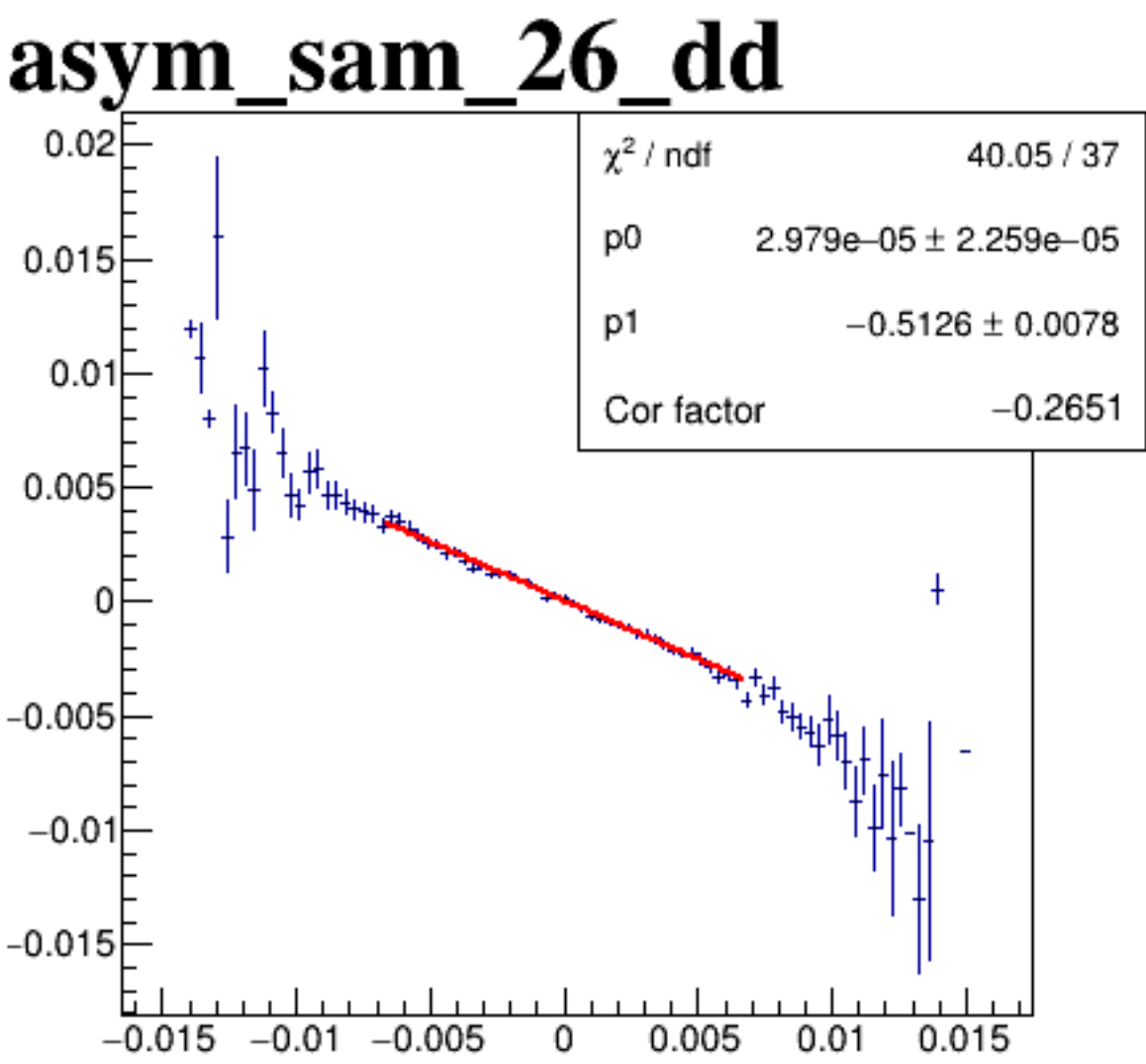
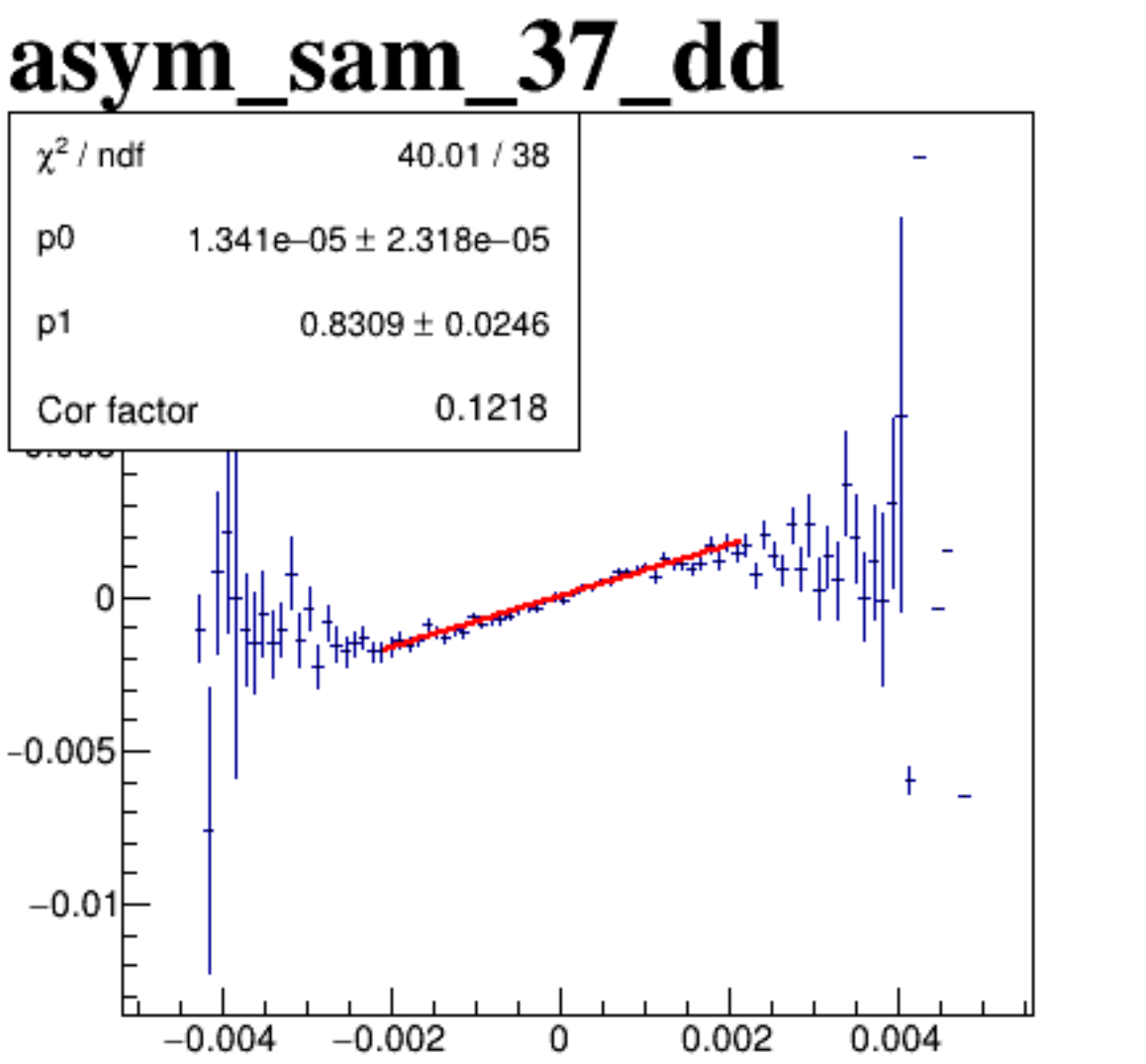
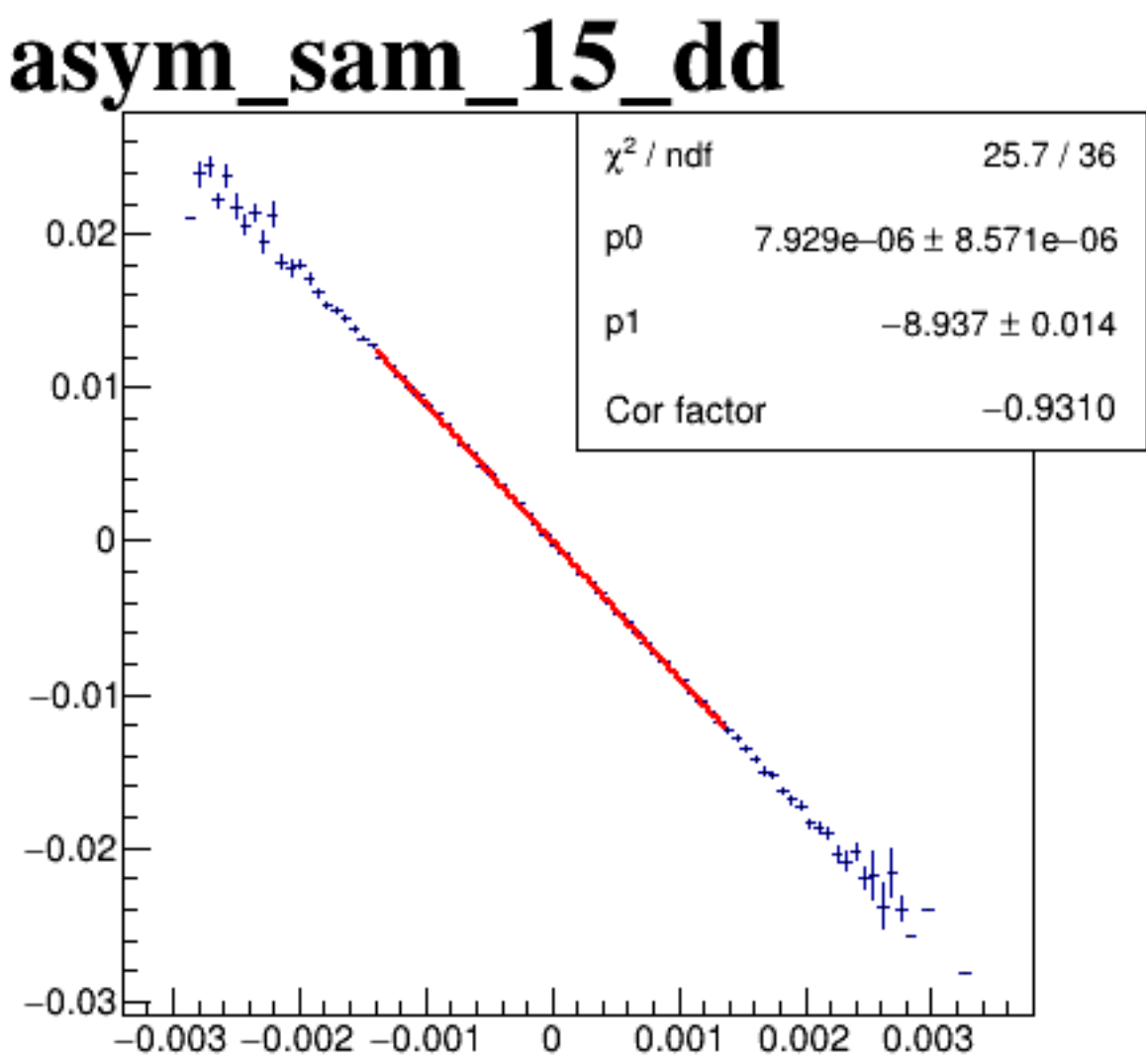
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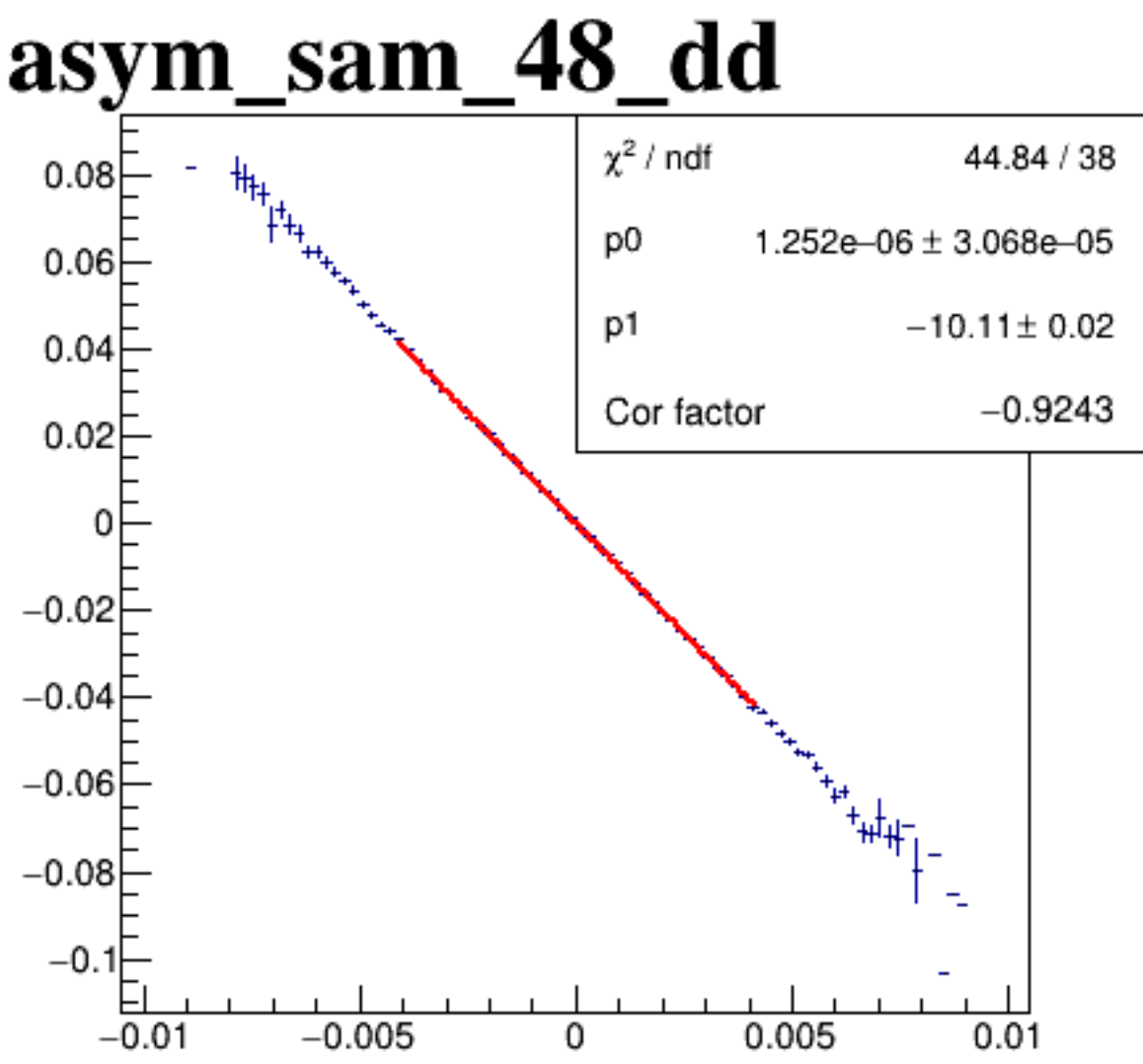
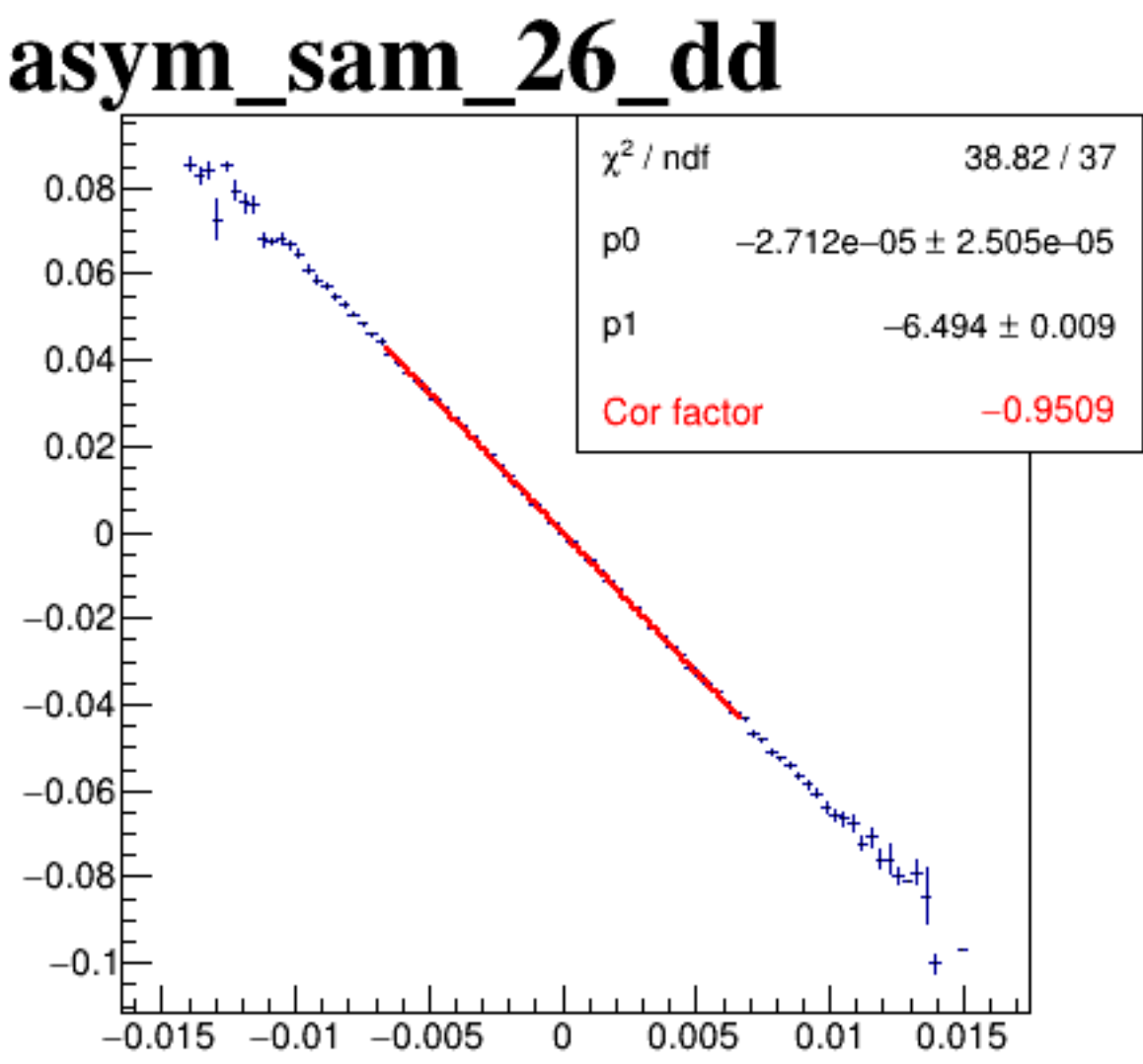
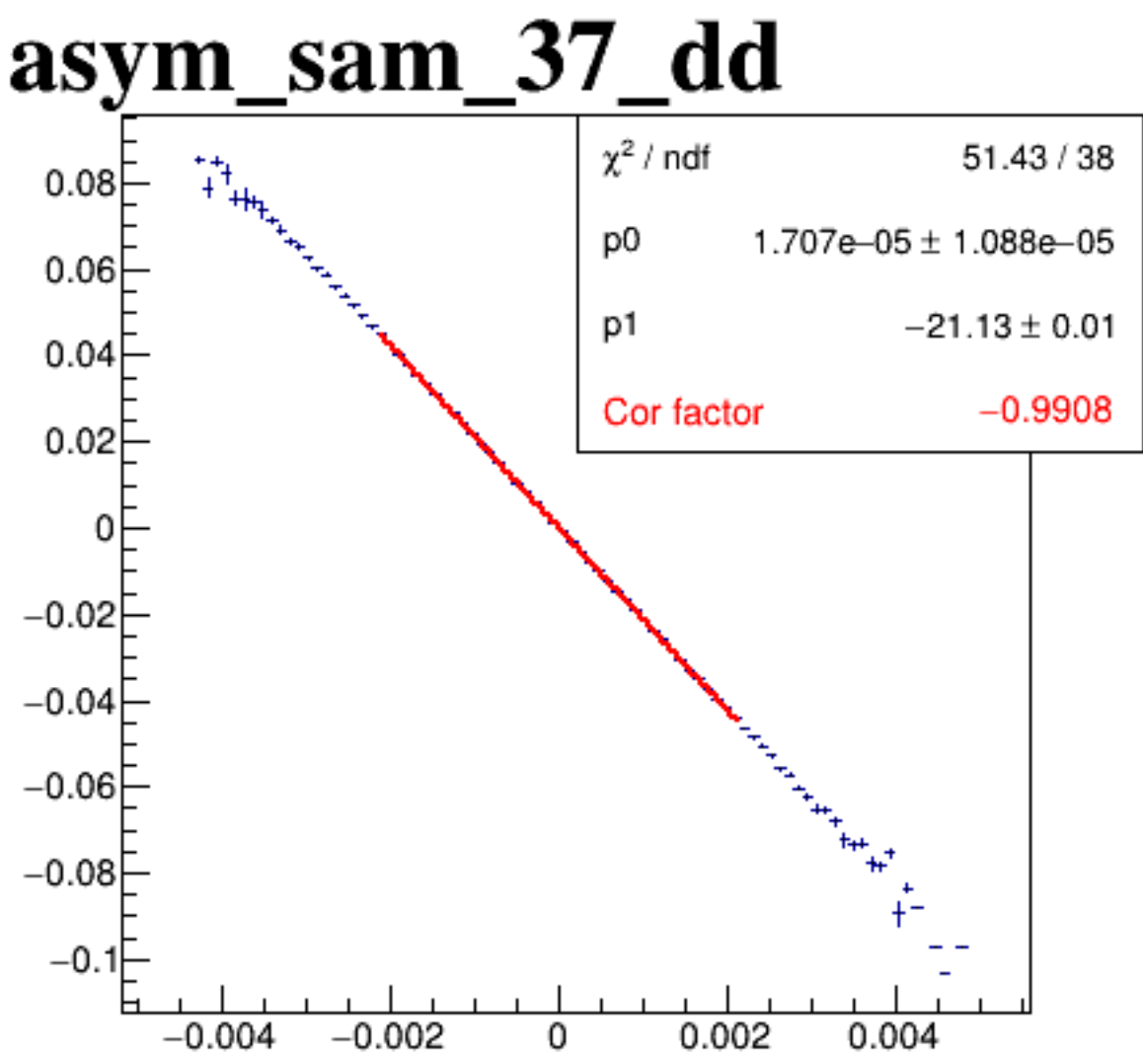
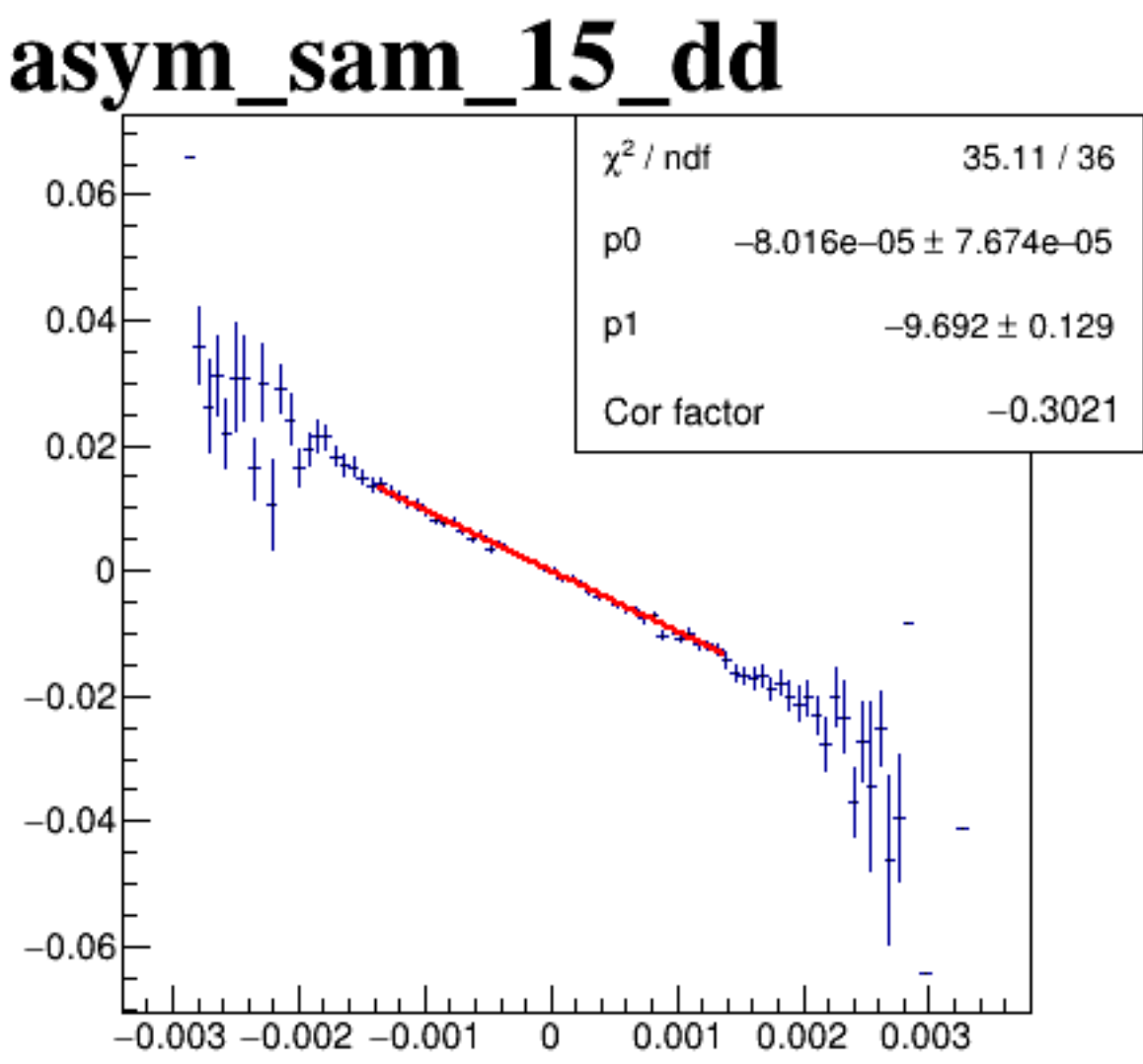
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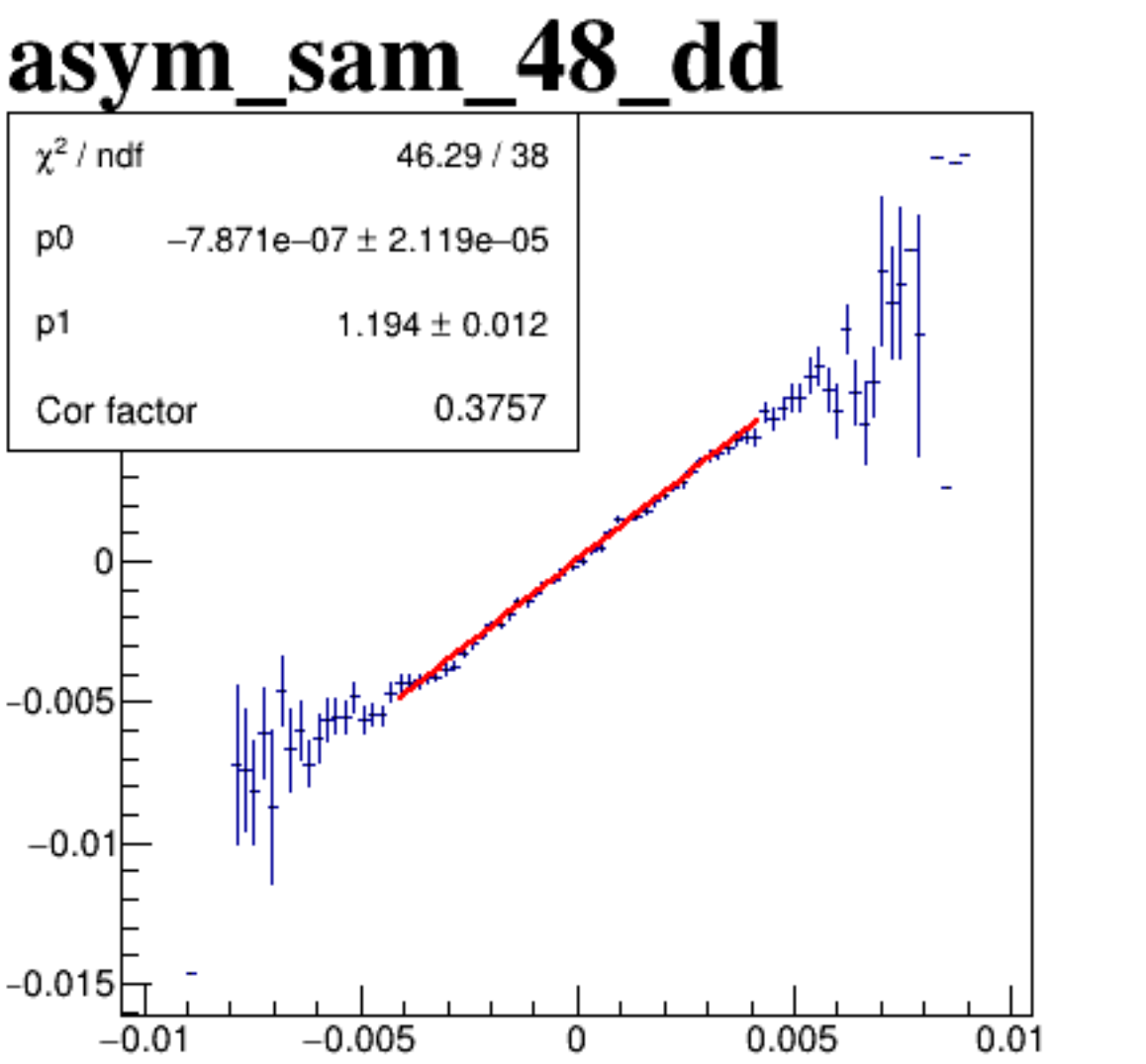
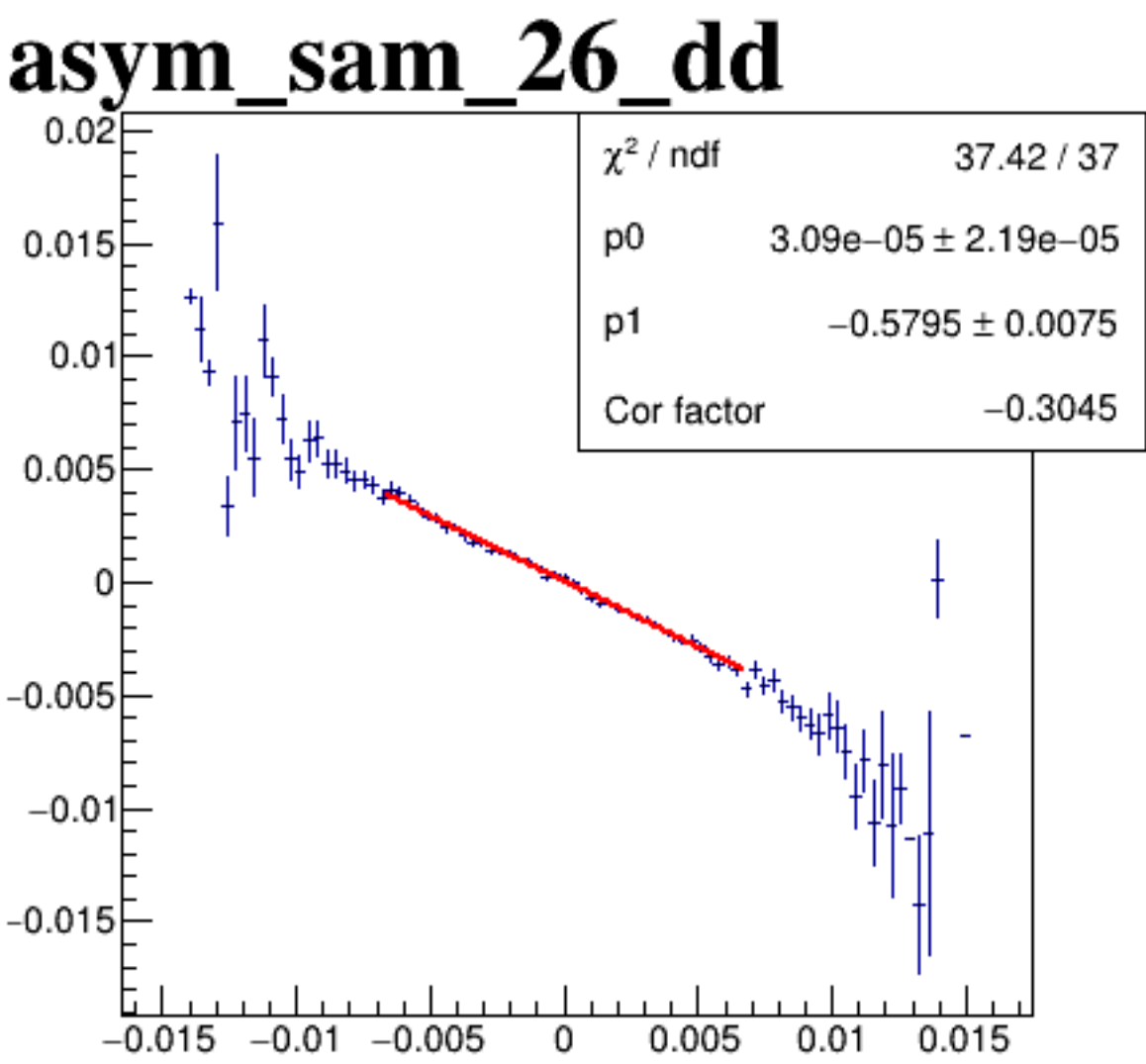
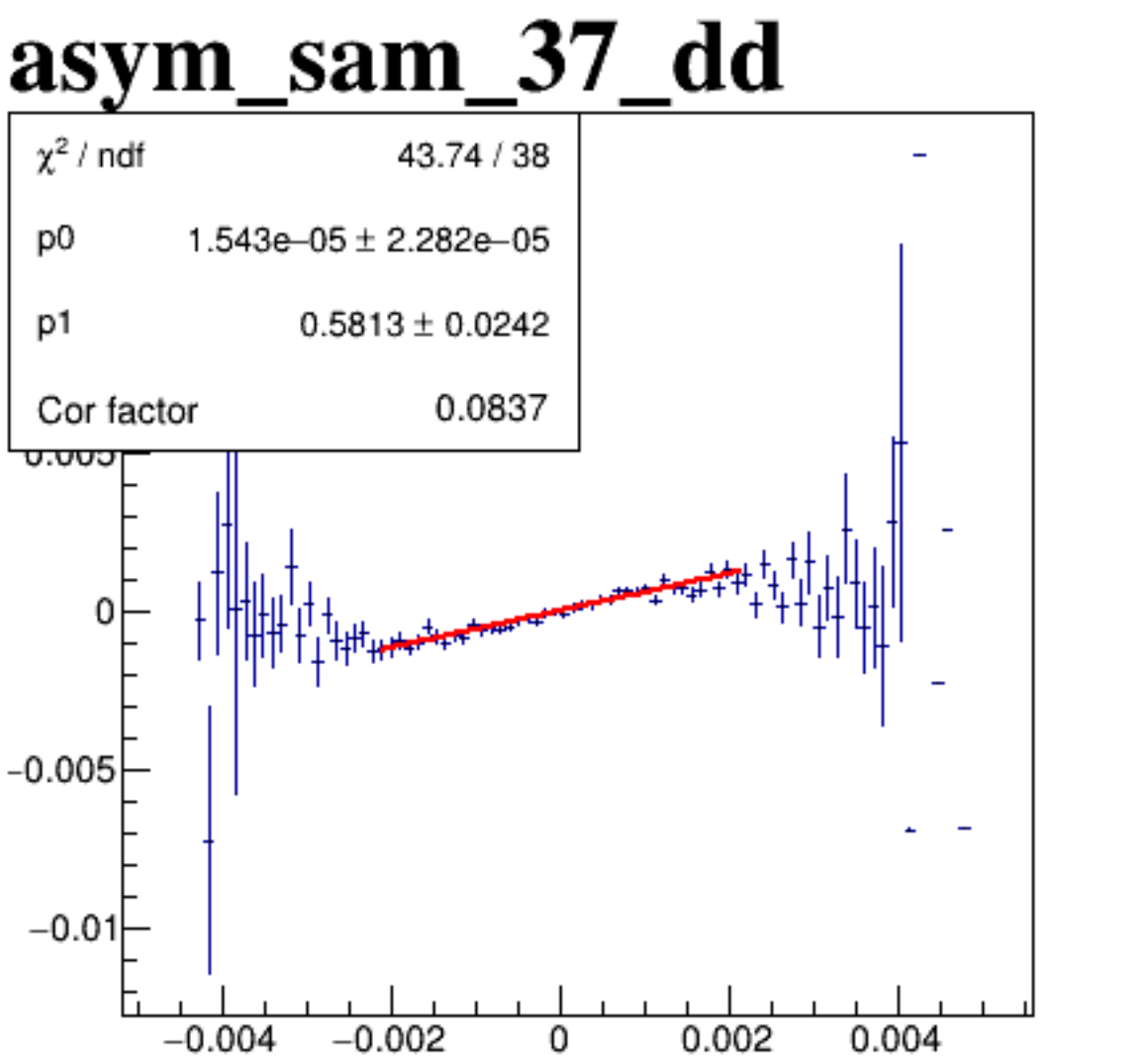
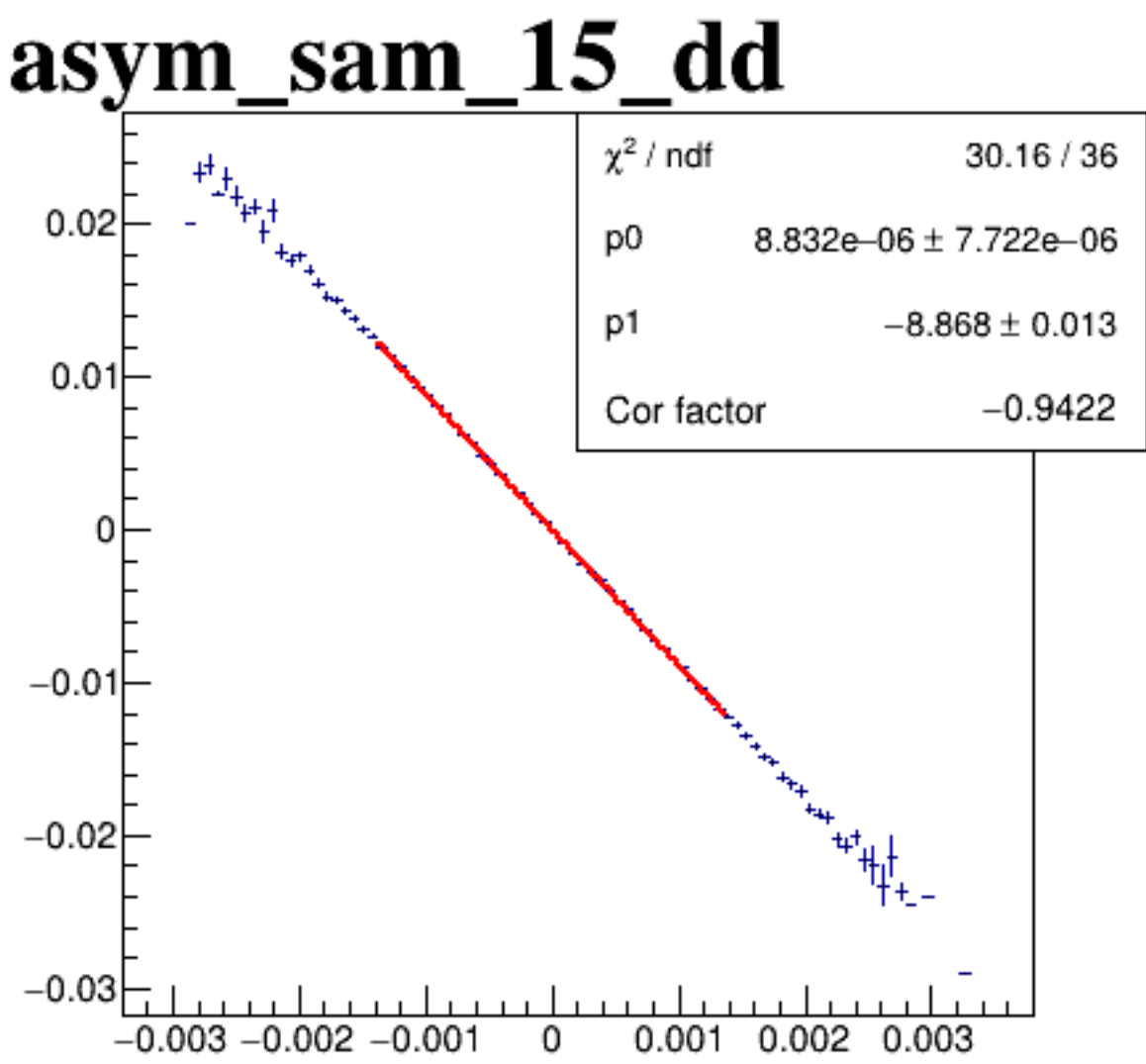
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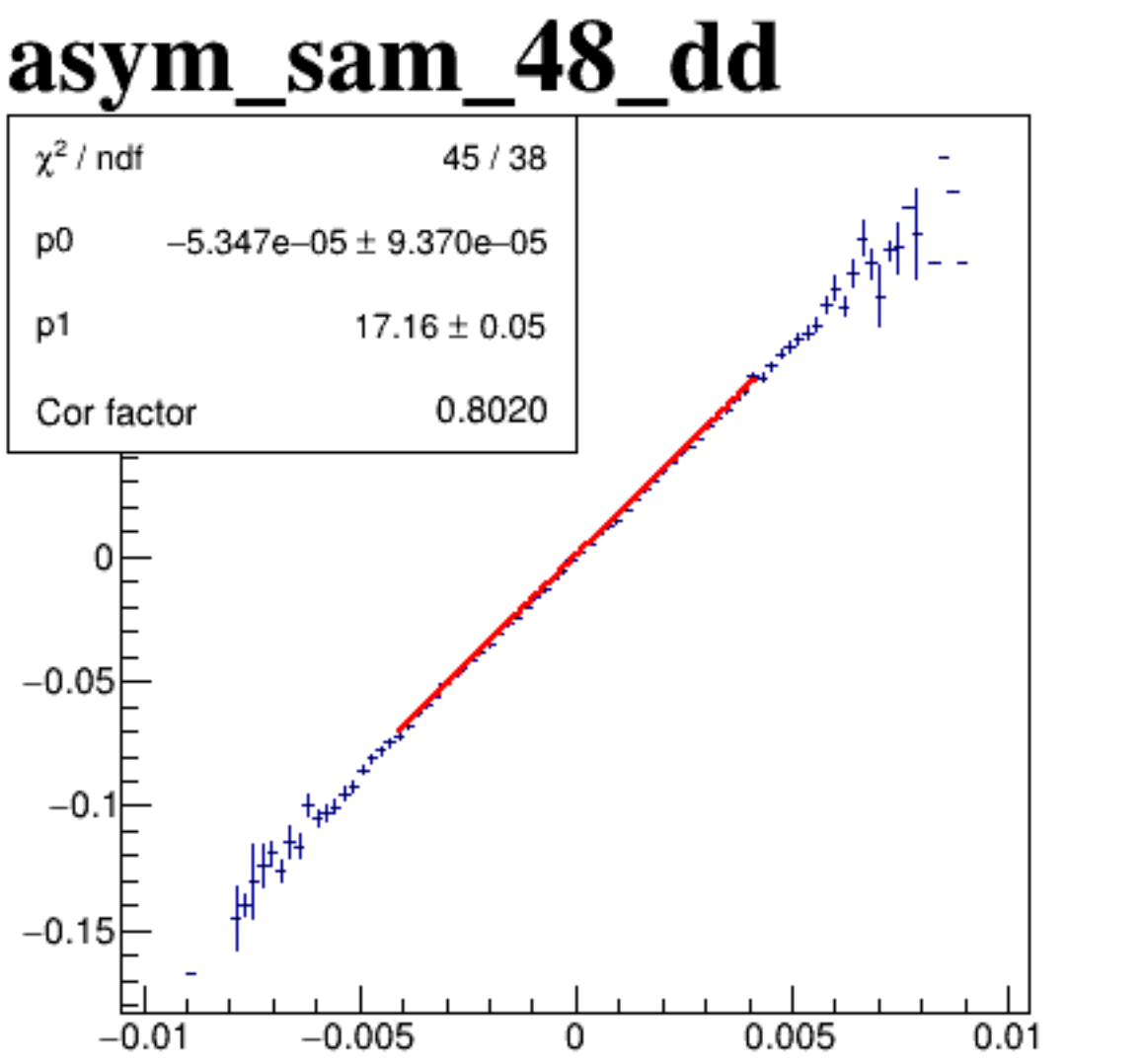
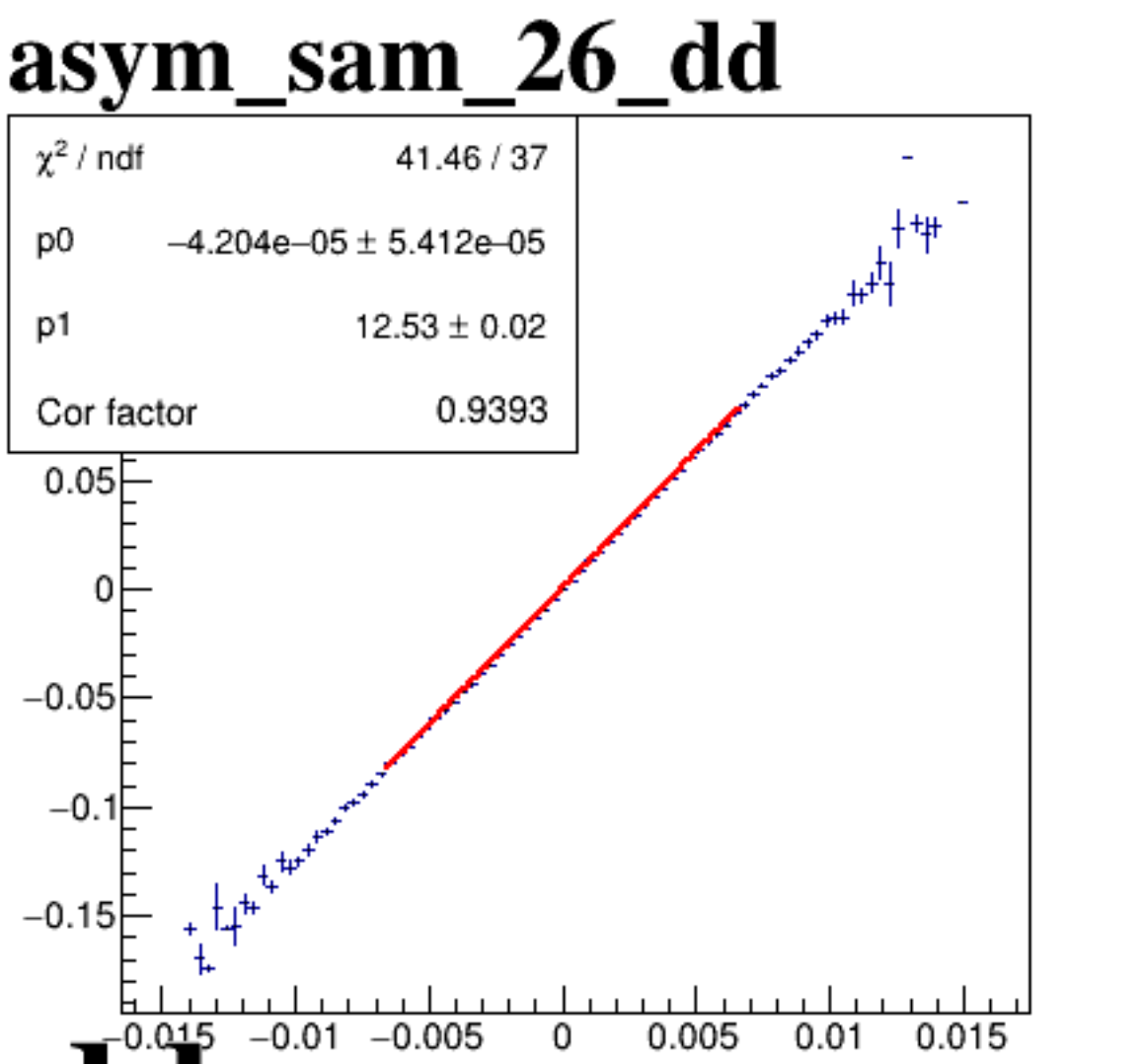
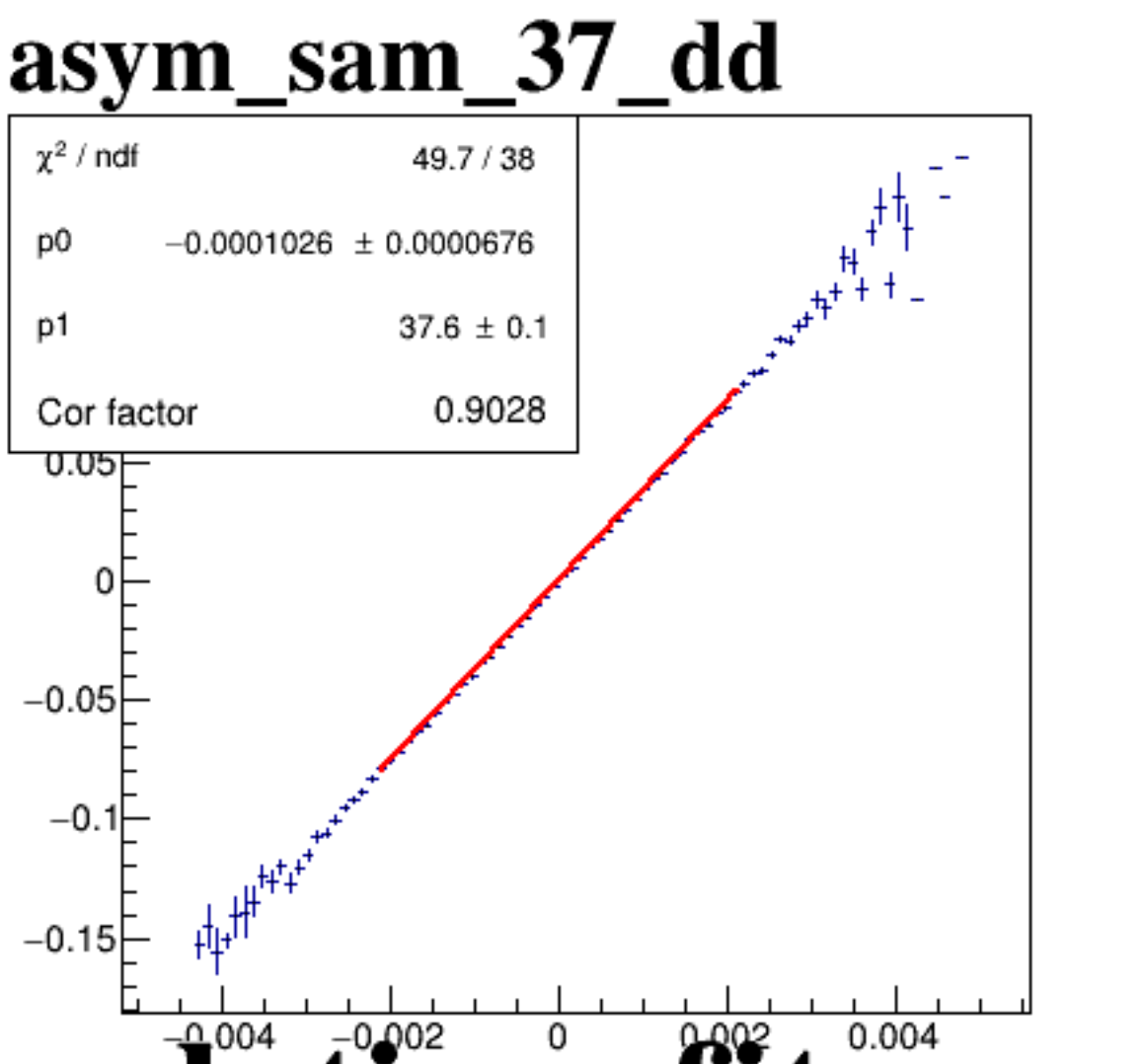
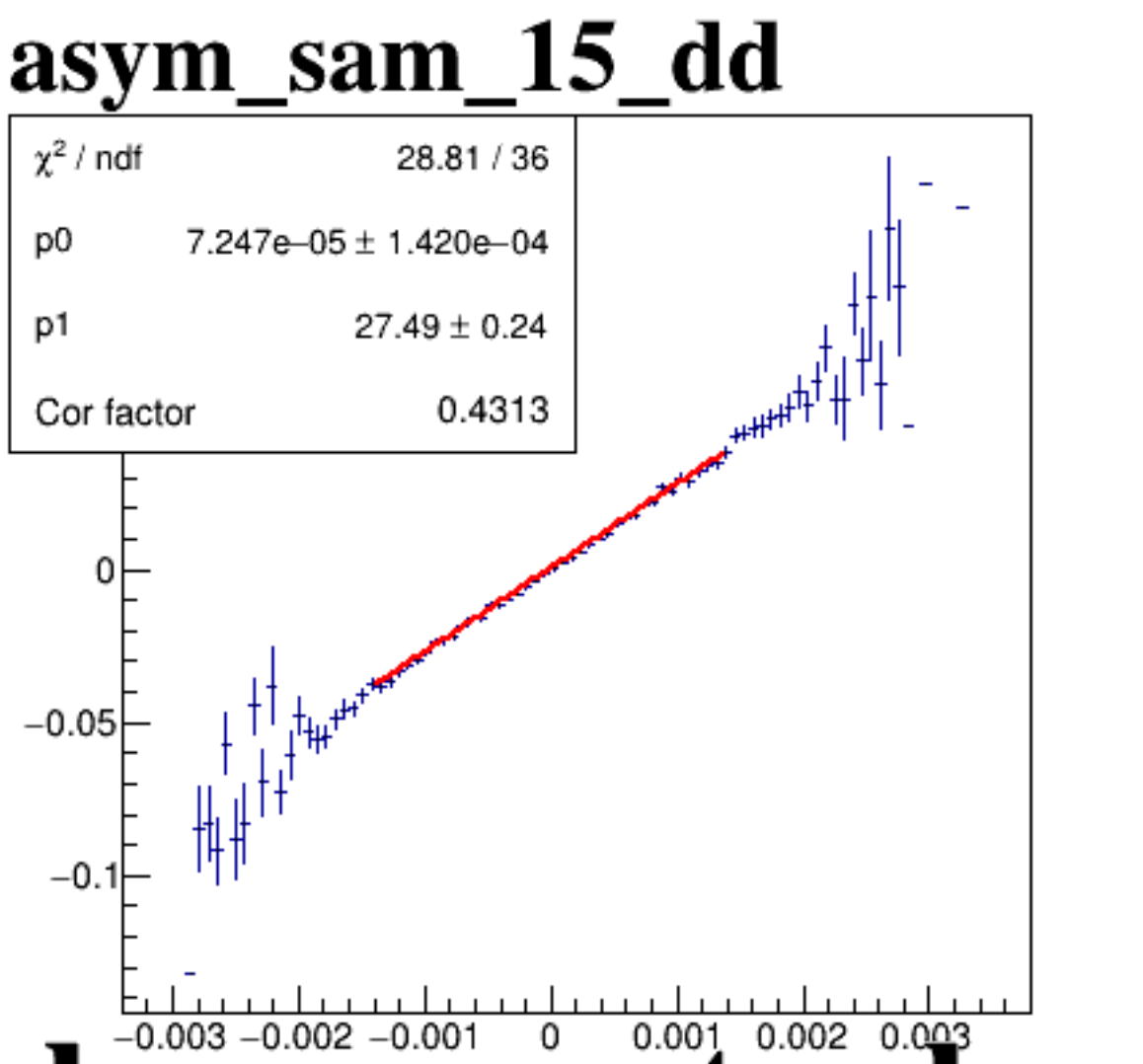
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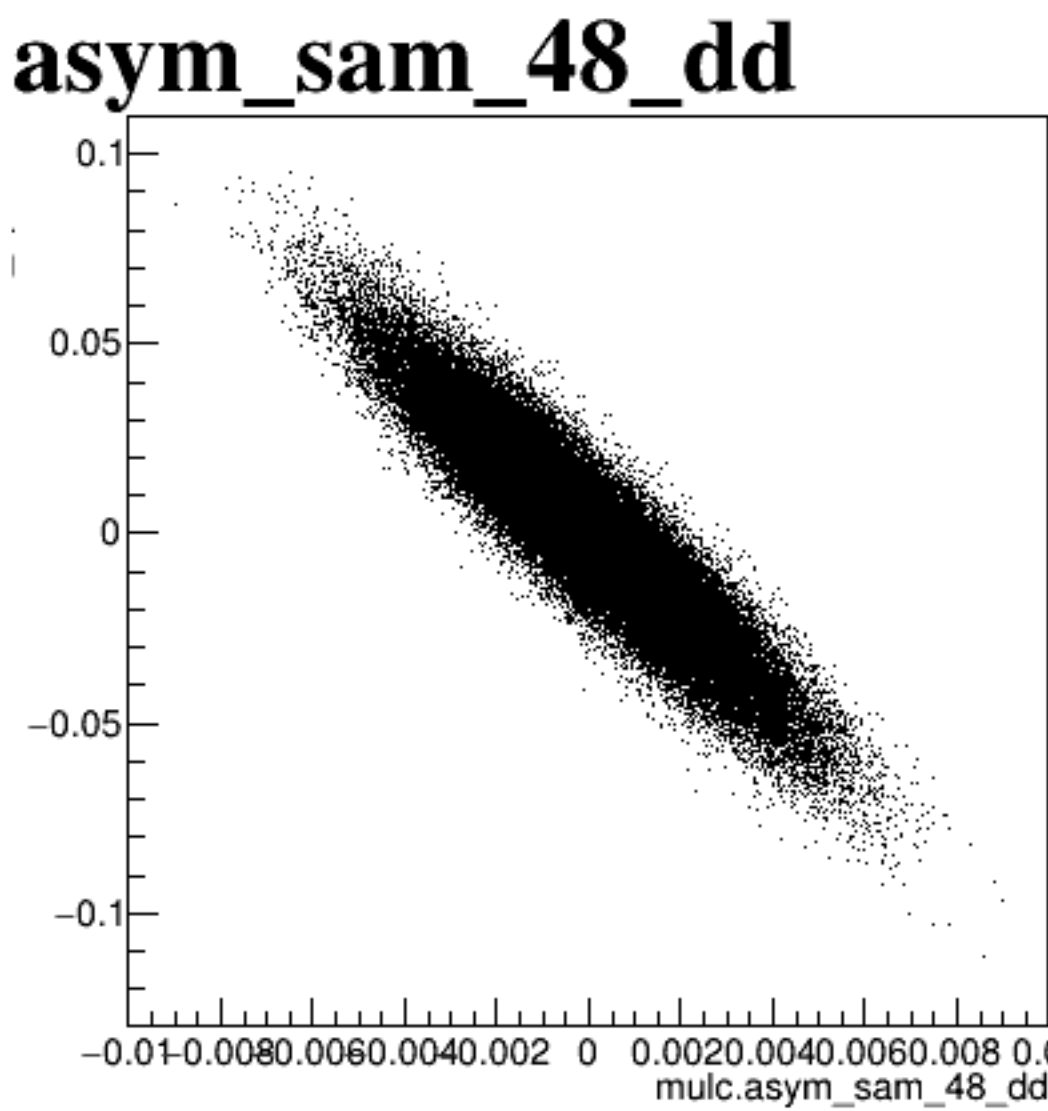
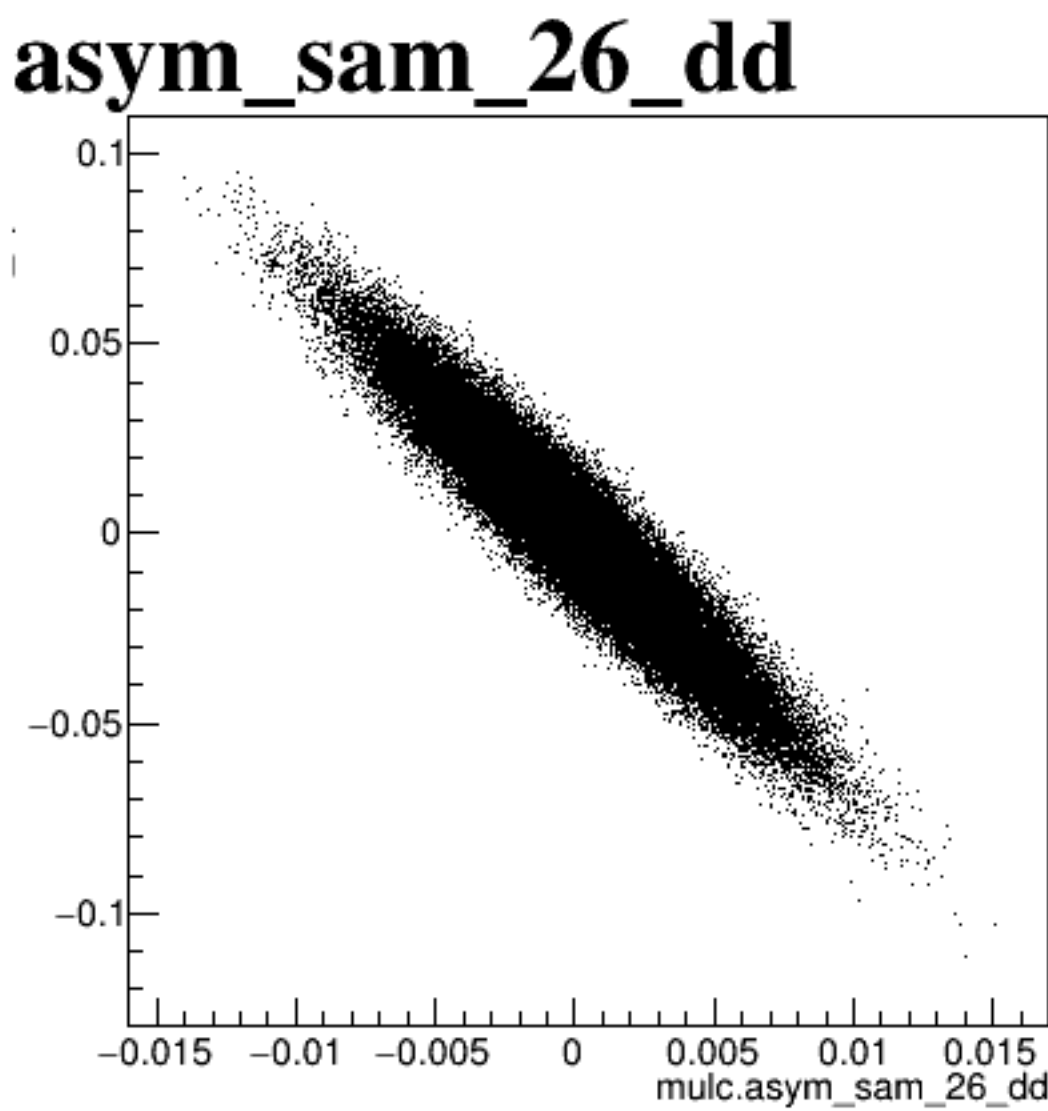
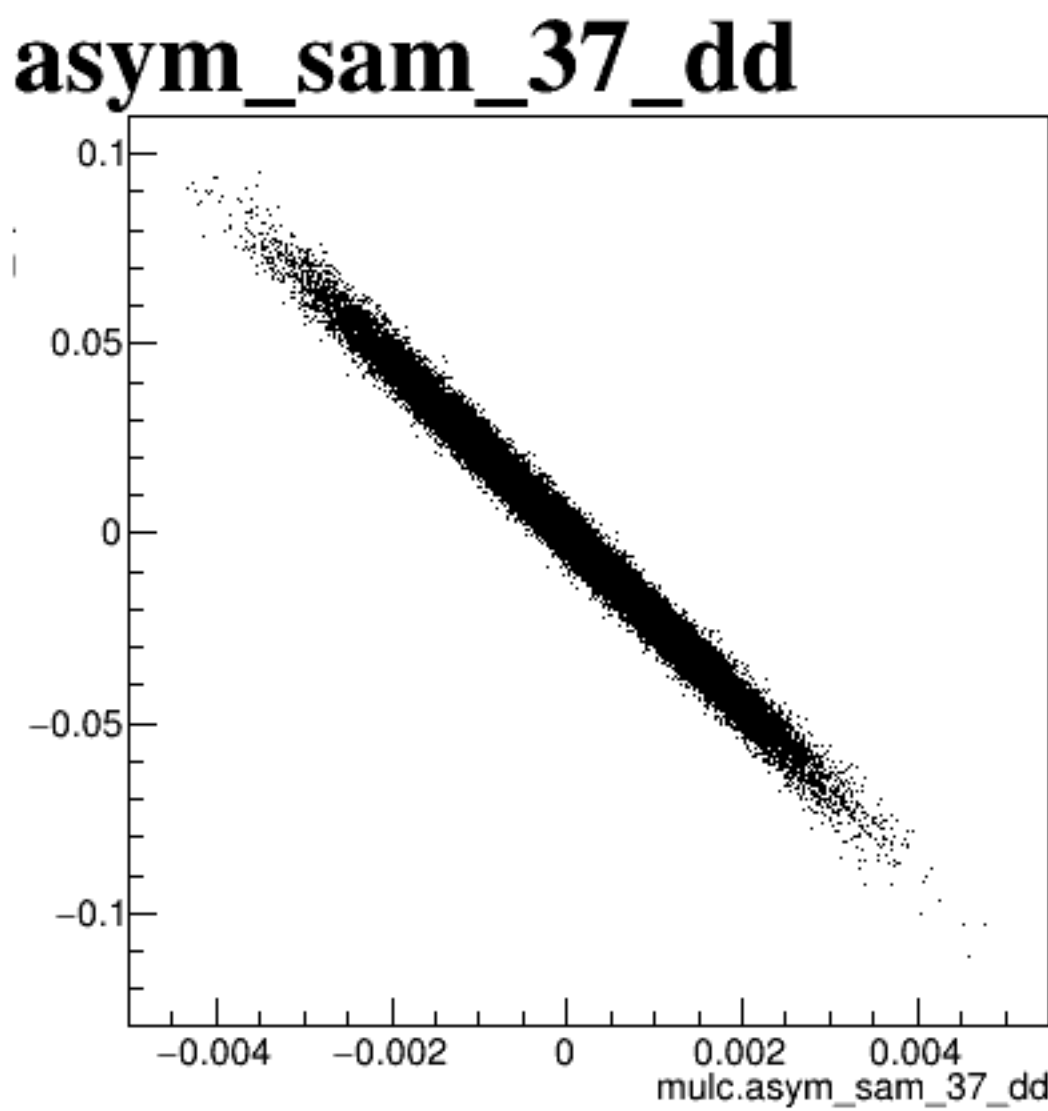
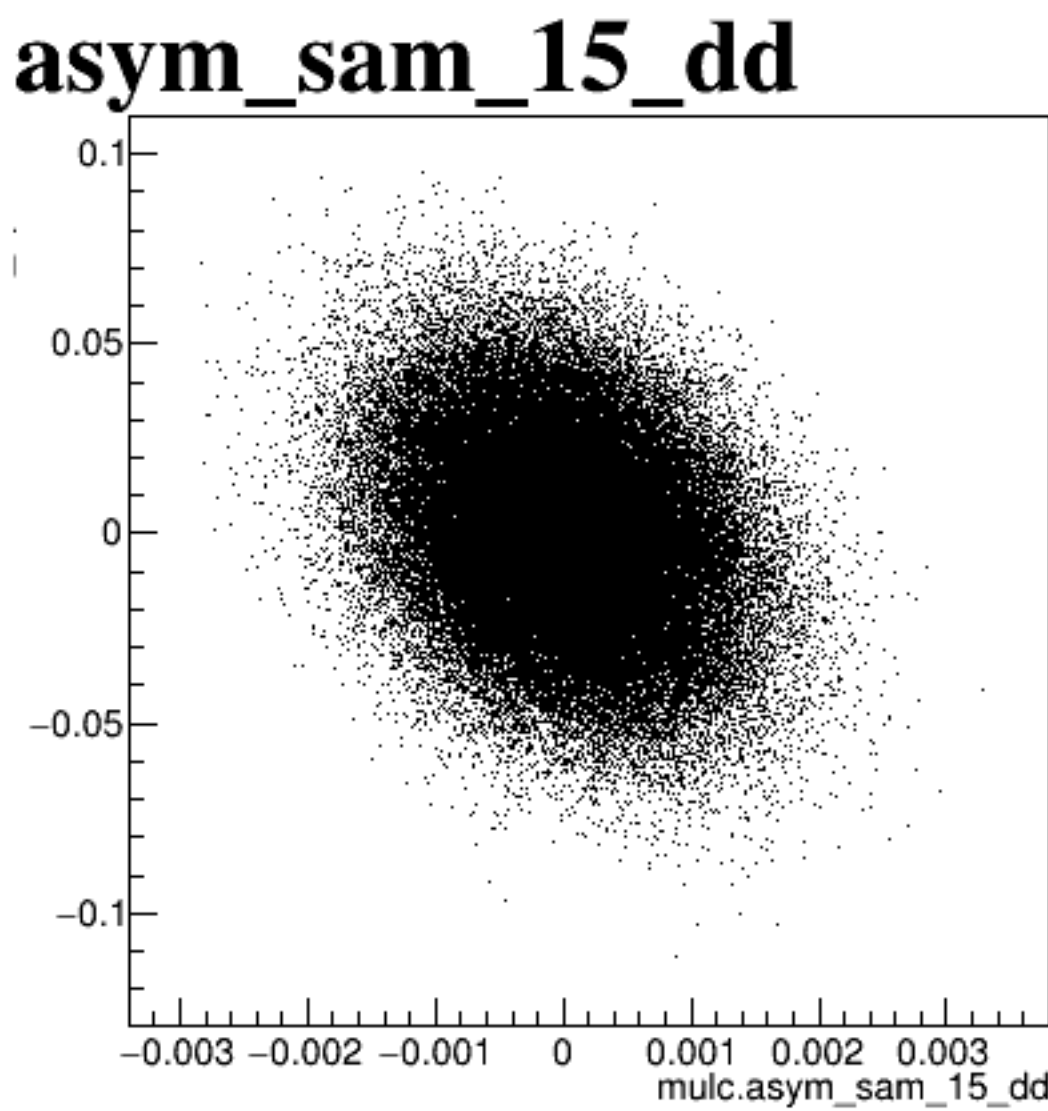
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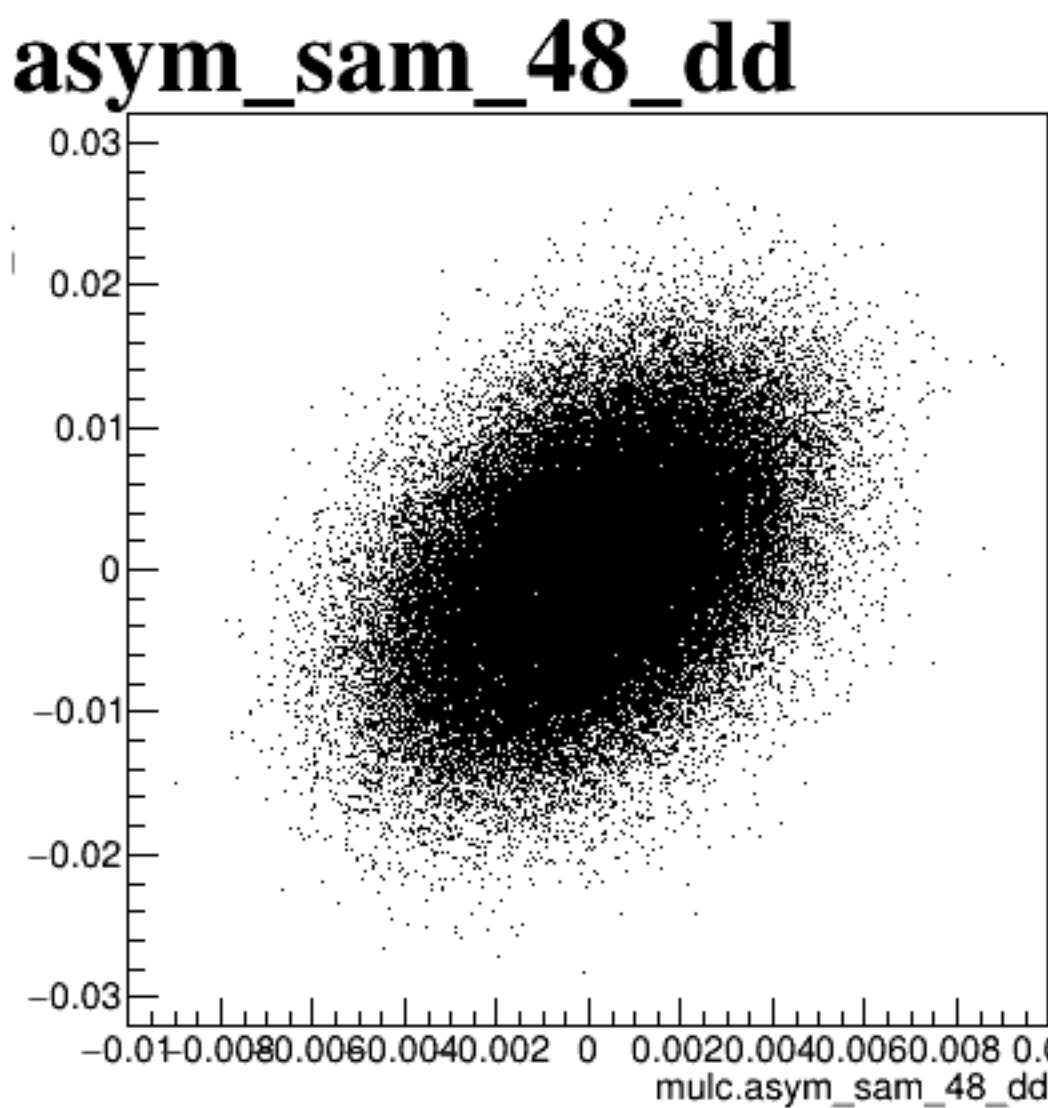
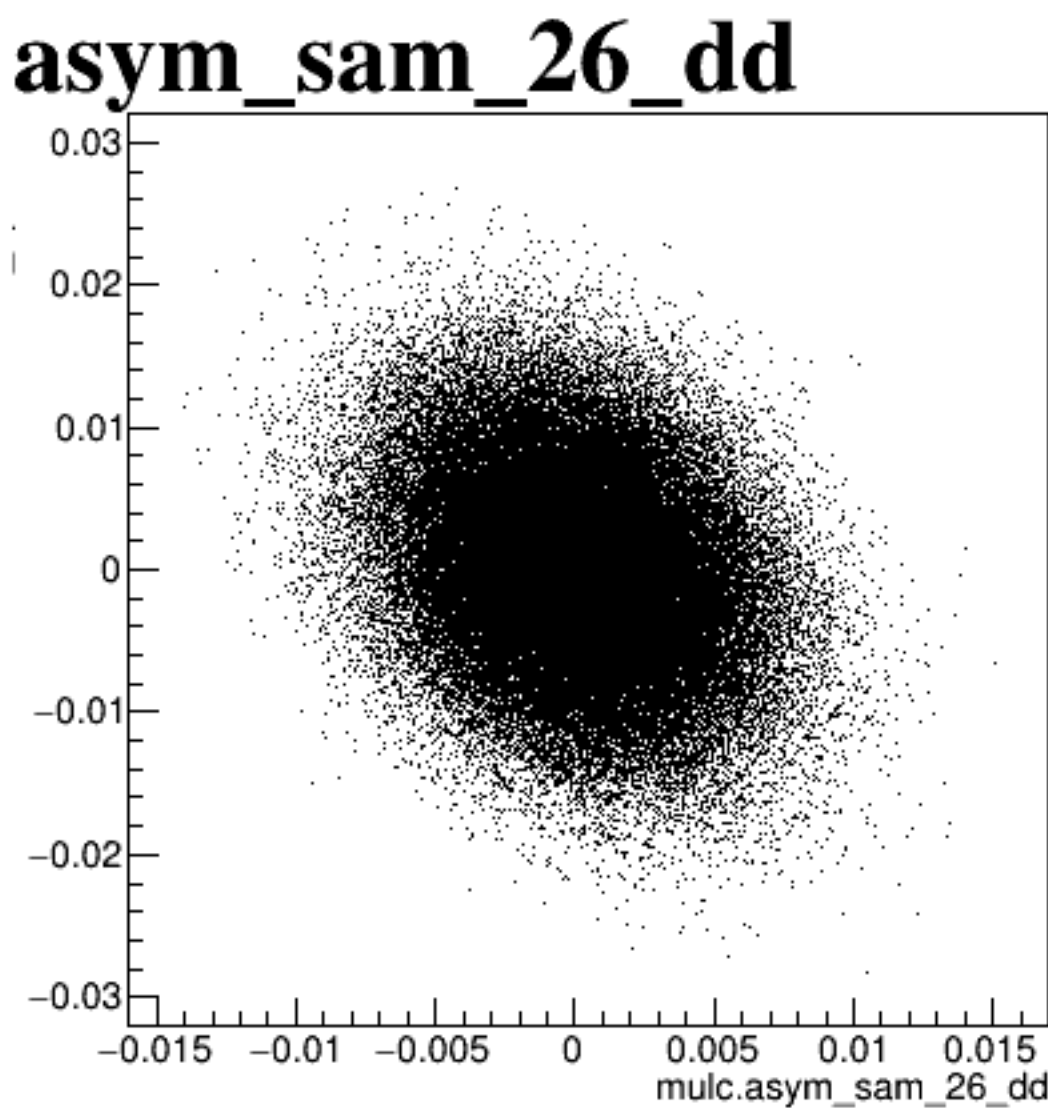
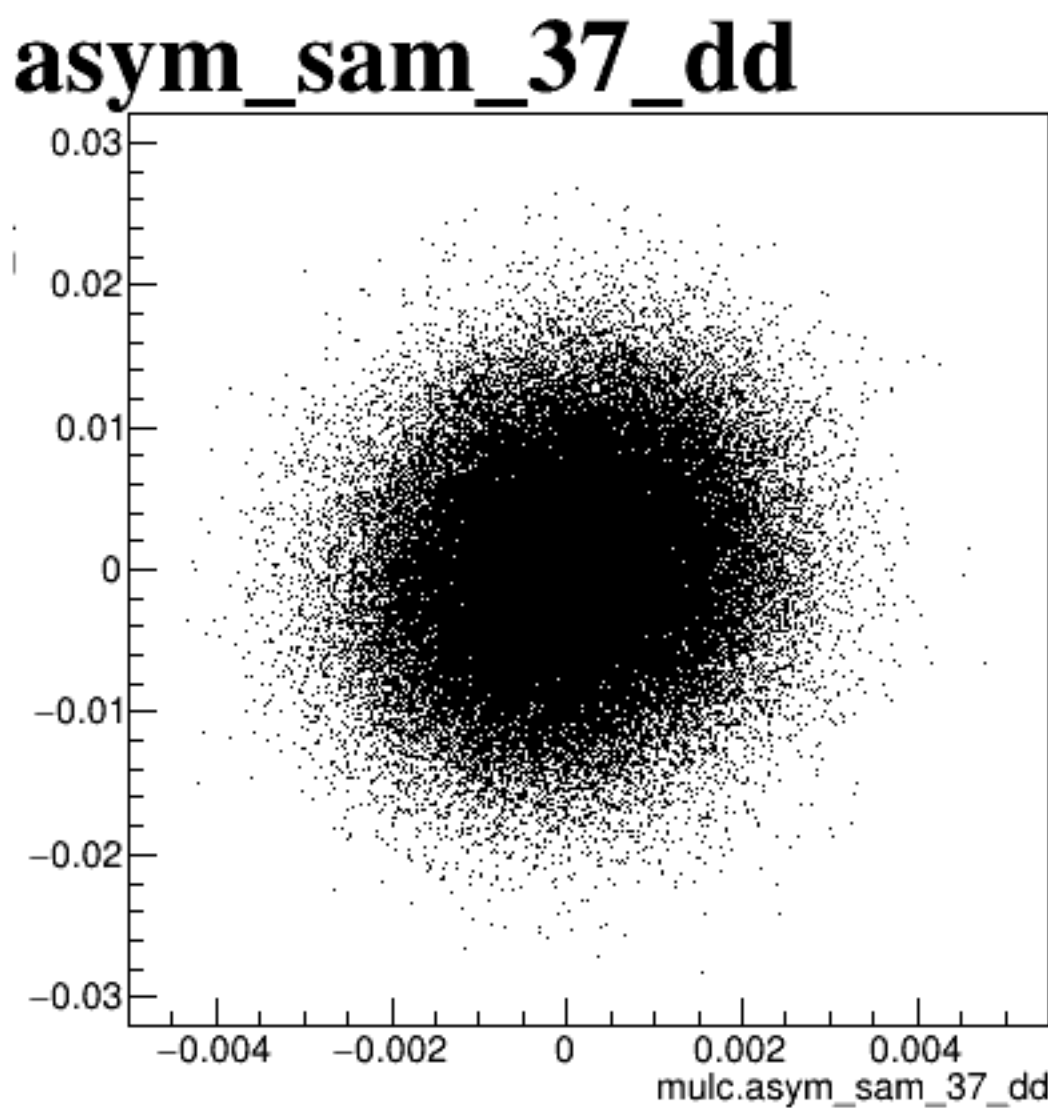
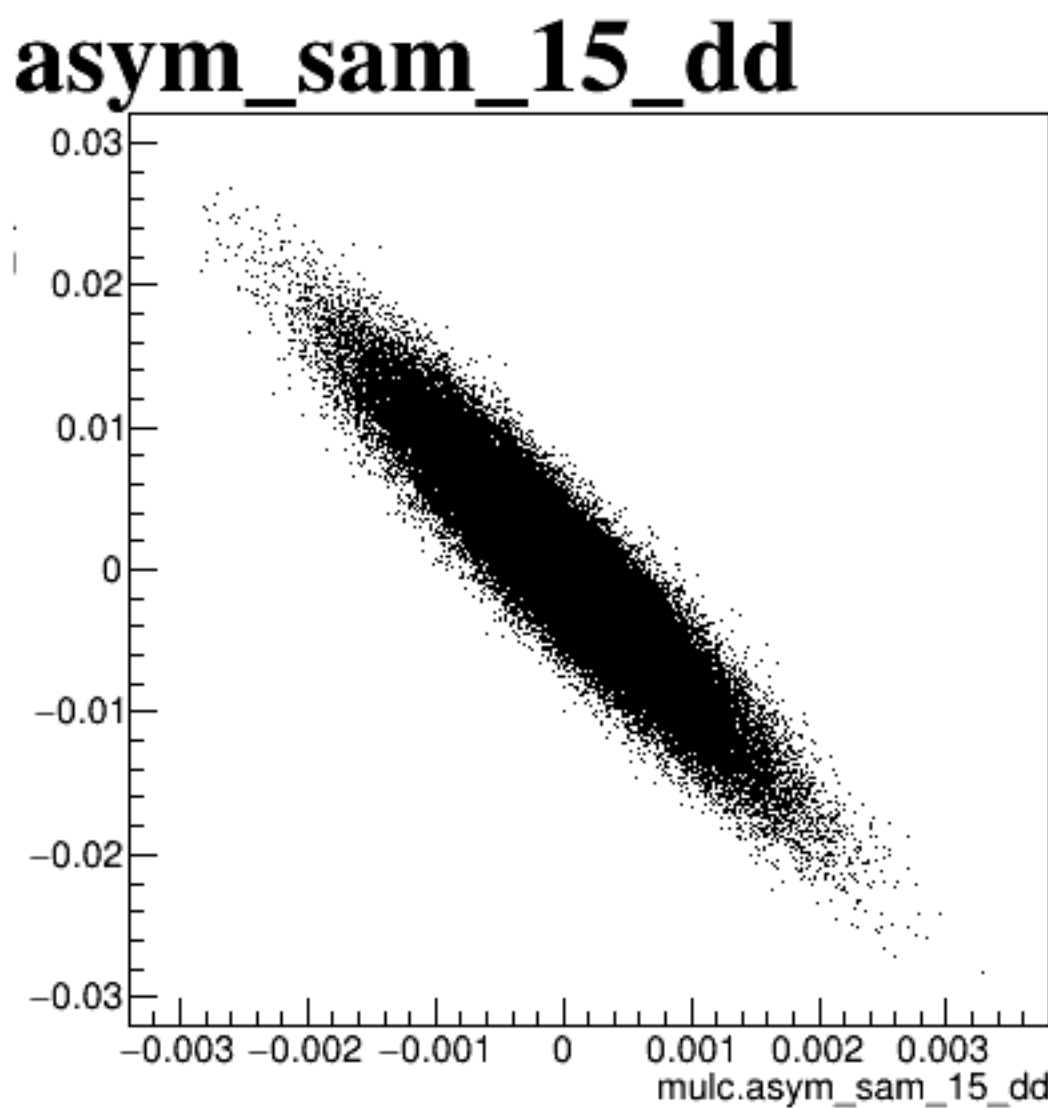
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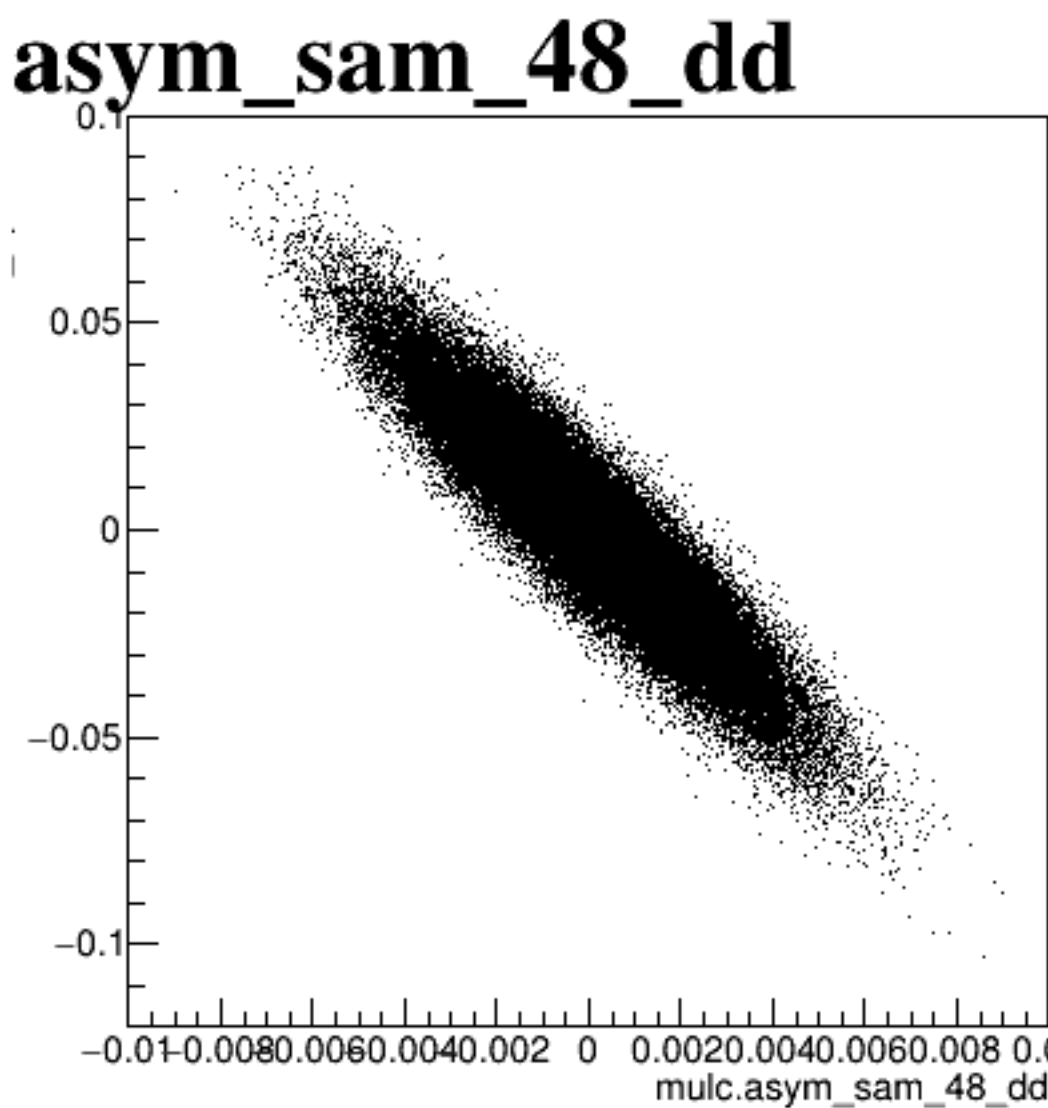
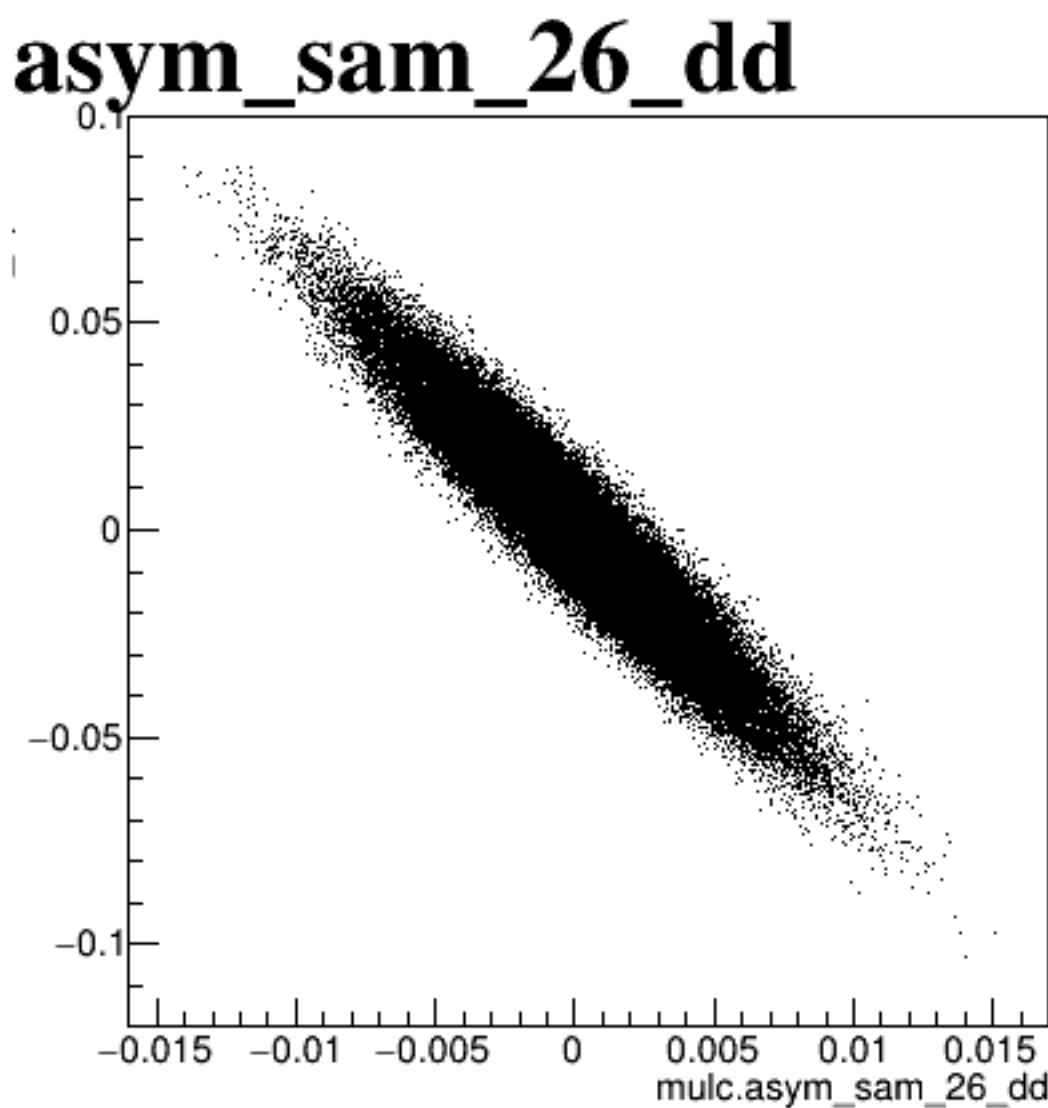
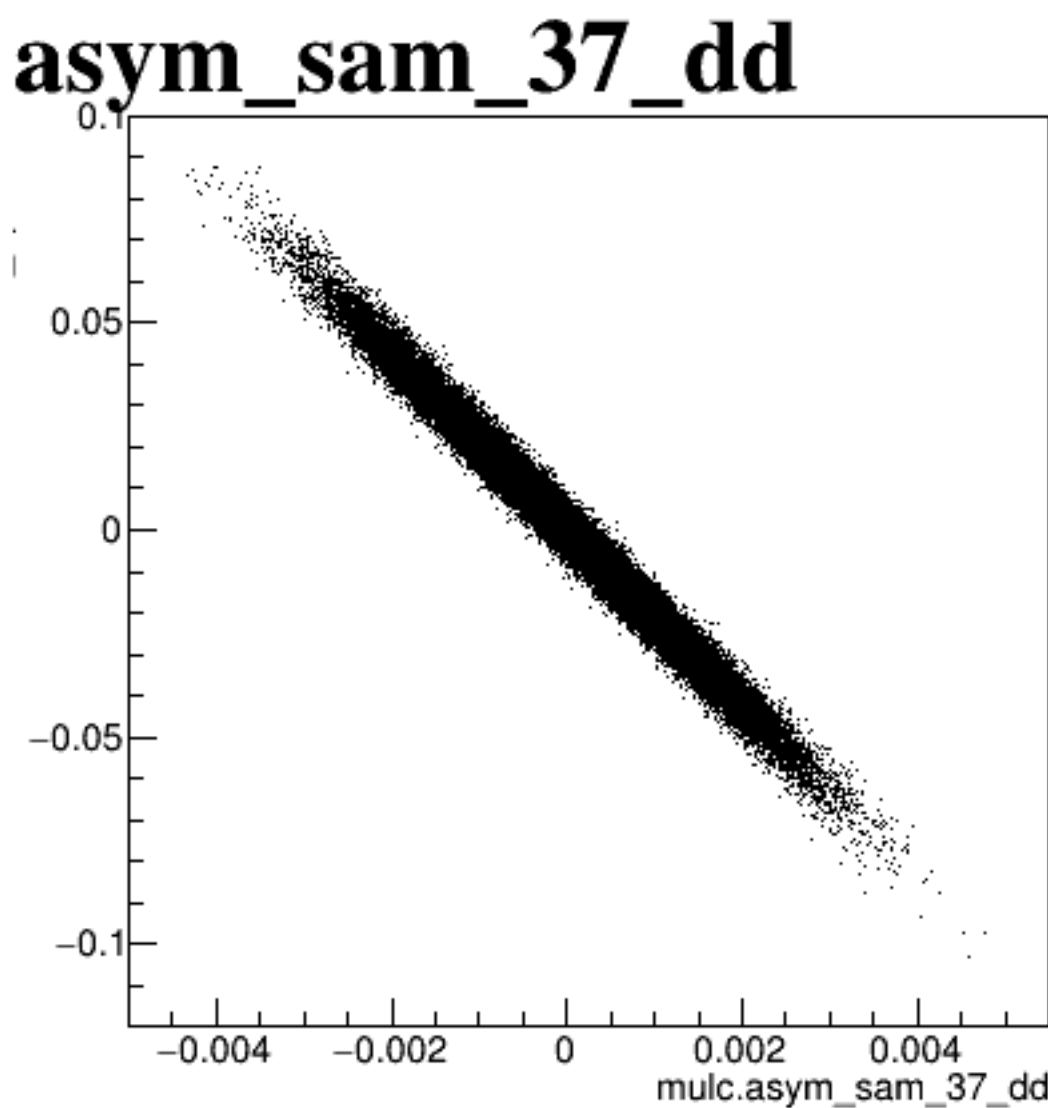
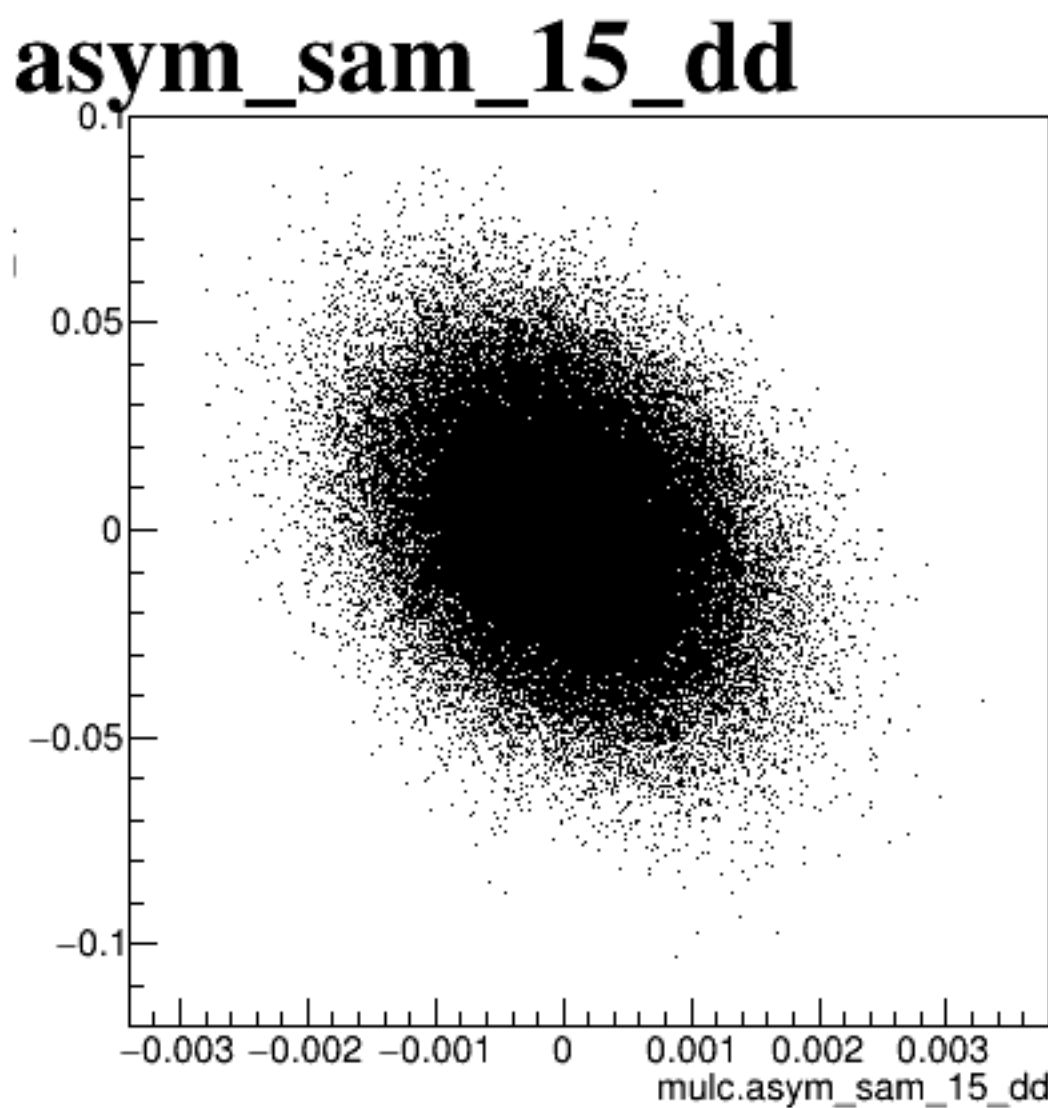
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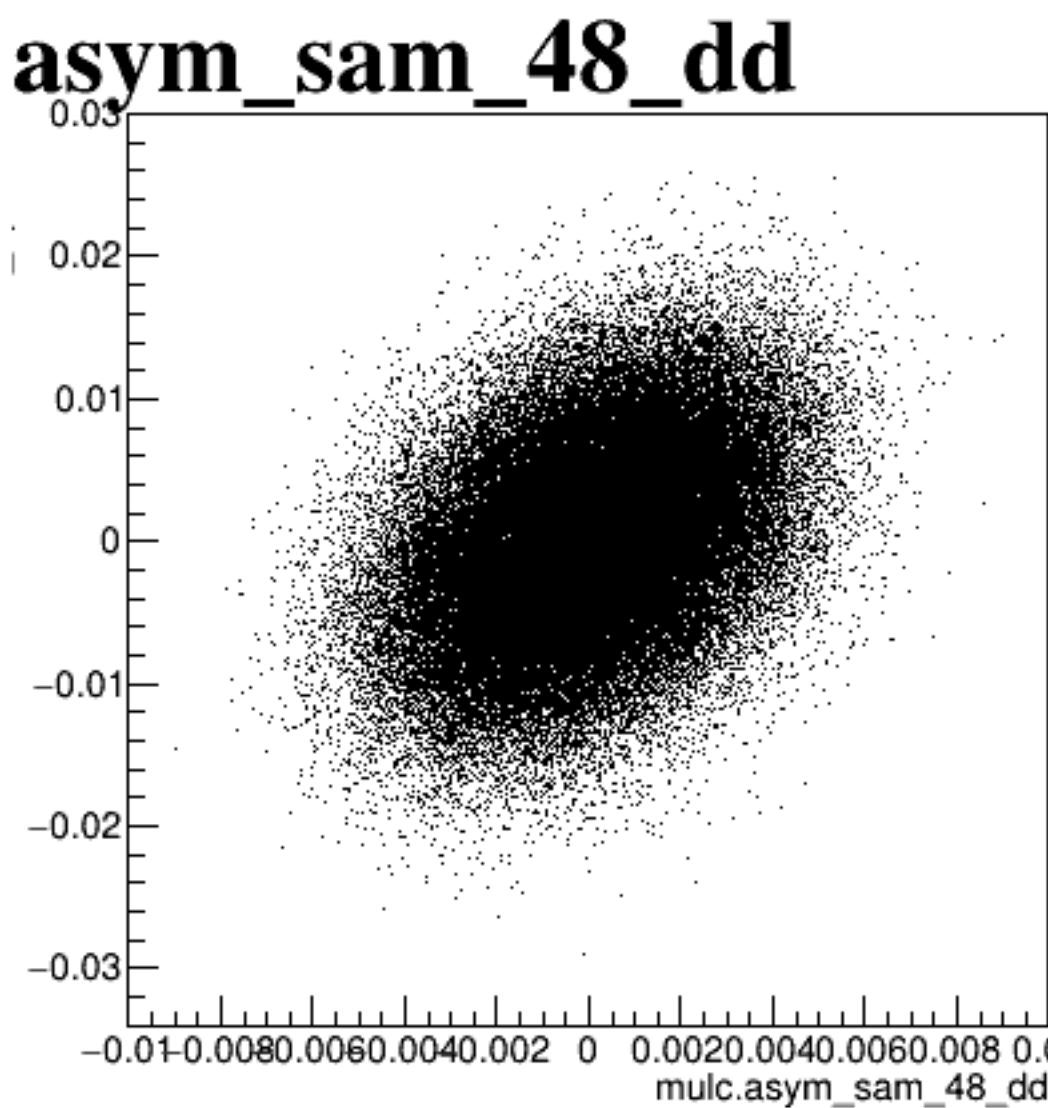
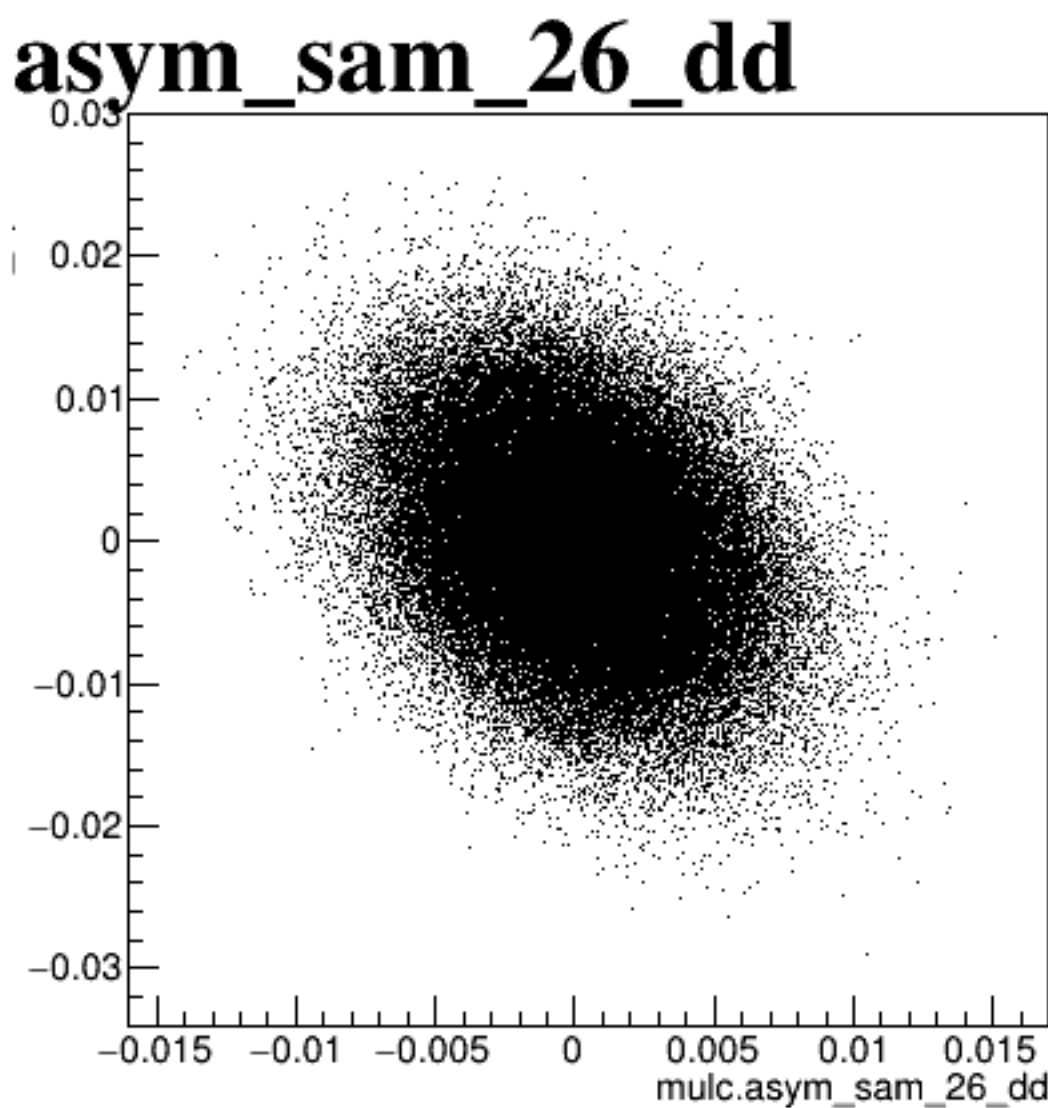
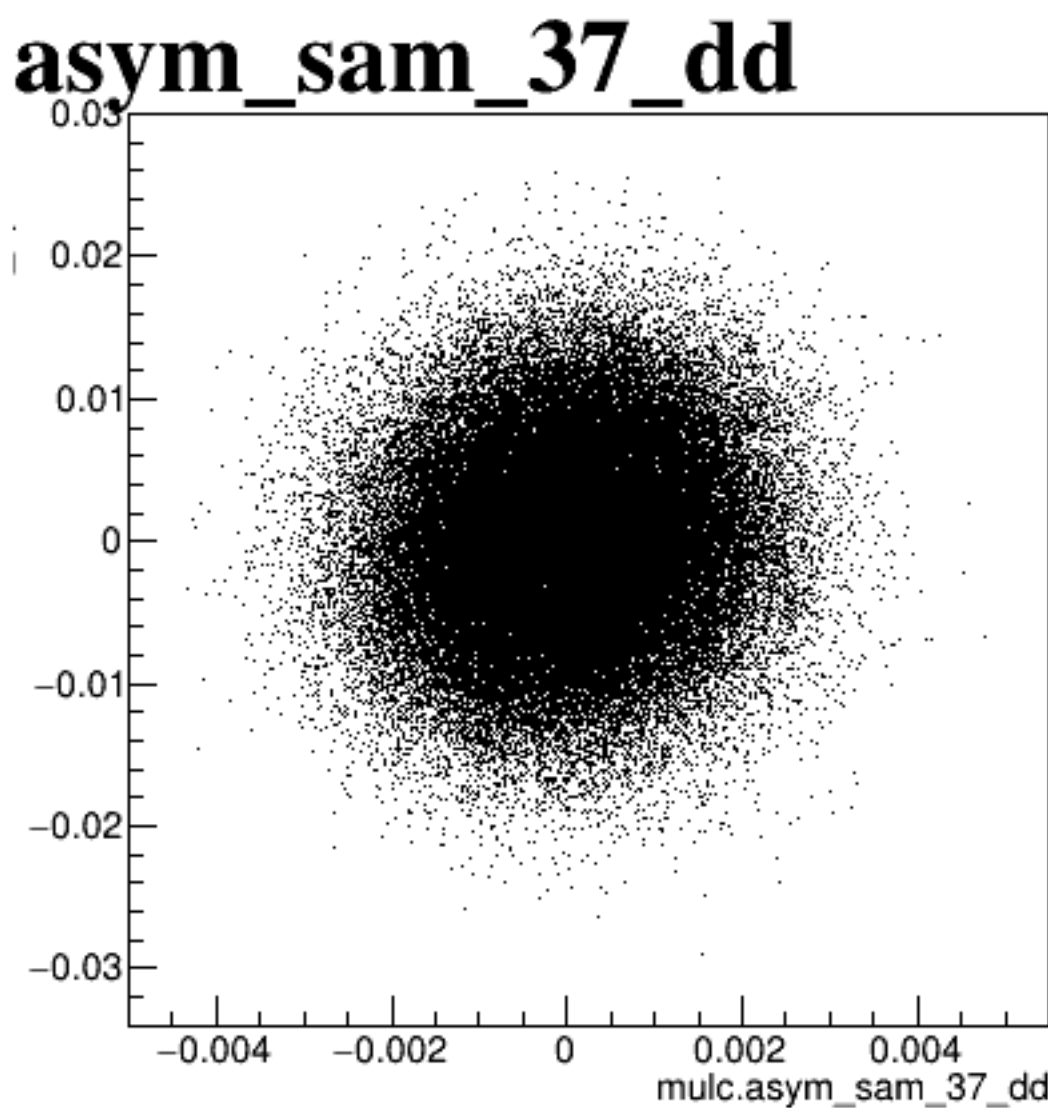
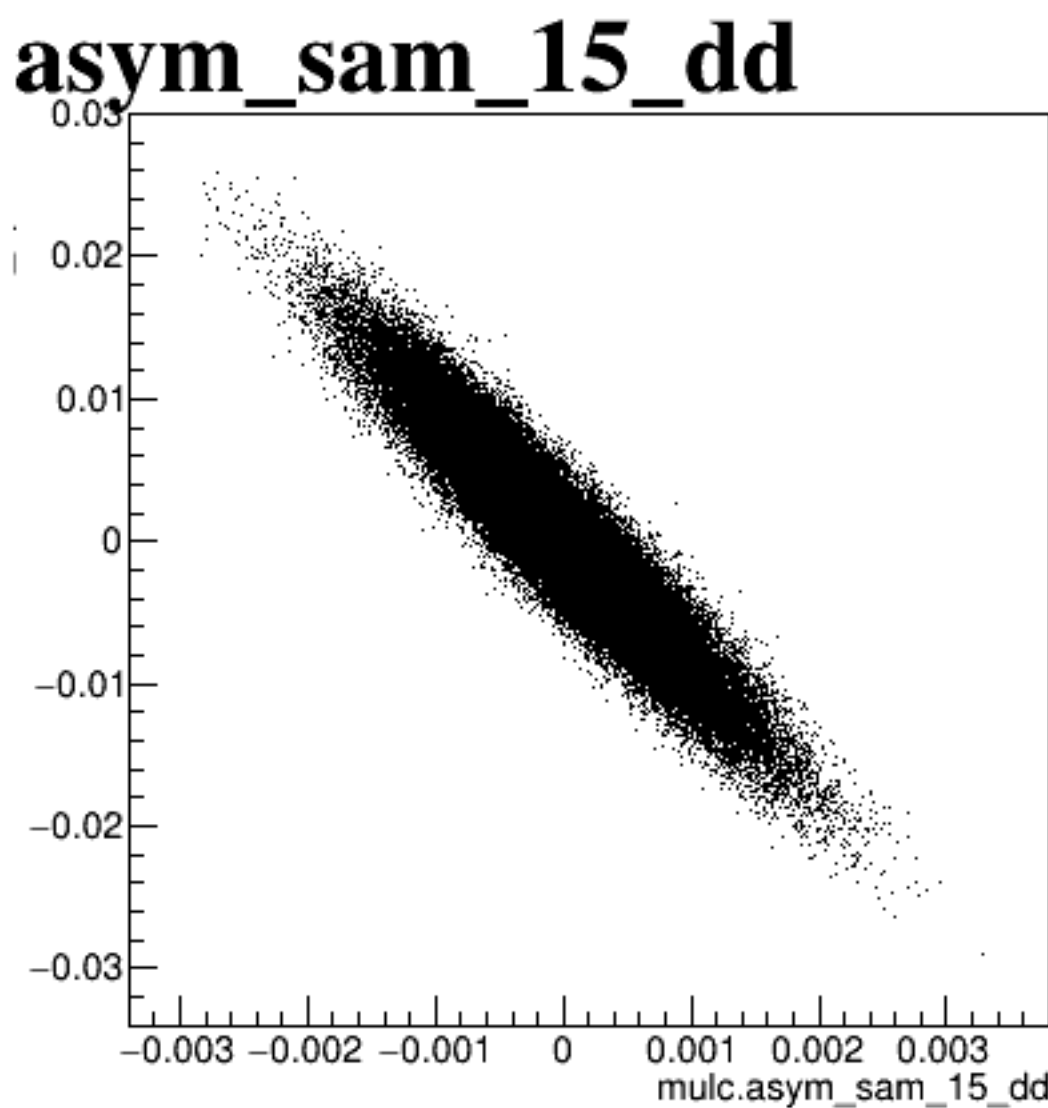
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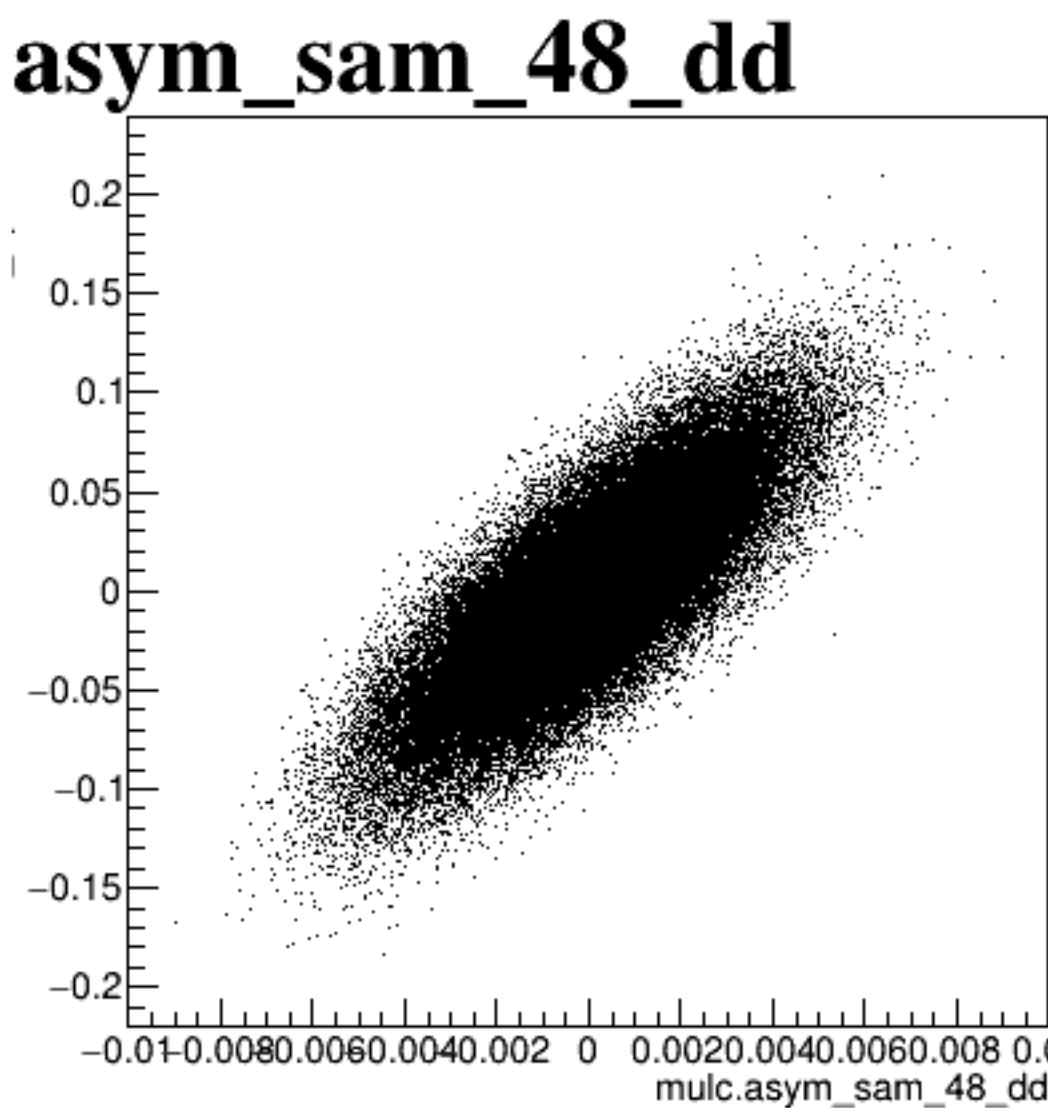
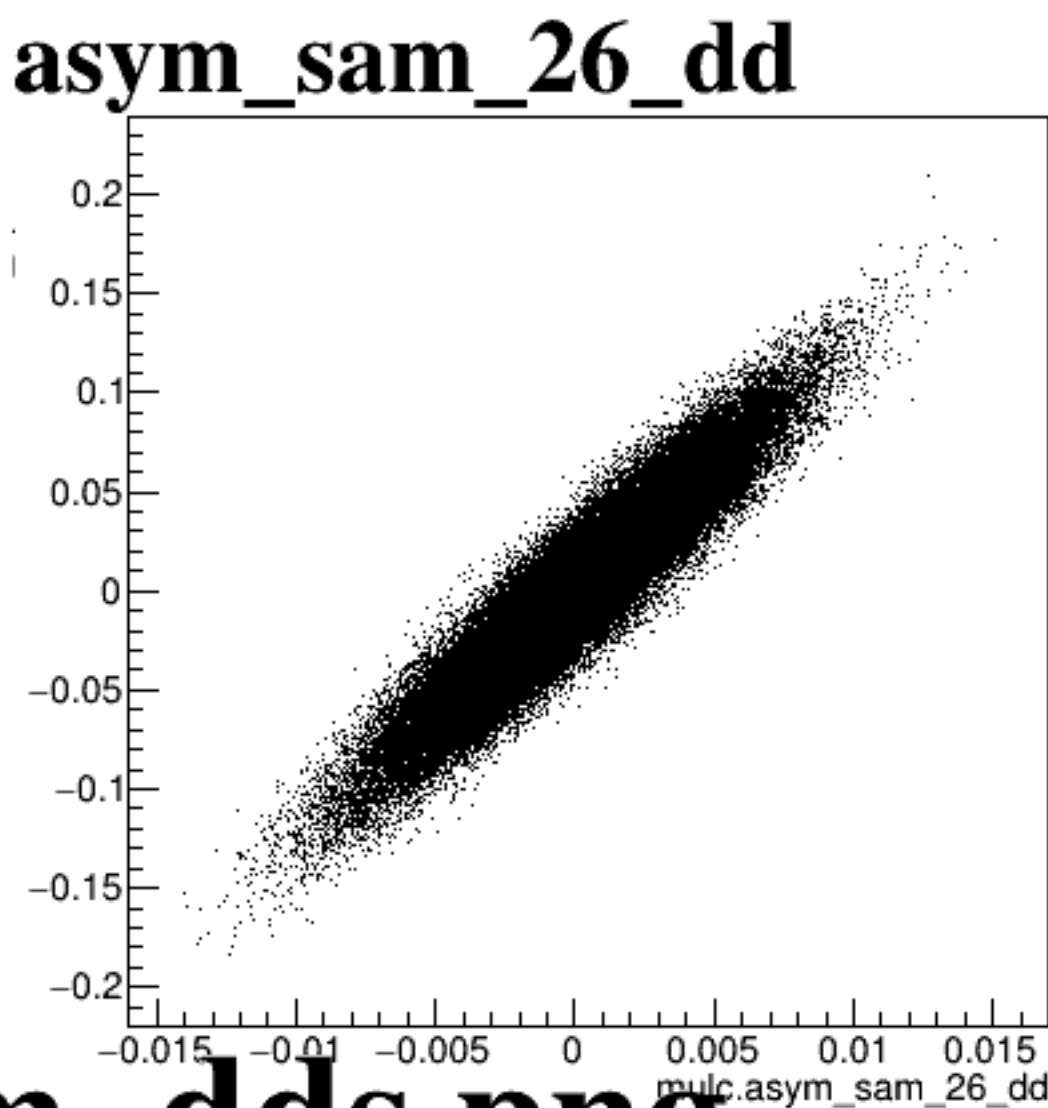
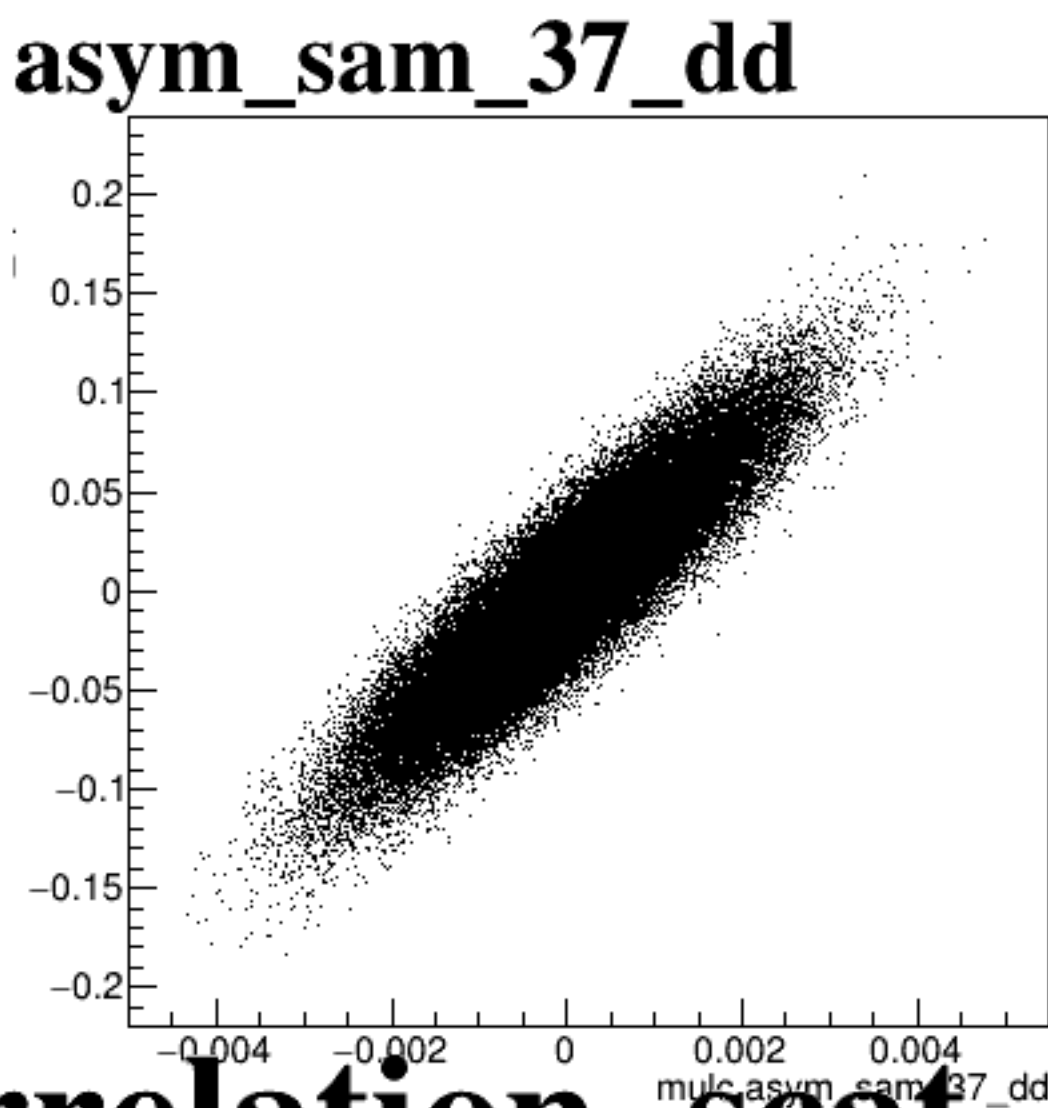
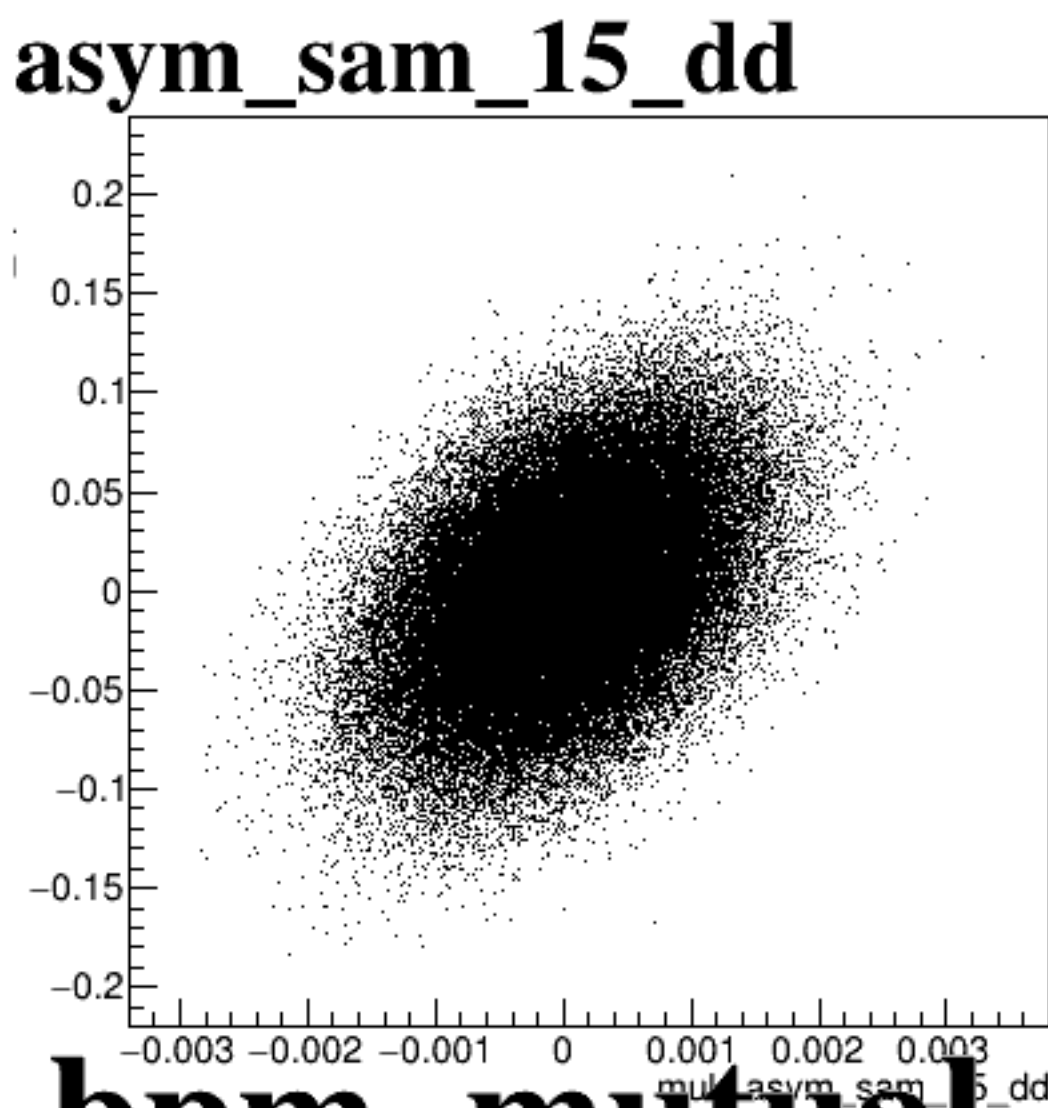
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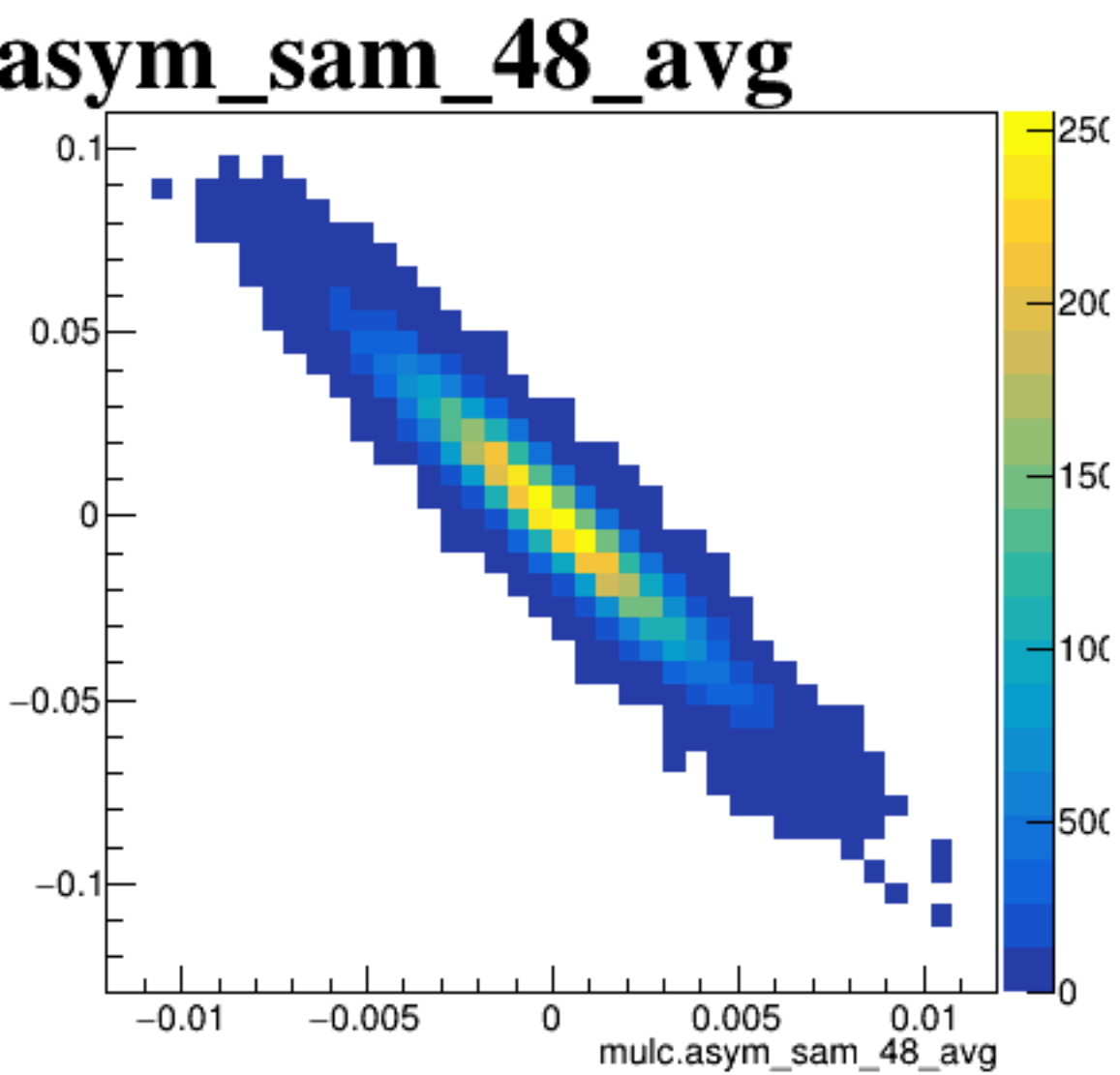
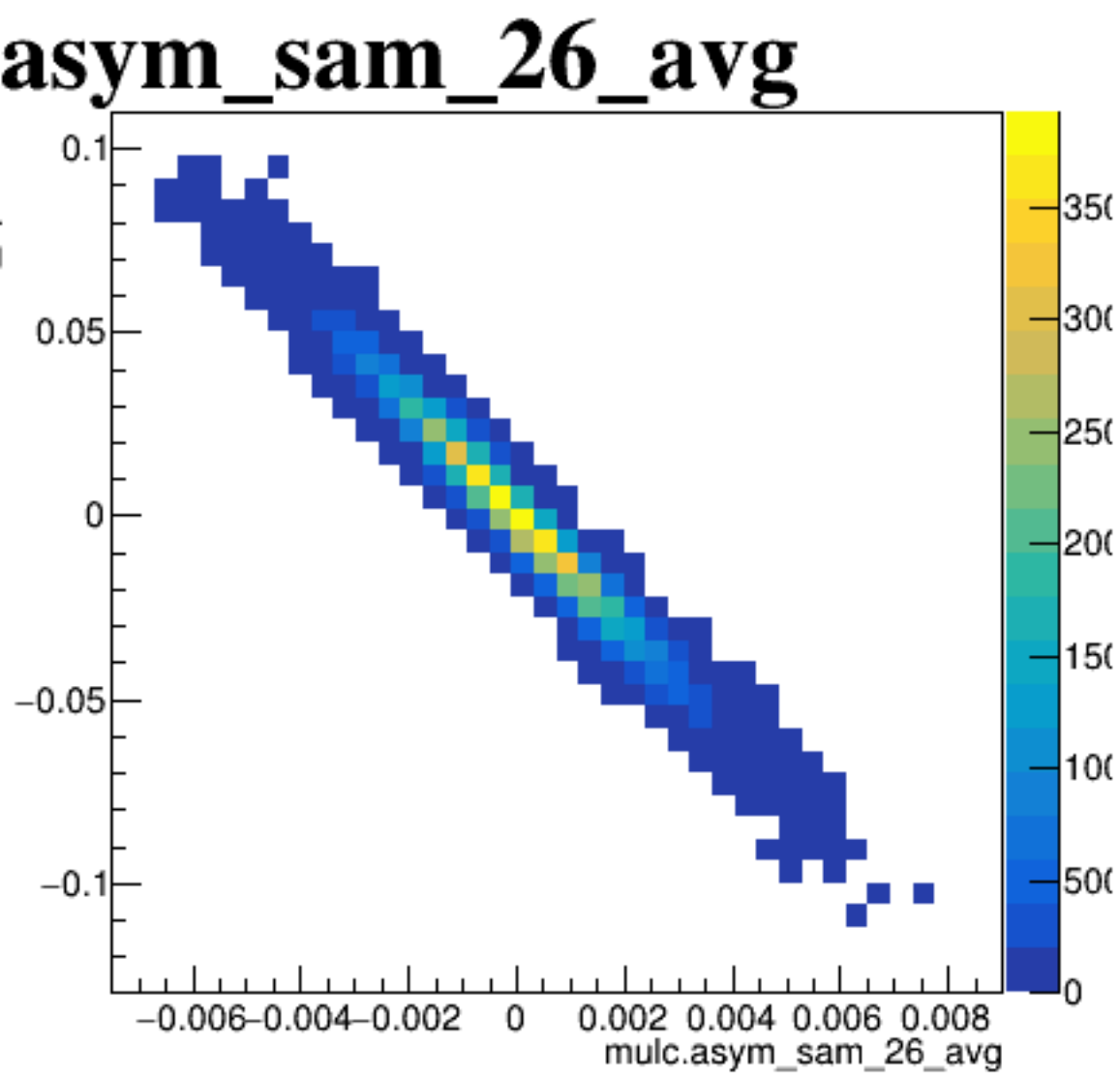
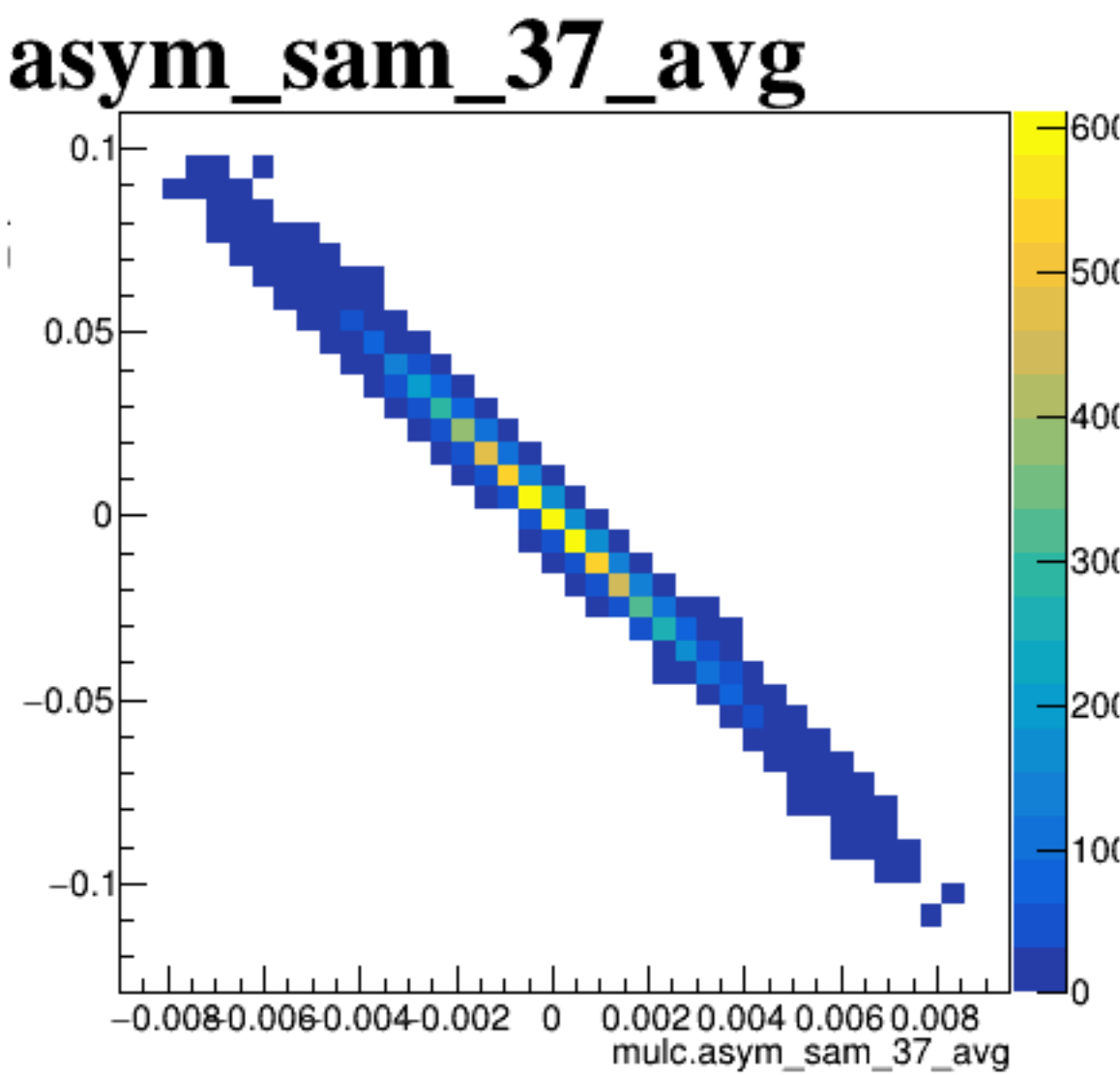
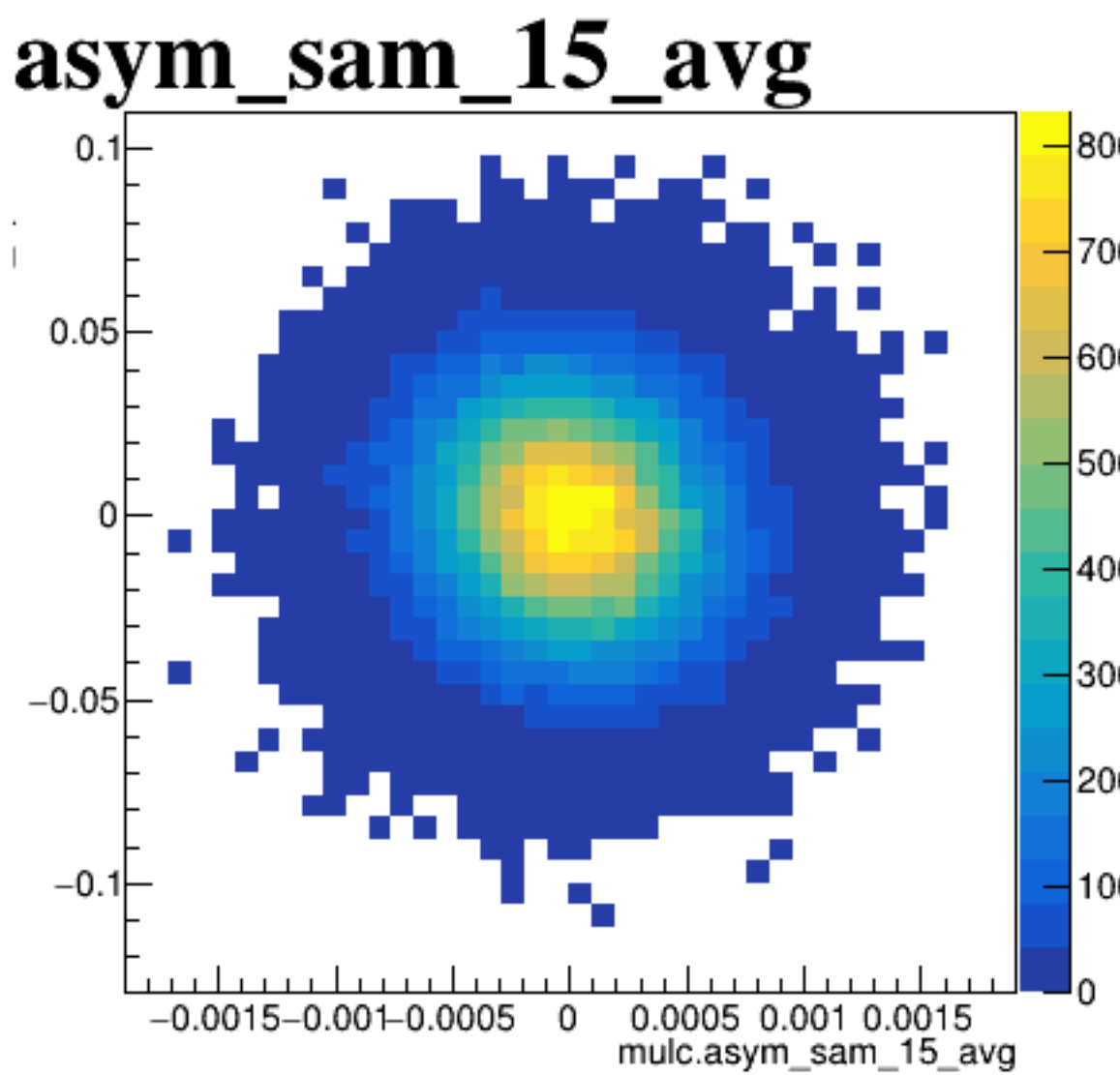
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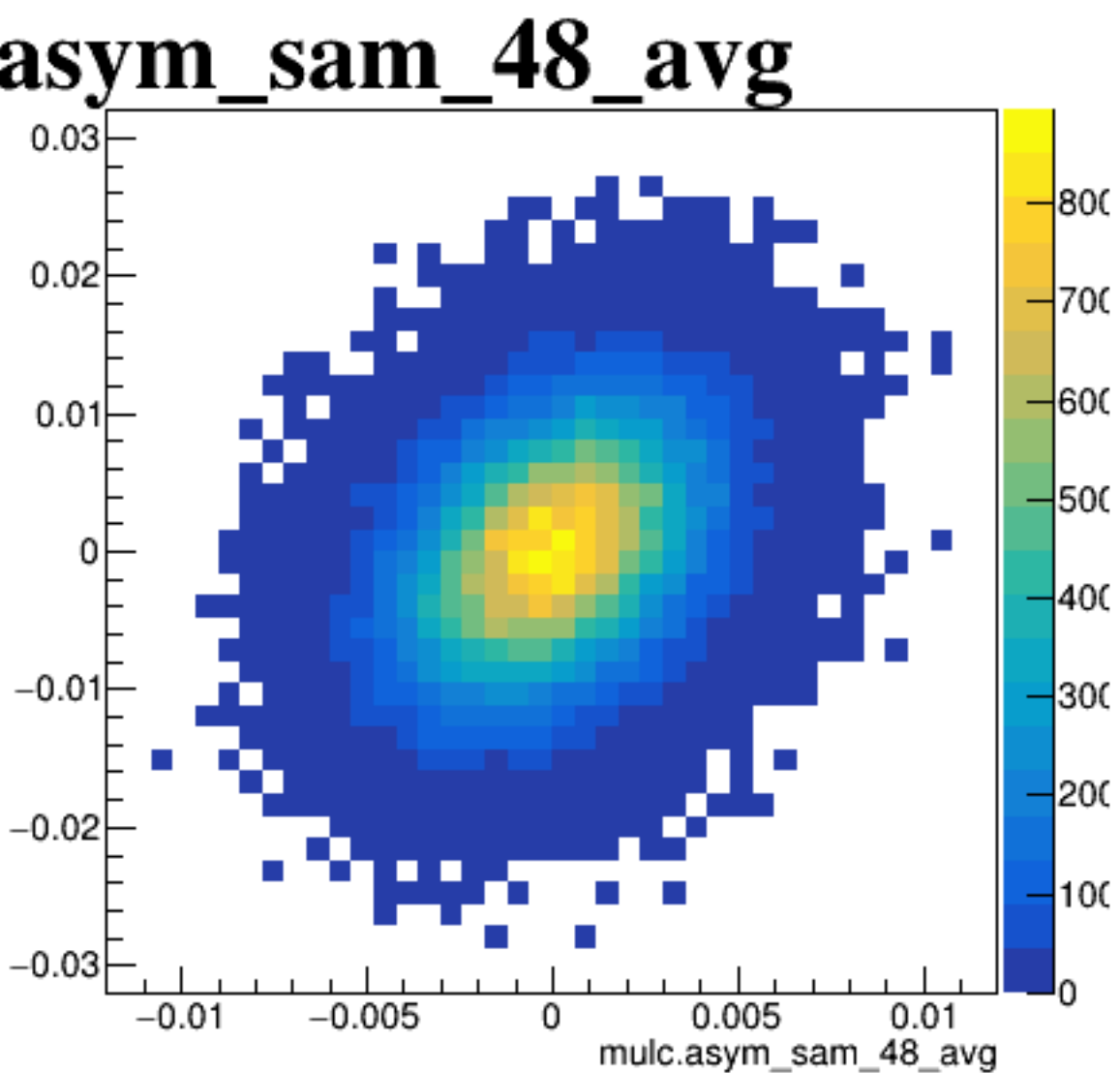
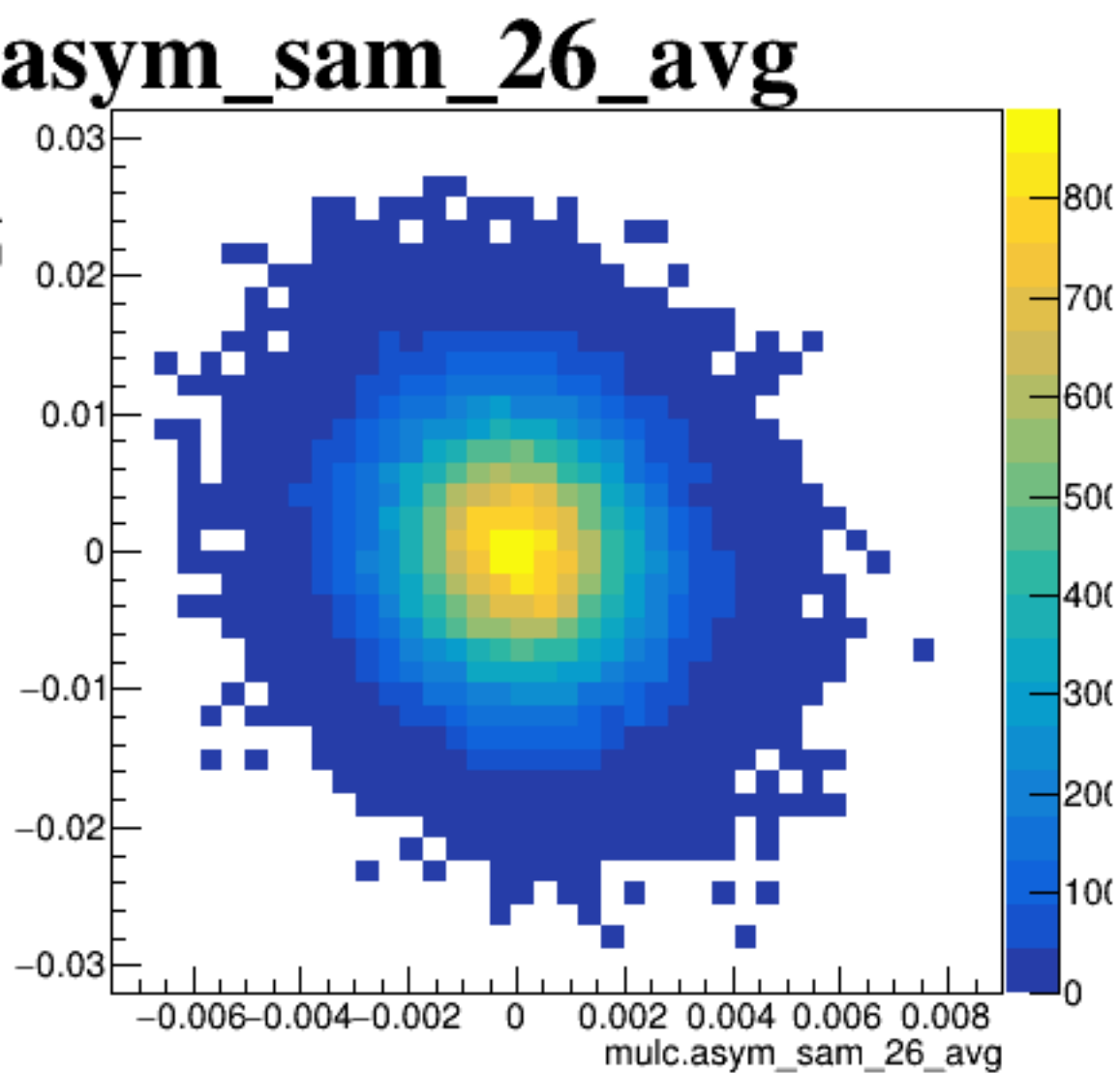
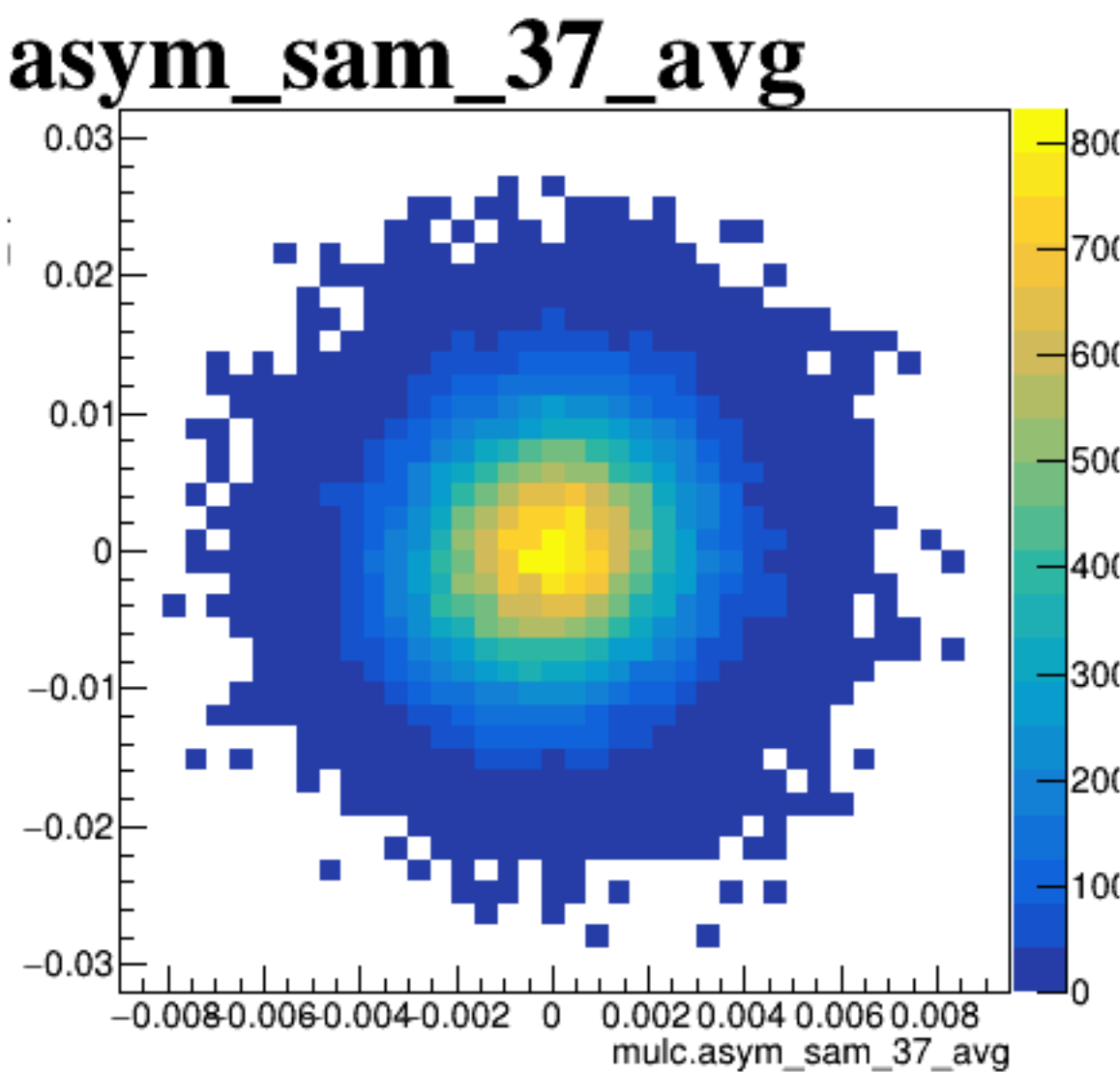
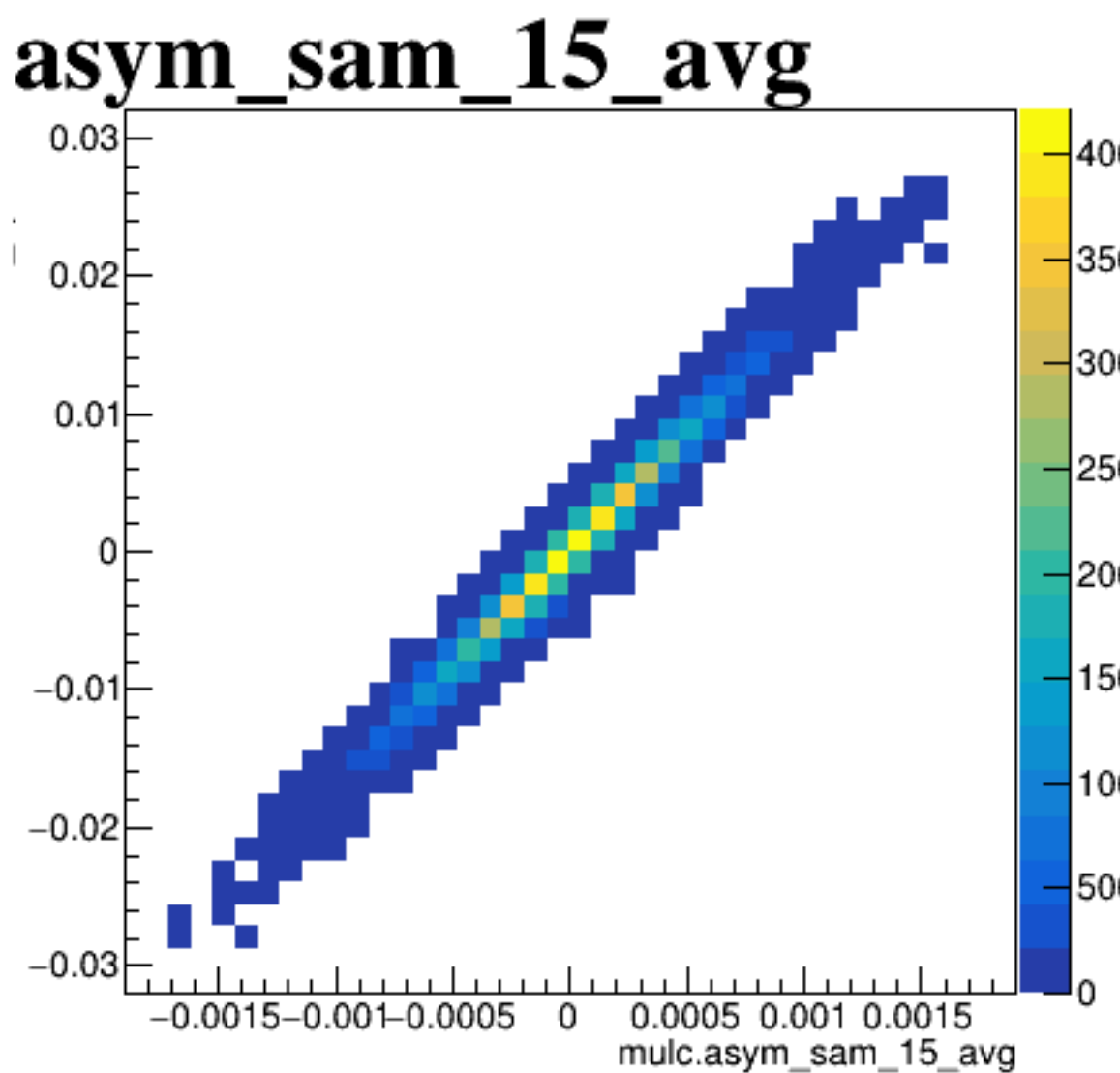
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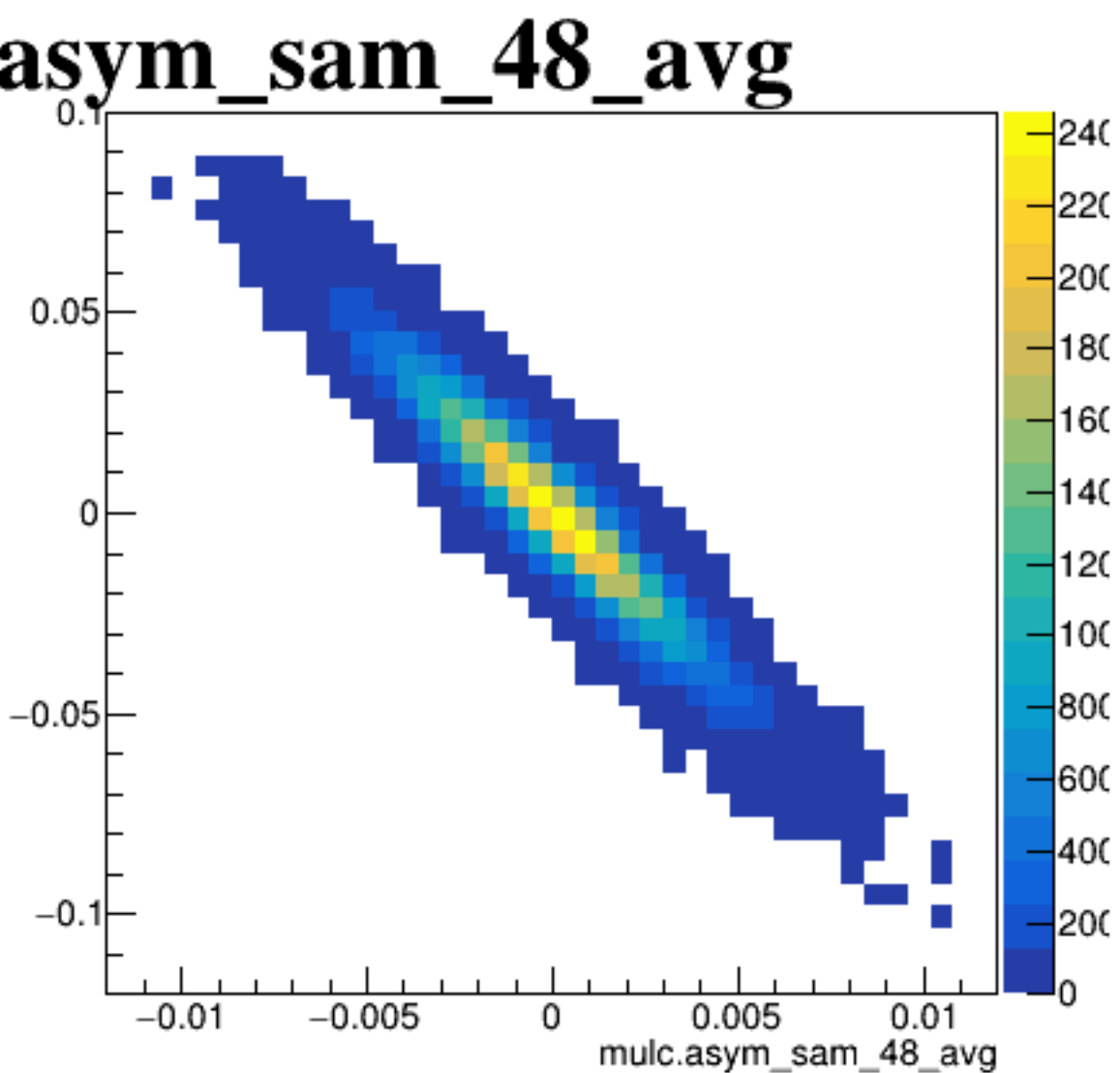
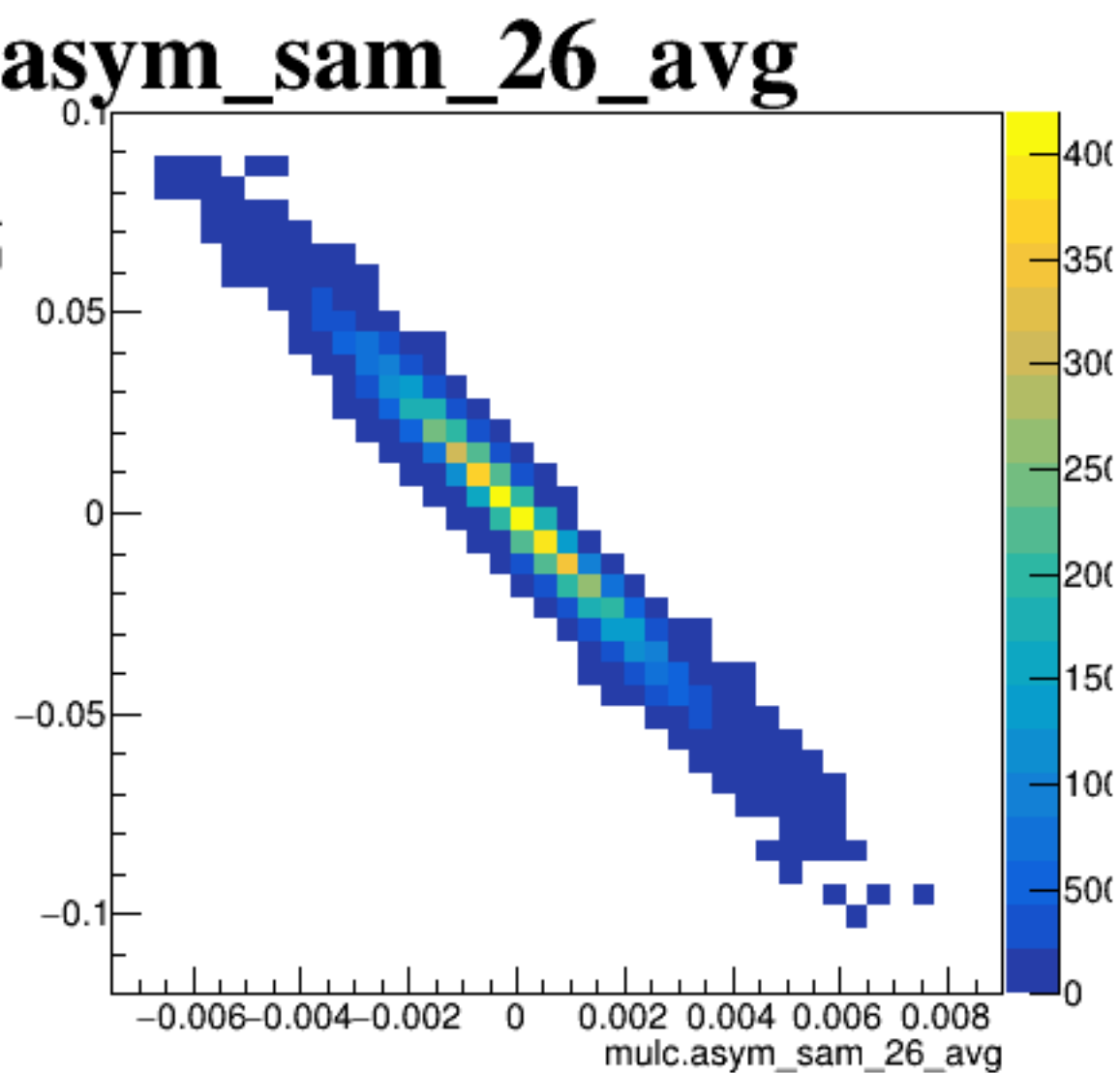
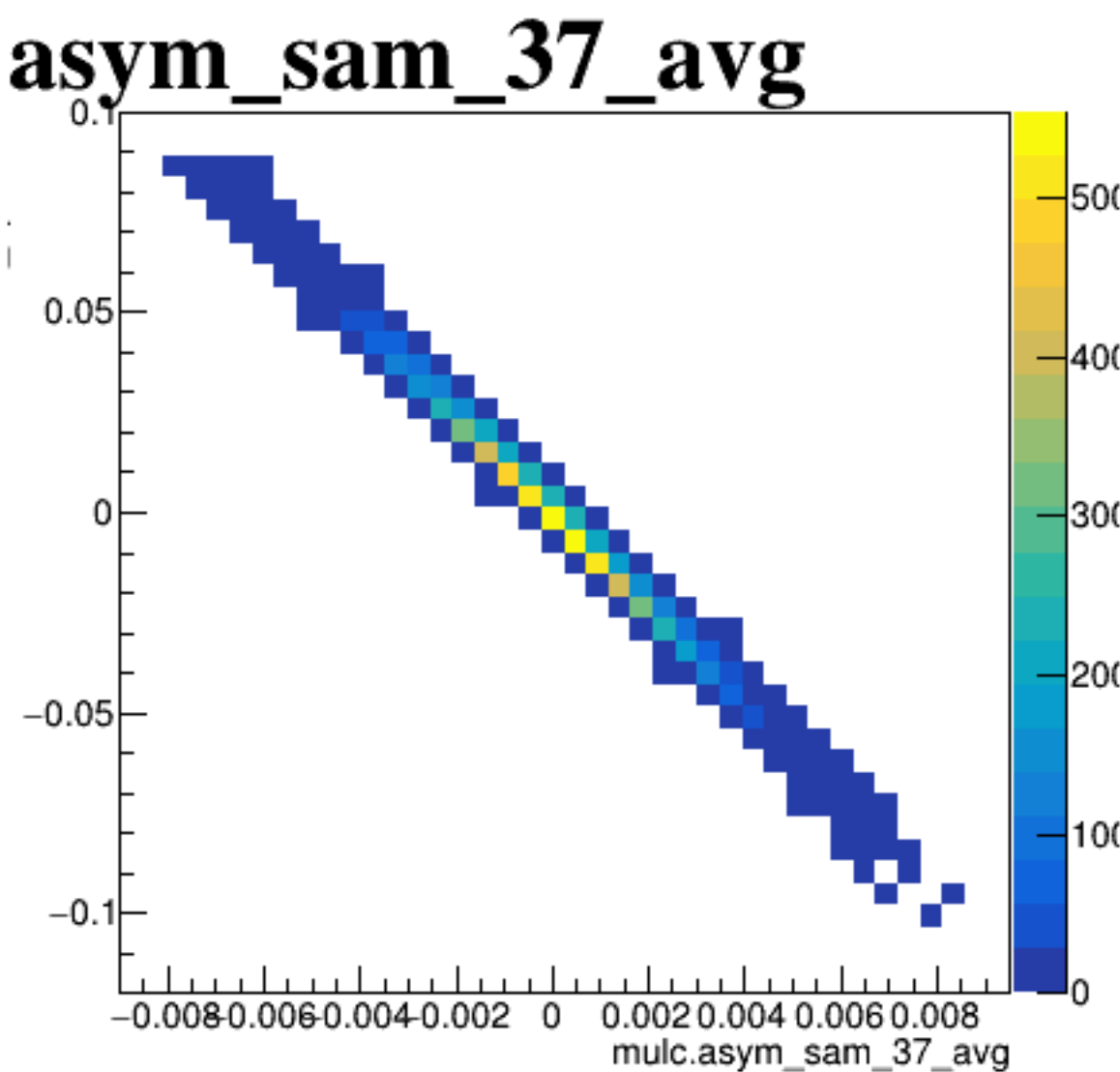
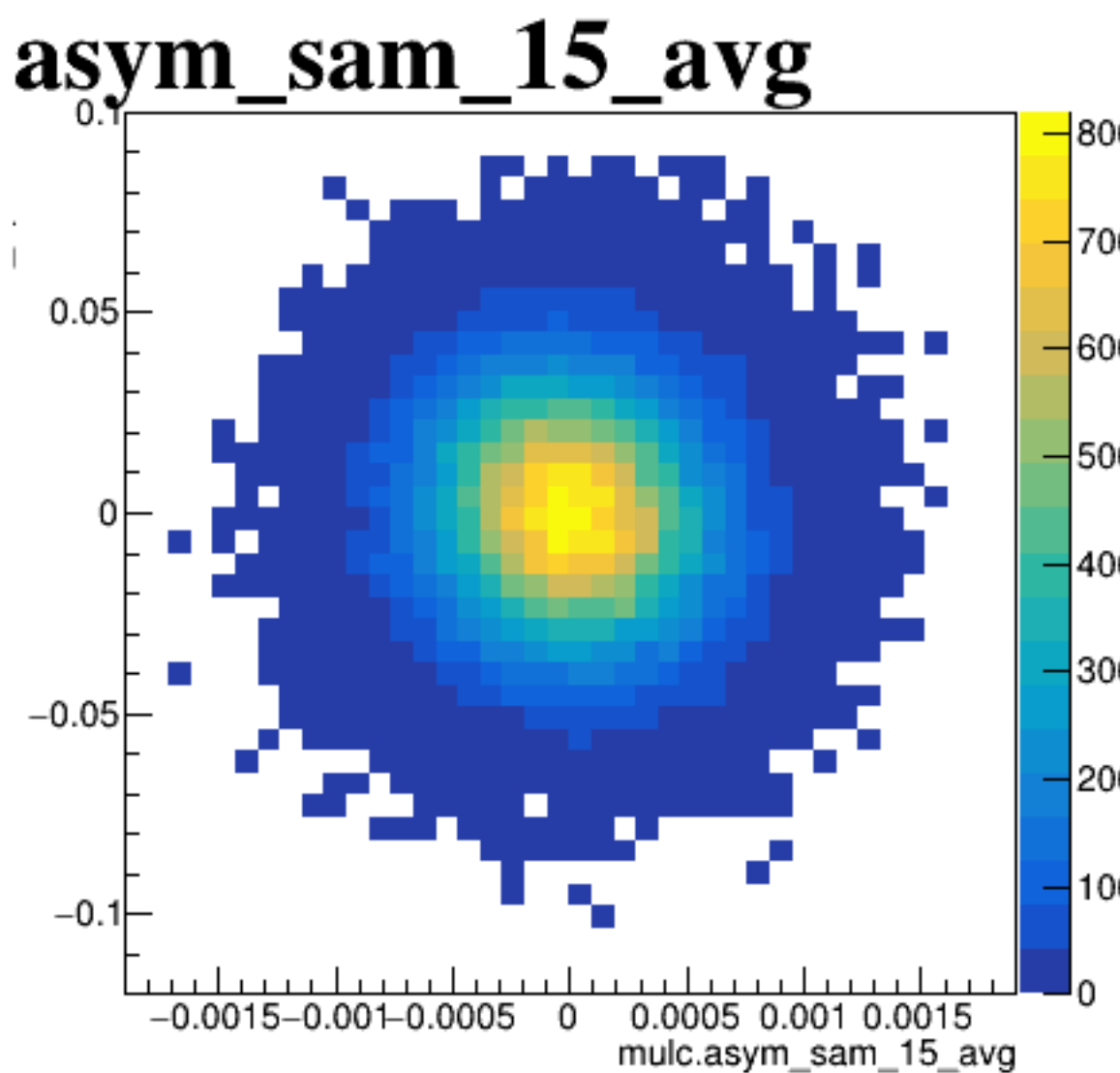
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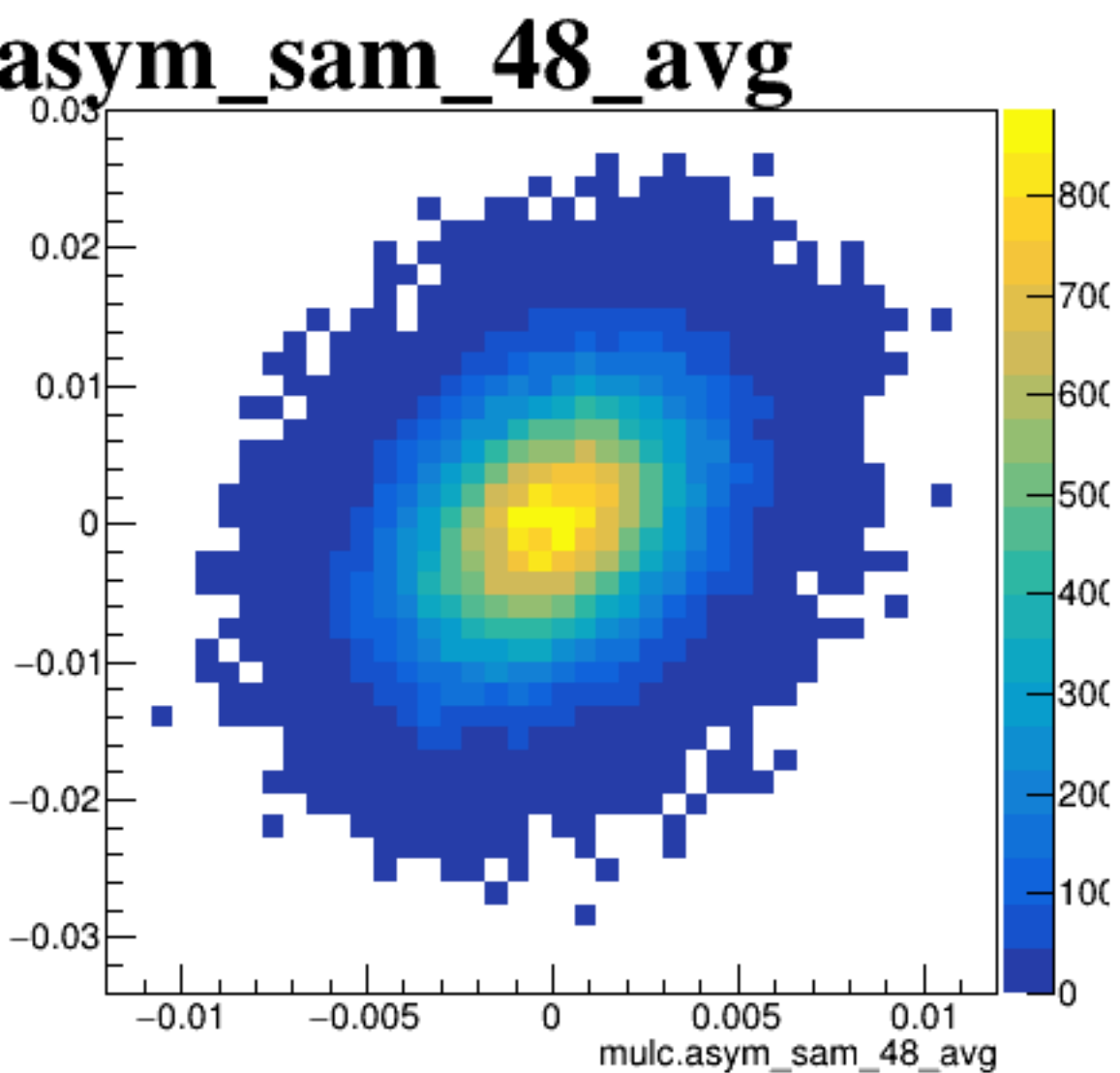
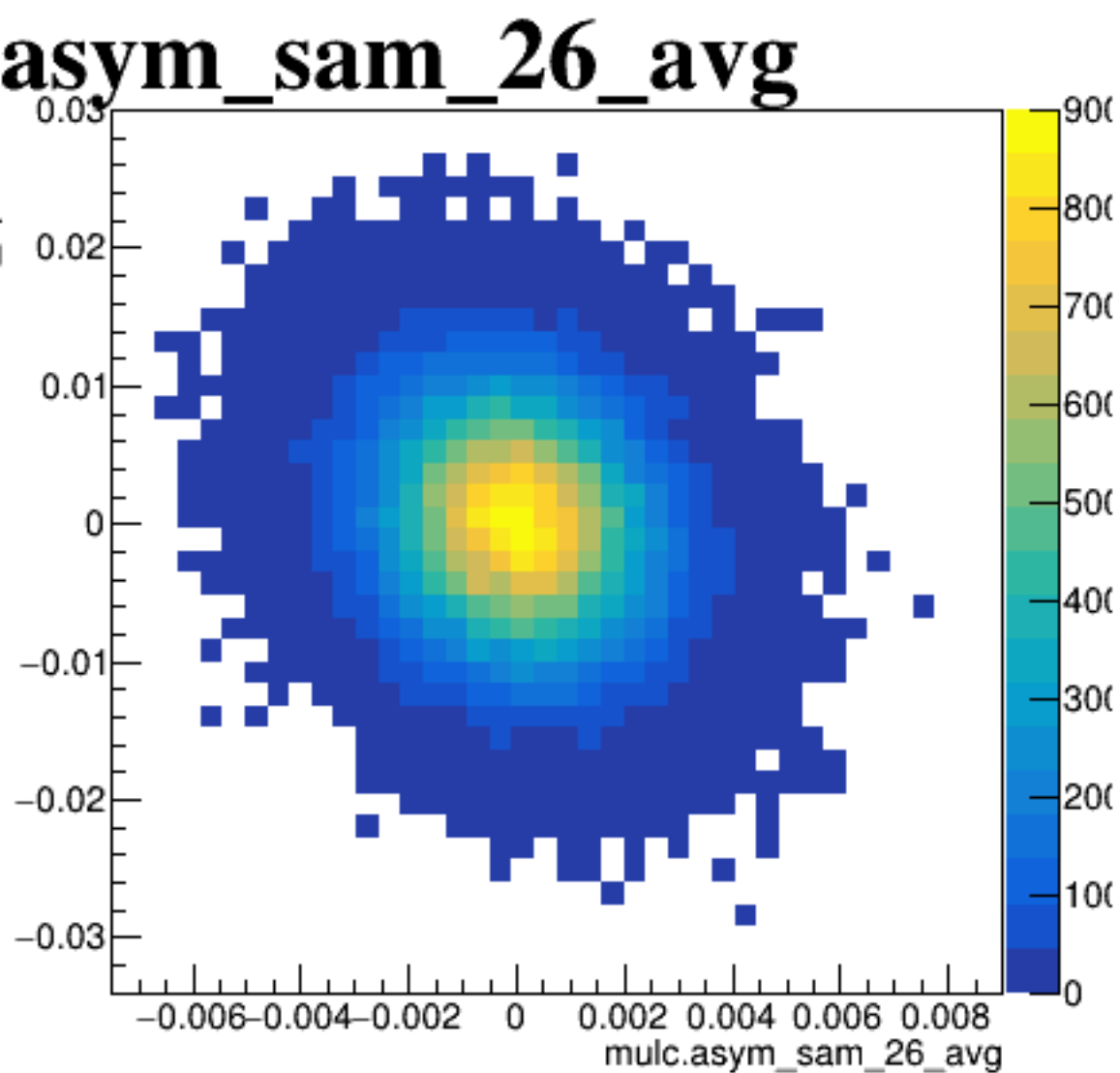
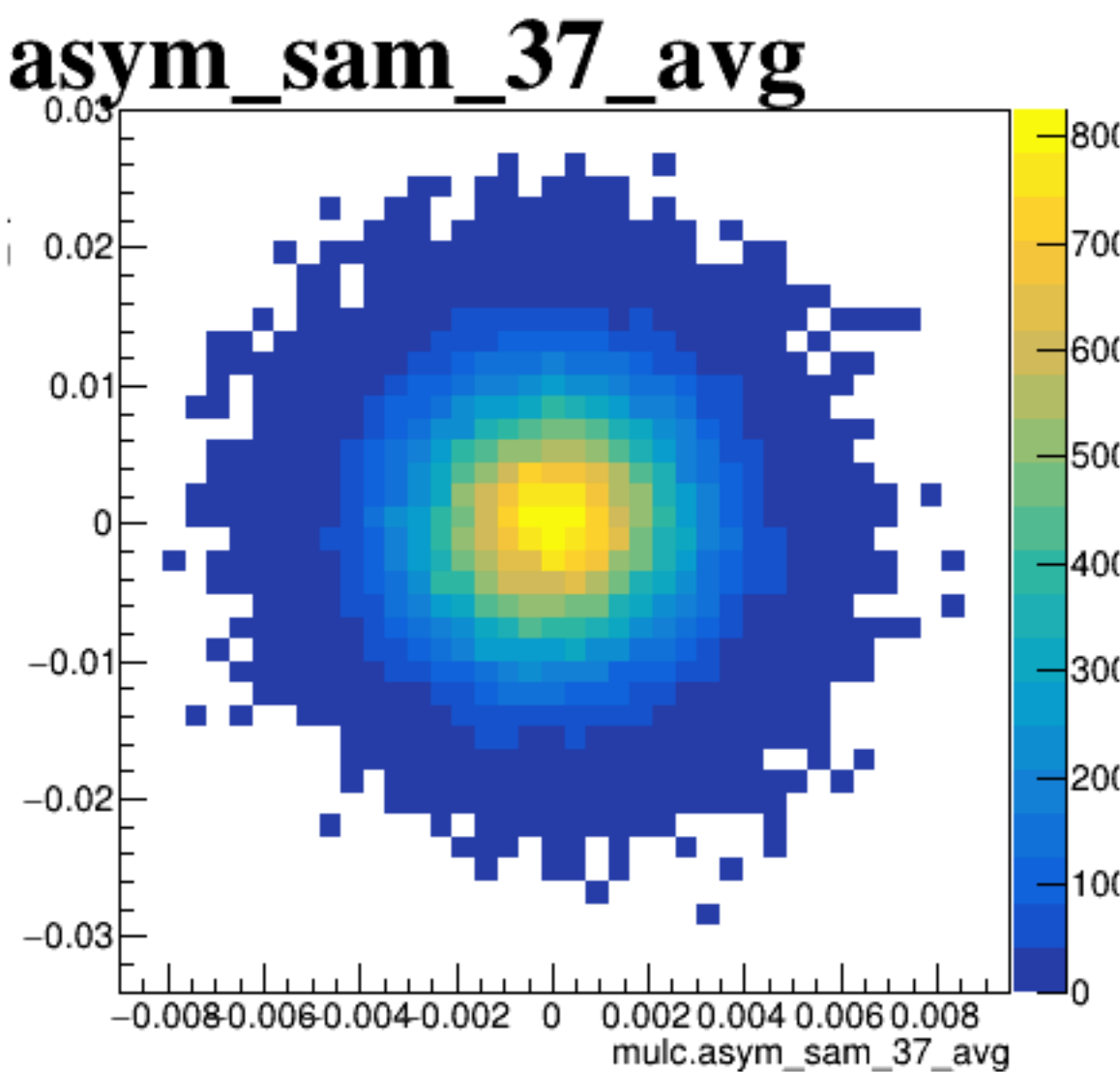
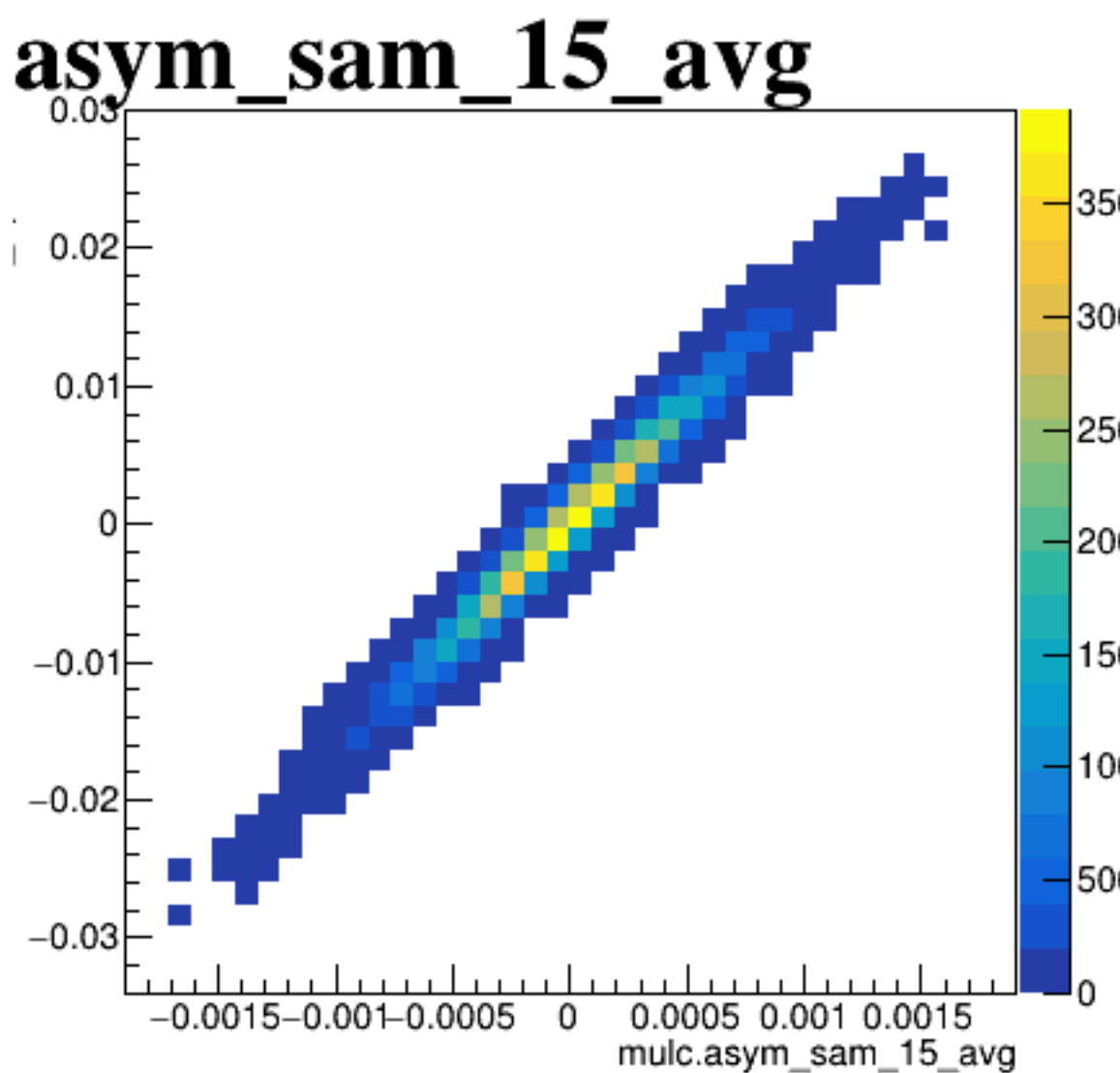
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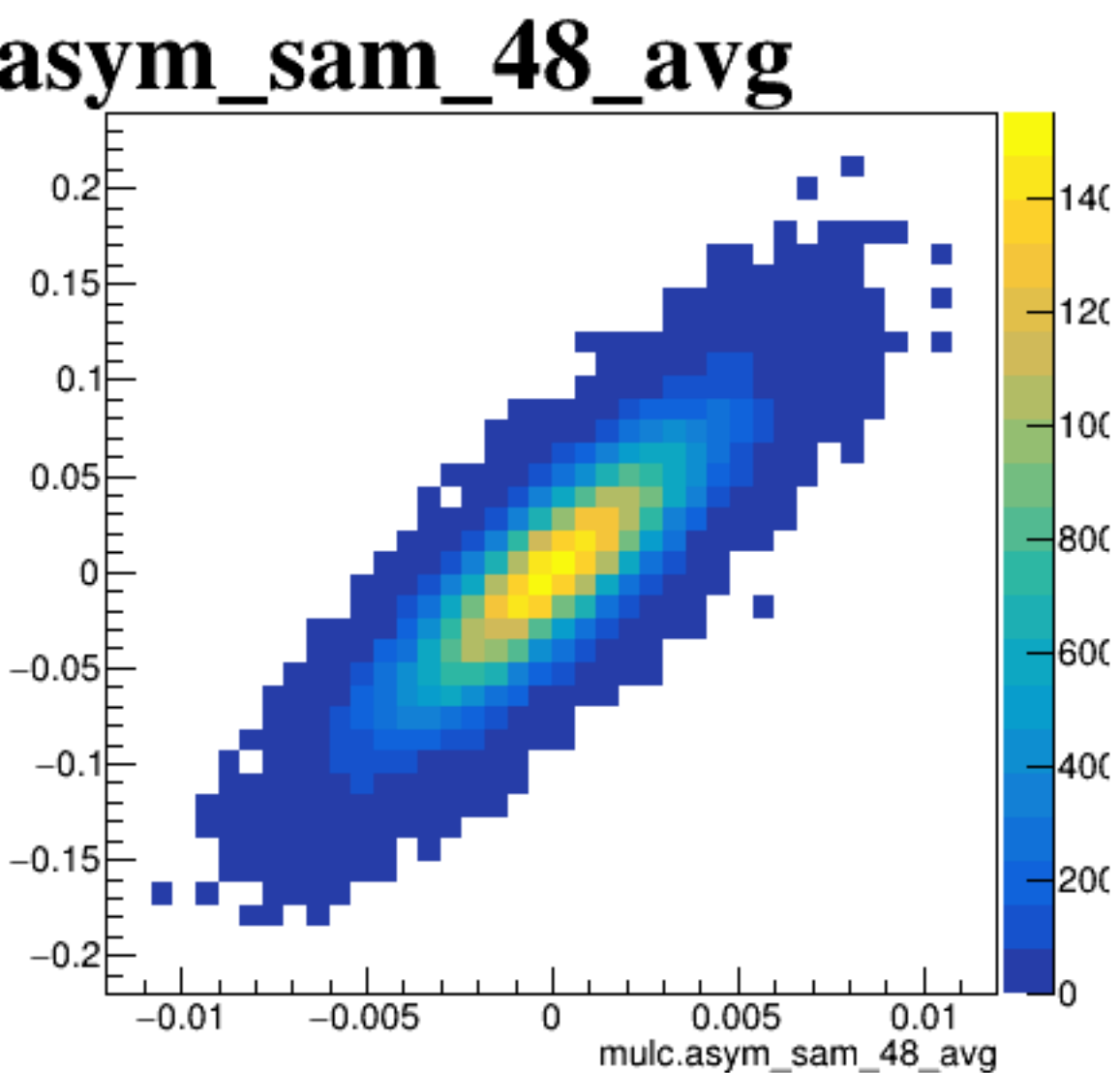
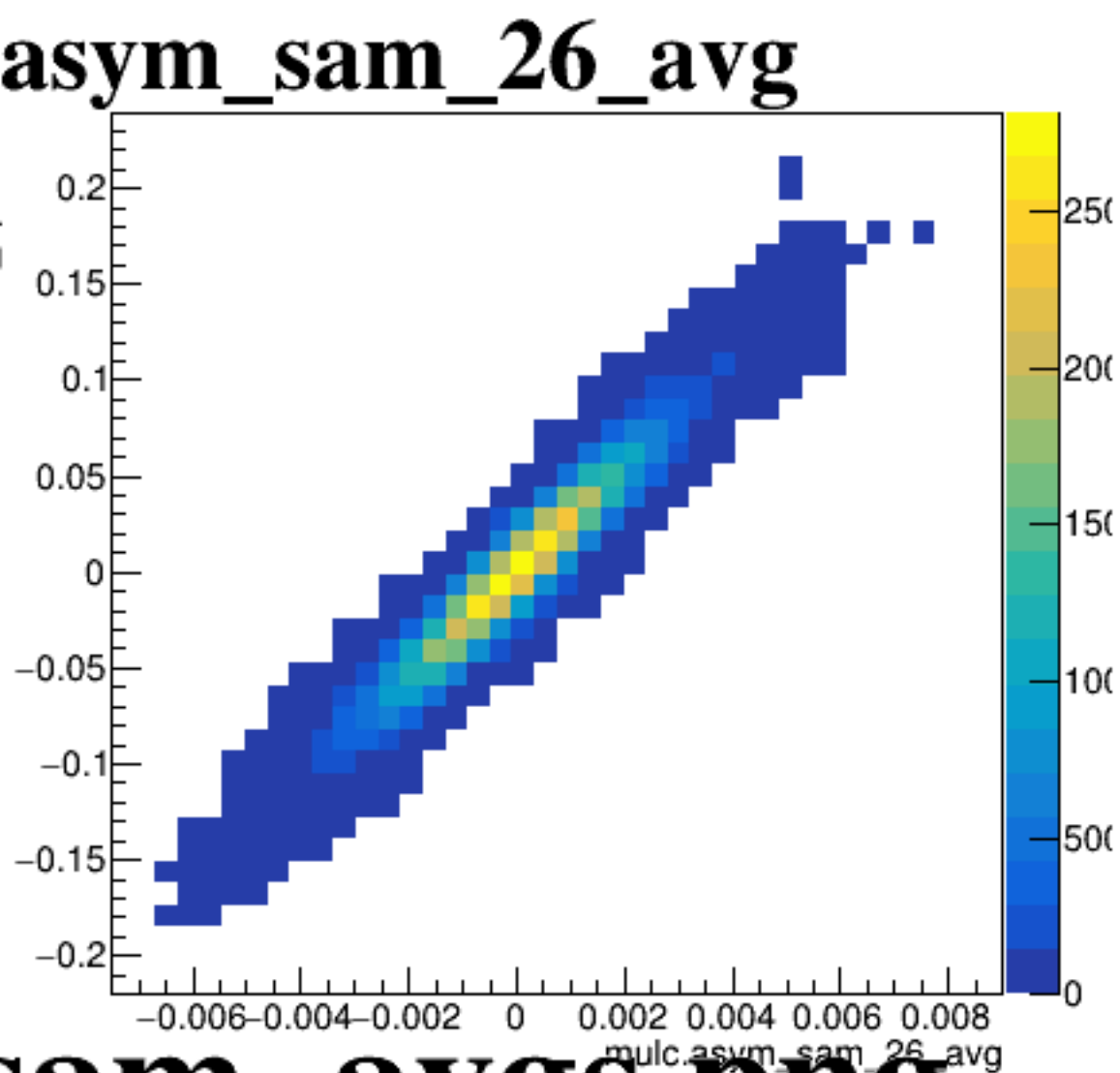
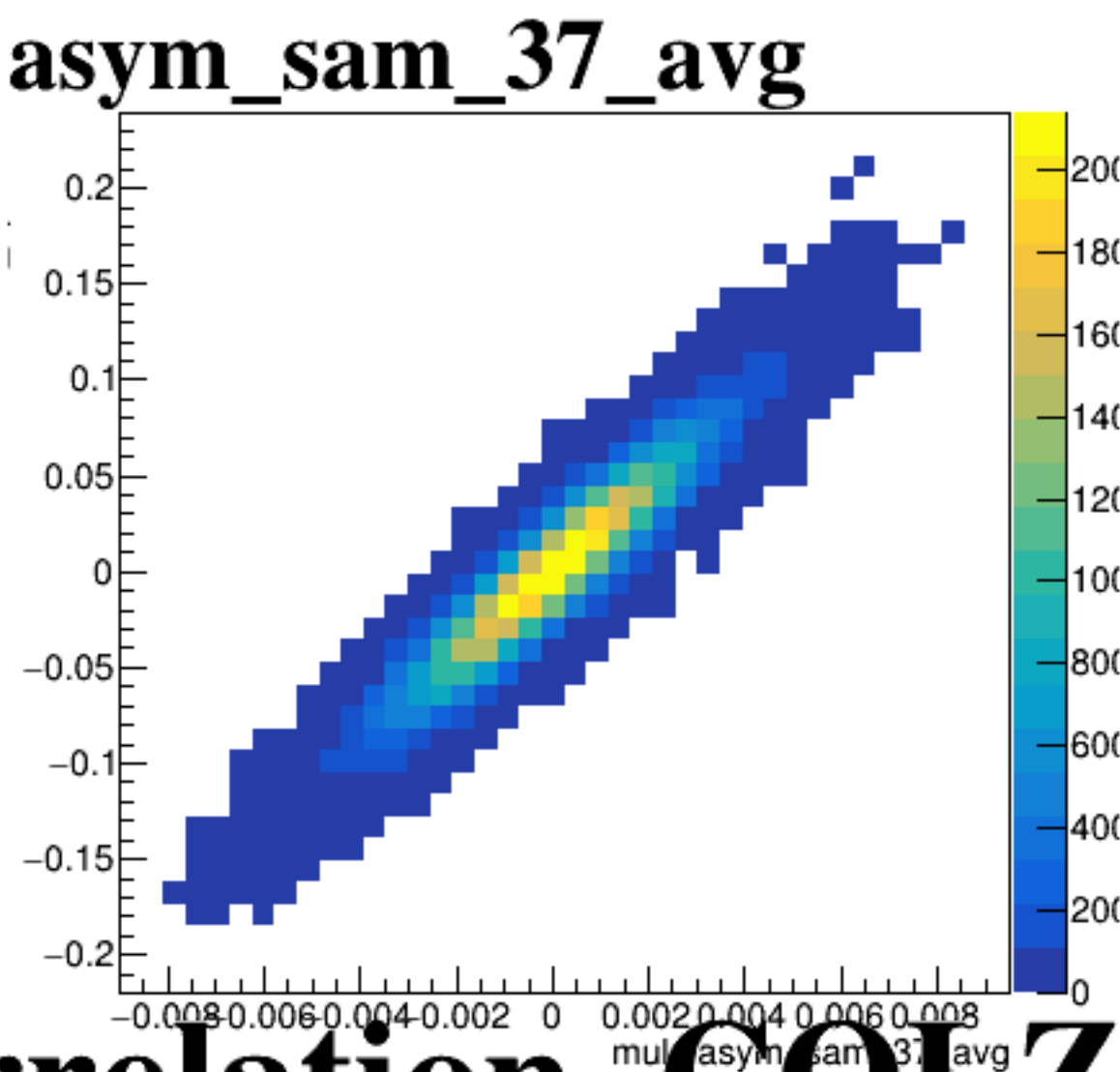
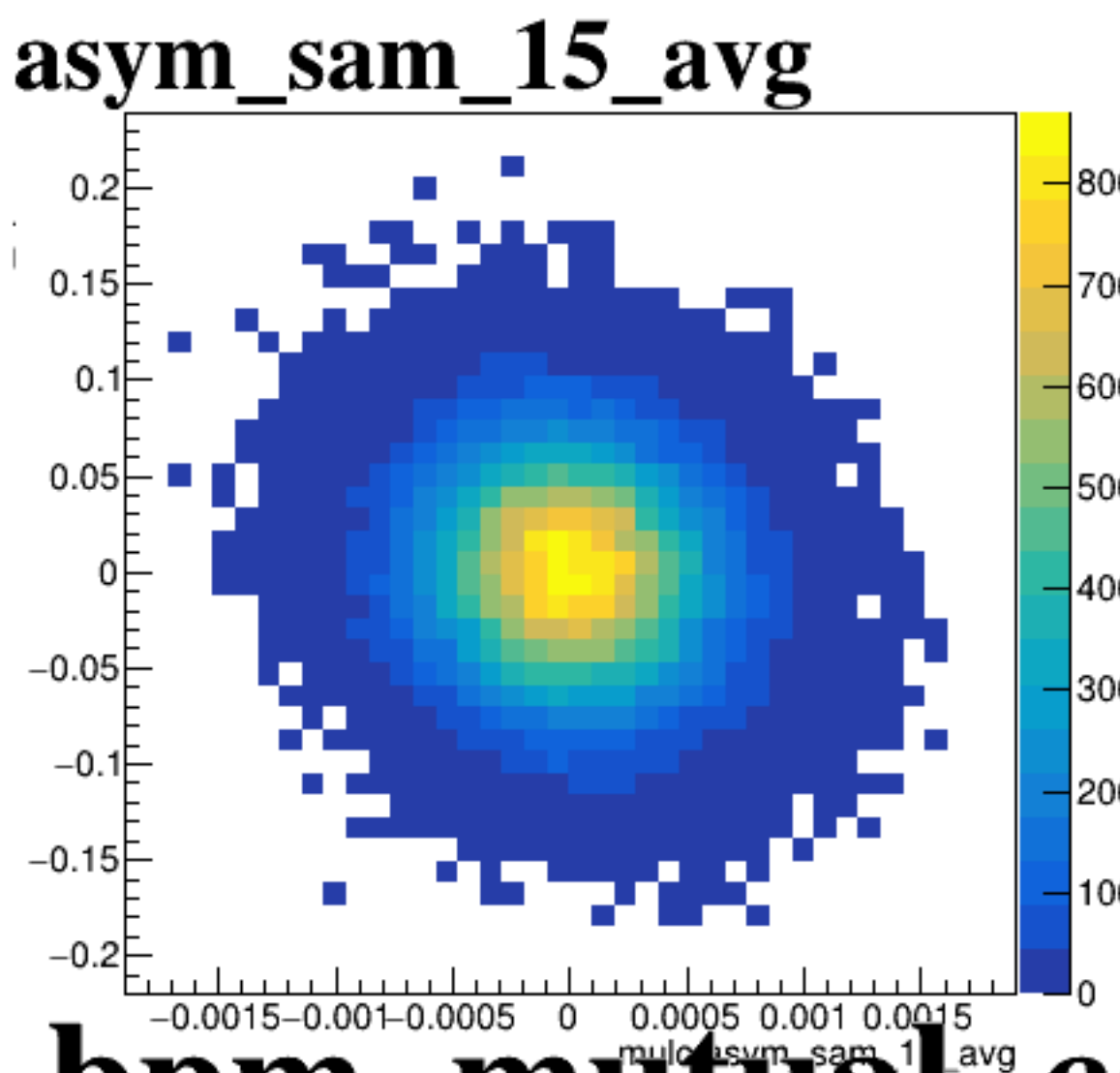
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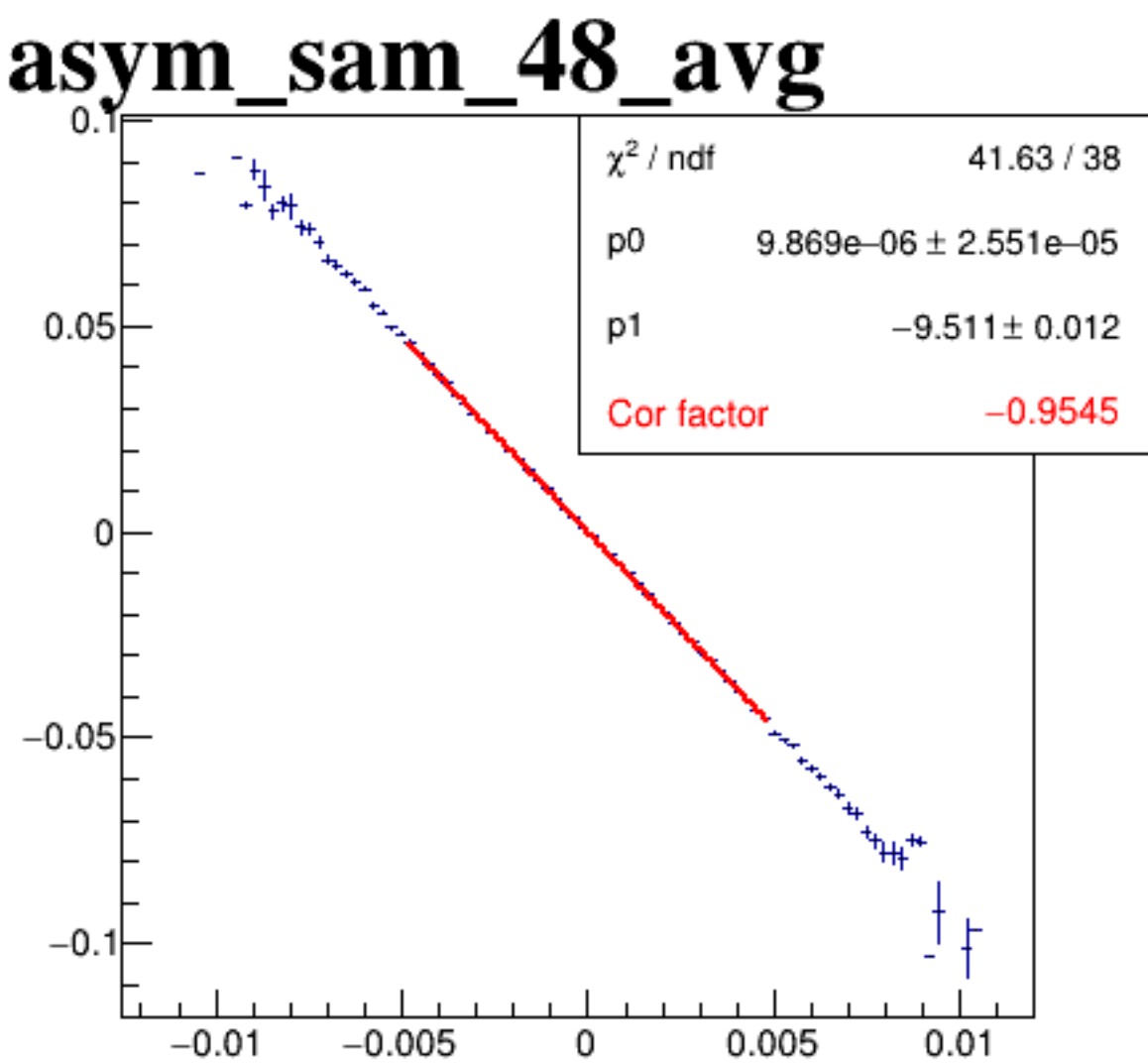
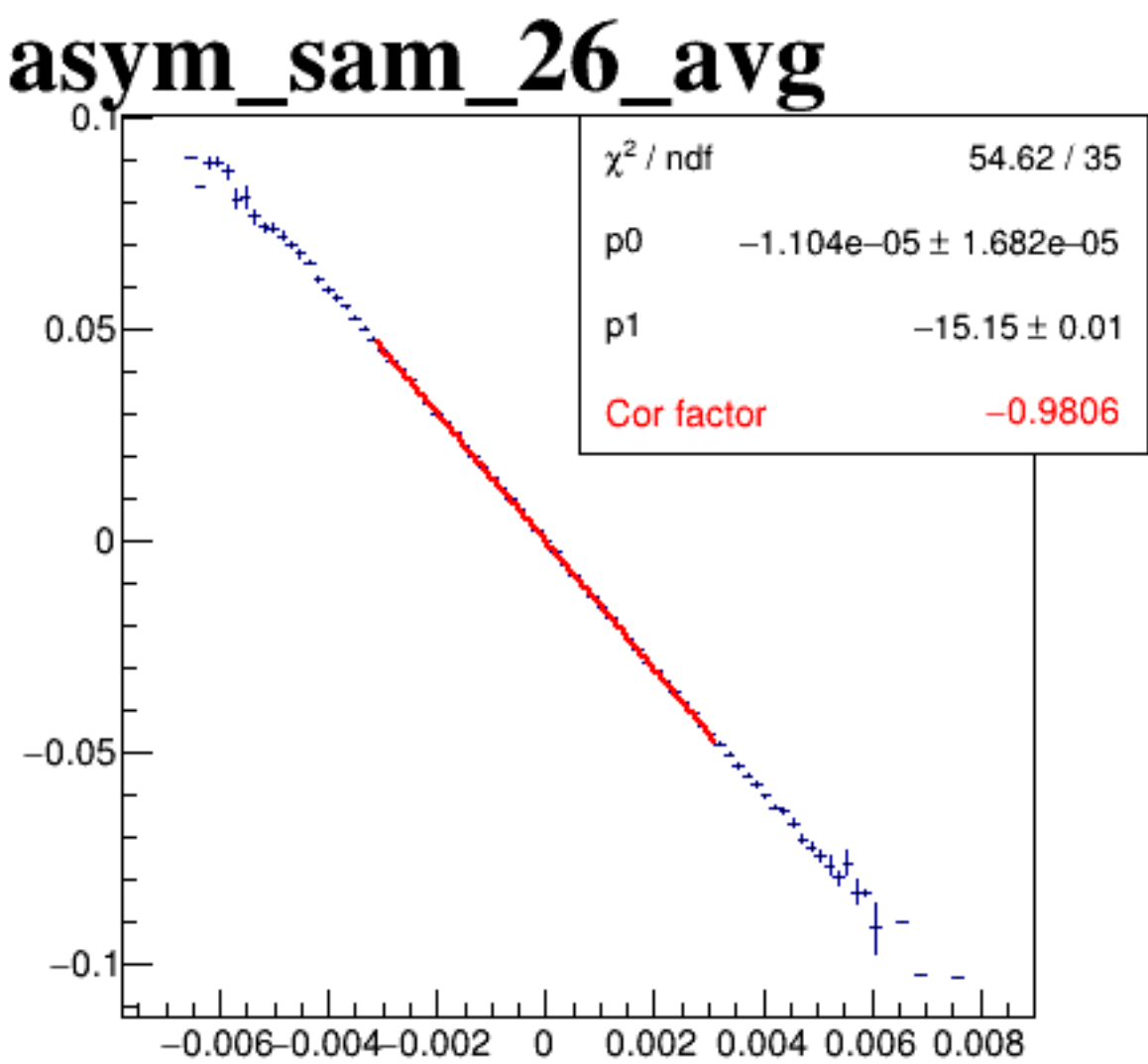
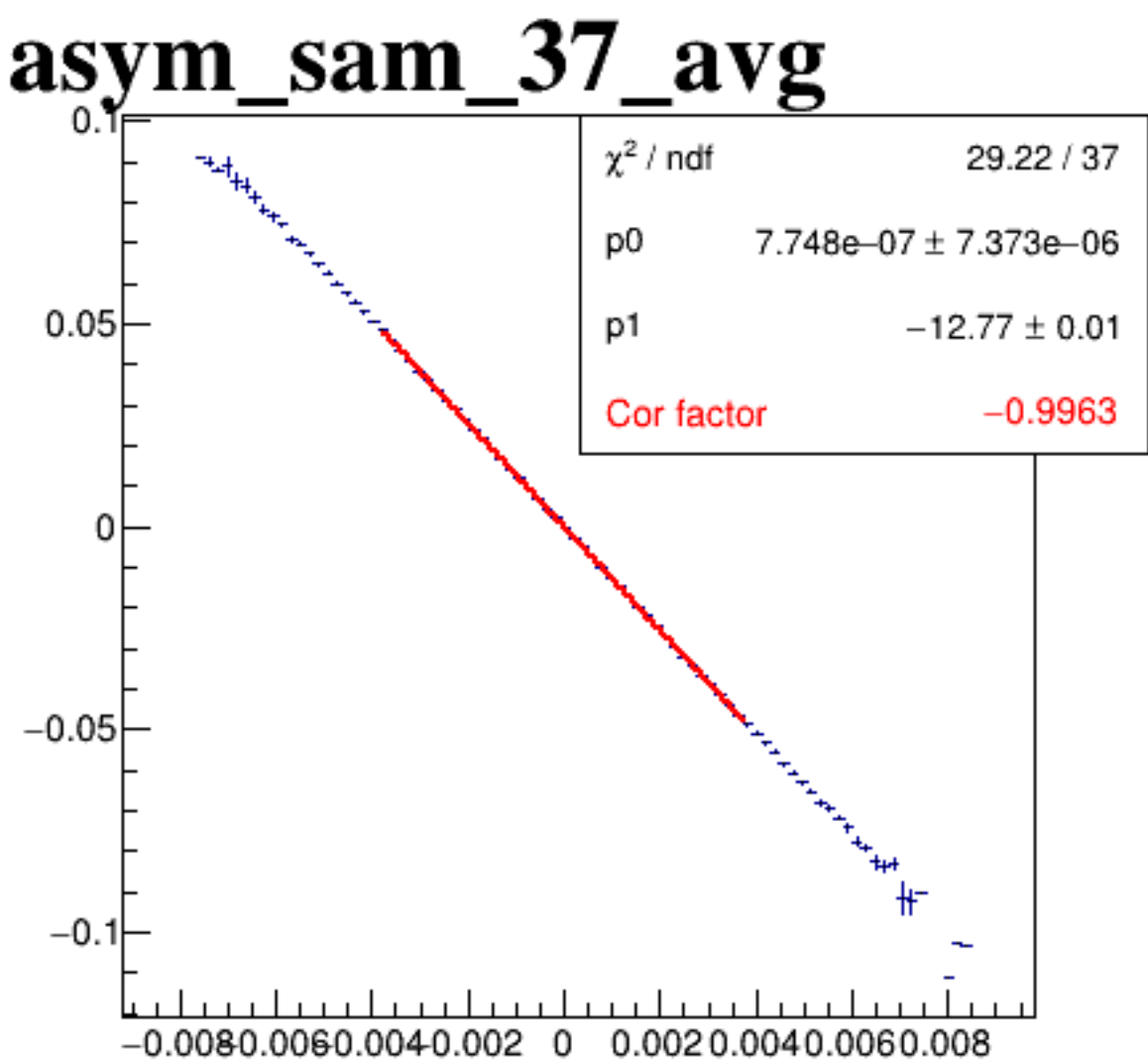
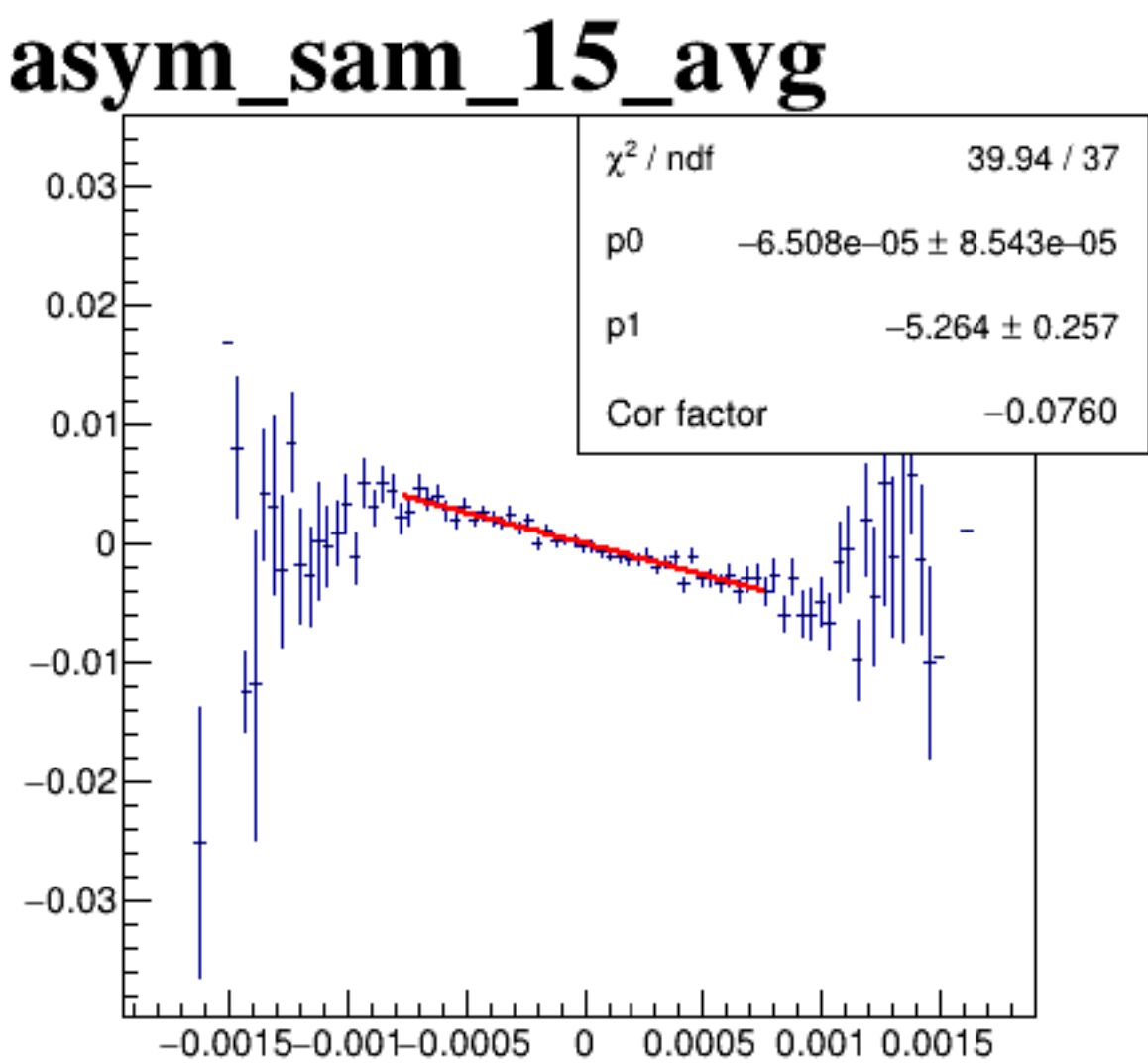
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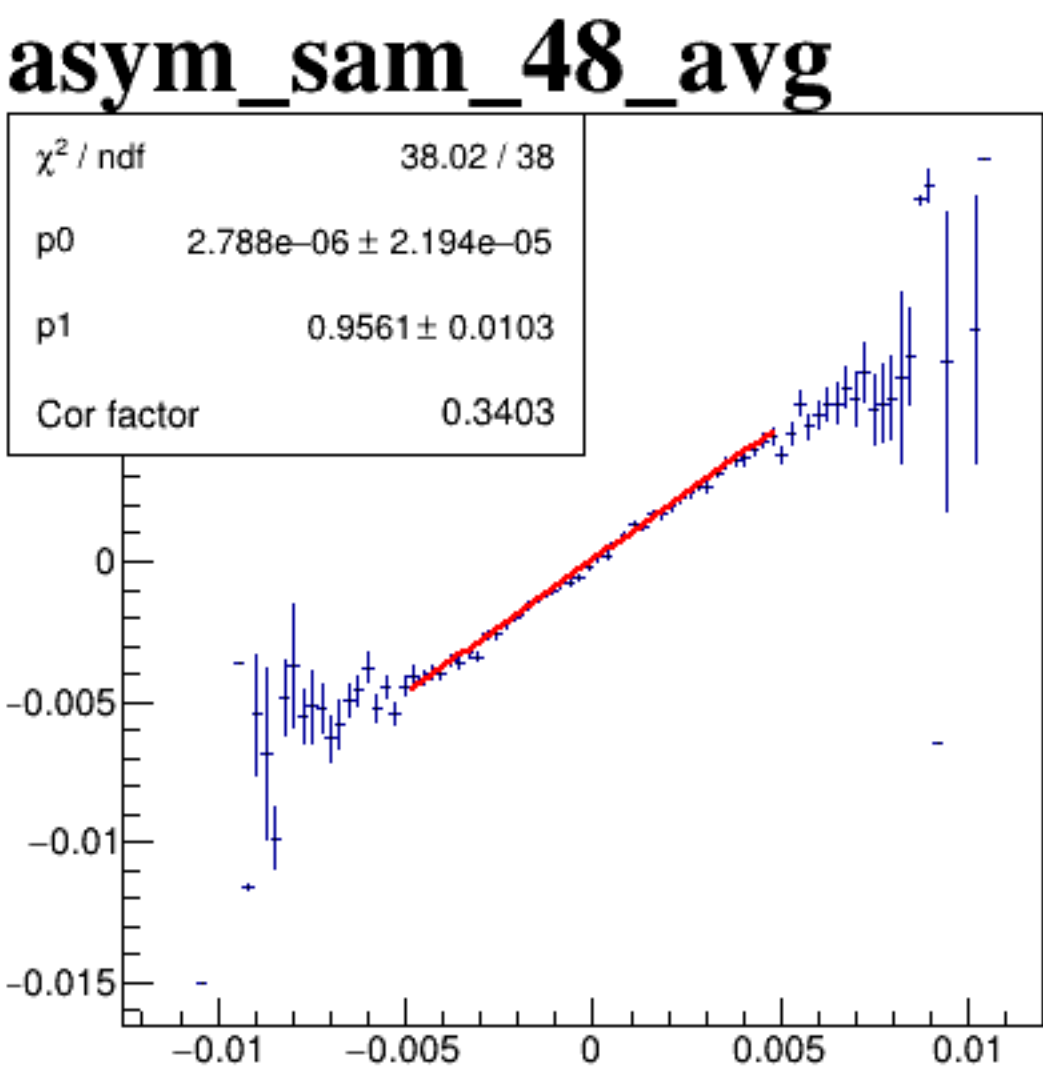
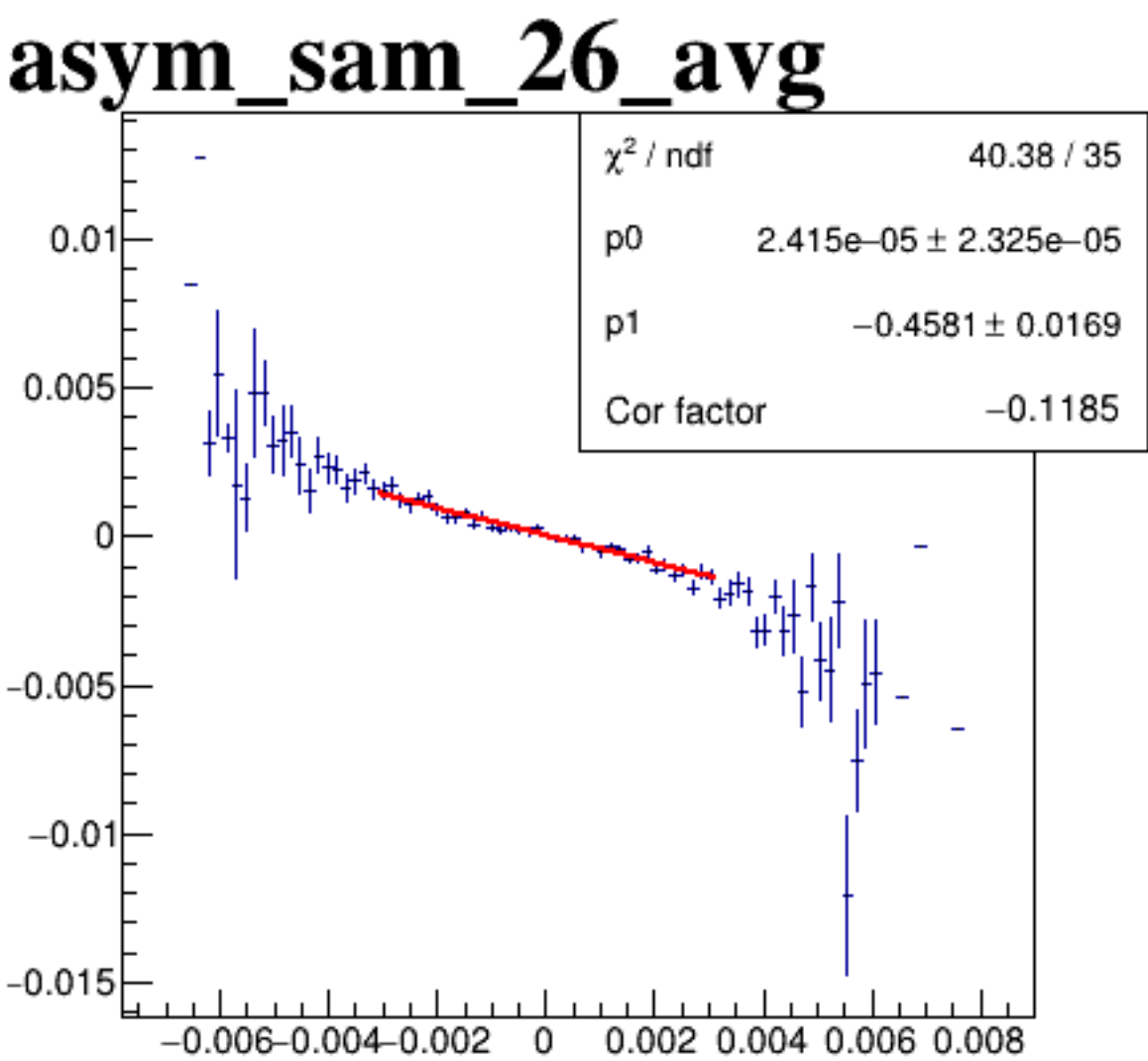
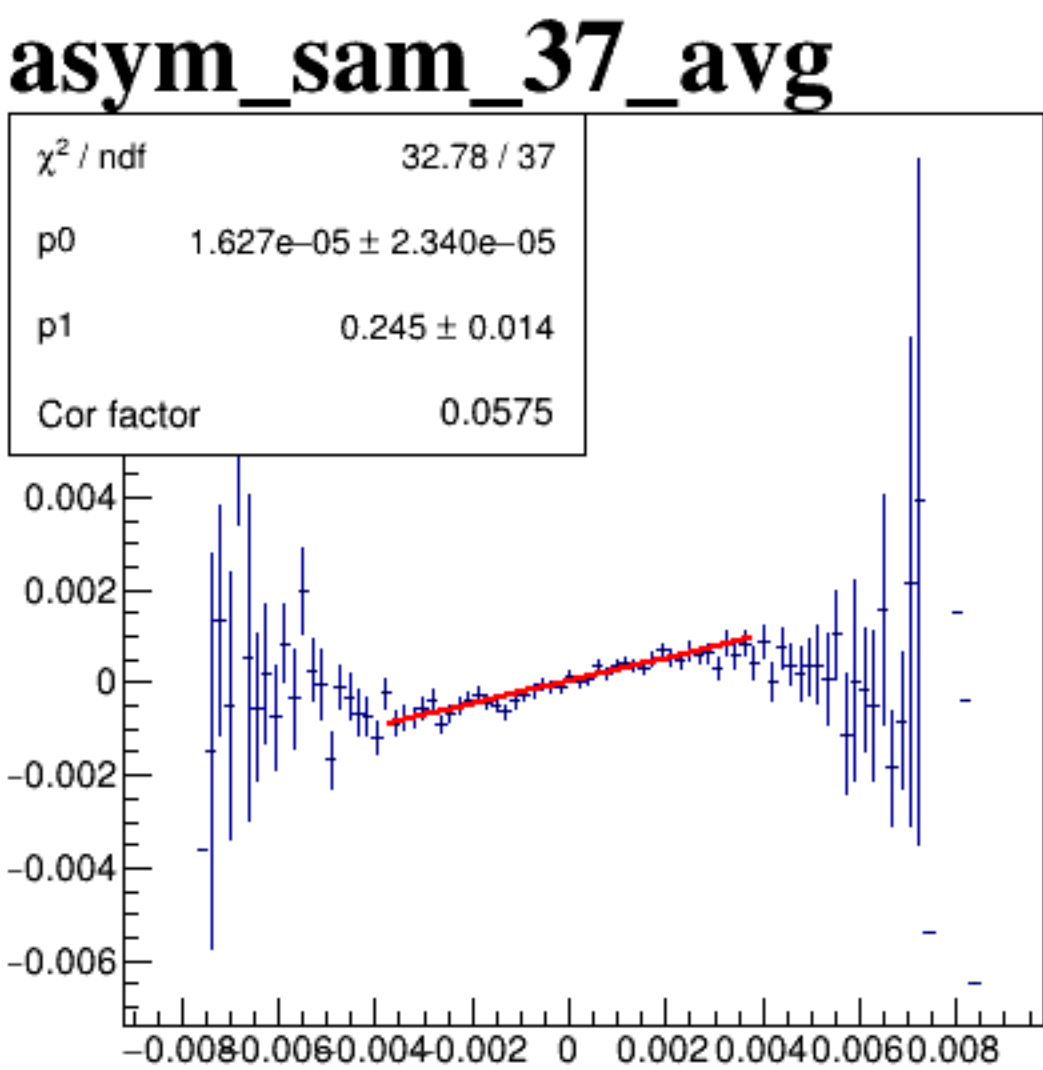
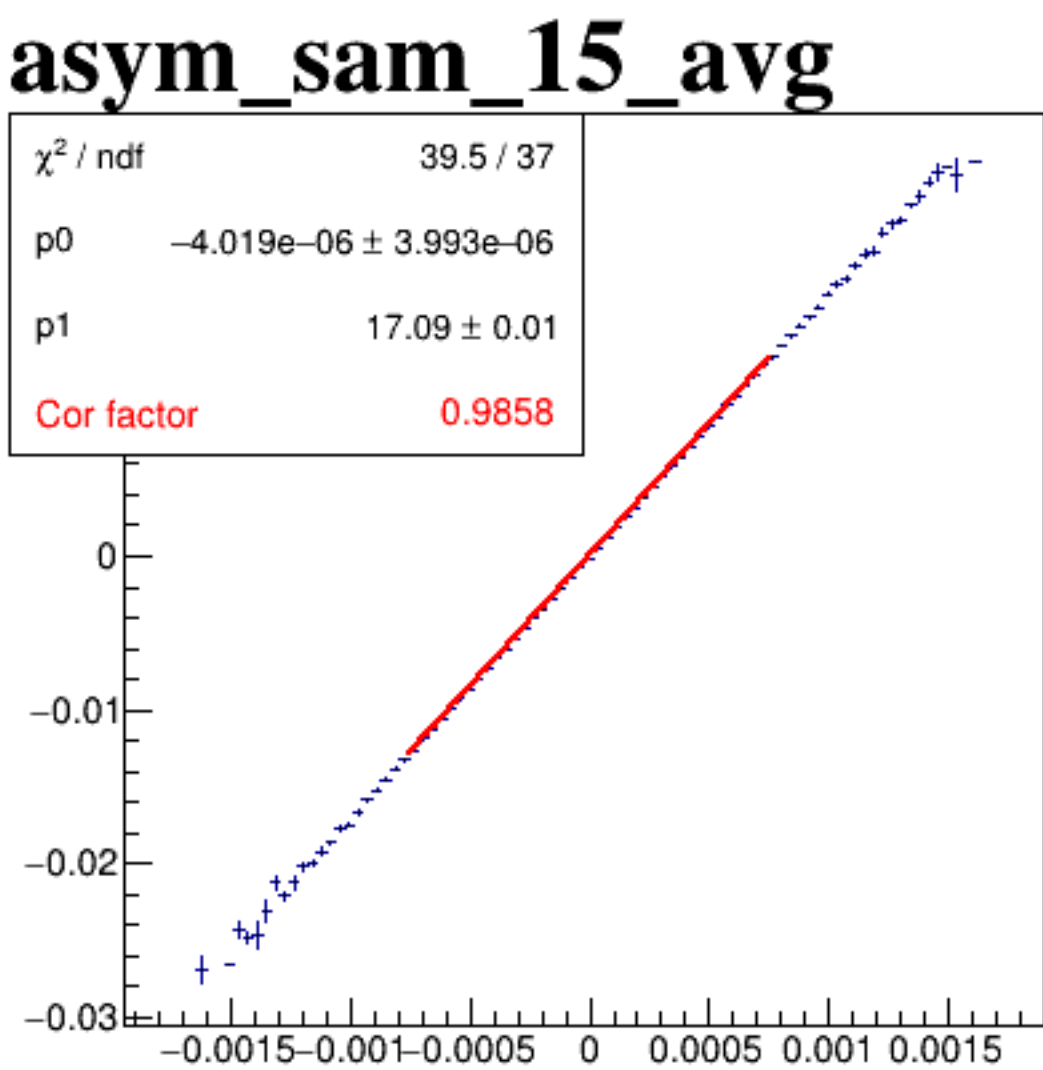
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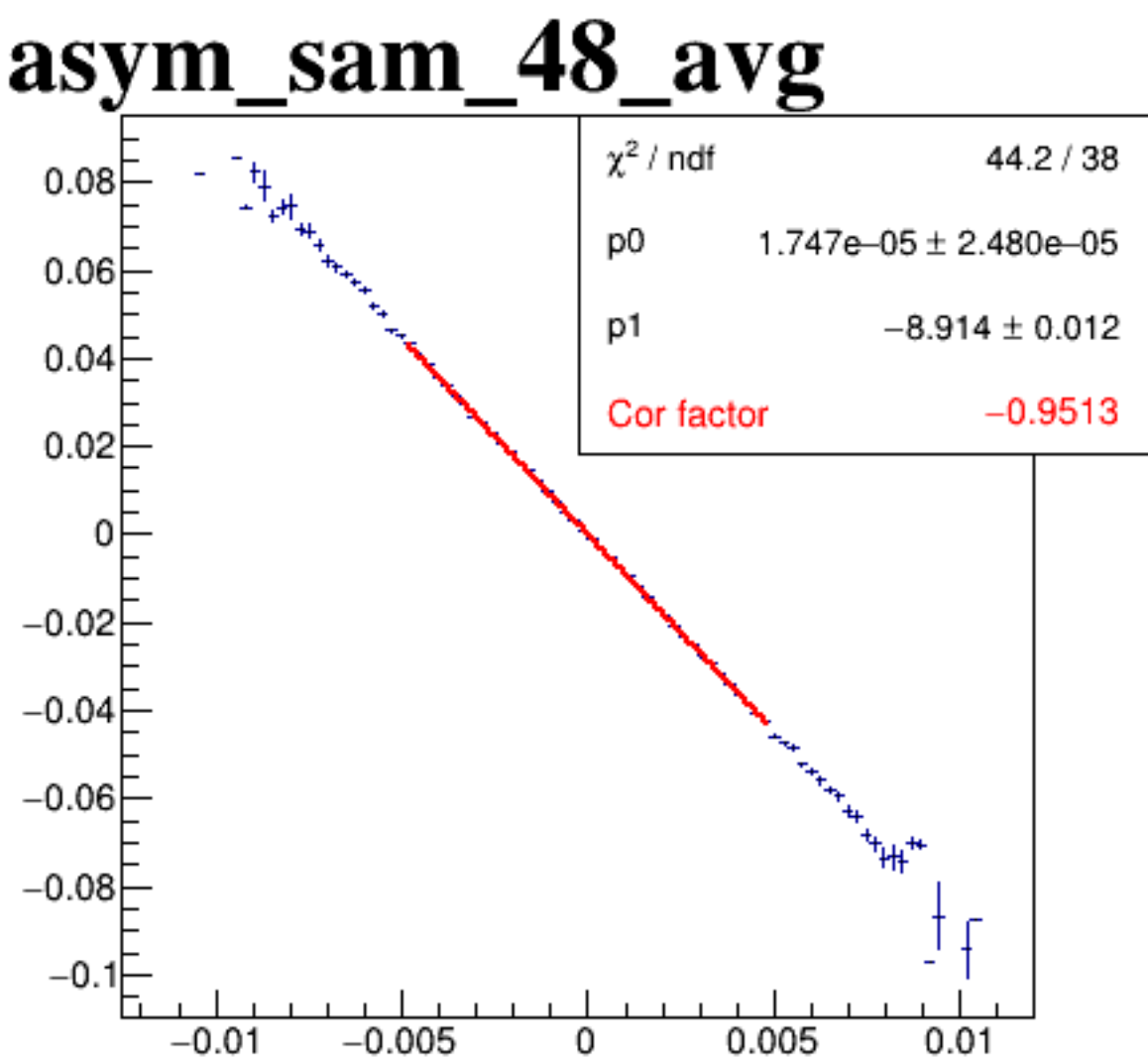
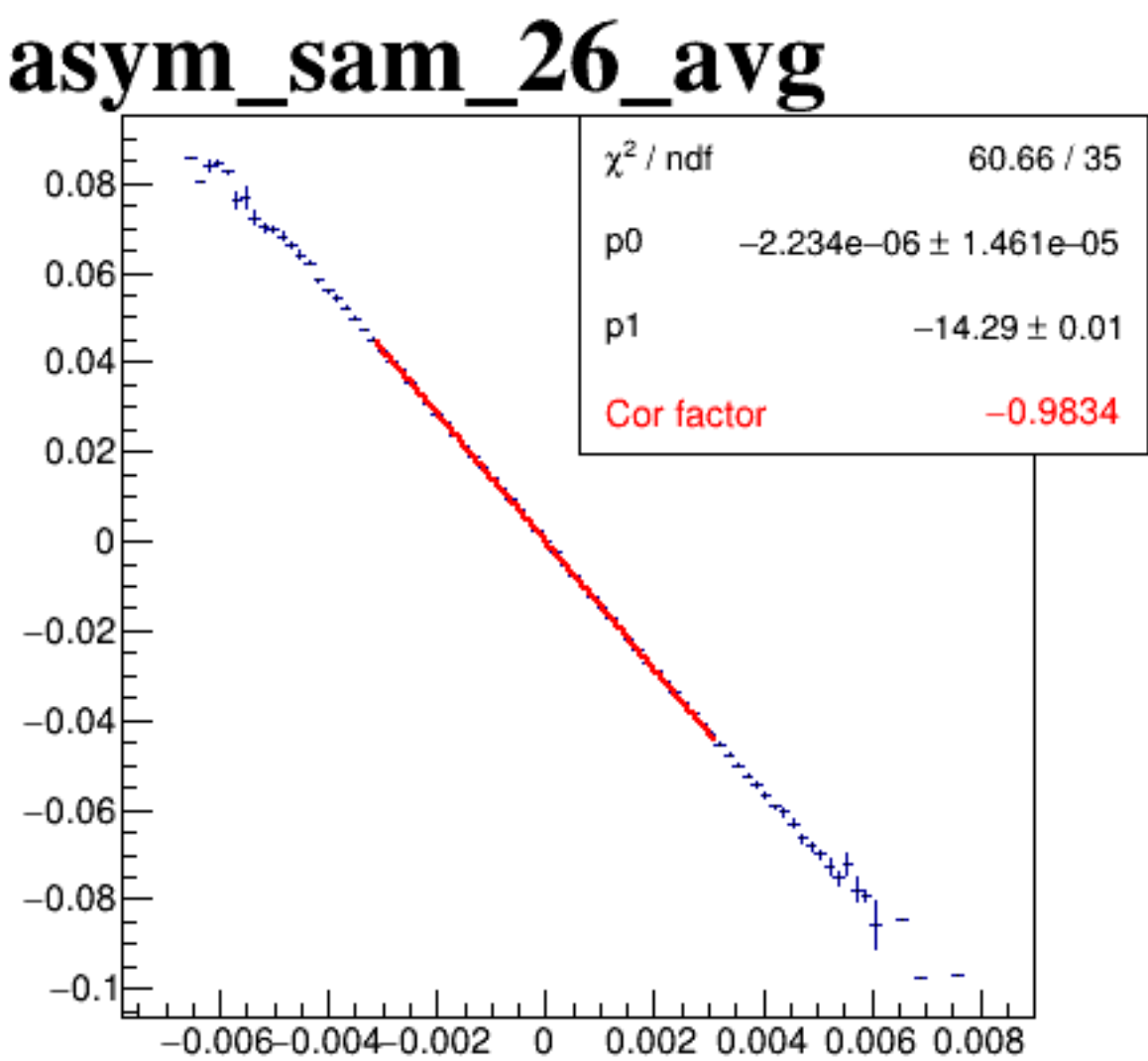
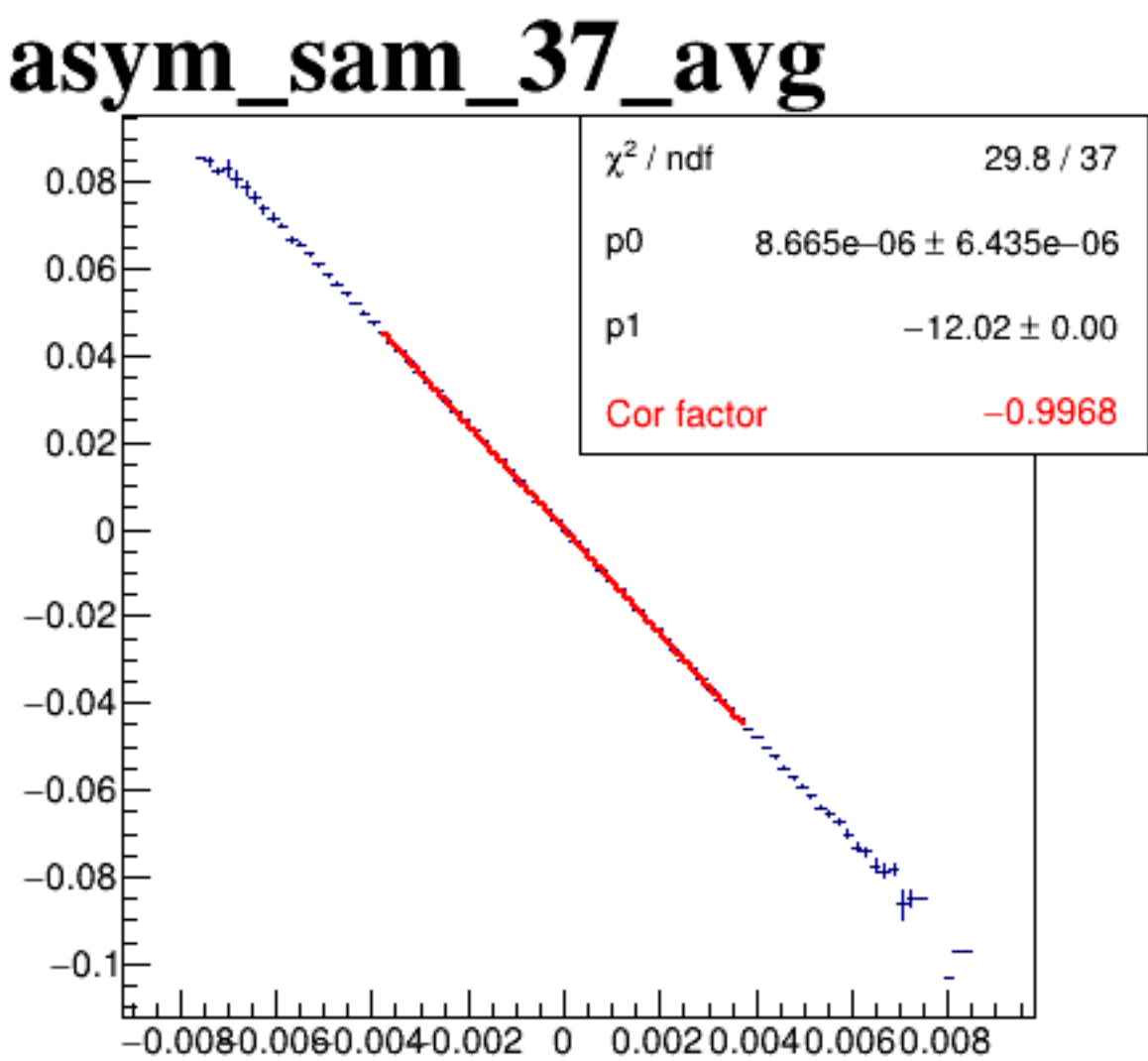
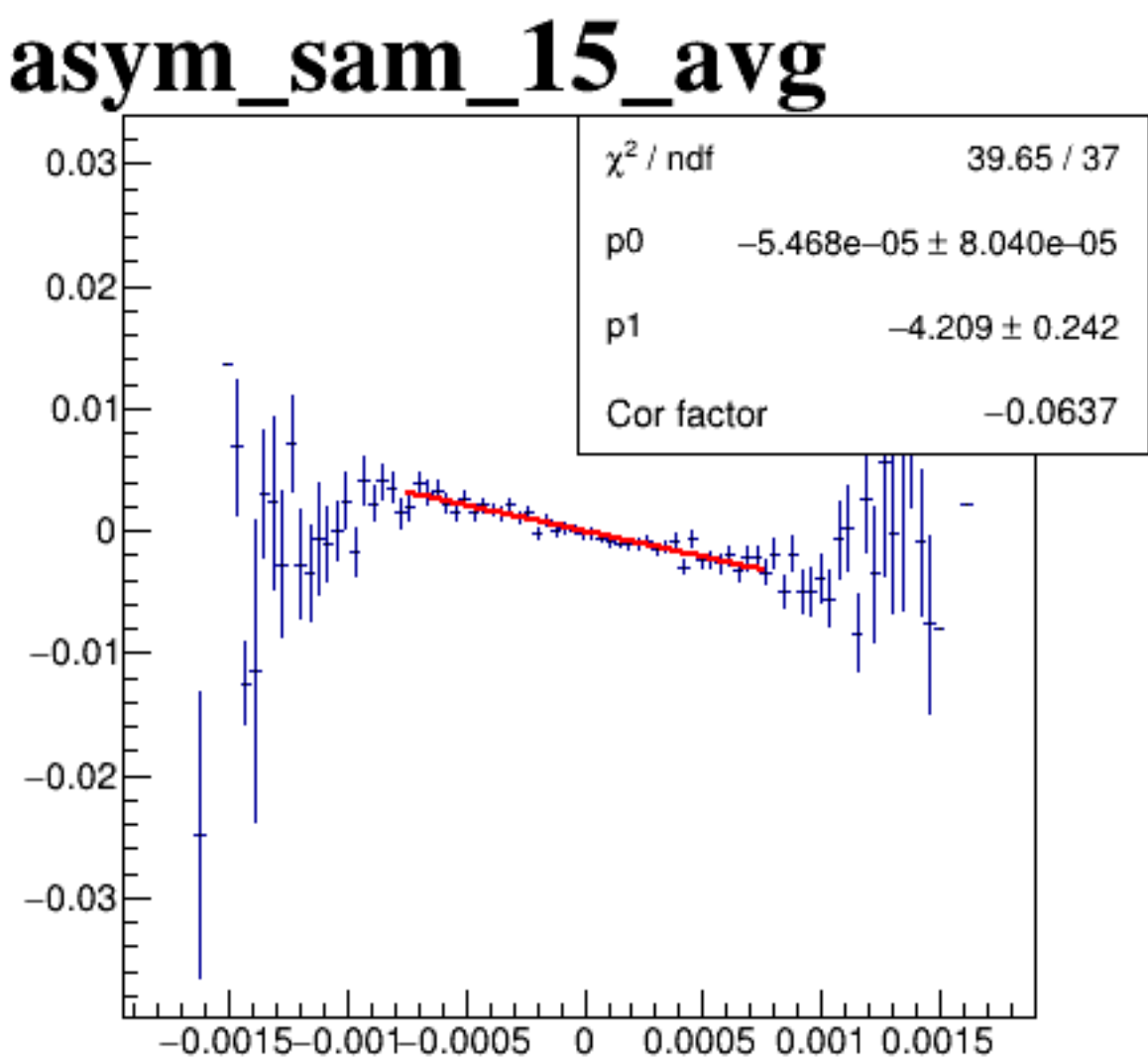
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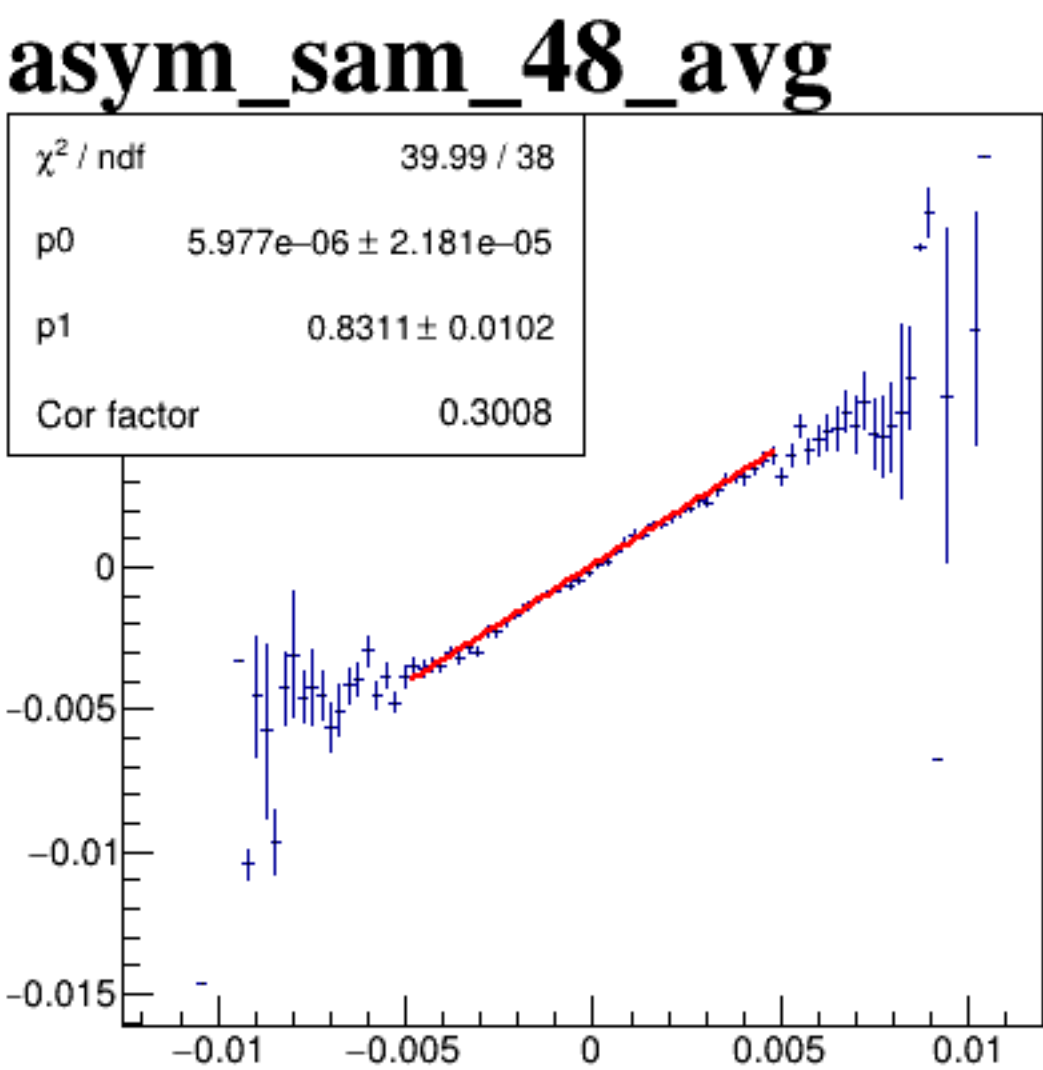
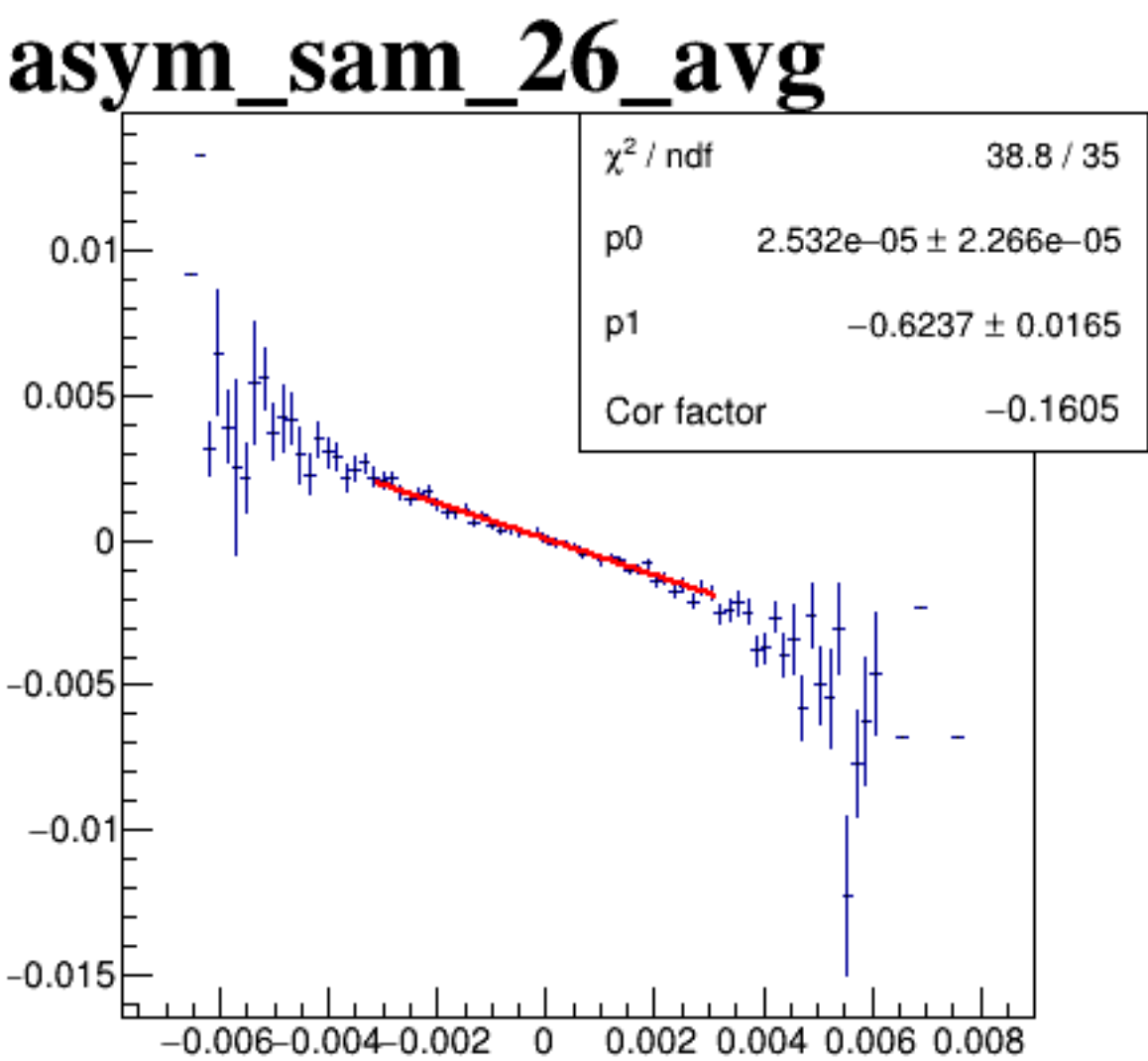
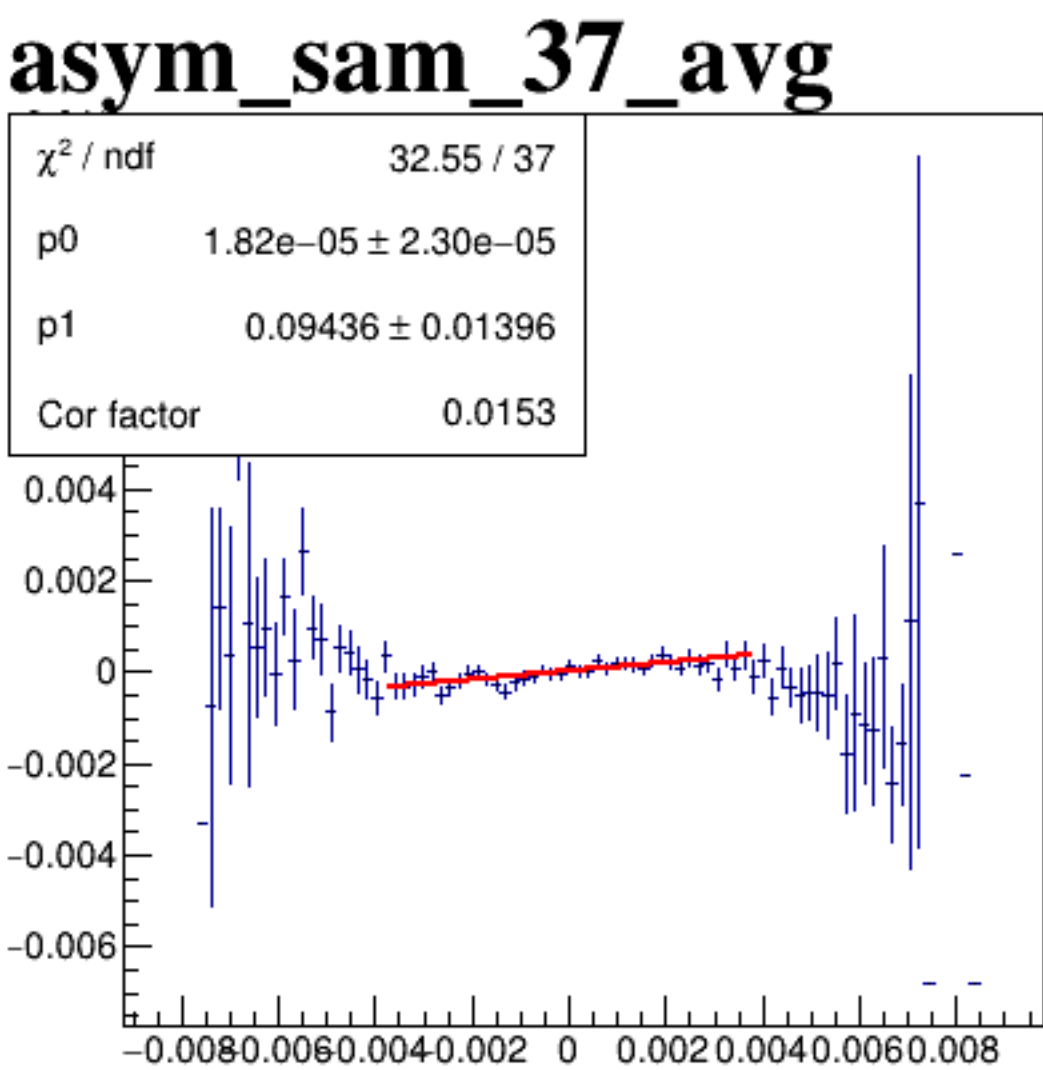
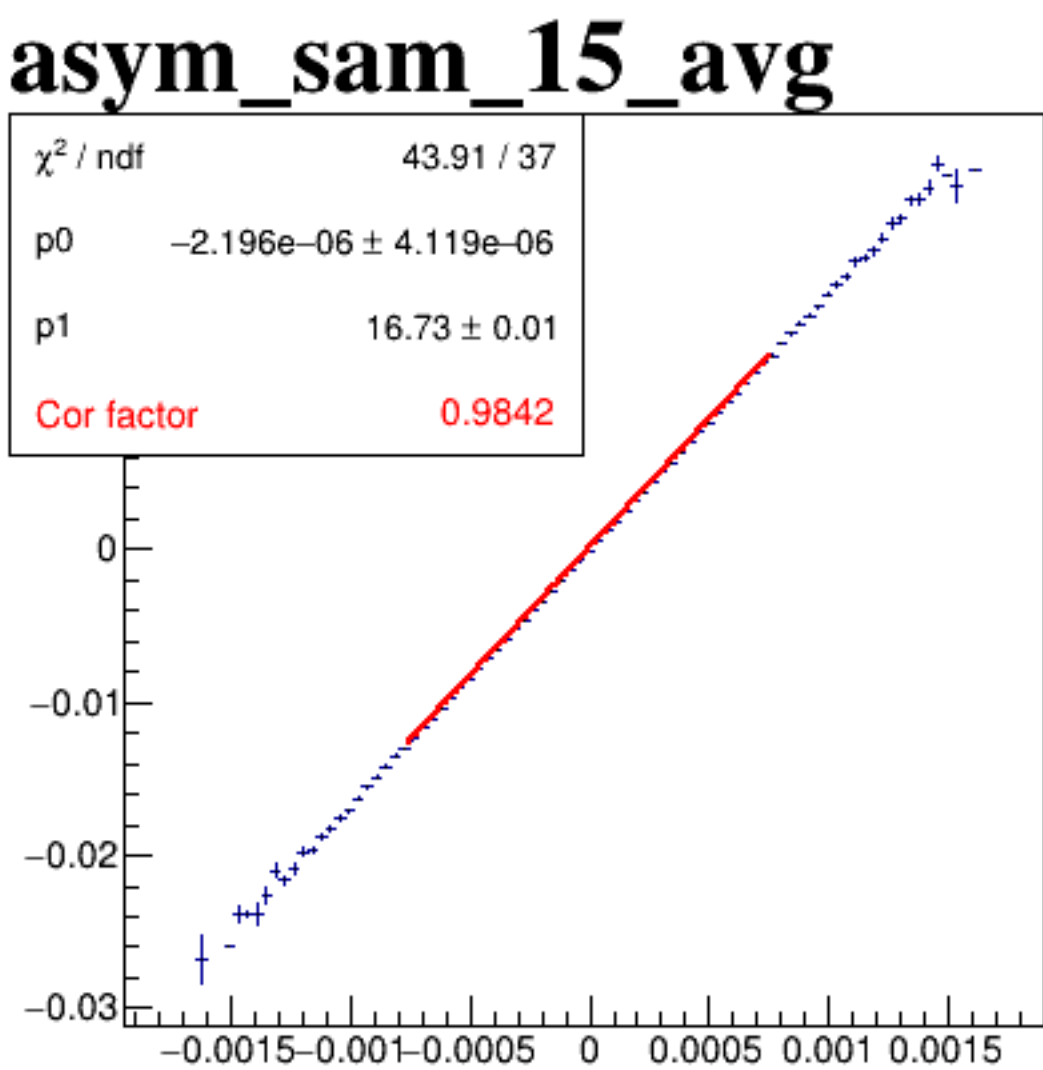
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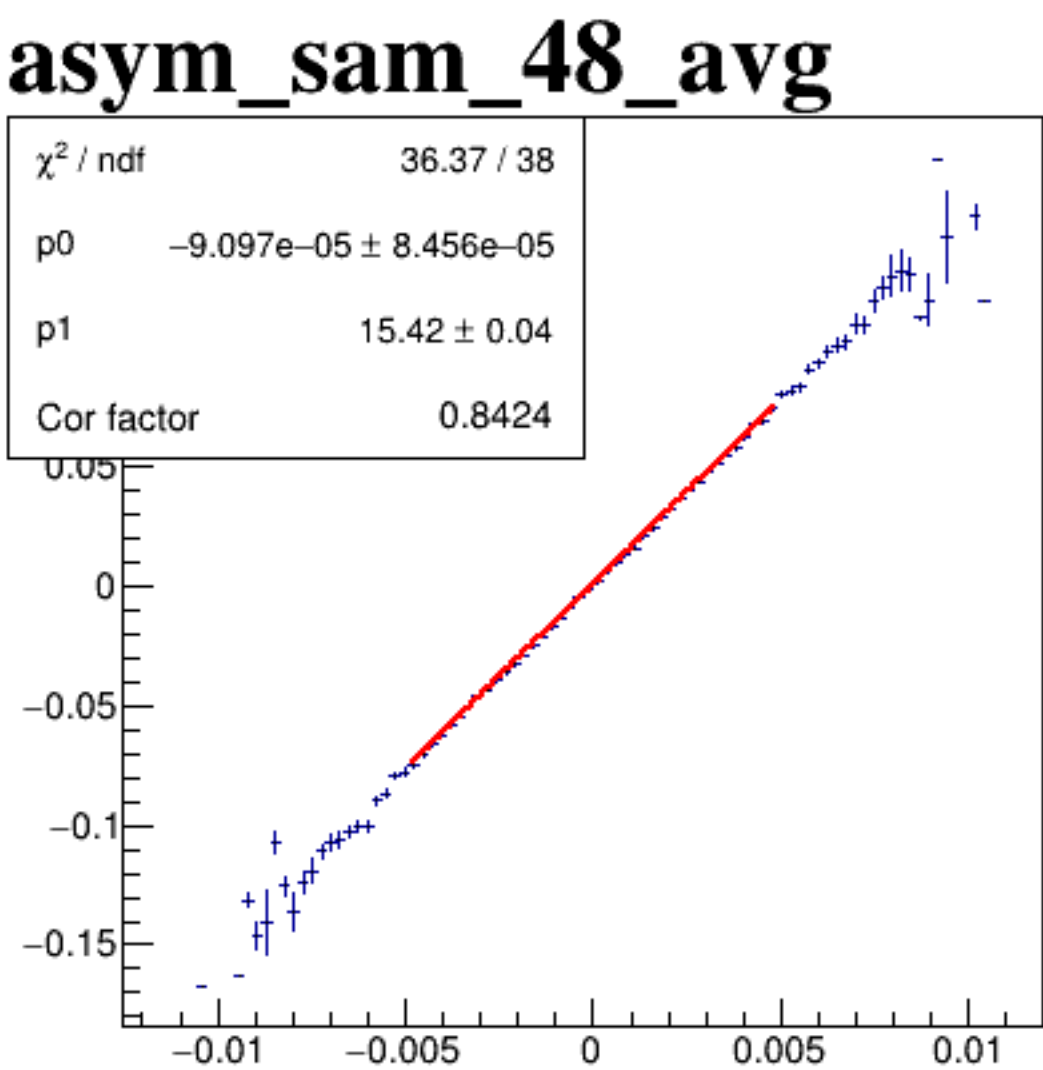
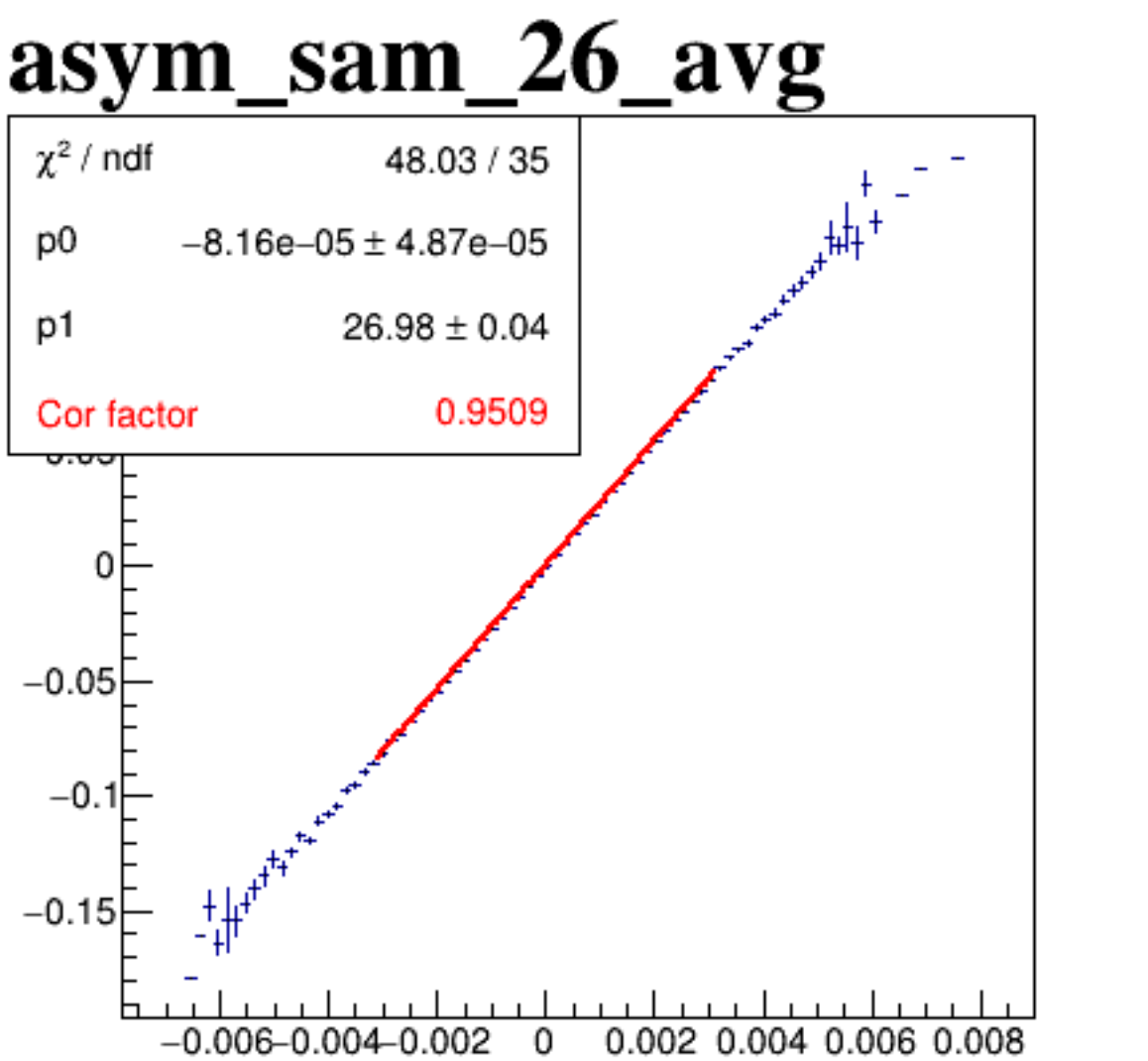
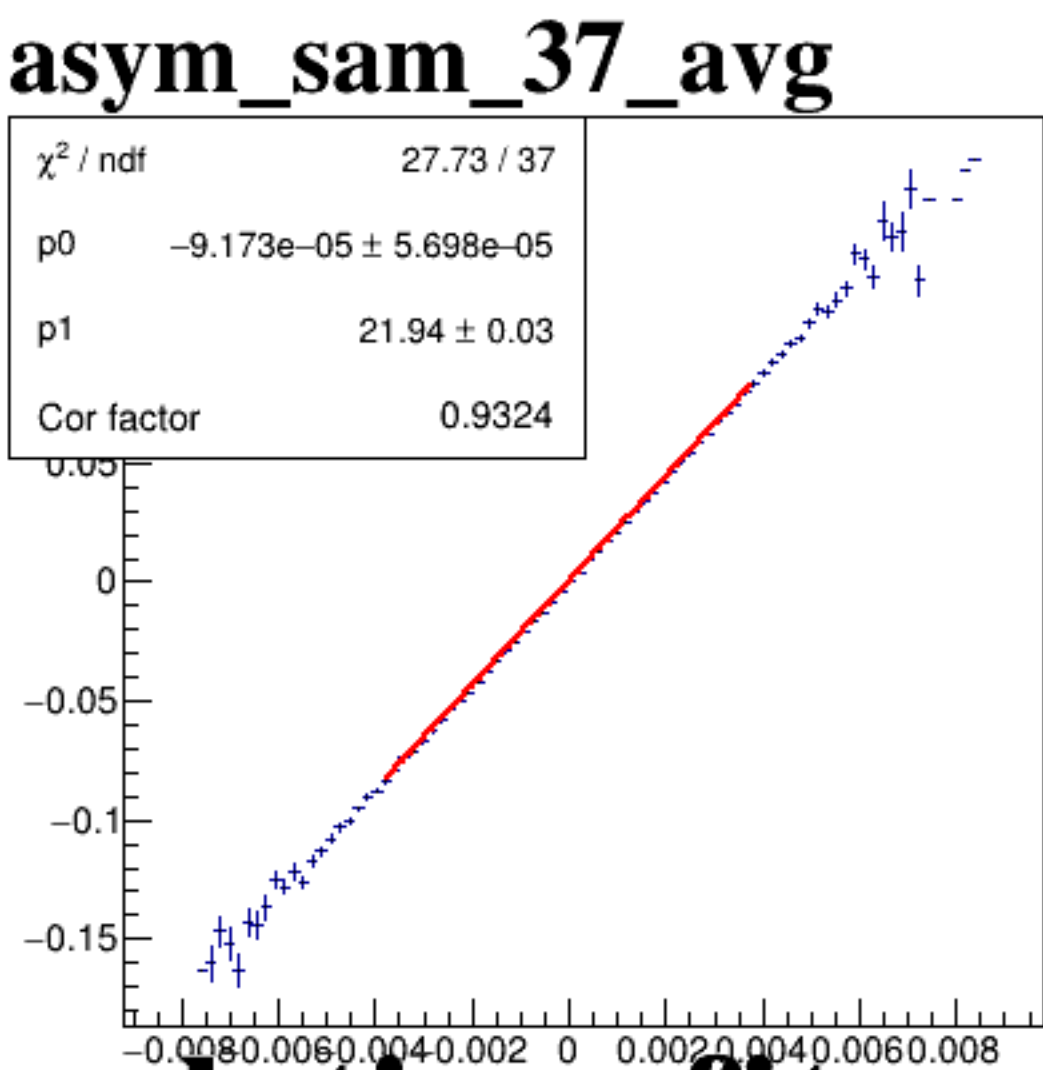
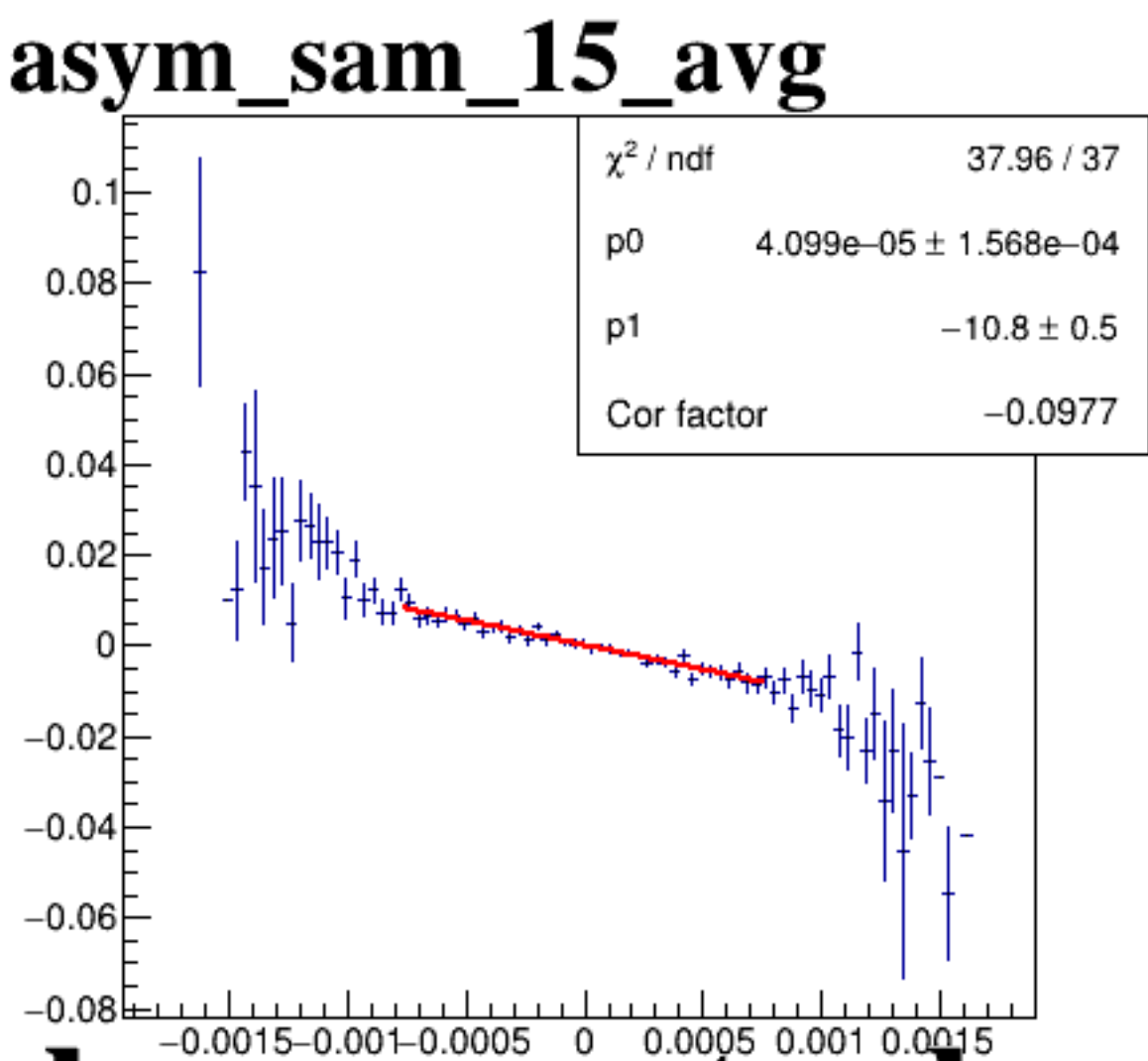
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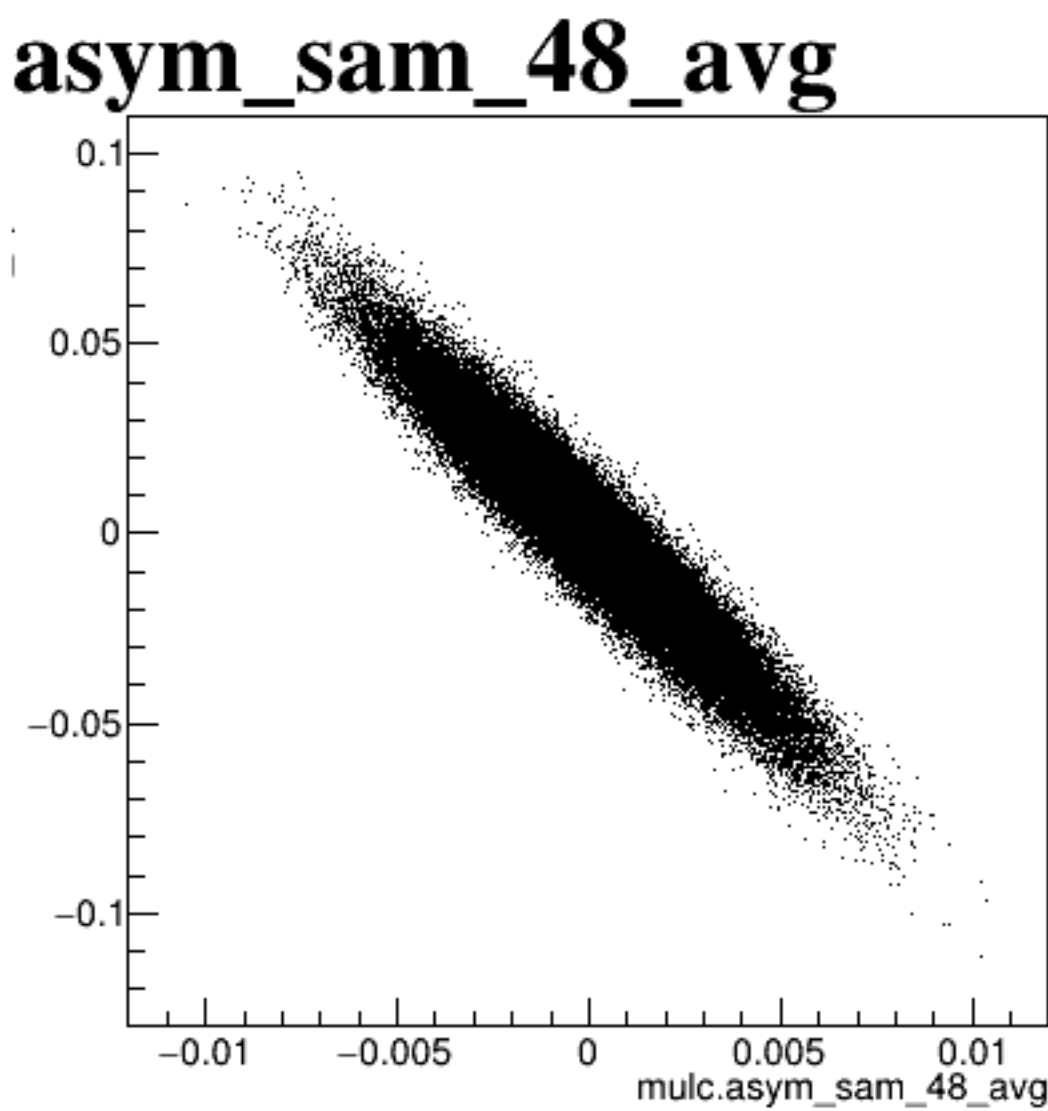
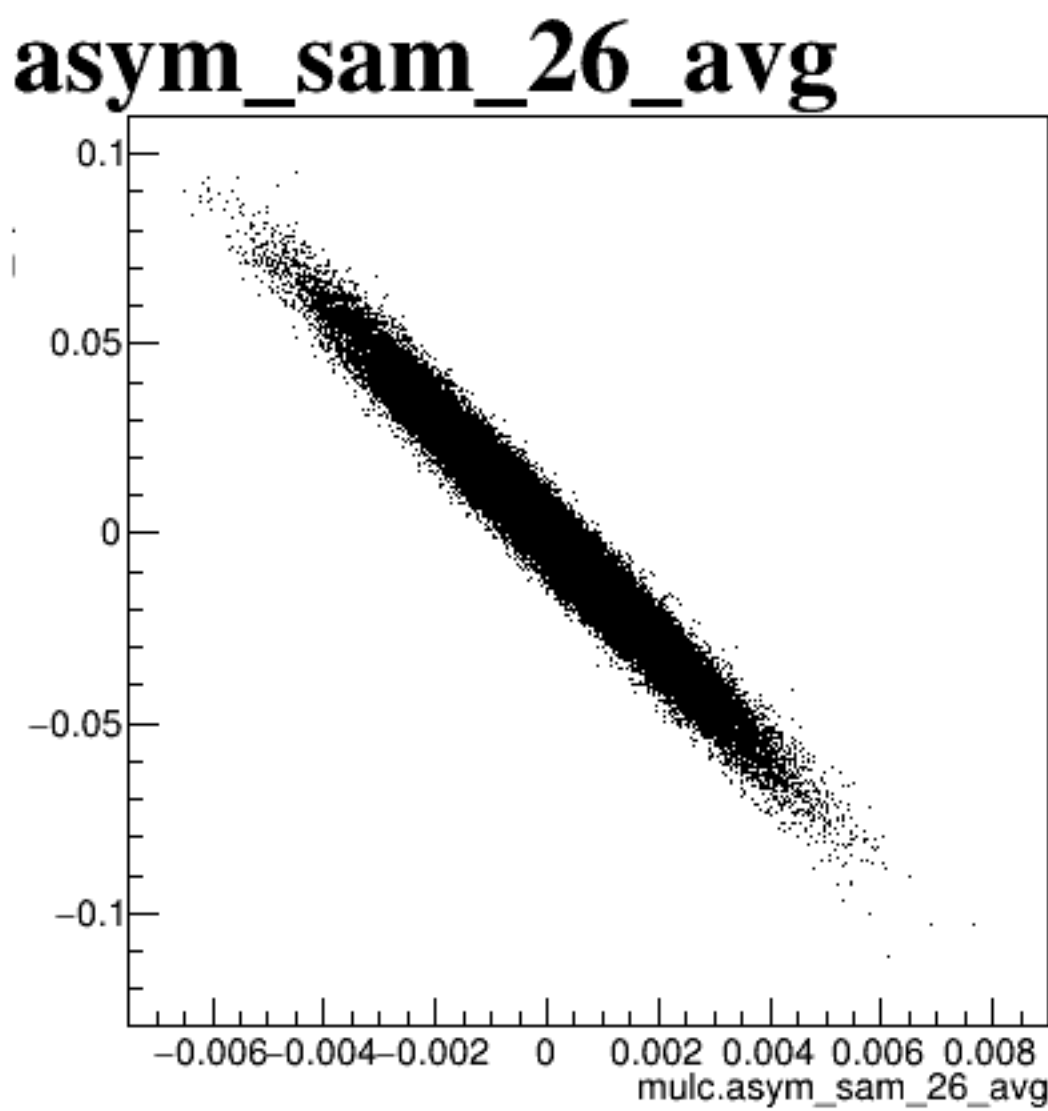
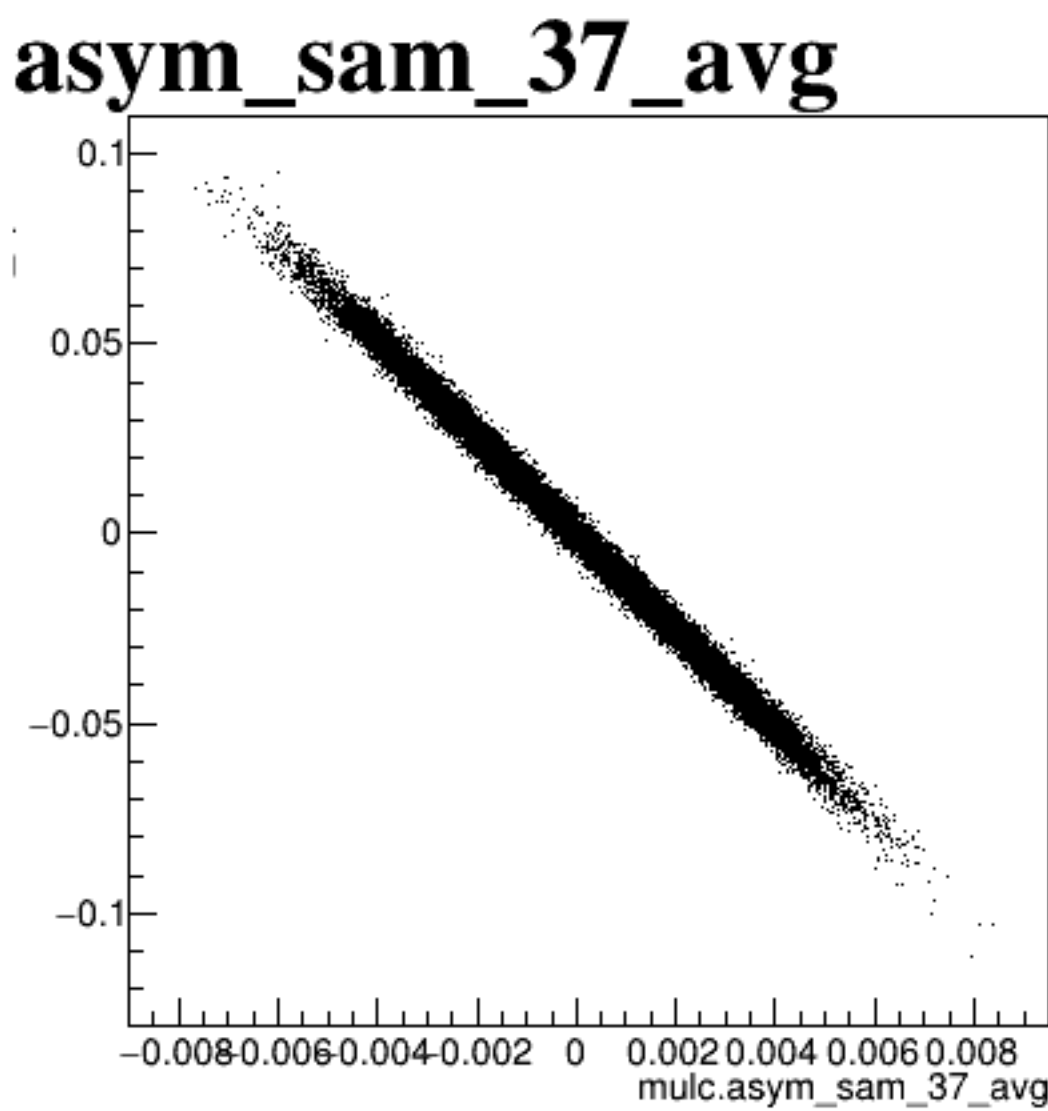
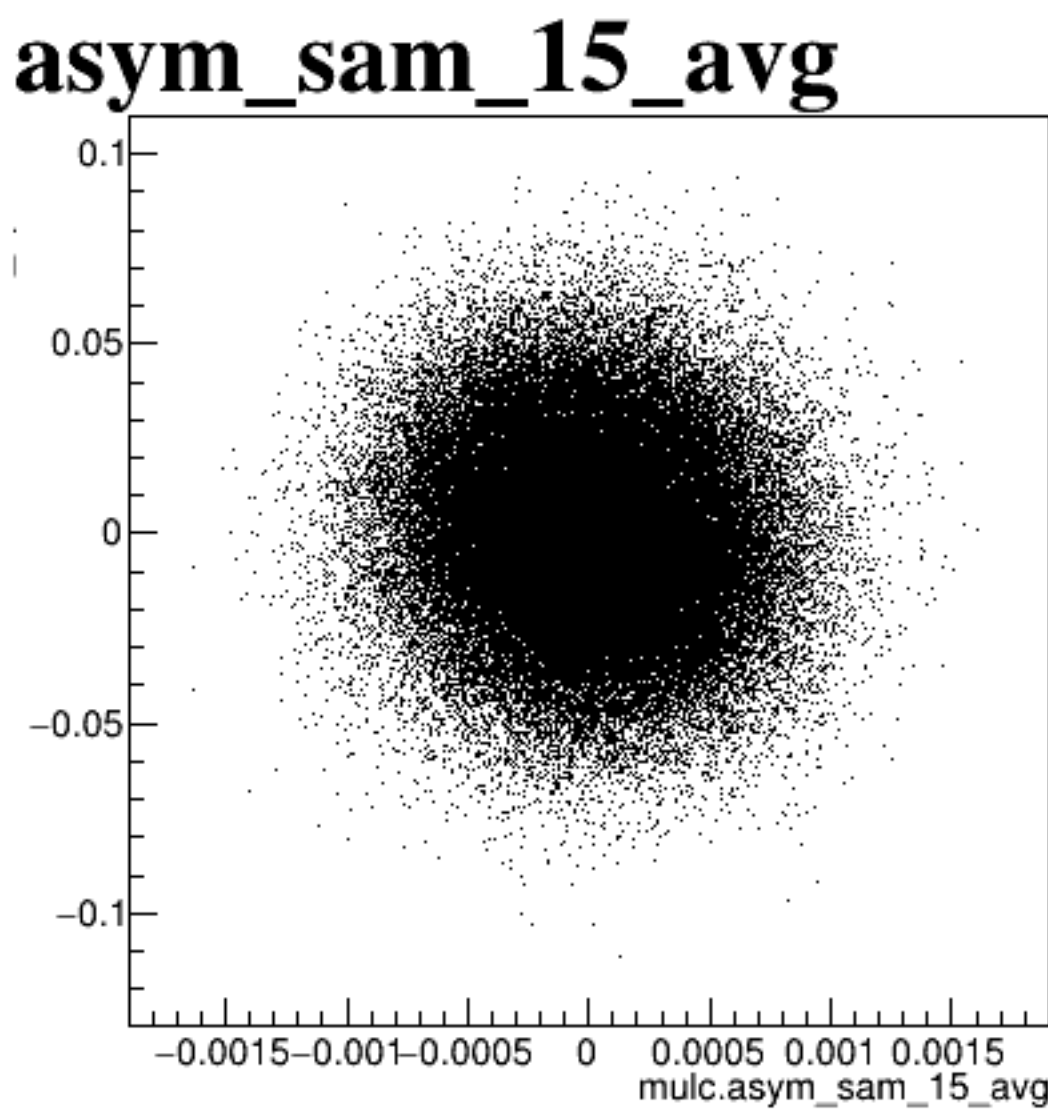
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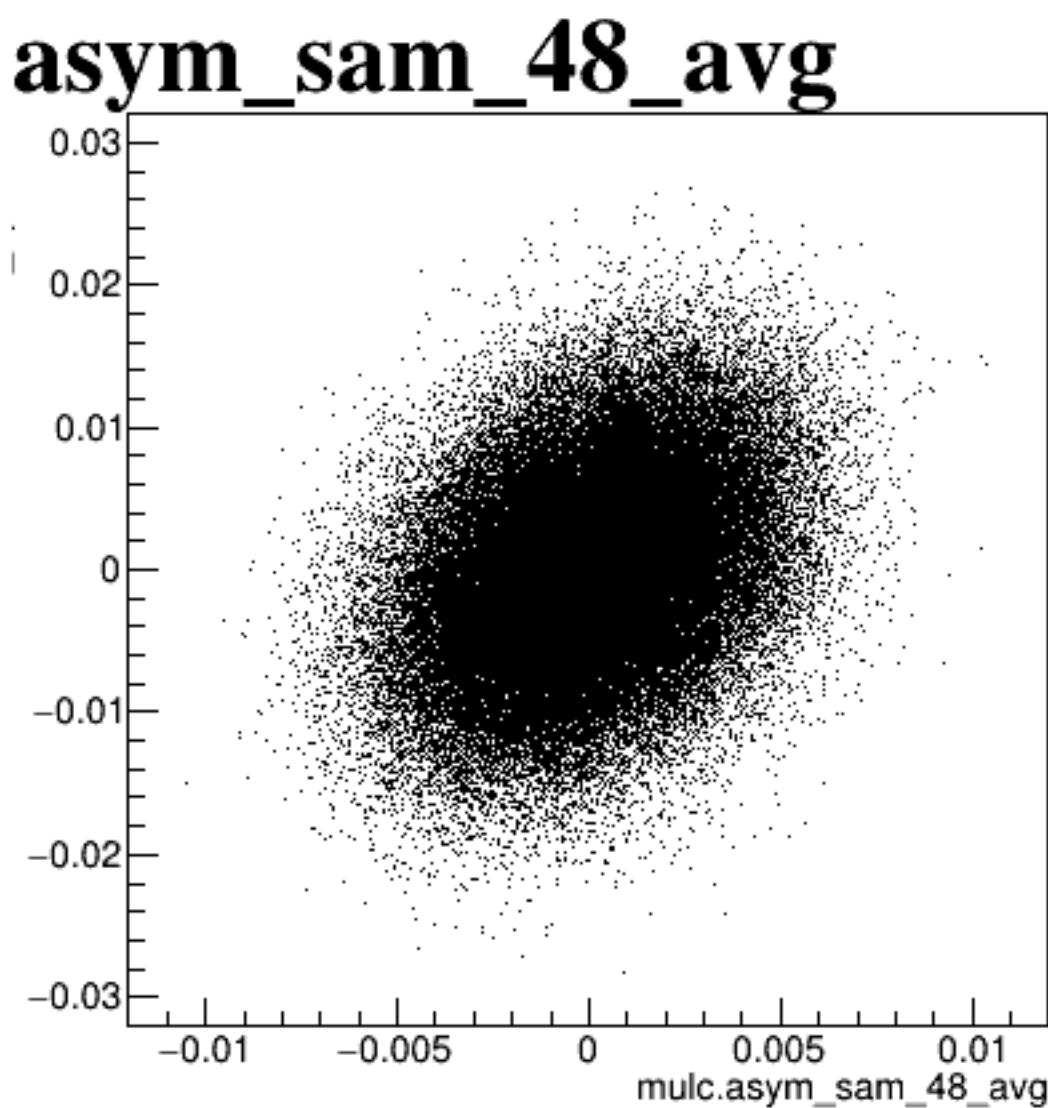
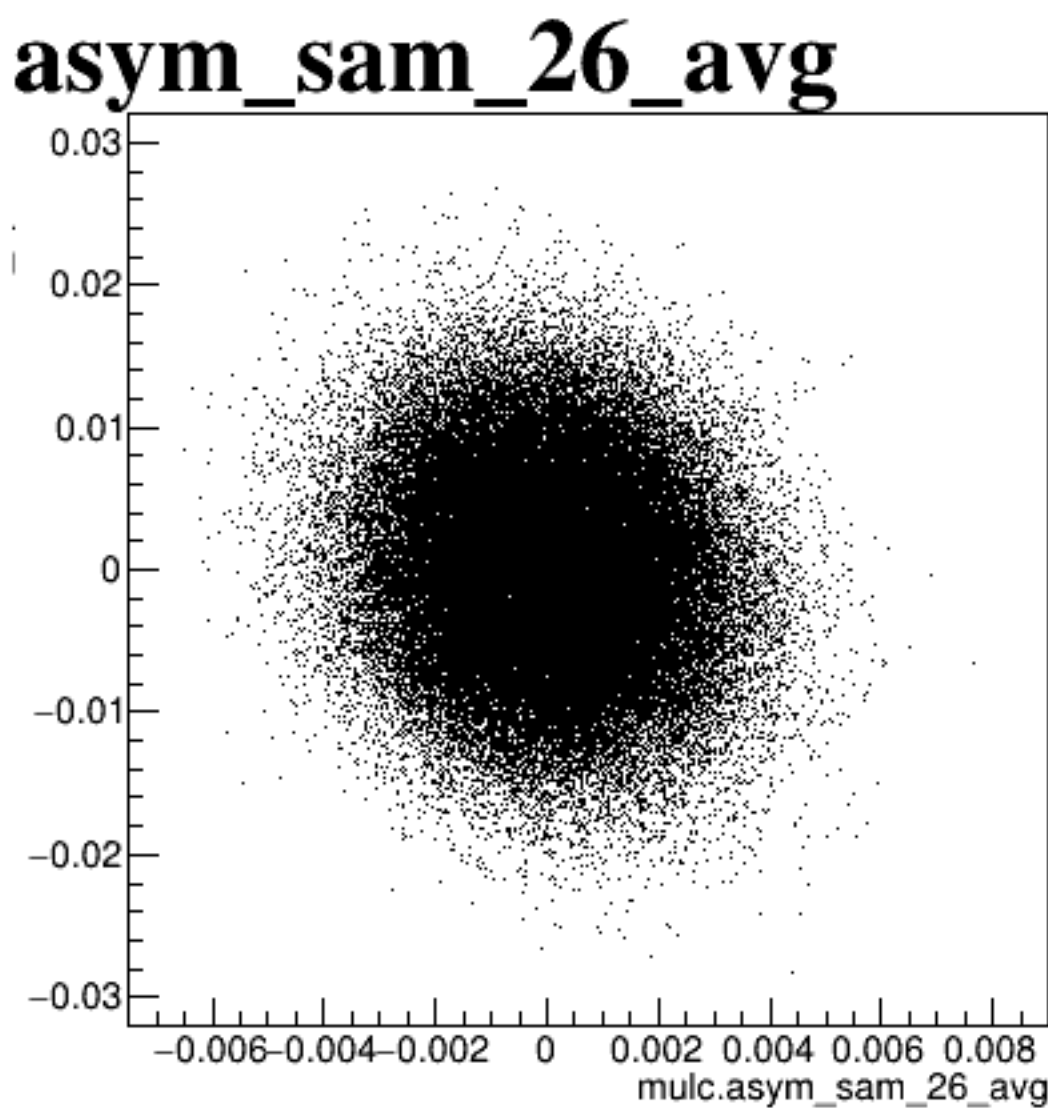
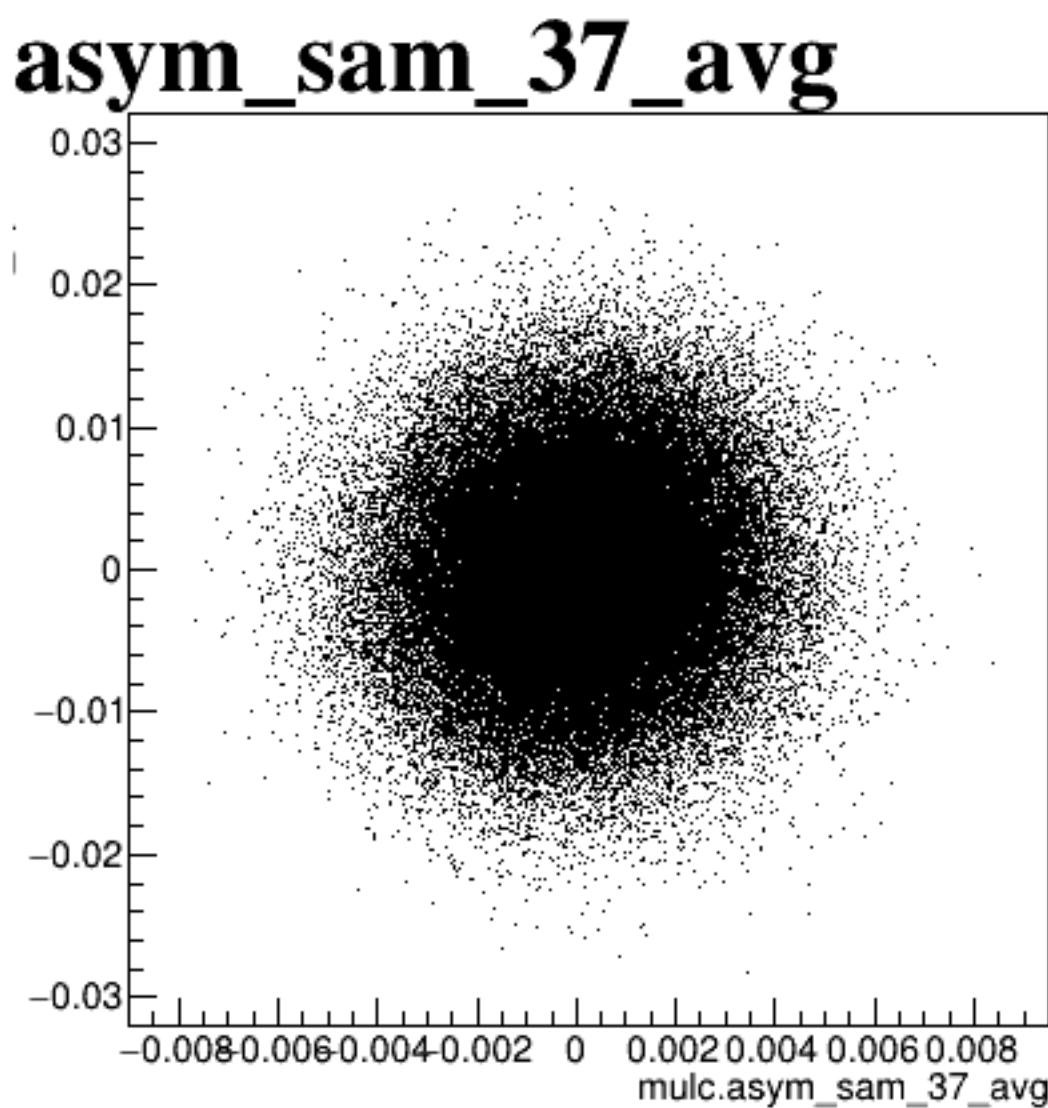
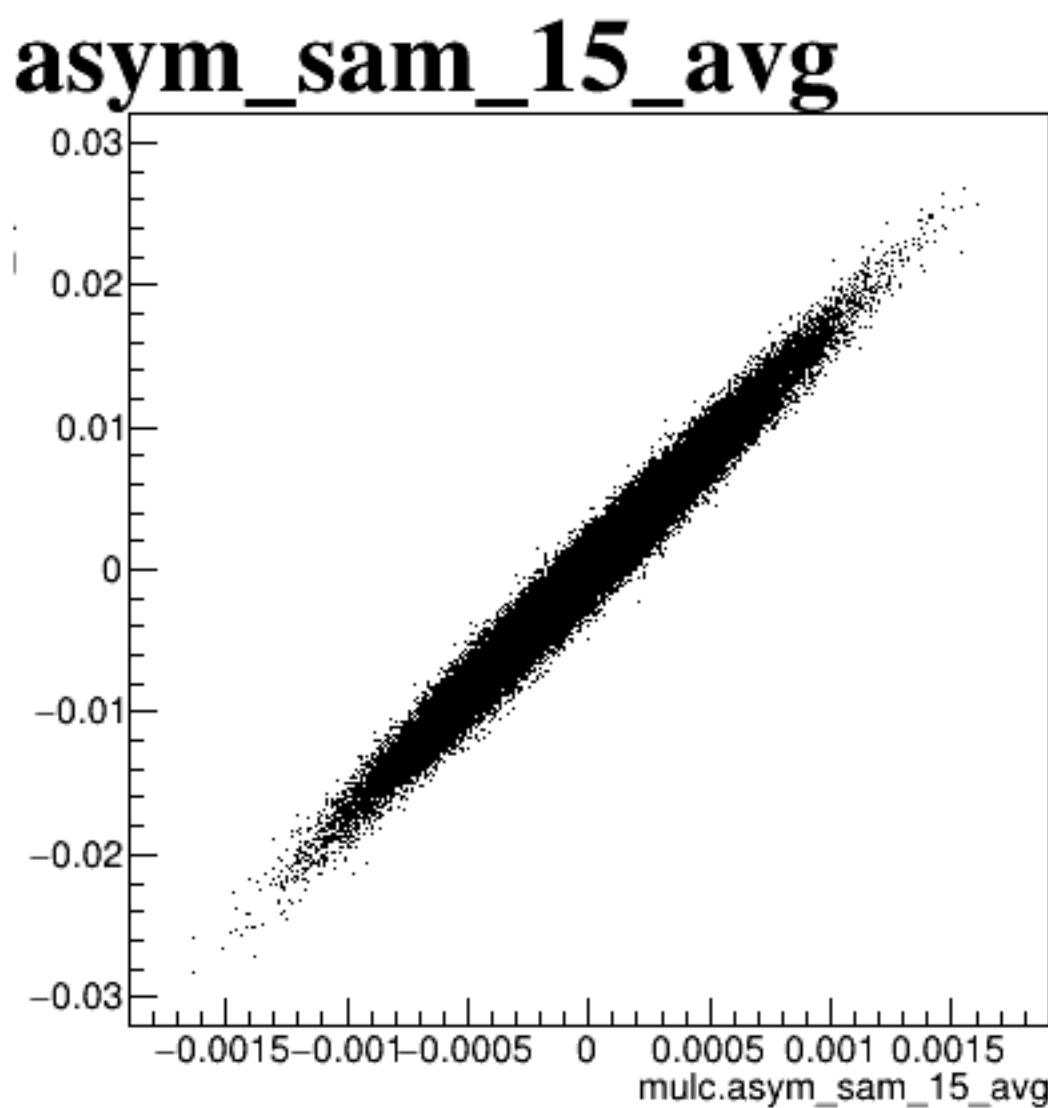
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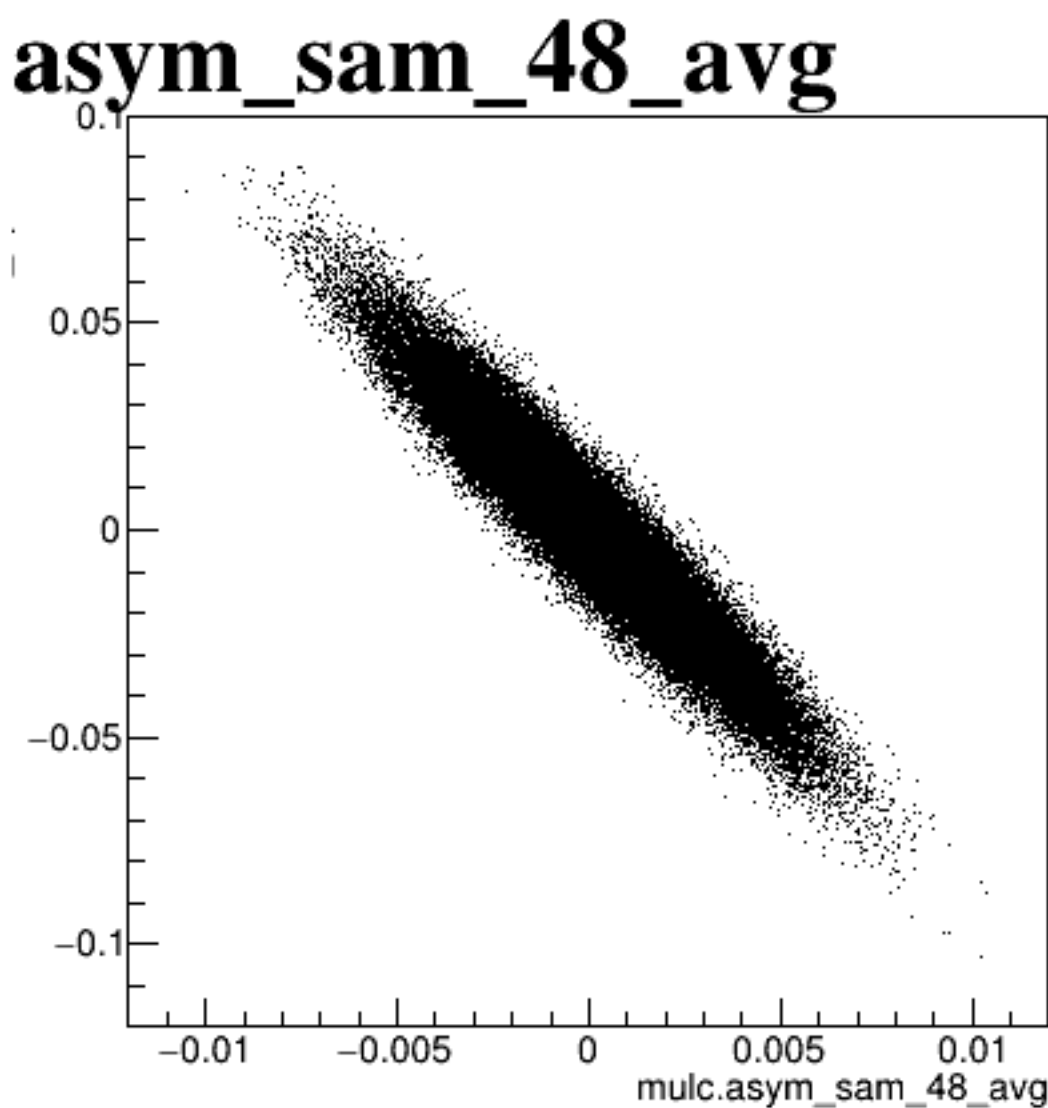
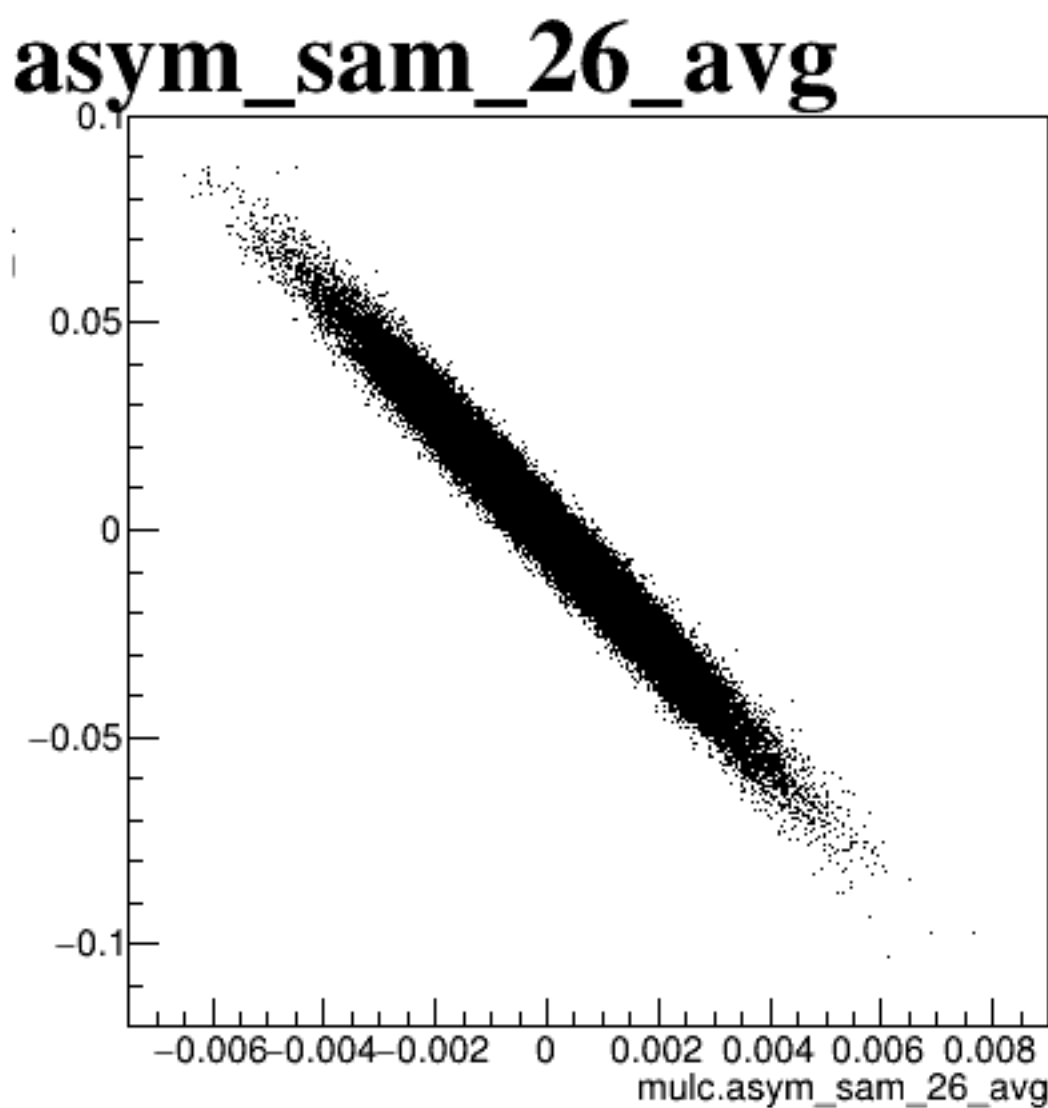
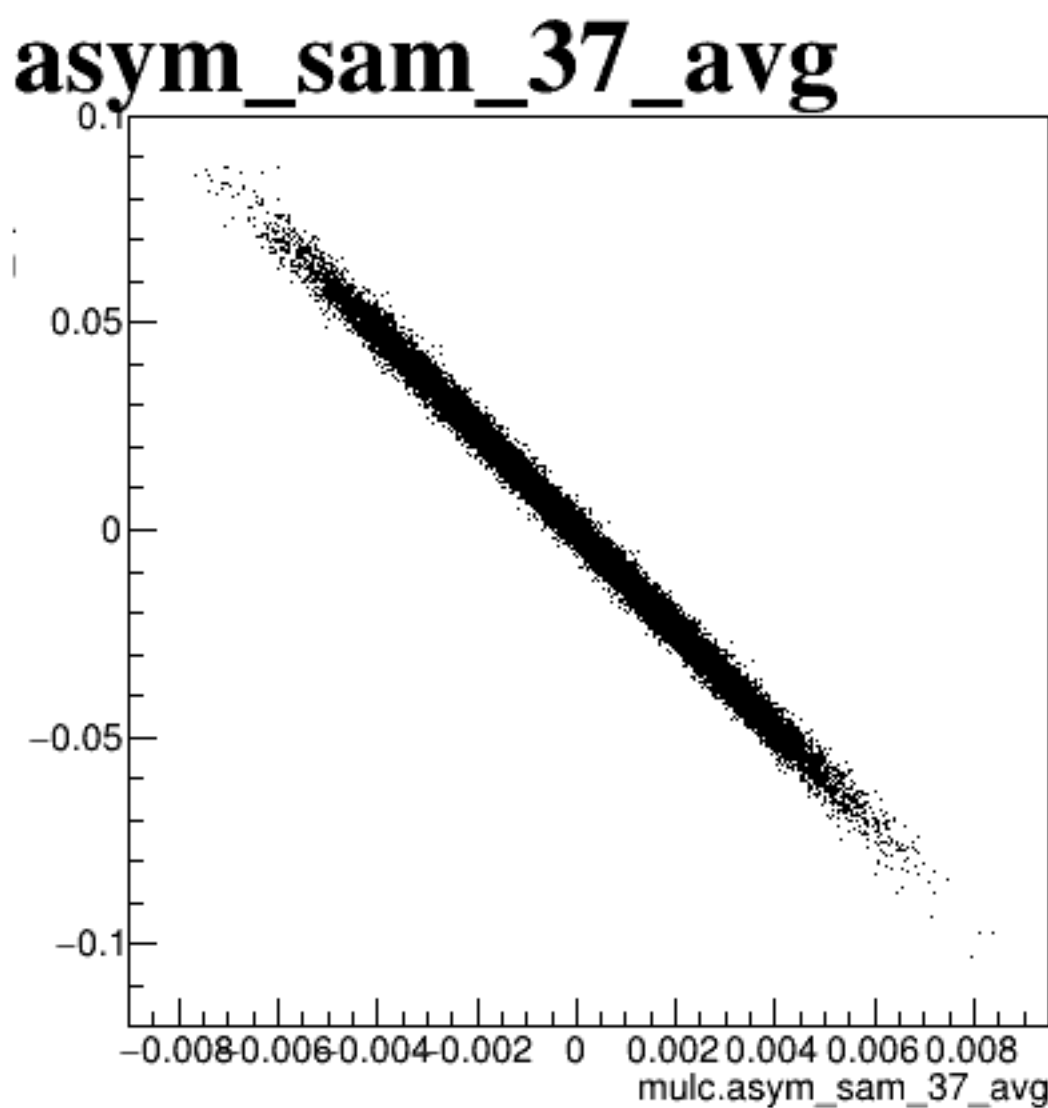
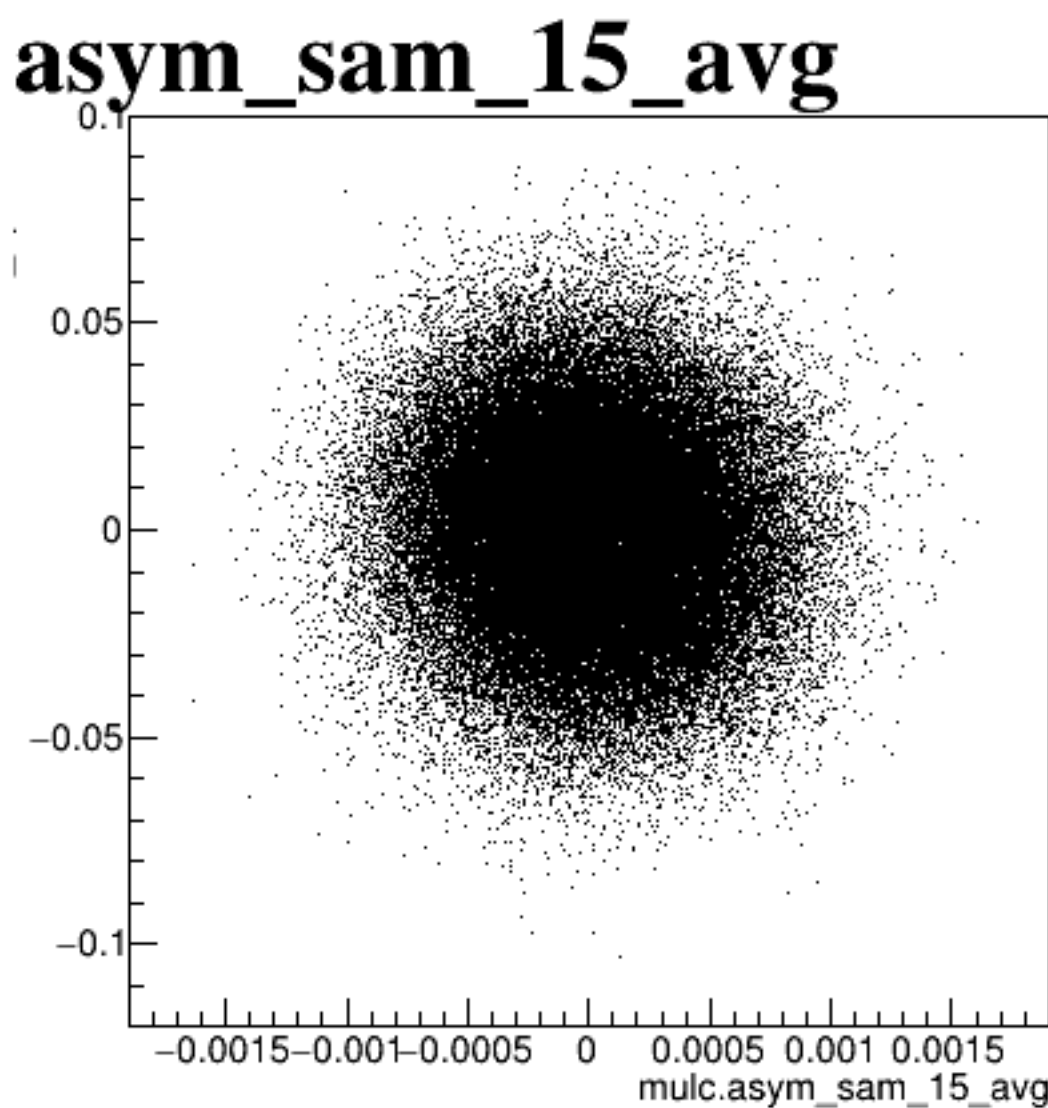
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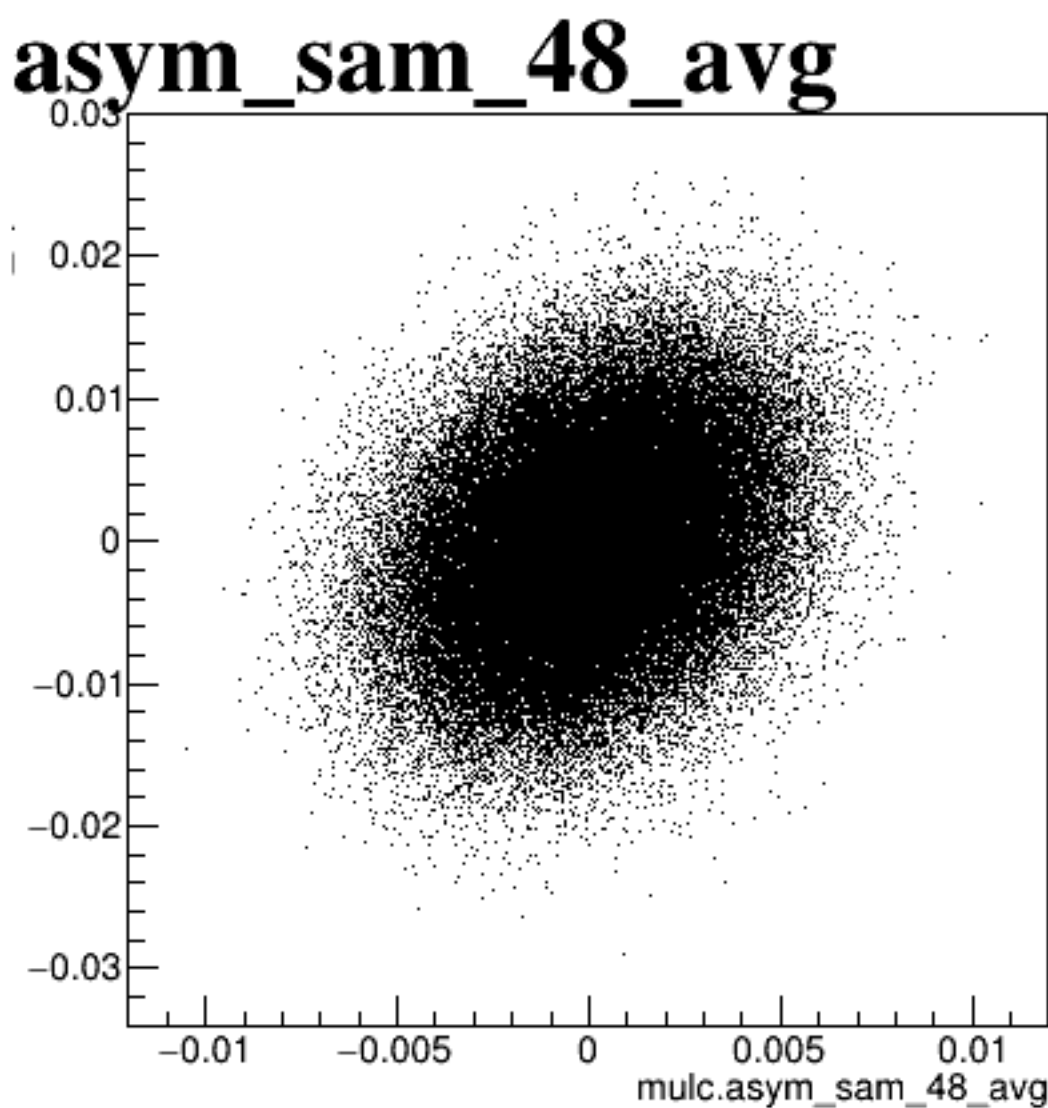
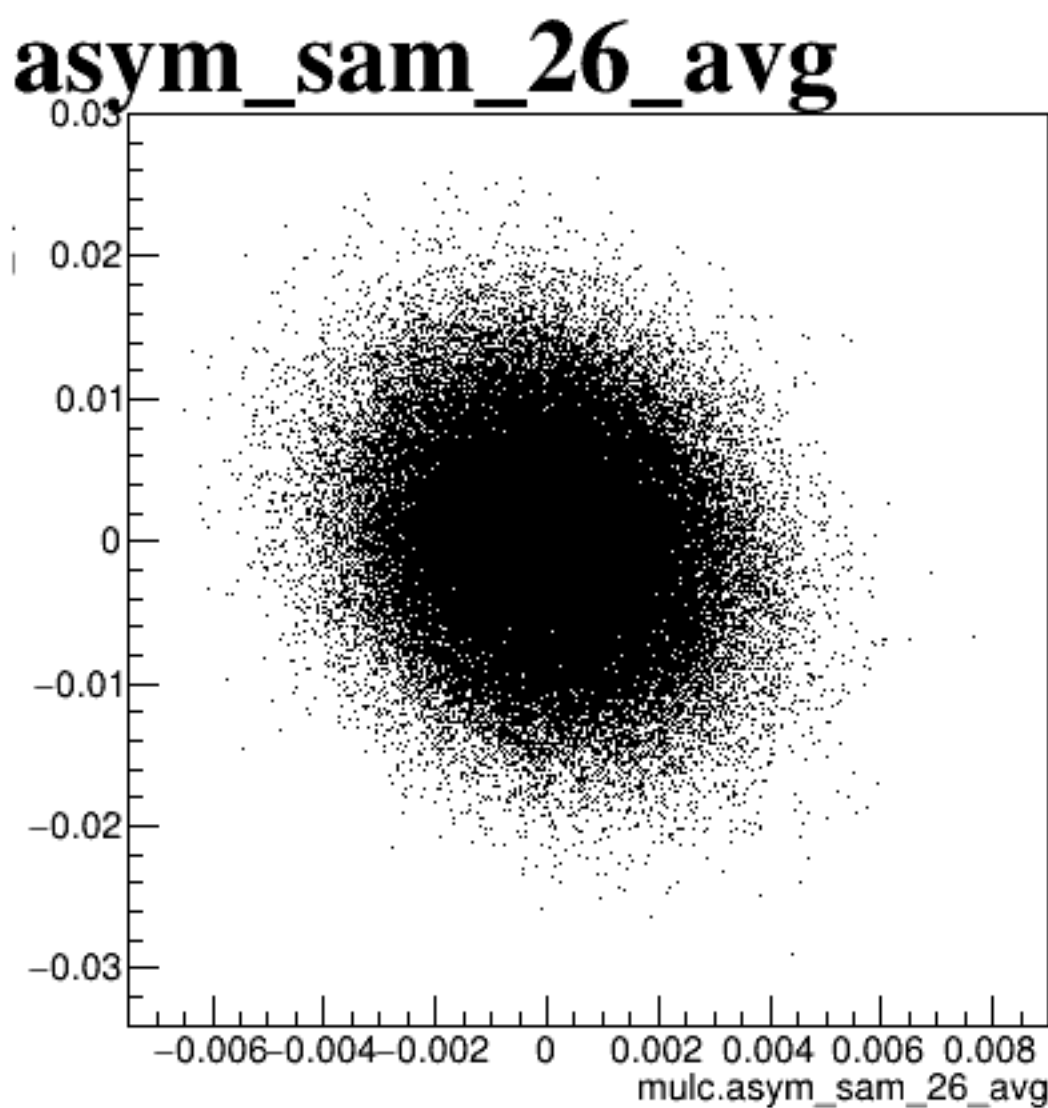
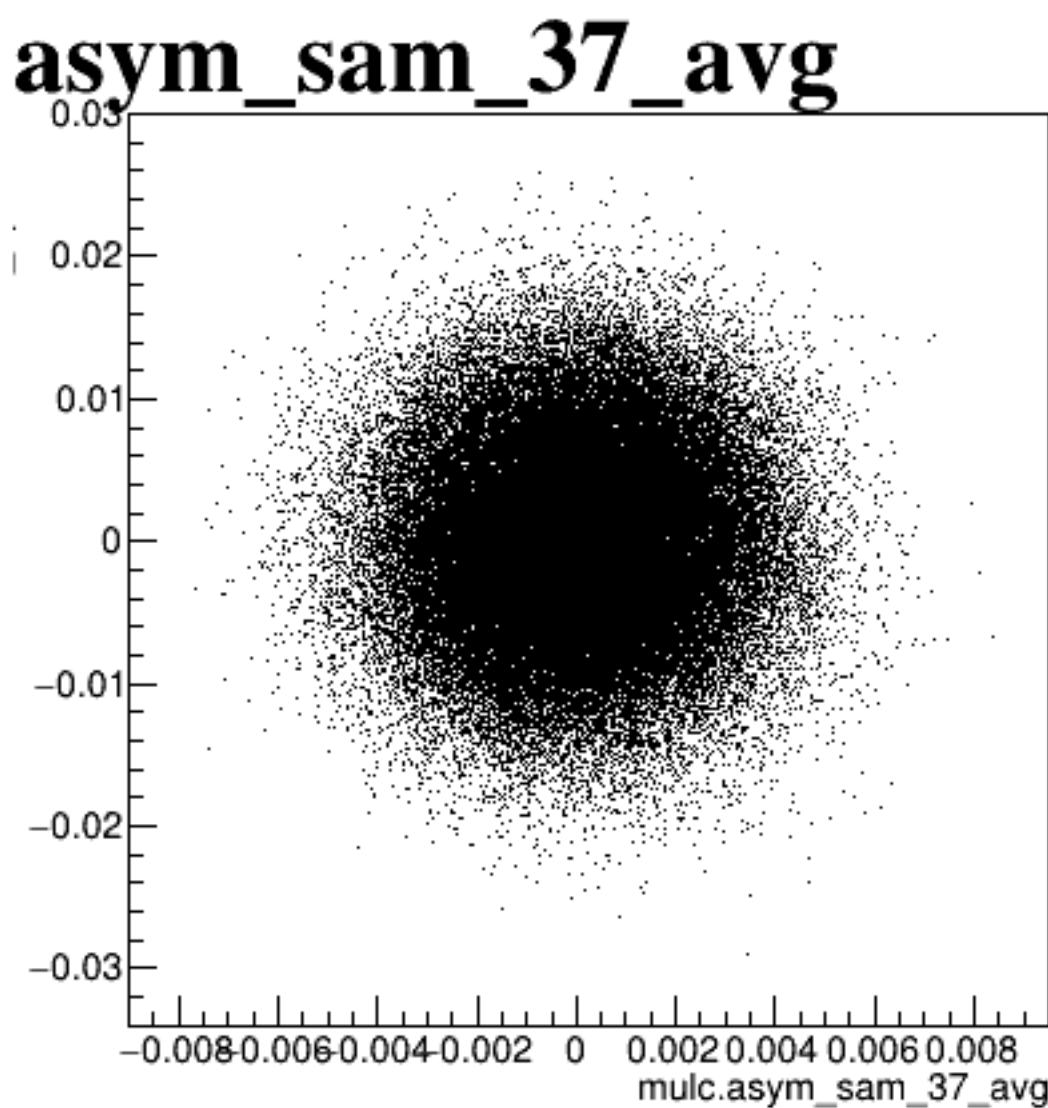
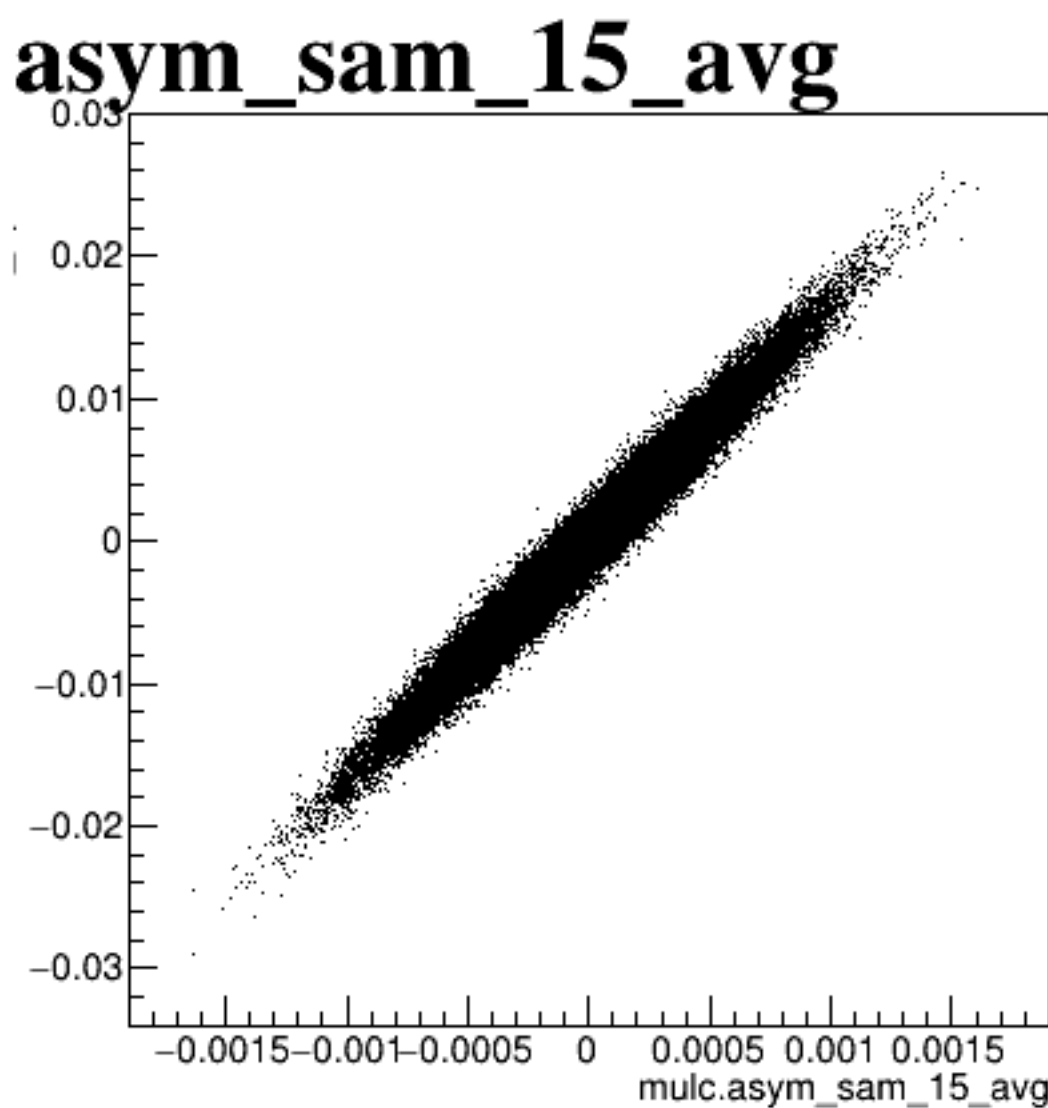
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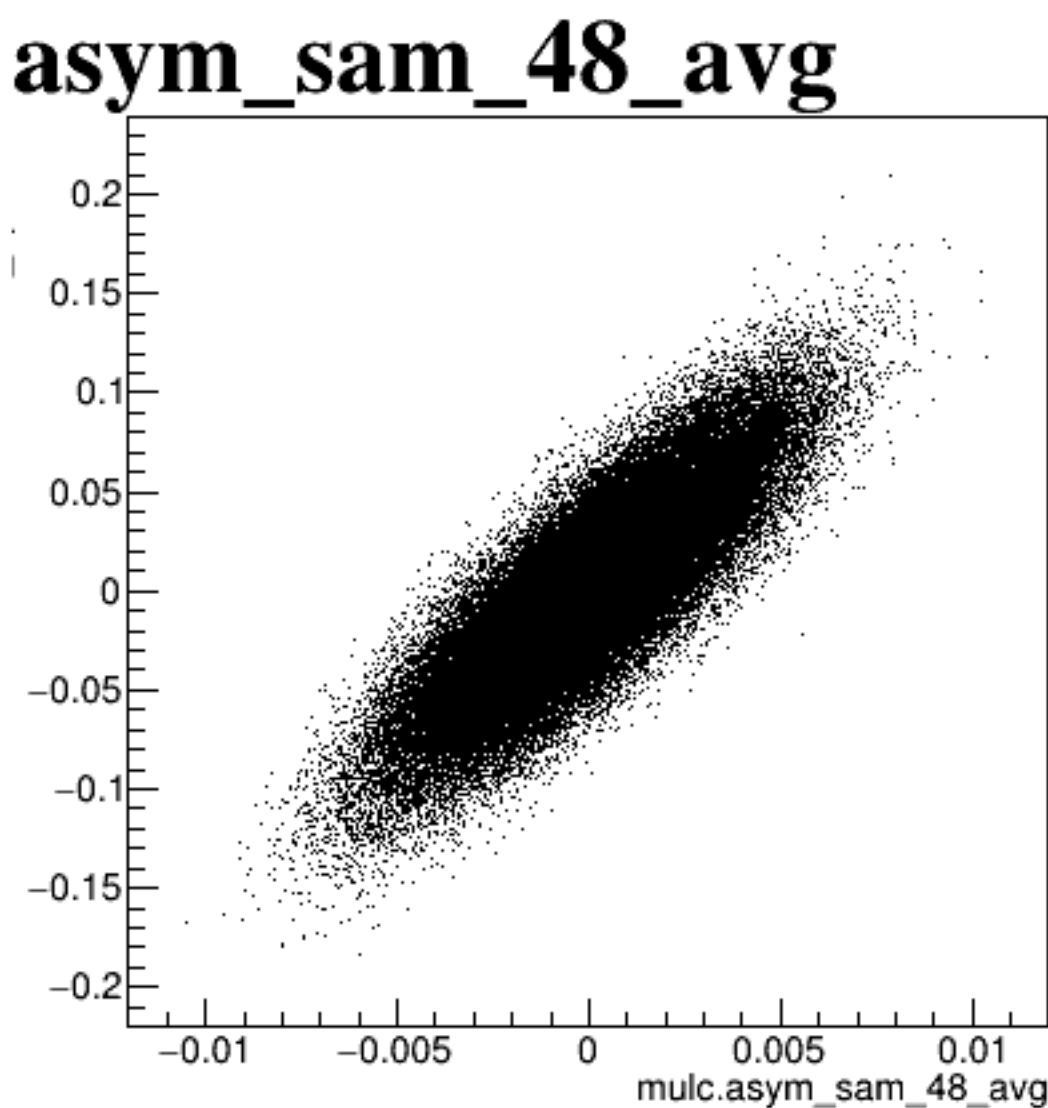
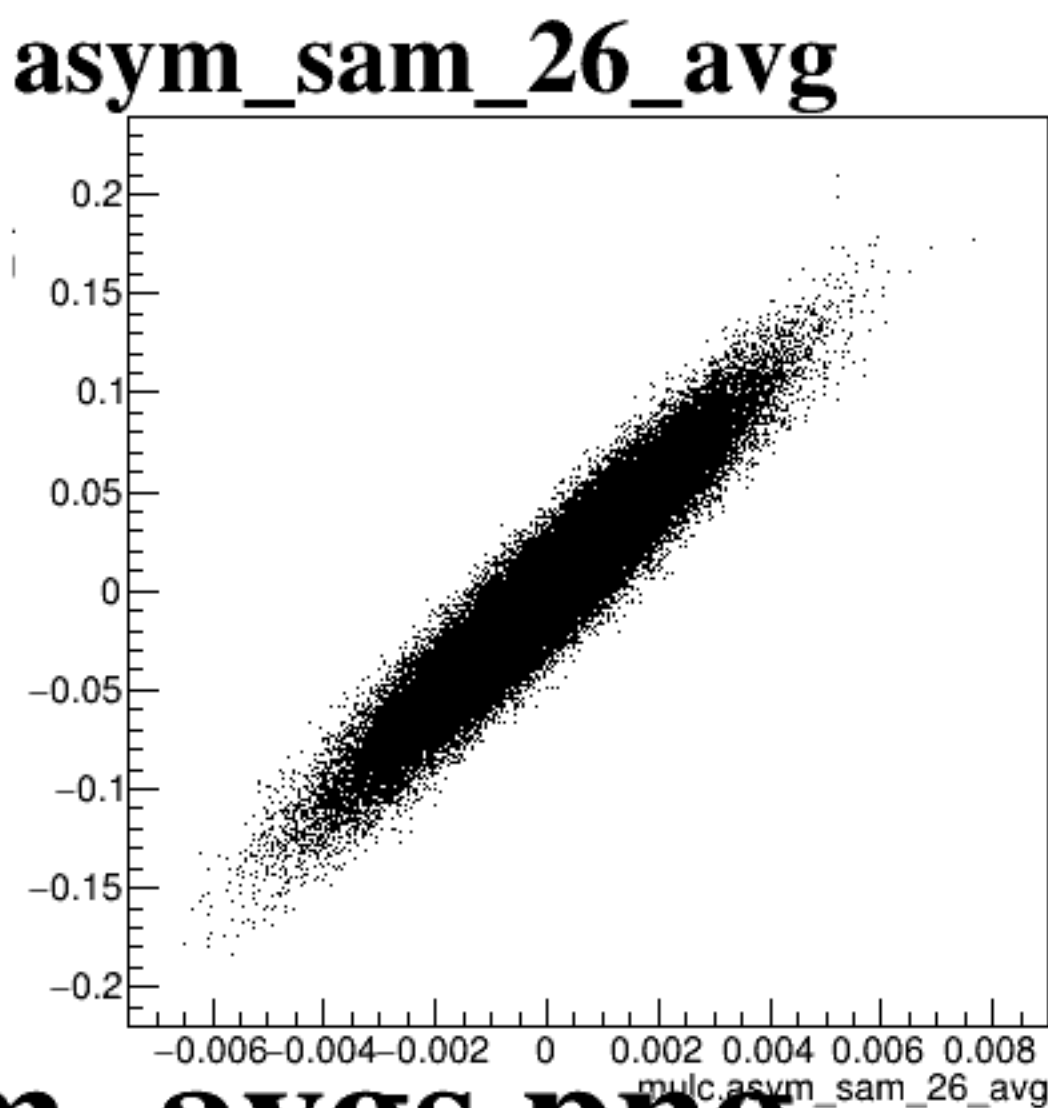
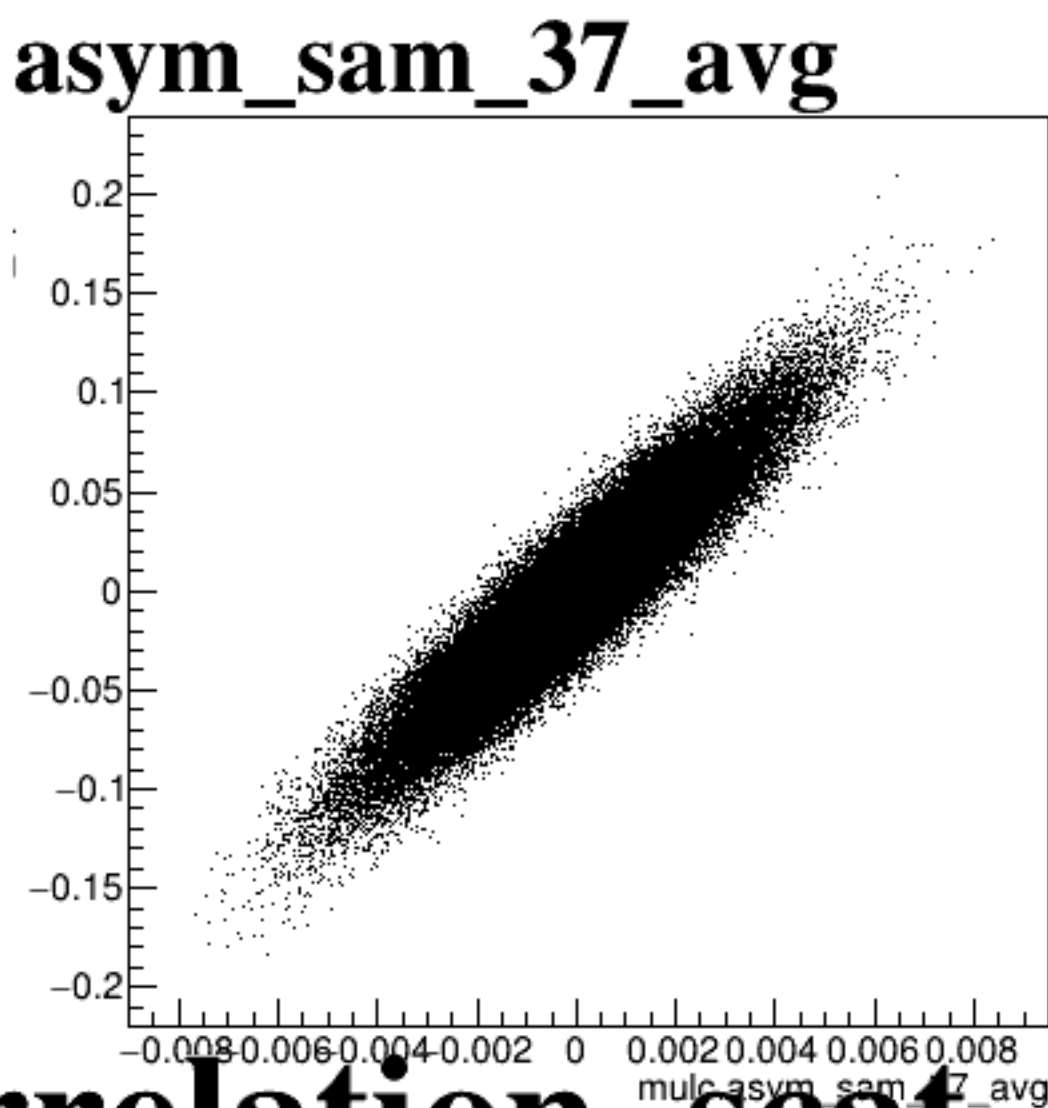
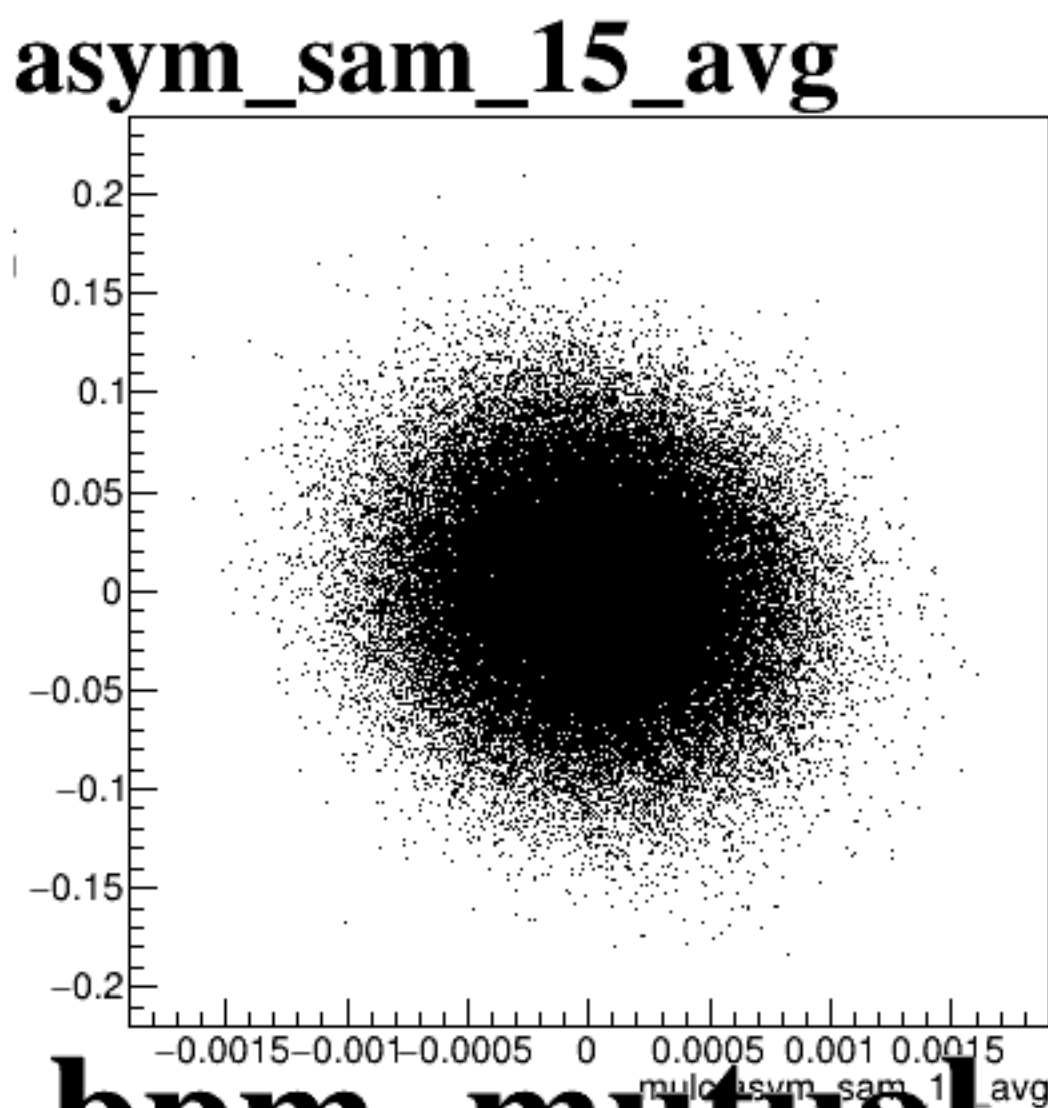
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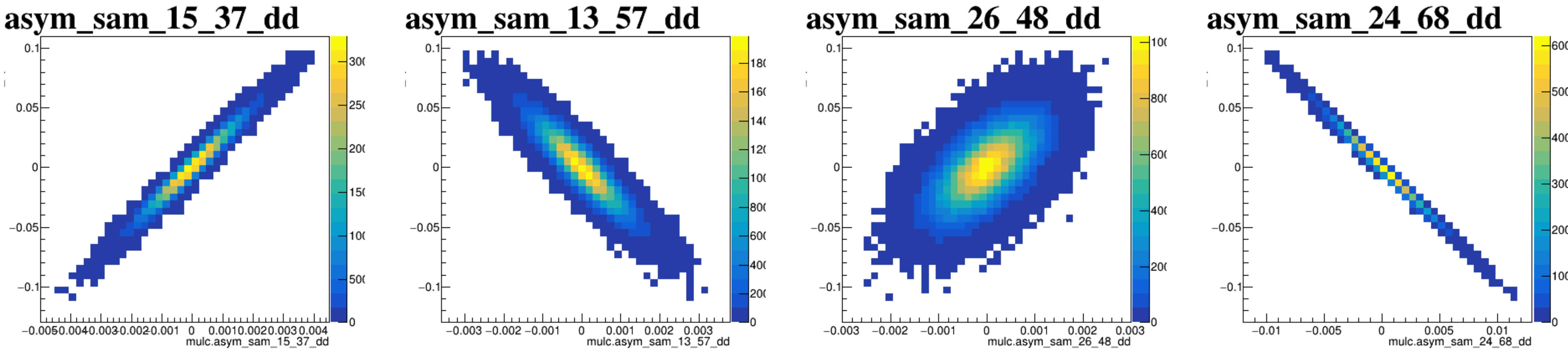
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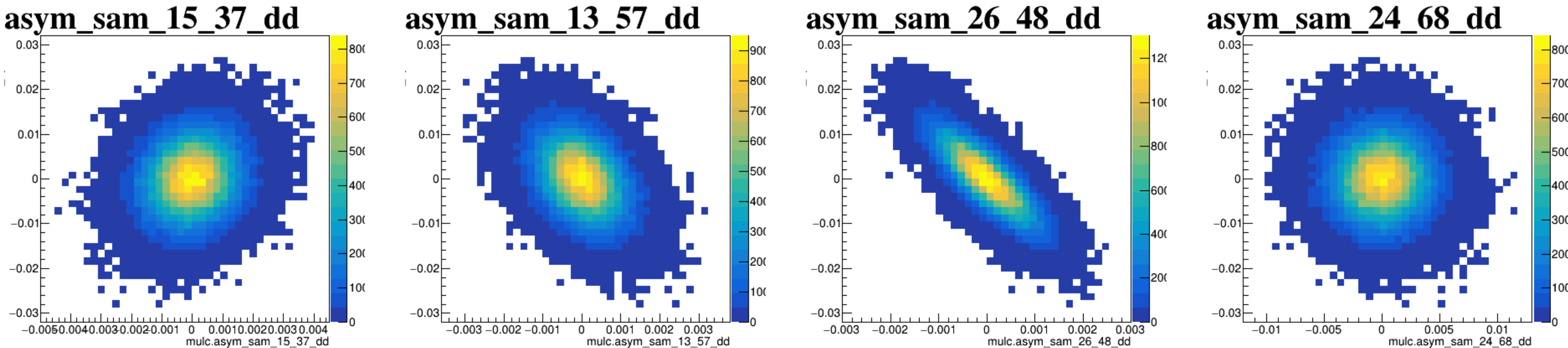
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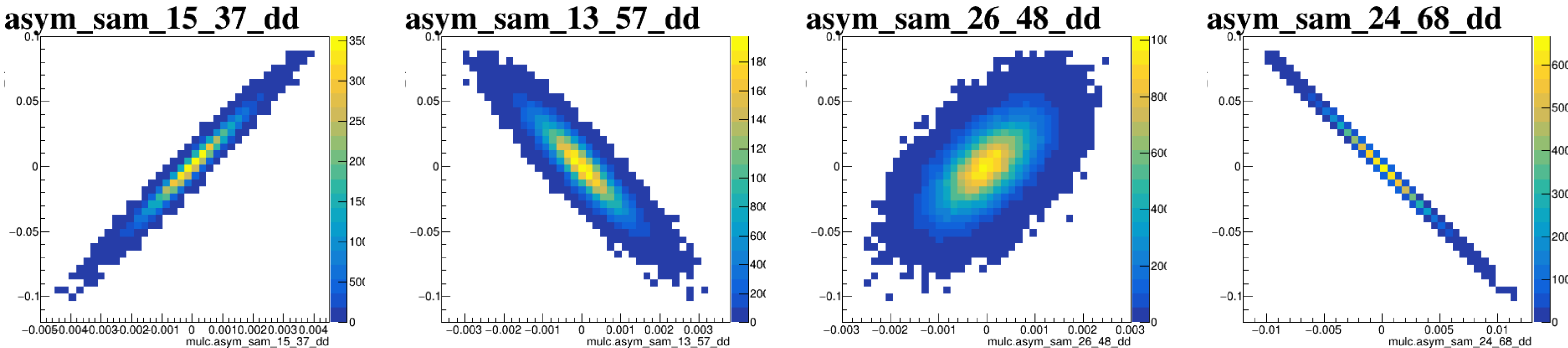
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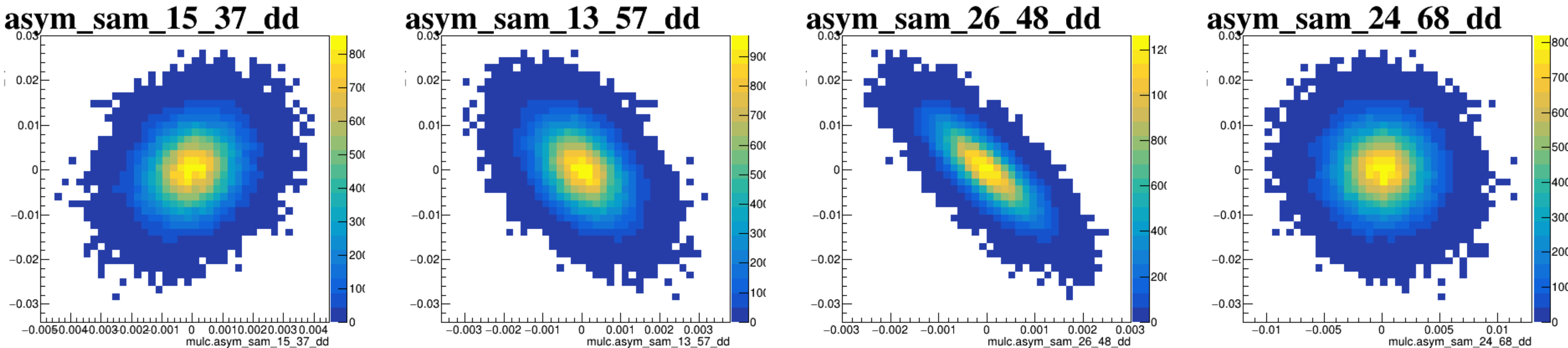
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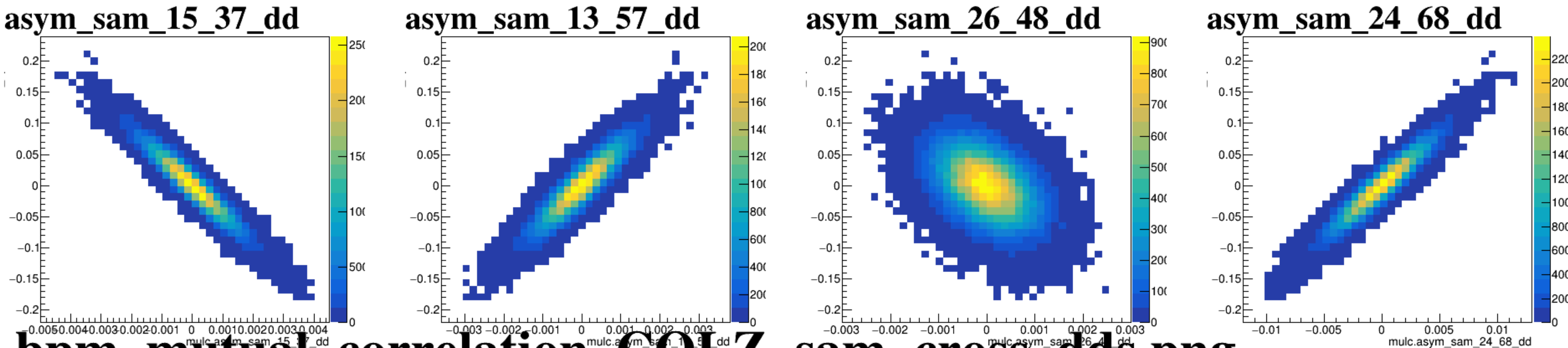
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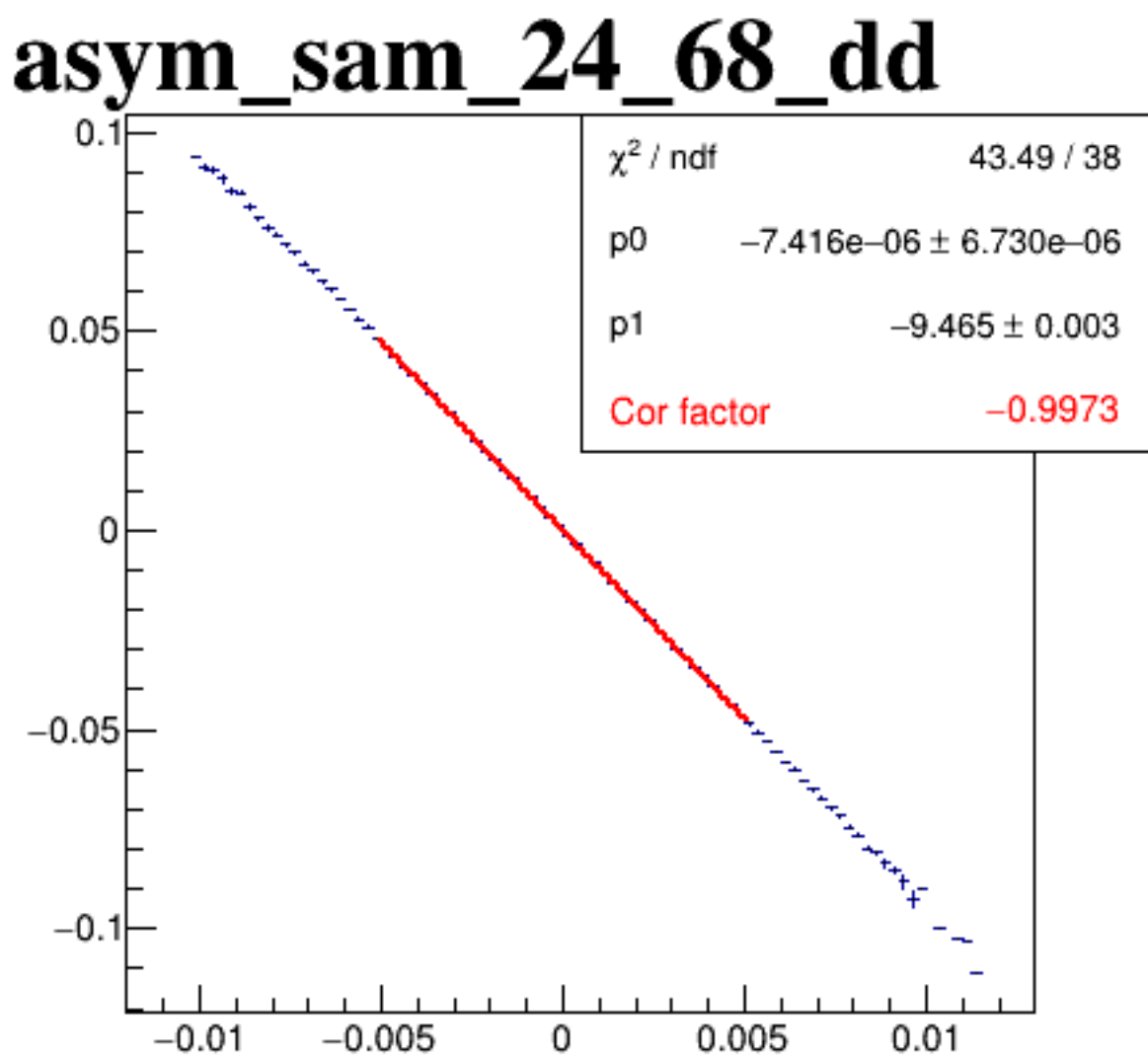
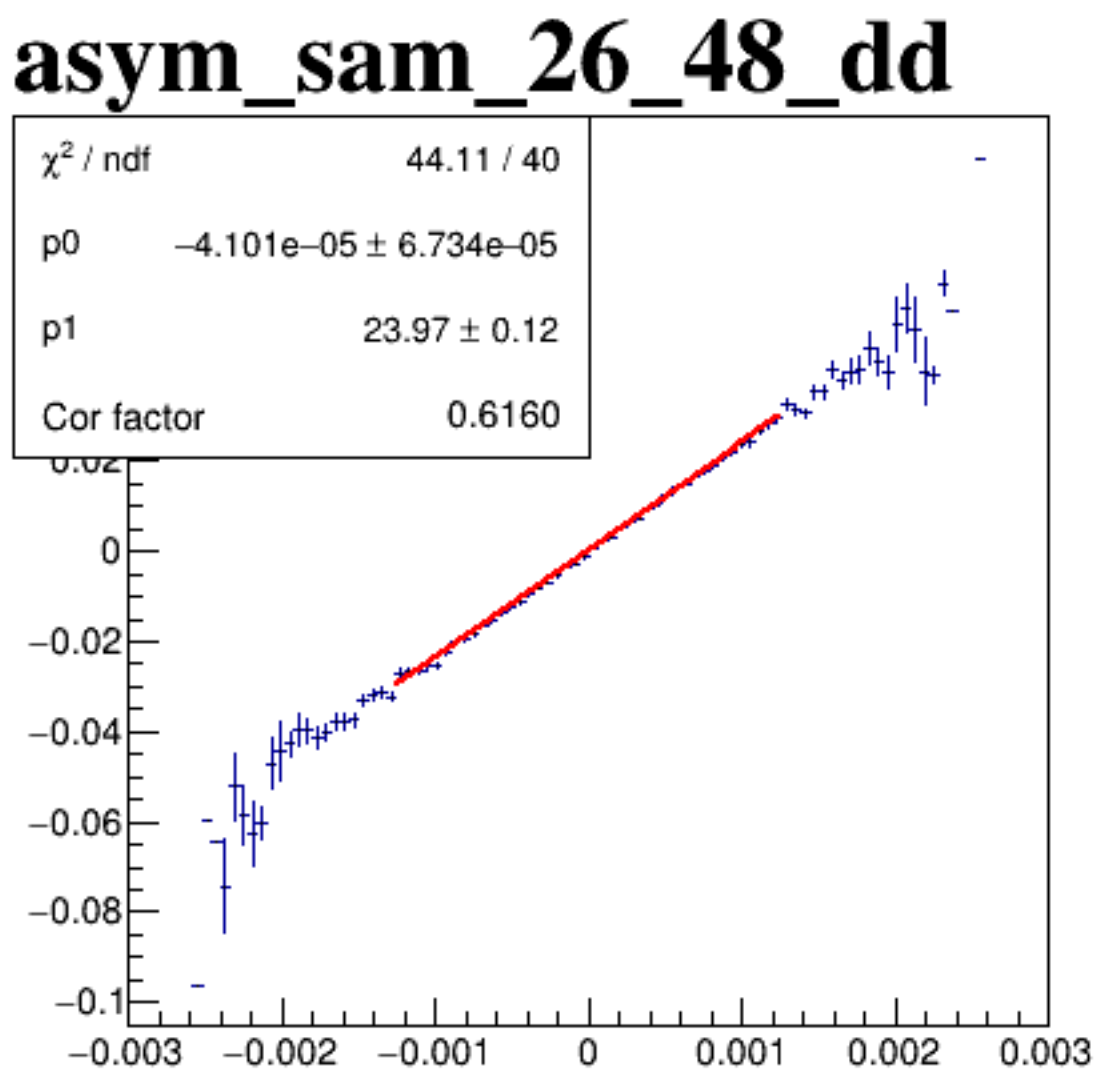
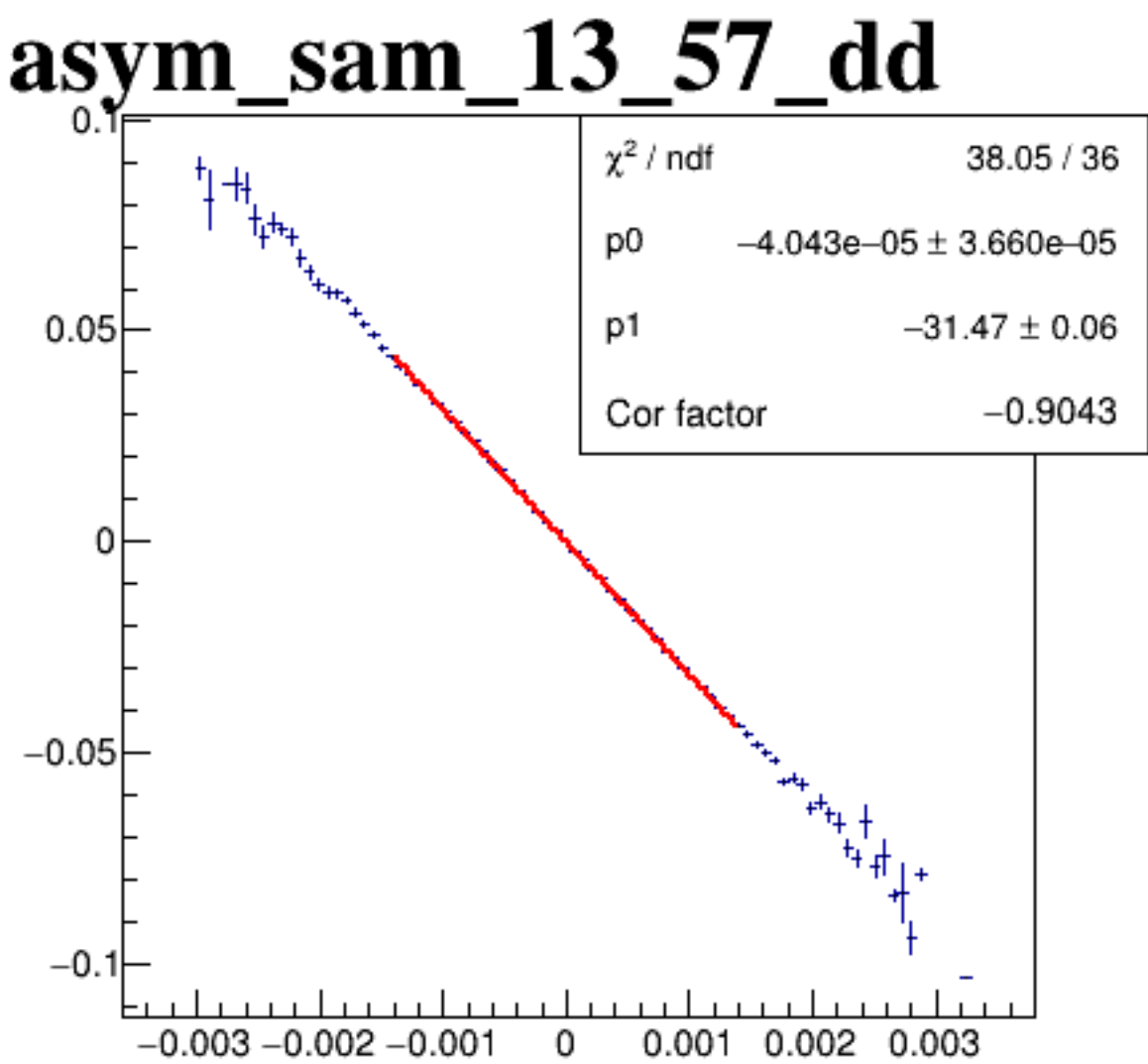
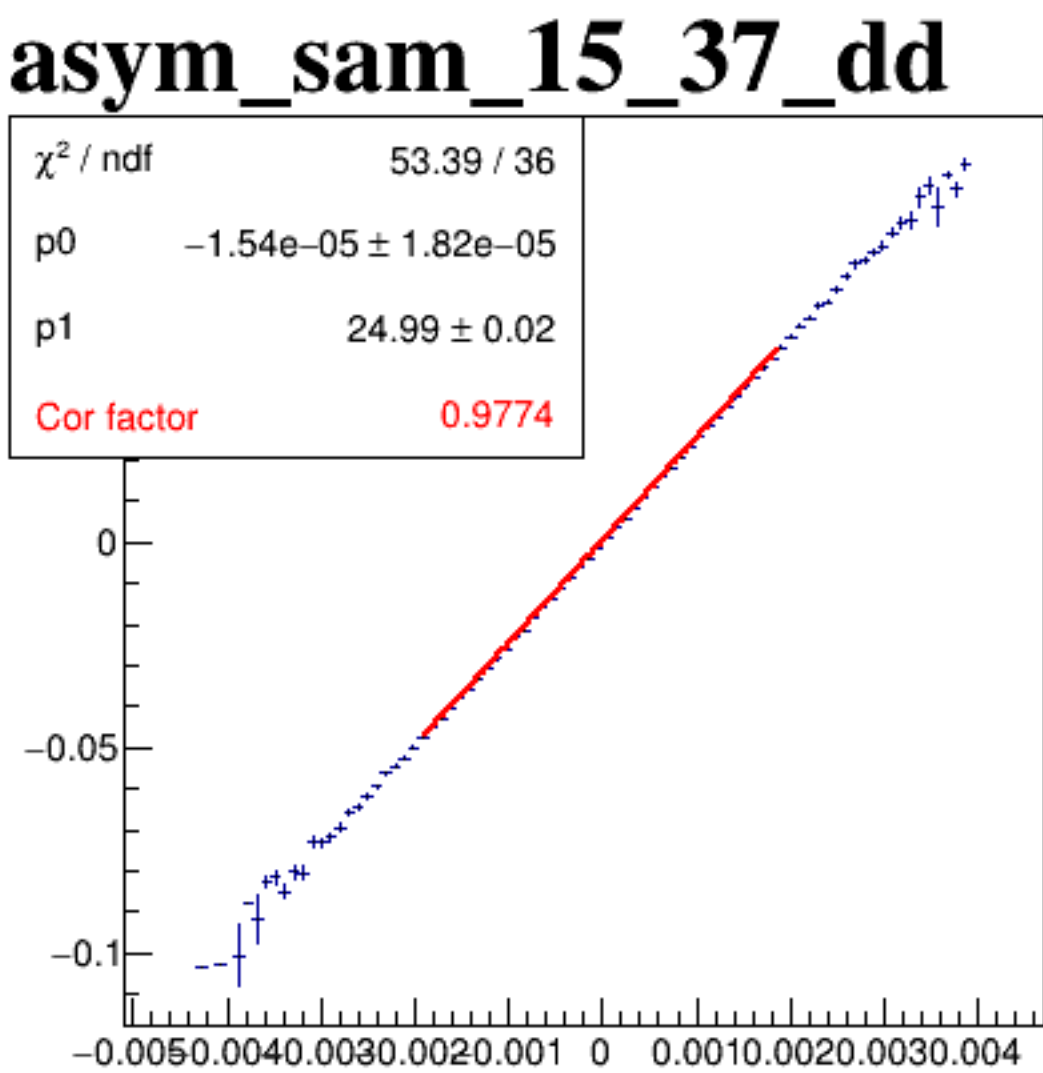
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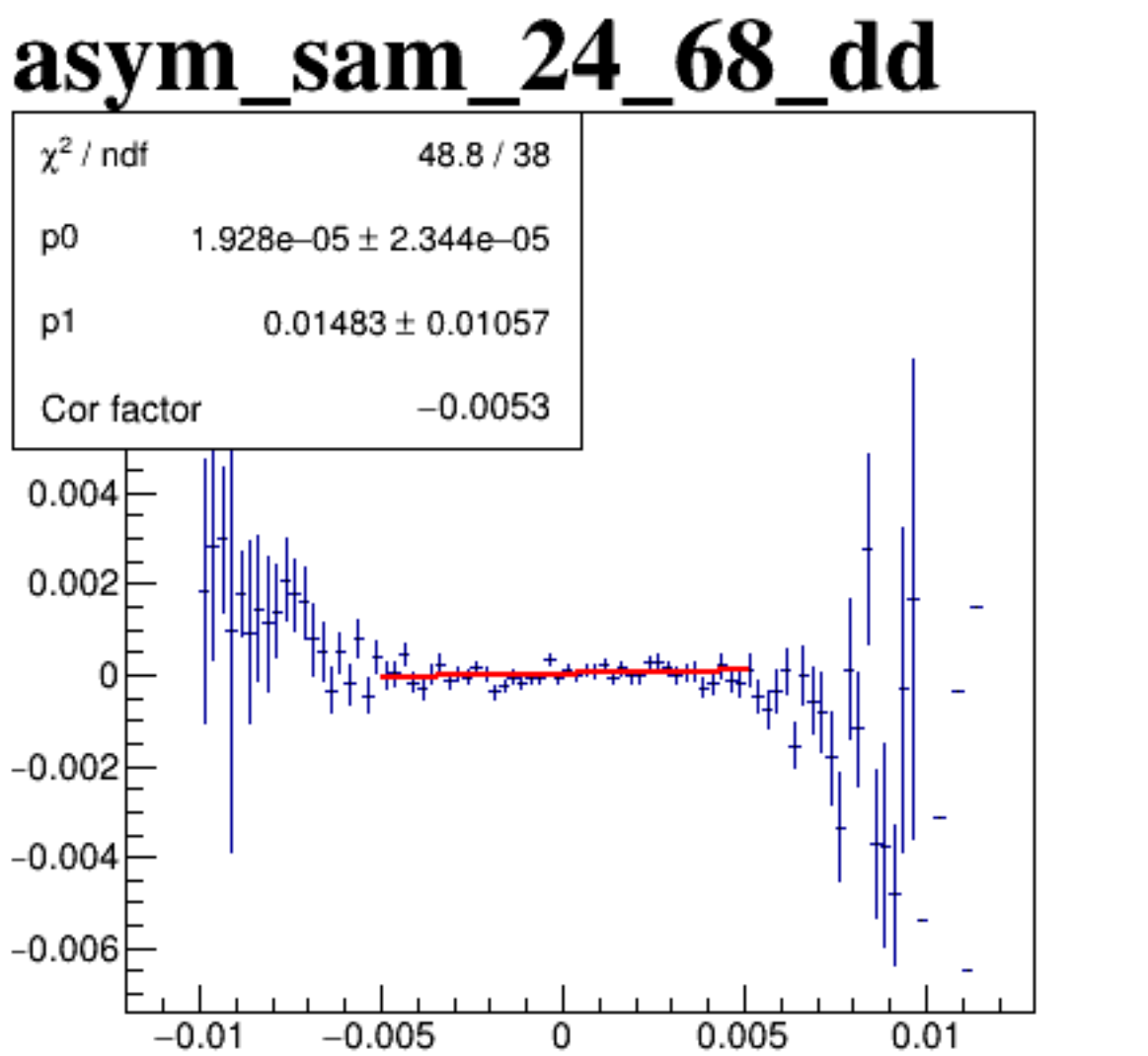
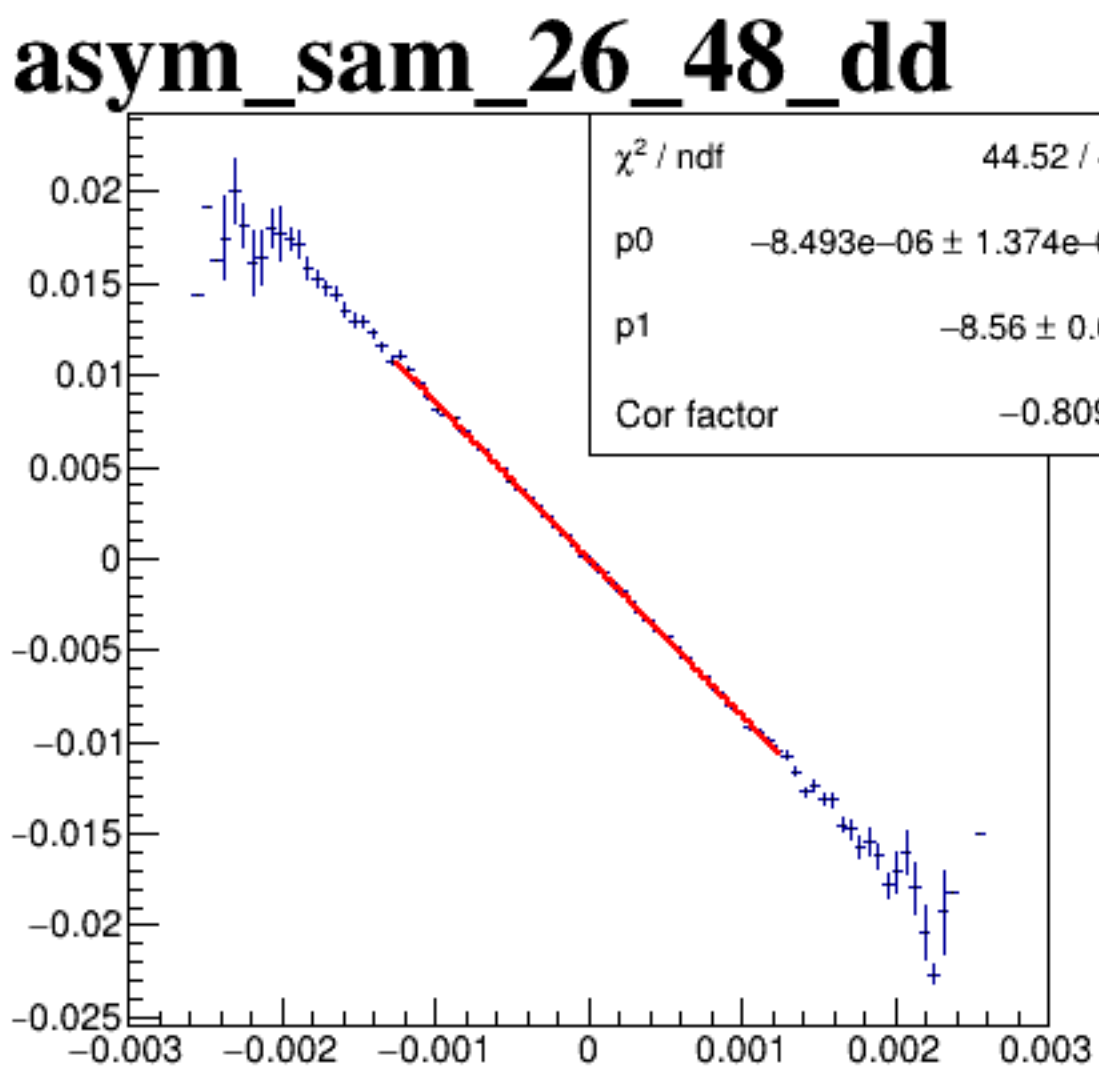
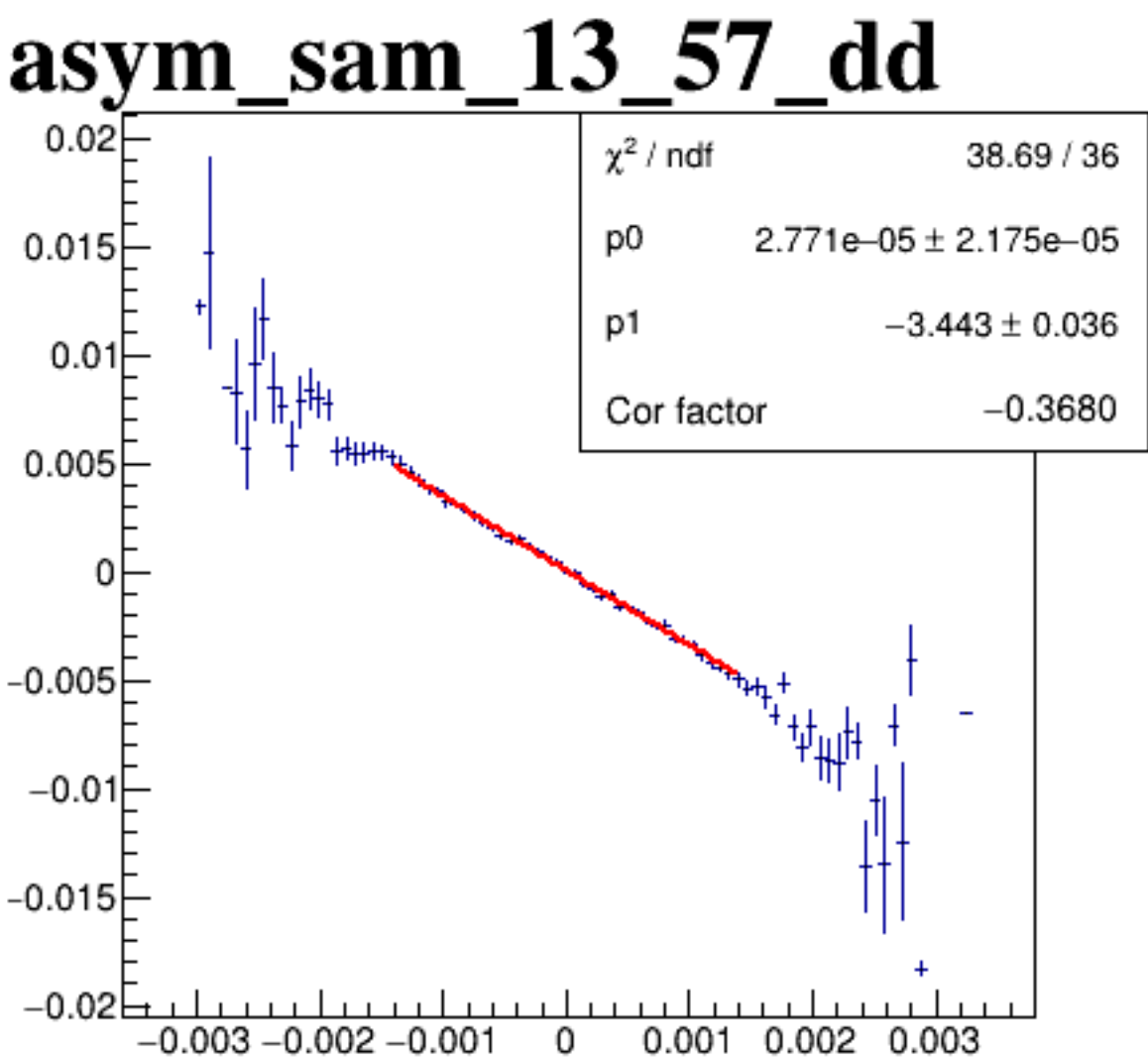
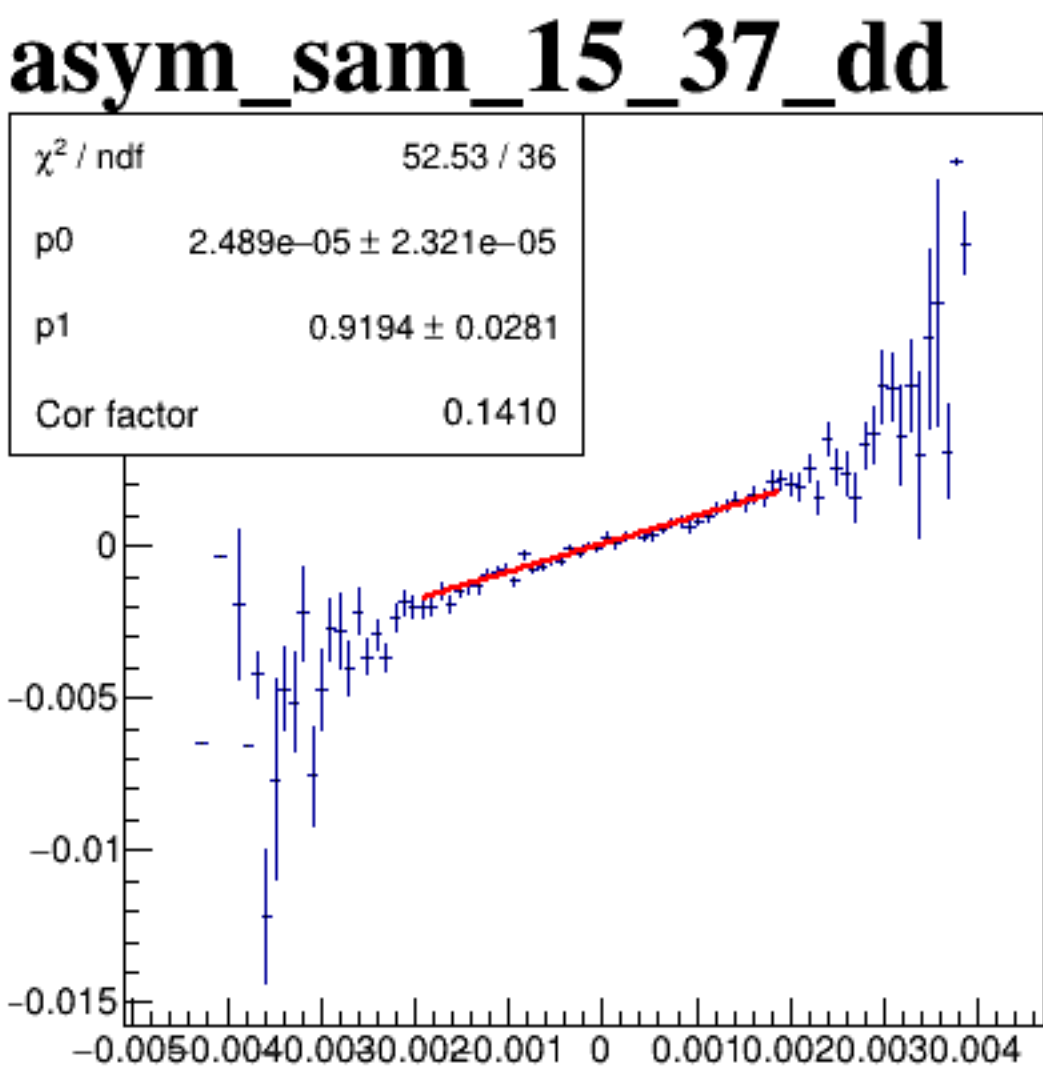
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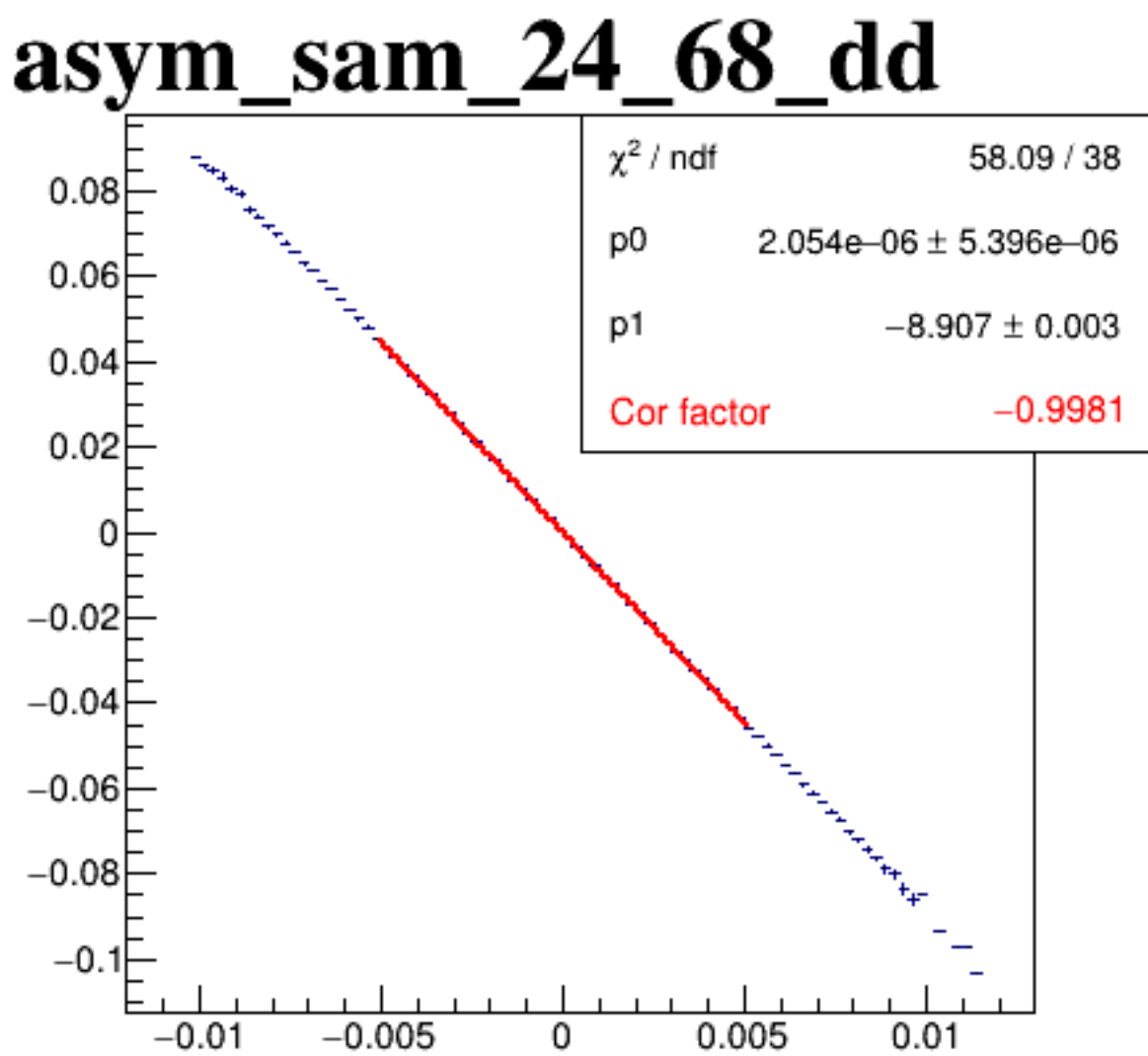
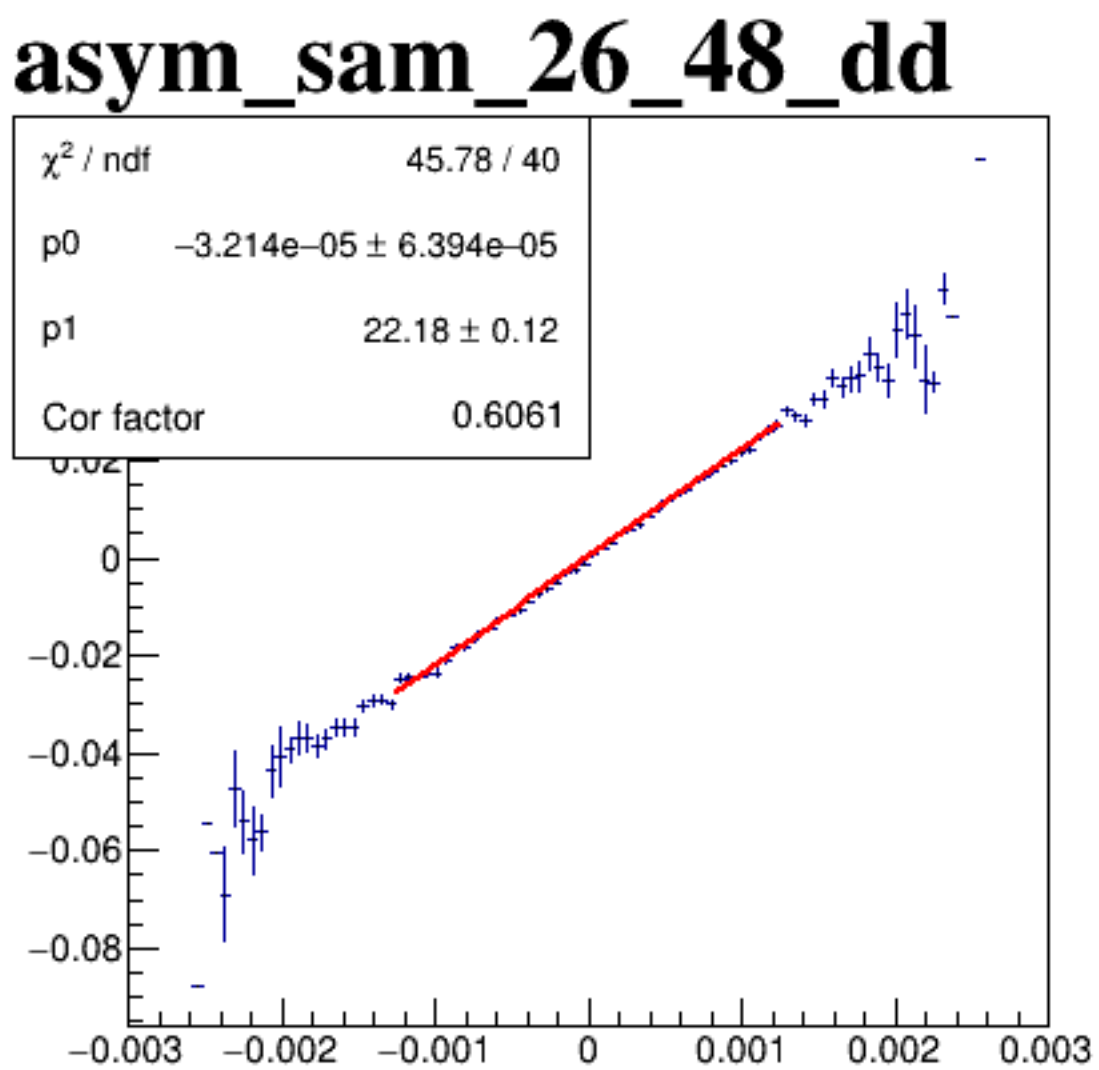
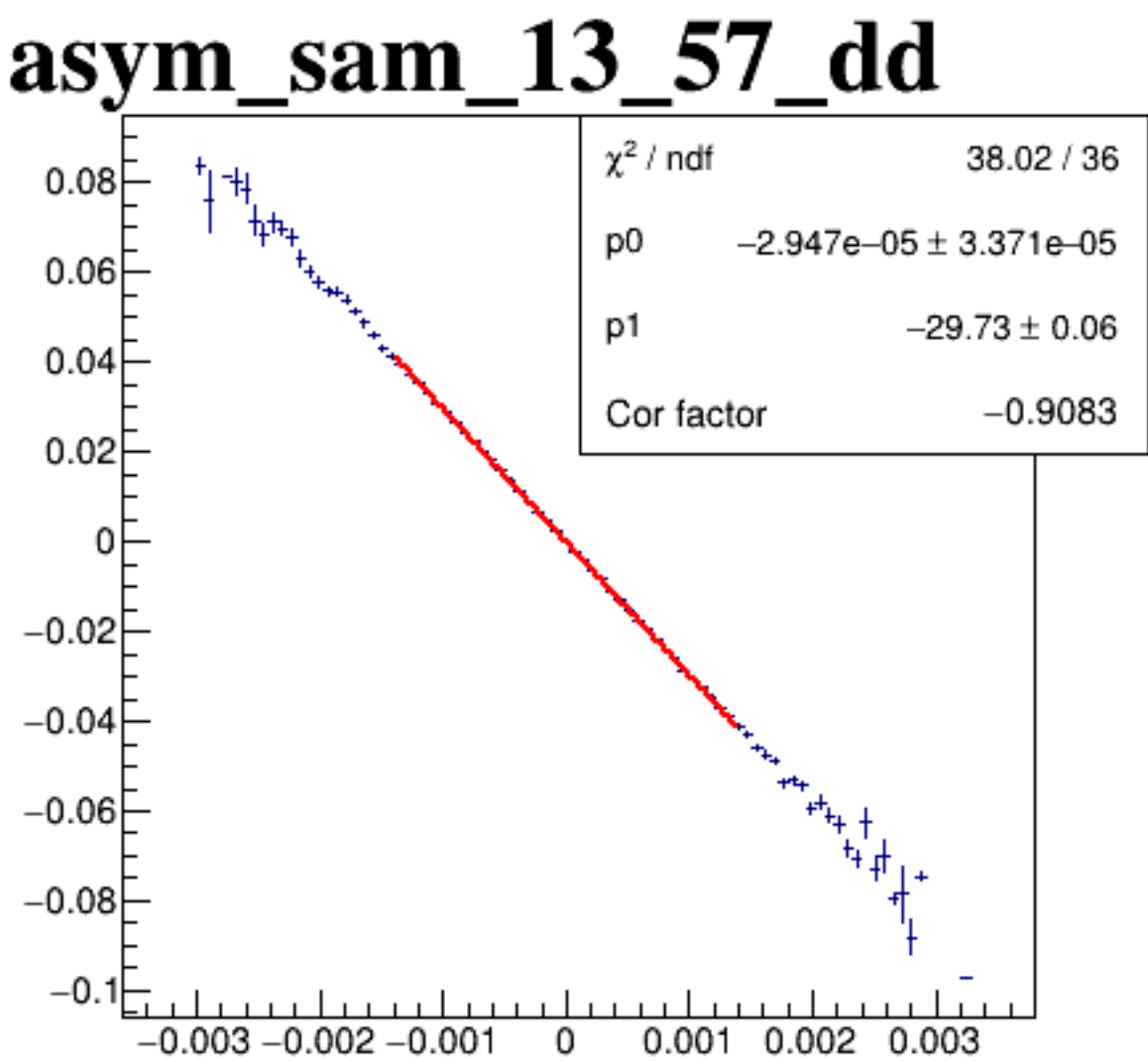
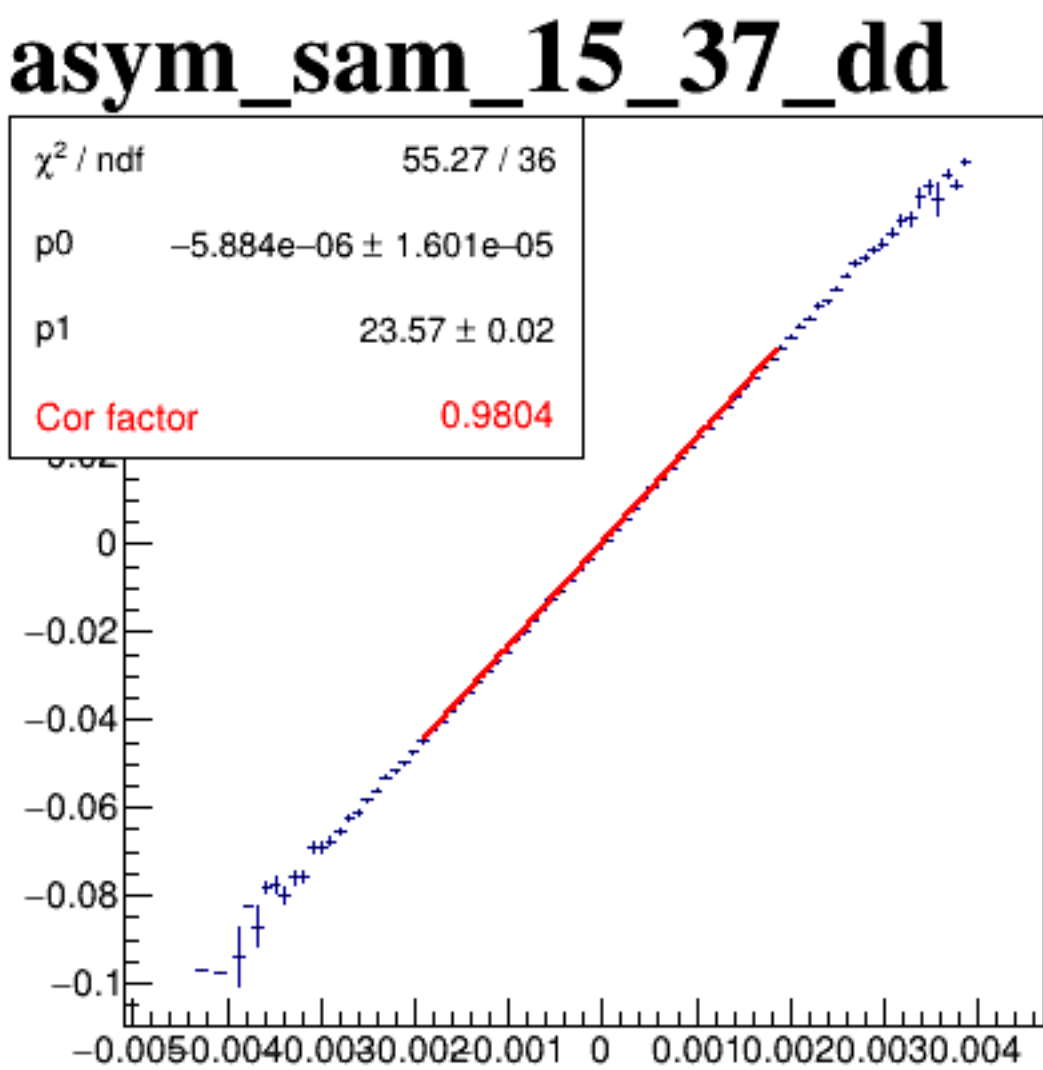
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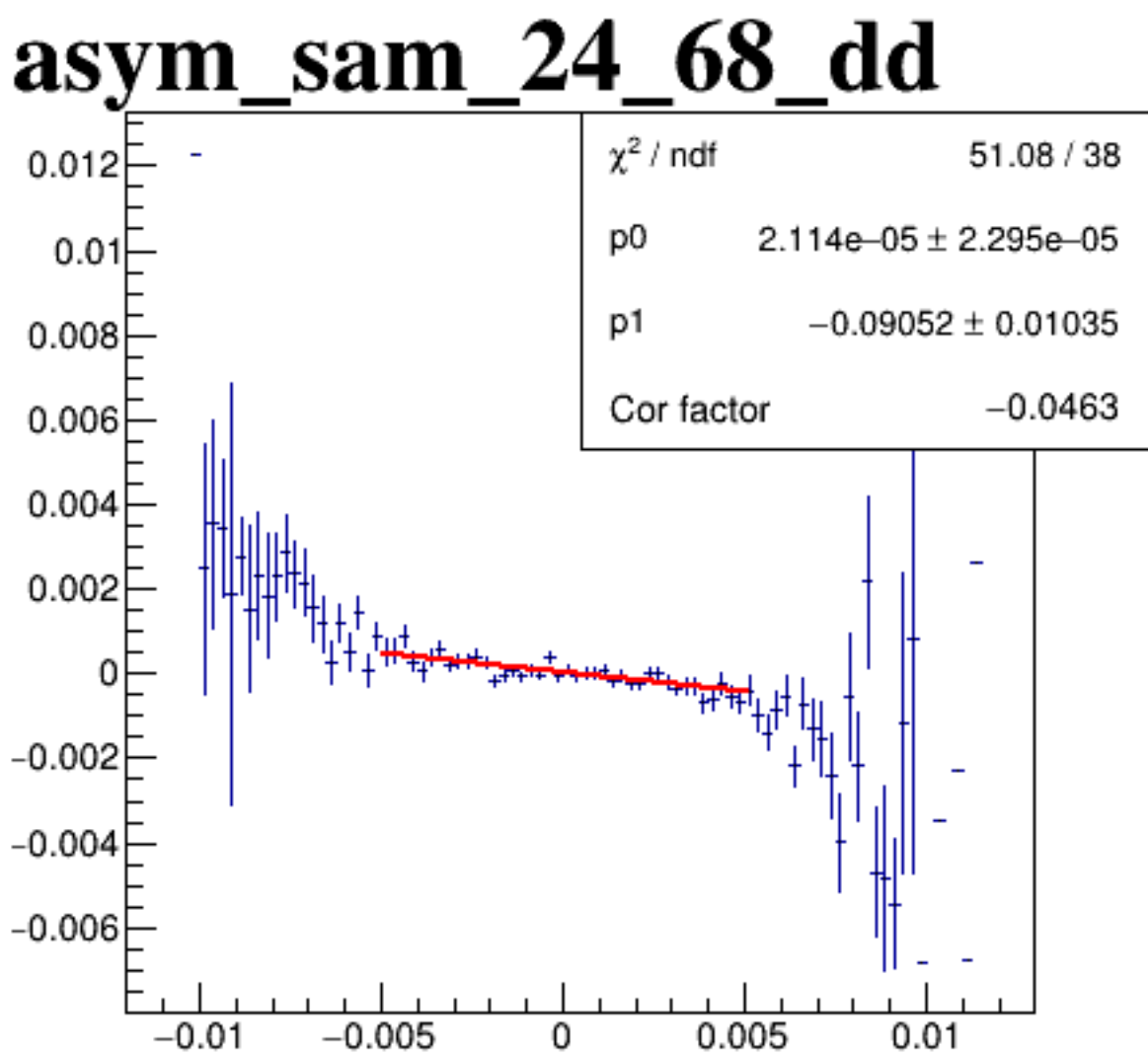
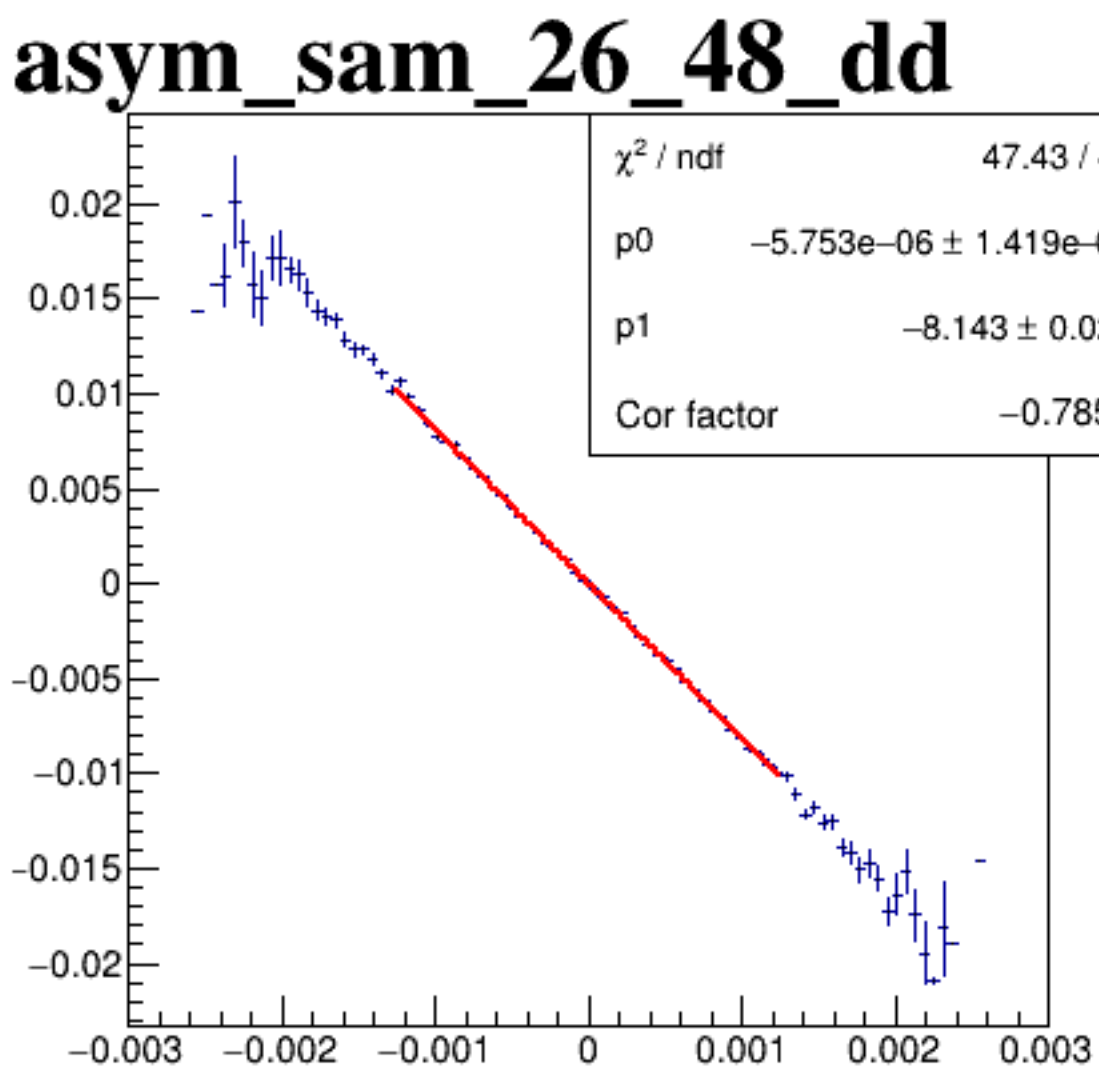
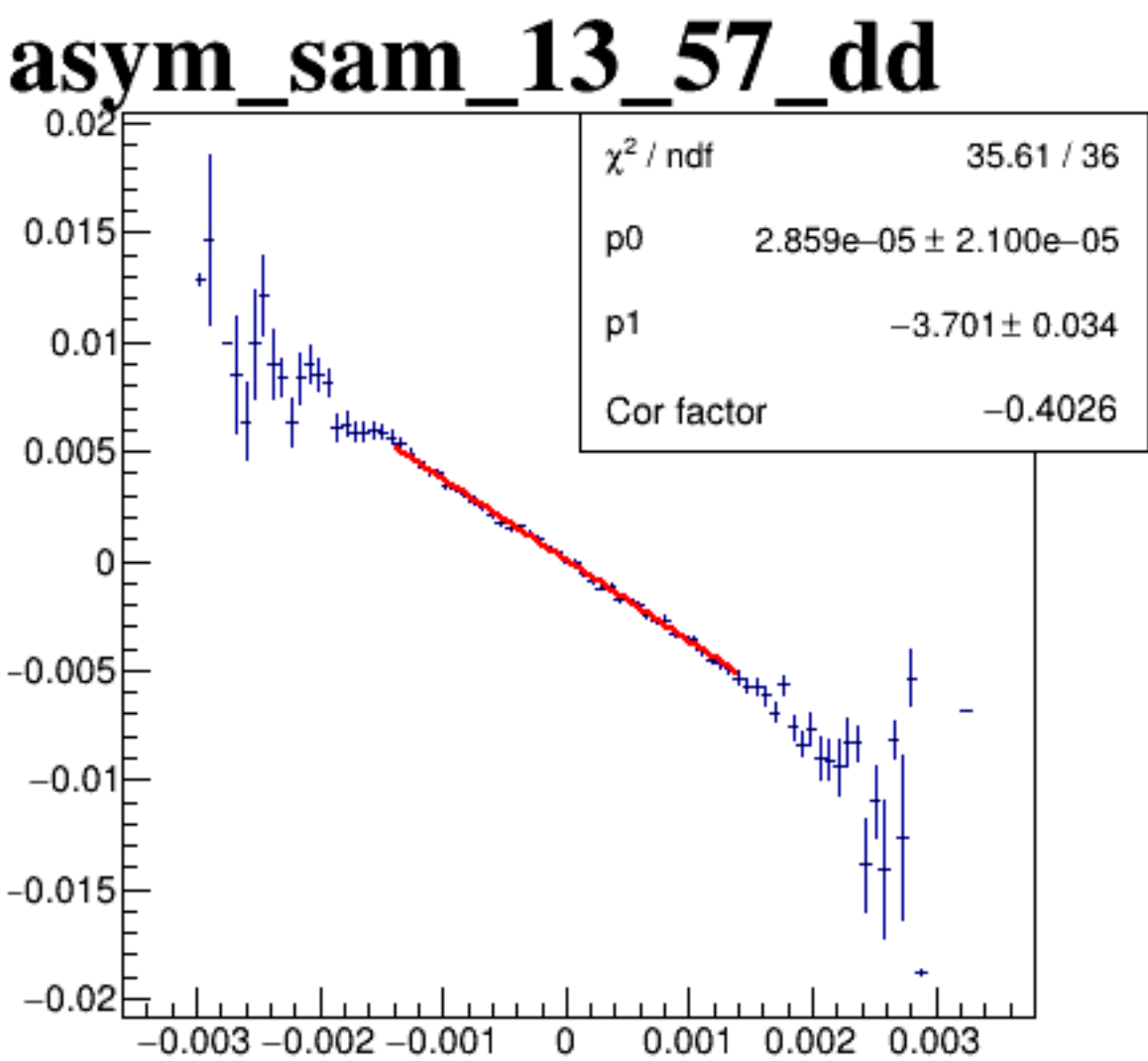
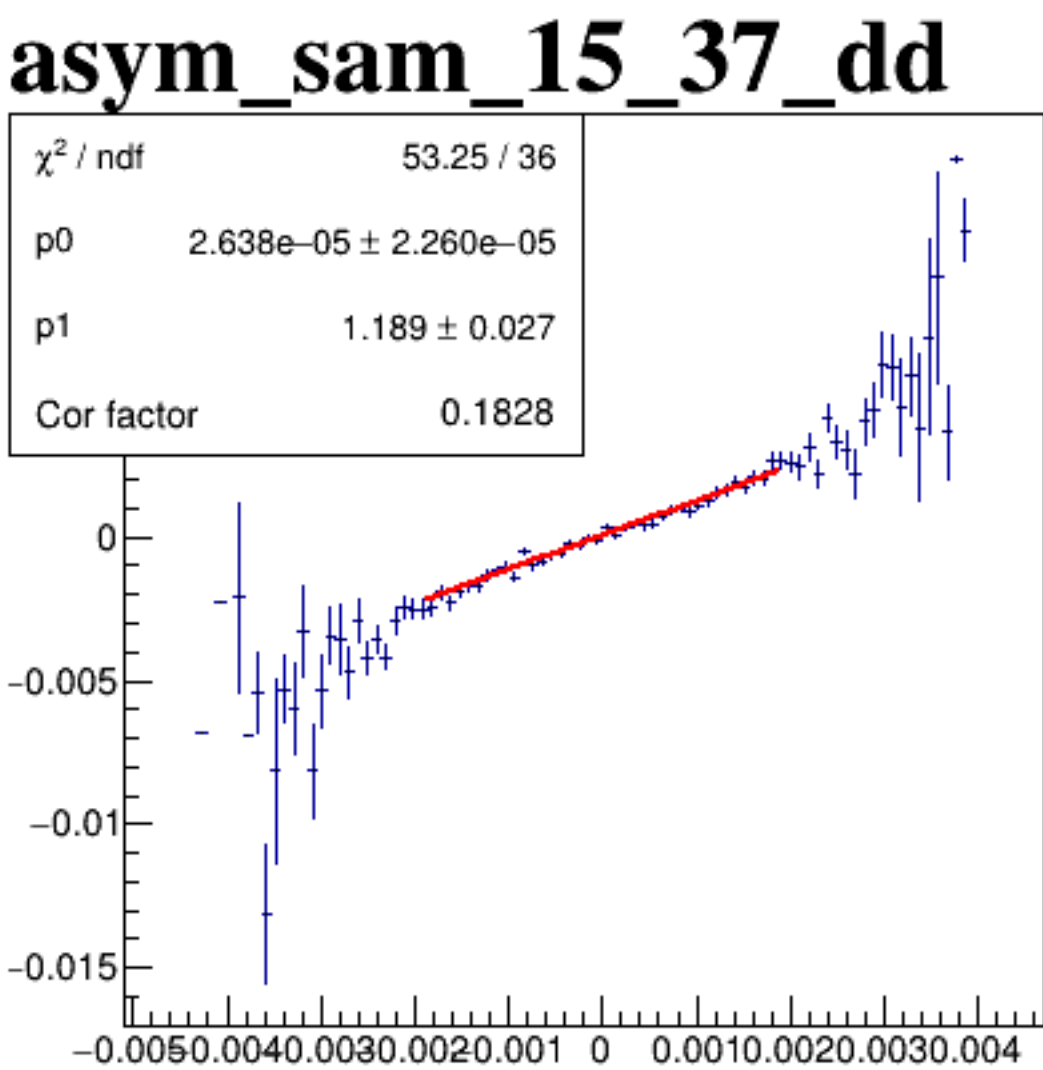
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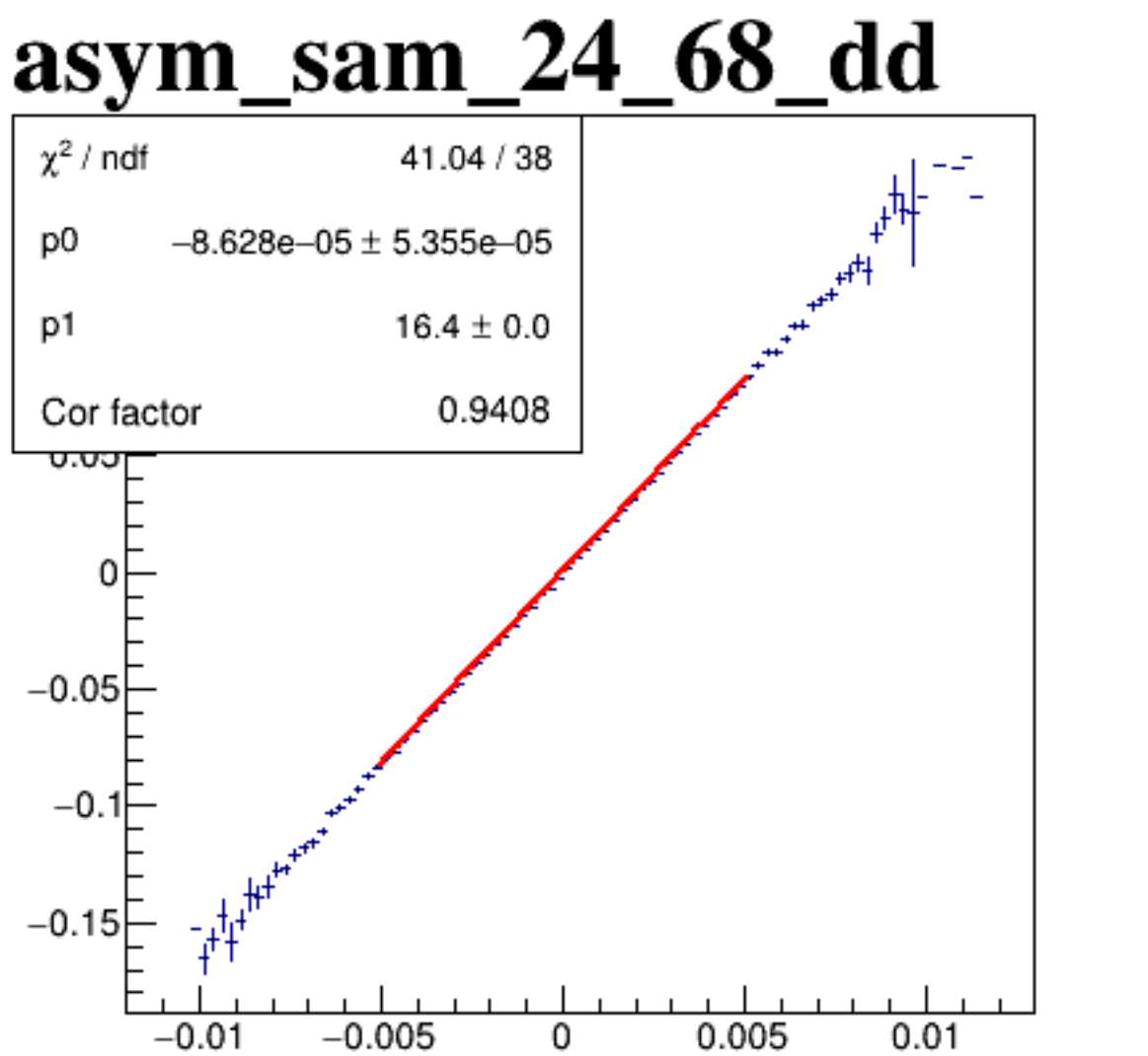
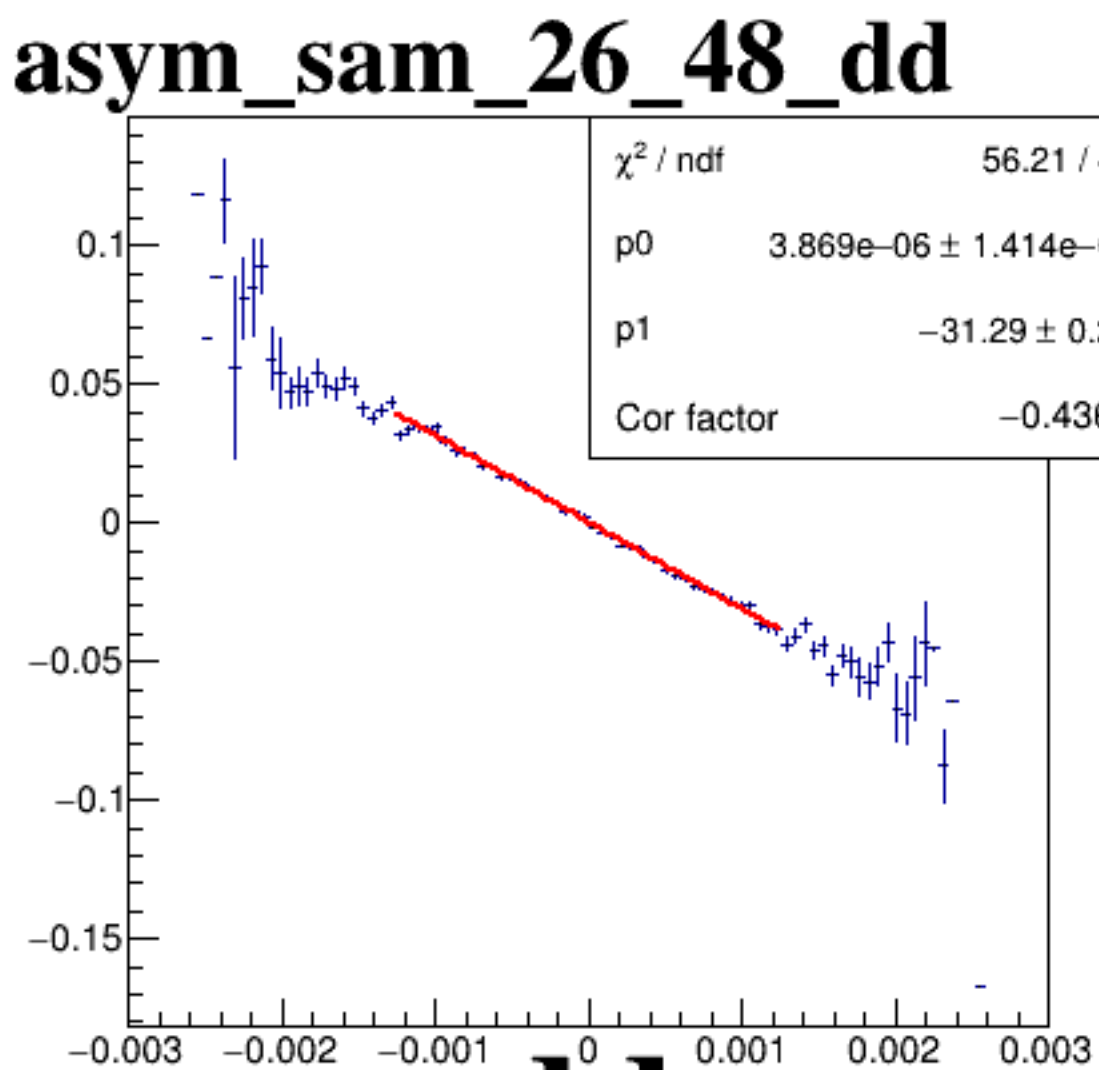
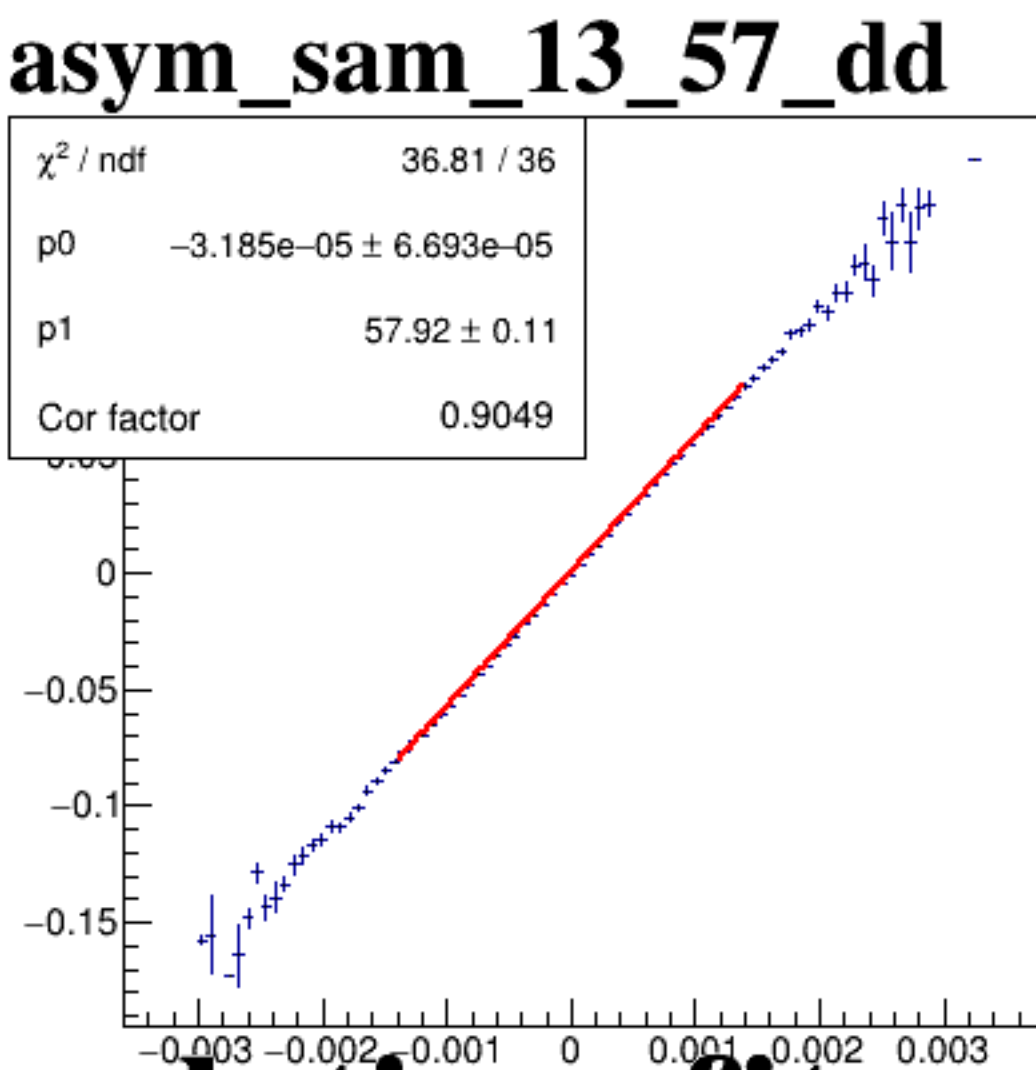
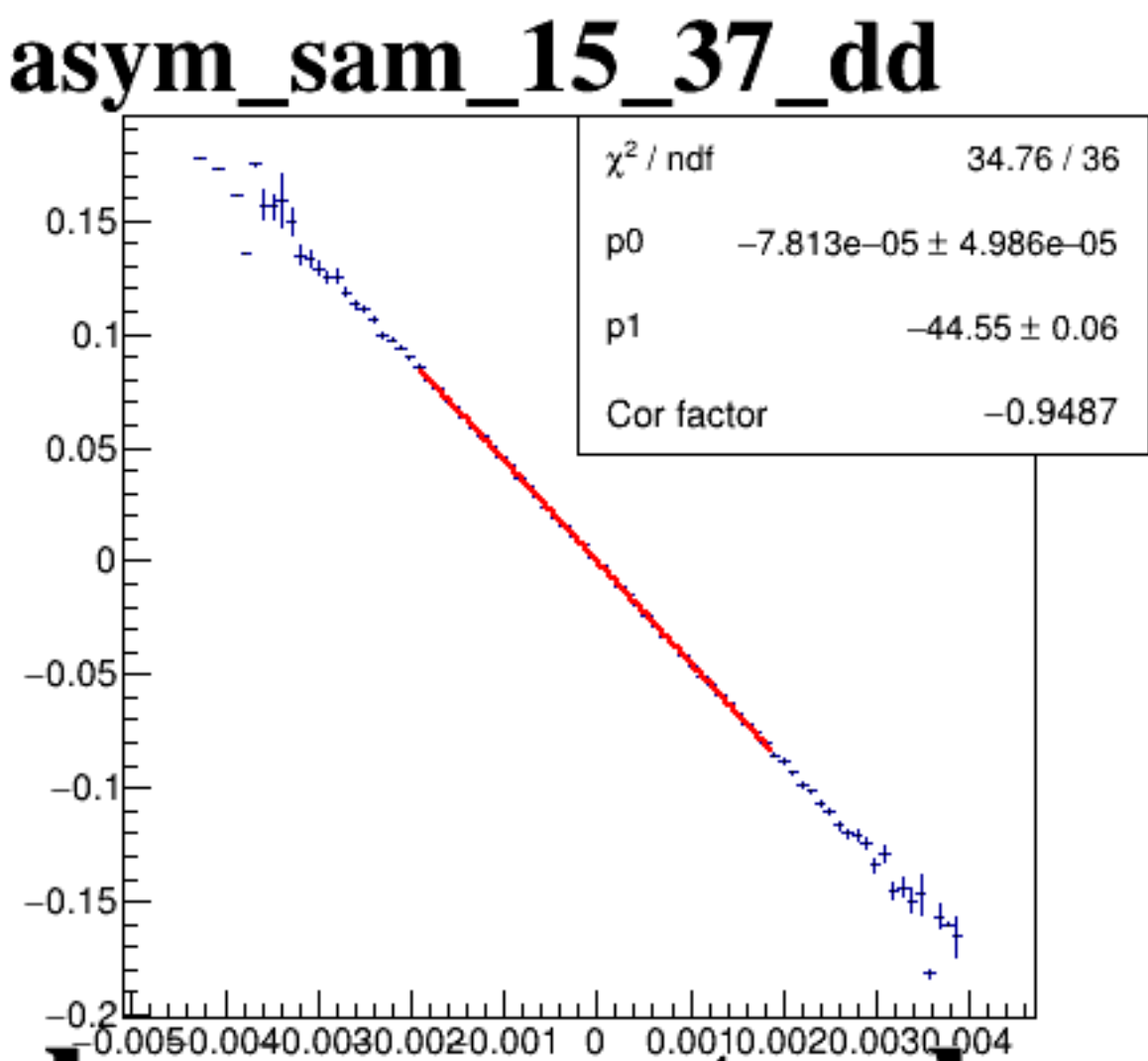
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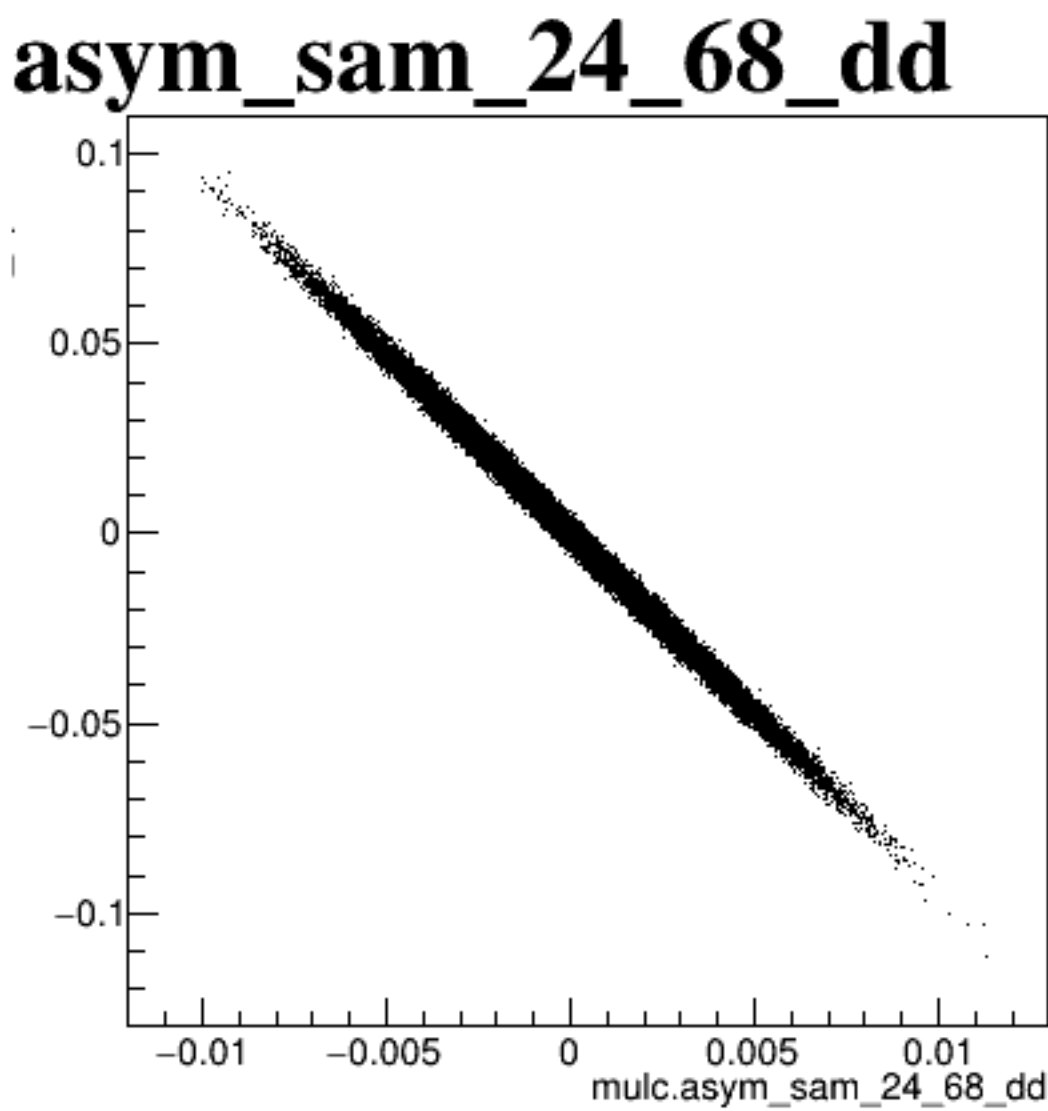
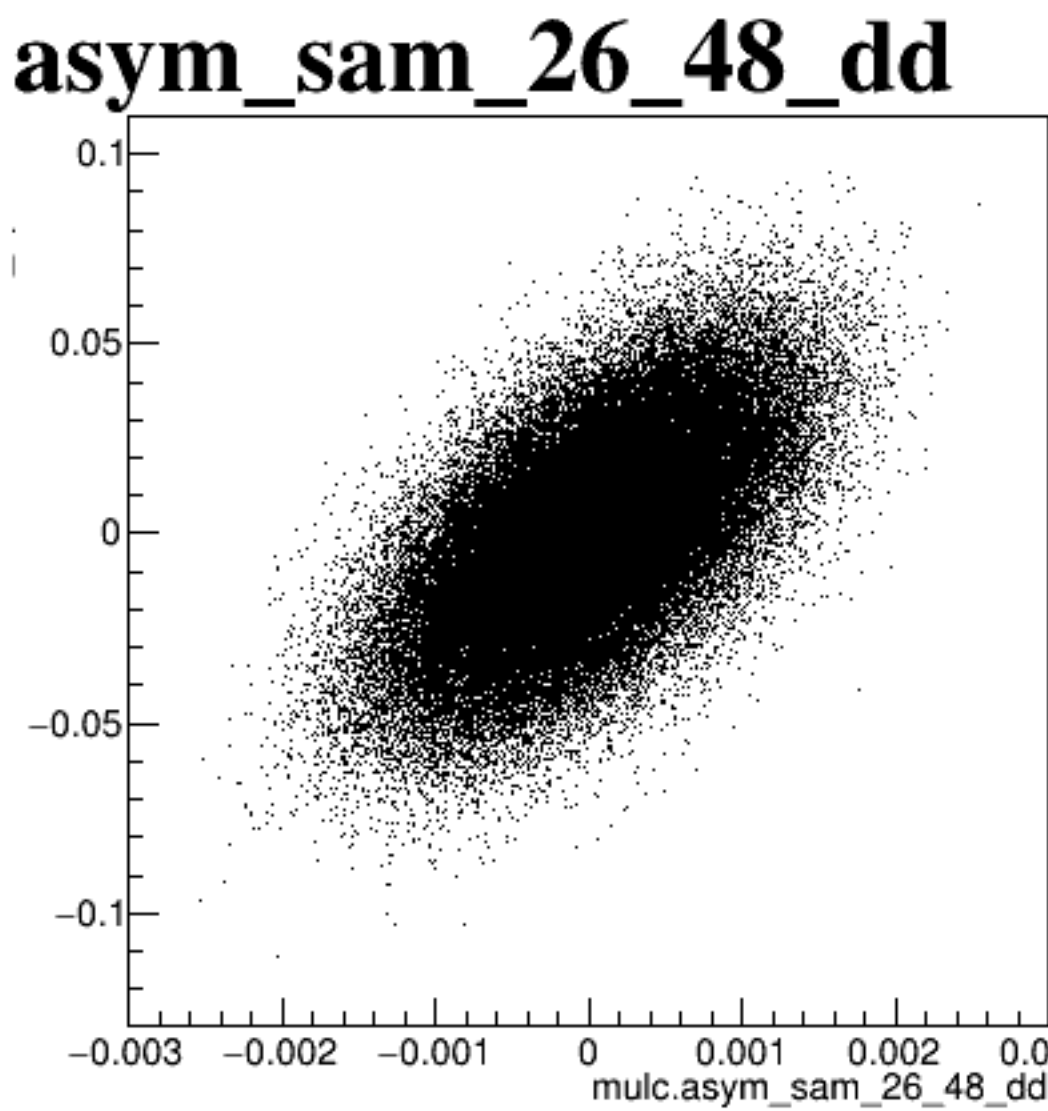
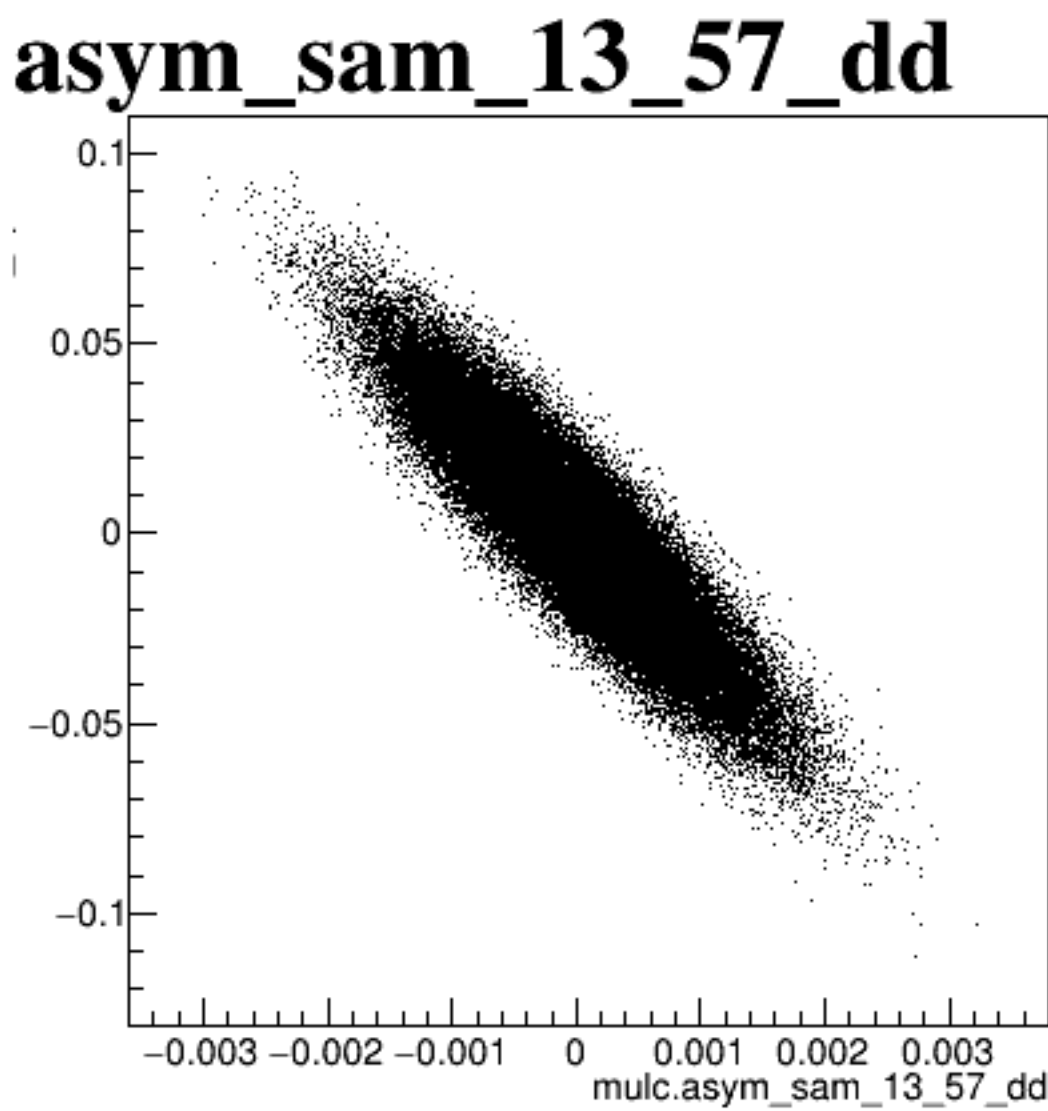
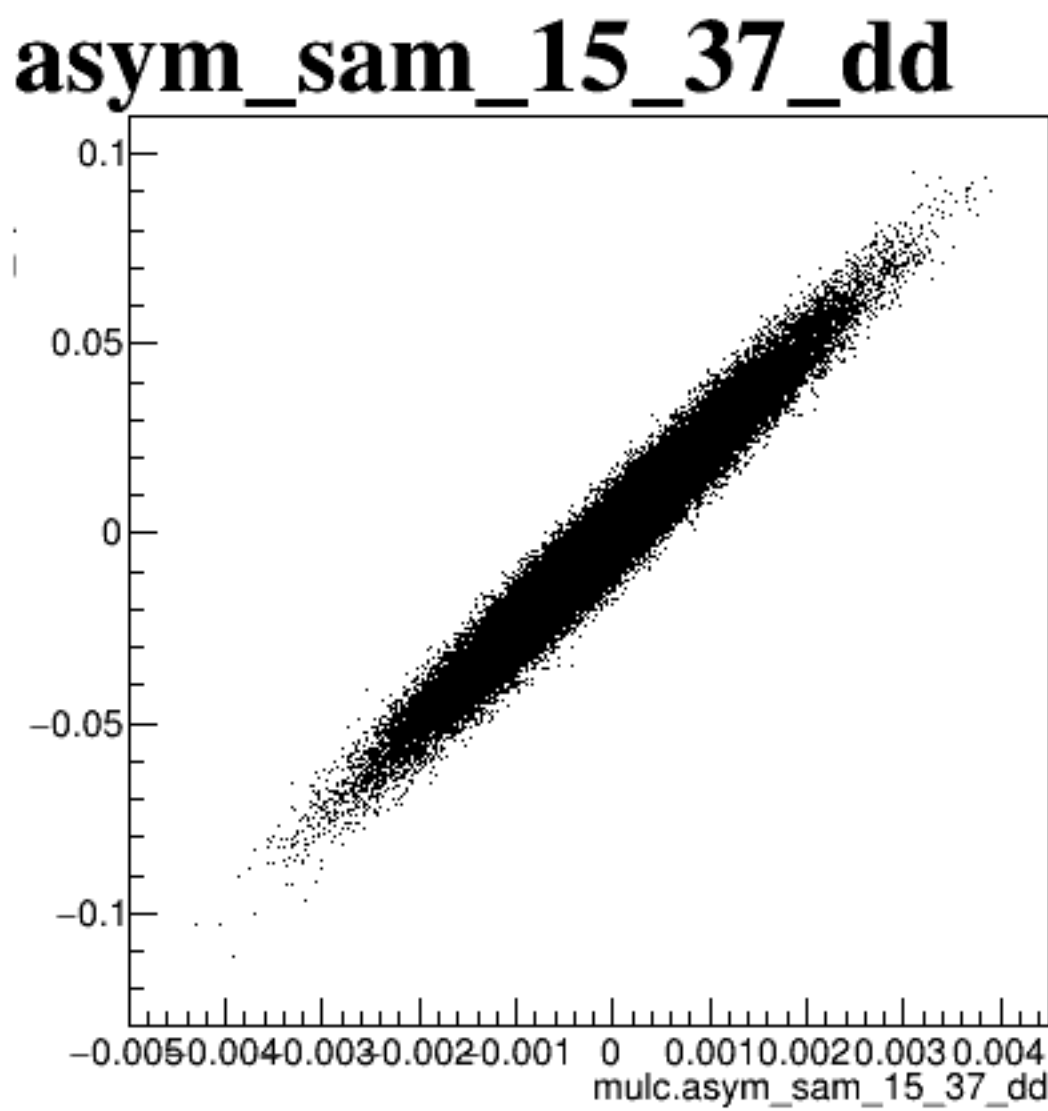
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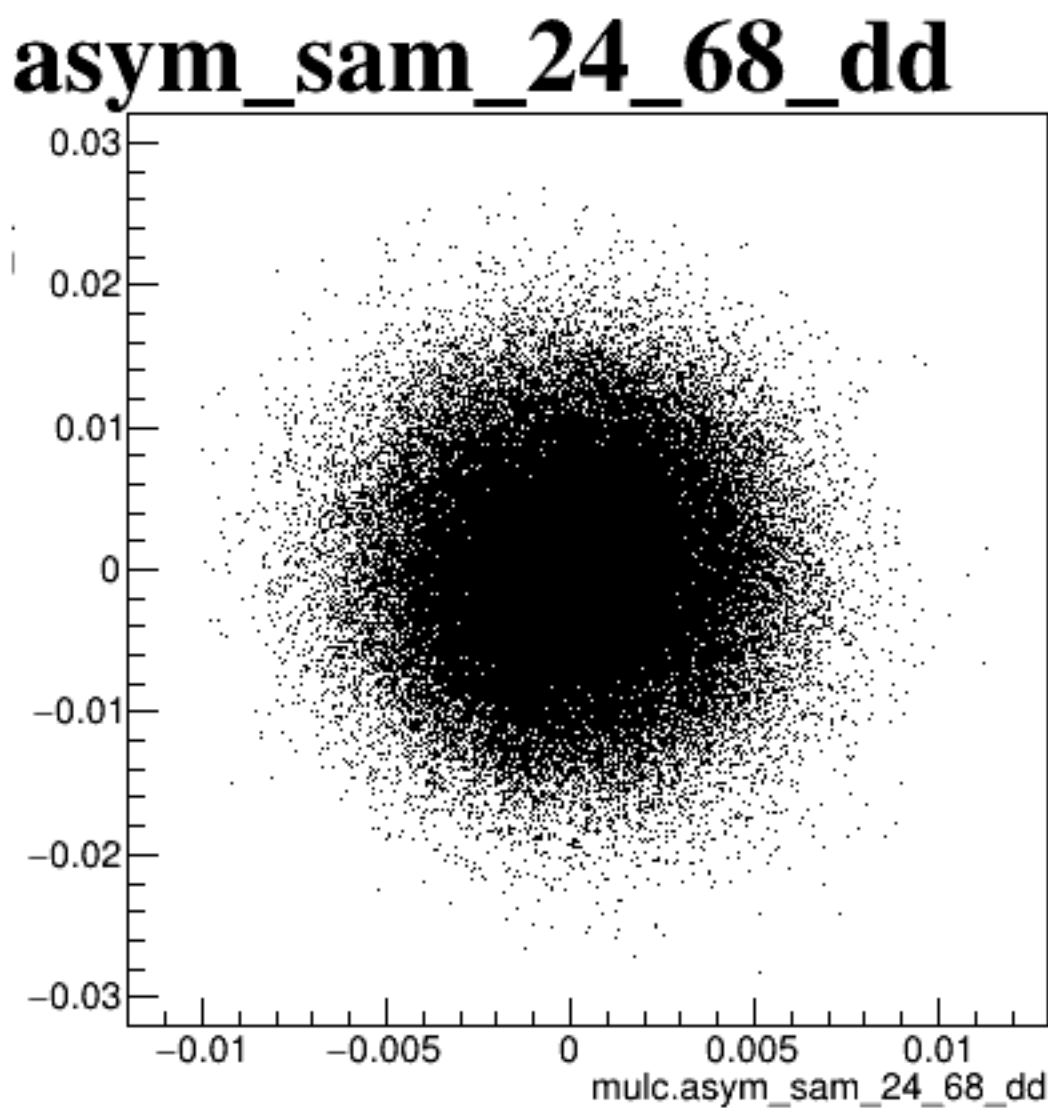
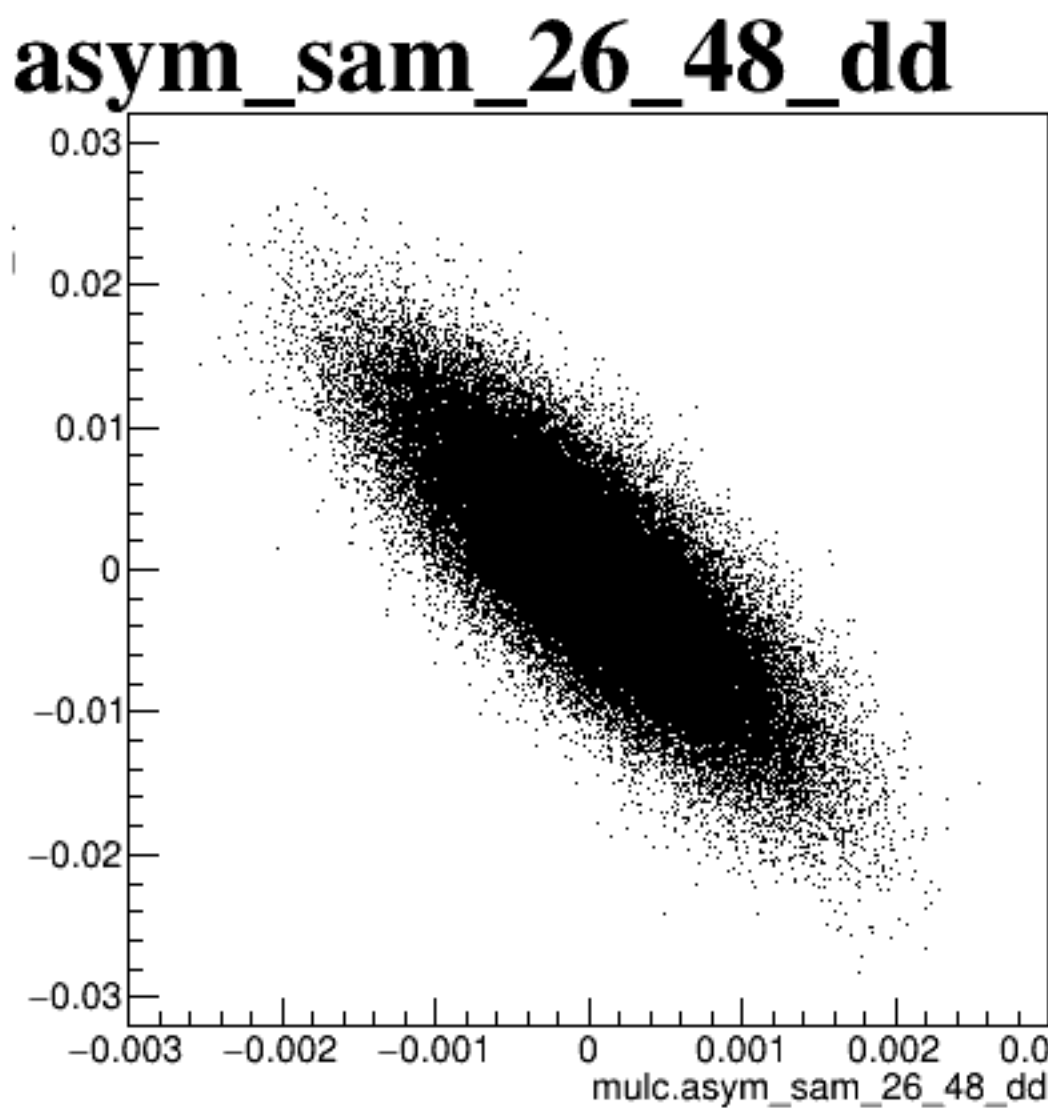
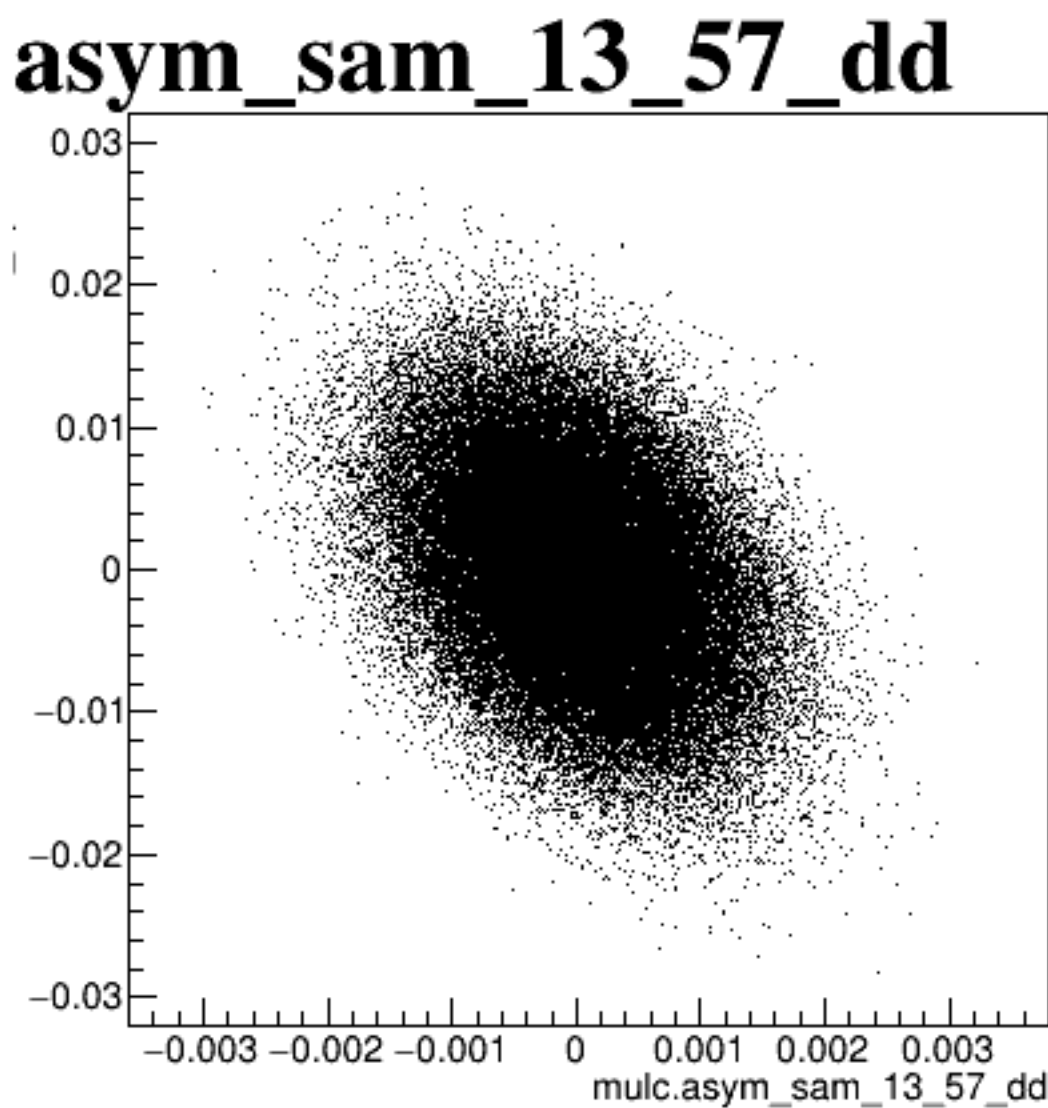
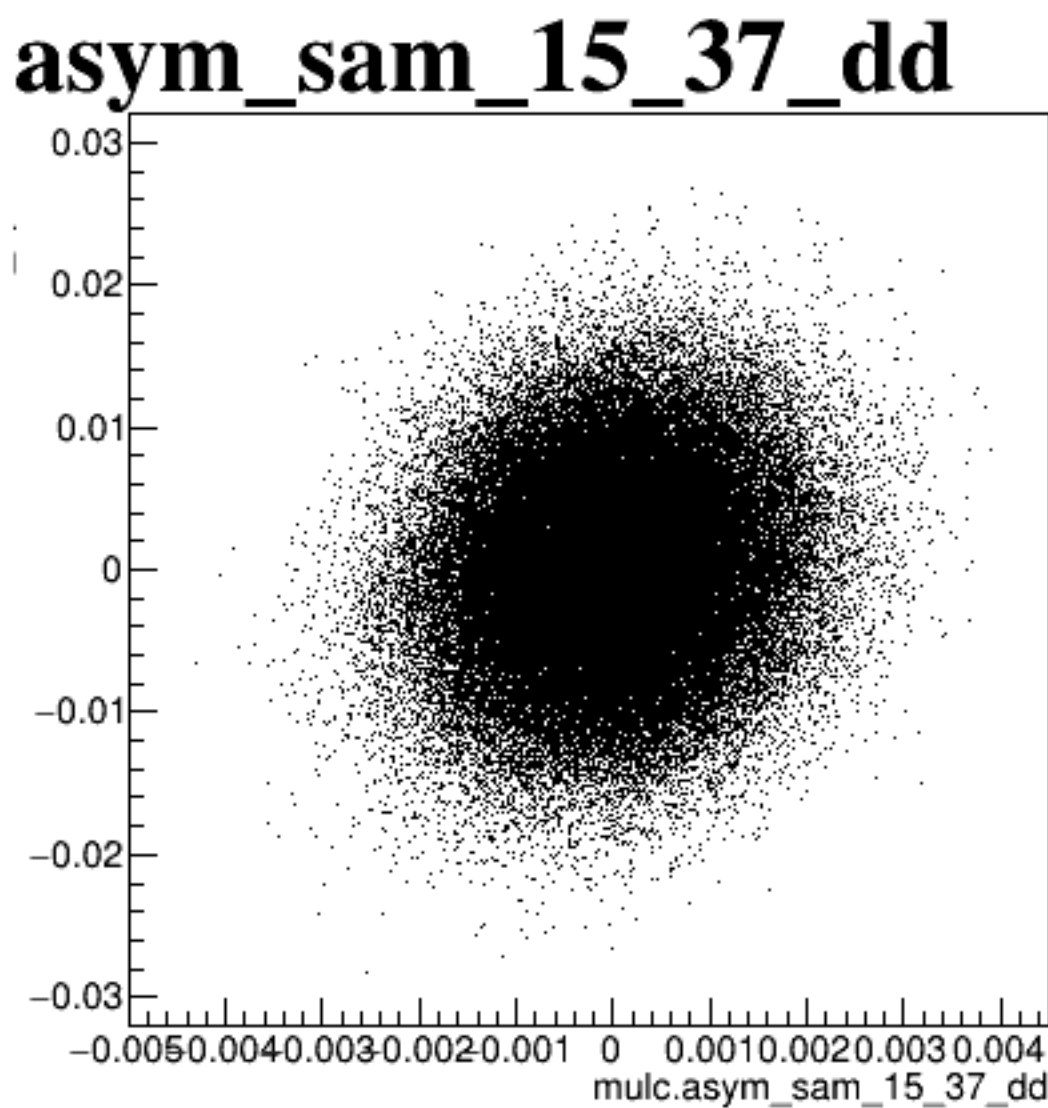
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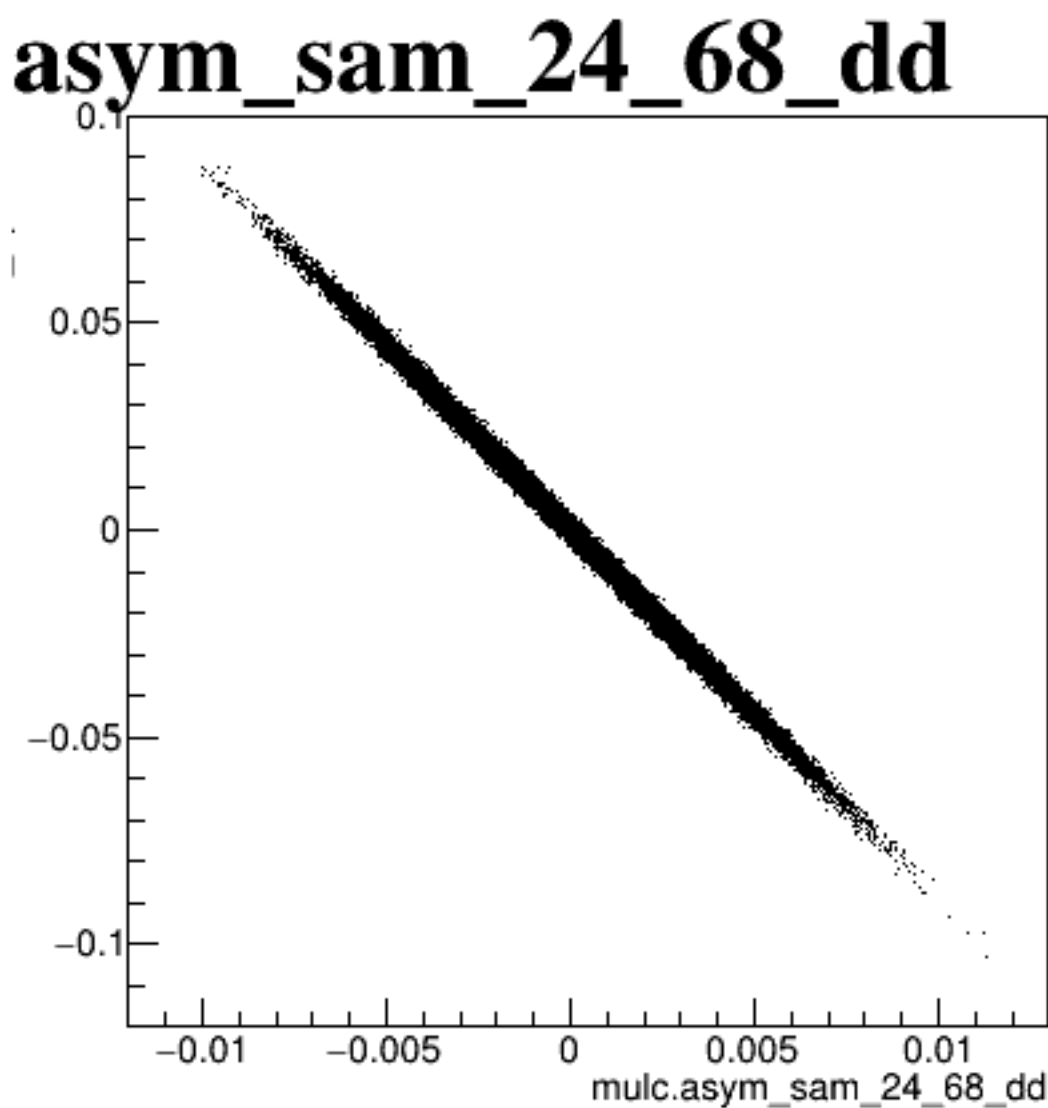
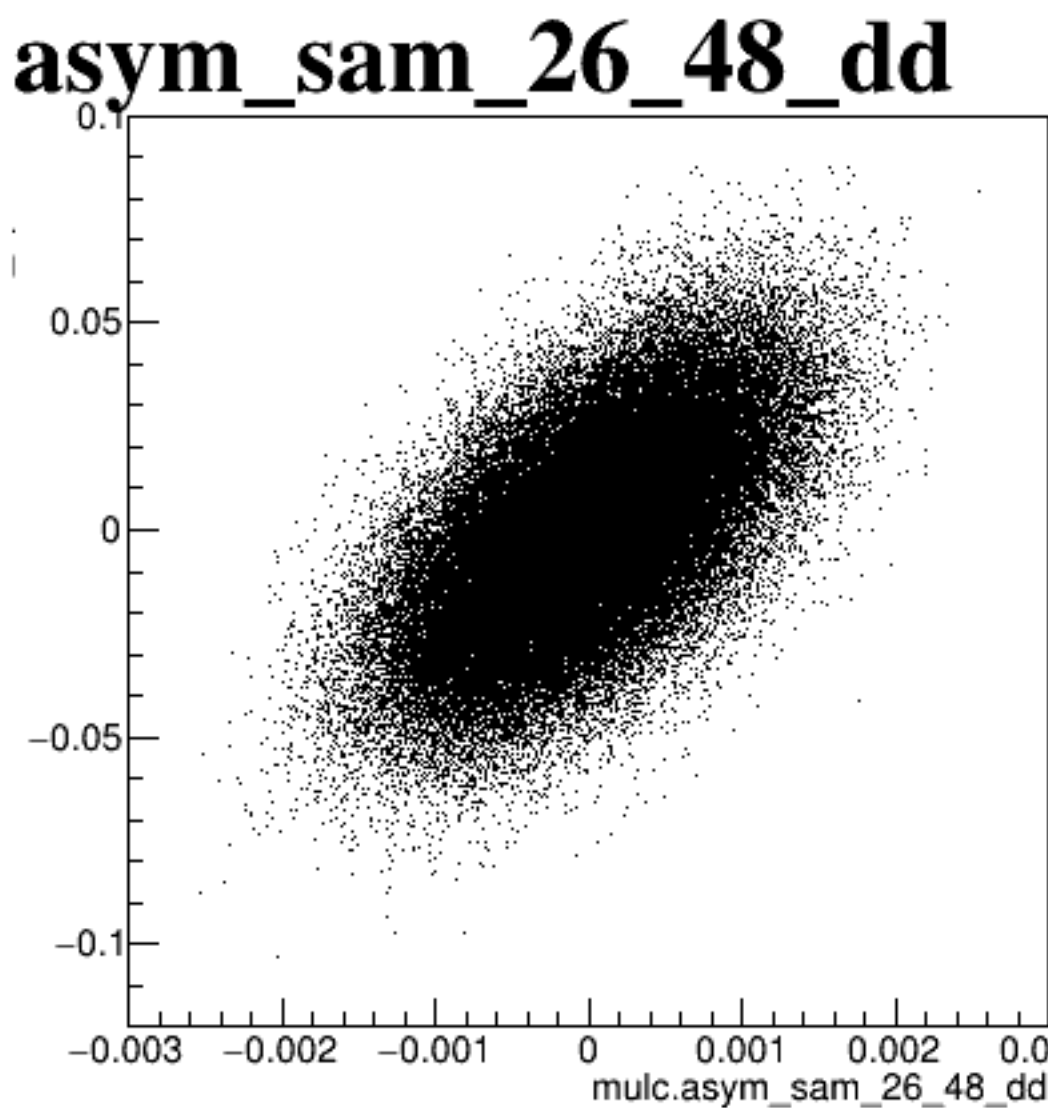
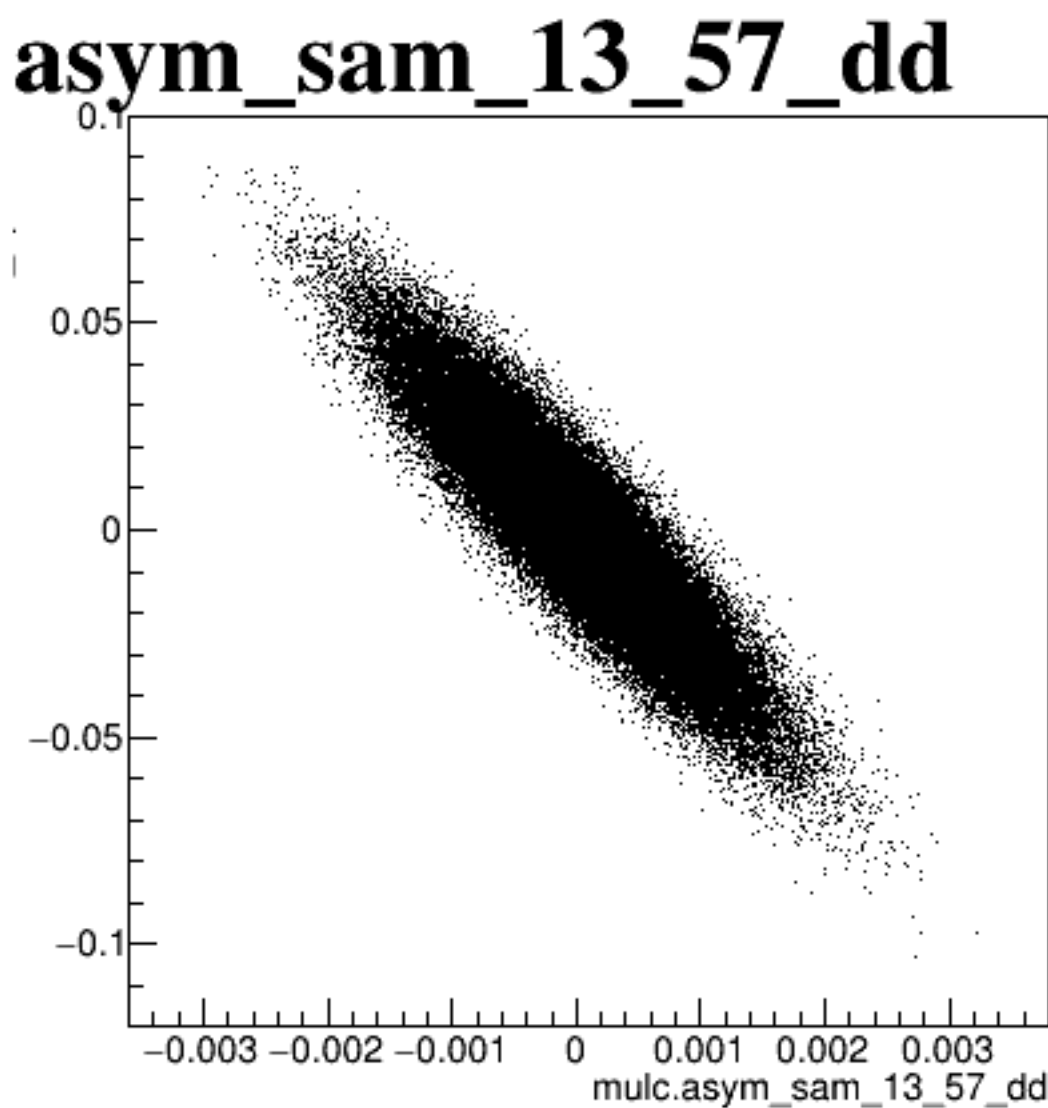
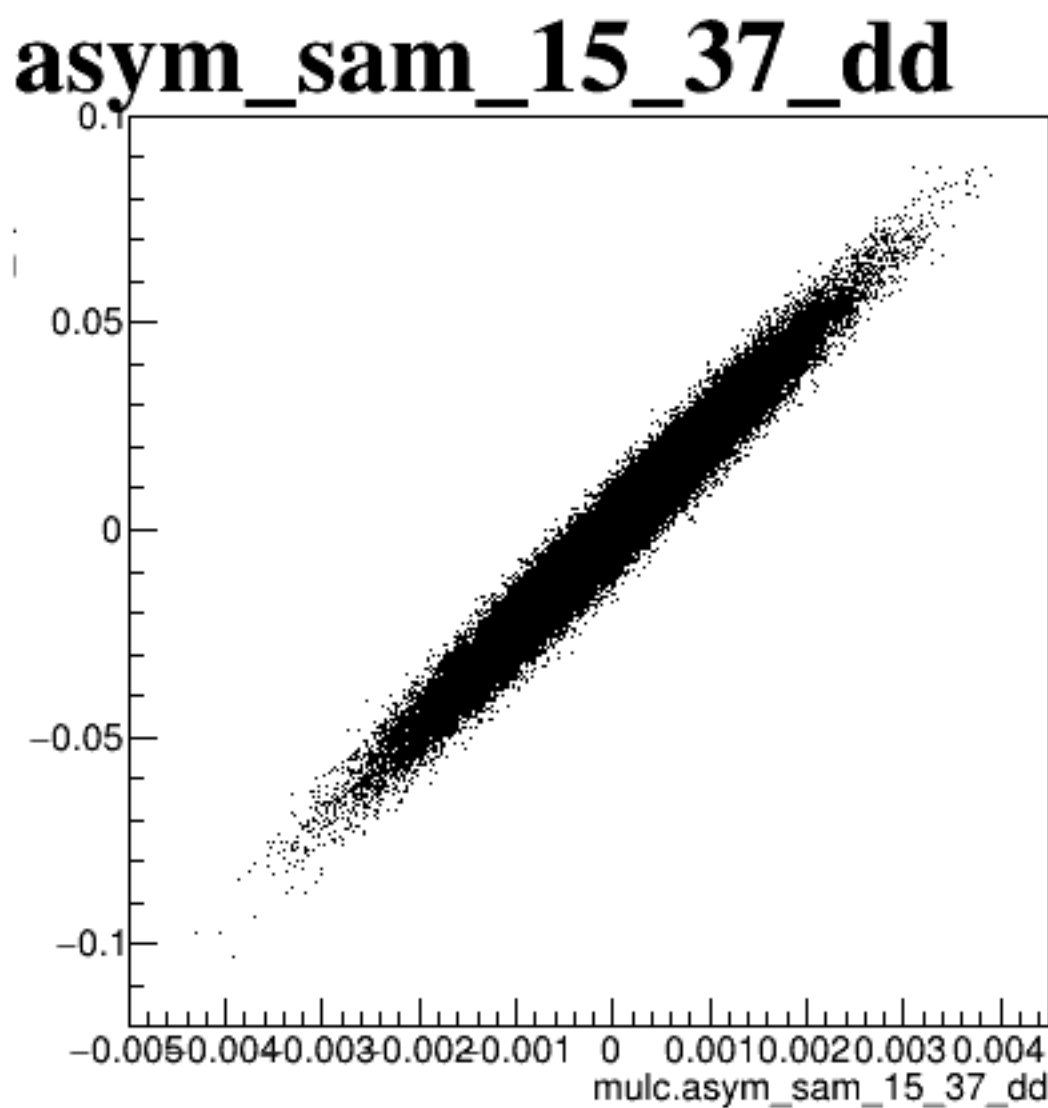
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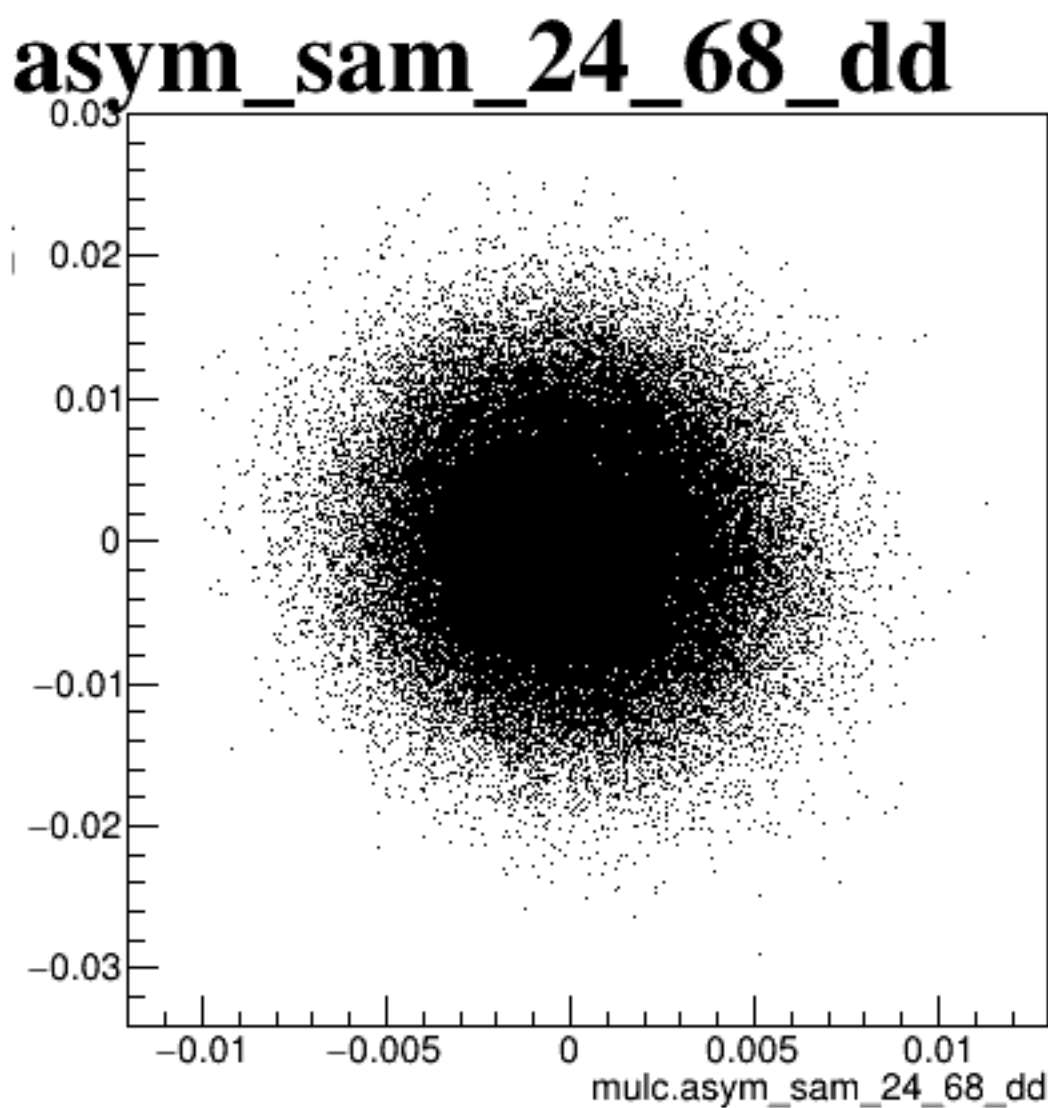
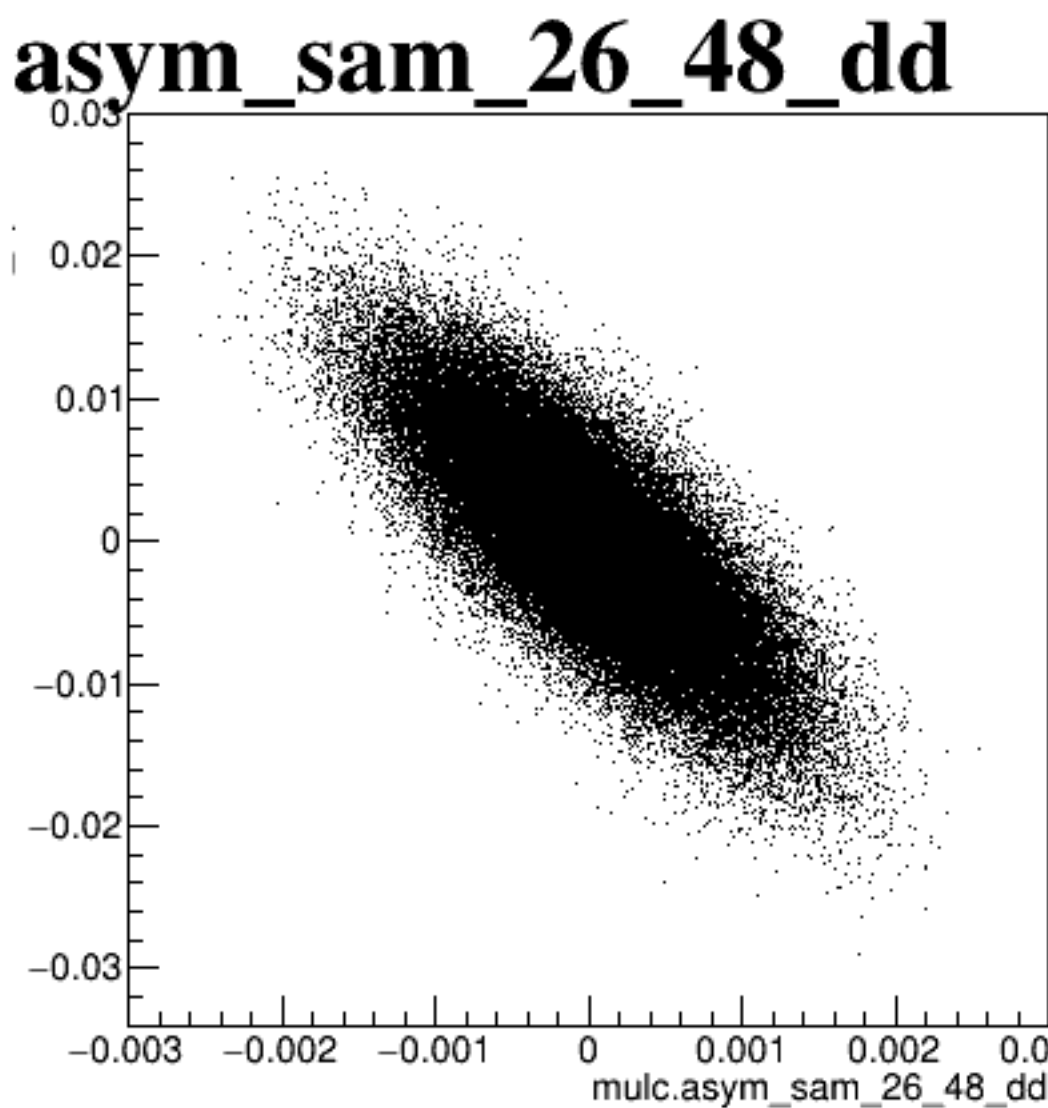
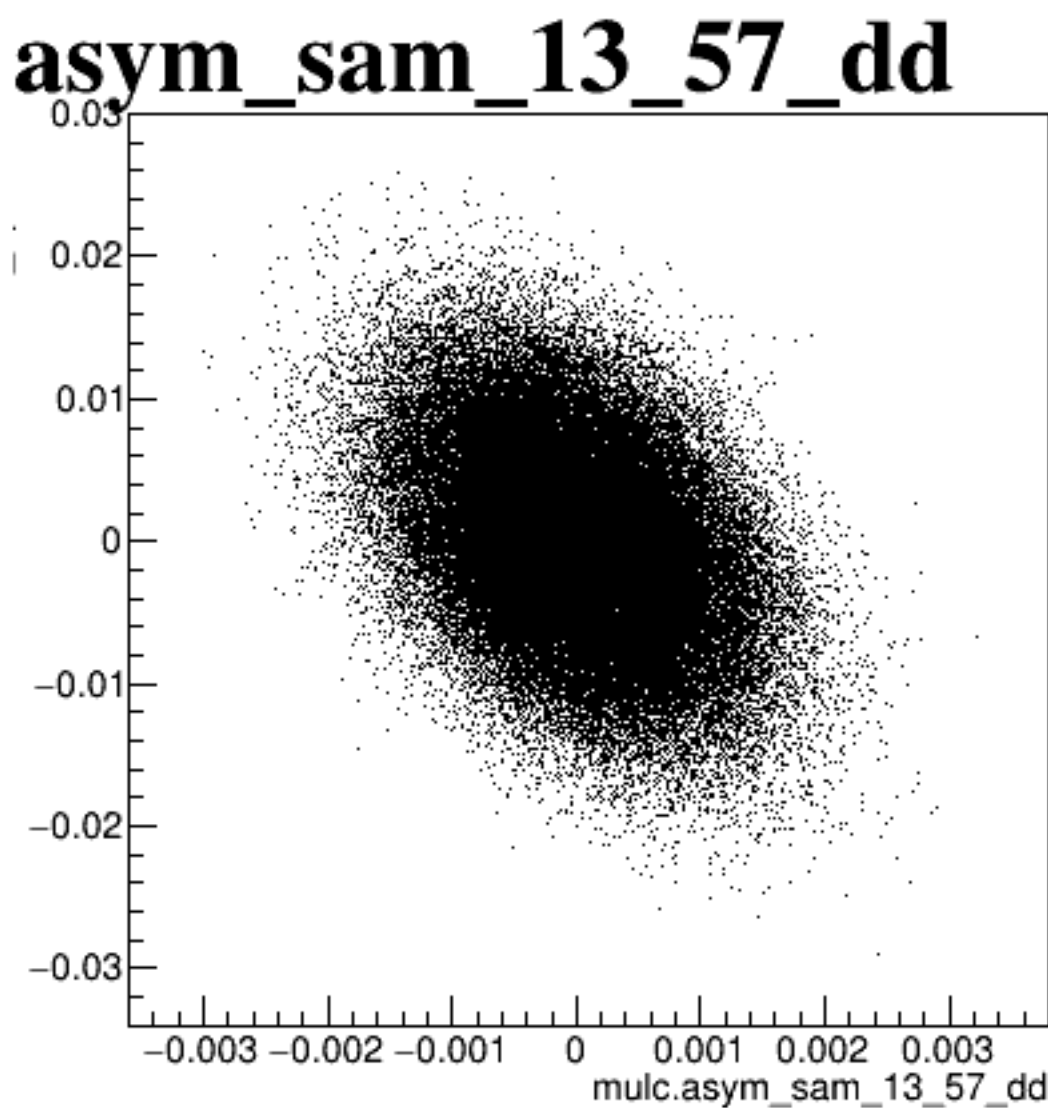
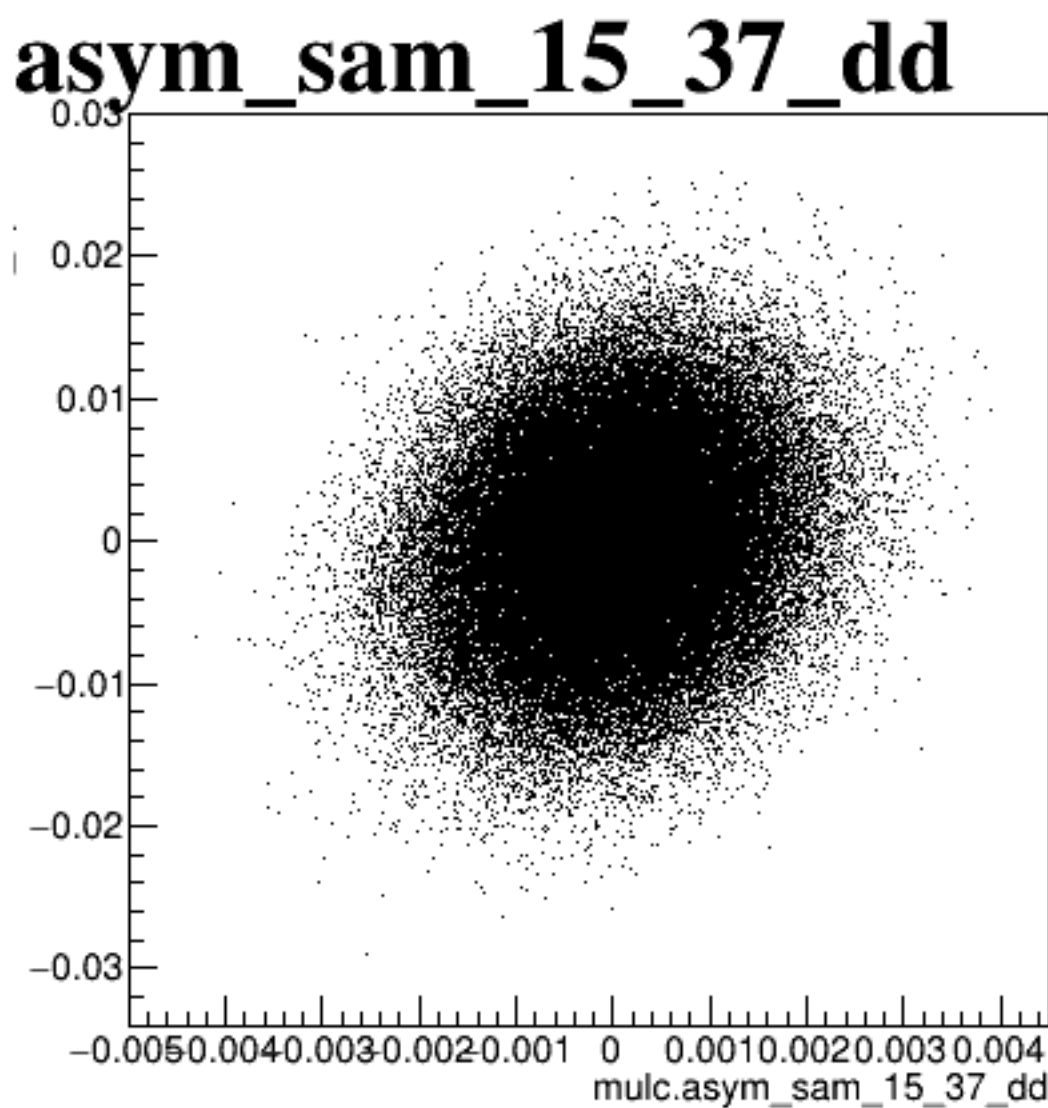
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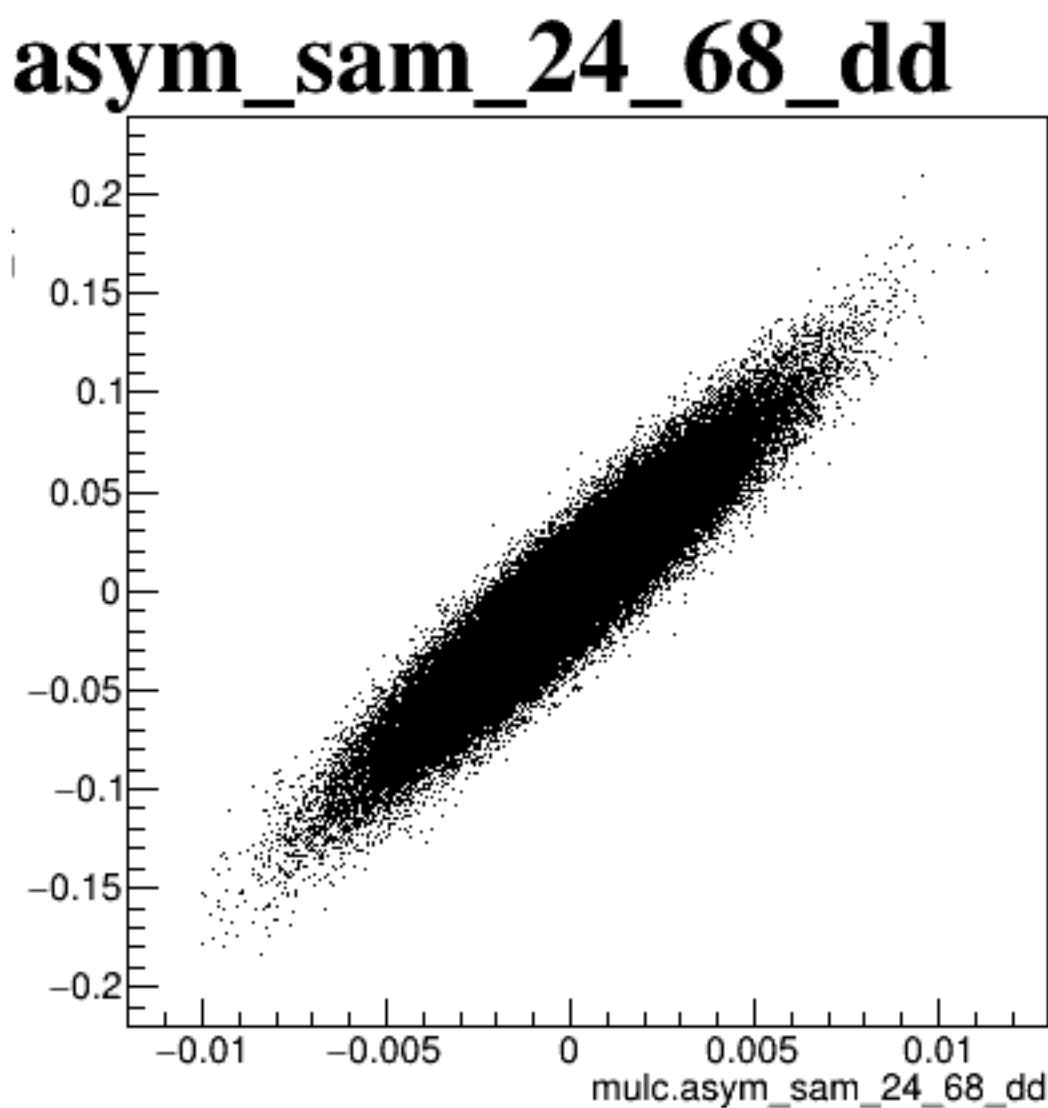
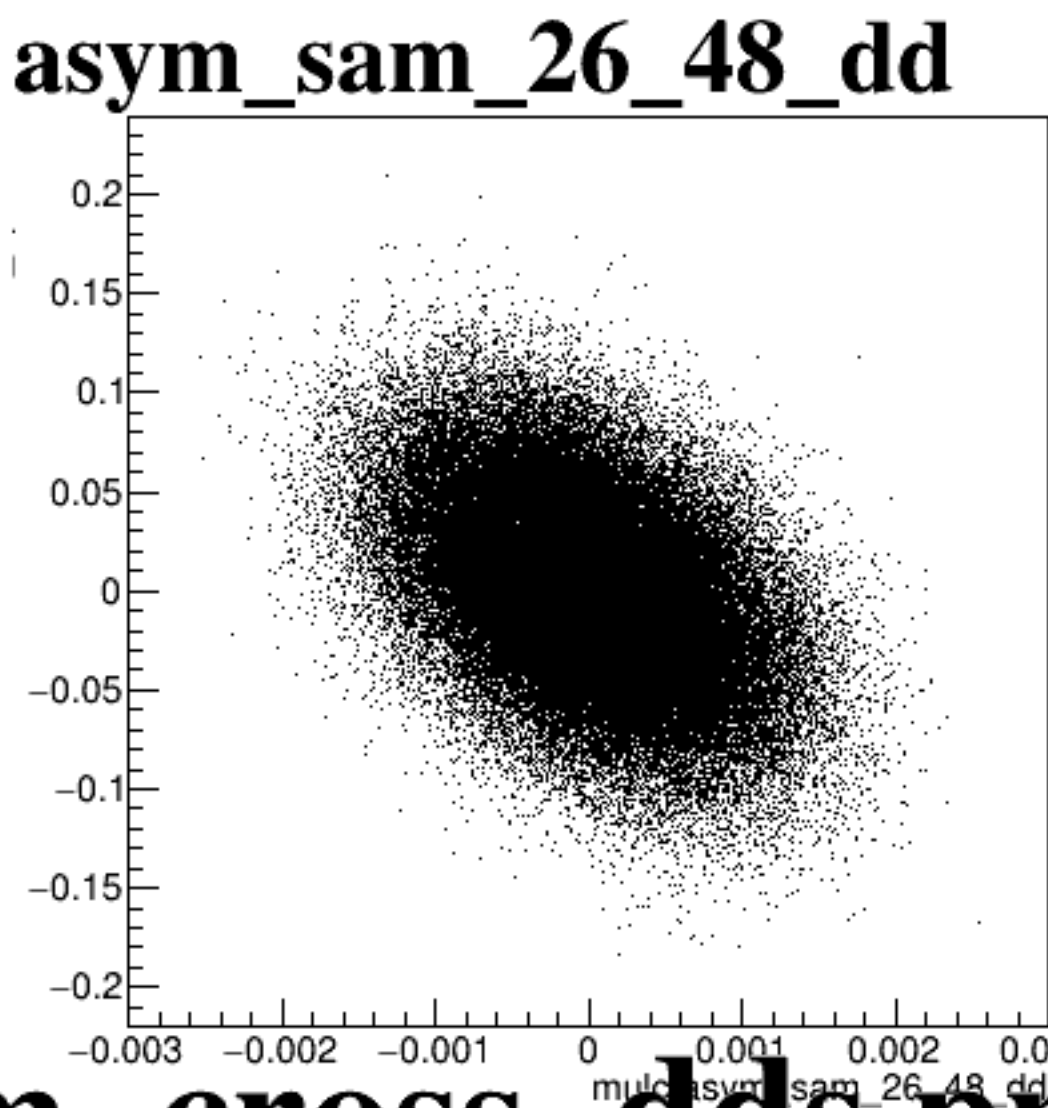
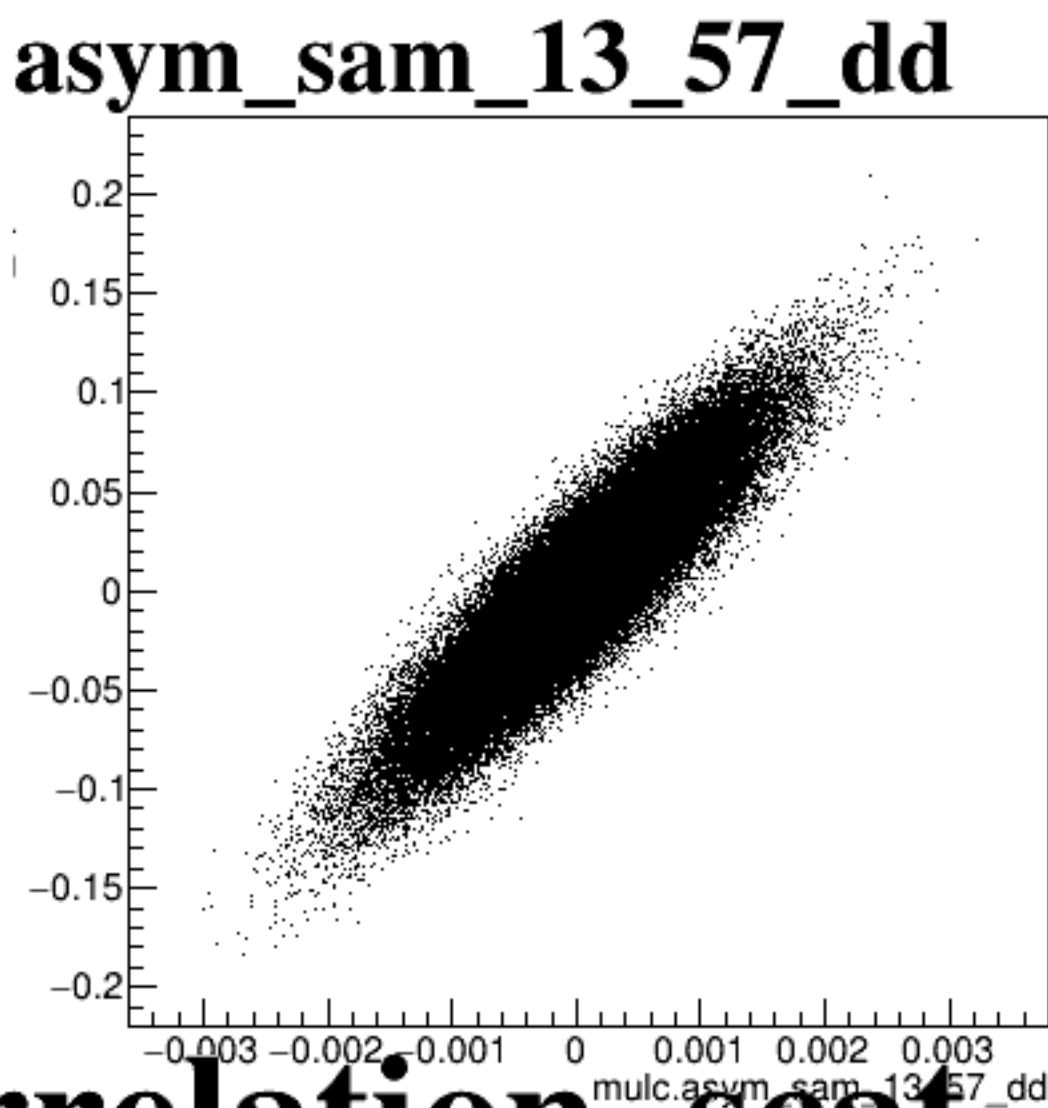
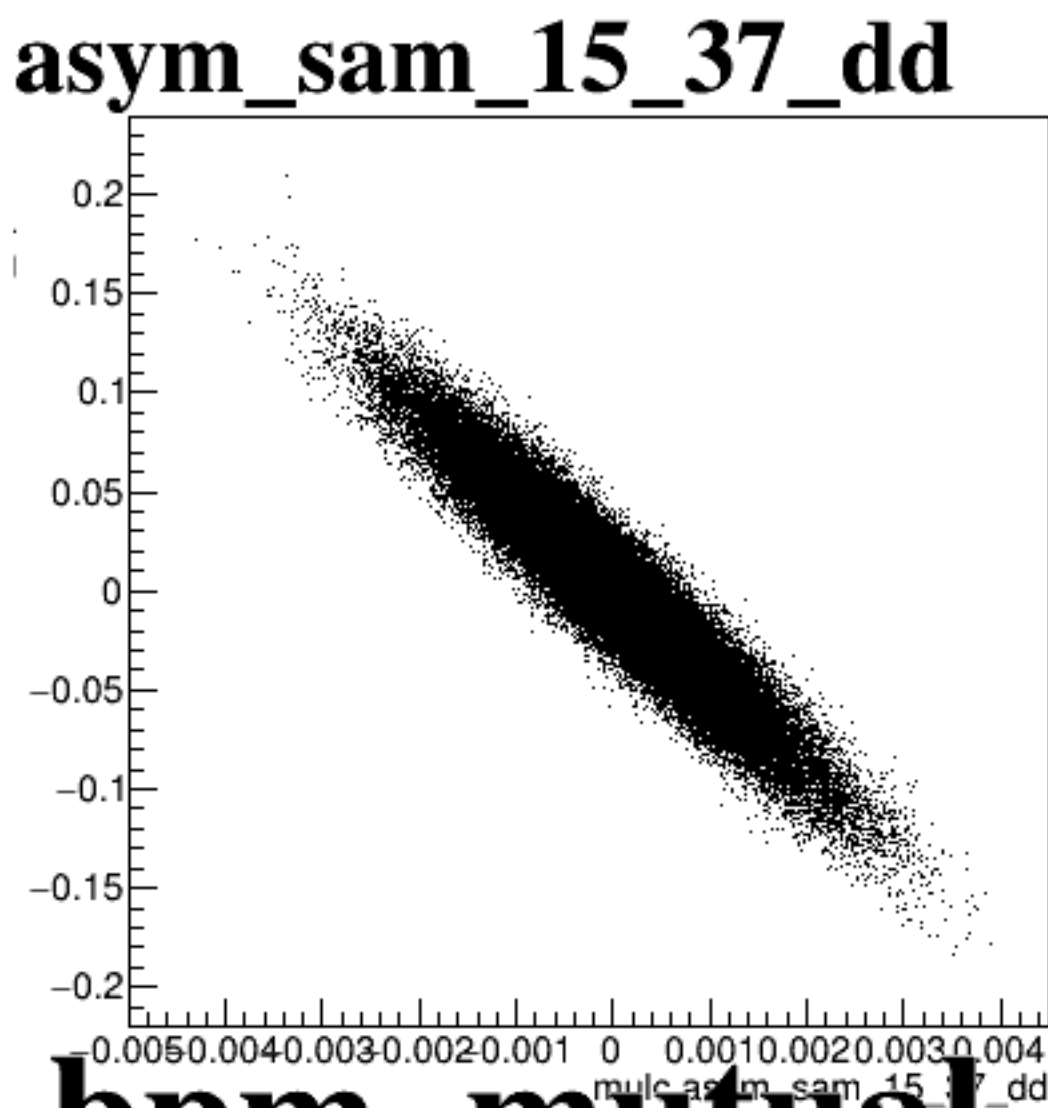
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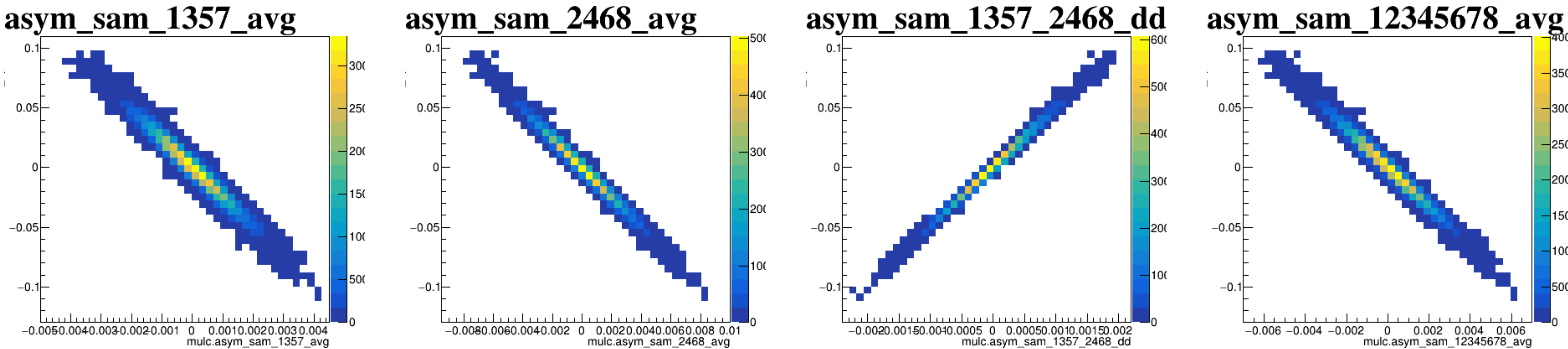
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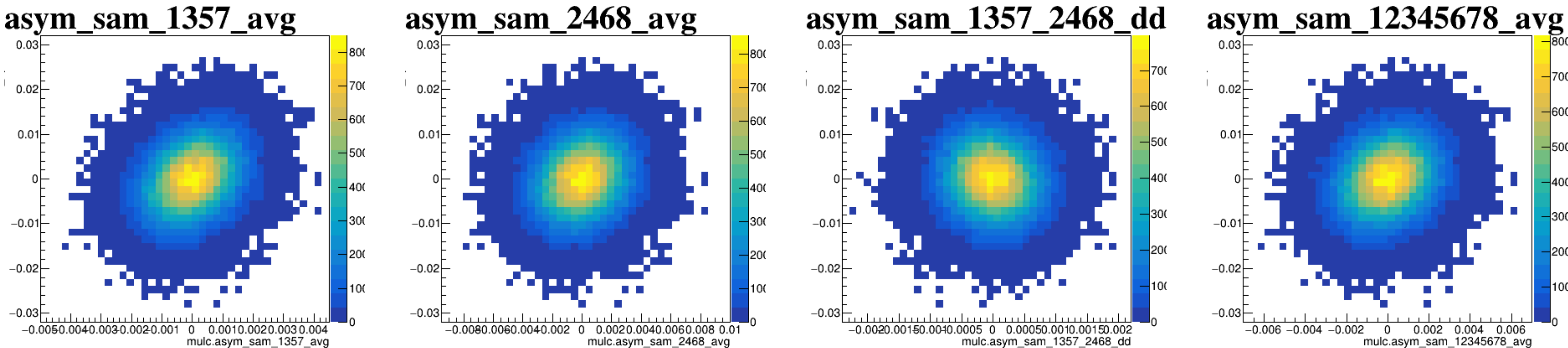
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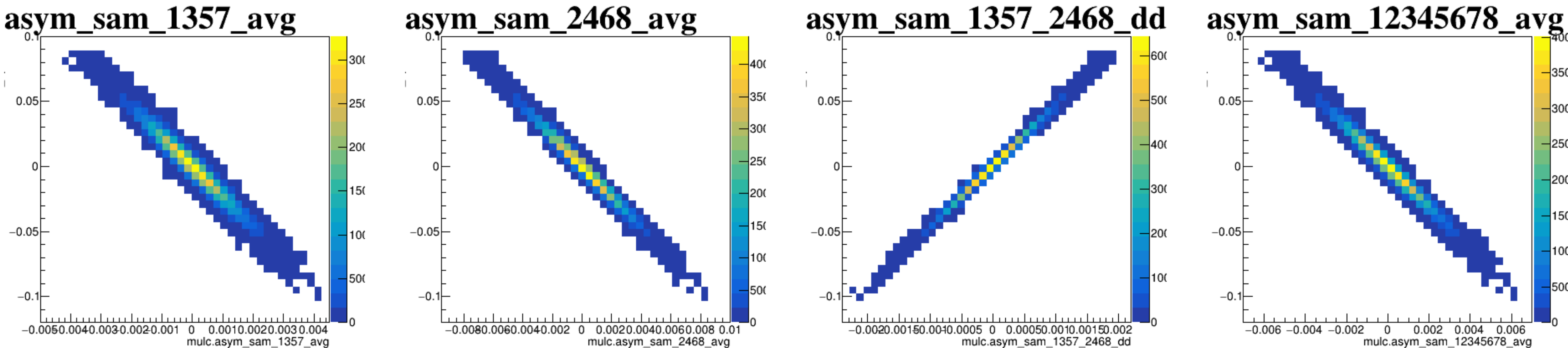
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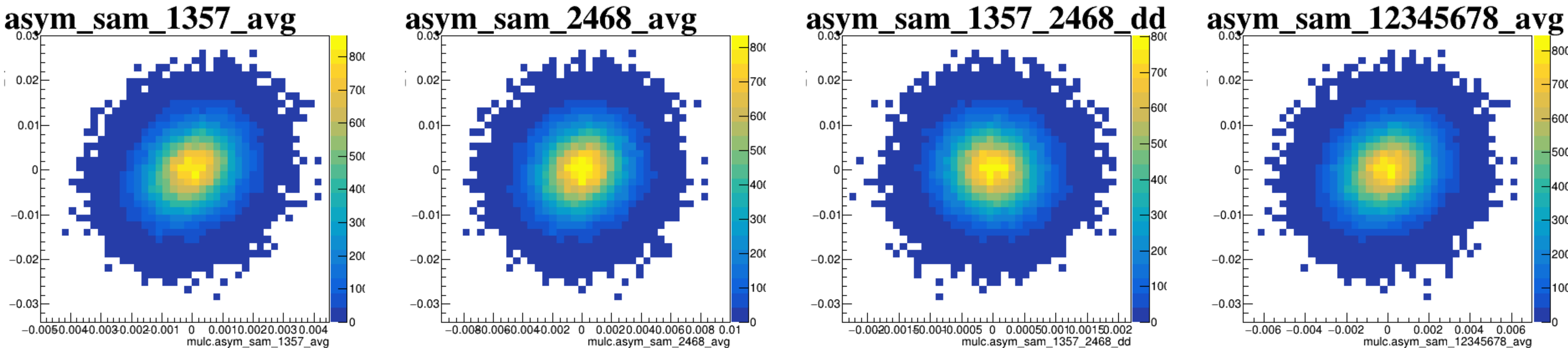
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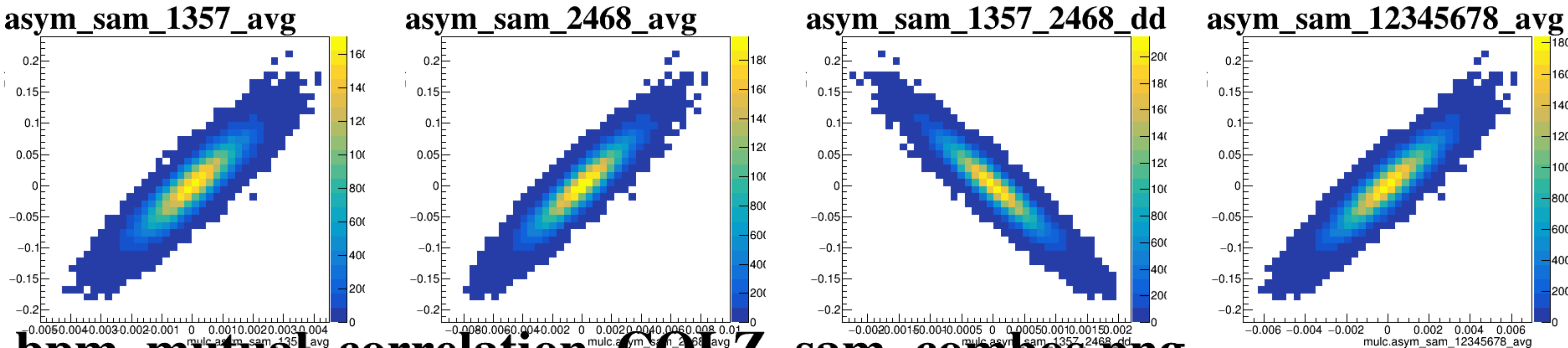
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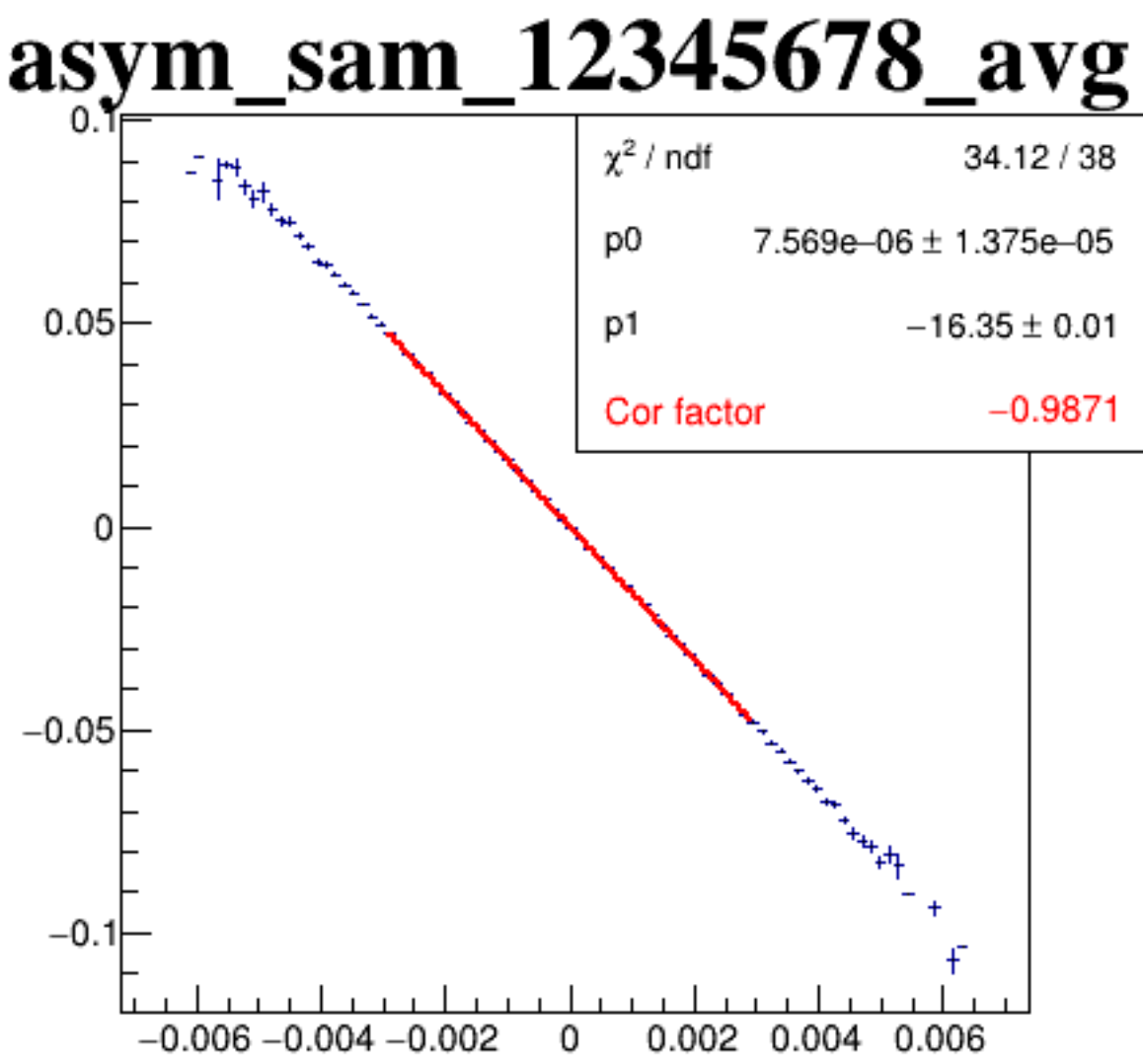
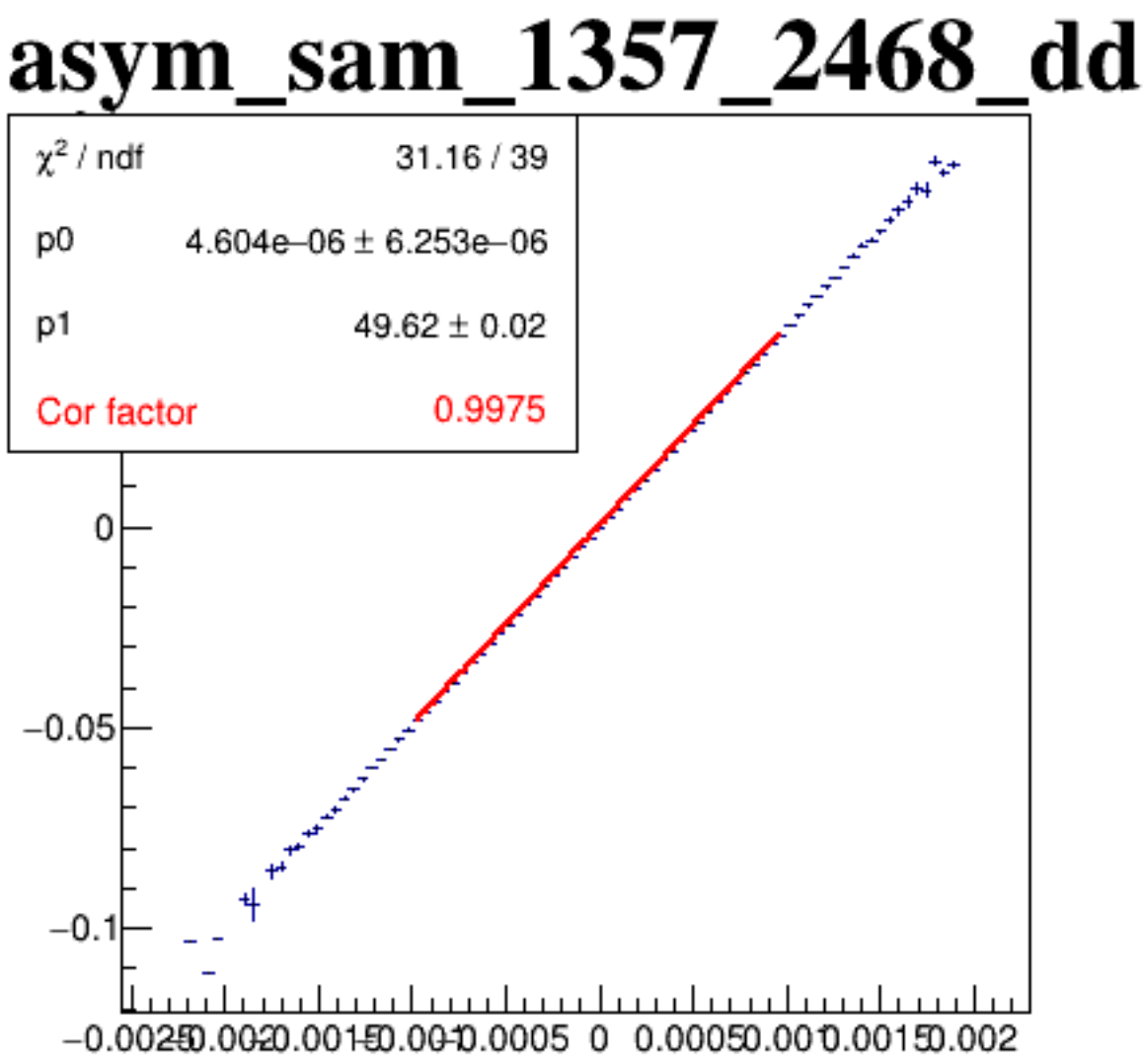
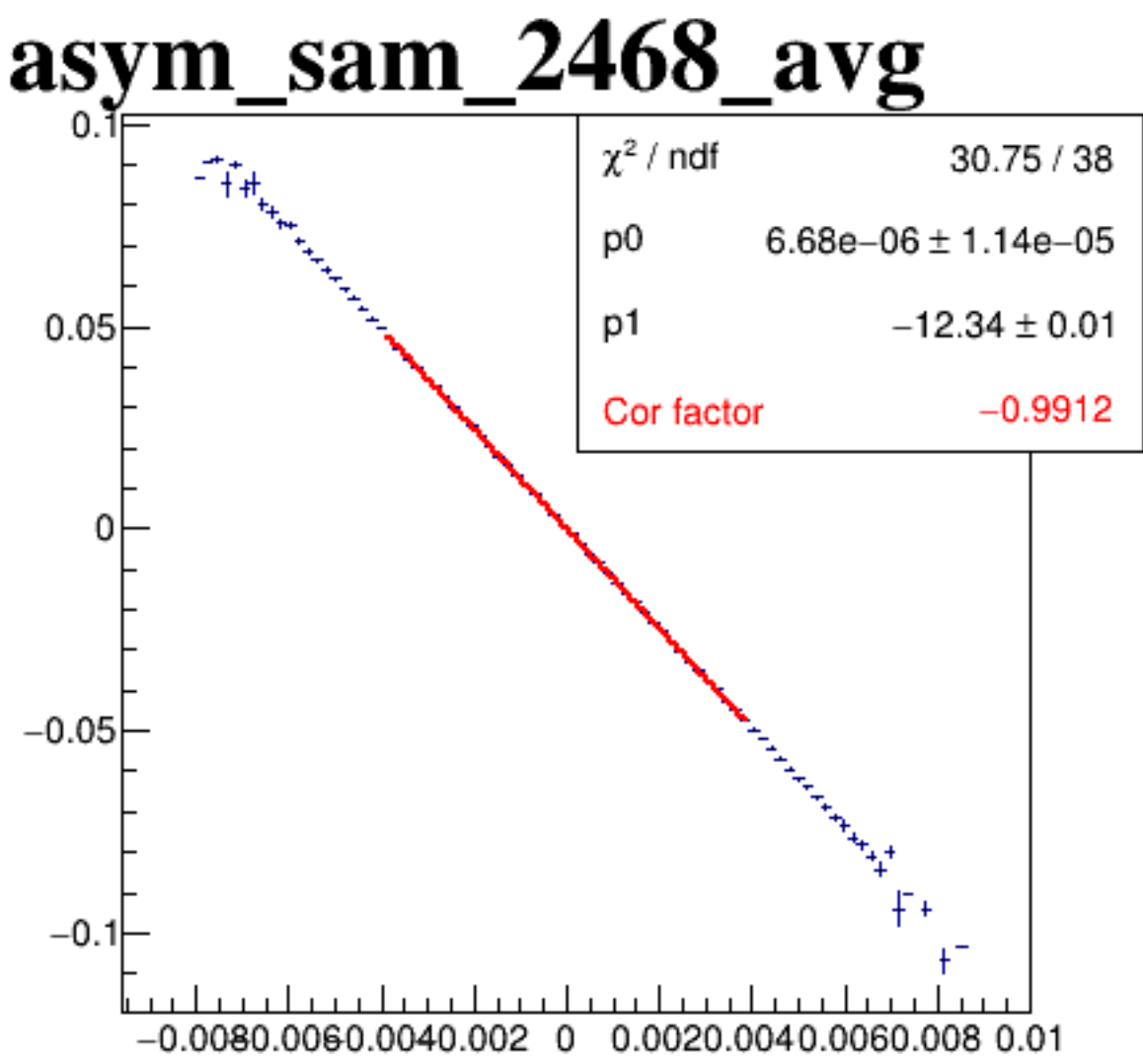
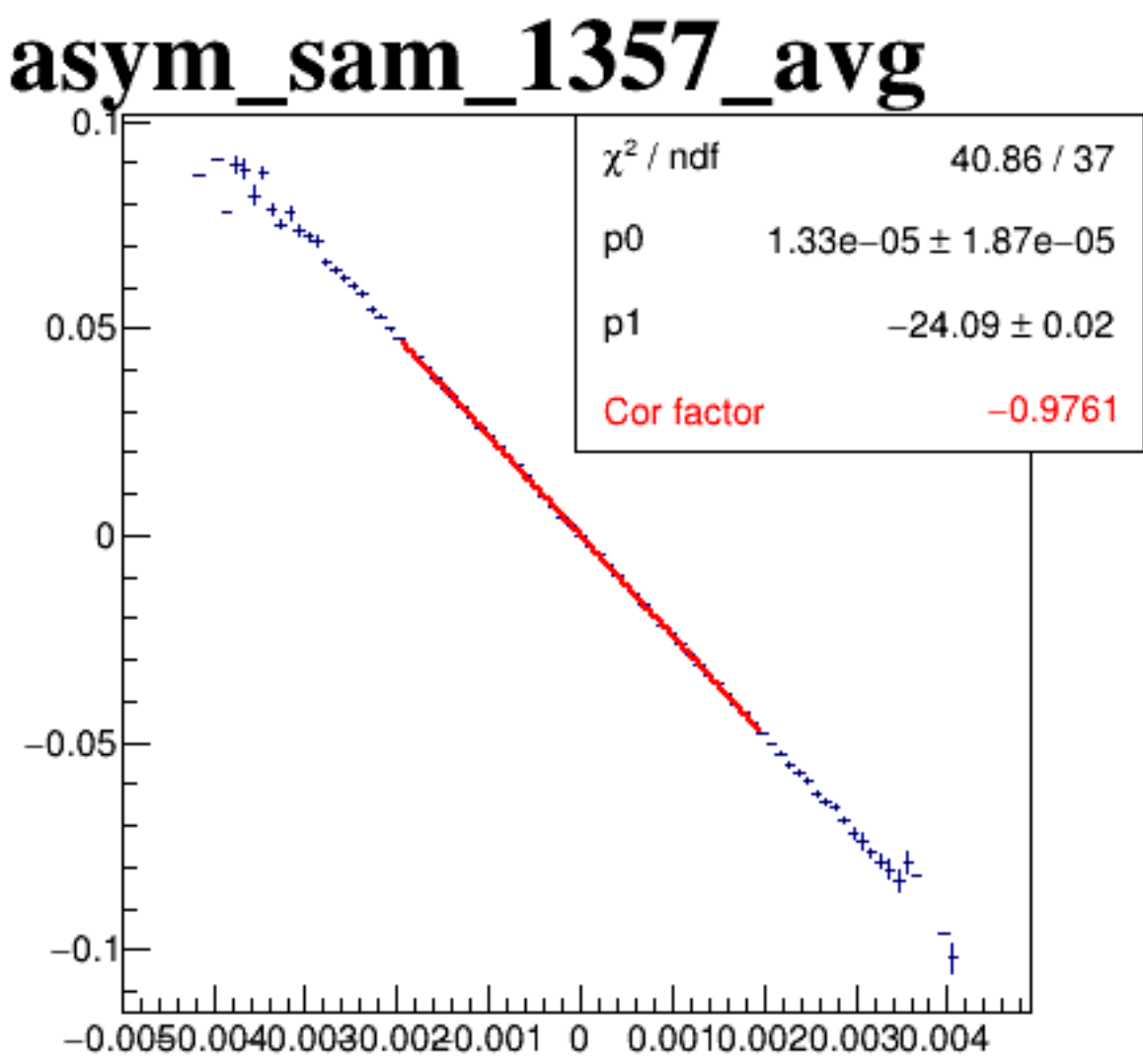
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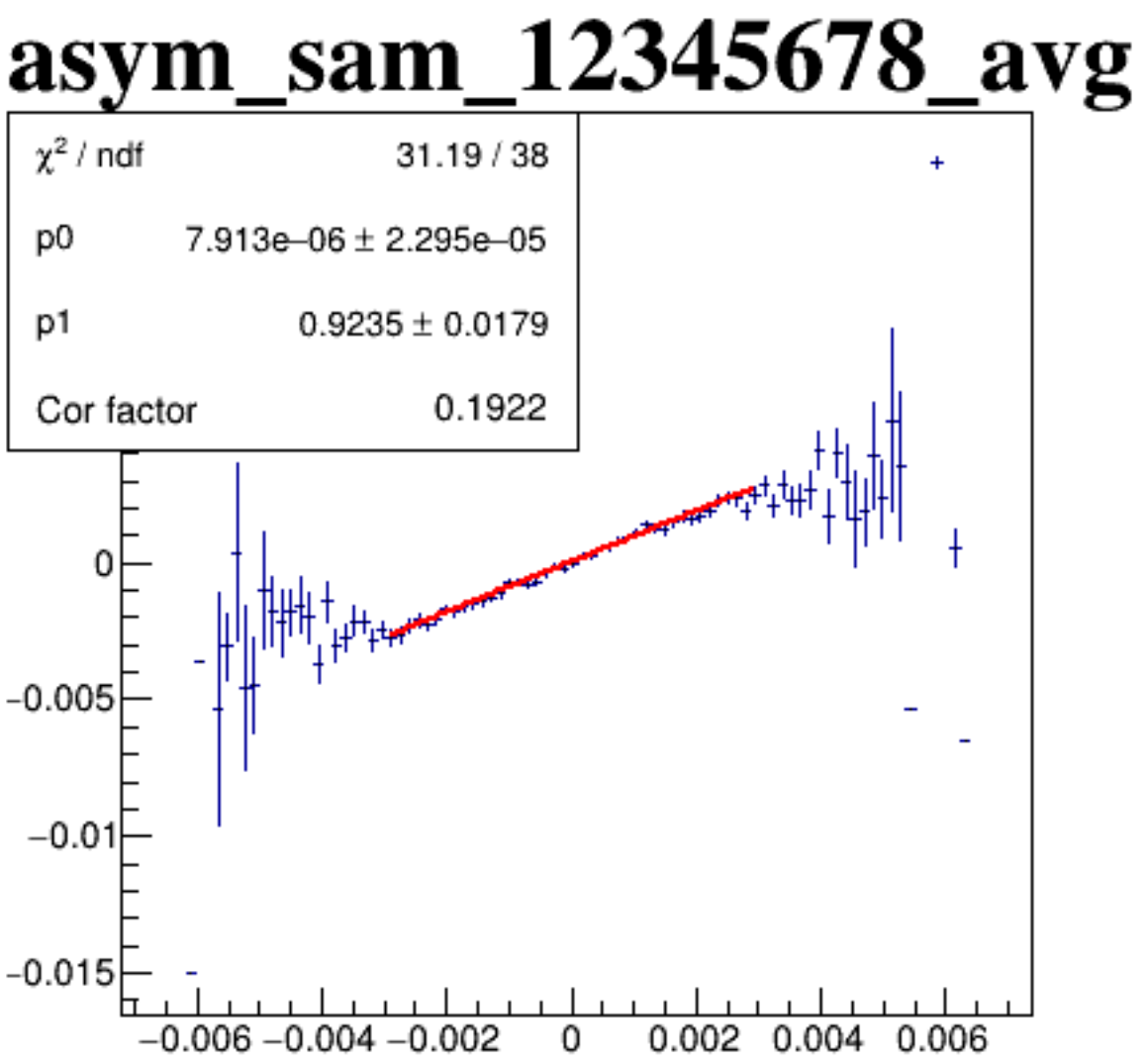
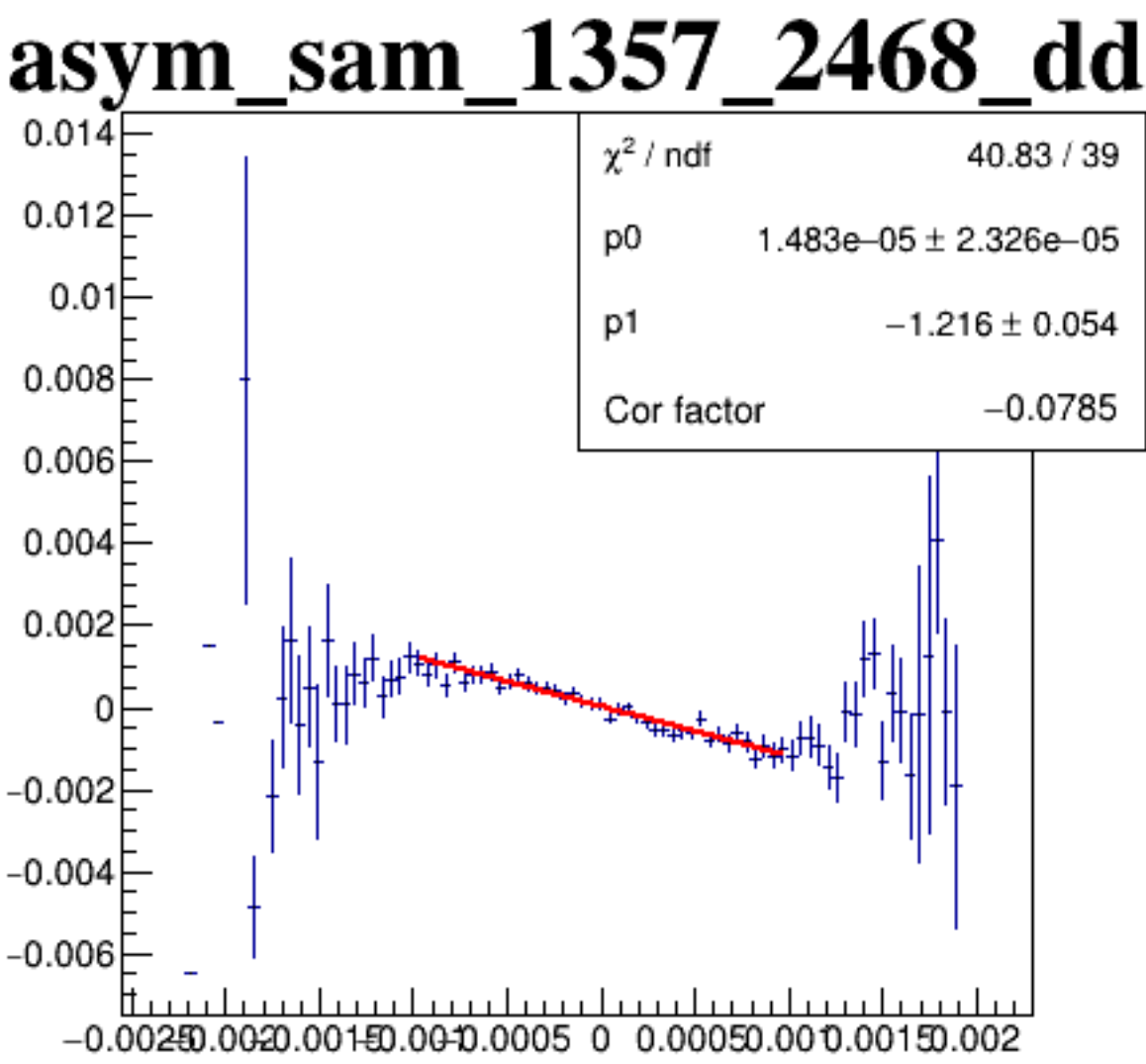
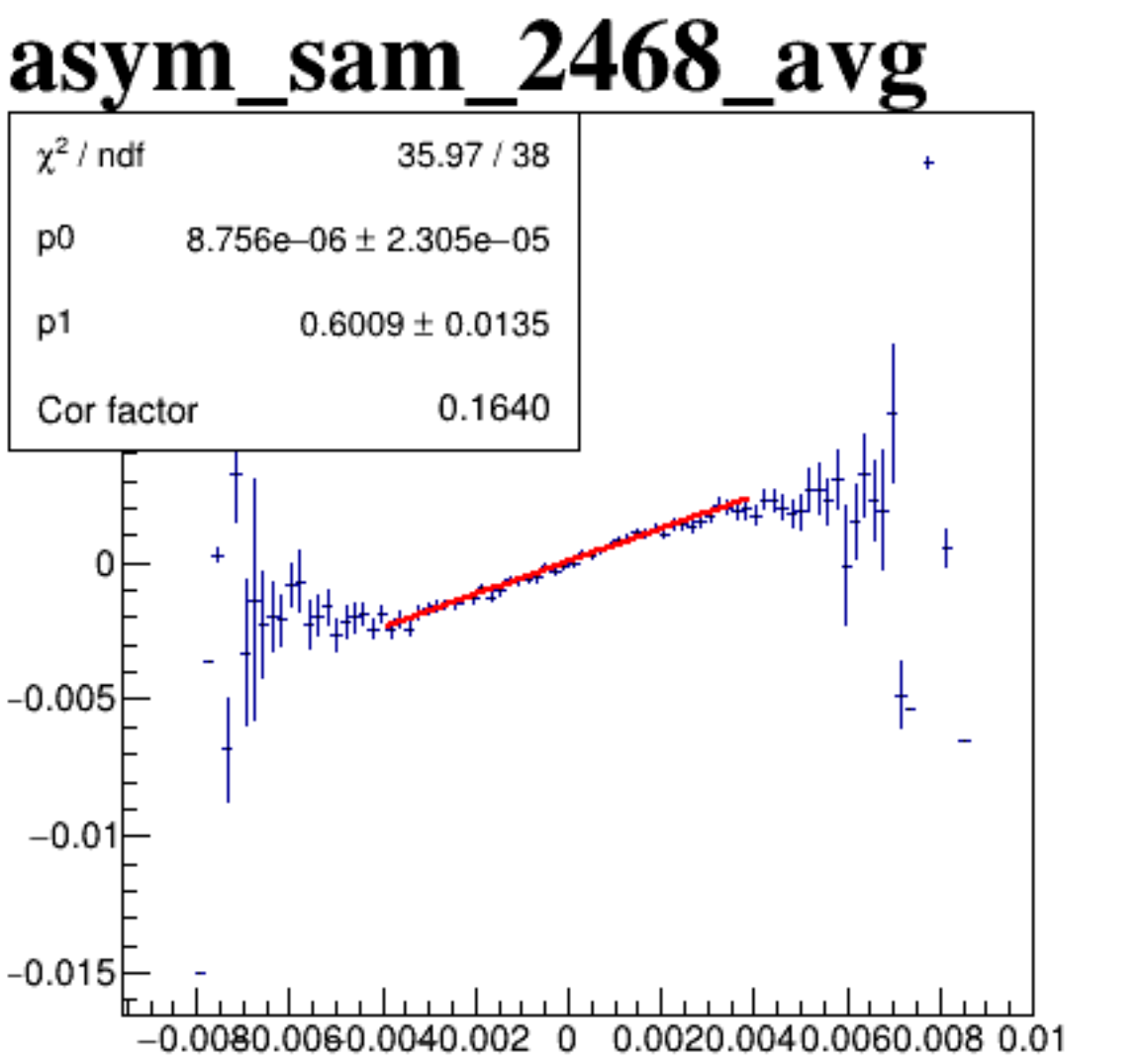
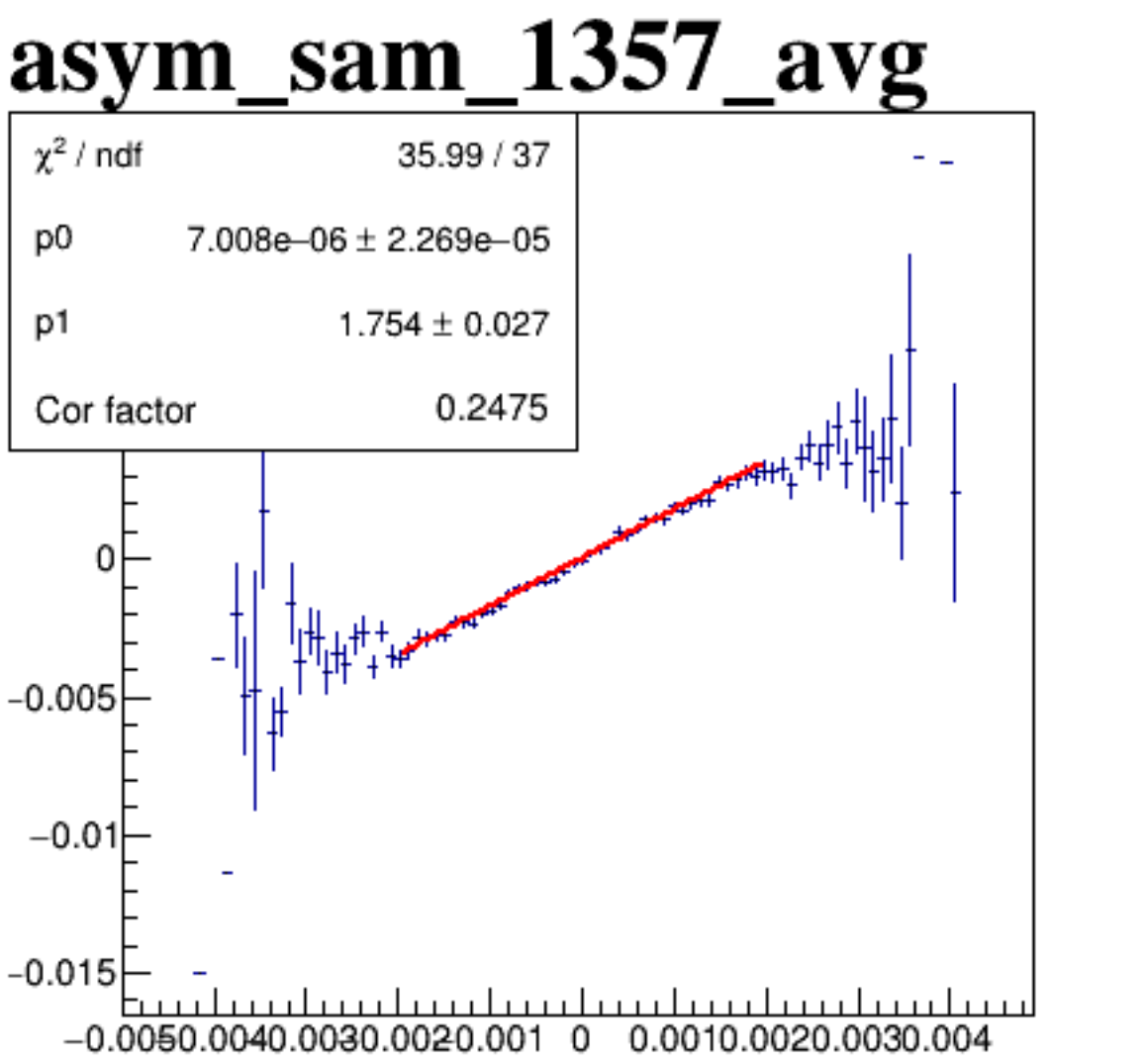
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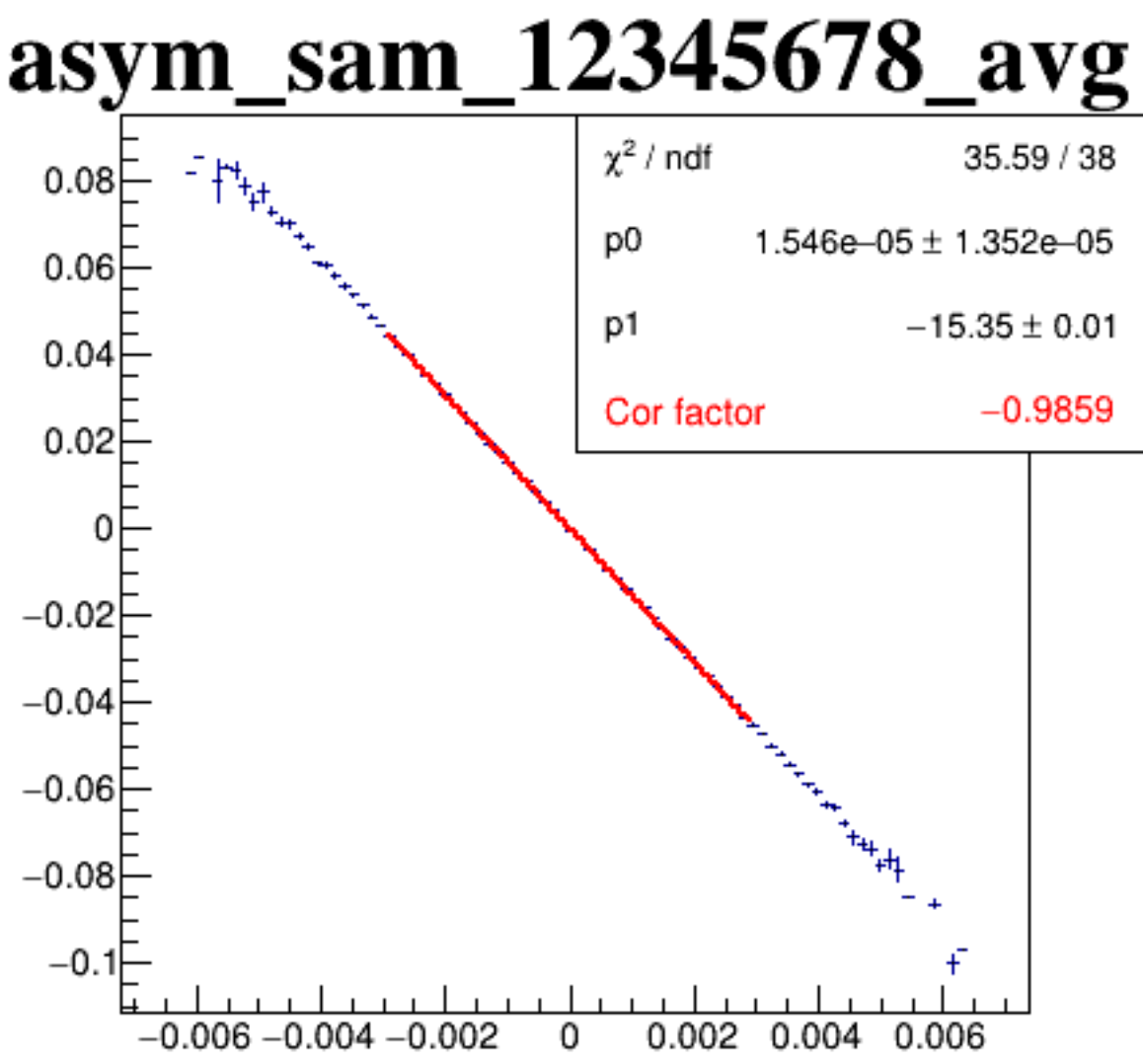
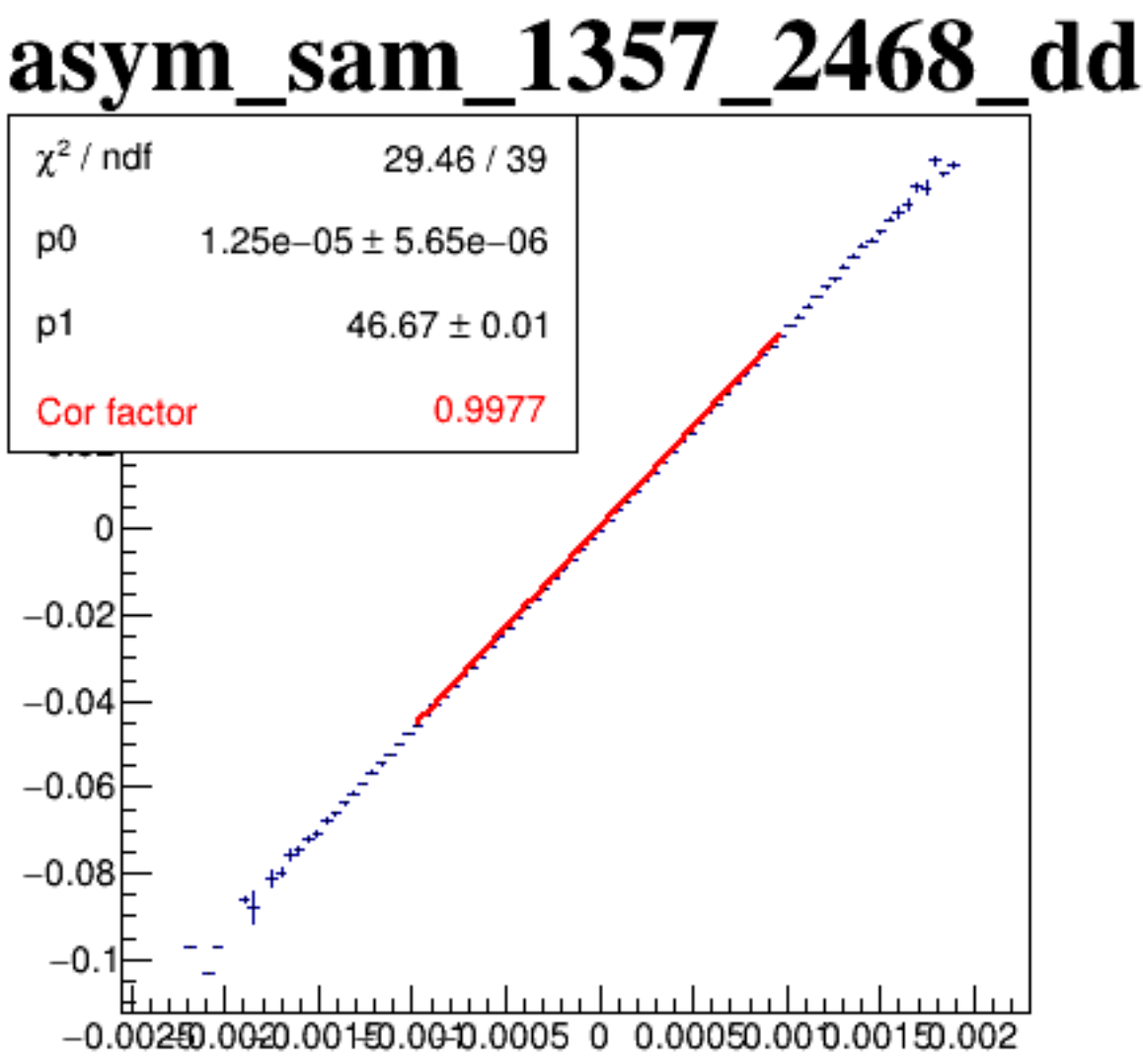
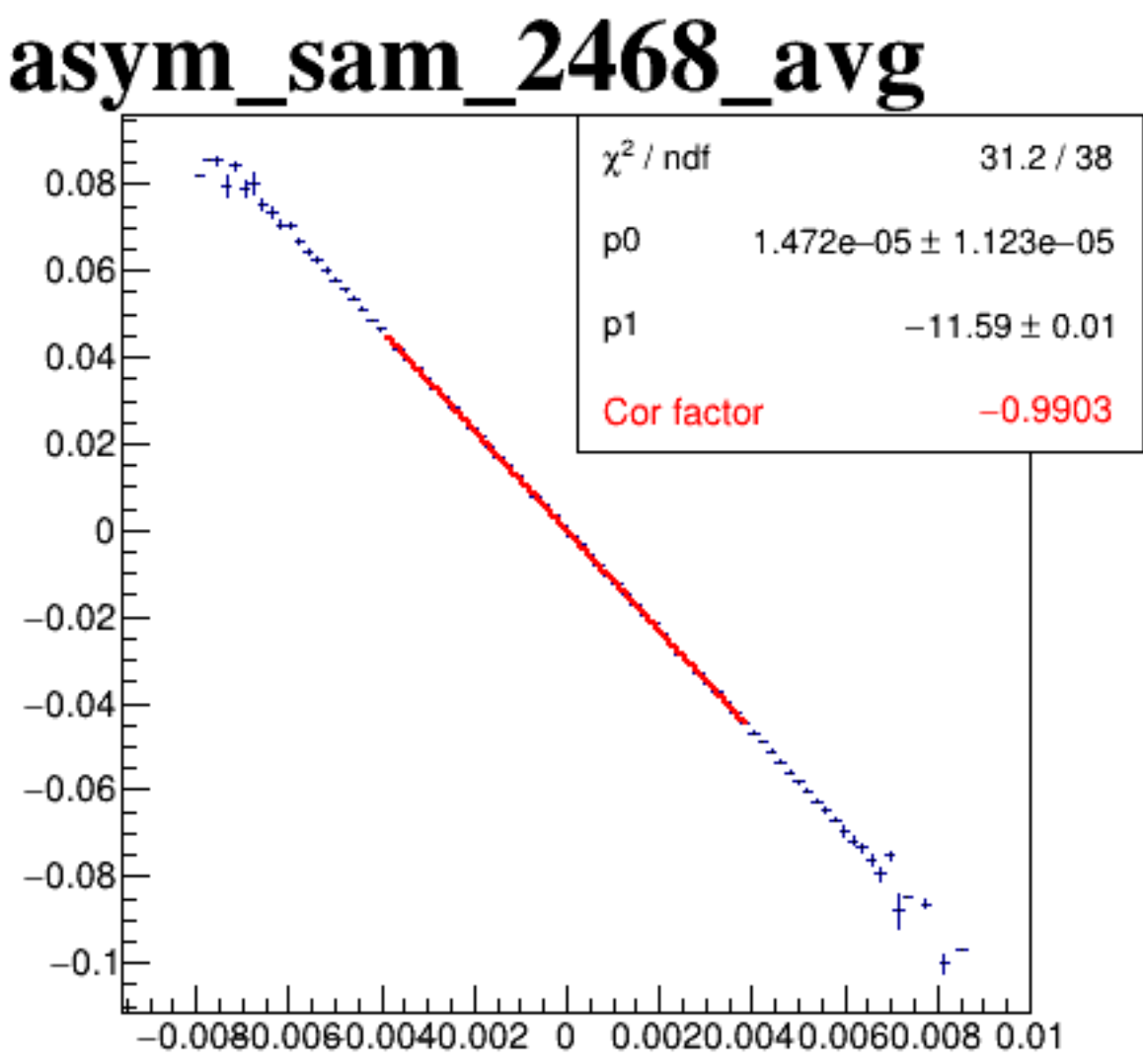
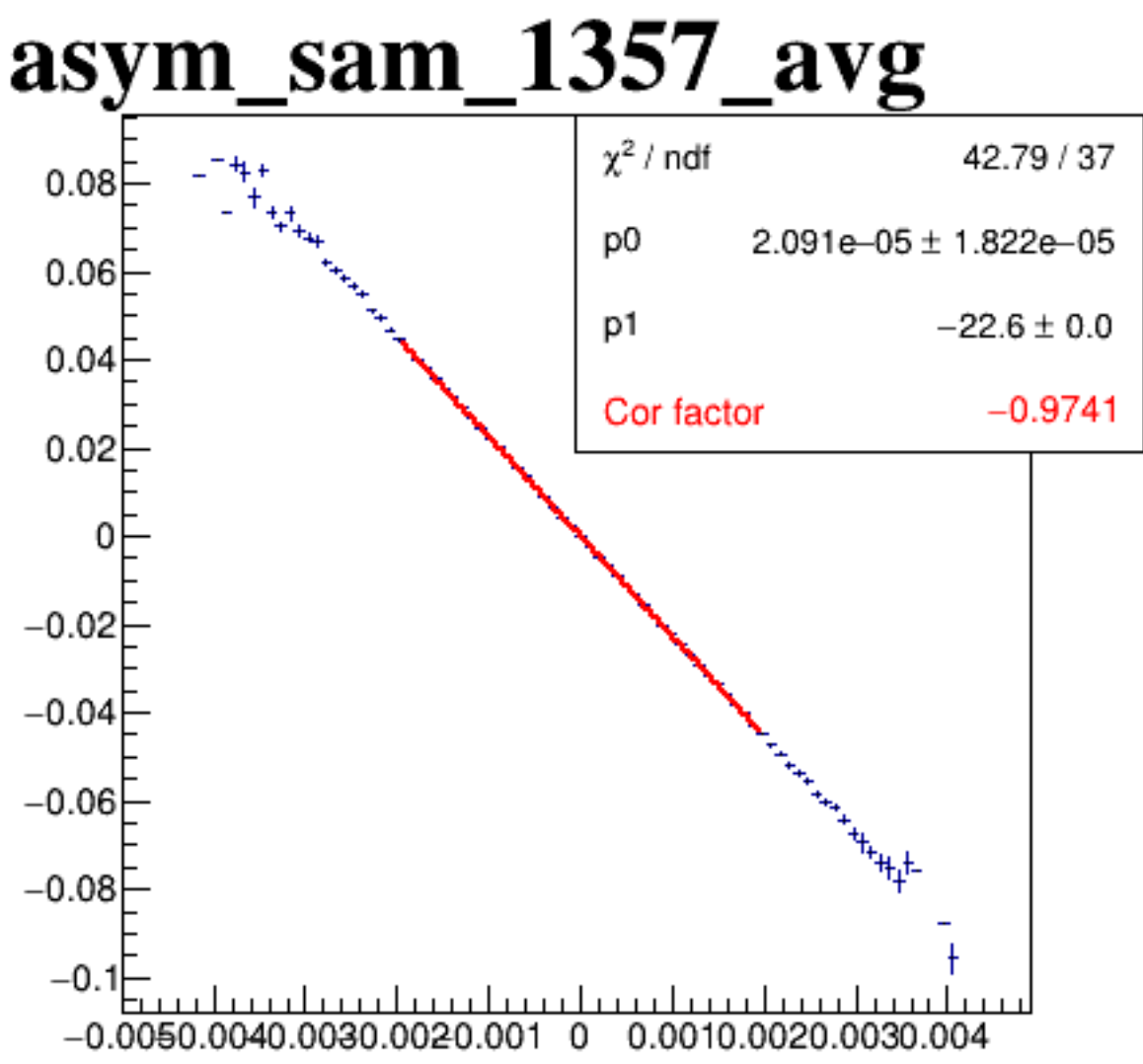
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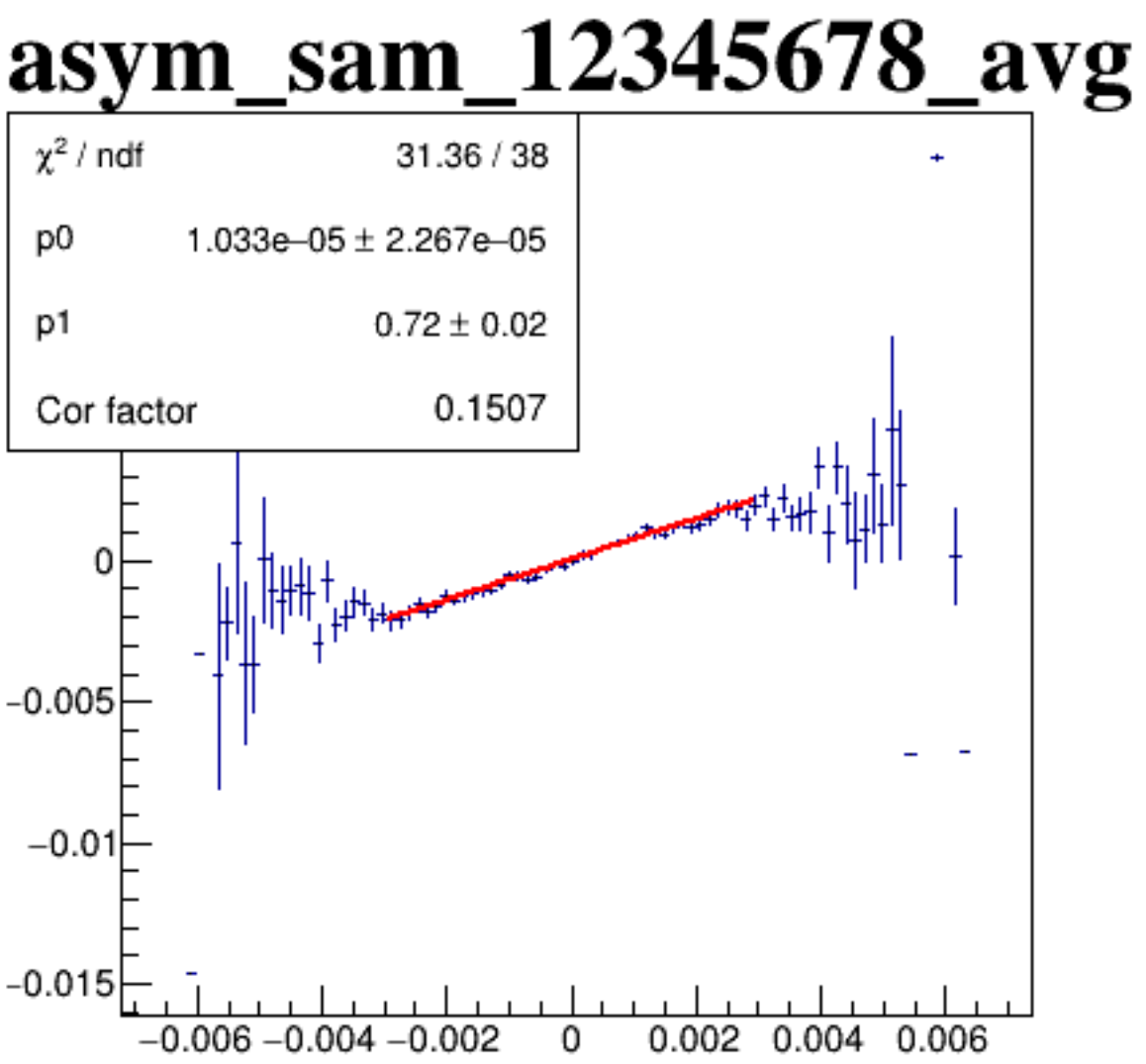
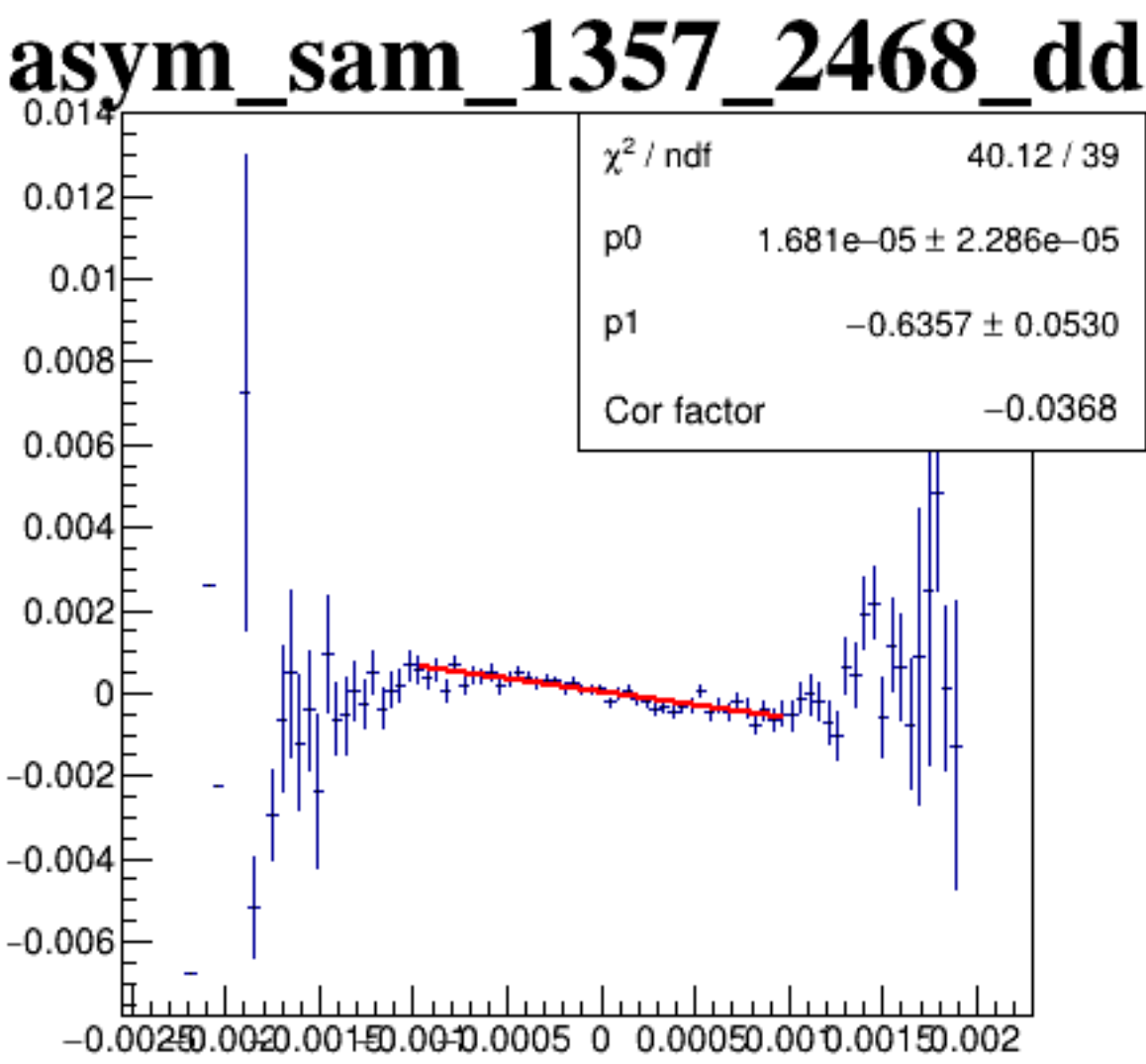
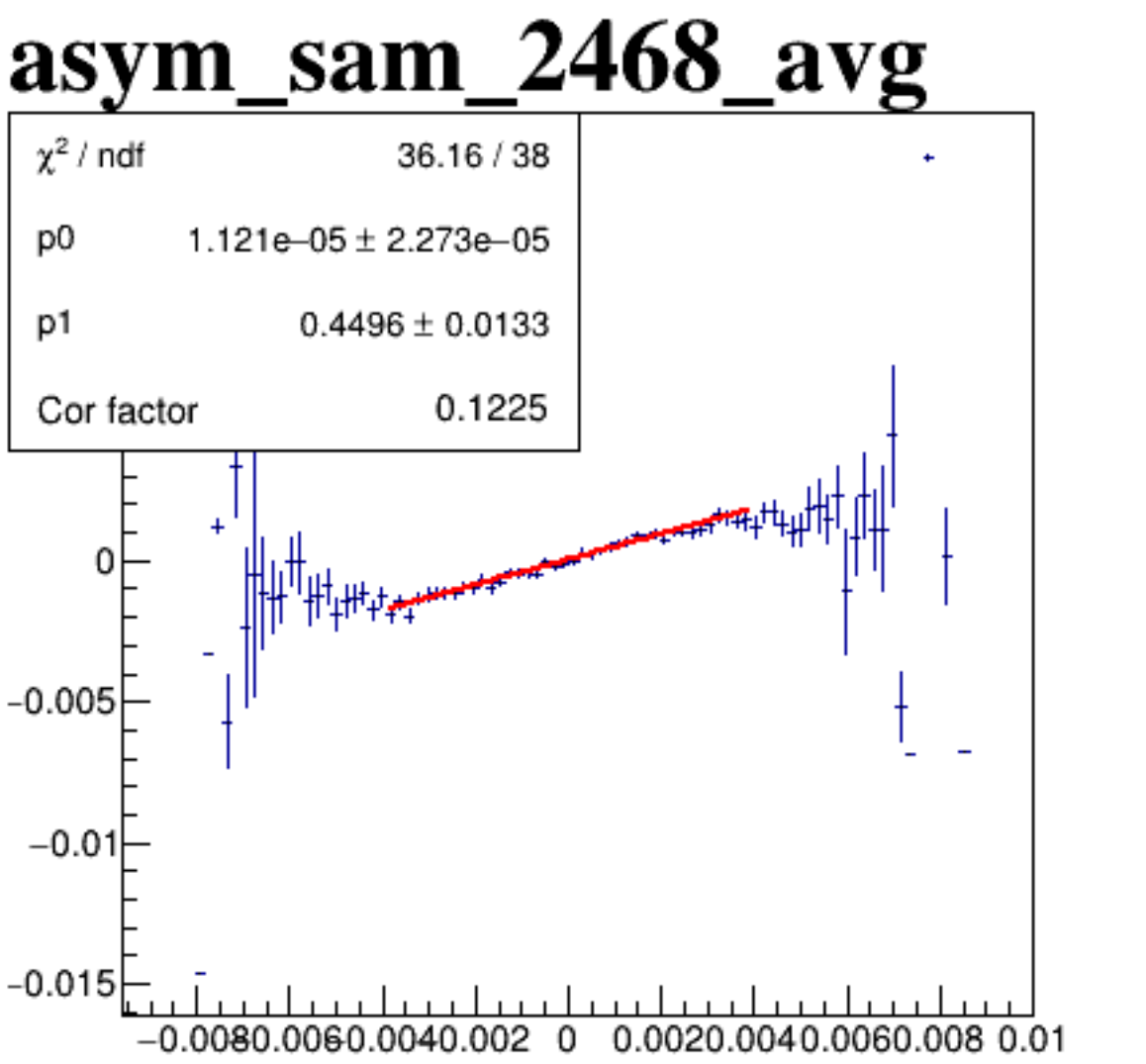
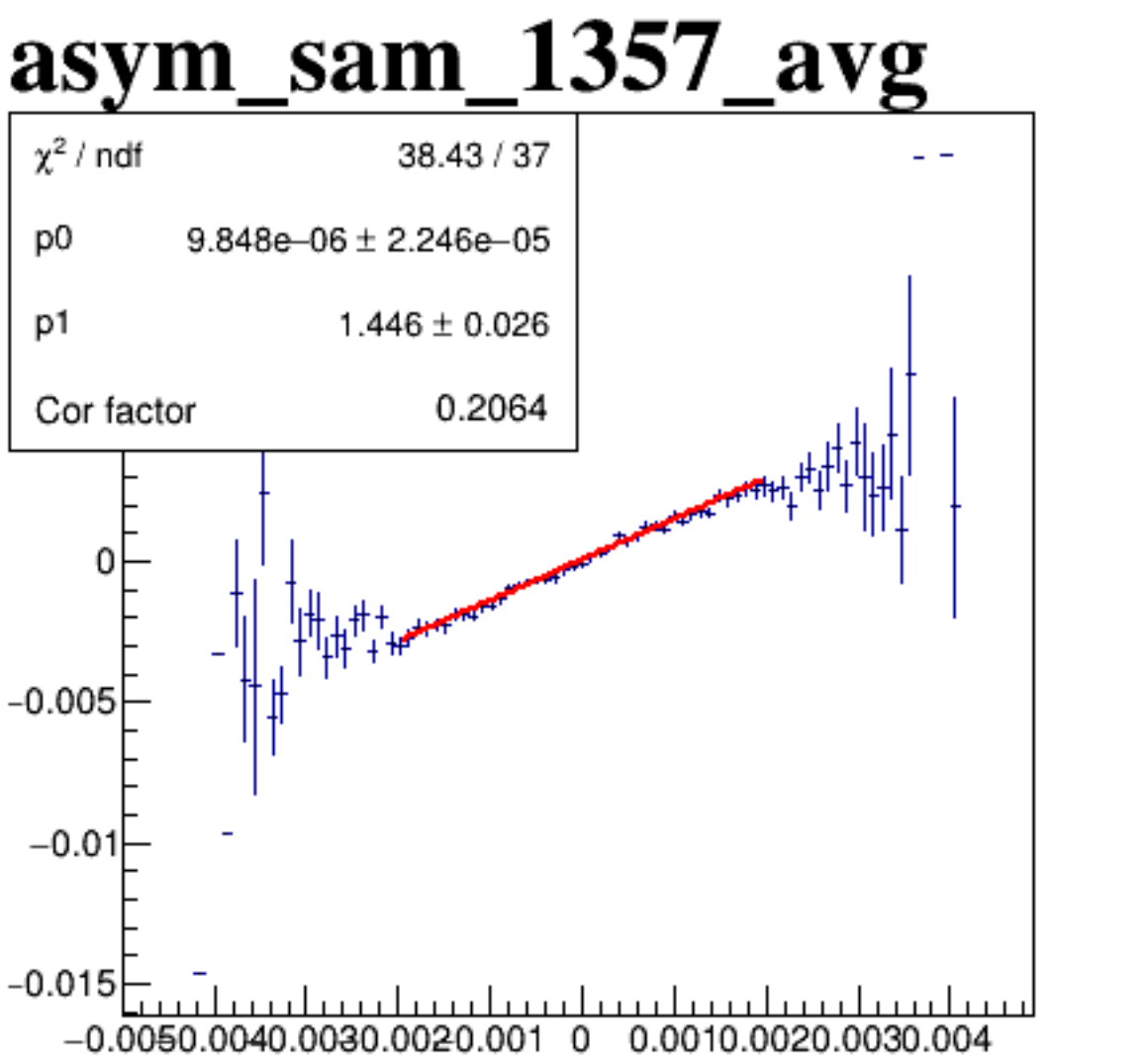
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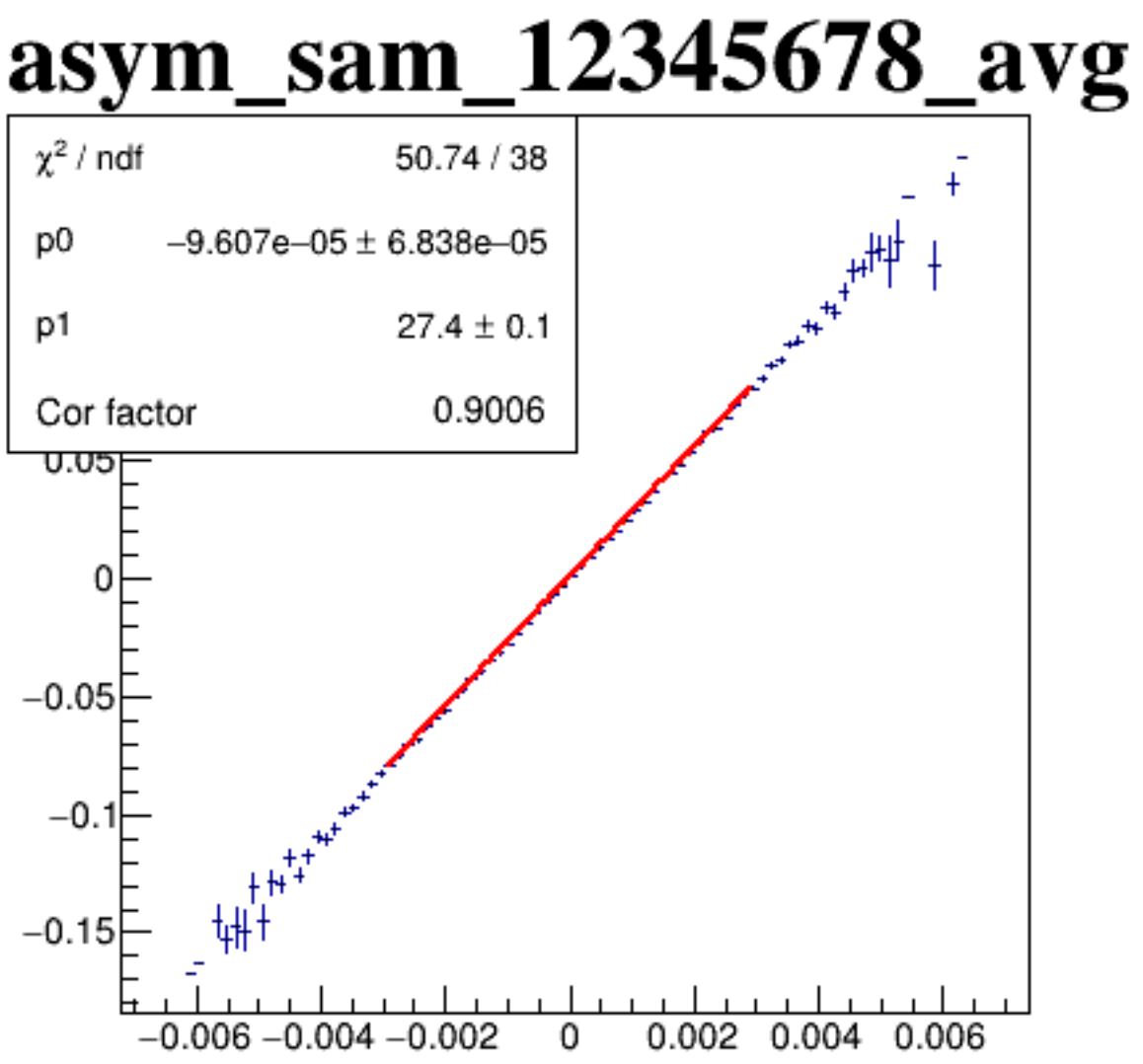
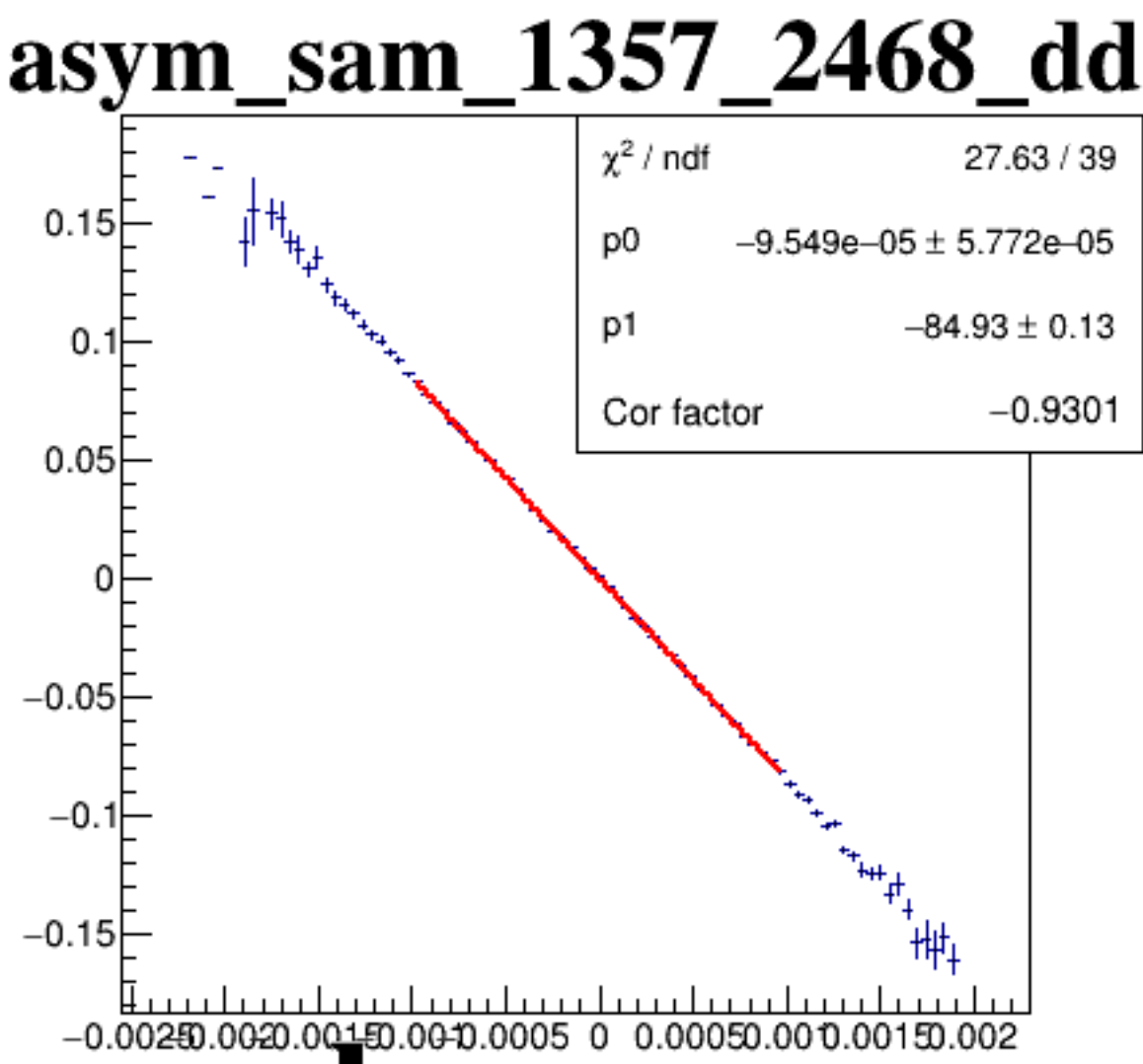
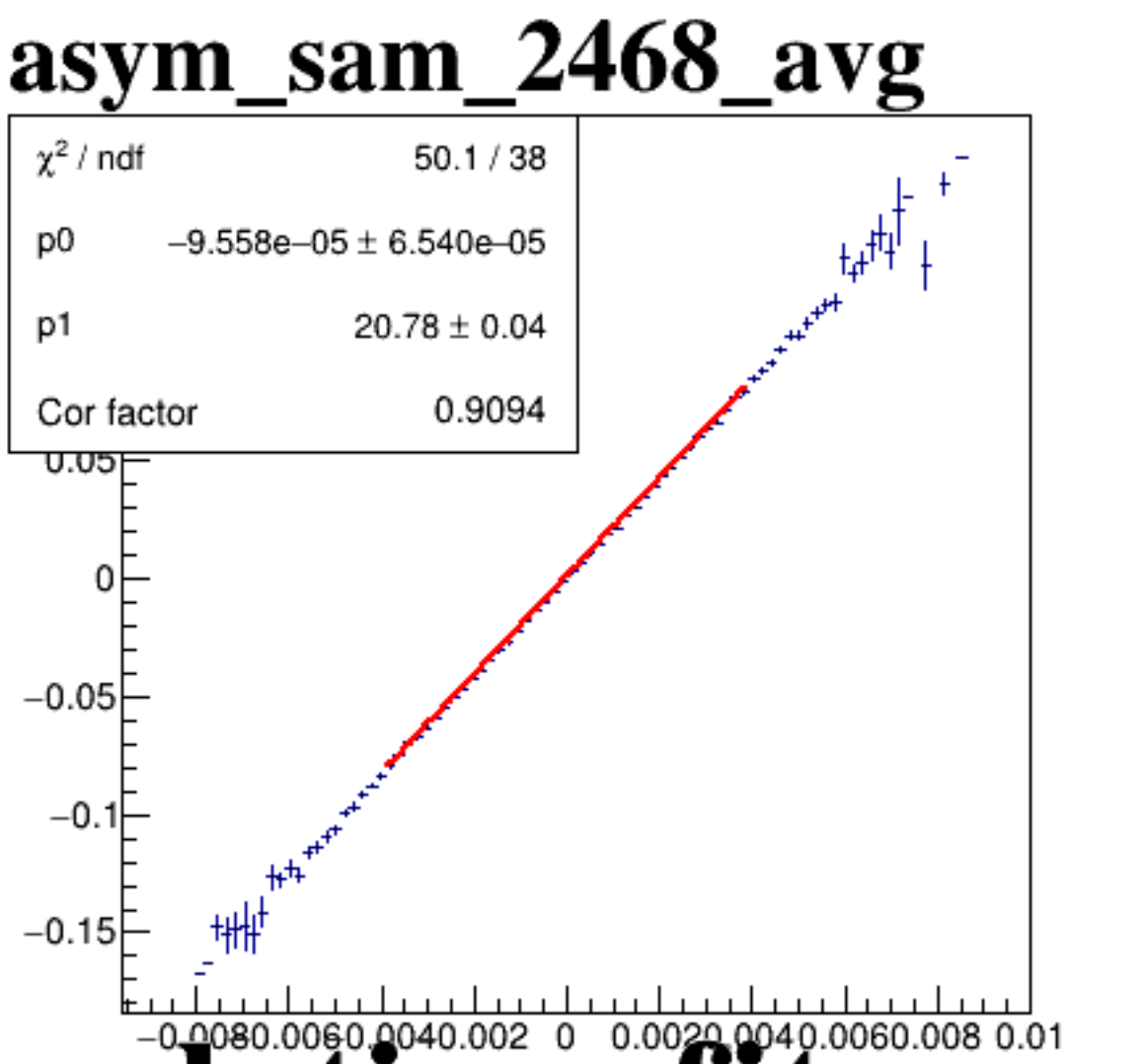
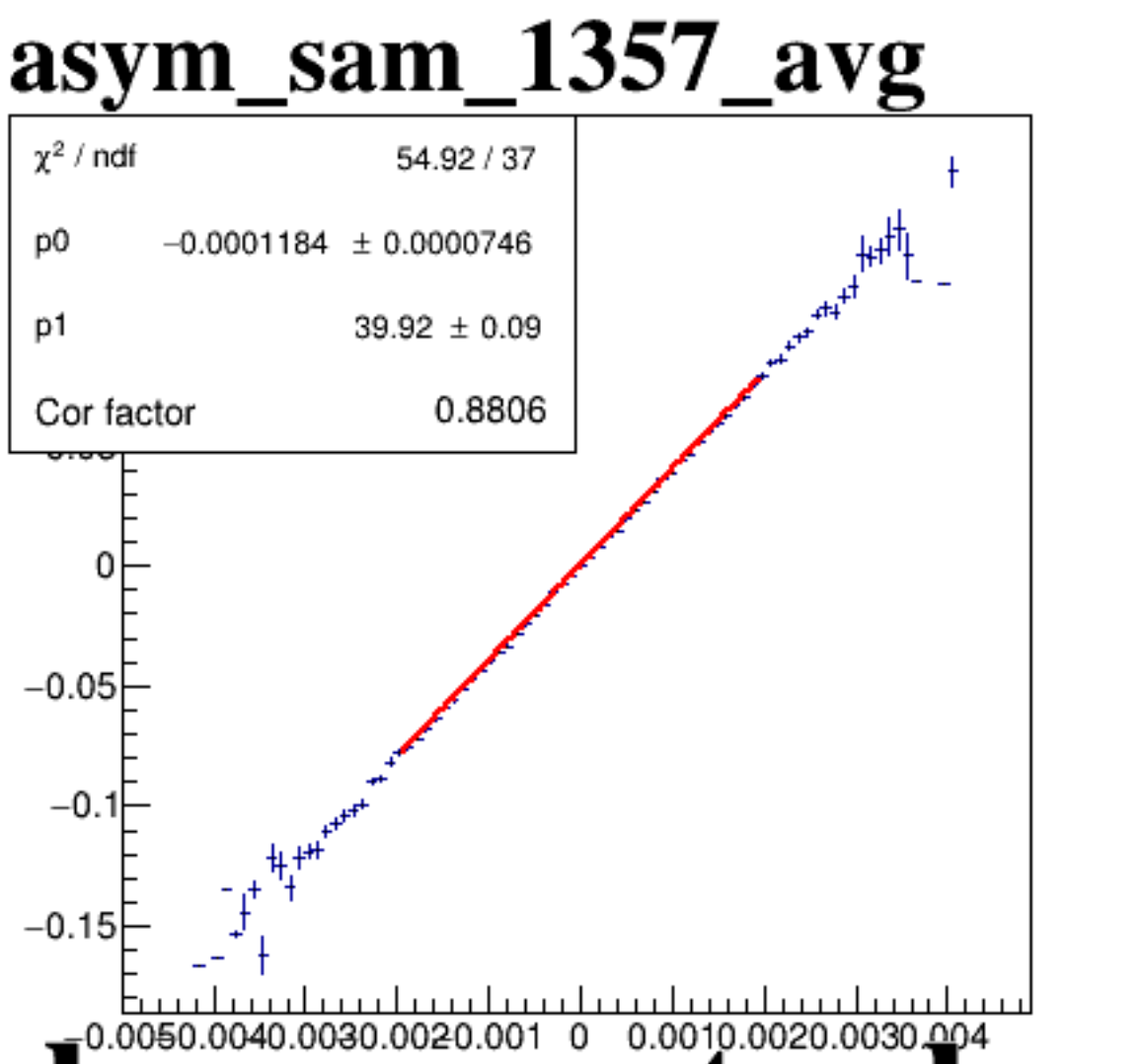
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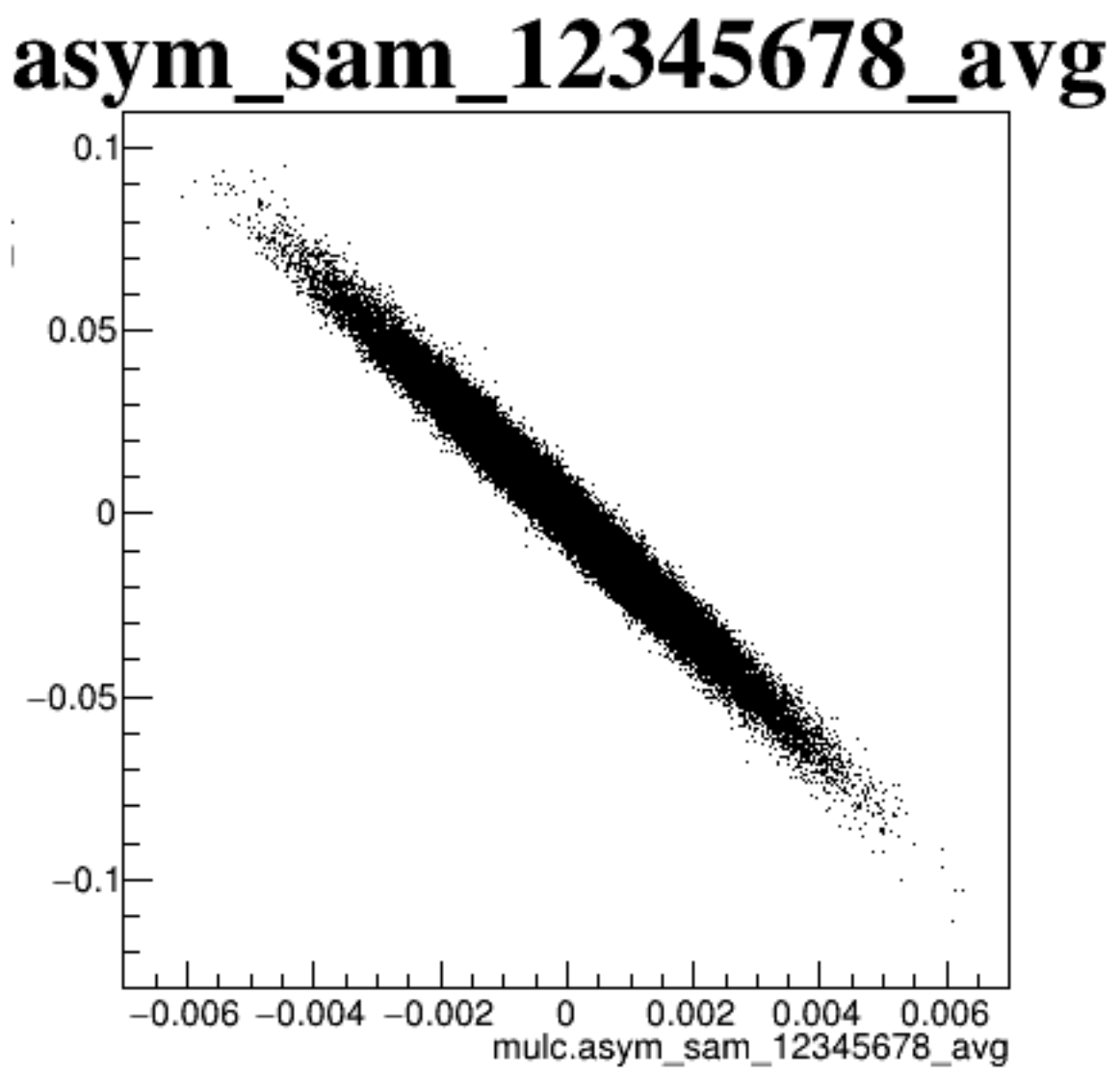
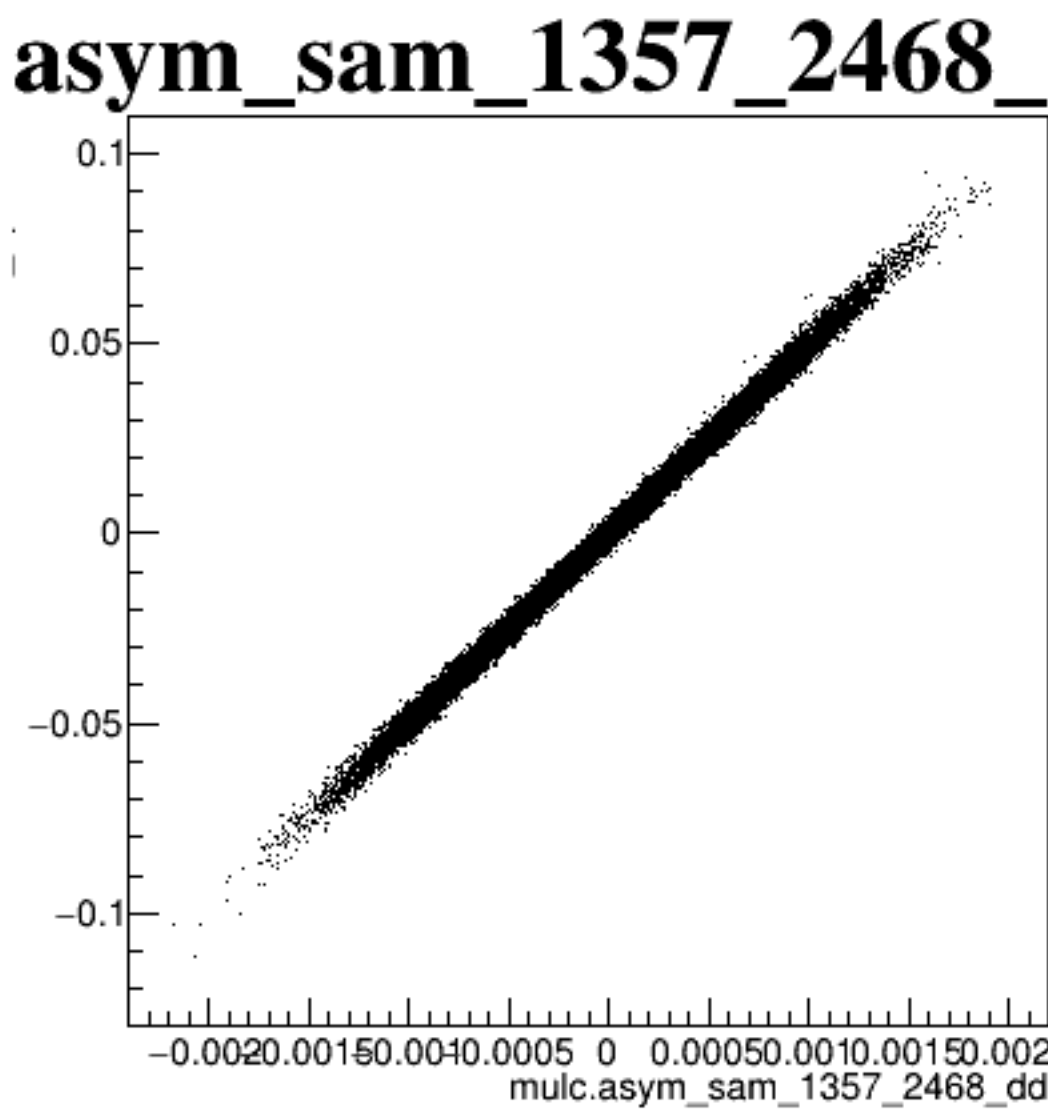
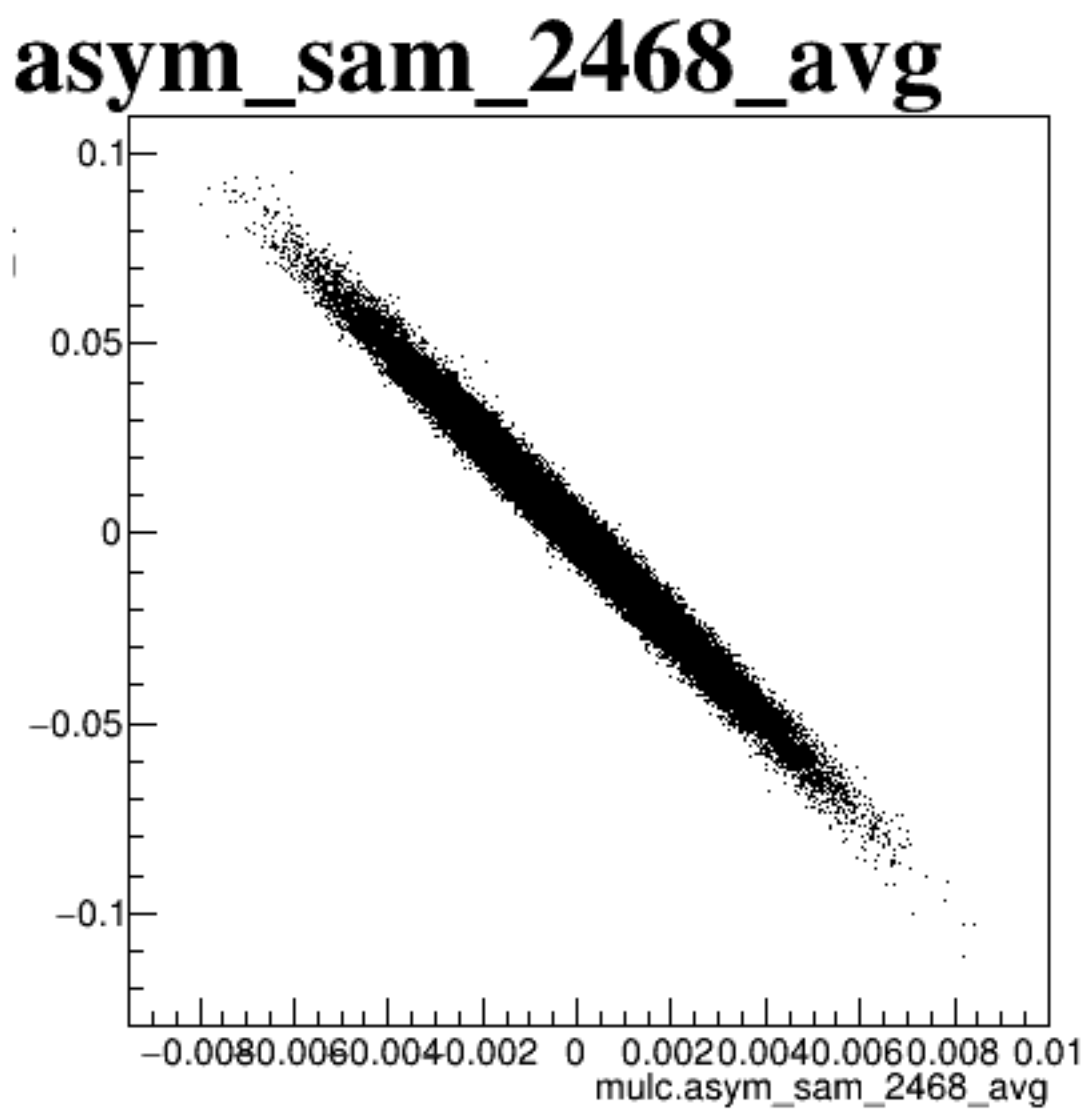
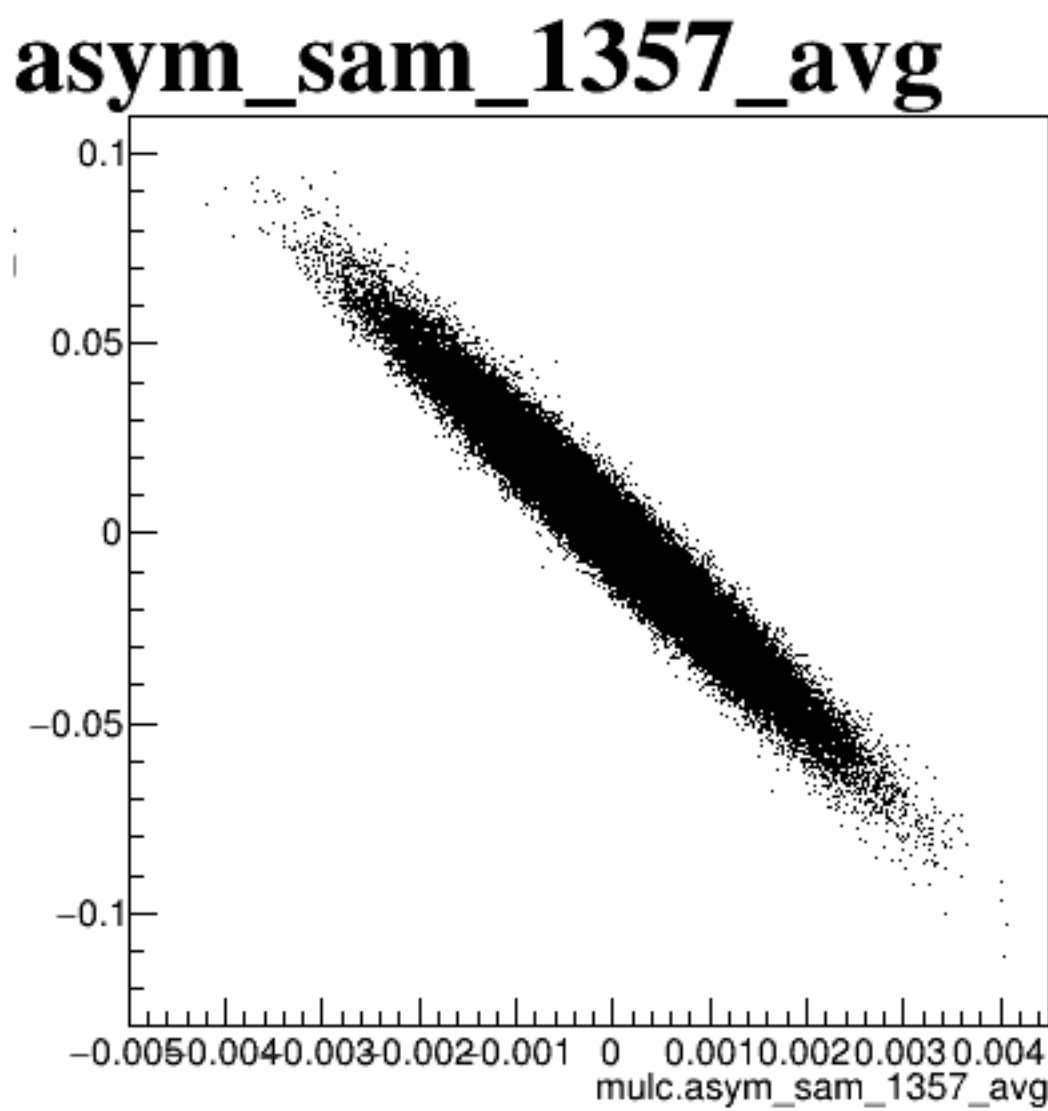
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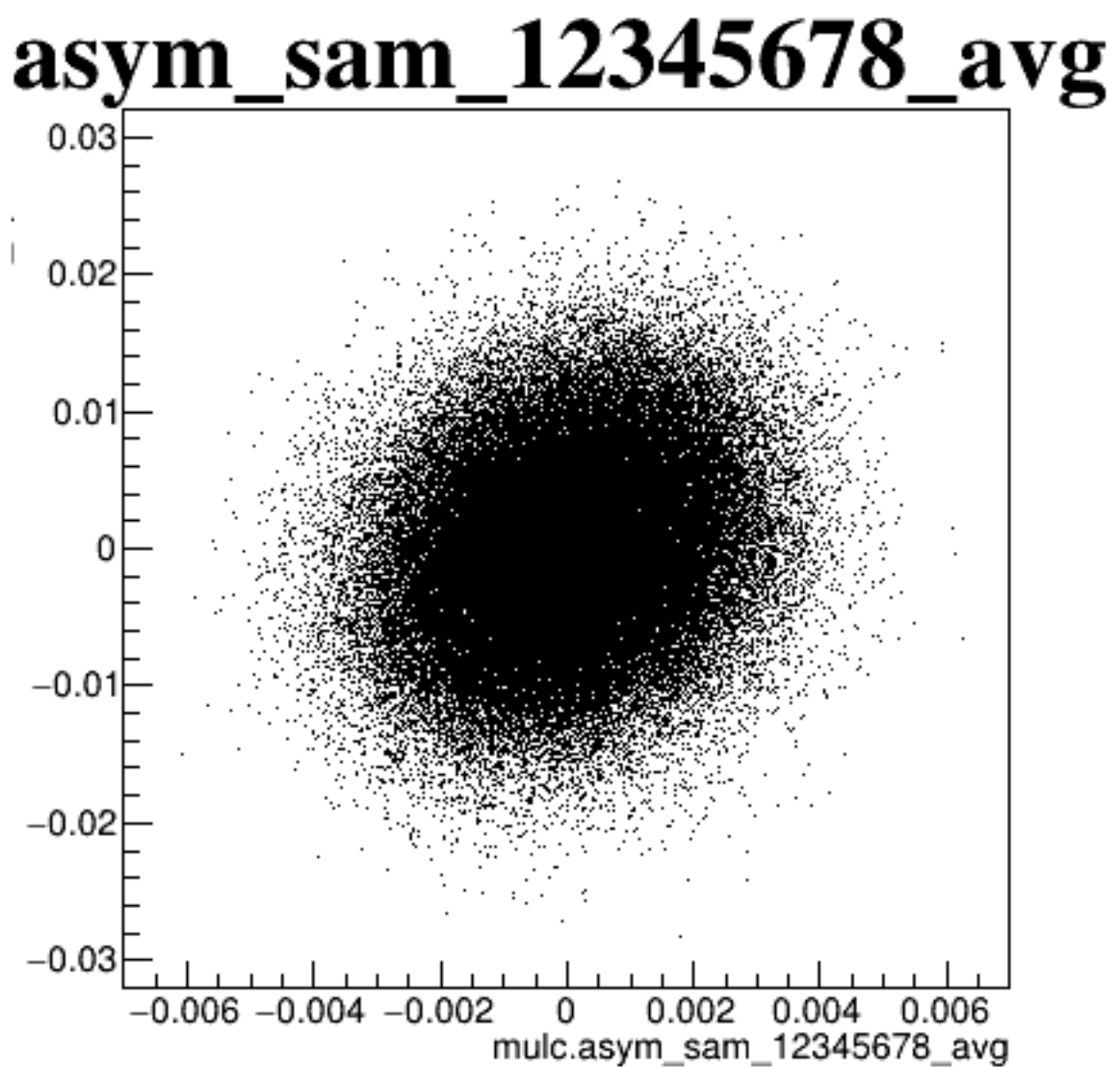
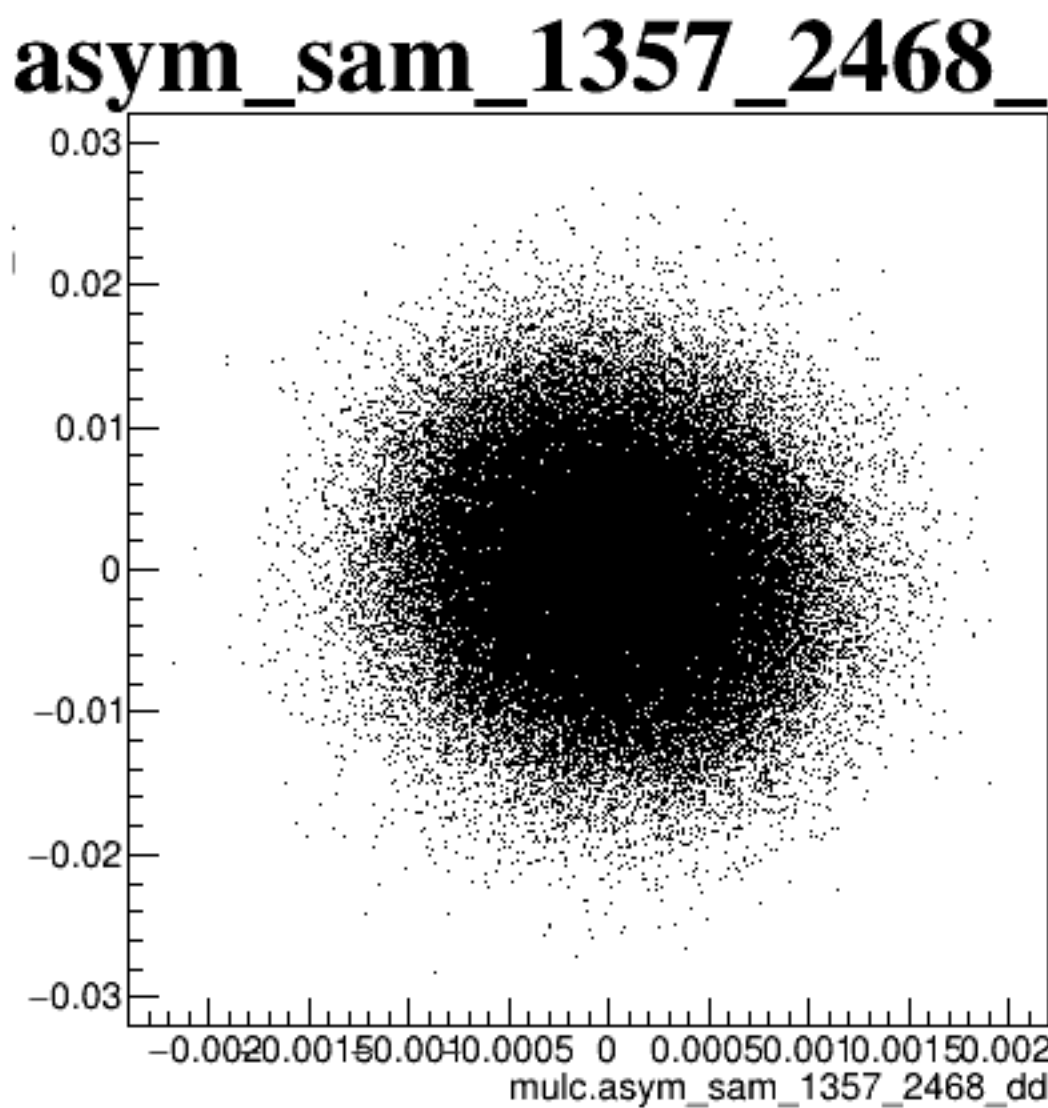
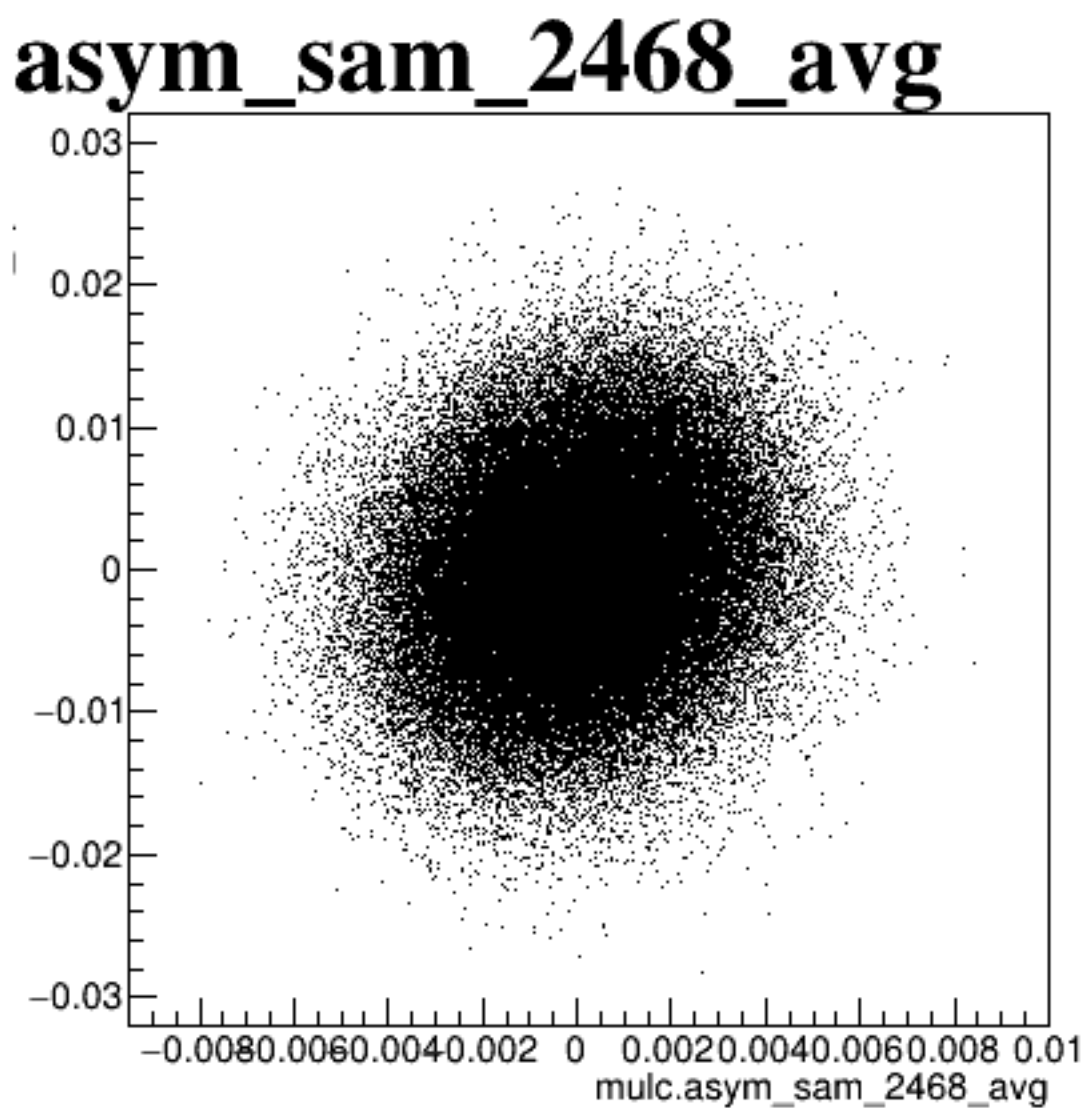
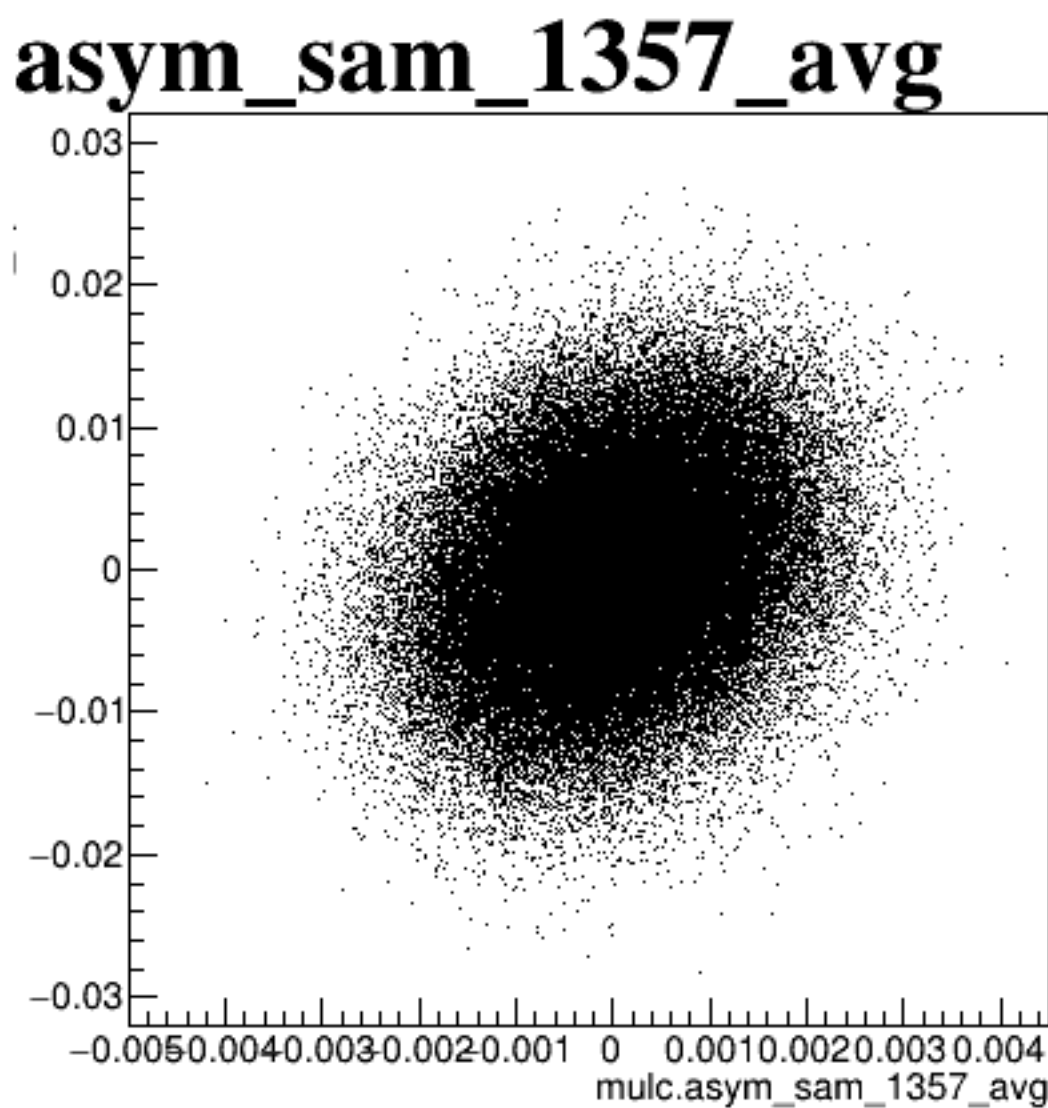
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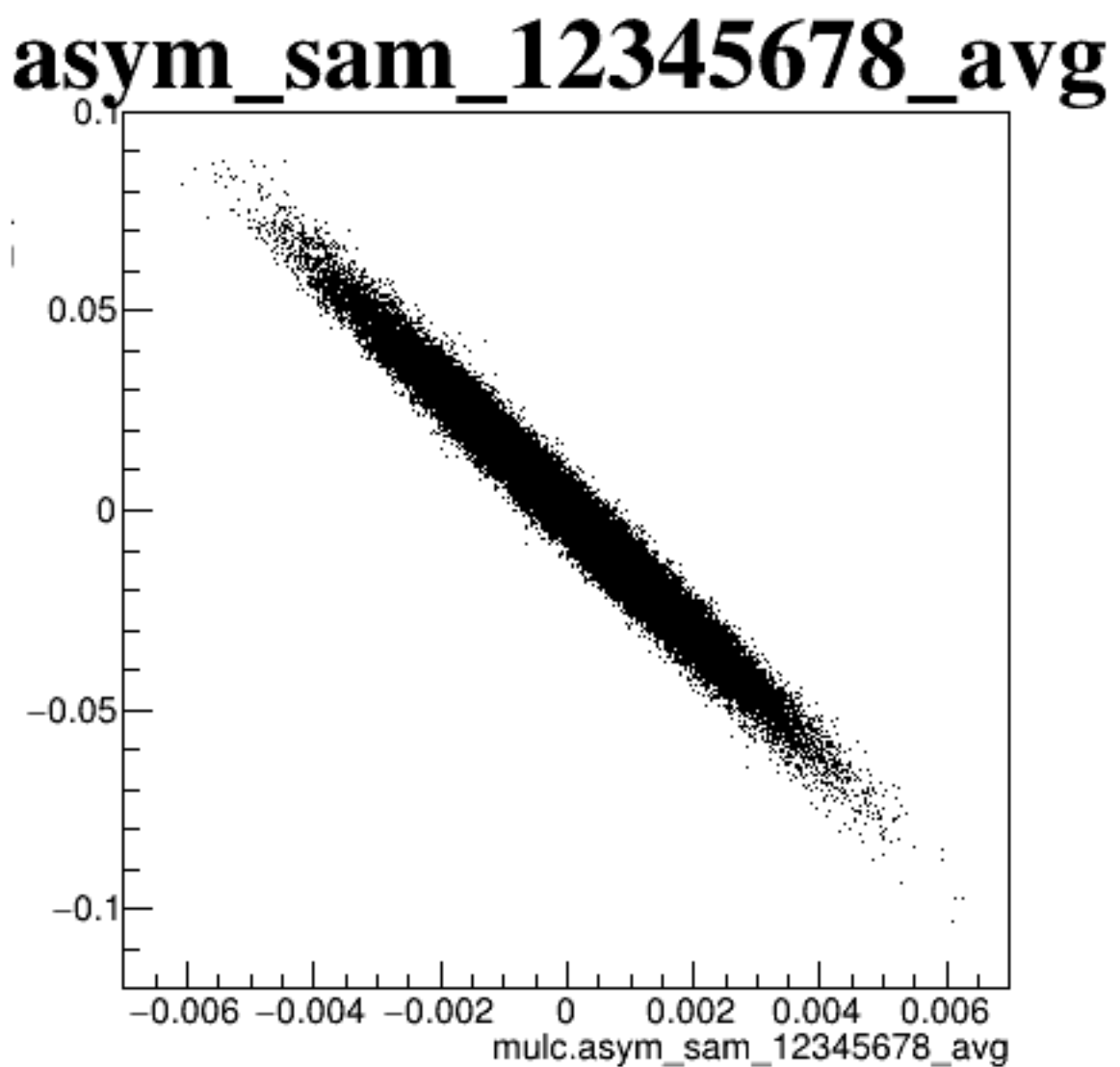
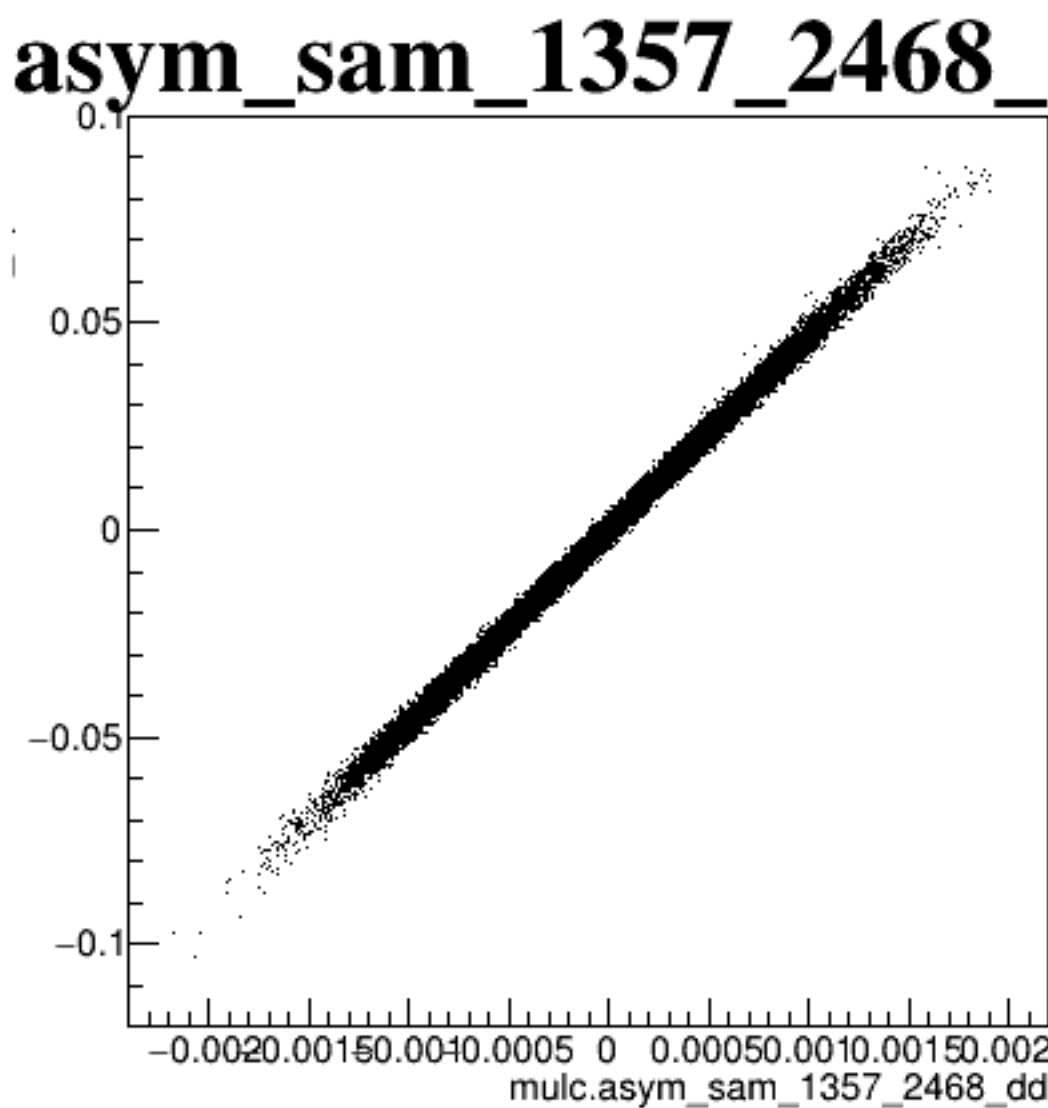
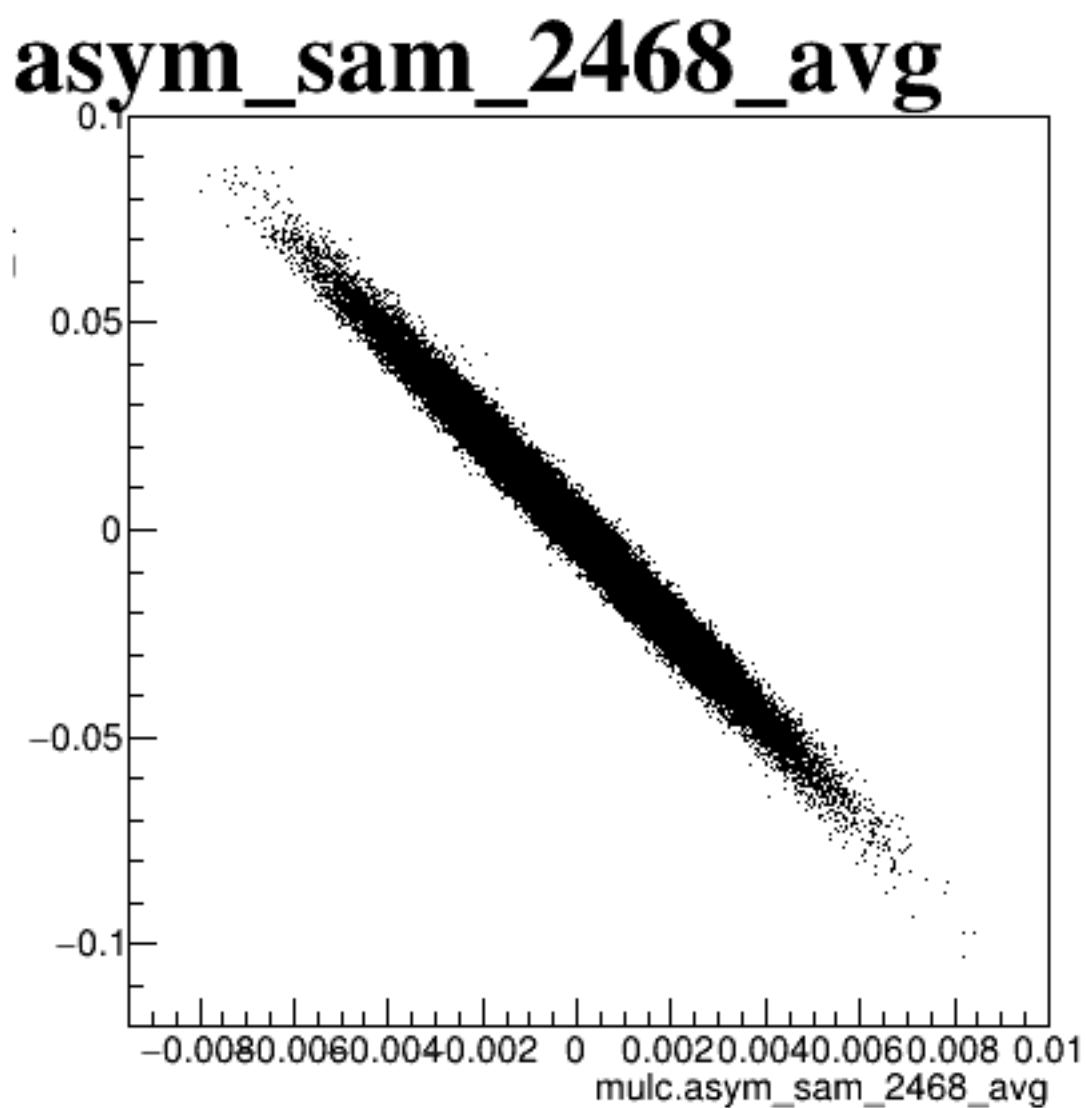
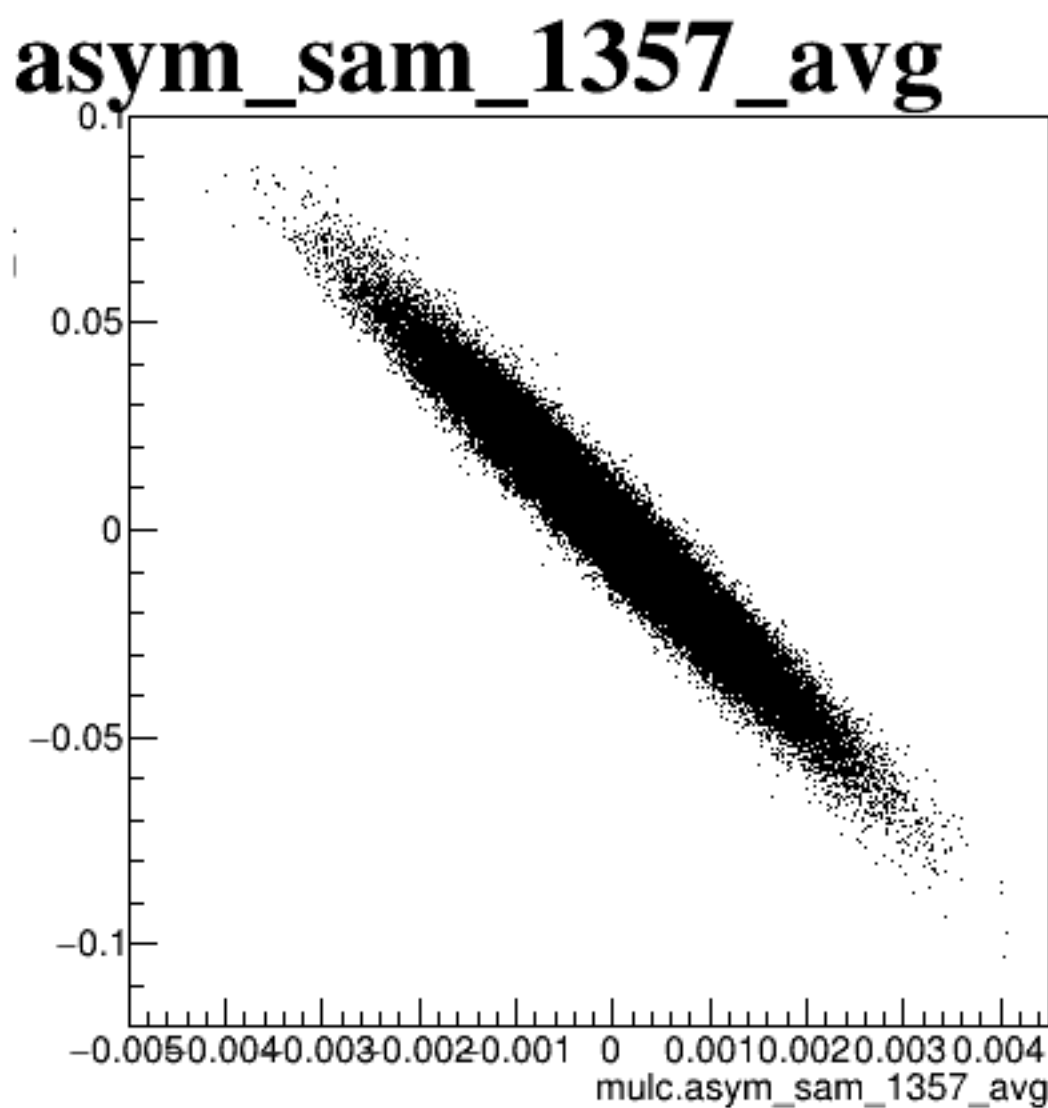
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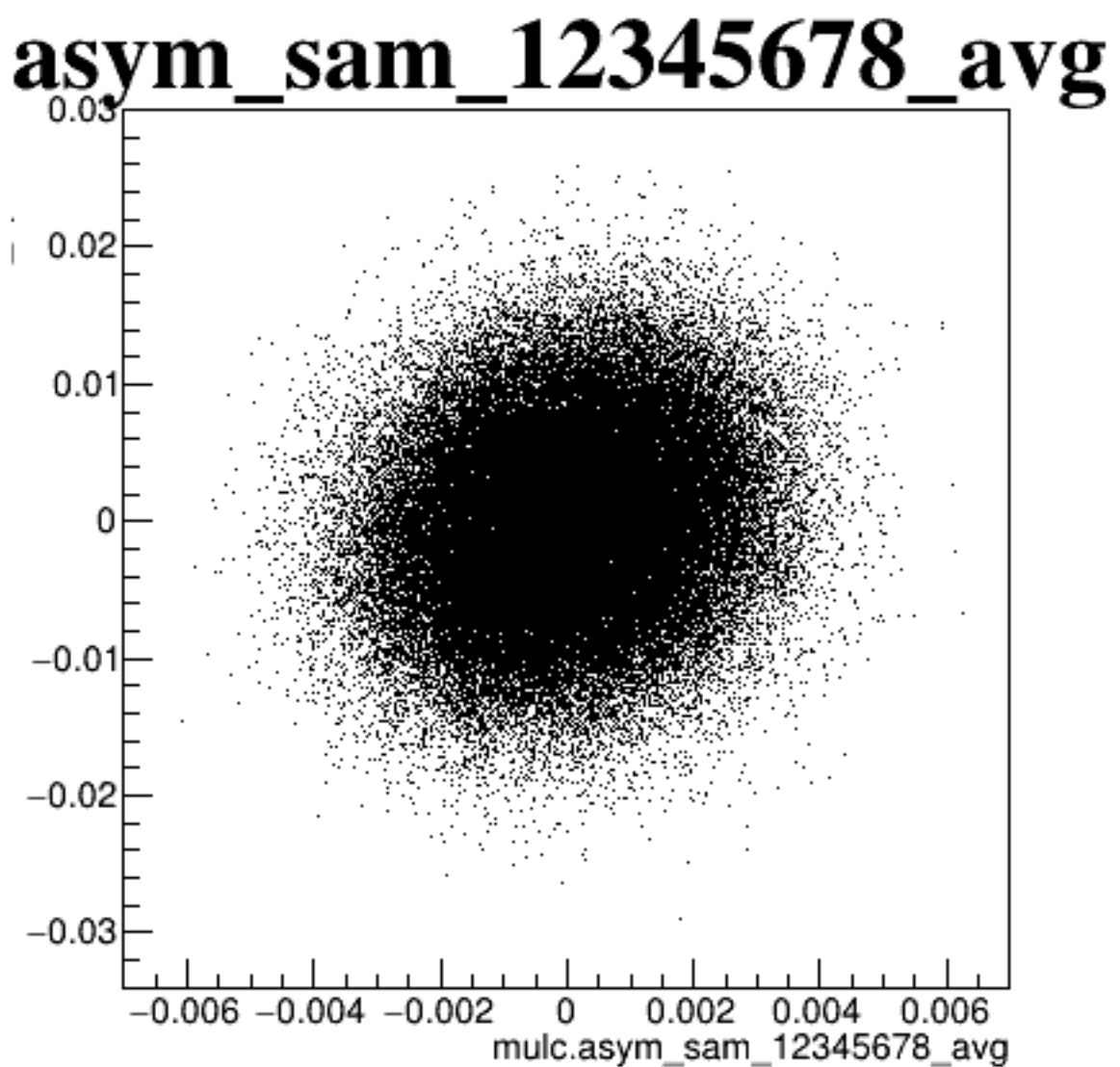
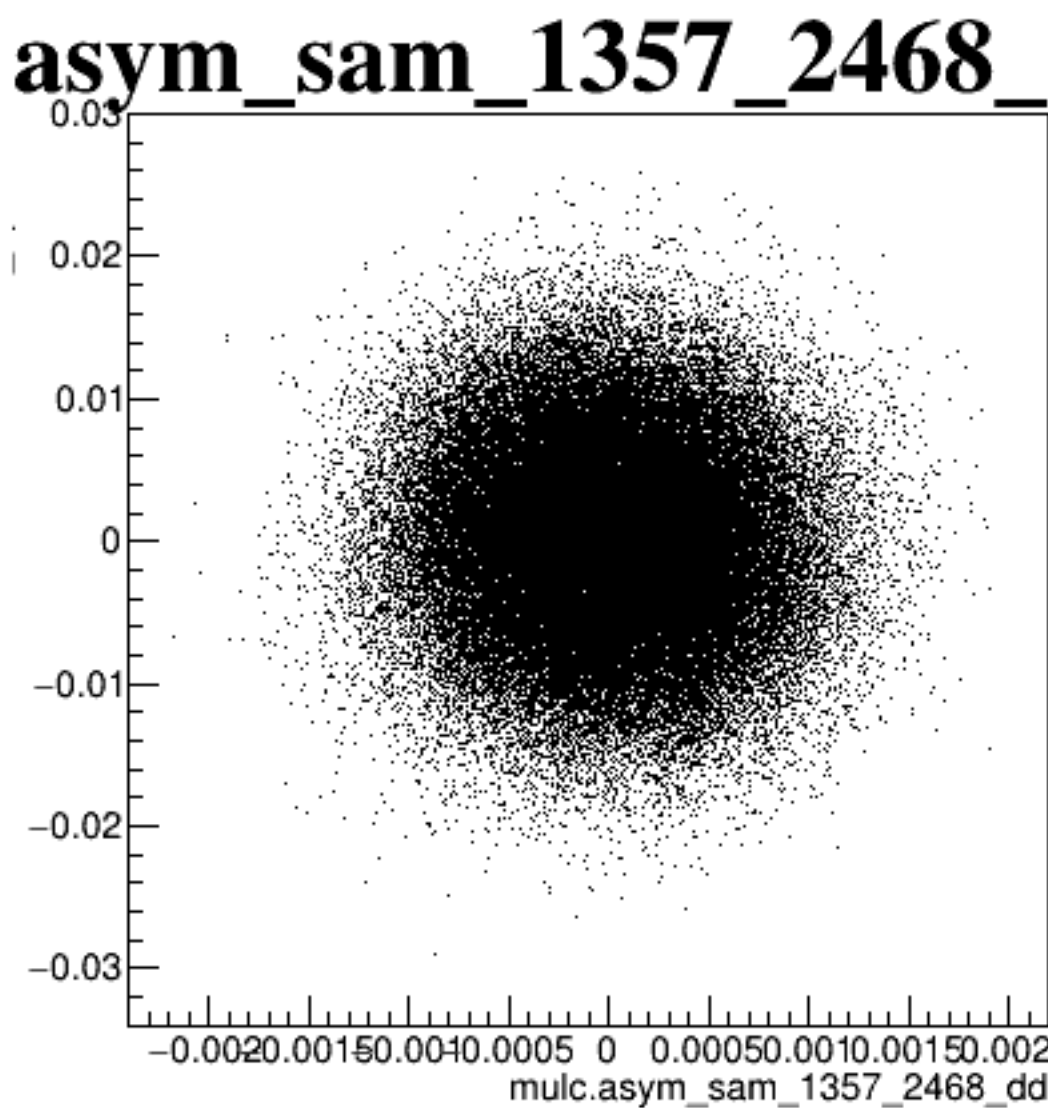
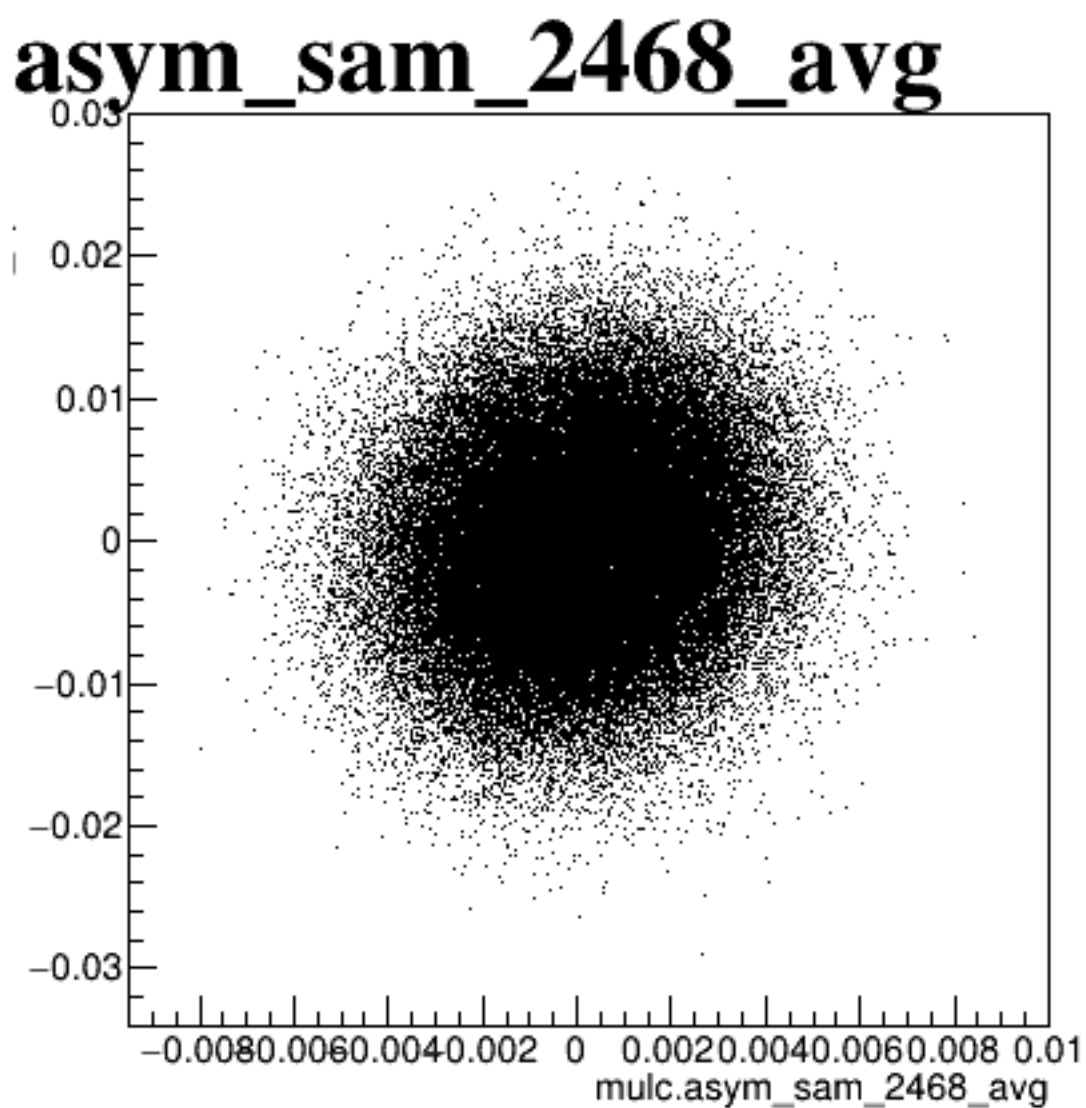
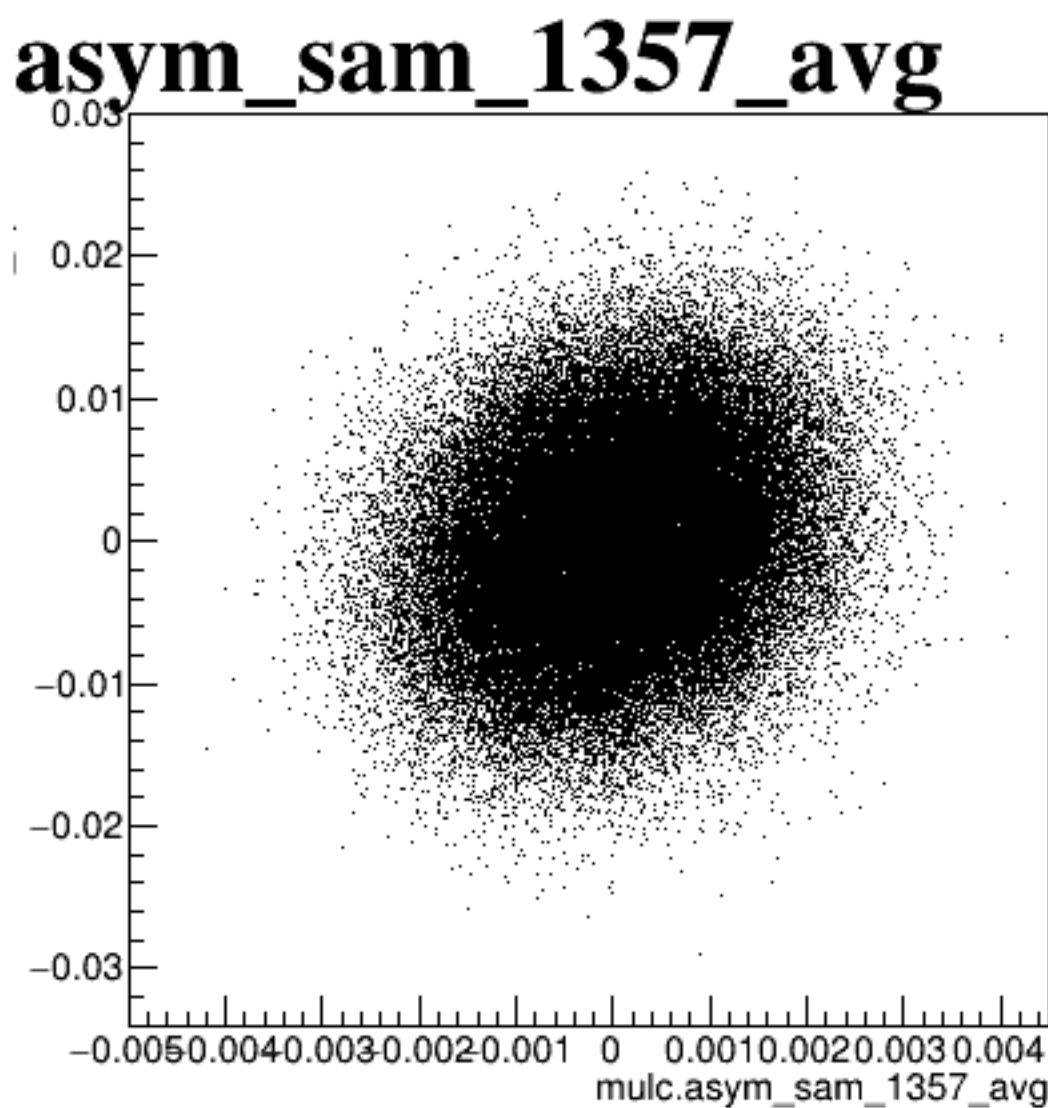
diff_bpm4aY



diff_bpm4eX



diff_bpm4eY



diff_bpm12X

