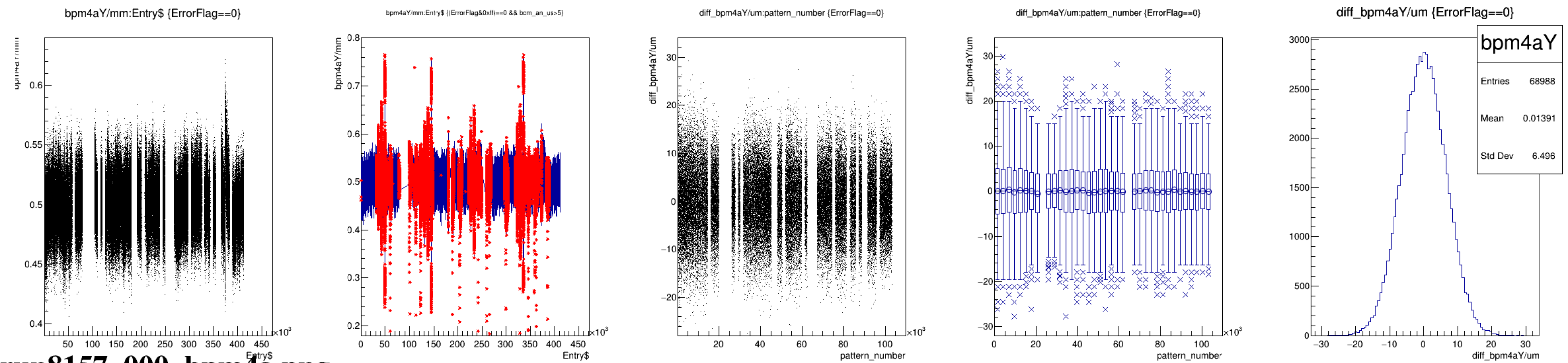
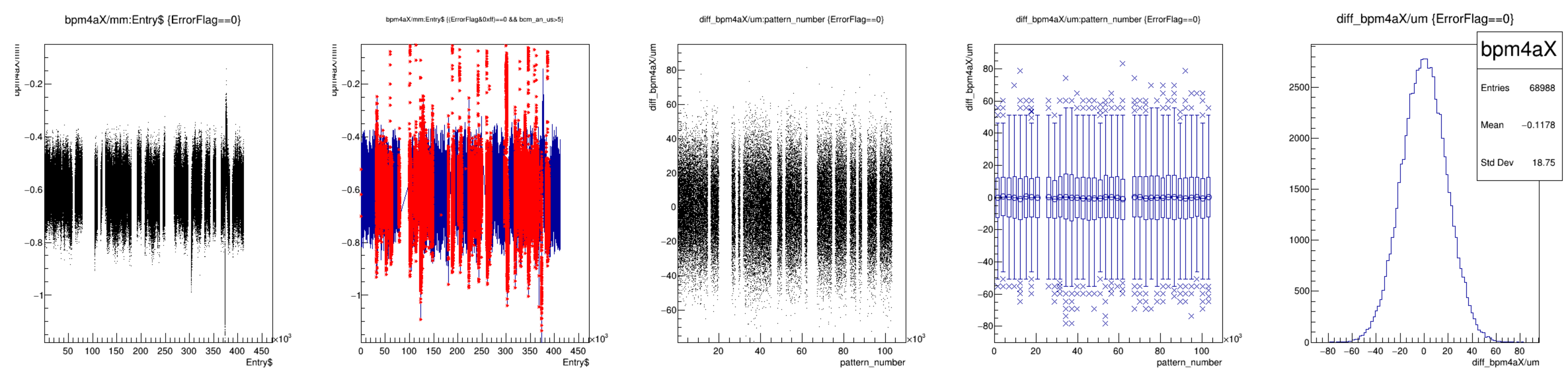
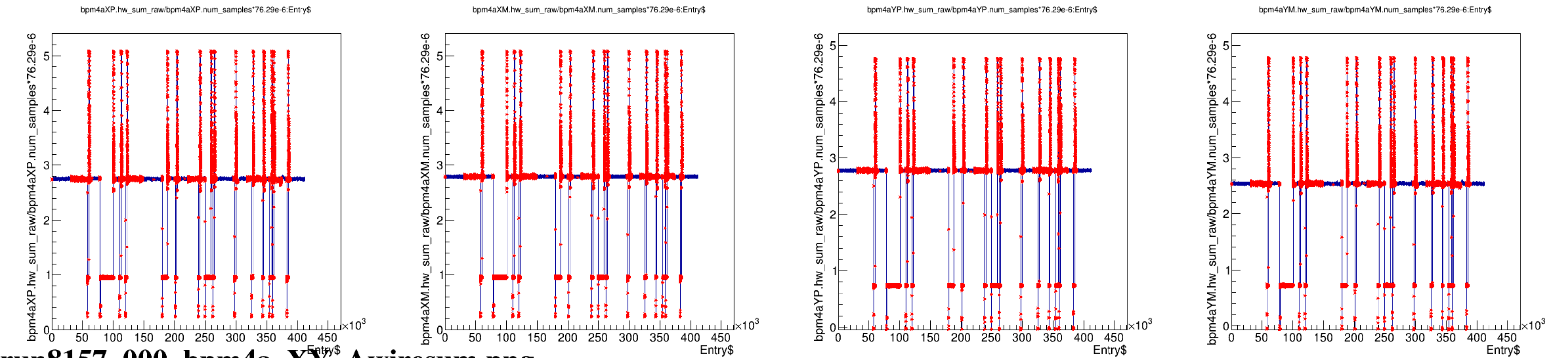
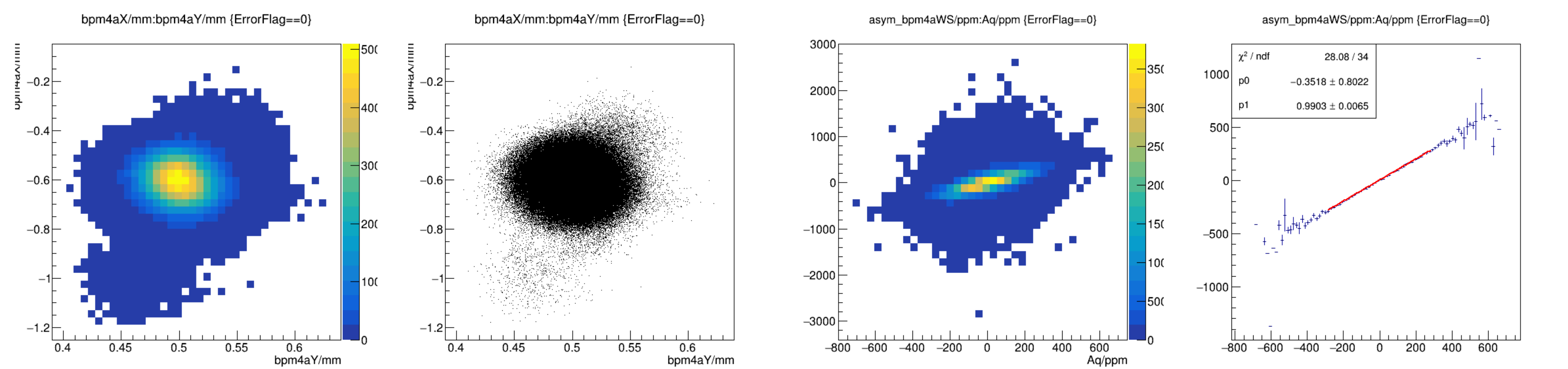
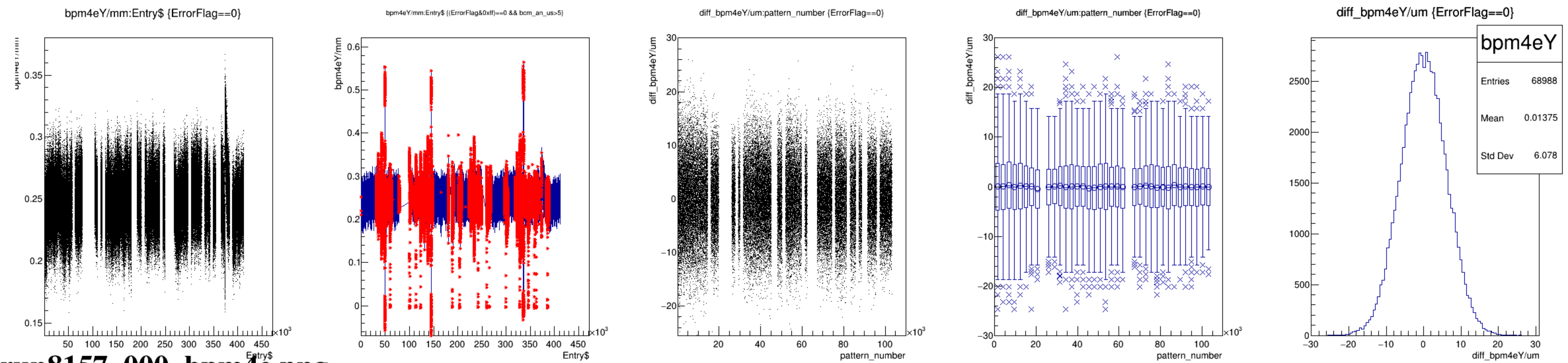
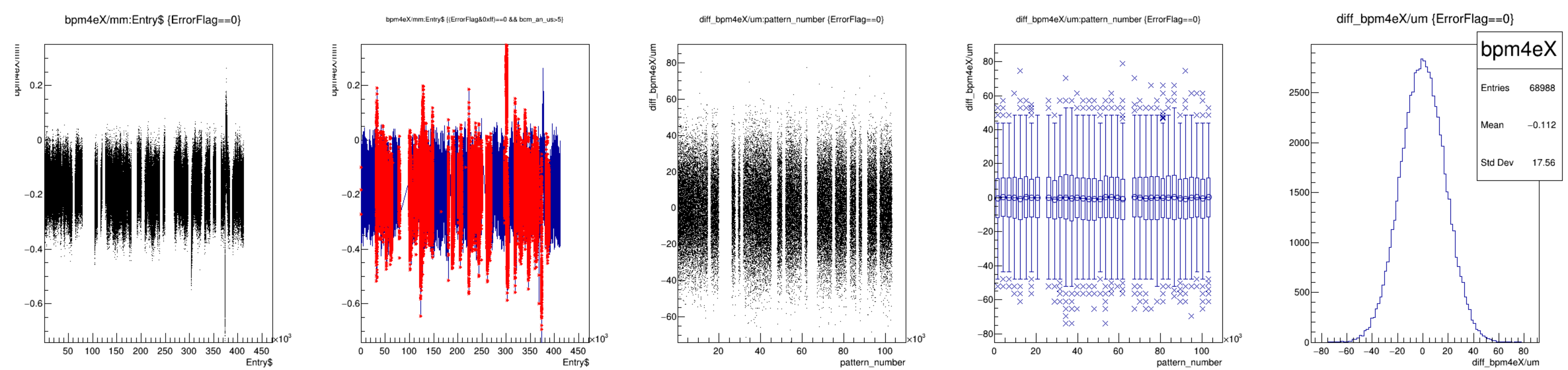
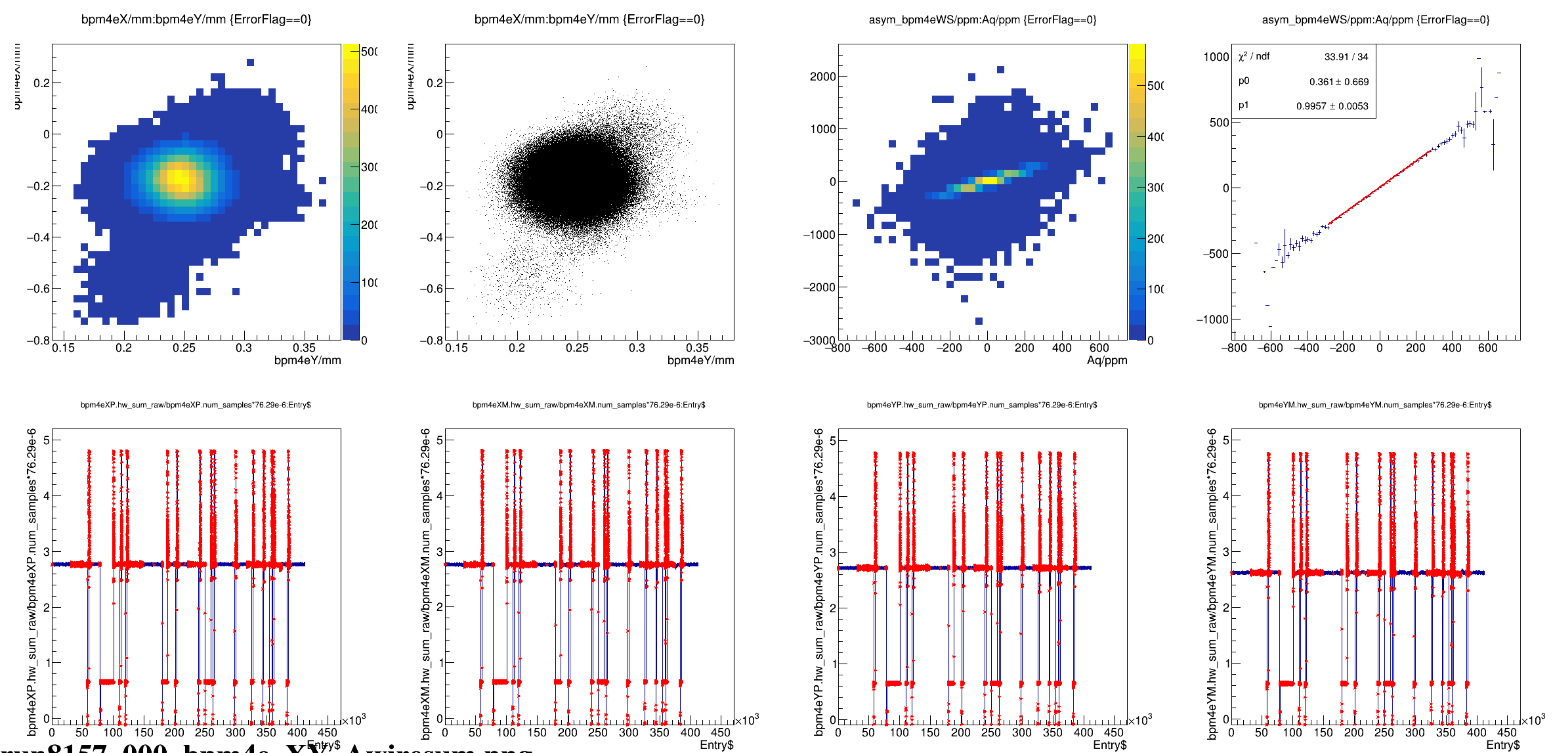


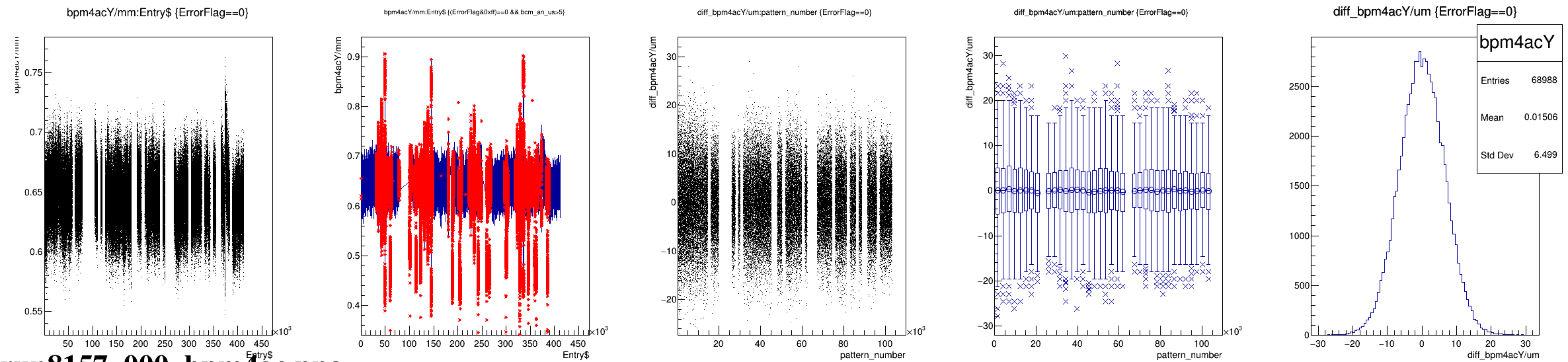
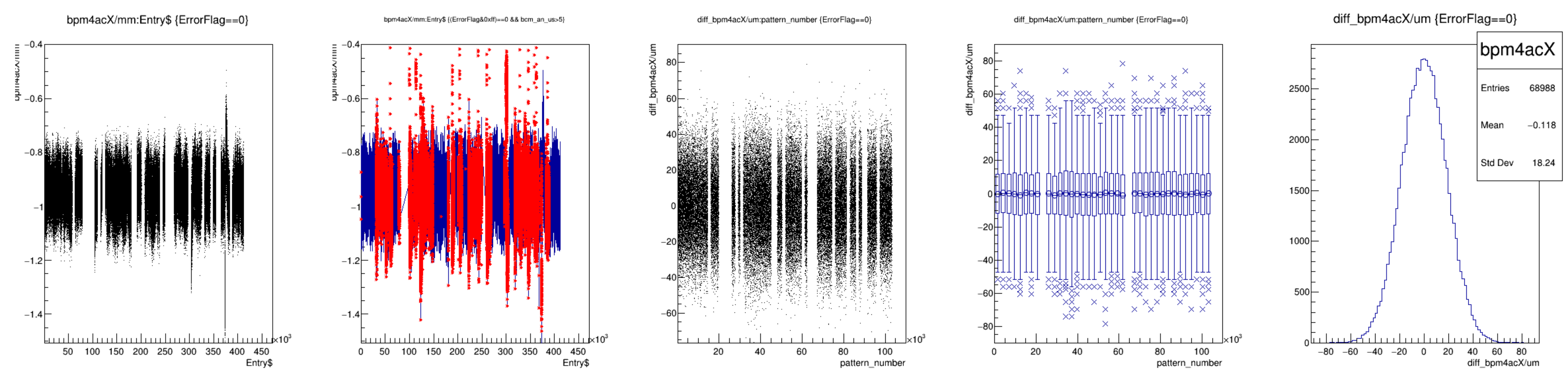


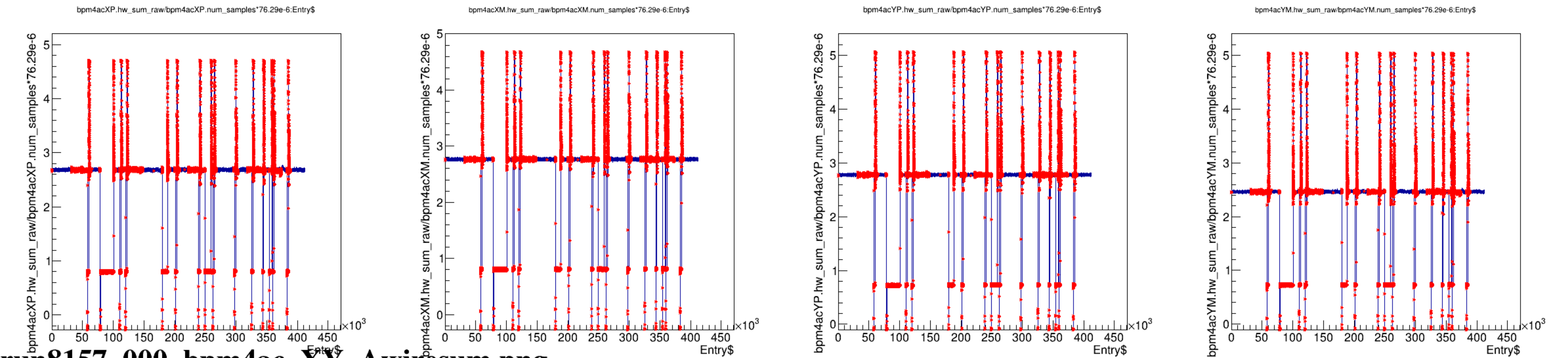
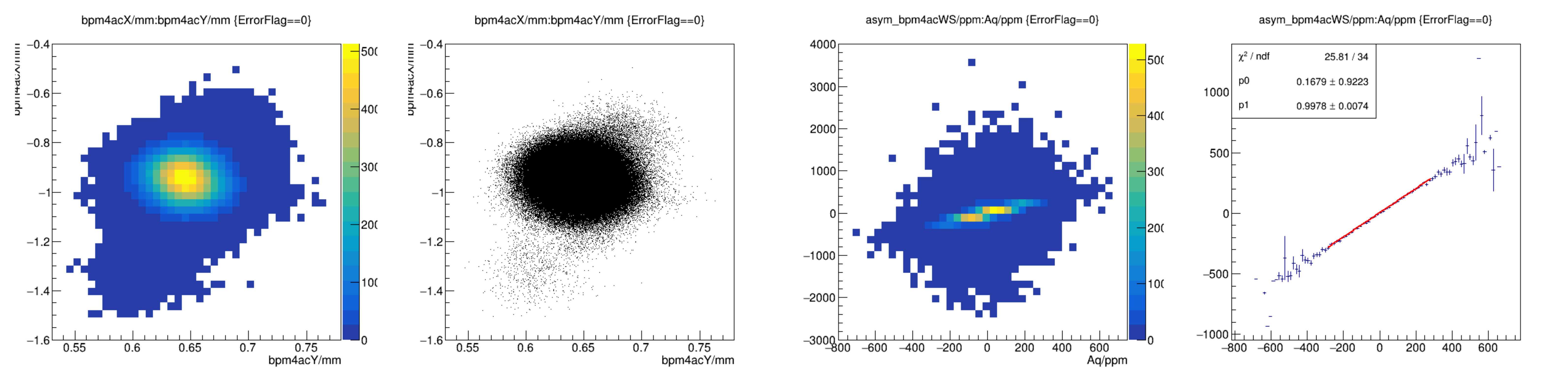


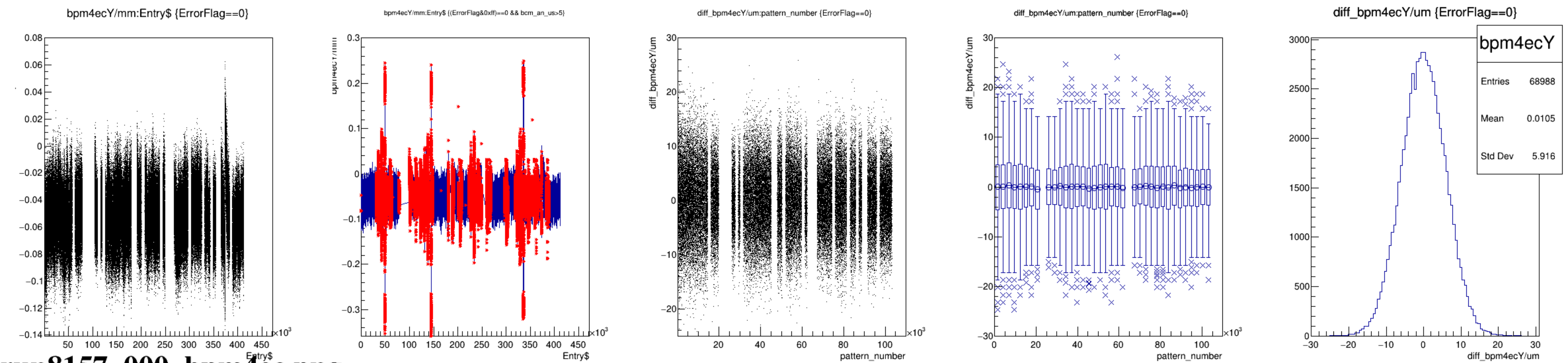
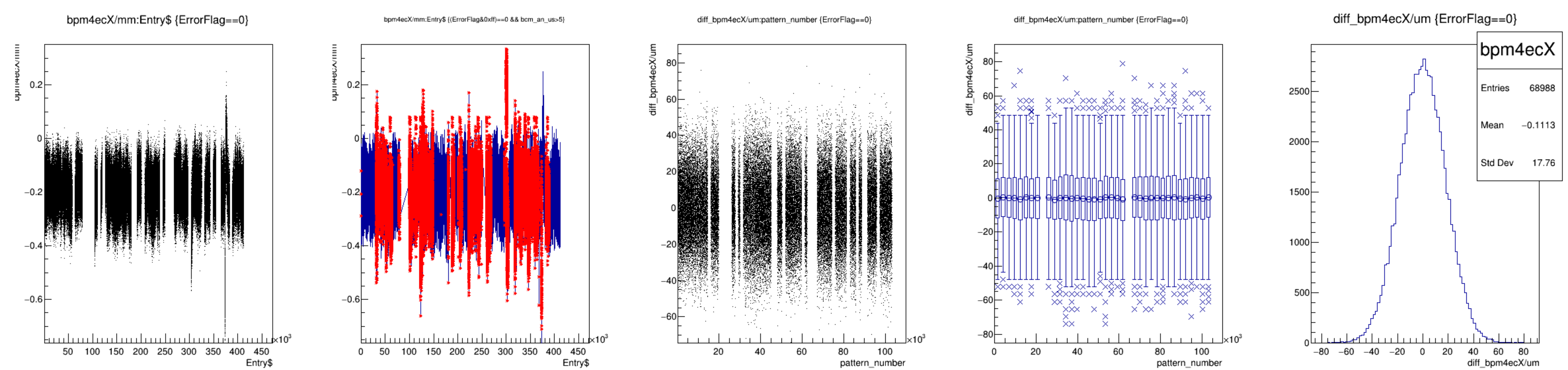
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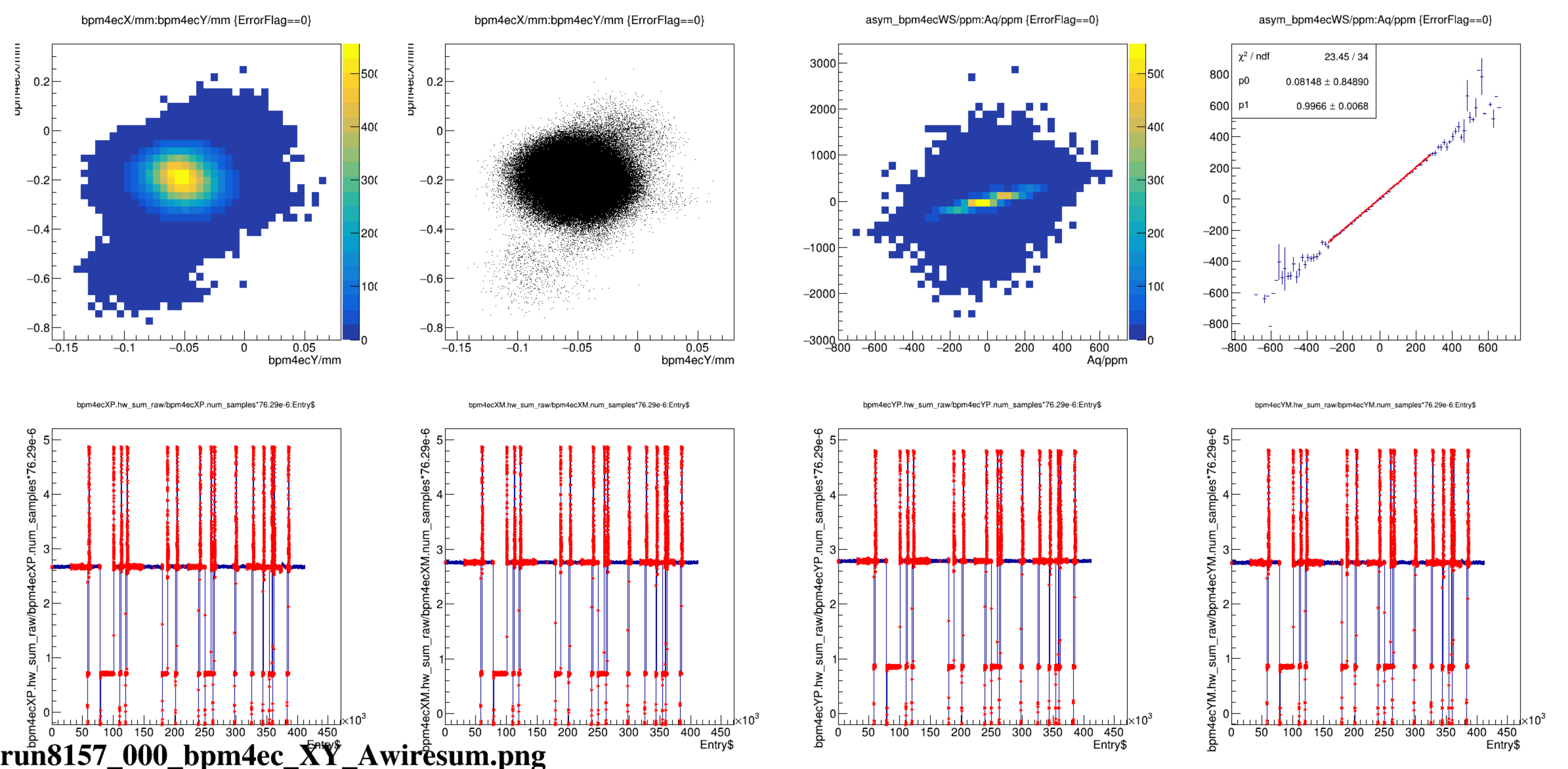


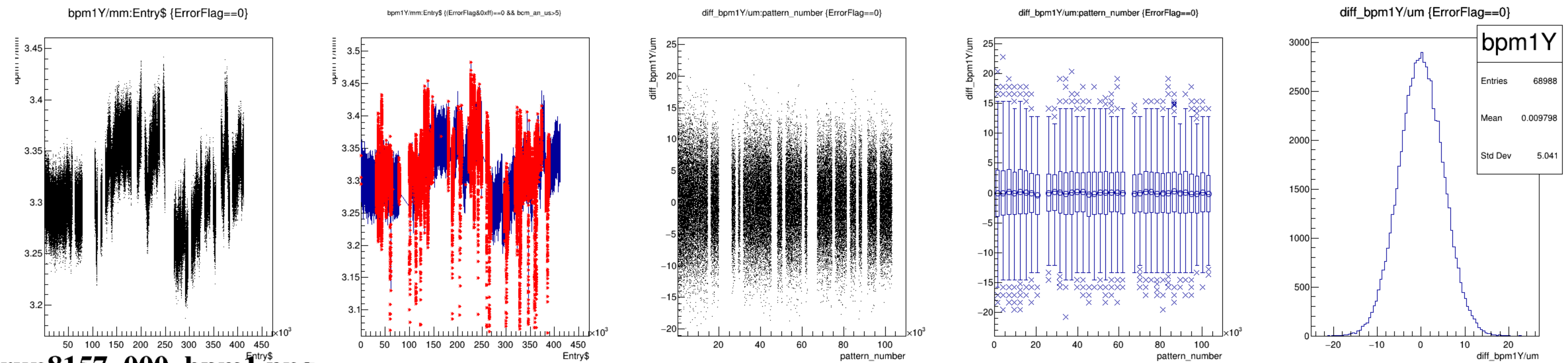
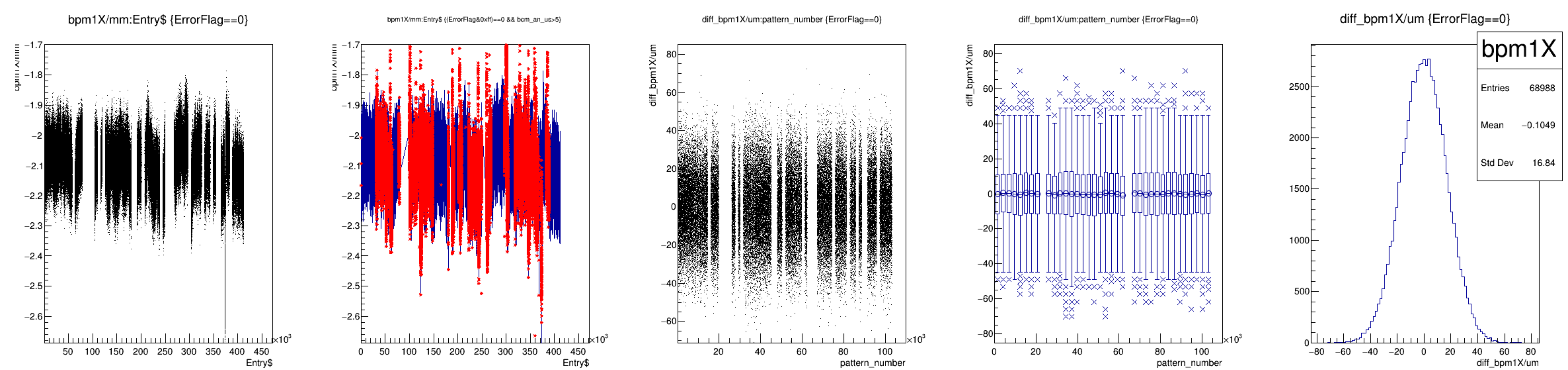


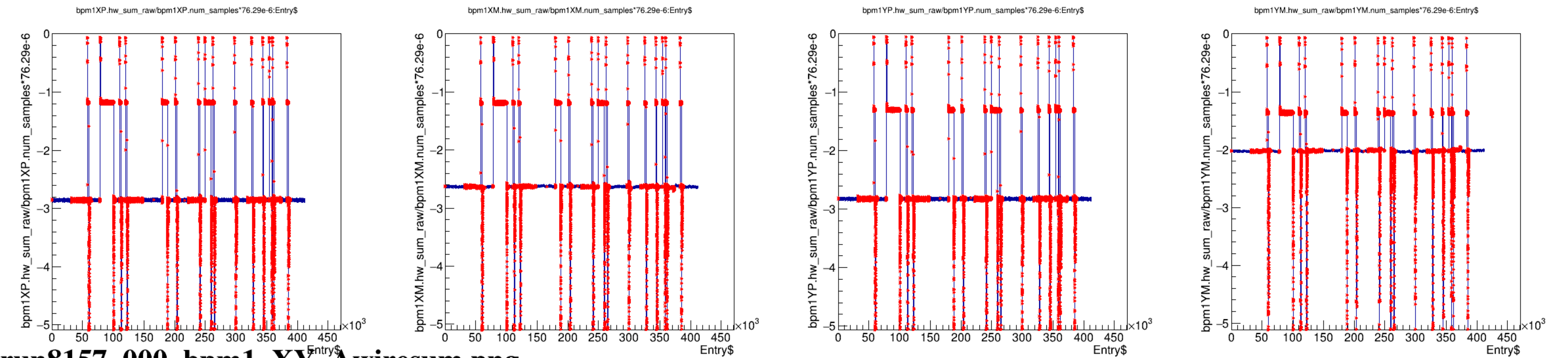
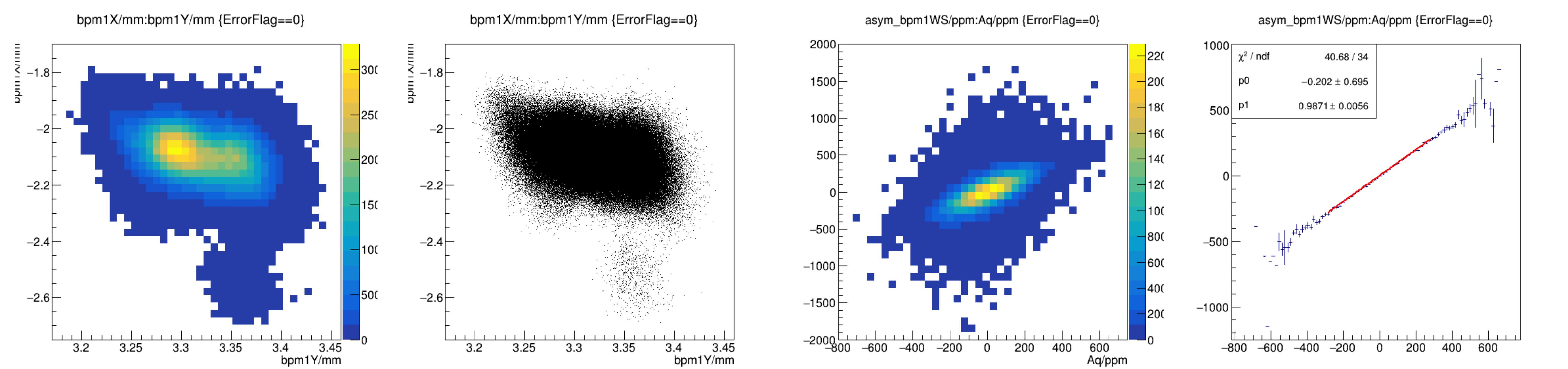




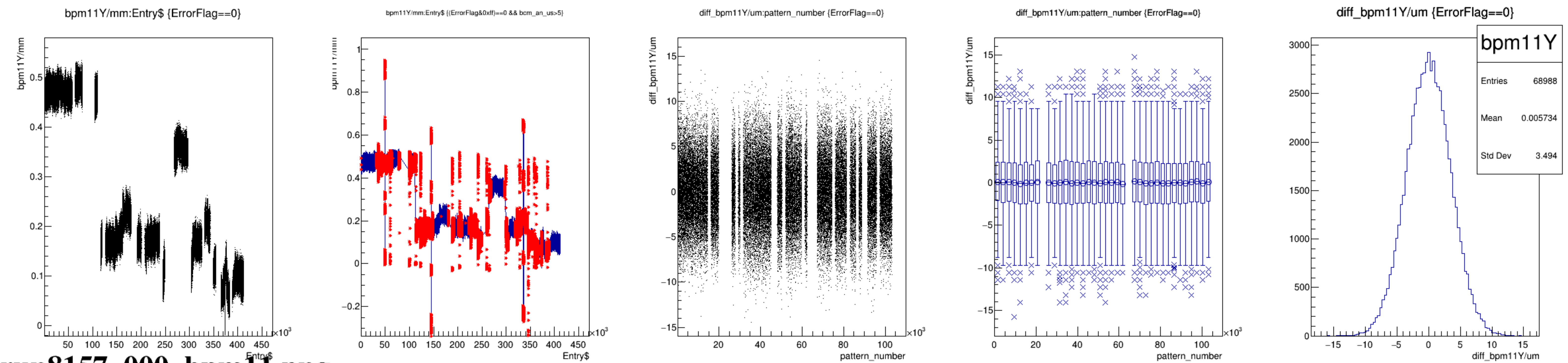
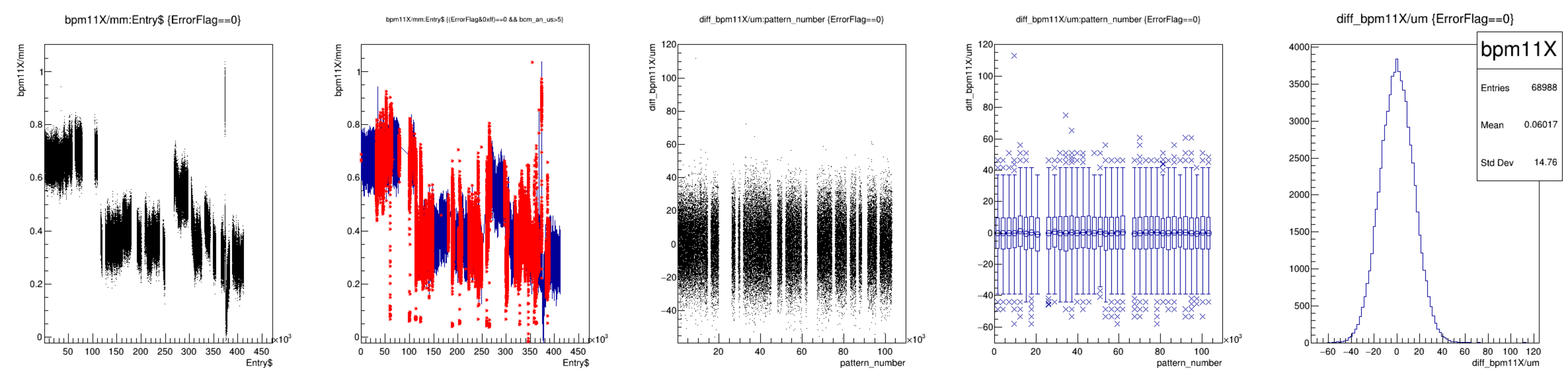




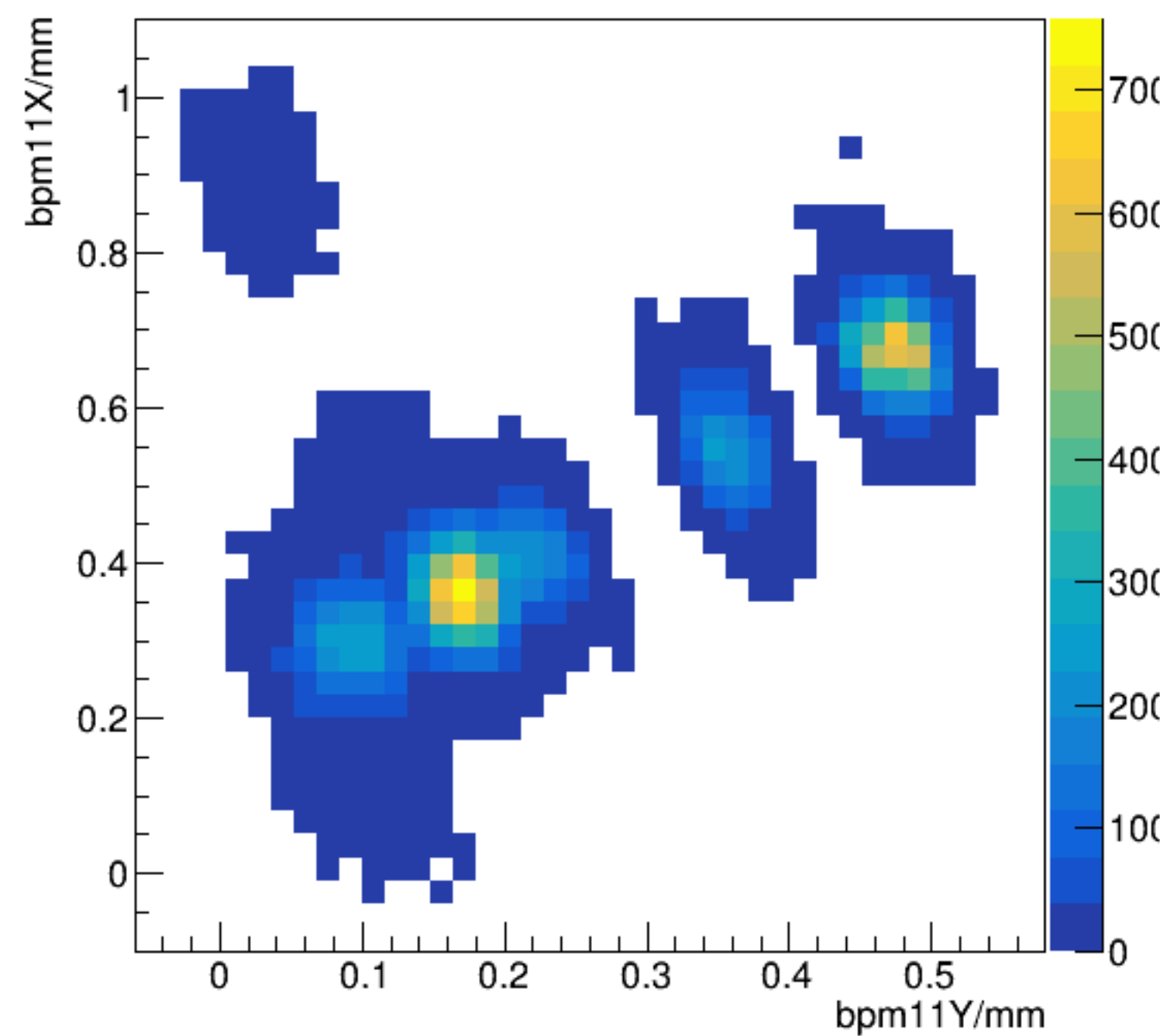




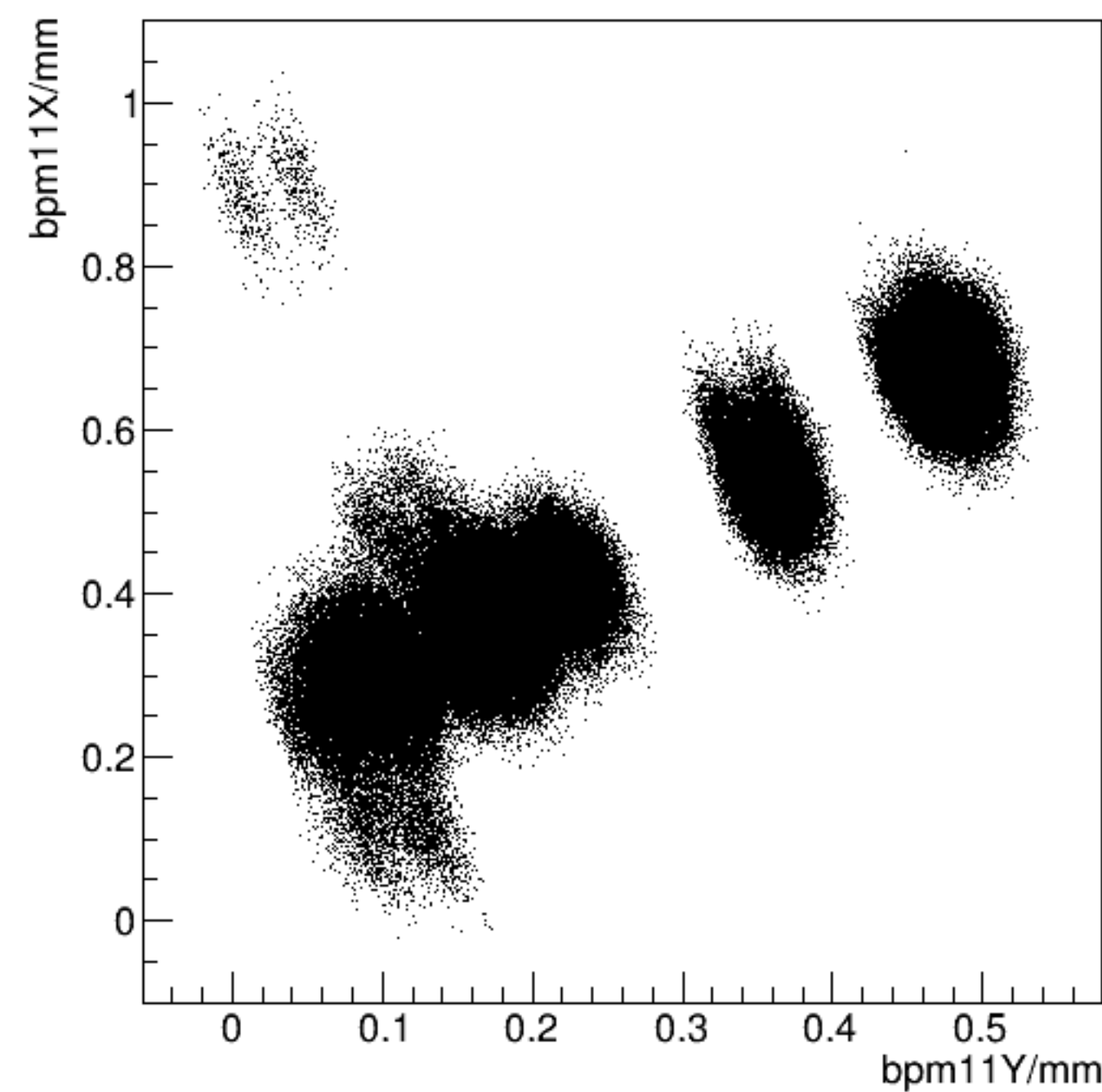
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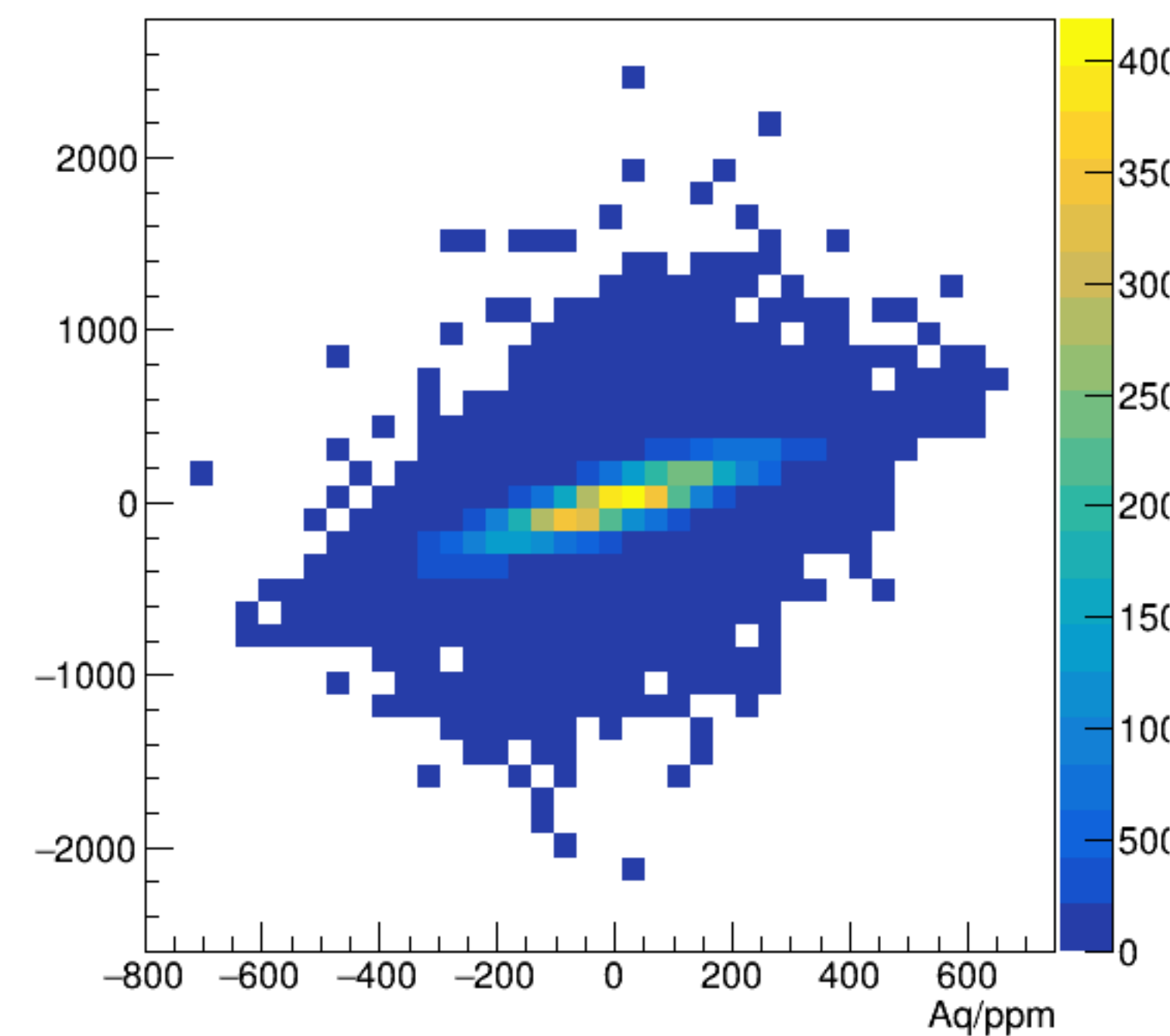
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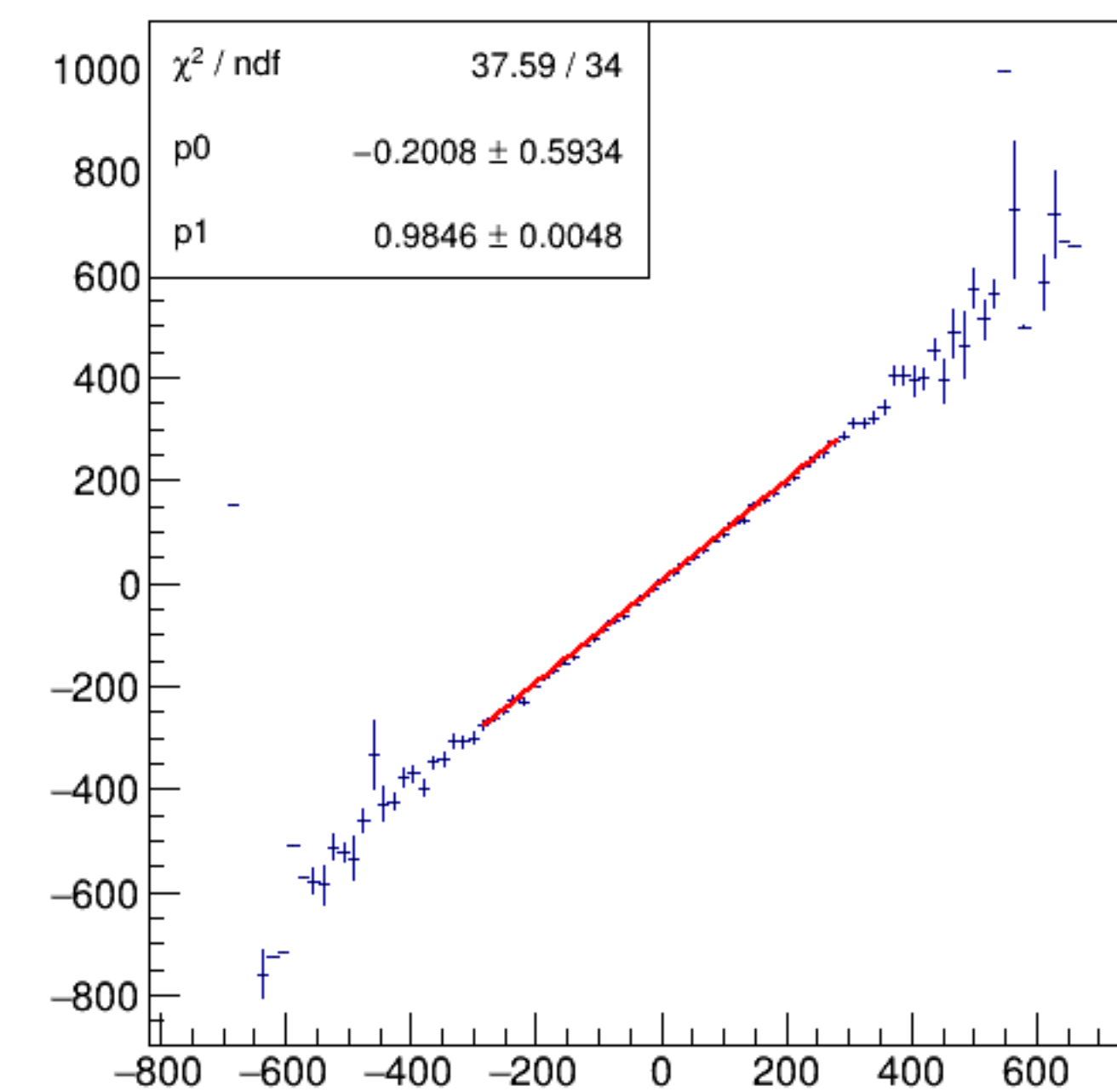
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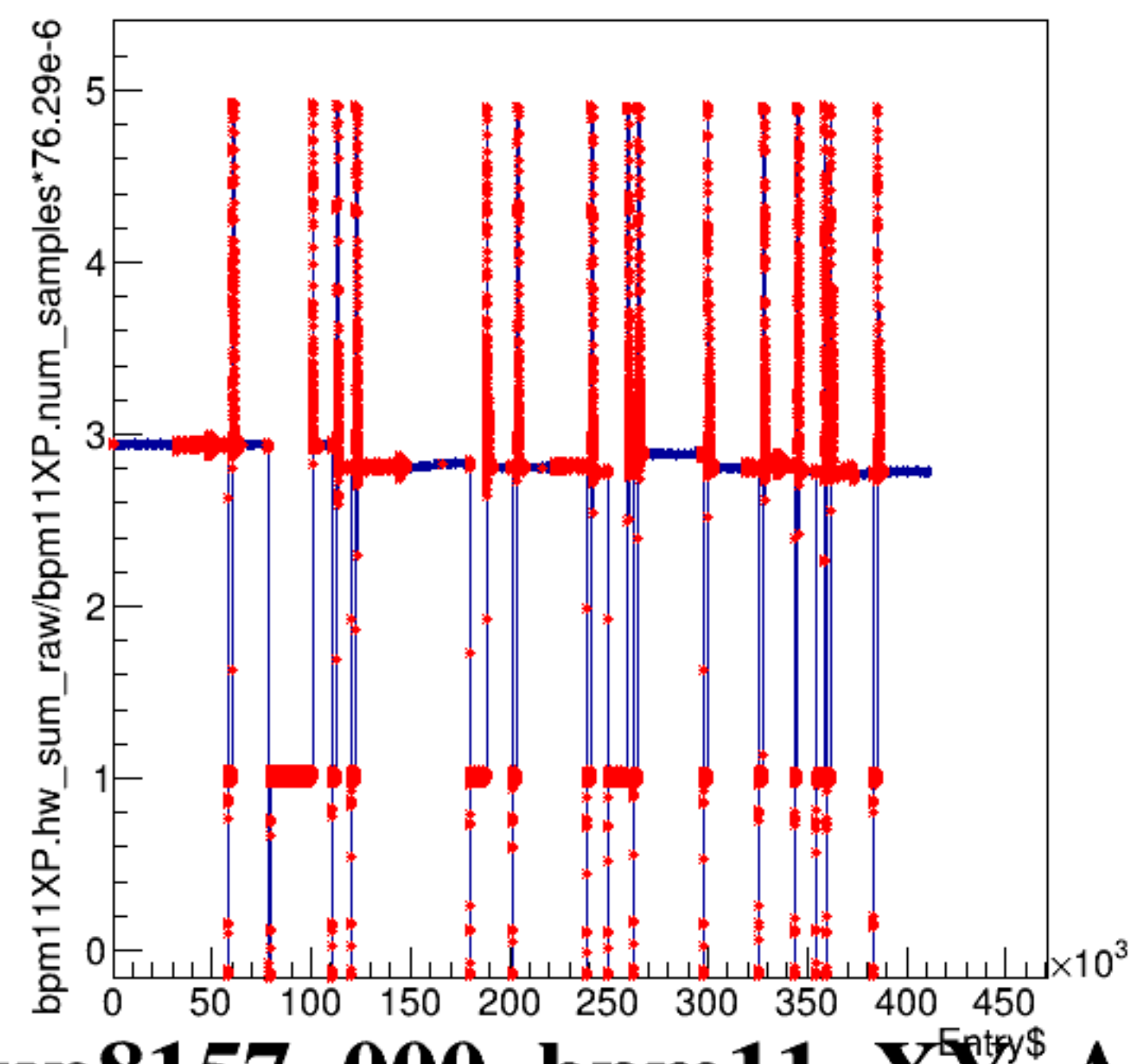
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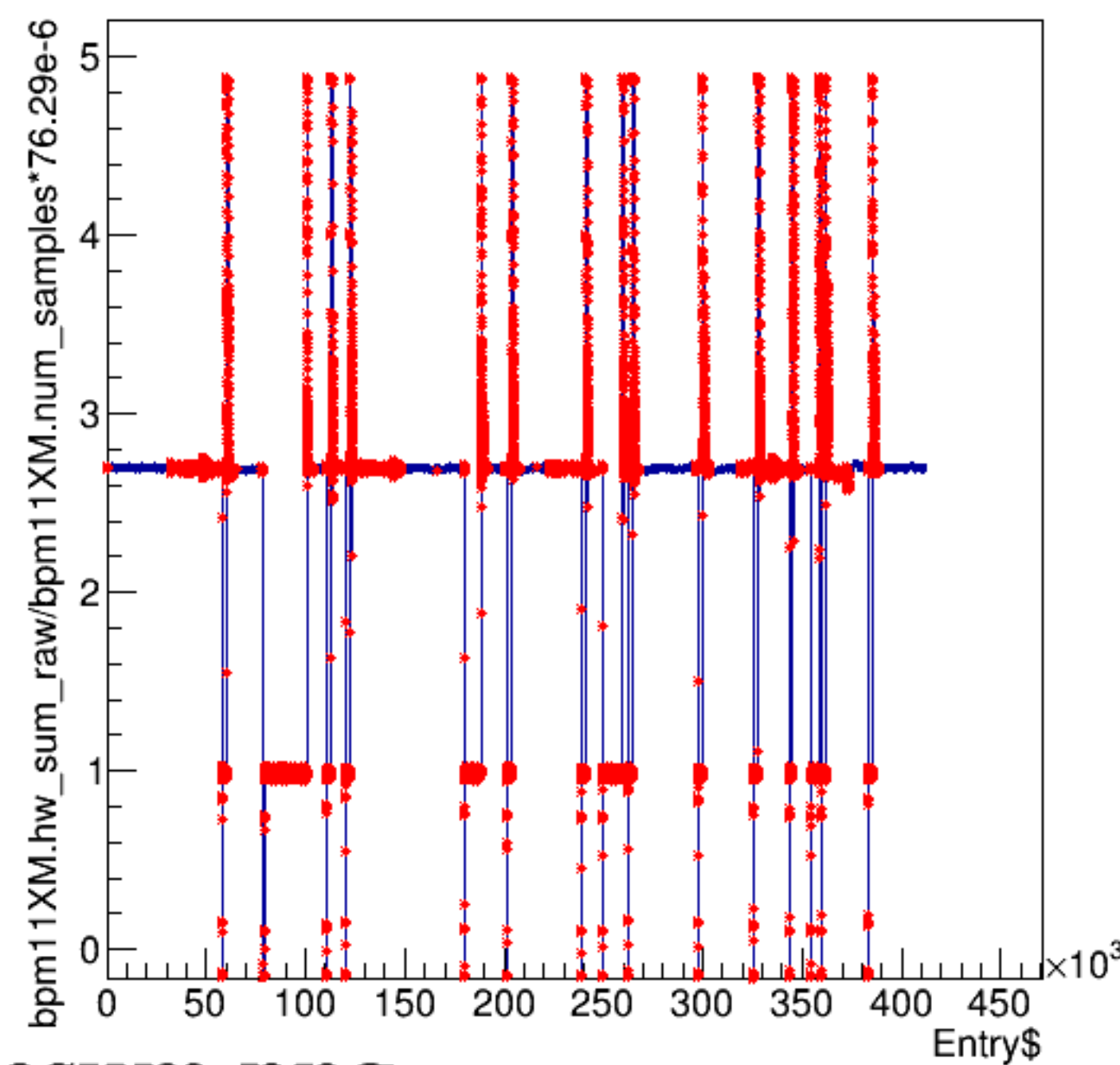
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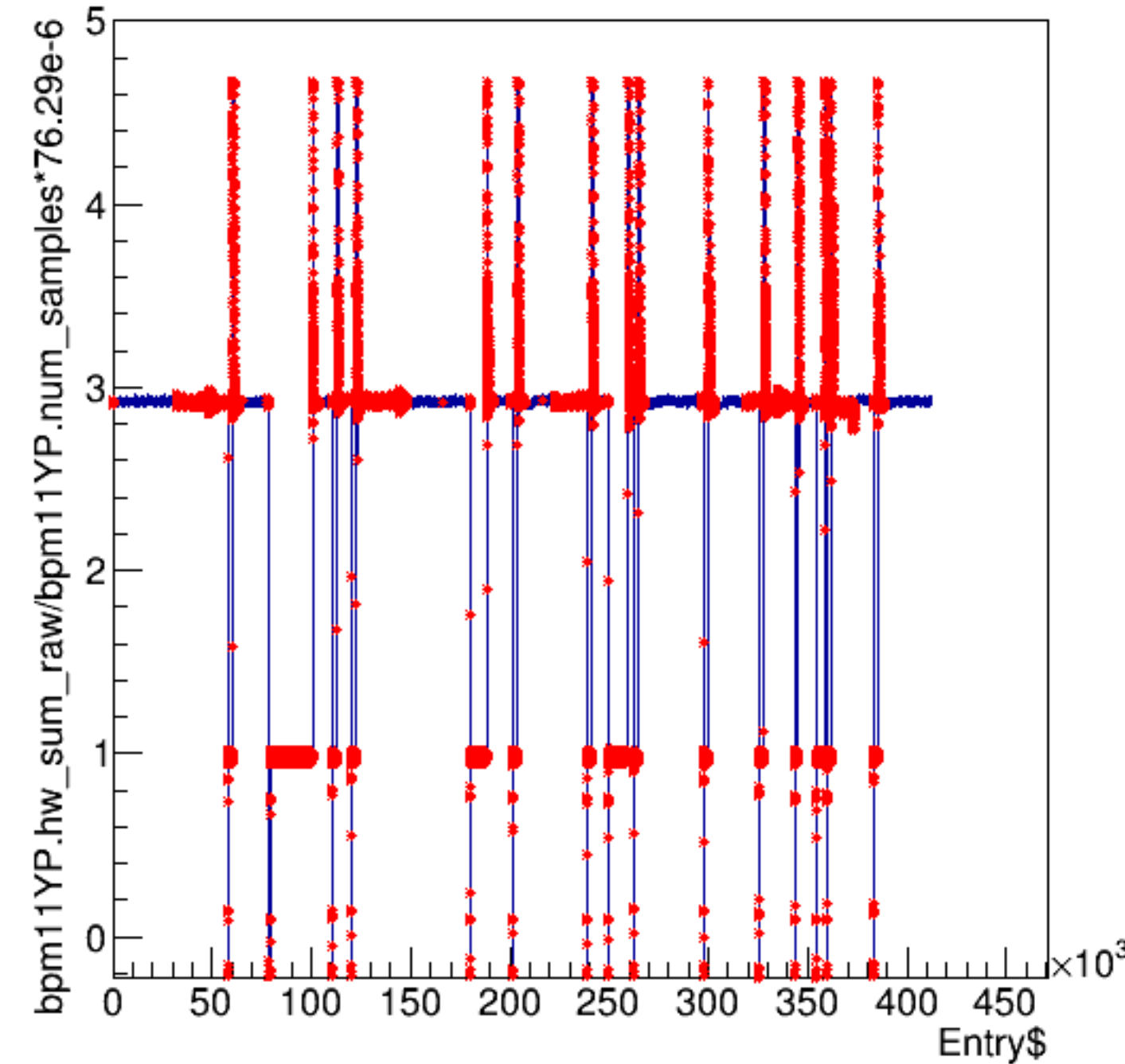
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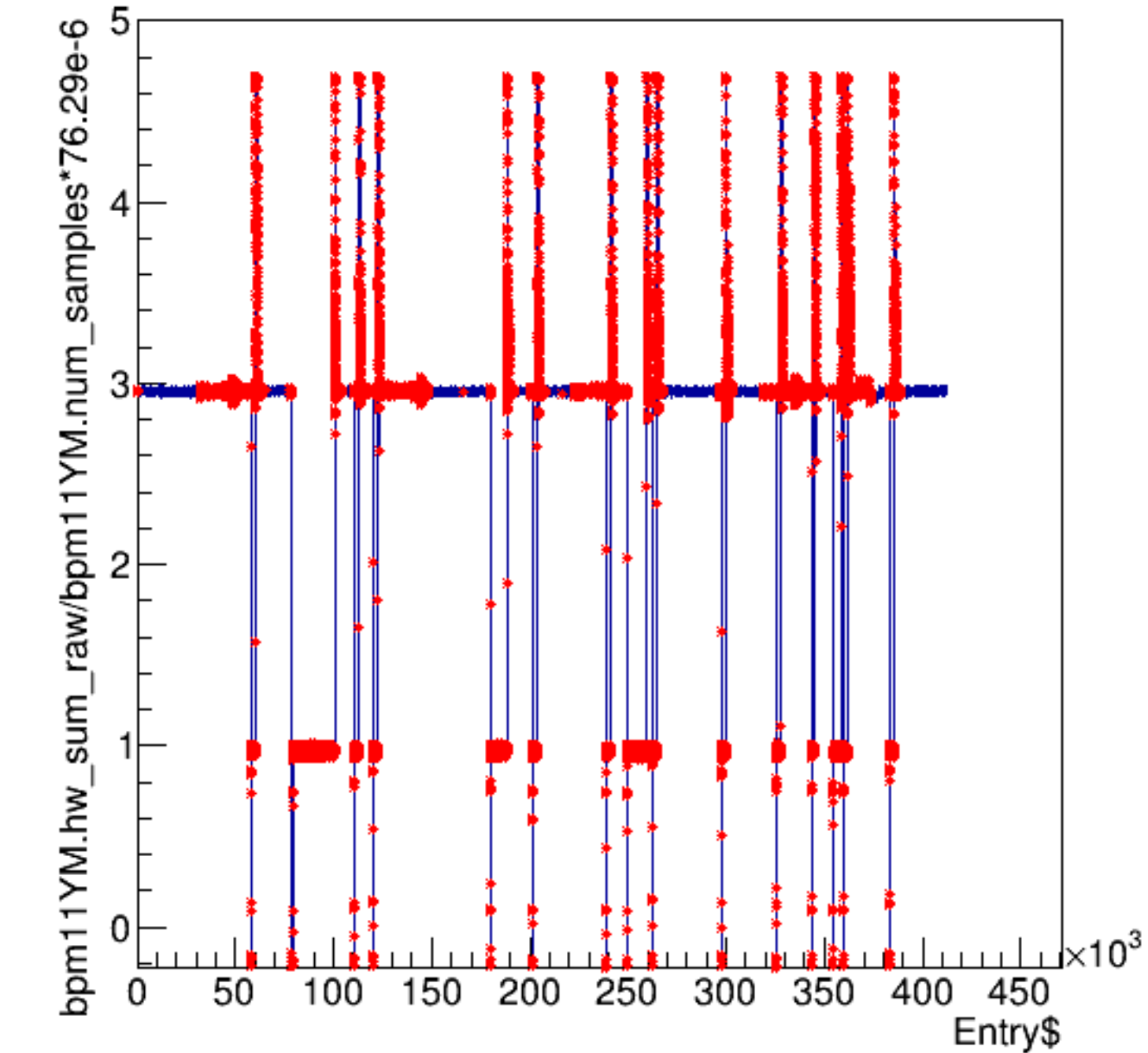
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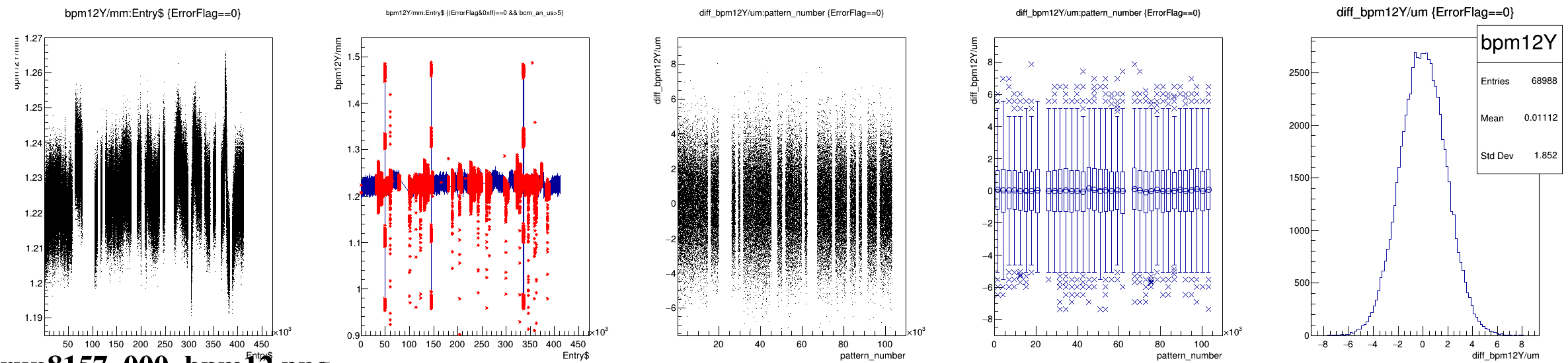
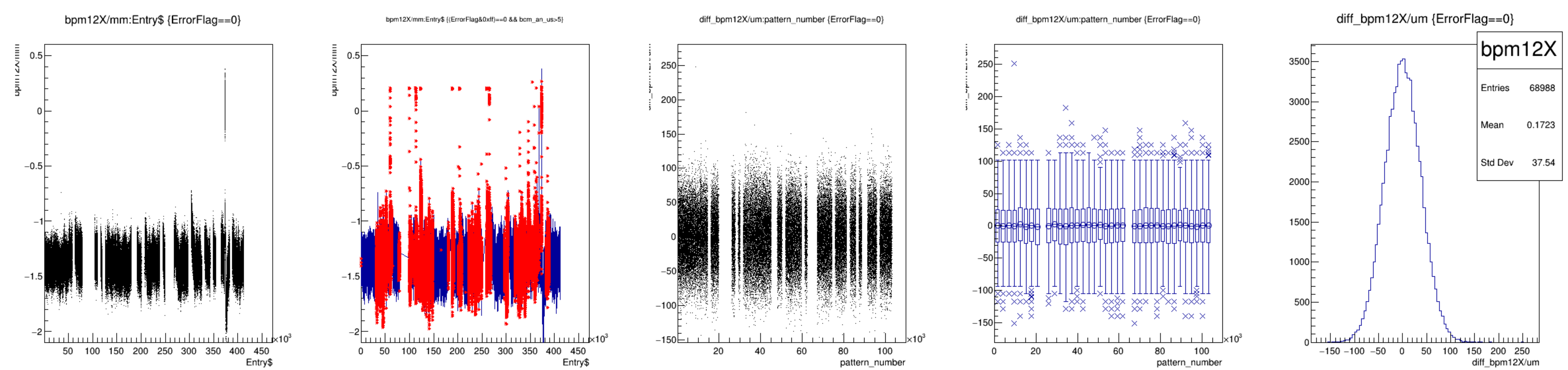


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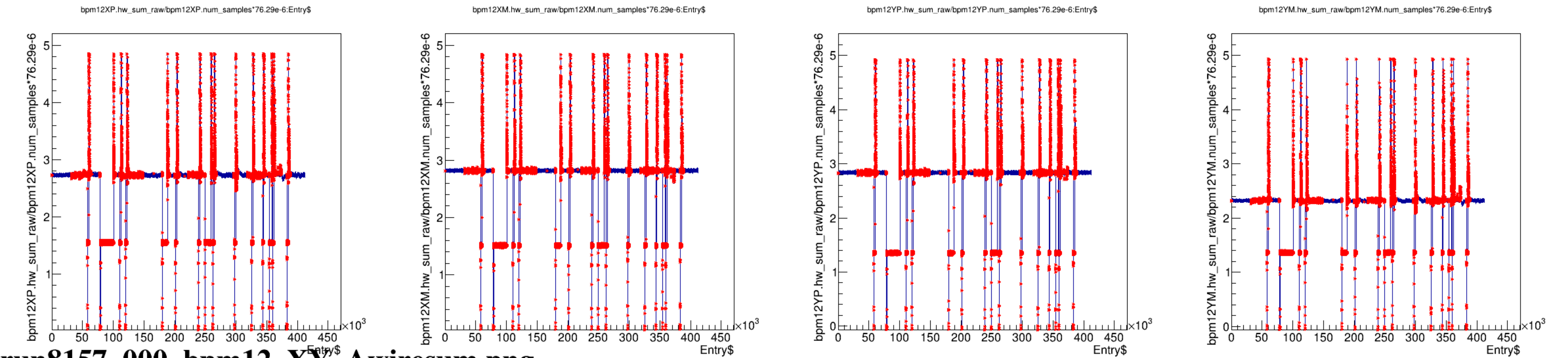
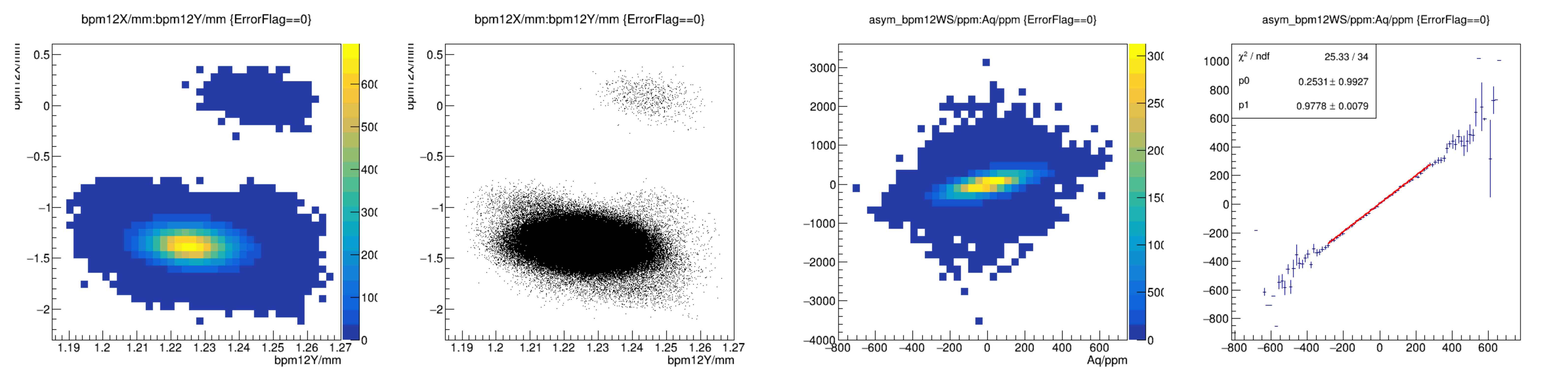


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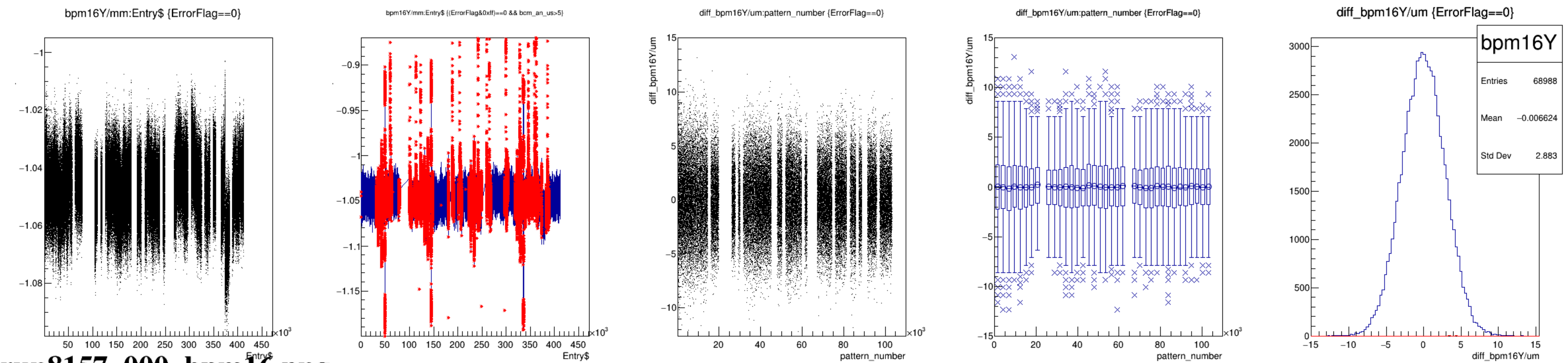
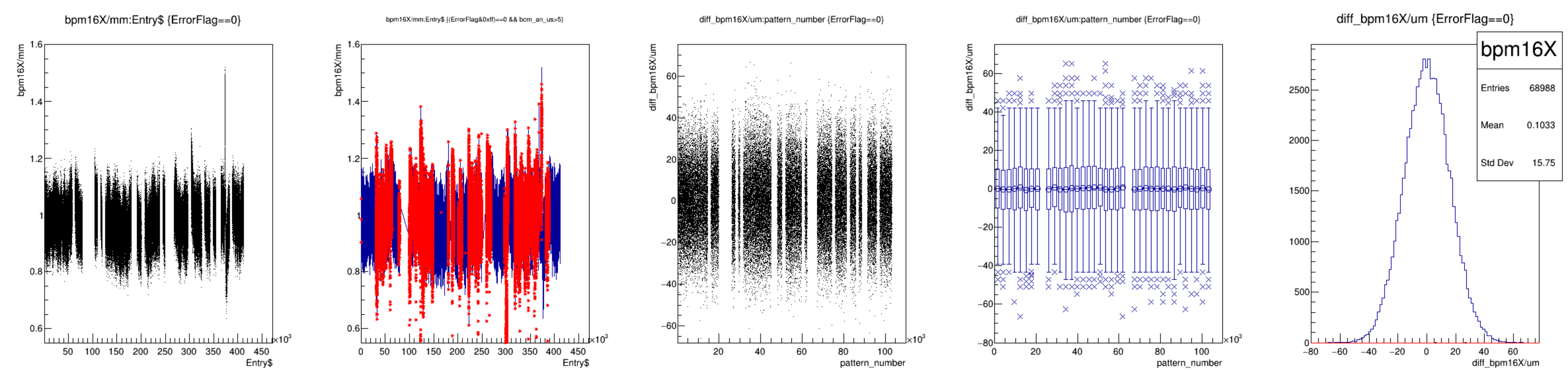




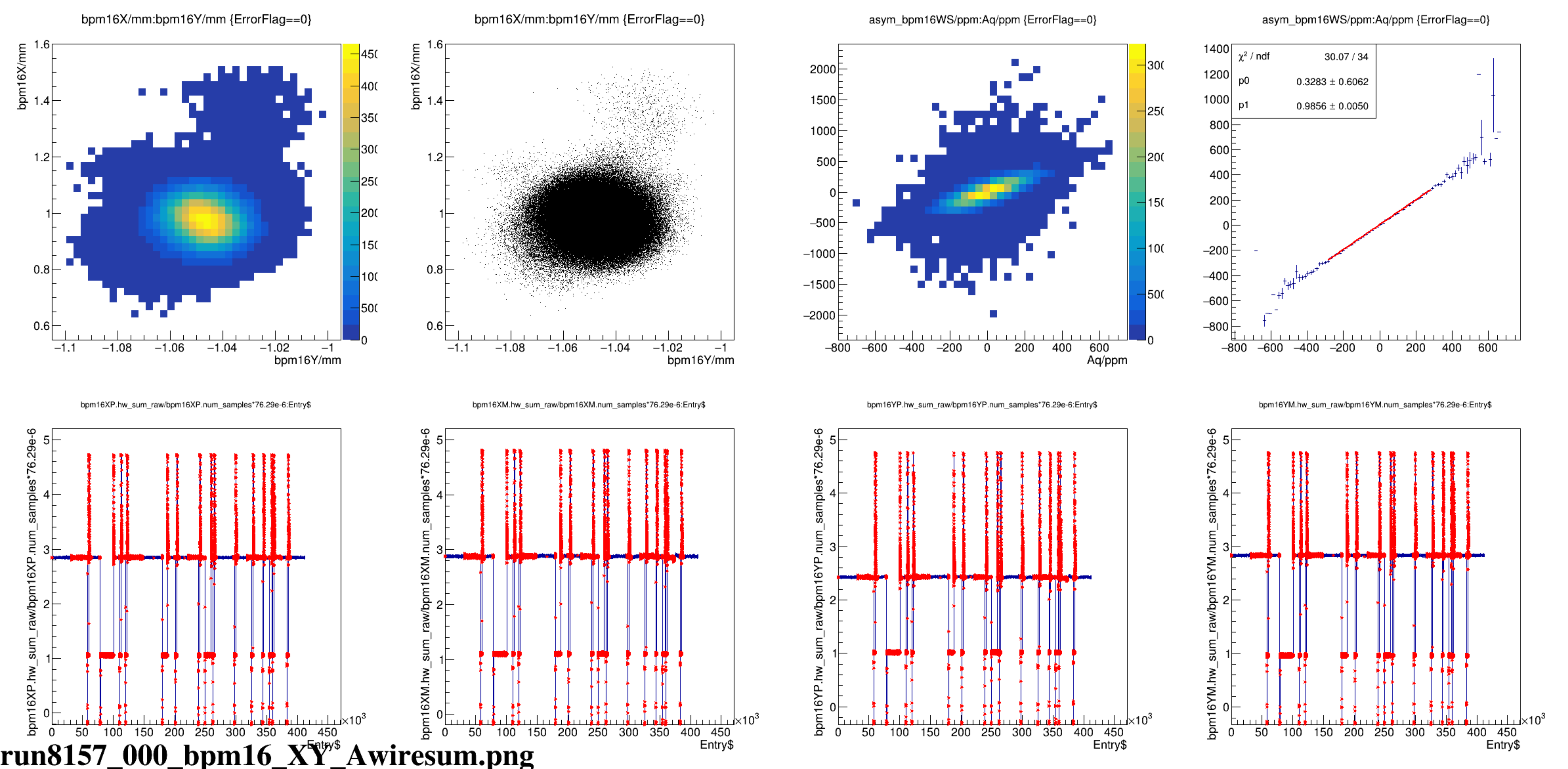
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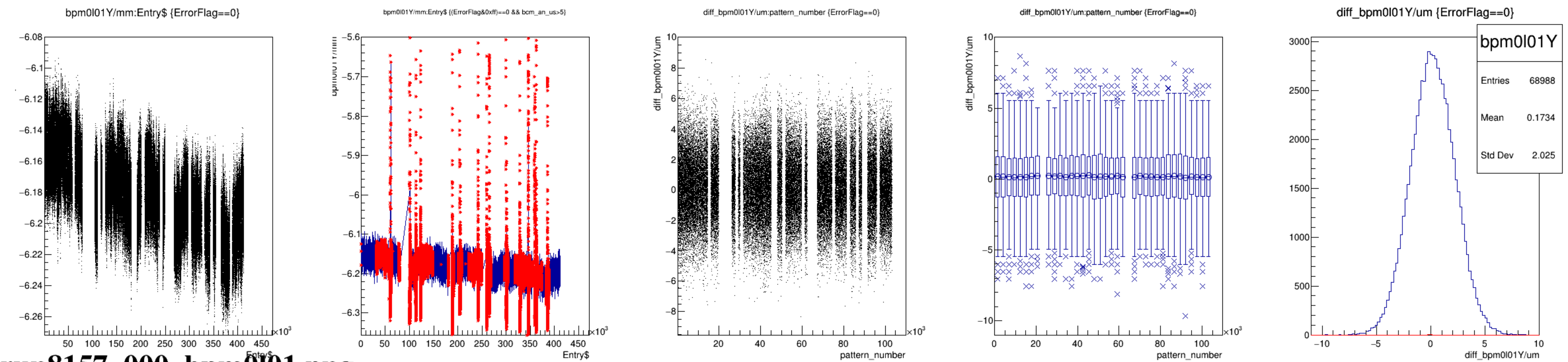
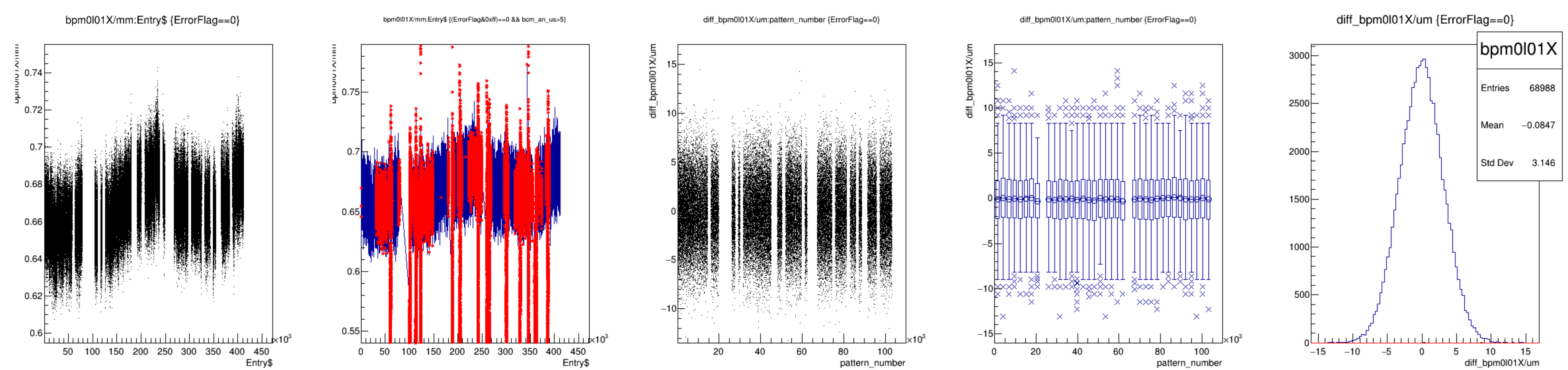


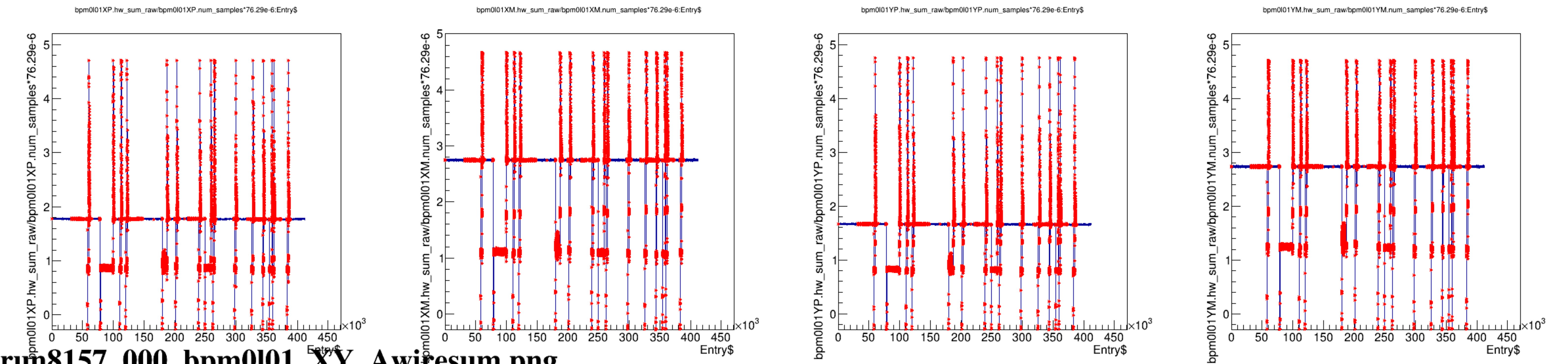
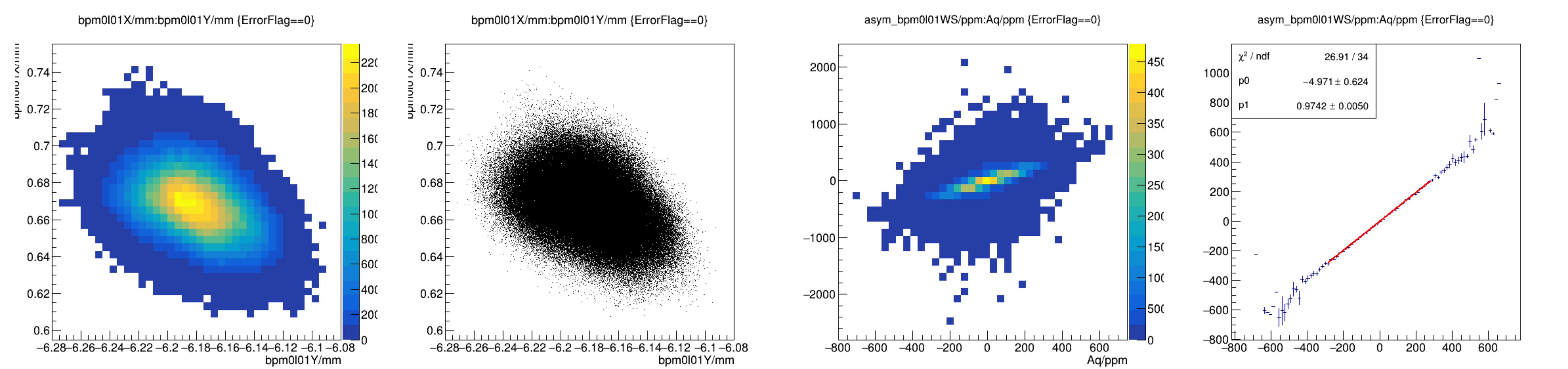
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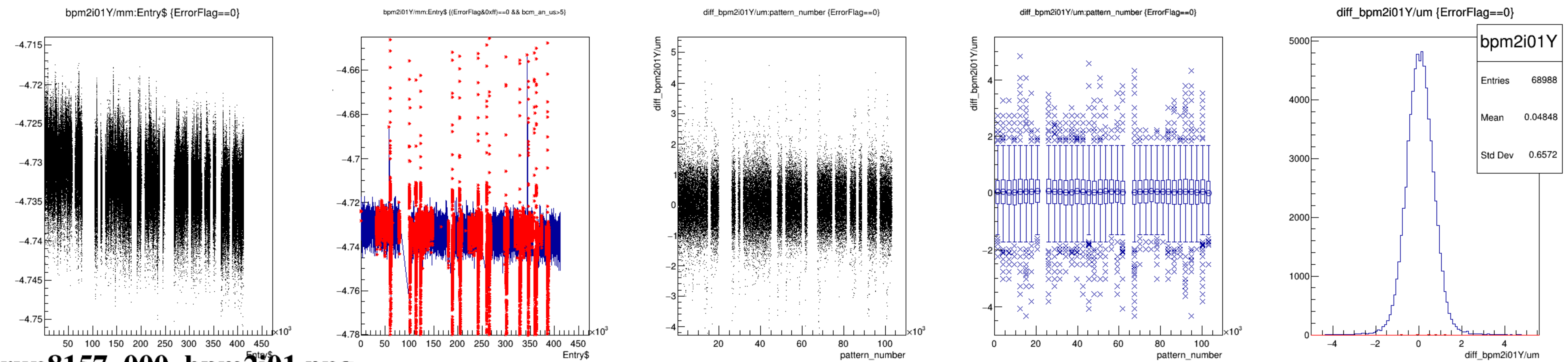
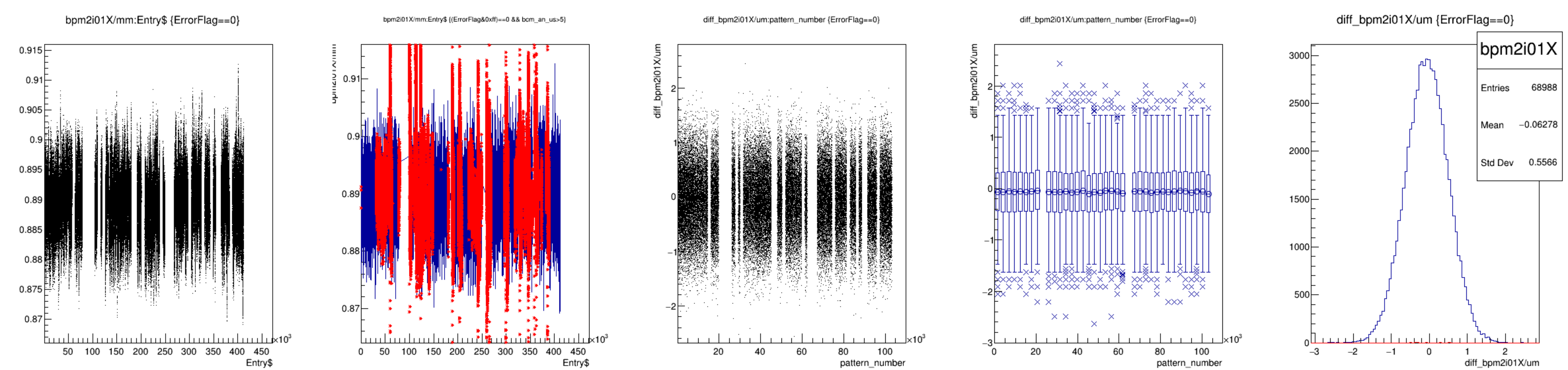
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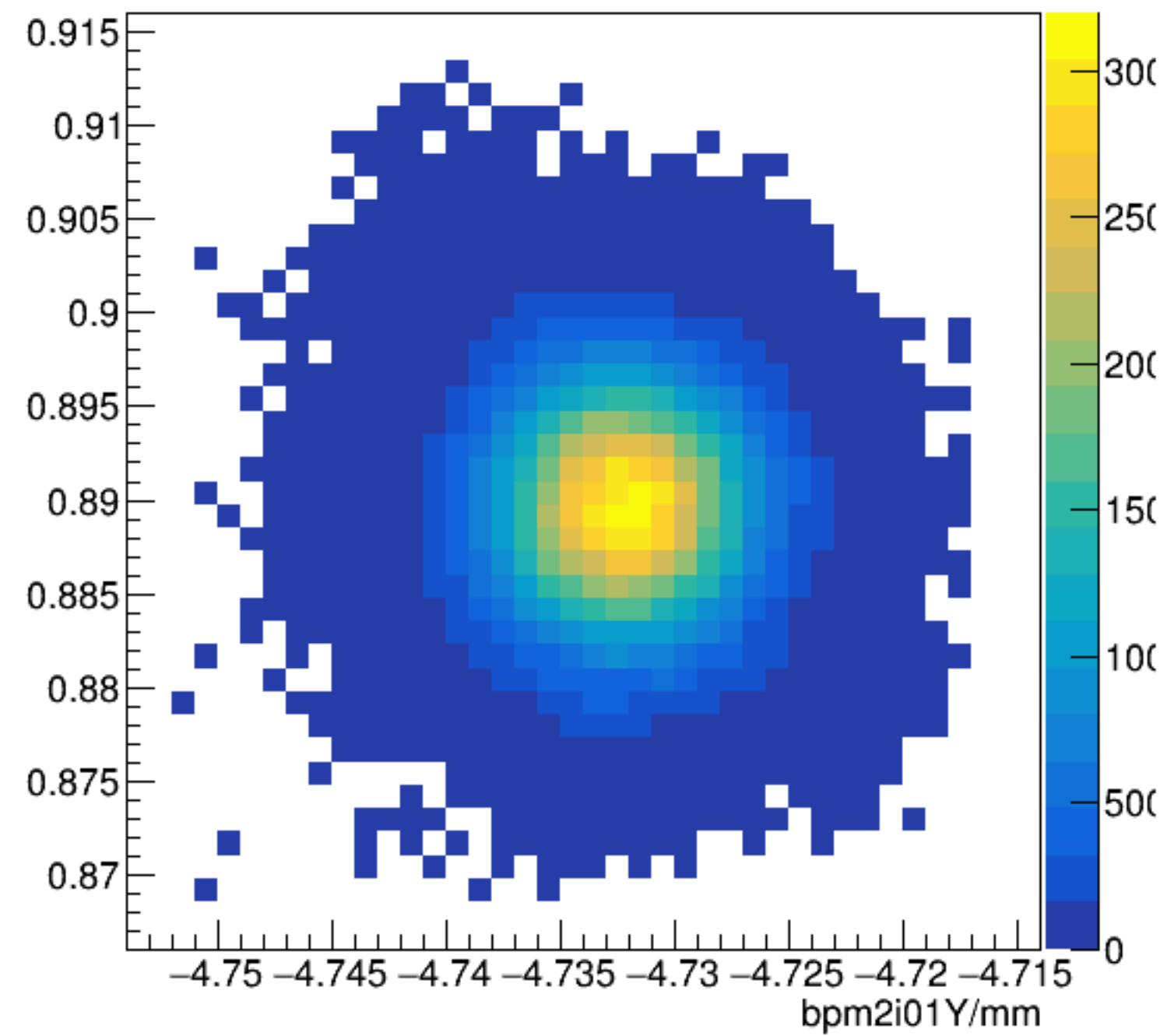




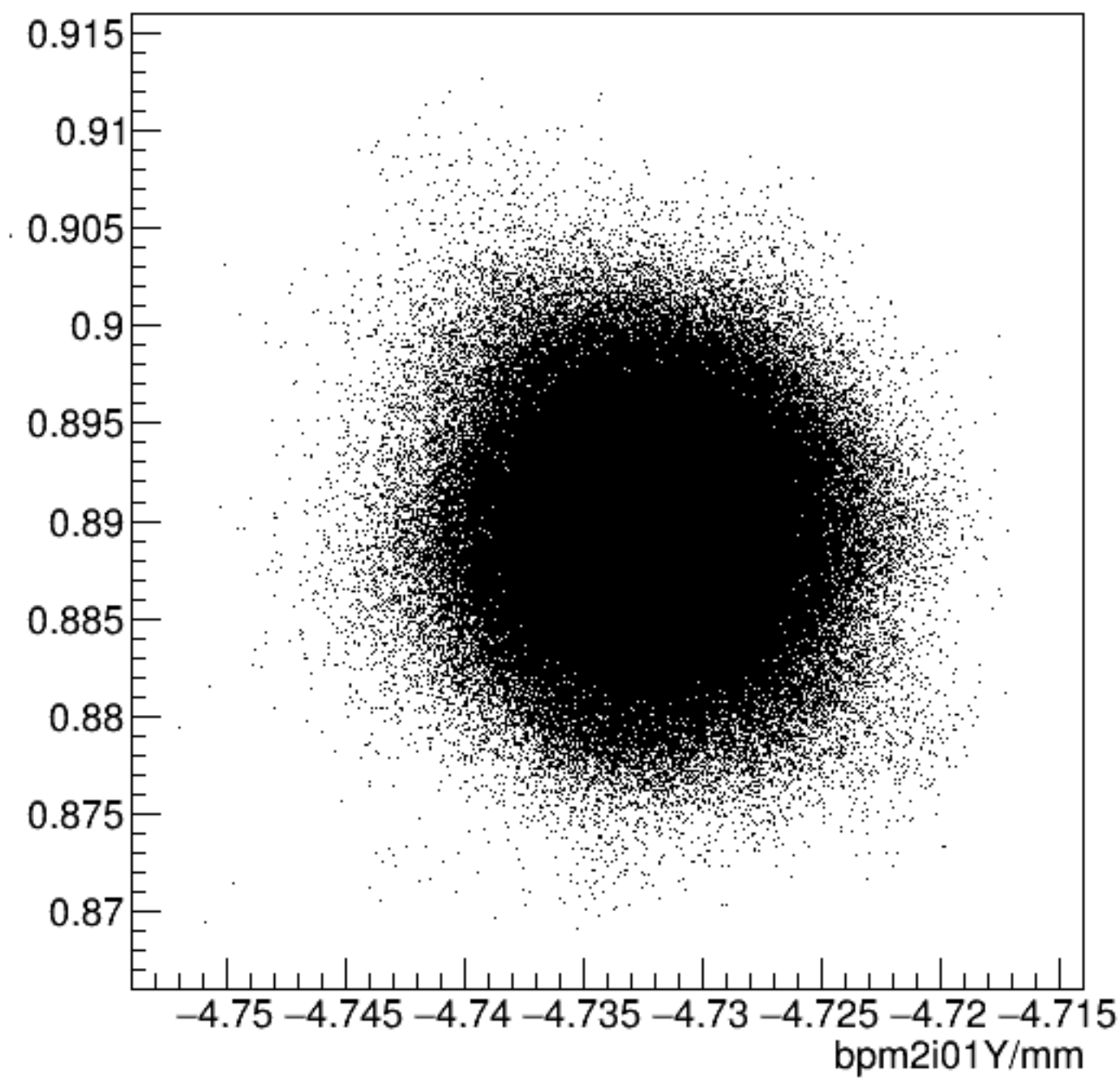
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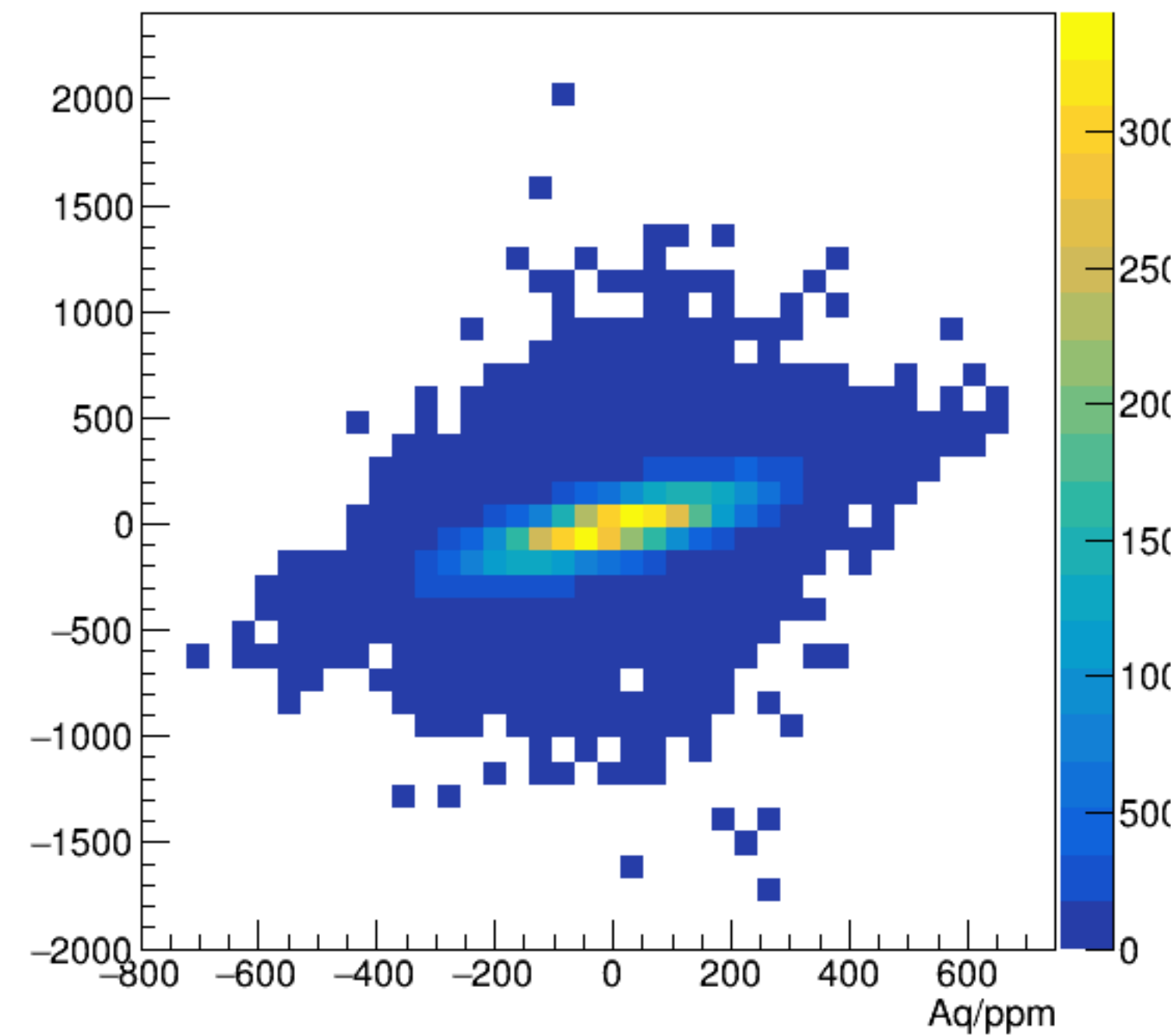
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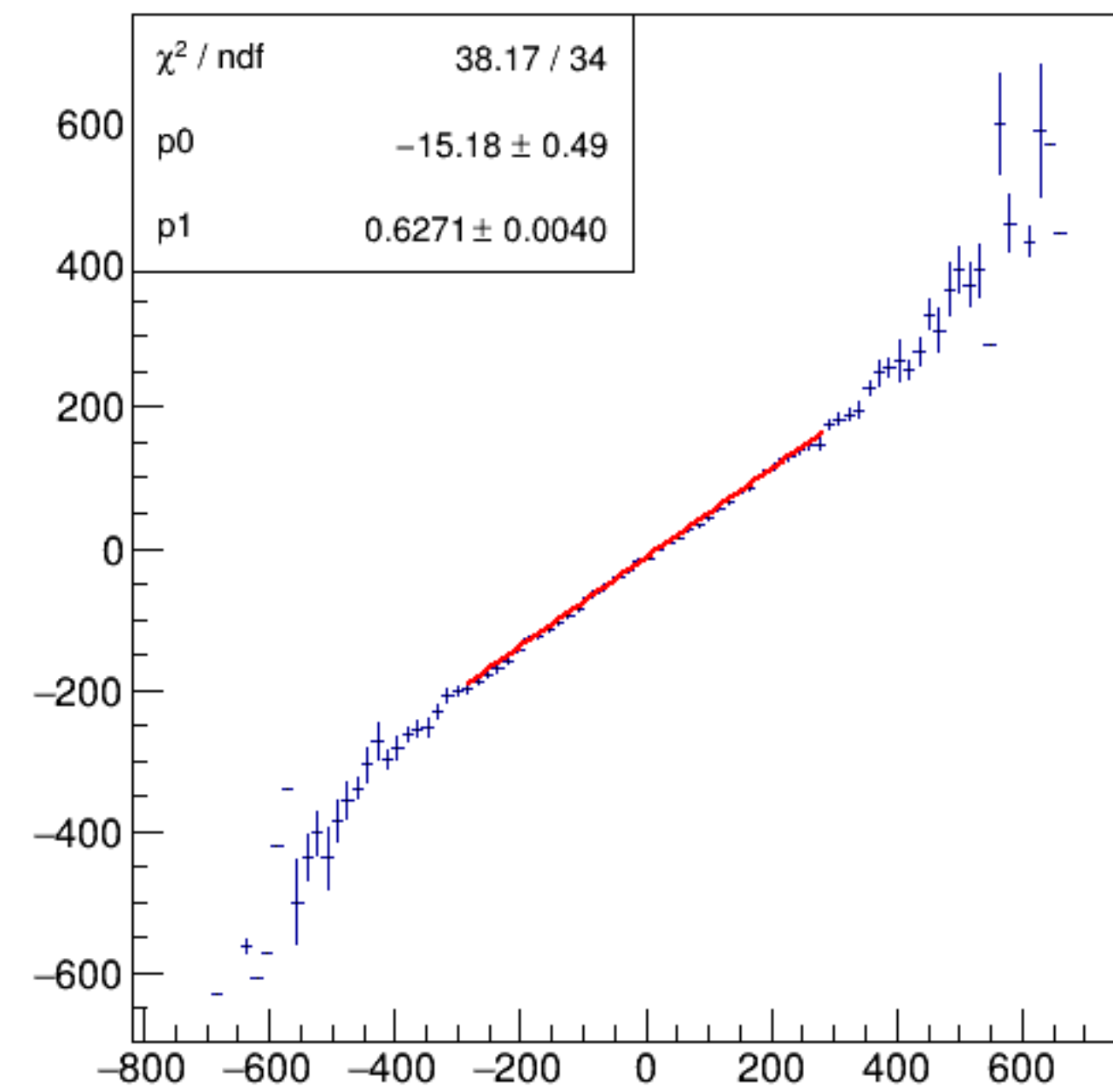
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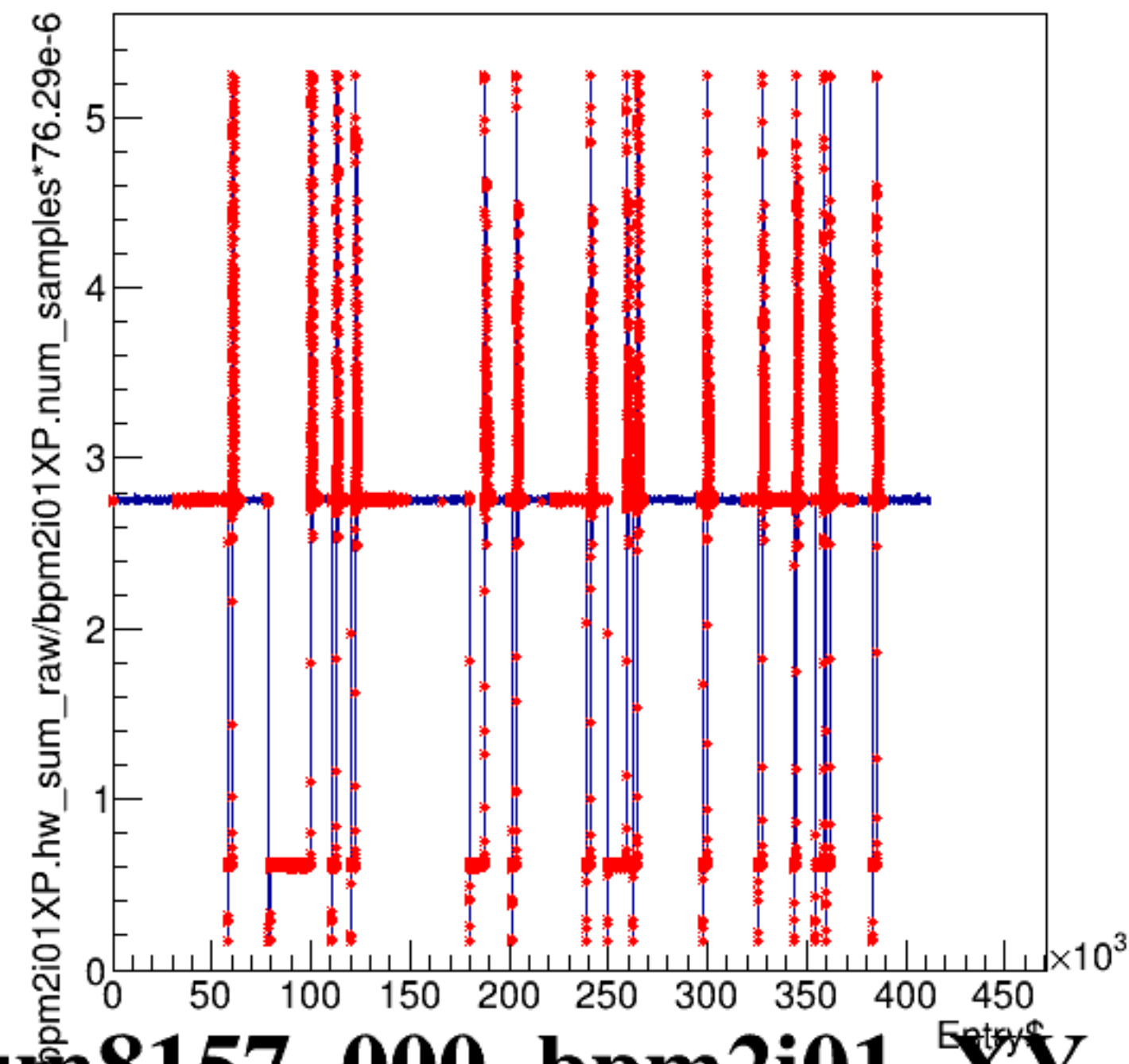
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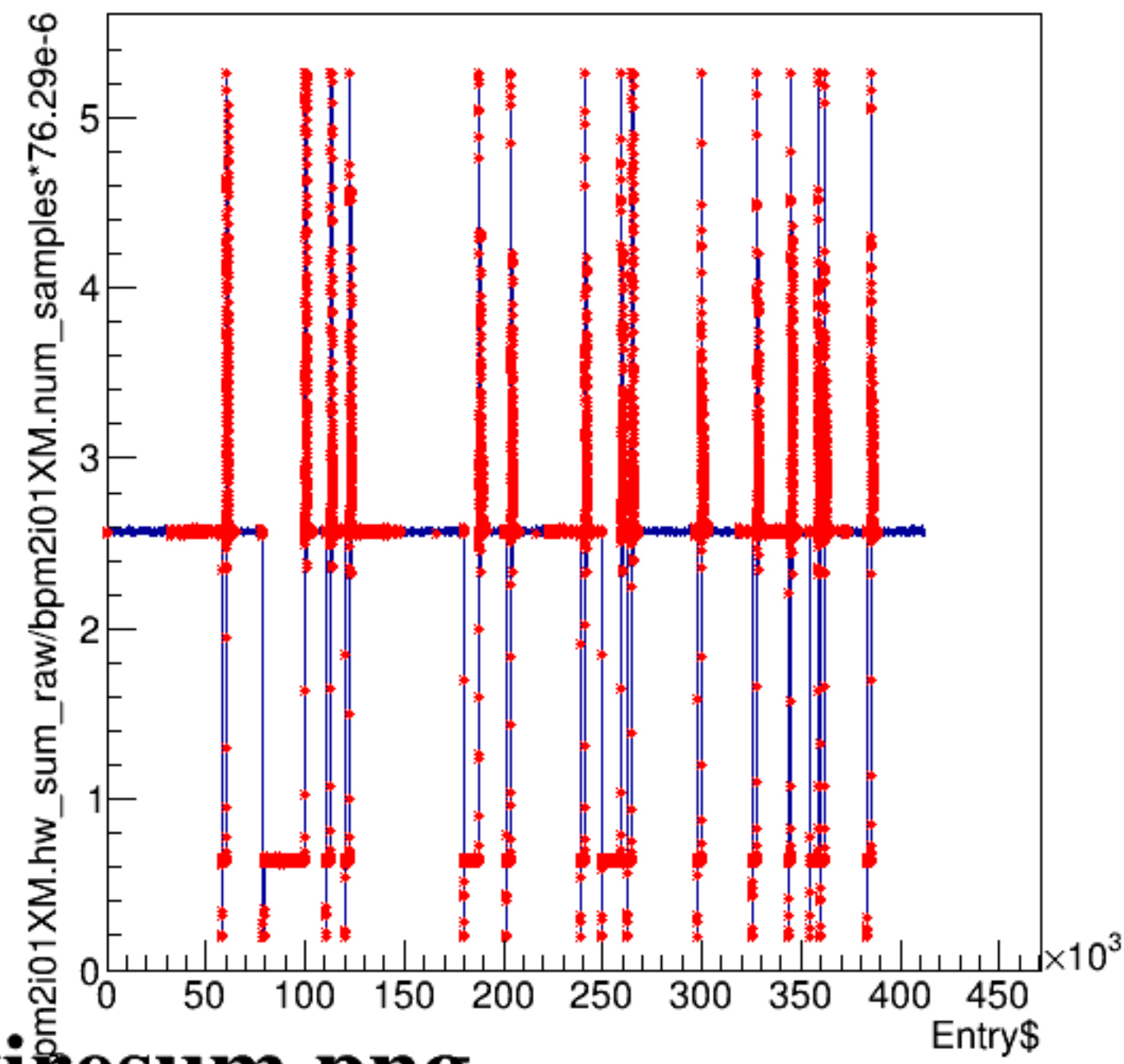
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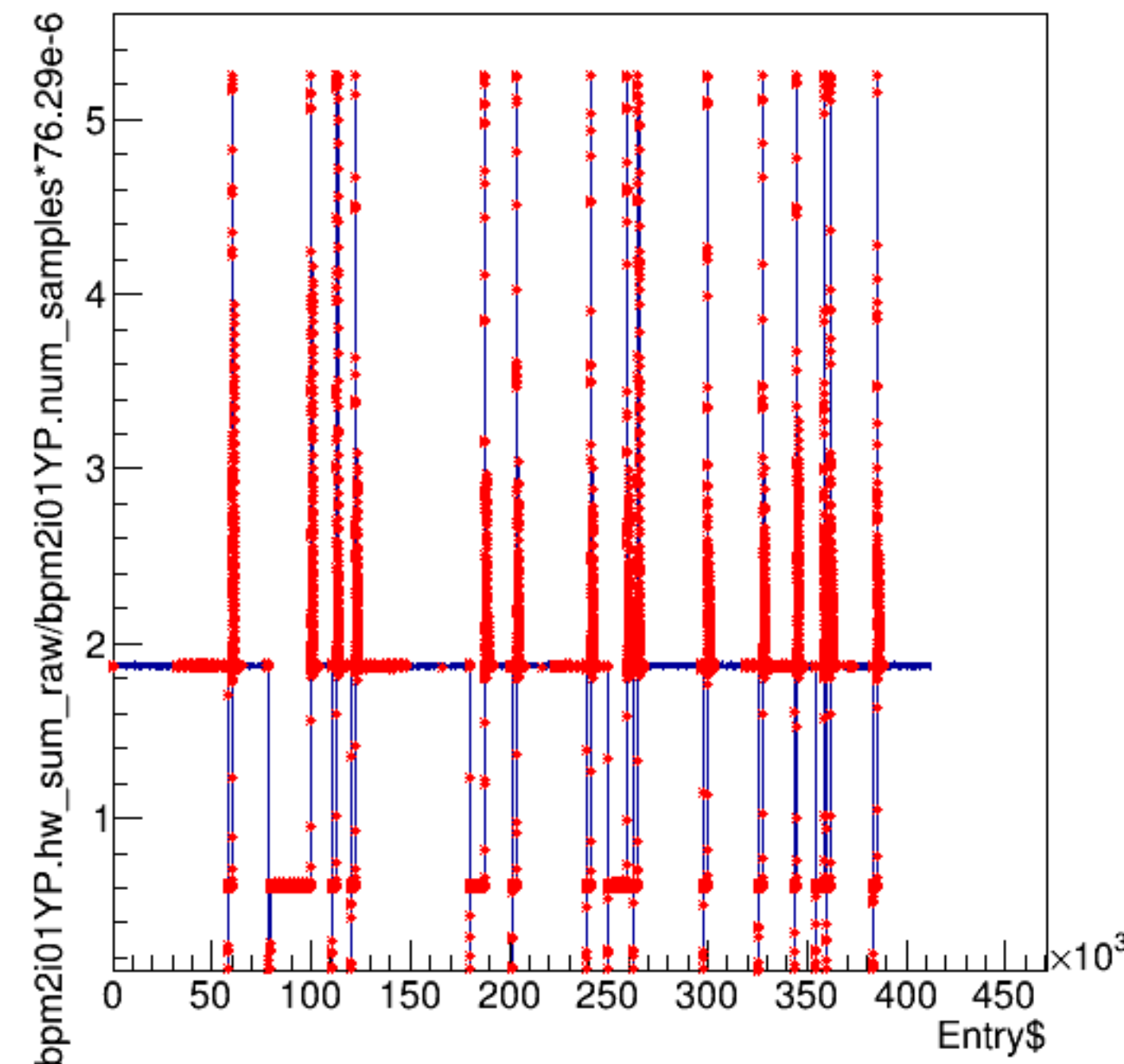
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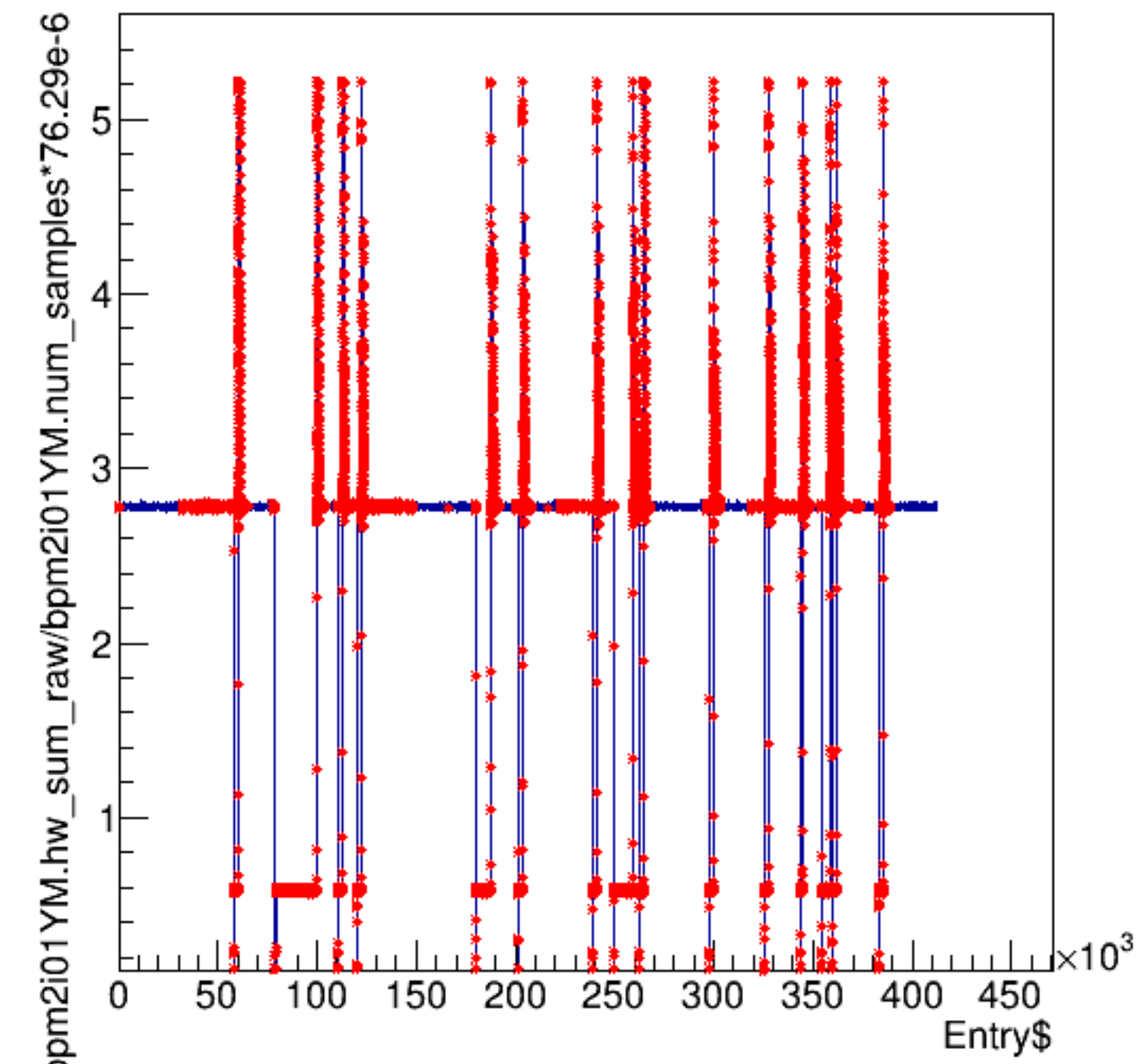
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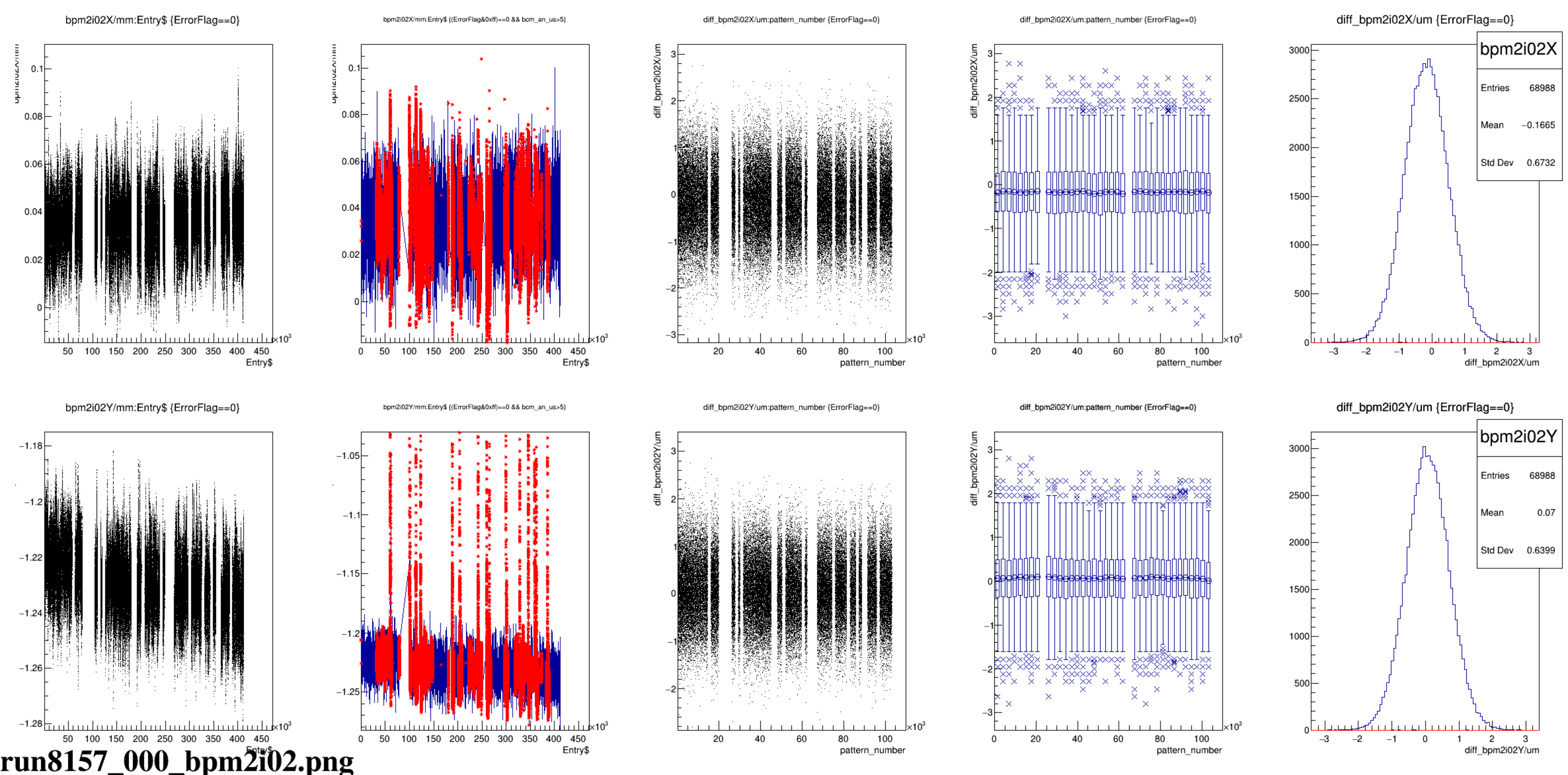


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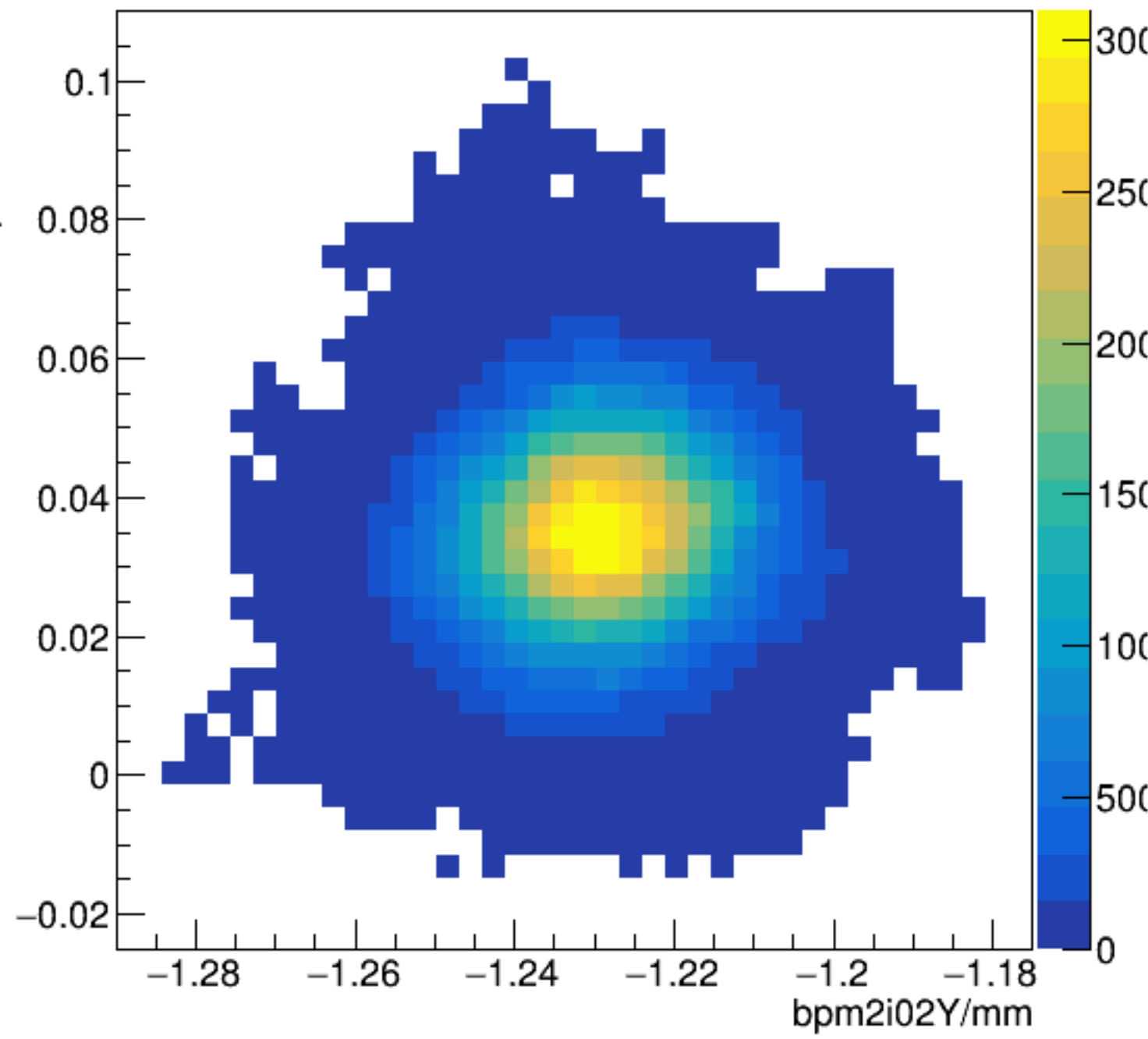


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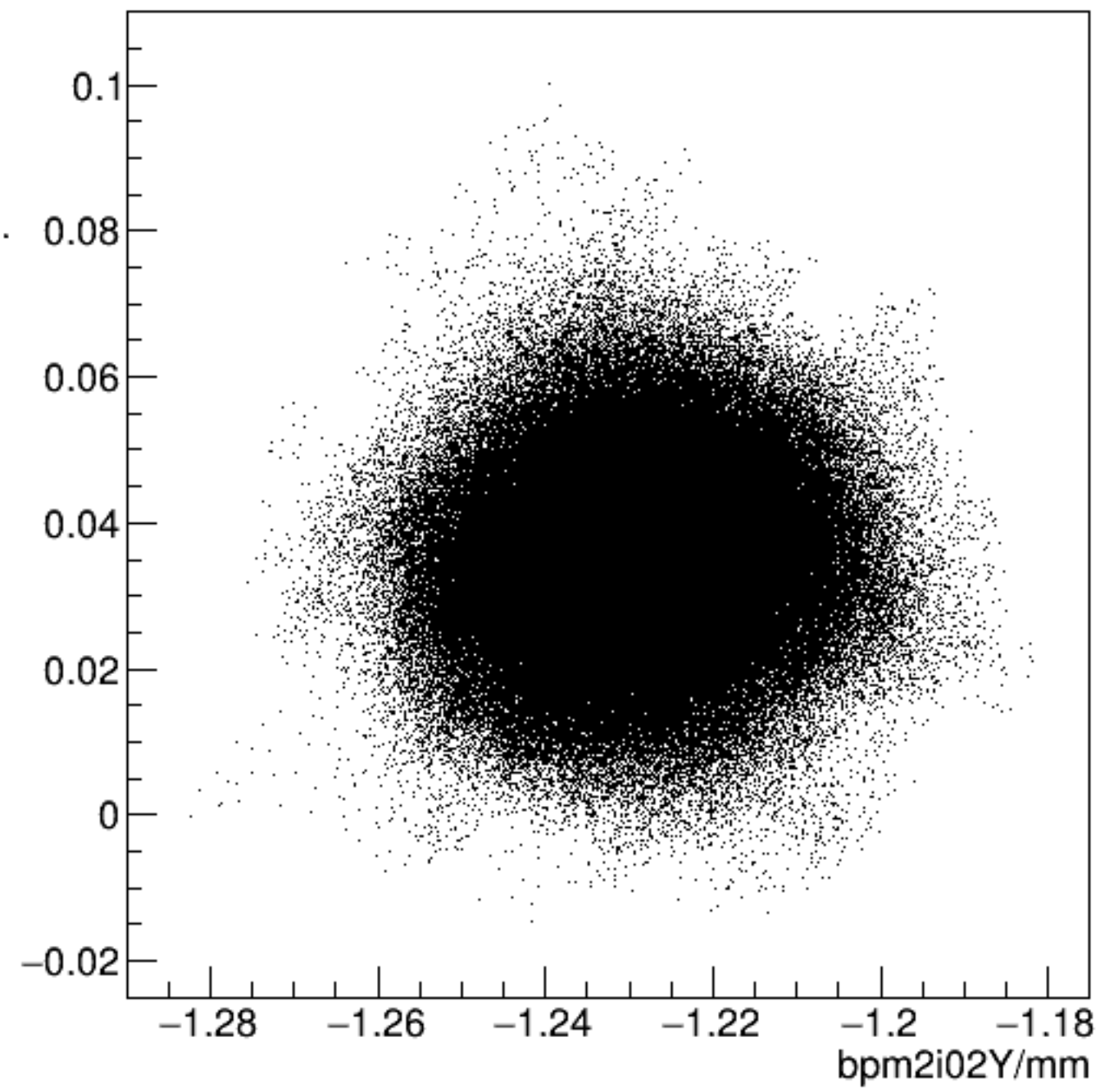




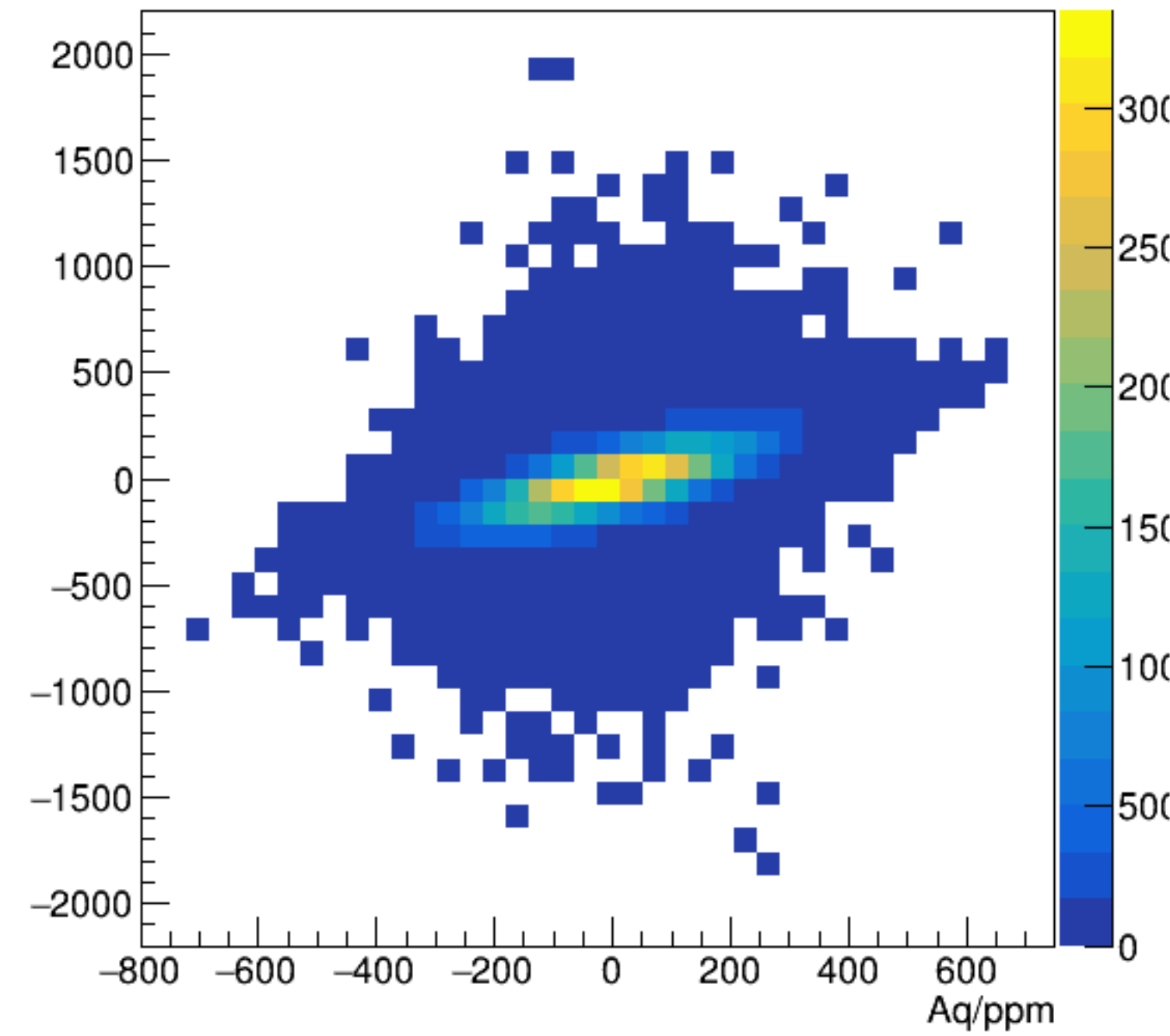
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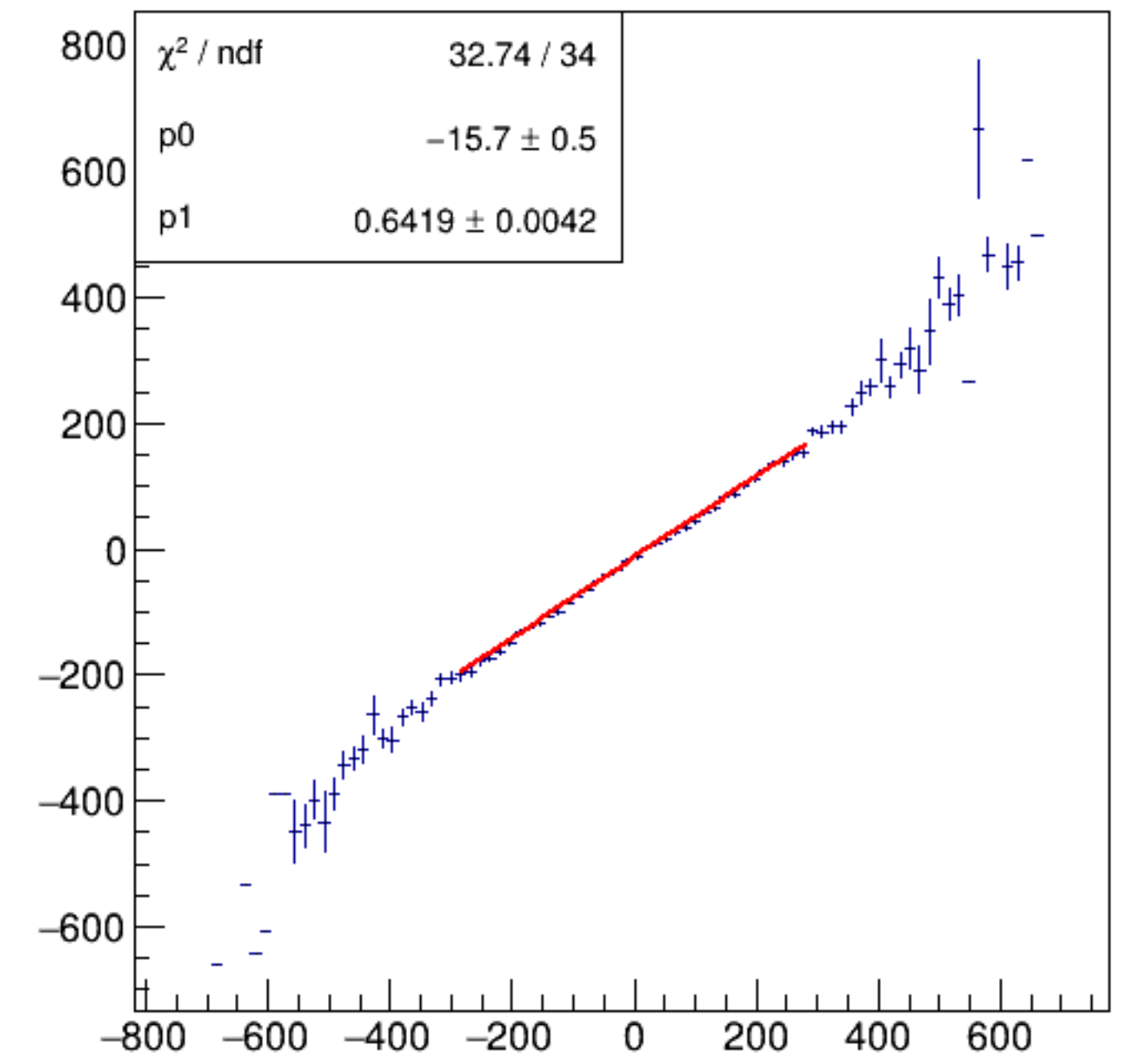
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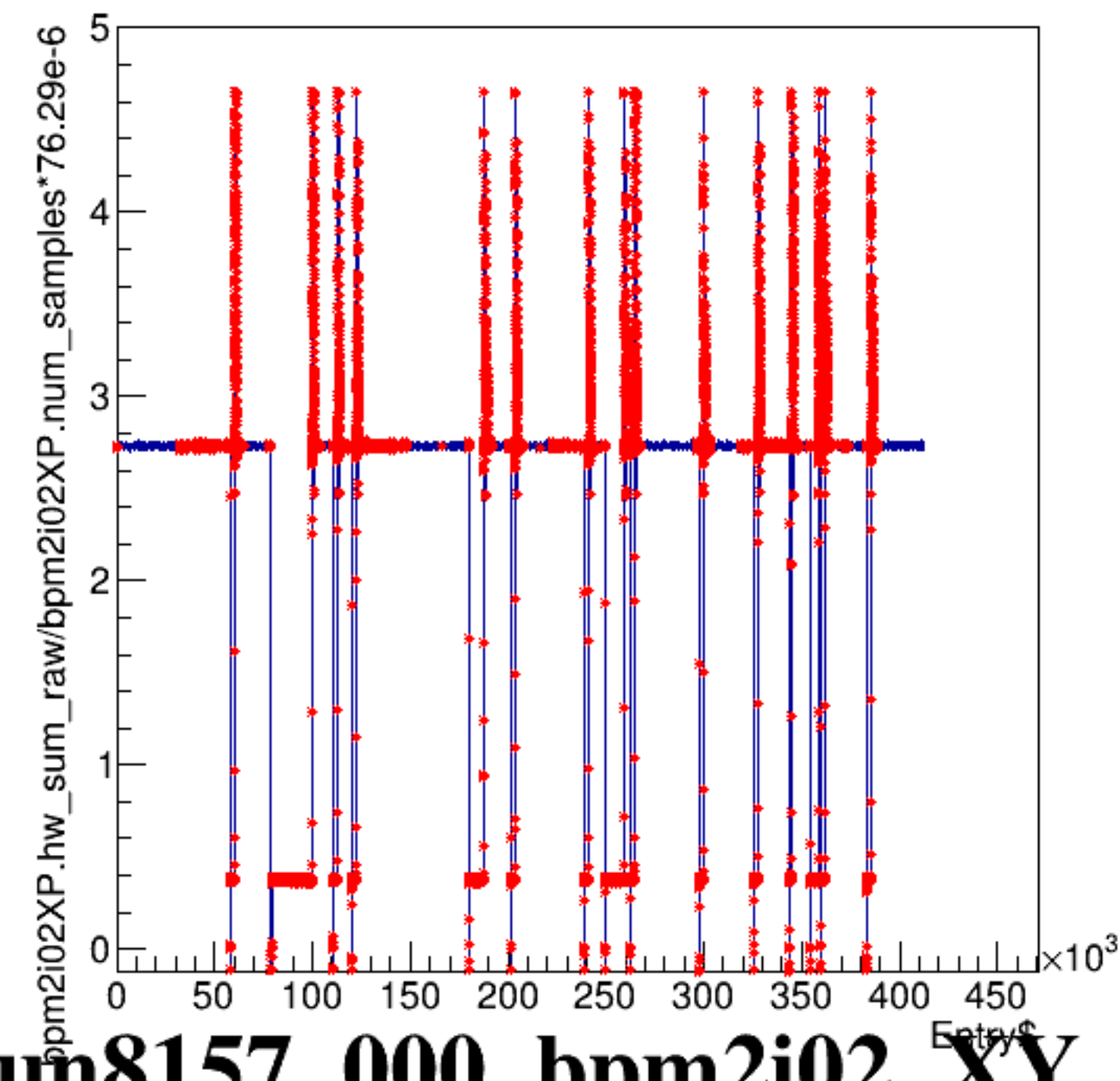
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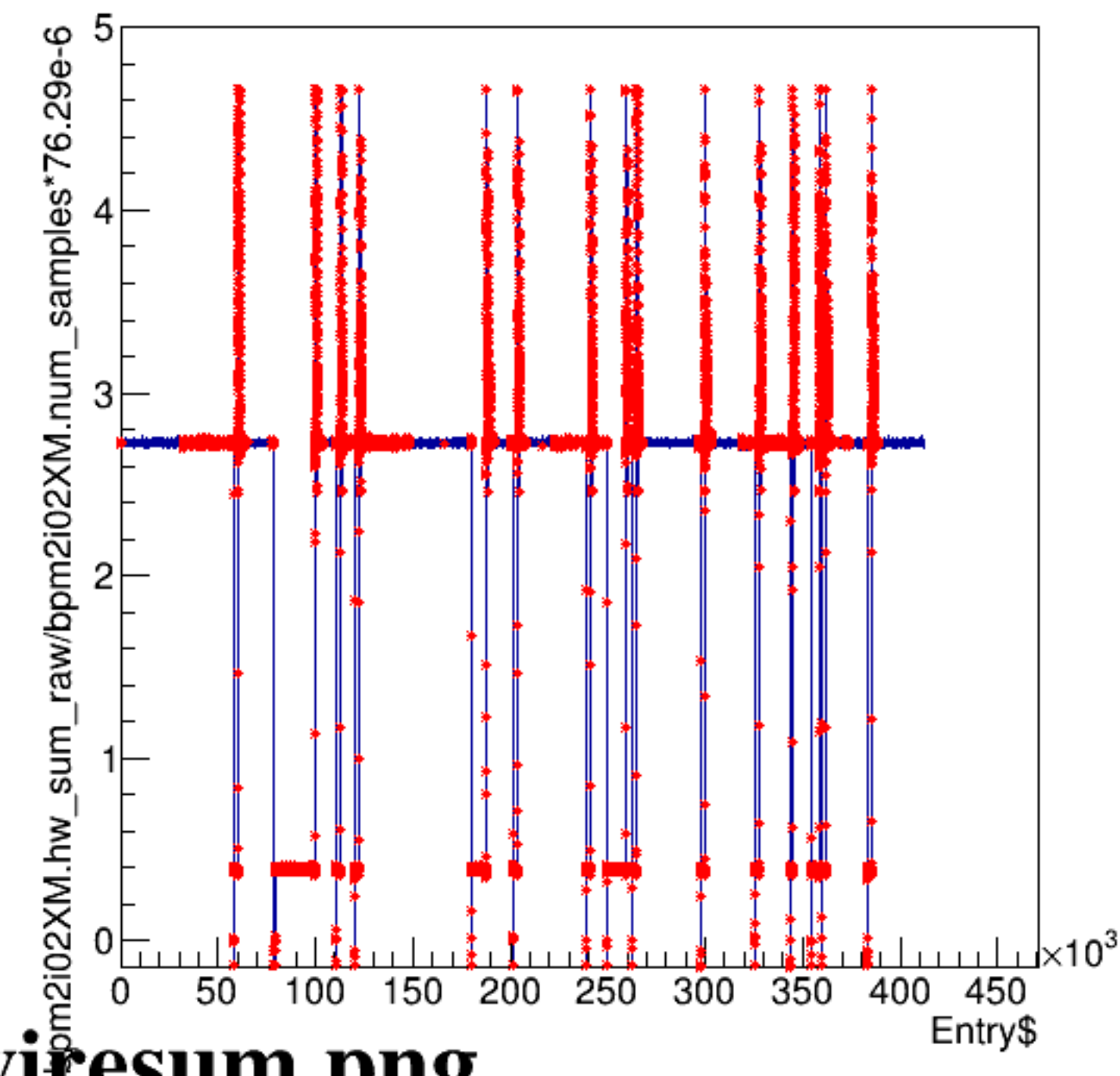
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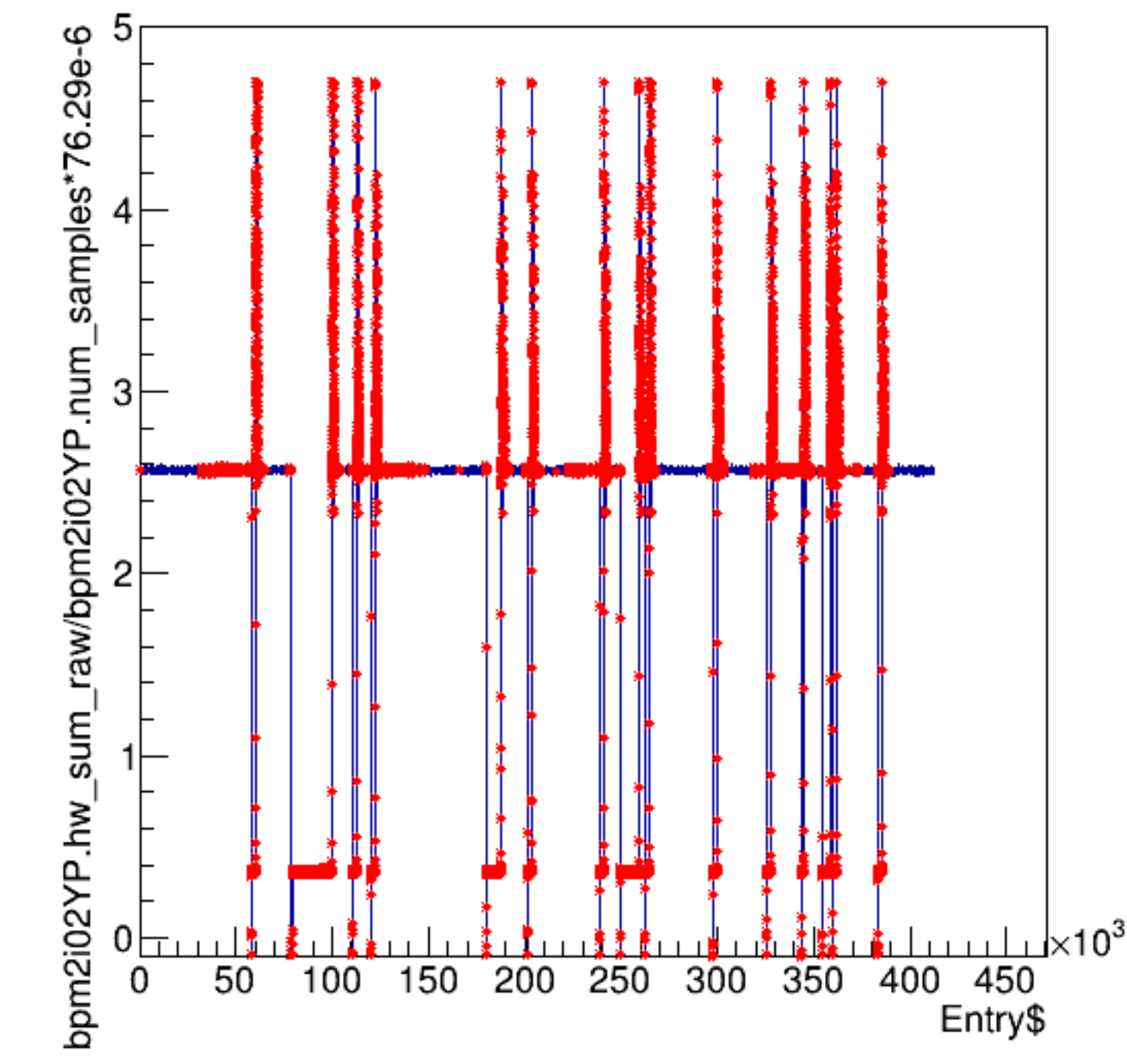
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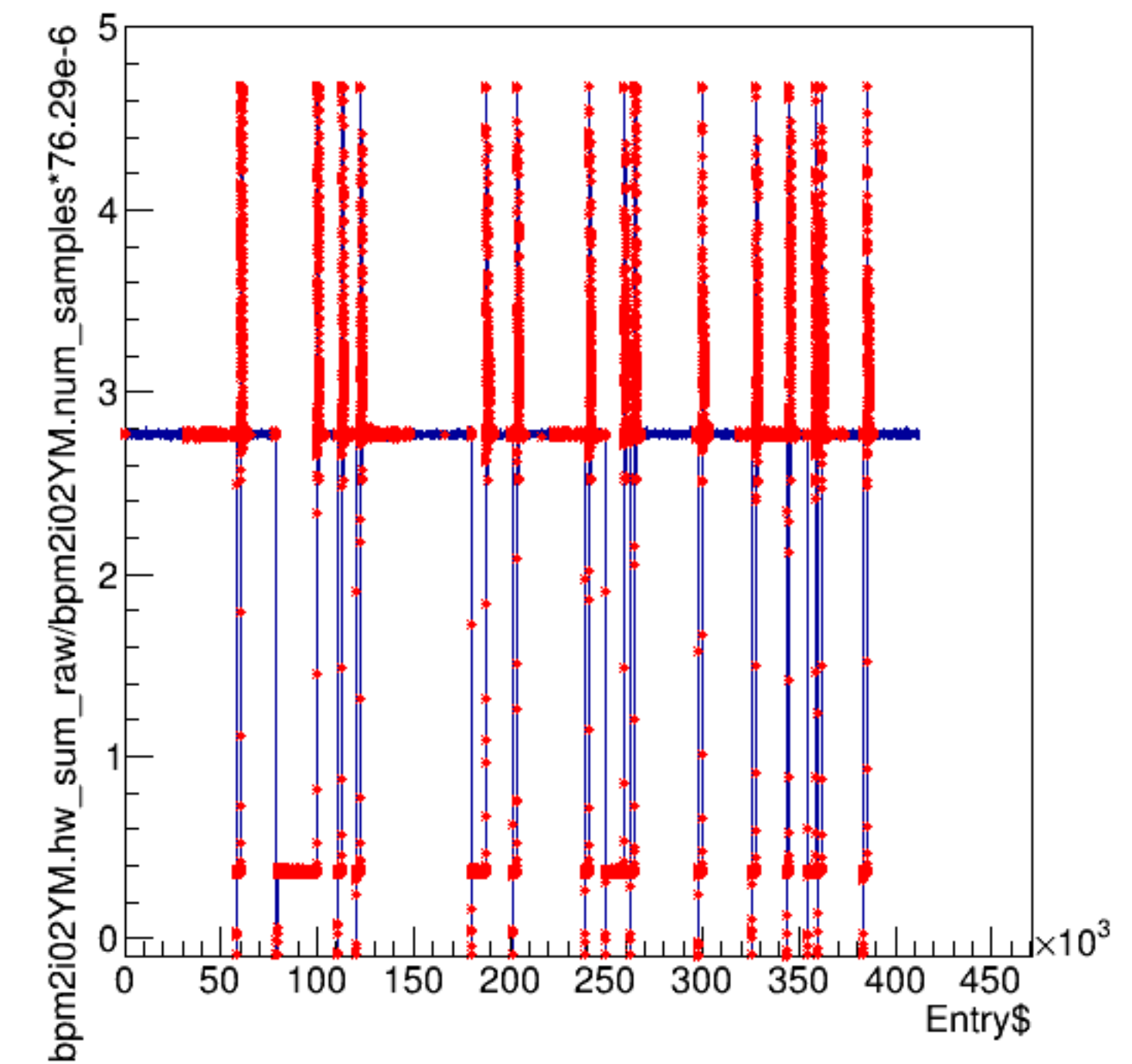
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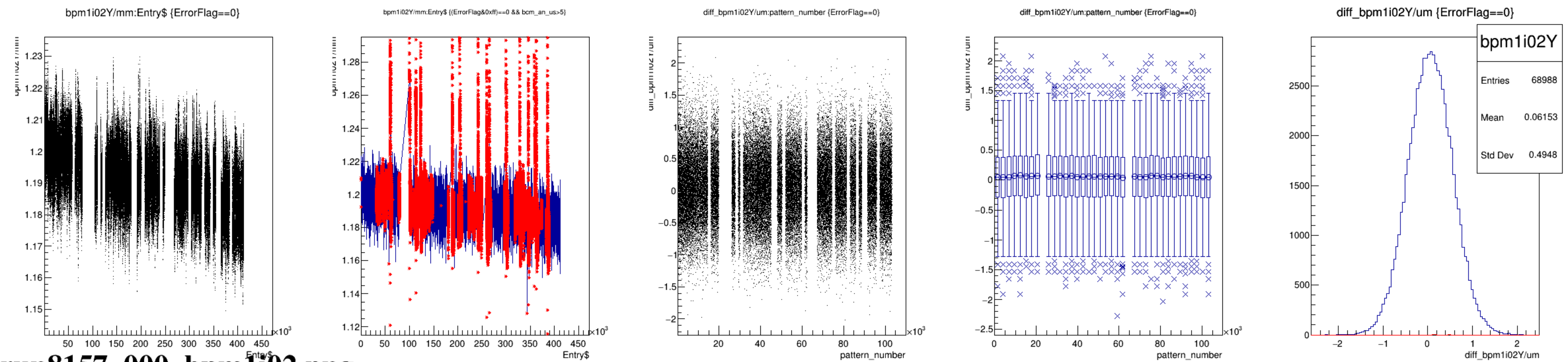
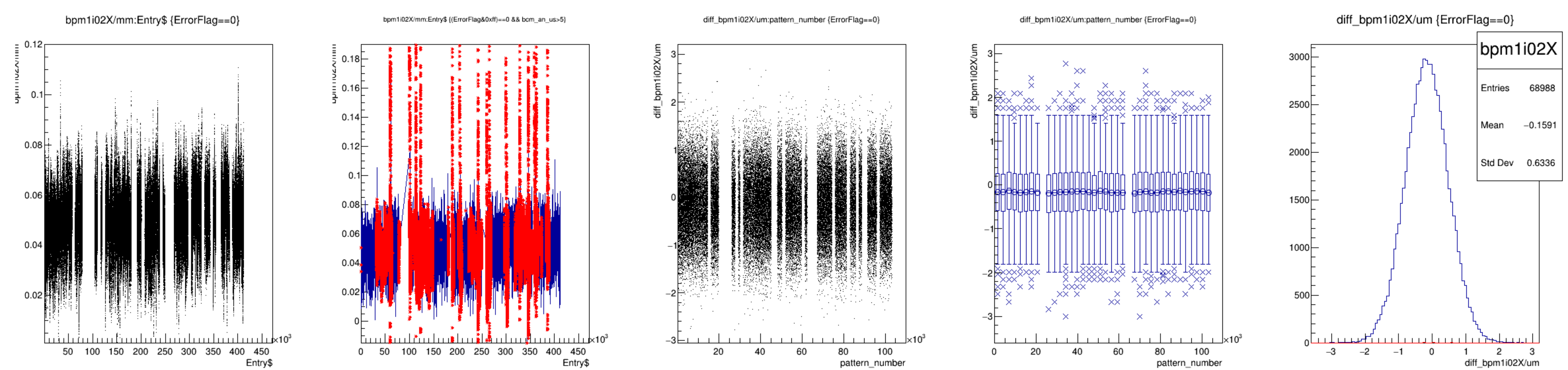


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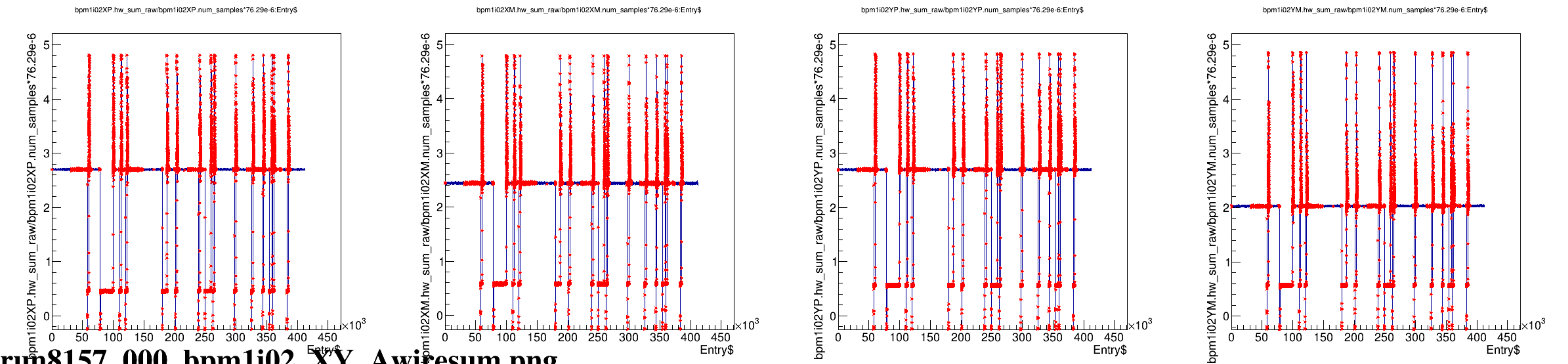
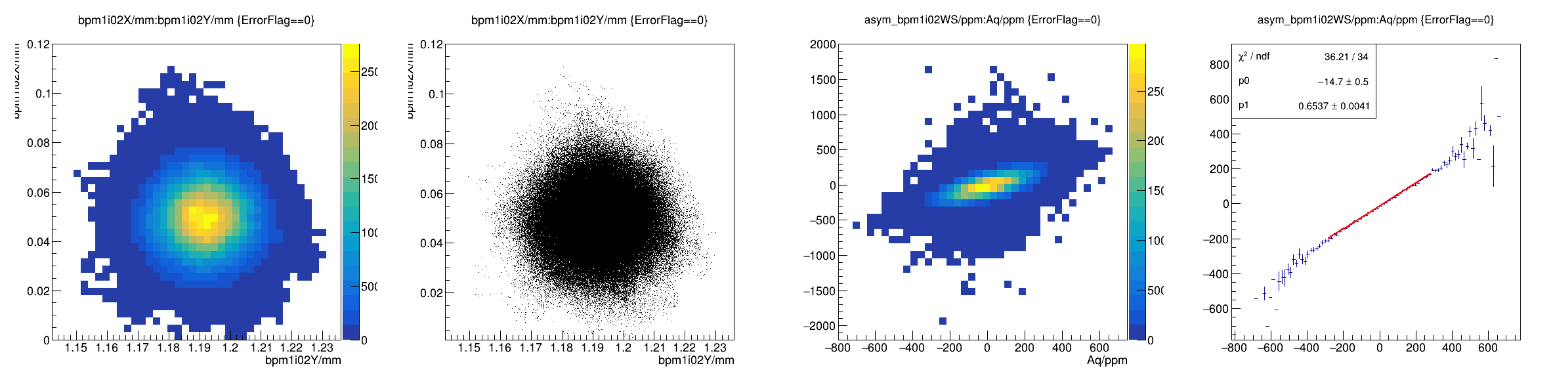


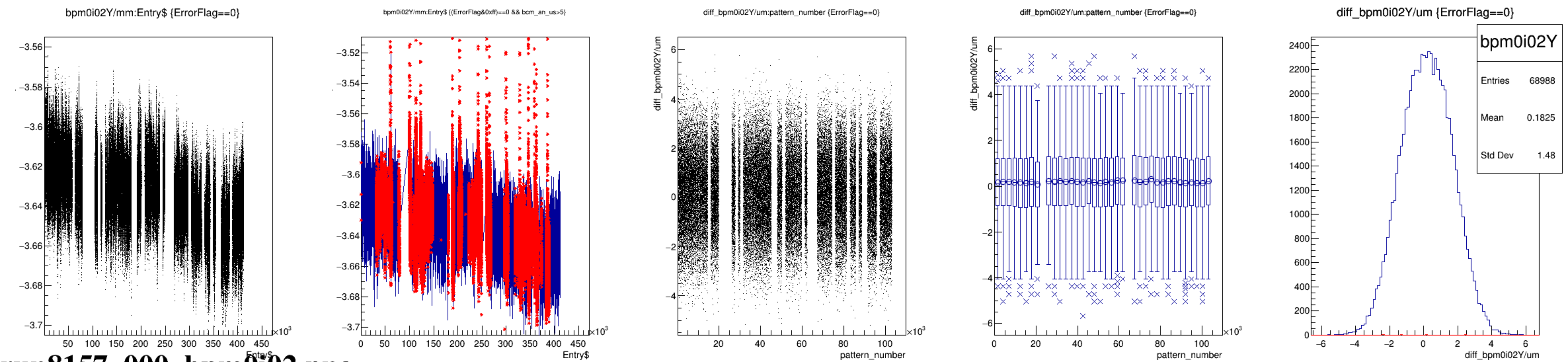
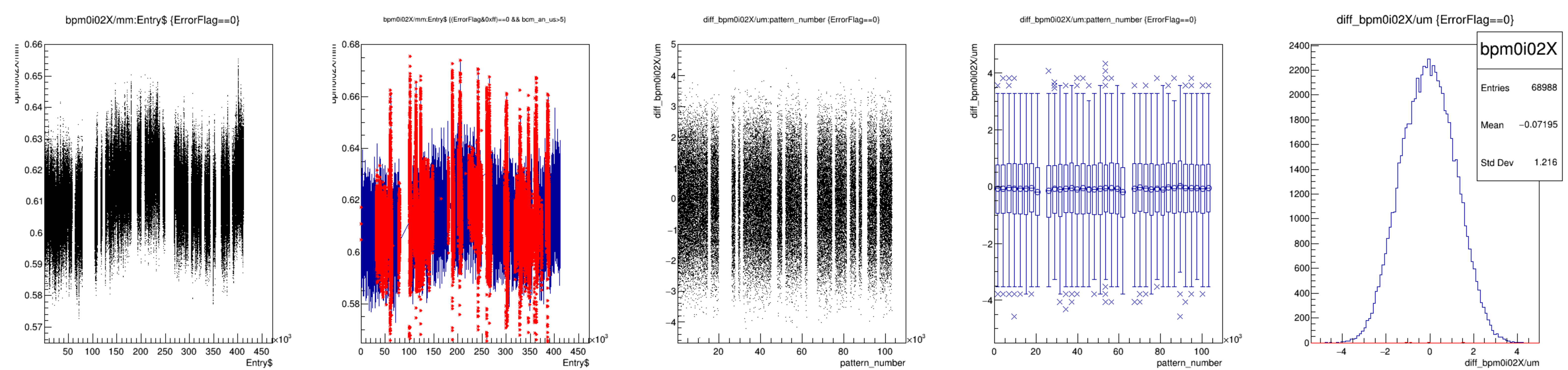
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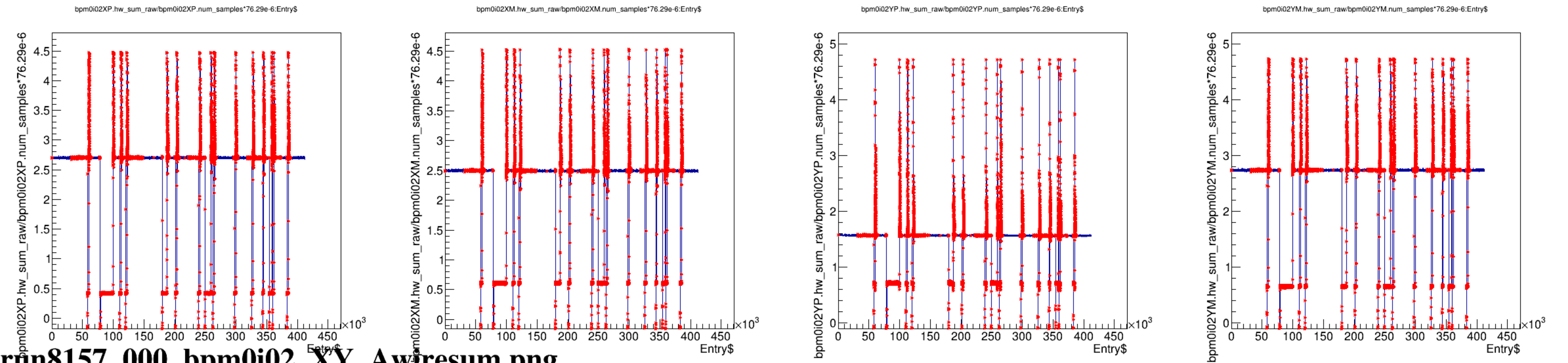
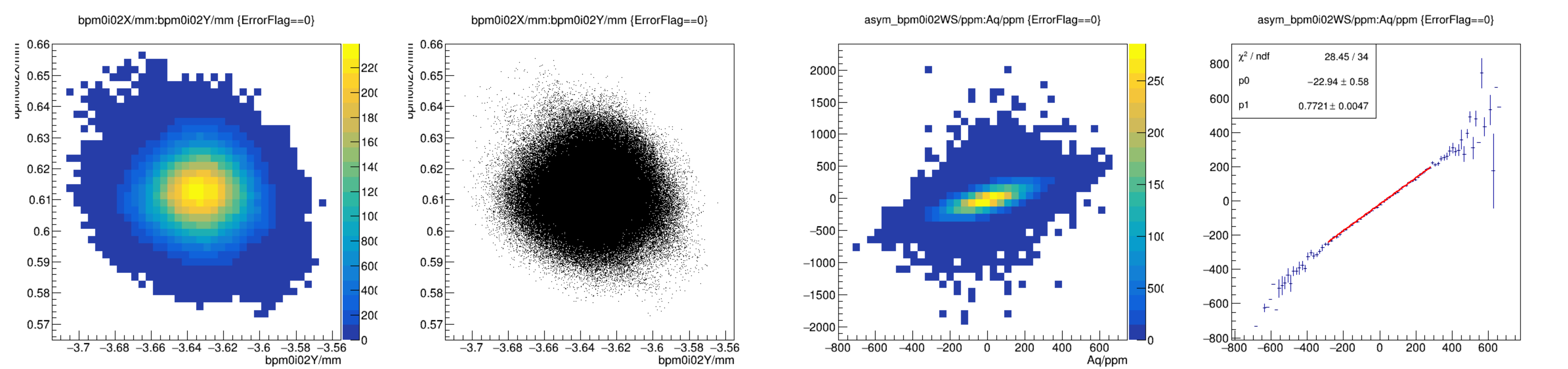


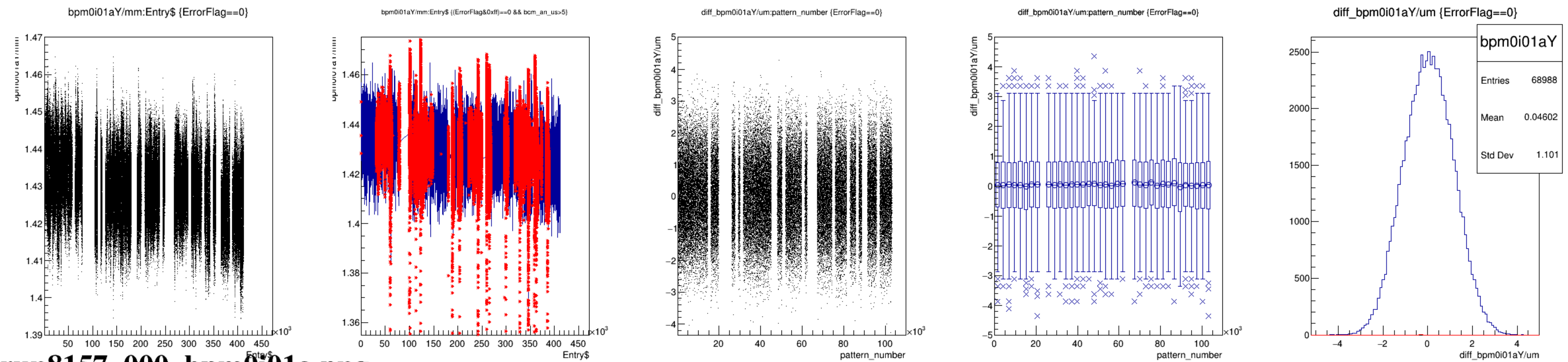
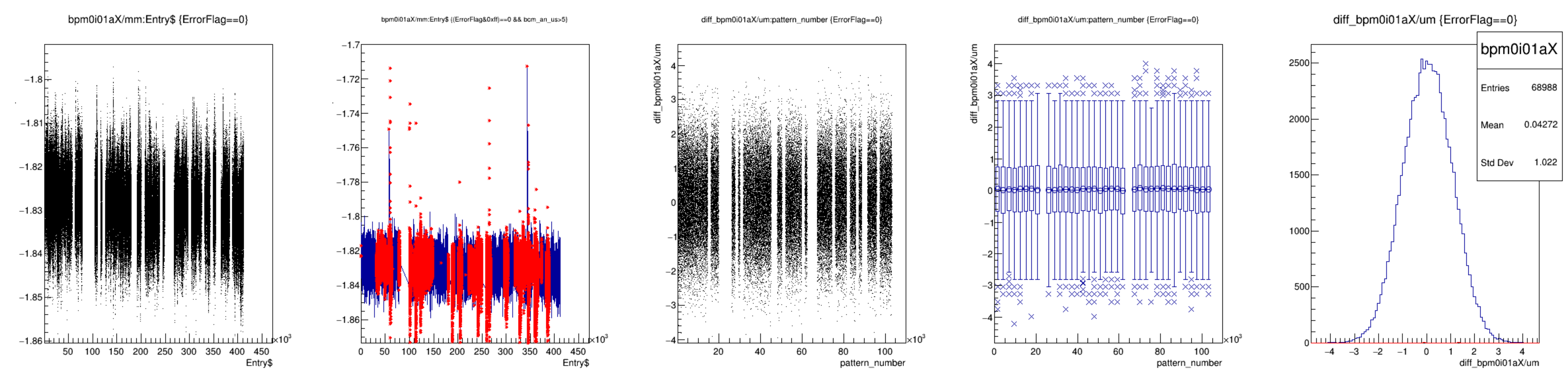


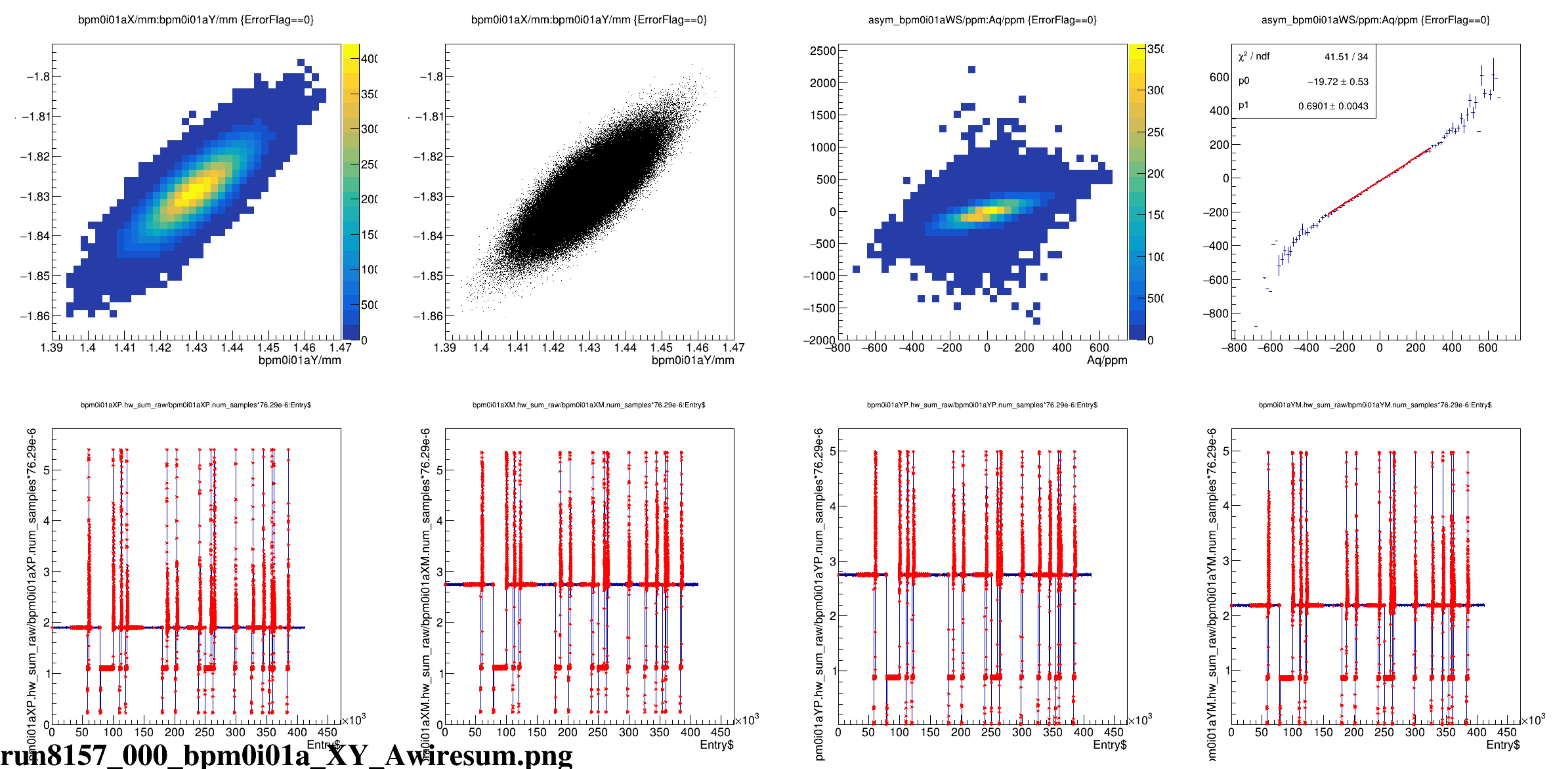
run8157_000_bpm1i02.png







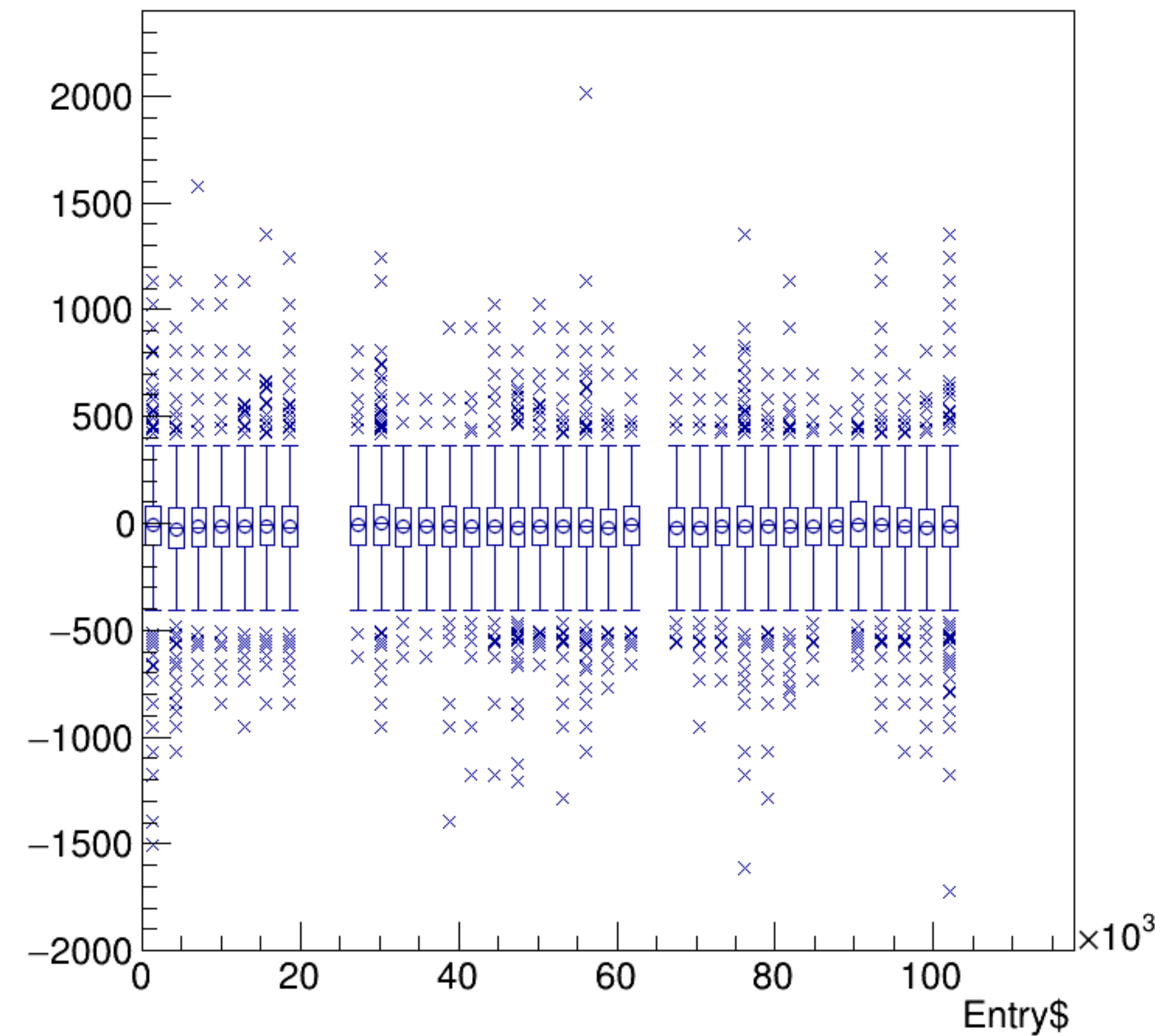
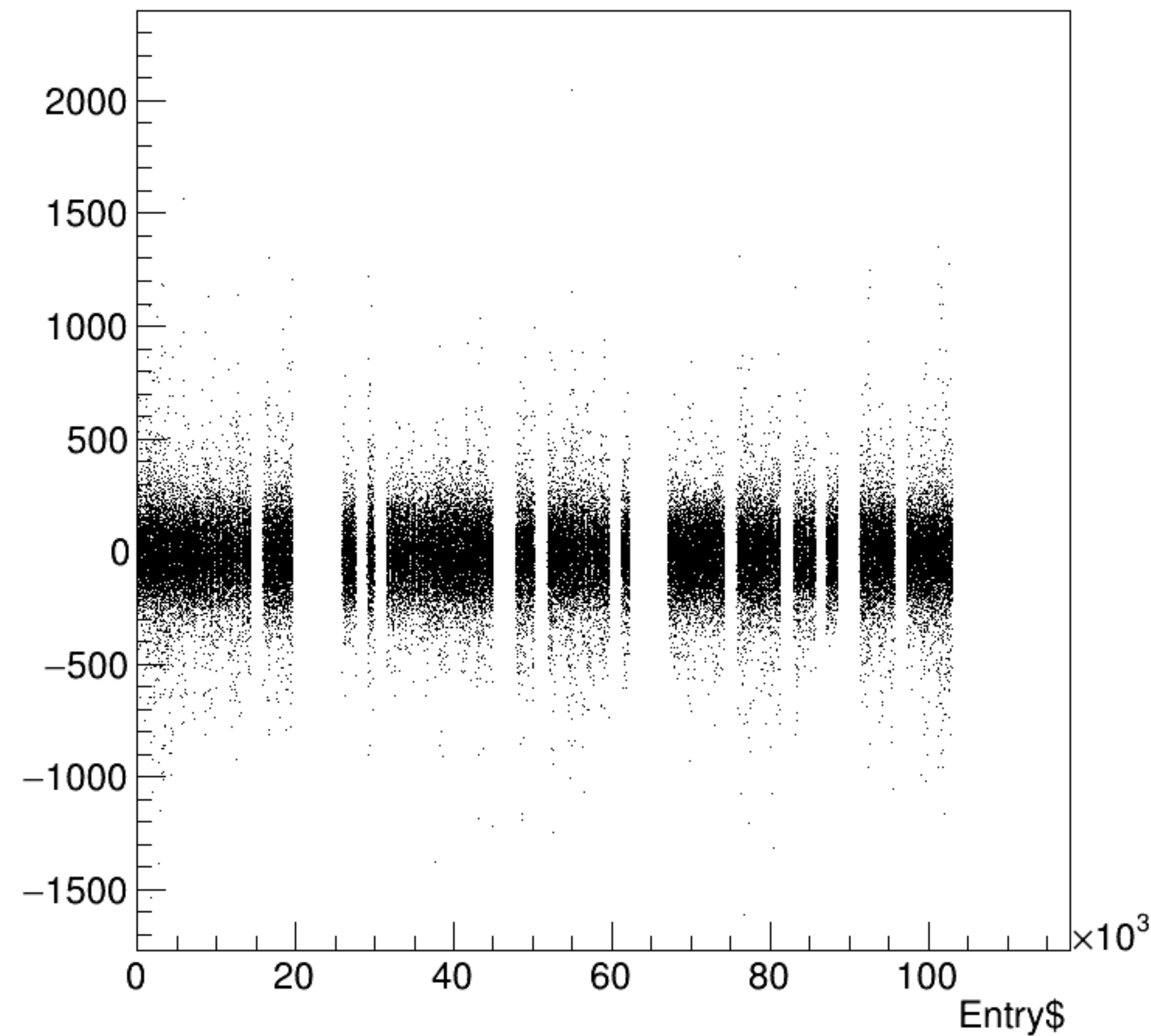
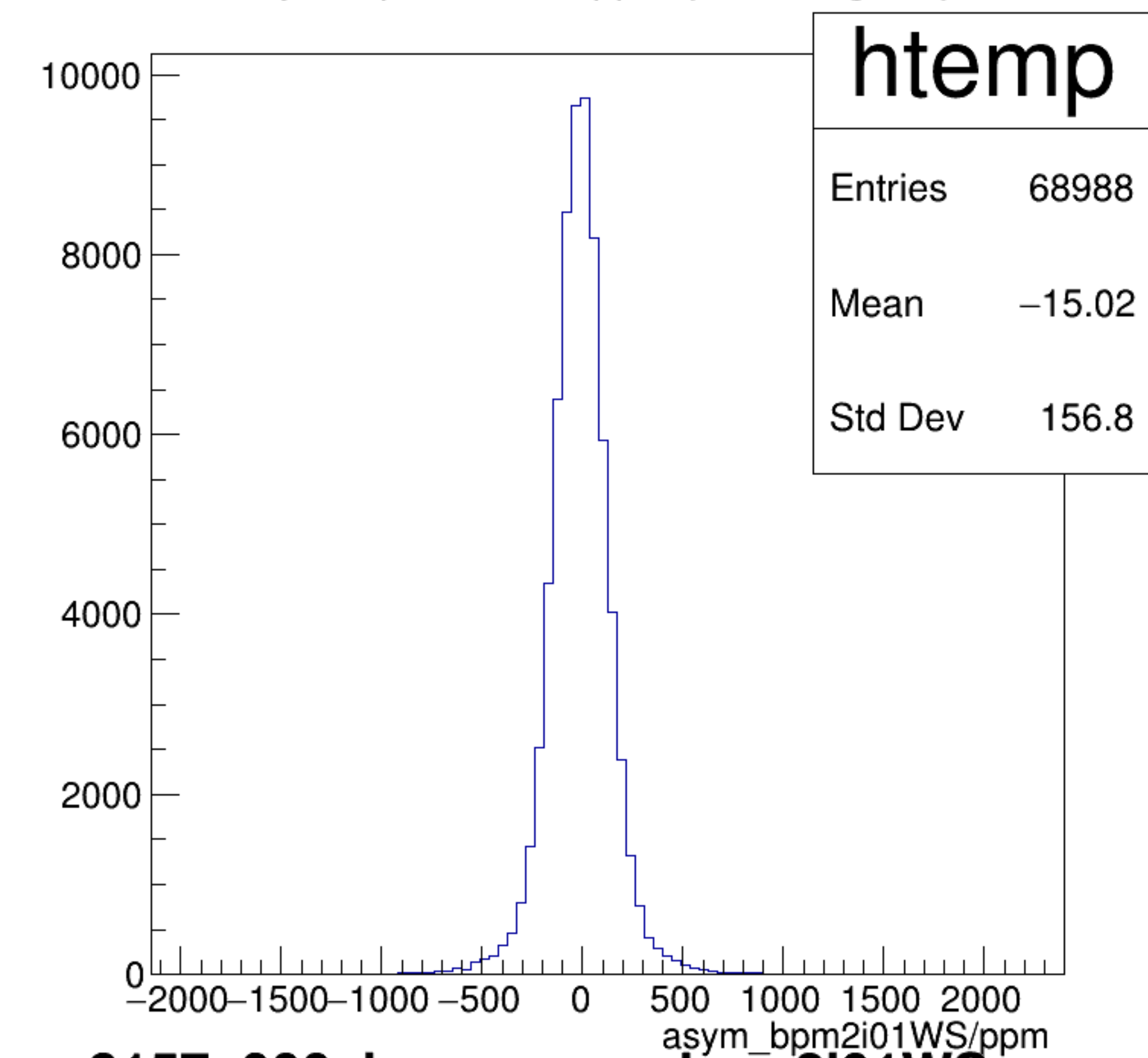




asym_bpm2i01WS/ppm {ErrorFlag==0}

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

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

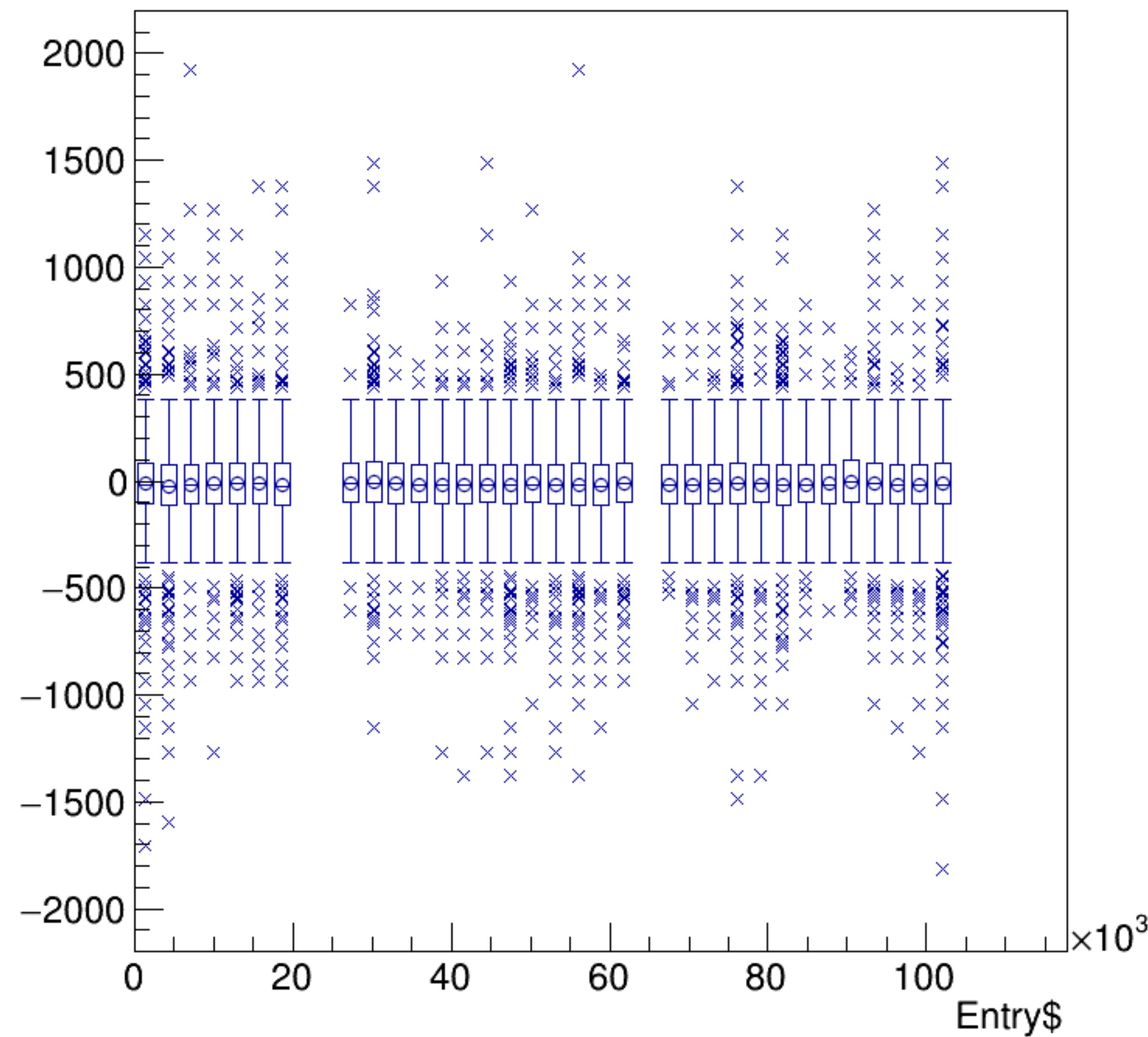
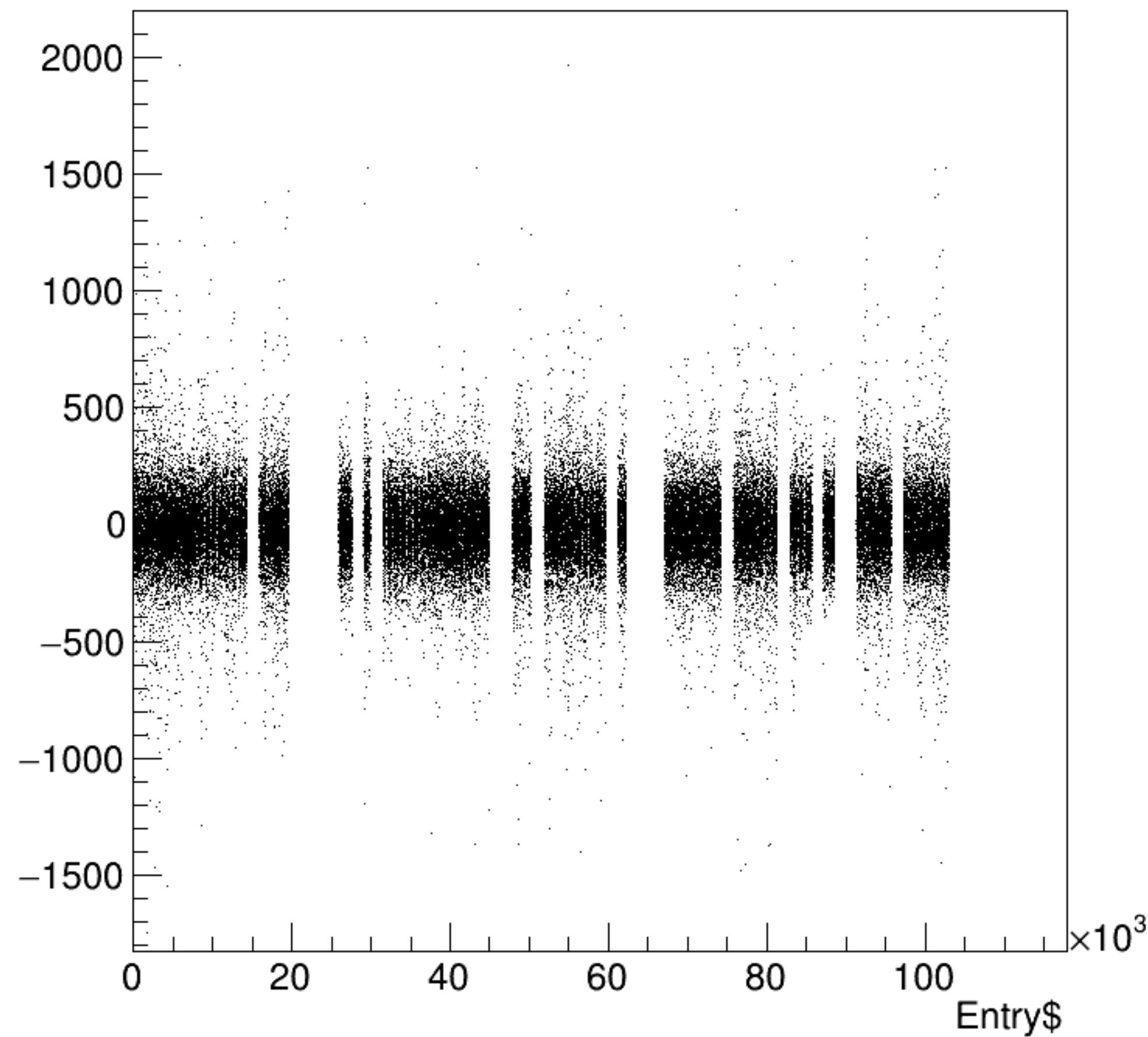
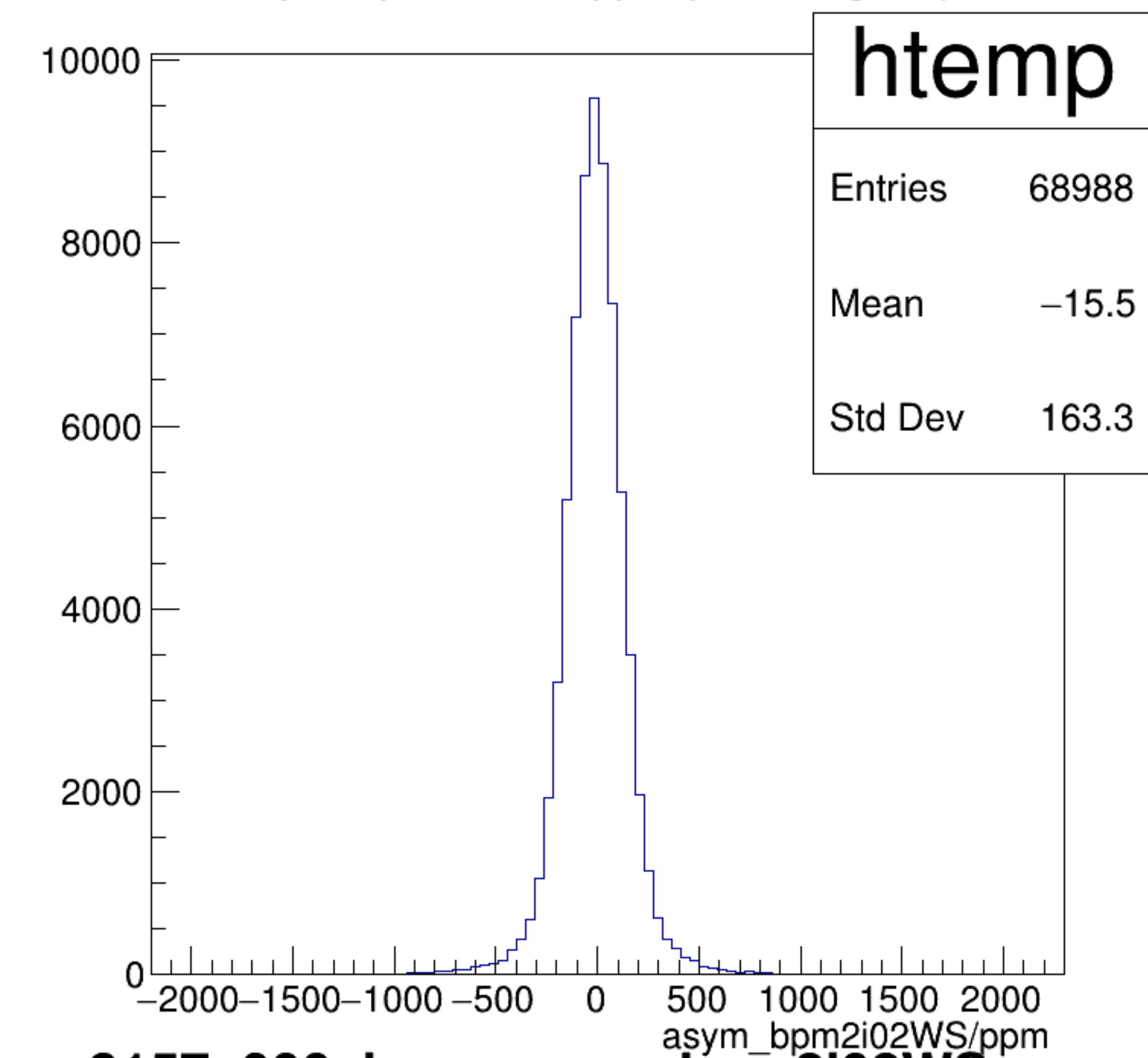


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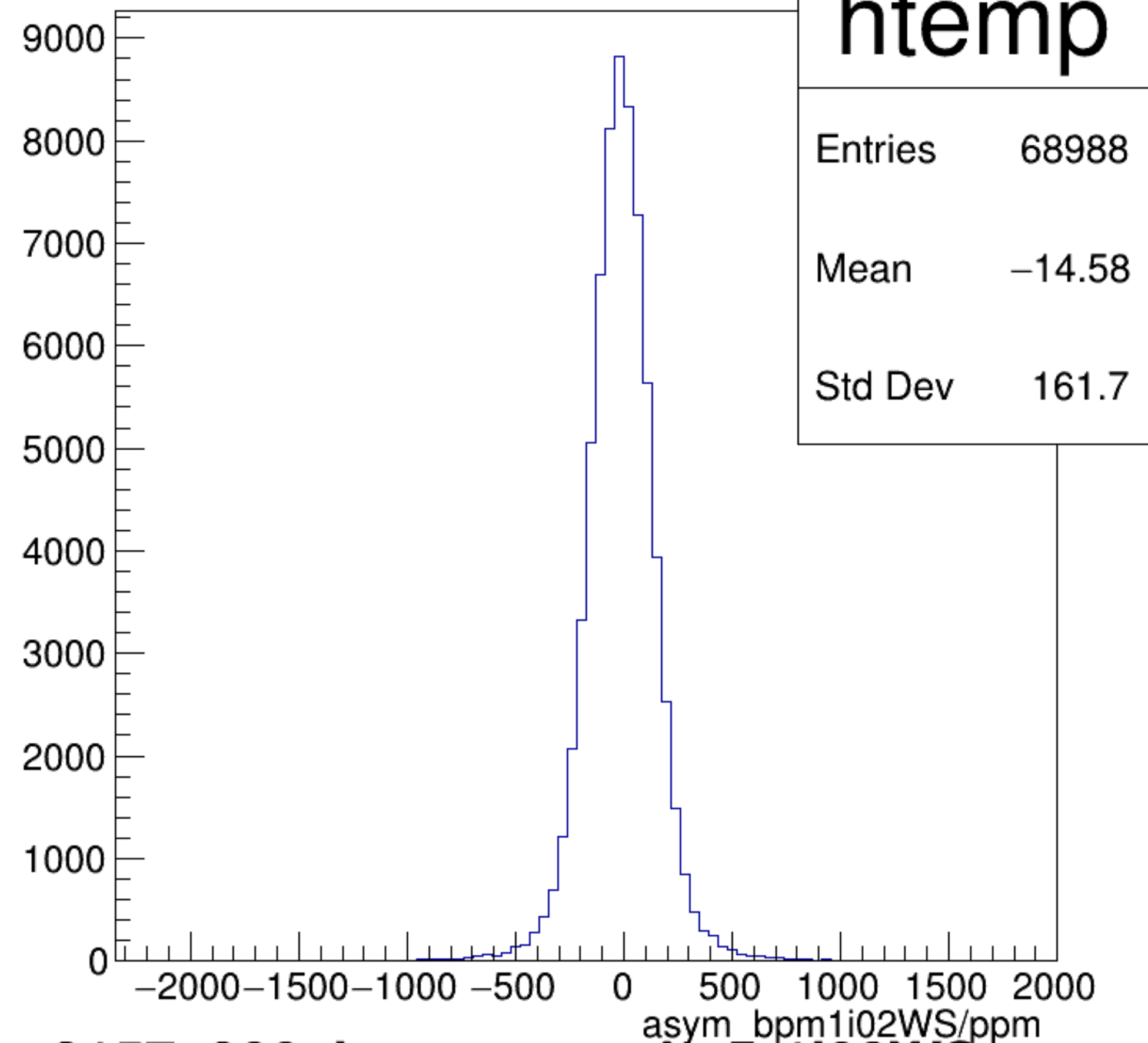
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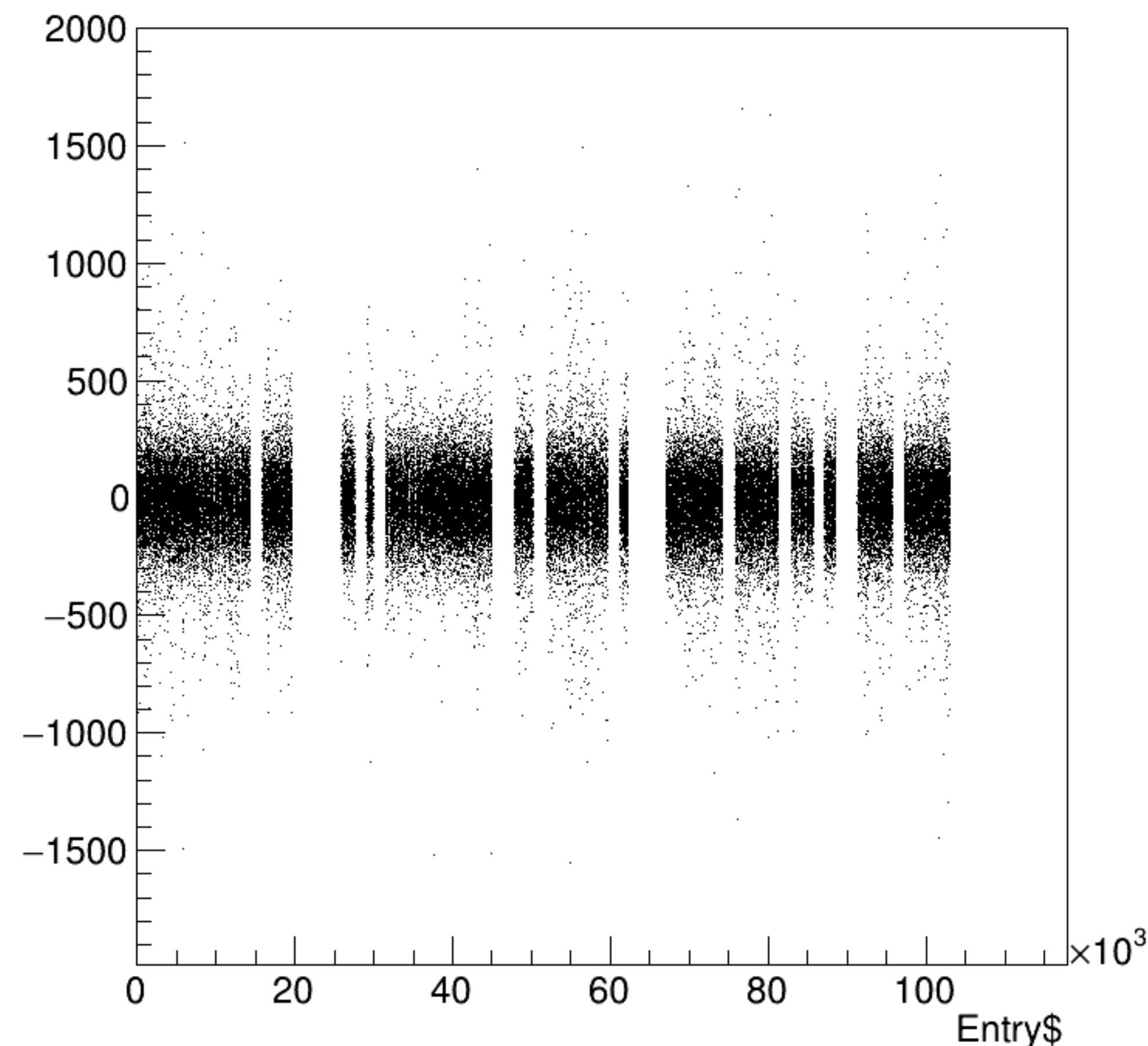


run8157_000_bpm_asym_bpm2i02WS.png

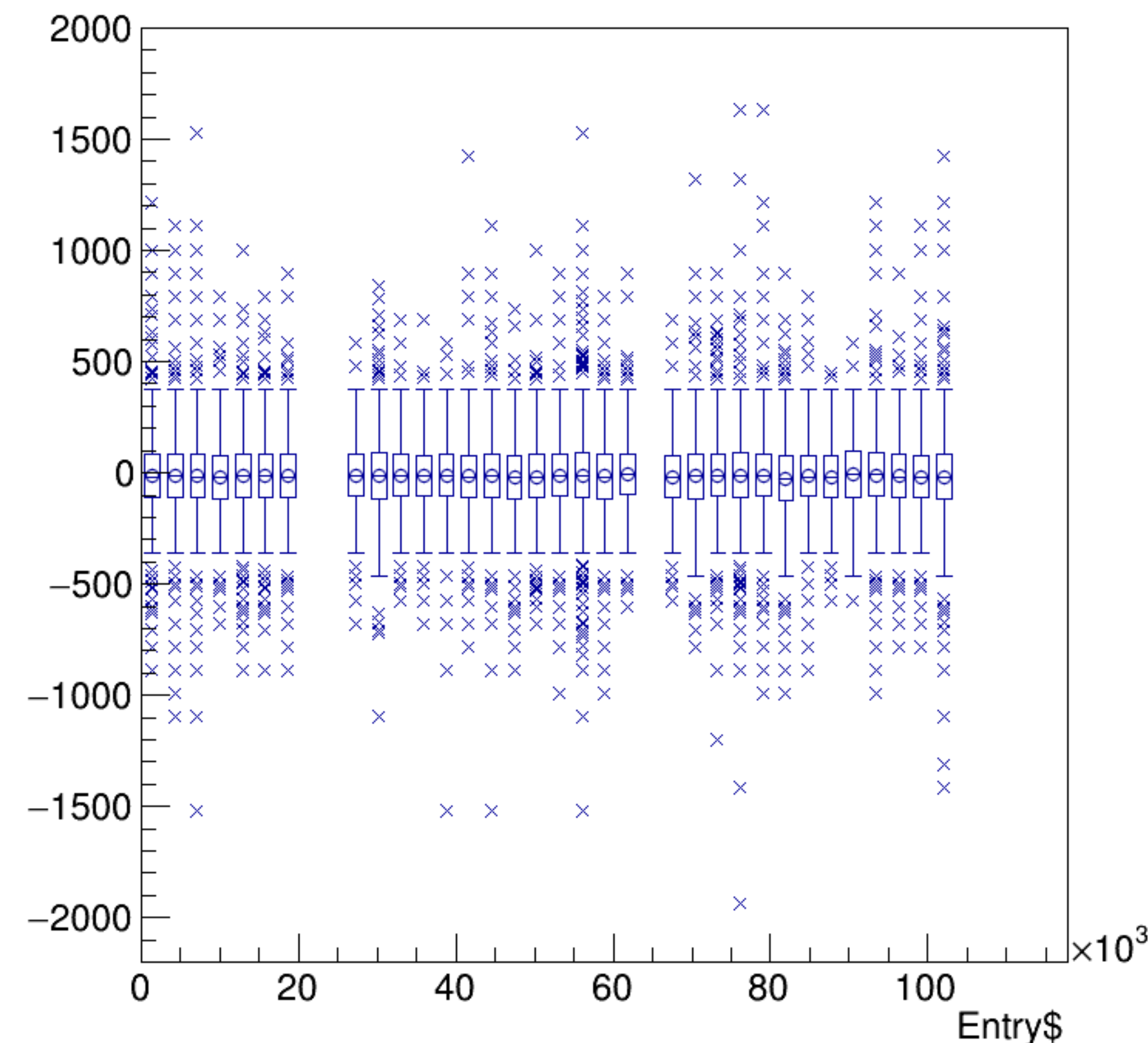
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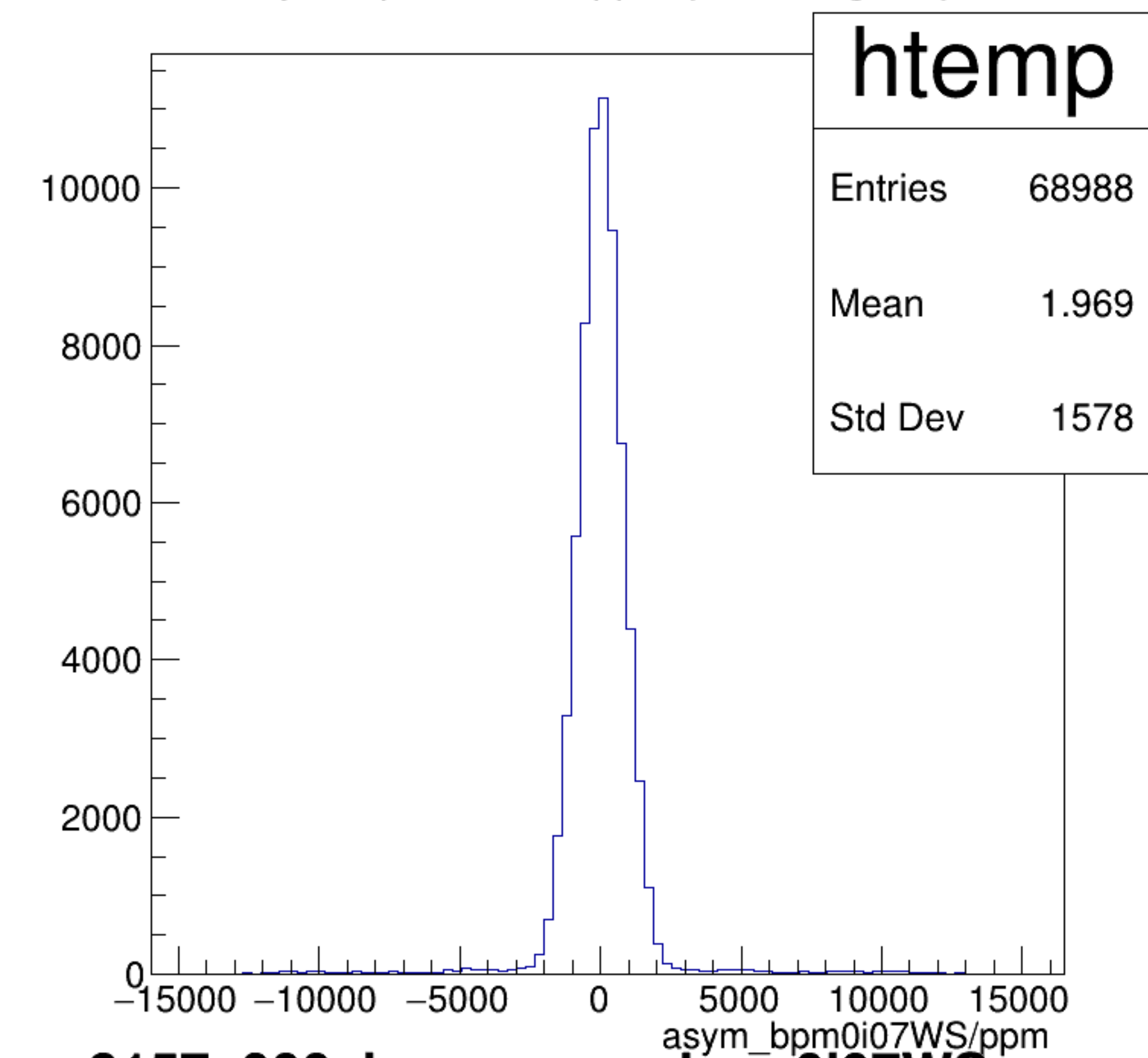
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asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}

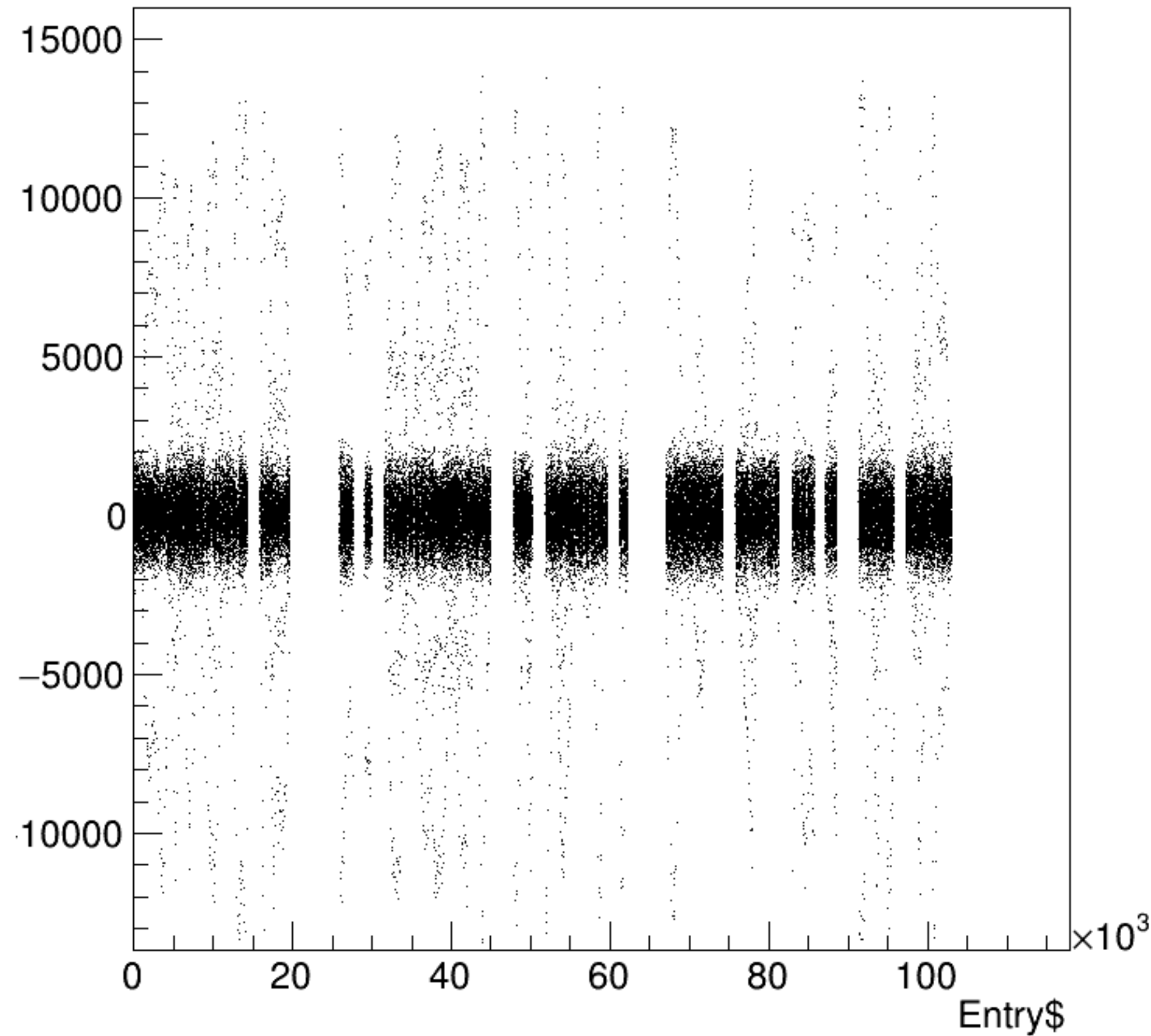


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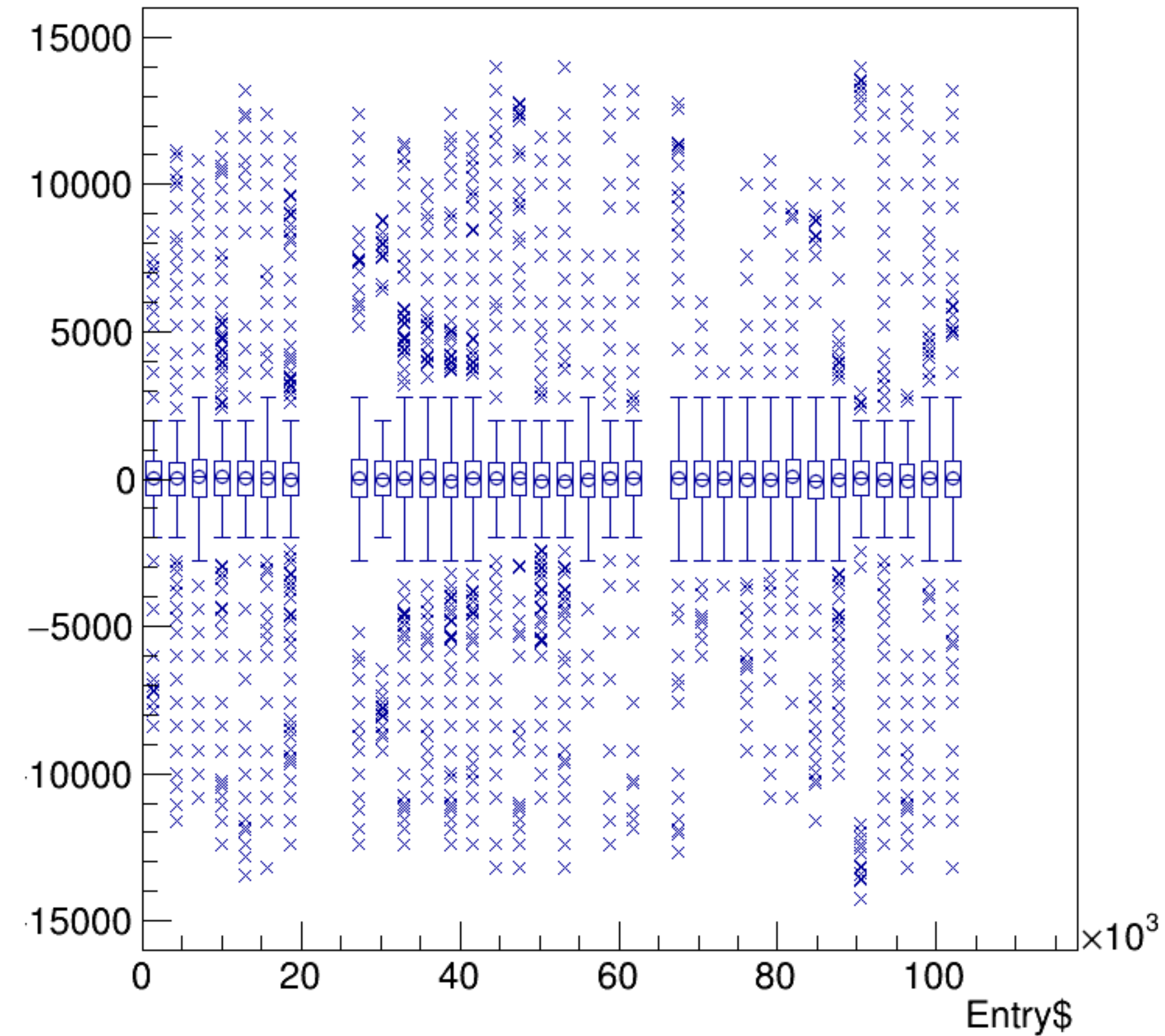


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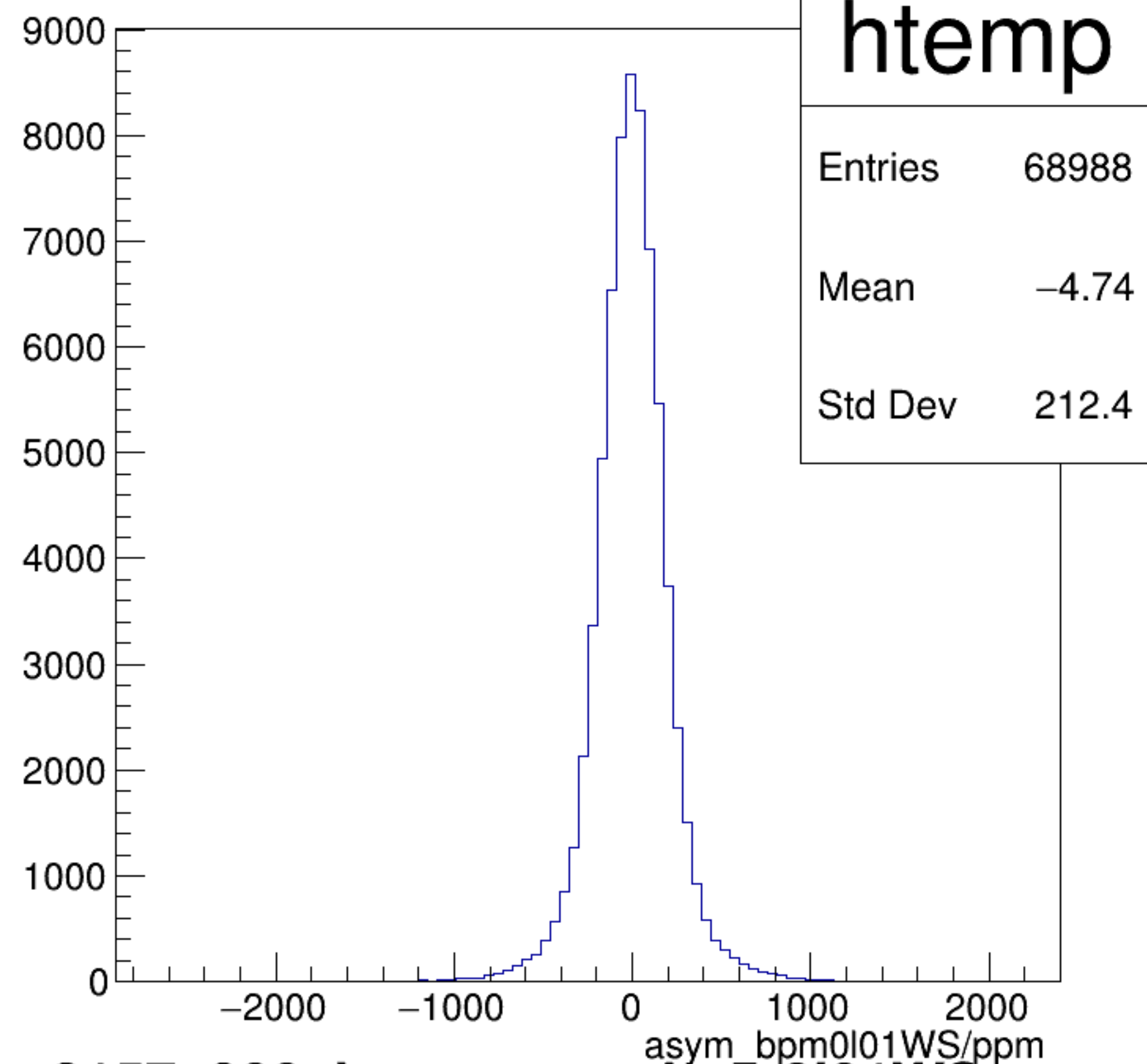
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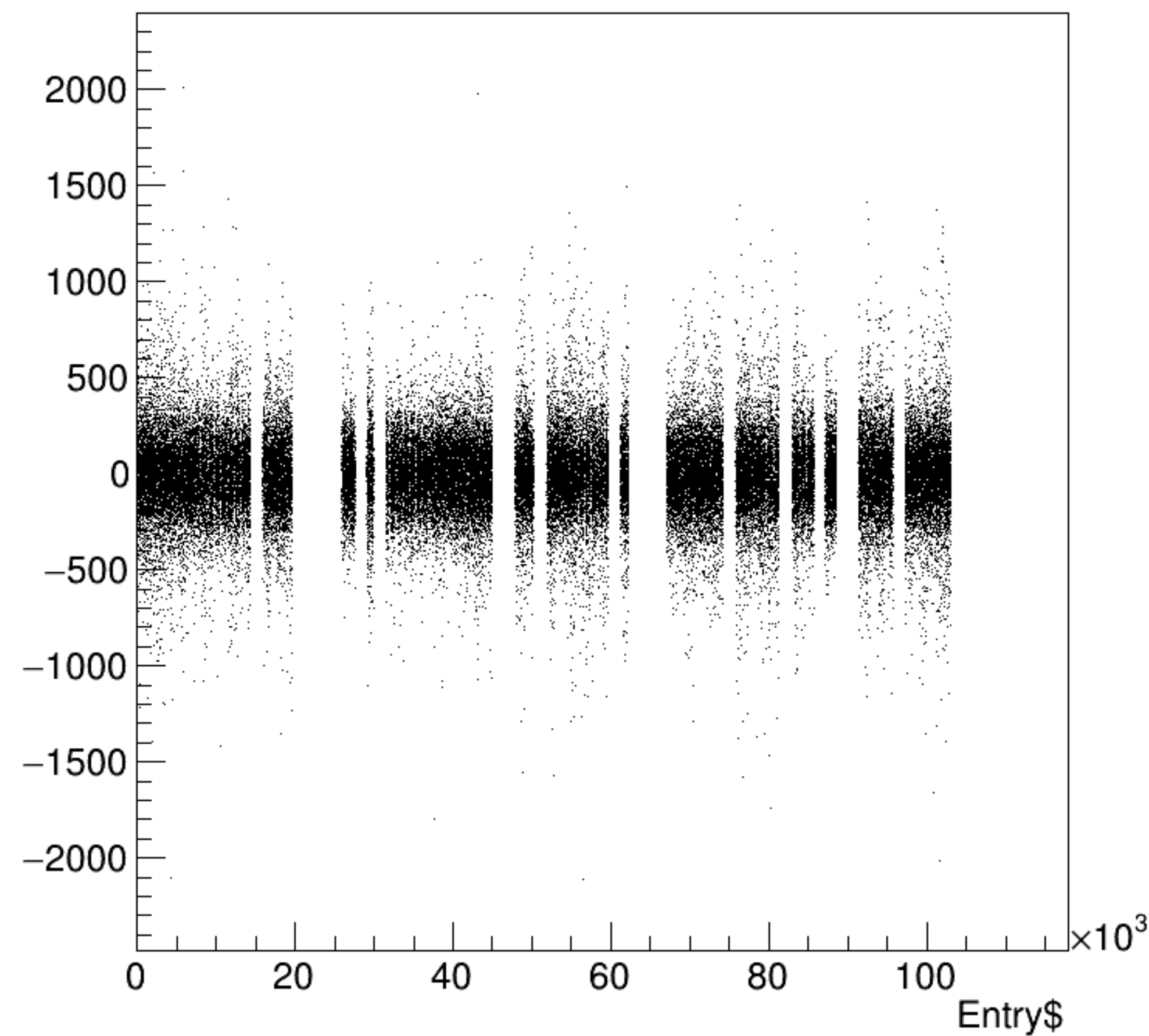
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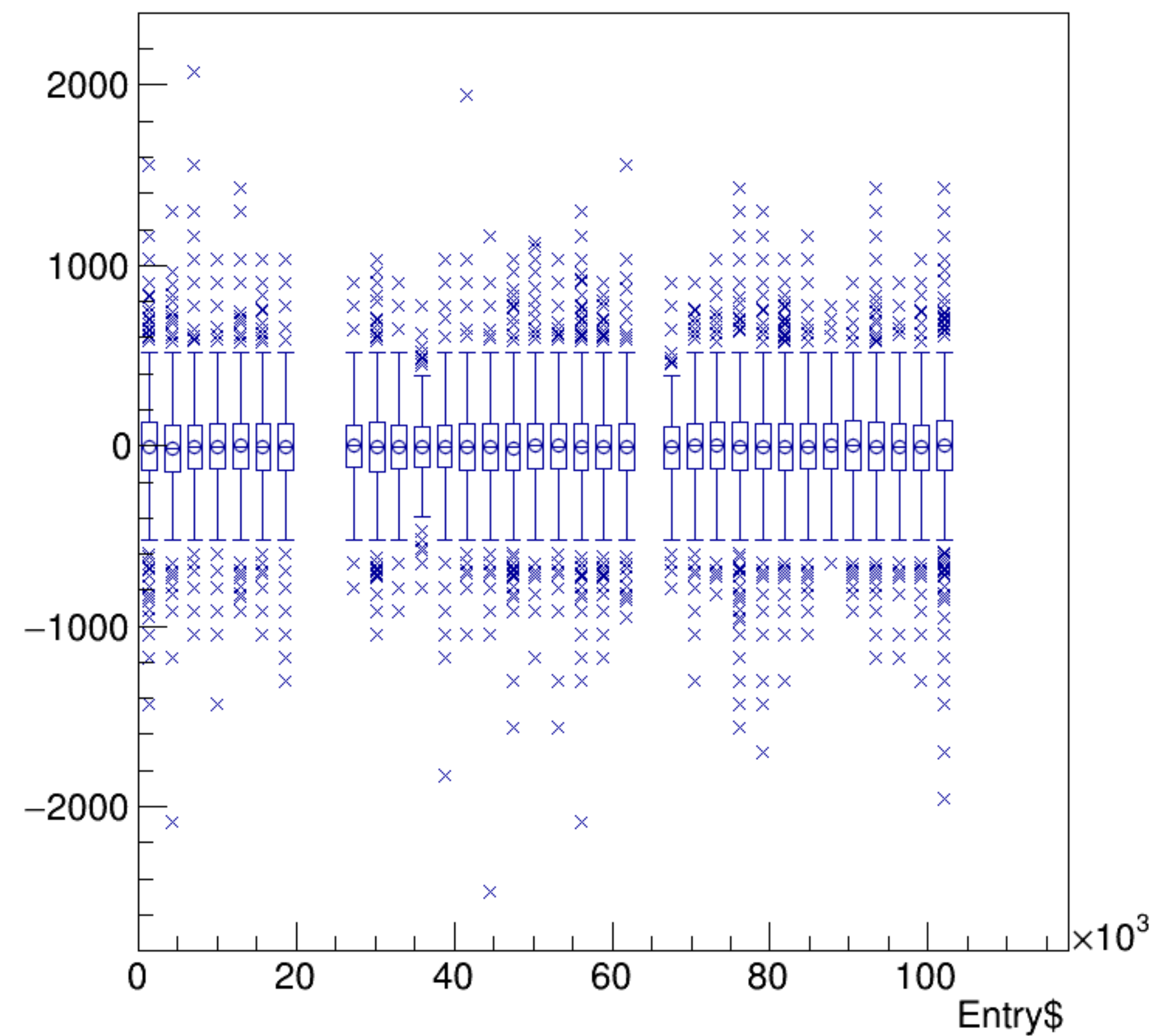
asym_bpm0l01WS/ppm {ErrorFlag==0}



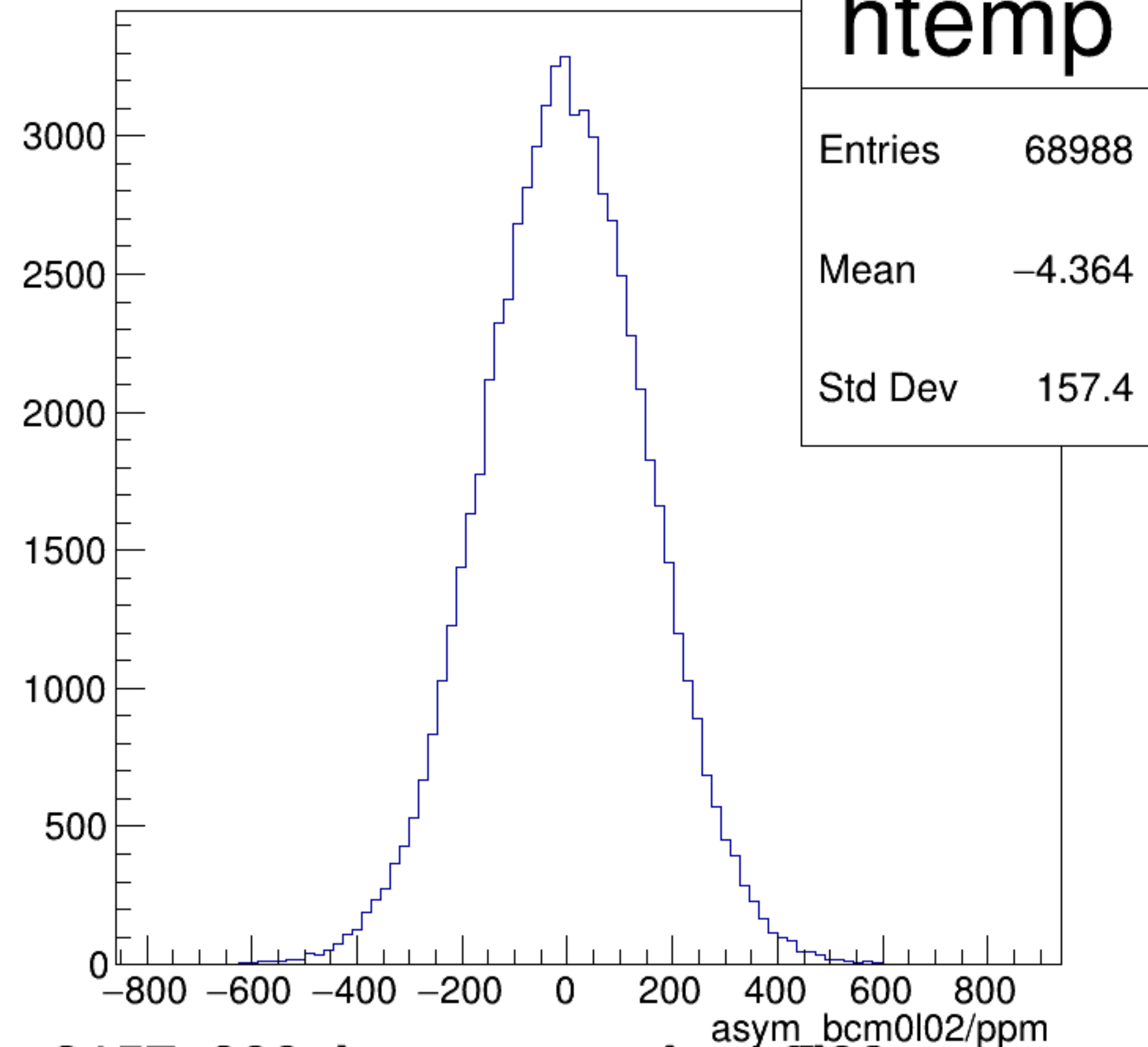
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



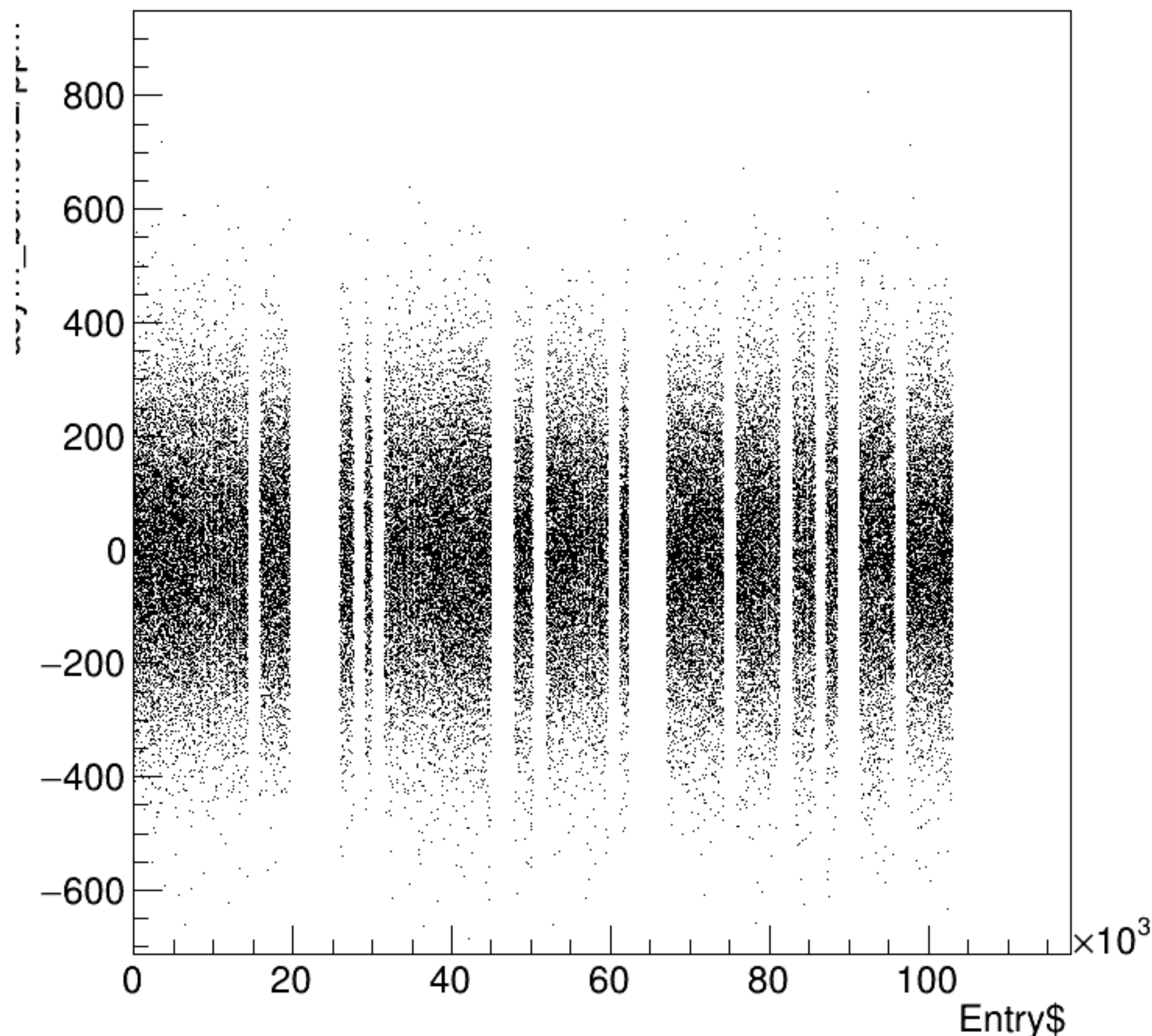
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



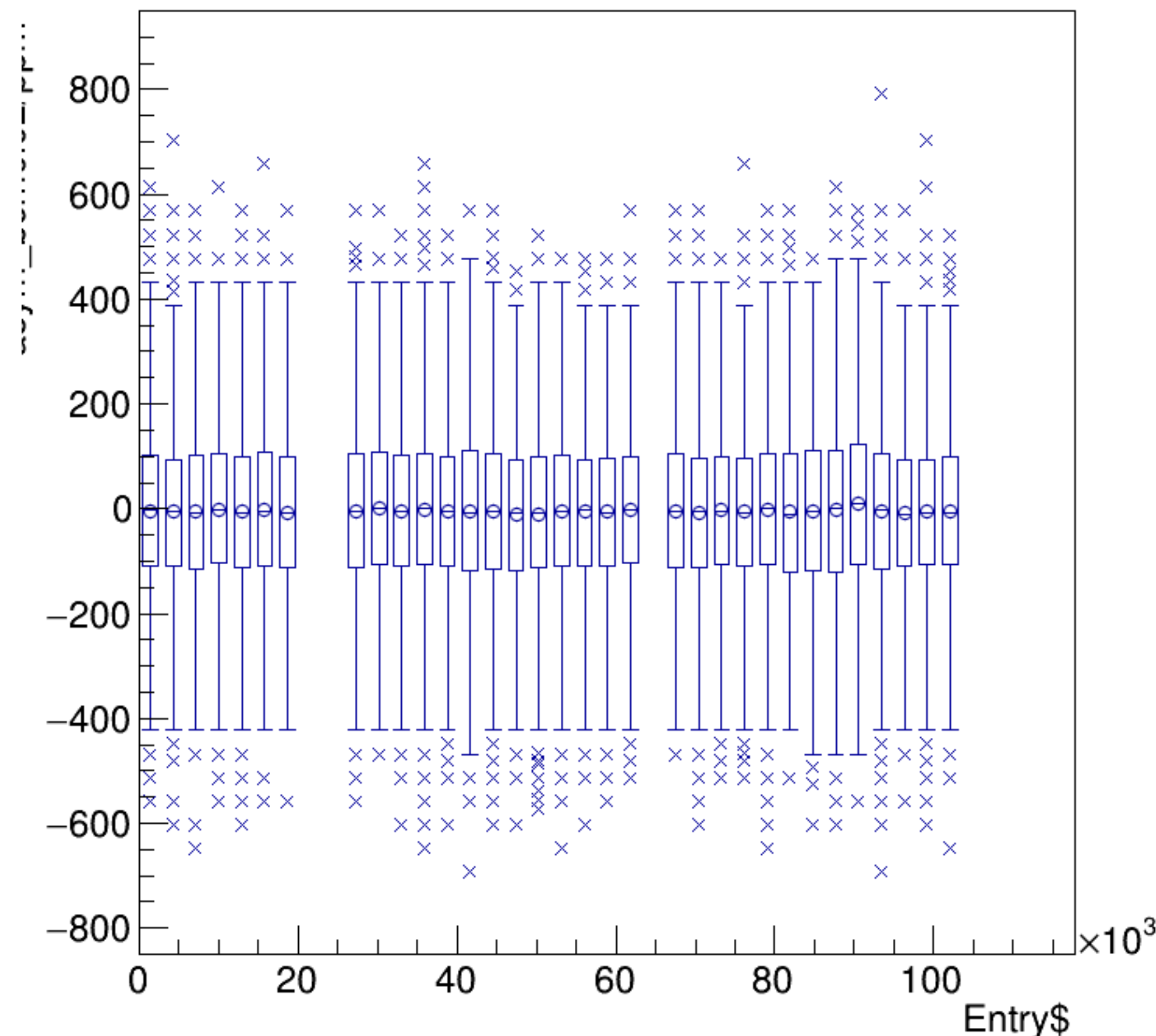
asym_bcm0l02/ppm {ErrorFlag==0}



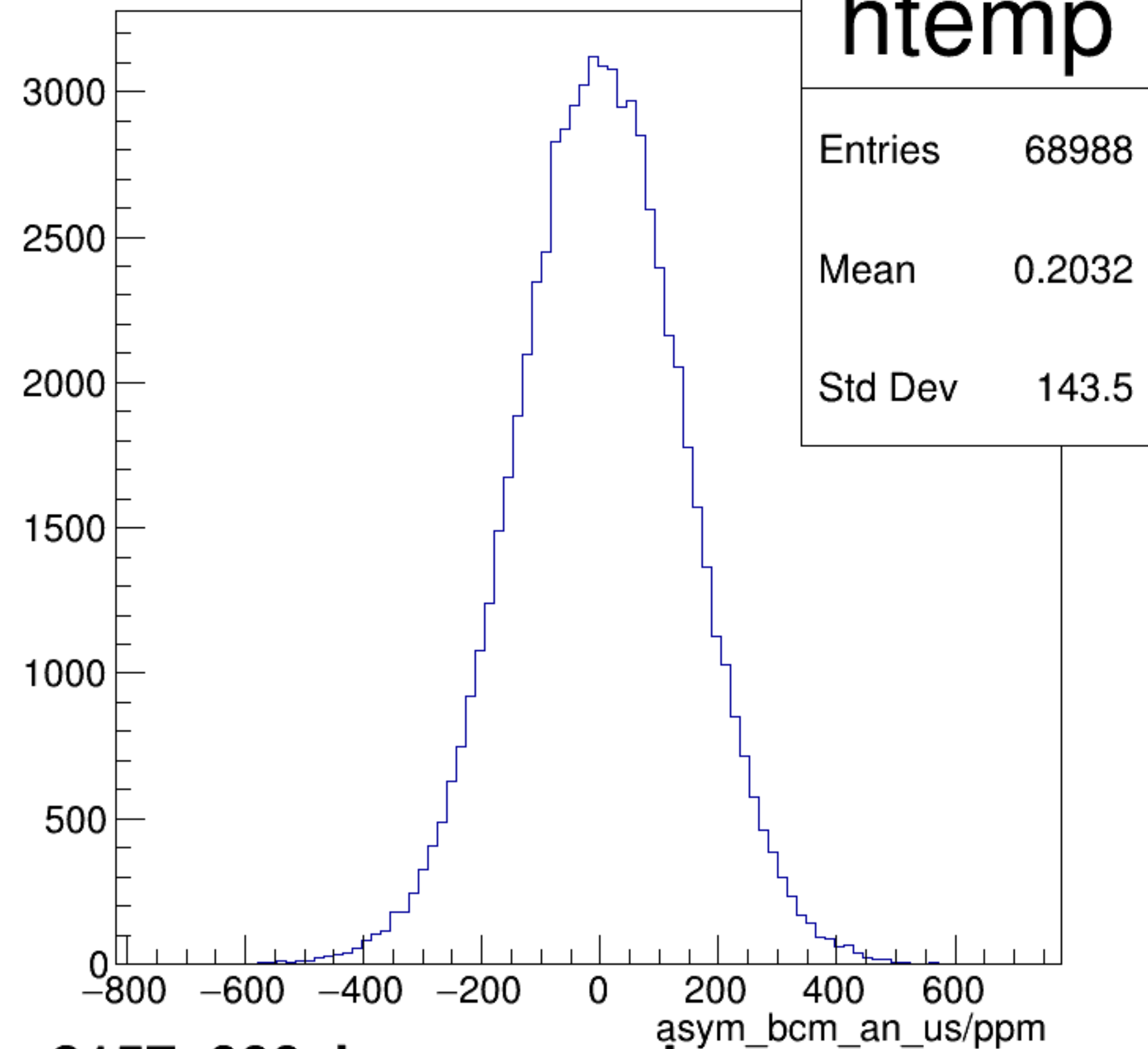
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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

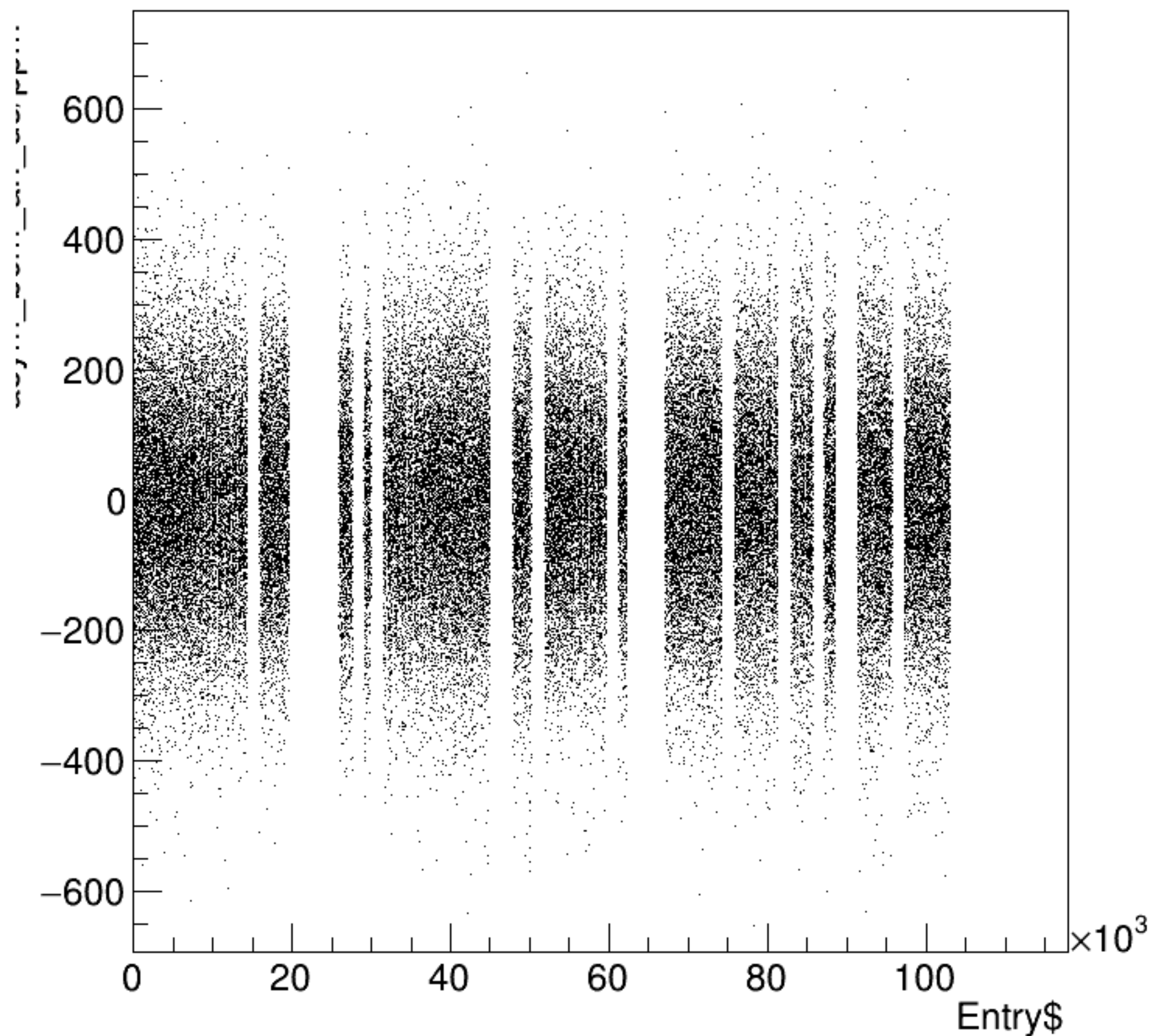


asym_bcm_an_us/ppm {ErrorFlag==0}

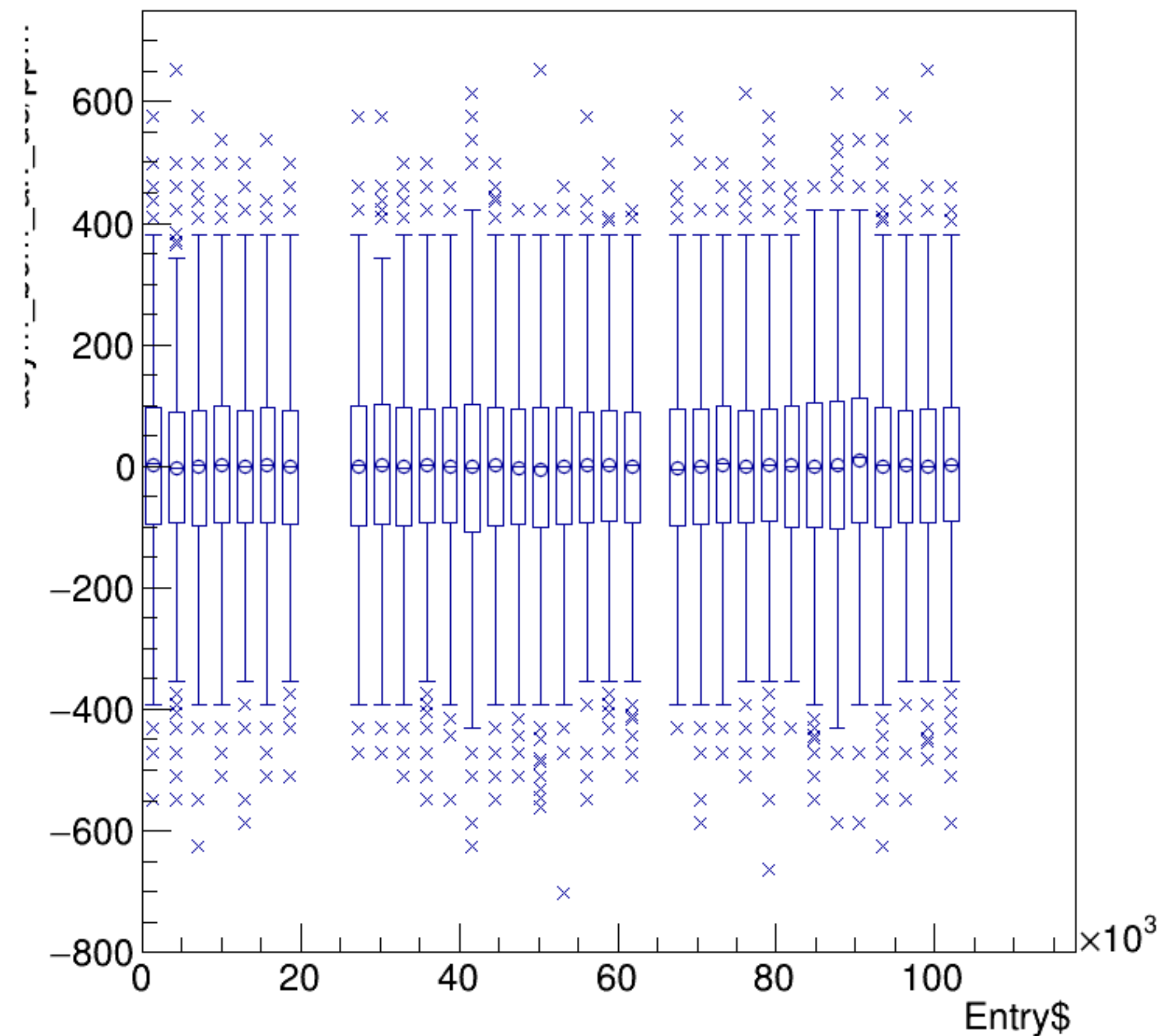


run8157_000_bpm_asym_bcm_an_us.png

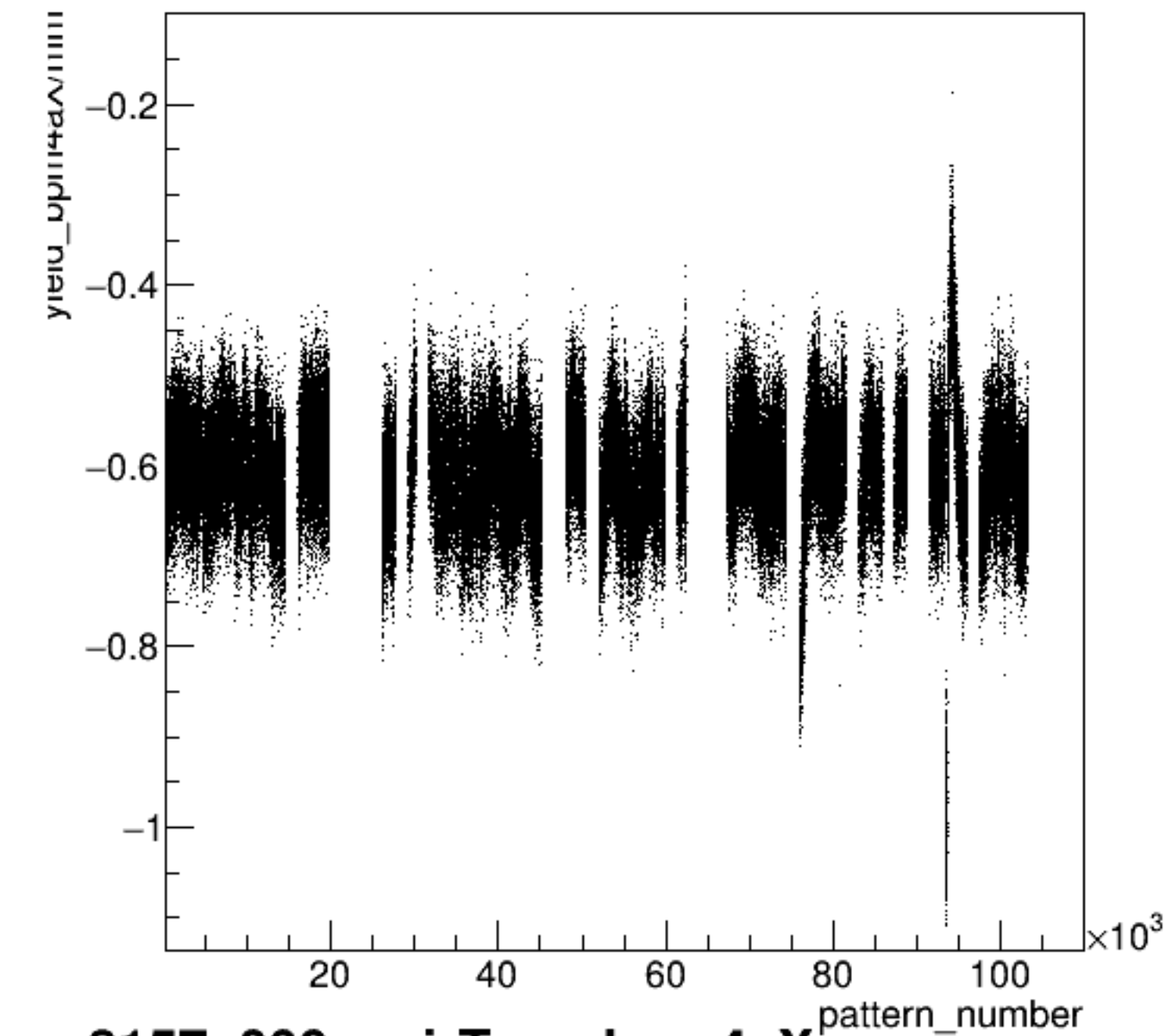
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



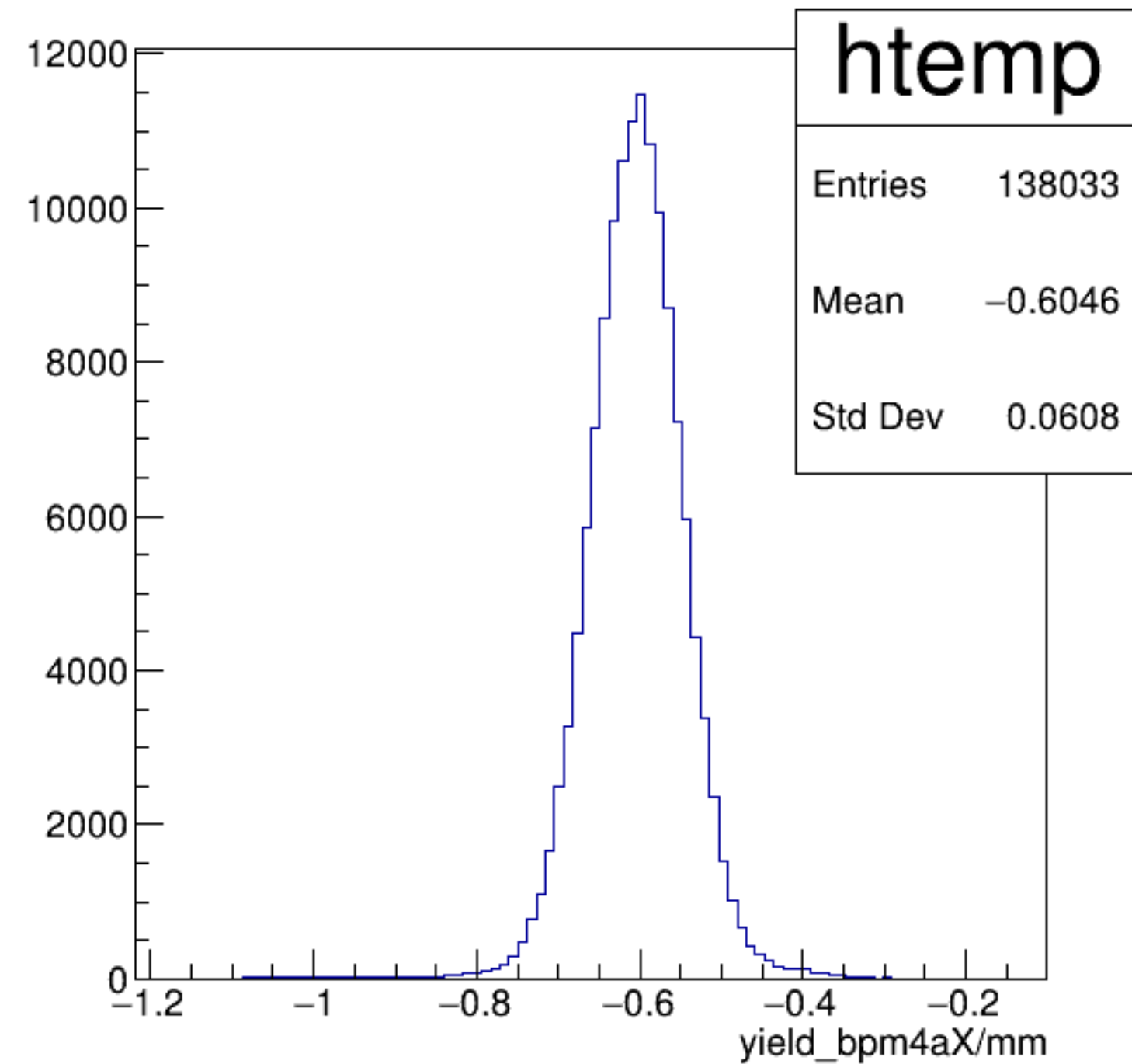
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



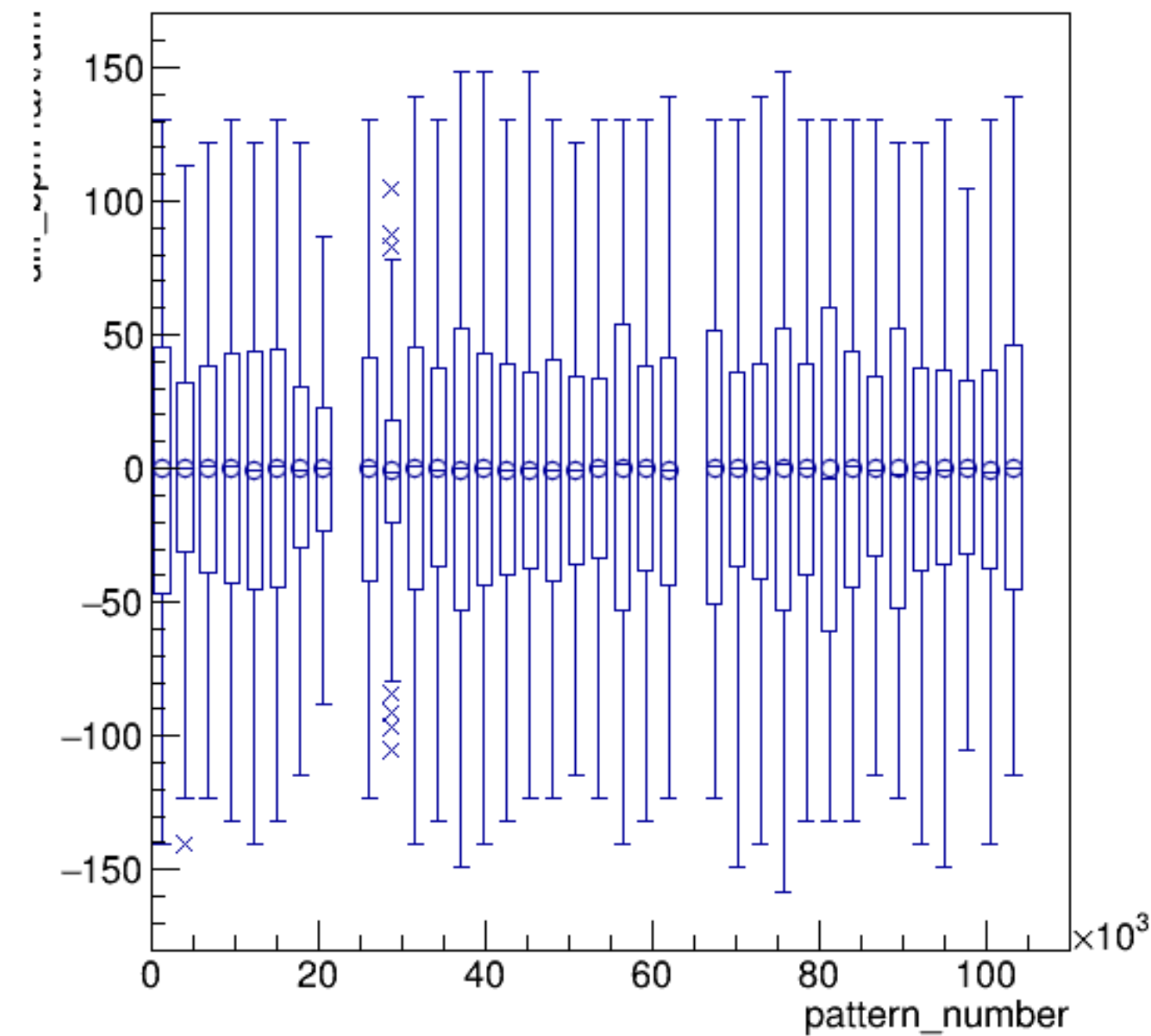
yield_bpm4aX/mm:pattern_number {ErrorFlag==0}



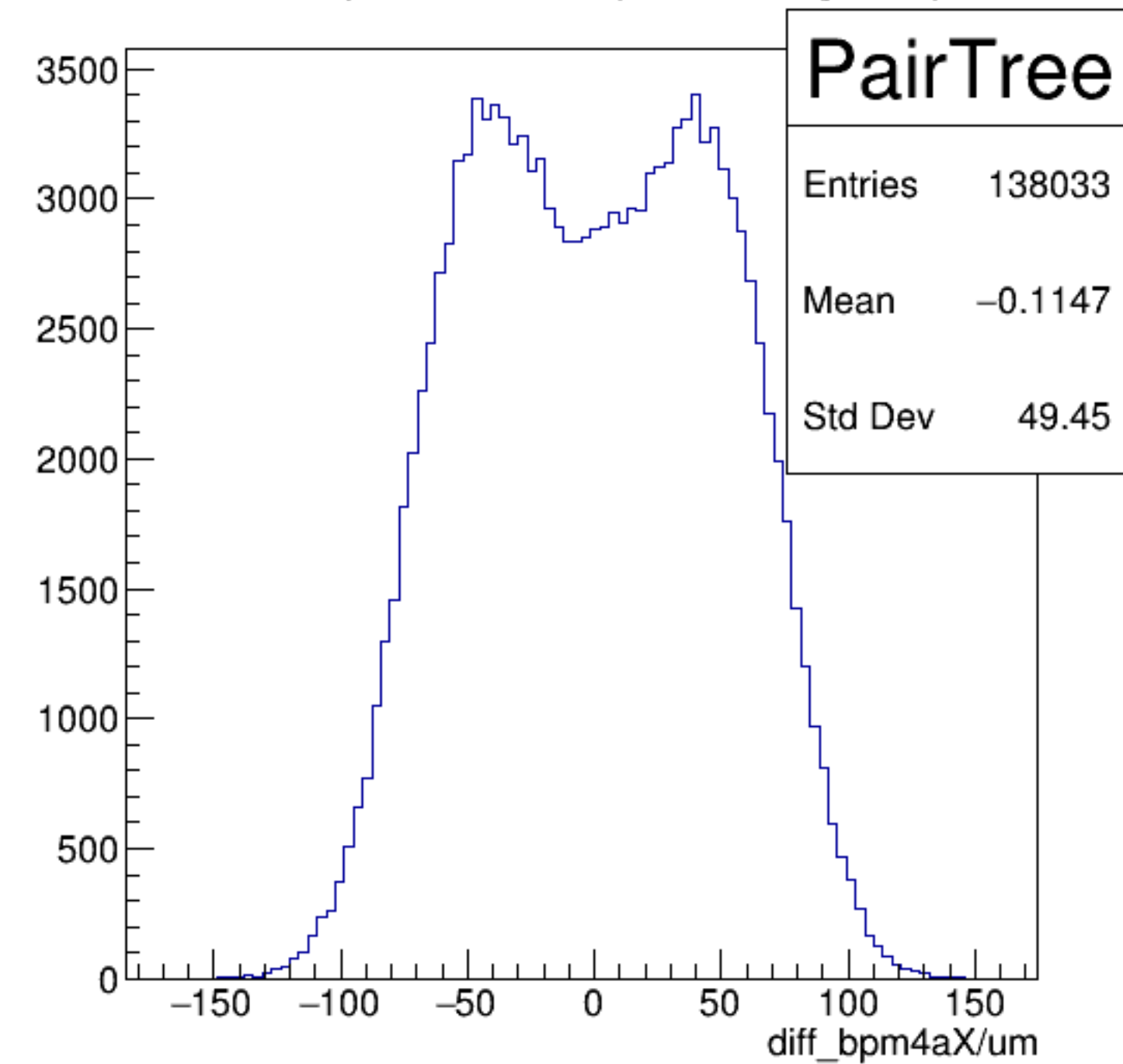
yield_bpm4aX/mm {ErrorFlag==0}

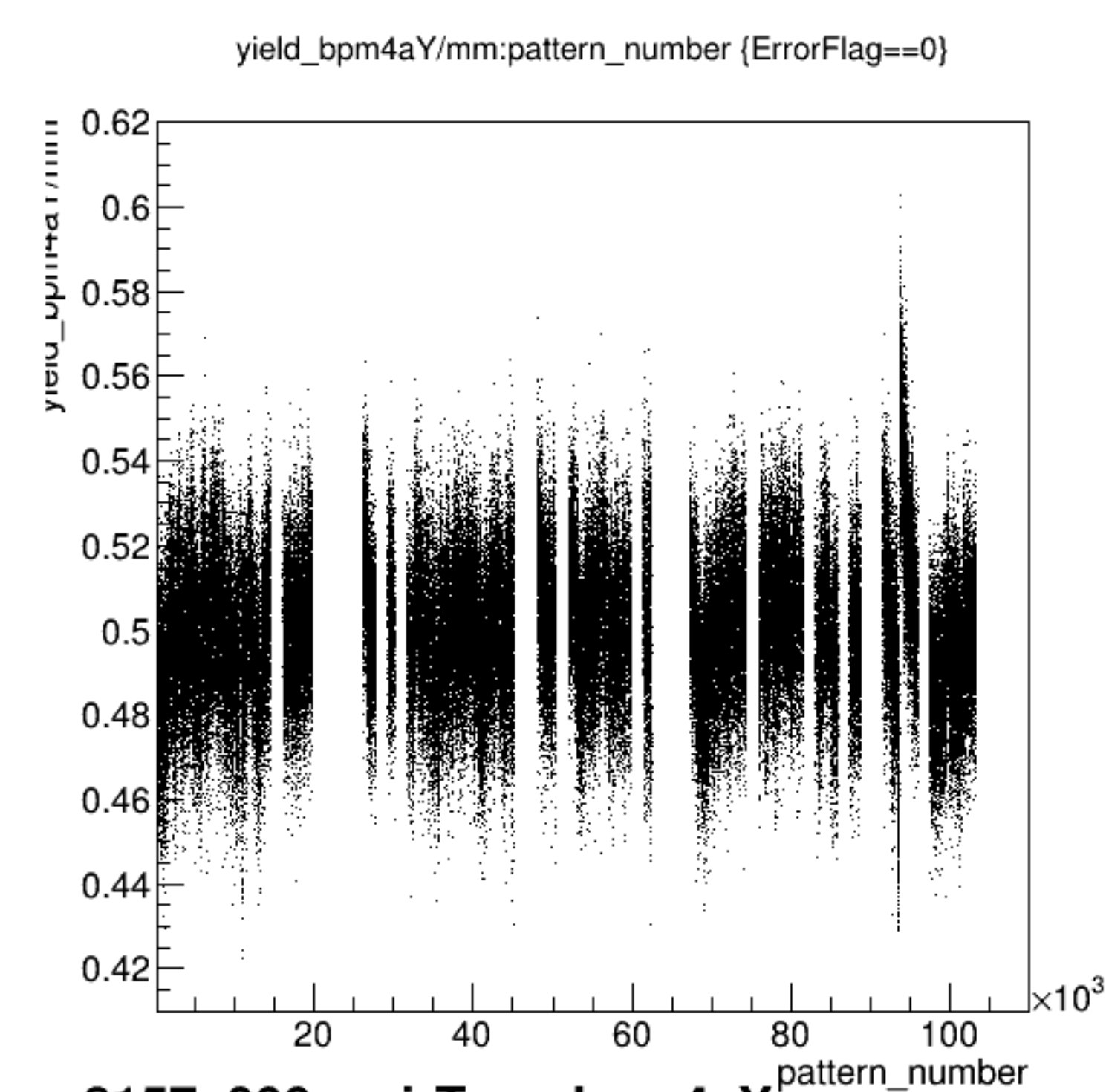


diff_bpm4aX/um:pattern_number {ErrorFlag==0}

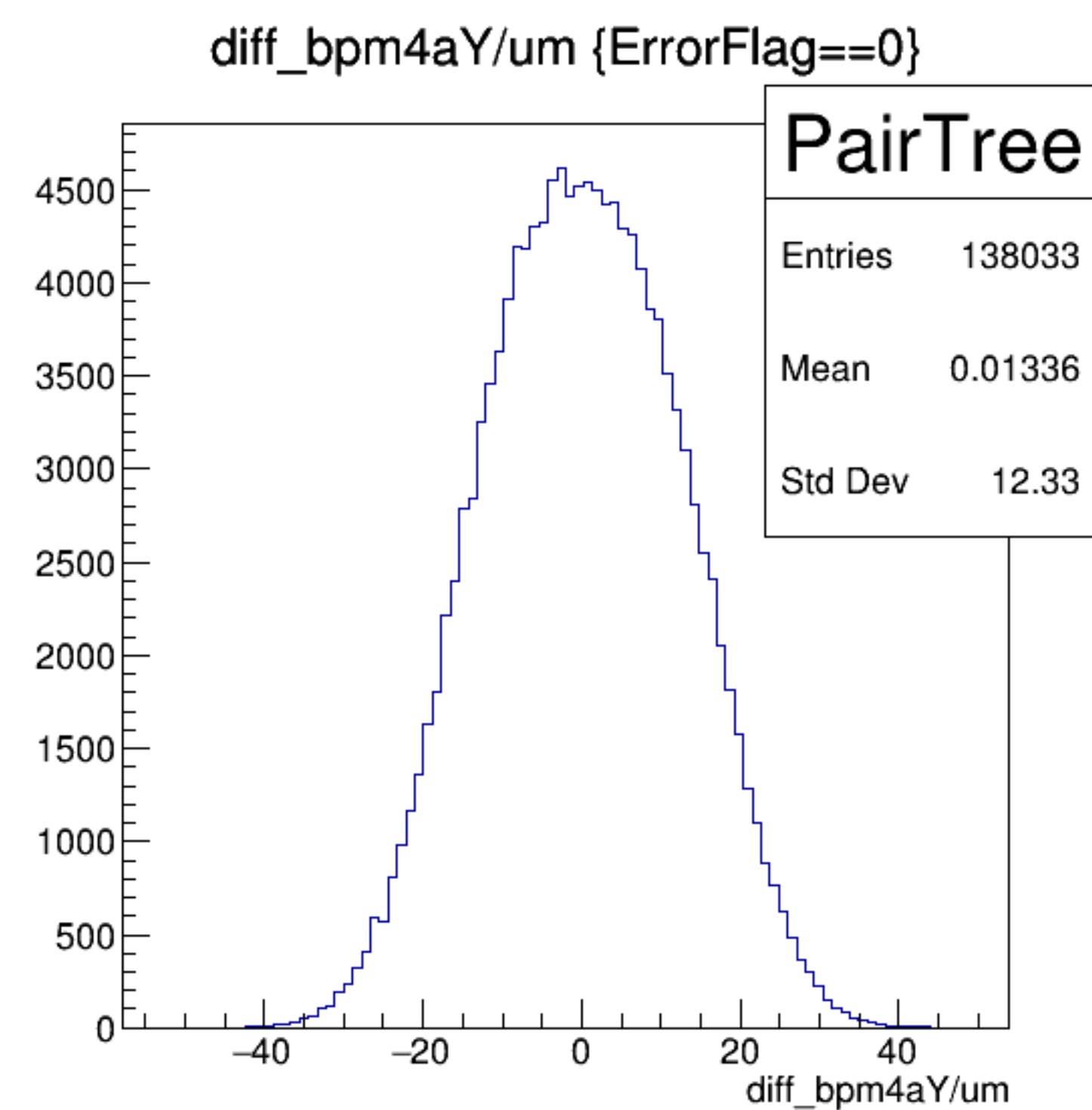
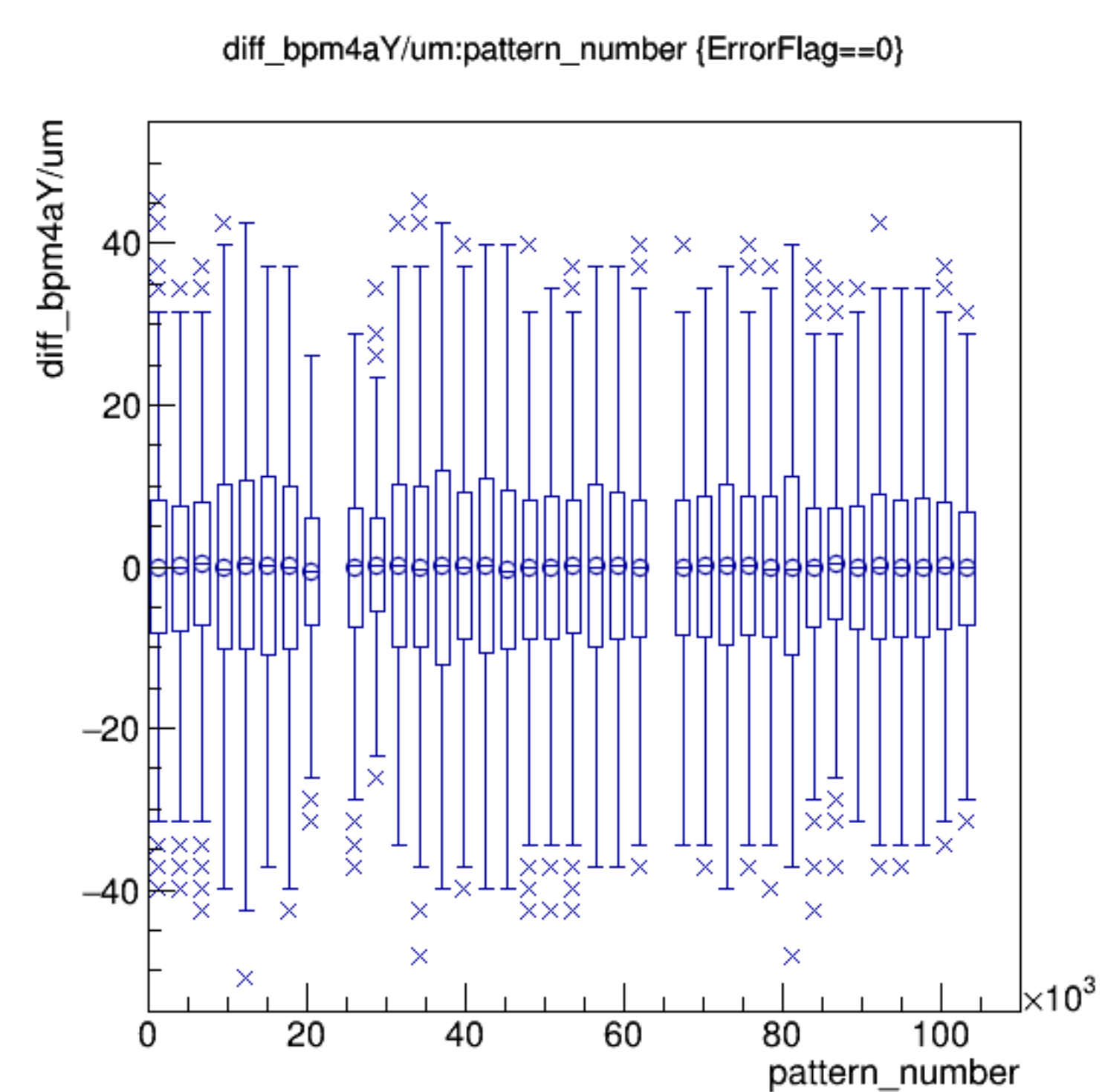
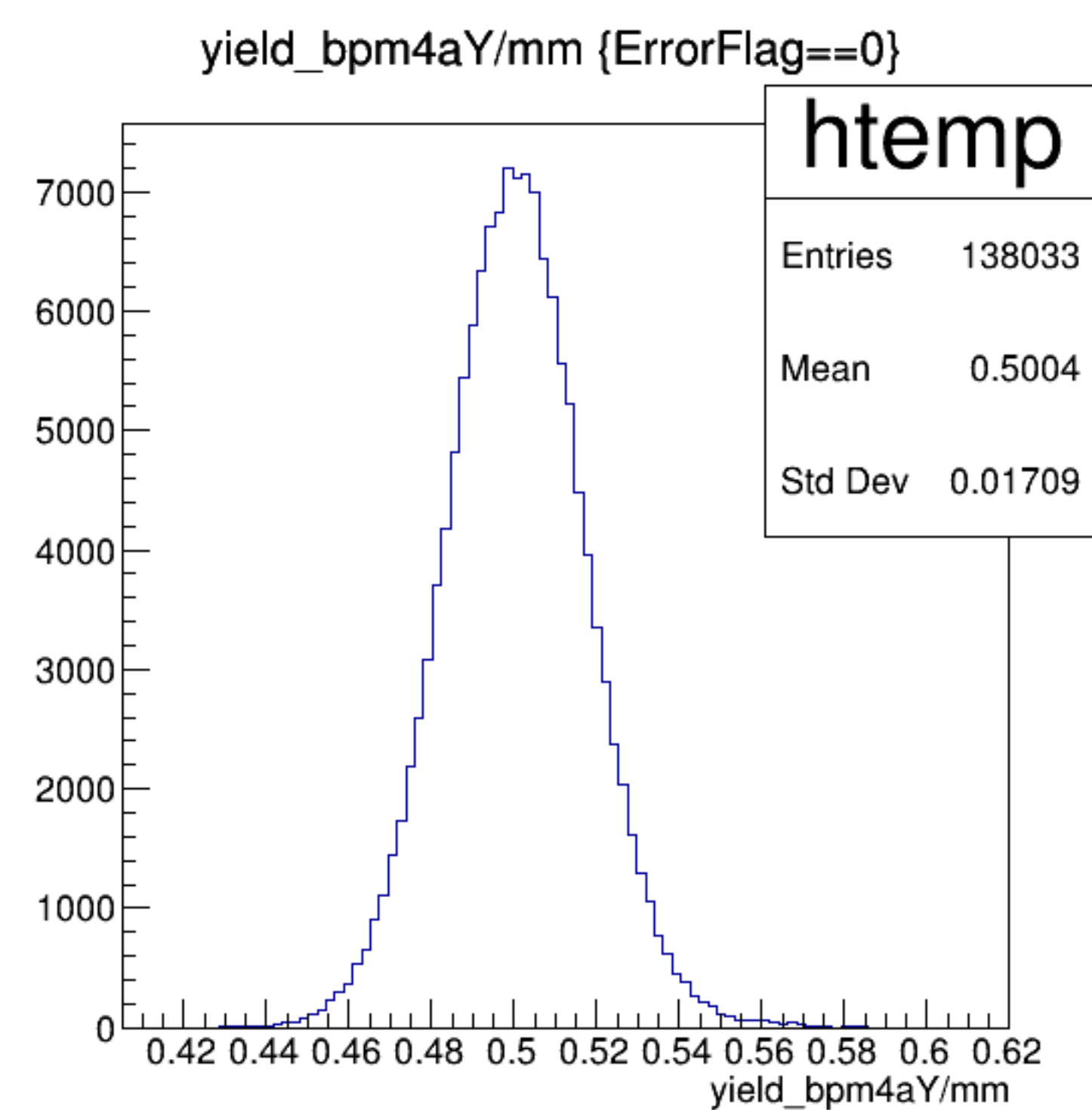


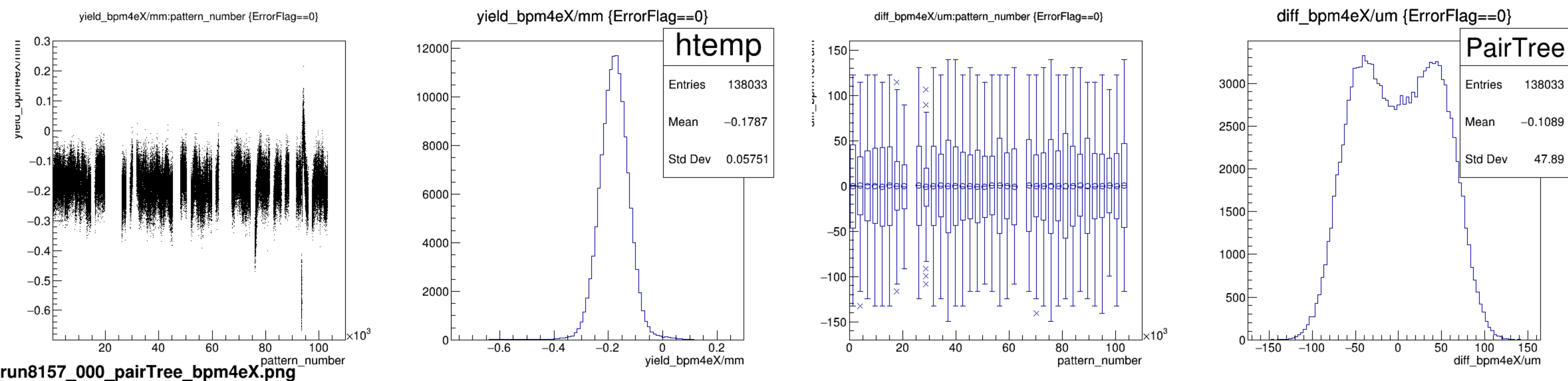
diff_bpm4aX/um {ErrorFlag==0}

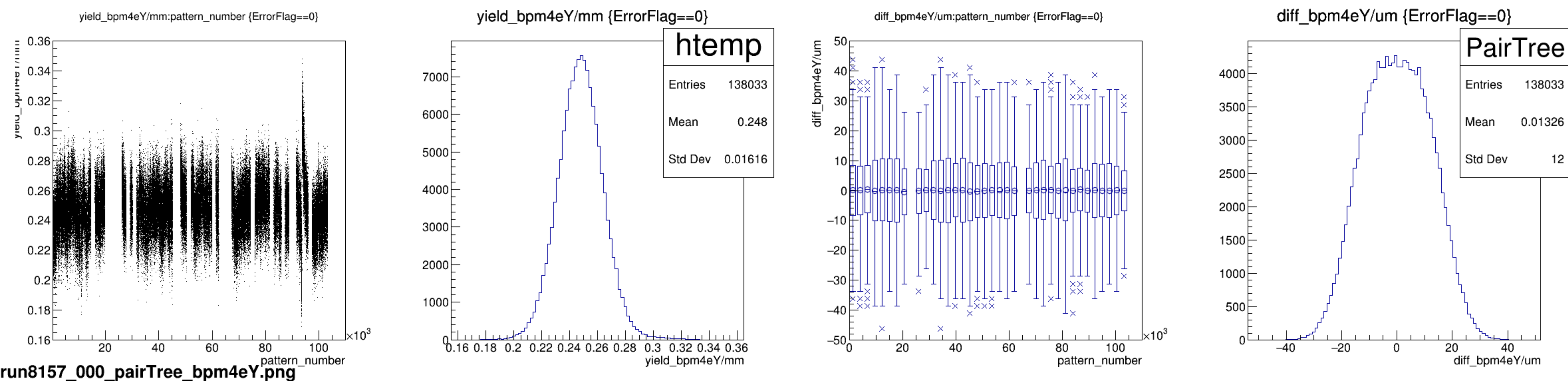


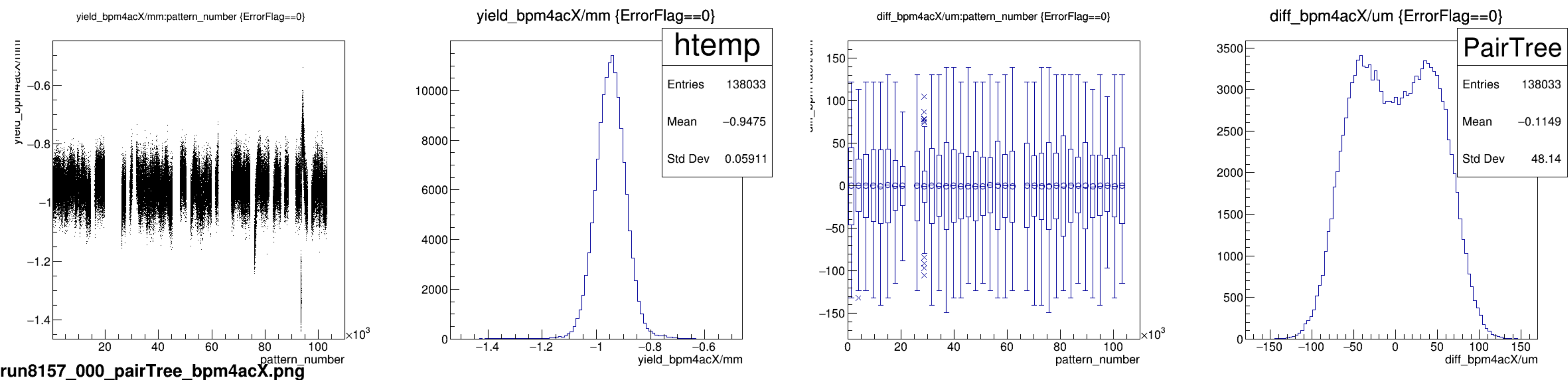


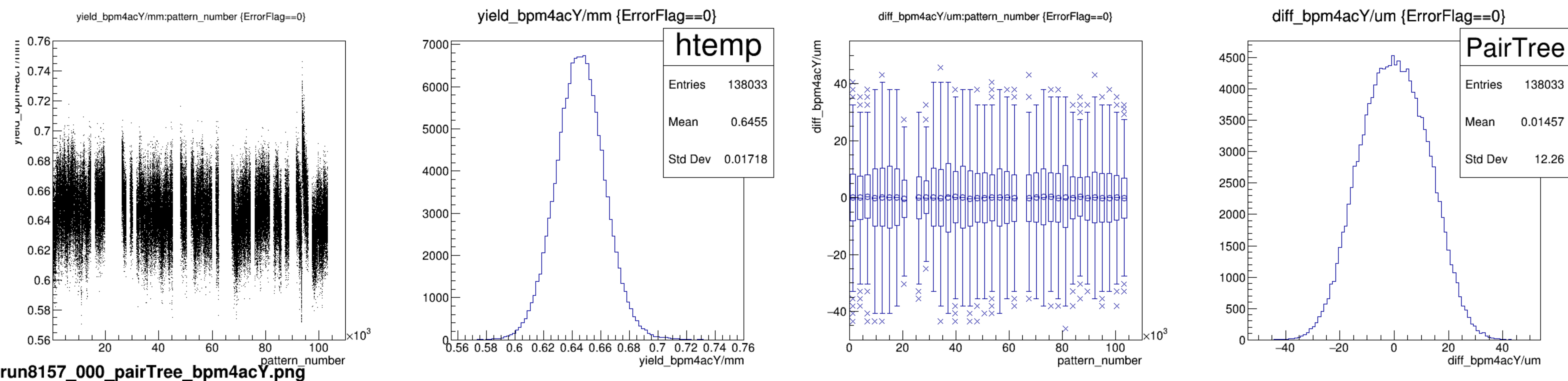
run8157_000_pairTree_bpm4aY.png

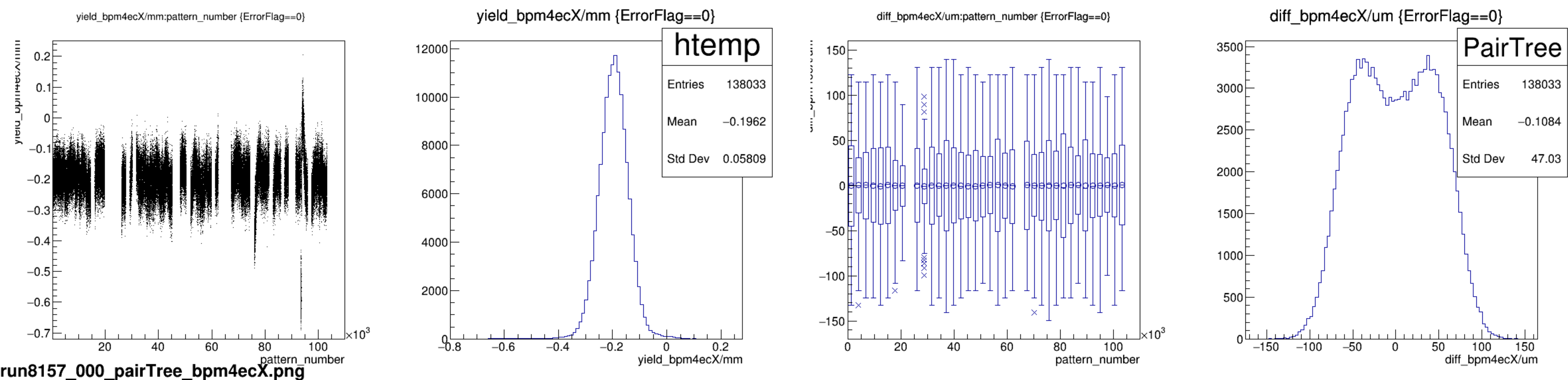




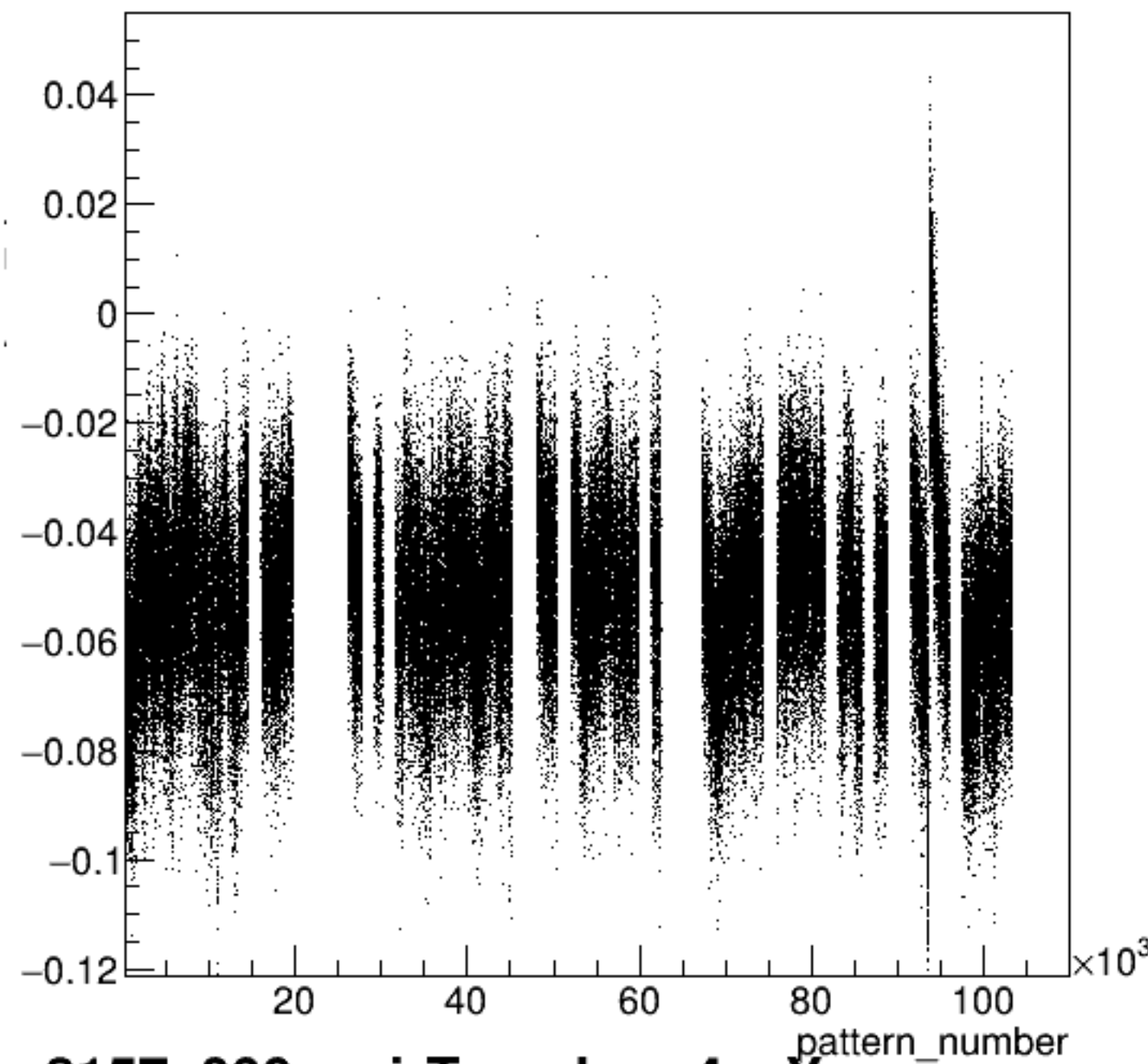






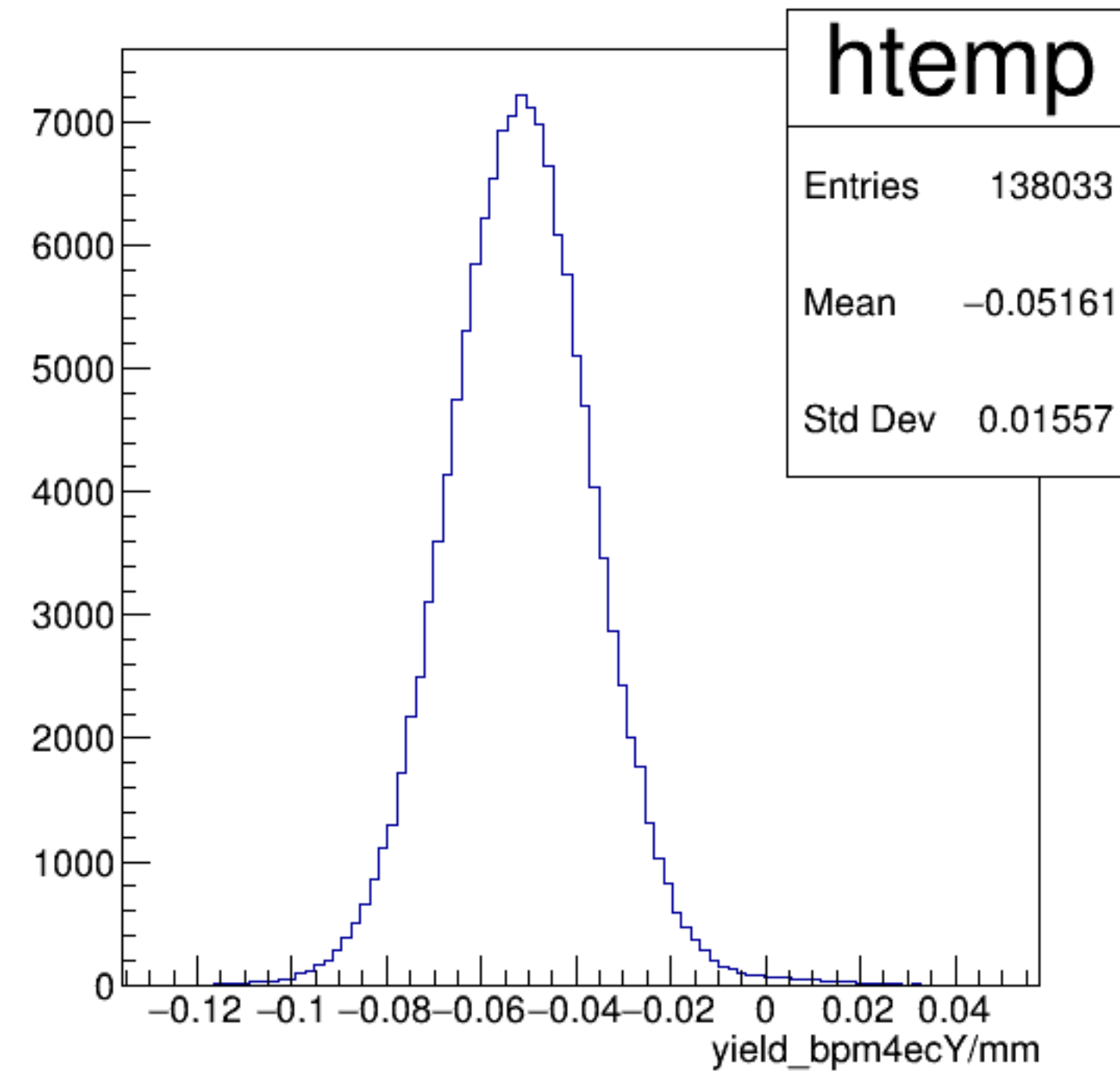


yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}

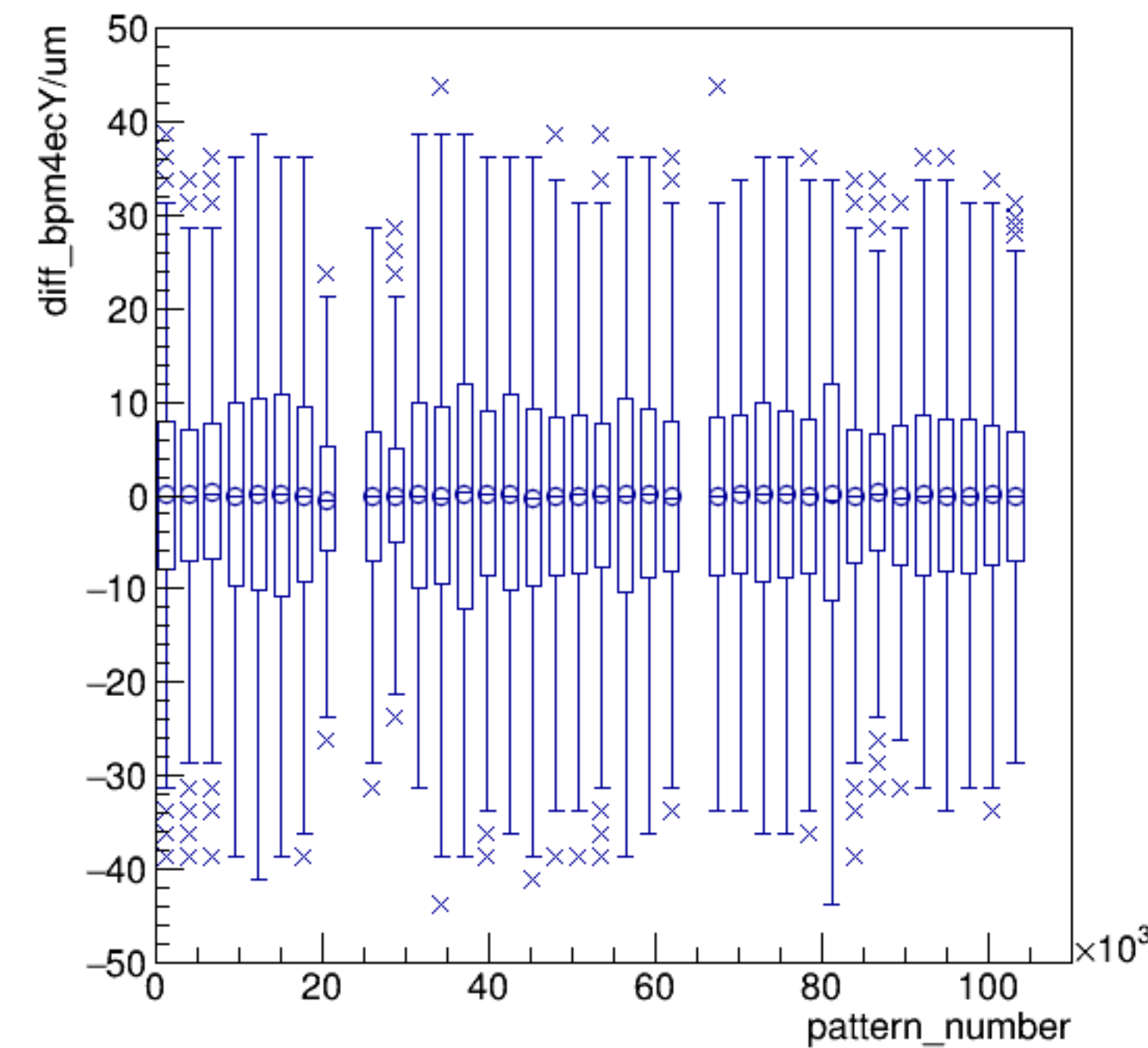


run8157_000_pairTree_bpm4ecY.png

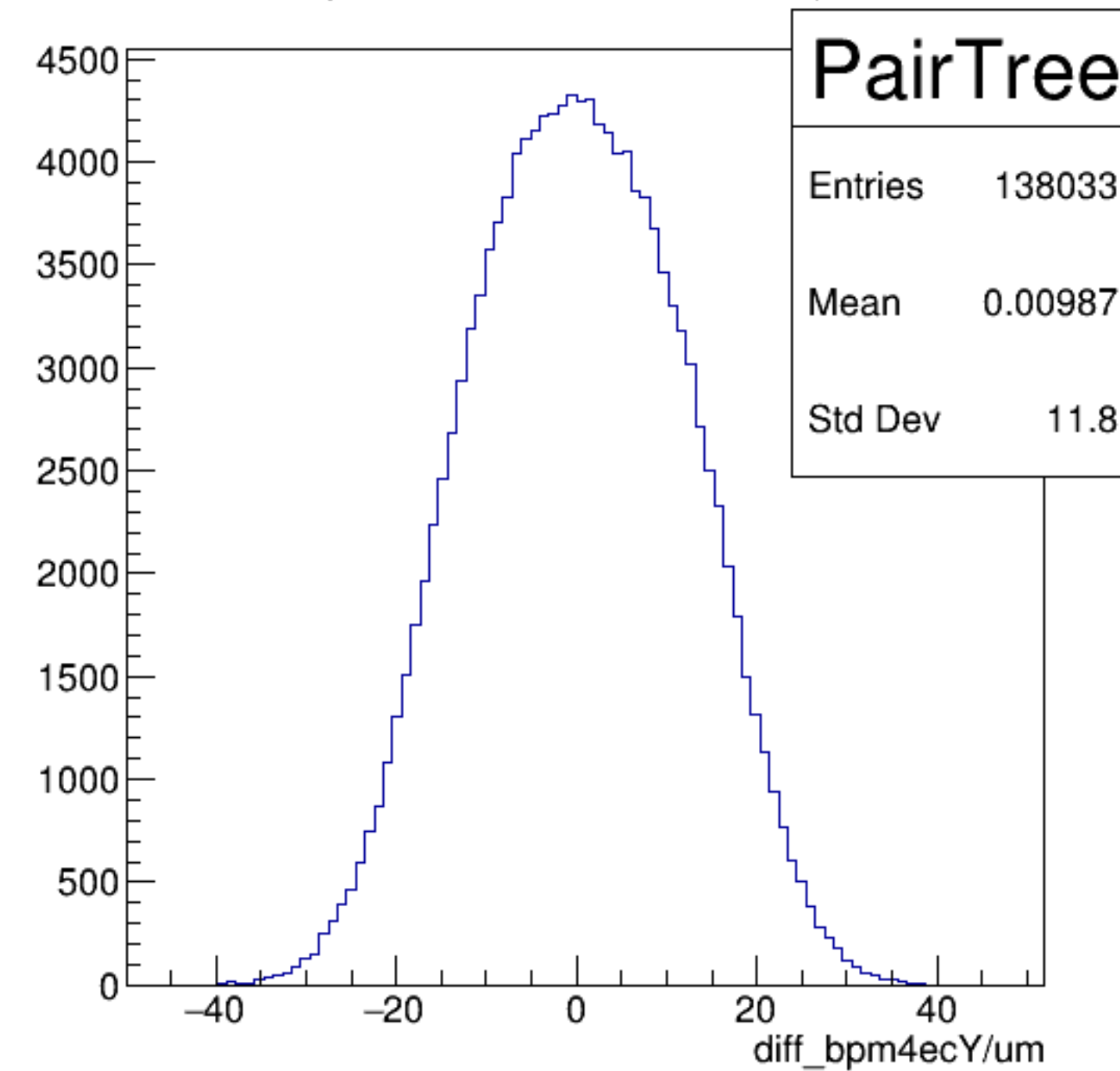
yield_bpm4ecY/mm {ErrorFlag==0}



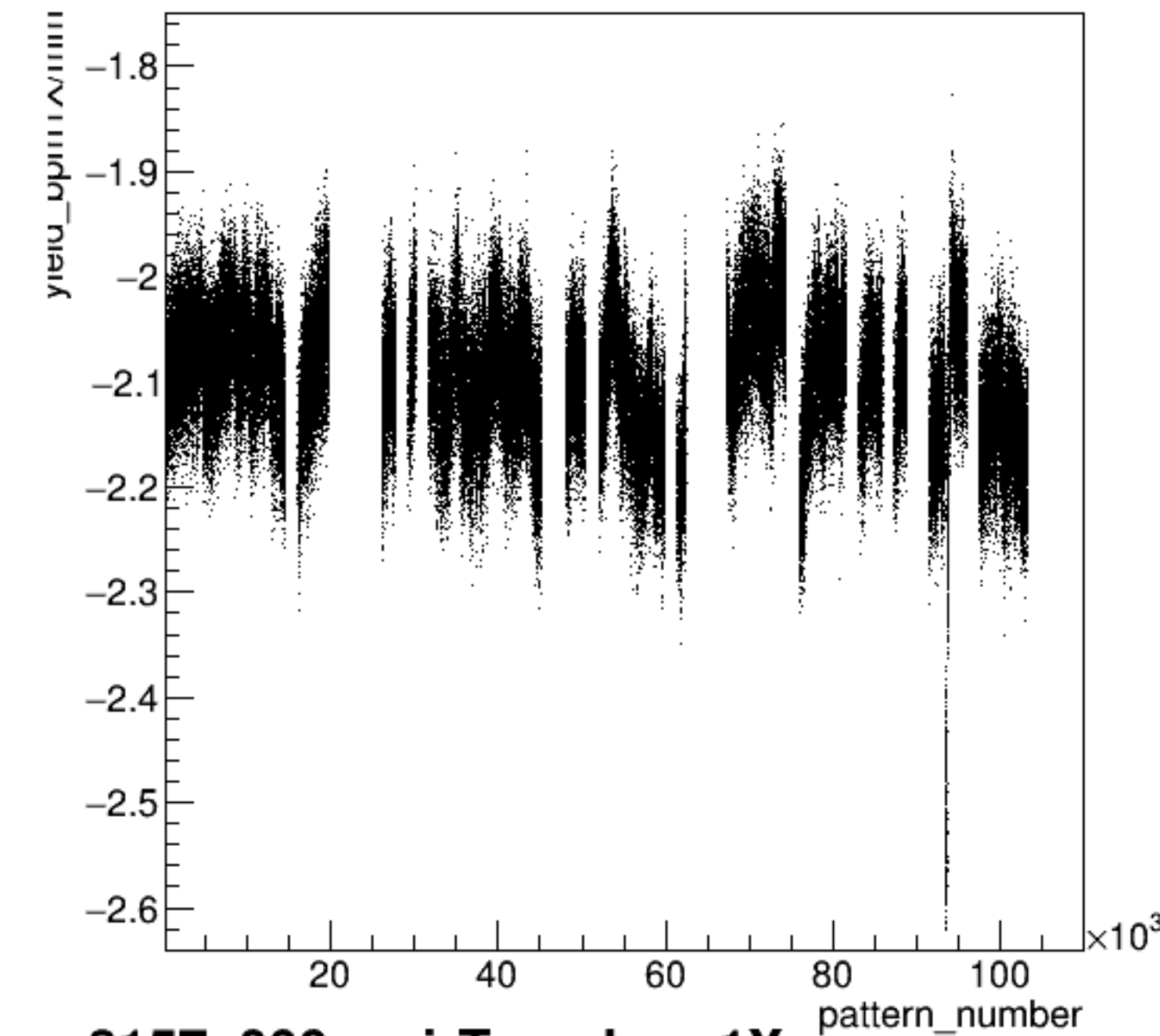
diff_bpm4ecY/um:pattern_number {ErrorFlag==0}



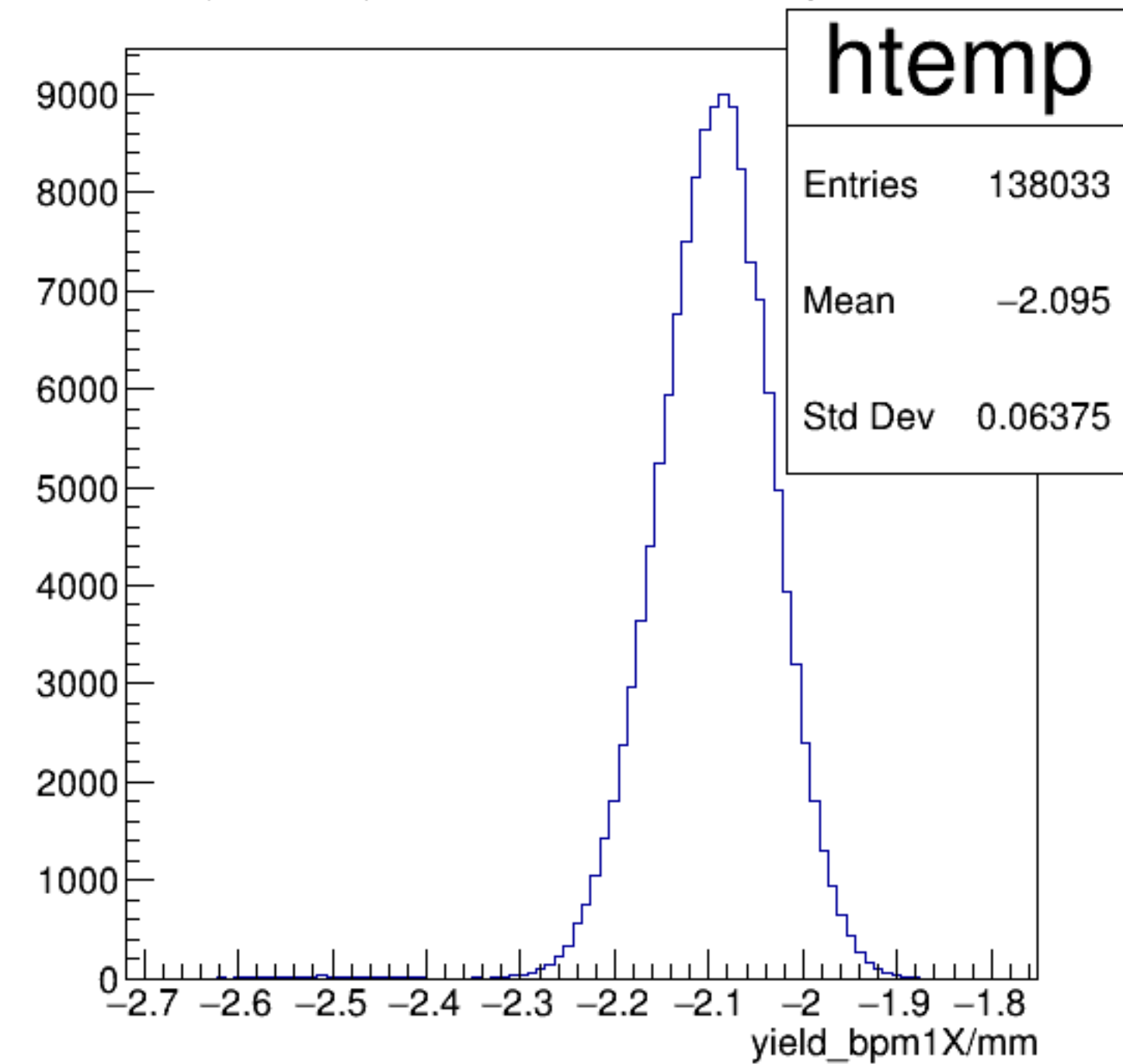
diff_bpm4ecY/um {ErrorFlag==0}



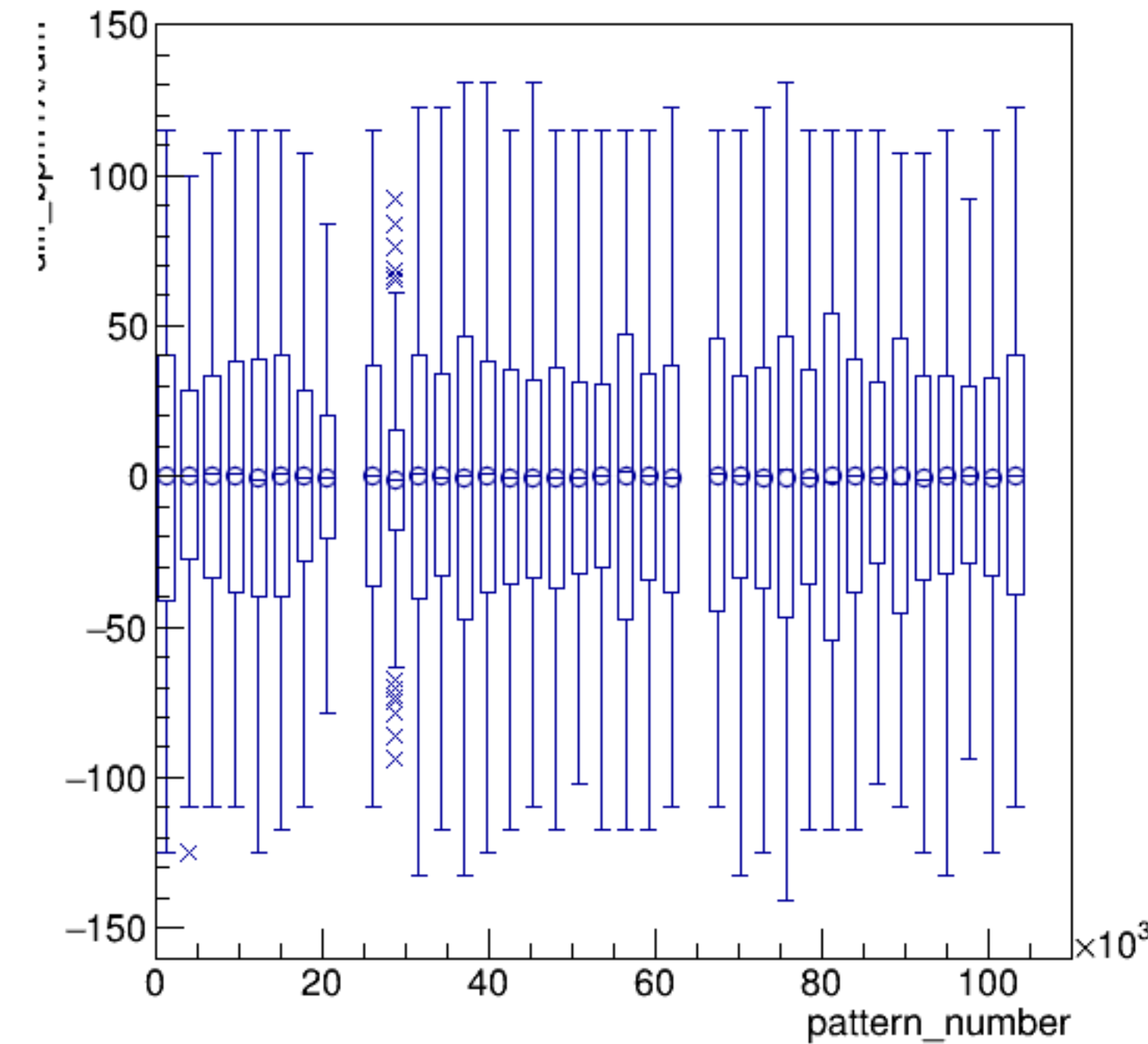
yield_bpm1X/mm:pattern_number {ErrorFlag==0}



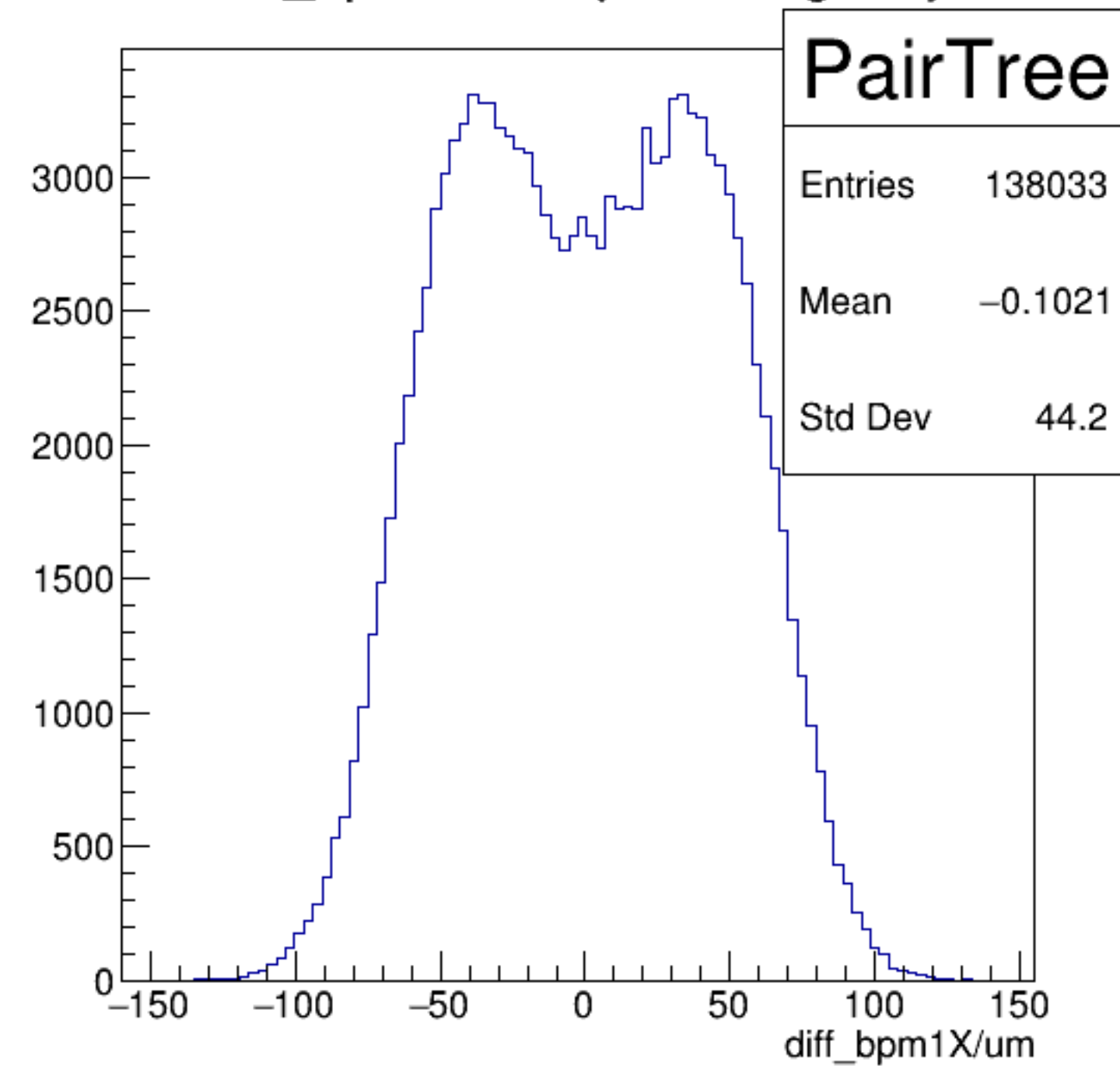
yield_bpm1X/mm {ErrorFlag==0}

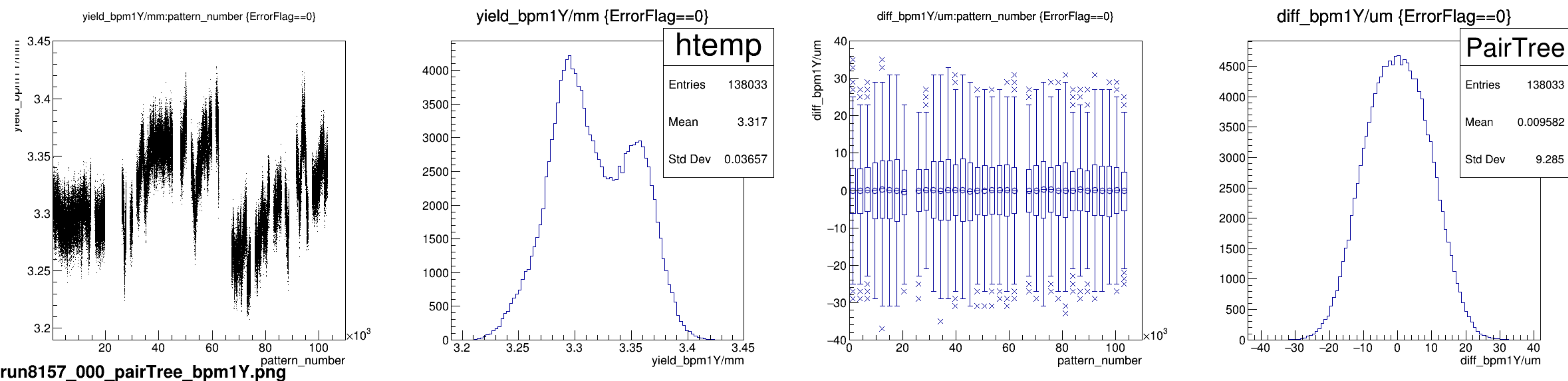


diff_bpm1X/um:pattern_number {ErrorFlag==0}

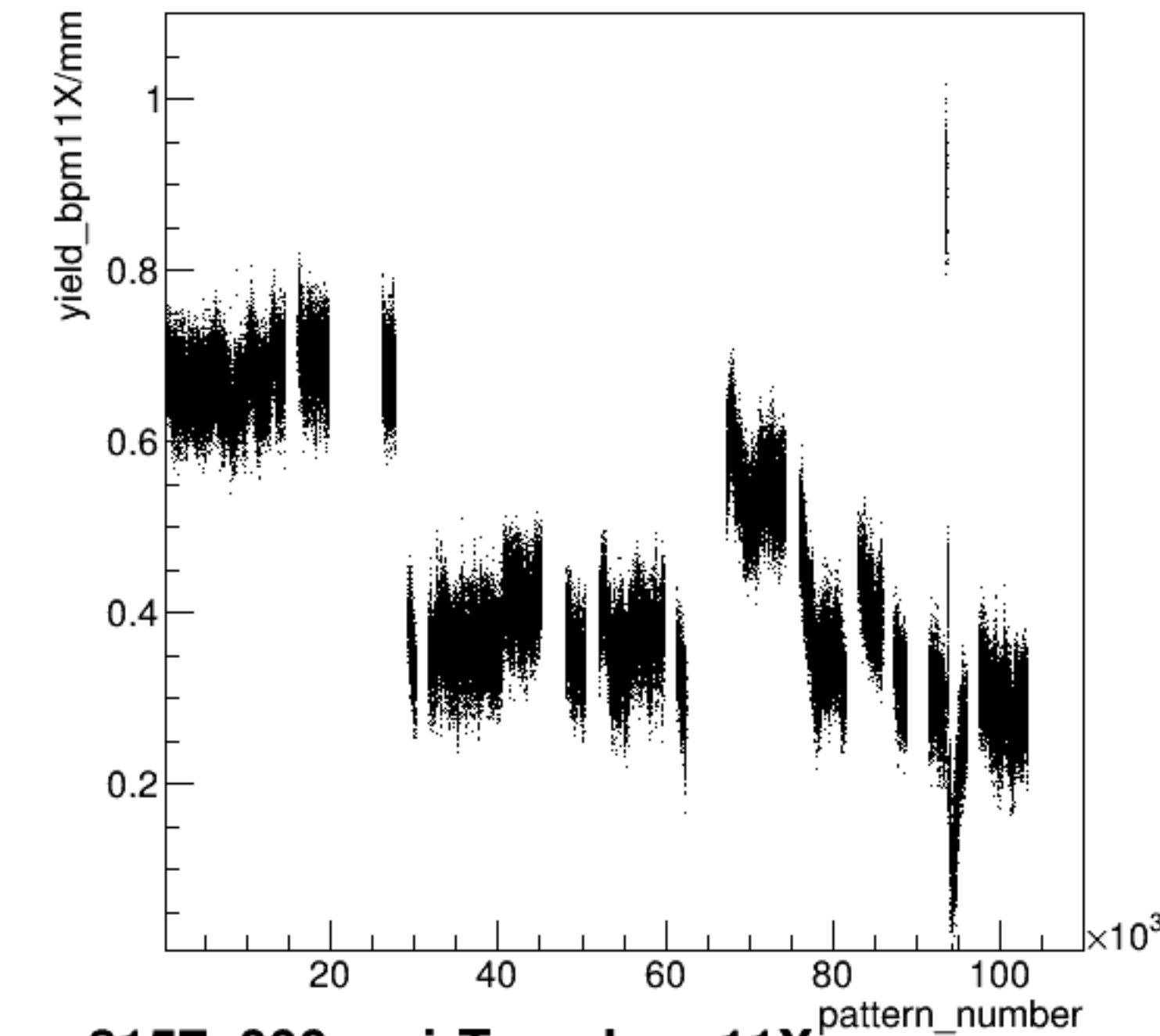


diff_bpm1X/um {ErrorFlag==0}



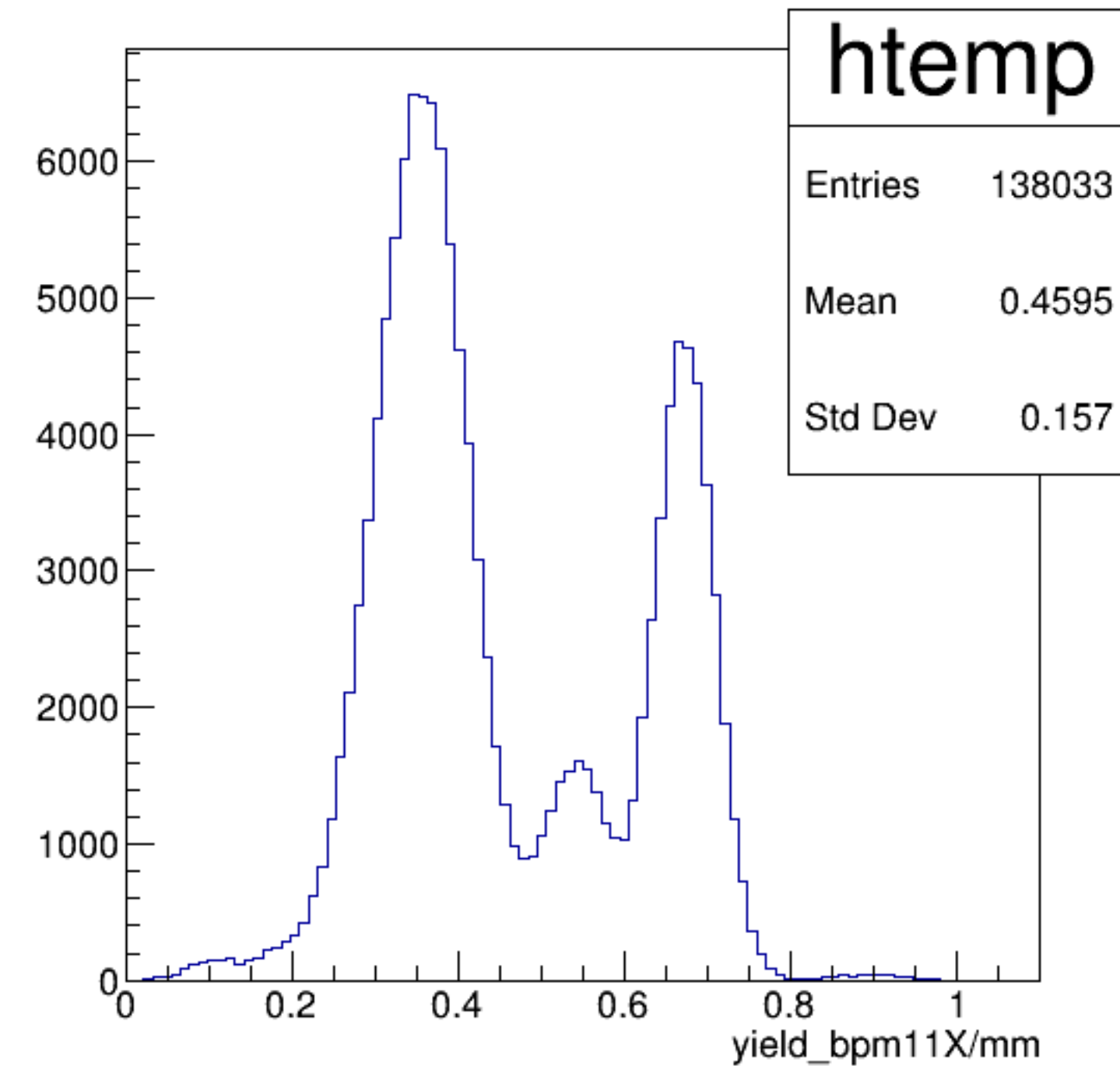


yield_bpm11X/mm:pattern_number {ErrorFlag==0}

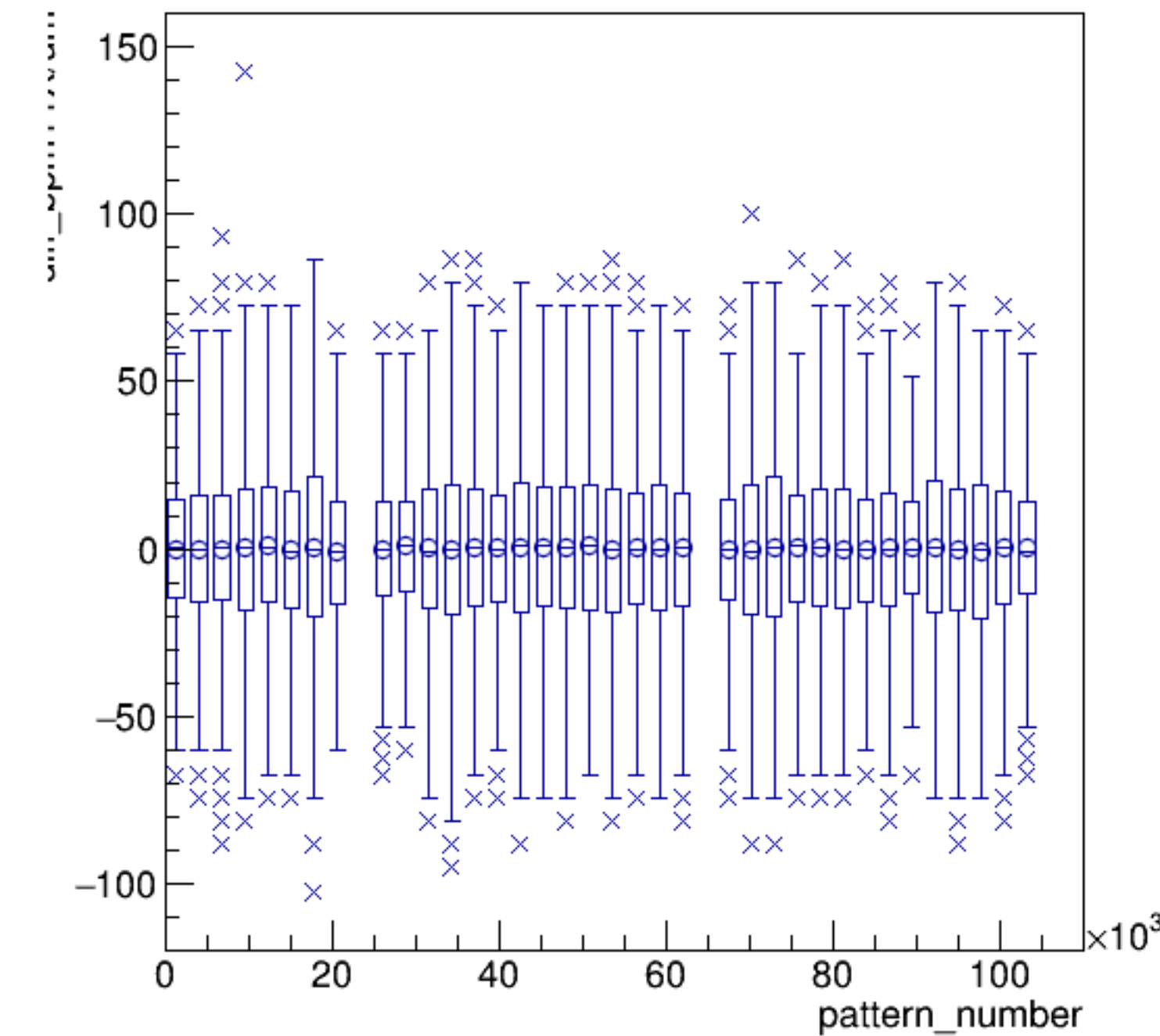


run8157_000_pairTree_bpm11X.png

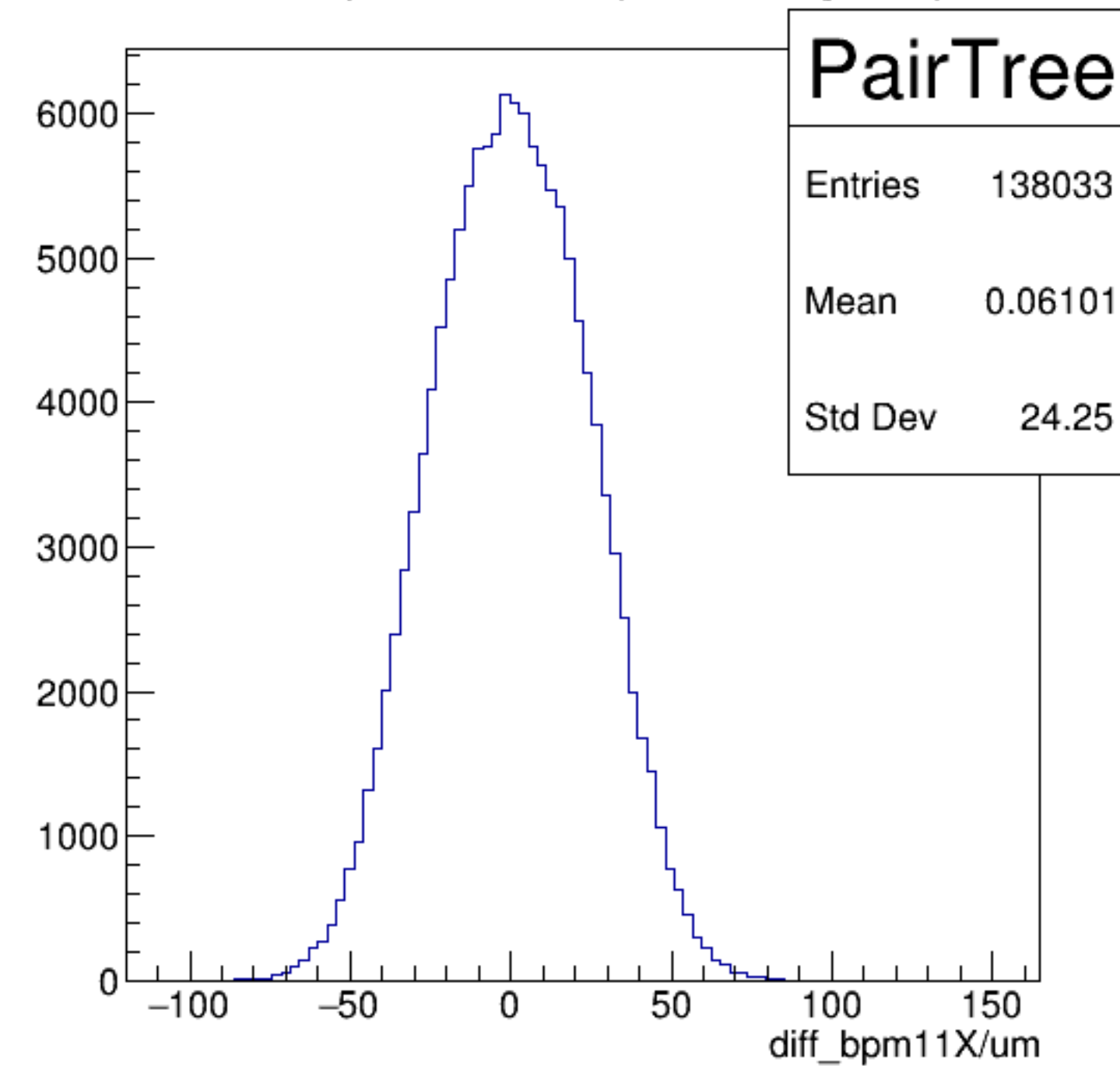
yield_bpm11X/mm {ErrorFlag==0}



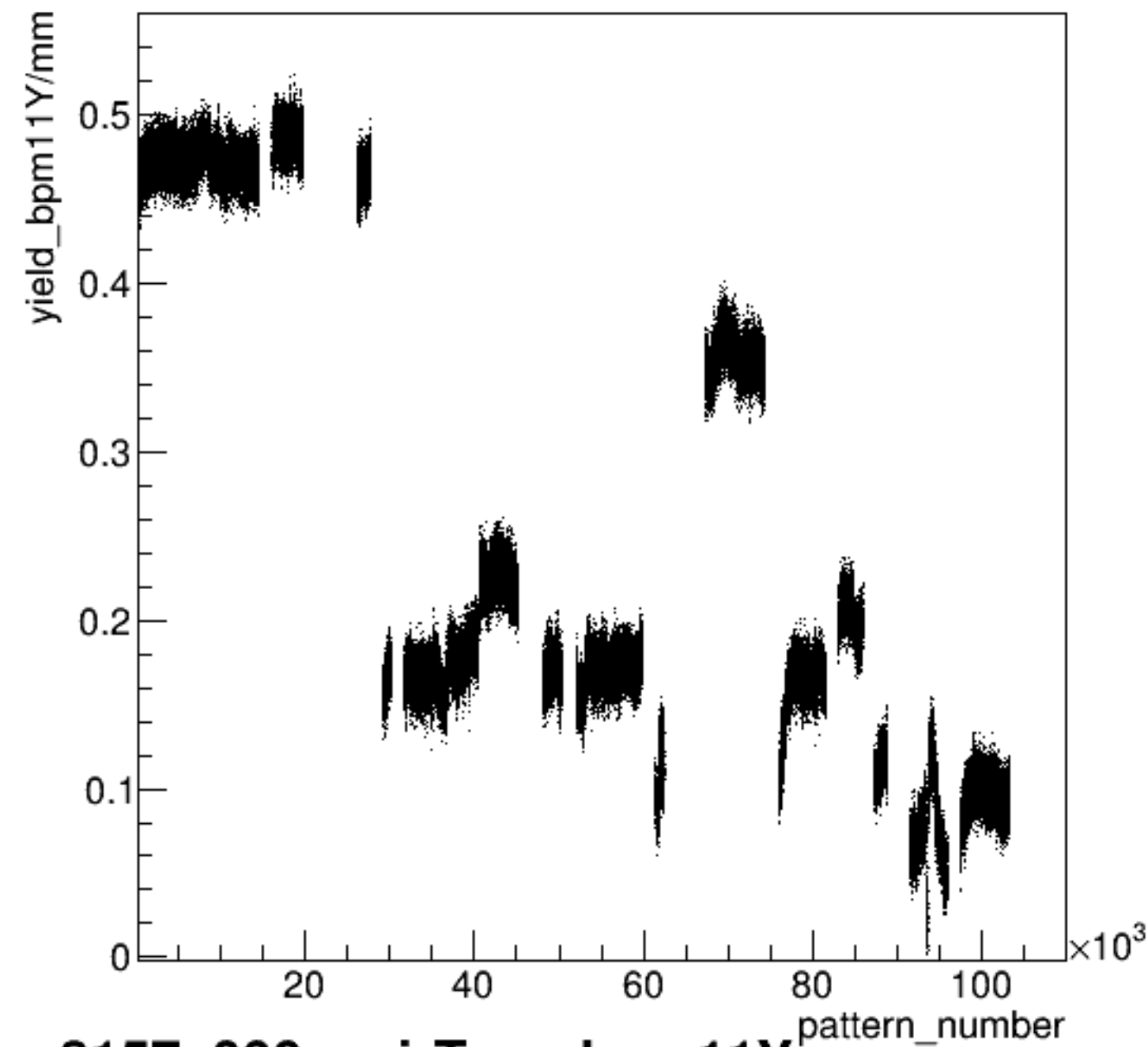
diff_bpm11X/um:pattern_number {ErrorFlag==0}



diff_bpm11X/um {ErrorFlag==0}

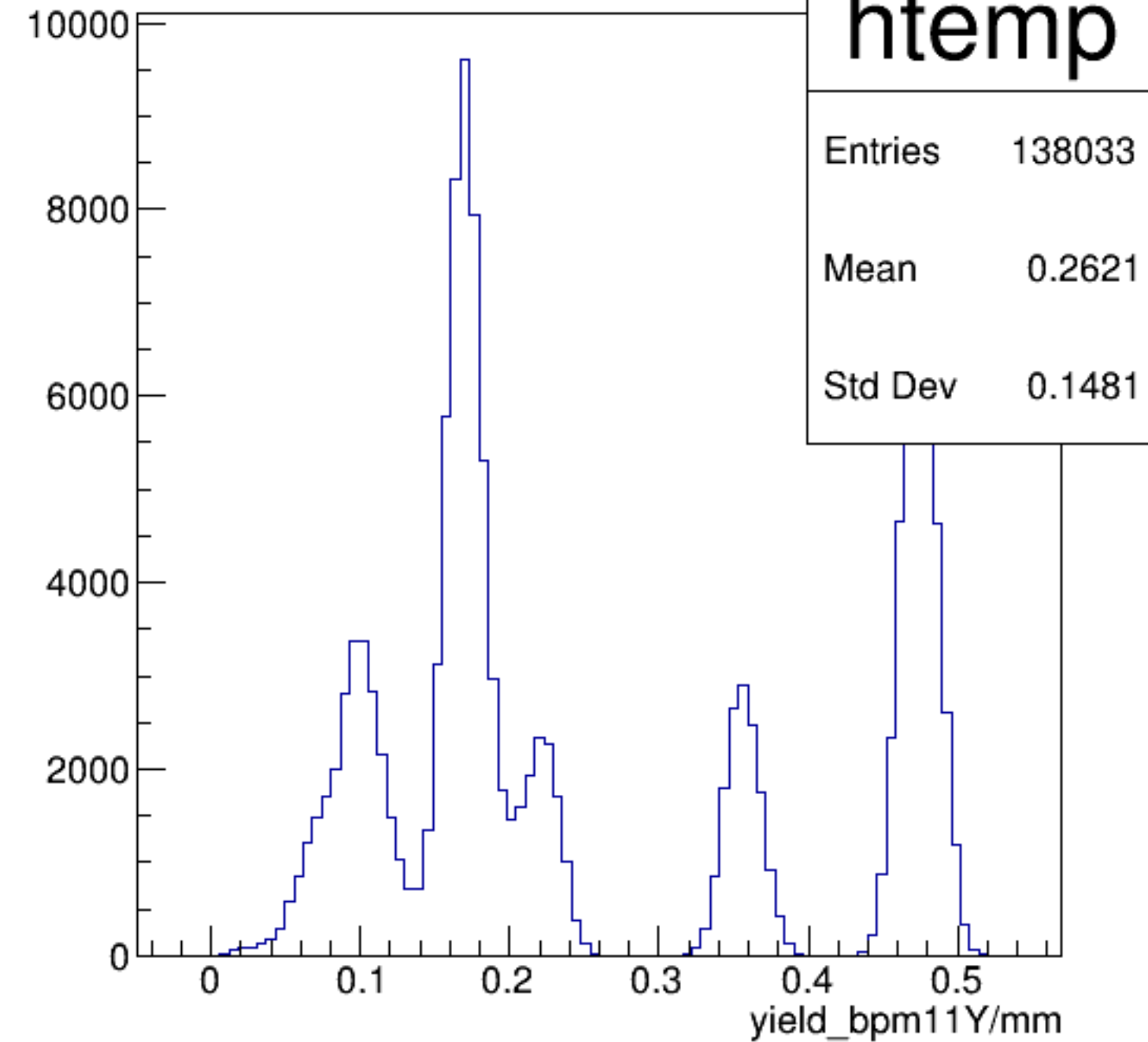


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

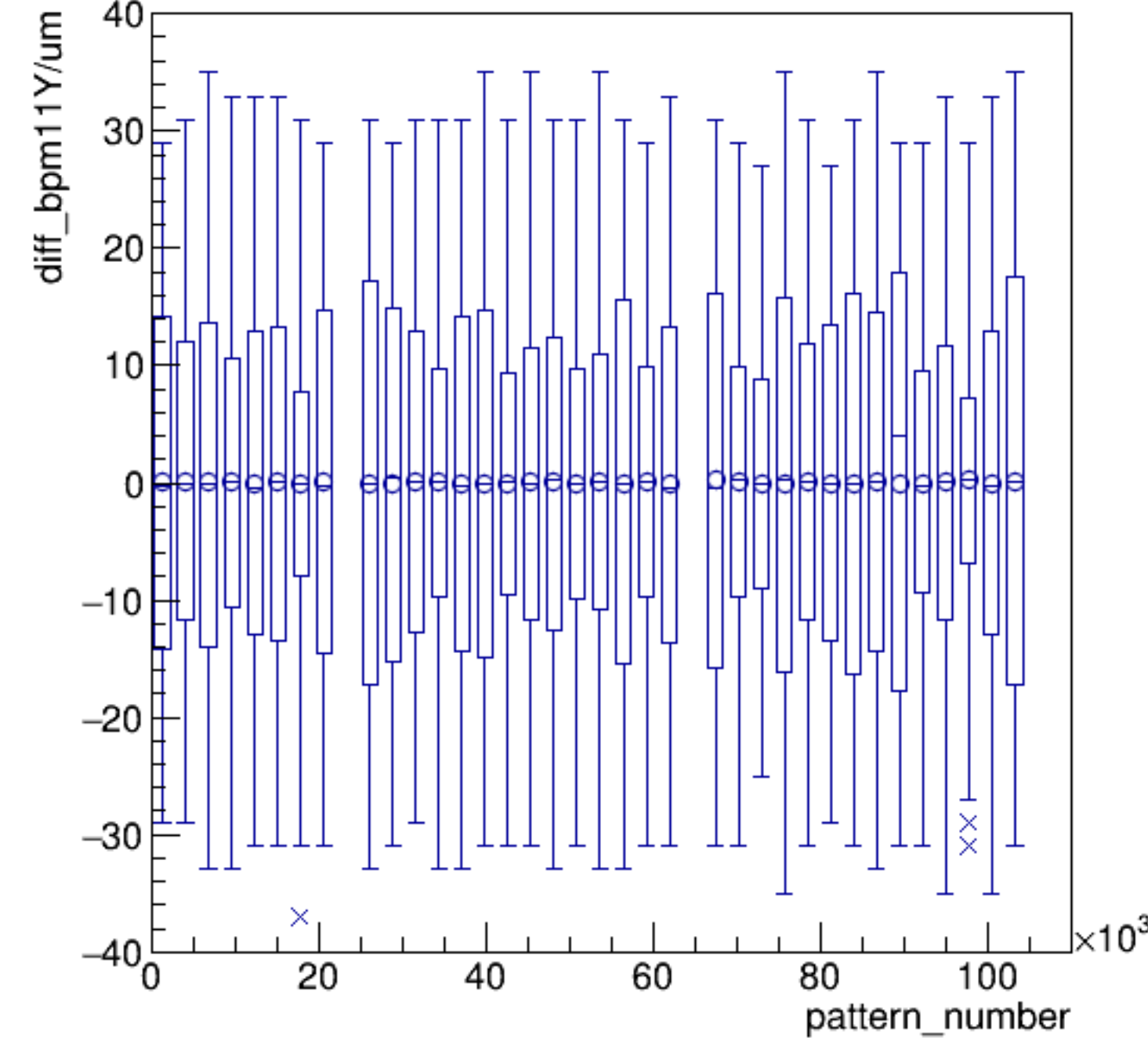


run8157_000_pairTree_bpm11Y.png

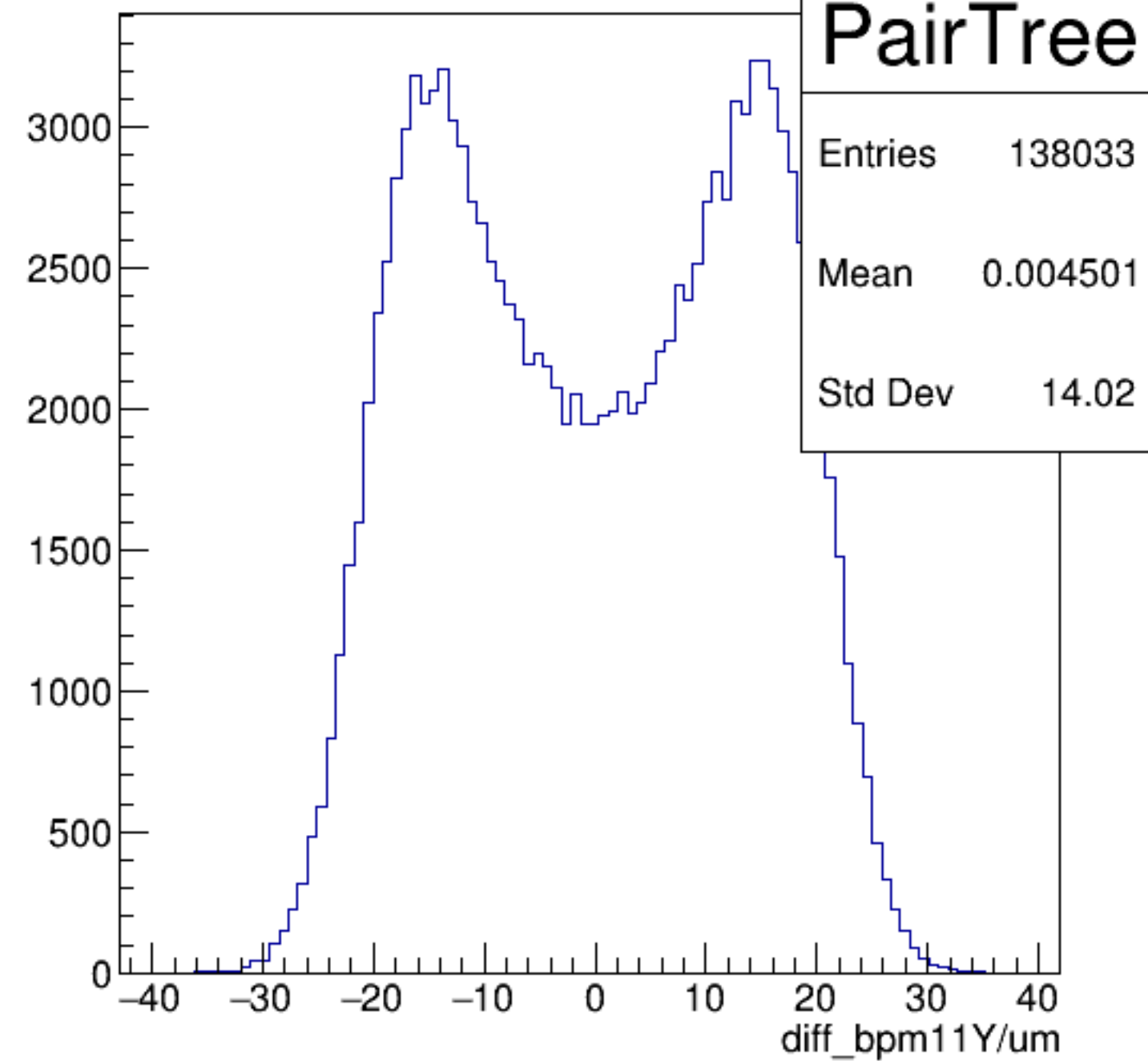
yield_bpm11Y/mm {ErrorFlag==0}



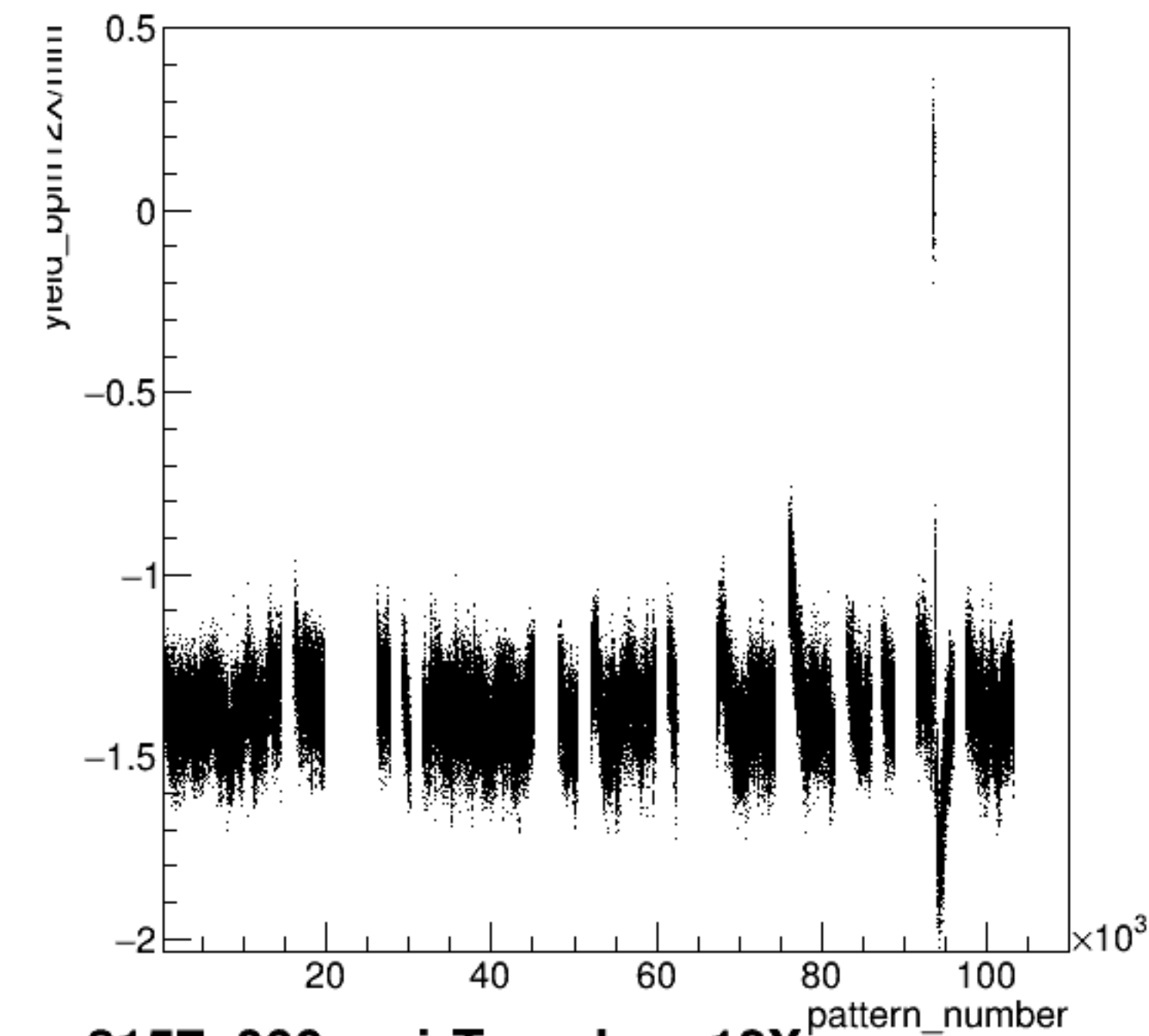
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diff_bpm11Y/um {ErrorFlag==0}

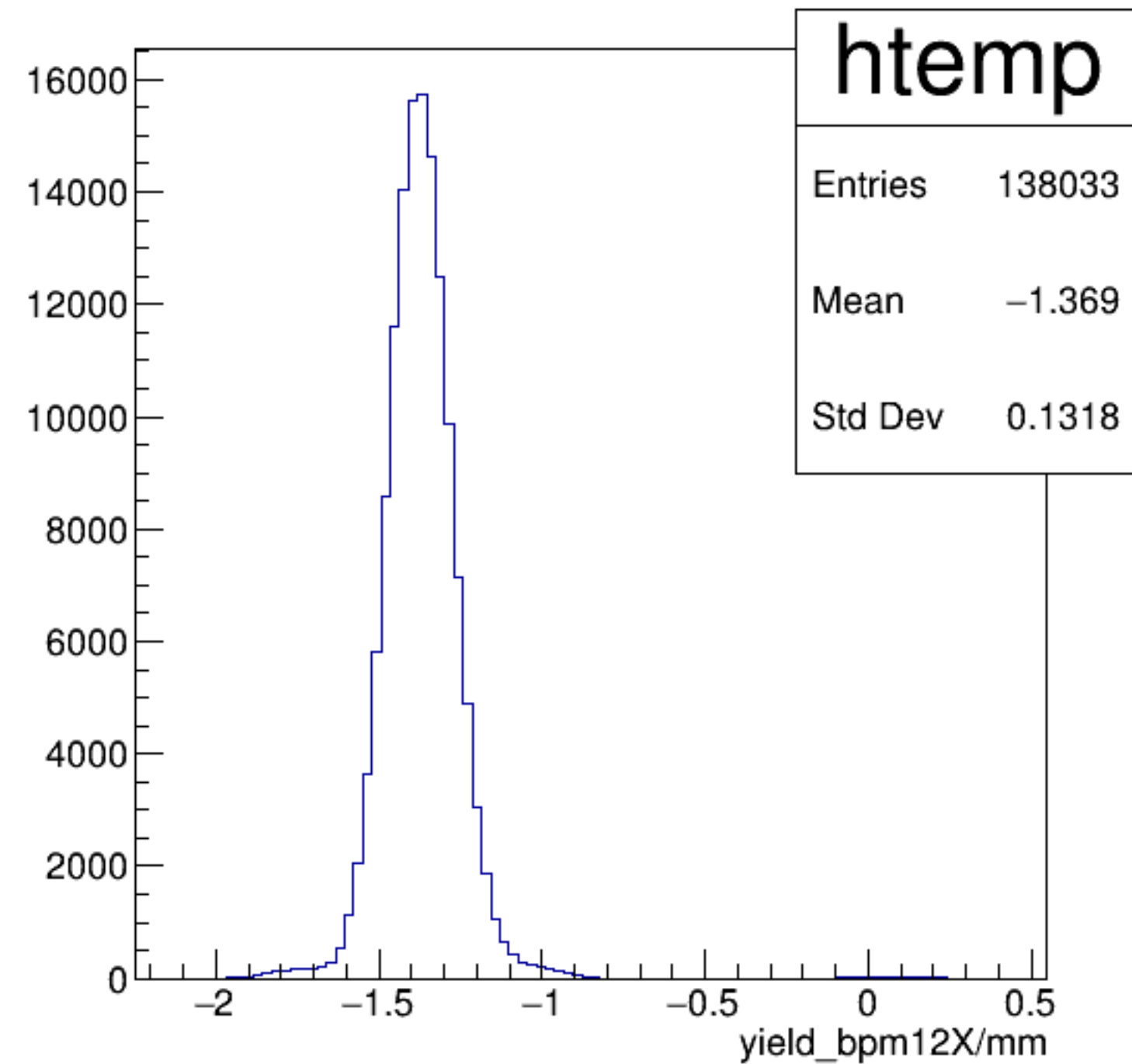


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

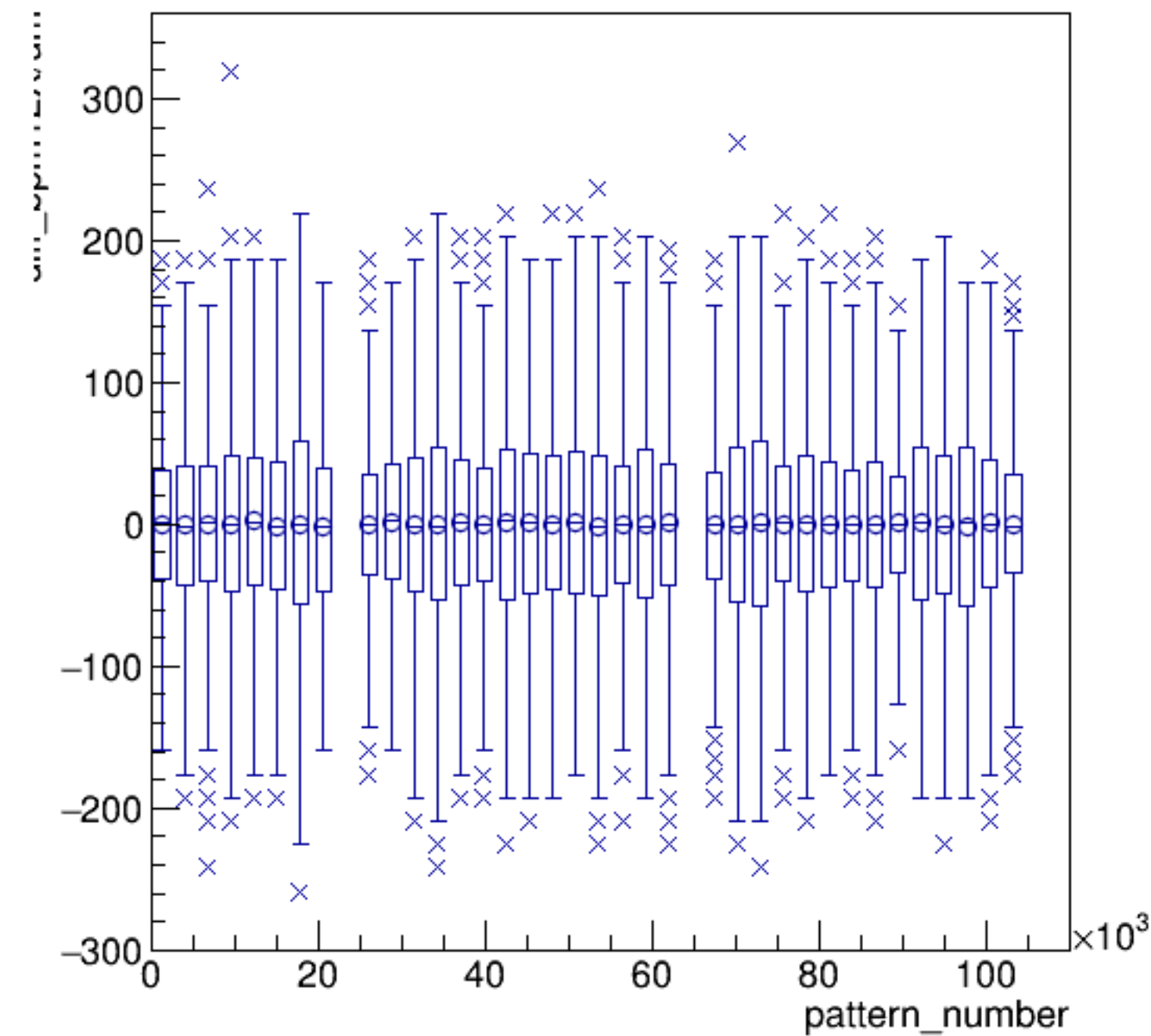


run8157_000_pairTree_bpm12X.png

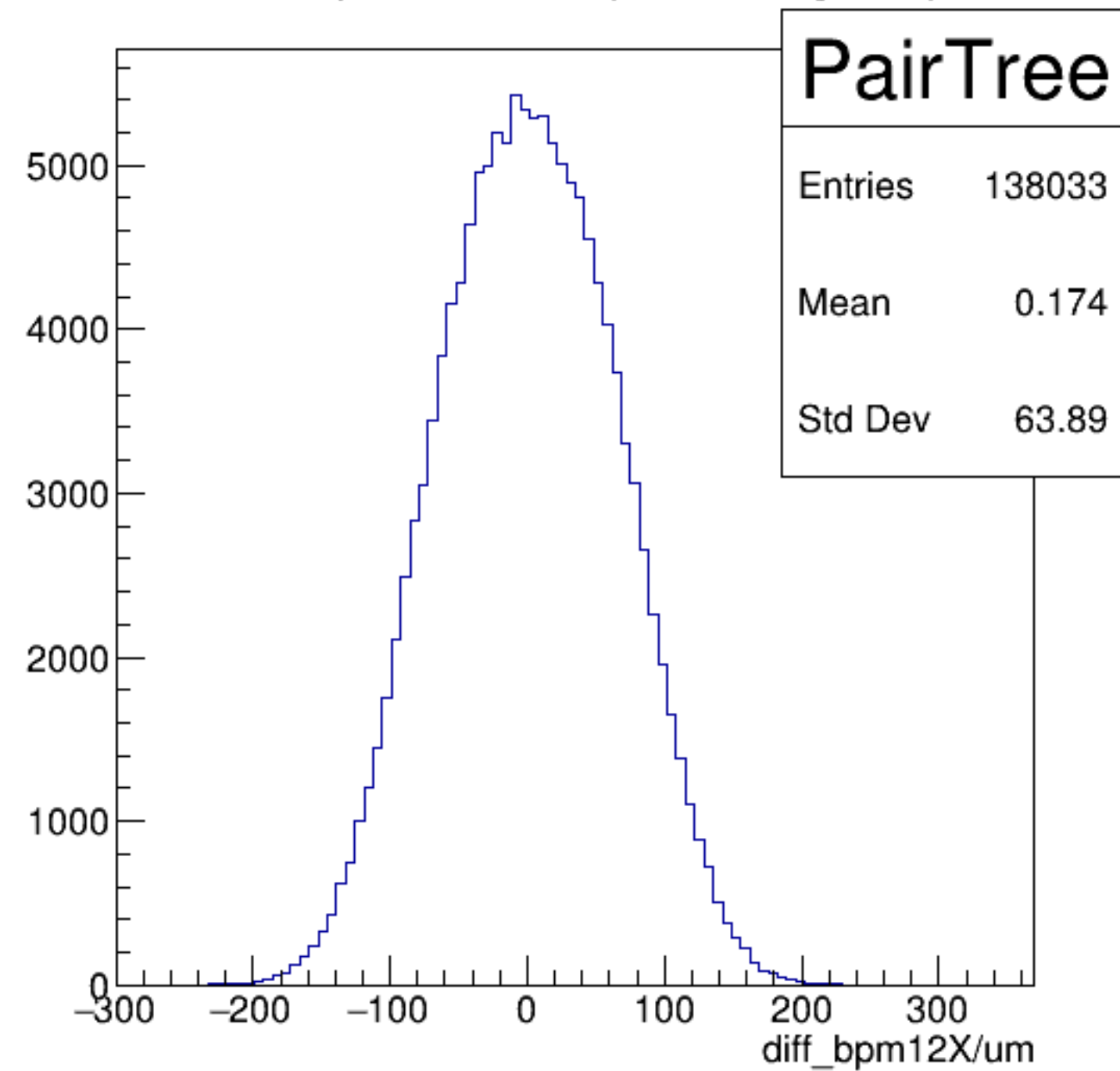
yield_bpm12X/mm {ErrorFlag==0}

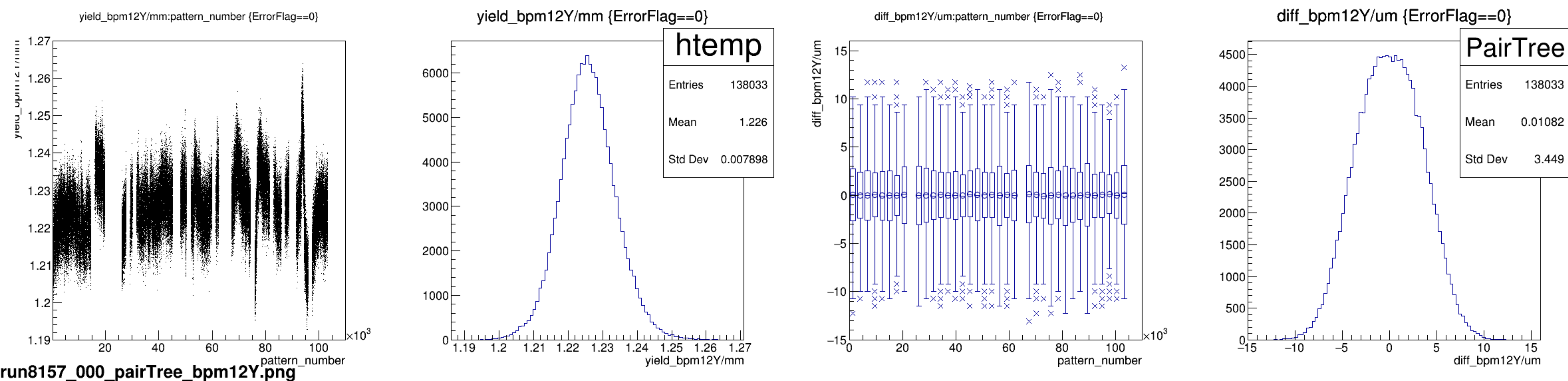


diff_bpm12X/um:pattern_number {ErrorFlag==0}

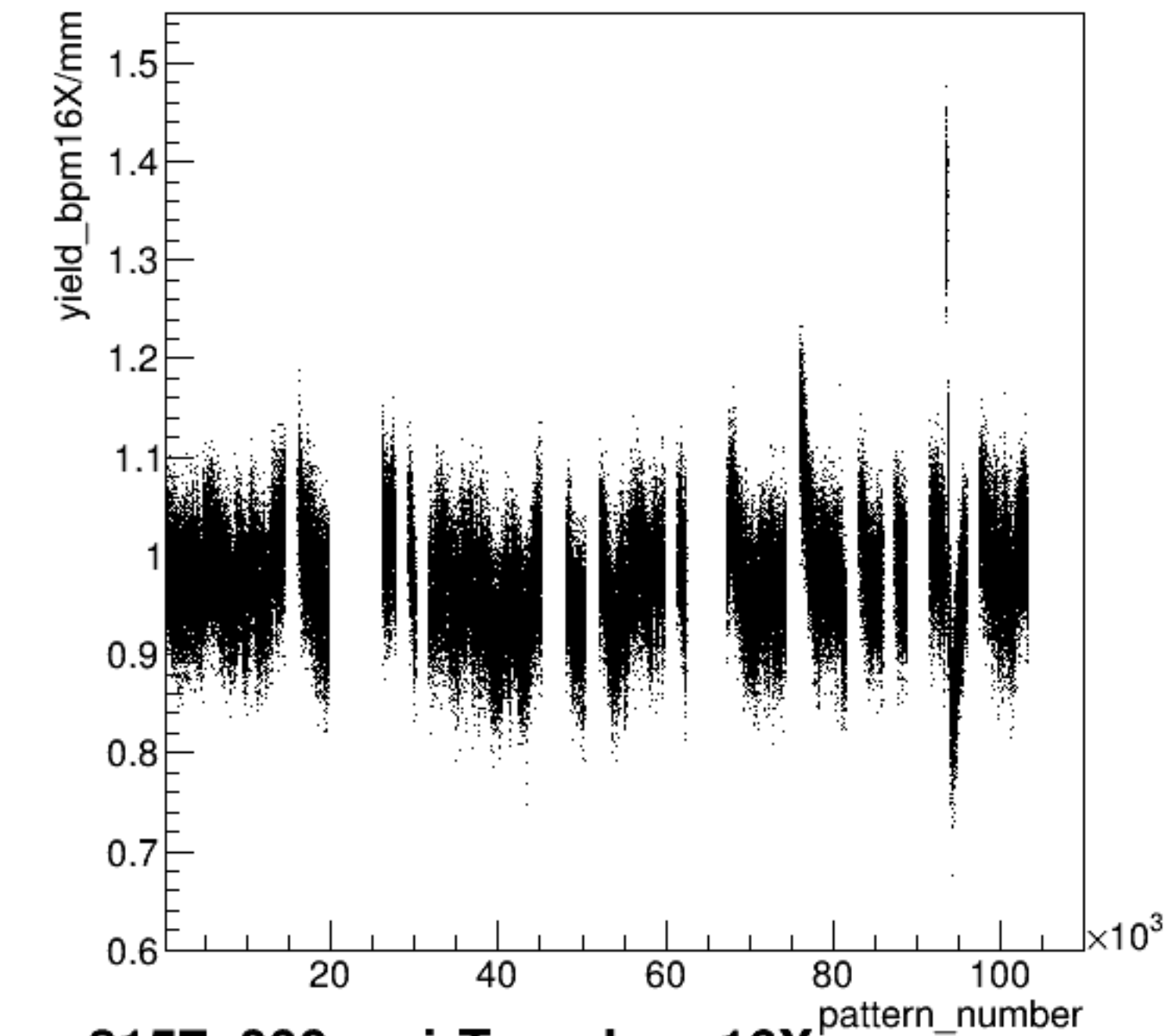


diff_bpm12X/um {ErrorFlag==0}



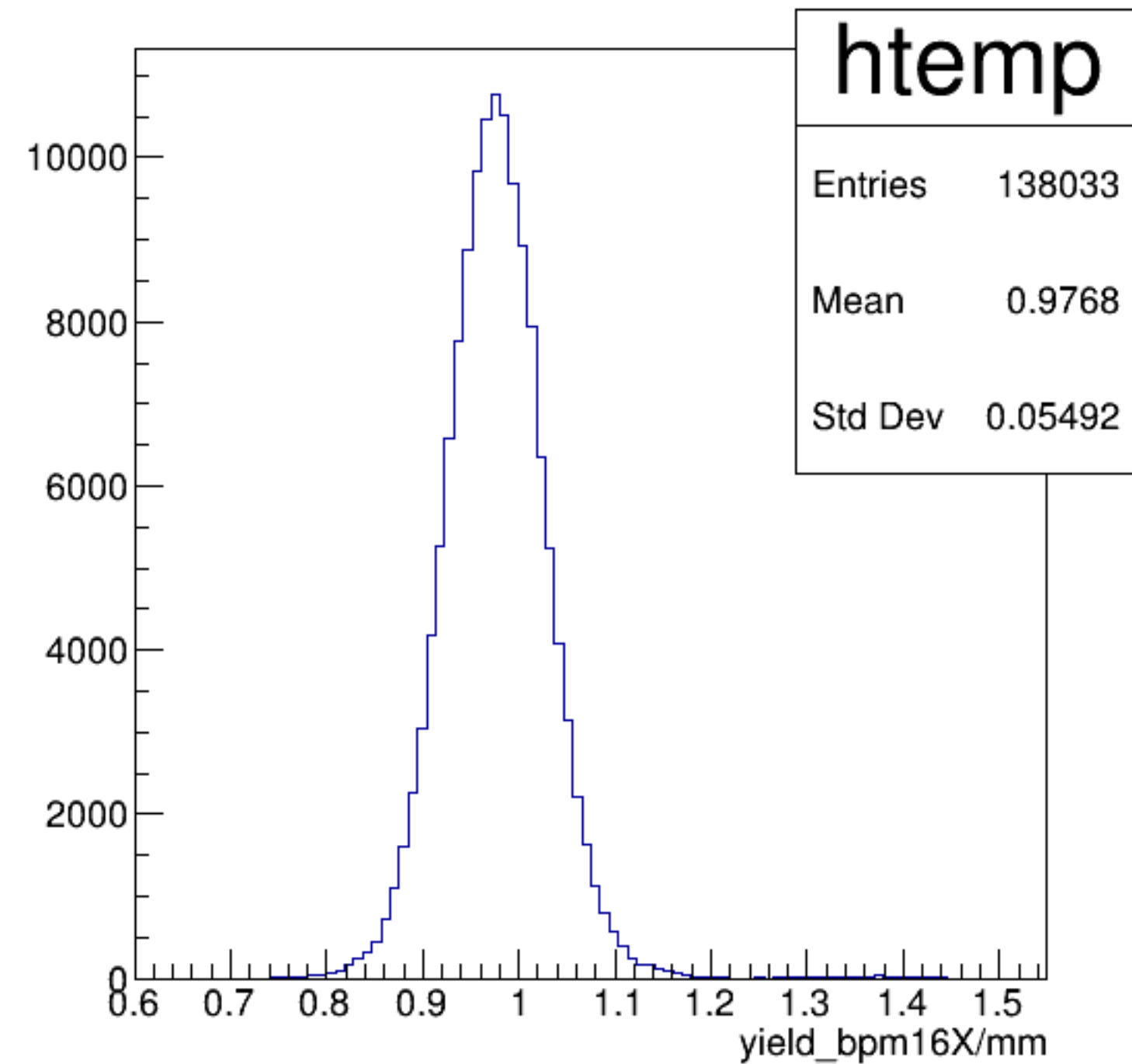


yield_bpm16X/mm:pattern_number {ErrorFlag==0}

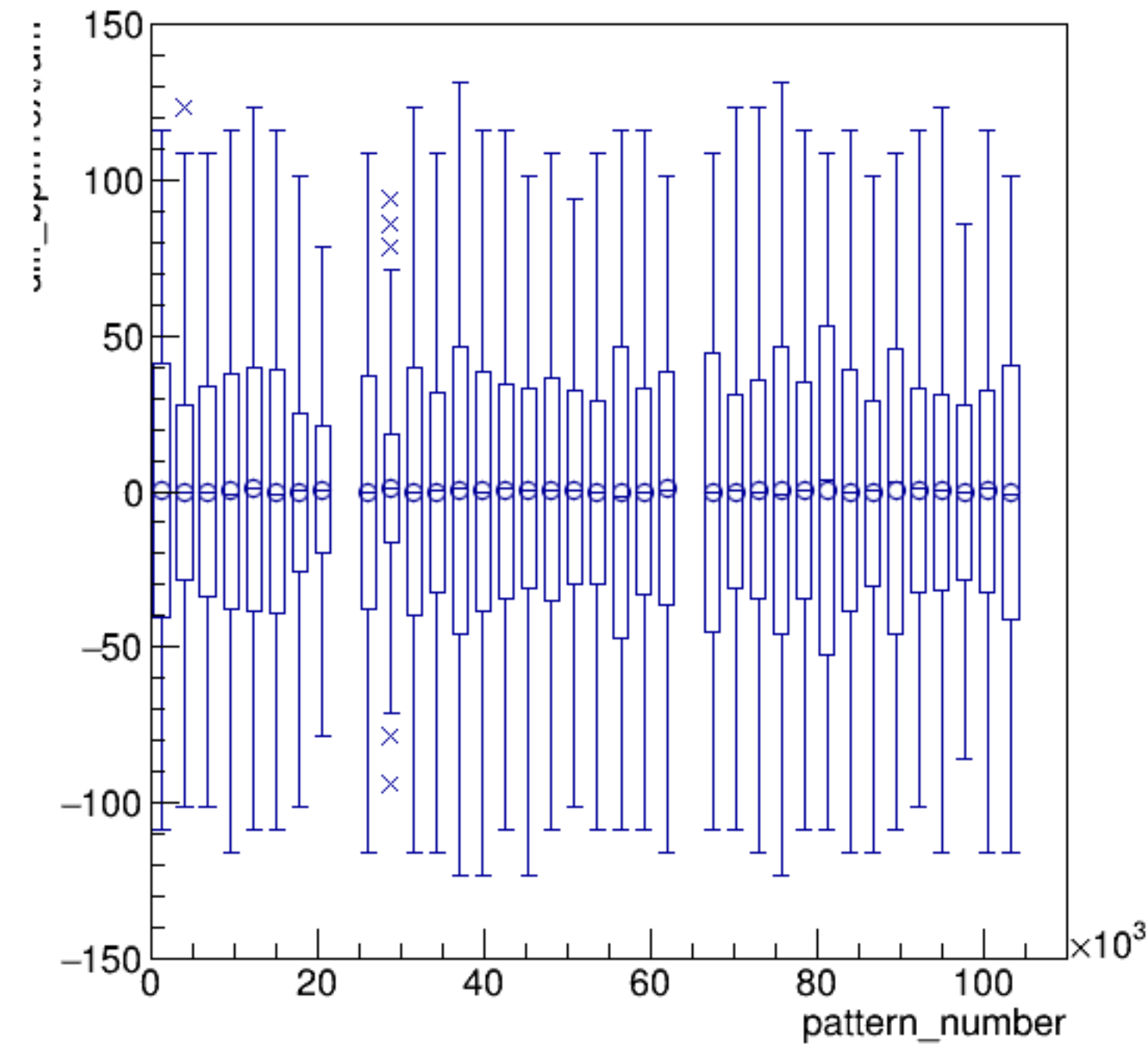


run8157_000_pairTree_bpm16X.png

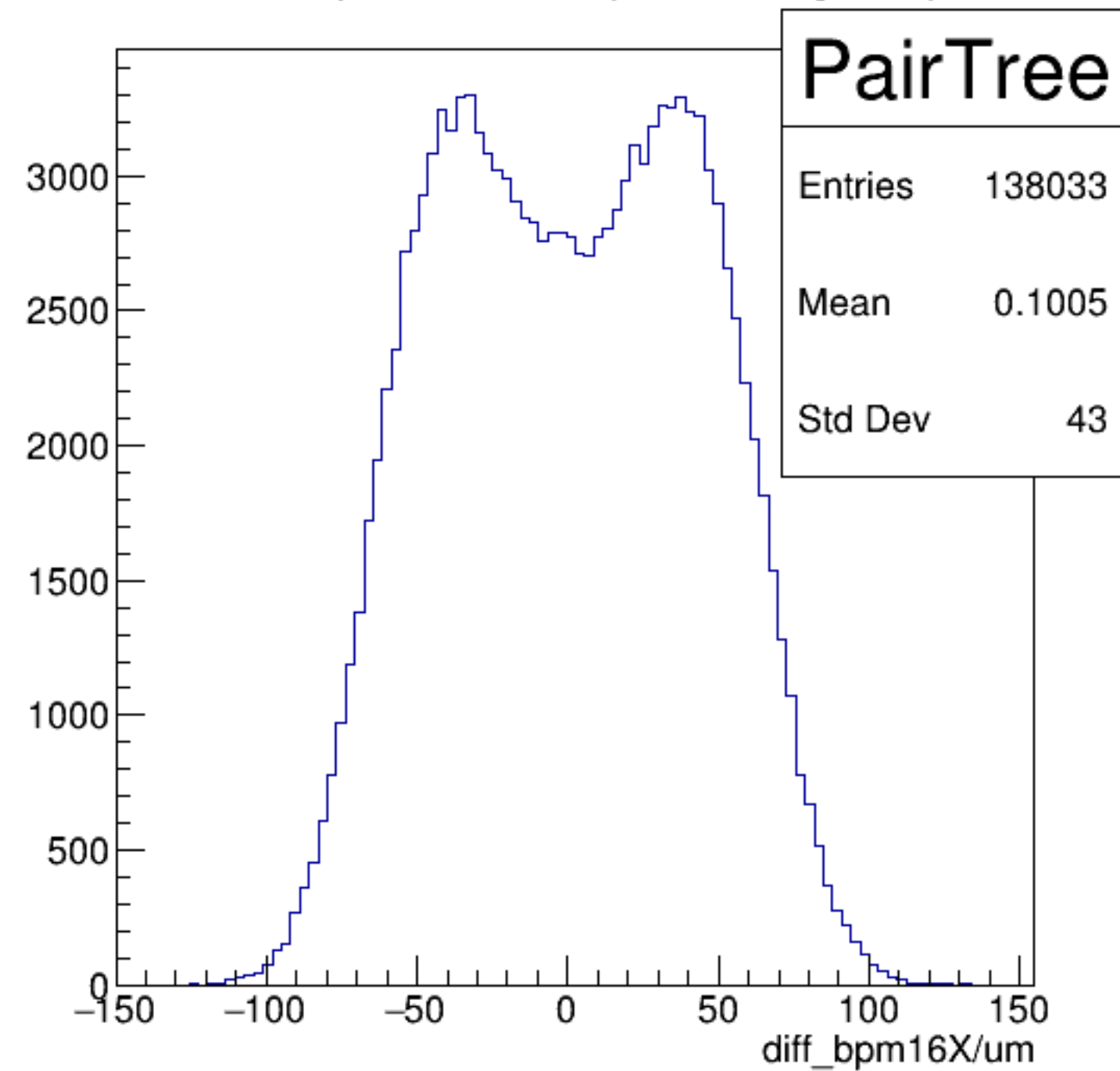
yield_bpm16X/mm {ErrorFlag==0}



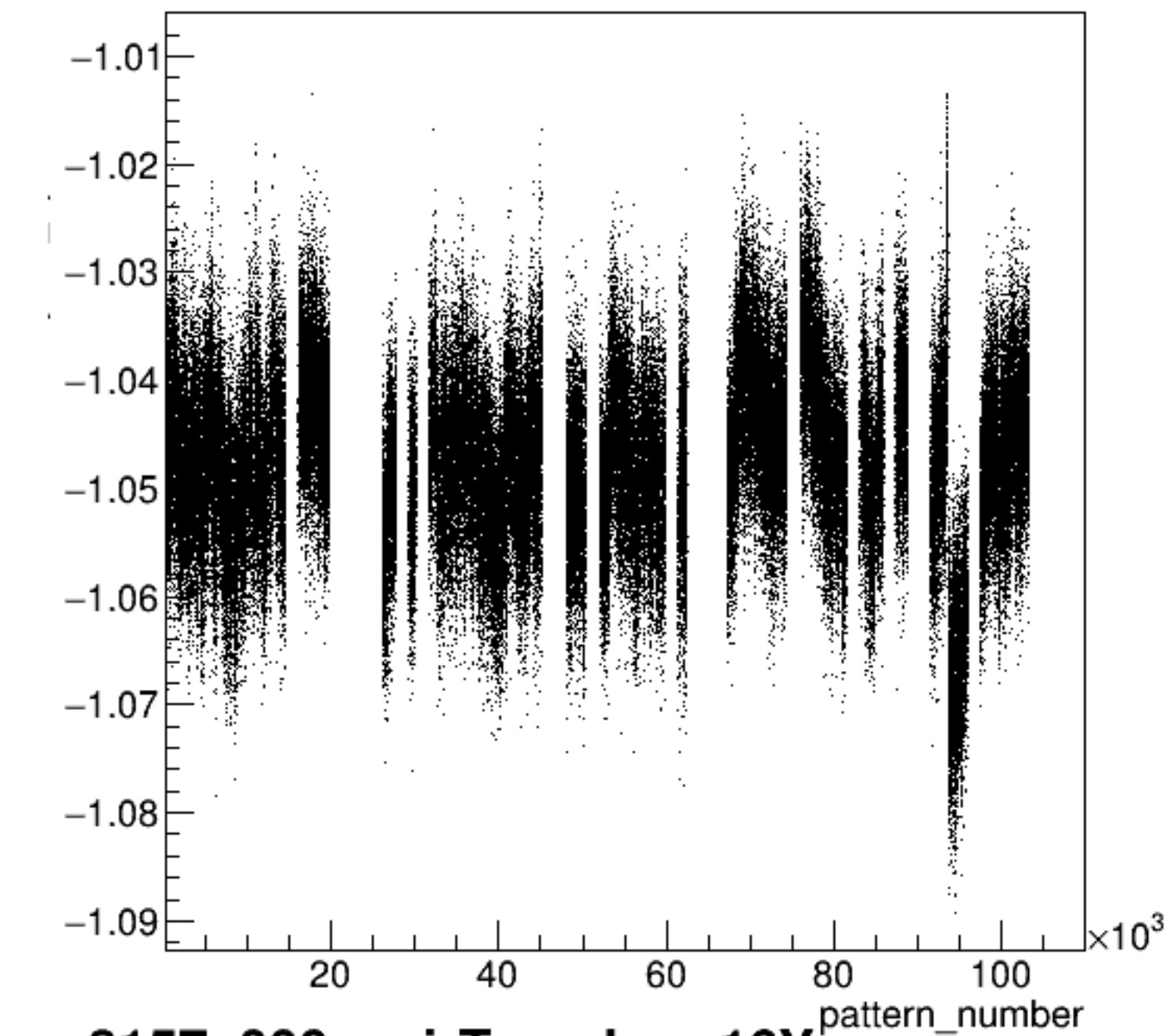
diff_bpm16X/um:pattern_number {ErrorFlag==0}



diff_bpm16X/um {ErrorFlag==0}

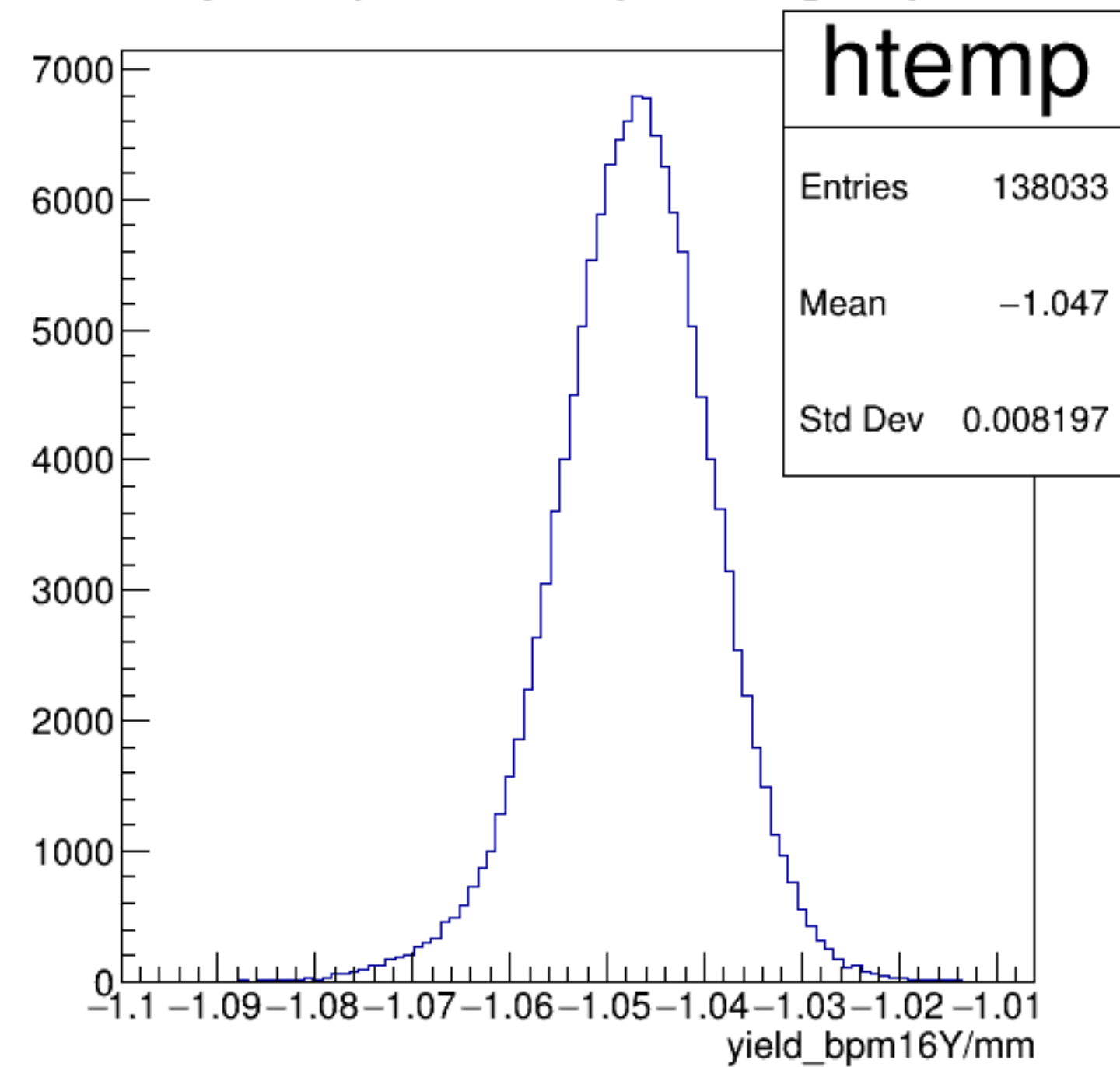


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

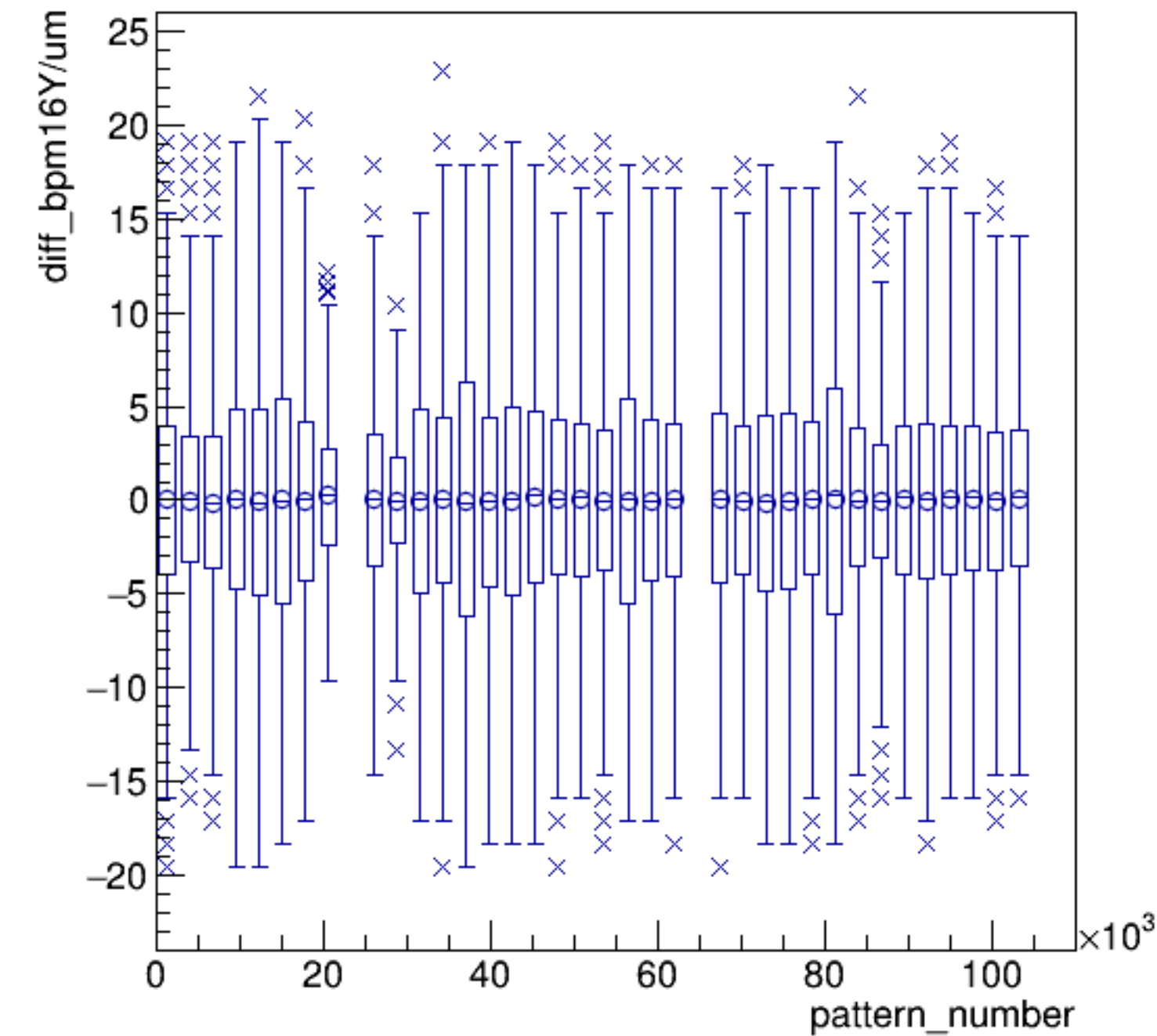


run8157_000_pairTree_bpm16Y.png

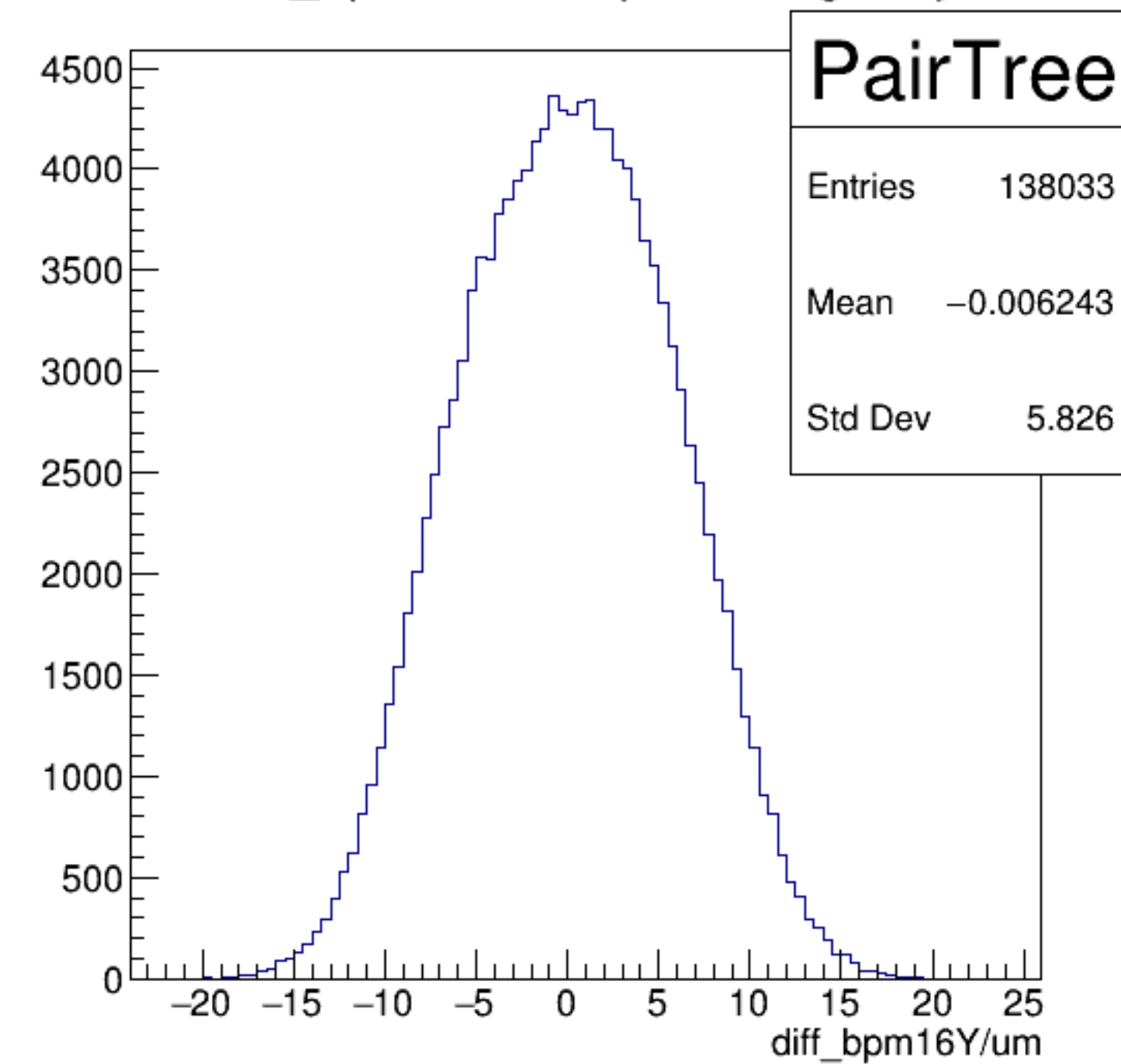
yield_bpm16Y/mm {ErrorFlag==0}

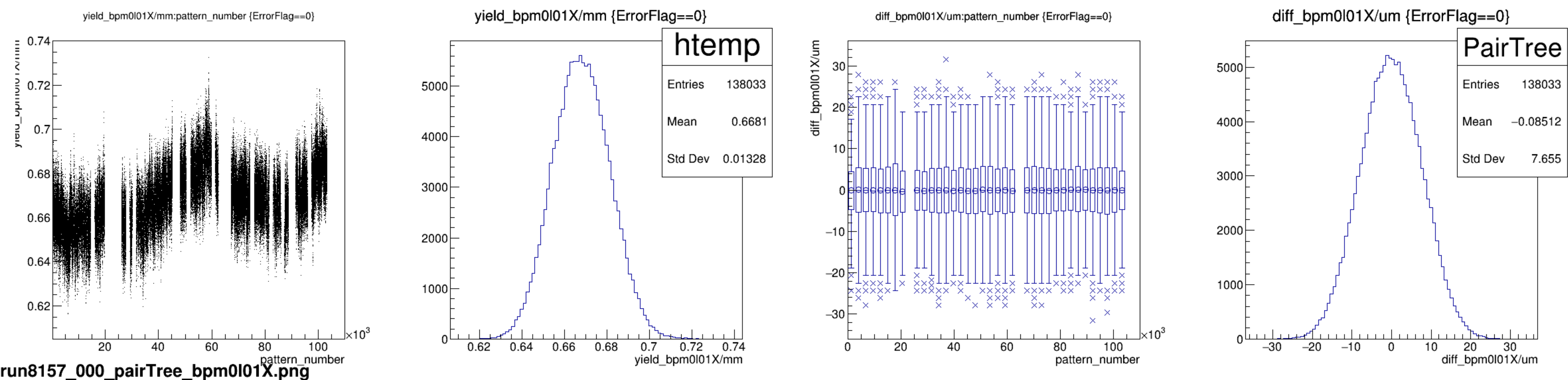


diff_bpm16Y/um:pattern_number {ErrorFlag==0}

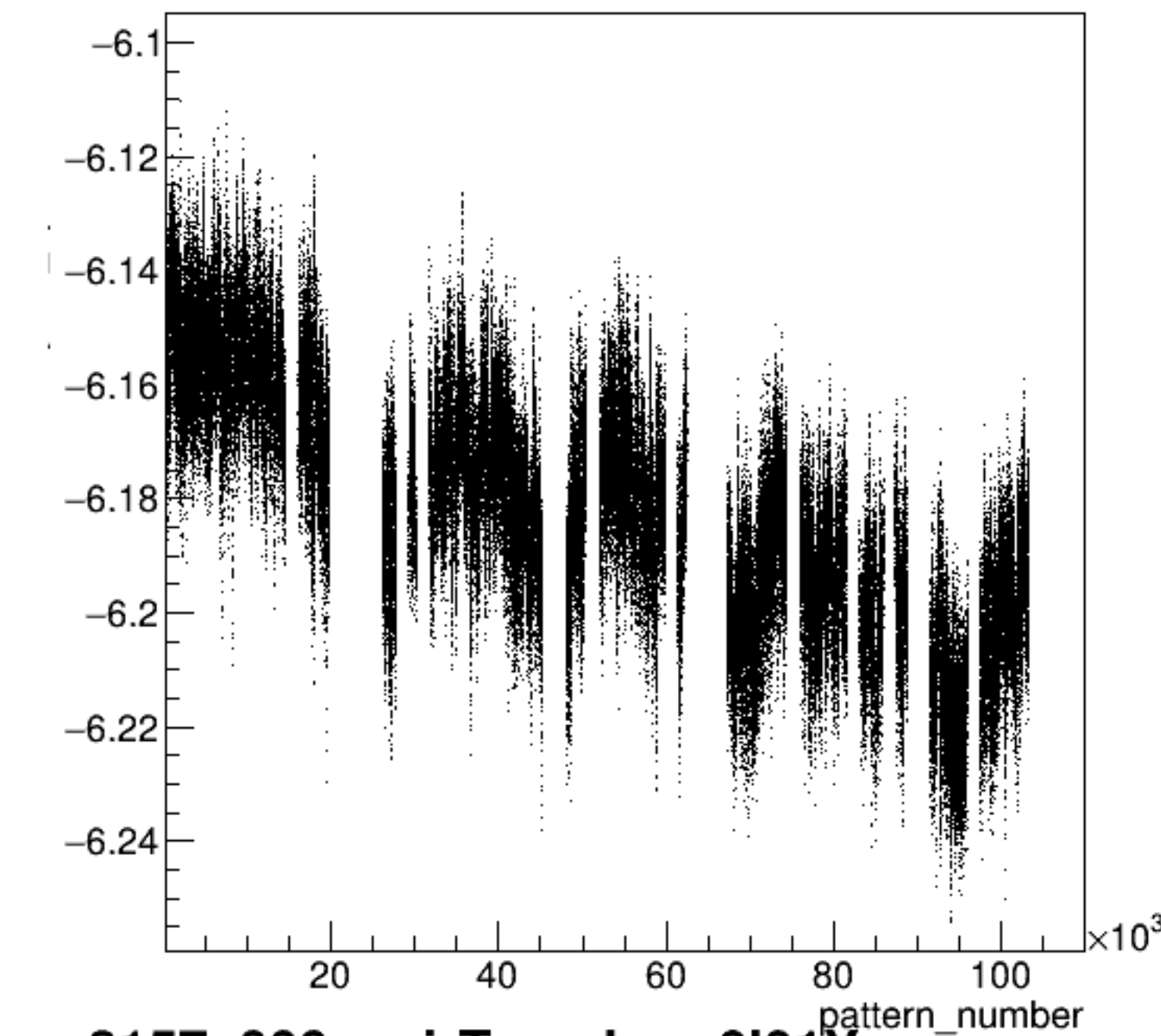


diff_bpm16Y/um {ErrorFlag==0}



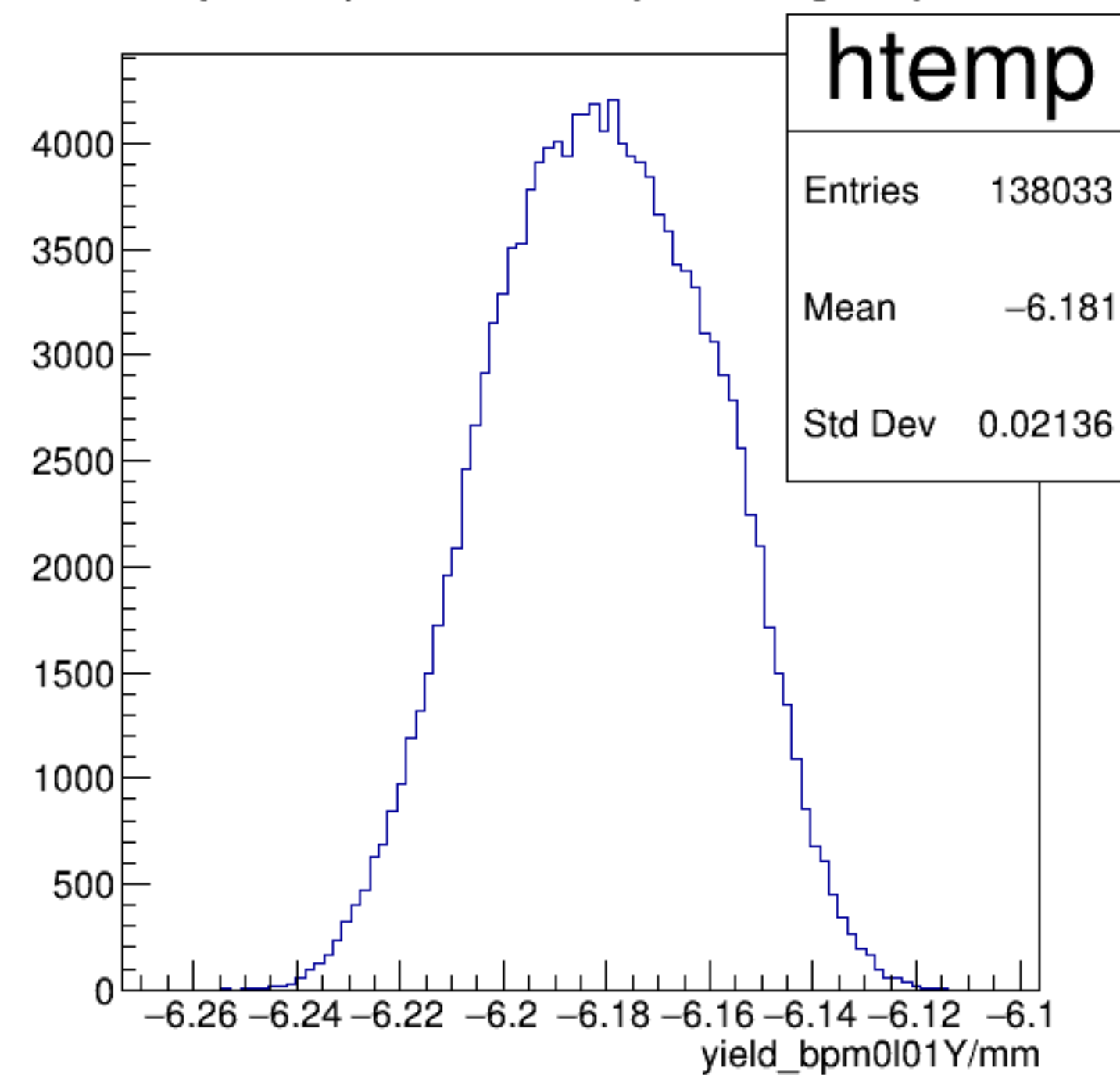


yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}

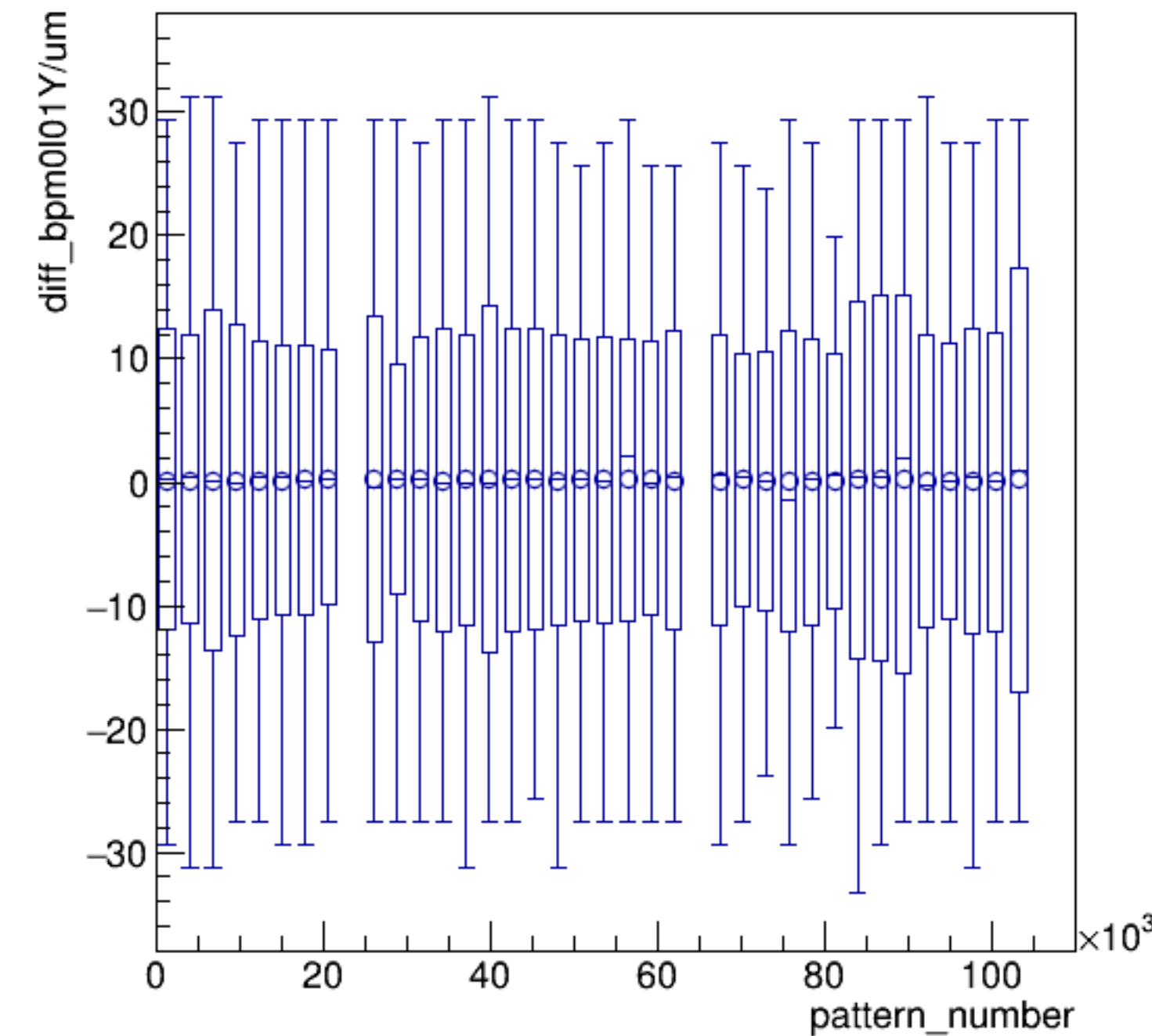


run8157_000_pairTree_bpm0l01Y.png

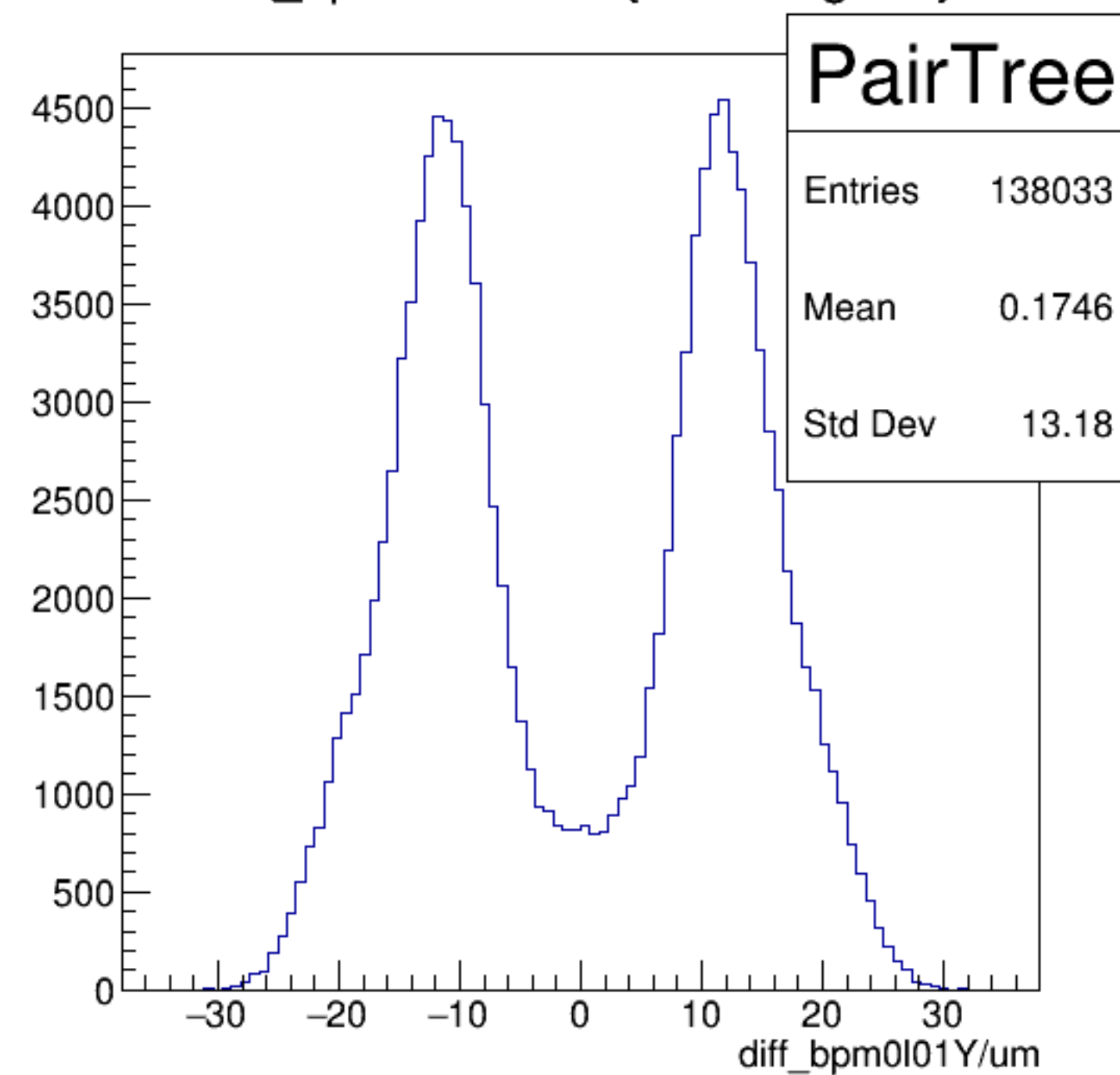
yield_bpm0l01Y/mm {ErrorFlag==0}



diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}



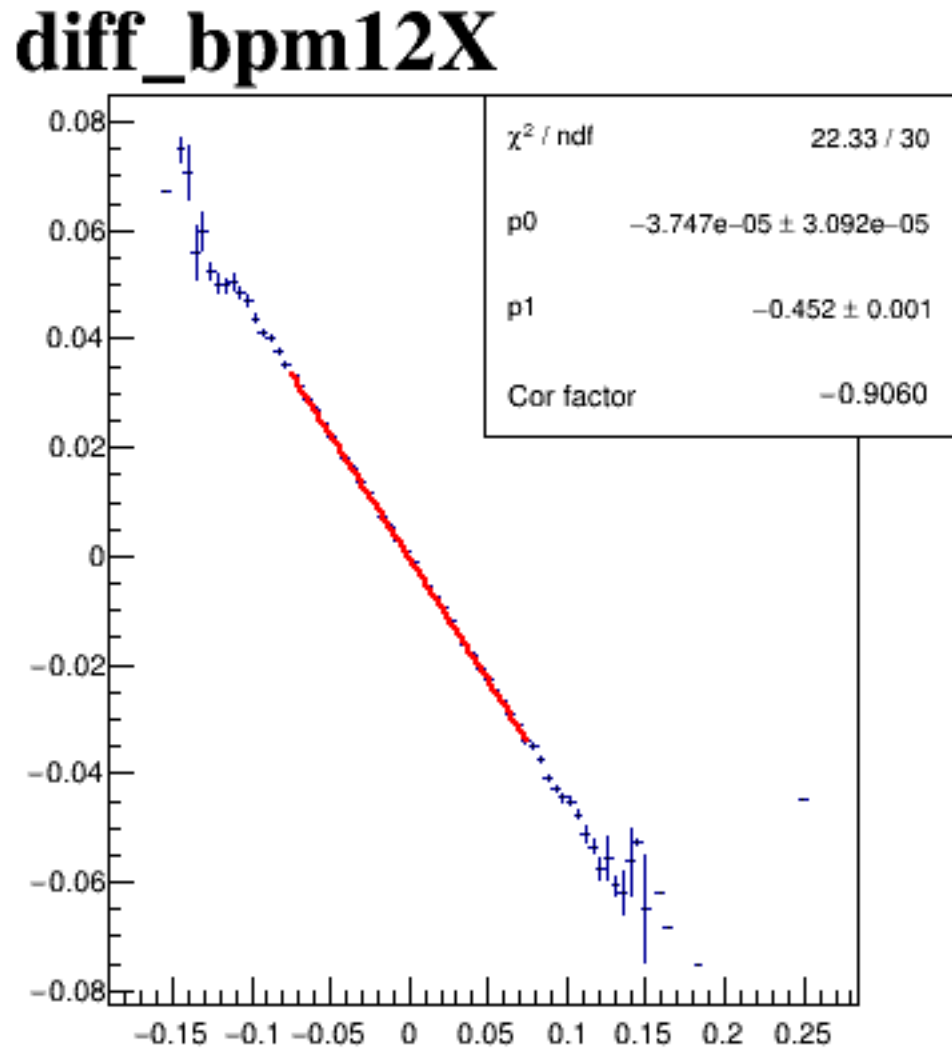
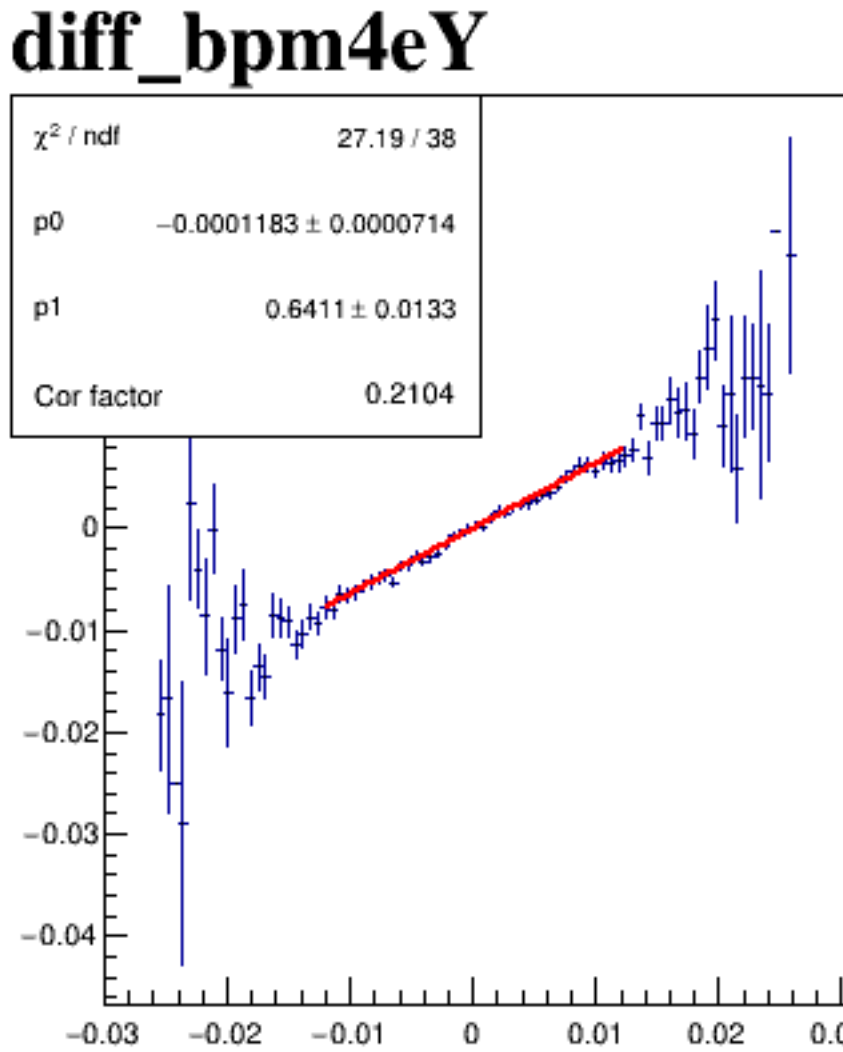
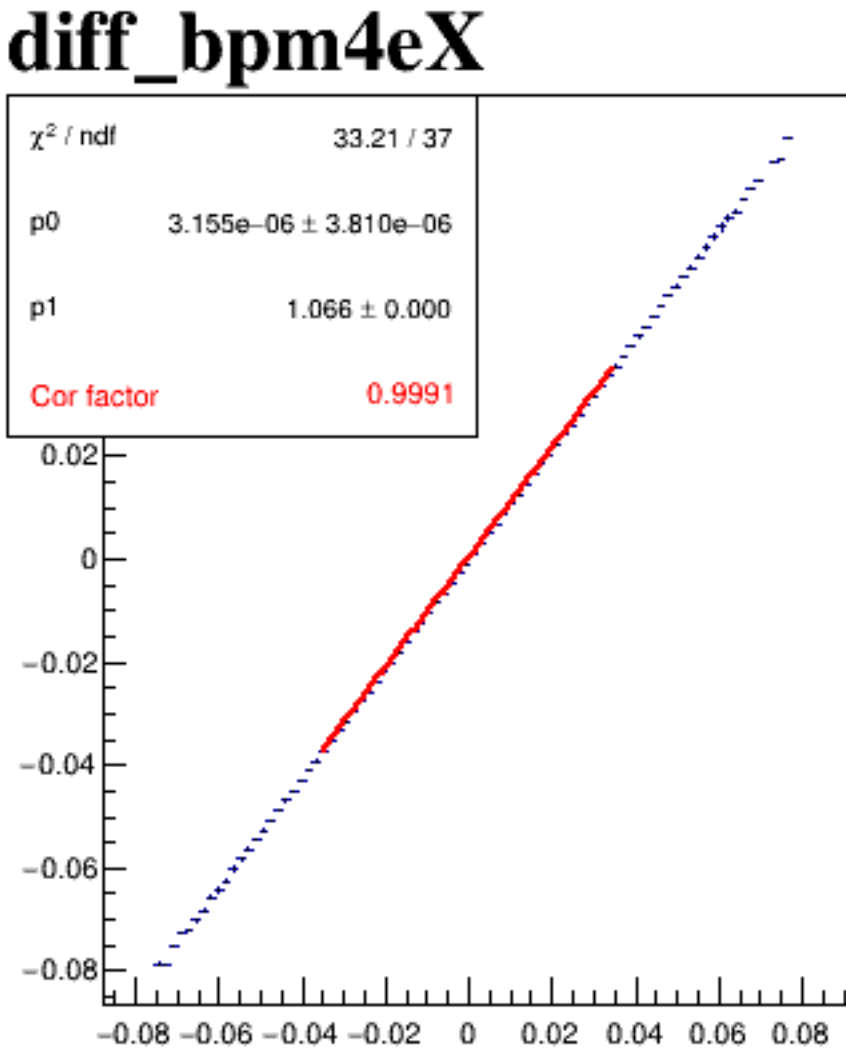
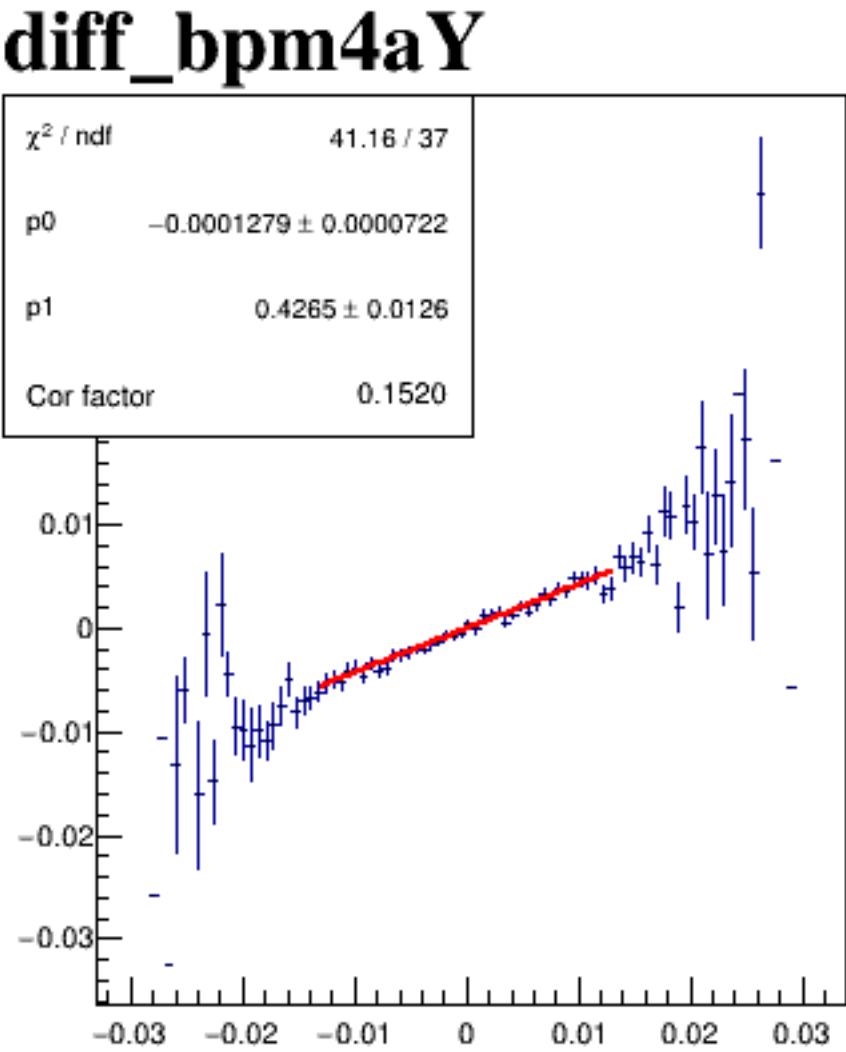
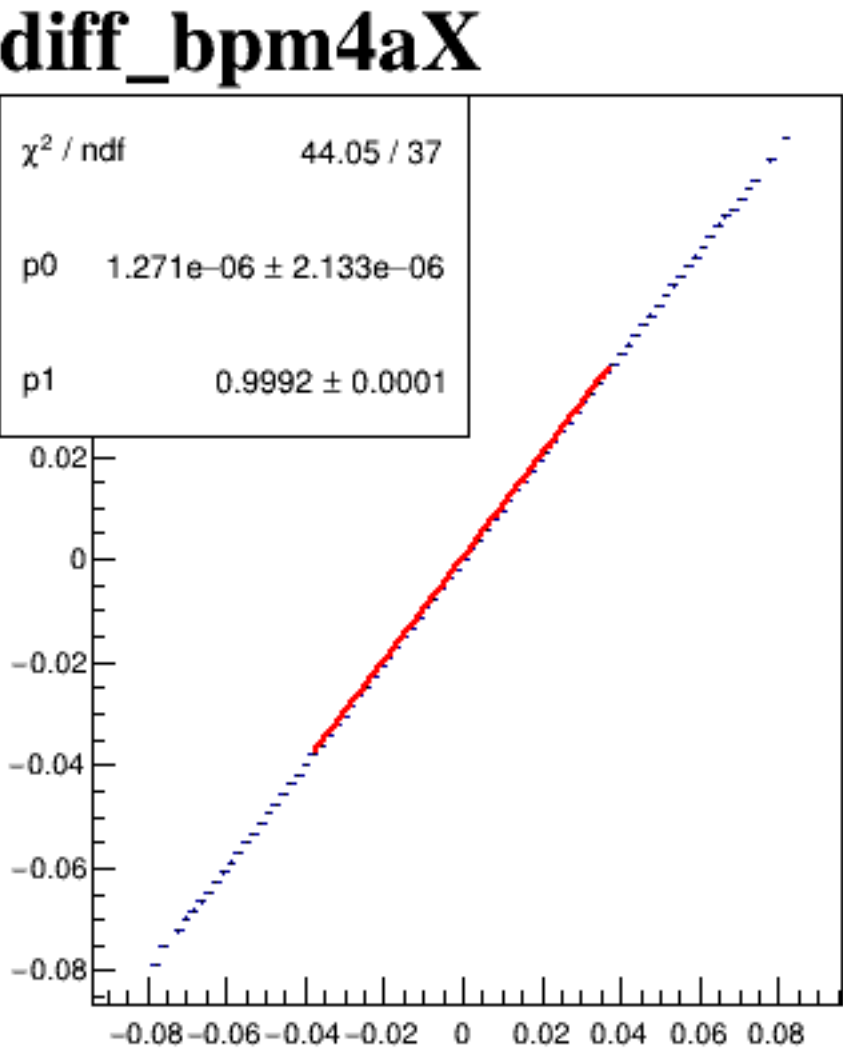
diff_bpm0l01Y/um {ErrorFlag==0}



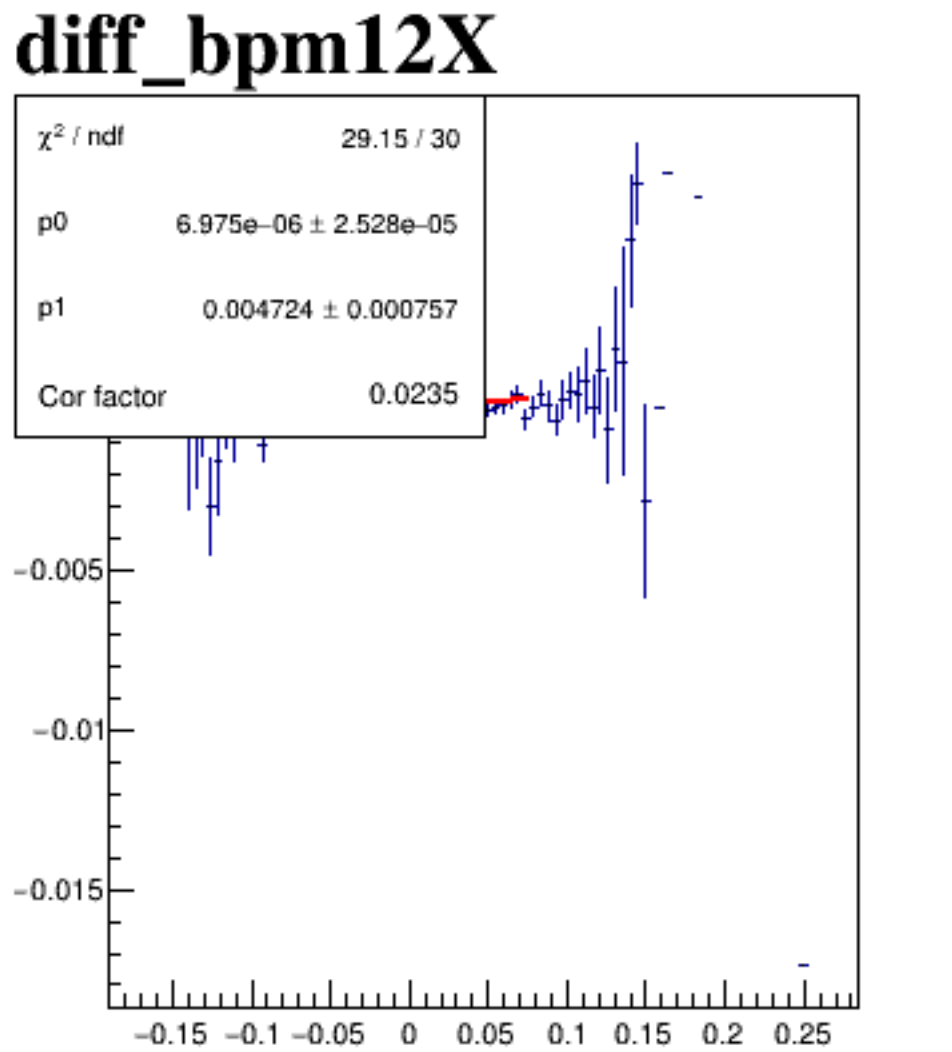
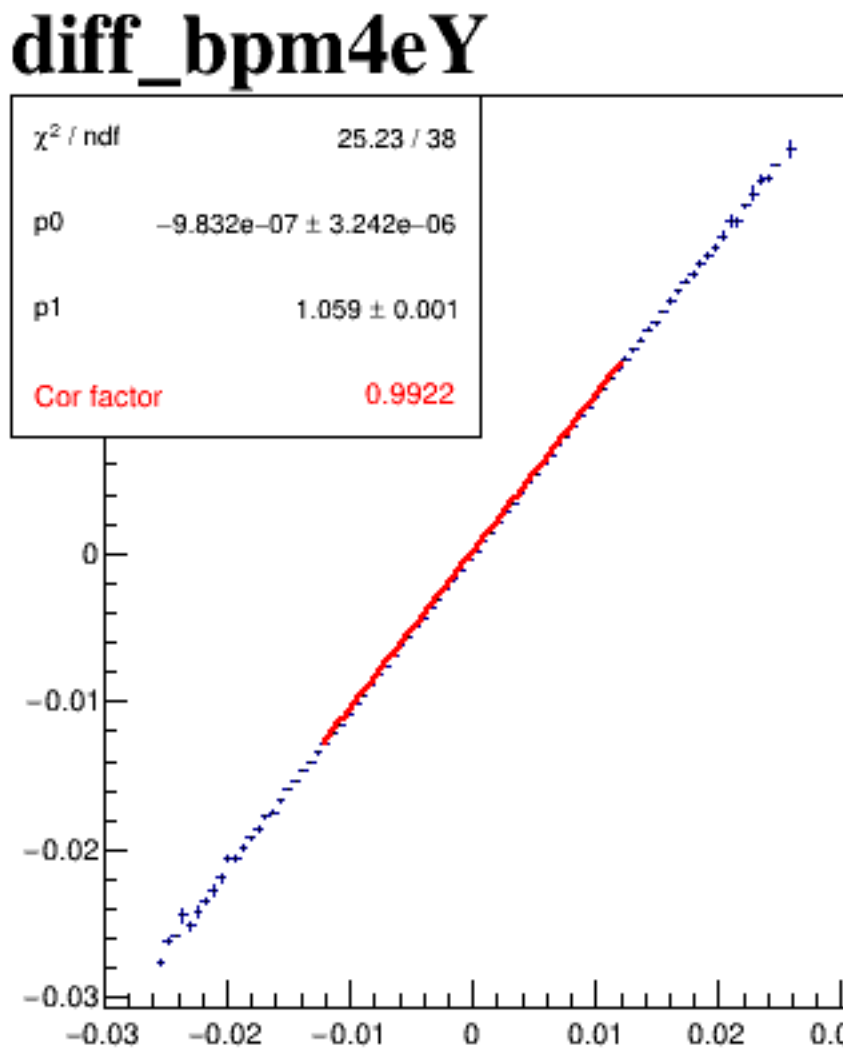
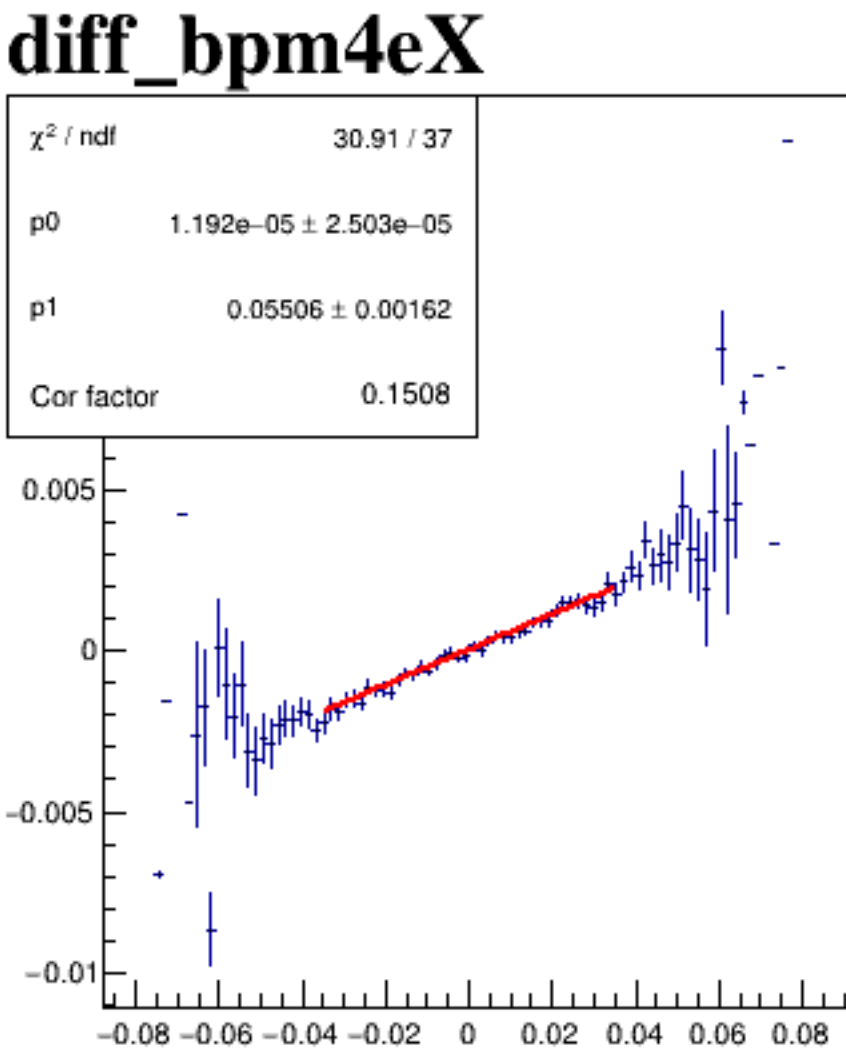
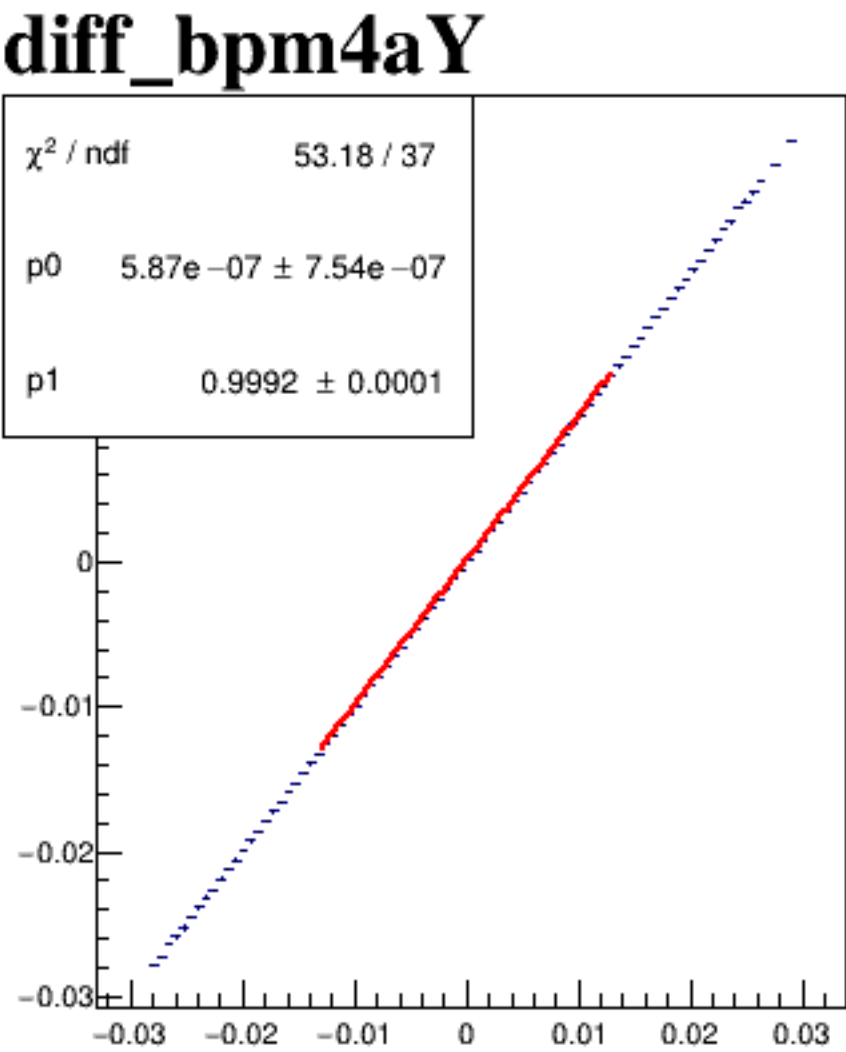
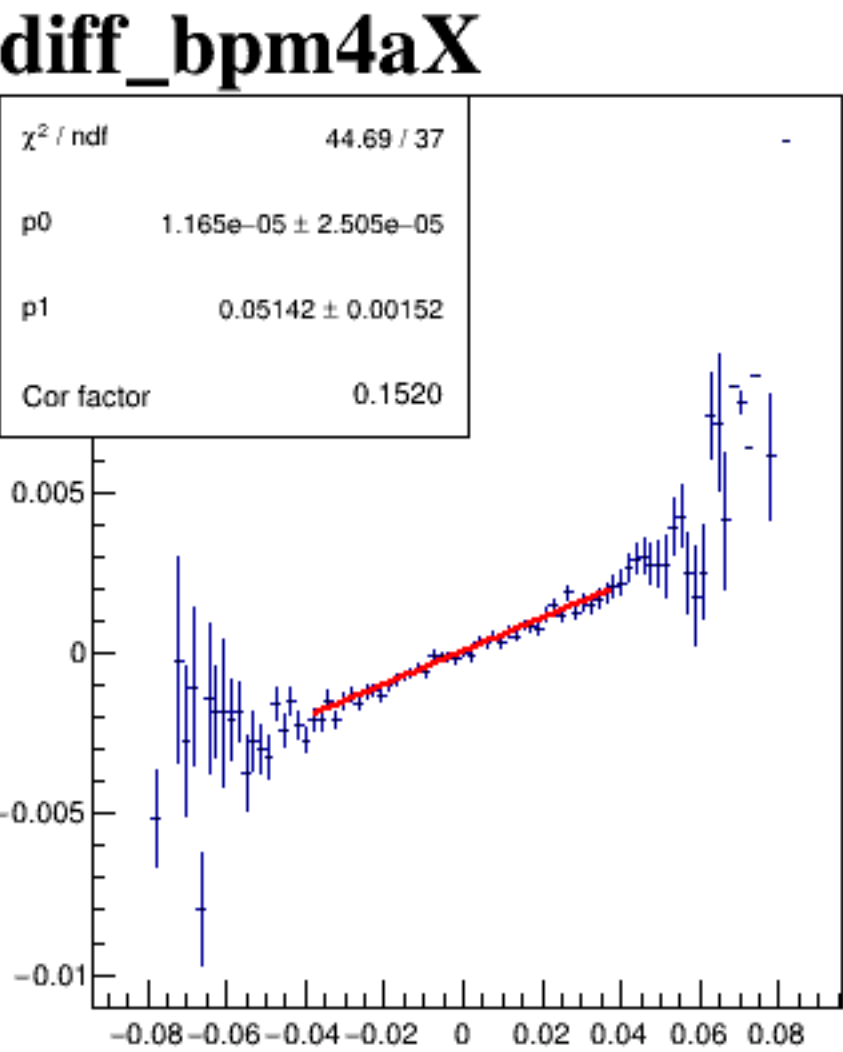
A heatmap plot titled "diff_bpm12X" showing a circular distribution of data points. The x-axis is labeled "diff_bpm12X" and ranges from -0.15 to 0.25. The y-axis is labeled "diff_bpm12X" and ranges from -0.03 to 0.03. A color bar on the right indicates values from 0 to 80, with a gradient from dark blue (0) to yellow (80). The plot shows a dense, circular cluster of points centered around (0,0), with the highest density (yellow) at the center and decreasing density (blue) towards the edges.

run8157_000_diff_bpm_mutual_correlation_COLZ_default.png

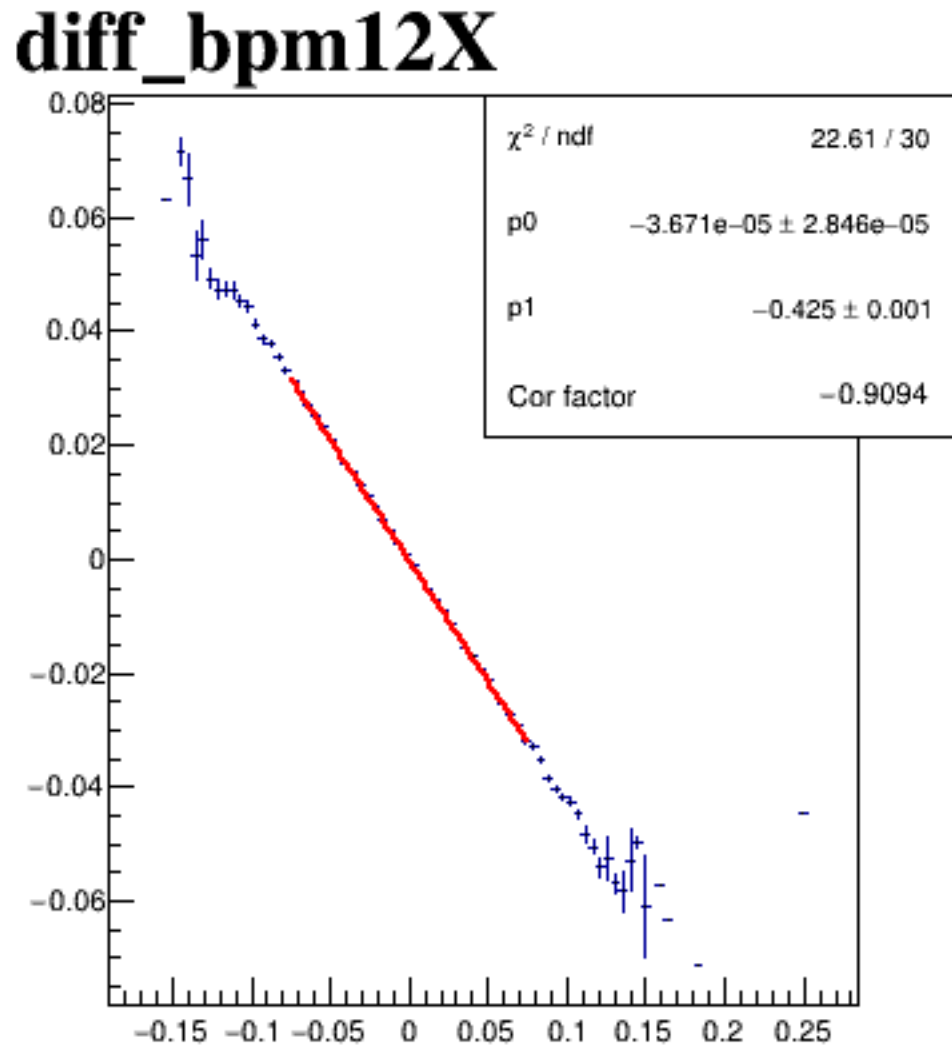
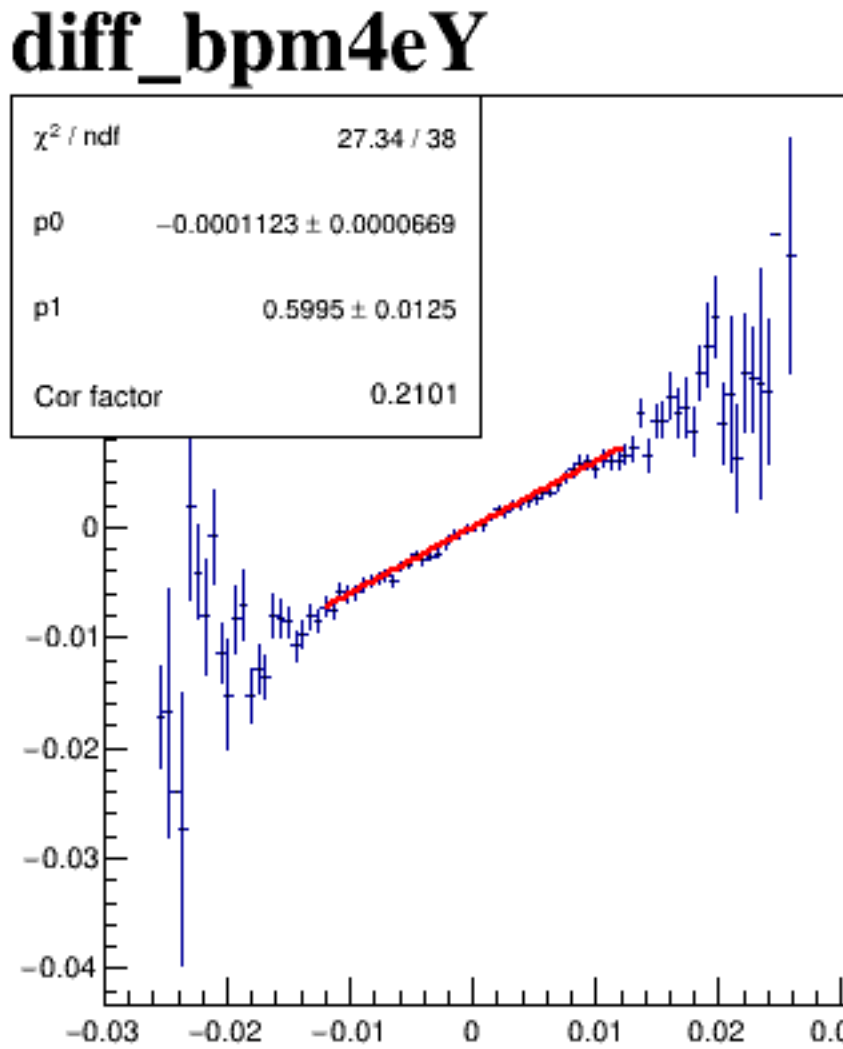
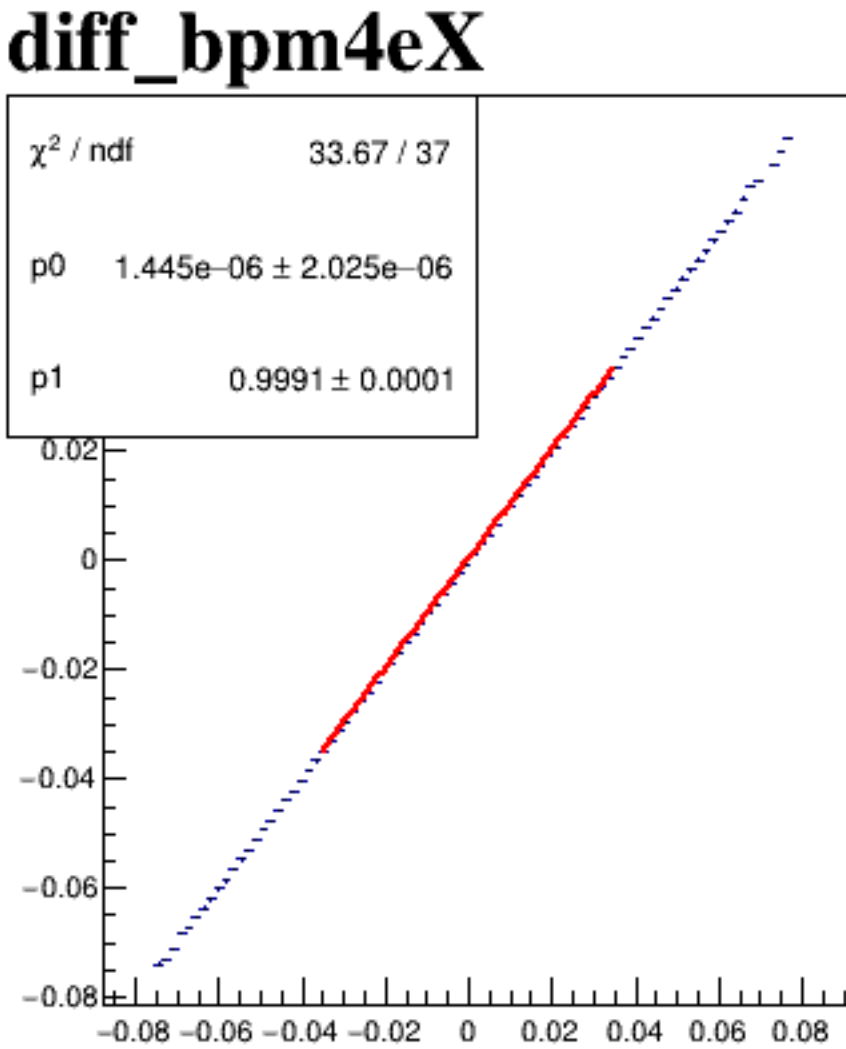
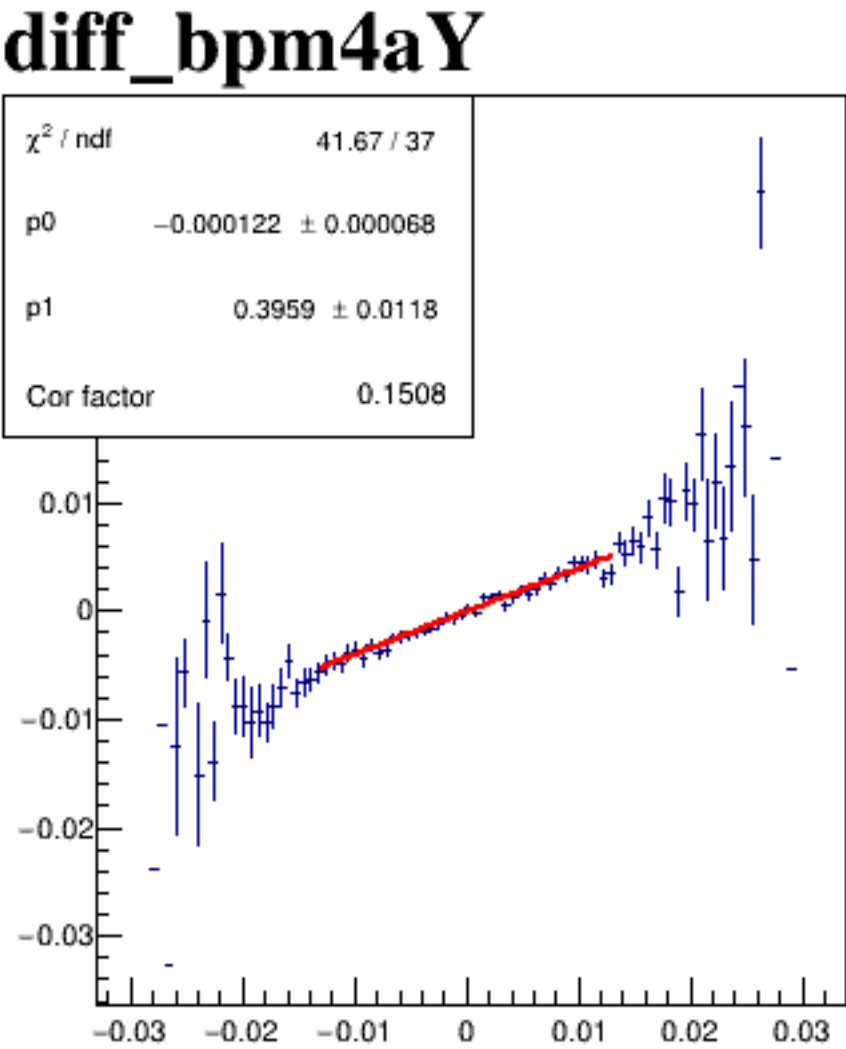
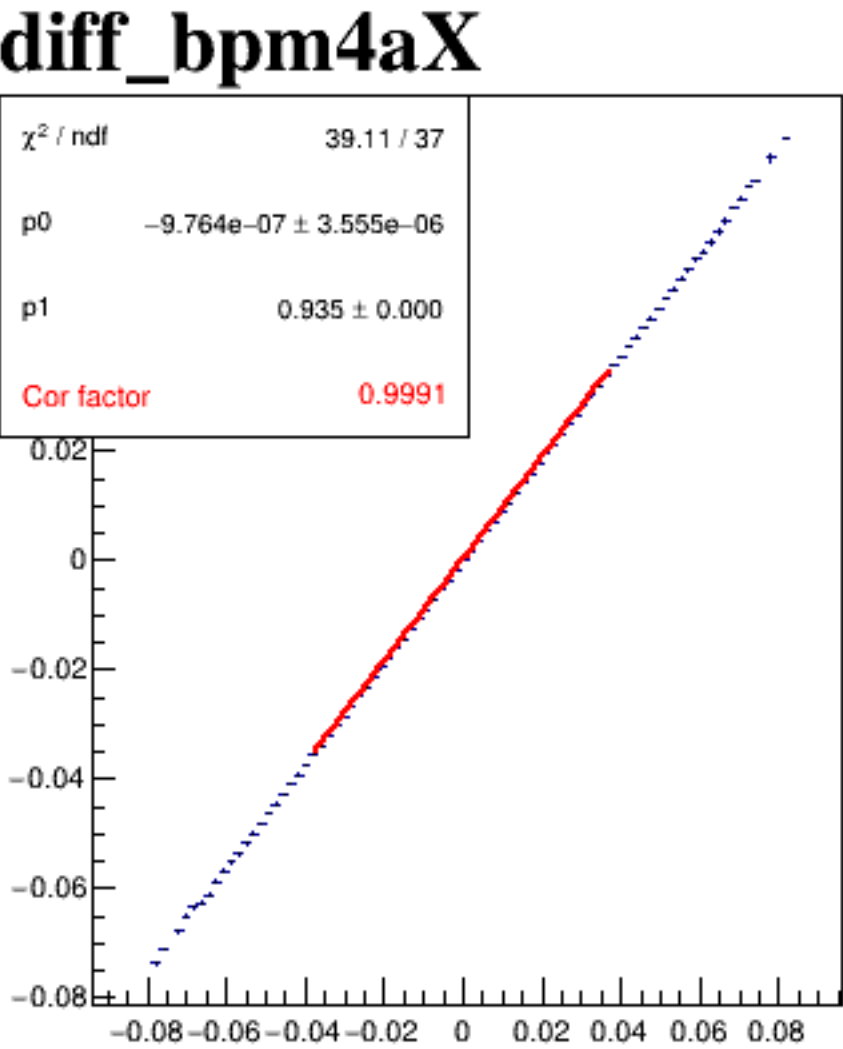
diff_bpm4aX



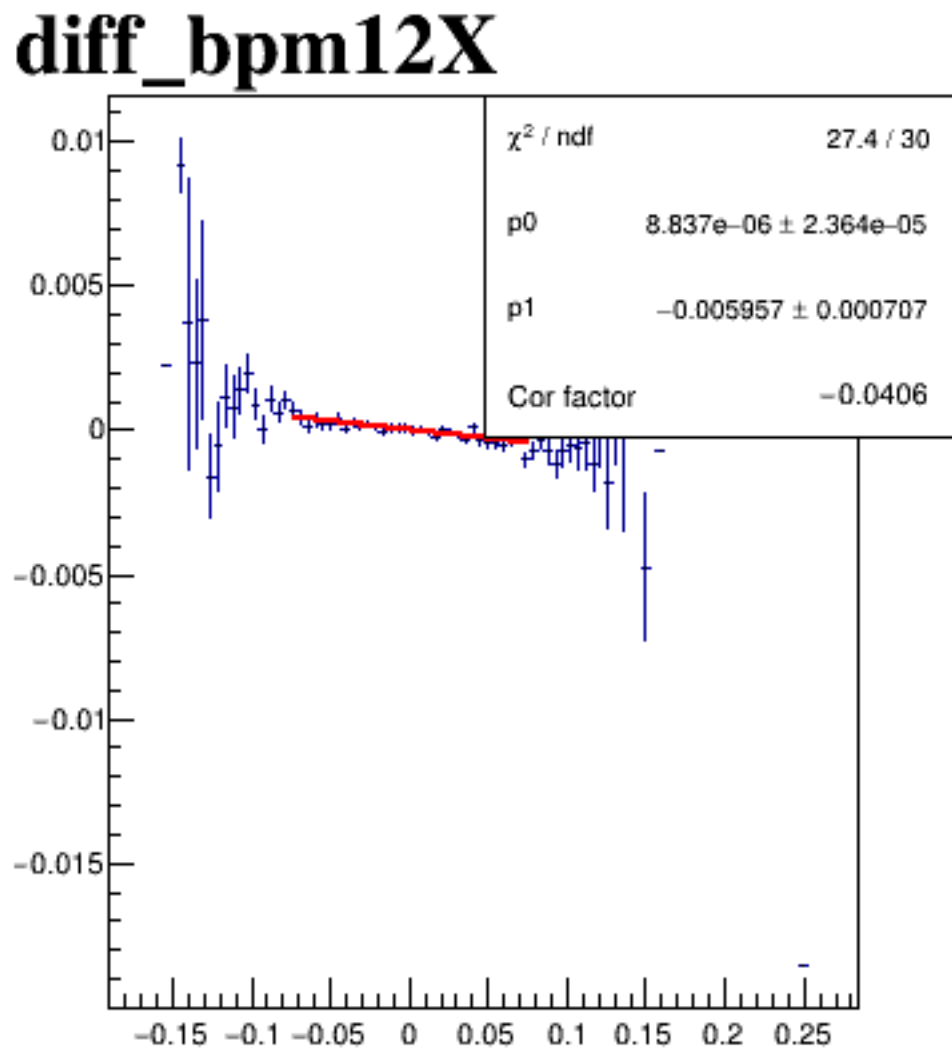
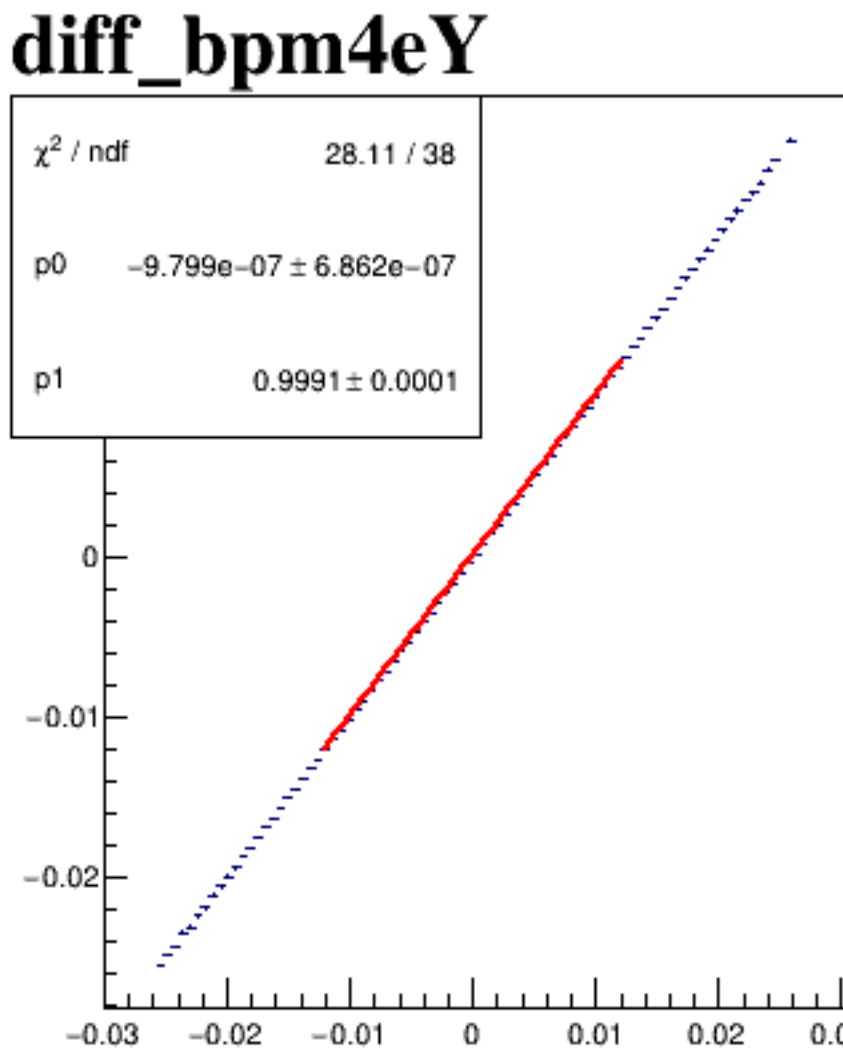
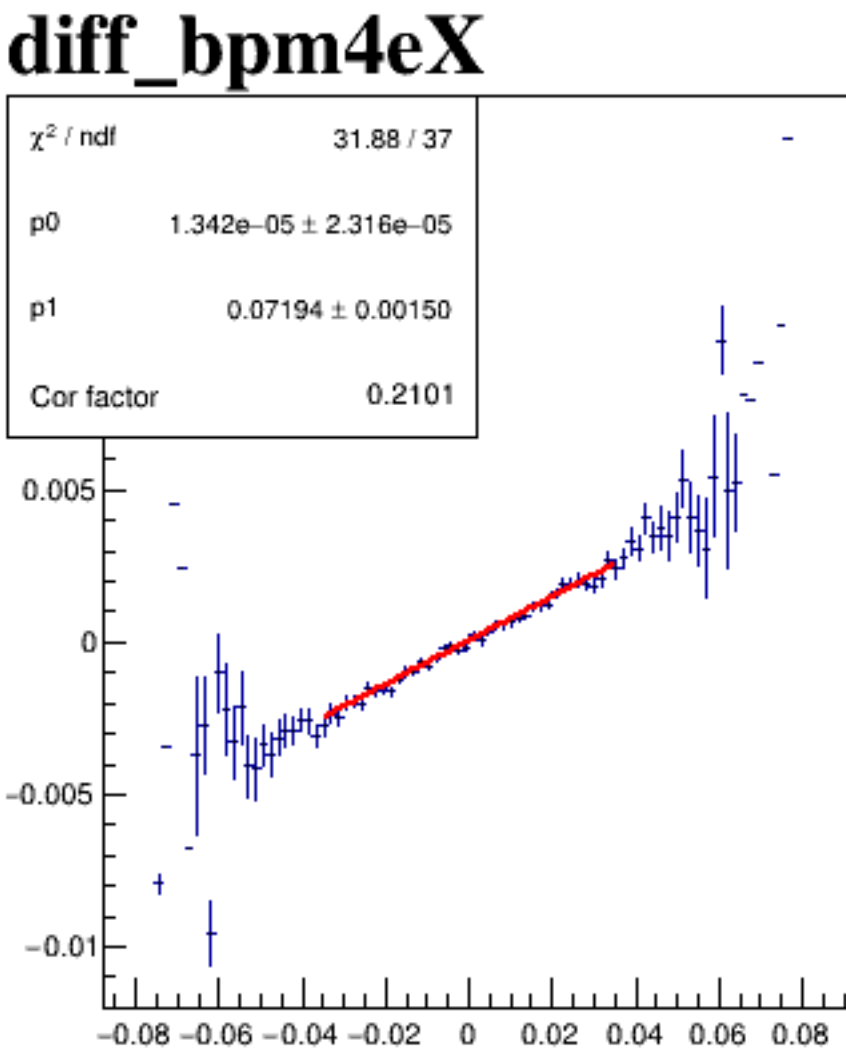
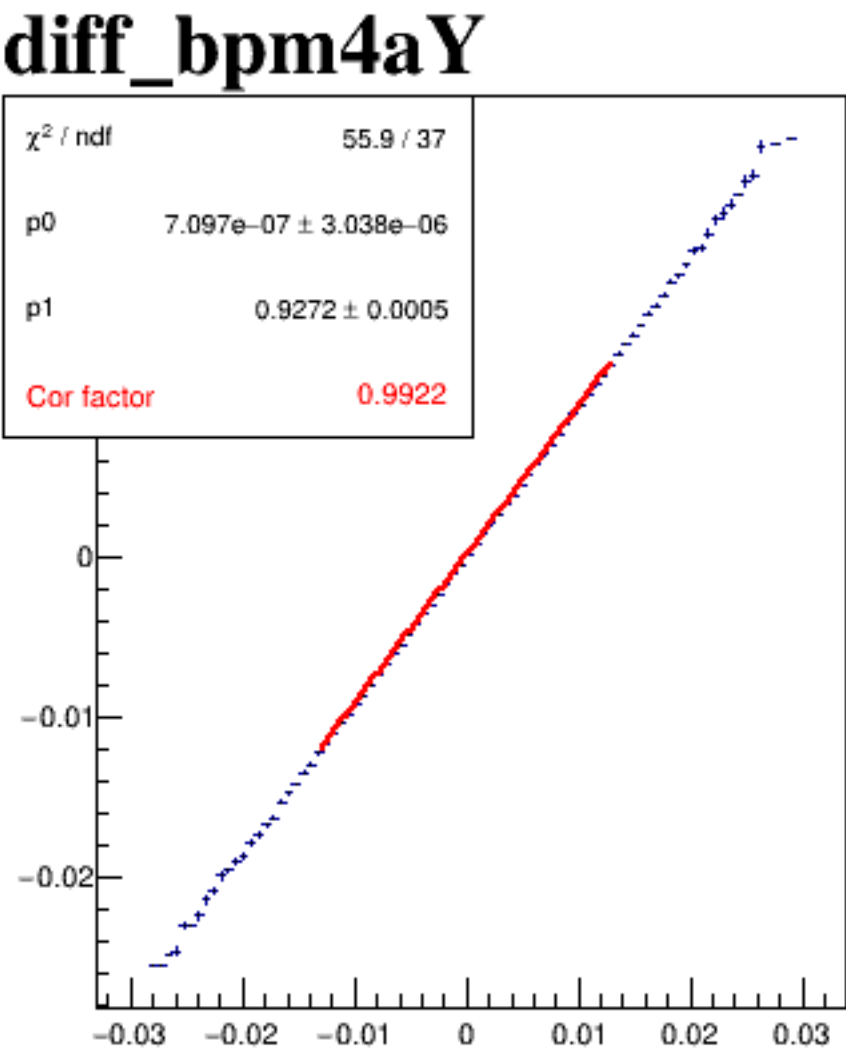
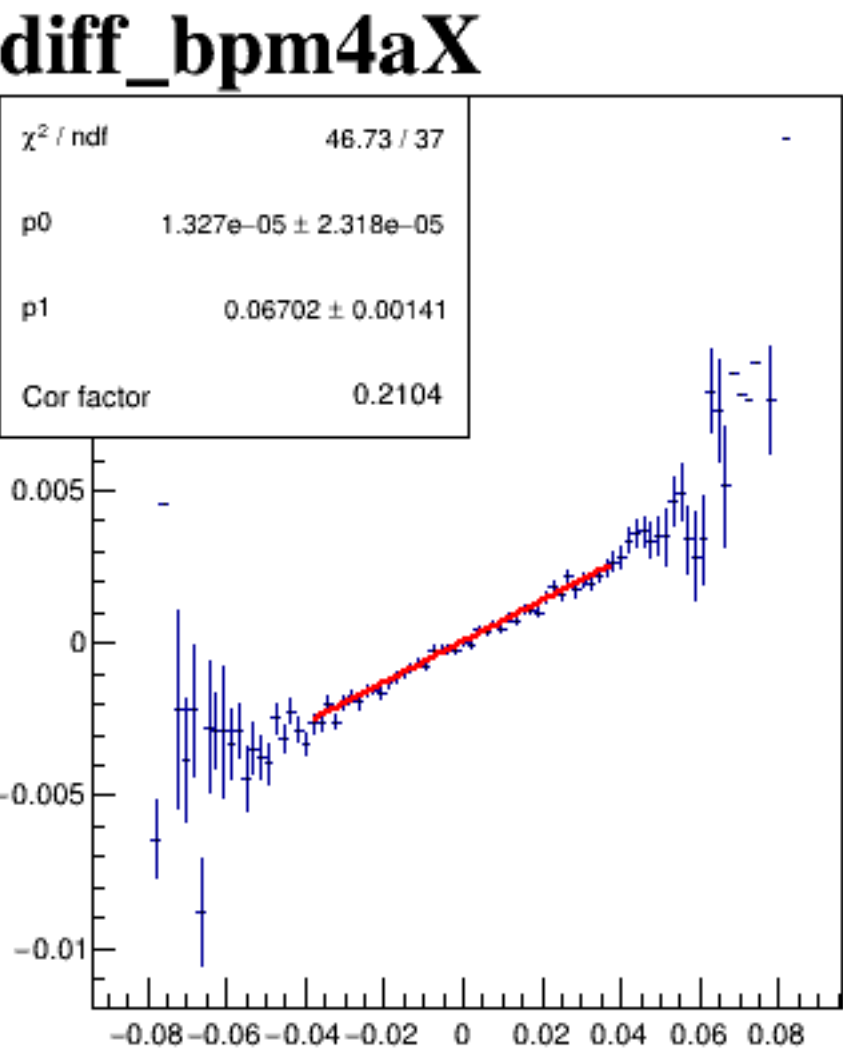
diff_bpm4aY



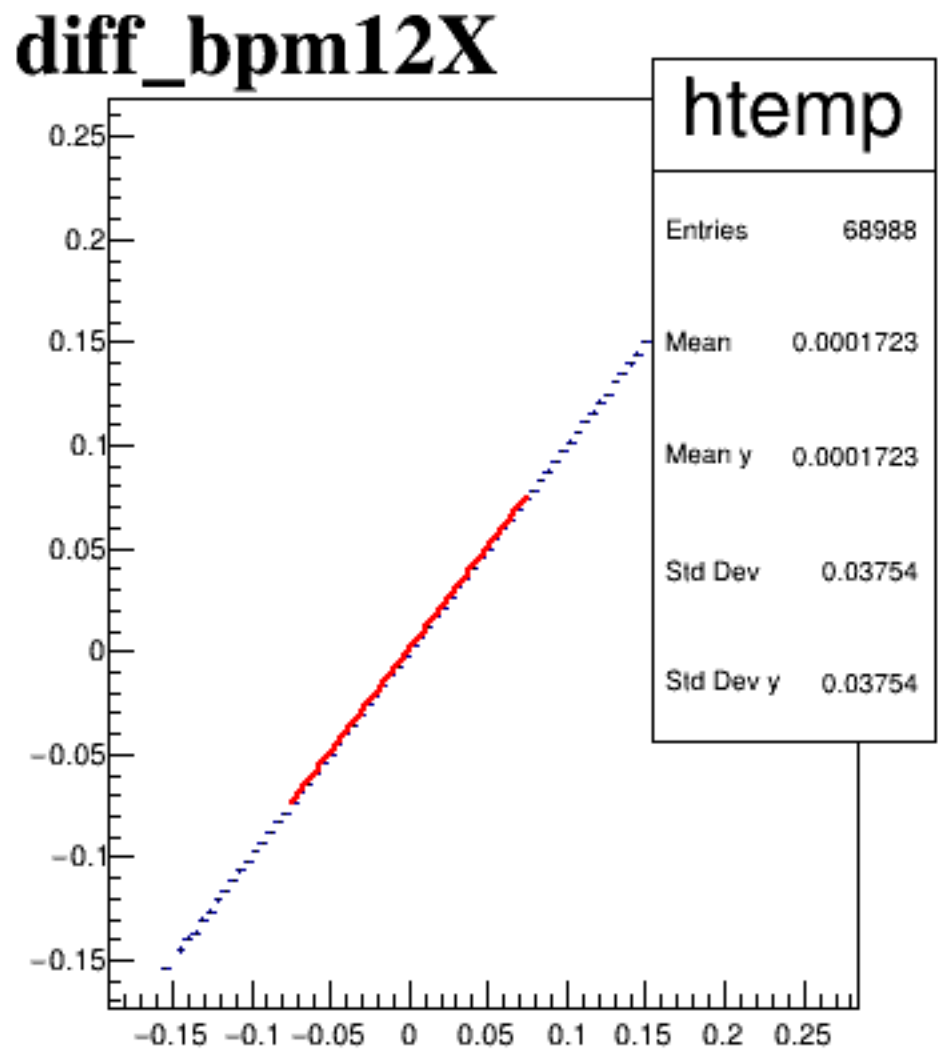
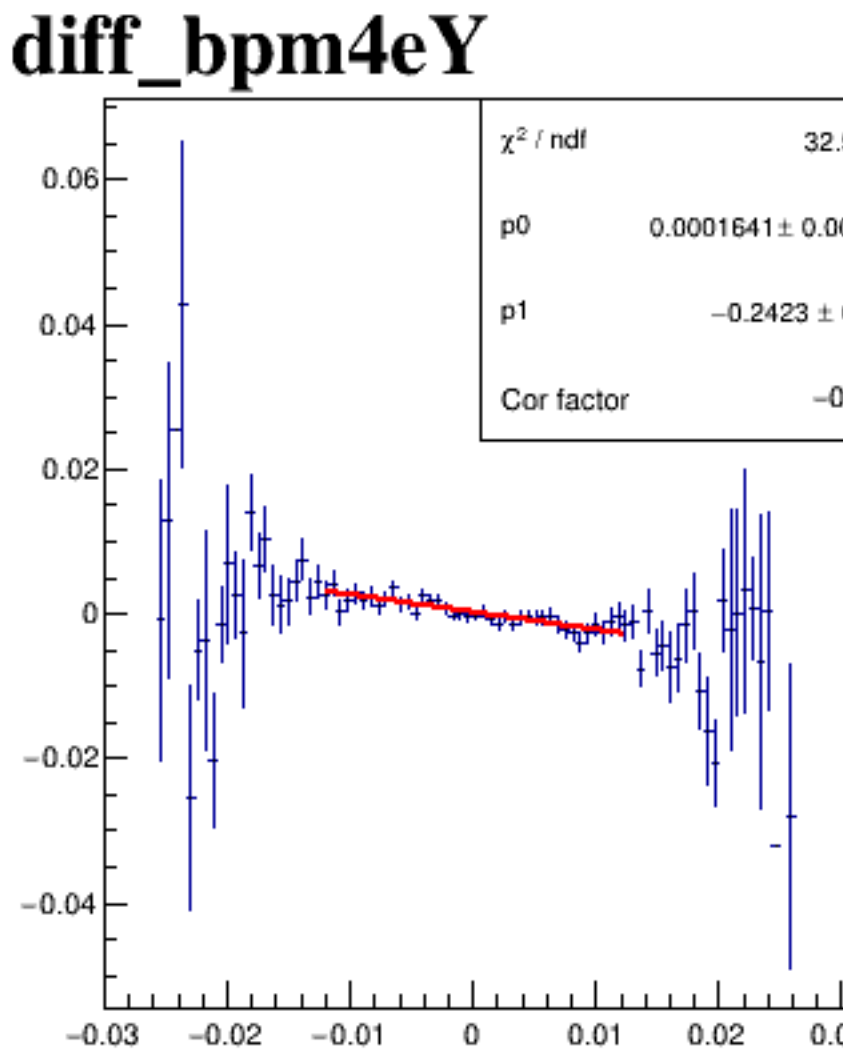
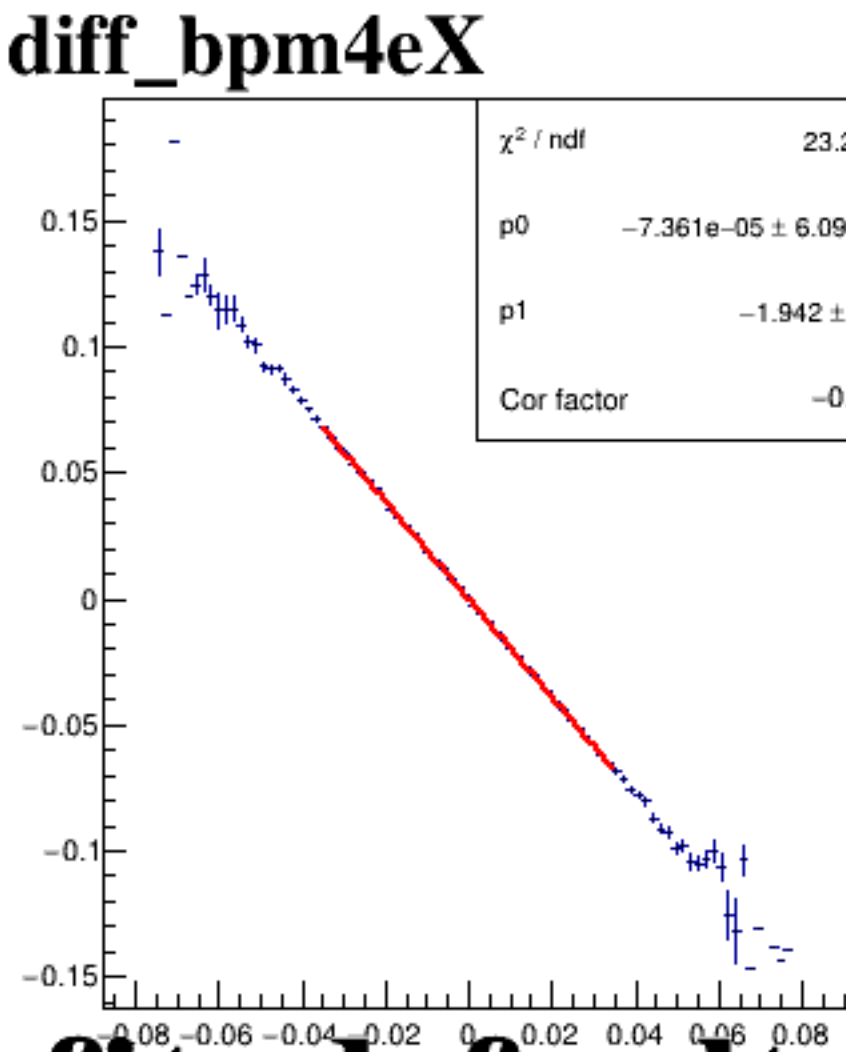
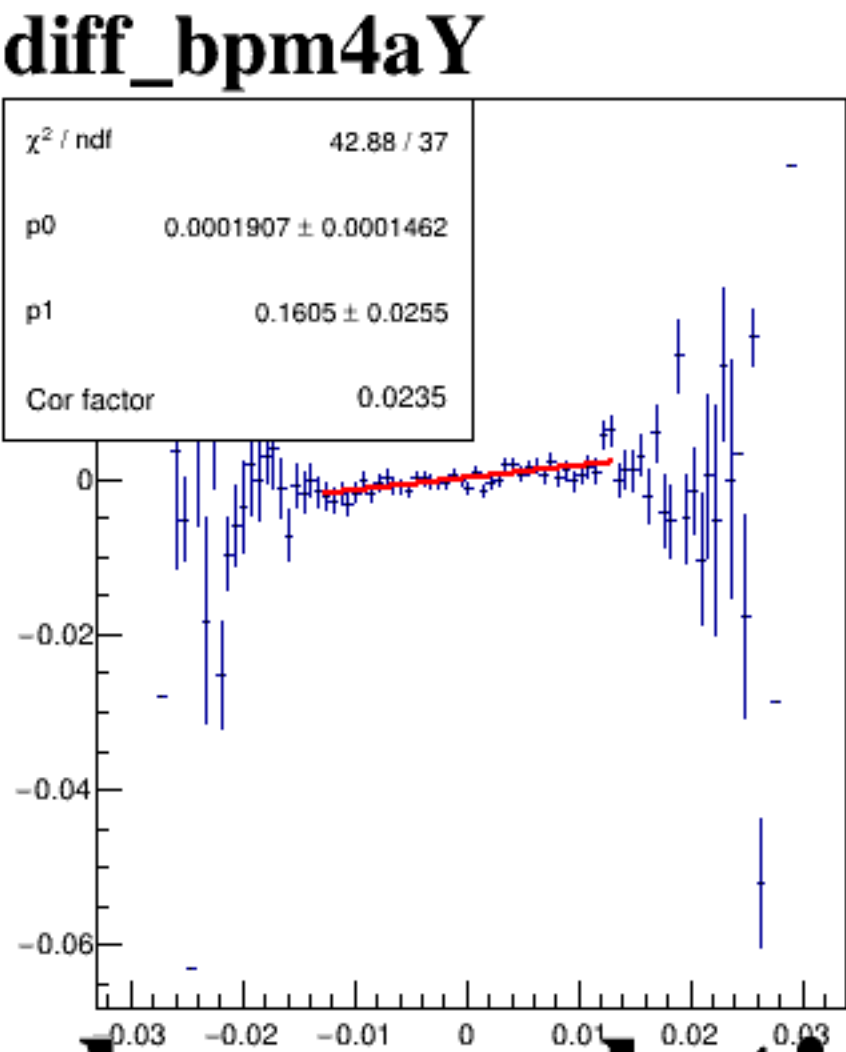
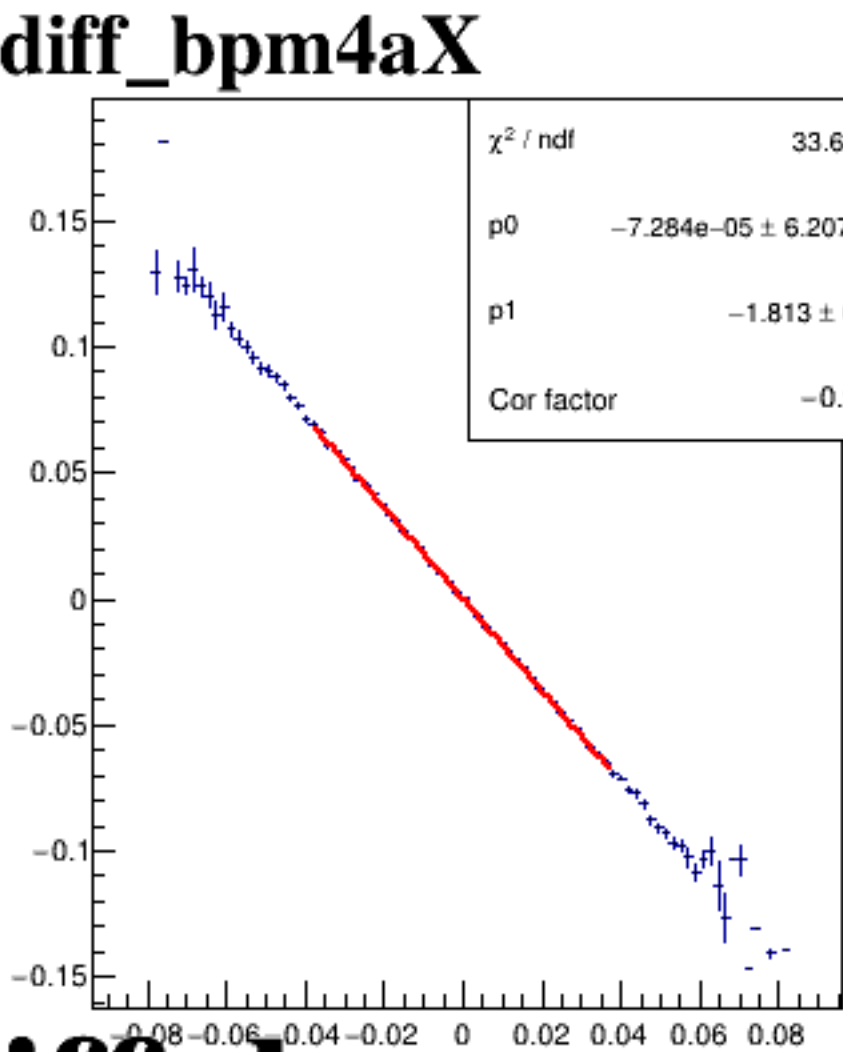
diff_bpm4eX



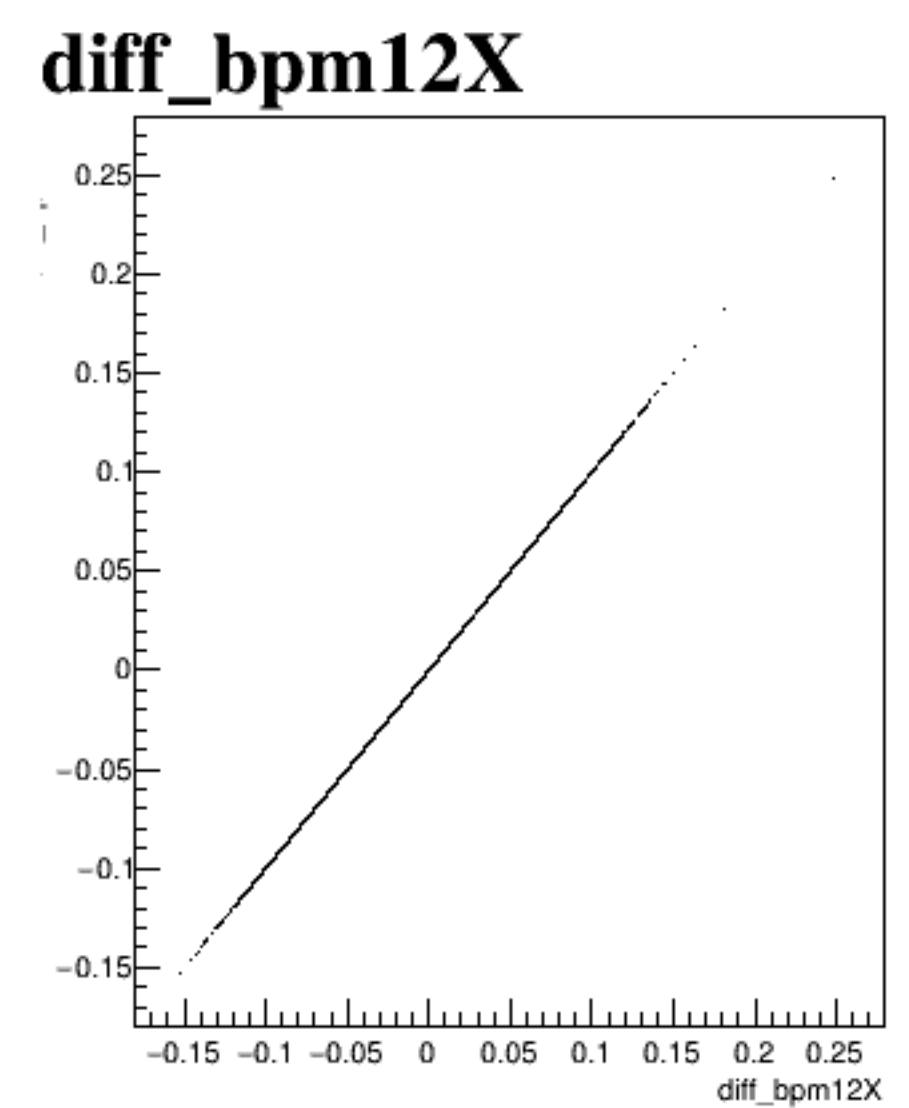
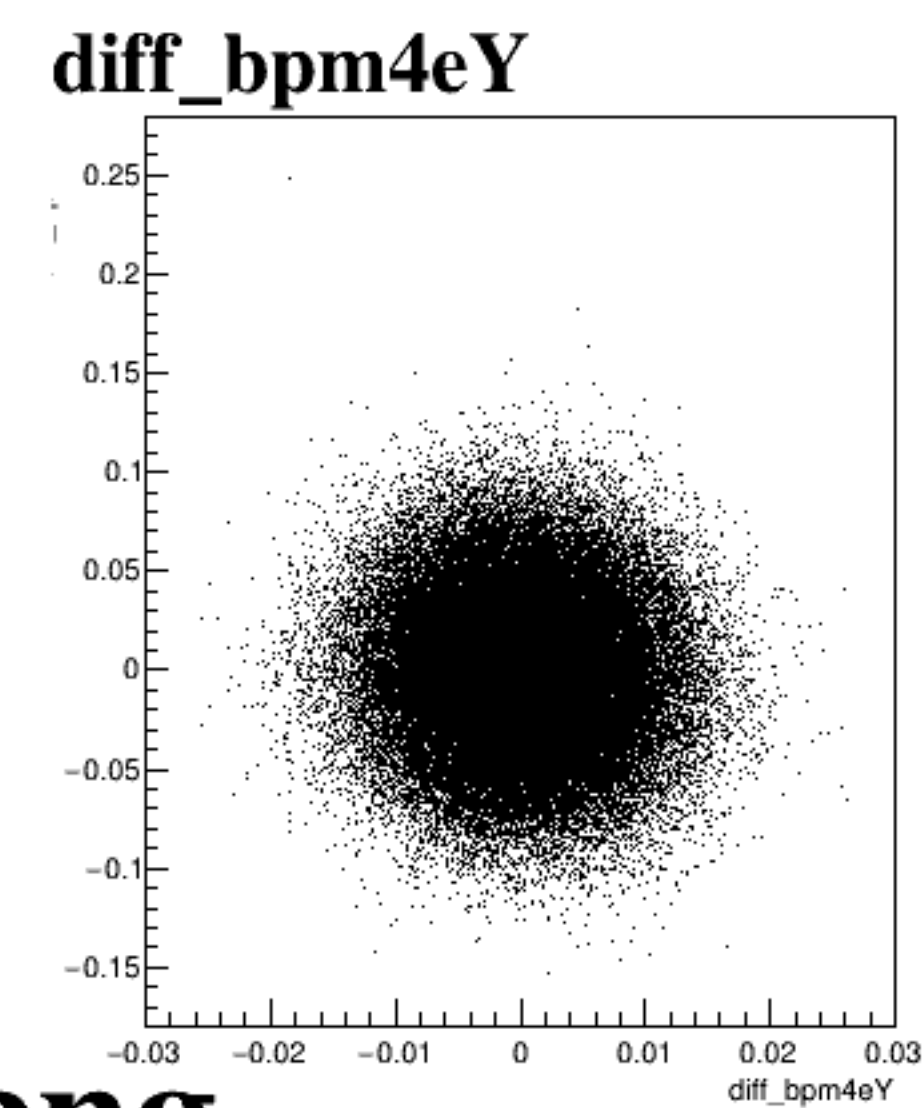
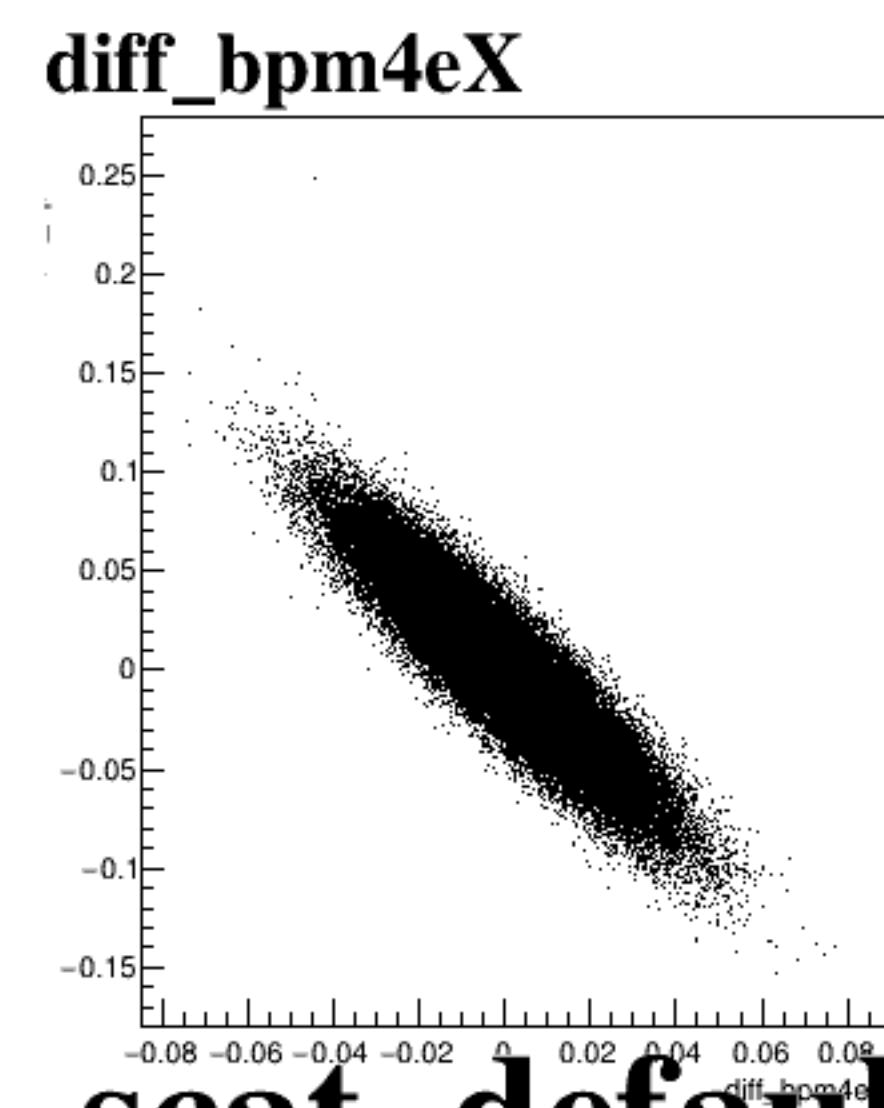
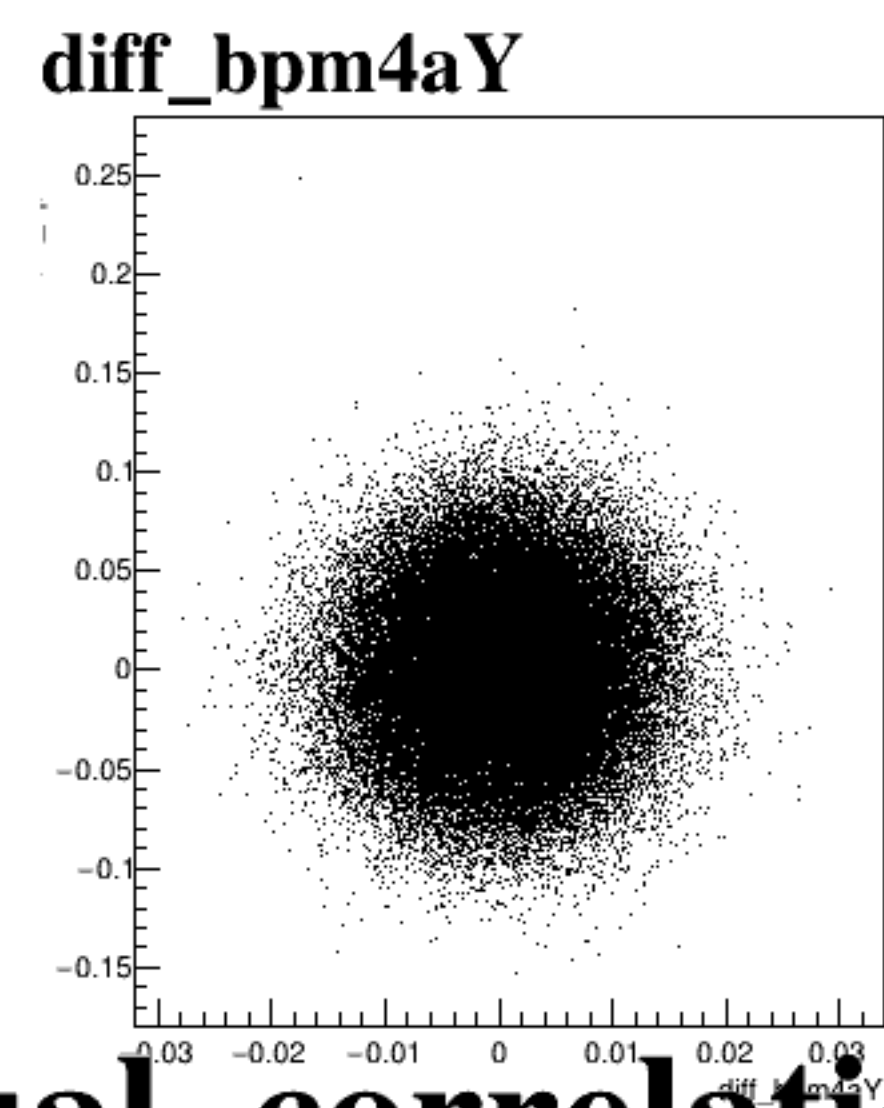
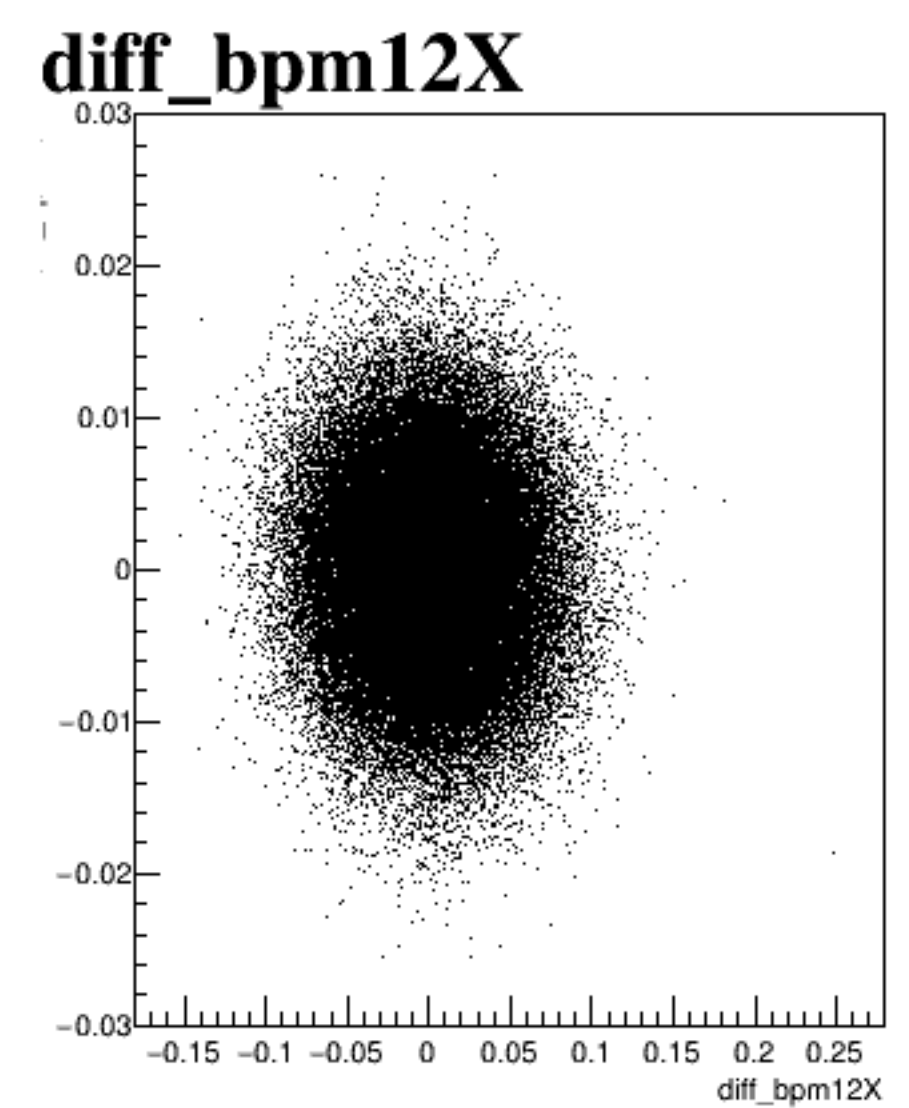
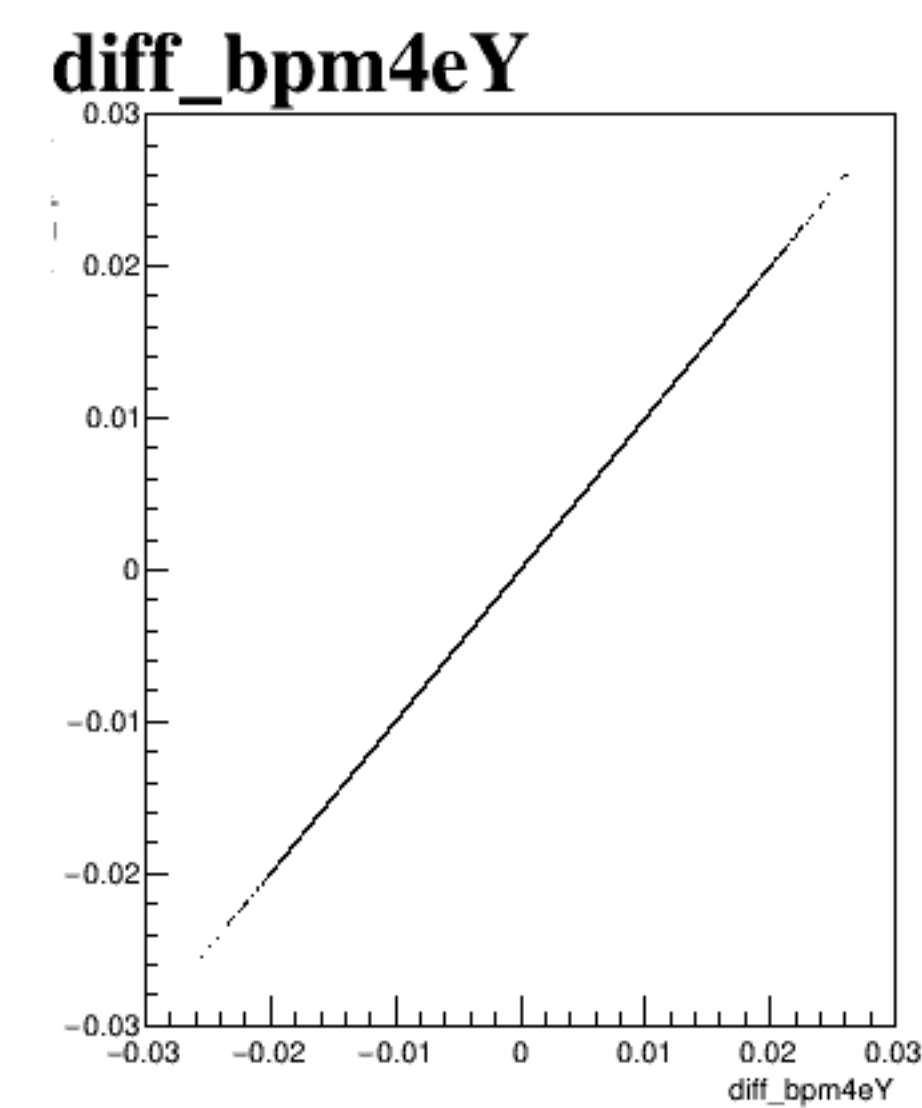
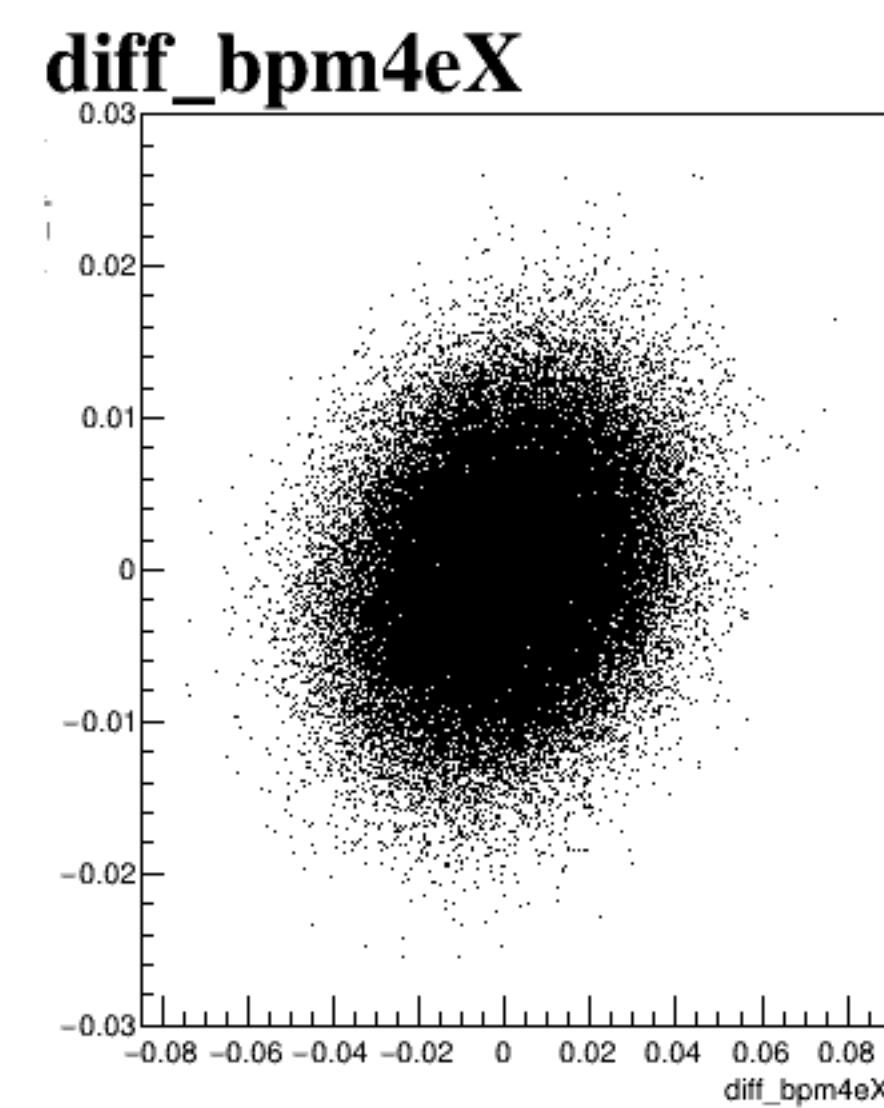
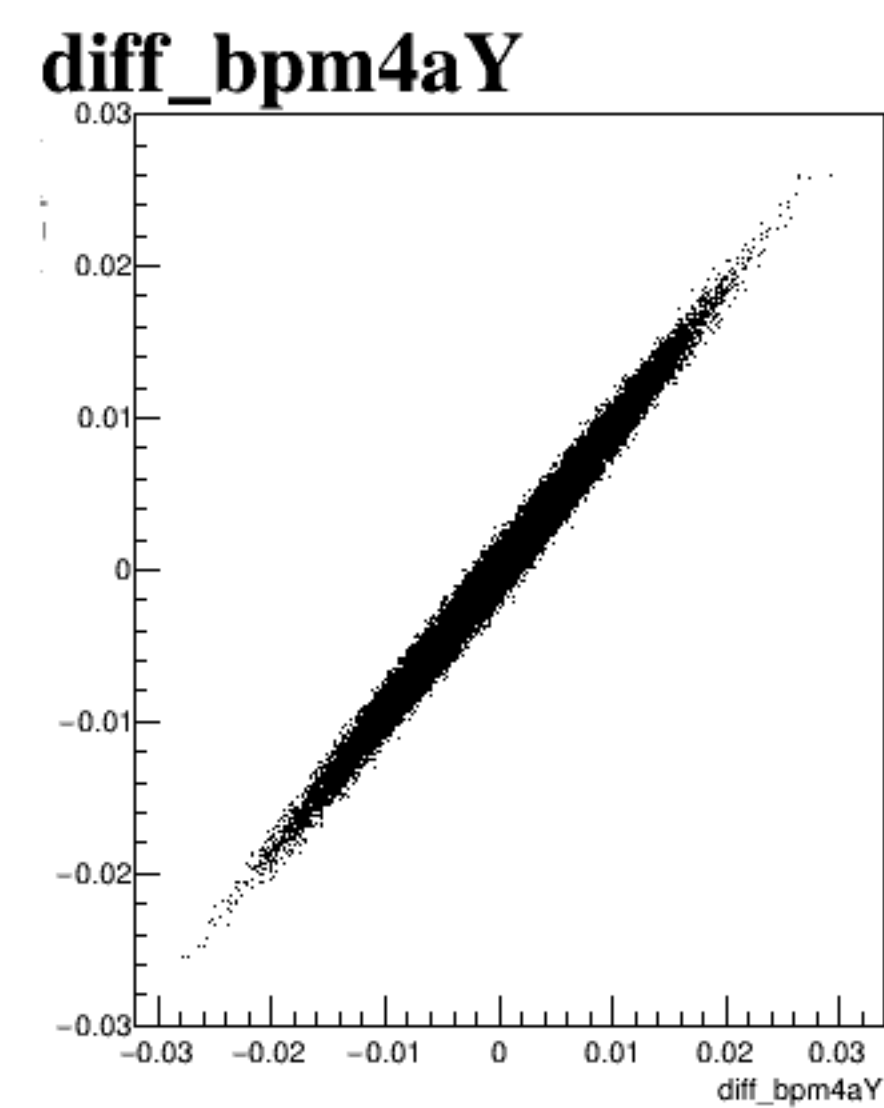
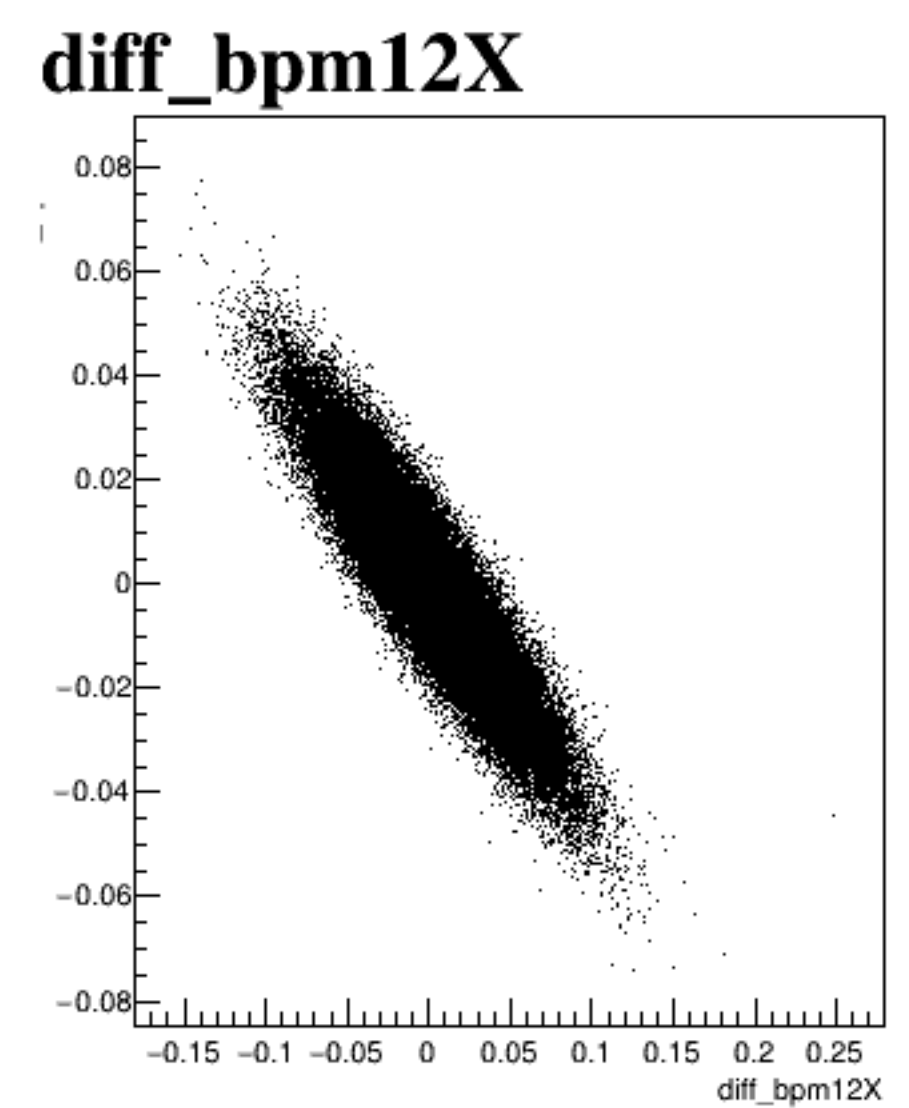
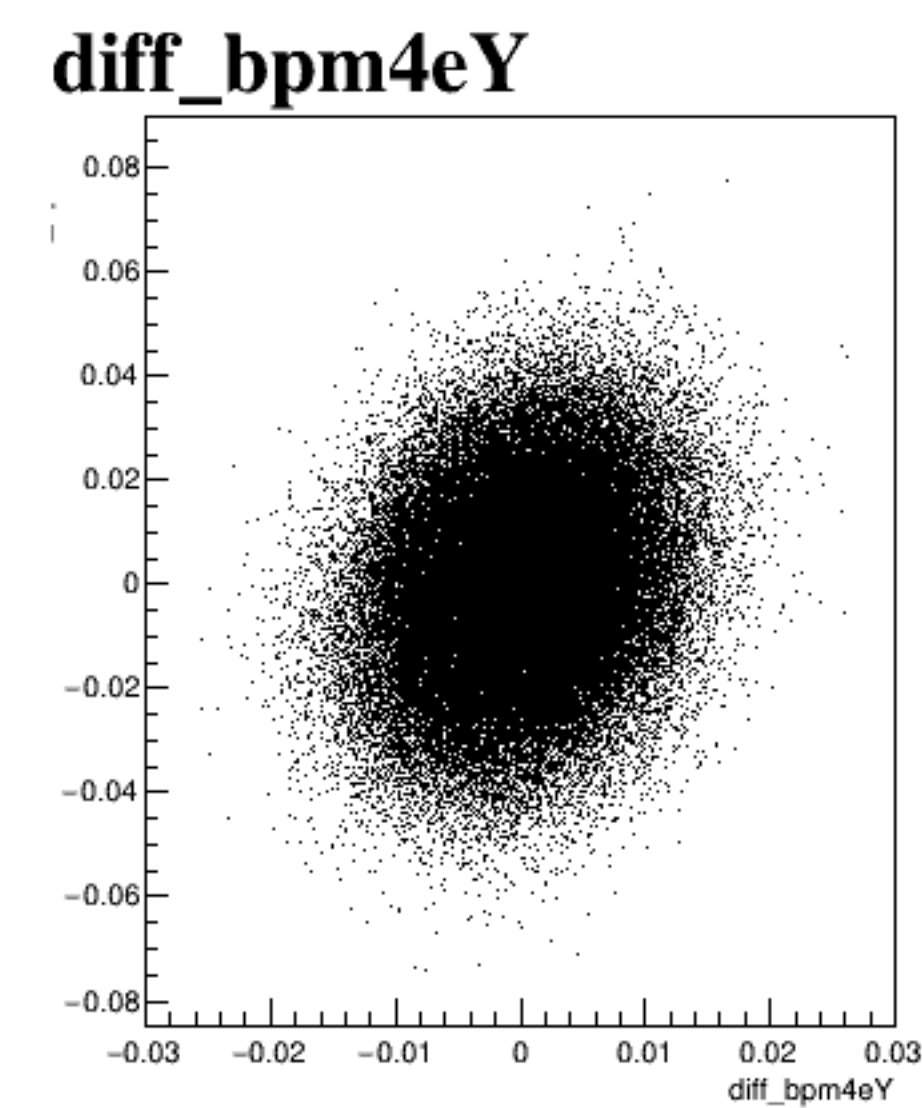
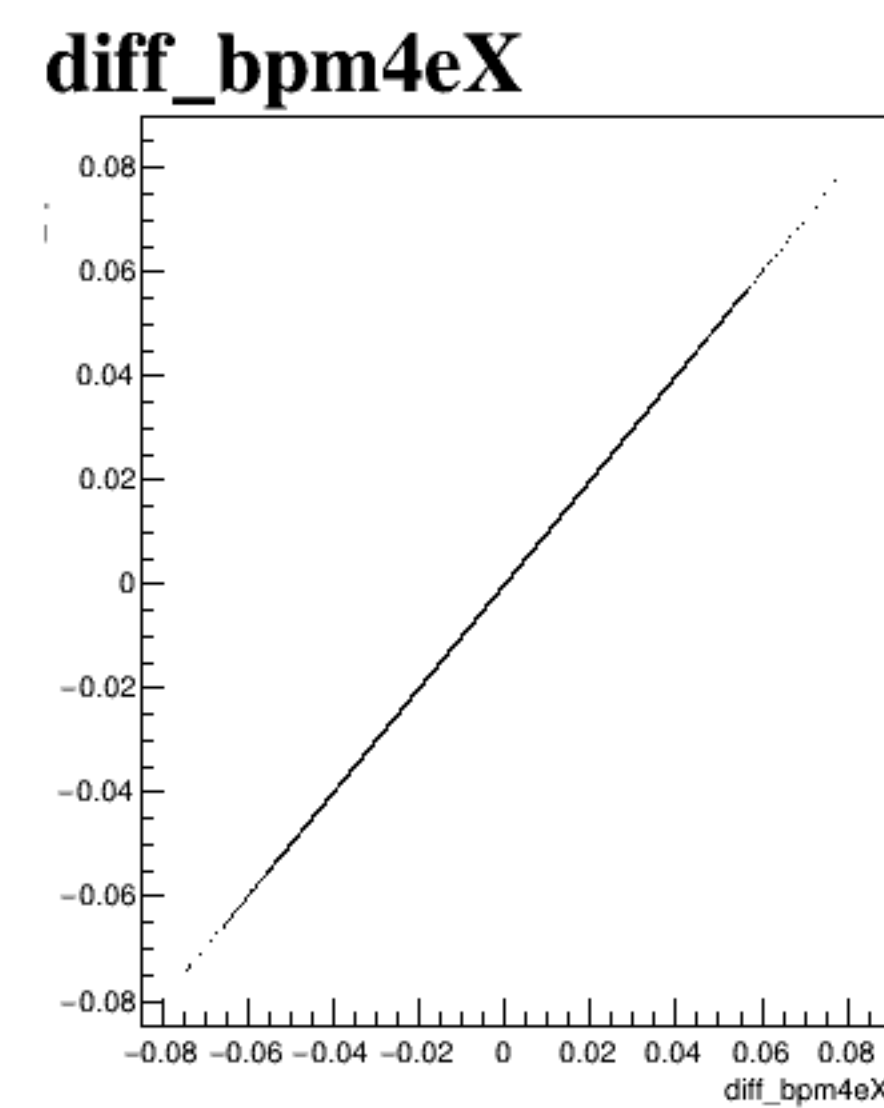
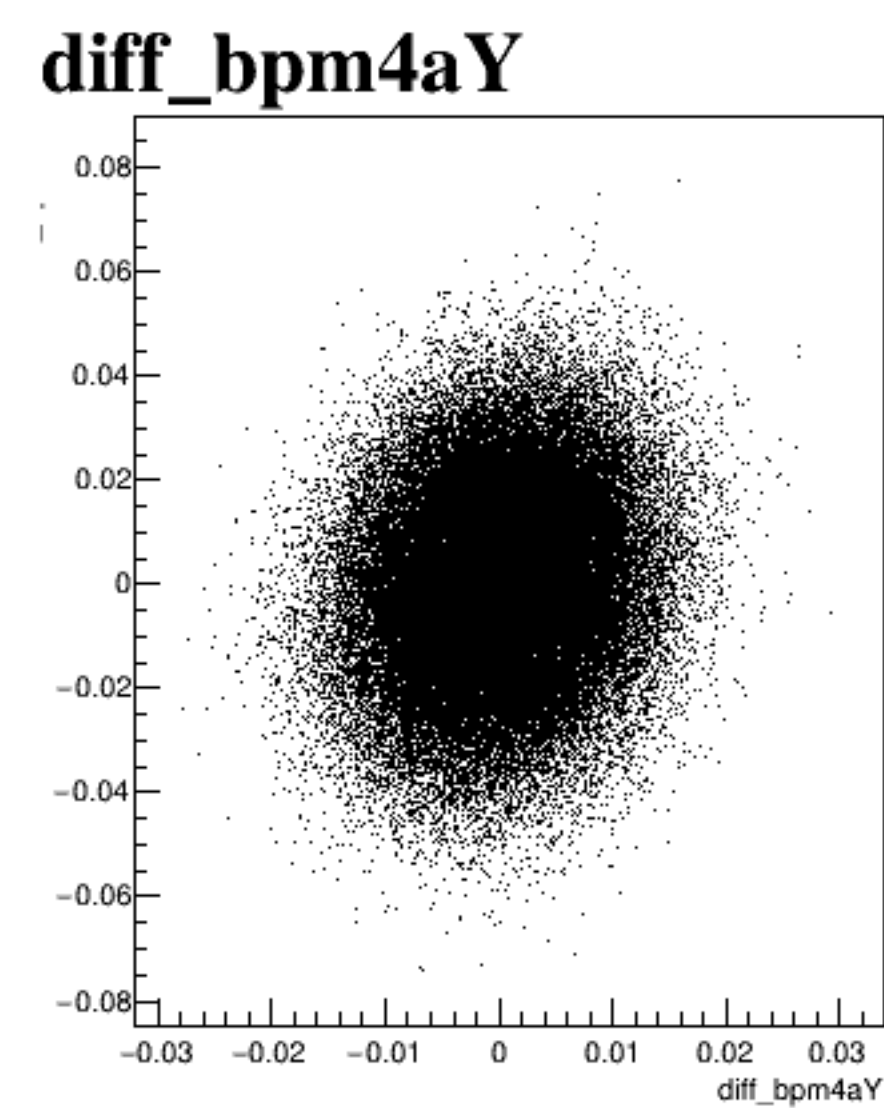
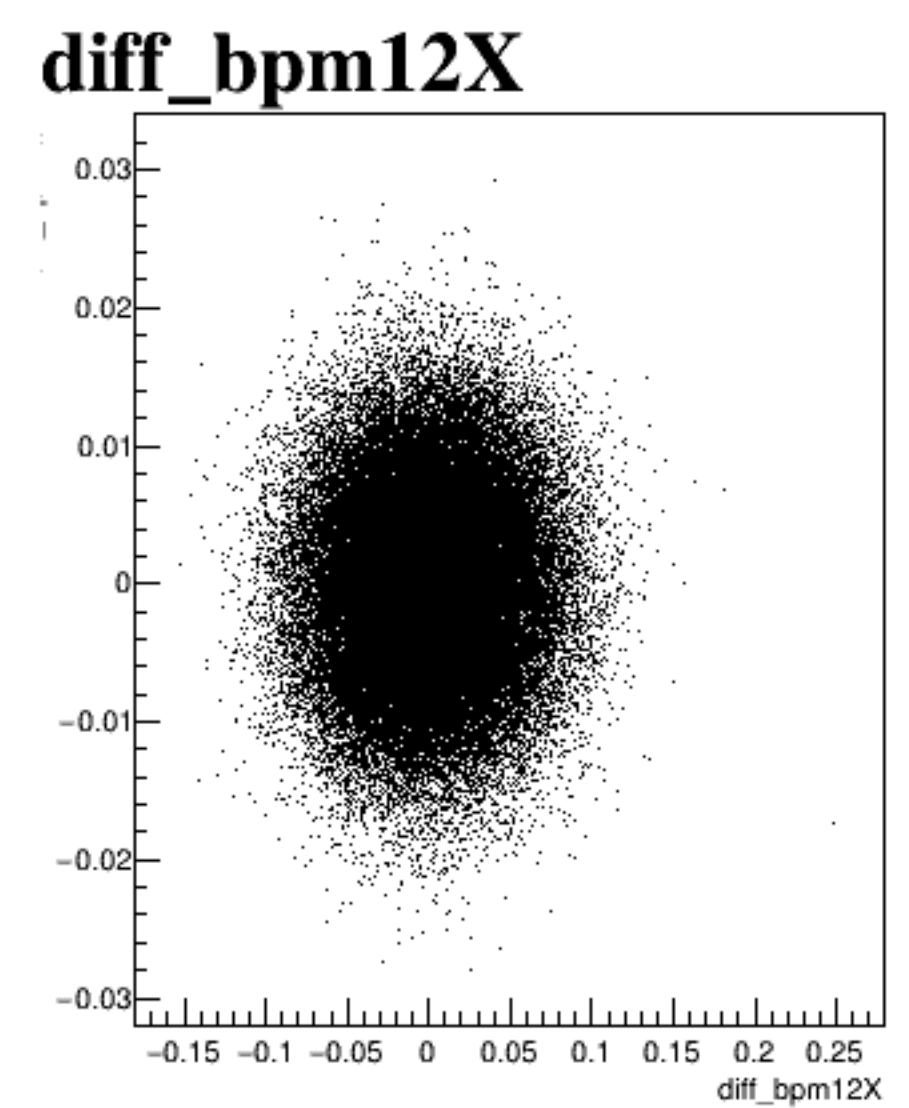
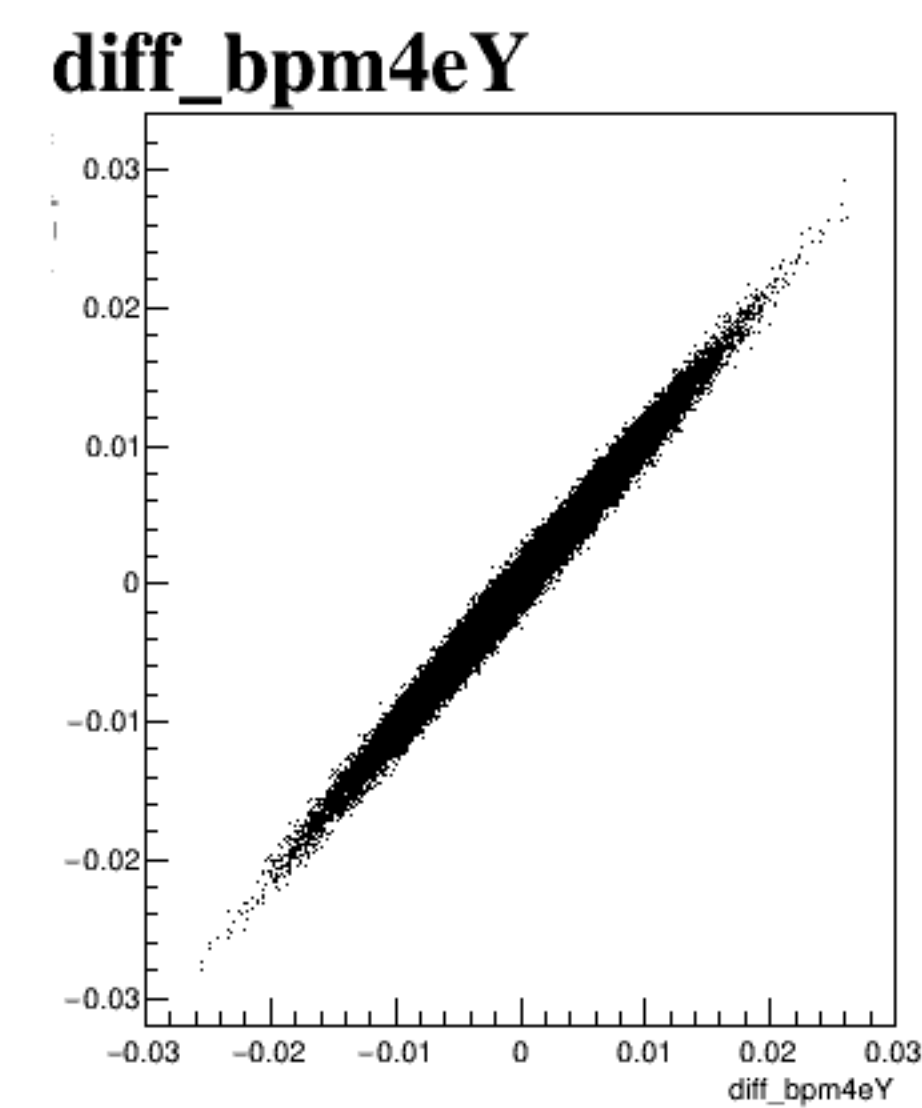
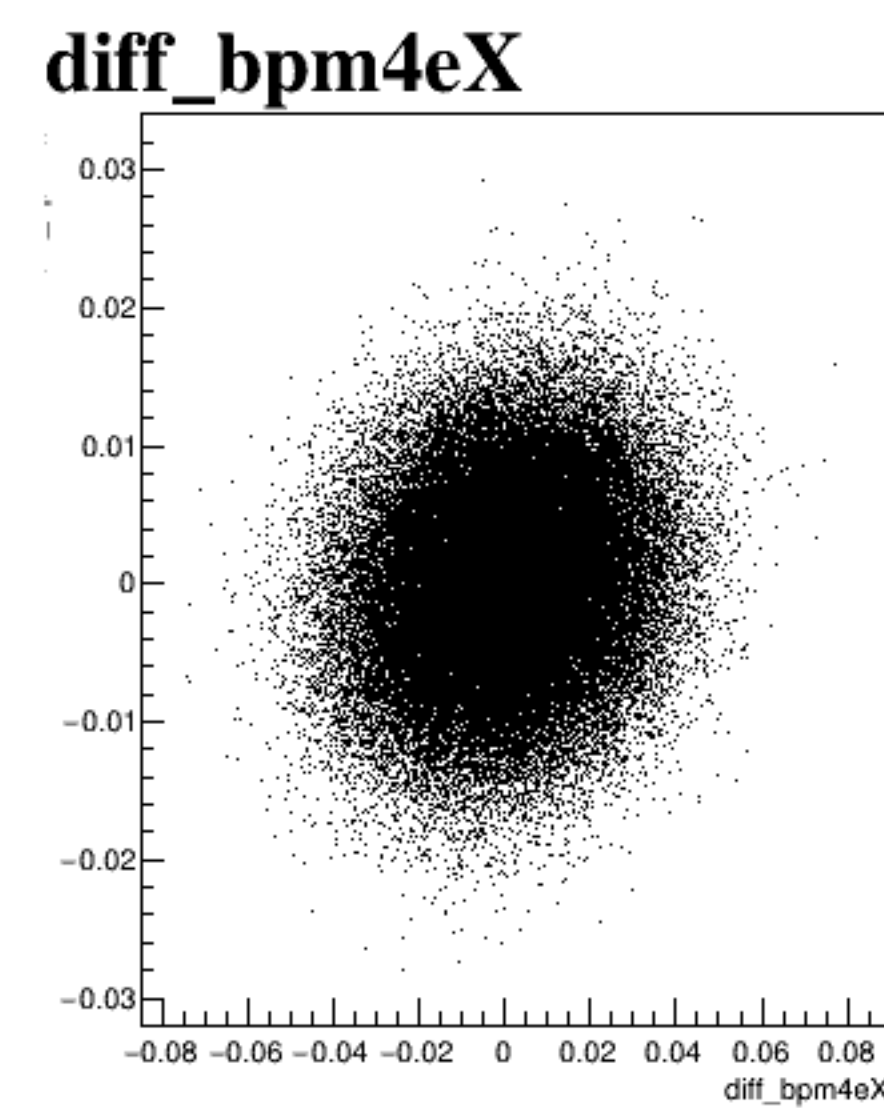
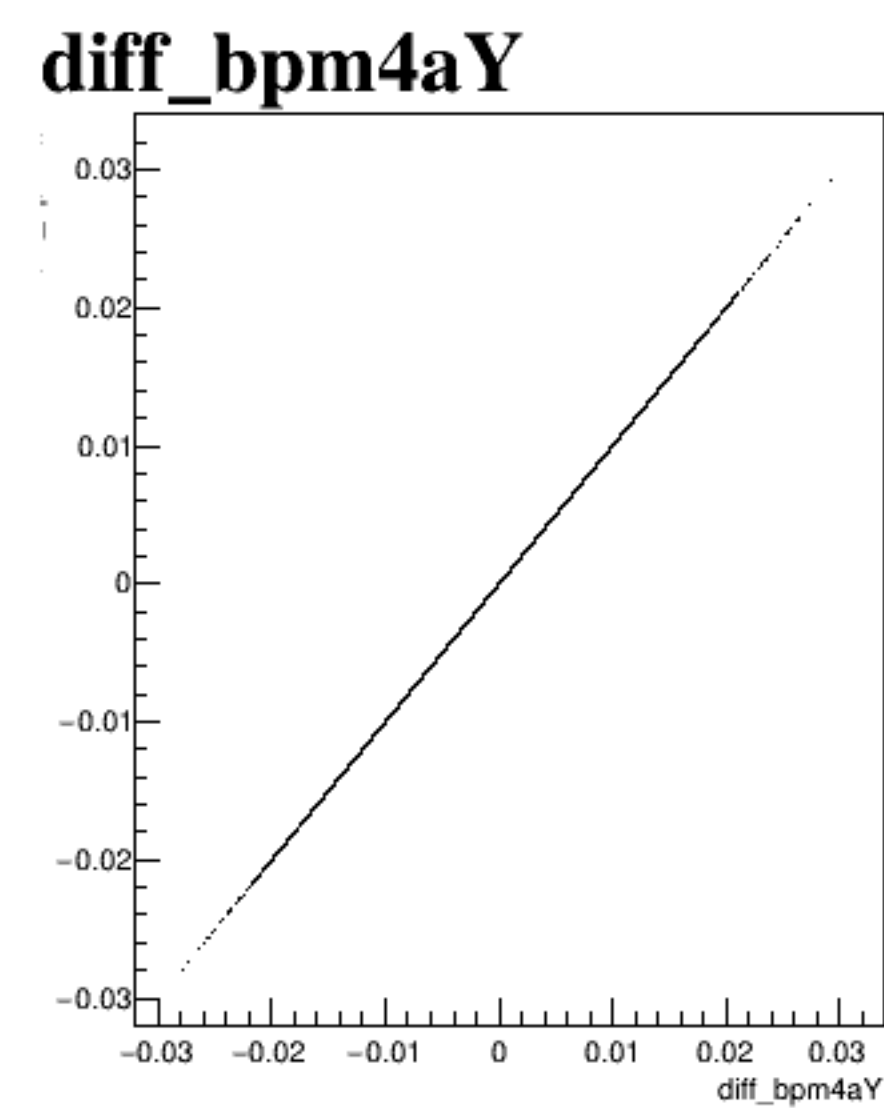
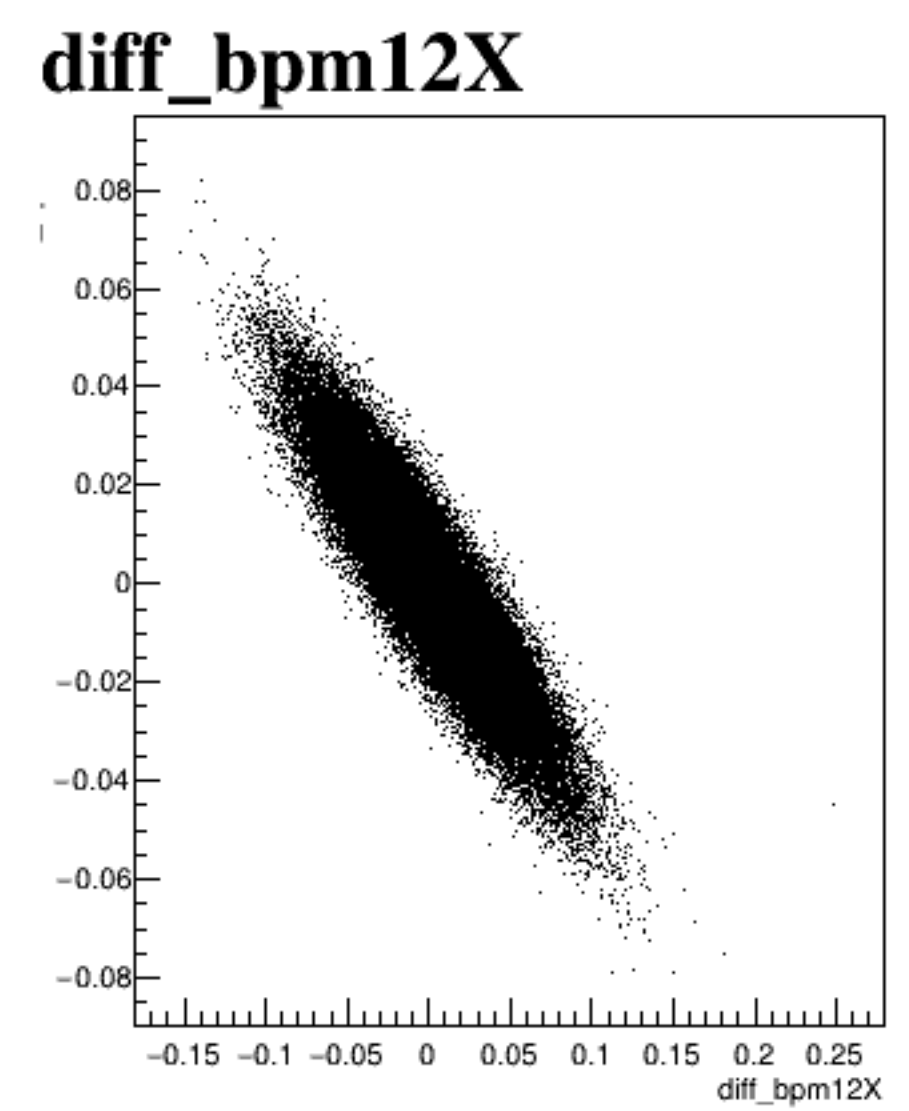
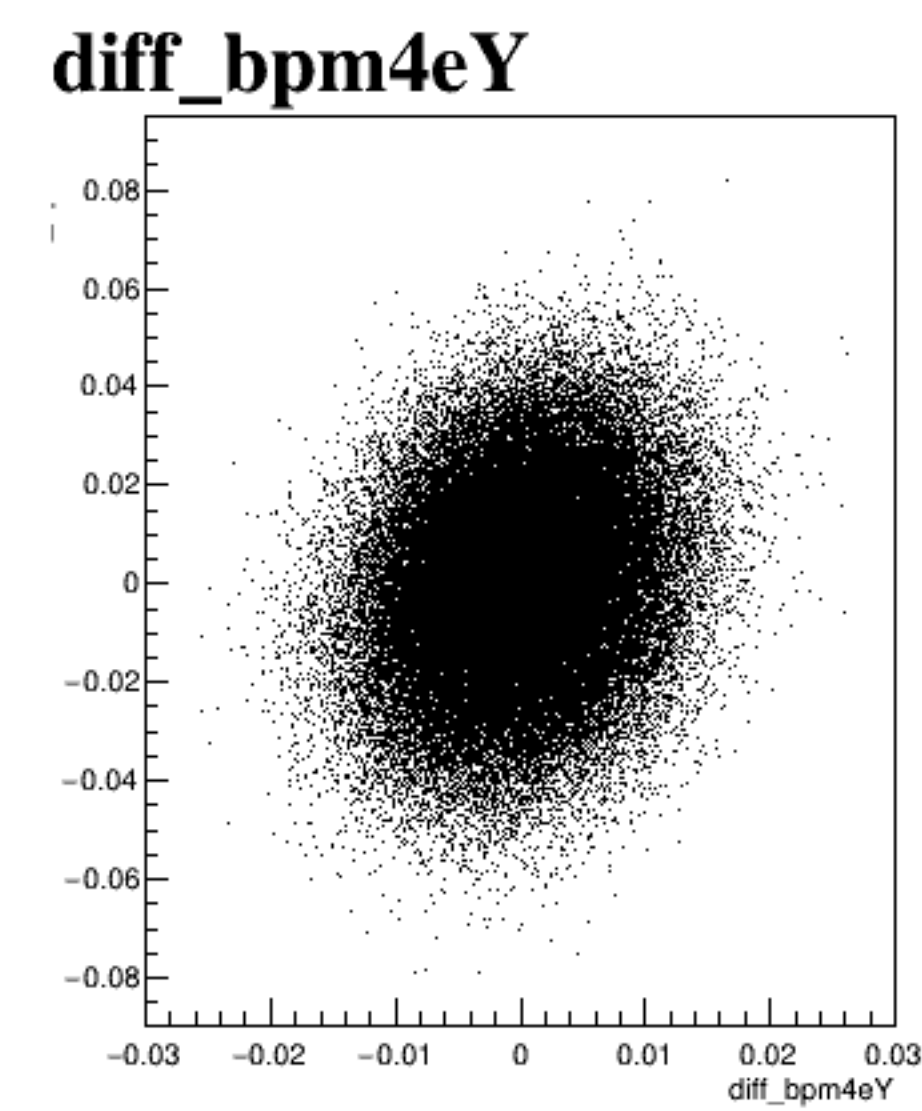
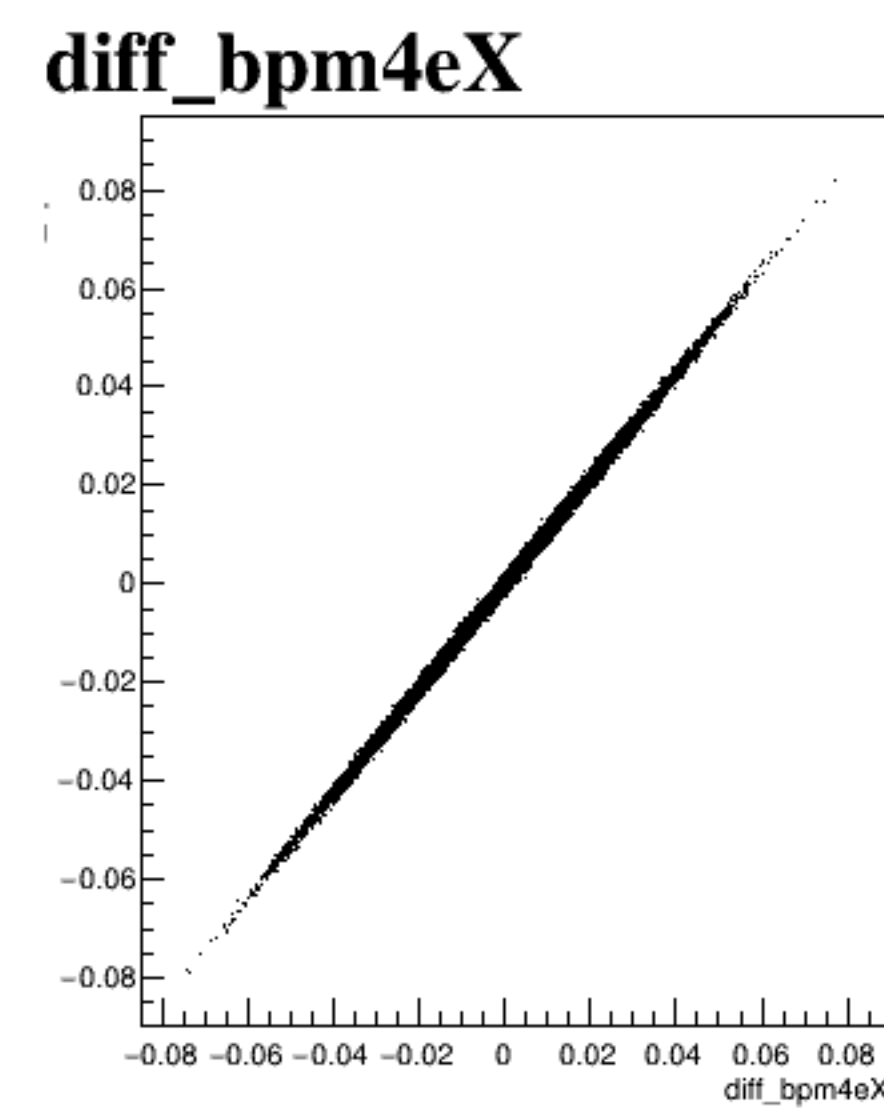
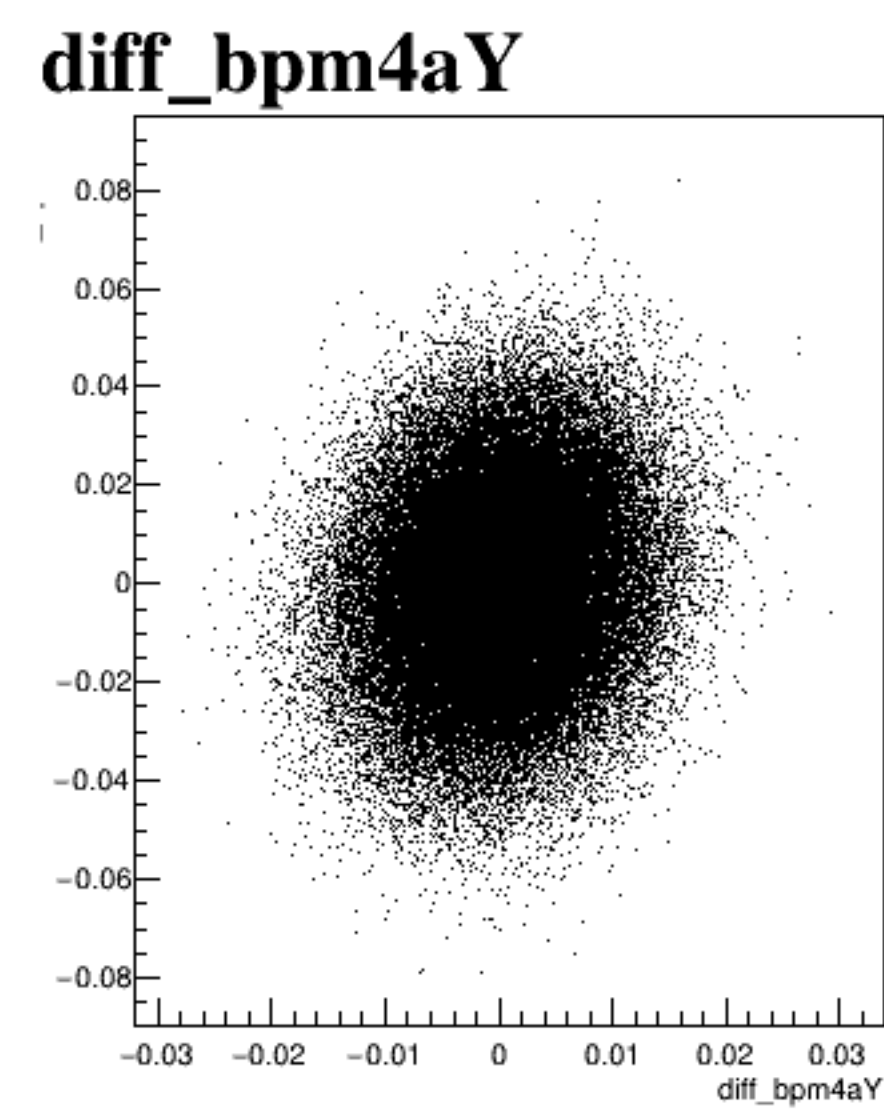
diff_bpm4eY



diff_bpm12X

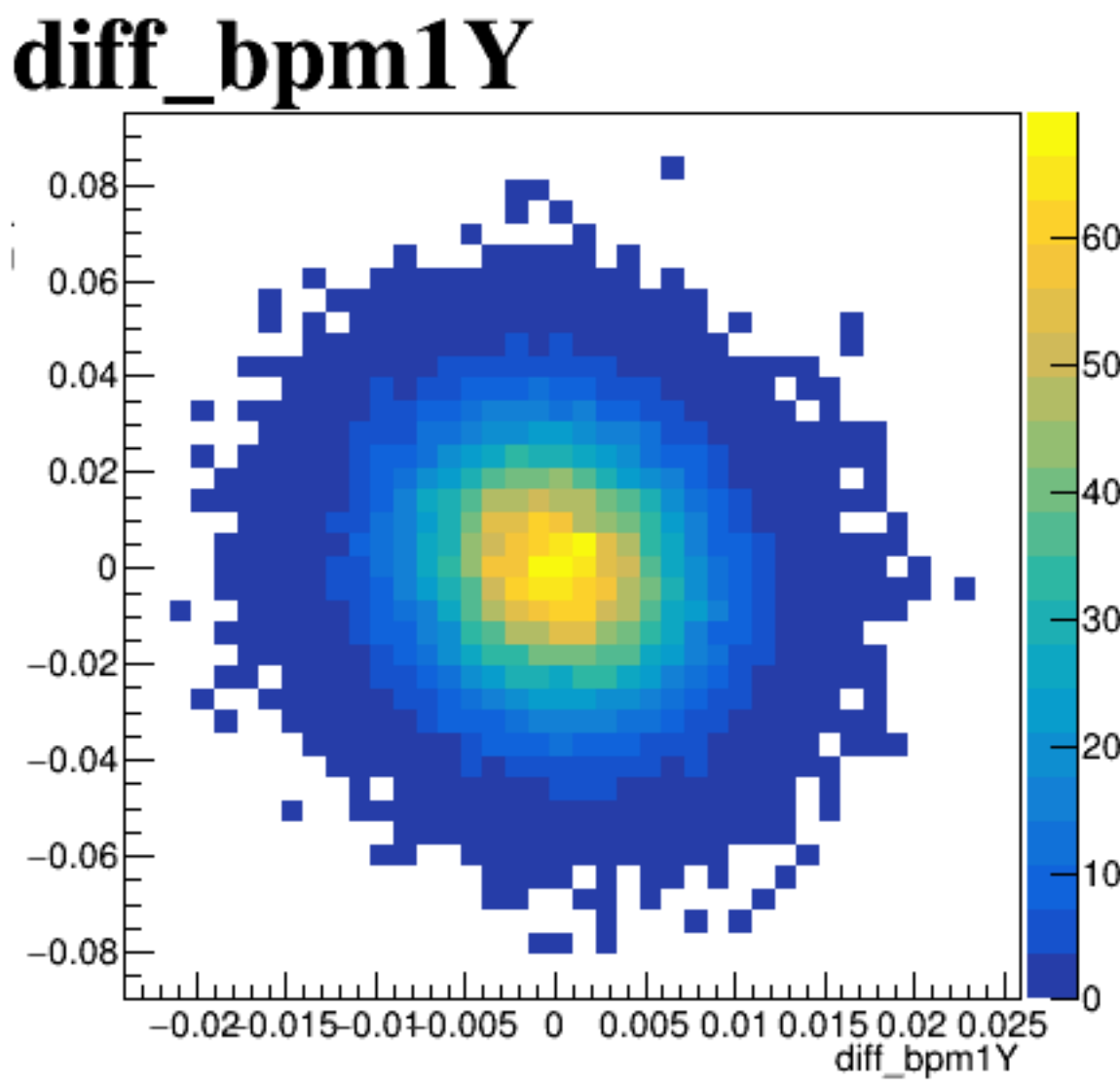
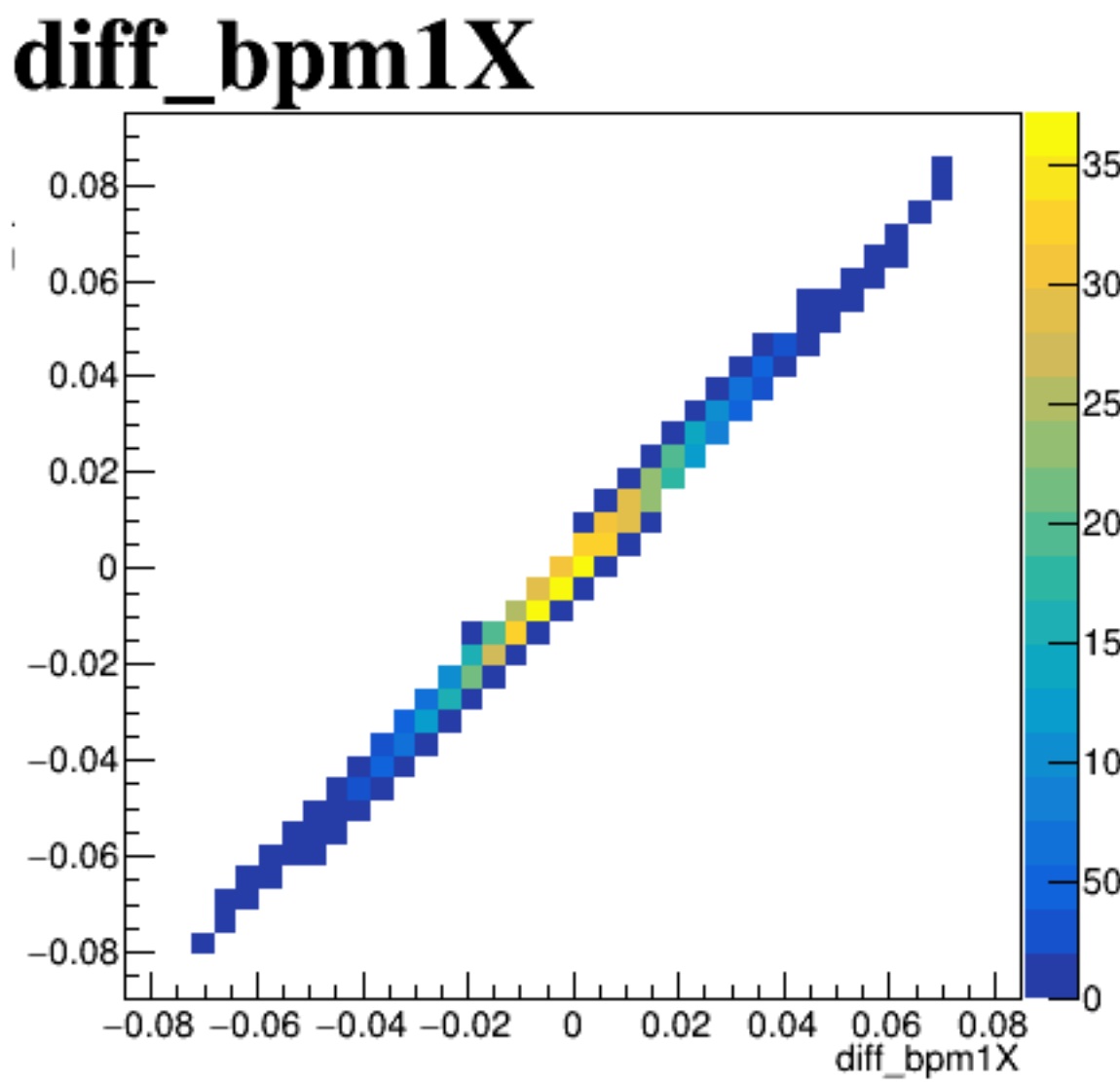
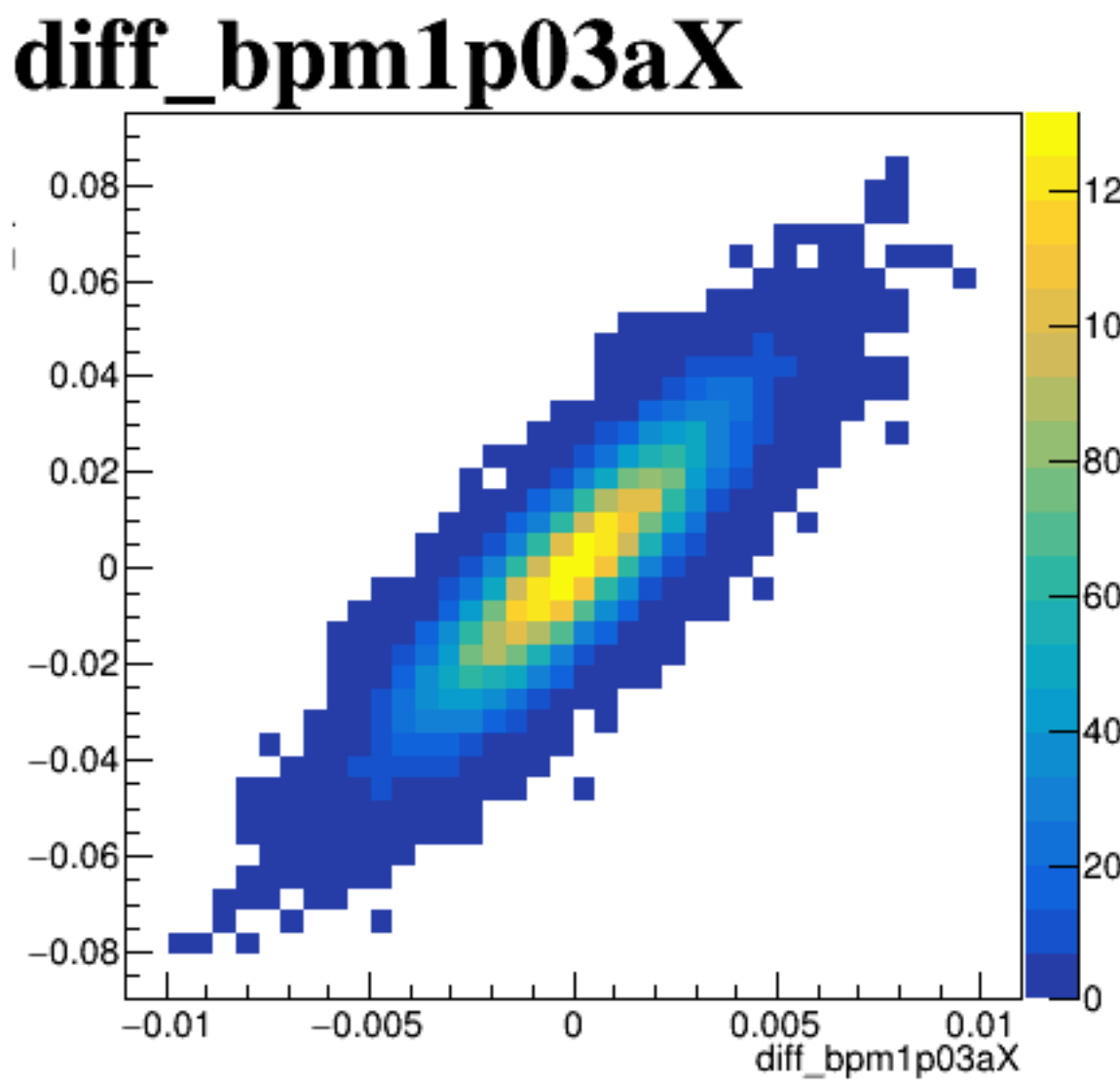
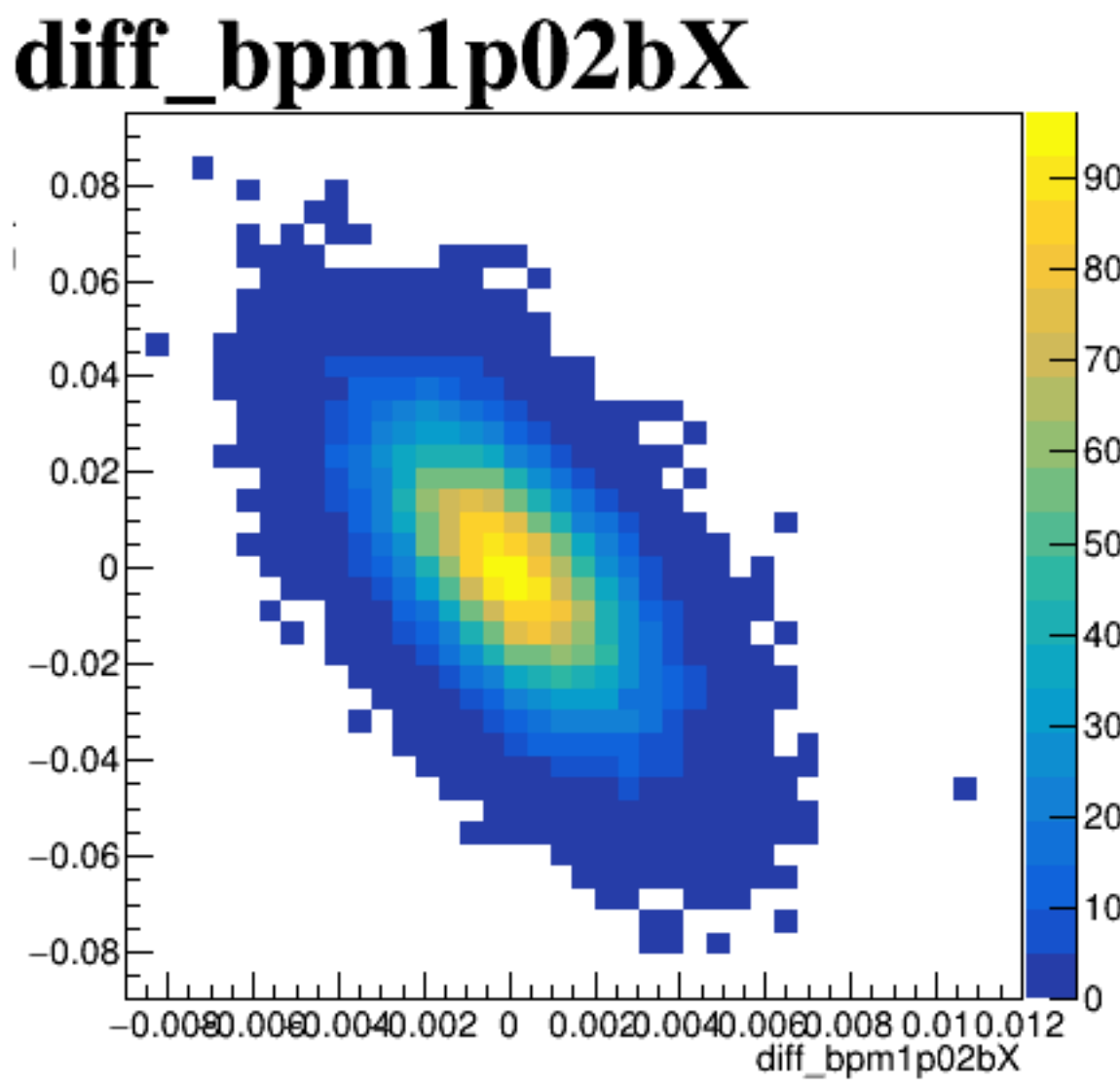


run8157_000_diff_bpm_mutual_correlation_fit_default.png

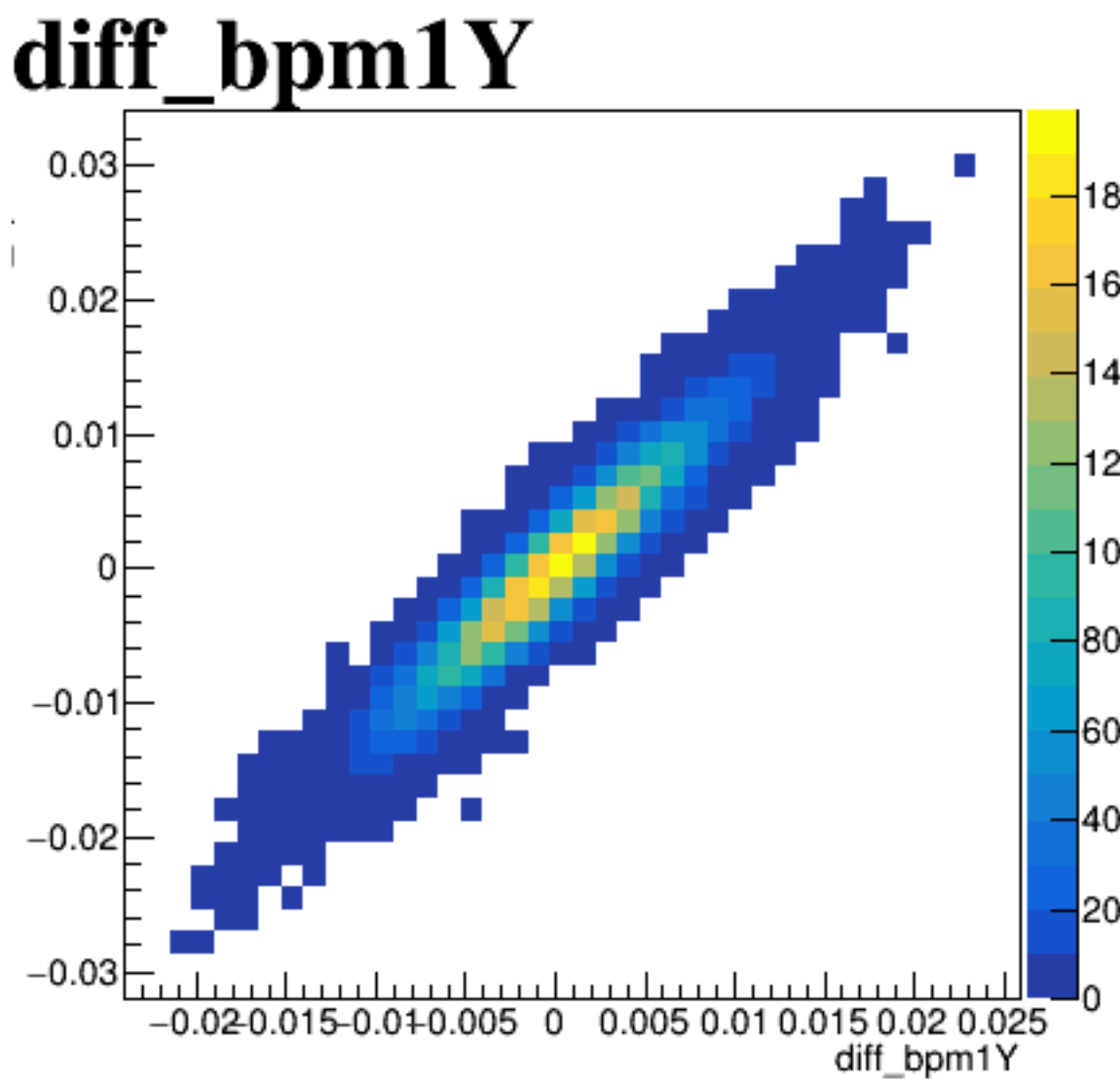
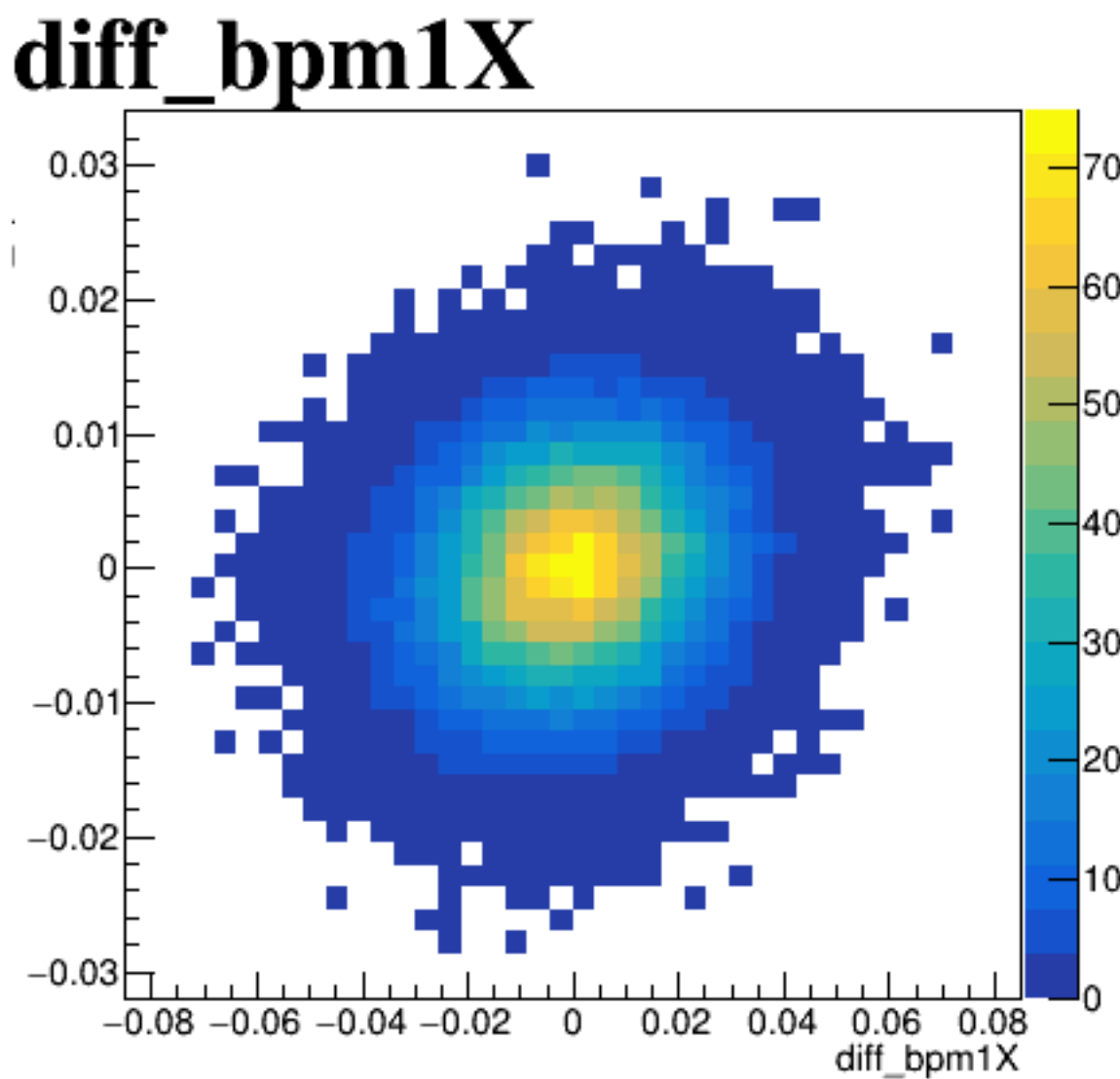
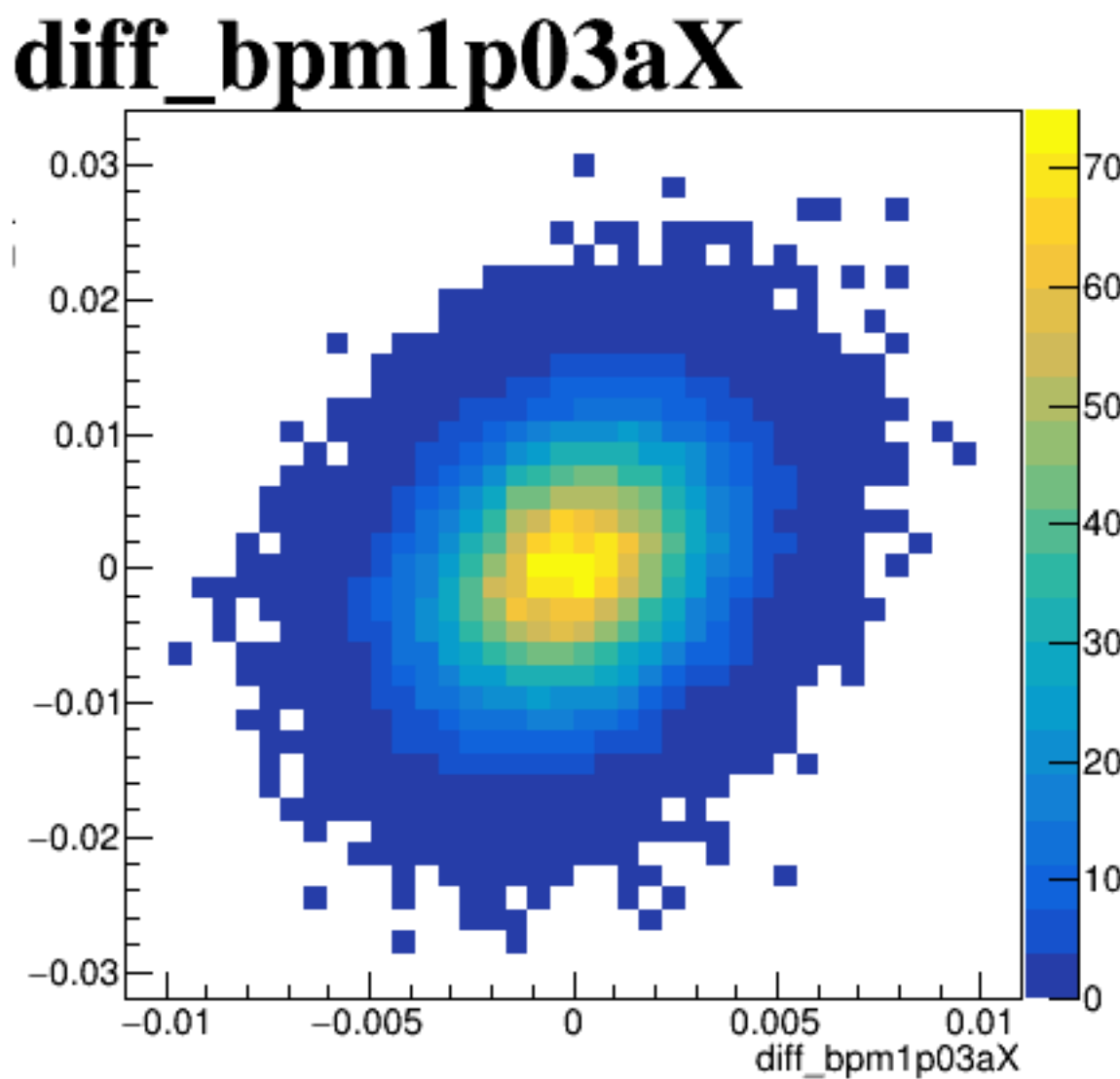
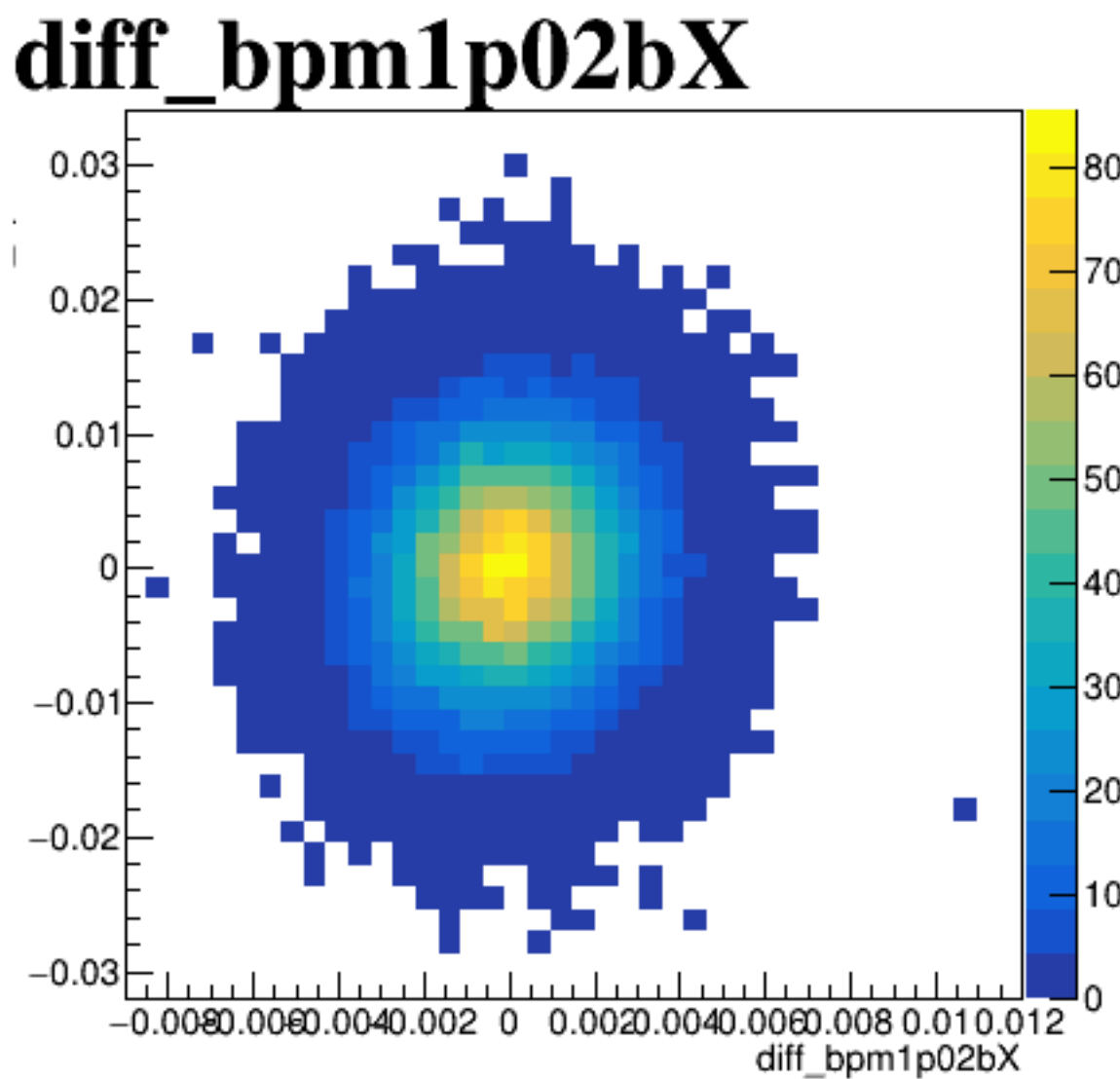


run8157_000_diff_bpm_mutual_correlation_scatter_default.png

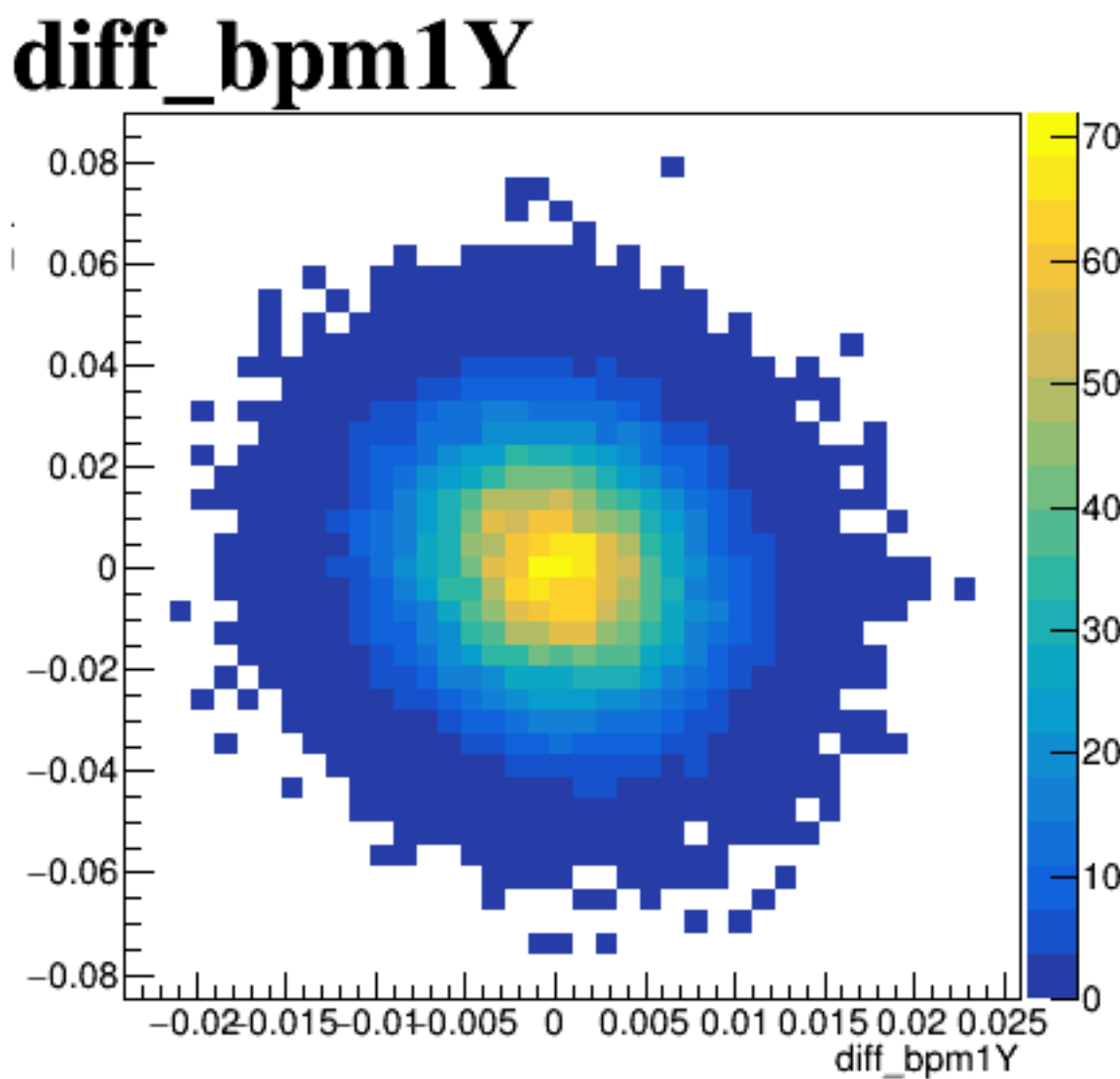
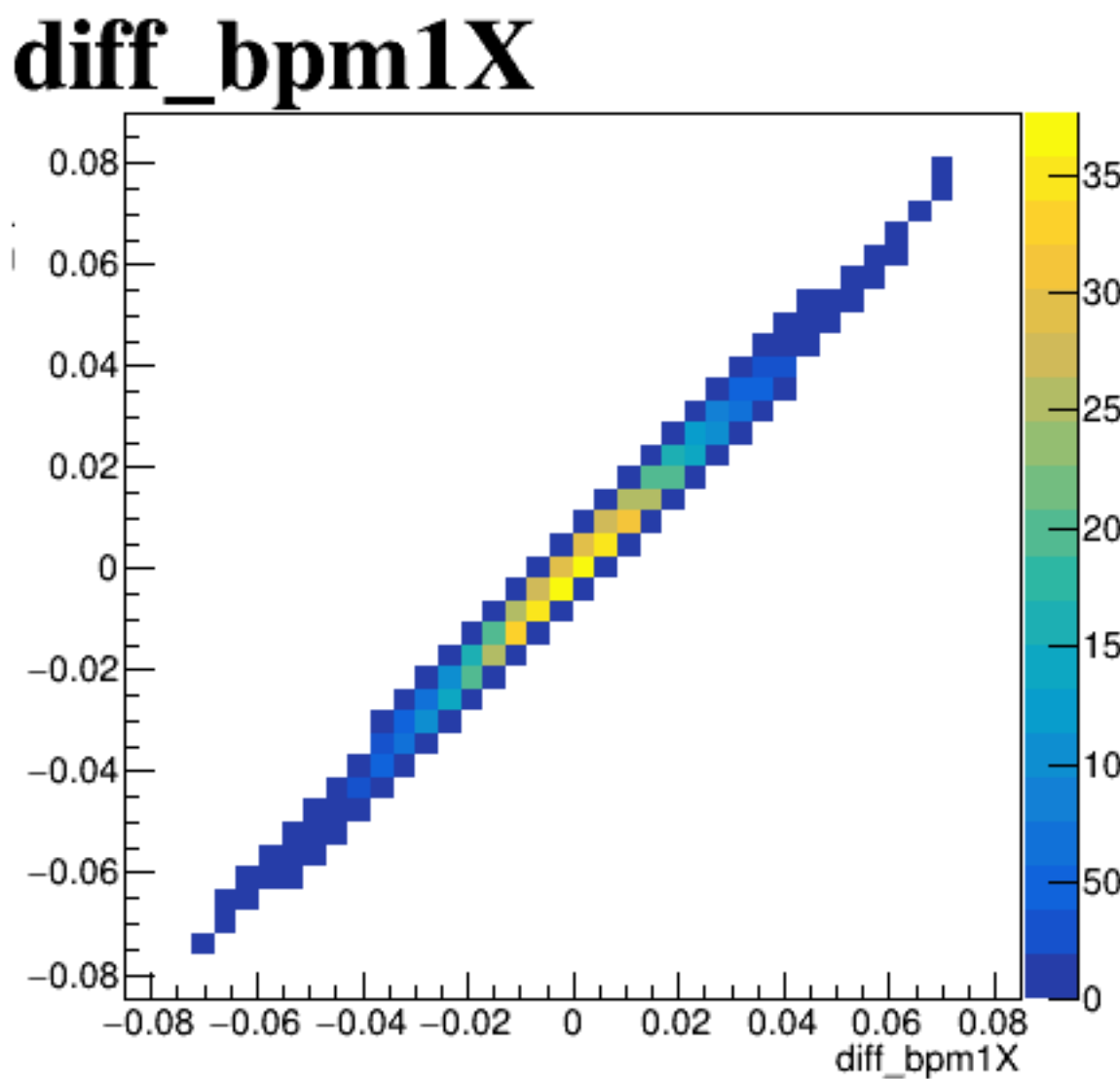
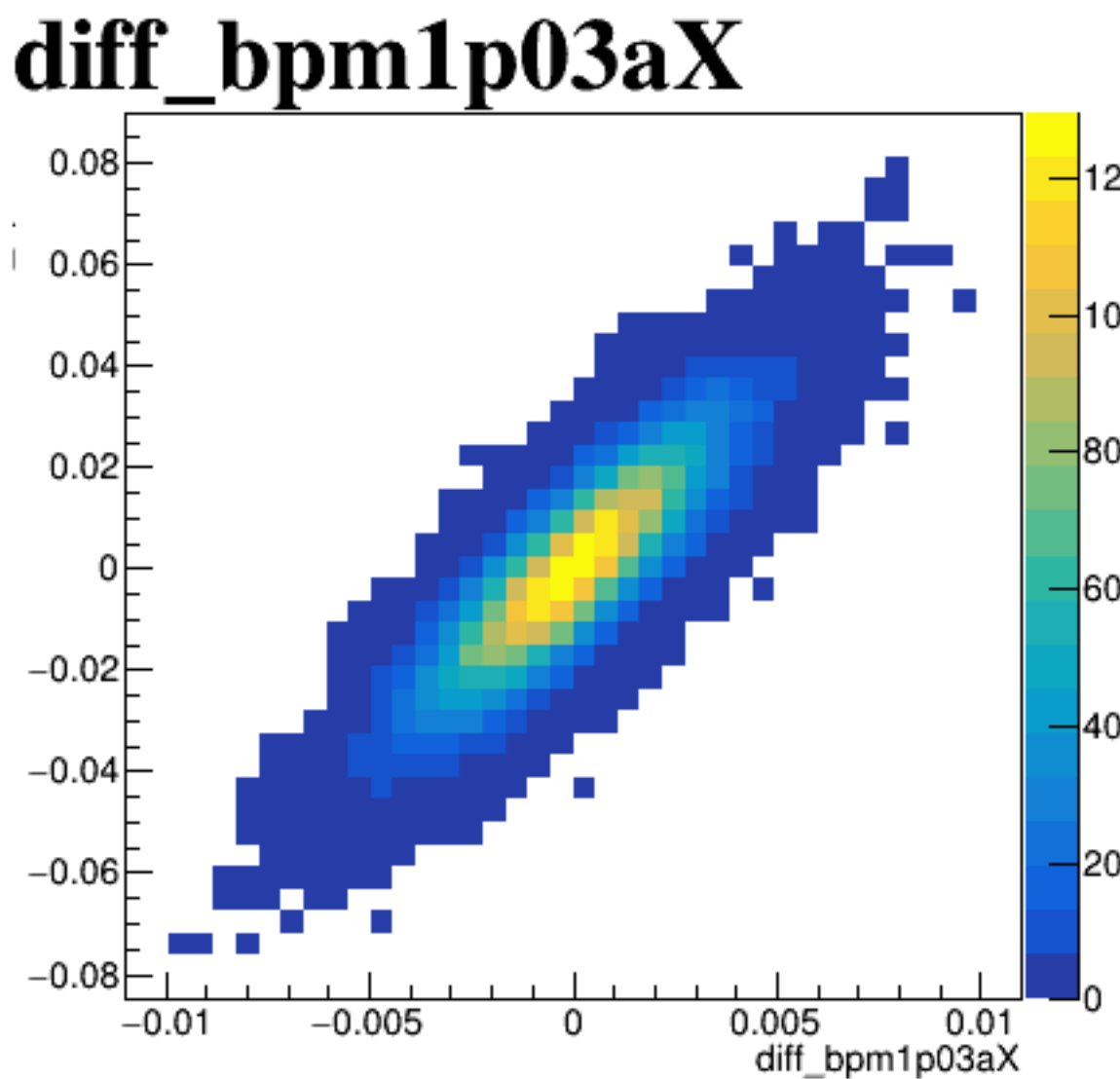
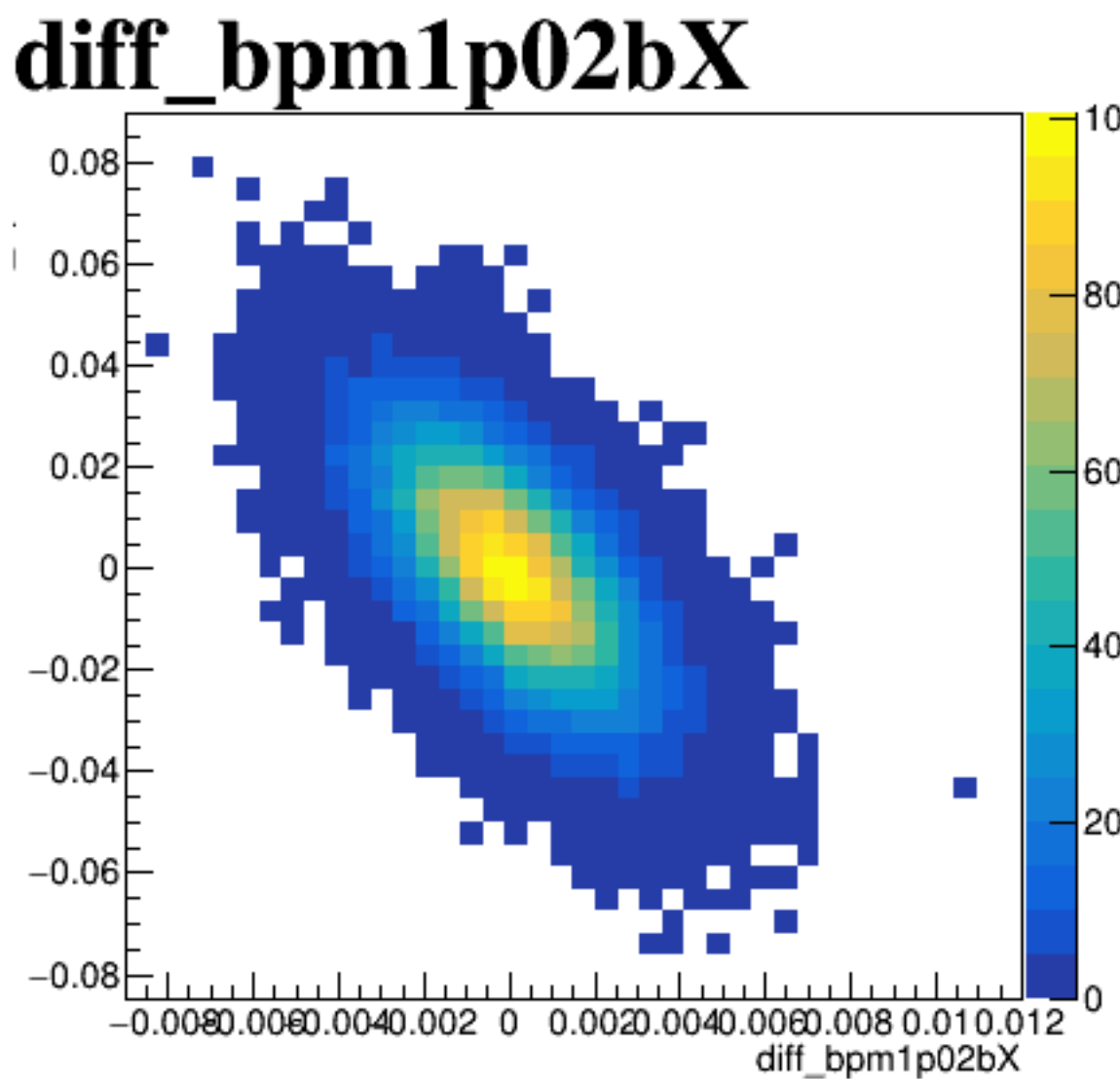
diff_bpm4aX



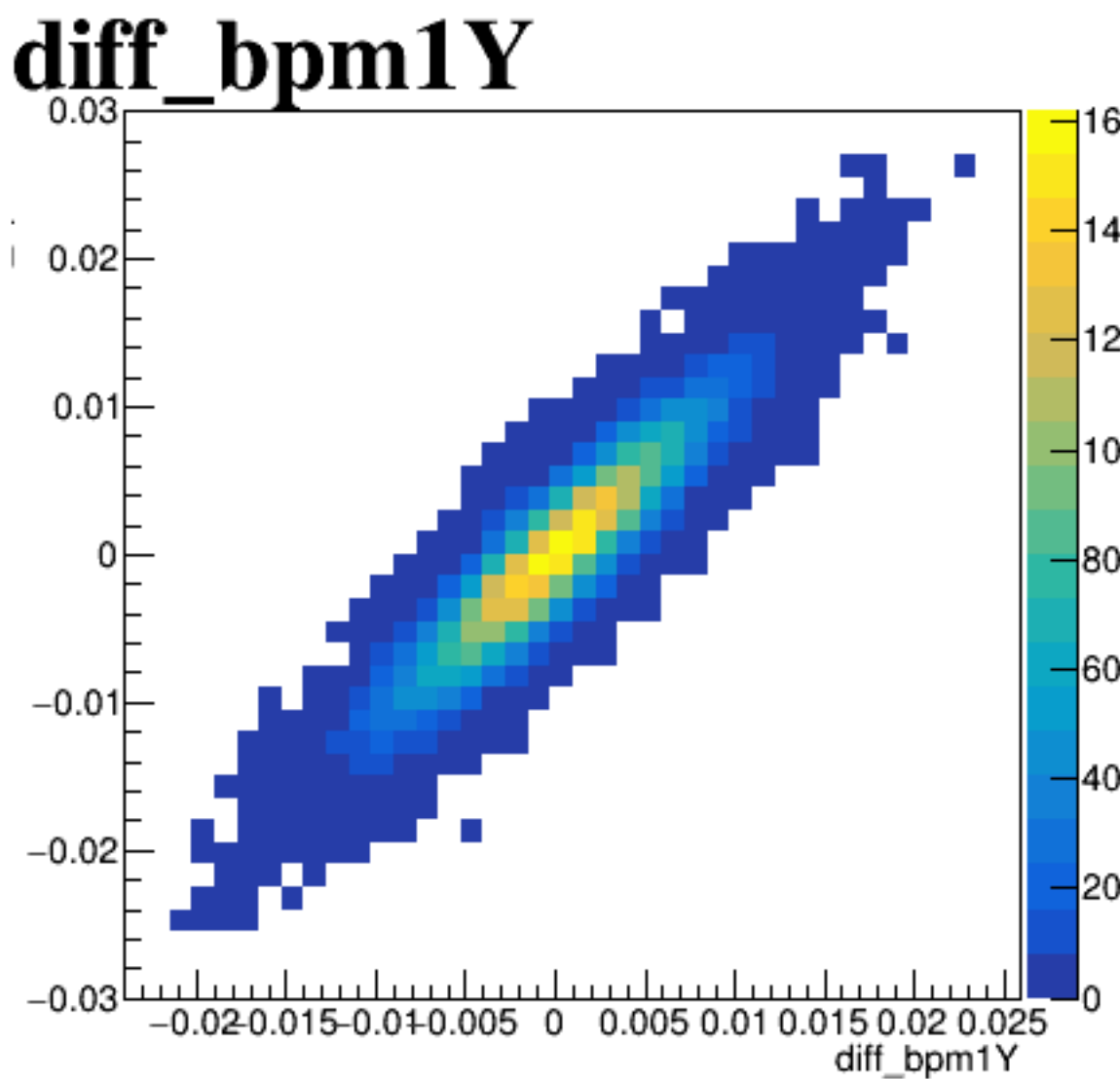
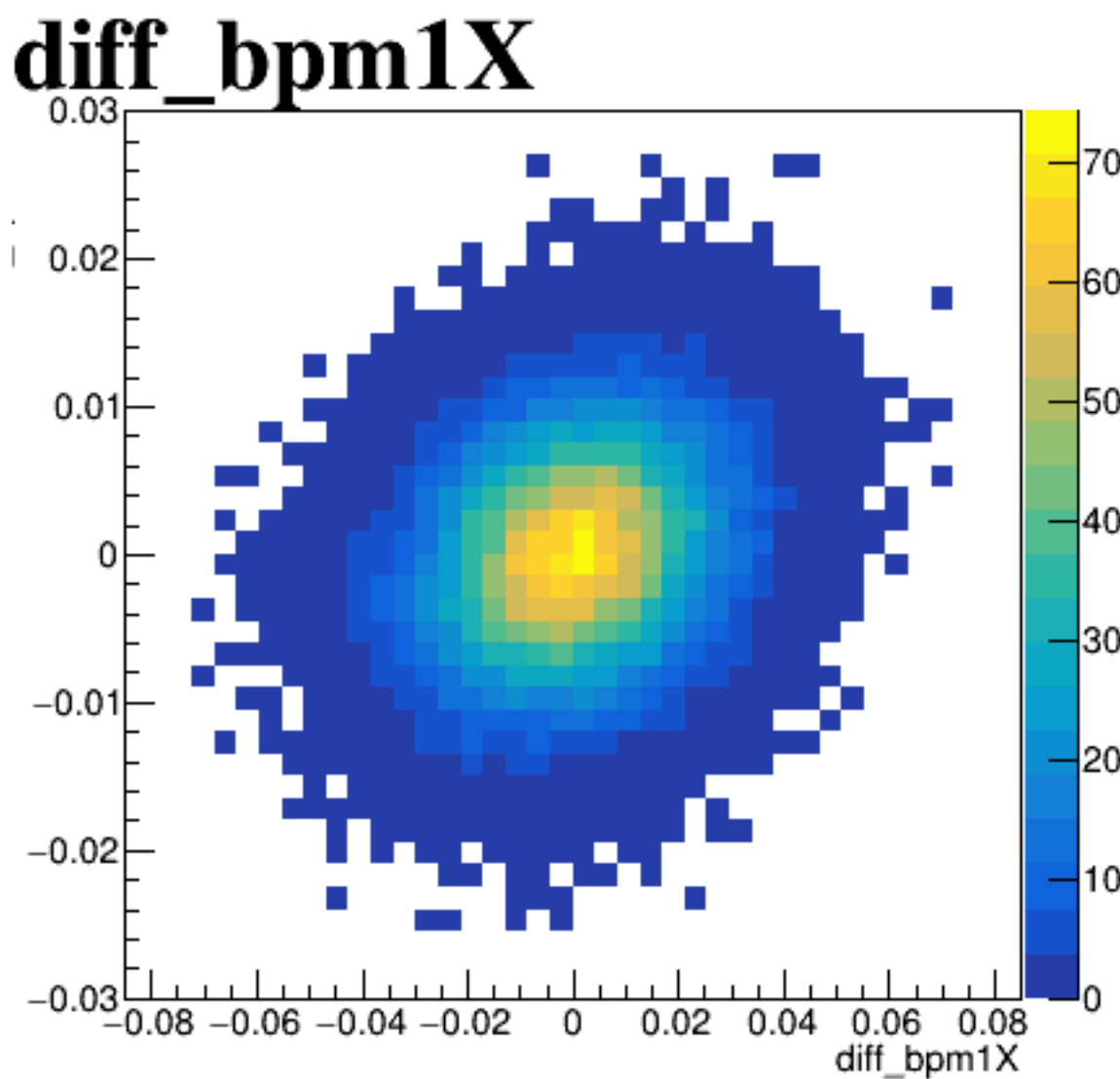
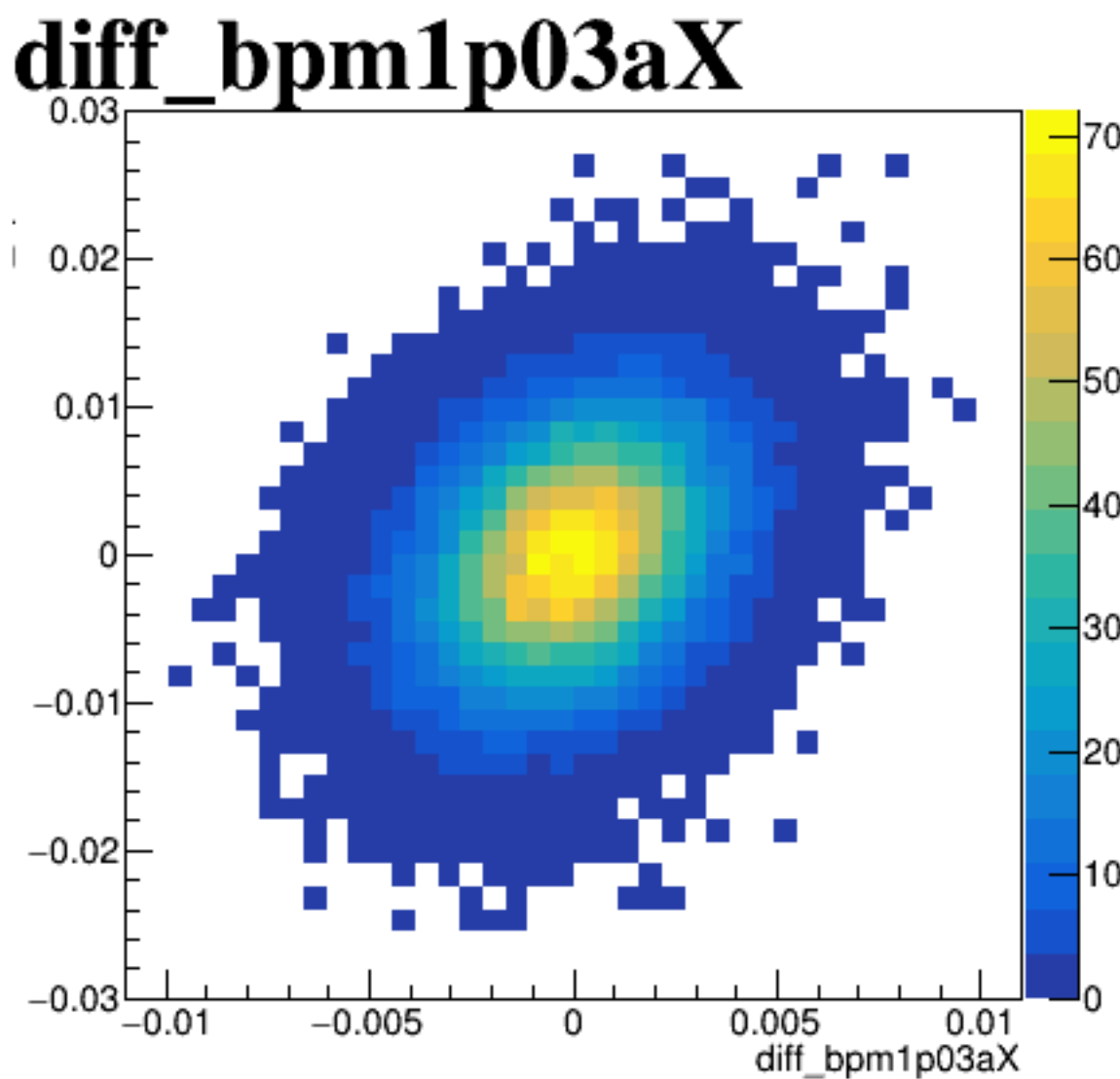
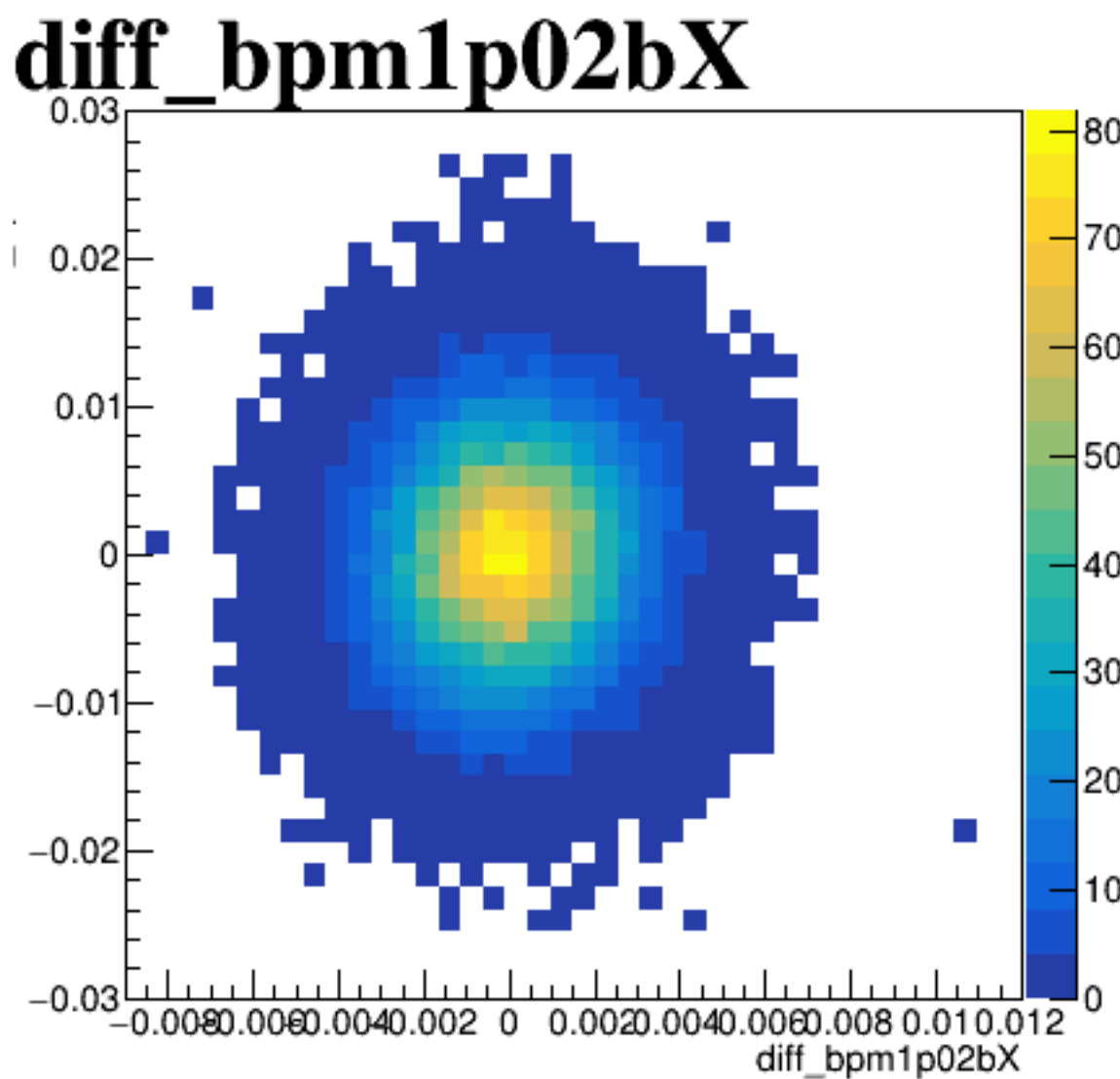
diff_bpm4aY



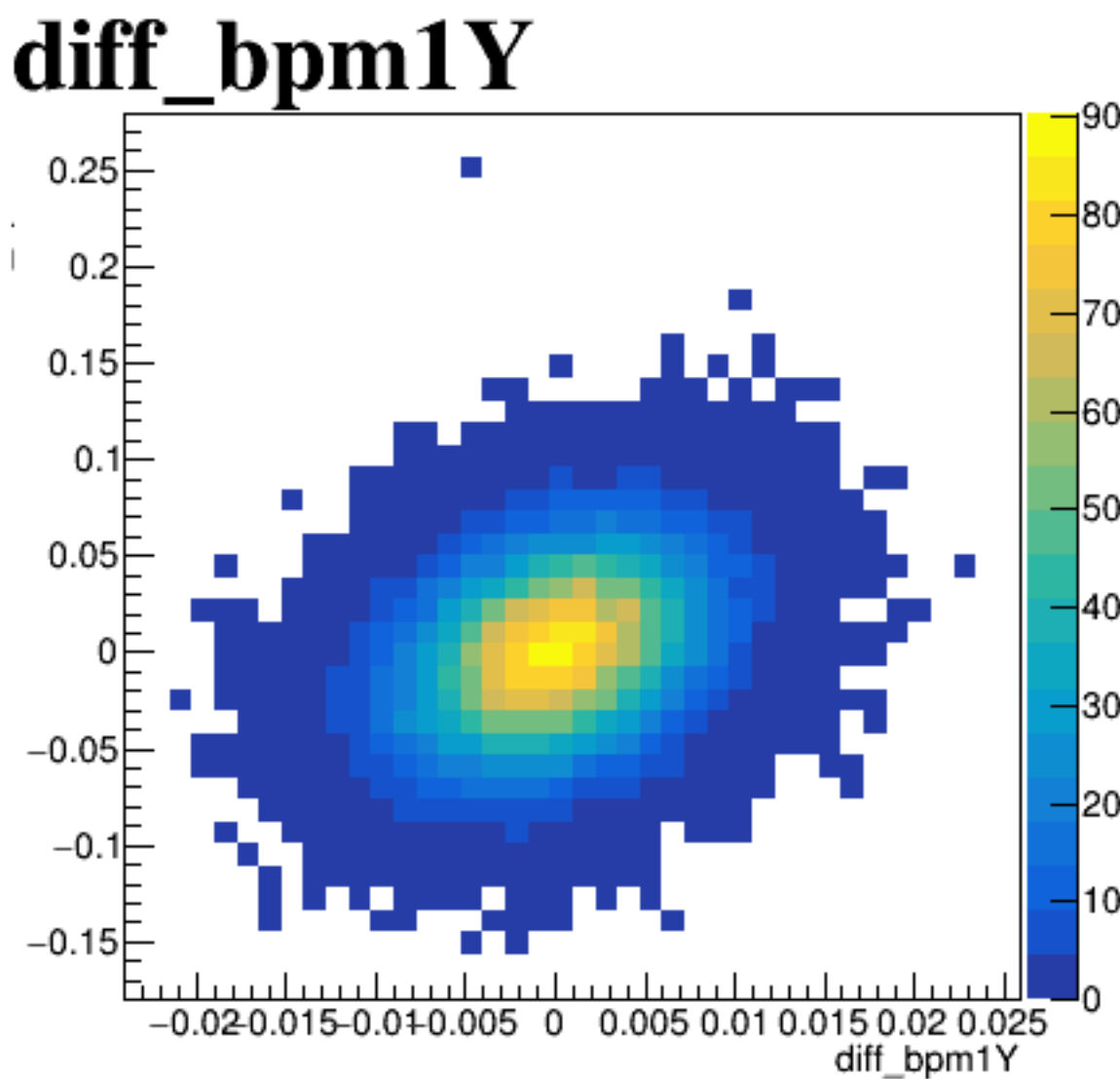
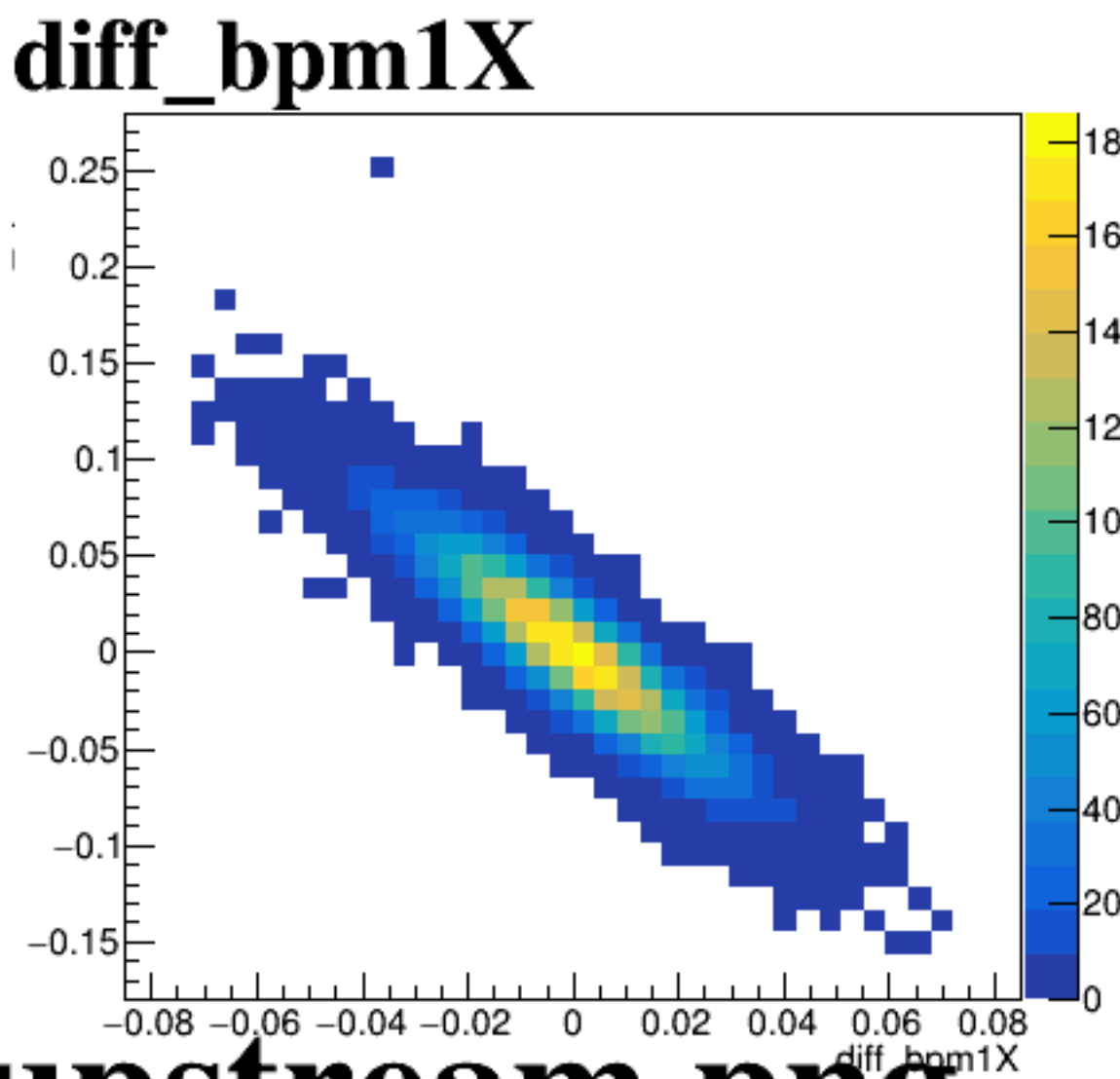
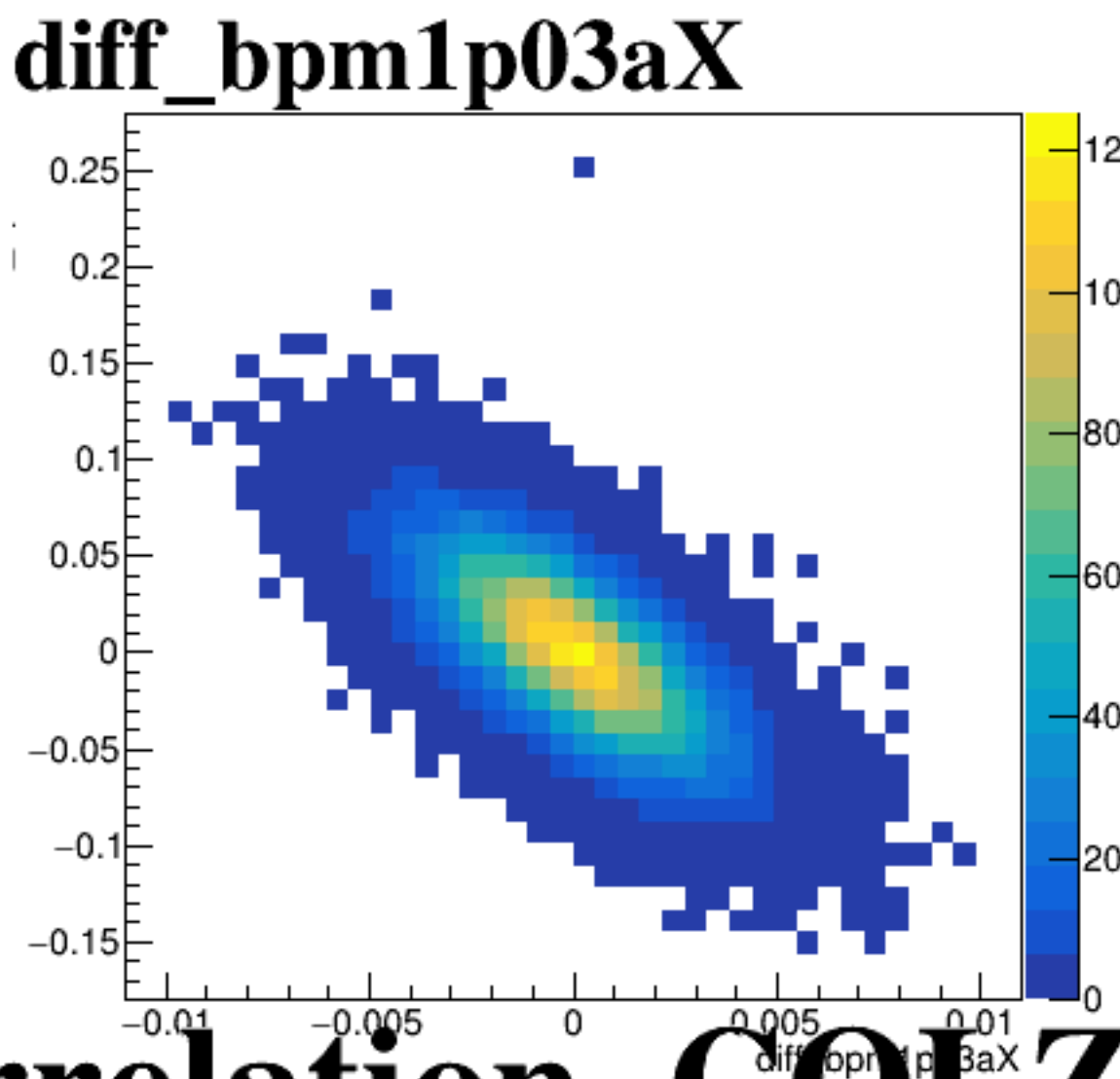
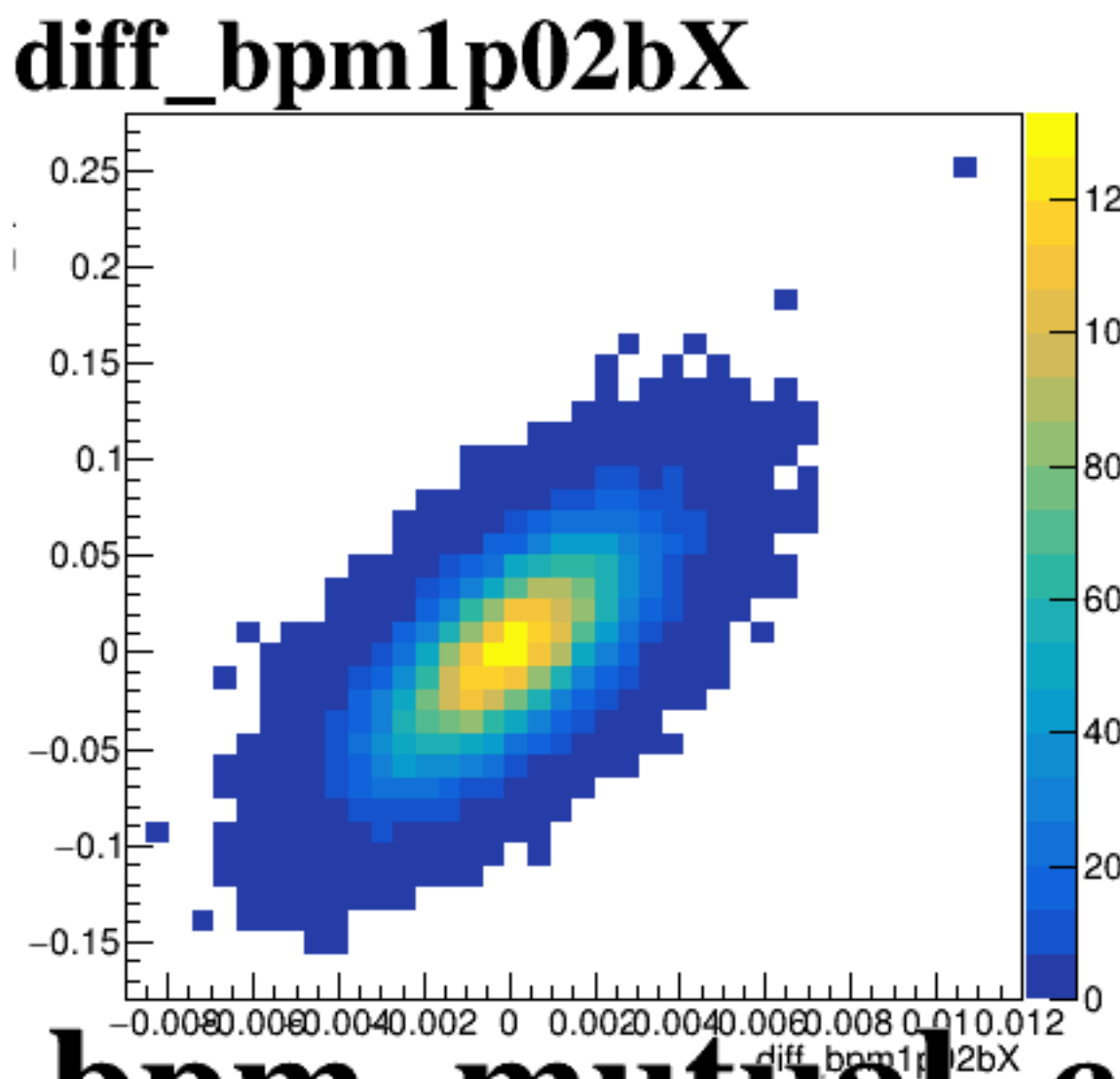
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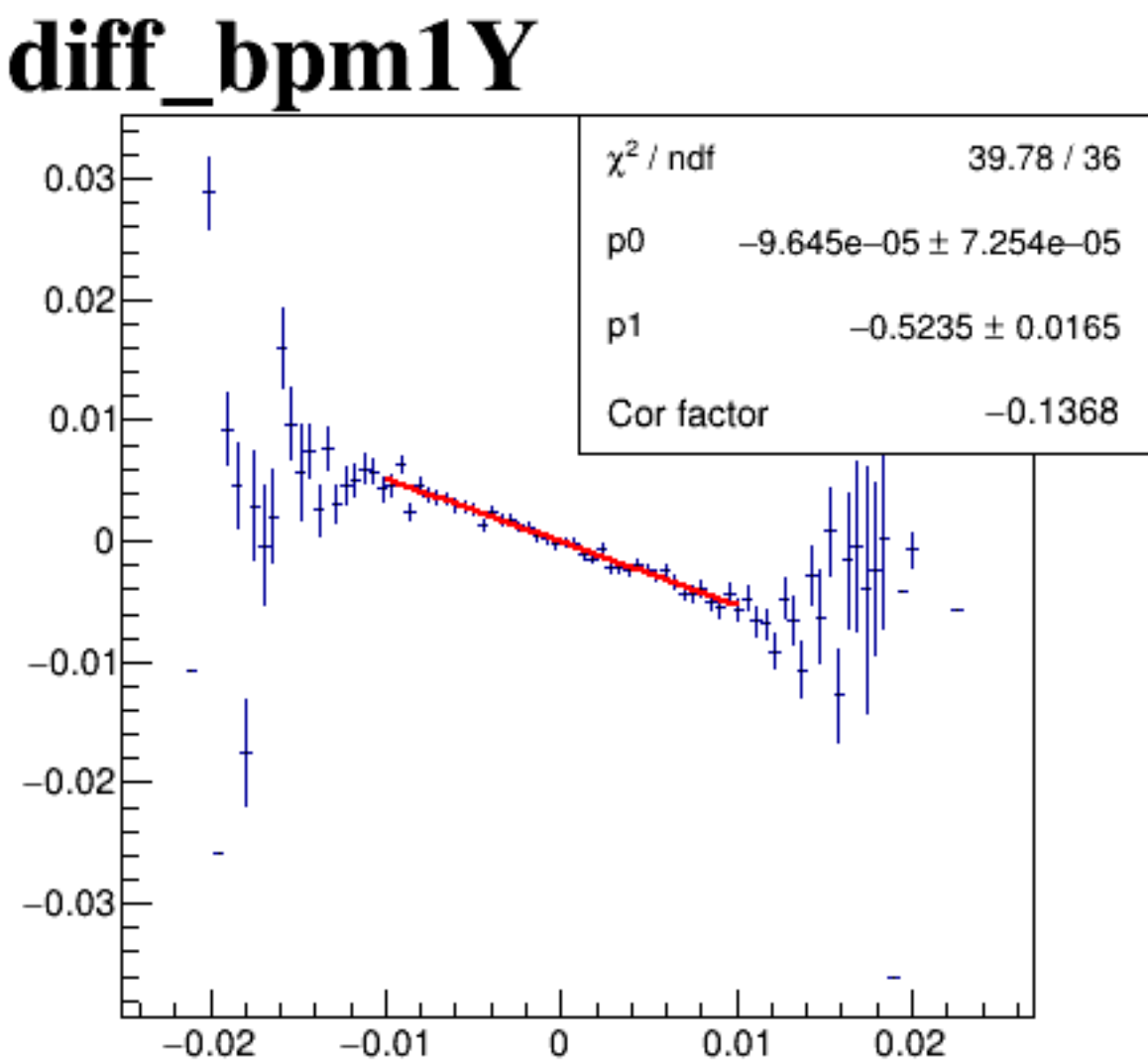
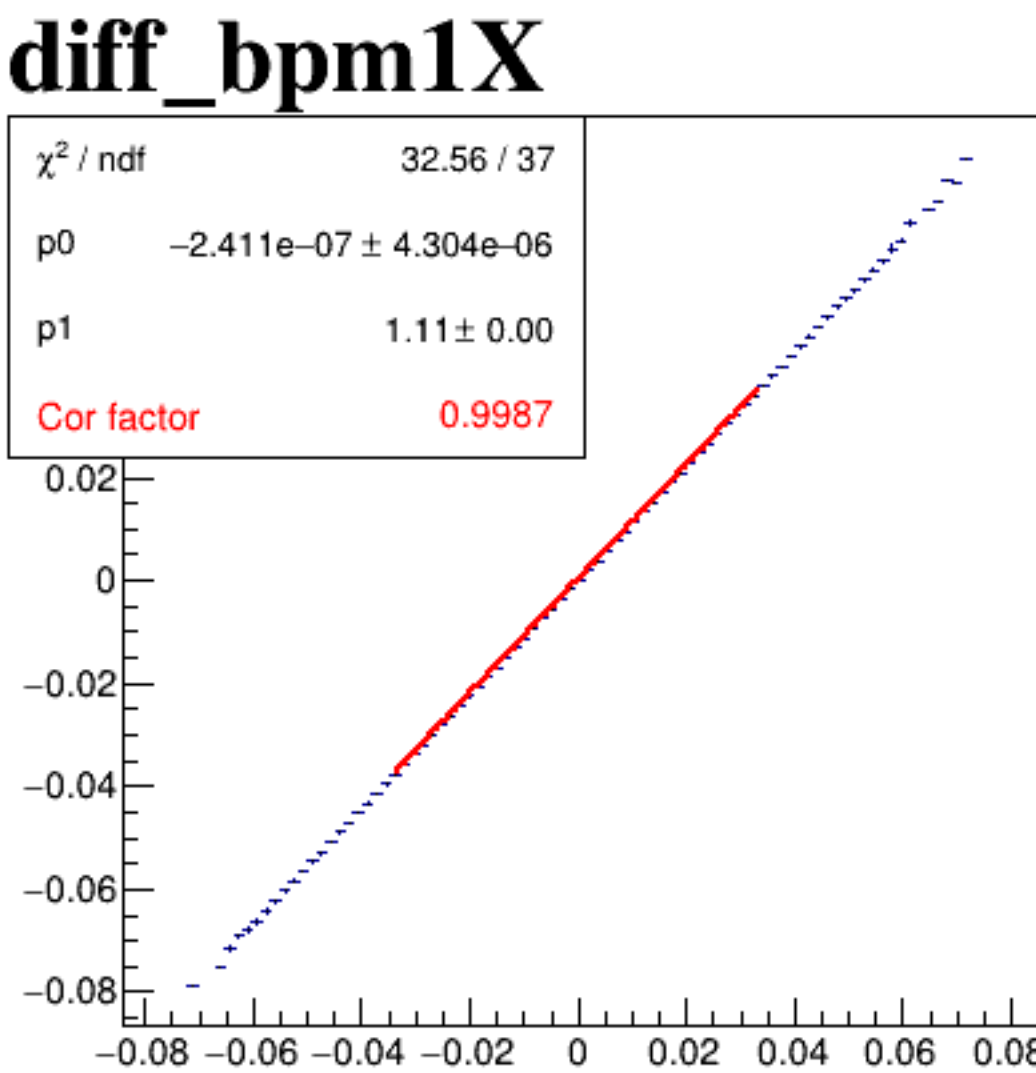
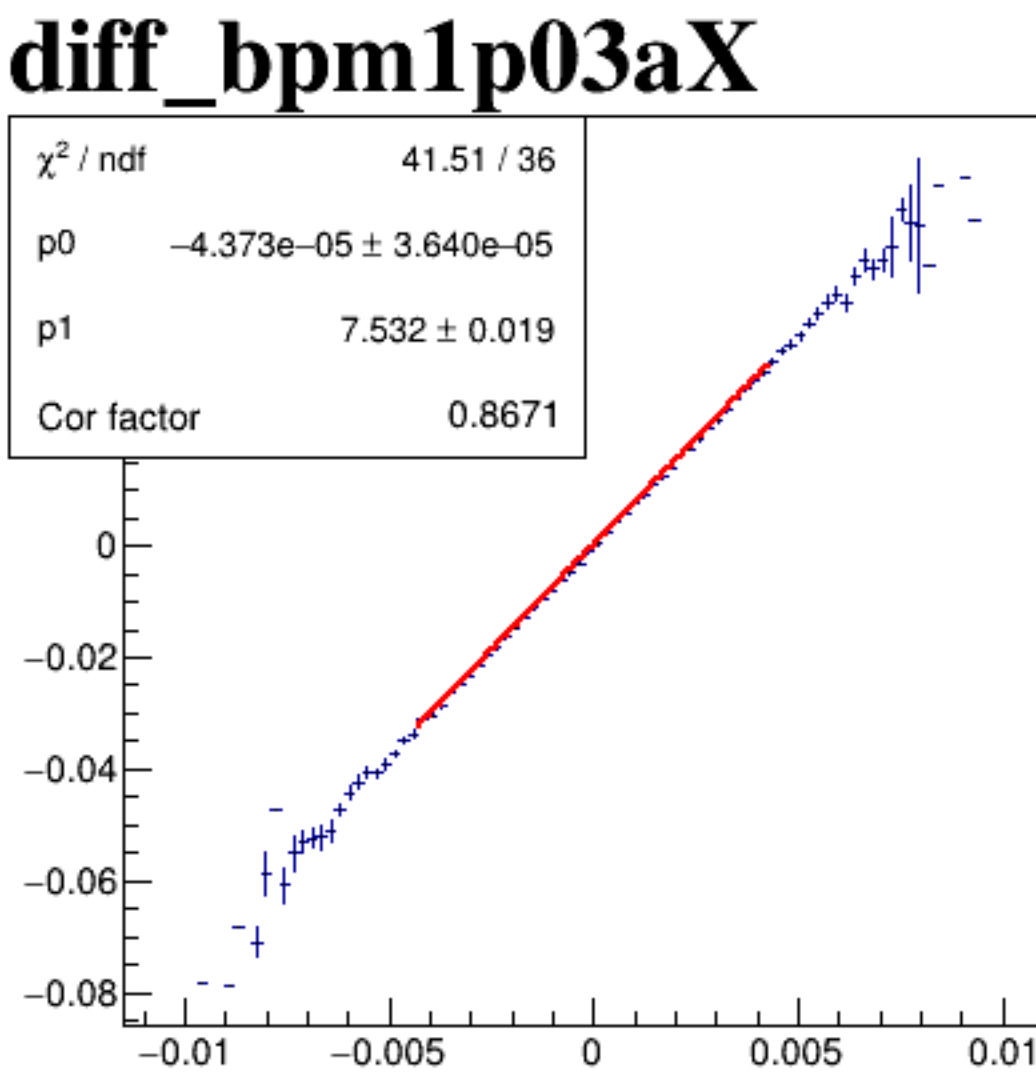
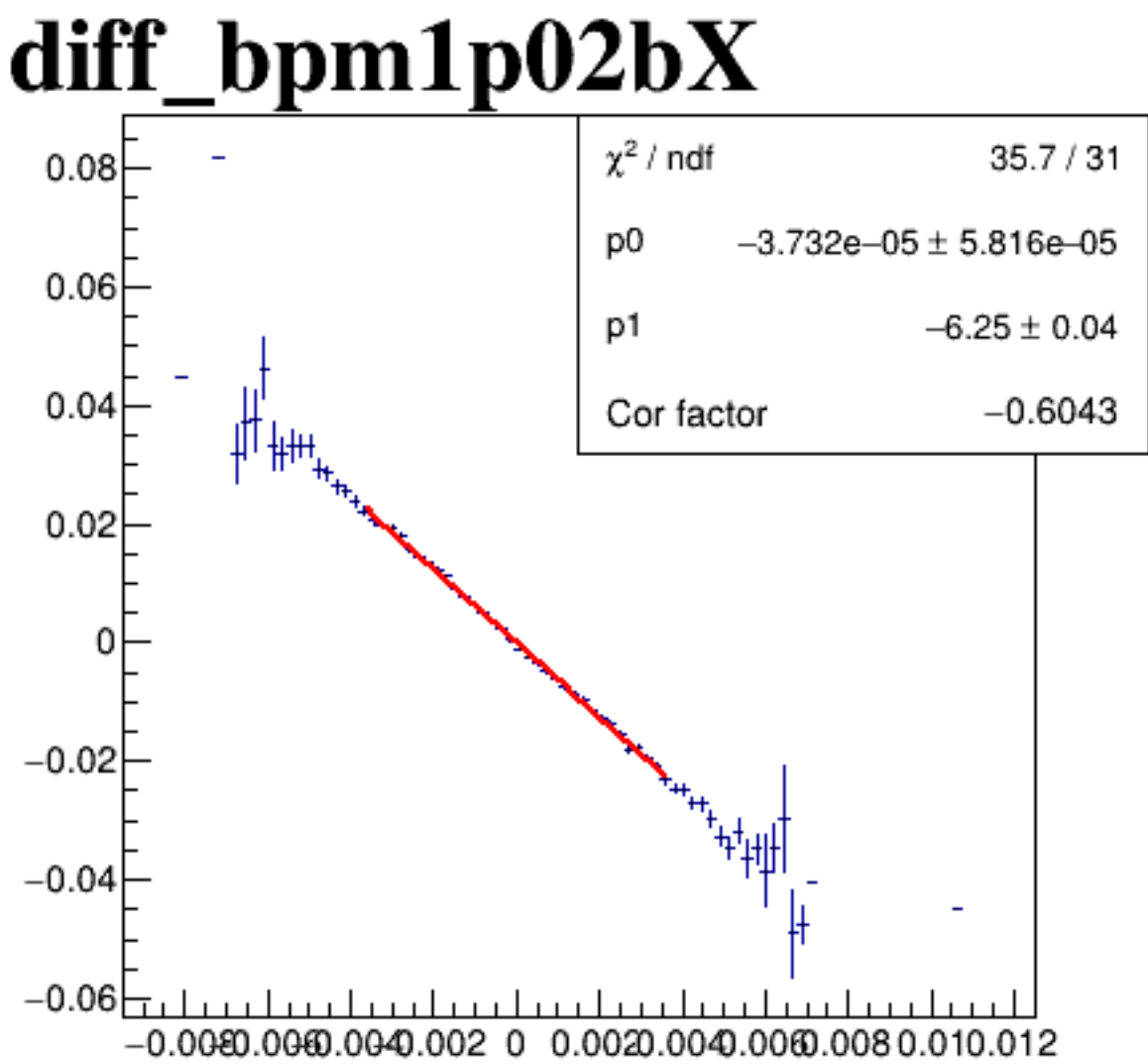
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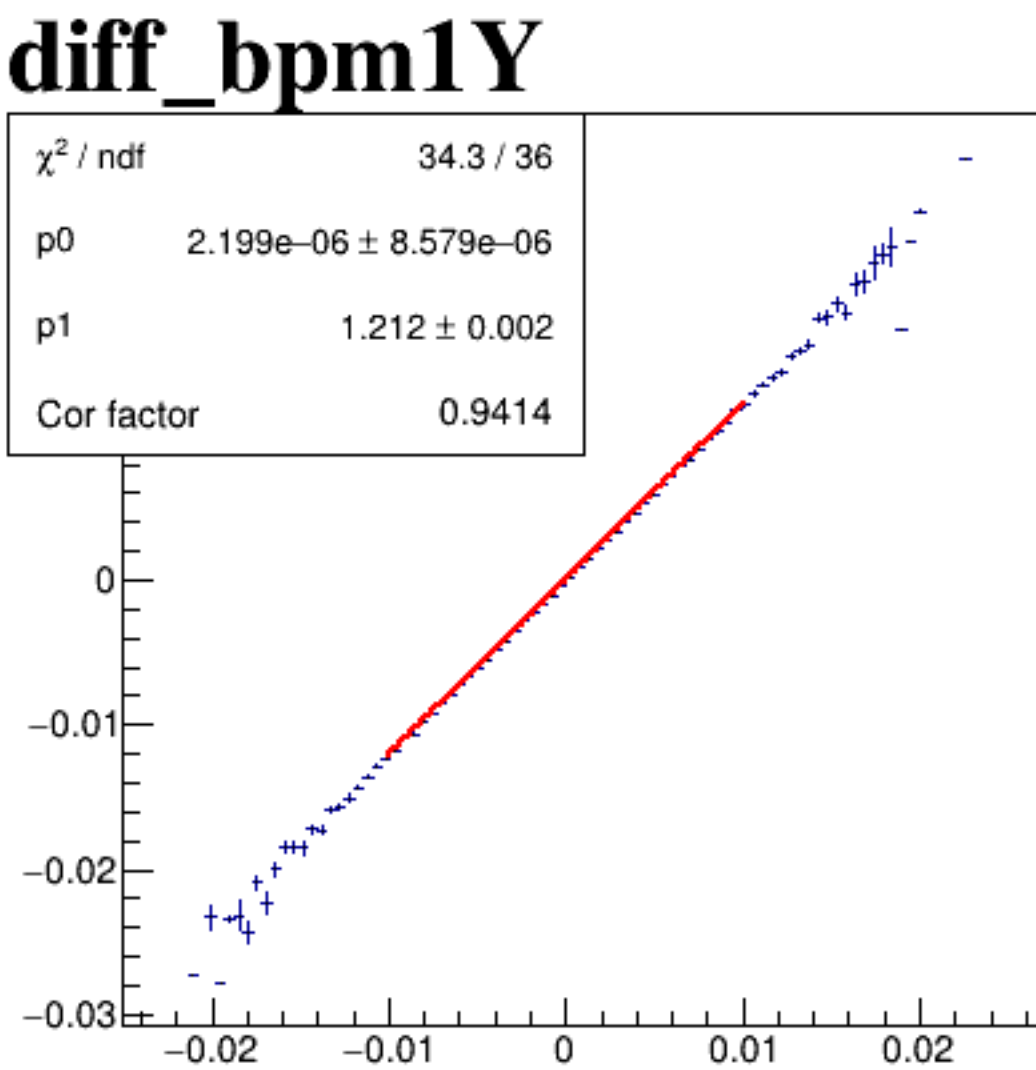
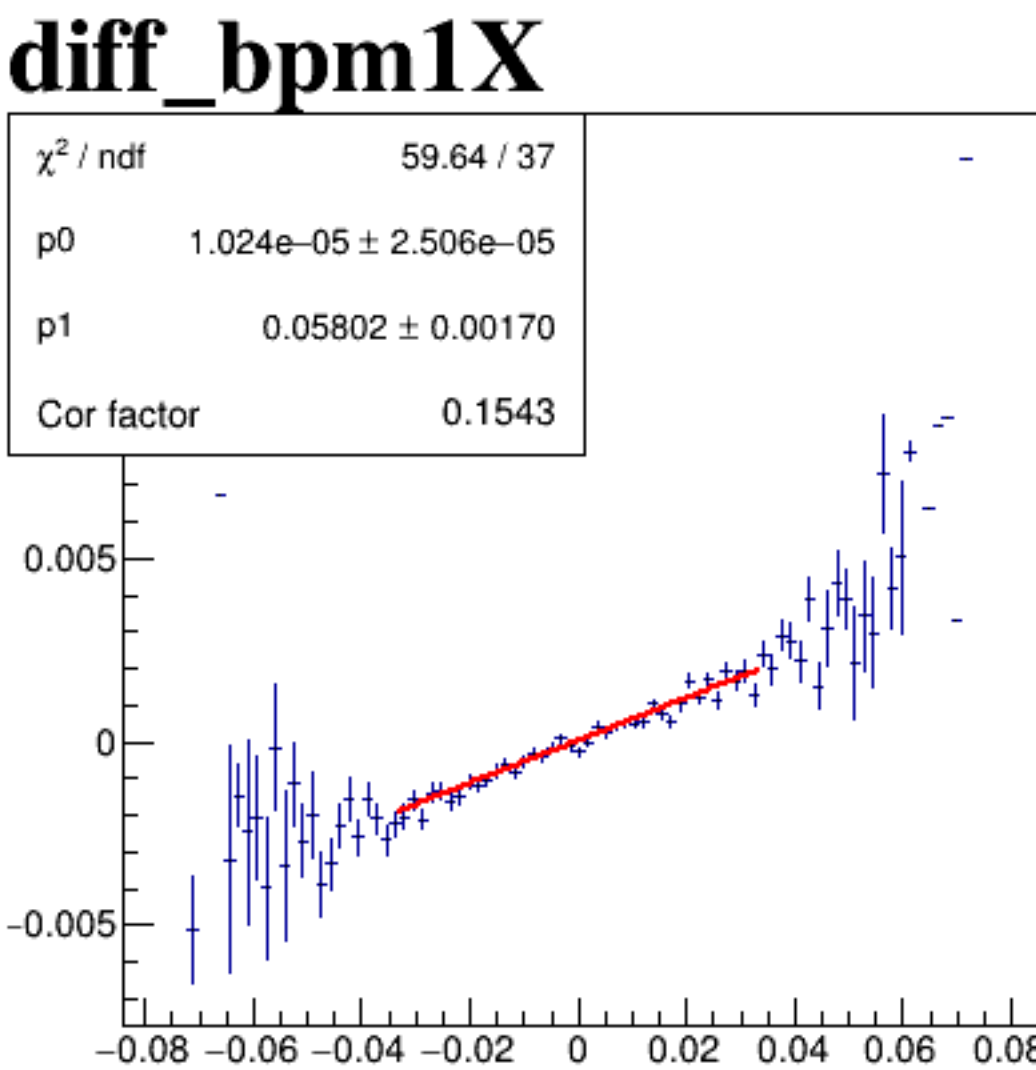
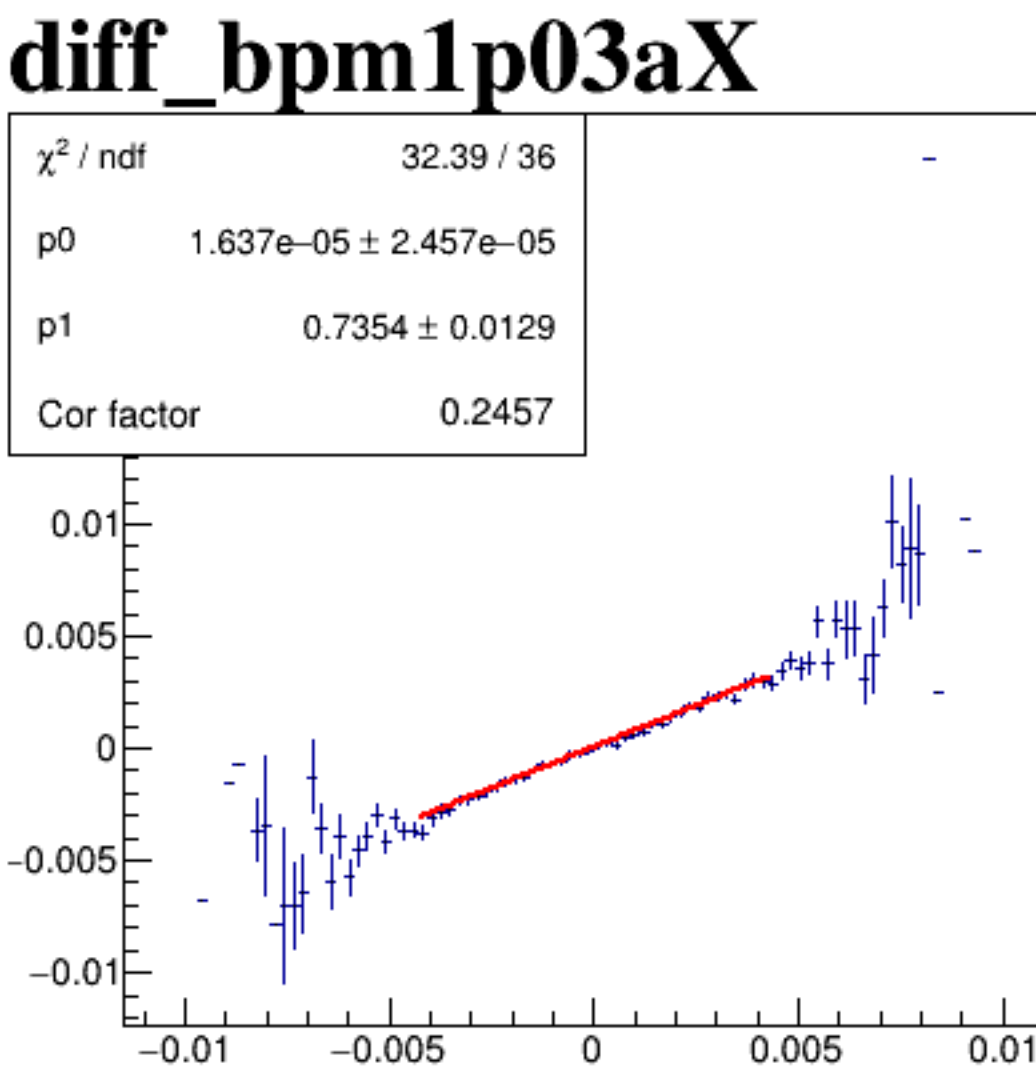
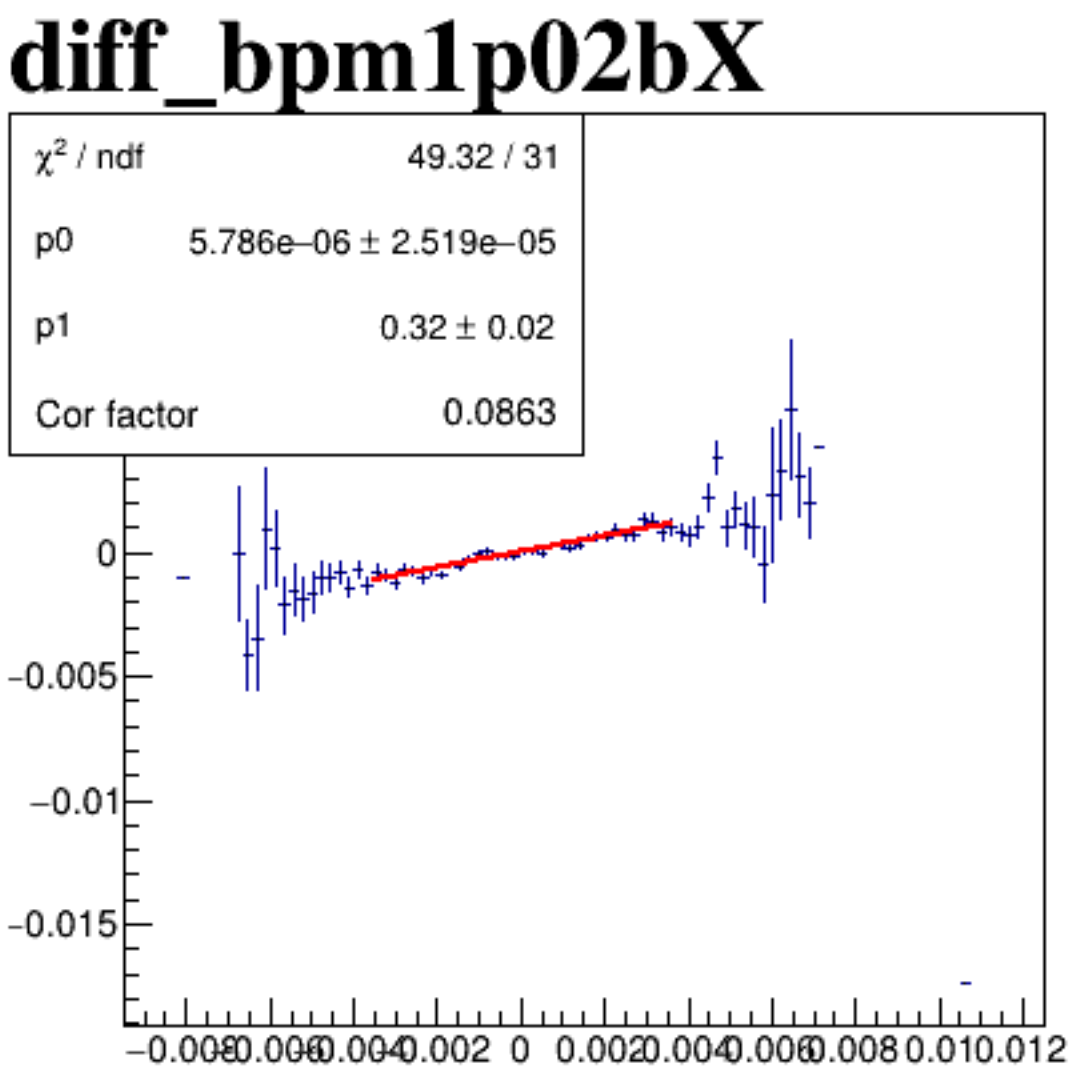
diff_bpm12X



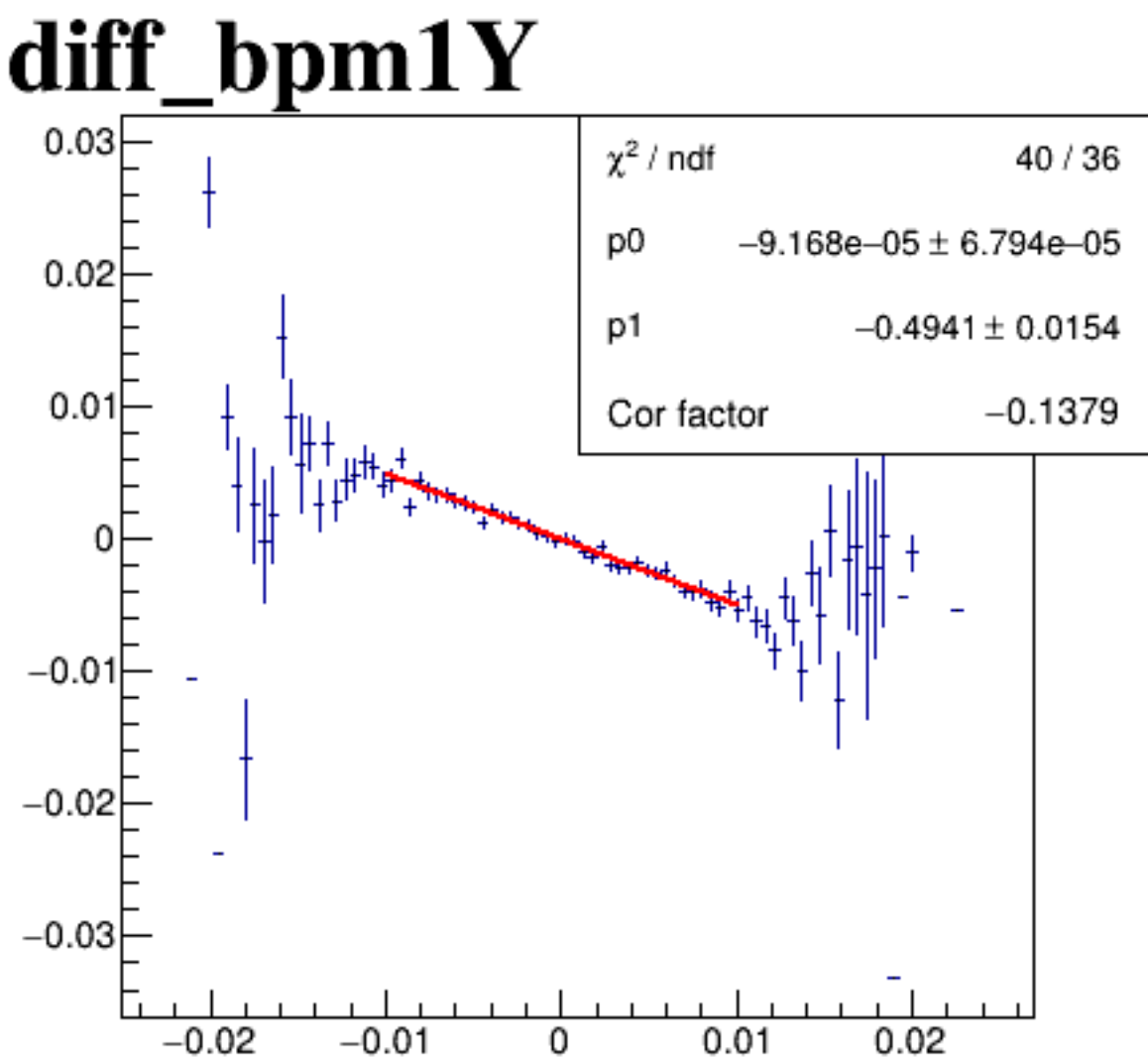
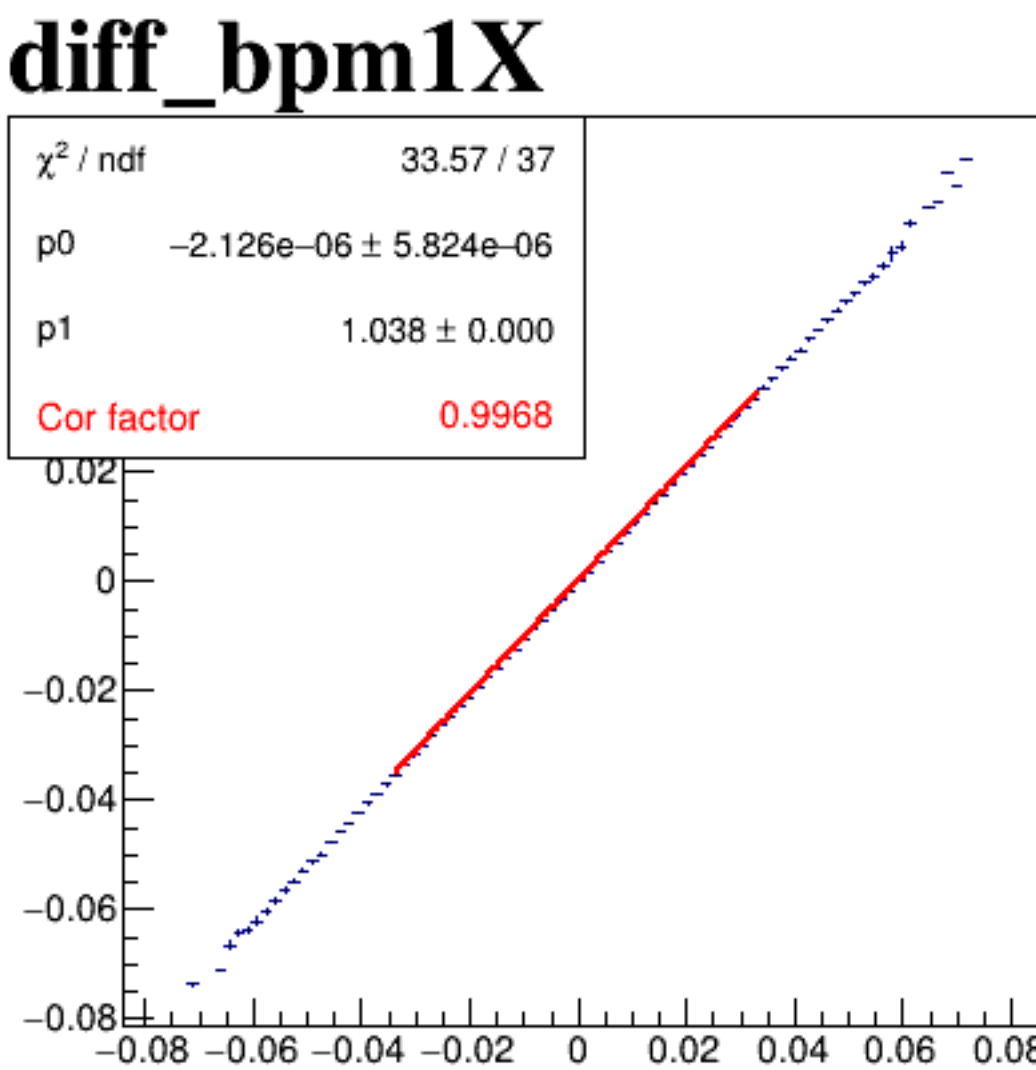
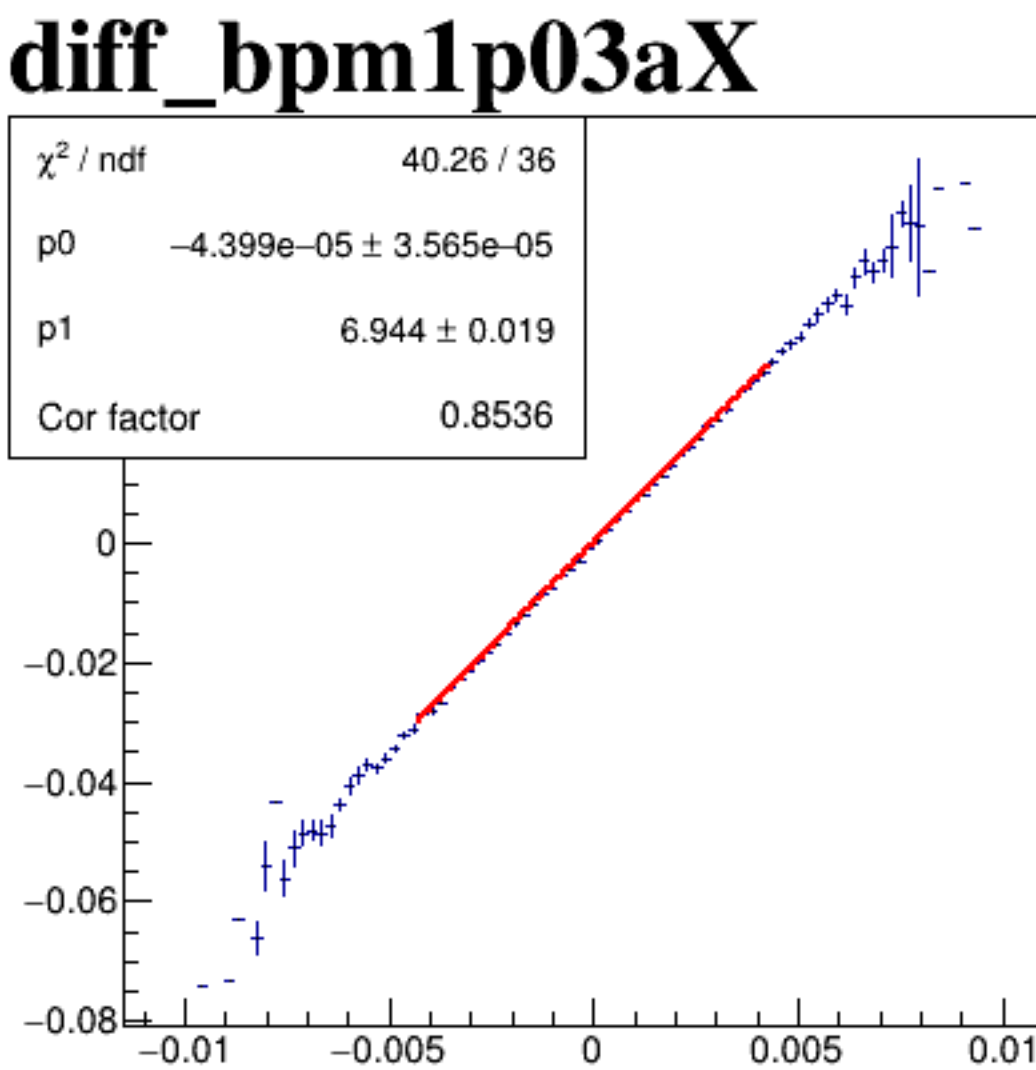
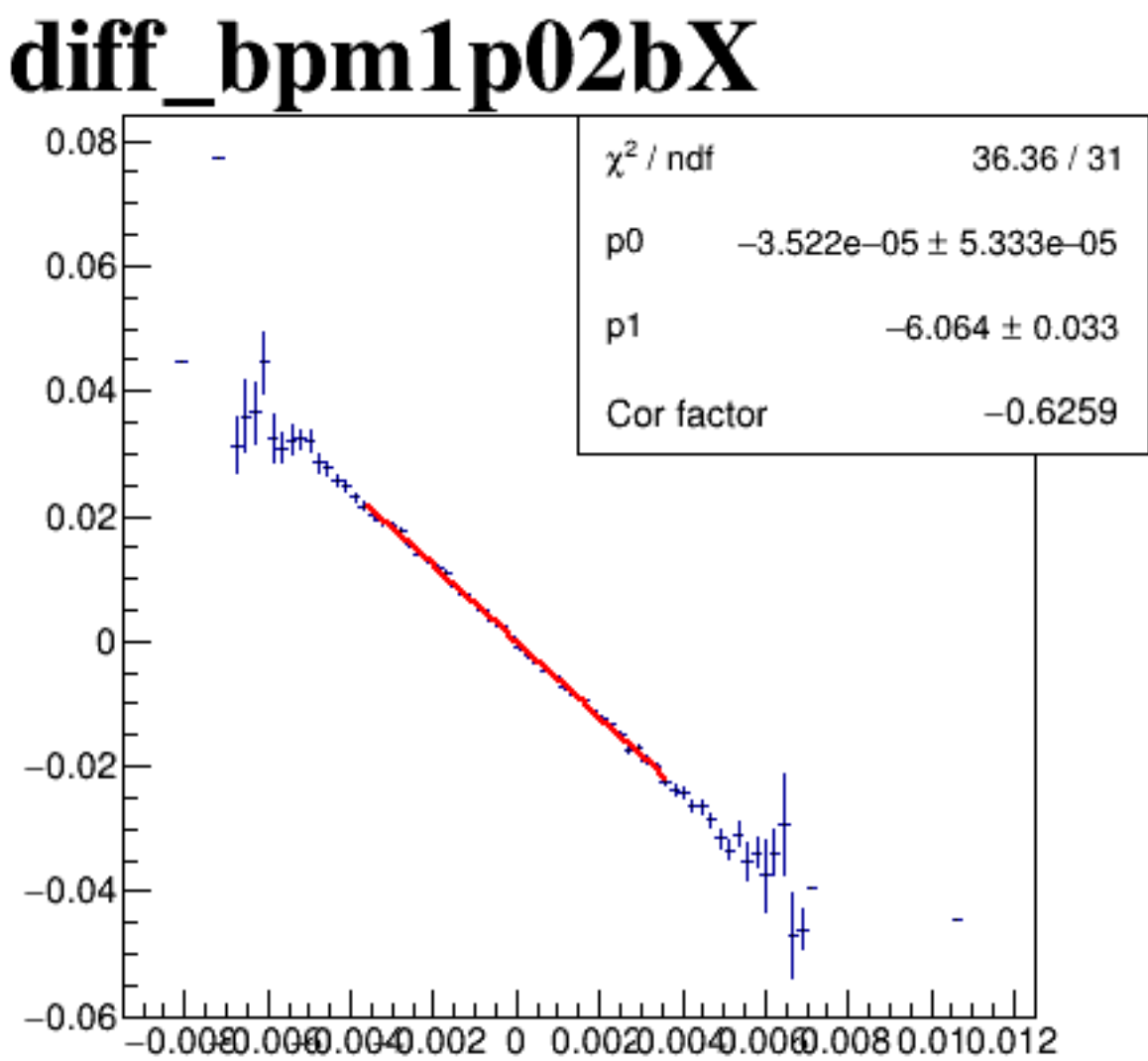
diff_bpm4aX



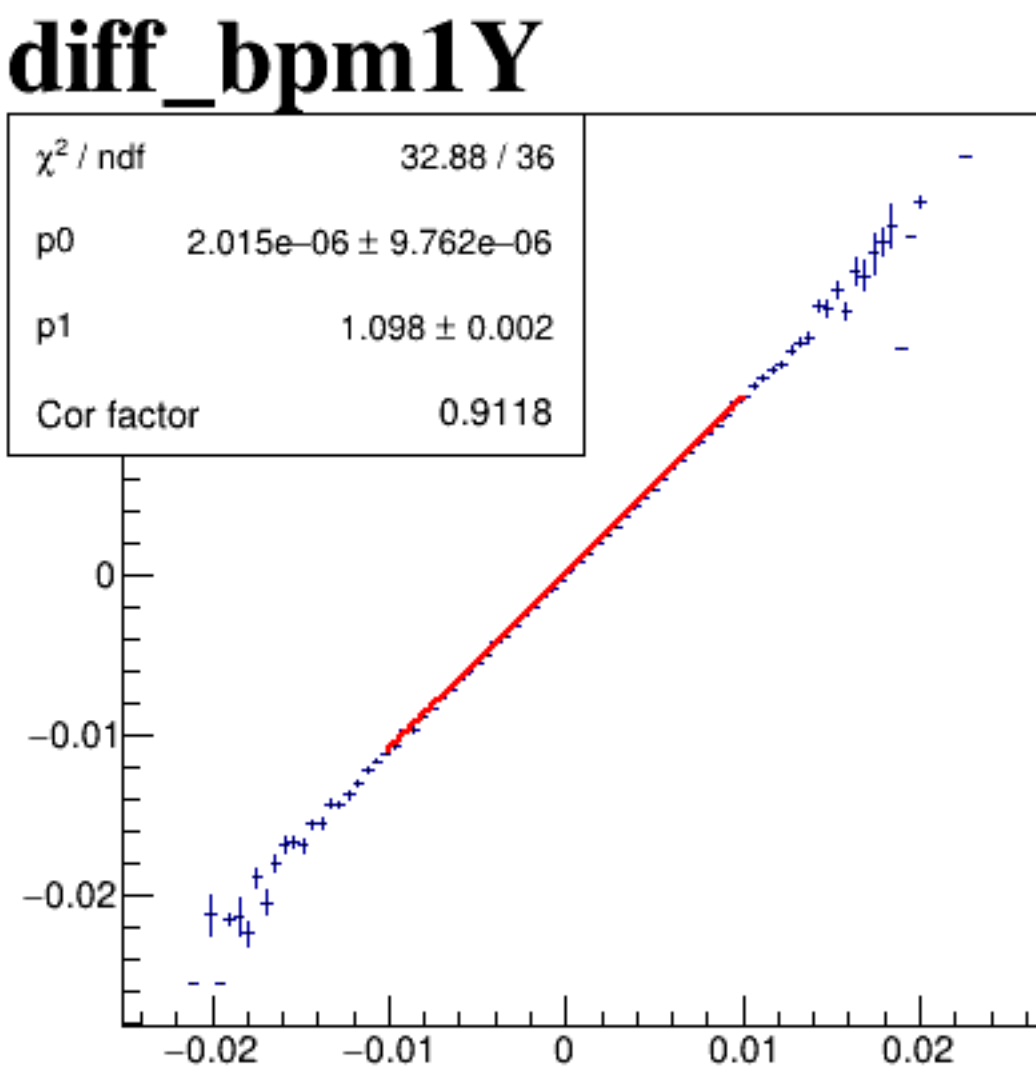
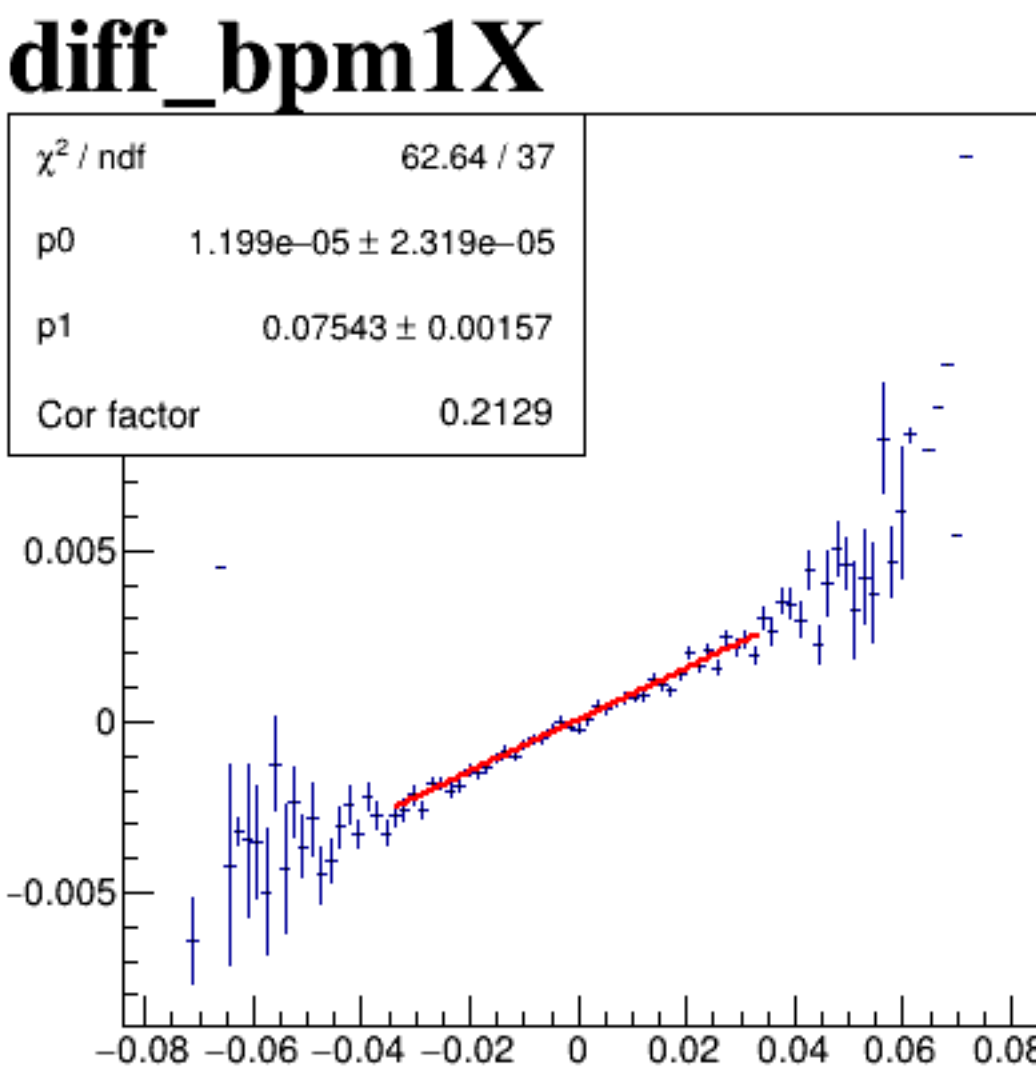
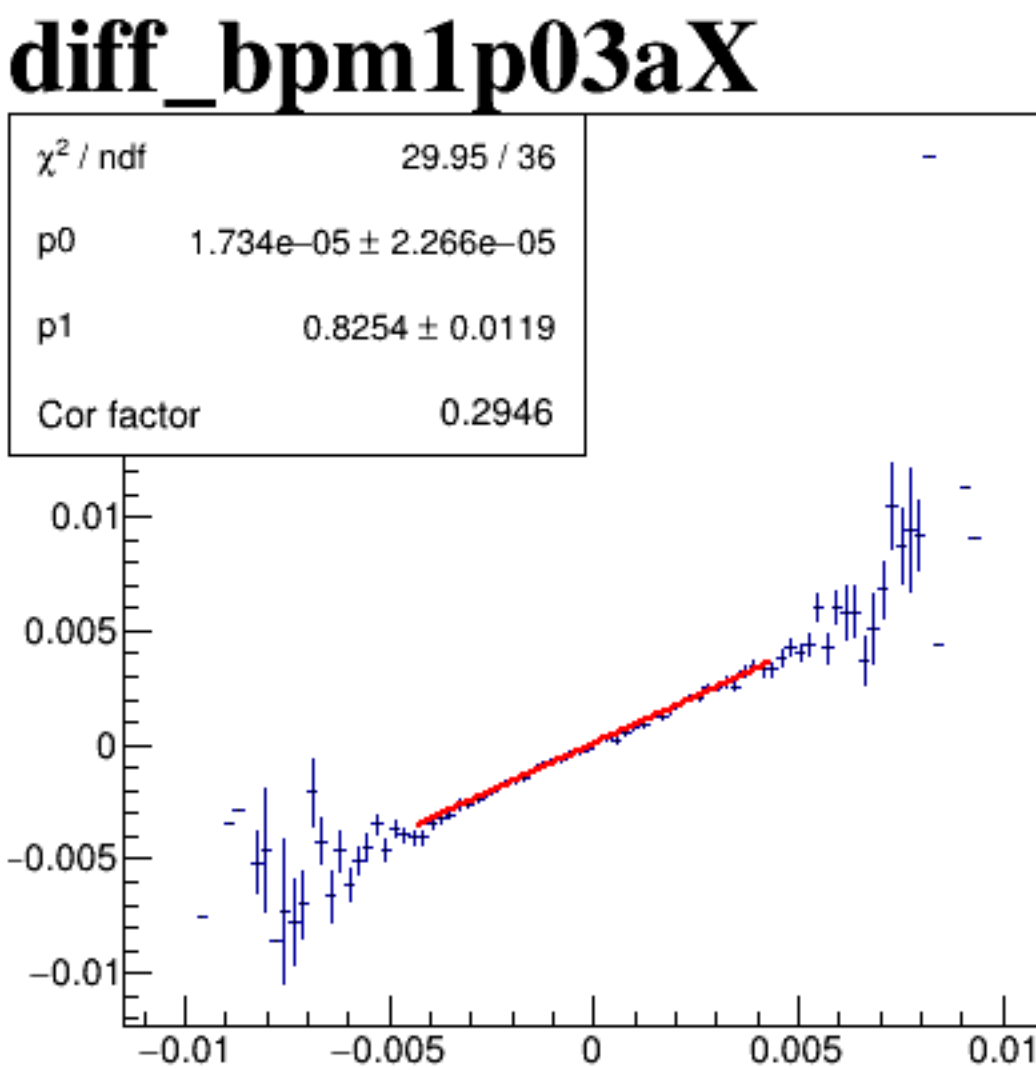
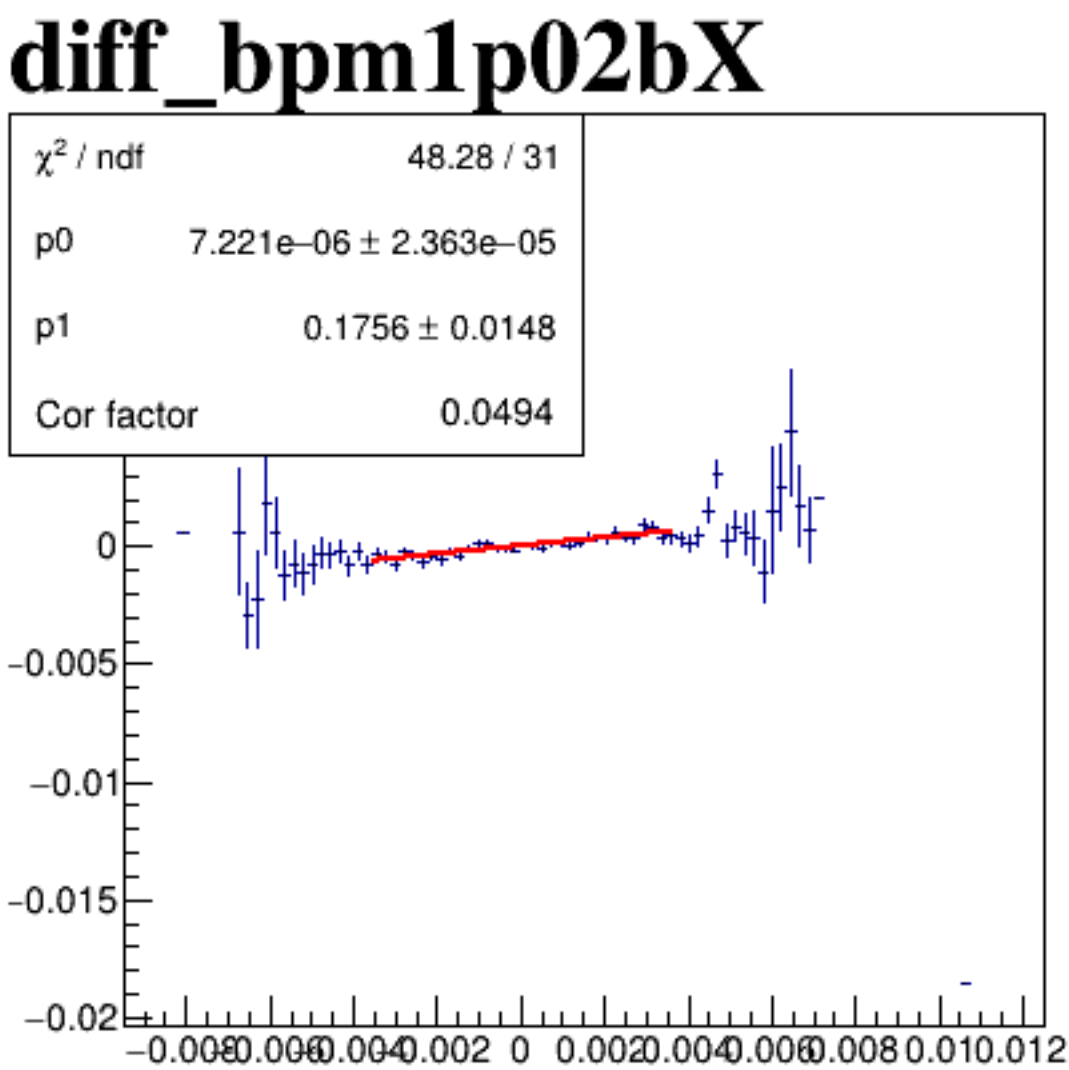
diff_bpm4aY



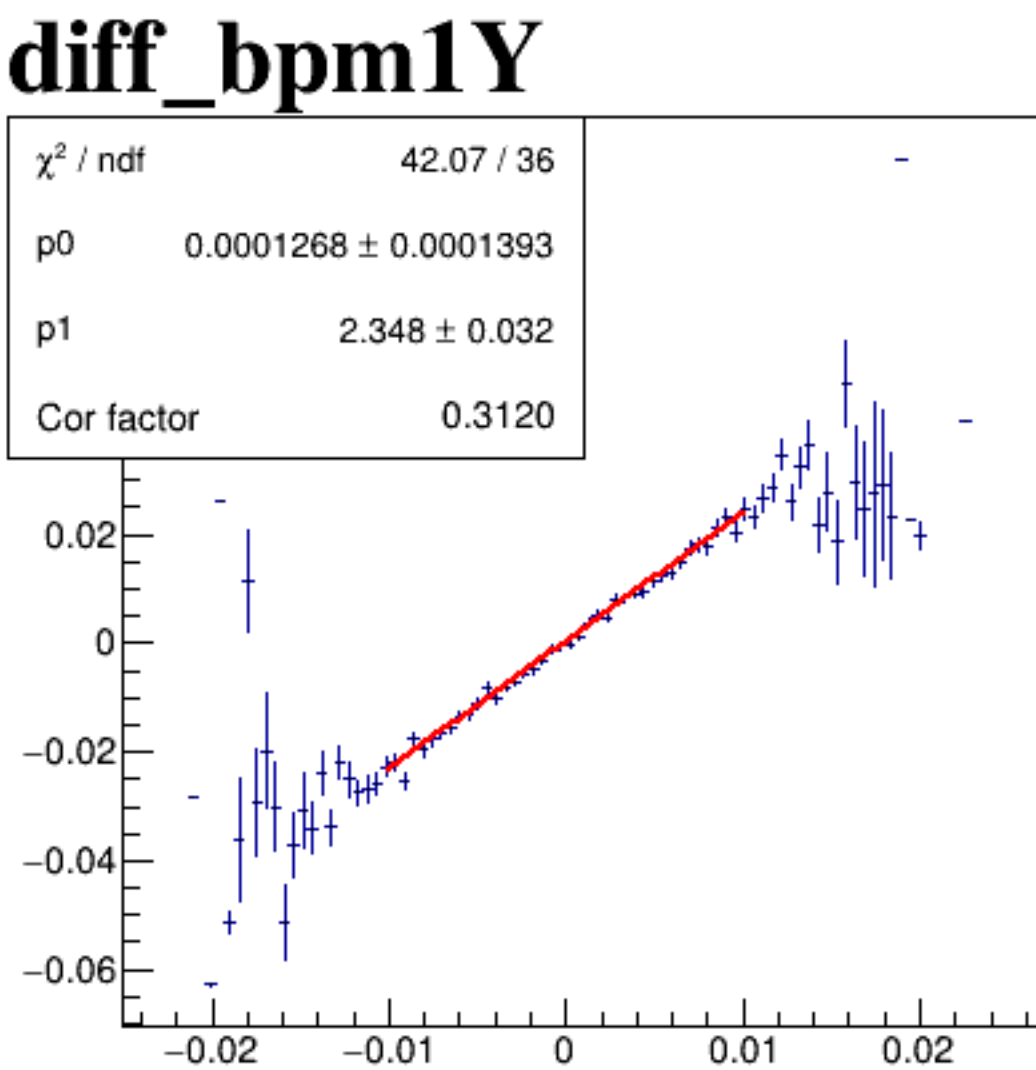
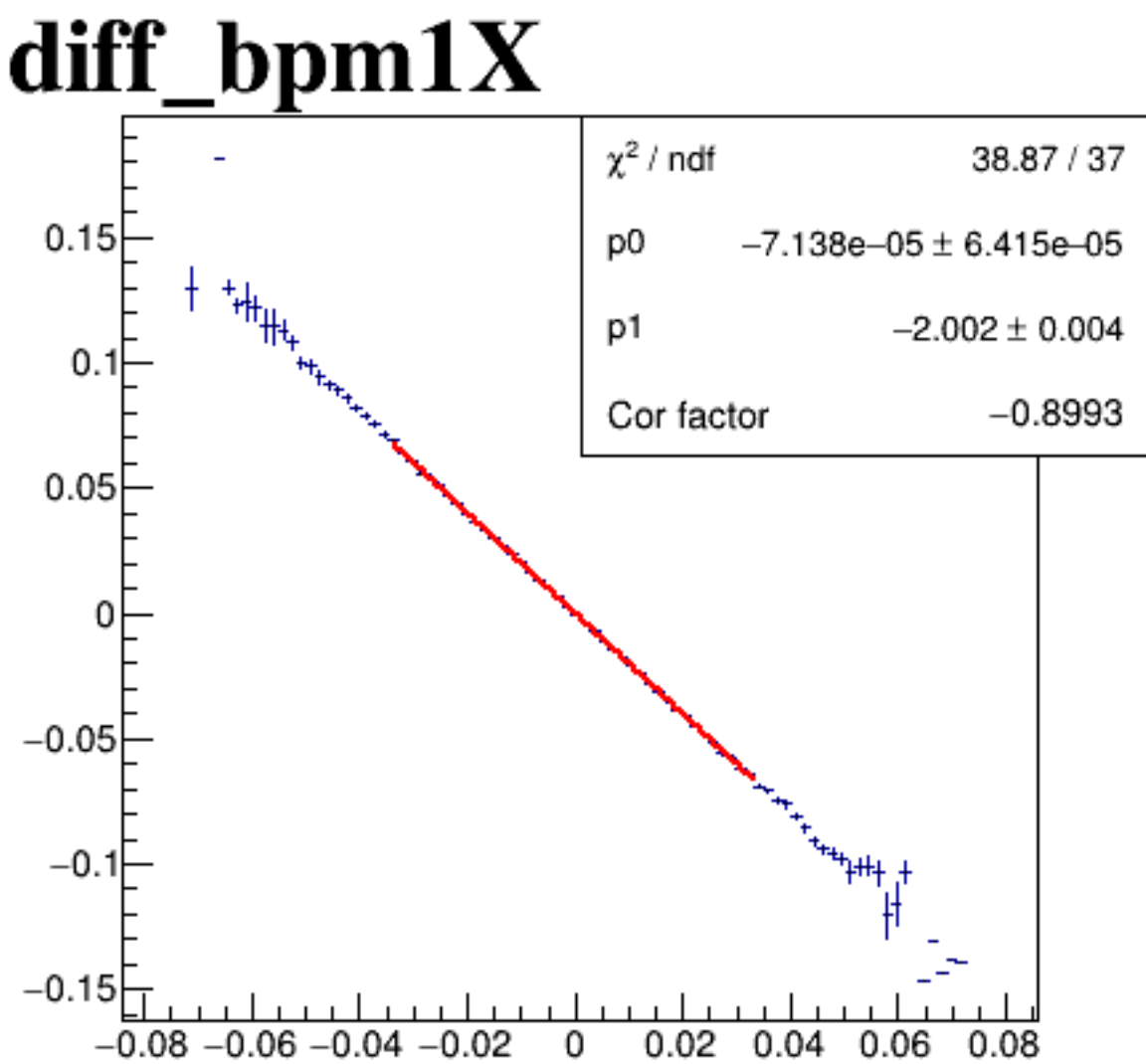
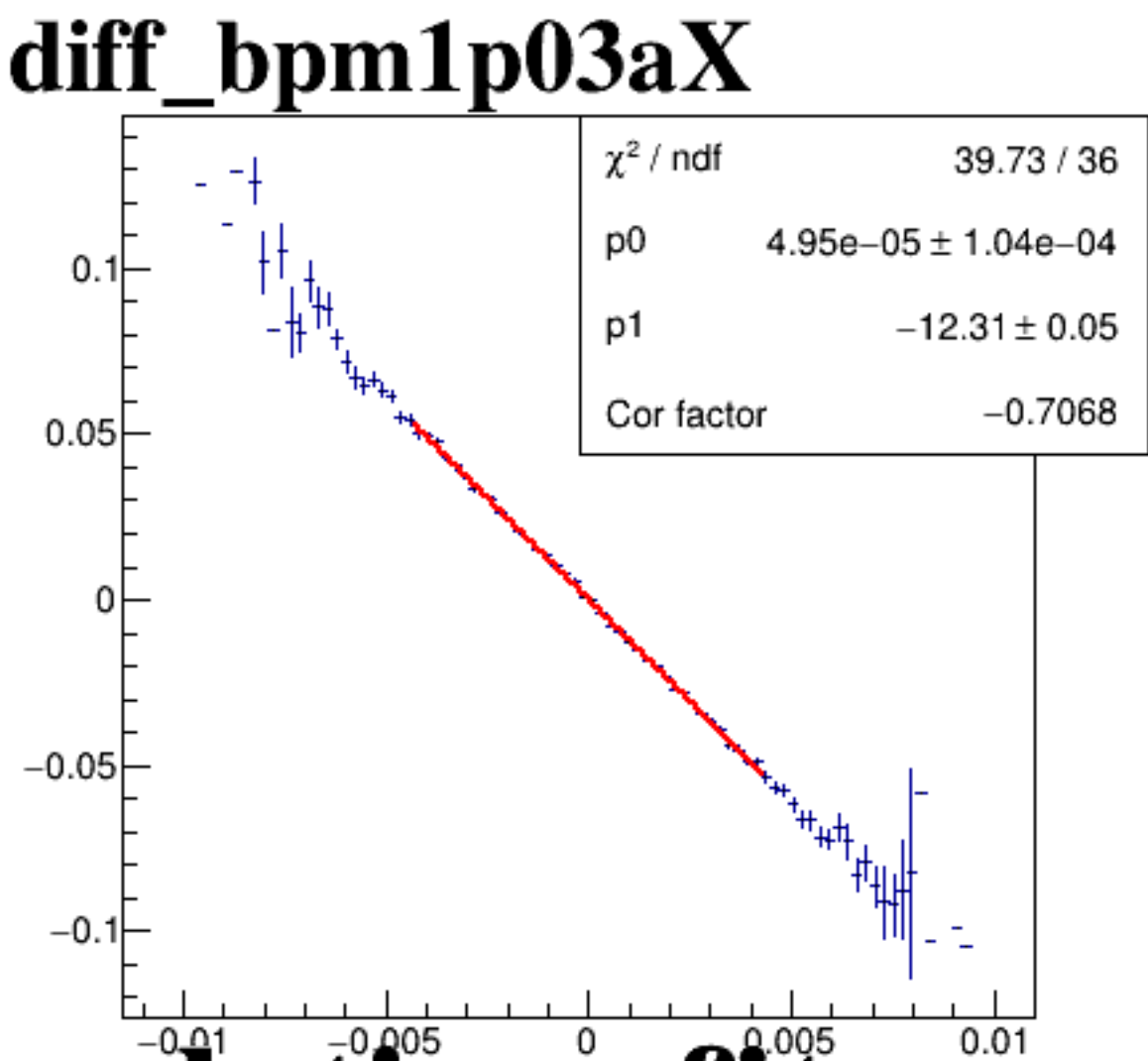
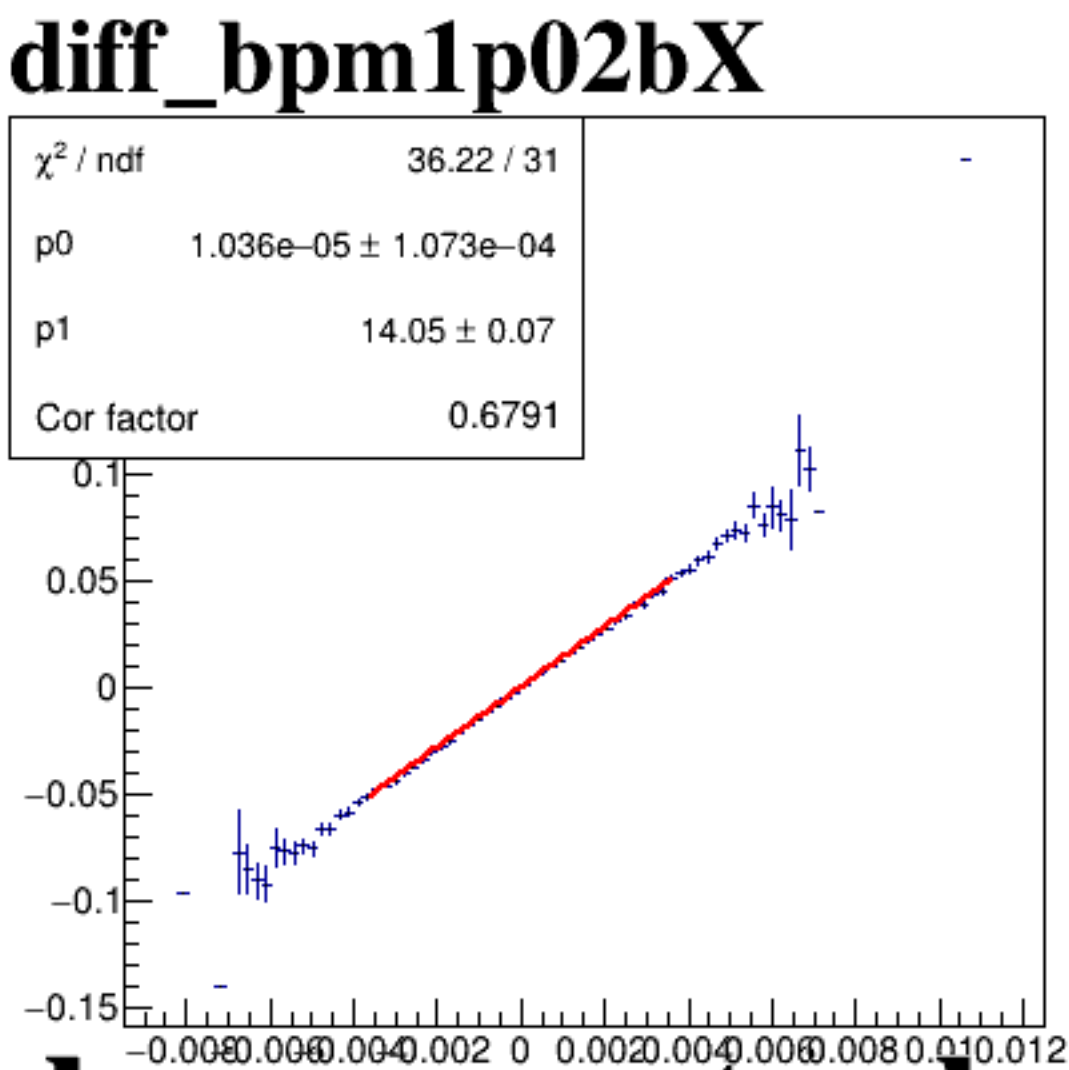
diff_bpm4eX



diff_bpm4eY



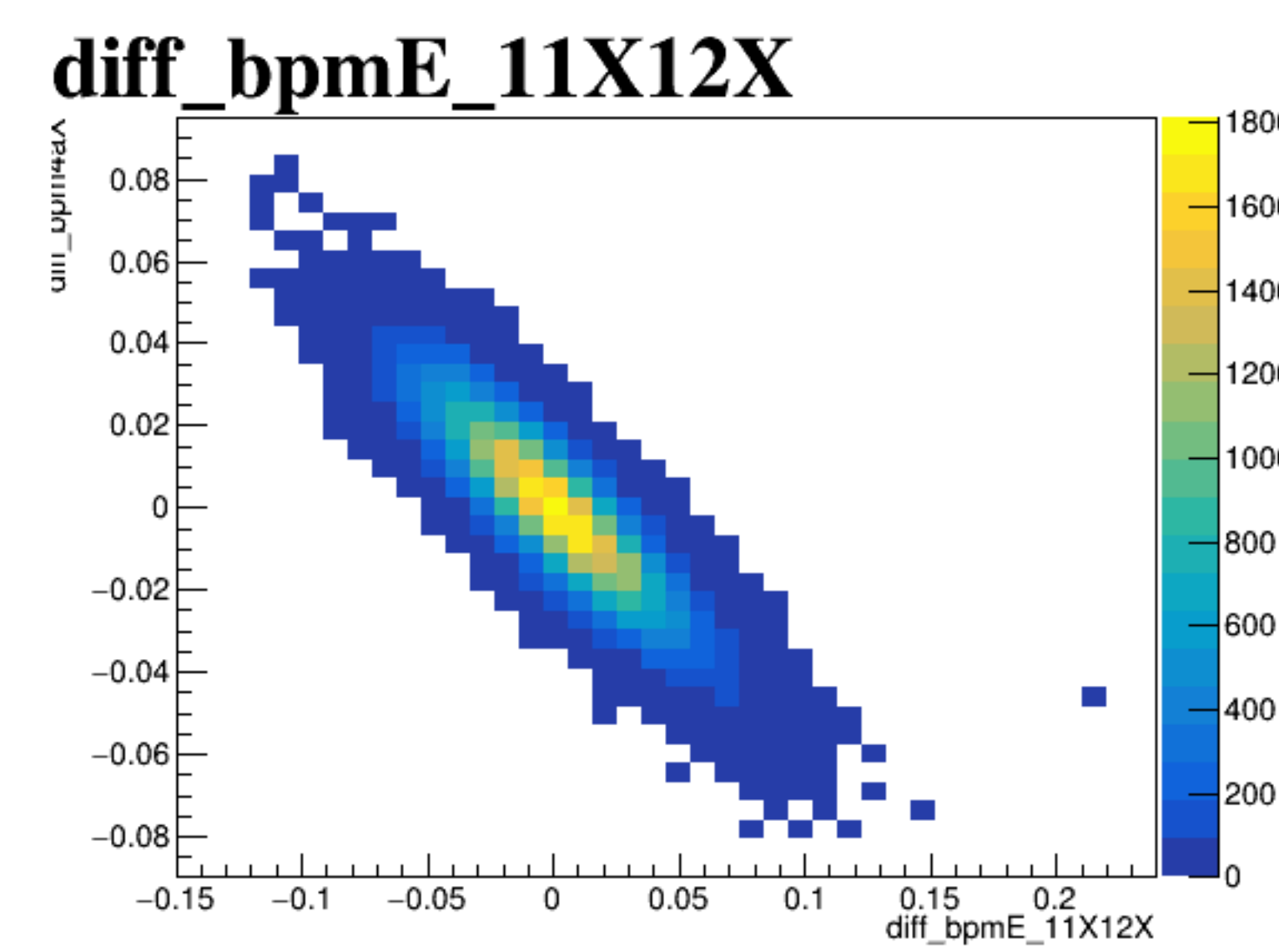
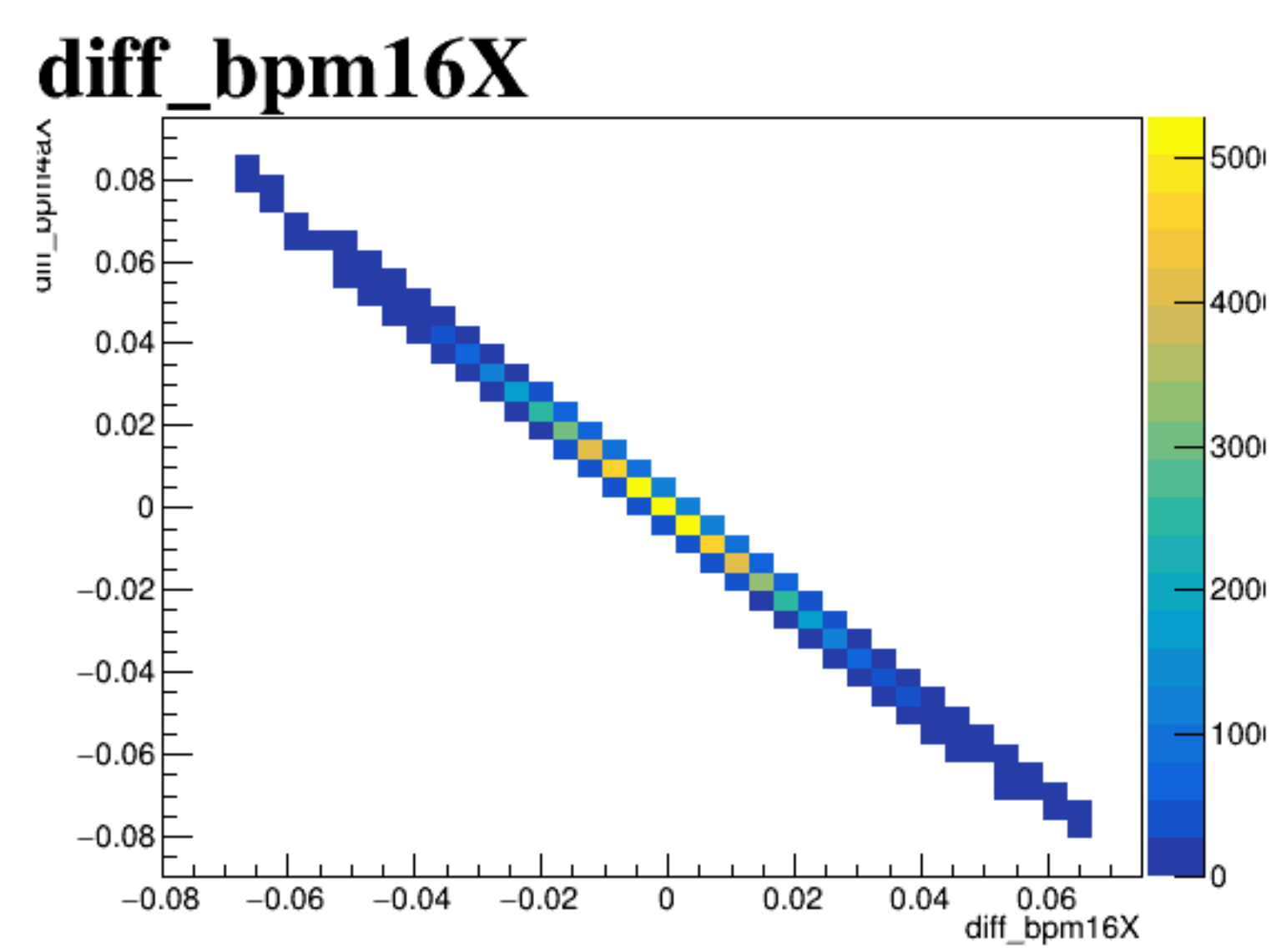
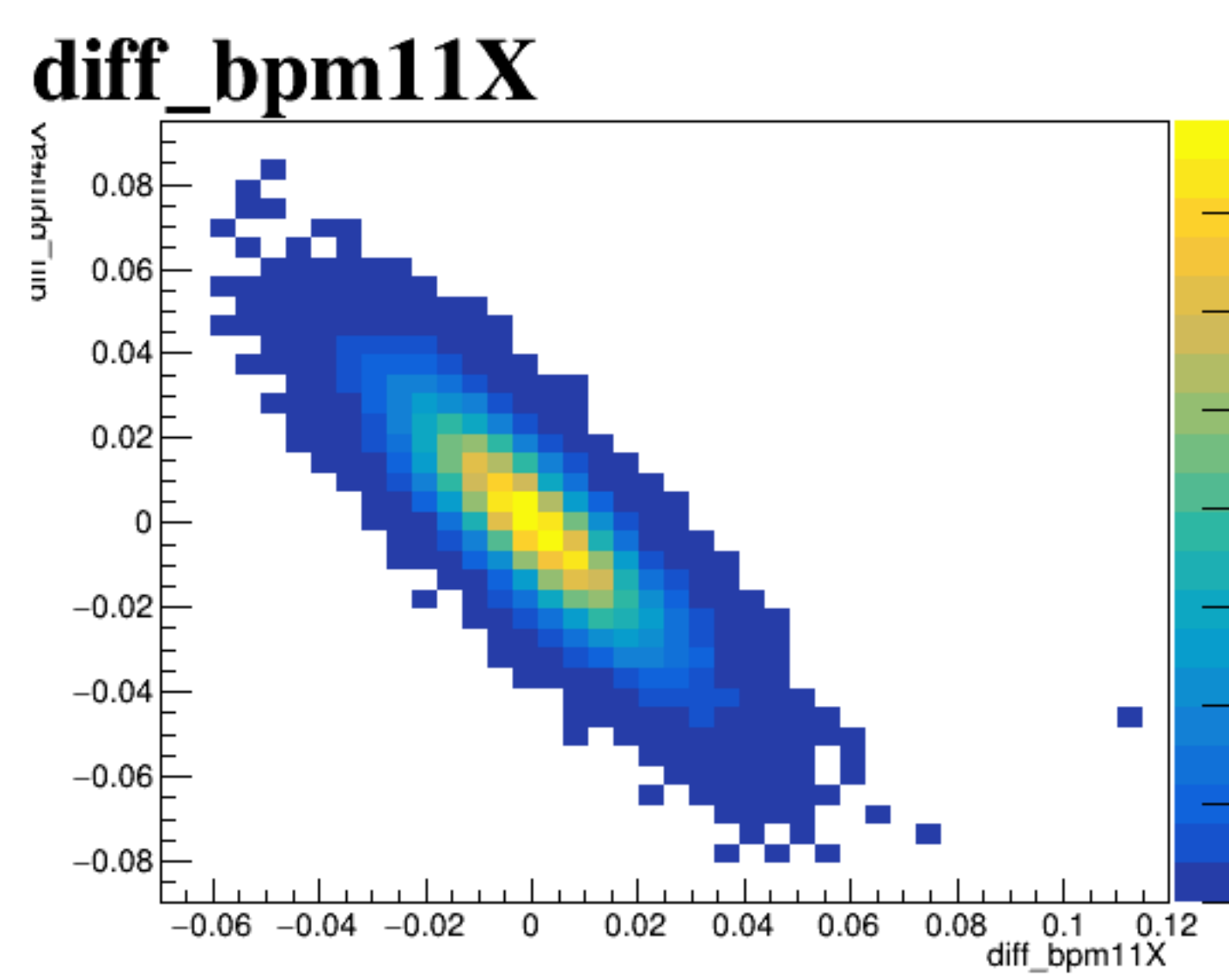
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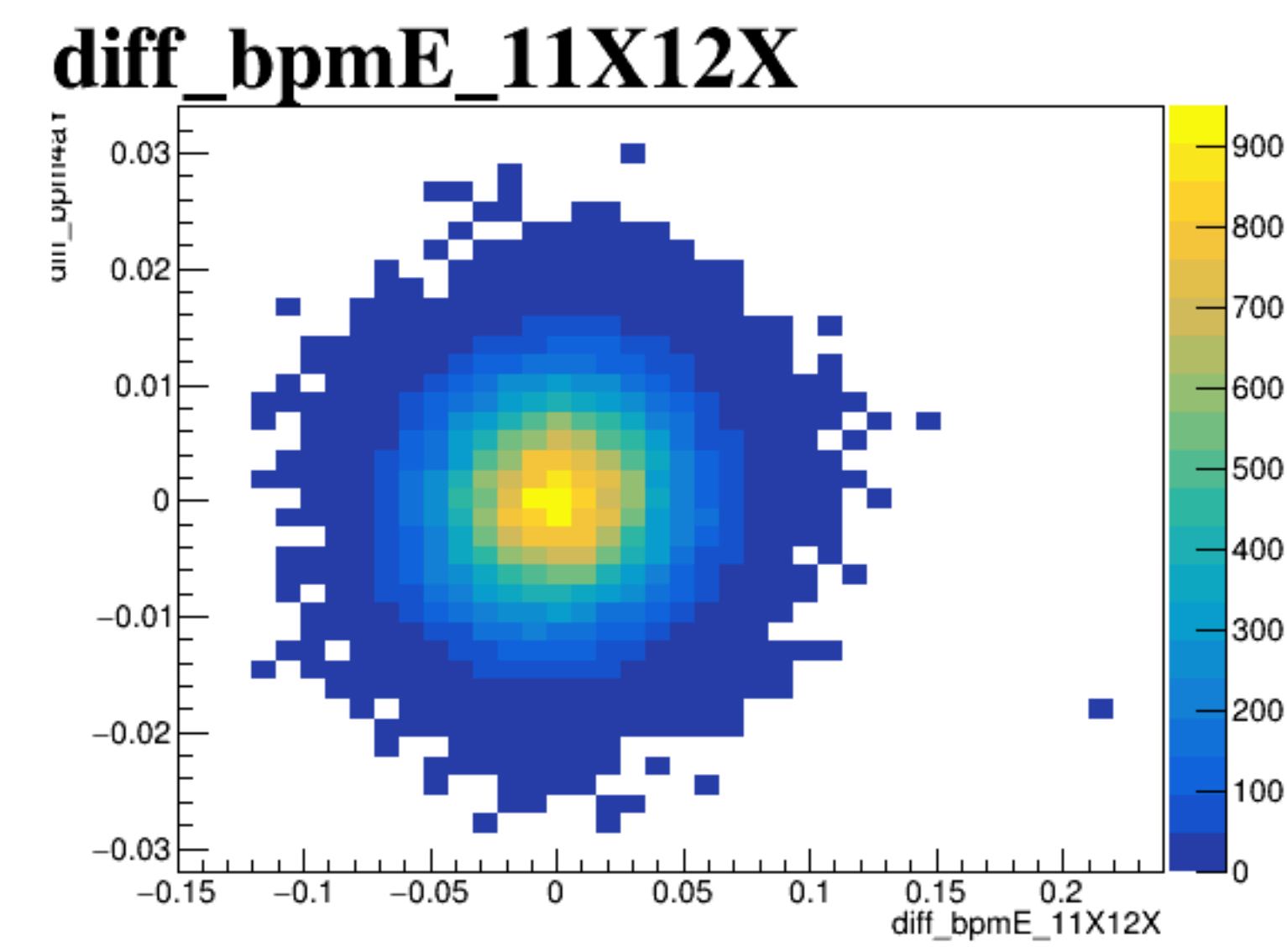
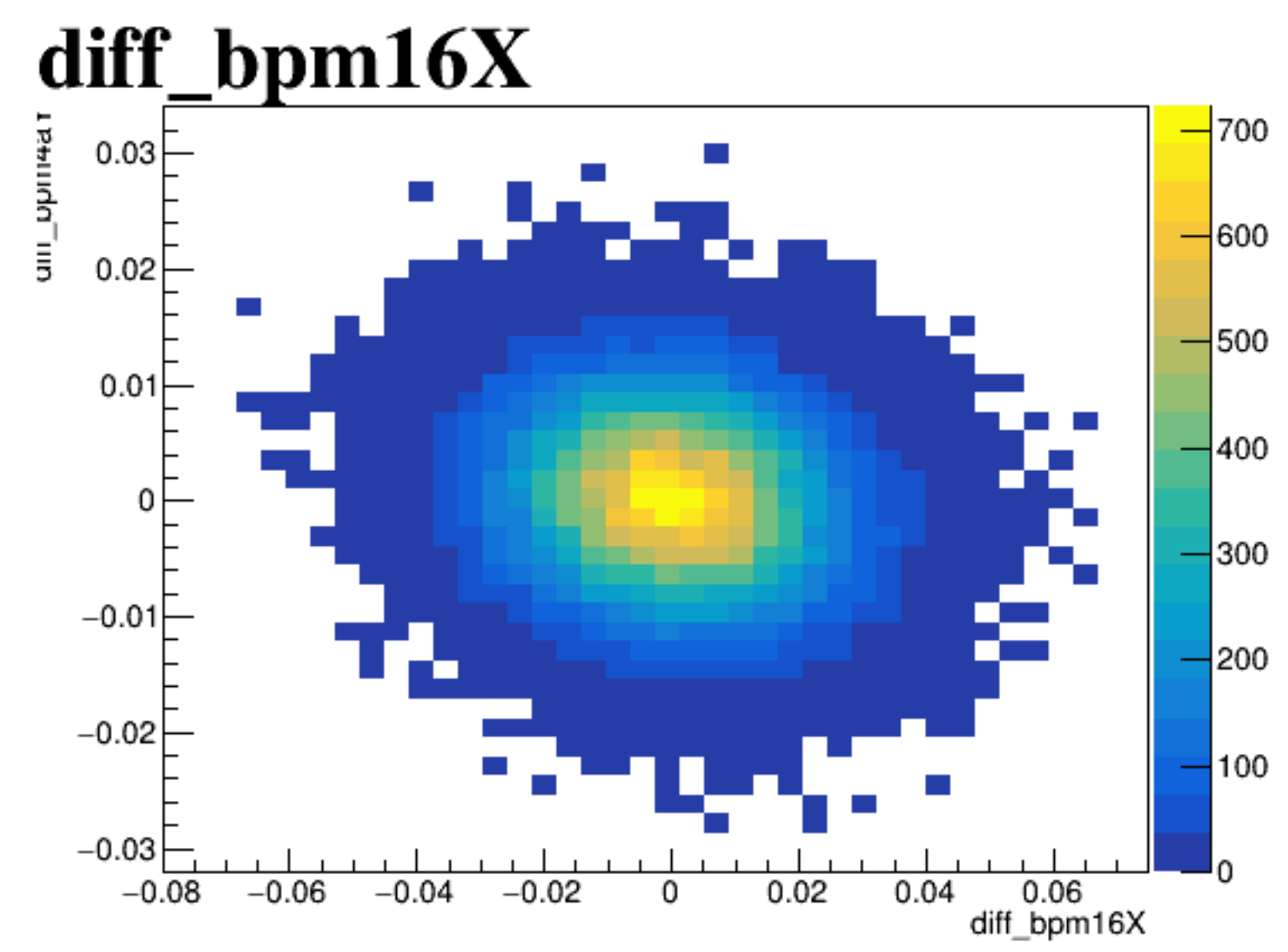
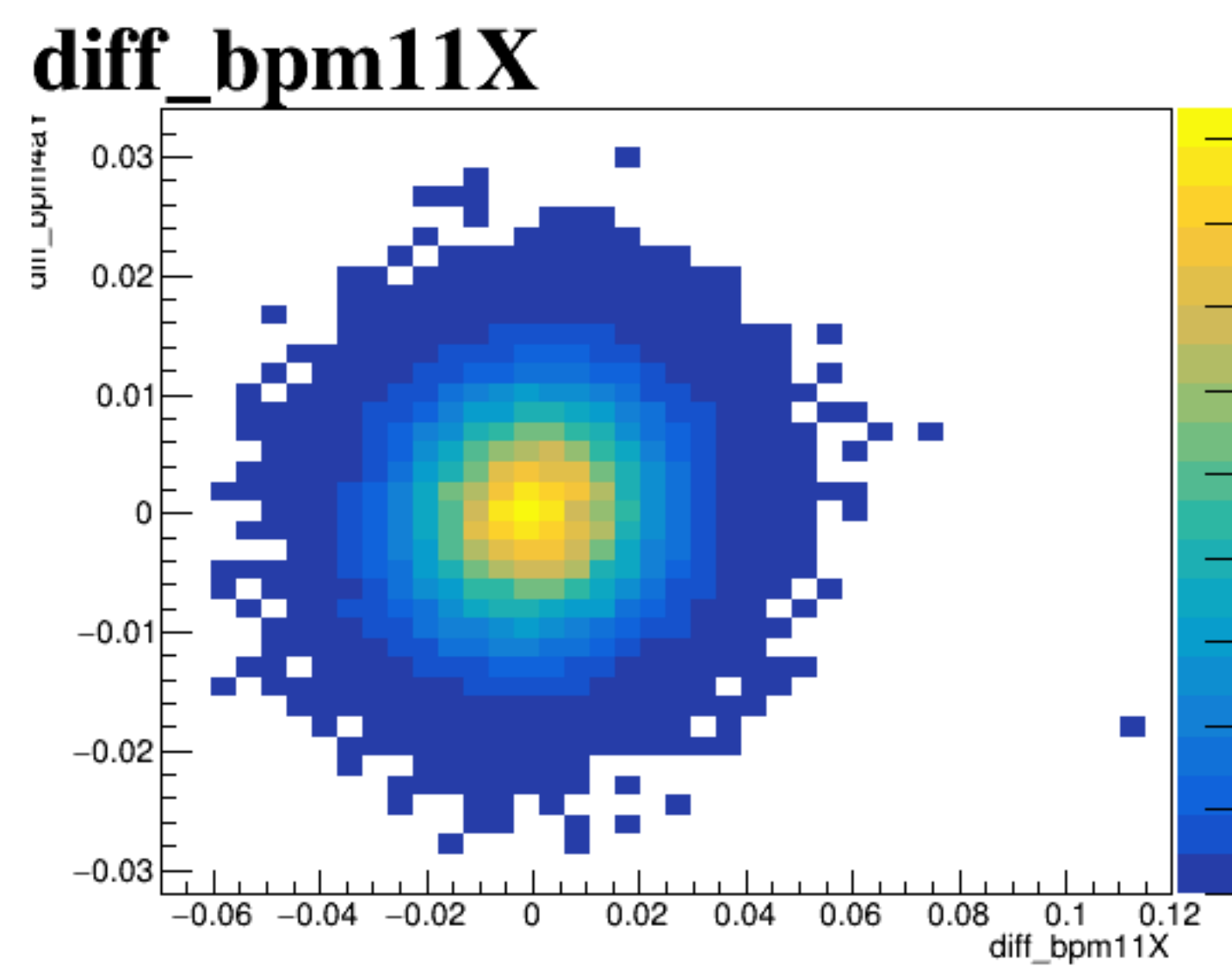
A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.025. The y-axis ranges from -0.08 to 0.08. The plot shows a large number of points, with a high density in the center and a more sparse distribution towards the edges.

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 -0.02 to 0.025. The y-axis ranges from -0.08 to 0.08. The plot shows a large number of points, with a high density in the center and a more sparse distribution towards the edges.

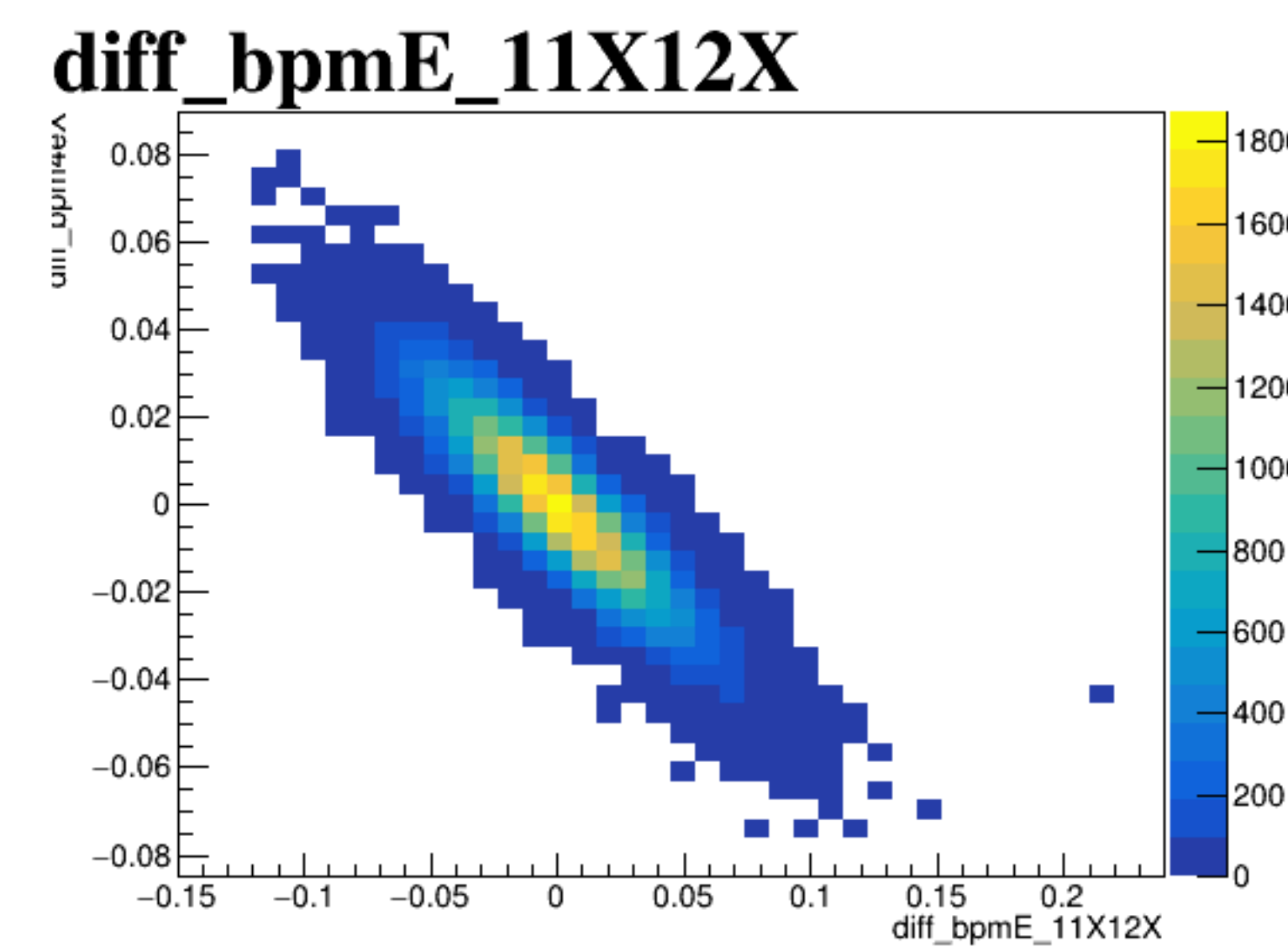
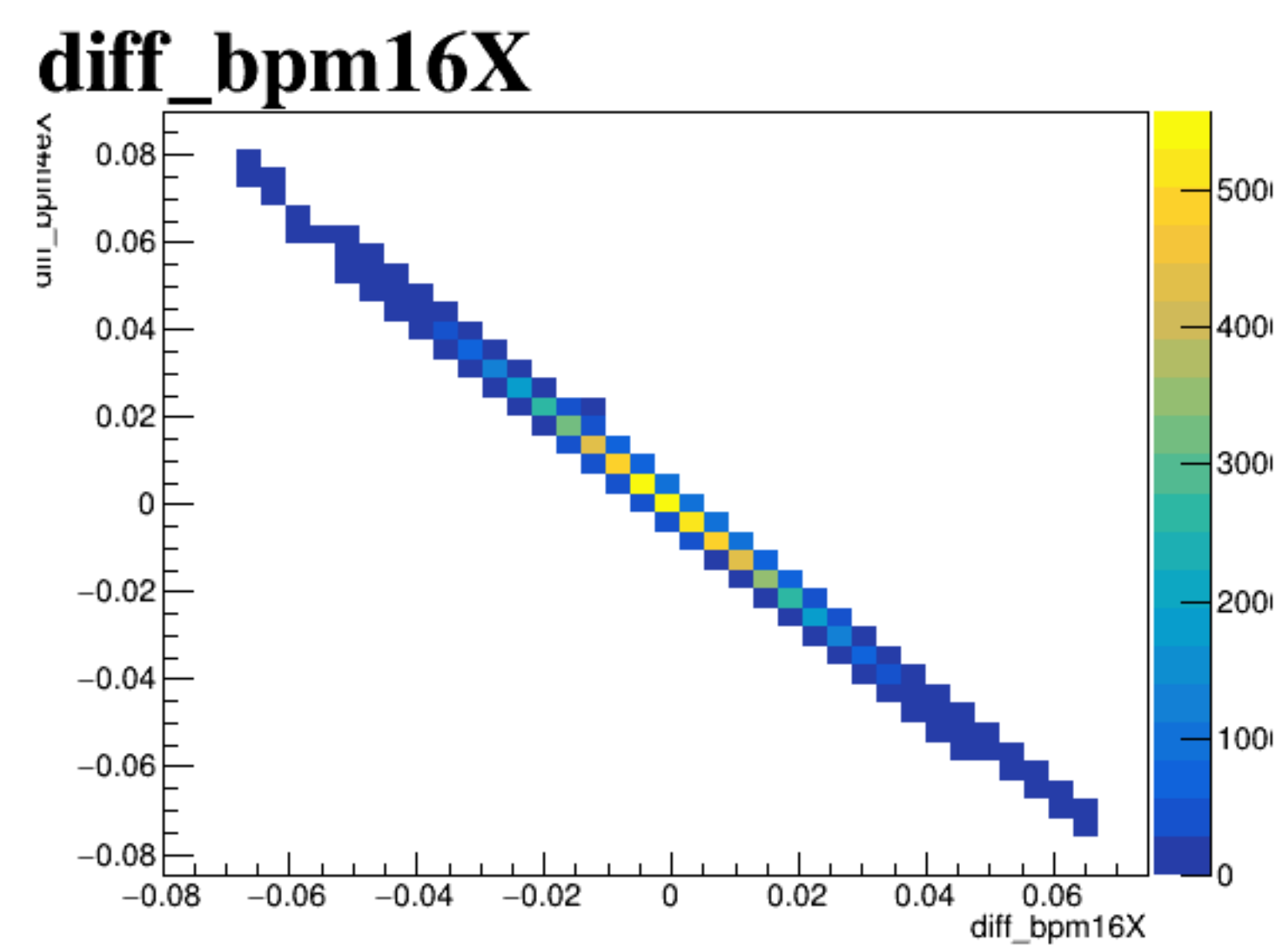
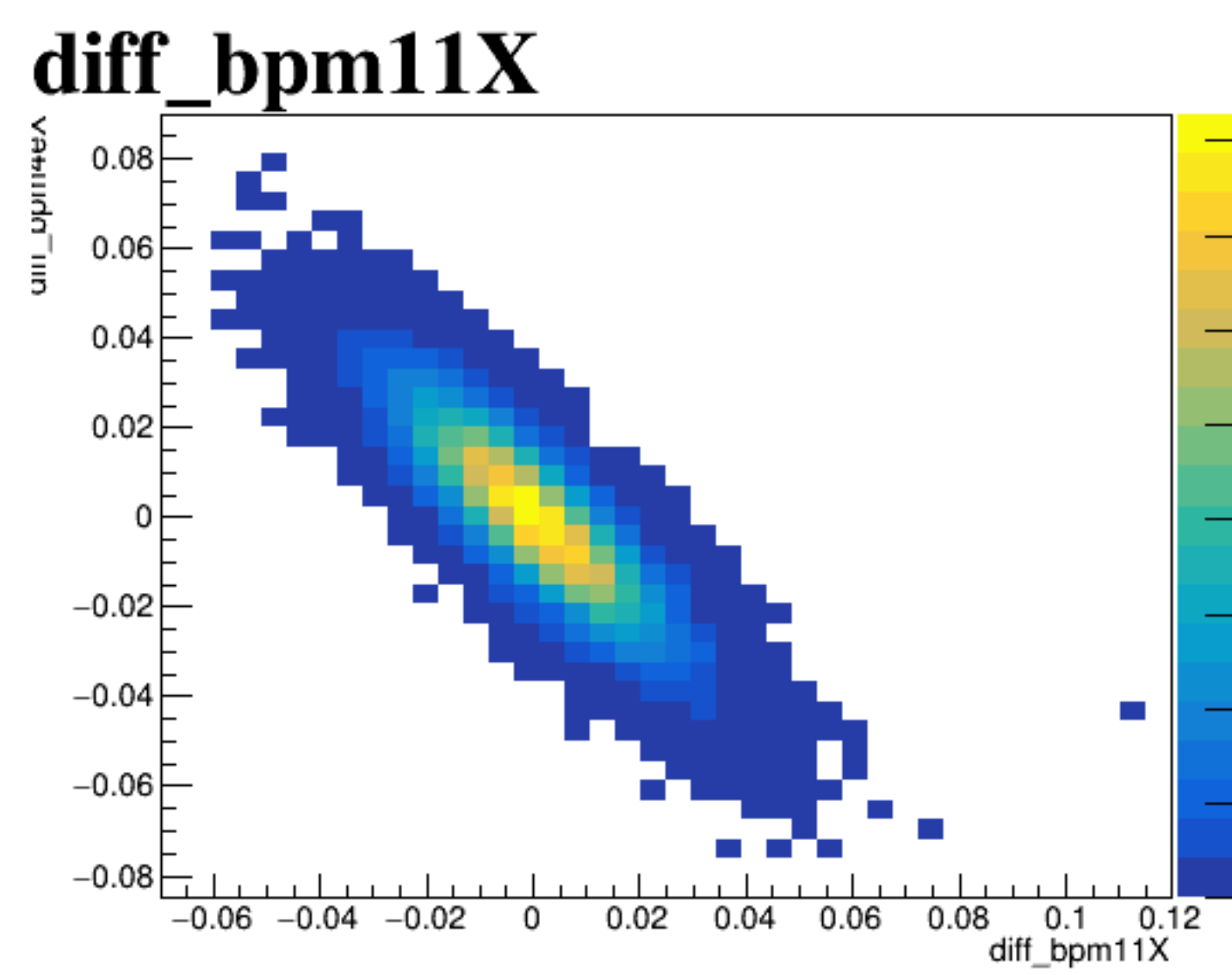
A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.025. The y-axis ranges from -0.15 to 0.25.

diff_bpm4aX

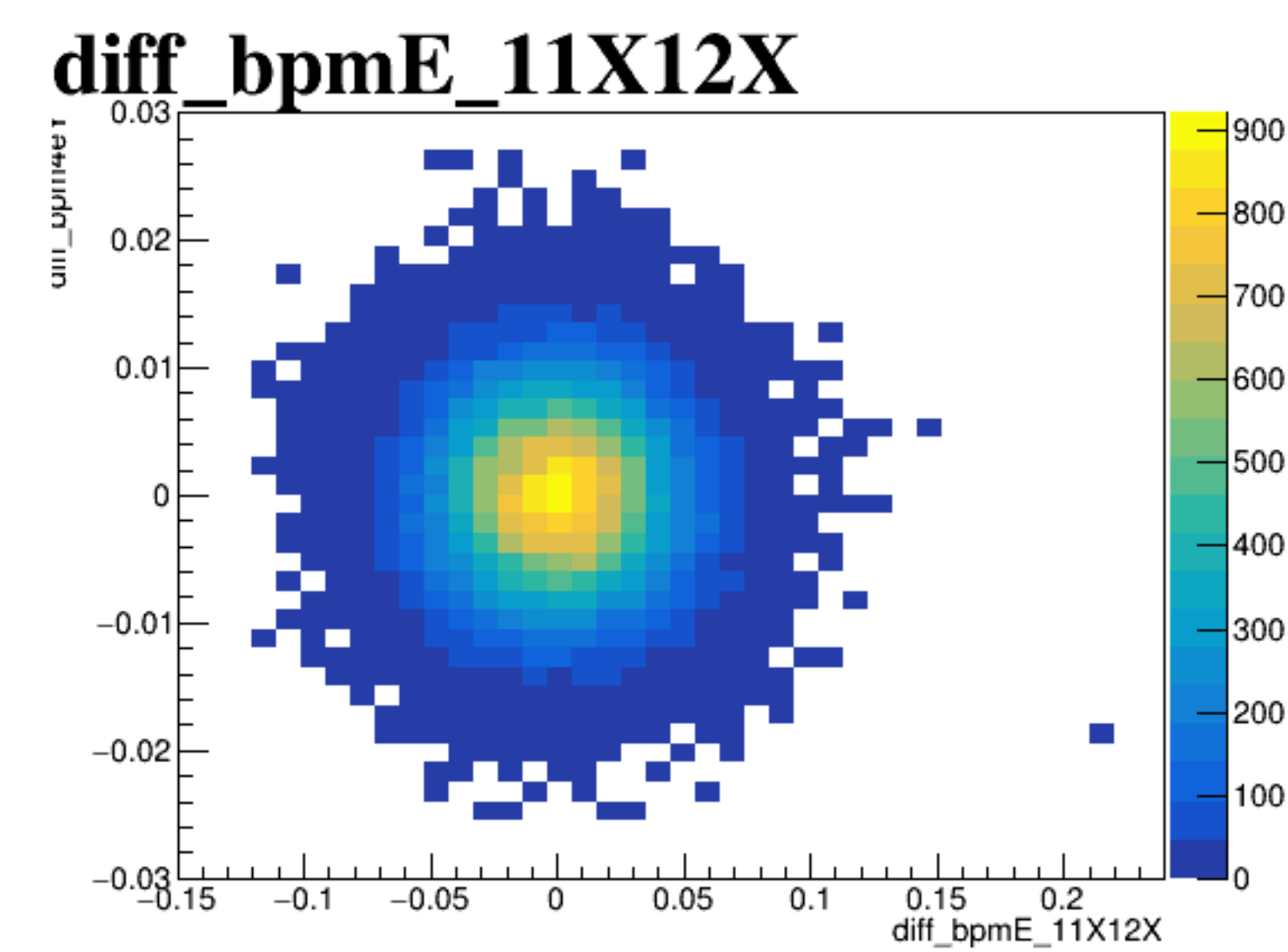
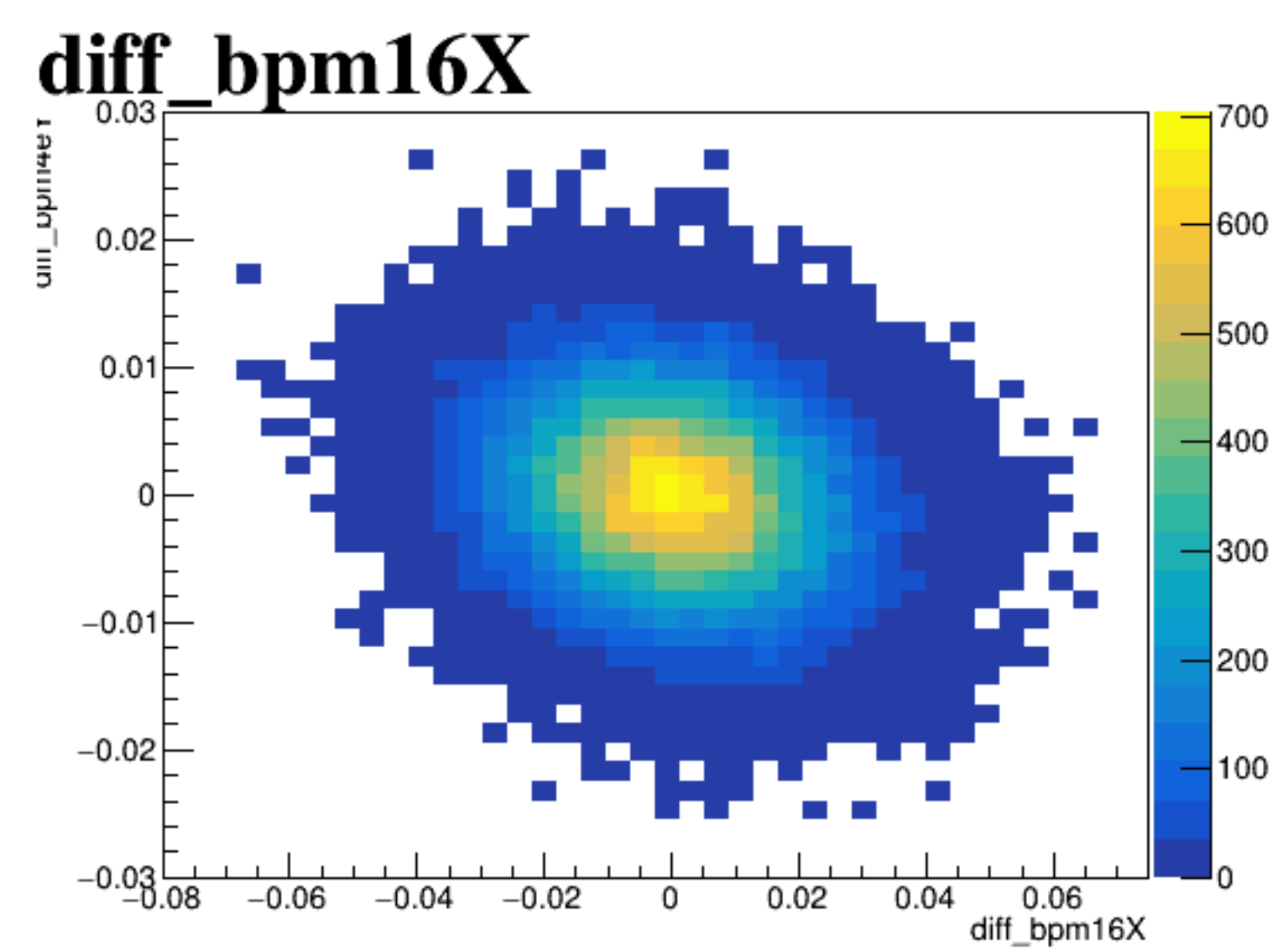
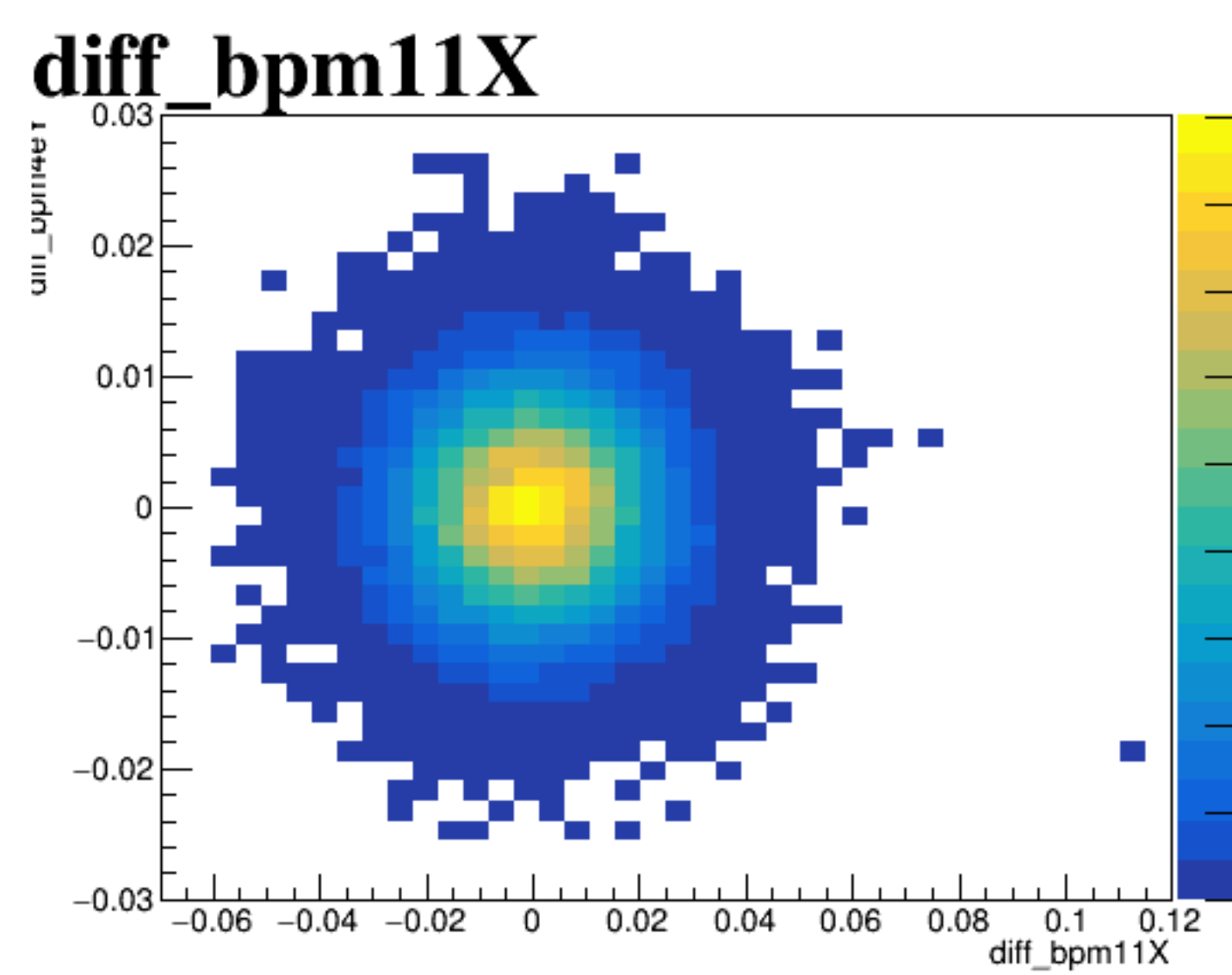
diff_bpm4aY



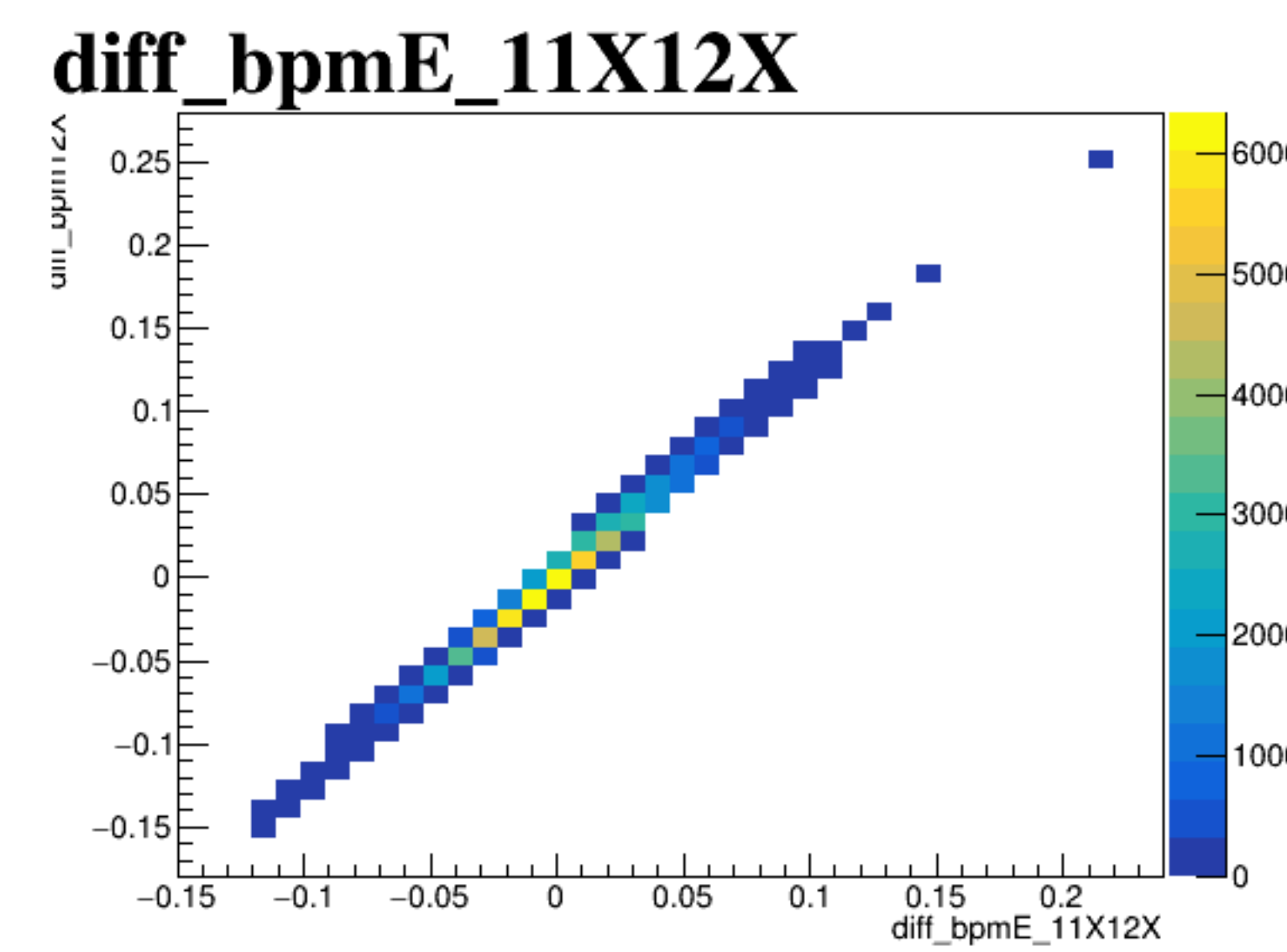
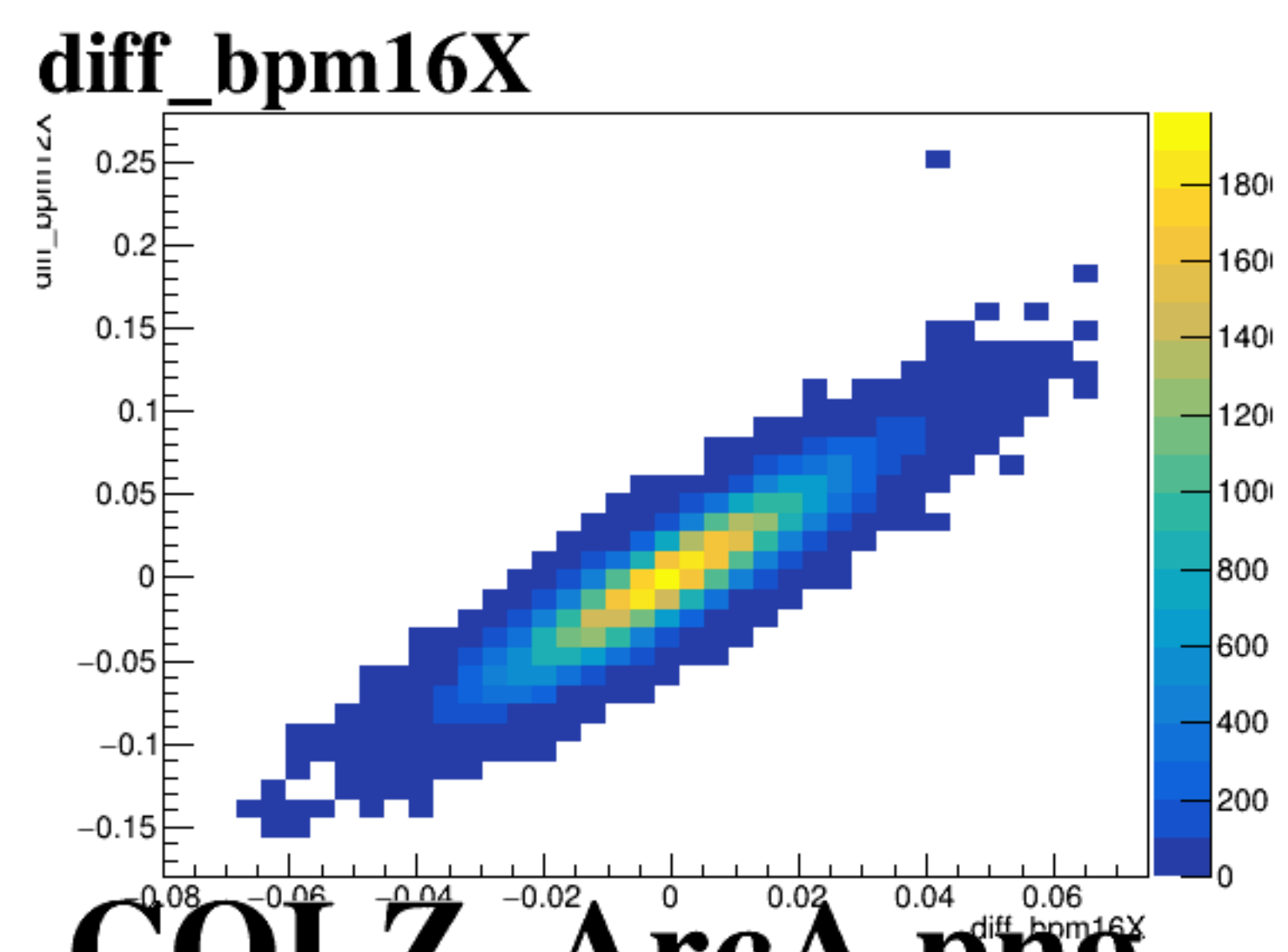
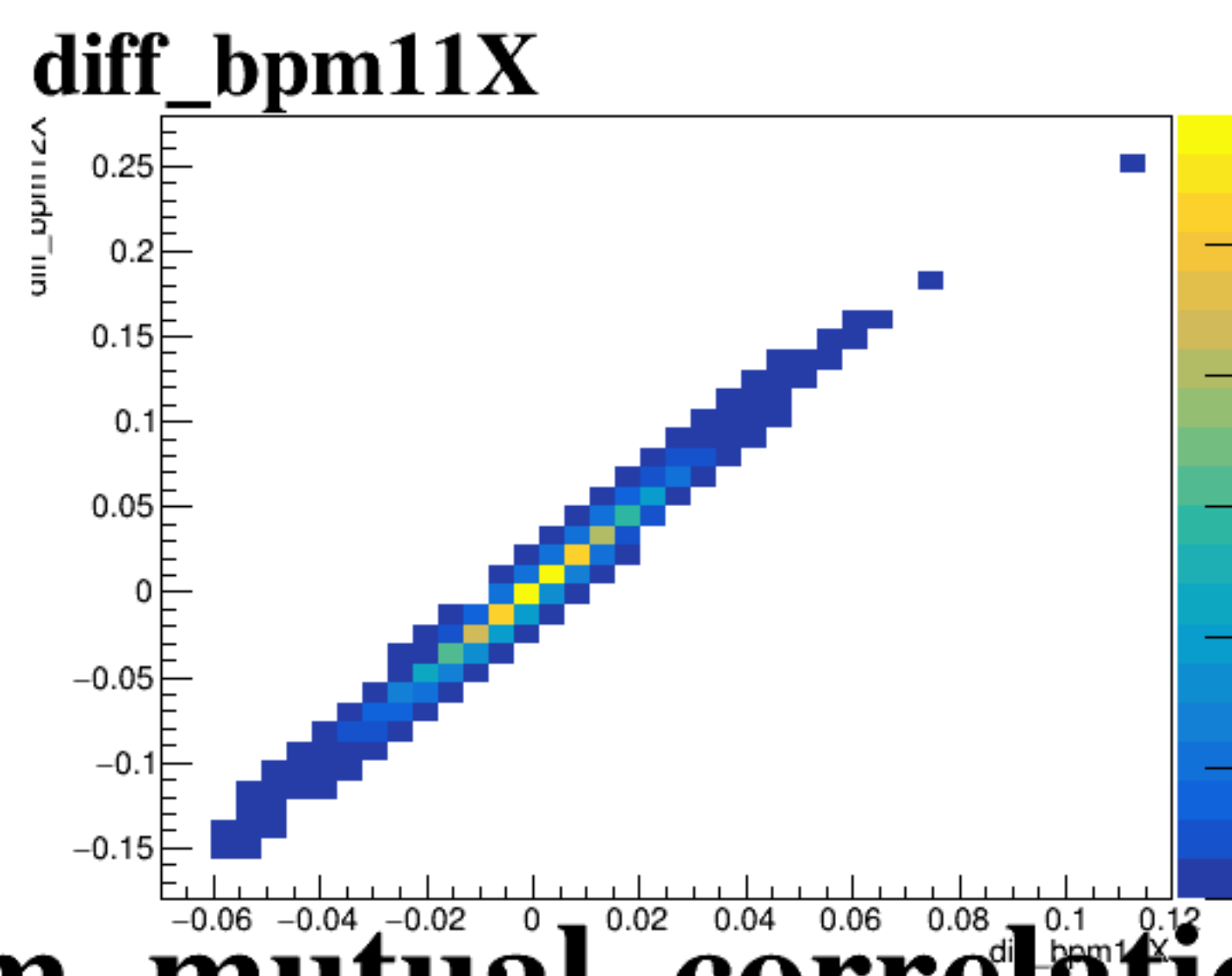
diff_bpm4eX



diff_bpm4eY

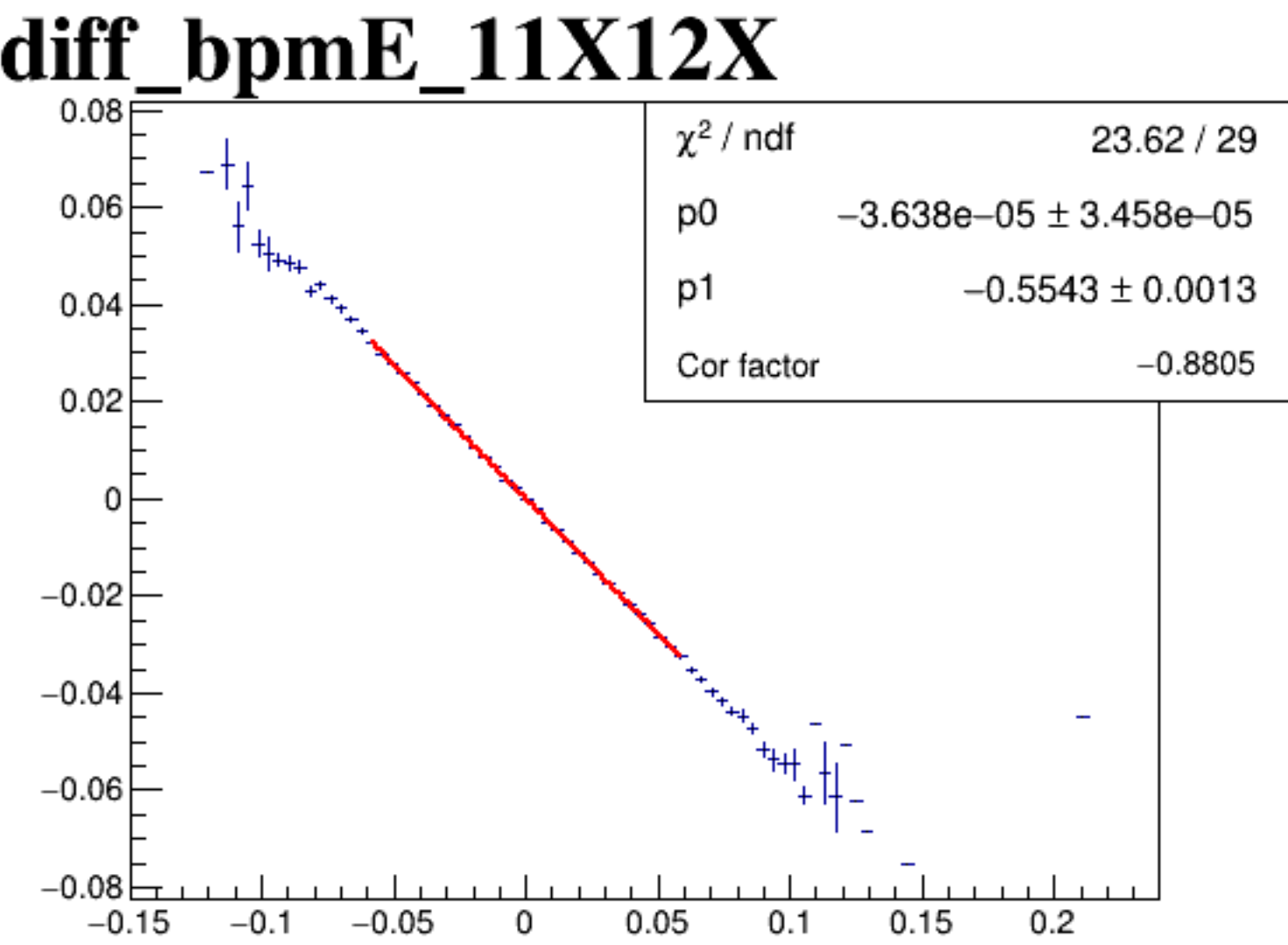
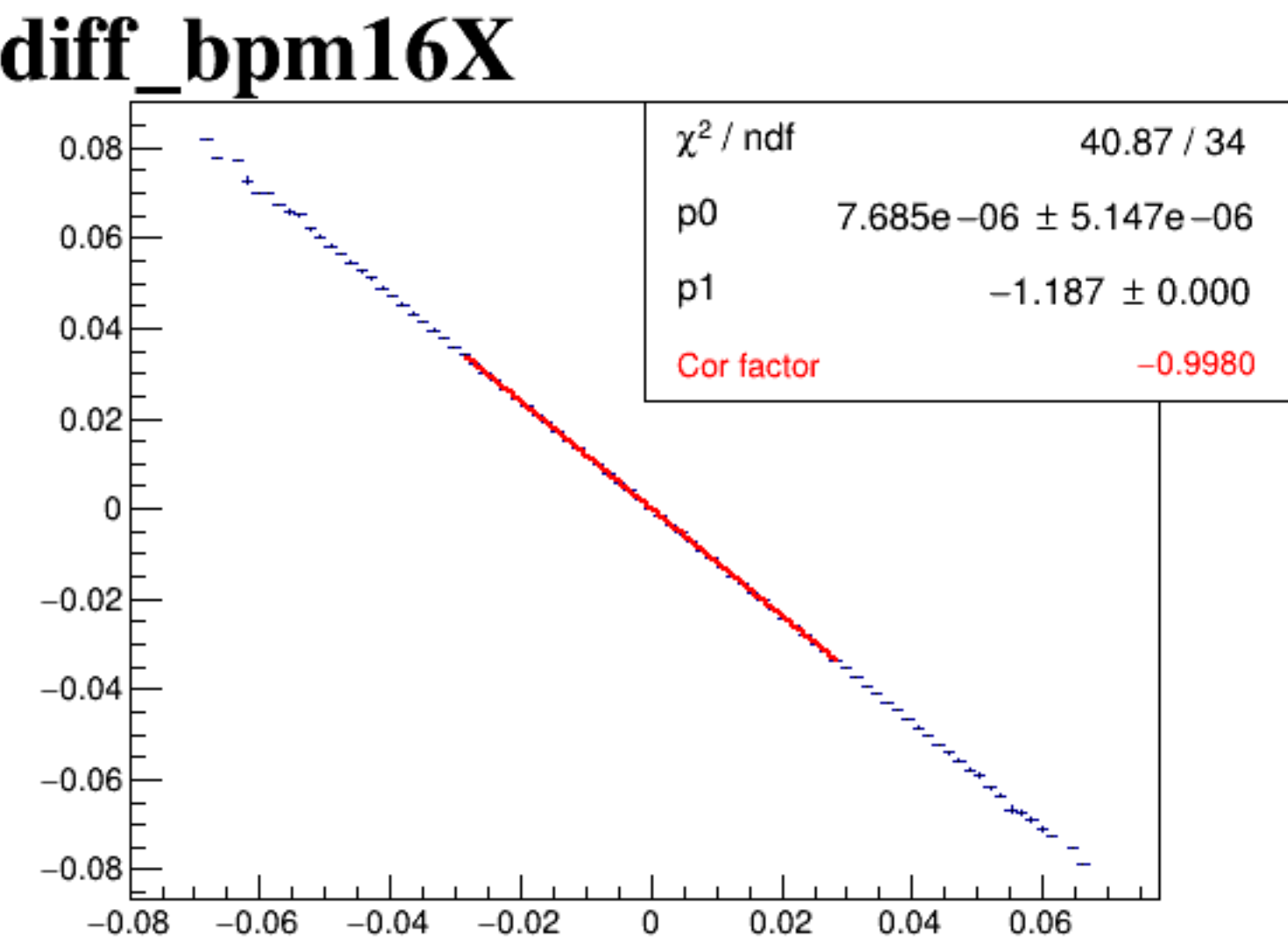
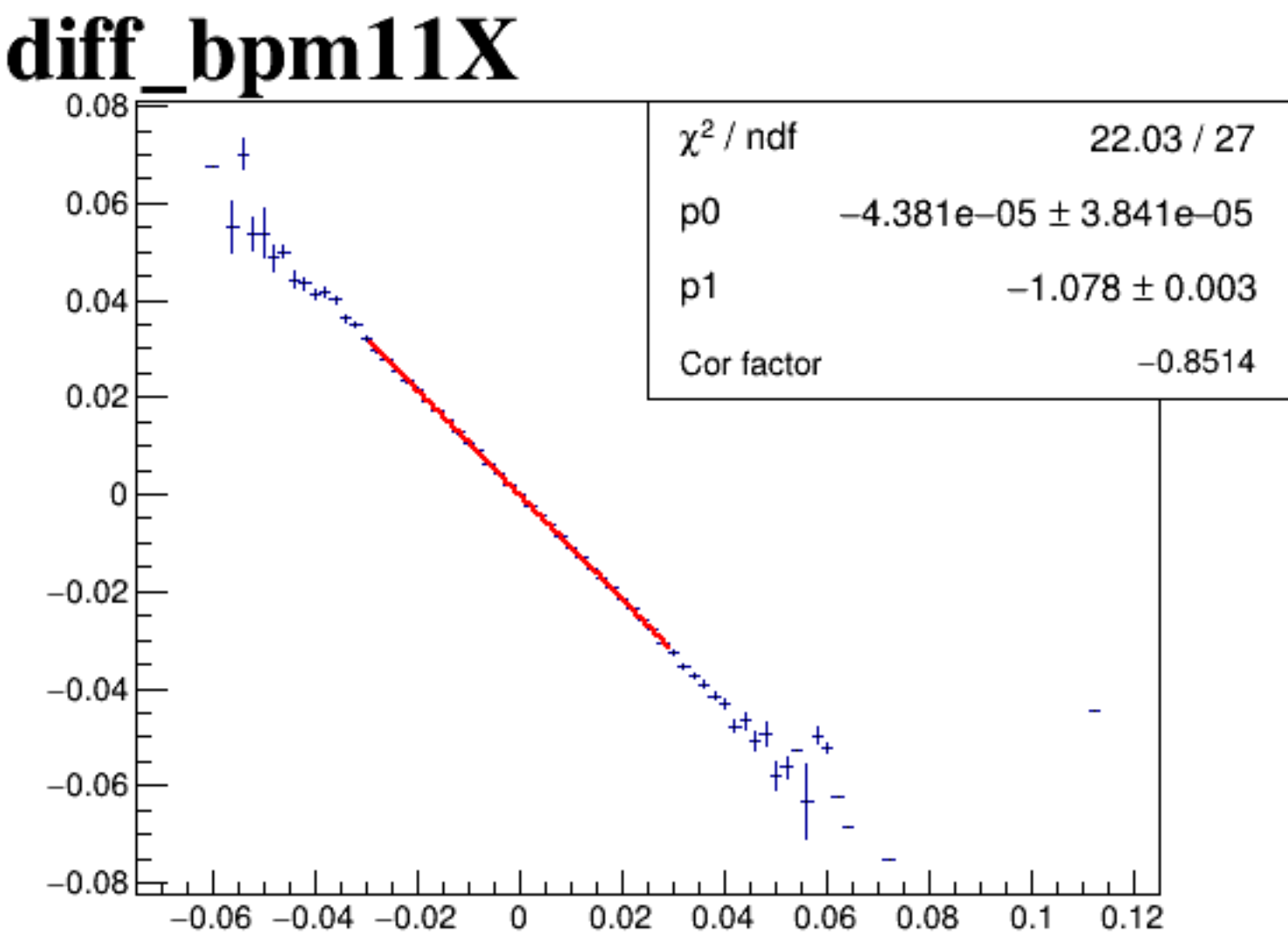


diff_bpm12X

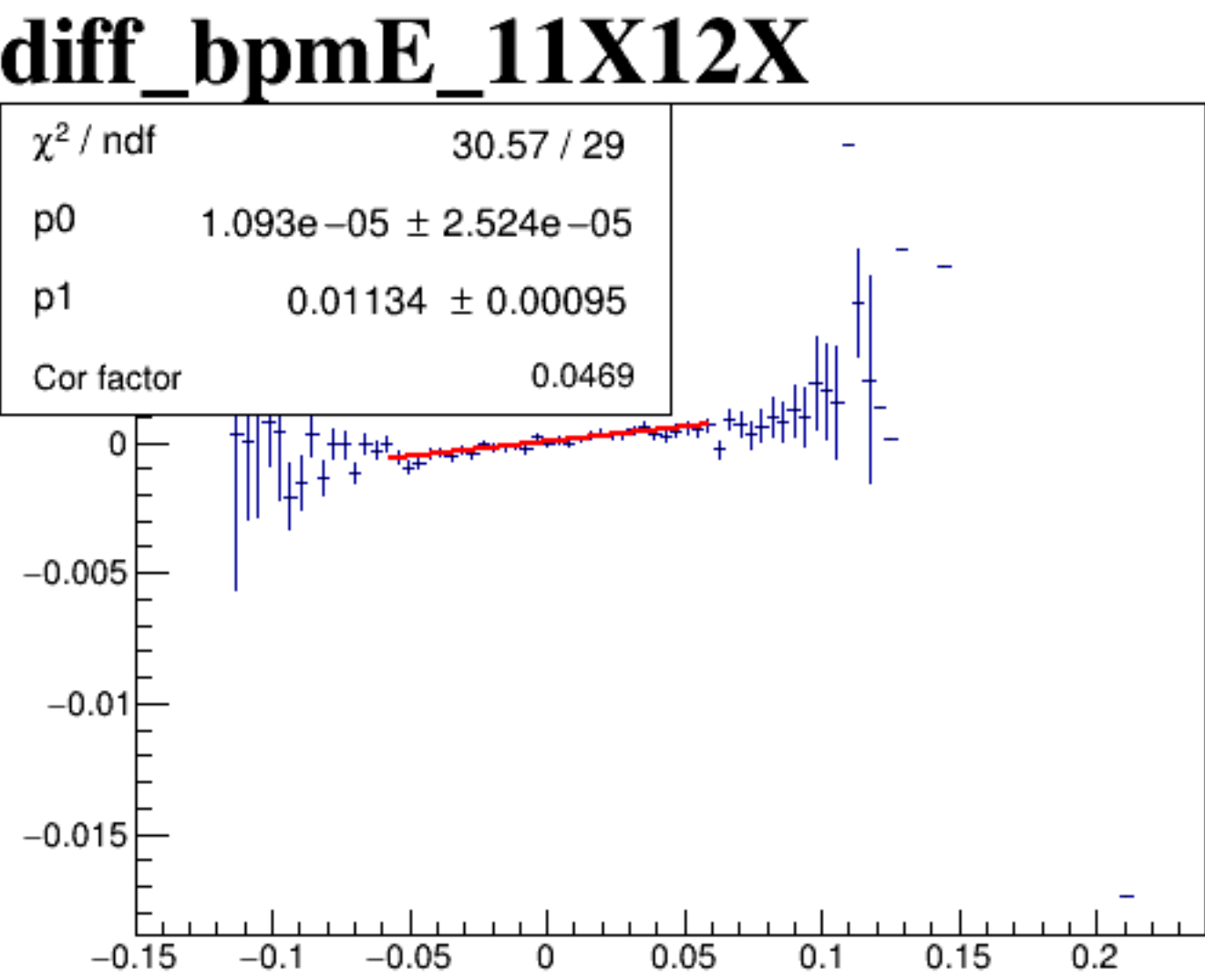
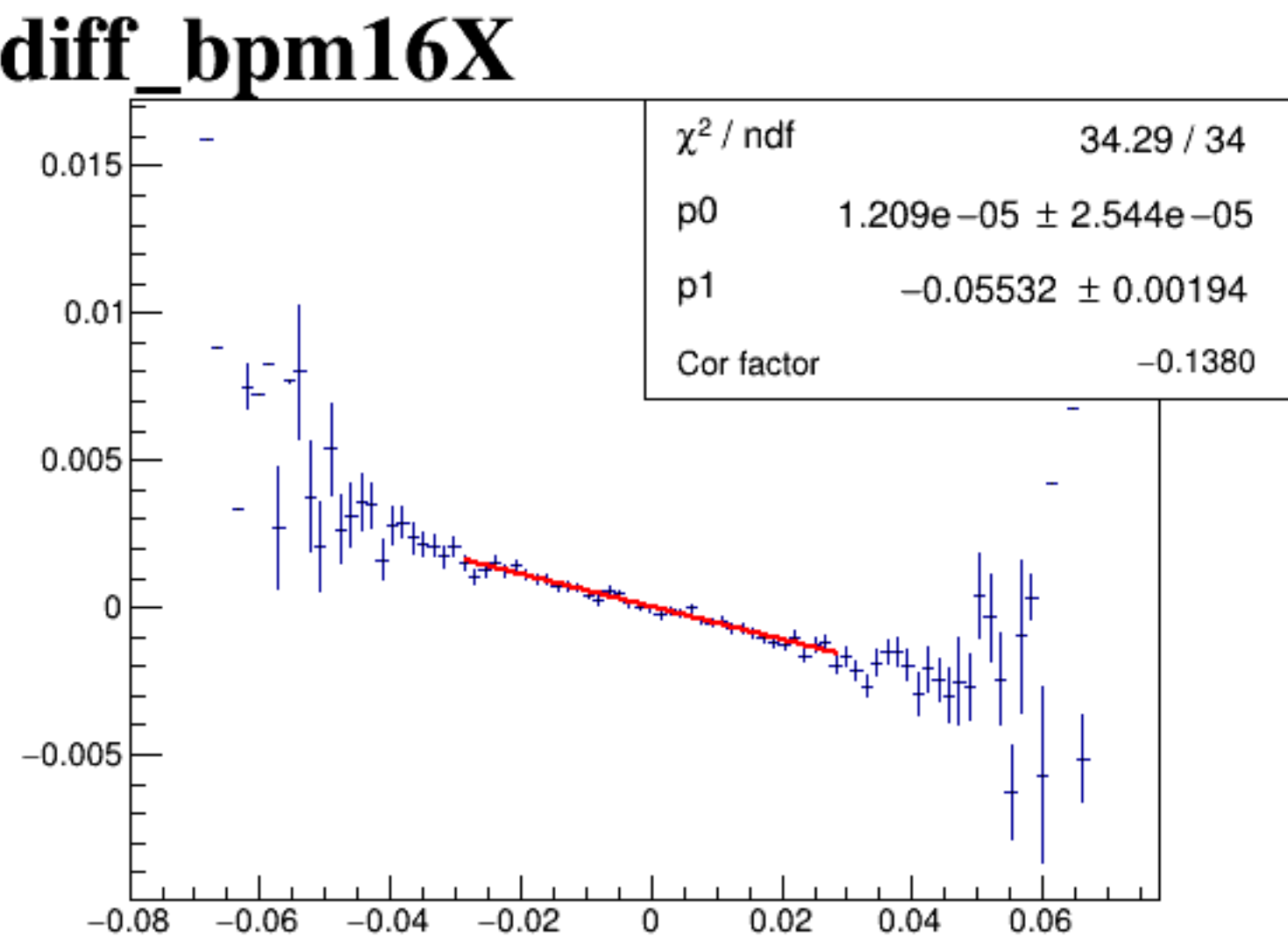
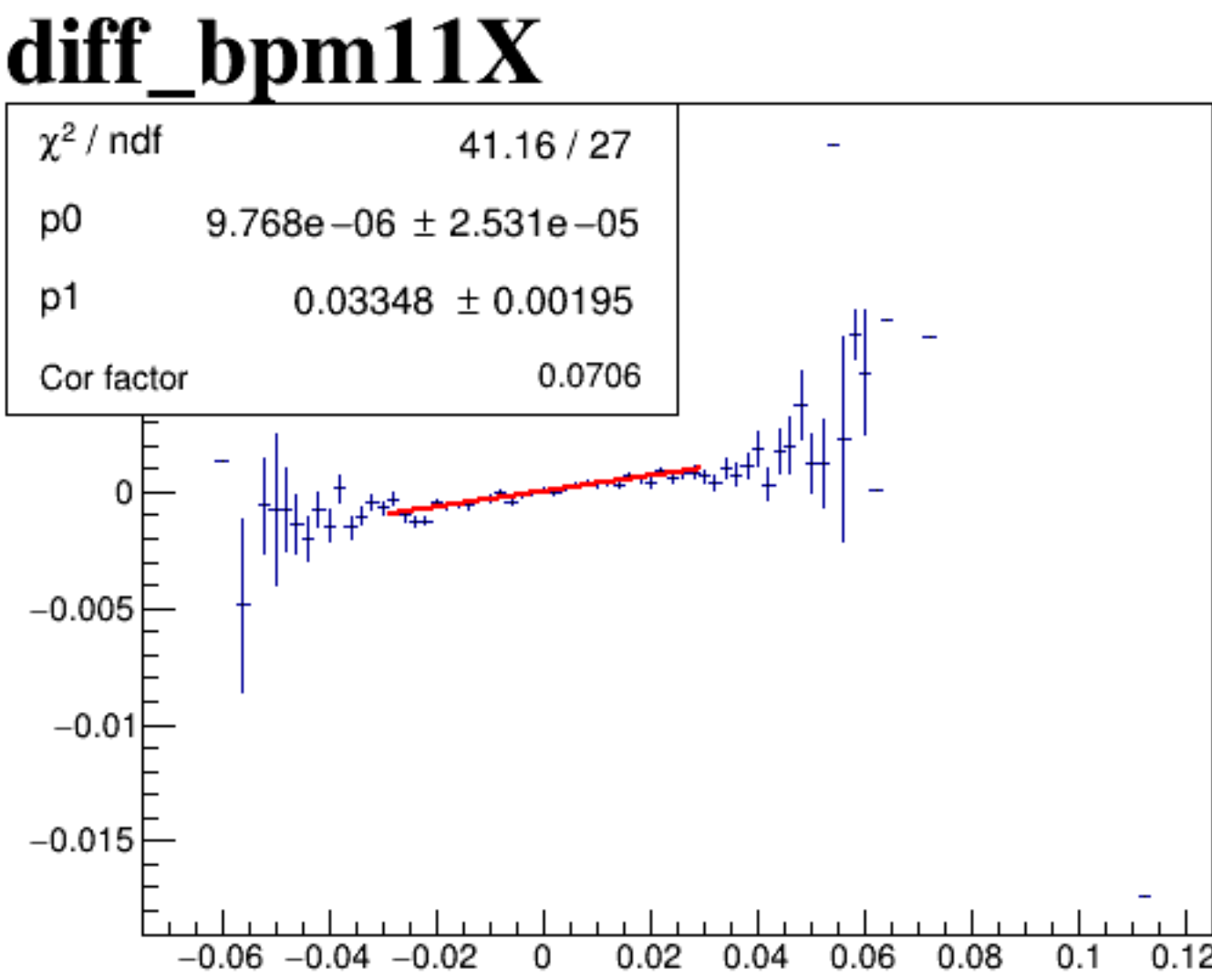


run8157_000_diff_bpm_mutual_correlation_COLZ_ArcA.png

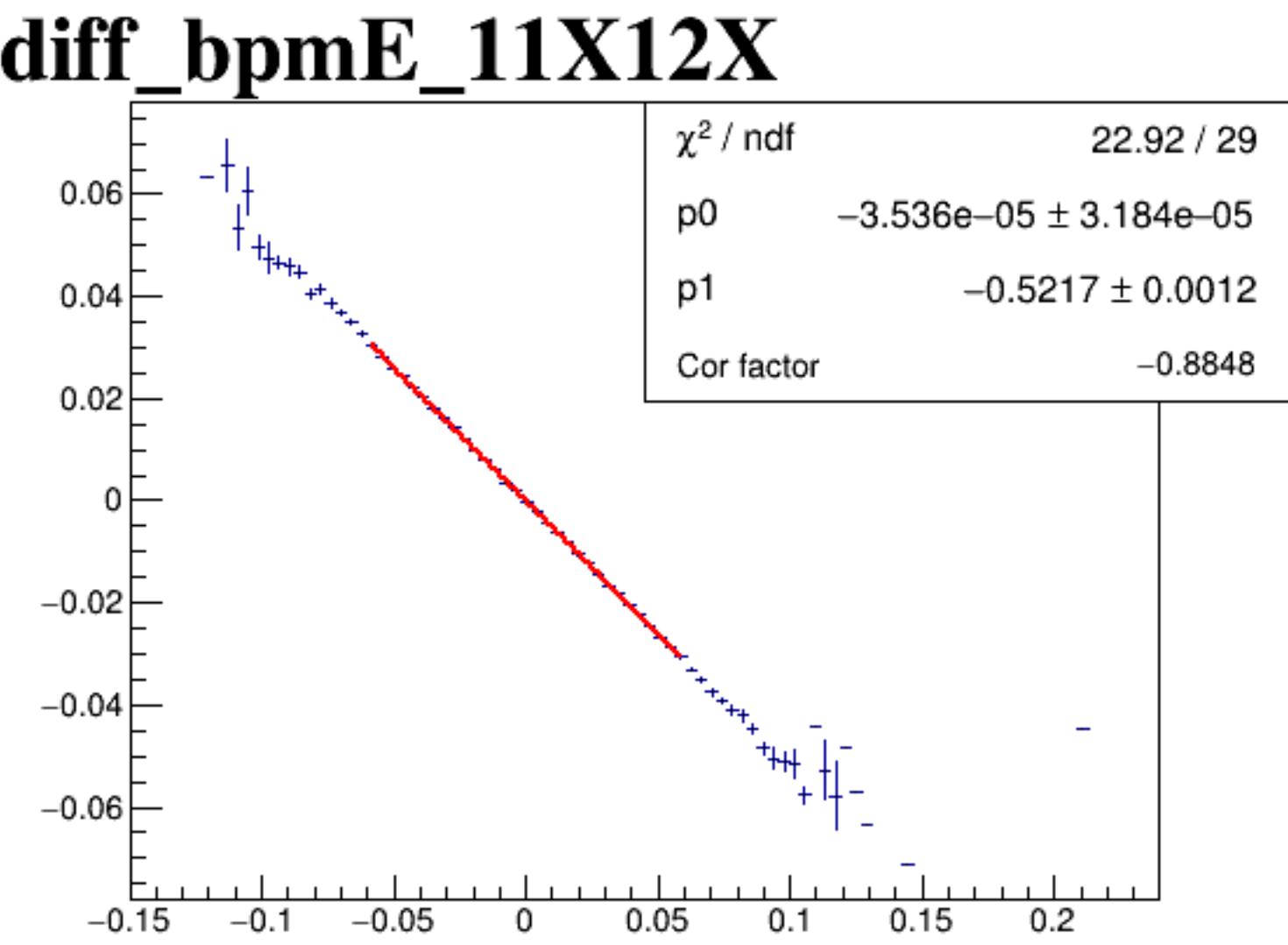
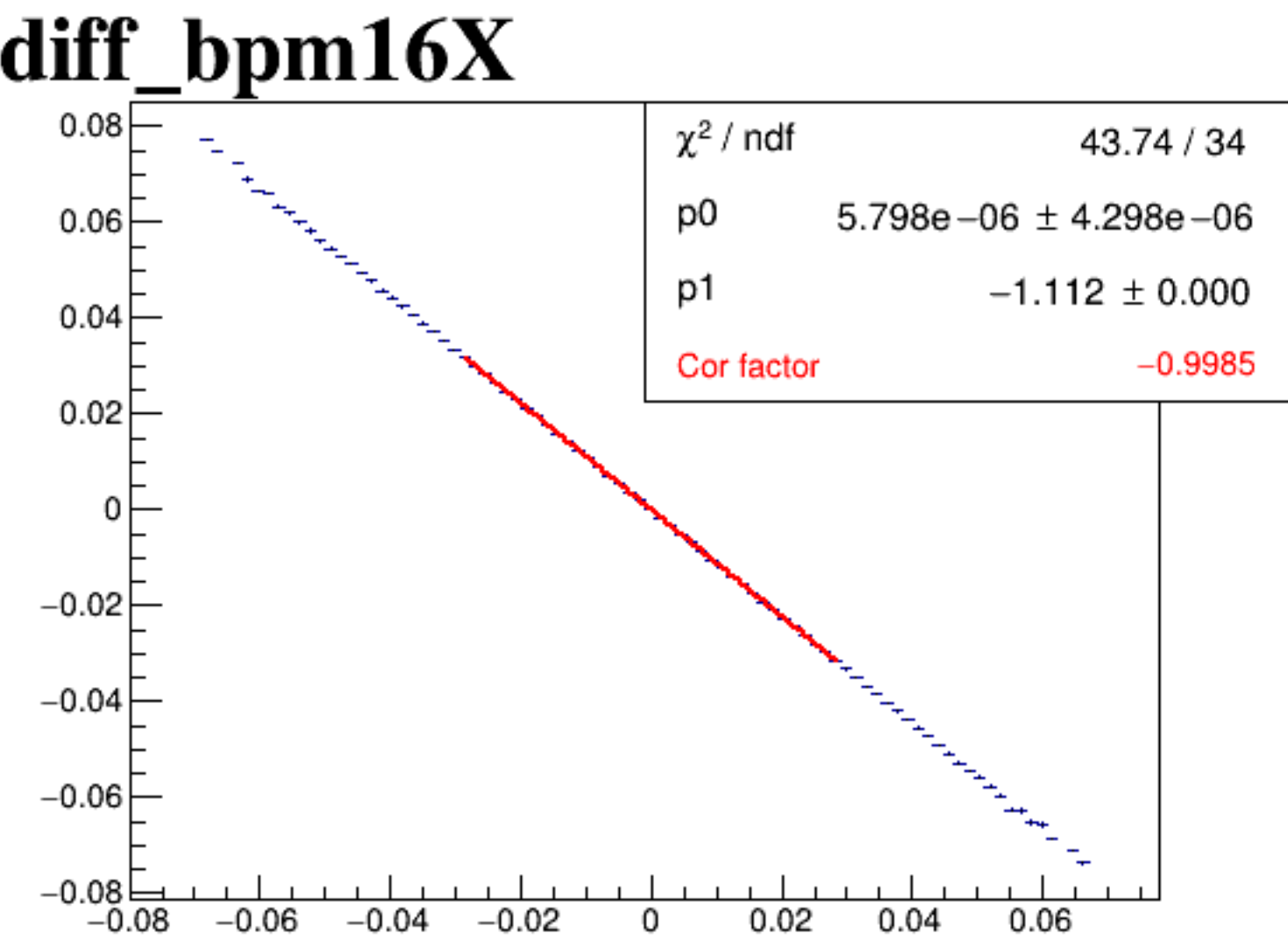
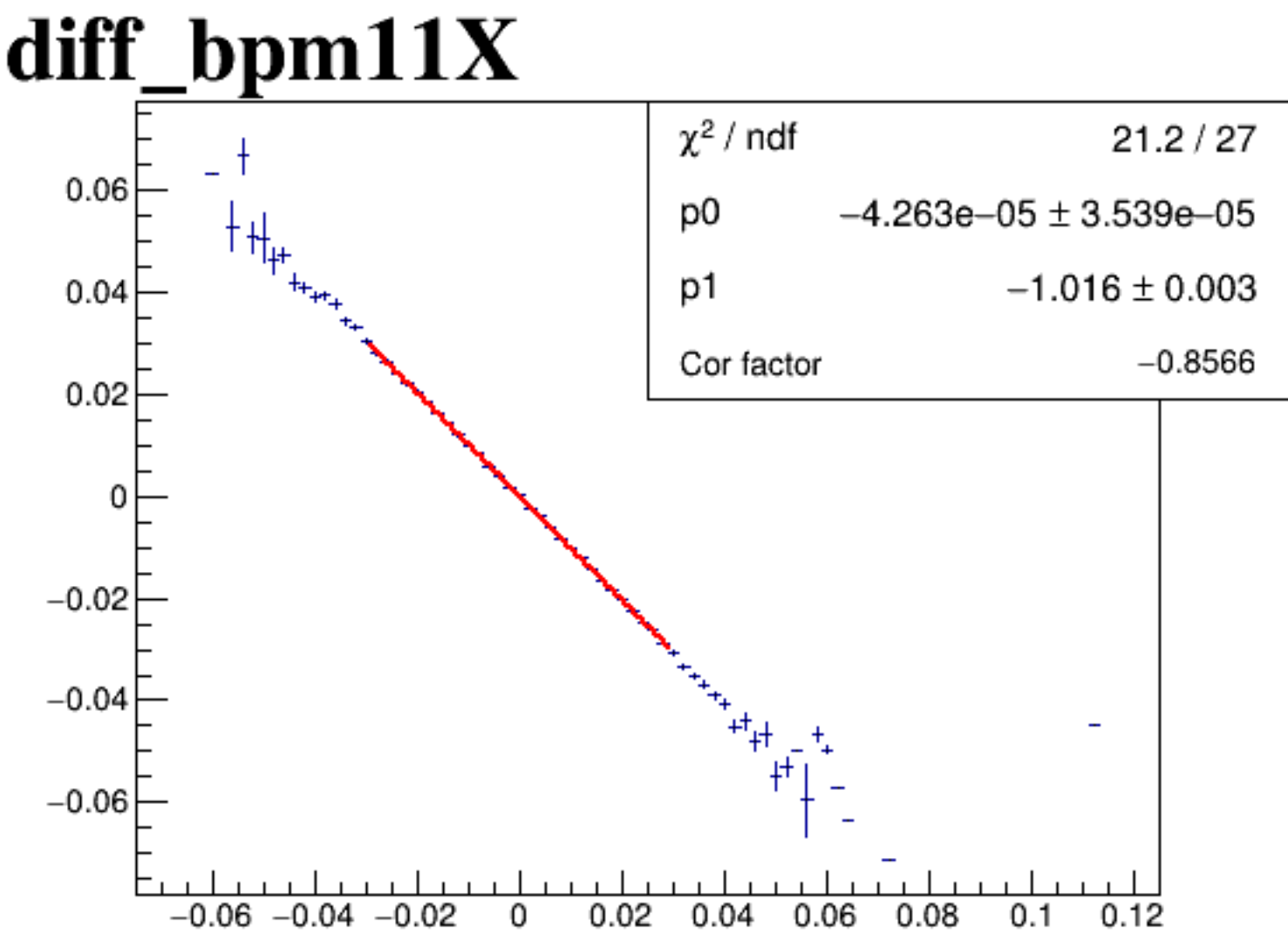
diff_bpm4aX



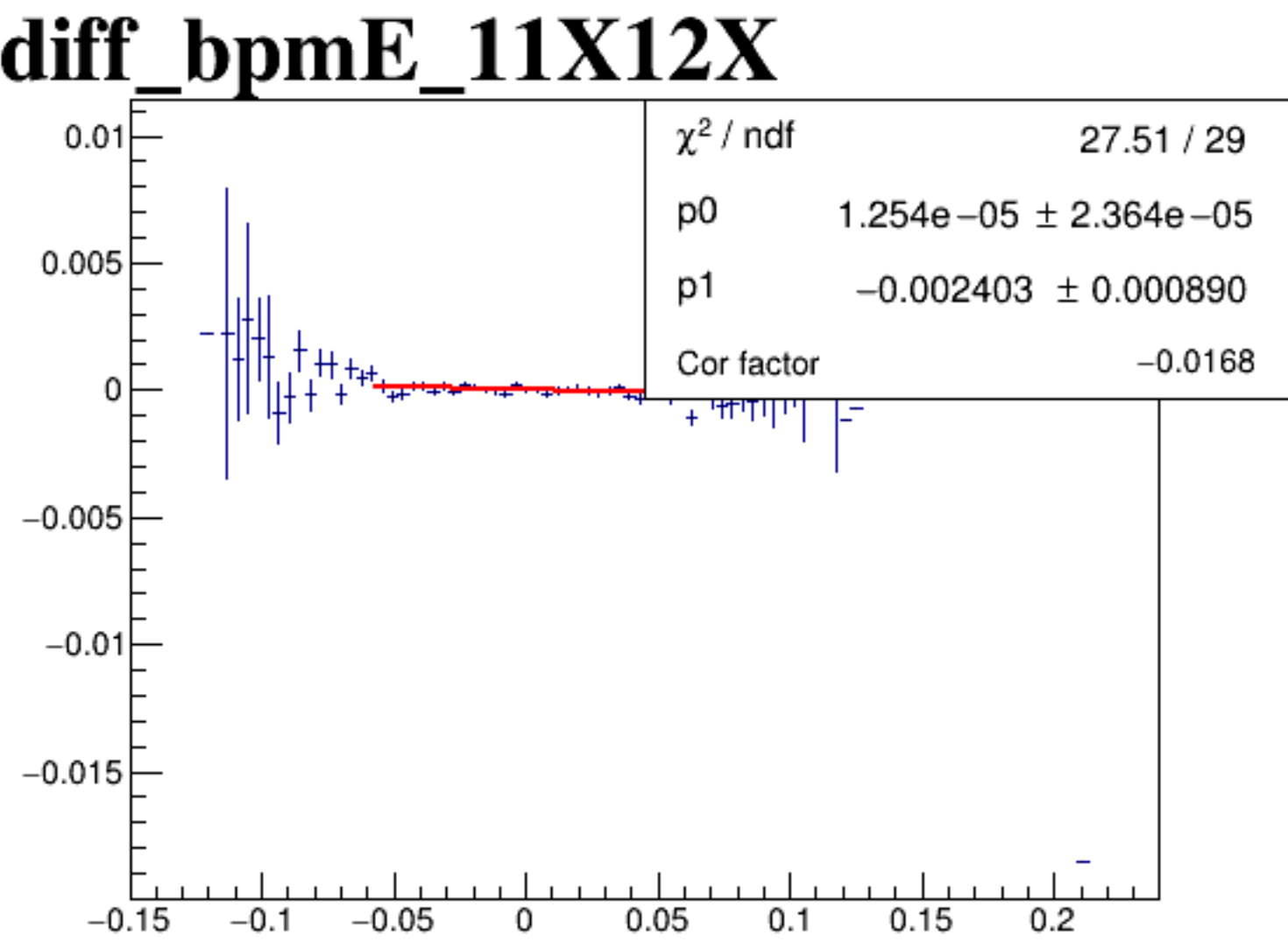
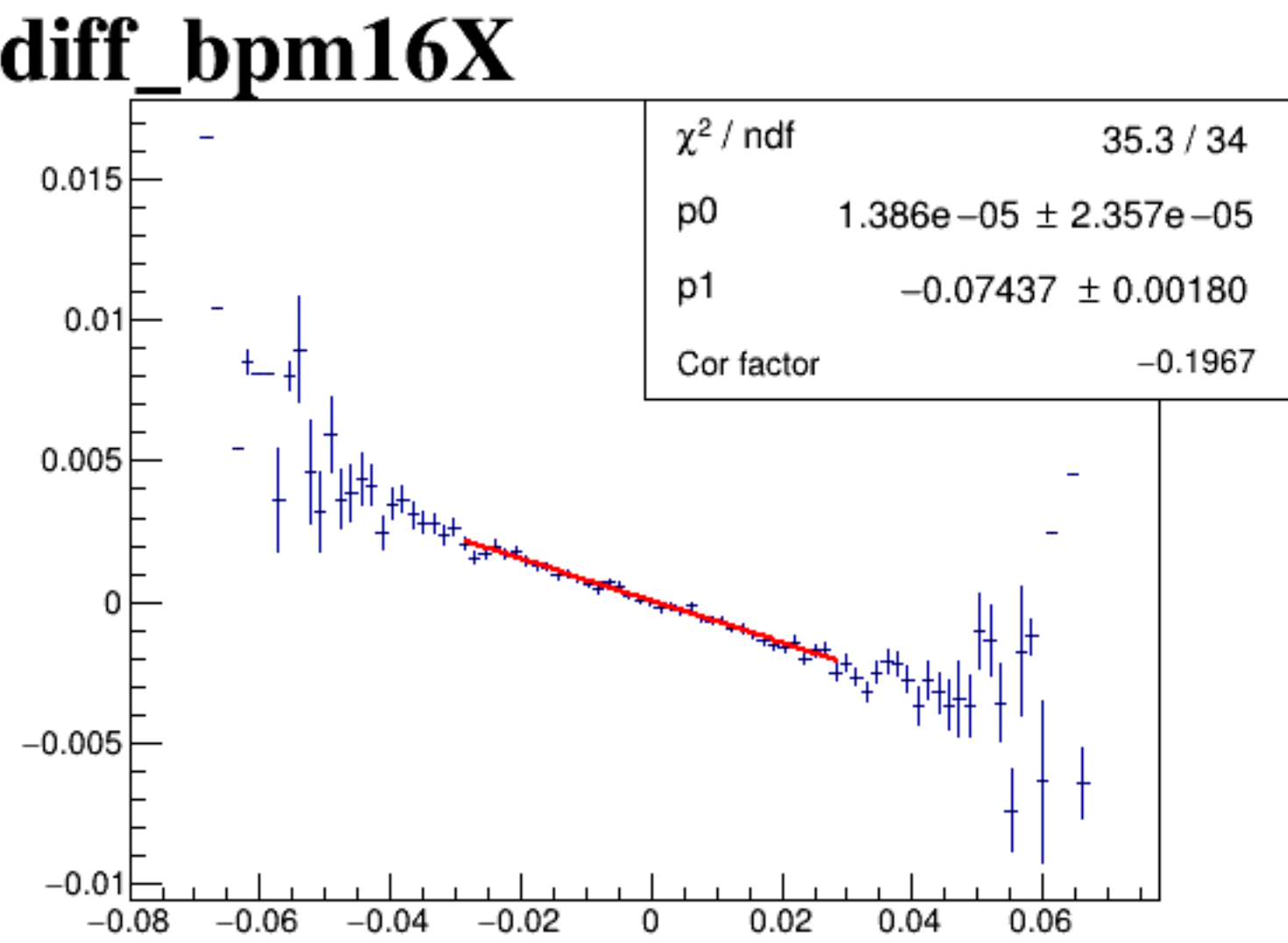
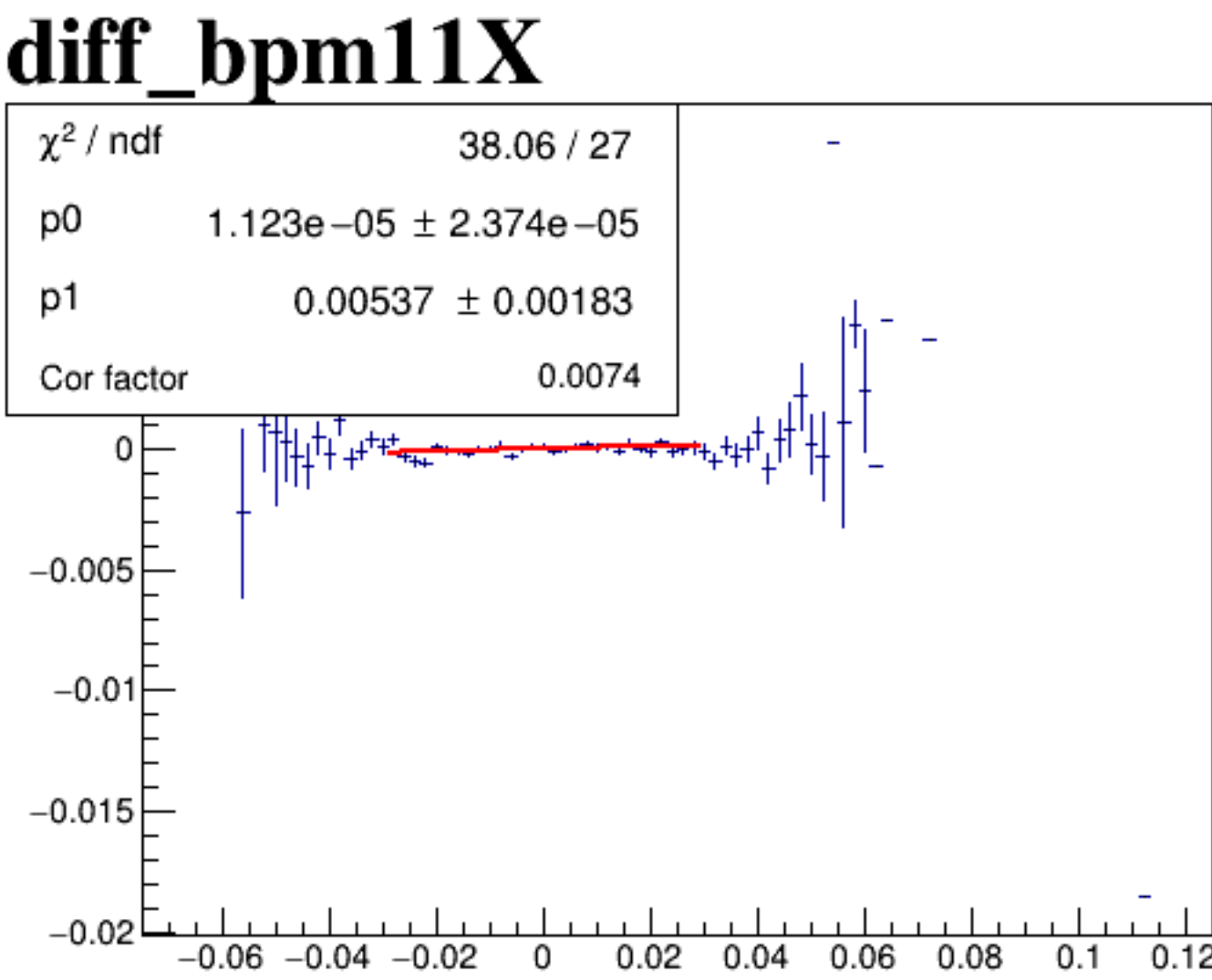
diff_bpm4aY



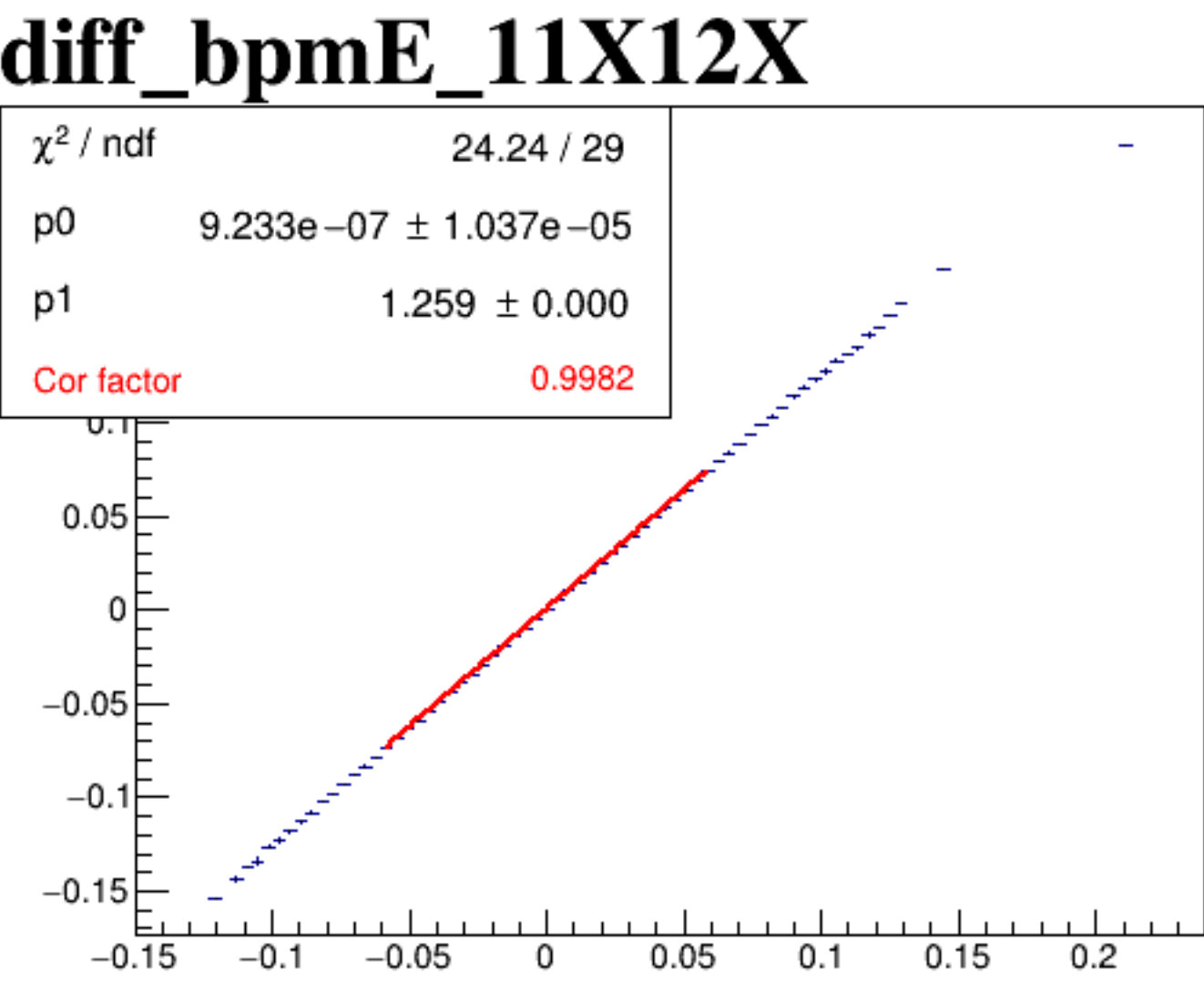
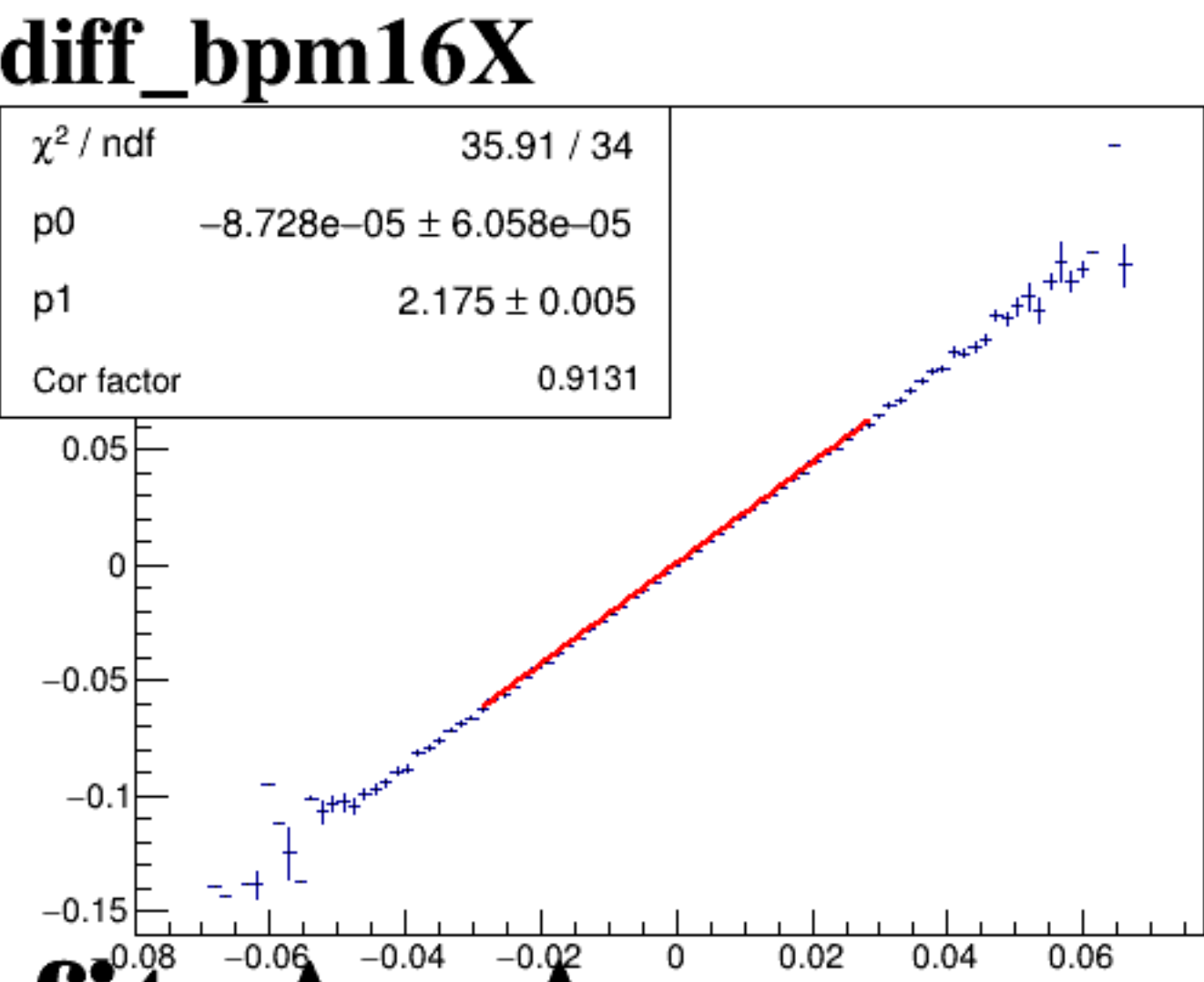
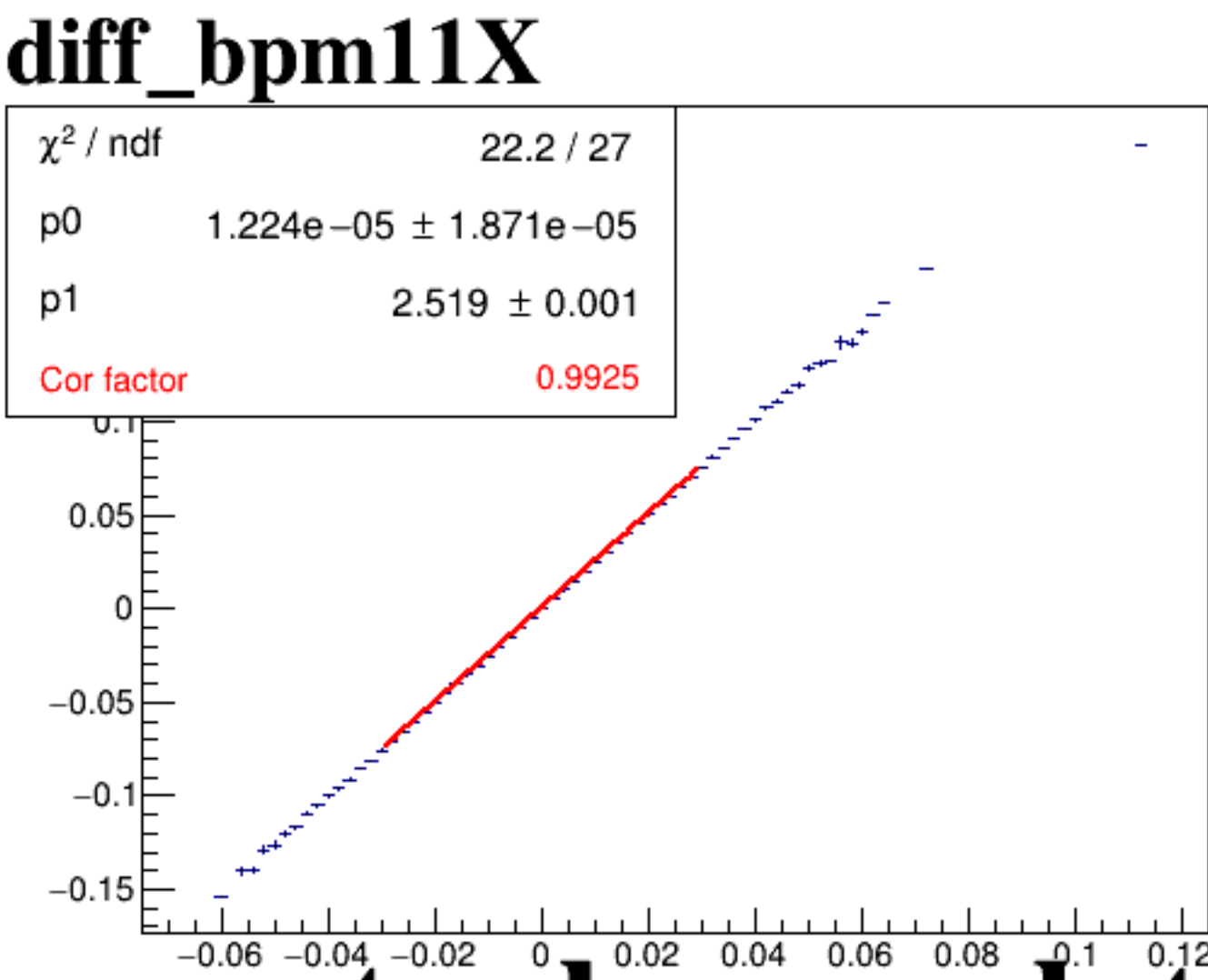
diff_bpm4eX



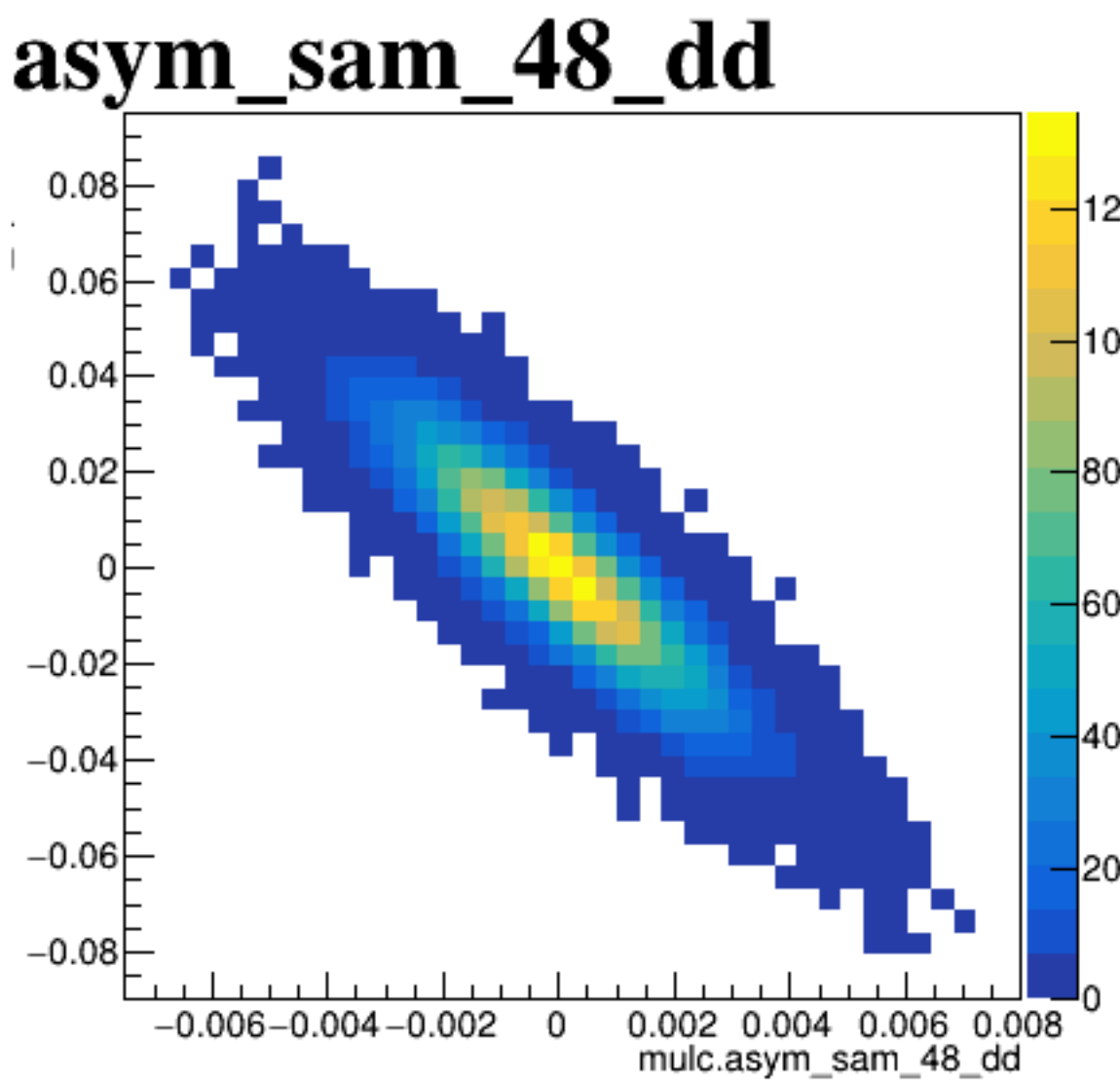
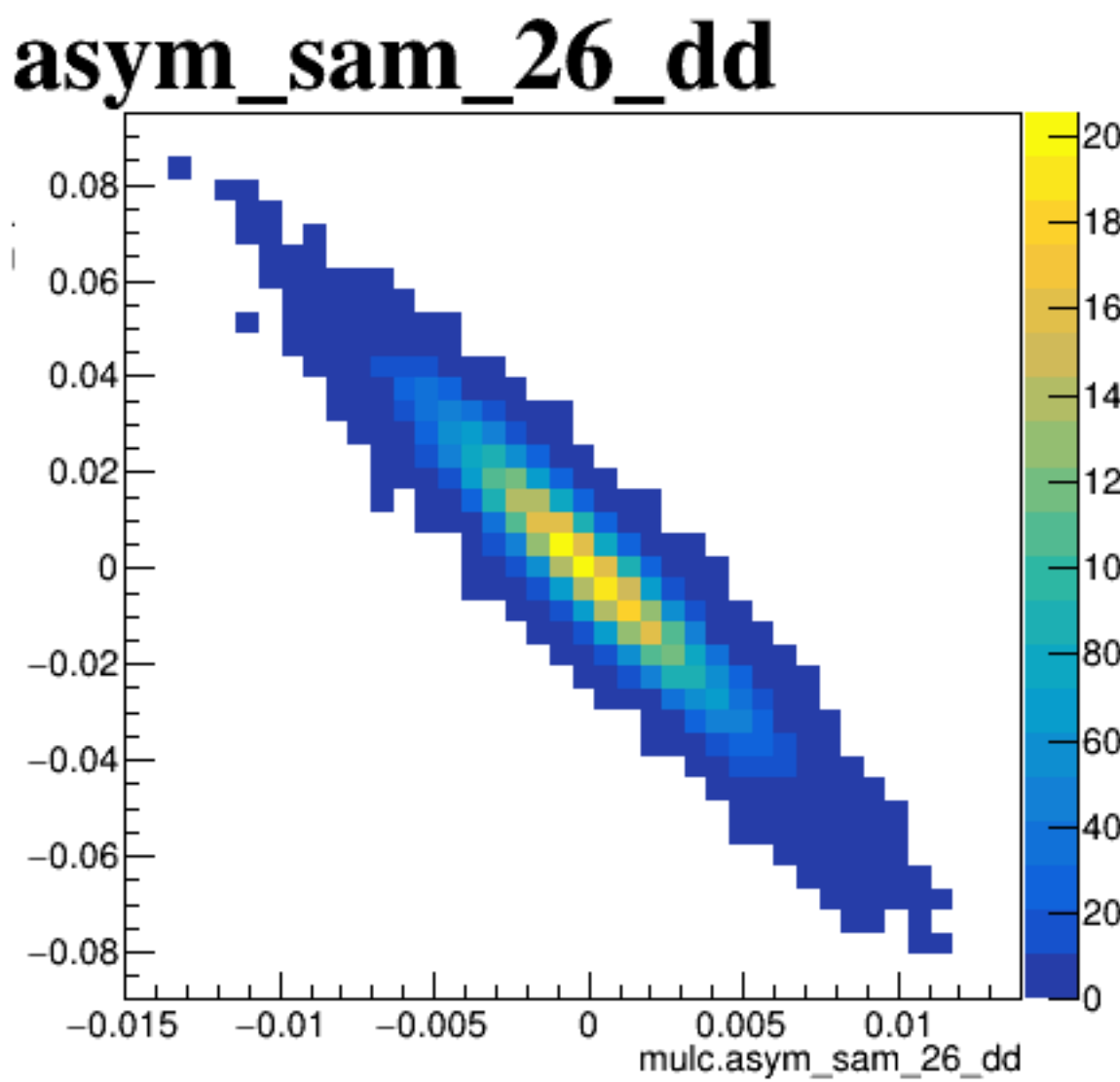
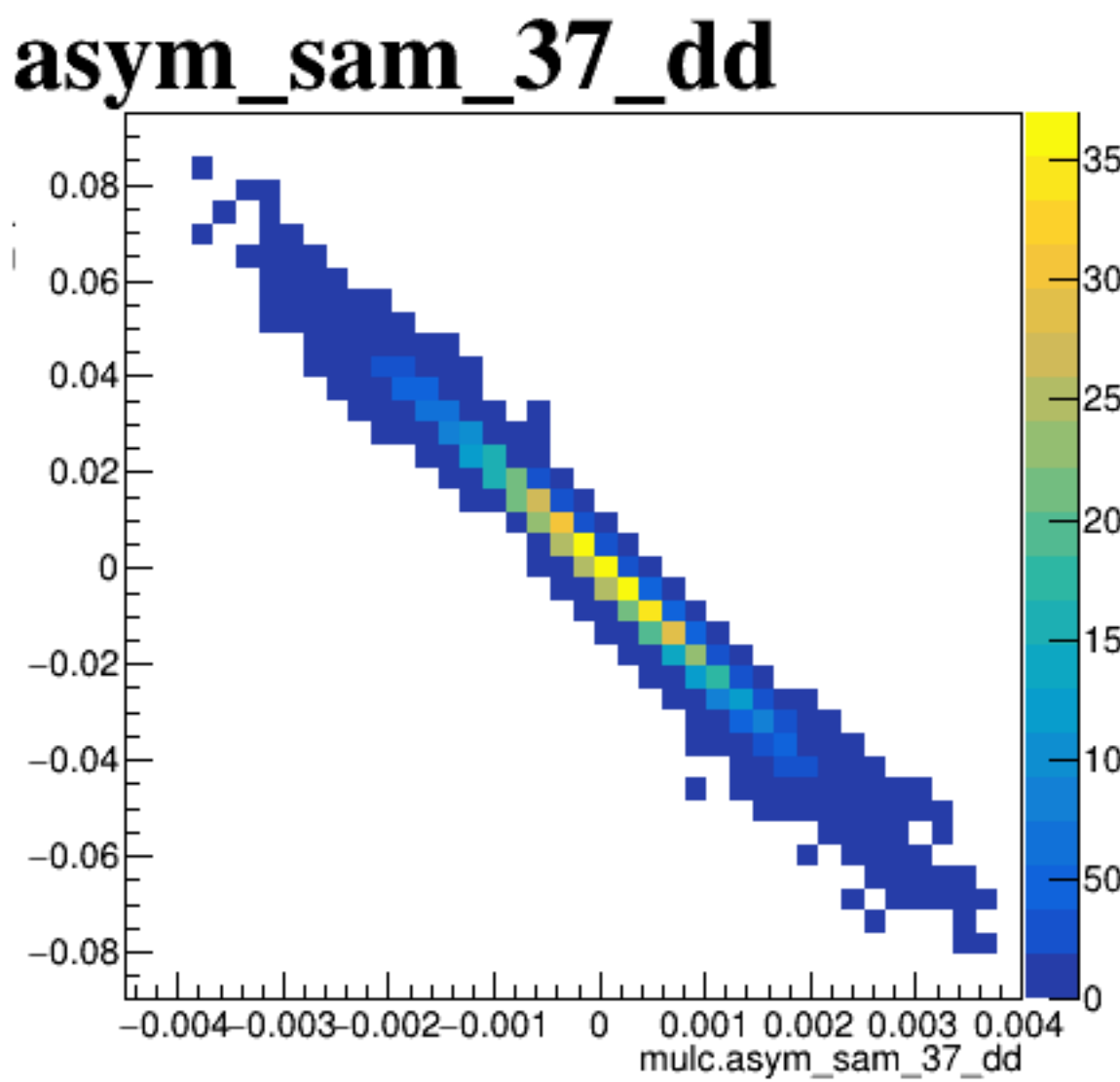
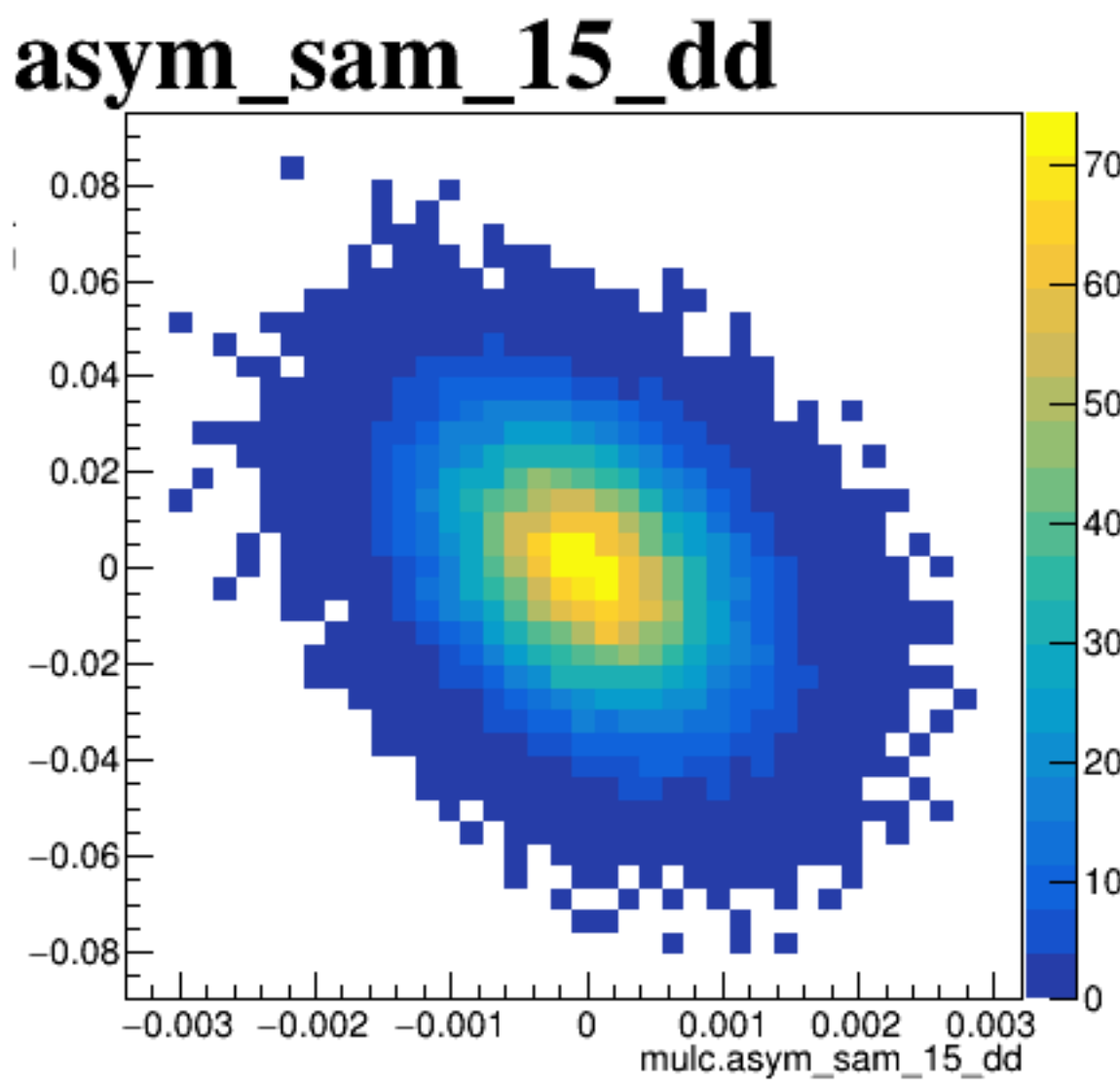
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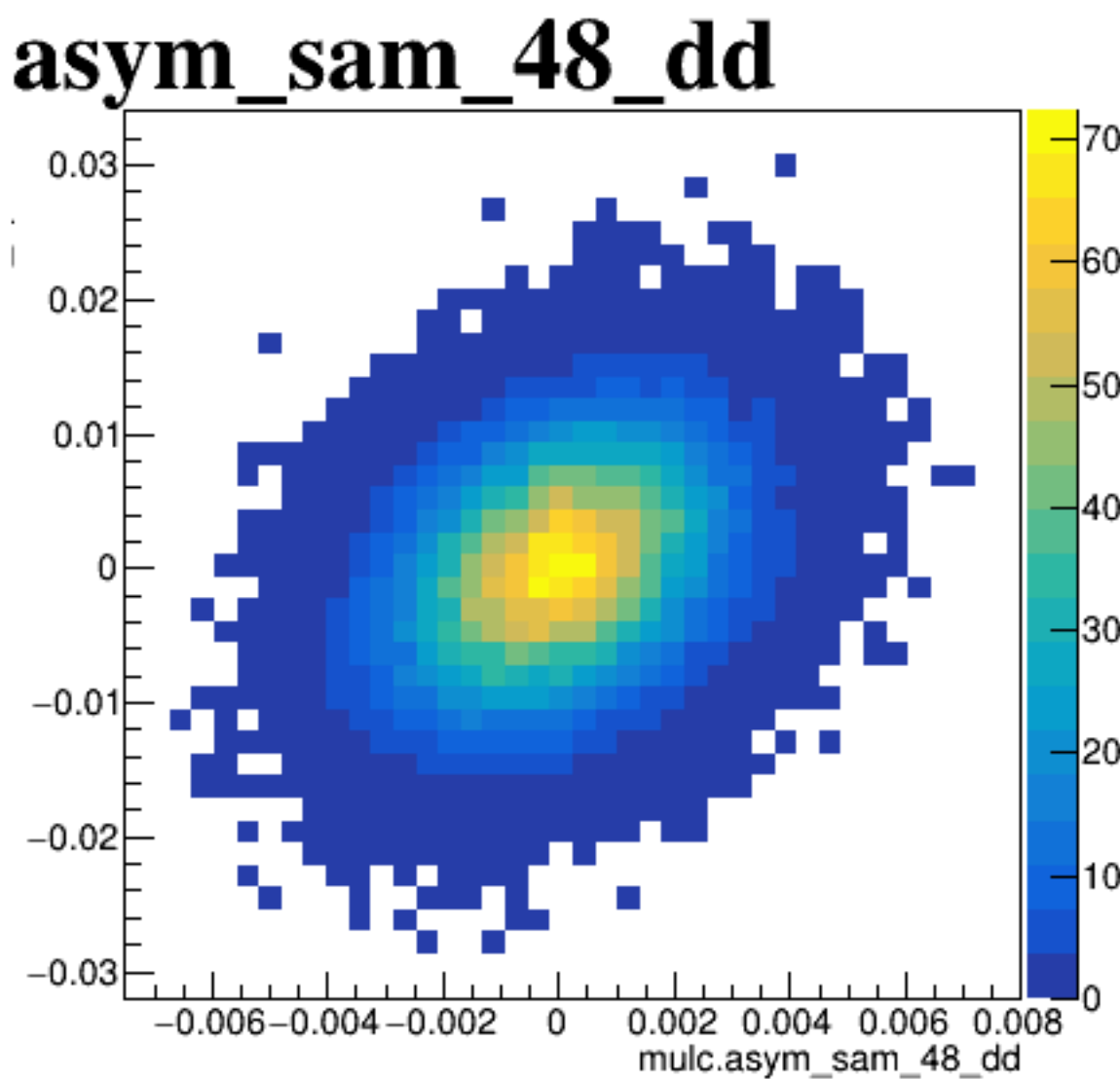
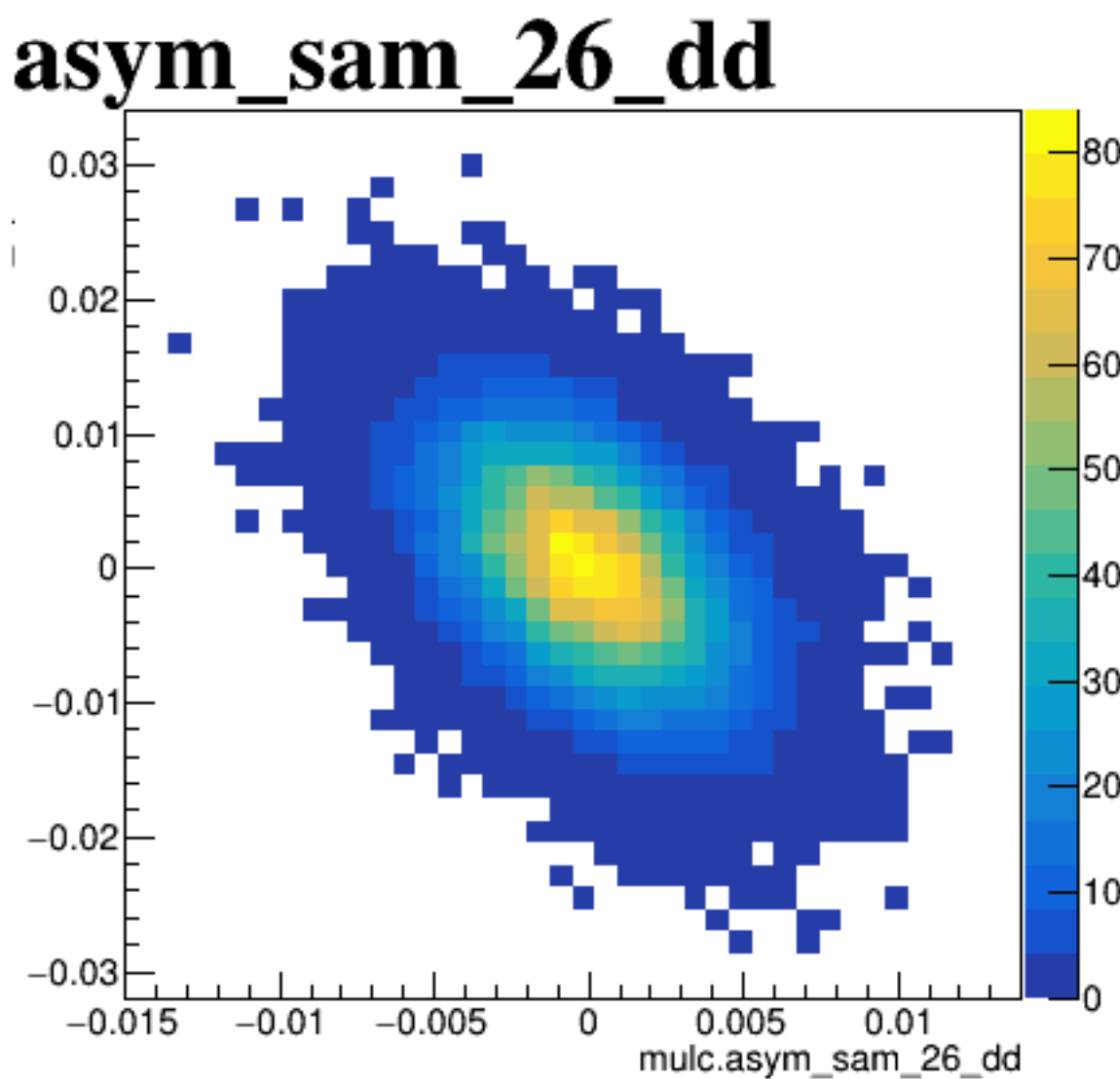
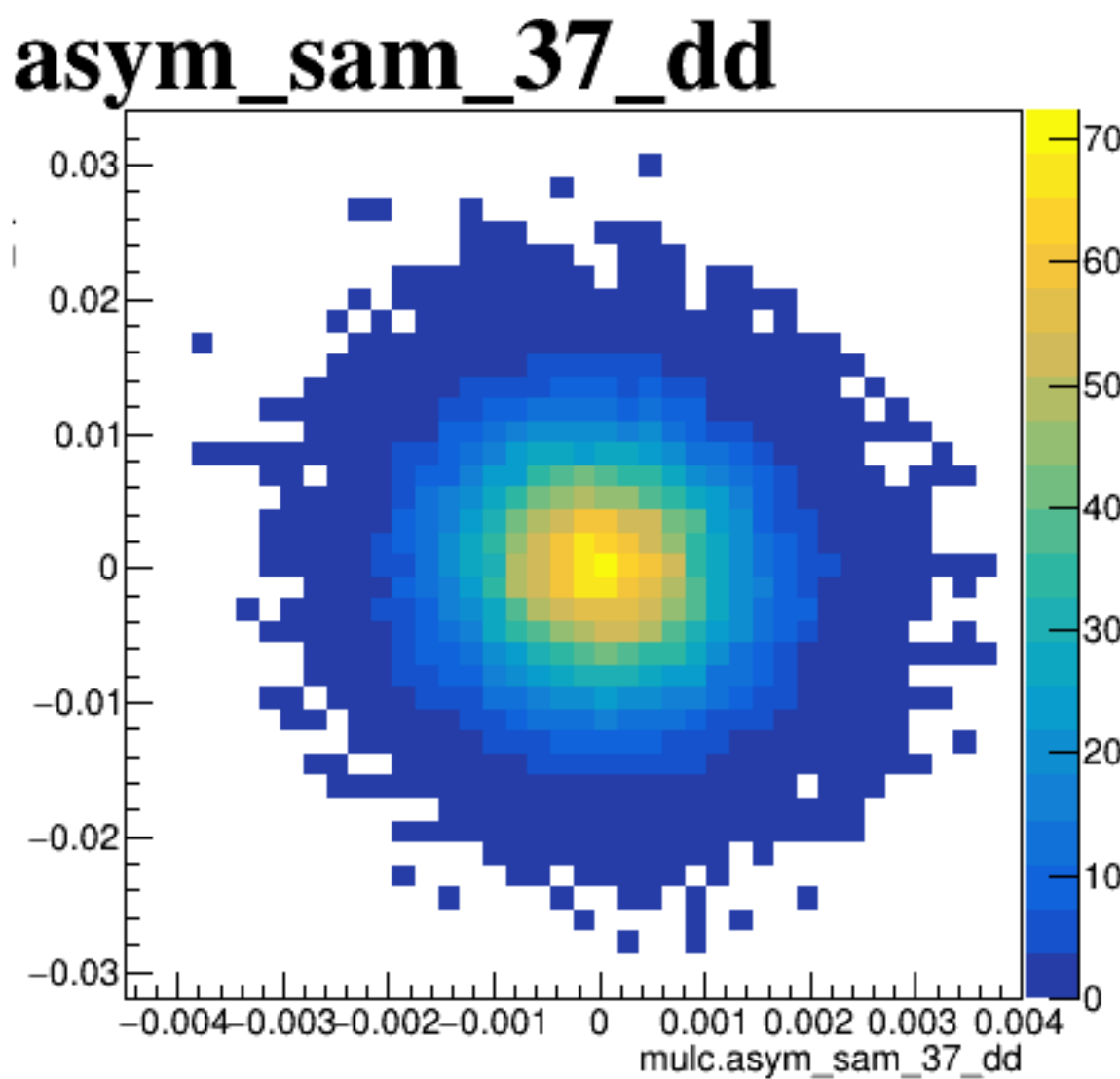
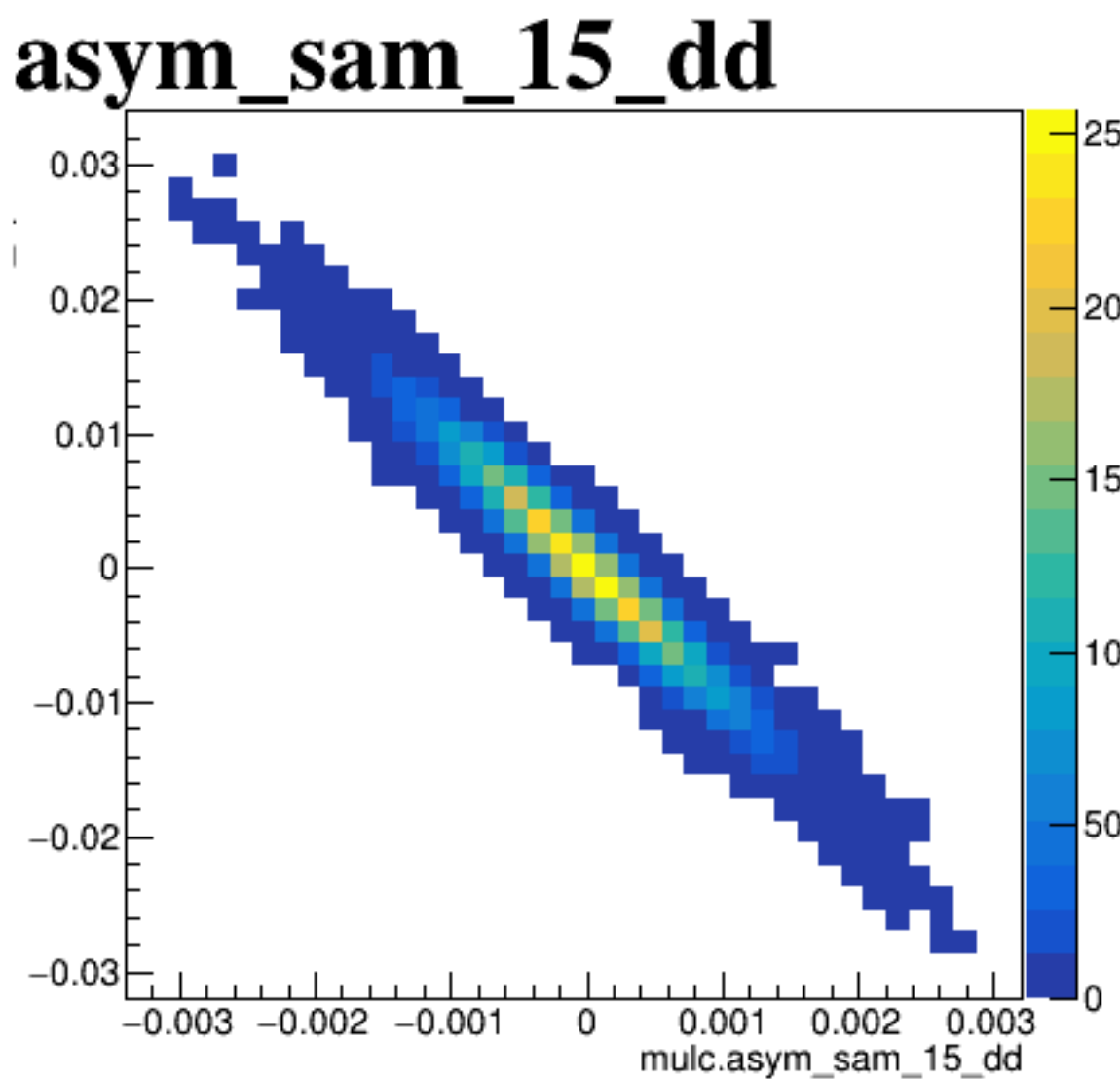
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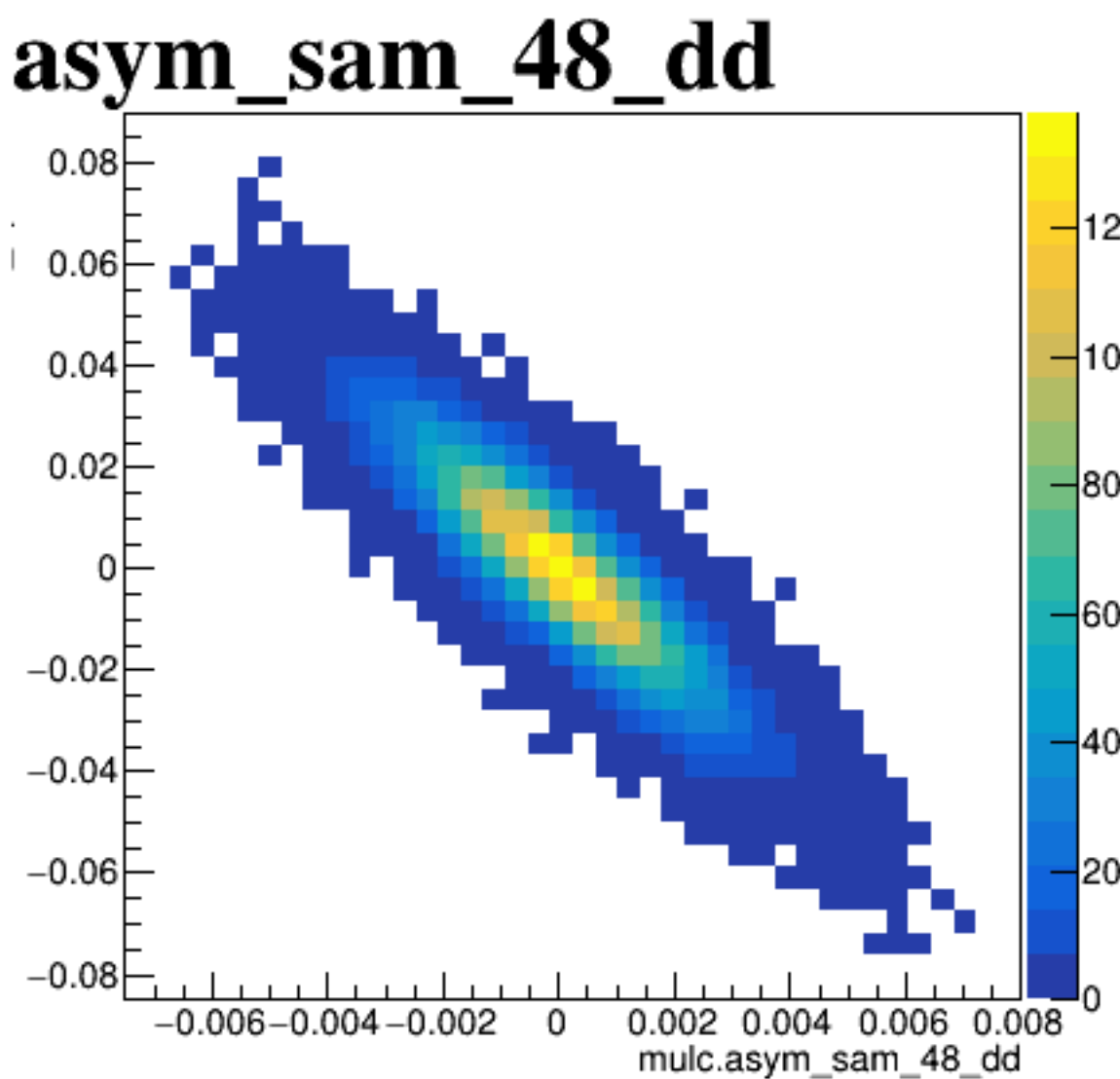
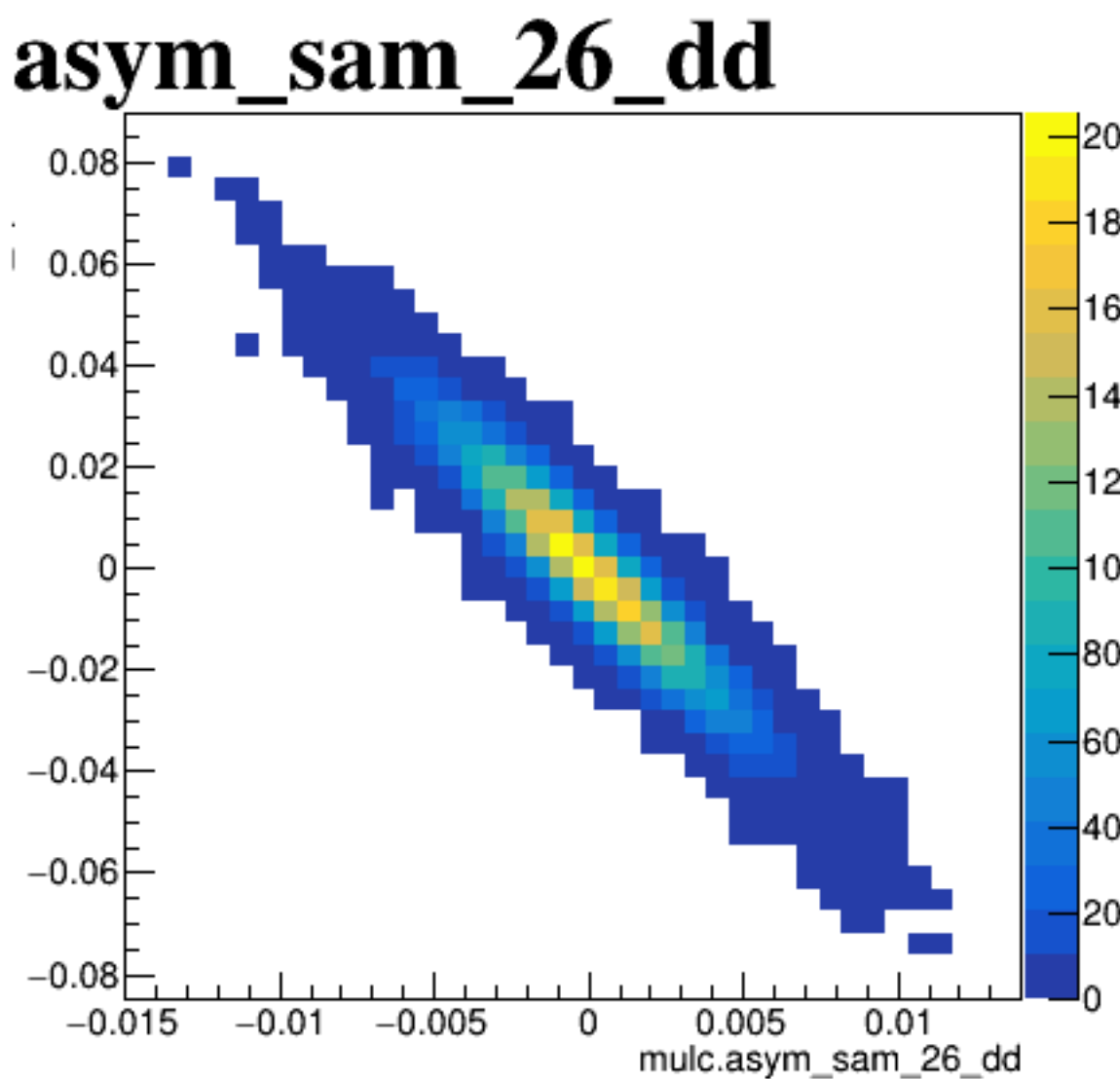
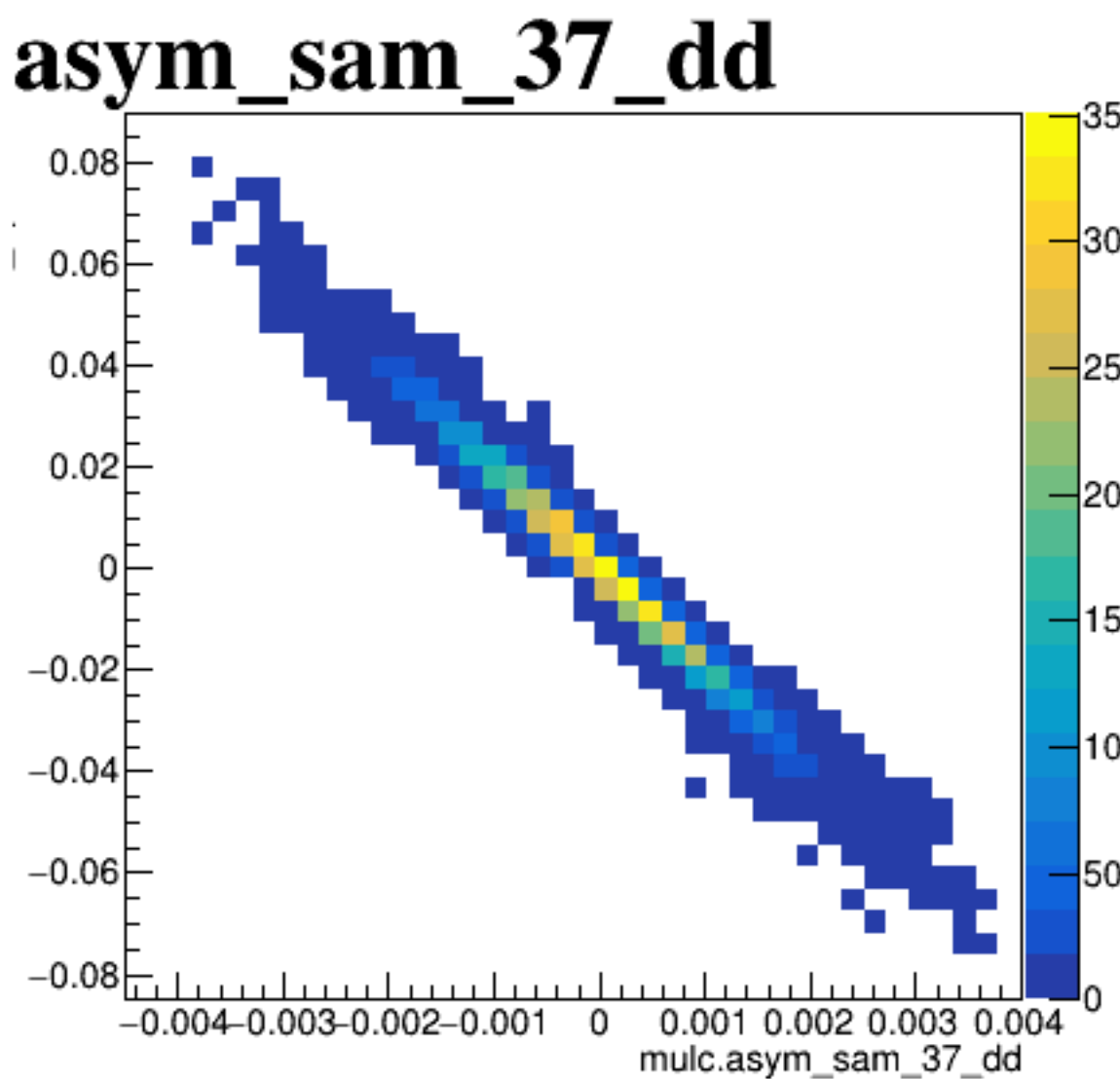
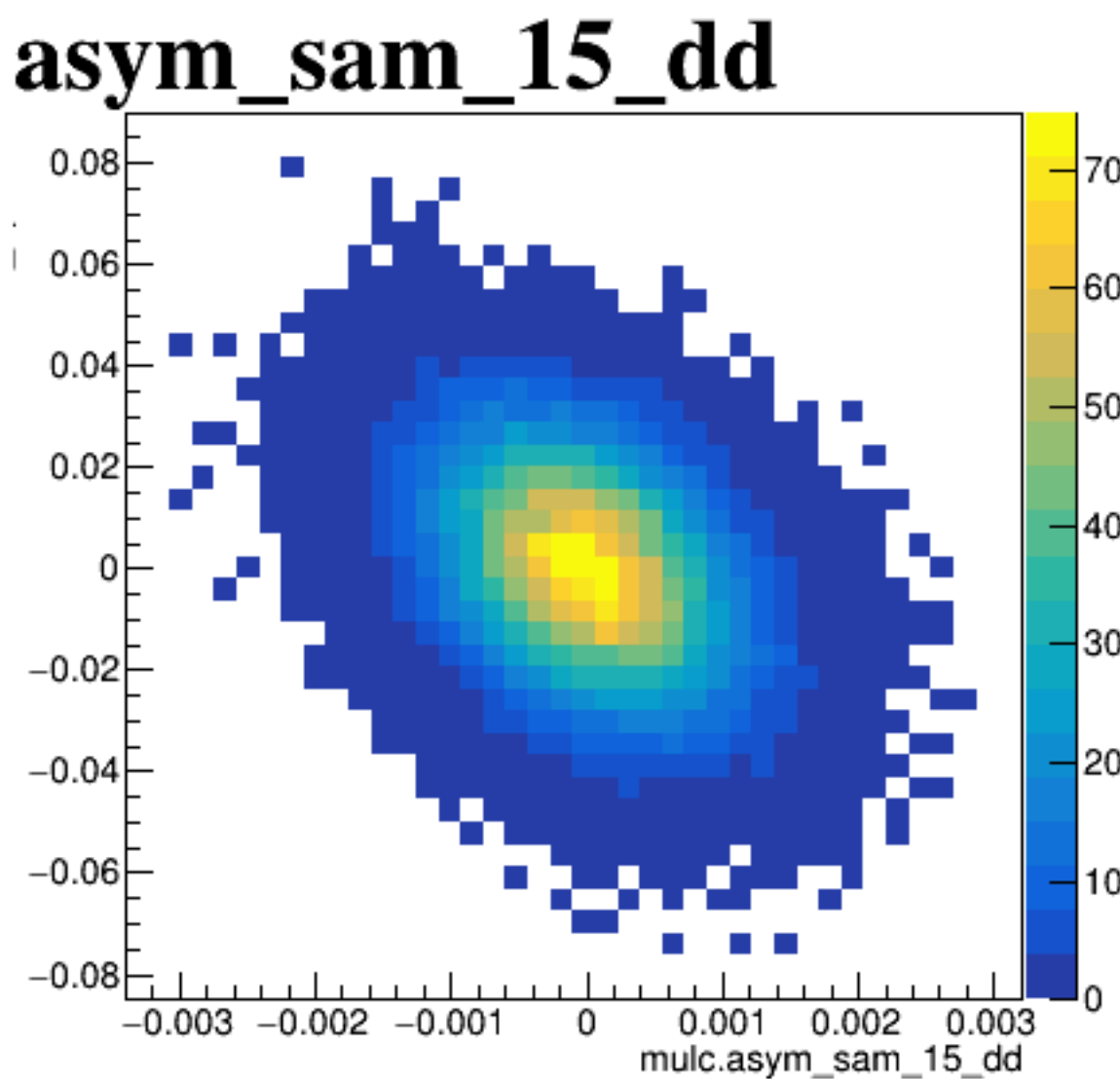
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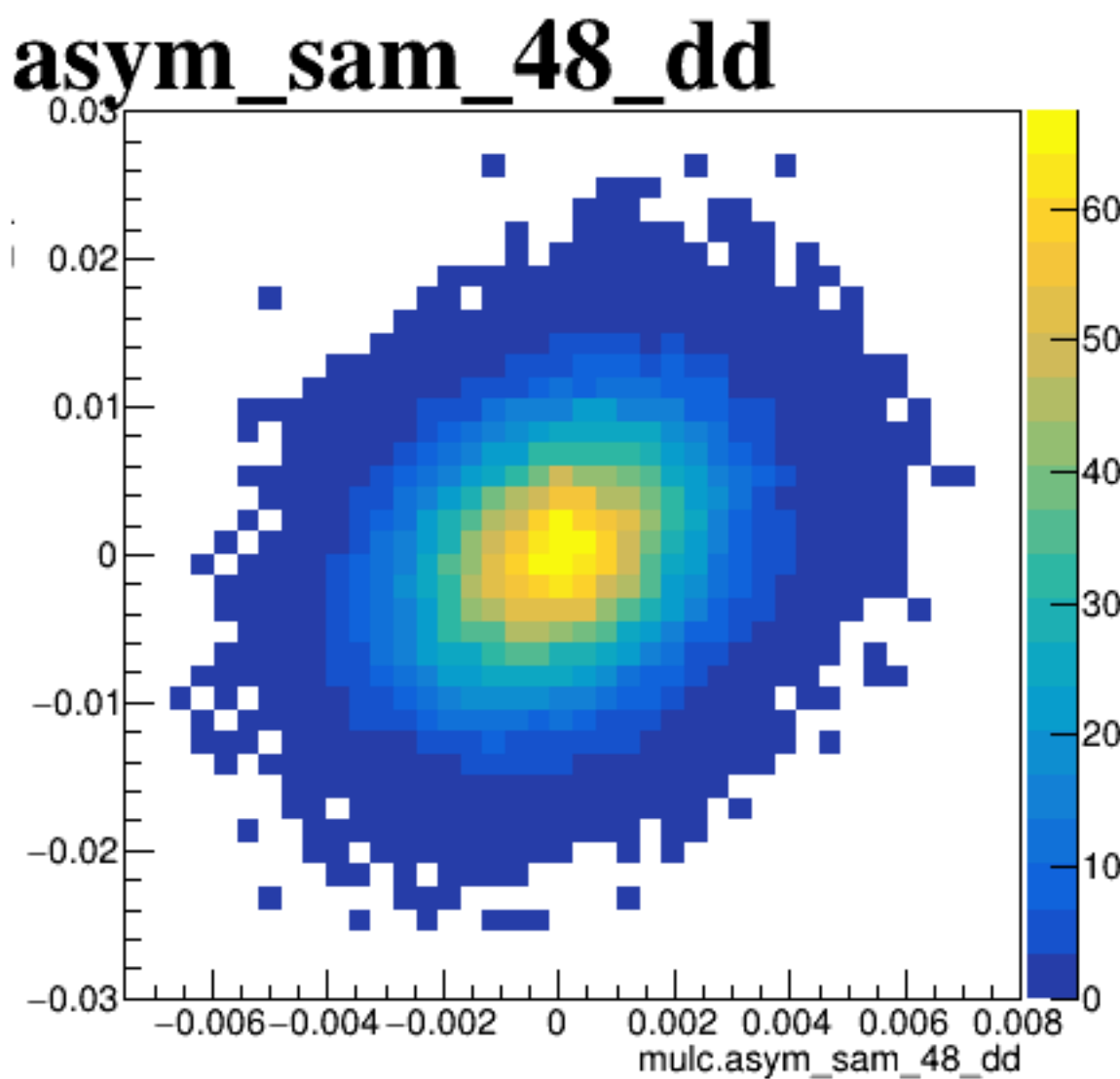
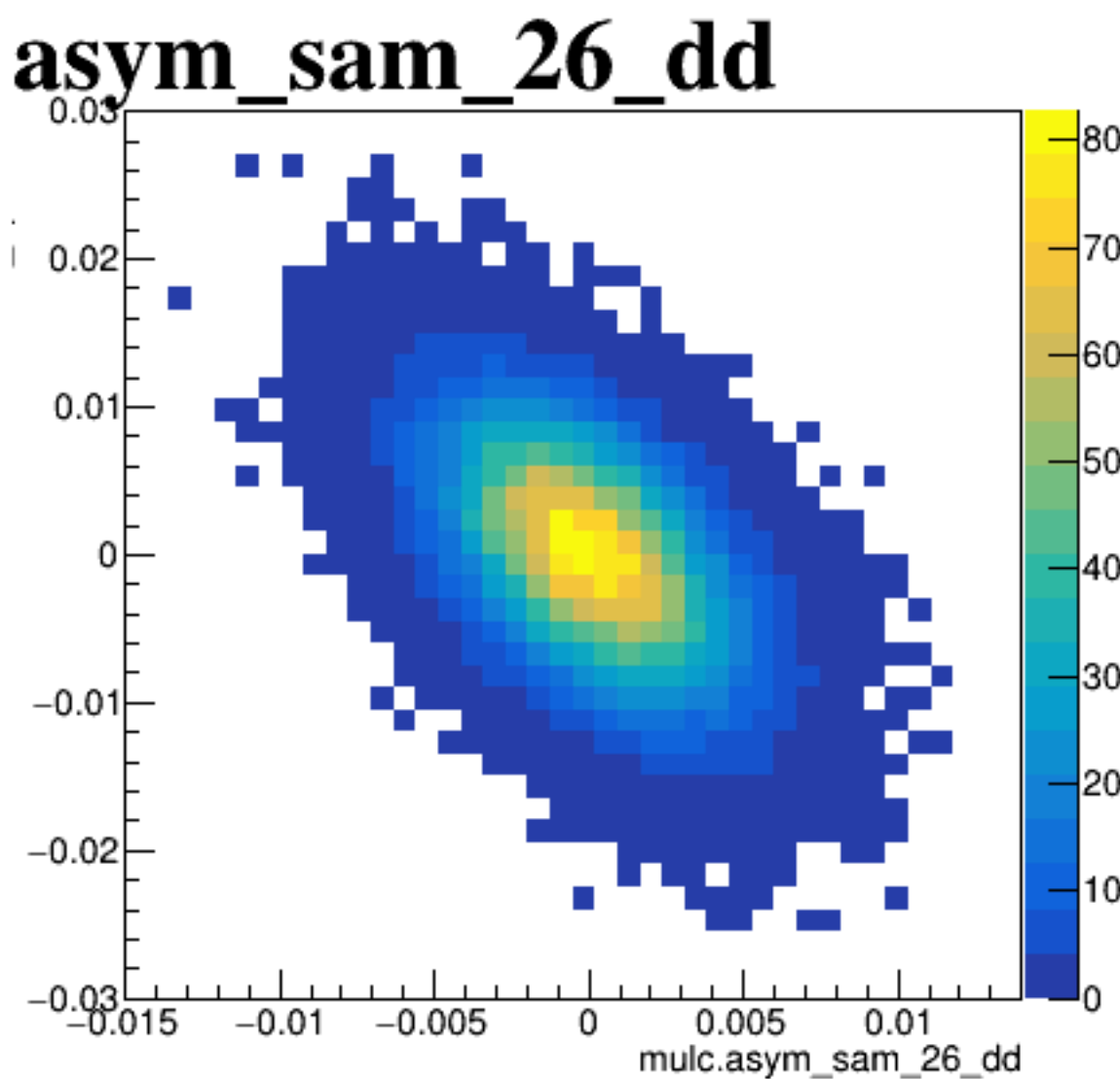
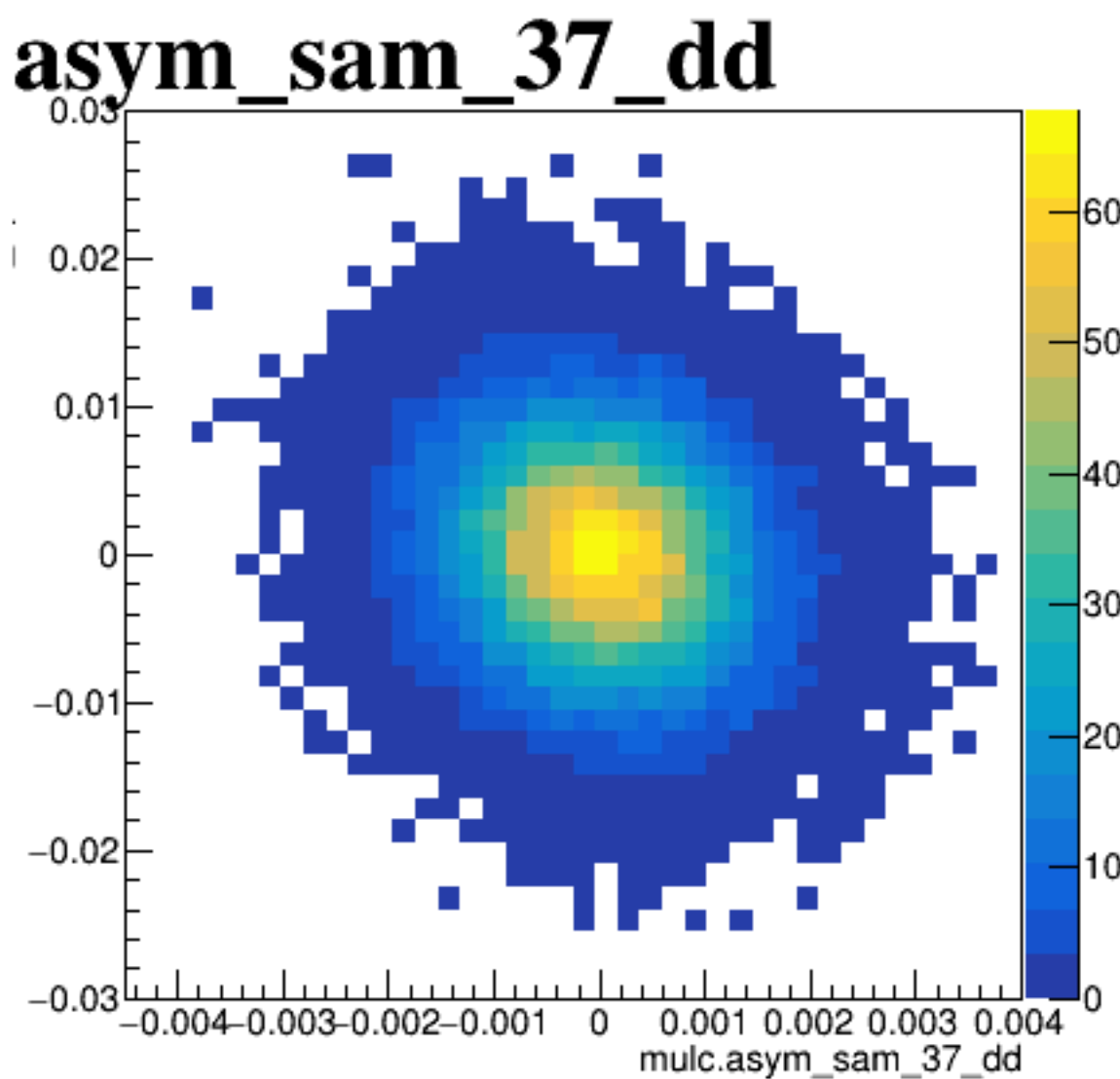
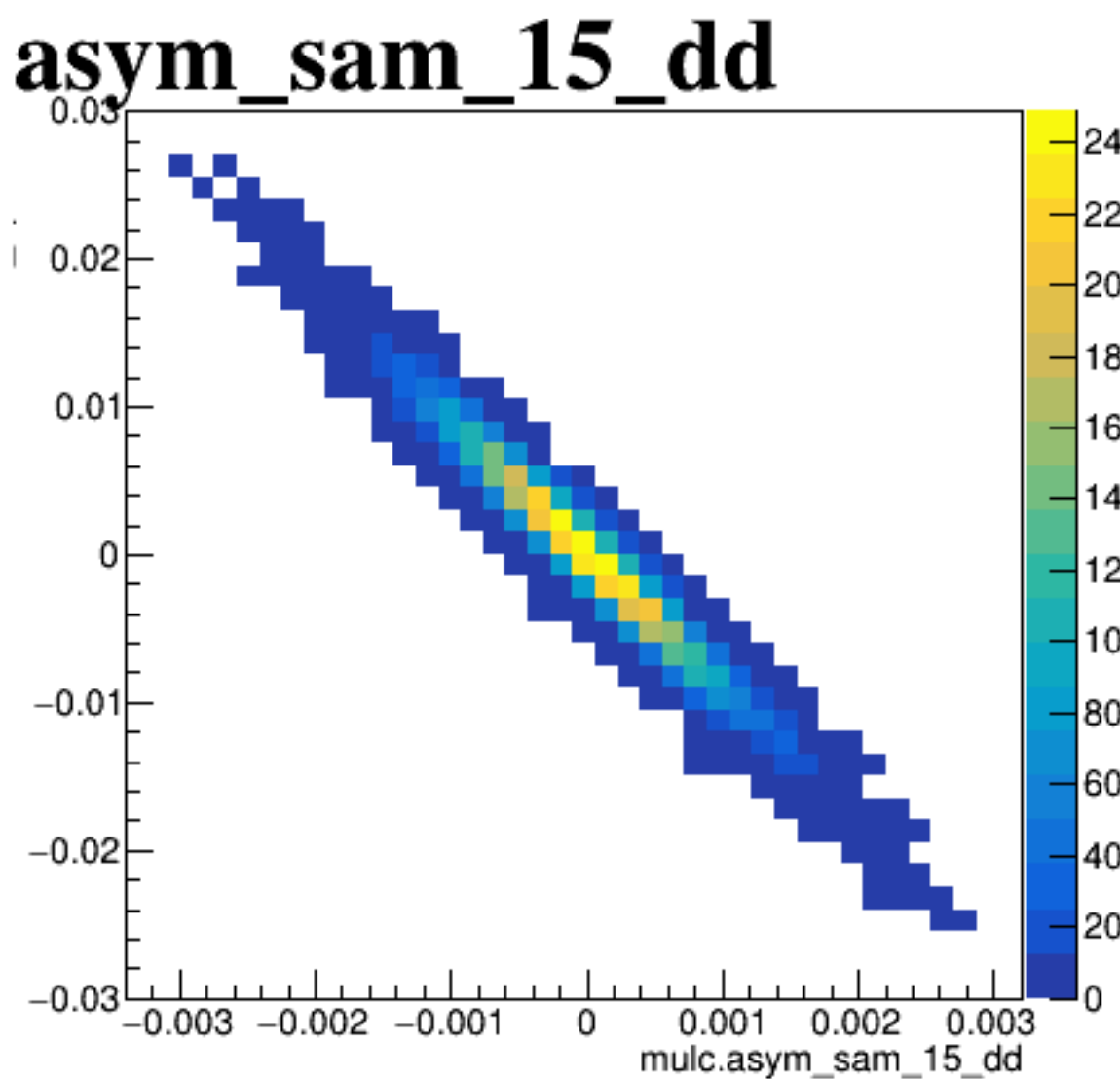
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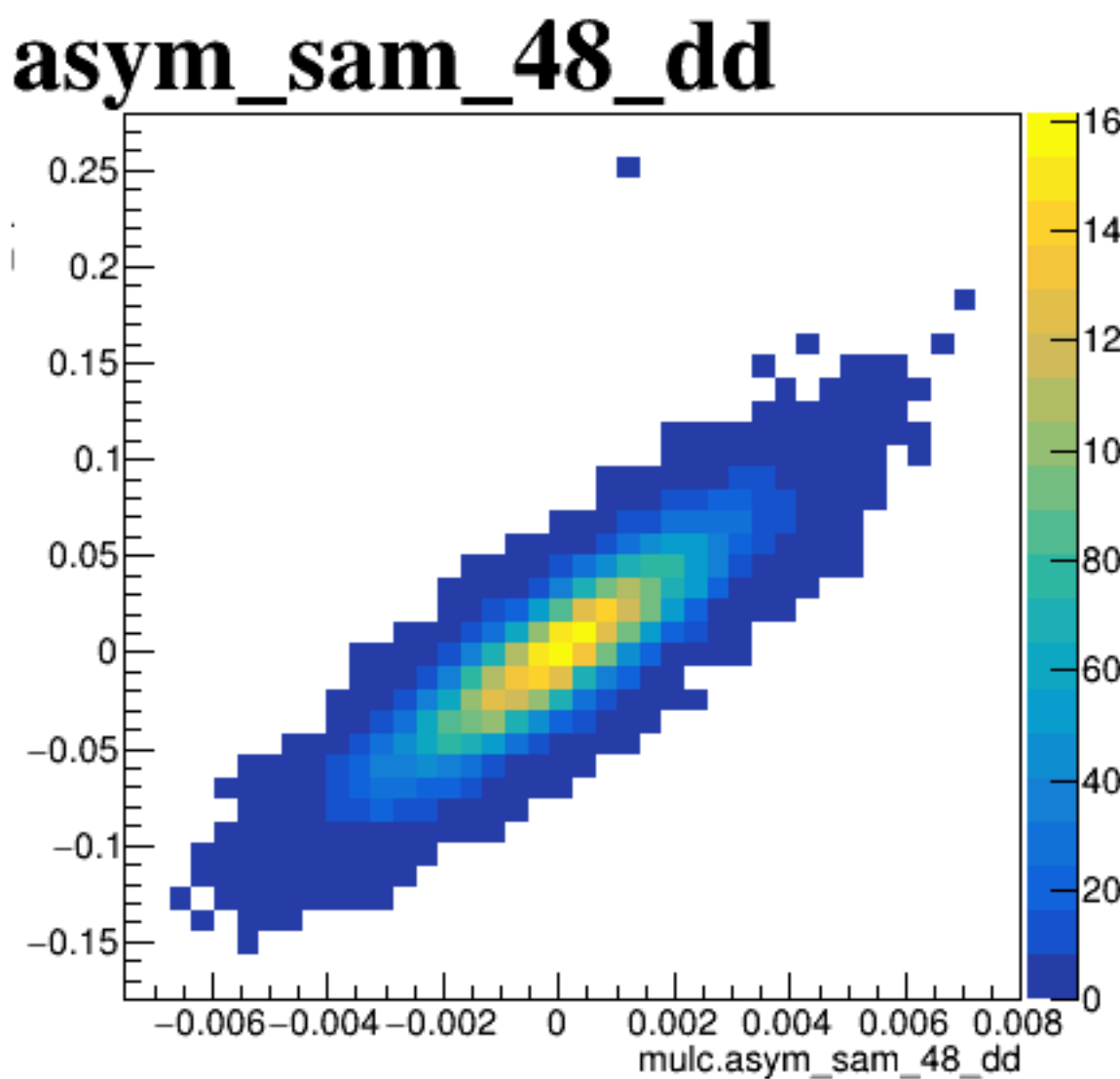
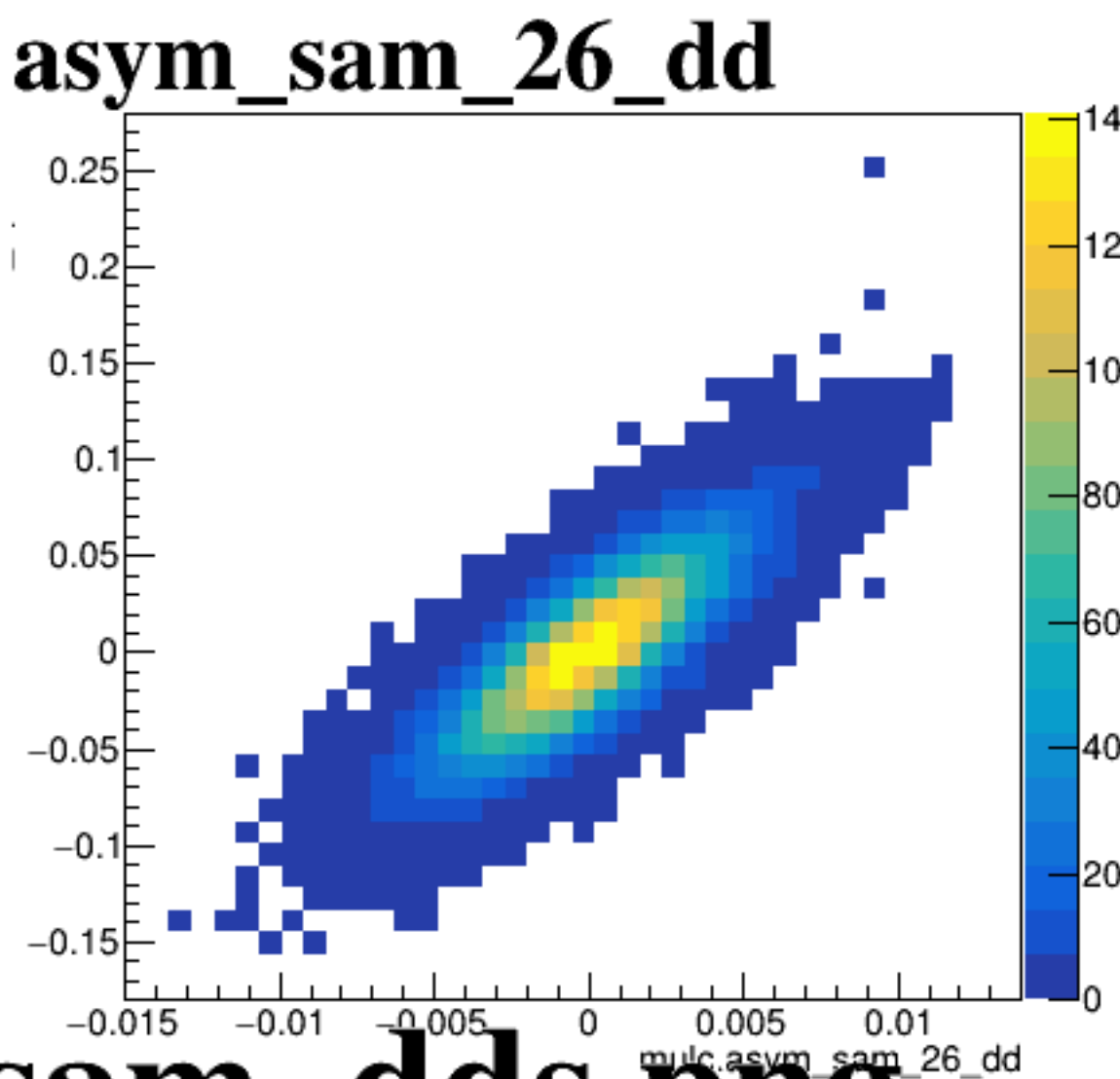
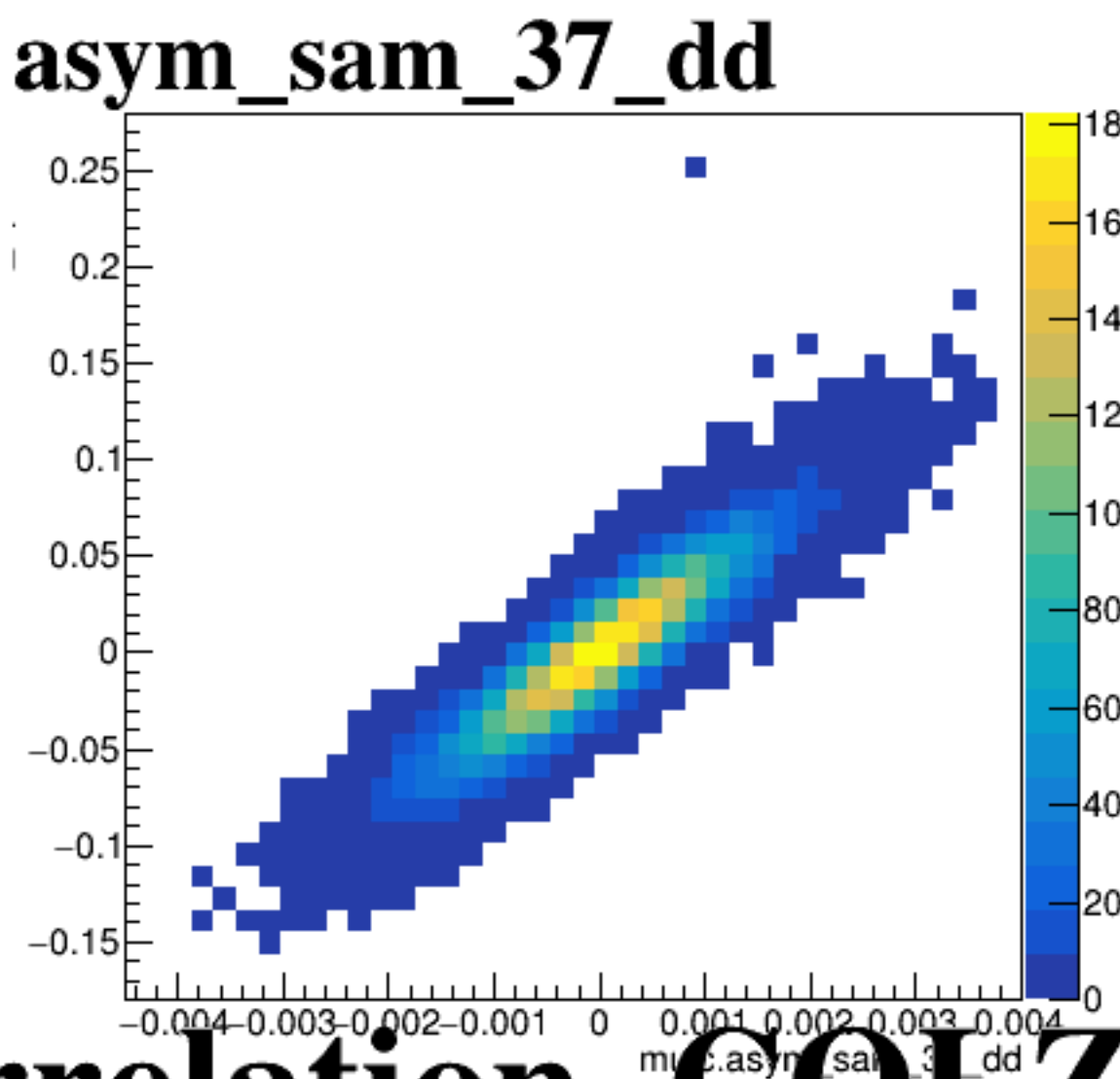
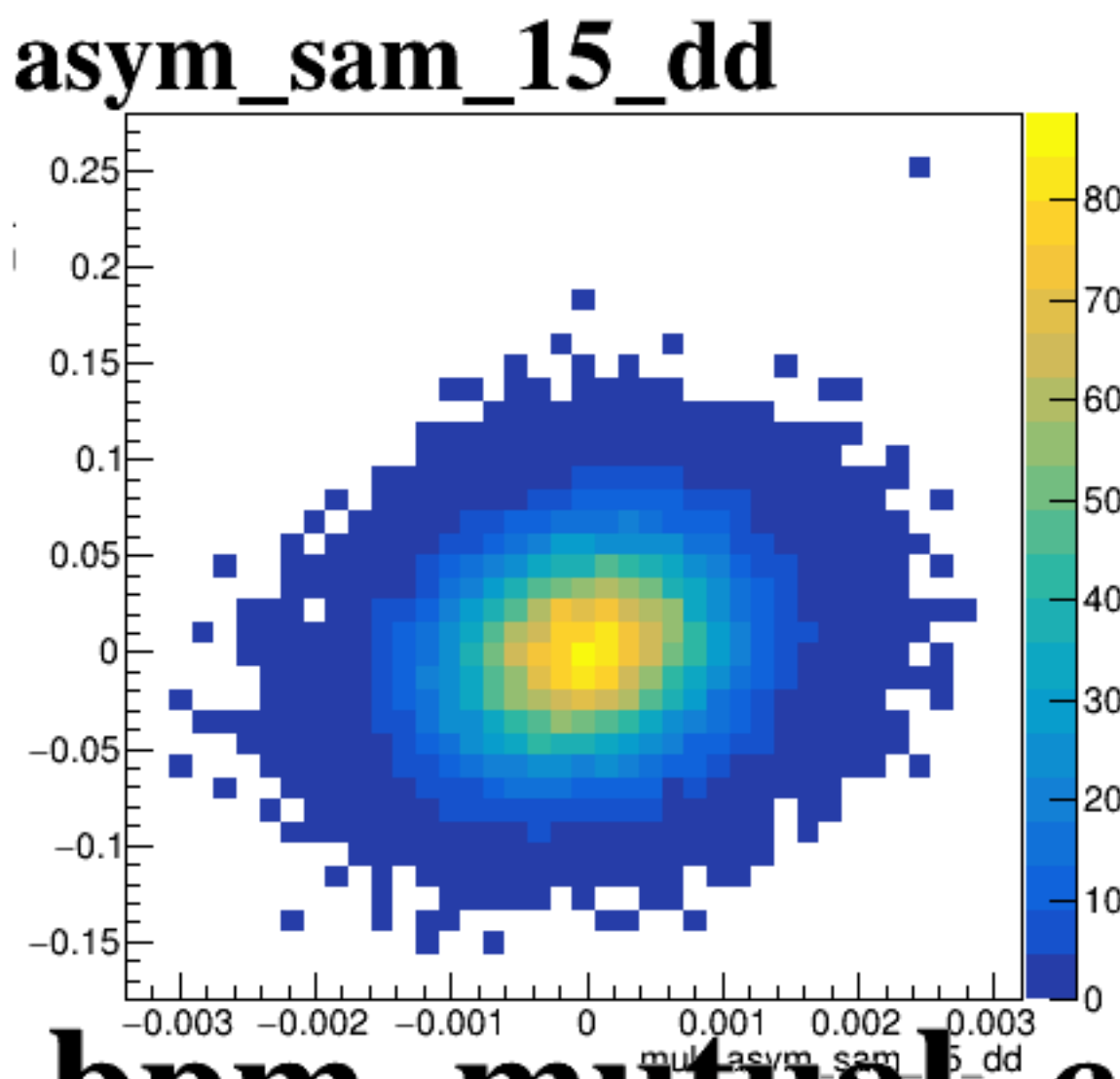
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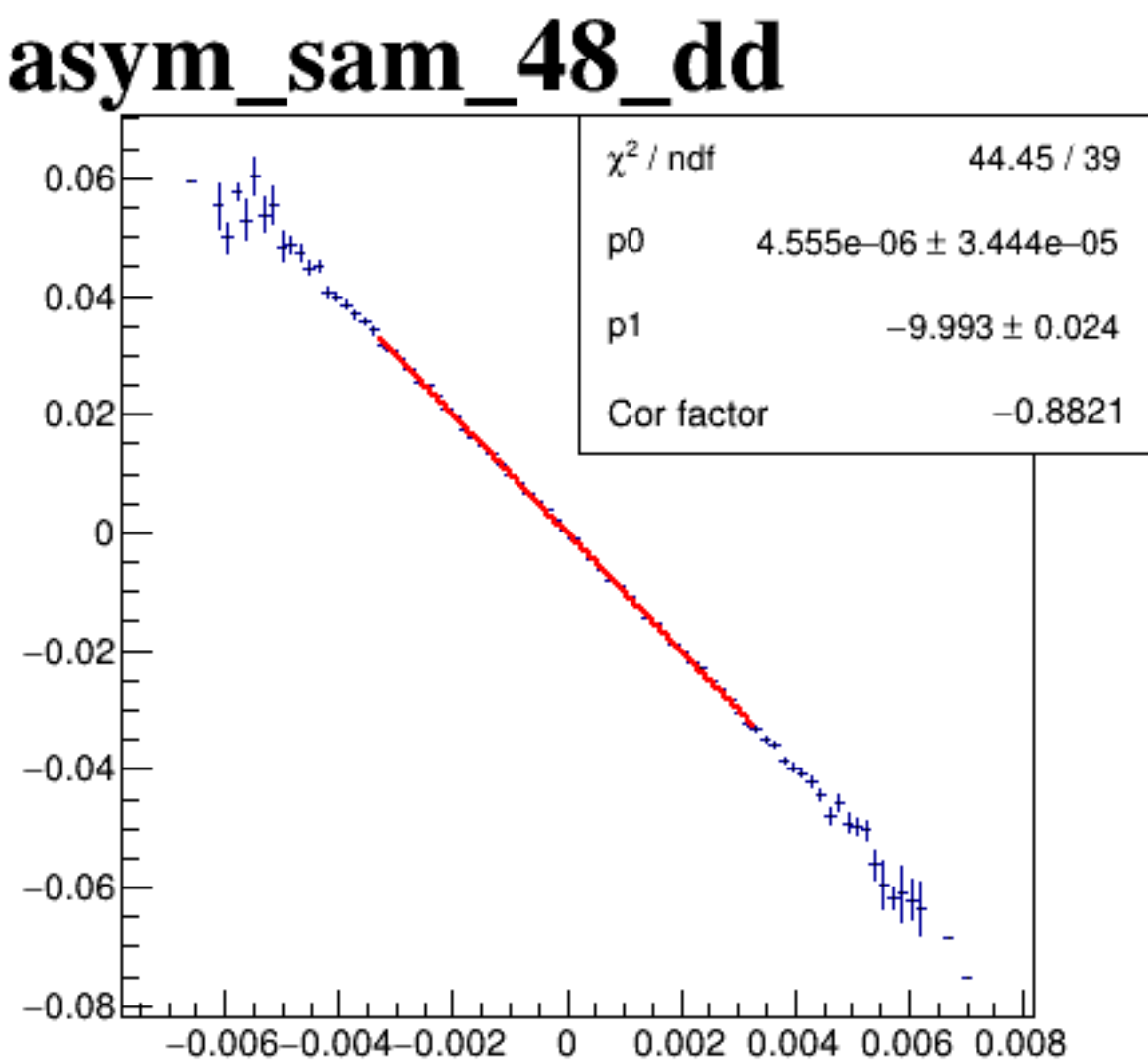
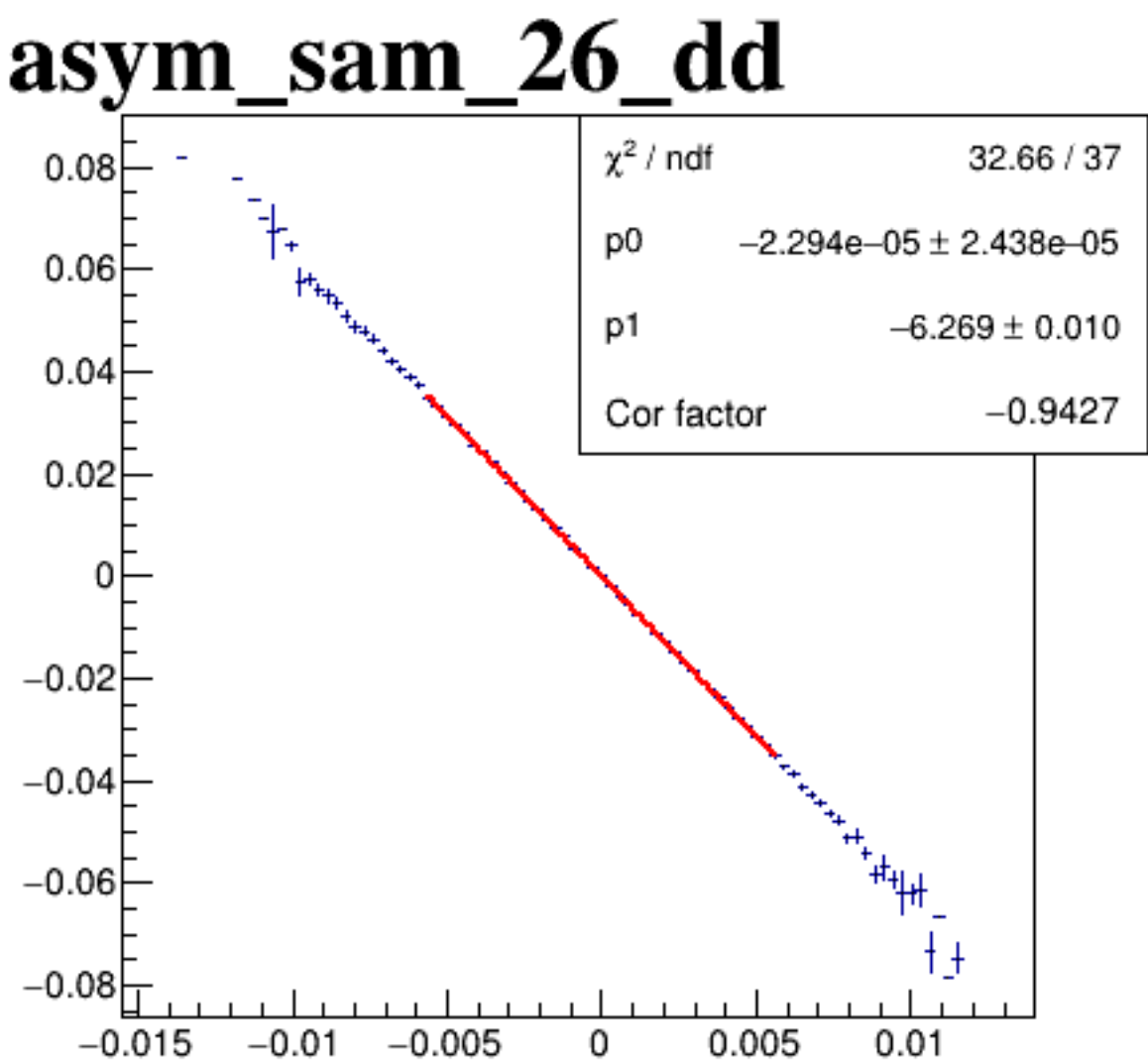
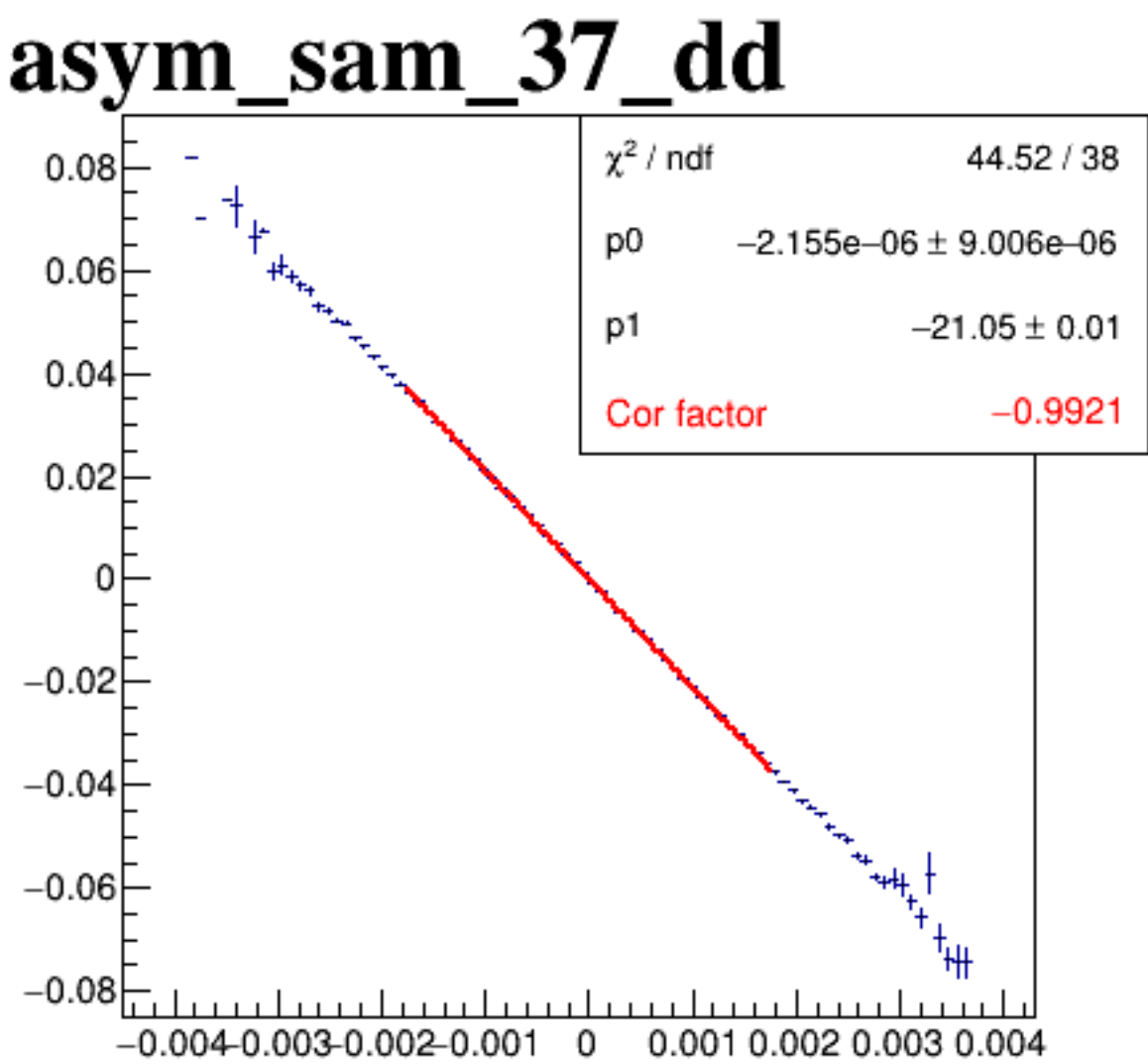
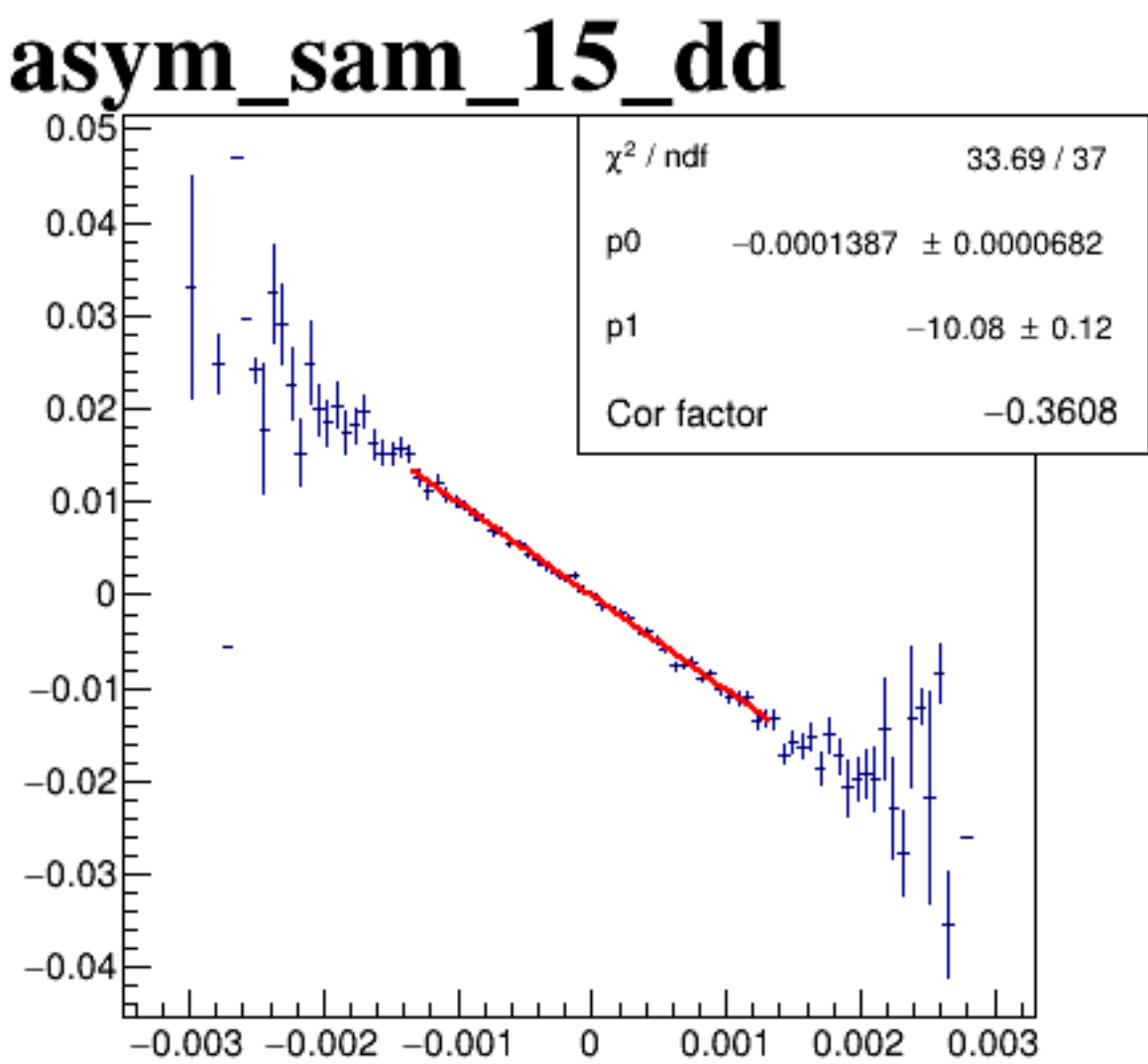
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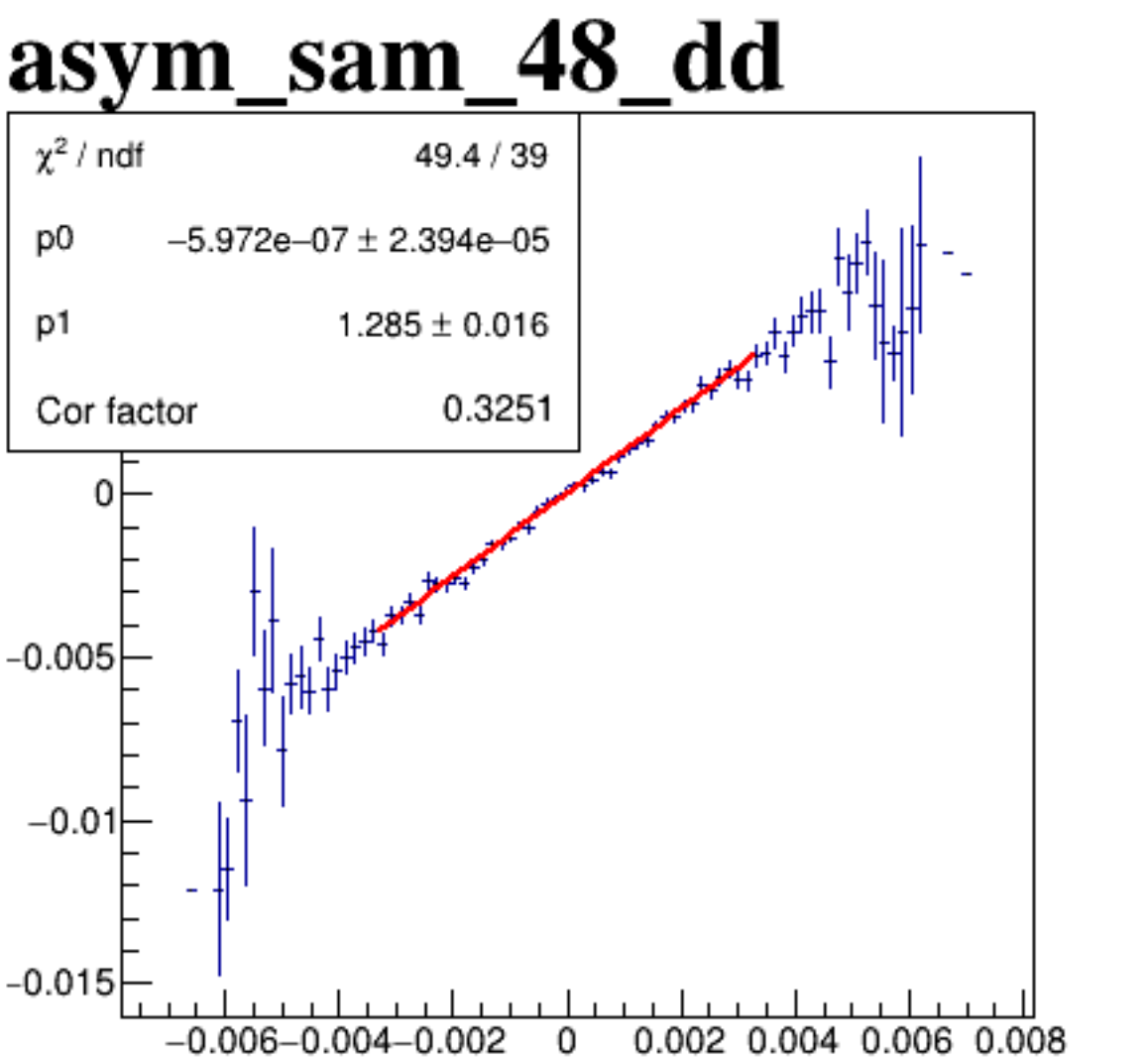
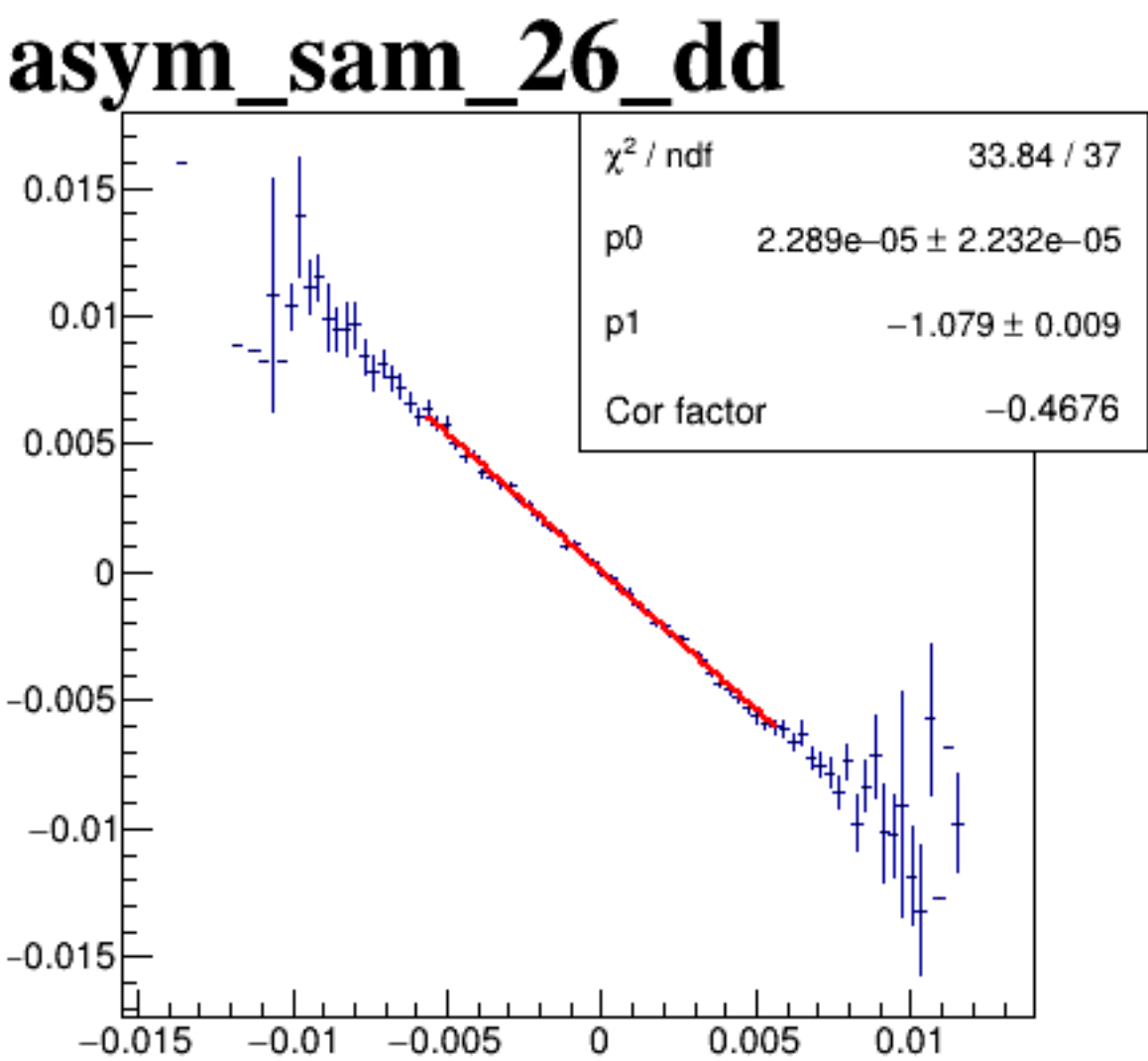
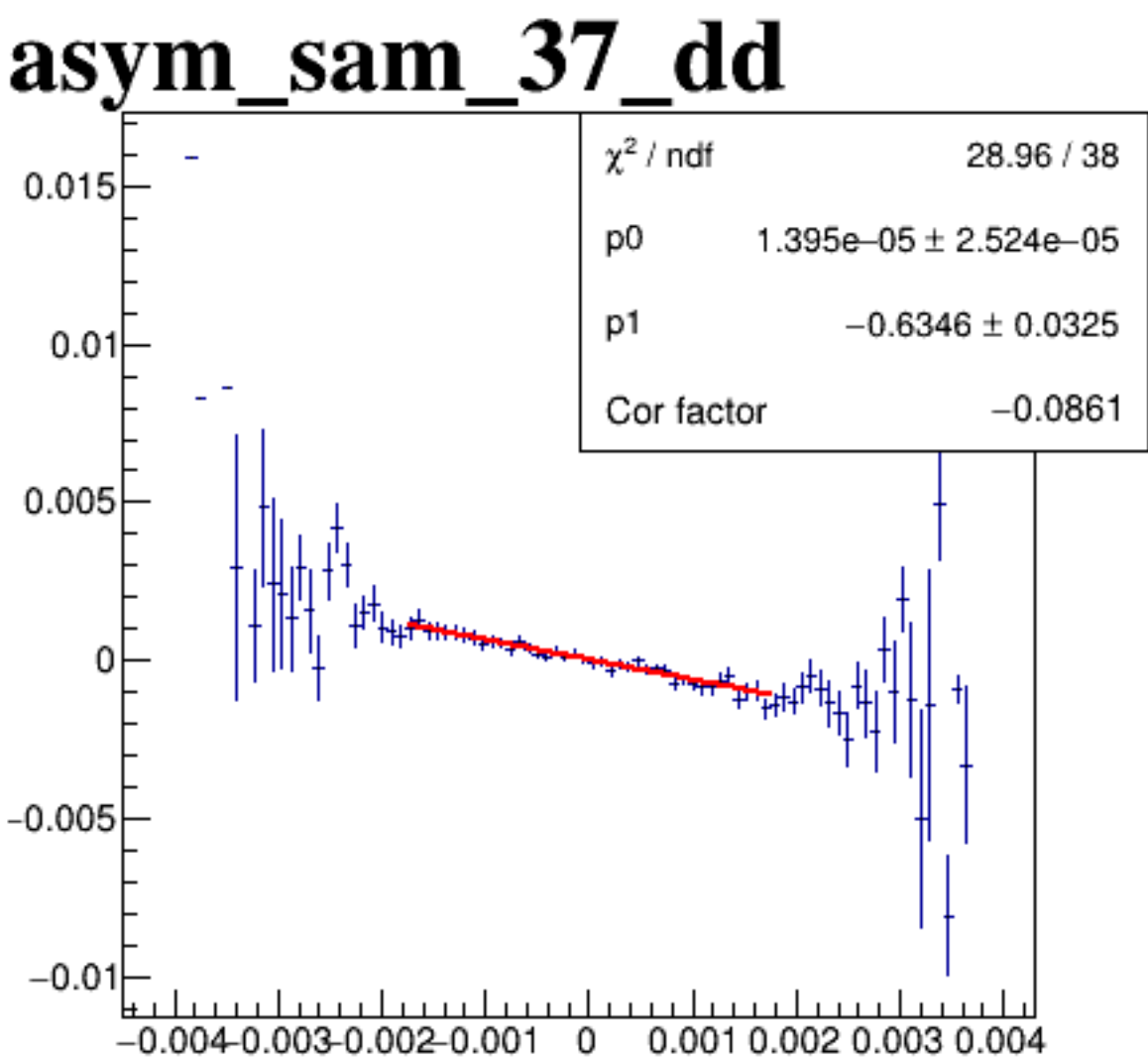
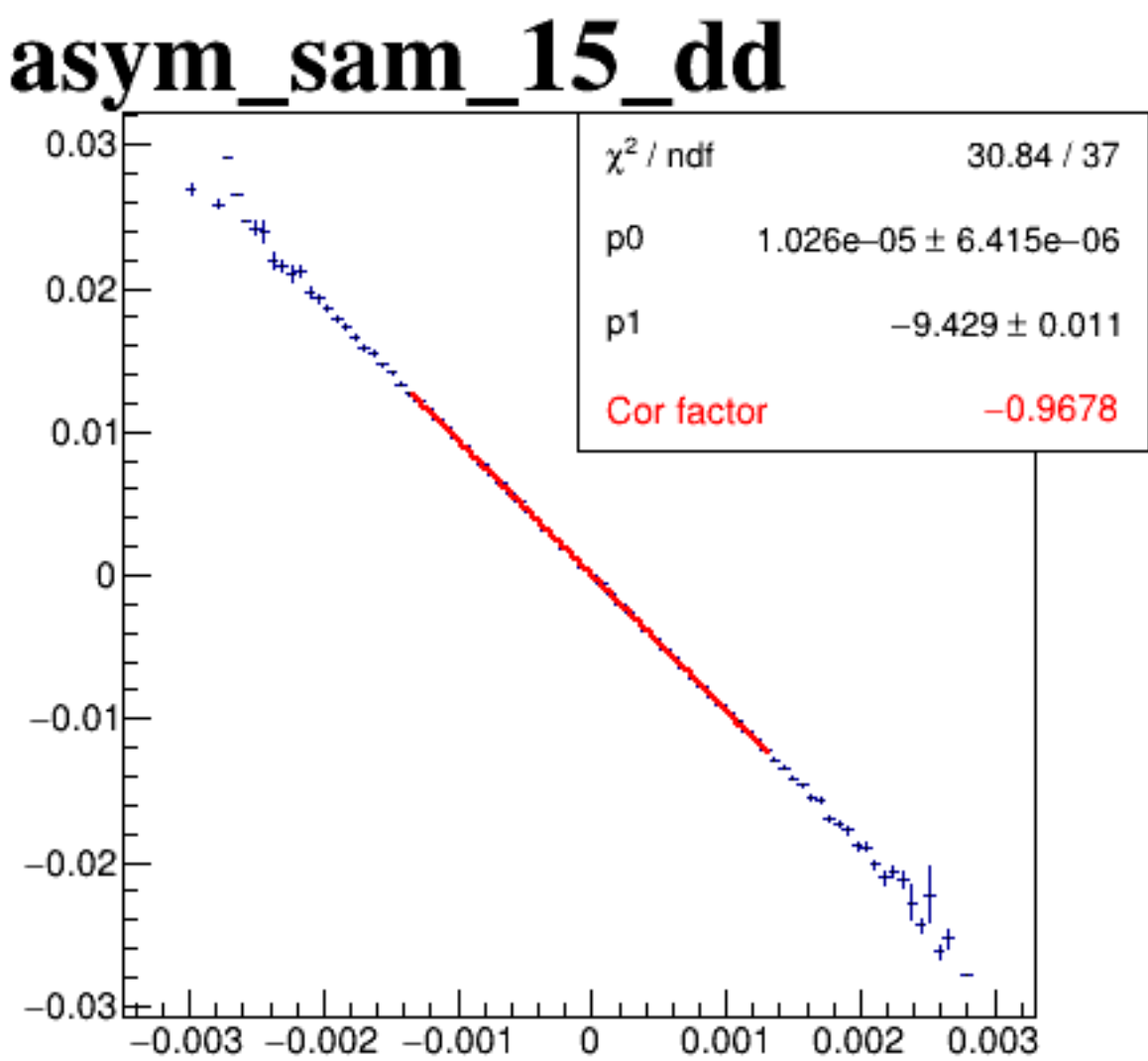
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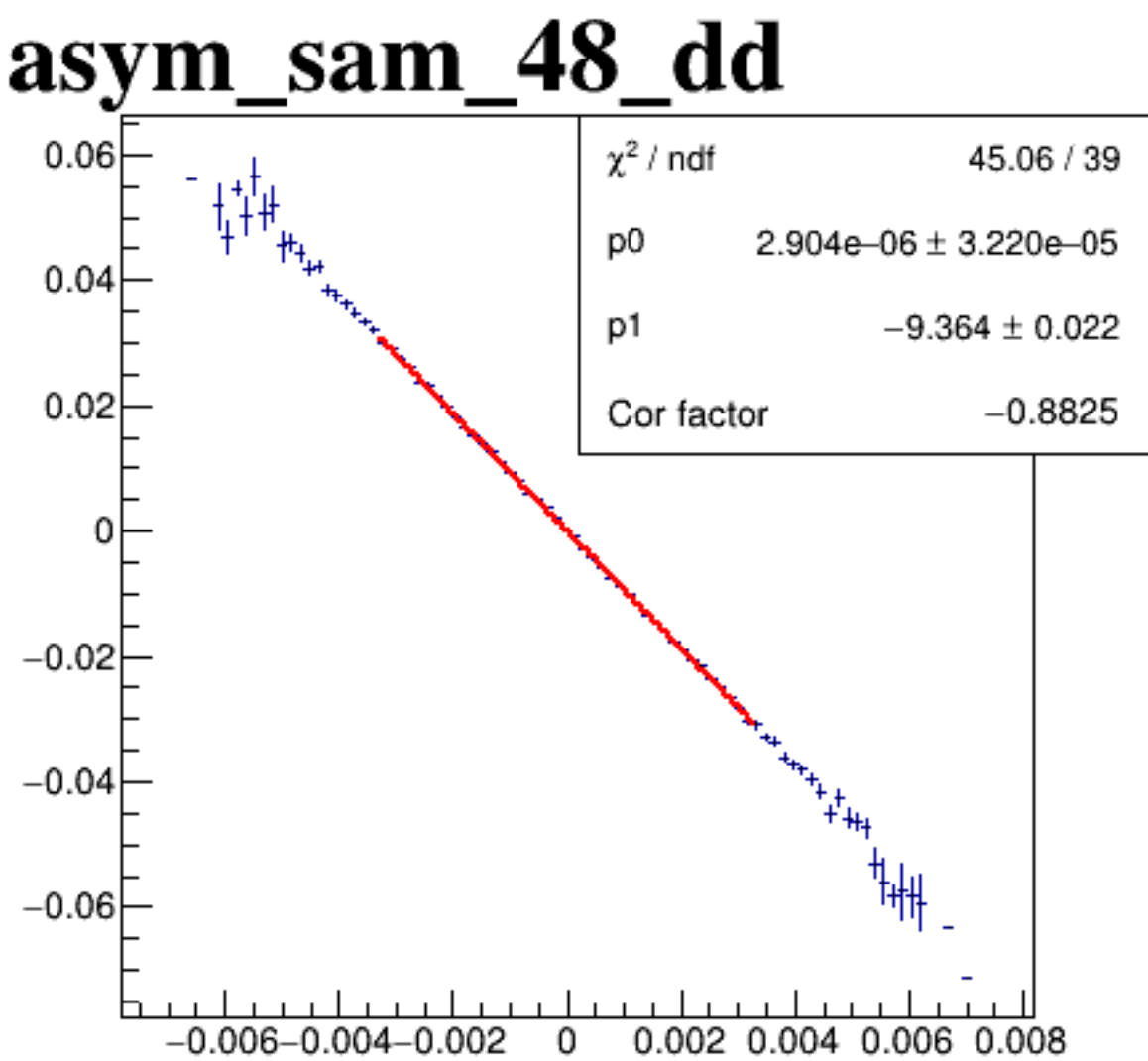
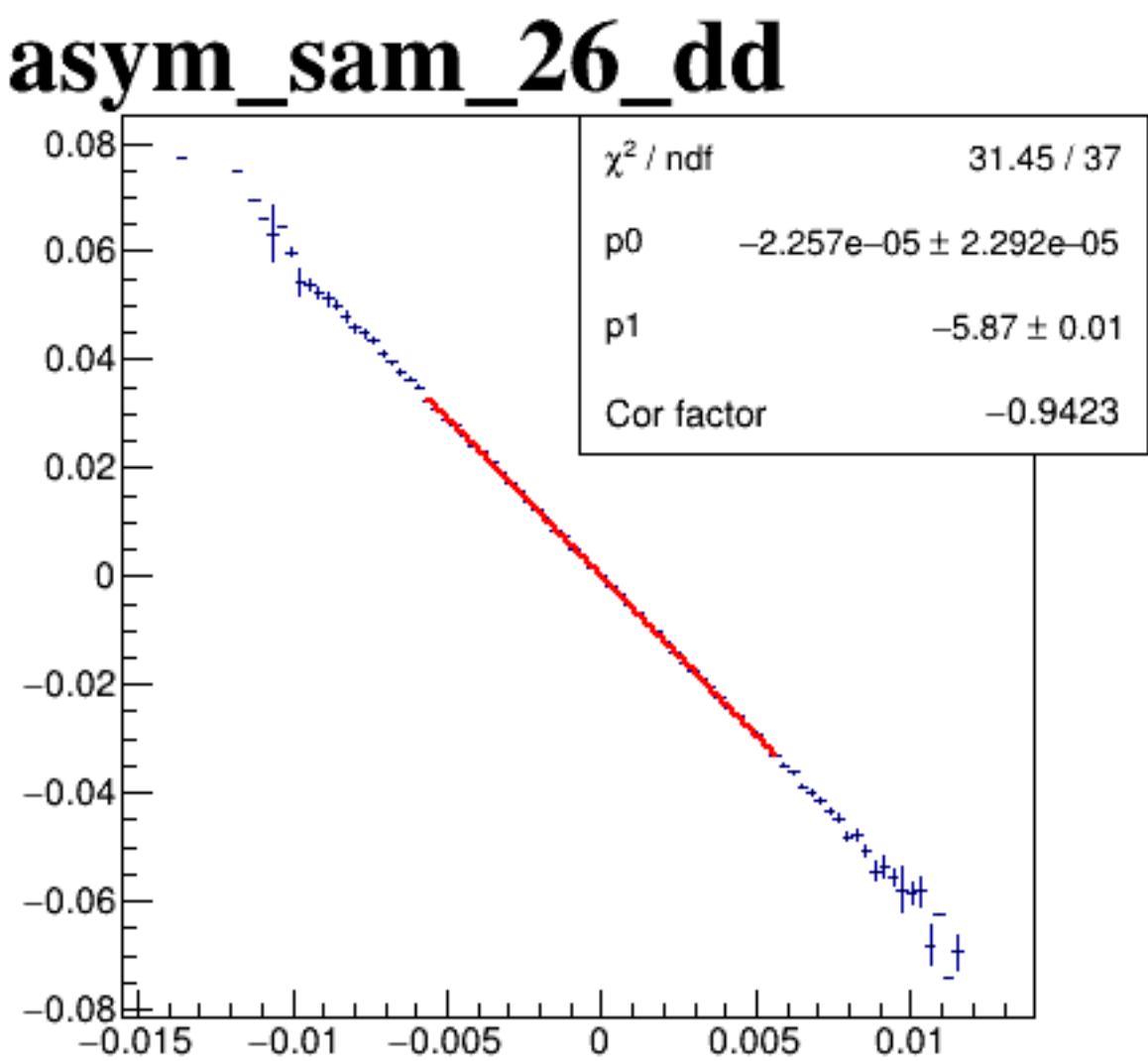
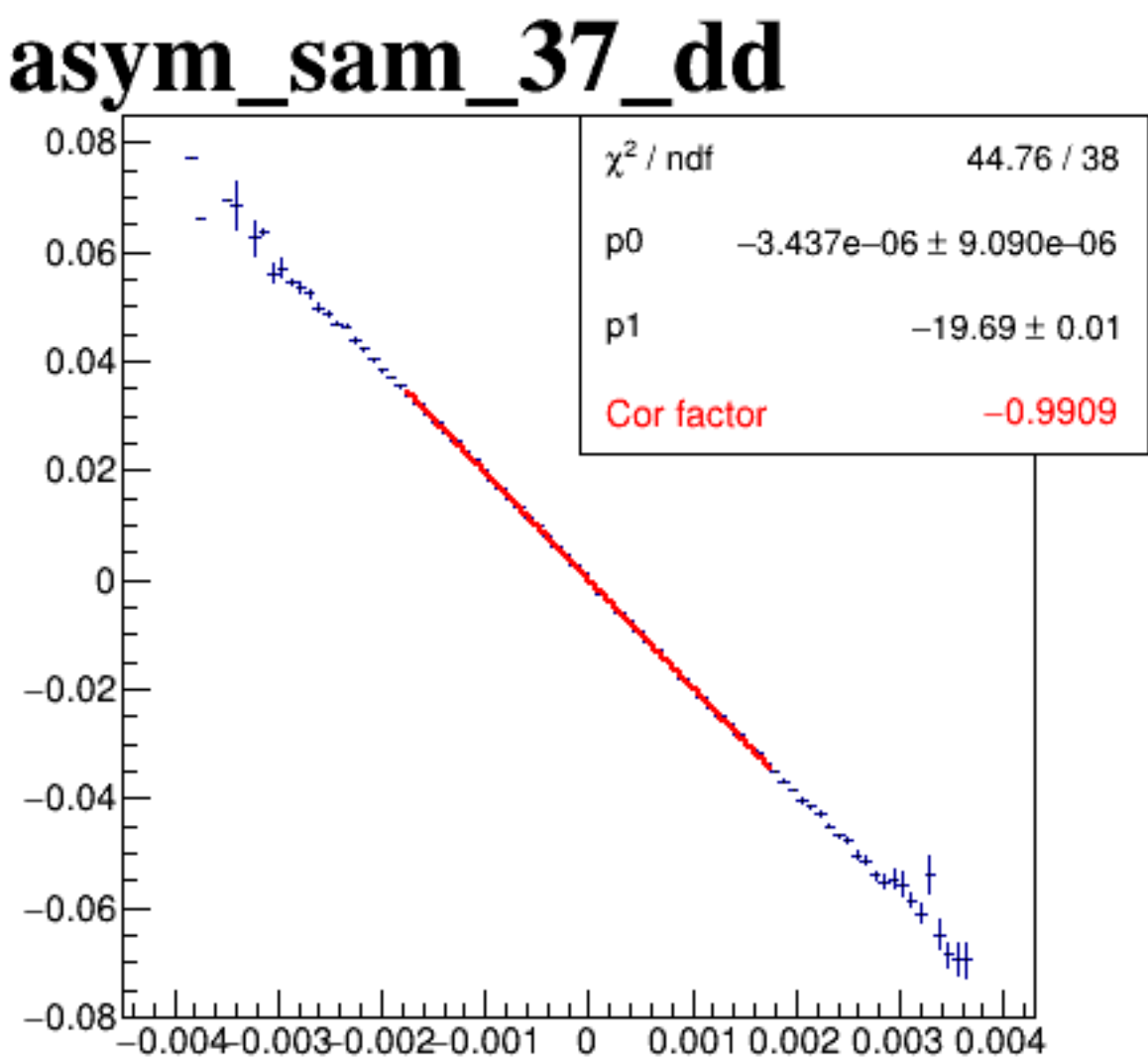
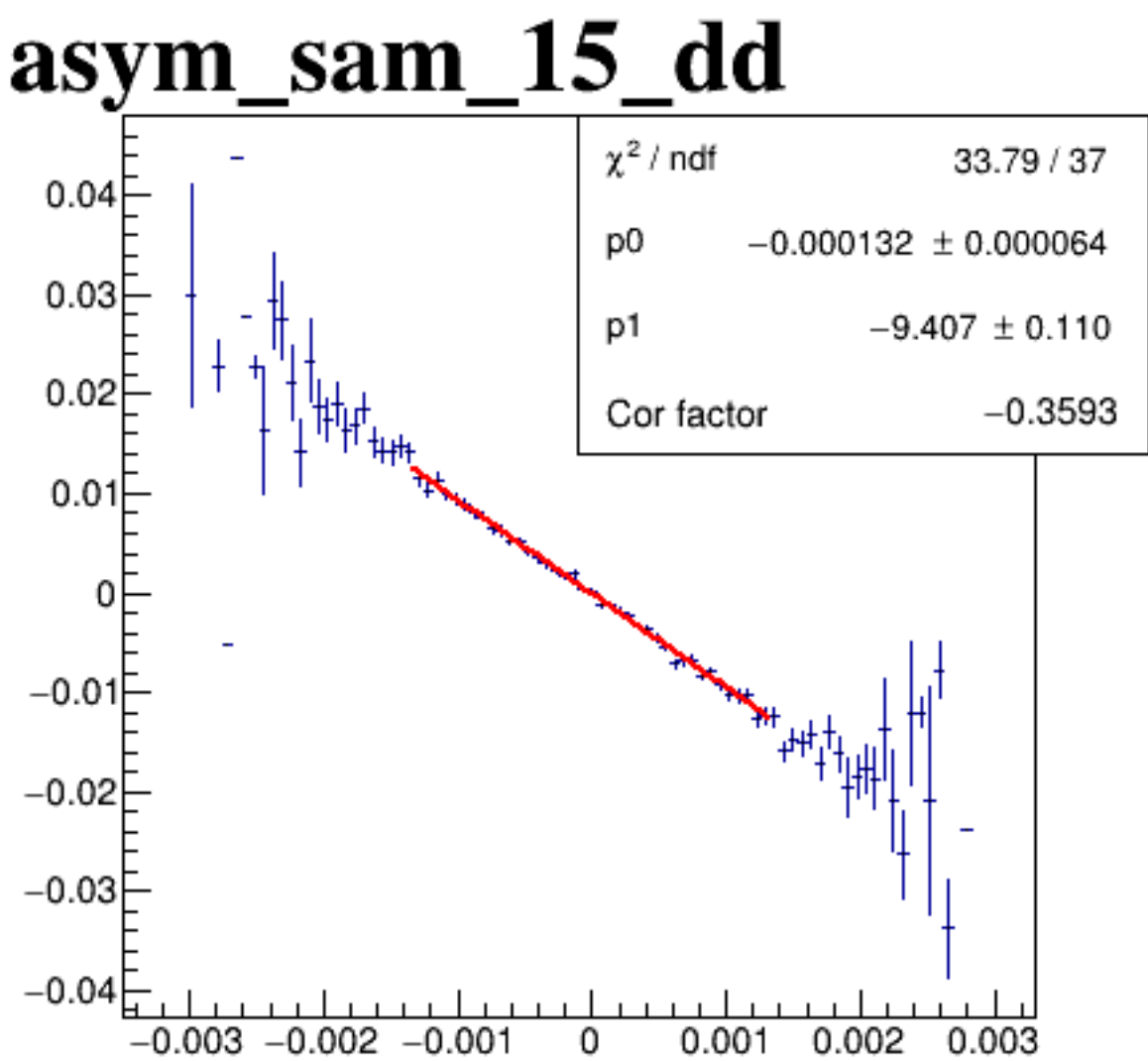
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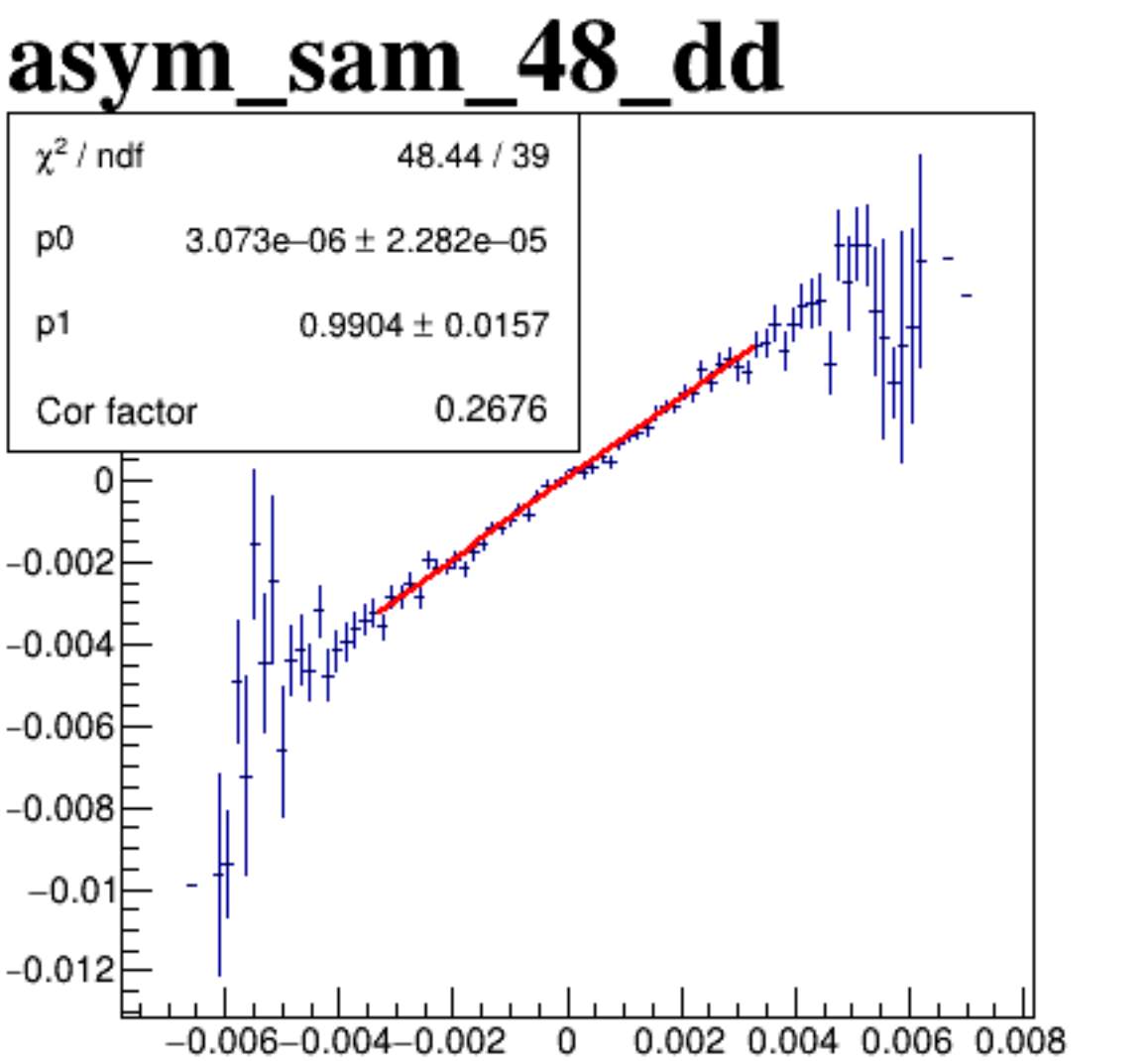
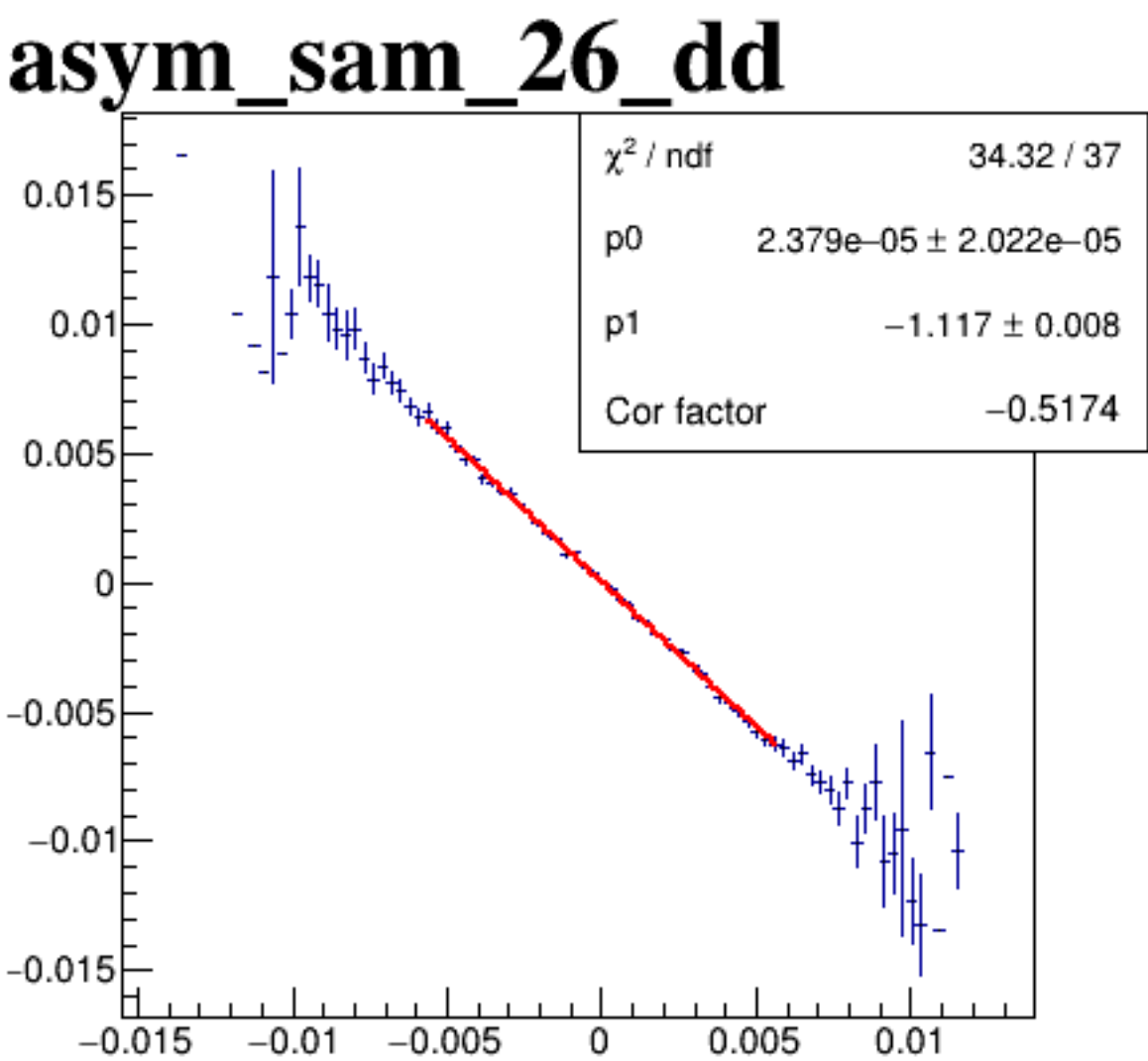
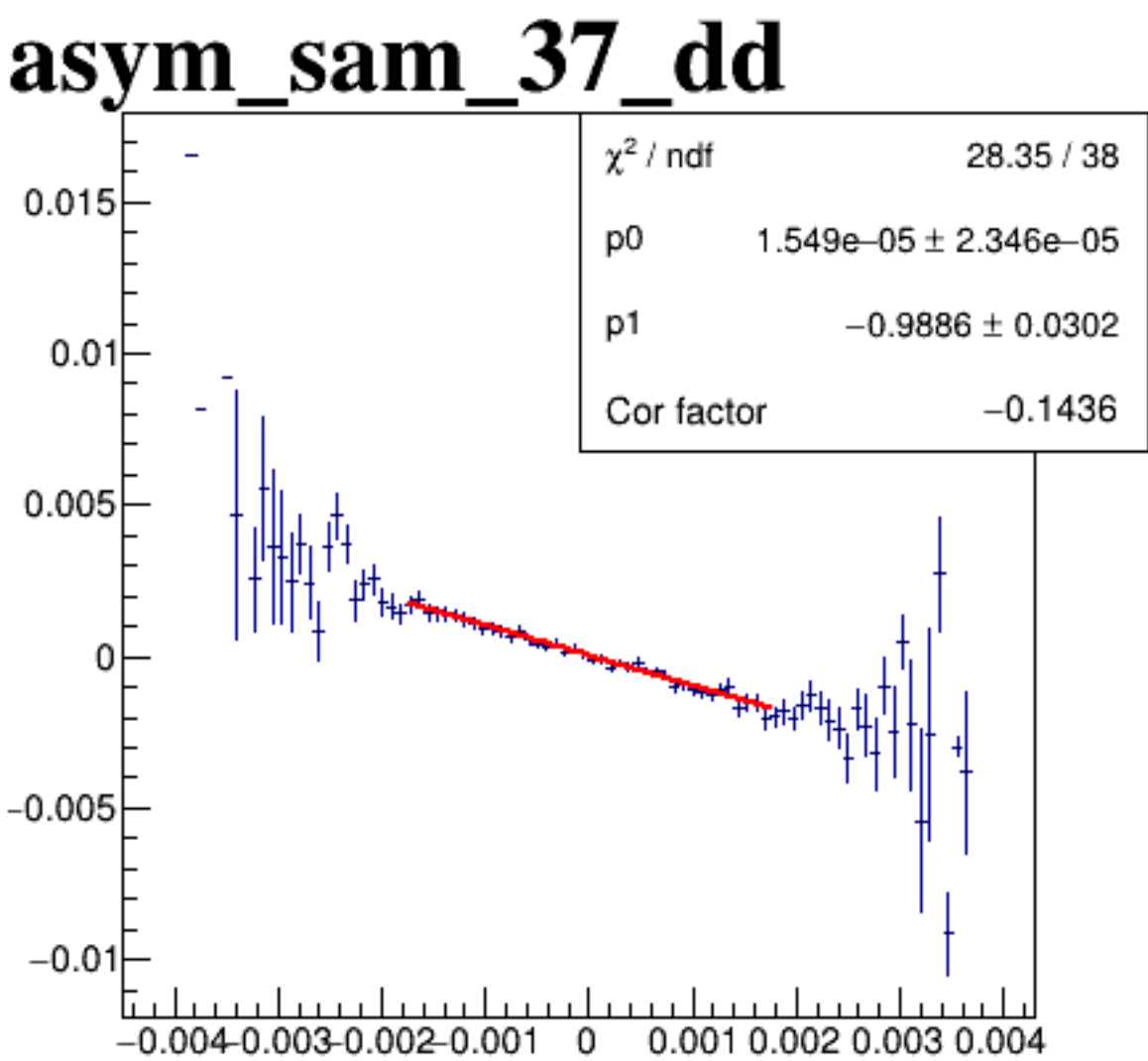
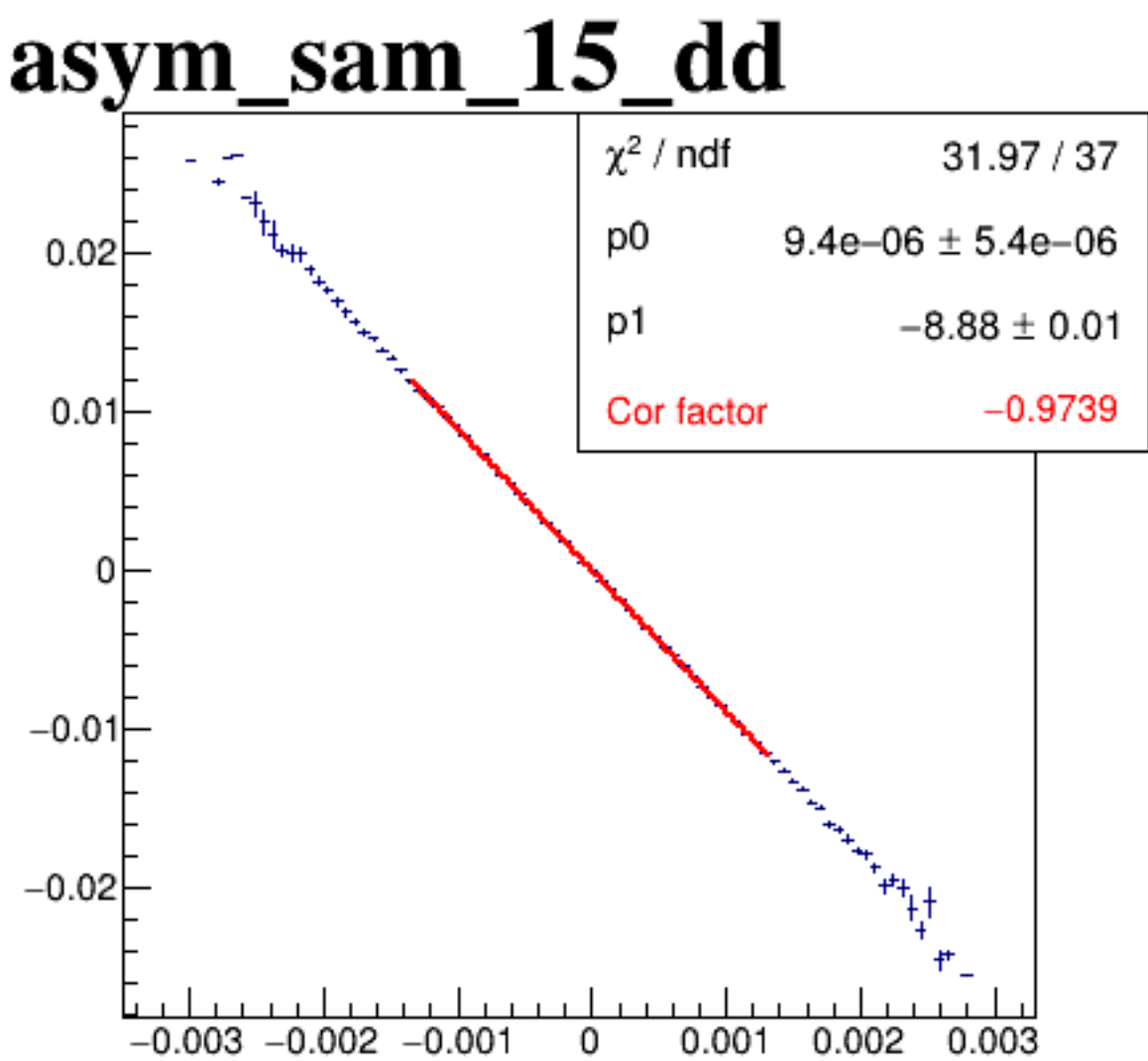
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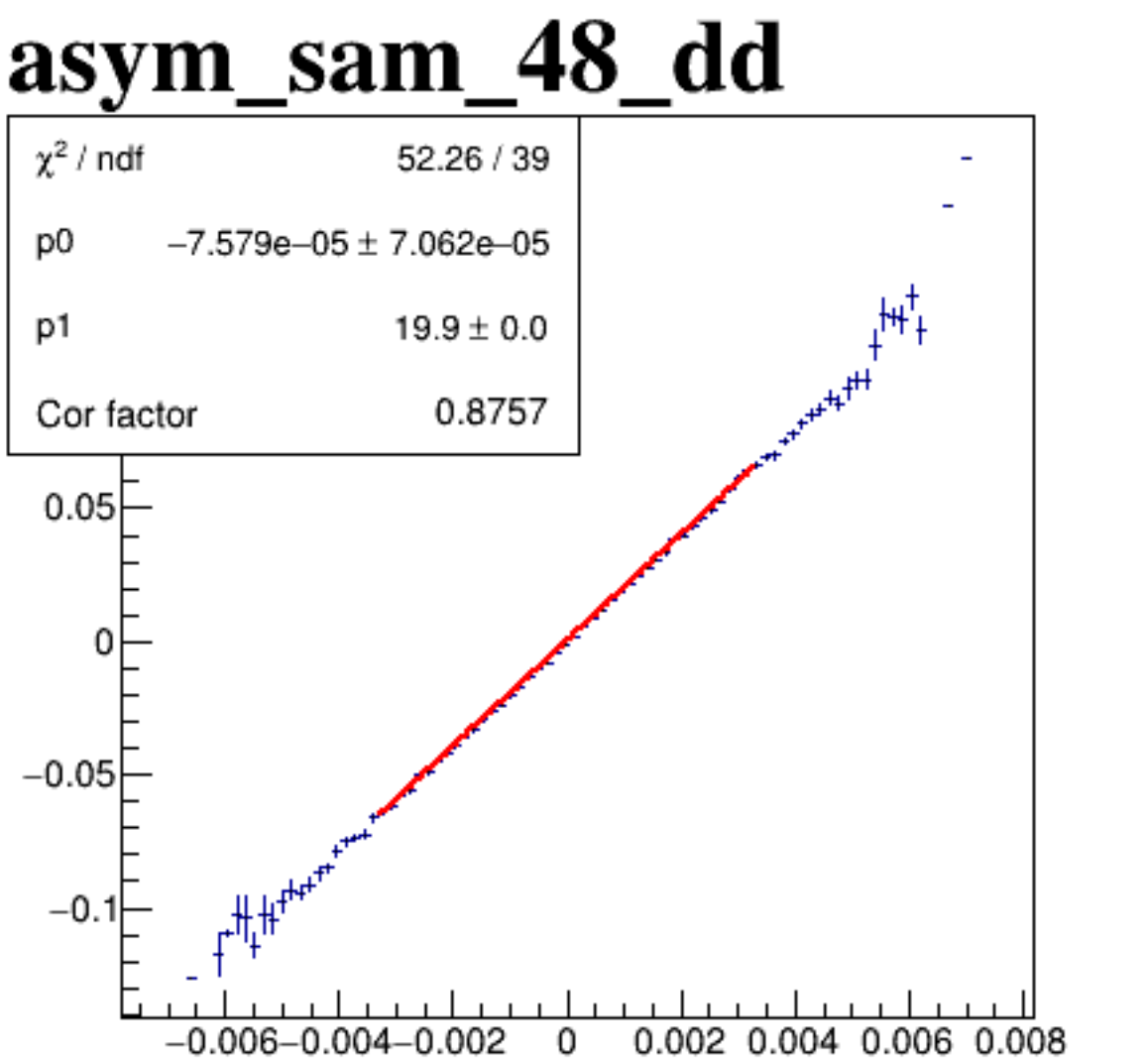
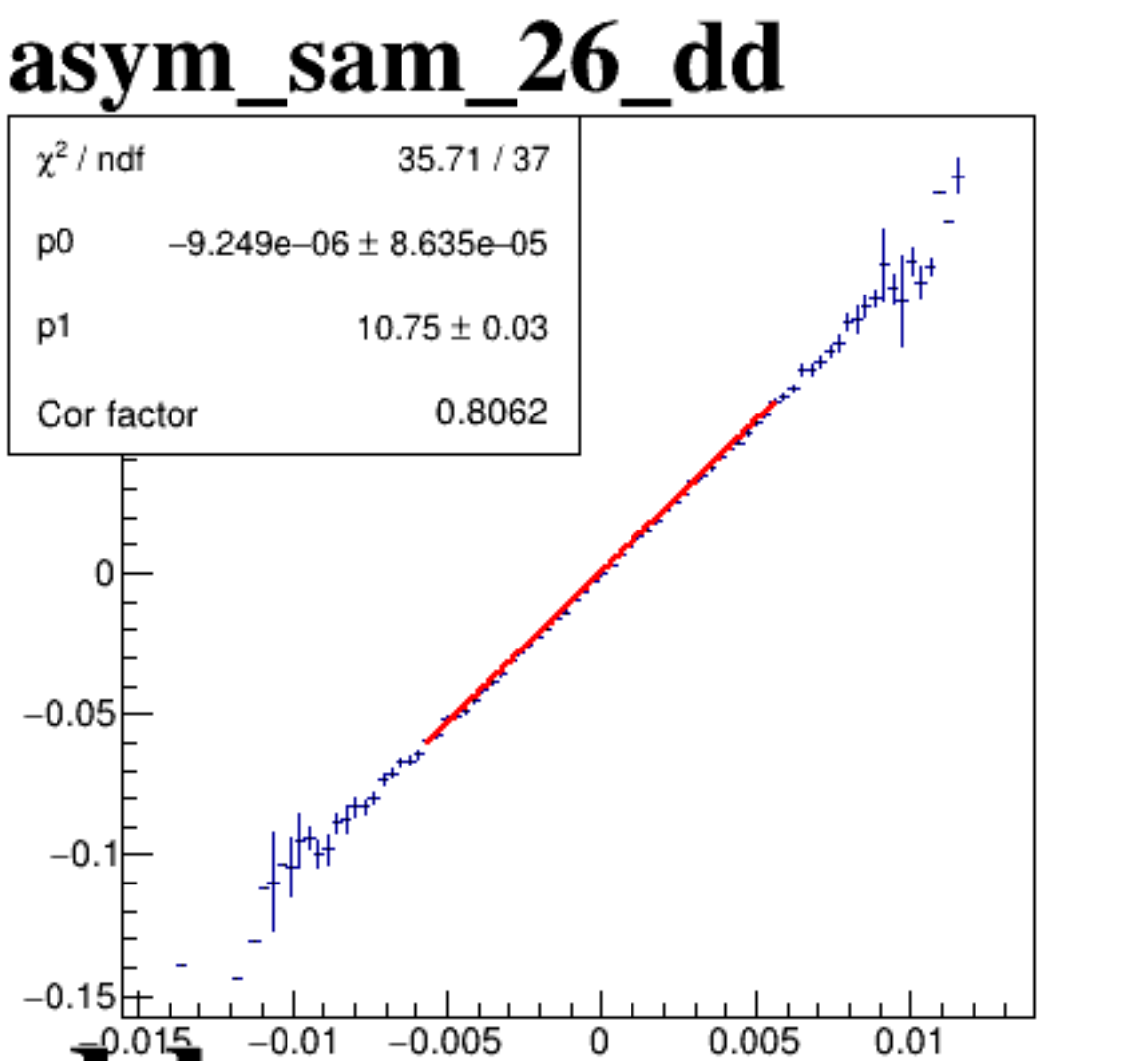
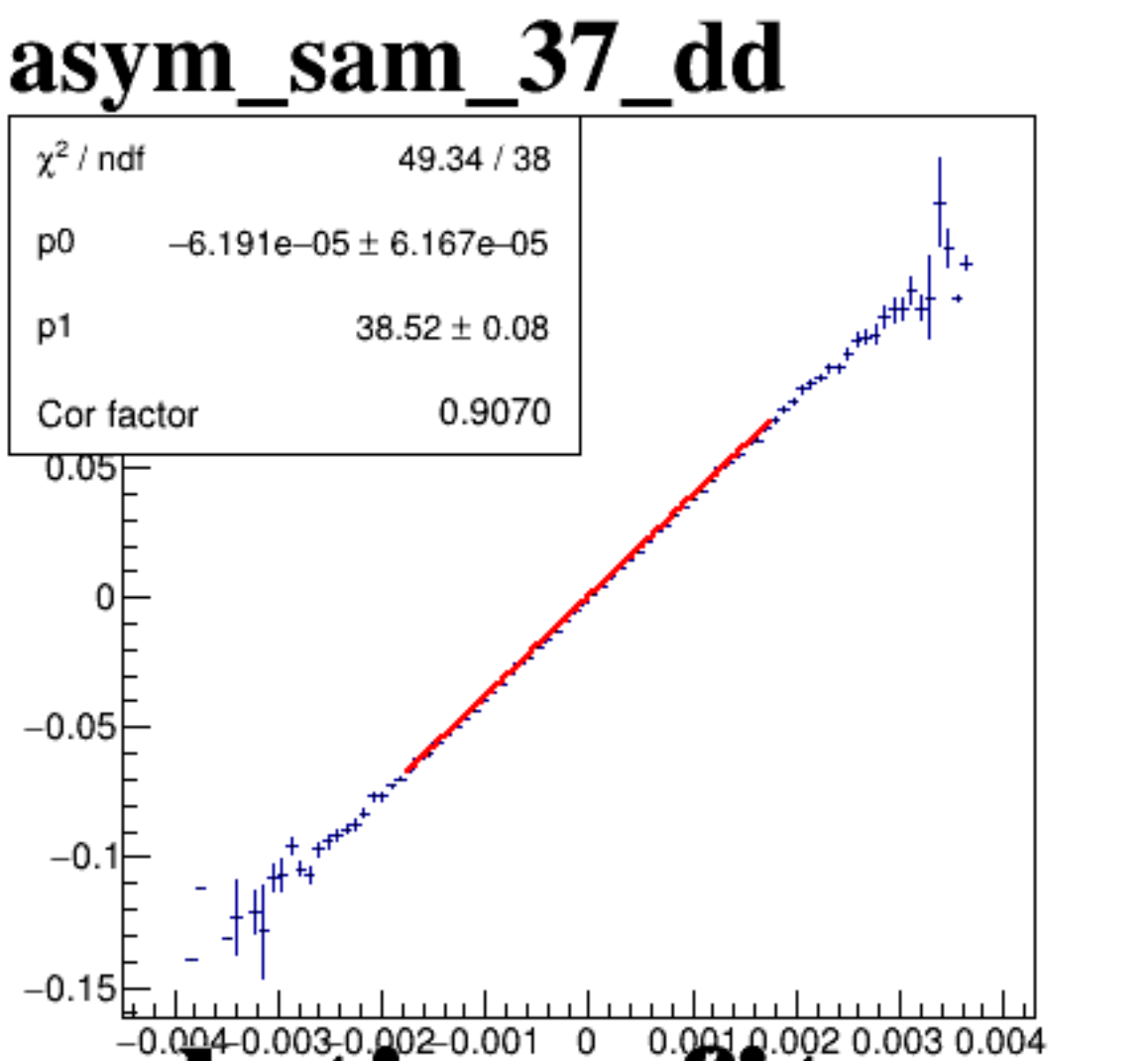
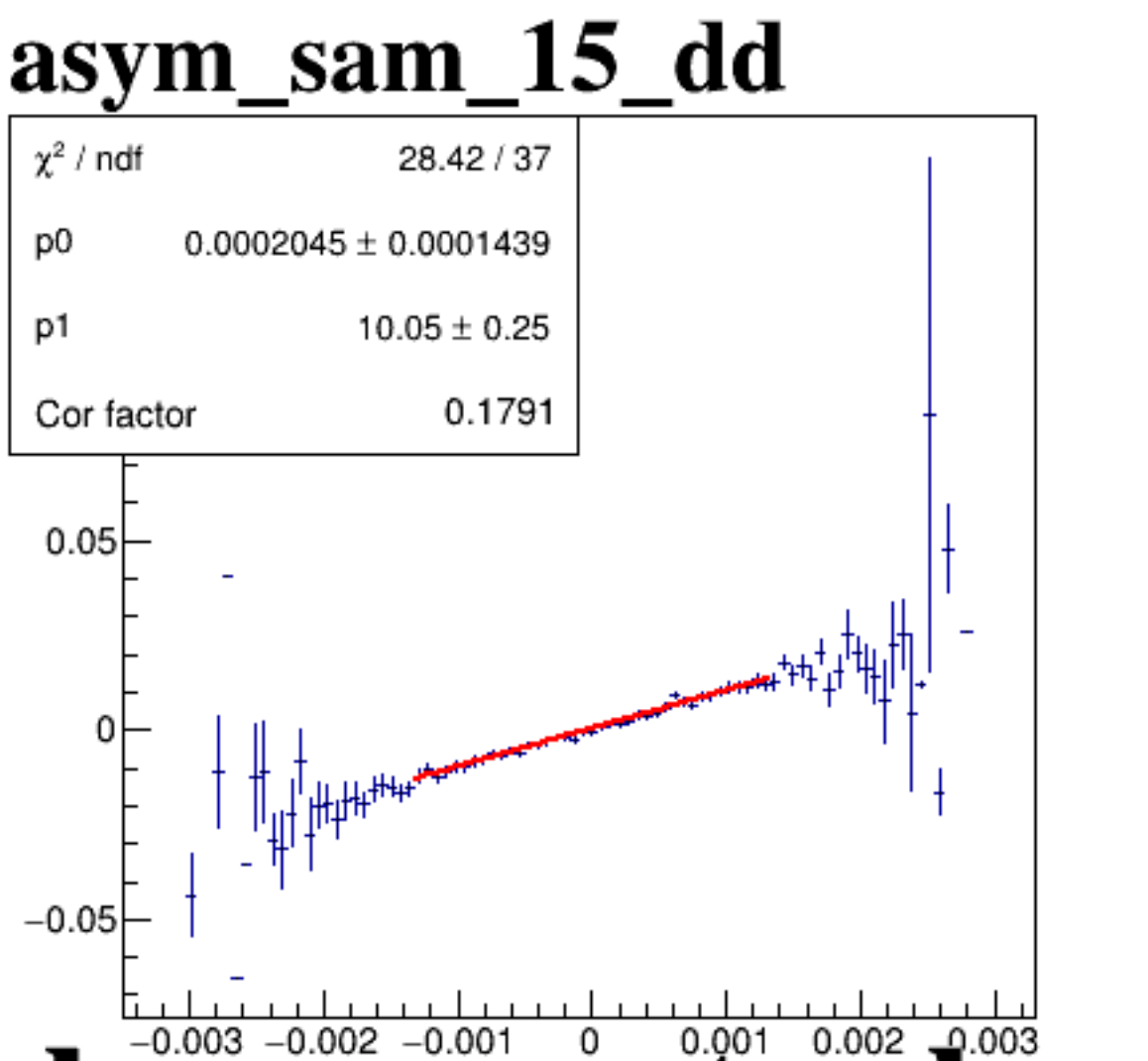
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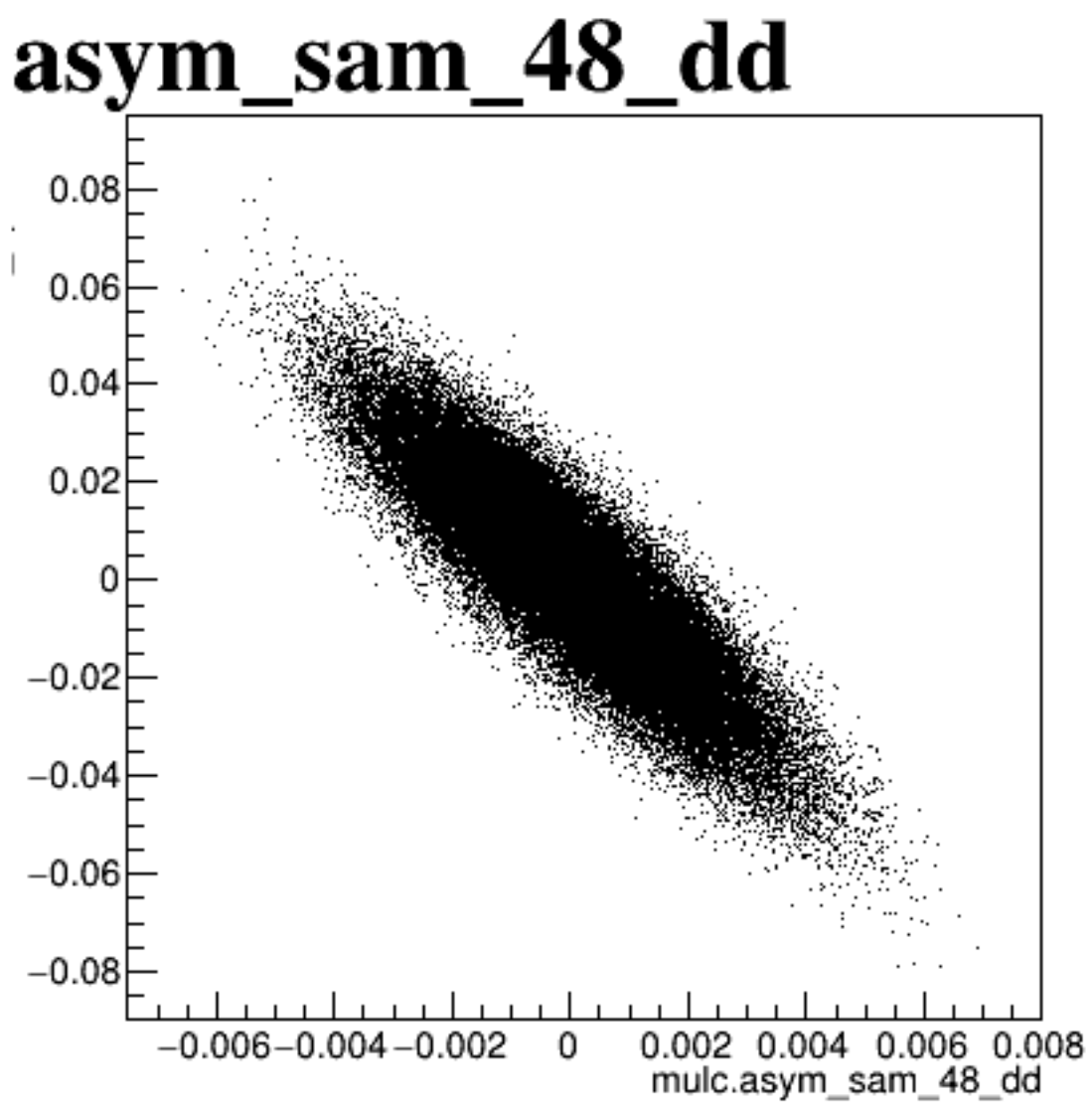
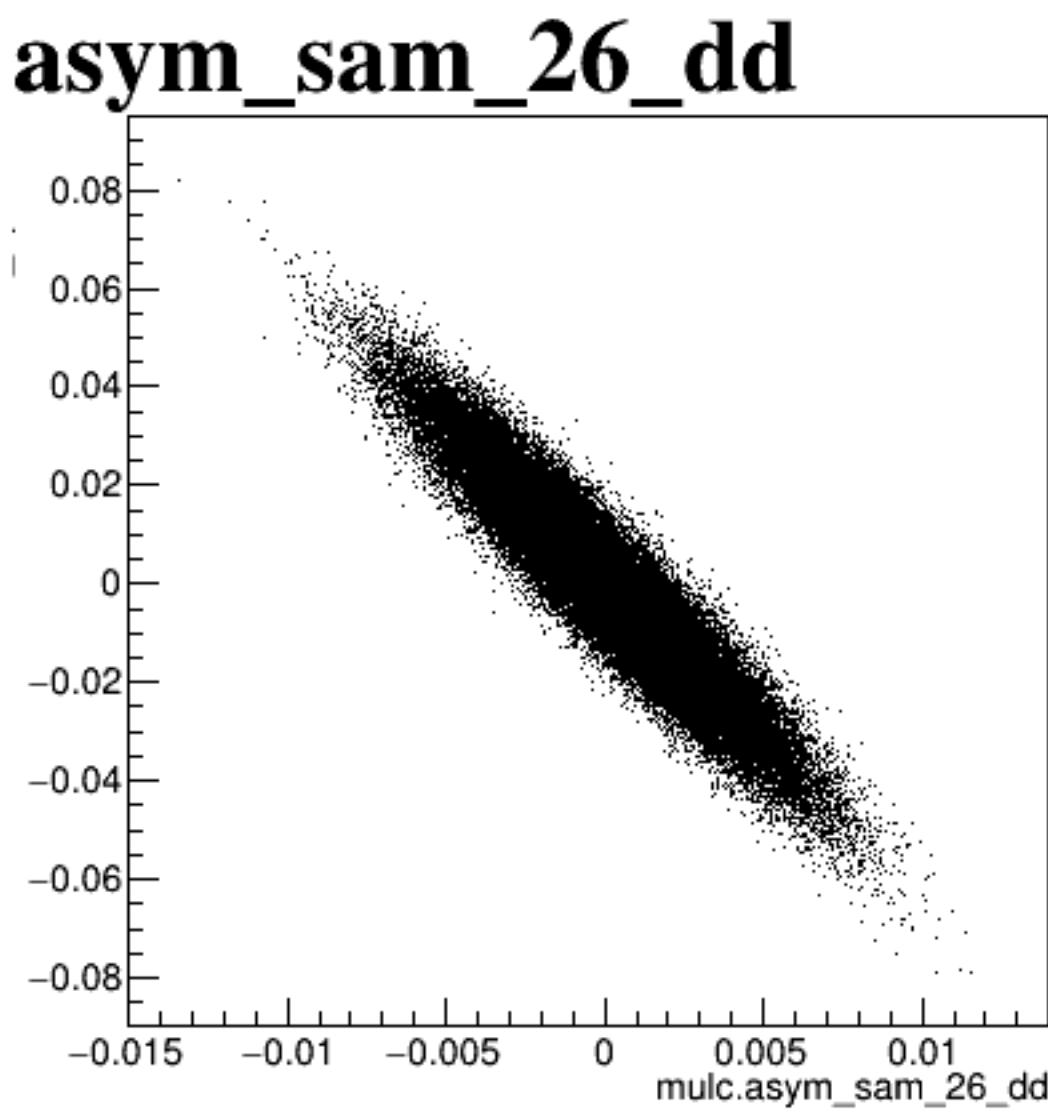
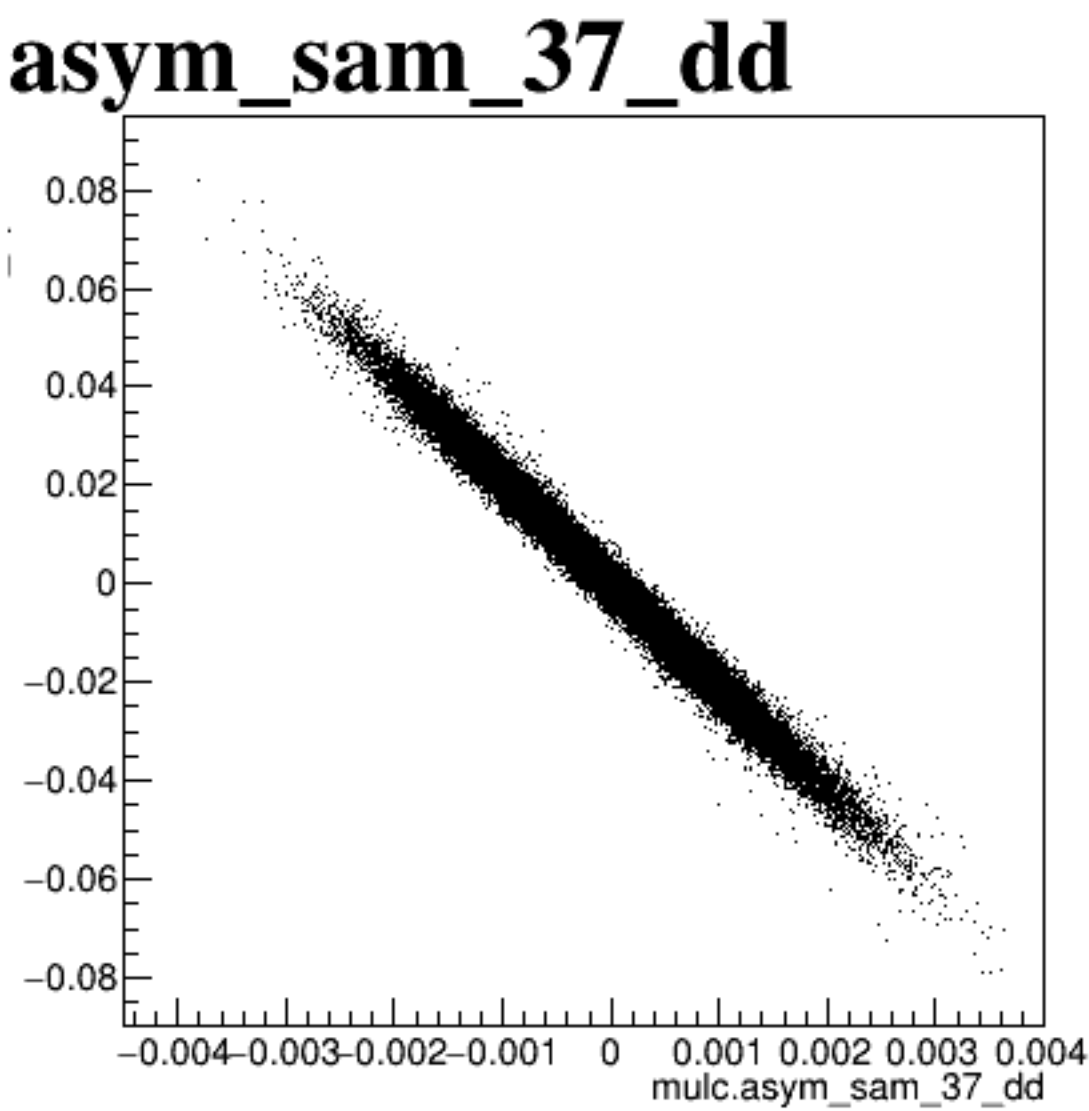
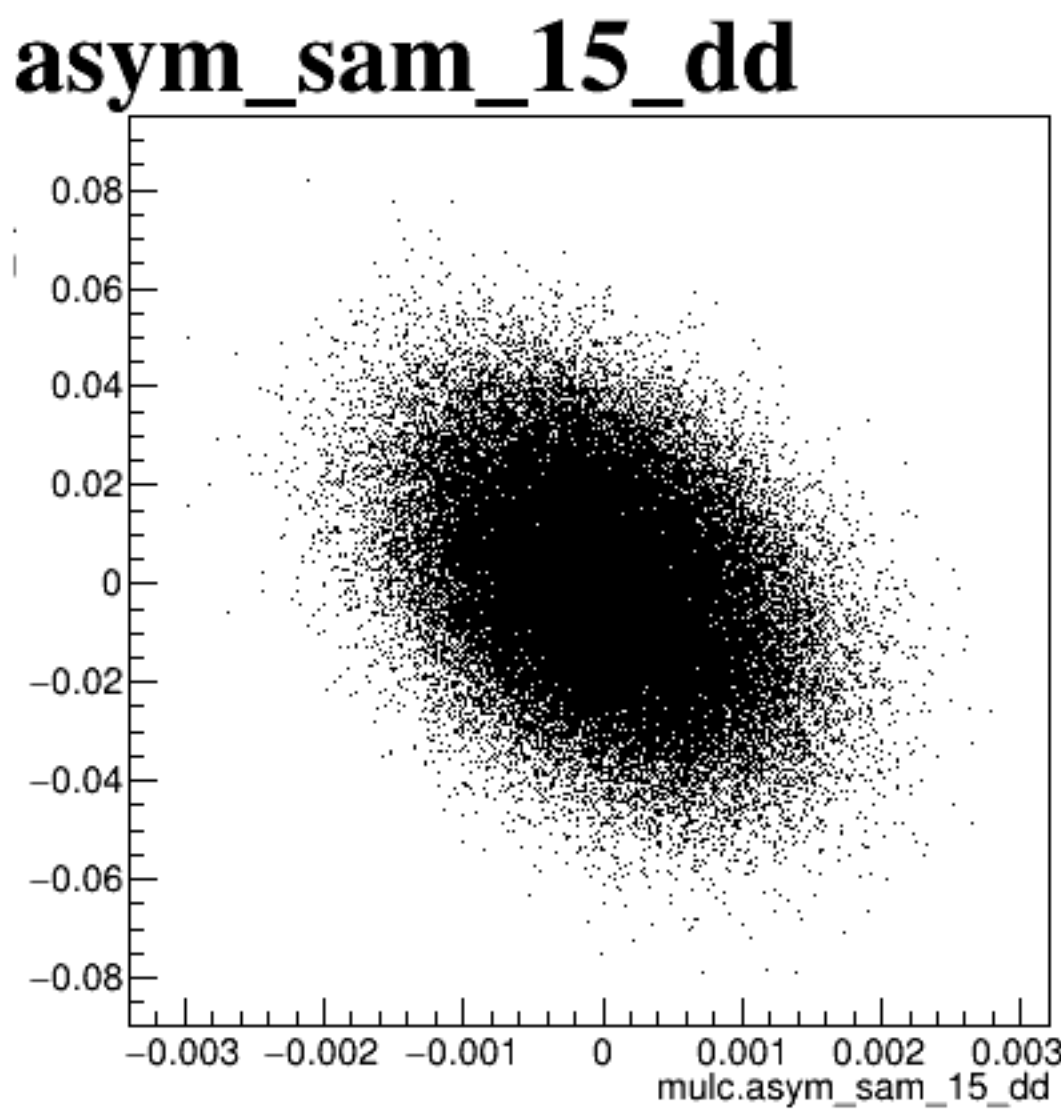
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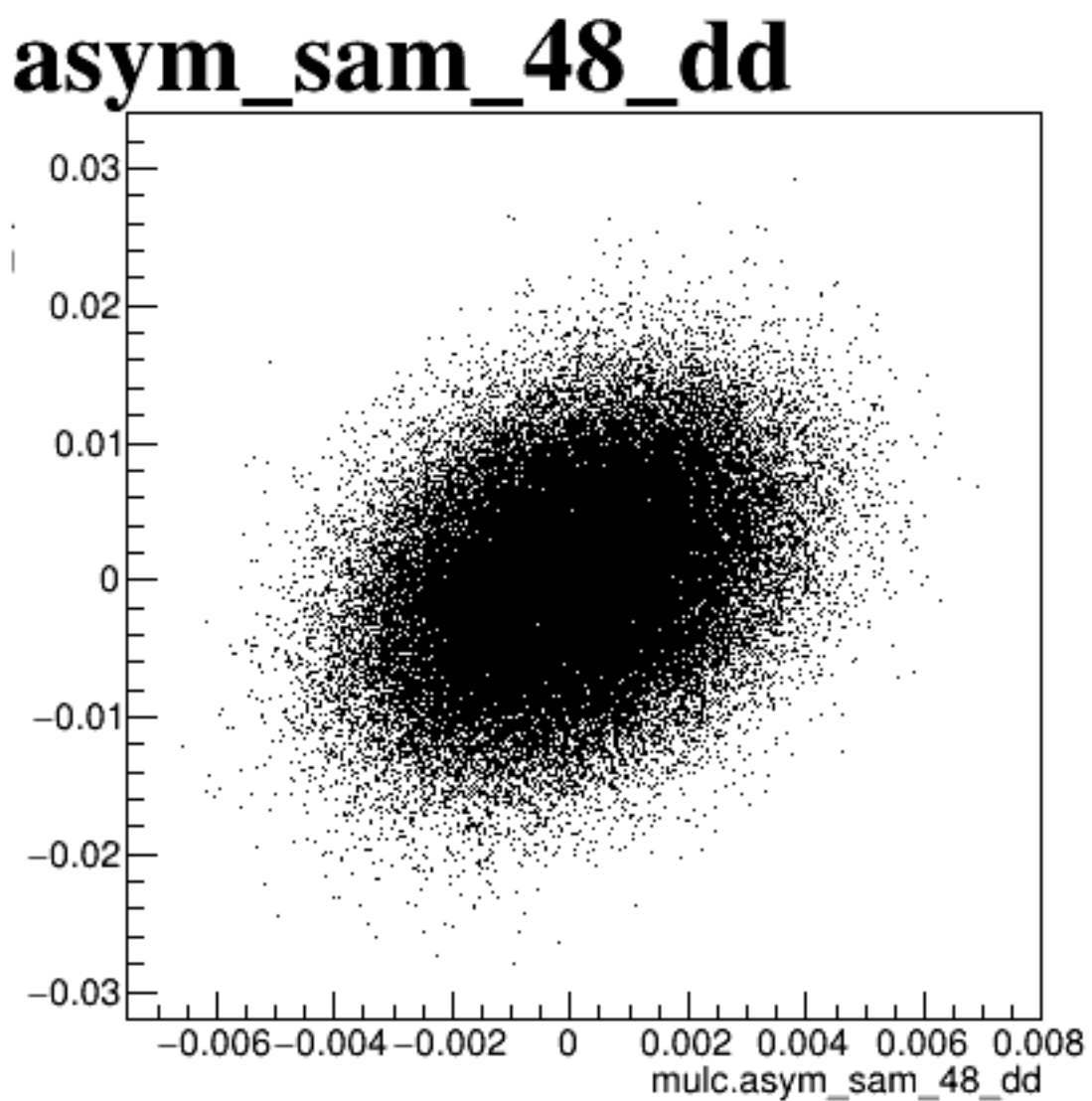
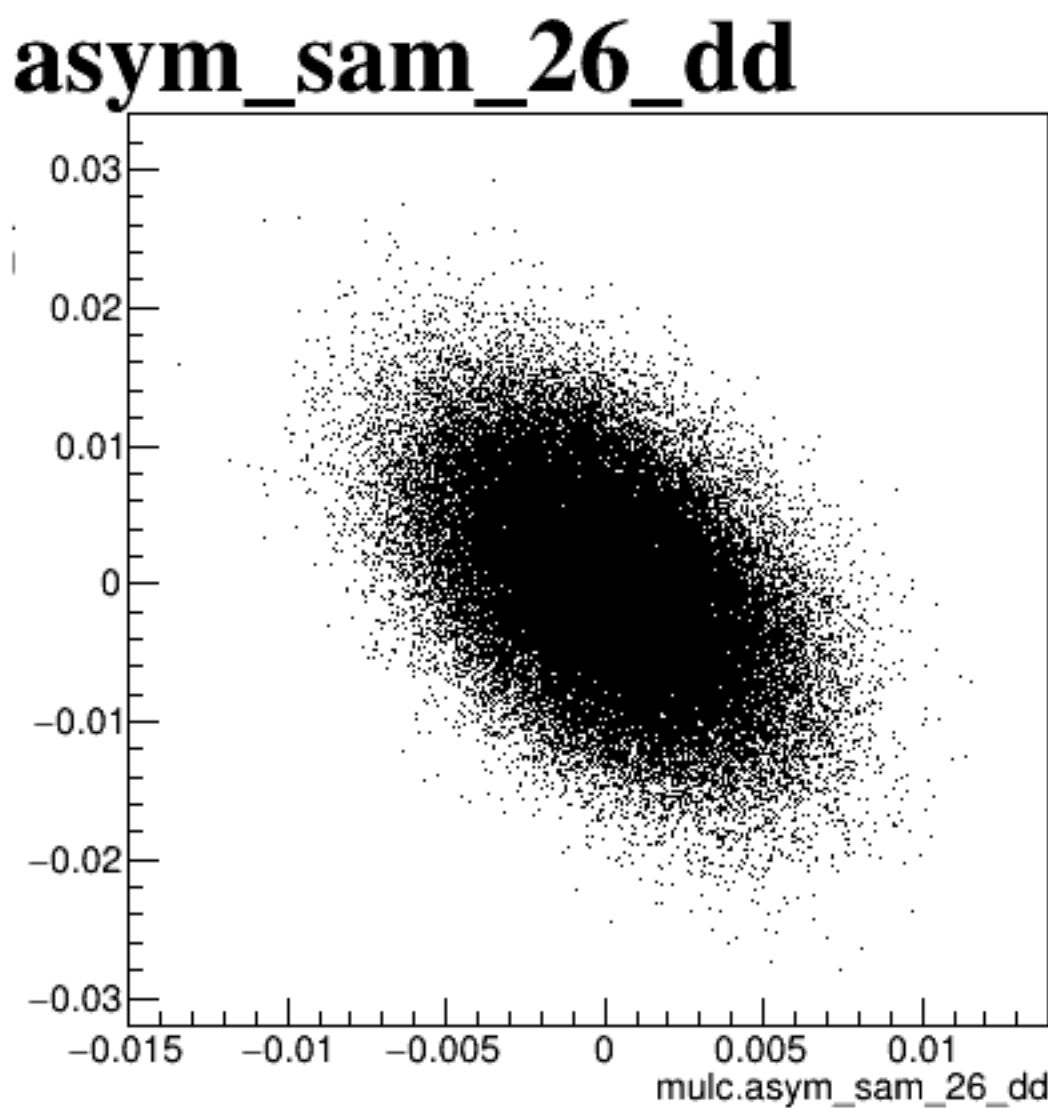
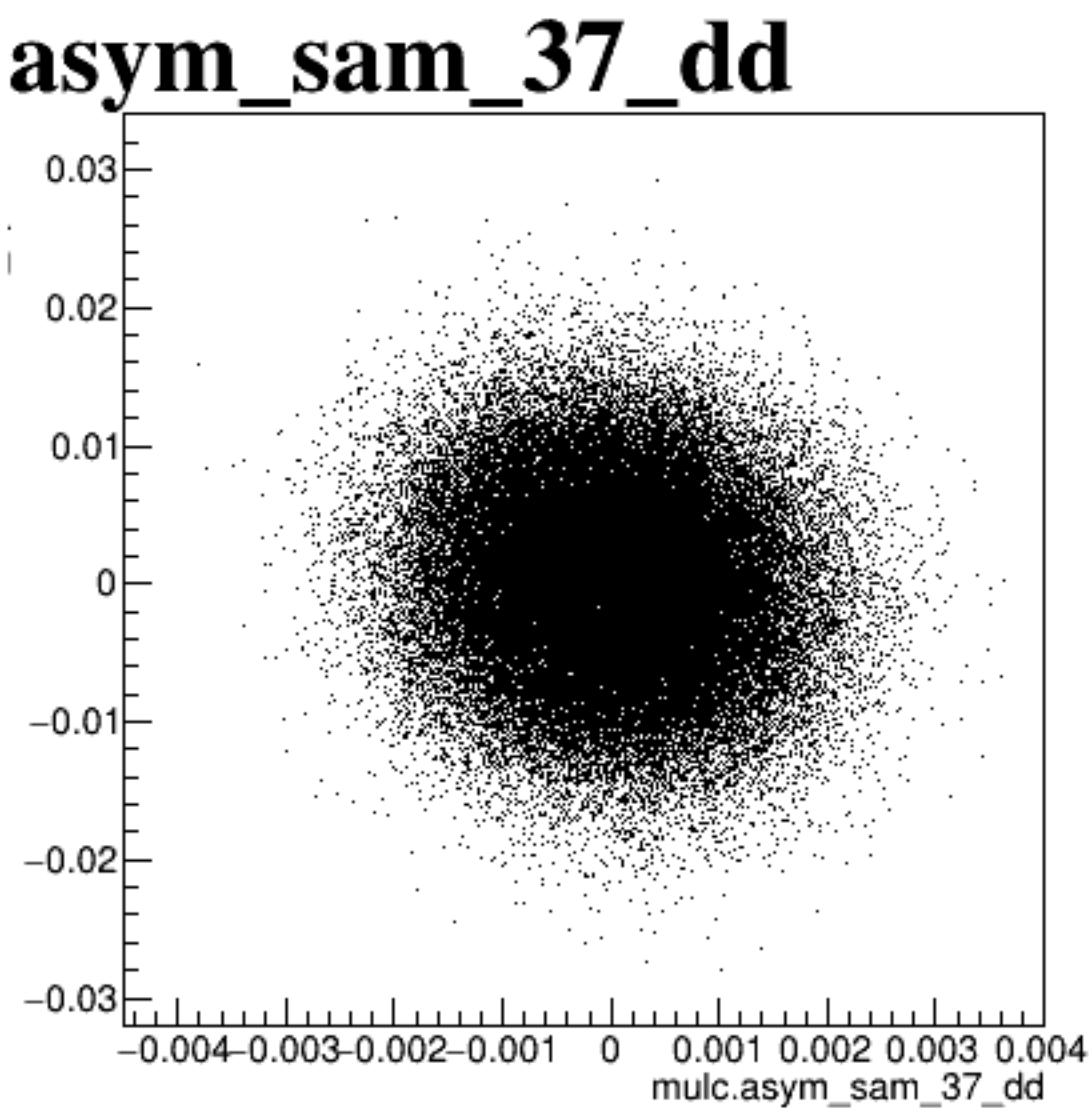
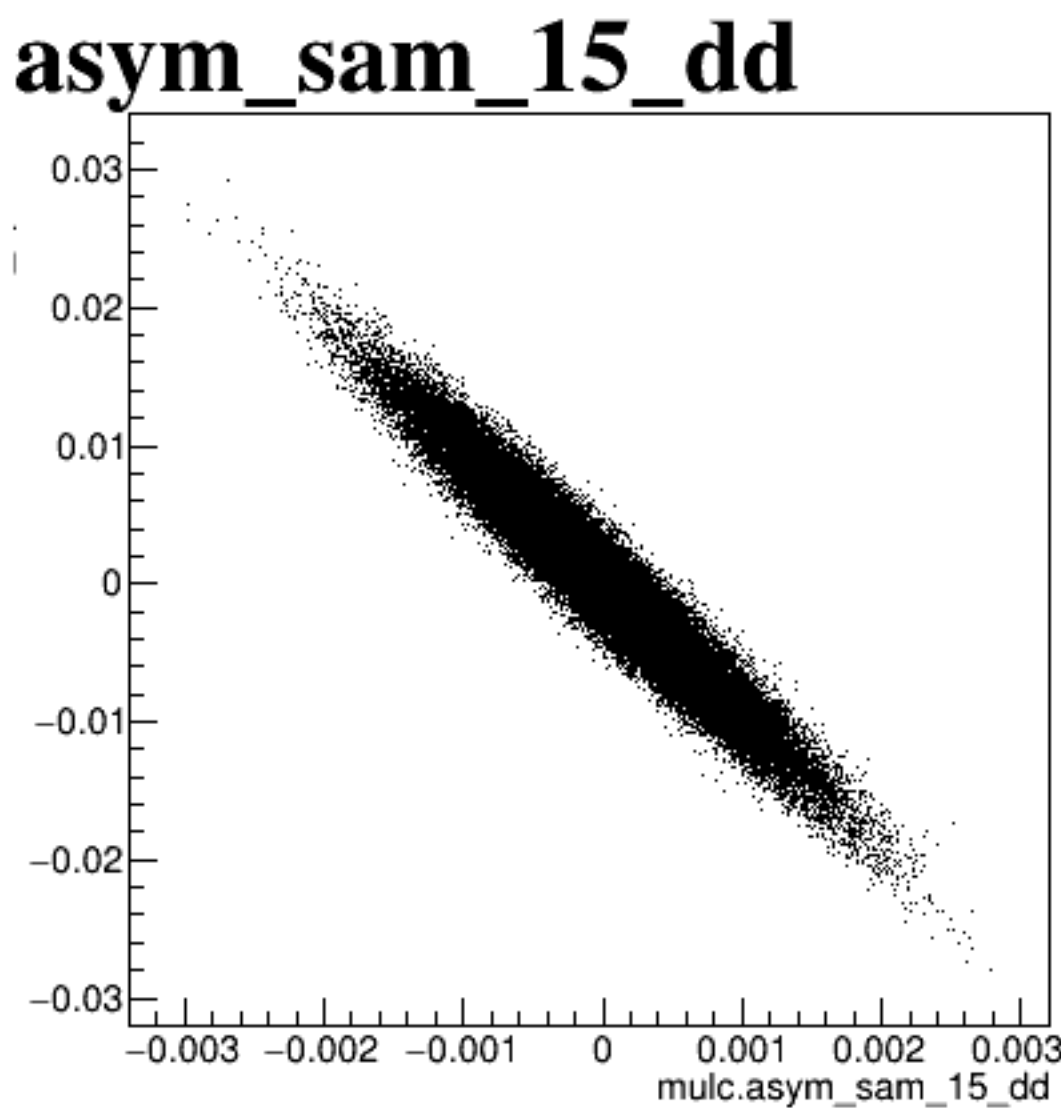
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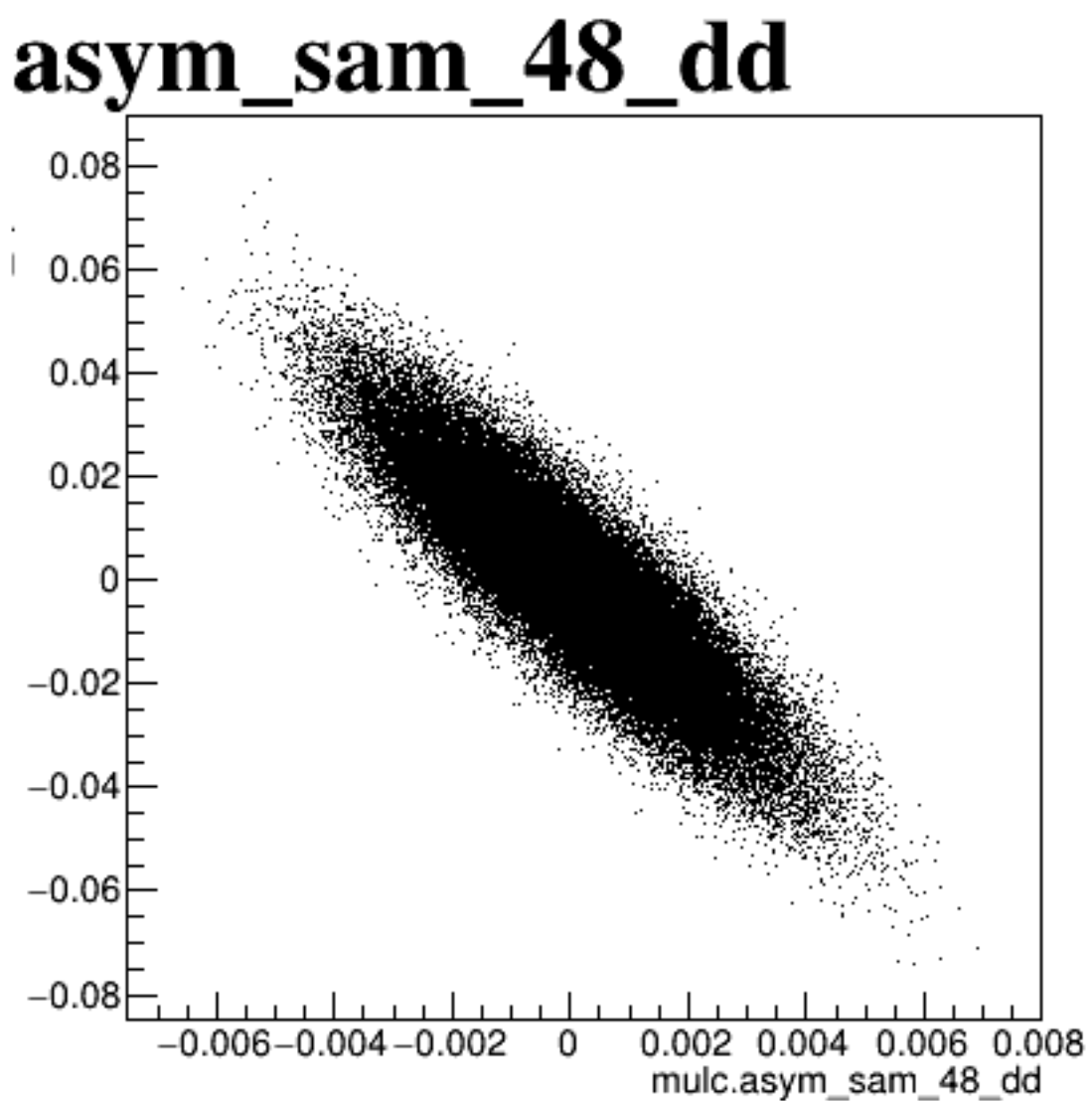
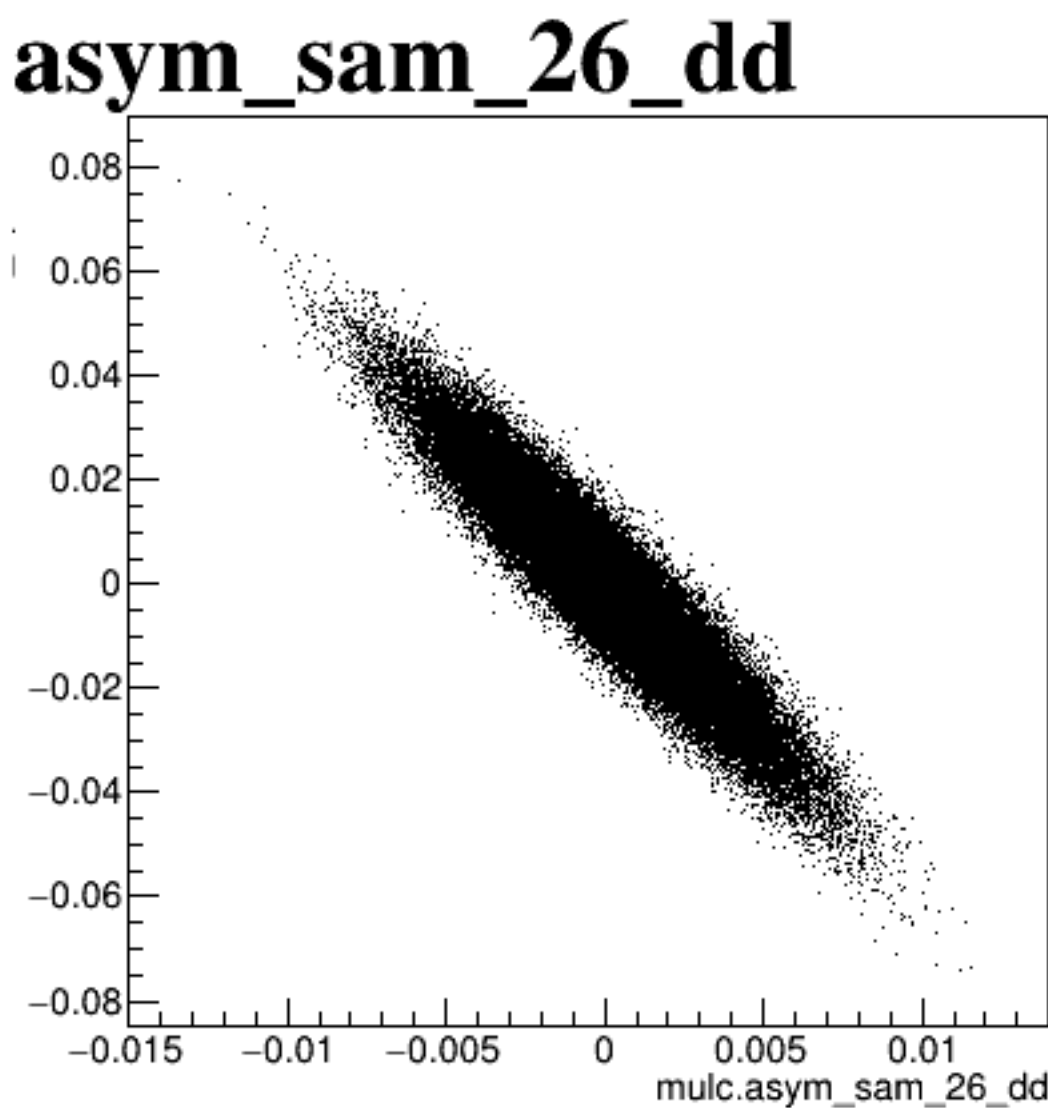
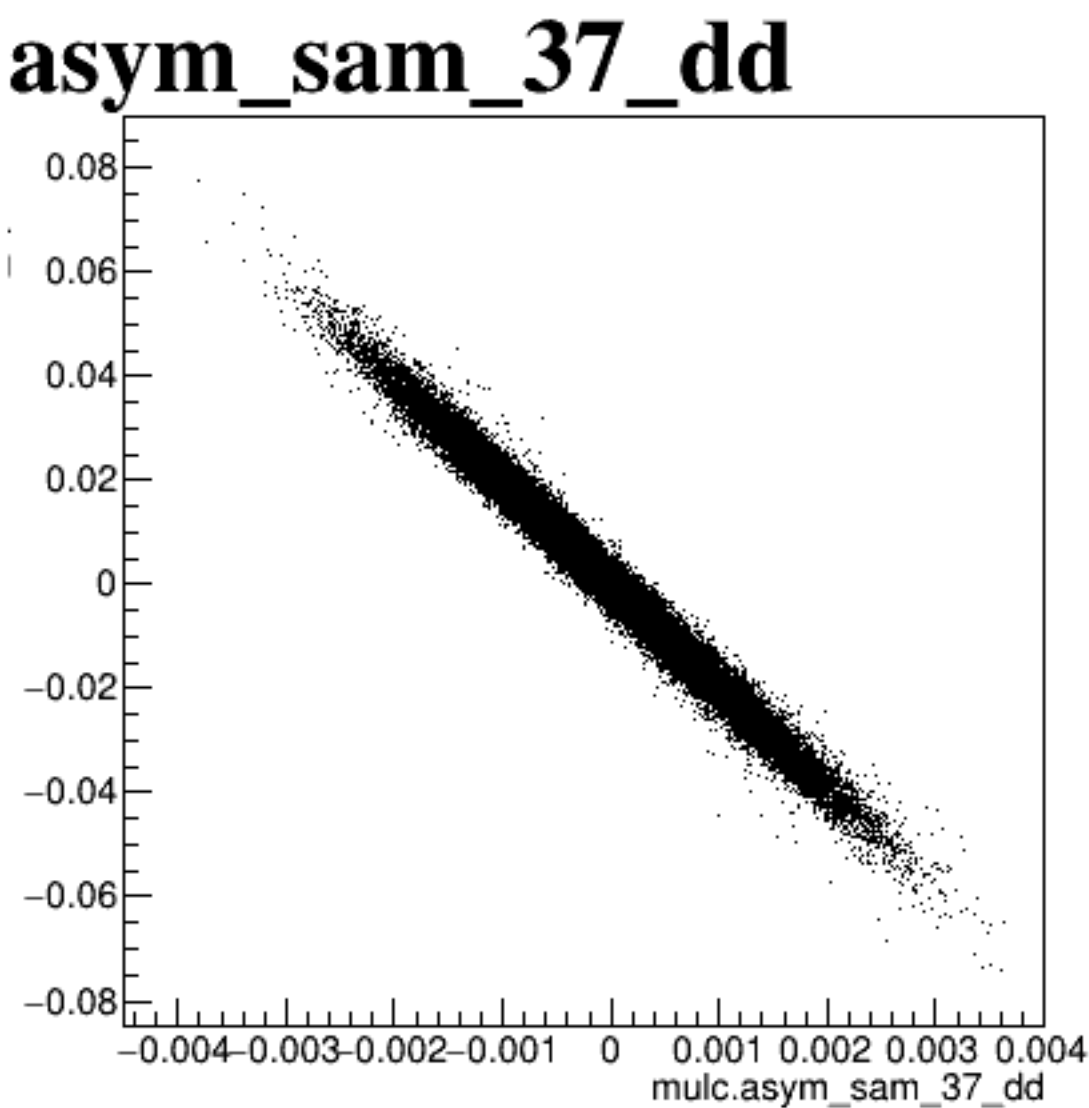
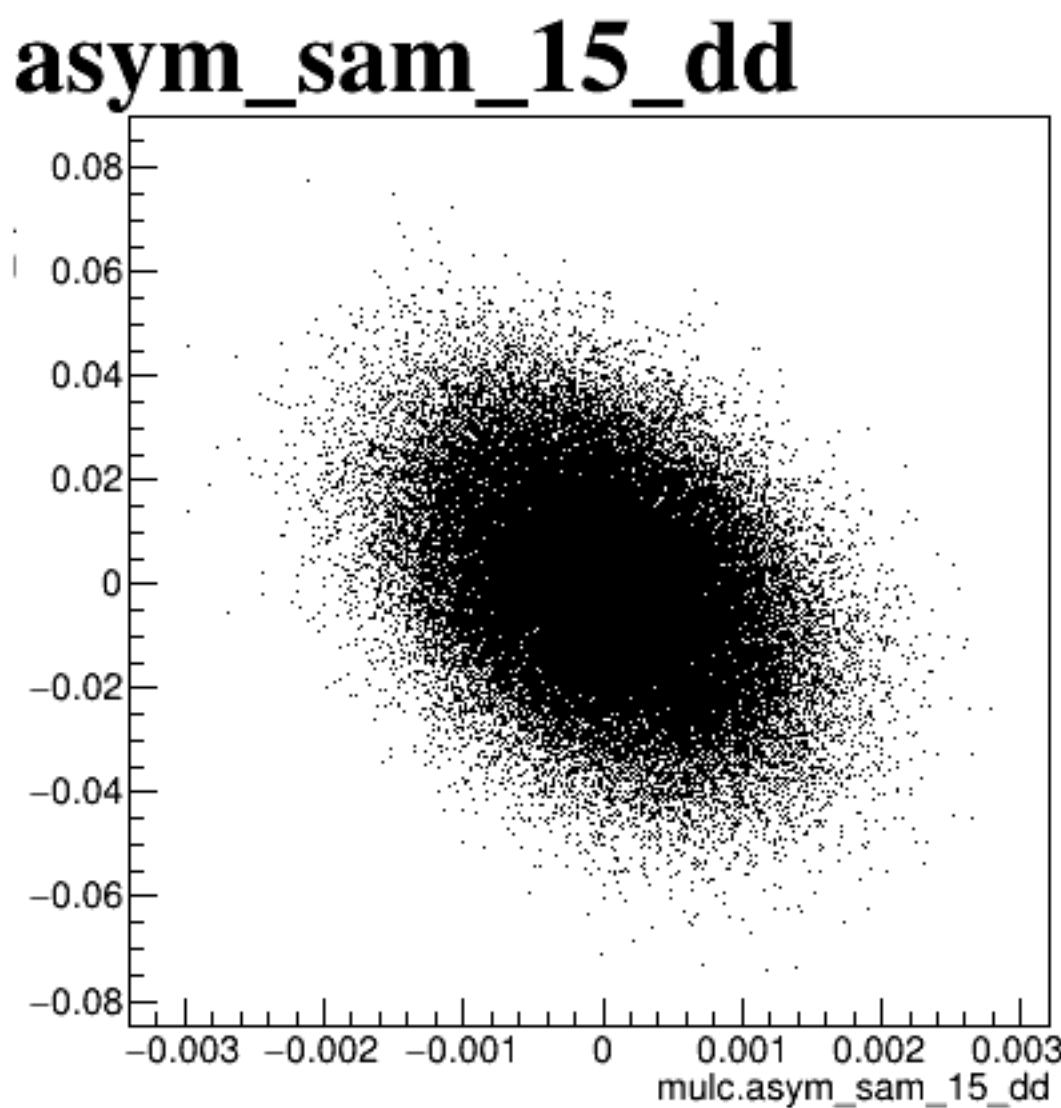
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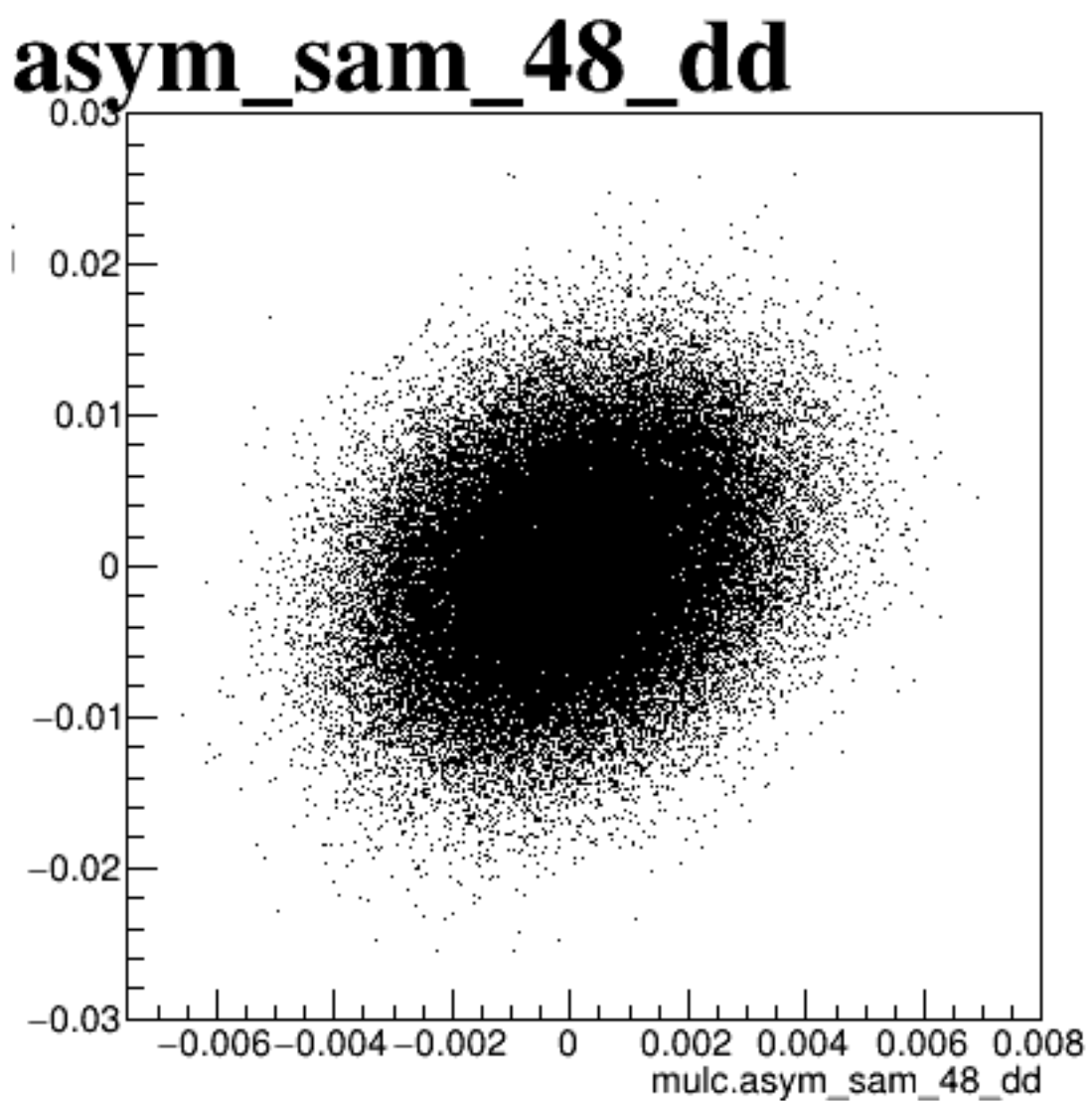
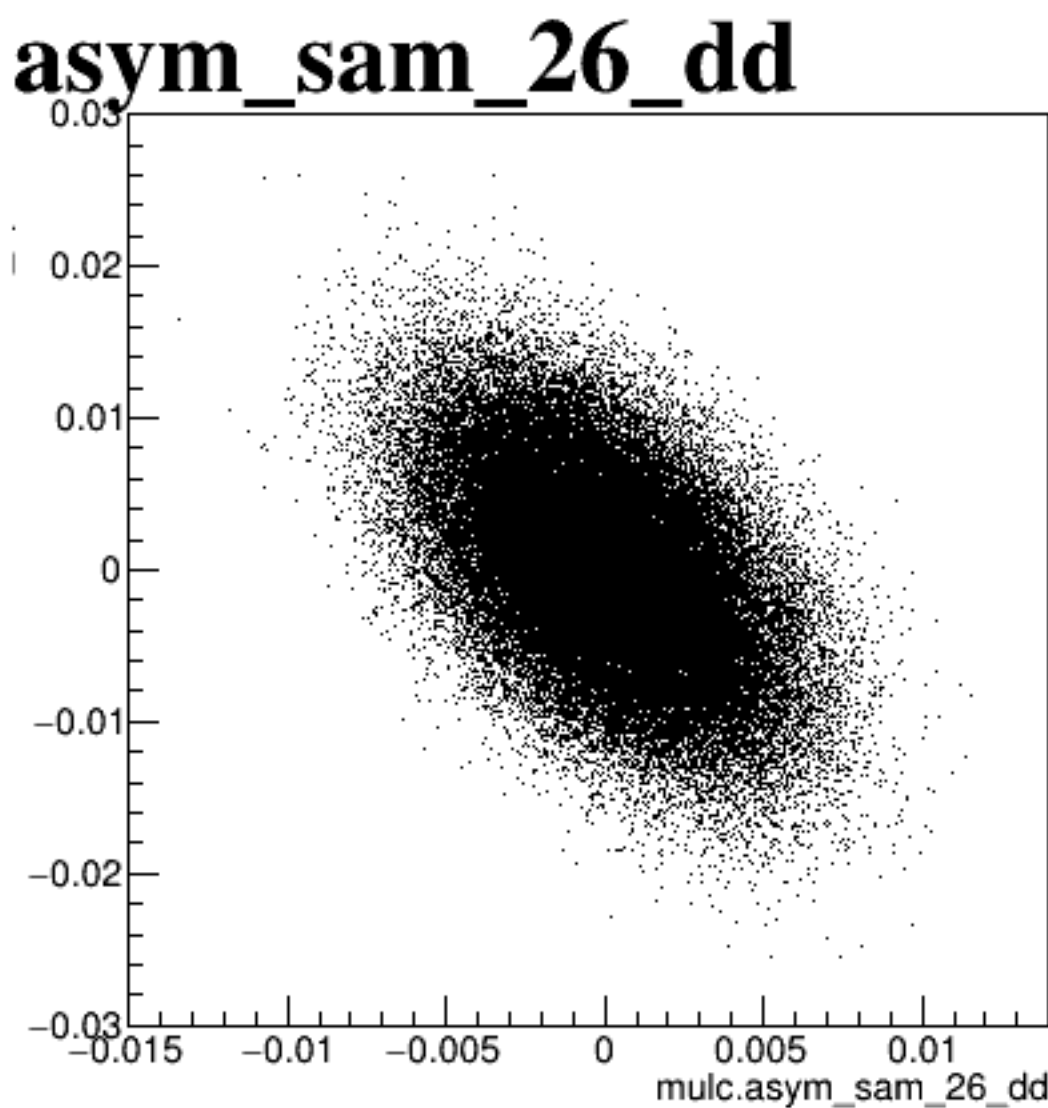
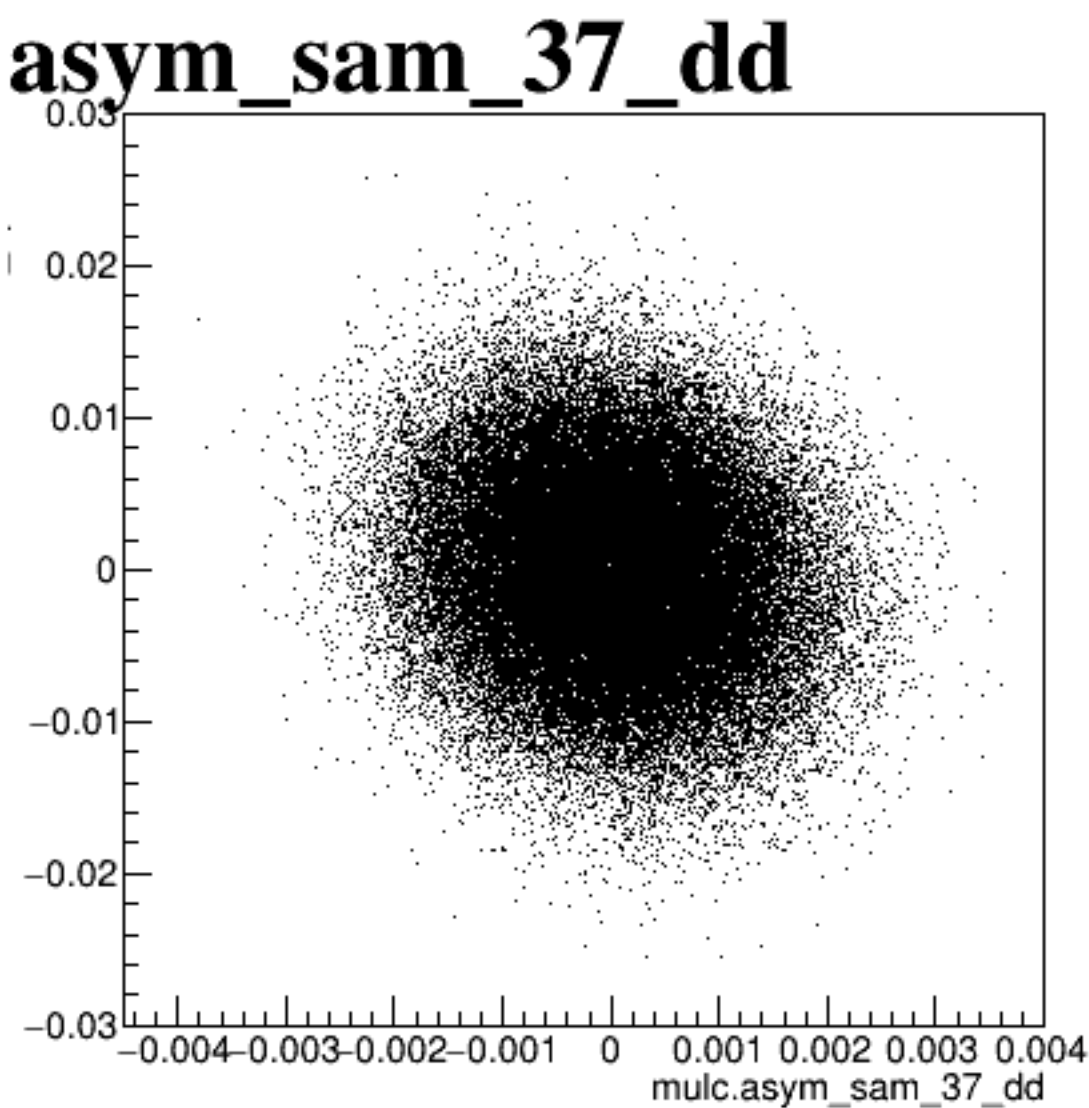
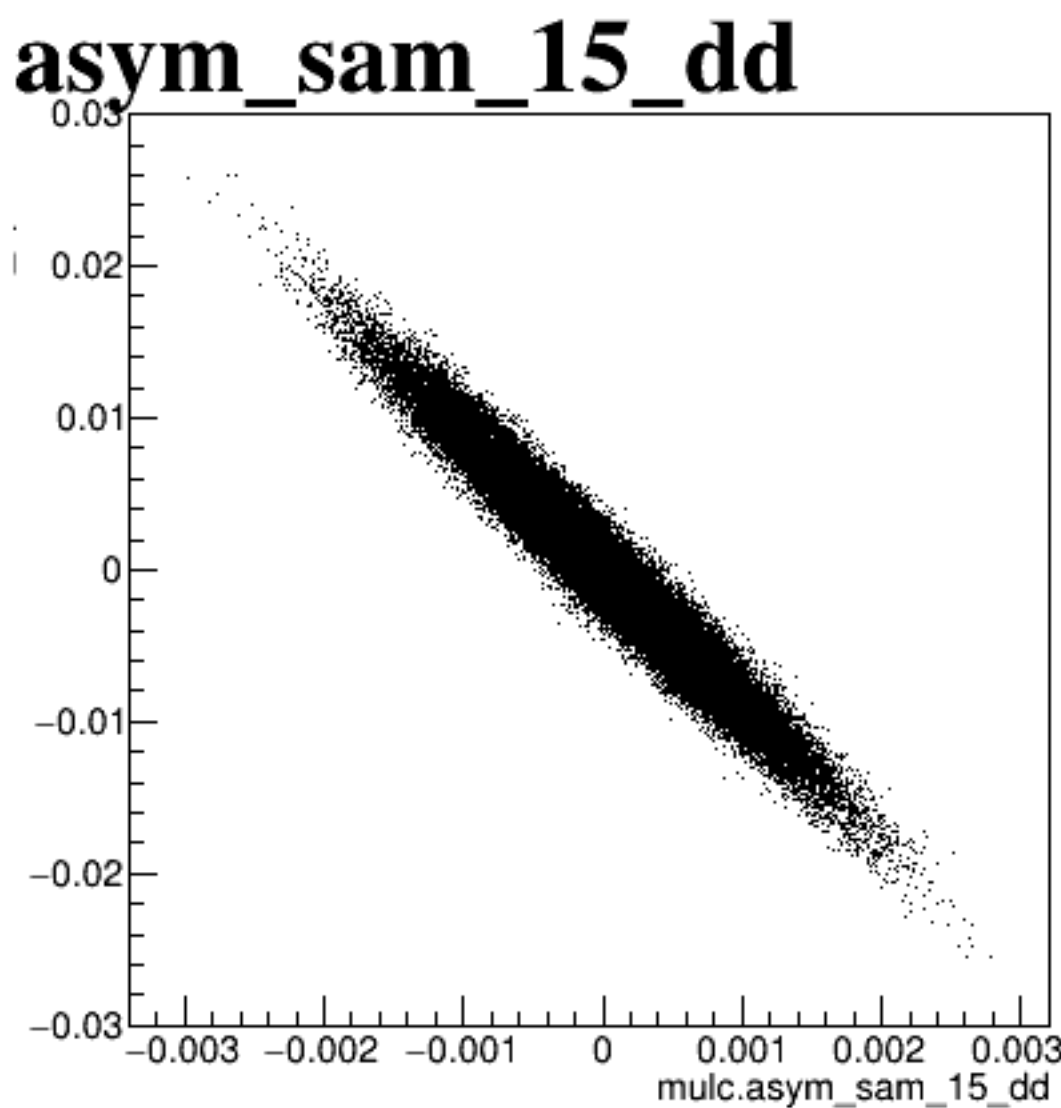
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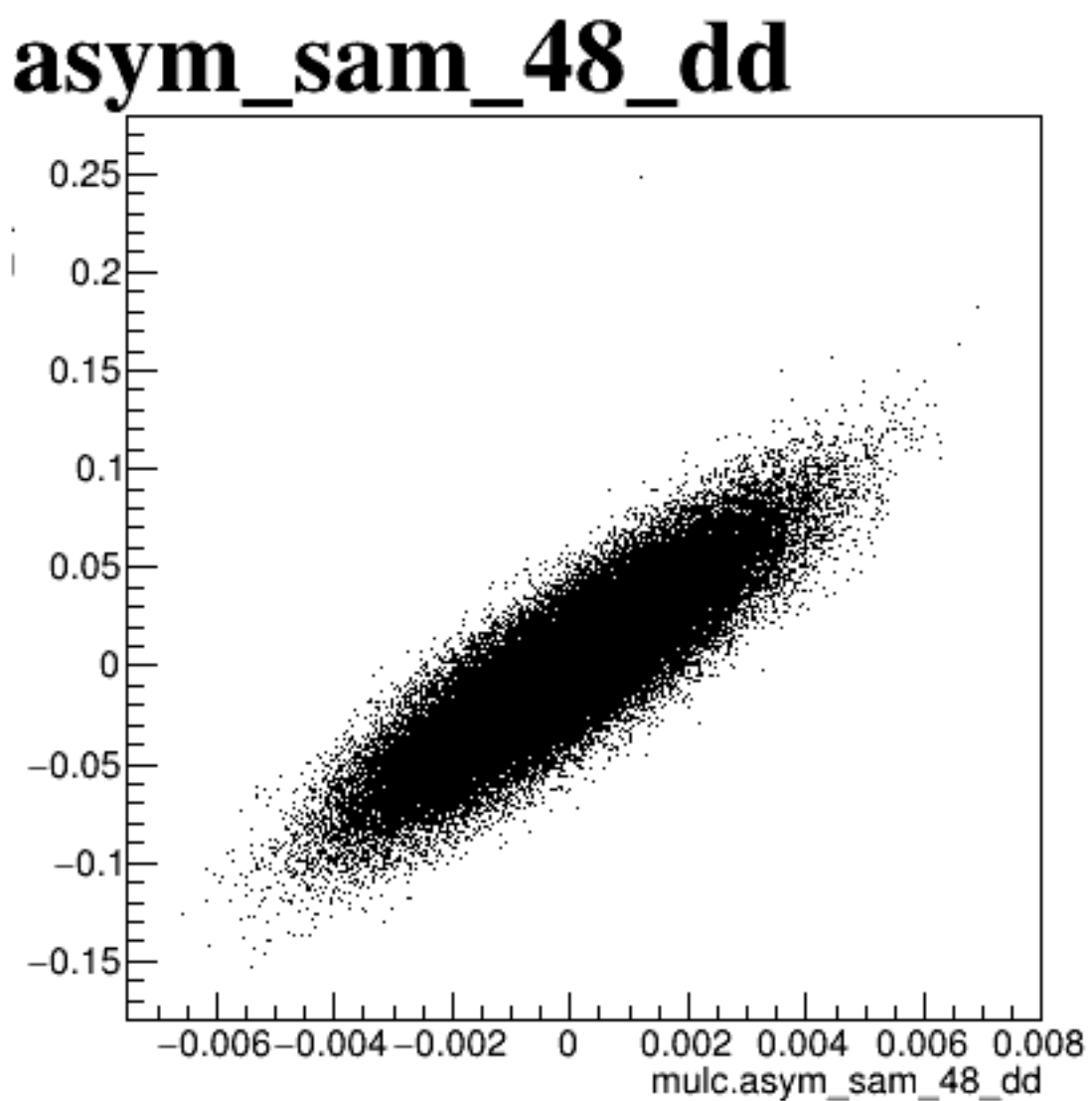
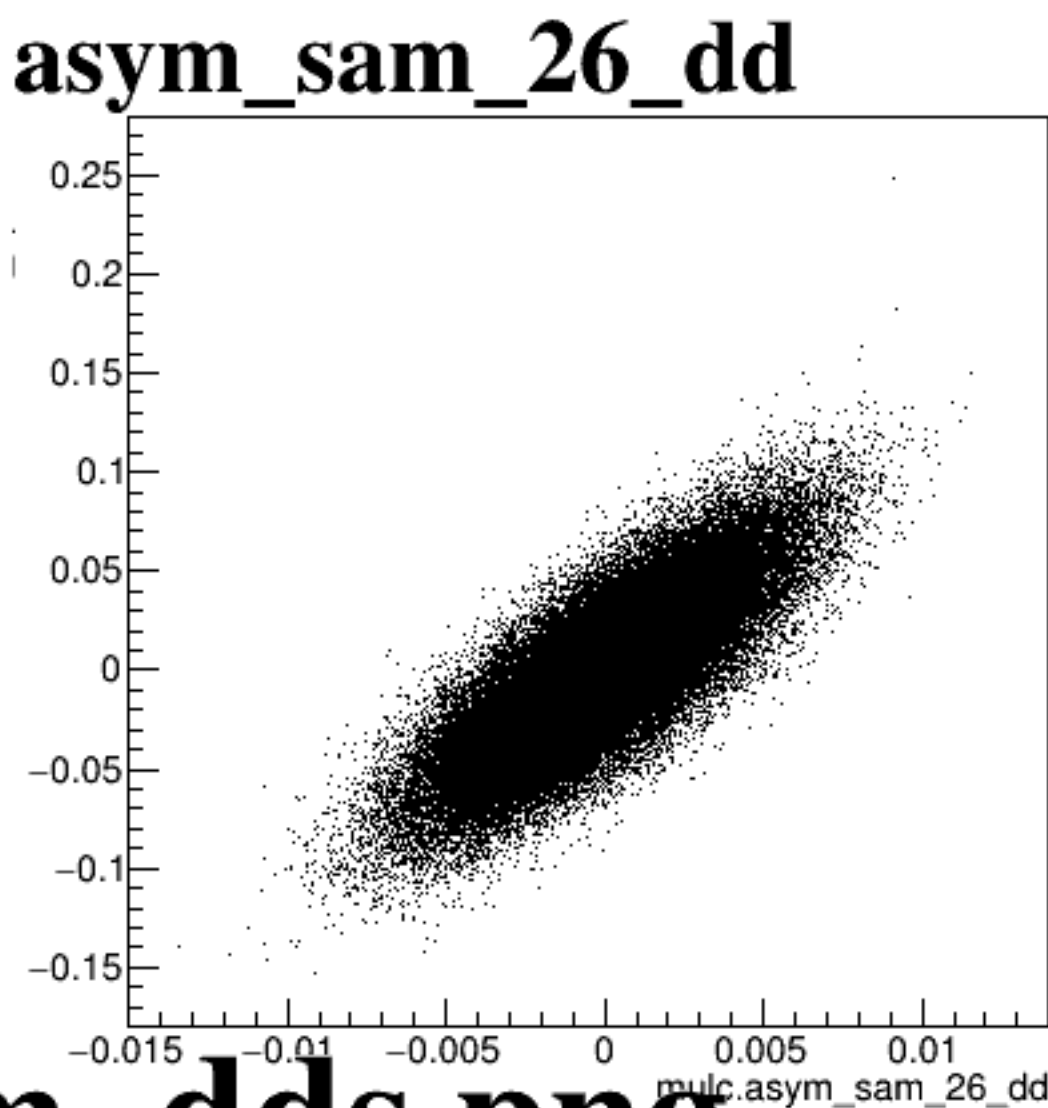
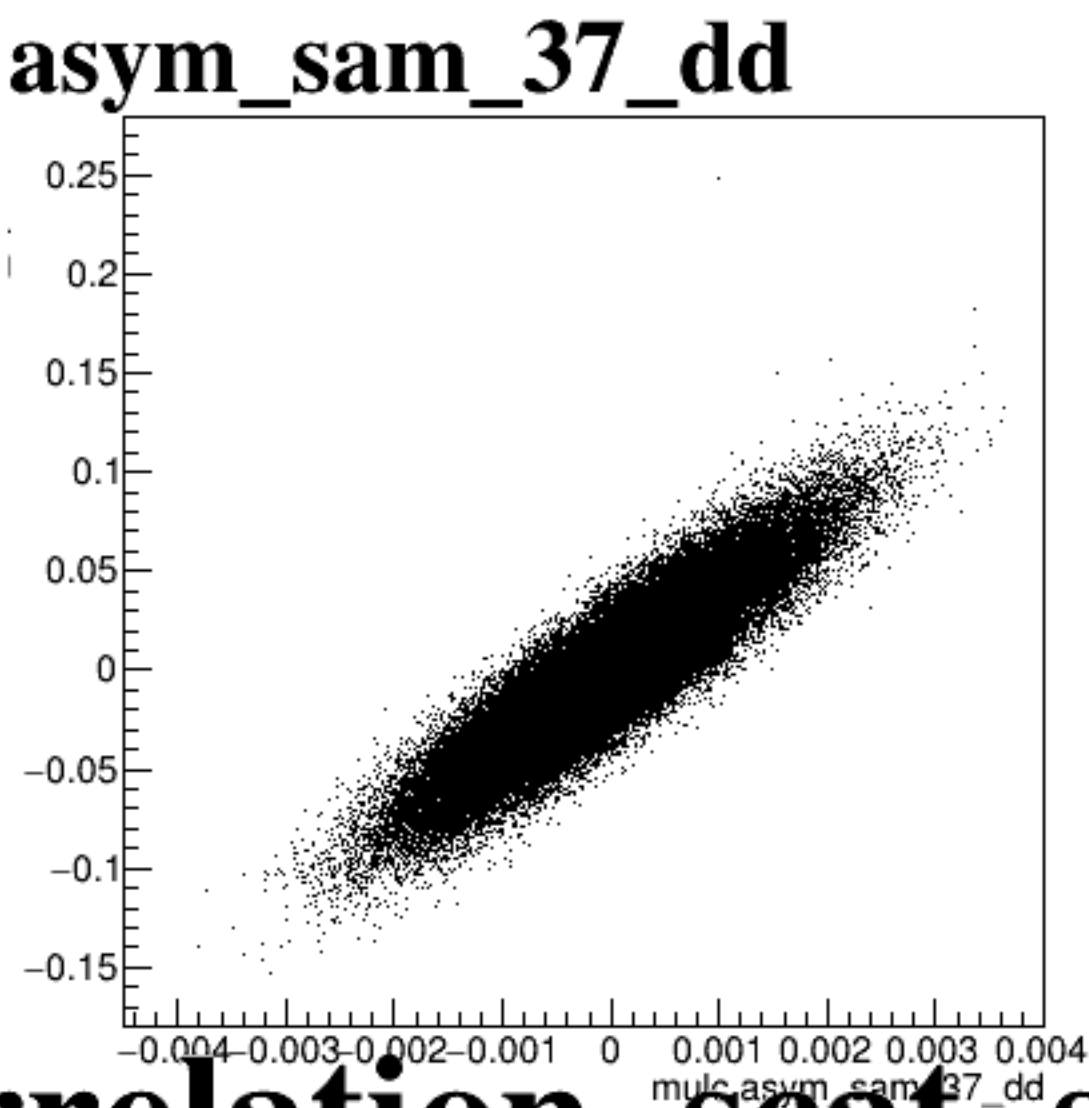
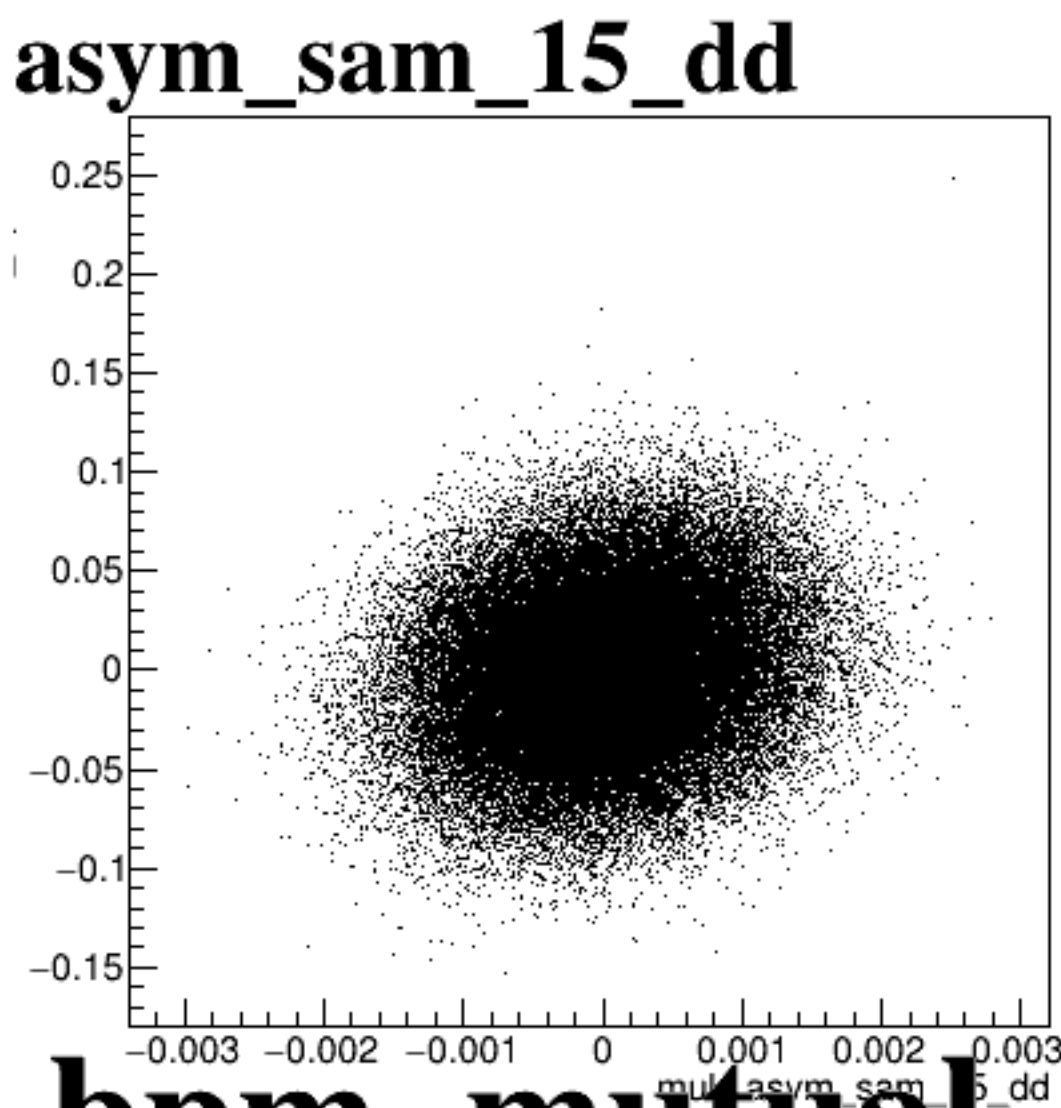
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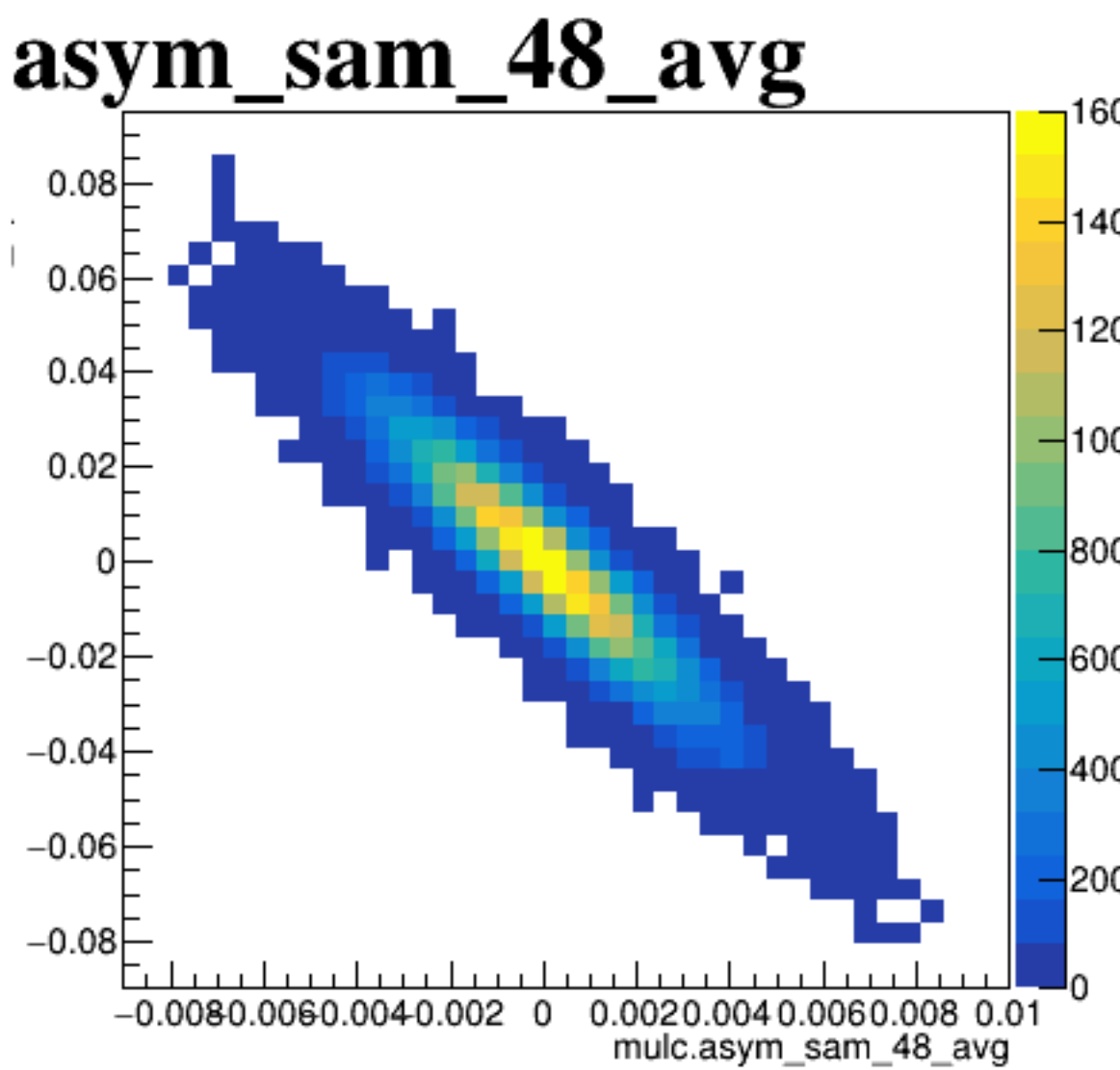
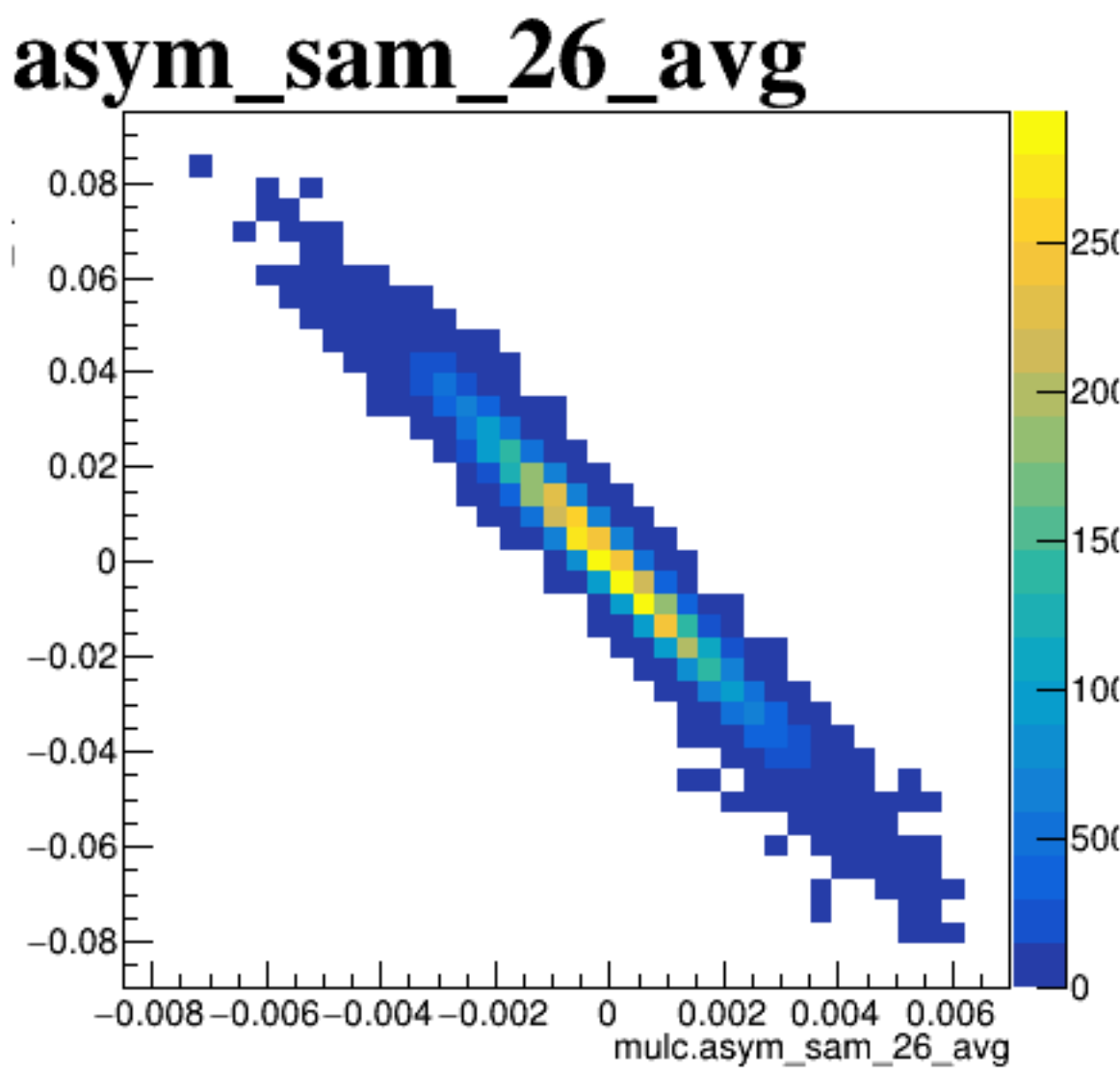
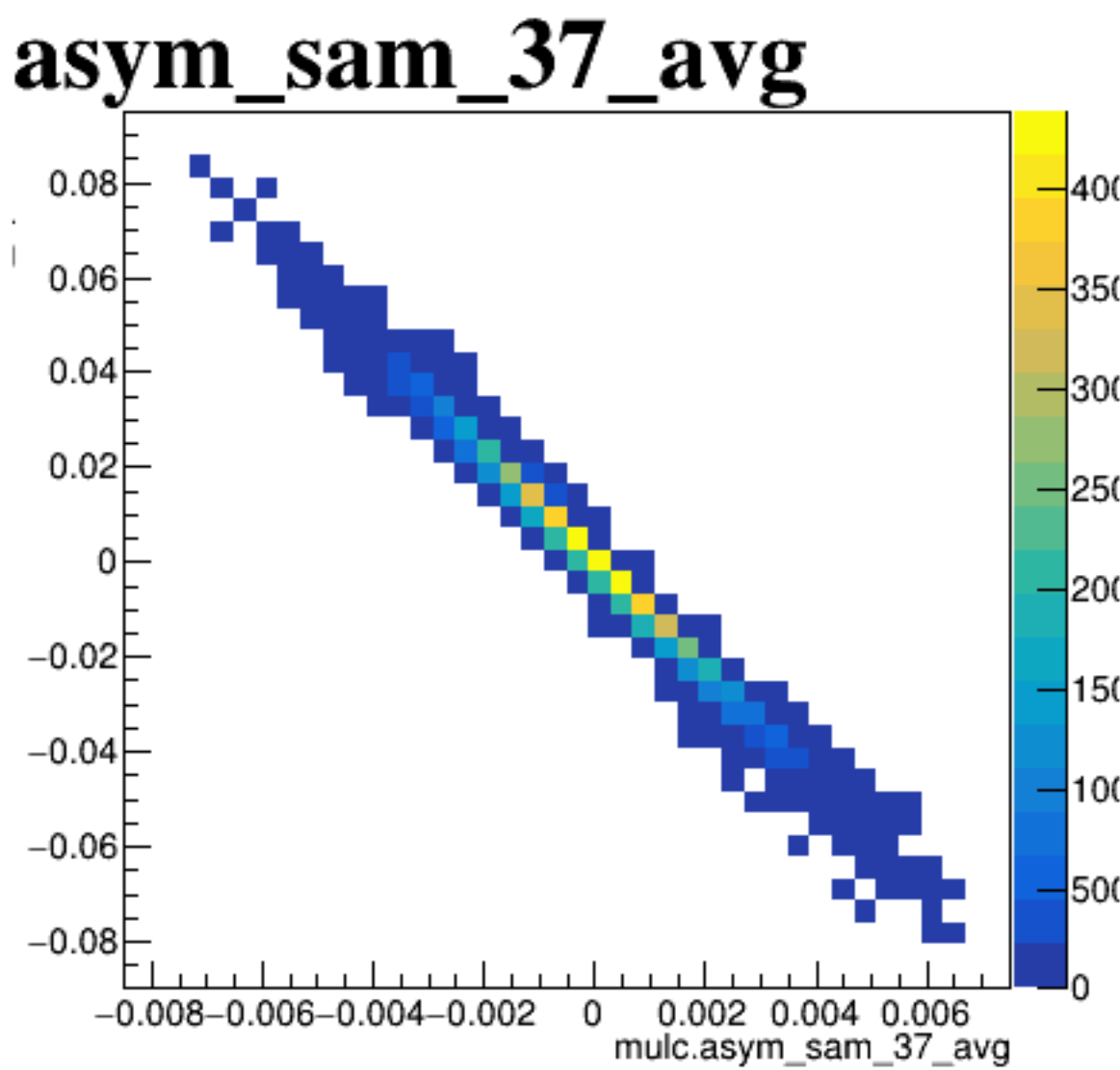
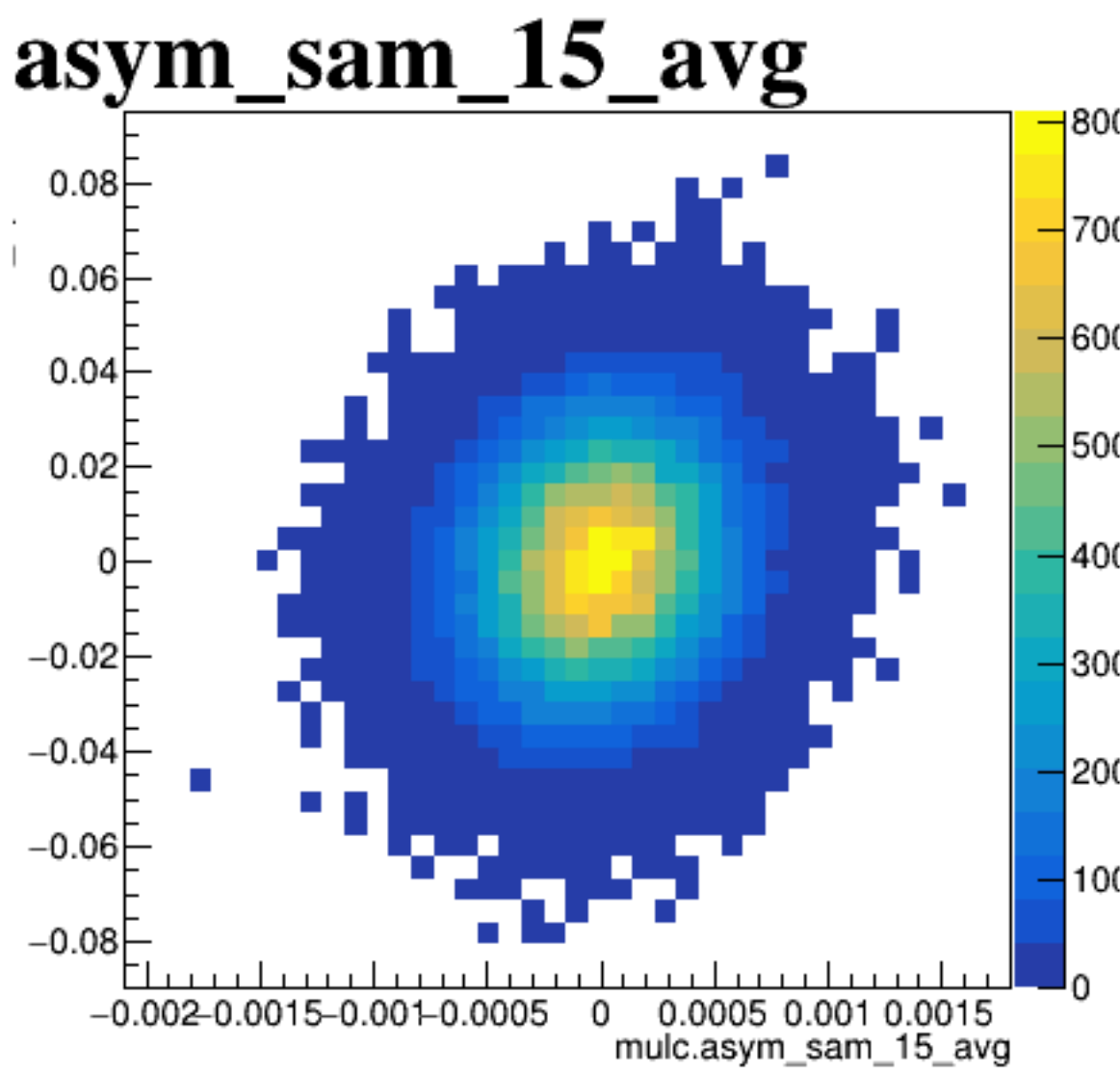
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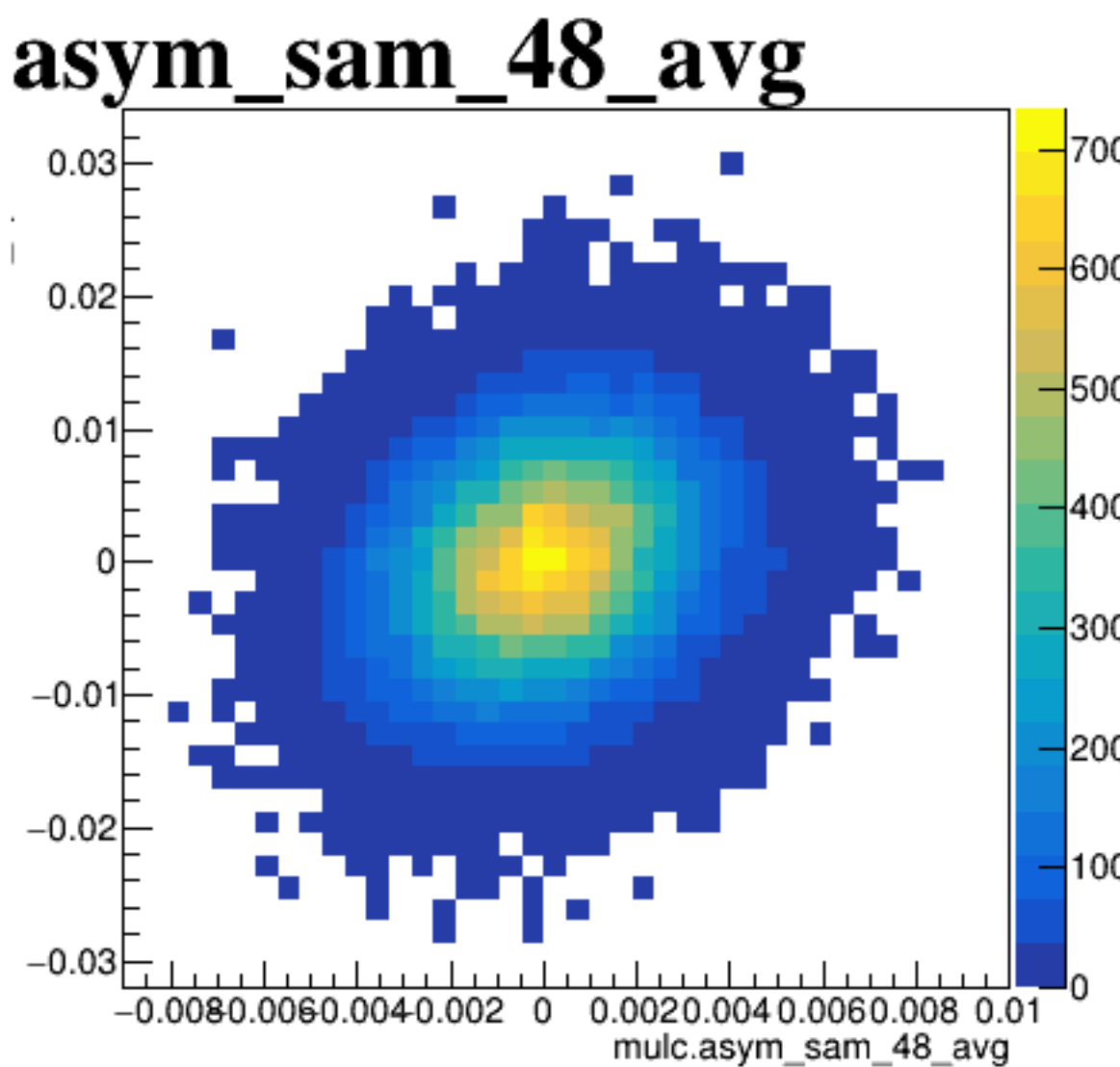
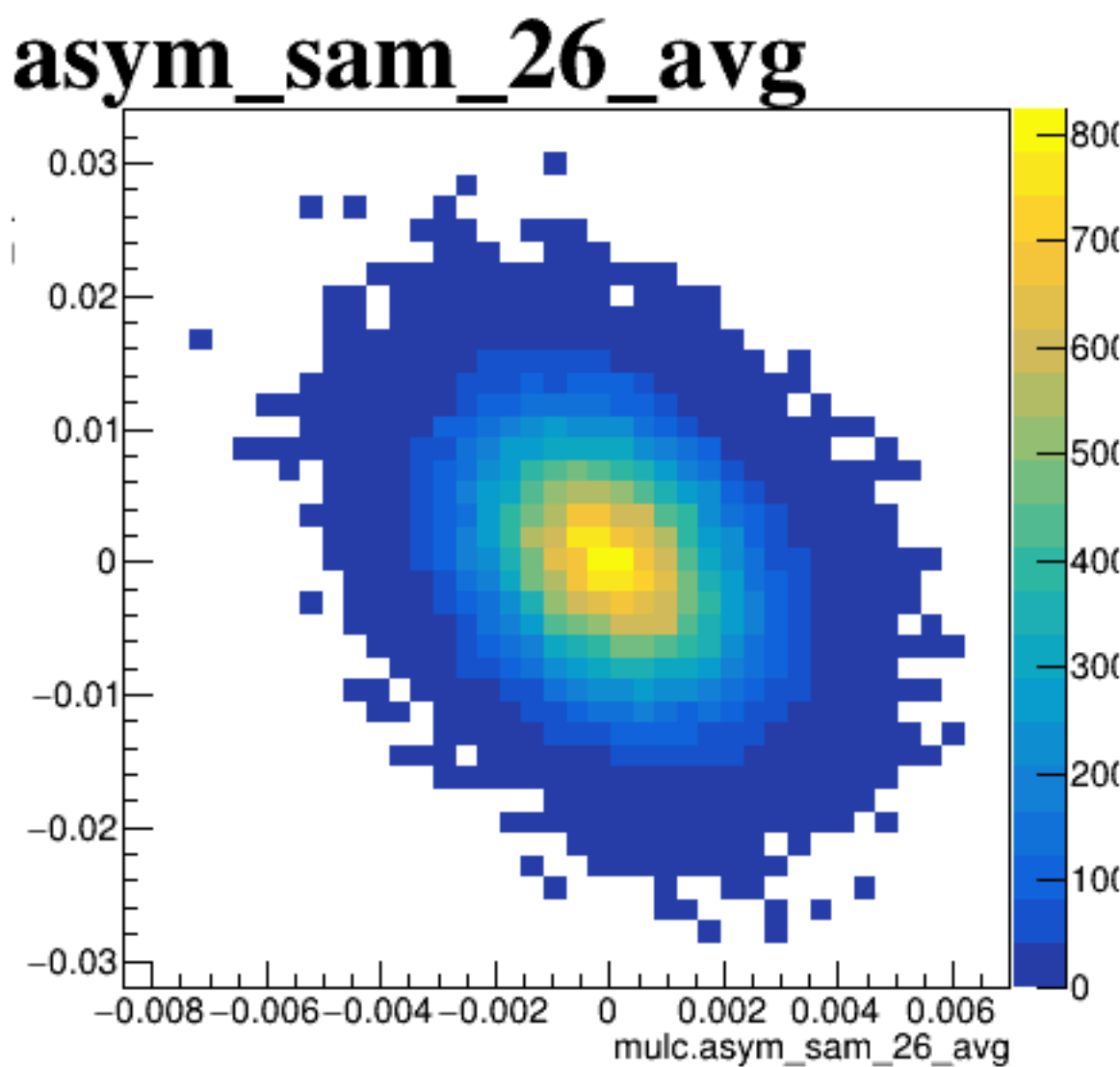
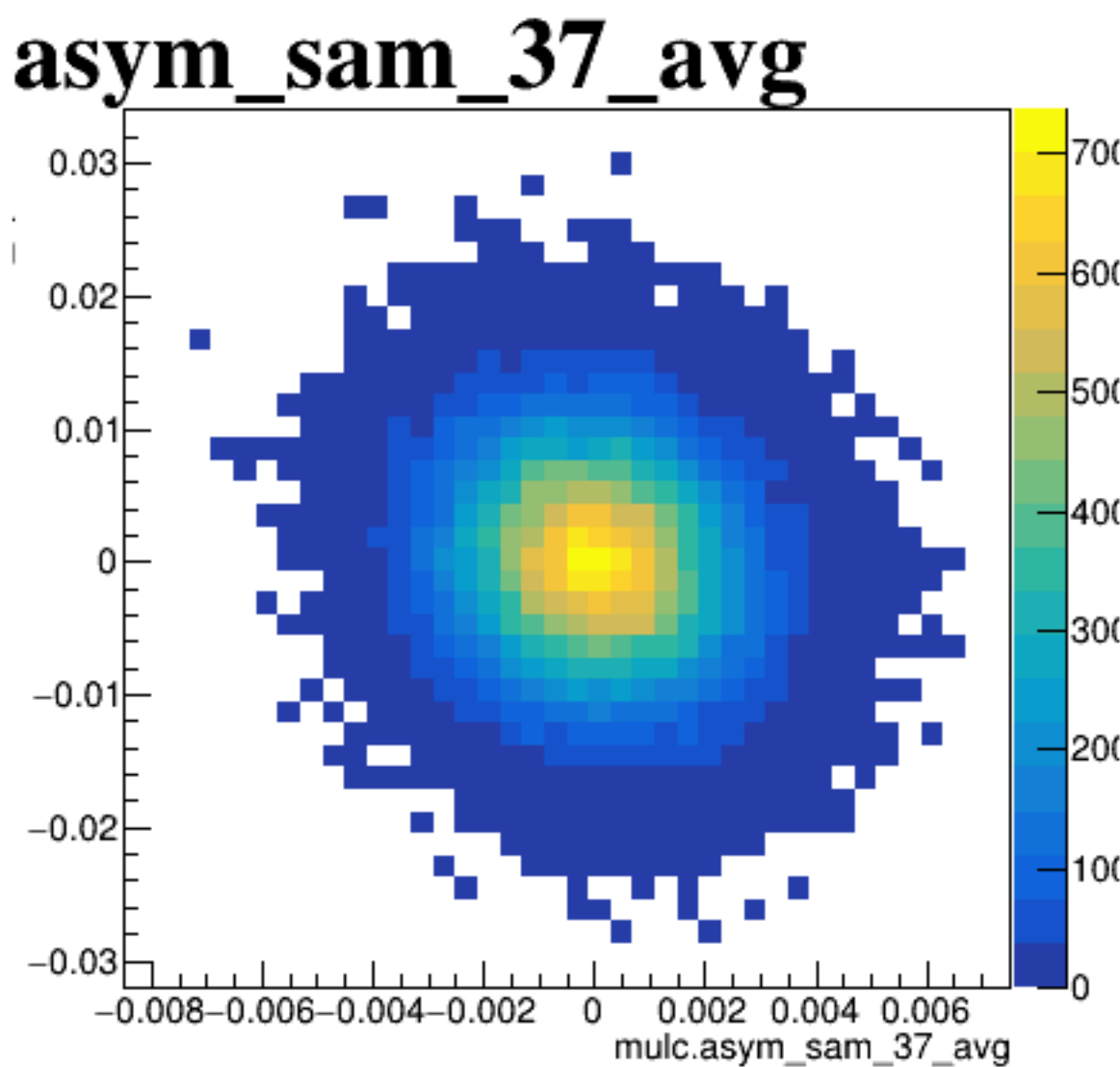
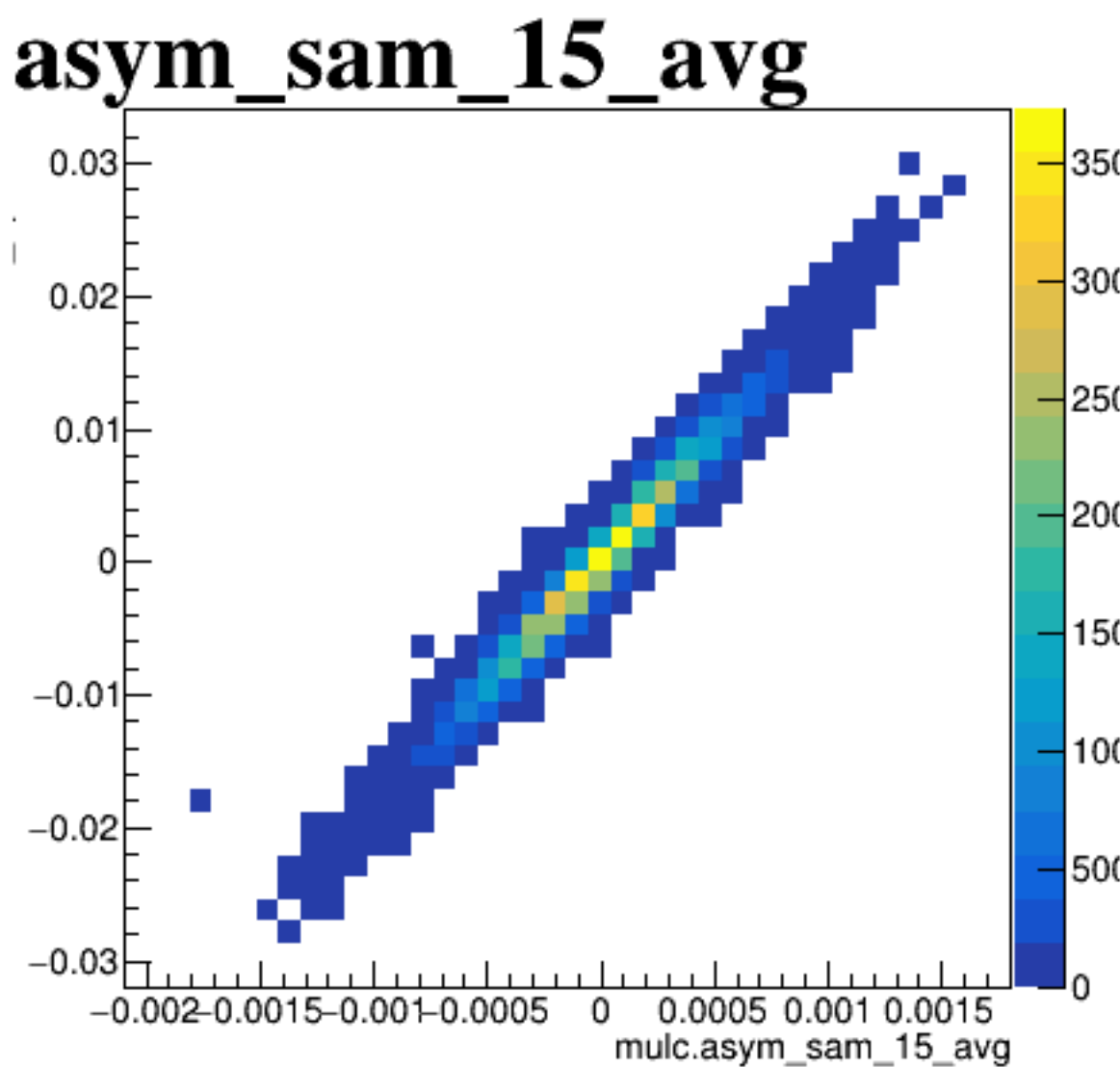
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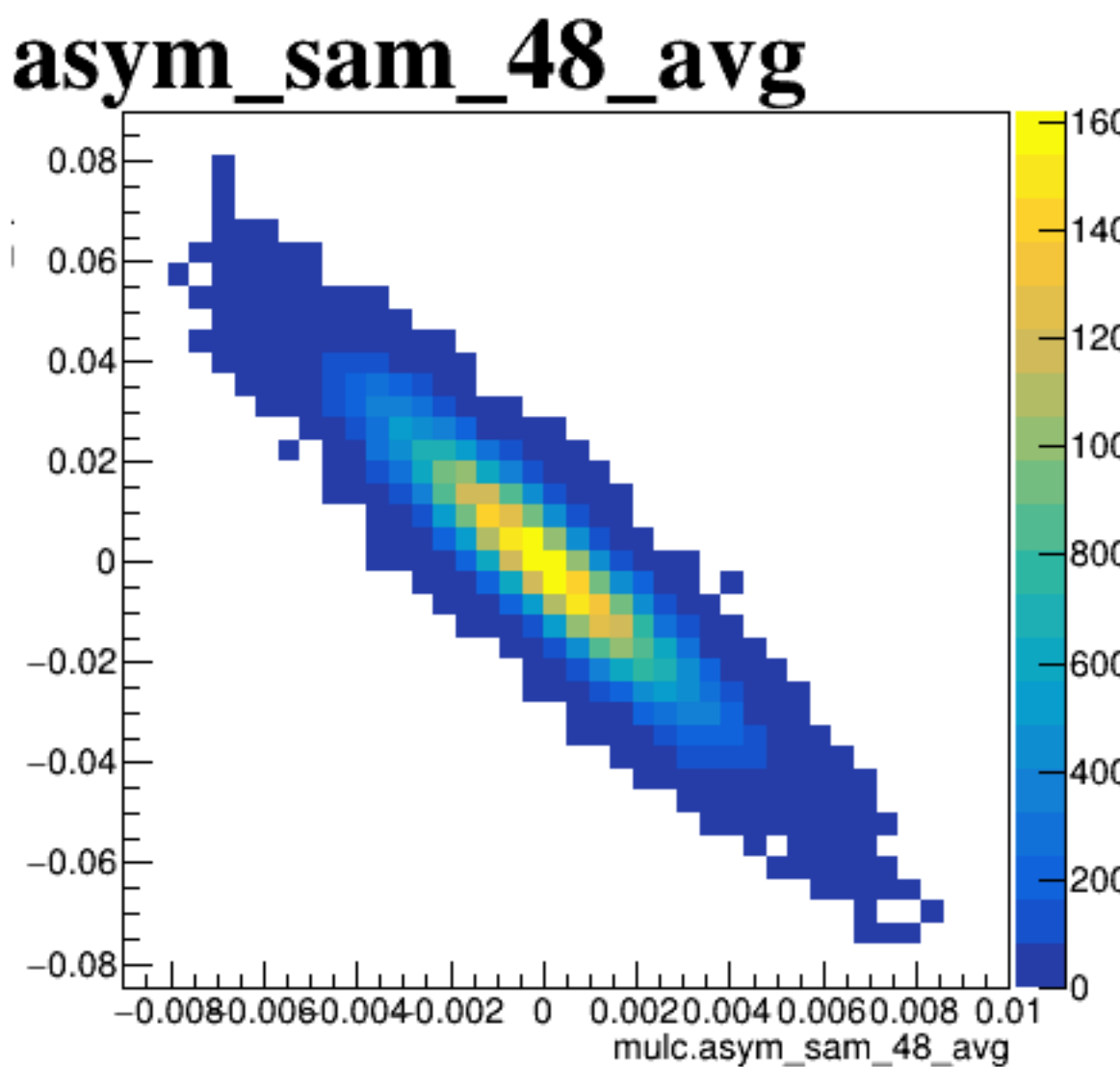
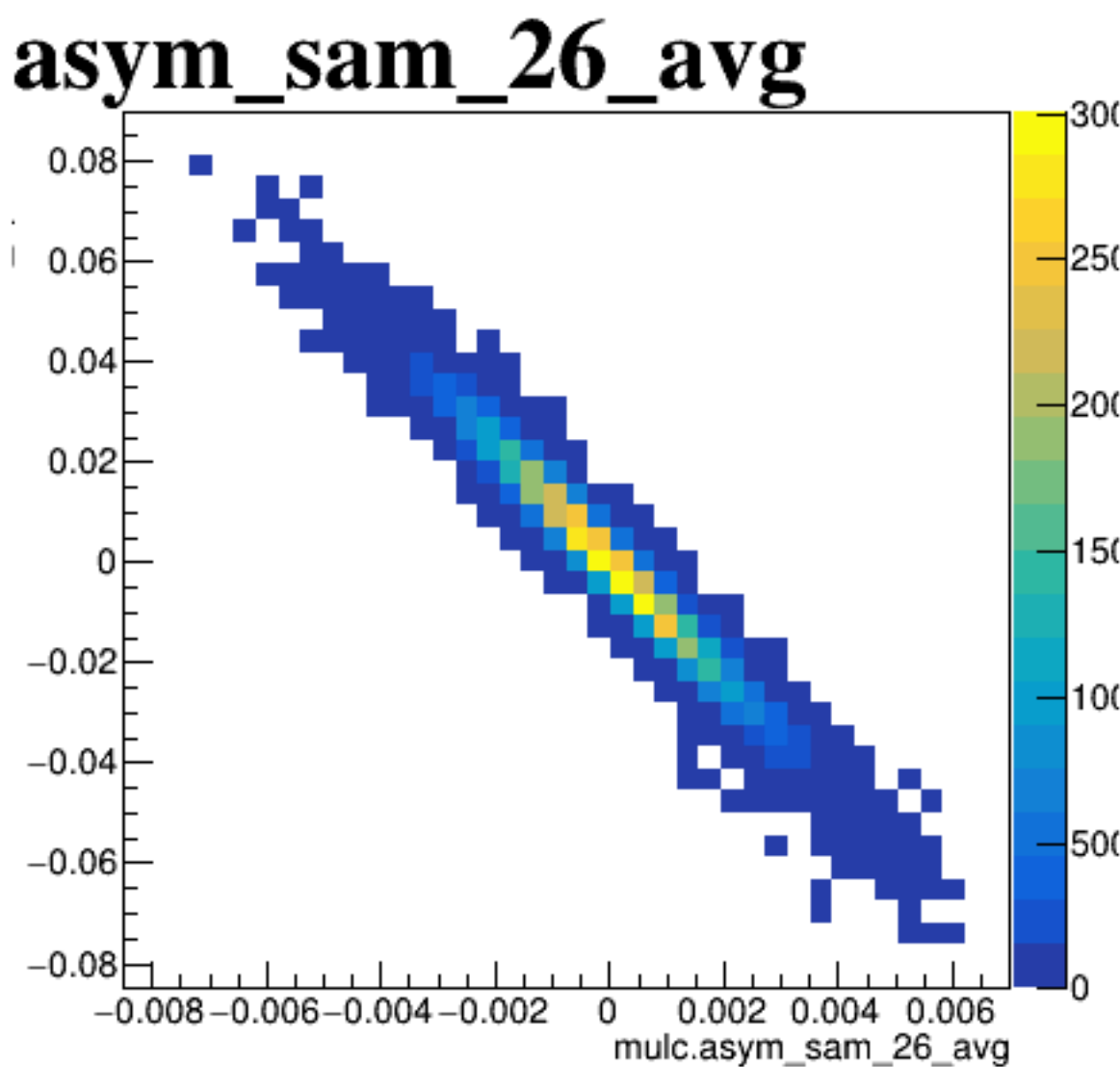
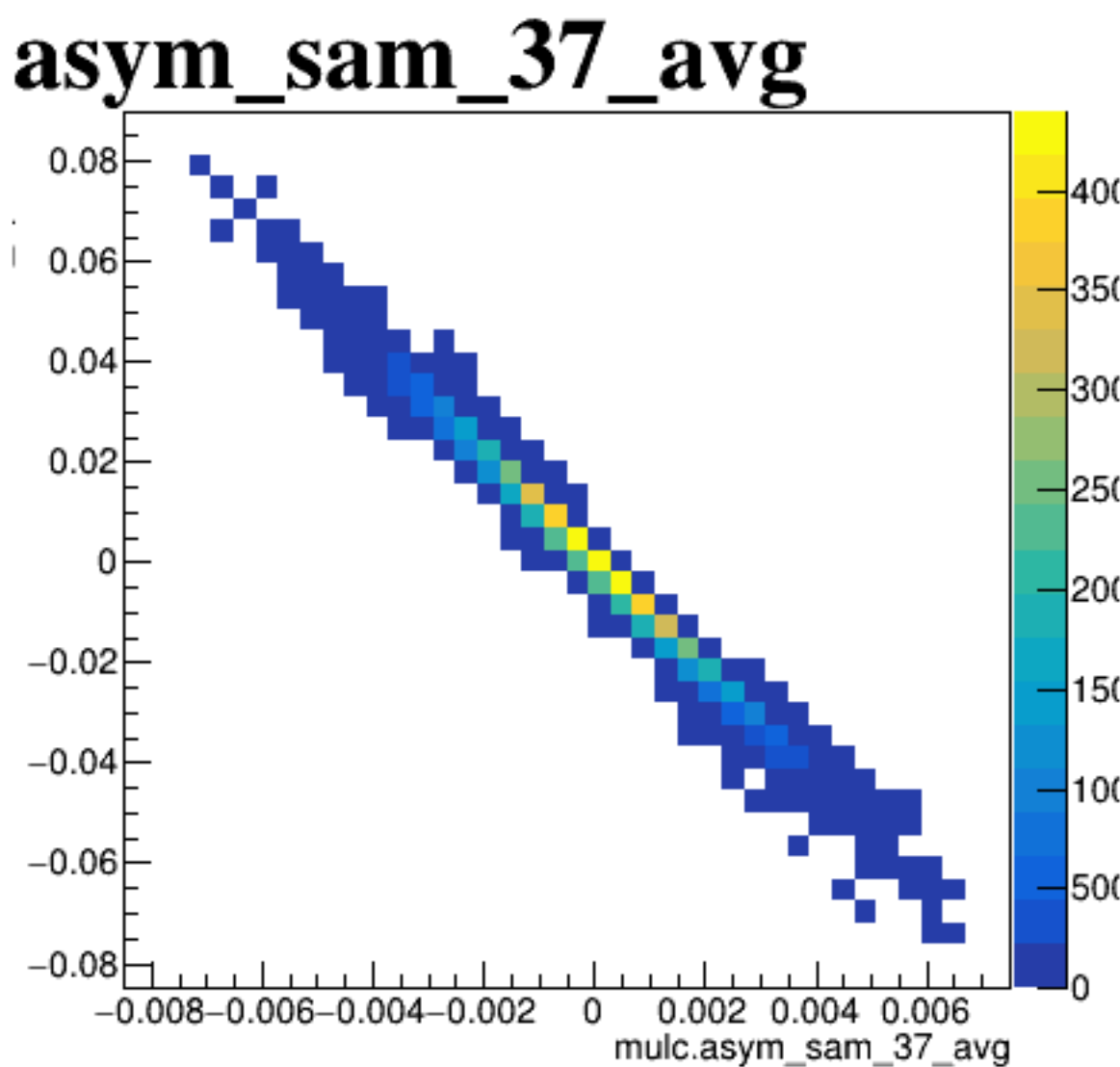
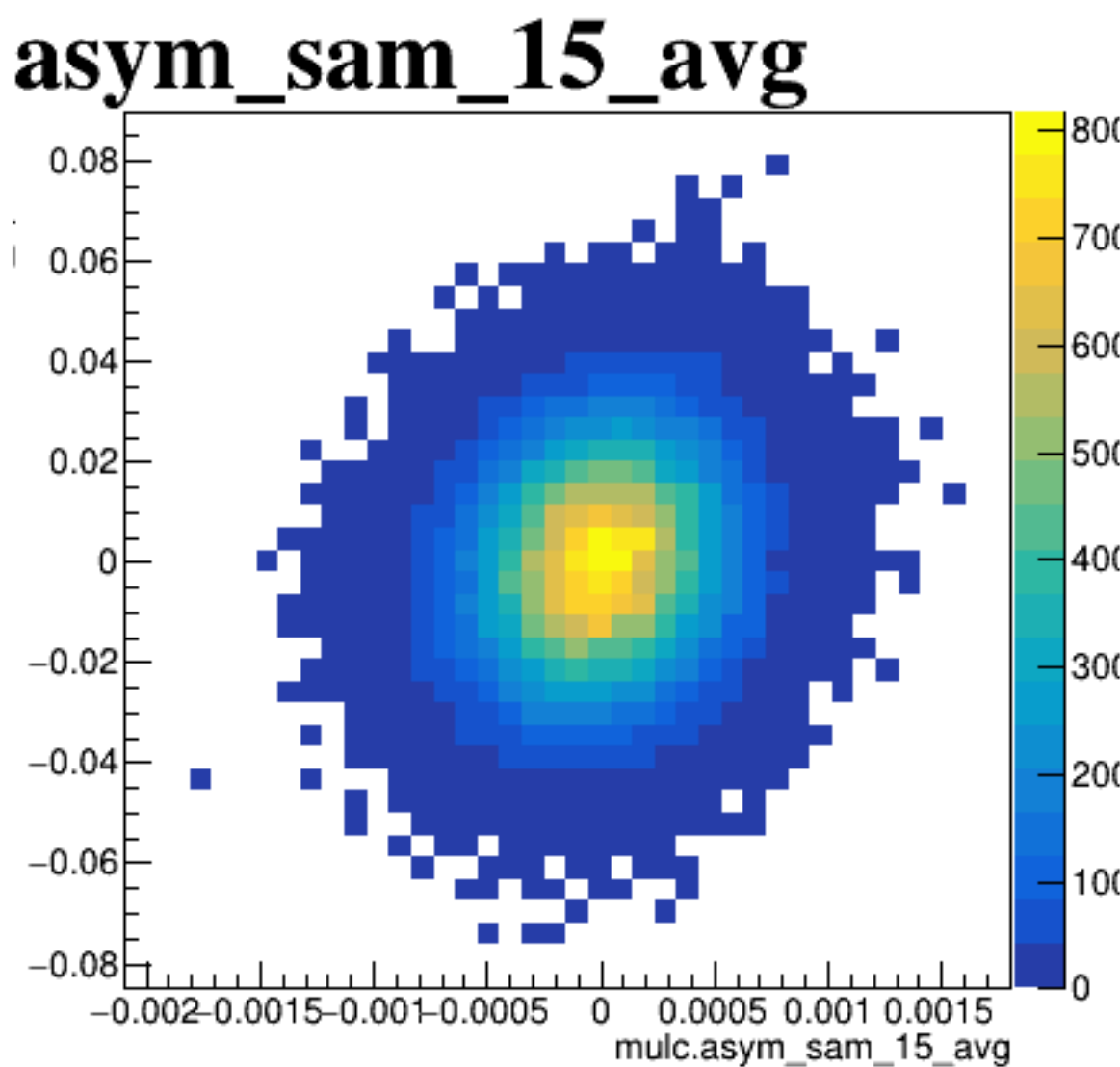
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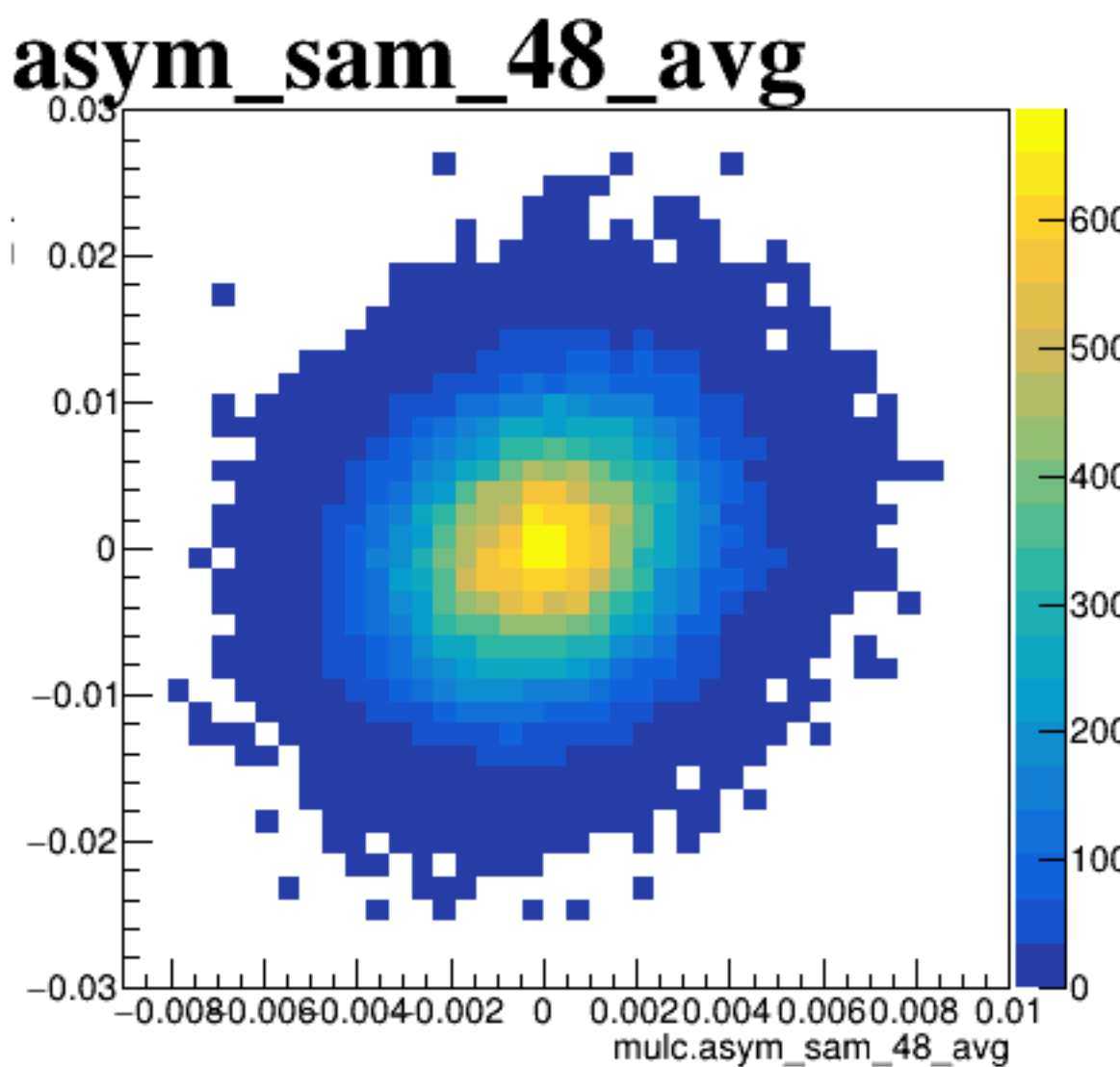
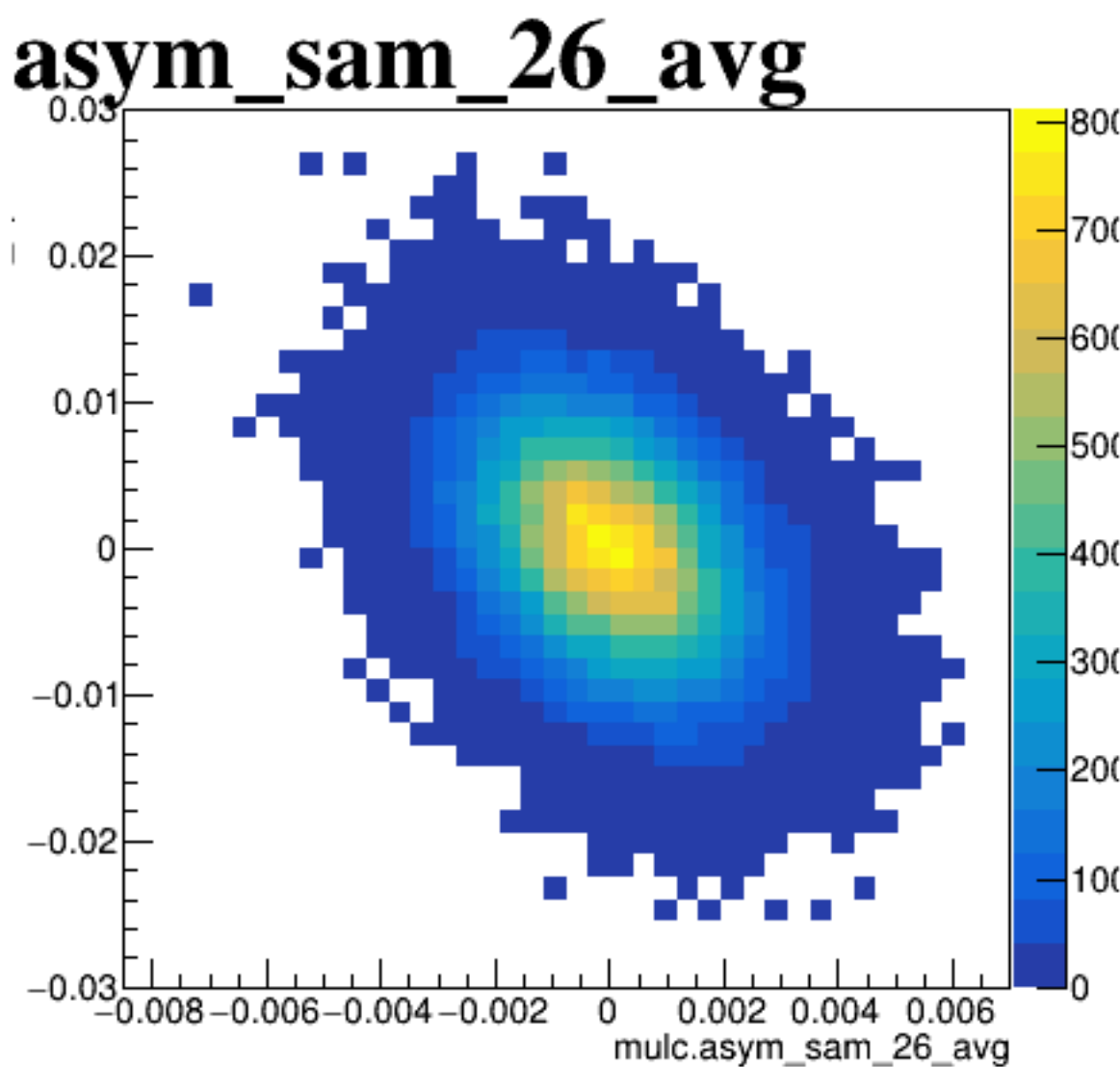
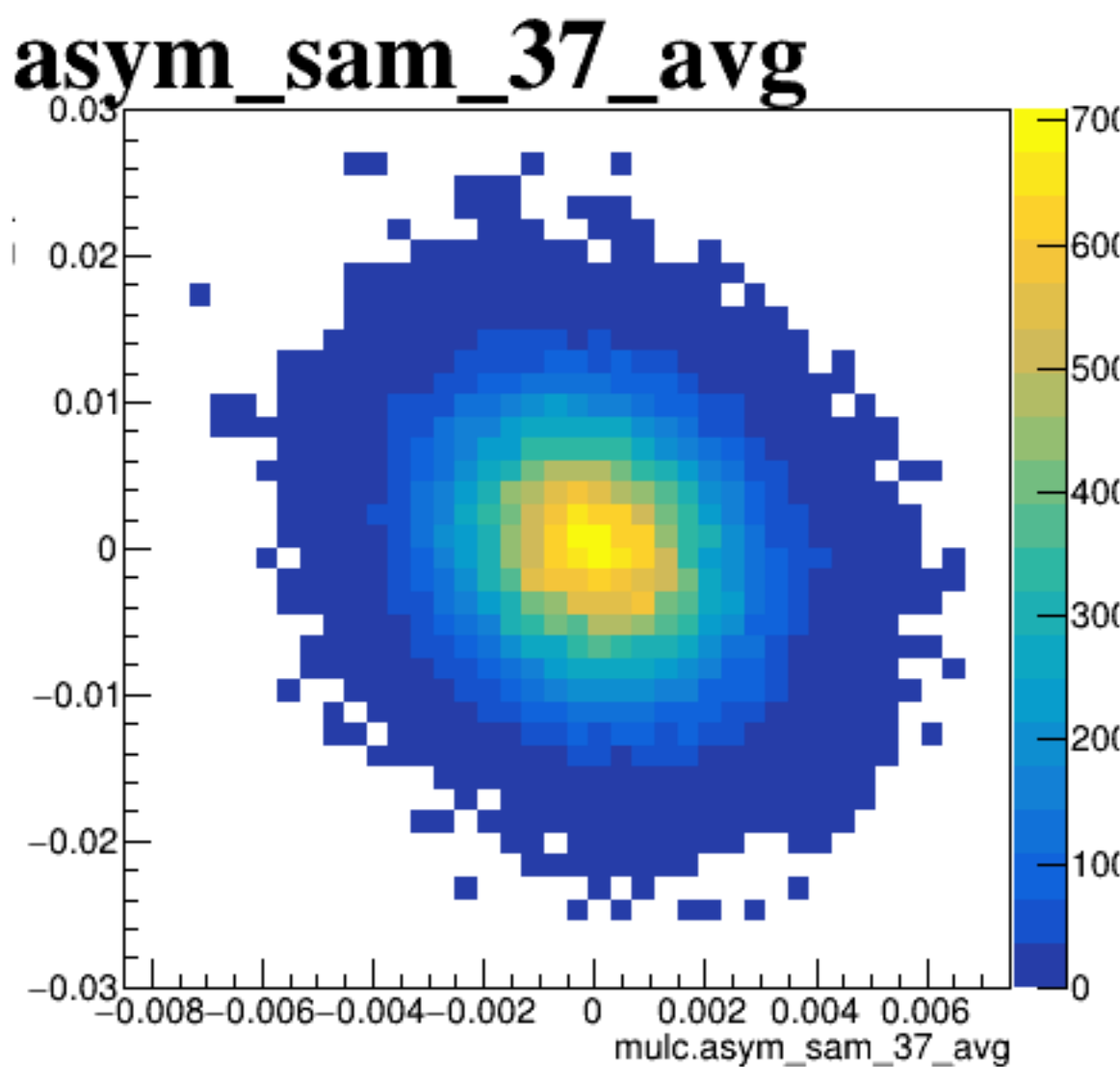
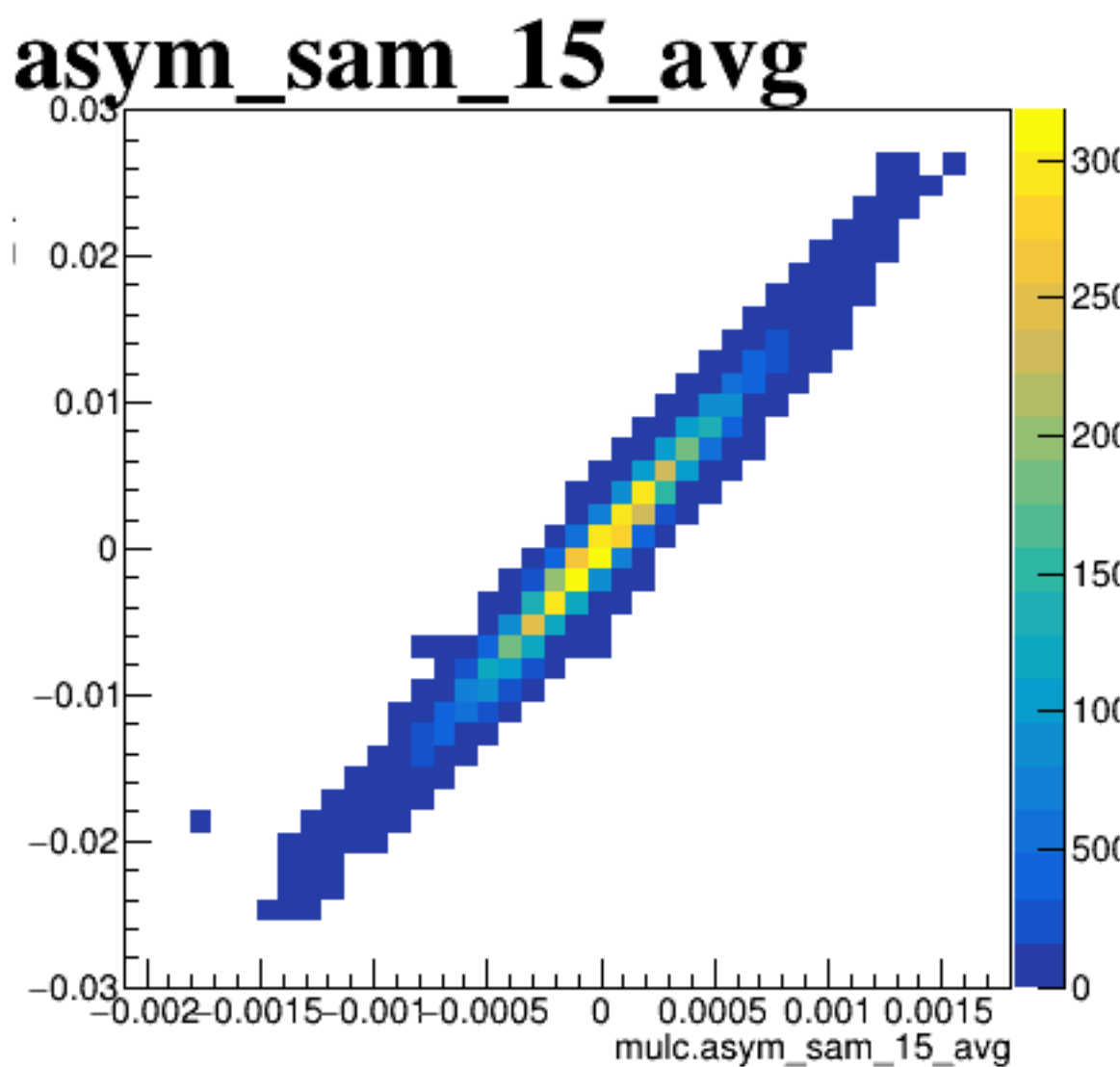
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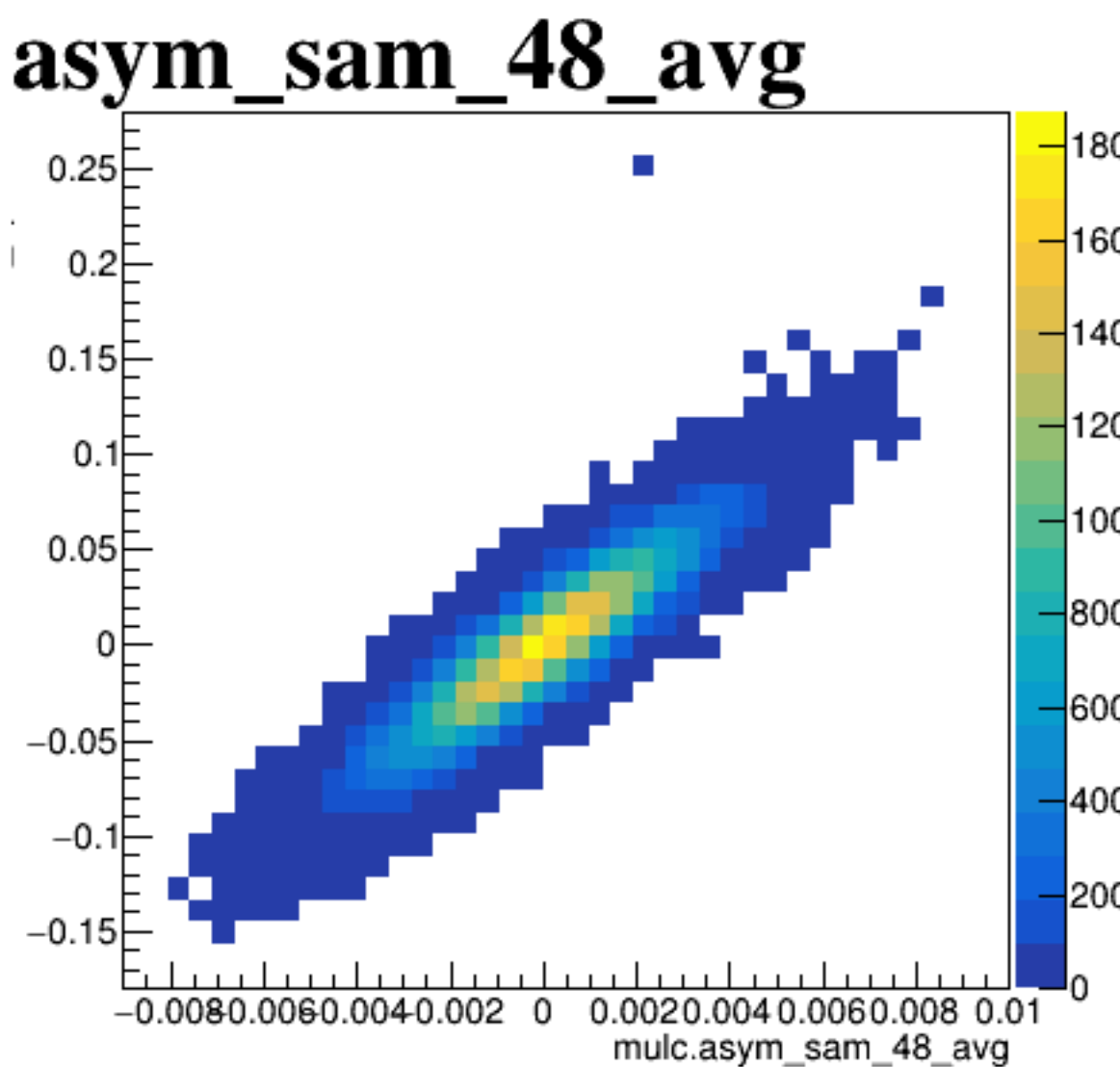
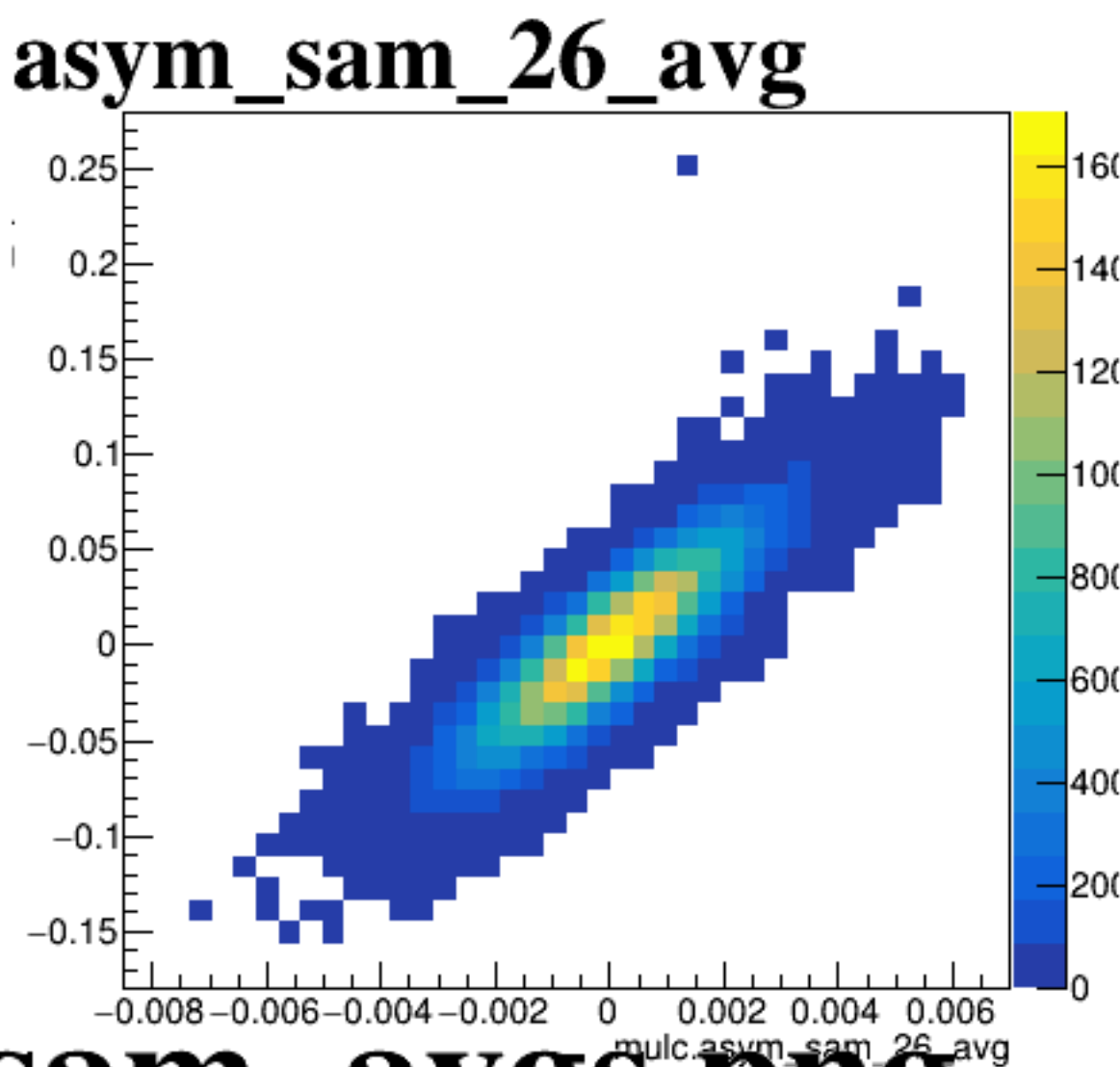
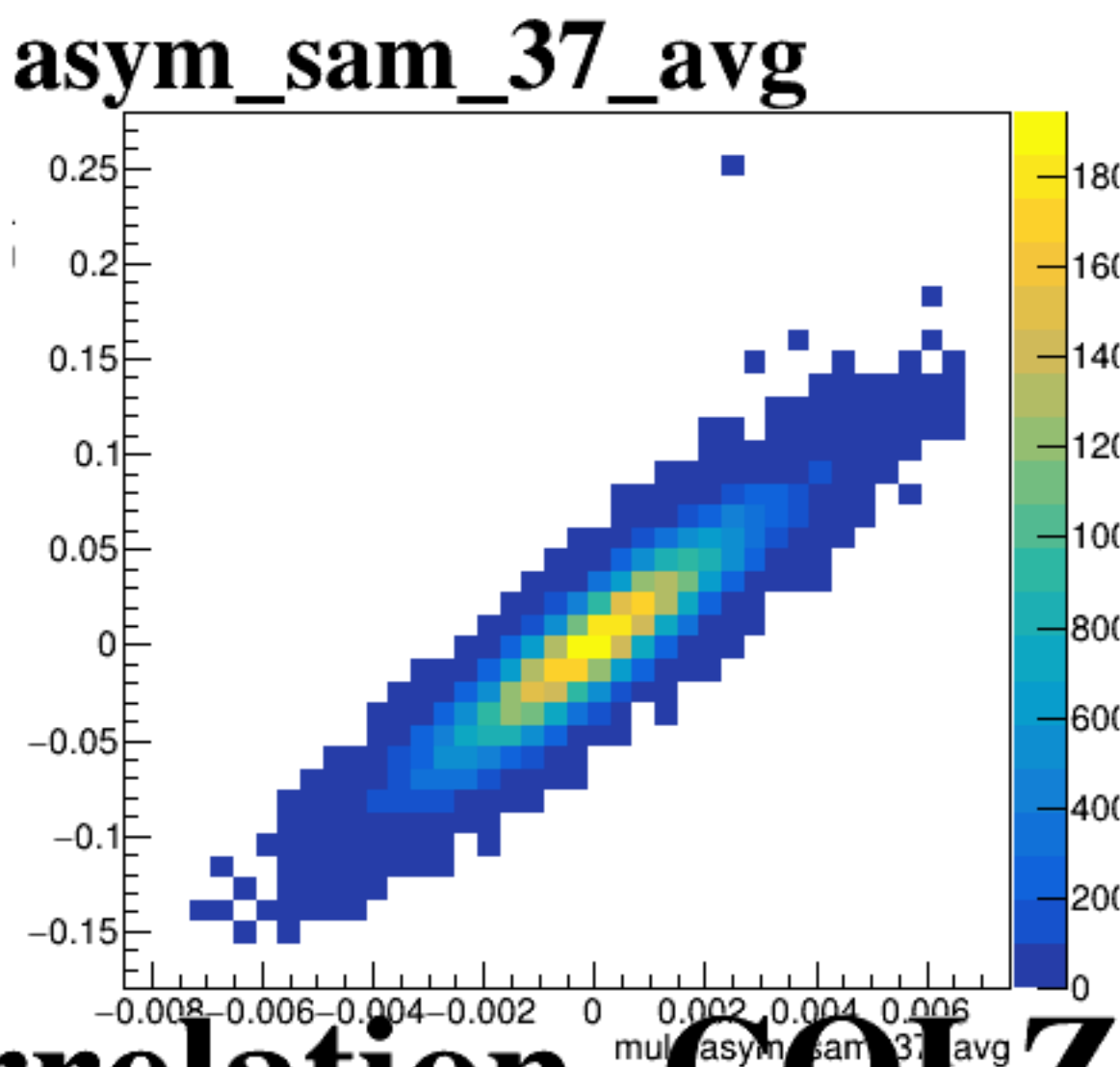
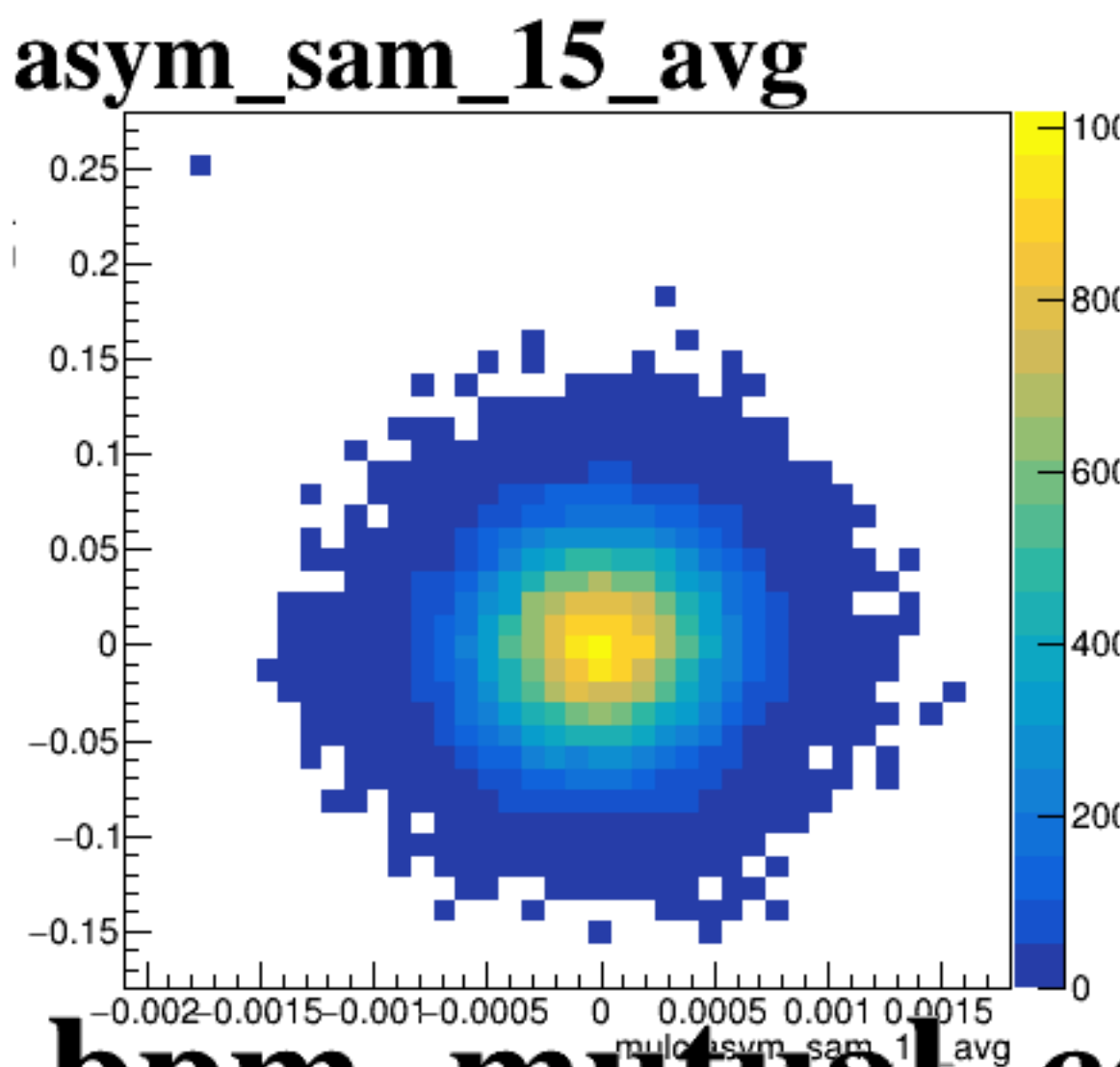
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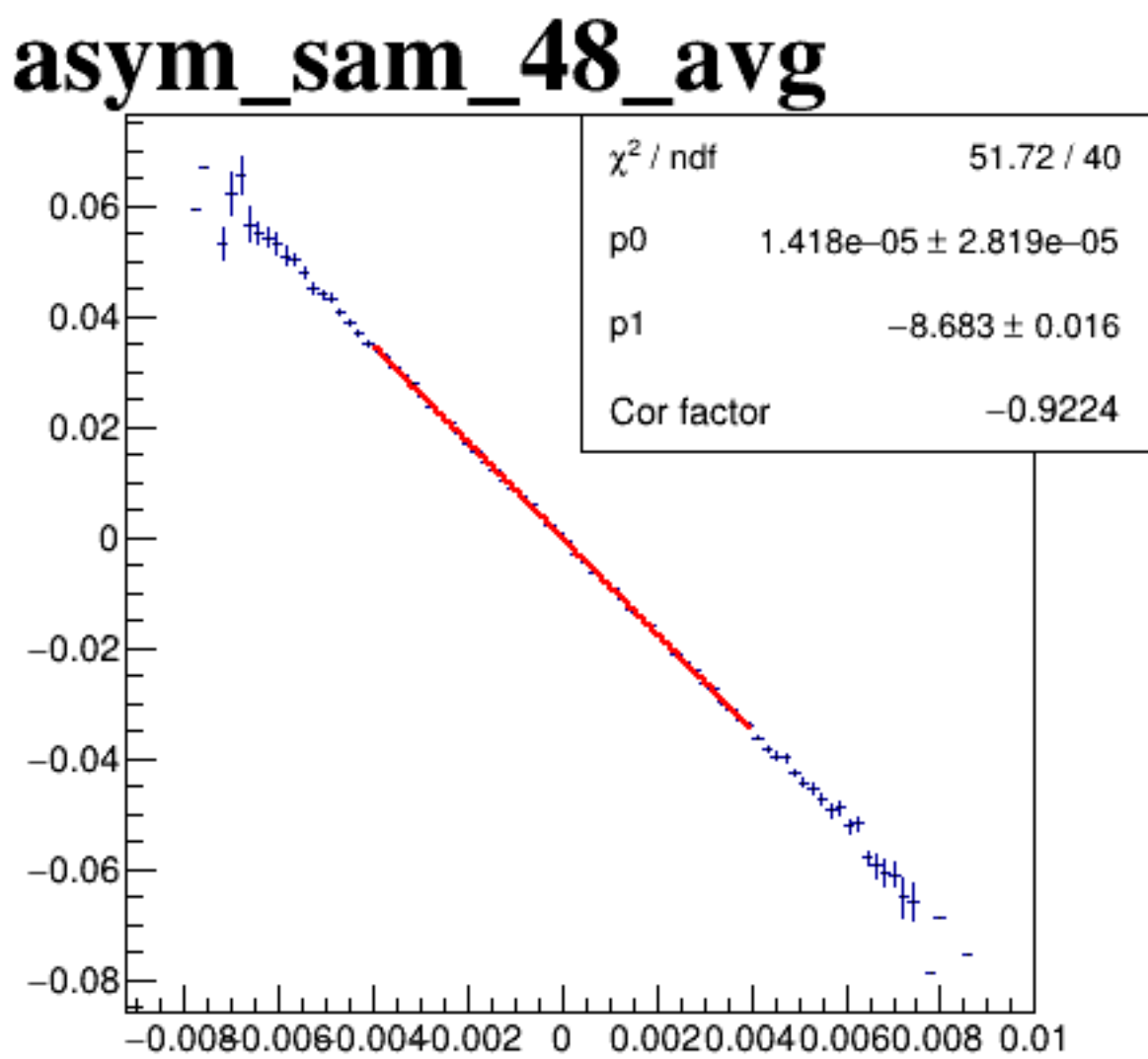
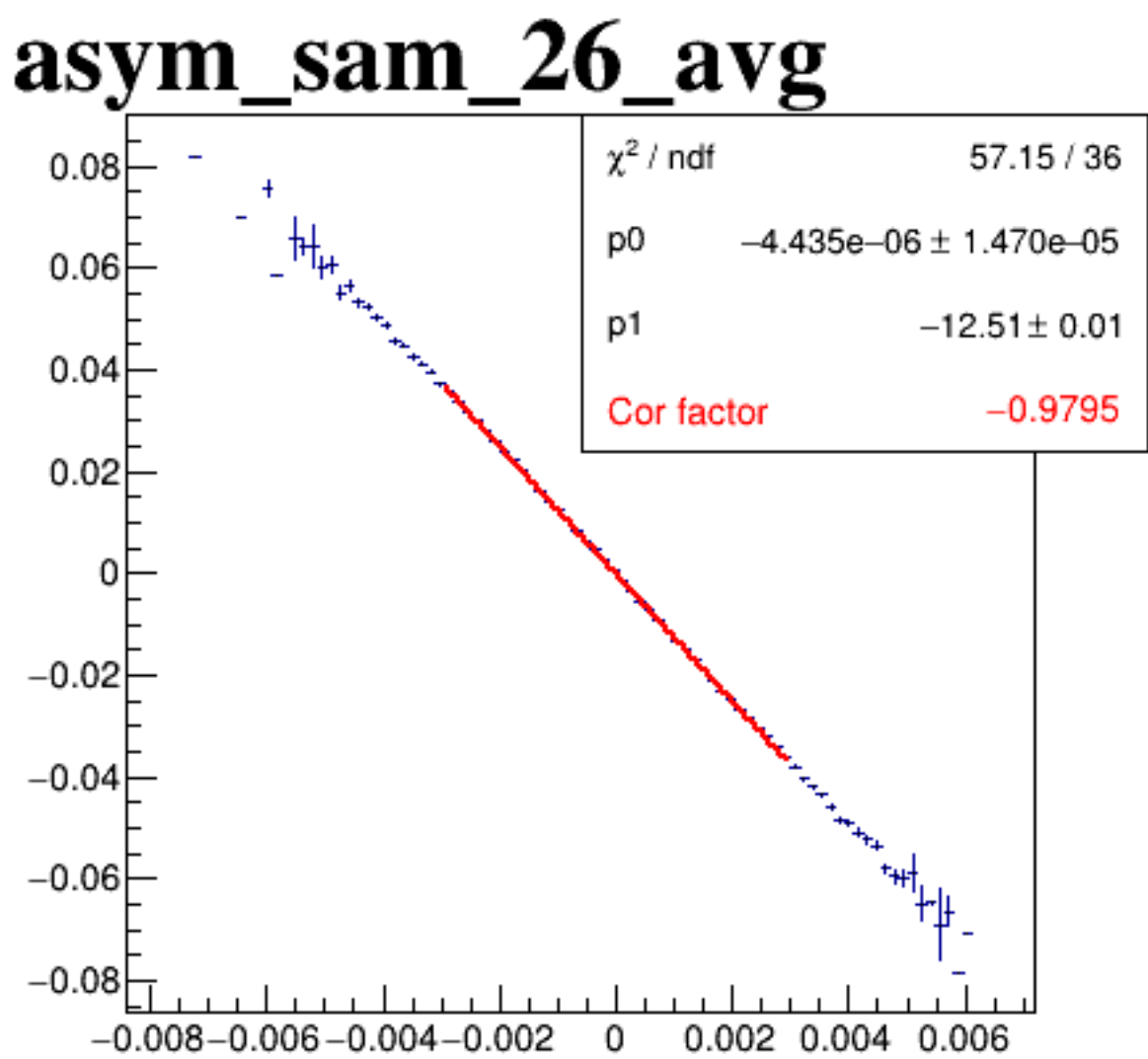
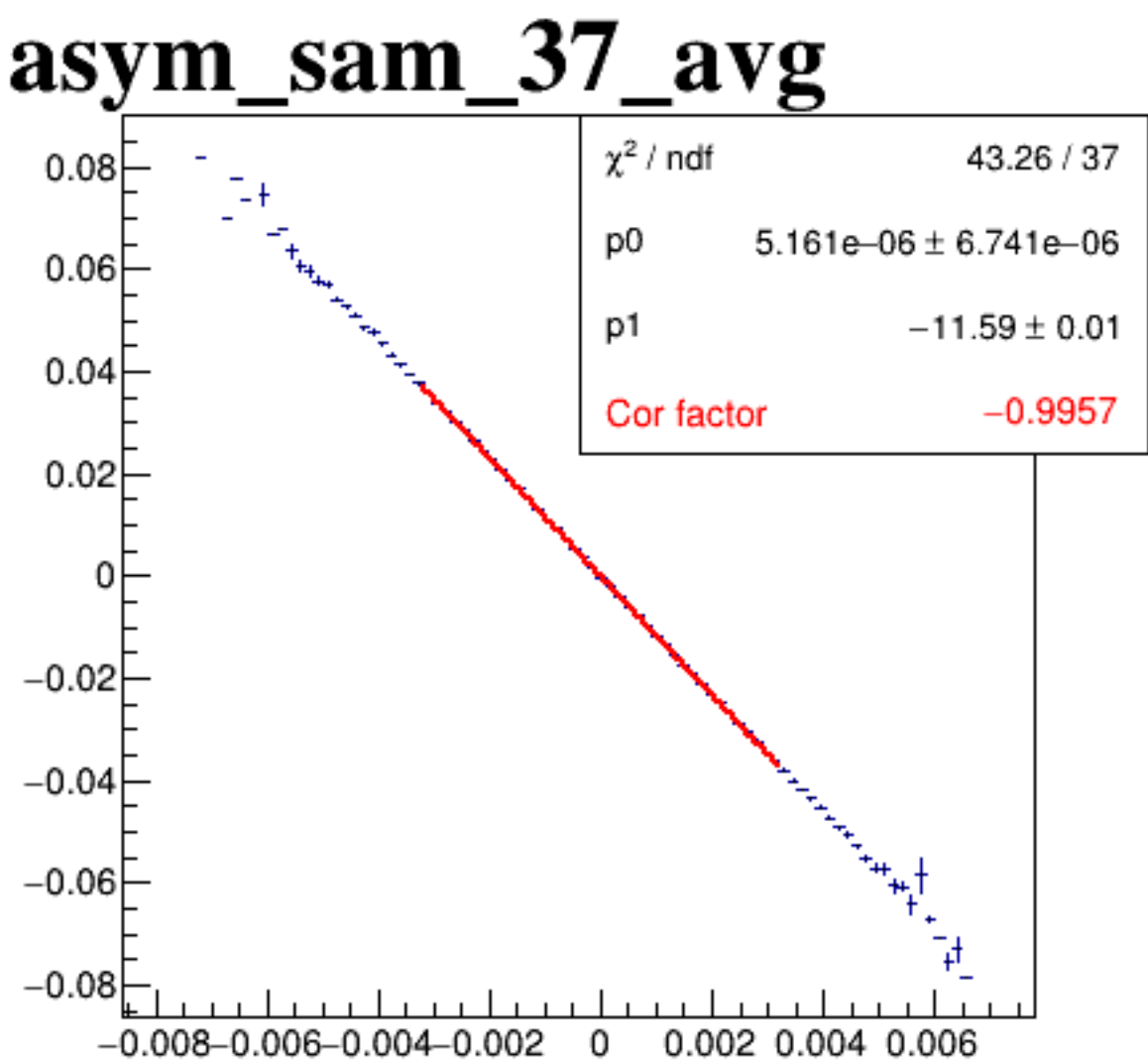
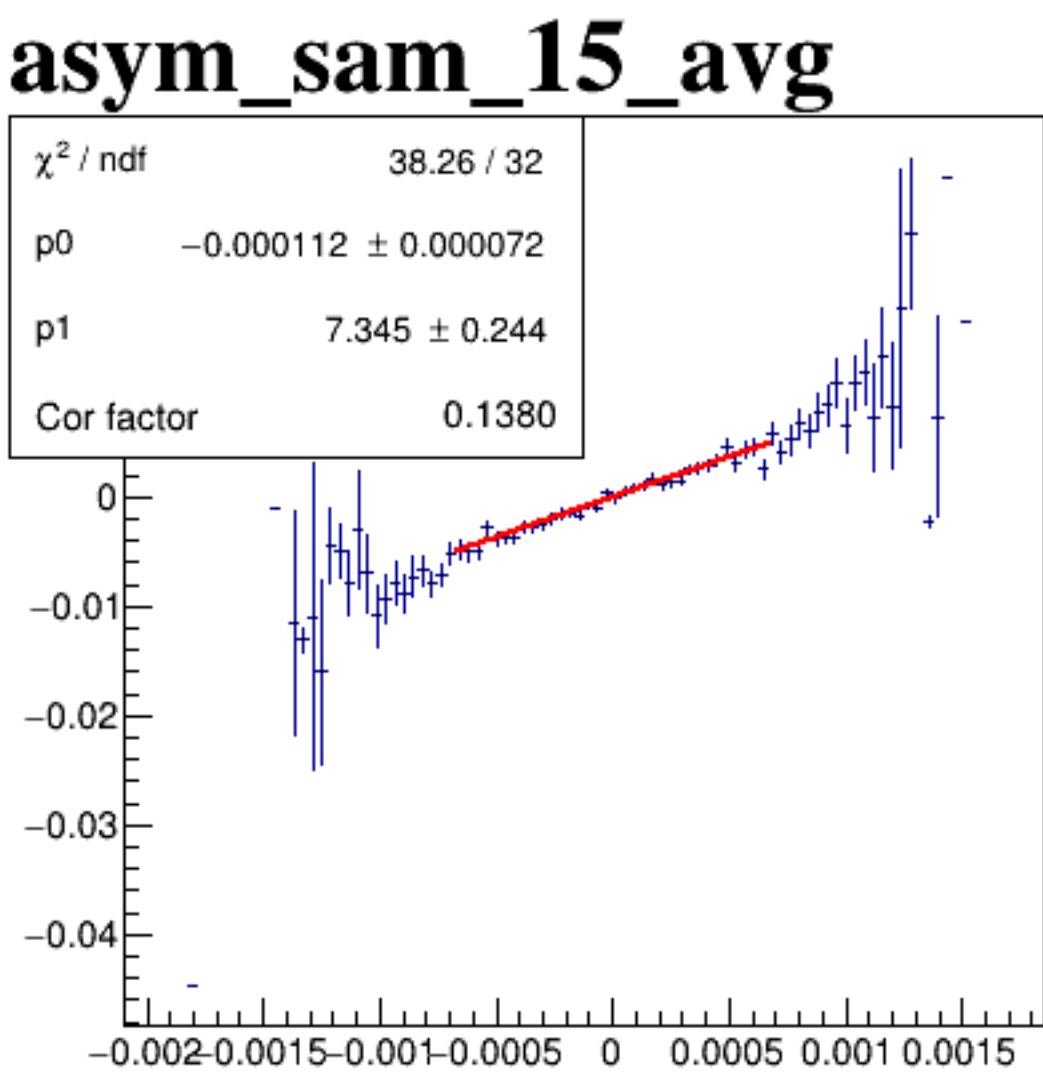
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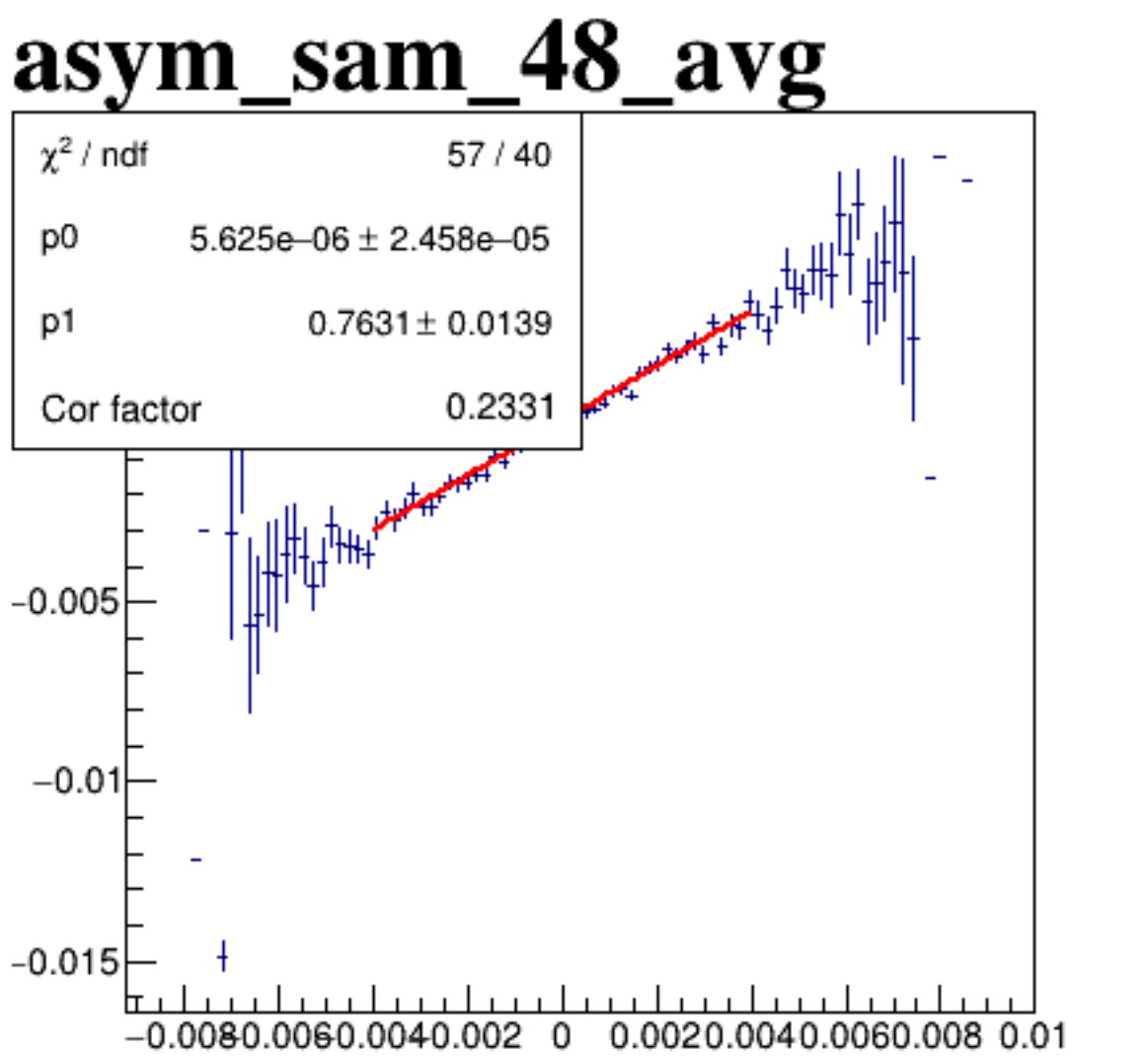
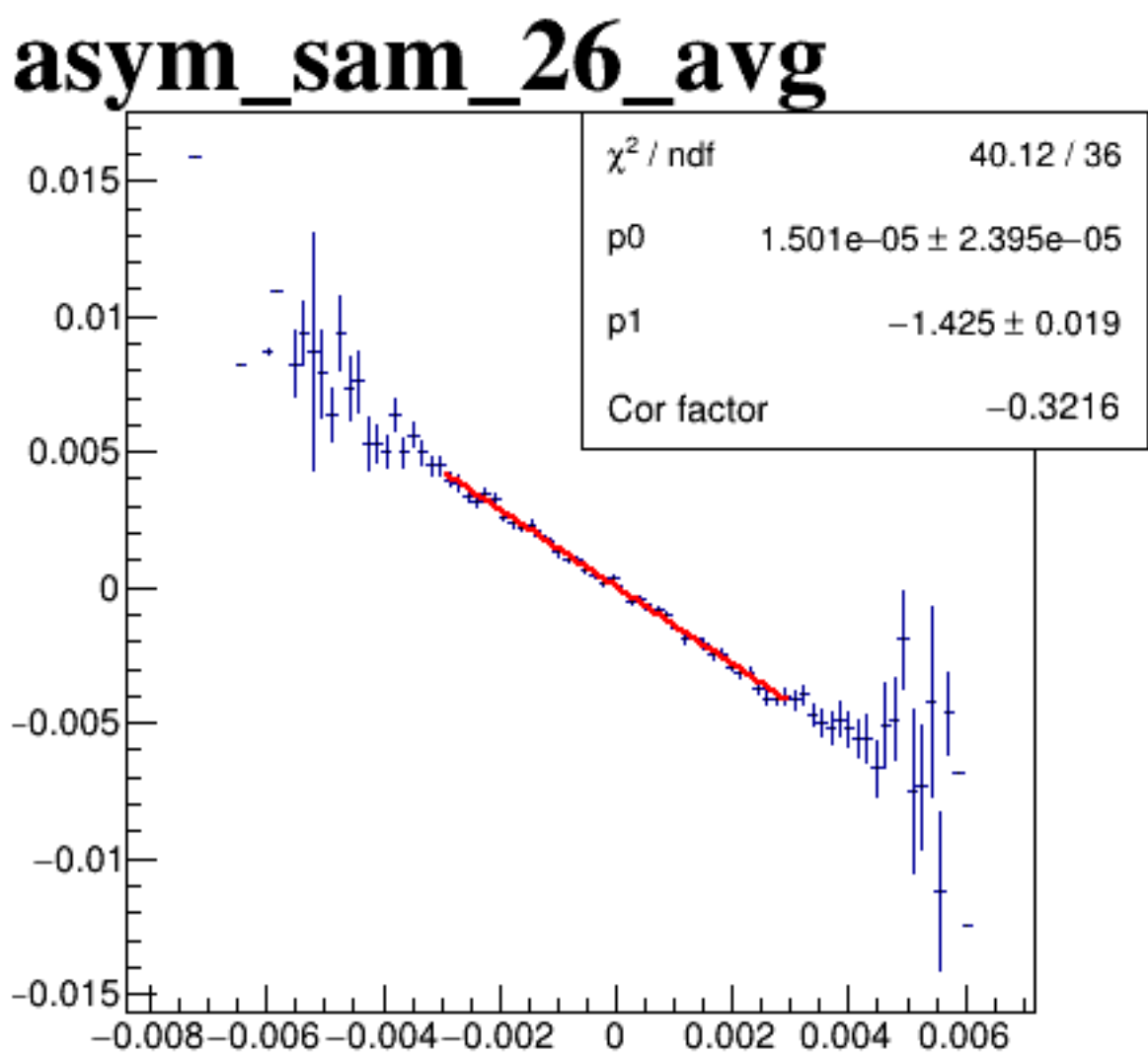
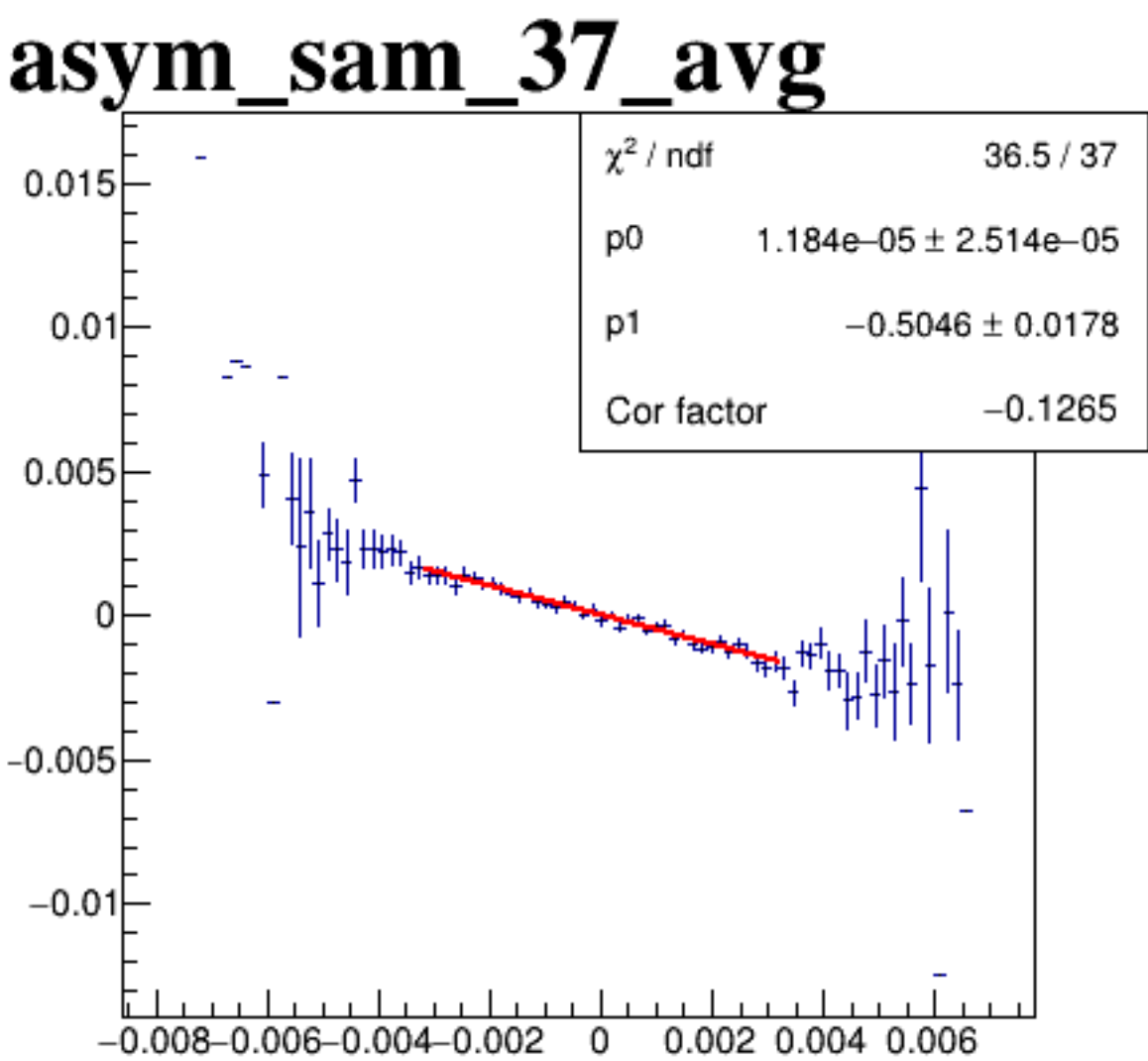
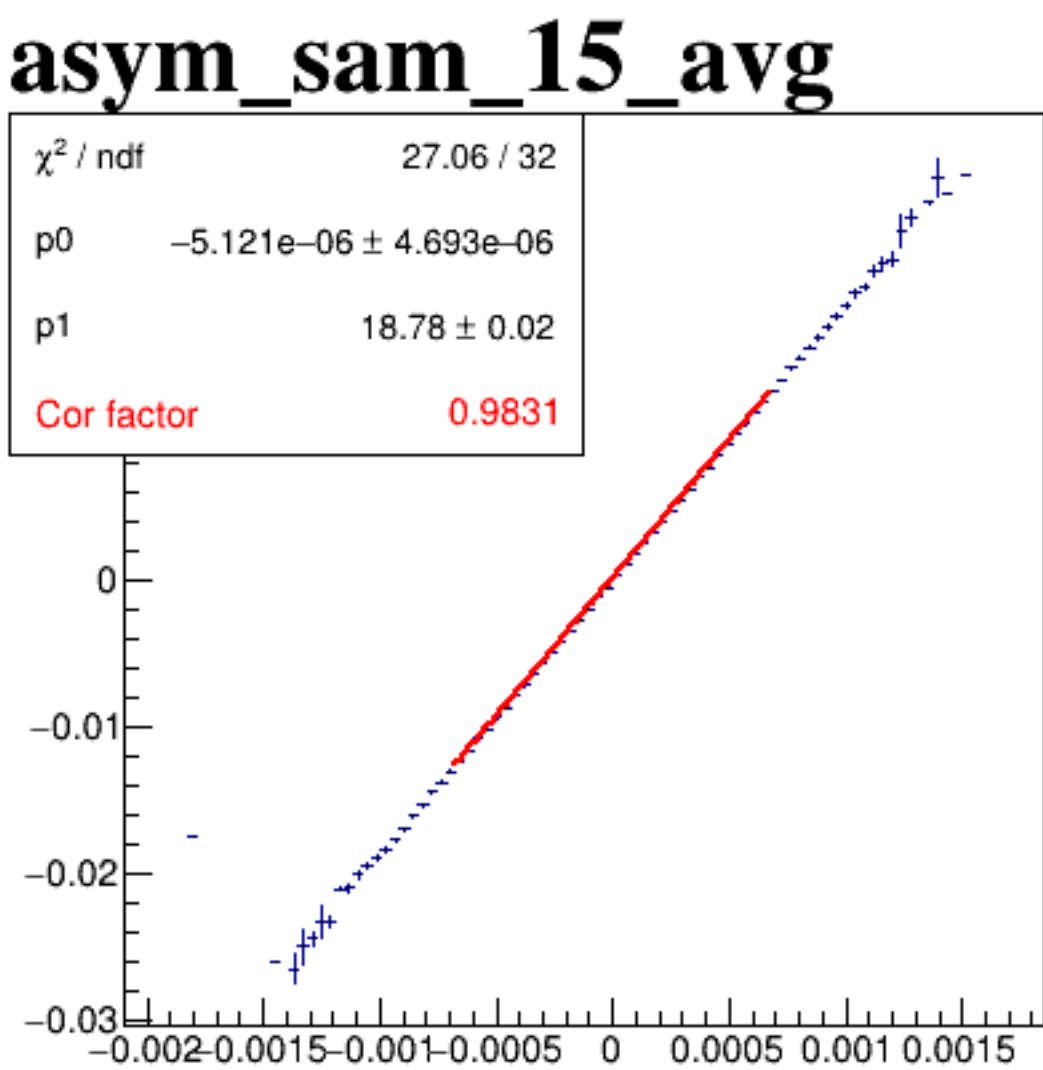
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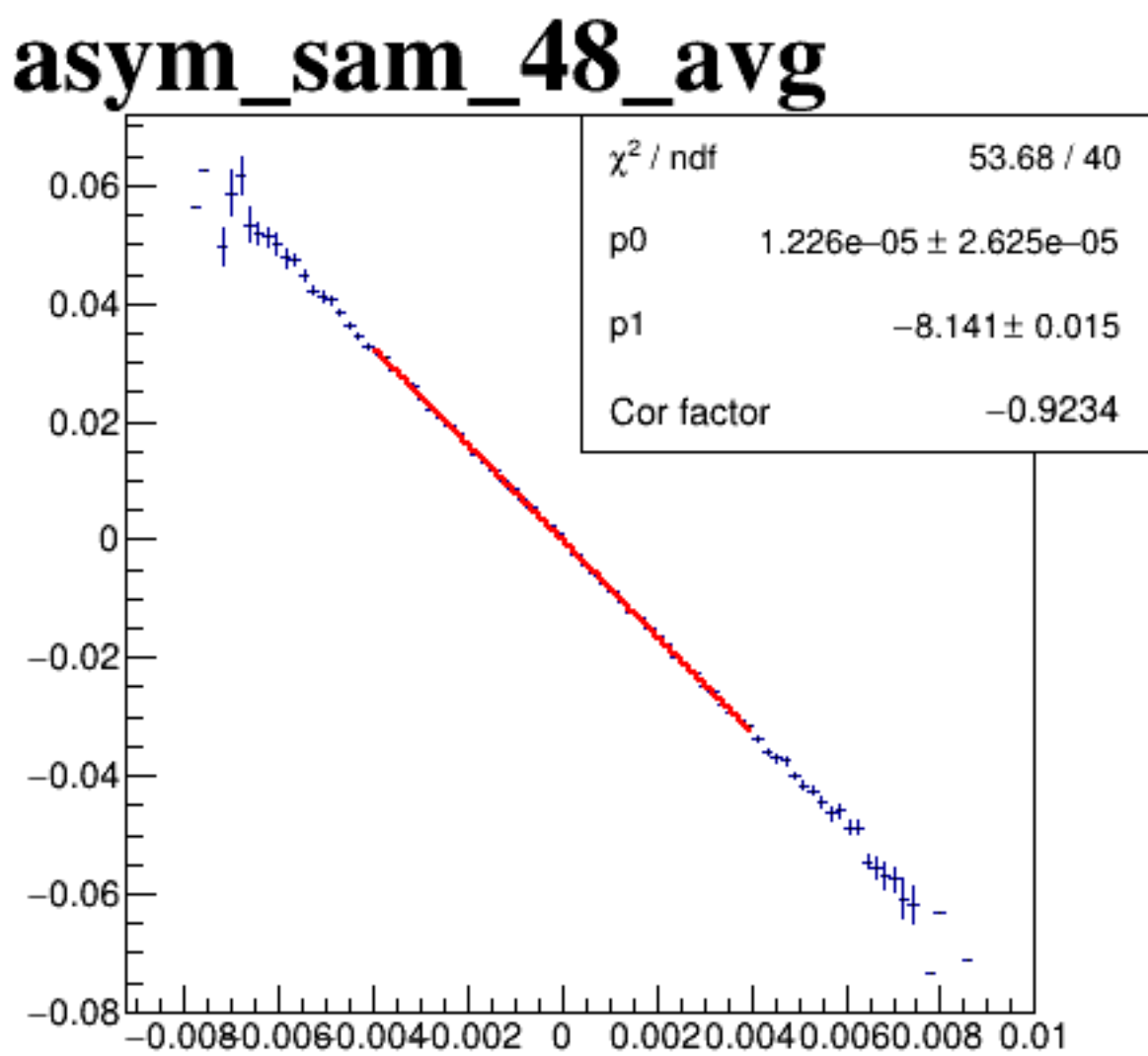
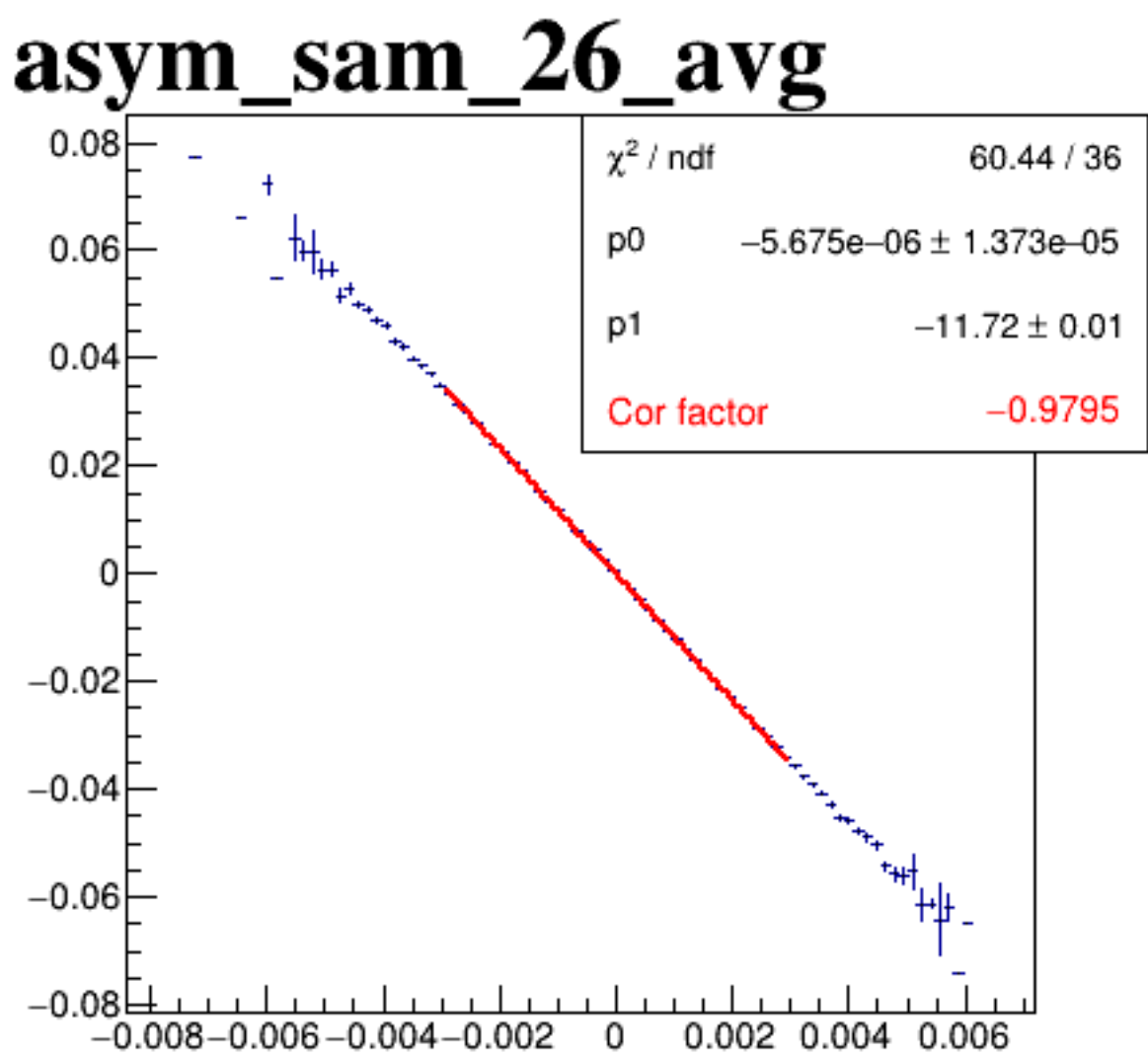
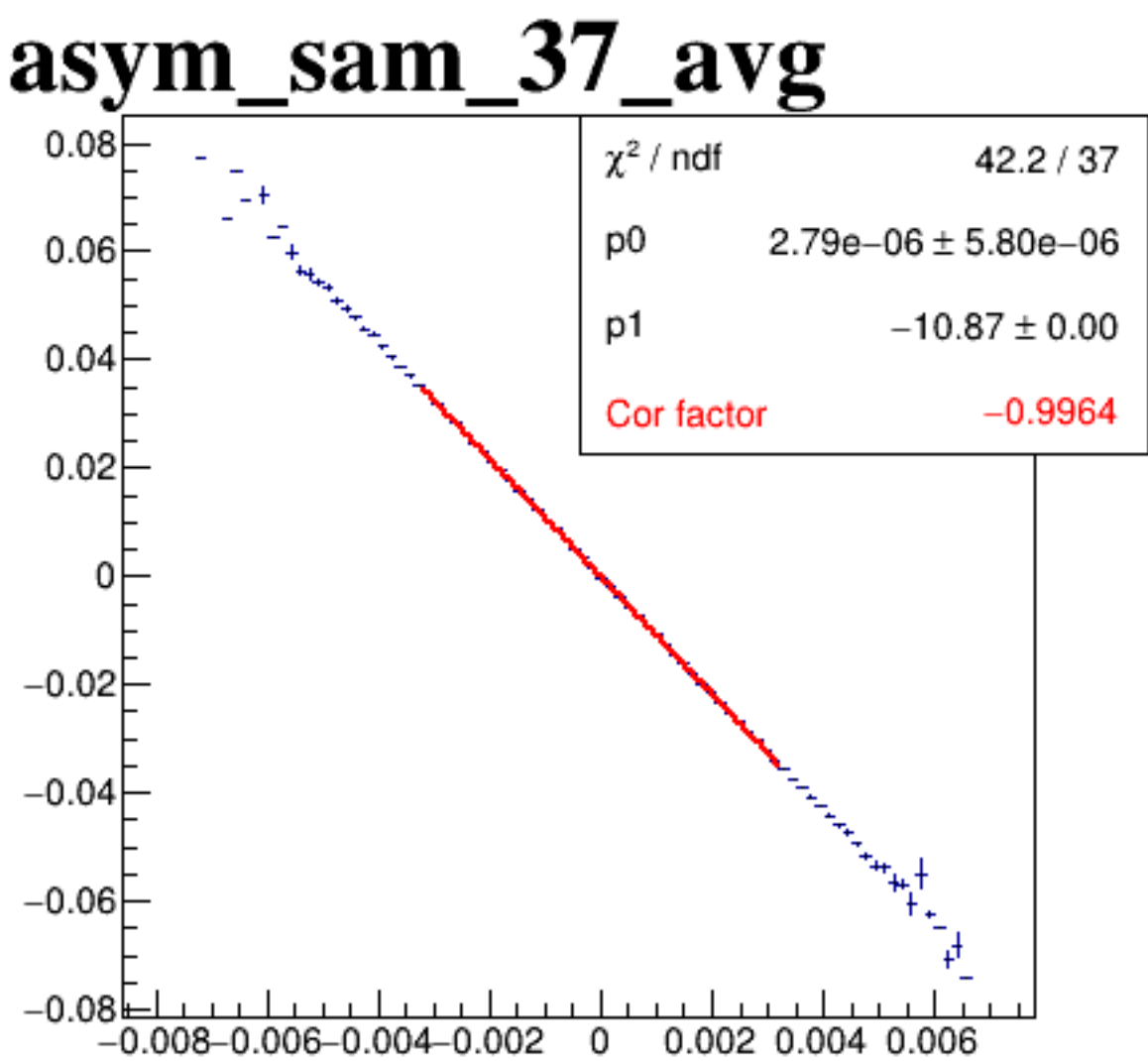
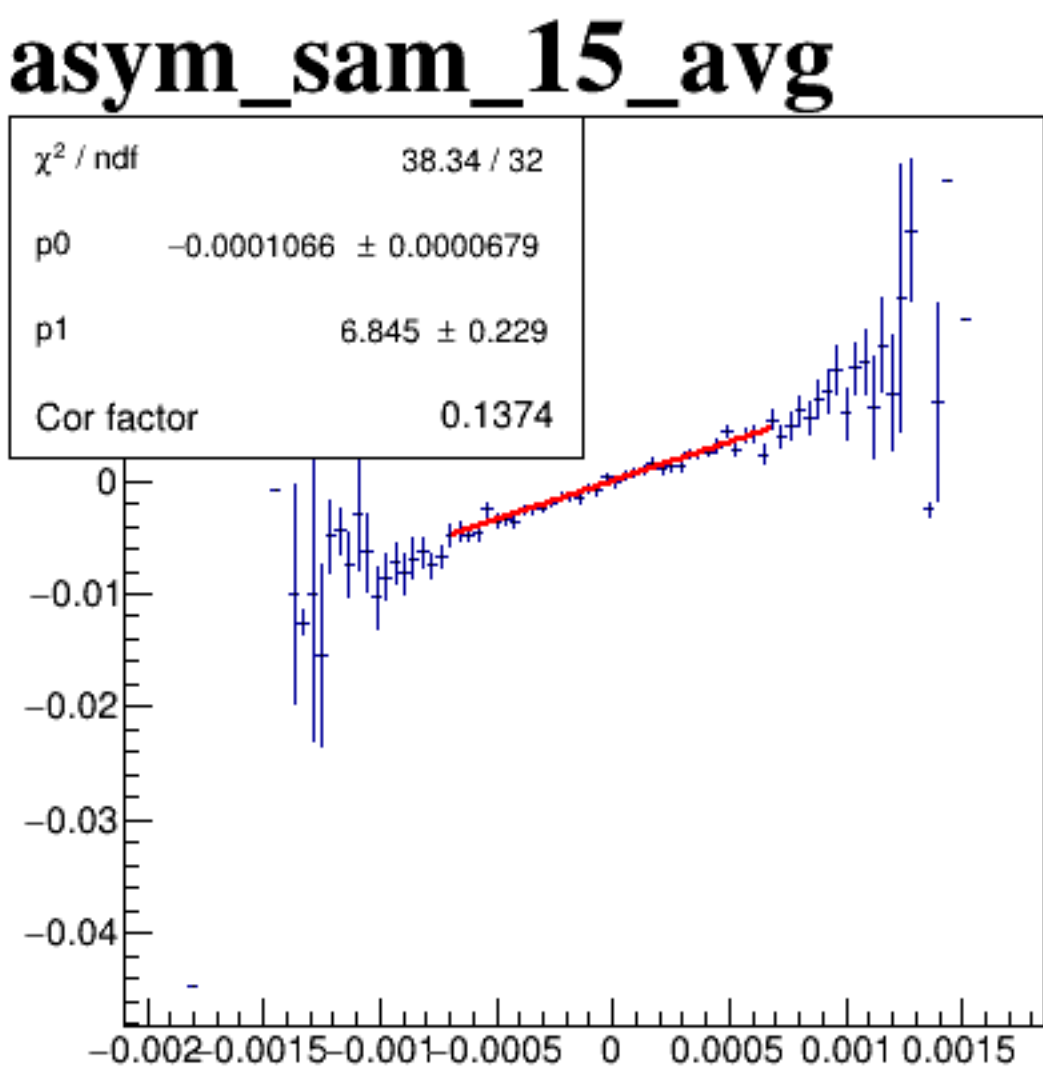
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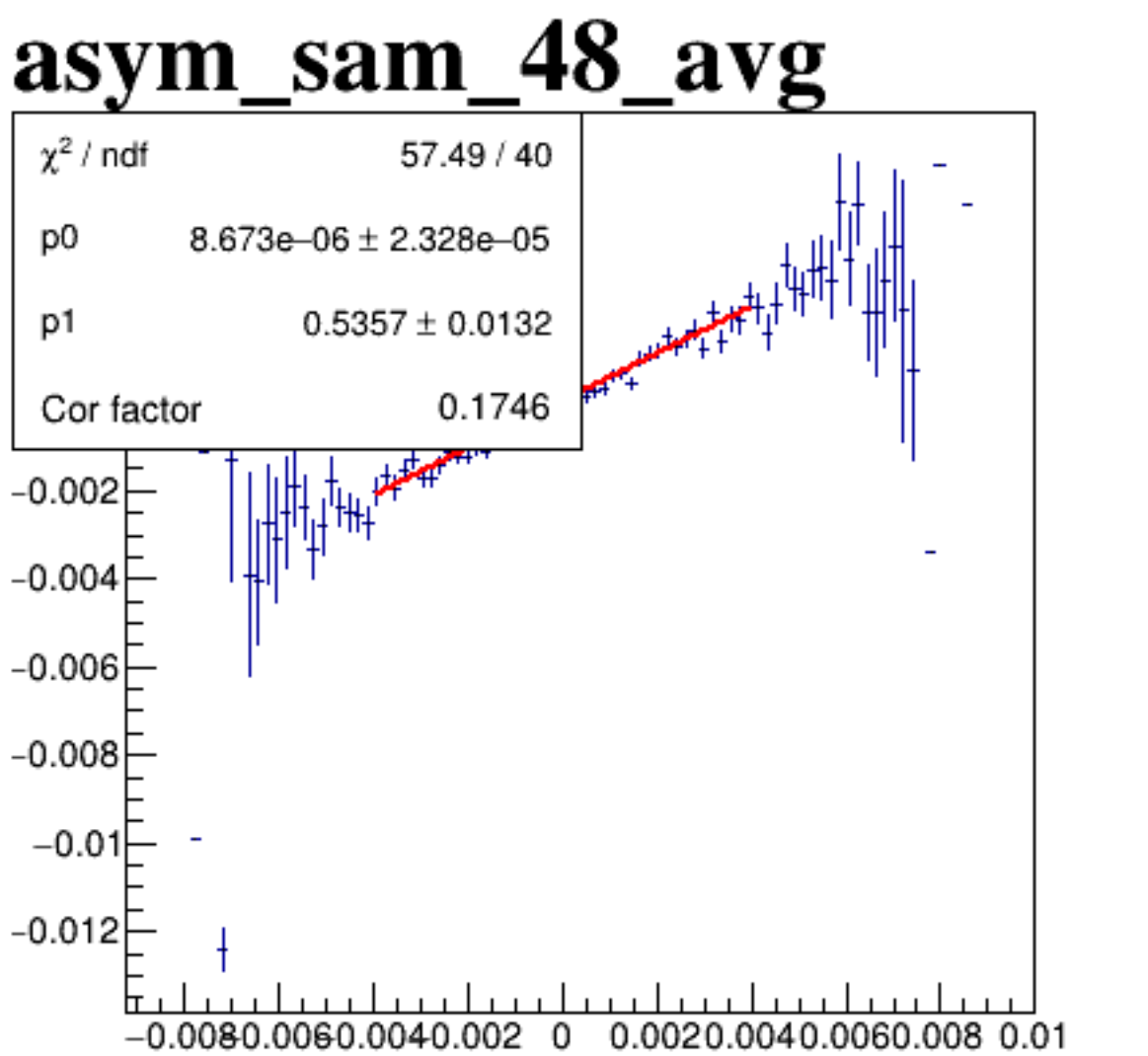
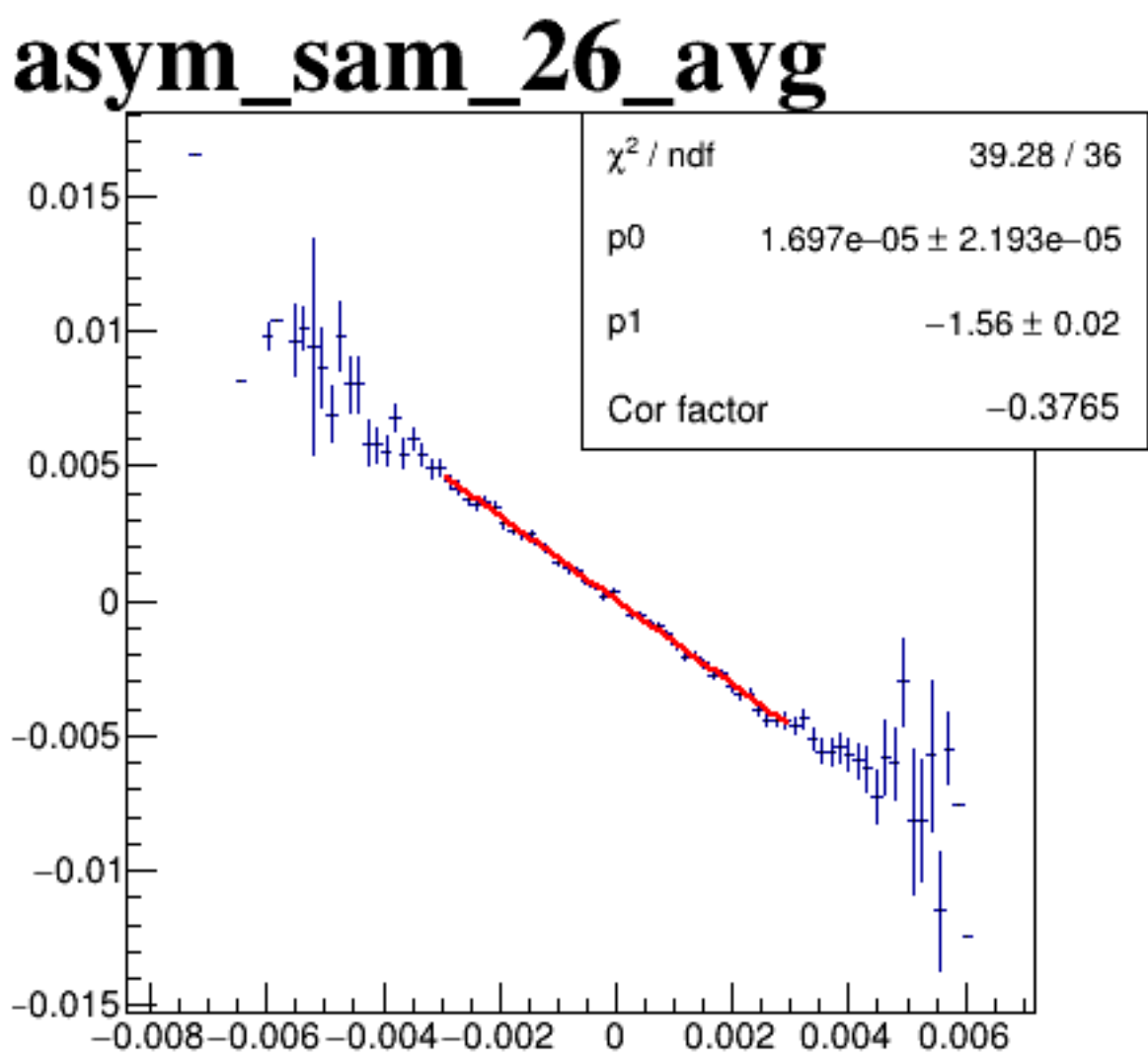
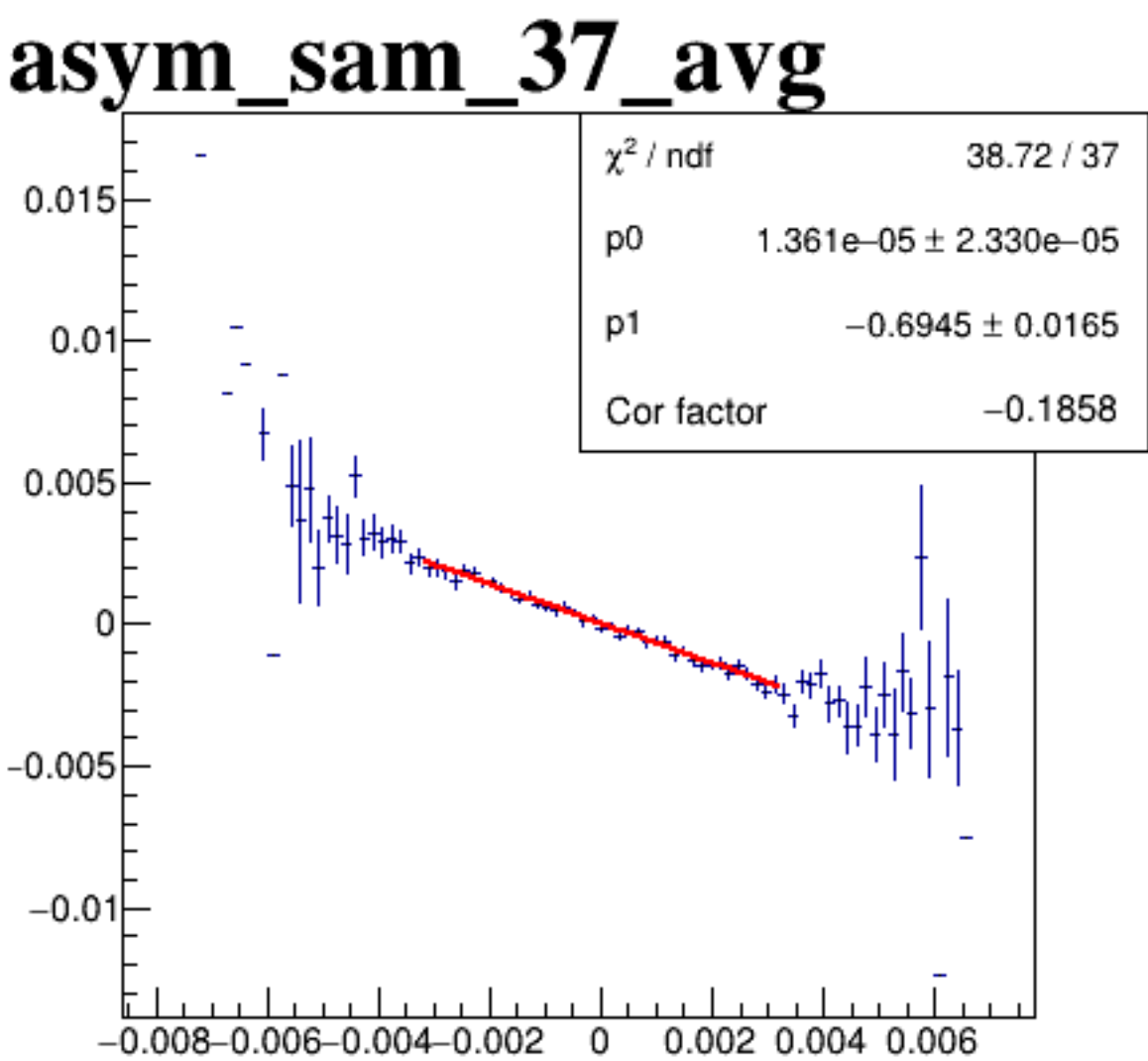
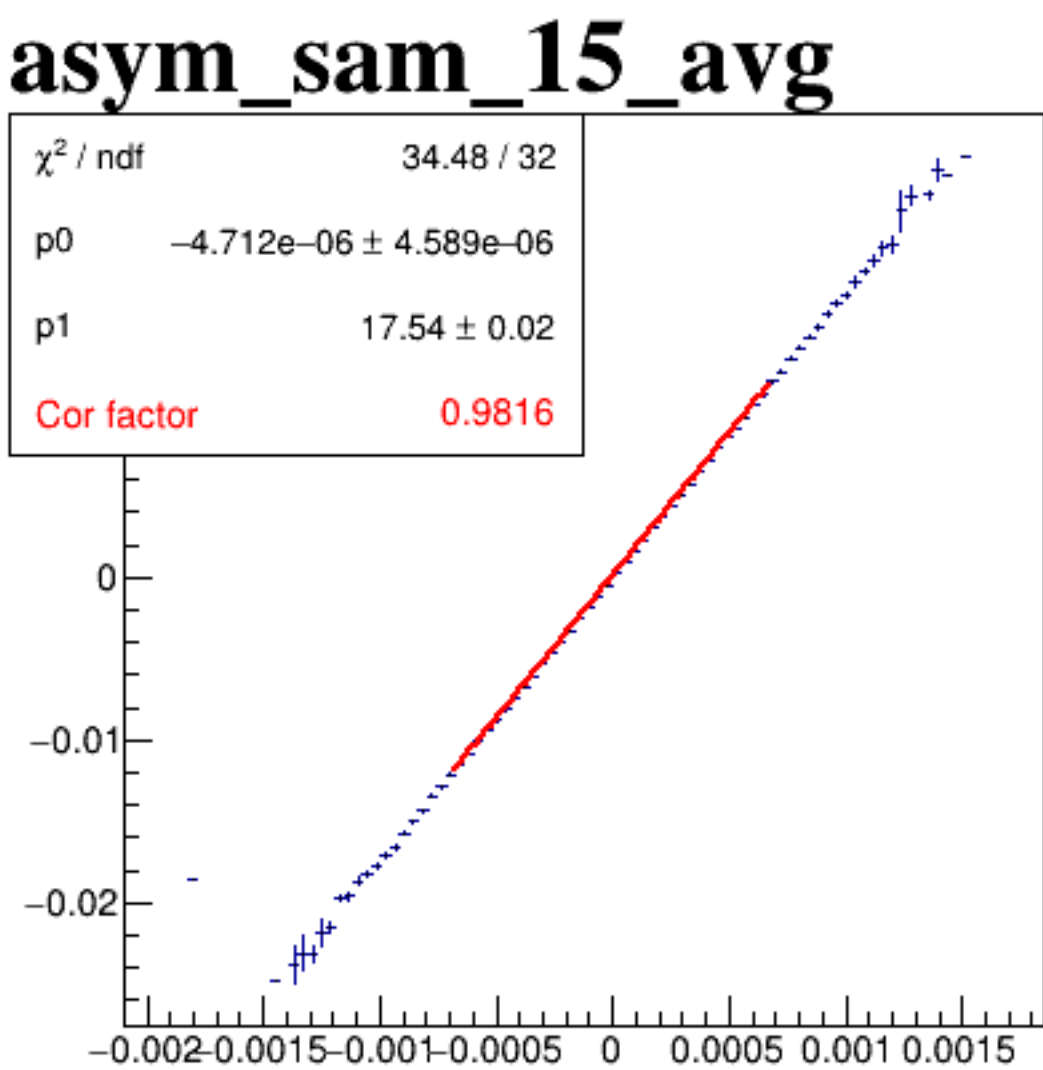
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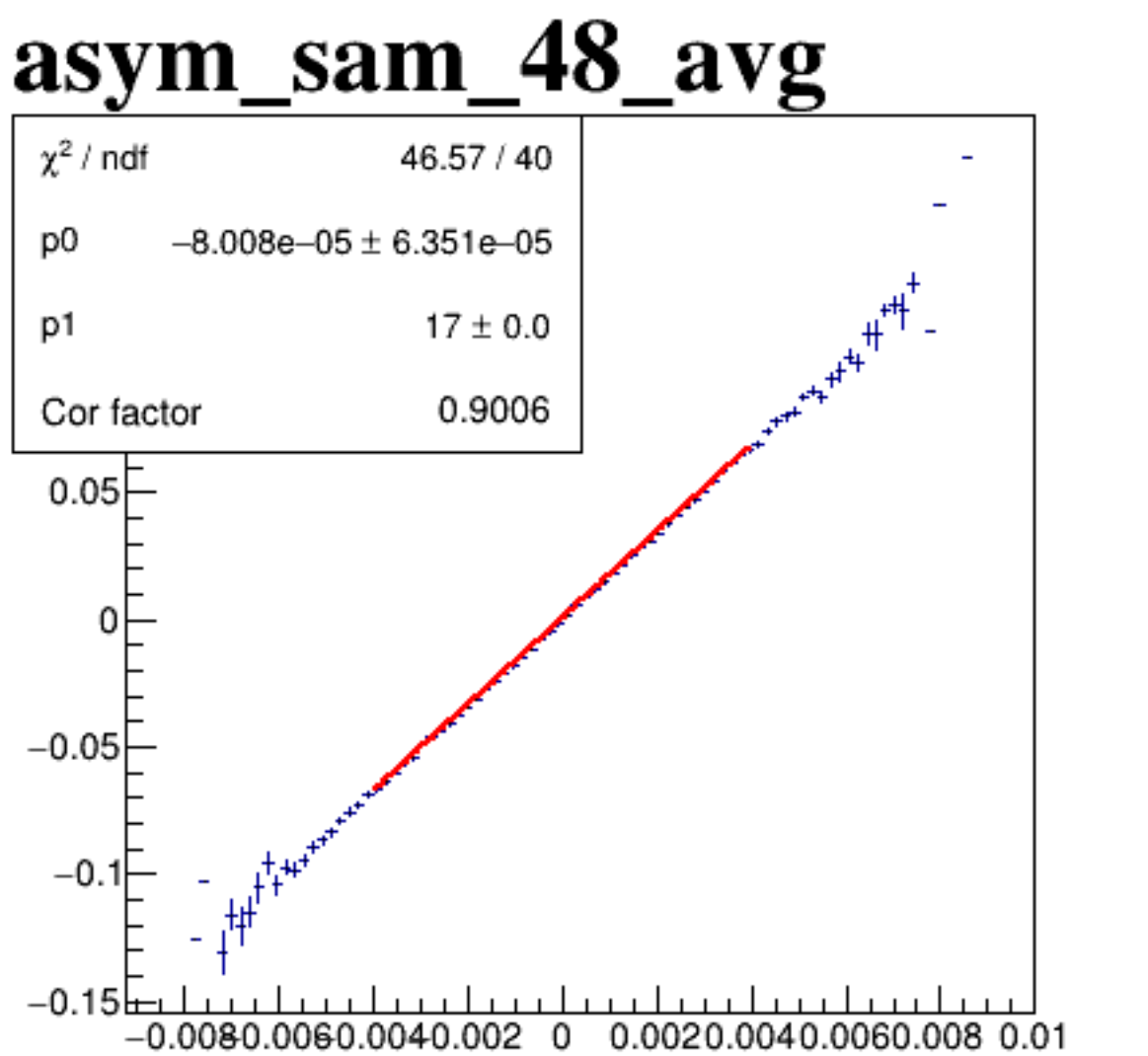
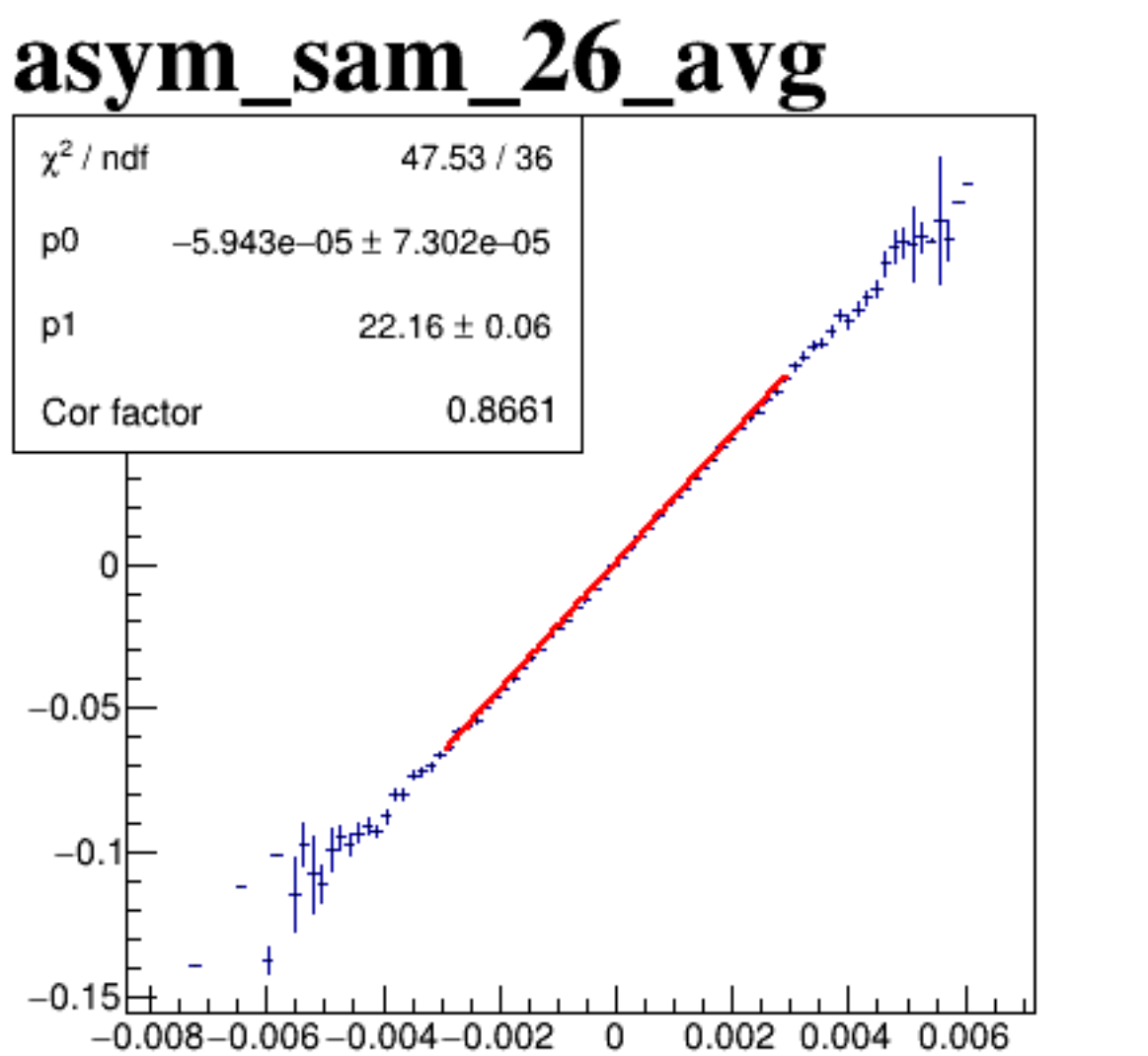
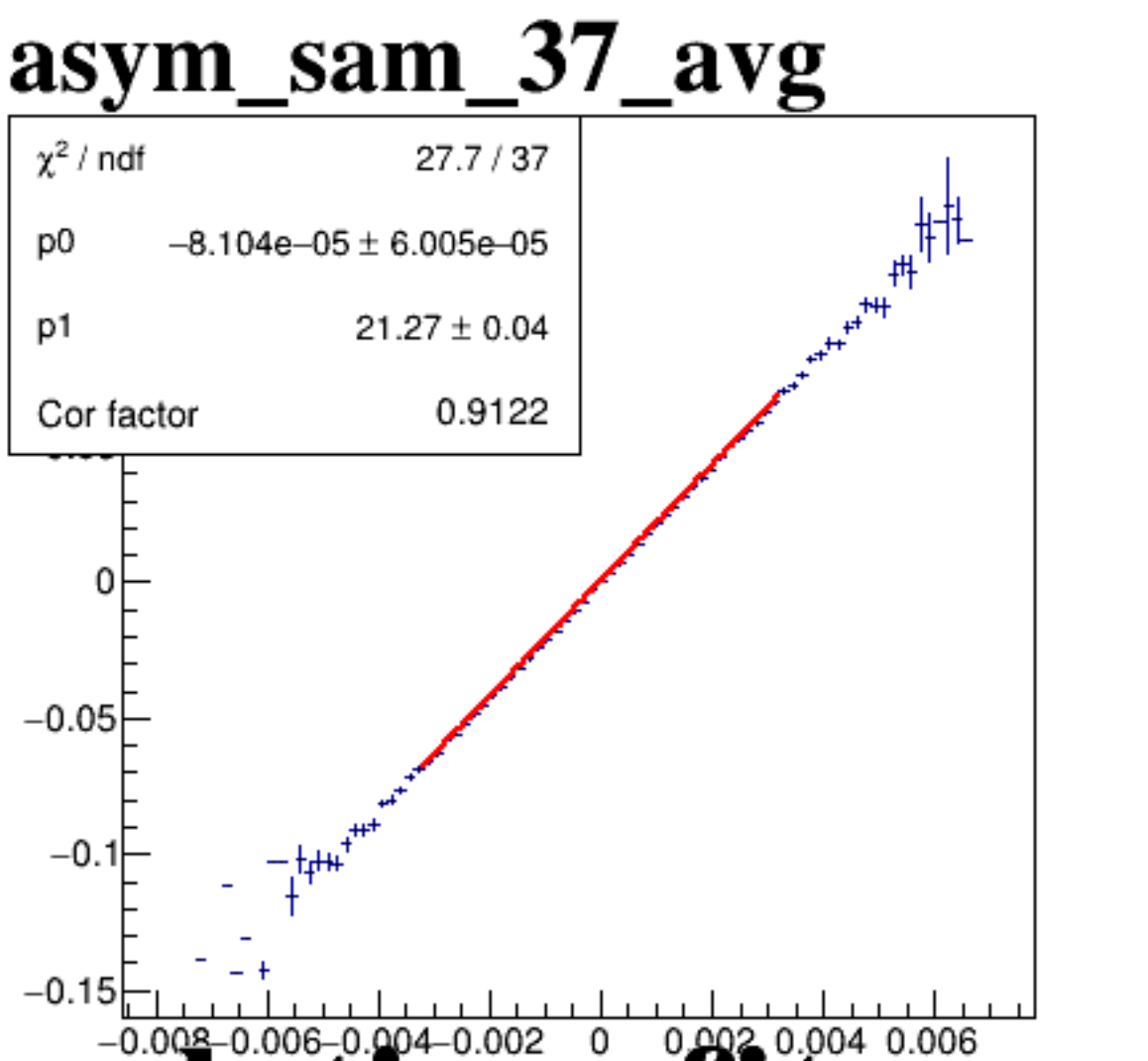
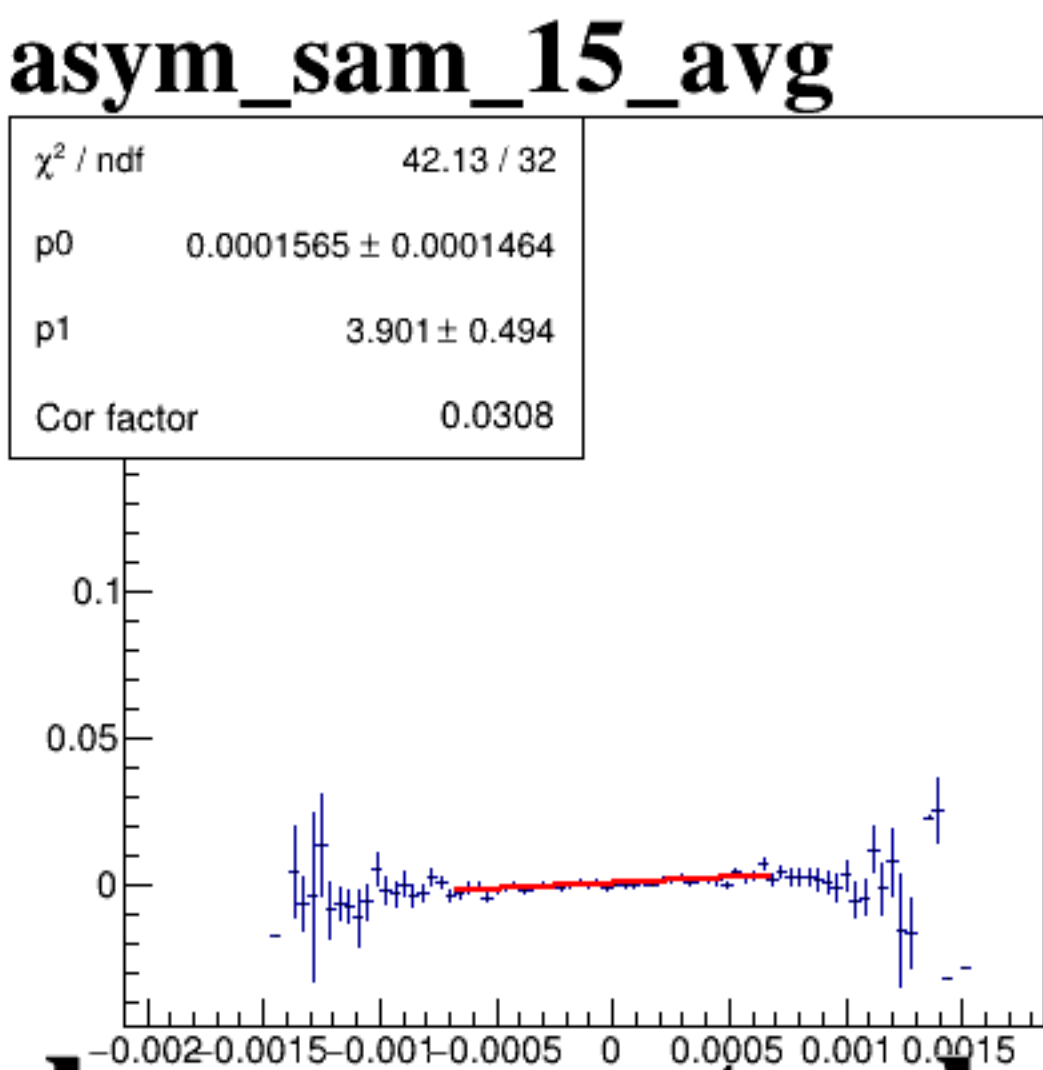
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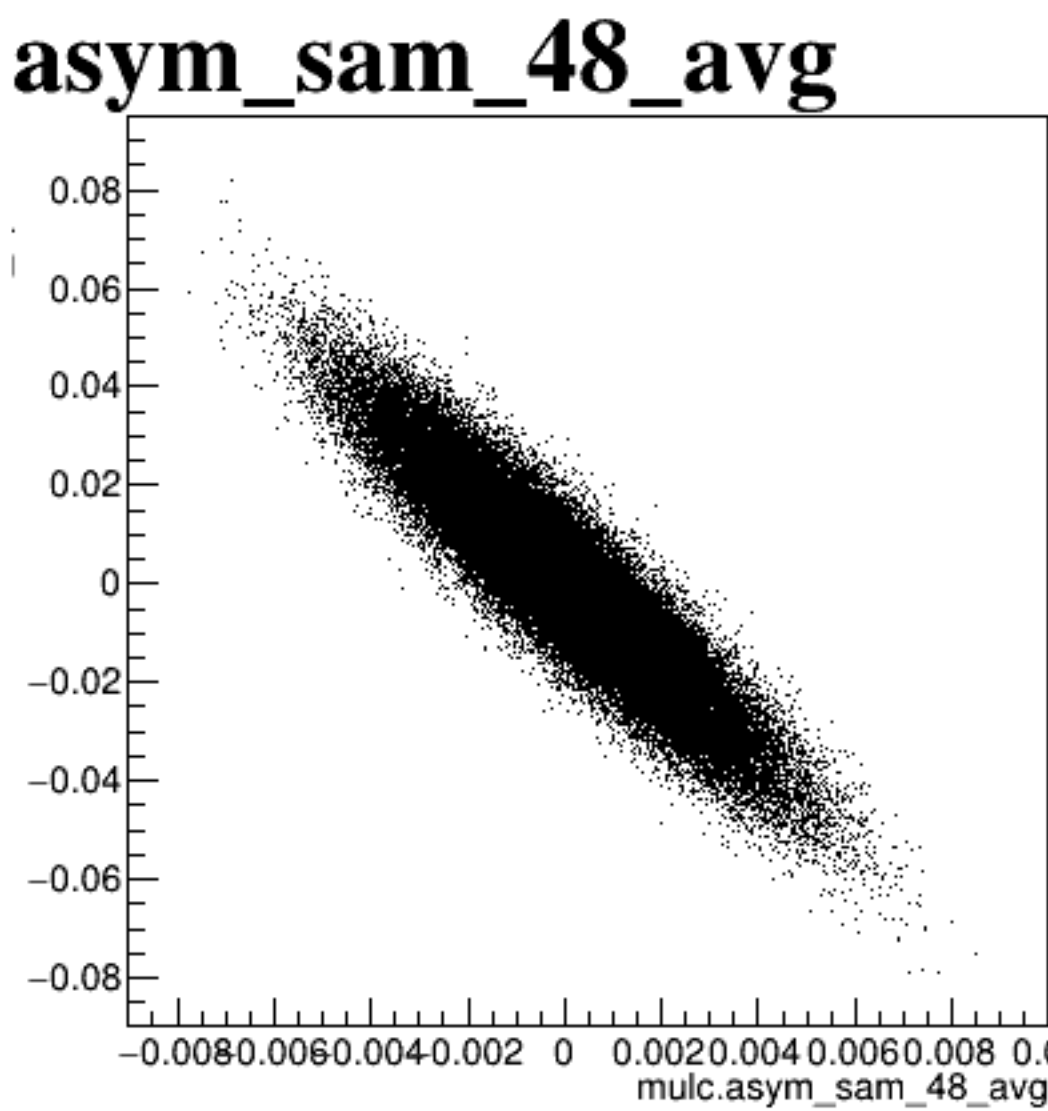
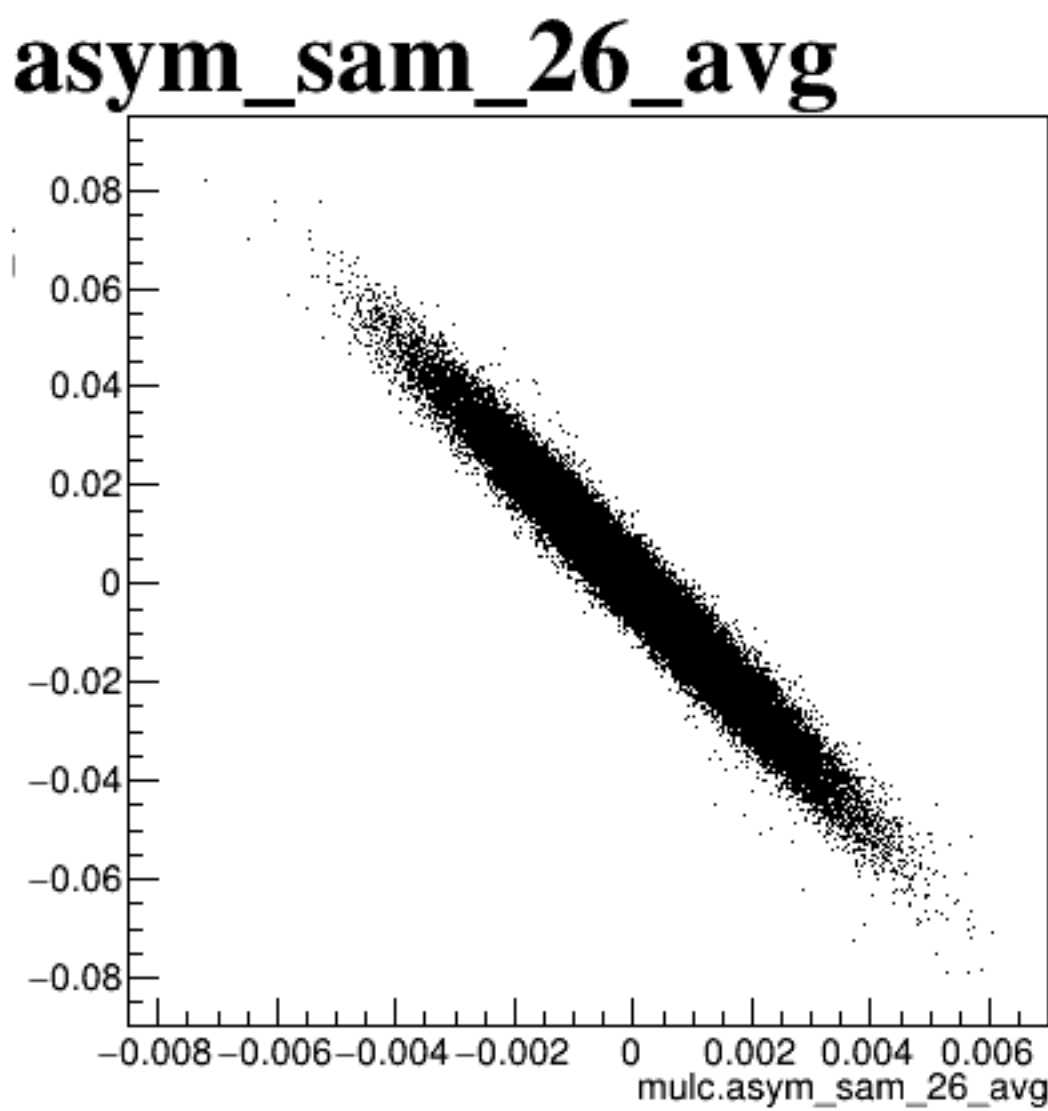
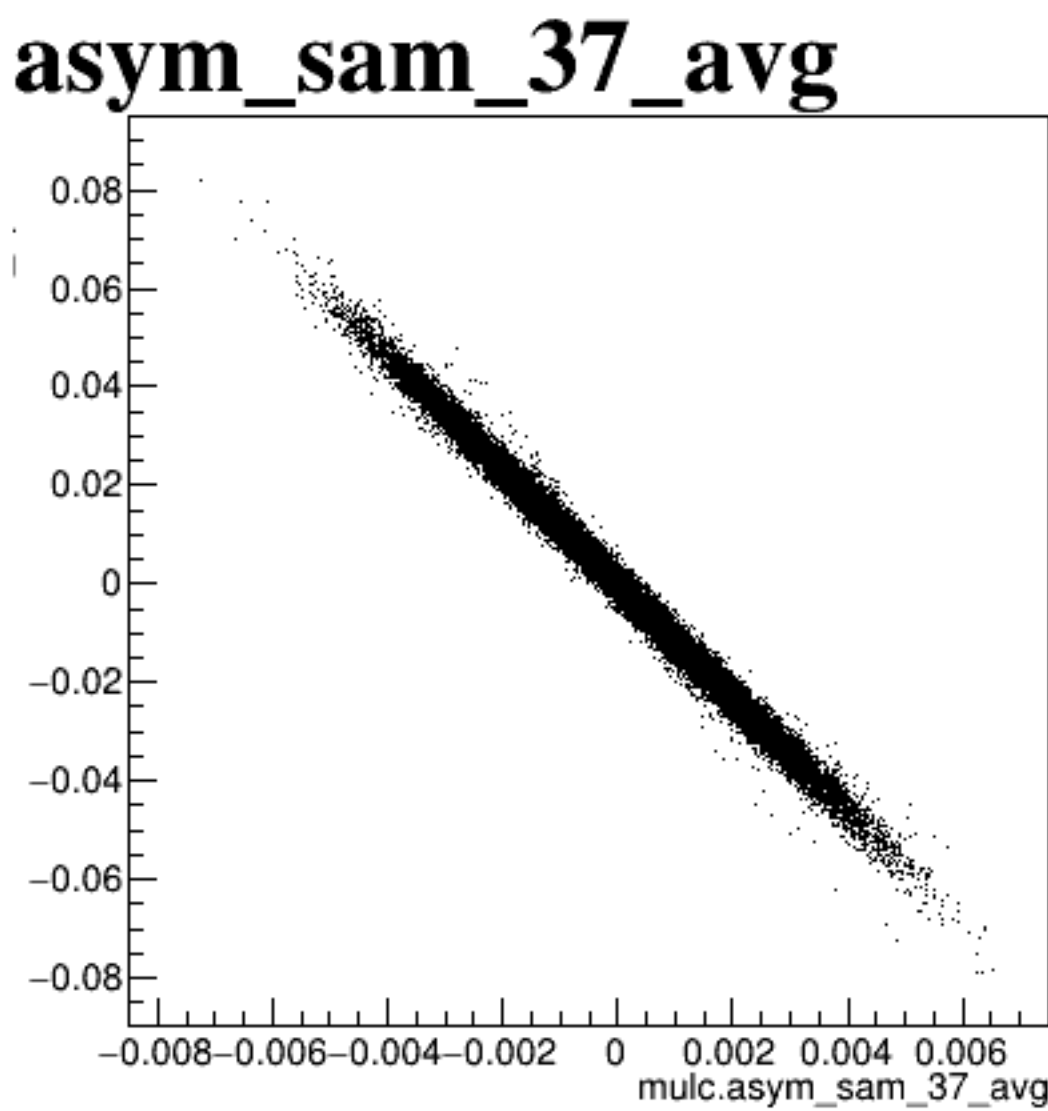
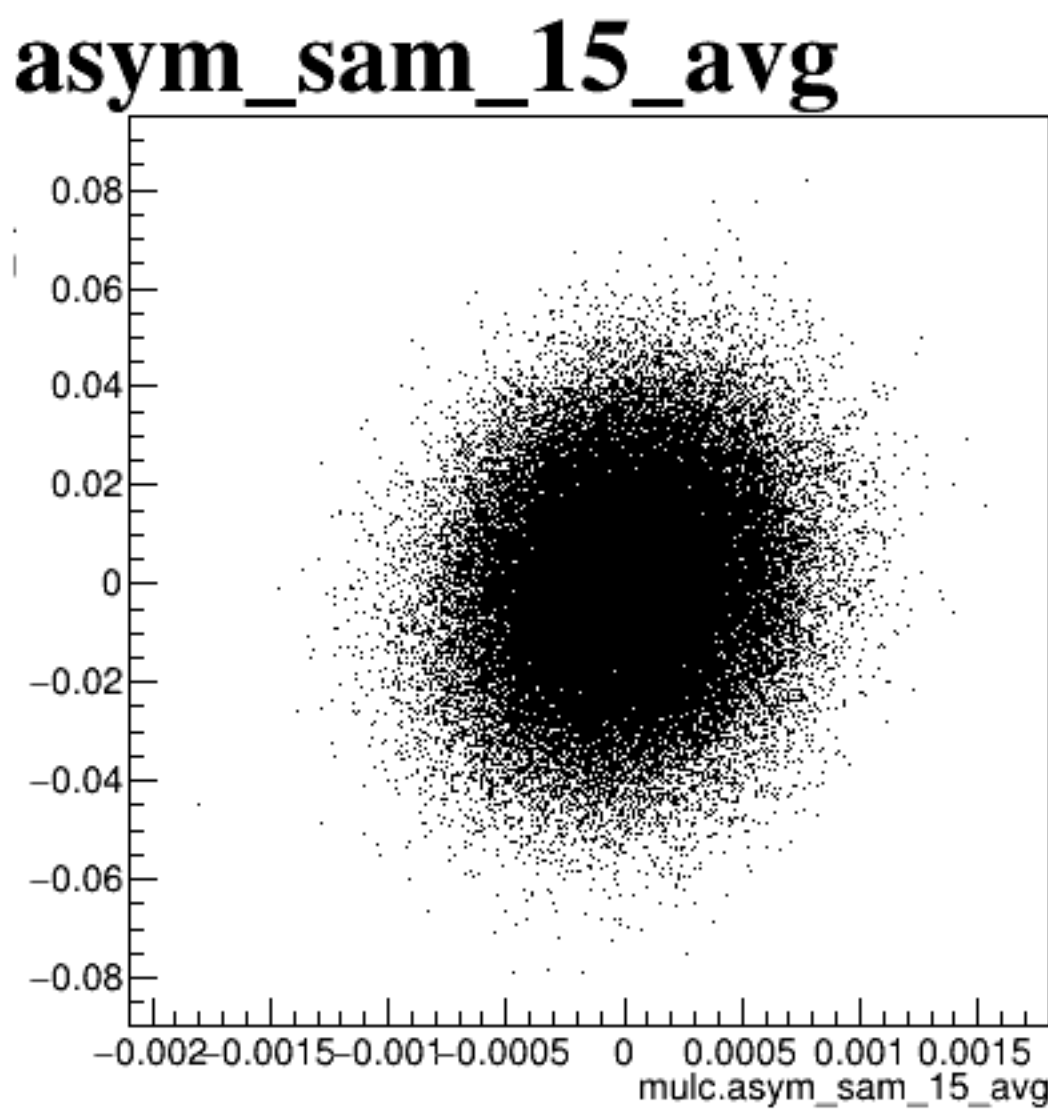
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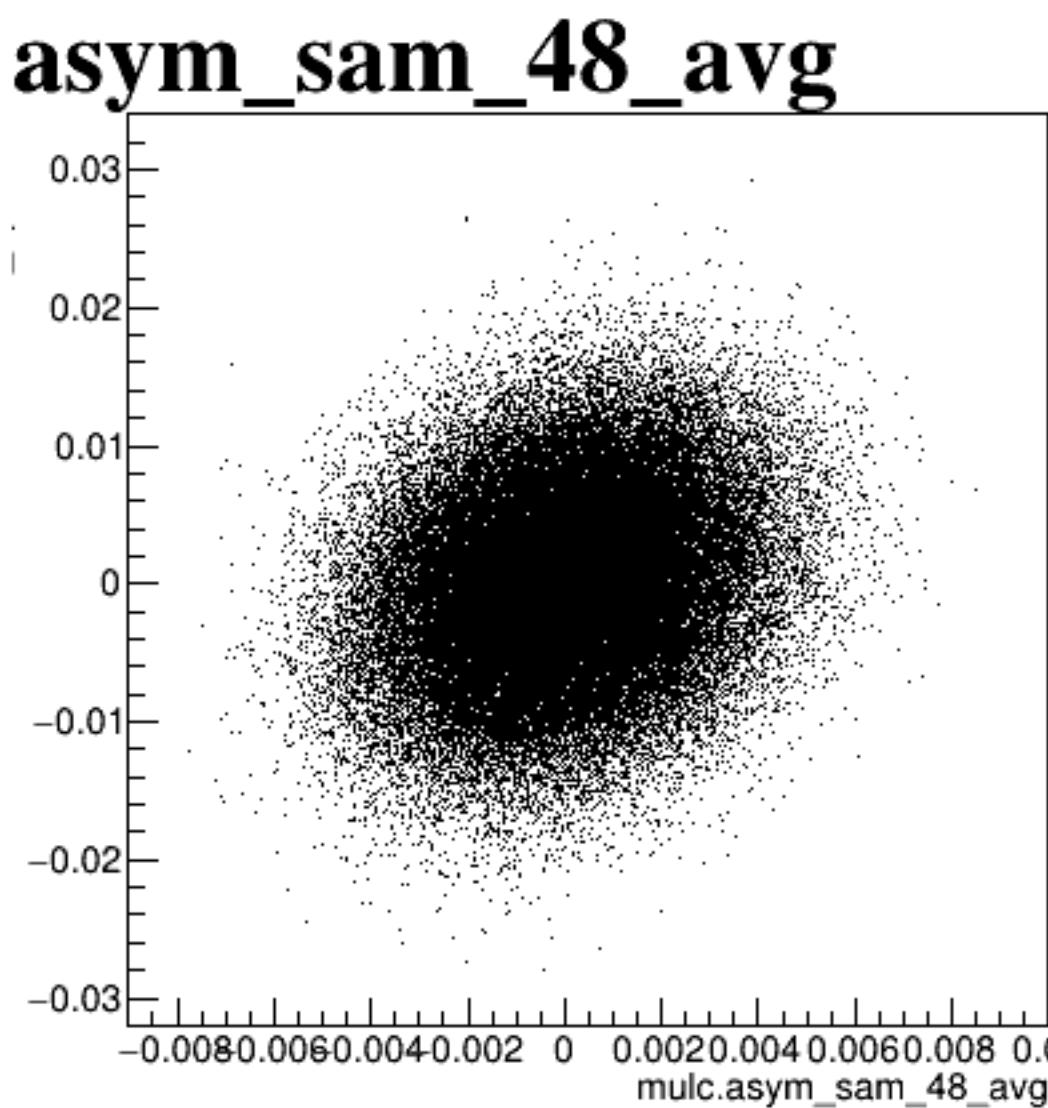
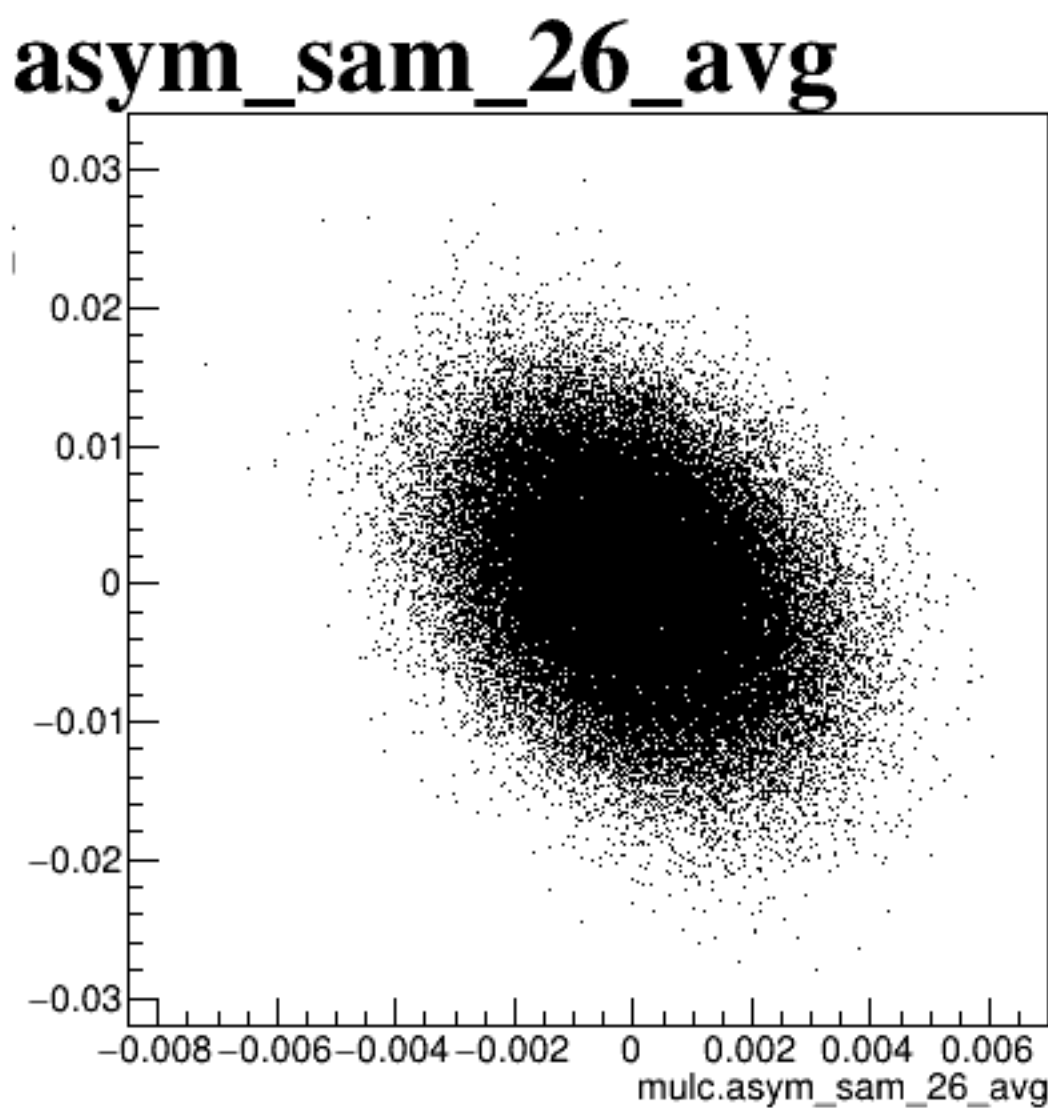
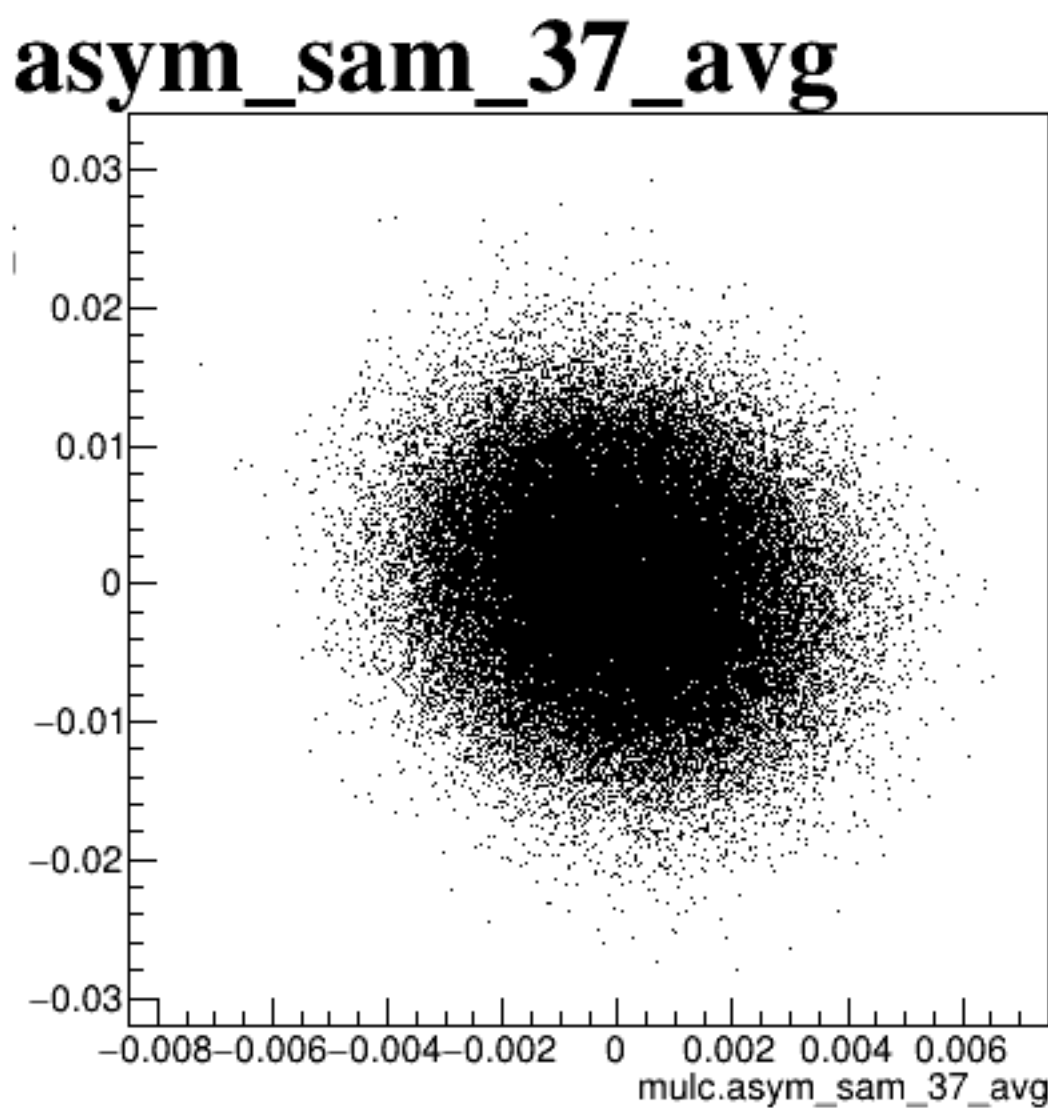
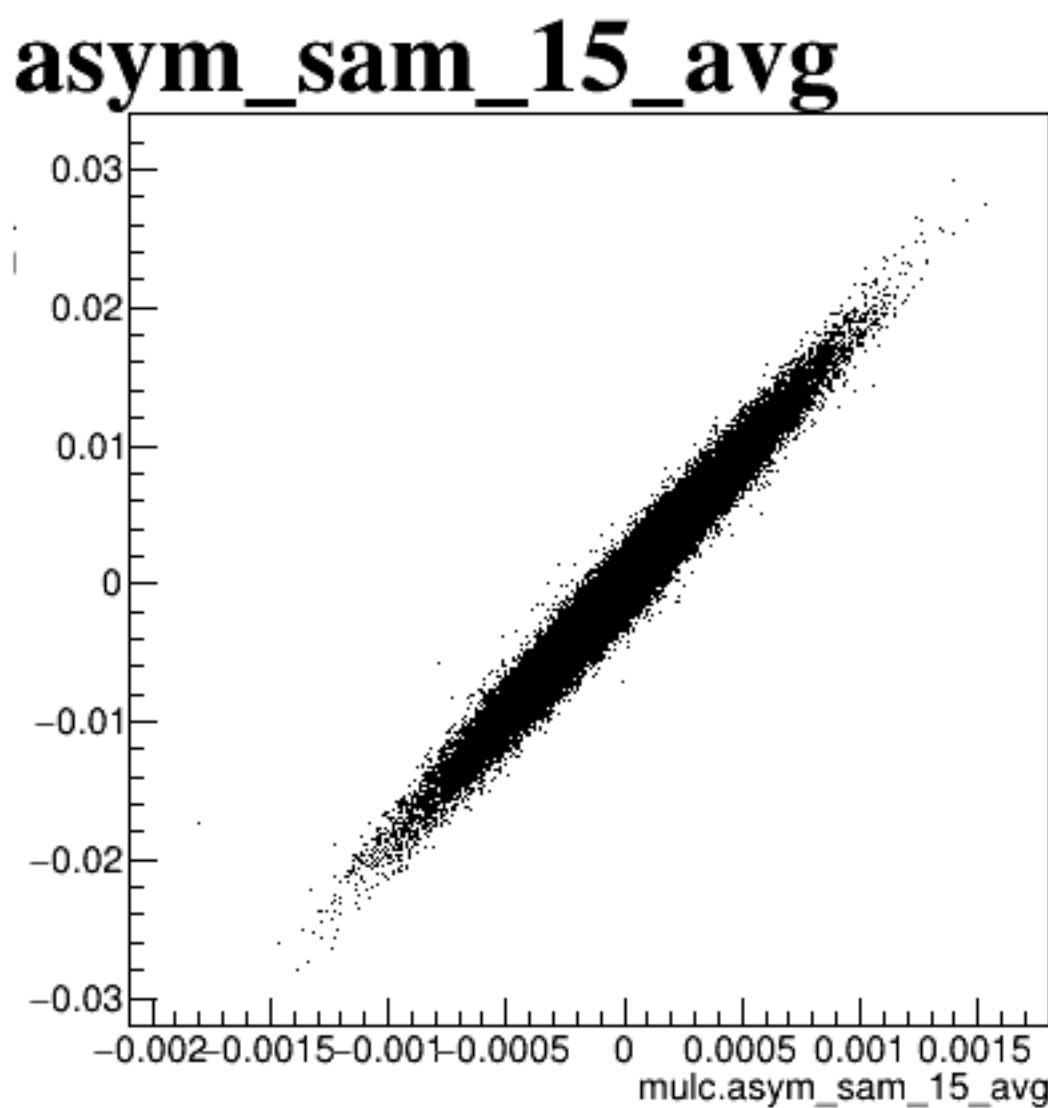
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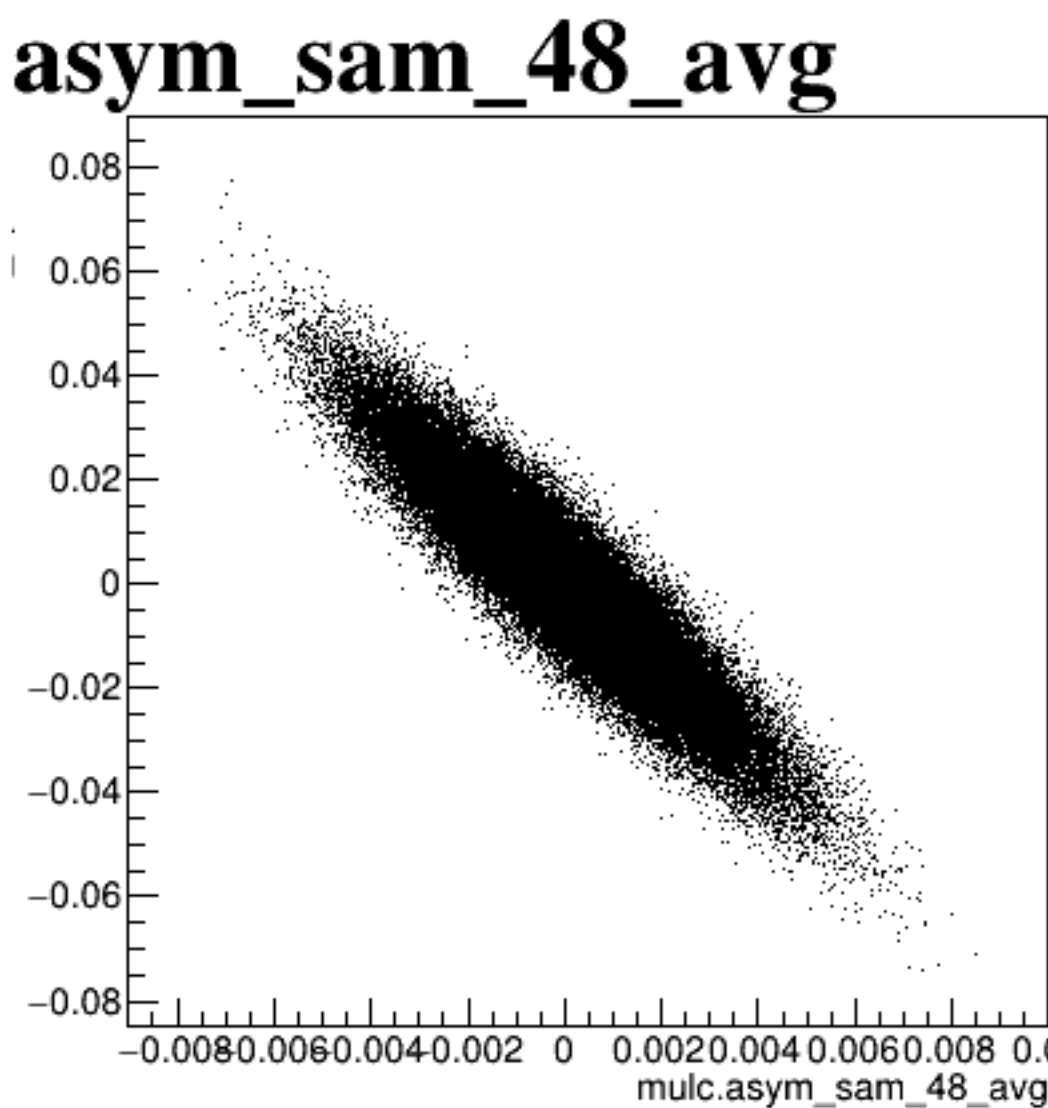
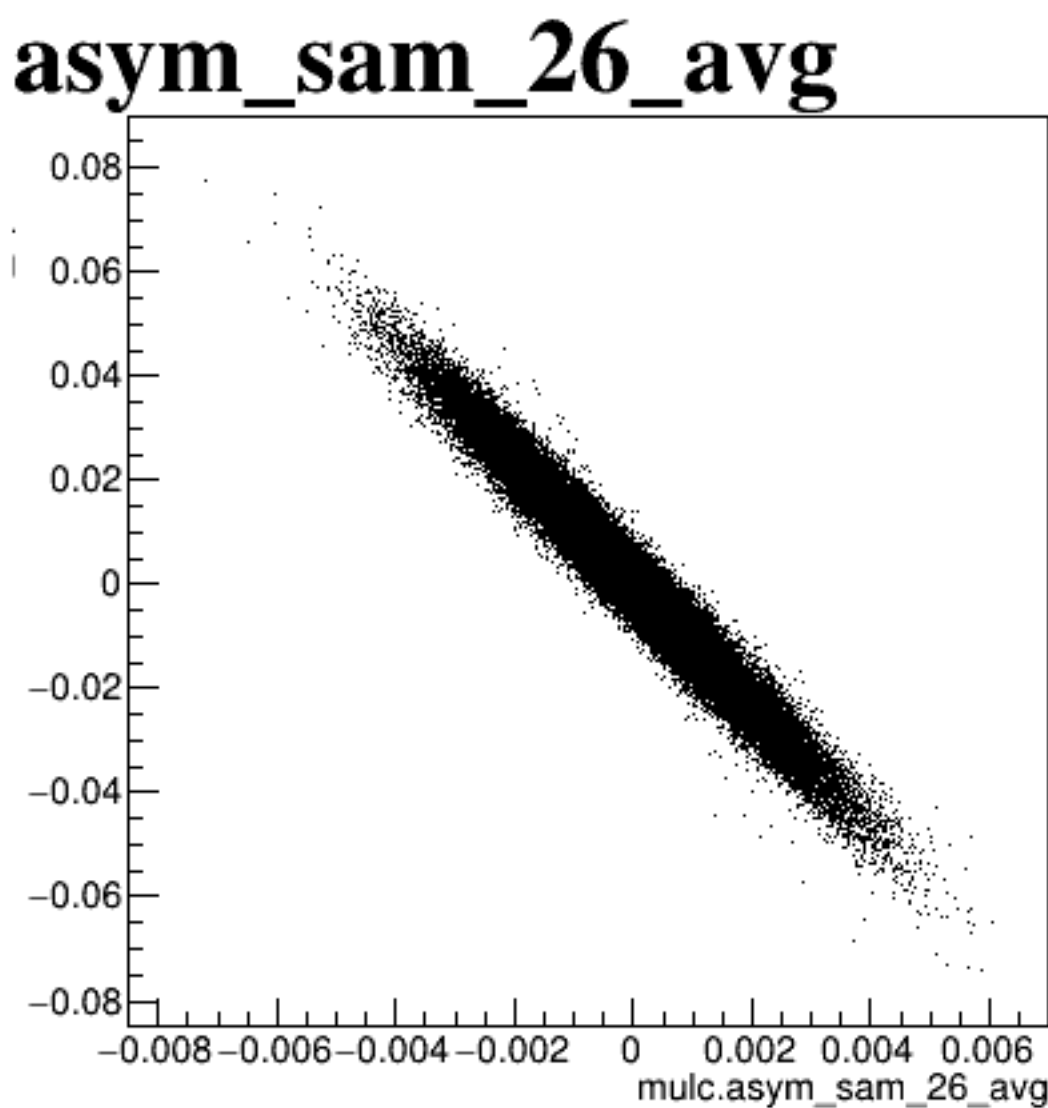
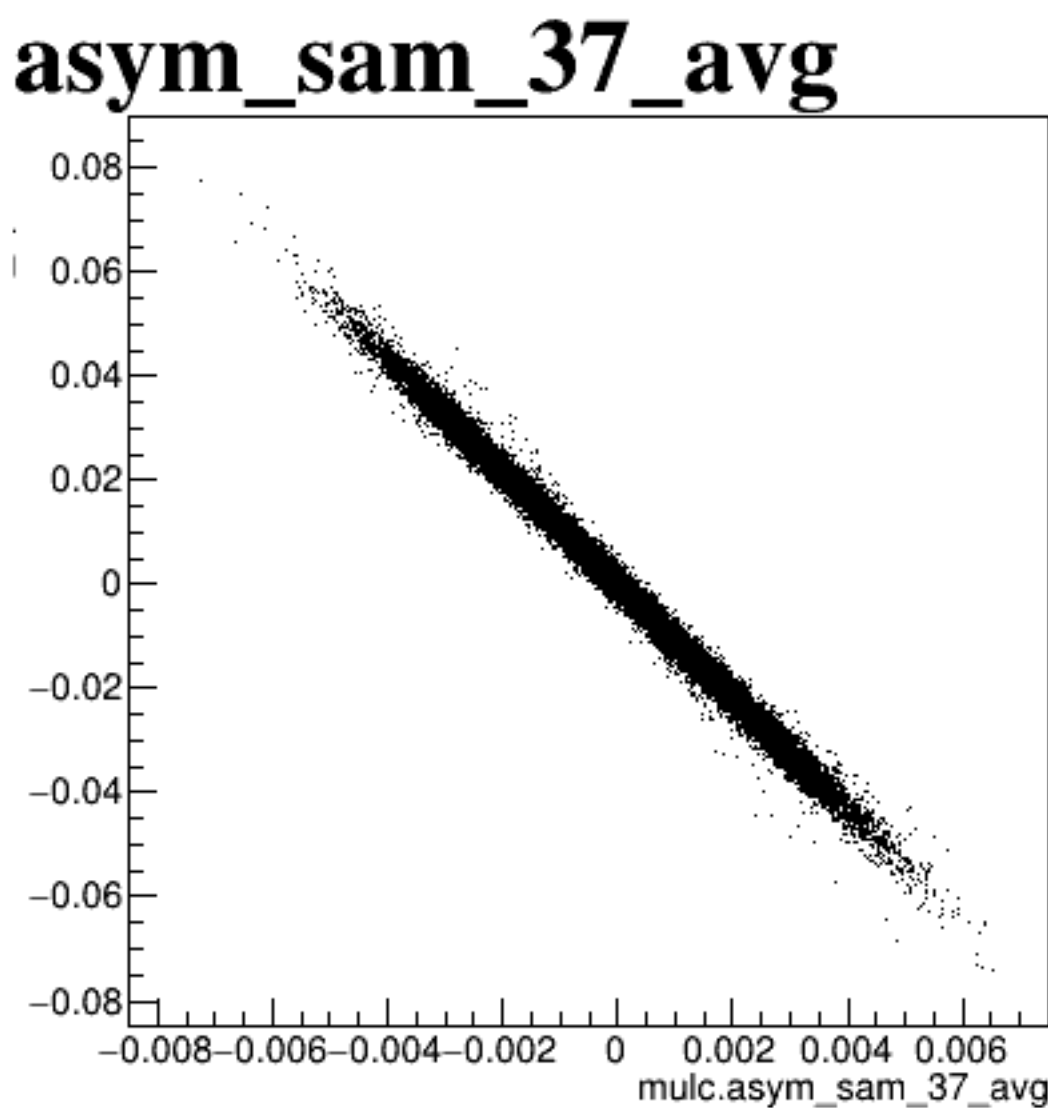
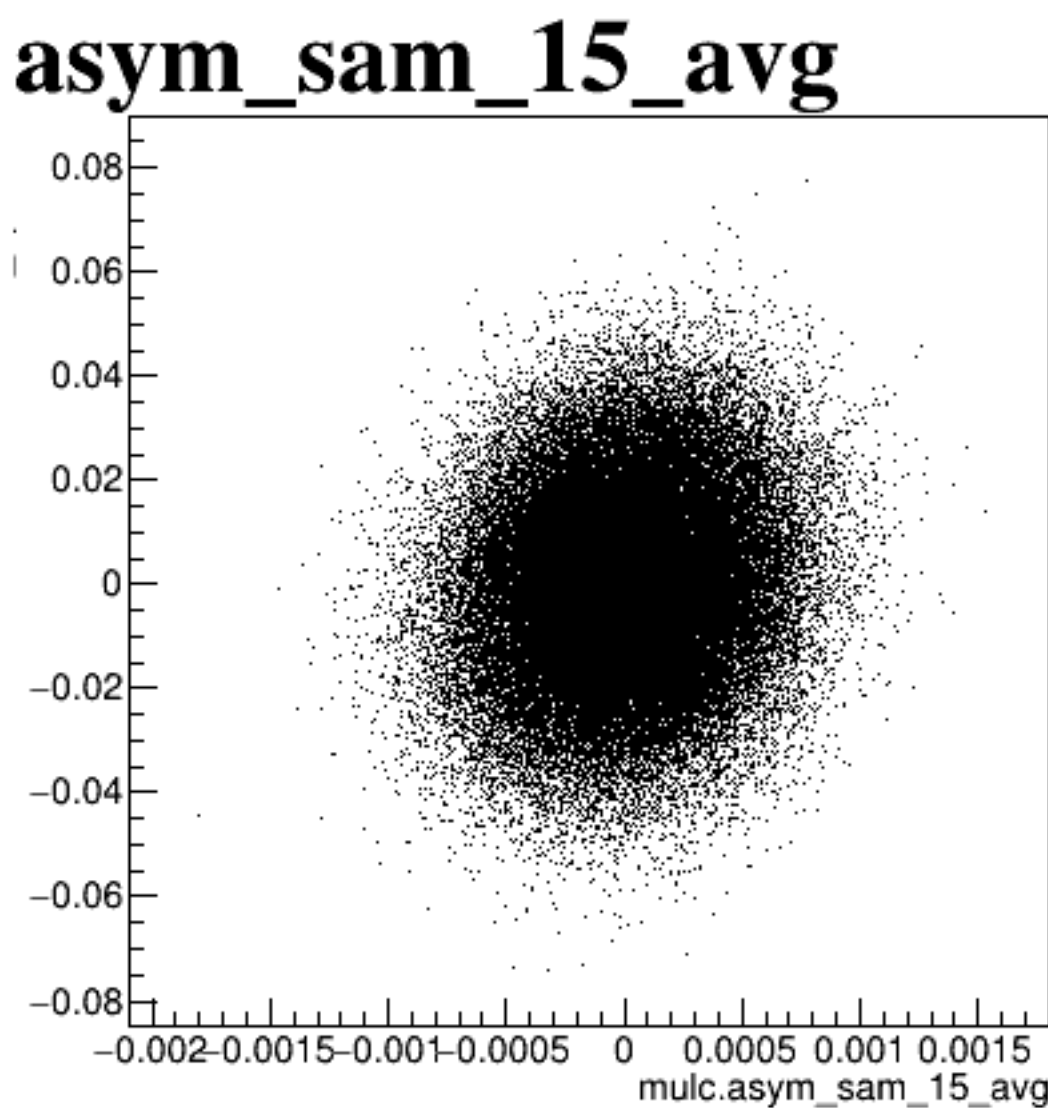
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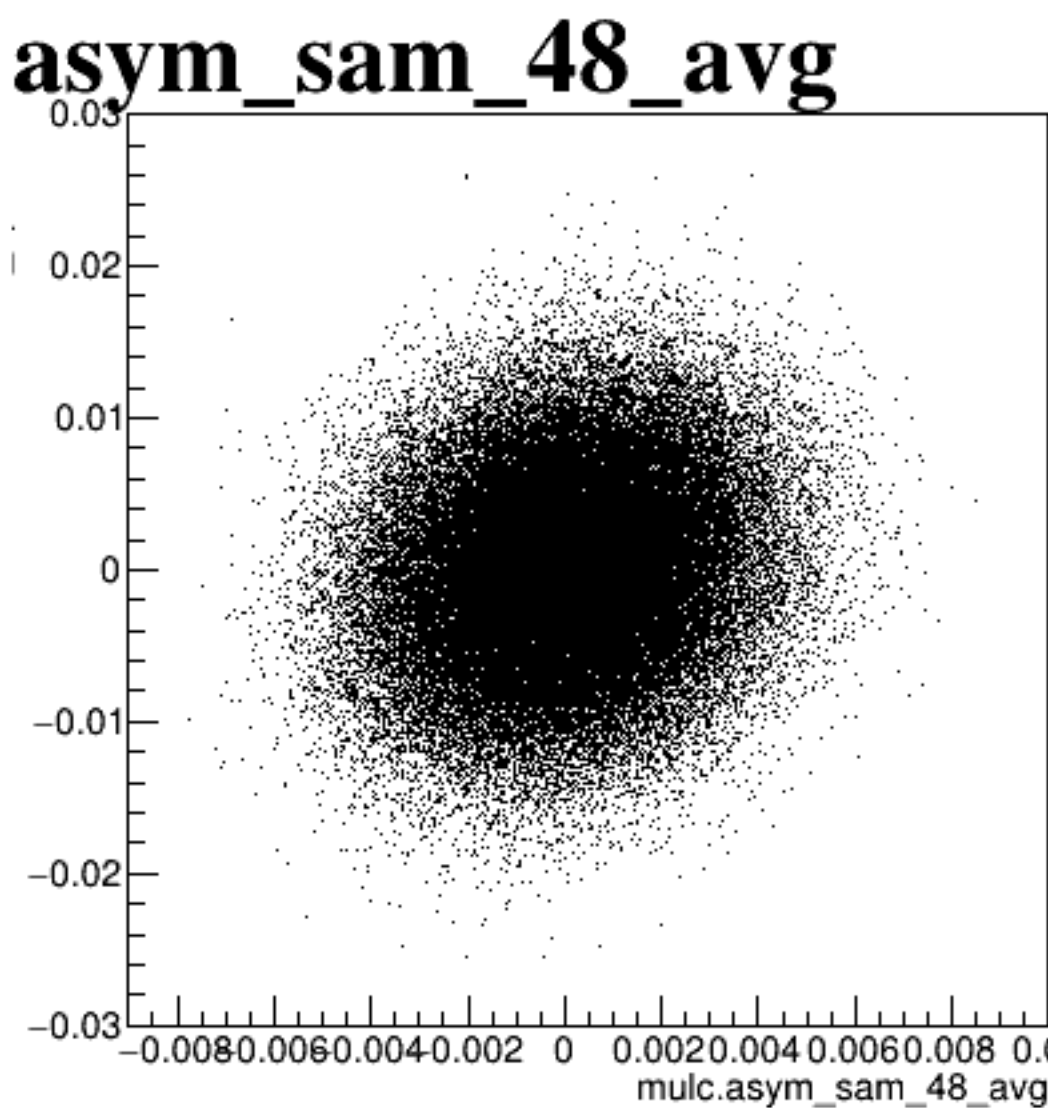
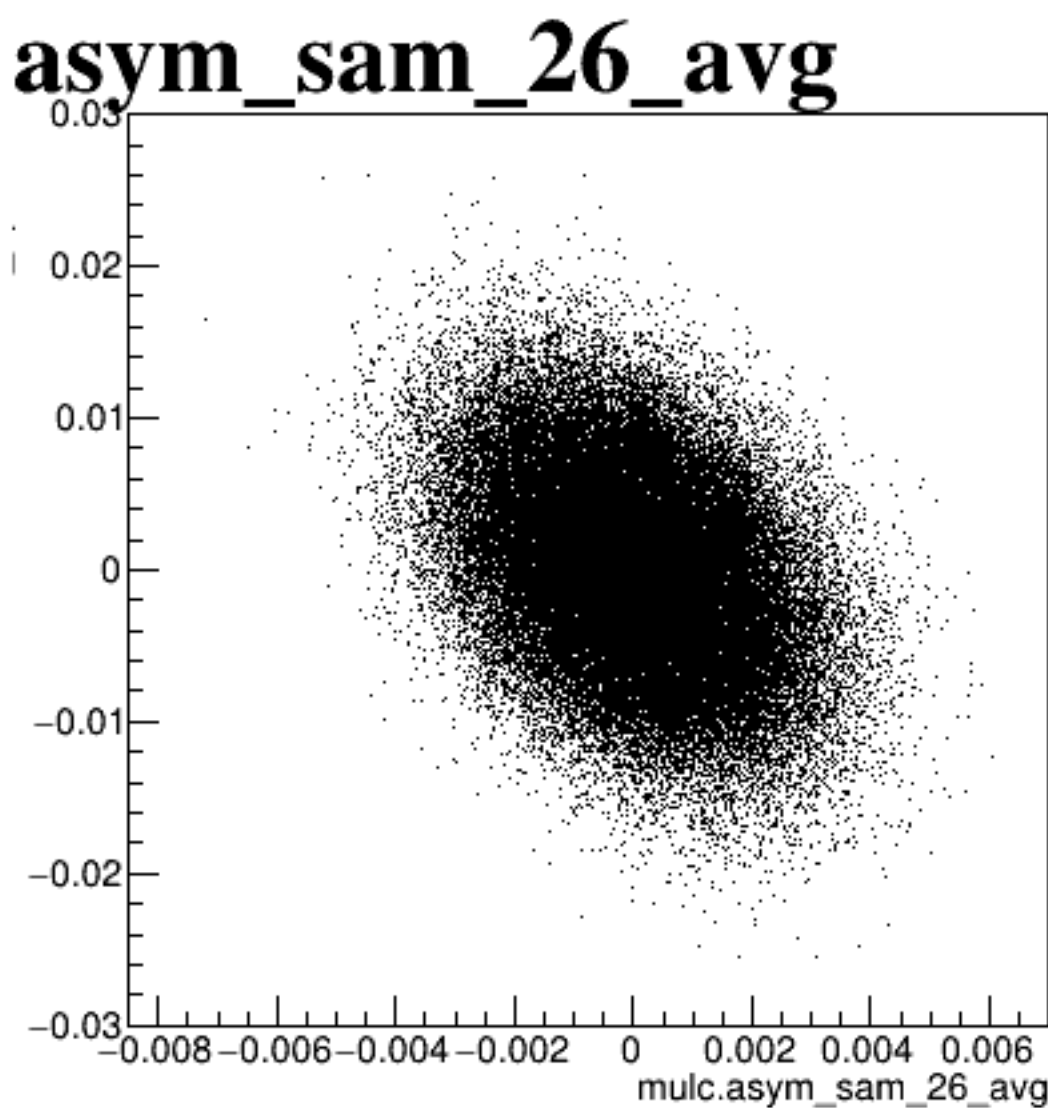
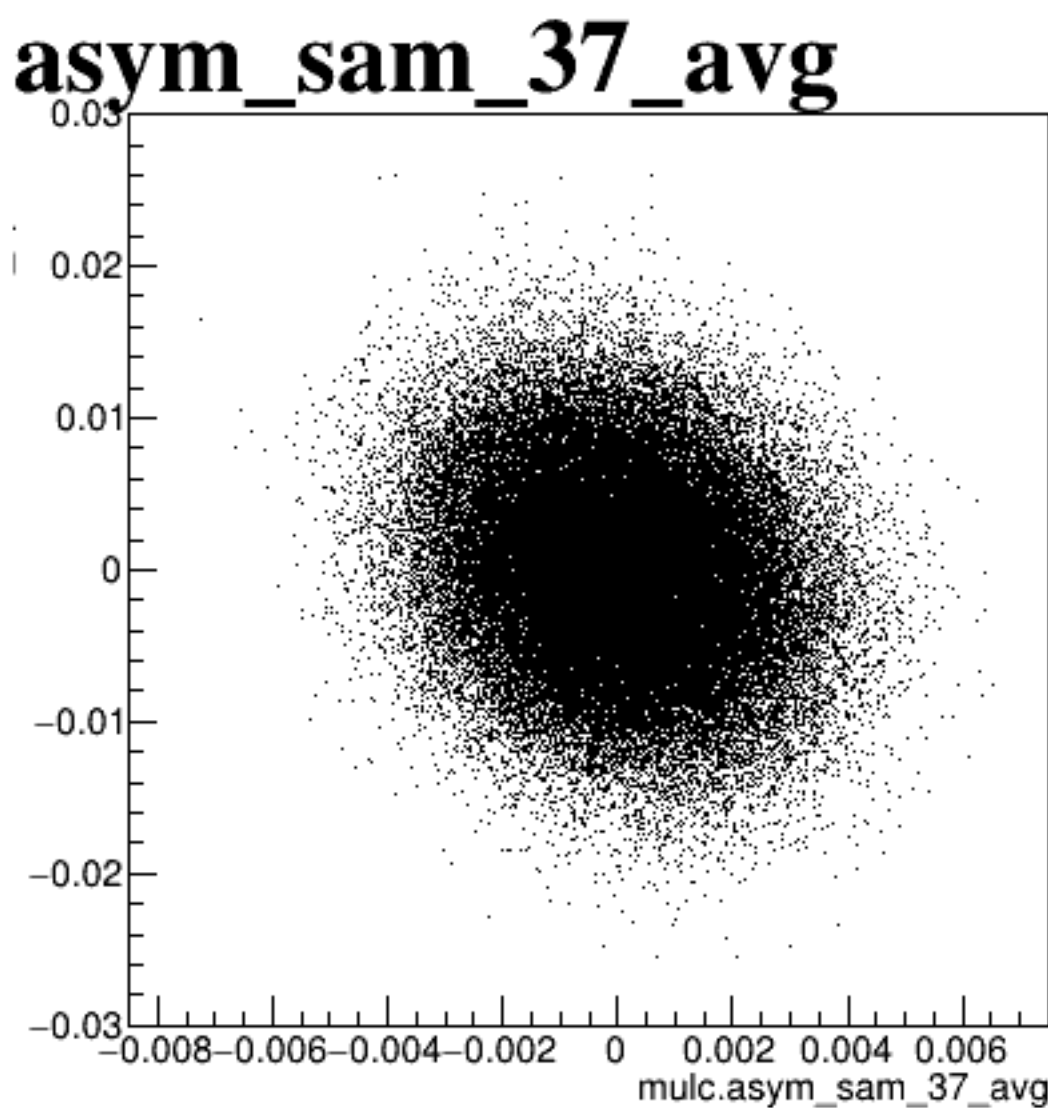
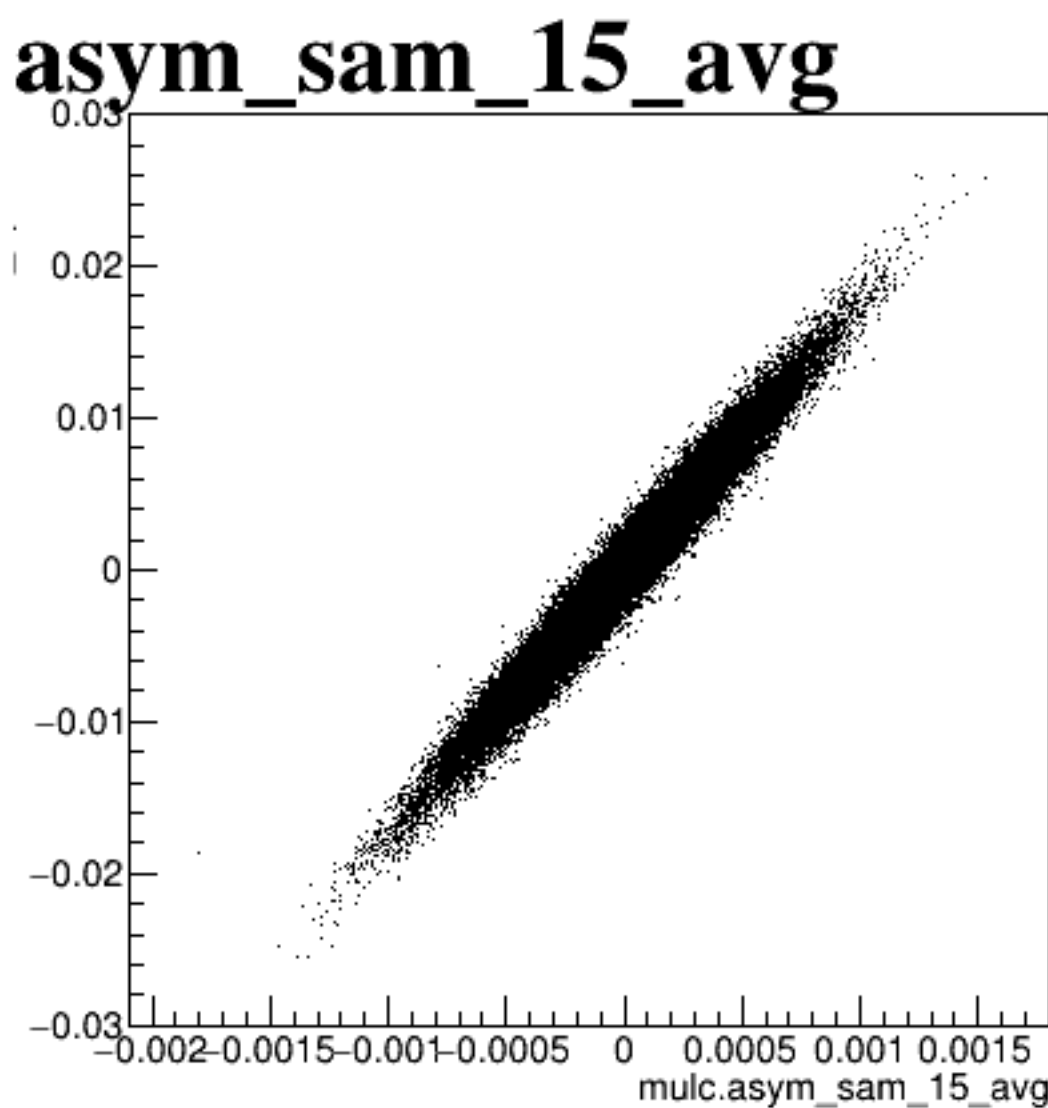
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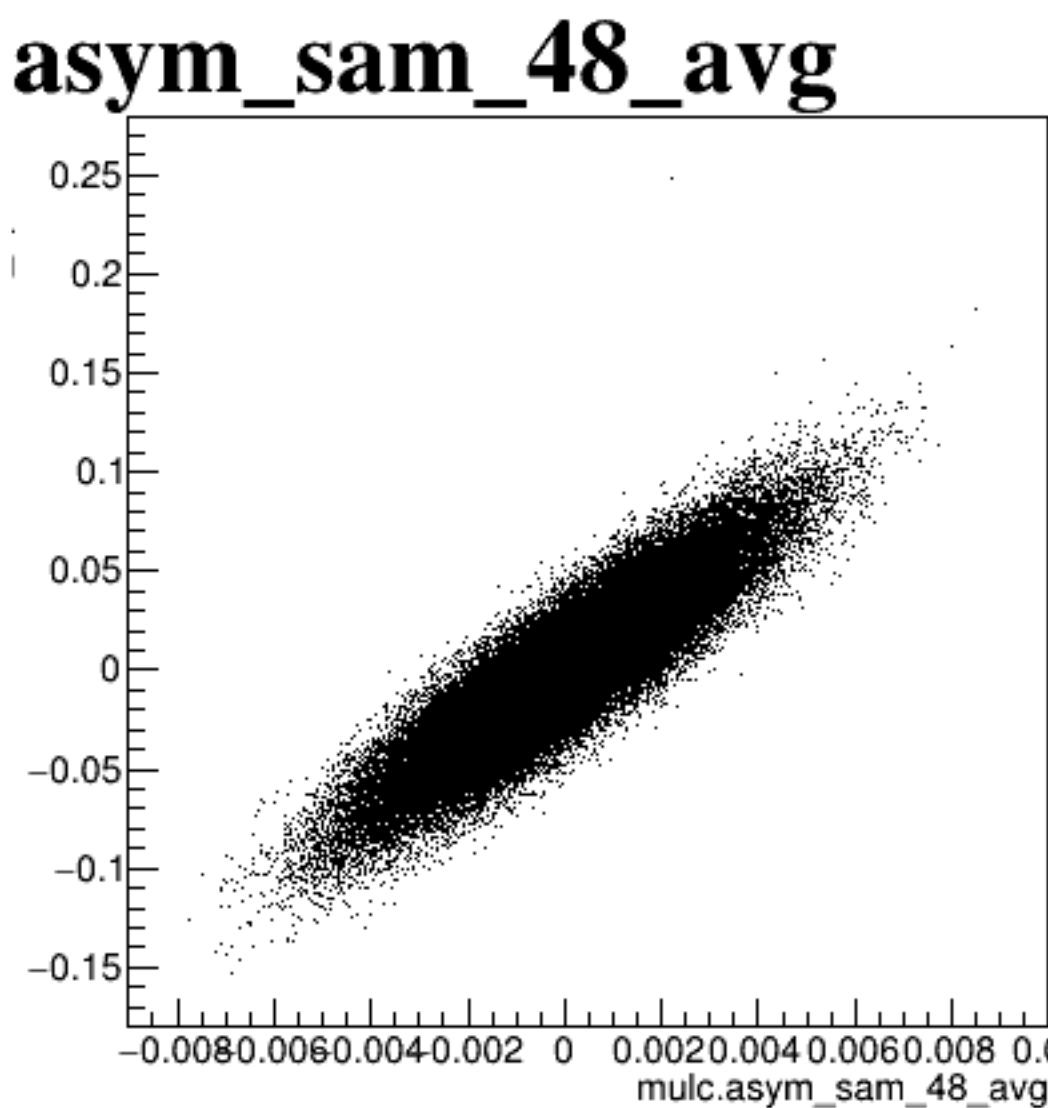
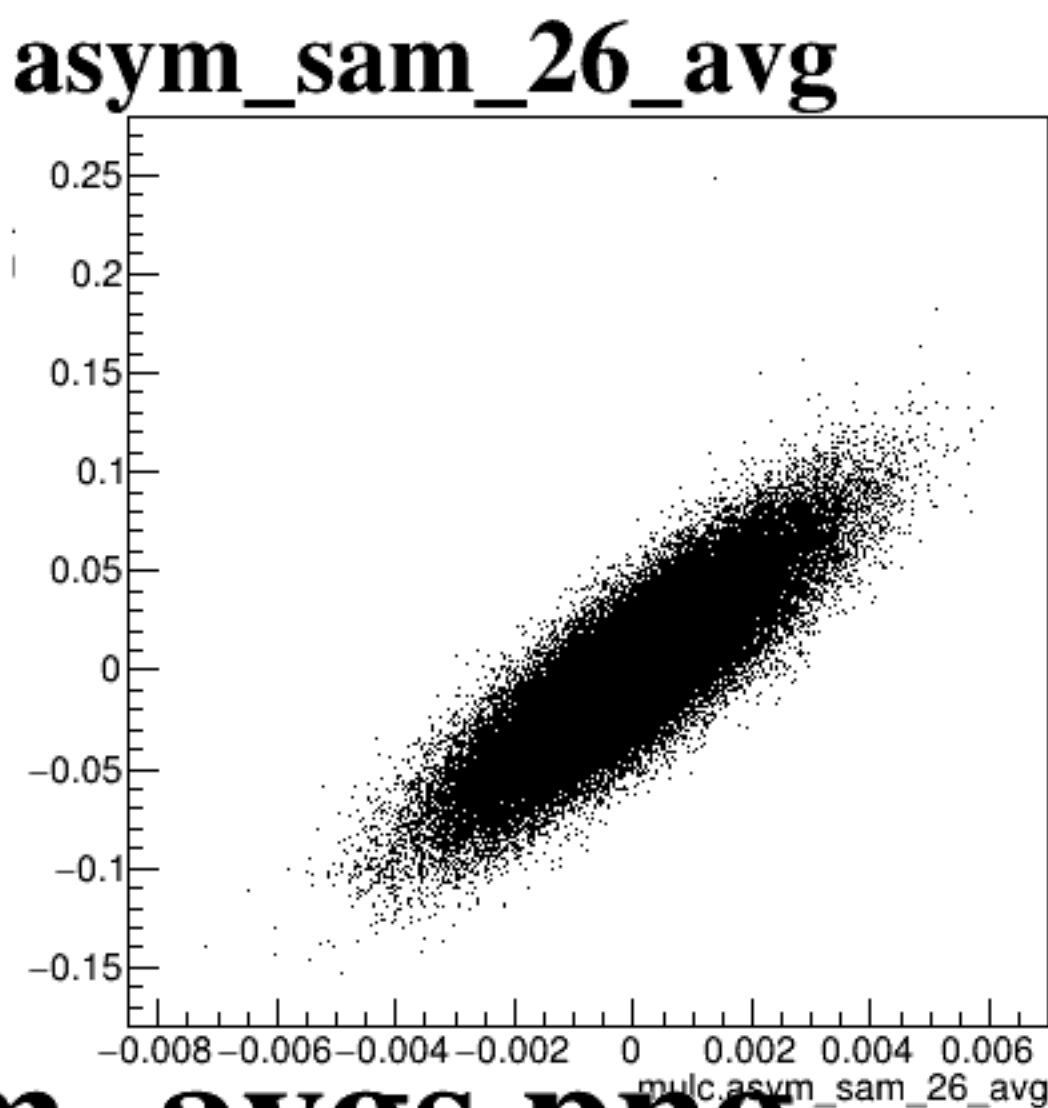
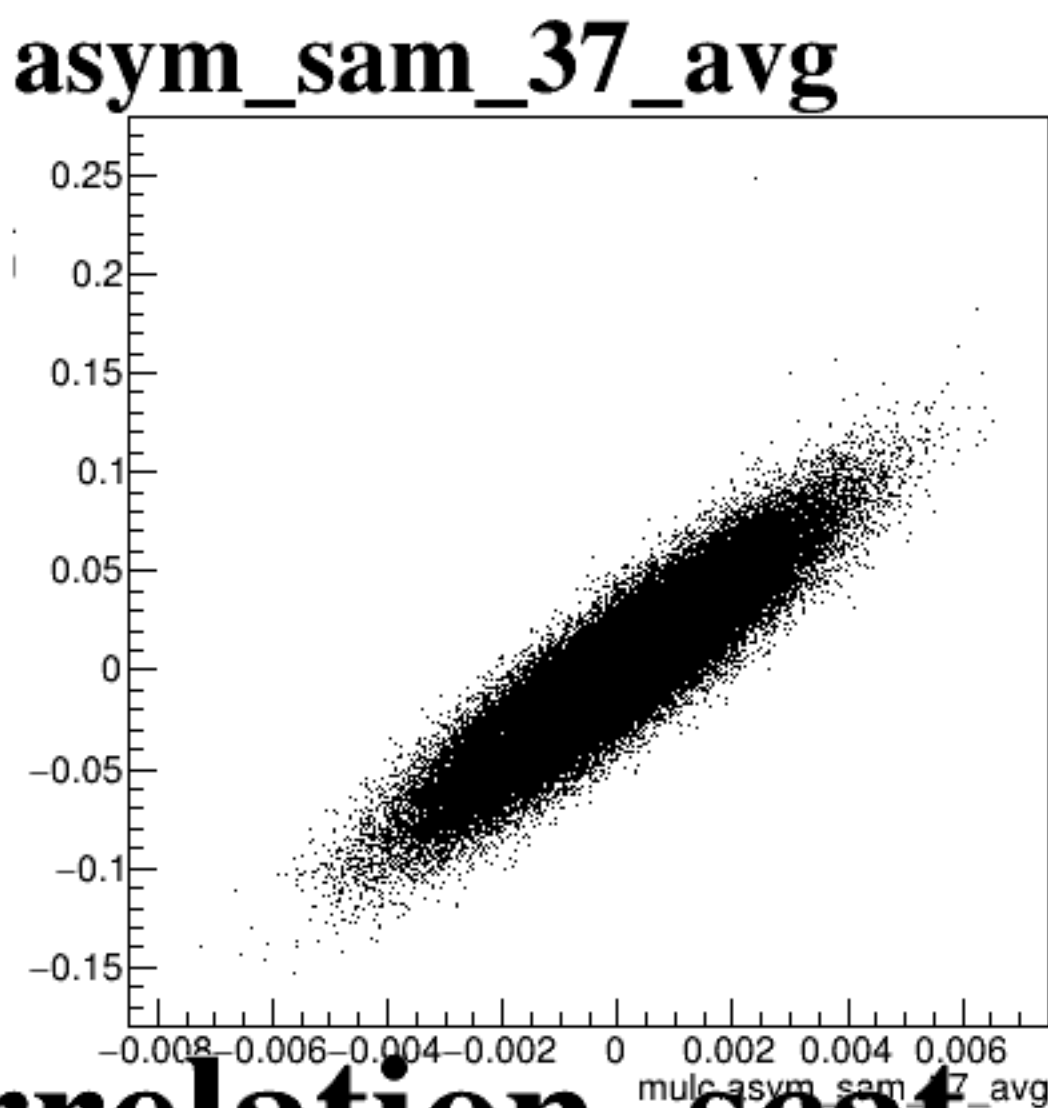
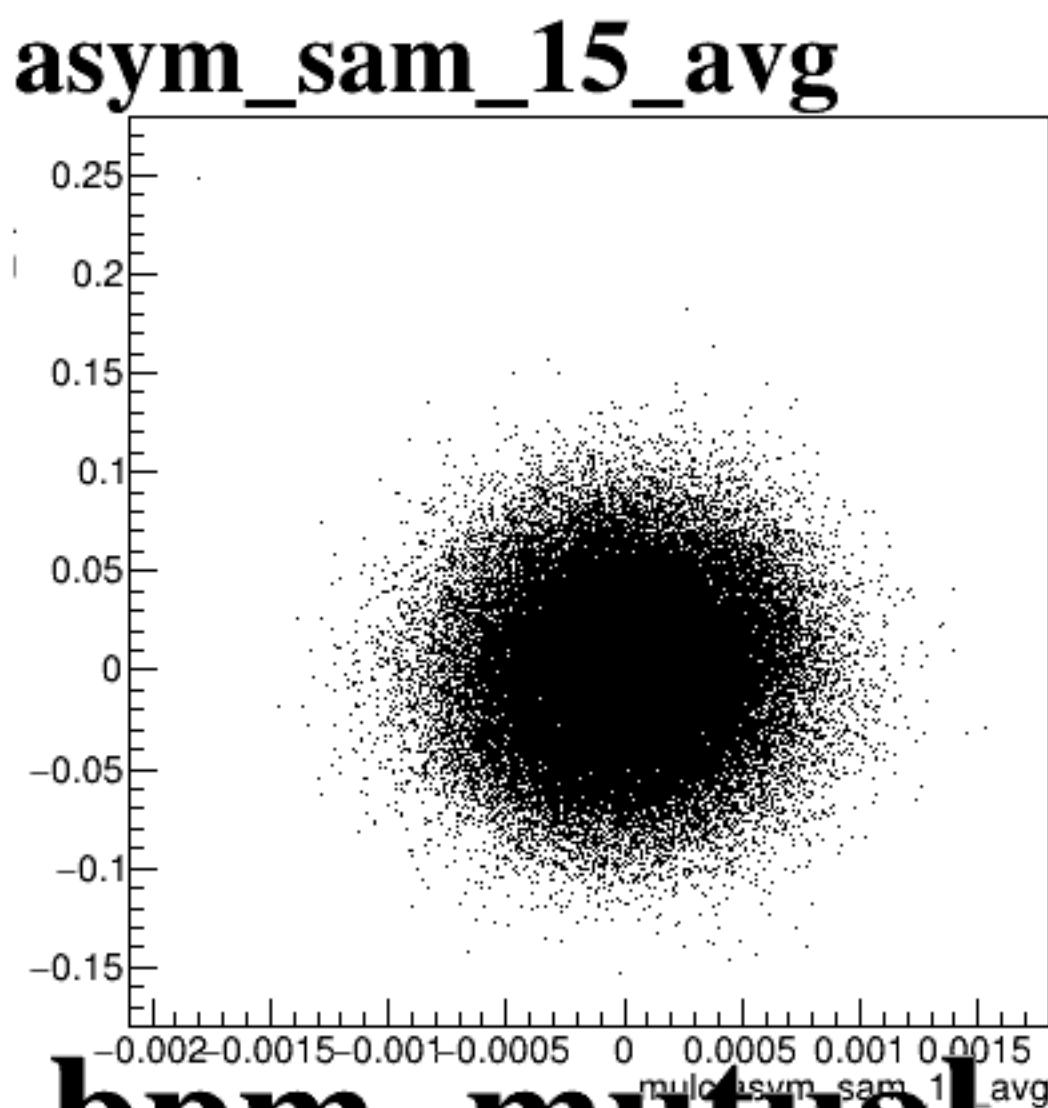
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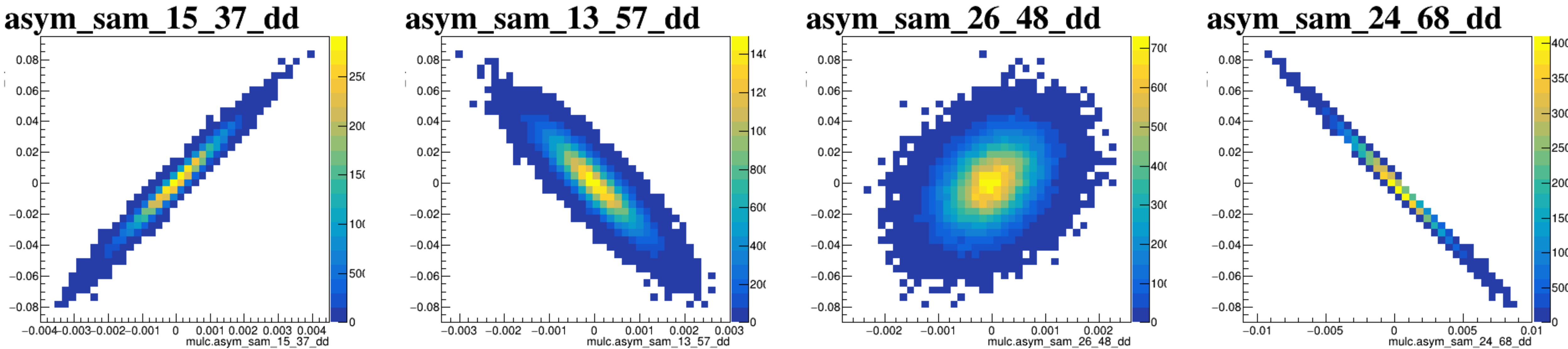
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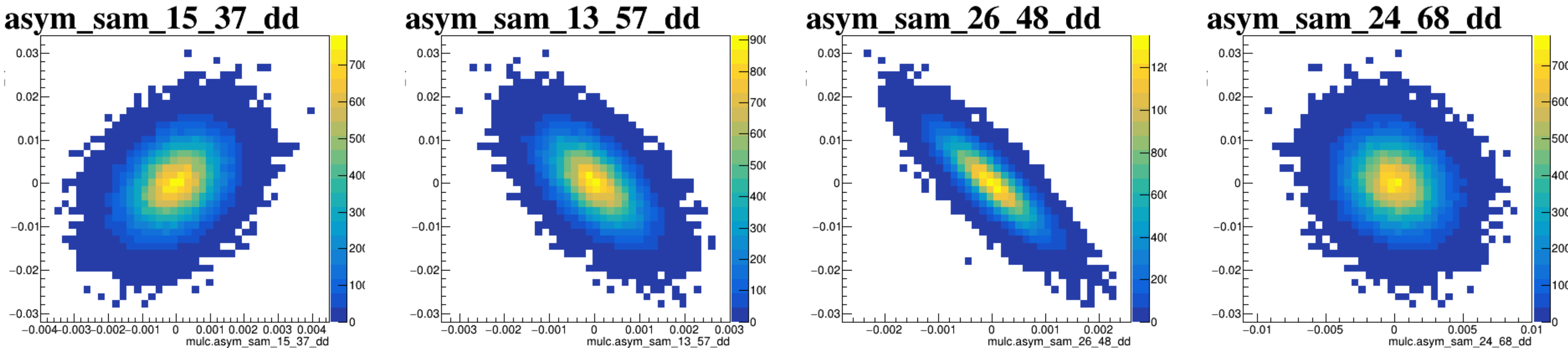
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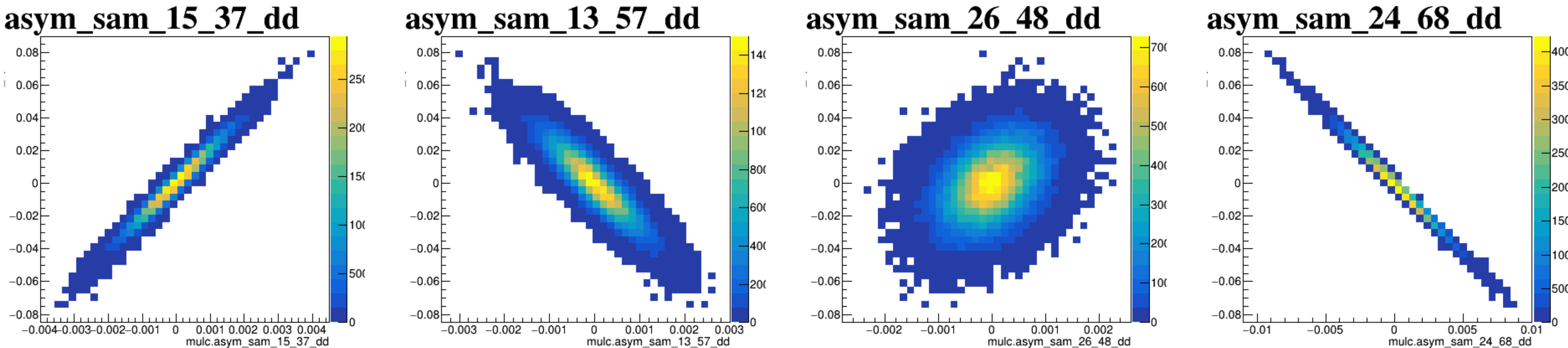
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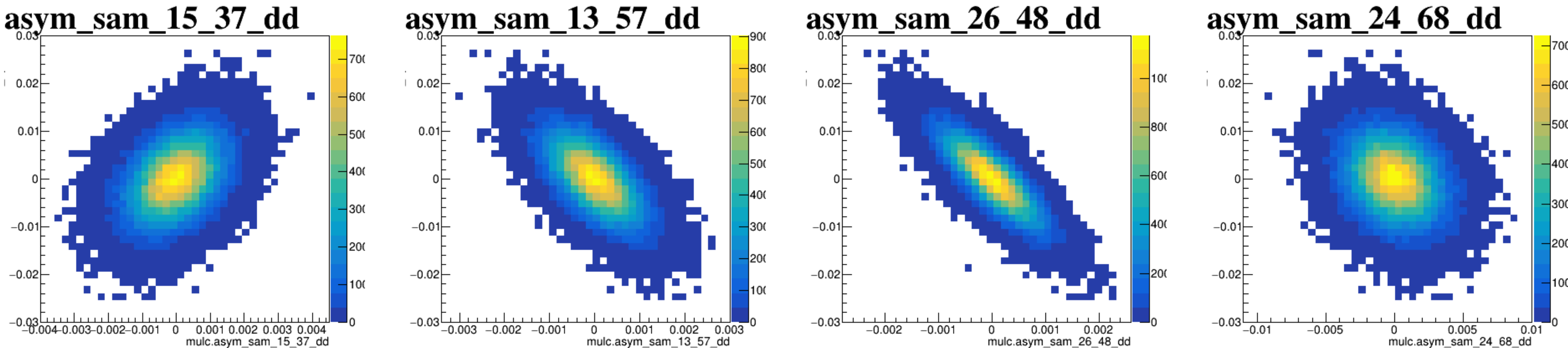
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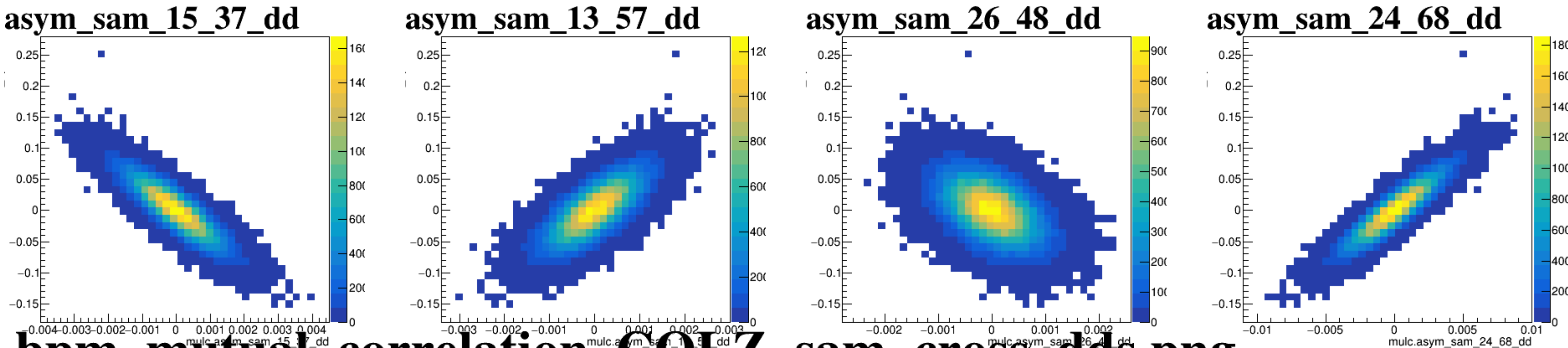
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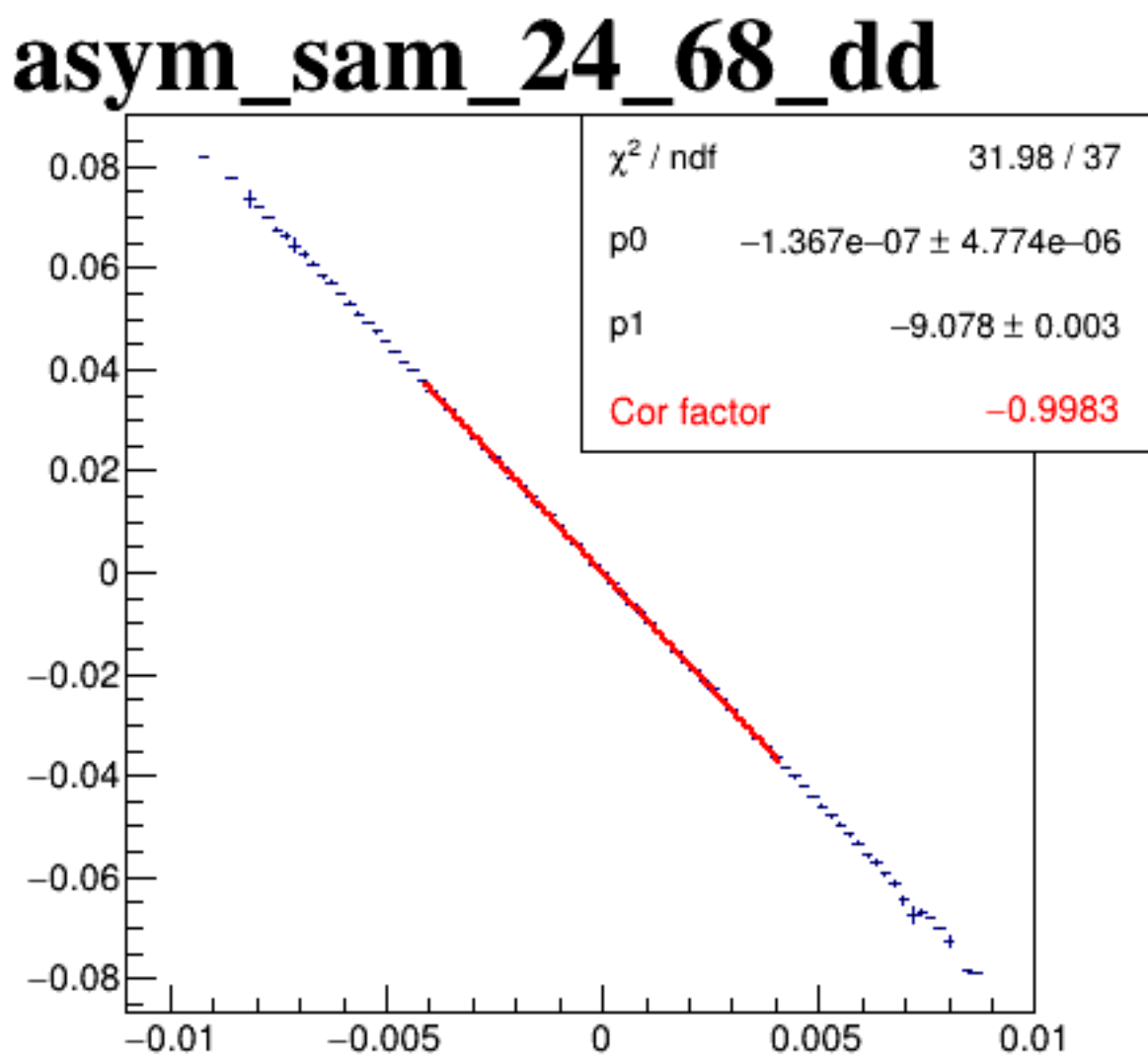
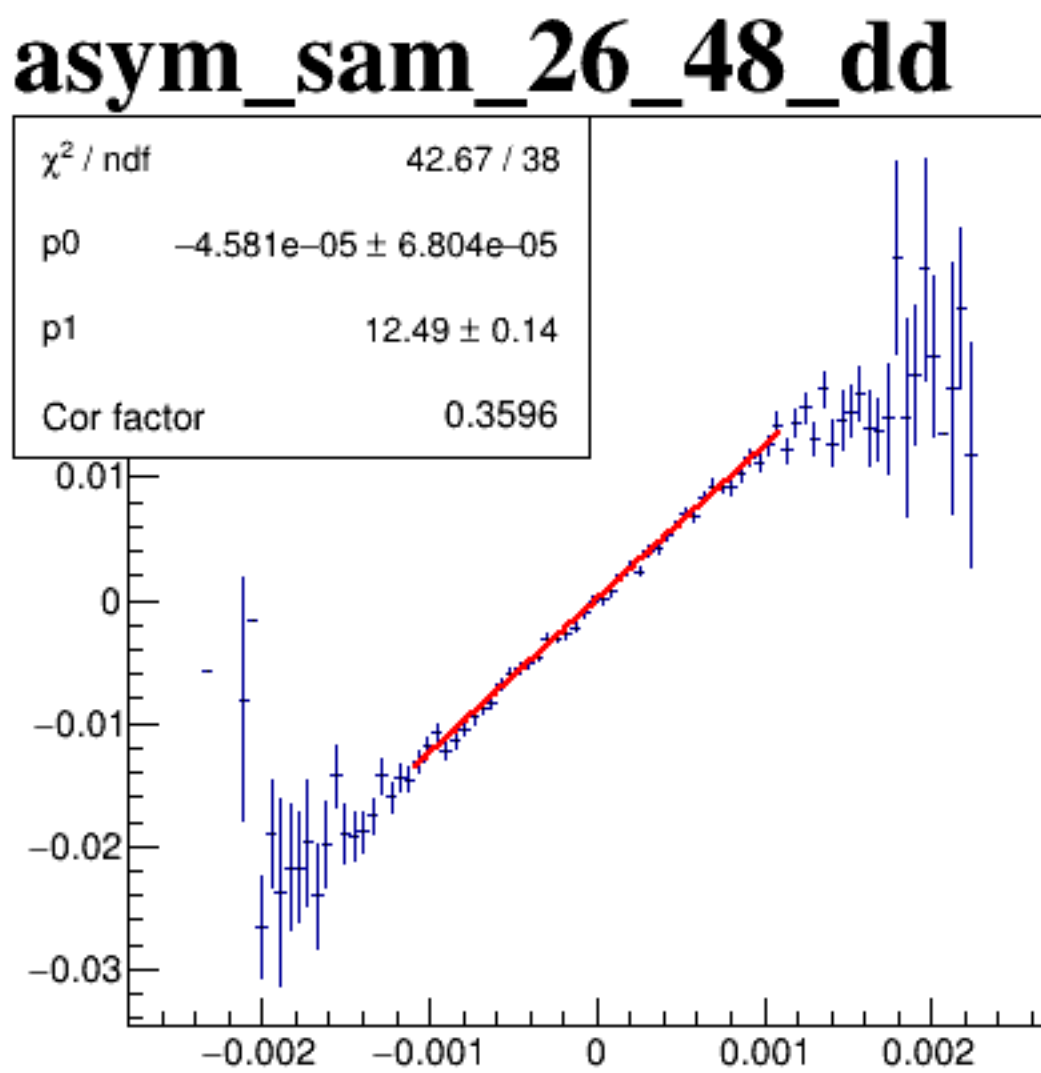
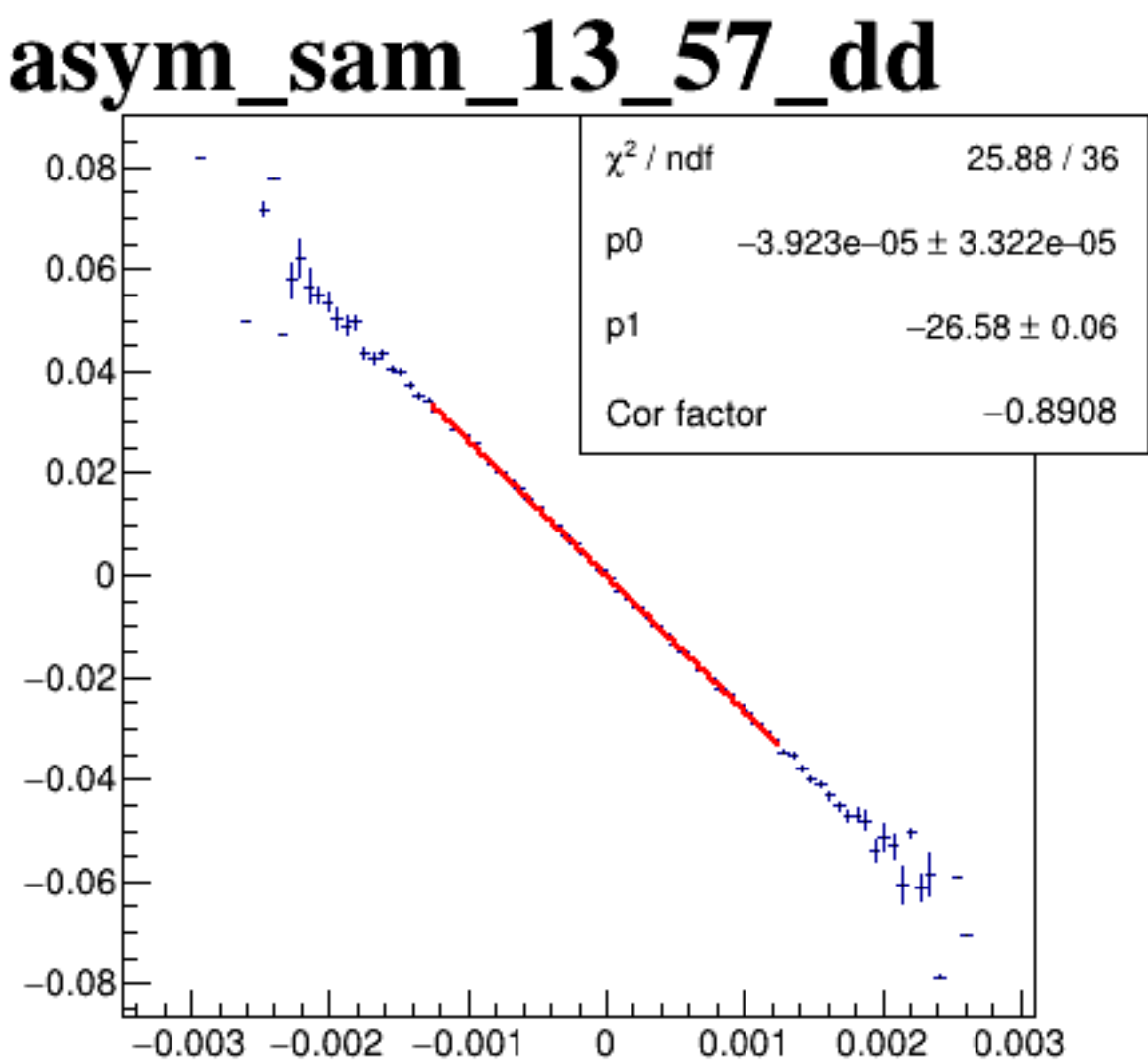
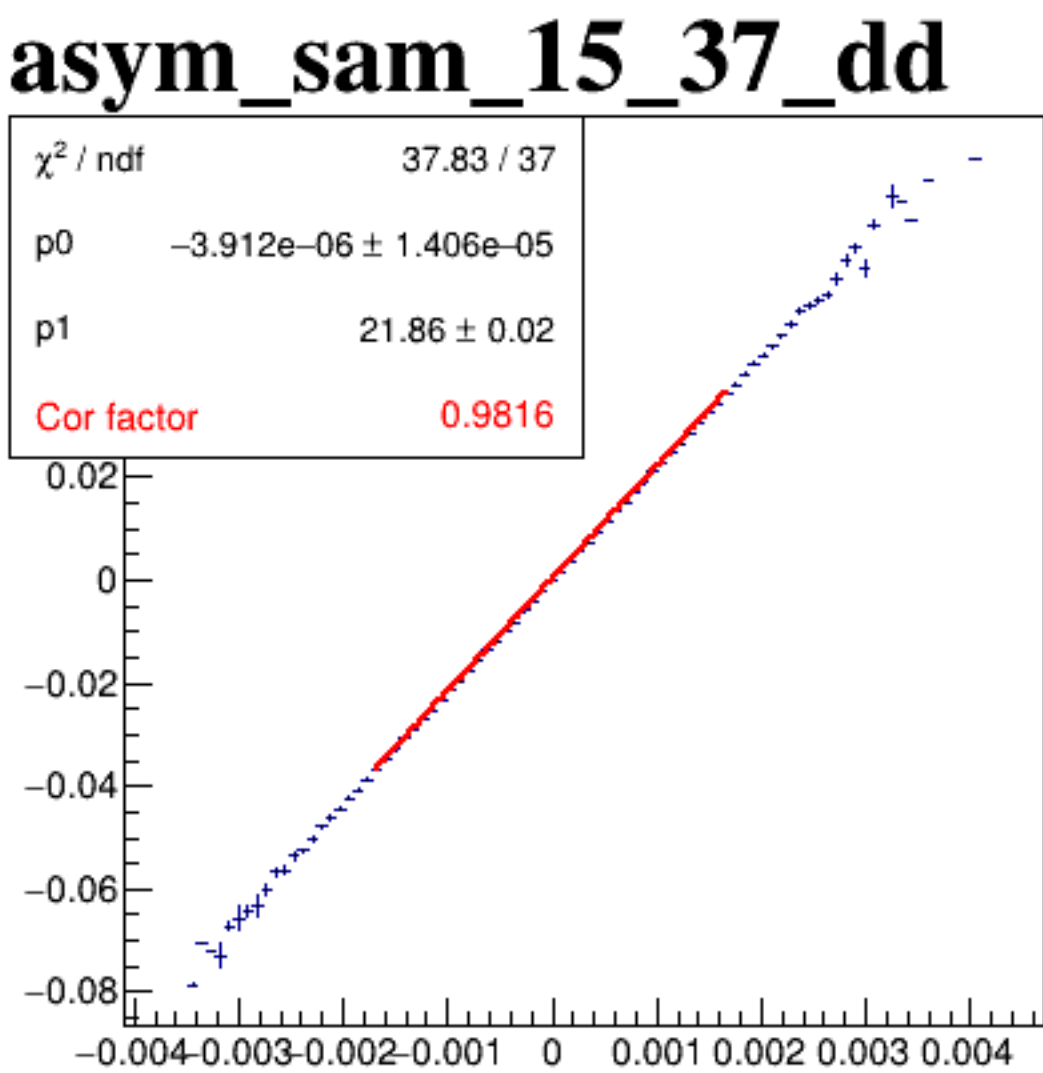
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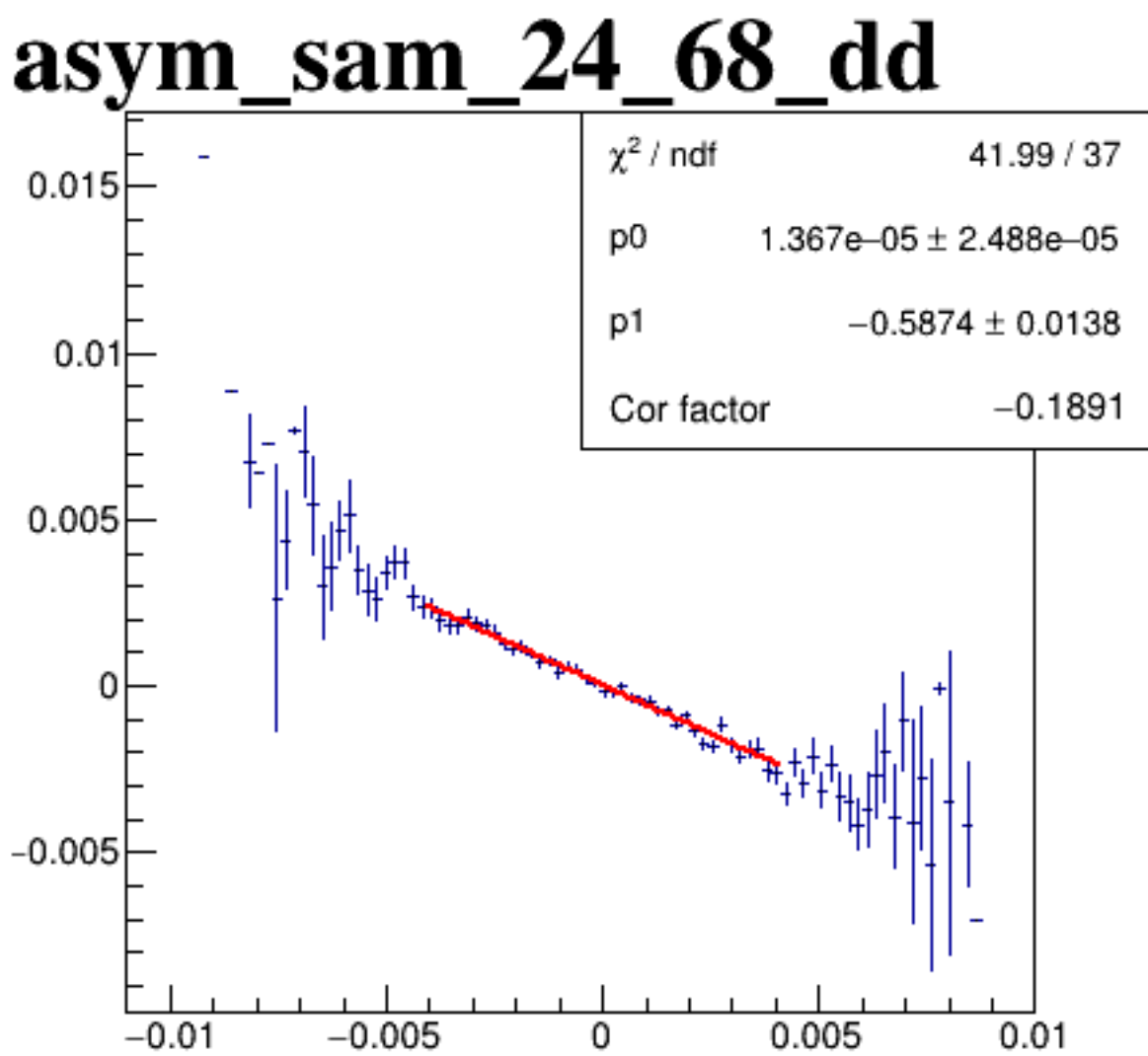
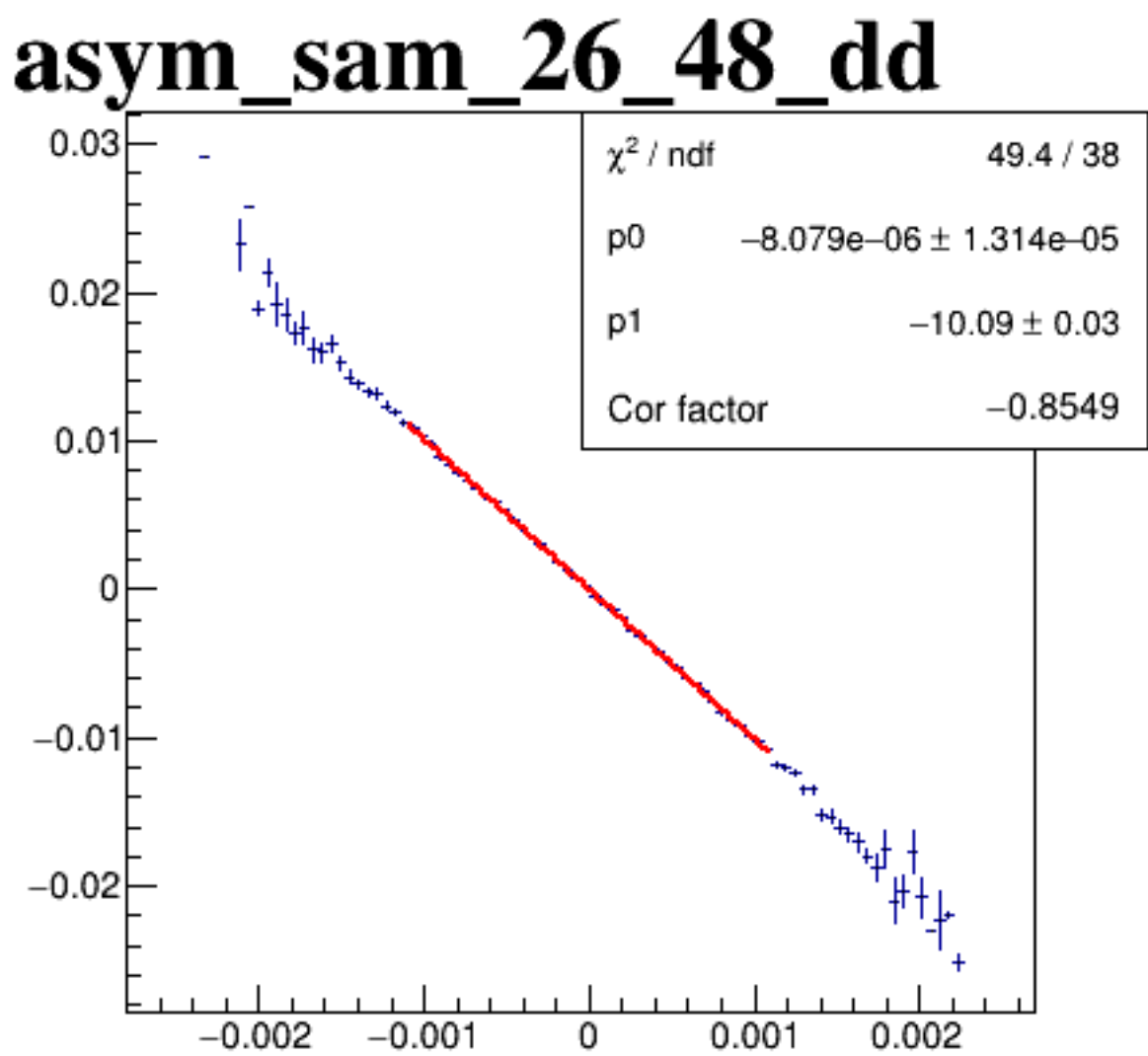
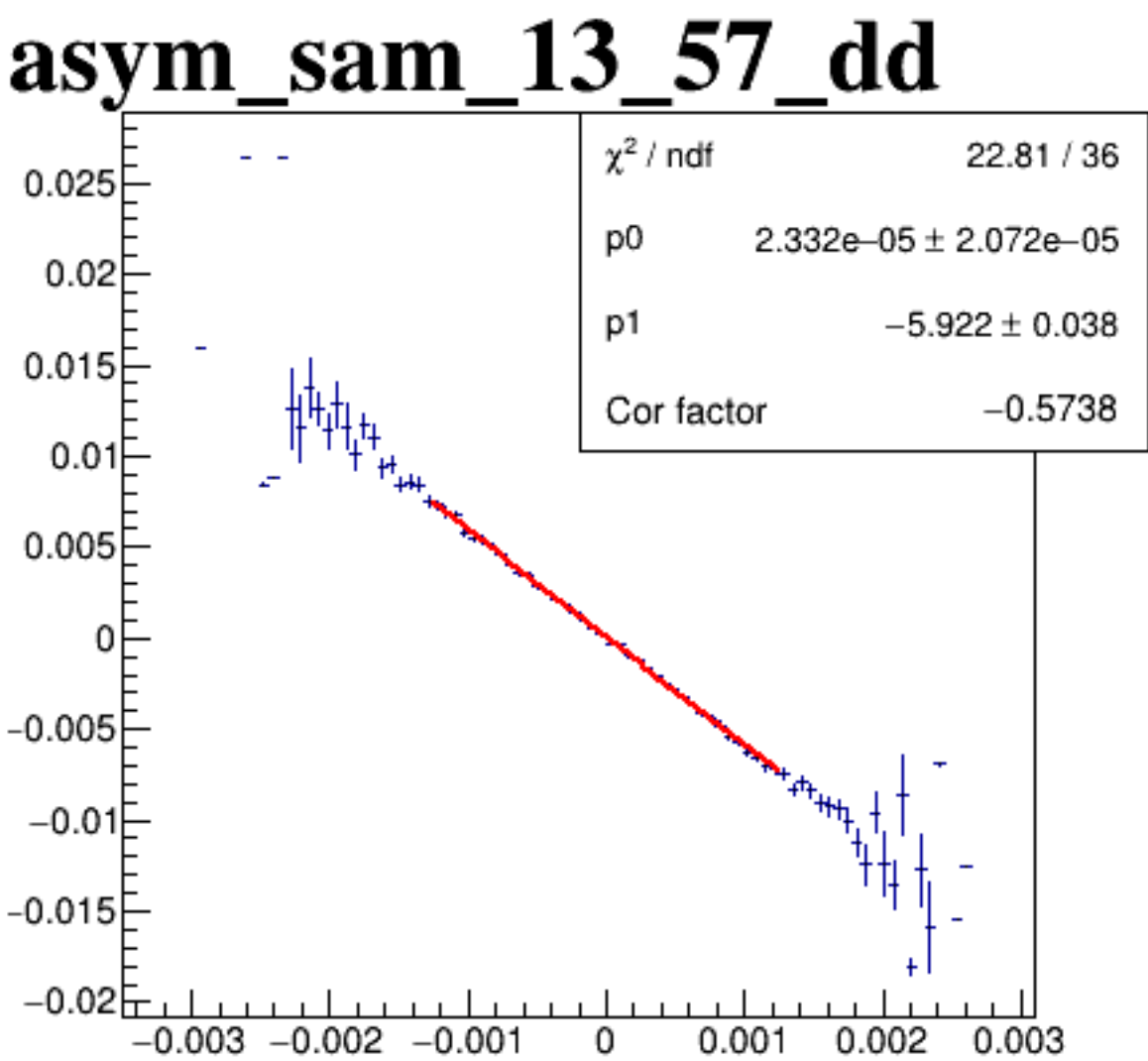
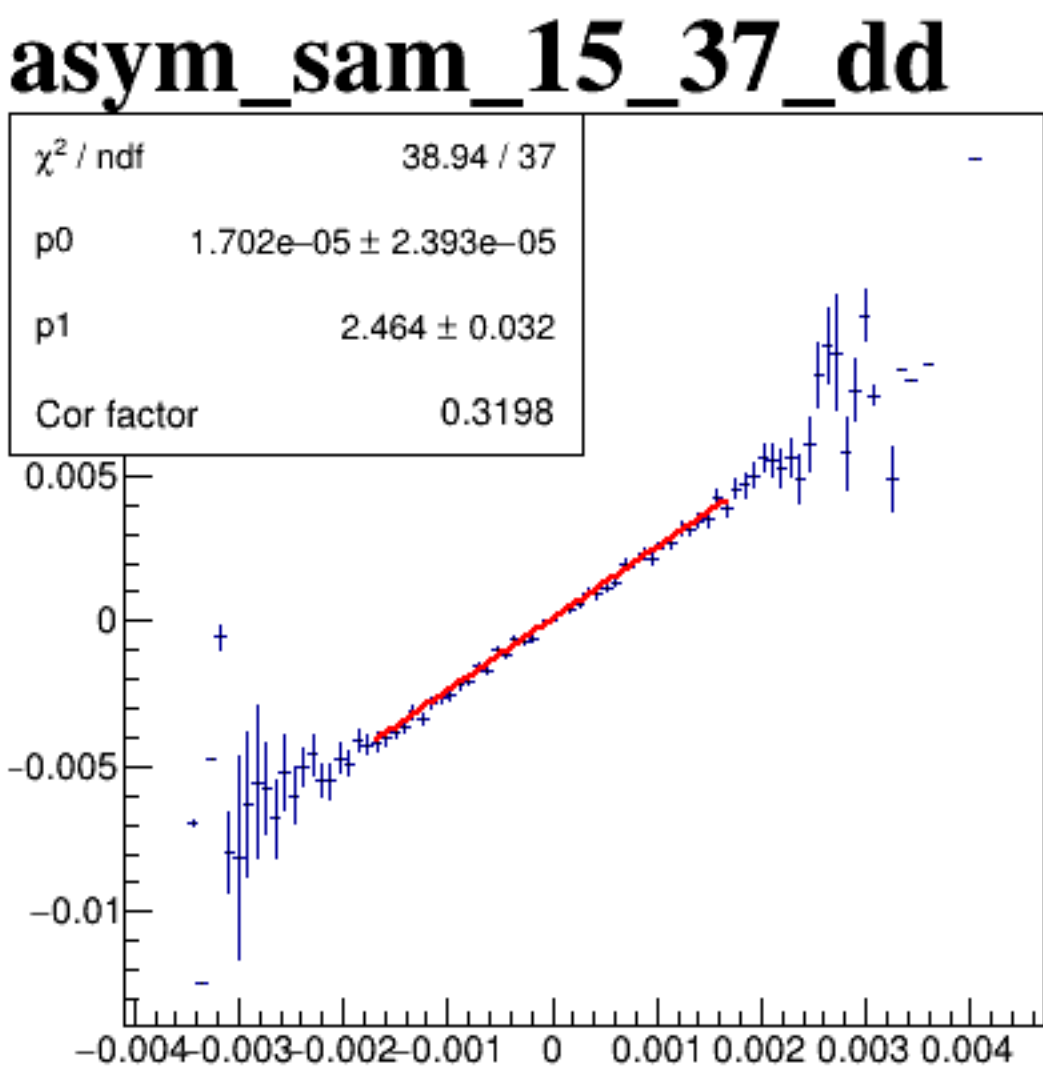
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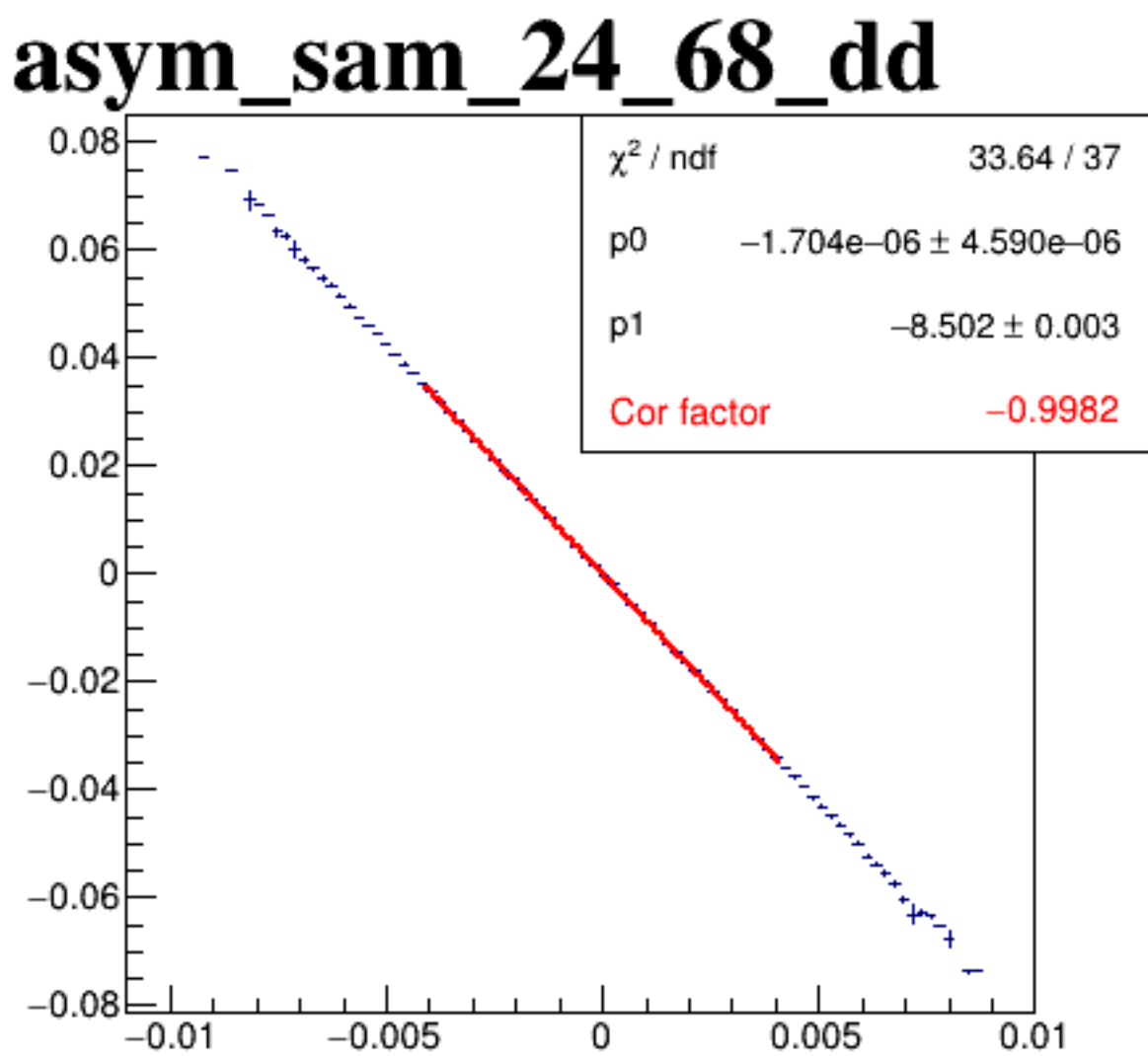
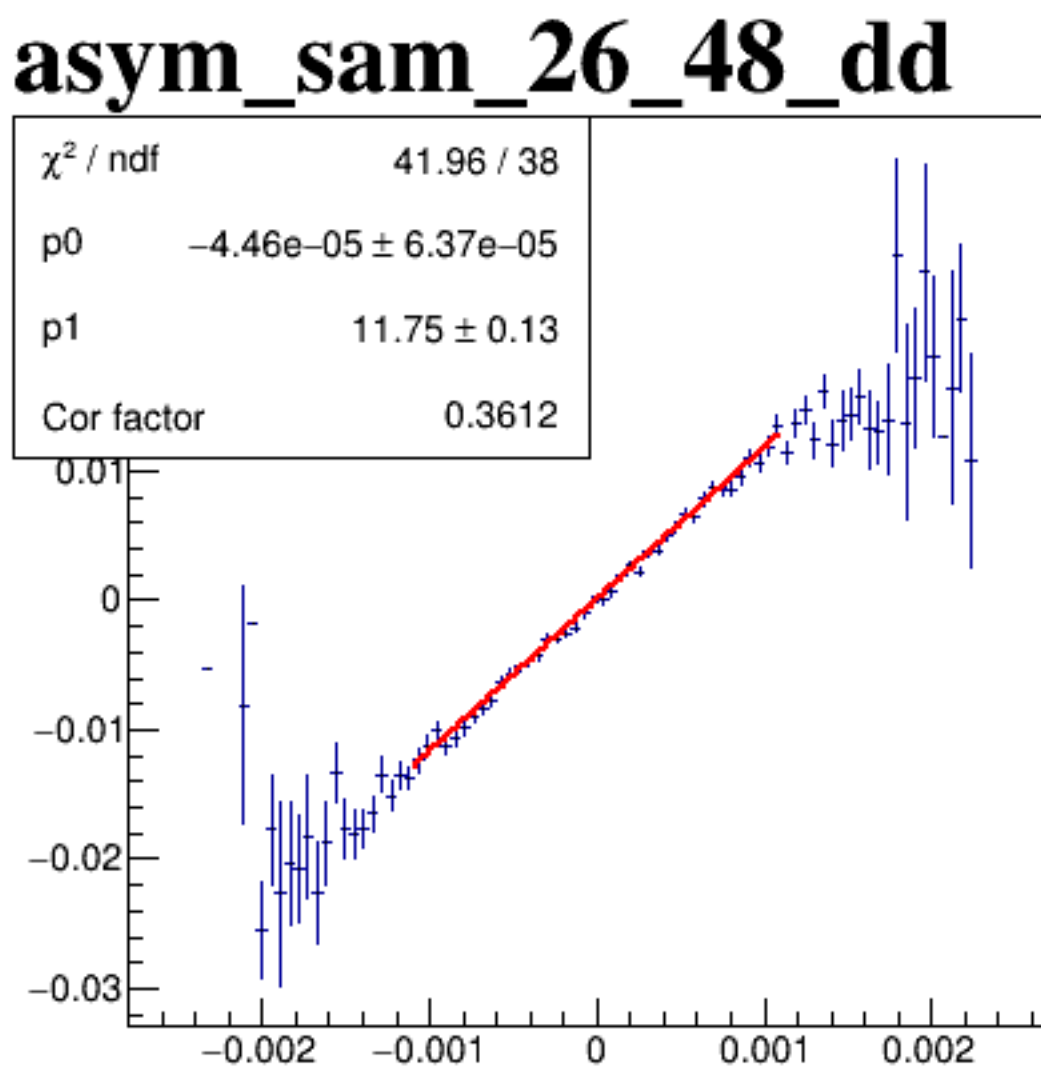
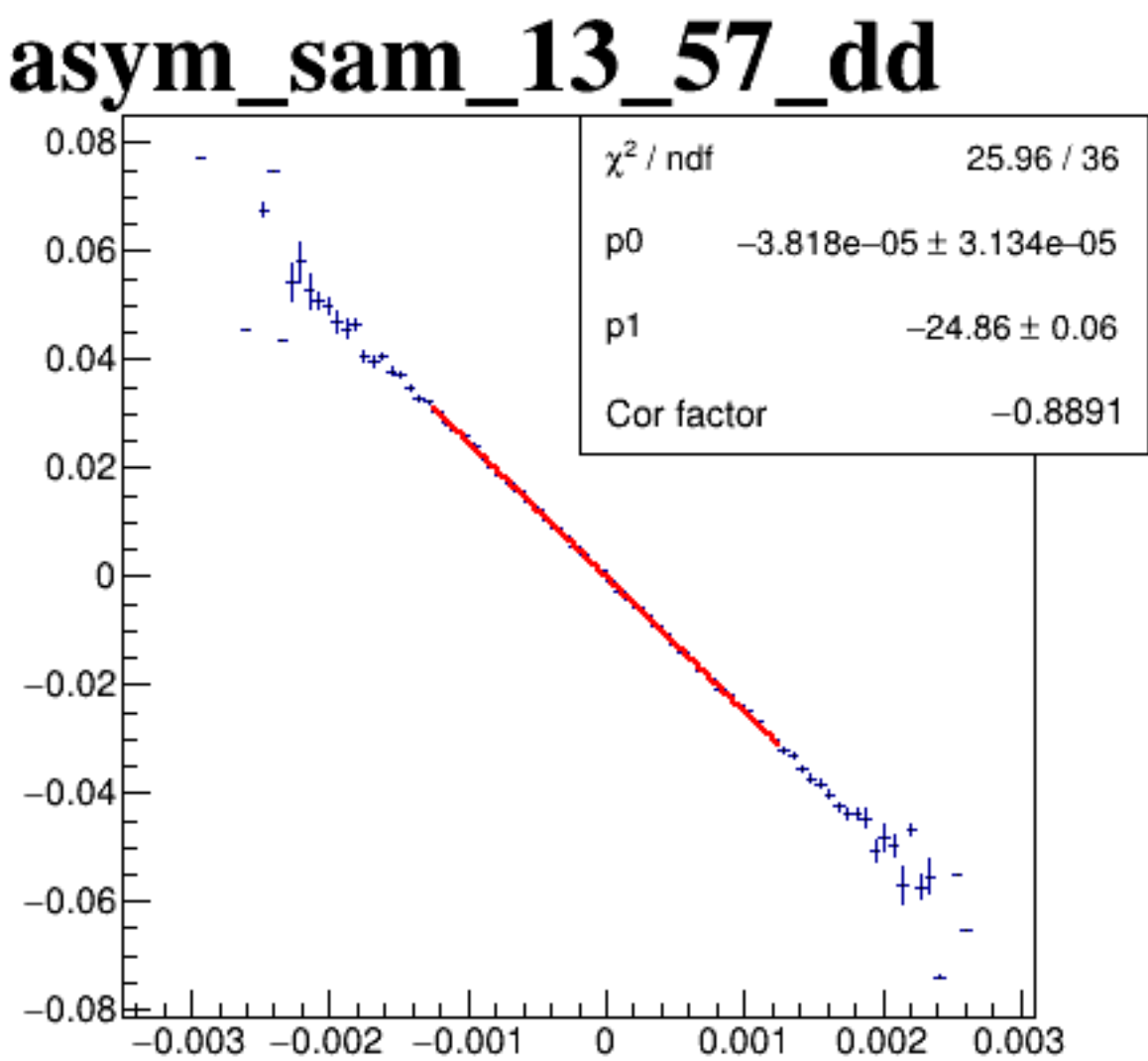
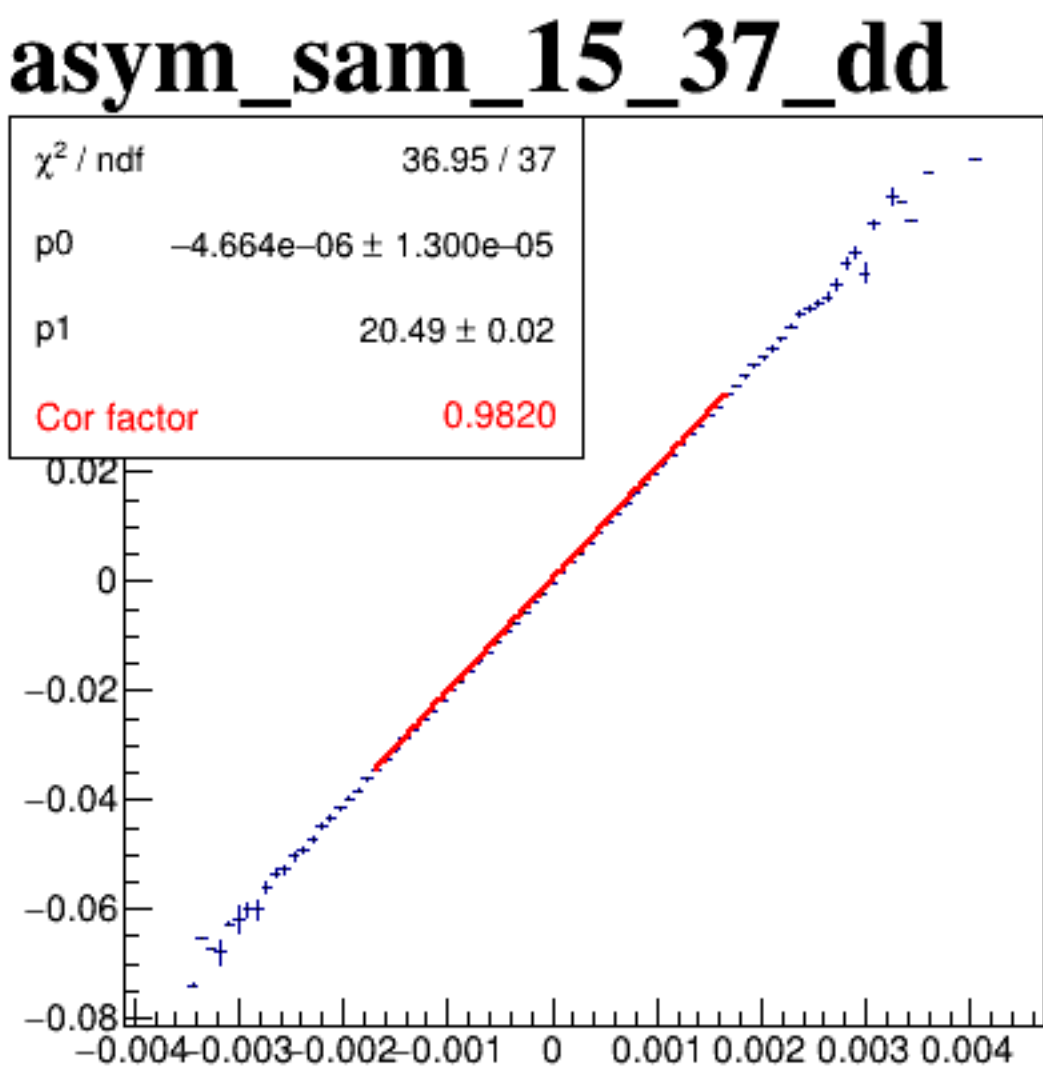
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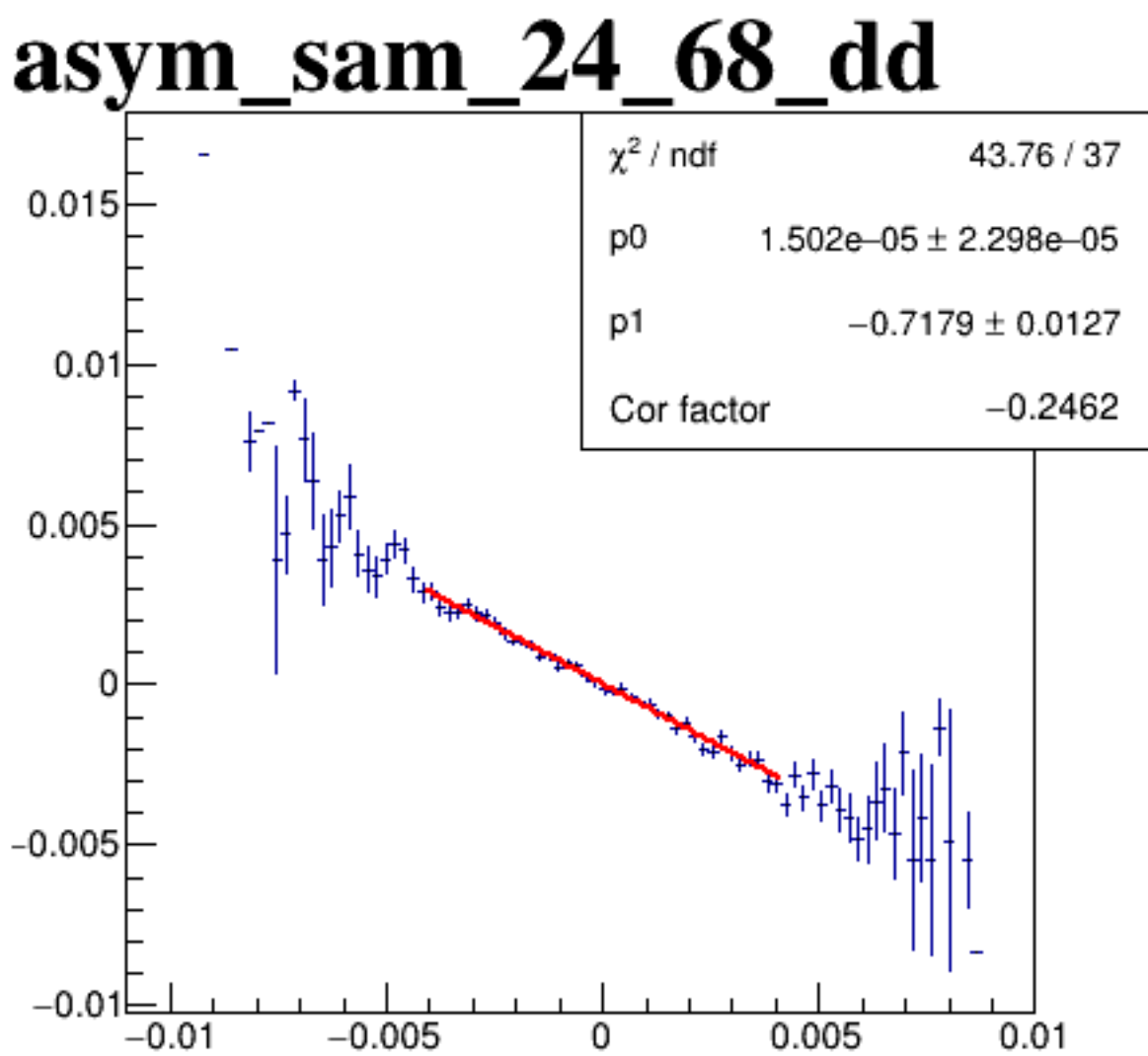
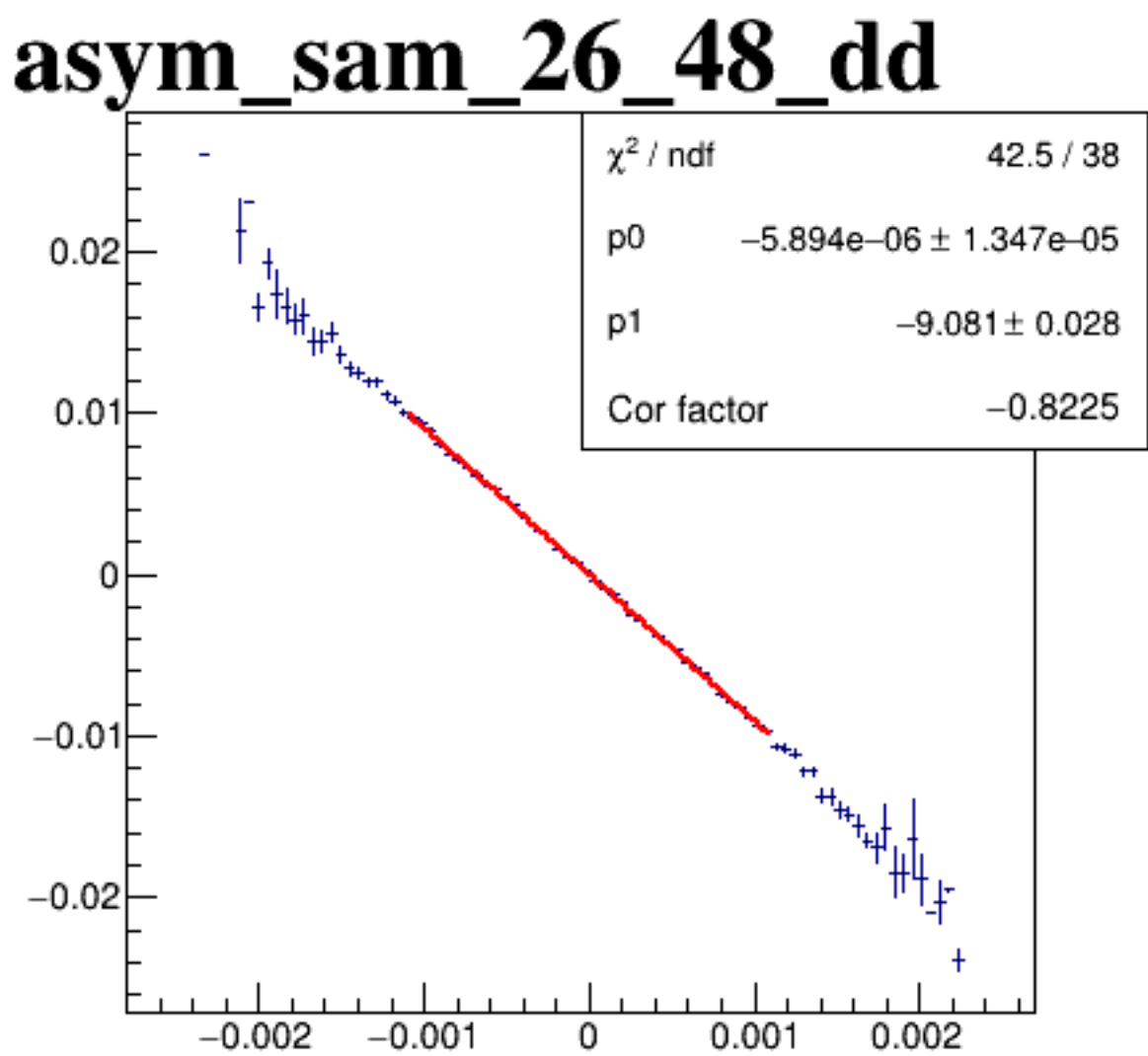
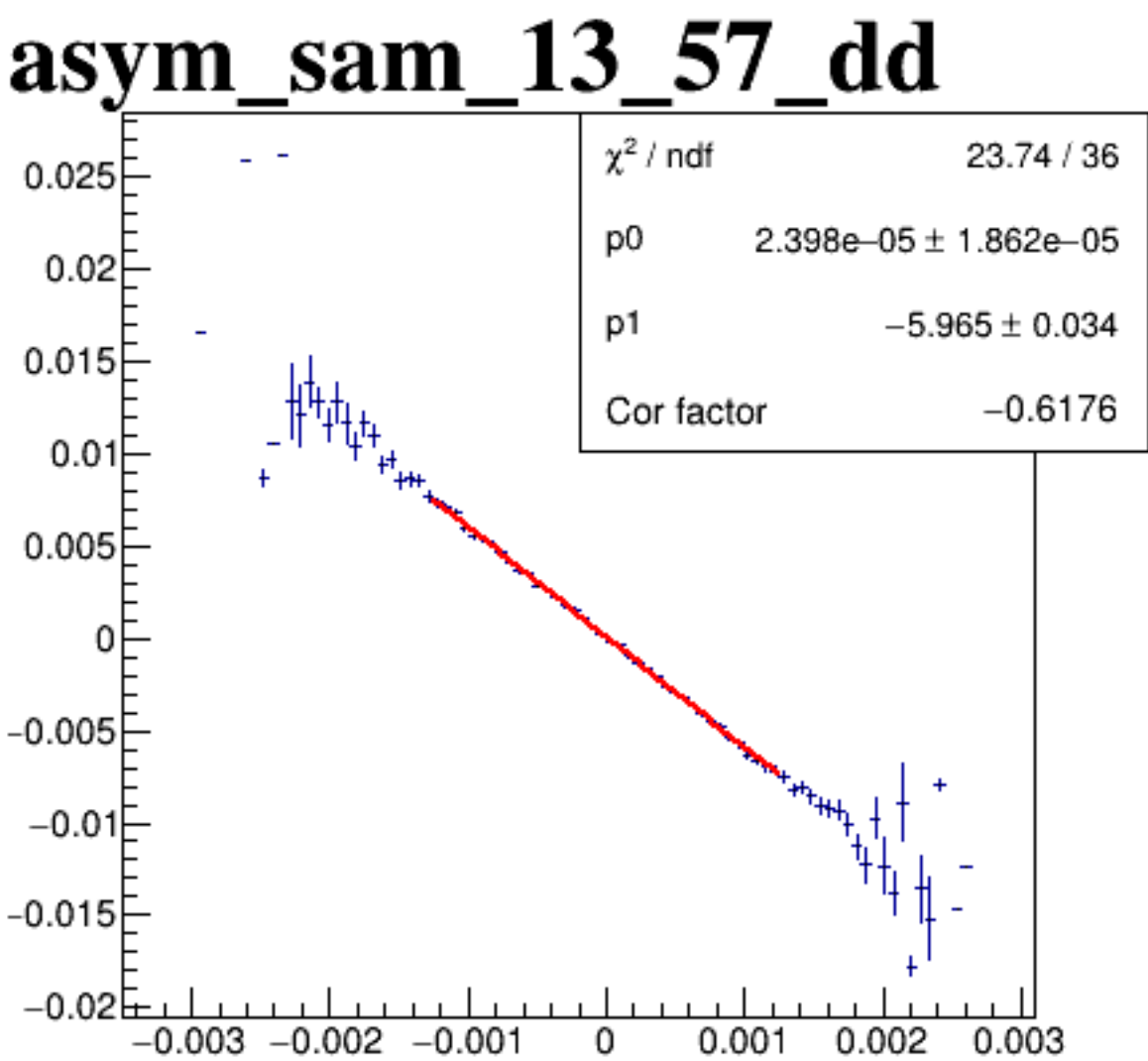
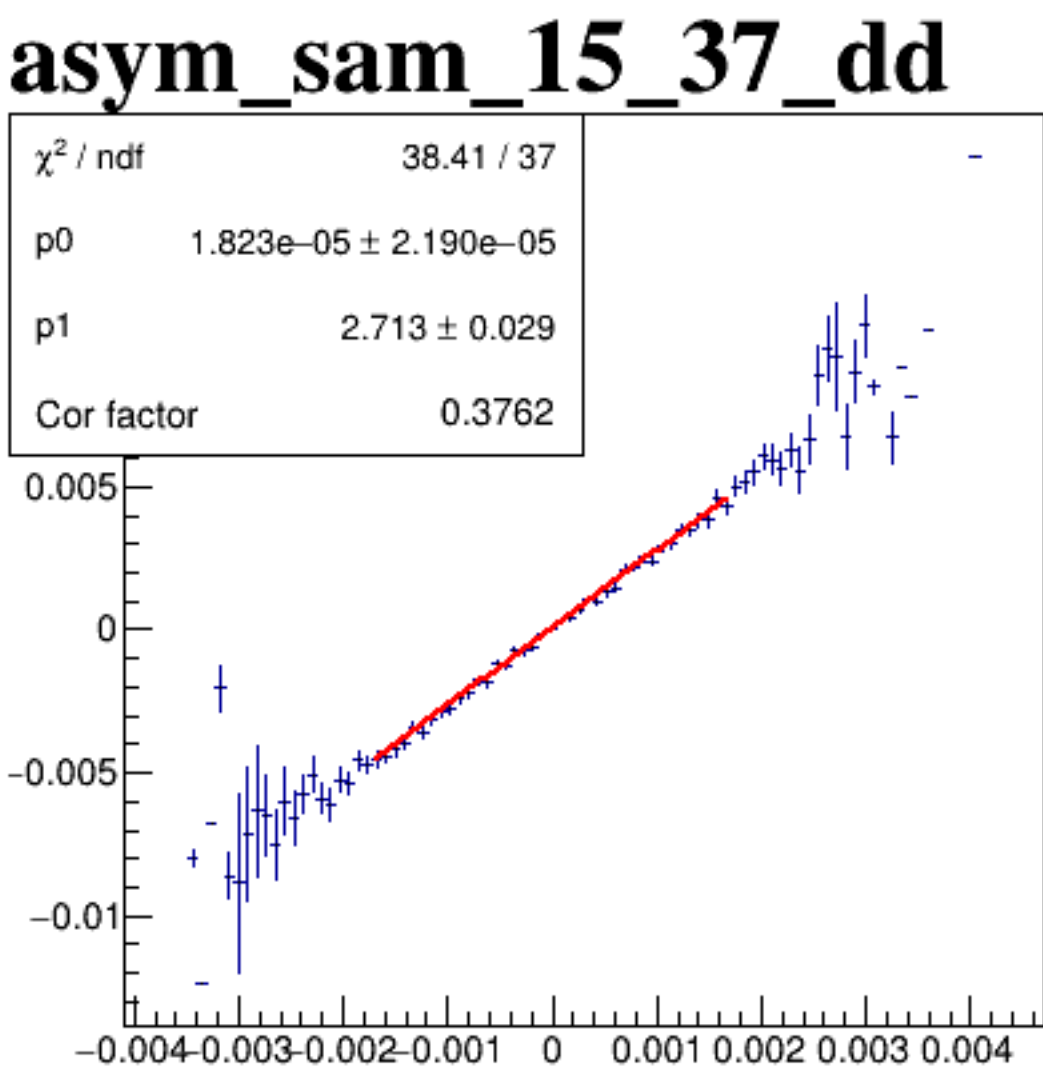
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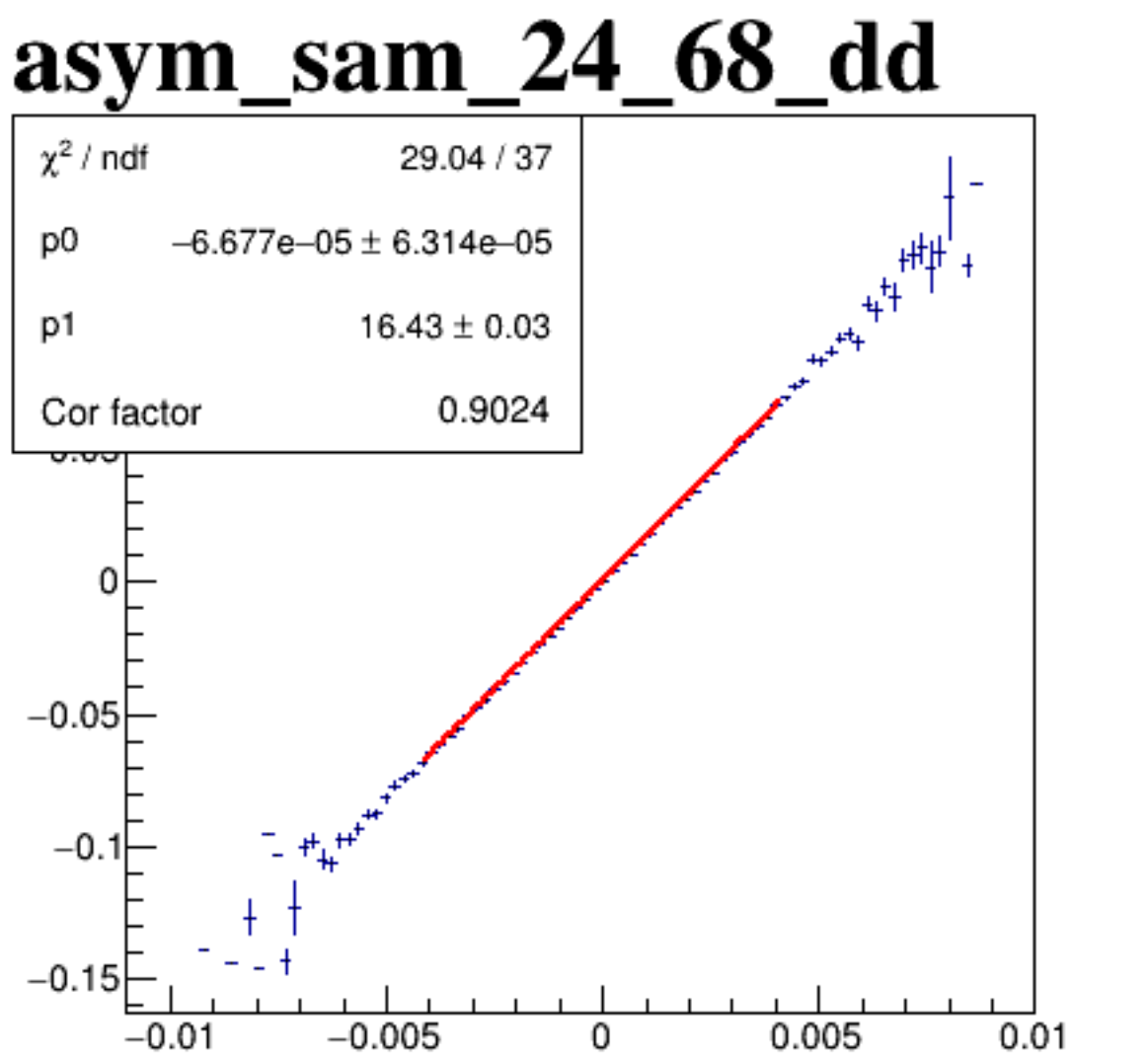
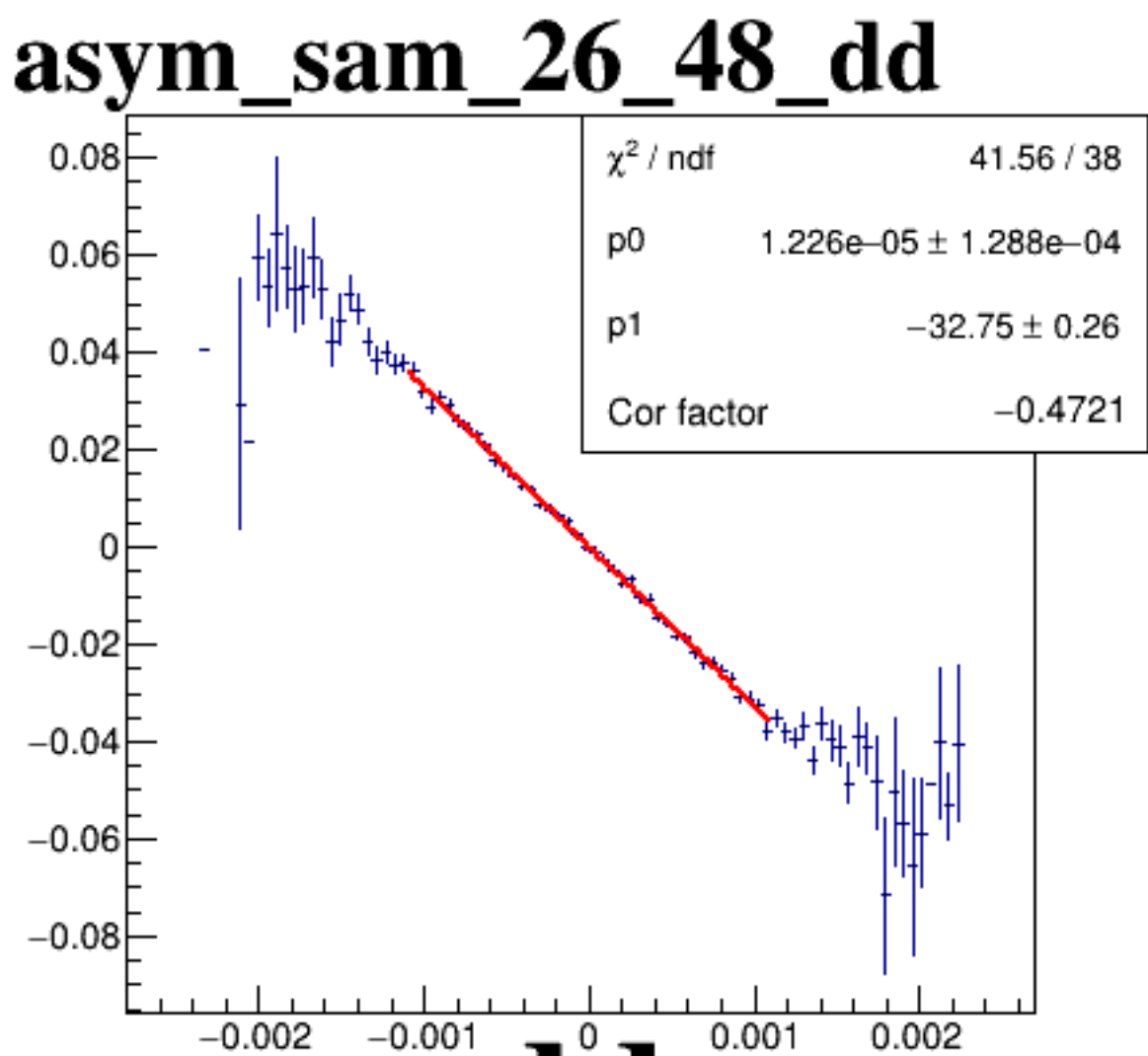
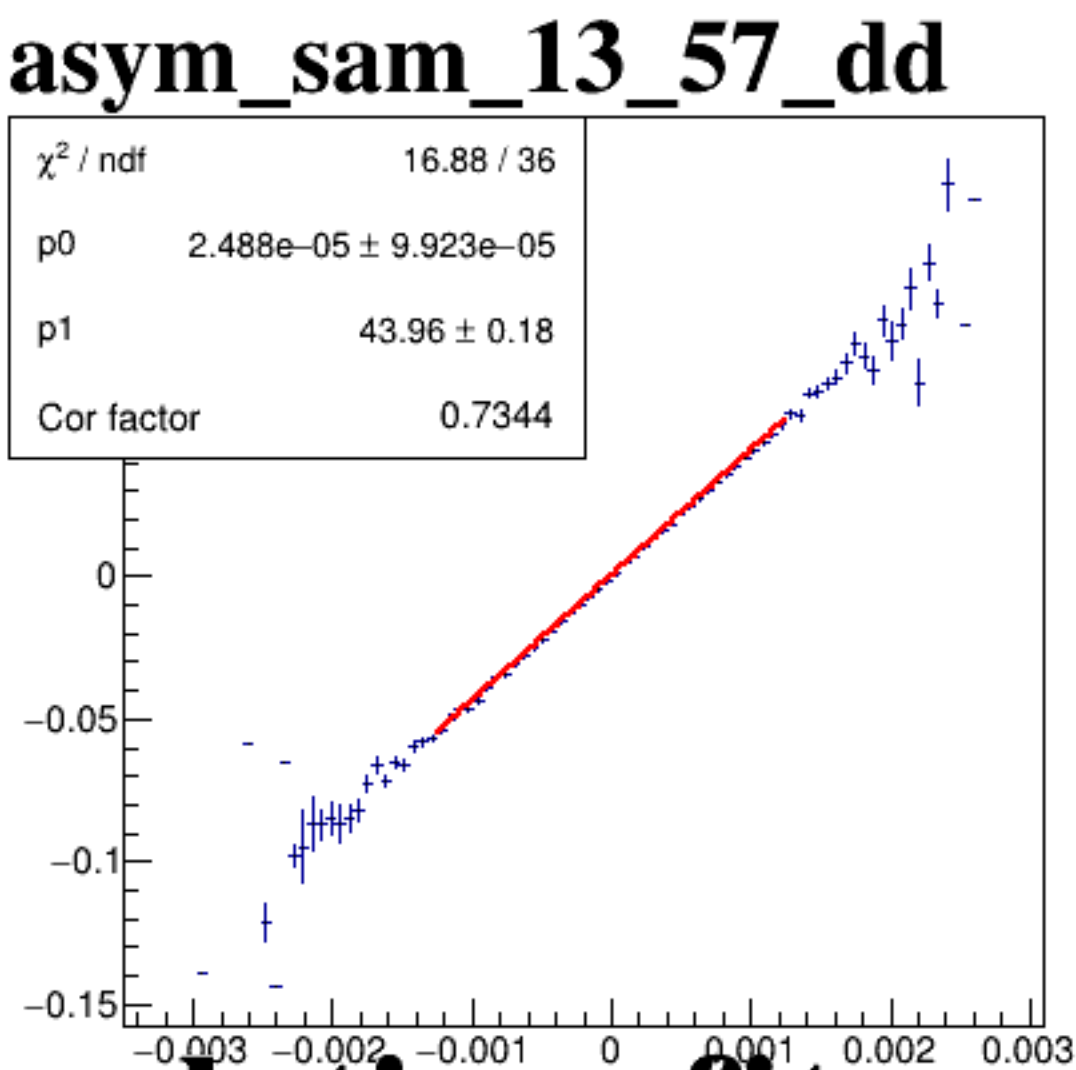
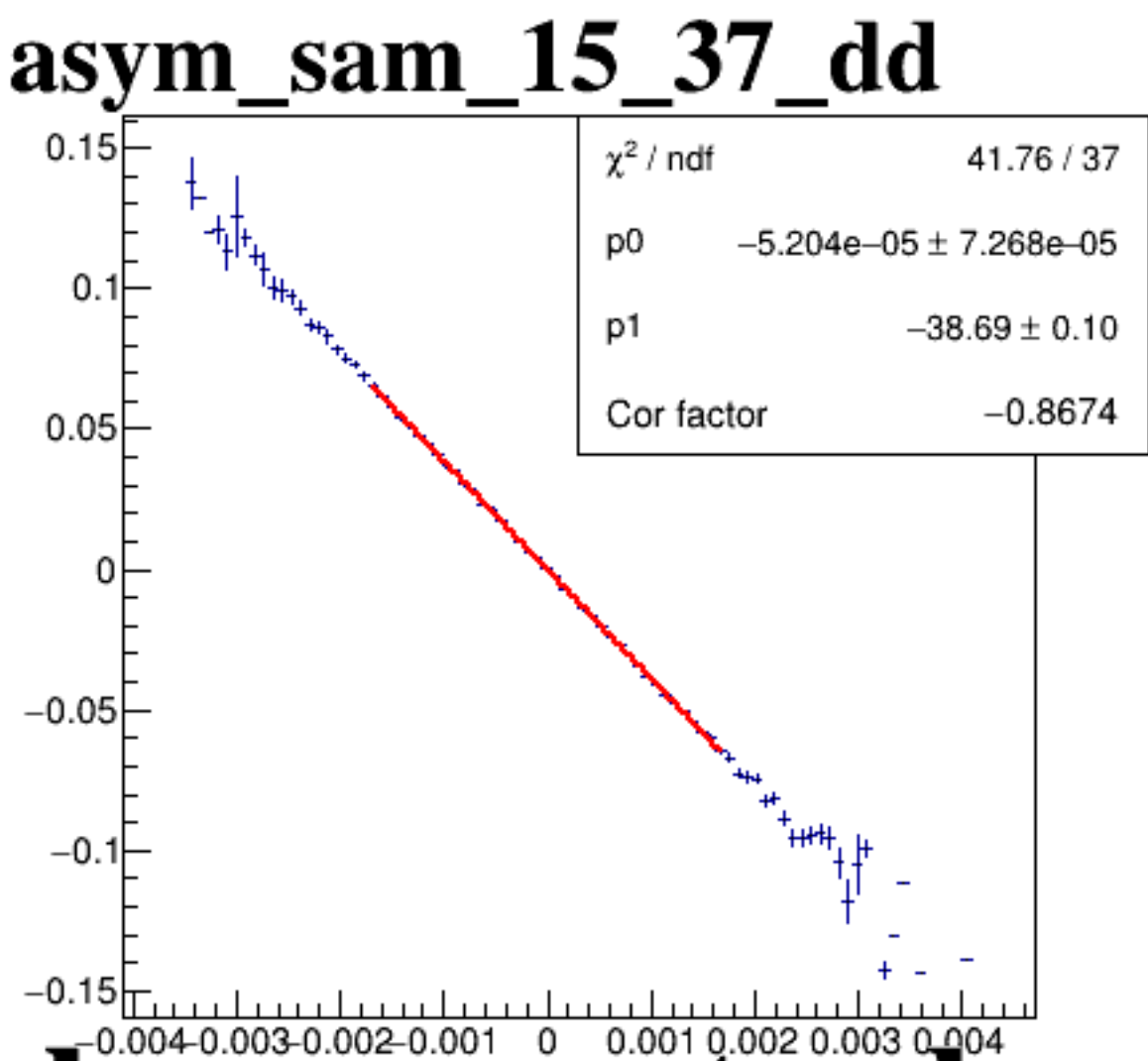
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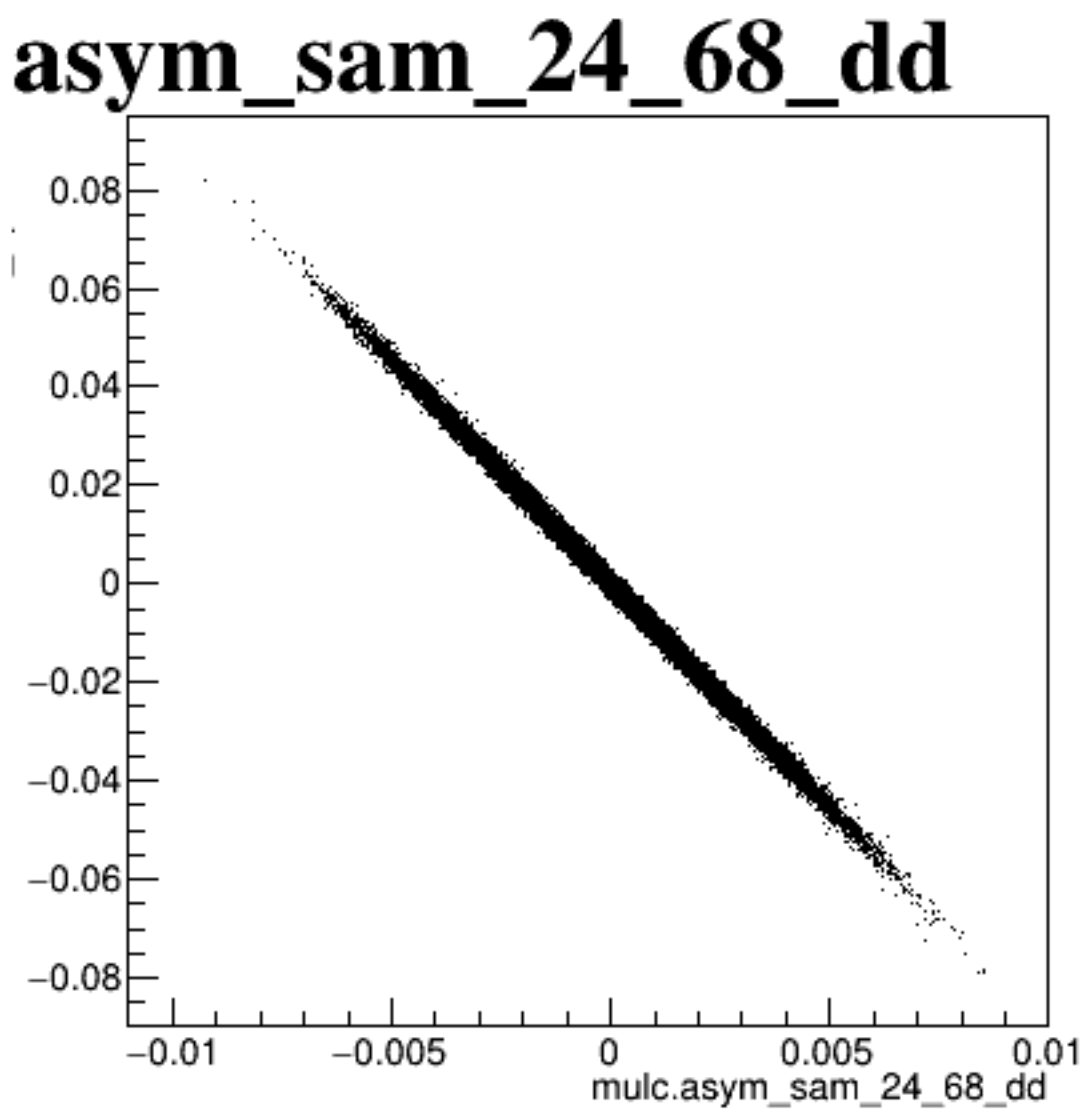
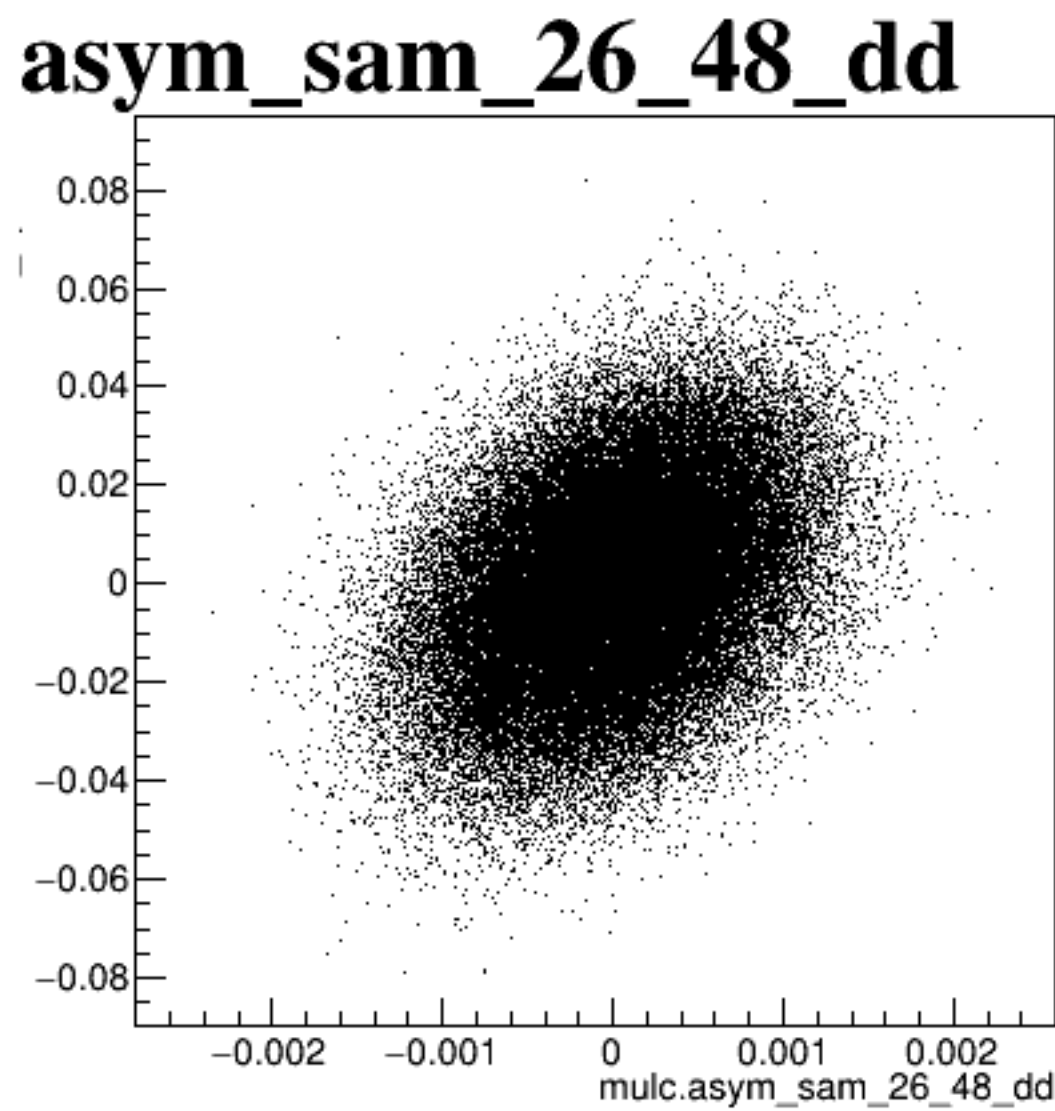
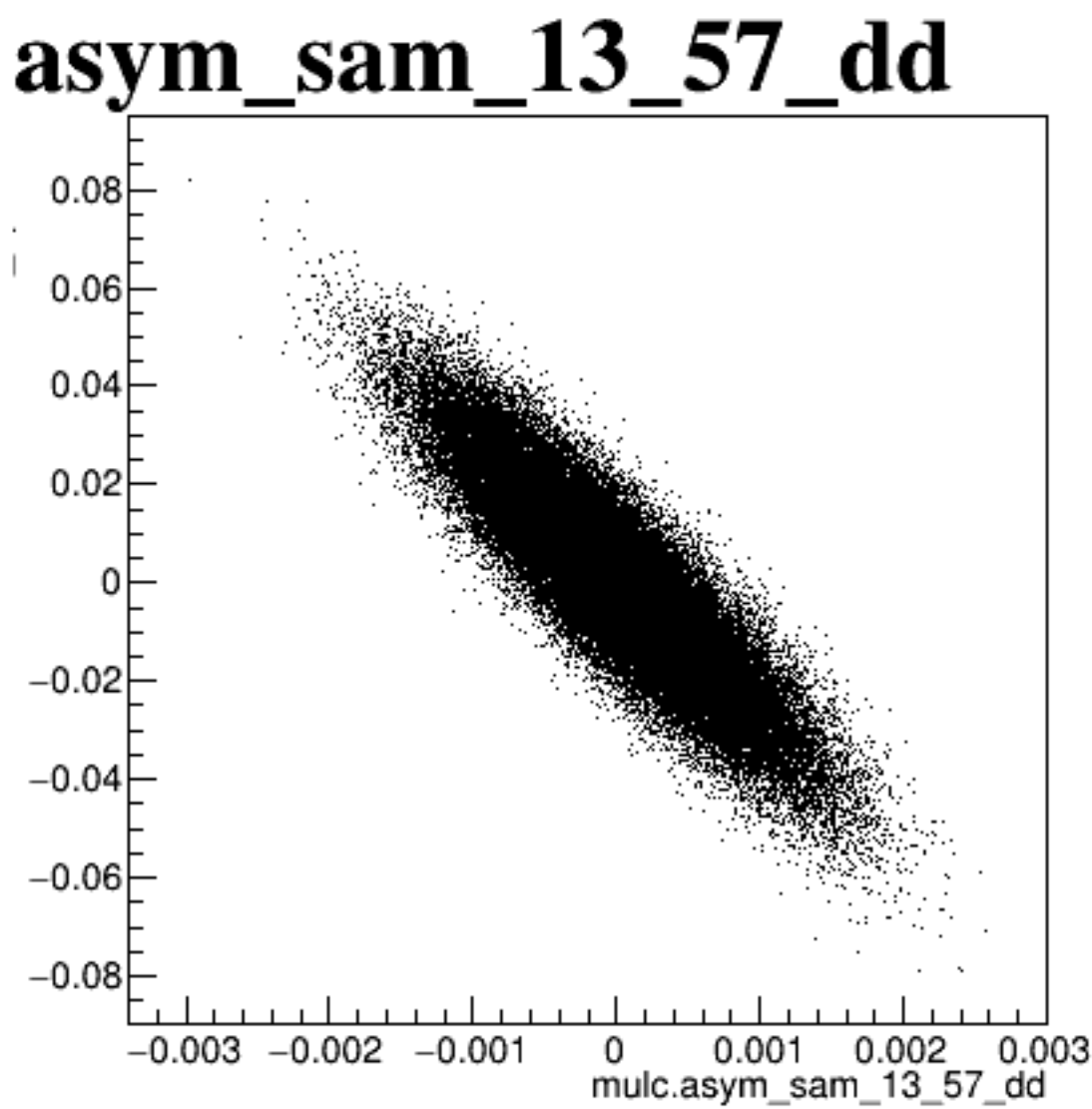
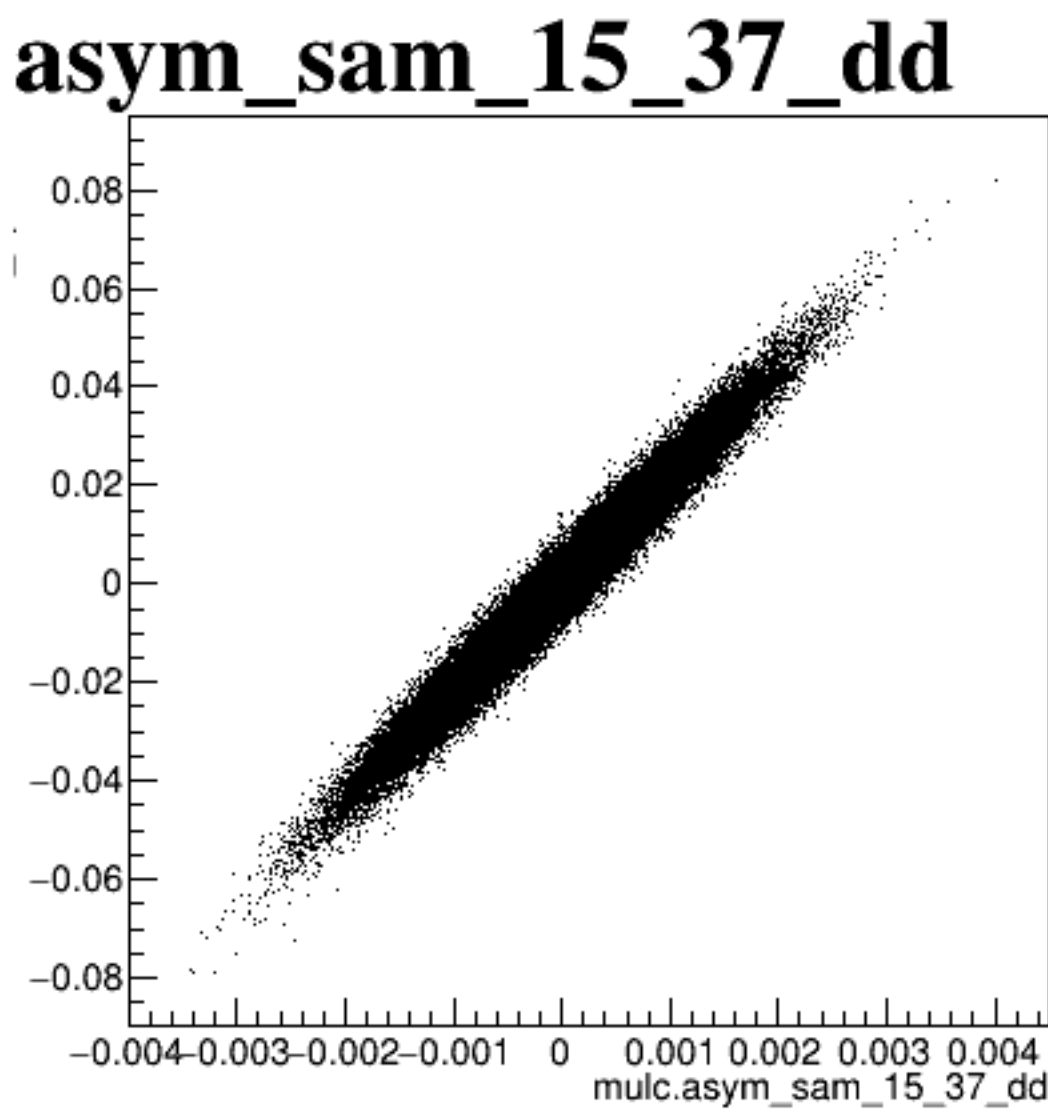
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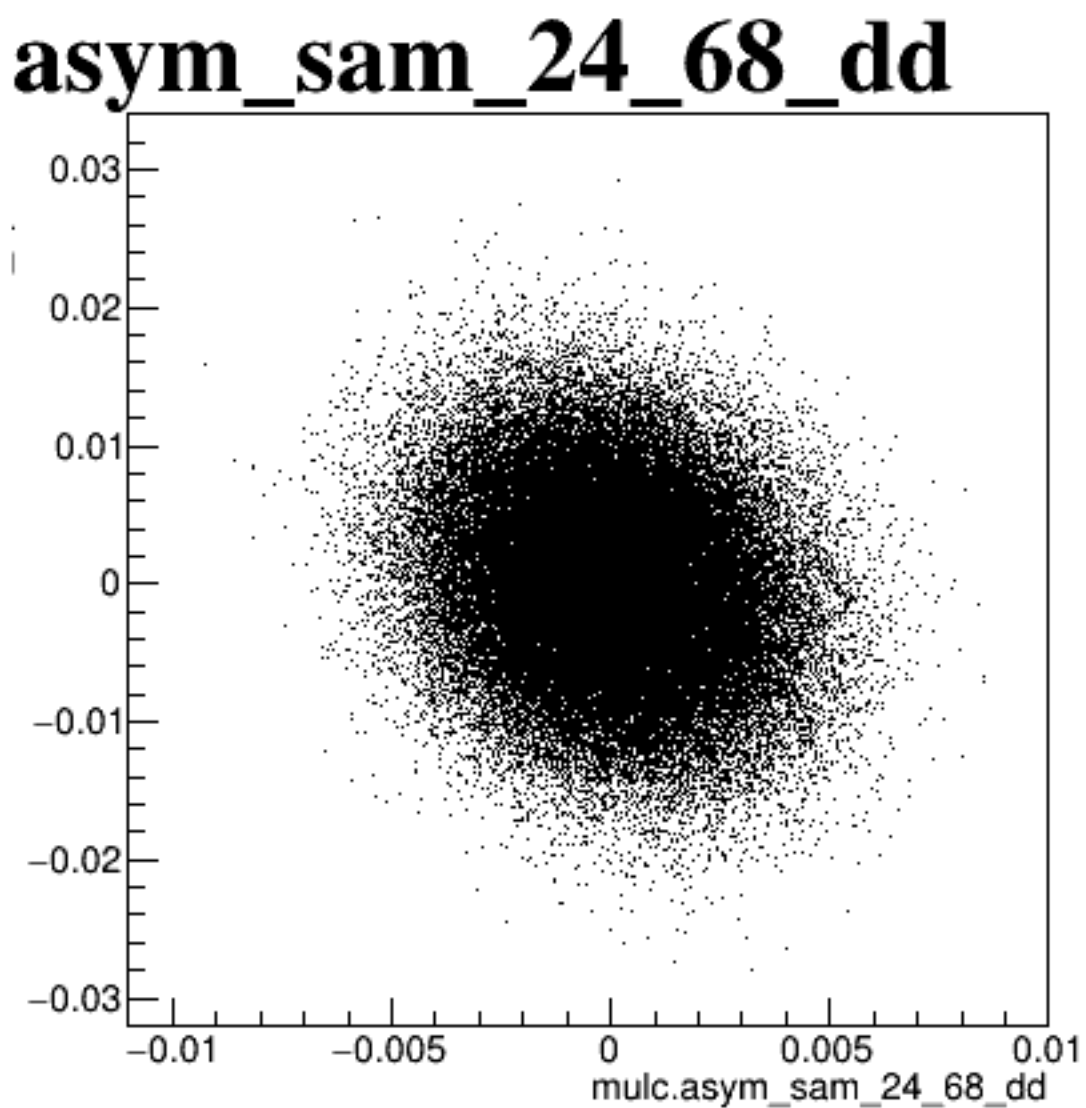
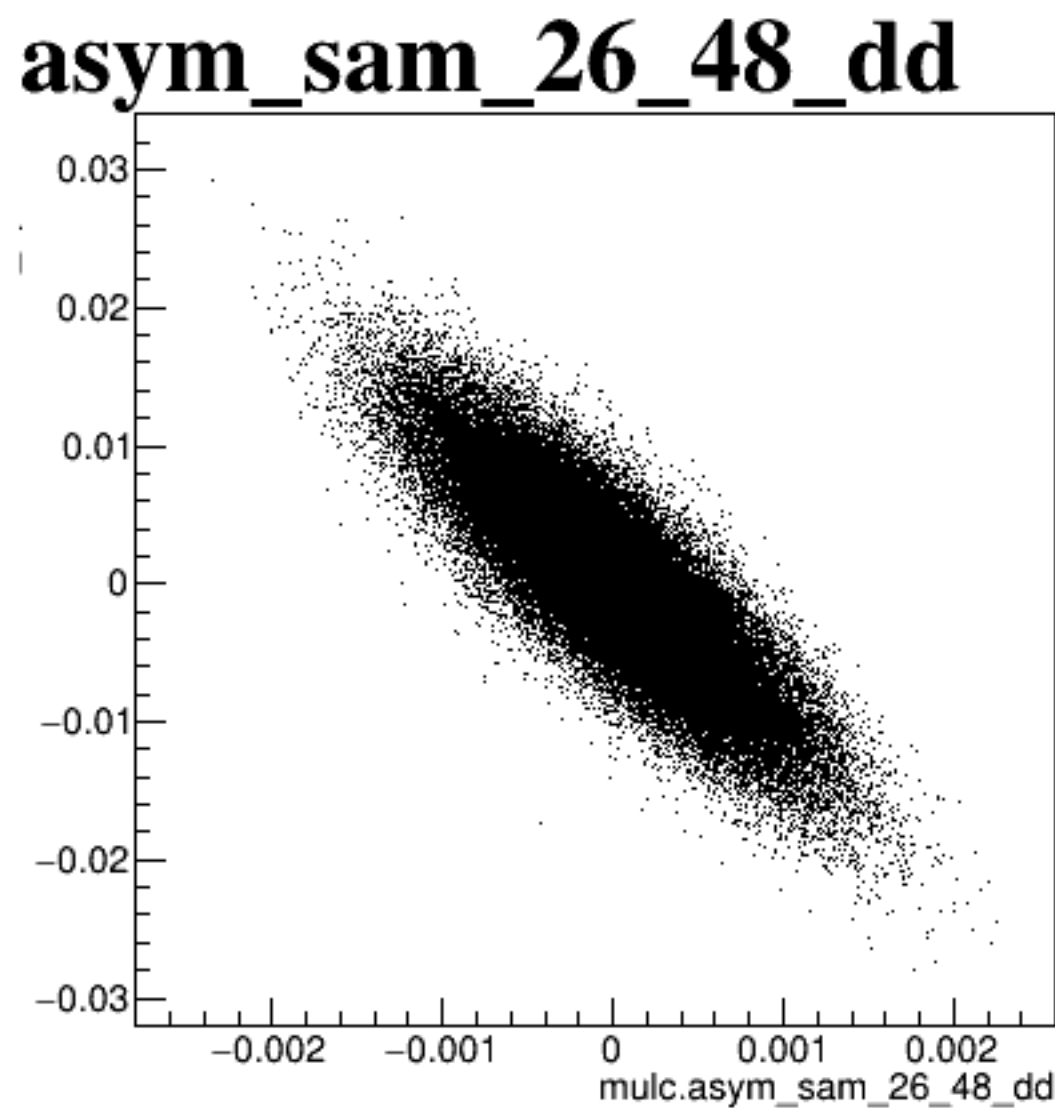
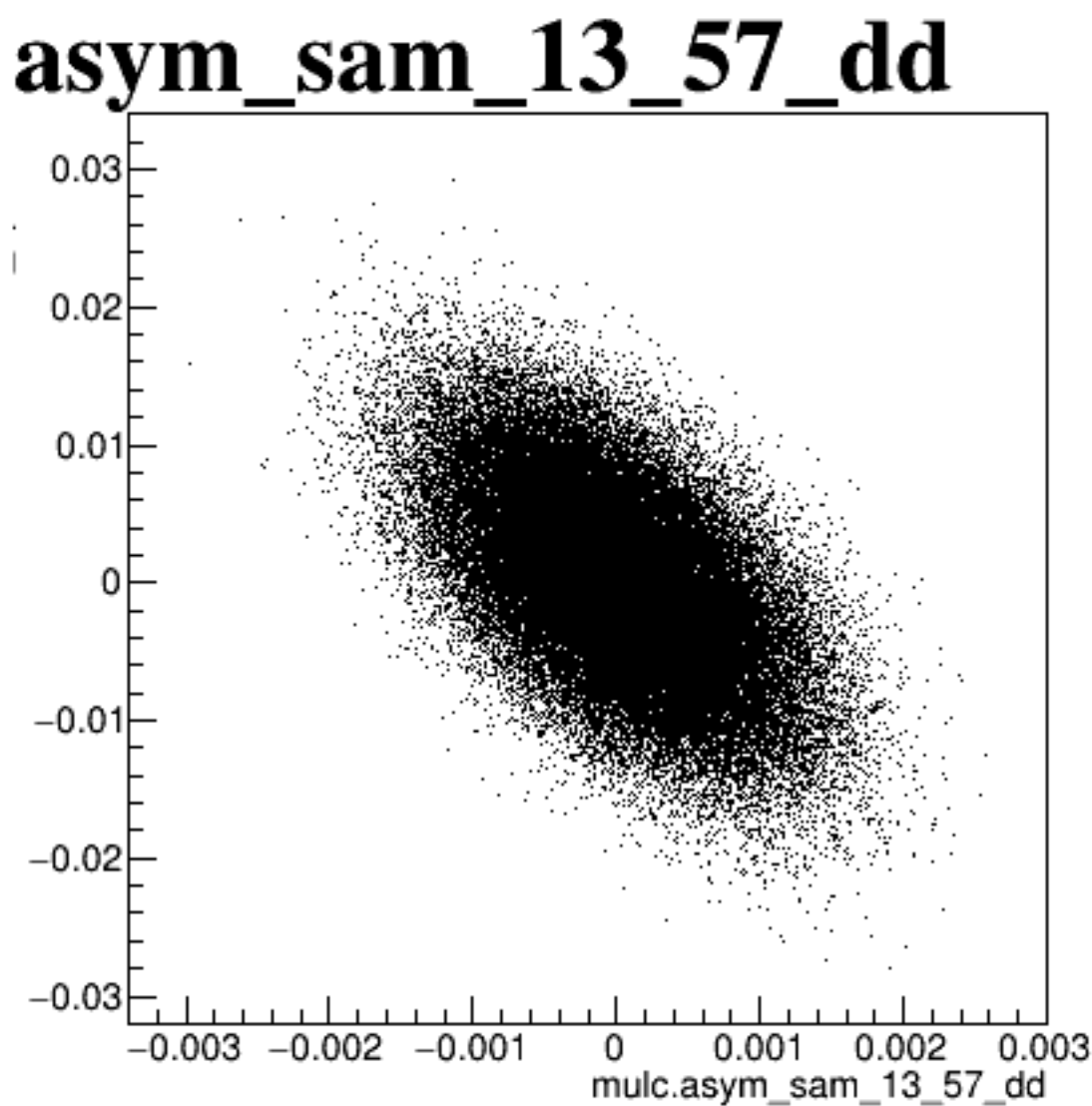
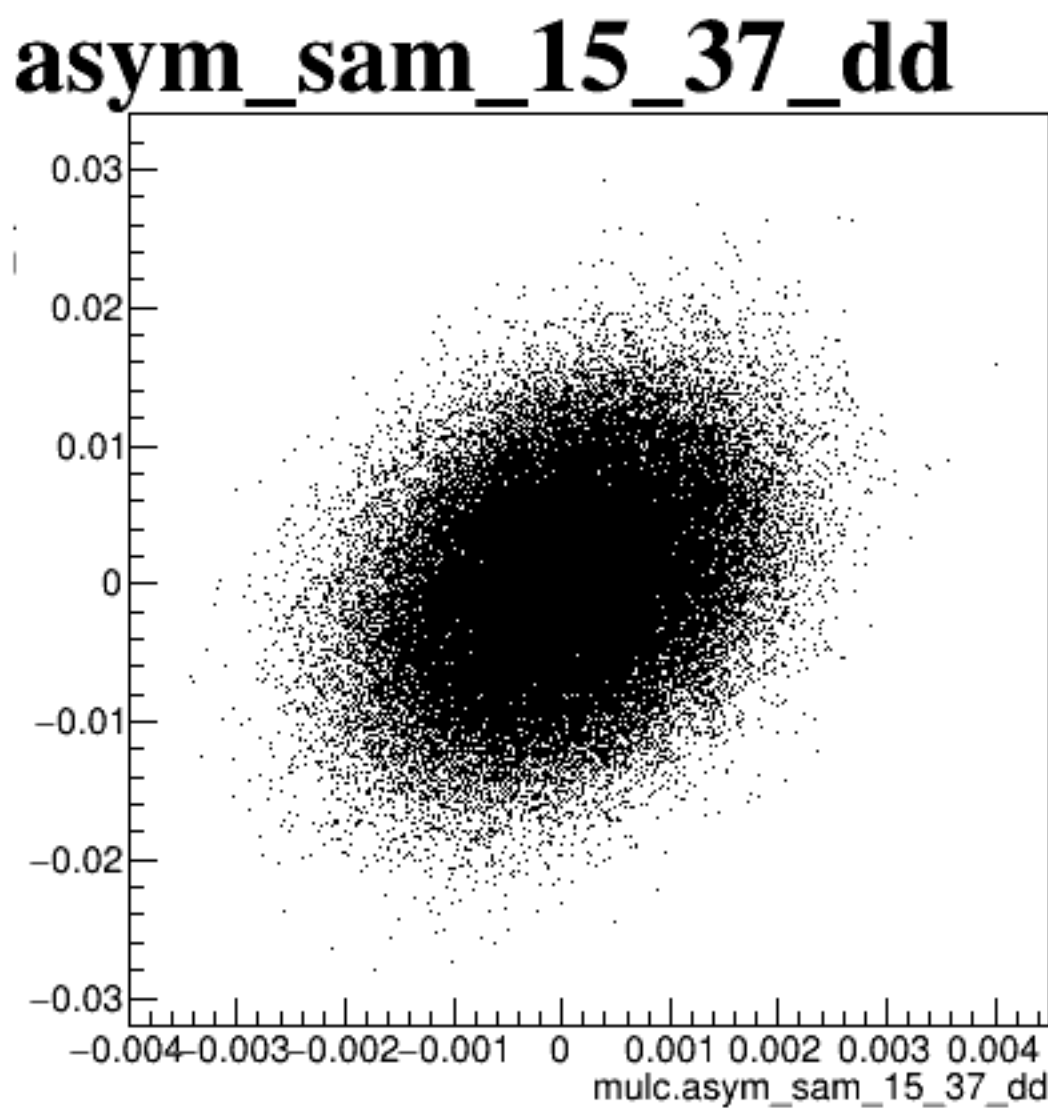
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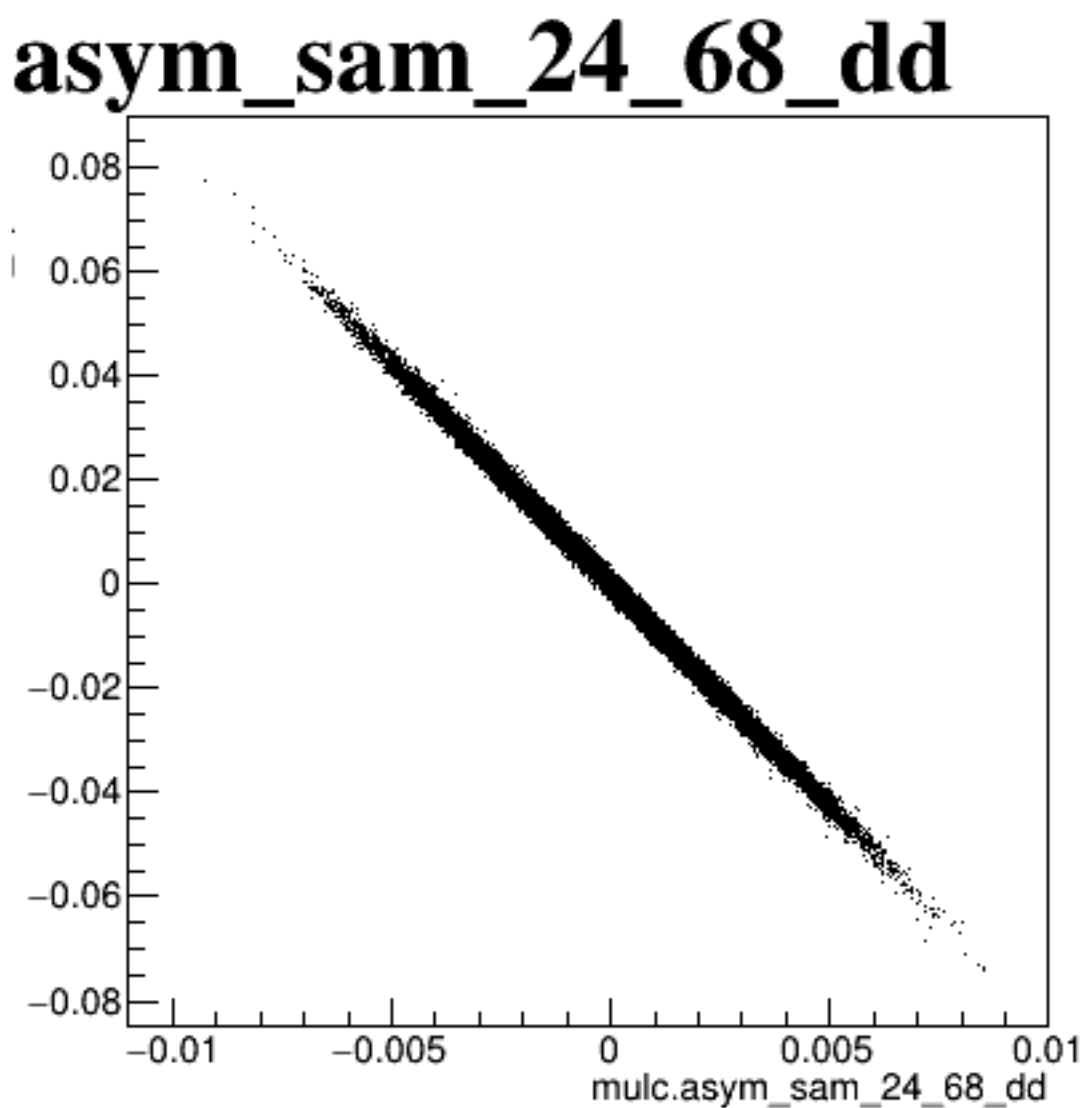
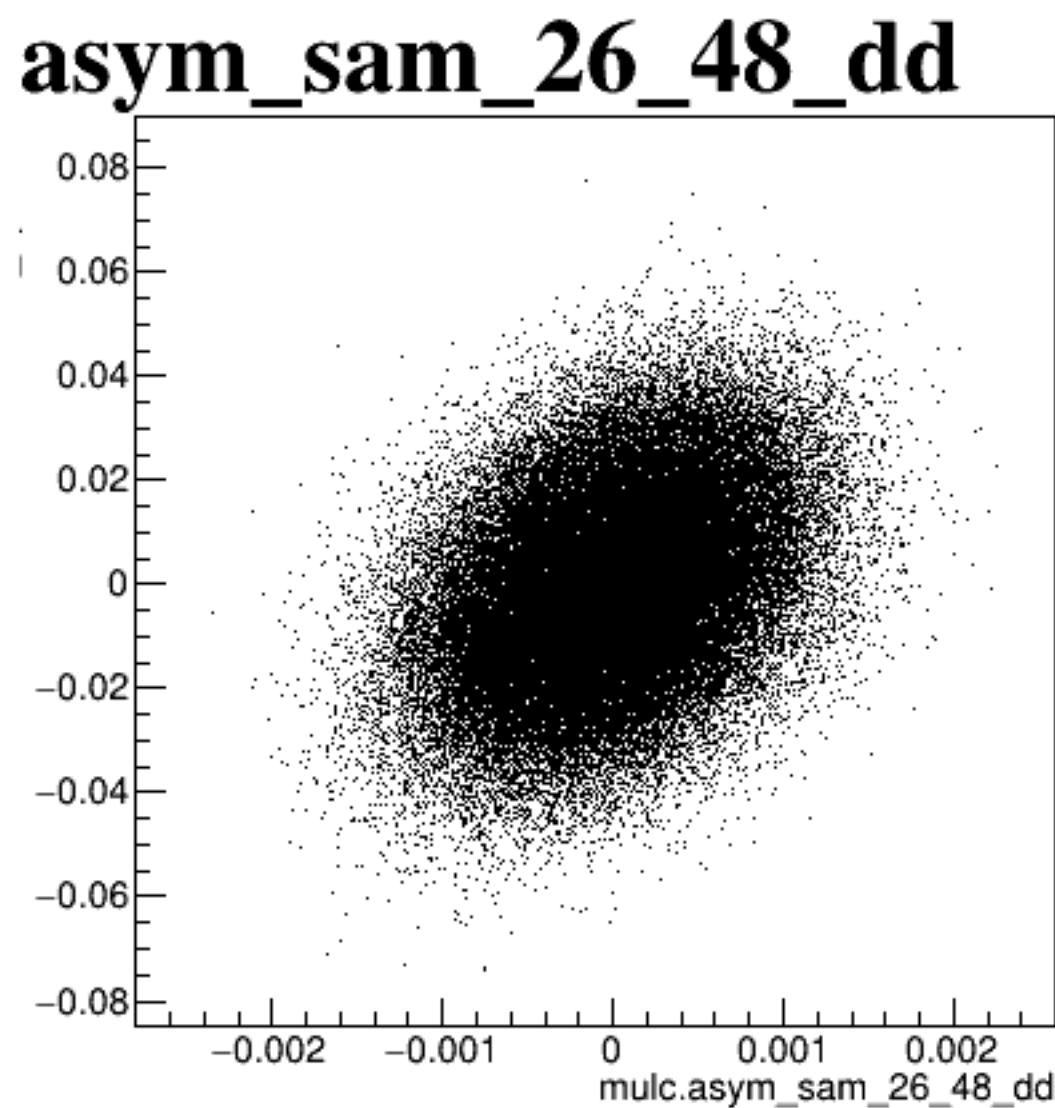
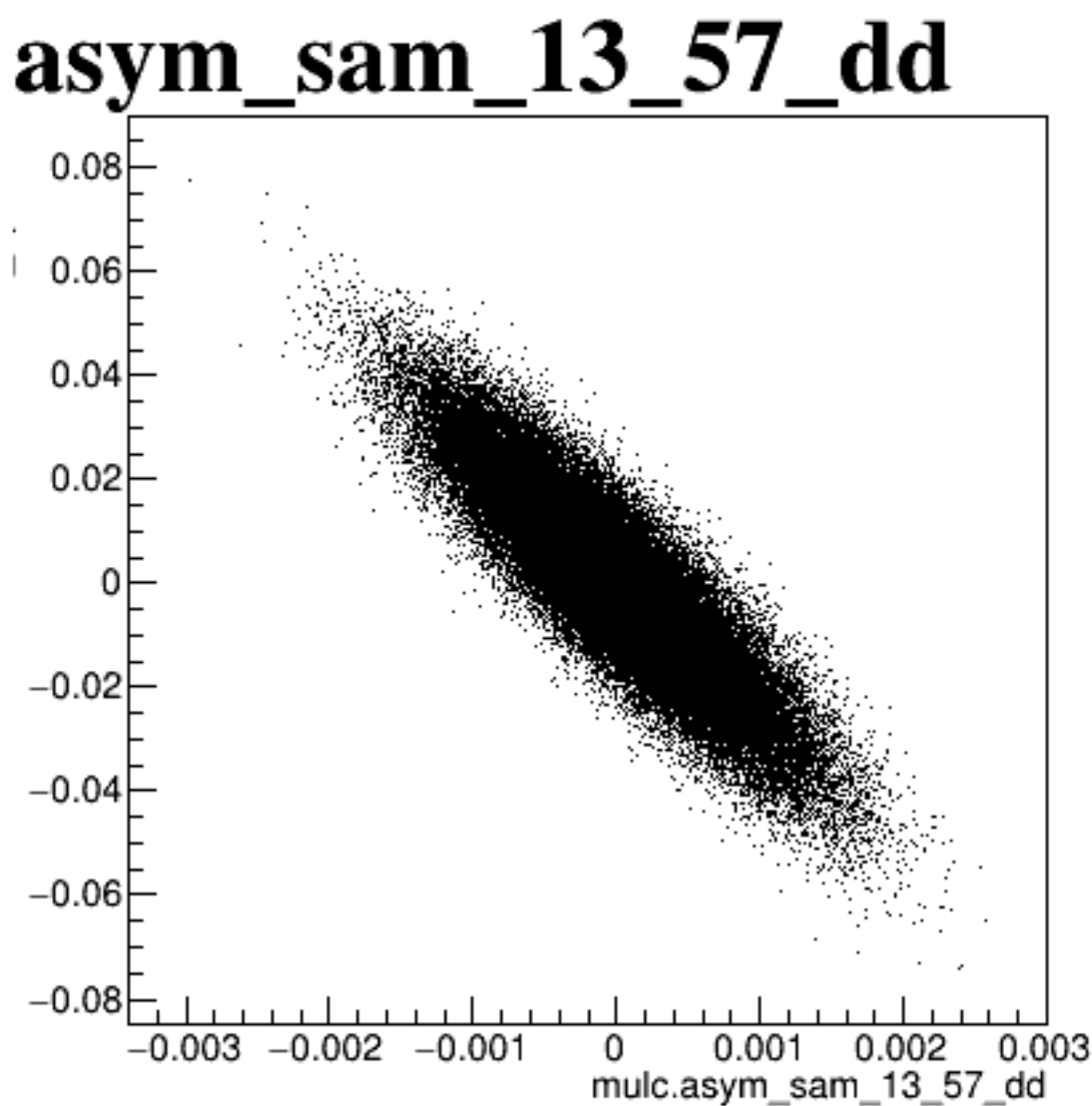
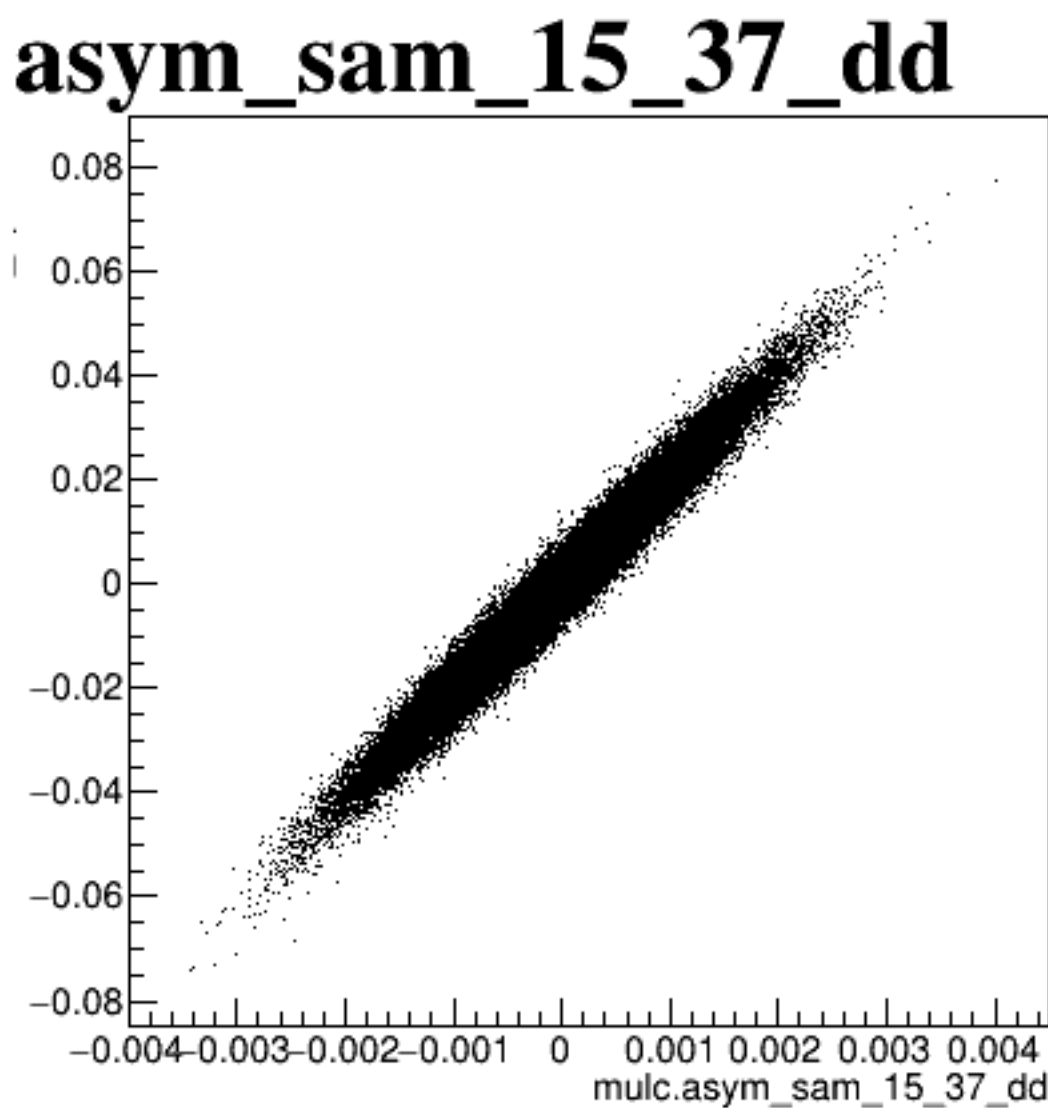
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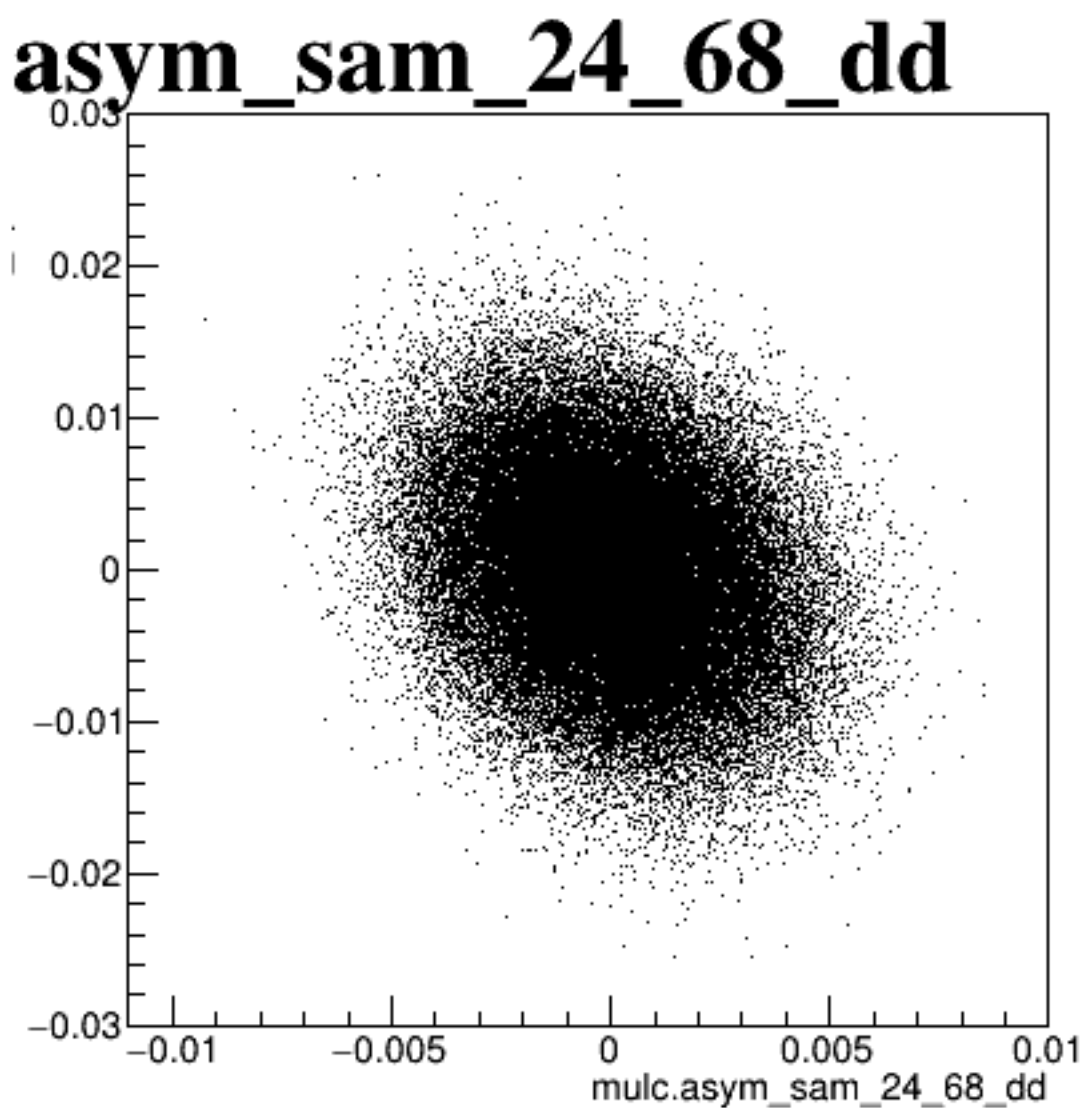
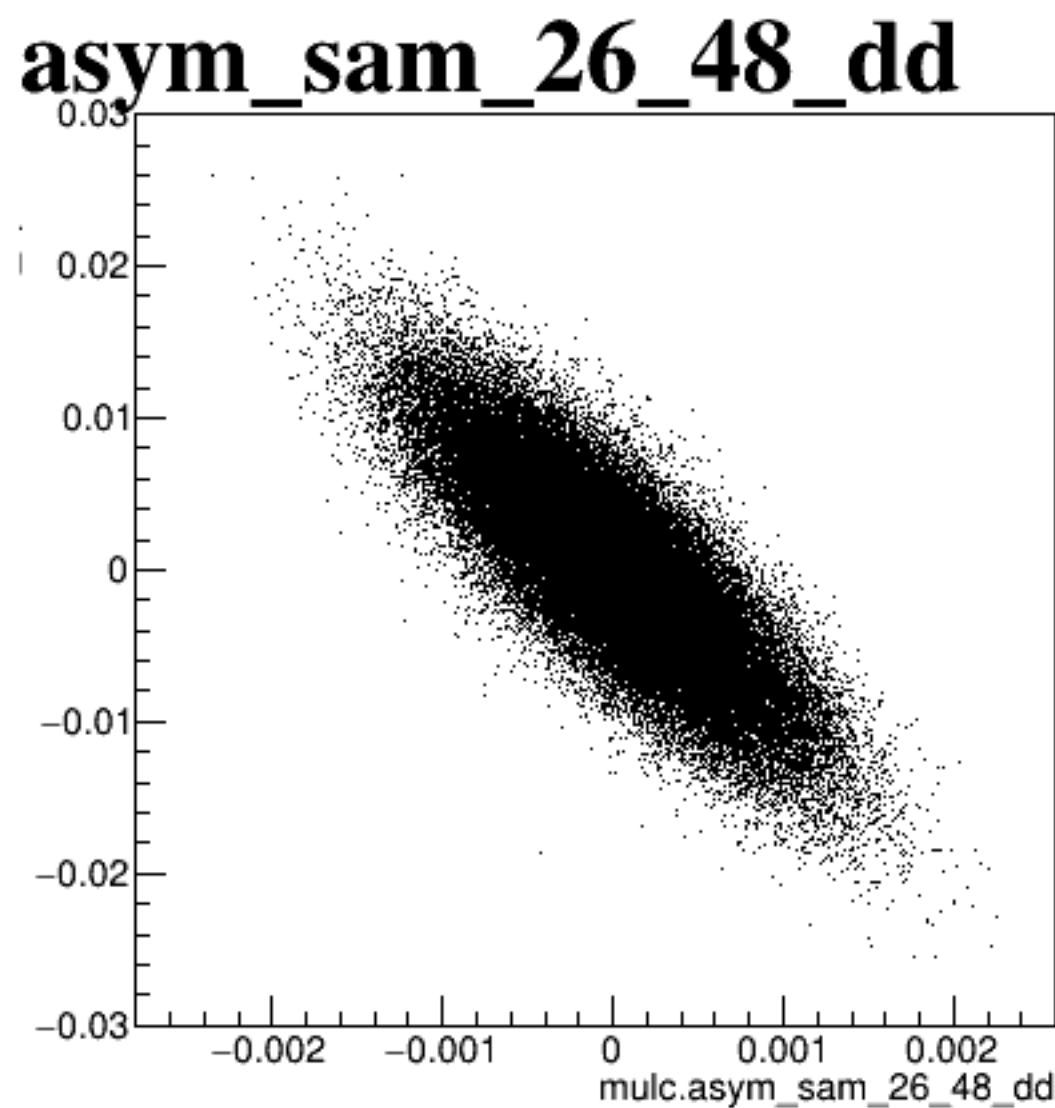
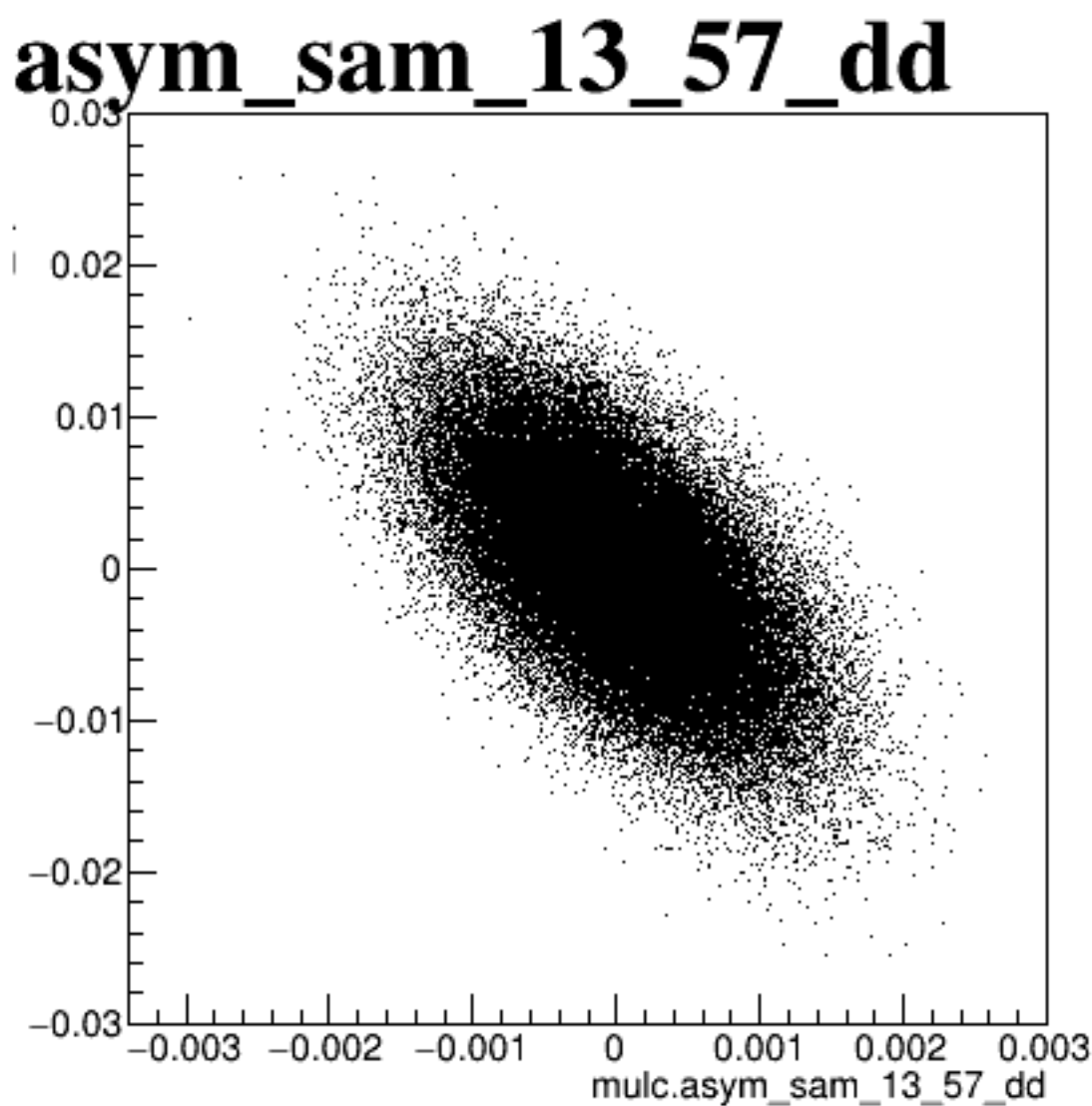
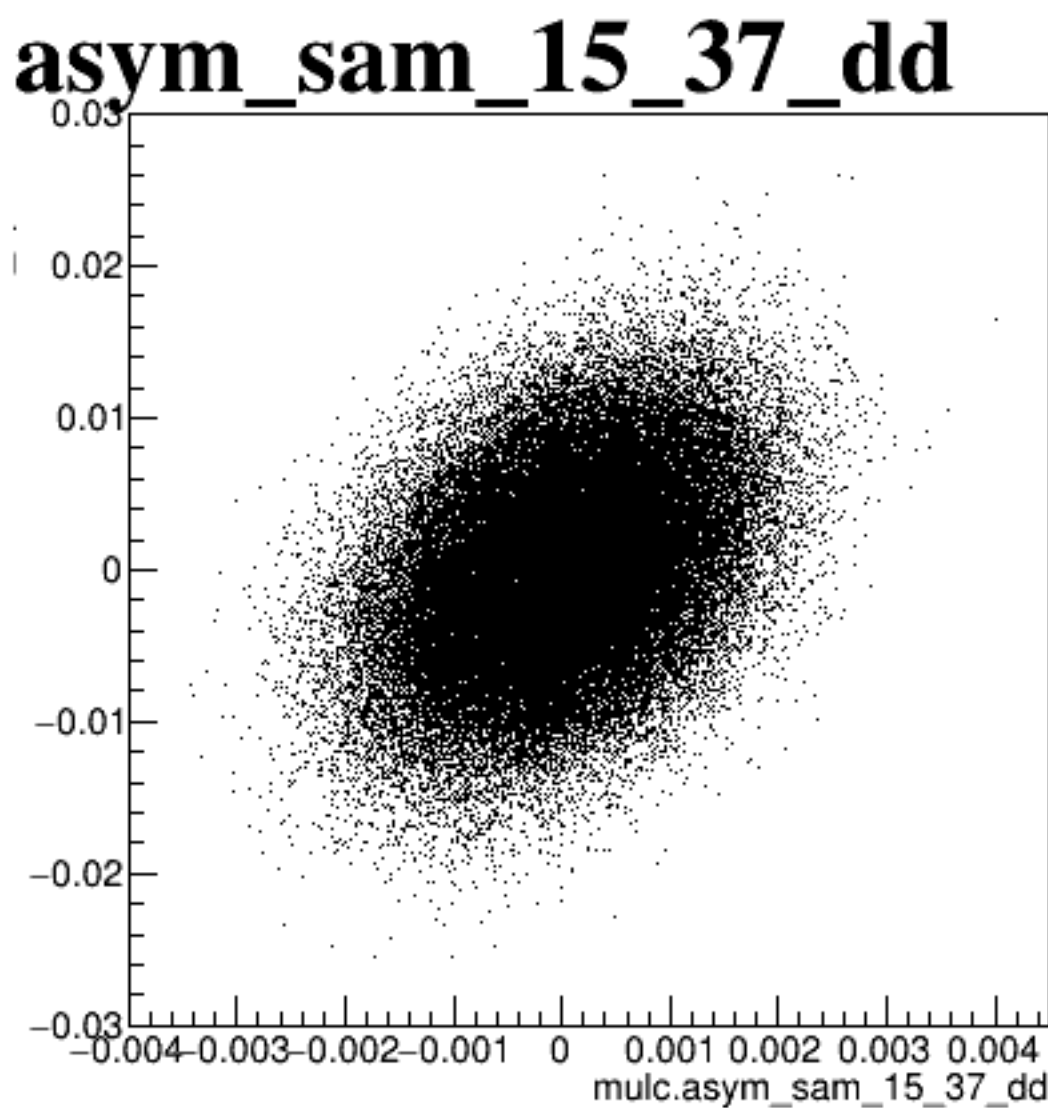
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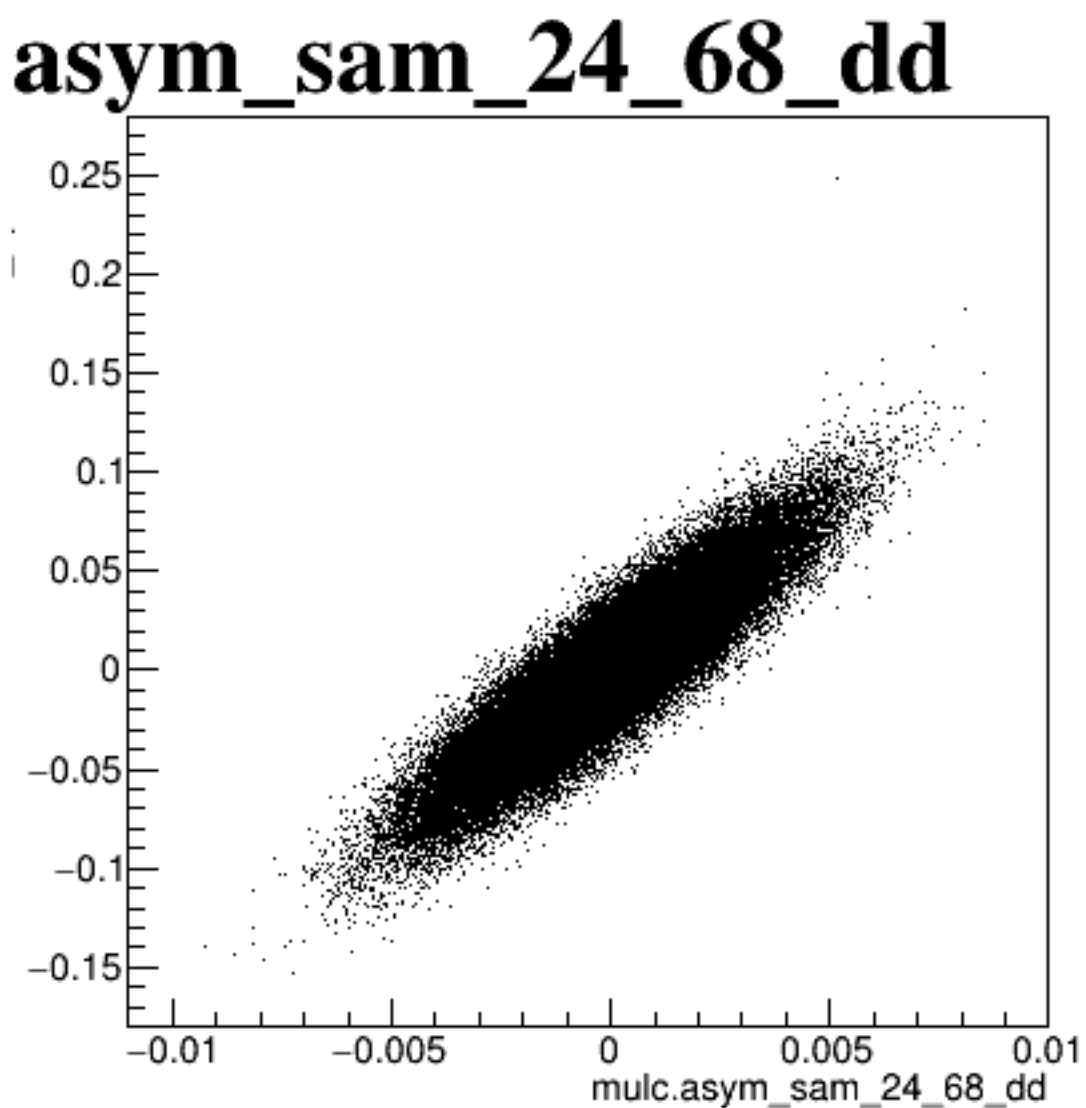
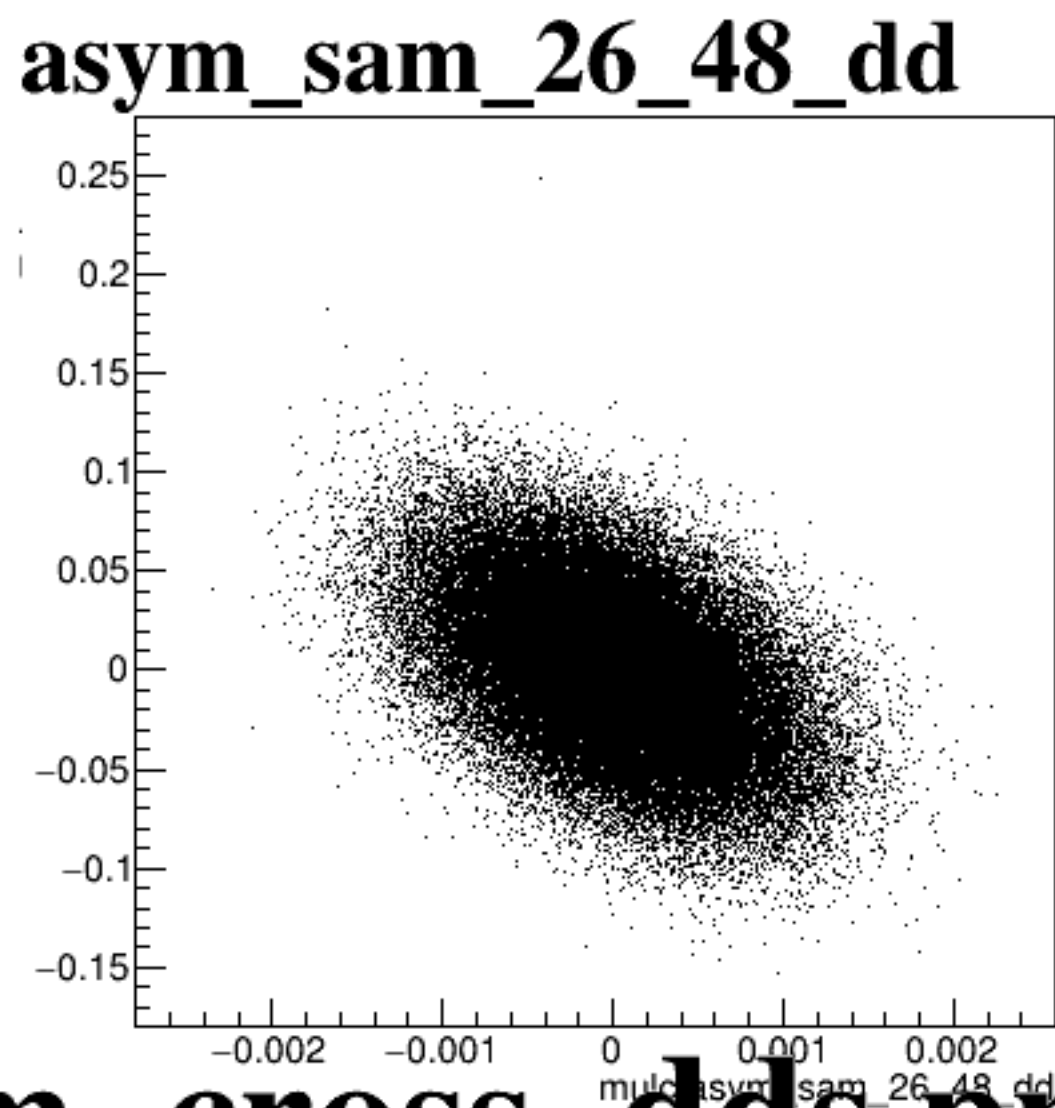
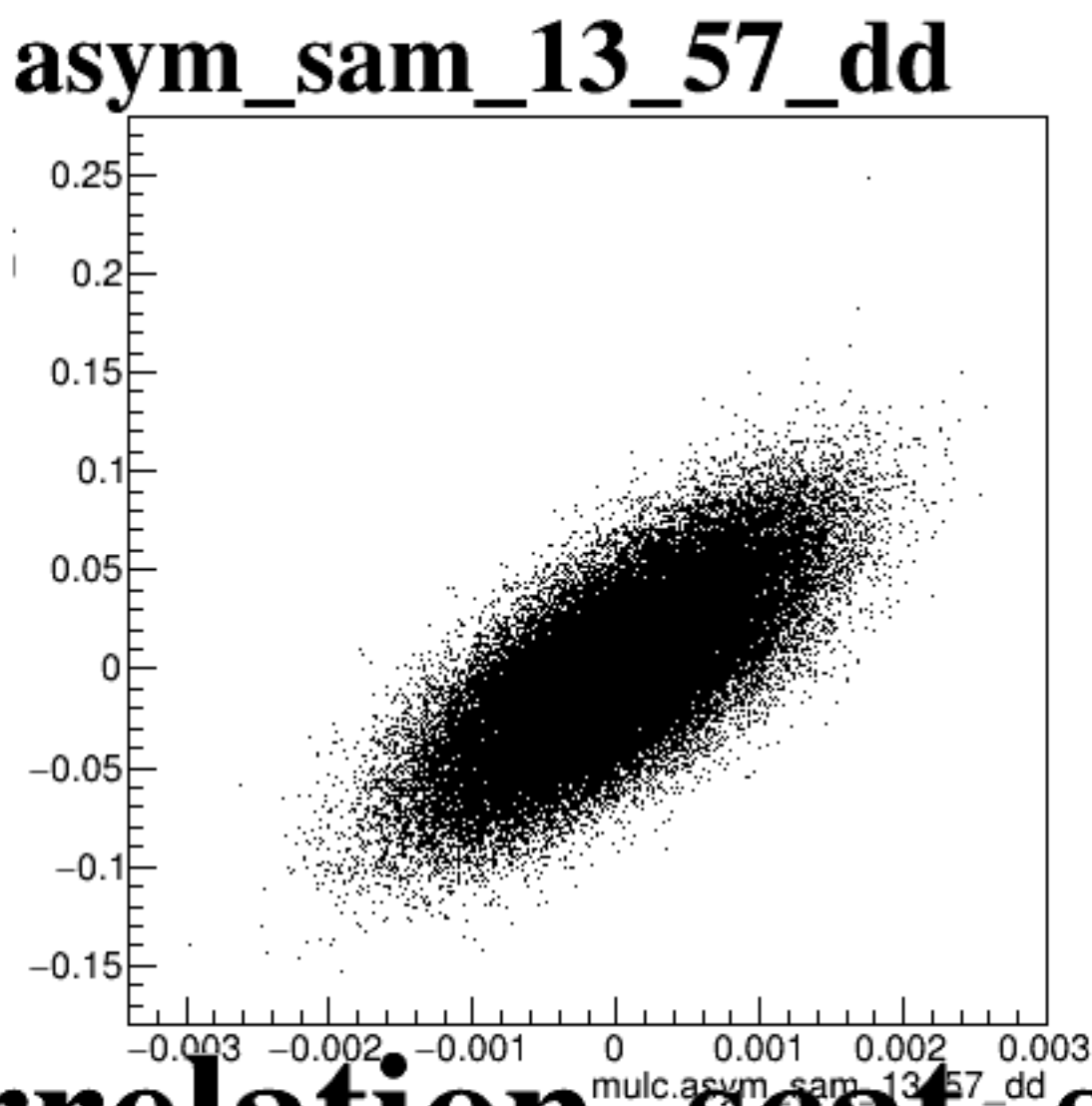
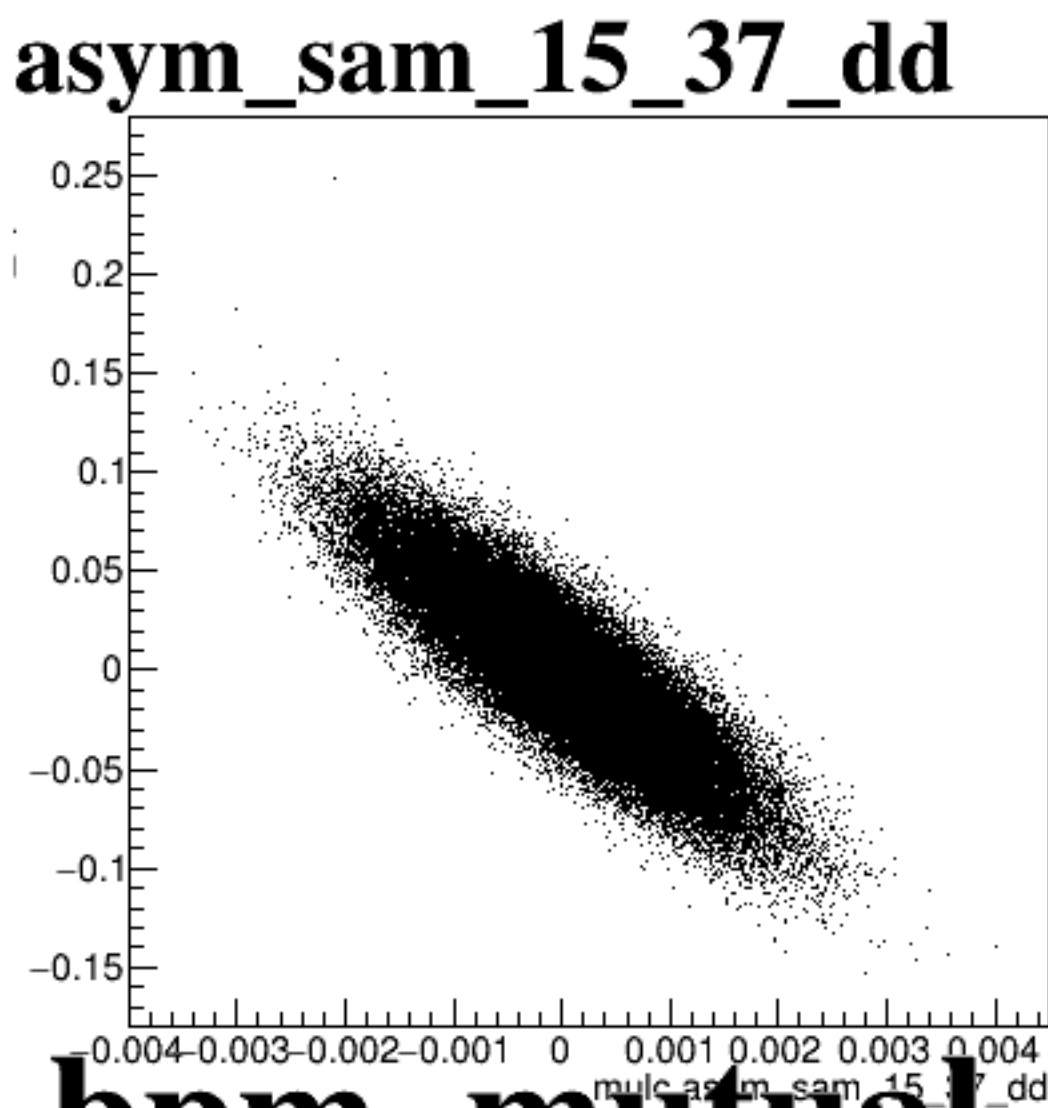
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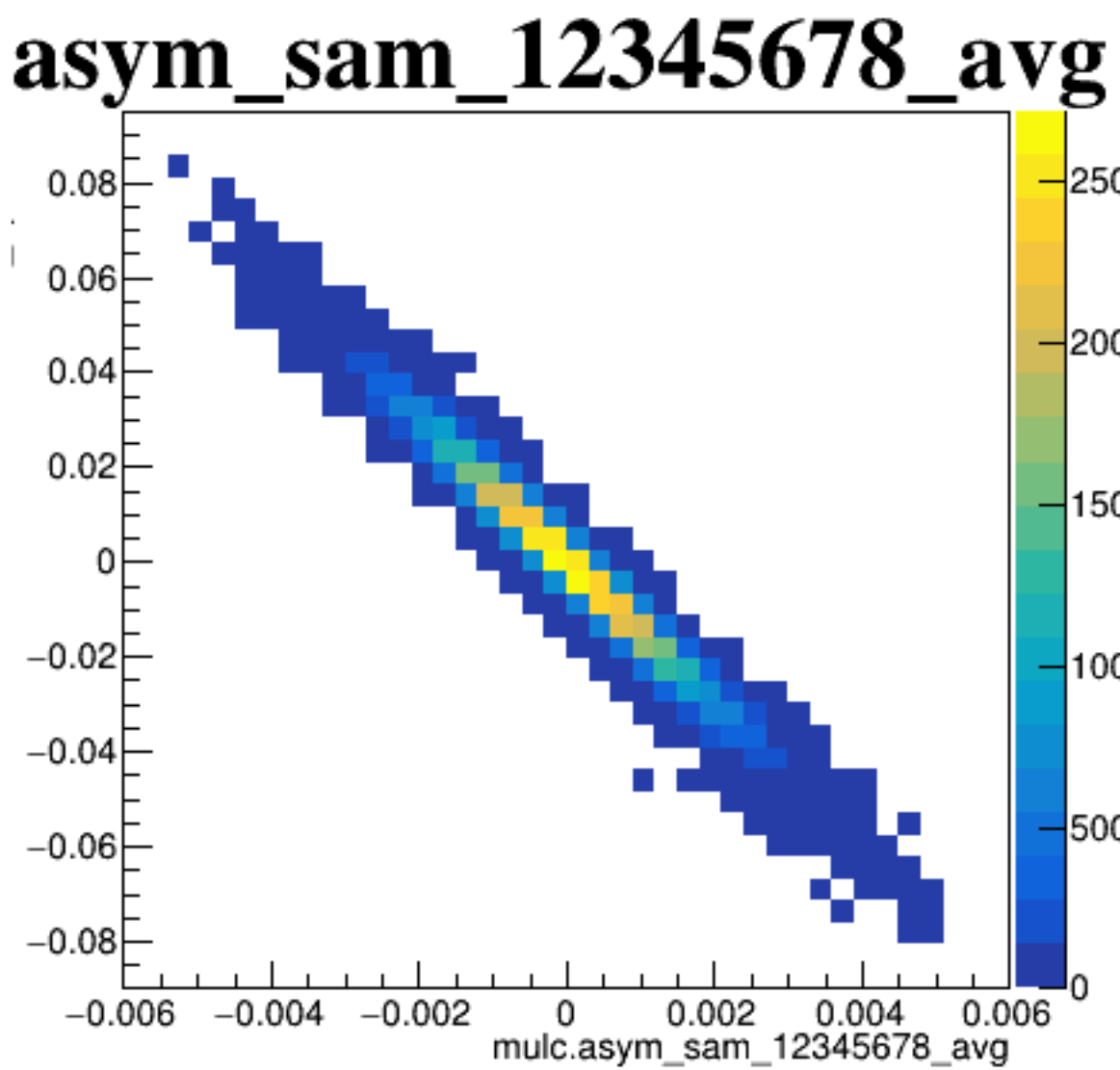
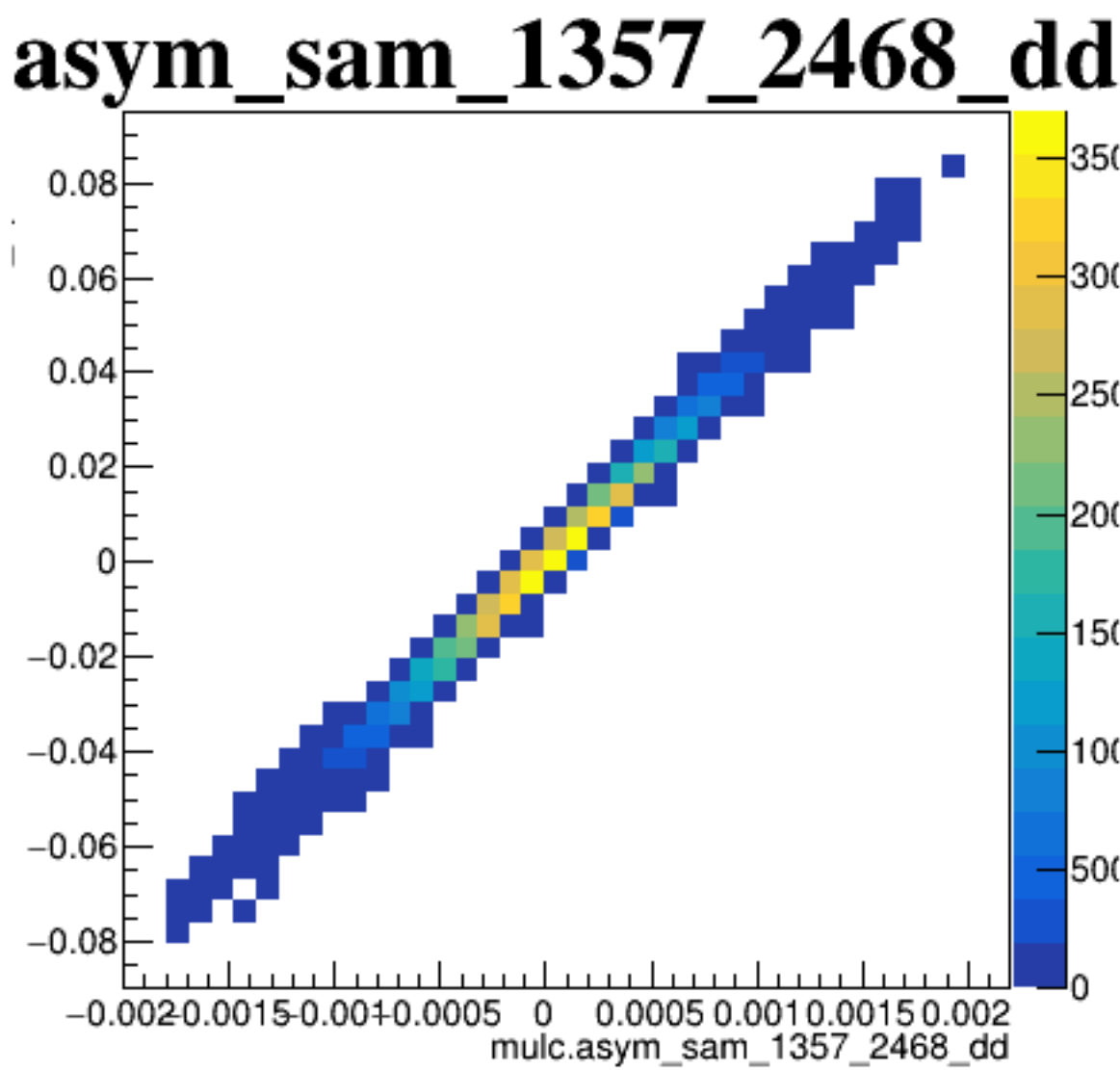
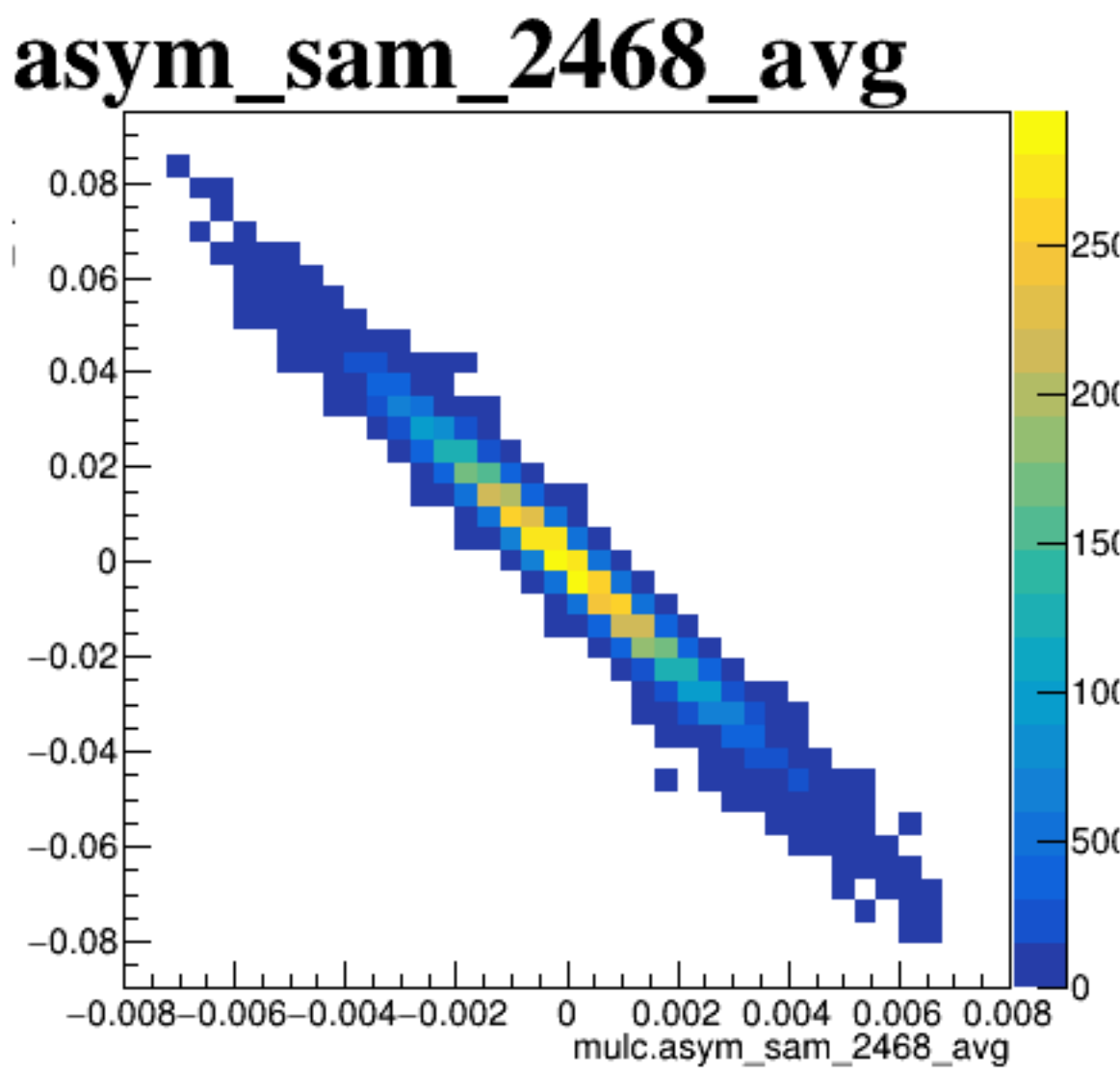
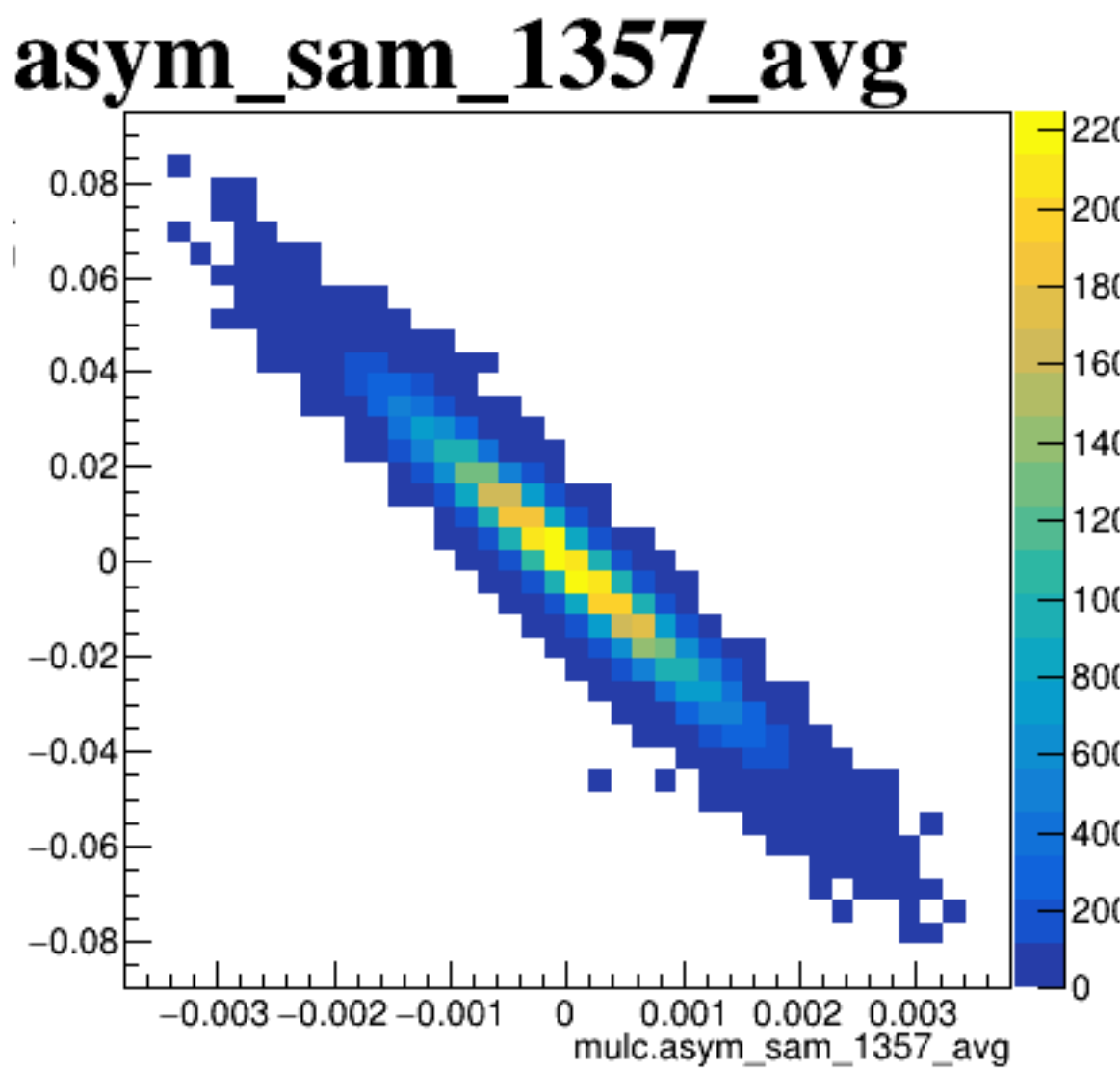
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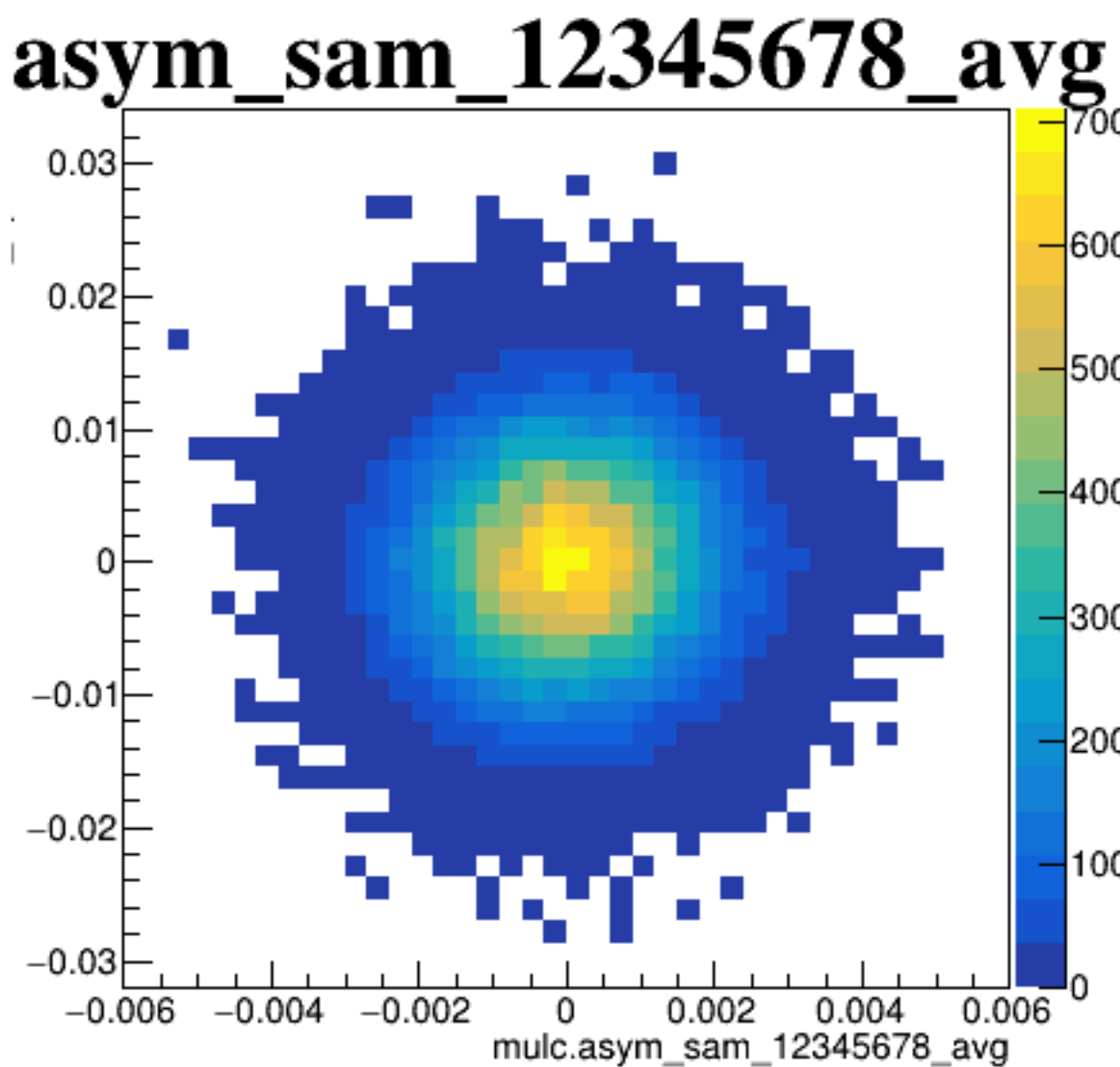
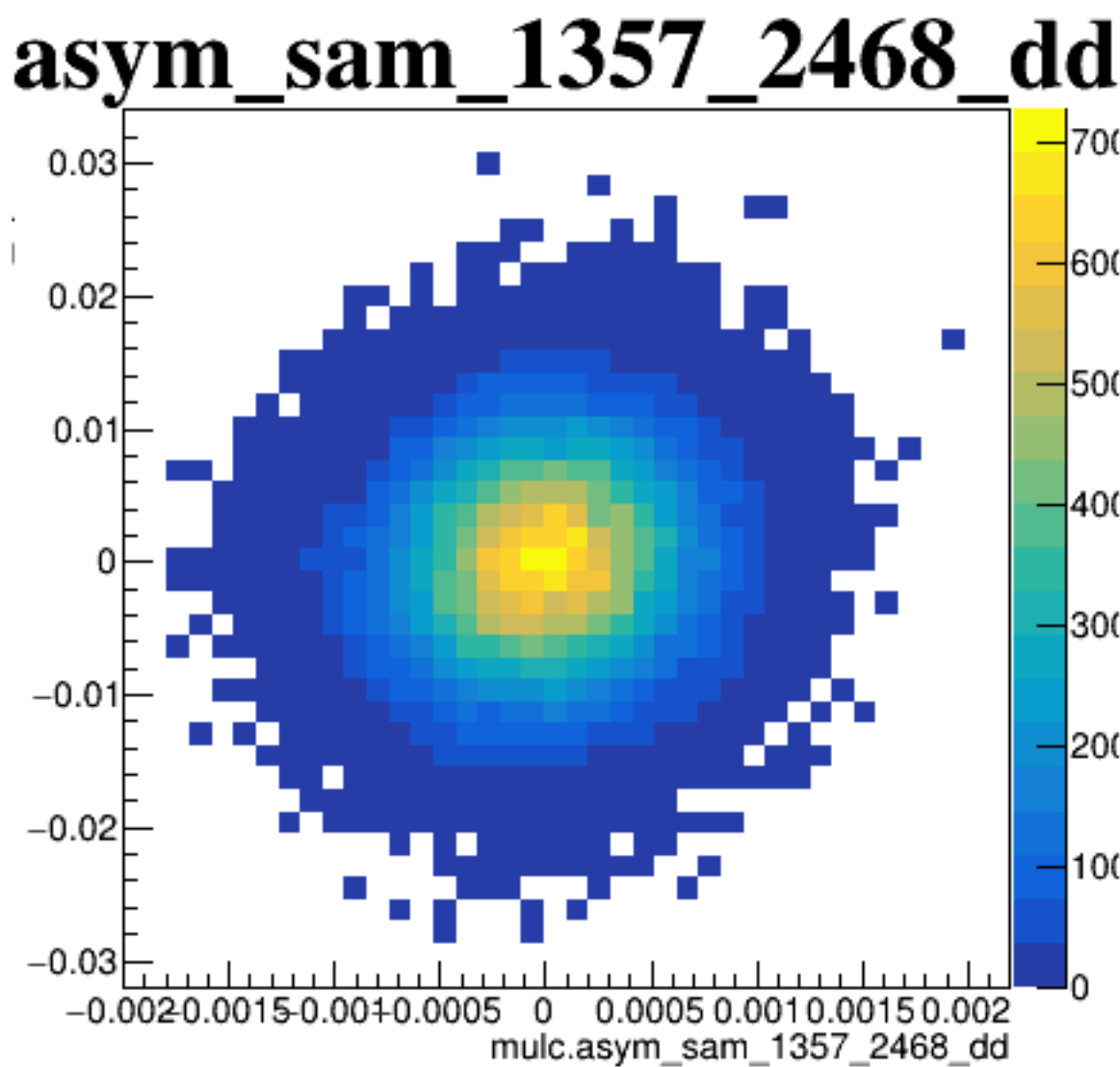
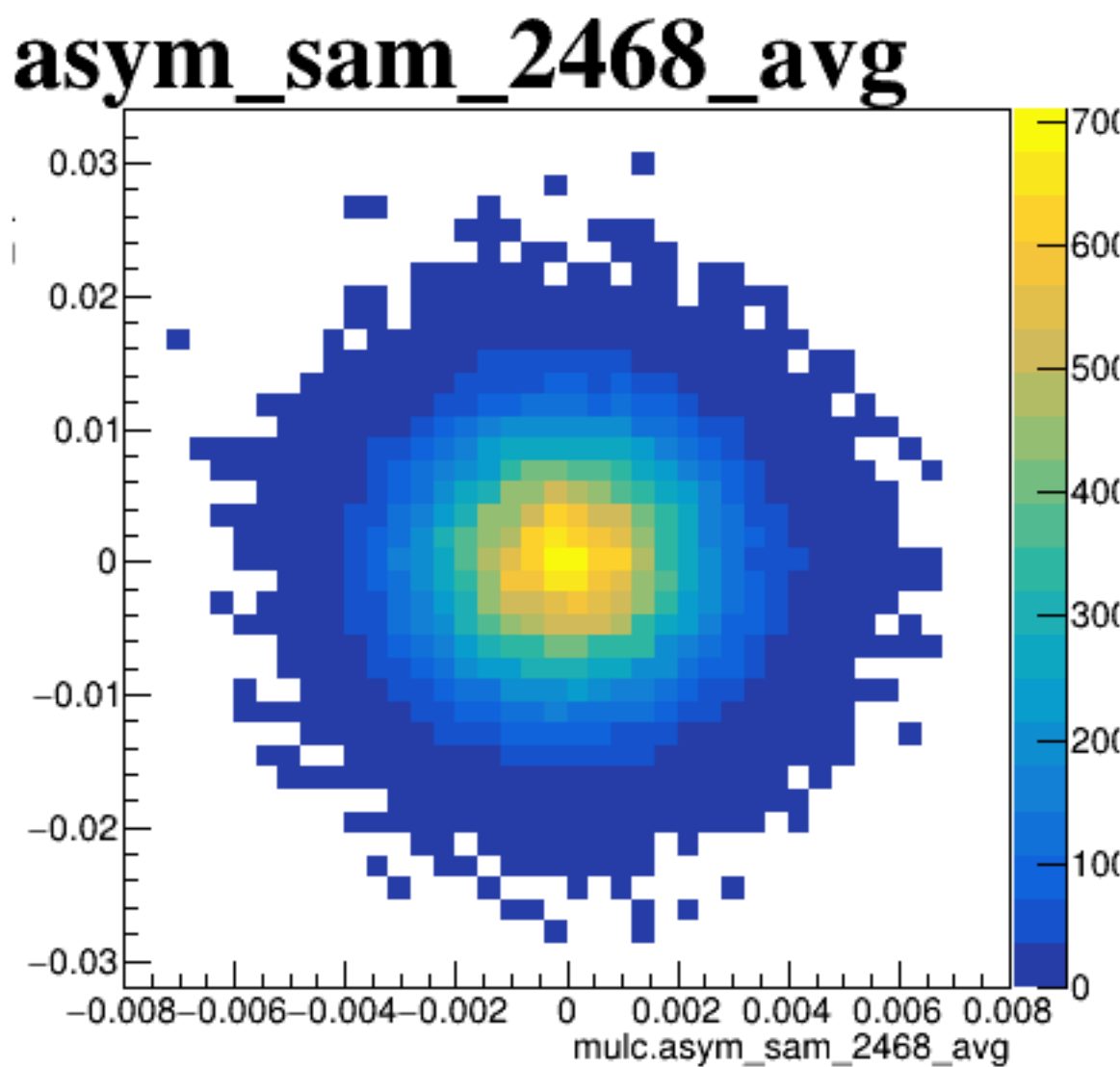
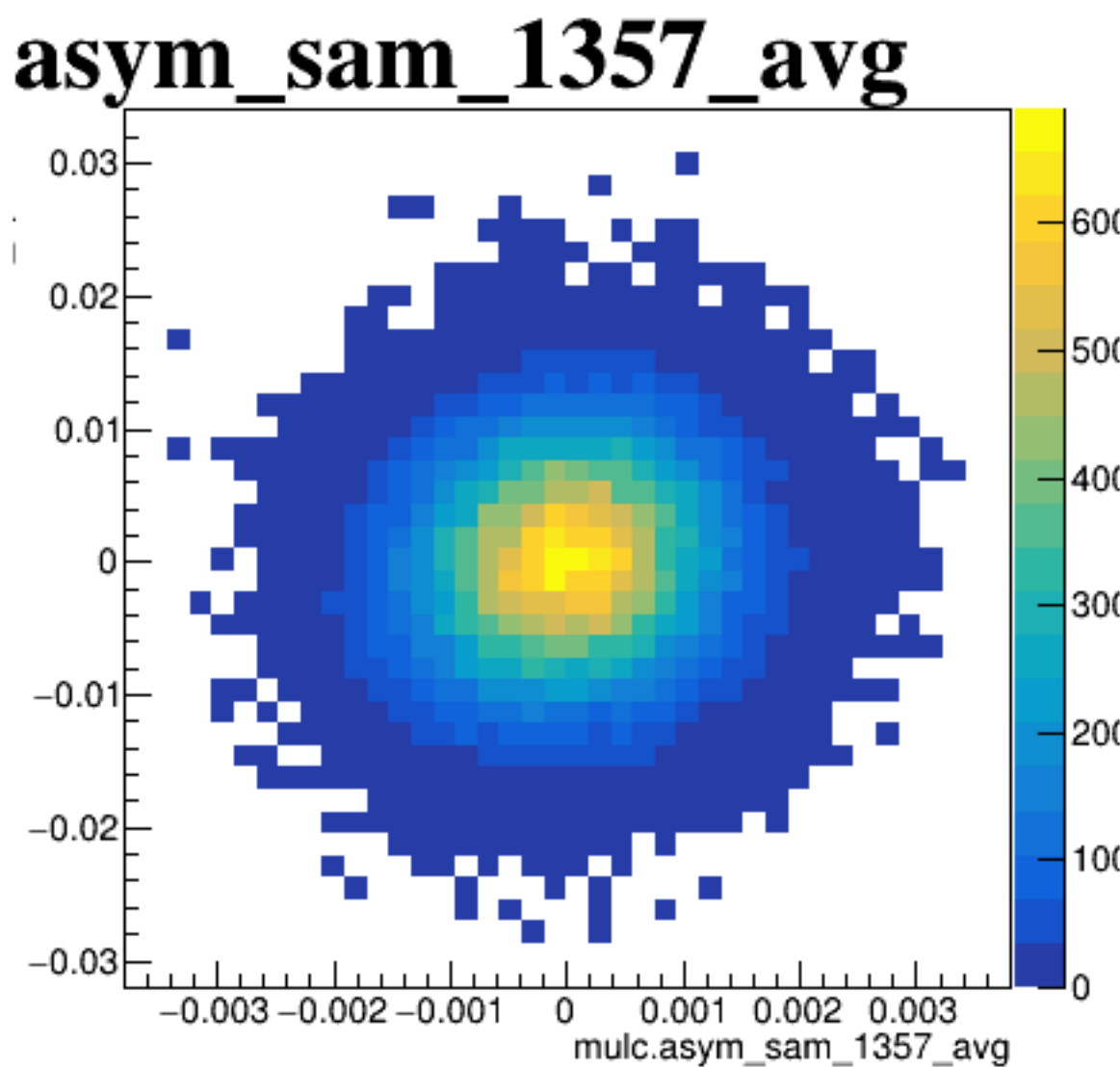
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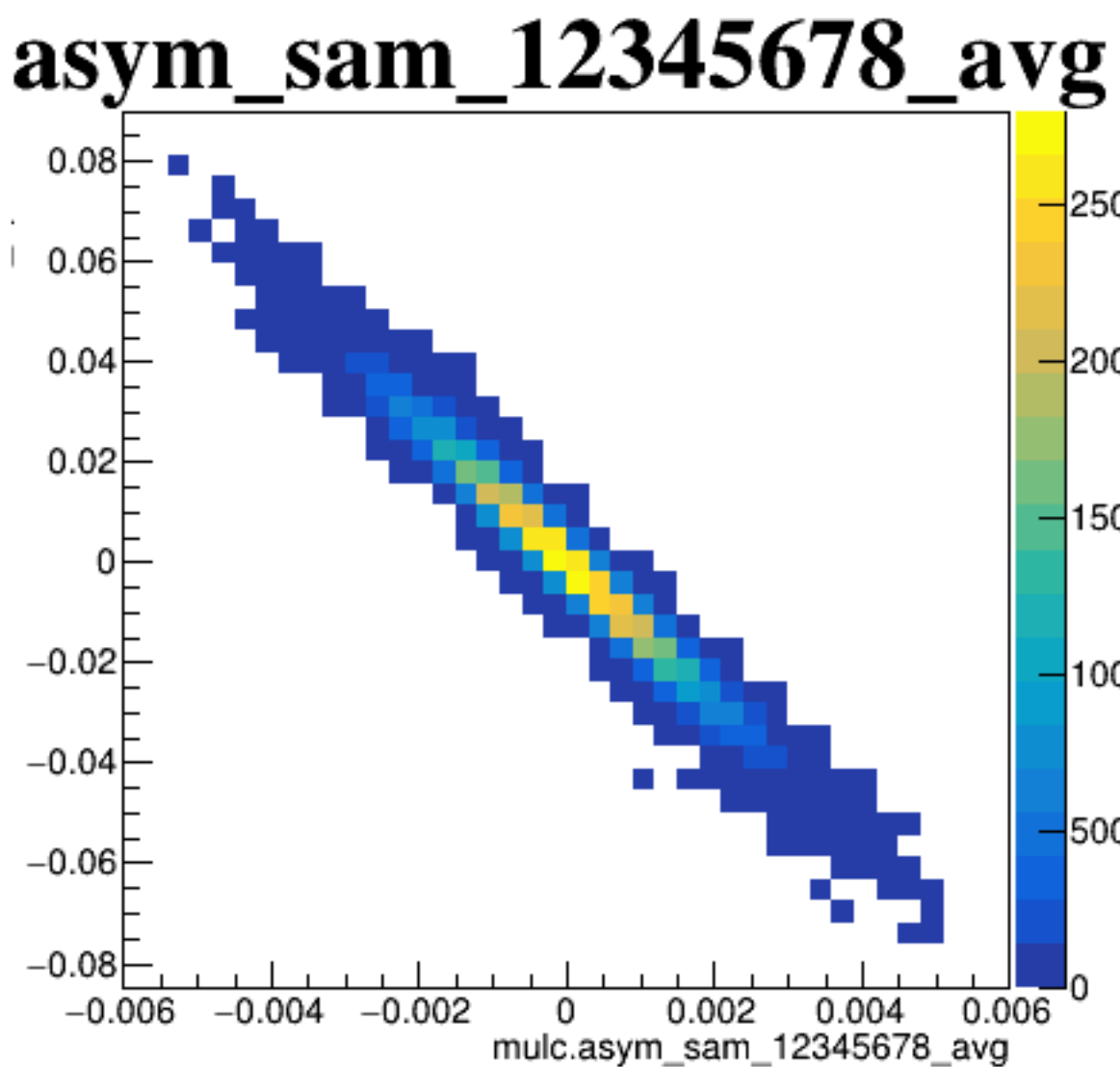
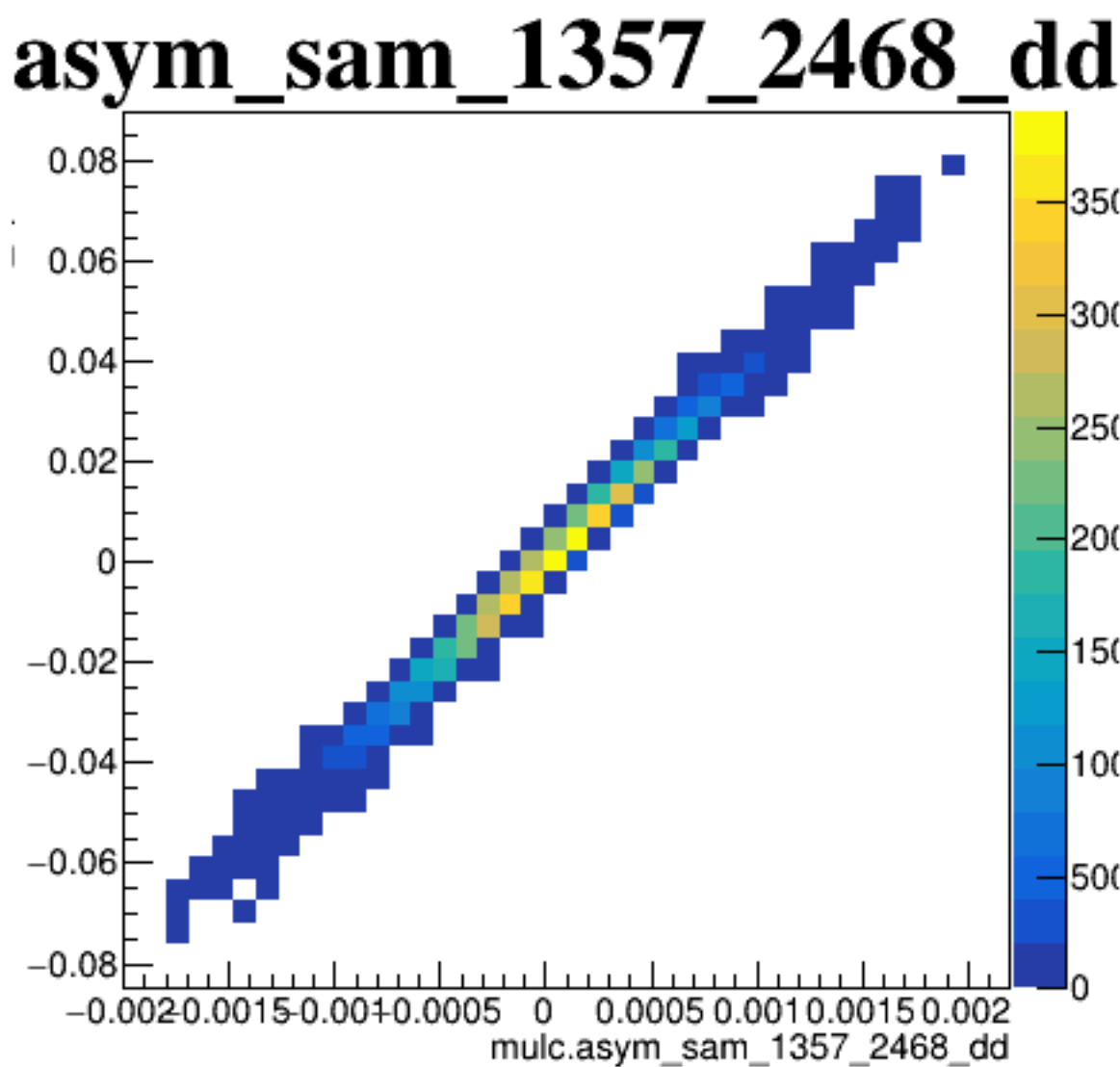
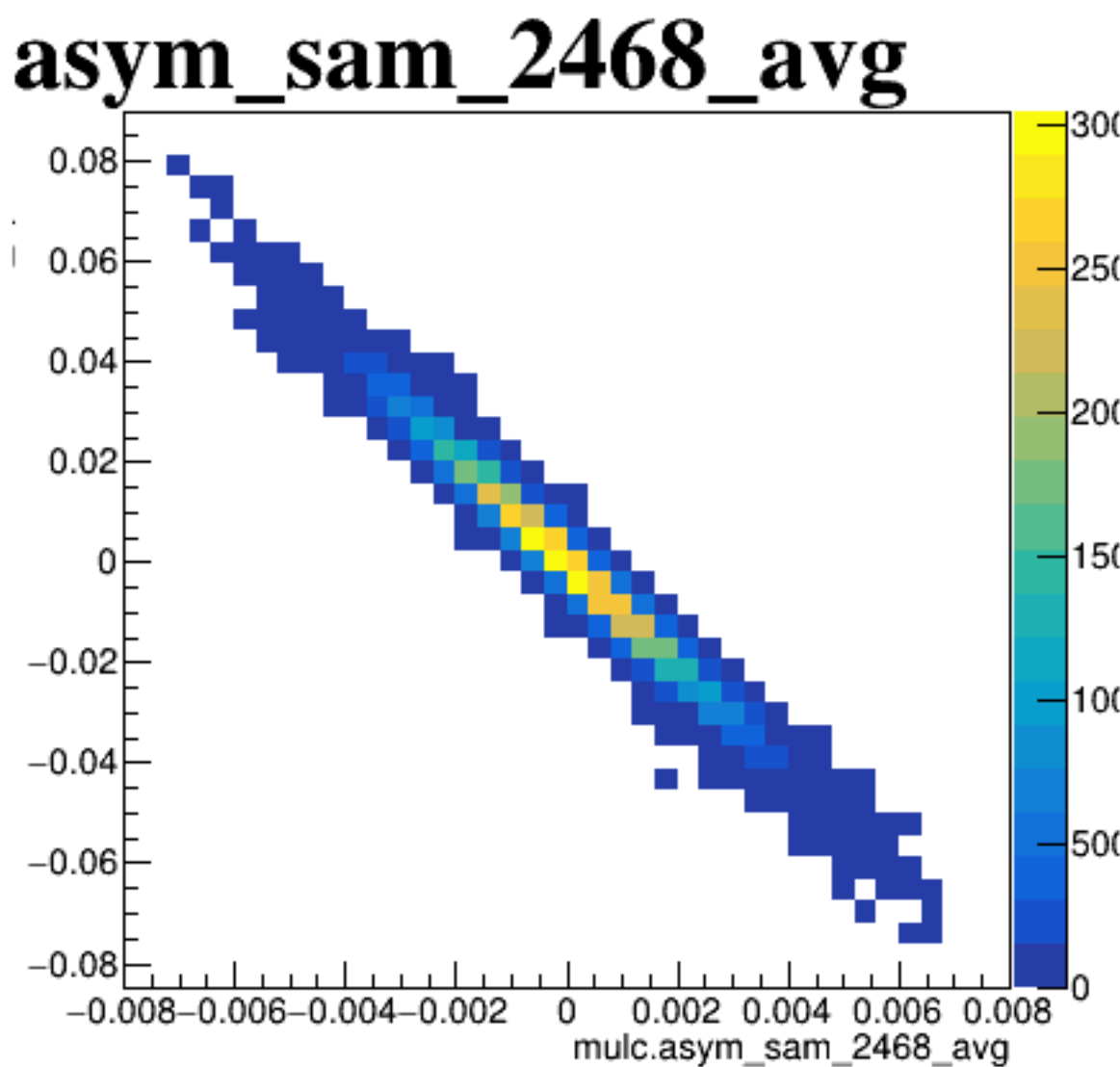
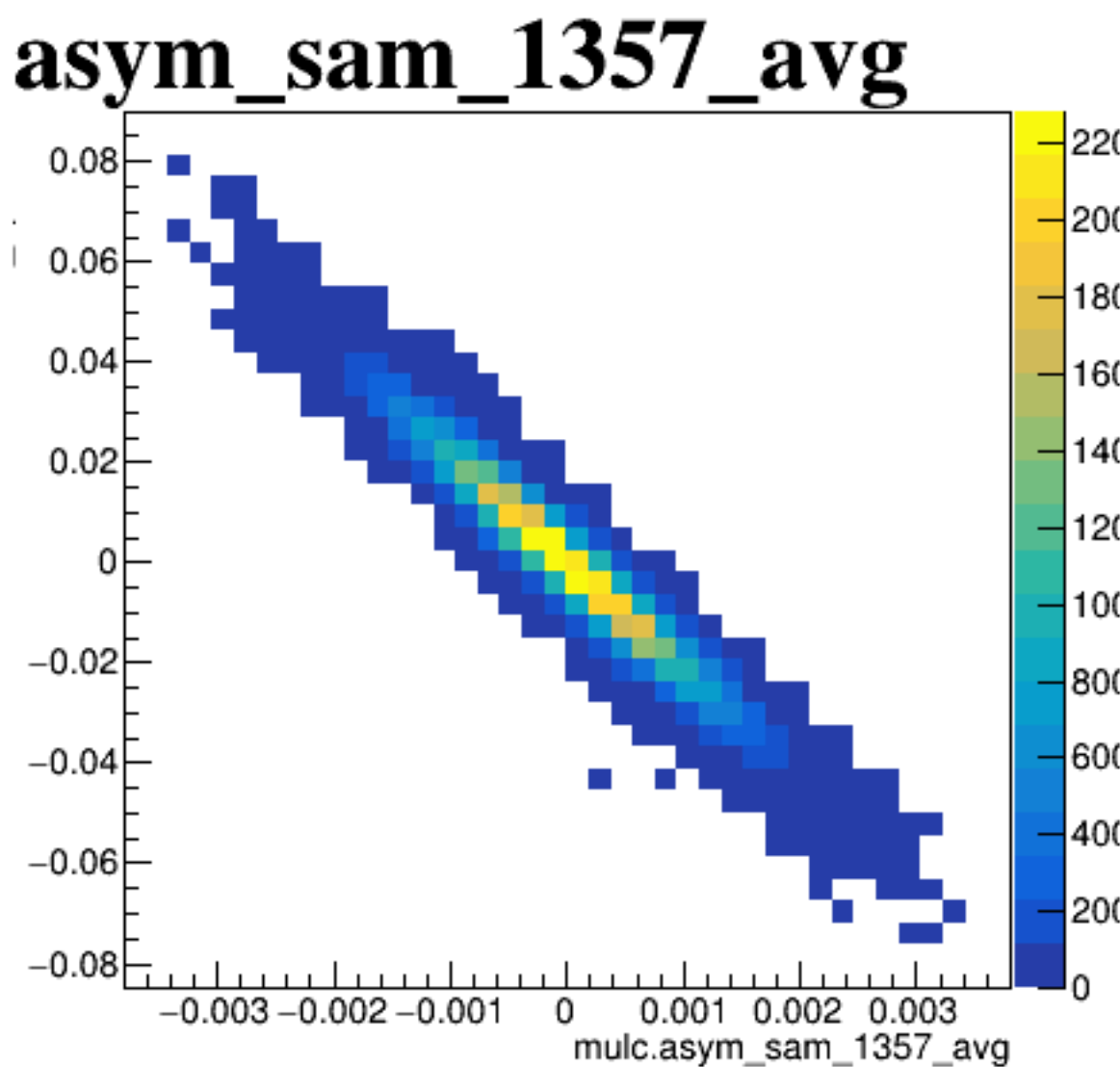
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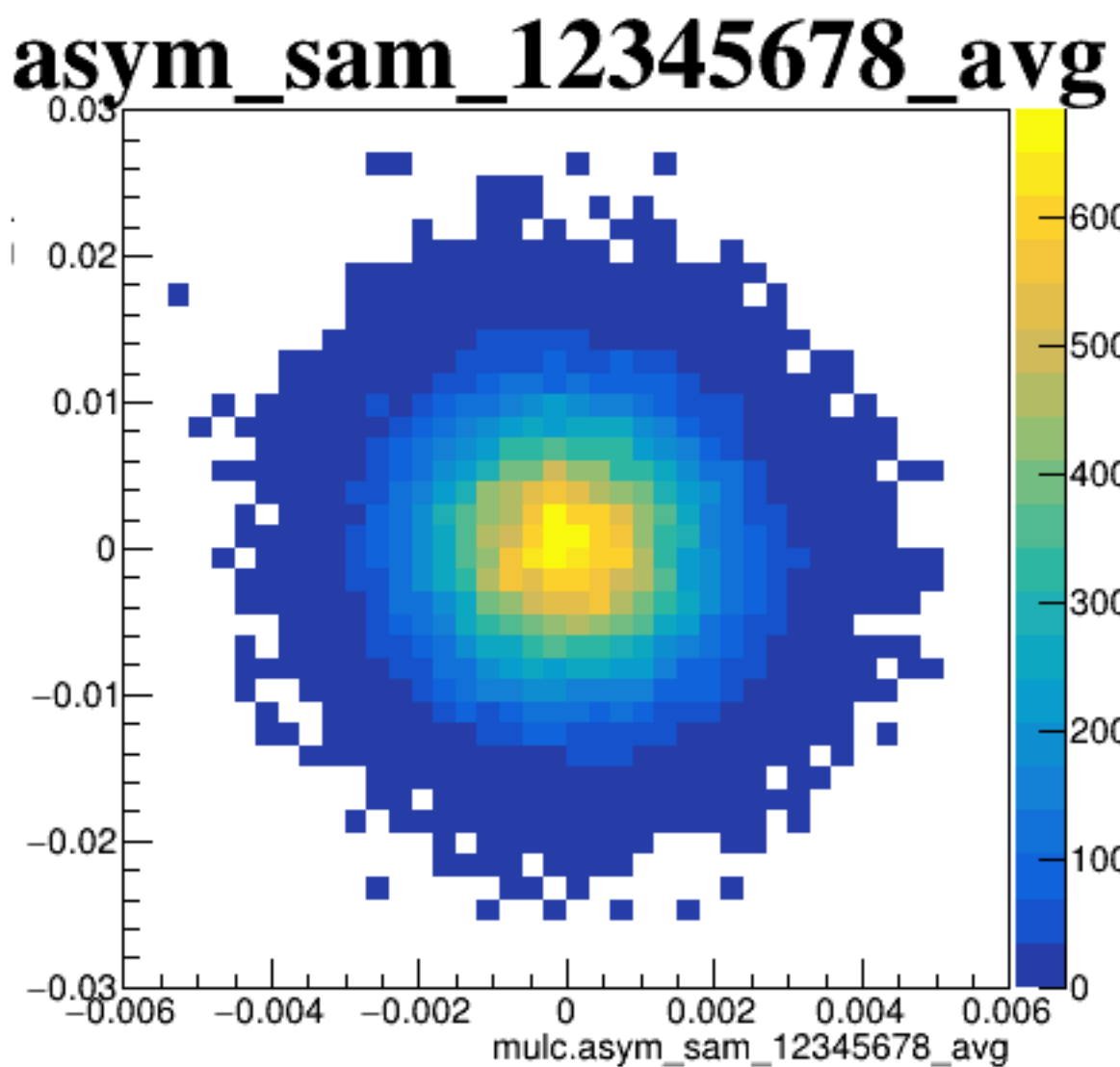
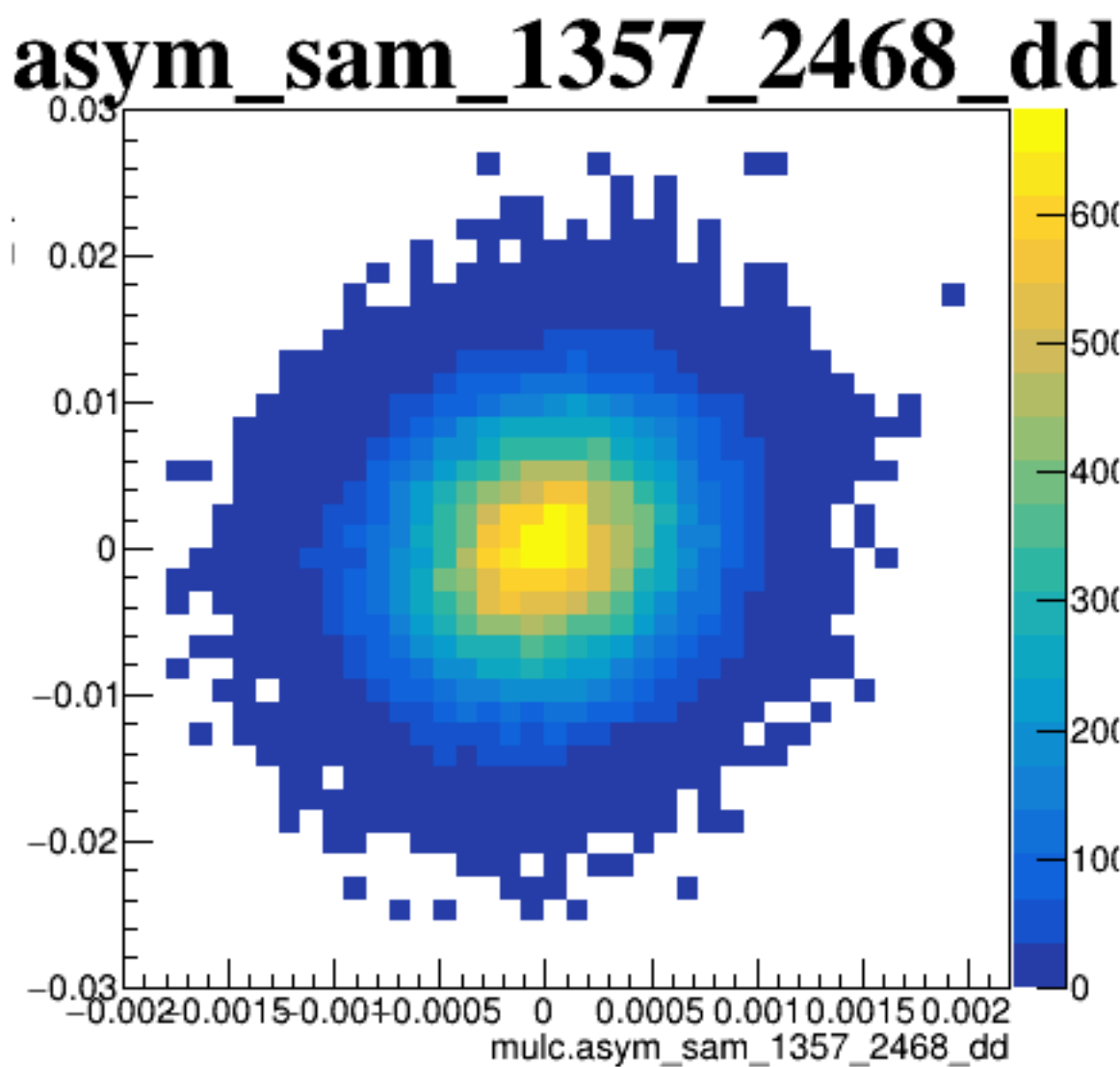
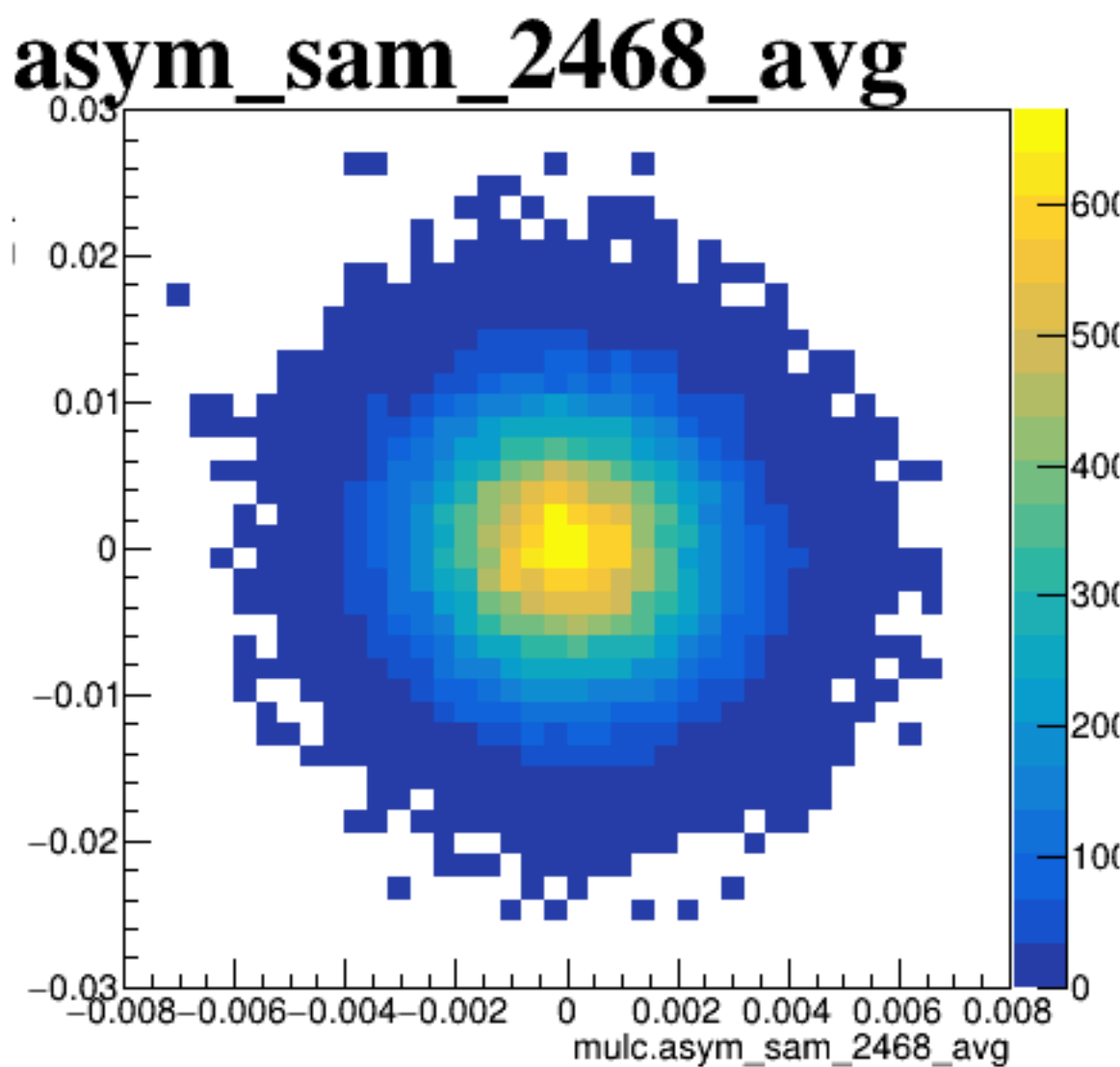
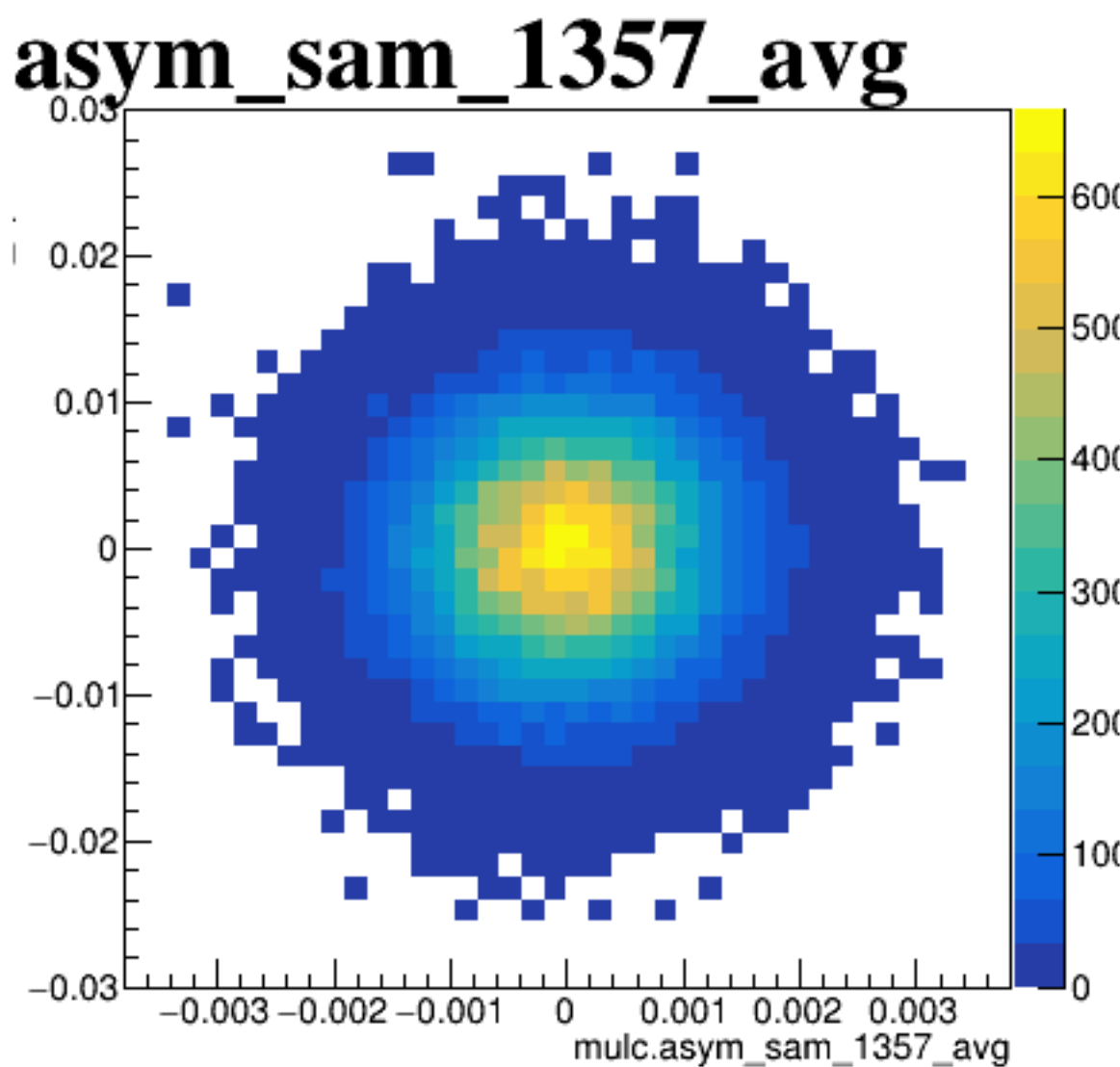
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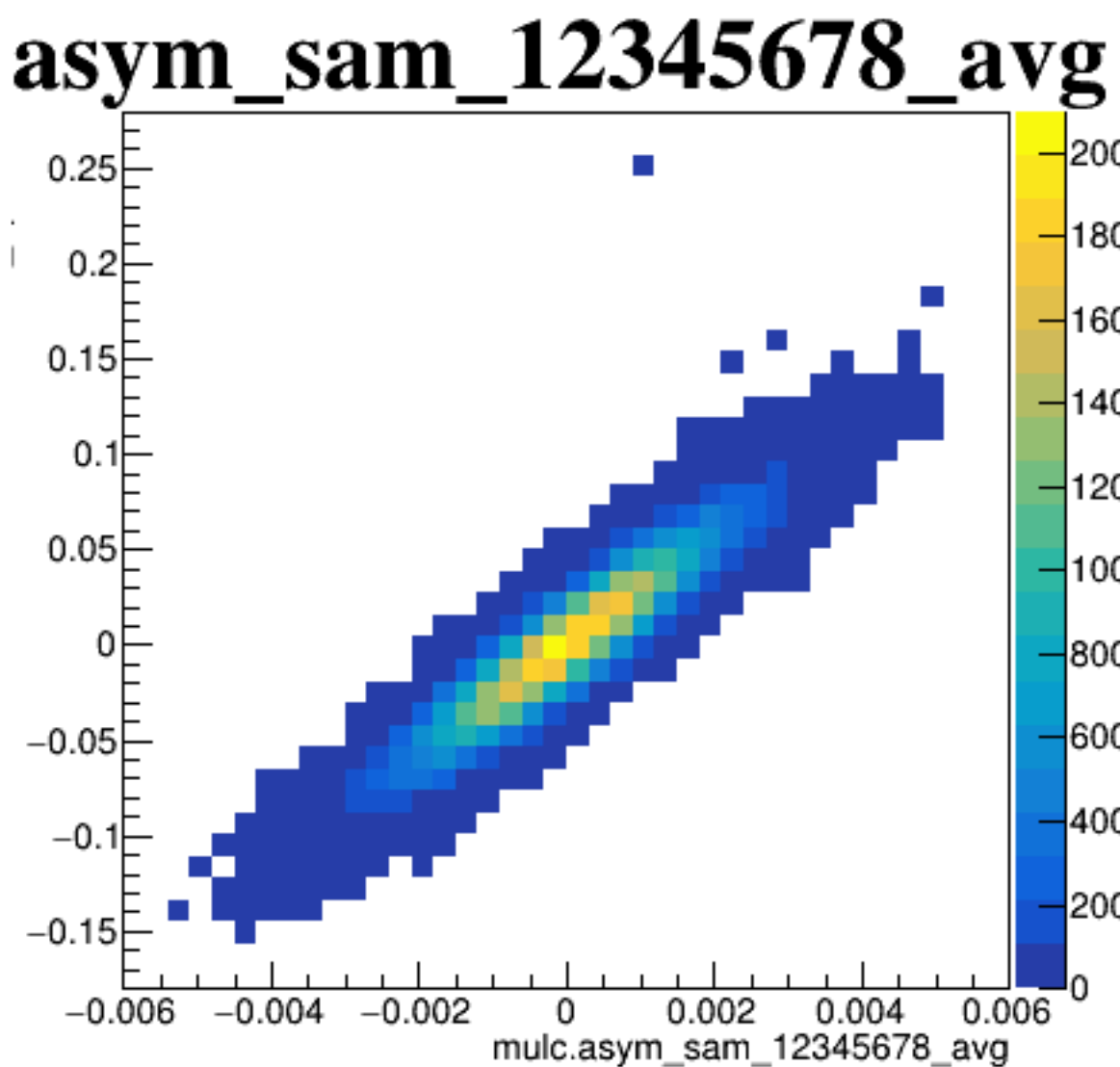
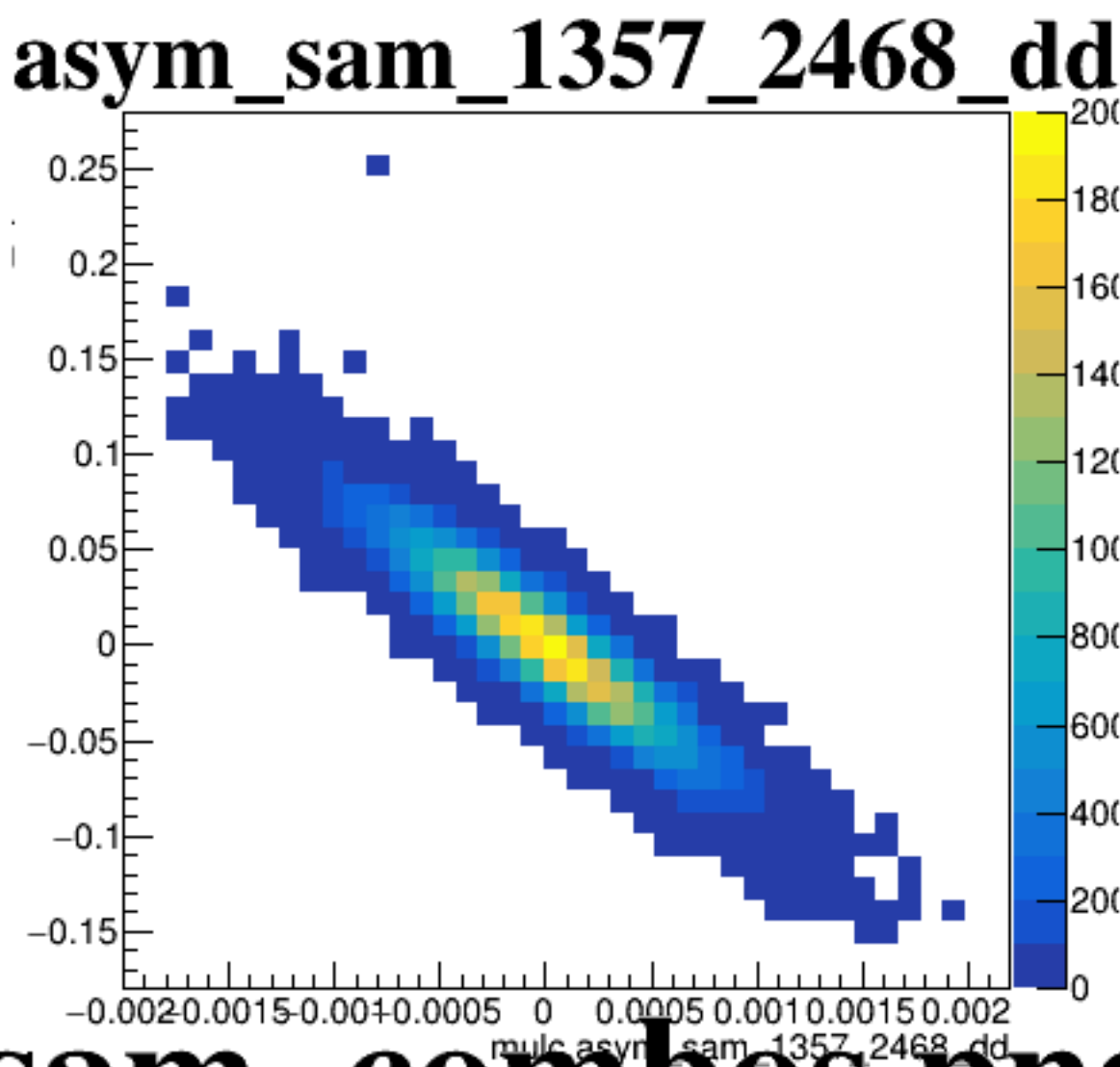
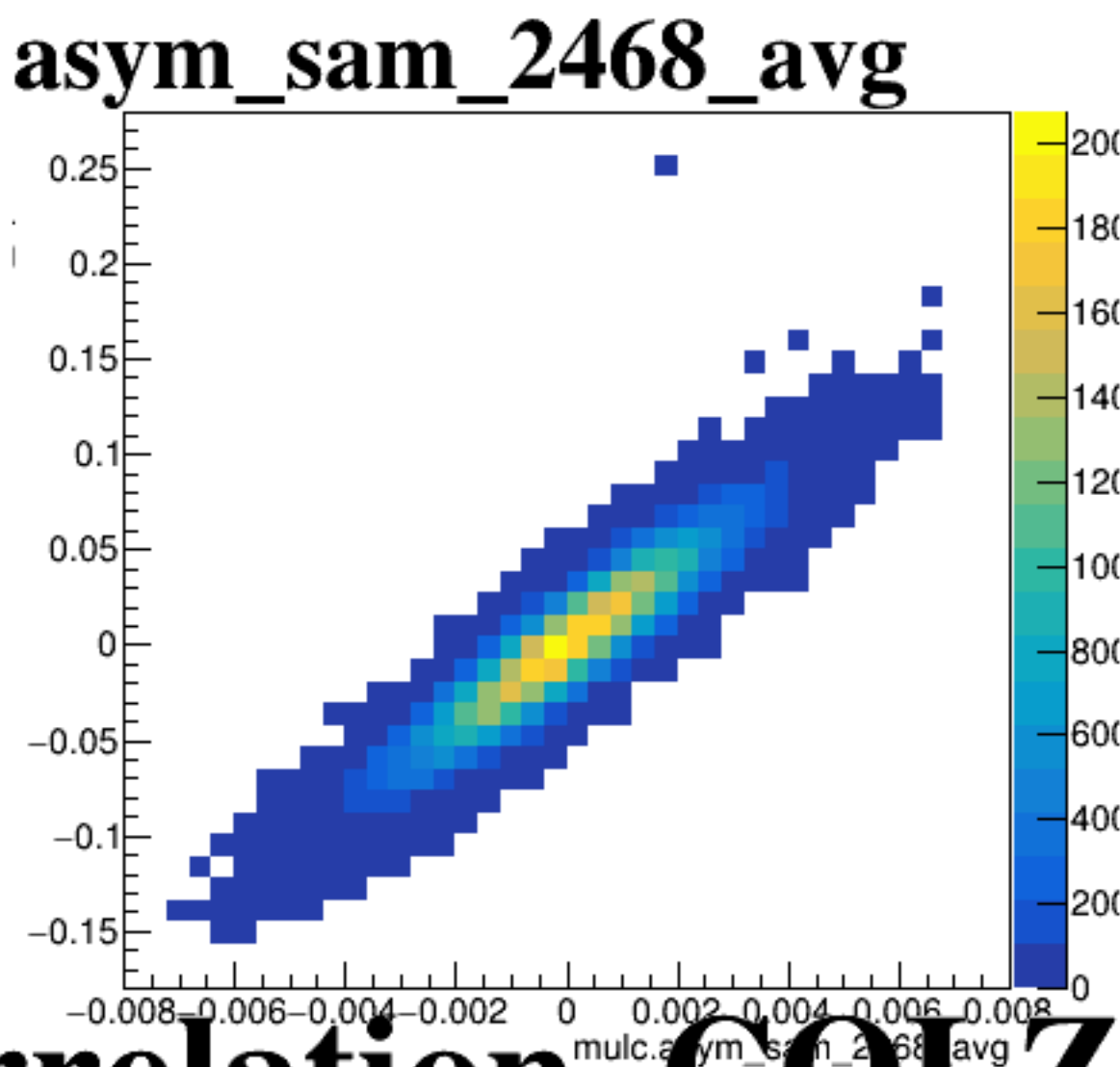
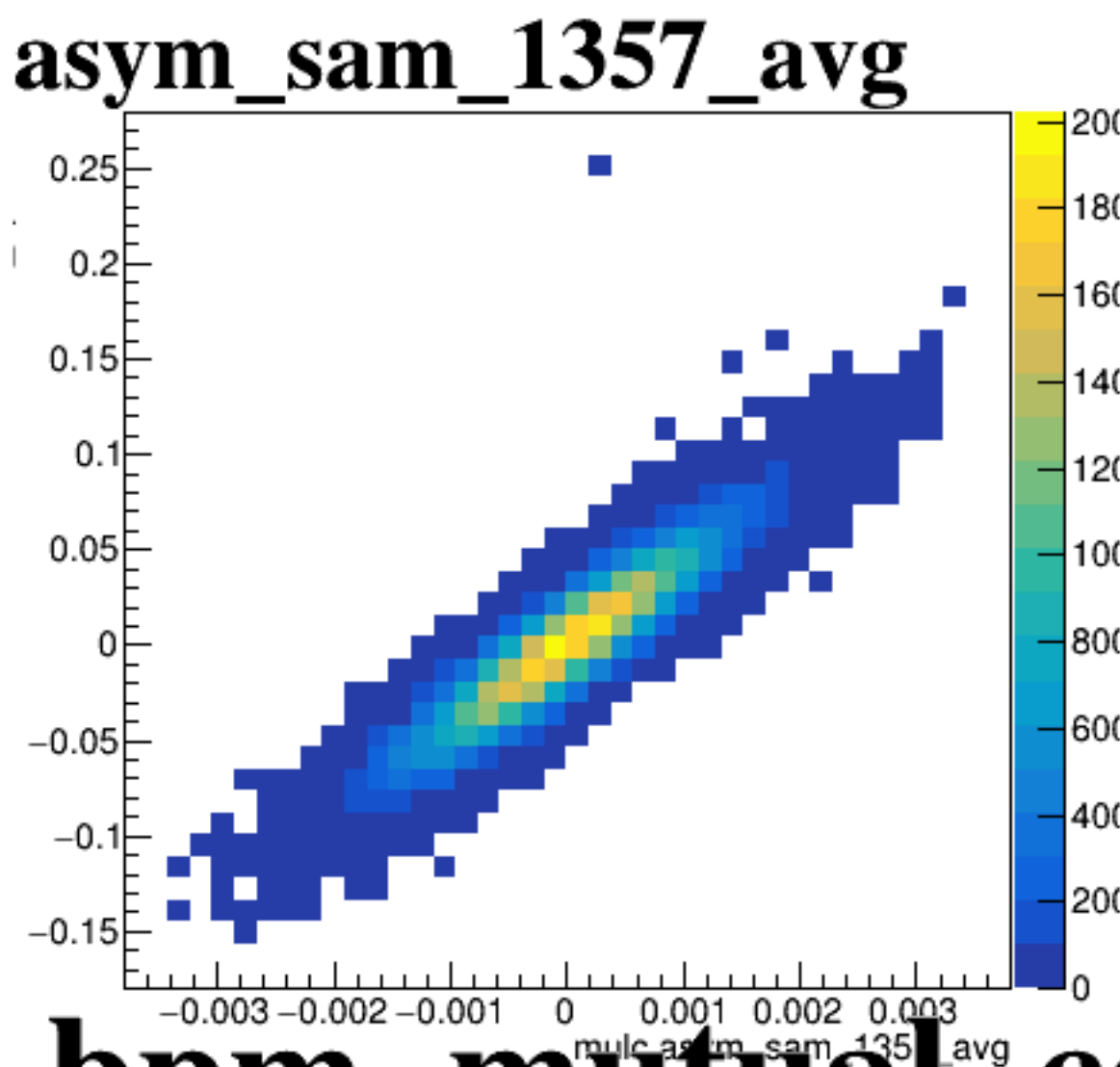
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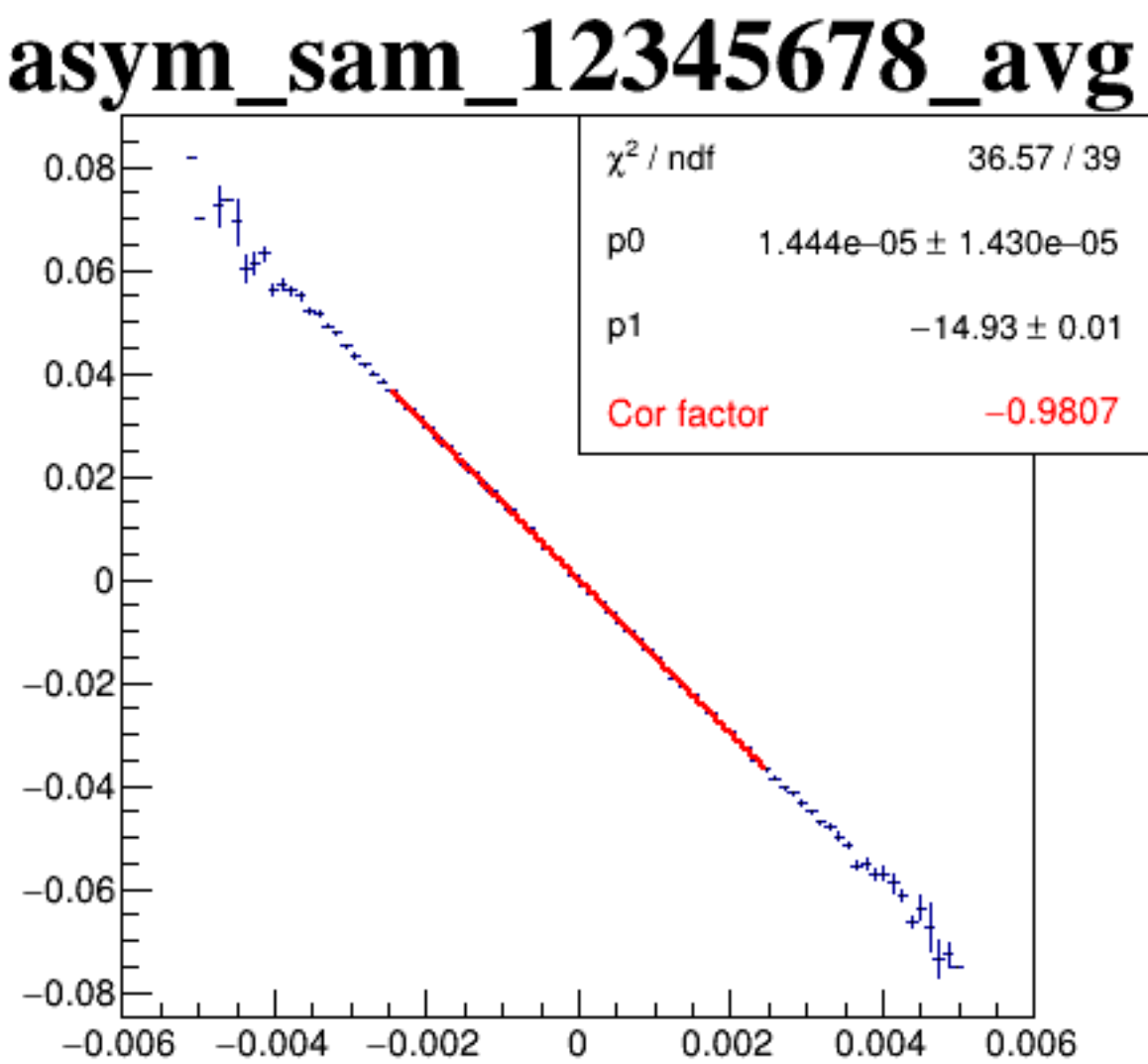
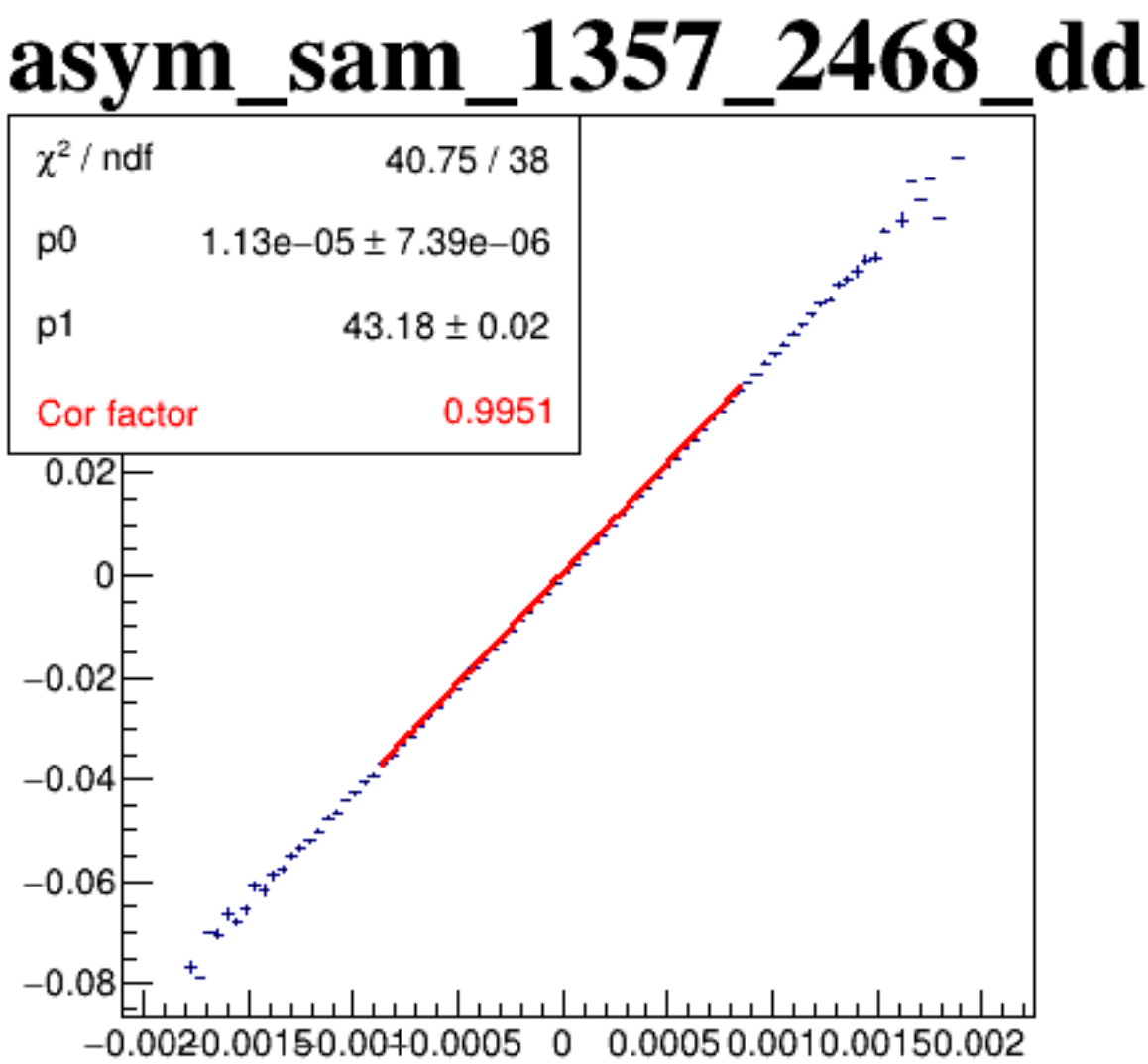
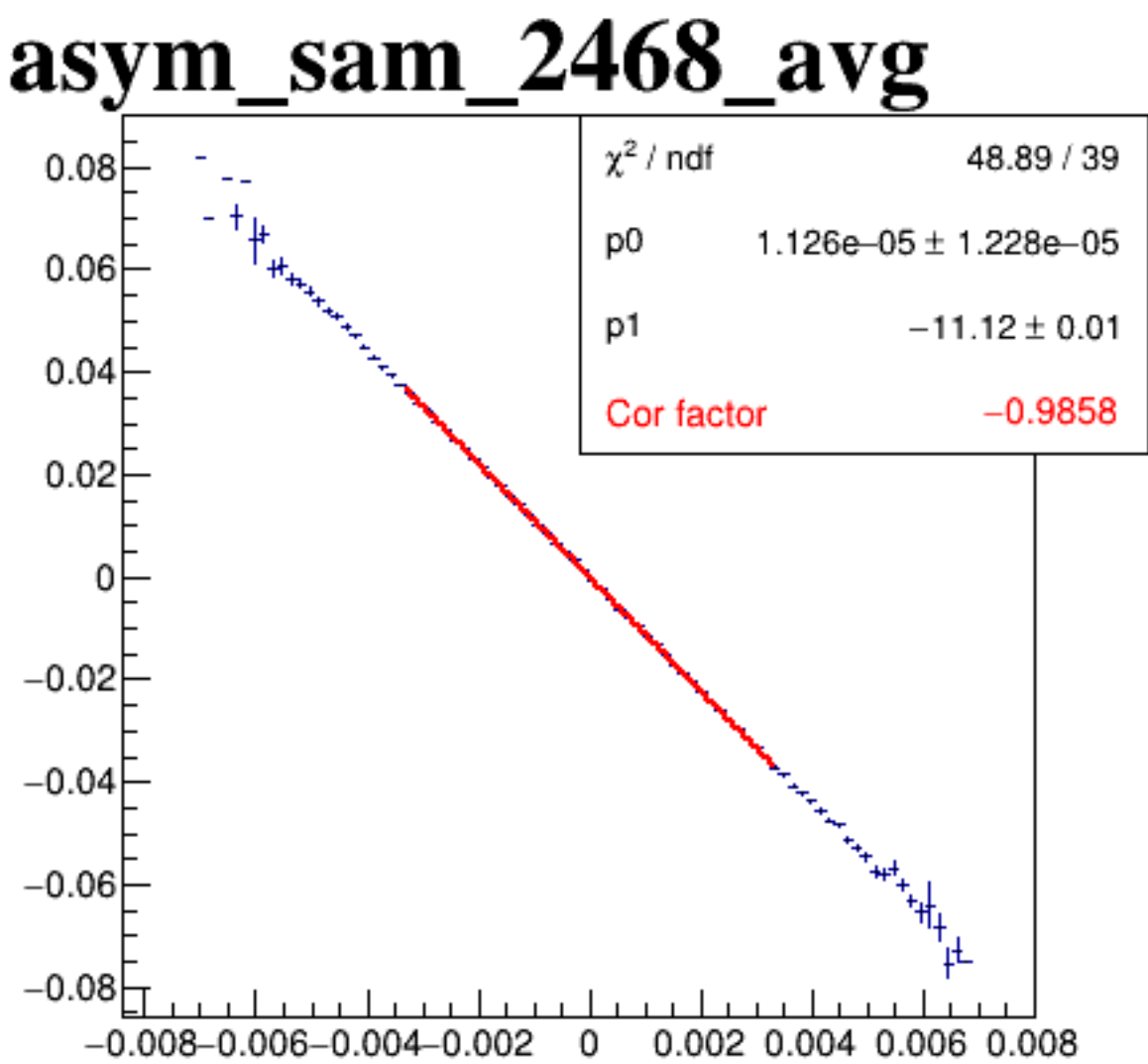
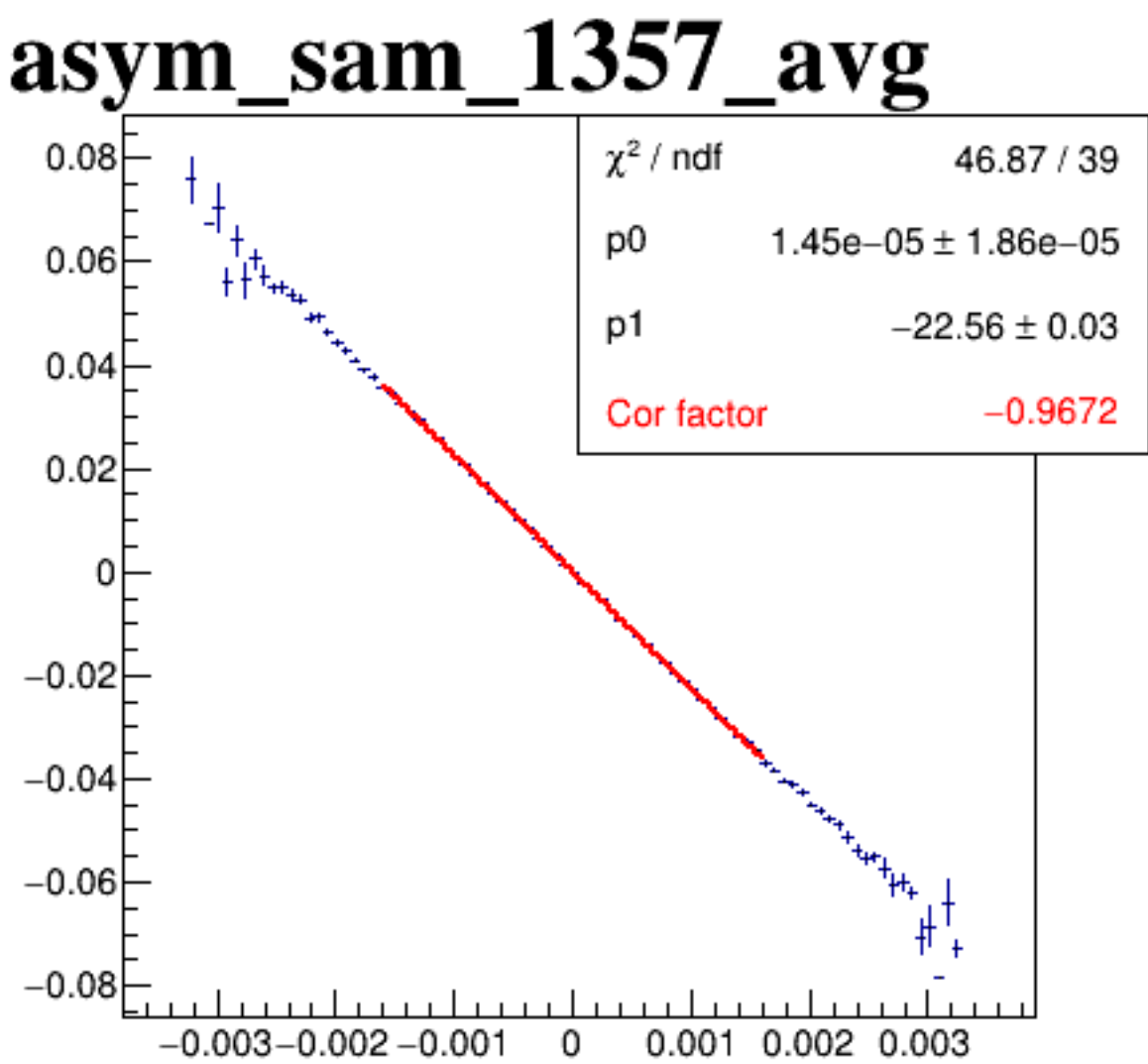
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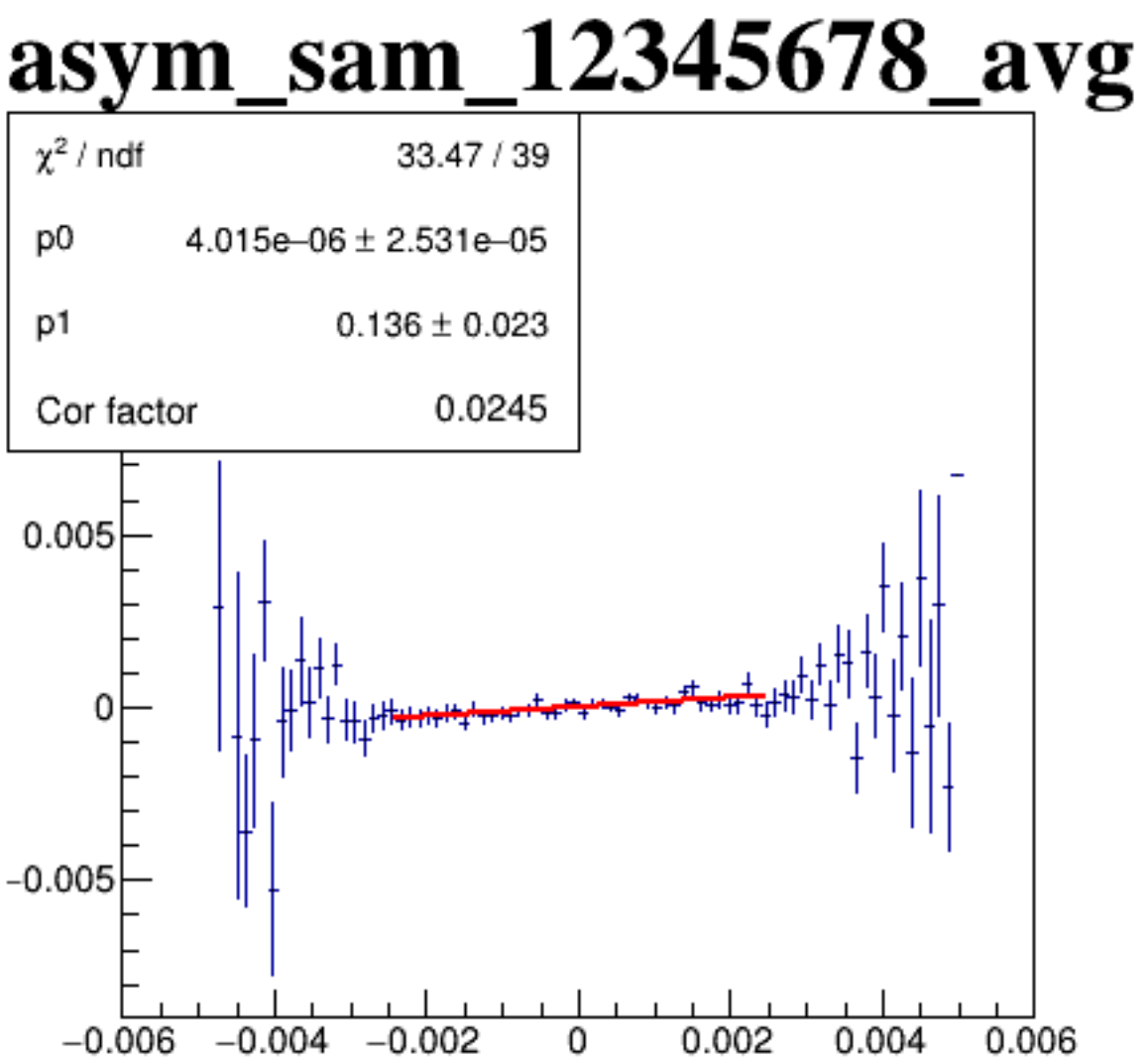
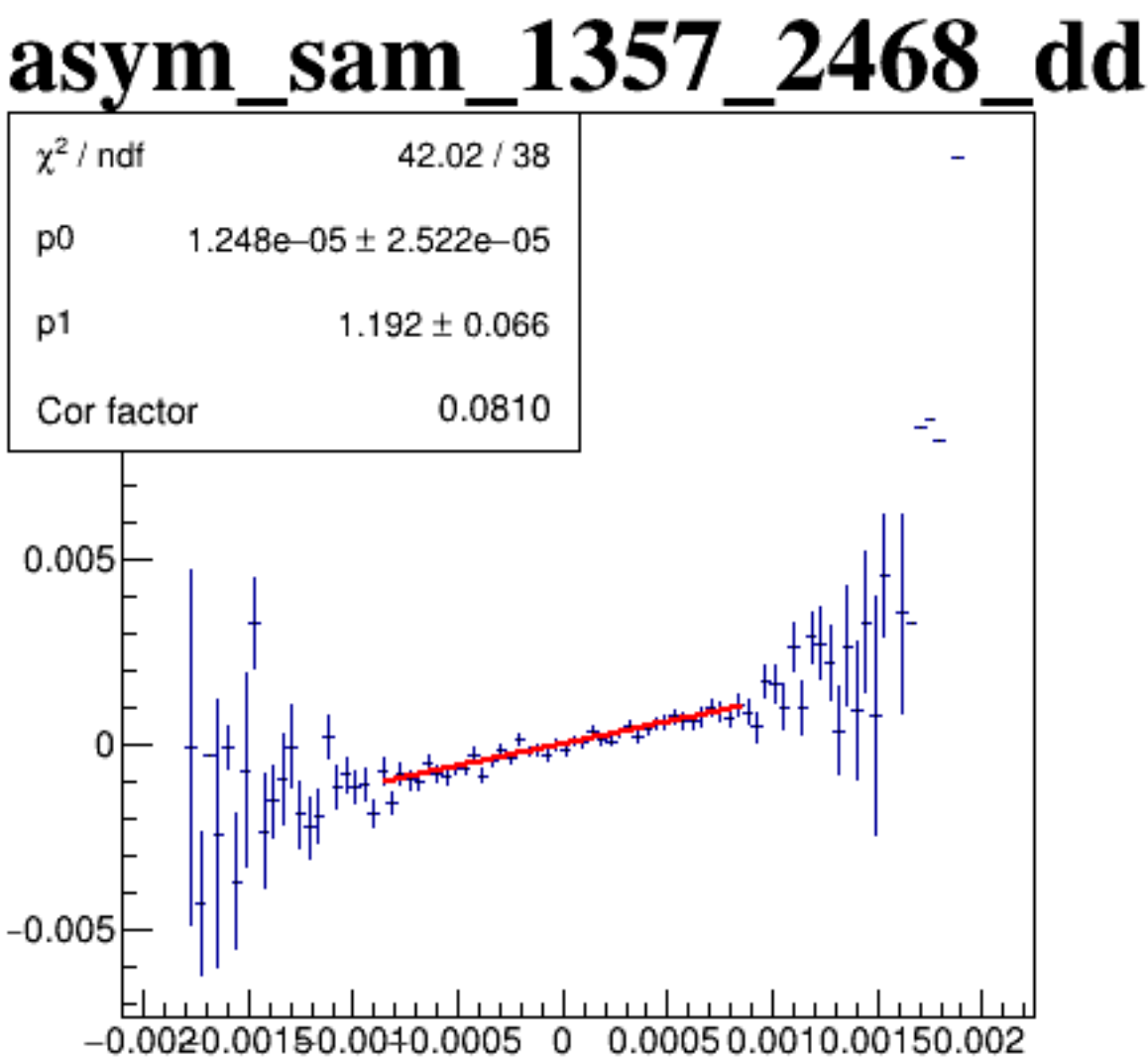
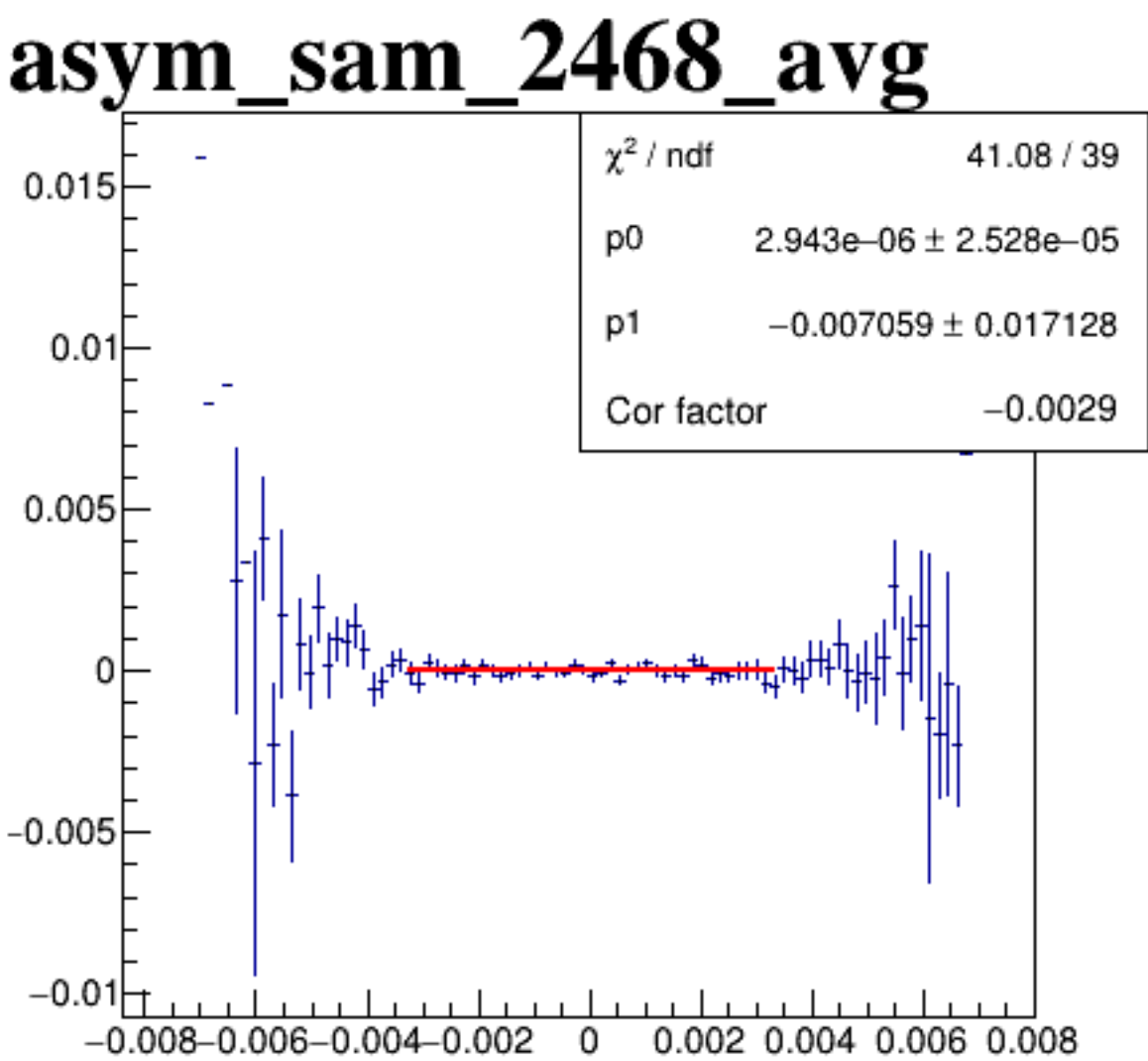
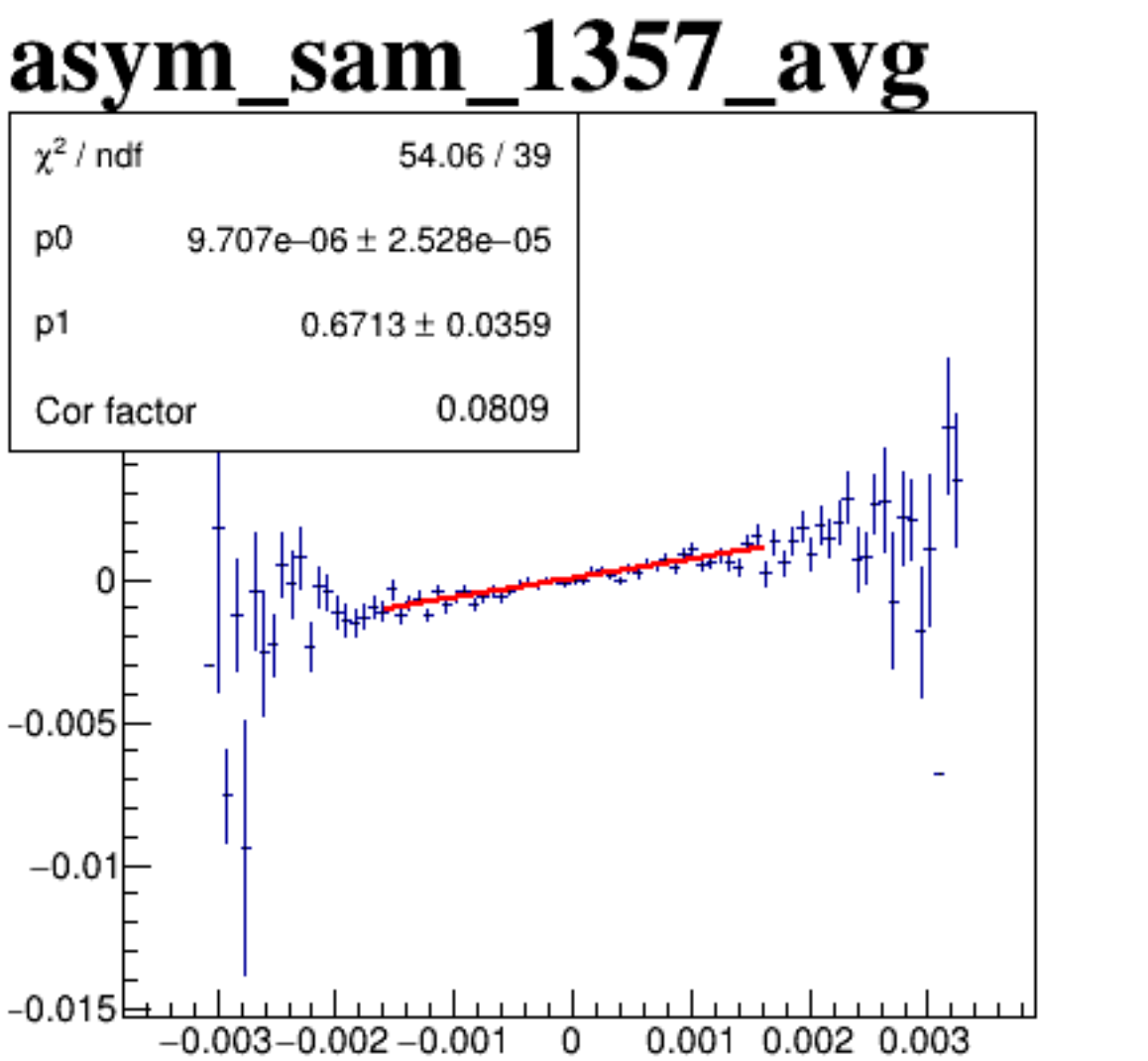
diff_bpm12X



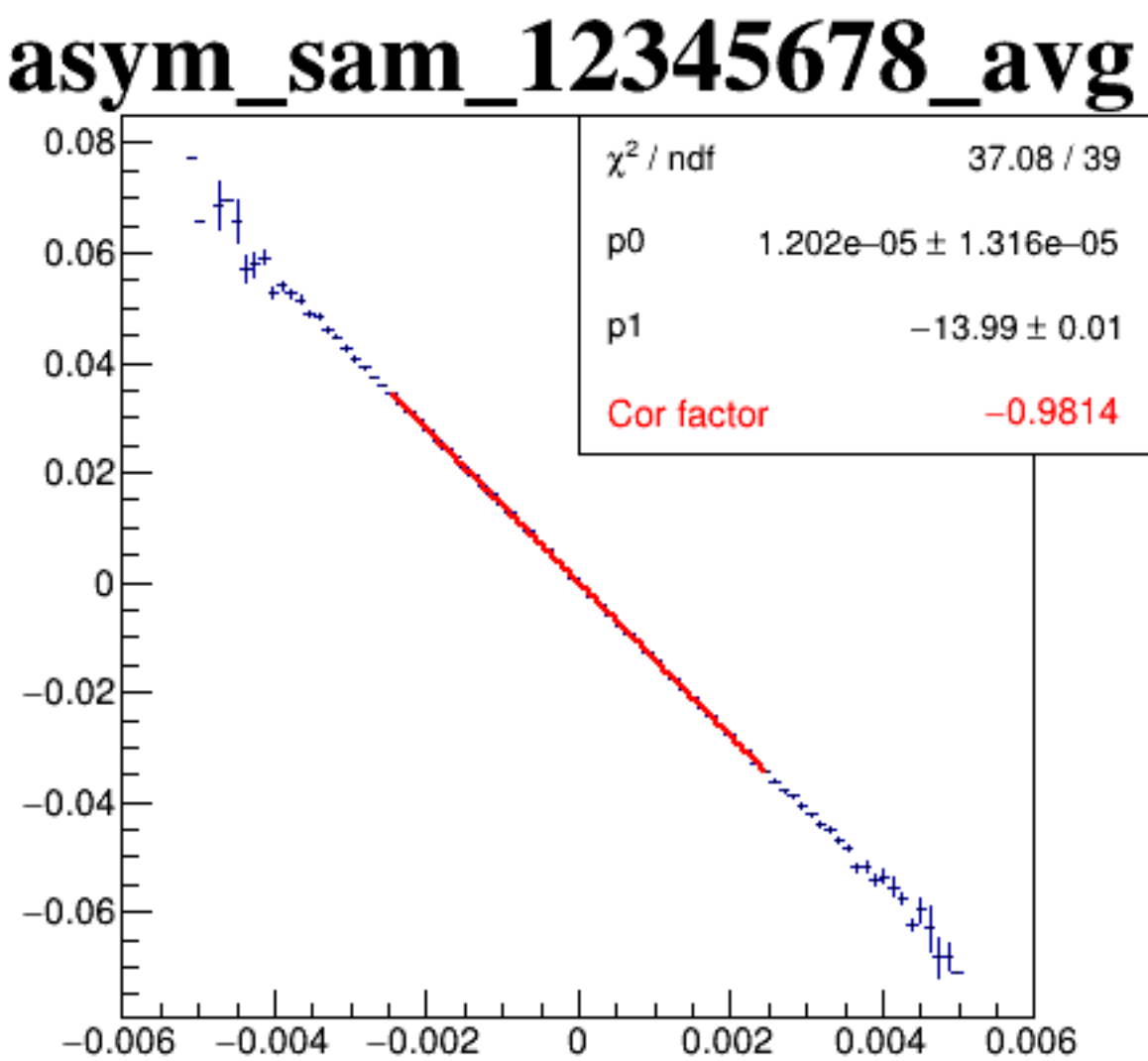
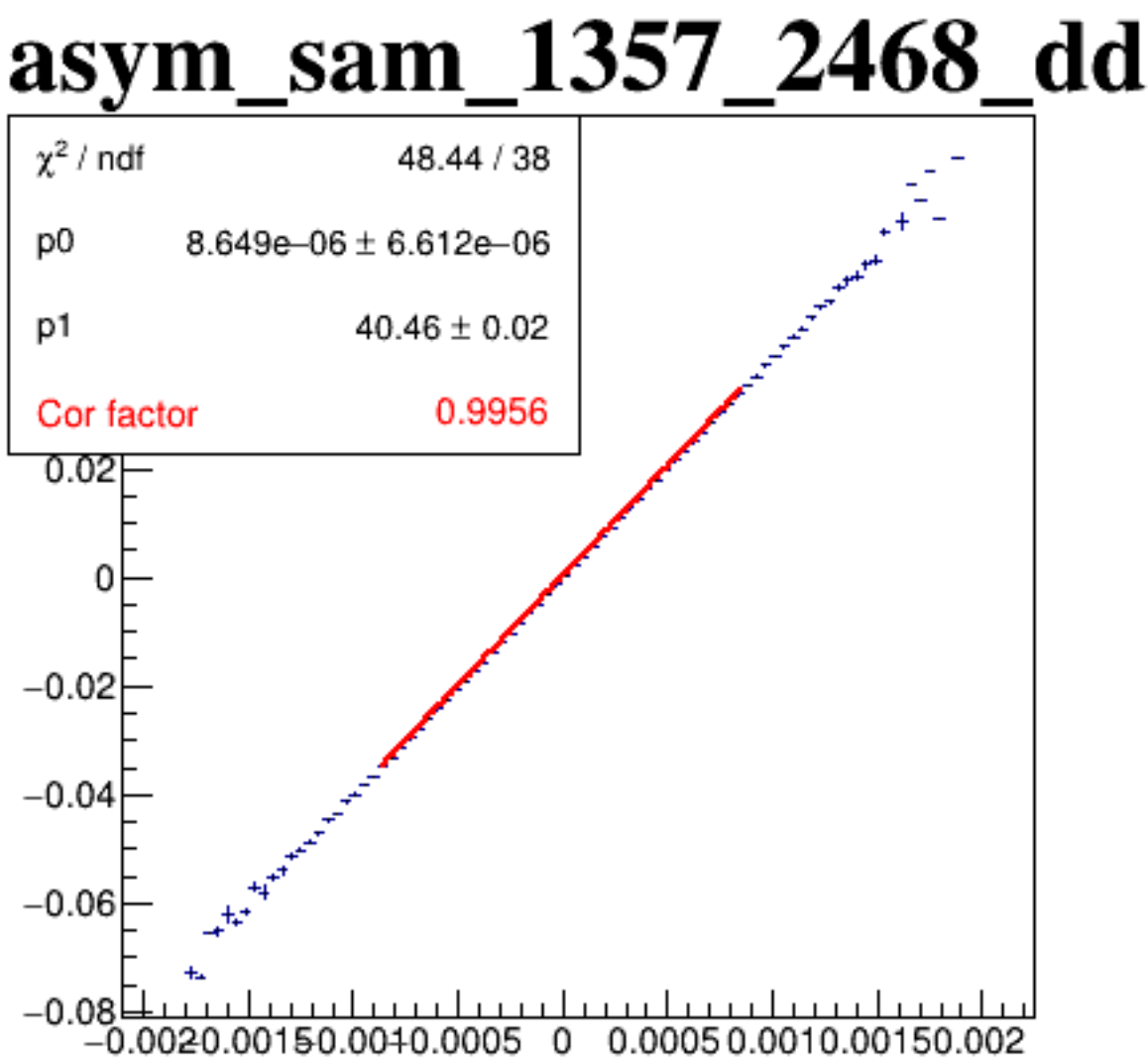
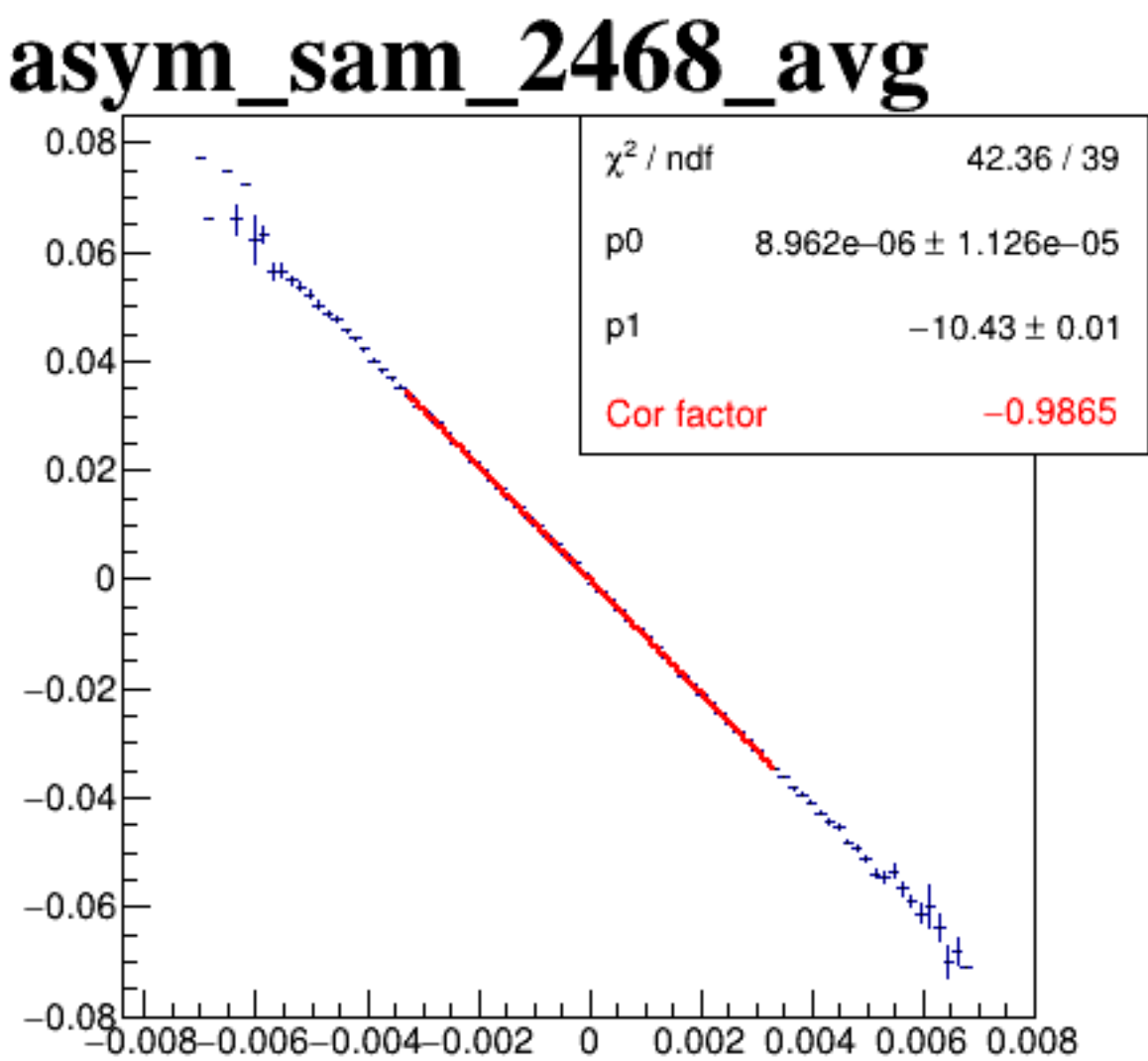
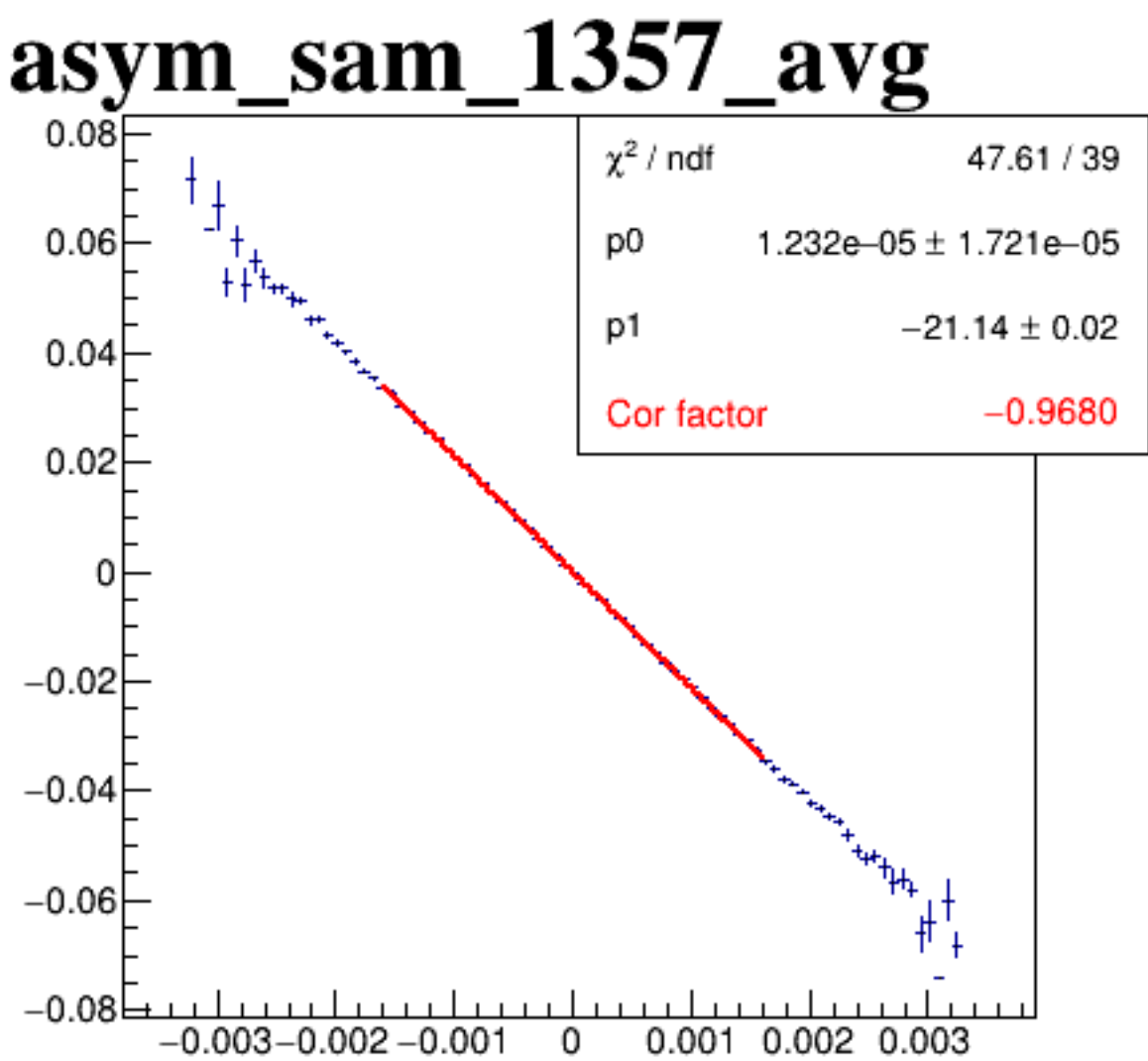
diff_bpm4aX



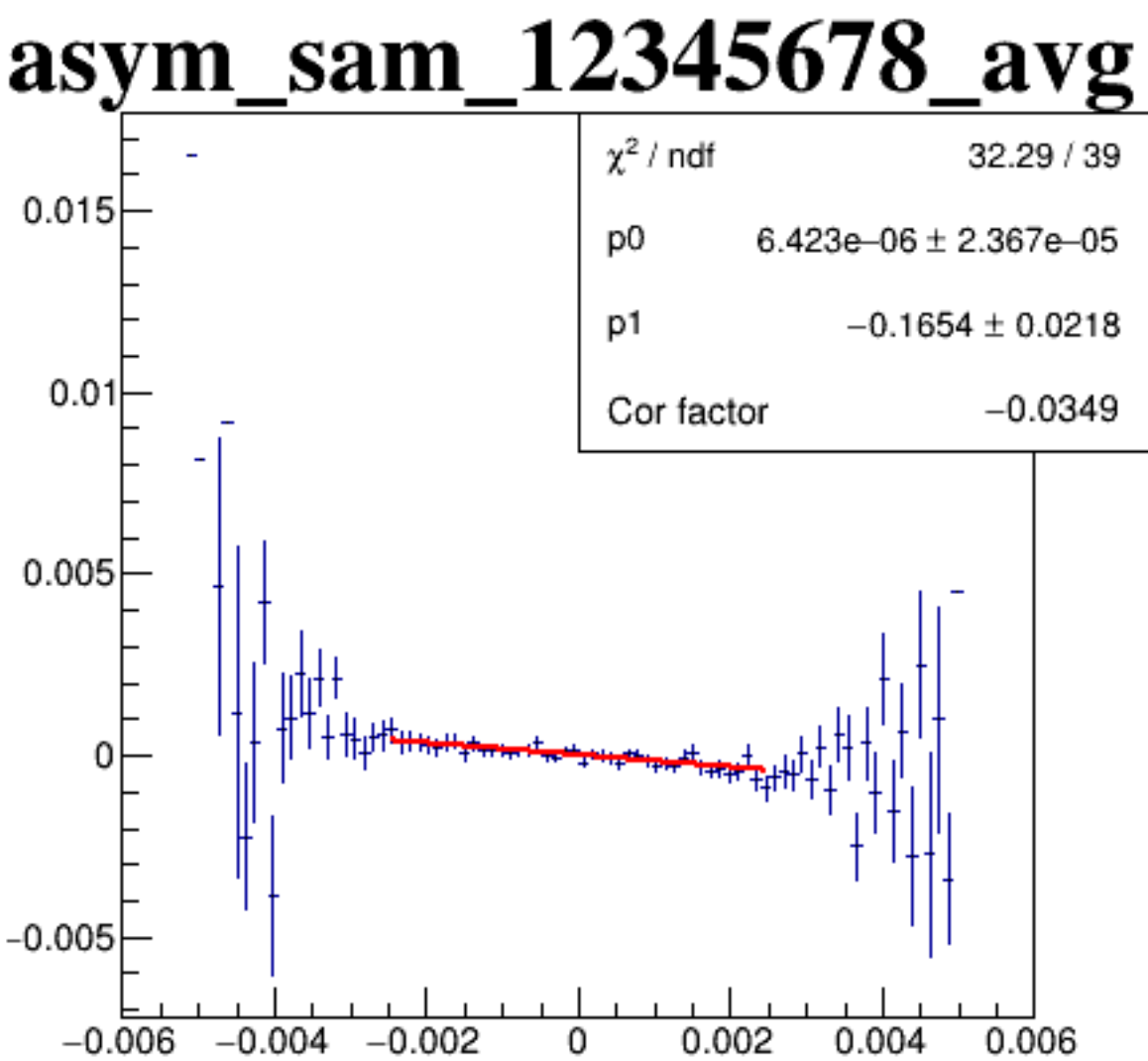
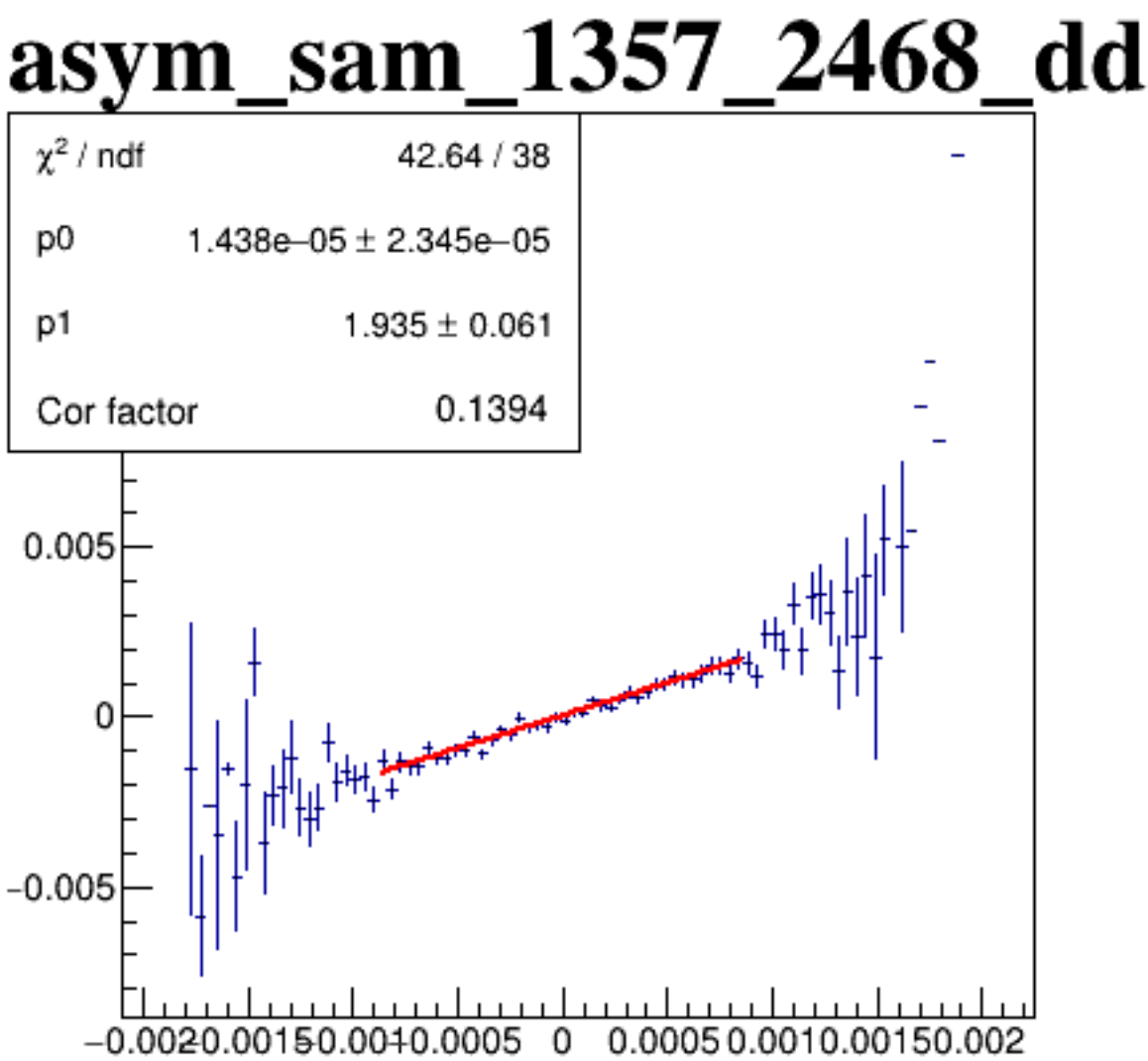
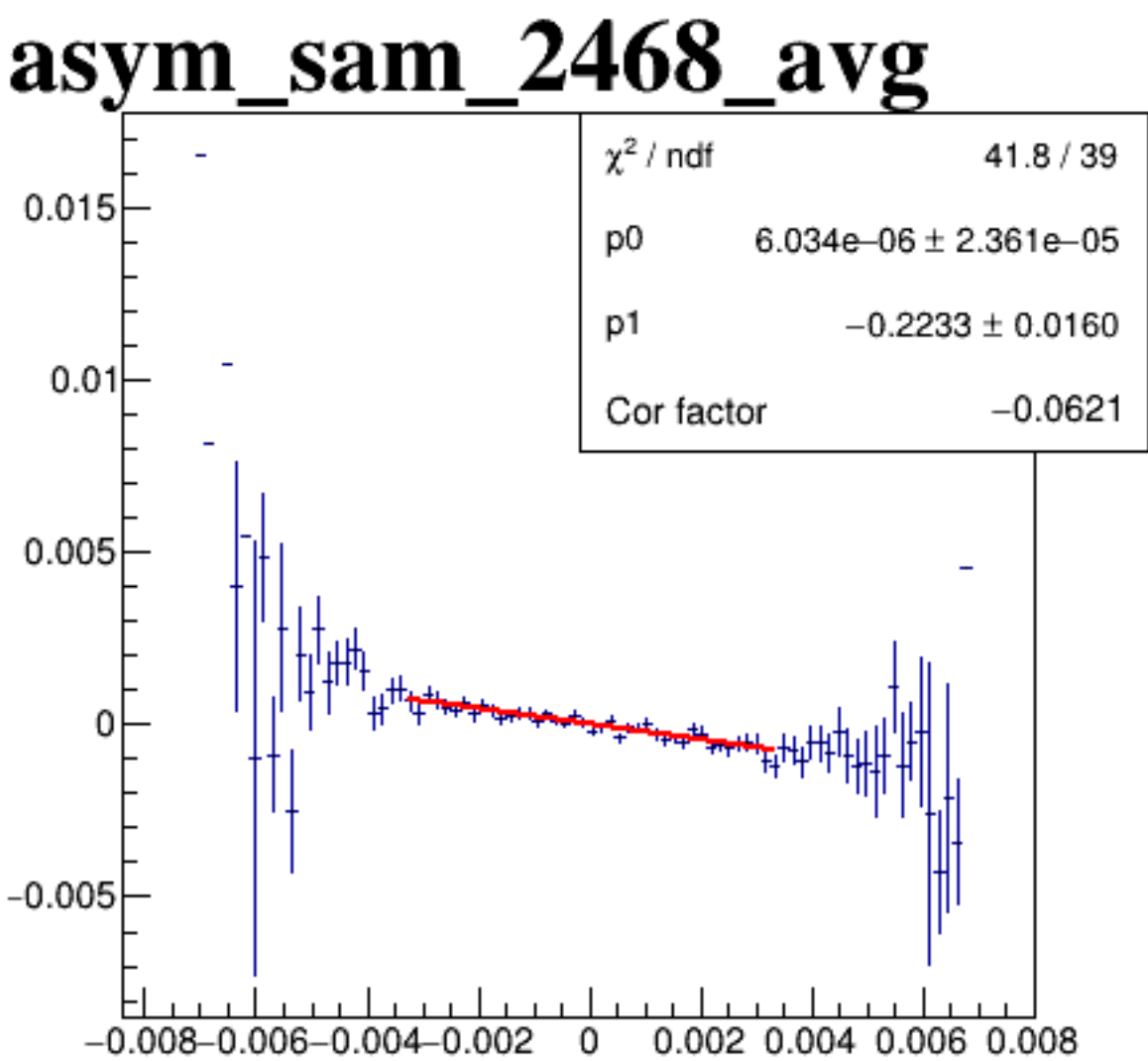
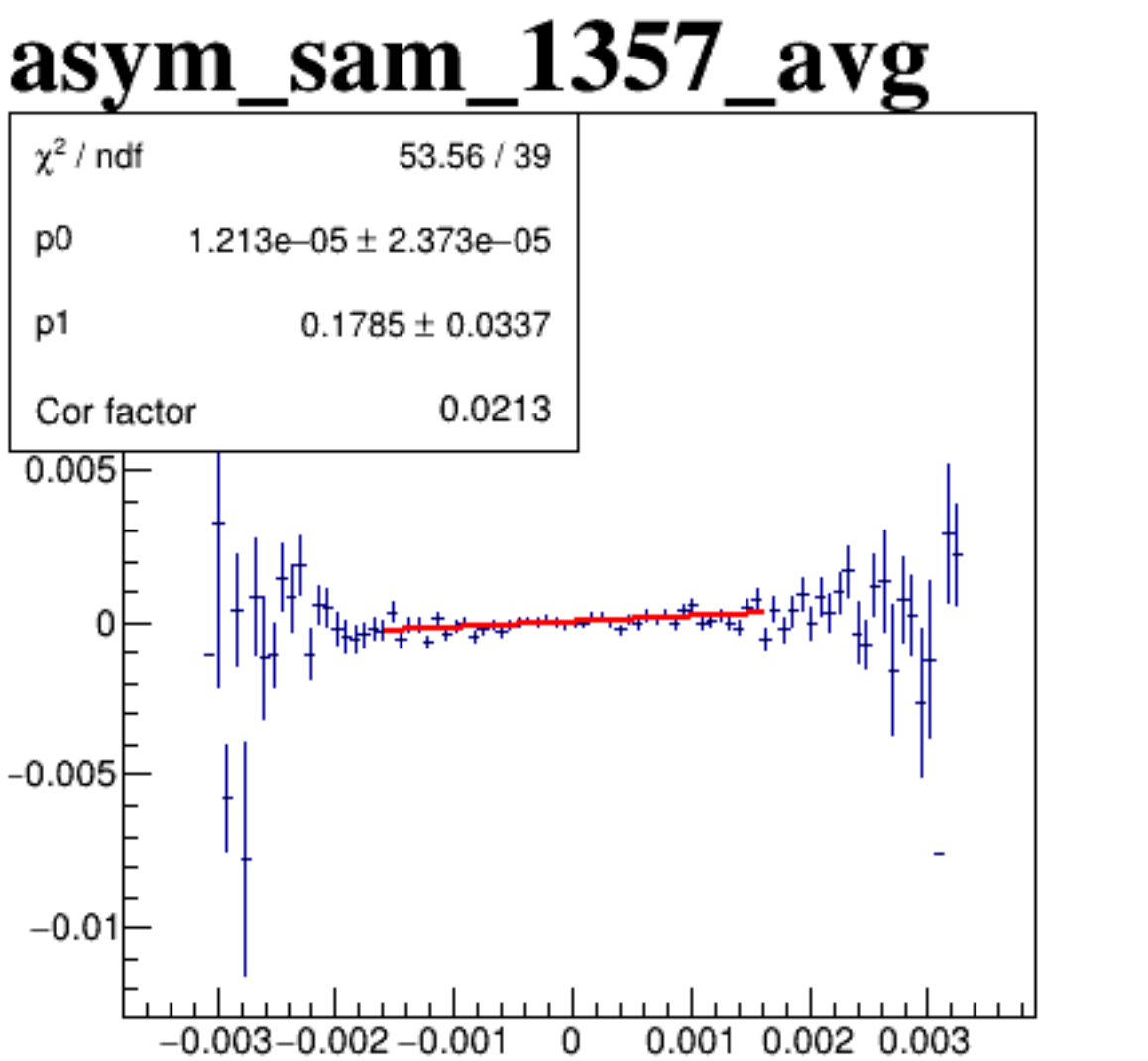
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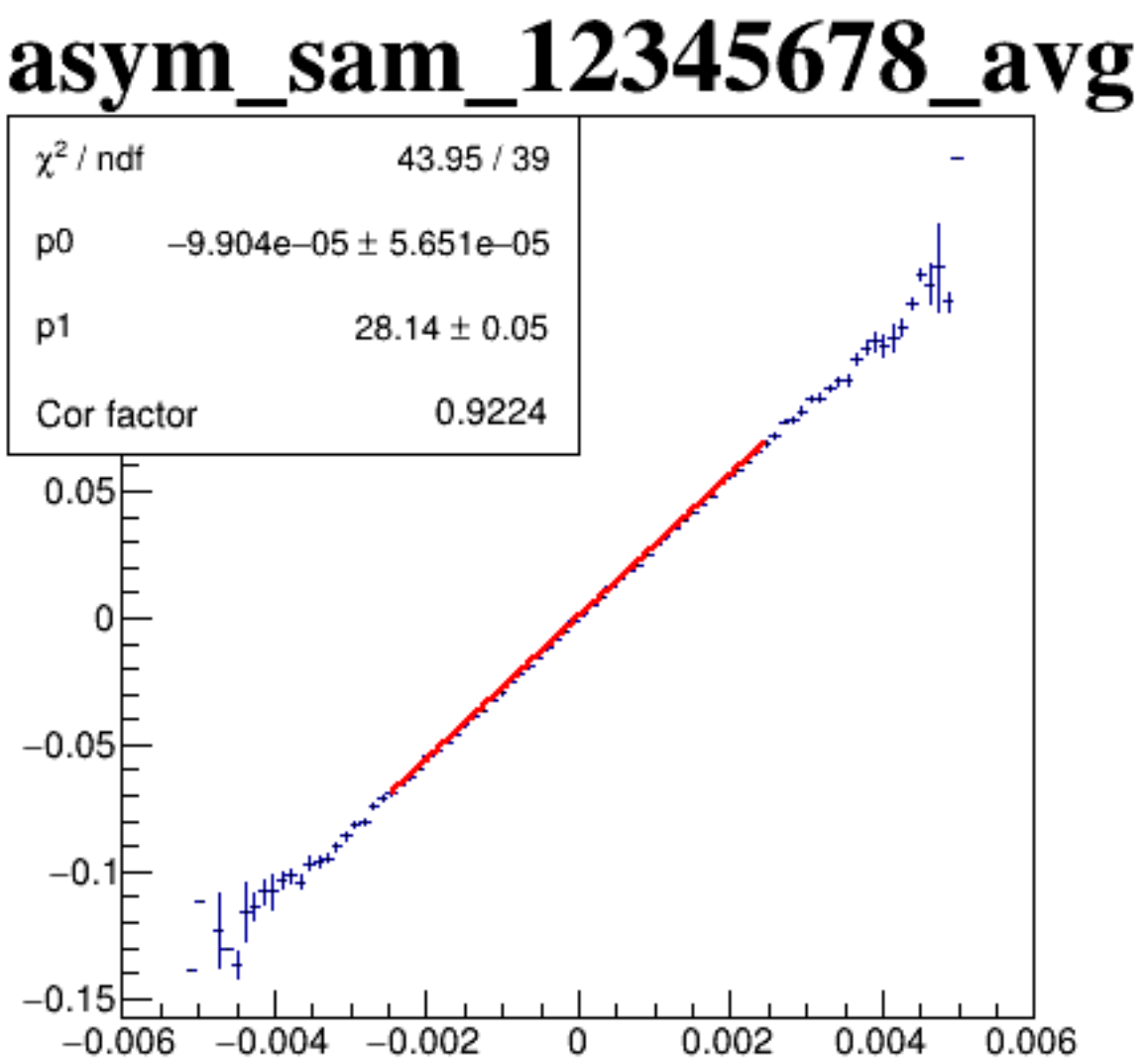
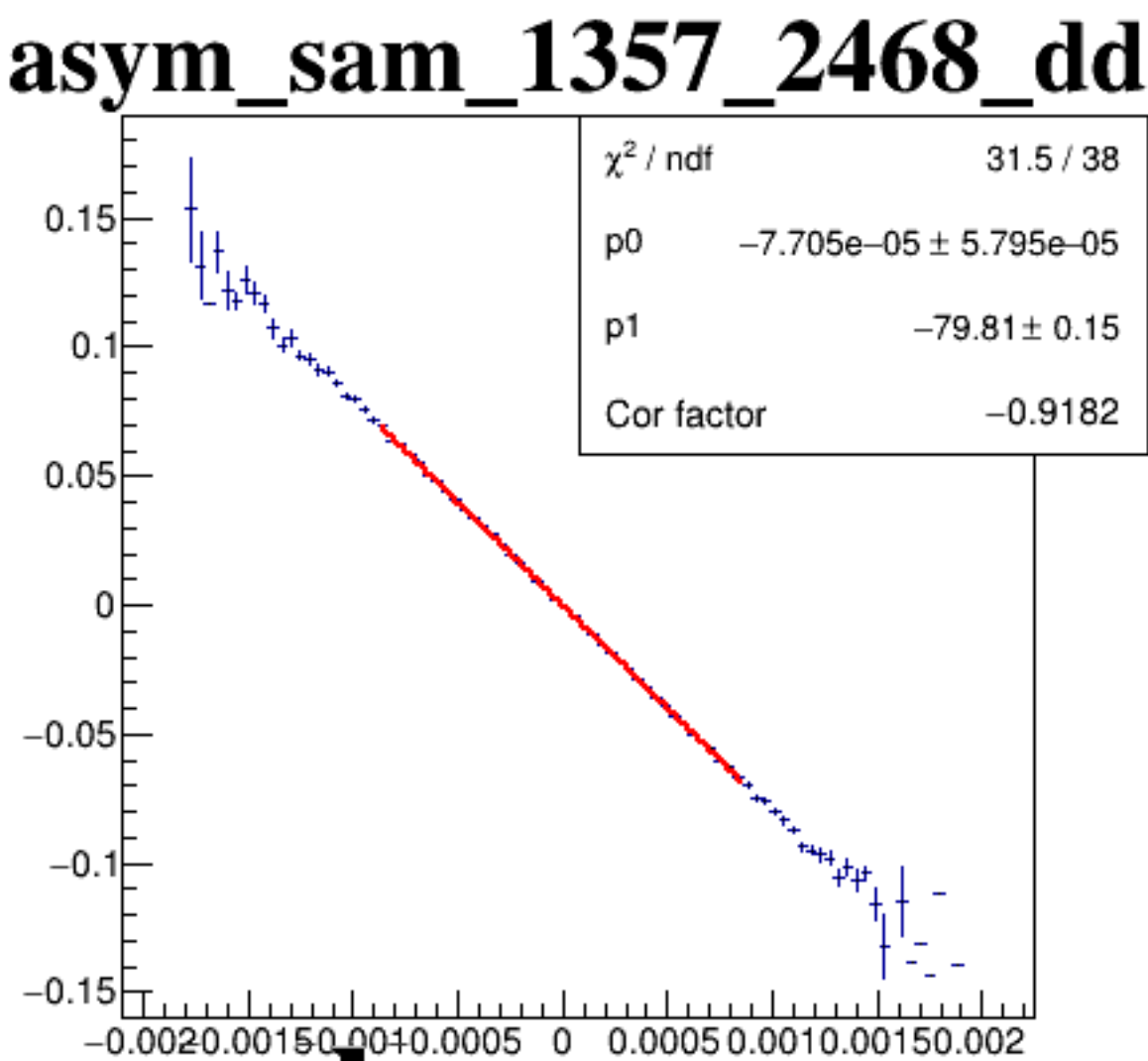
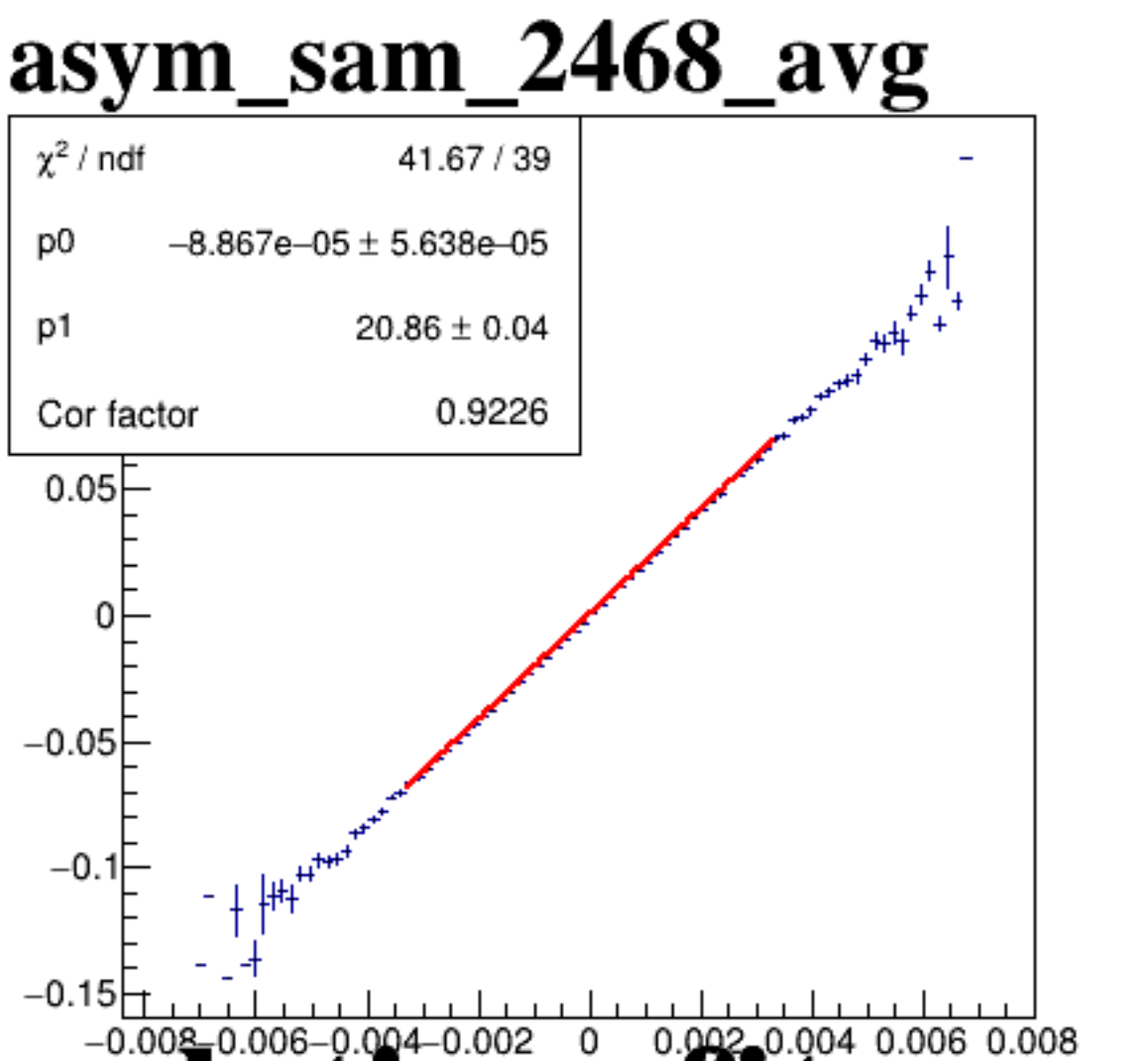
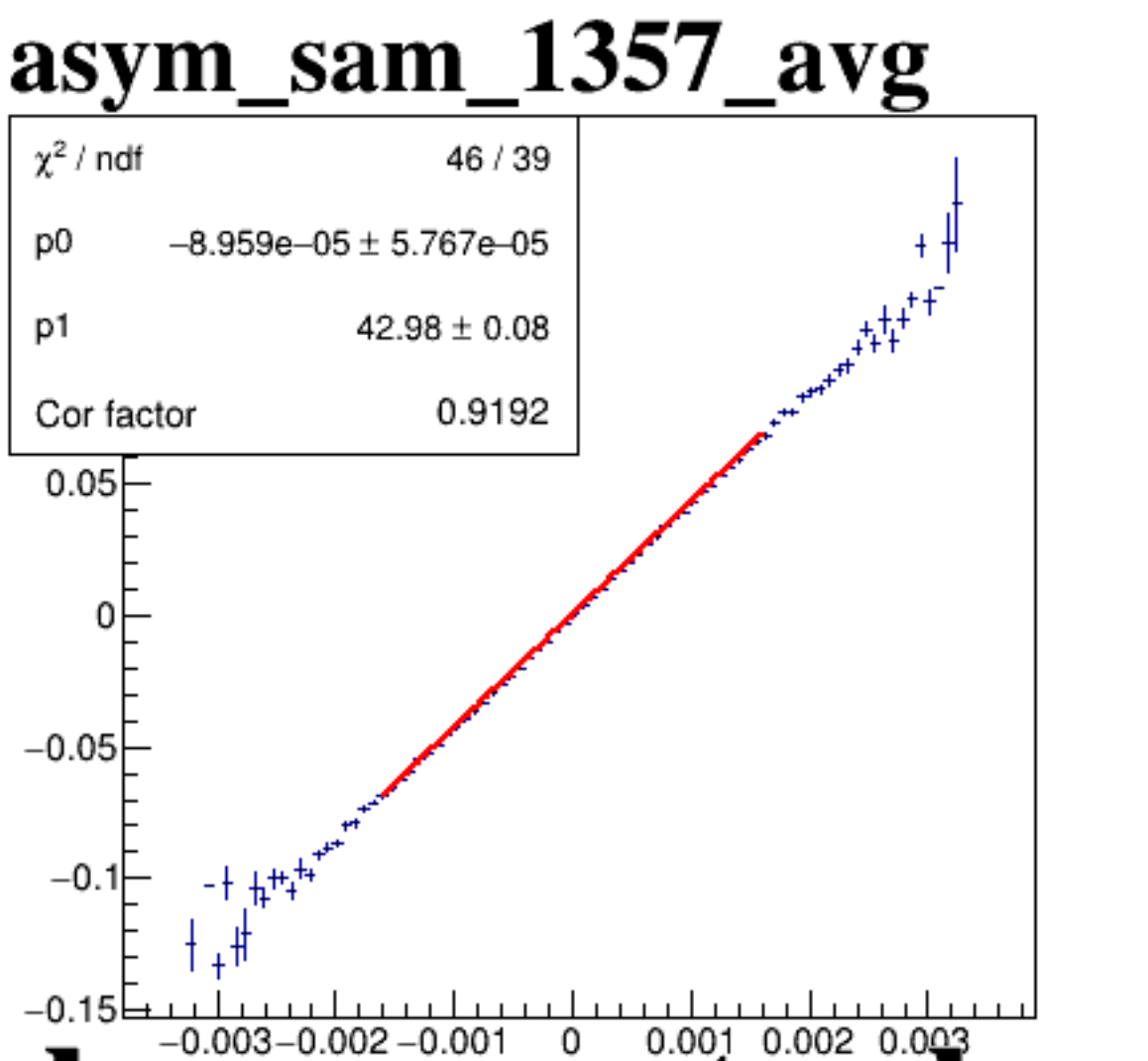
diff_bpm4eX



diff_bpm4eY



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 -0.08 to 0.08. The data points form a dense, elongated cloud along the diagonal line $y = x$, indicating a strong positive correlation between the two variables.

A scatter plot showing the relationship between the average of the 12345678th elements of the 'asym' and 'mulc.asym' arrays. The x-axis is labeled 'mulc.asym_sam_12345678_avg' and ranges from -0.006 to 0.006. The y-axis is labeled 'asym_sam_12345678_avg' and ranges from -0.03 to 0.03. The data points are densely clustered around the origin (0,0), forming a circular cloud of points.

run8157_000_diff_bpm_mutual_correlation_scat_sam_combos.png