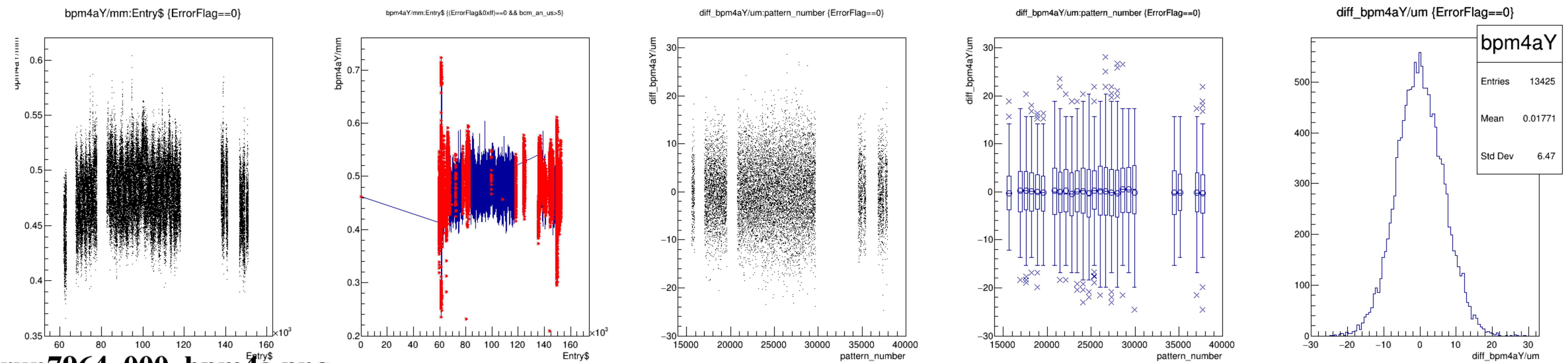
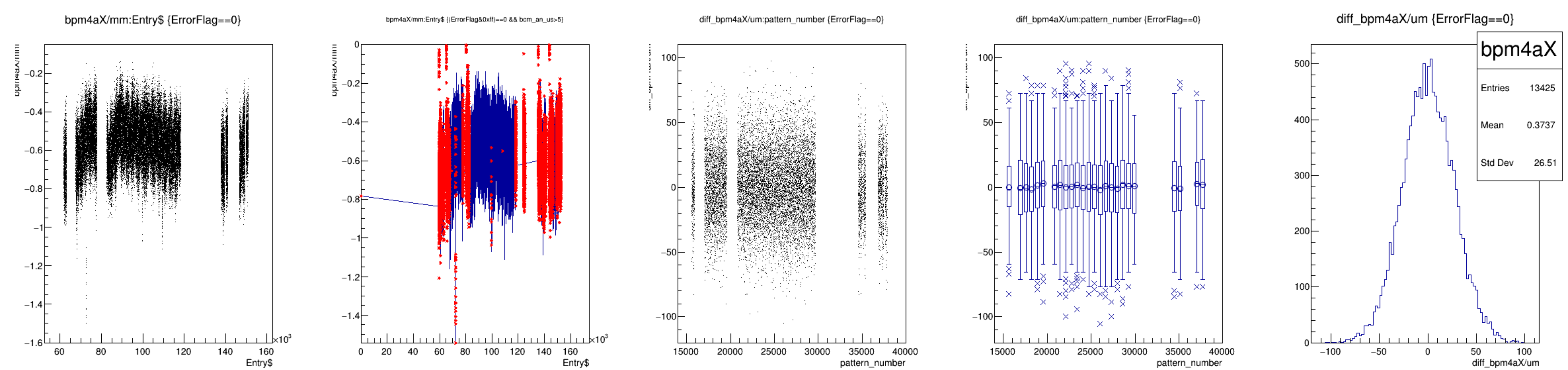
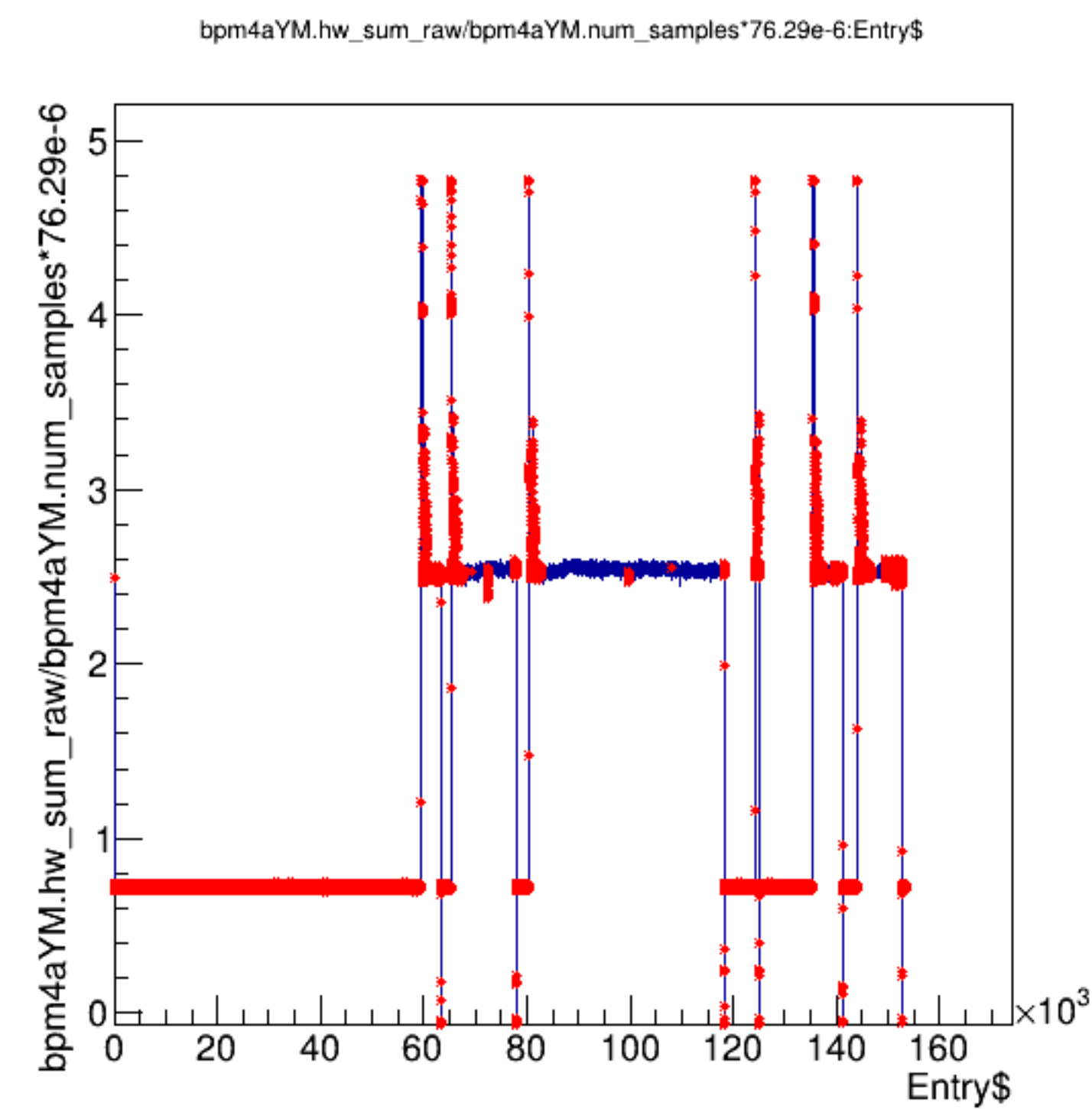
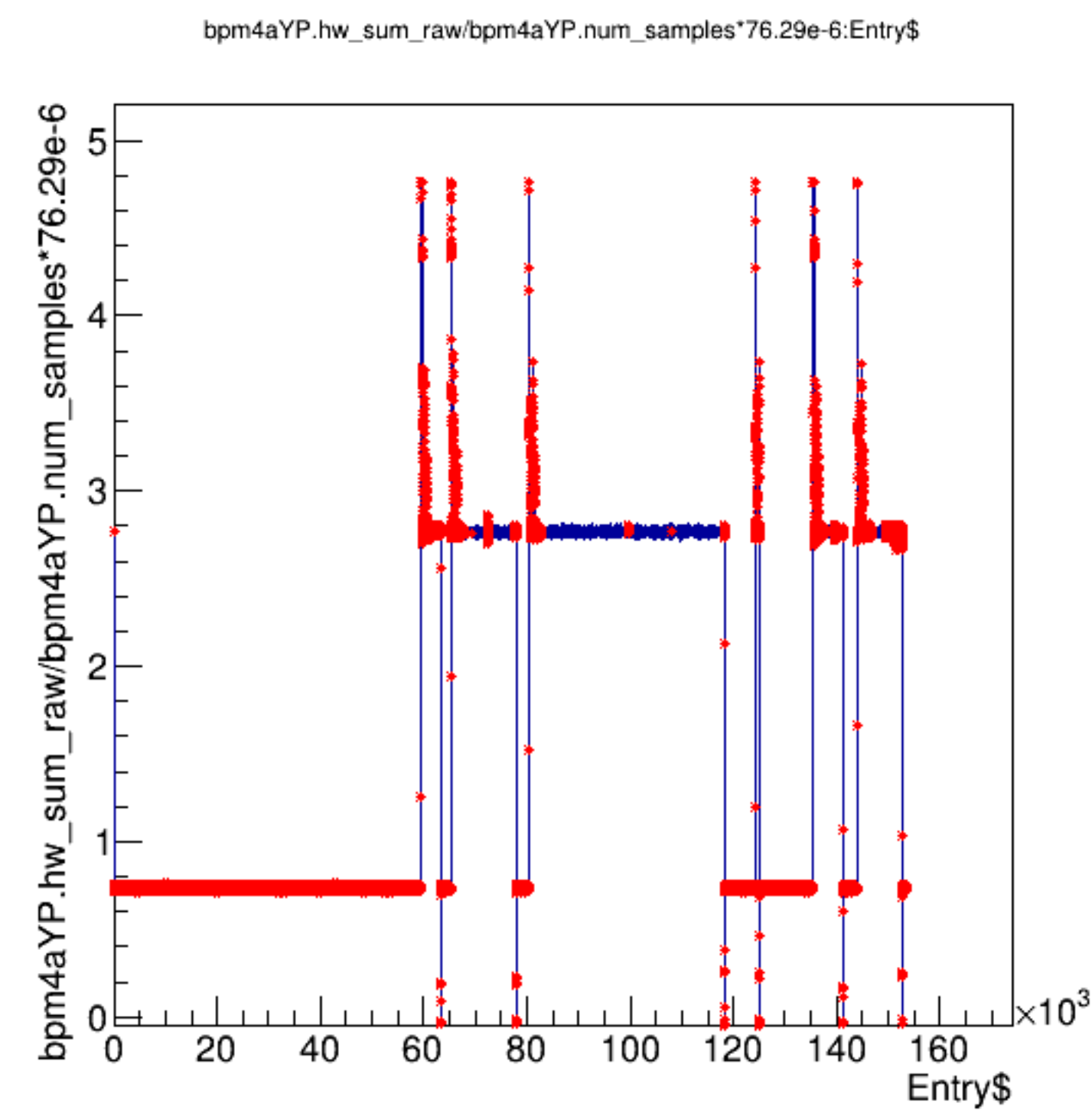
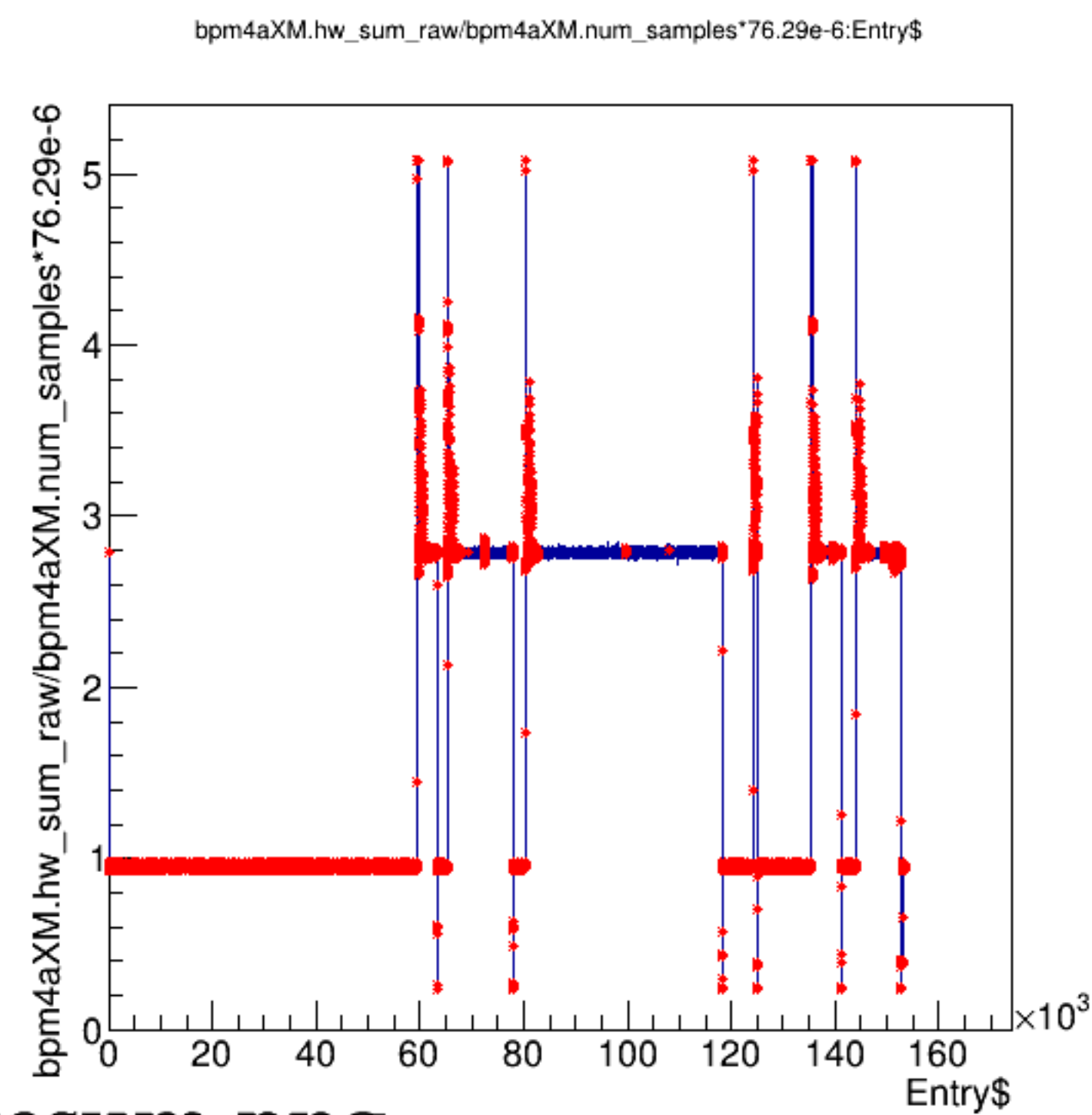
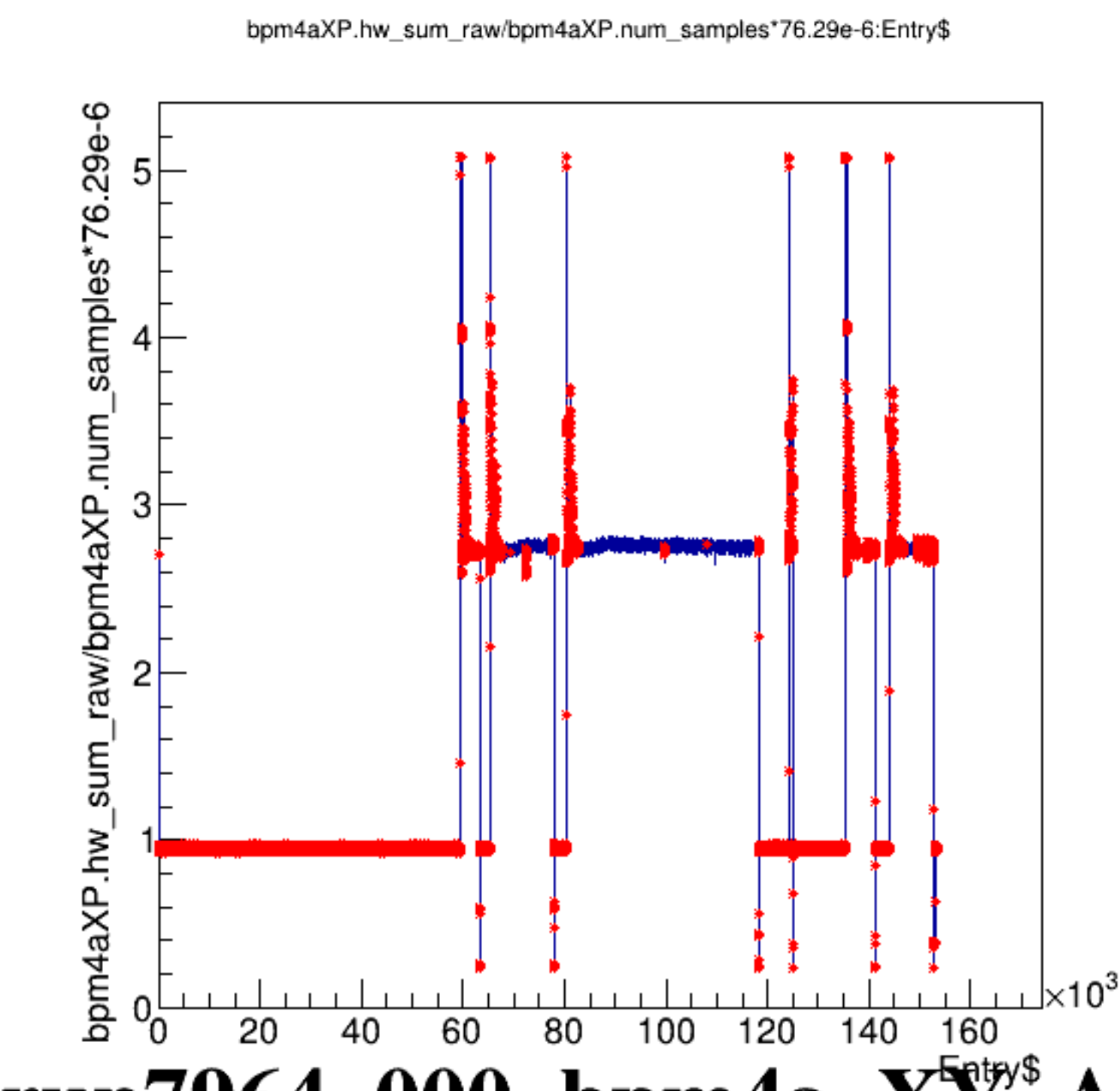
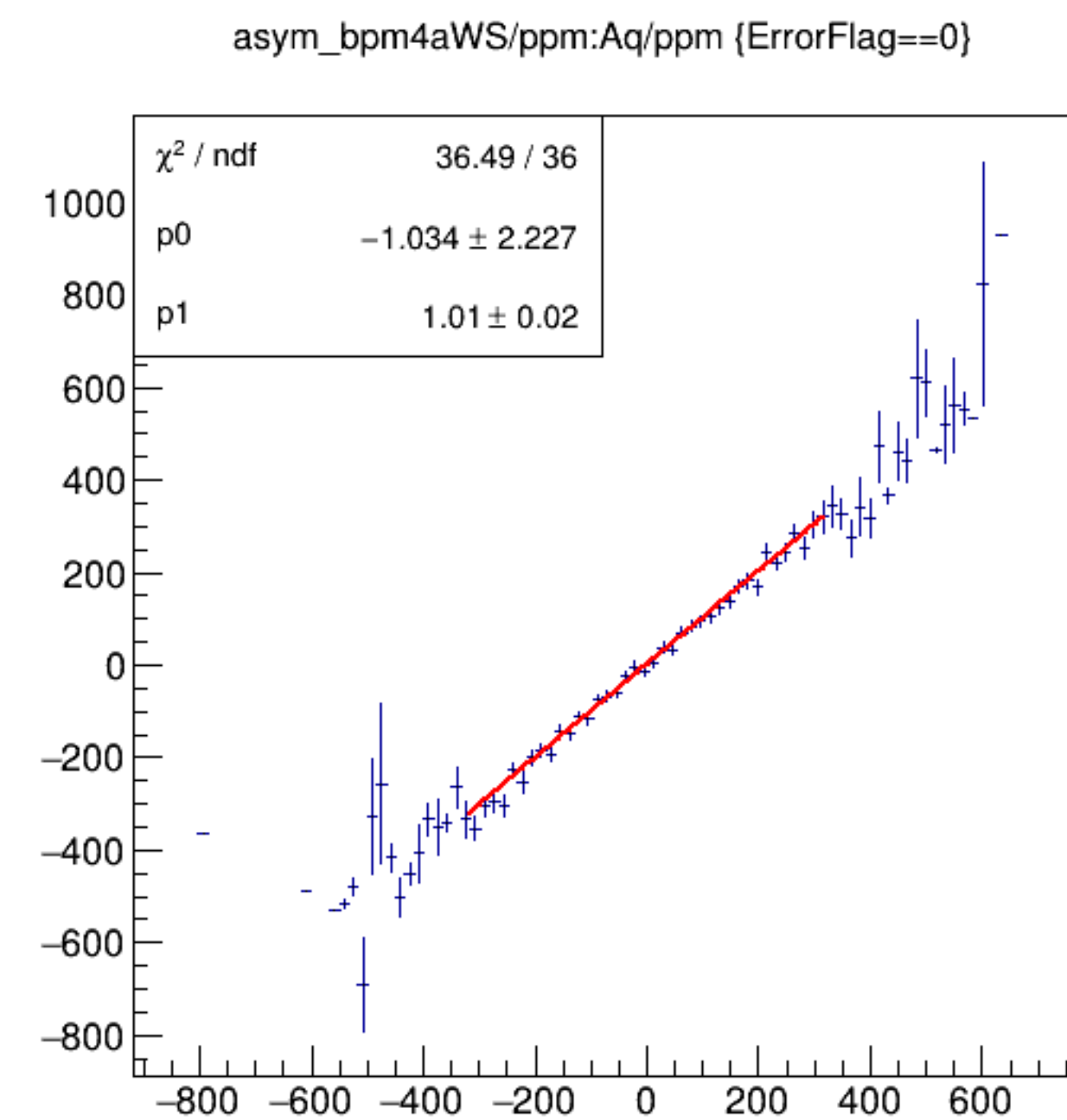
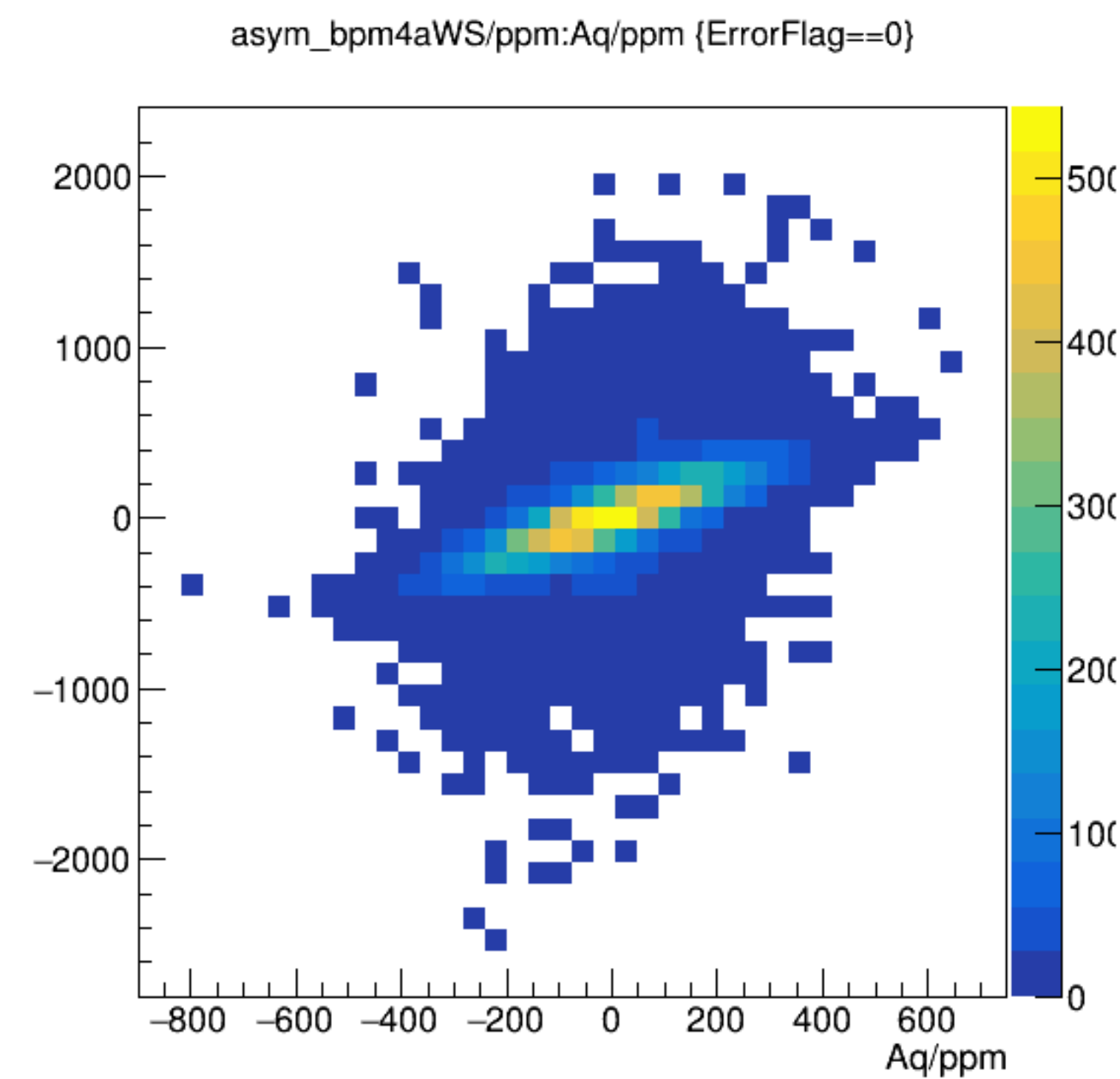
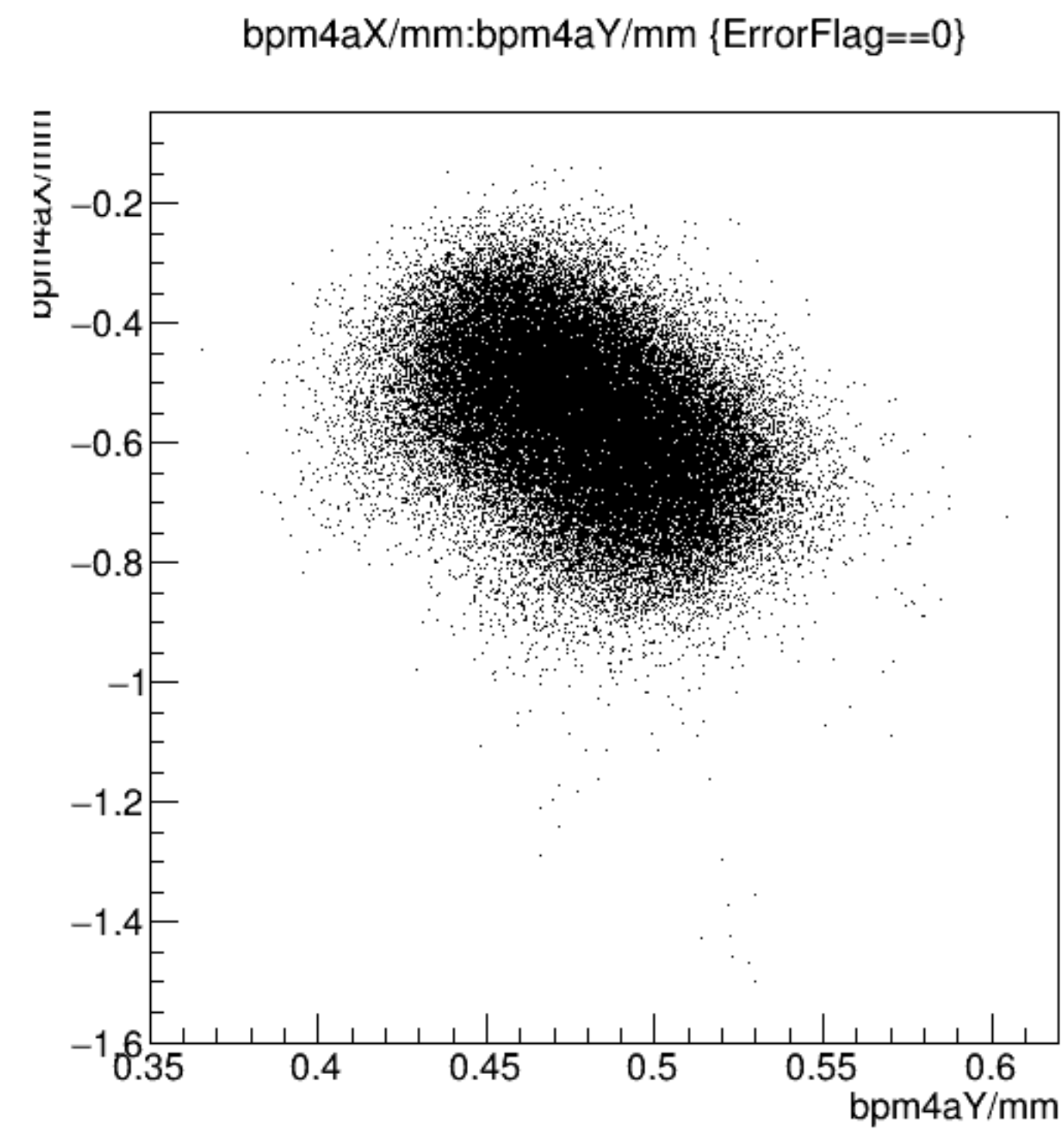
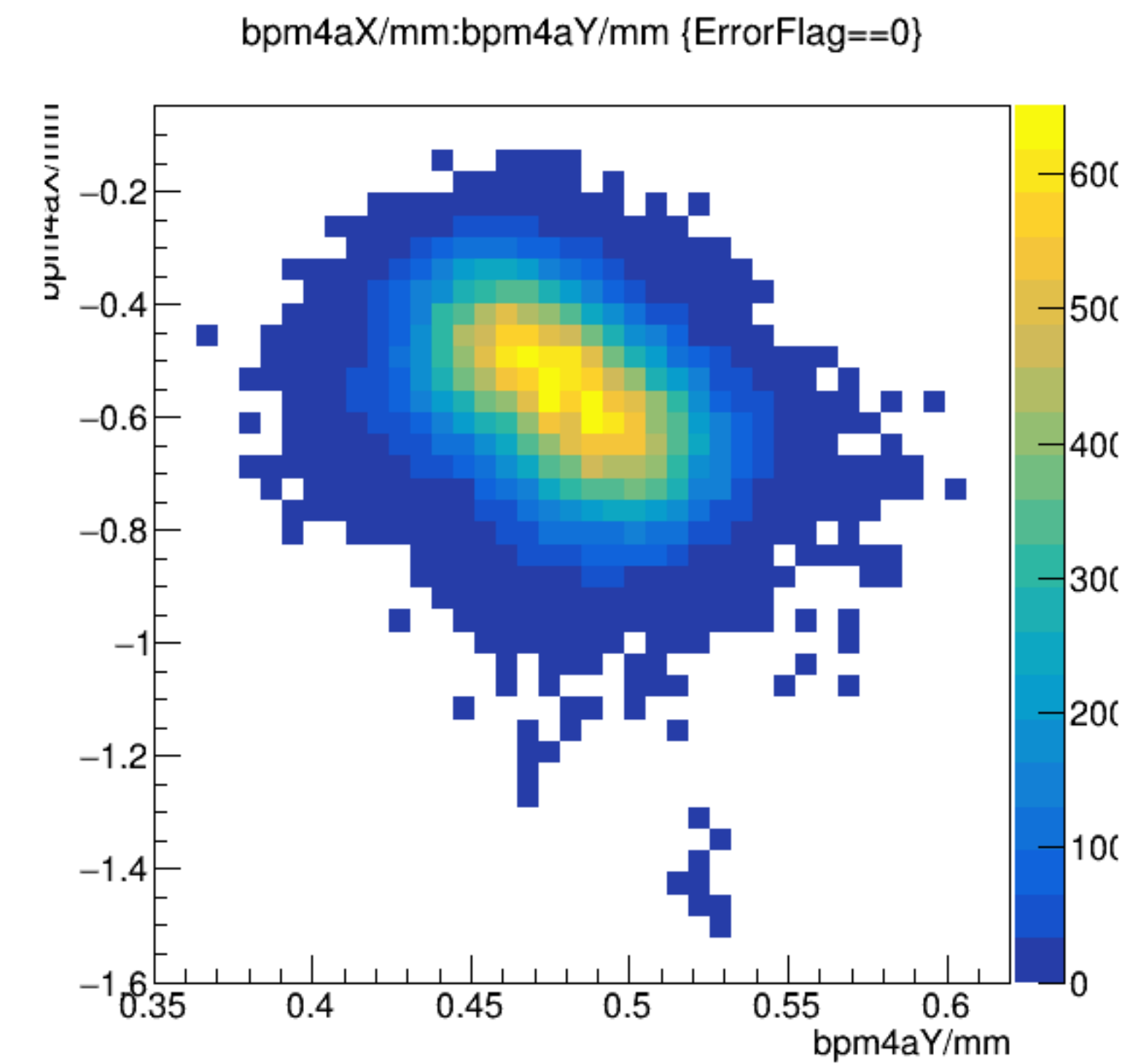
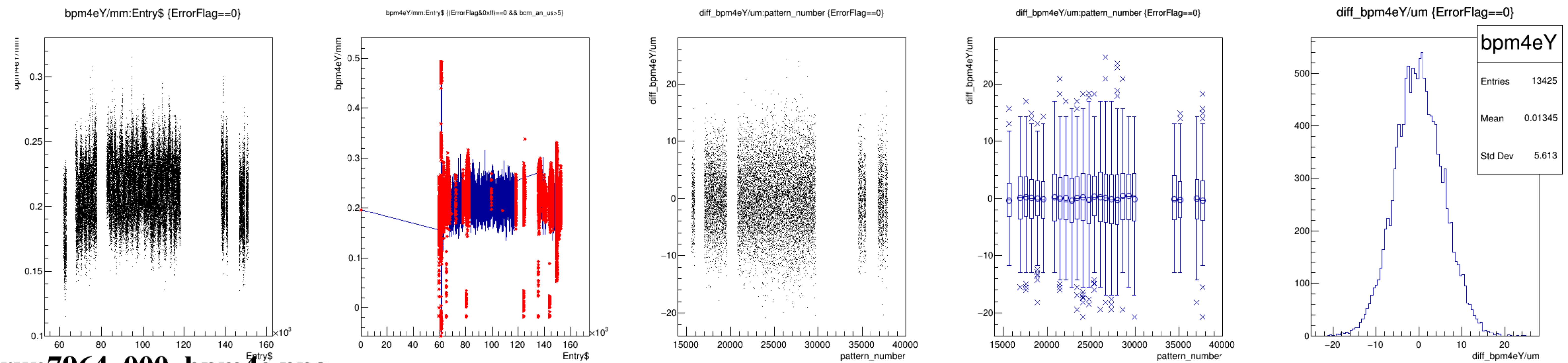
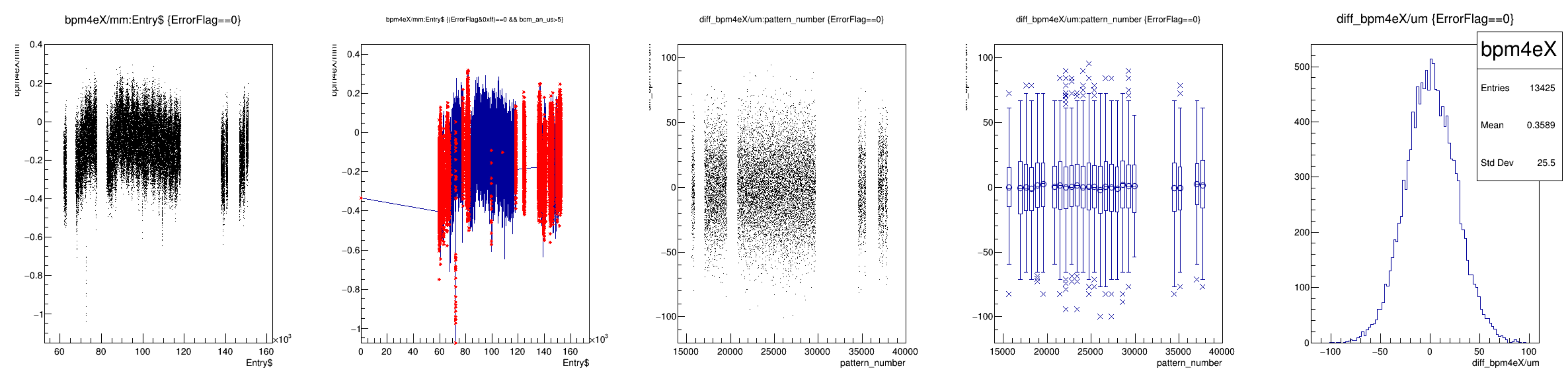
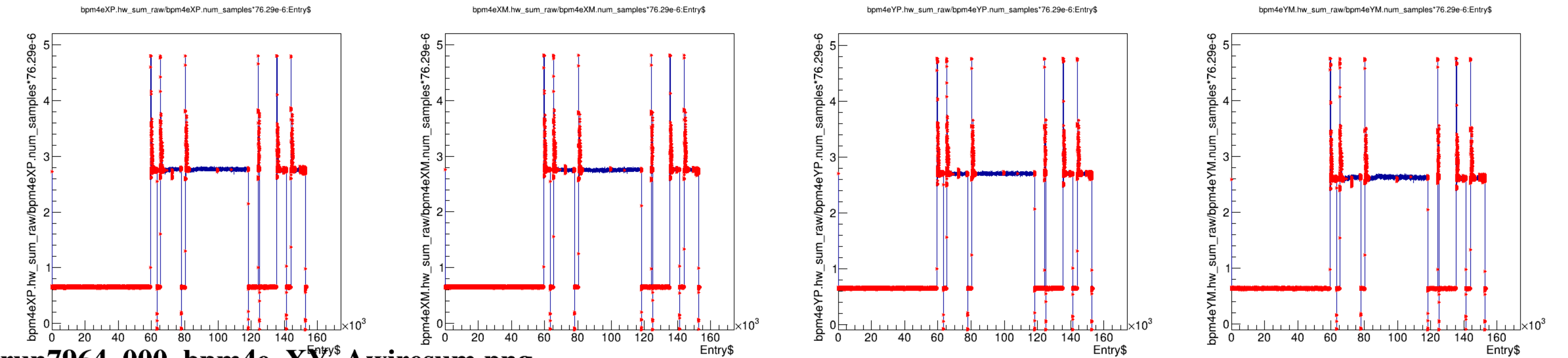
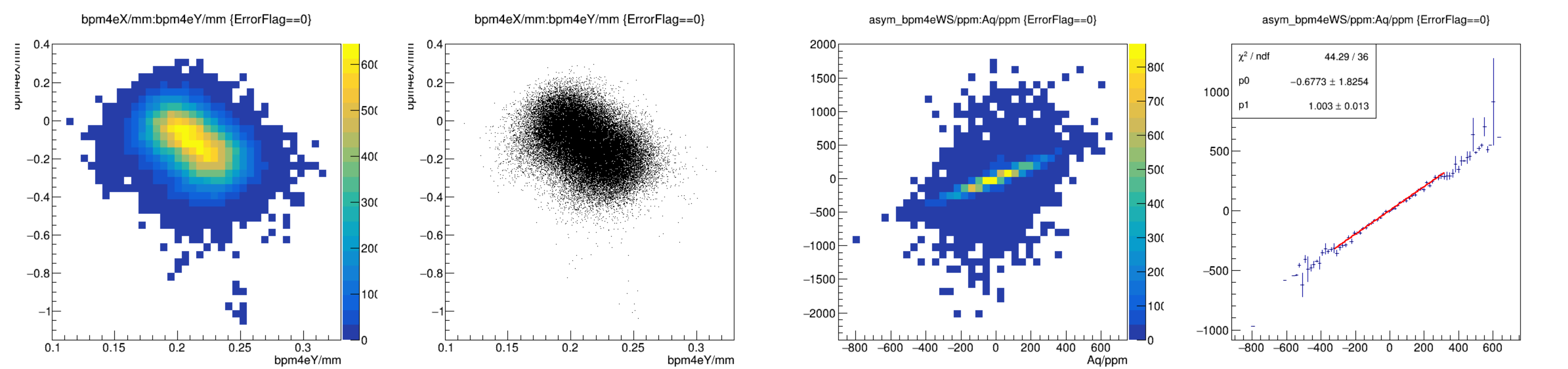




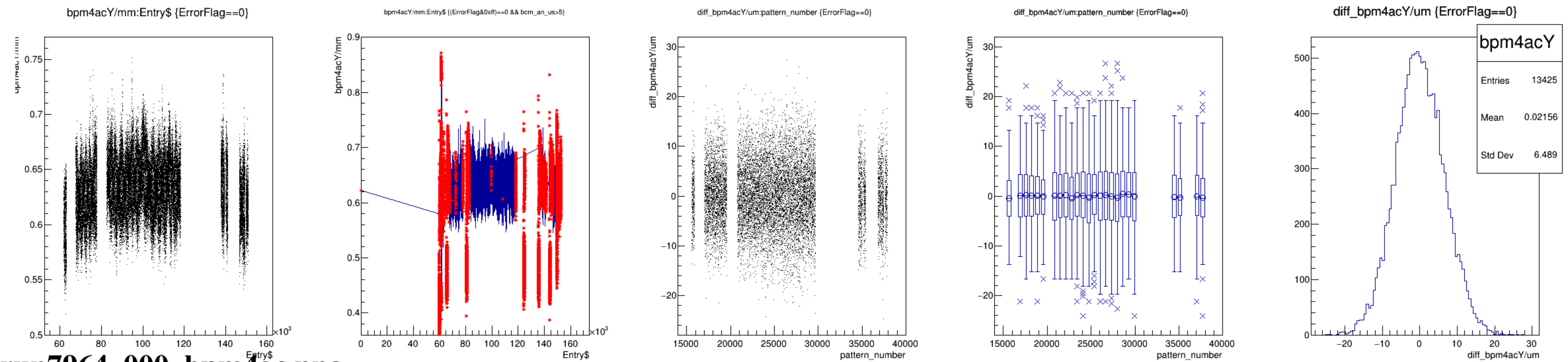
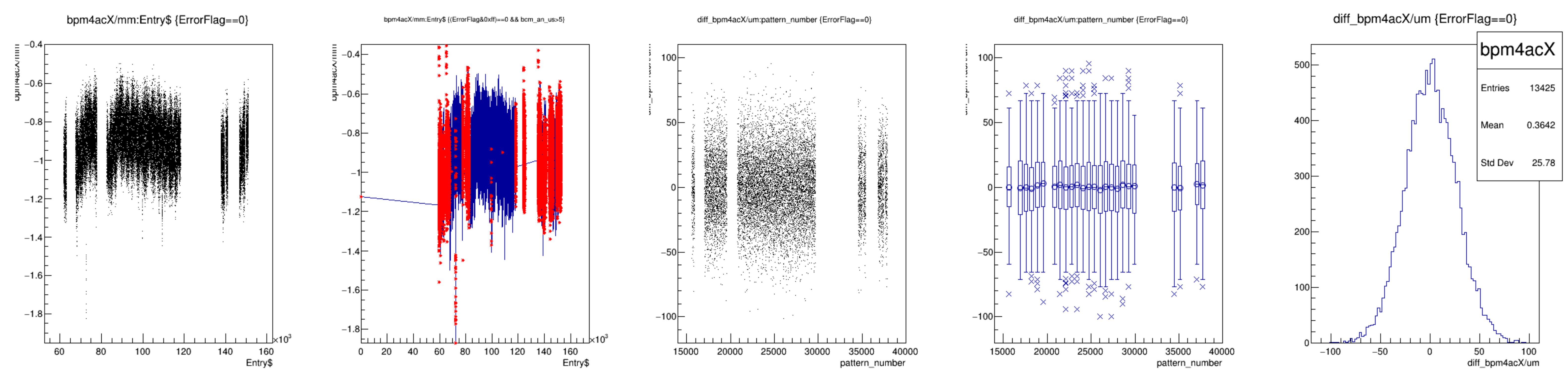


run7964_000_bpm4a_XY_Awiresum.png

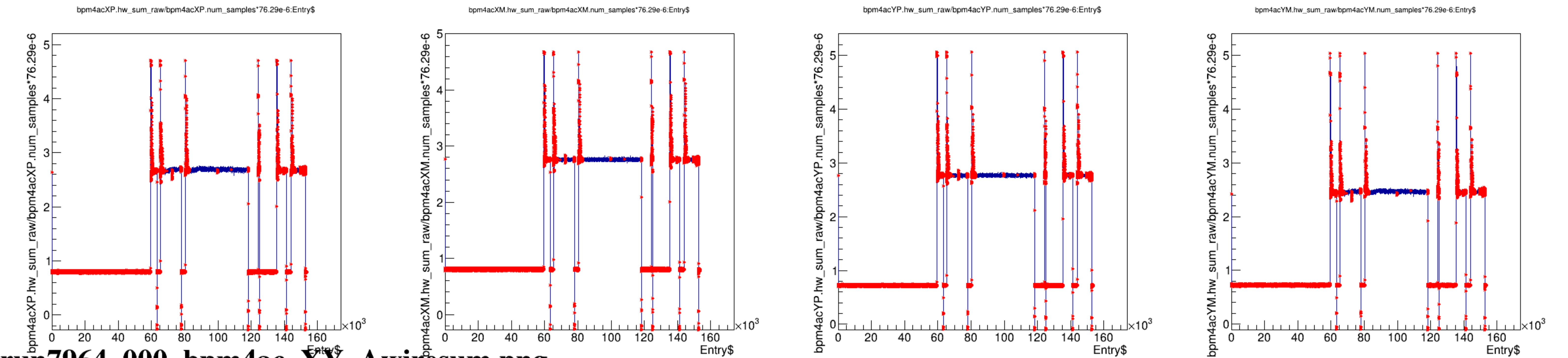
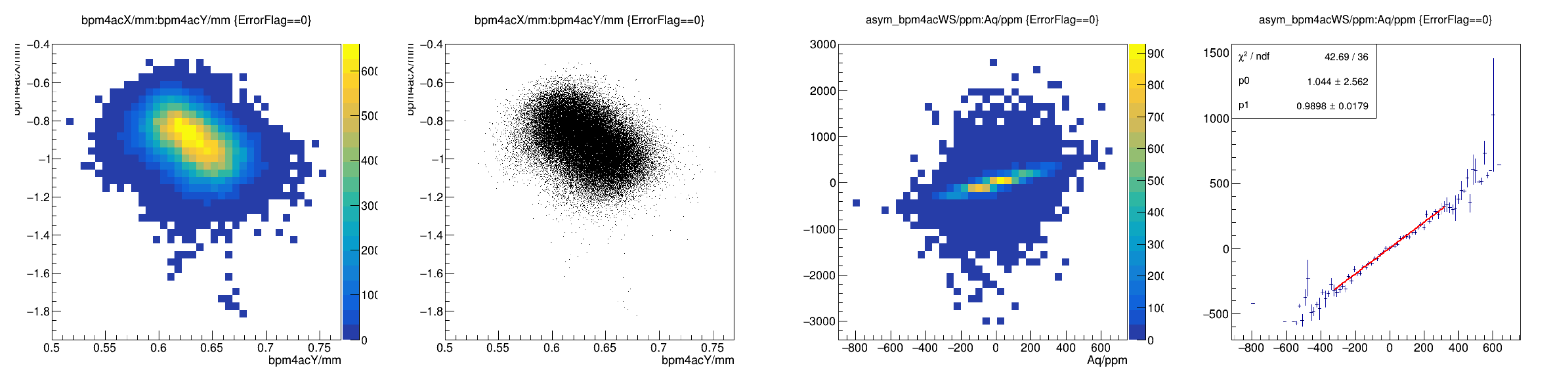


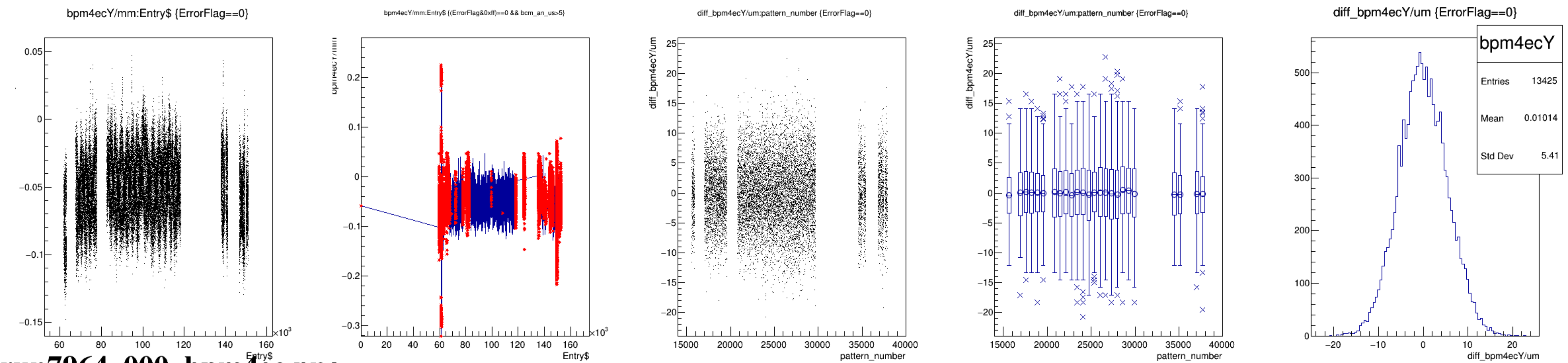
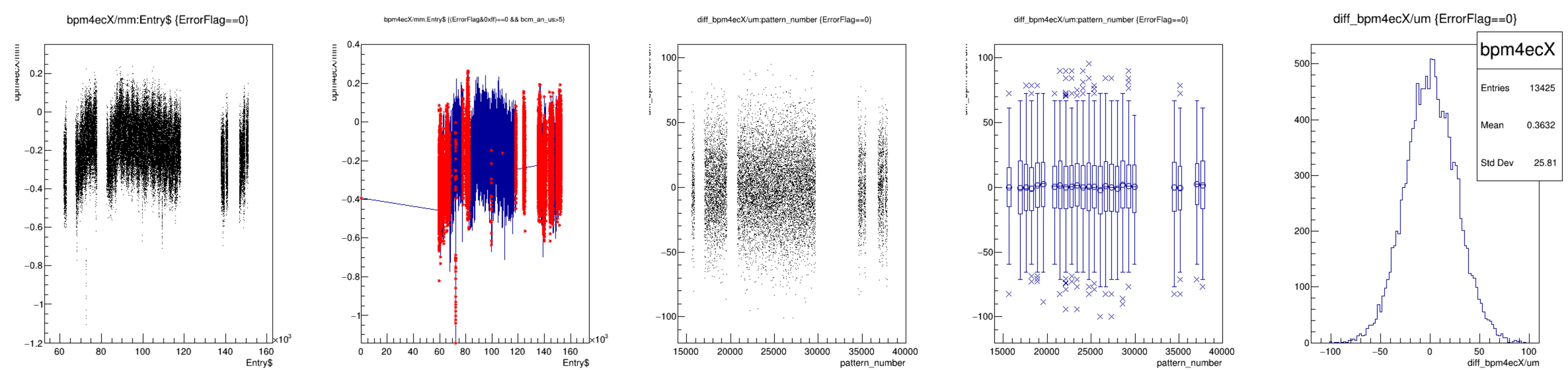


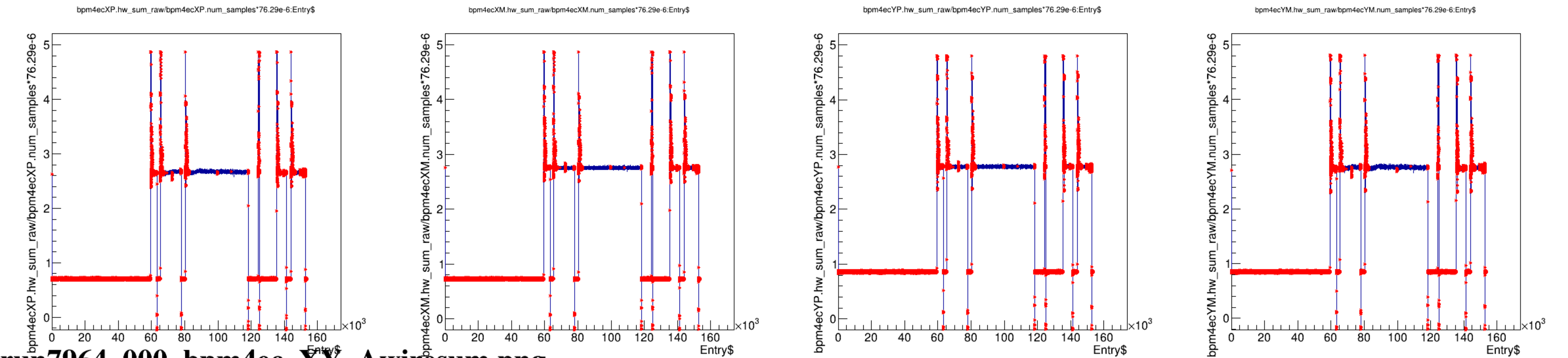
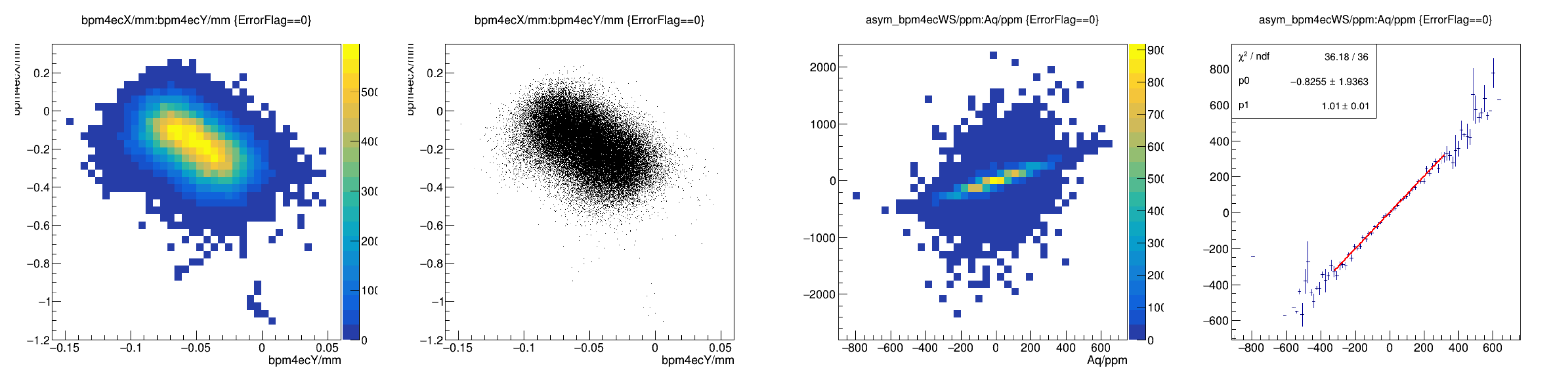
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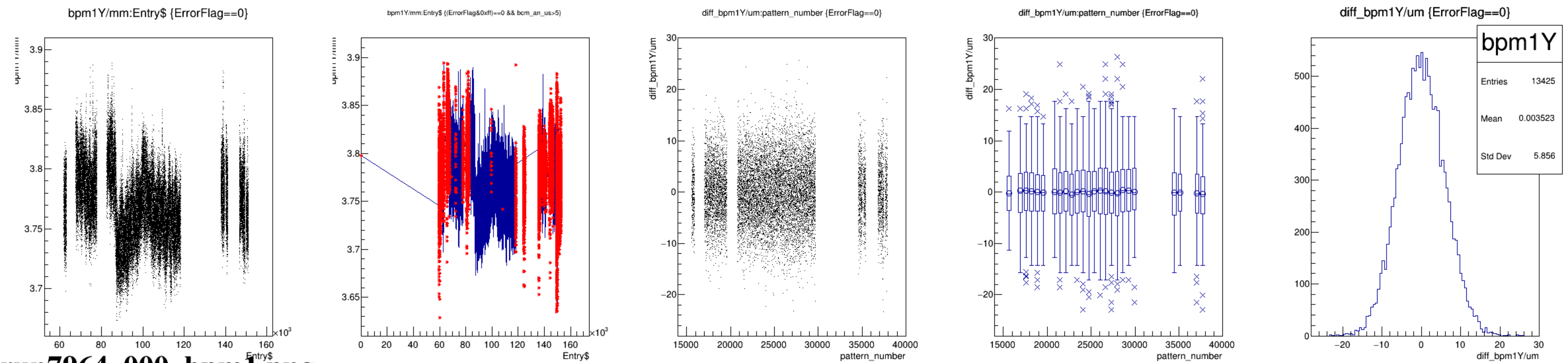
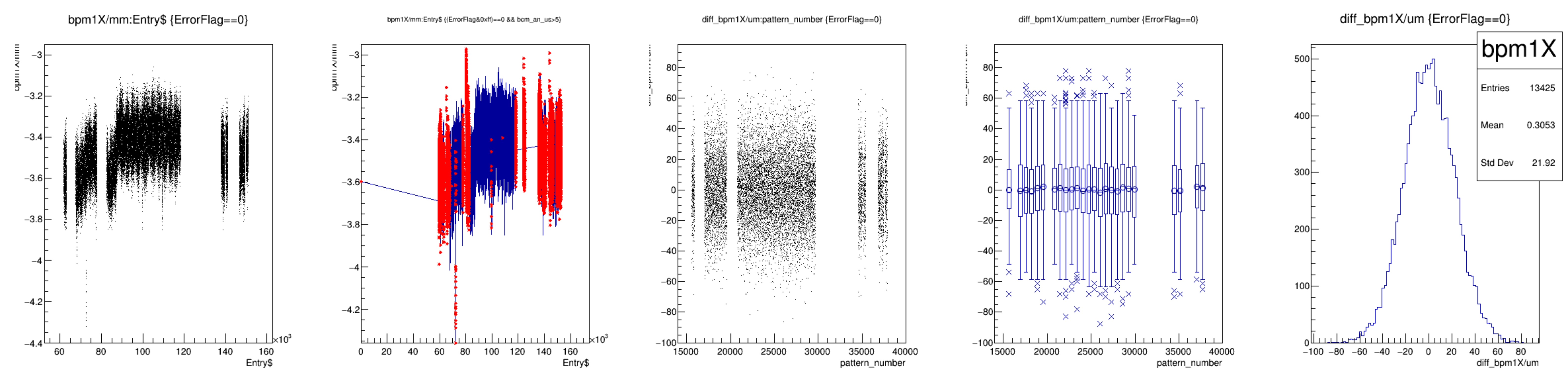
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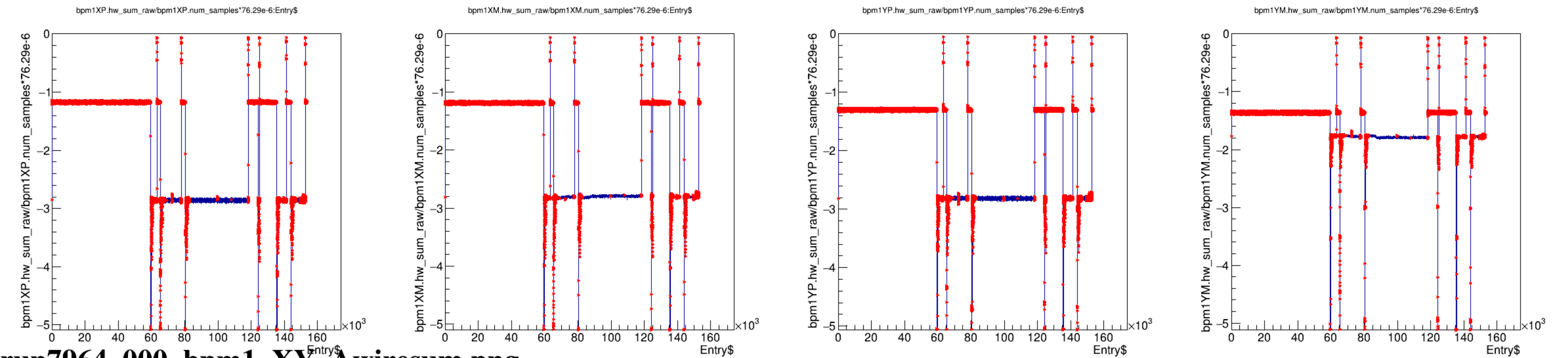
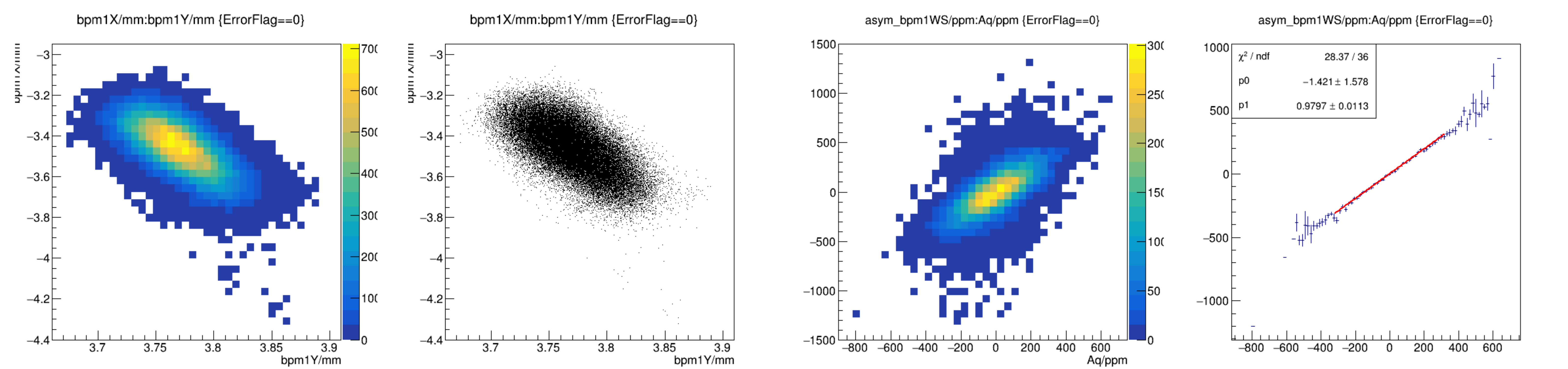




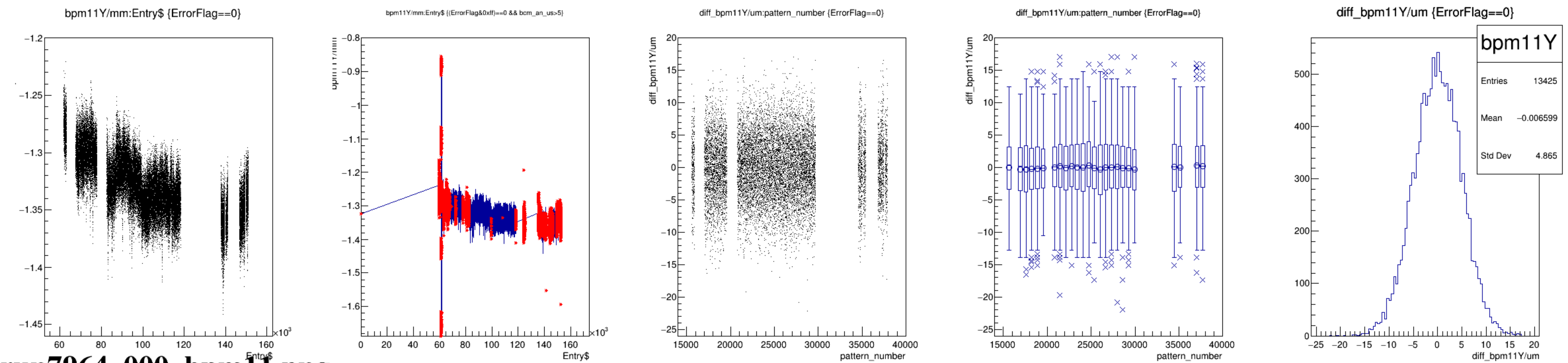
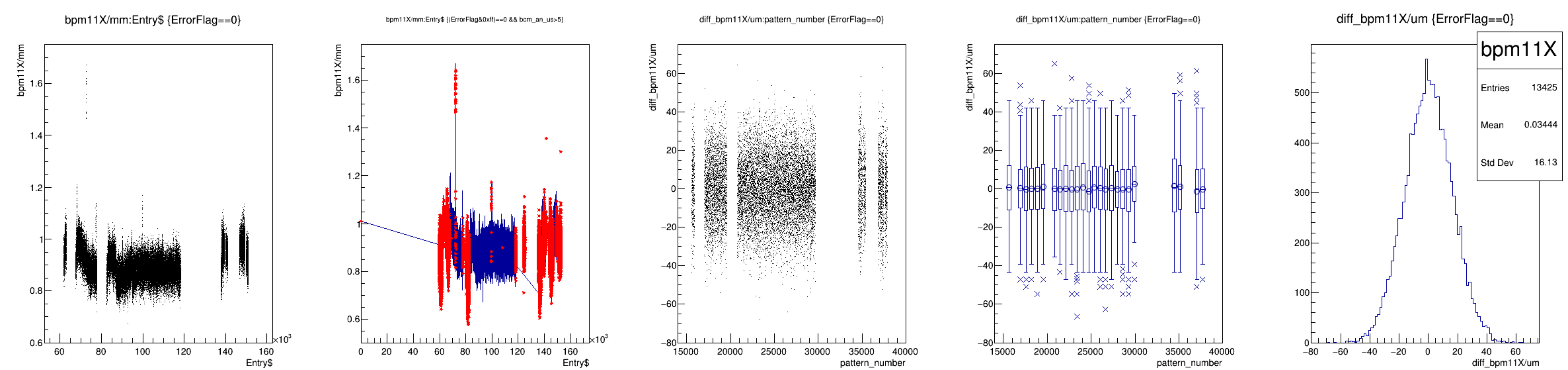


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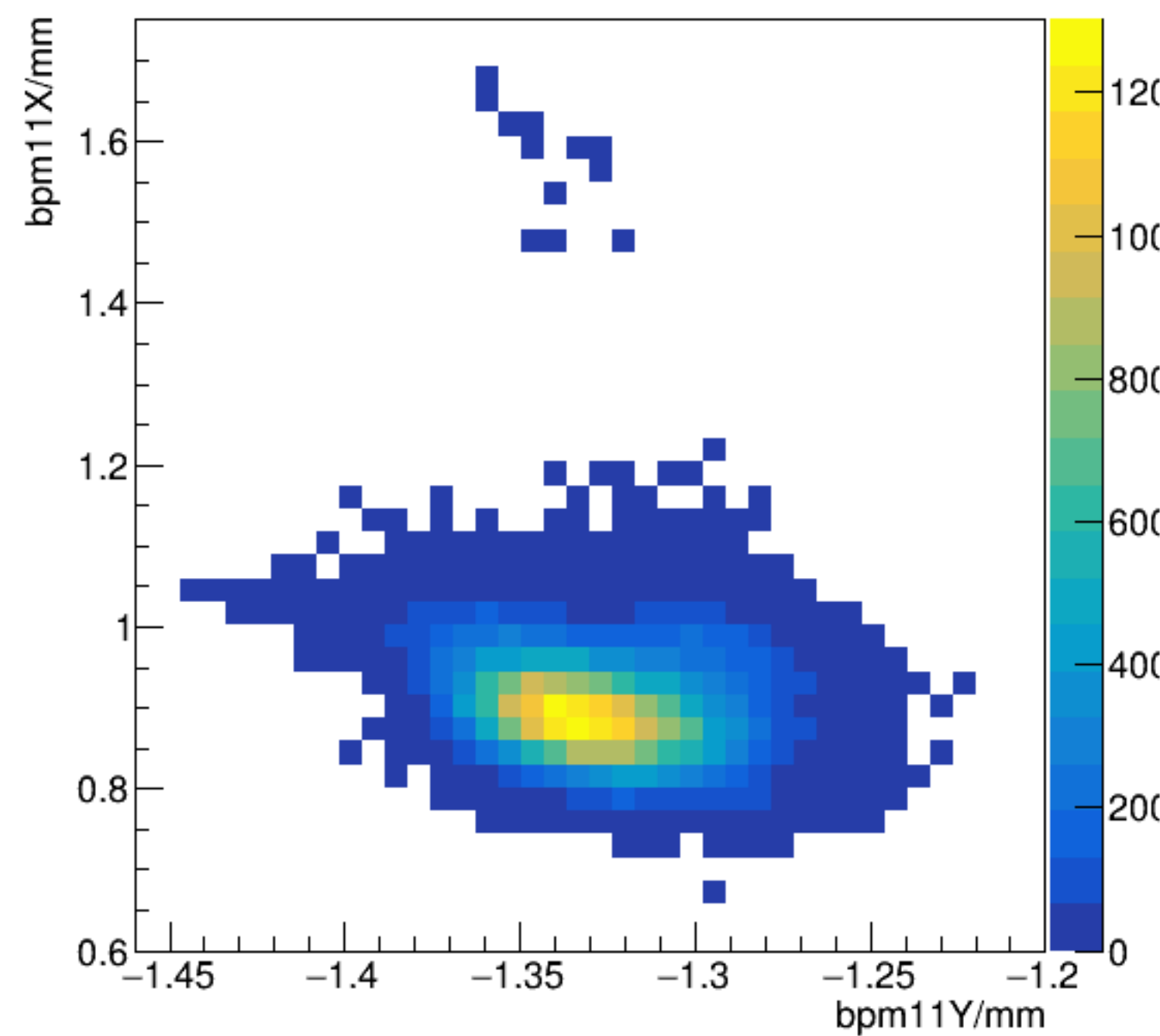




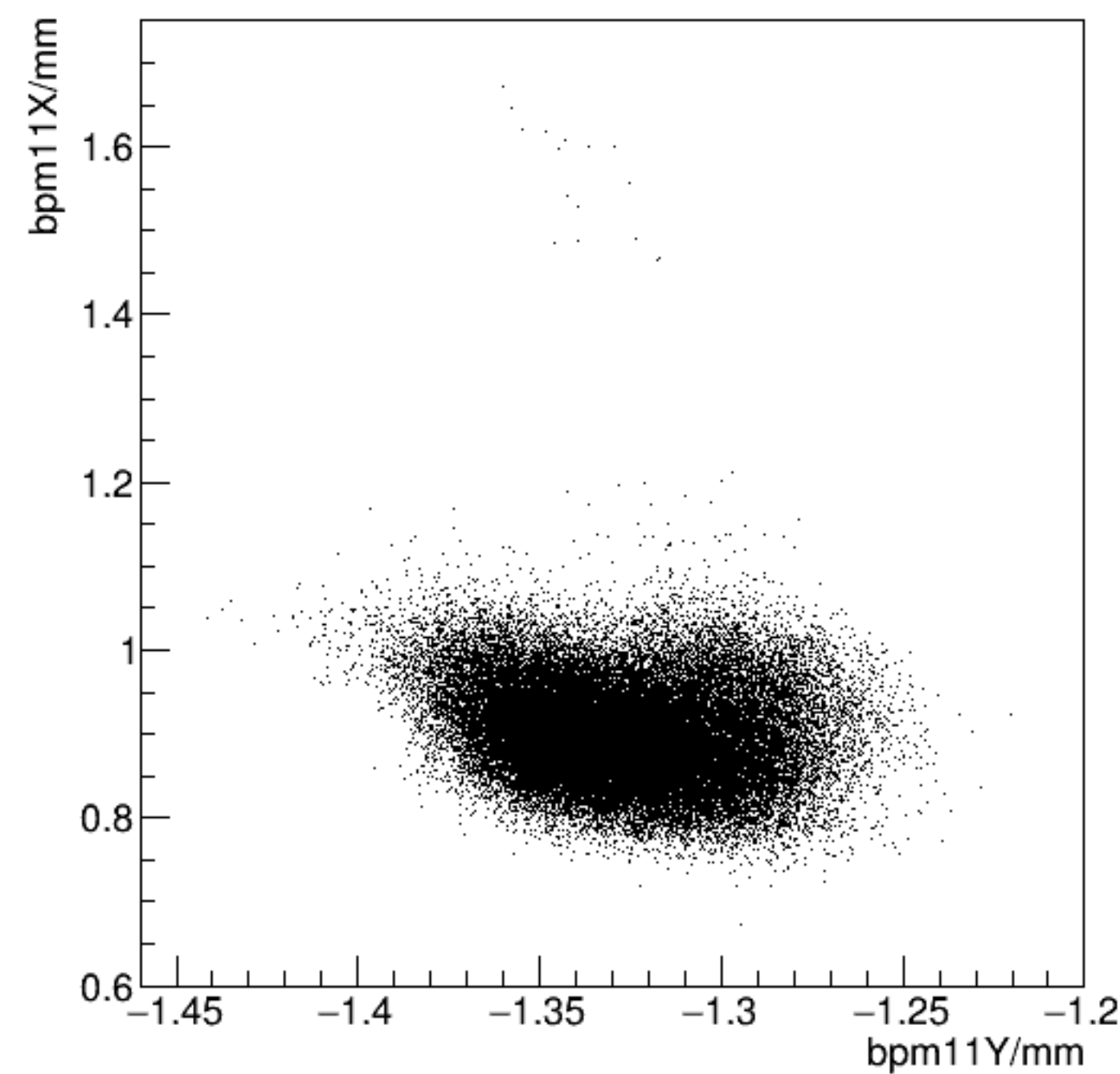
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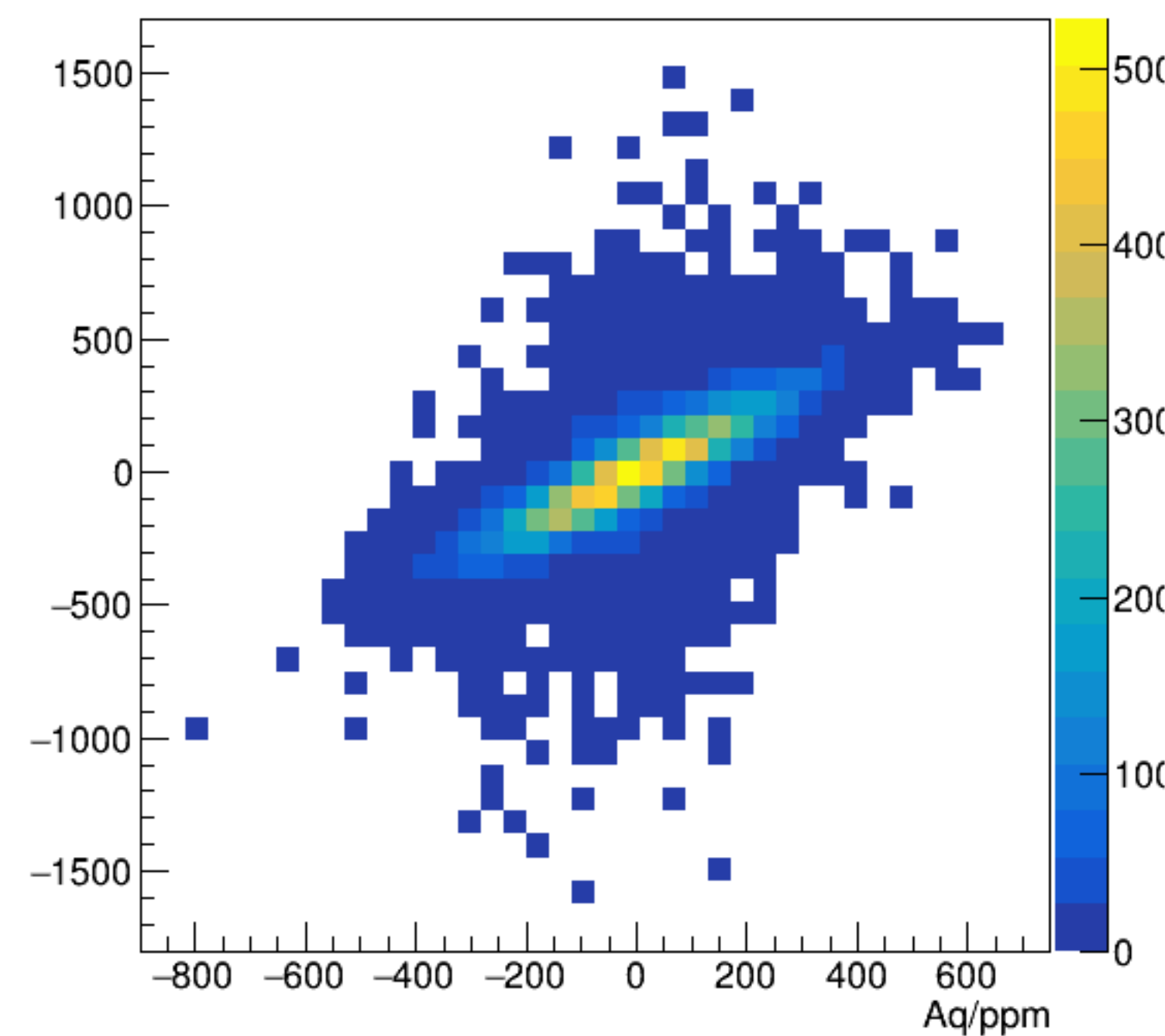
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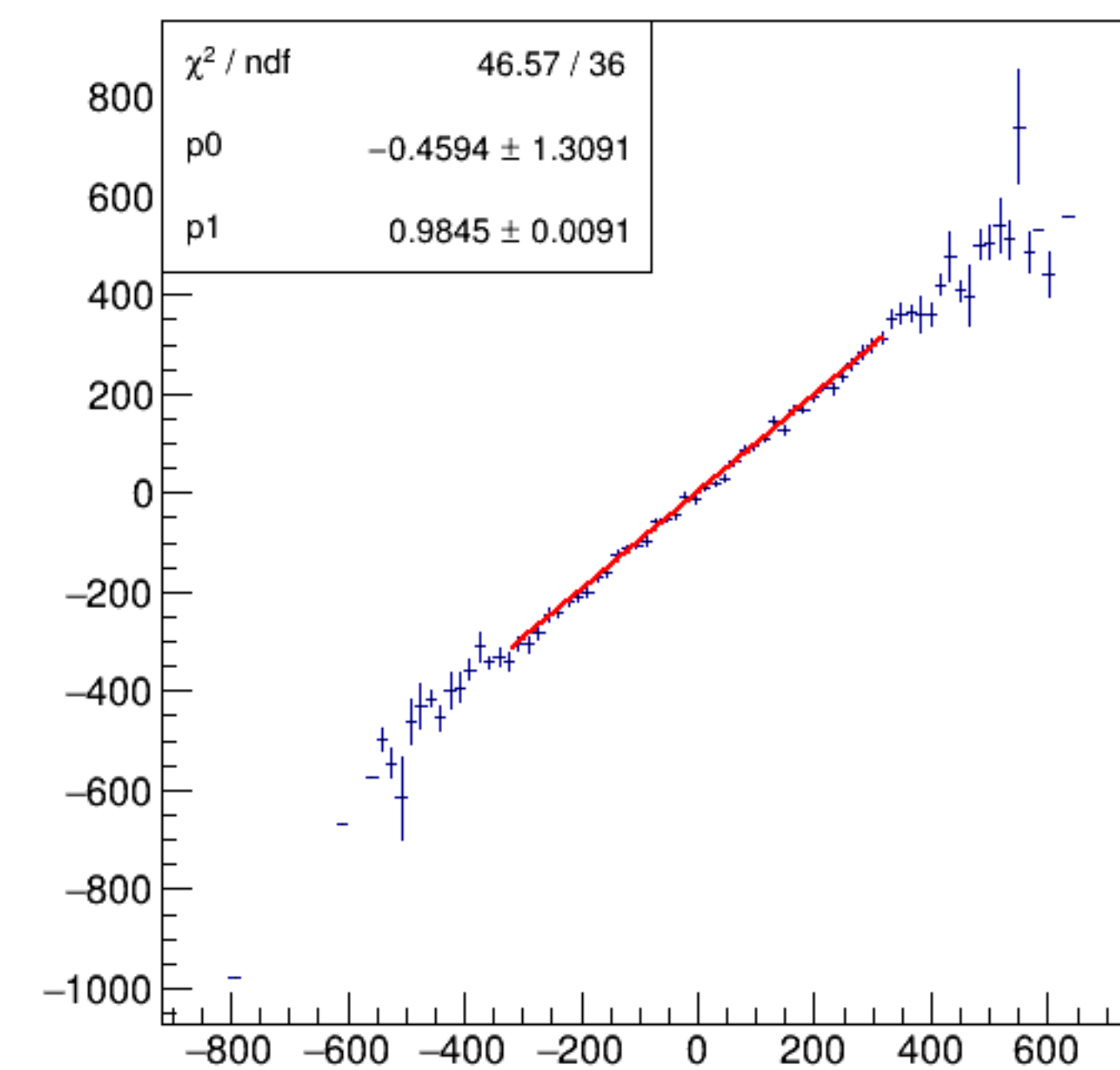
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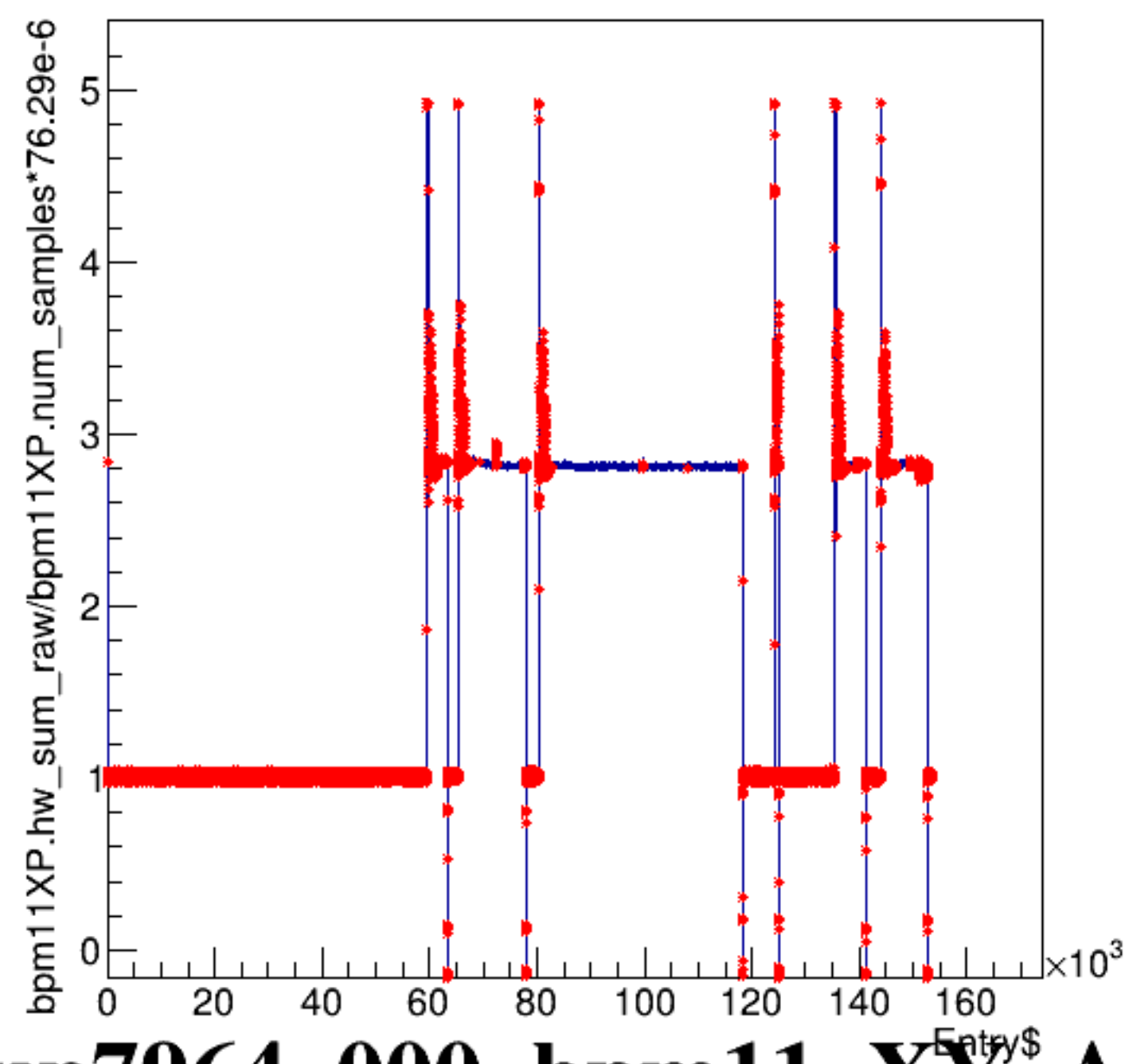
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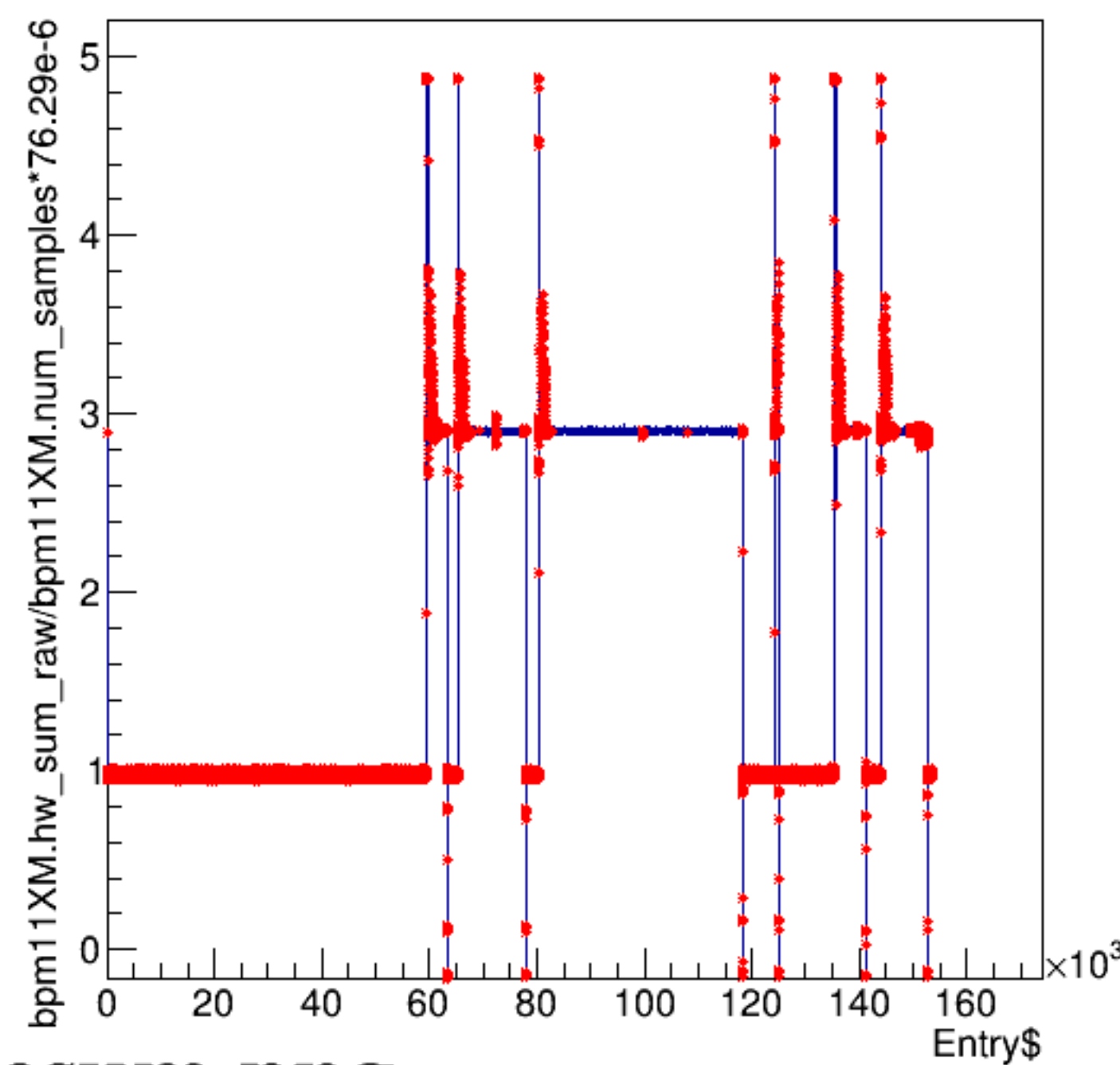
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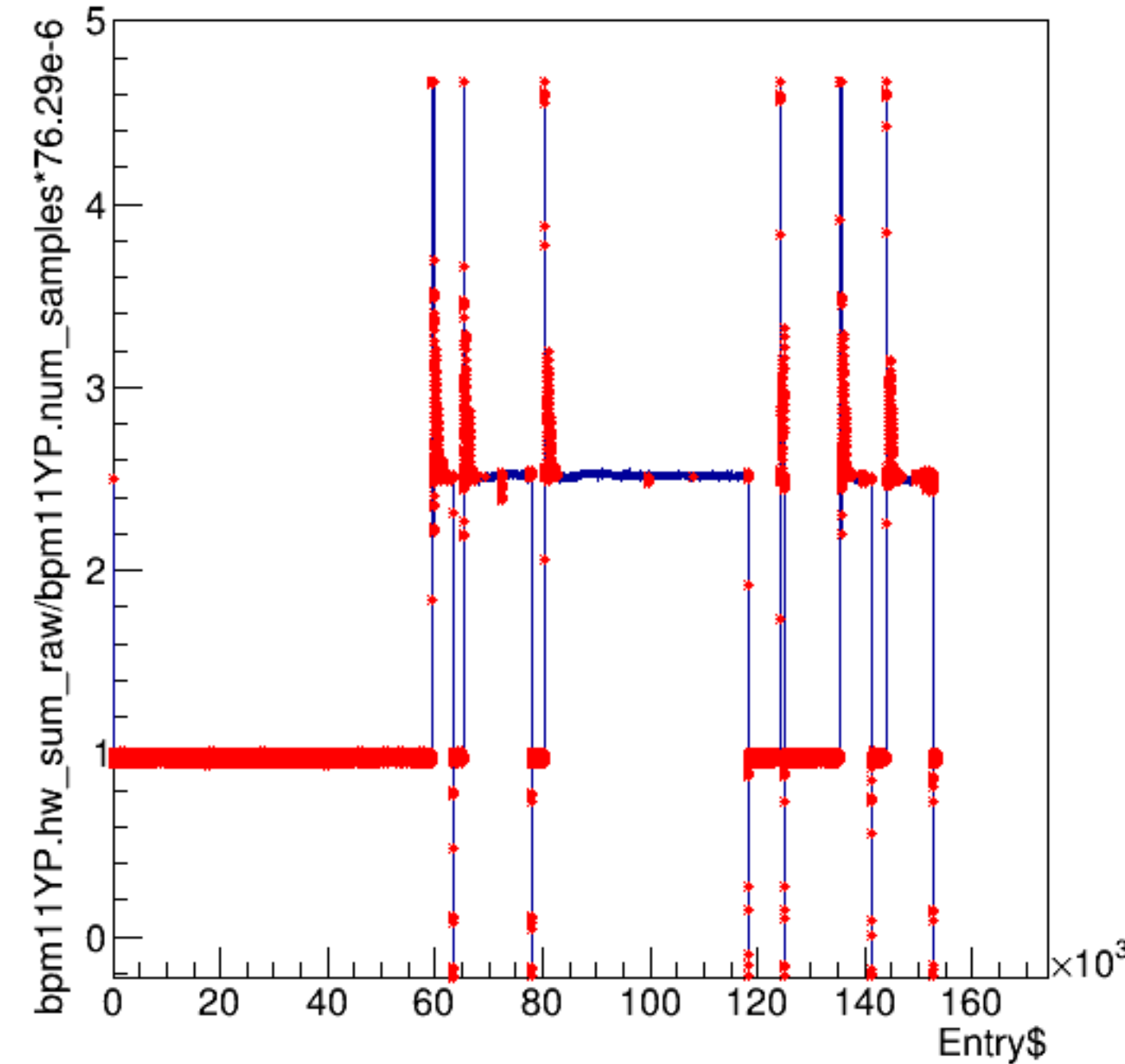
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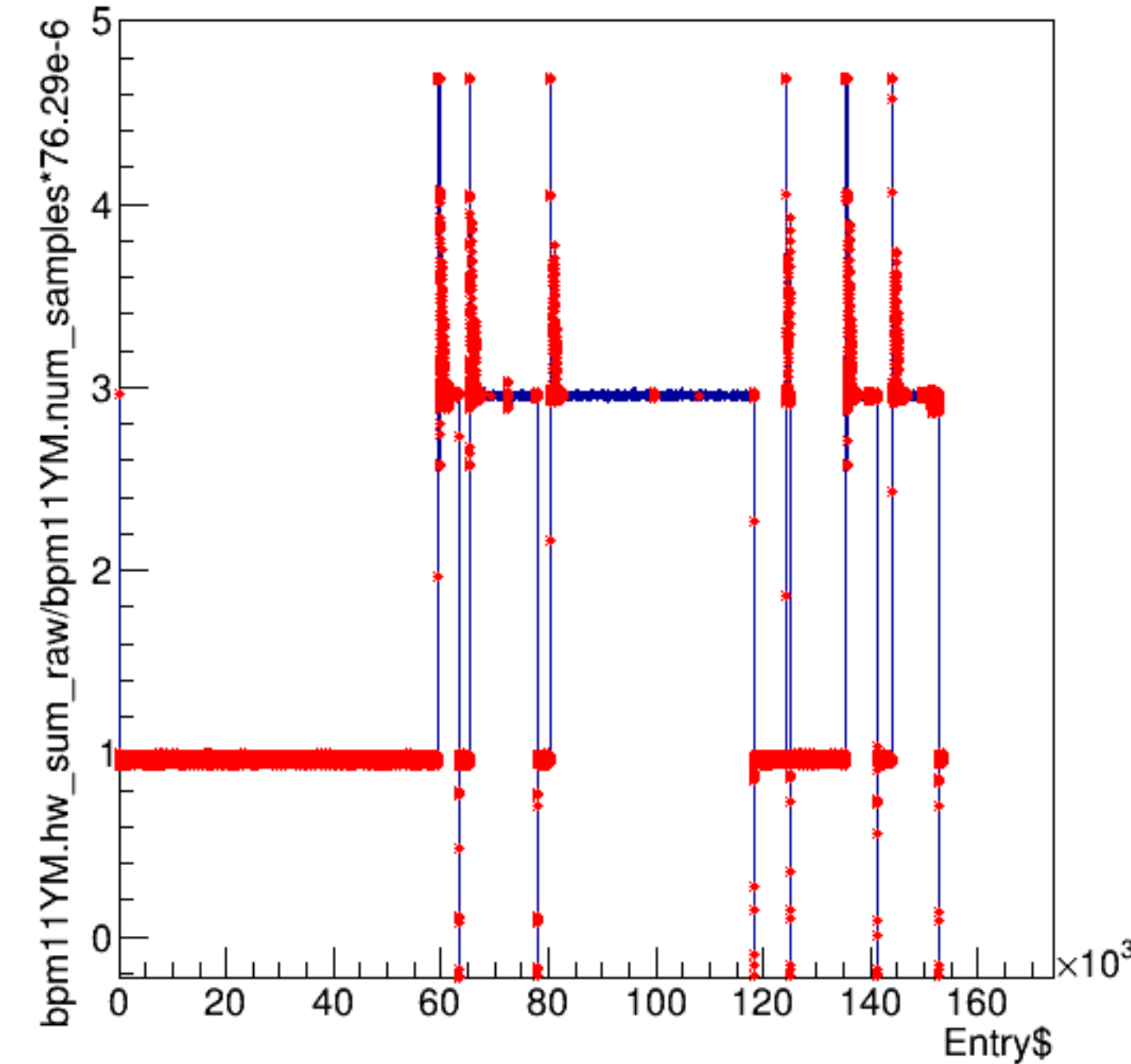
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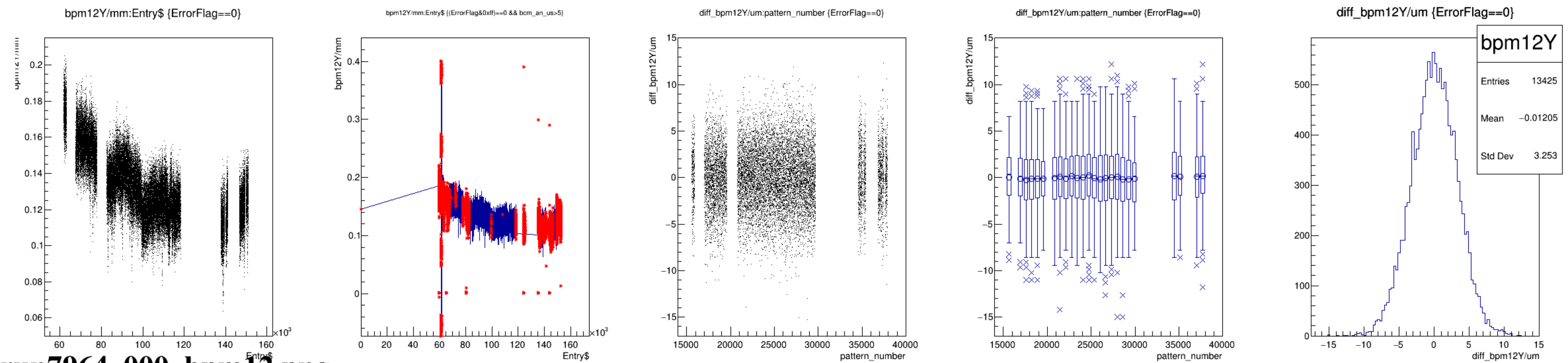
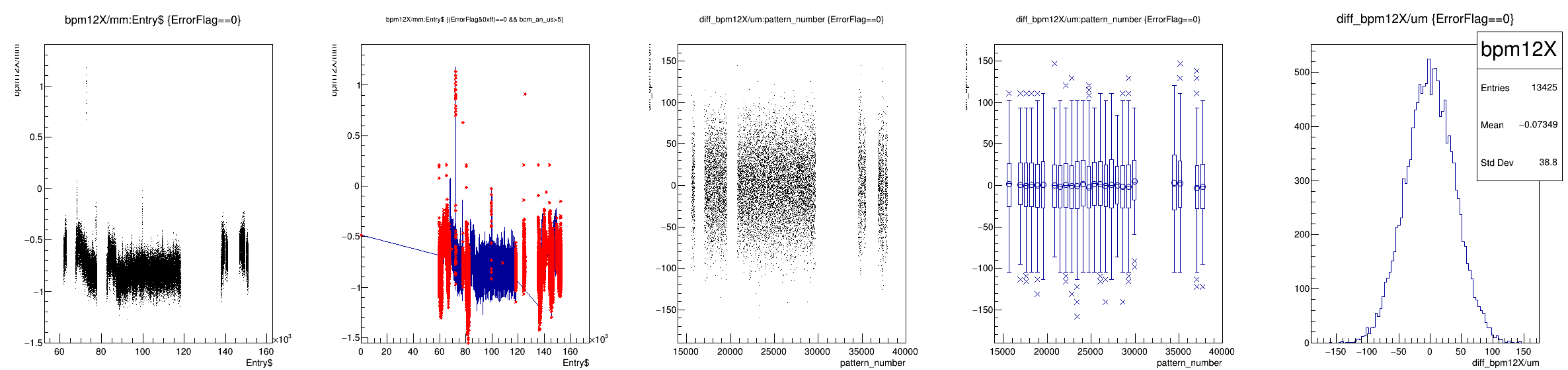


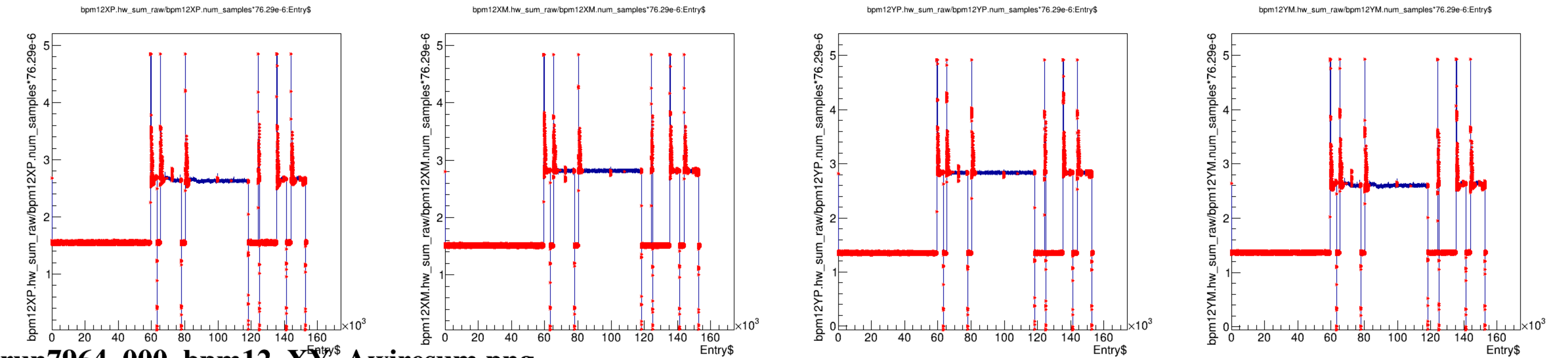
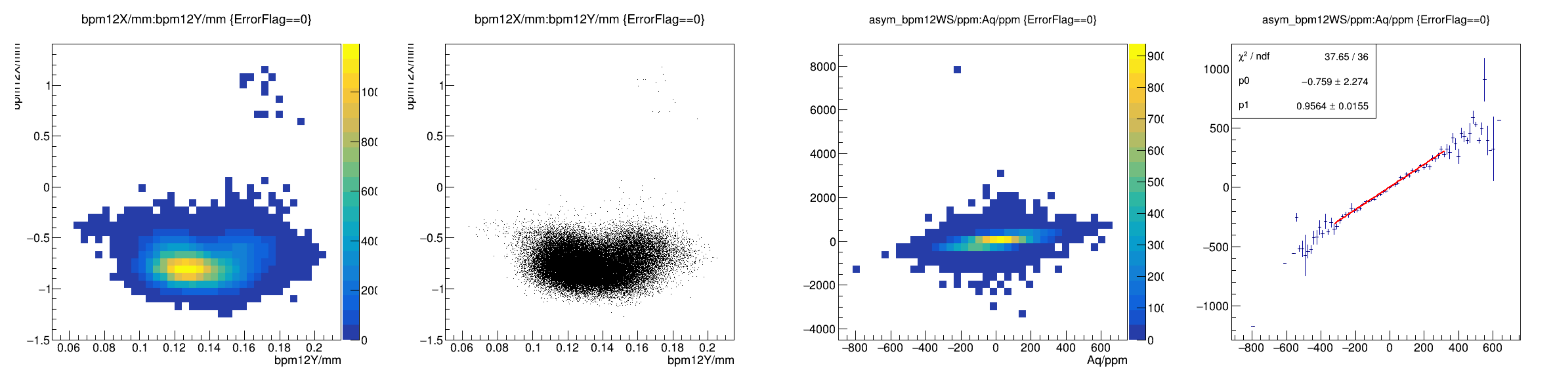
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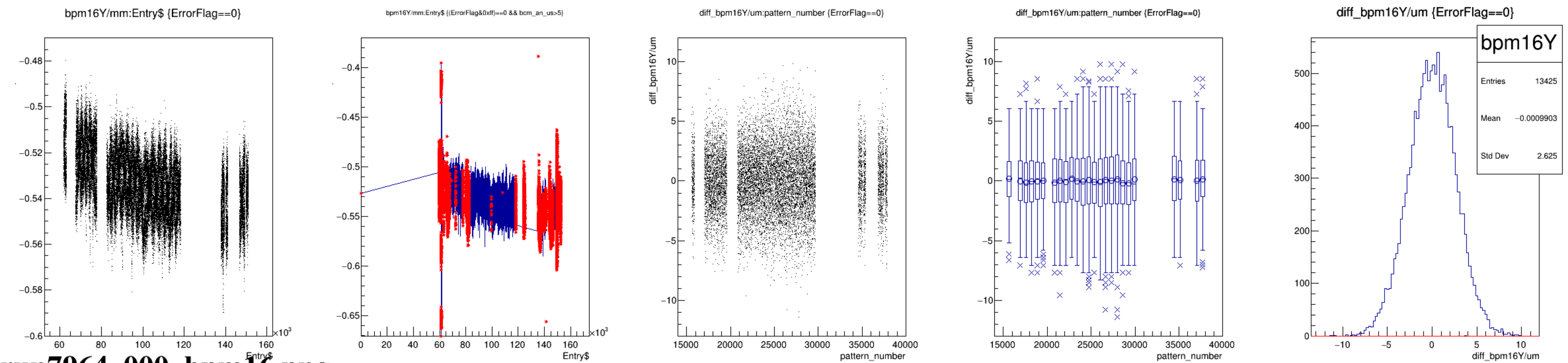
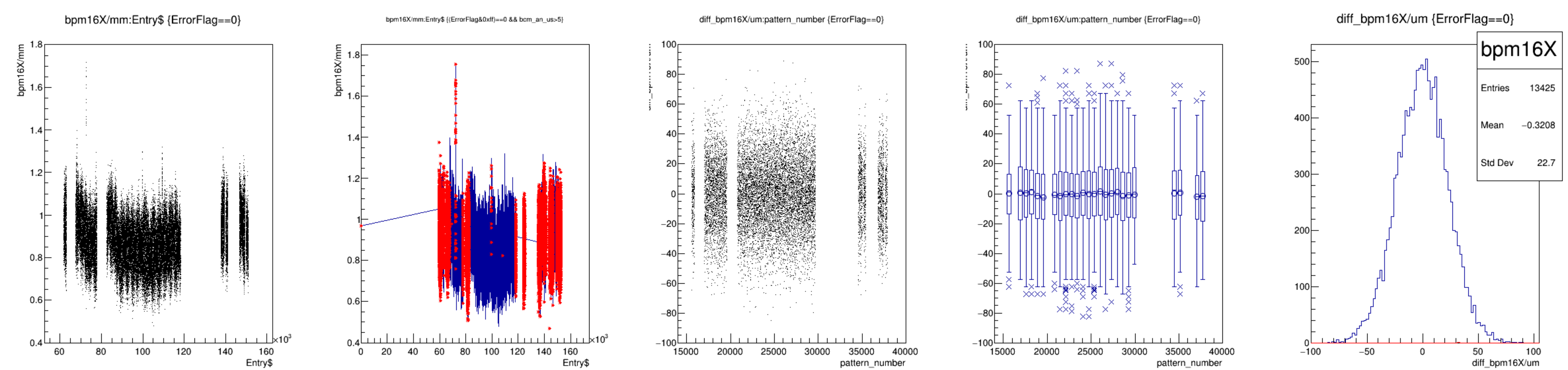
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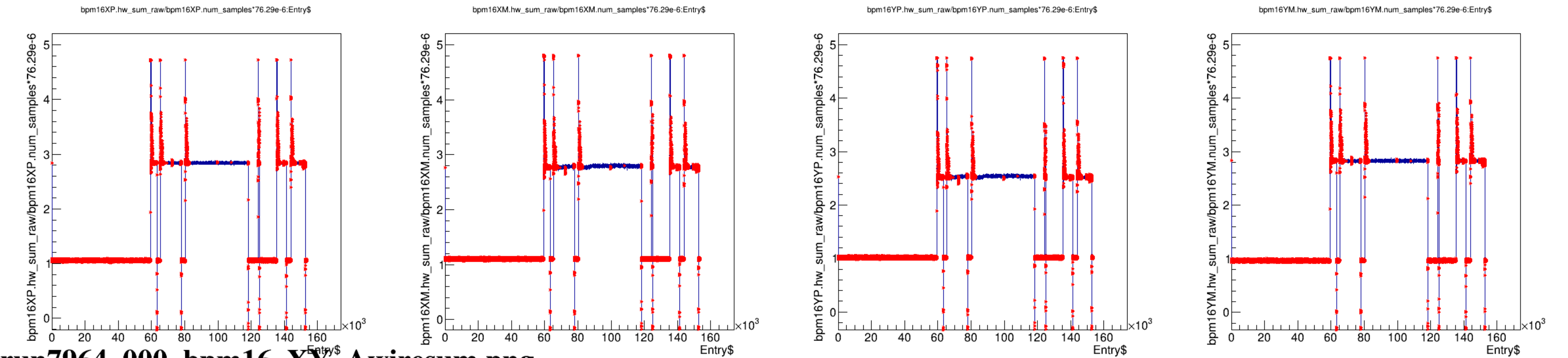
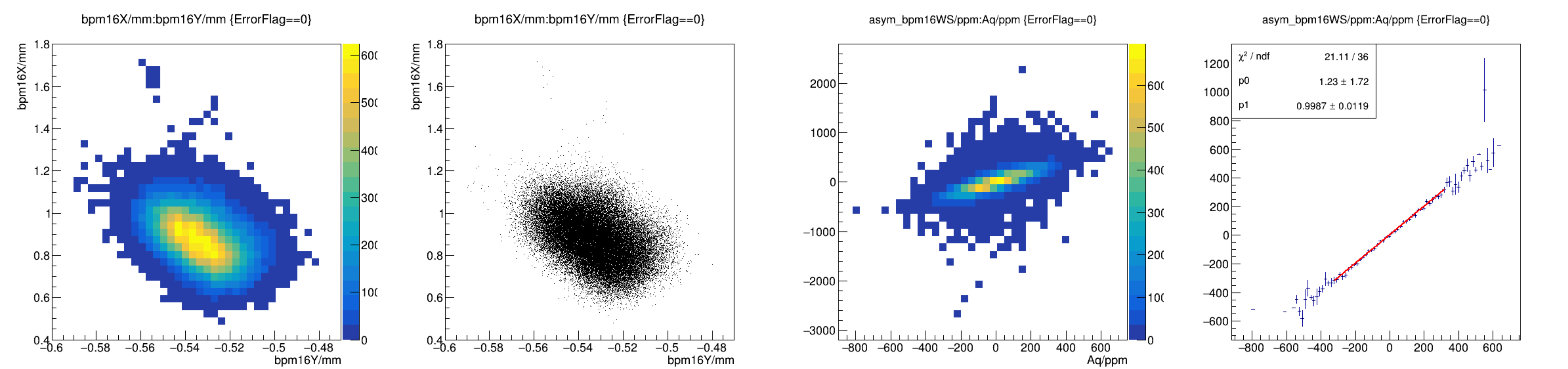




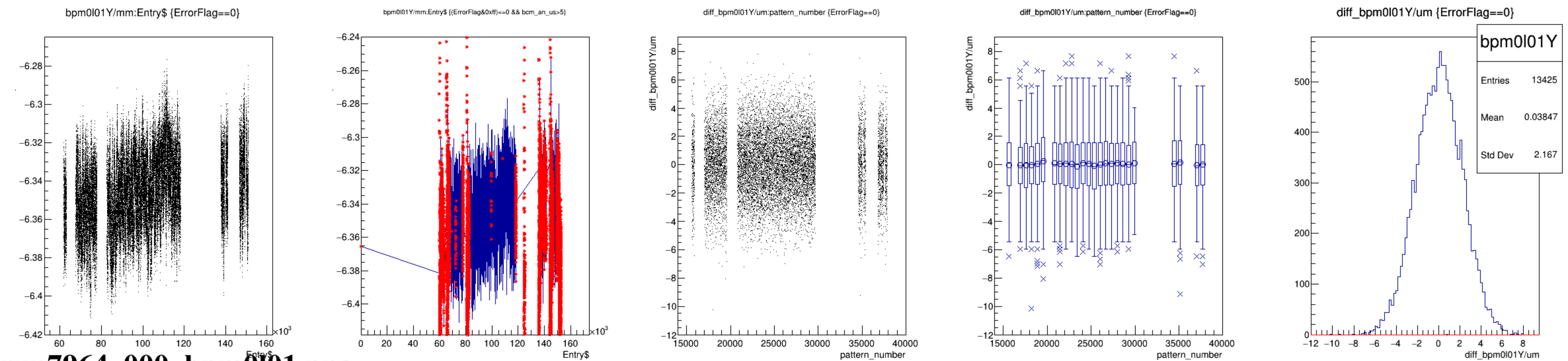
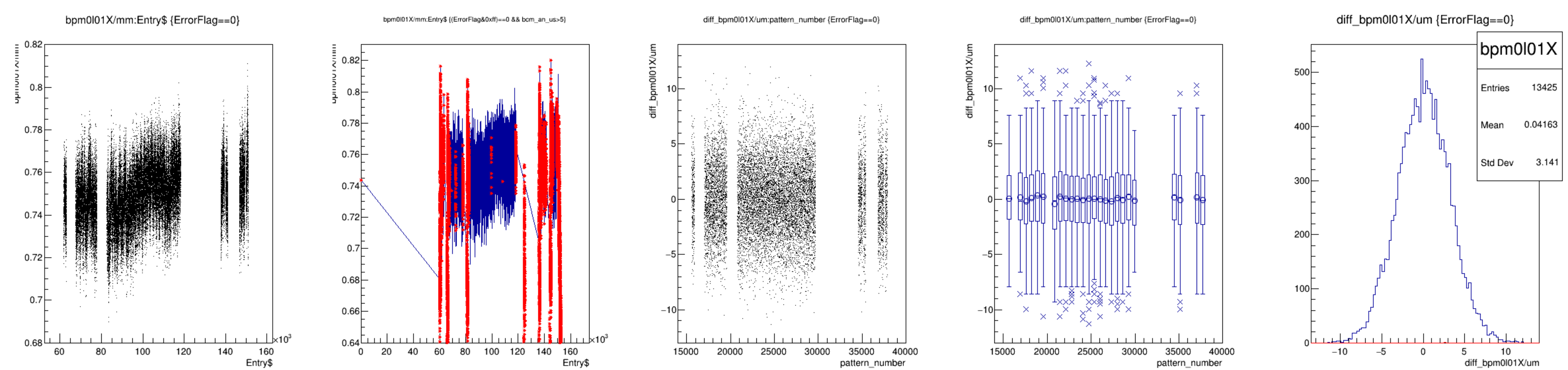


run7964_000_bpm12_XY_Awiresum.png

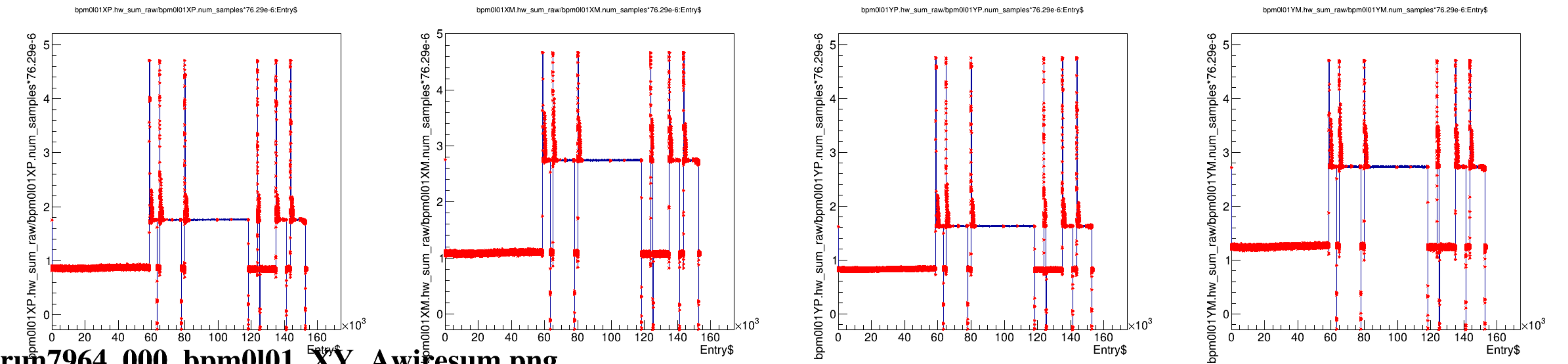
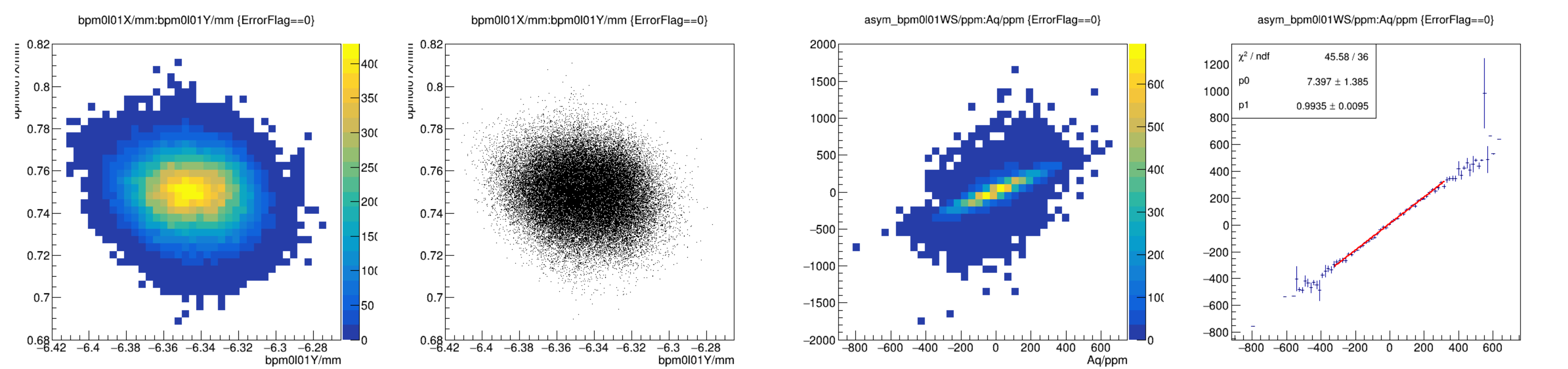




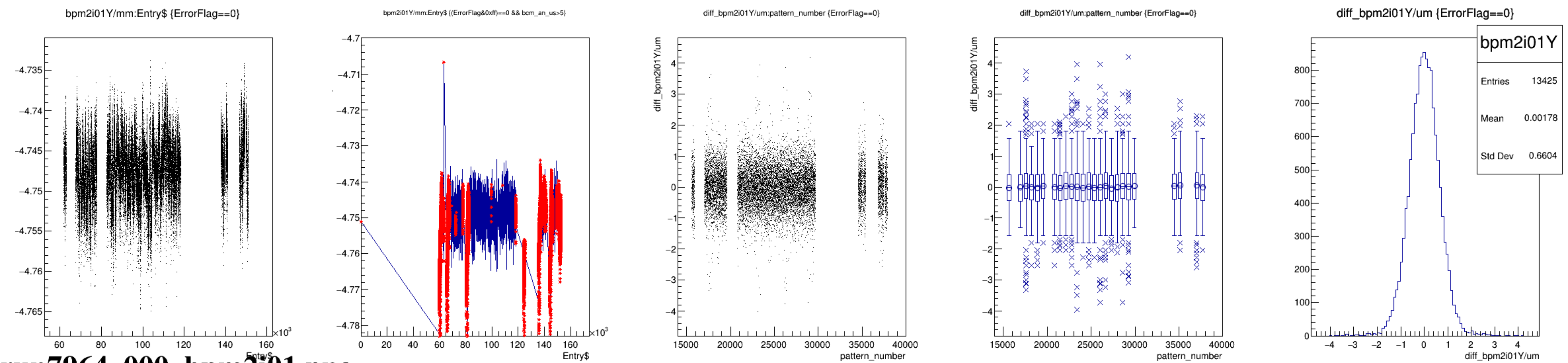
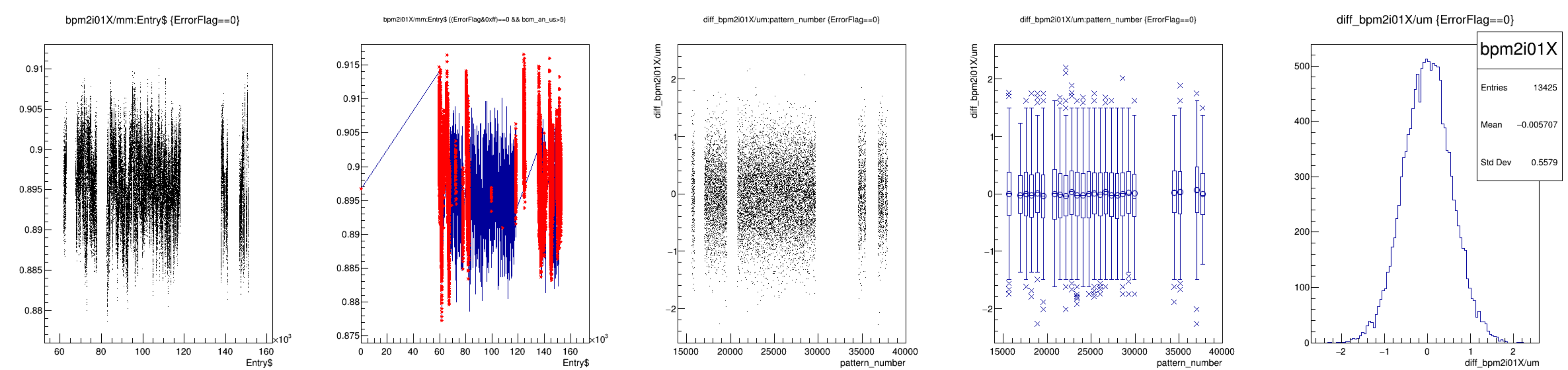
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run7964_000_bpm0l01.png

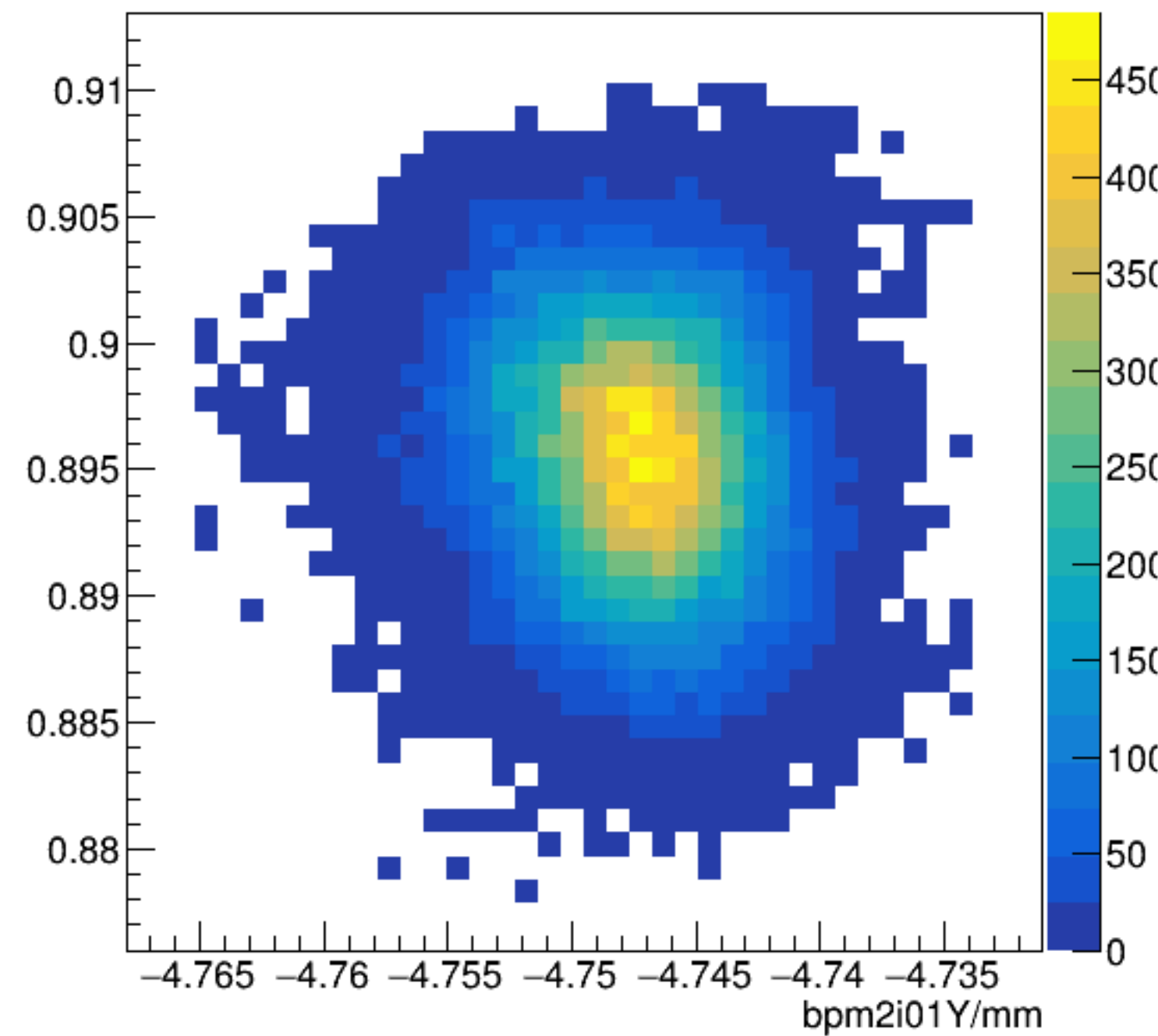


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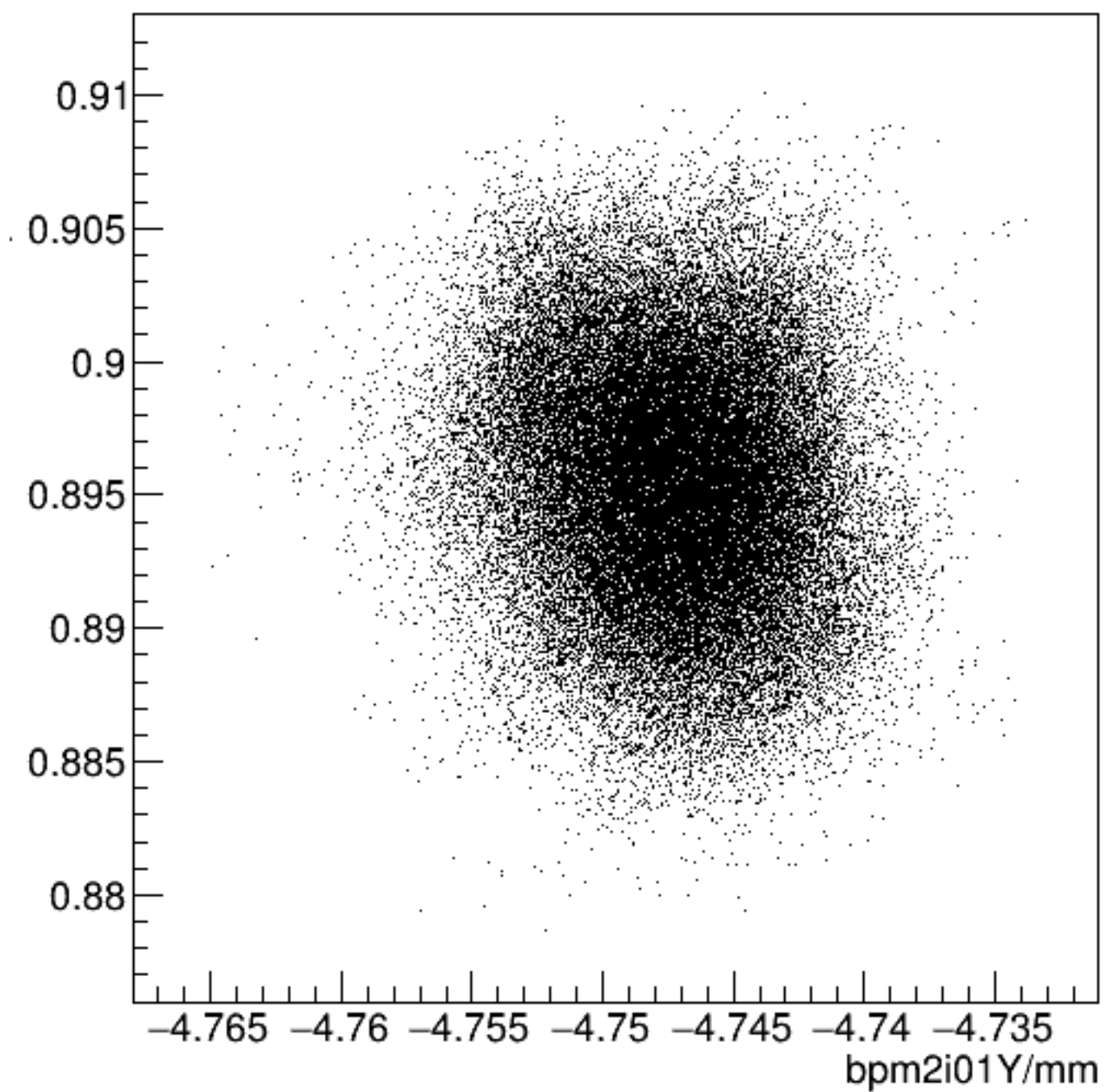


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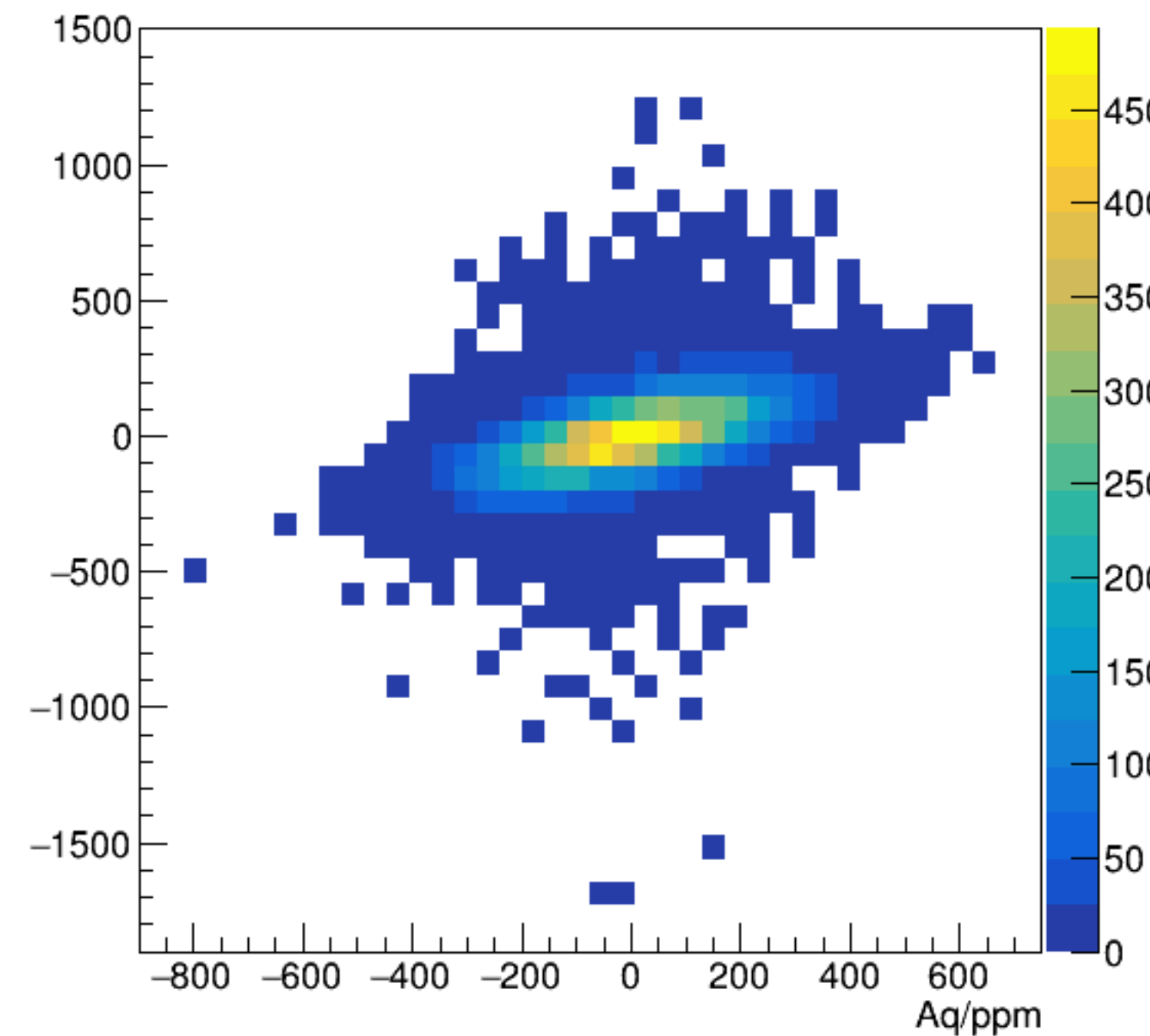
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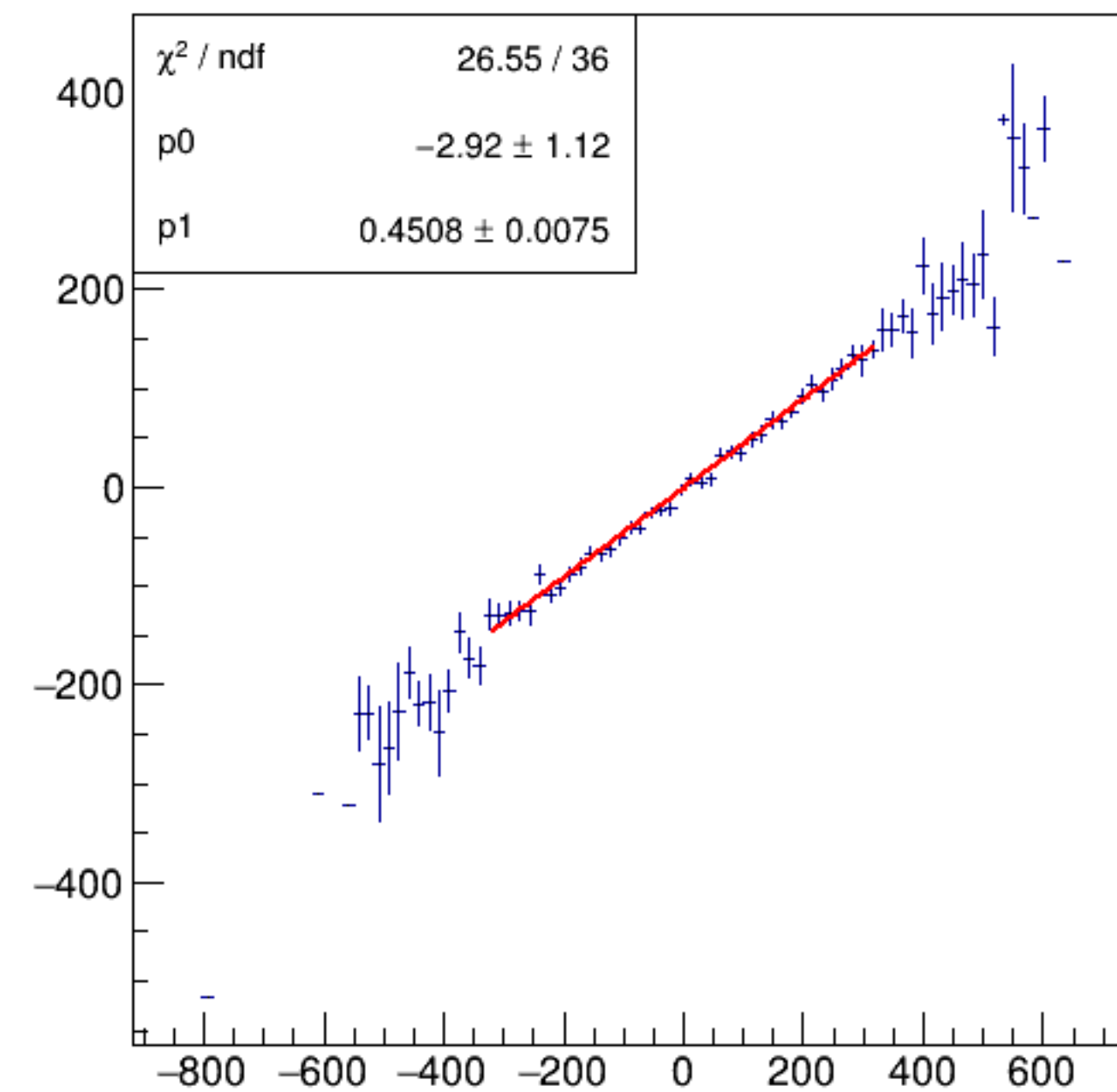
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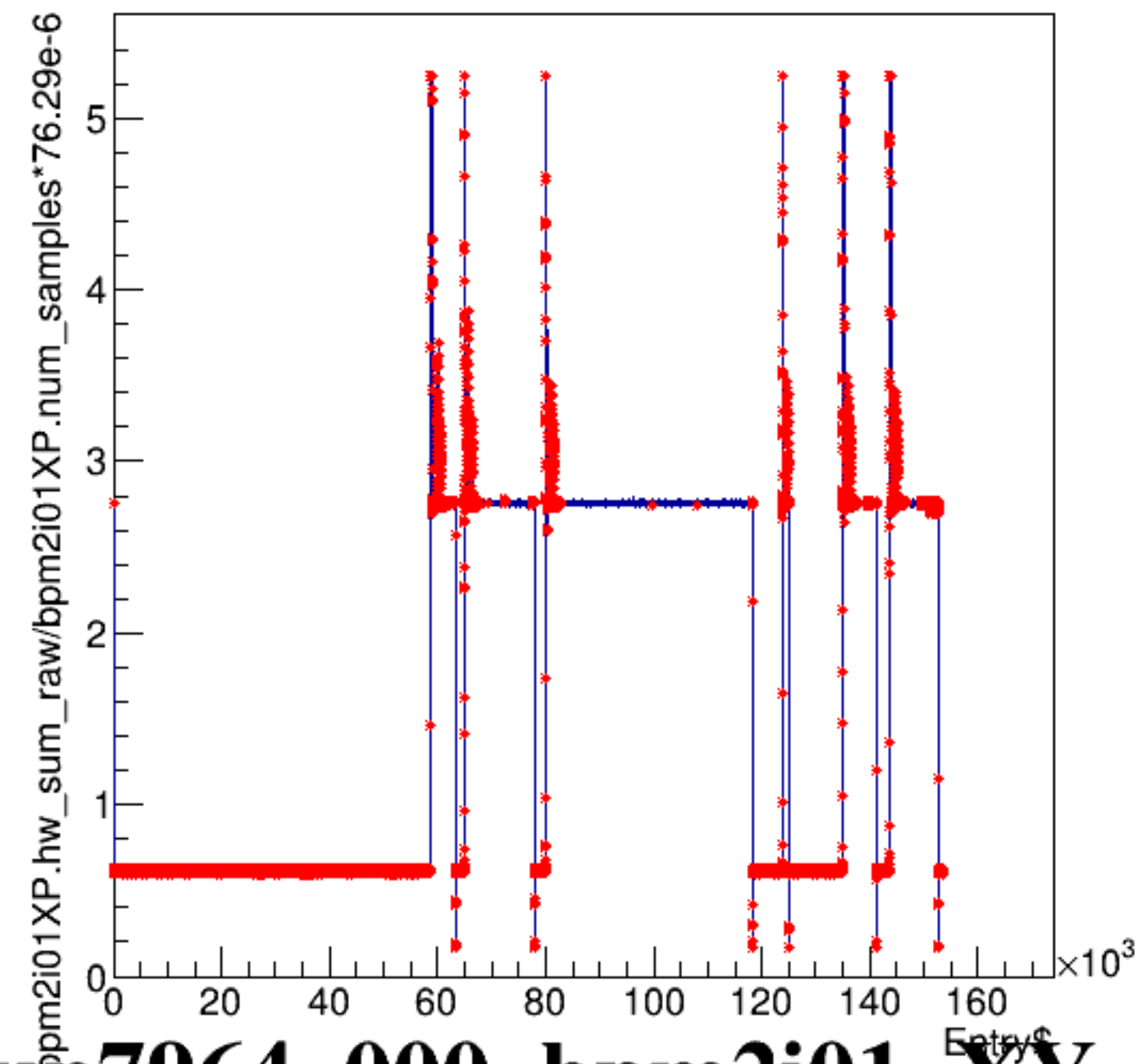
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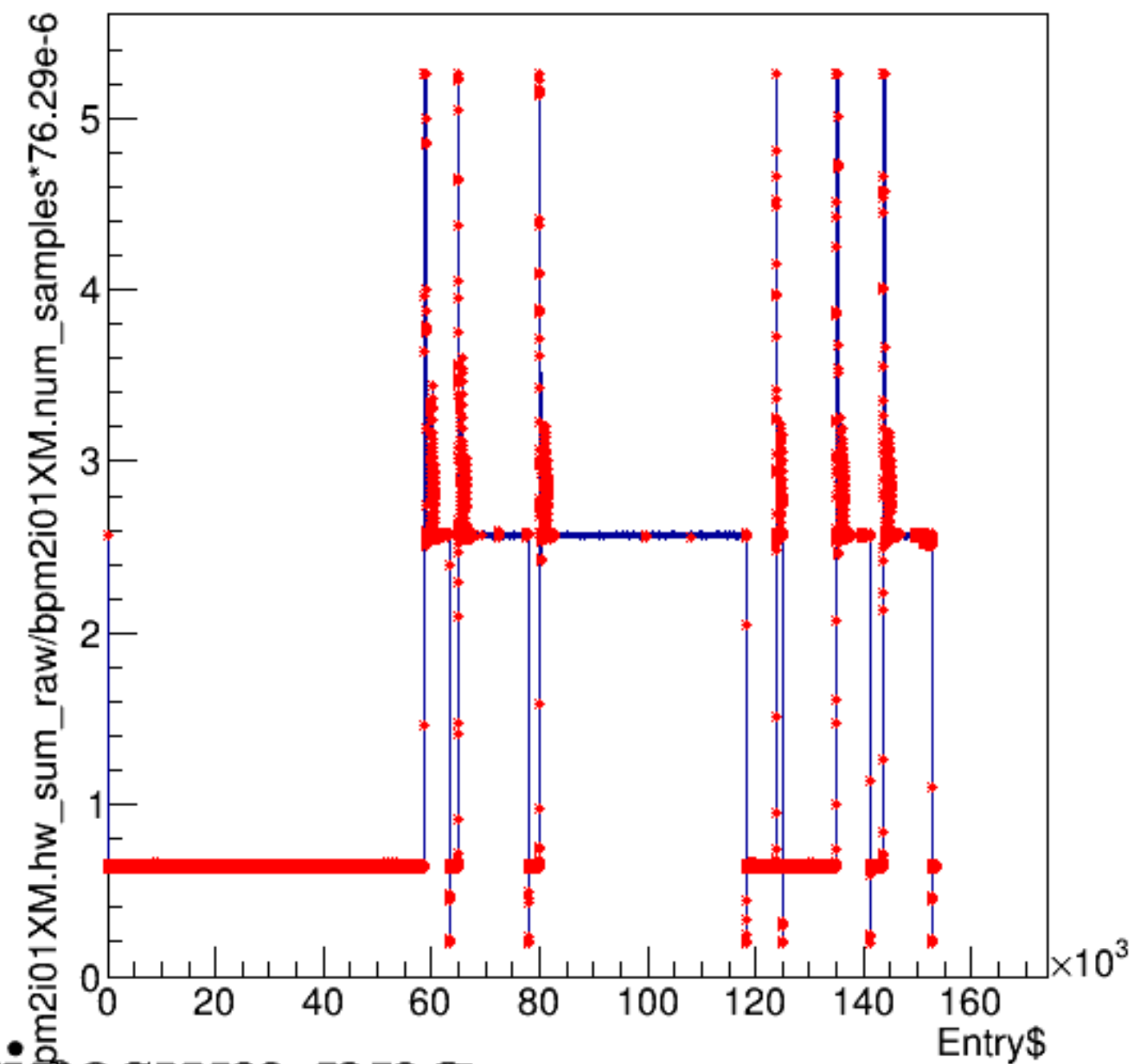
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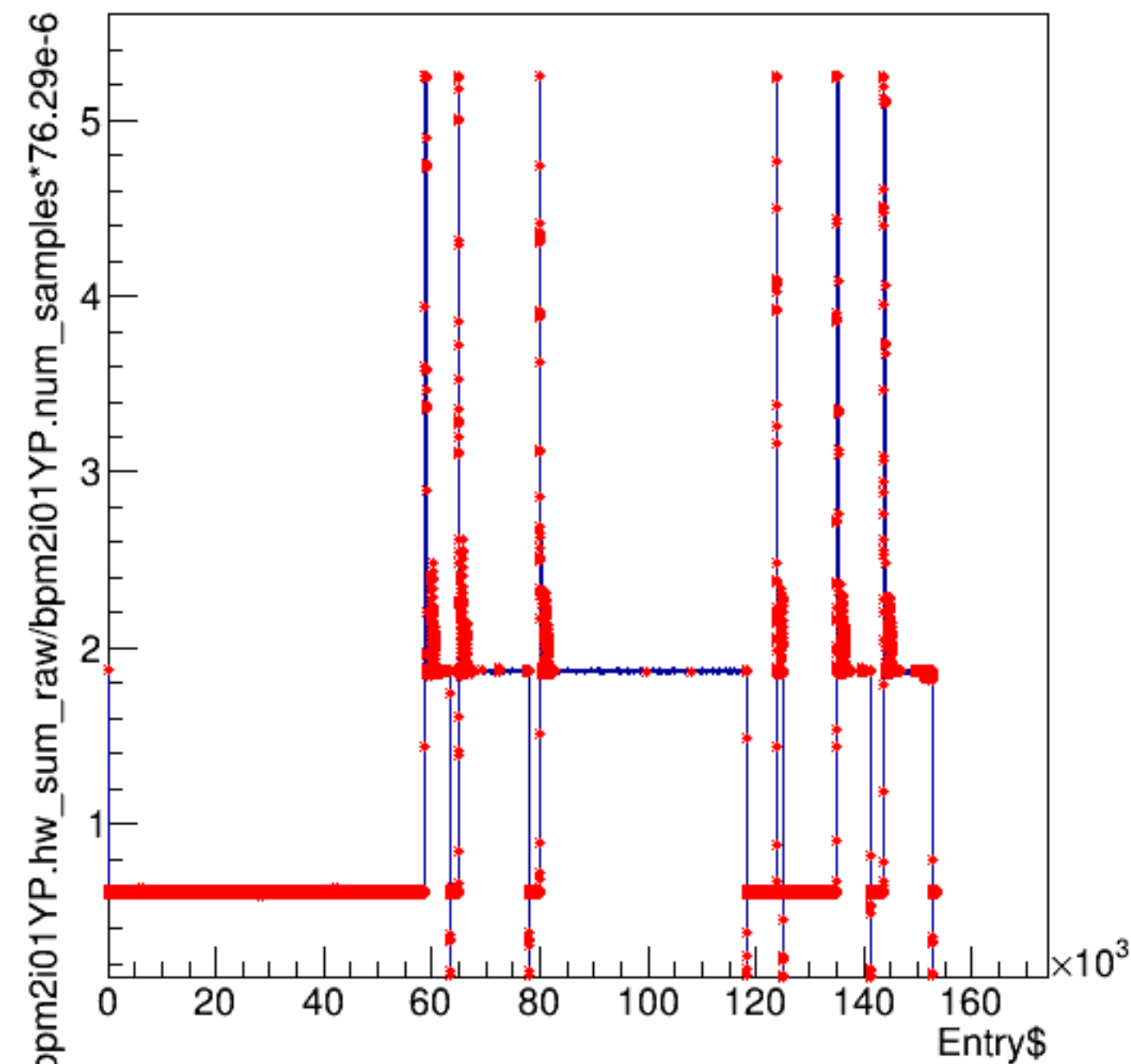
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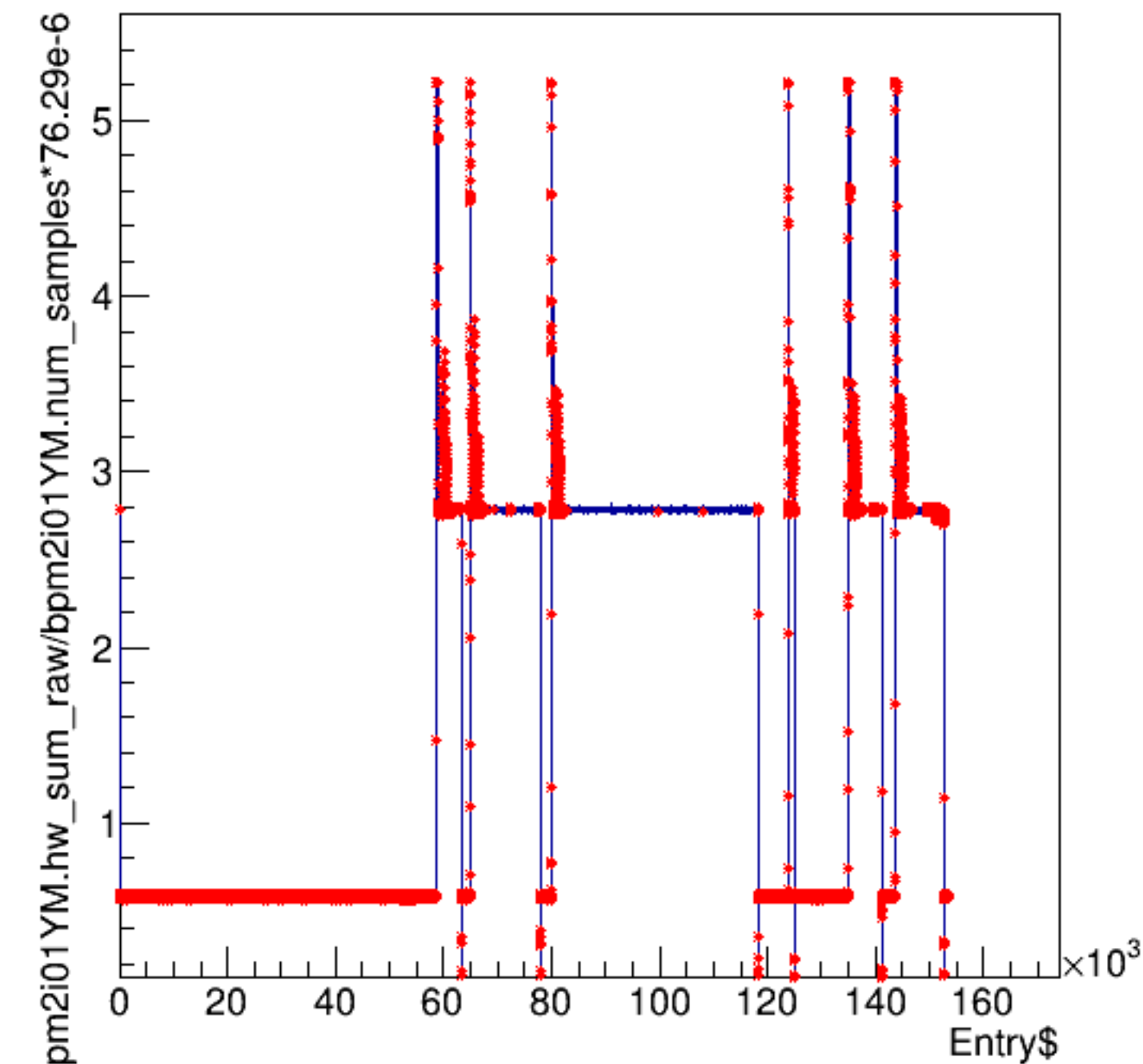
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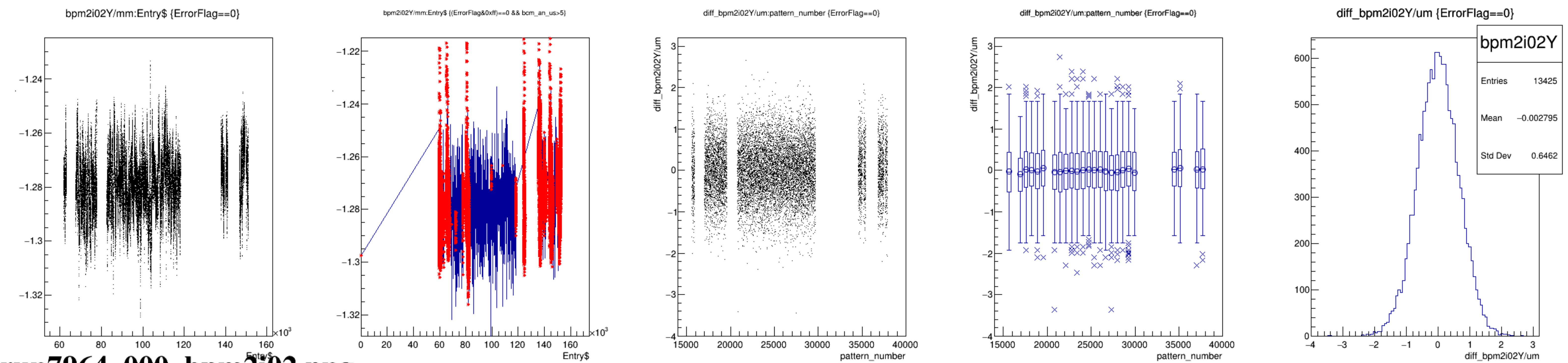
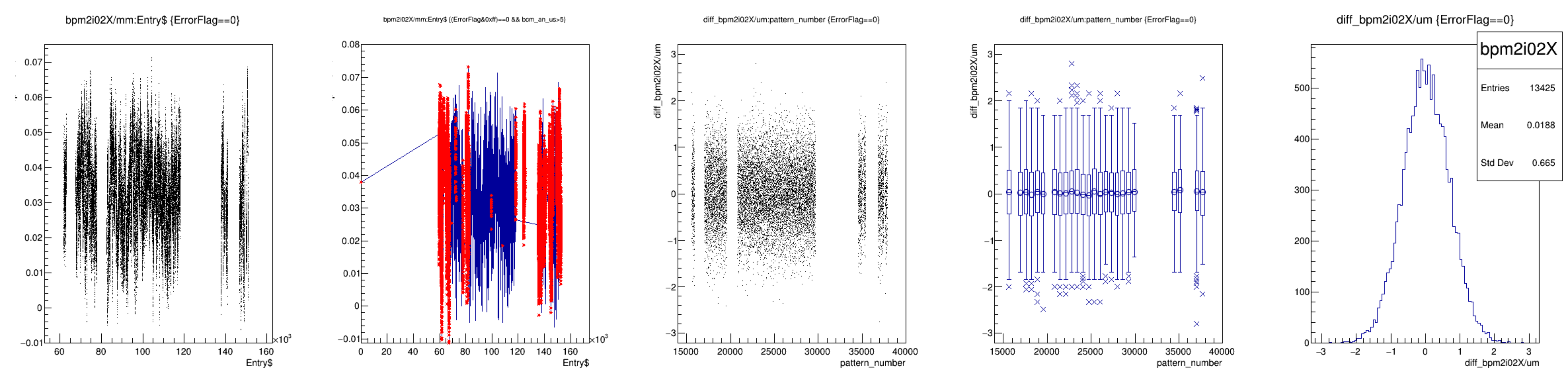


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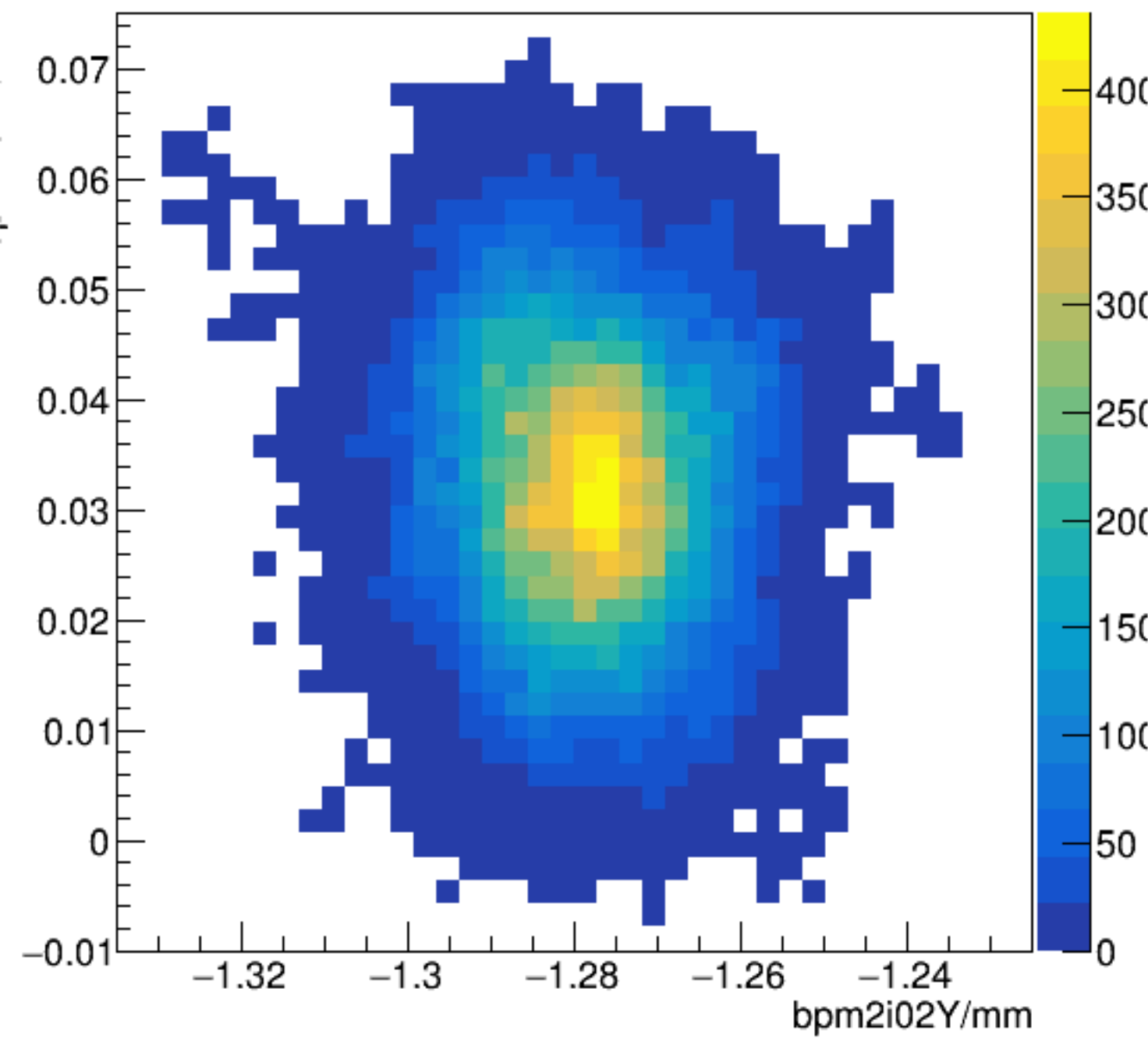
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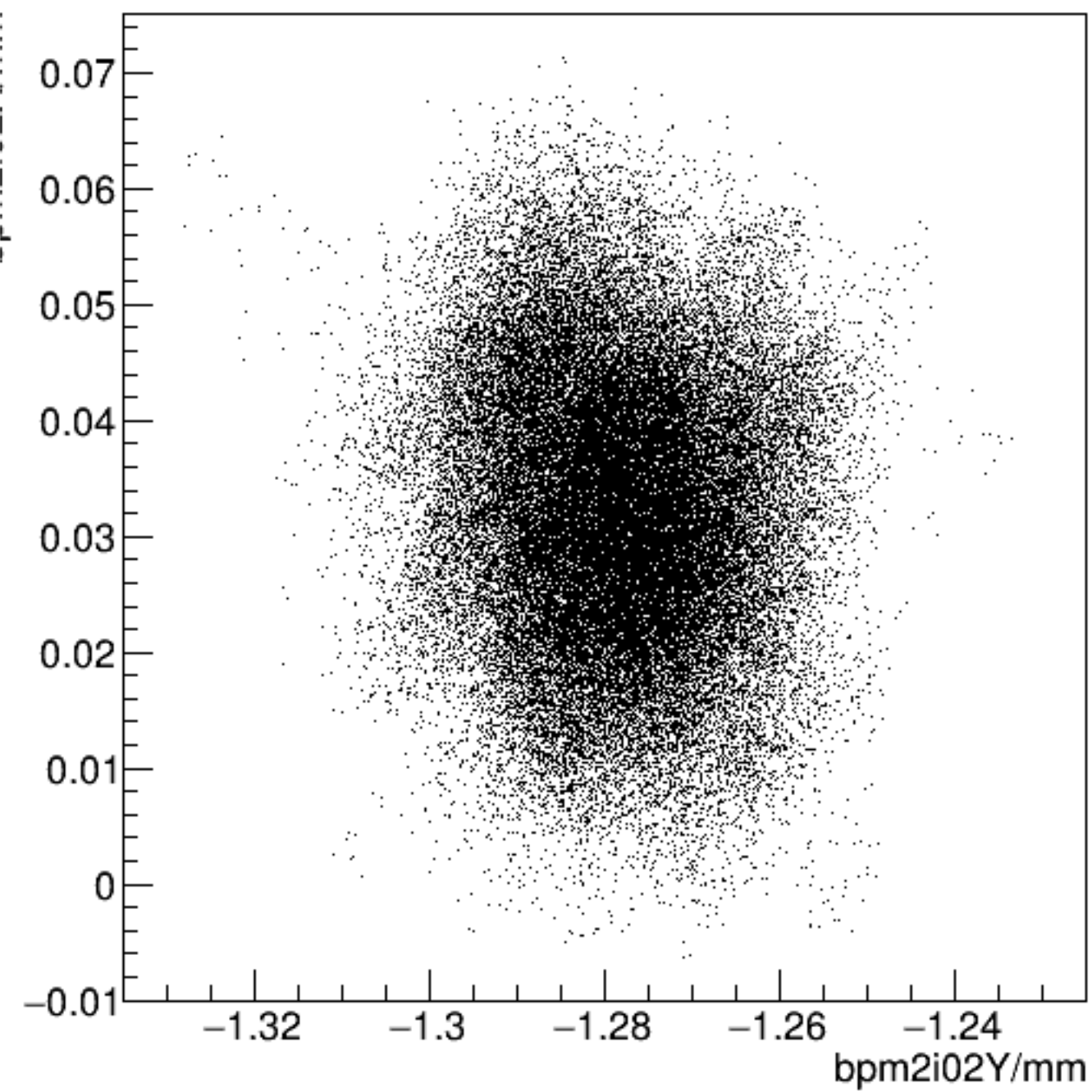


run7964_000_bpm2i02.png

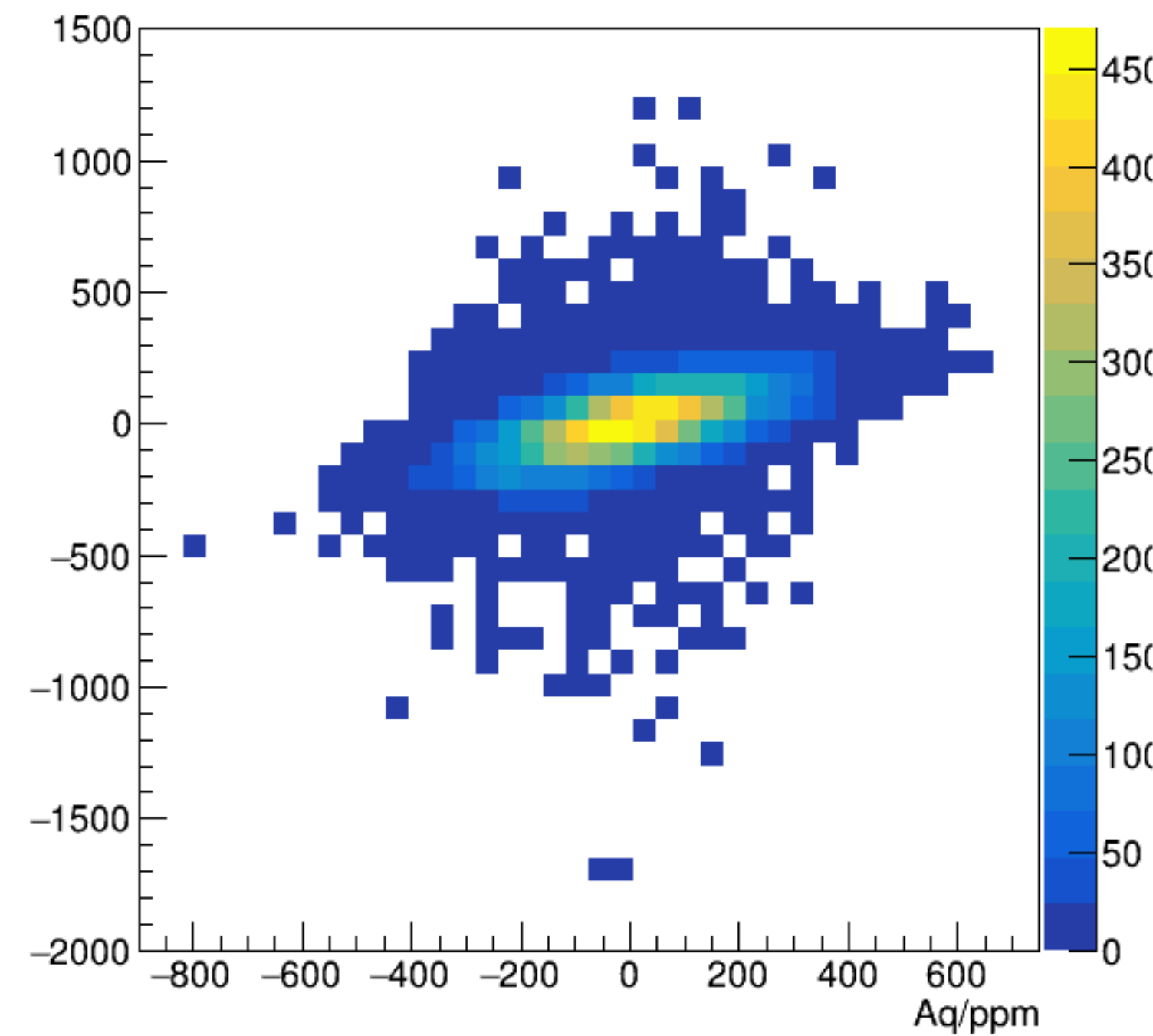
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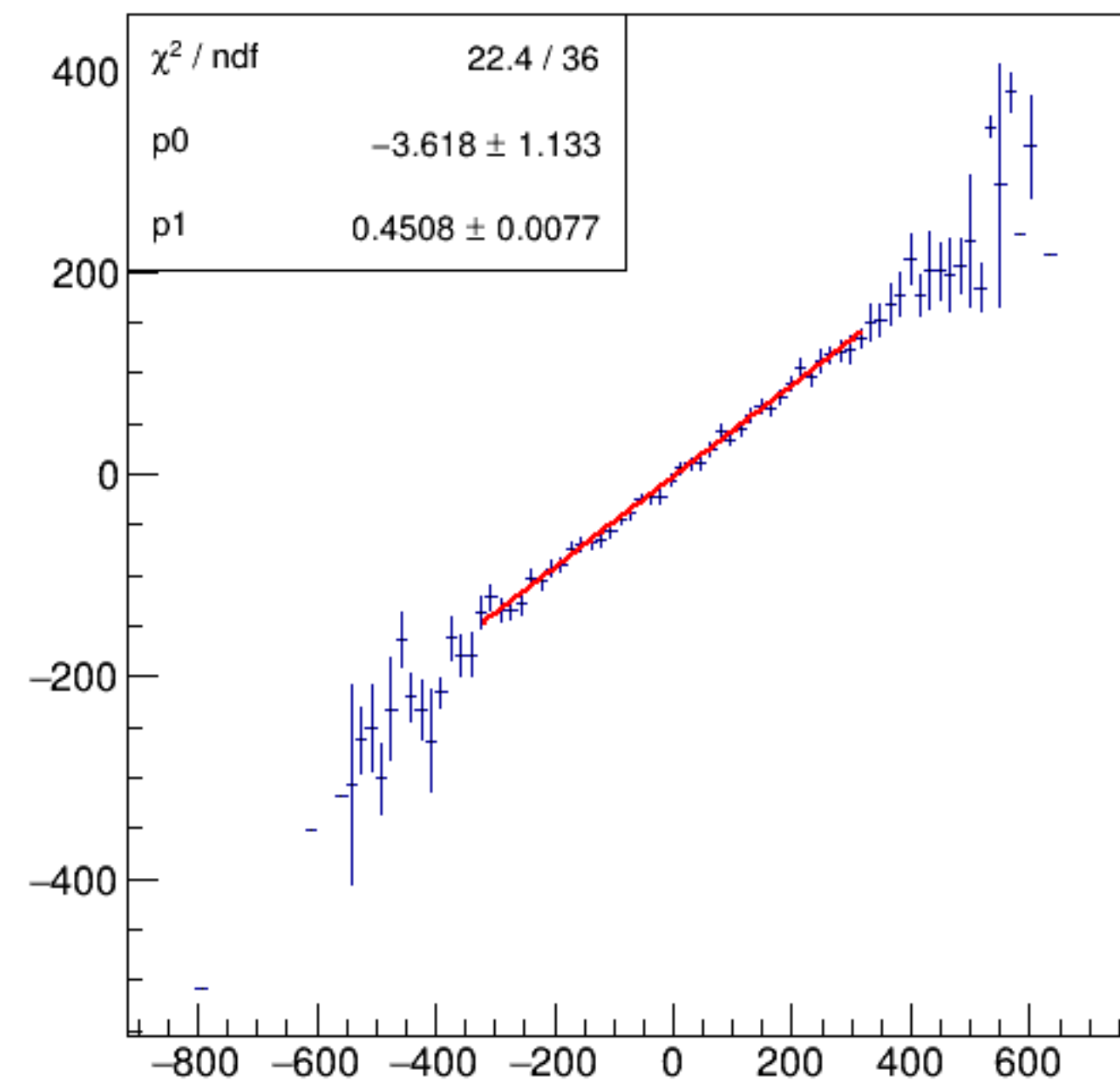
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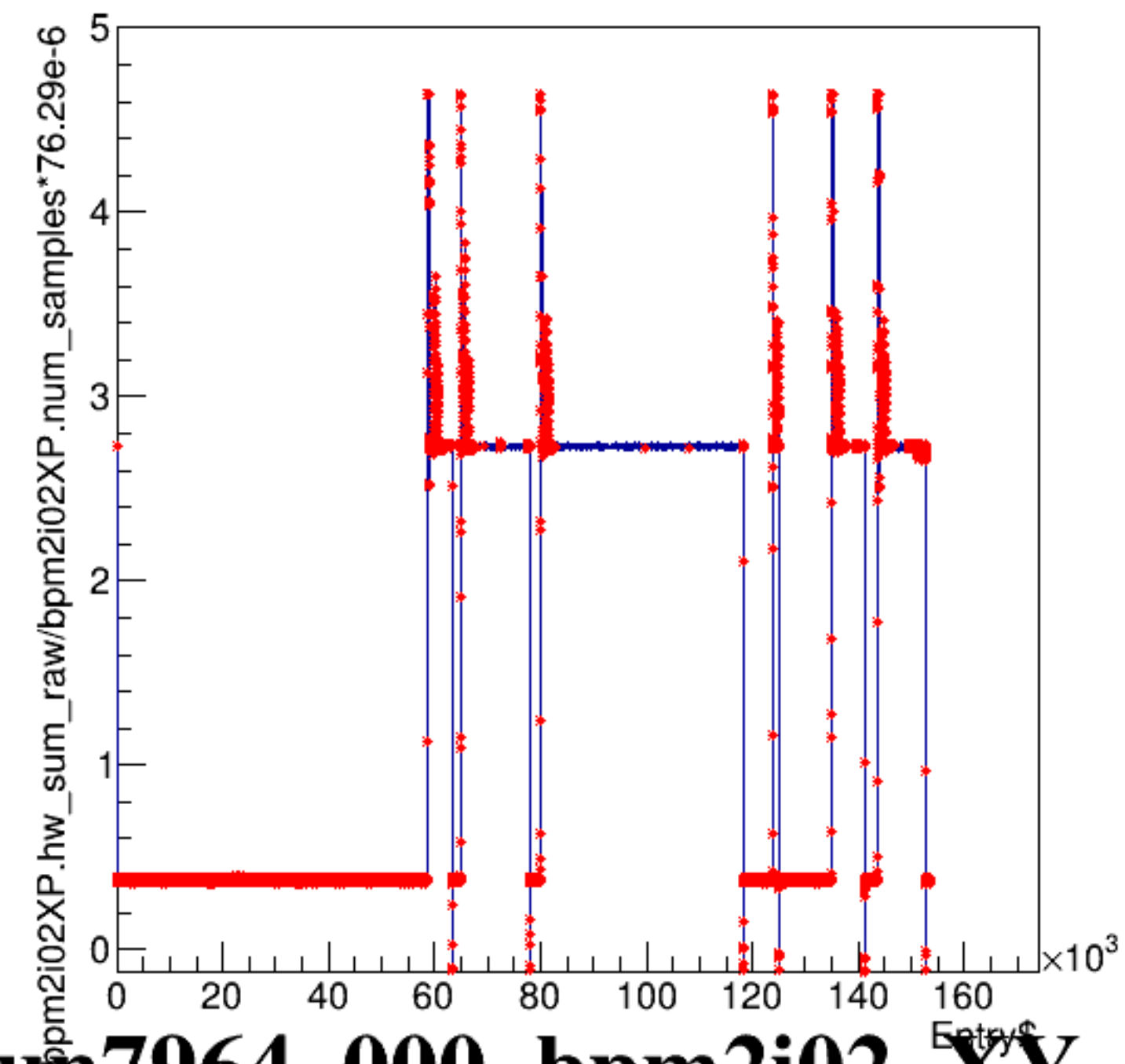
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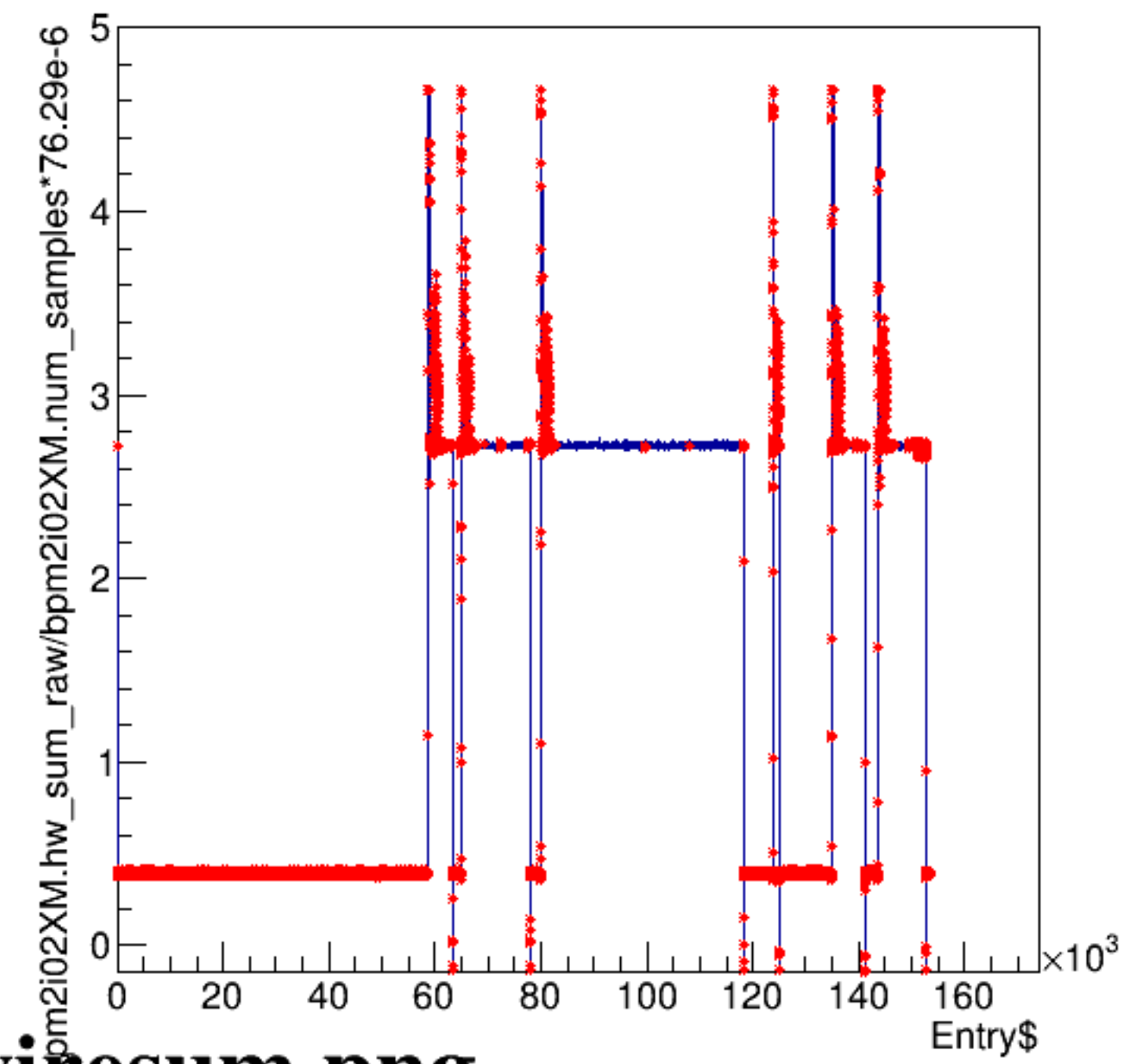
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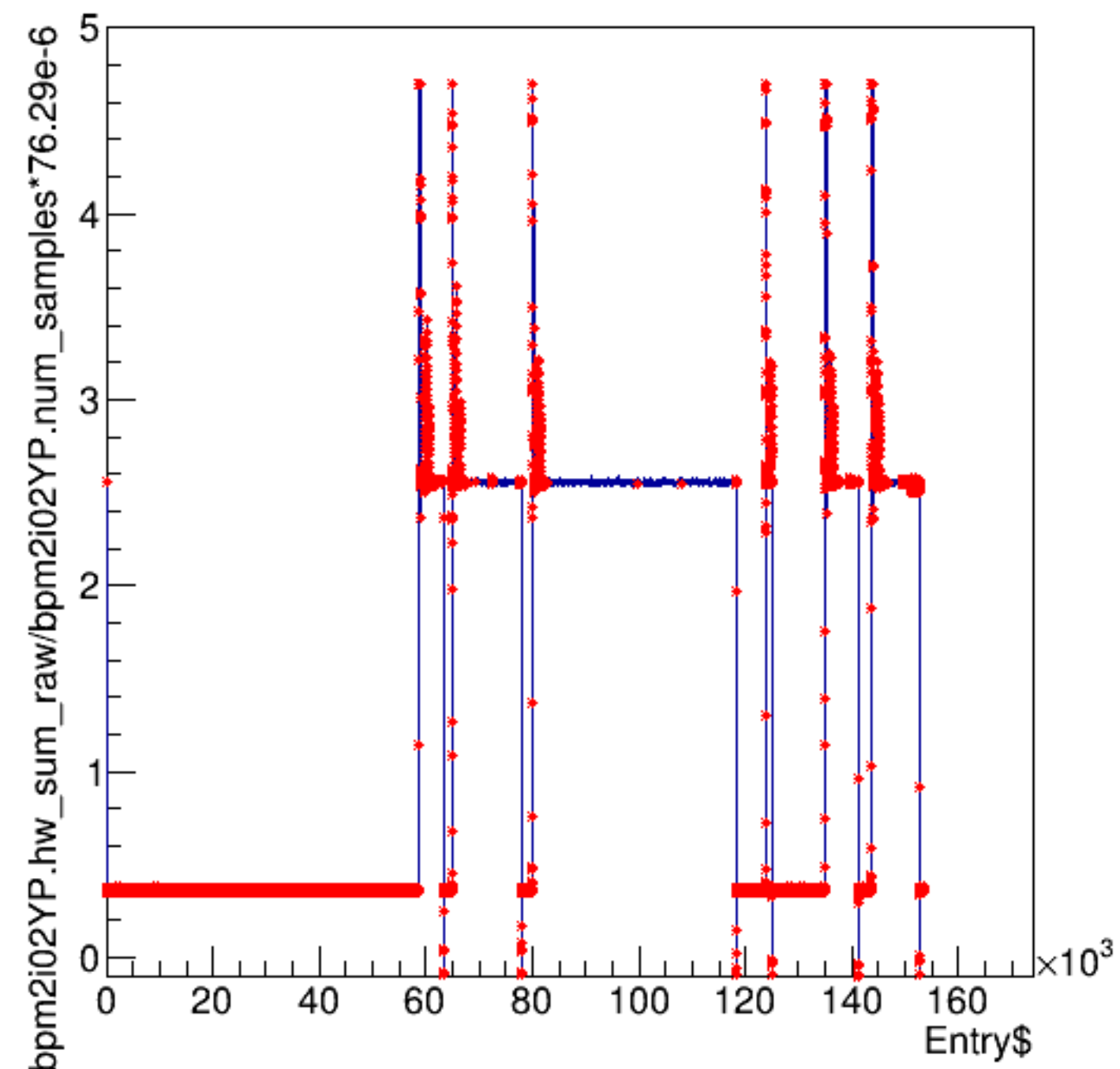
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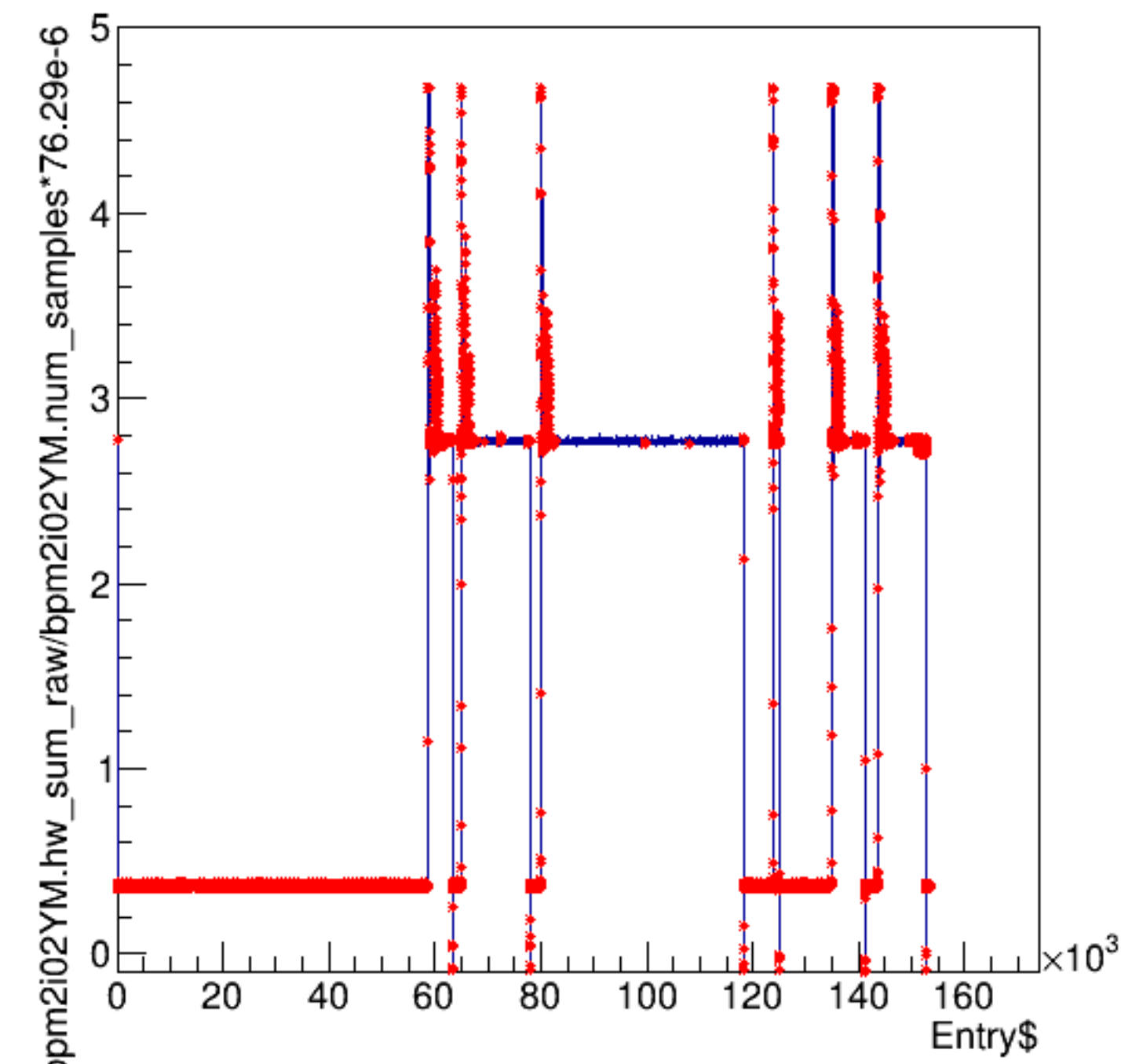
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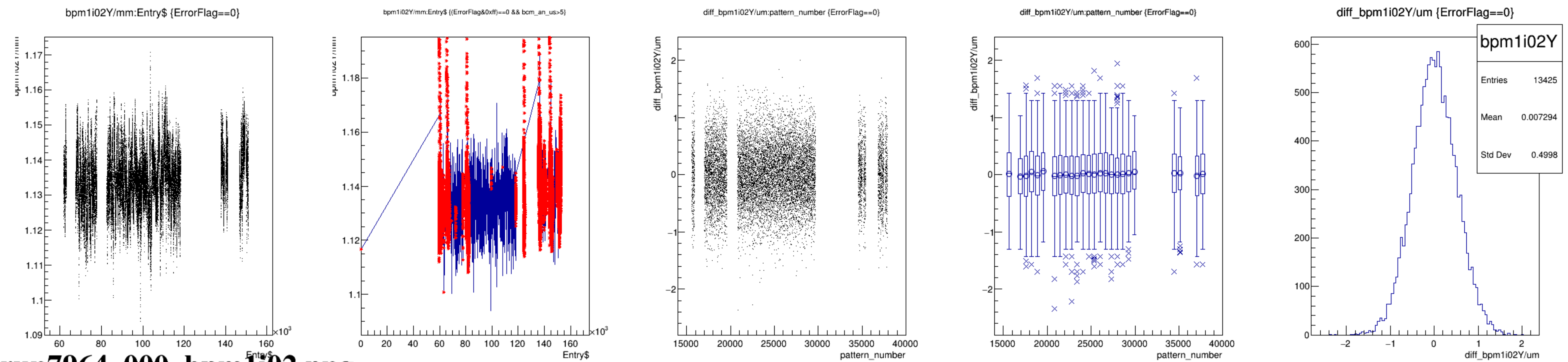
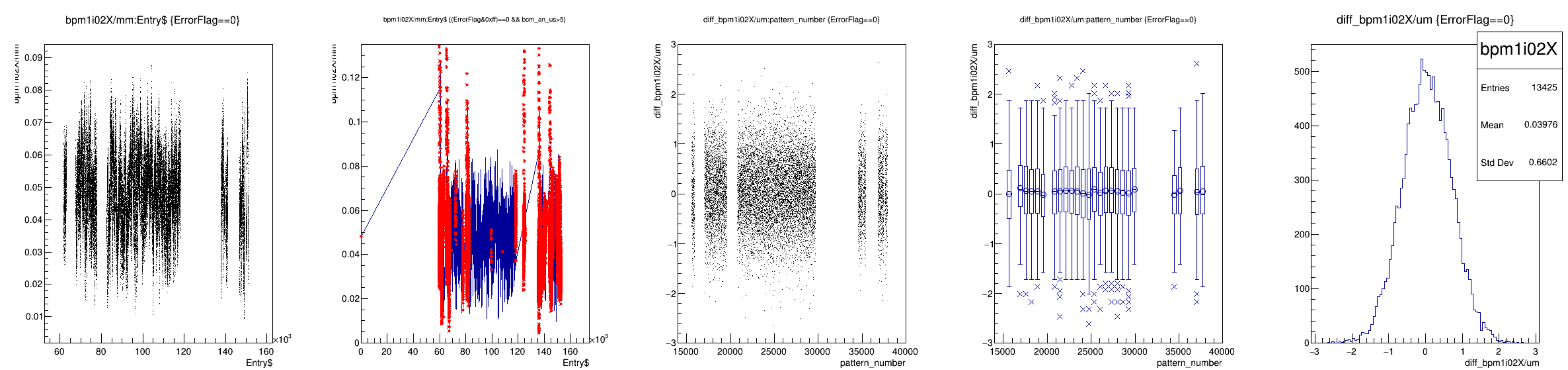


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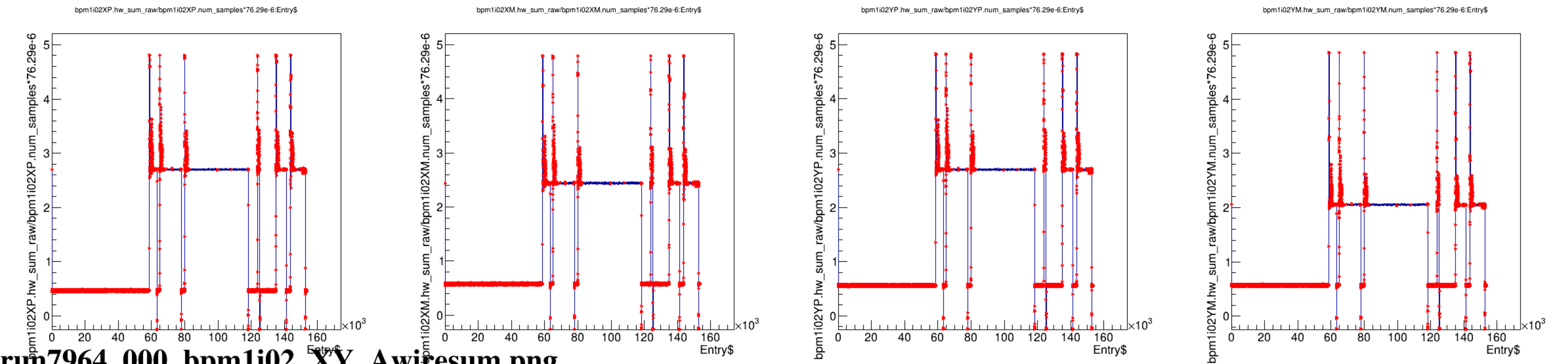
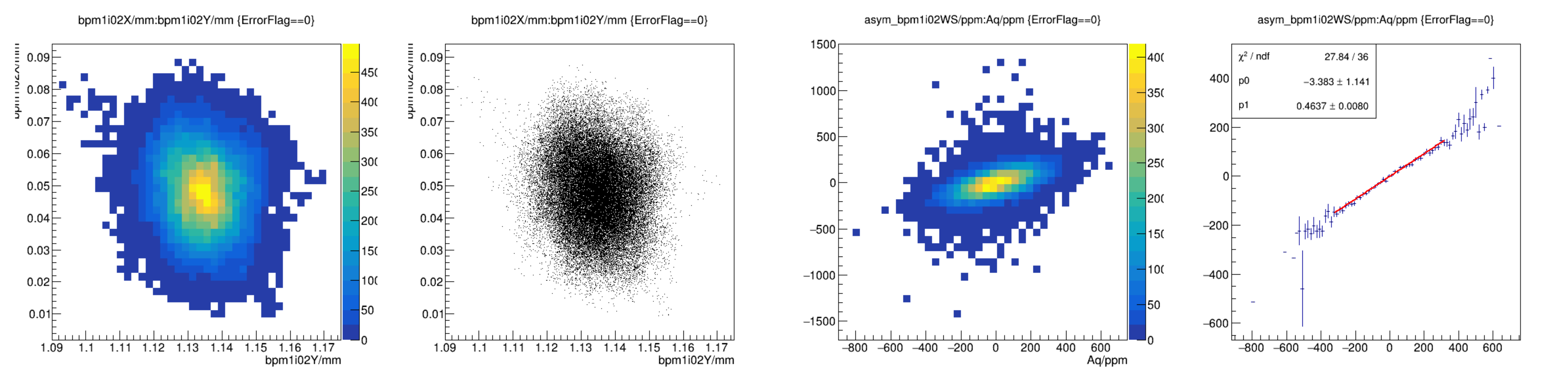


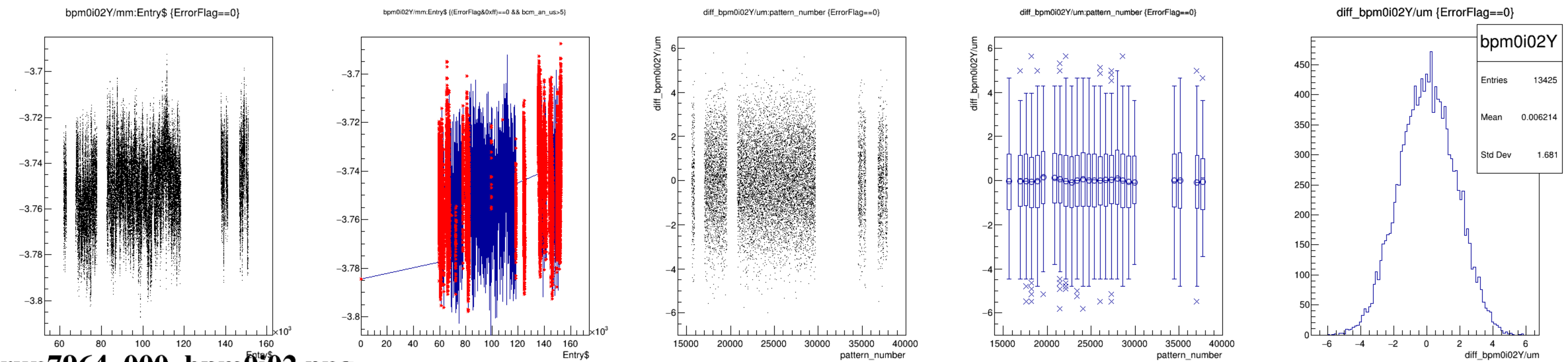
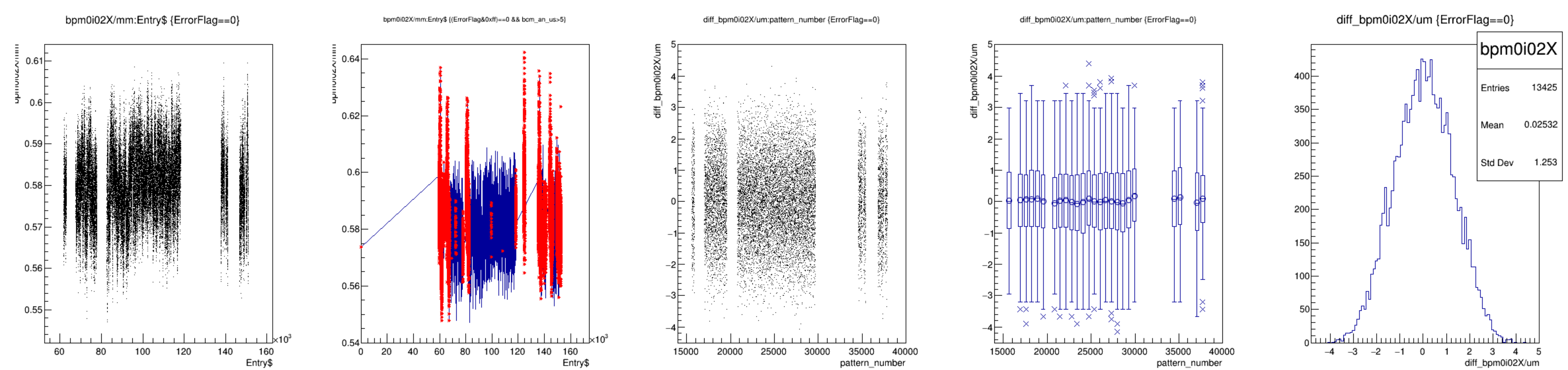
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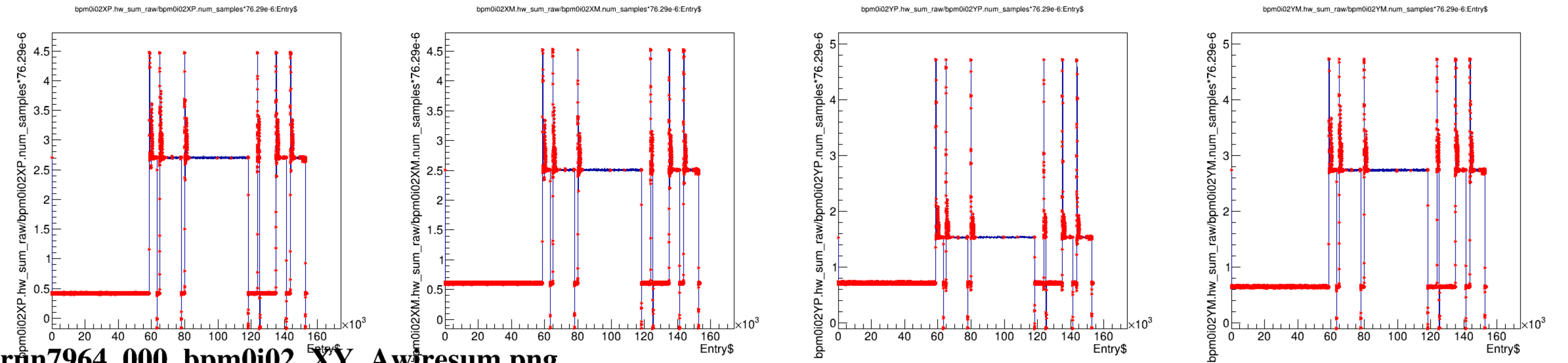
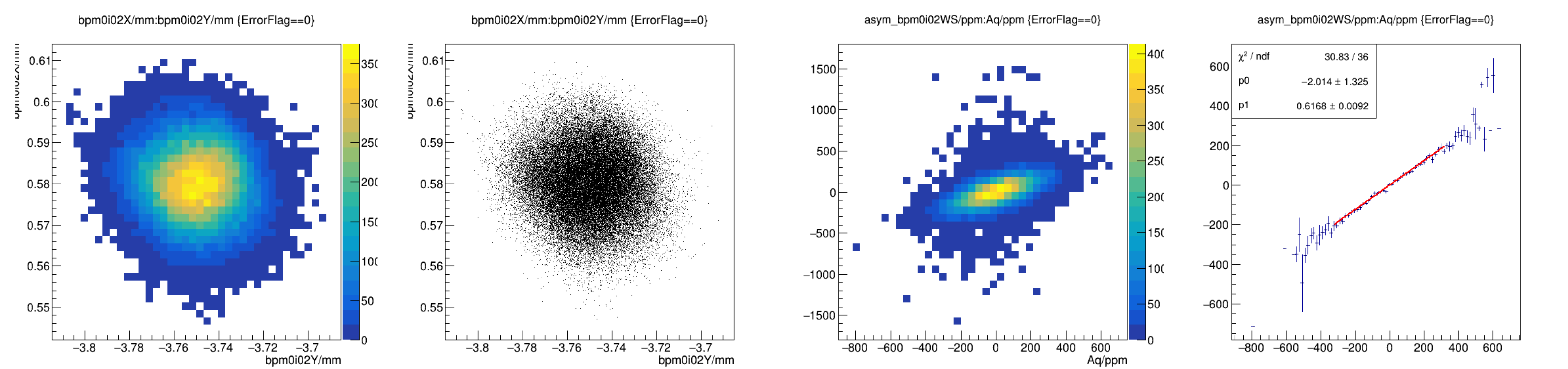


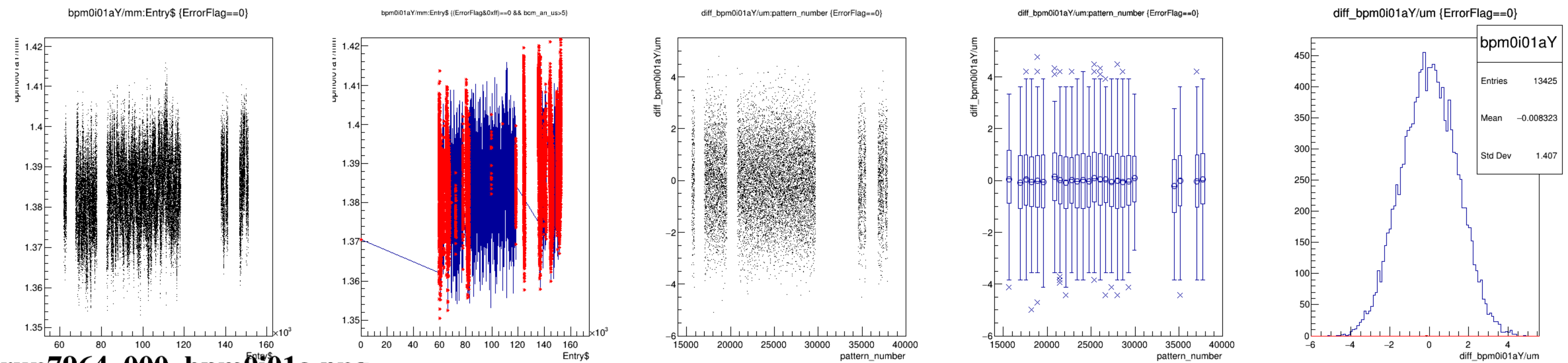
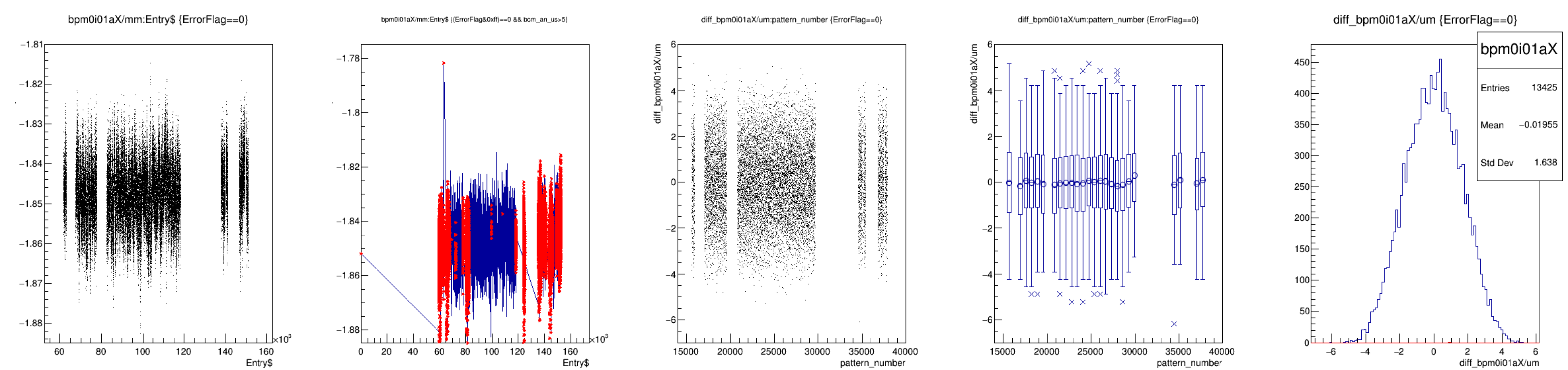


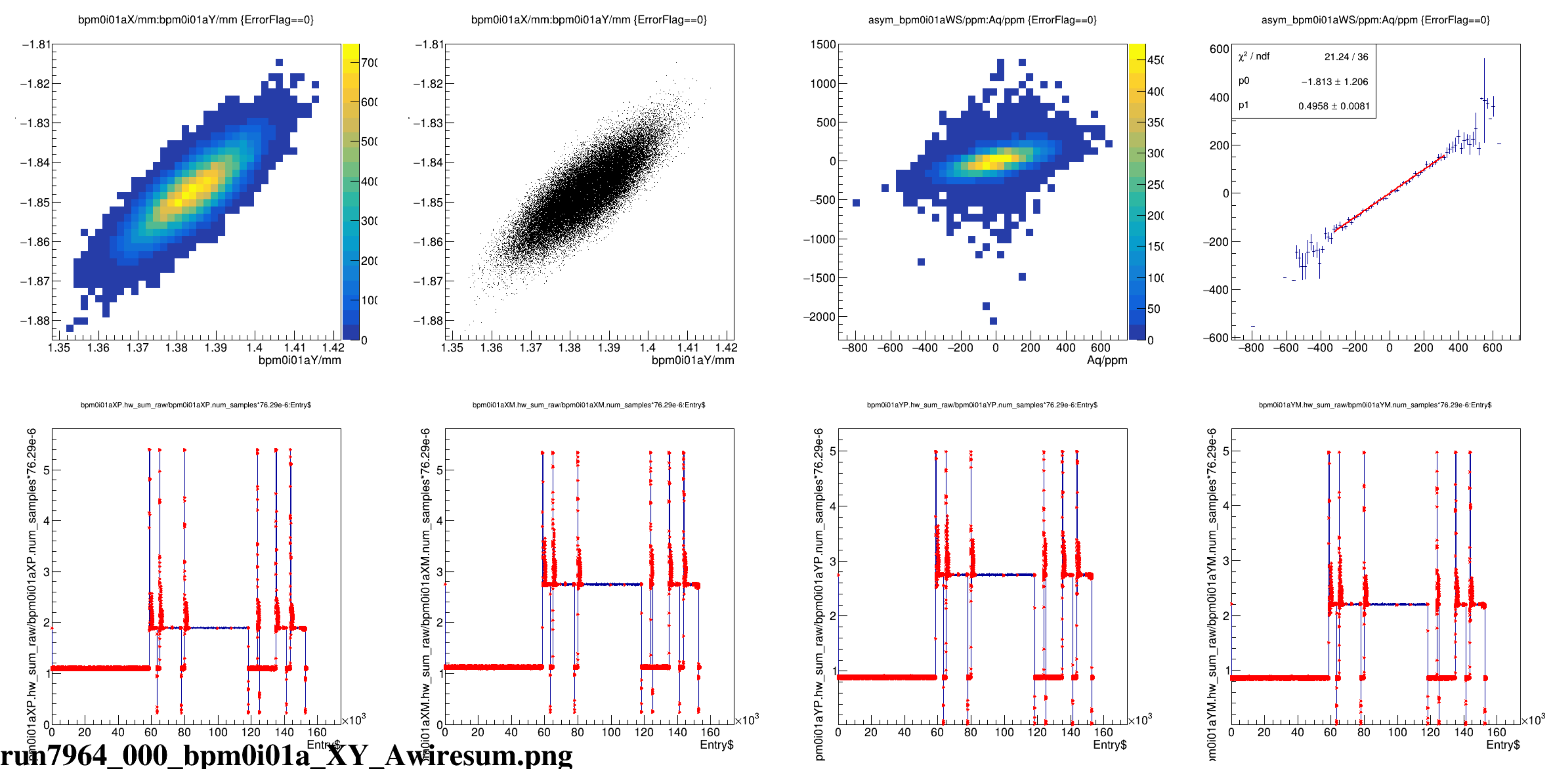
run7964_000_bpm1i02.png



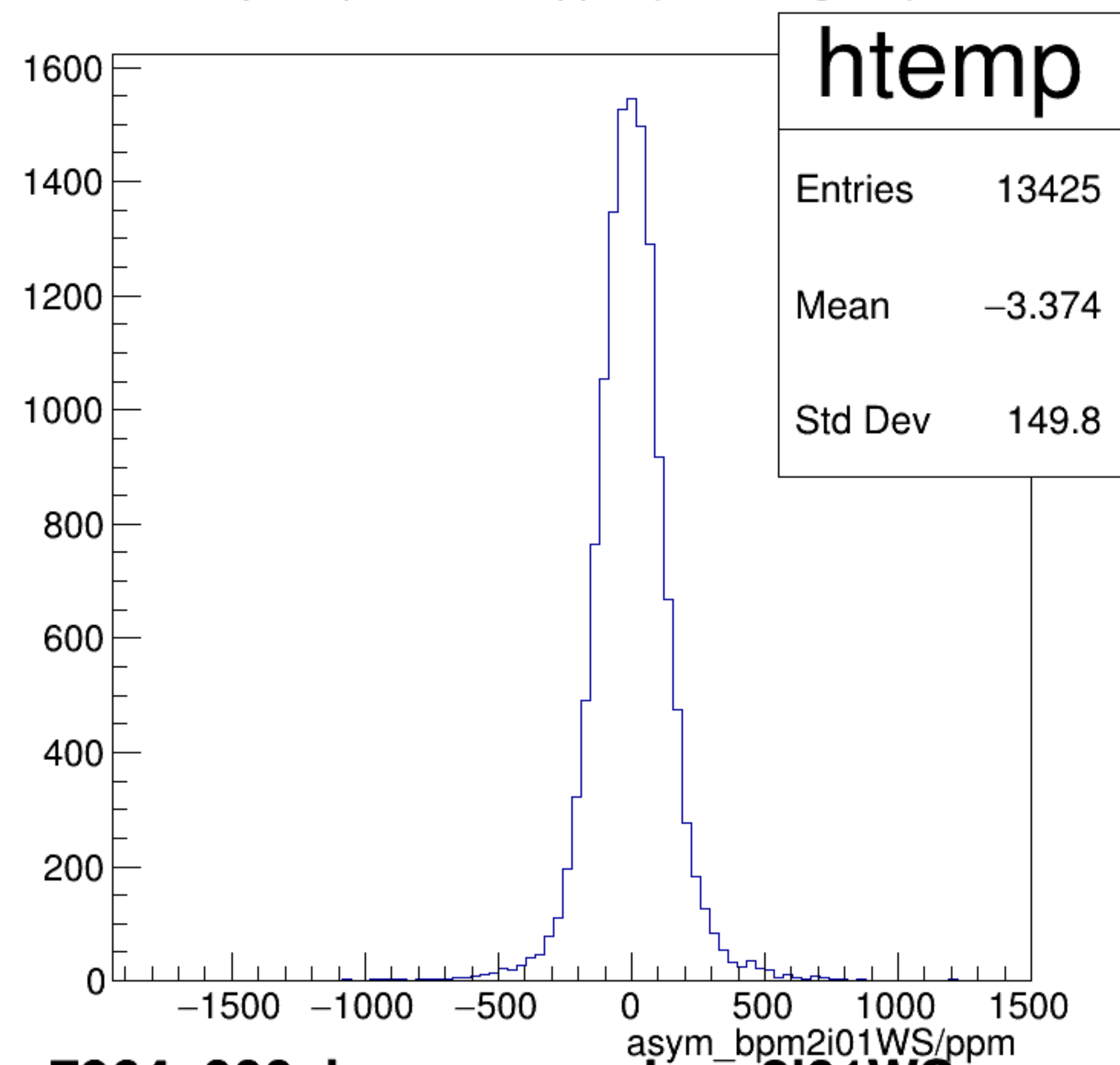






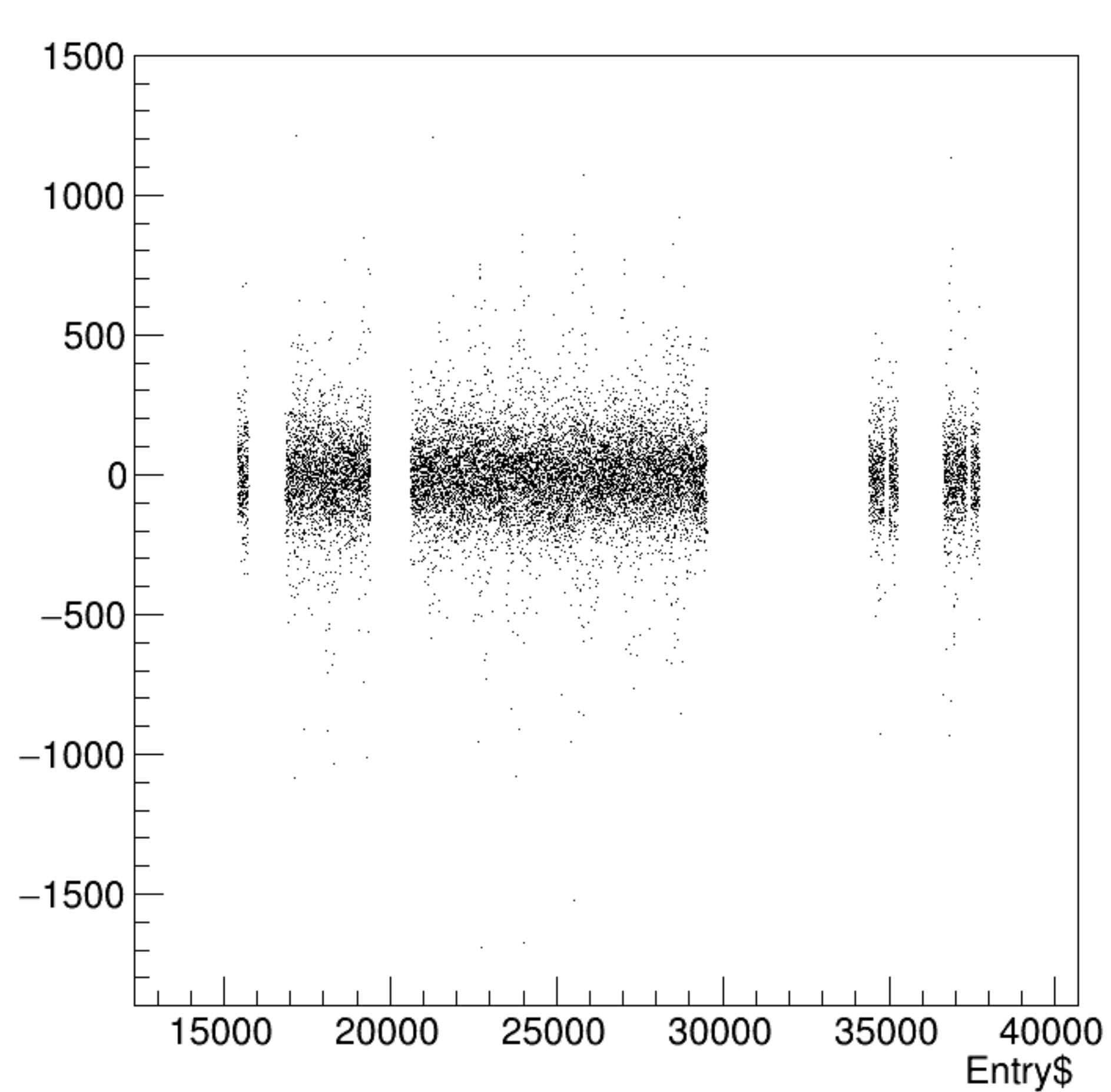


asym_bpm2i01WS/ppm {ErrorFlag==0}

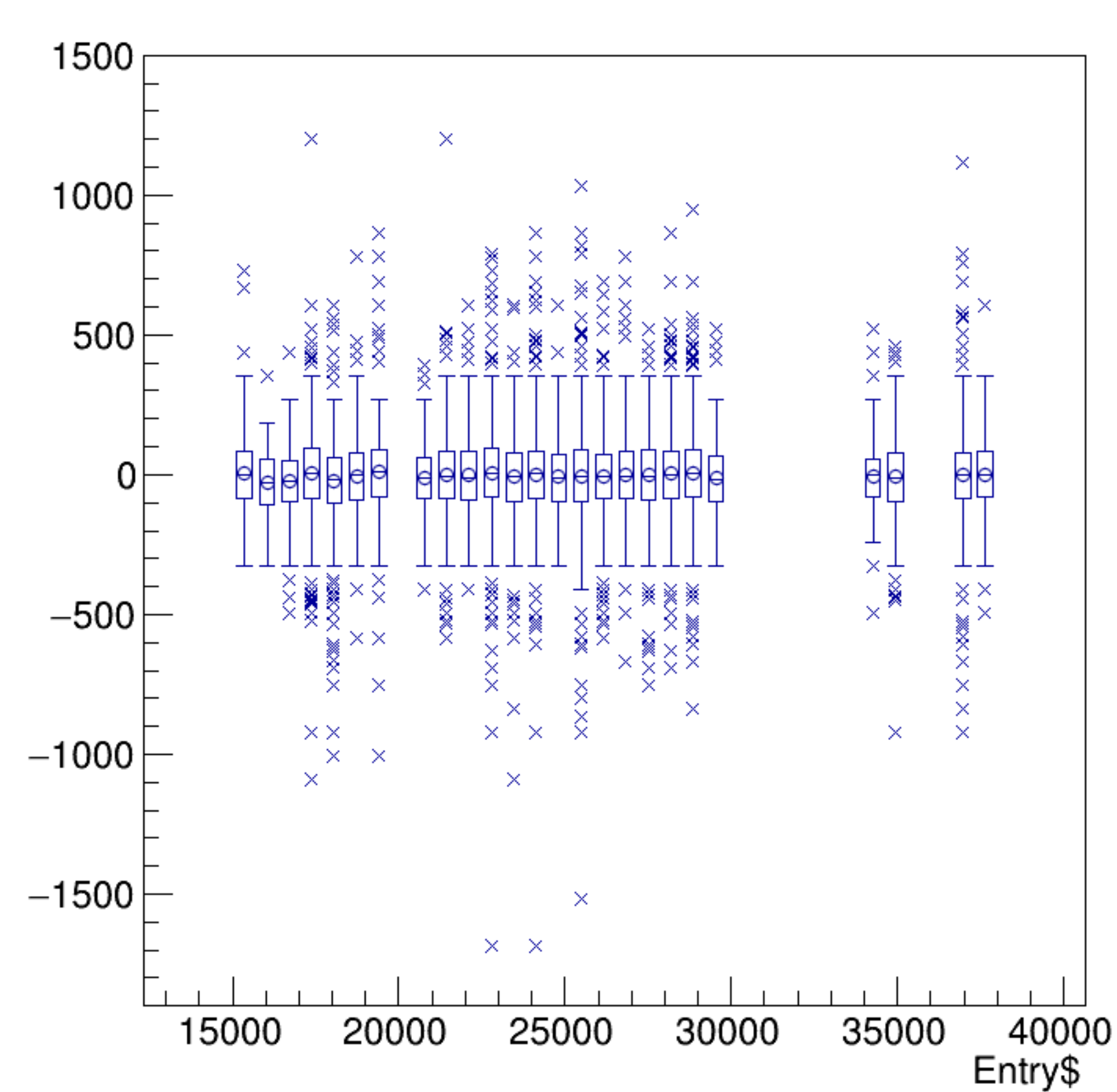


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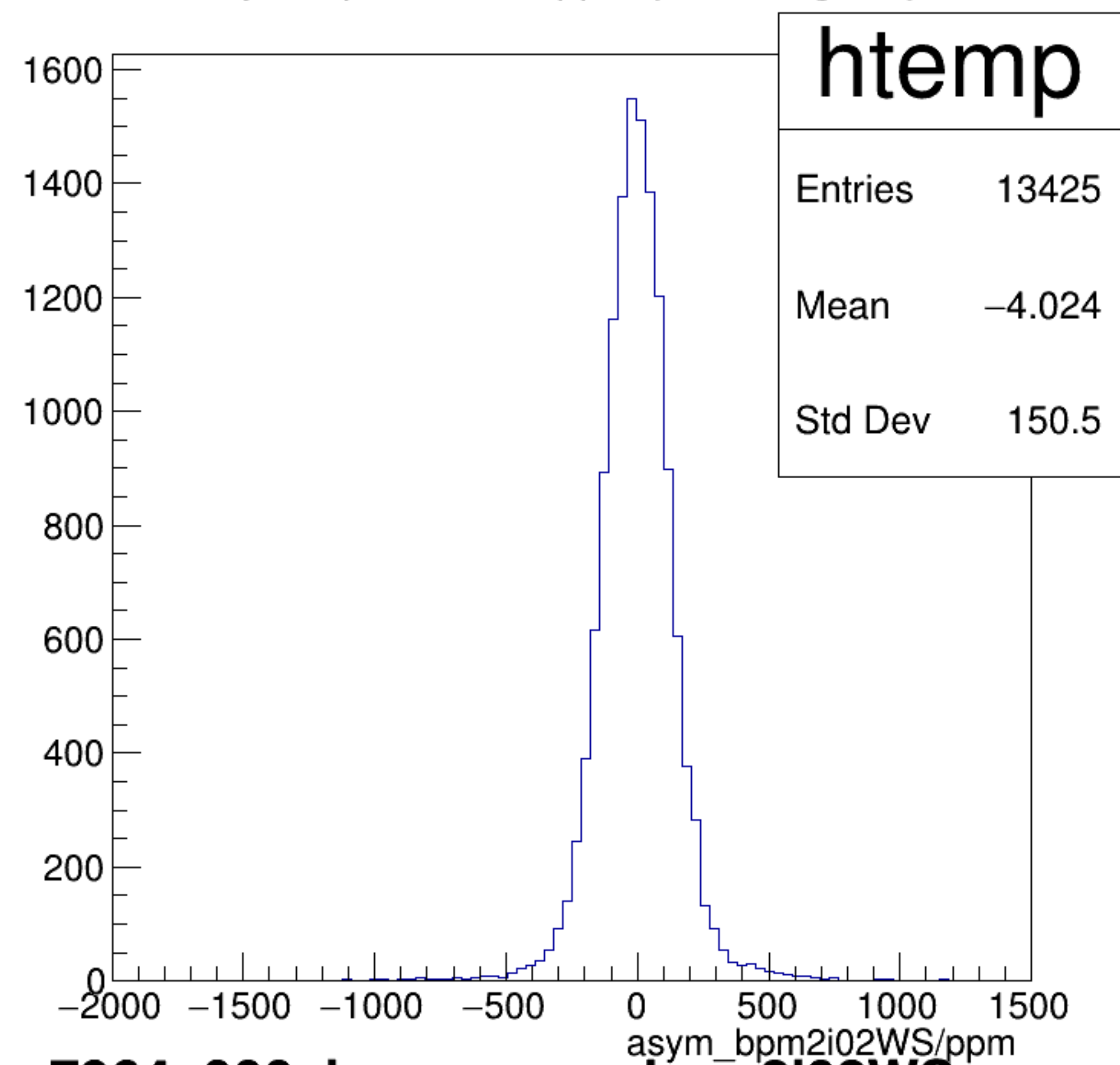
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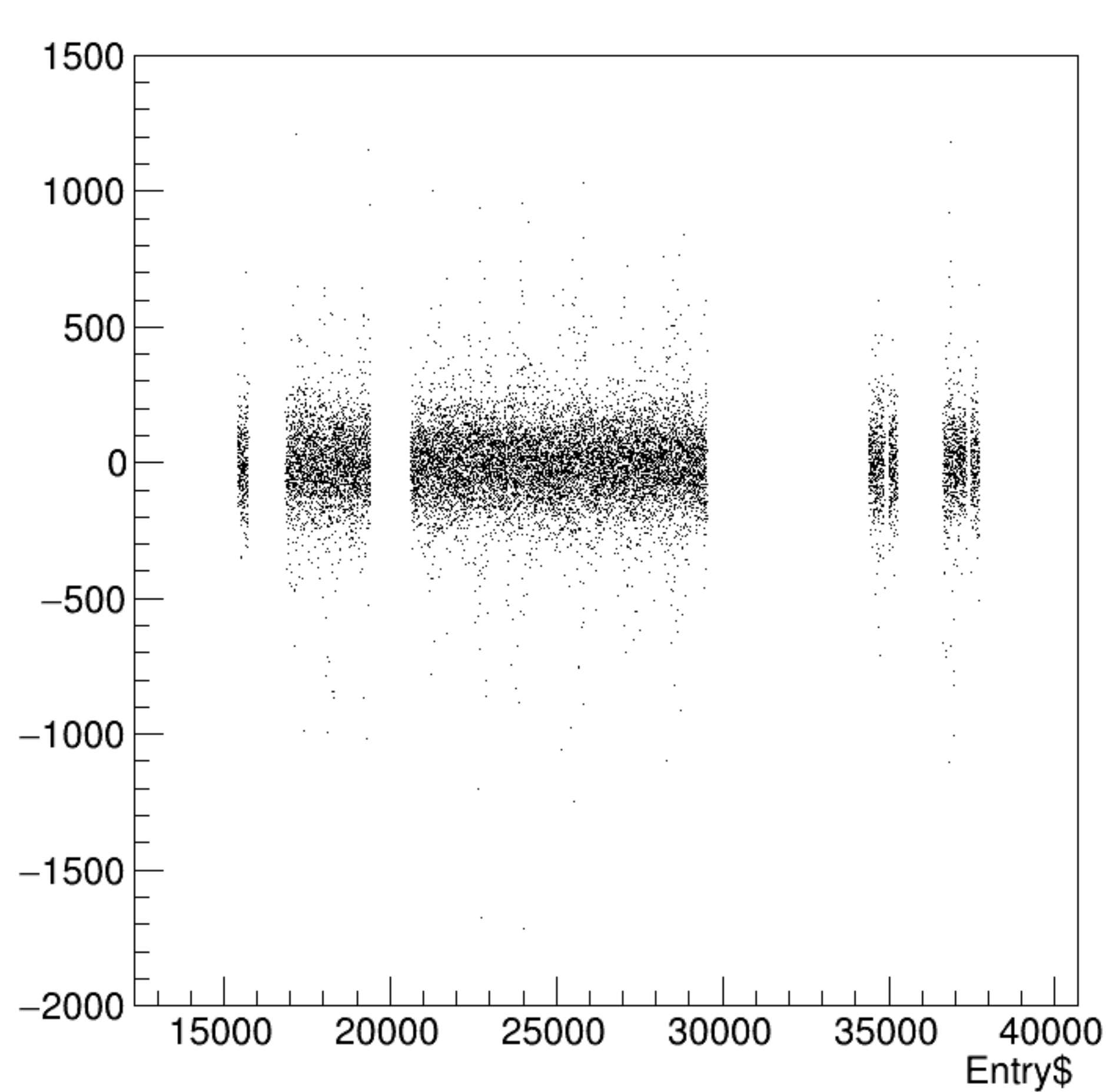
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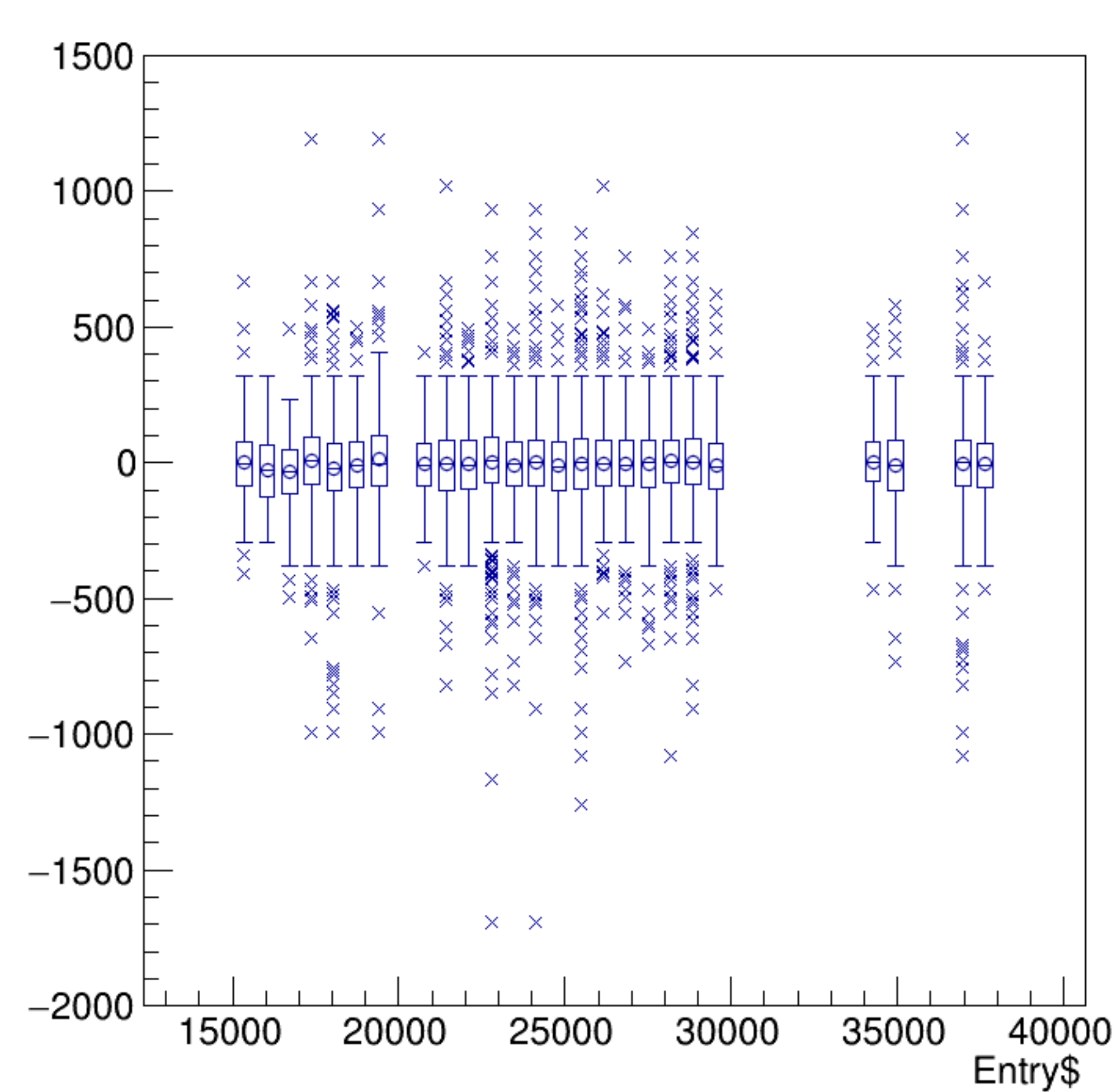
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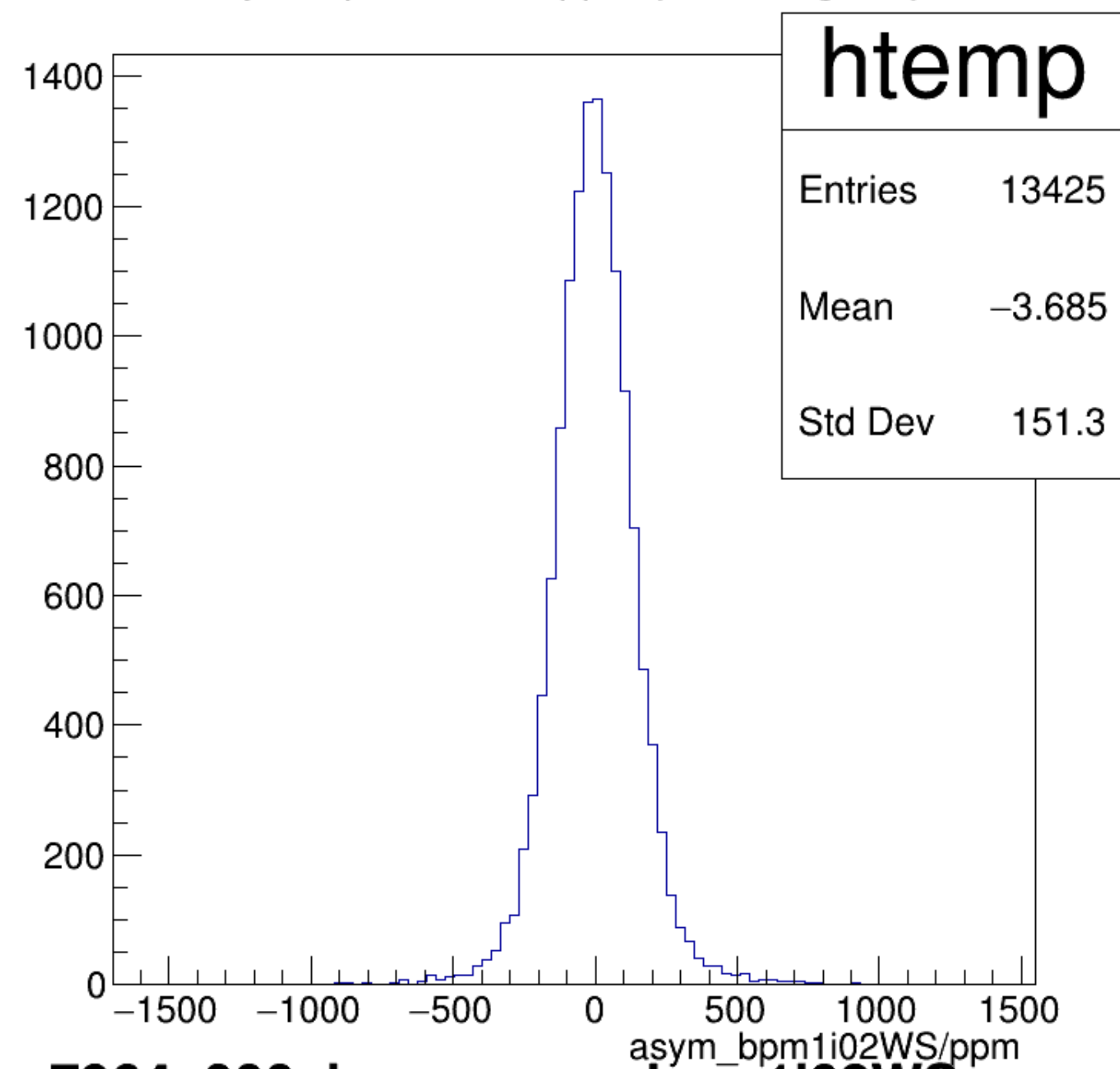
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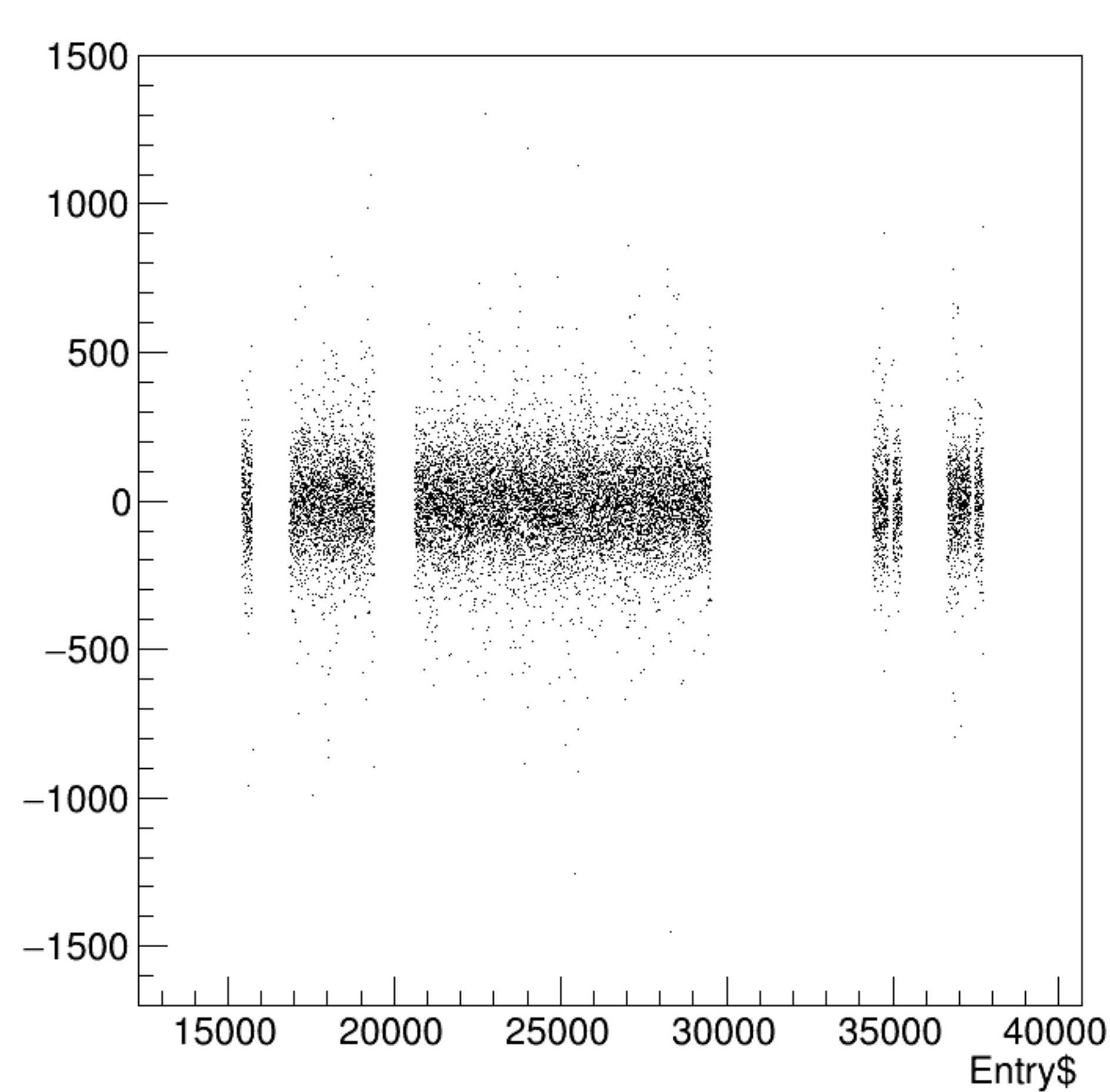


asym_bpm1i02WS/ppm {ErrorFlag==0}

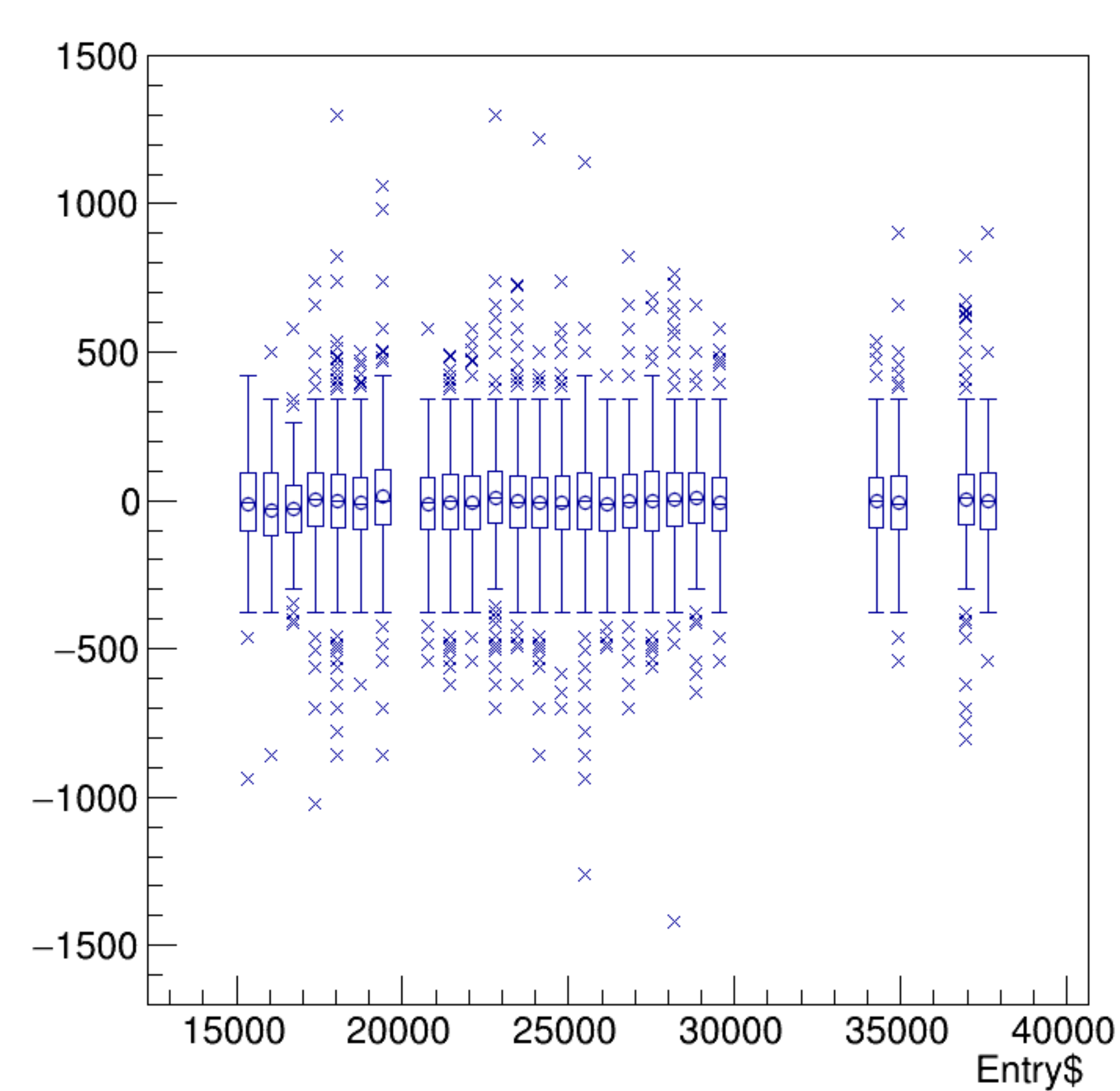


run7964_000_bpm_asym_bpm1i02WS.png

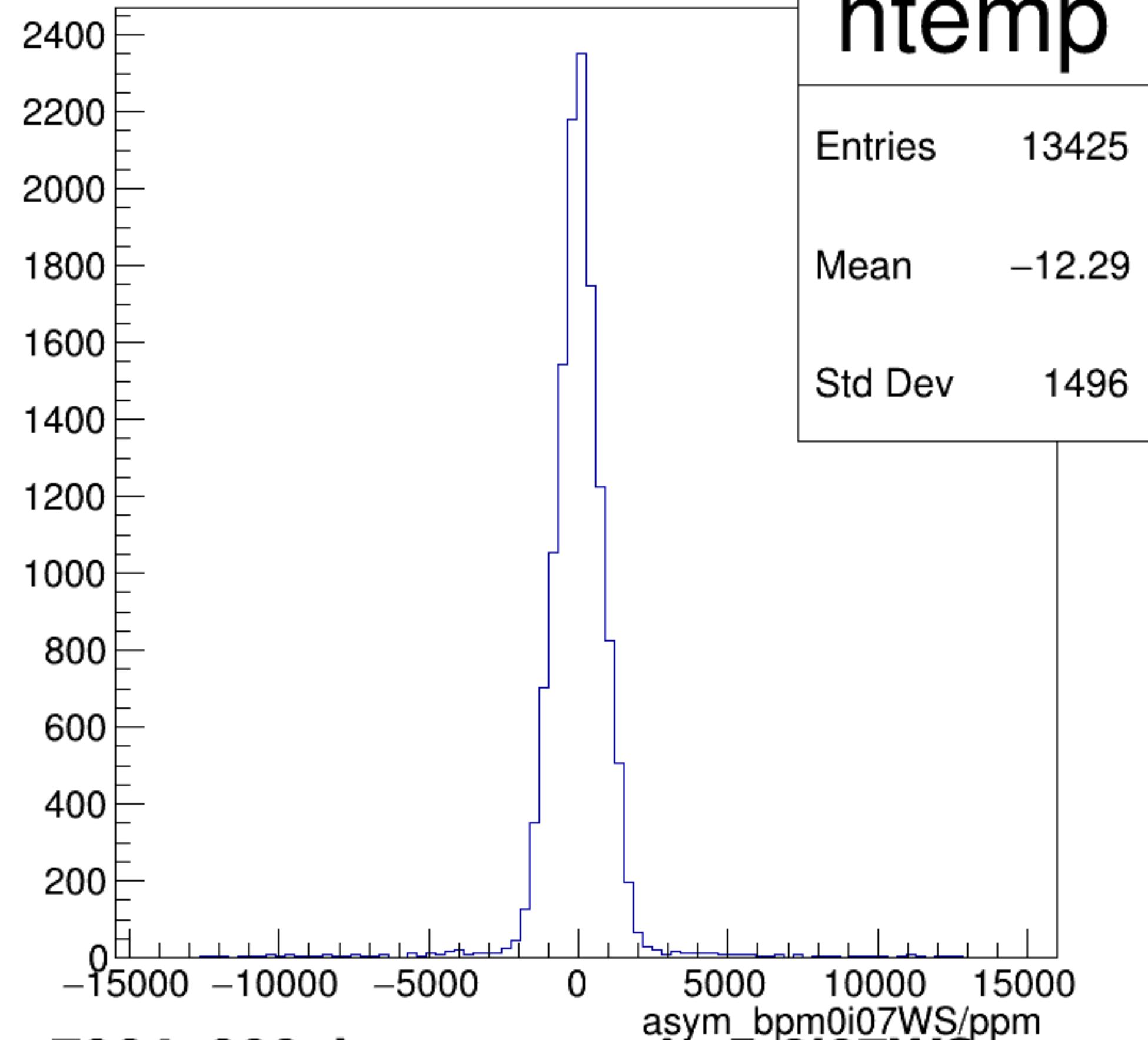
asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}



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

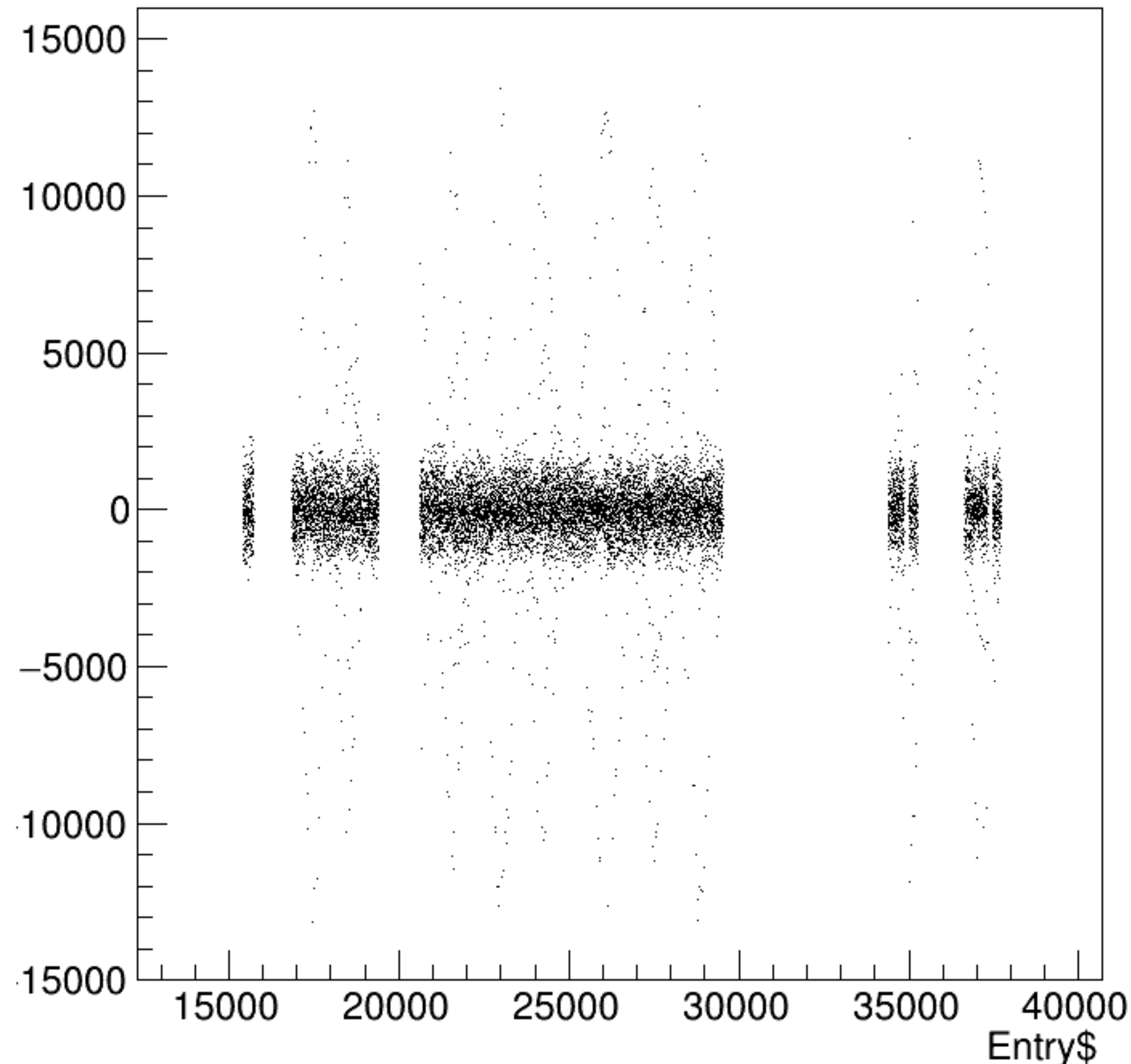


asym_bpm0i07WS/ppm {ErrorFlag==0}

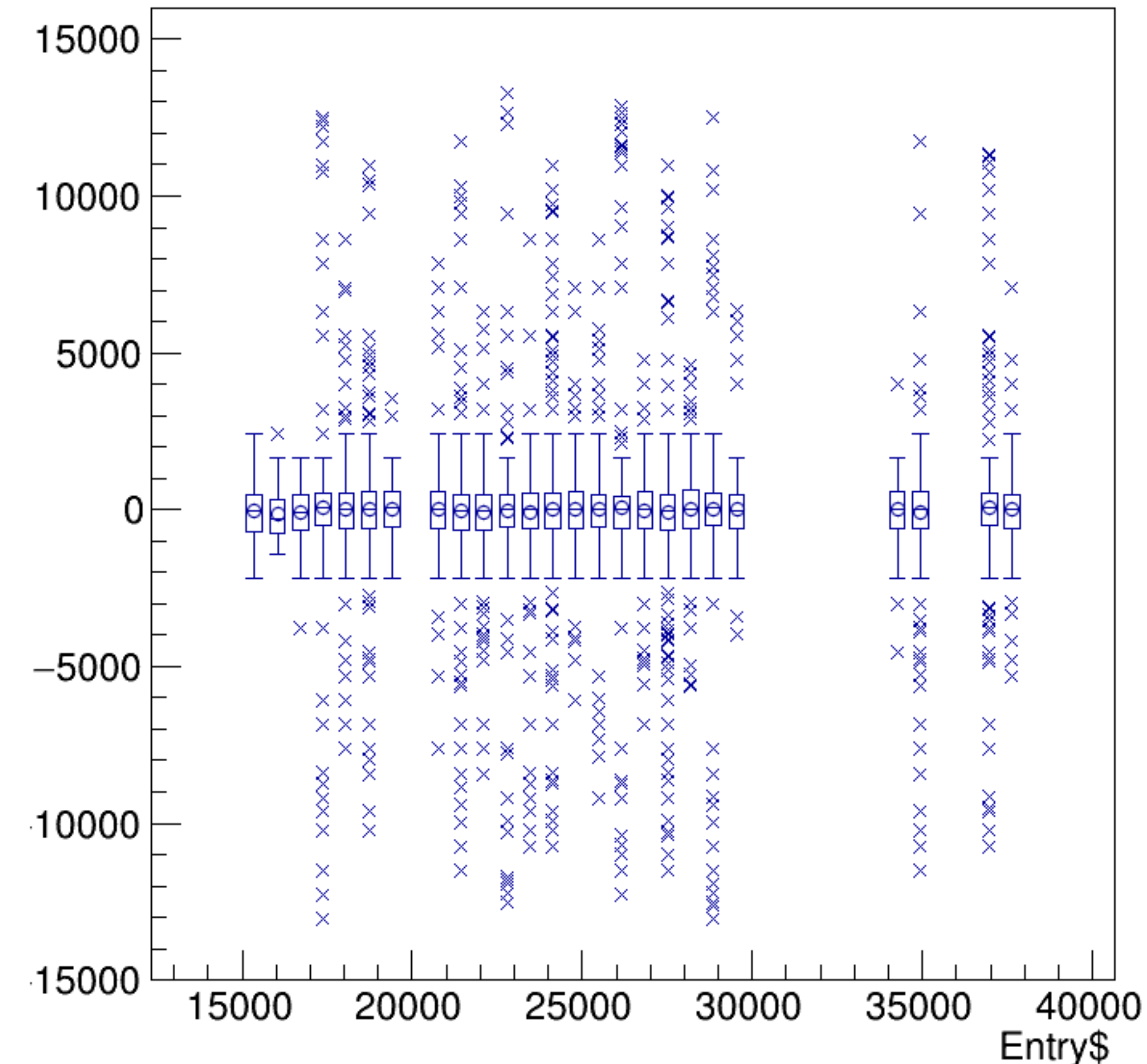


run7964_000_bpm_asym_bpm0i07WS.png

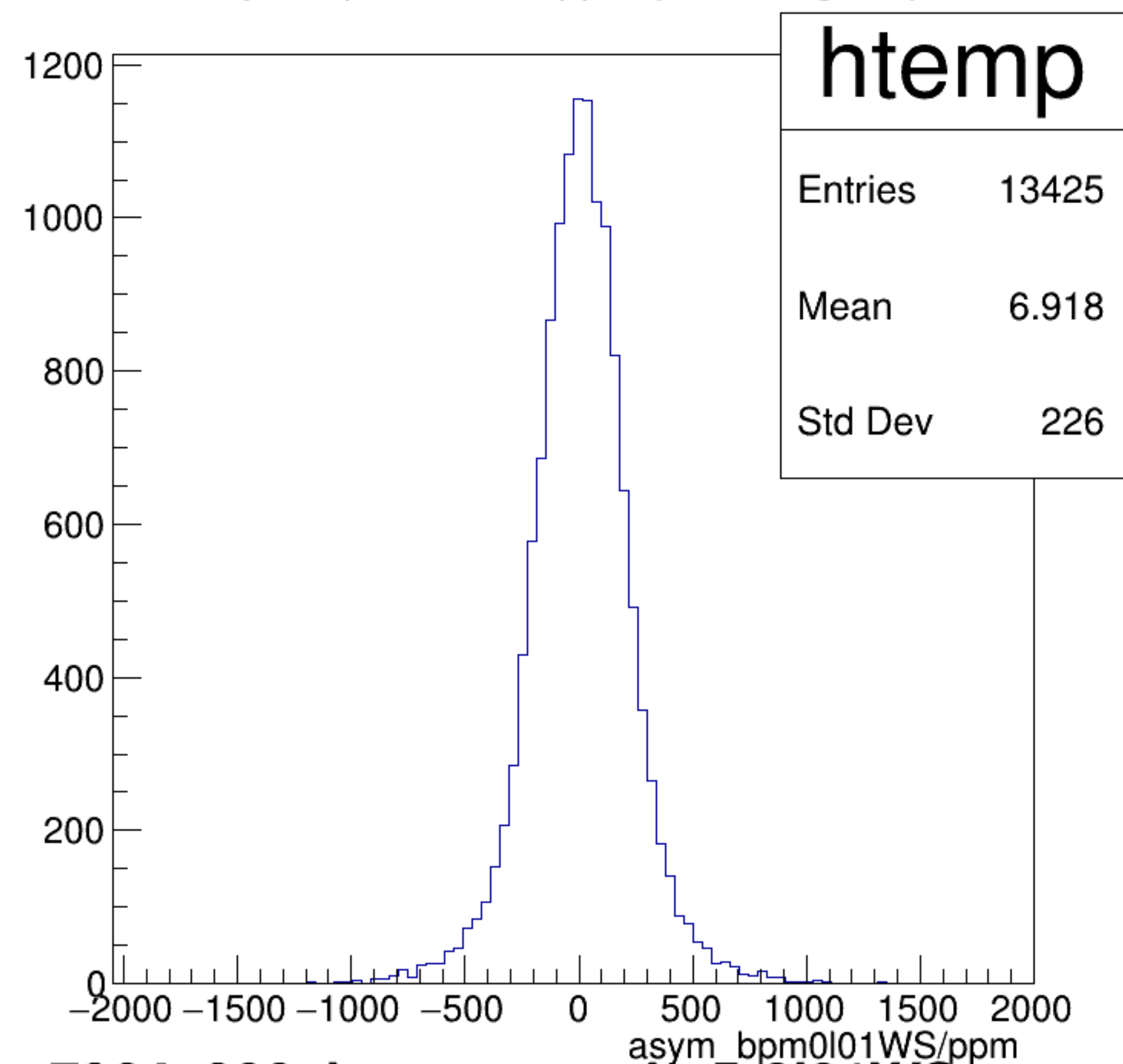
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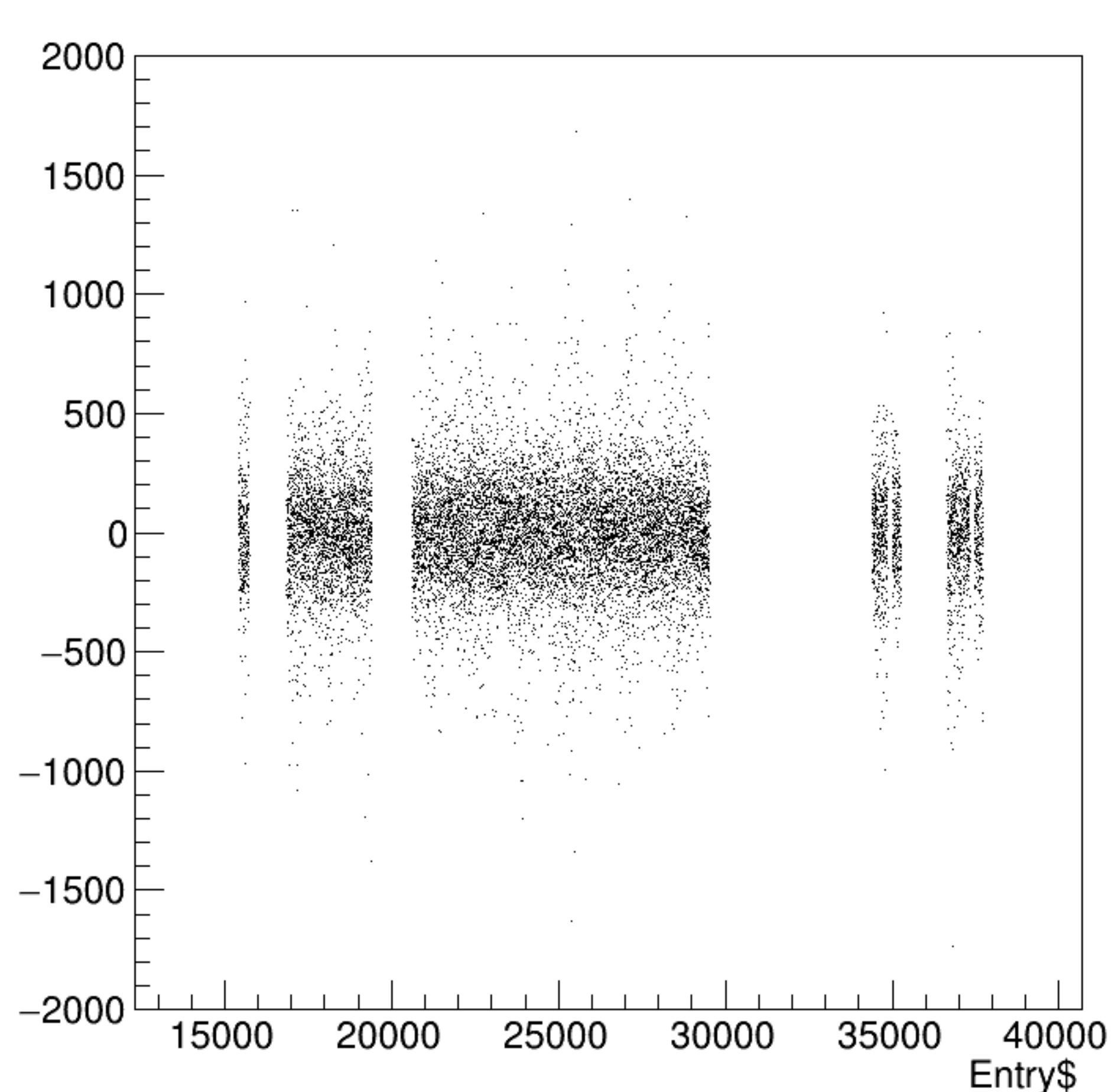
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



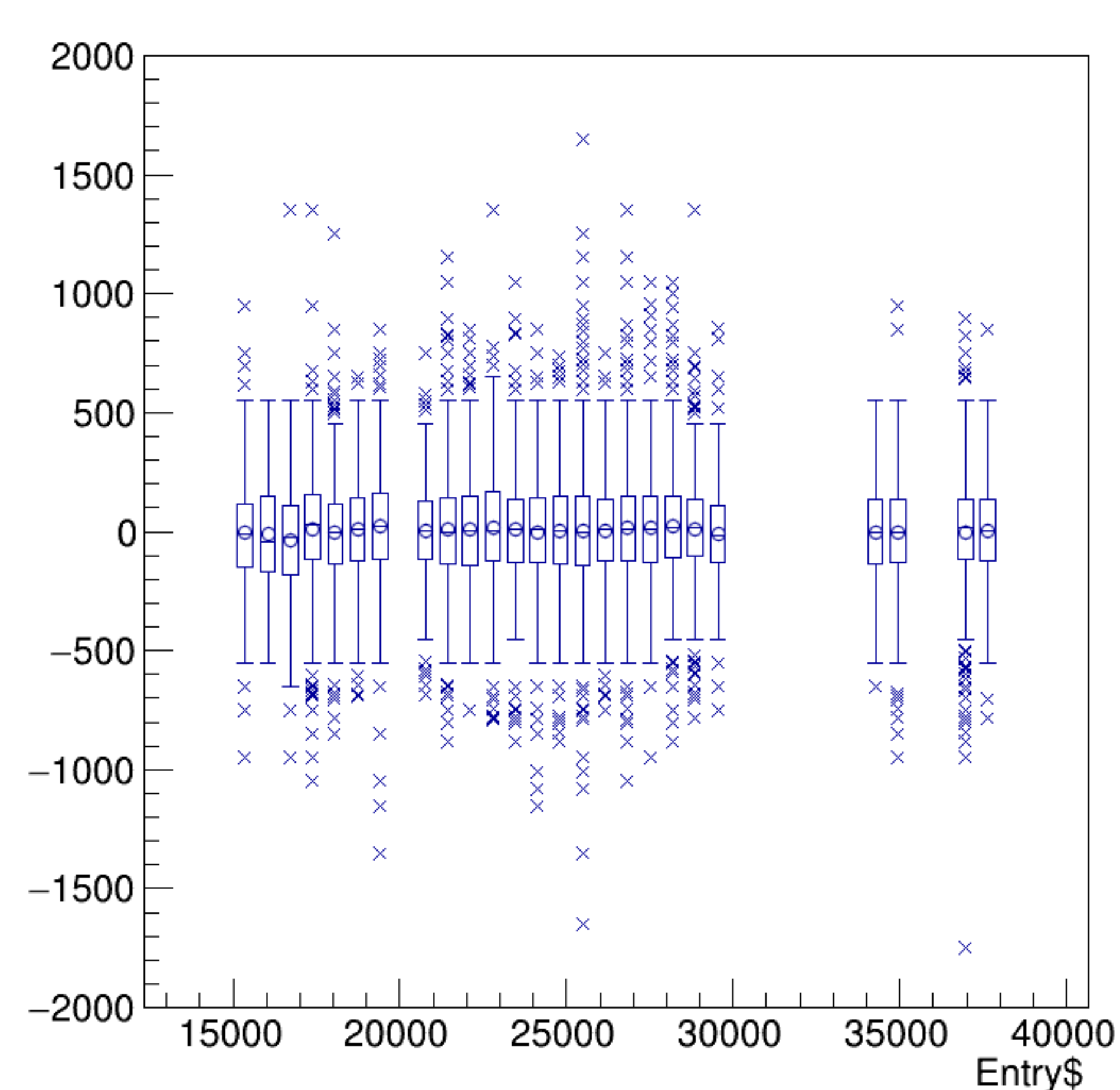
asym_bpm0l01WS/ppm {ErrorFlag==0}



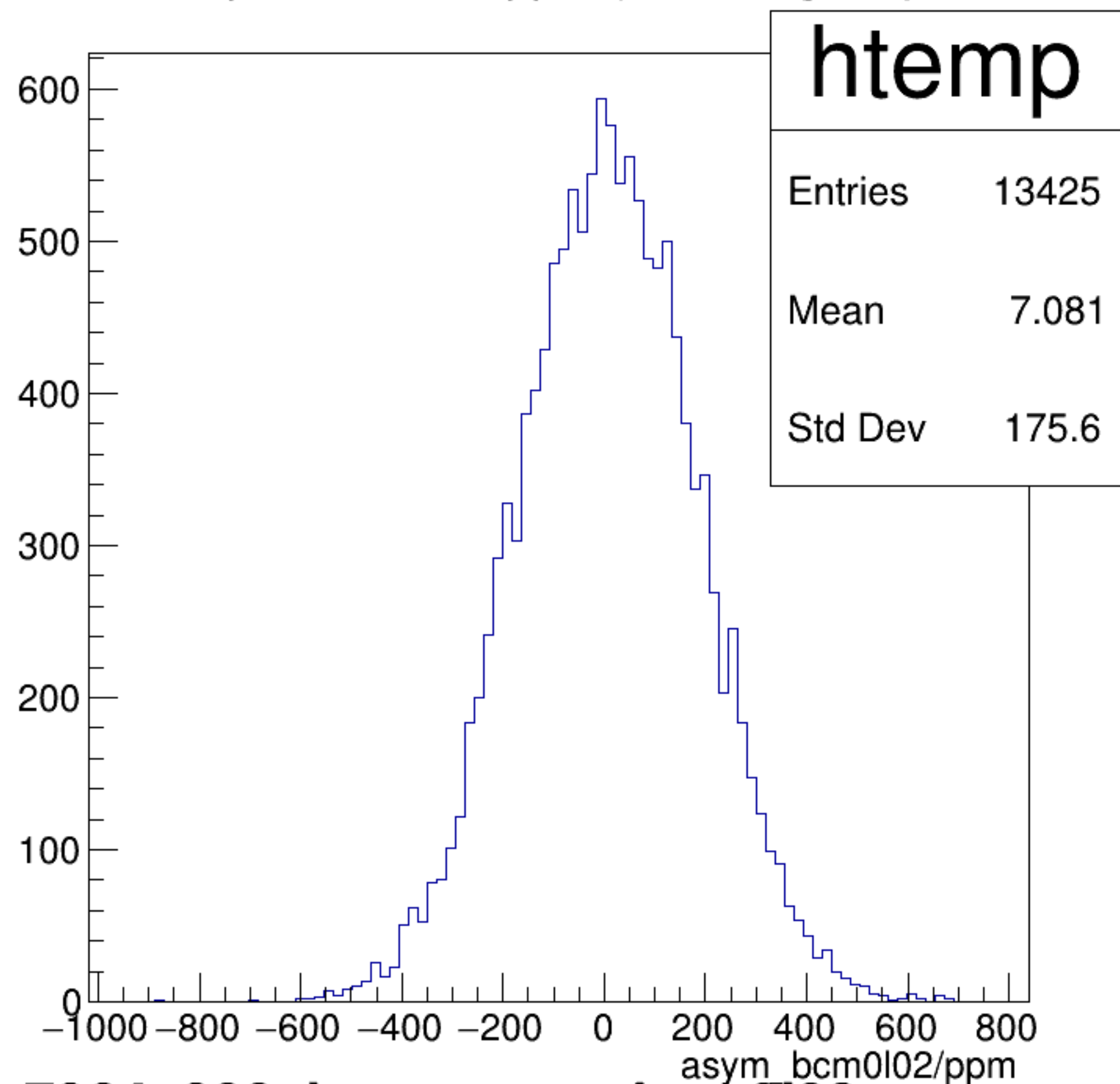
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



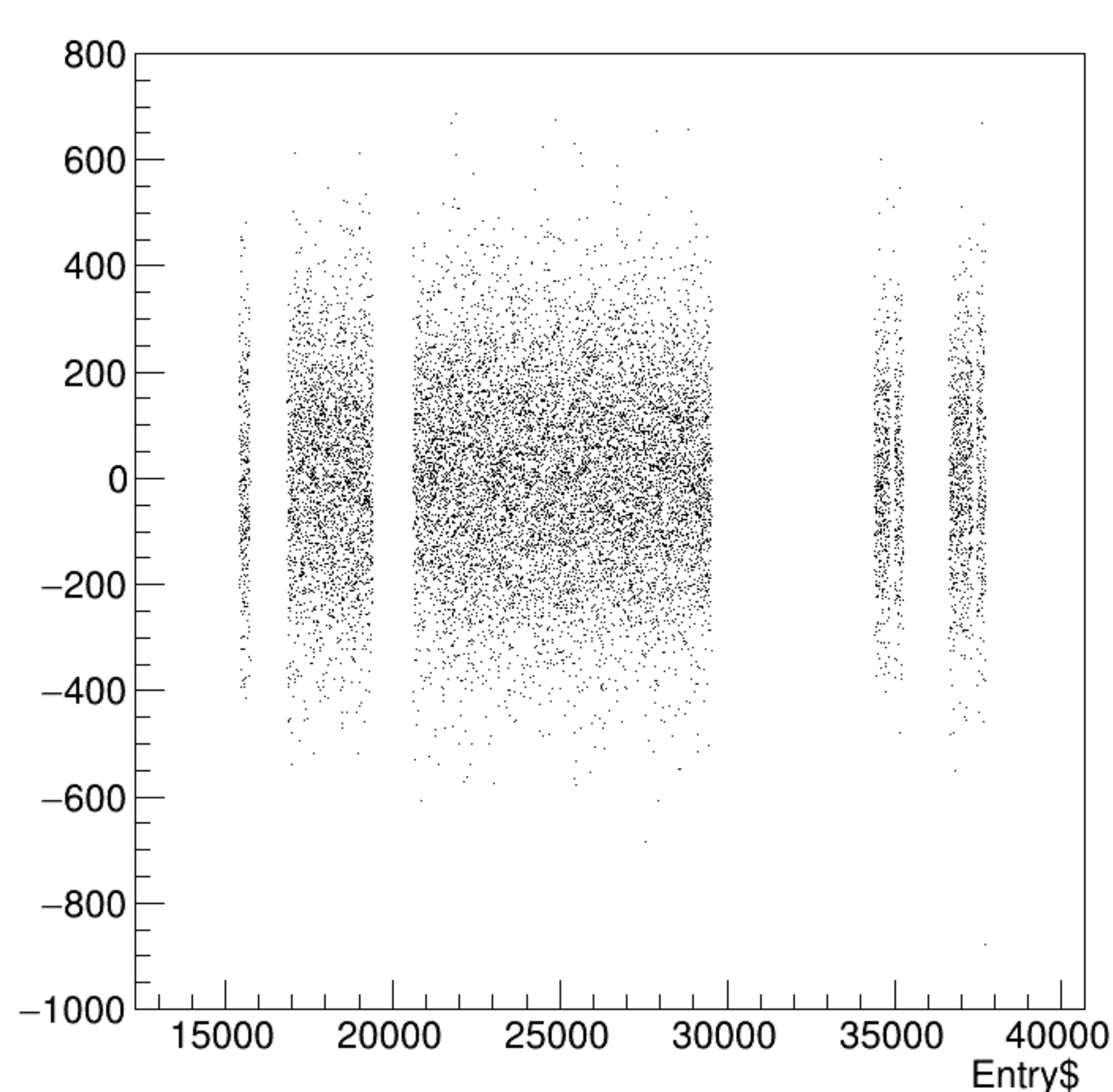
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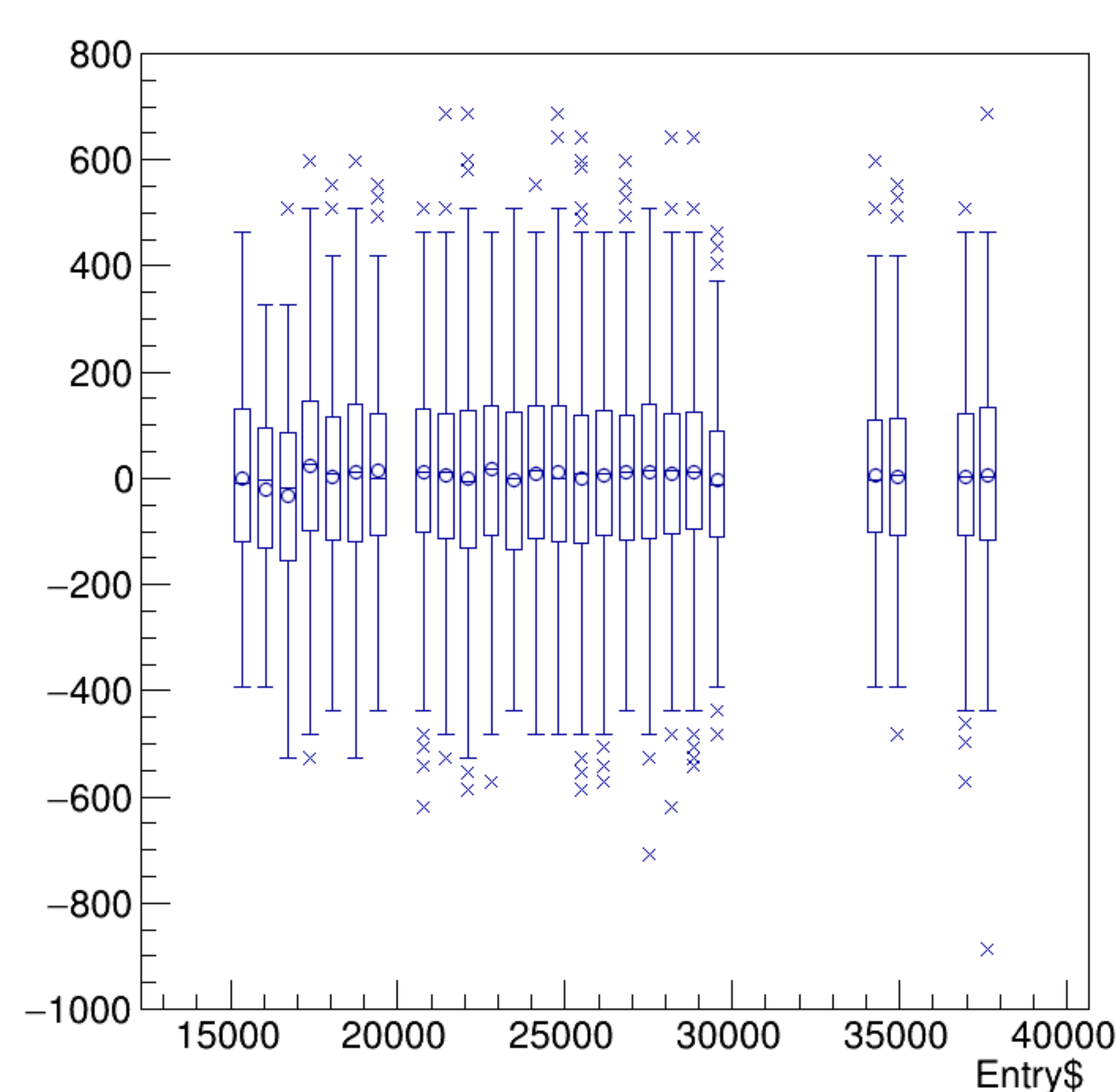
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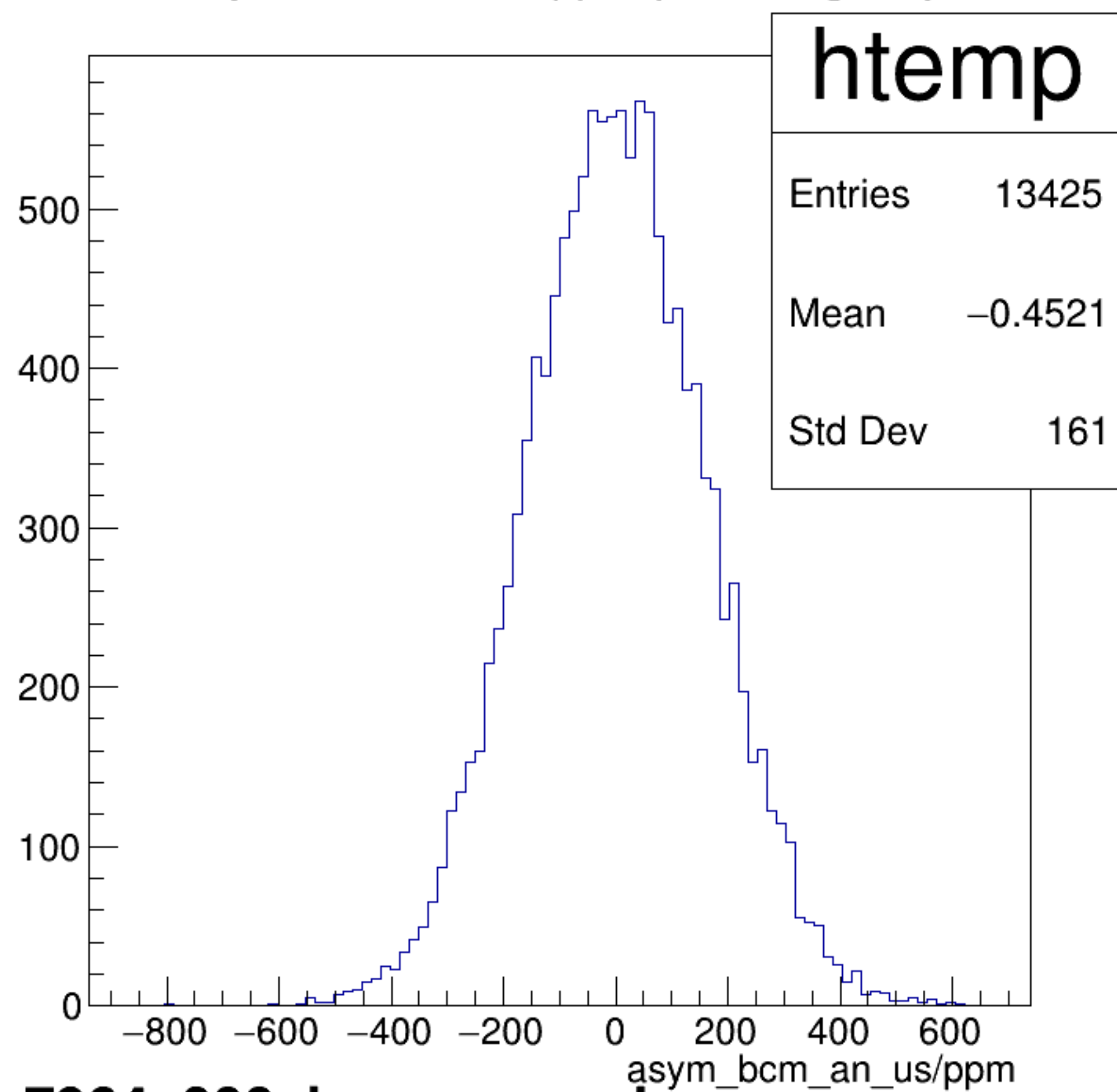
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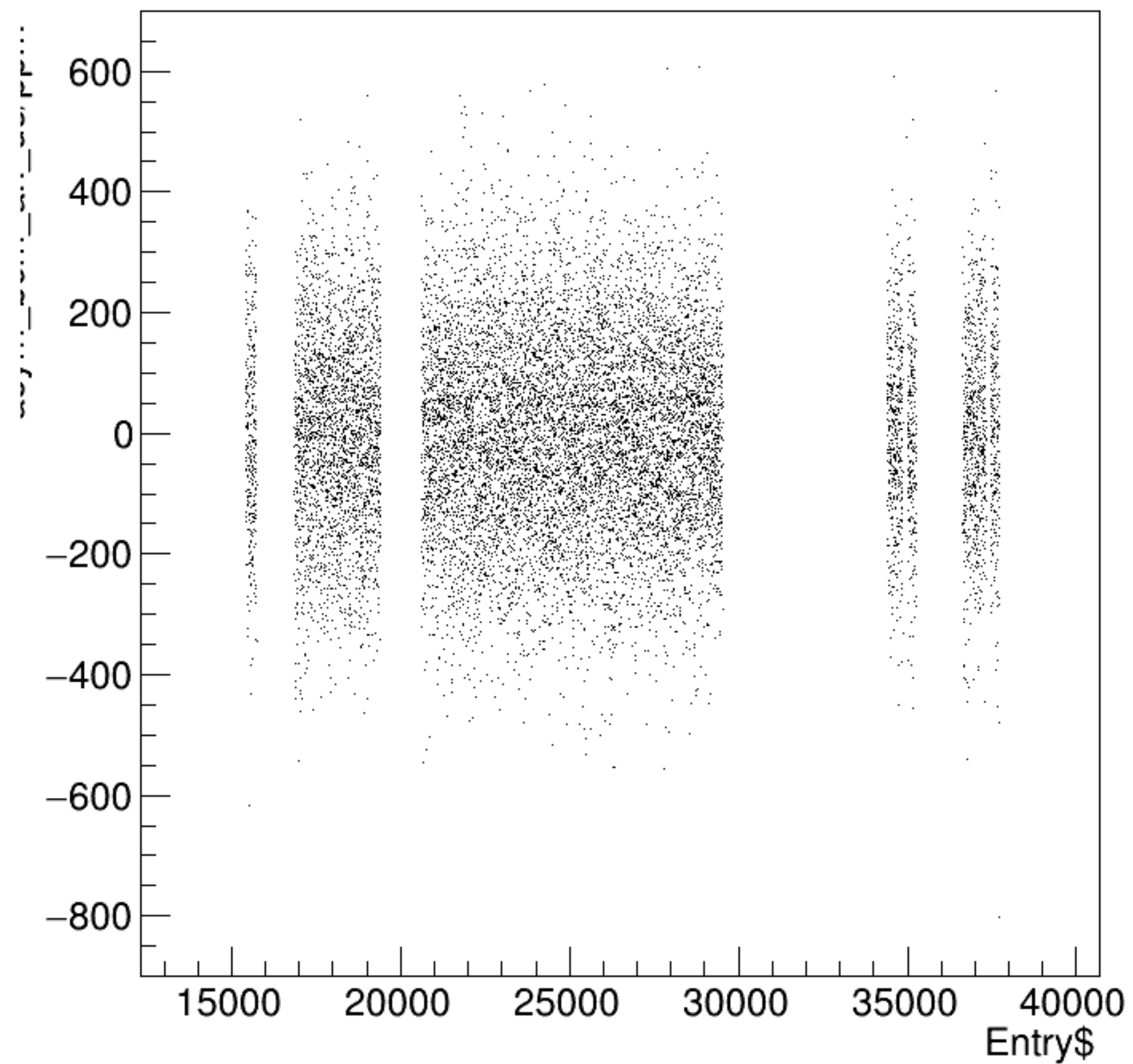
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



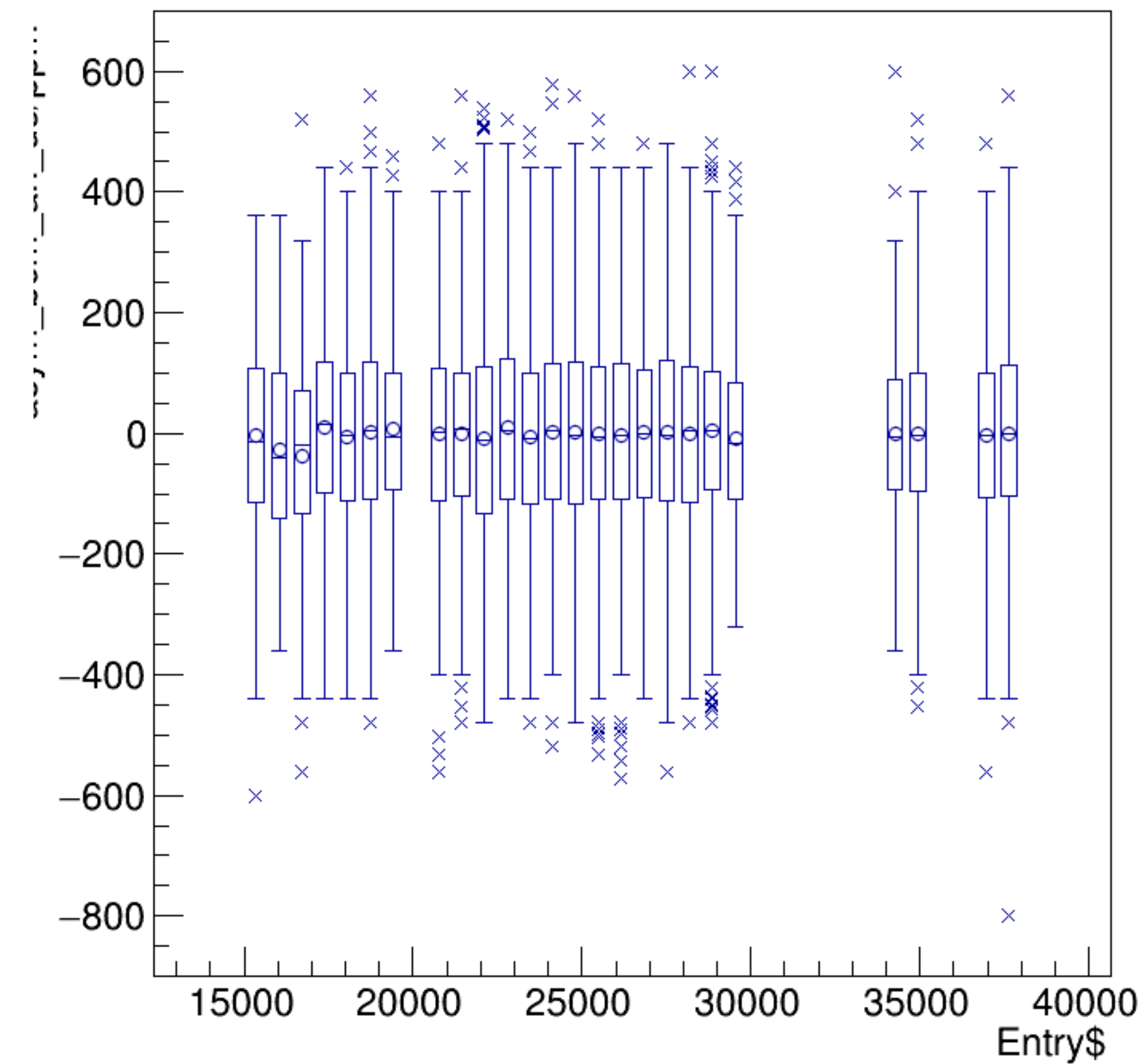
asym_bcm_an_us/ppm {ErrorFlag==0}



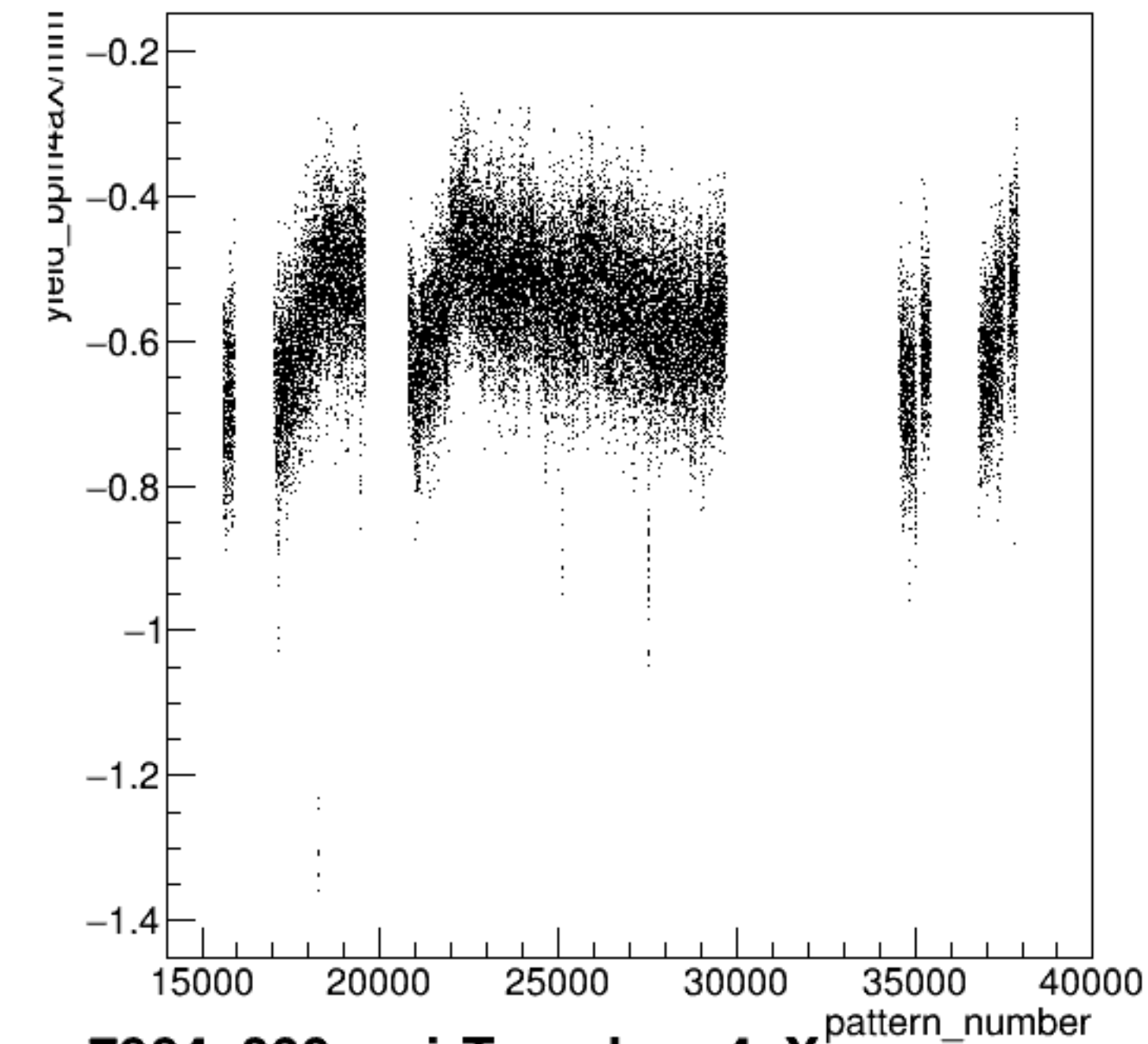
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



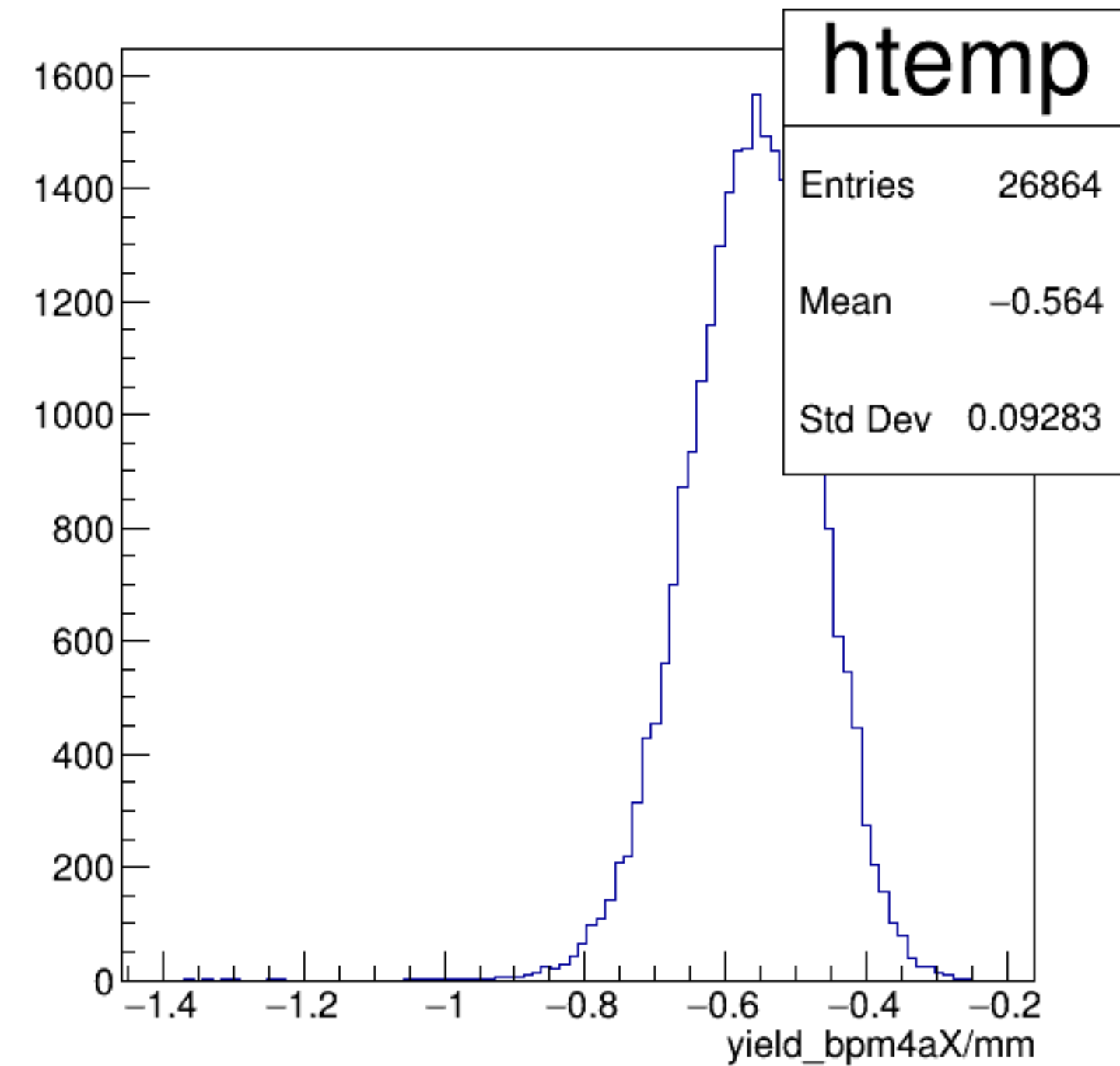
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



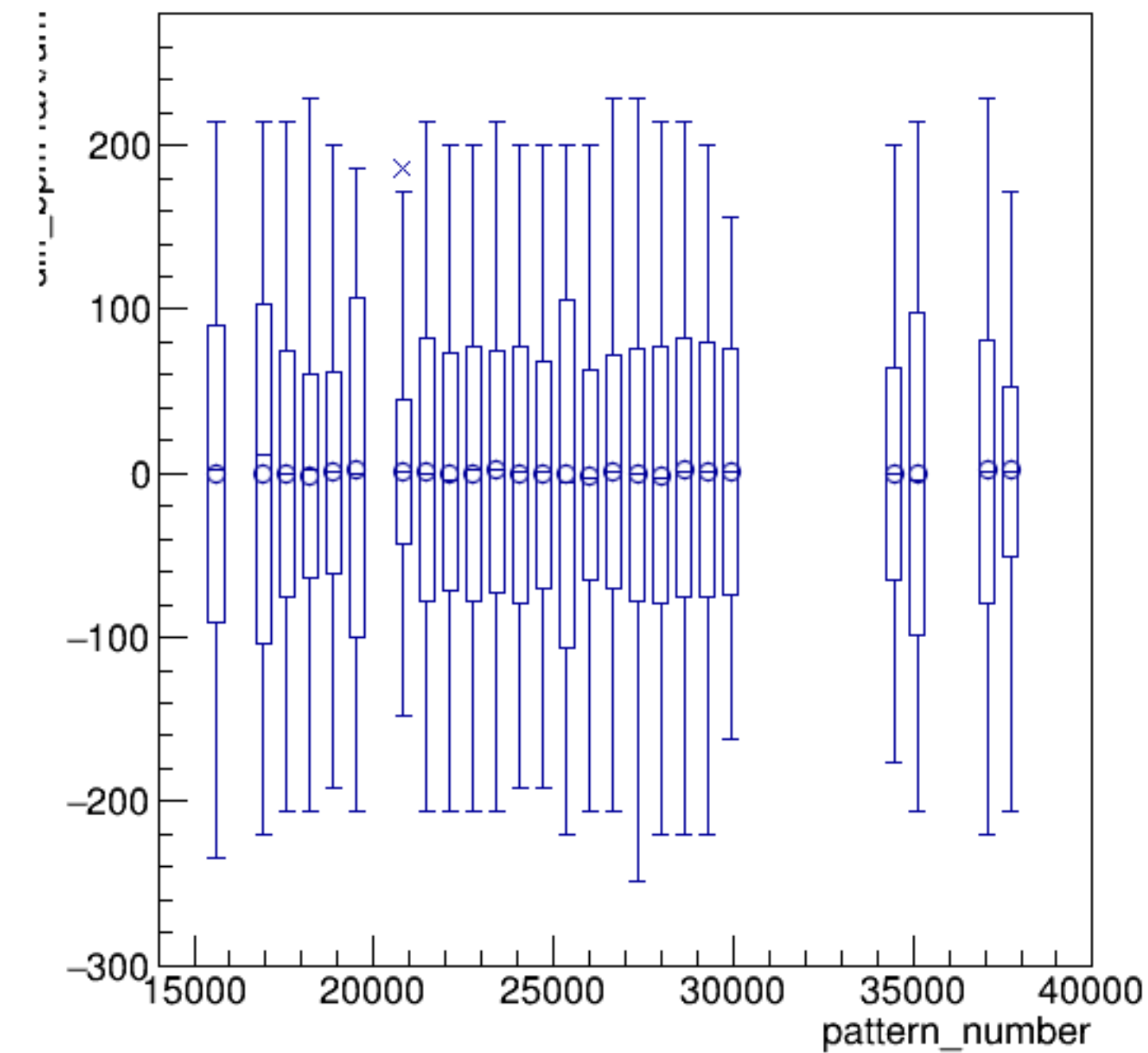
yield_bpm4aX/mm:pattern_number {ErrorFlag==0}



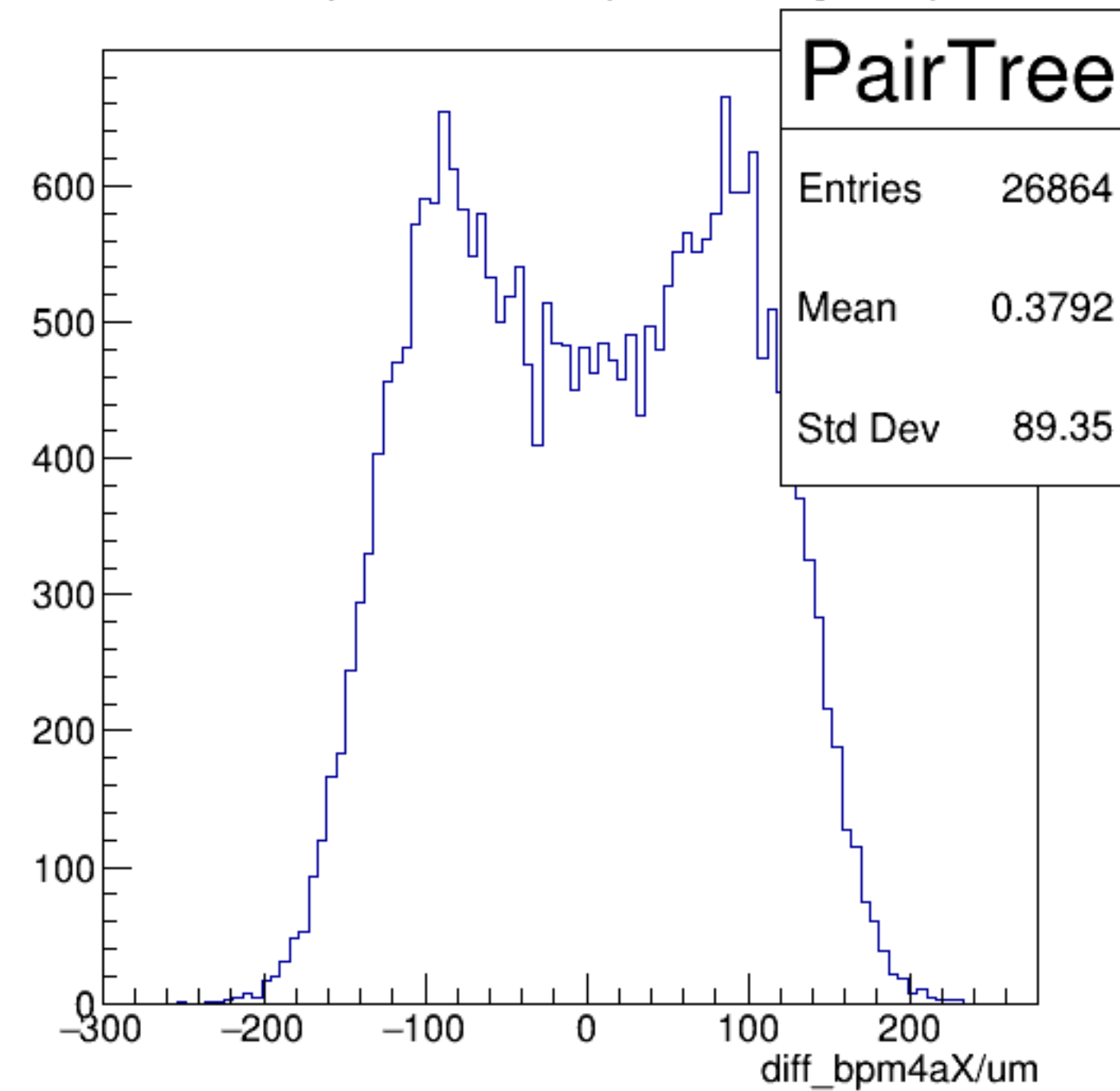
yield_bpm4aX/mm {ErrorFlag==0}

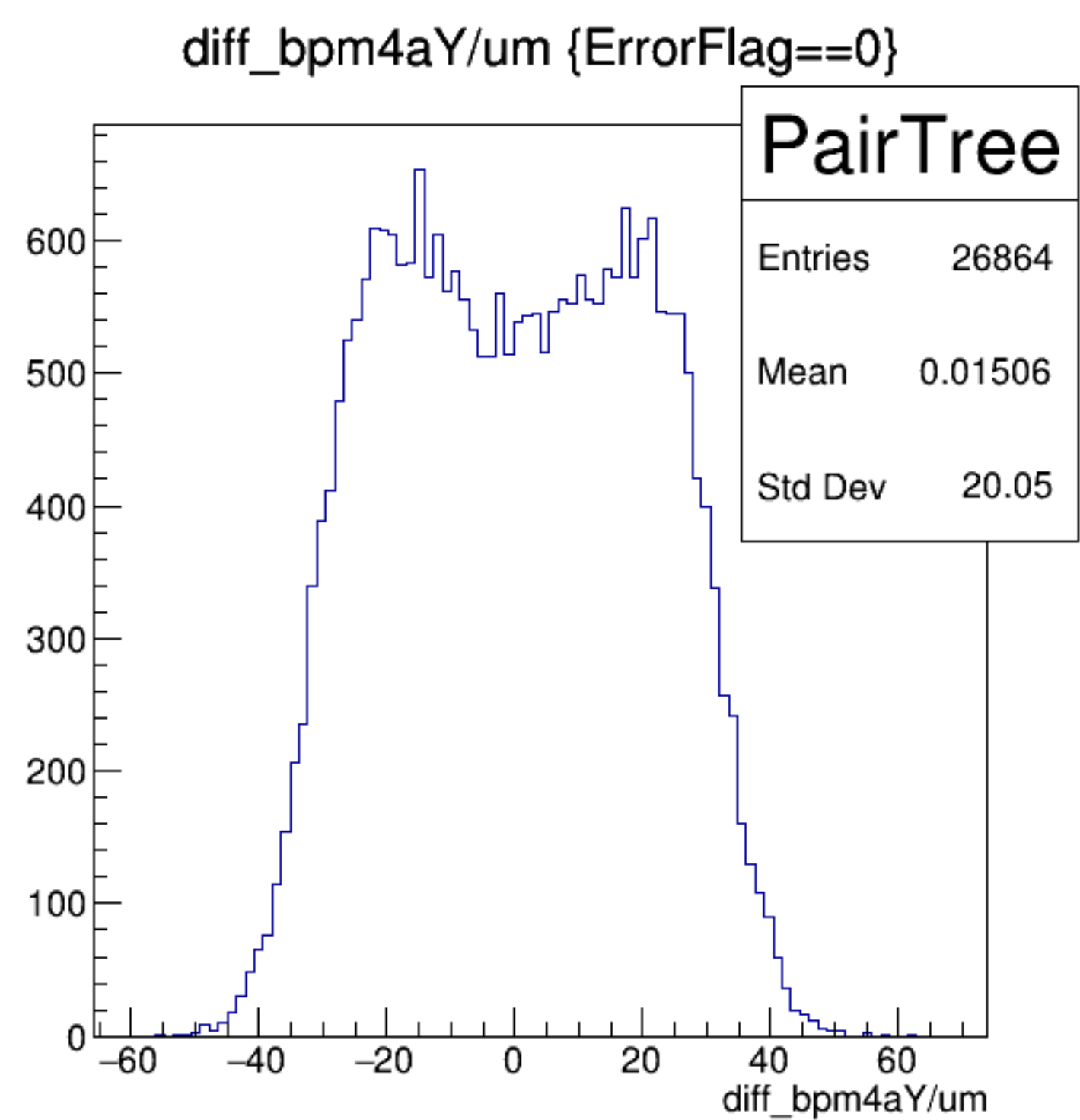
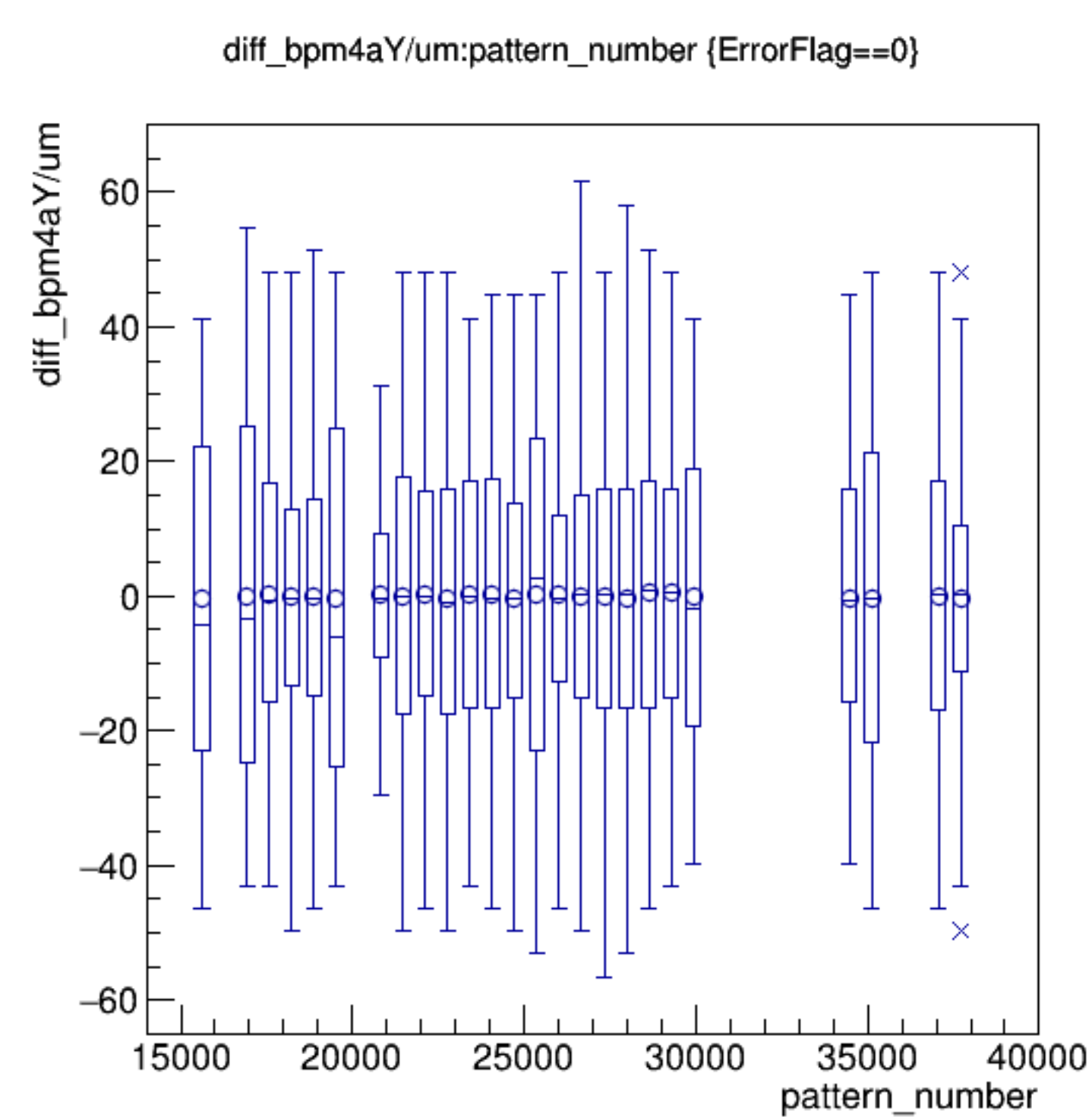
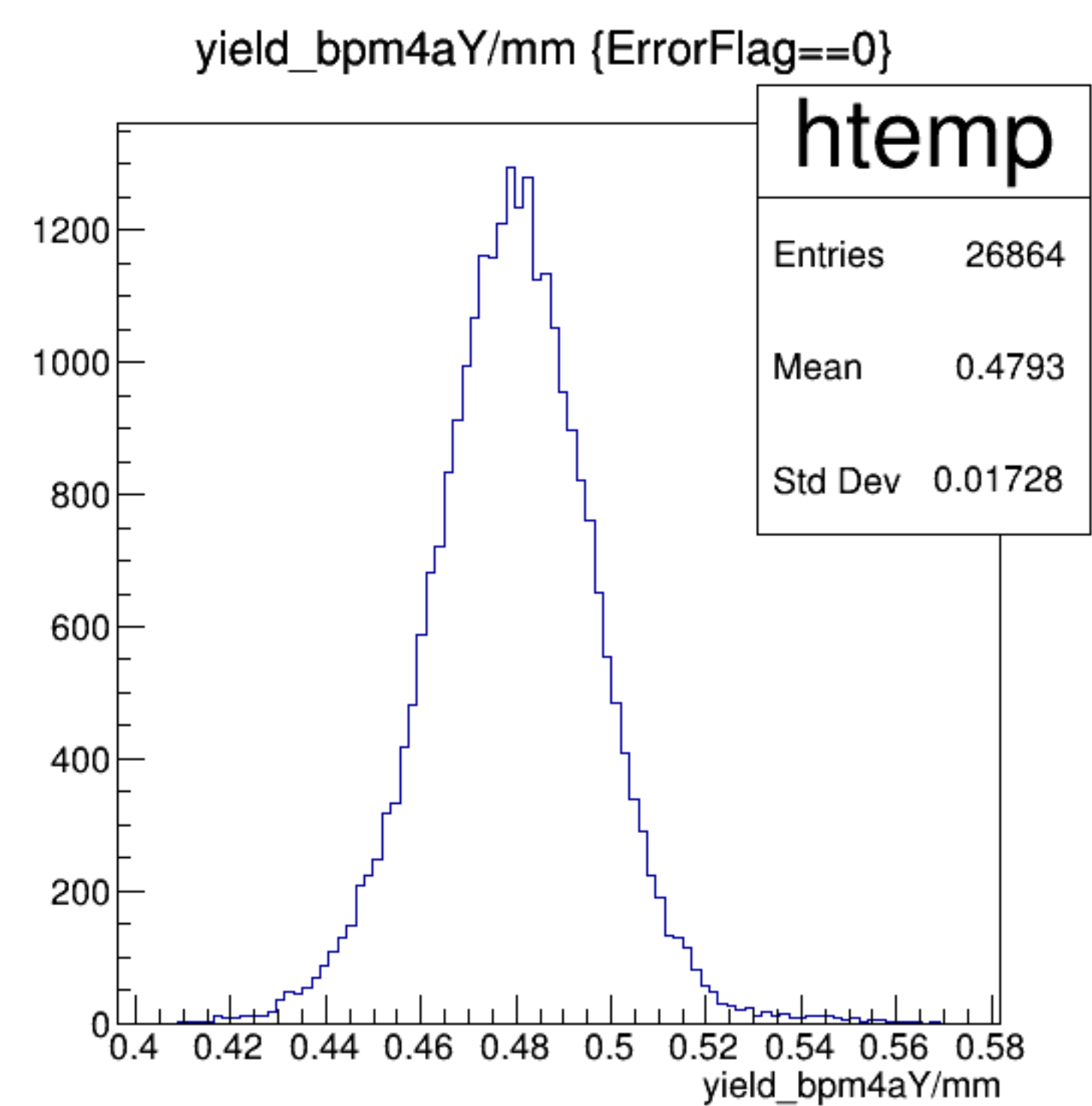
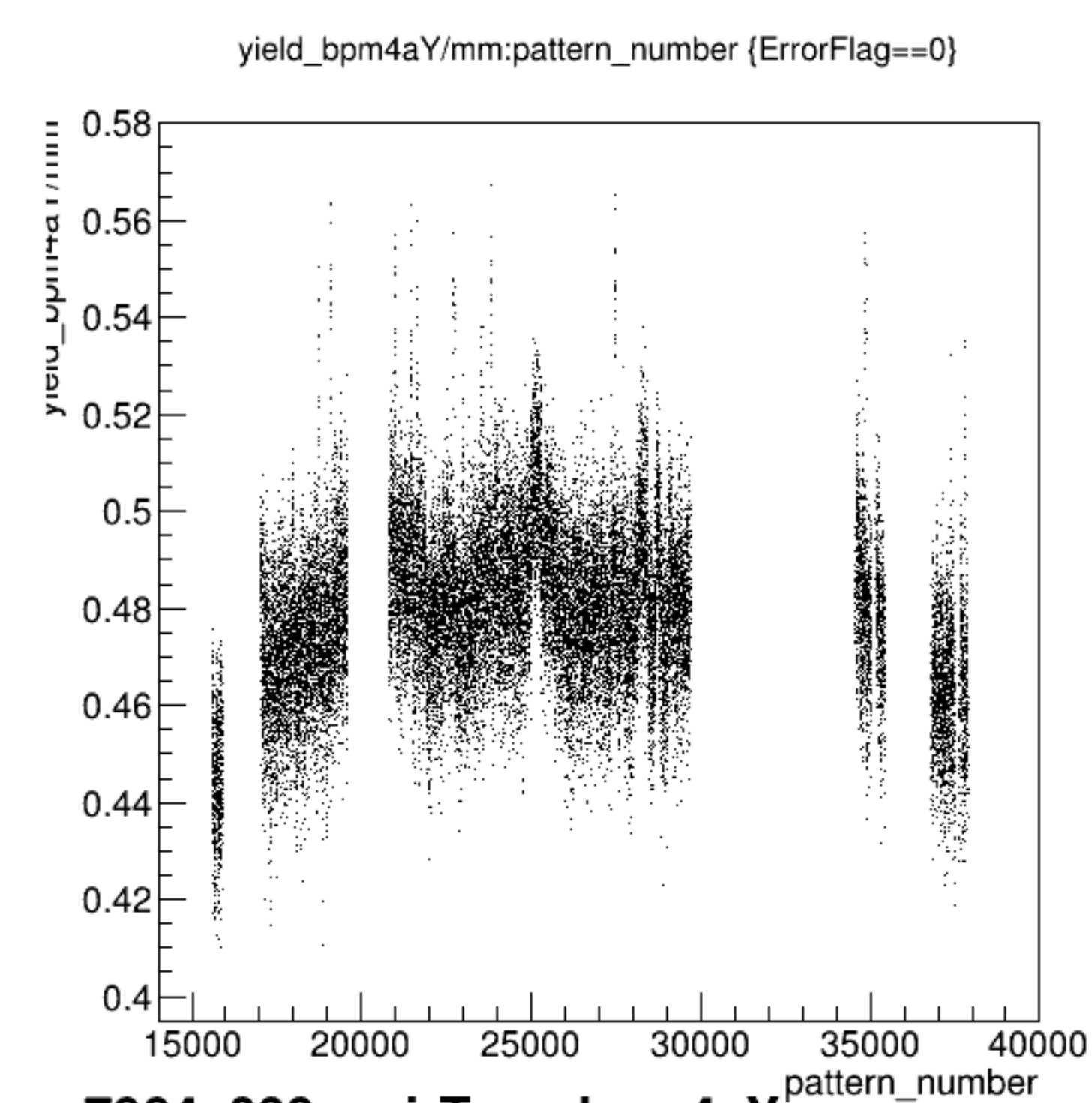


diff_bpm4aX/um:pattern_number {ErrorFlag==0}

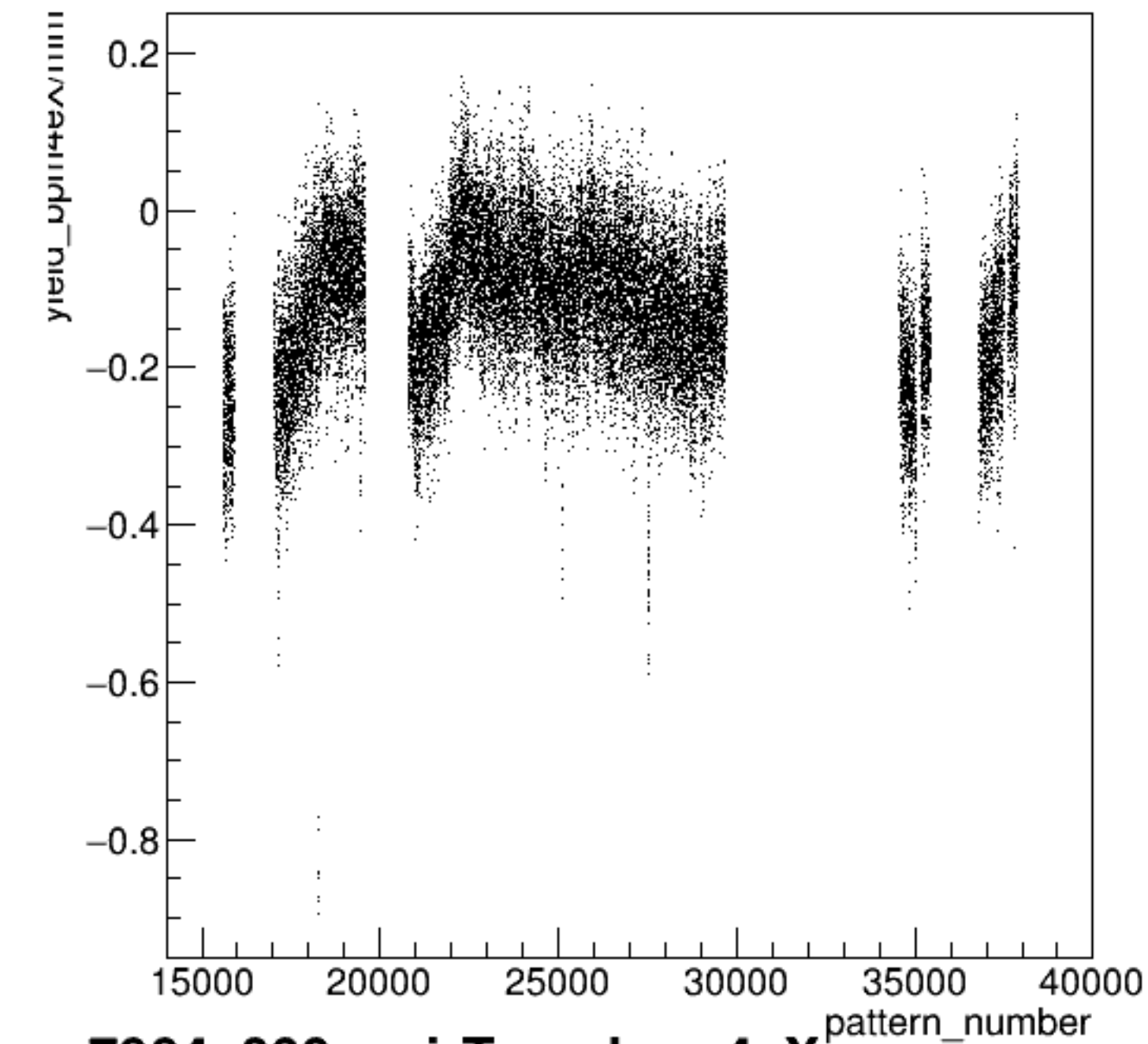


diff_bpm4aX/um {ErrorFlag==0}

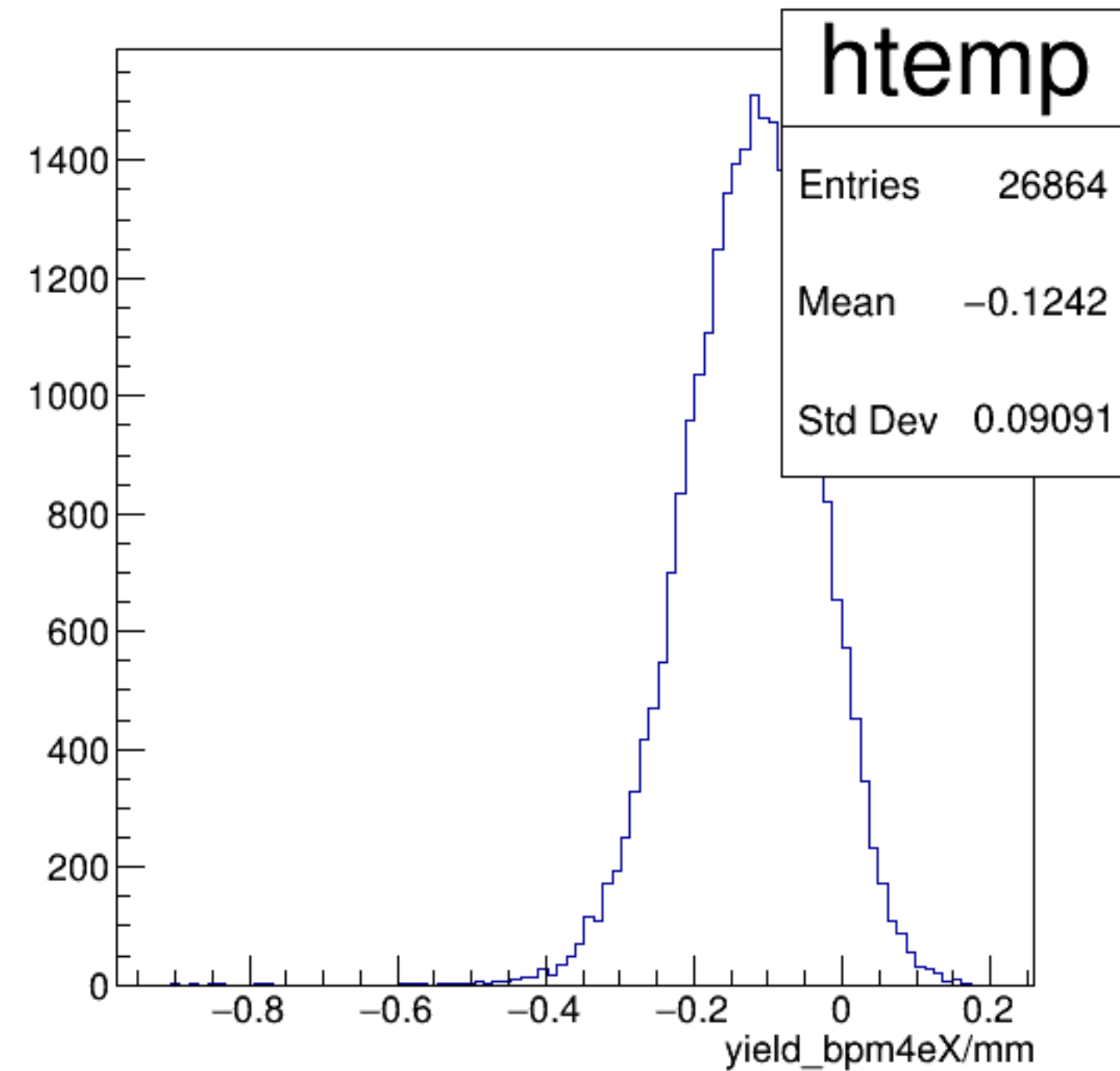




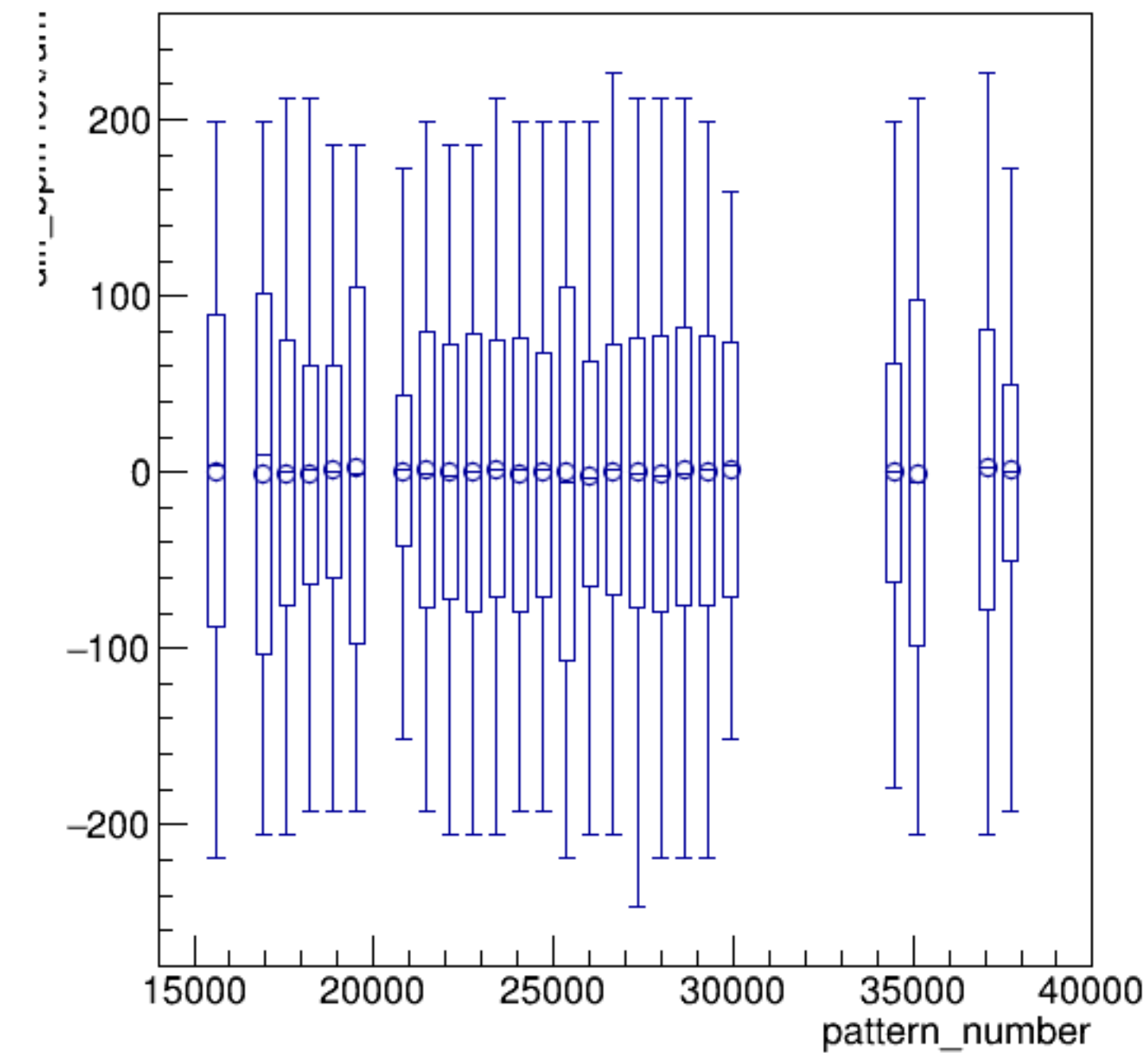
yield_bpm4eX/mm:pattern_number {ErrorFlag==0}



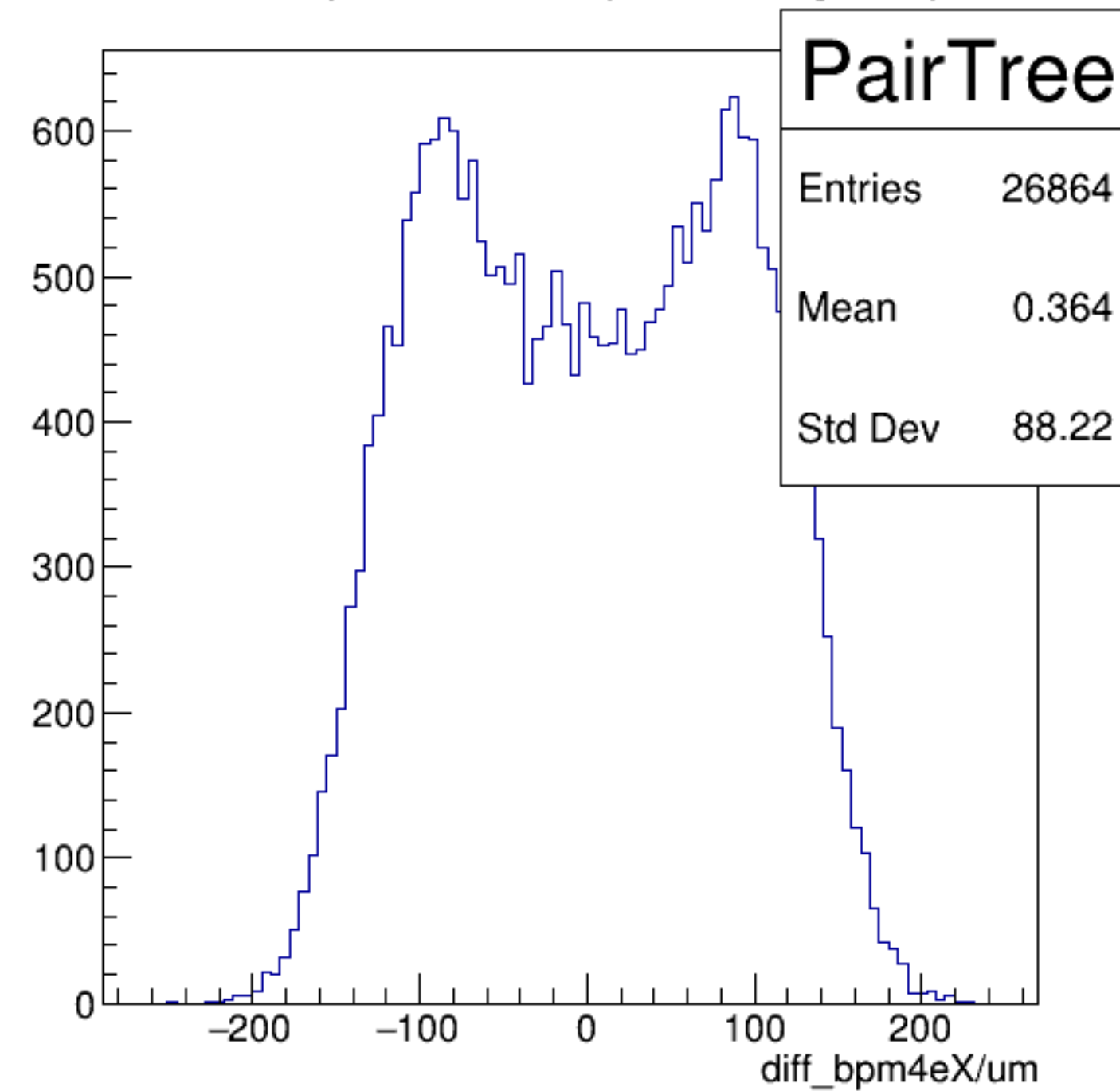
yield_bpm4eX/mm {ErrorFlag==0}

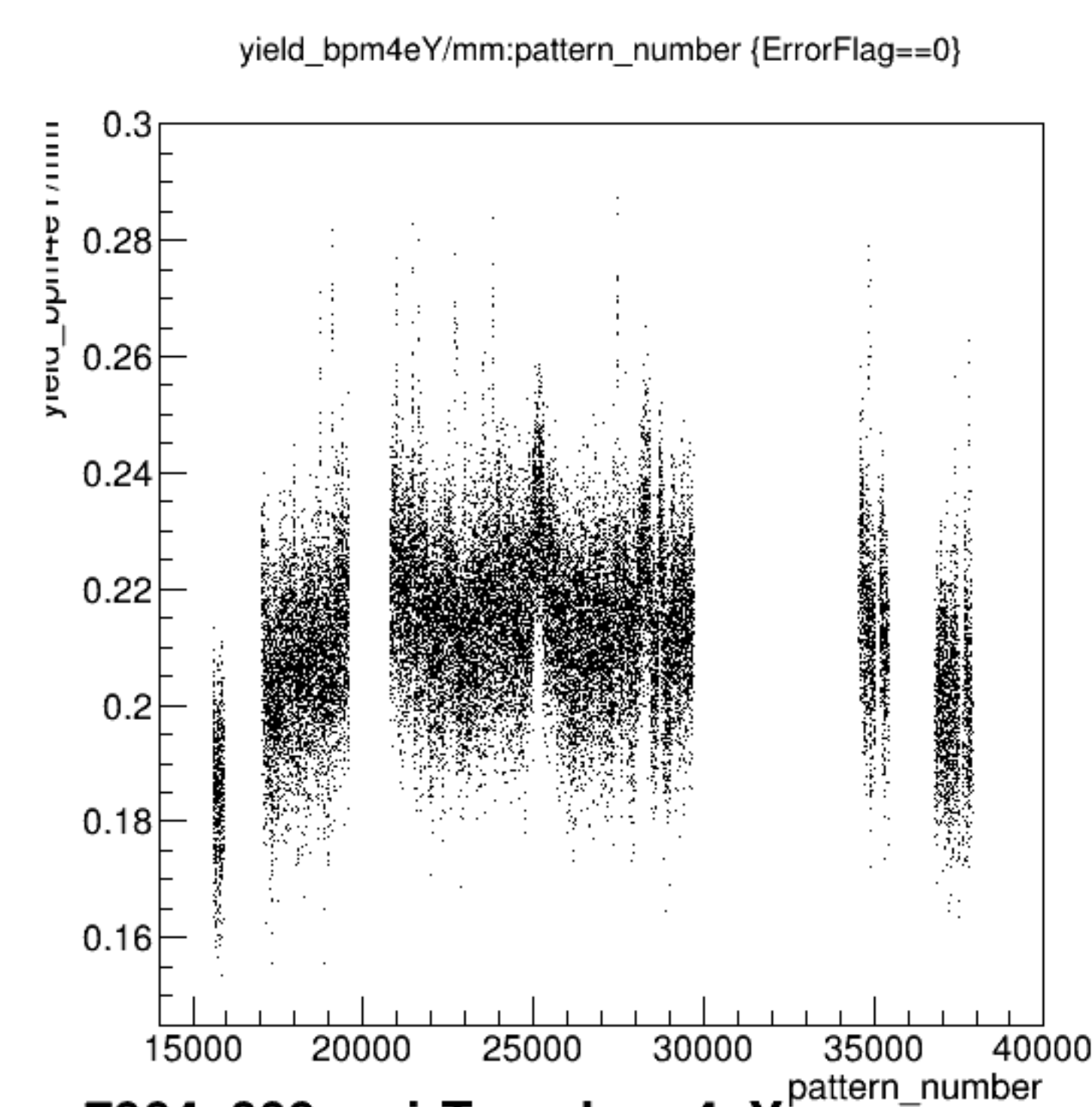


diff_bpm4eX/um:pattern_number {ErrorFlag==0}

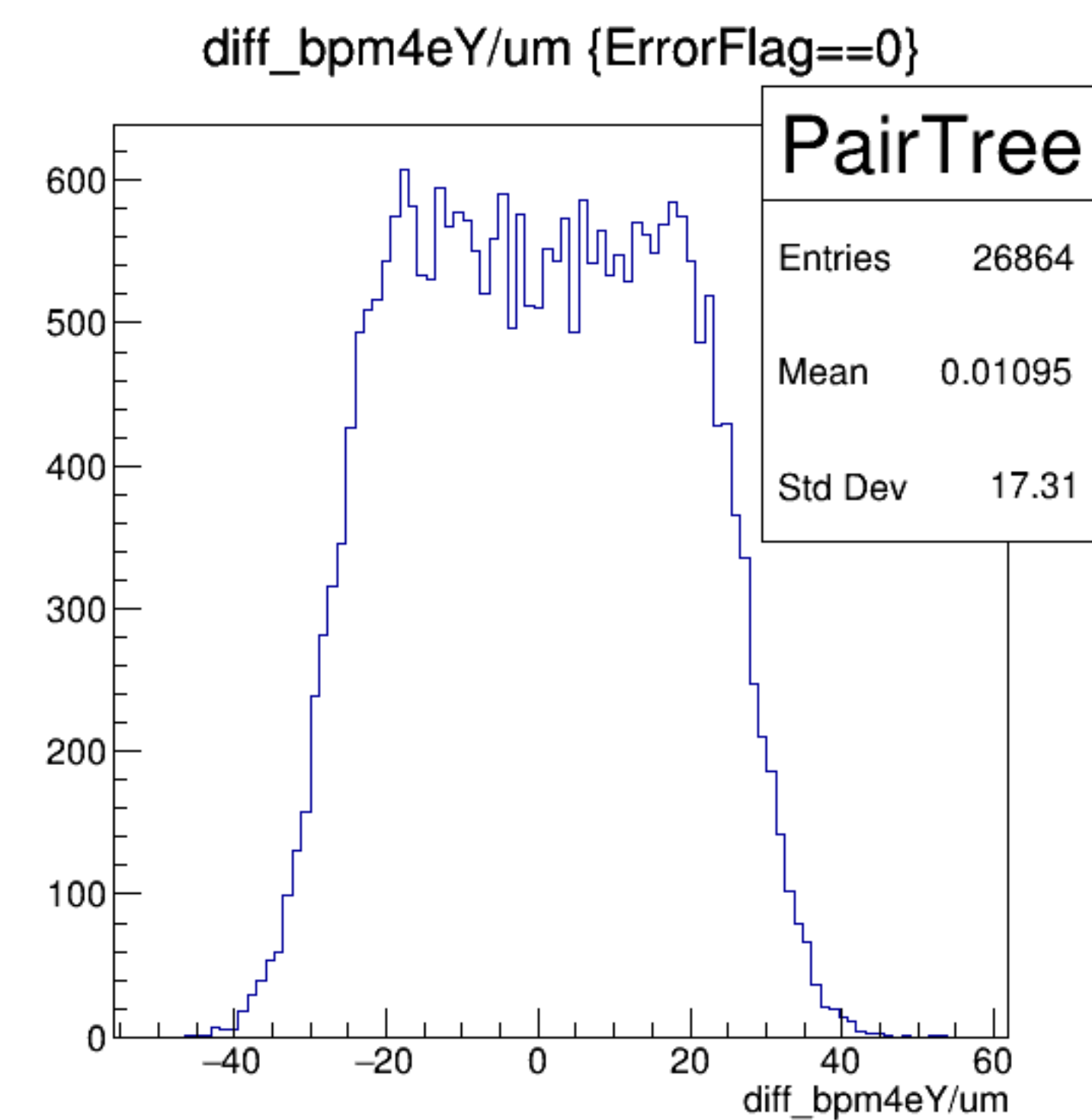
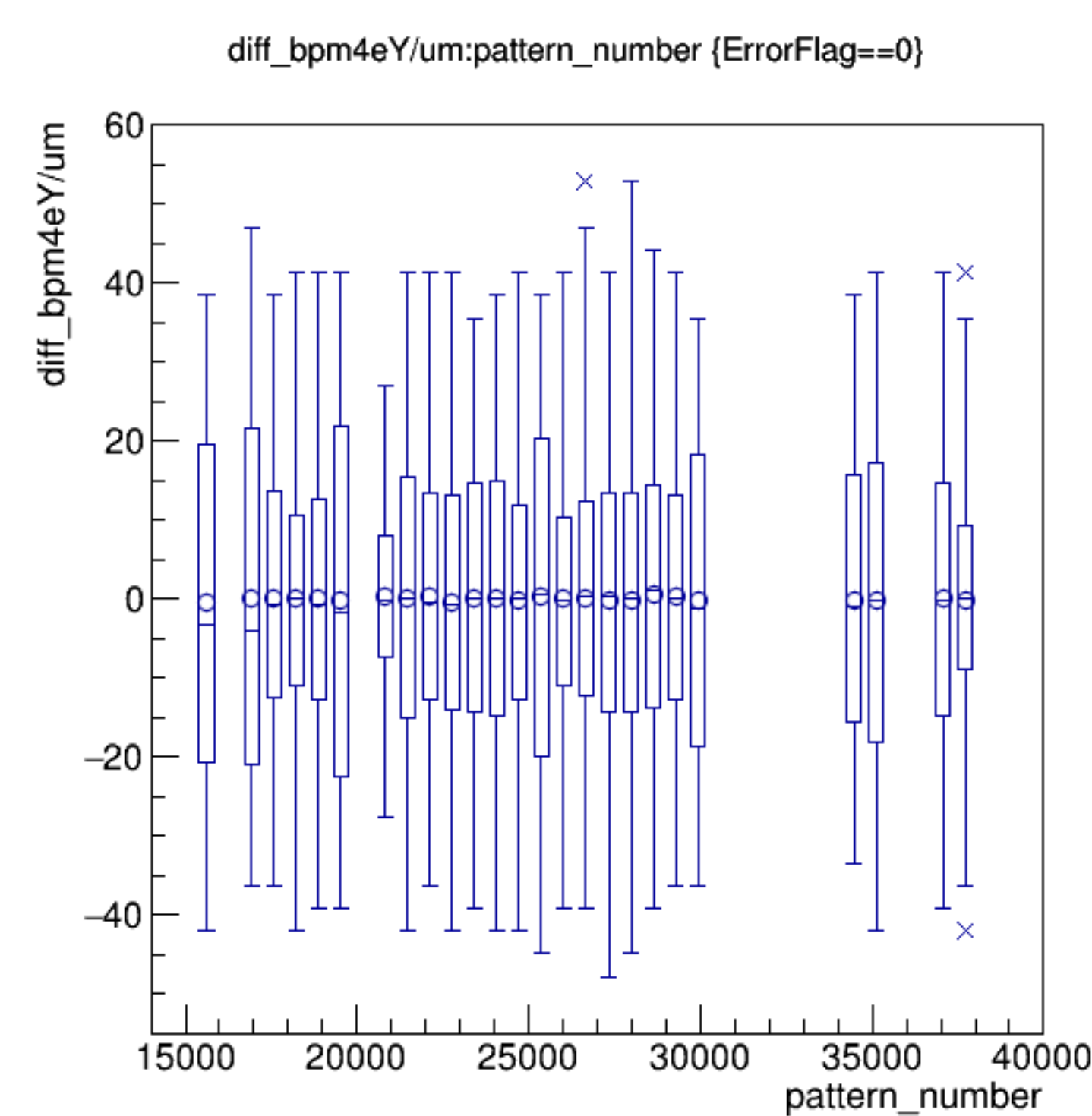
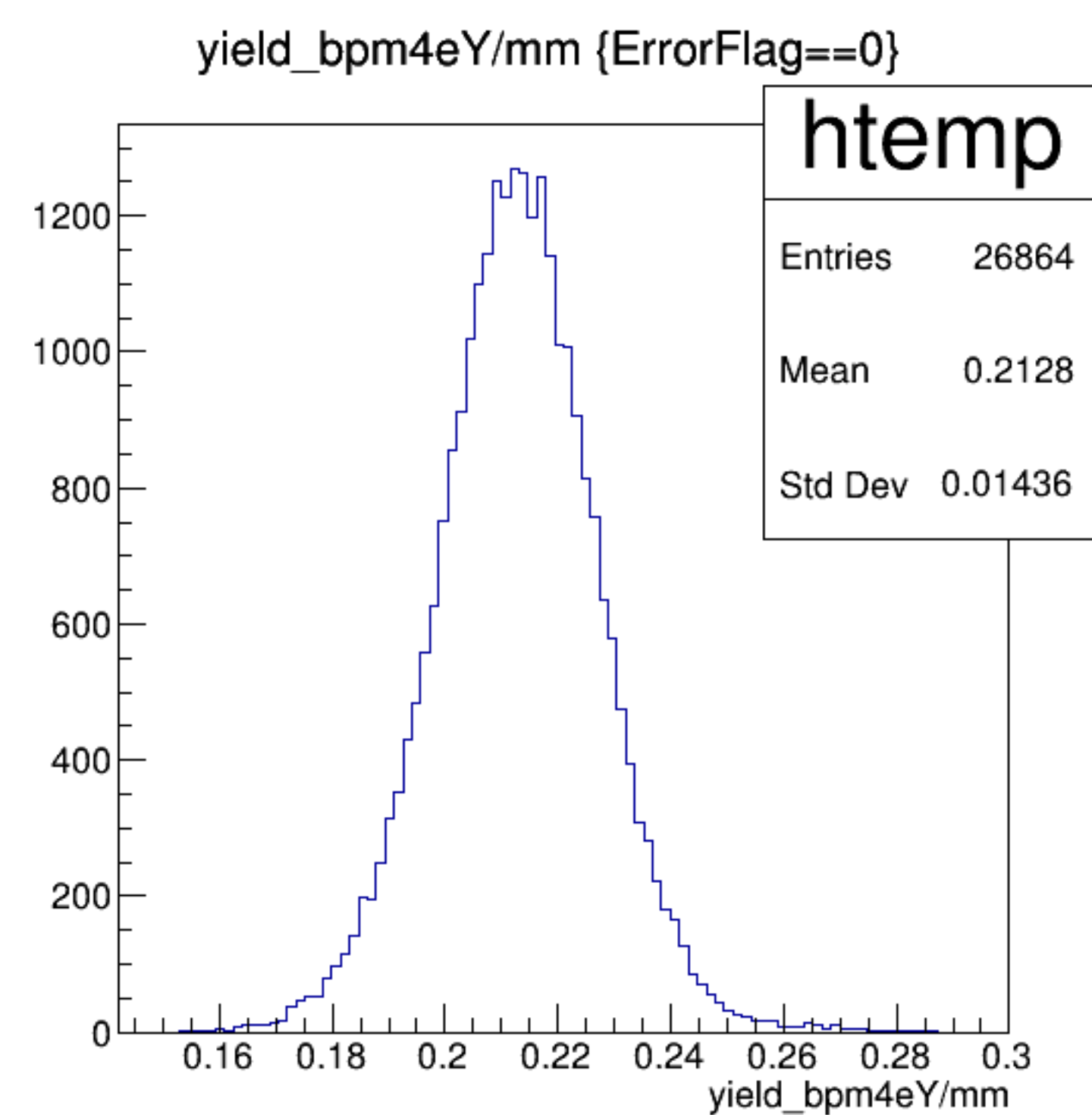


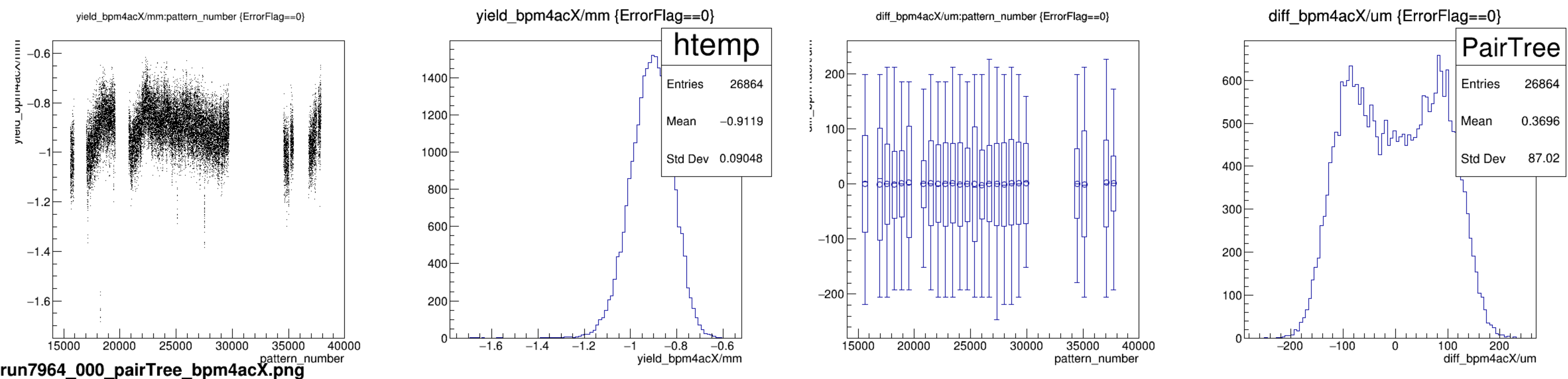
diff_bpm4eX/um {ErrorFlag==0}

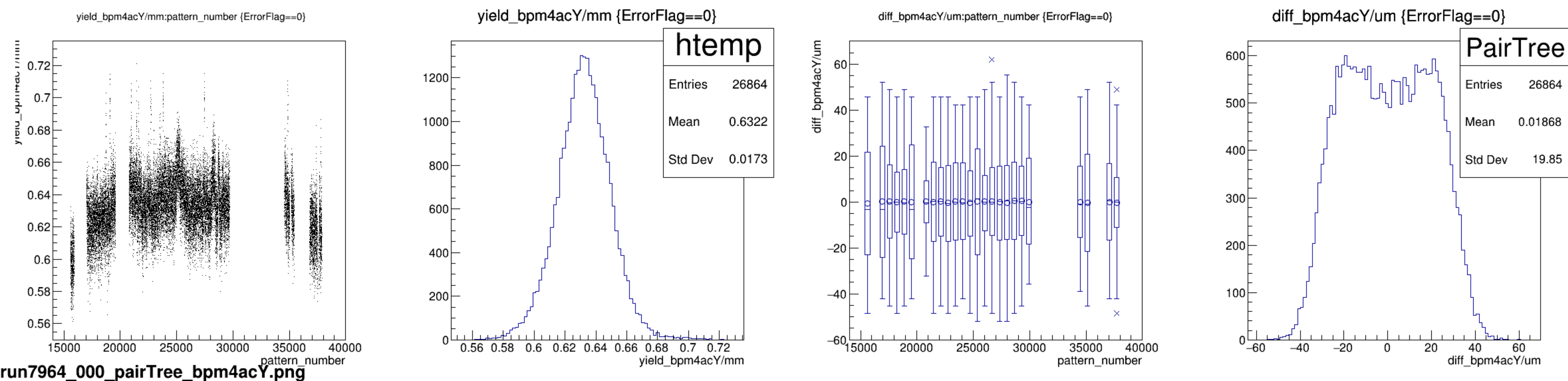


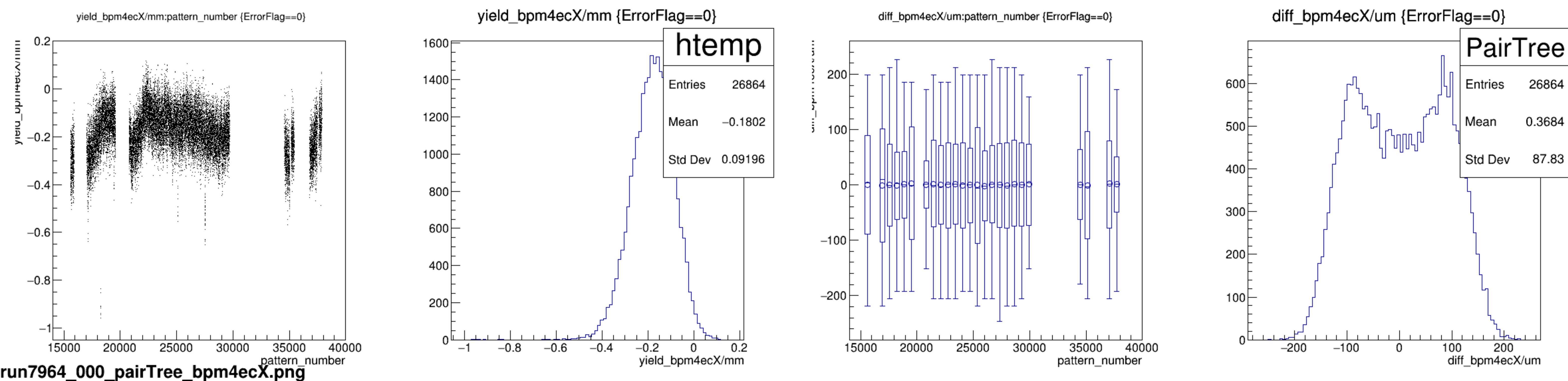


run7964_000_pairTree_bpm4eY.png

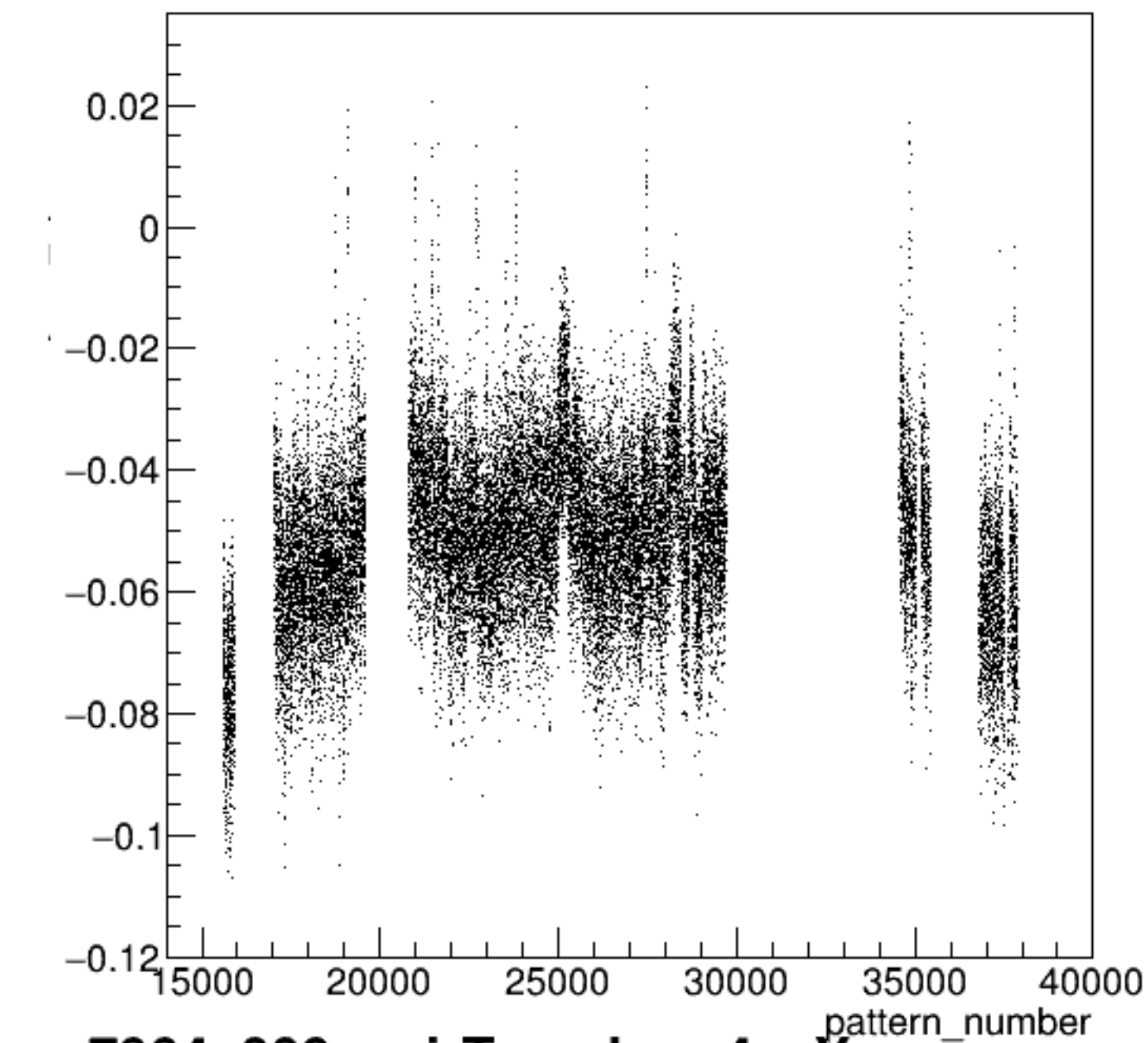




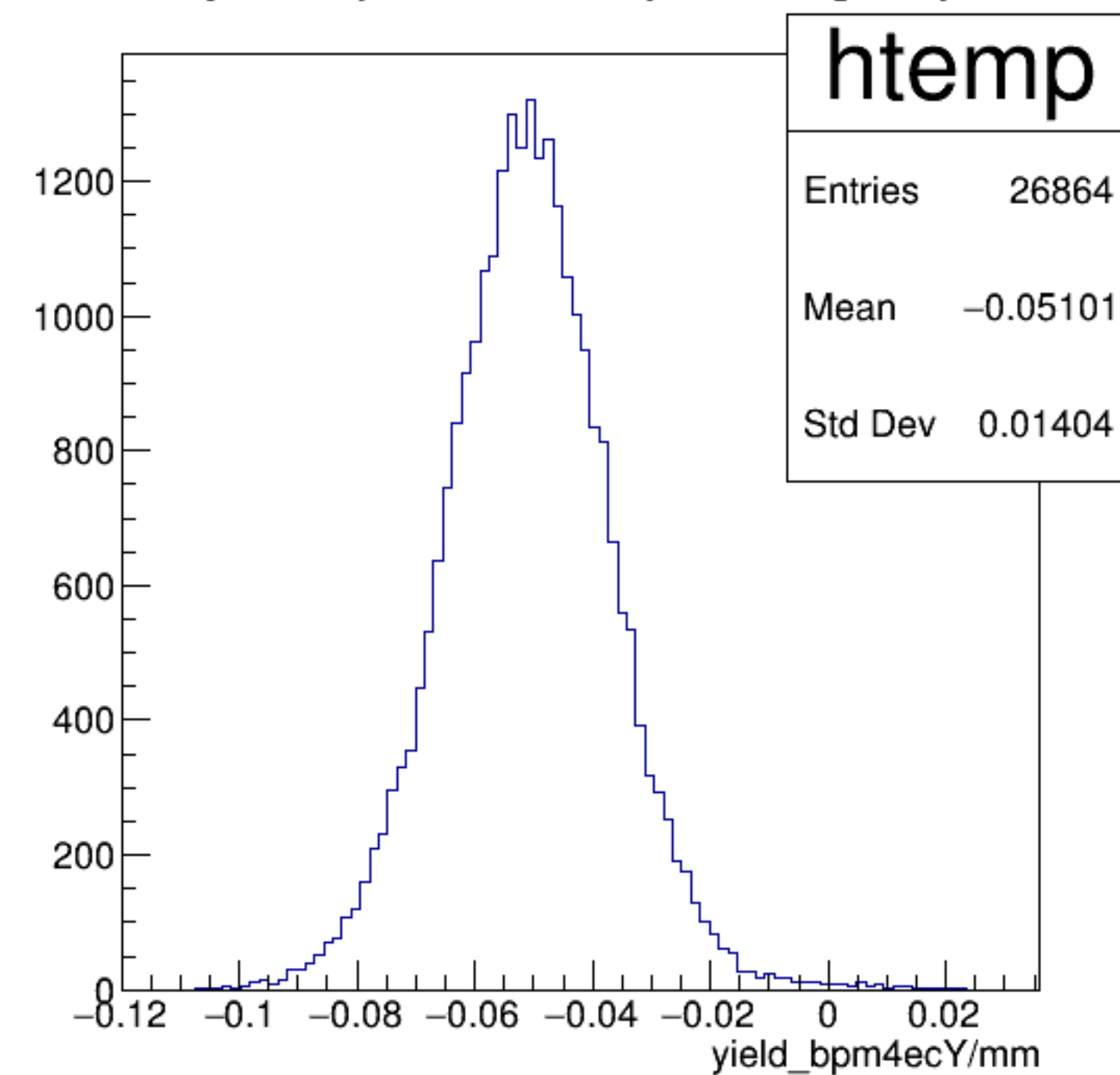




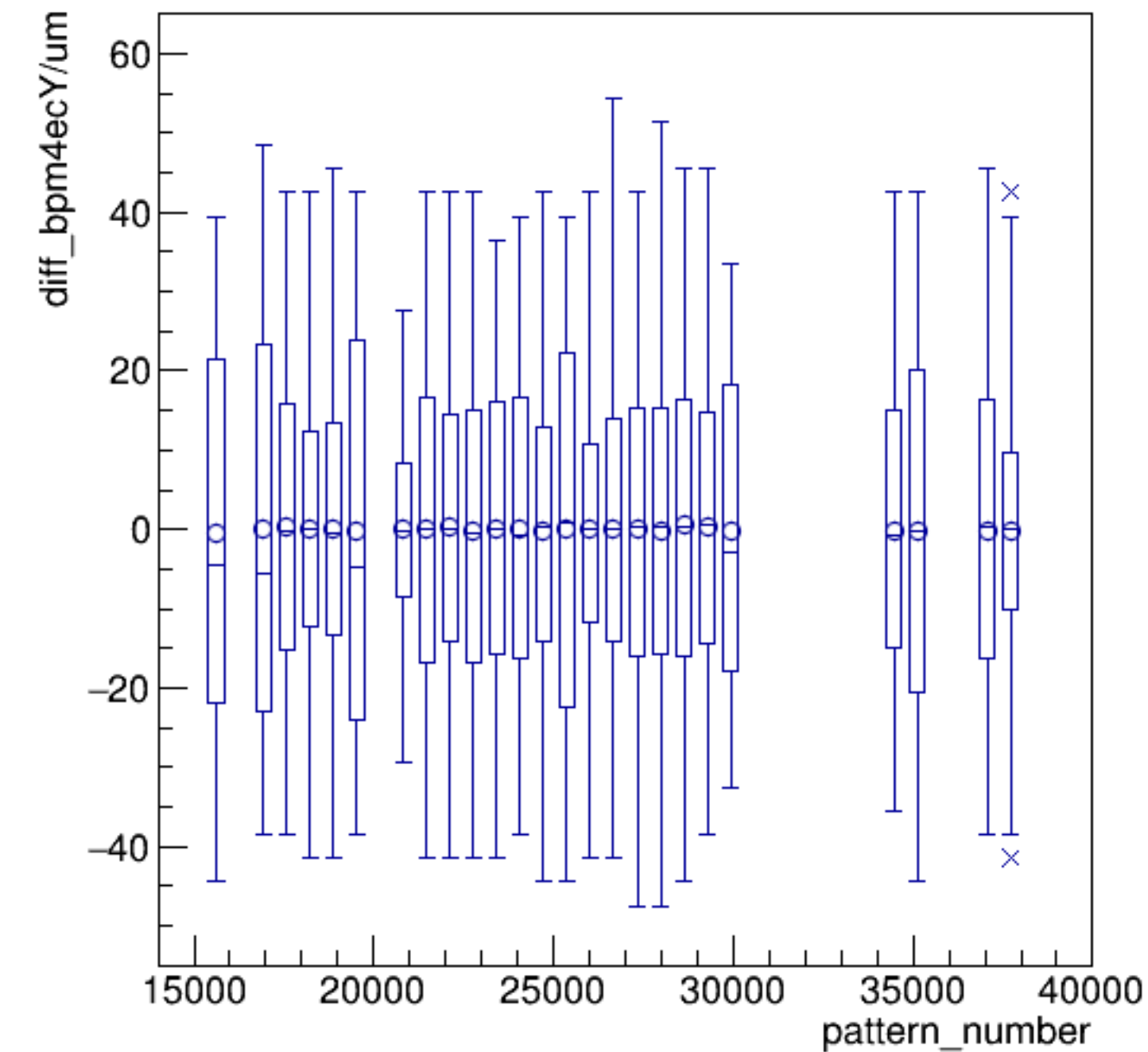
yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}



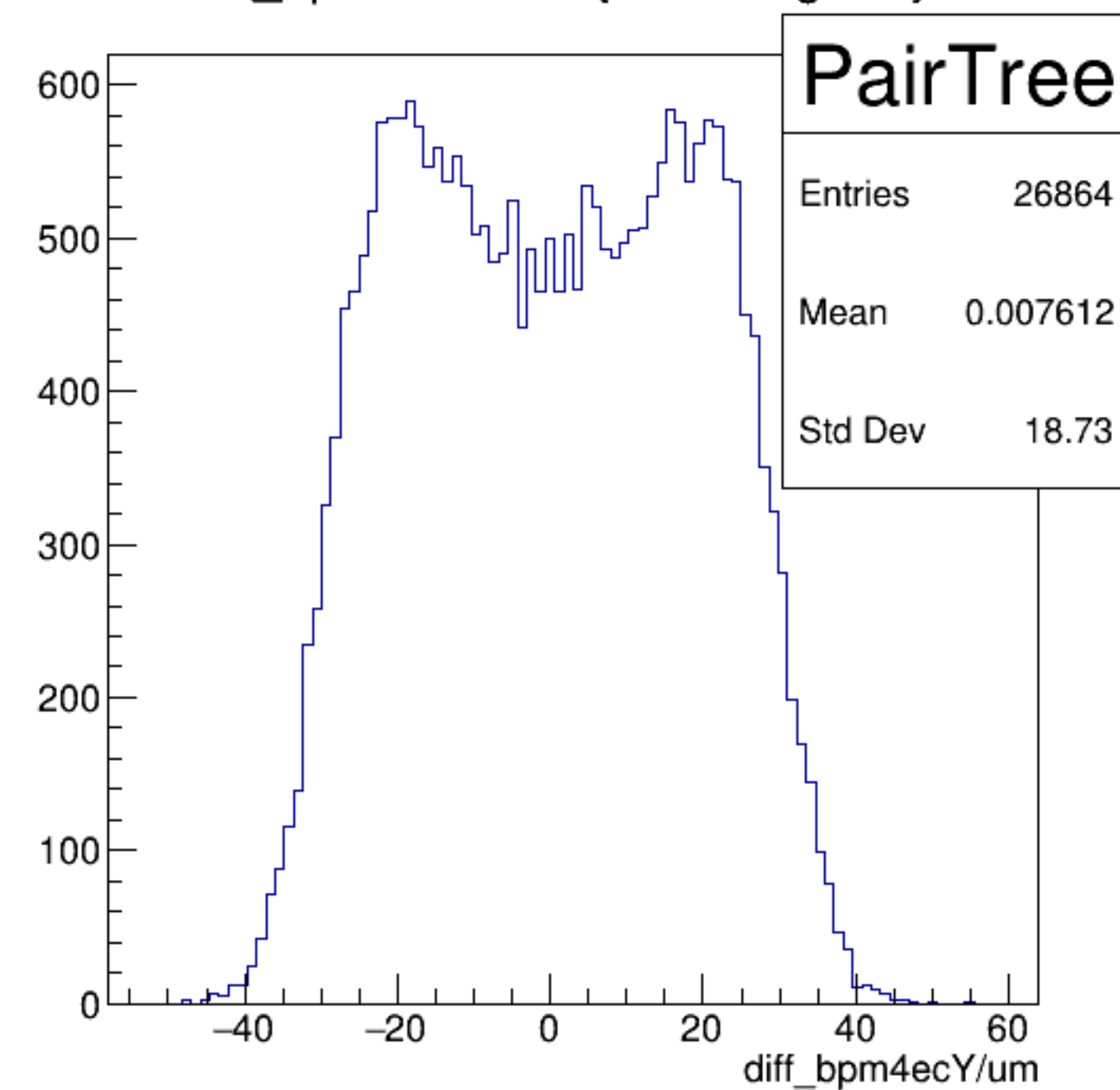
yield_bpm4ecY/mm {ErrorFlag==0}



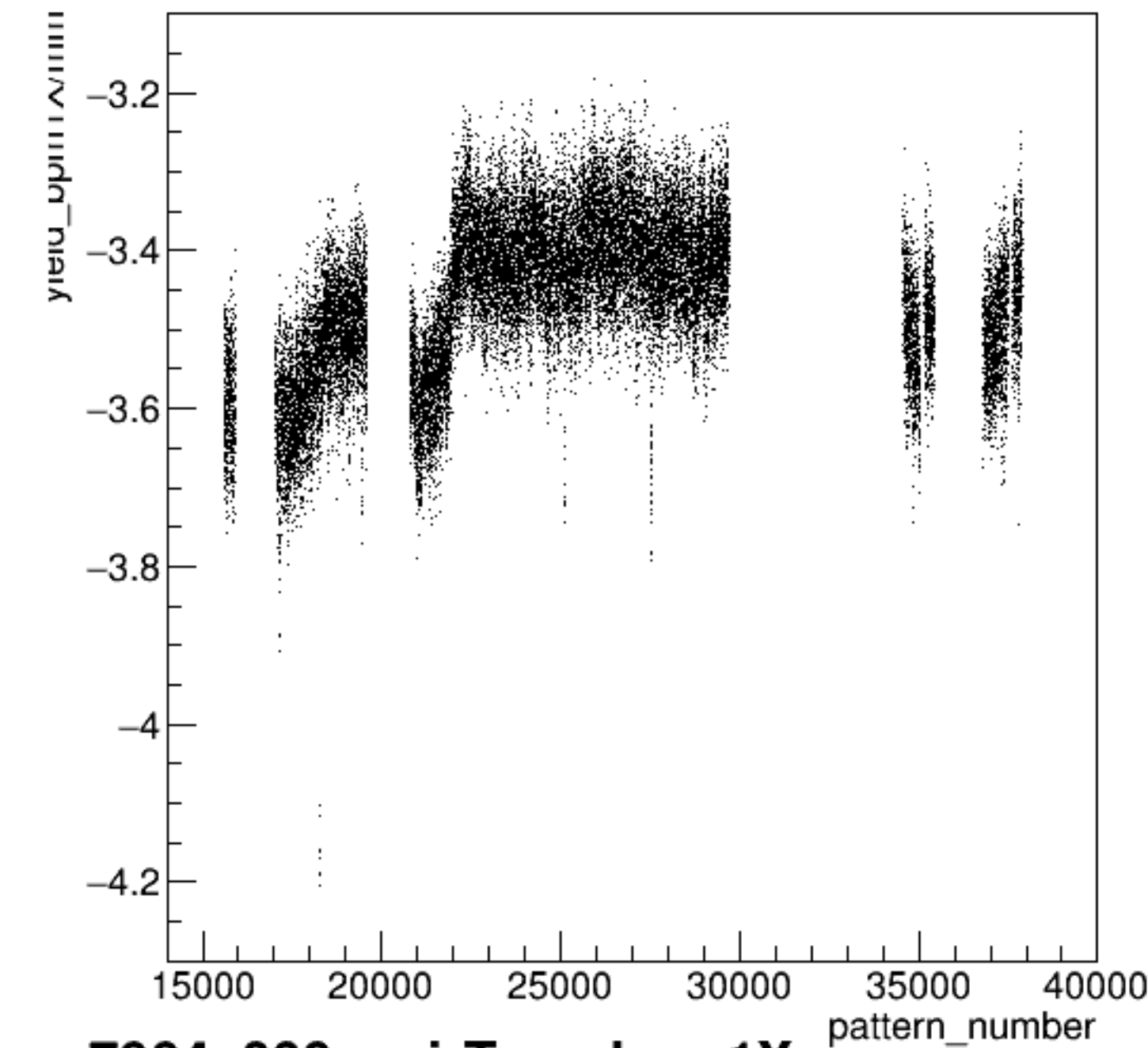
diff_bpm4ecY/um:pattern_number {ErrorFlag==0}



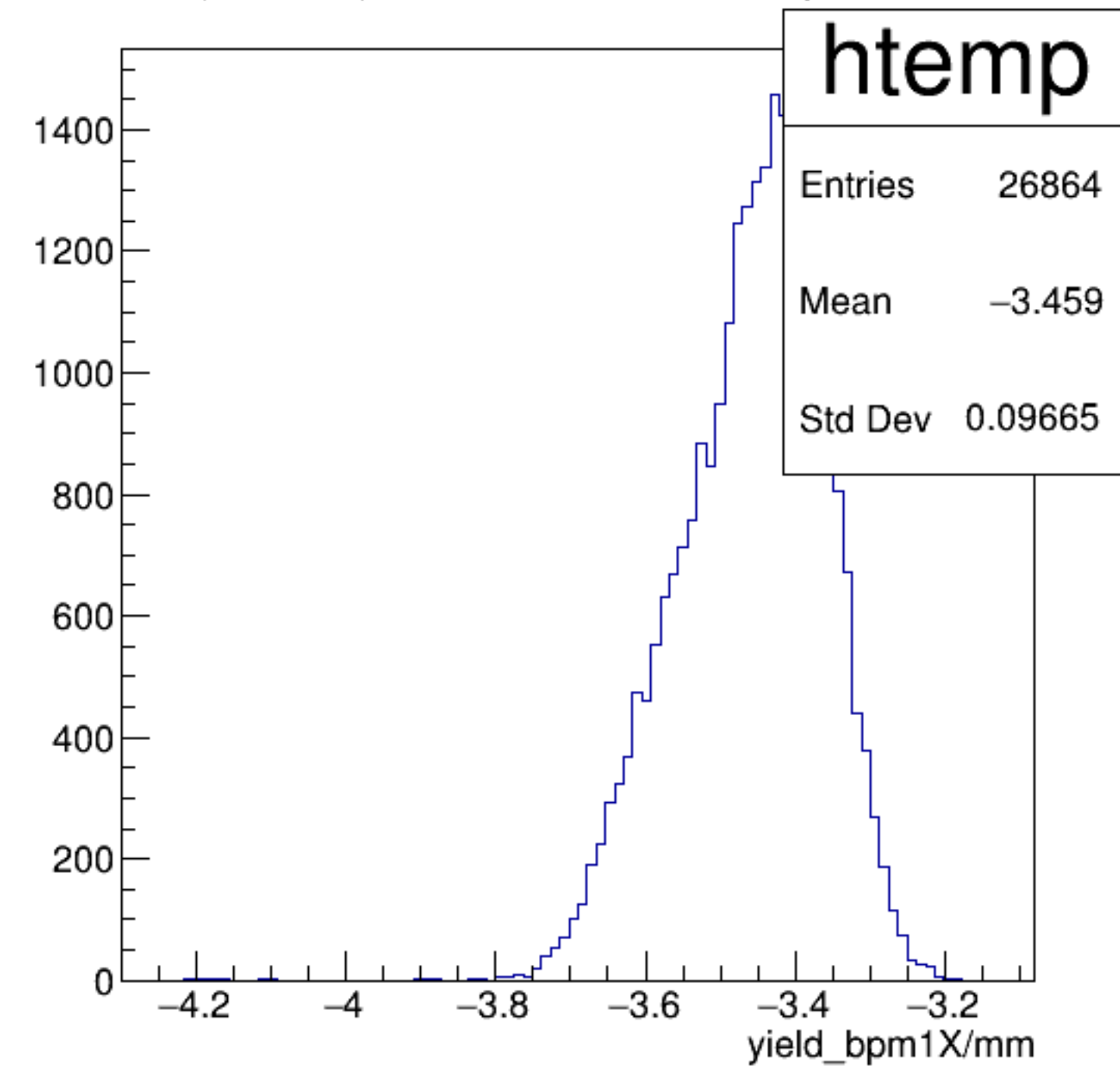
diff_bpm4ecY/um {ErrorFlag==0}



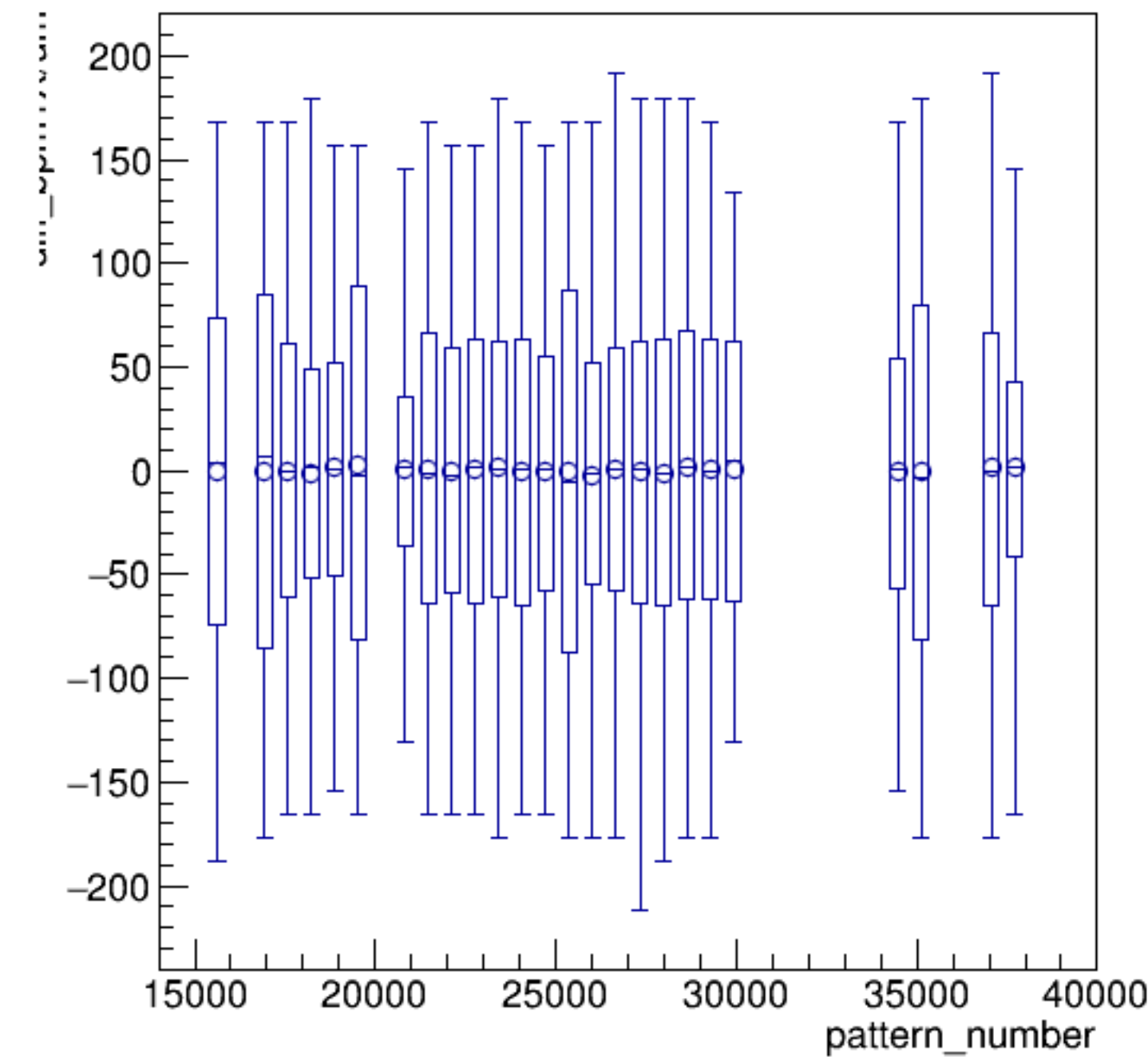
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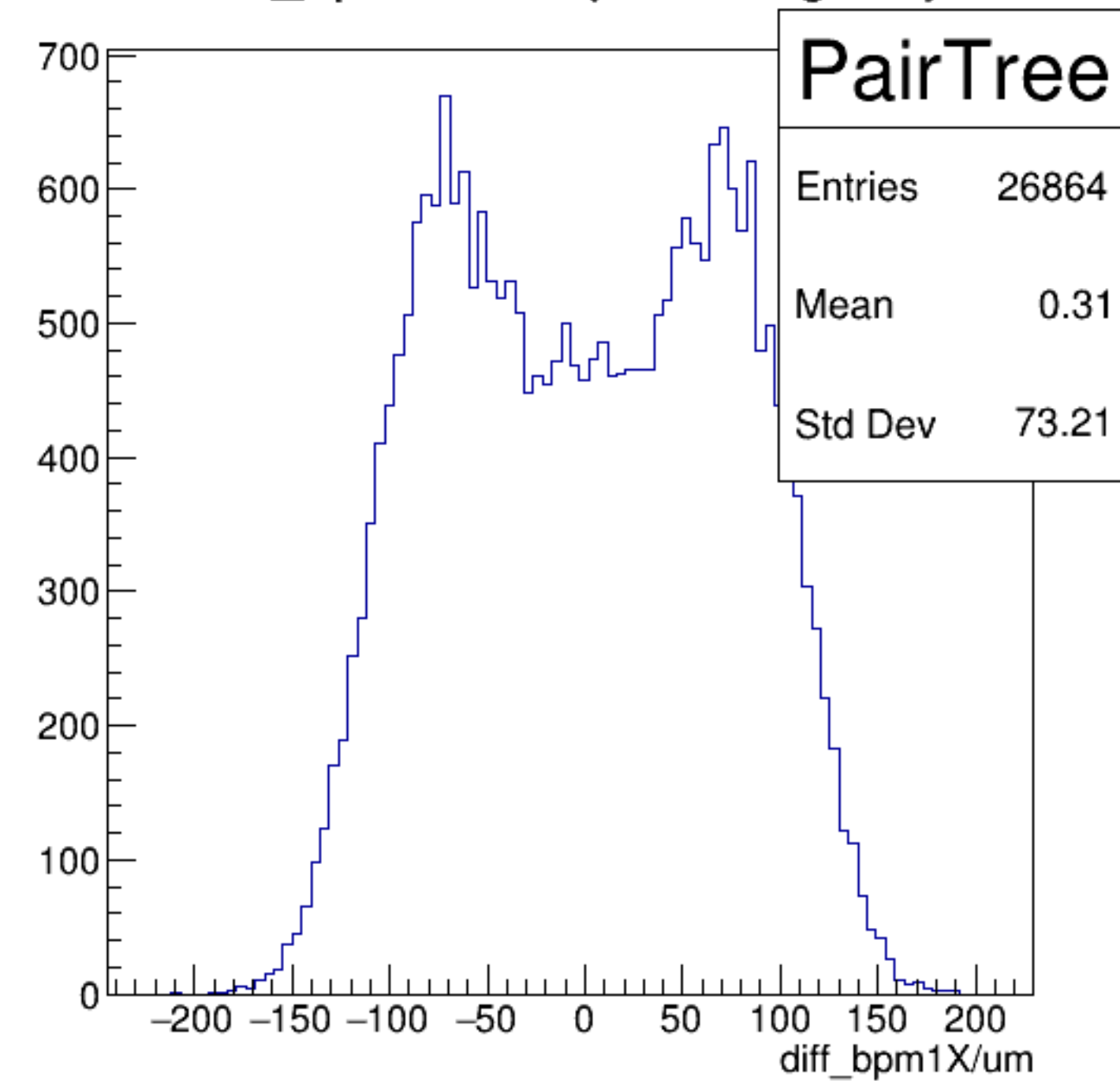
yield_bpm1X/mm {ErrorFlag==0}



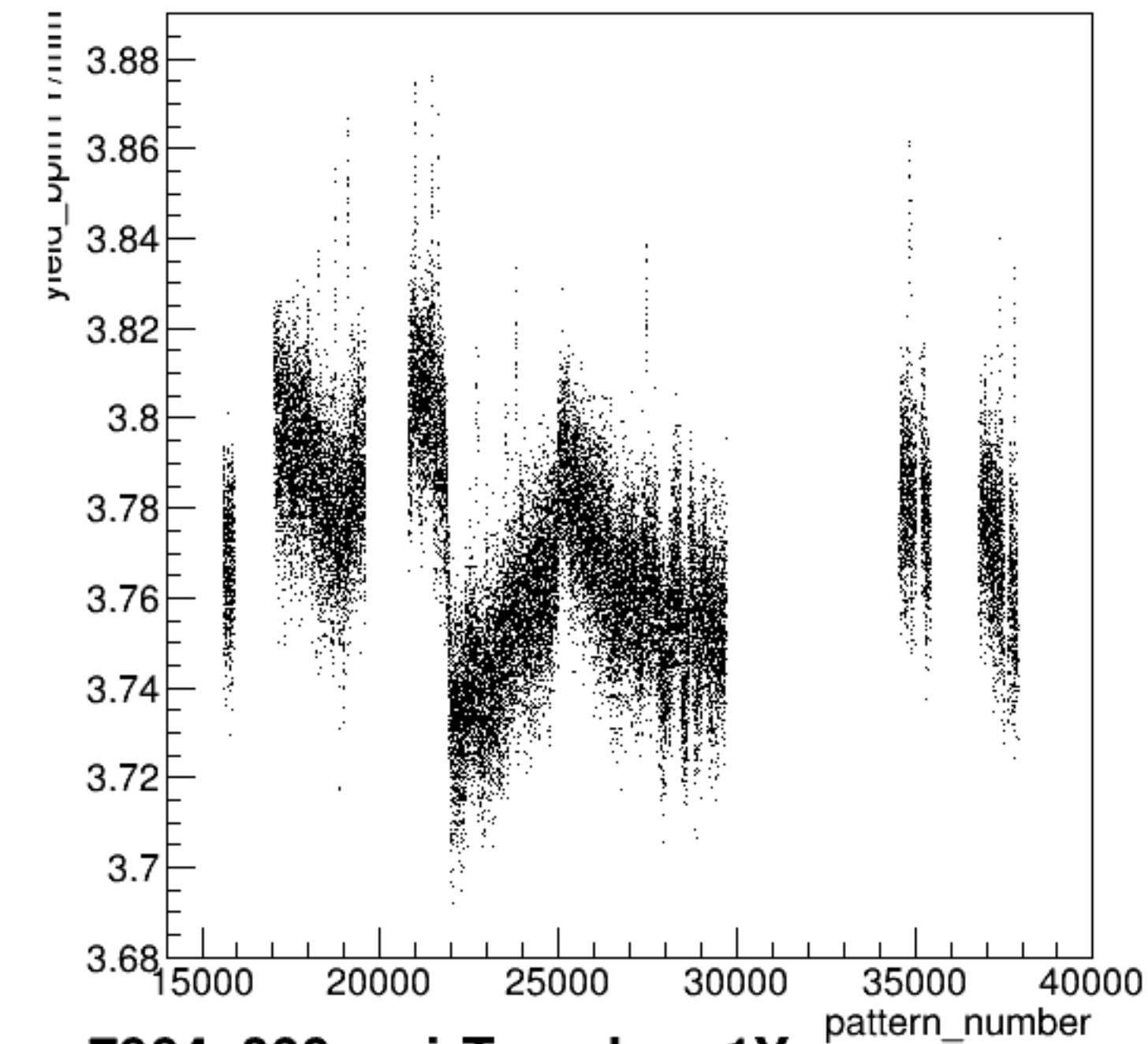
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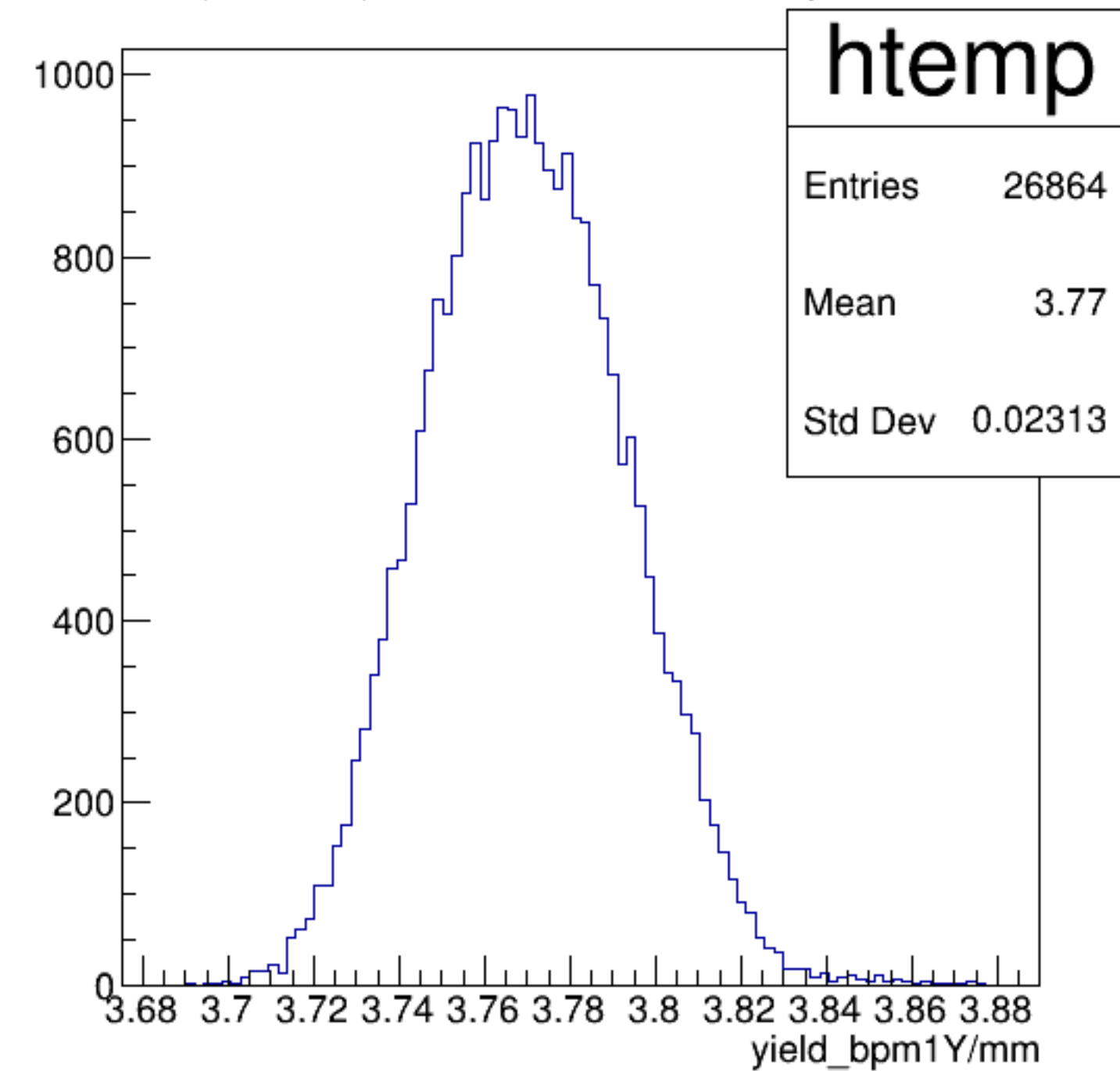
diff_bpm1X/um {ErrorFlag==0}



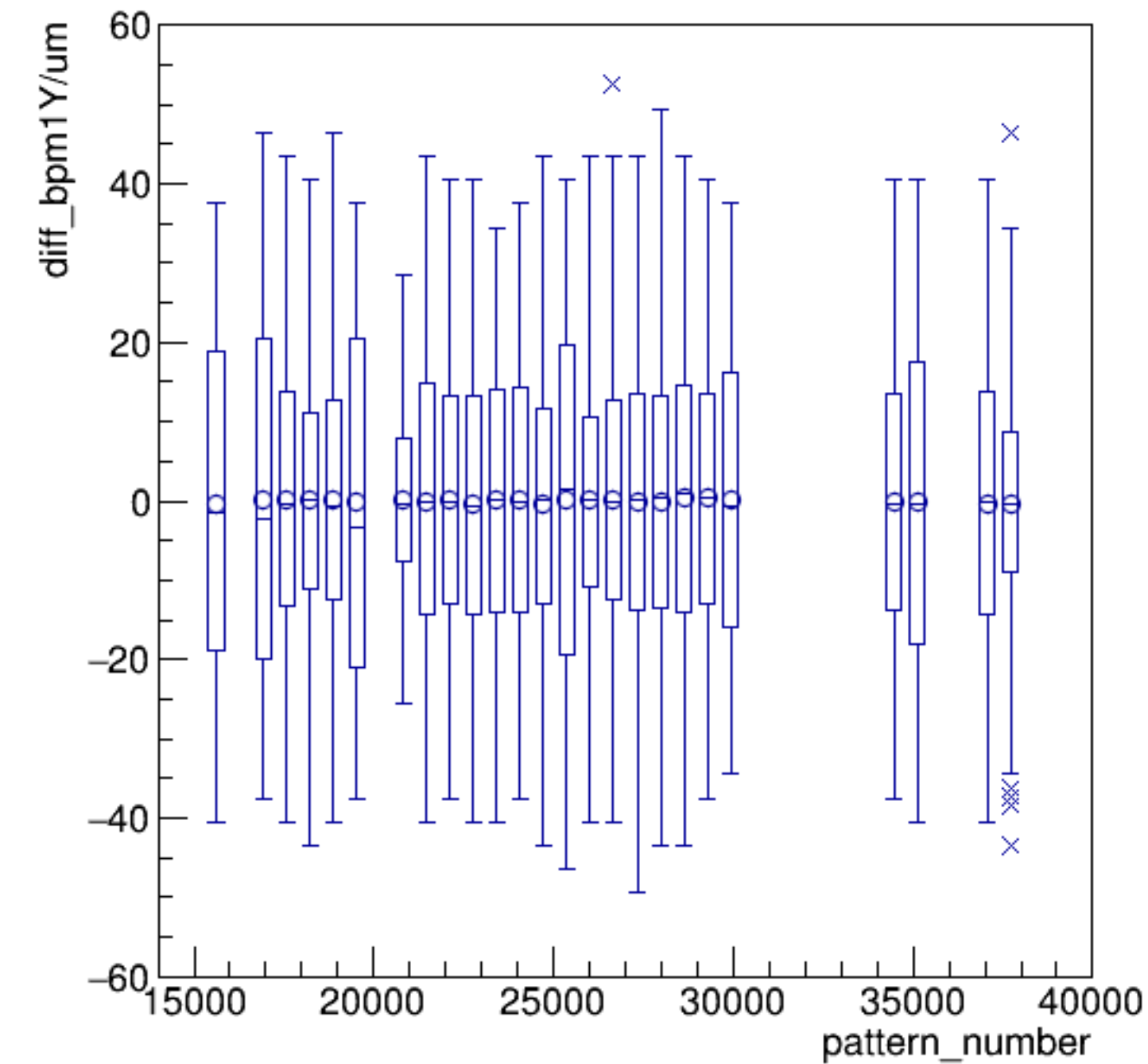
yield_bpm1Y/mm:pattern_number {ErrorFlag==0}



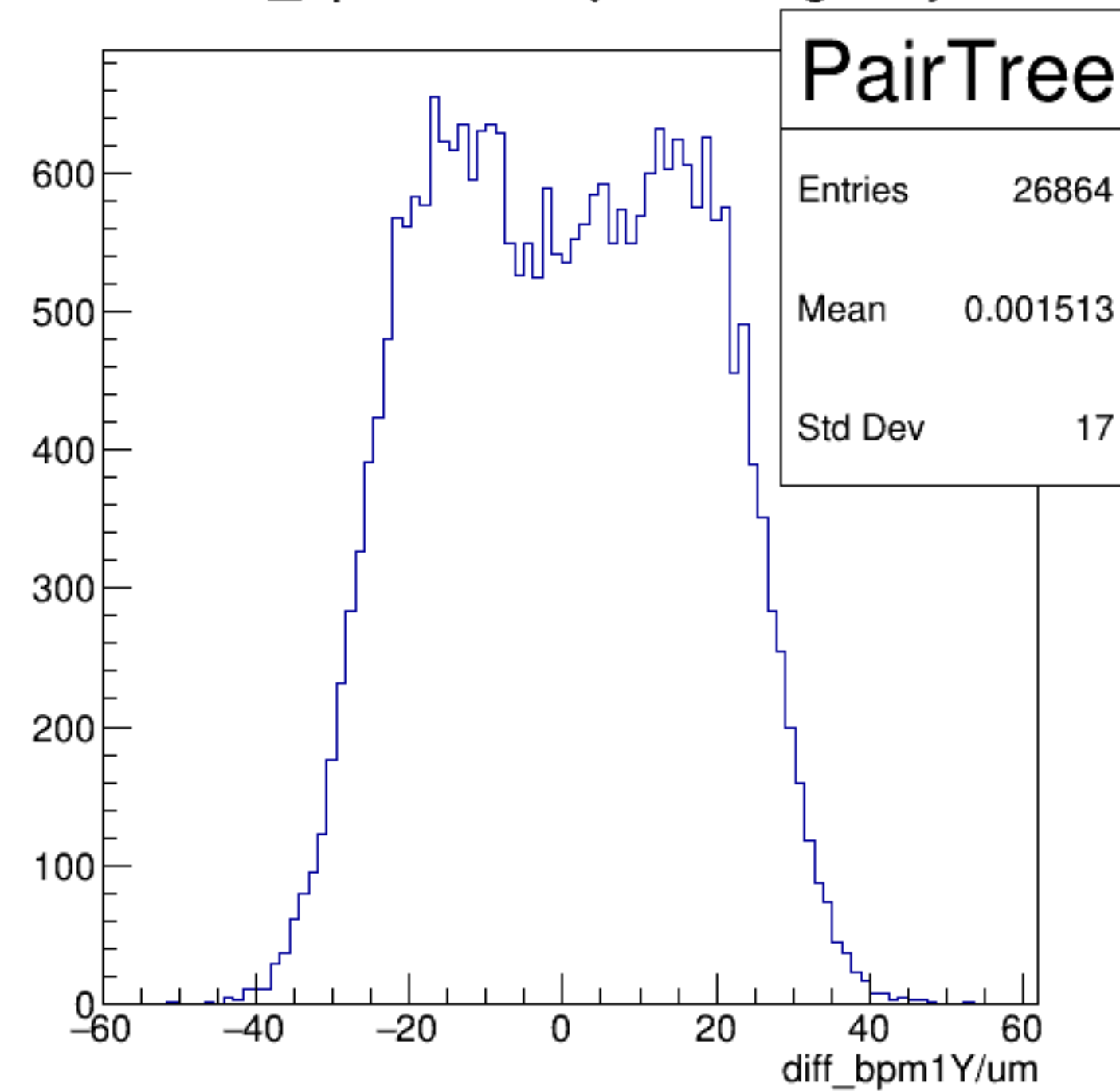
yield_bpm1Y/mm {ErrorFlag==0}



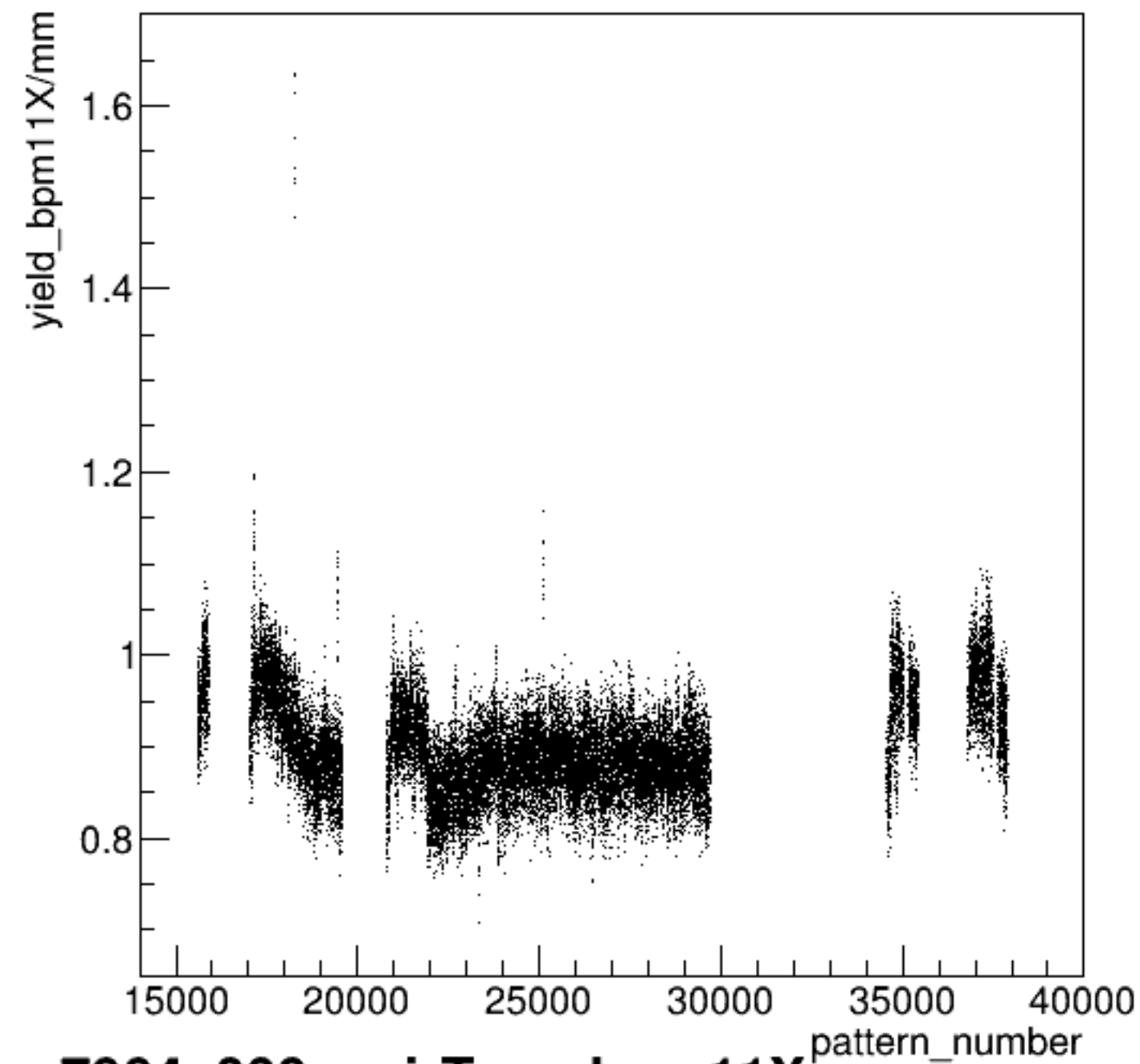
diff_bpm1Y/um:pattern_number {ErrorFlag==0}



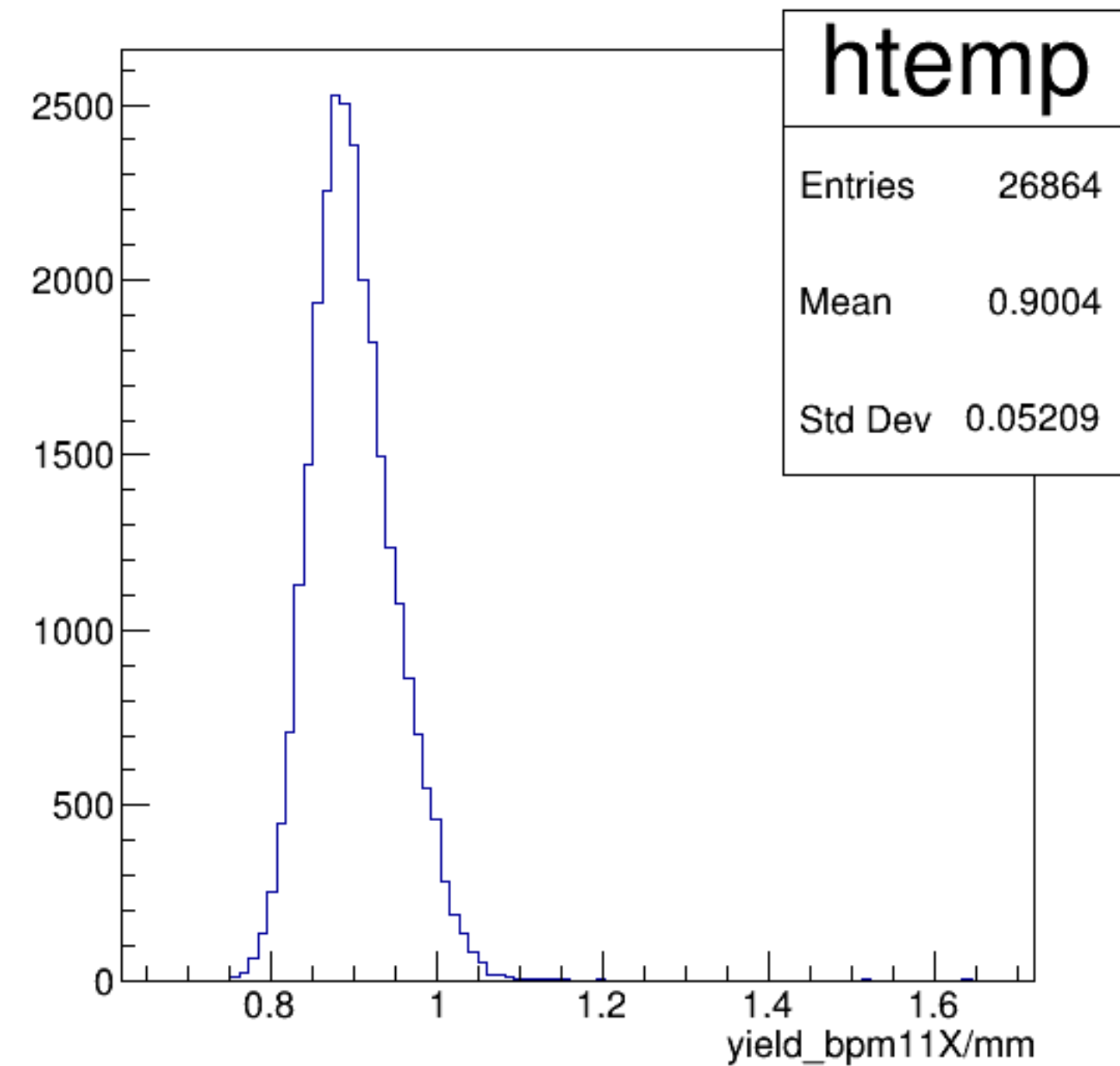
diff_bpm1Y/um {ErrorFlag==0}



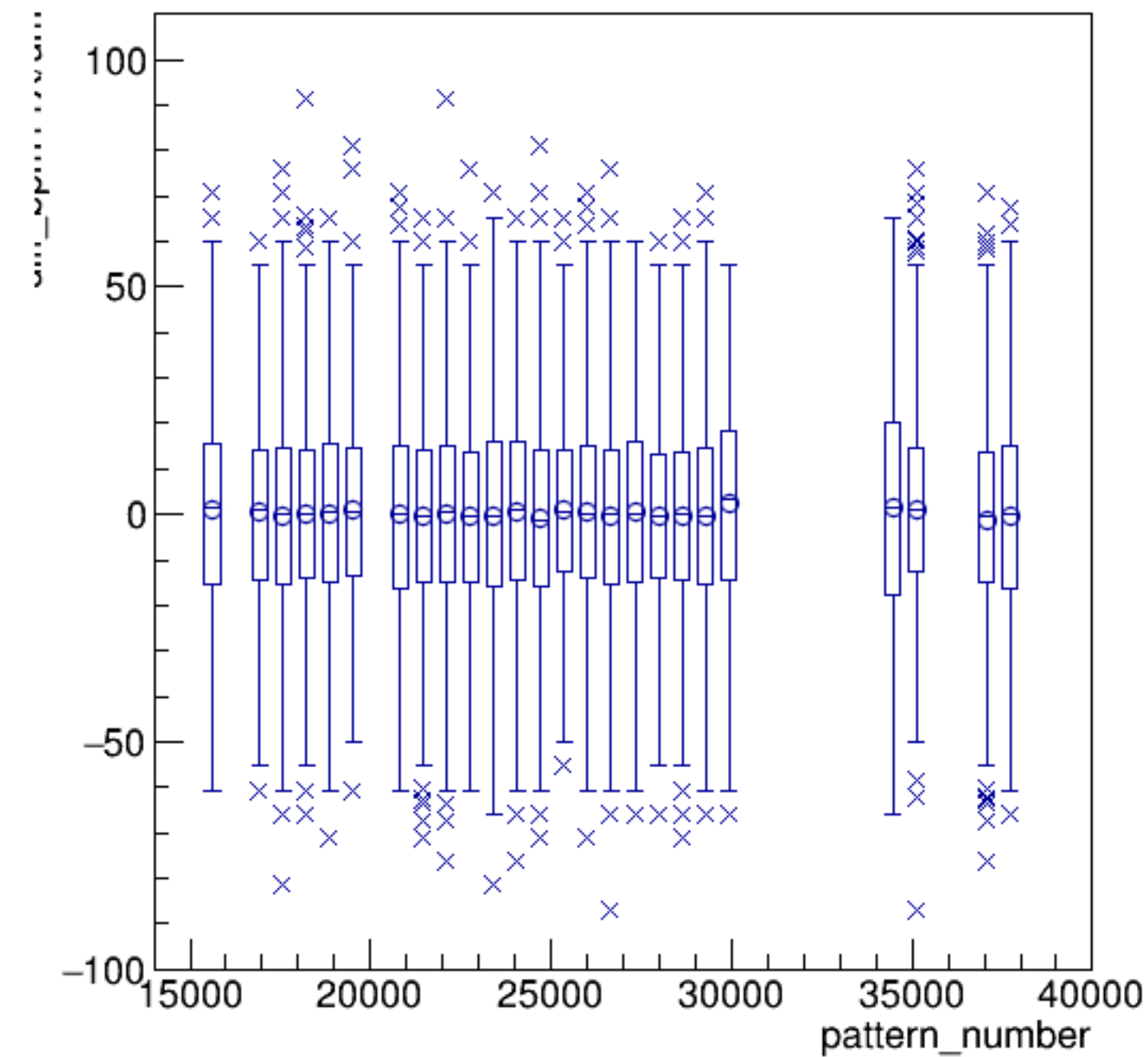
yield_bpm11X/mm:pattern_number {ErrorFlag==0}



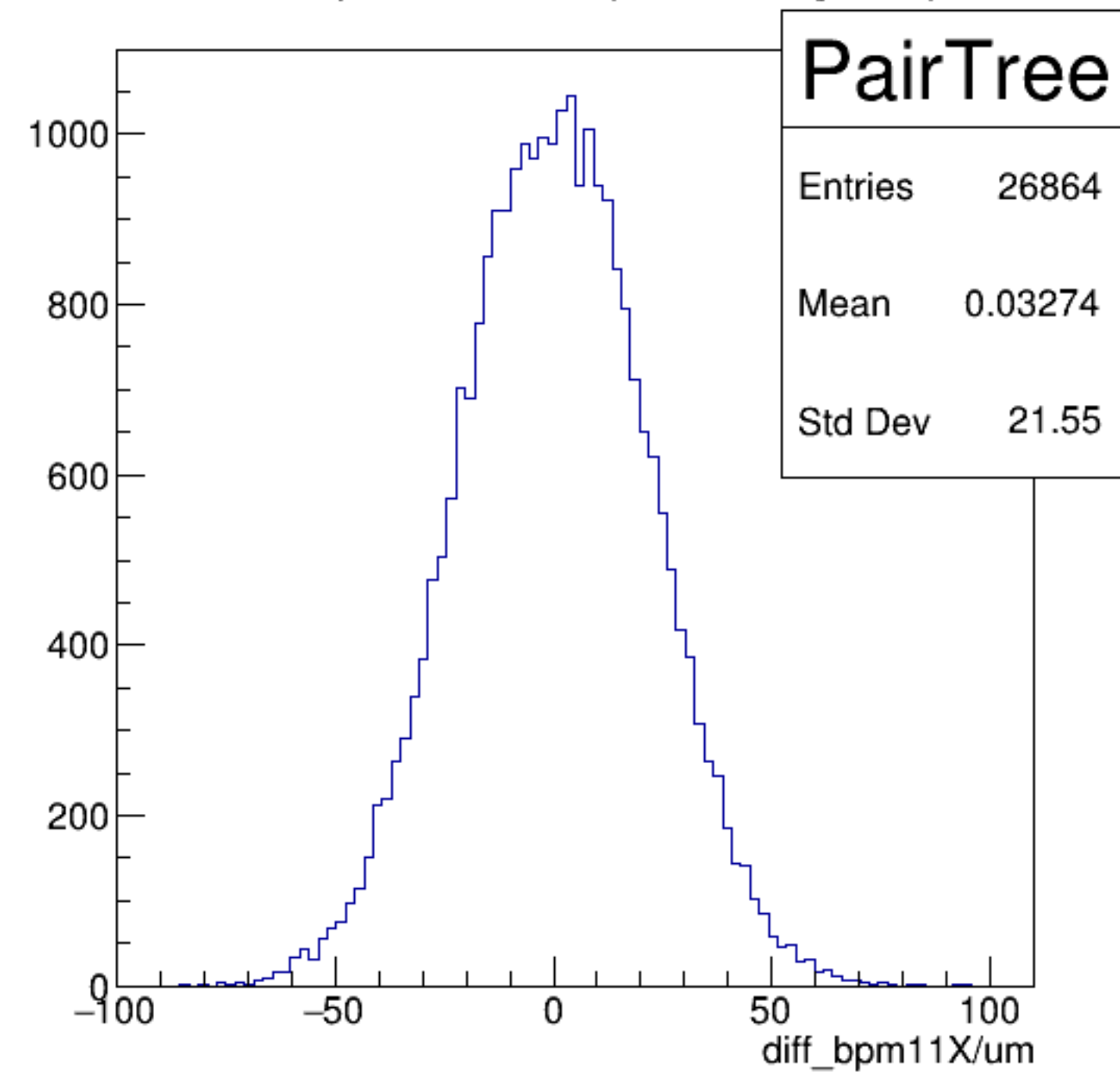
yield_bpm11X/mm {ErrorFlag==0}



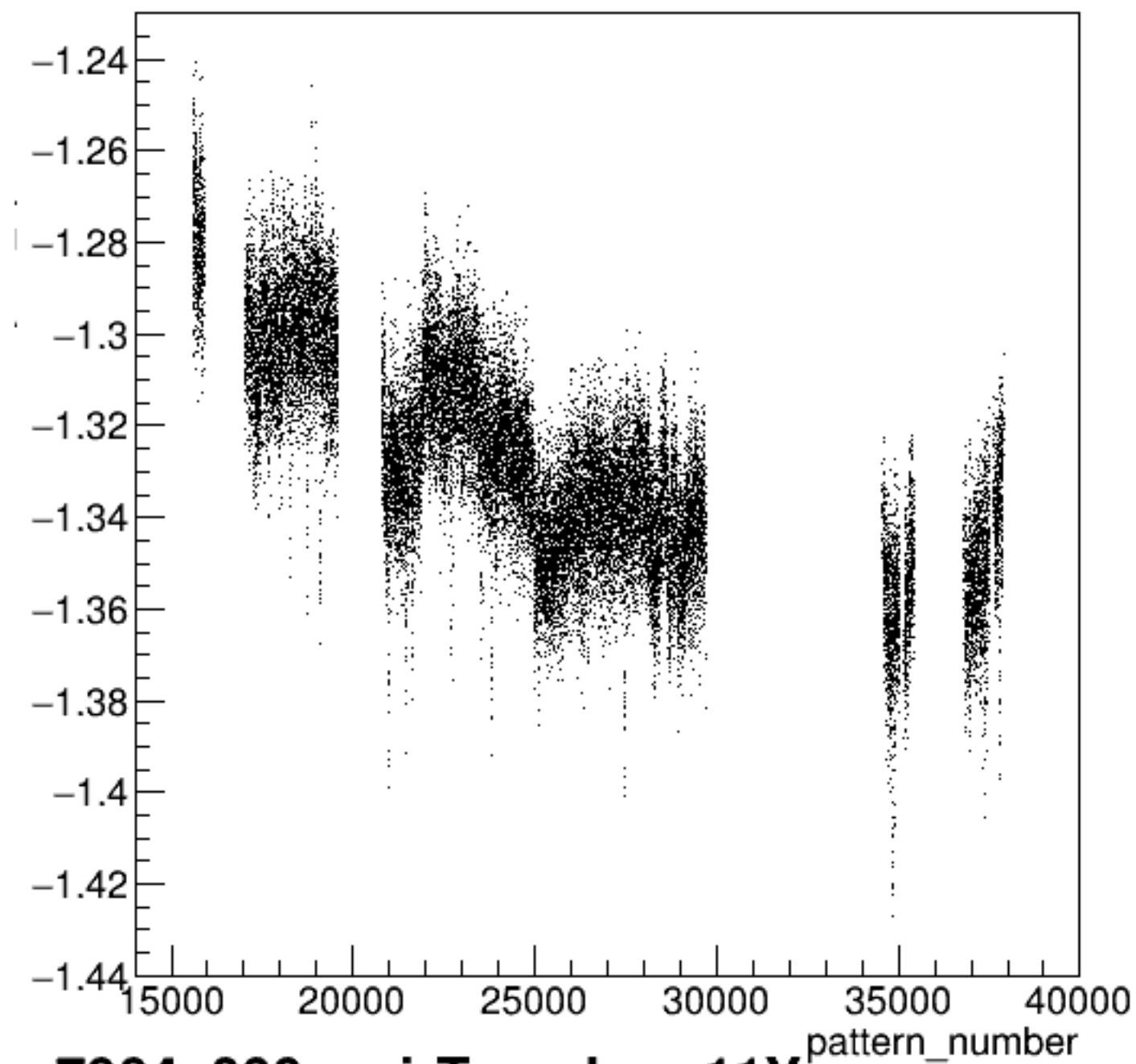
diff_bpm11X/um:pattern_number {ErrorFlag==0}



diff_bpm11X/um {ErrorFlag==0}

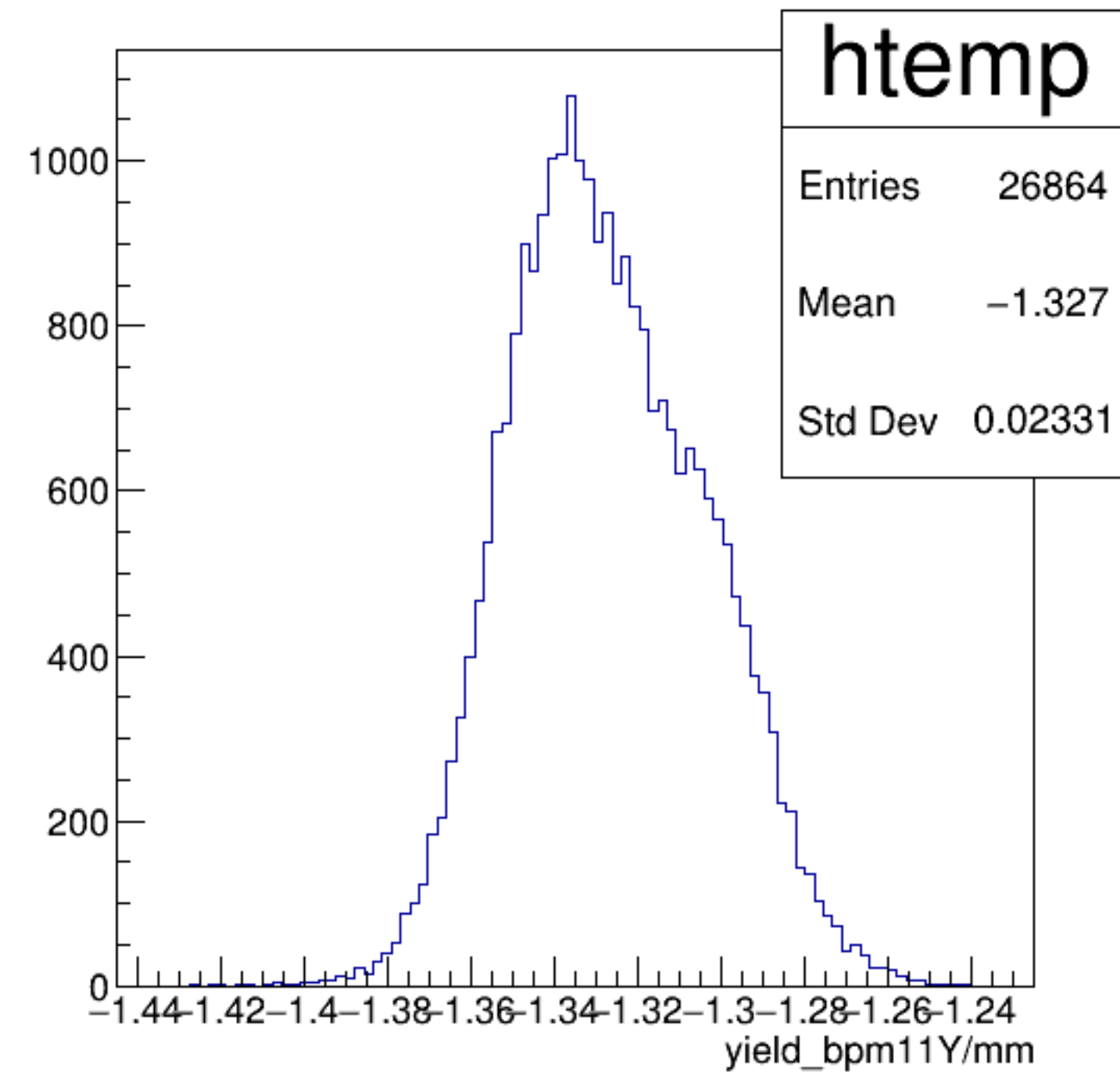


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

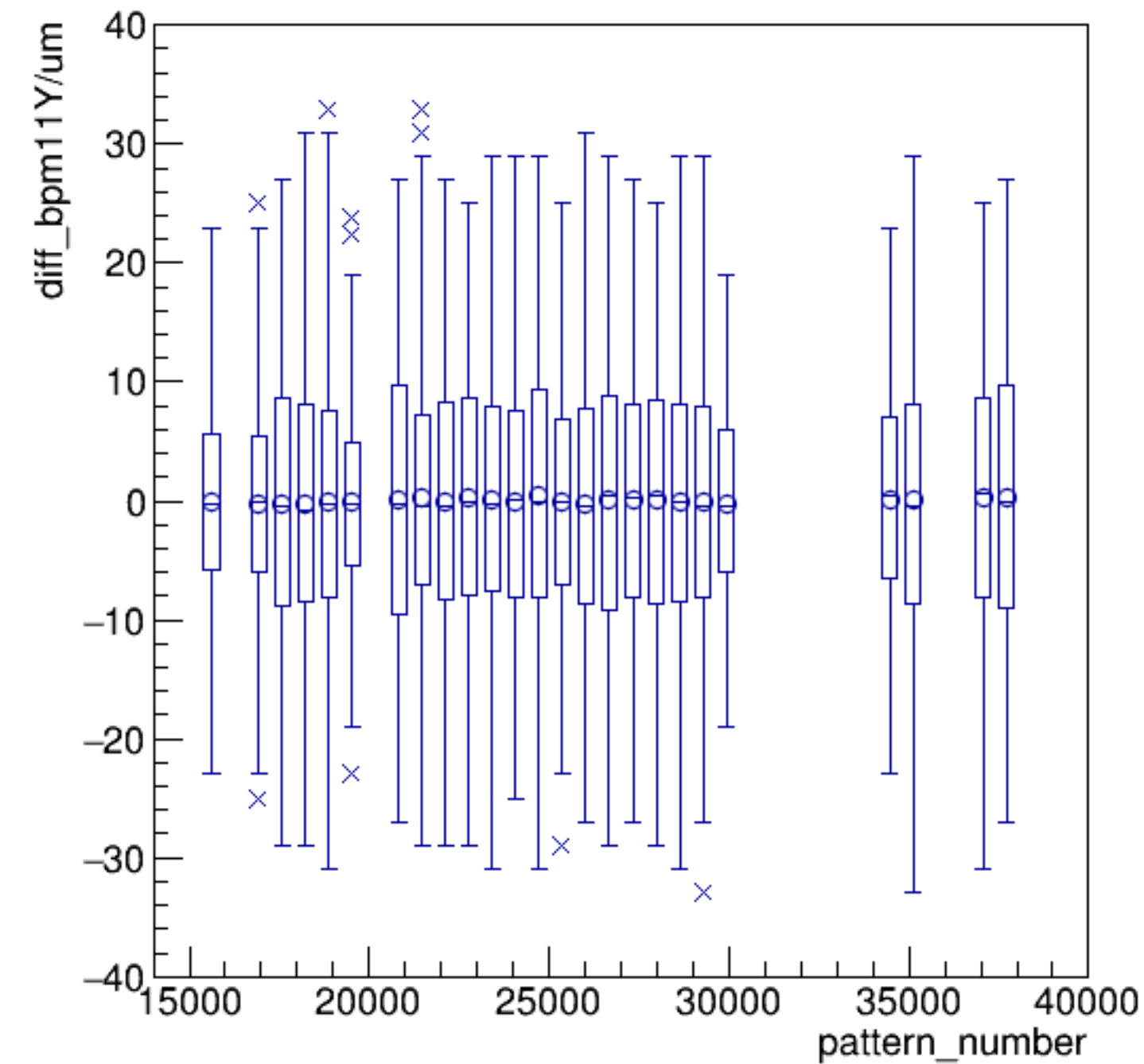


run7964_000_pairTree_bpm11Y.png

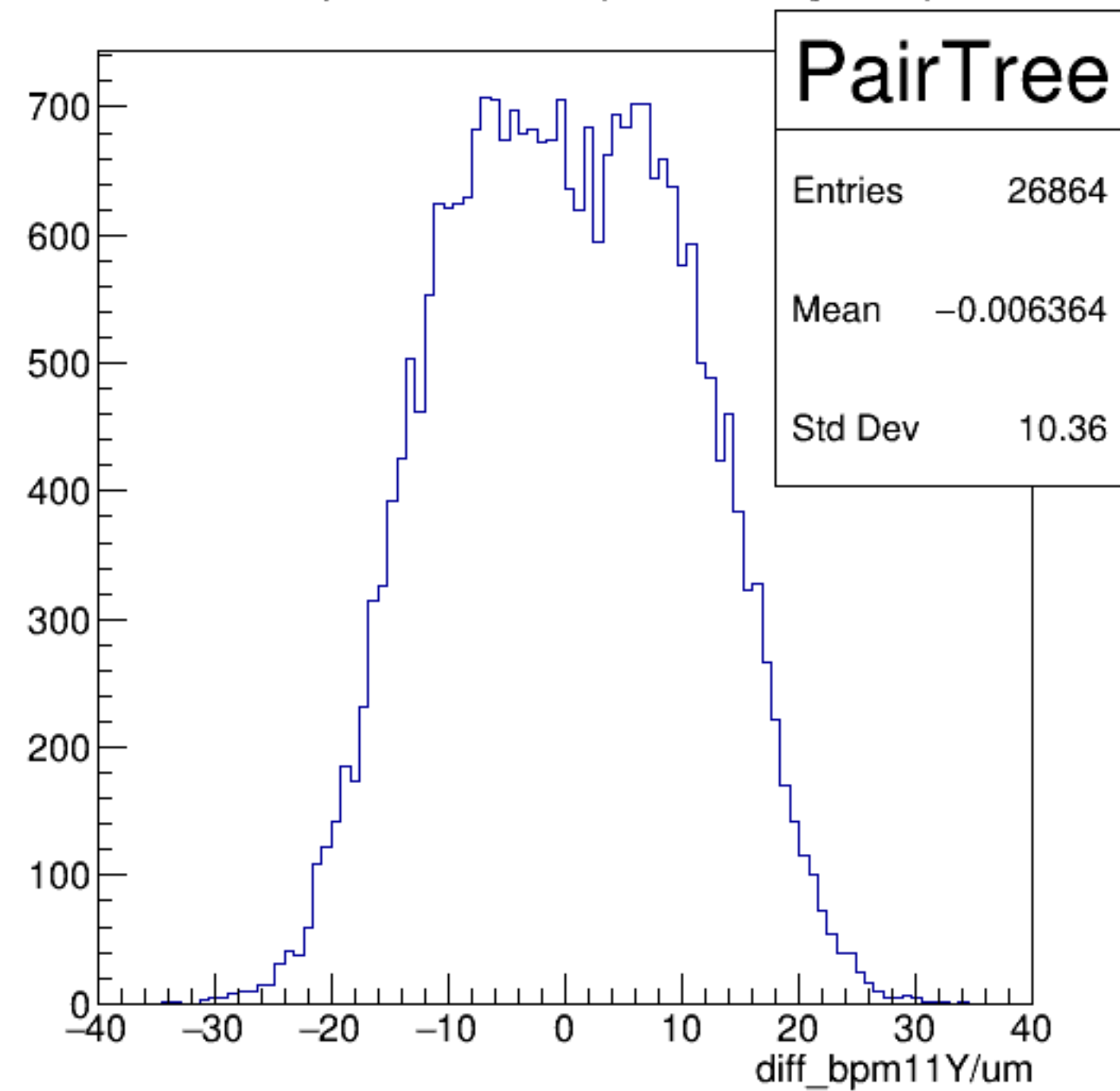
yield_bpm11Y/mm {ErrorFlag==0}



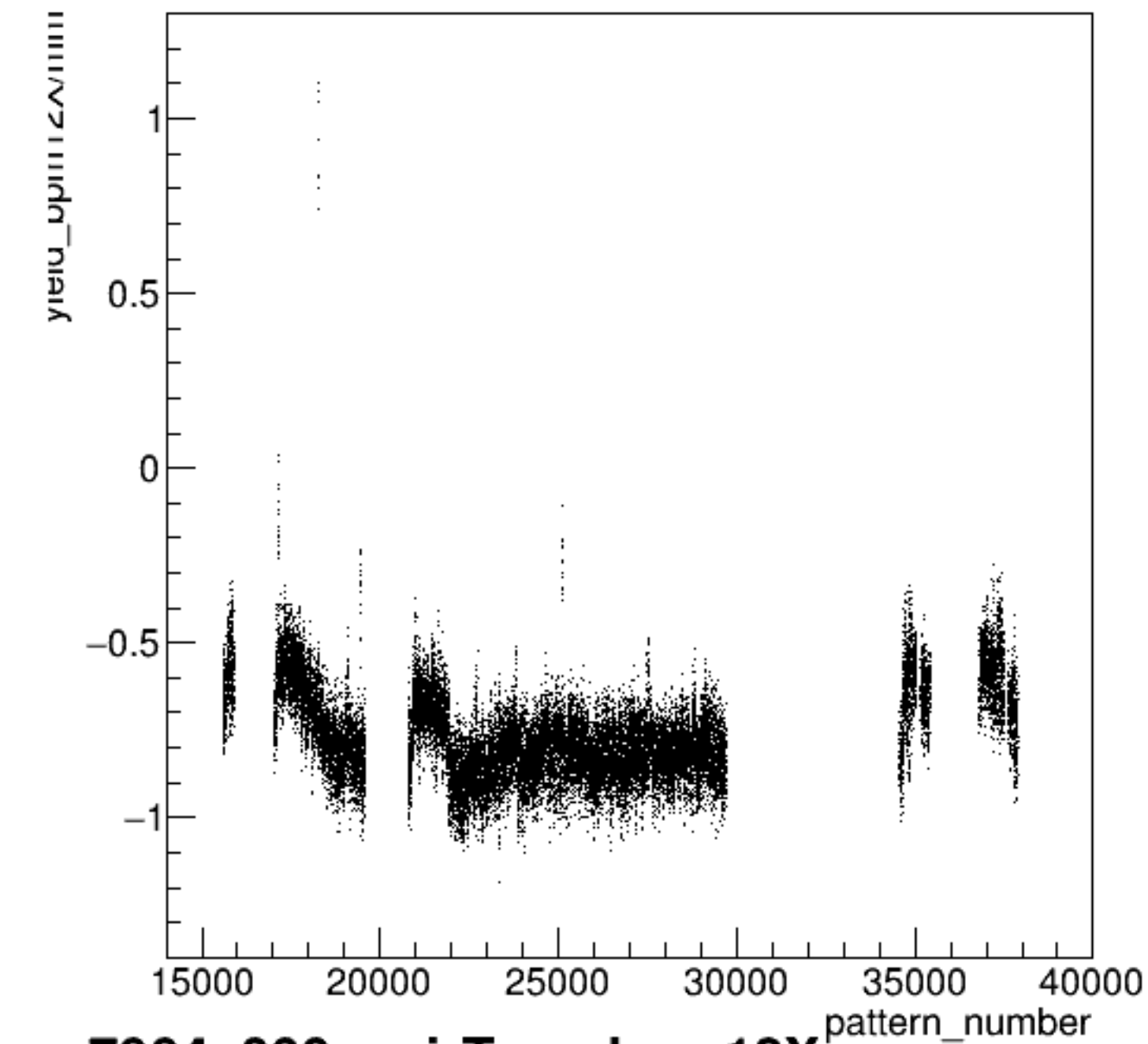
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diff_bpm11Y/um {ErrorFlag==0}

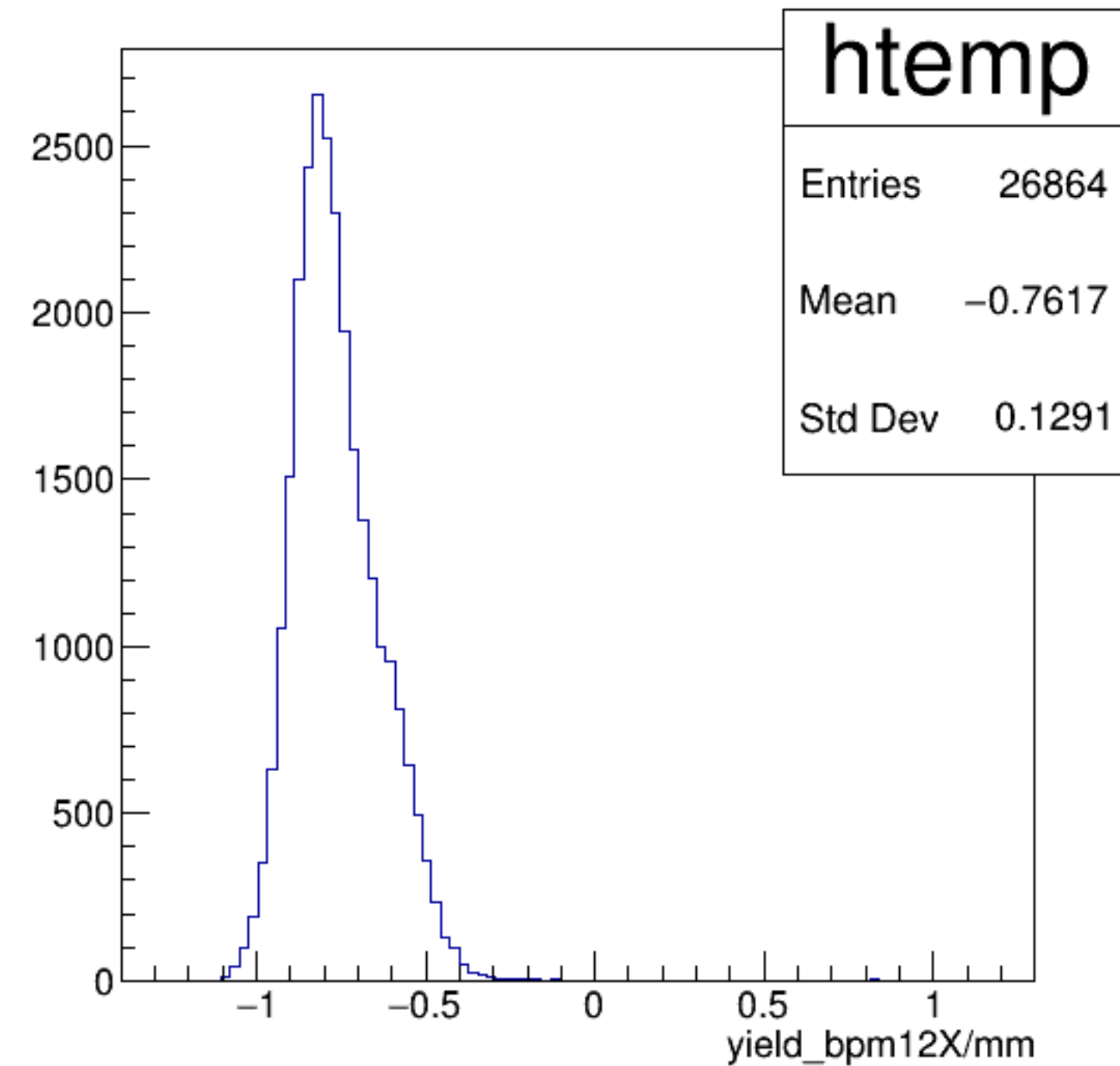


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

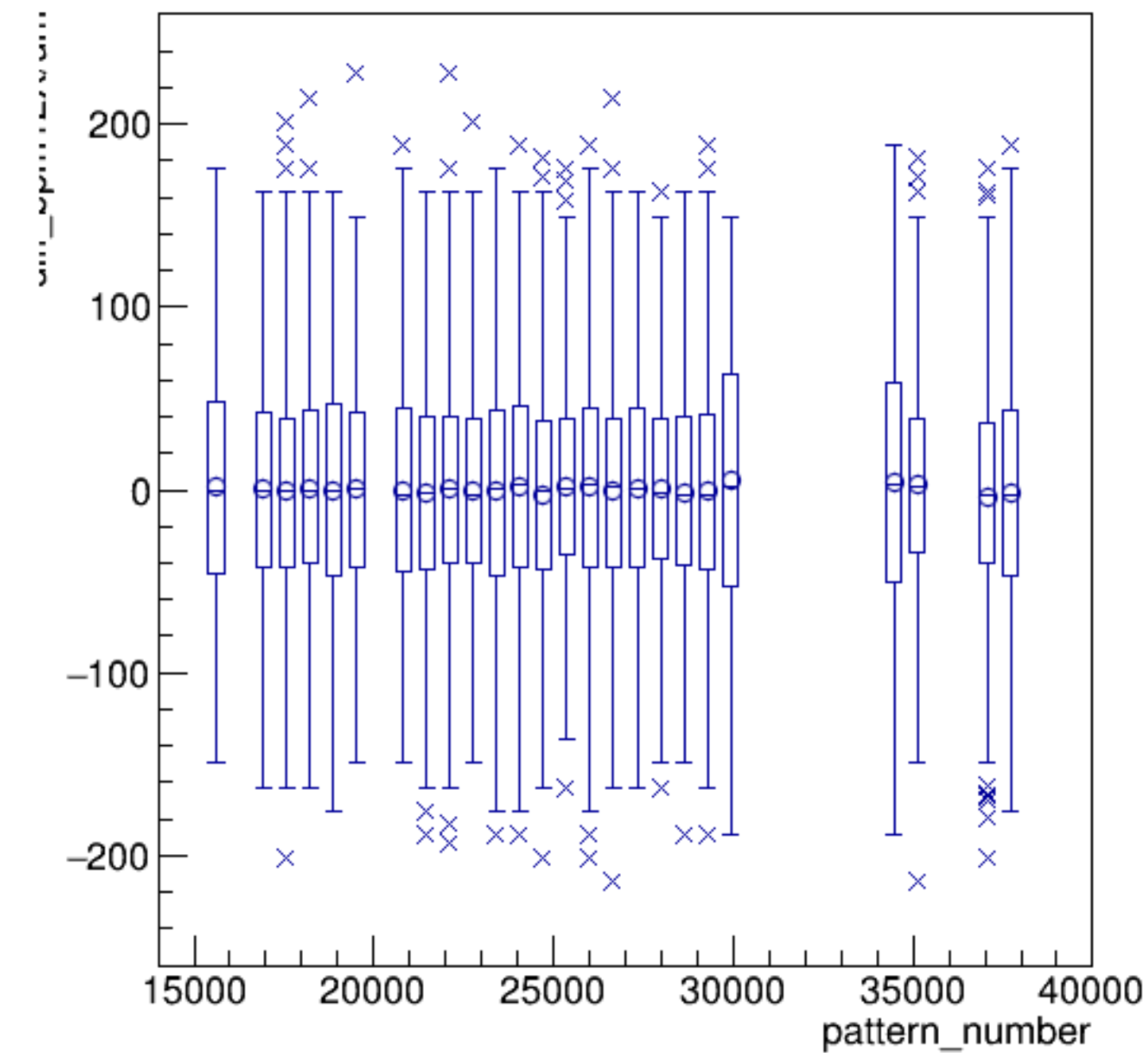


run7964_000_pairTree_bpm12X.png

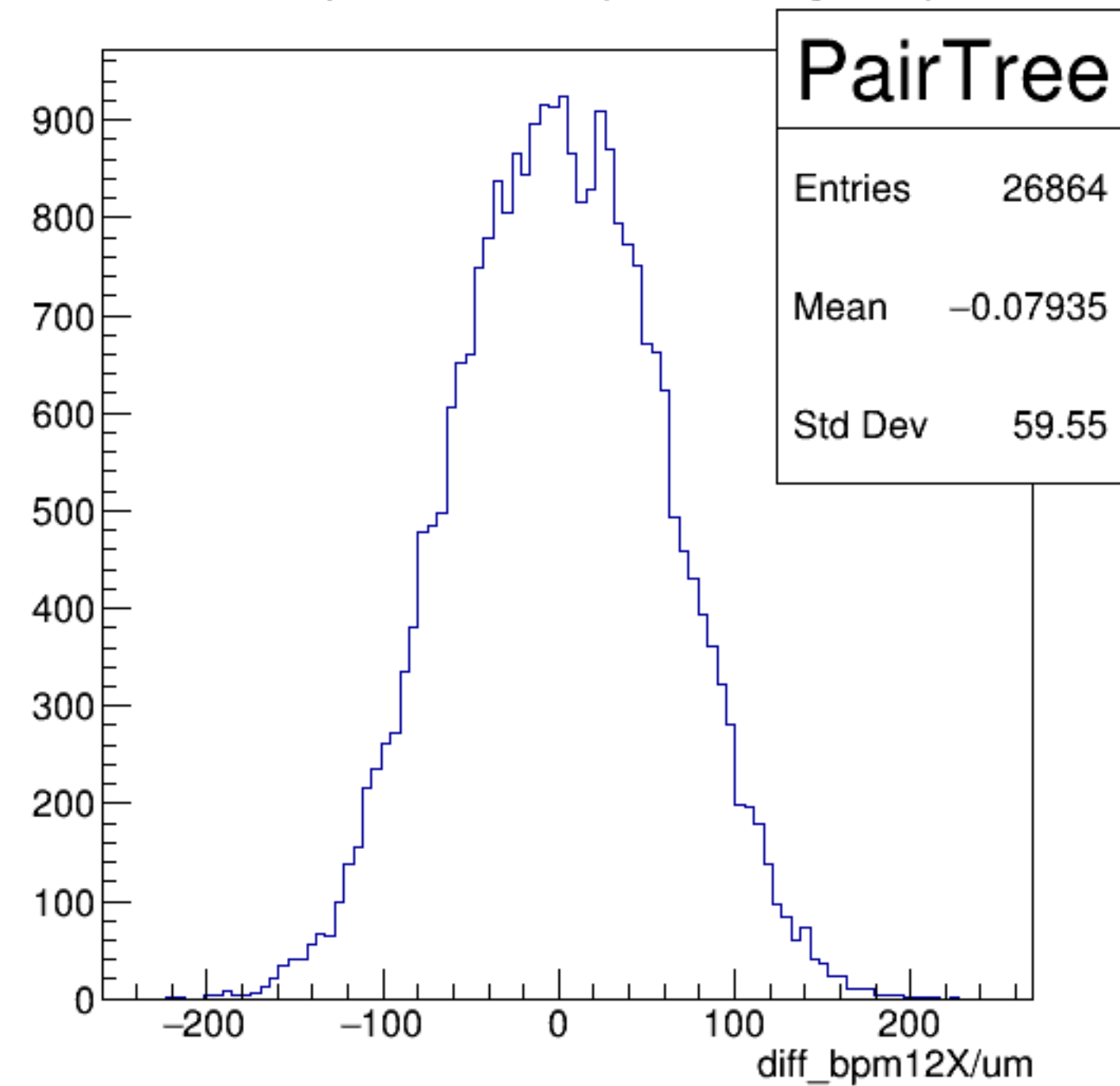
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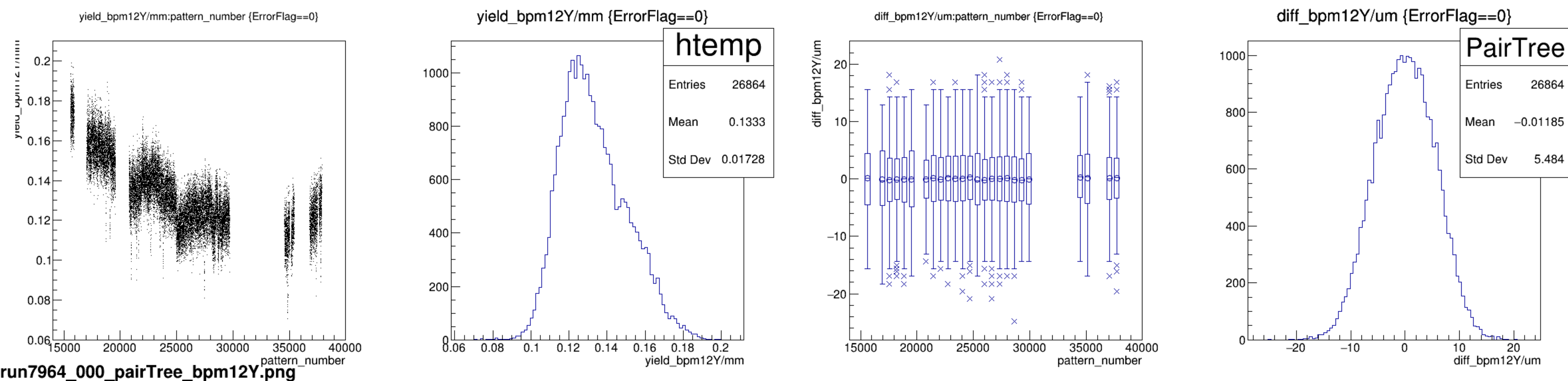


diff_bpm12X/um:pattern_number {ErrorFlag==0}

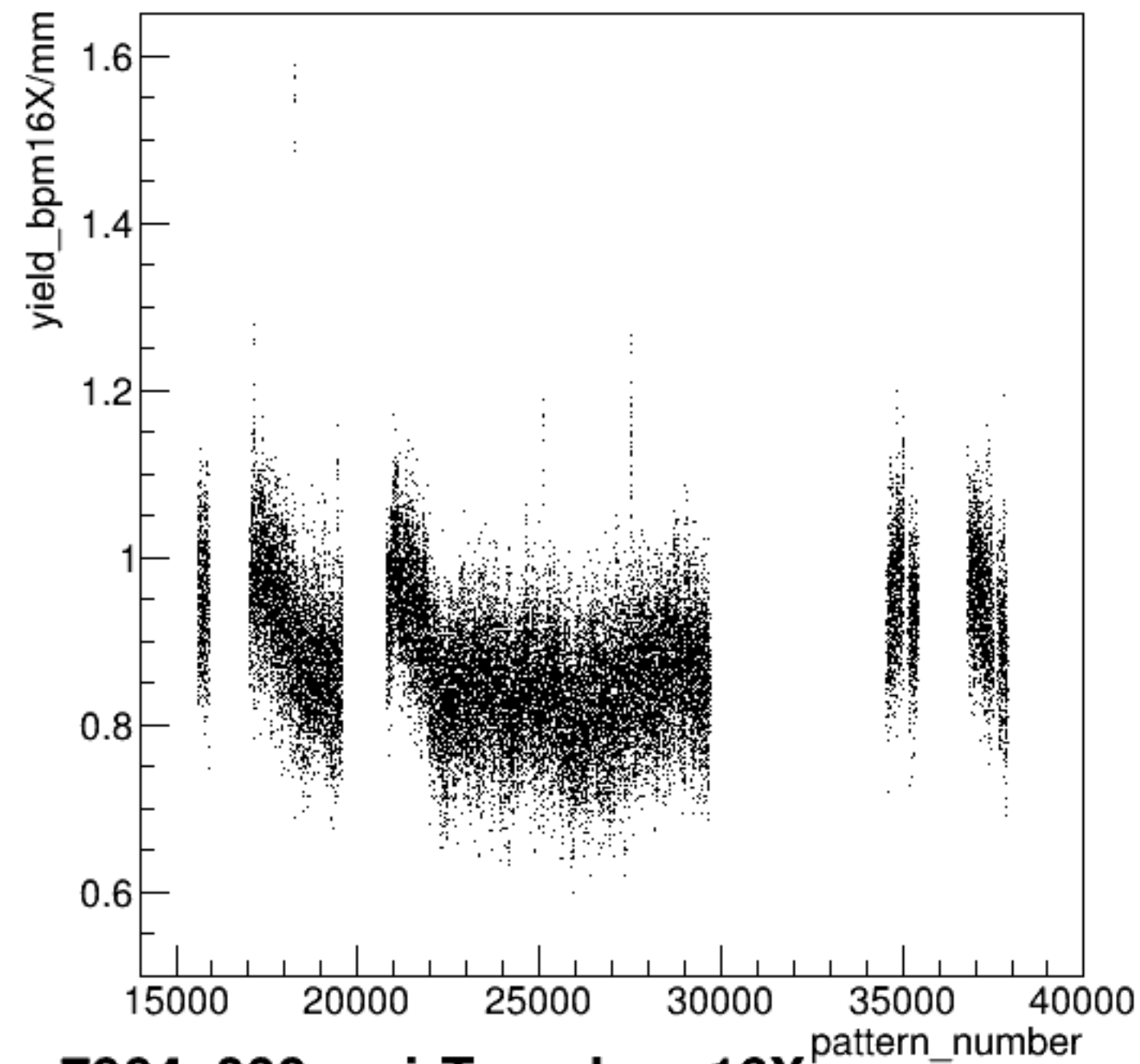


diff_bpm12X/um {ErrorFlag==0}

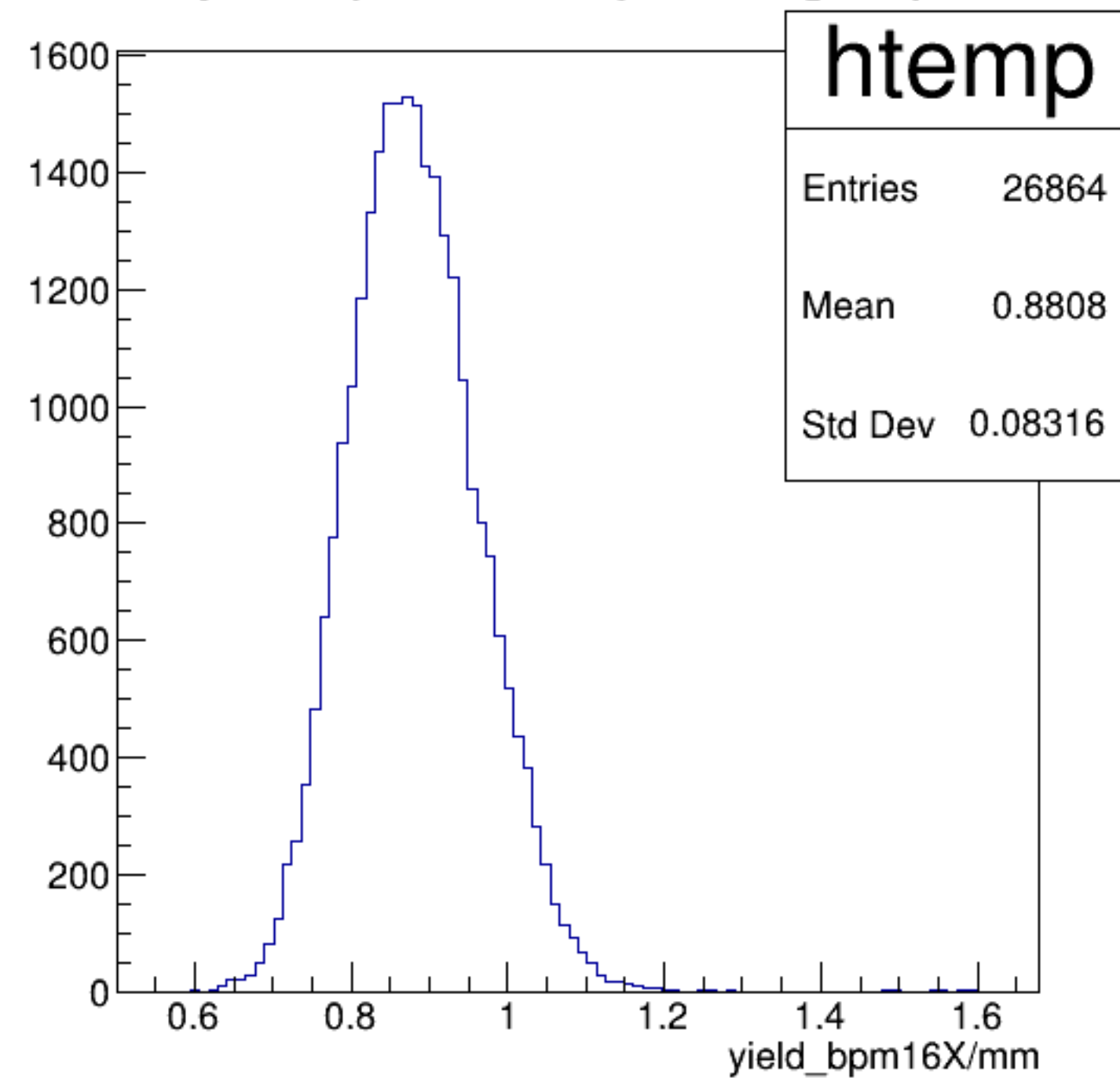




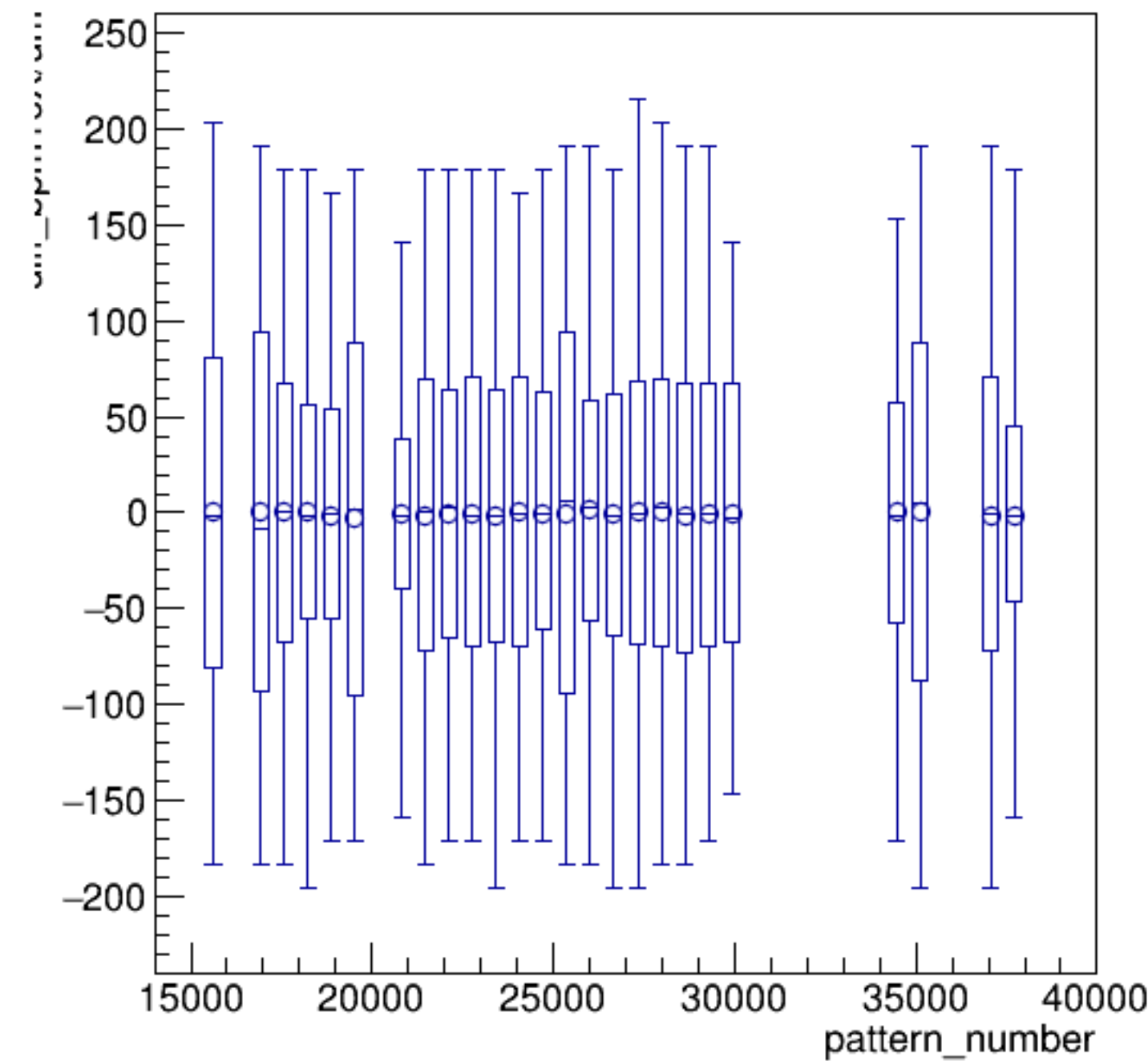
yield_bpm16X/mm:pattern_number {ErrorFlag==0}



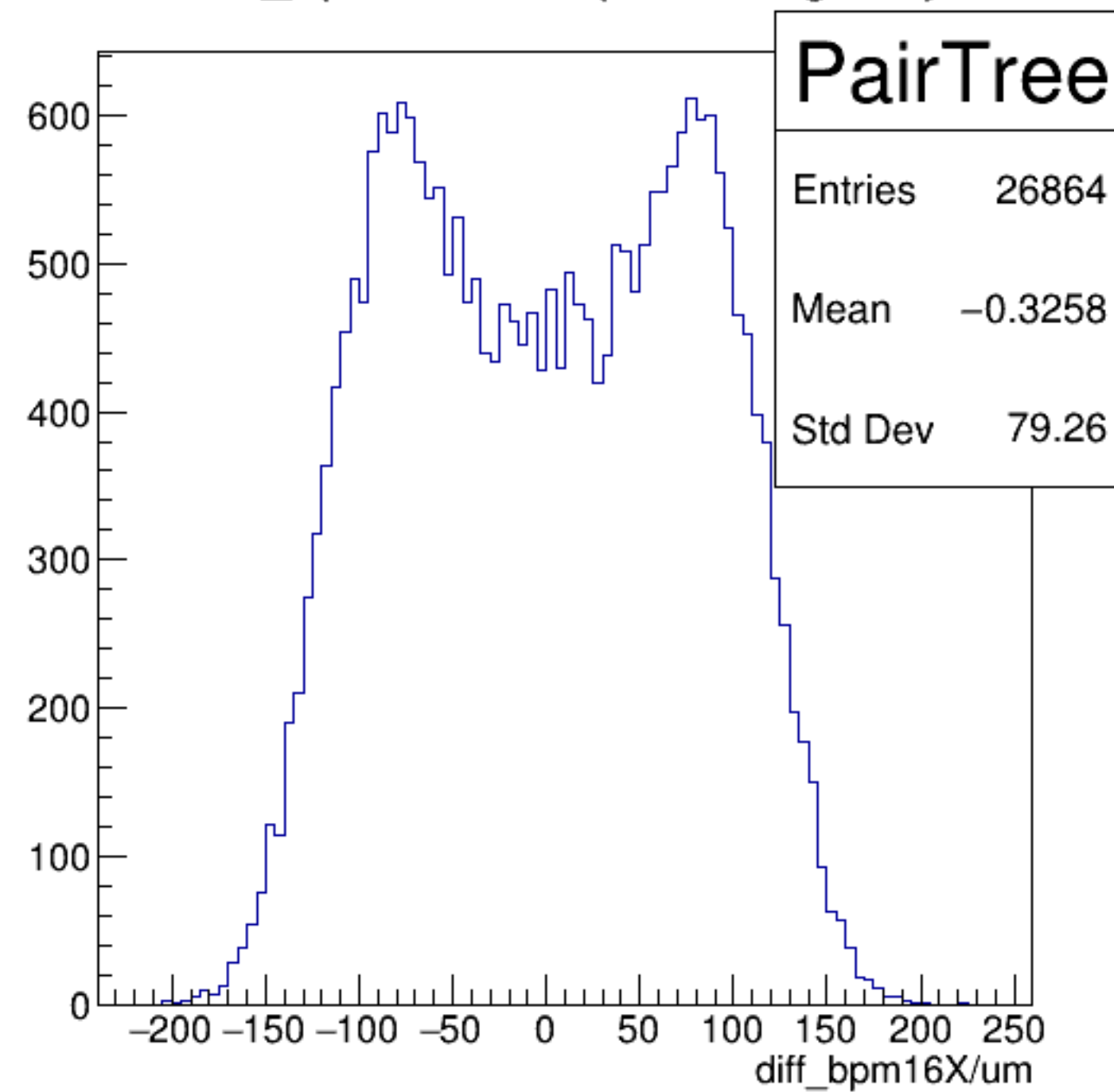
yield_bpm16X/mm {ErrorFlag==0}



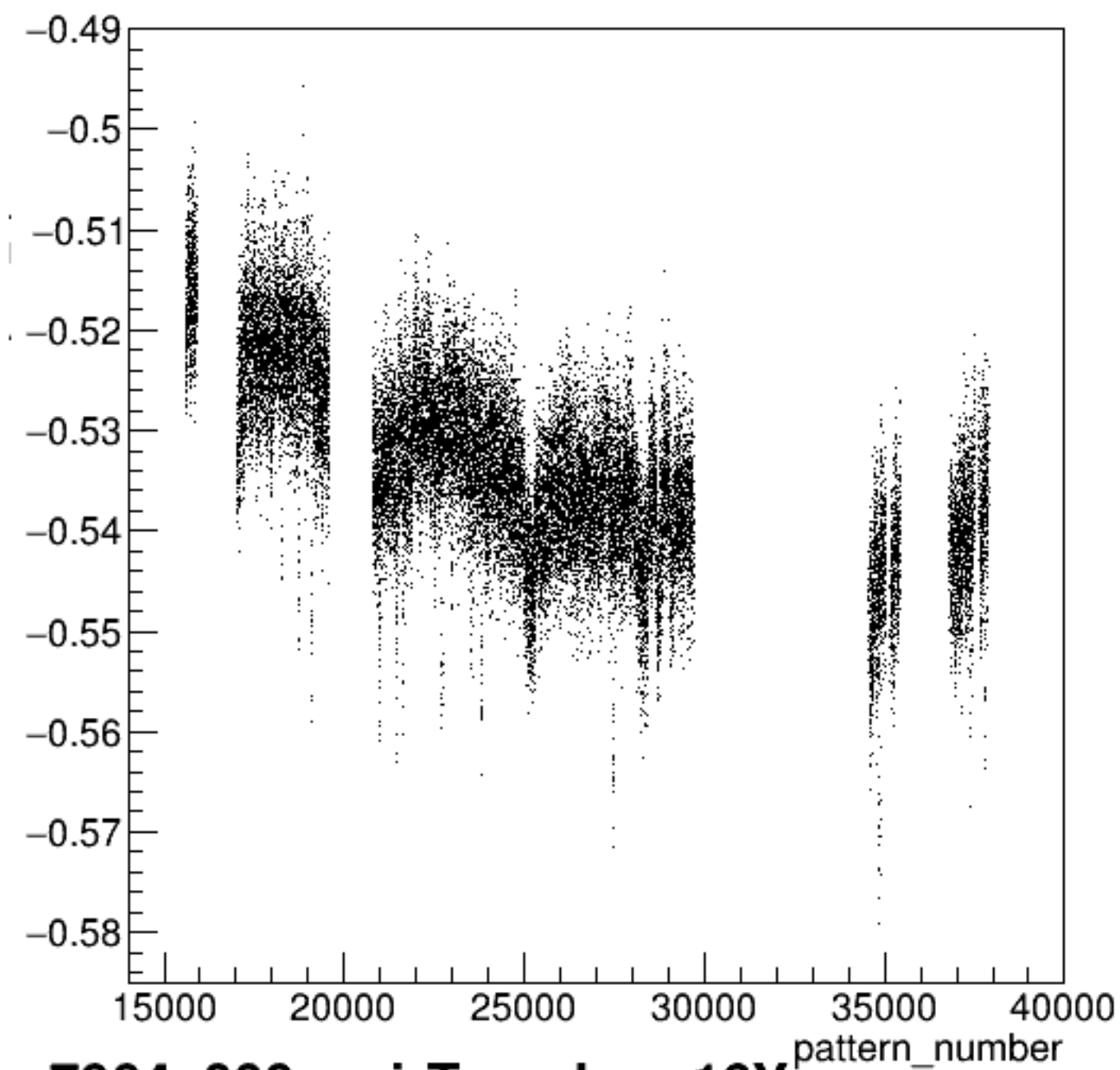
diff_bpm16X/um:pattern_number {ErrorFlag==0}



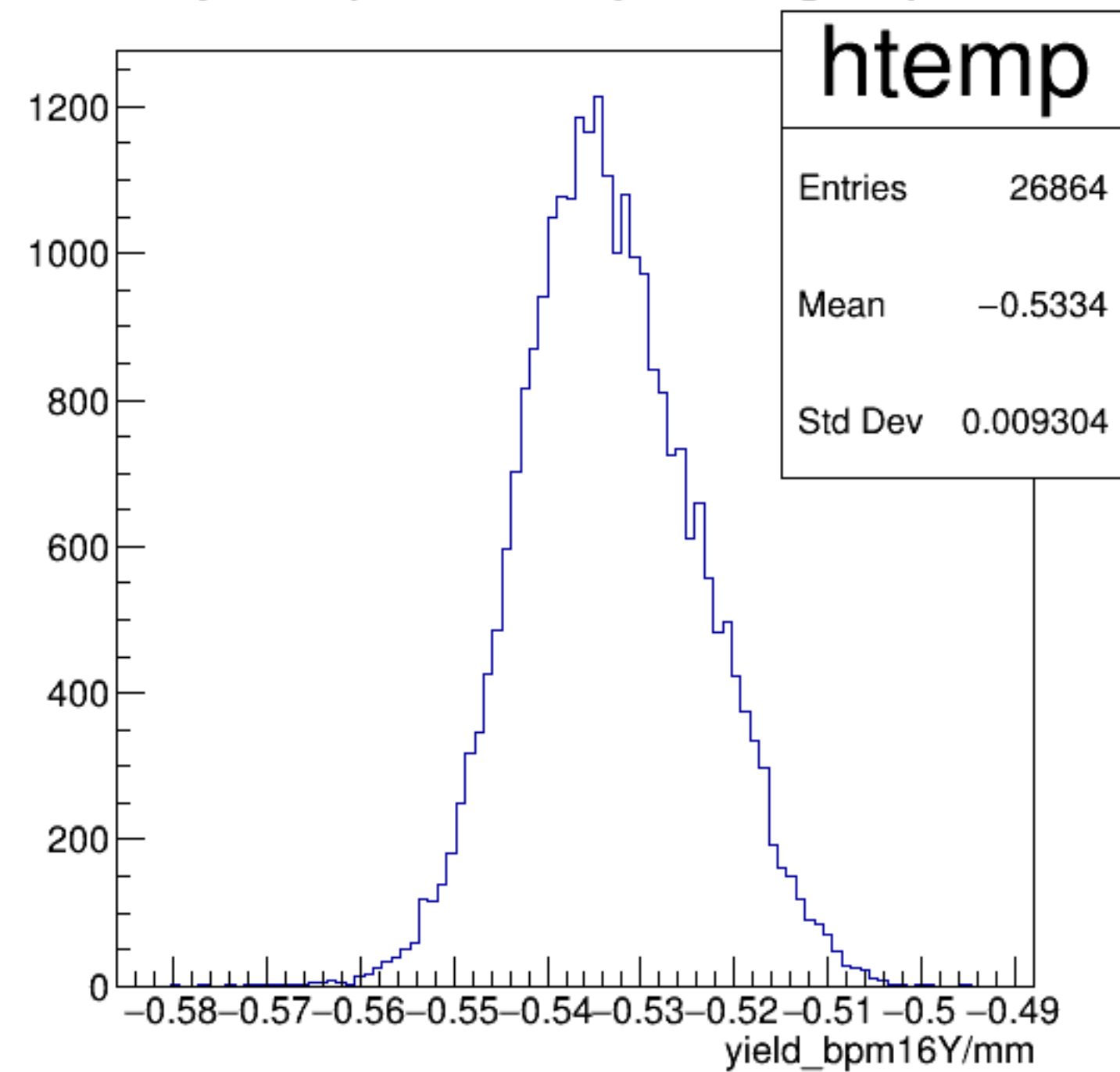
diff_bpm16X/um {ErrorFlag==0}



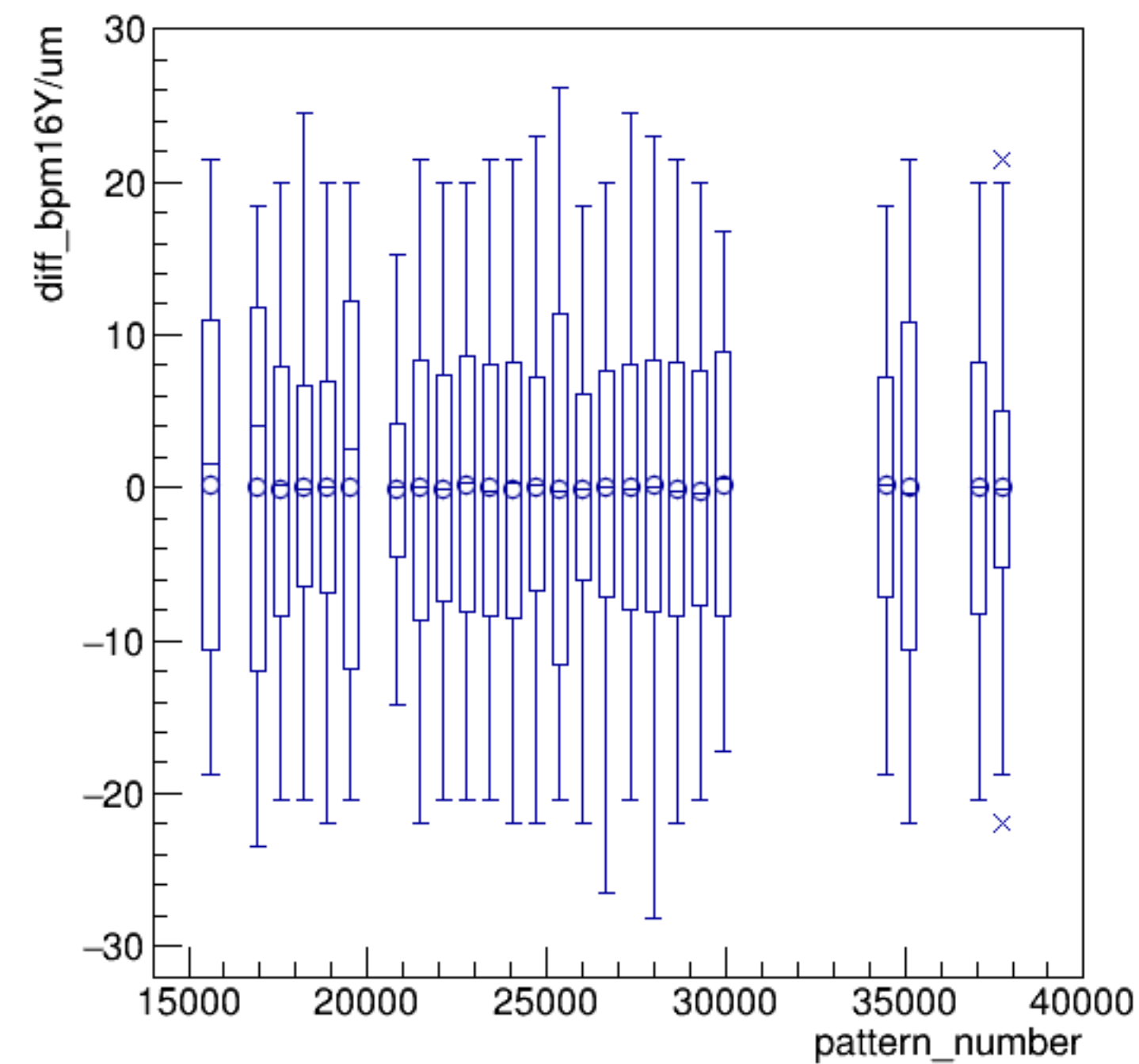
yield_bpm16Y/mm:pattern_number {ErrorFlag==0}



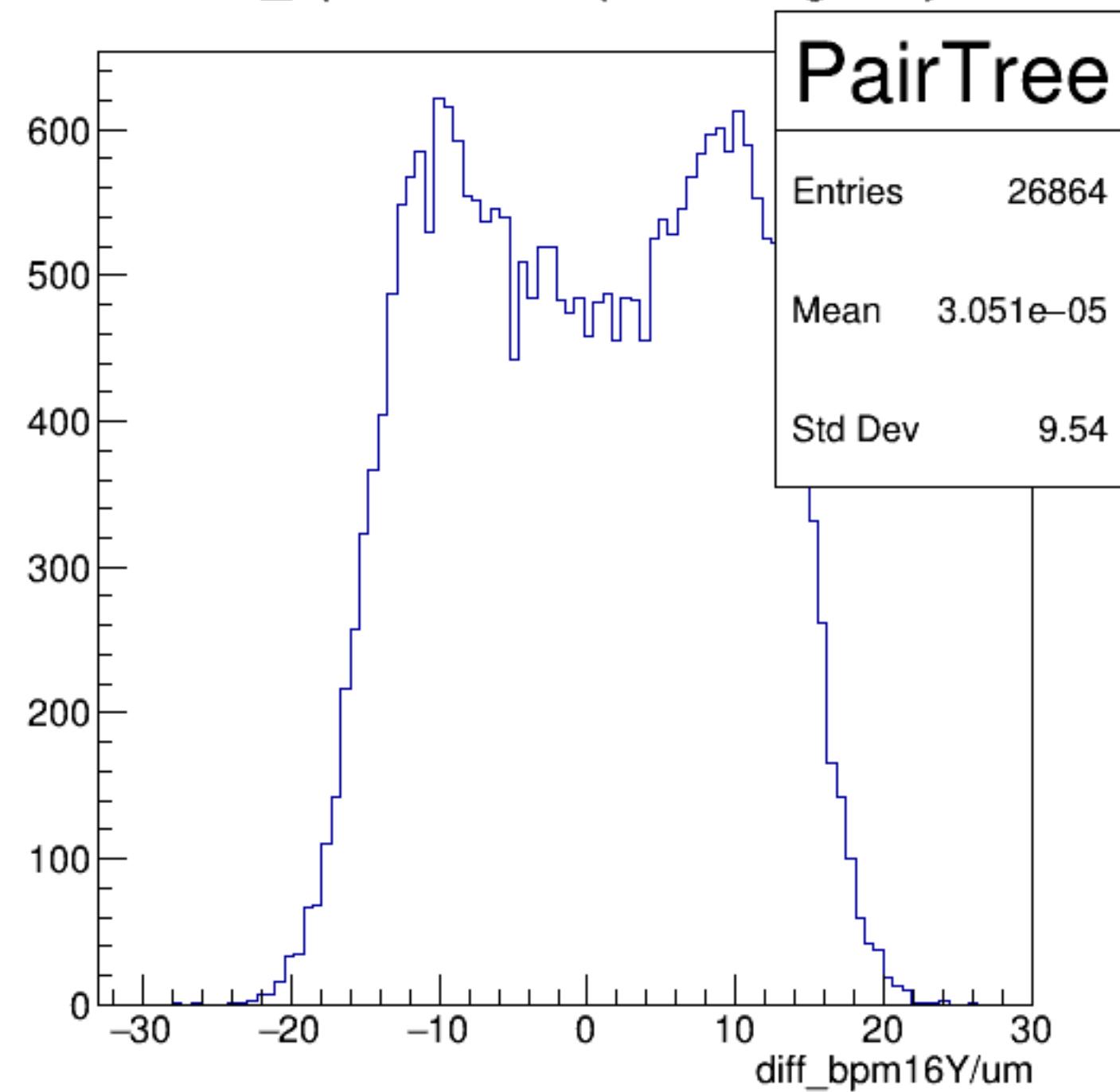
yield_bpm16Y/mm {ErrorFlag==0}

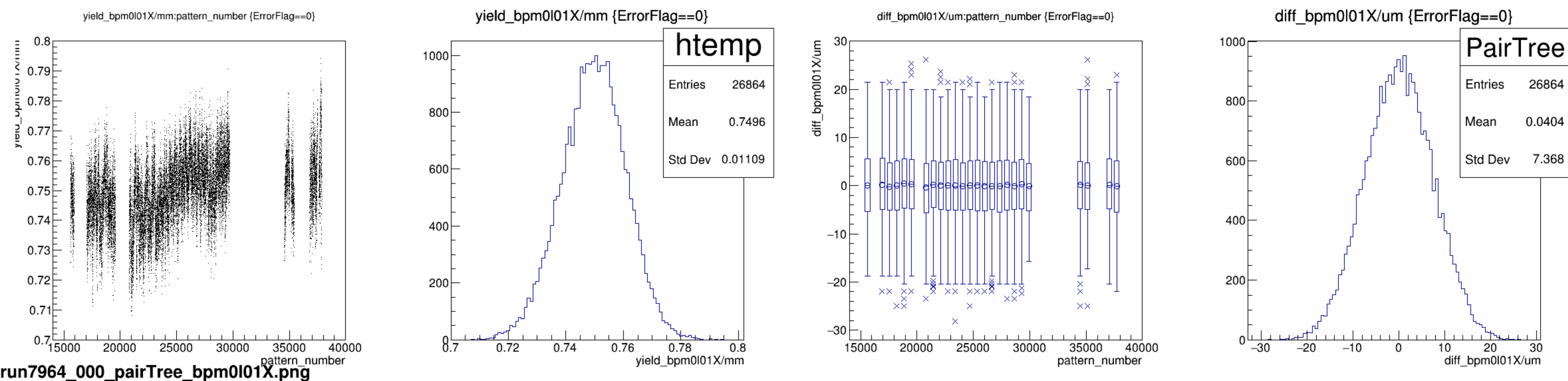


diff_bpm16Y/um:pattern_number {ErrorFlag==0}

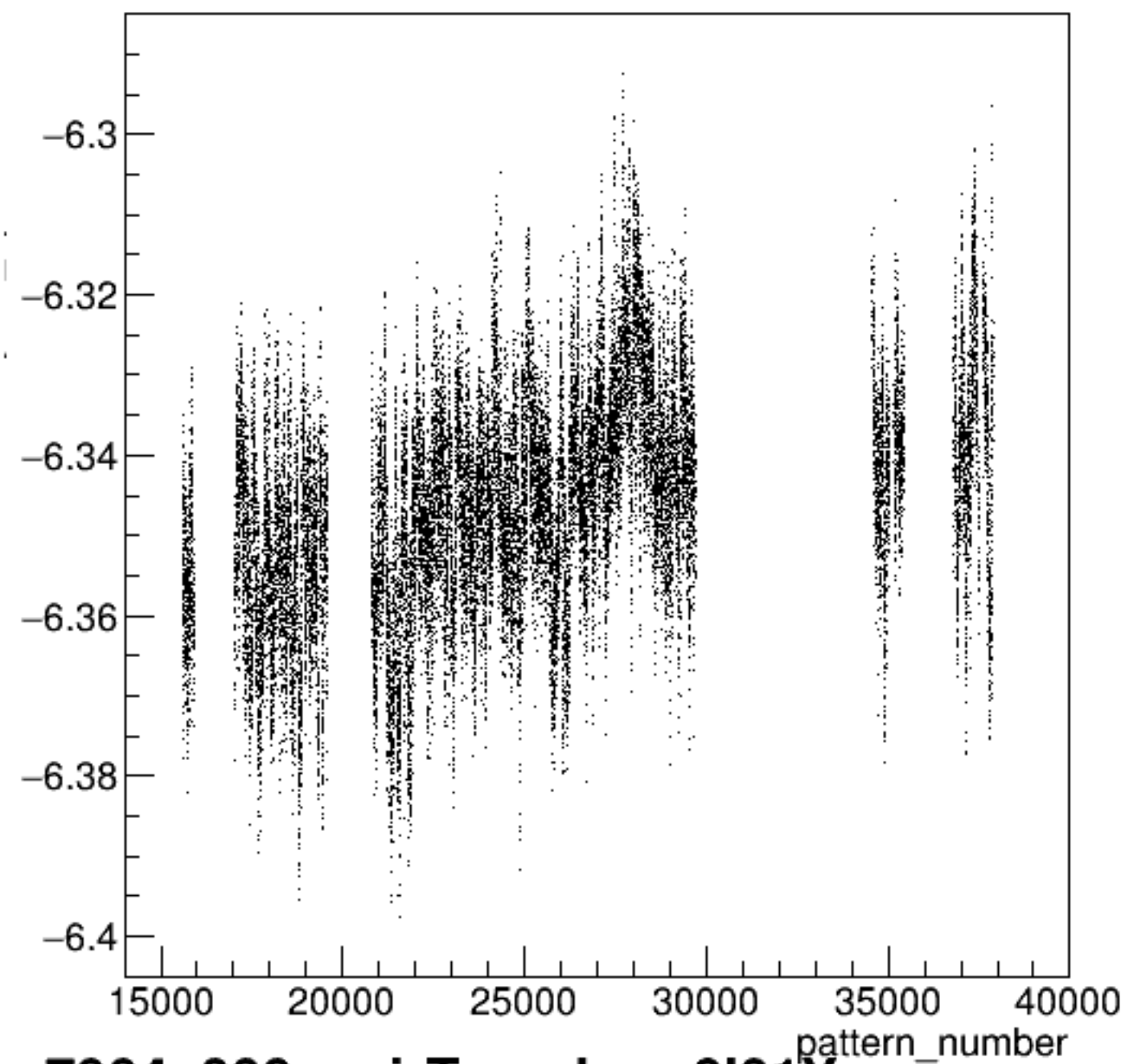


diff_bpm16Y/um {ErrorFlag==0}

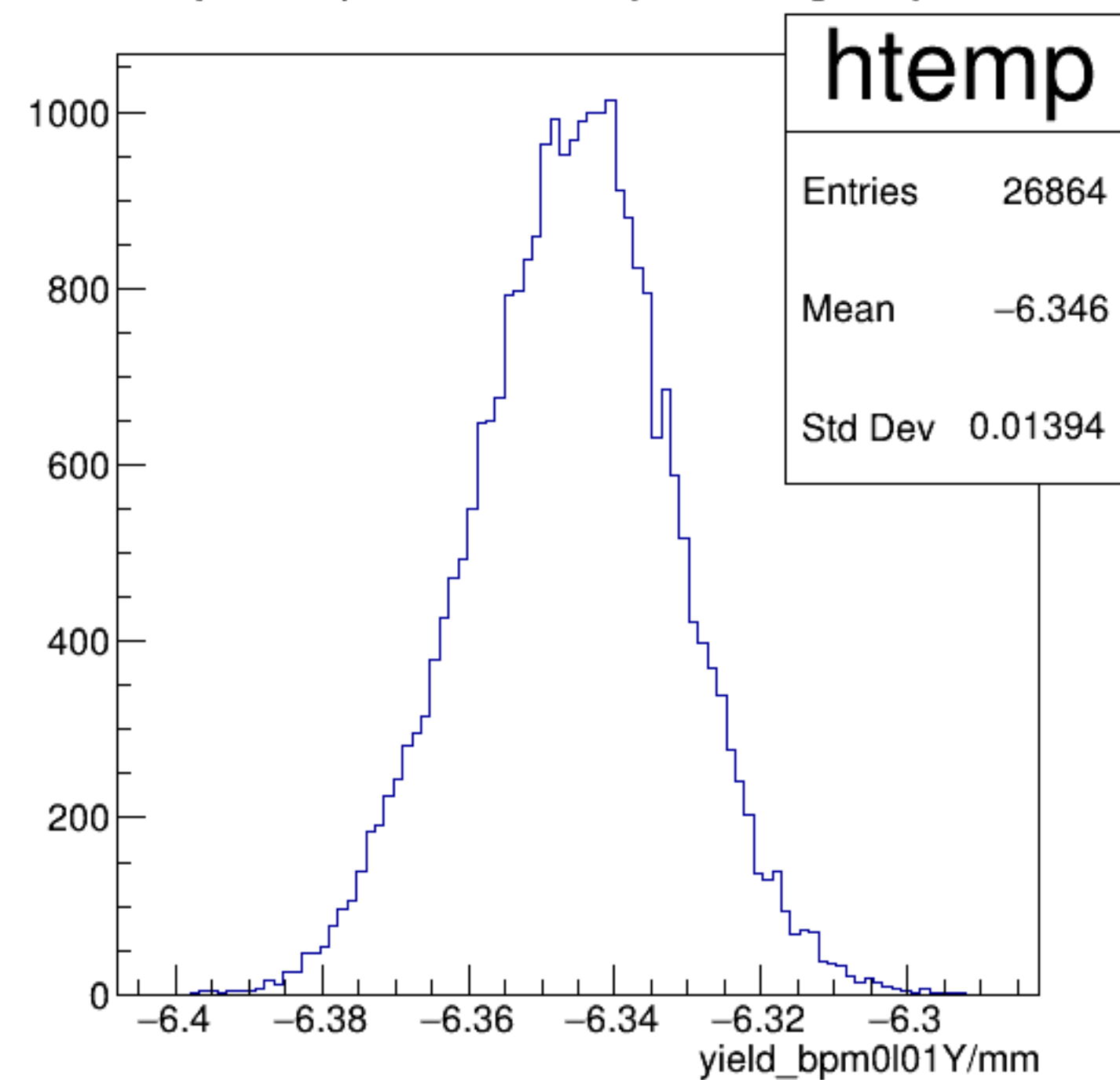




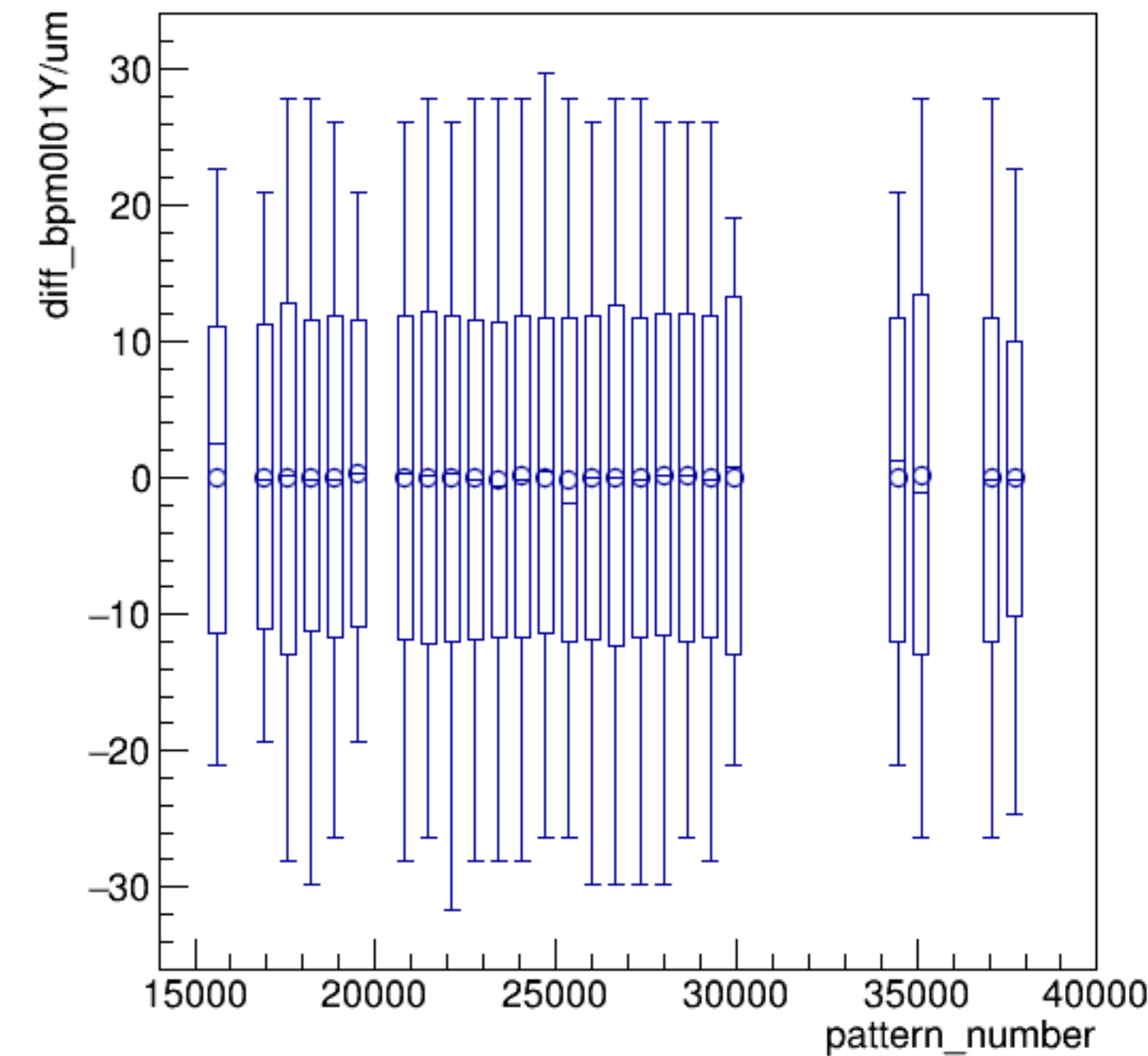
yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}



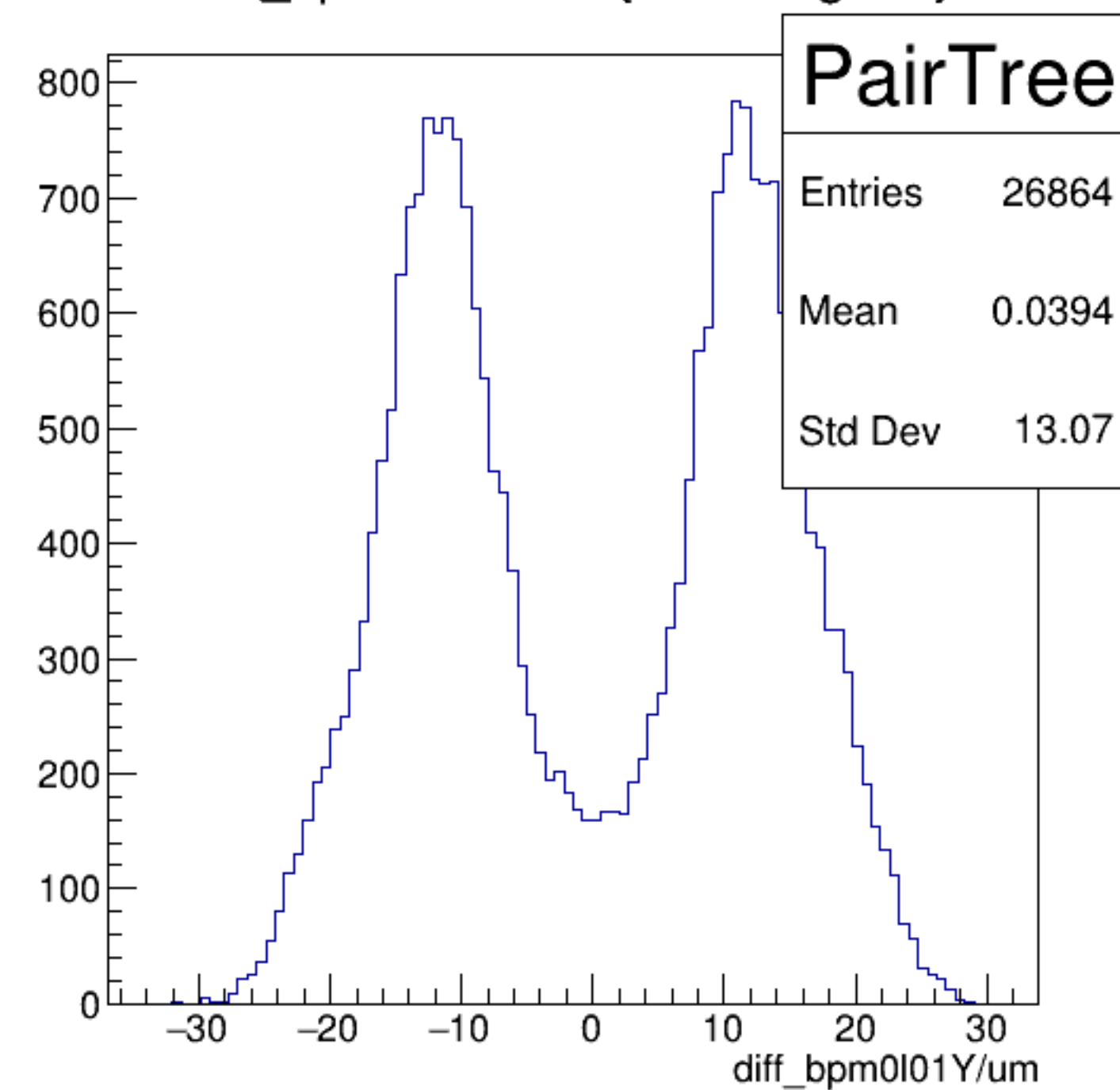
yield_bpm0l01Y/mm {ErrorFlag==0}



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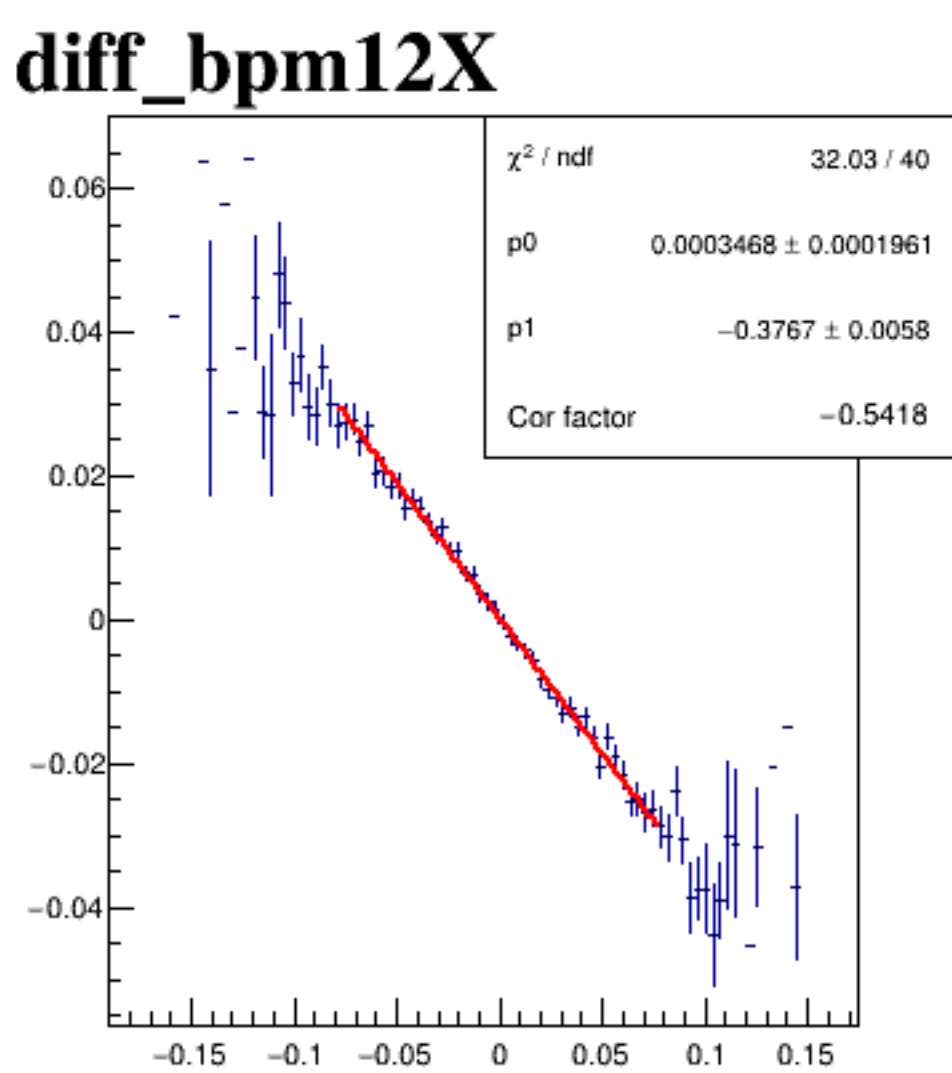
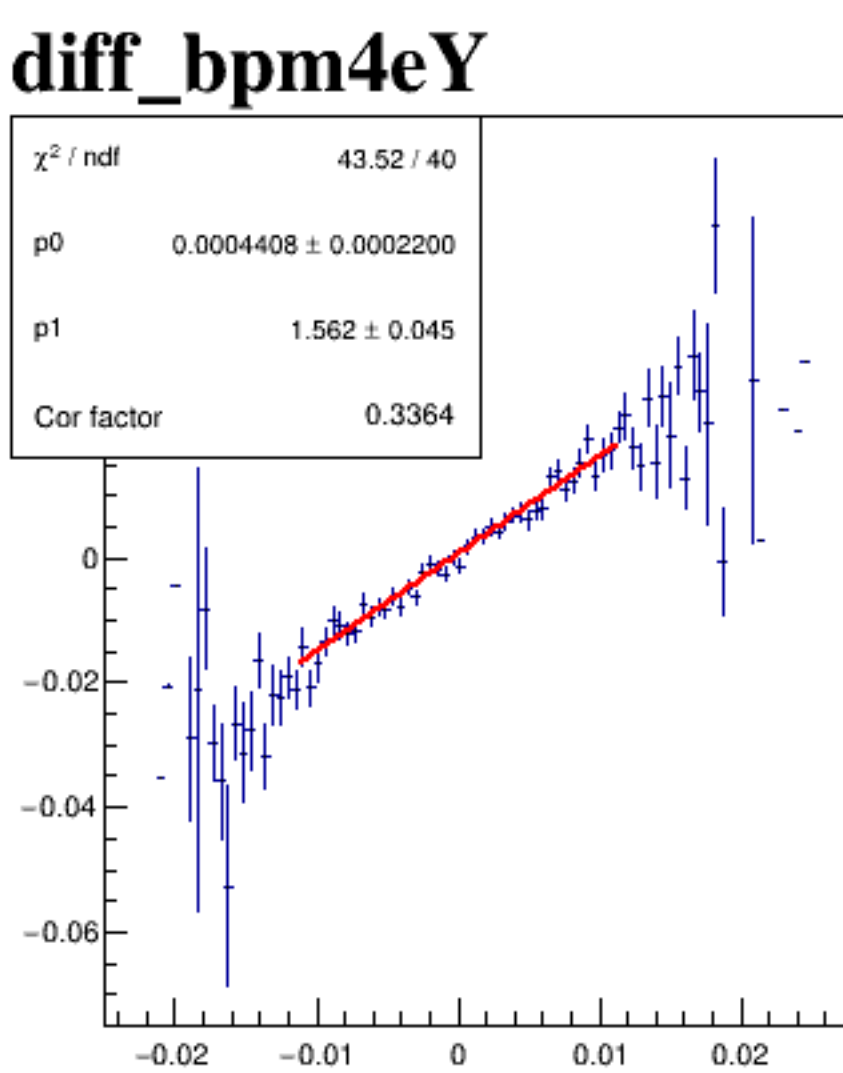
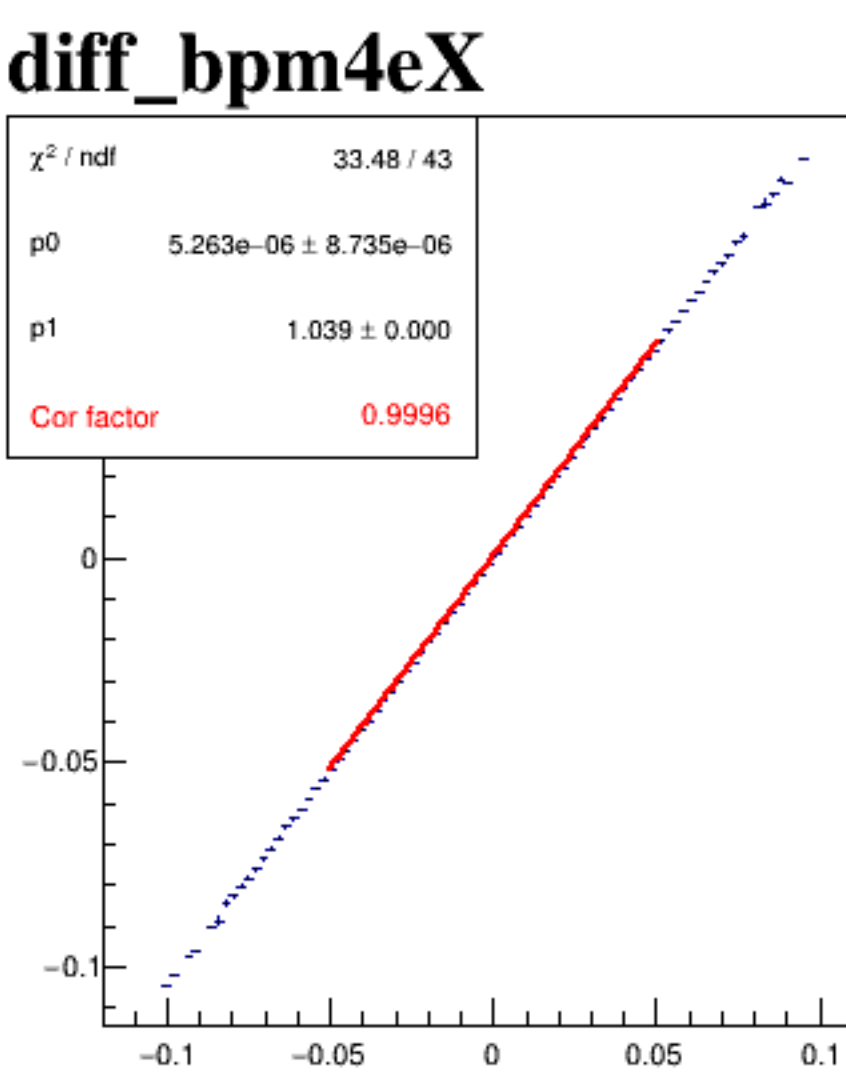
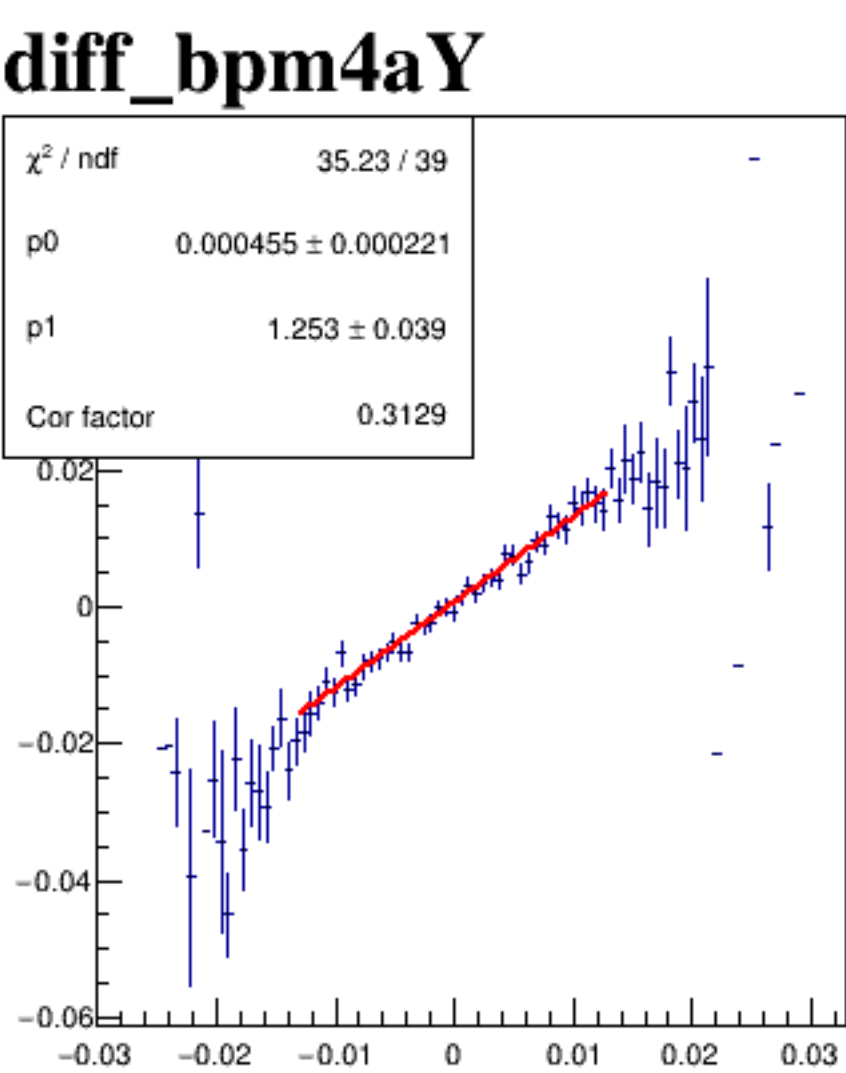
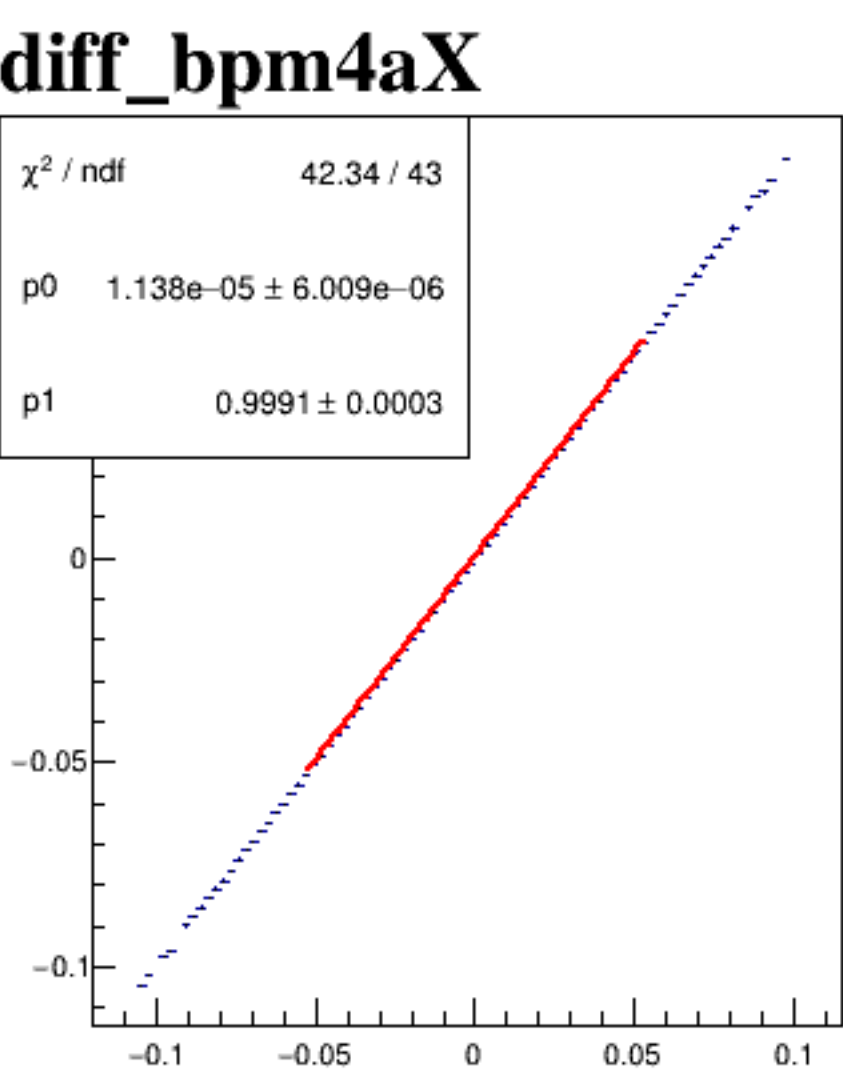


diff_bpm0l01Y/um {ErrorFlag==0}

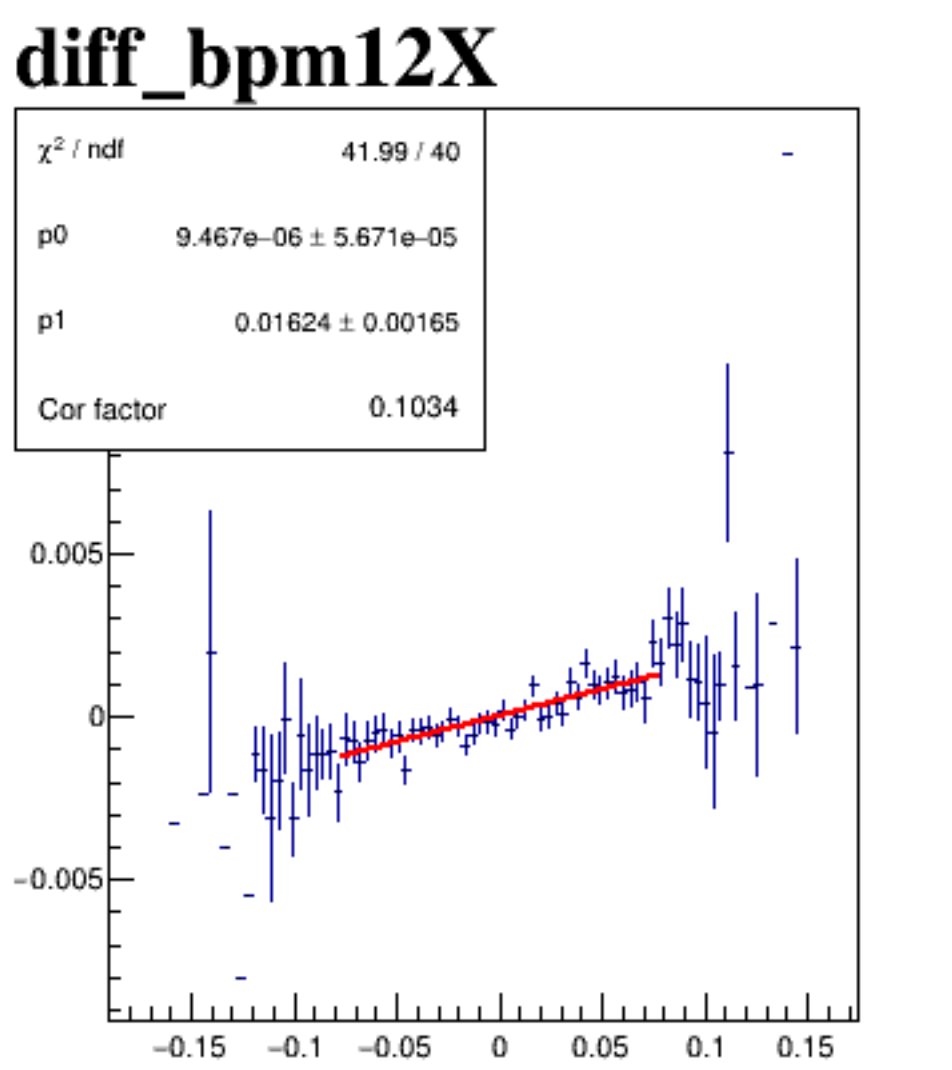
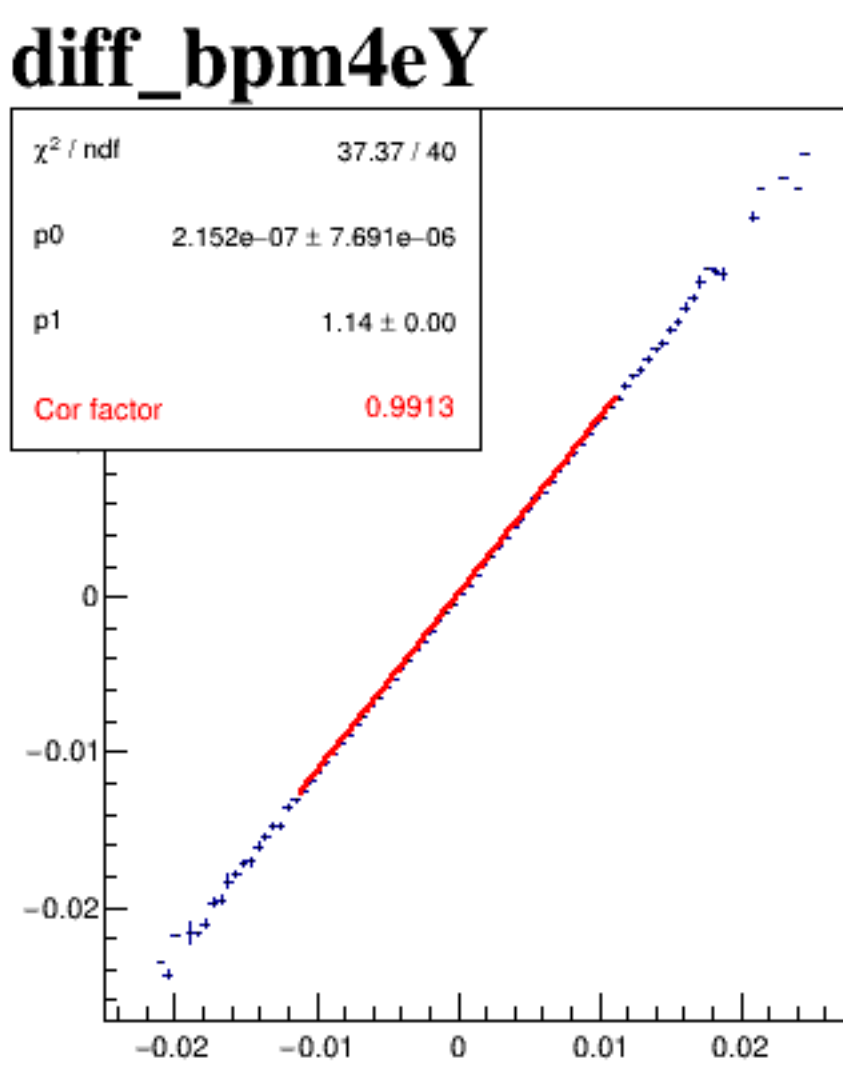
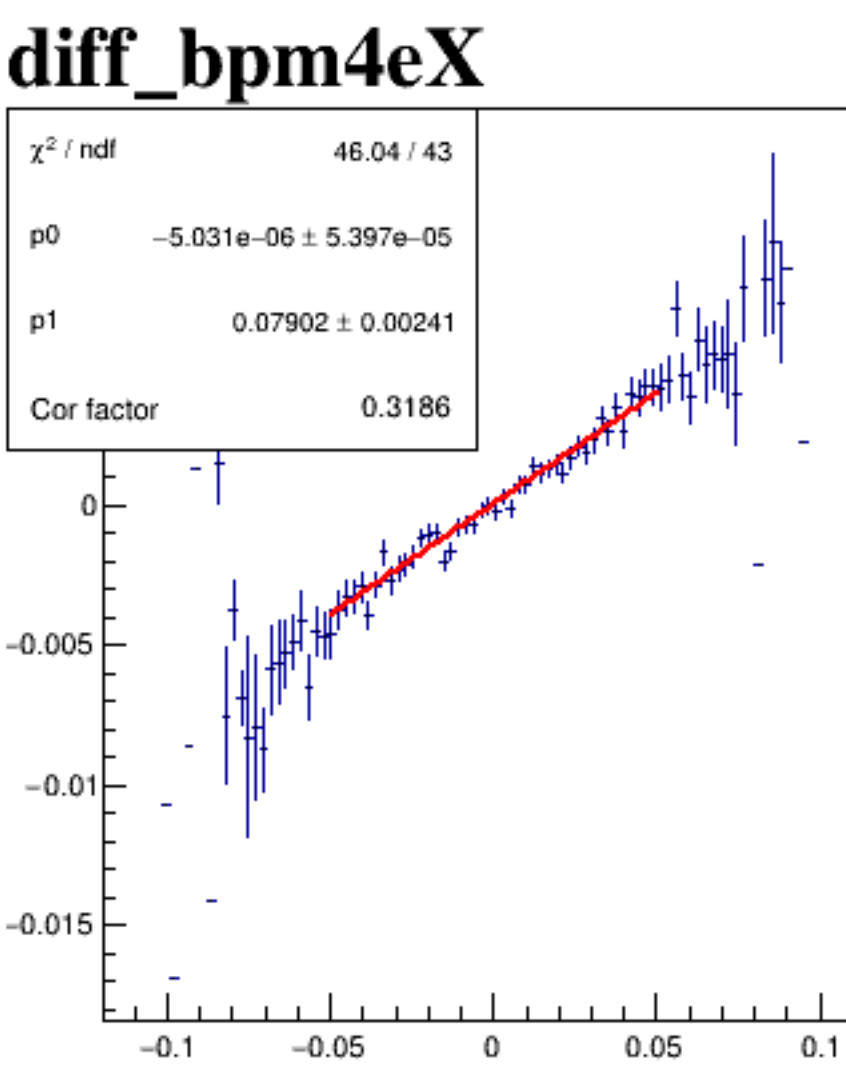
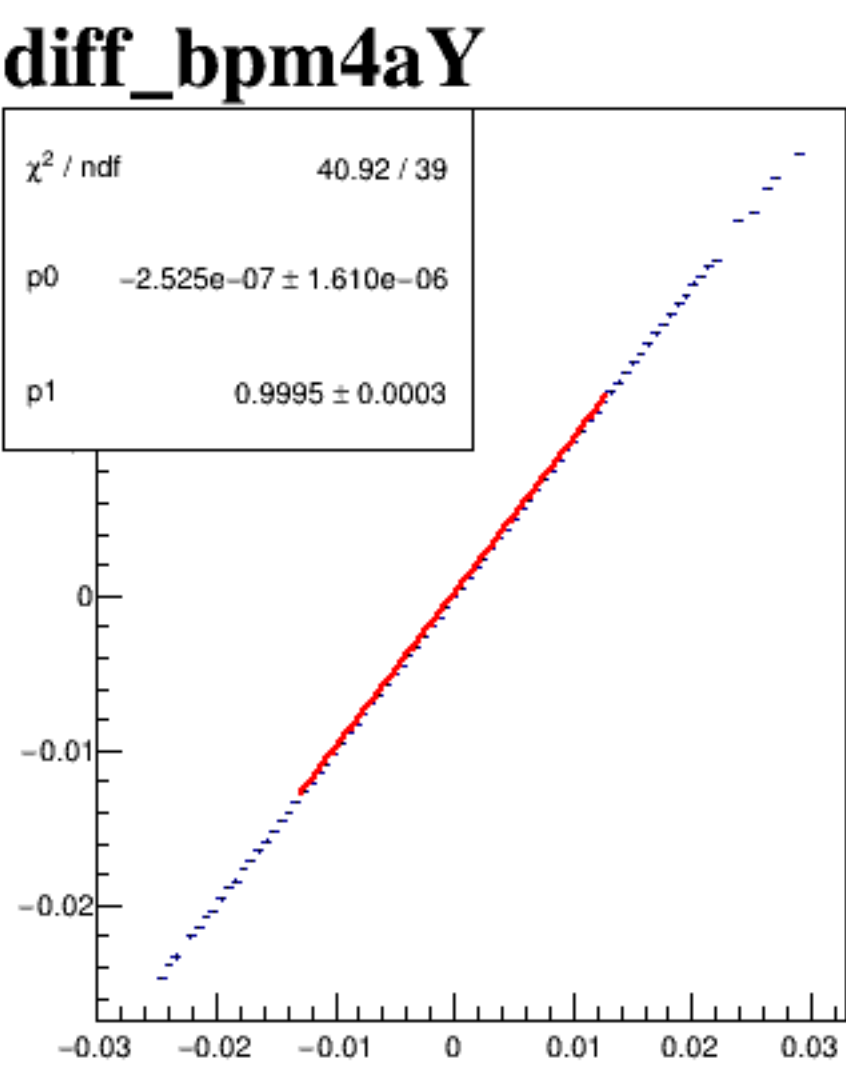
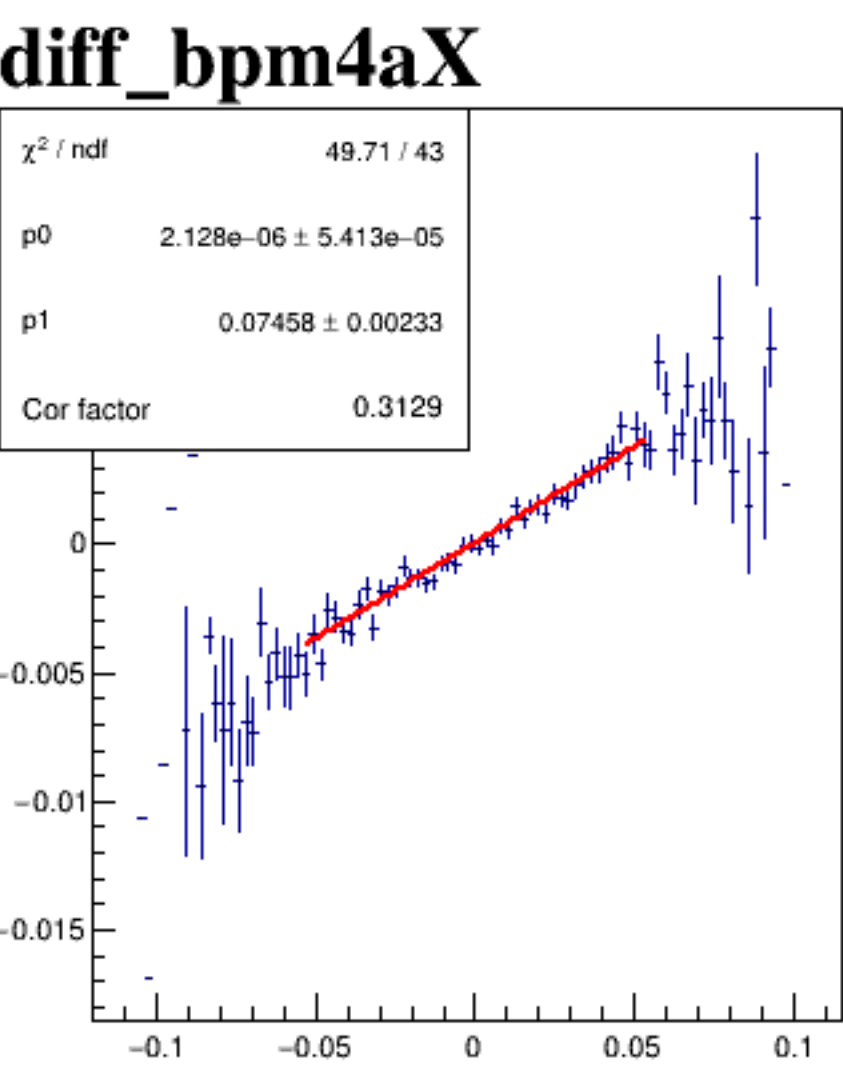


run7964_000_diff_bpm_mutual_correlation_COLZ_default.png

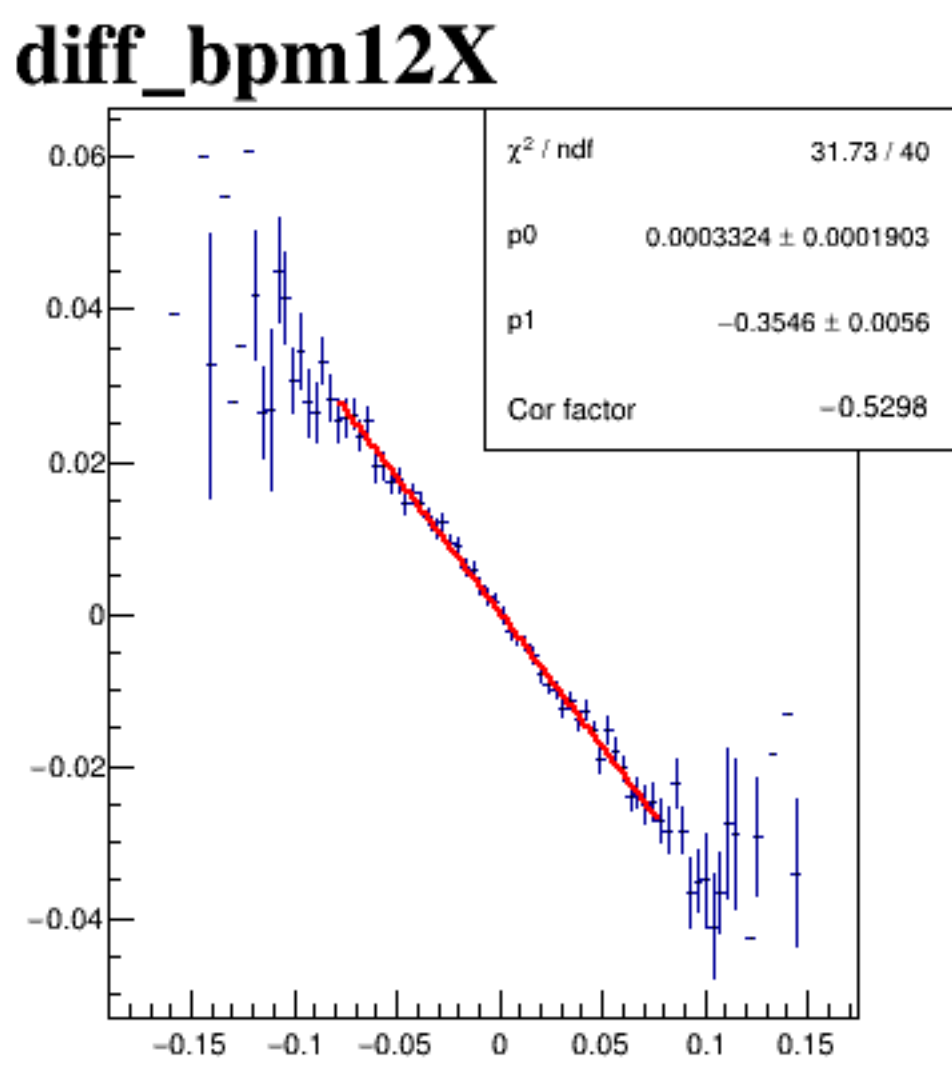
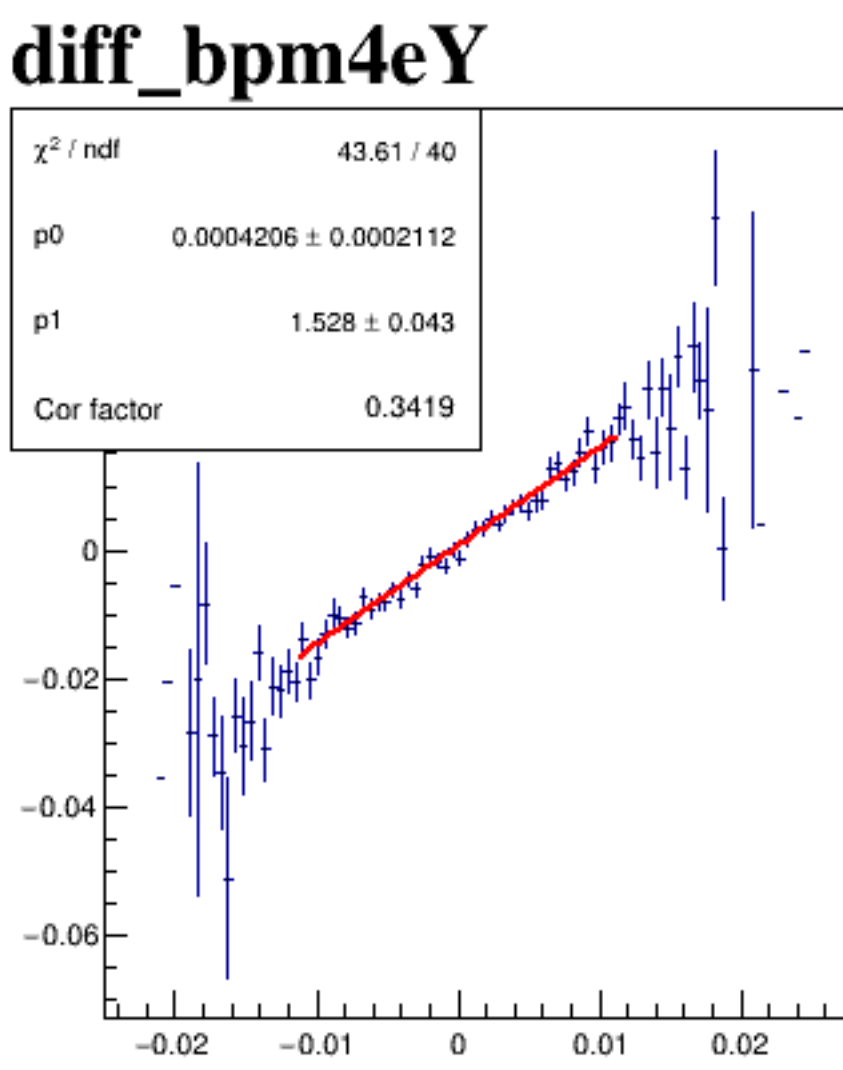
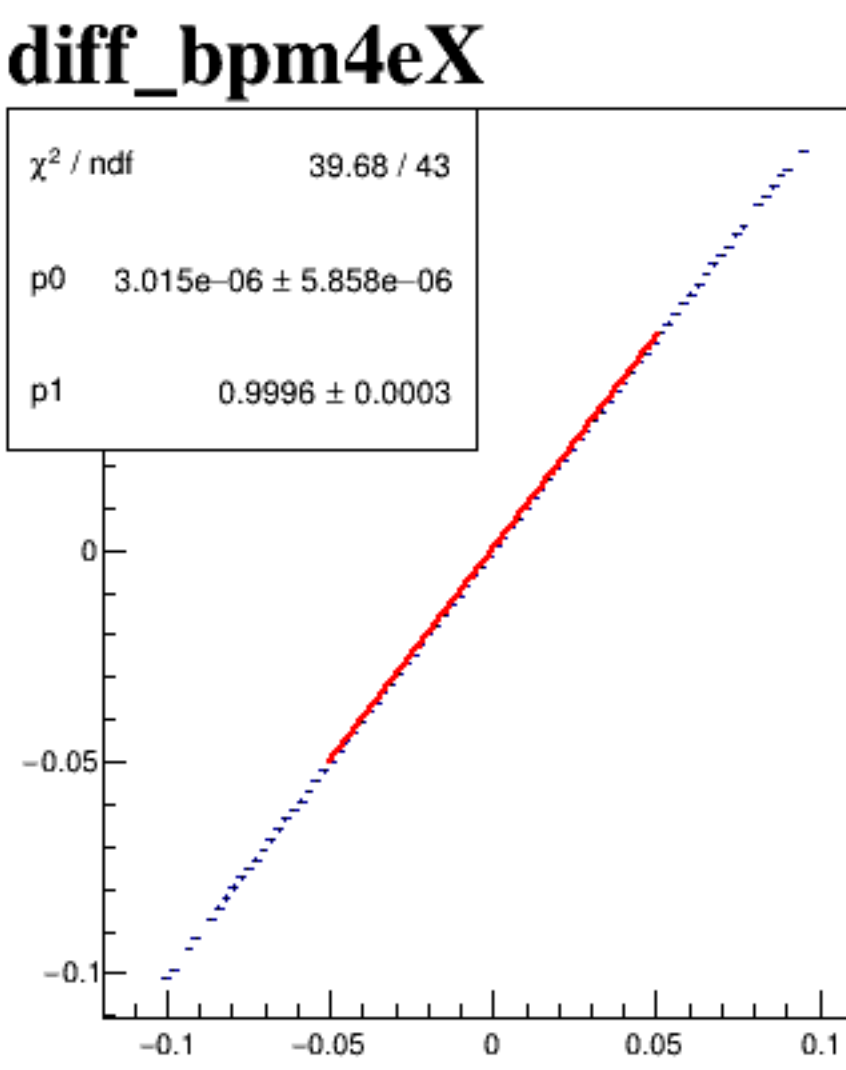
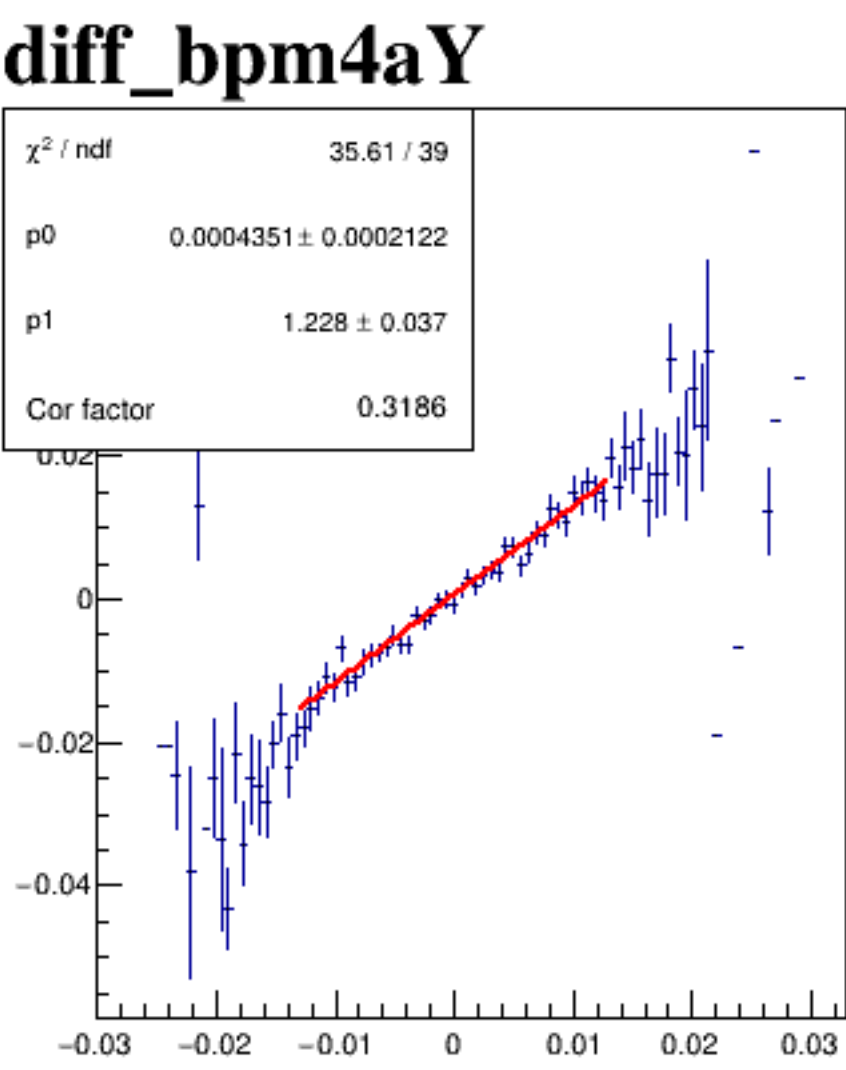
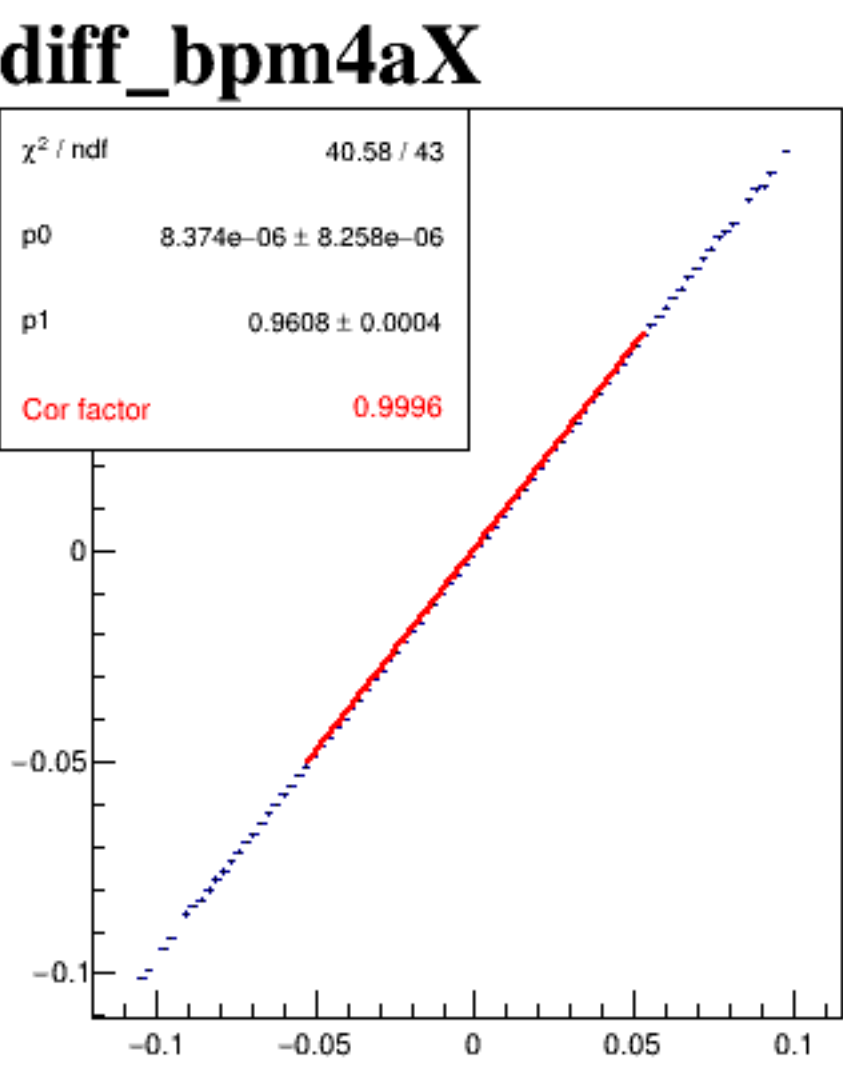
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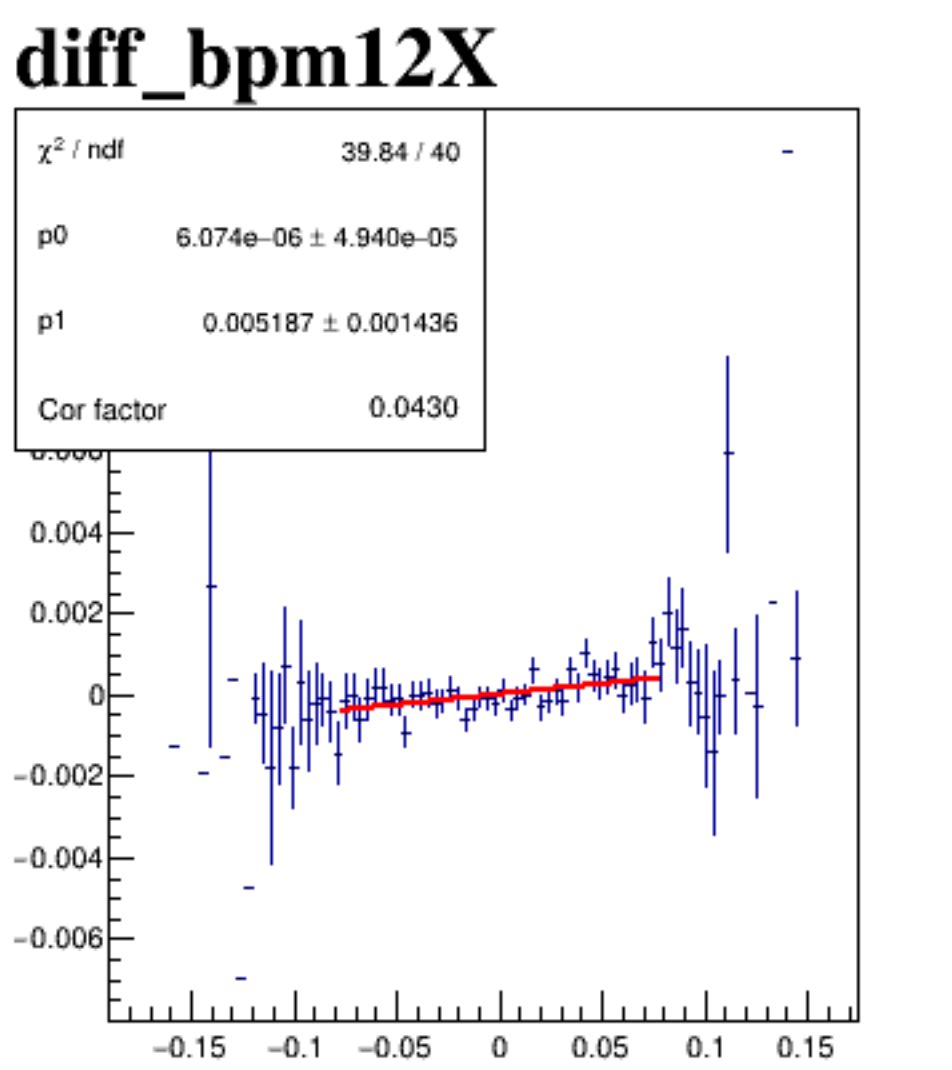
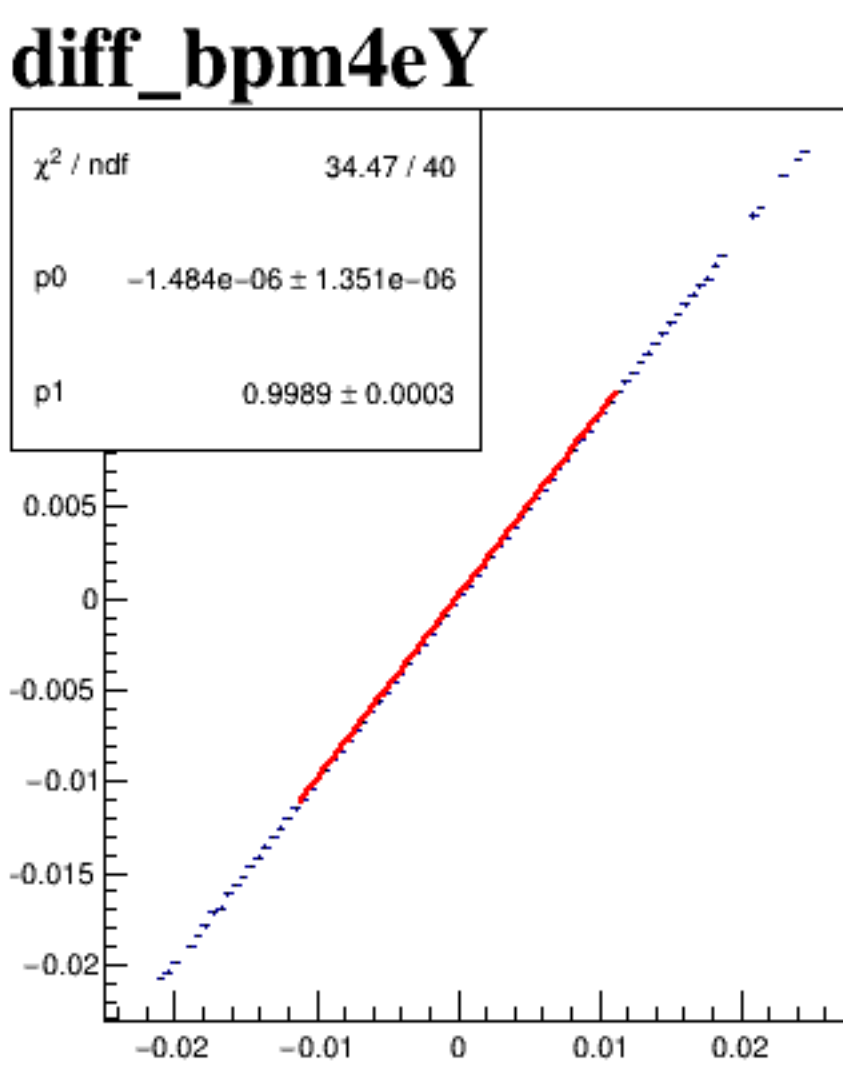
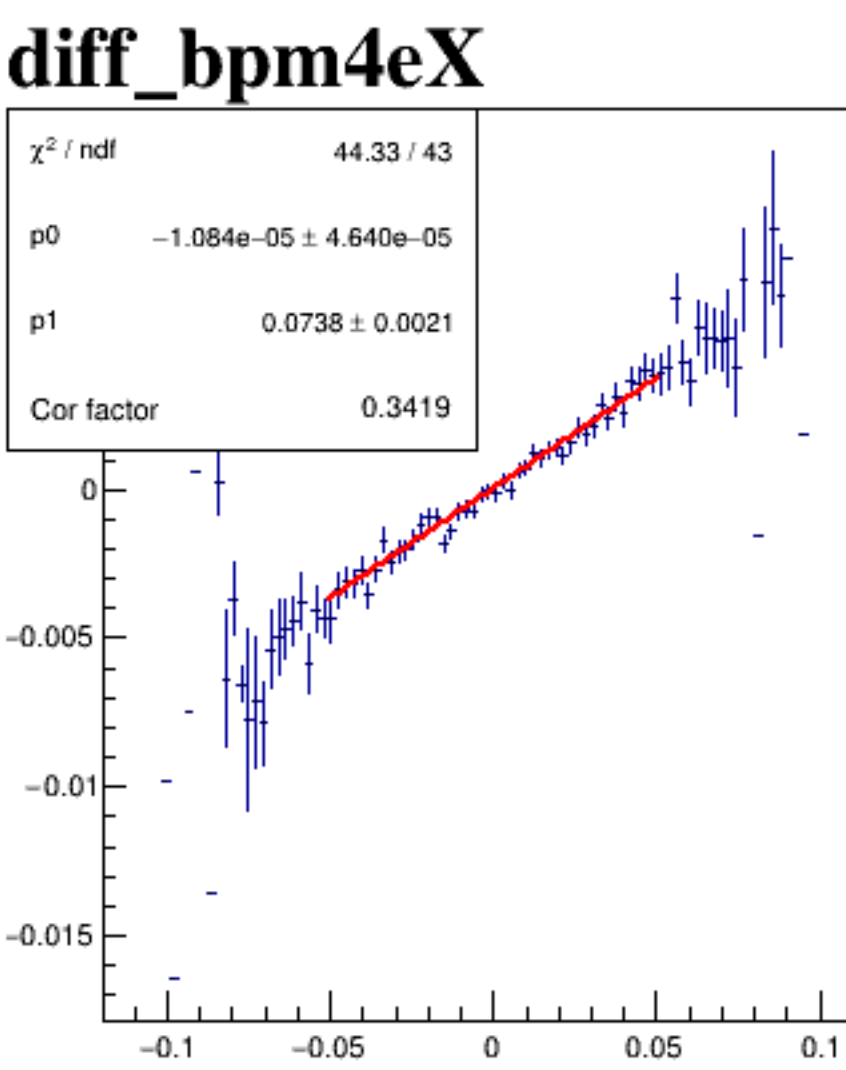
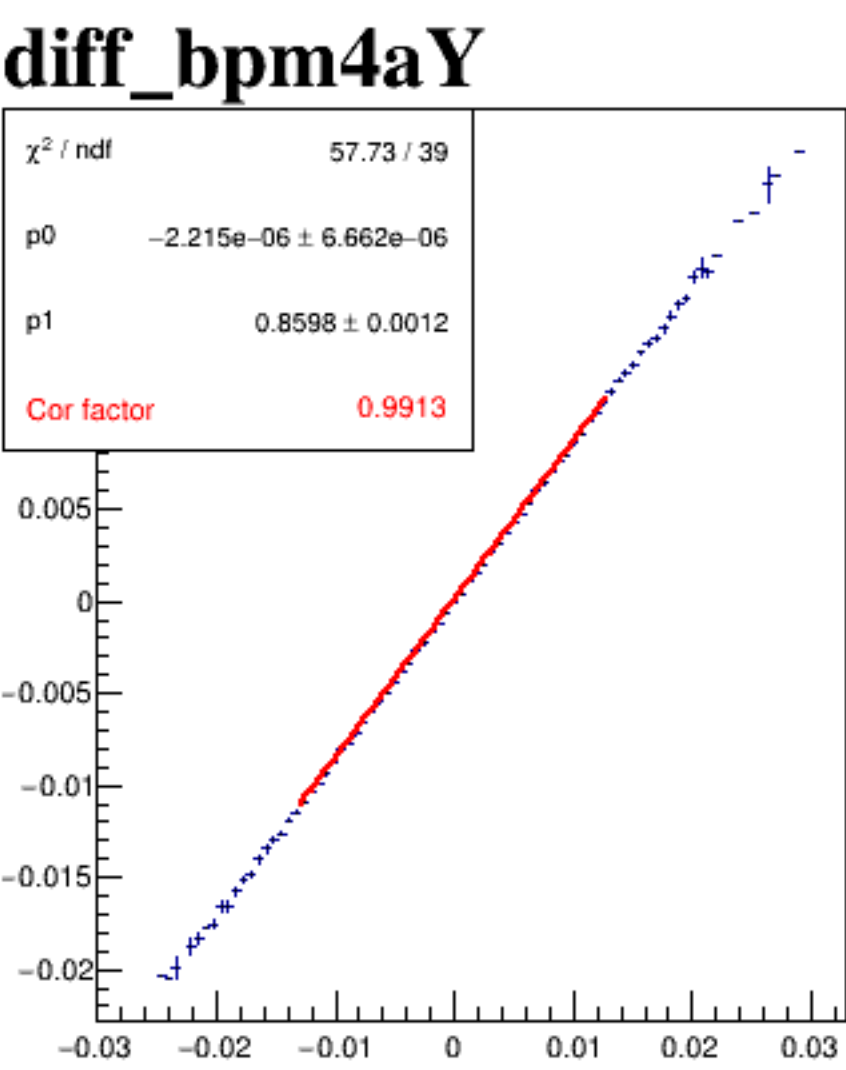
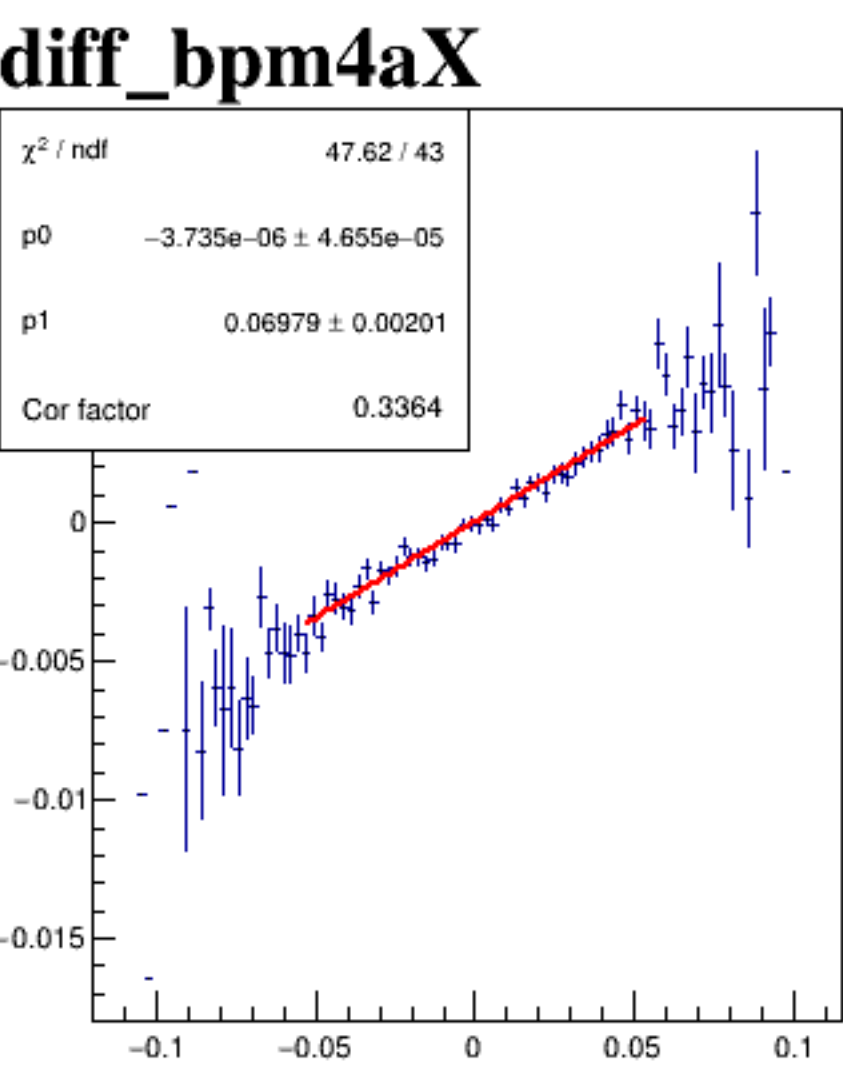
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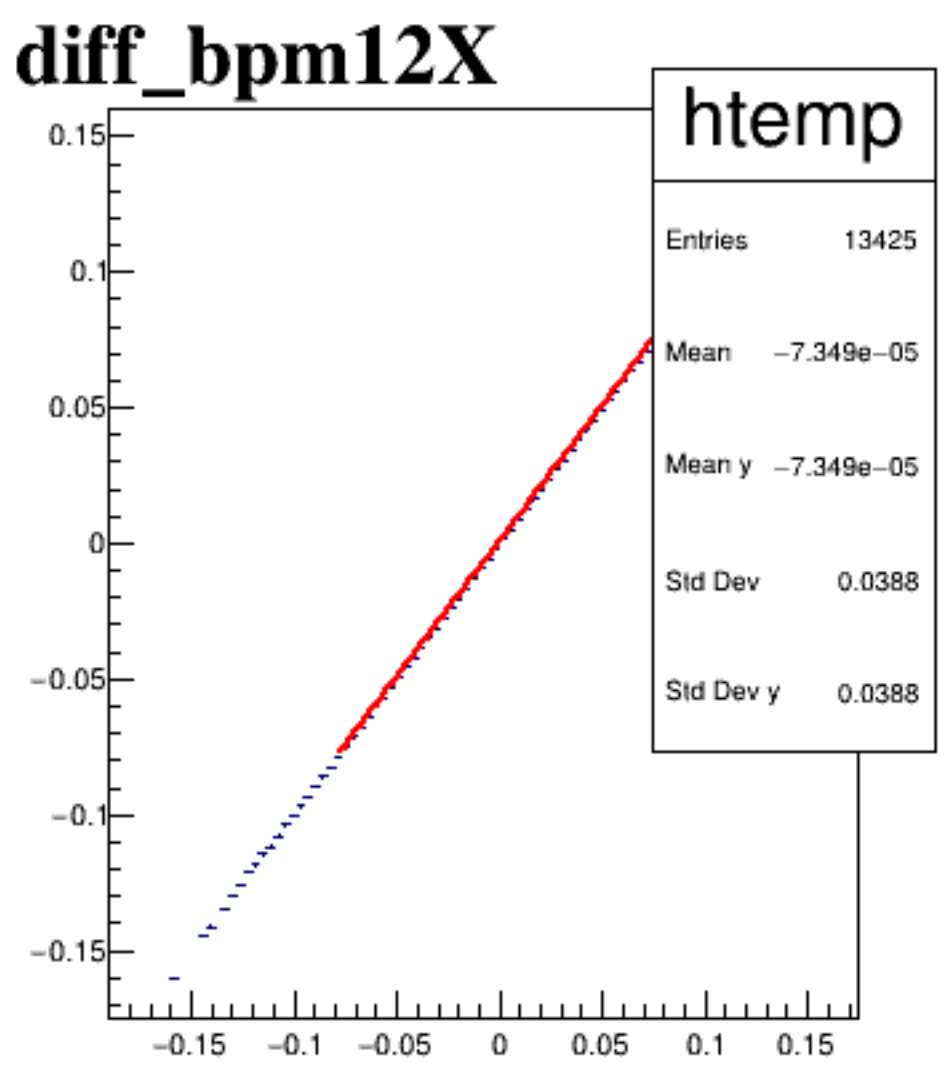
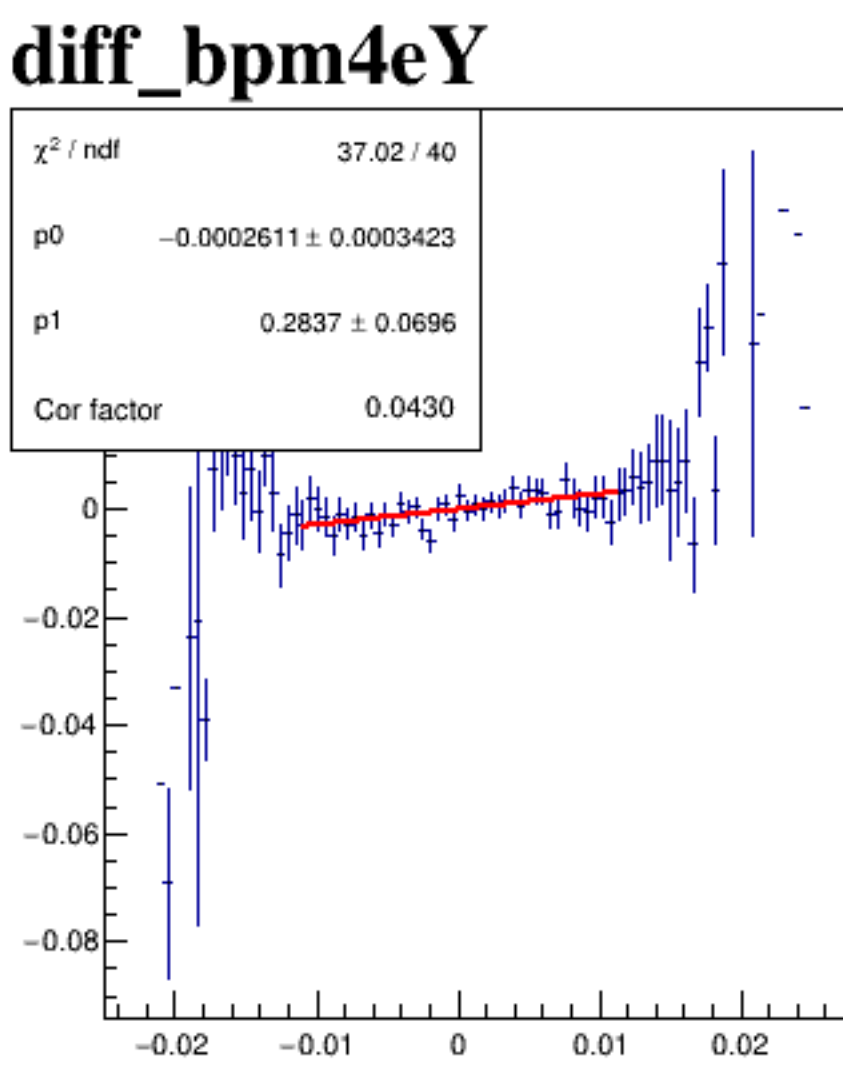
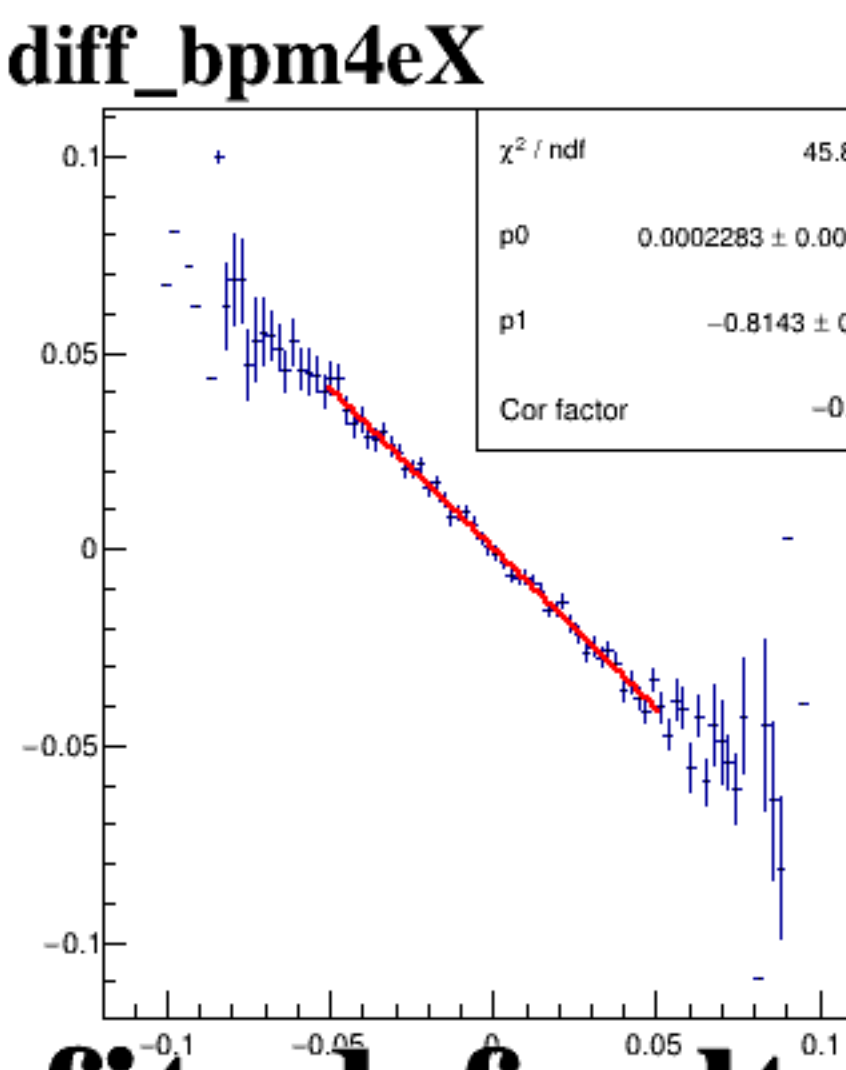
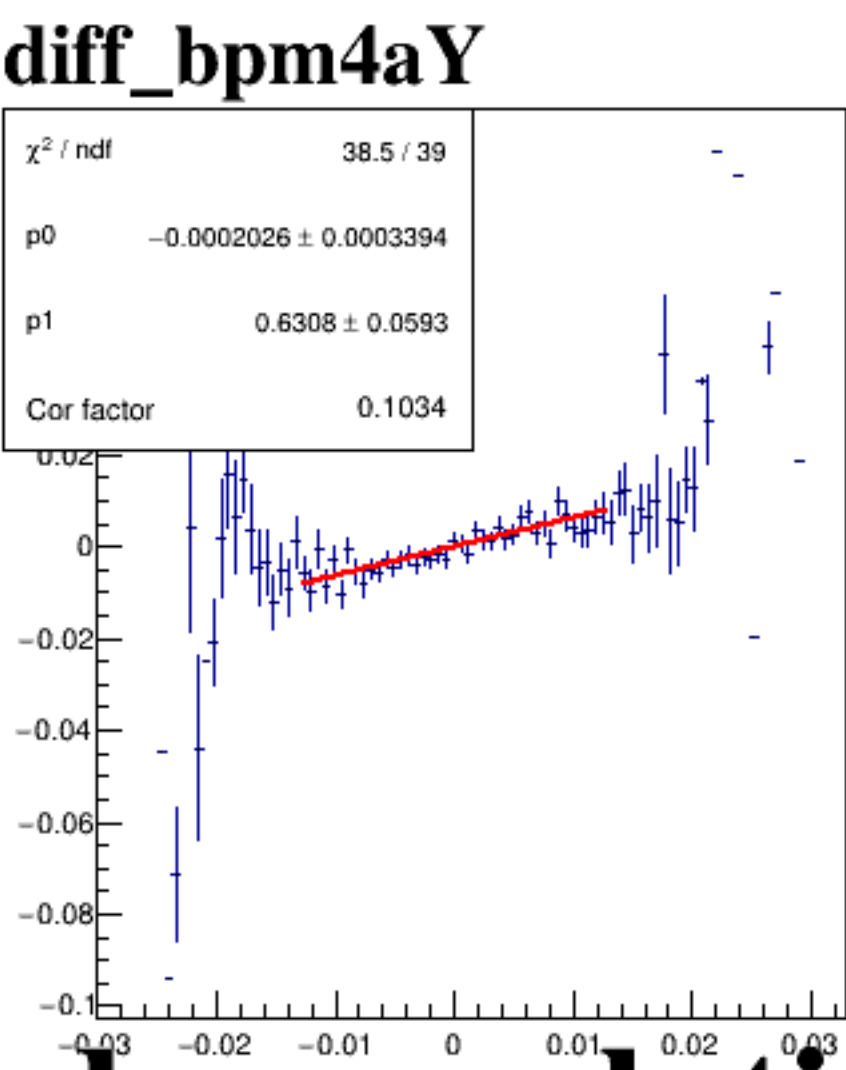
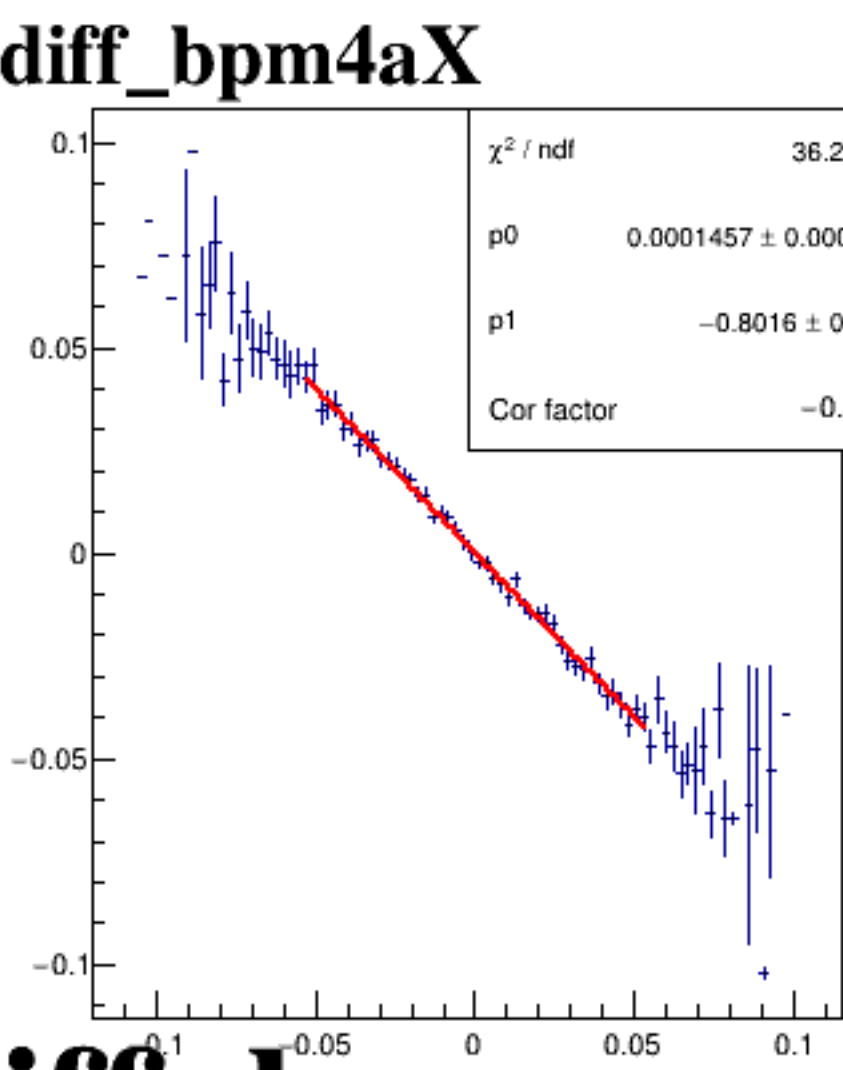
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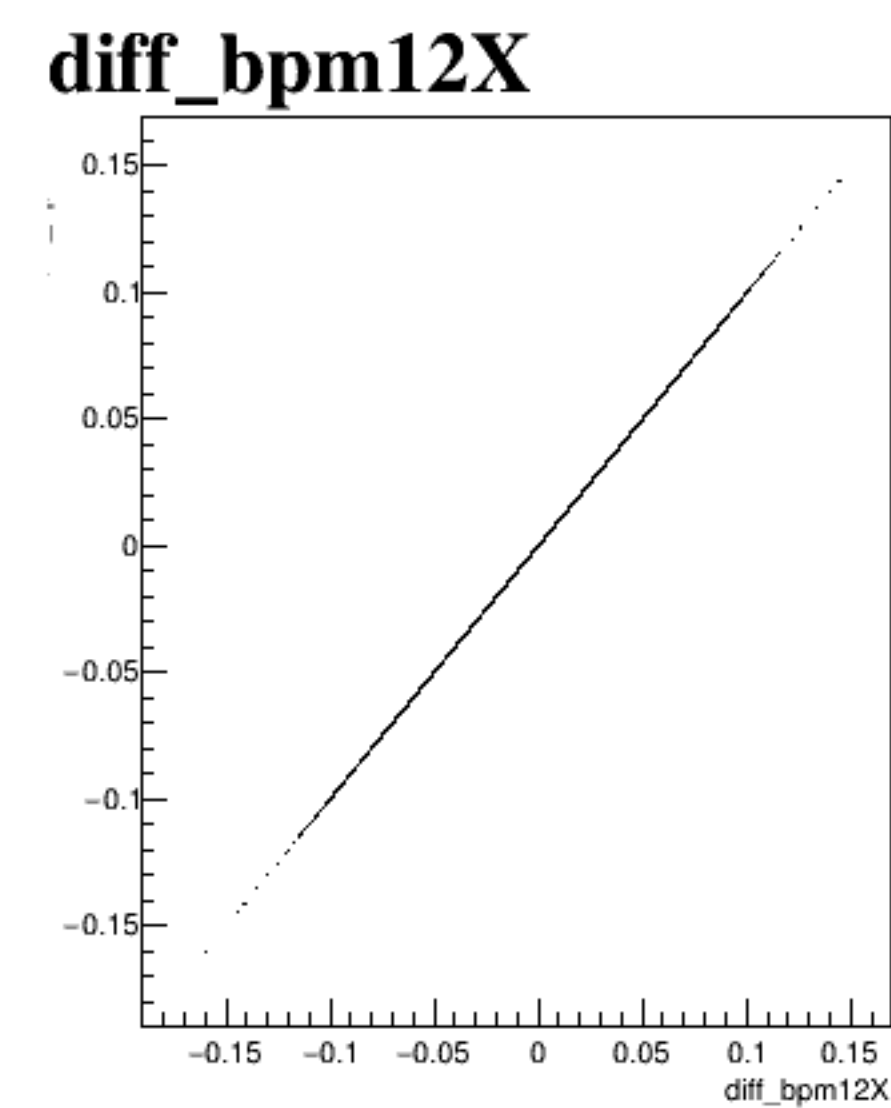
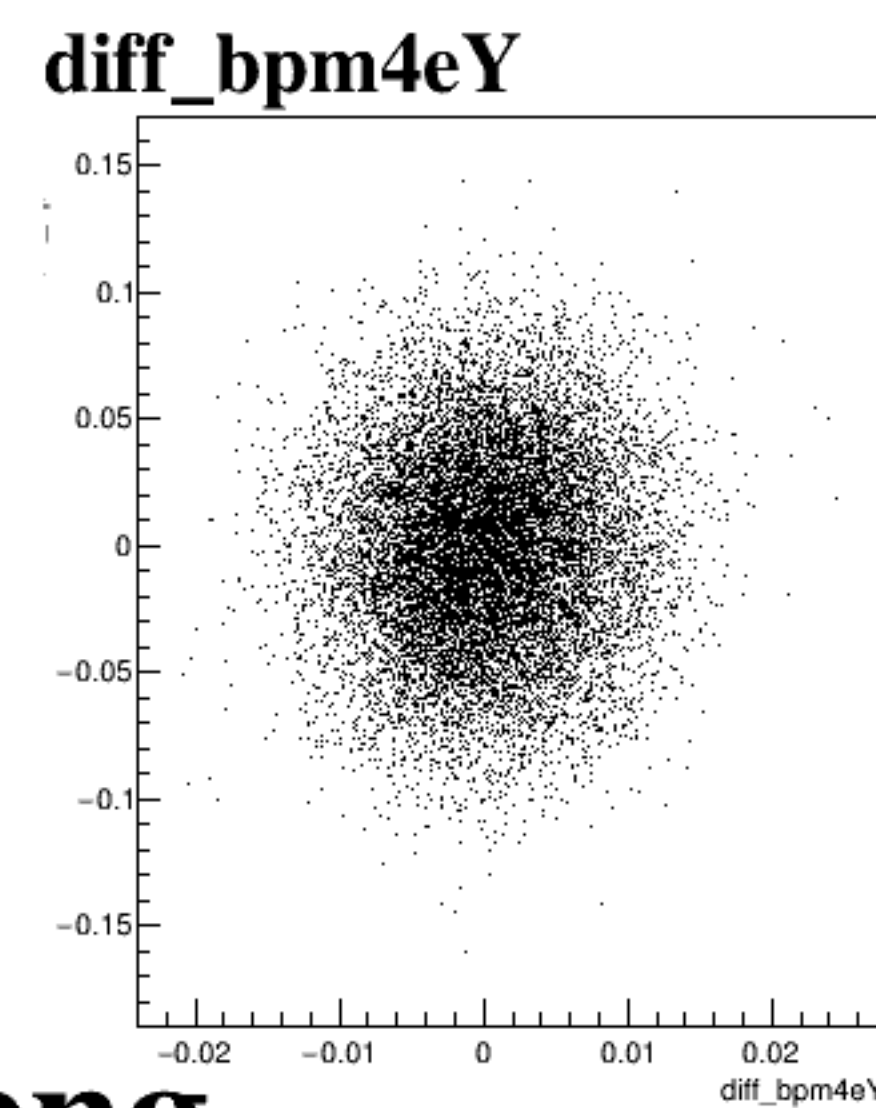
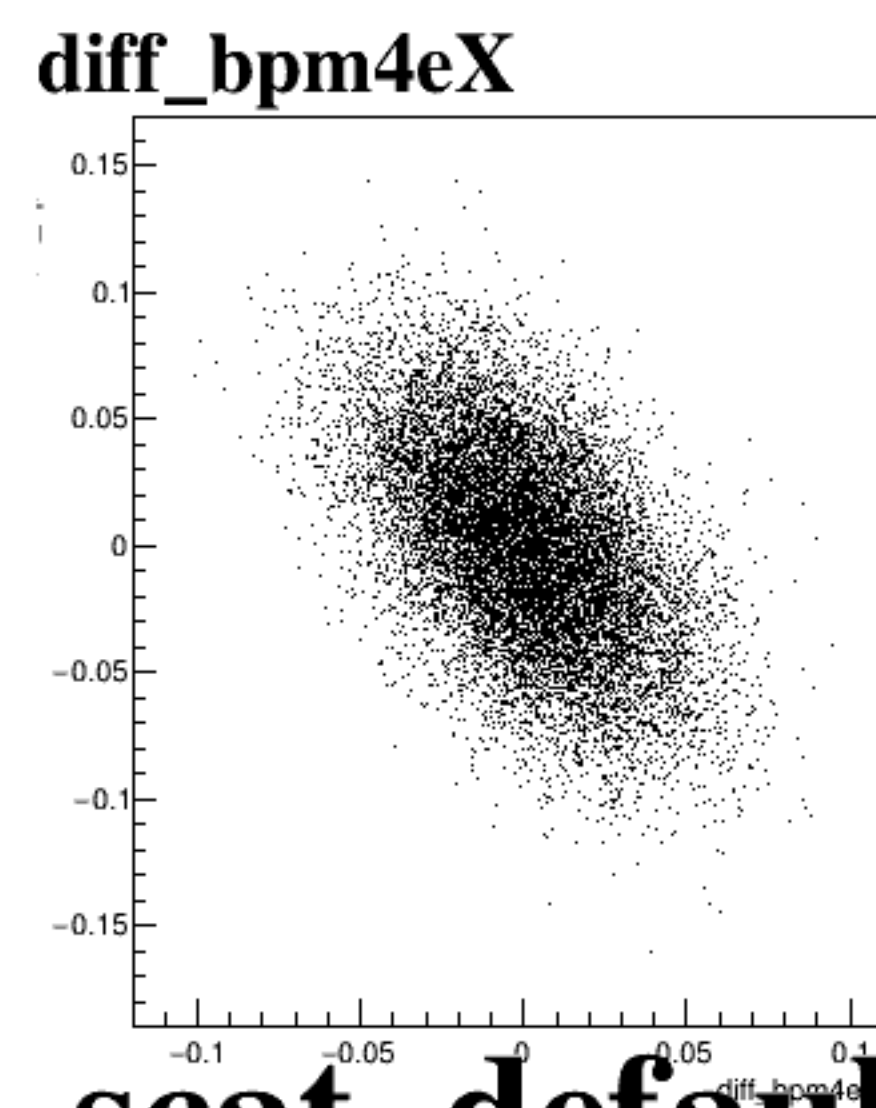
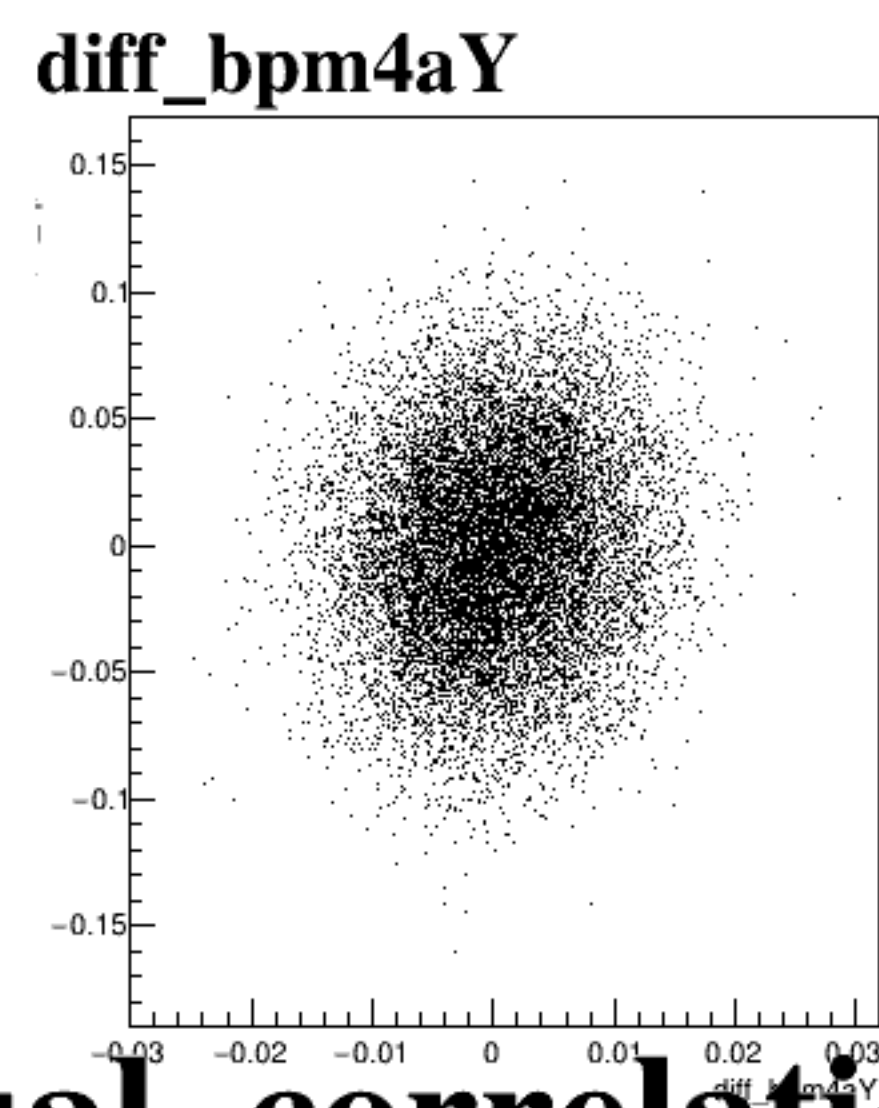
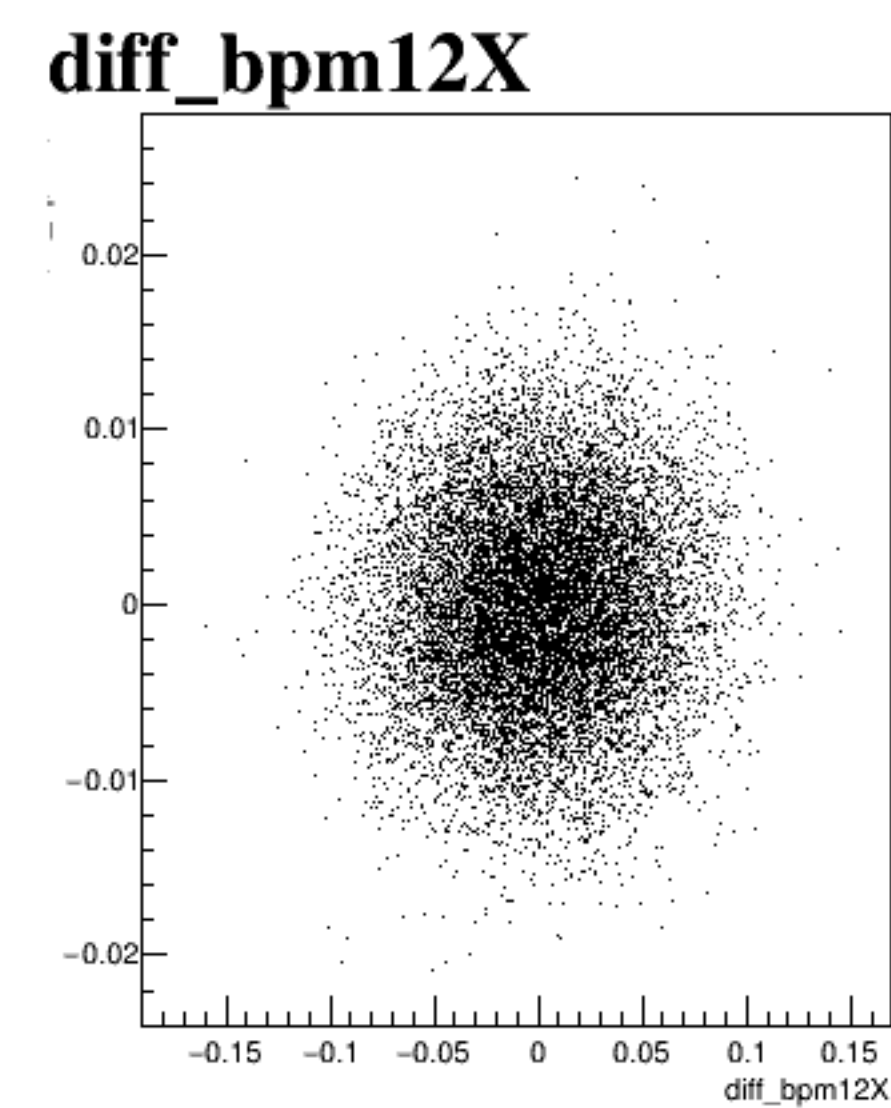
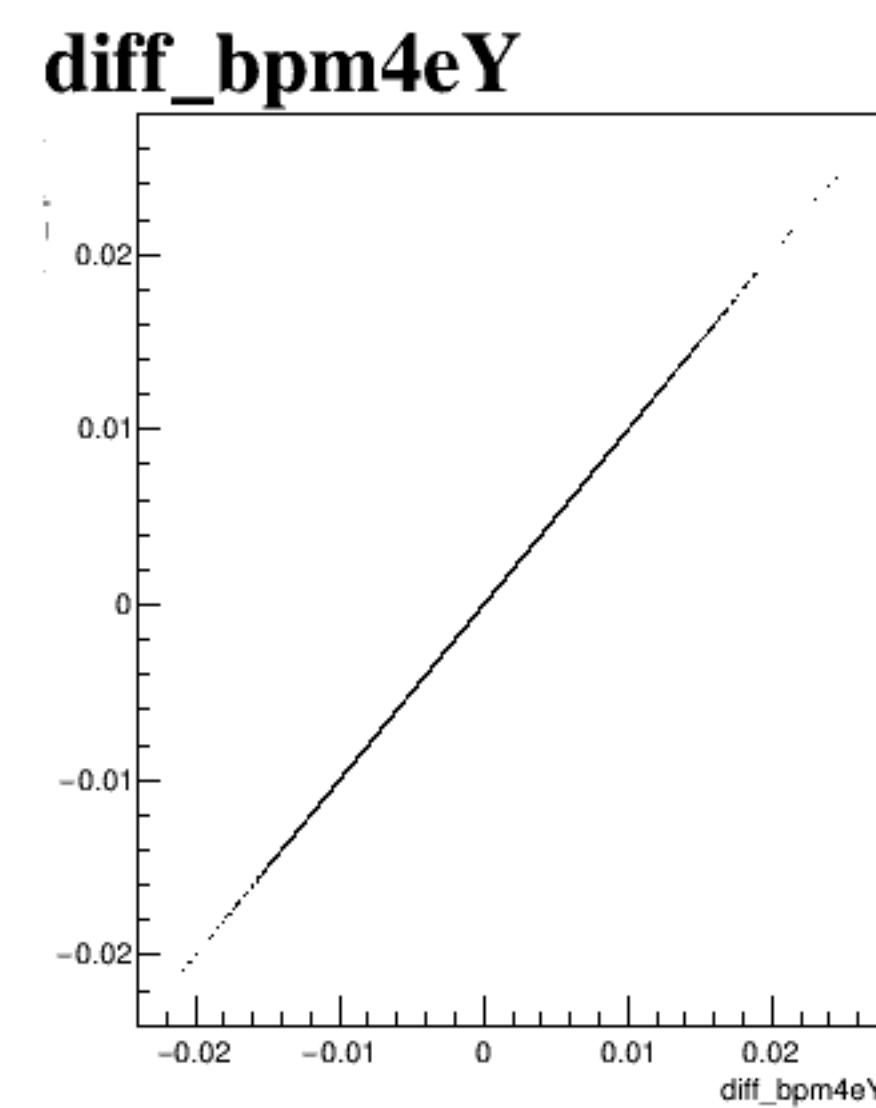
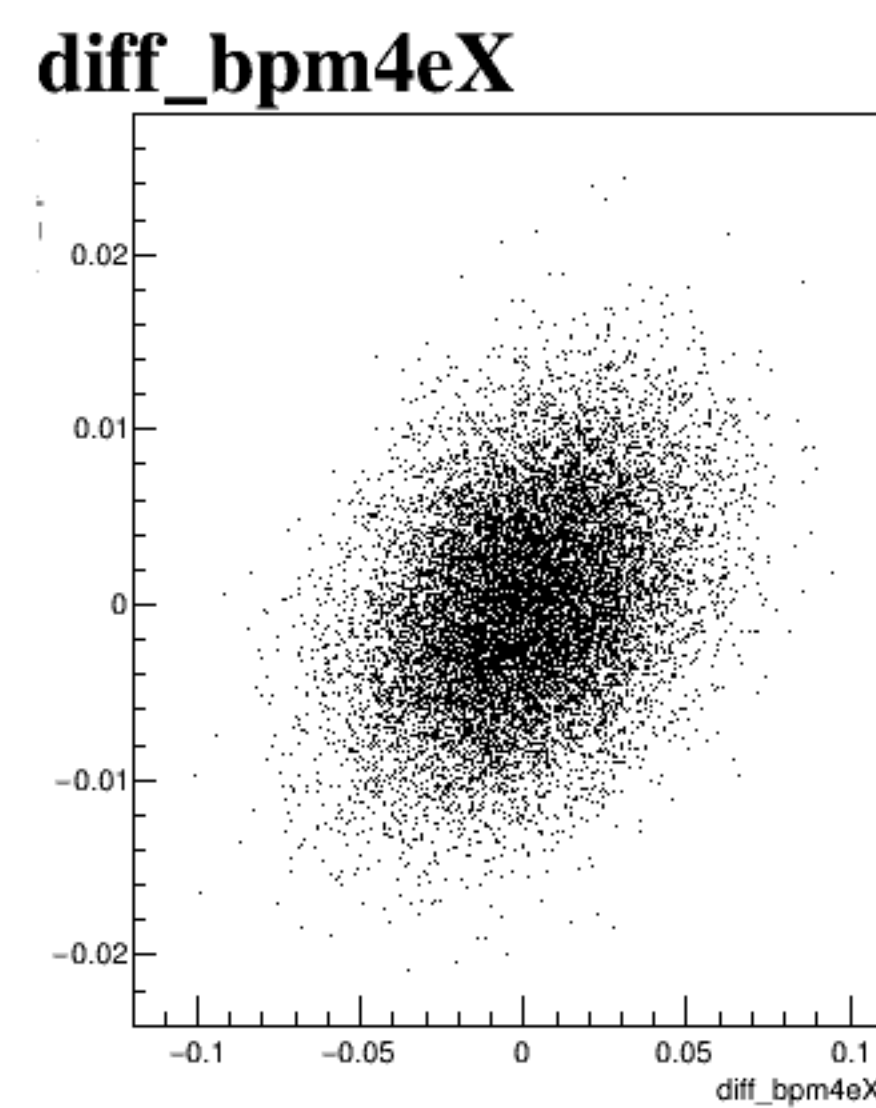
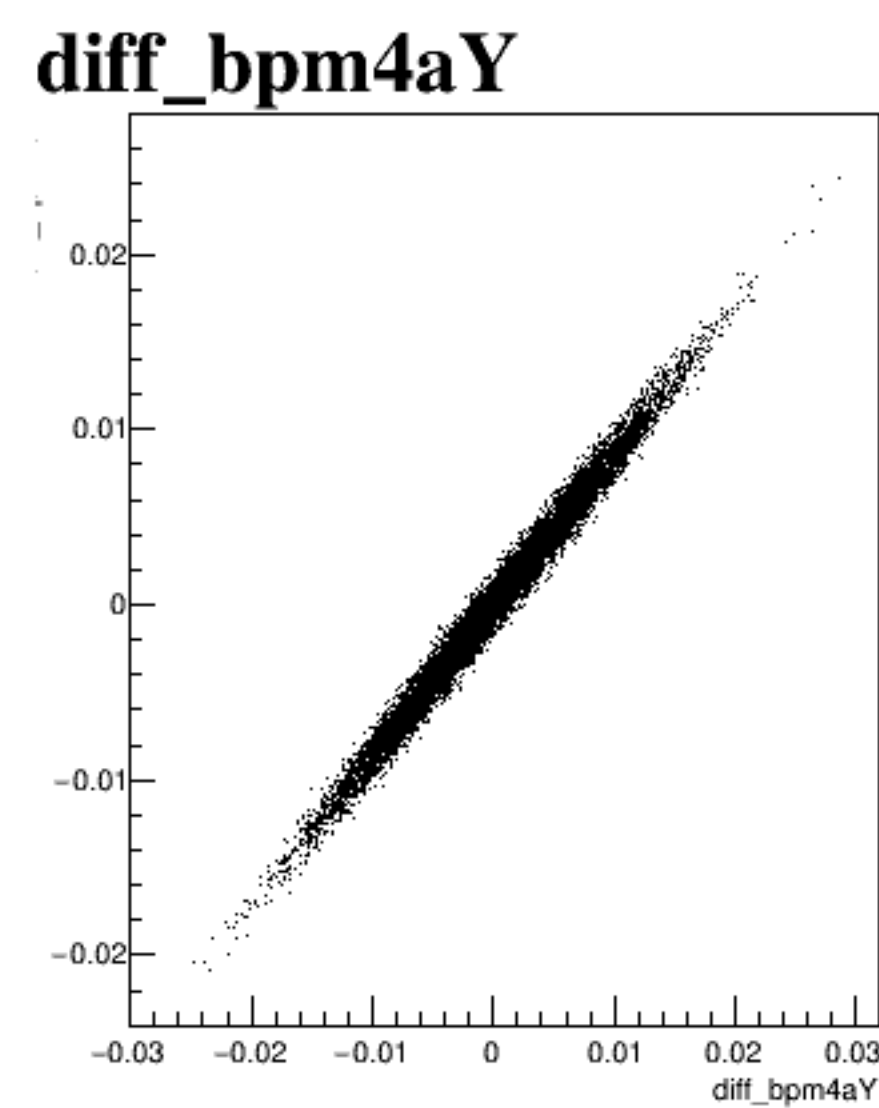
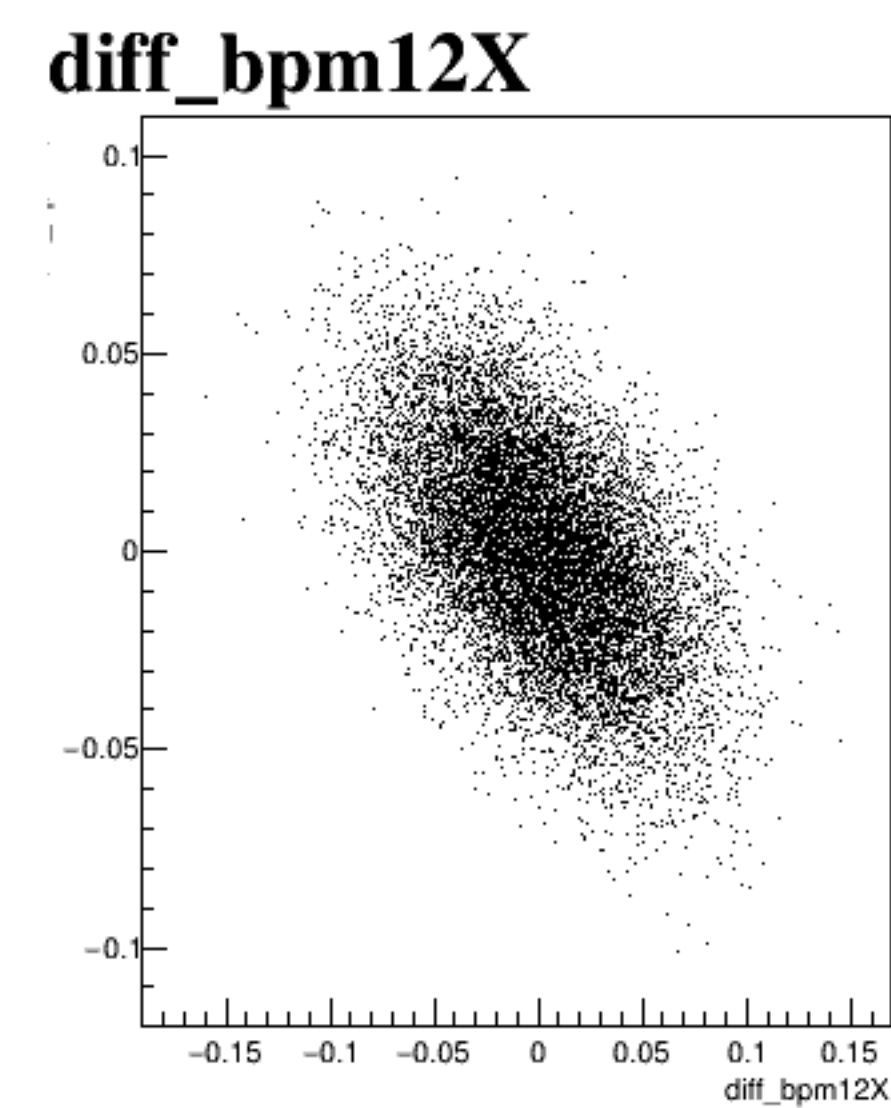
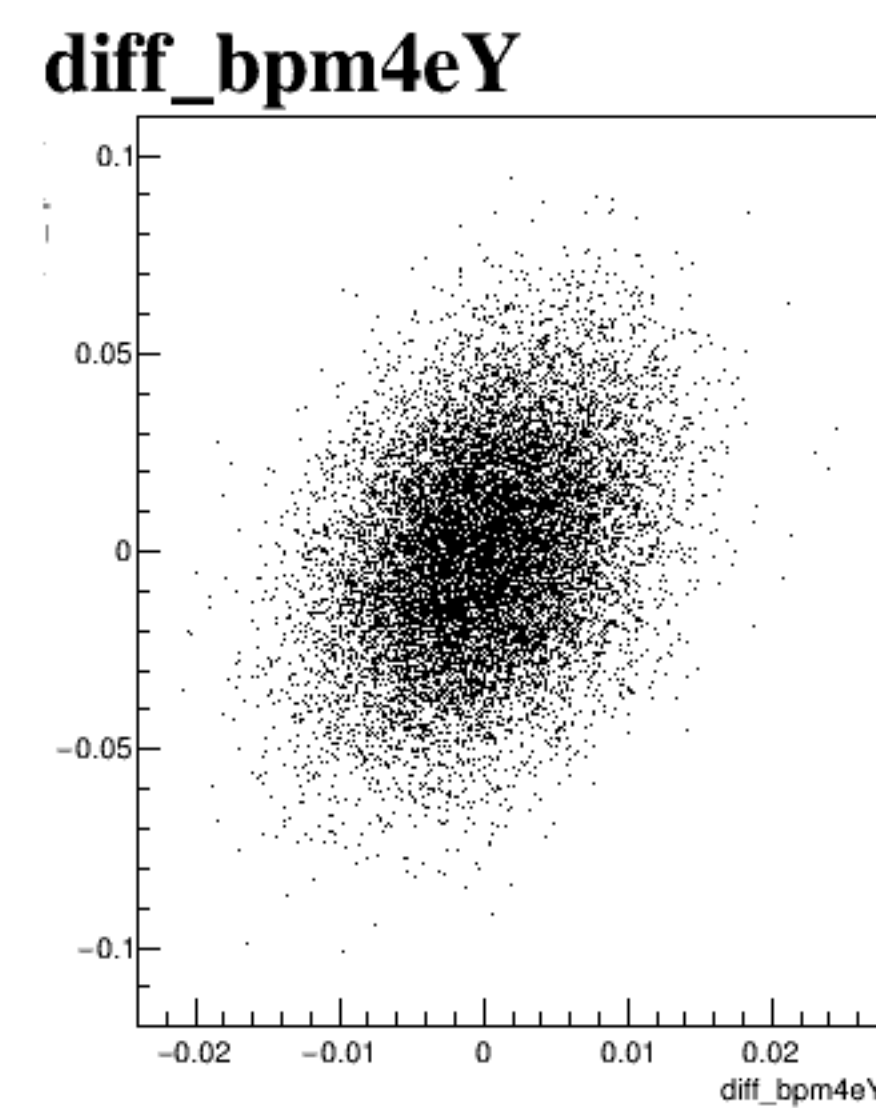
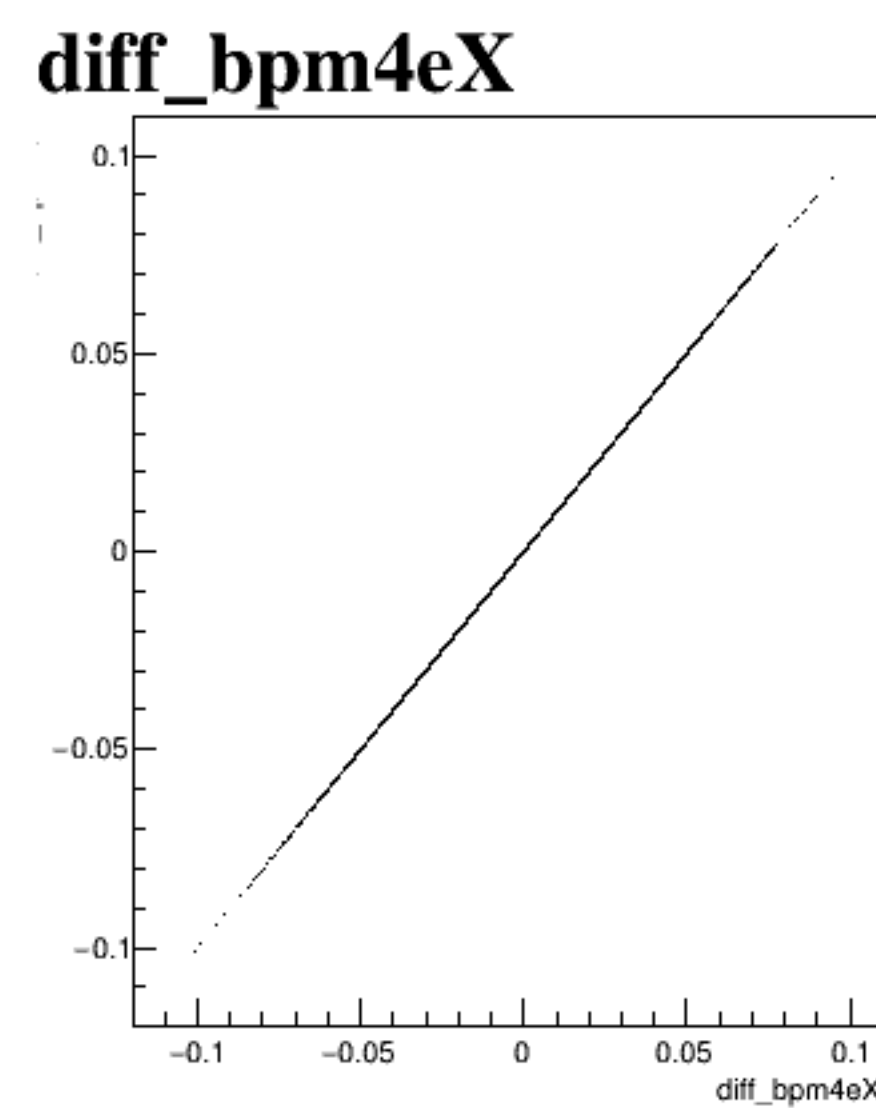
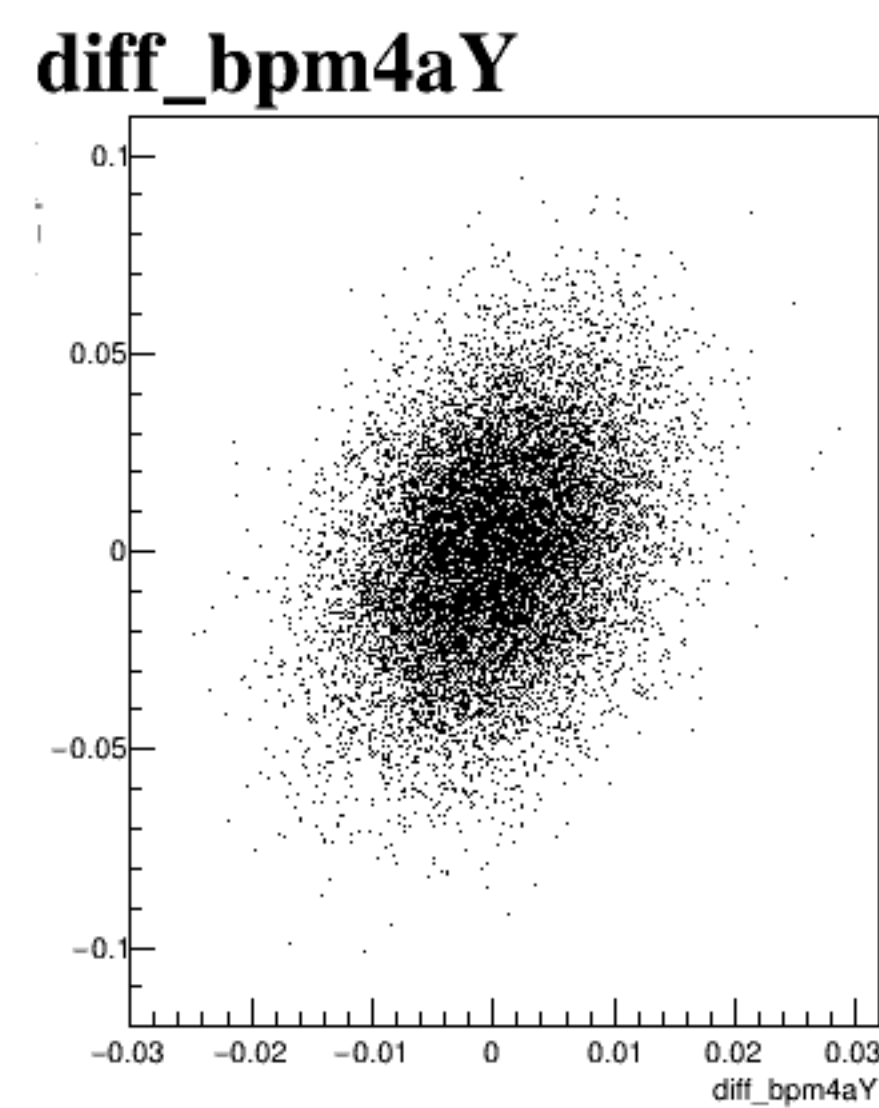
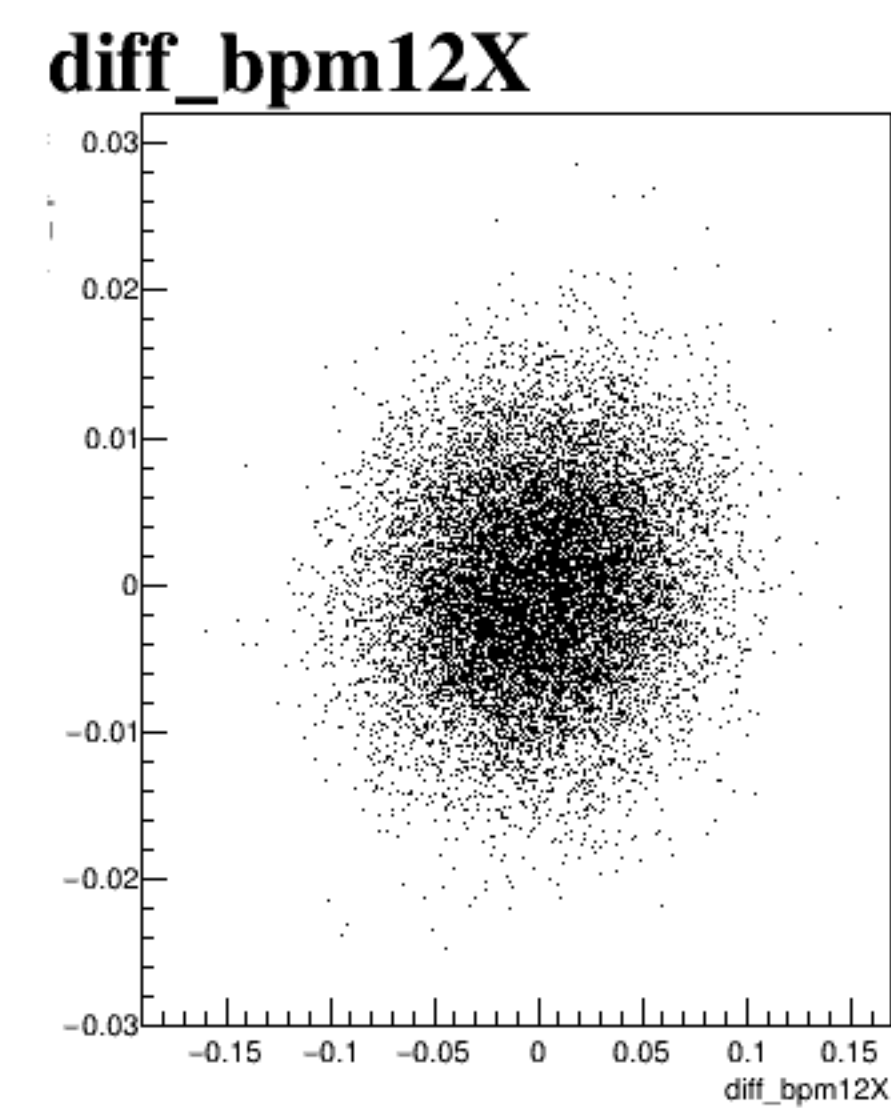
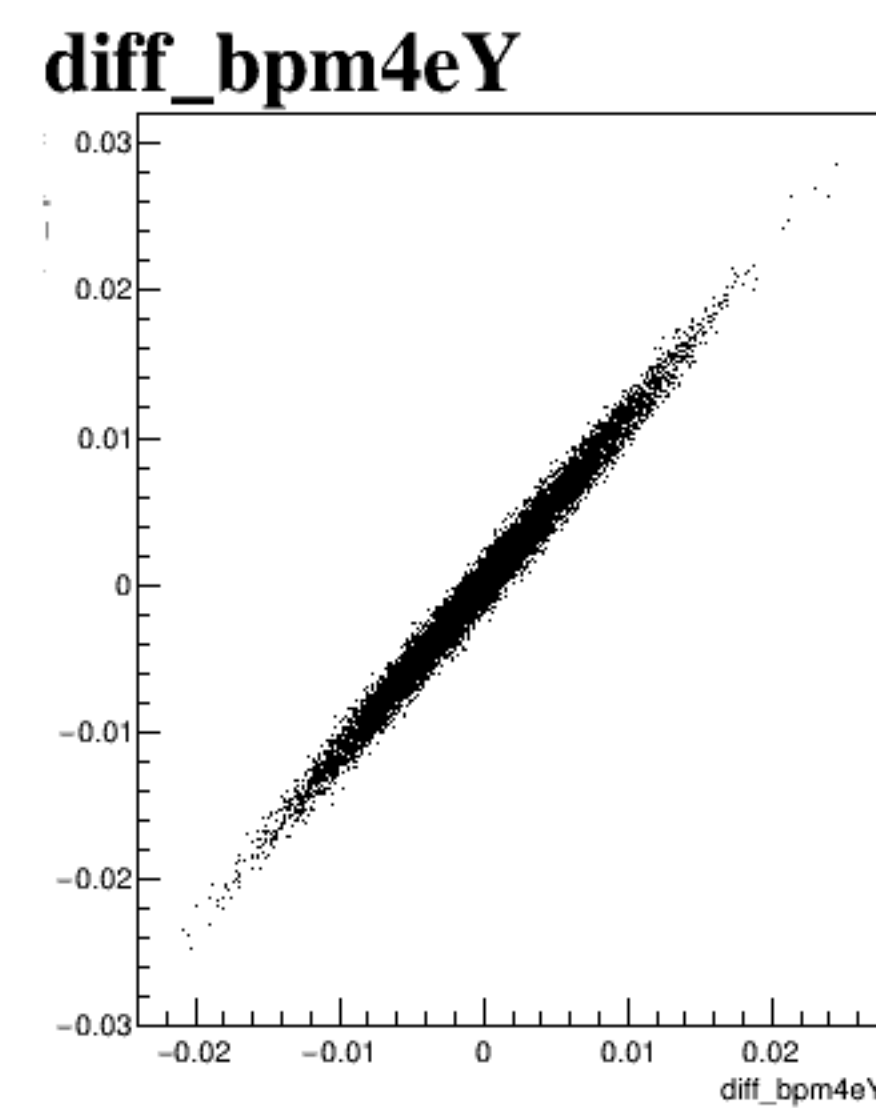
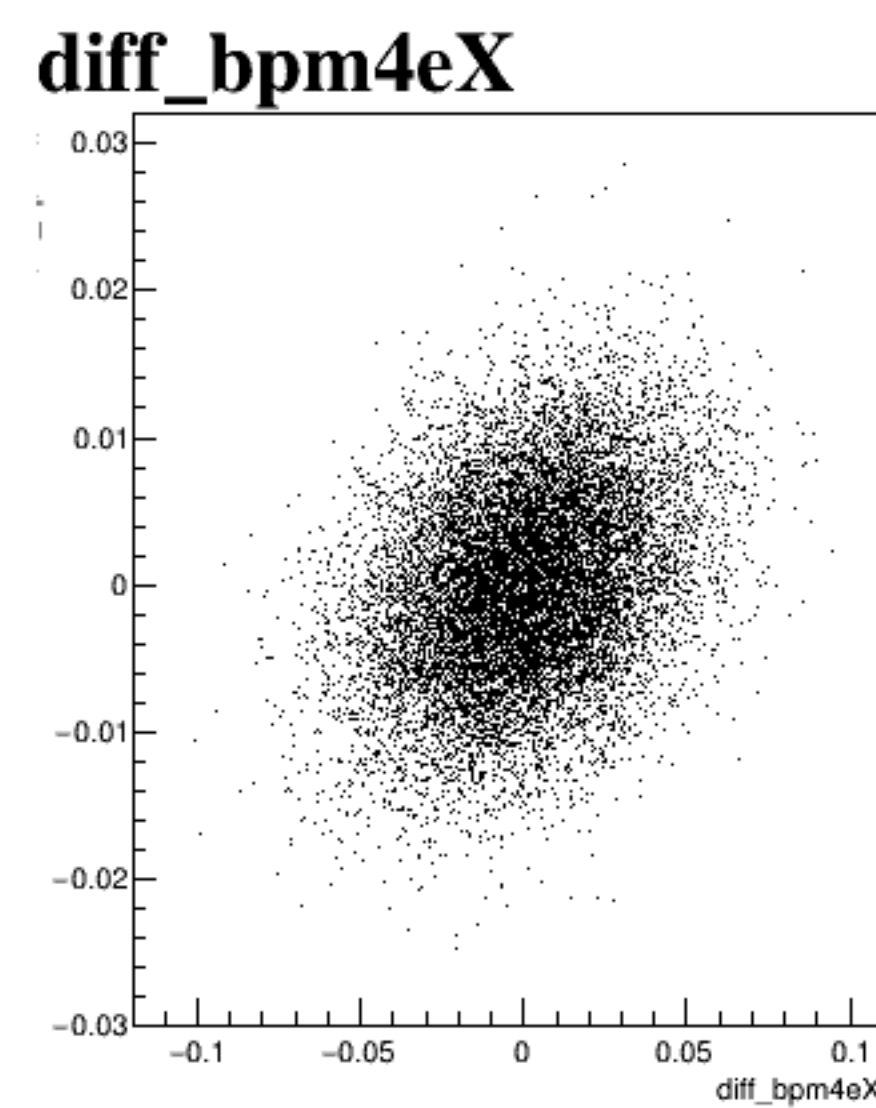
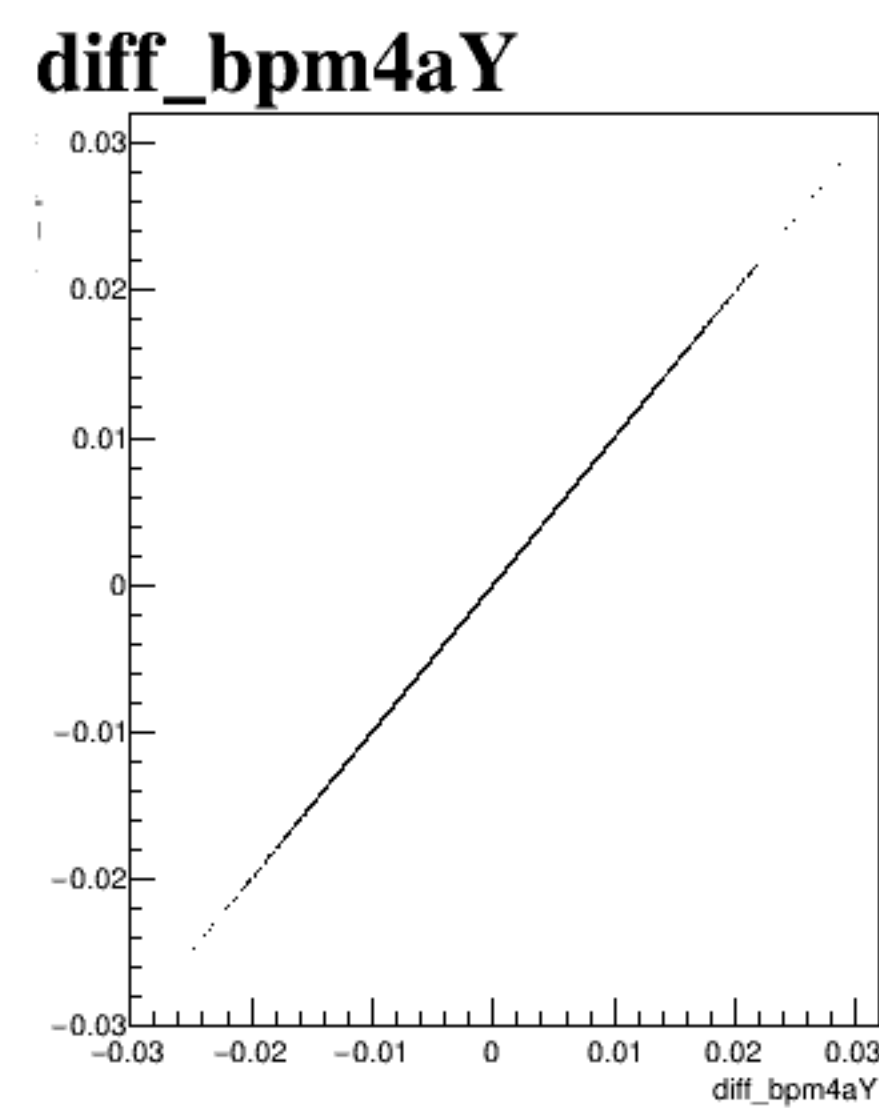
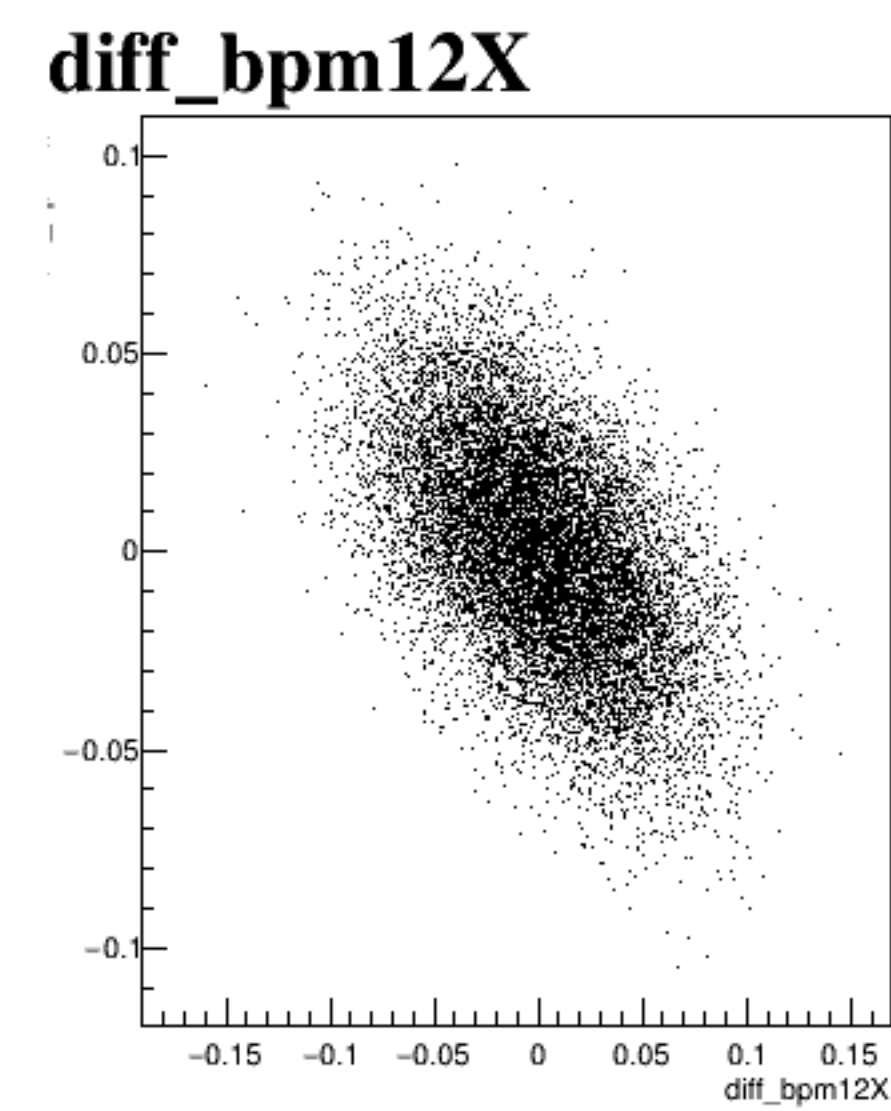
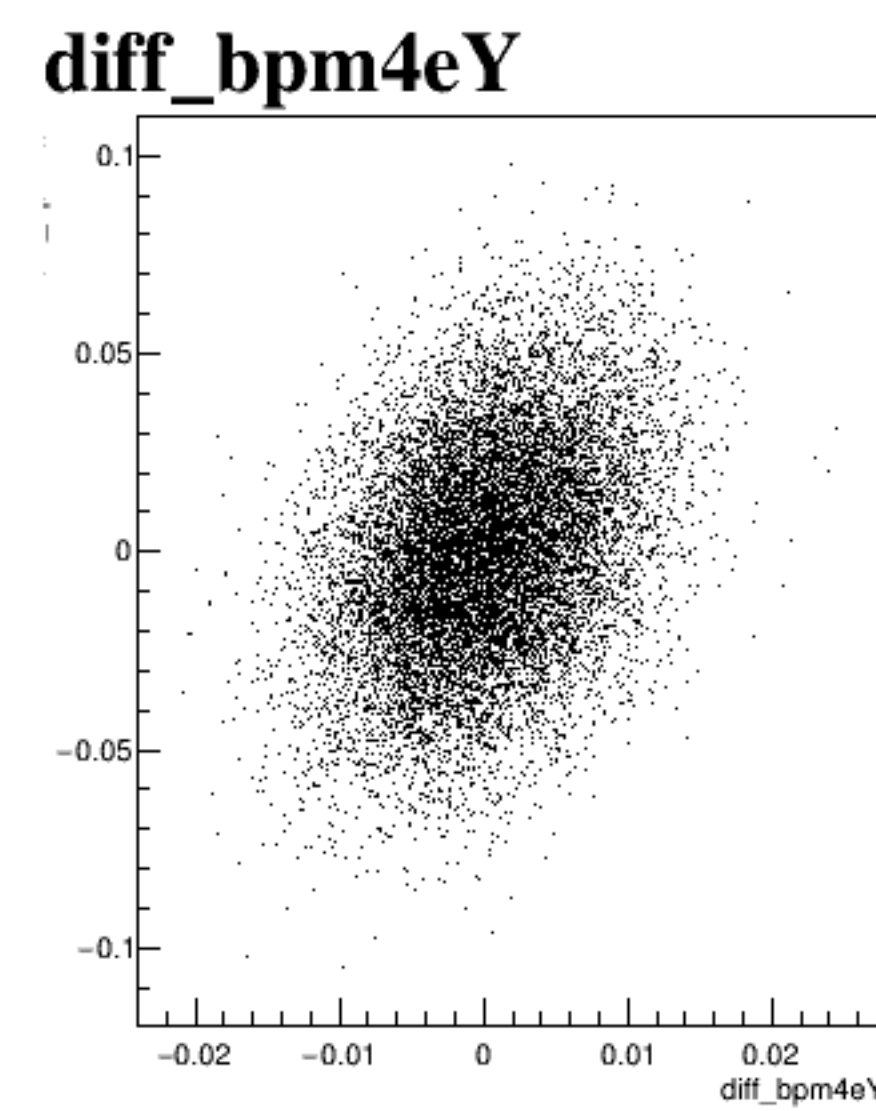
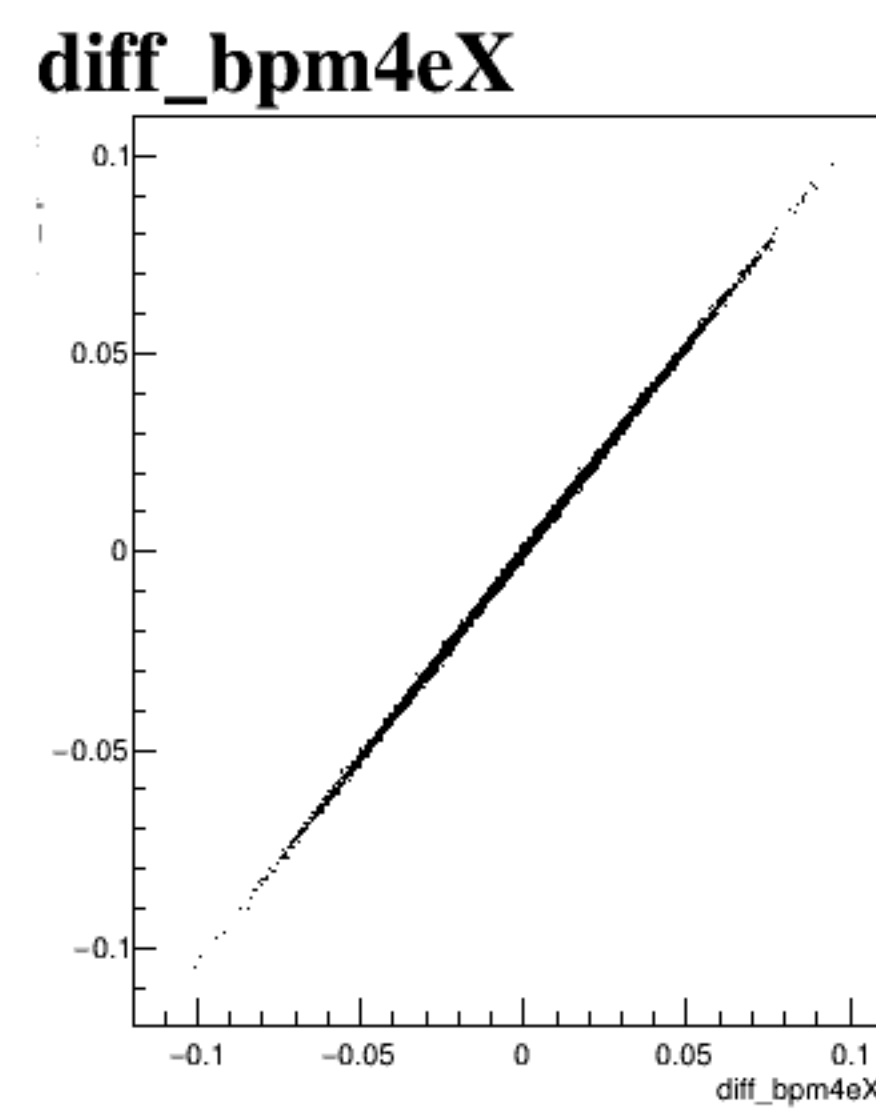
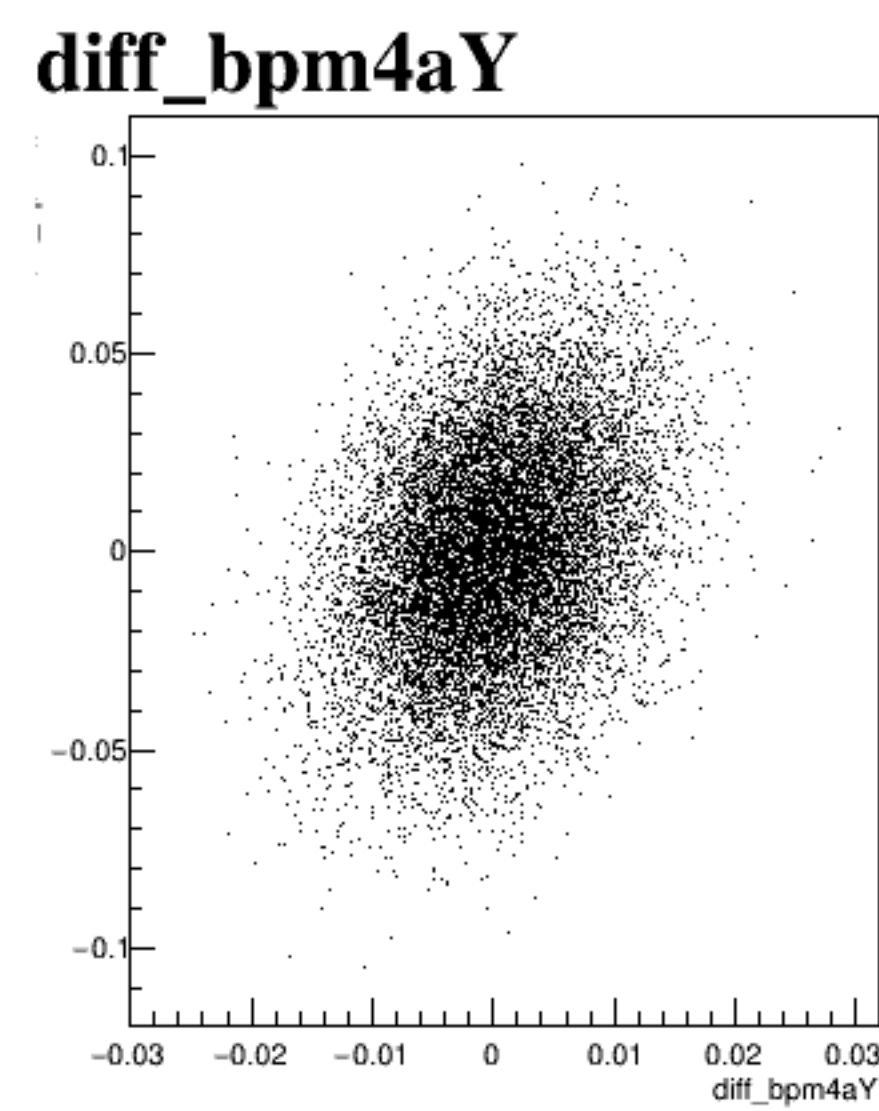


diff_bpm4eY



diff_bpm12X

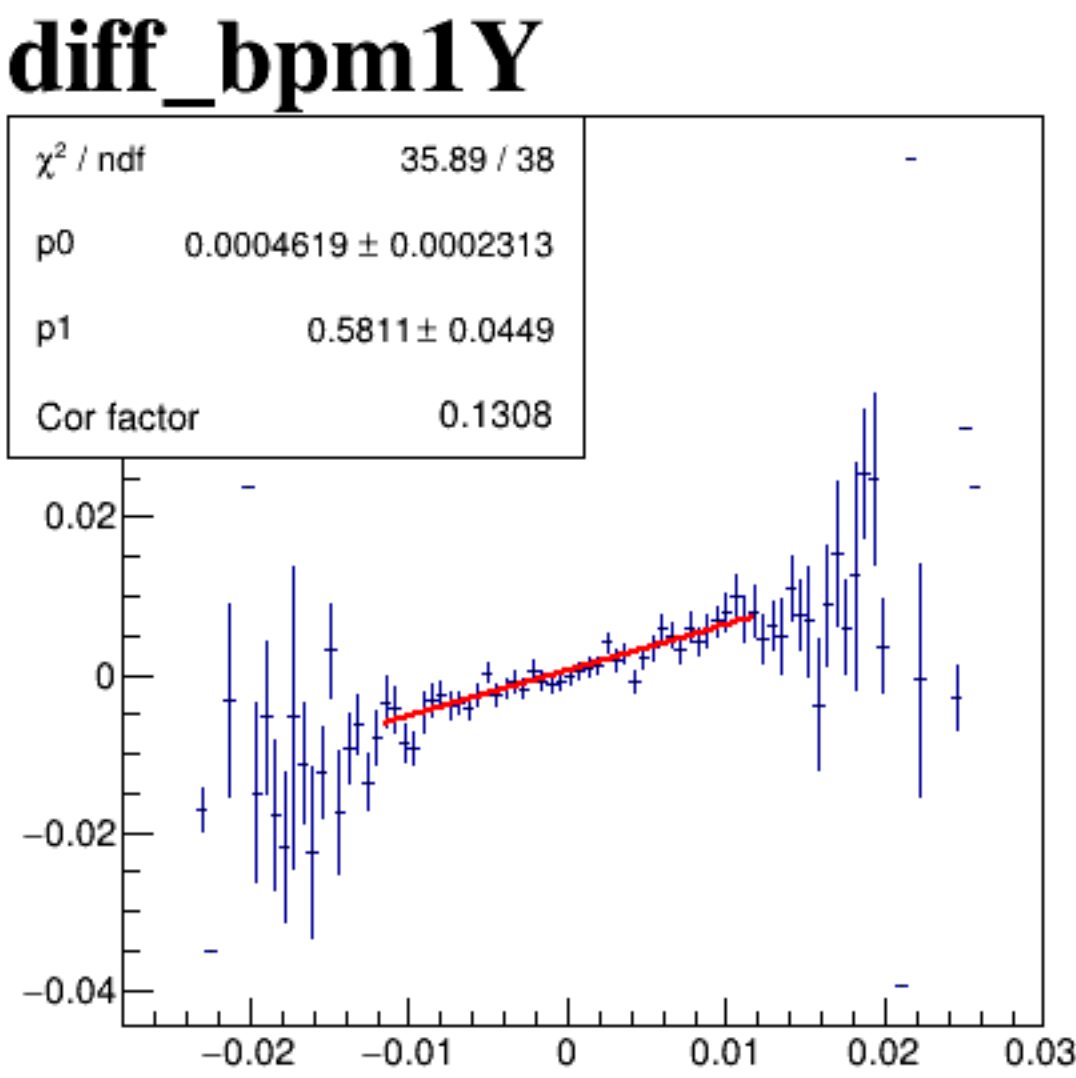
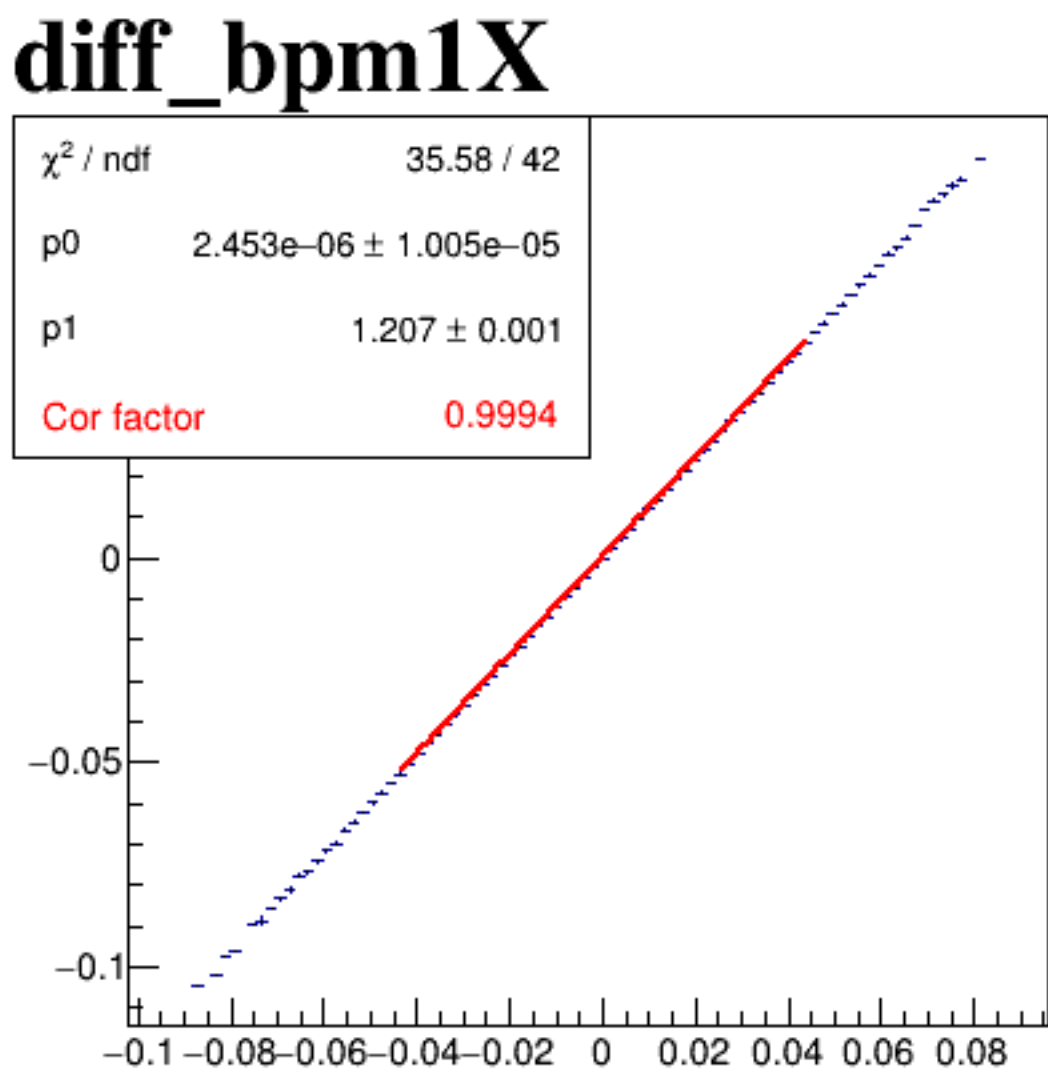
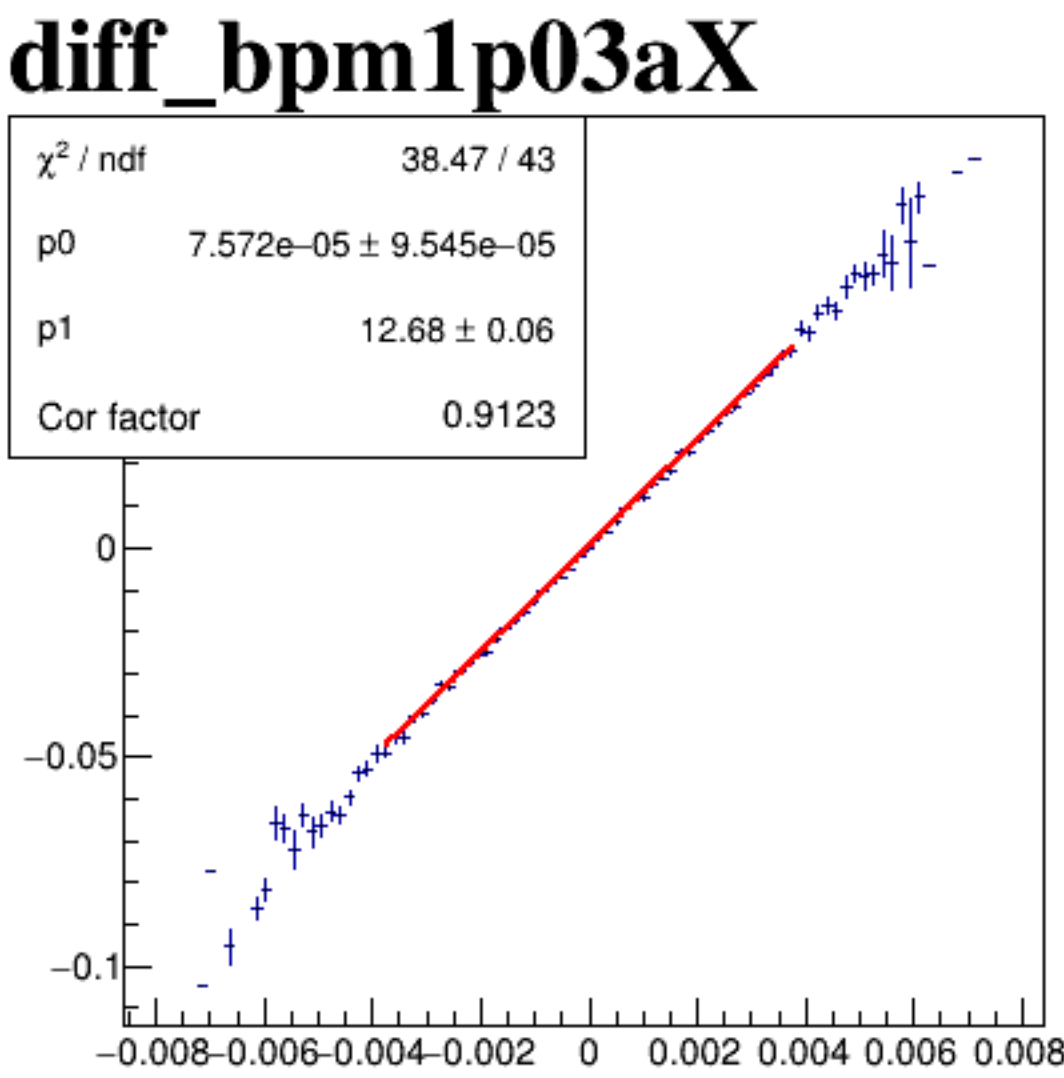
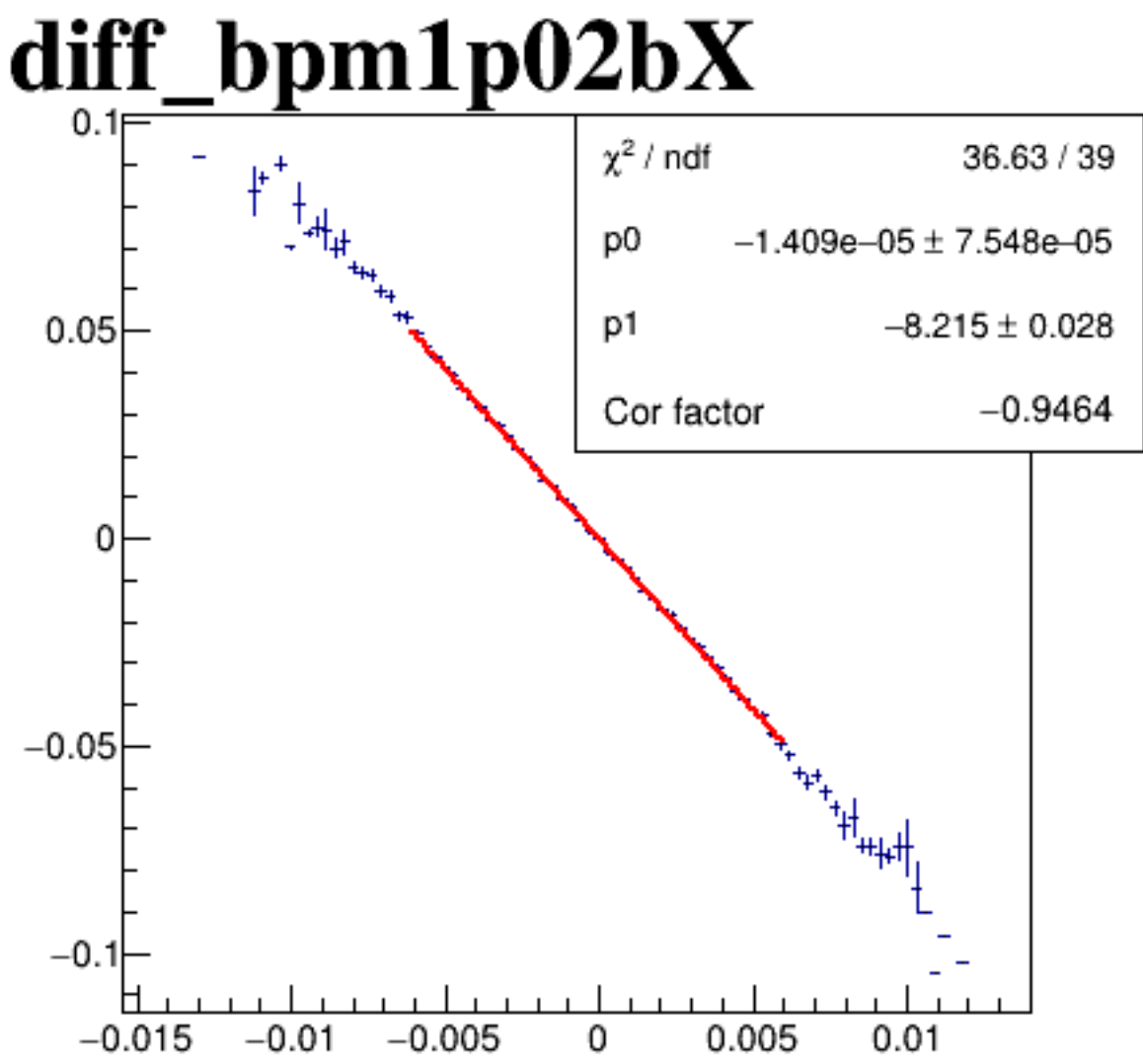




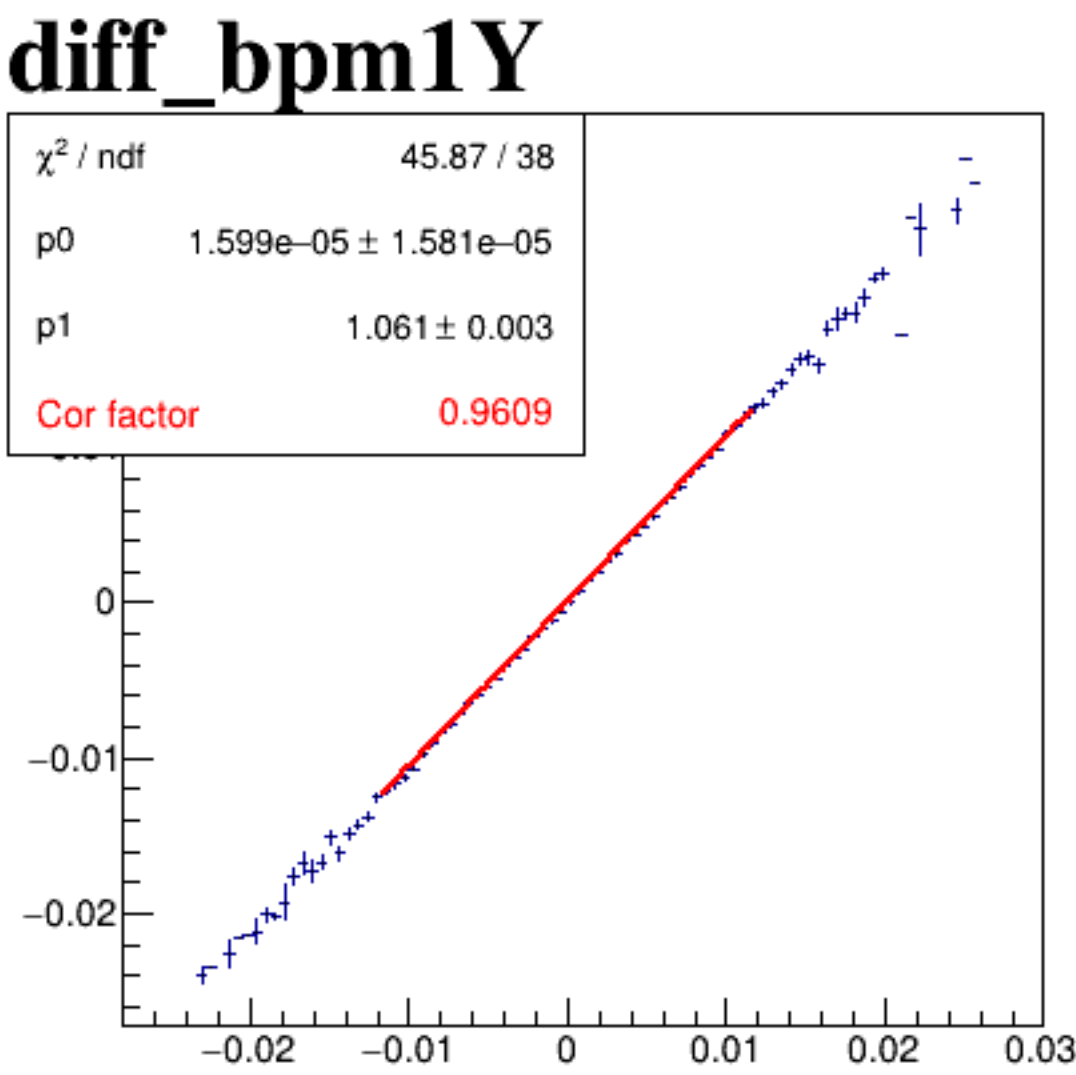
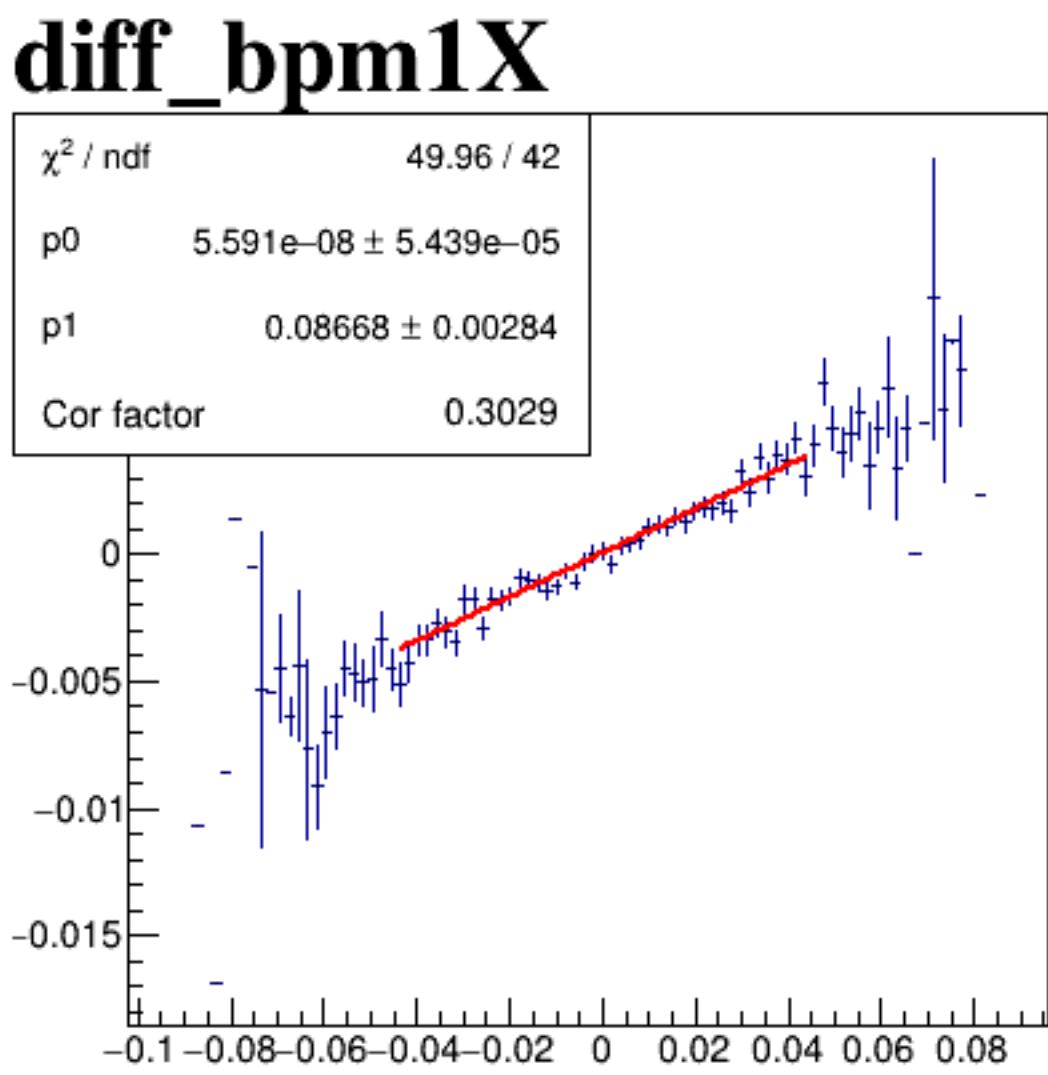
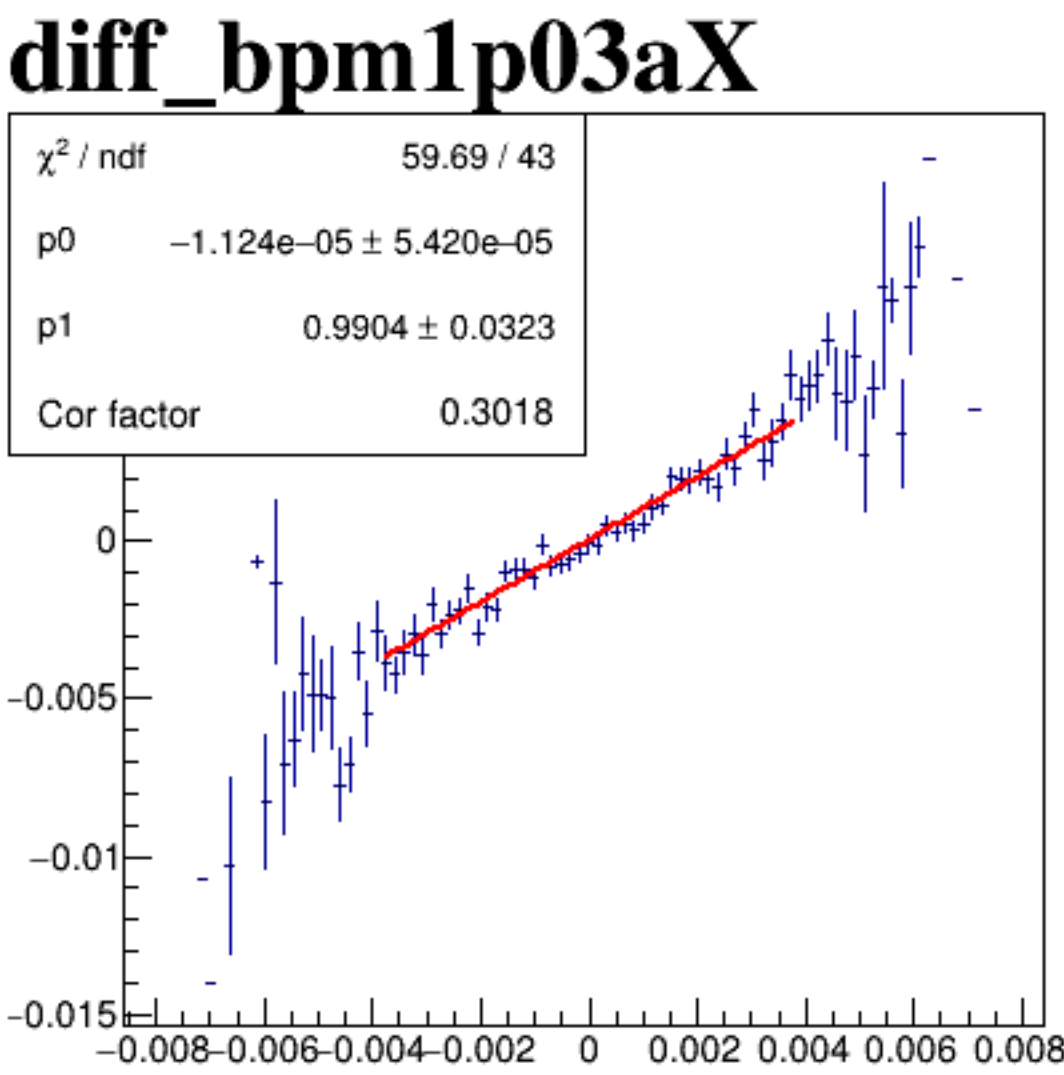
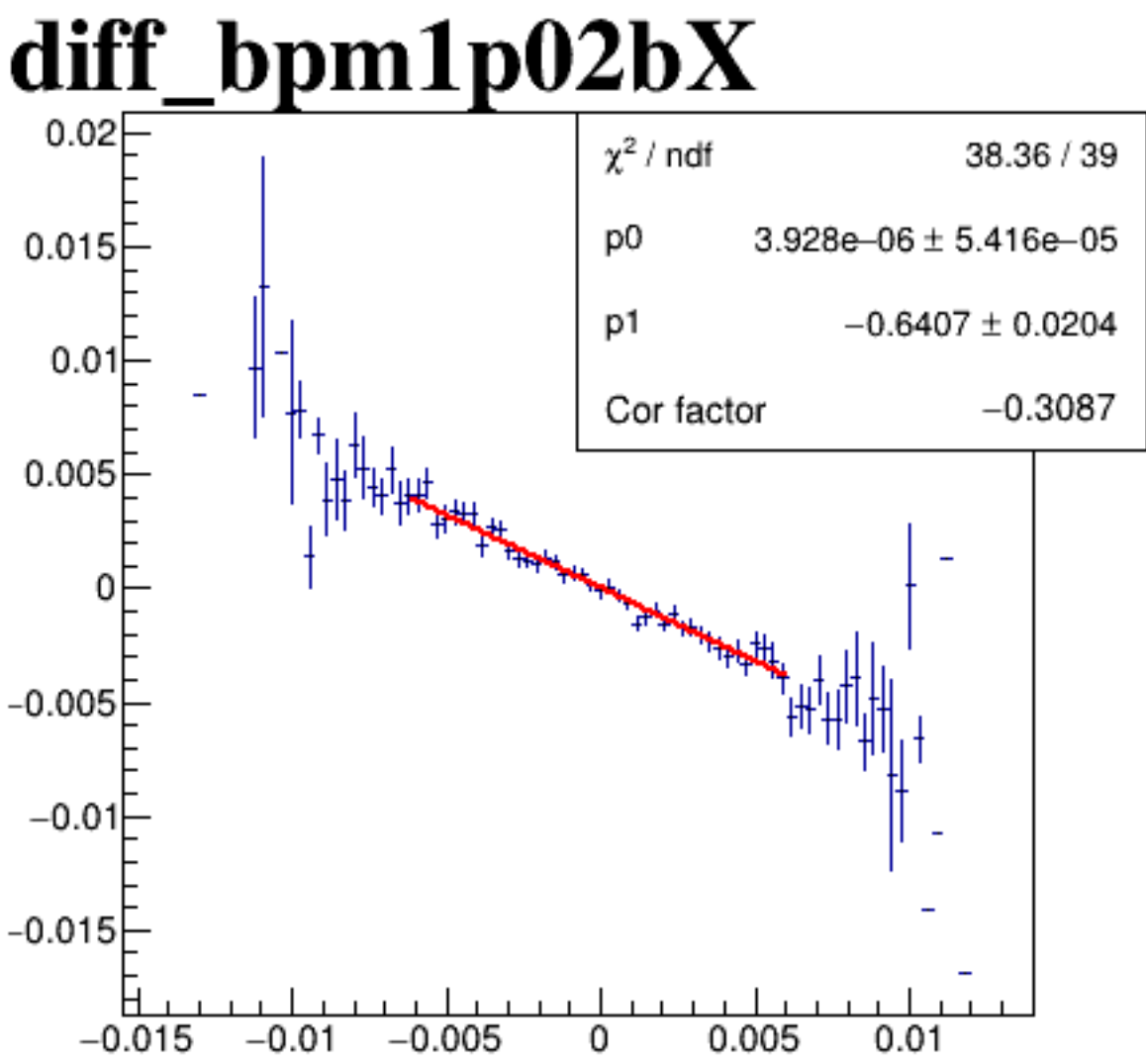
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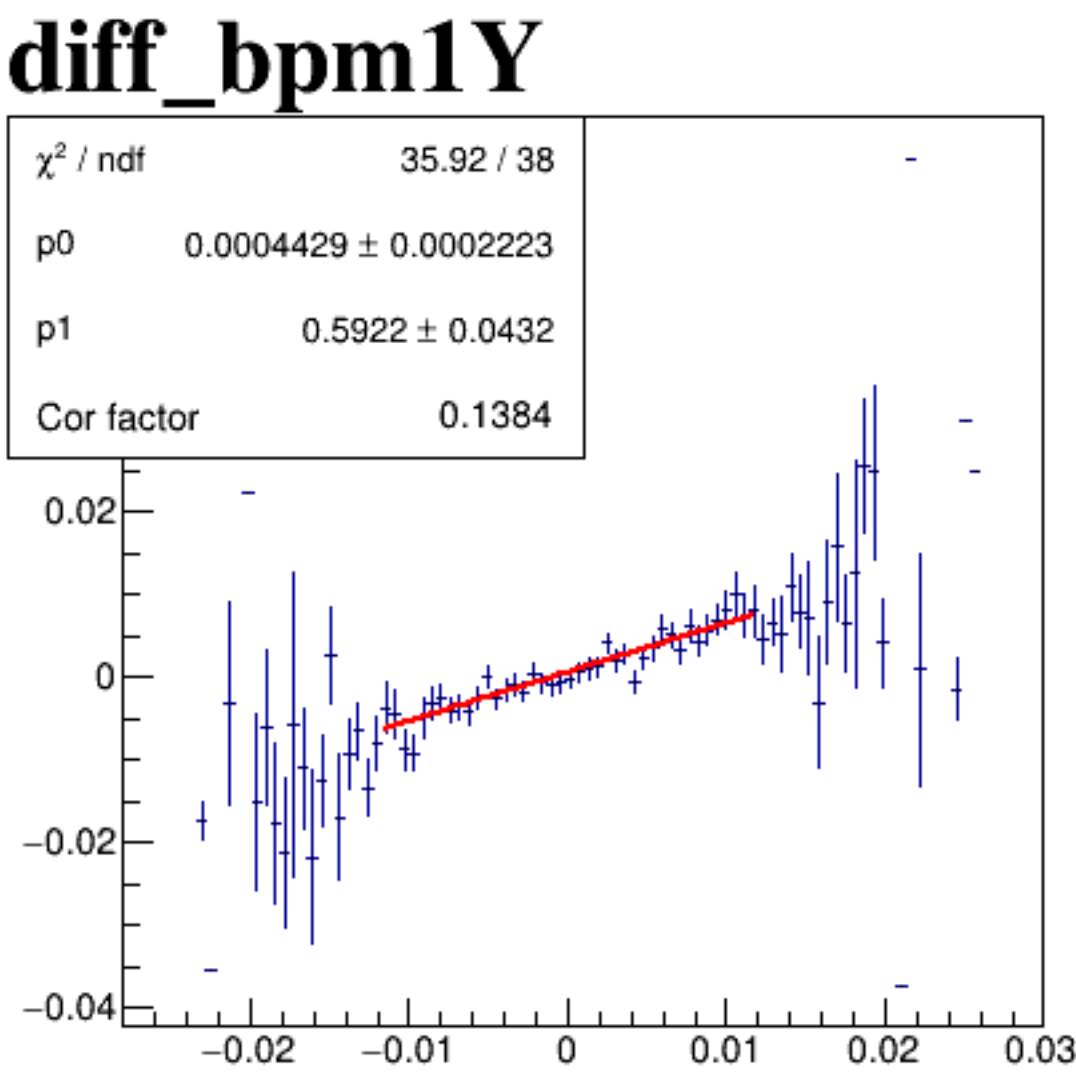
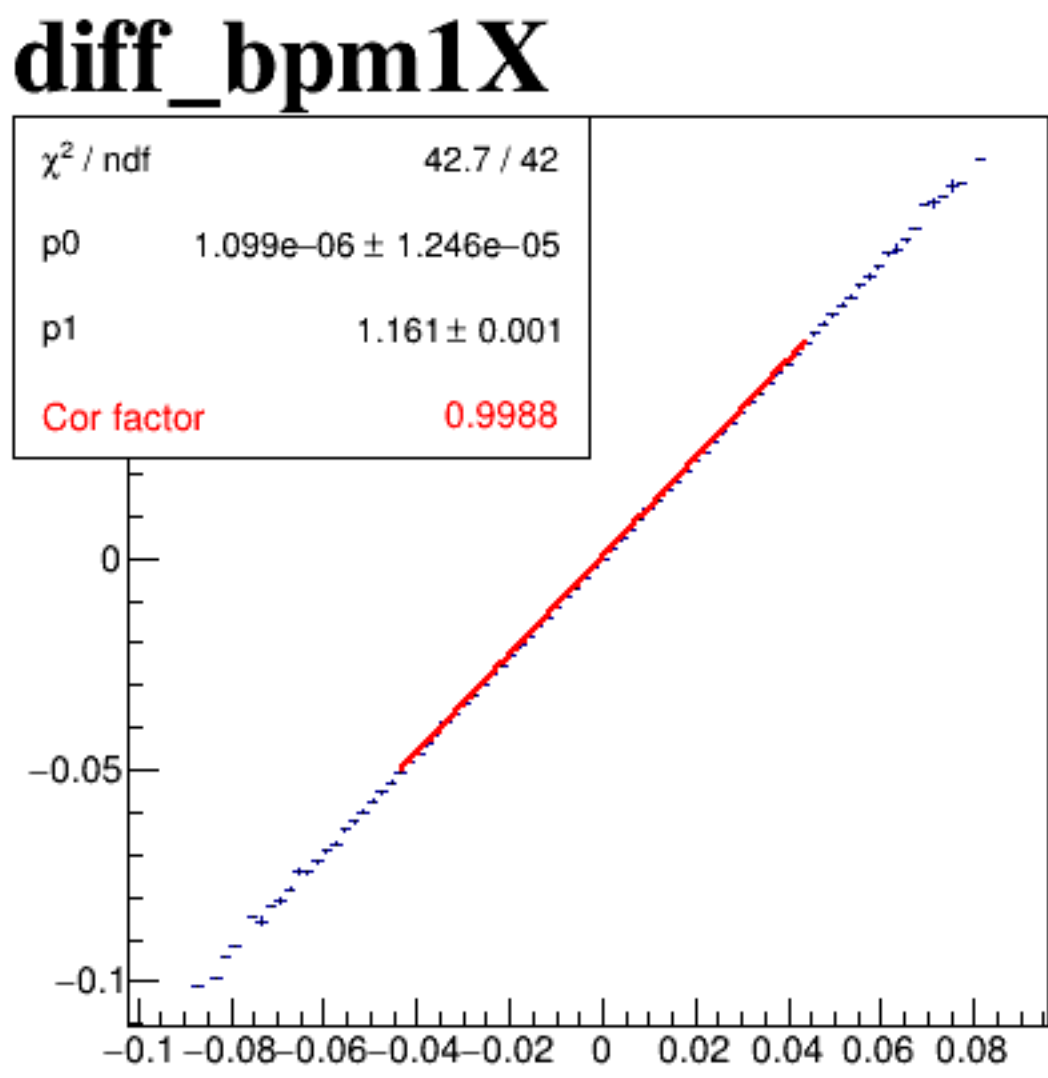
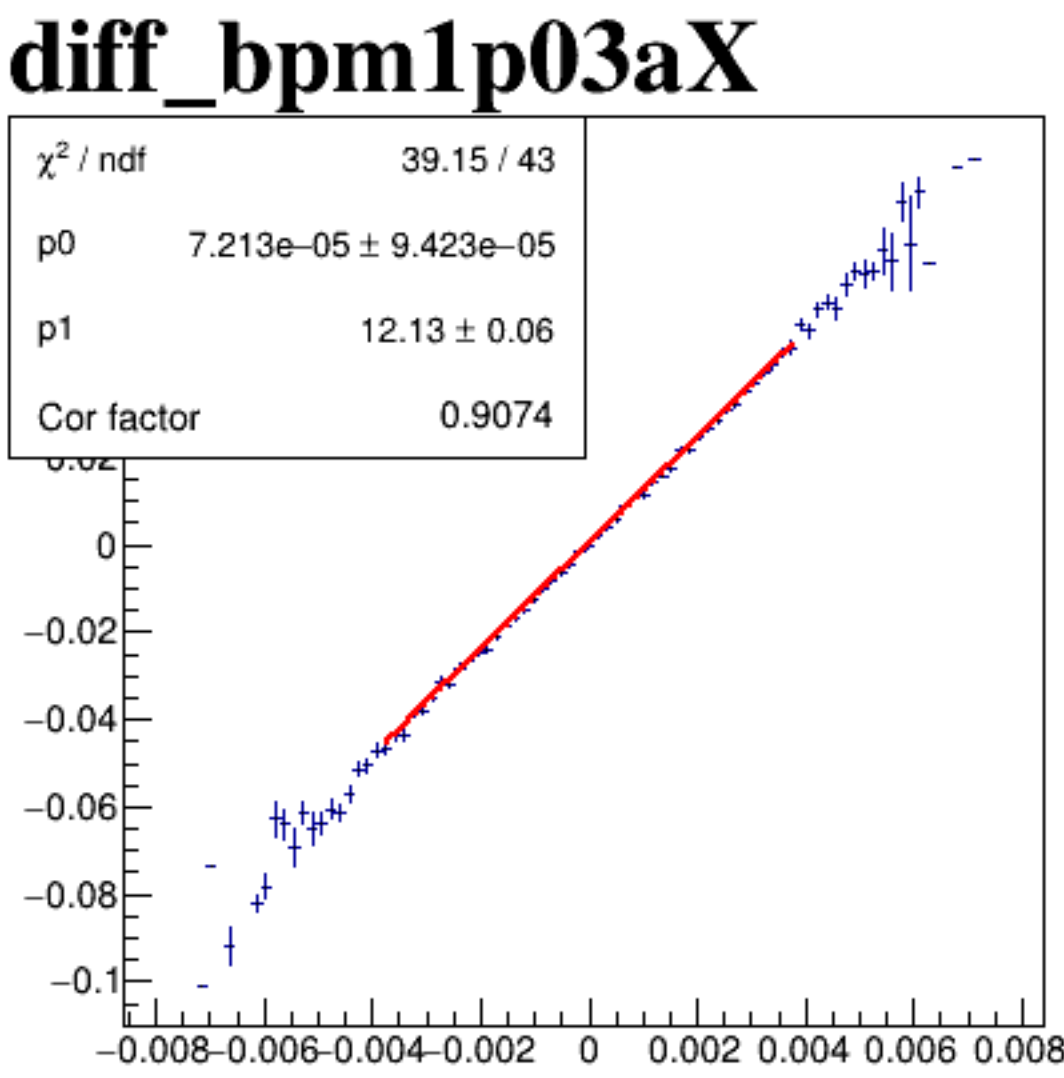
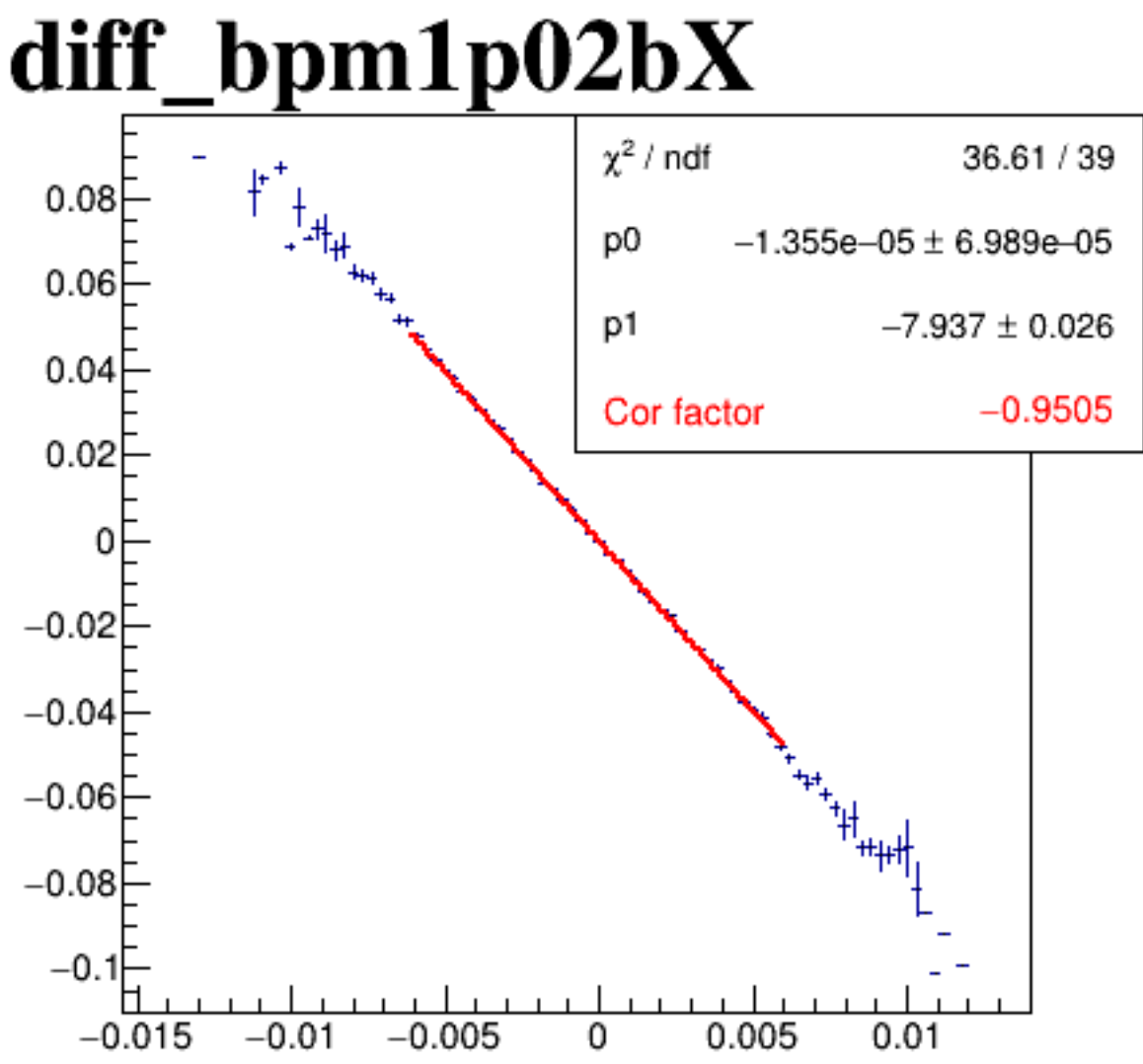
diff_bpm4aX



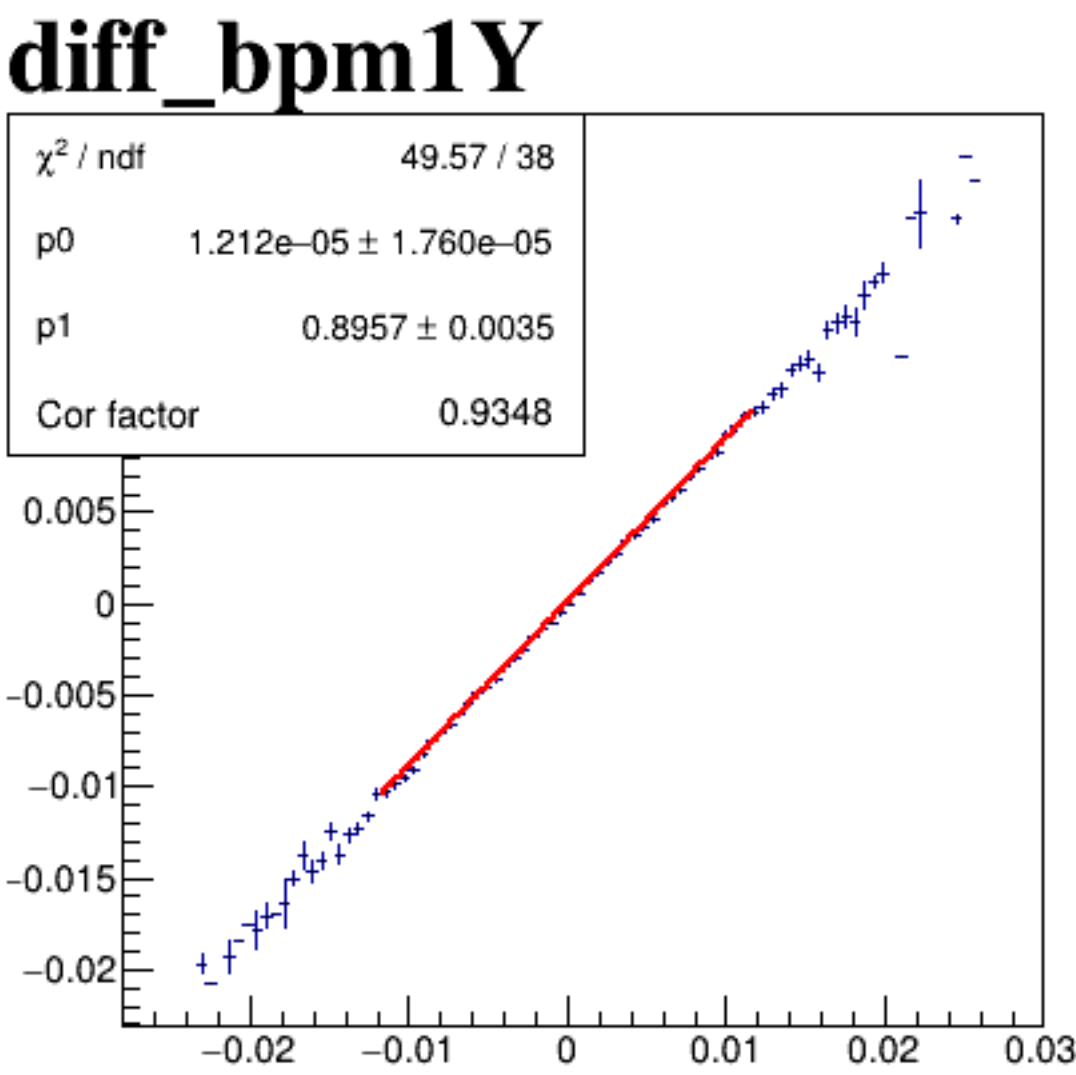
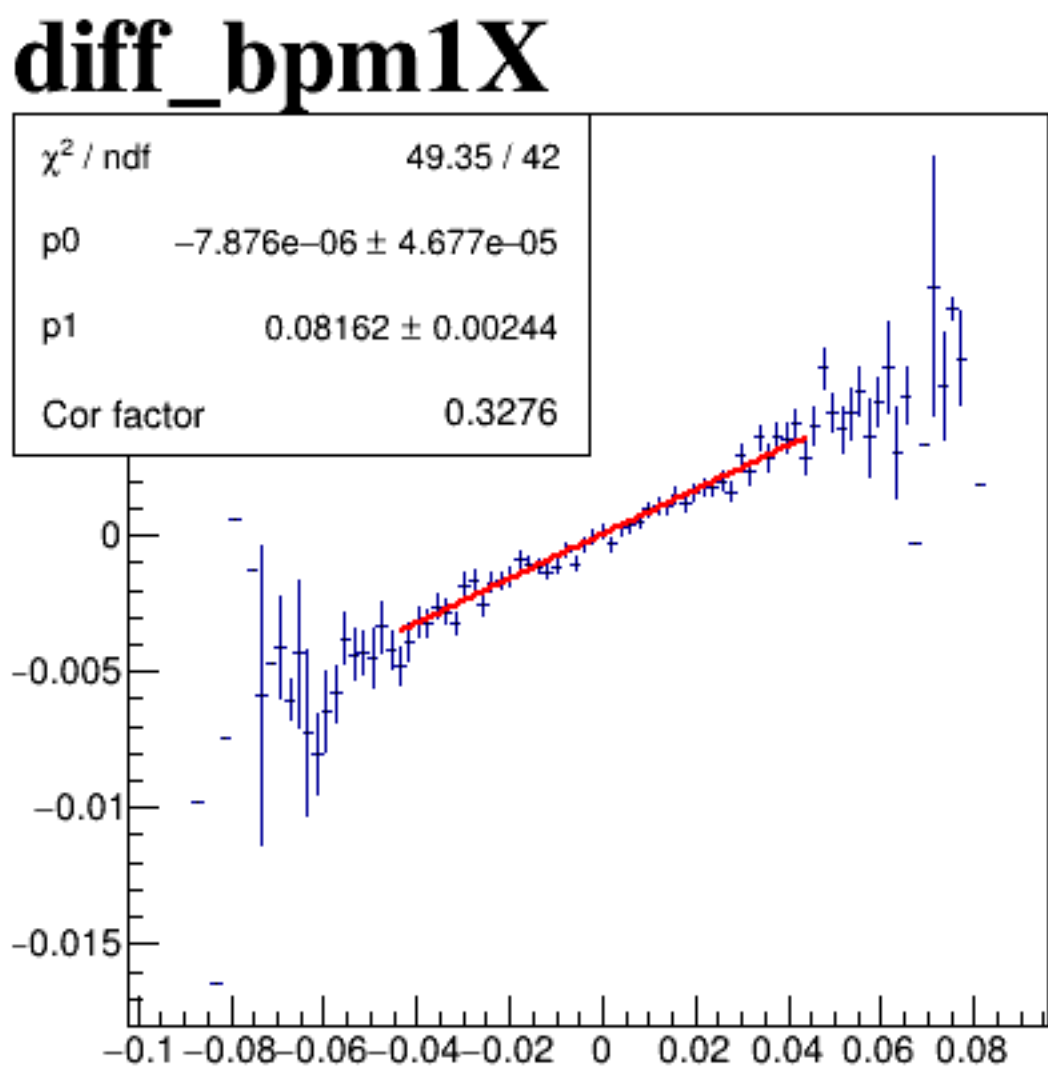
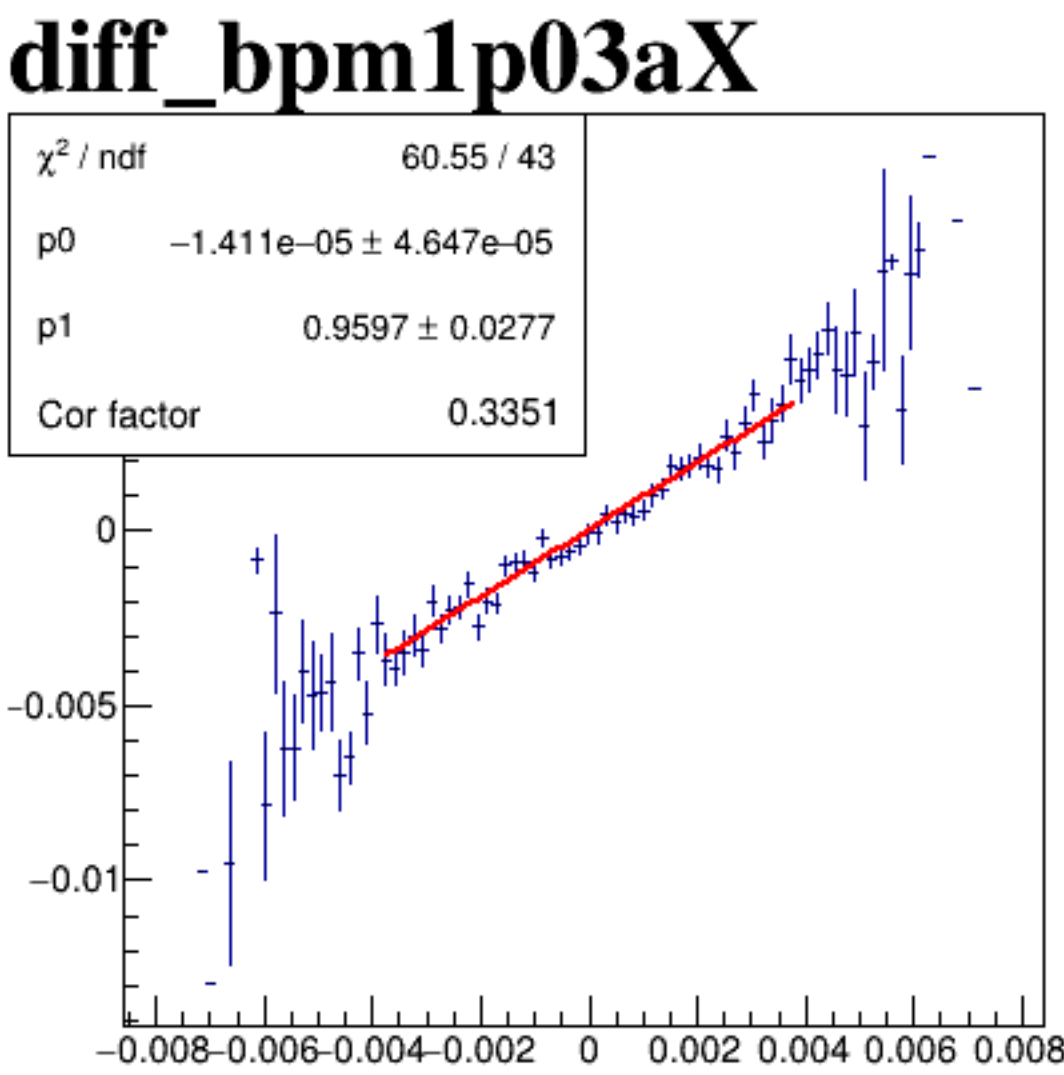
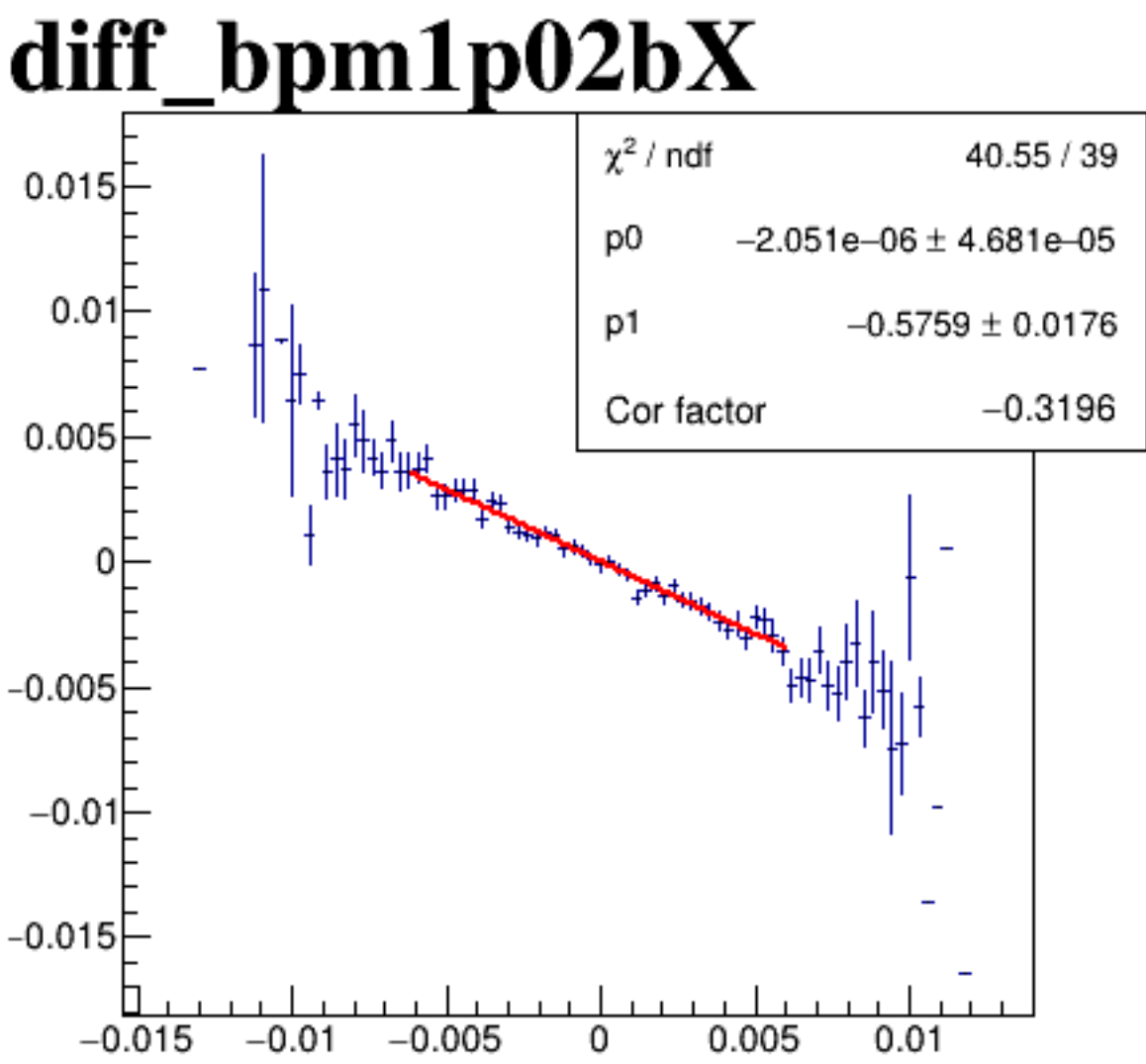
diff_bpm4aY



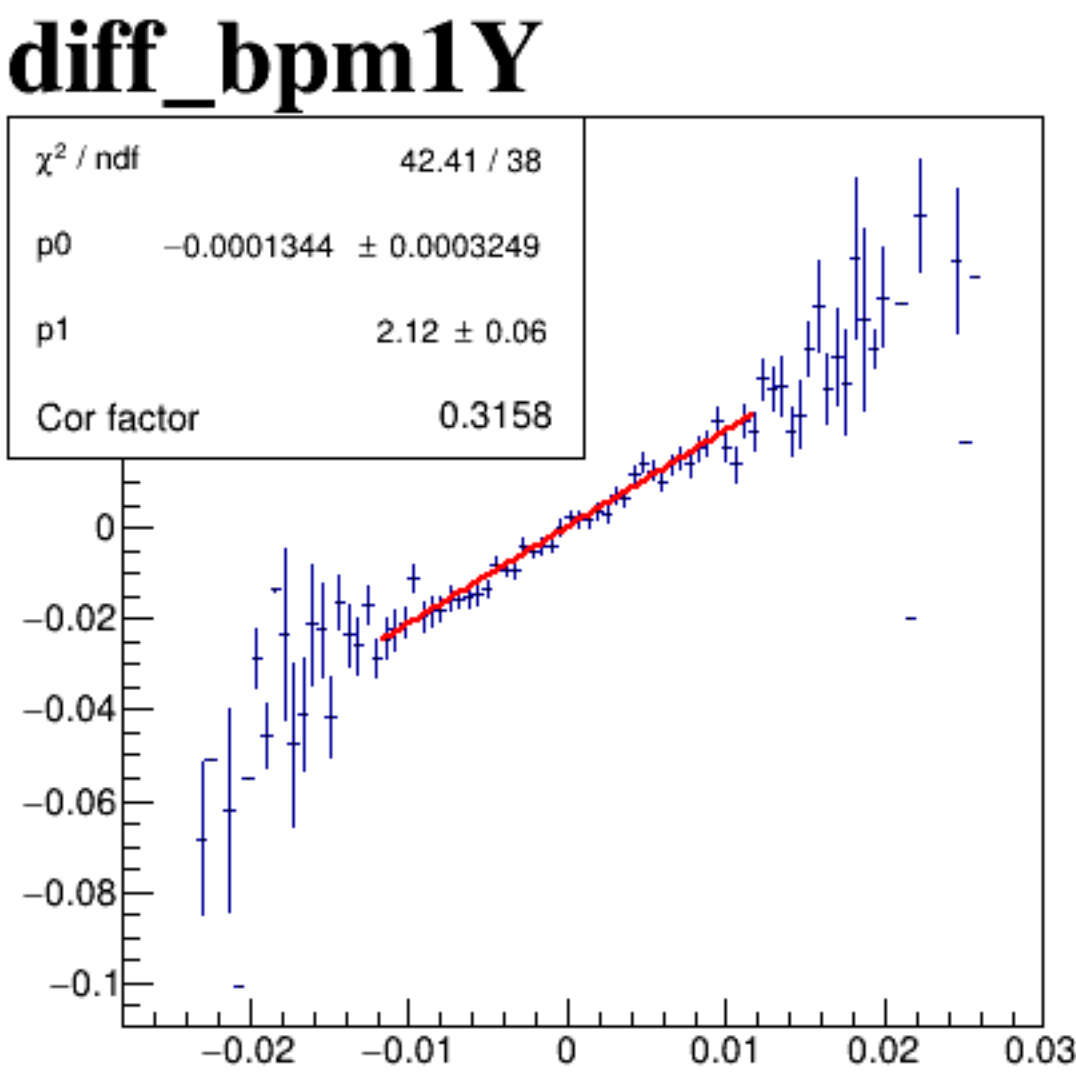
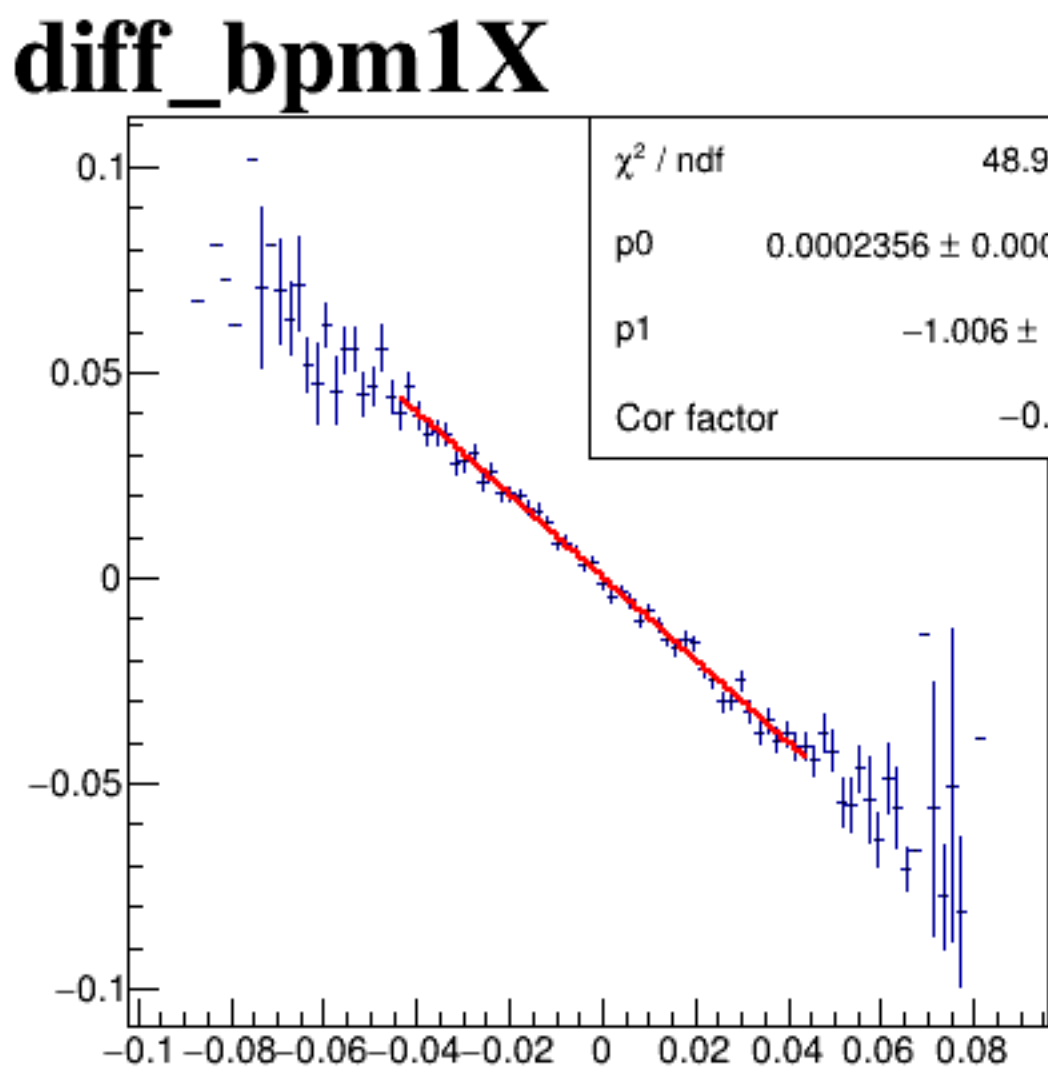
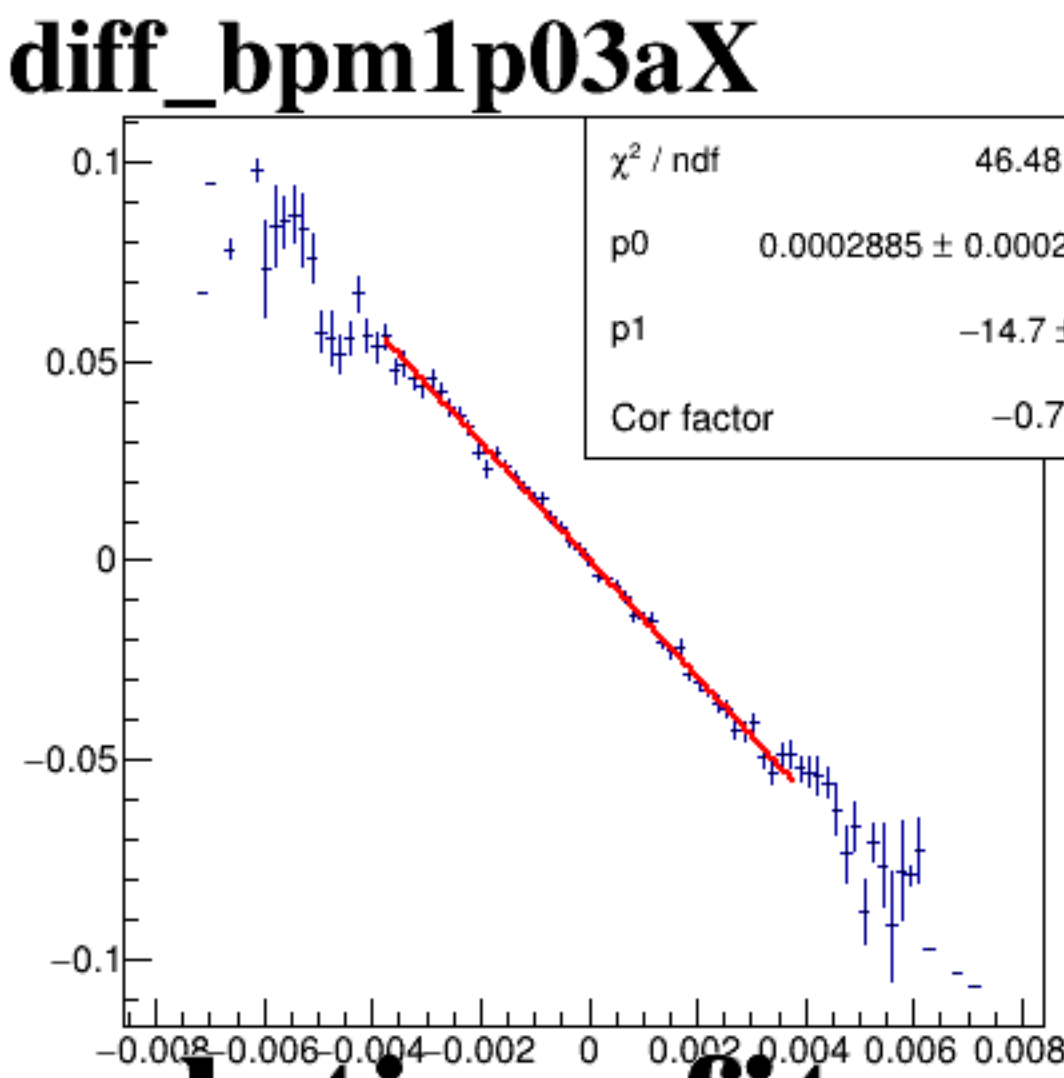
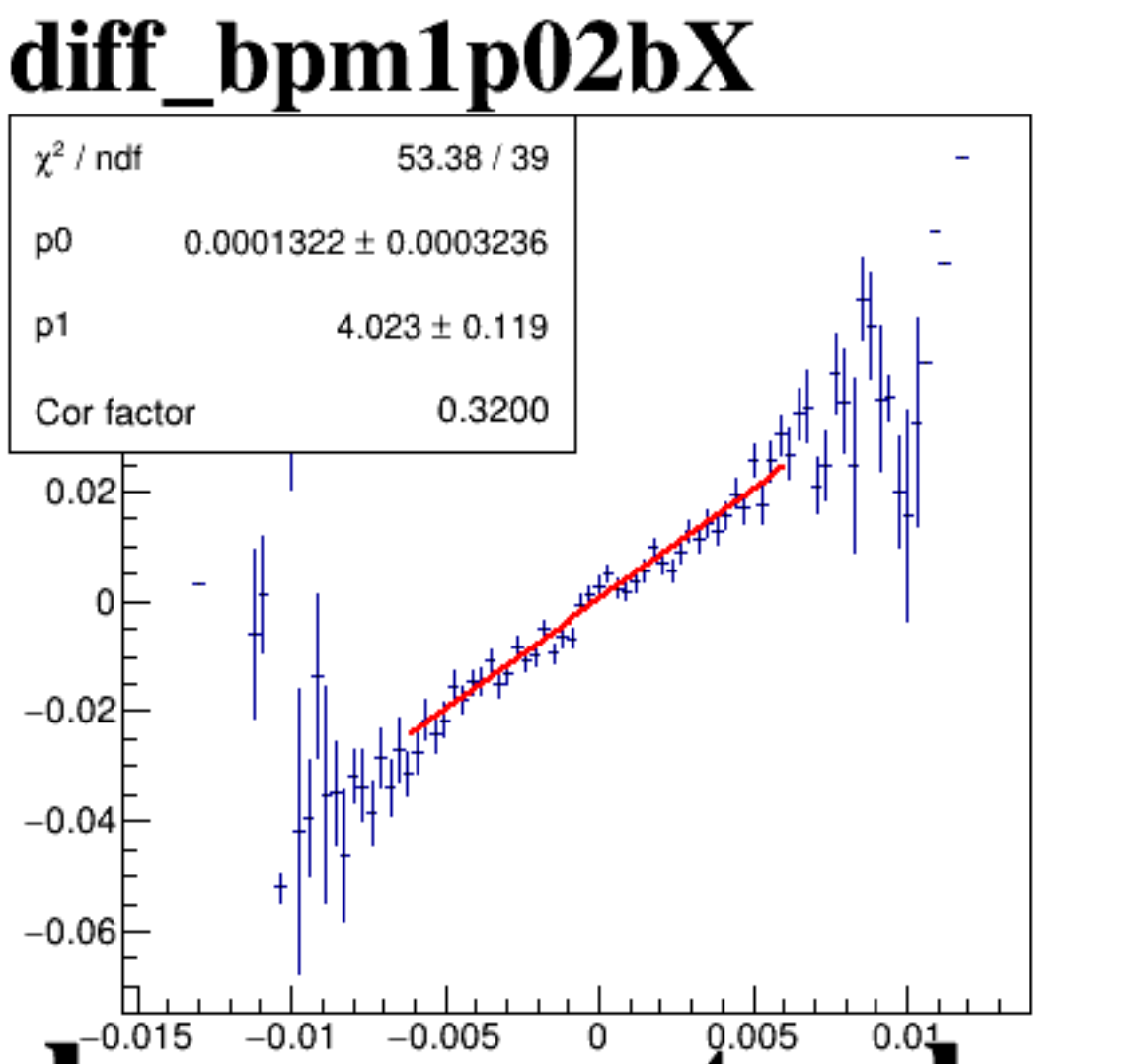
diff_bpm4eX



diff_bpm4eY



diff_bpm12X

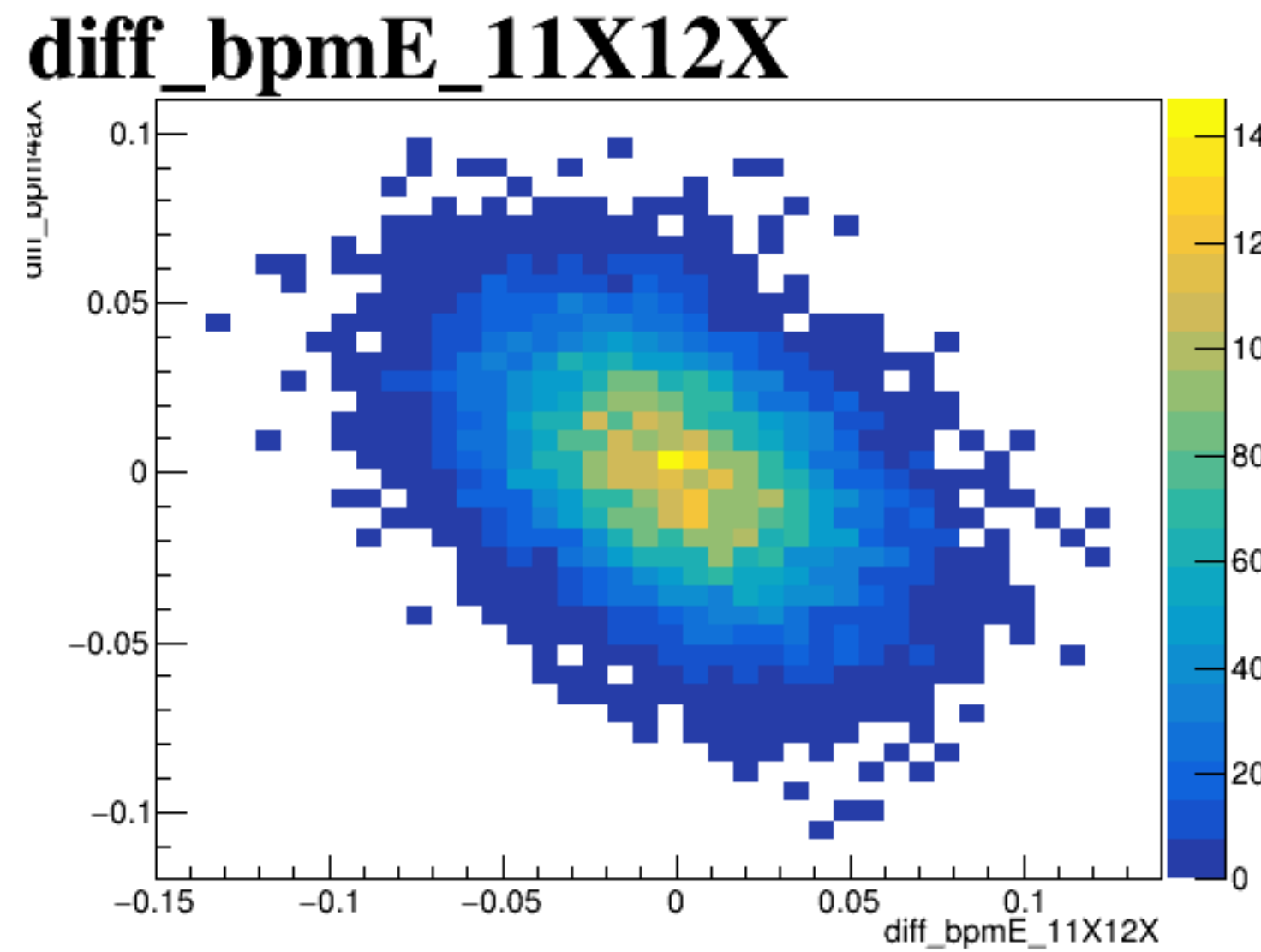
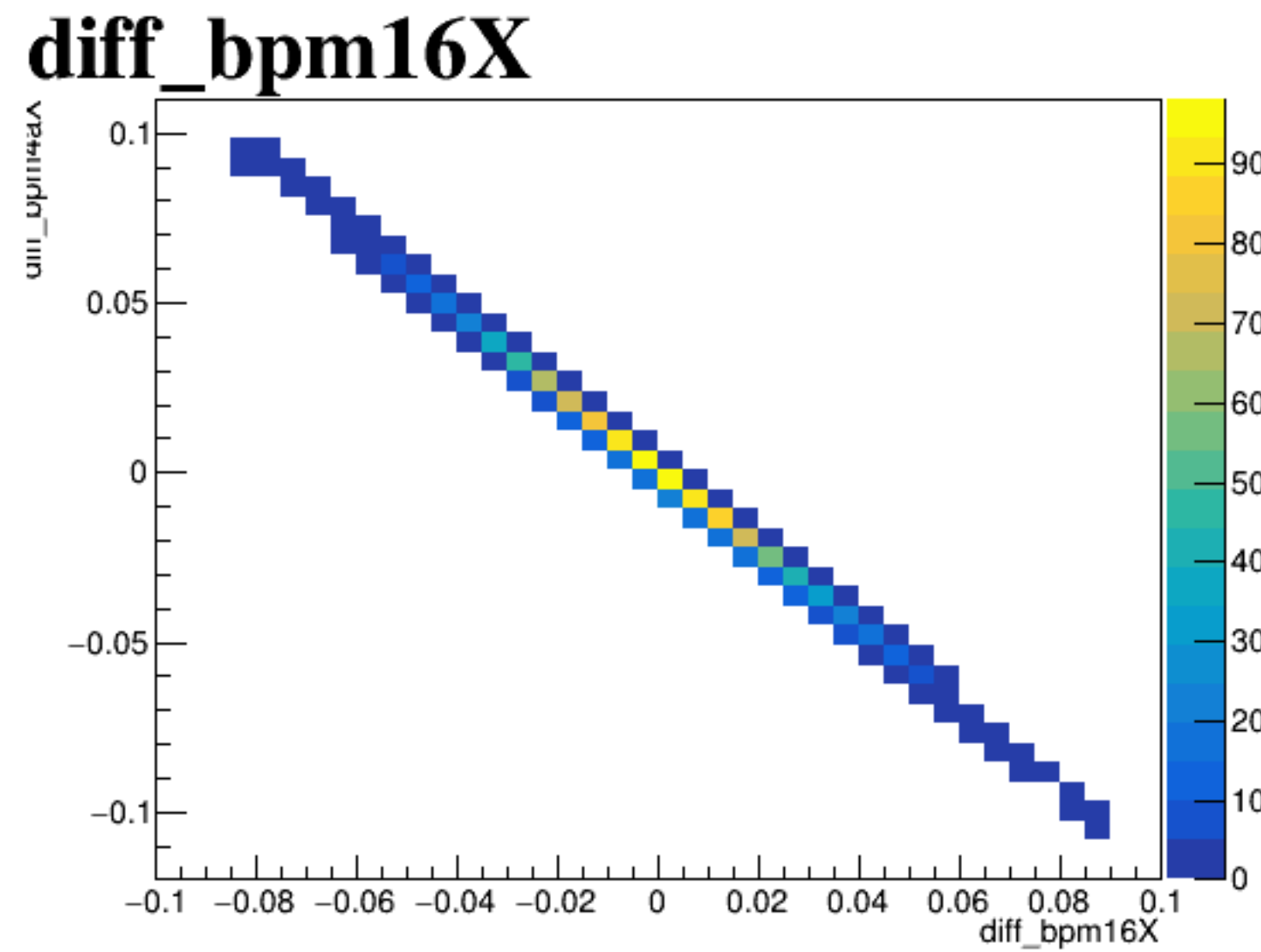
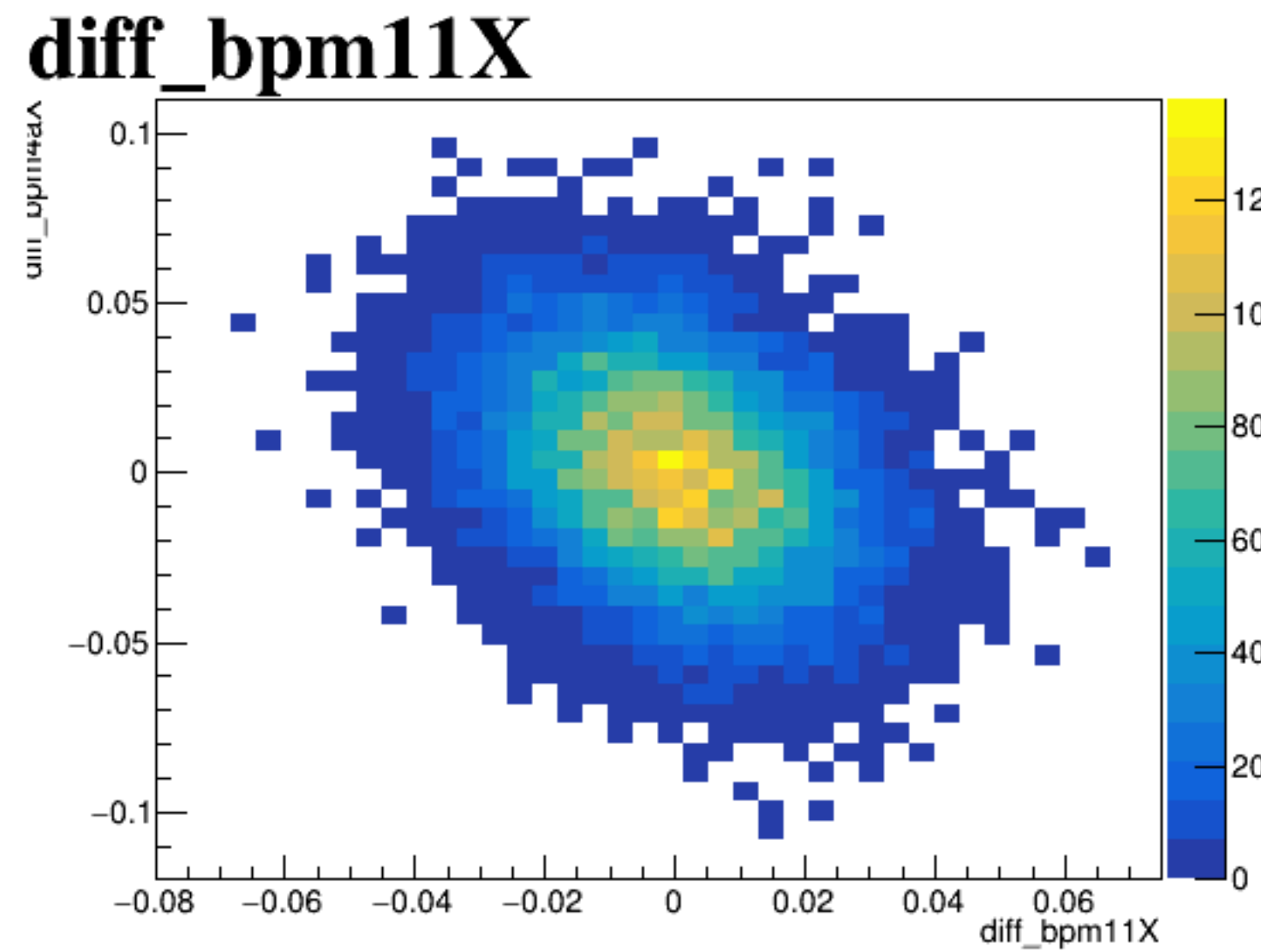


A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.03. The y-axis ranges from -0.1 to 0.1.

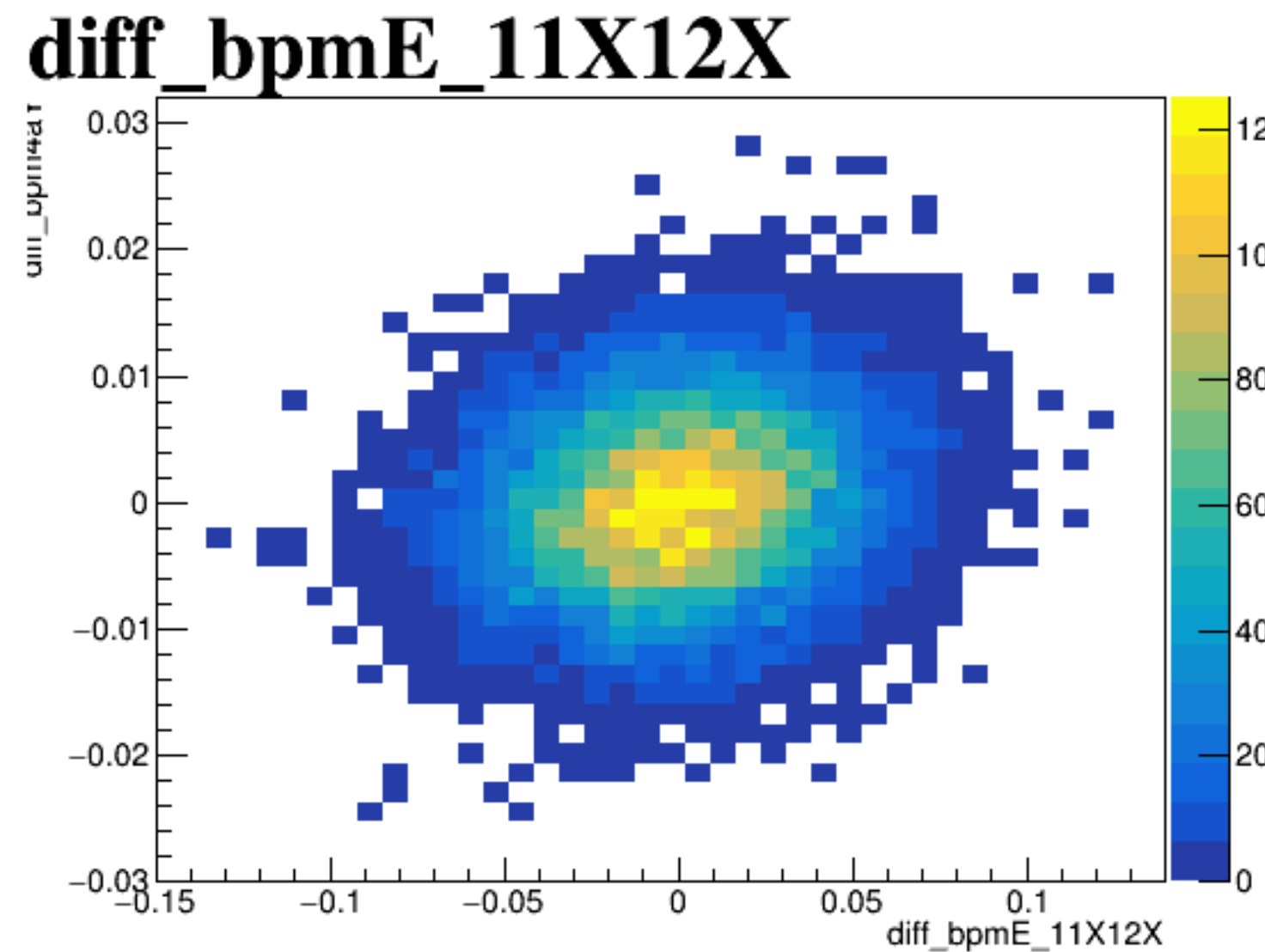
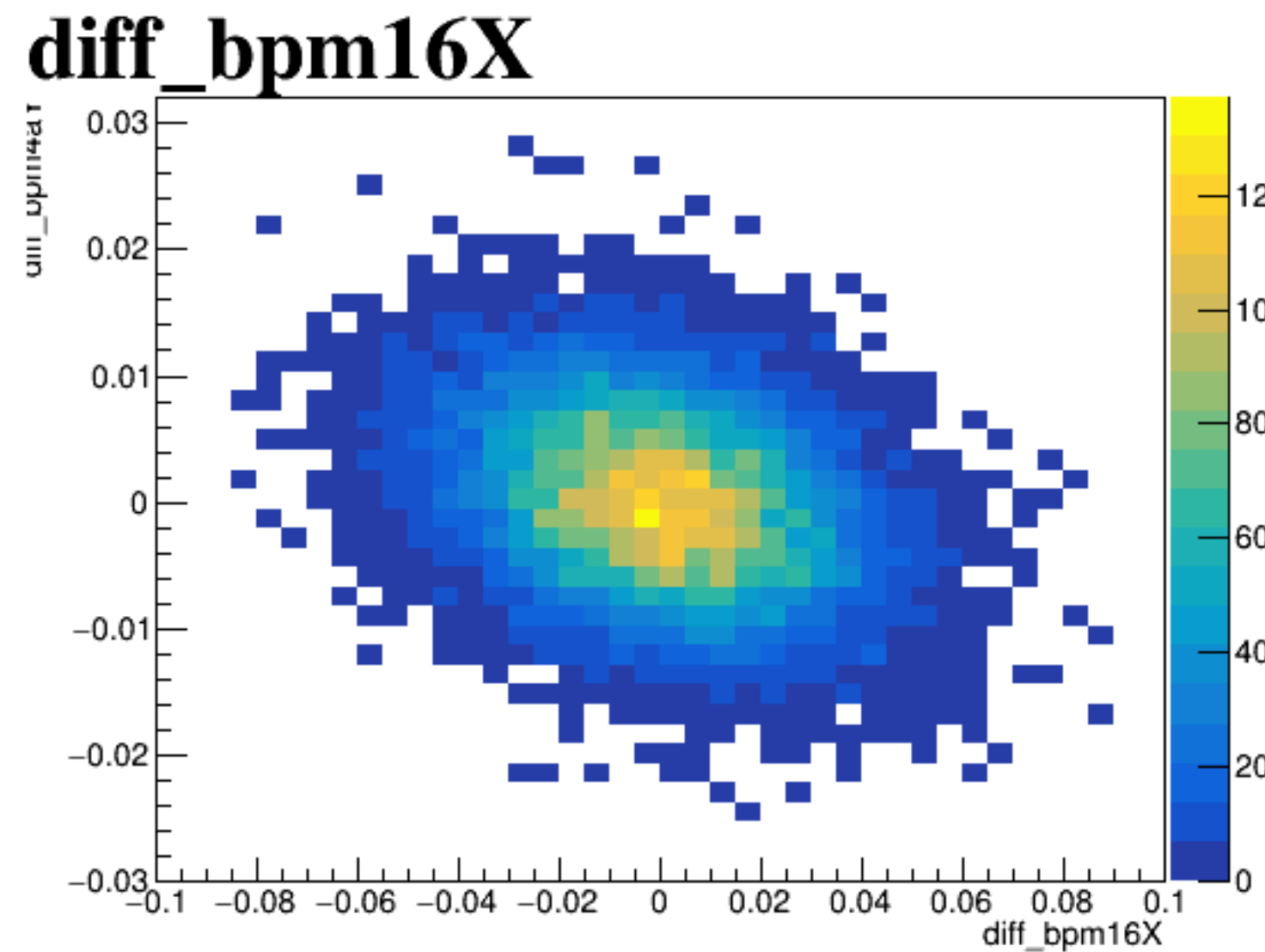
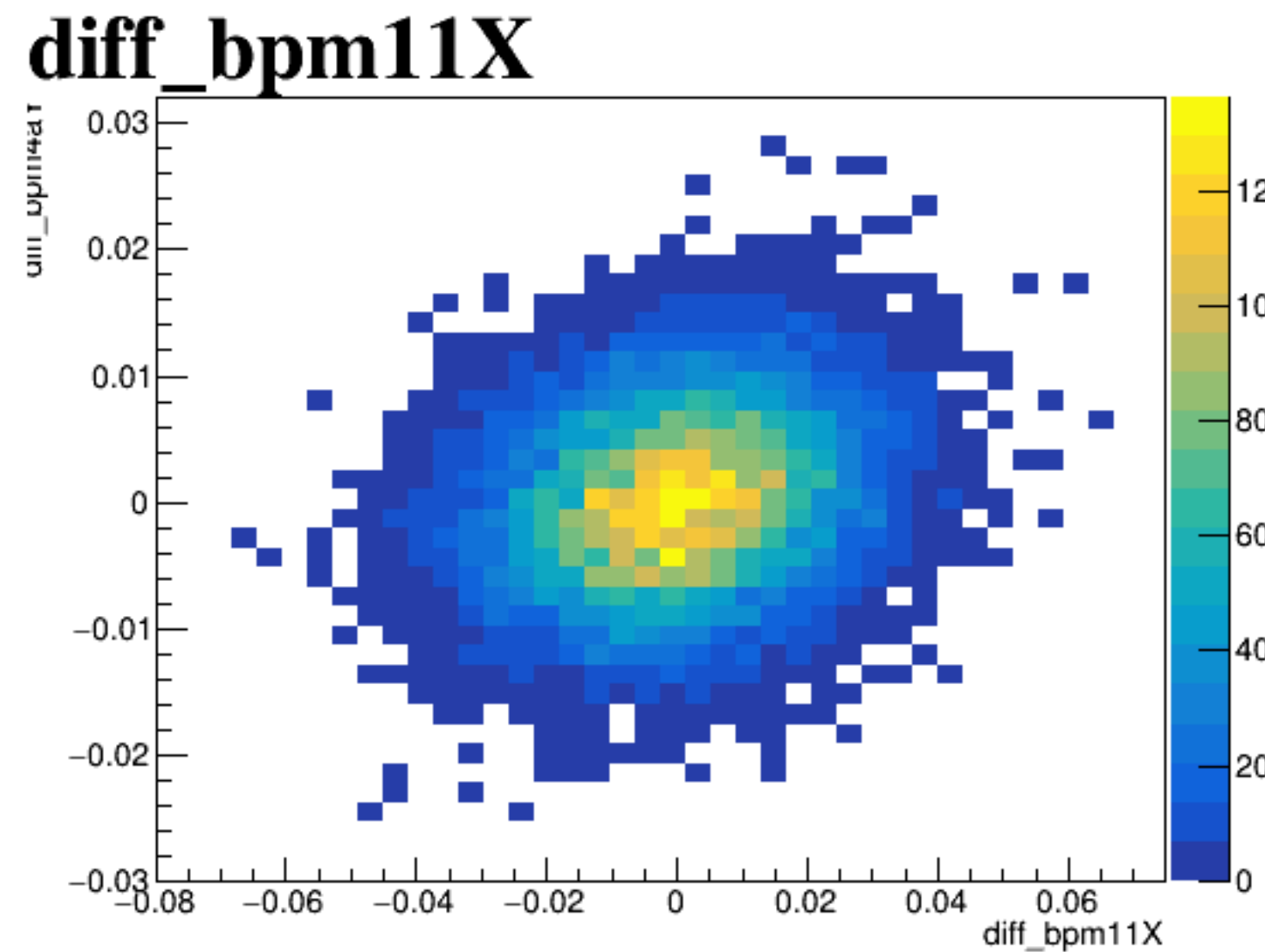
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The x-axis ranges from -0.1 to 0.1, and the y-axis ranges from -0.15 to 0.15. The data points are densely clustered around the origin (0,0), forming a circular cloud. The plot is titled 'diff_bpm1X' in the top left corner.

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 0.03. The y-axis ranges from -0.15 to 0.15.

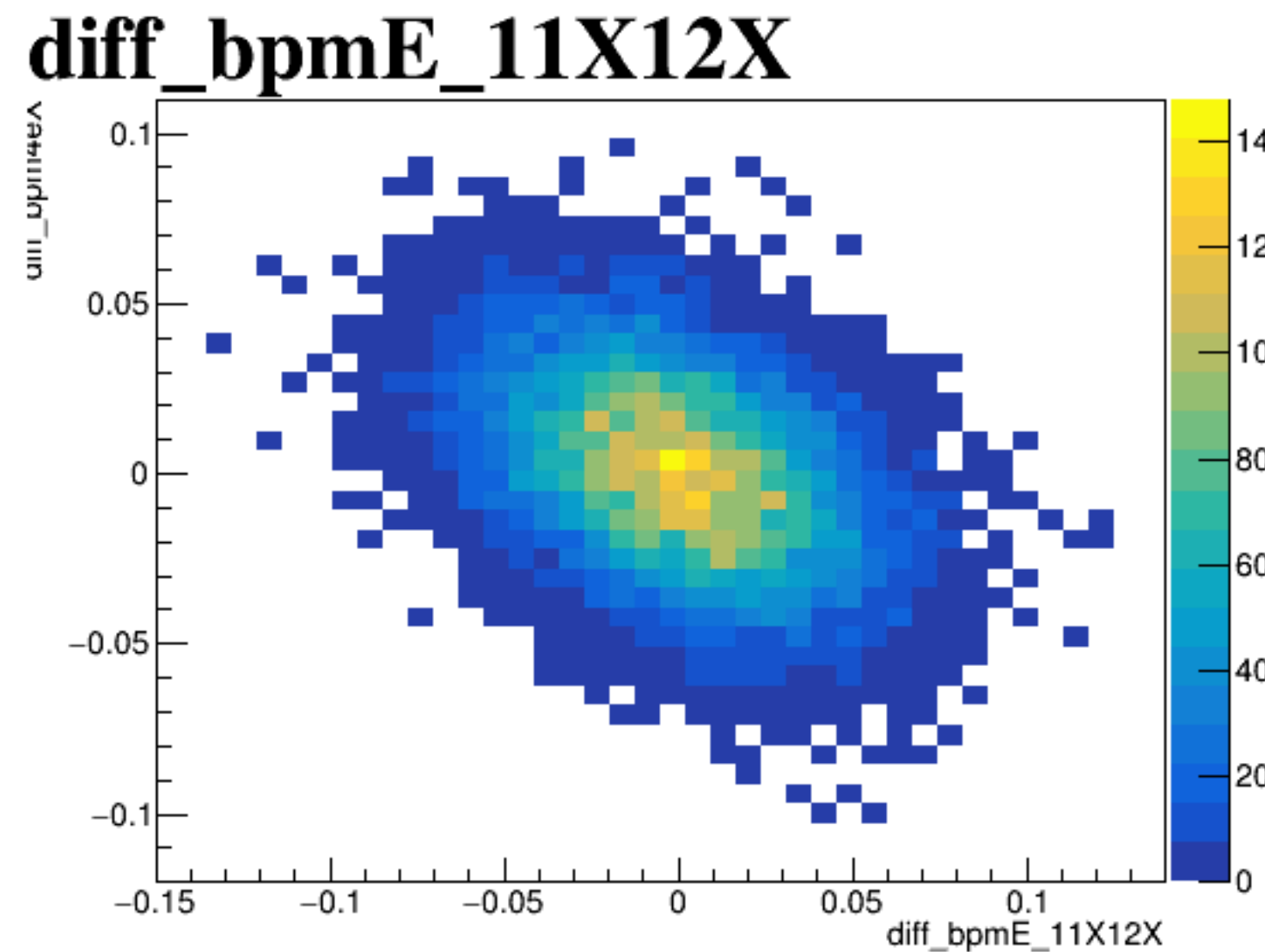
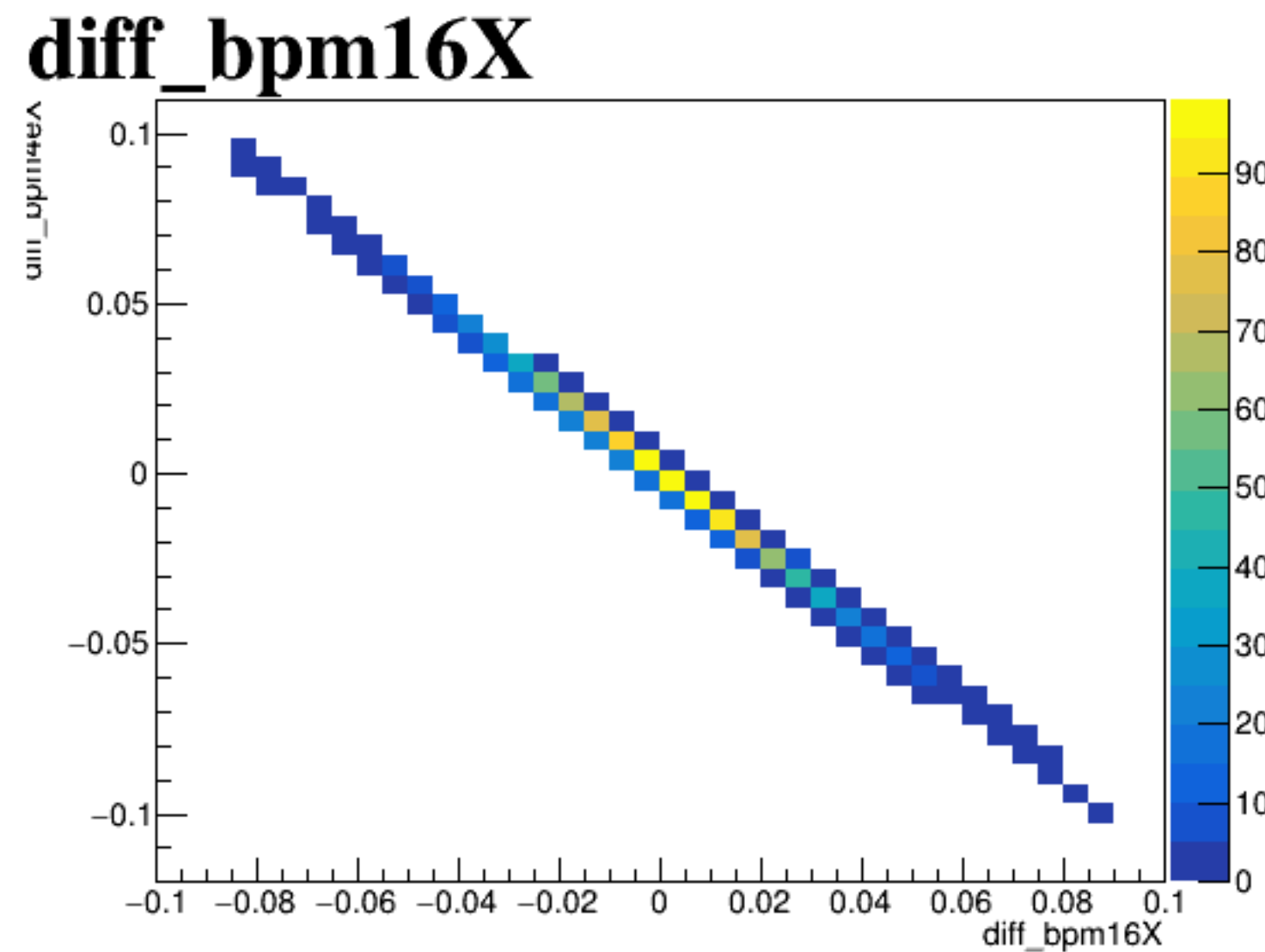
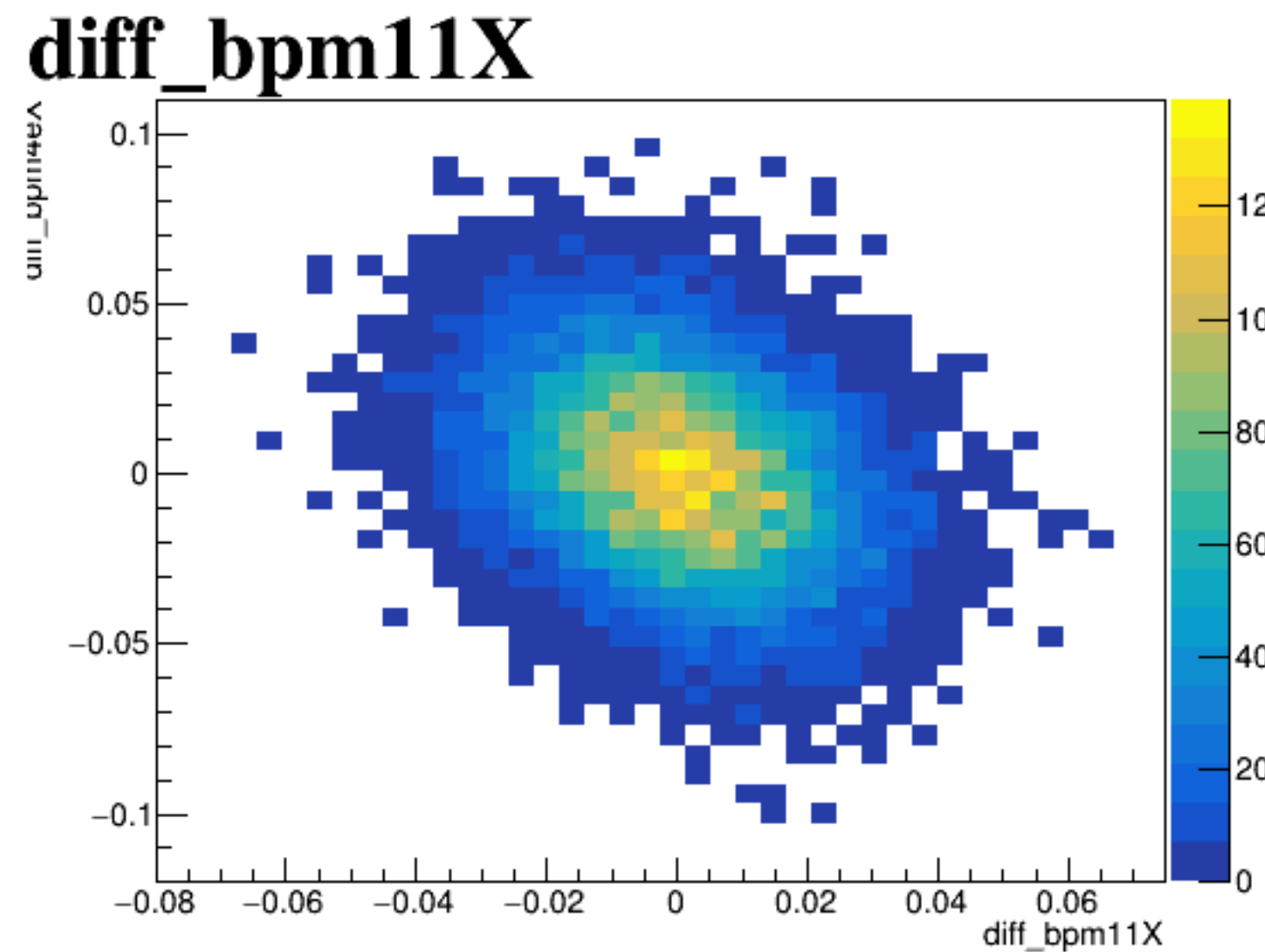
diff_bpm4aX



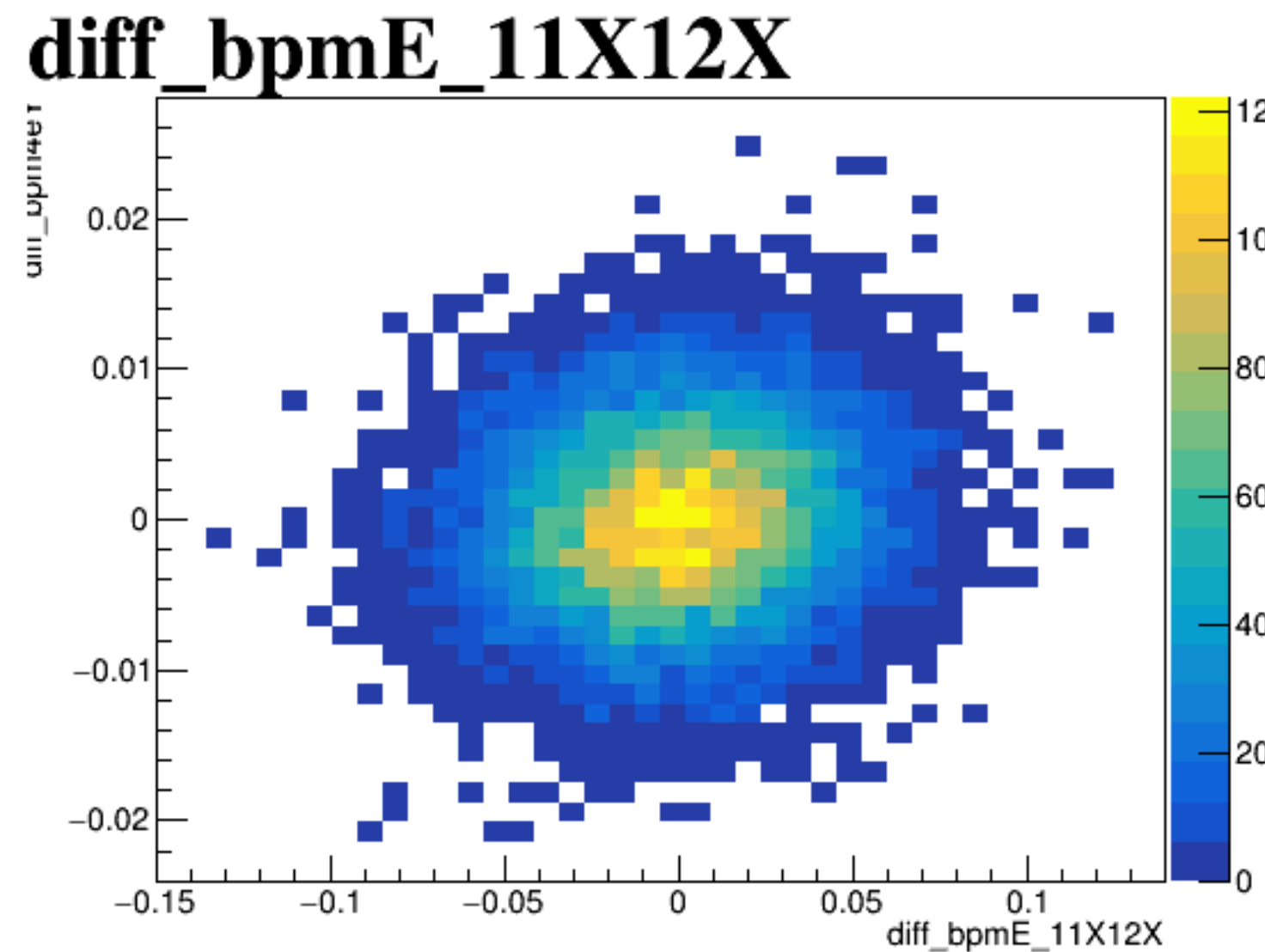
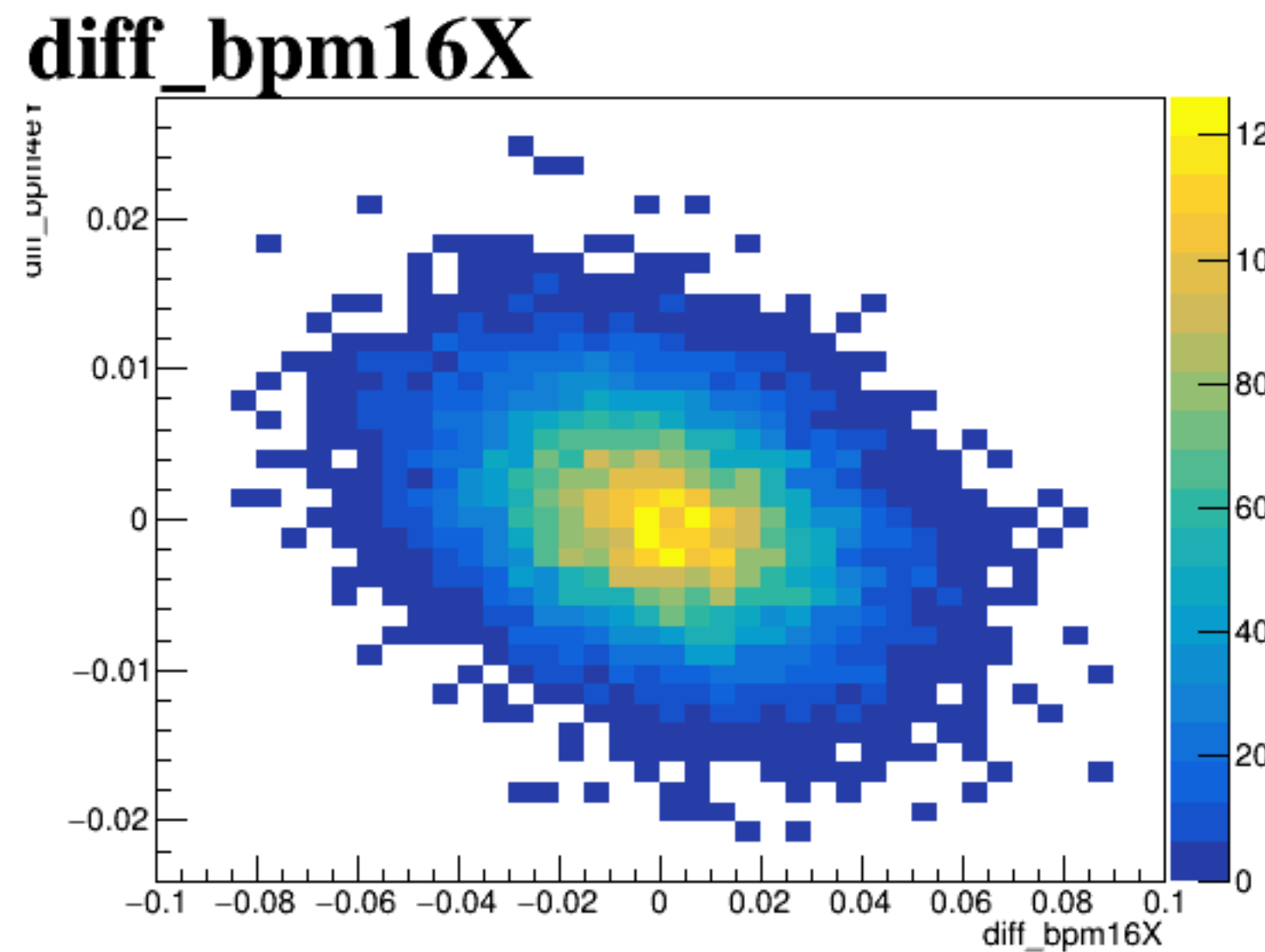
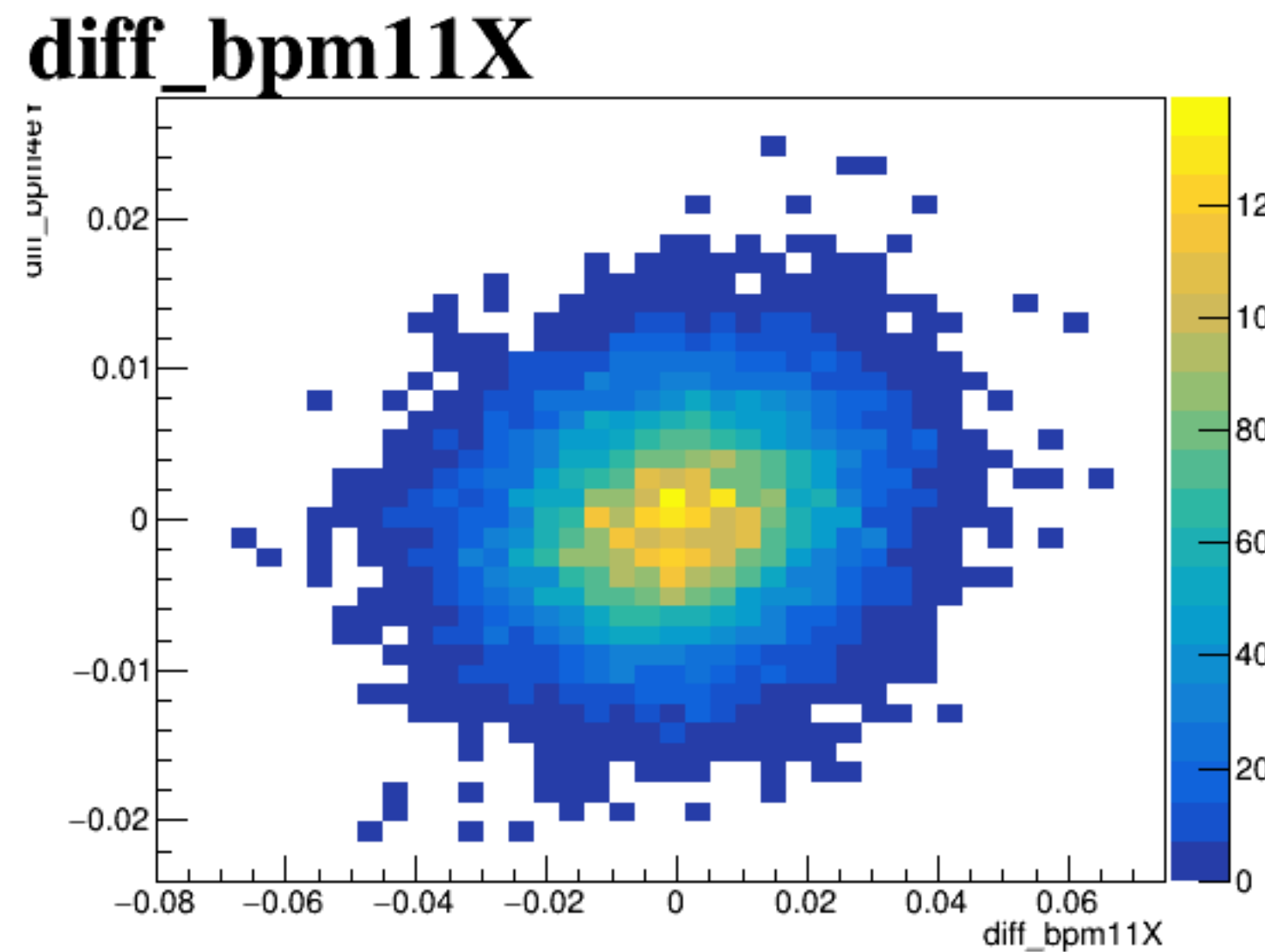
diff_bpm4aY



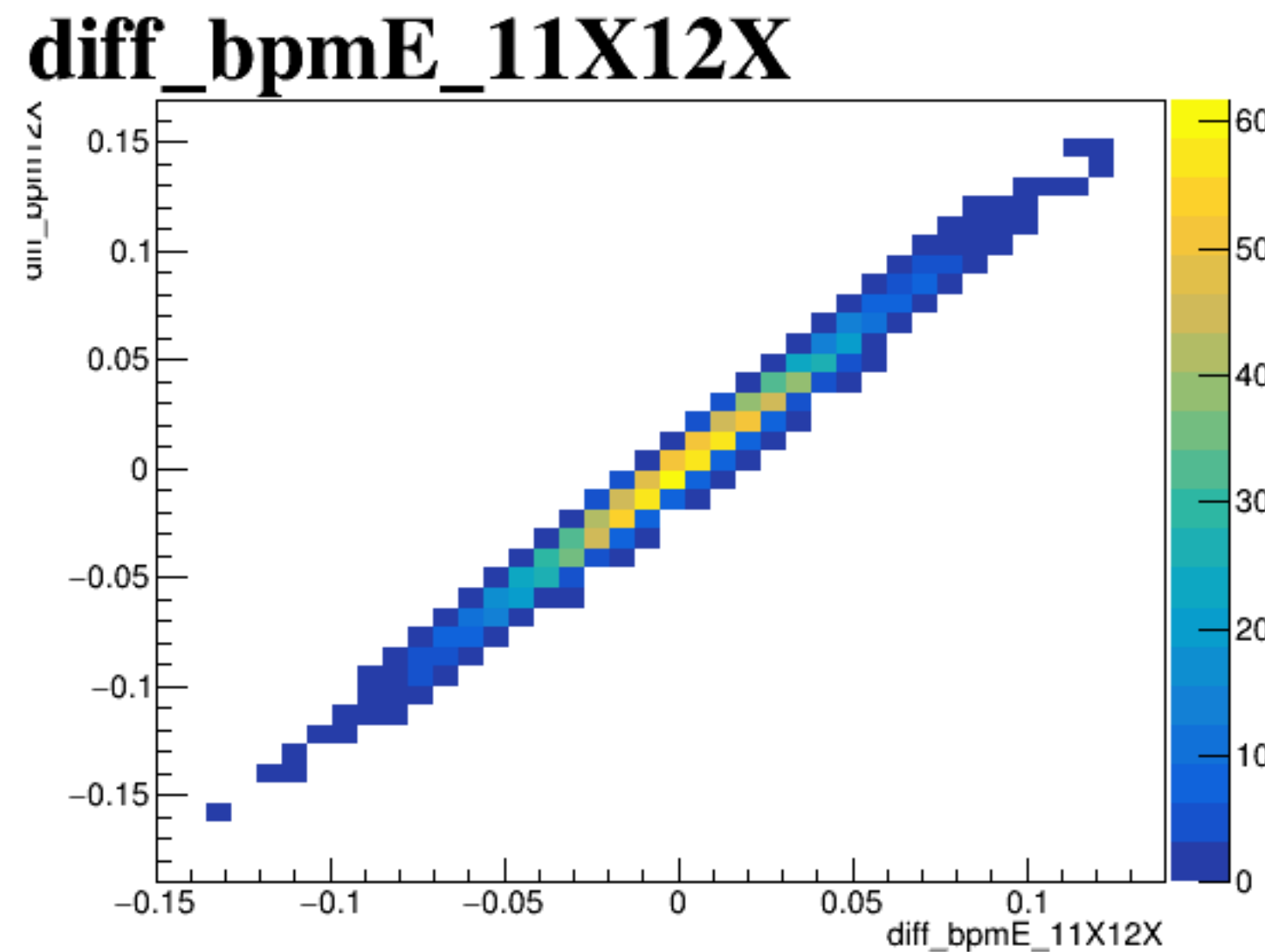
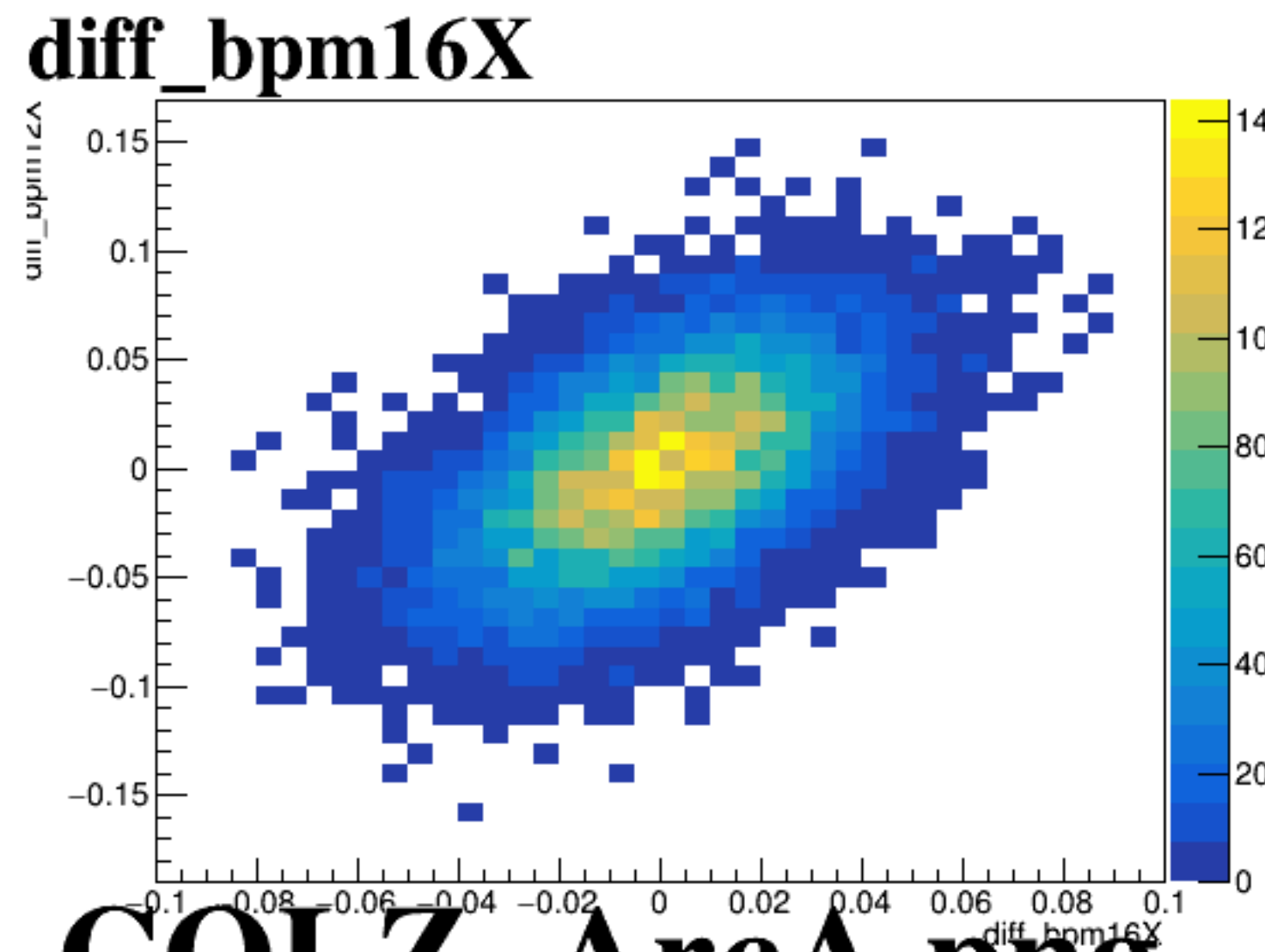
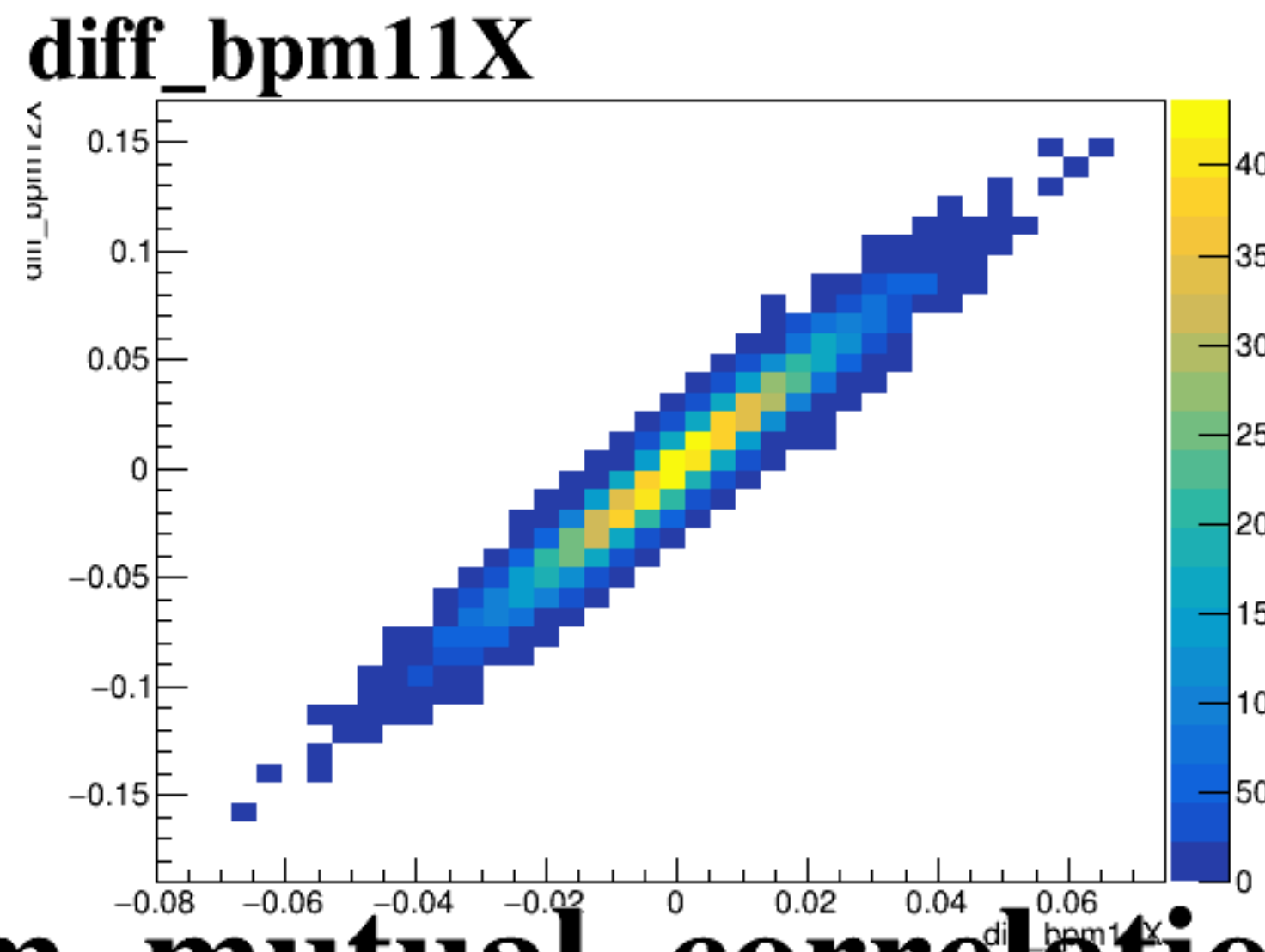
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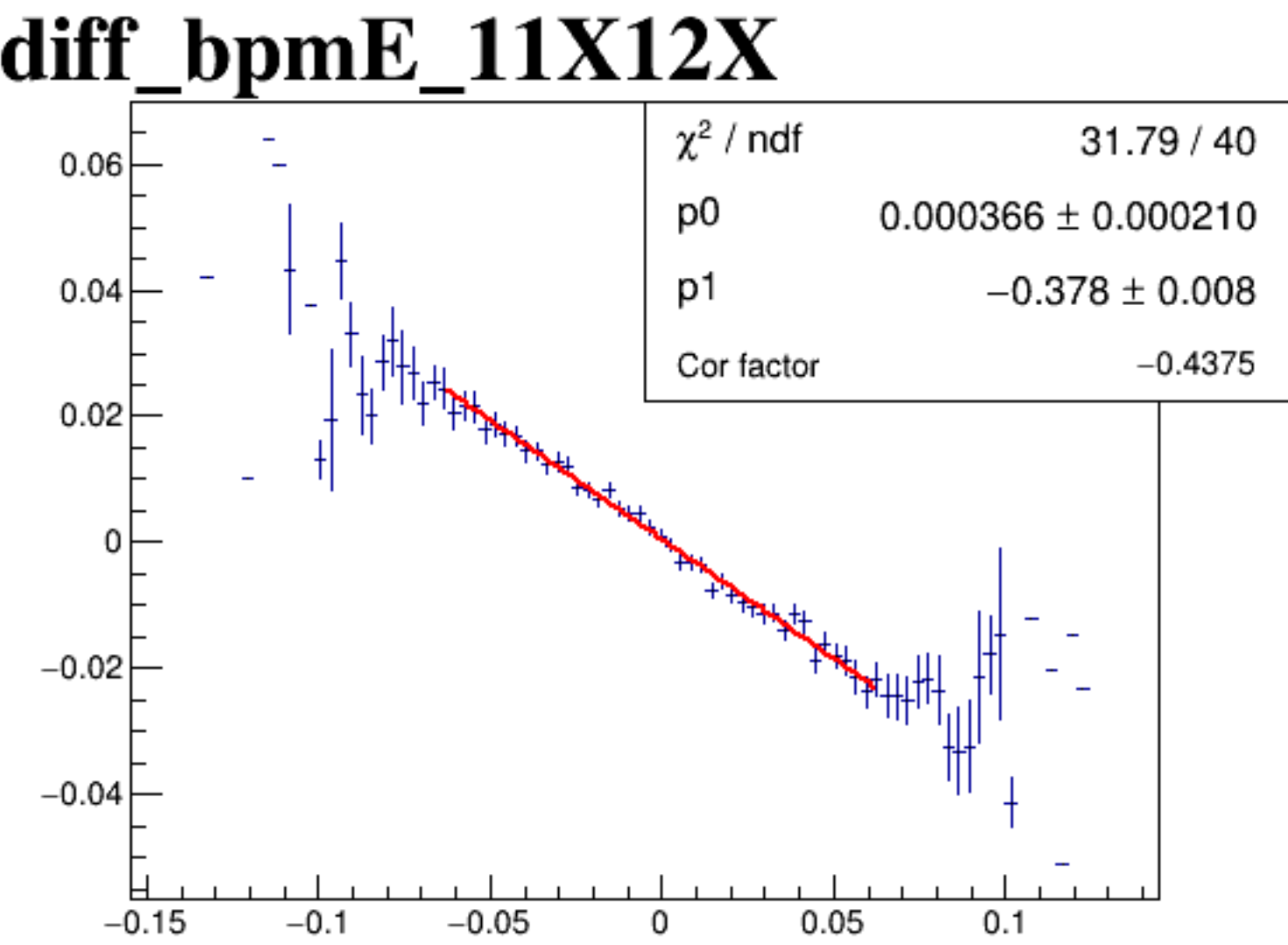
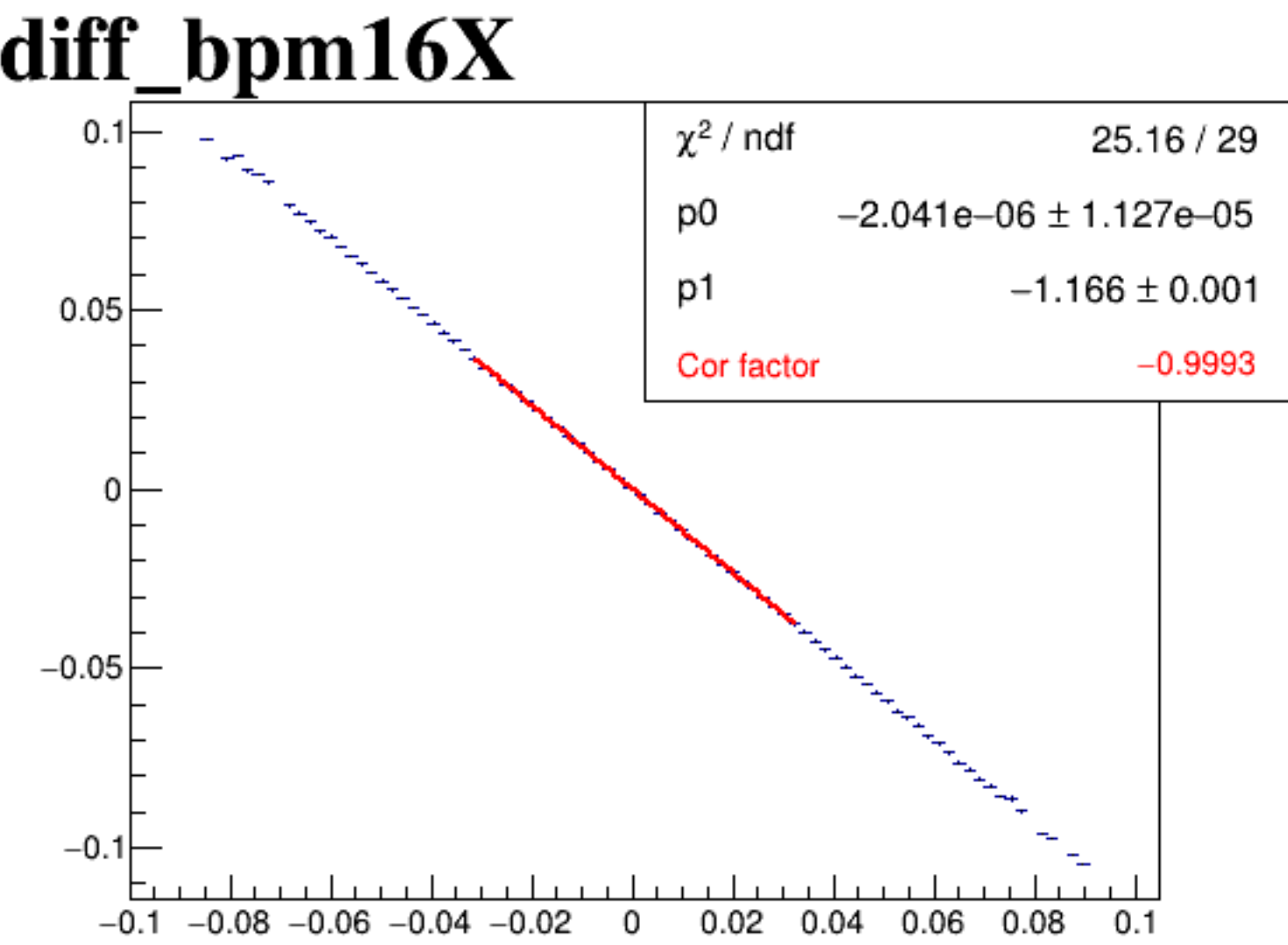
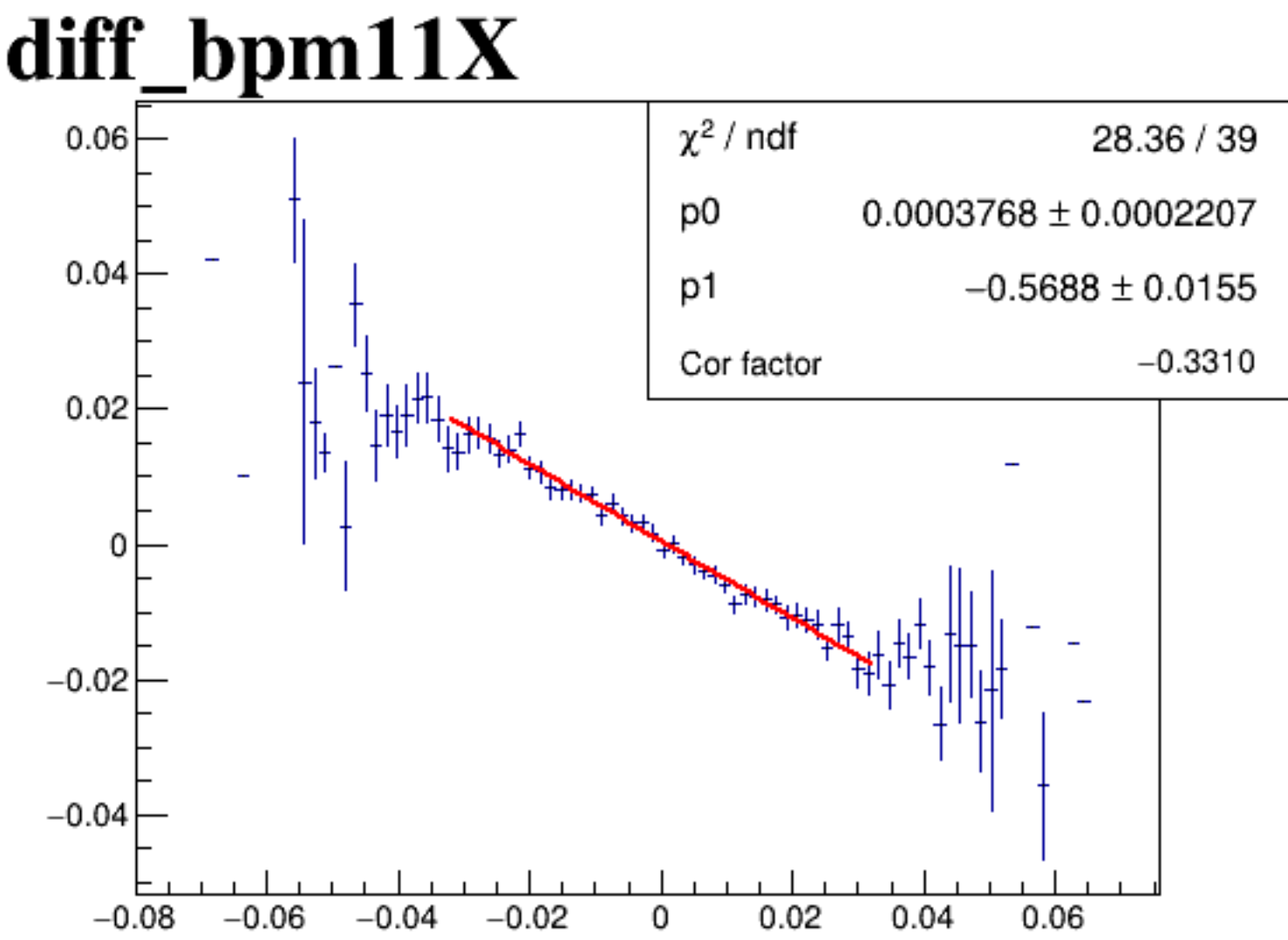
diff_bpm4eY



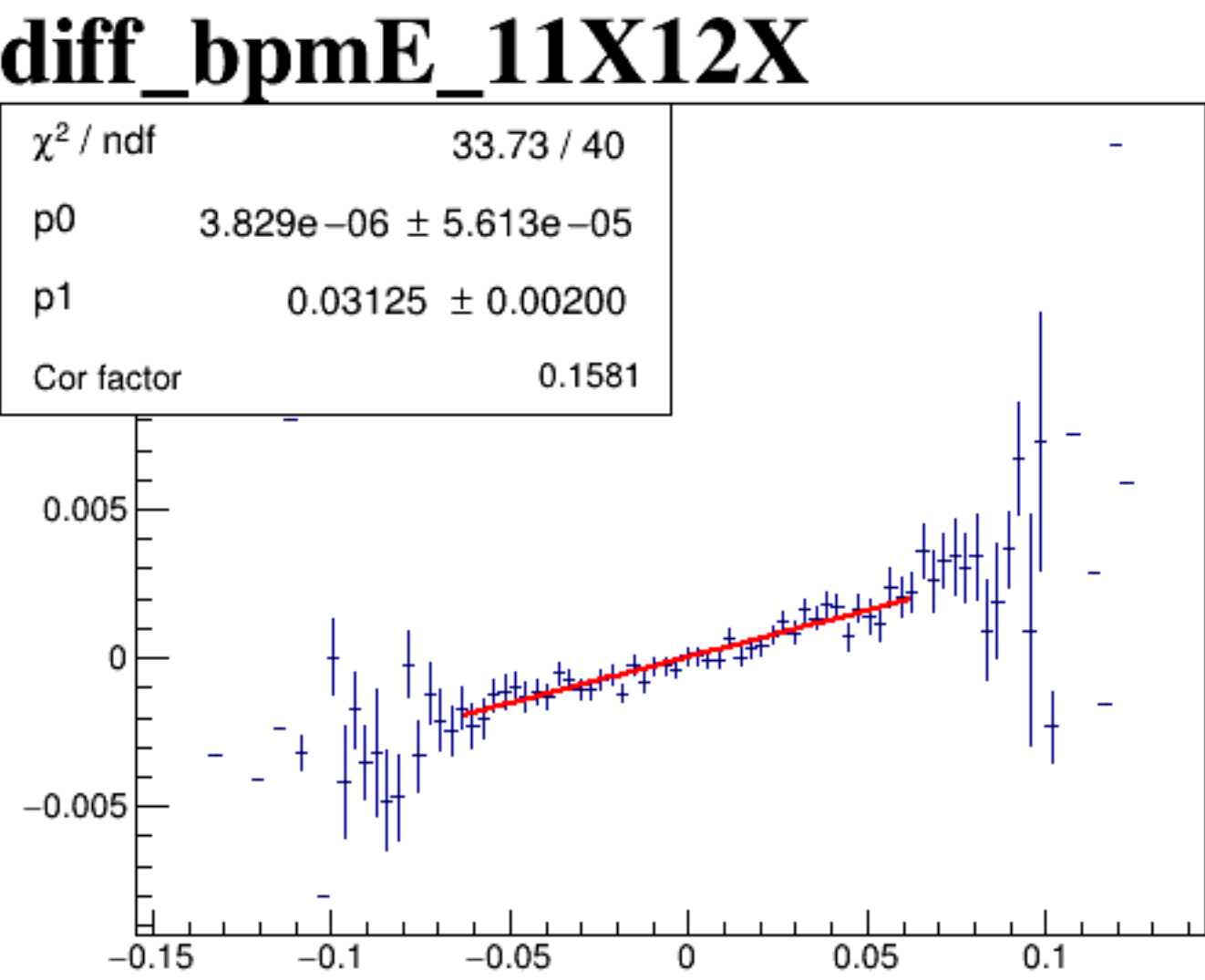
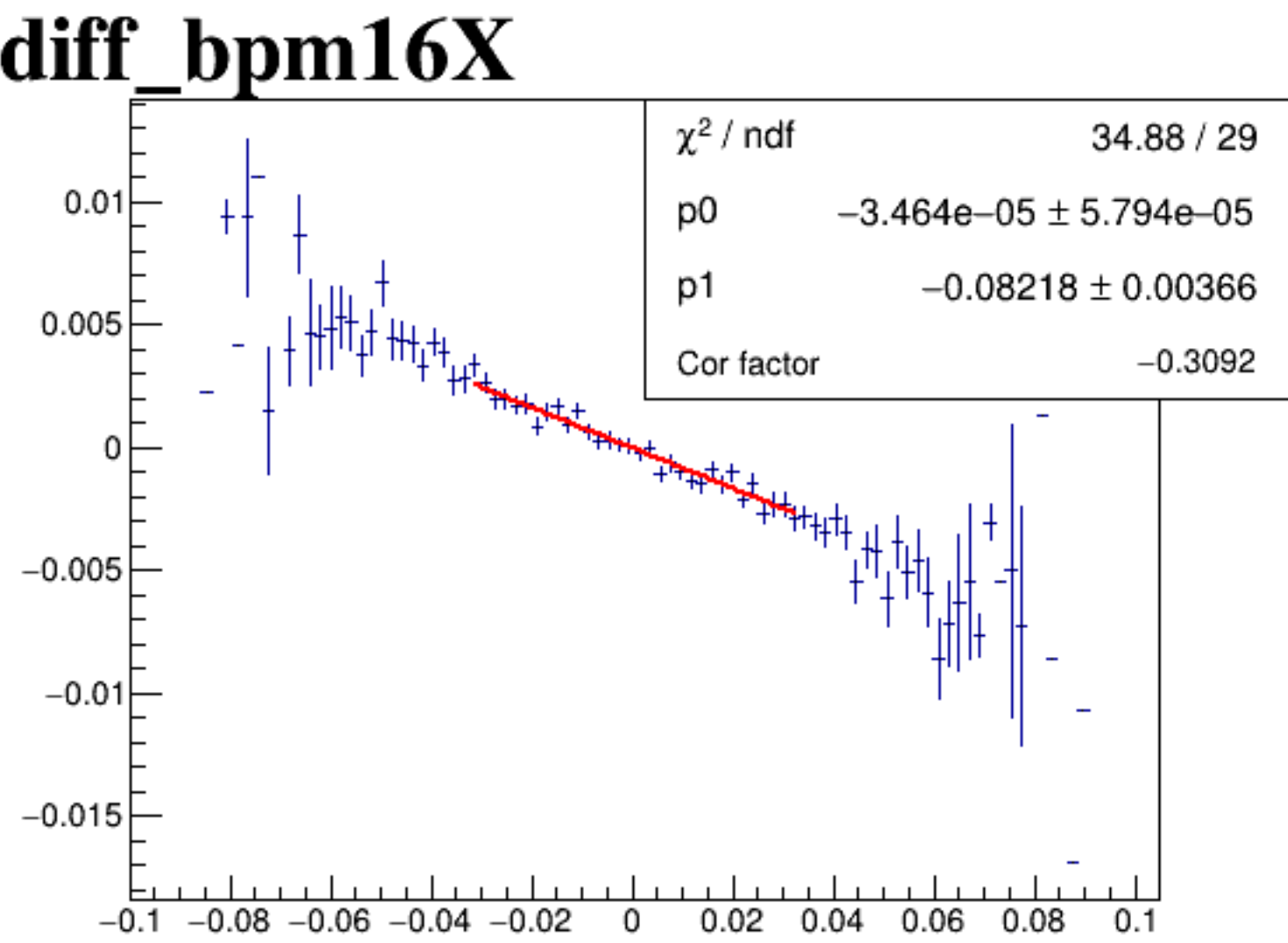
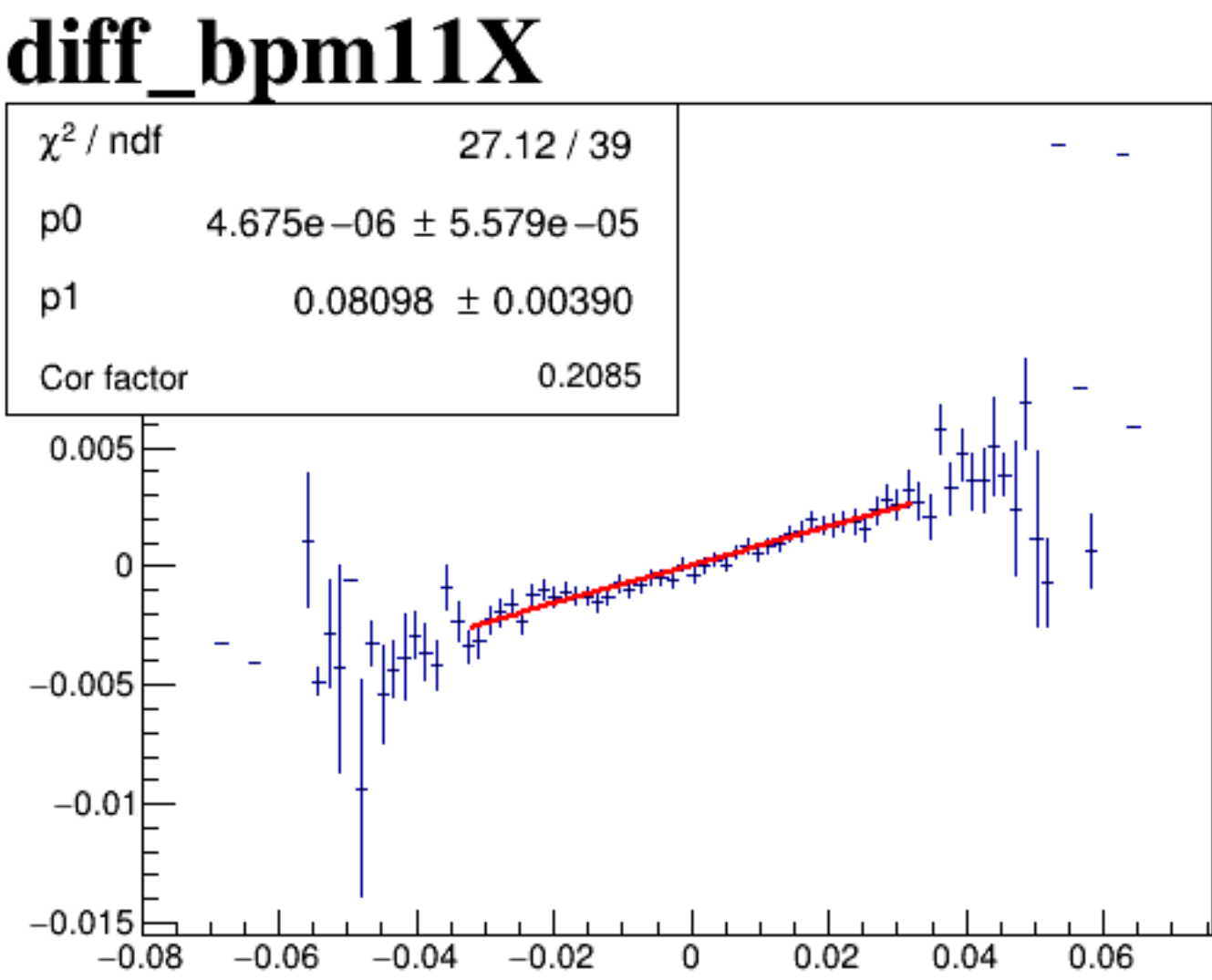
diff_bpm12X



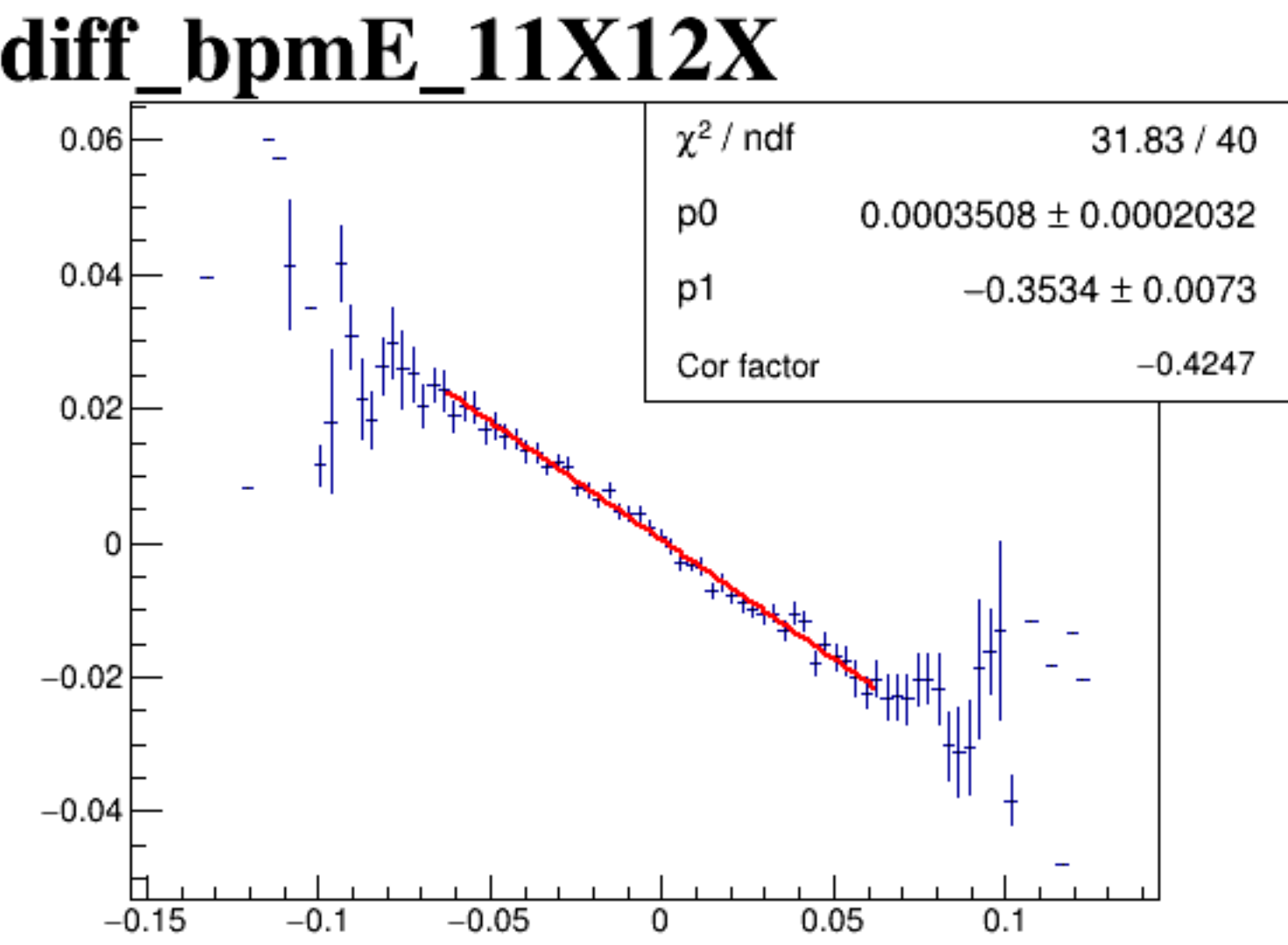
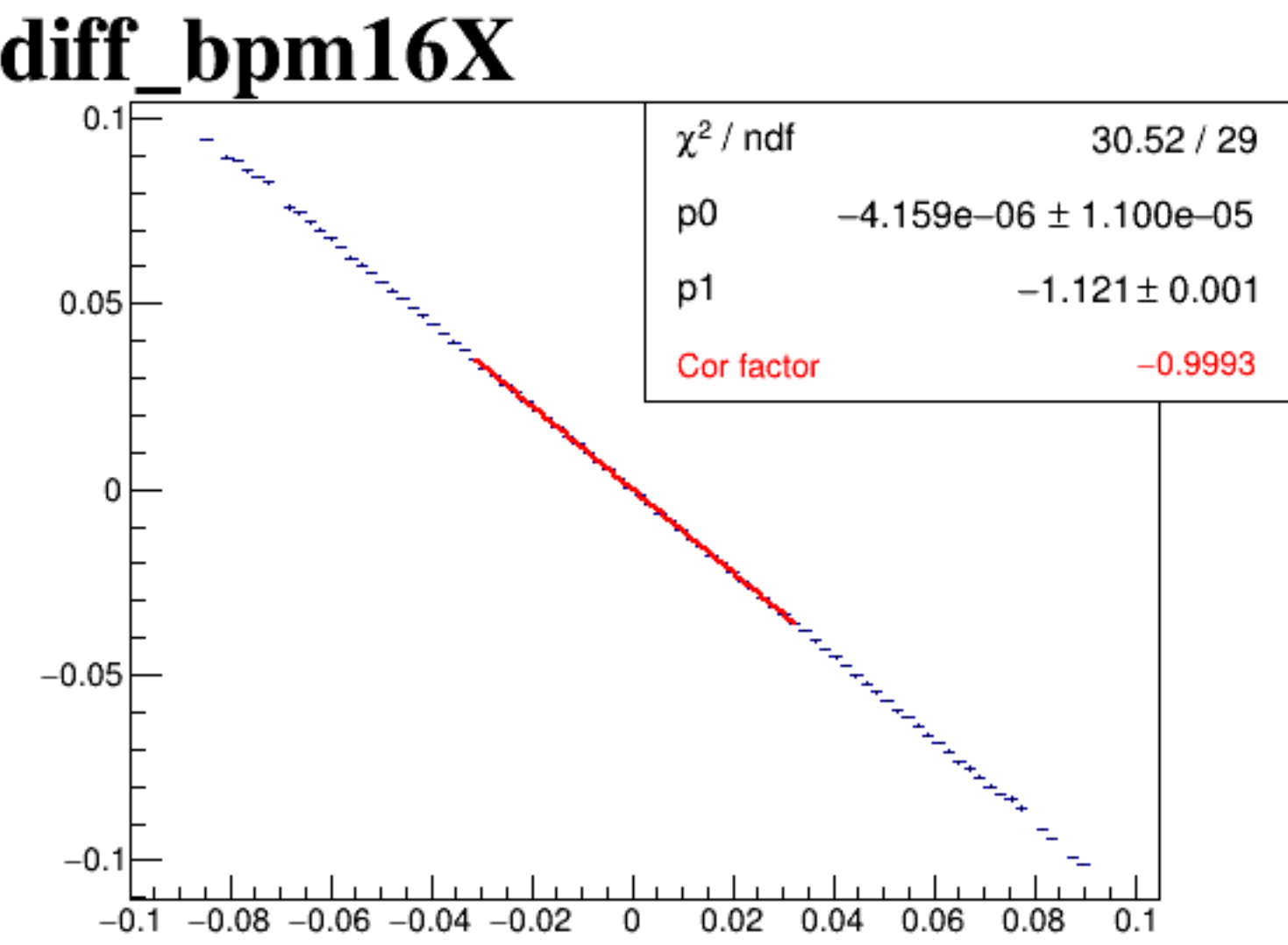
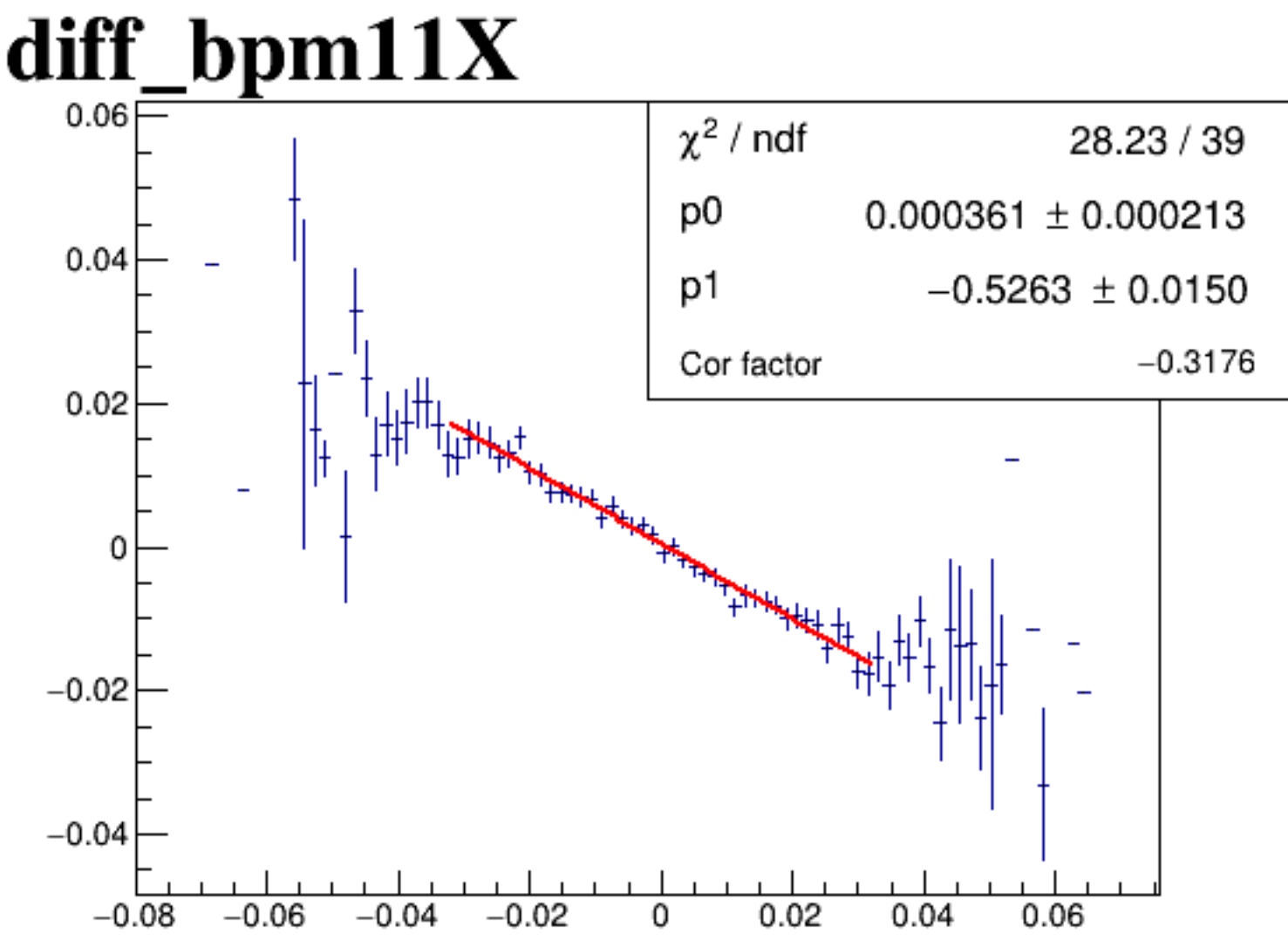
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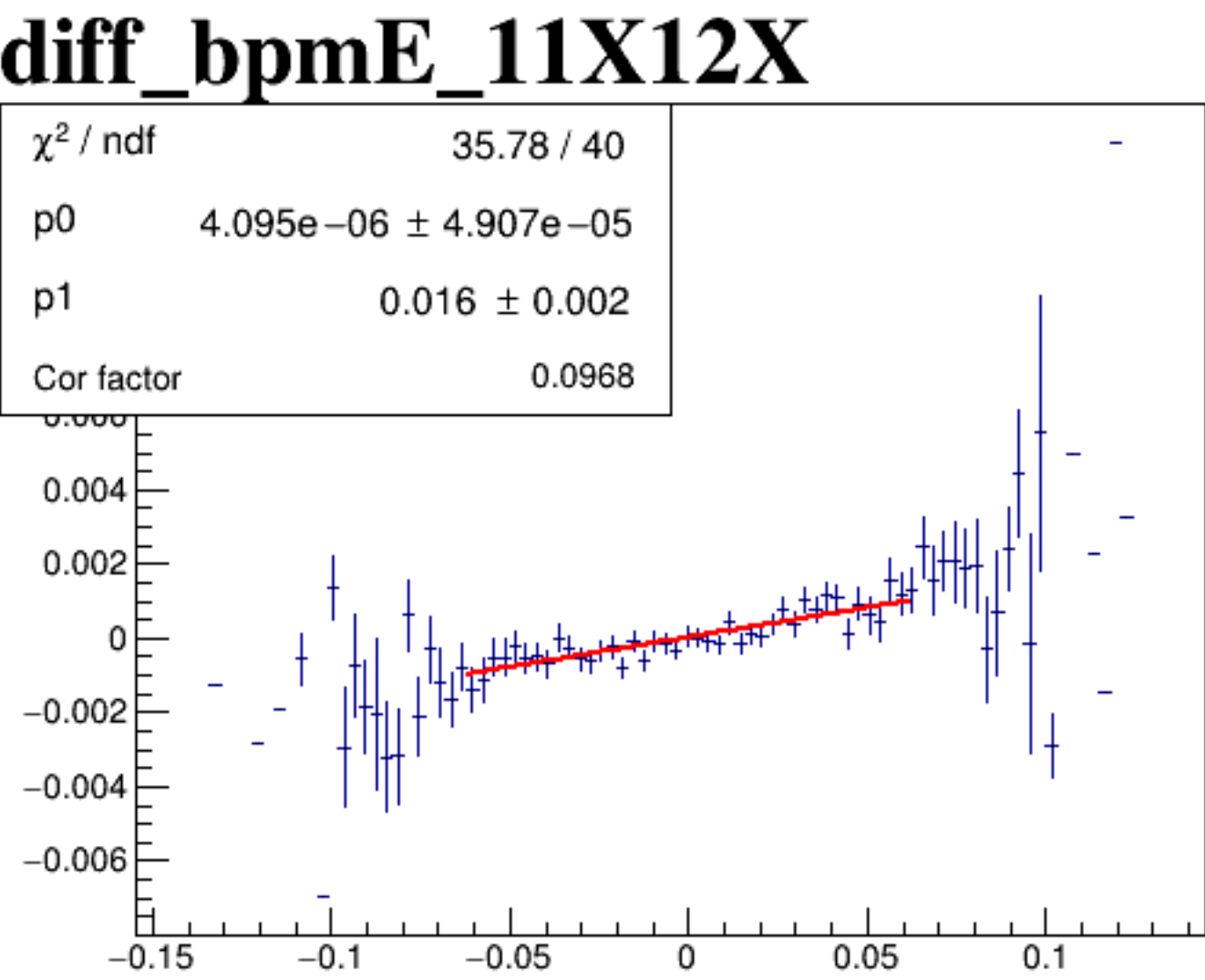
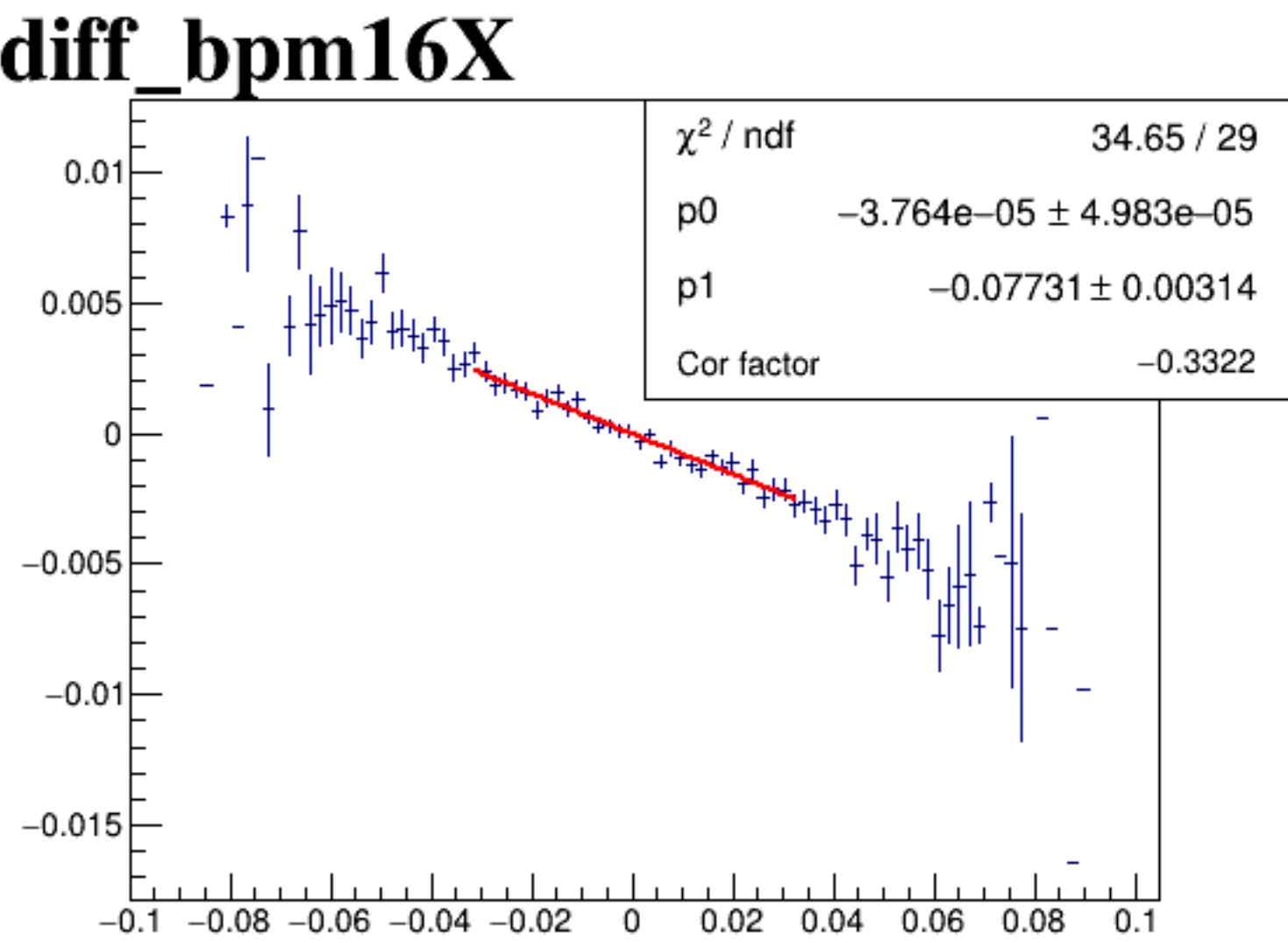
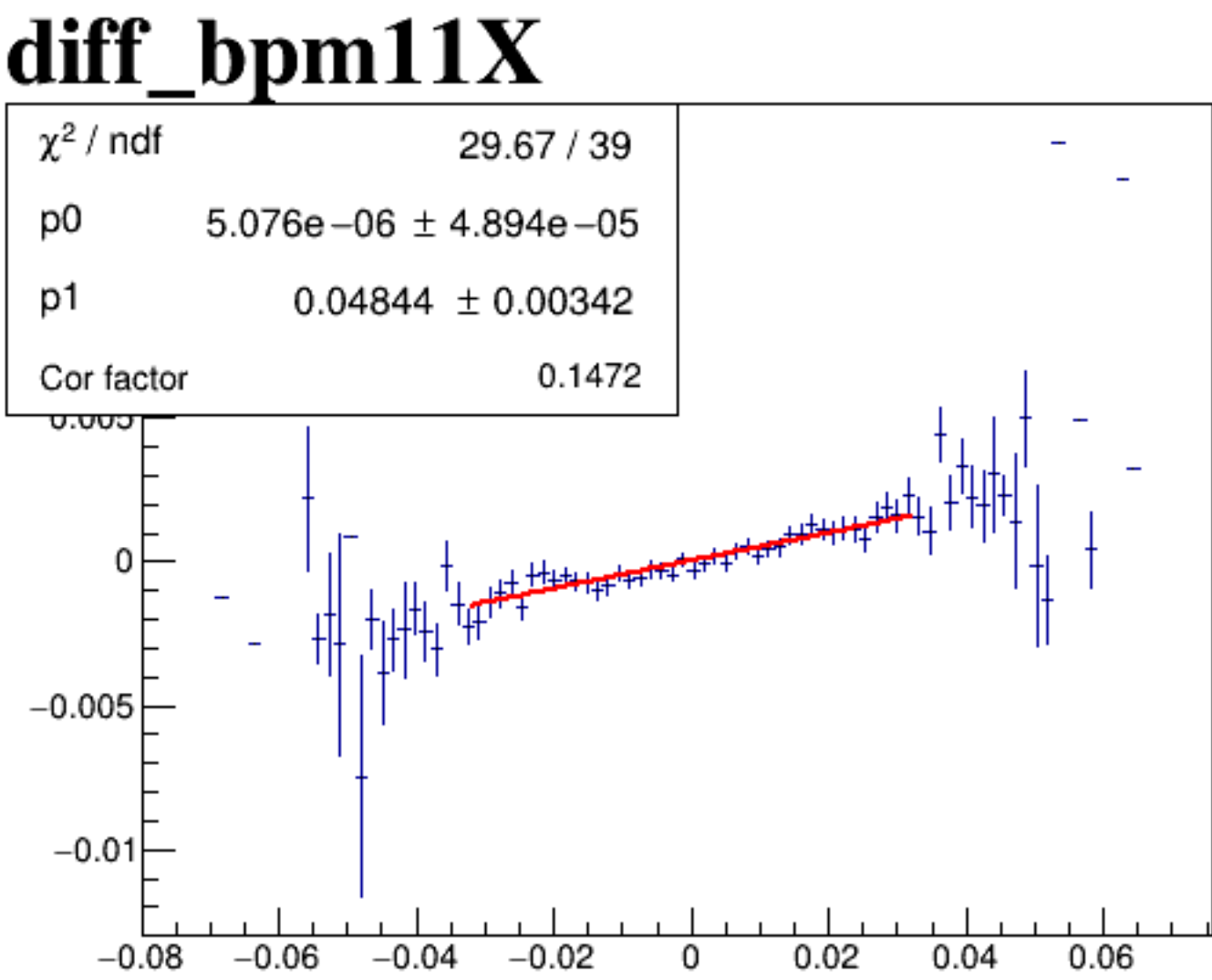
diff_bpm4aY



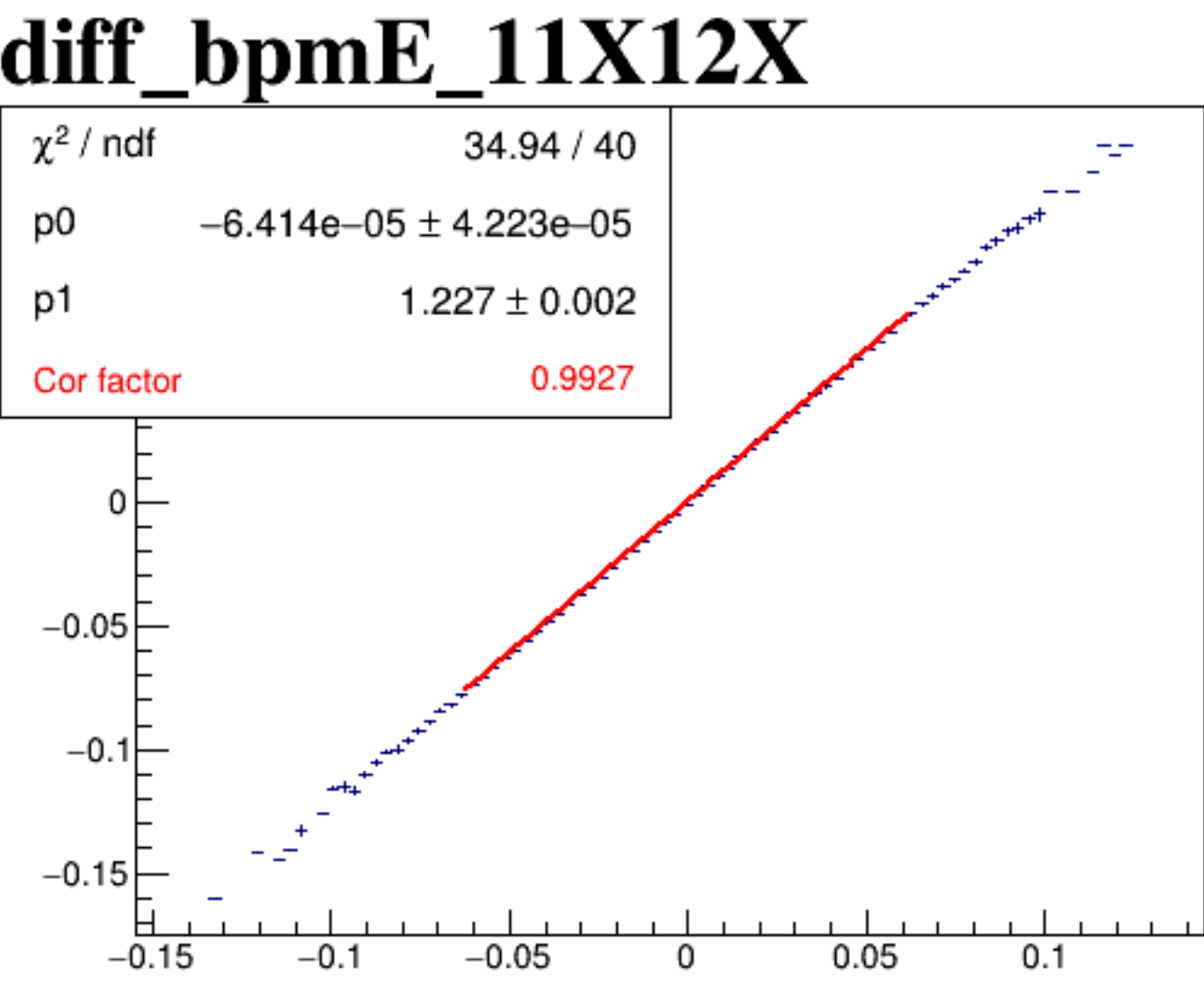
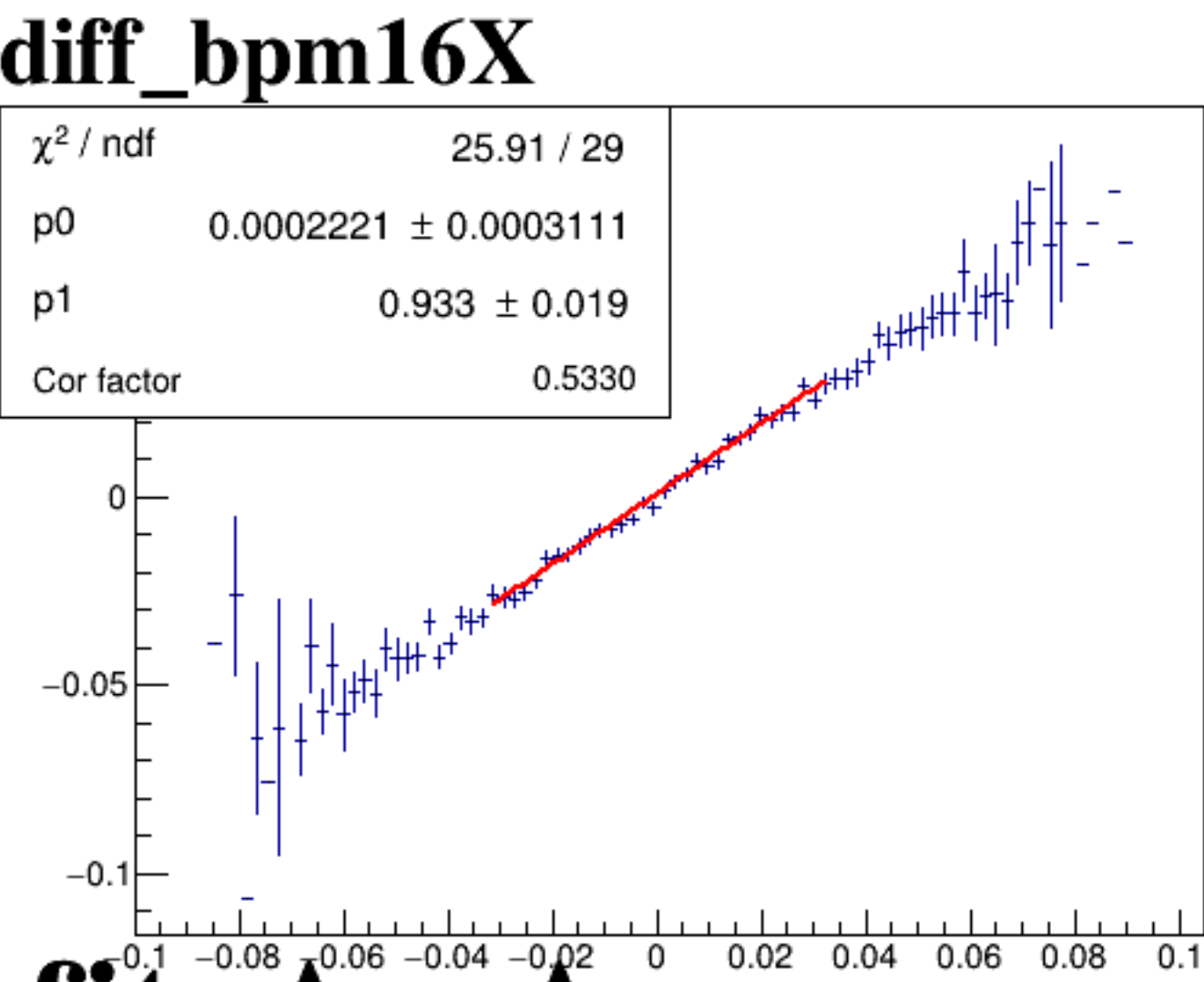
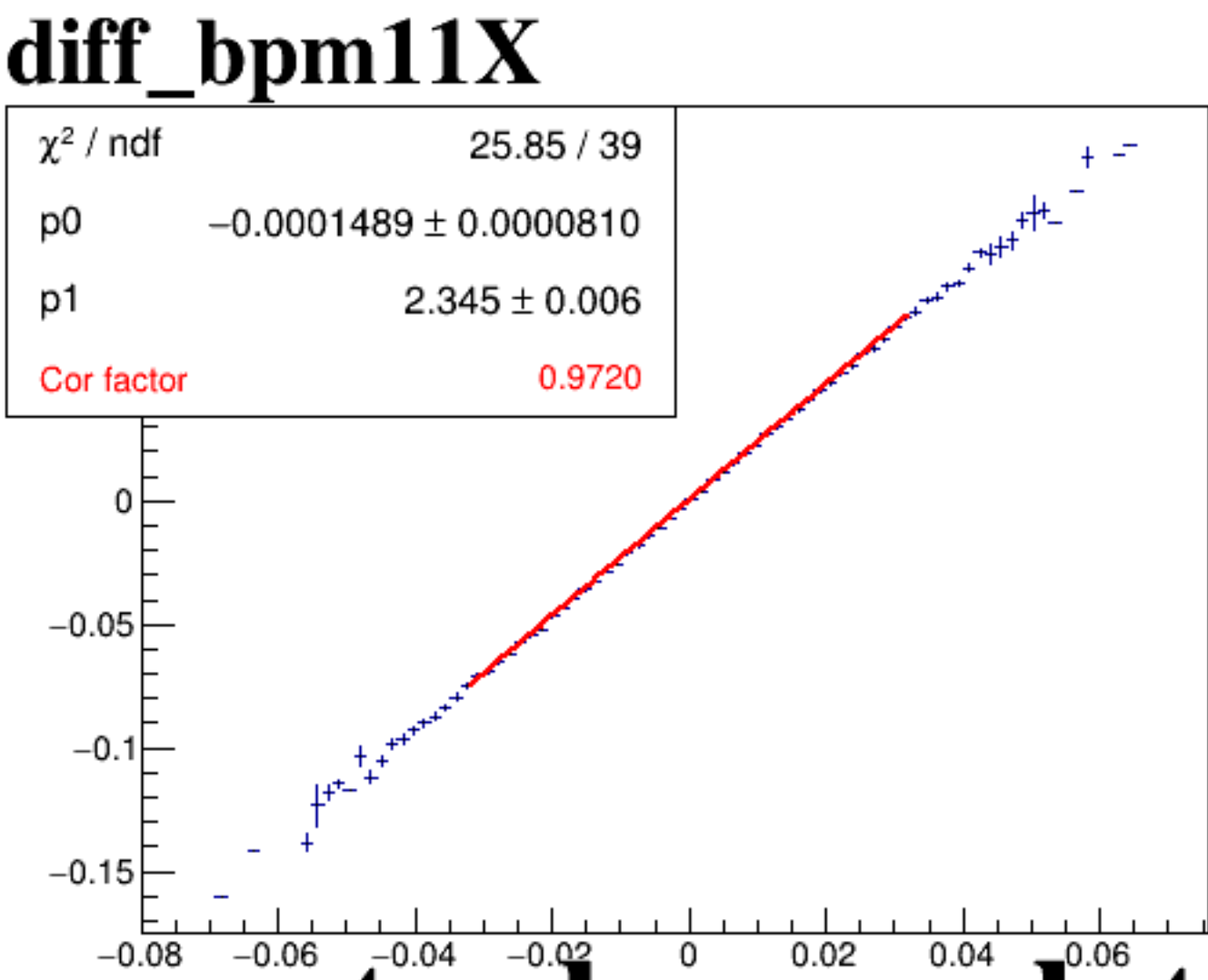
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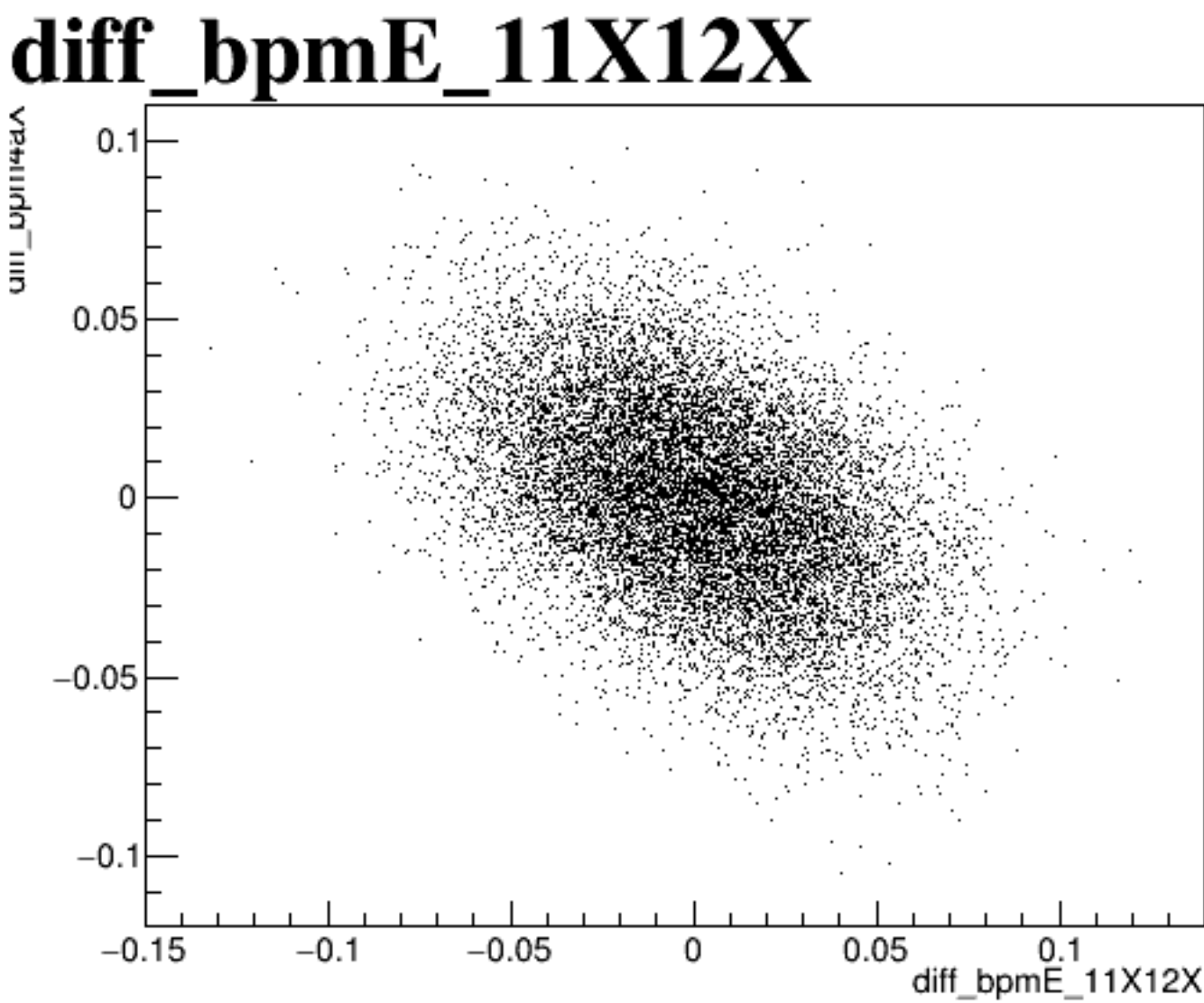
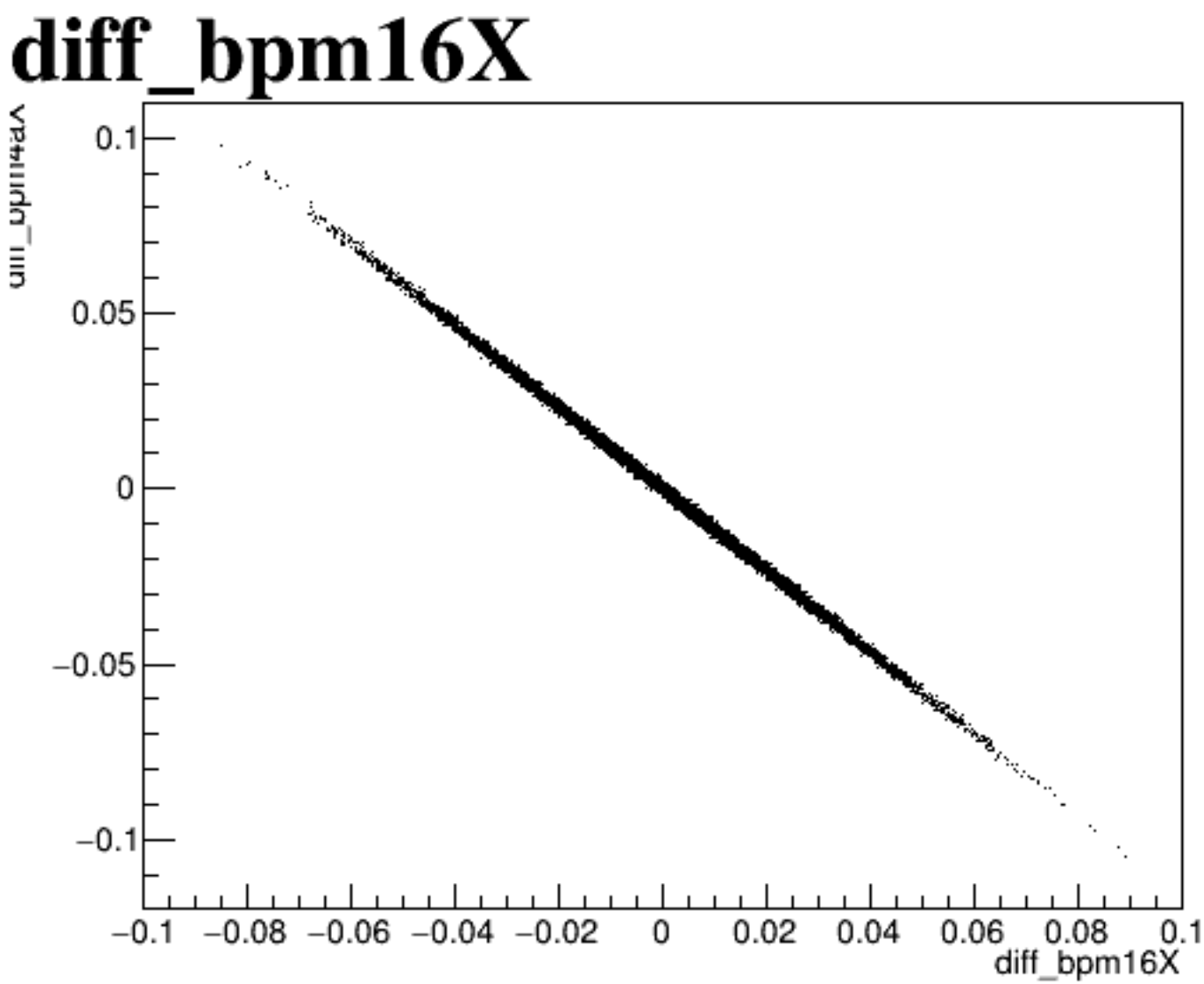
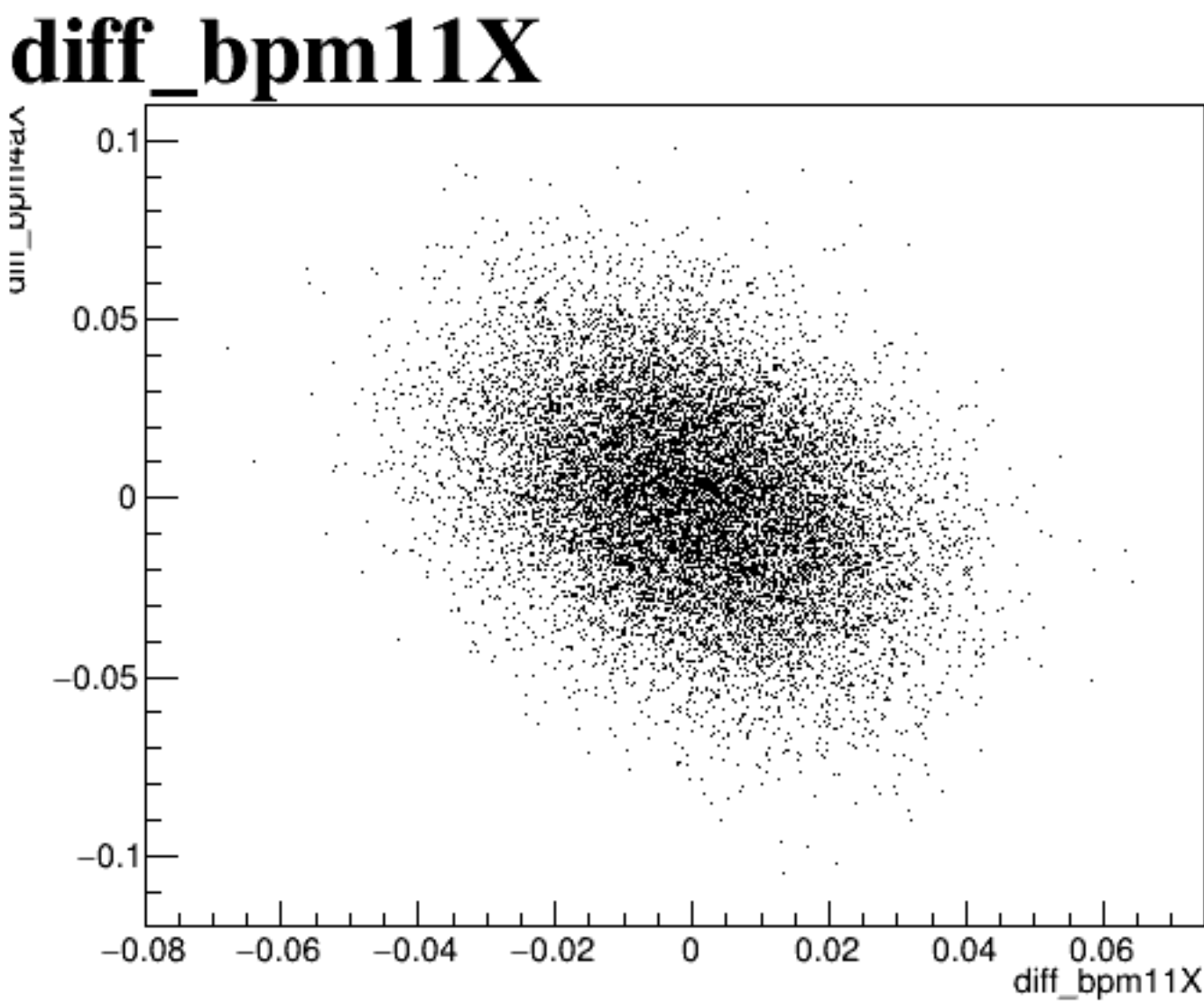
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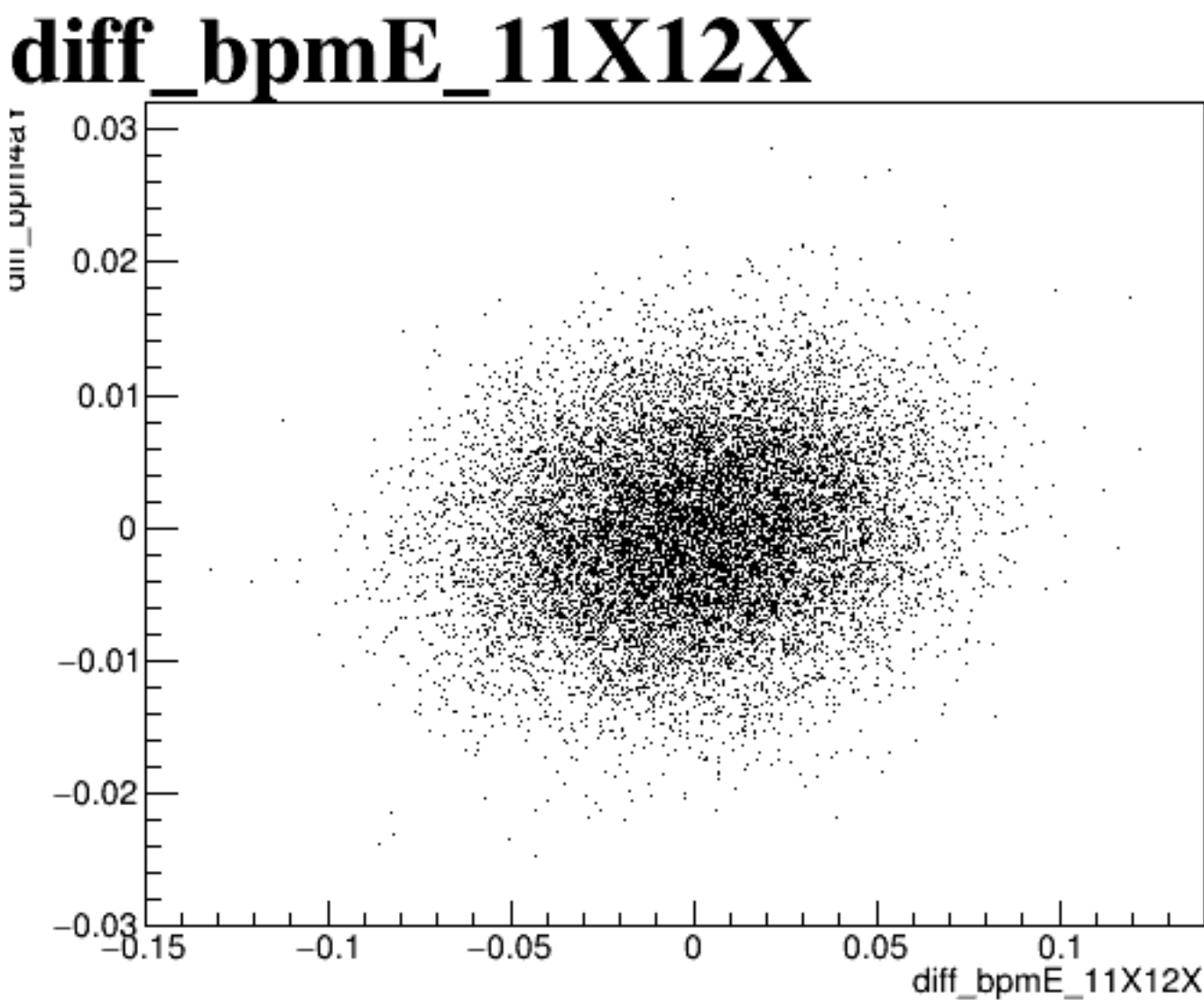
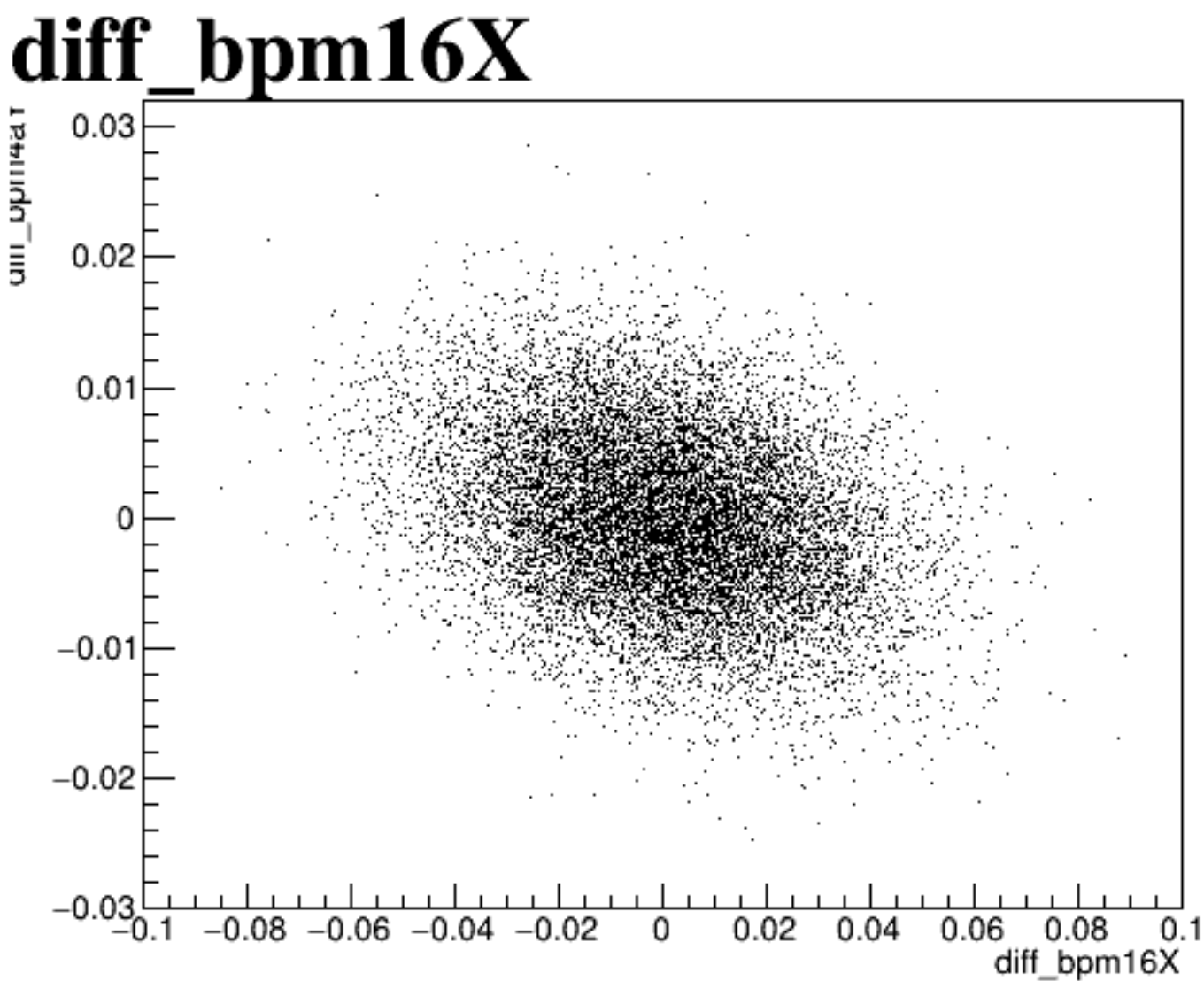
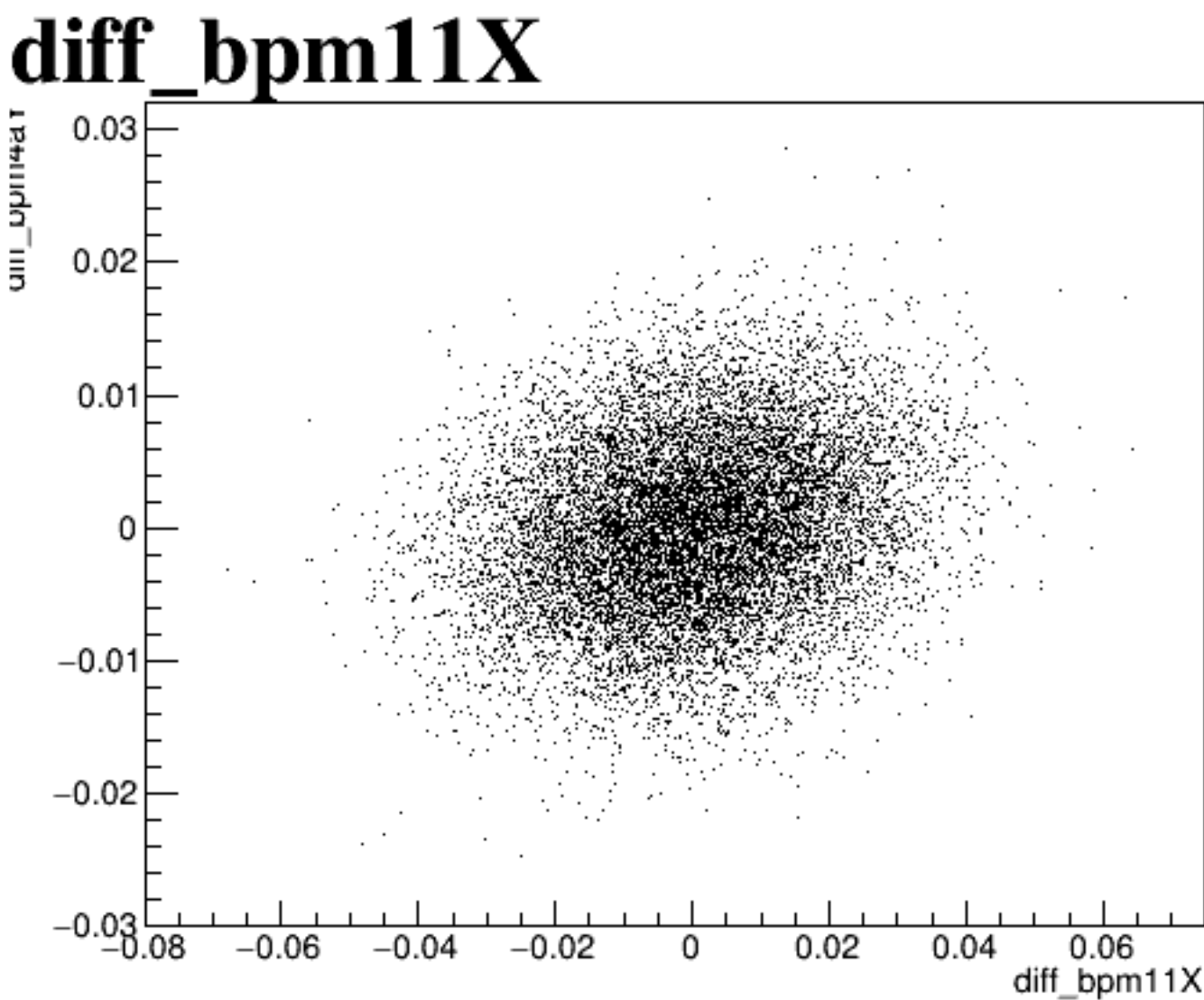
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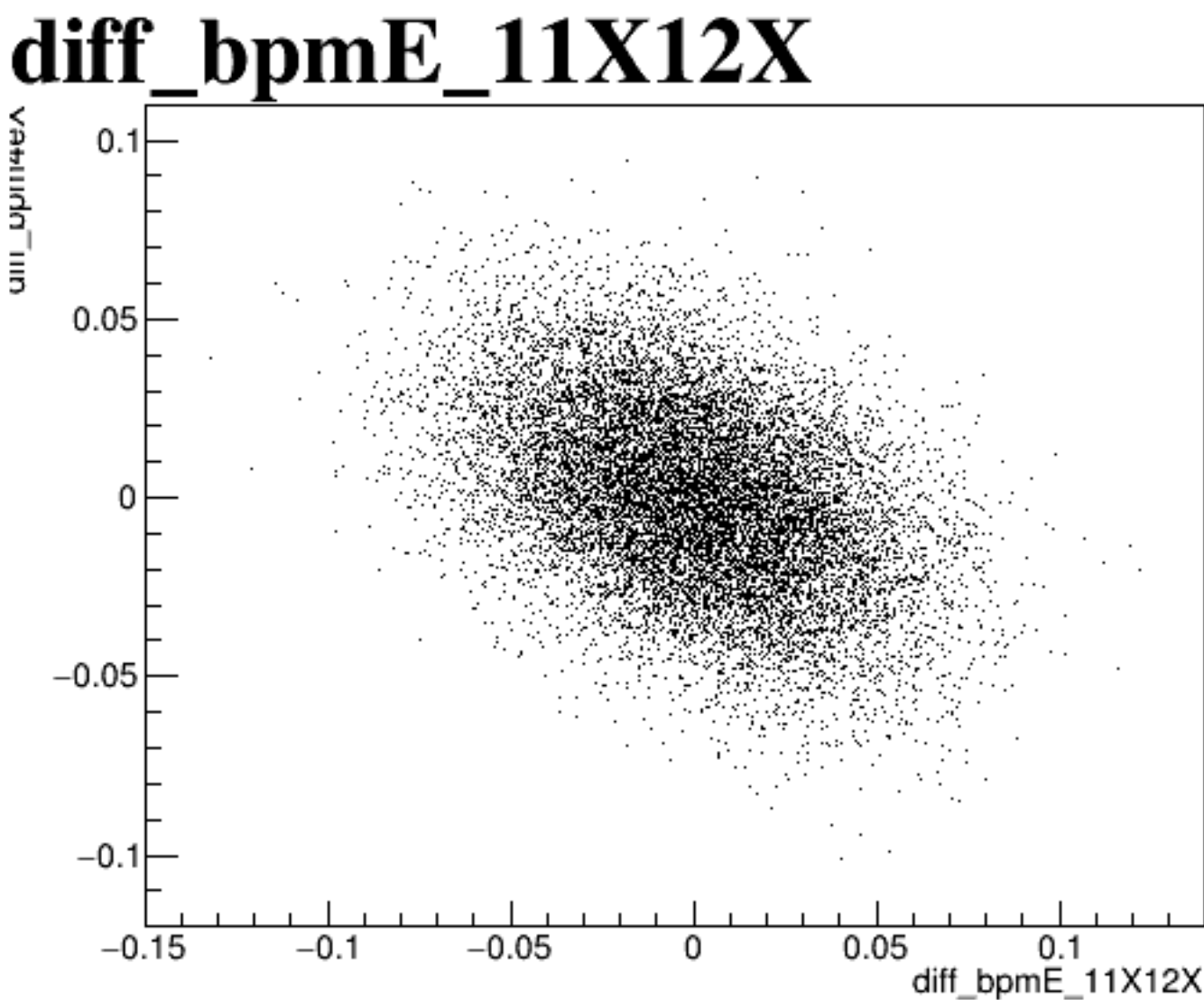
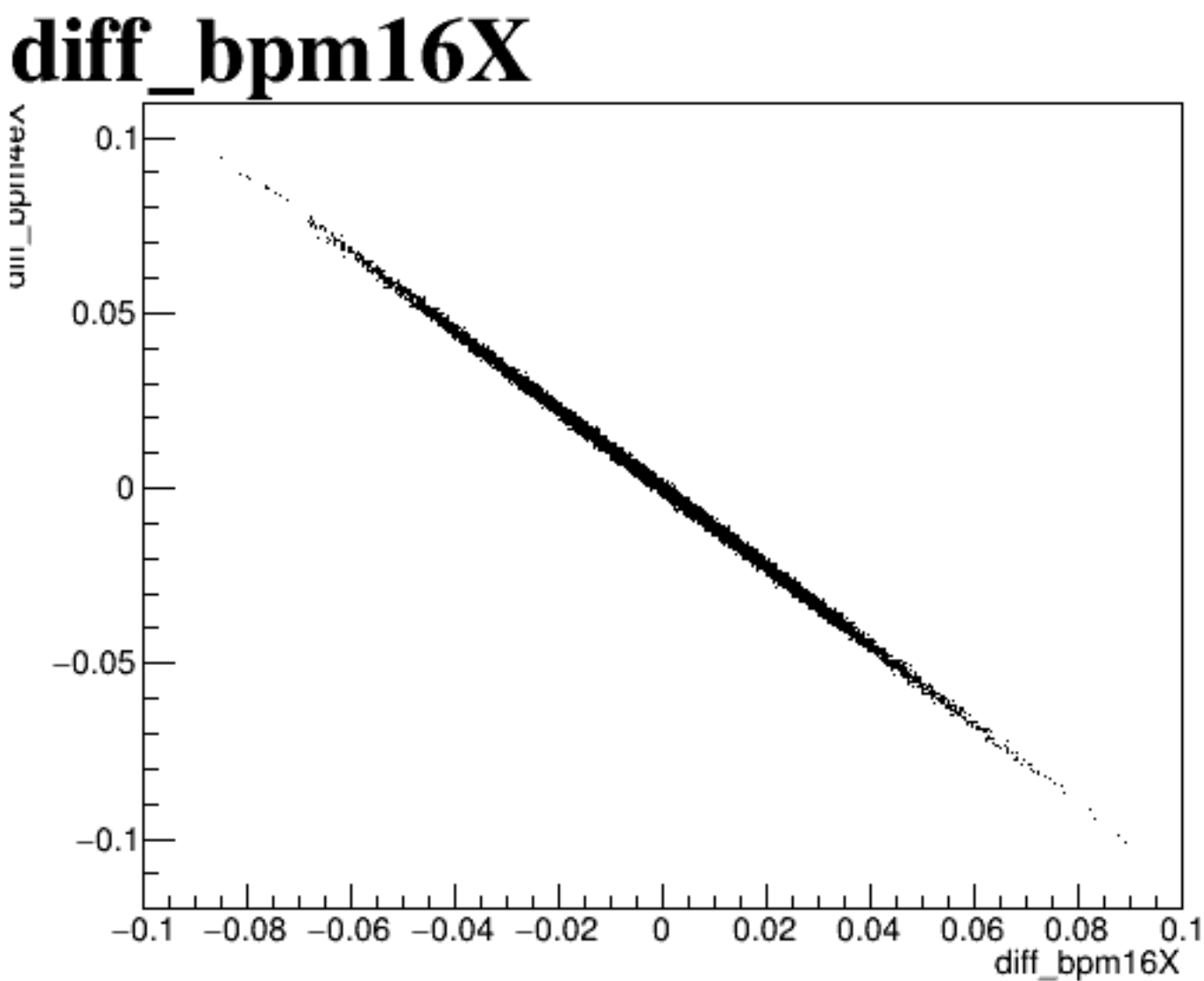
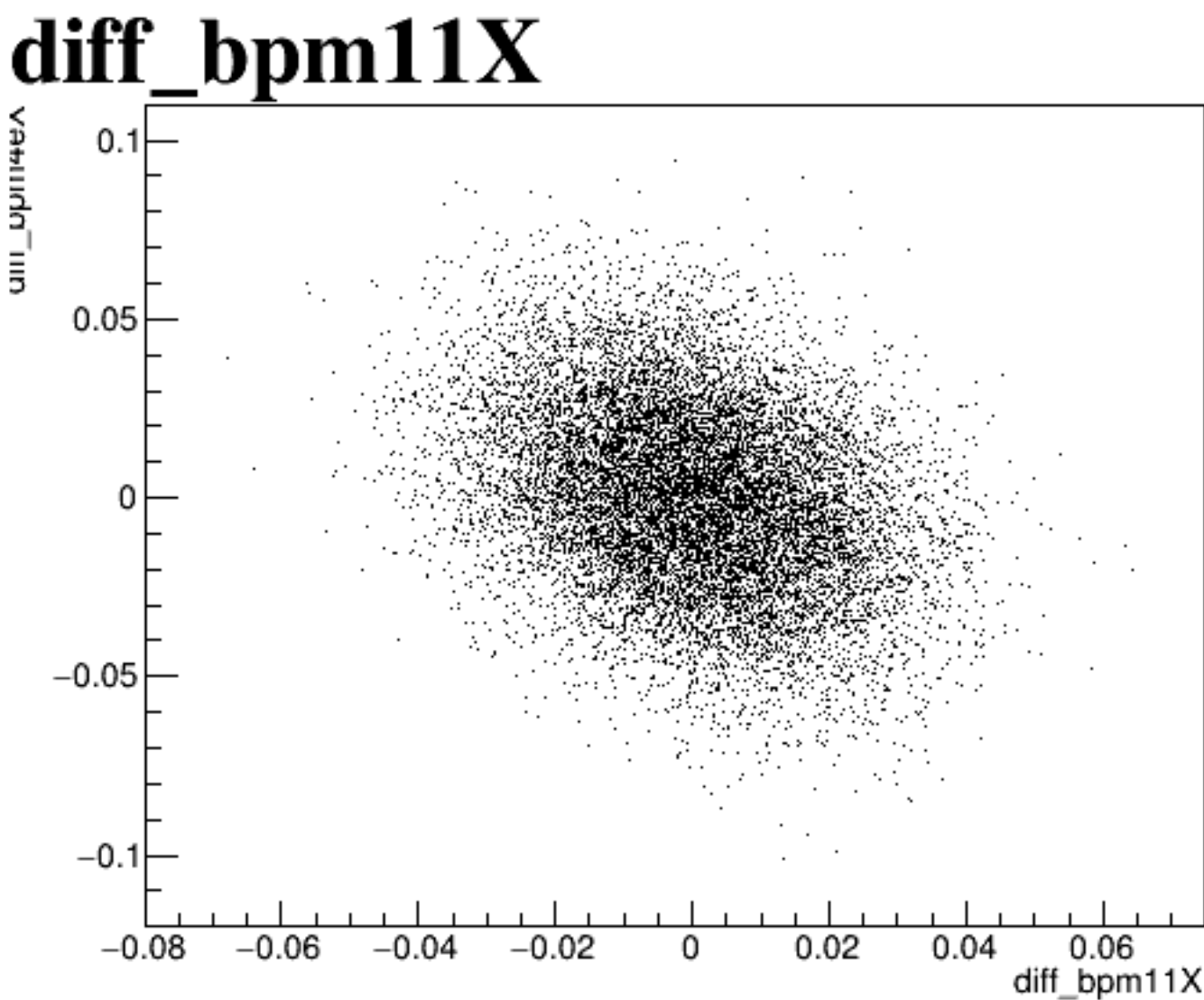
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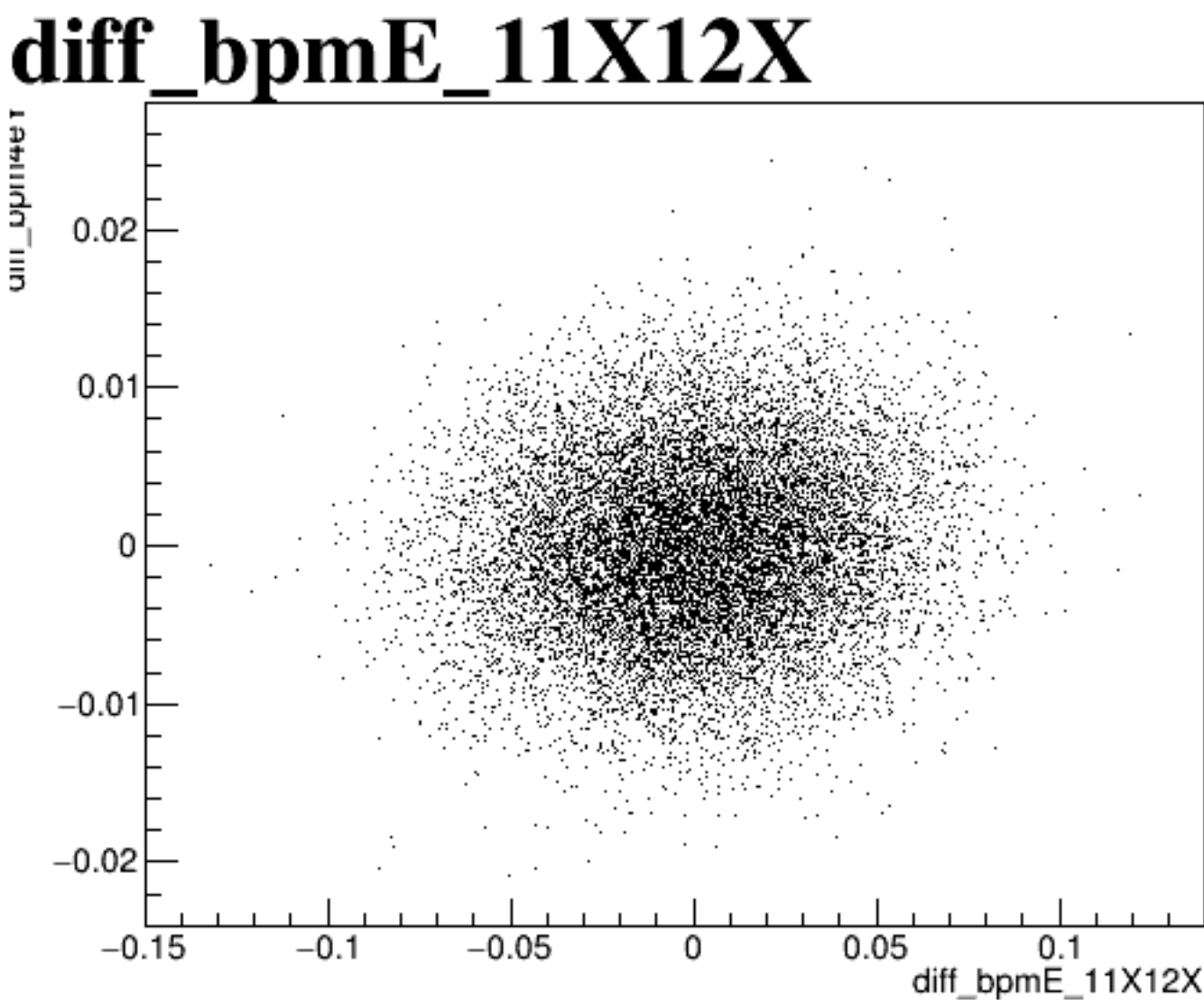
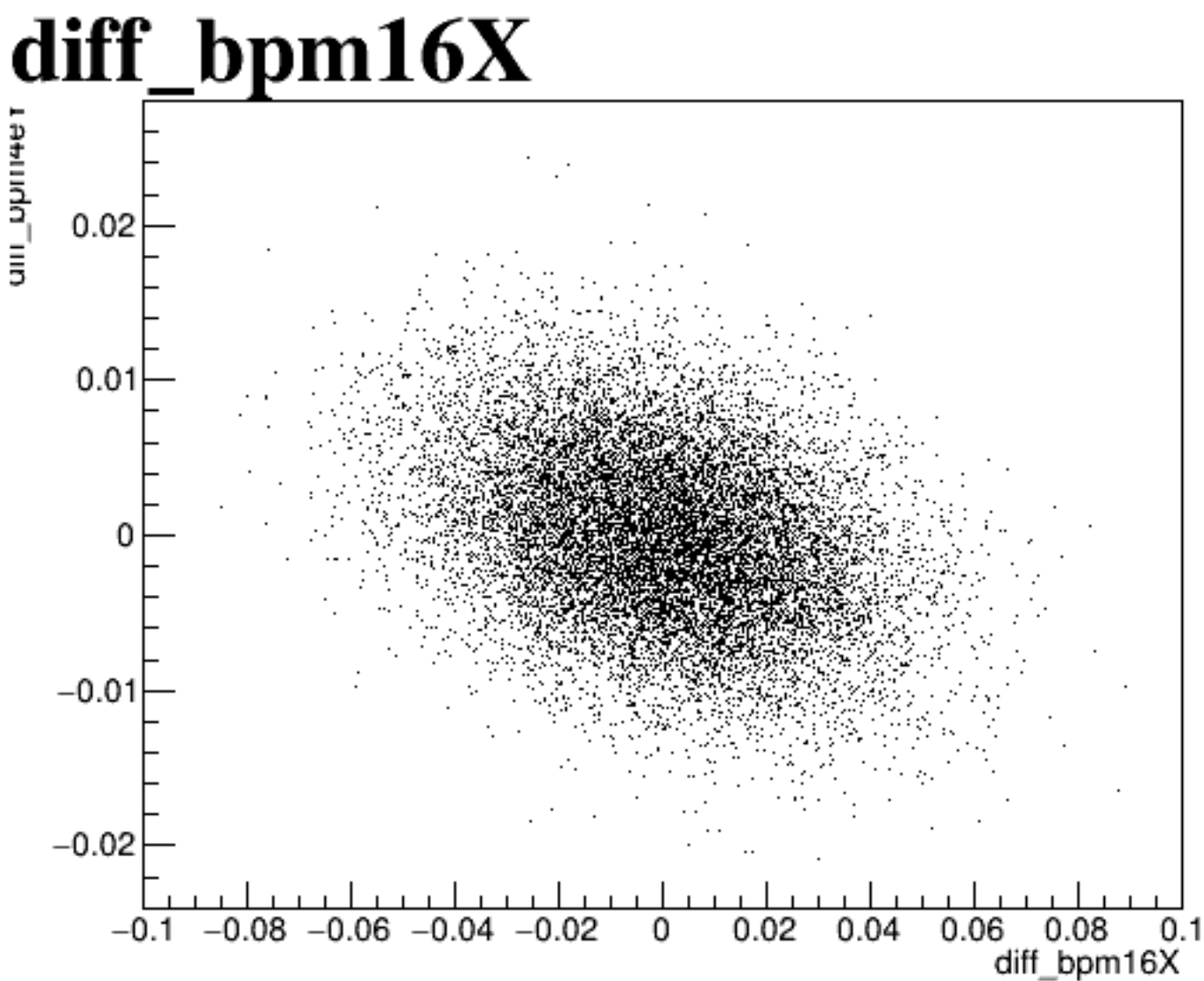
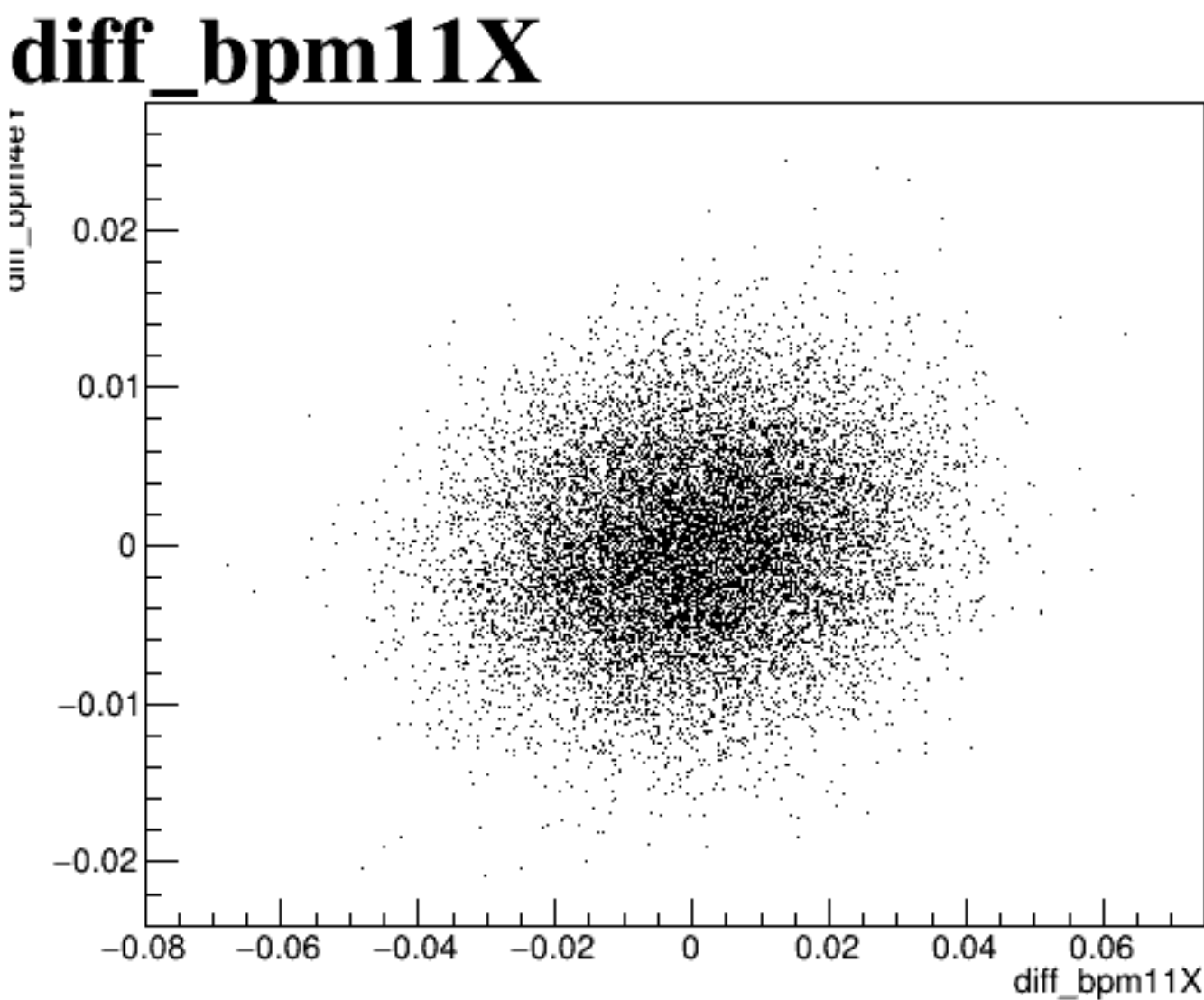
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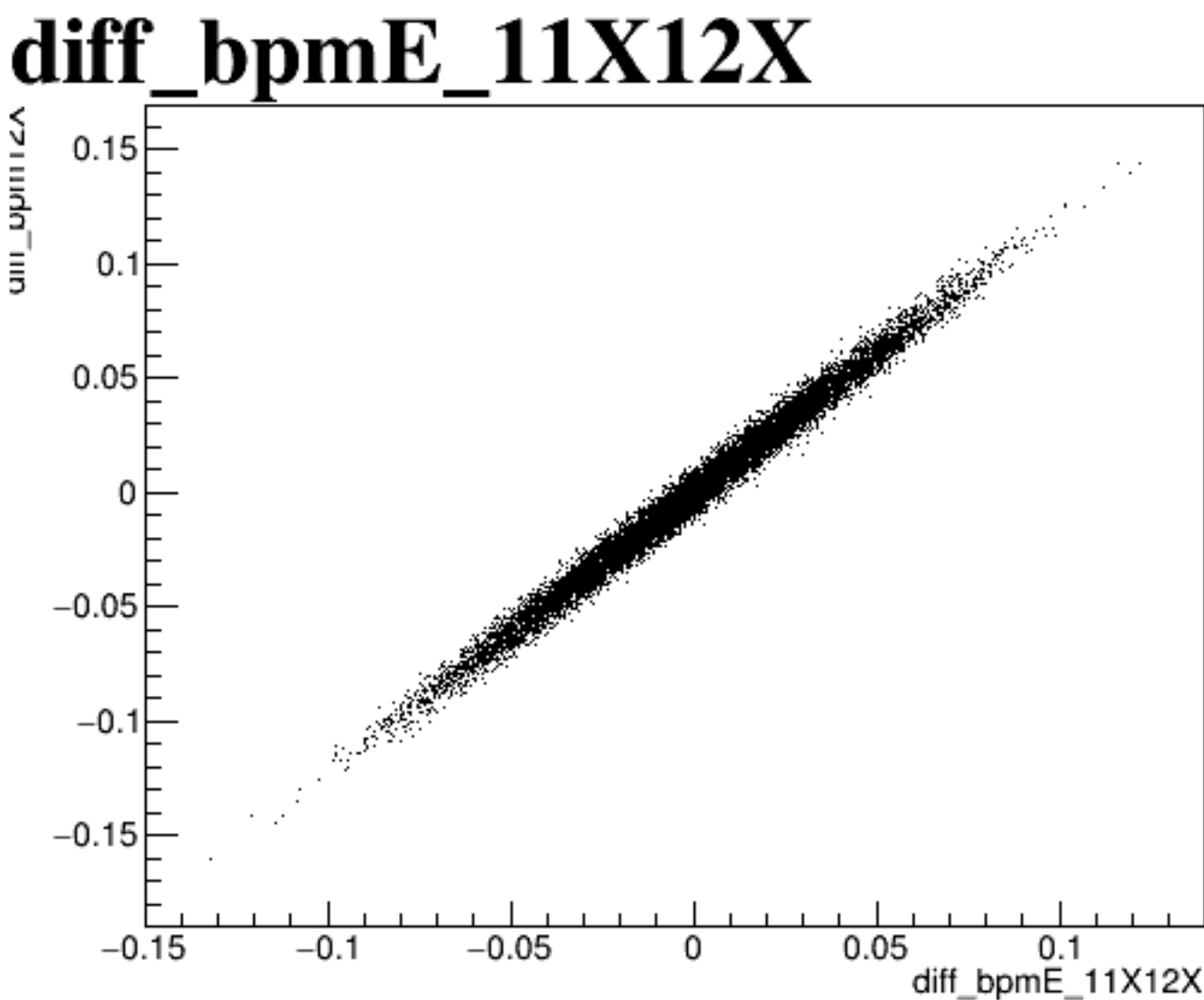
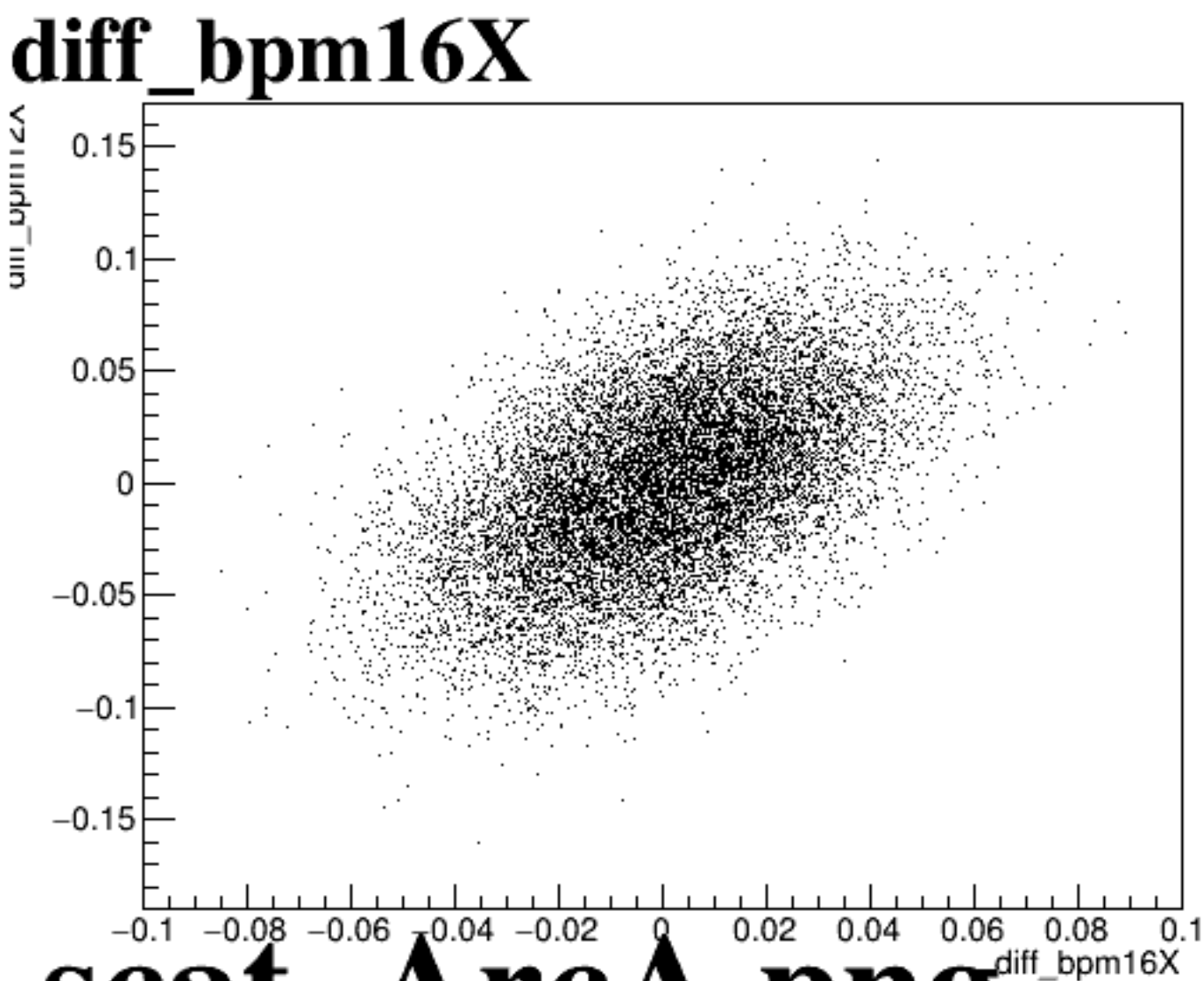
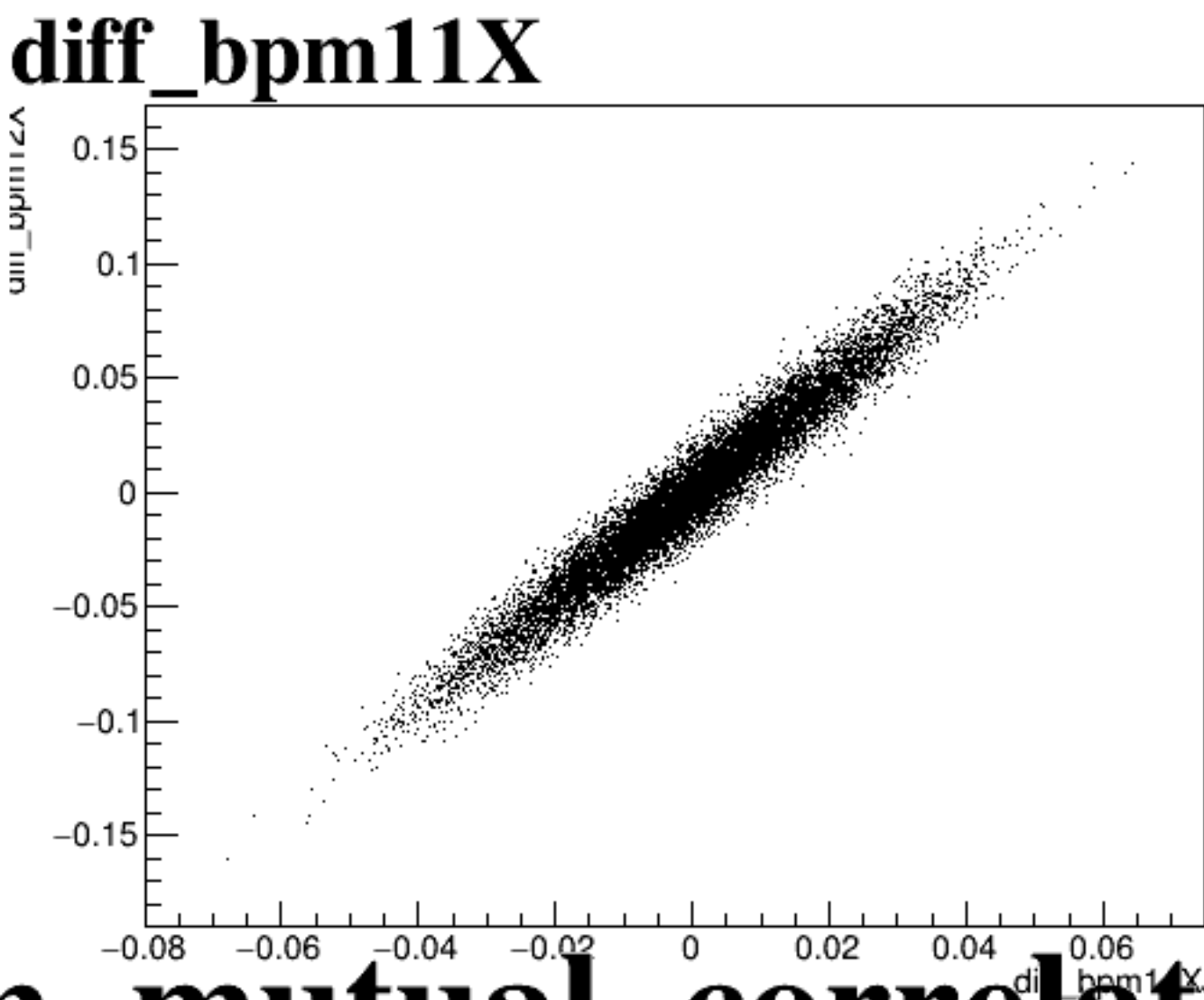
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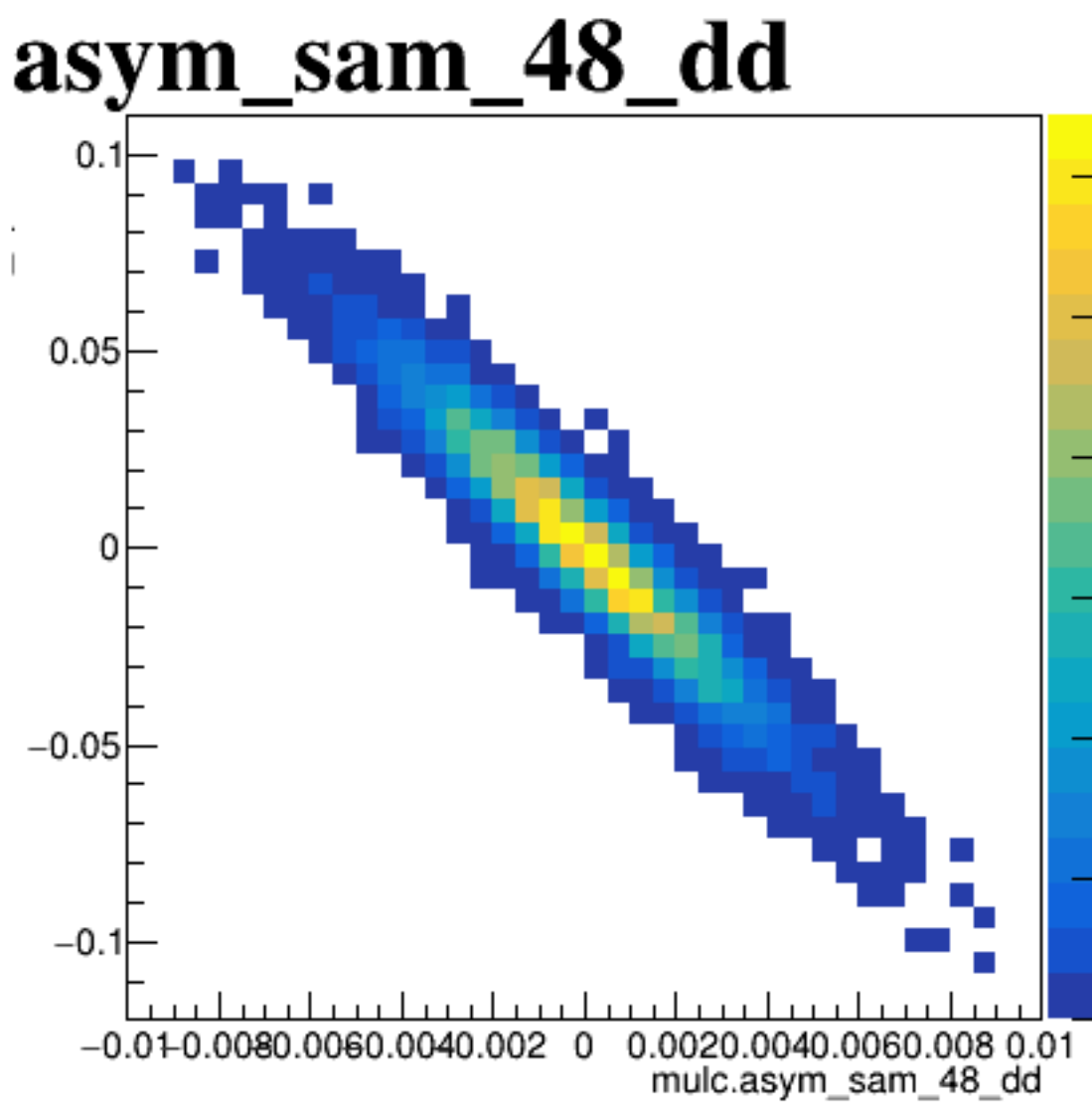
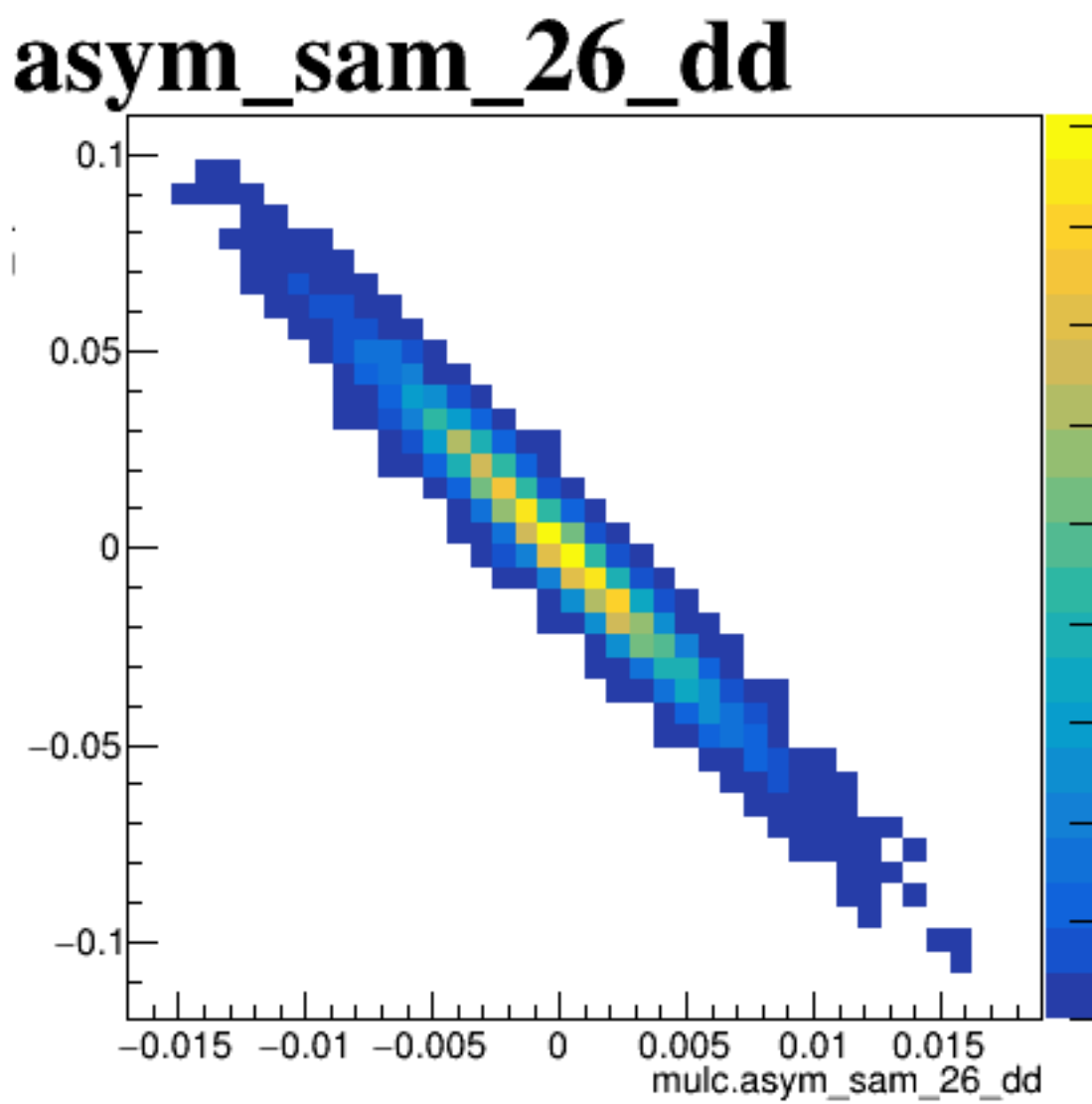
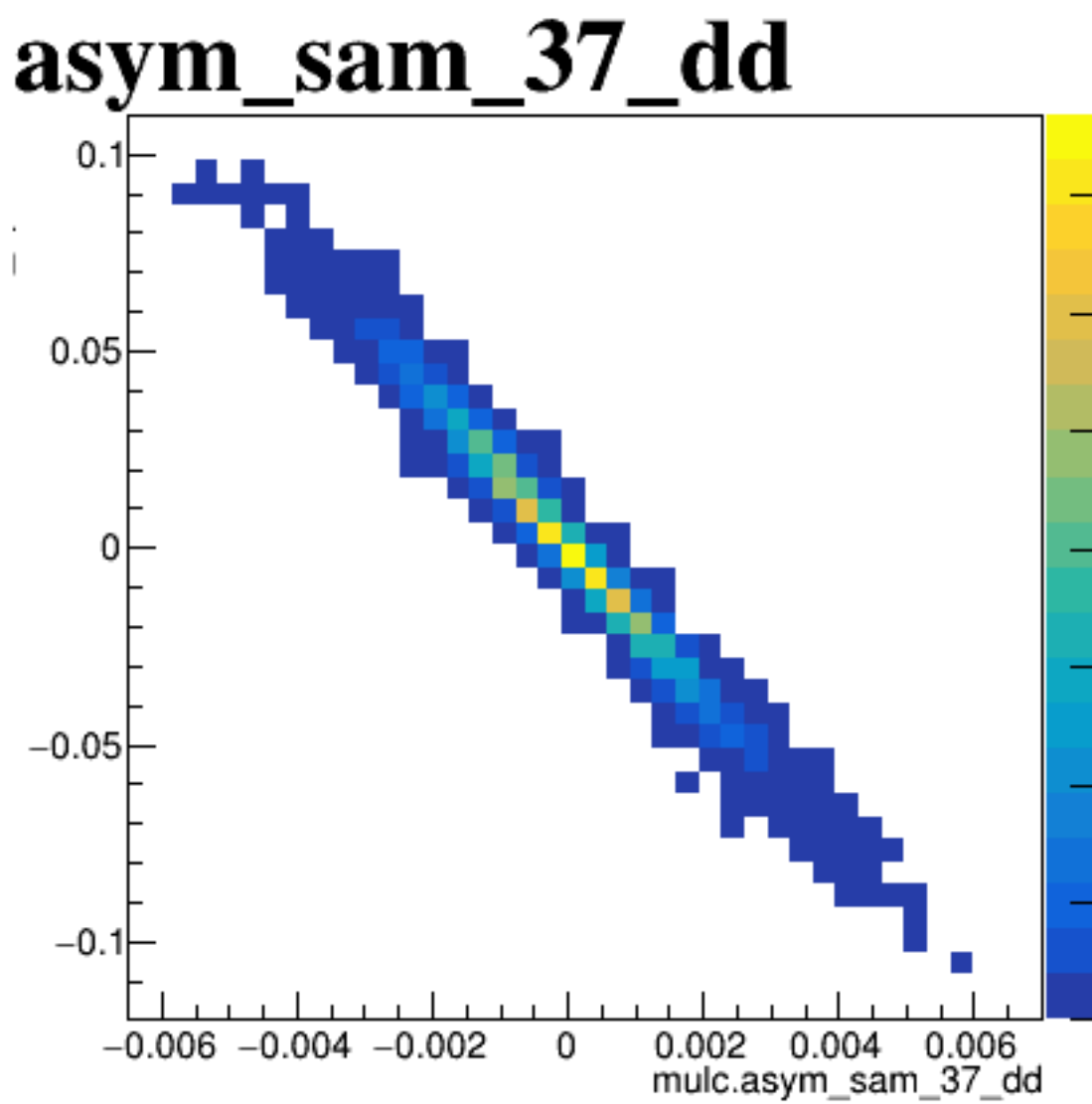
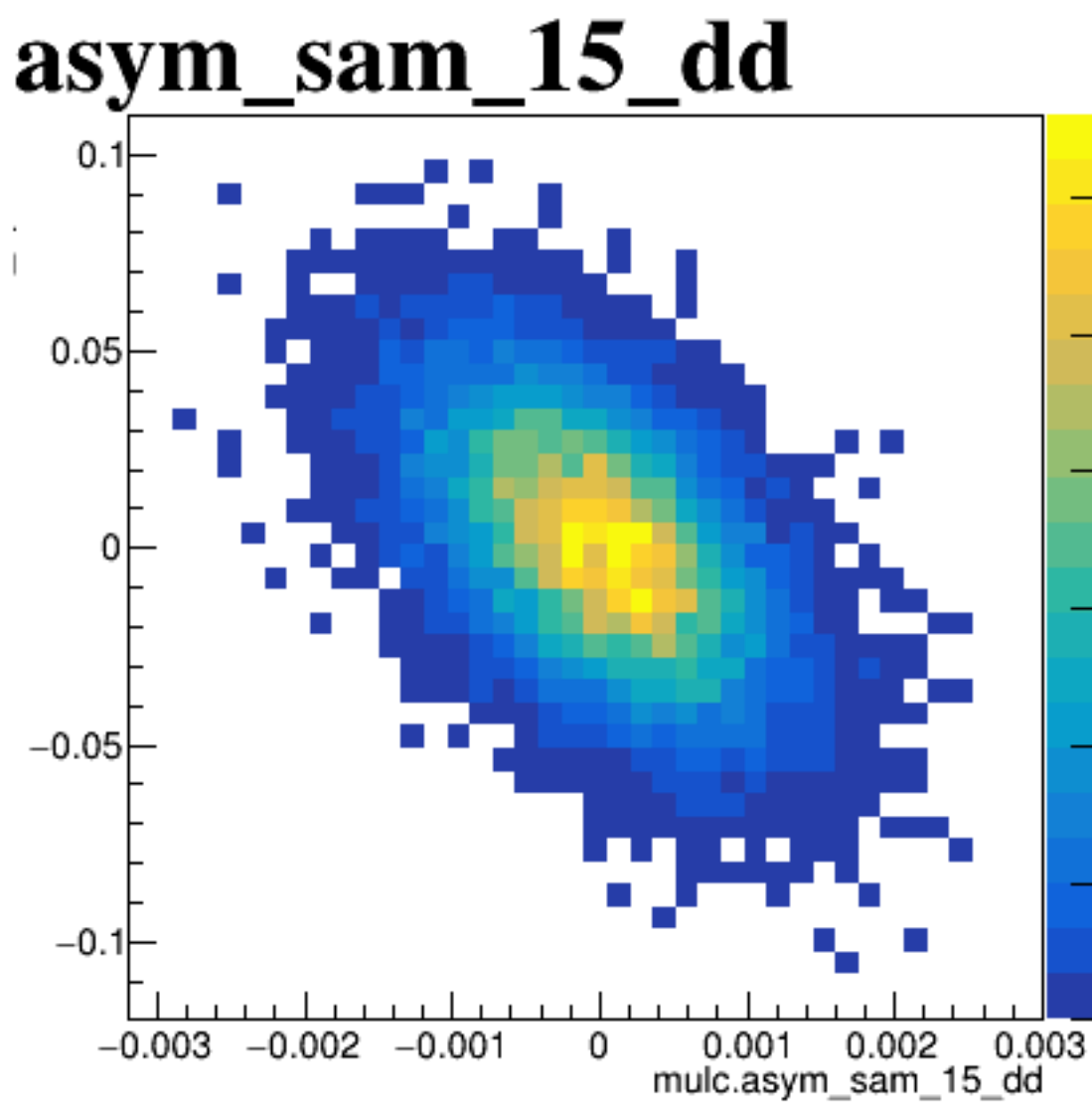
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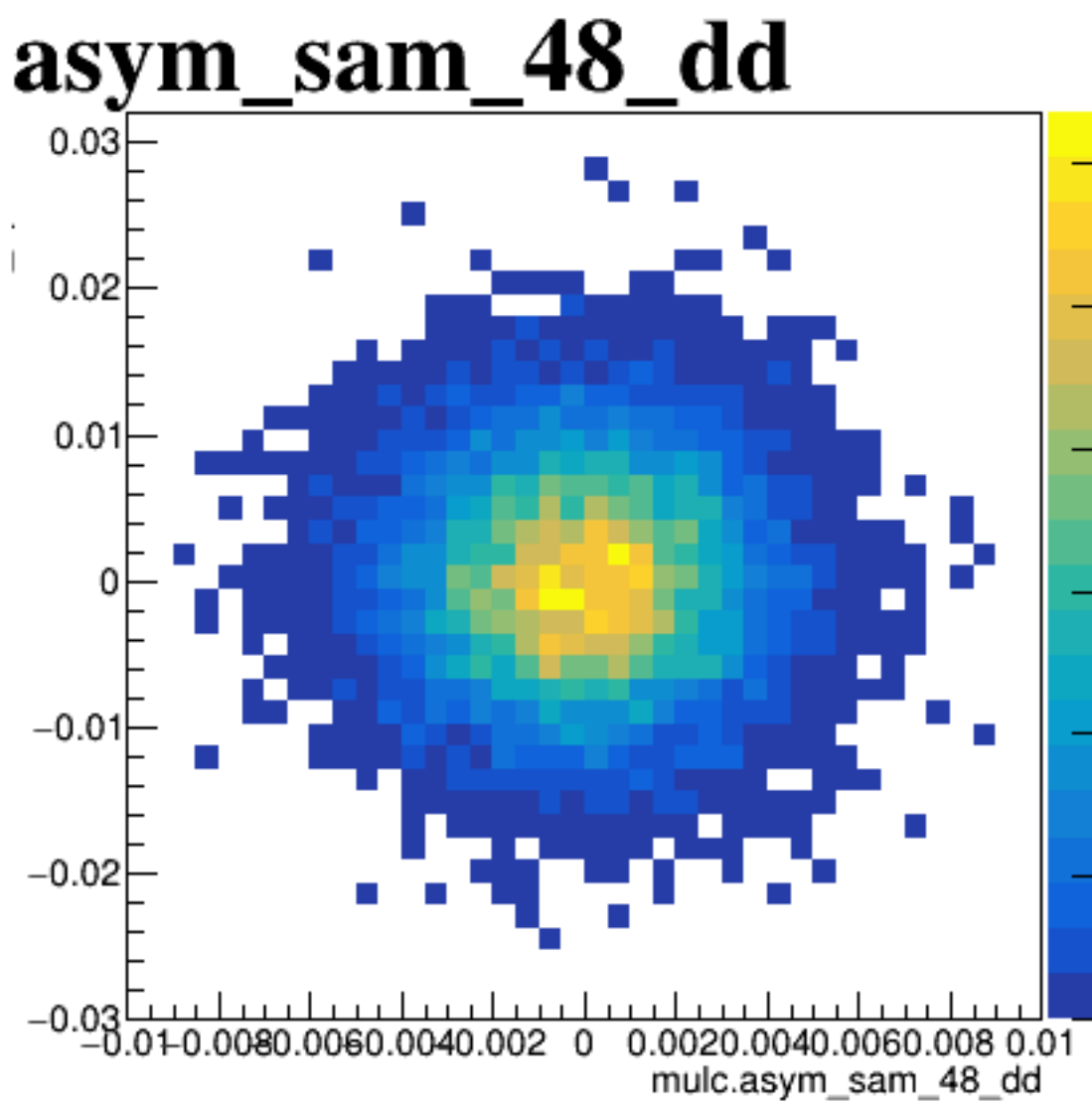
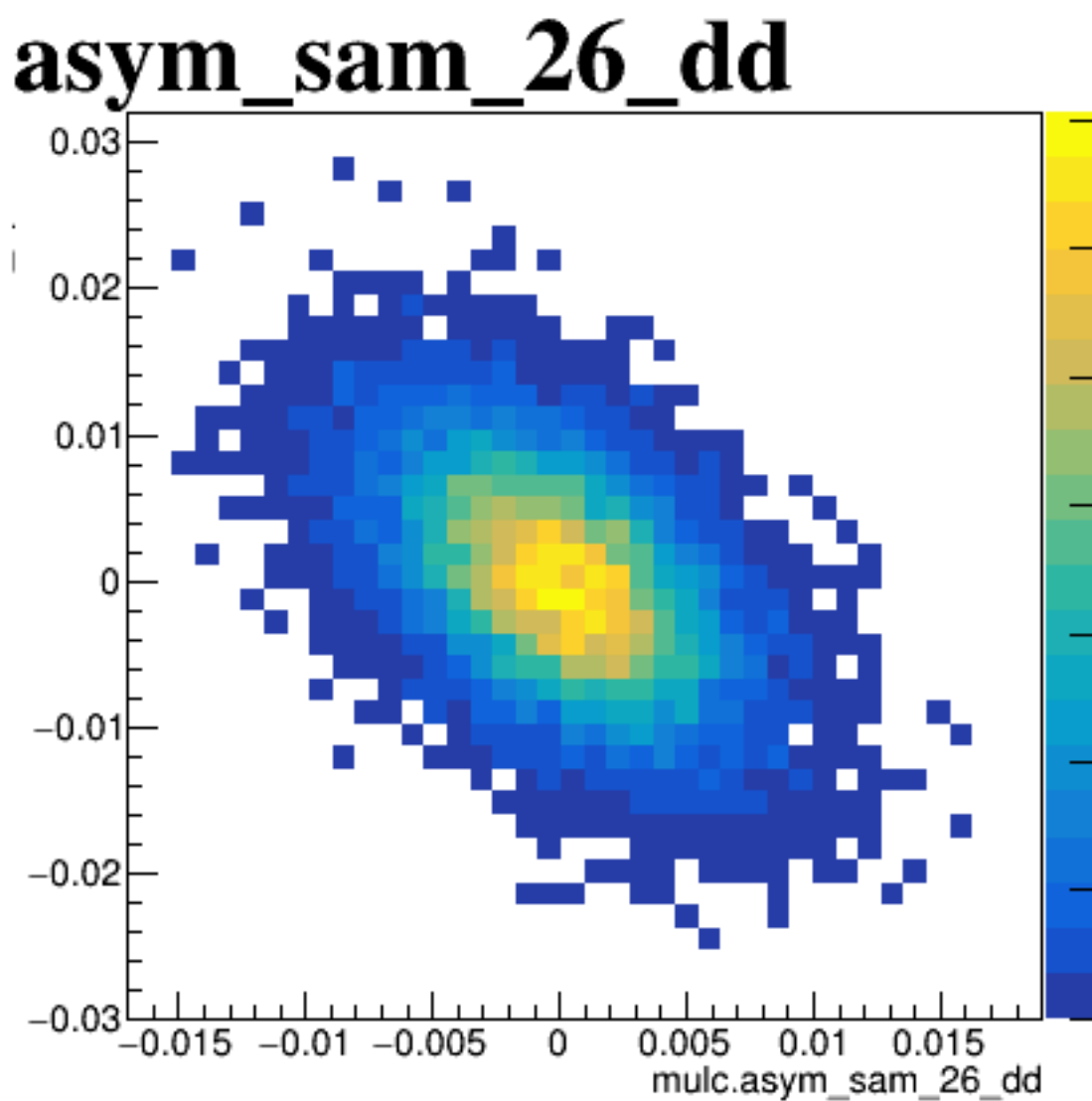
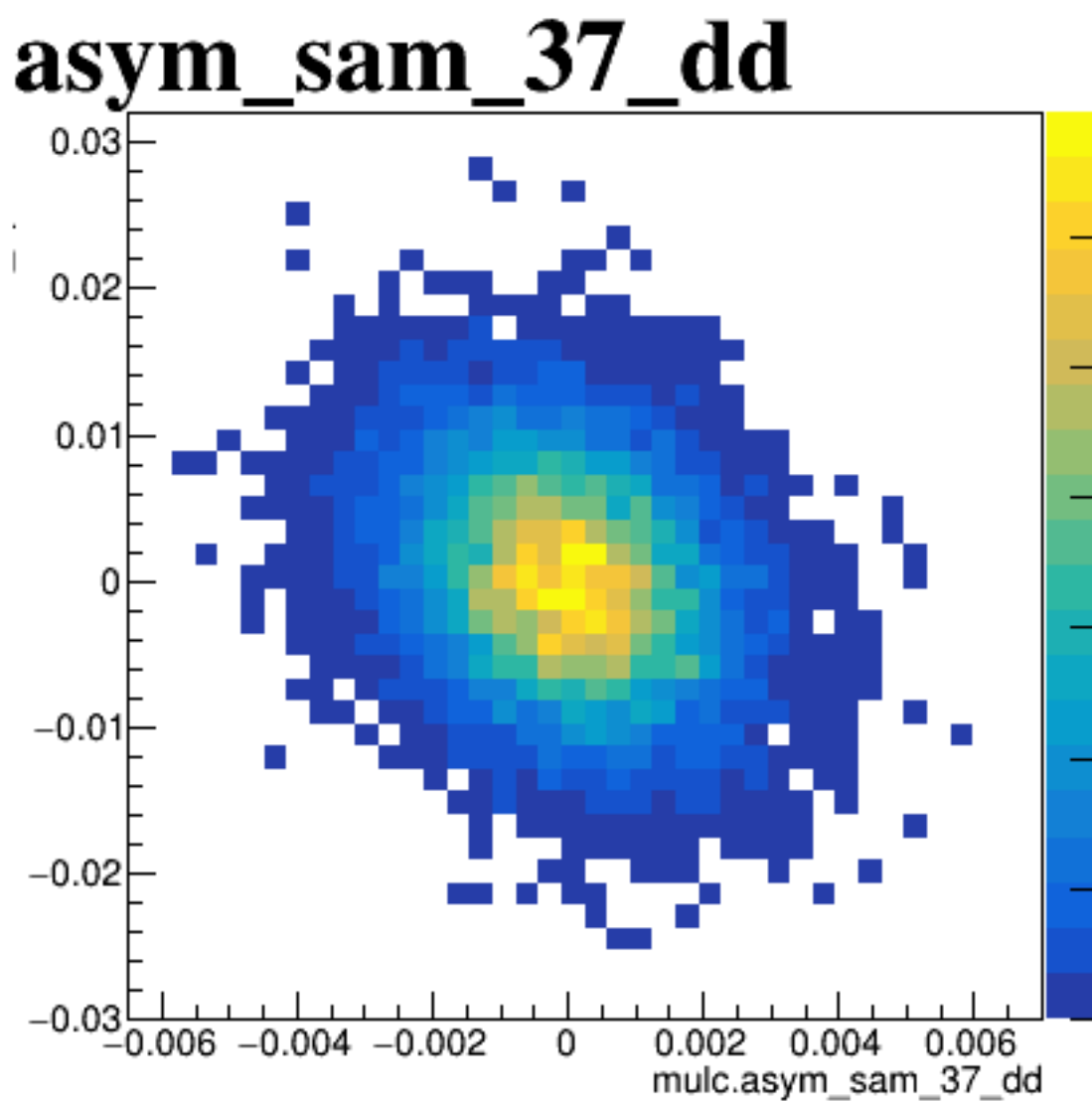
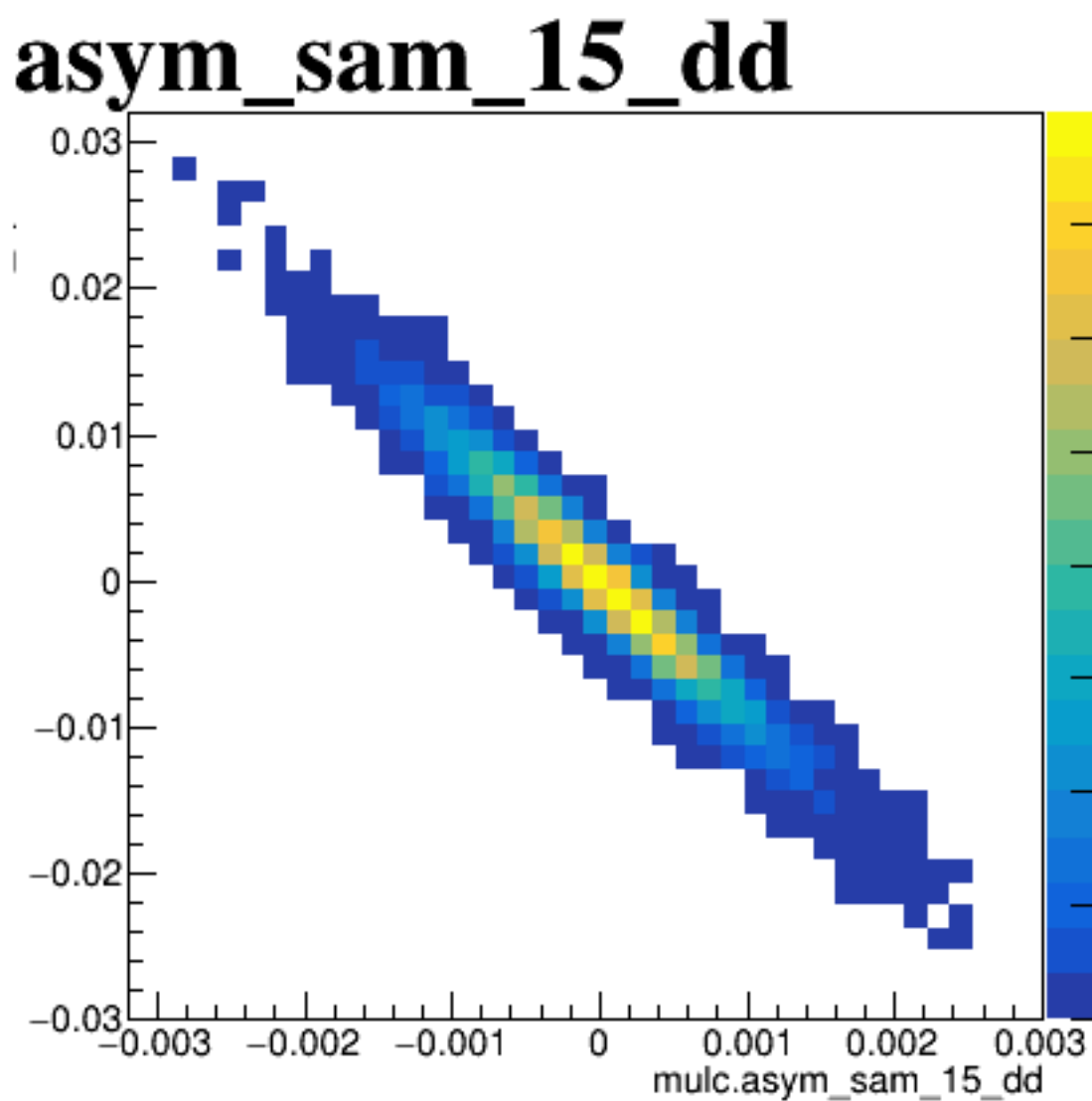
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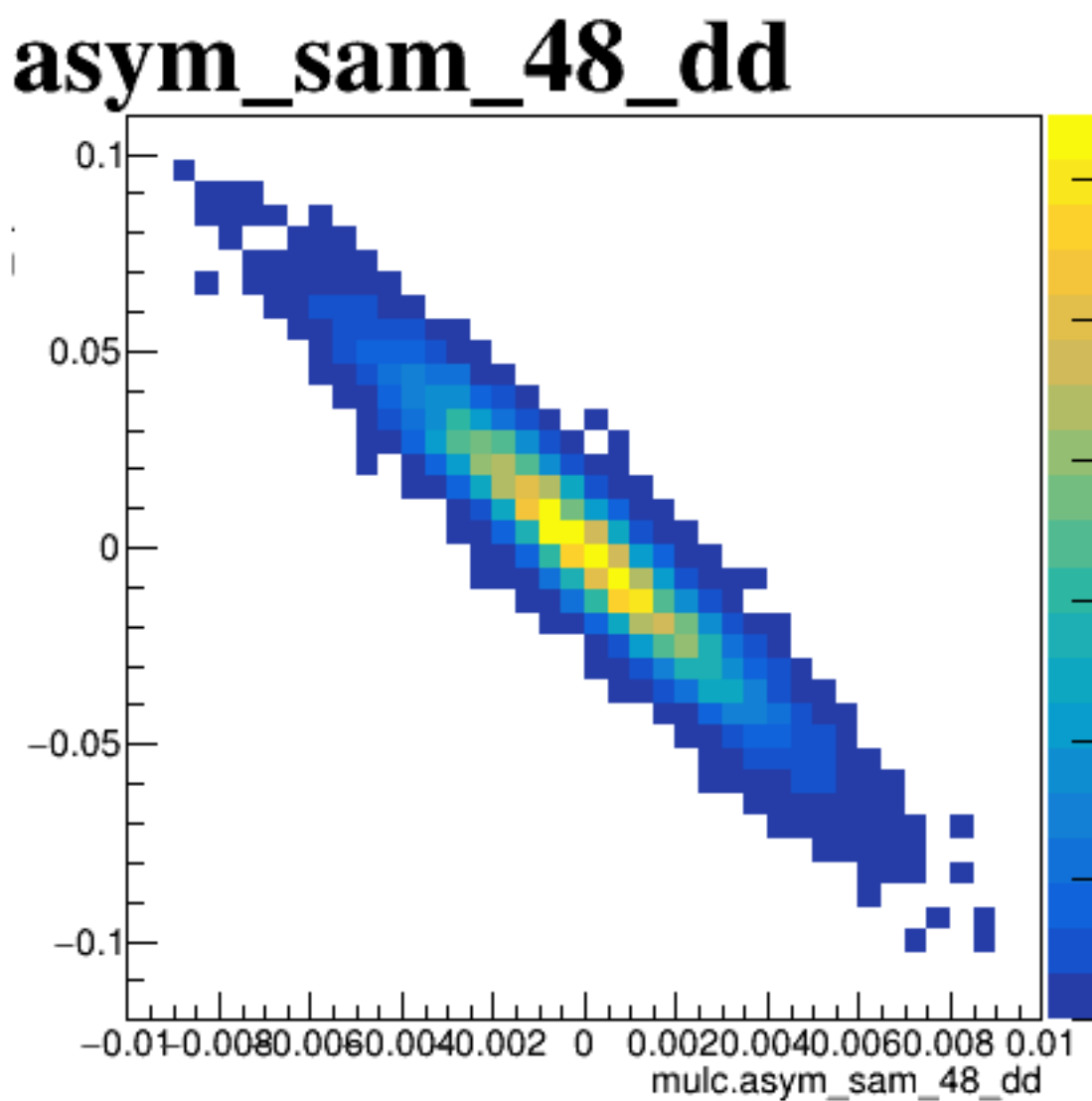
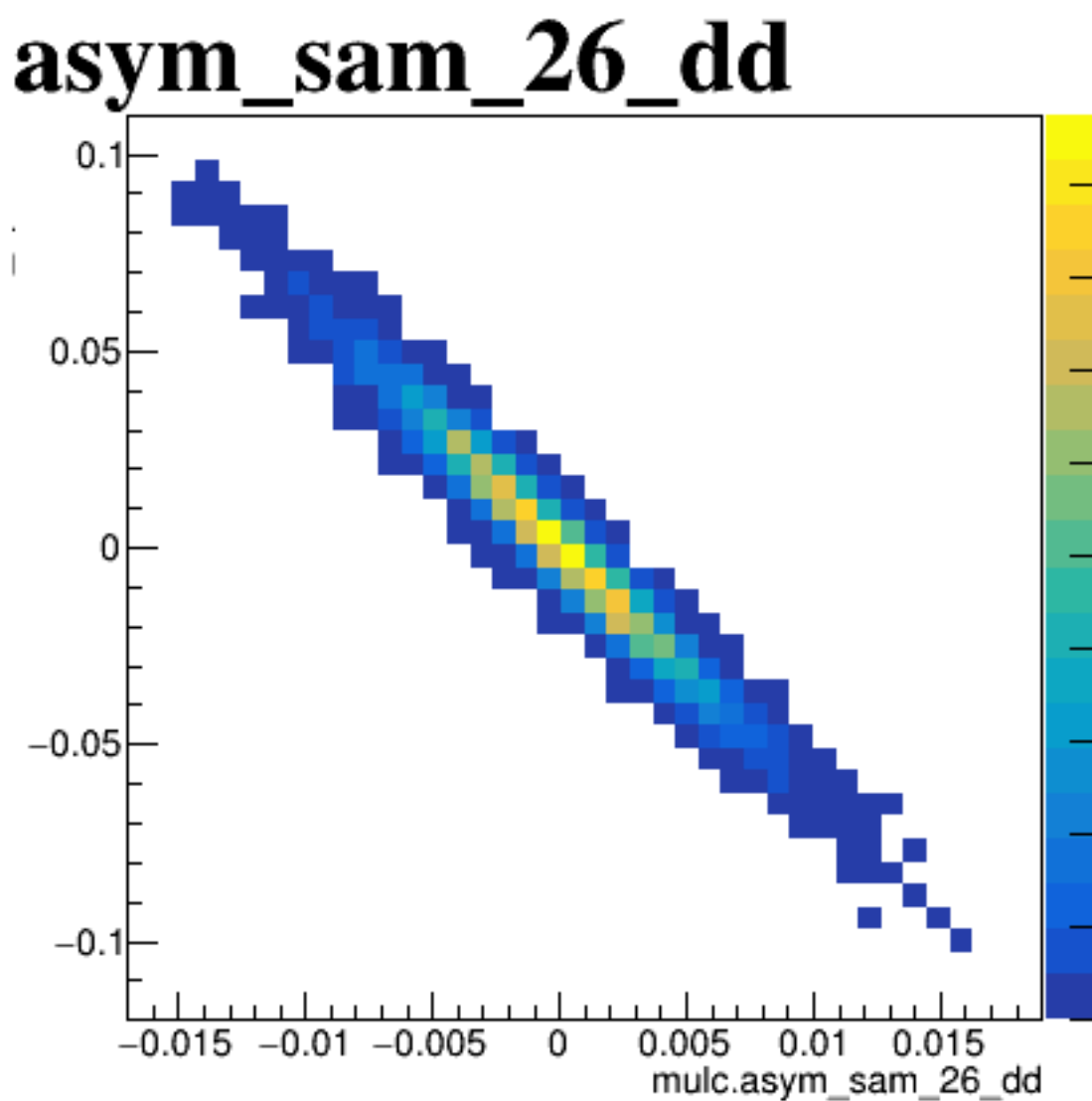
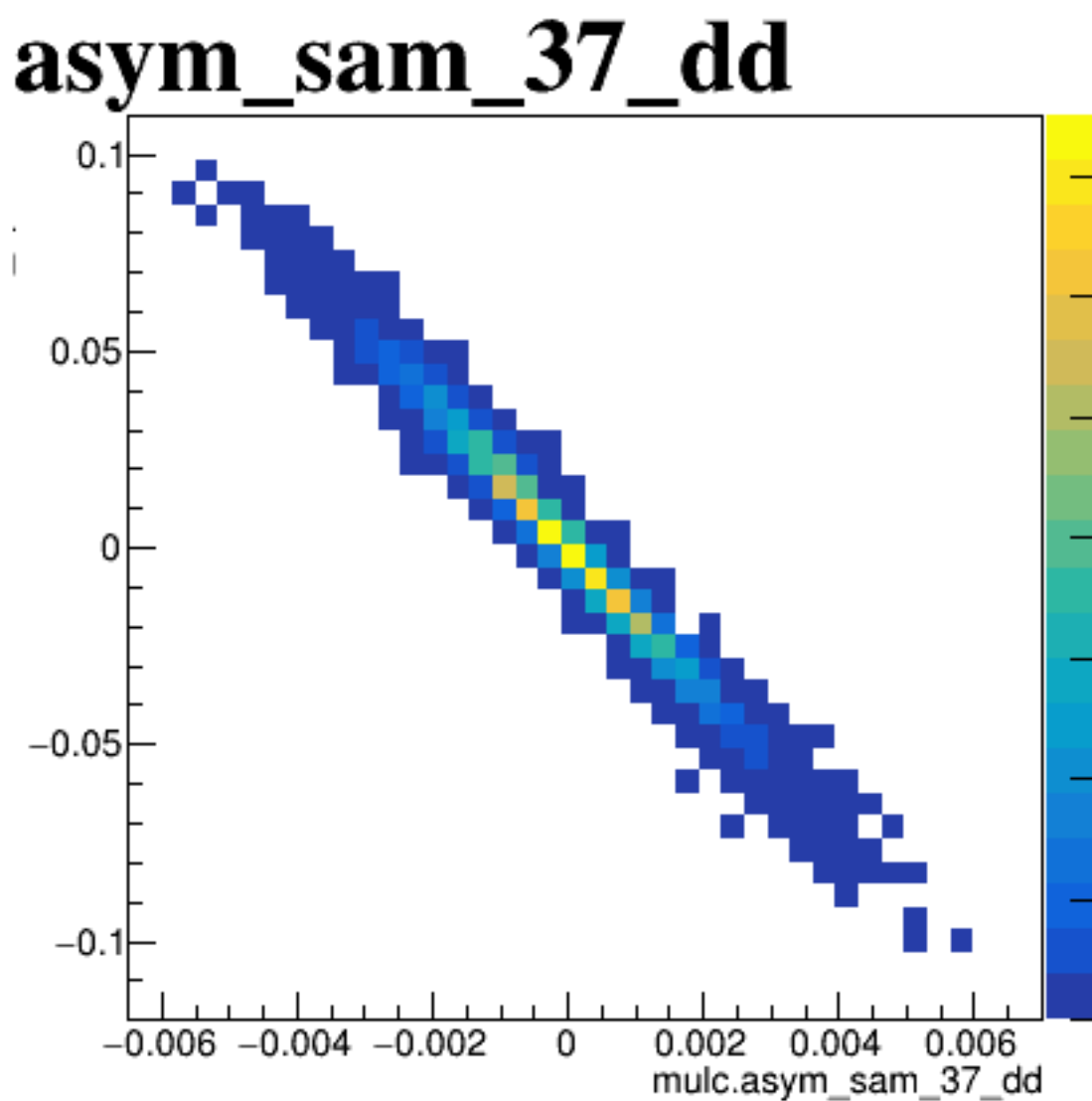
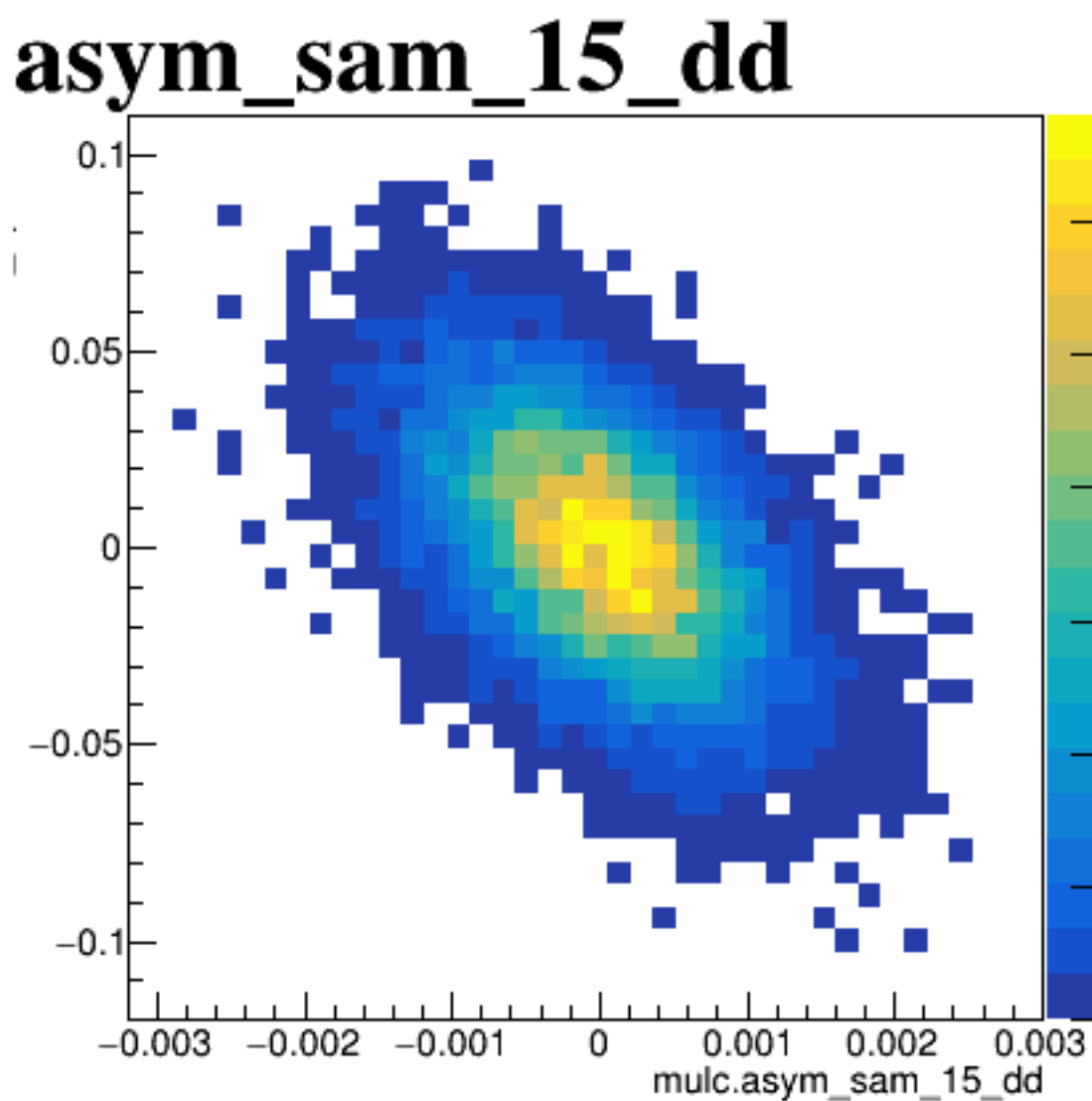
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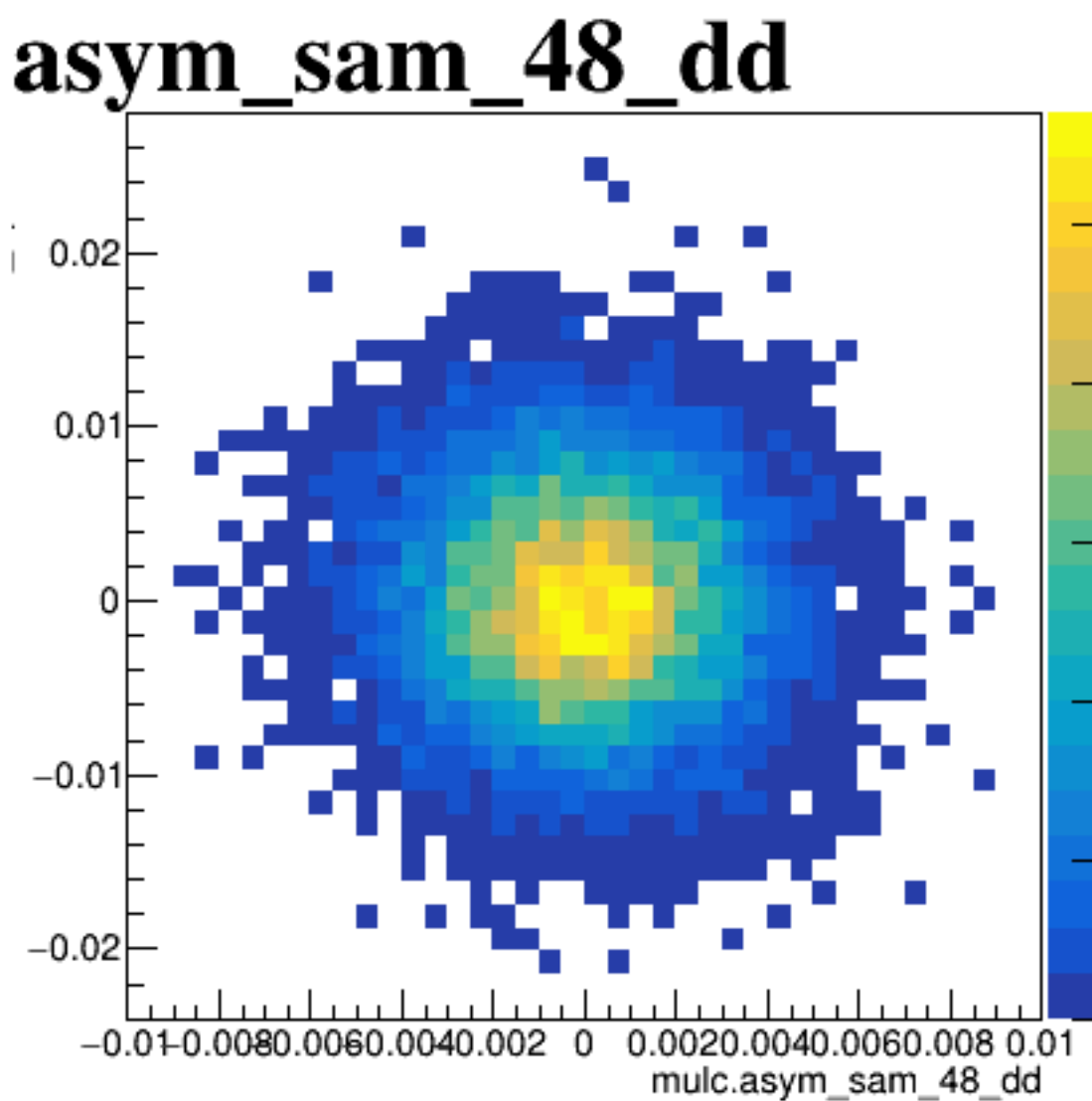
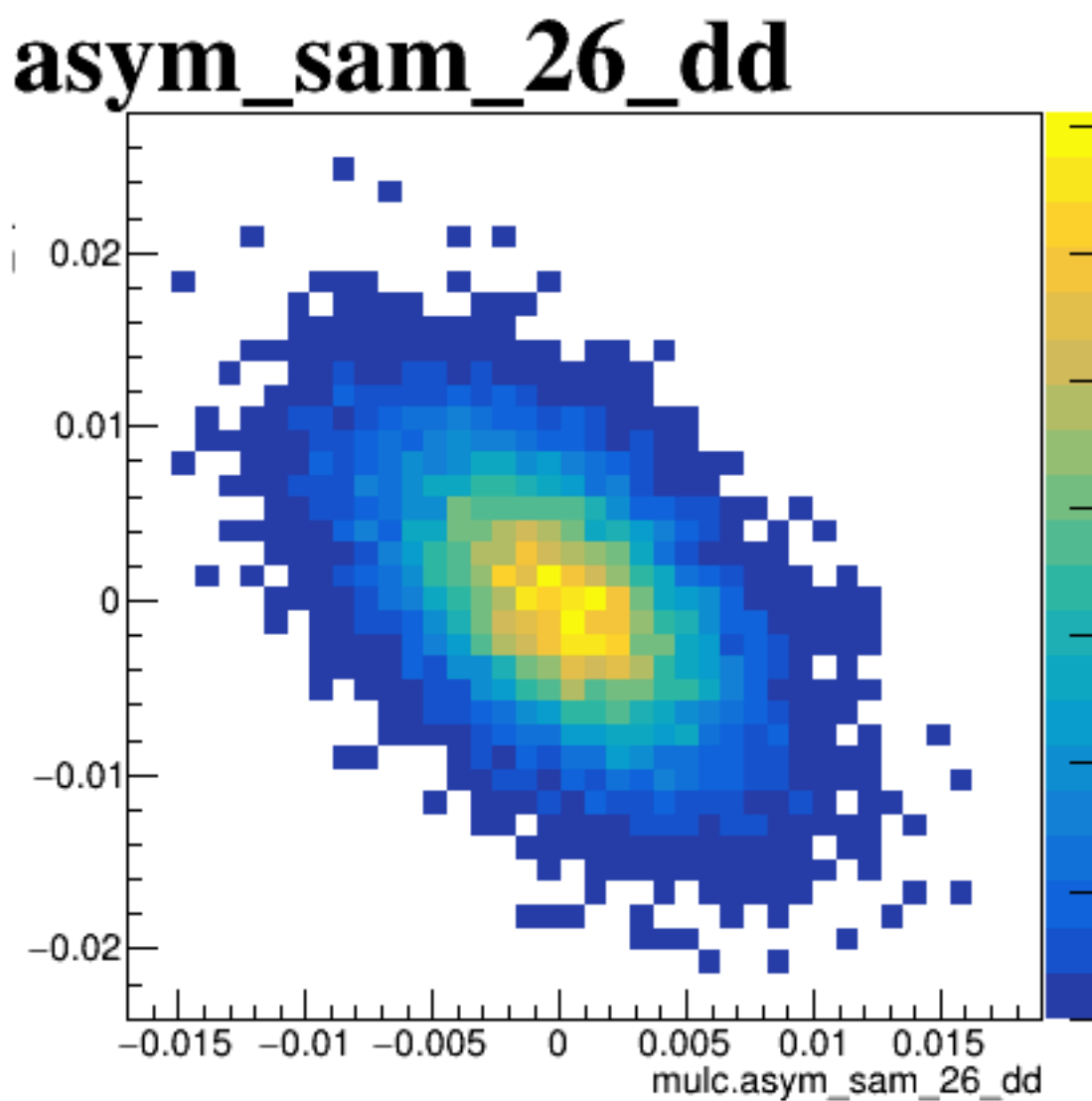
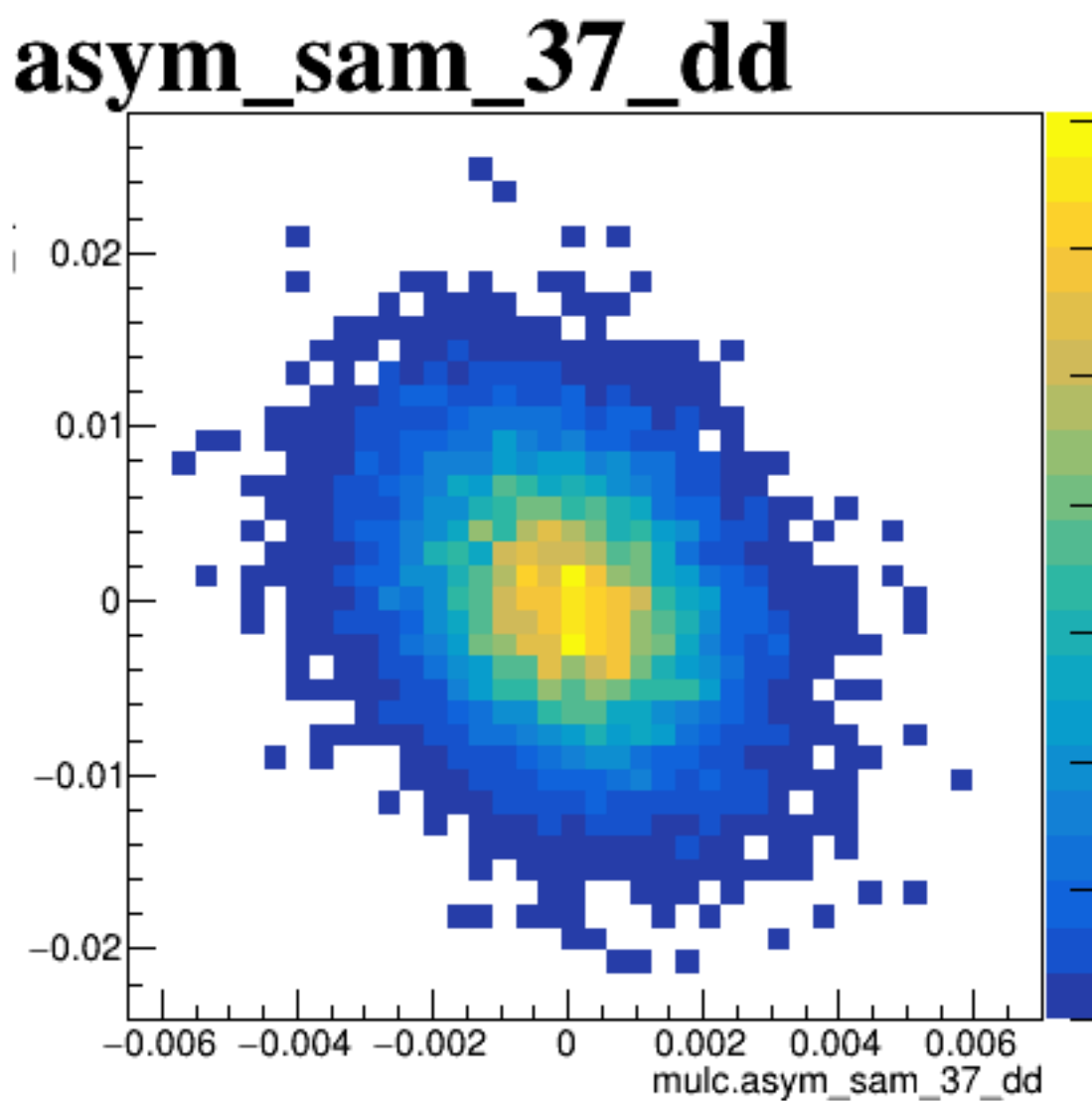
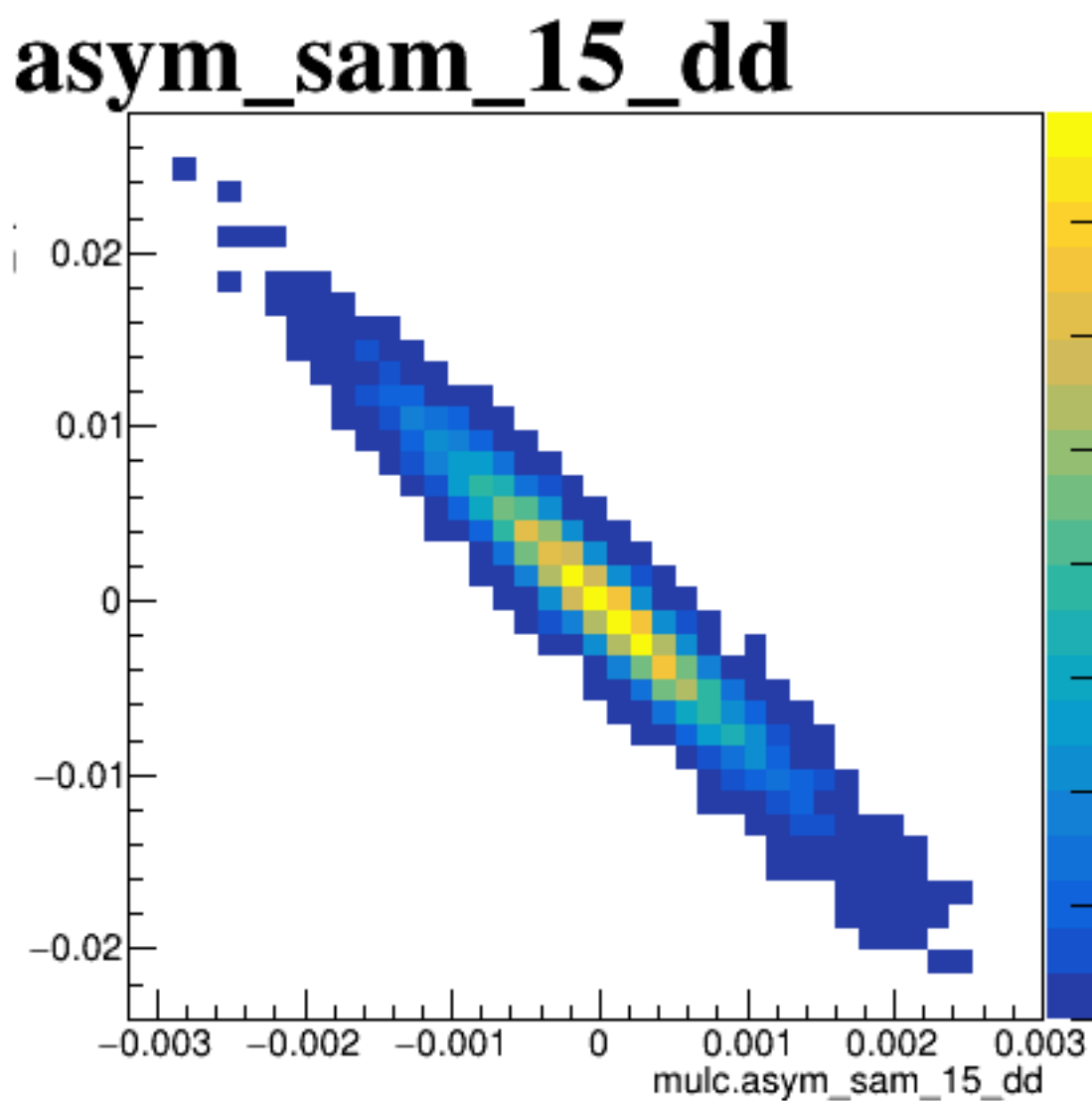
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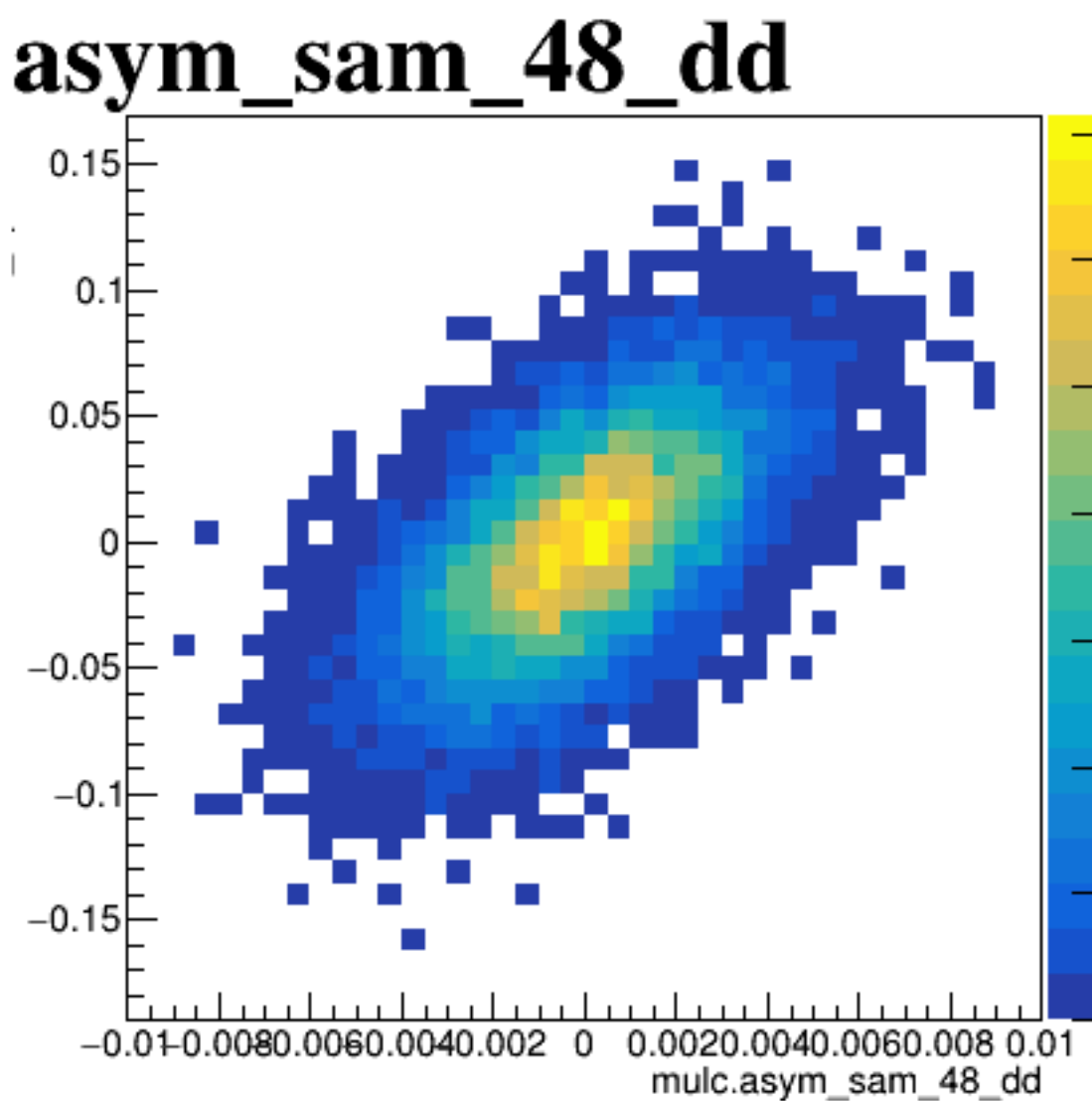
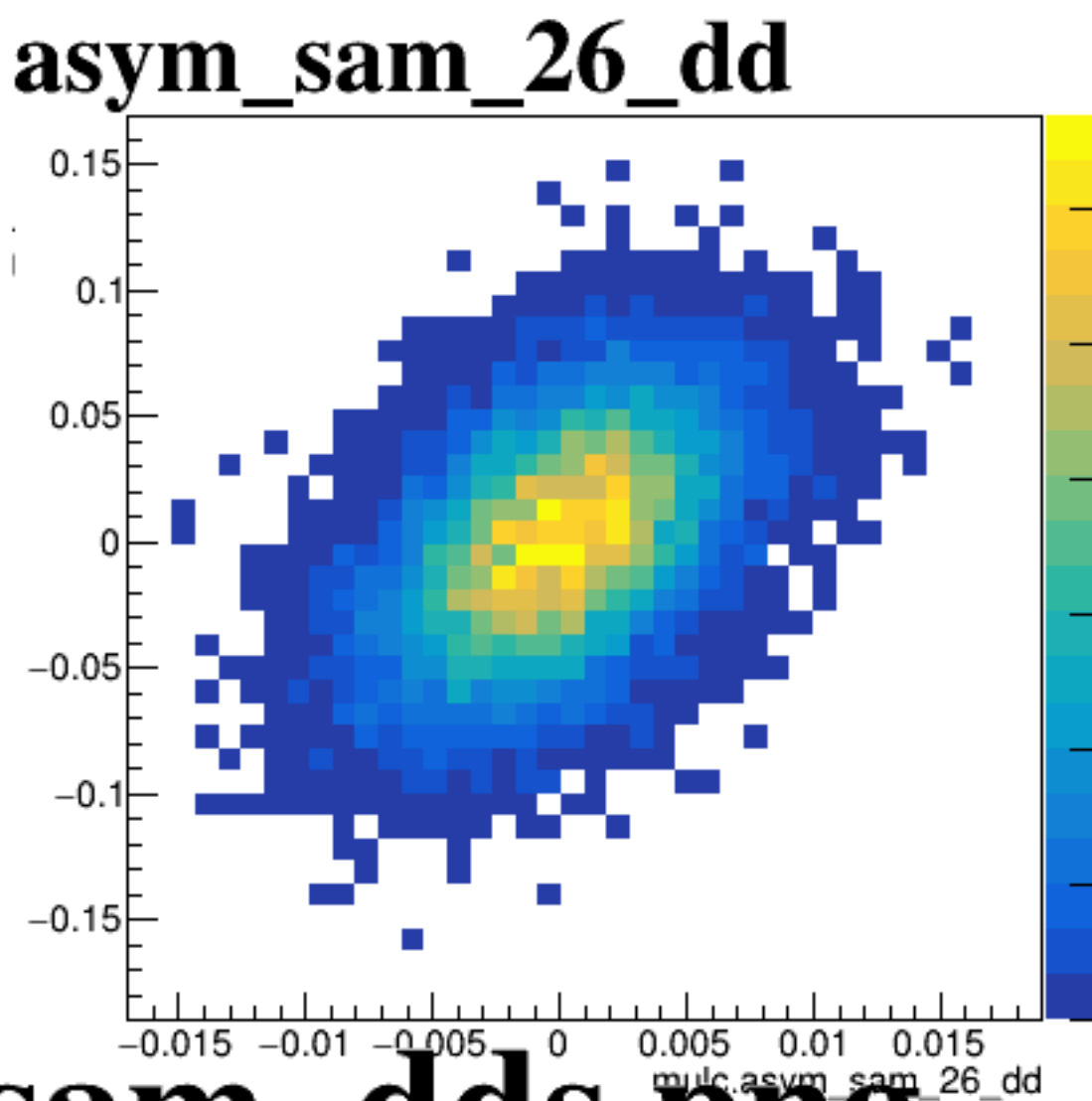
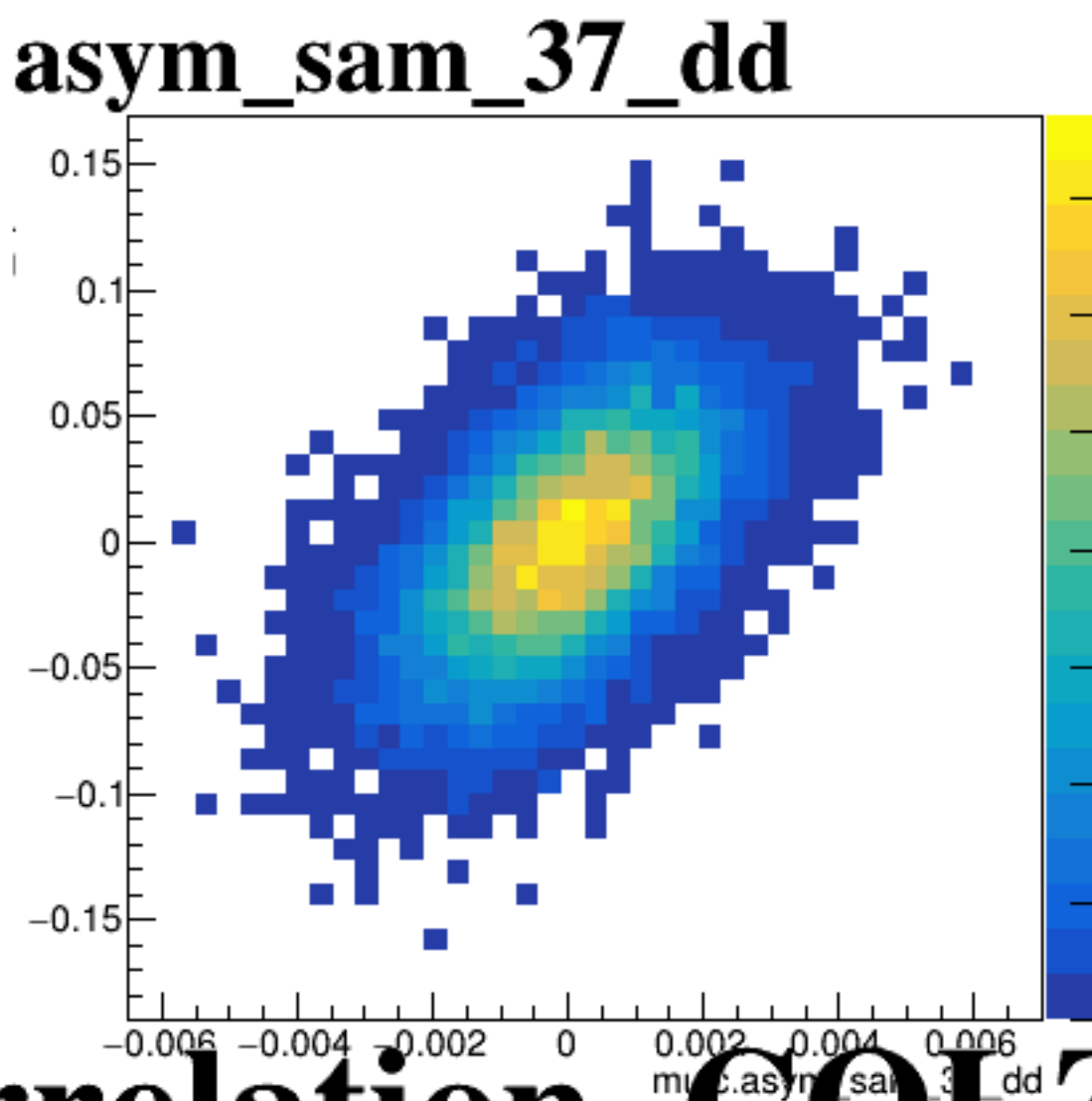
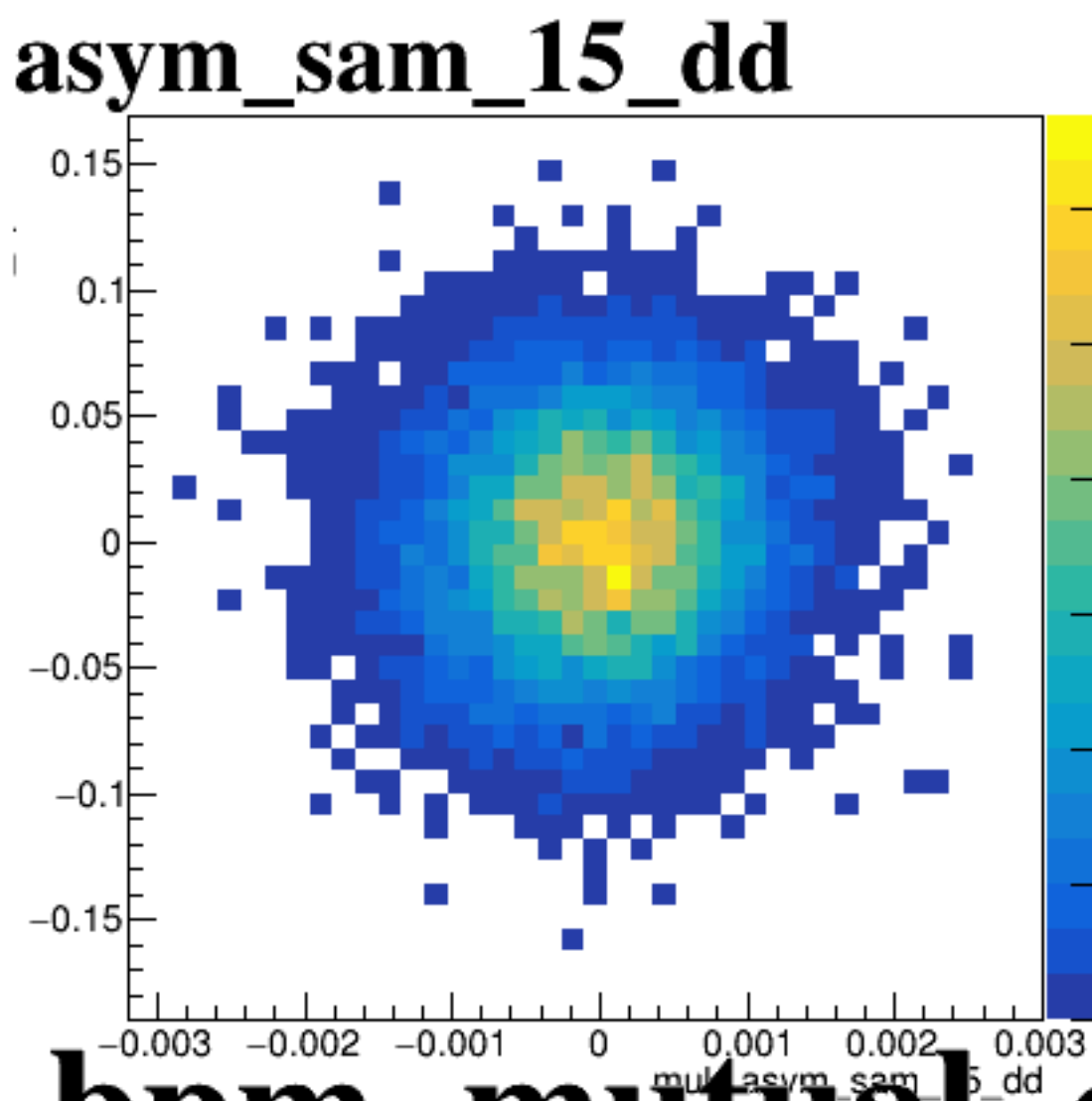
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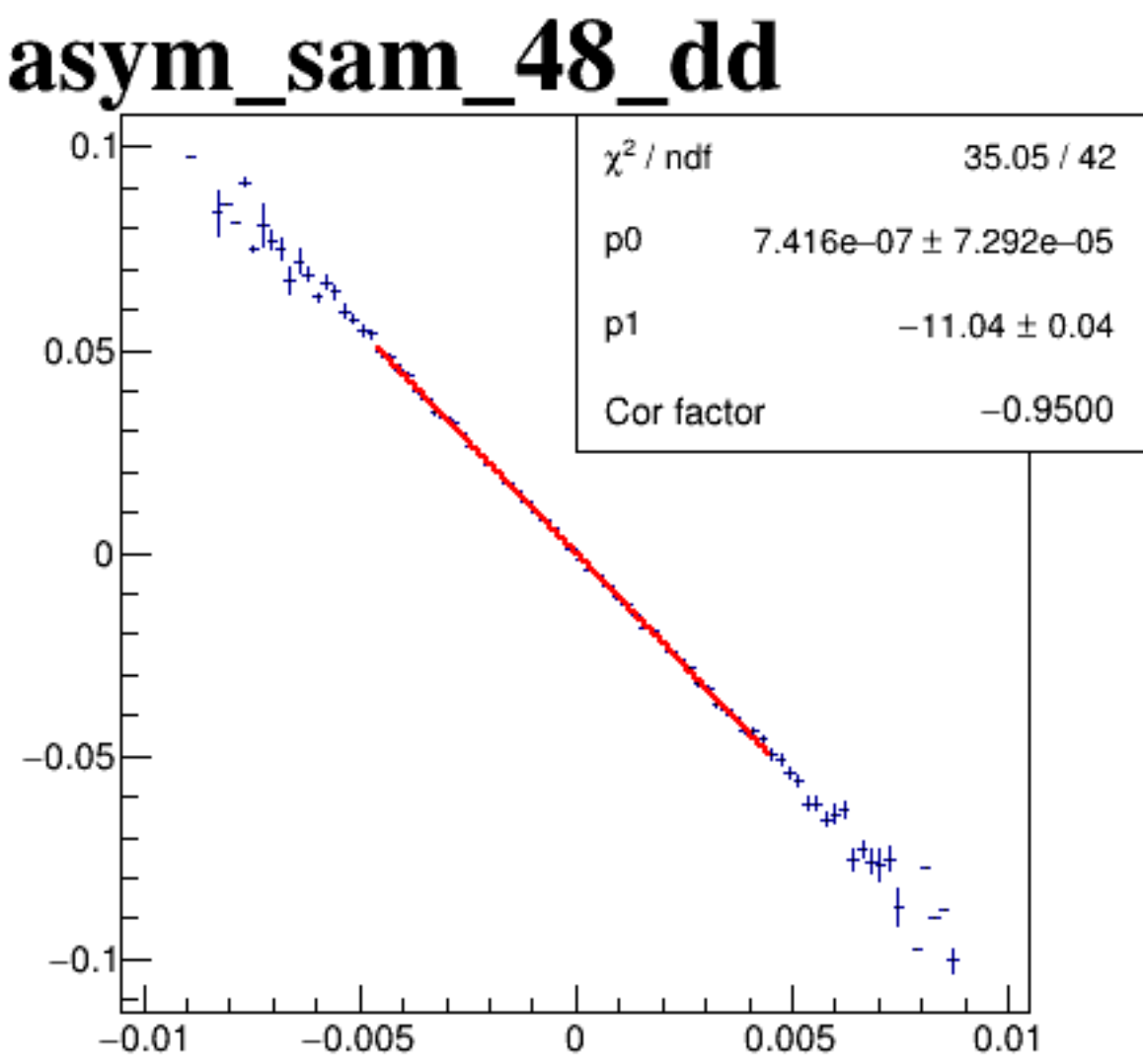
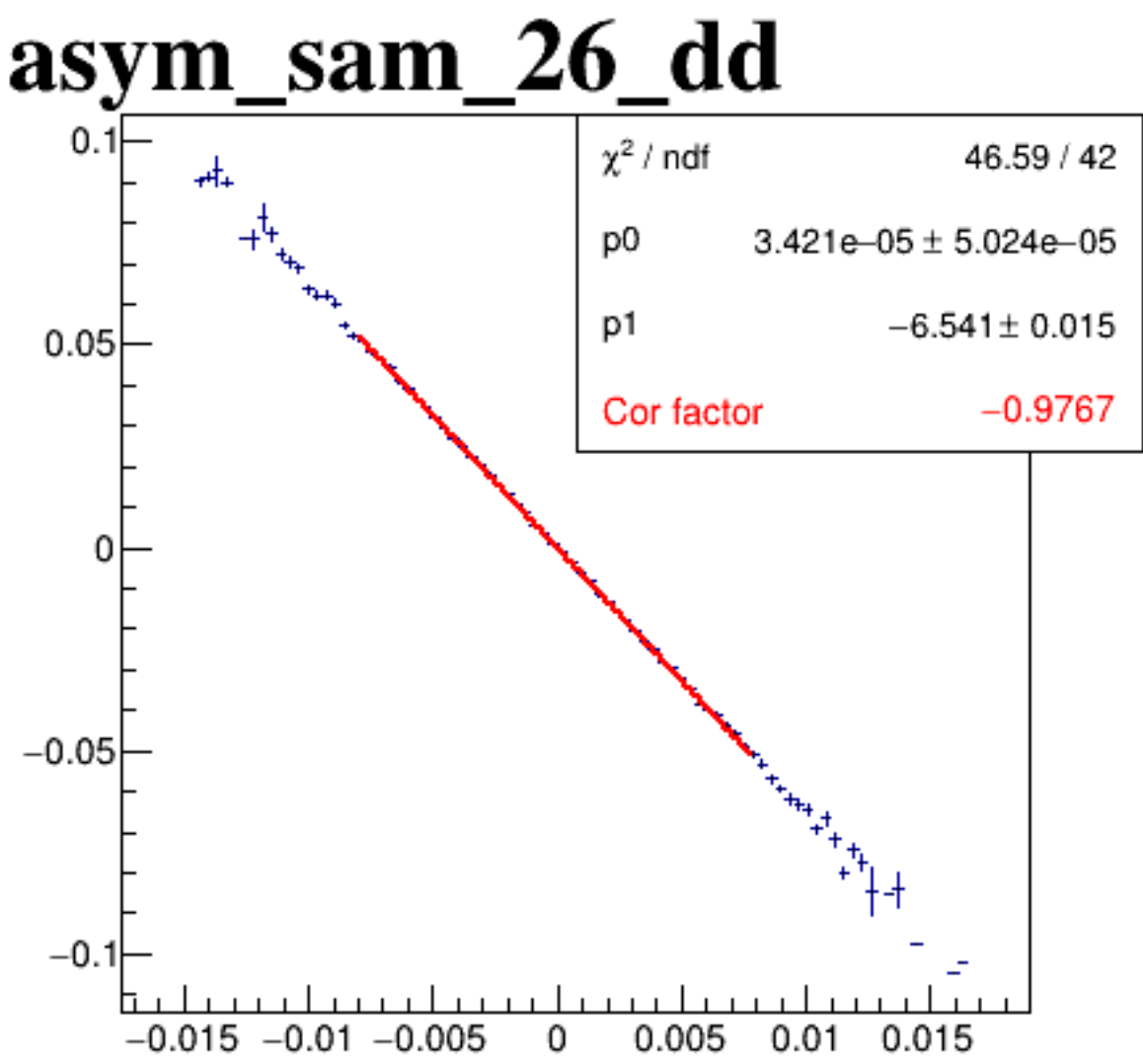
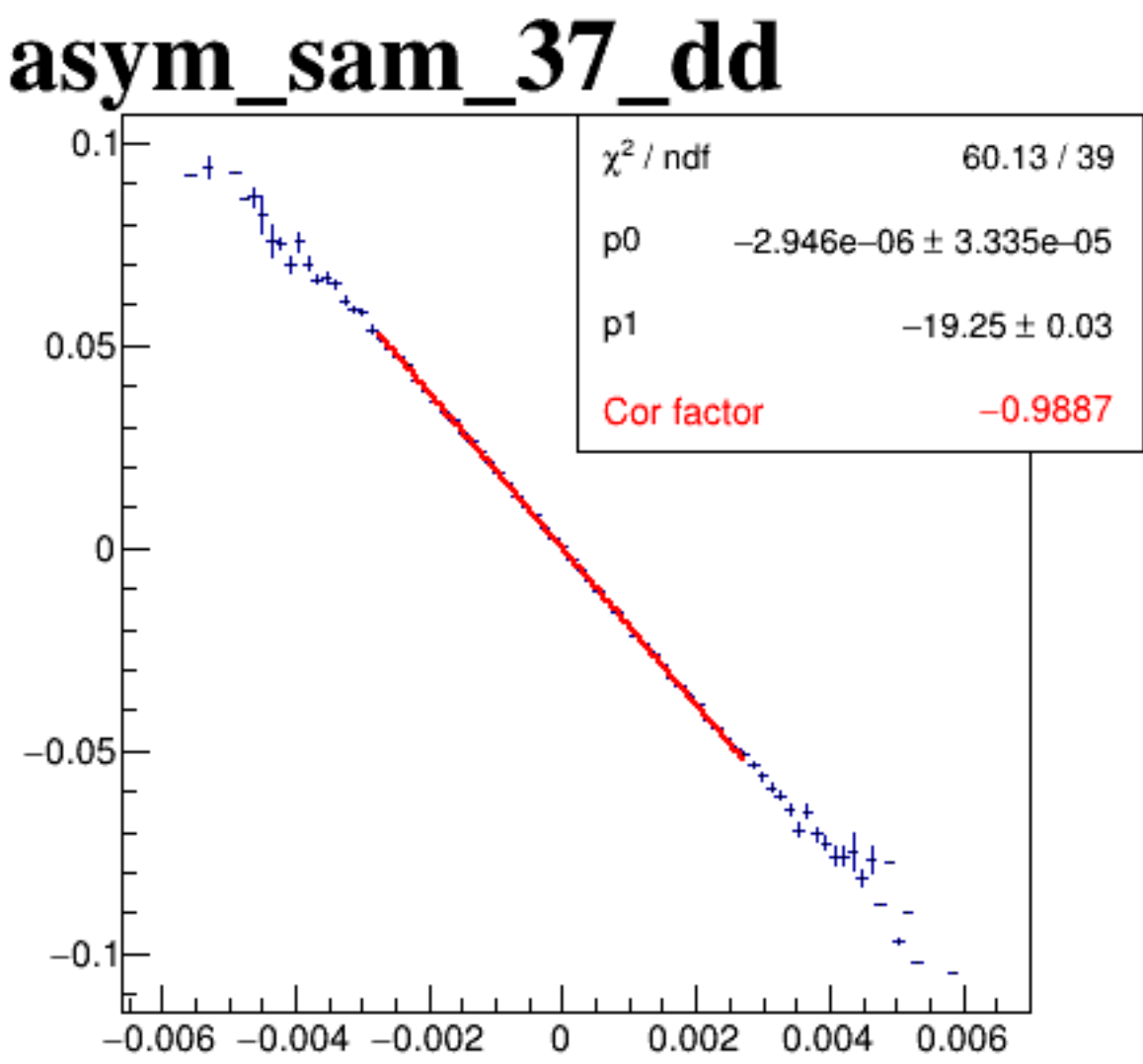
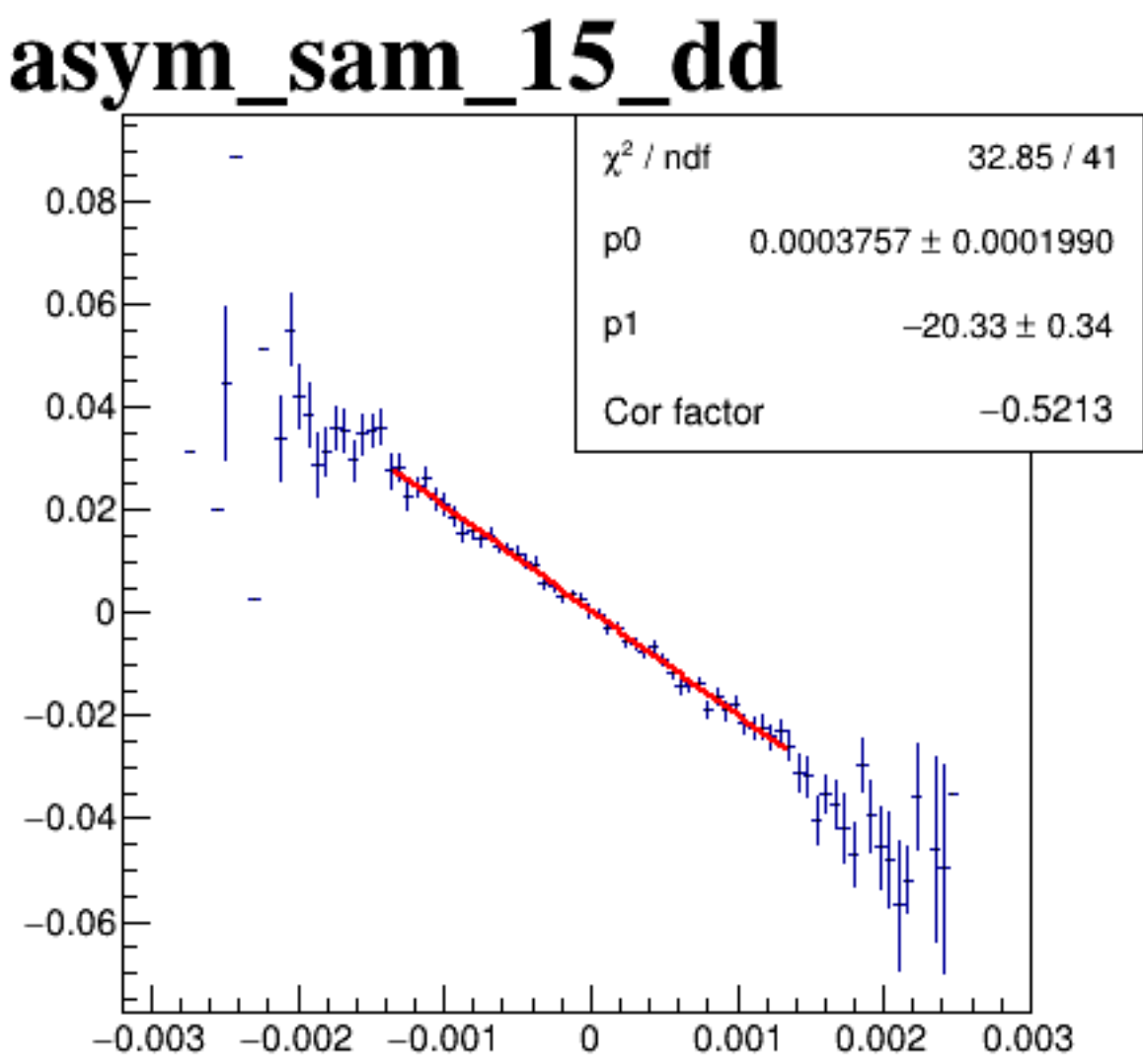
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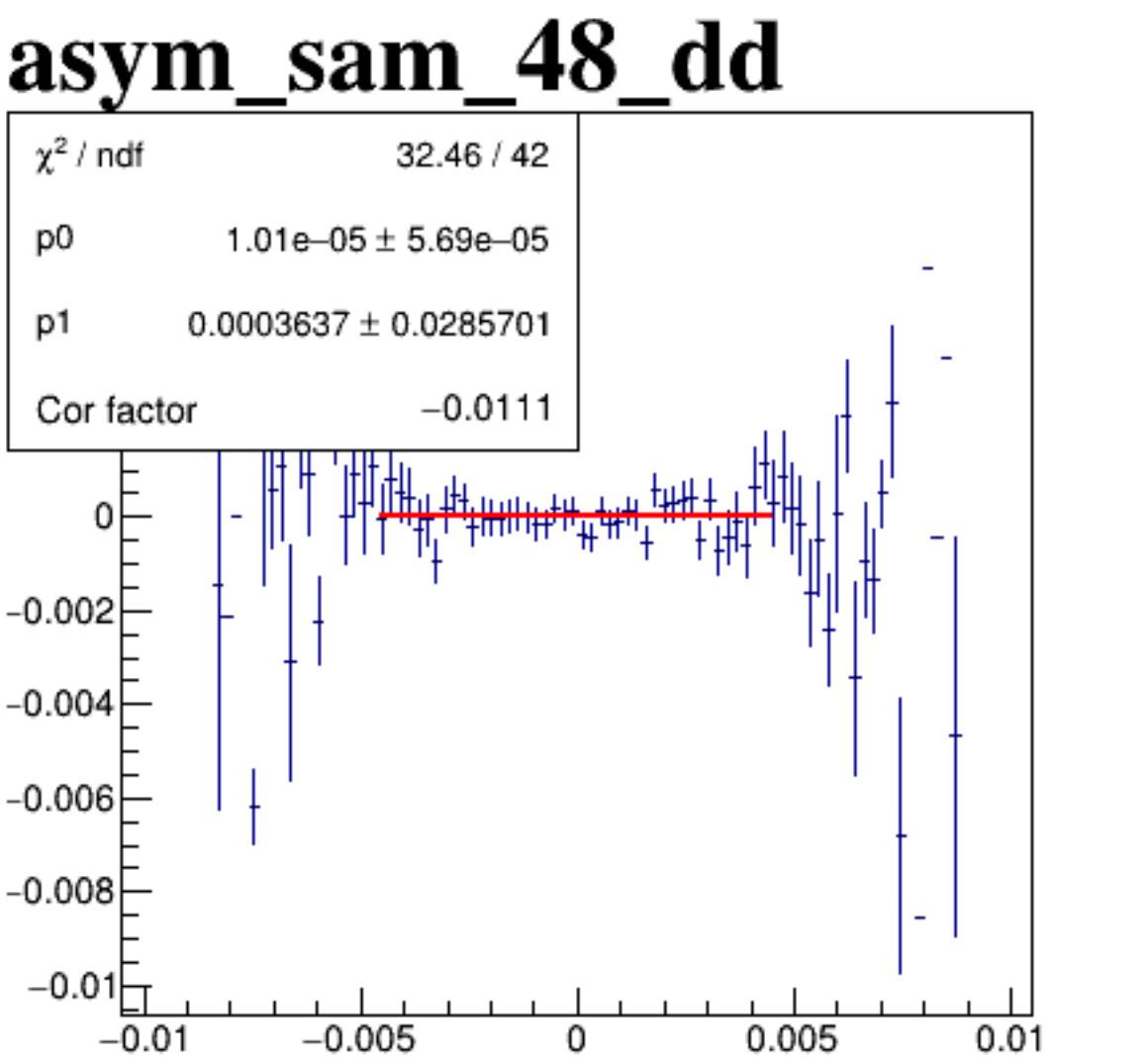
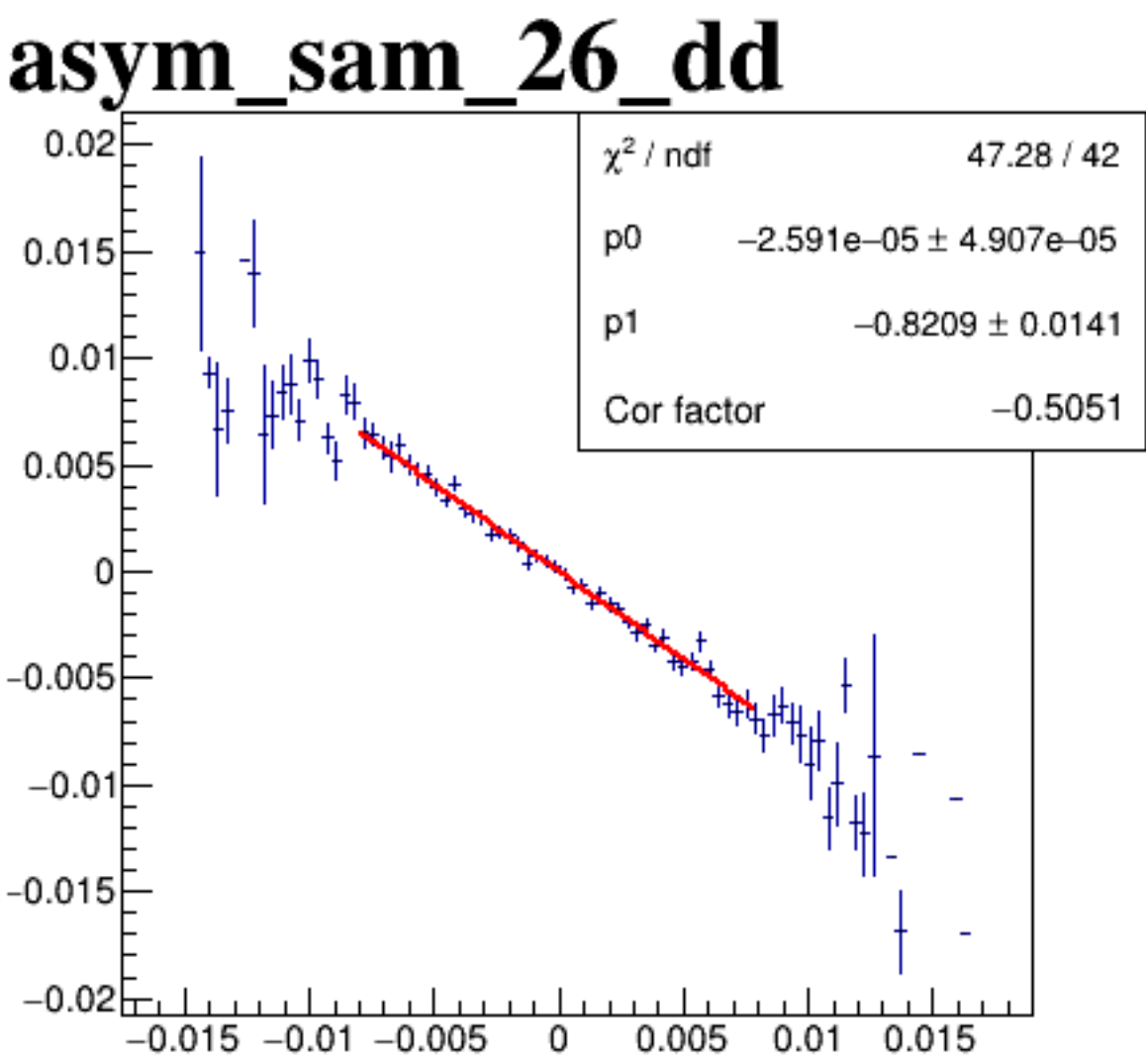
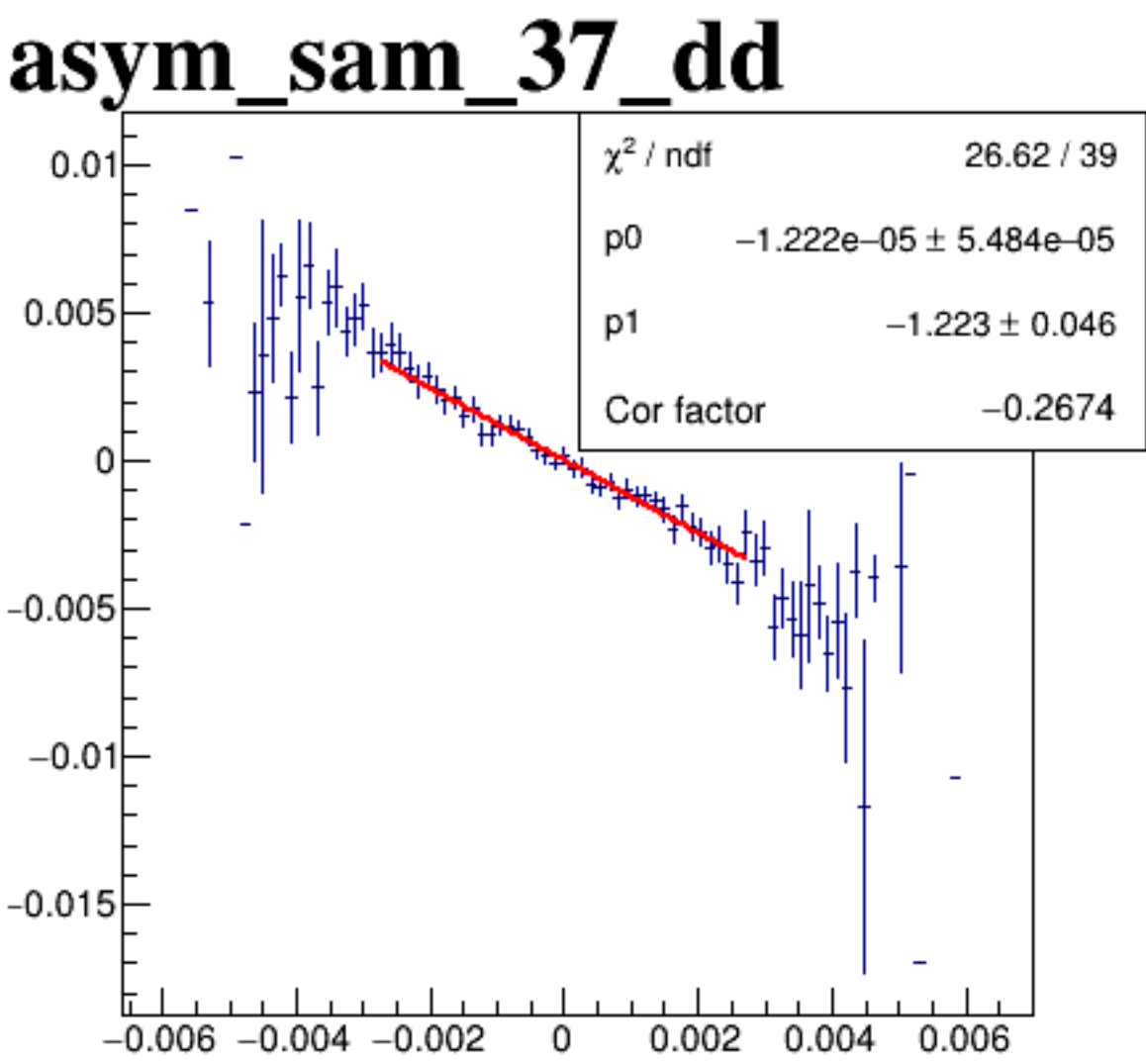
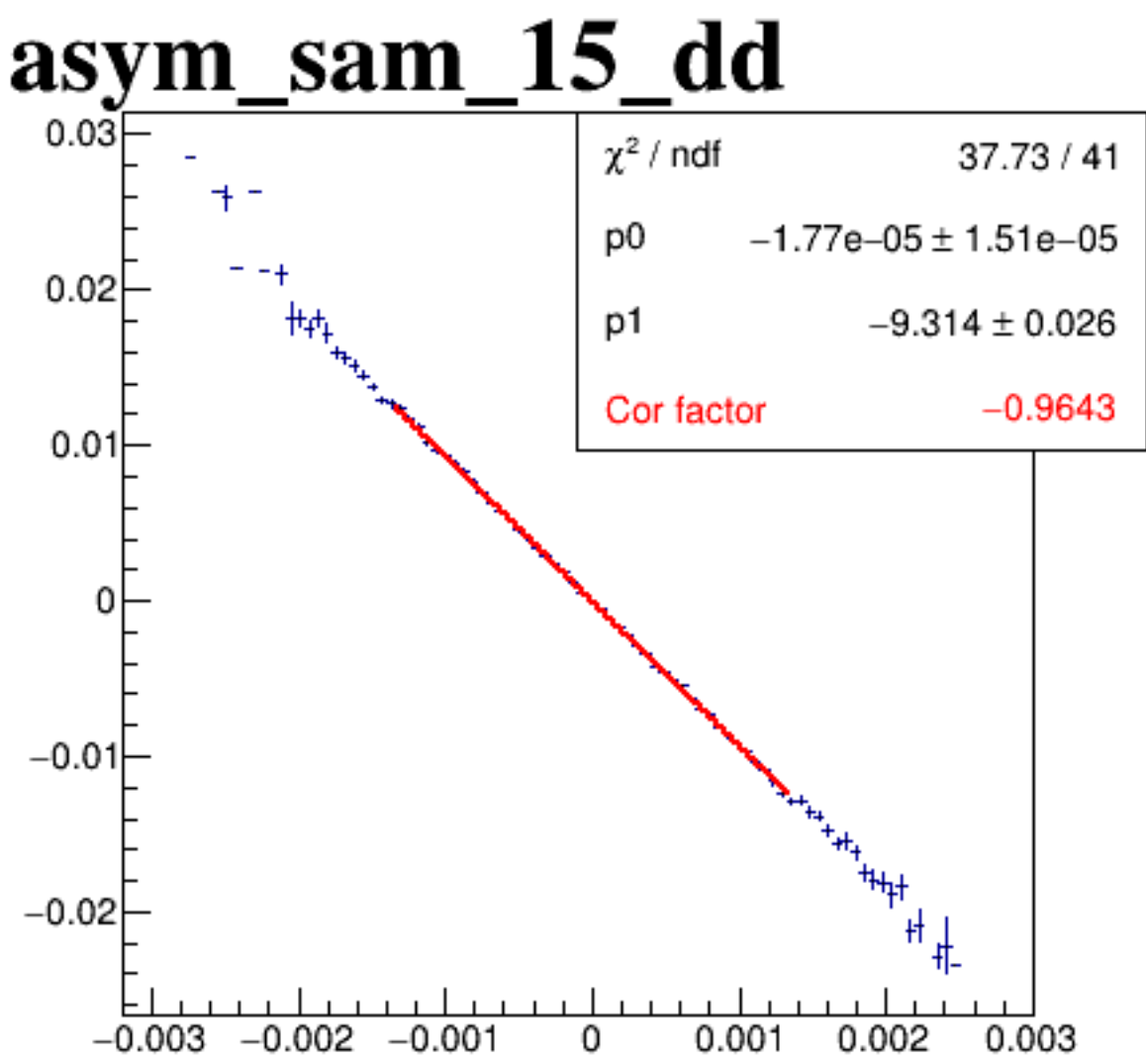
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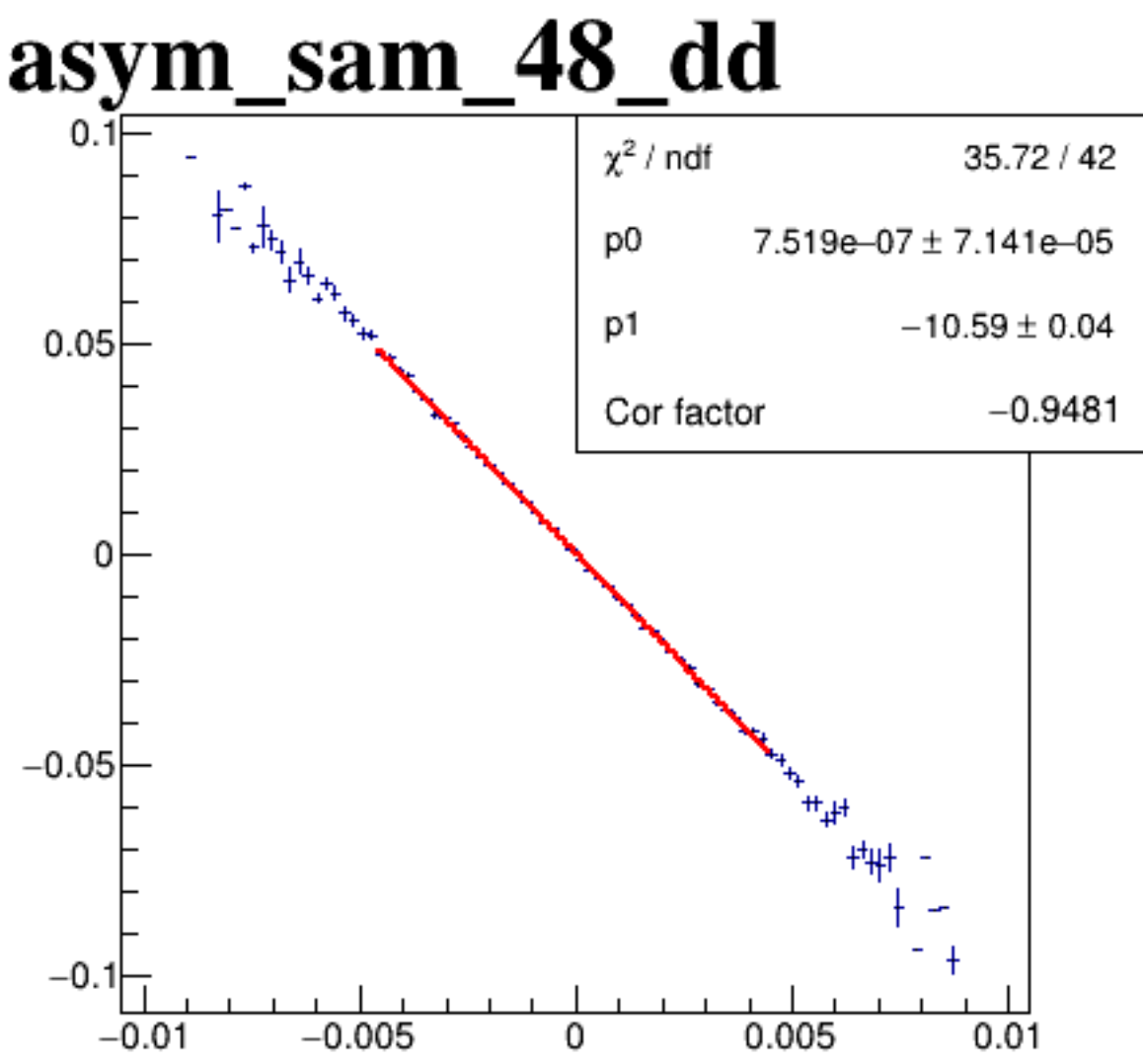
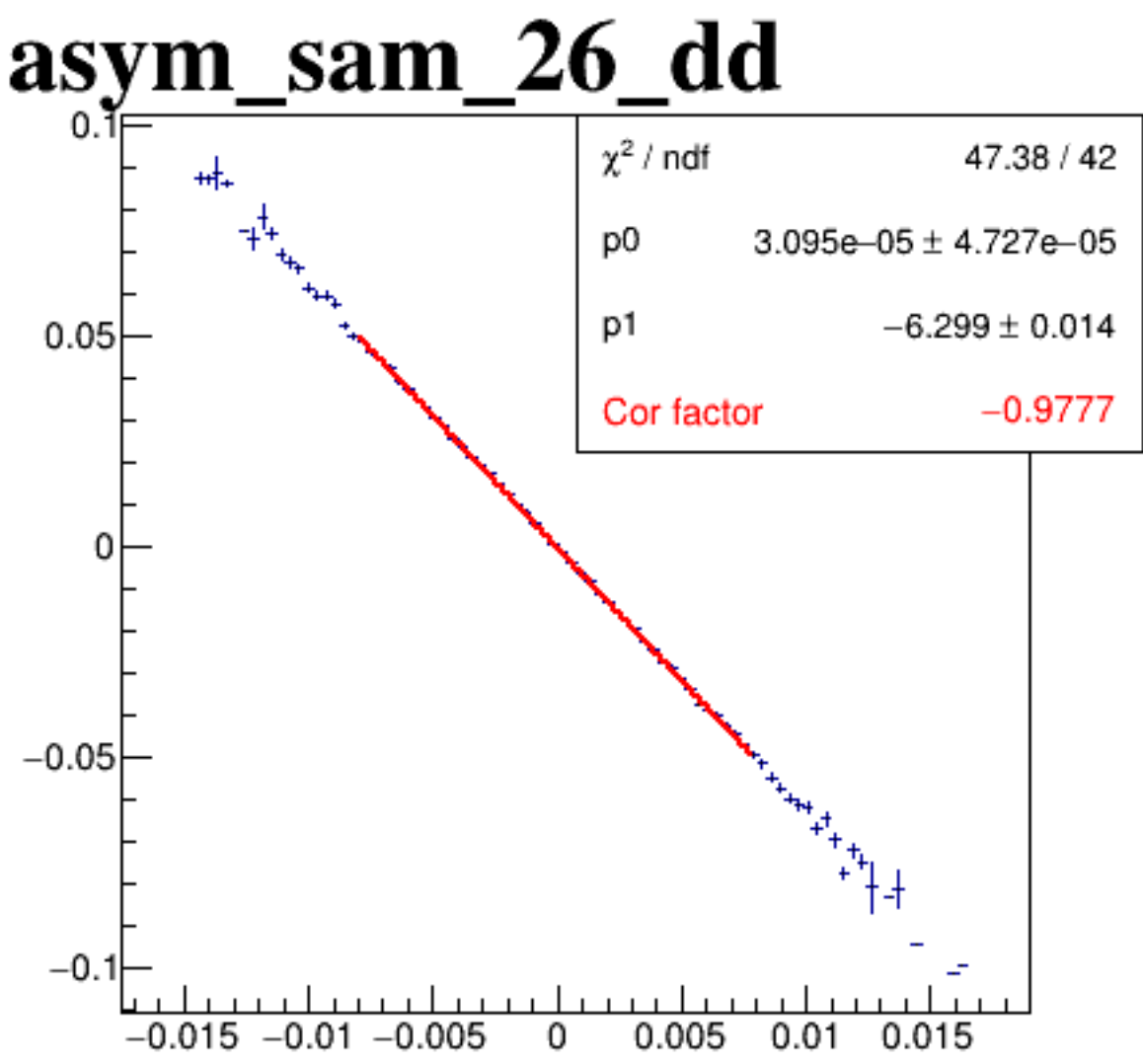
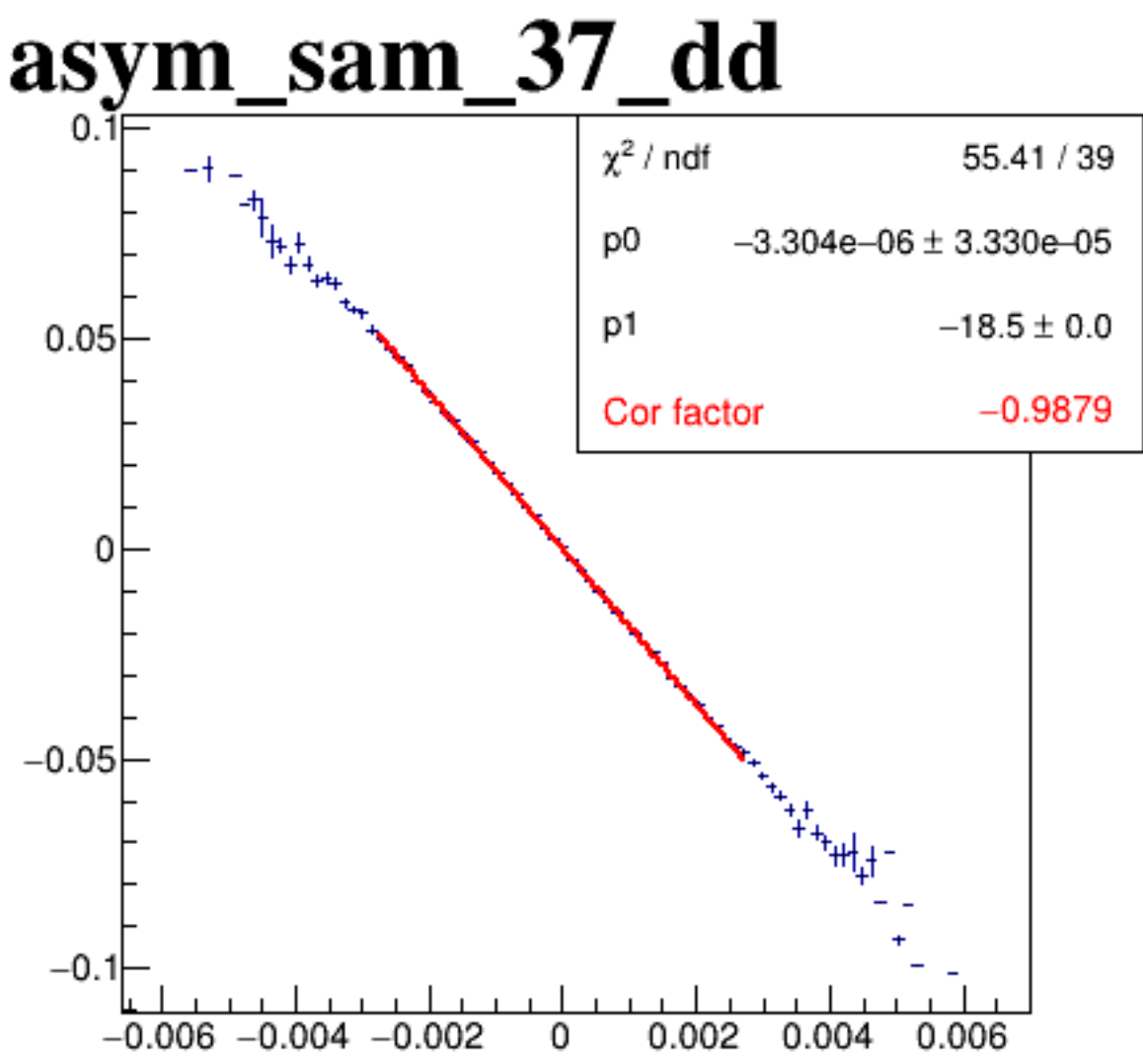
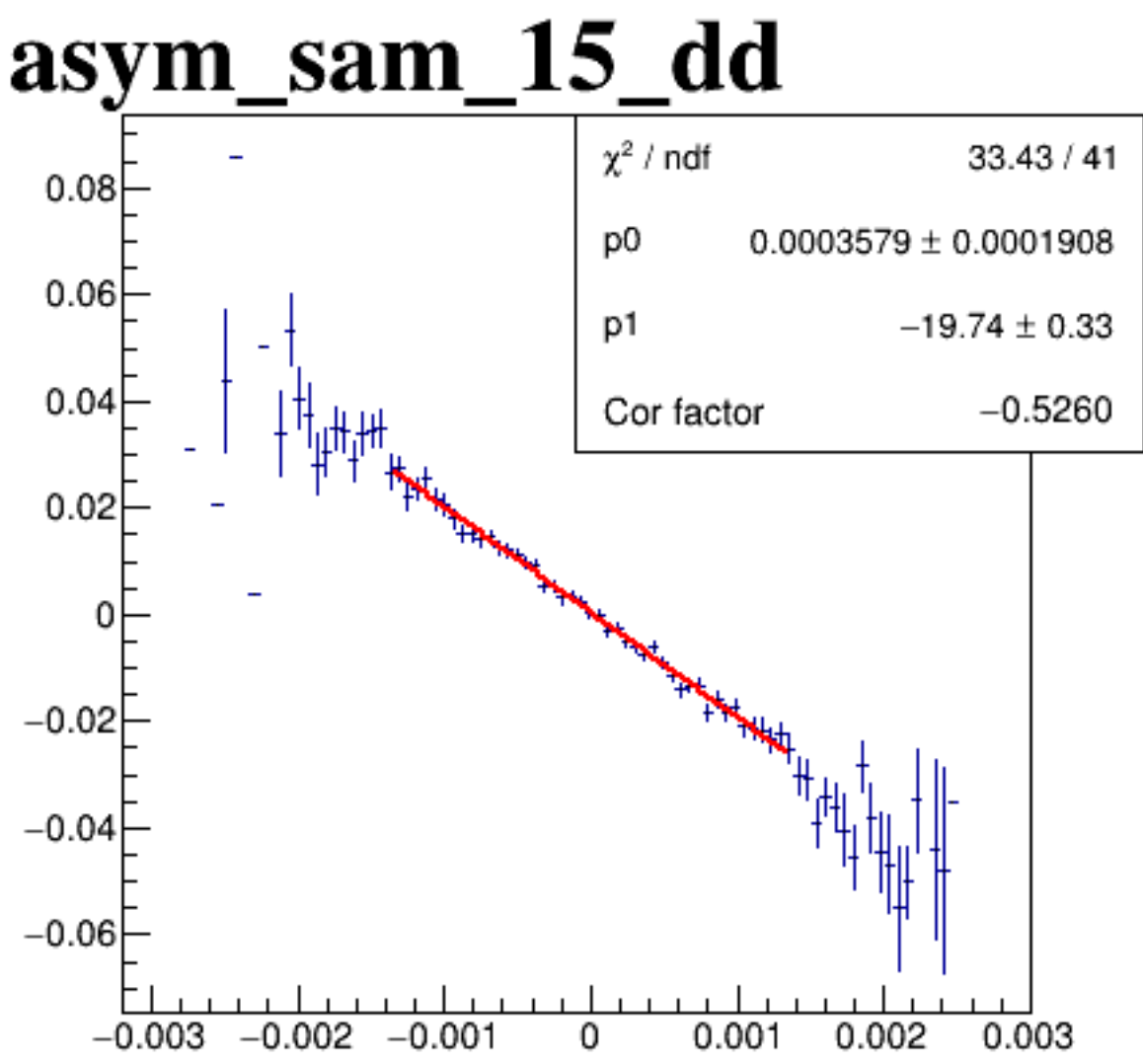
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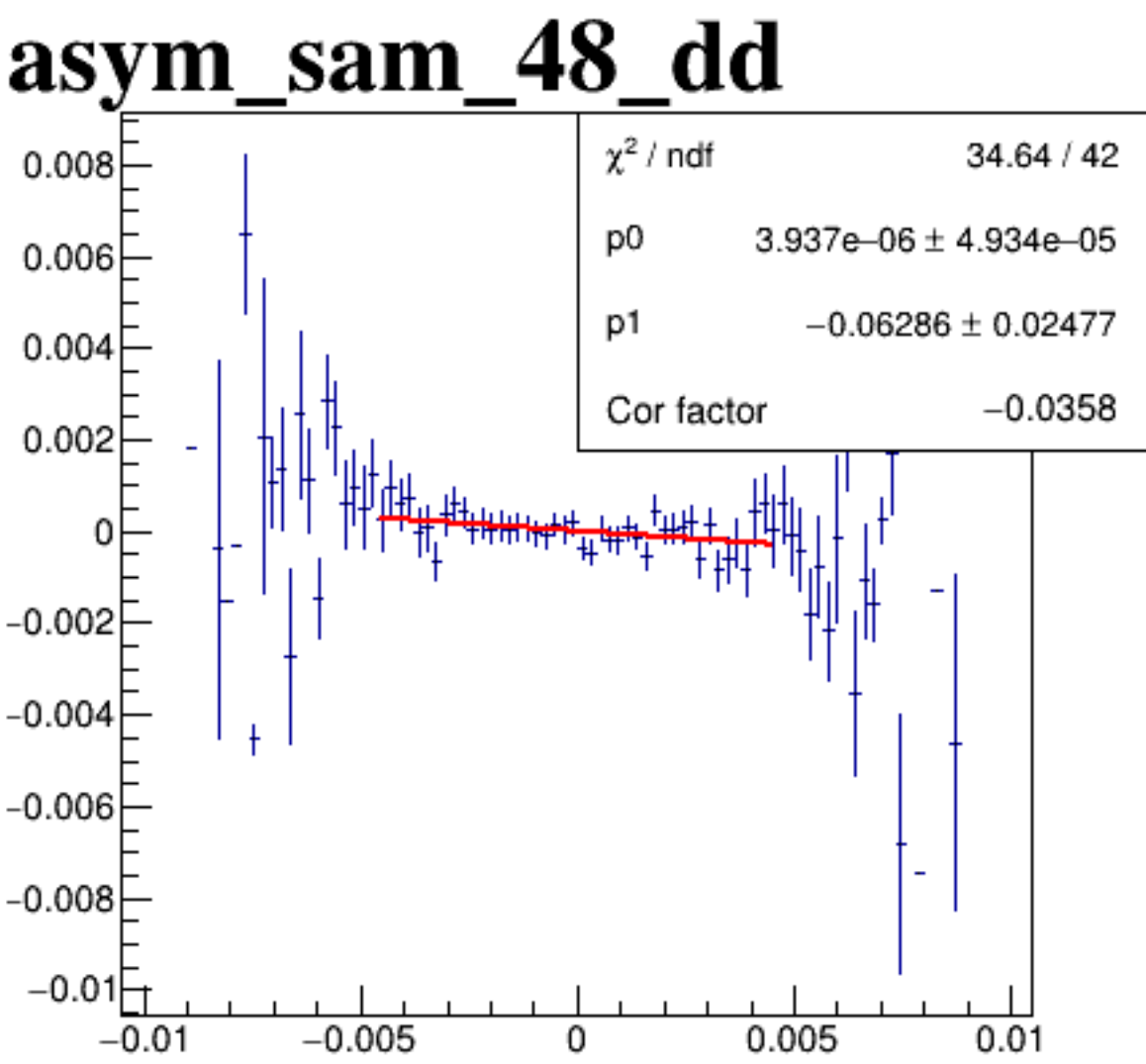
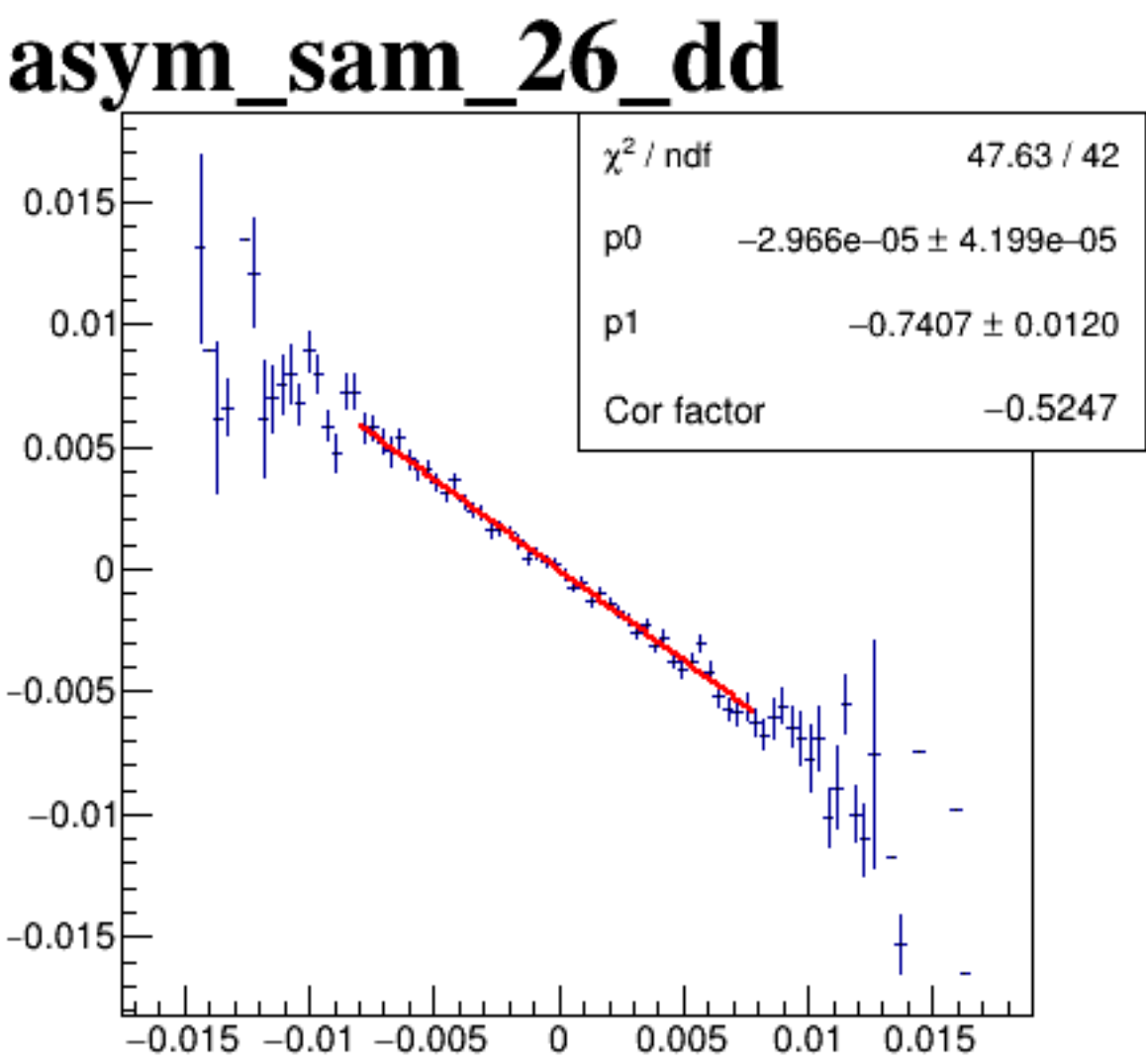
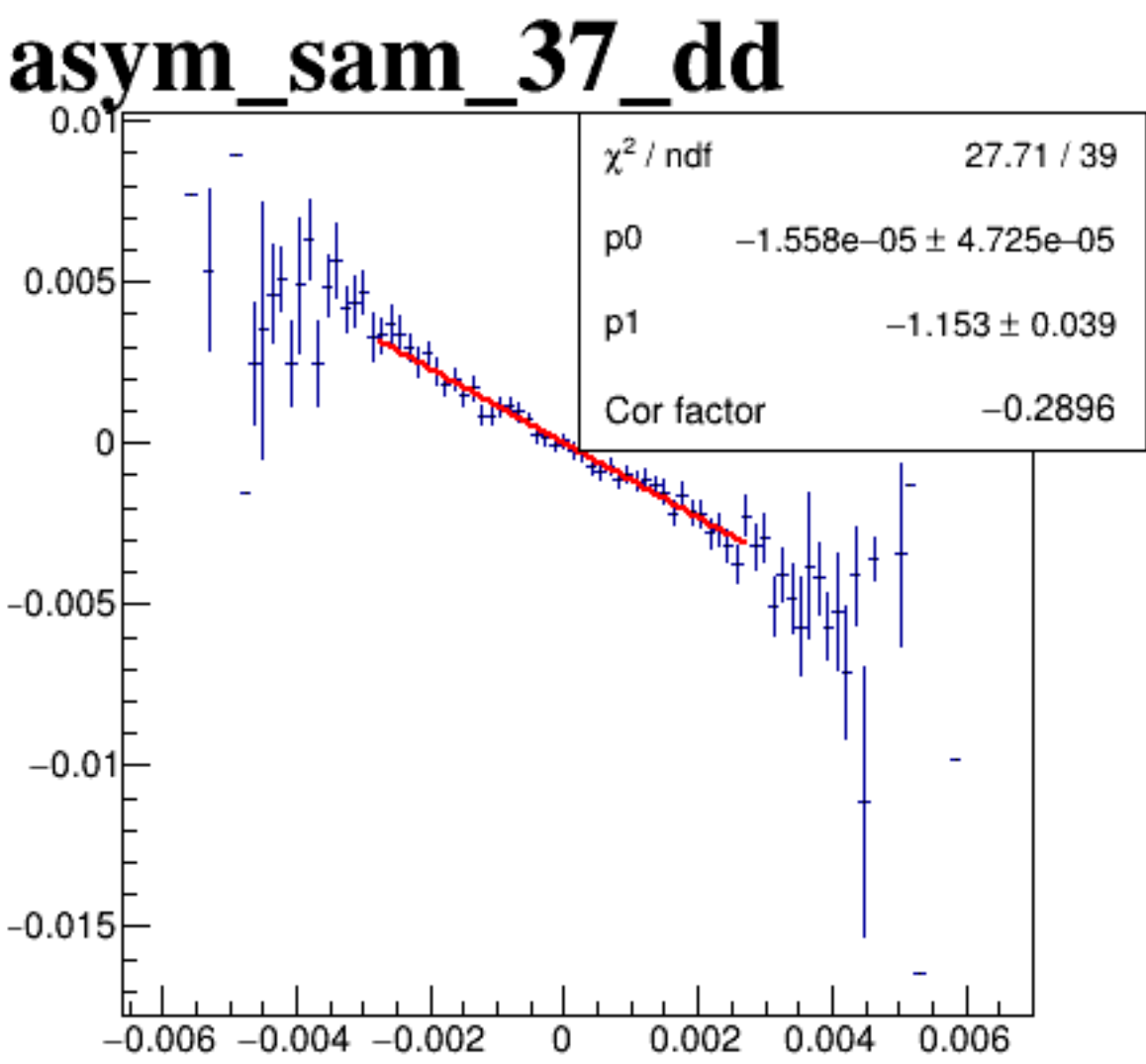
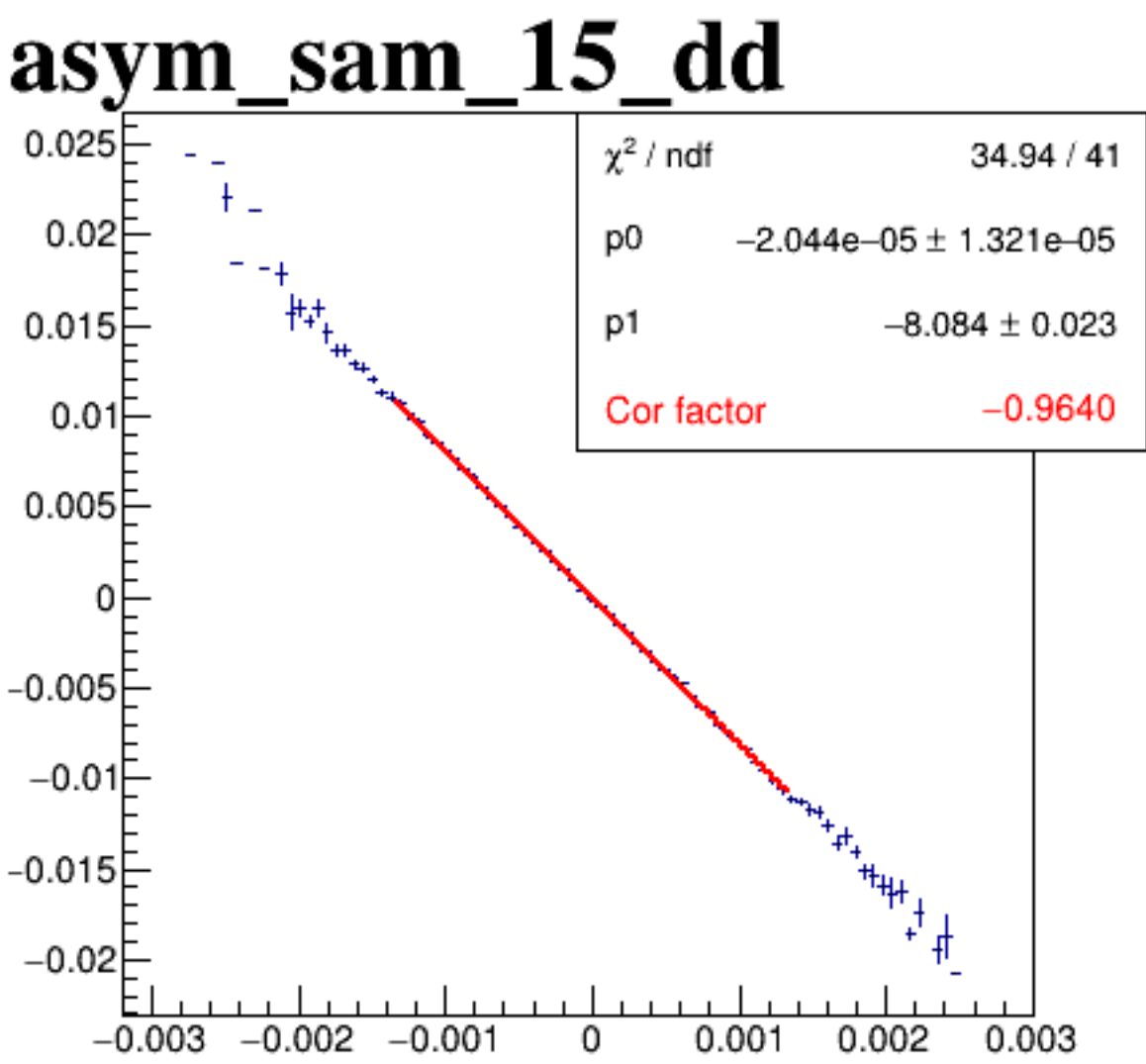
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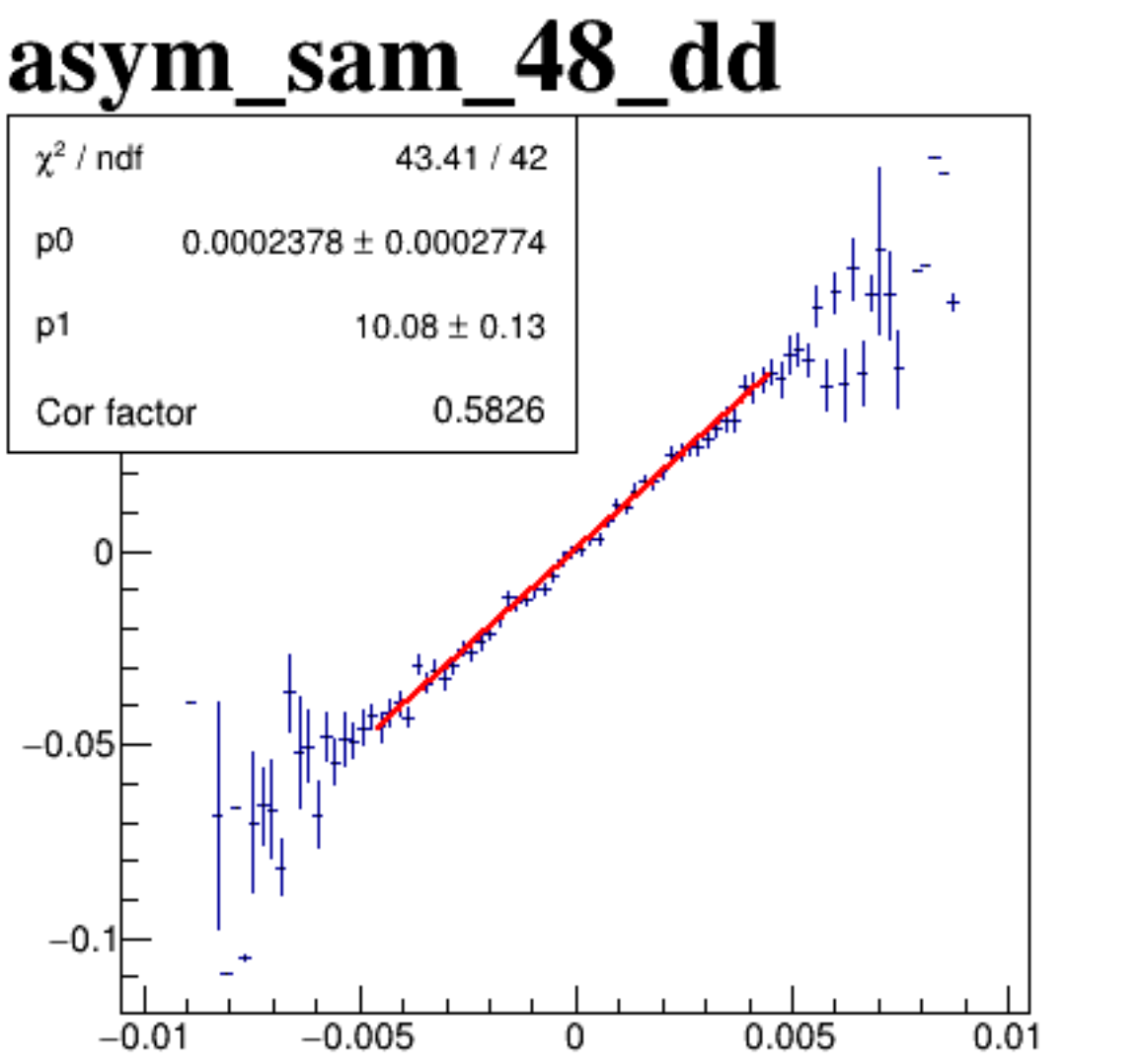
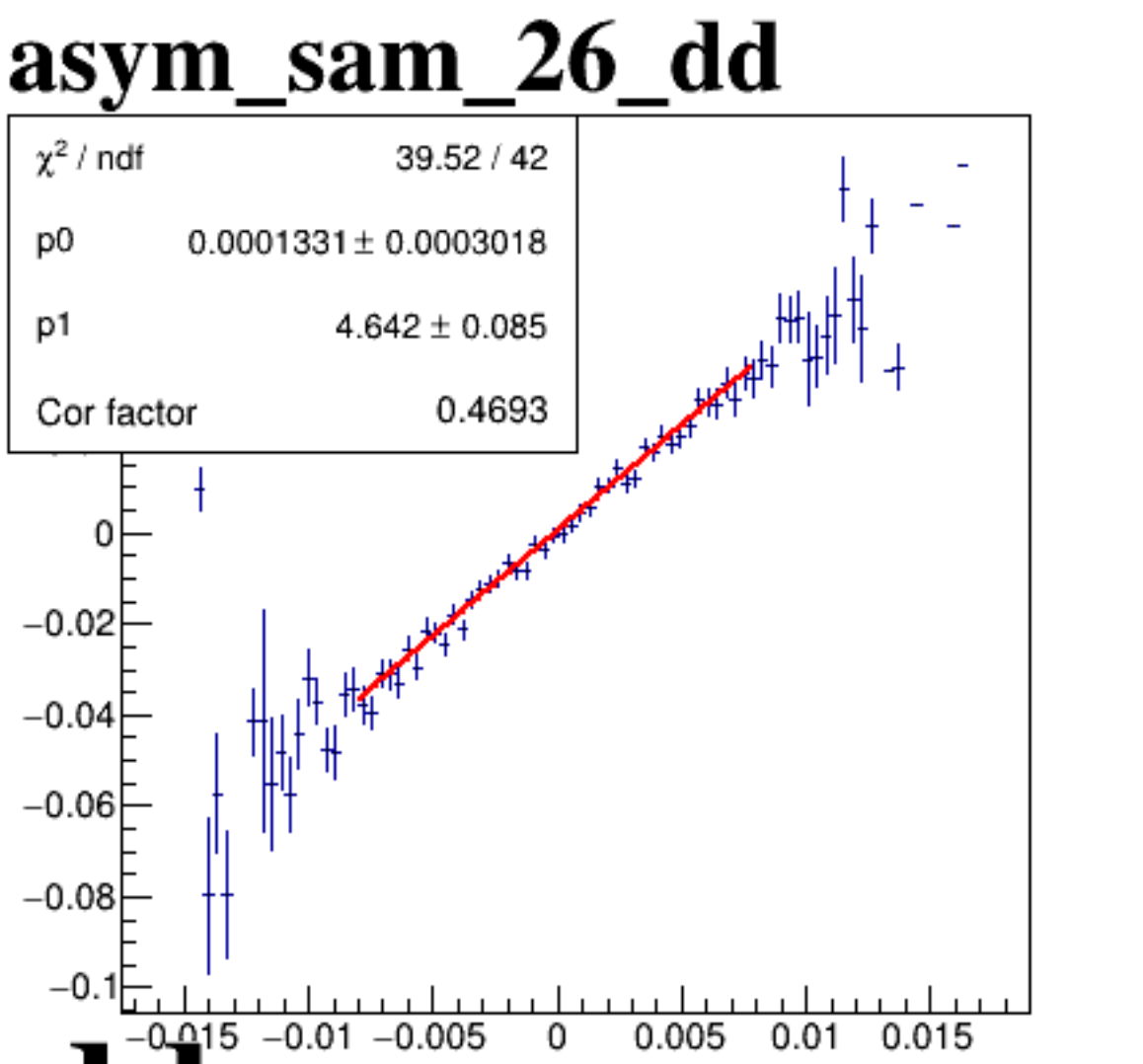
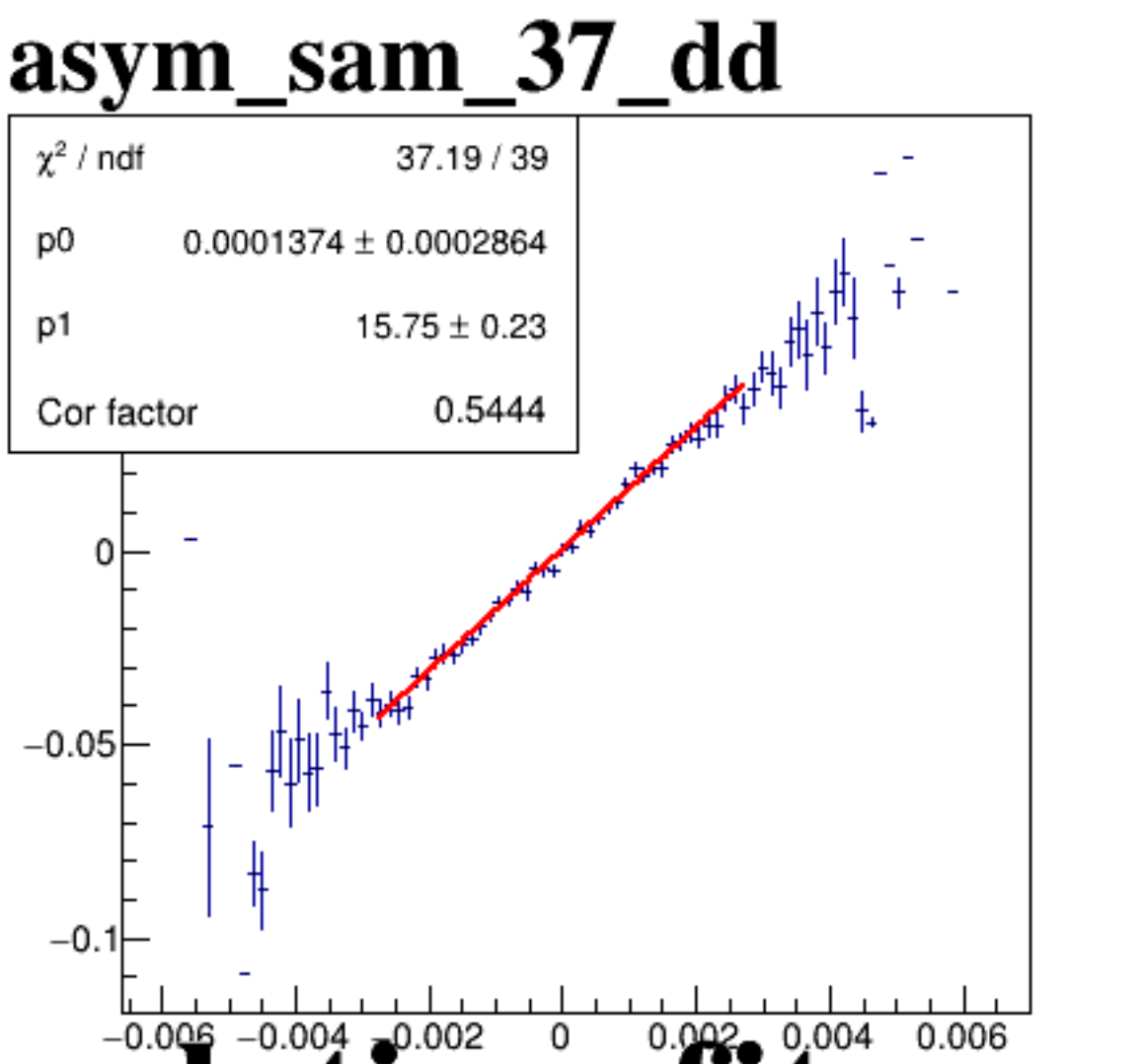
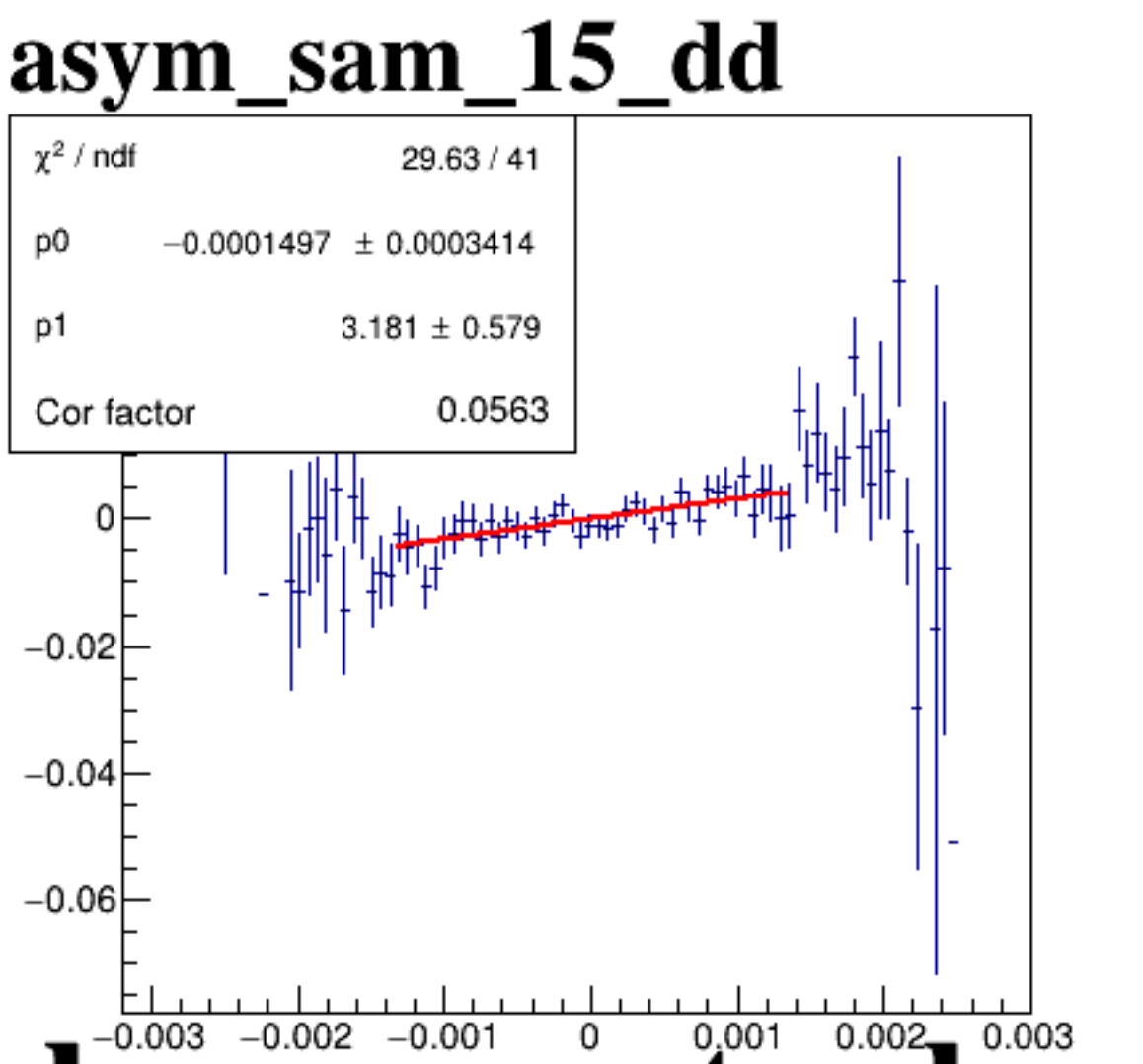
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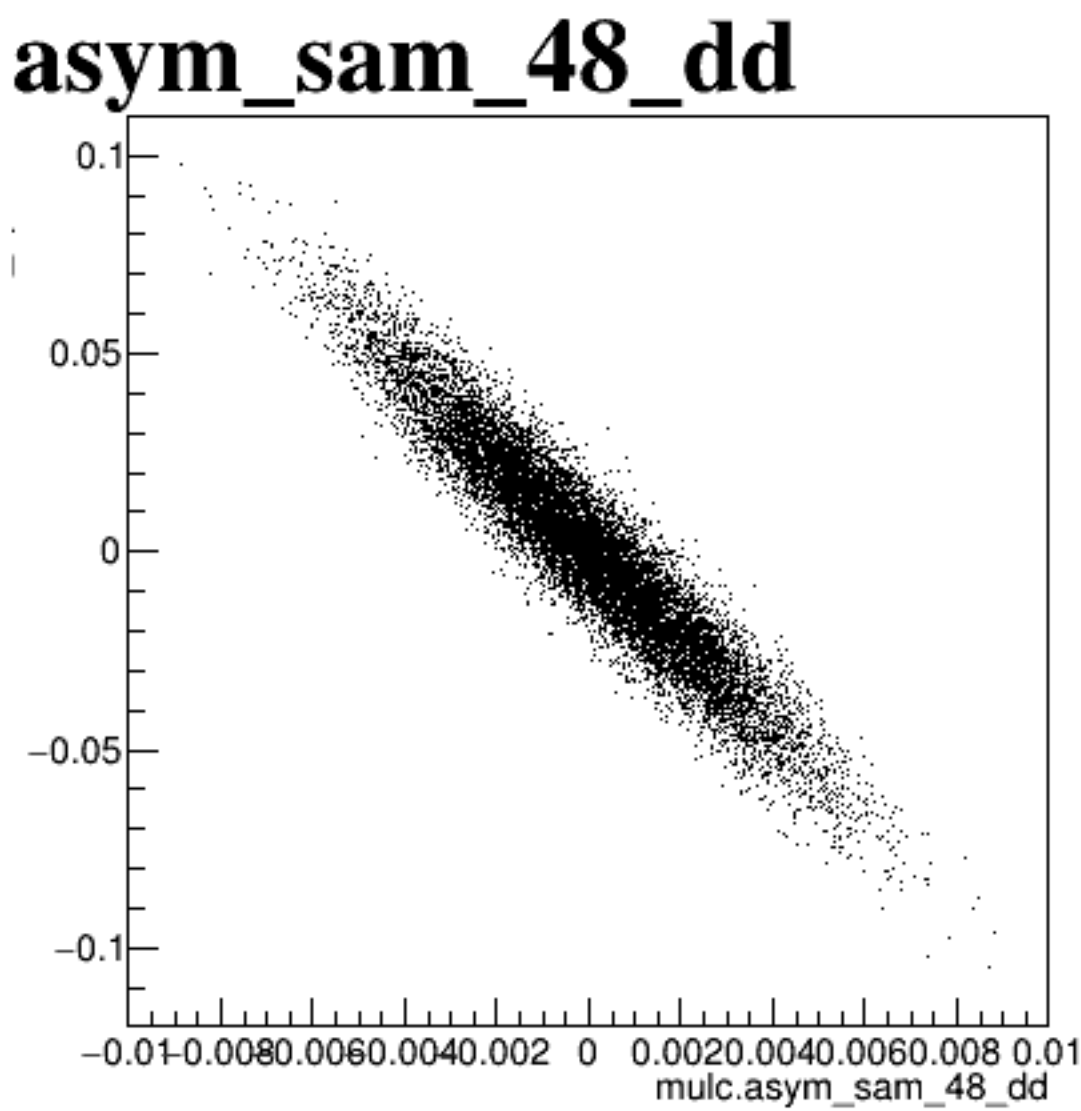
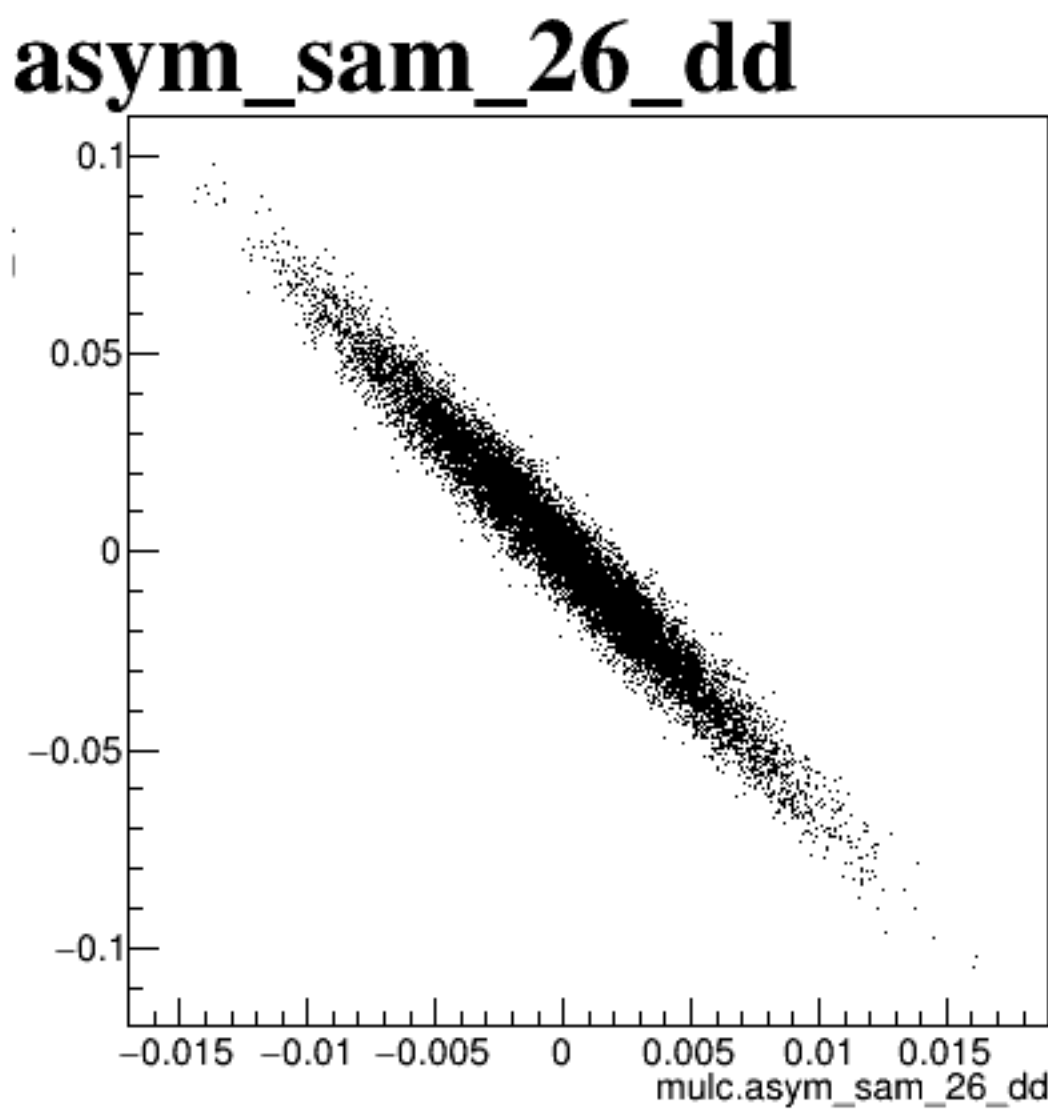
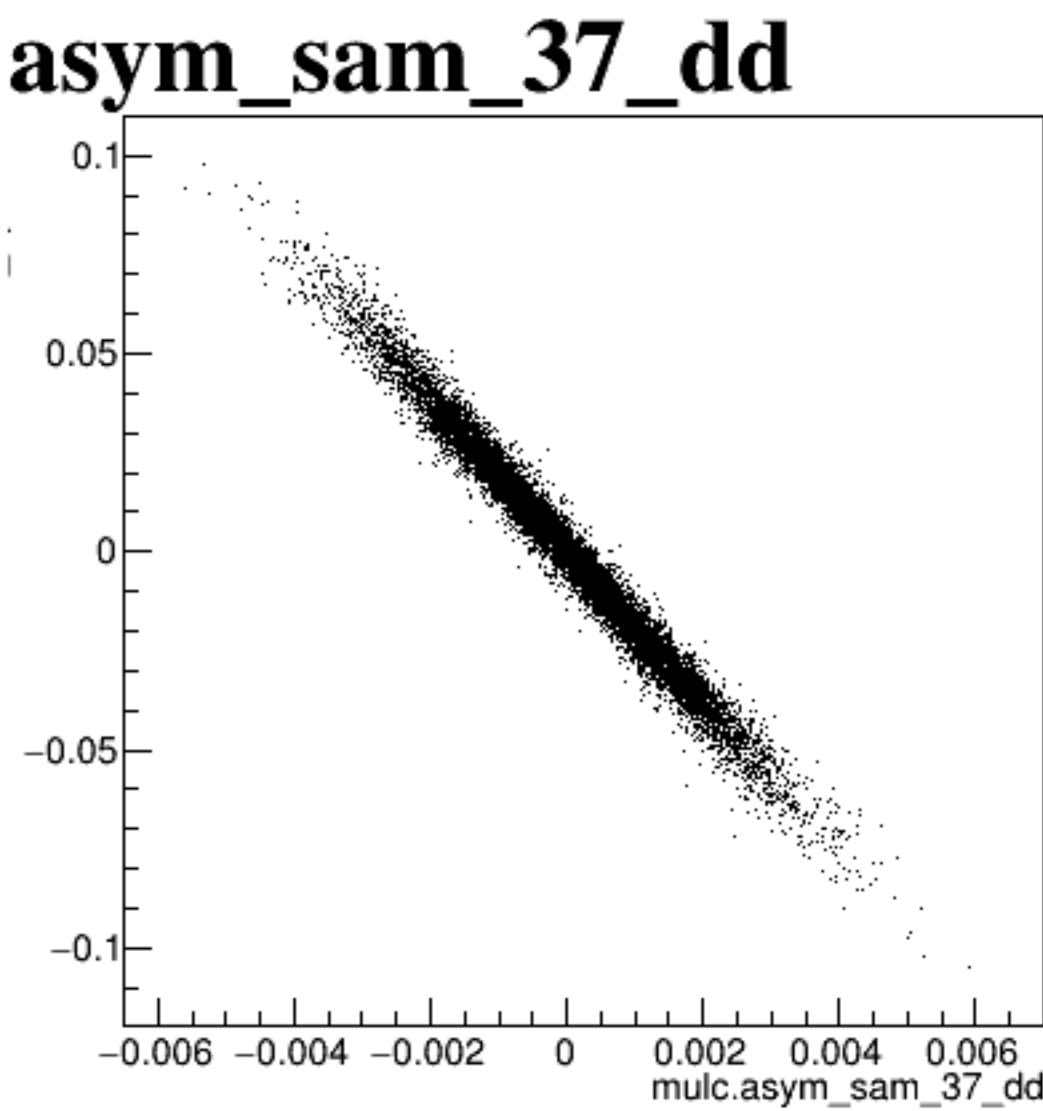
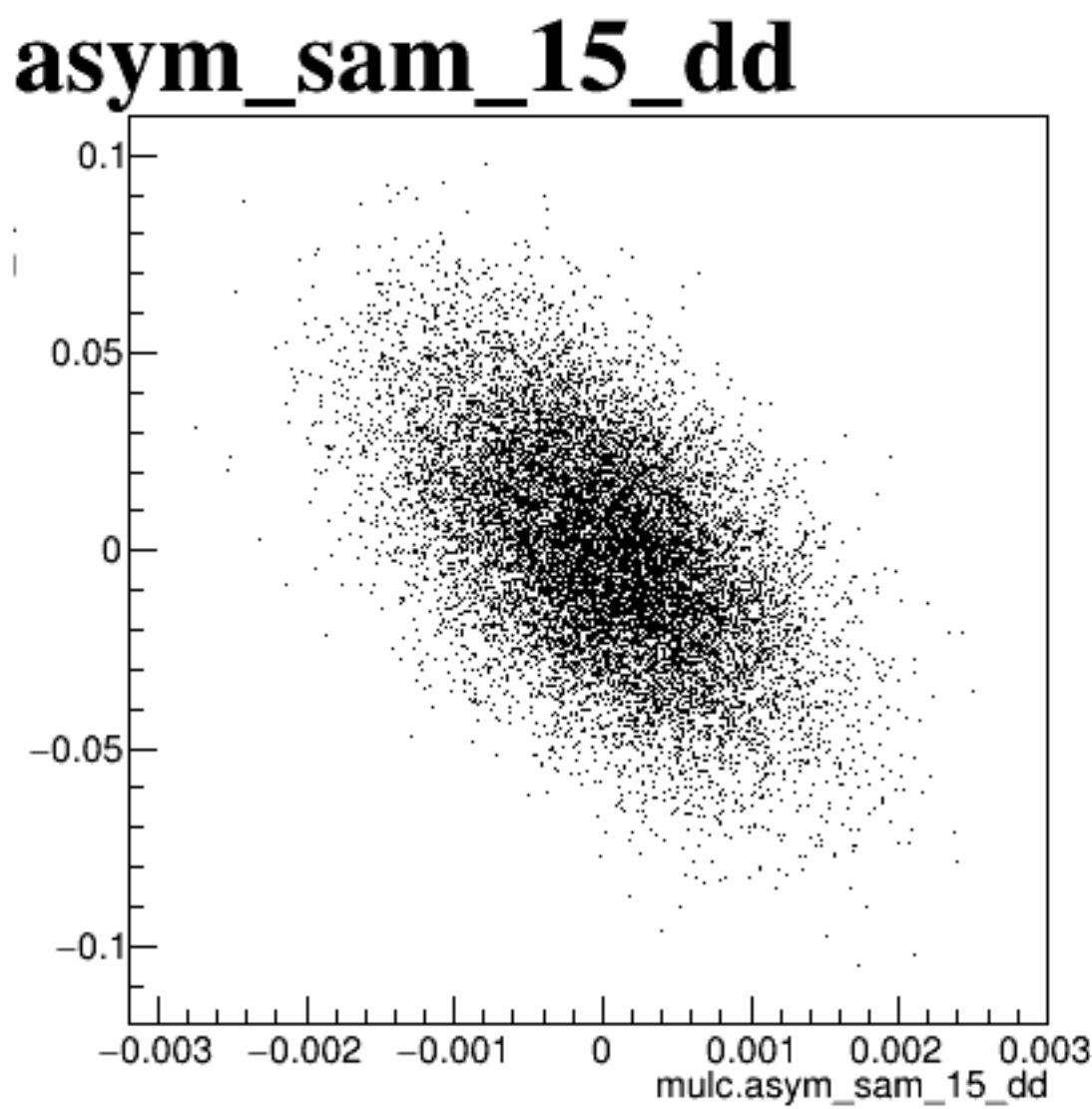
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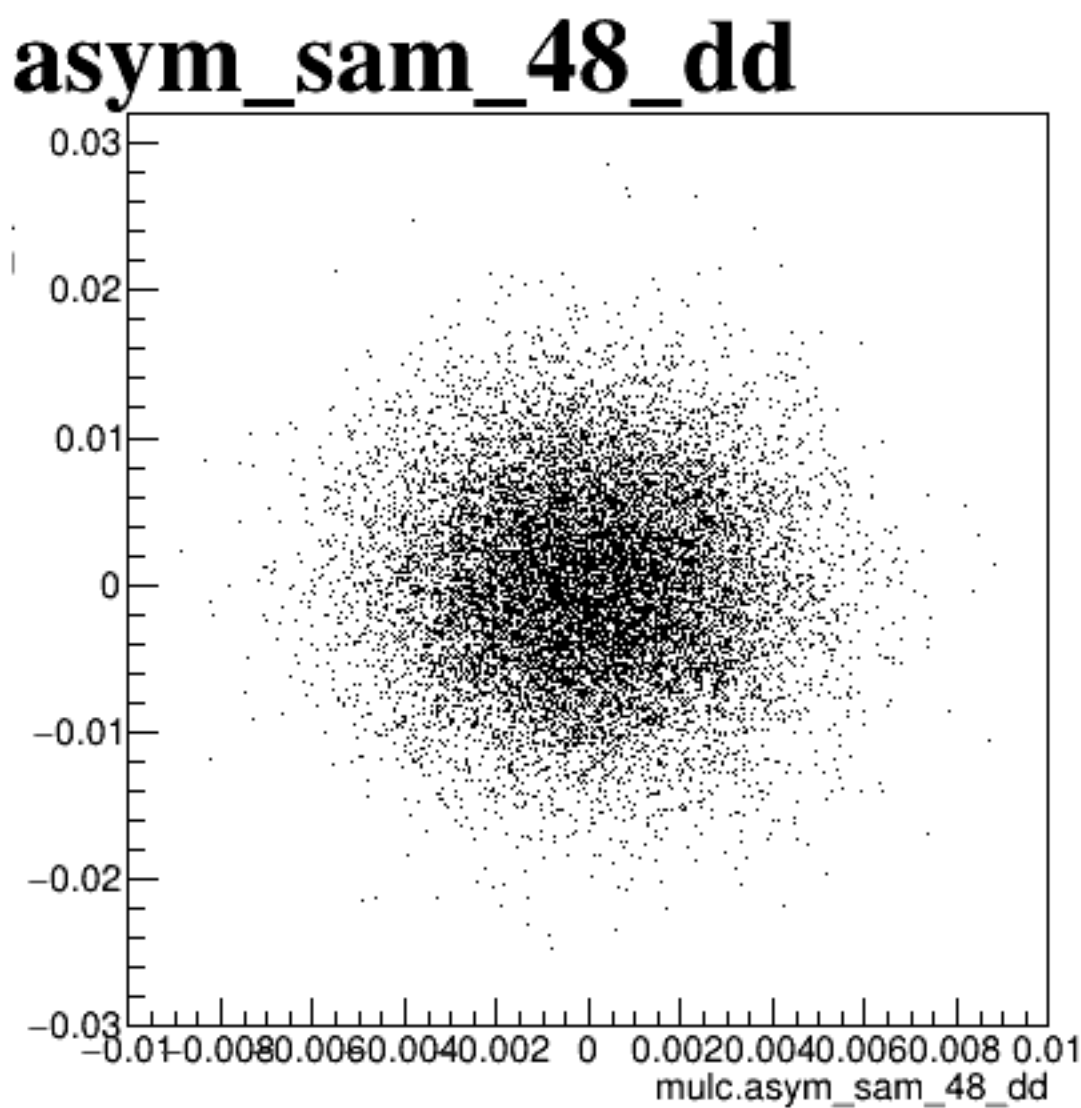
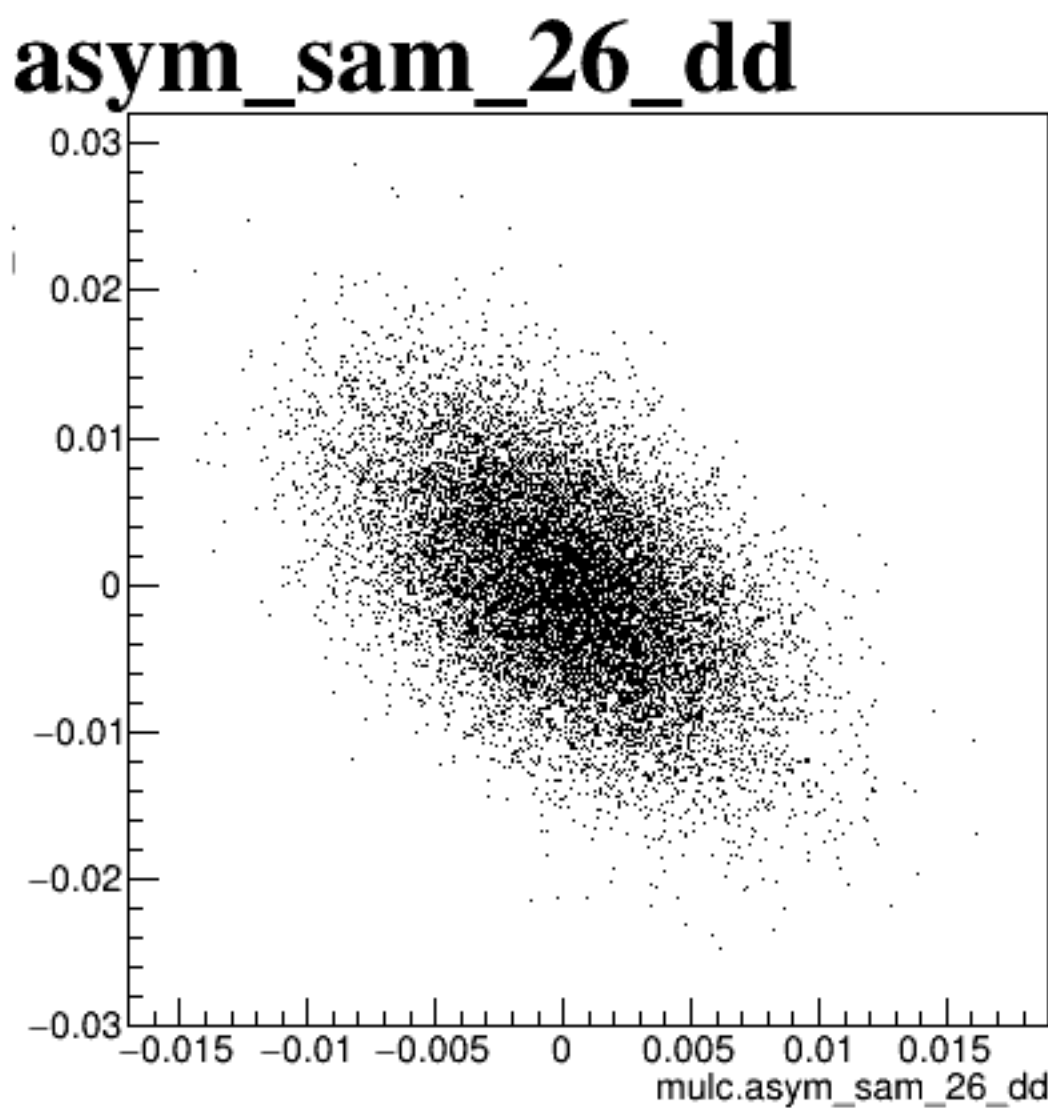
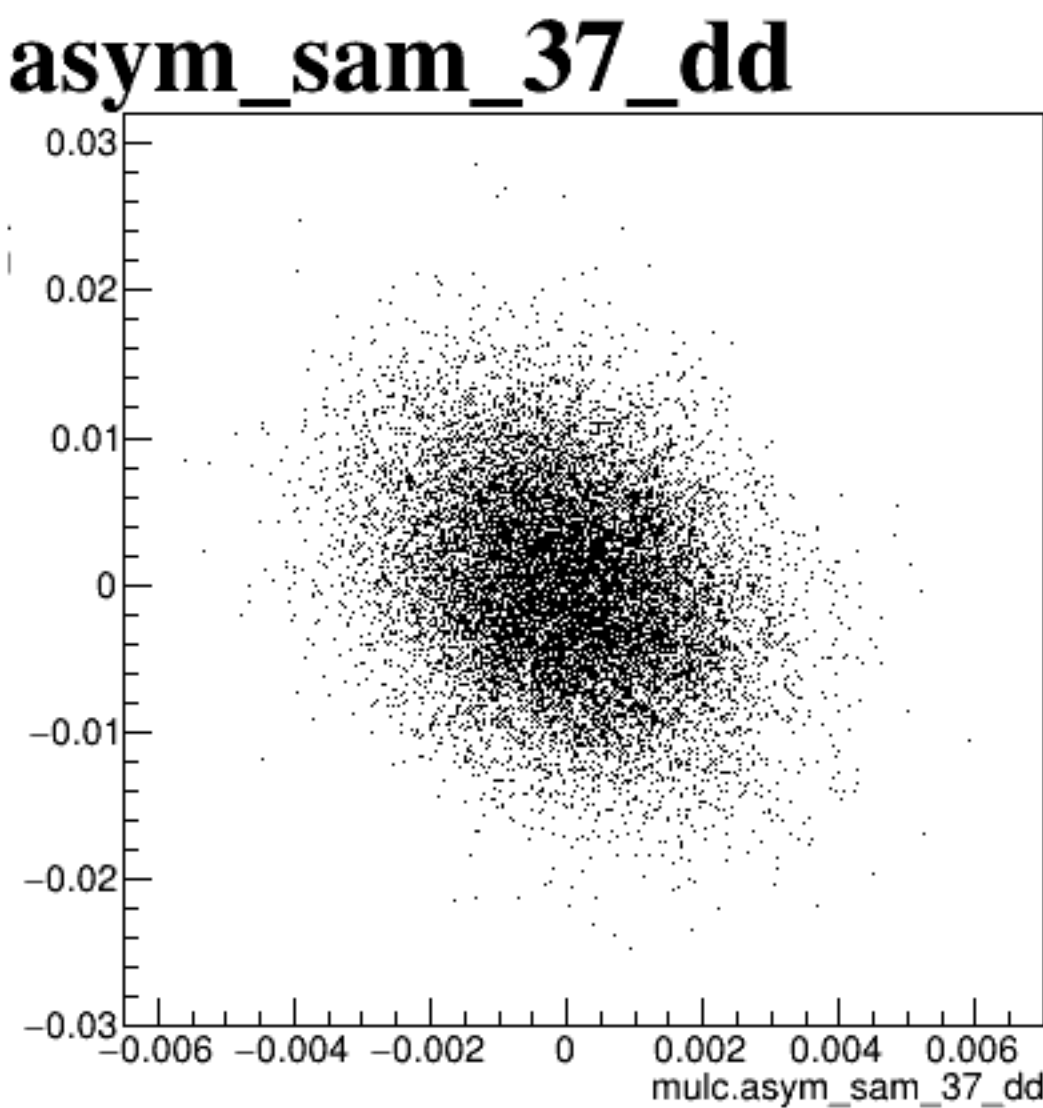
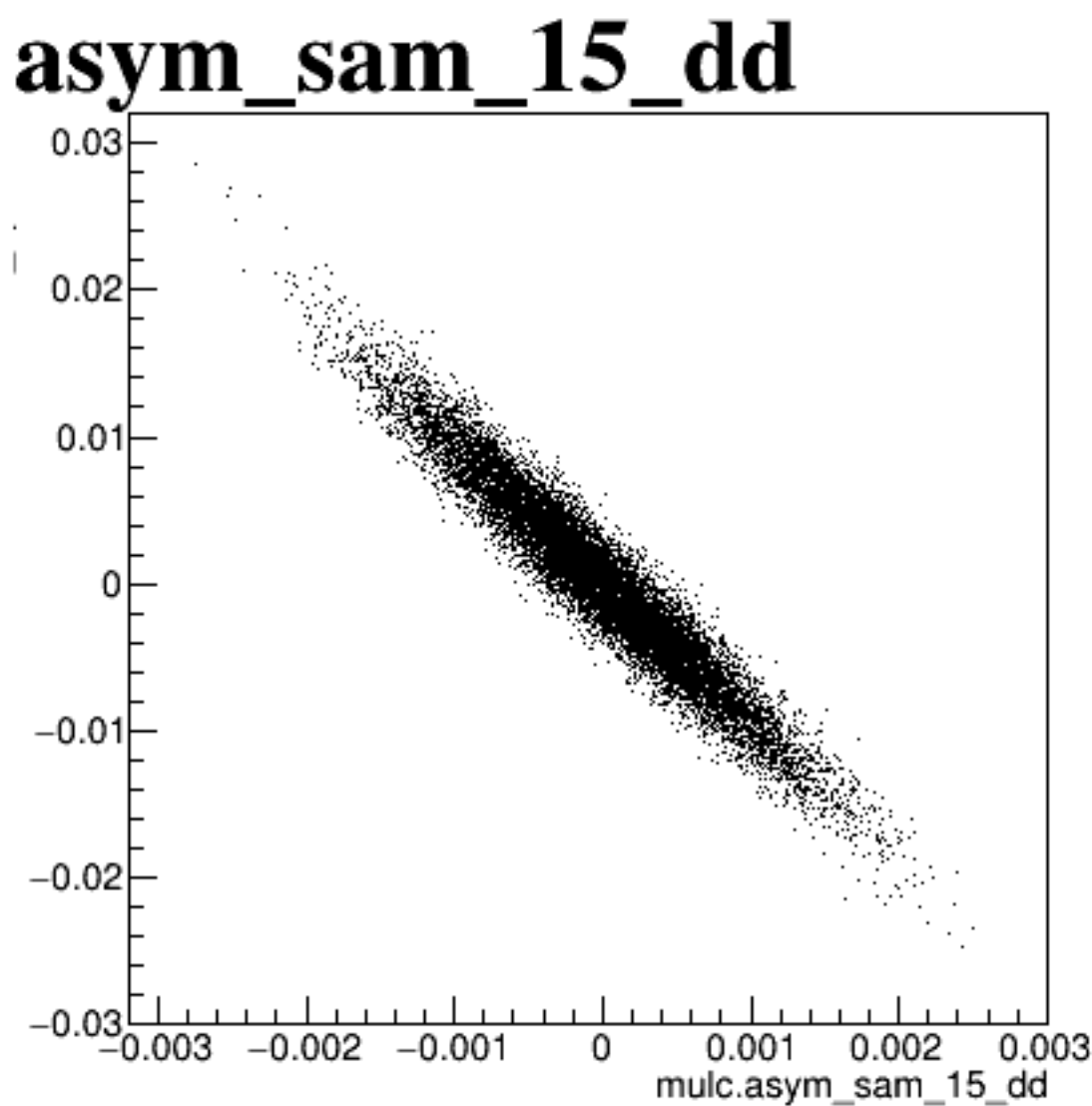
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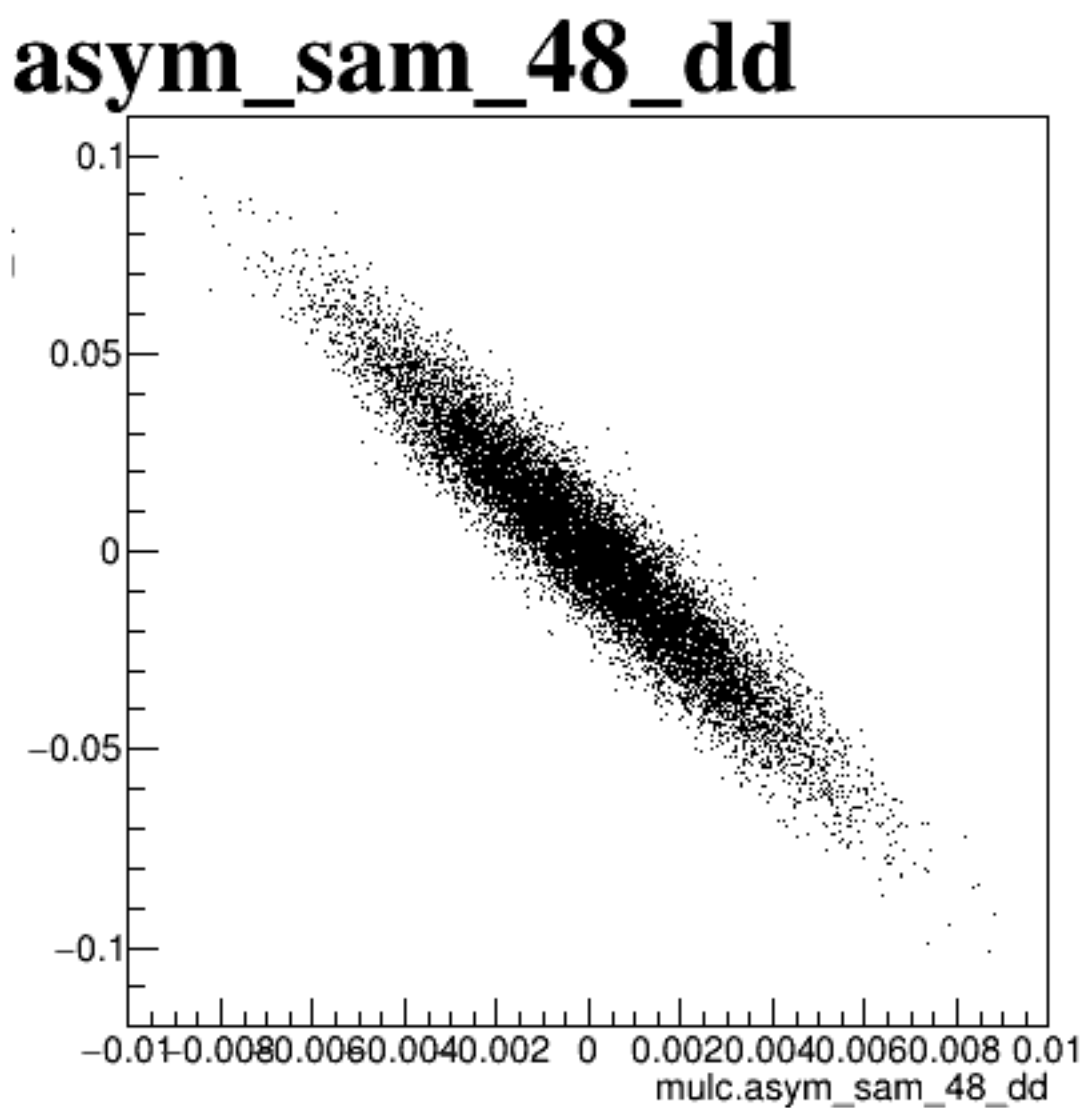
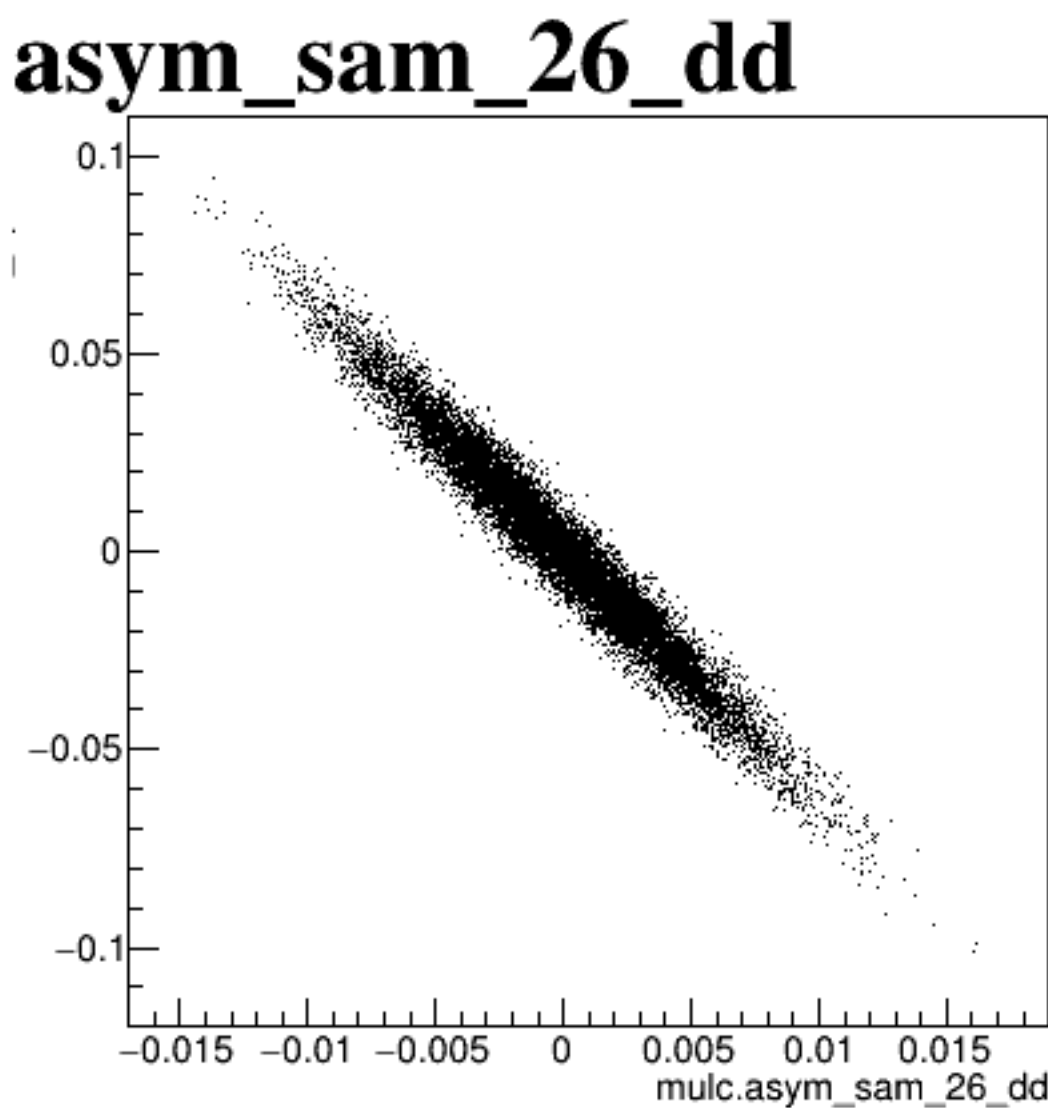
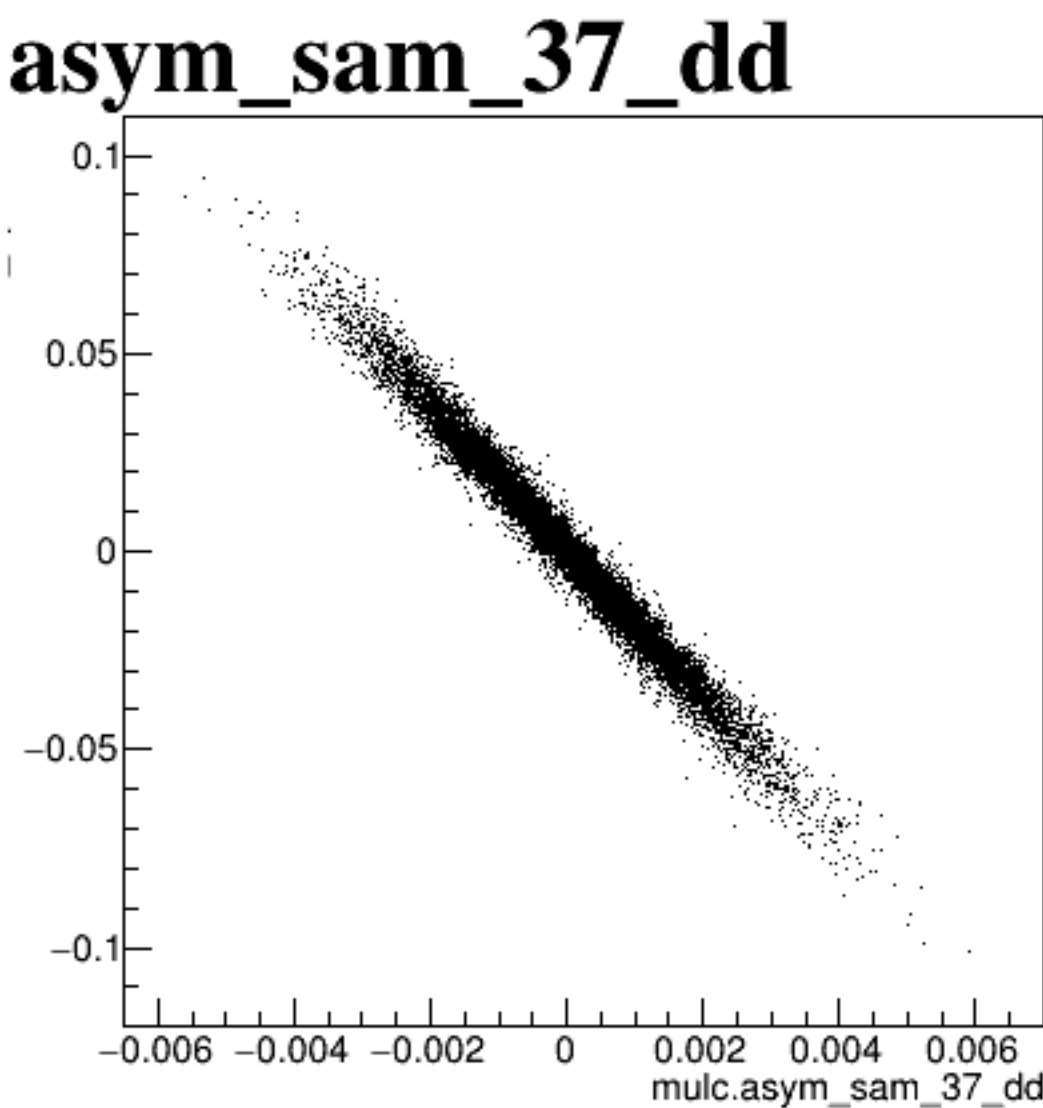
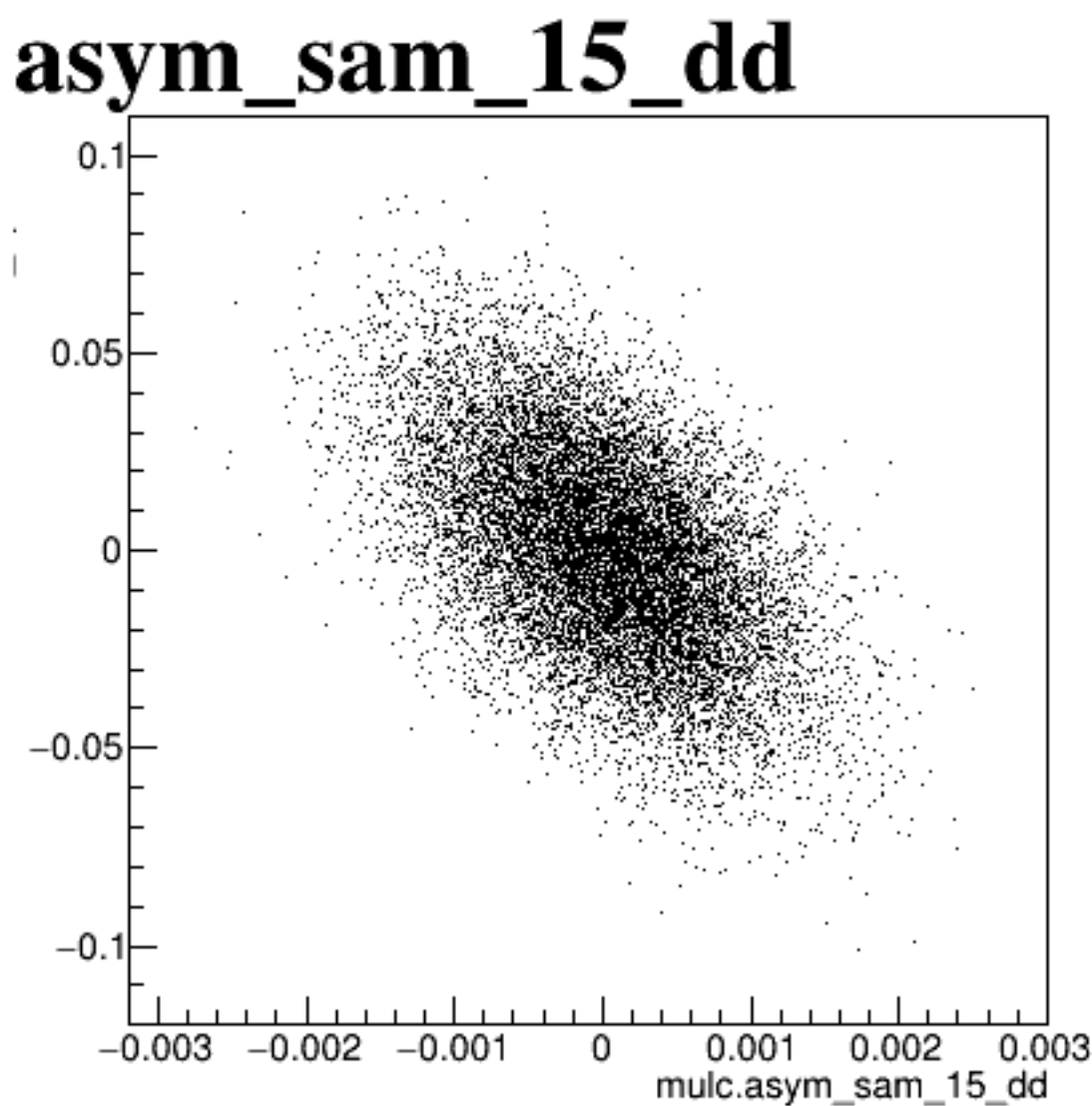
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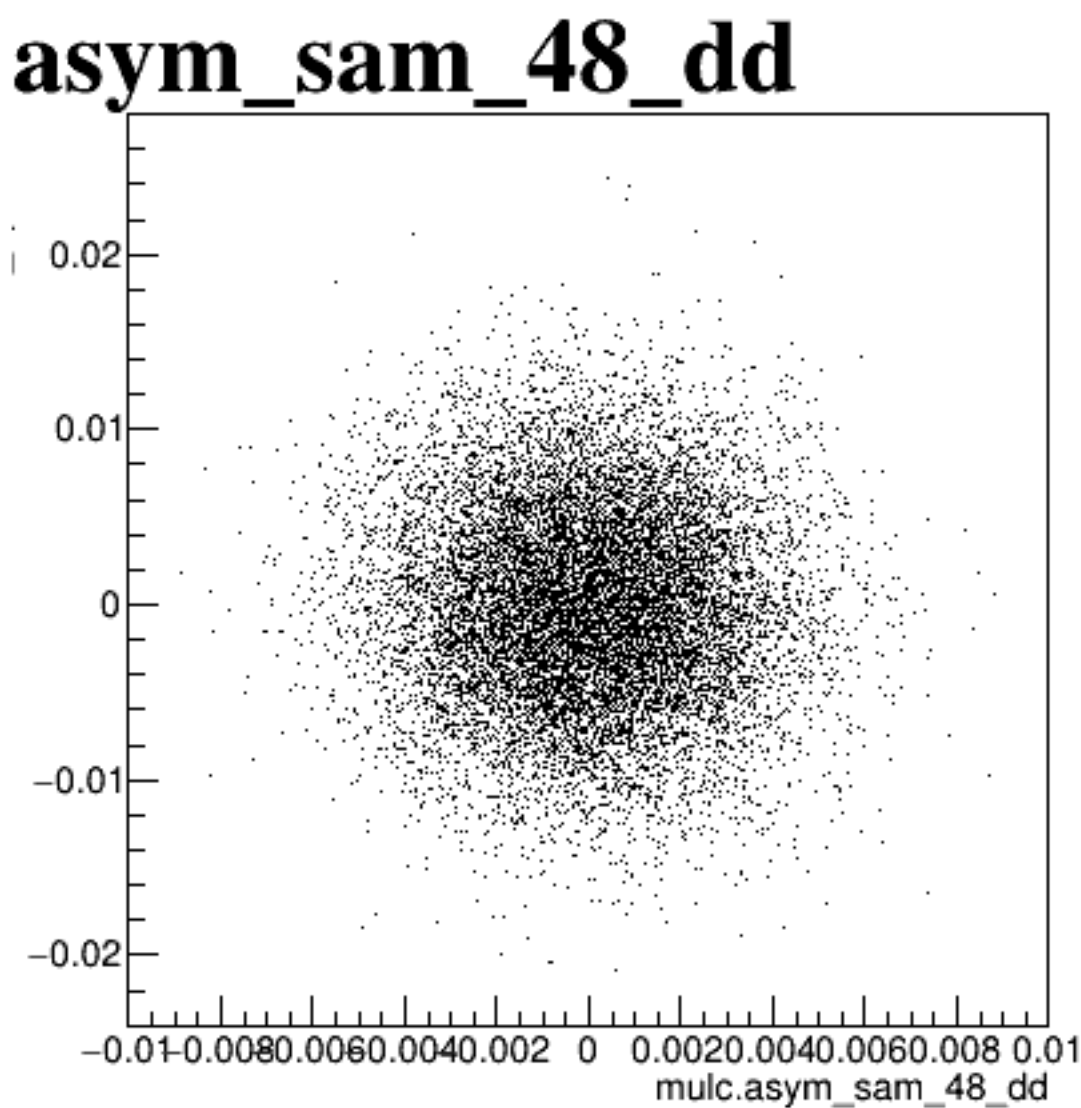
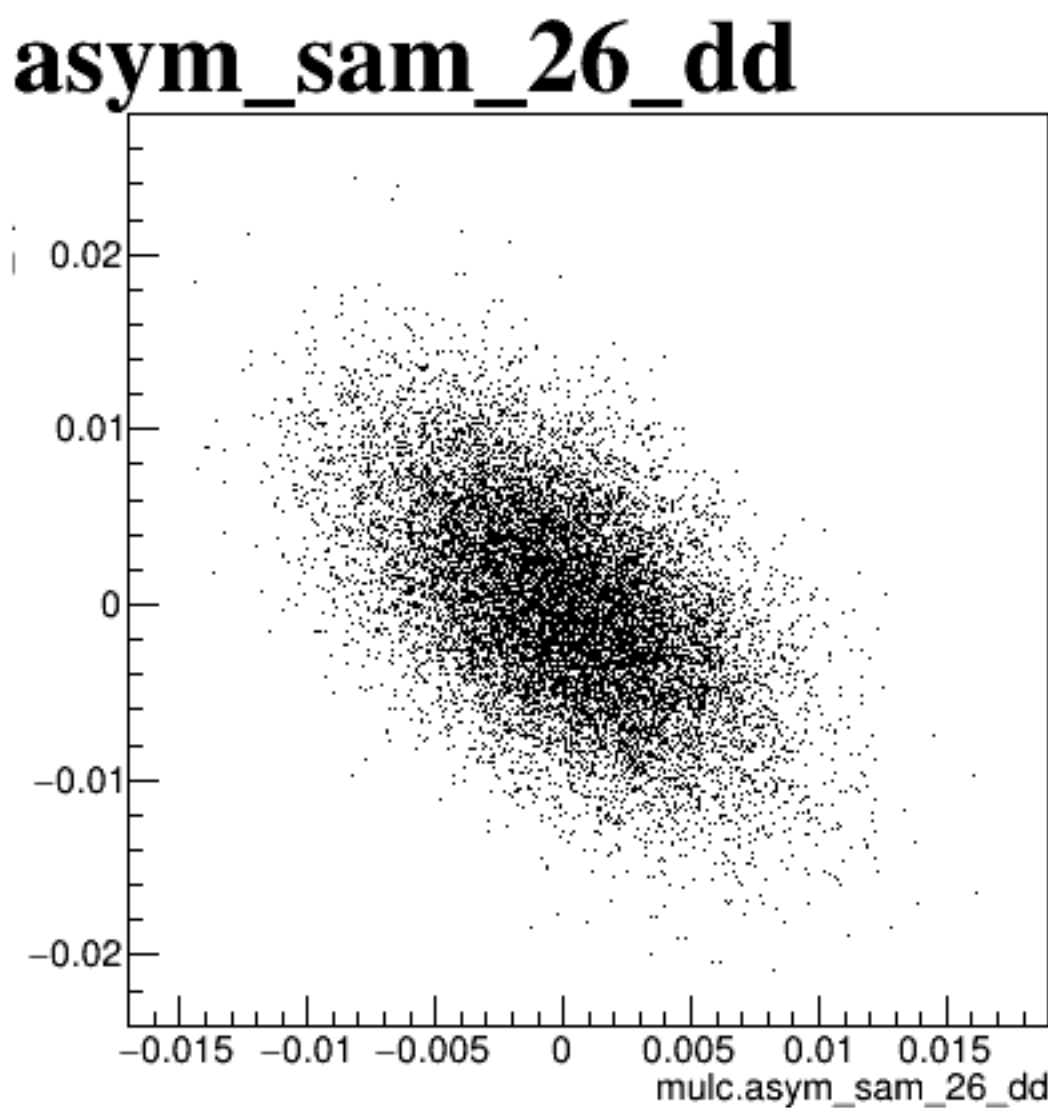
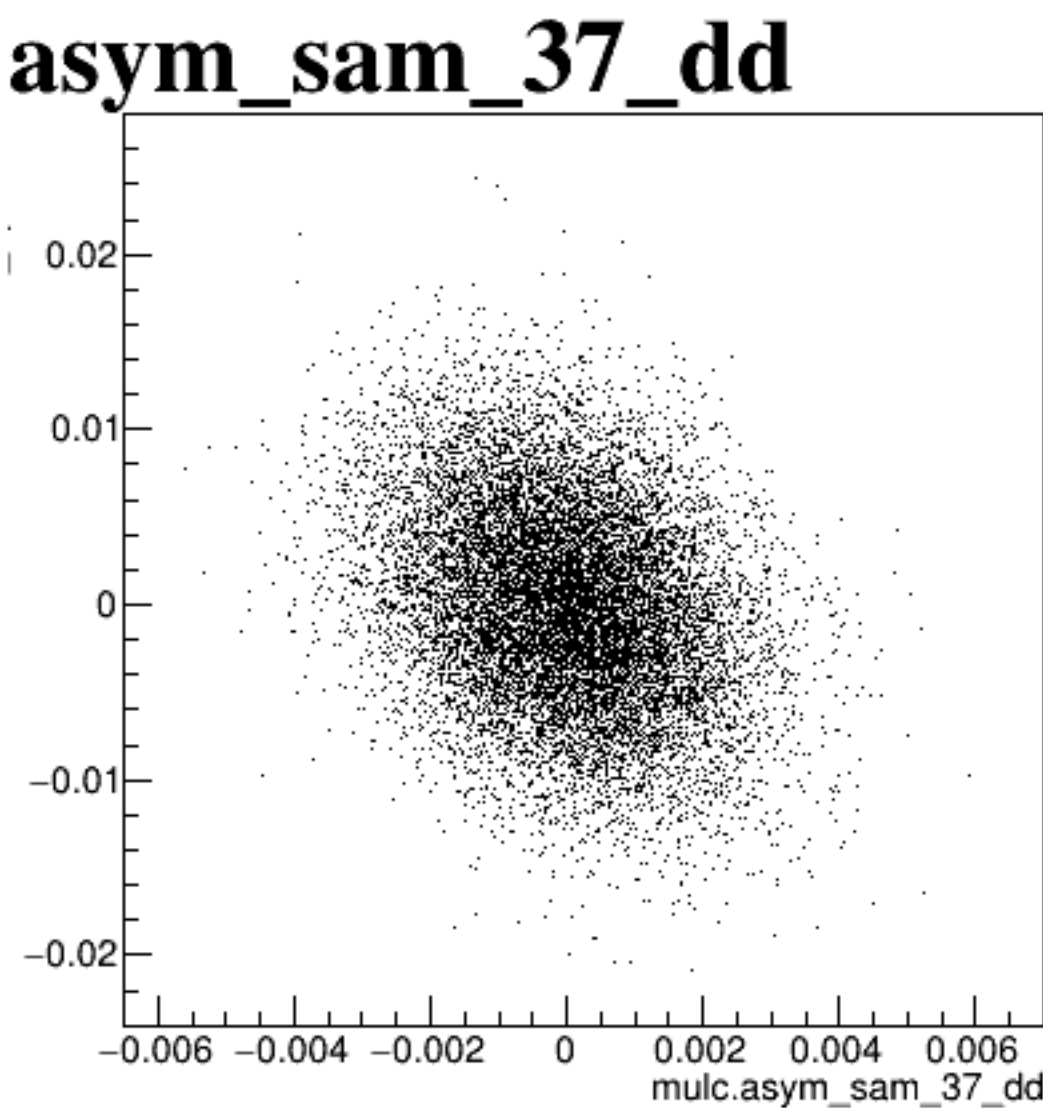
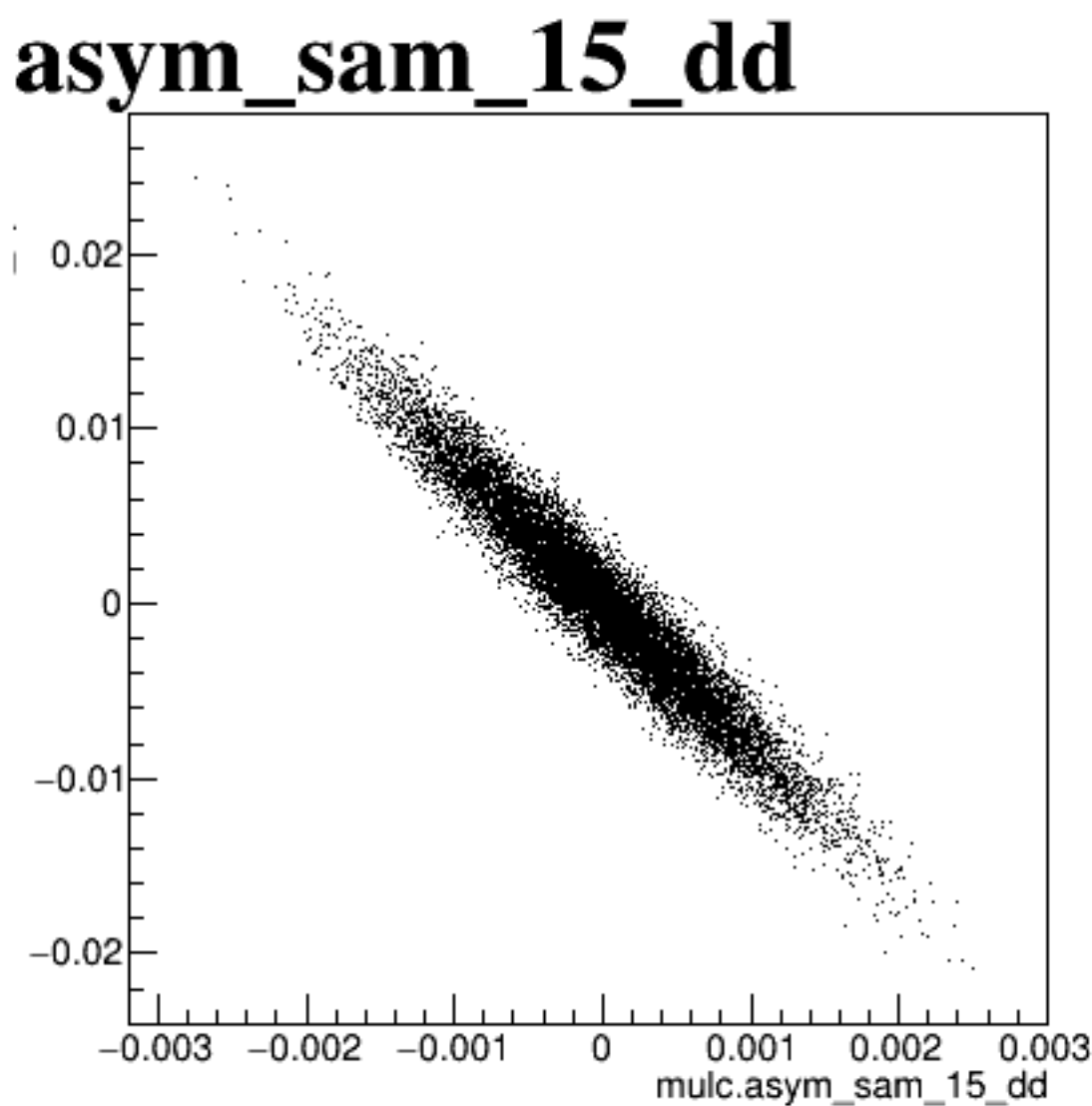
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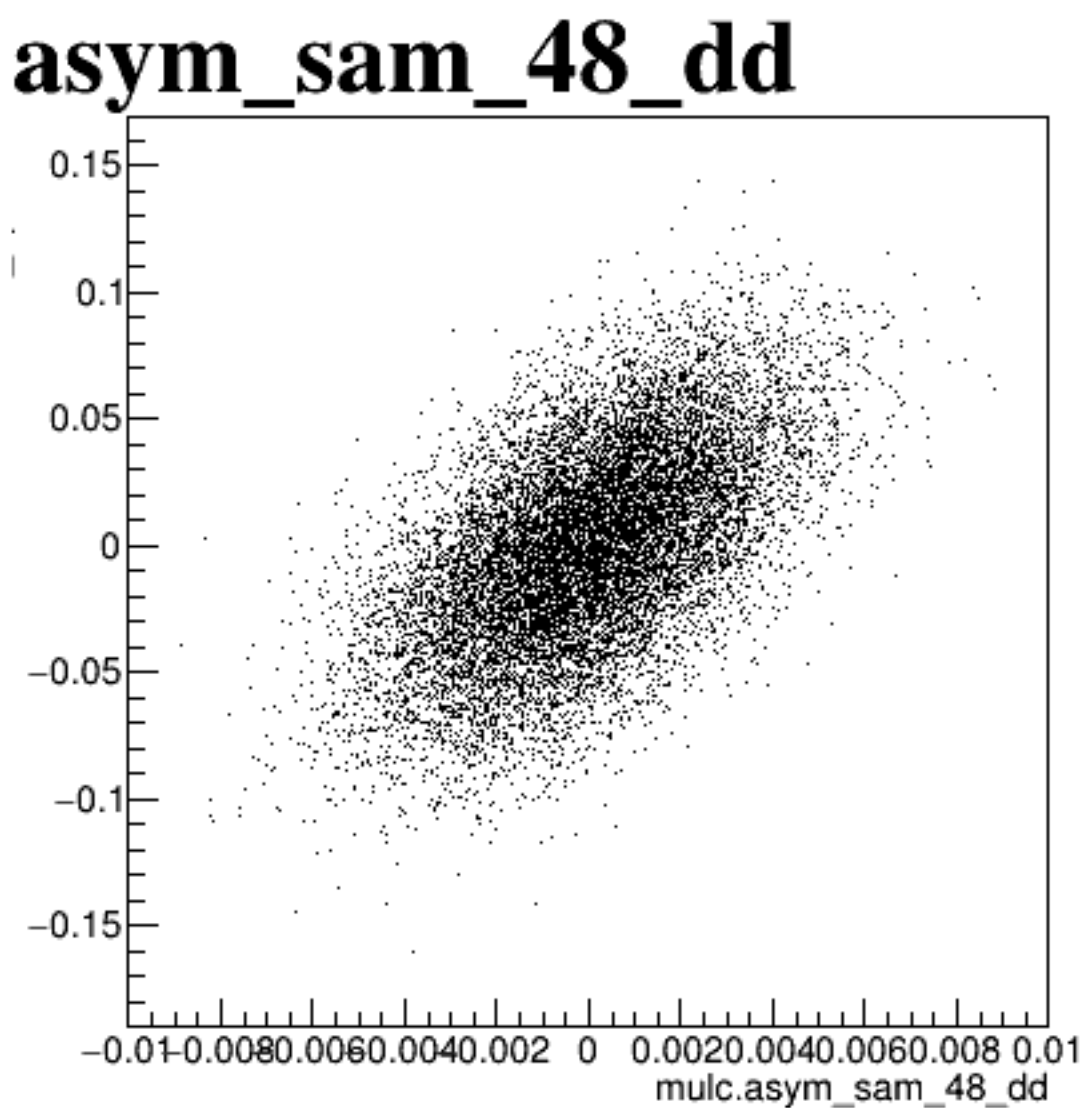
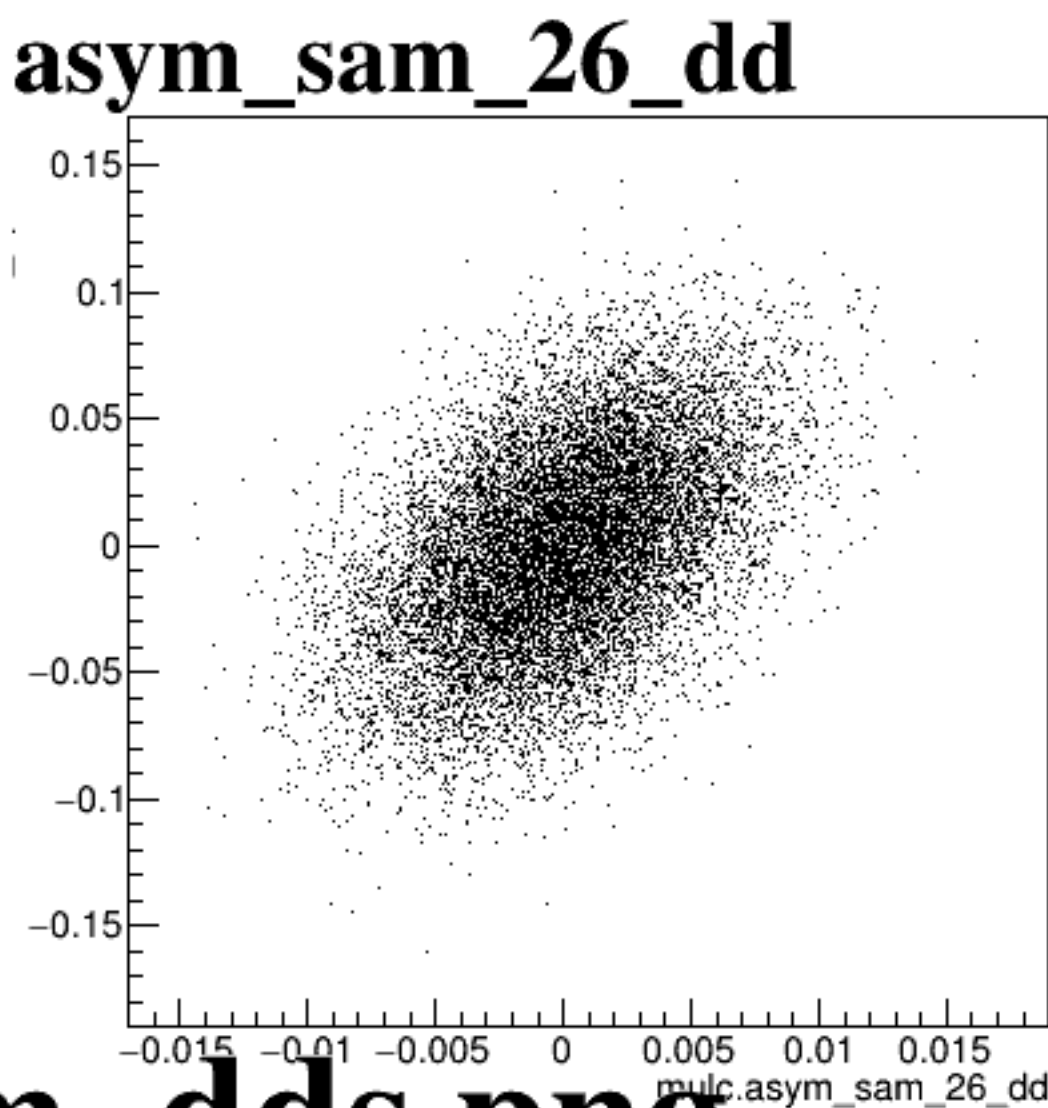
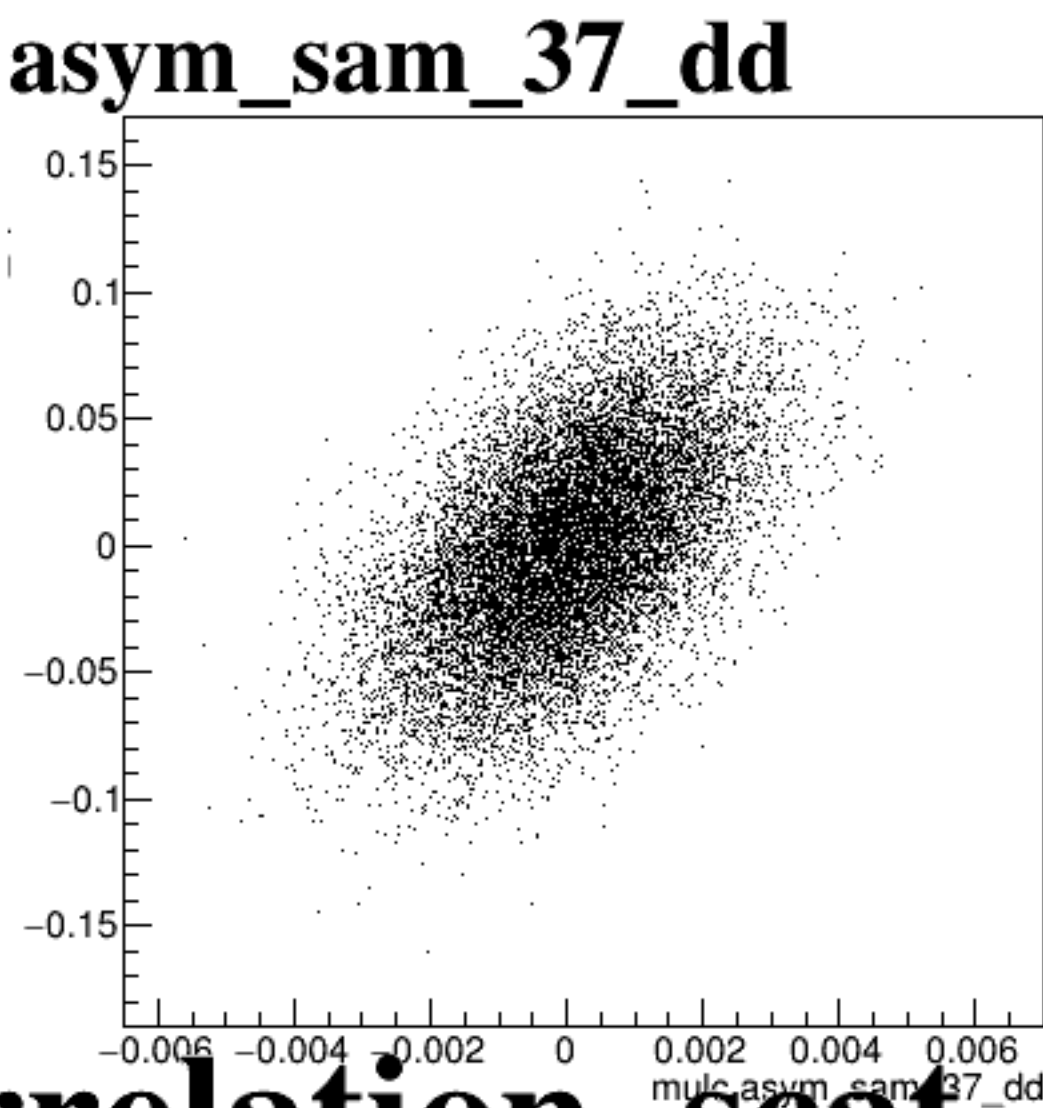
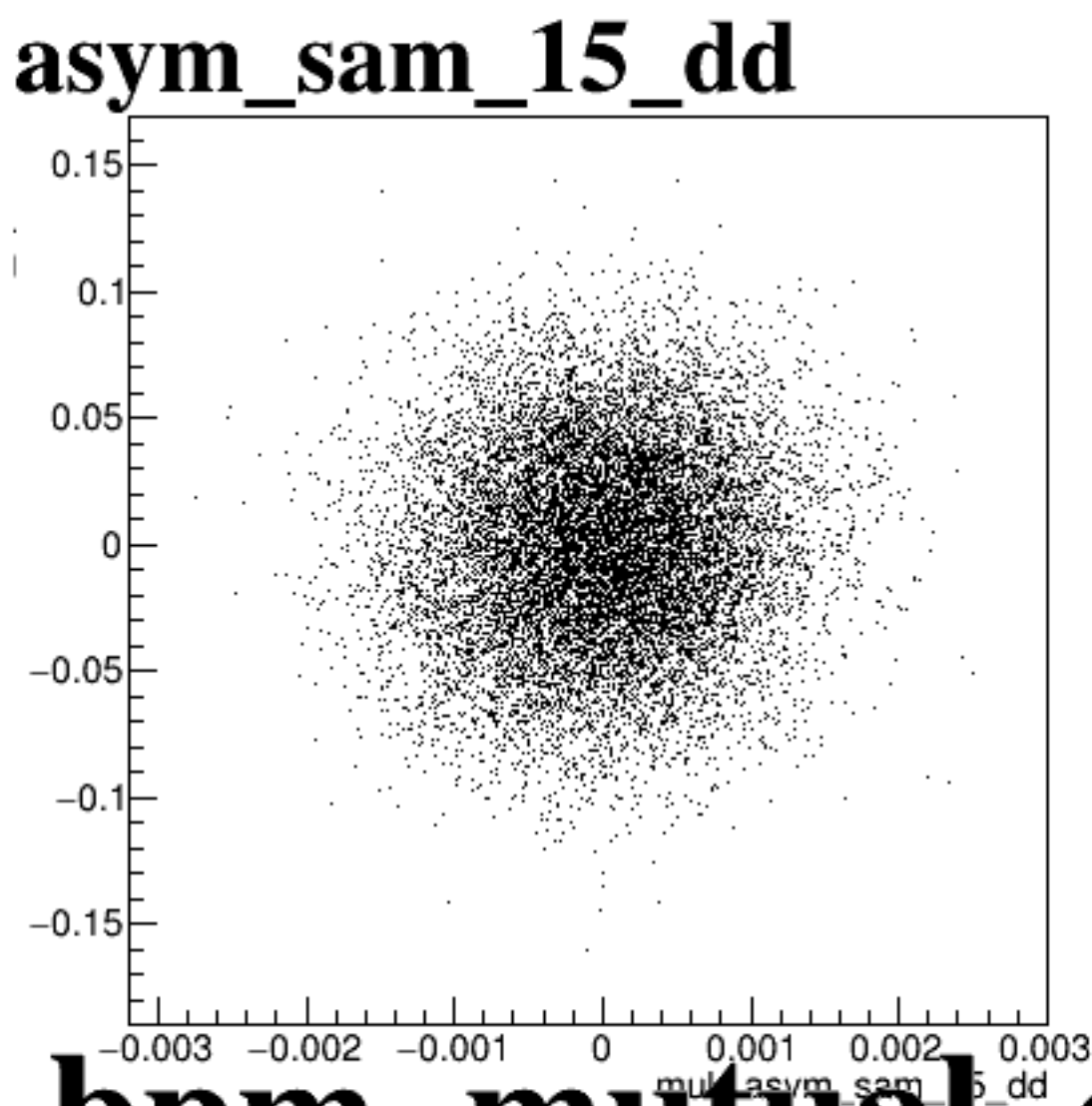
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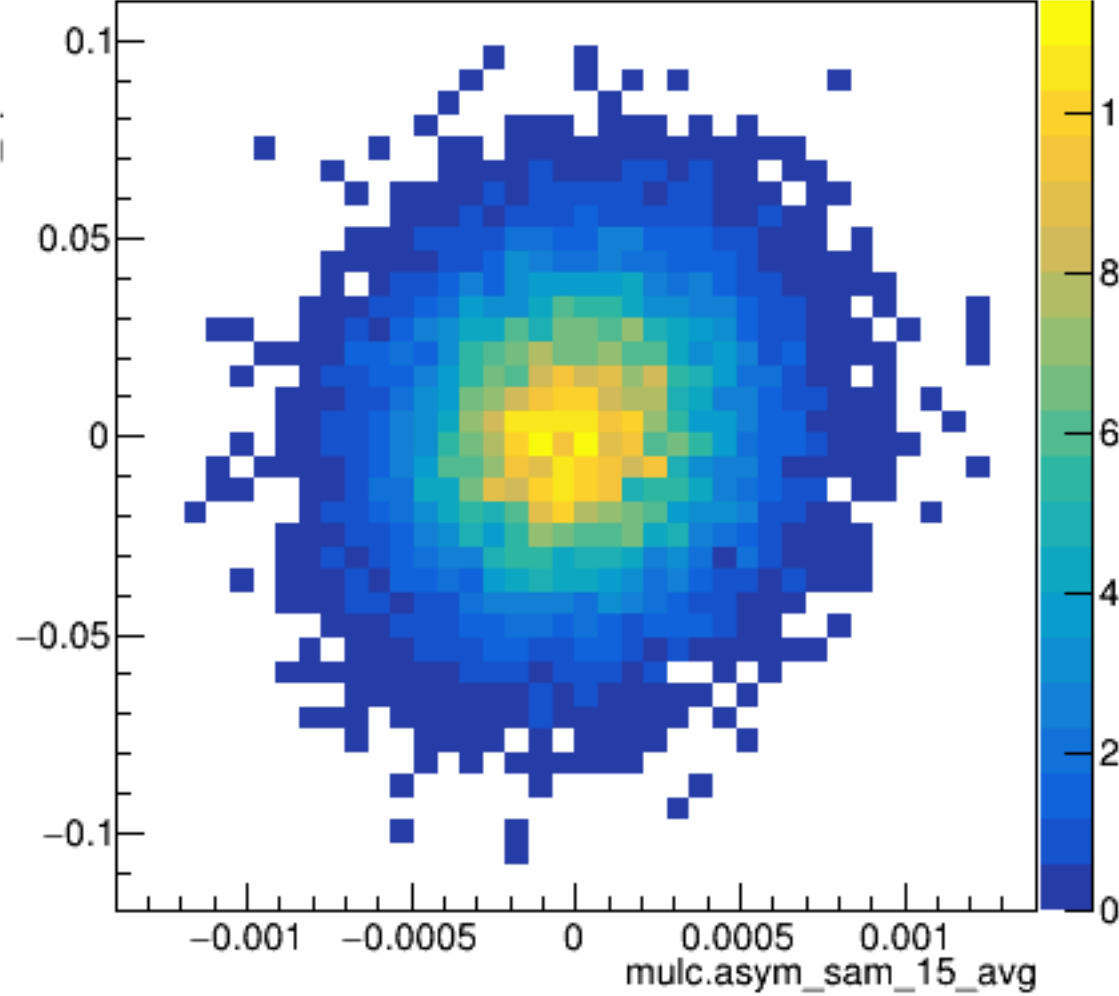


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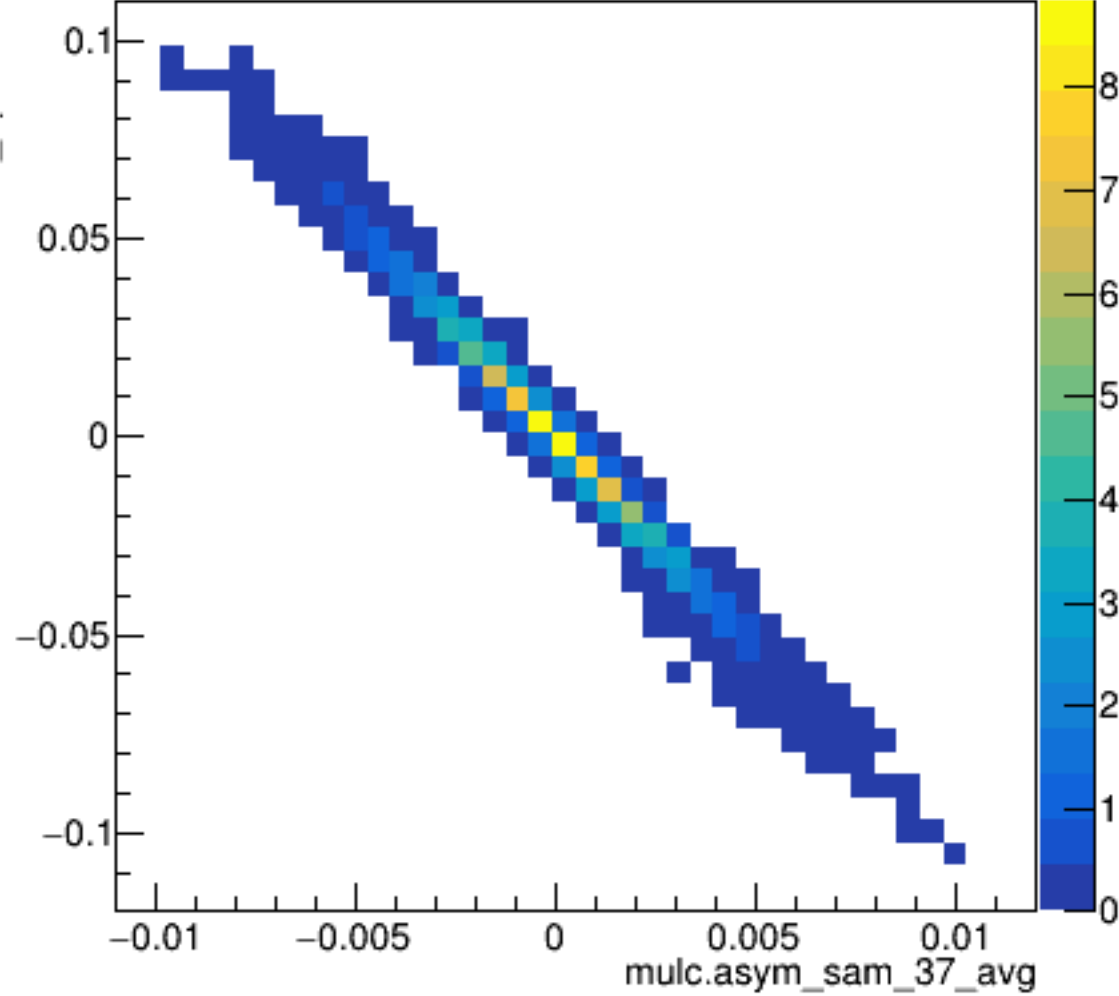


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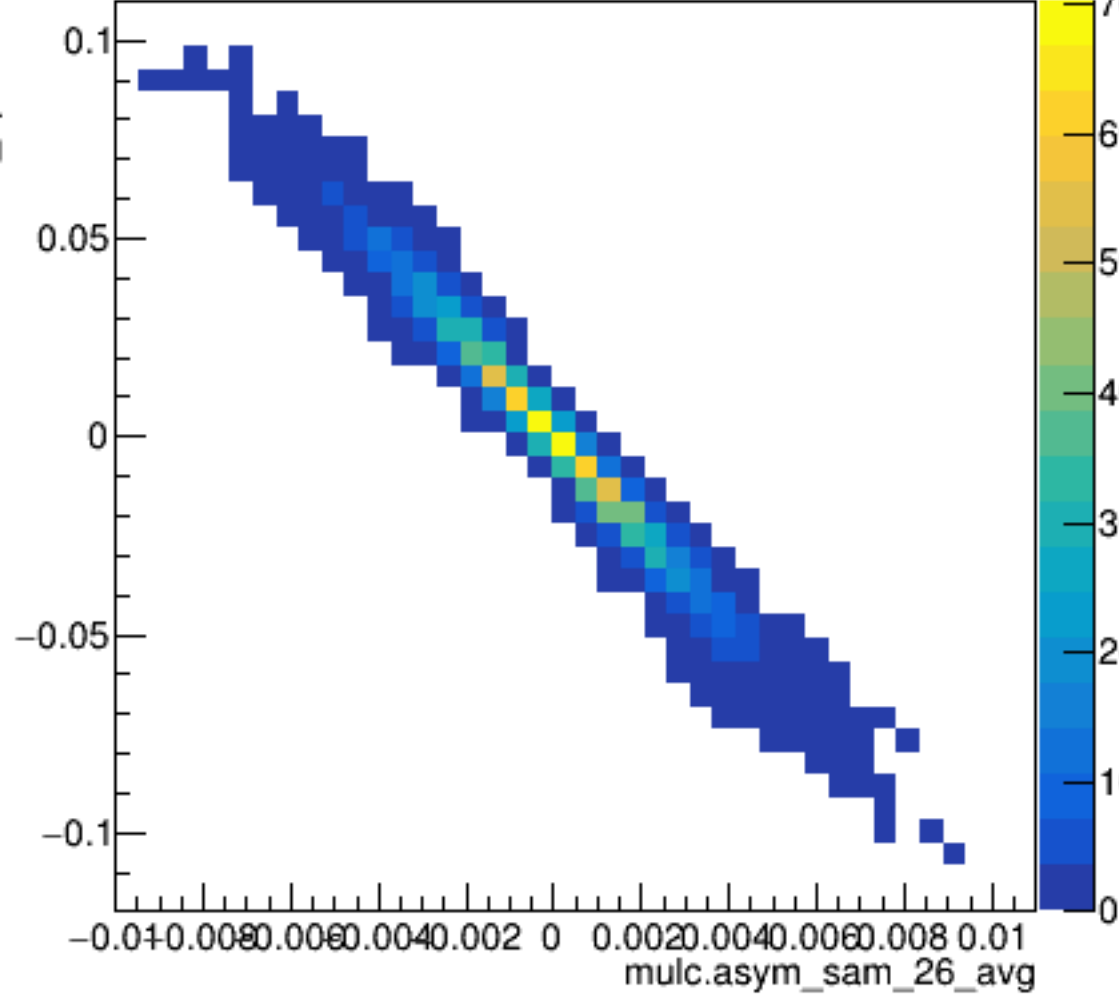
asym_sam_15_avg



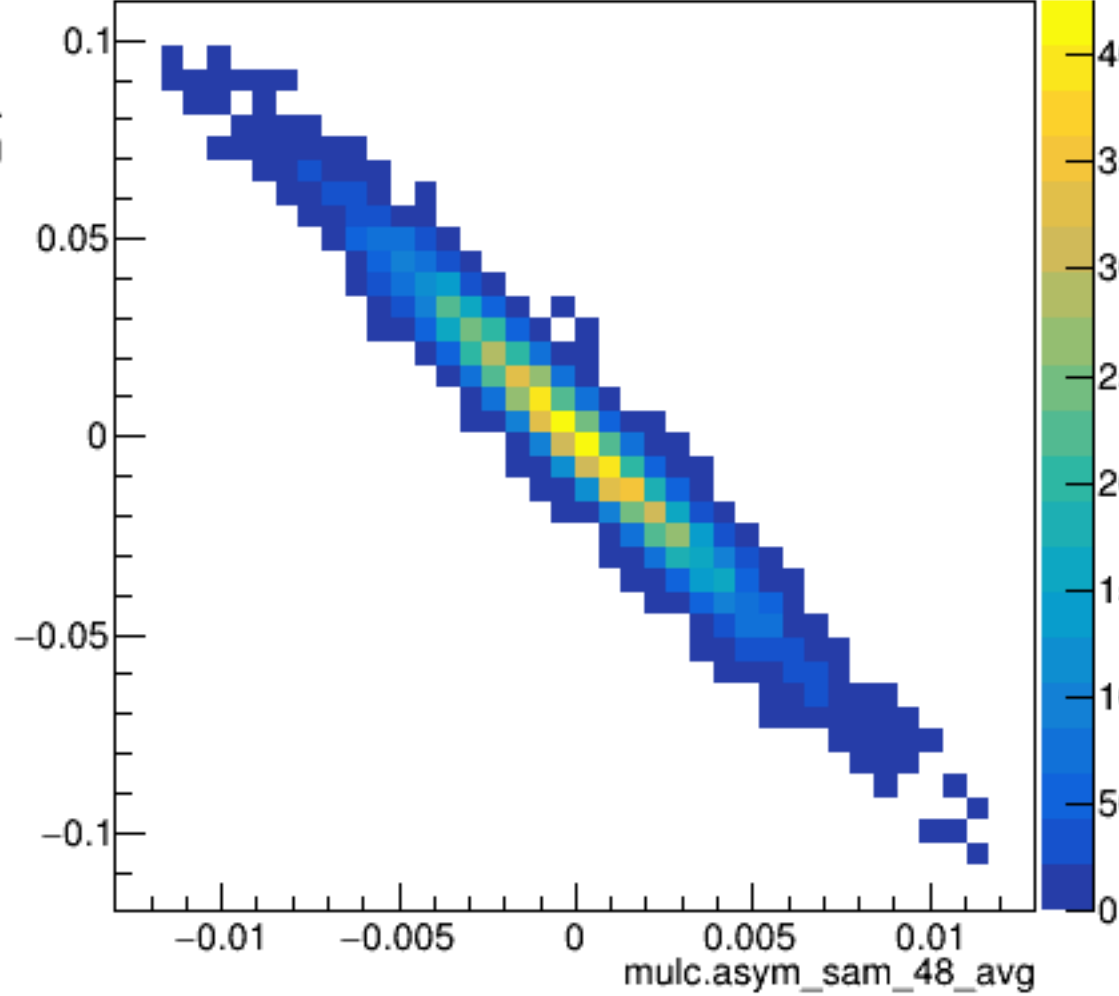
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asym_sam_26_avg

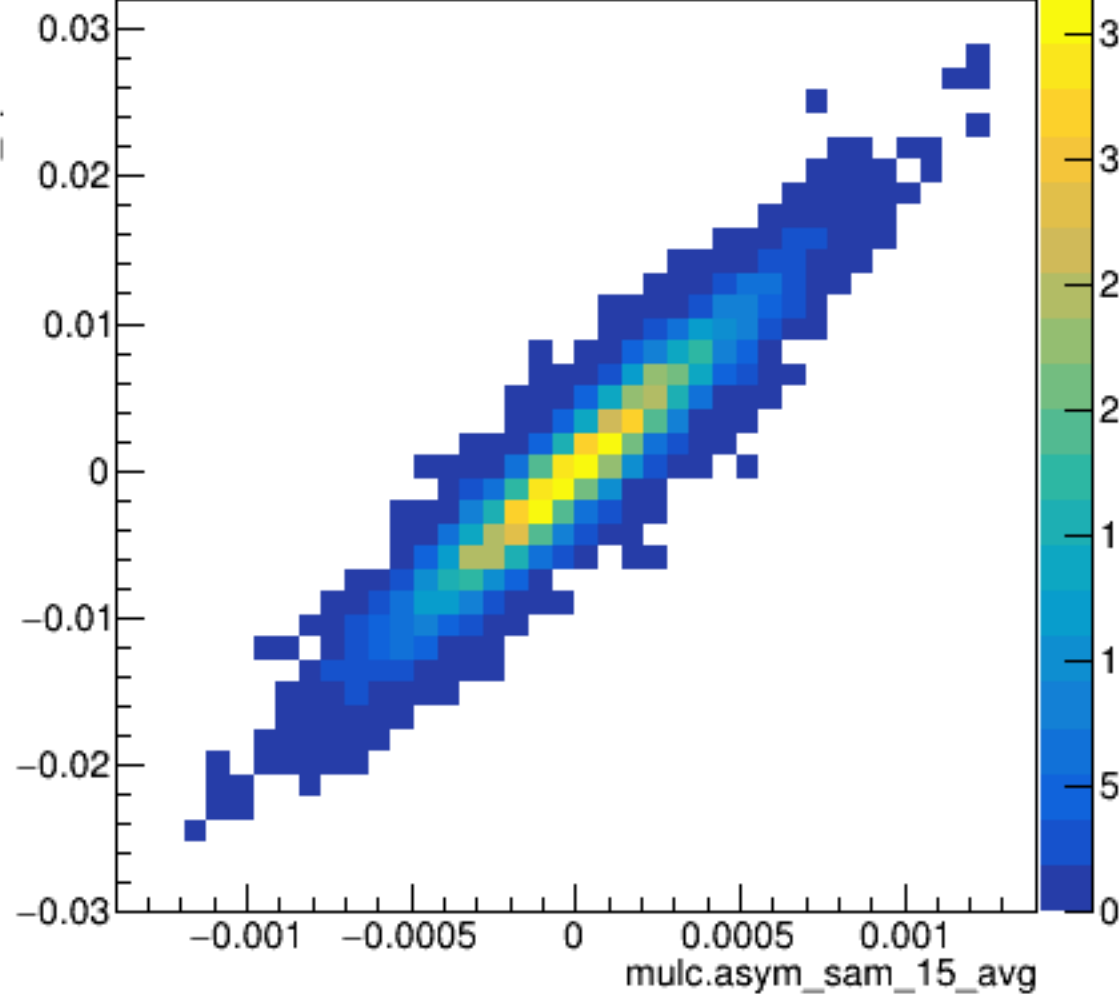


asym_sam_48_avg

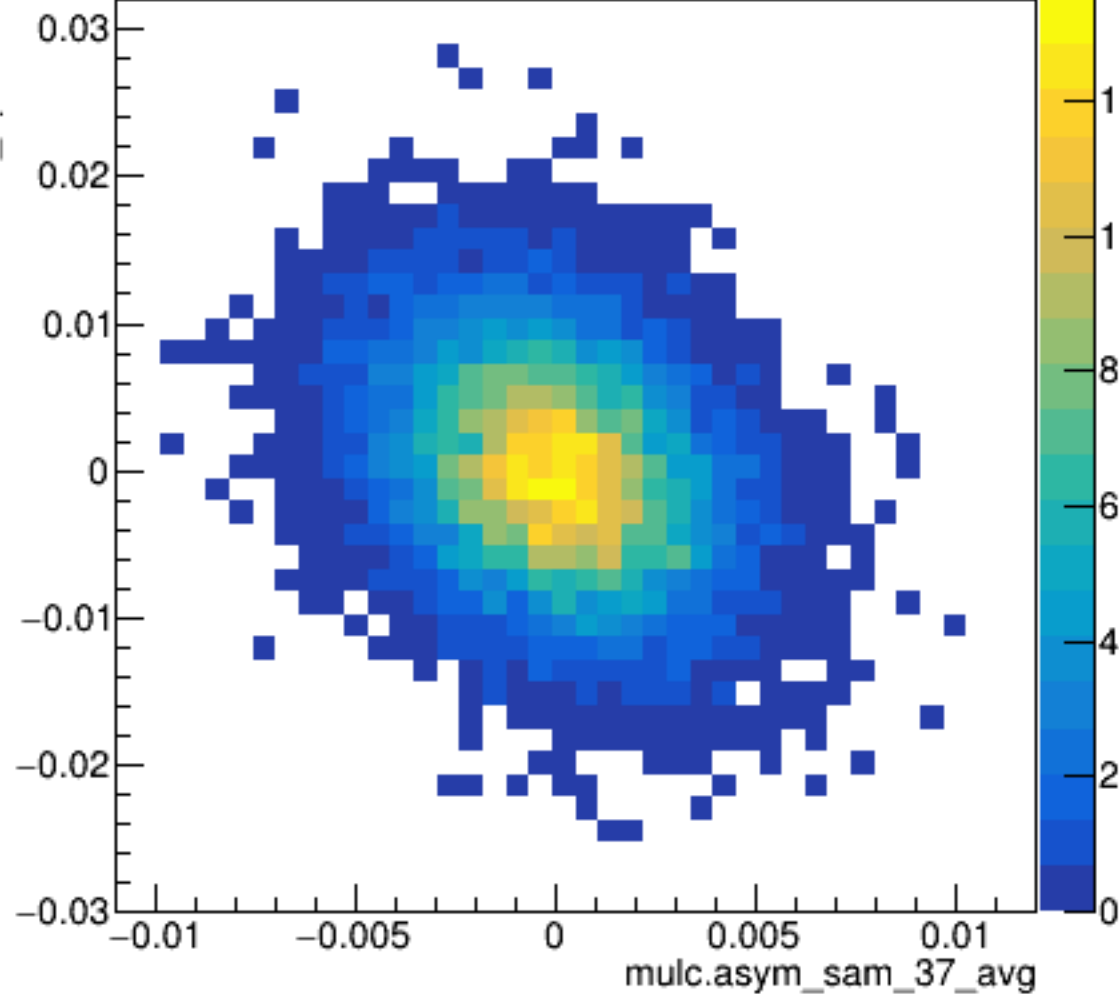


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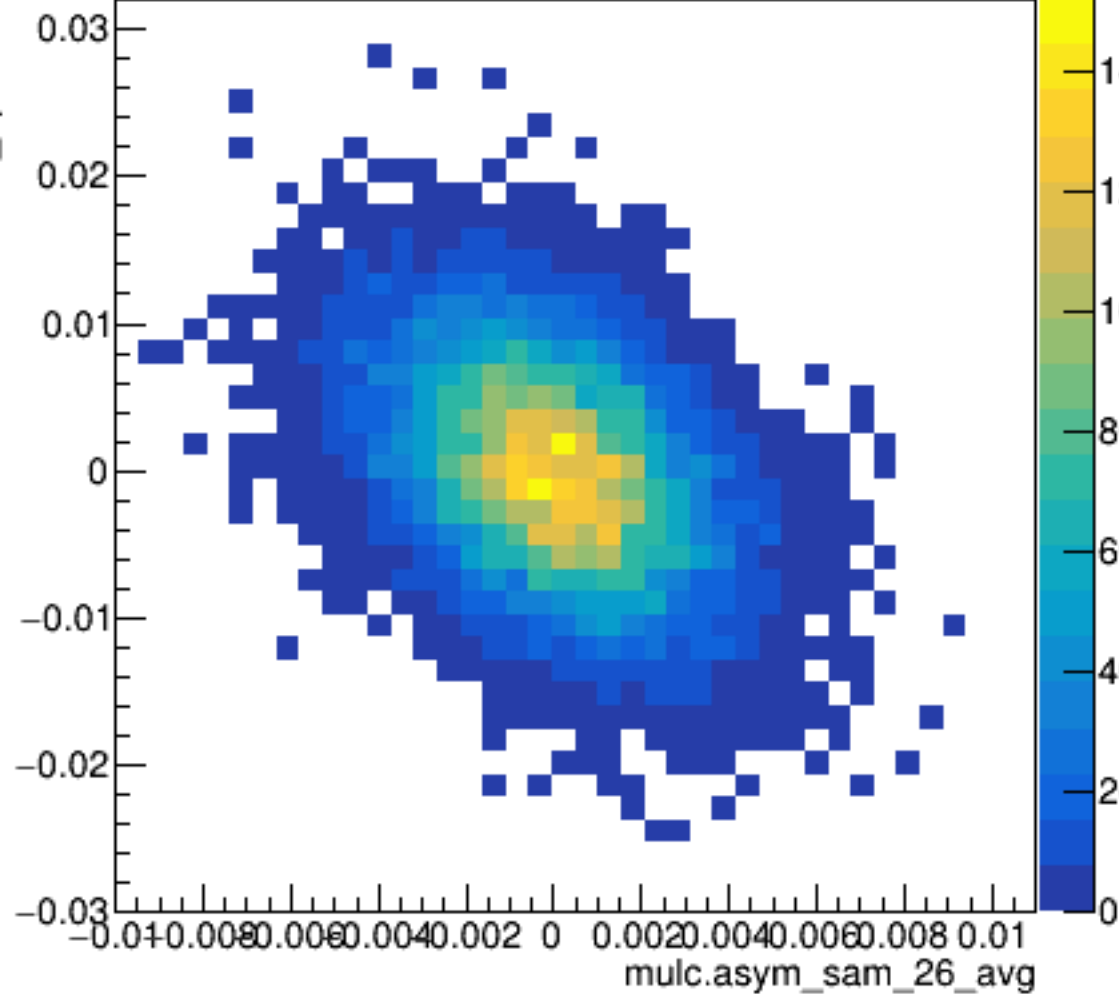
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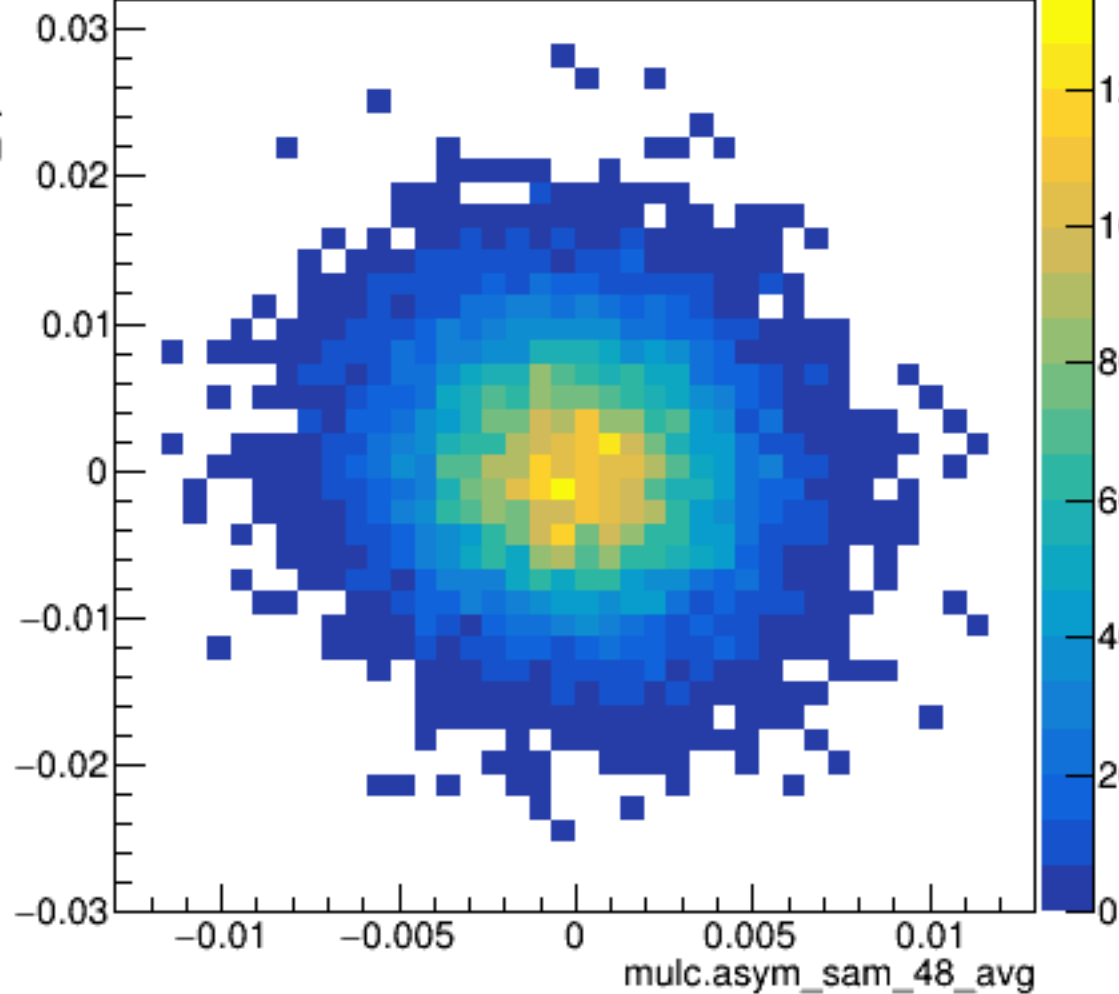
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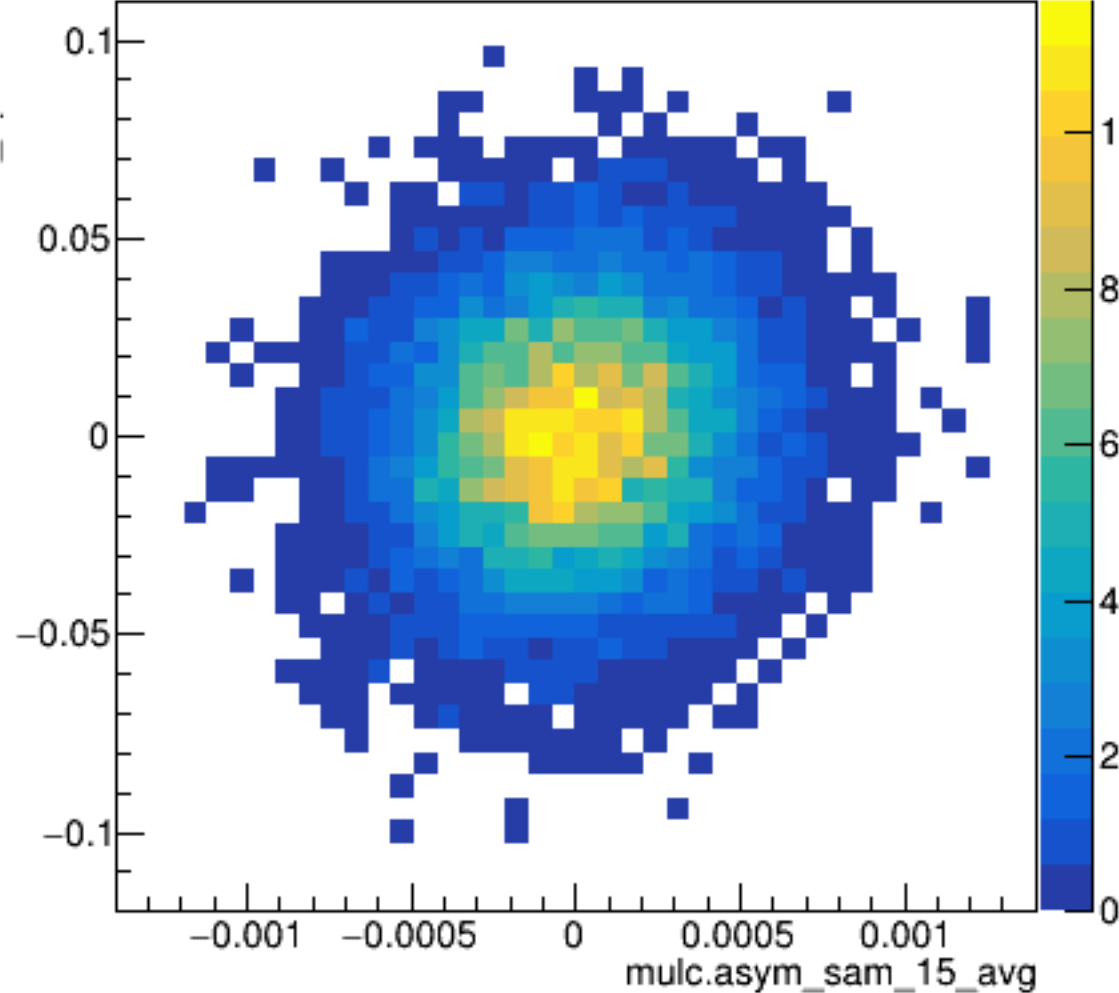


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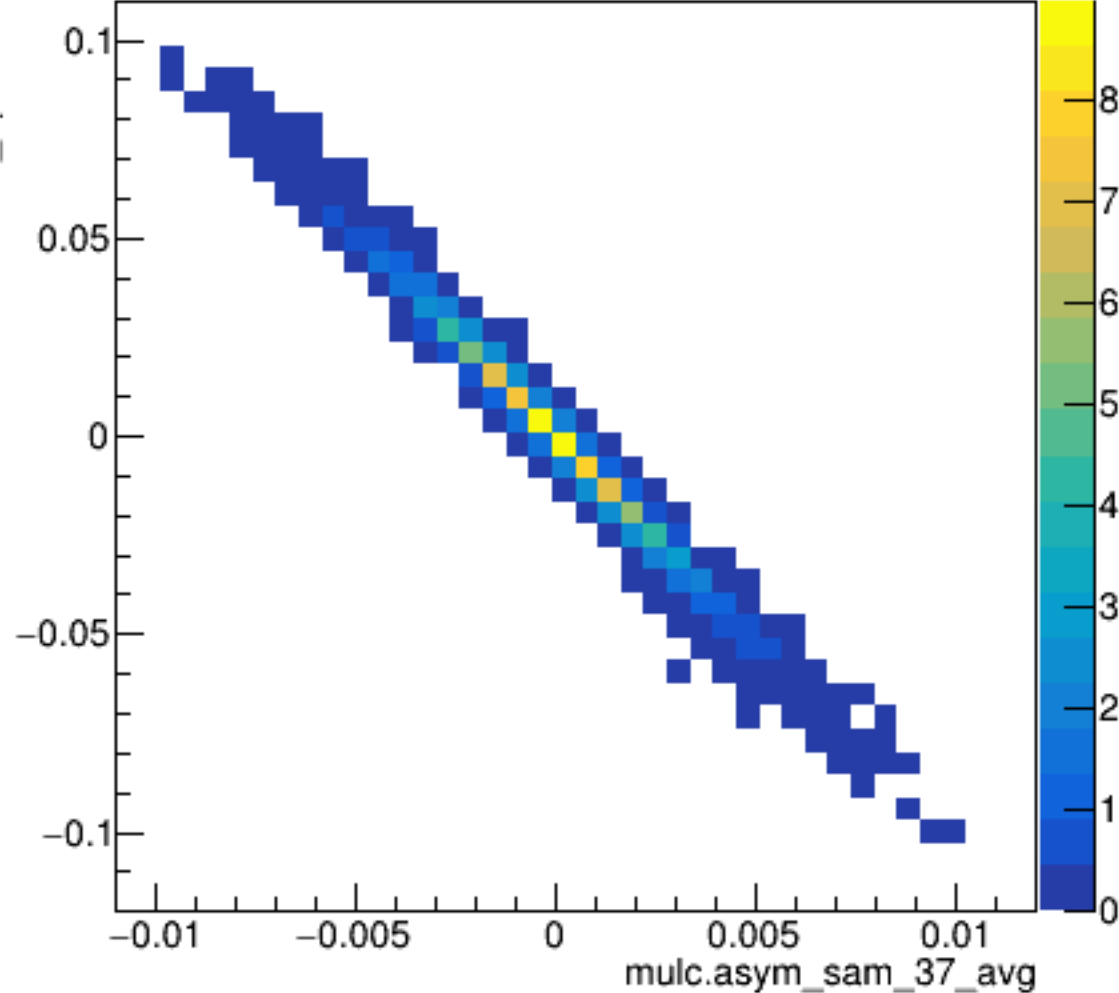


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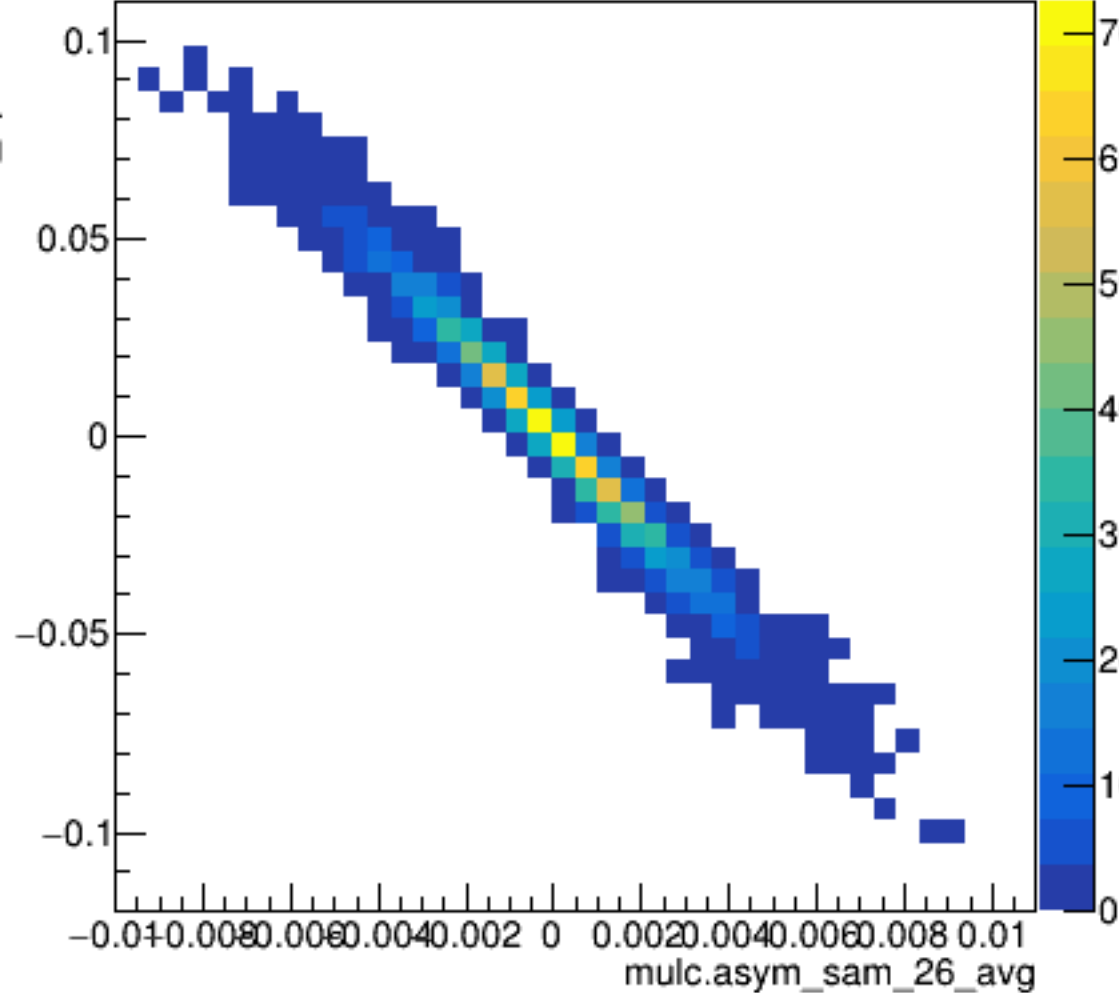
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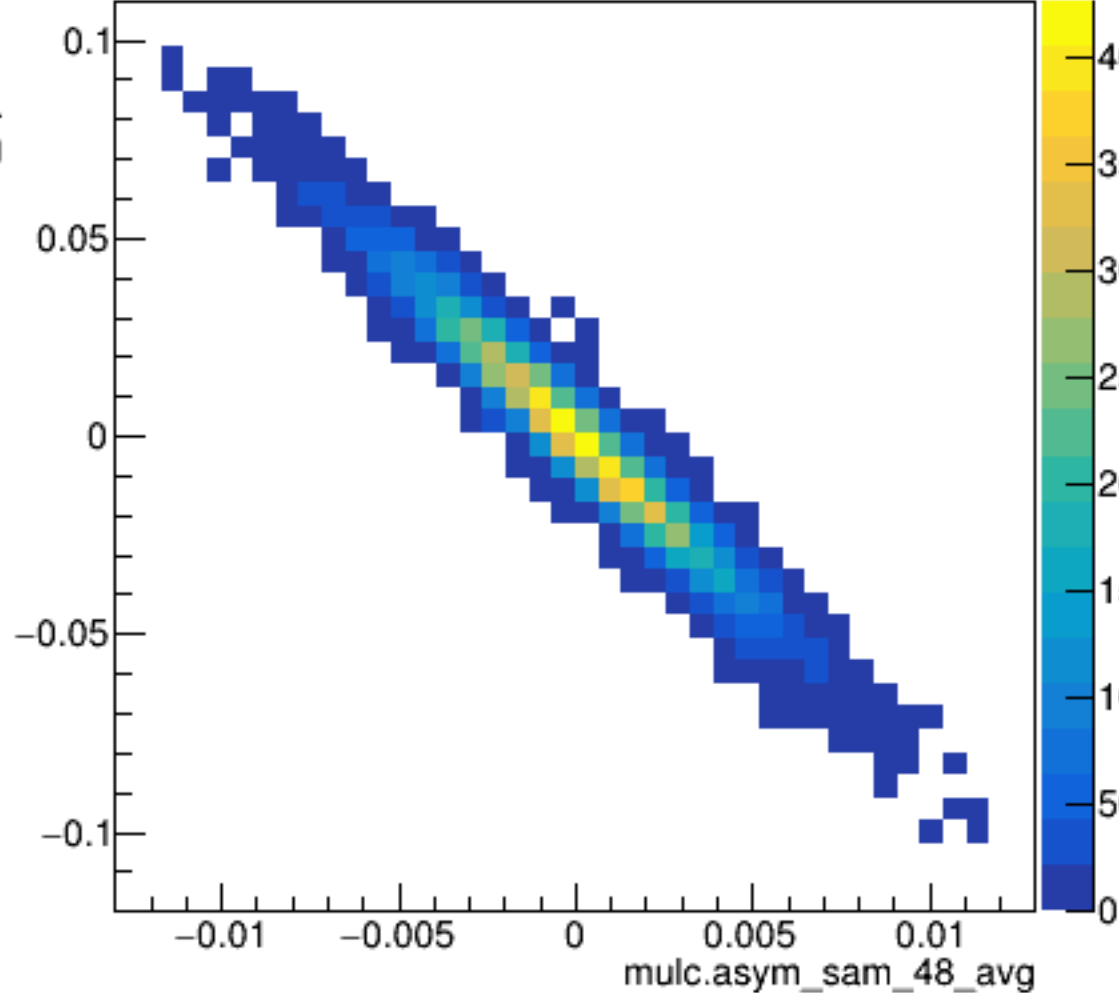
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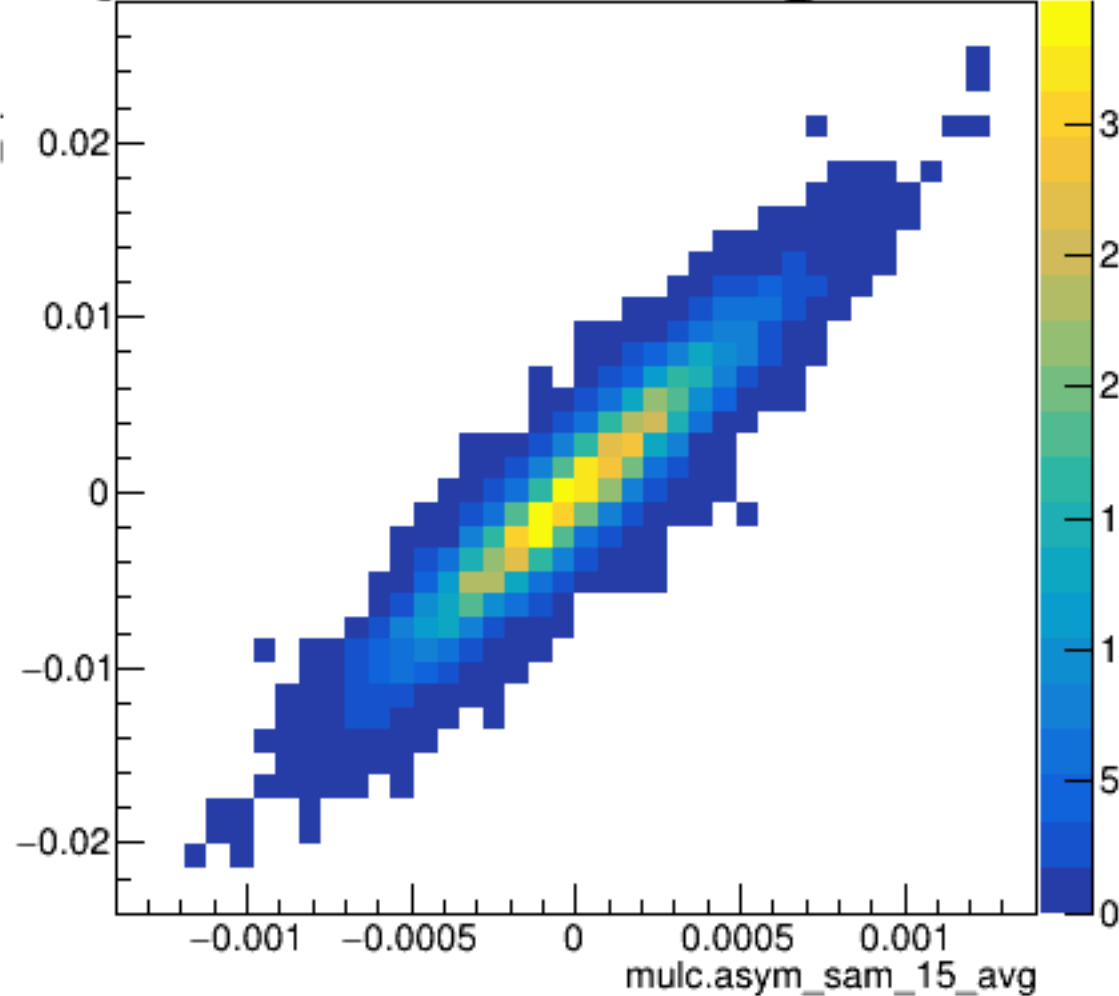


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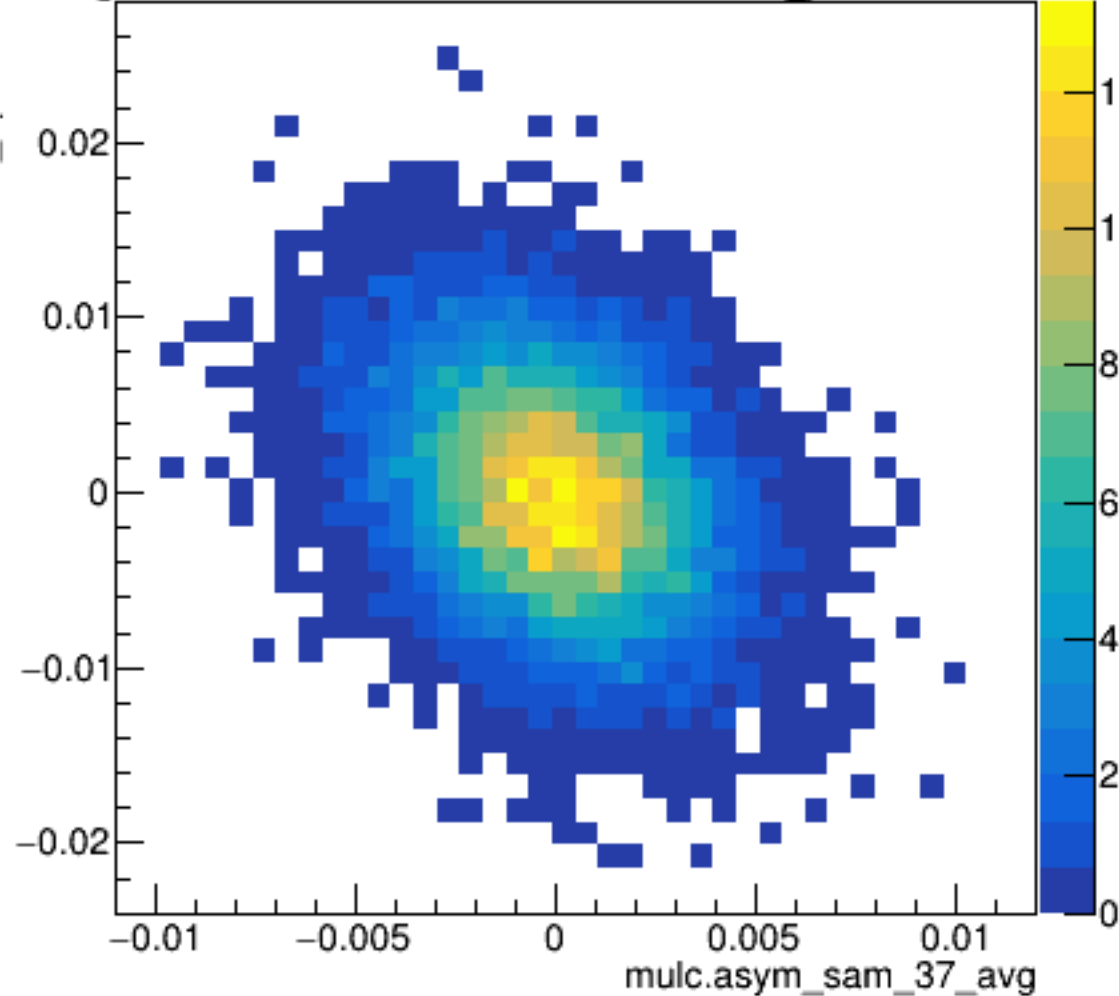


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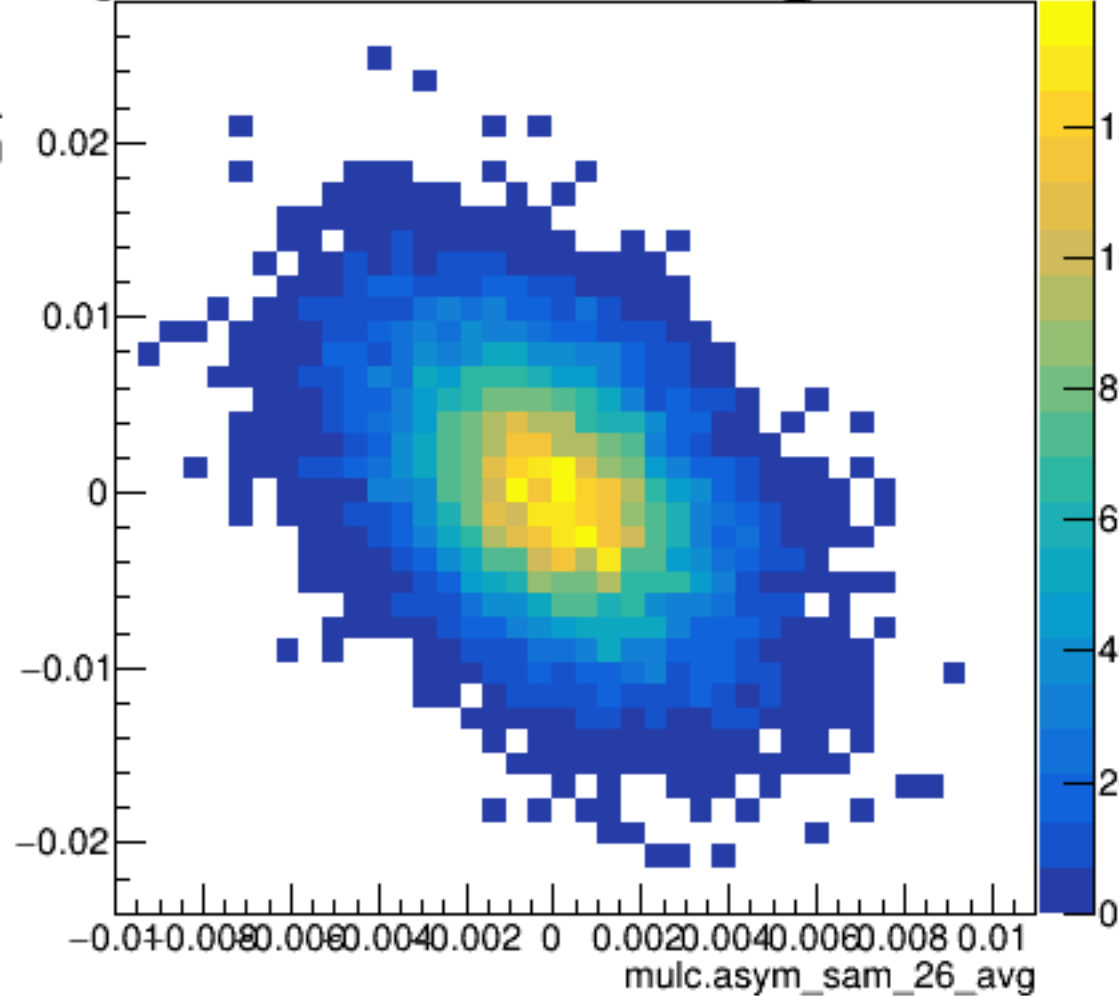
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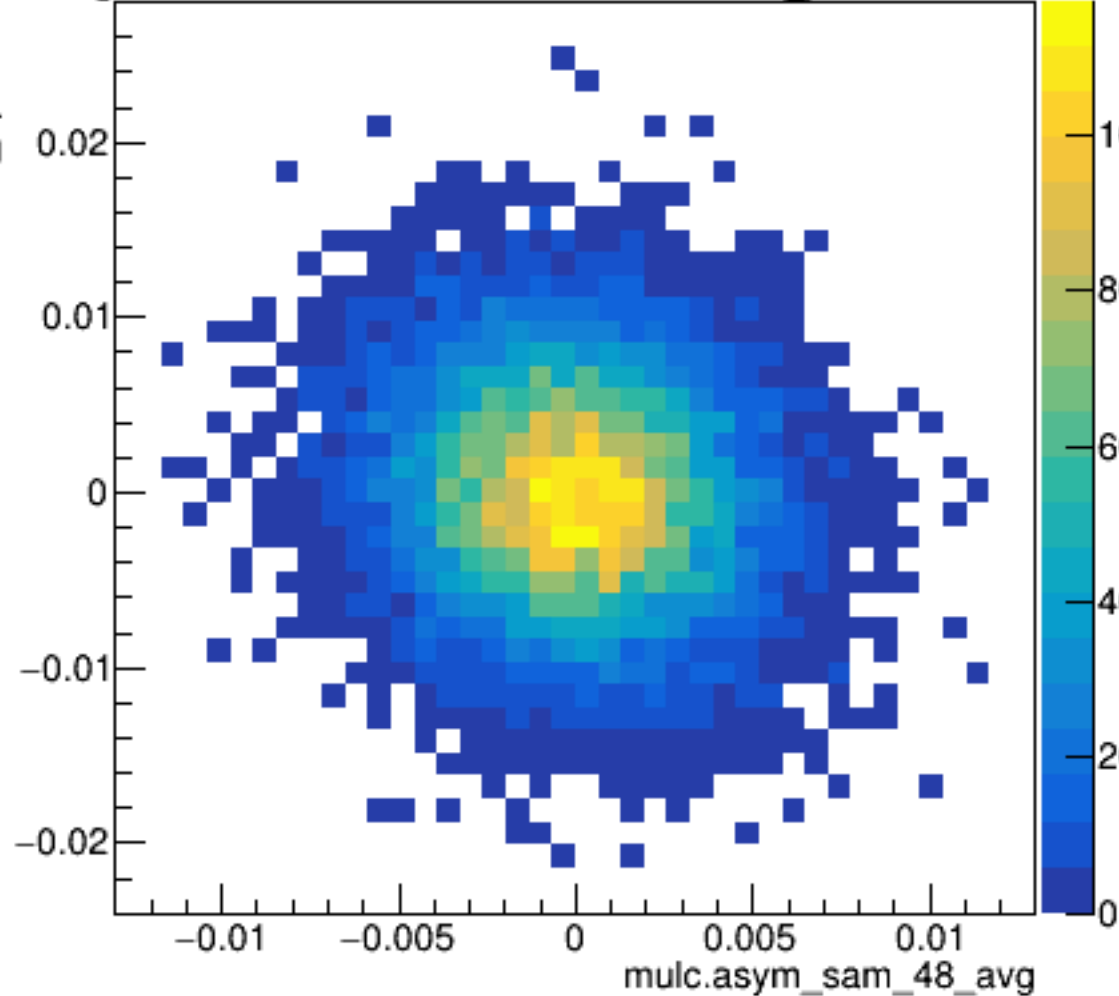
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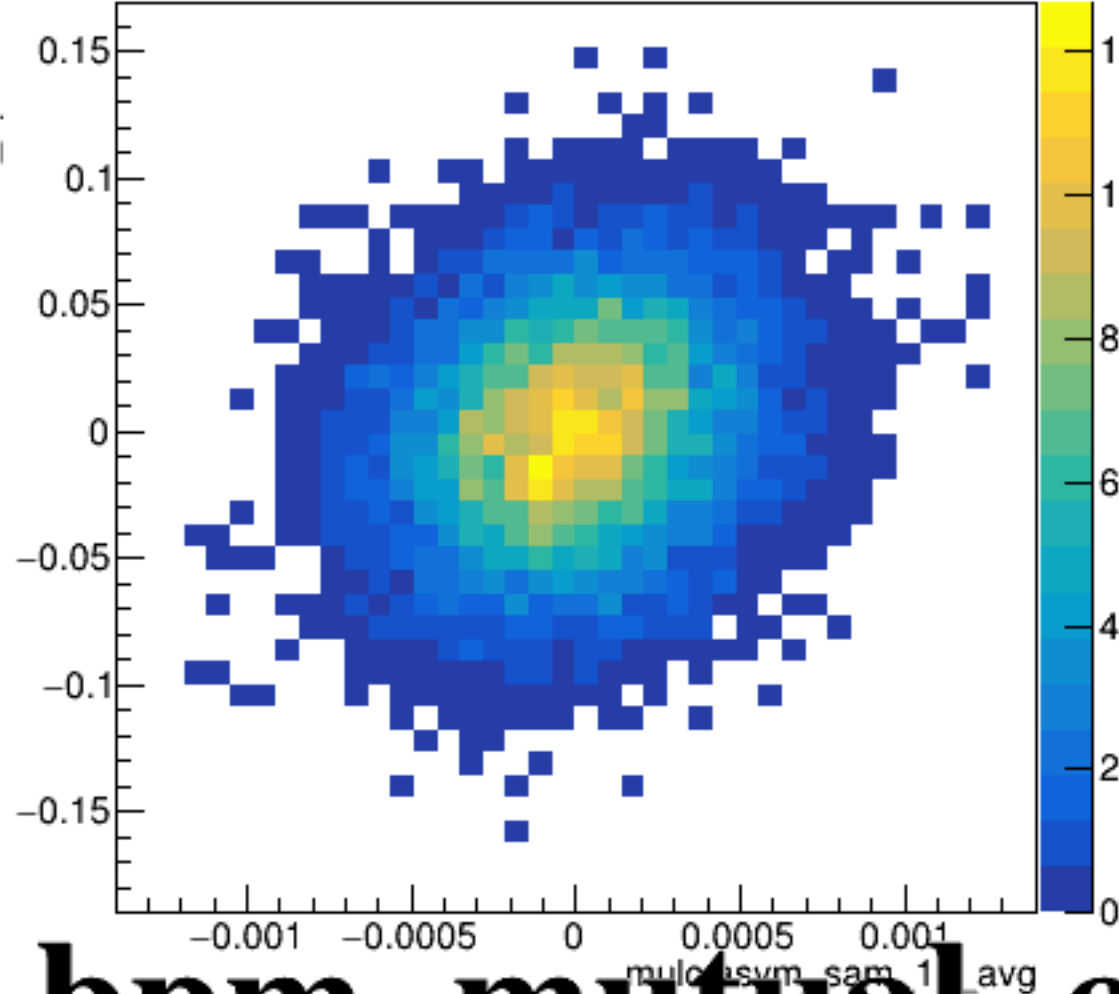


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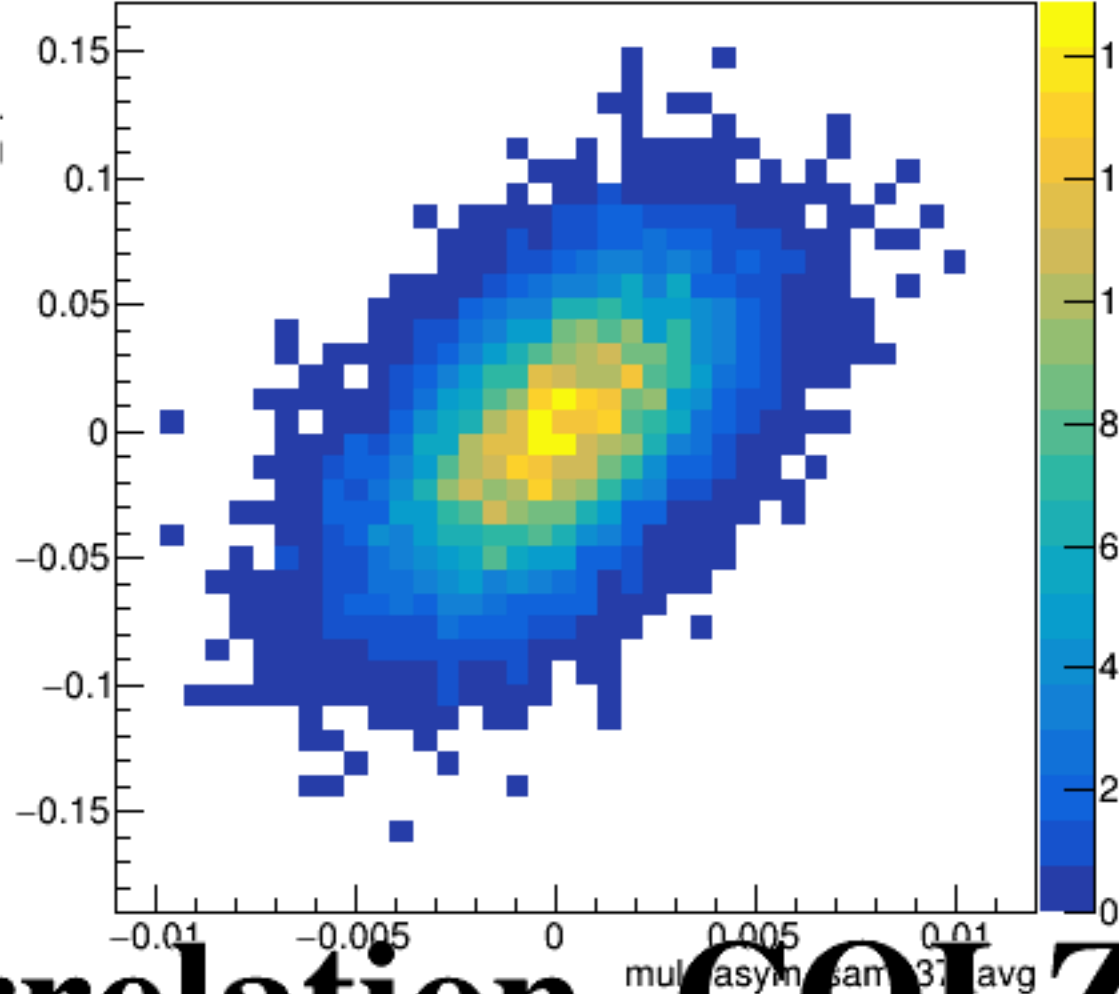


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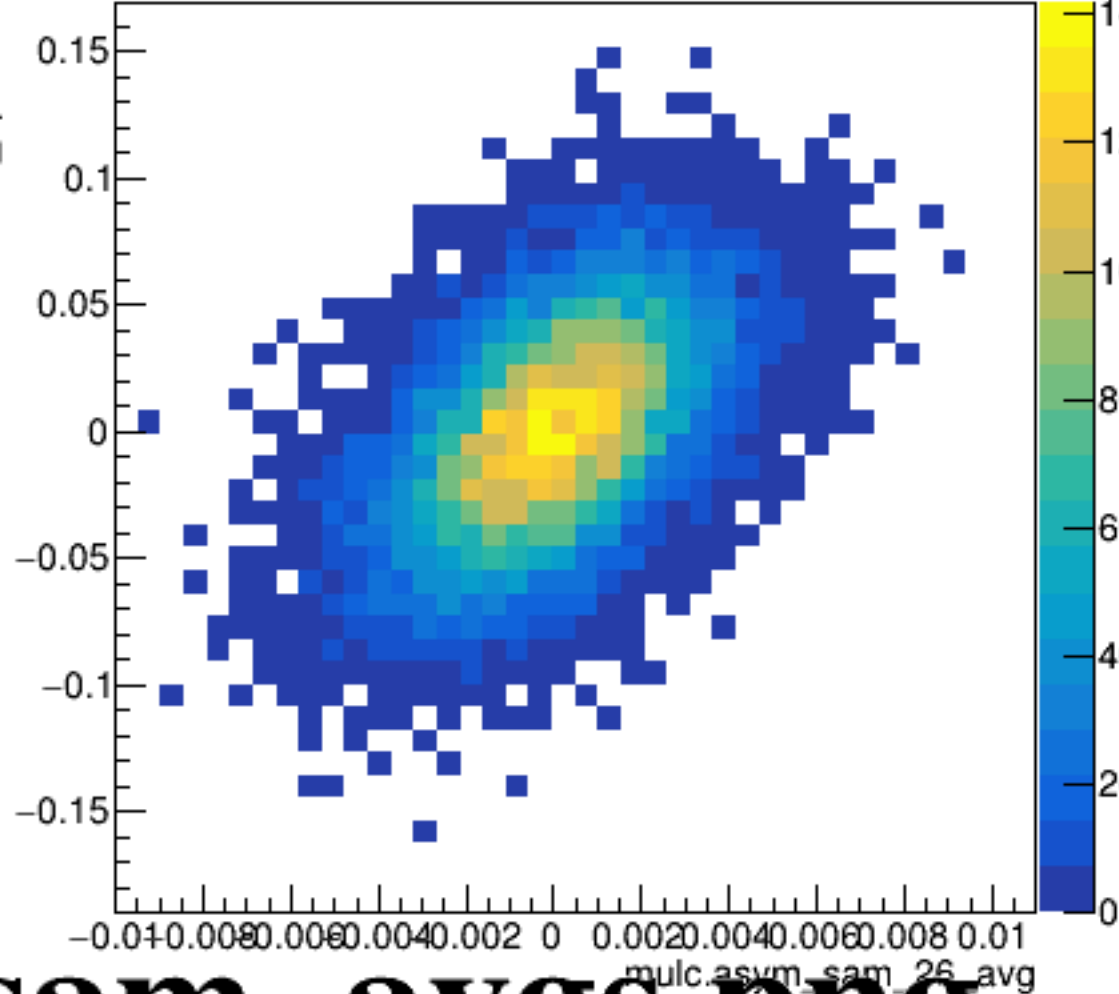
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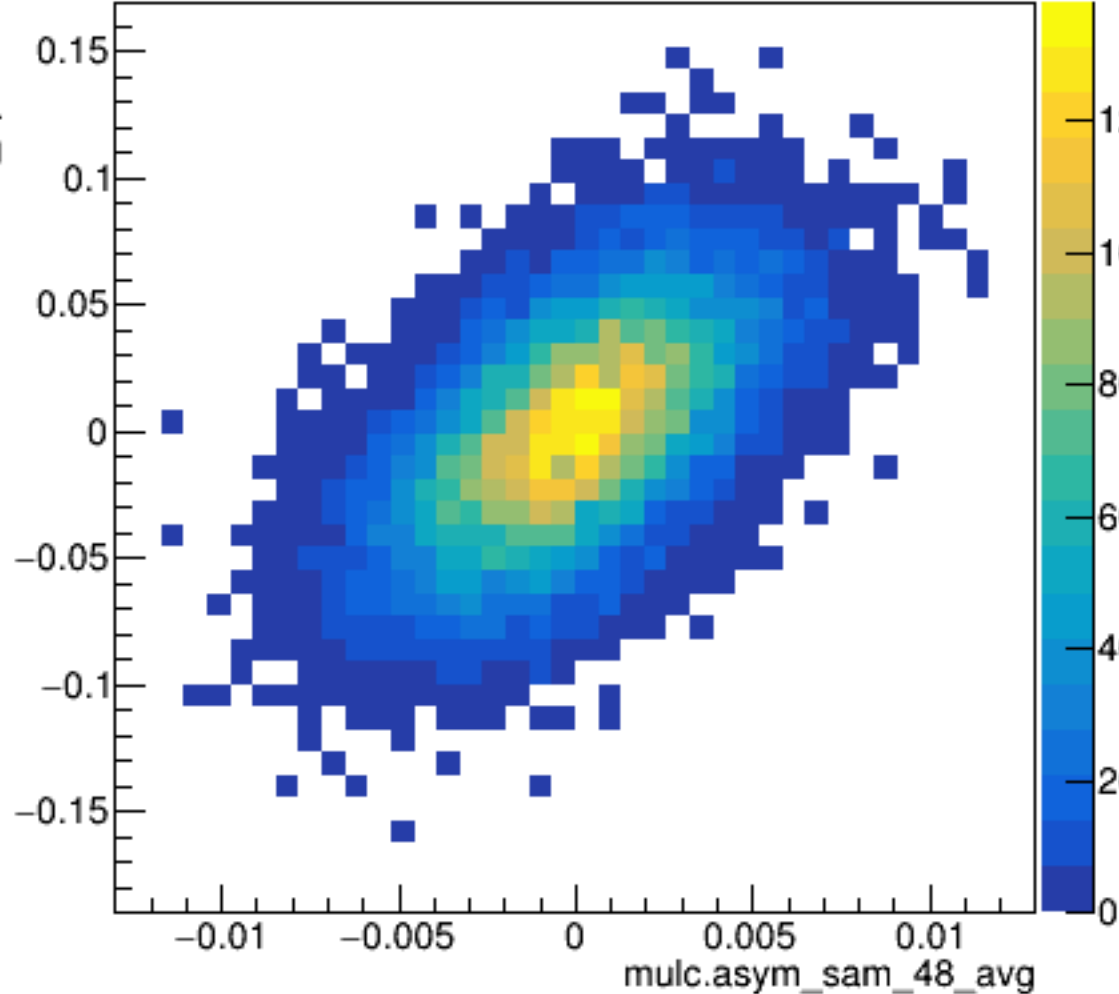
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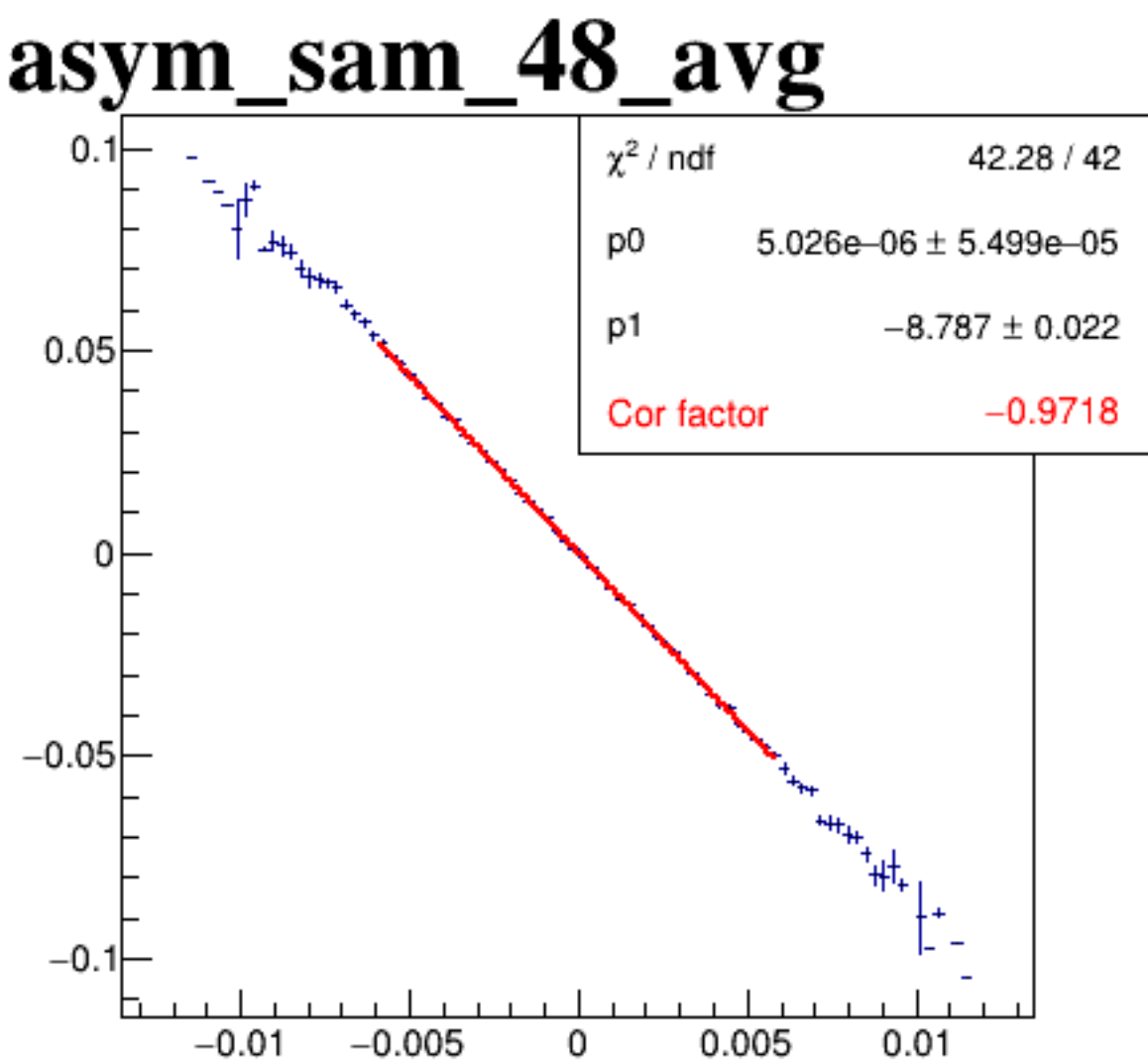
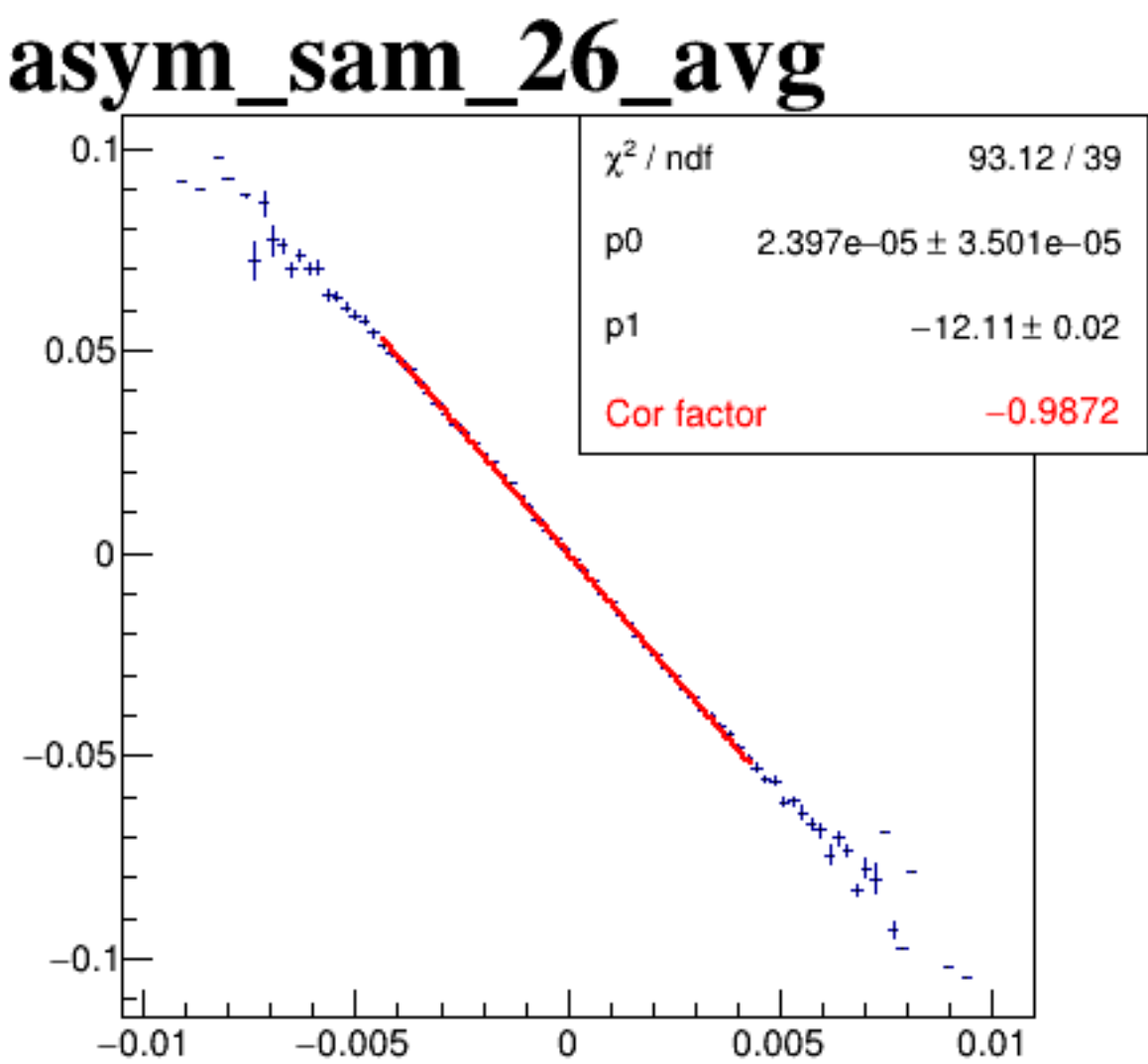
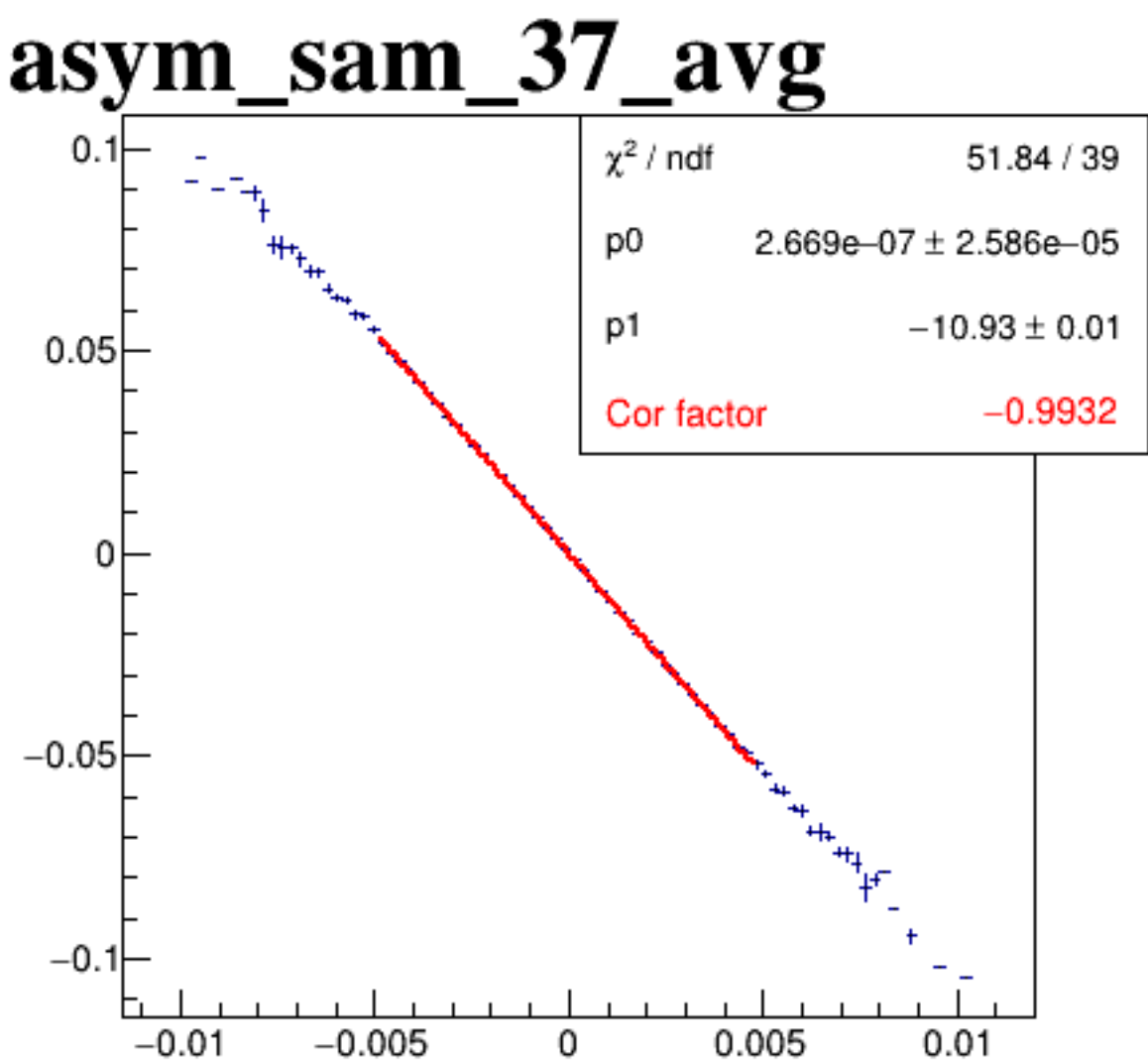
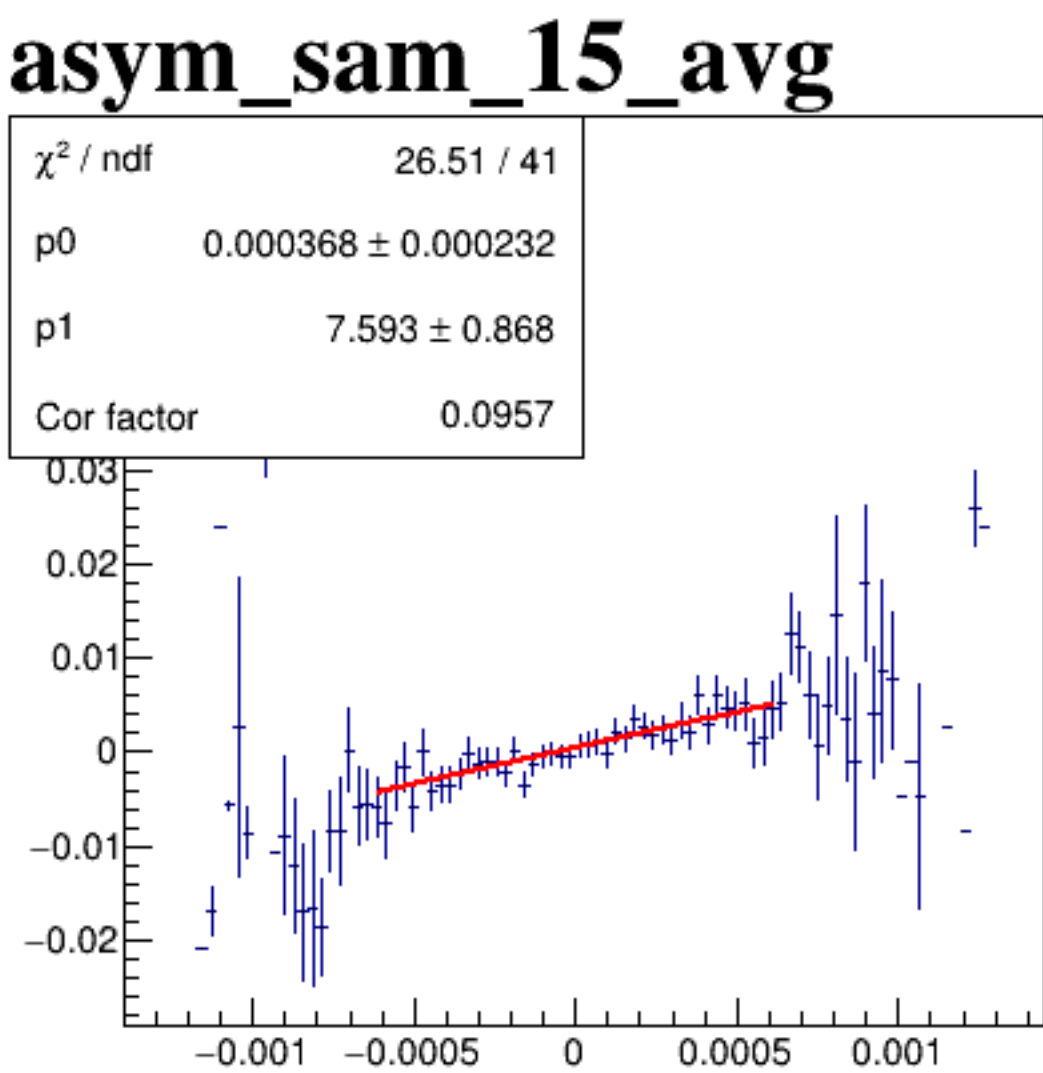
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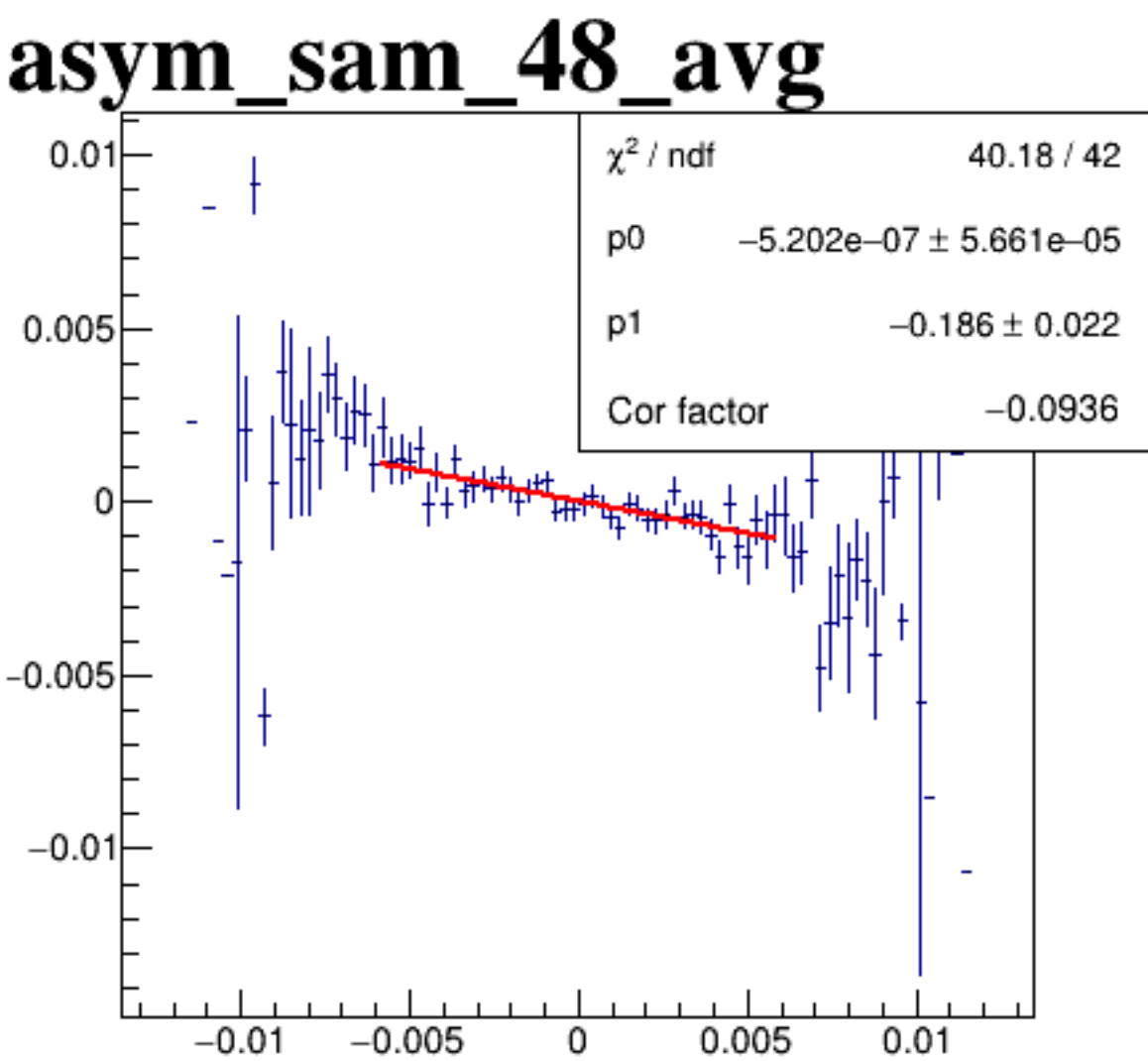
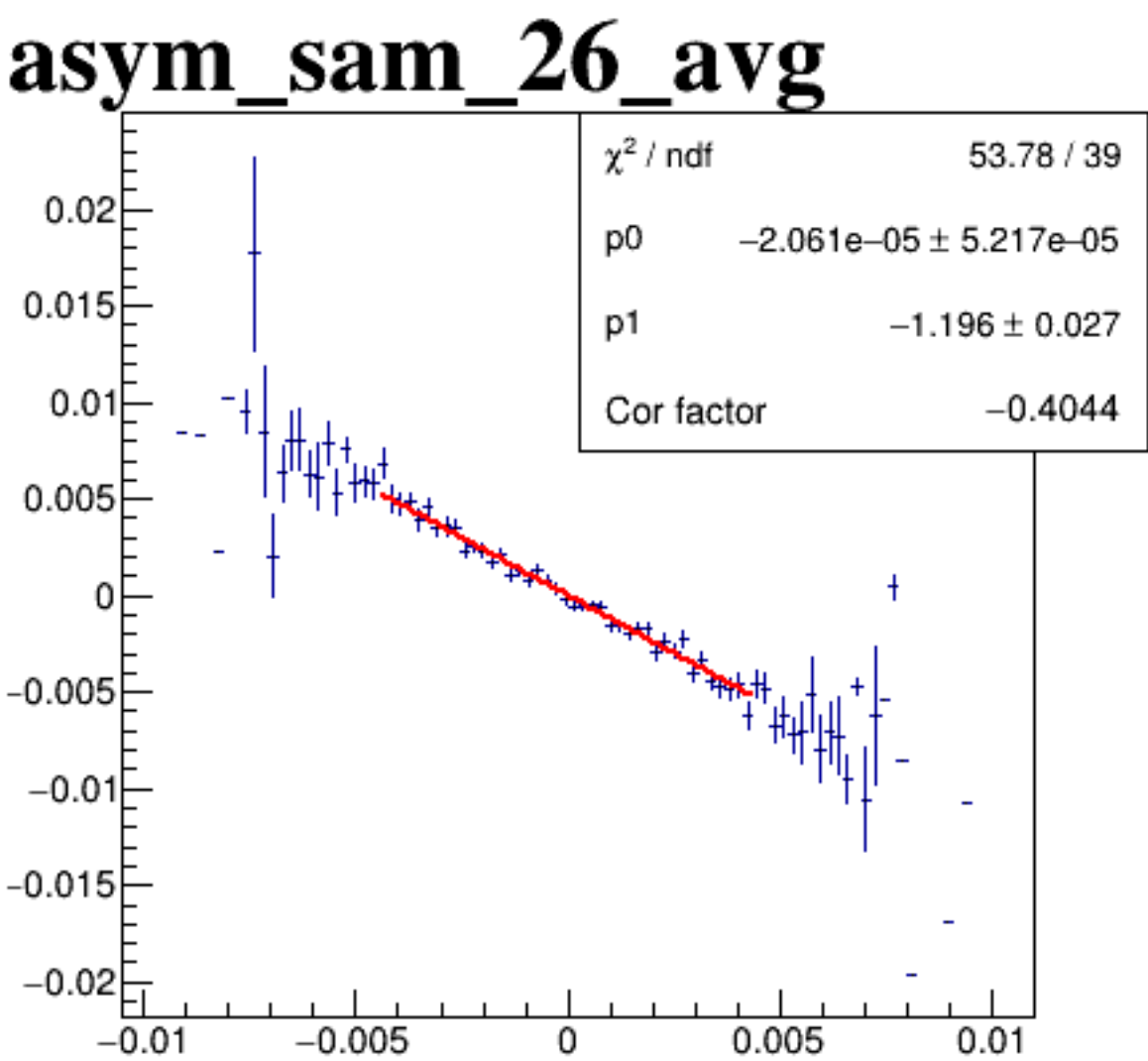
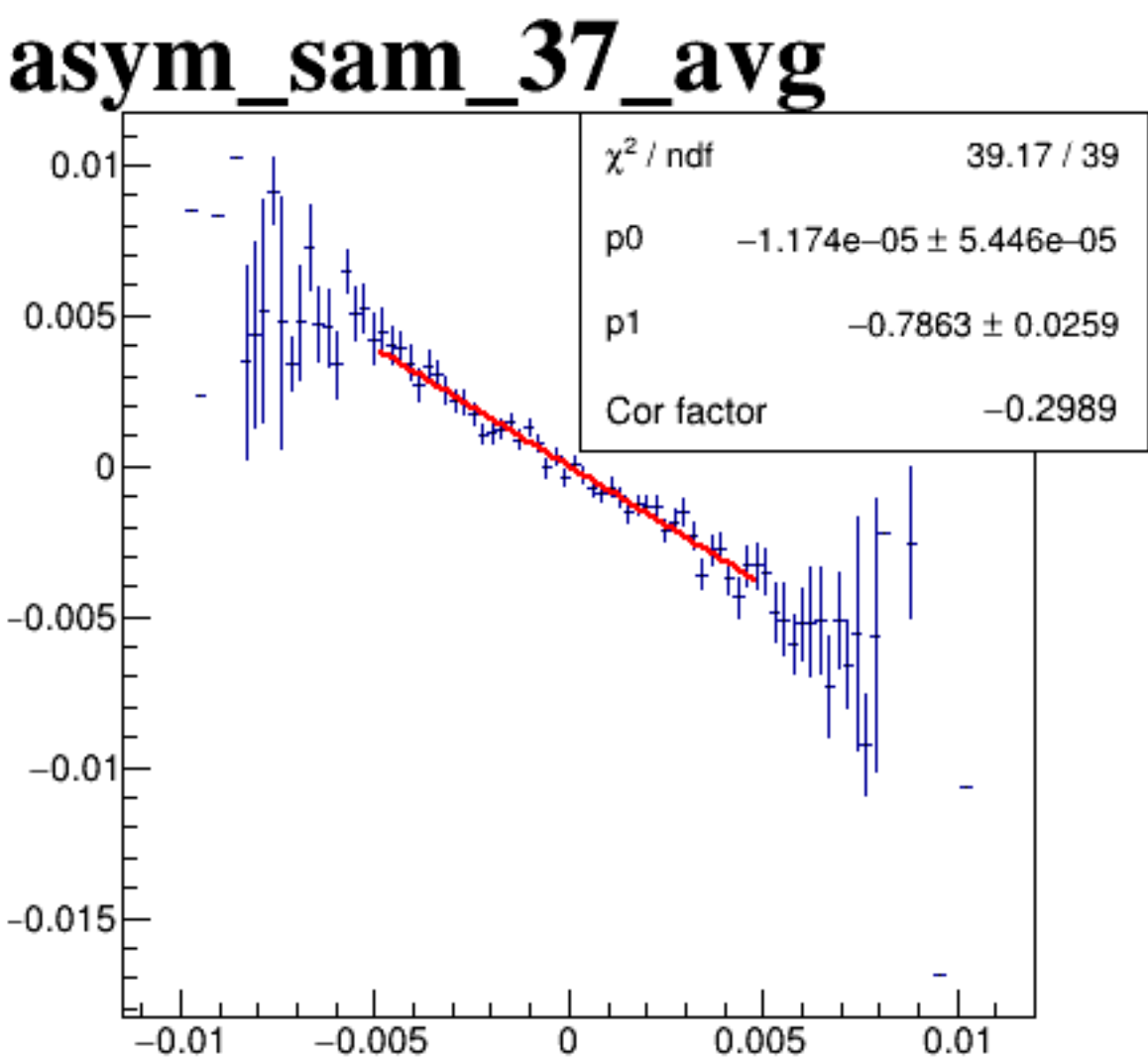
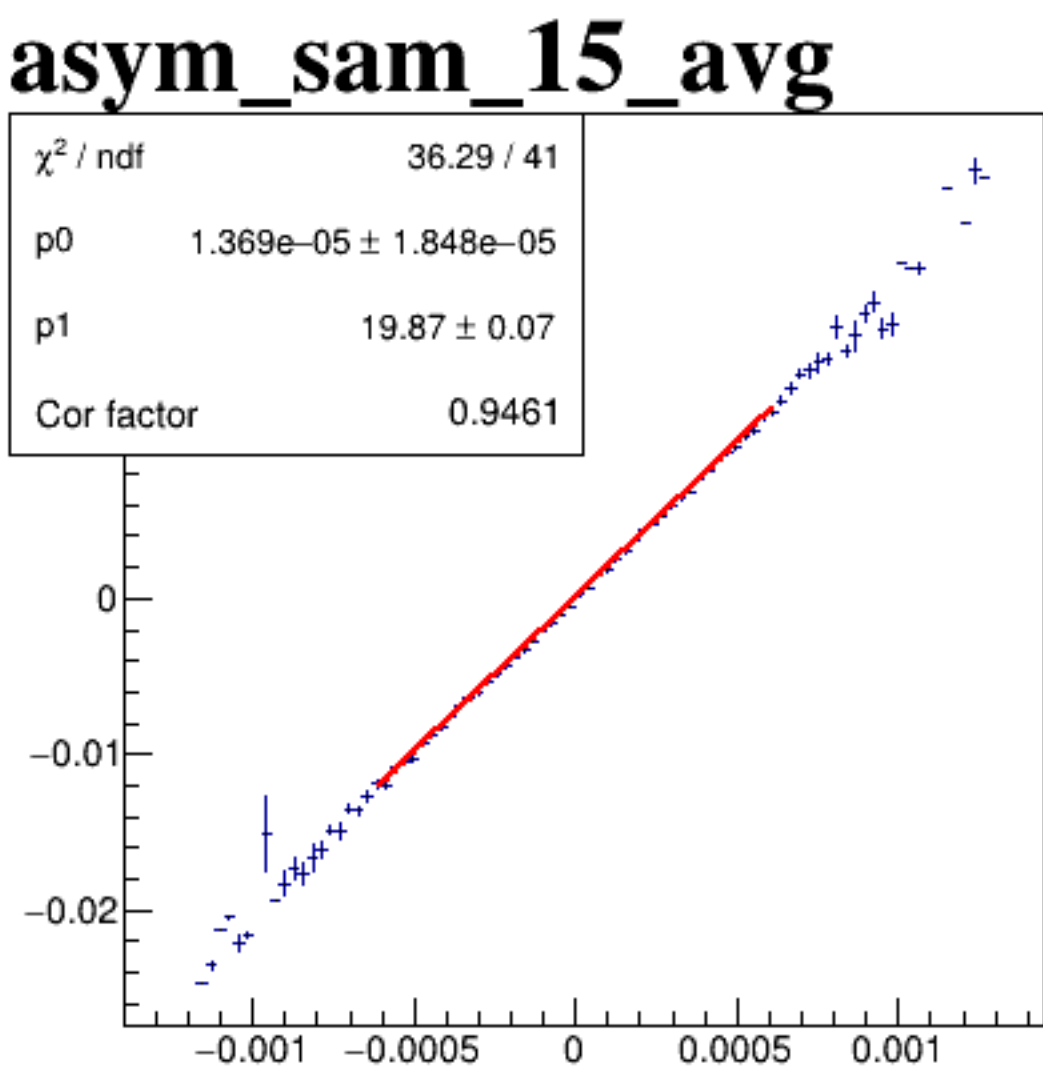
asym_sam_48_avg



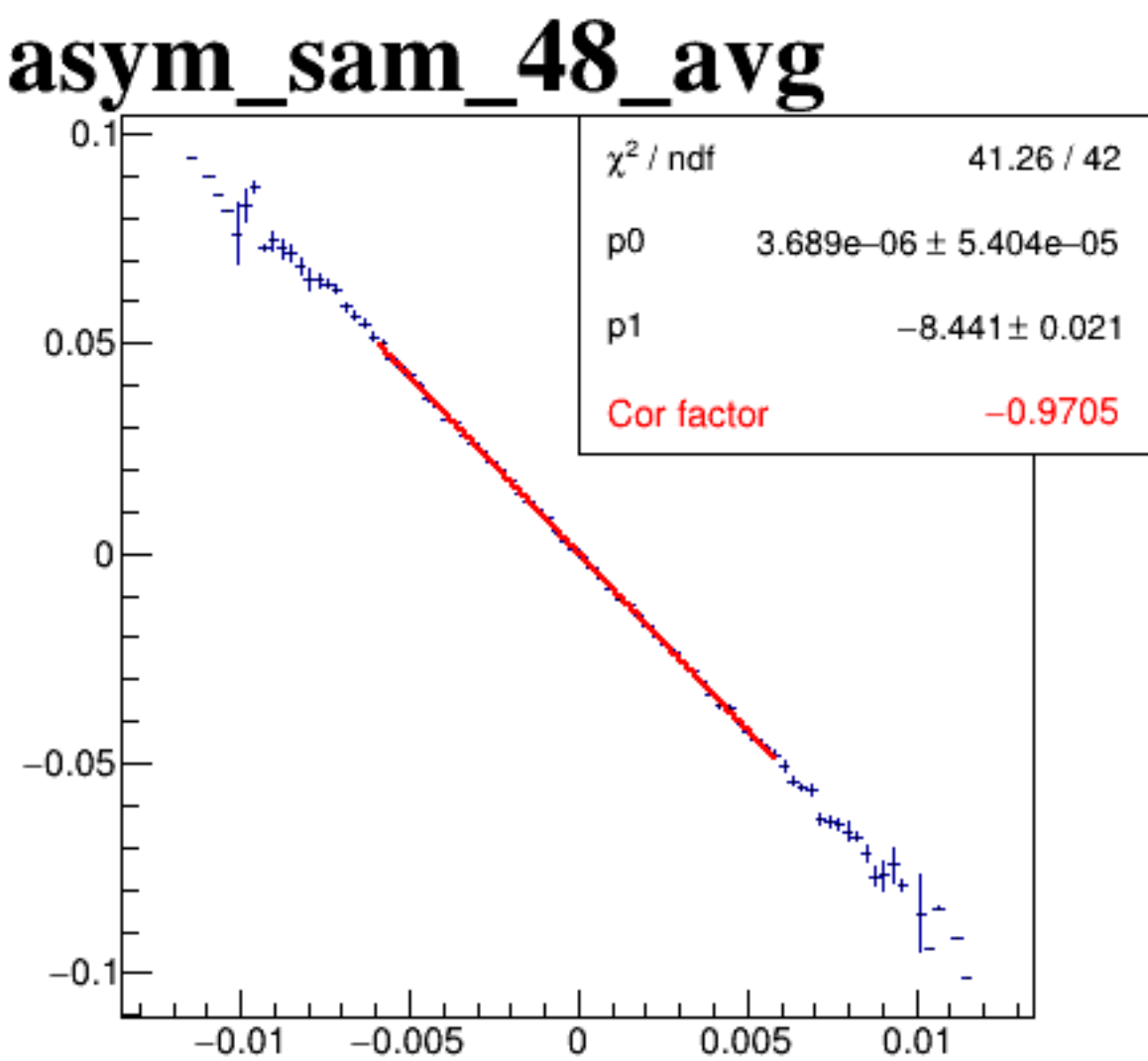
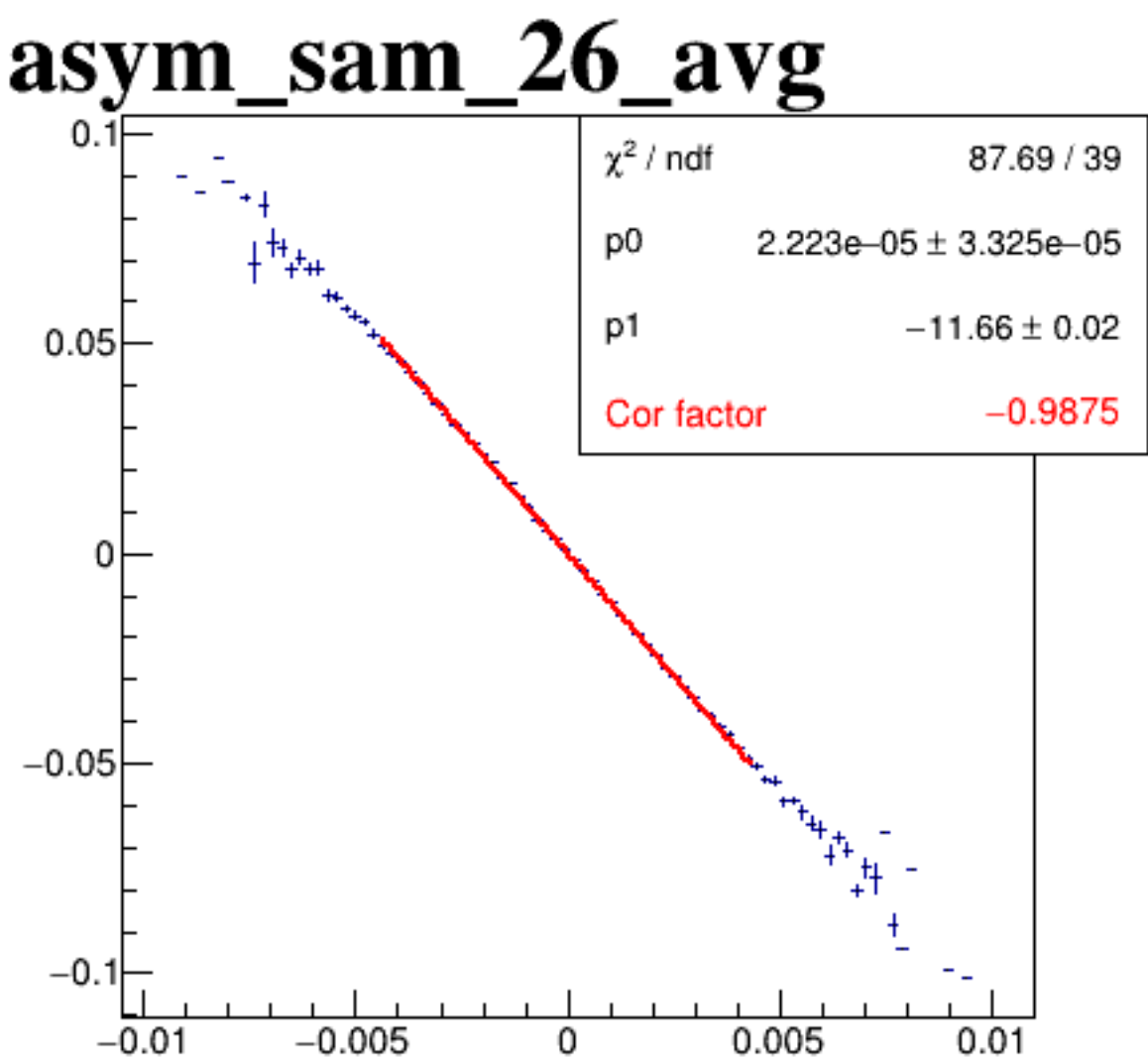
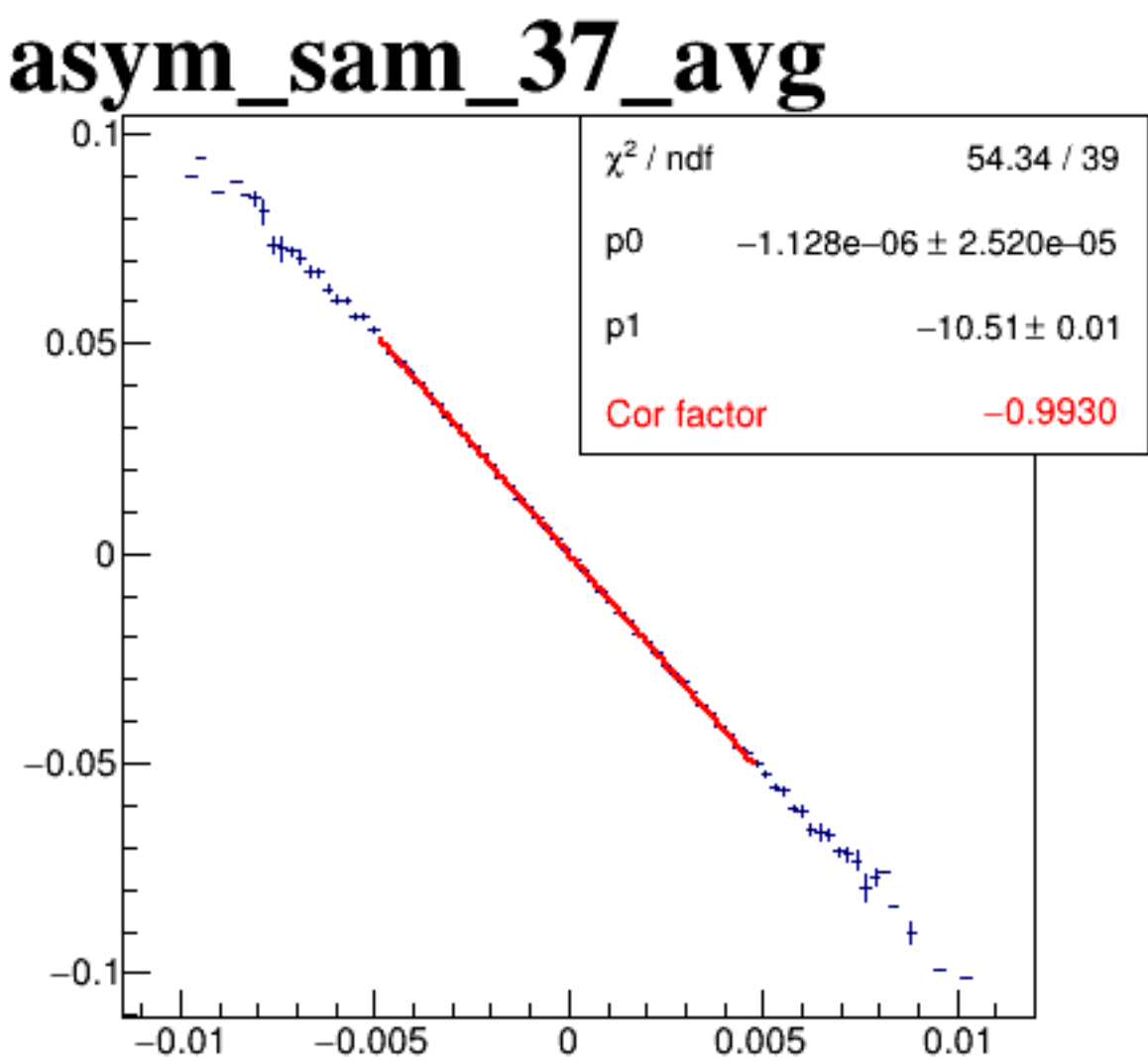
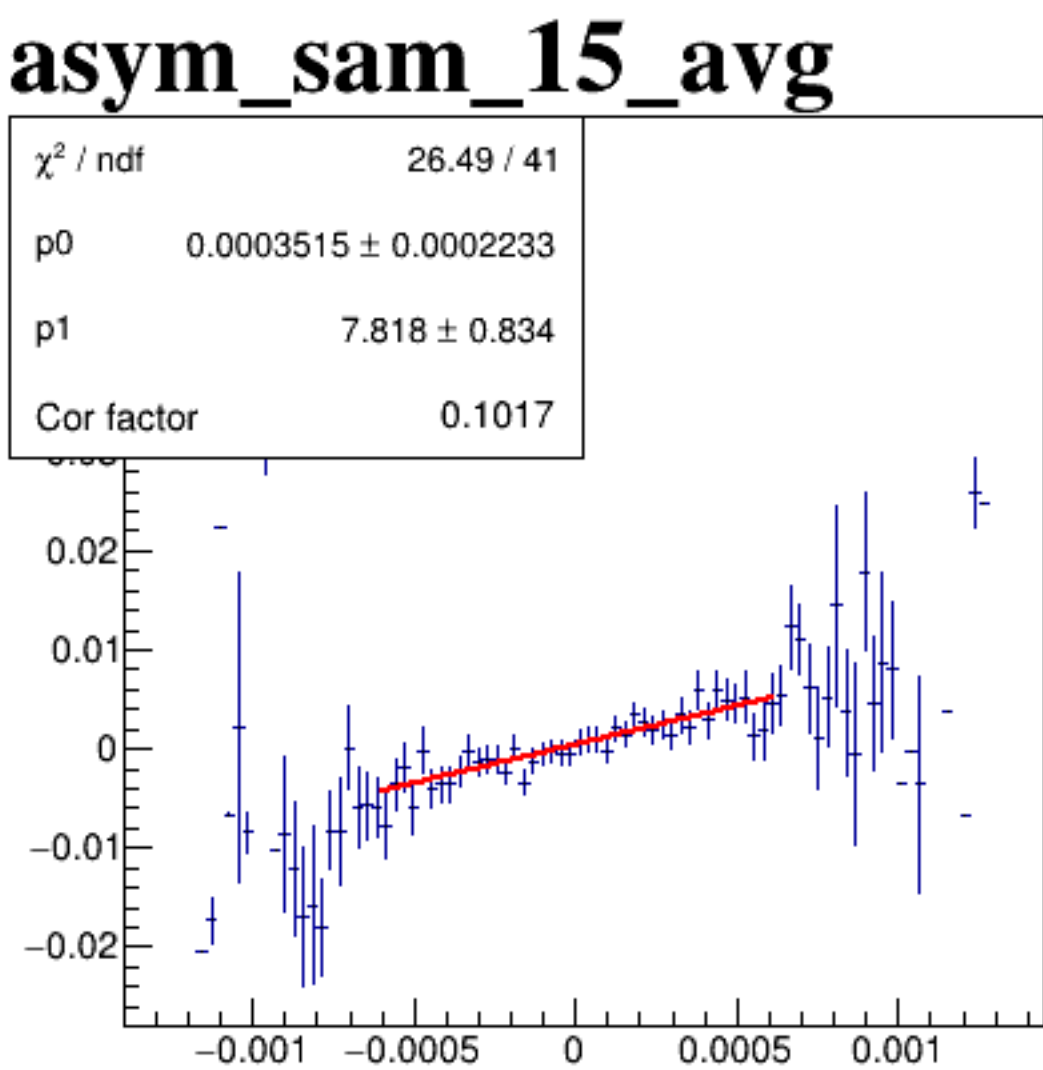
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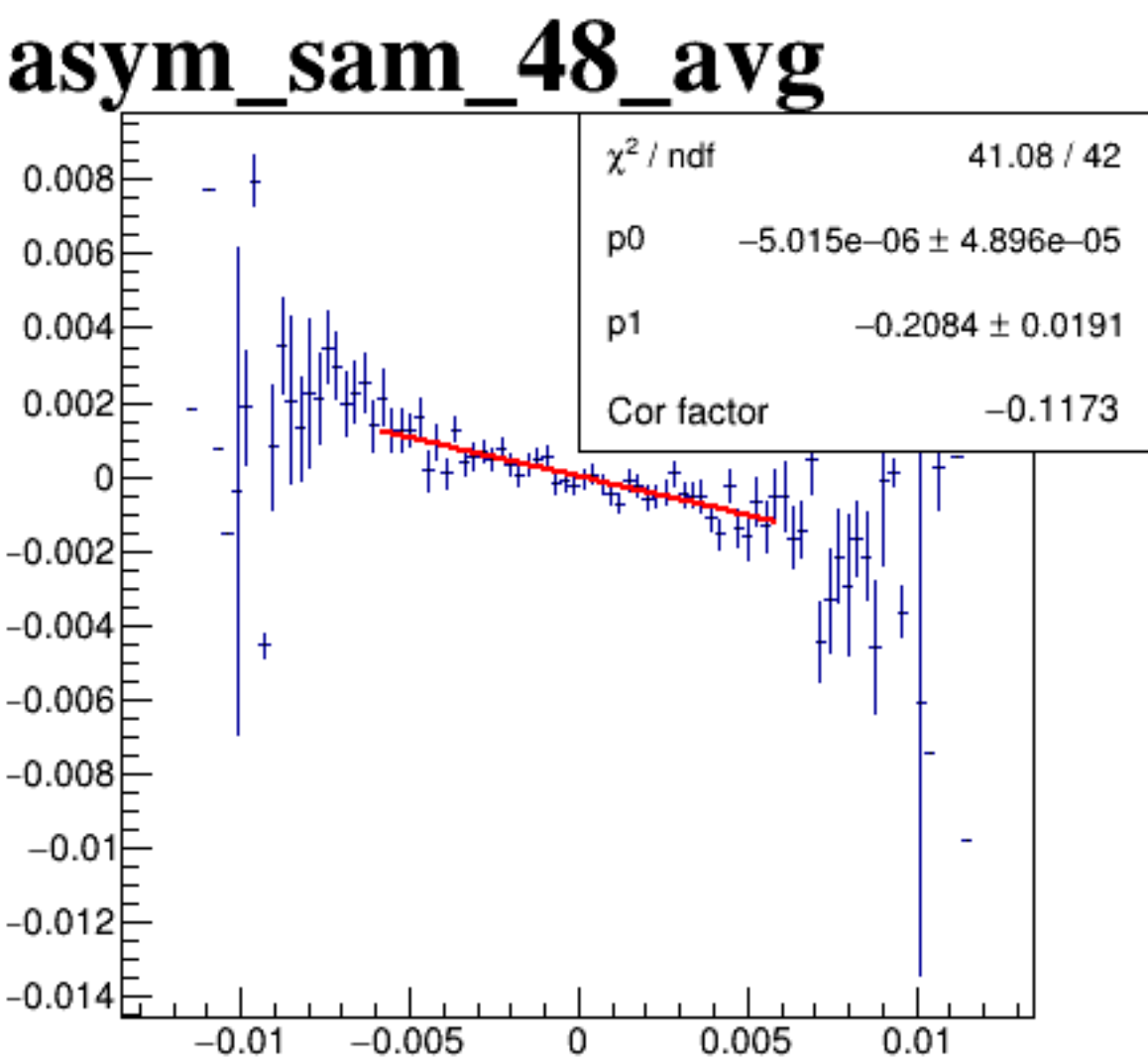
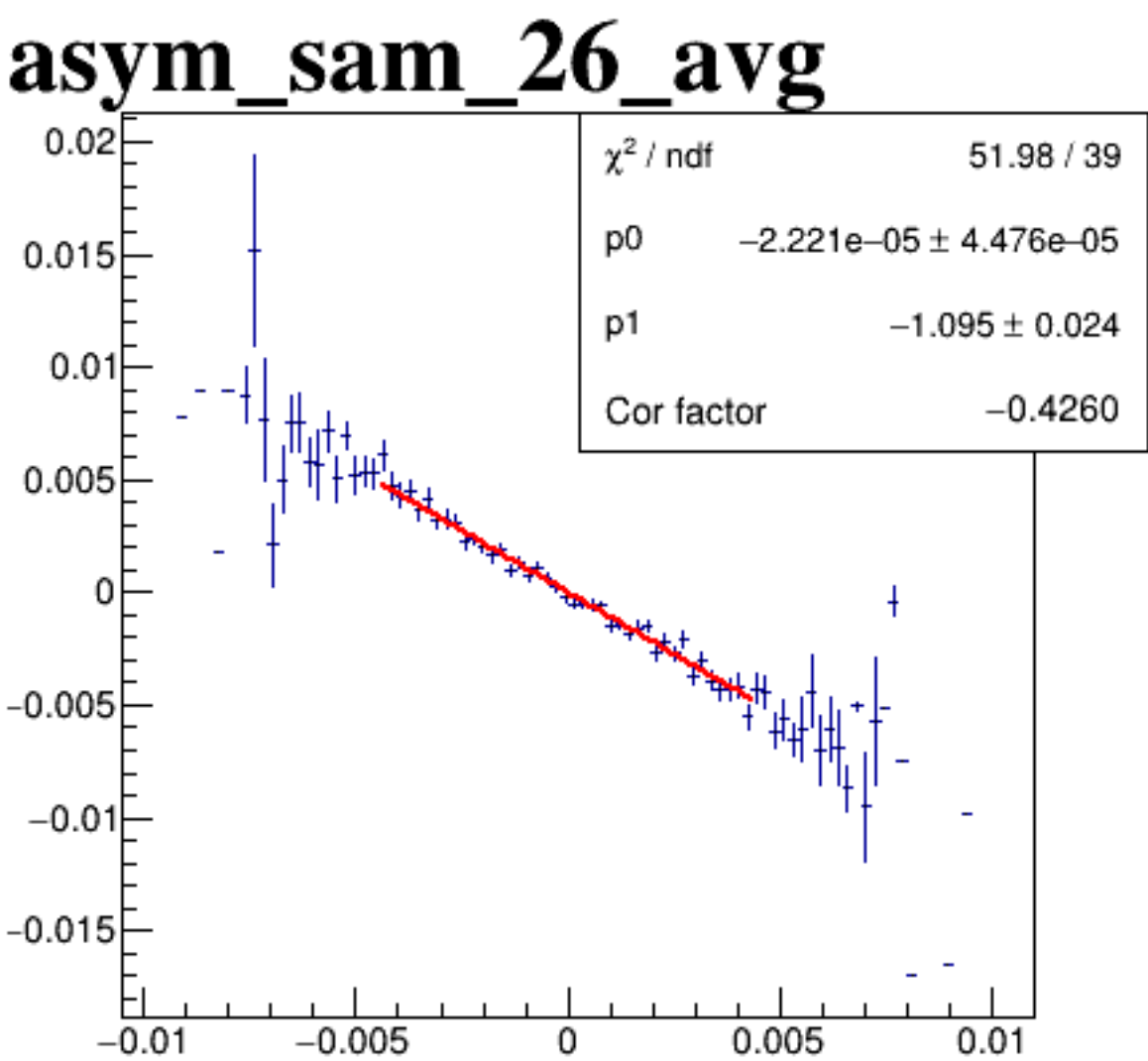
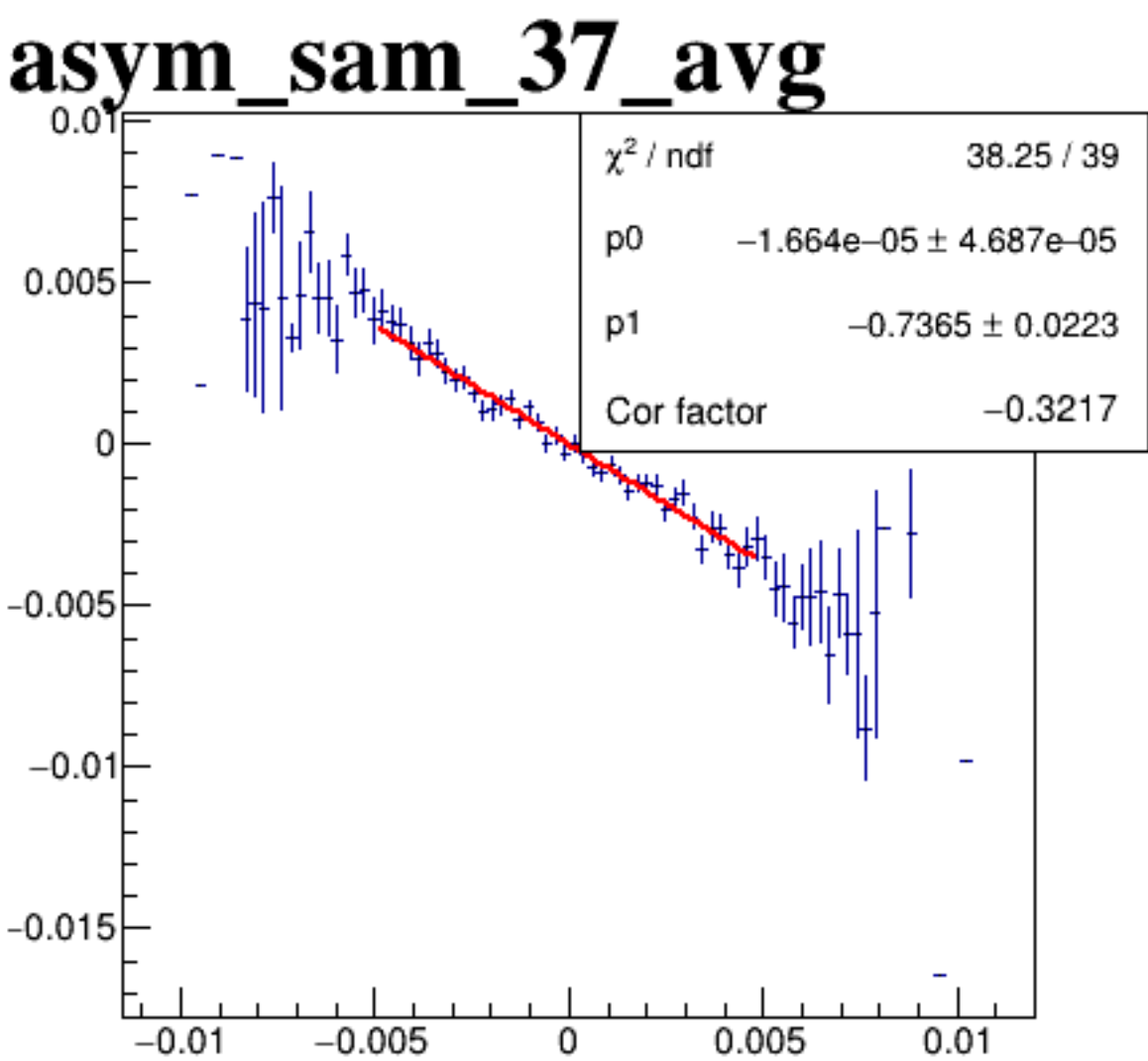
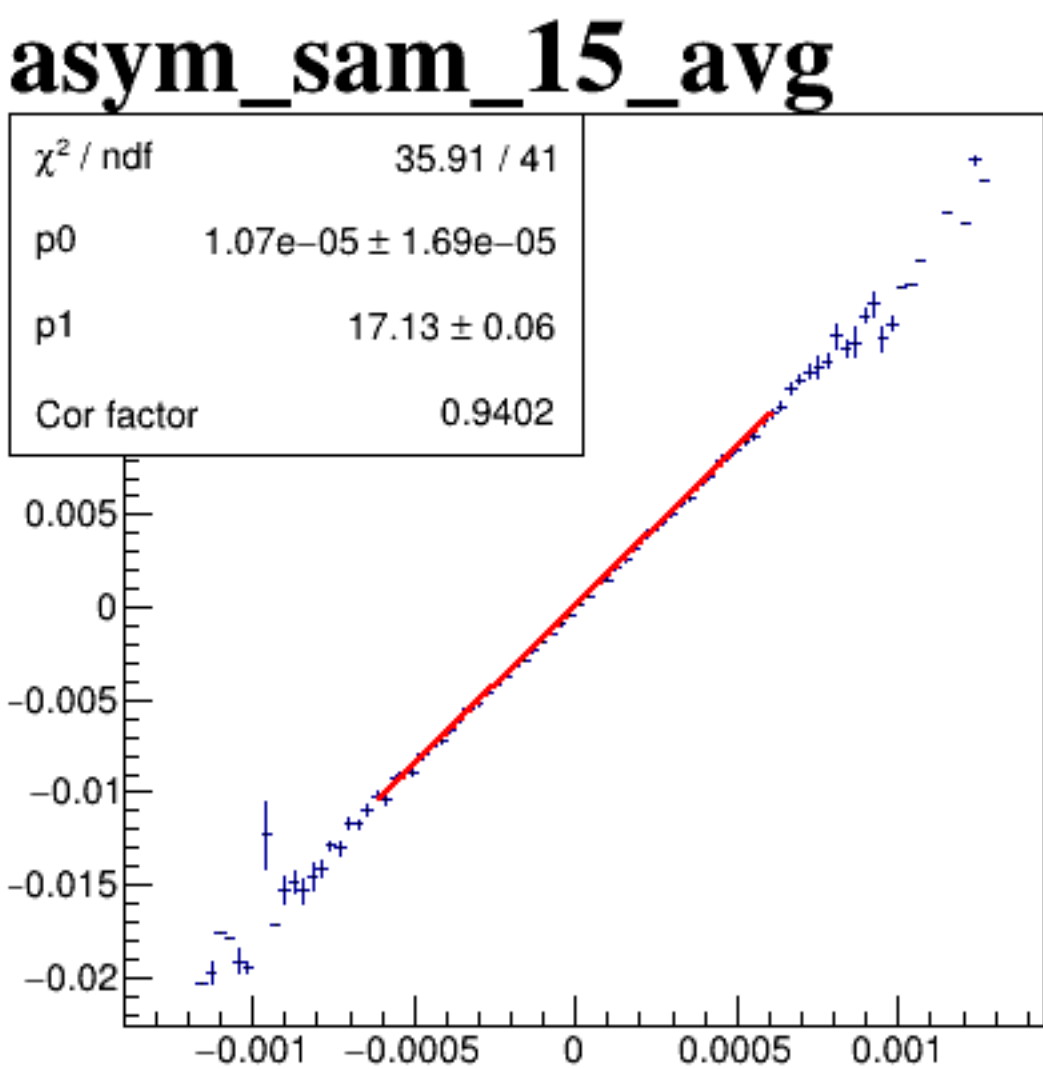
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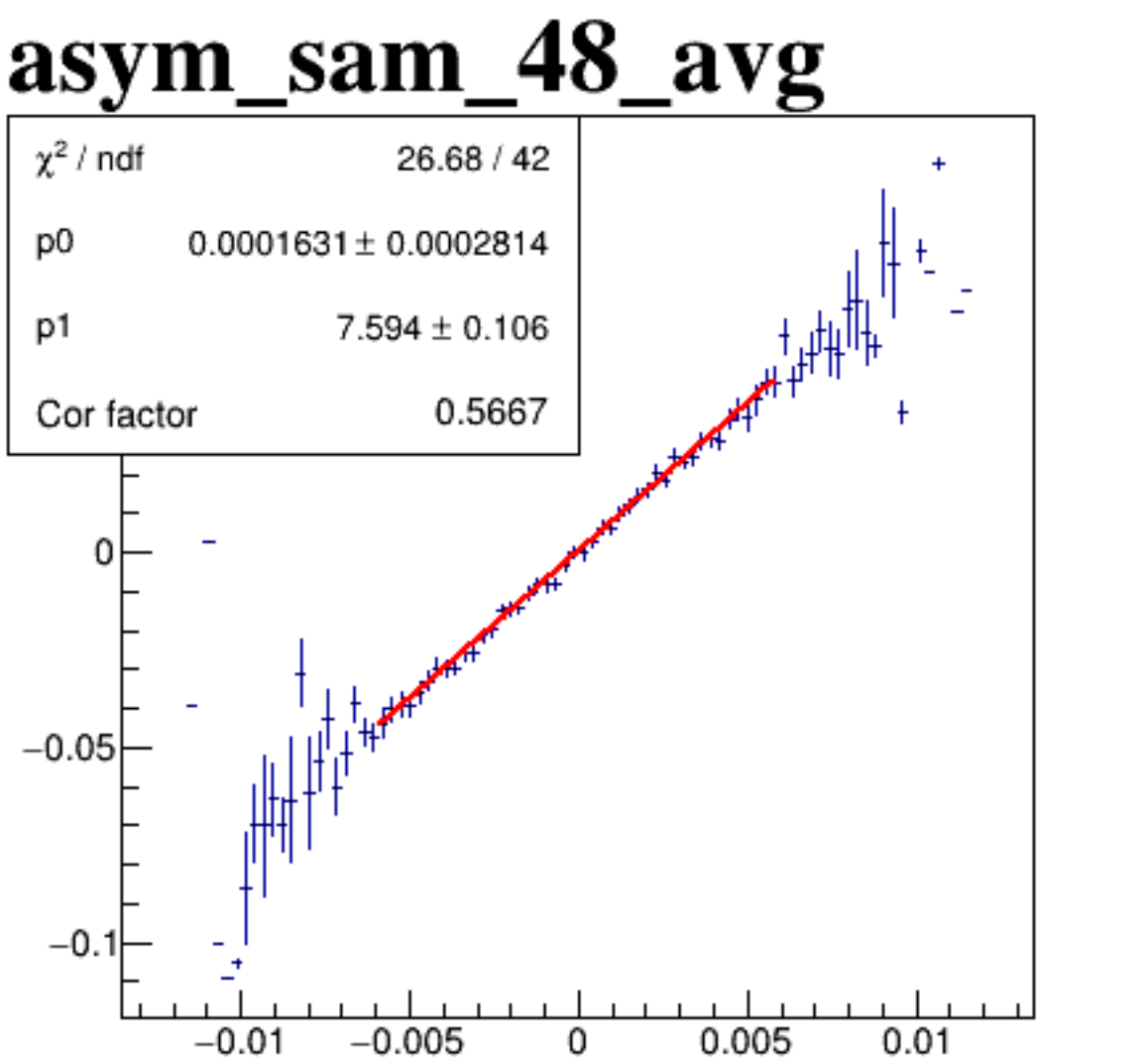
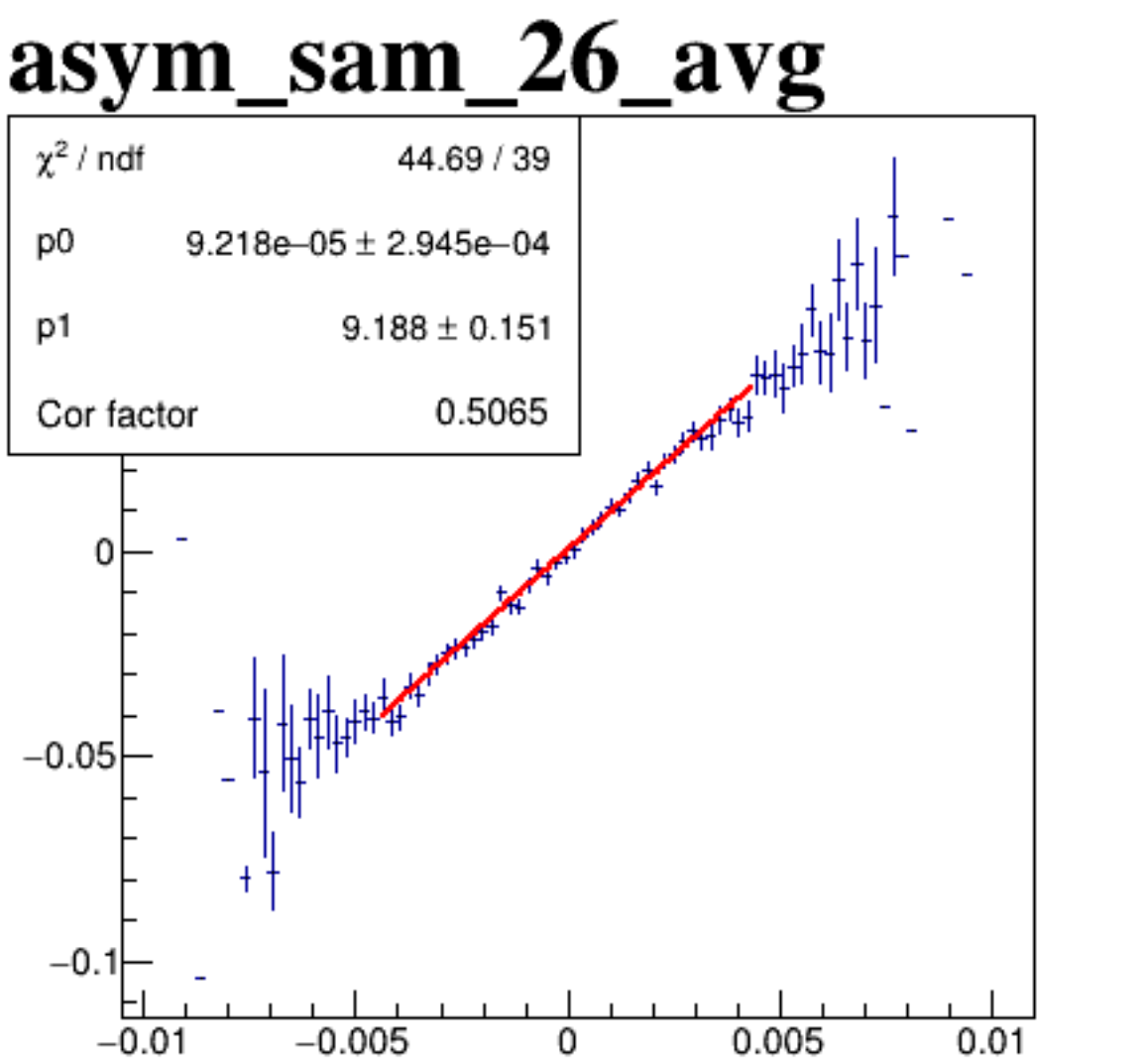
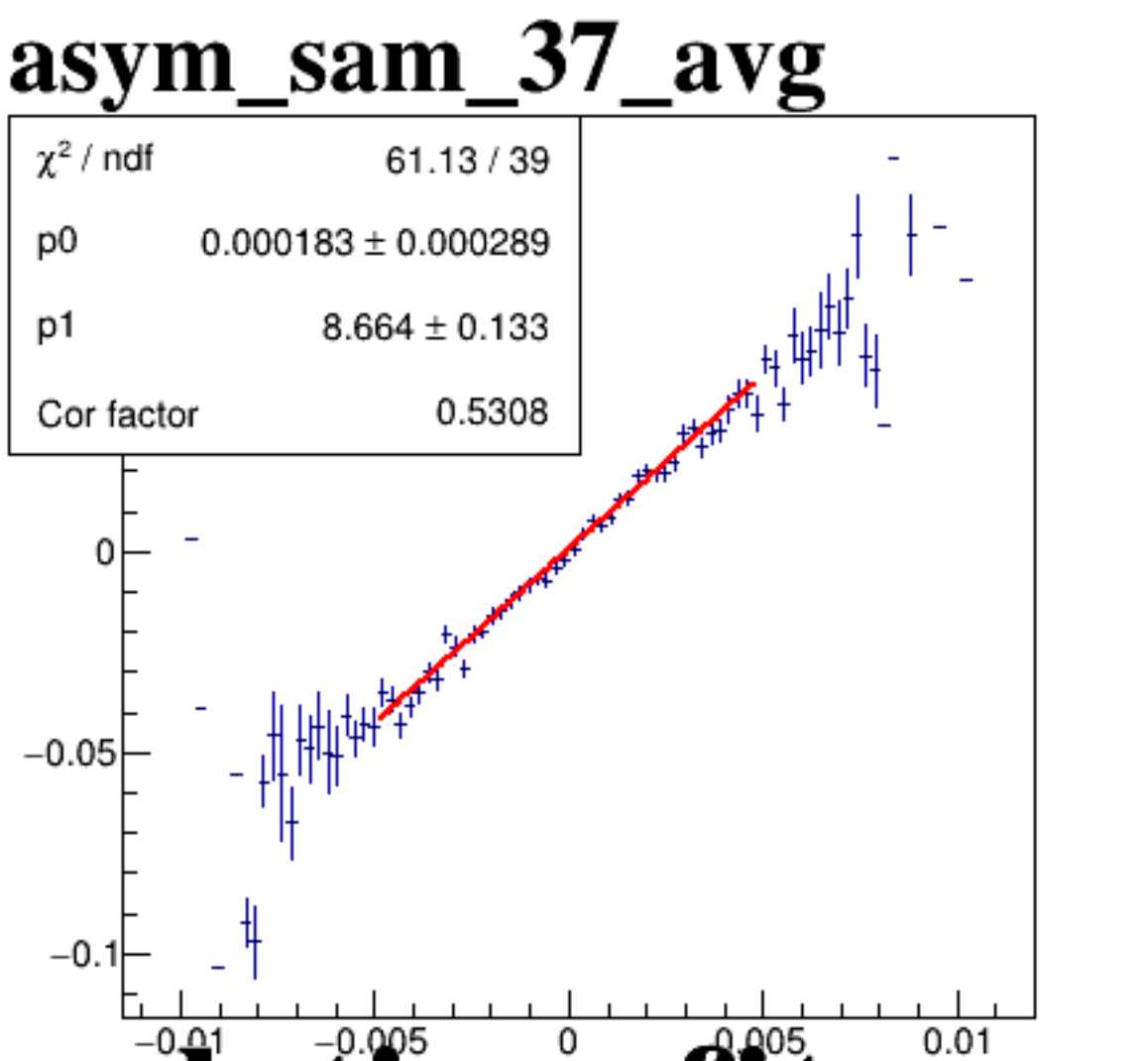
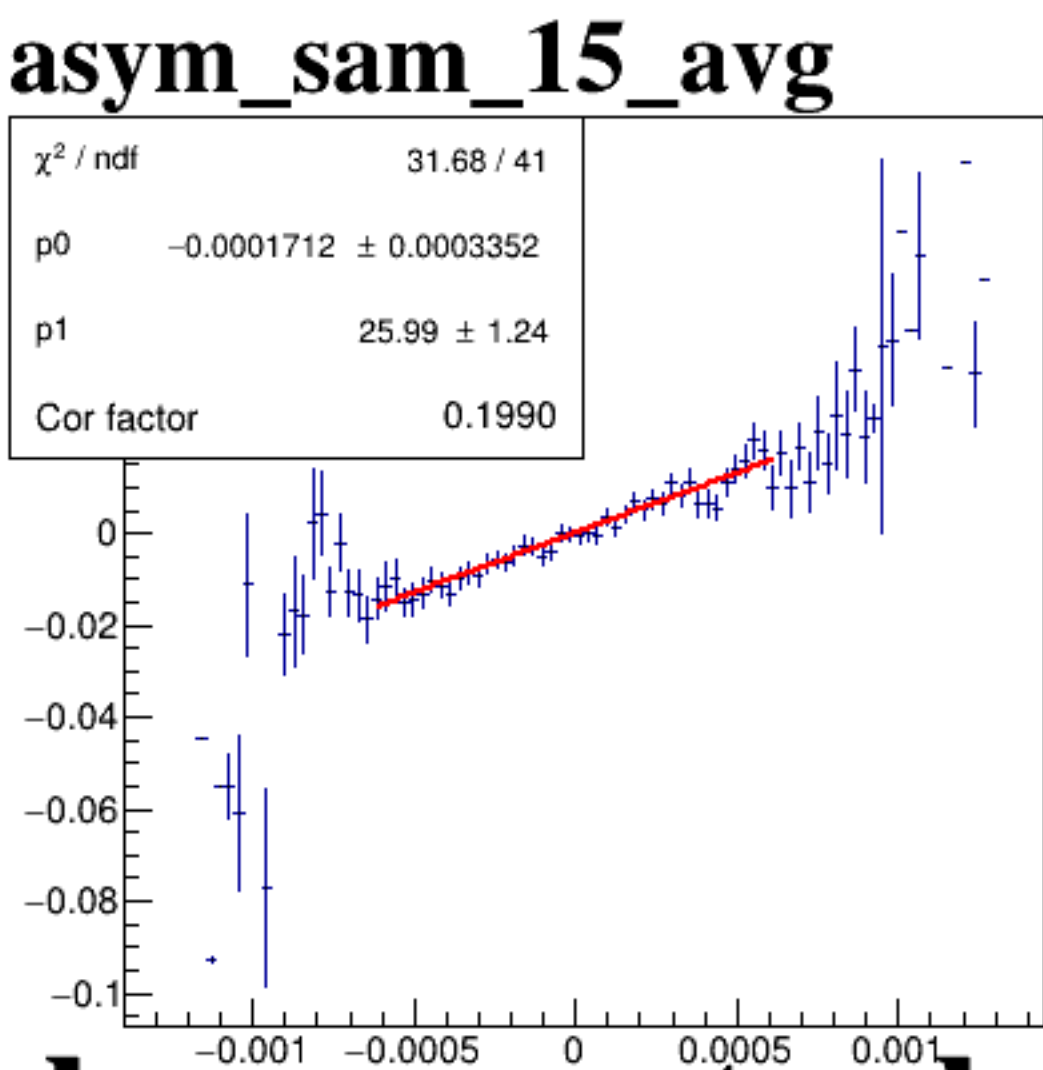
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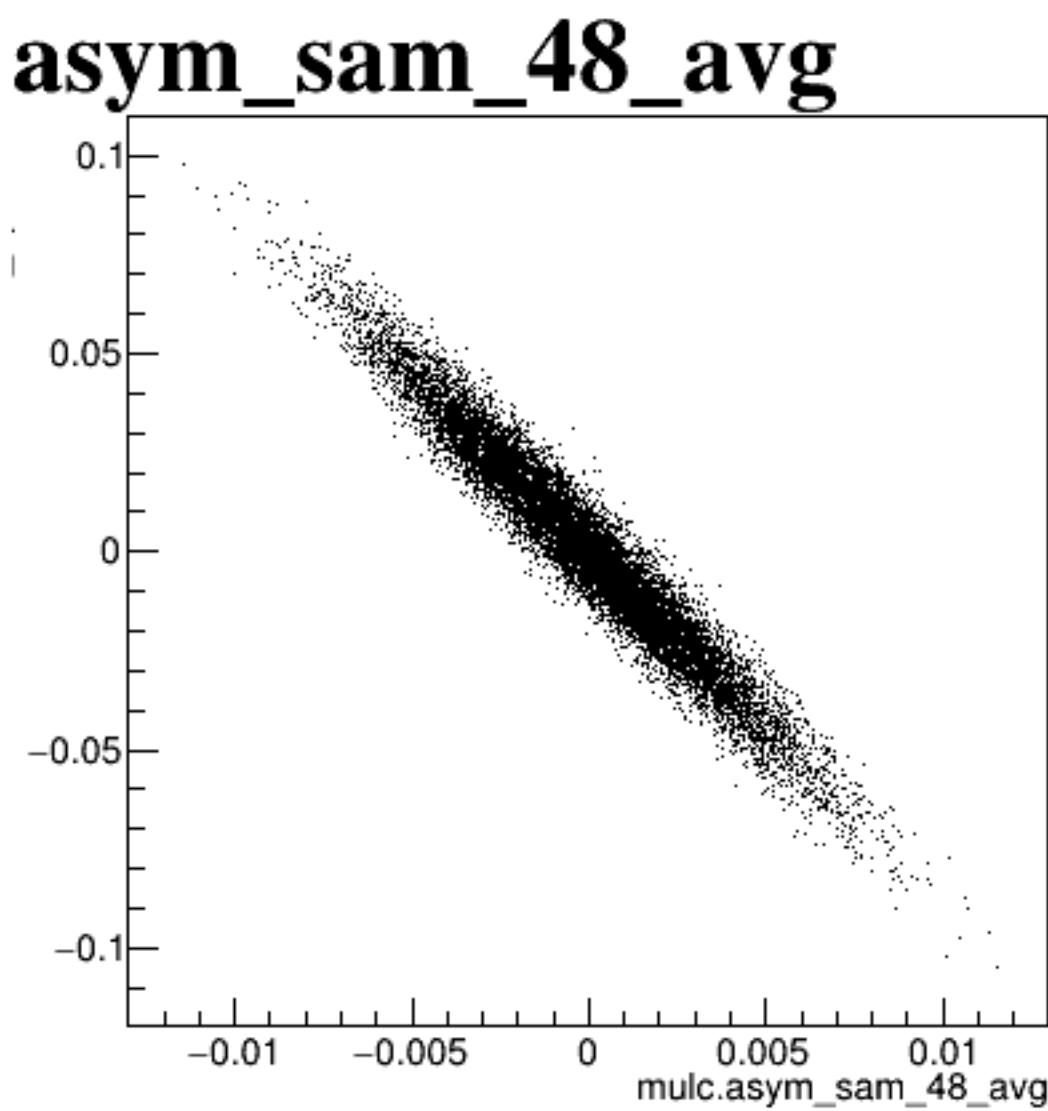
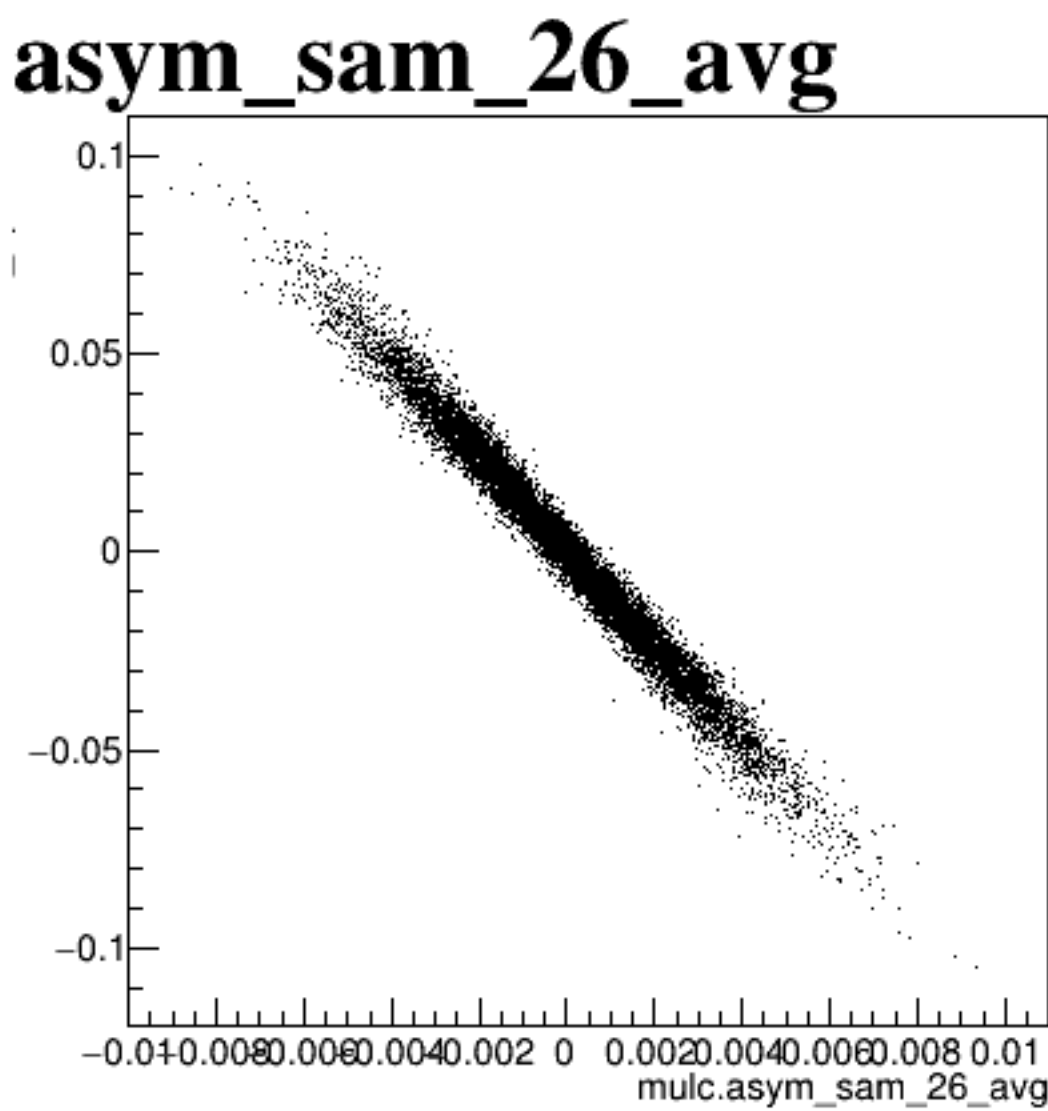
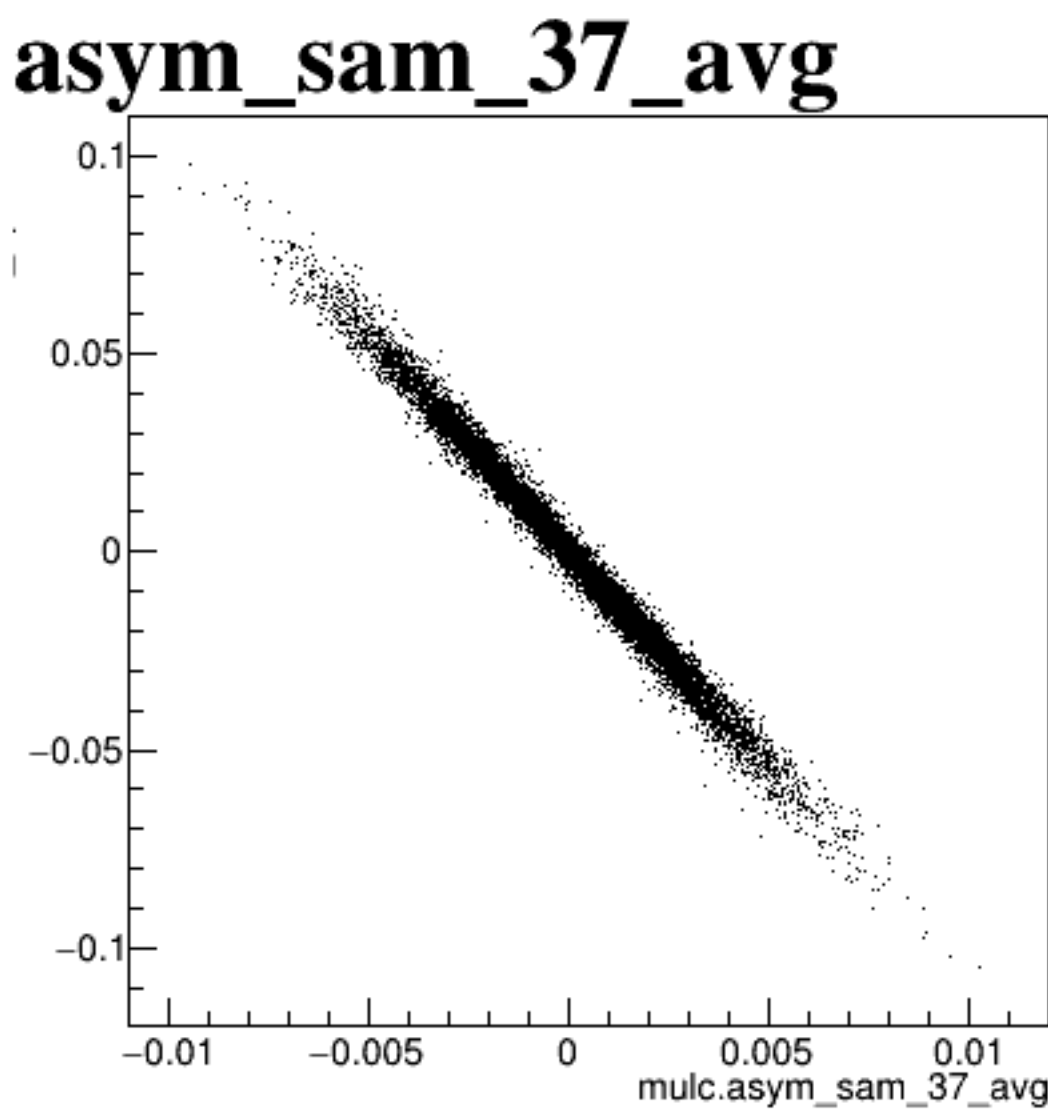
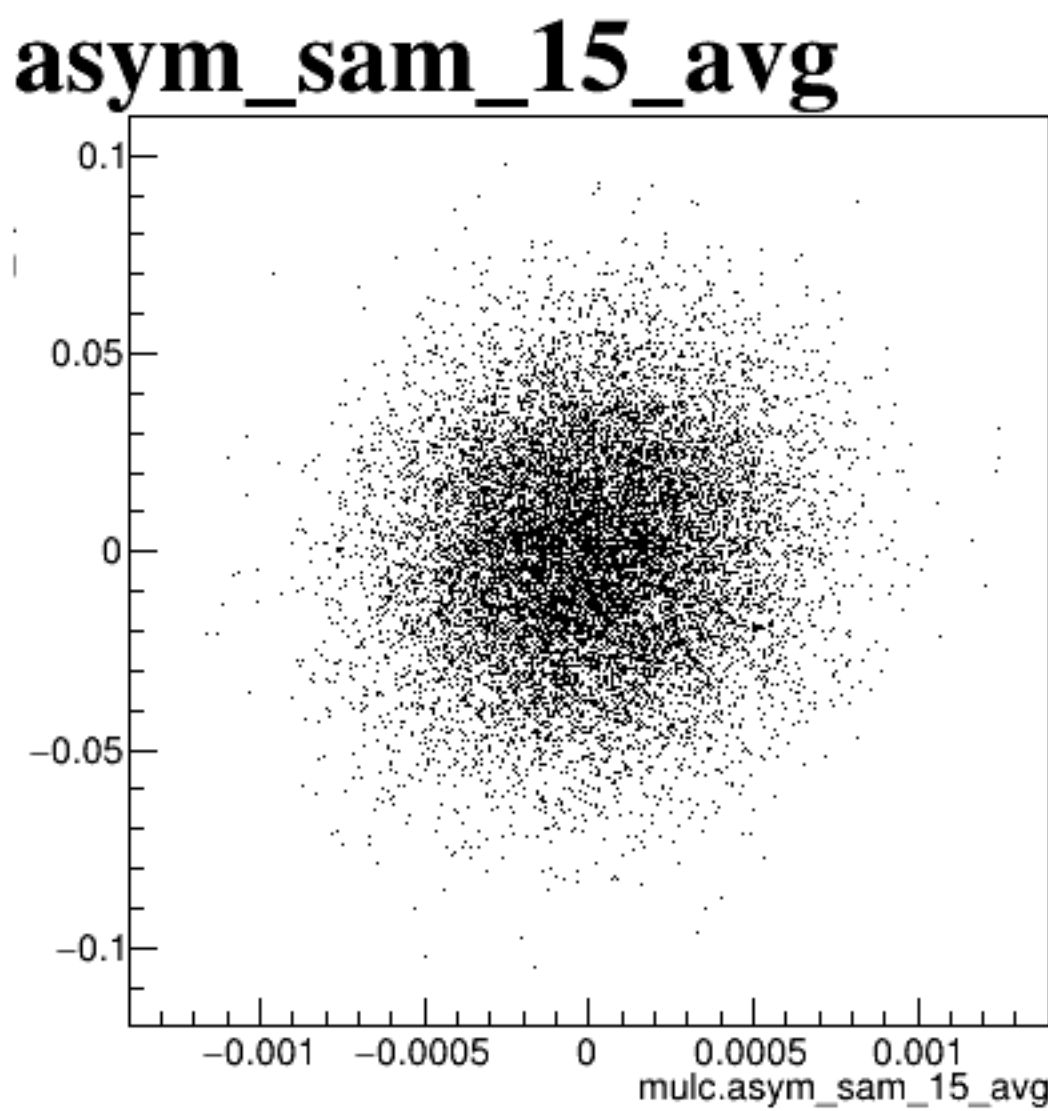
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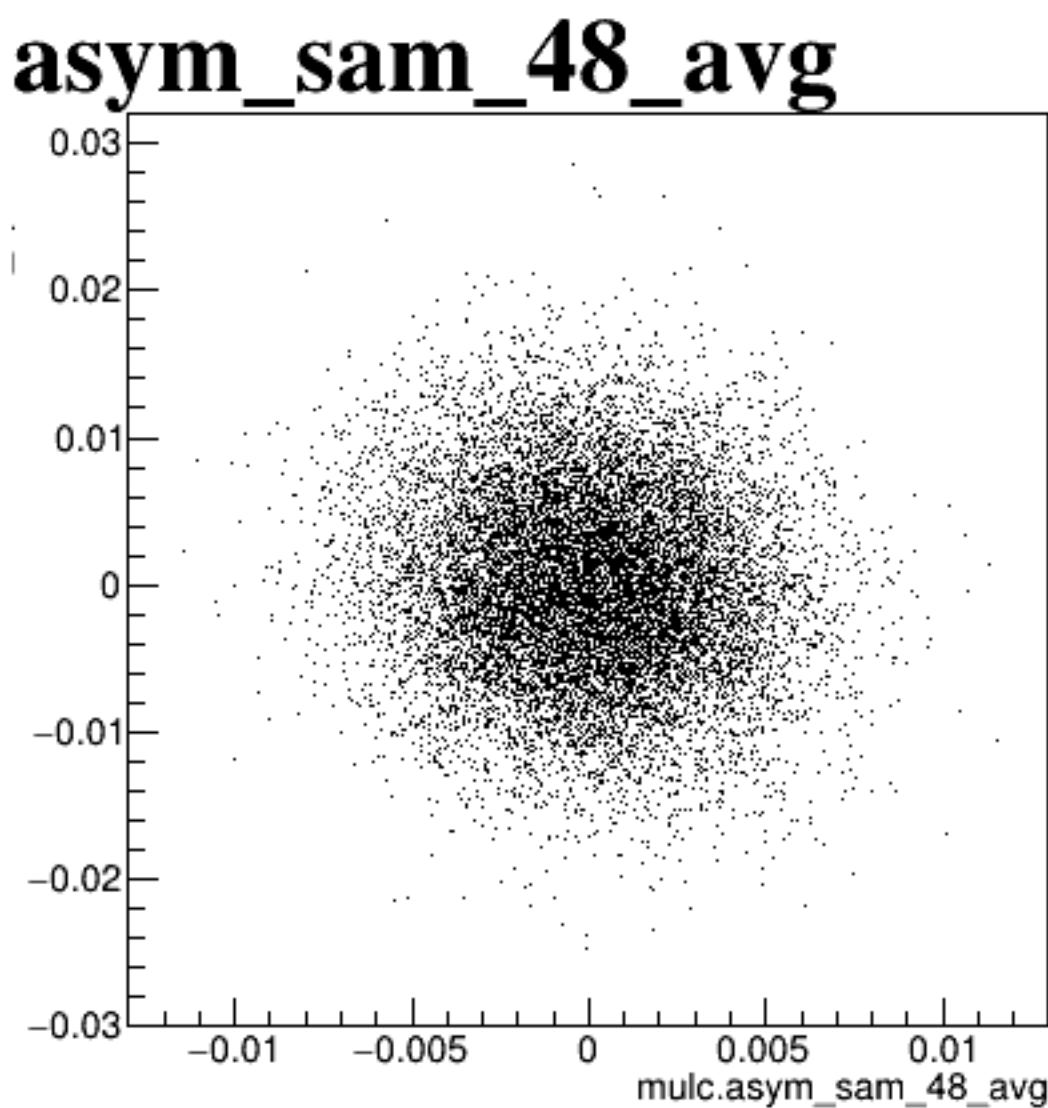
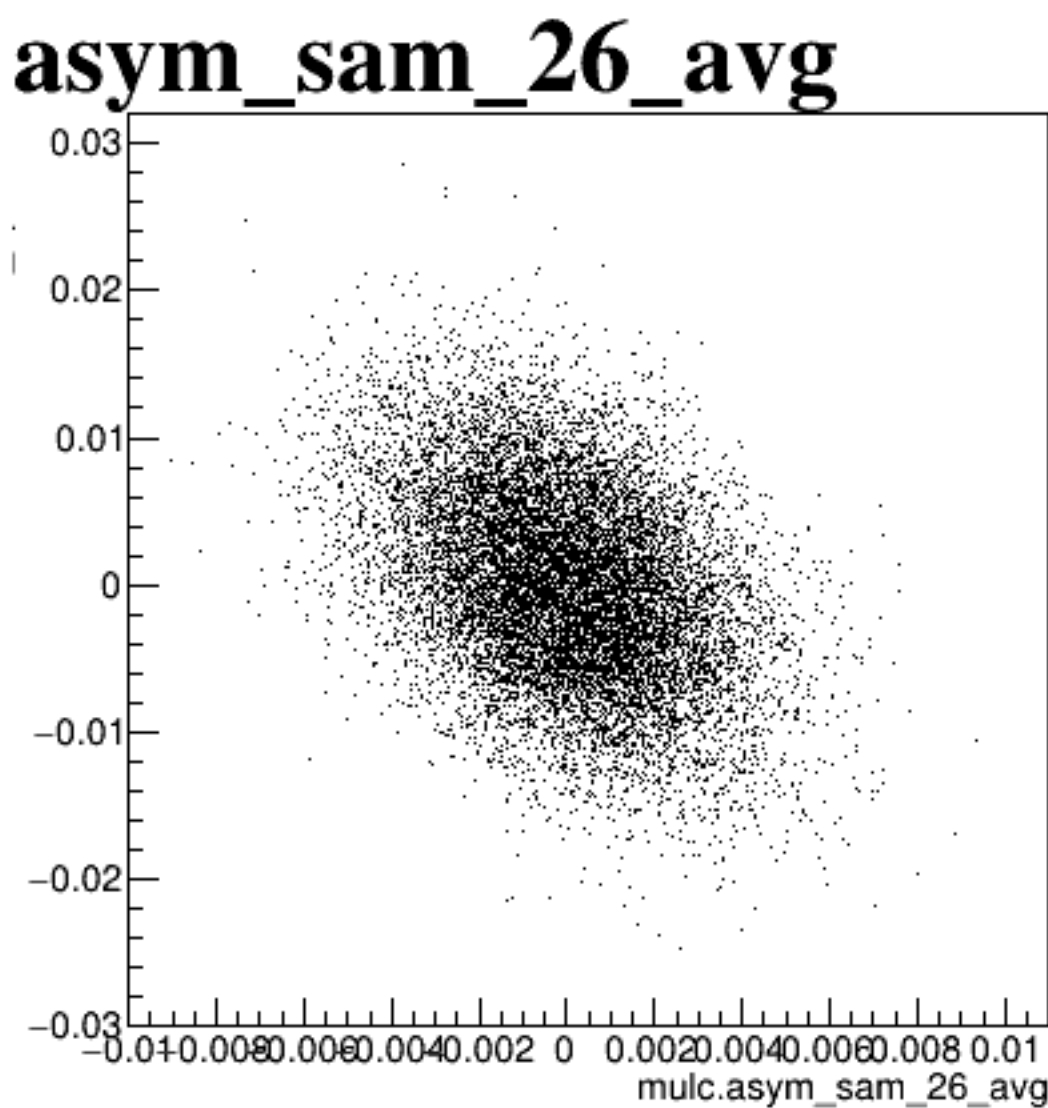
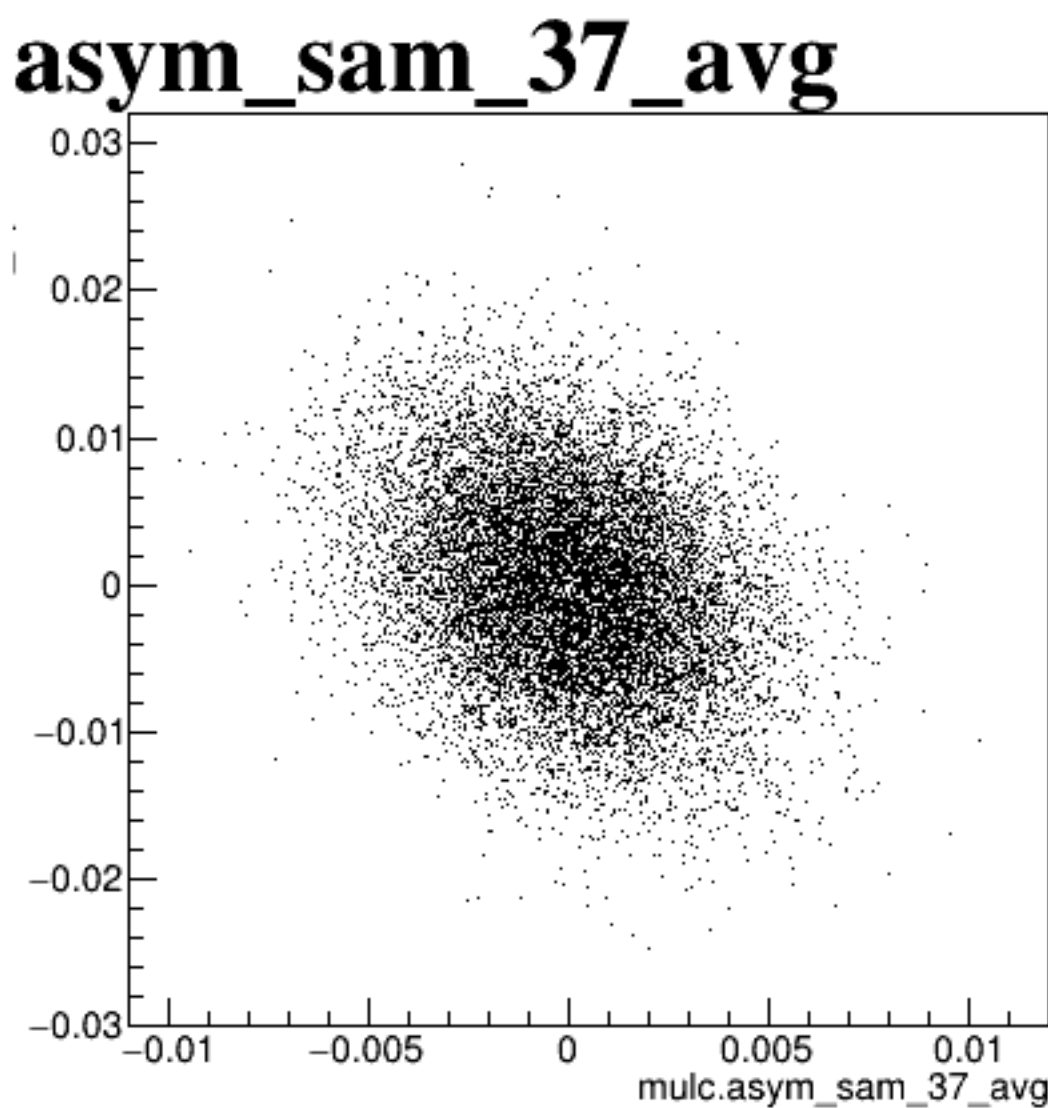
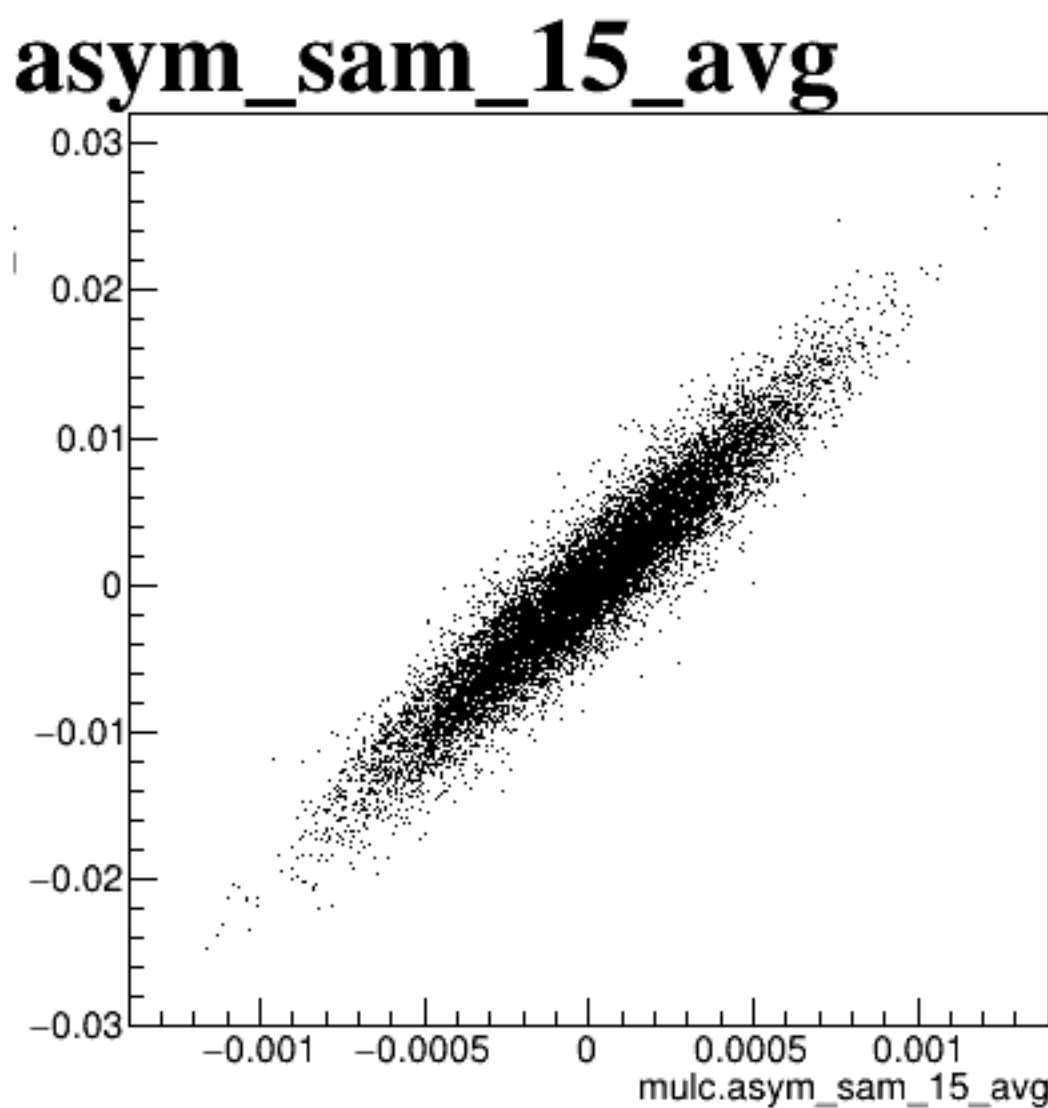
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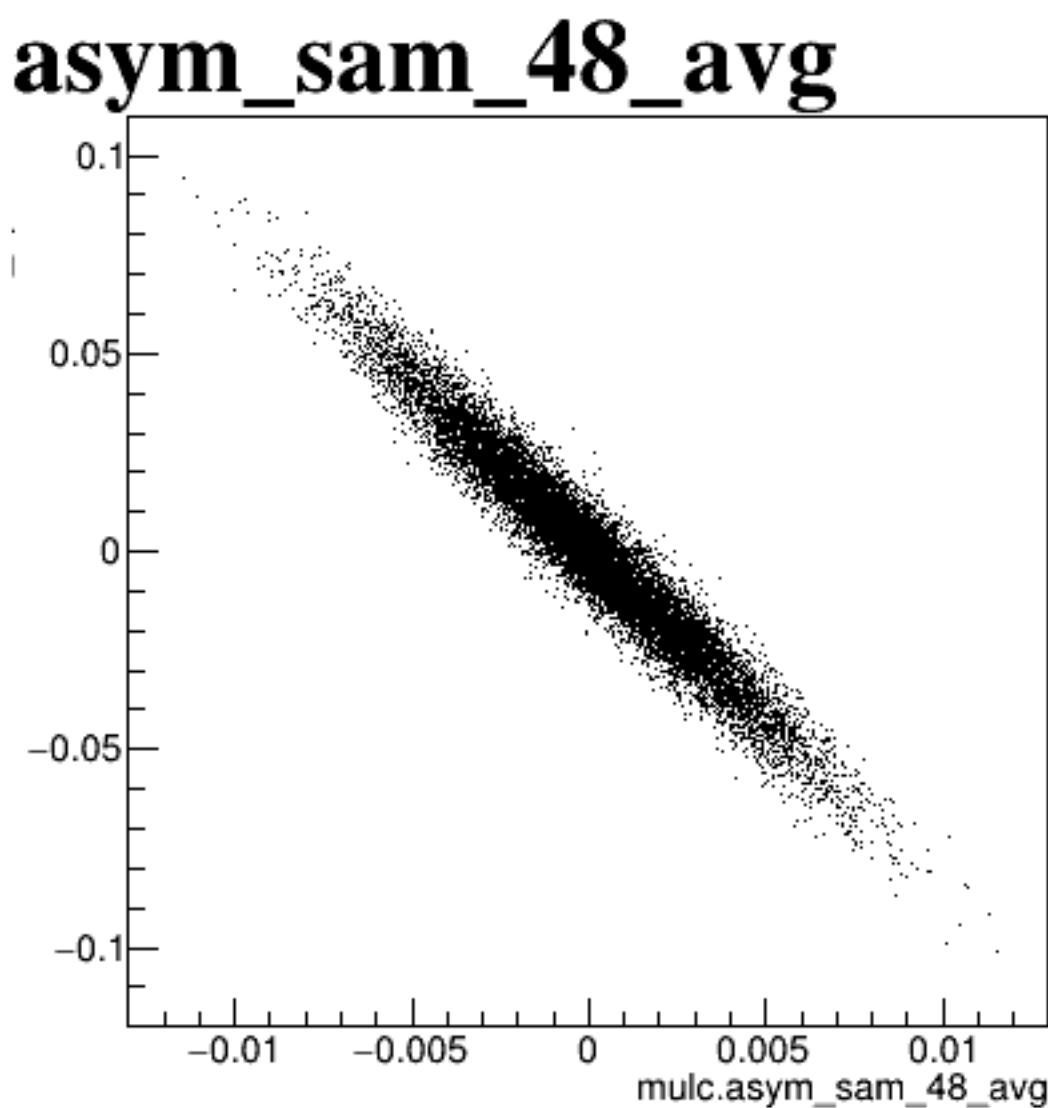
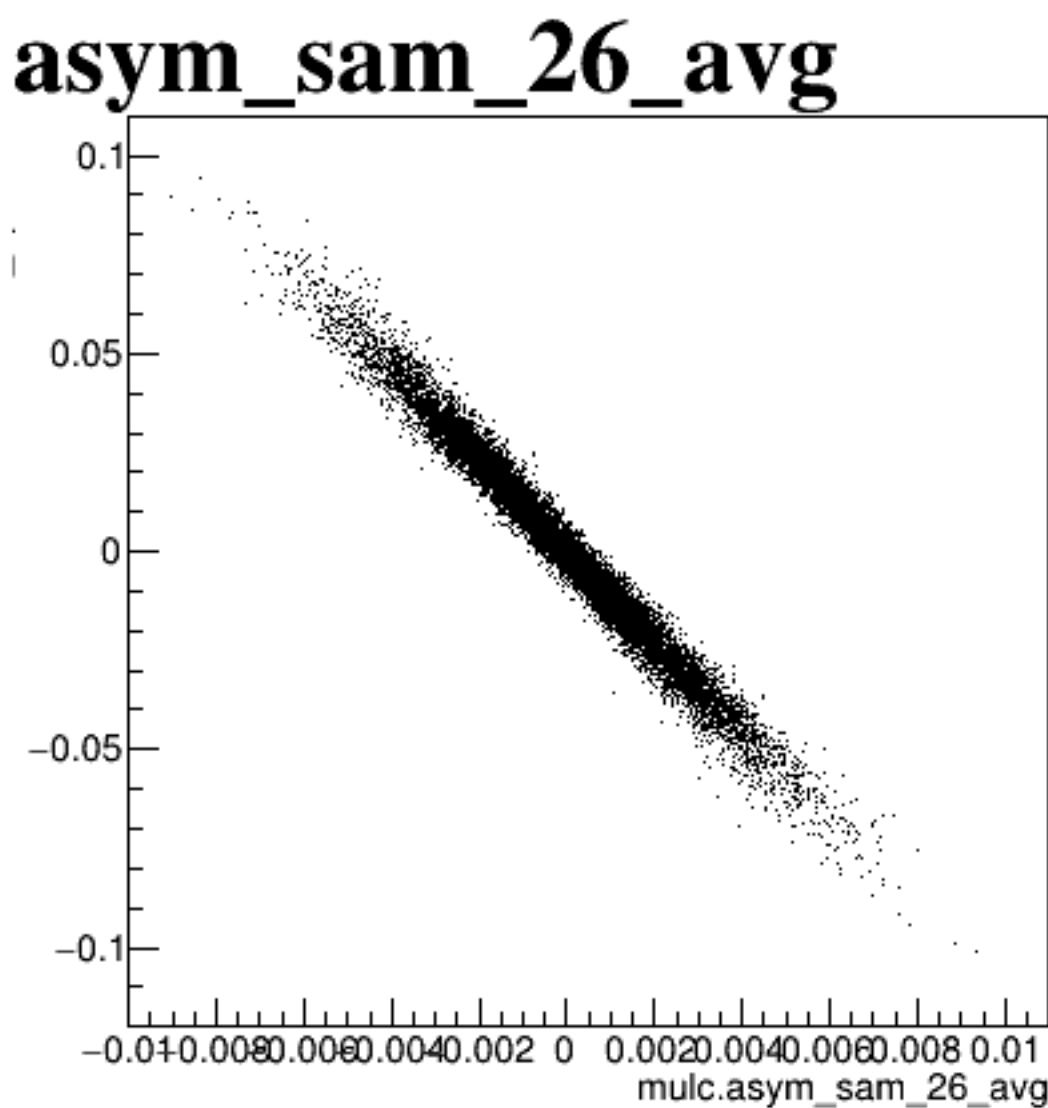
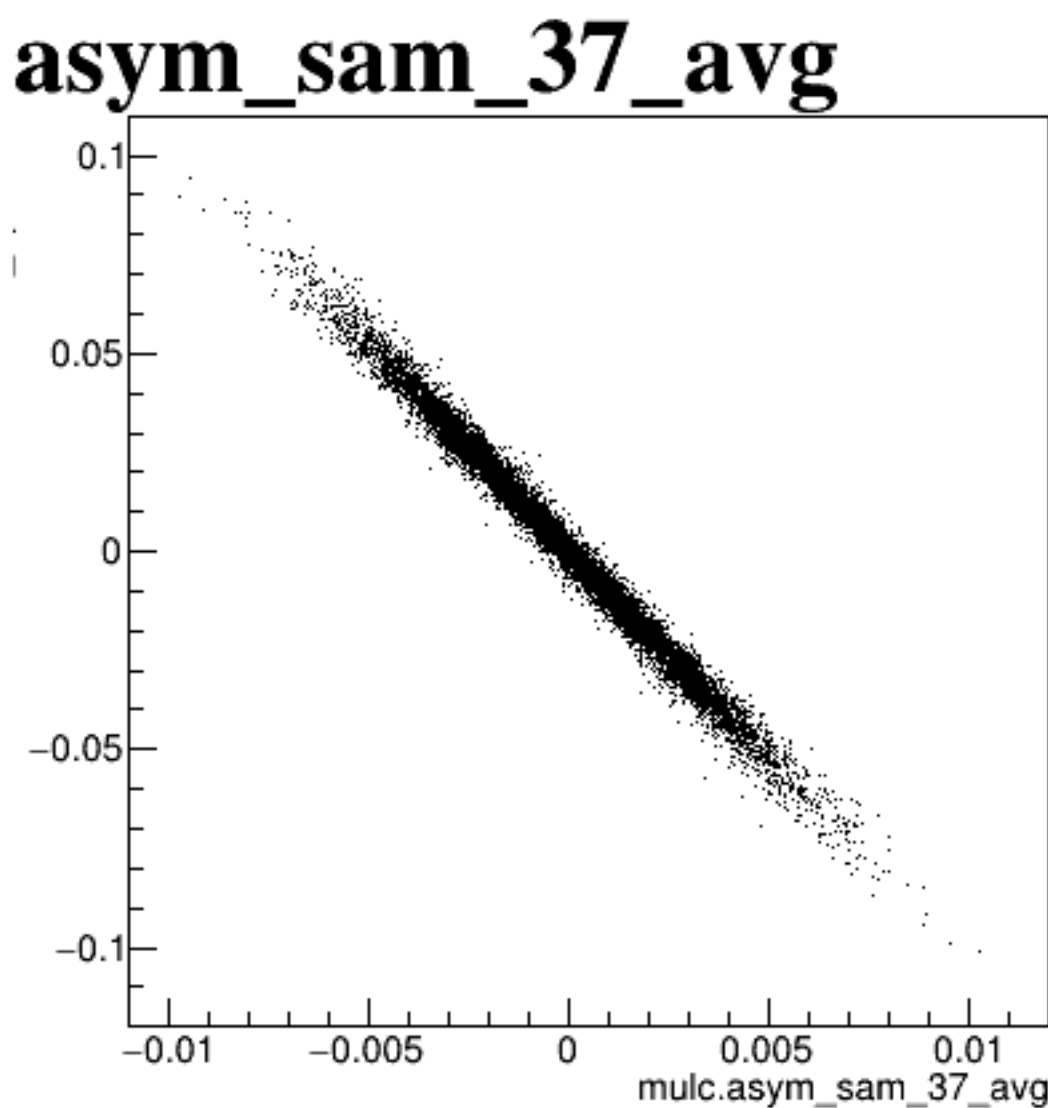
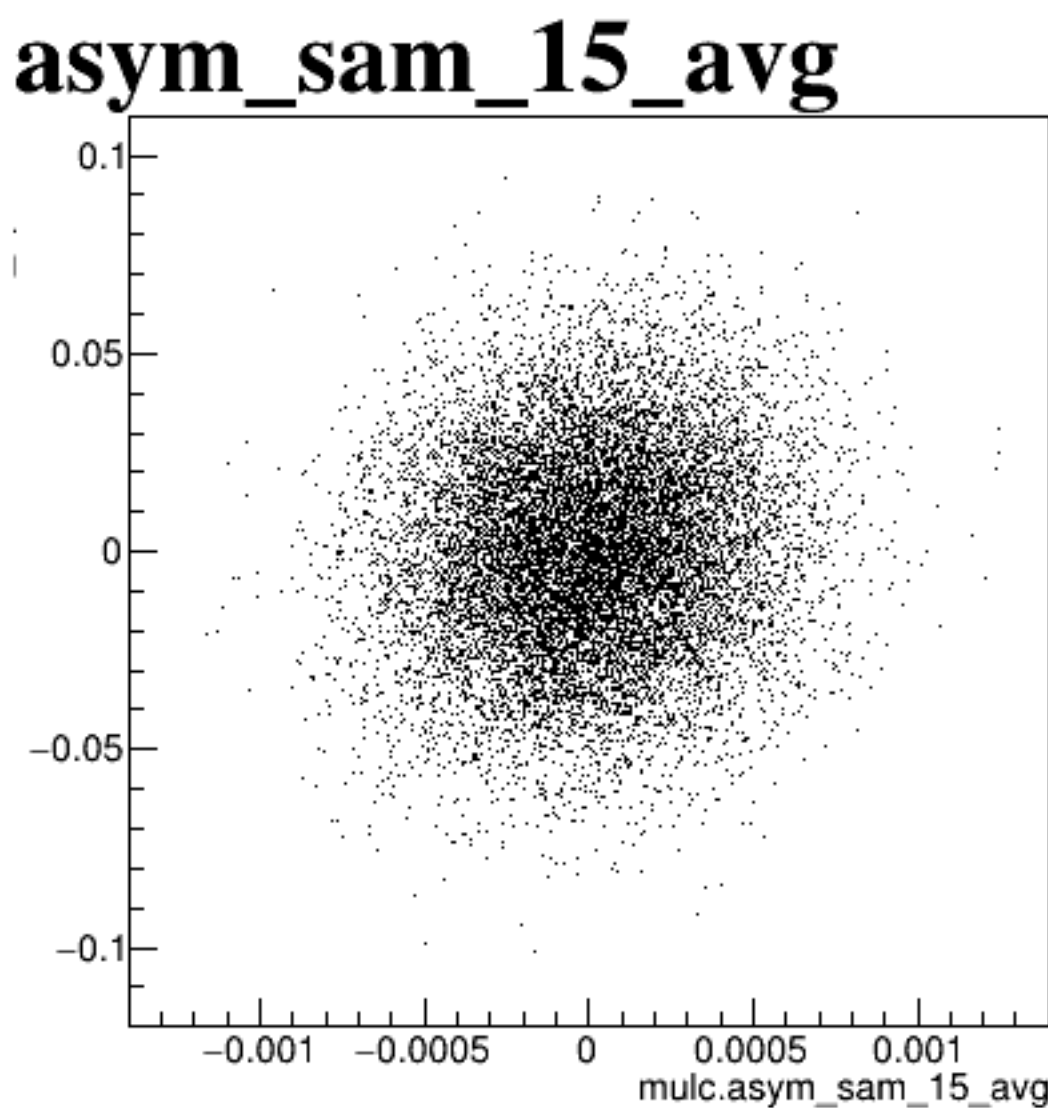
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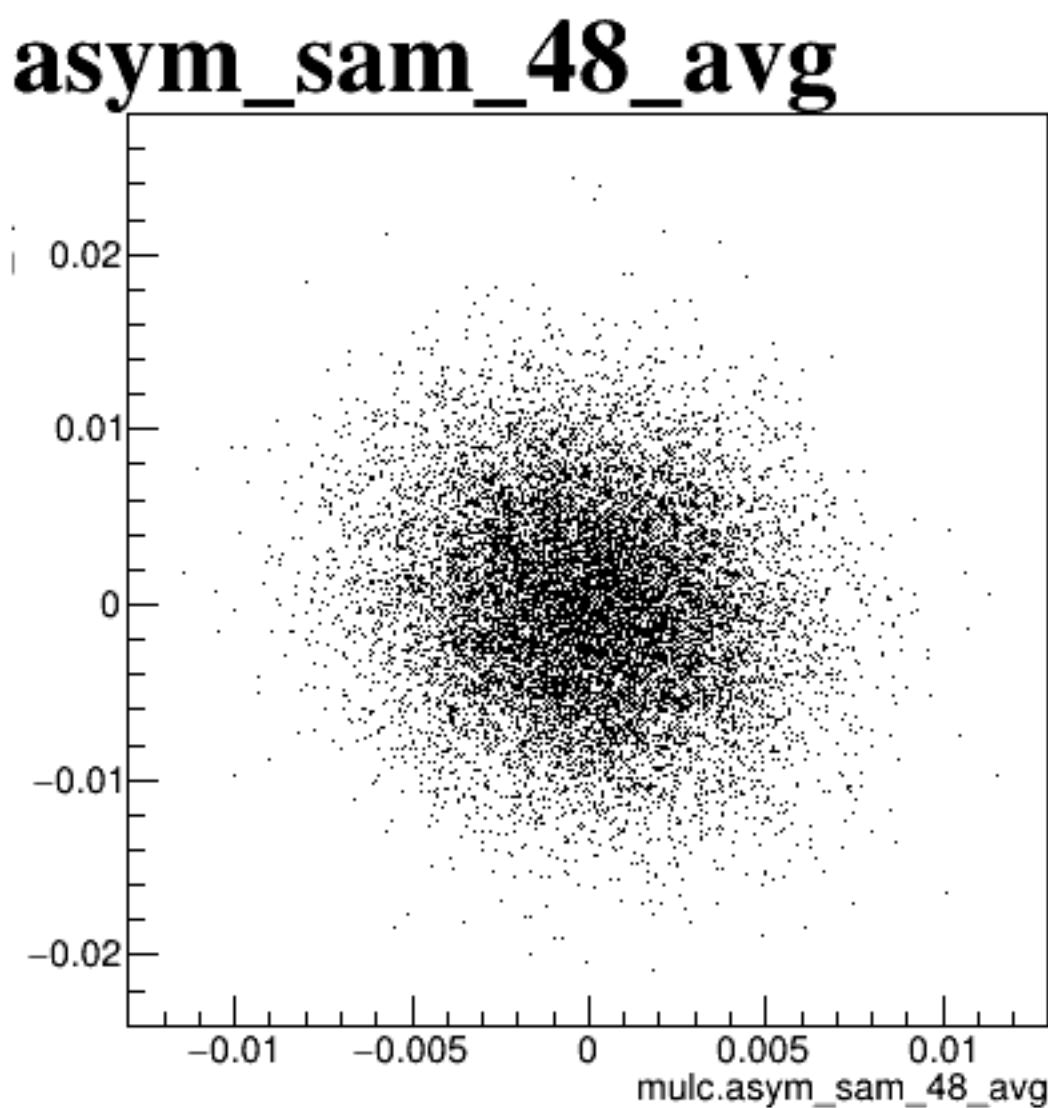
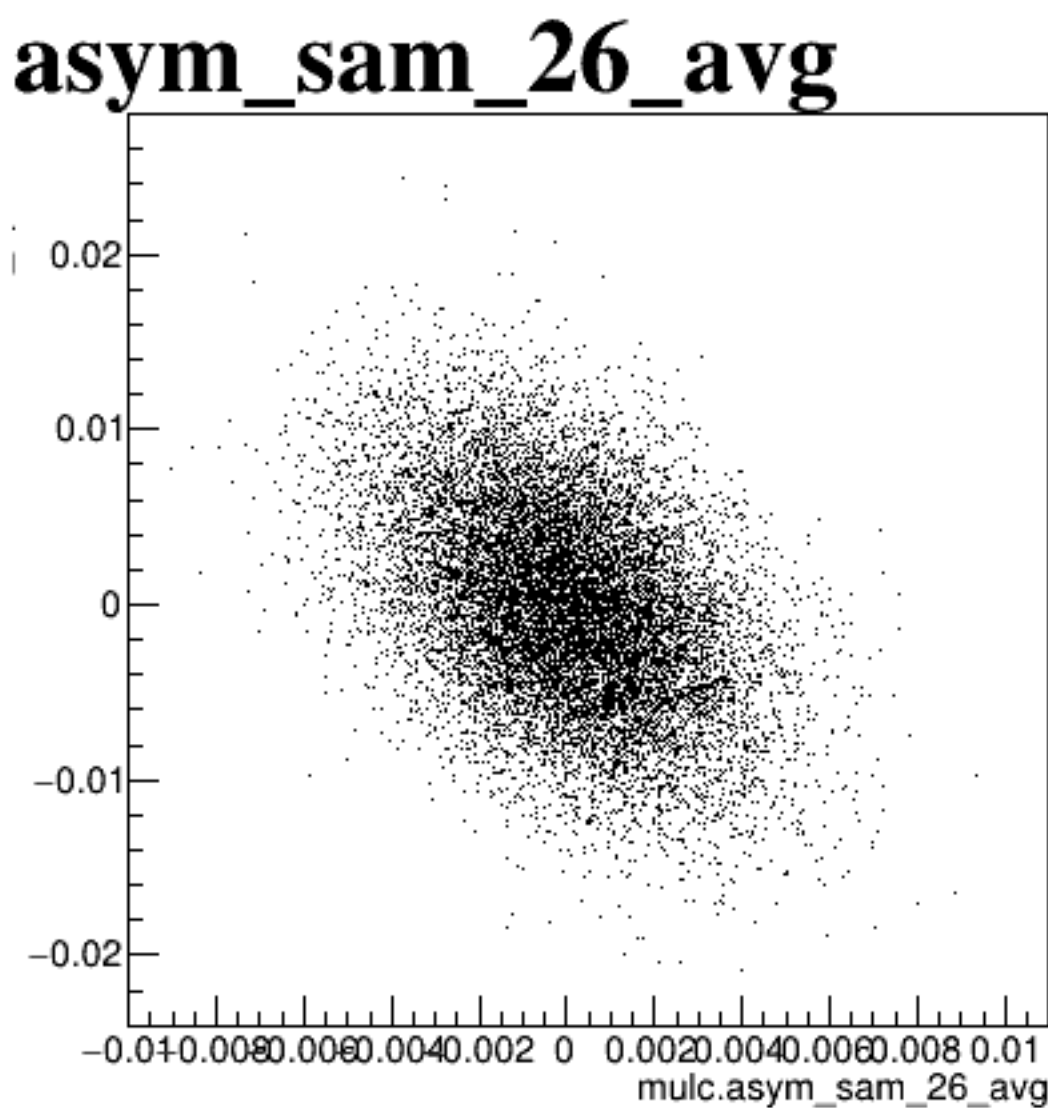
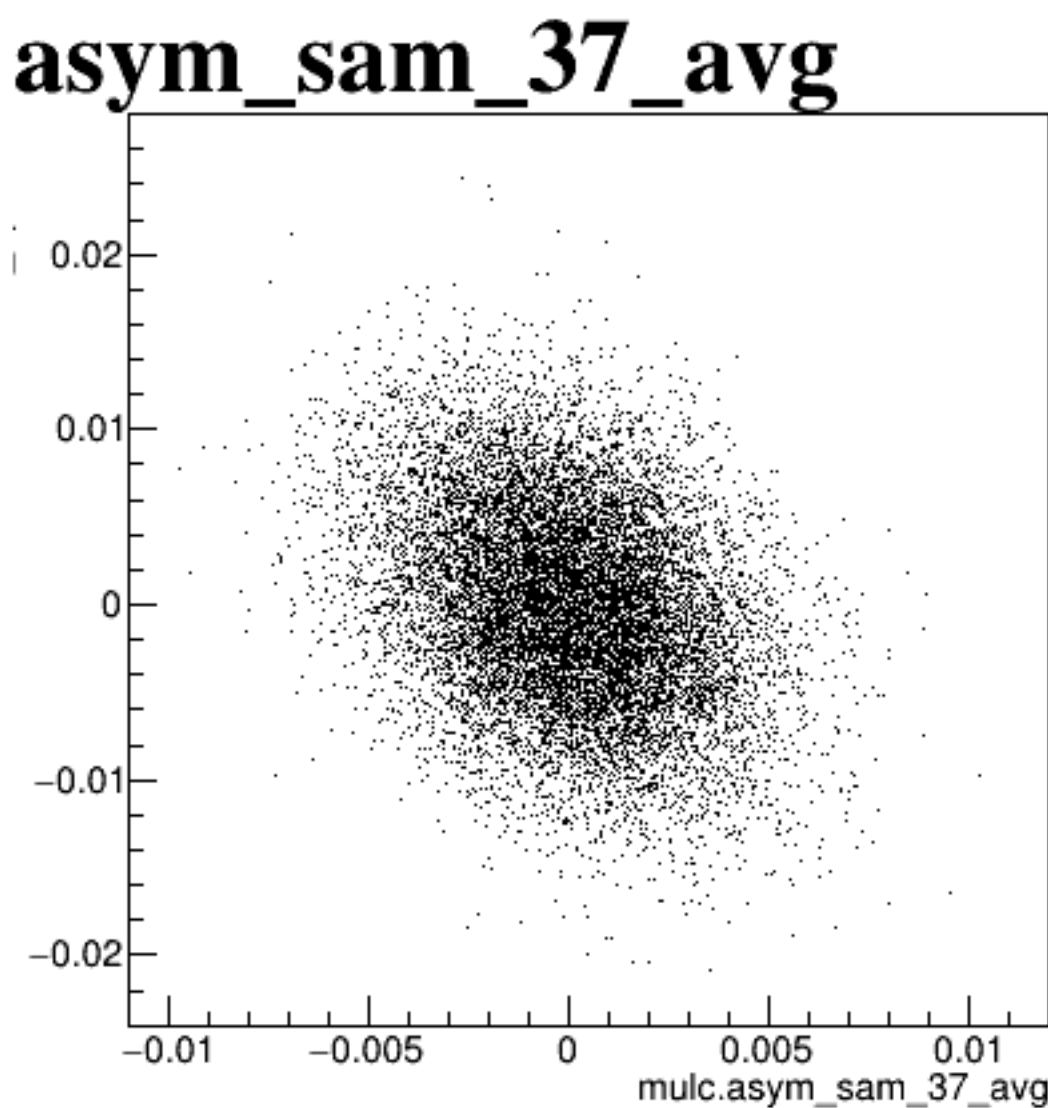
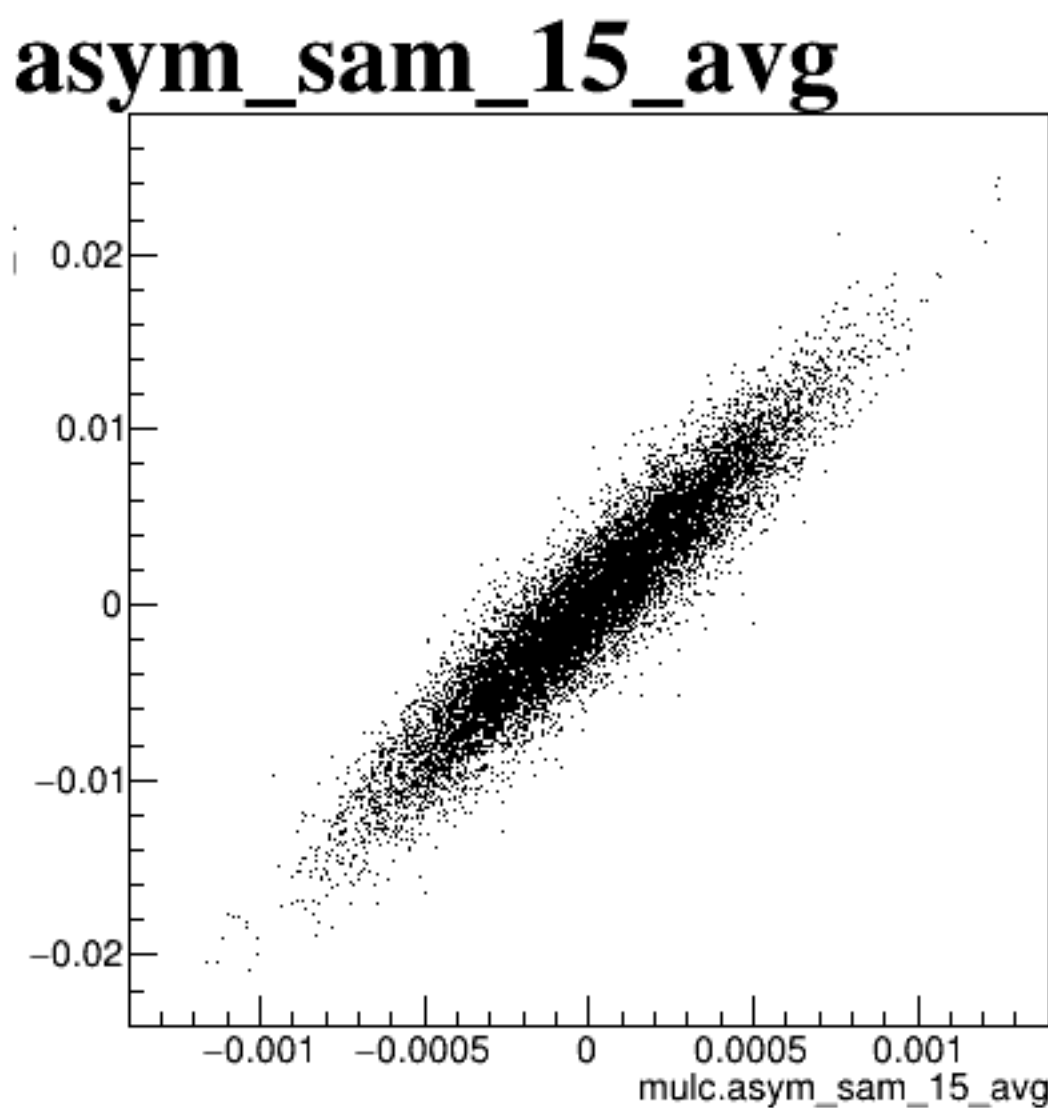
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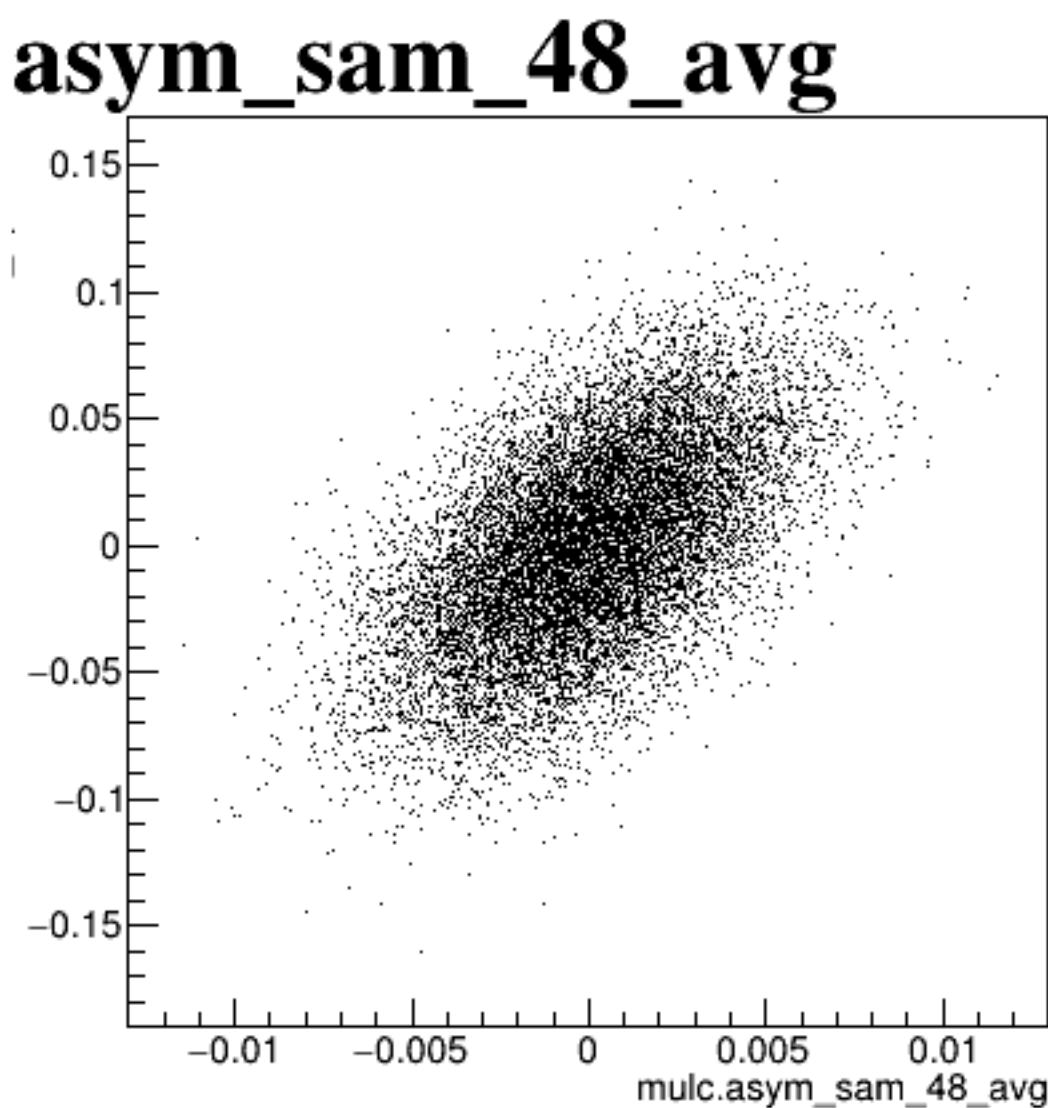
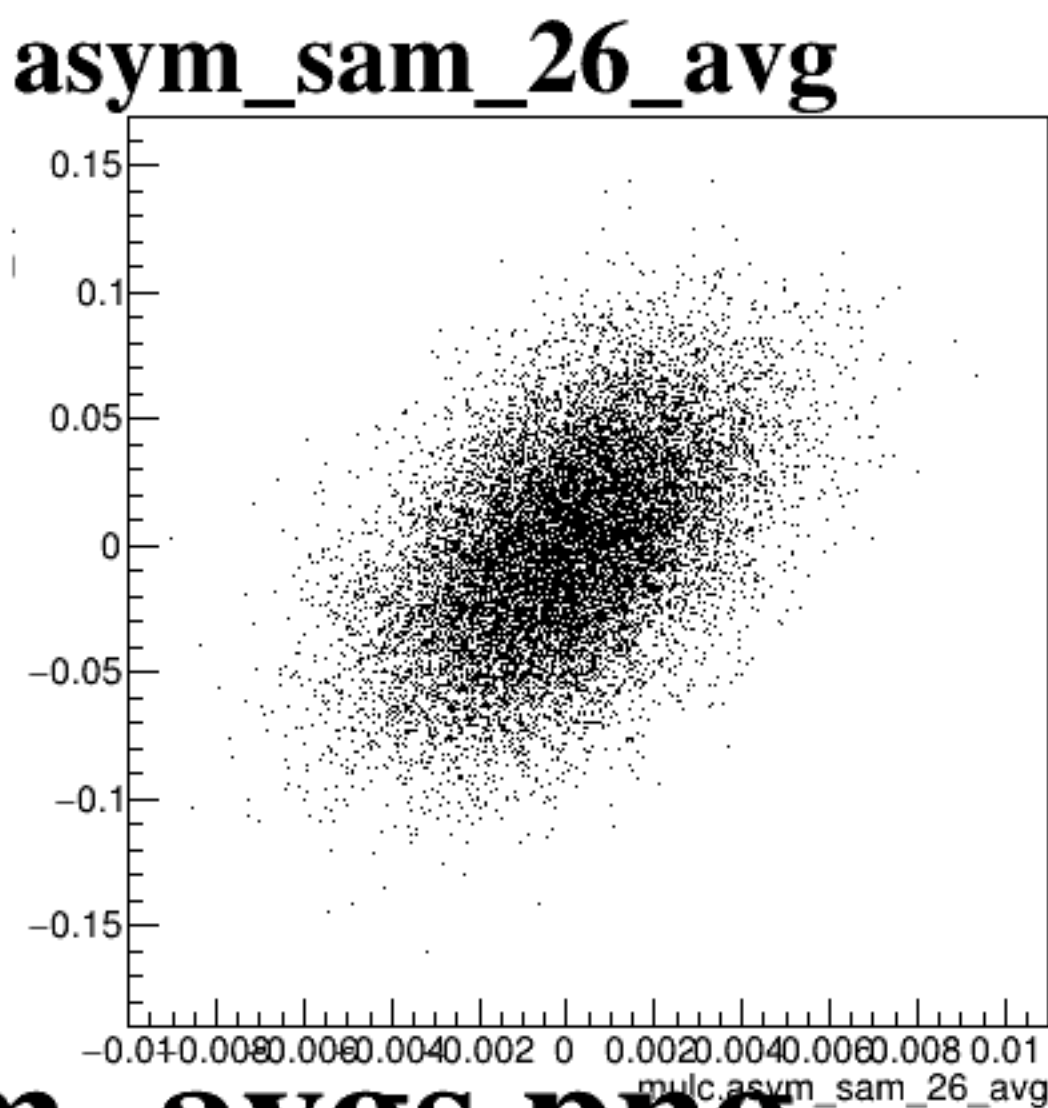
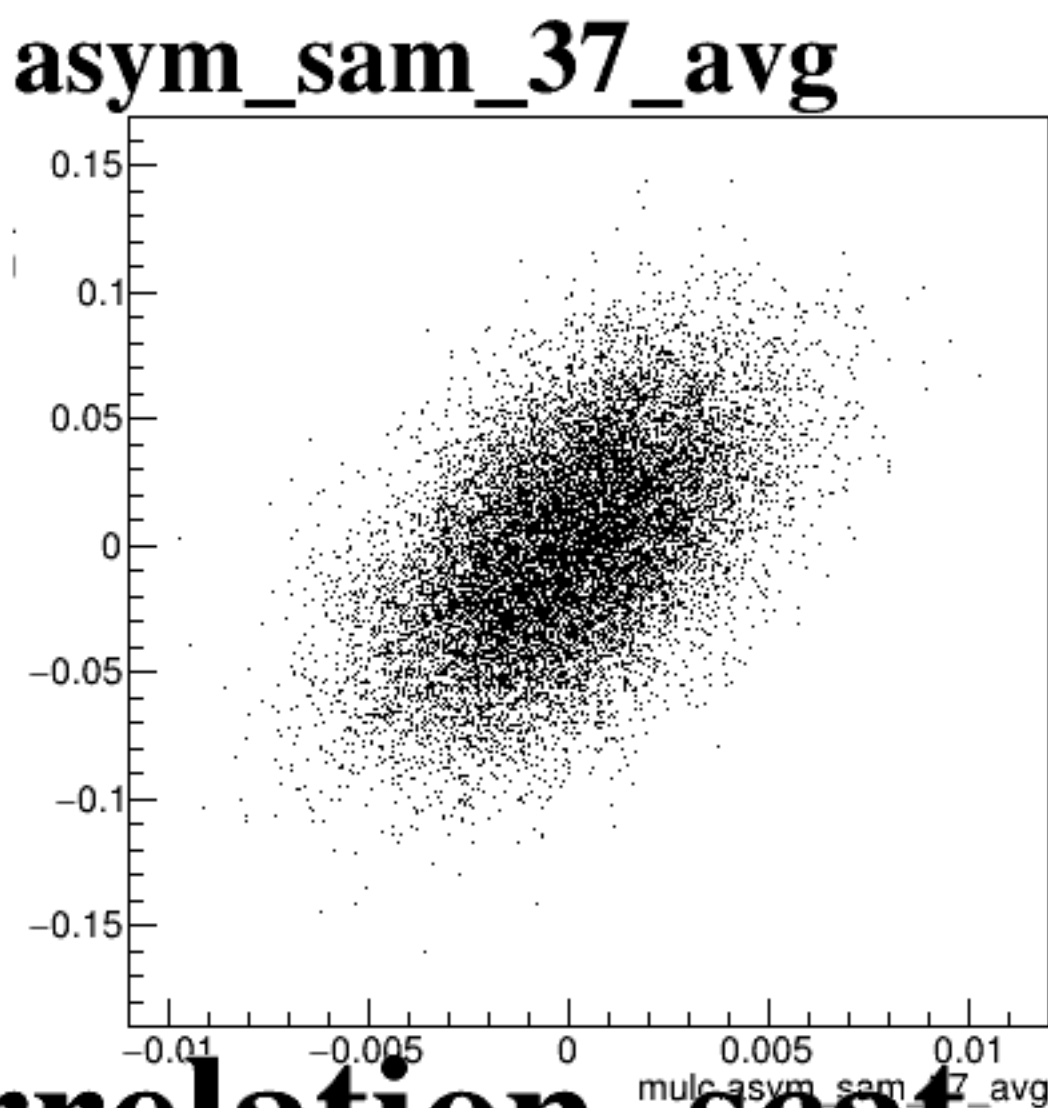
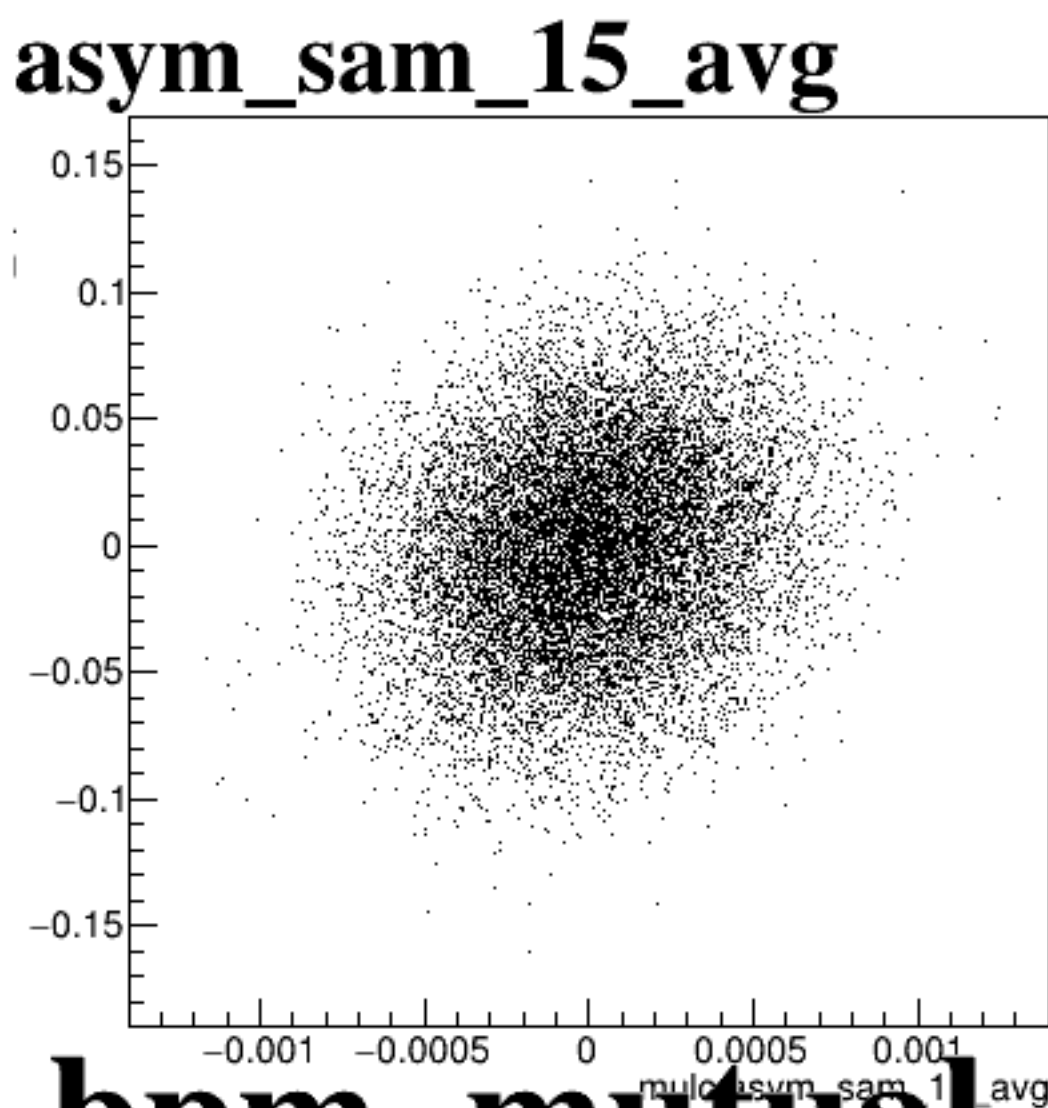
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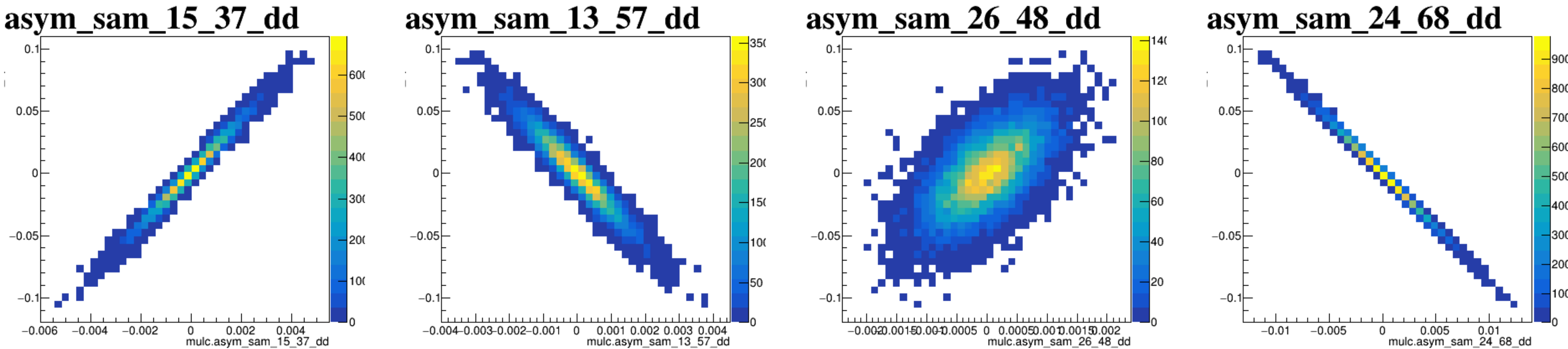
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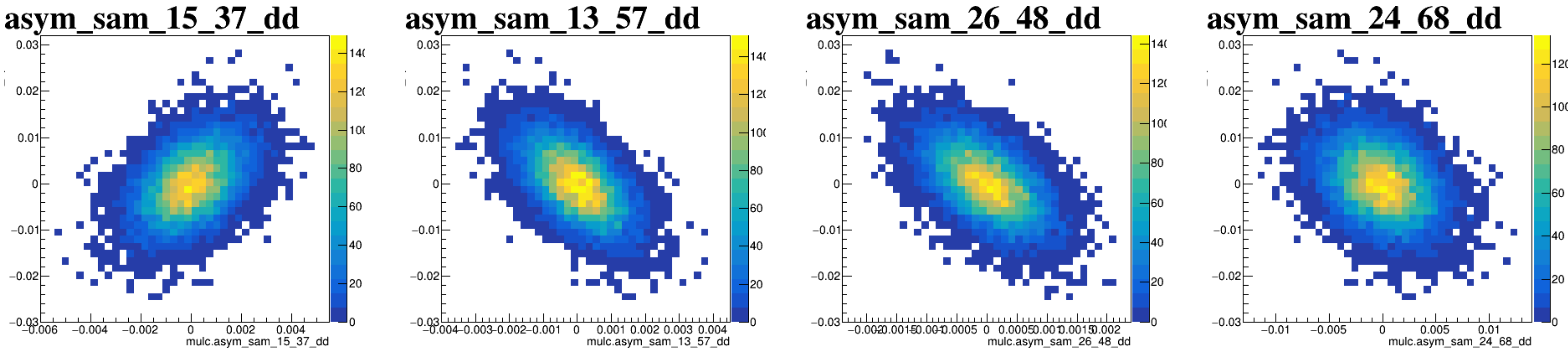
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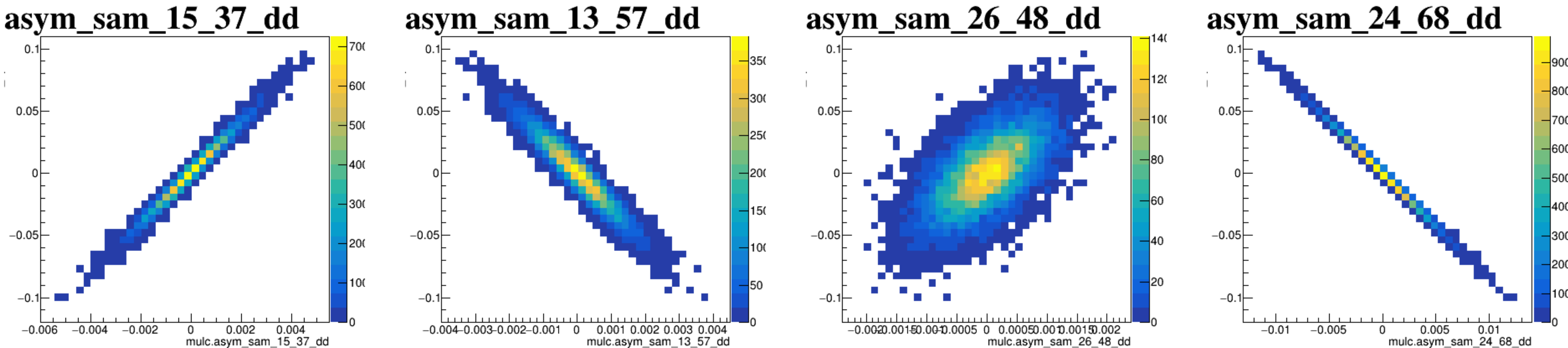
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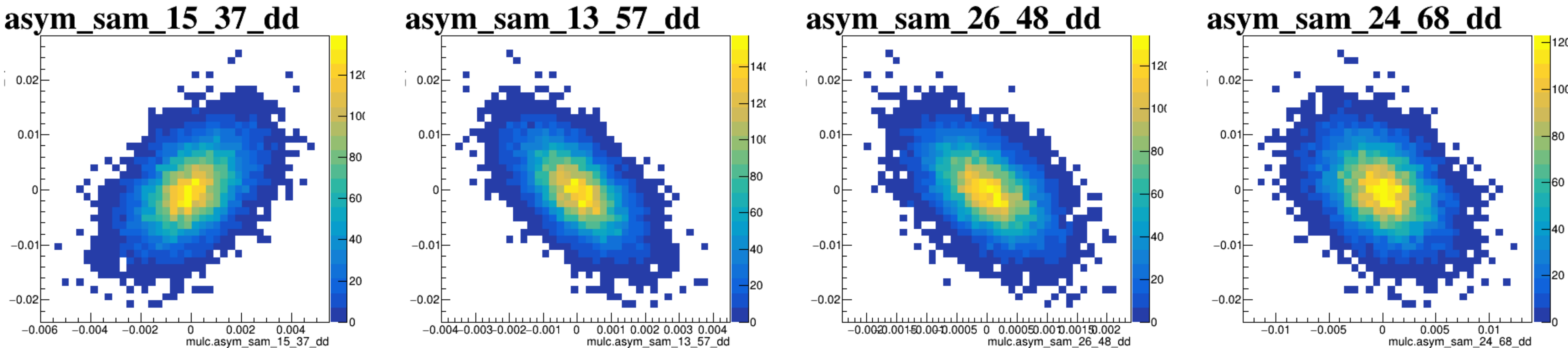
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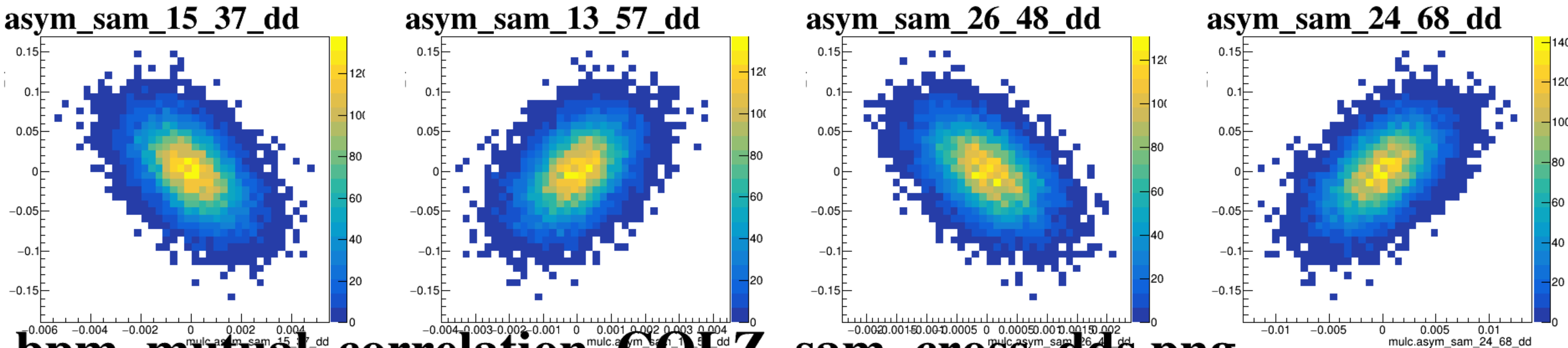
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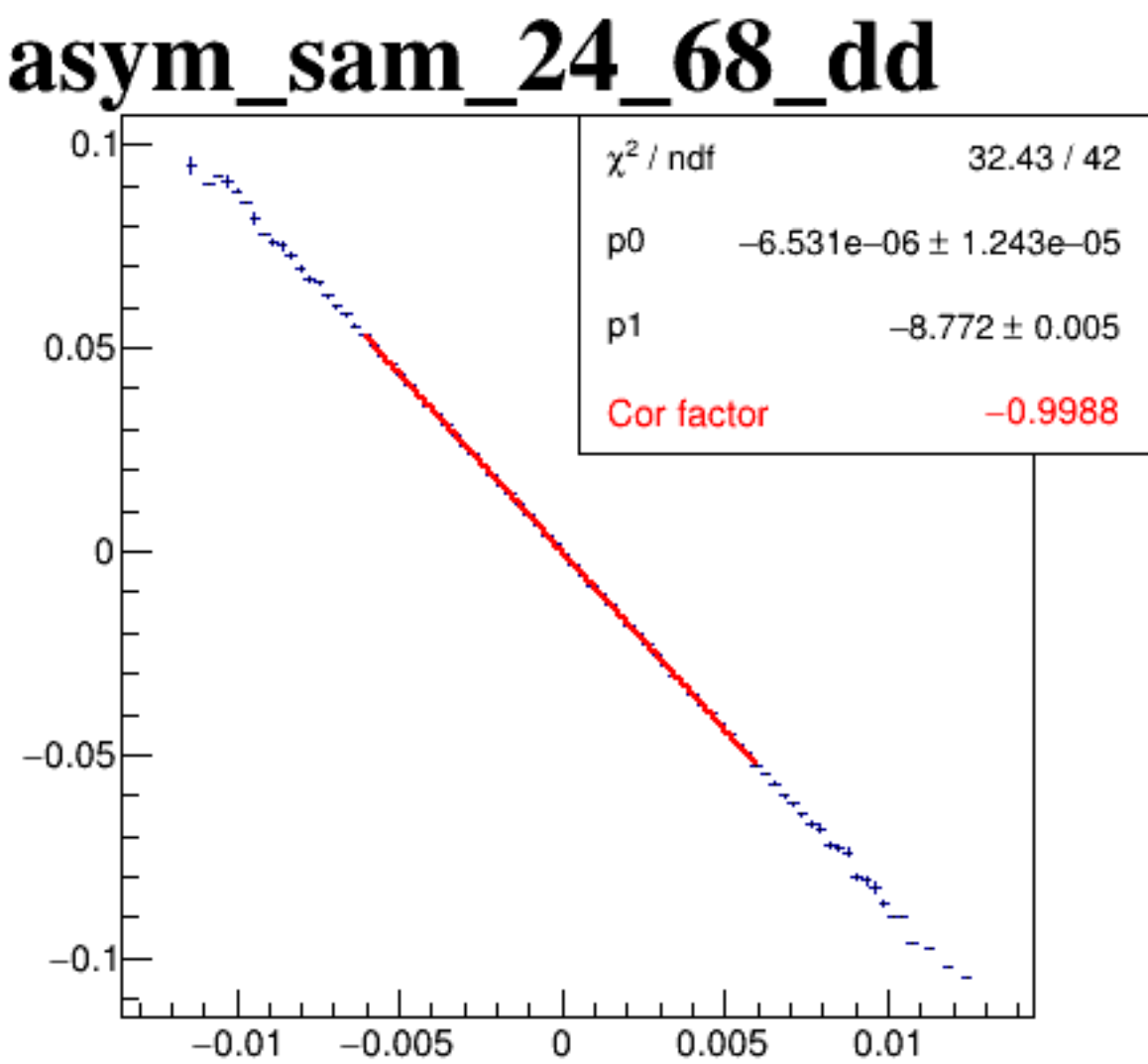
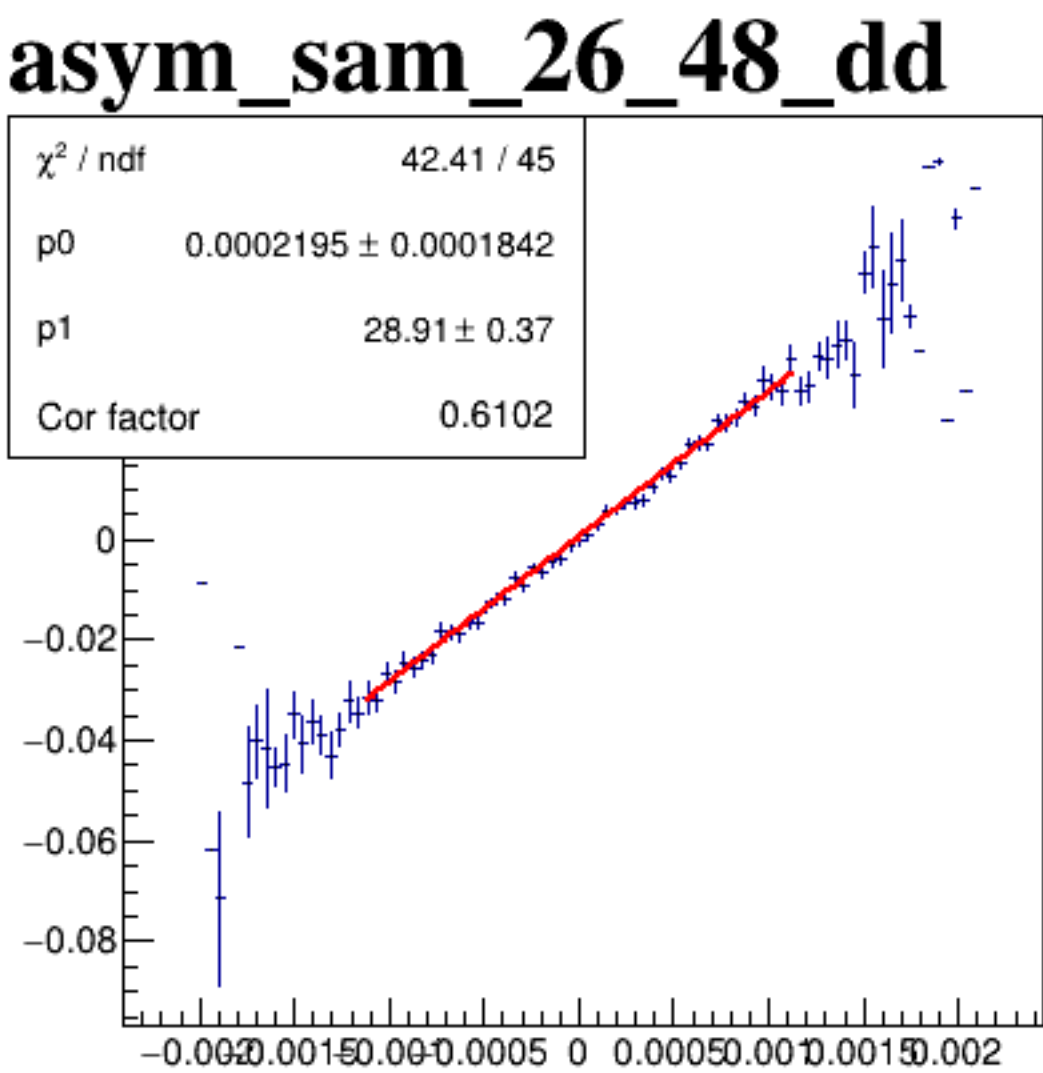
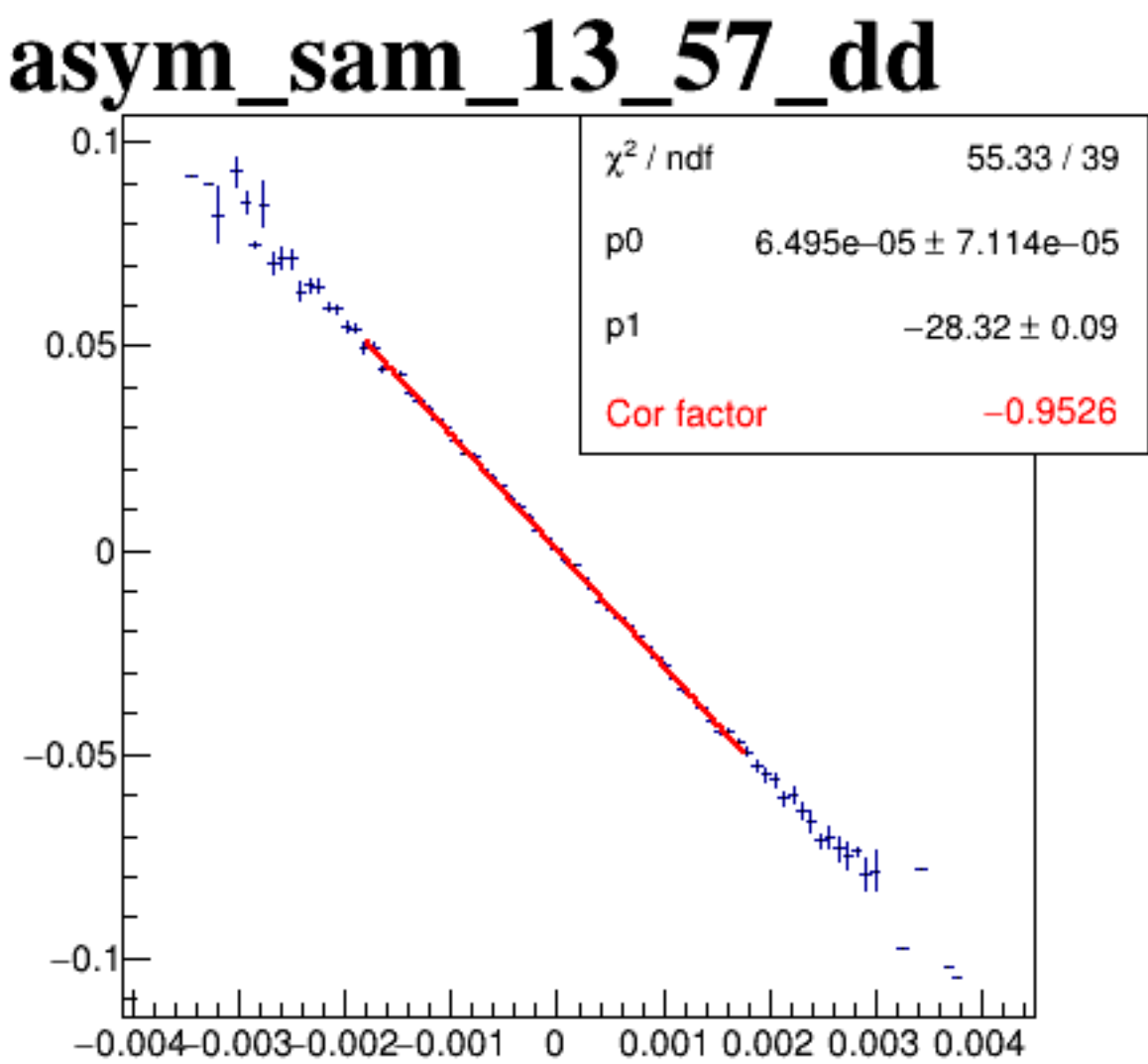
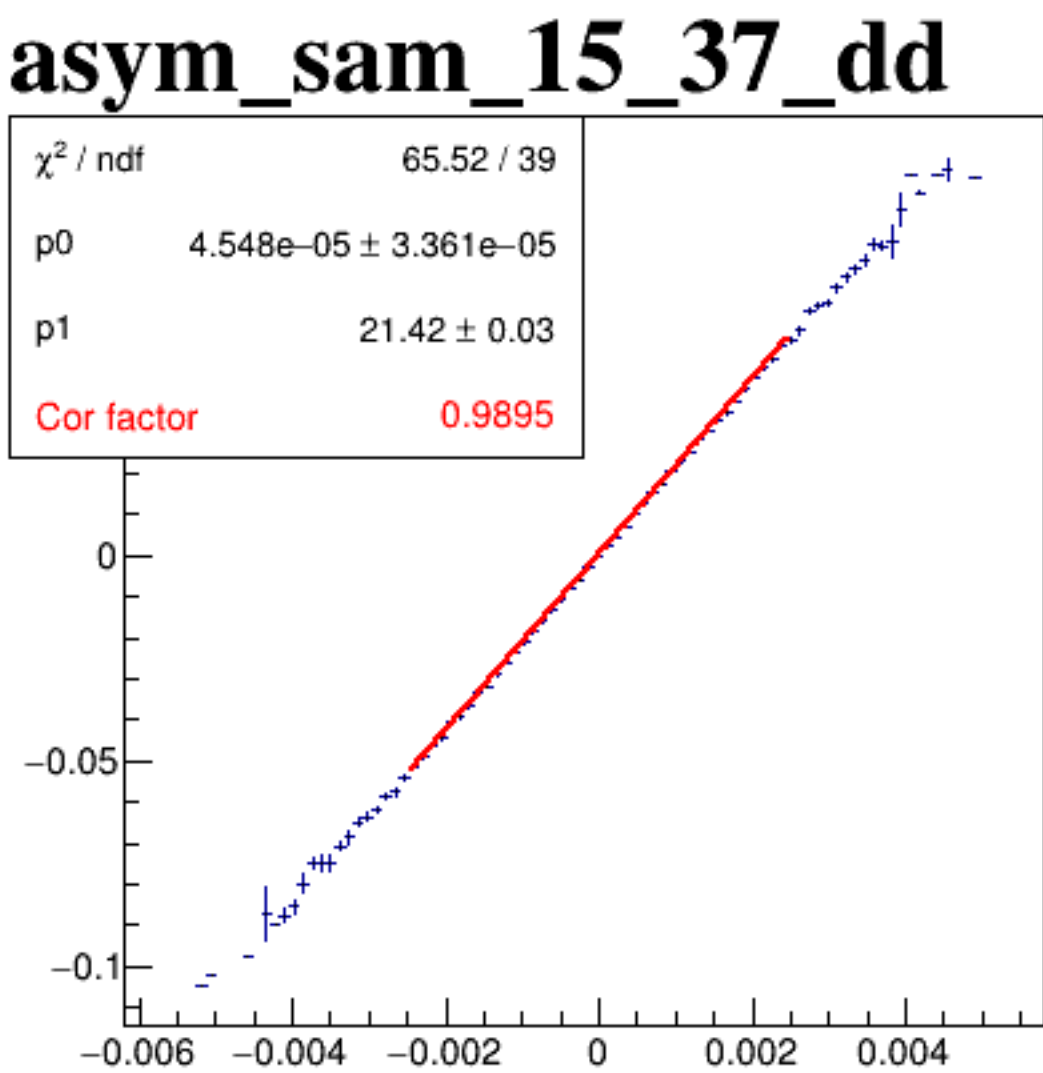
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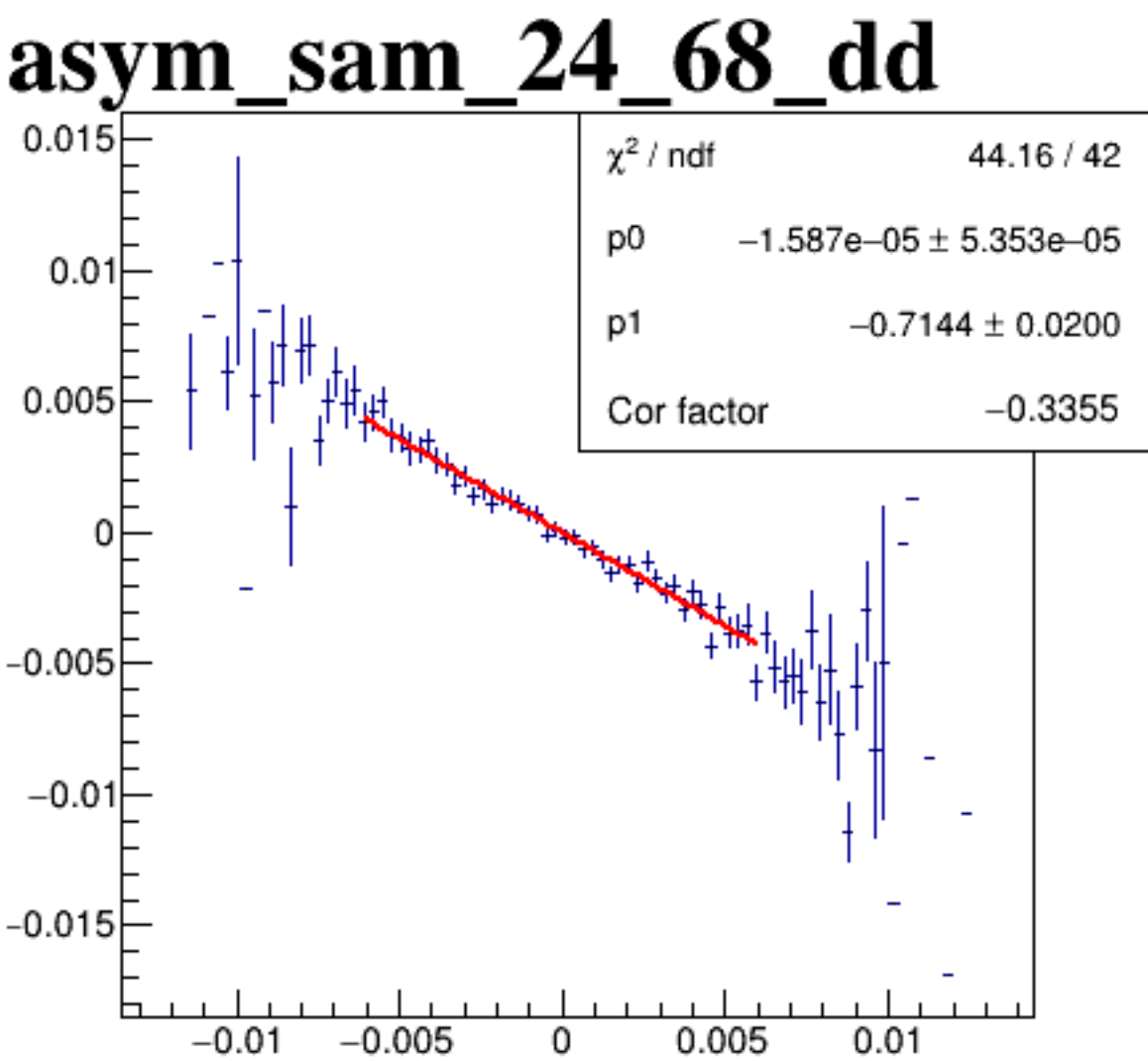
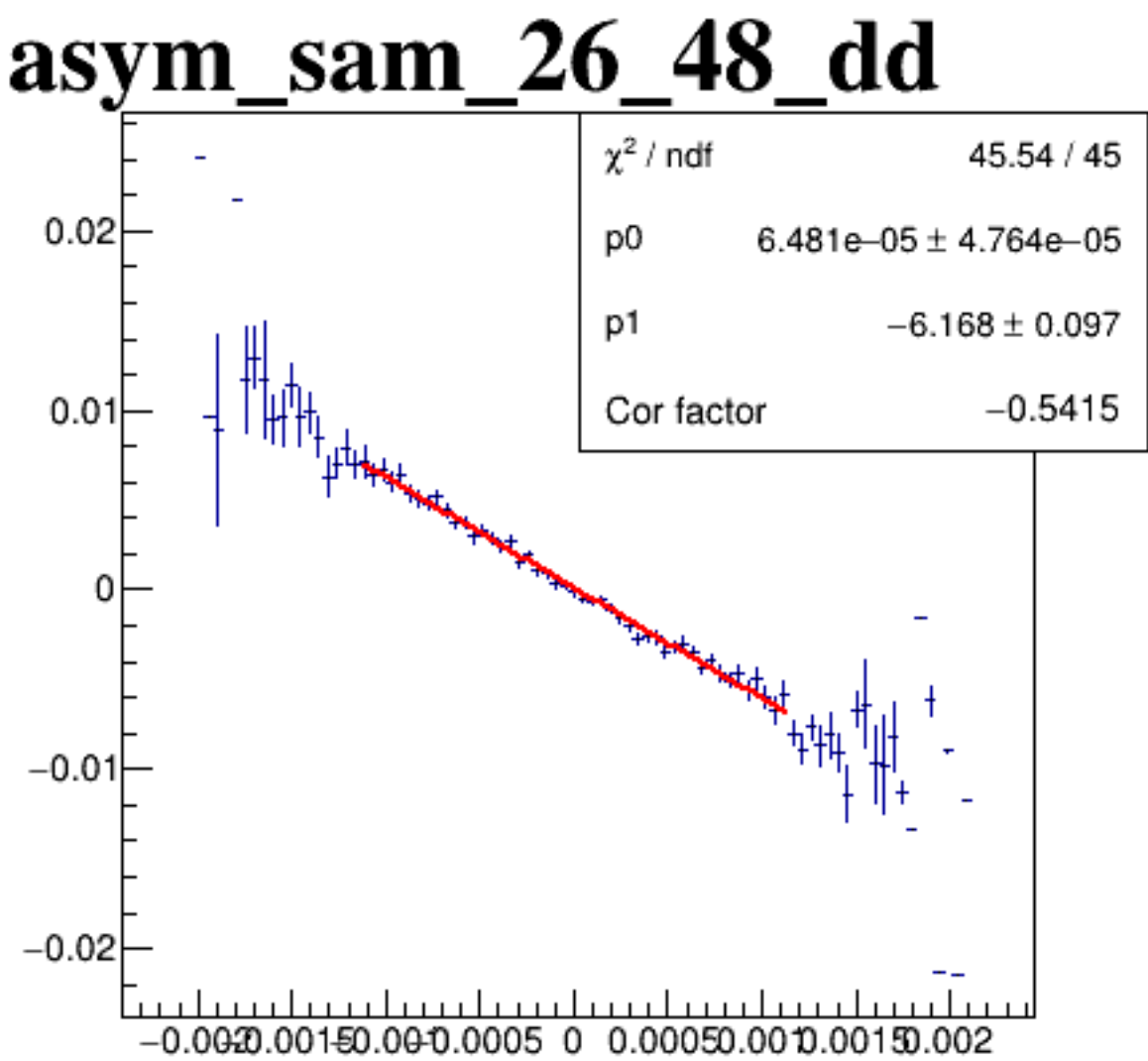
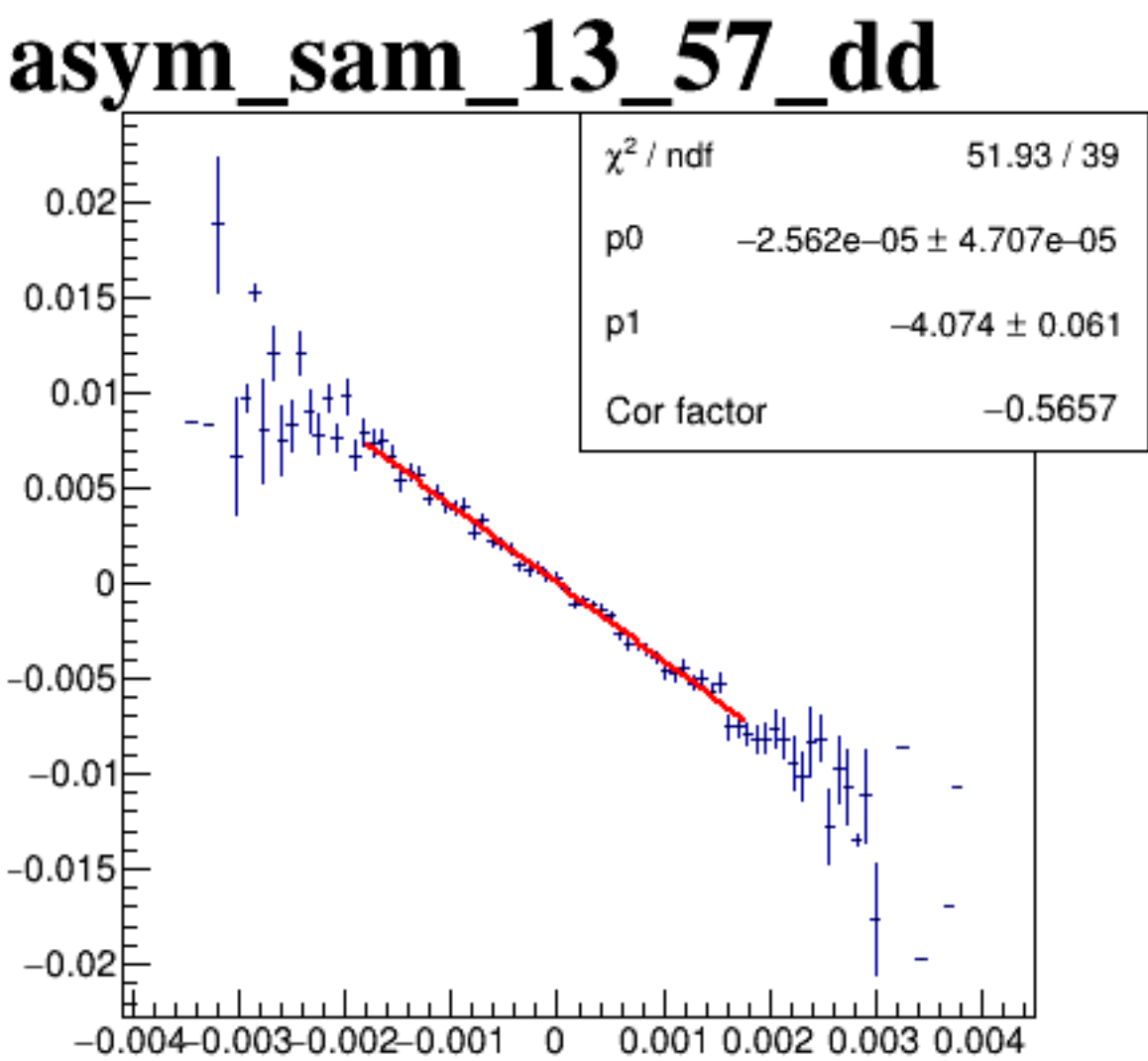
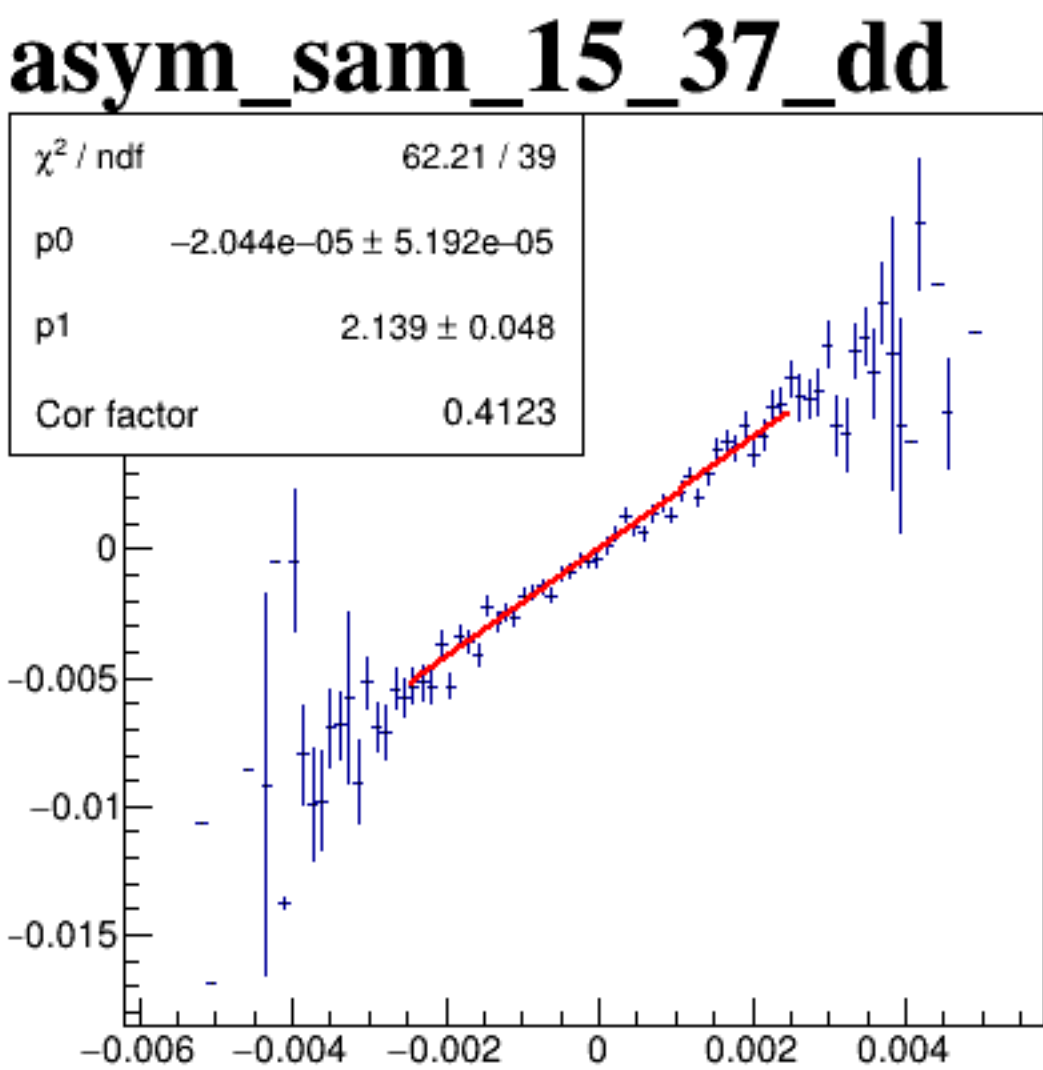
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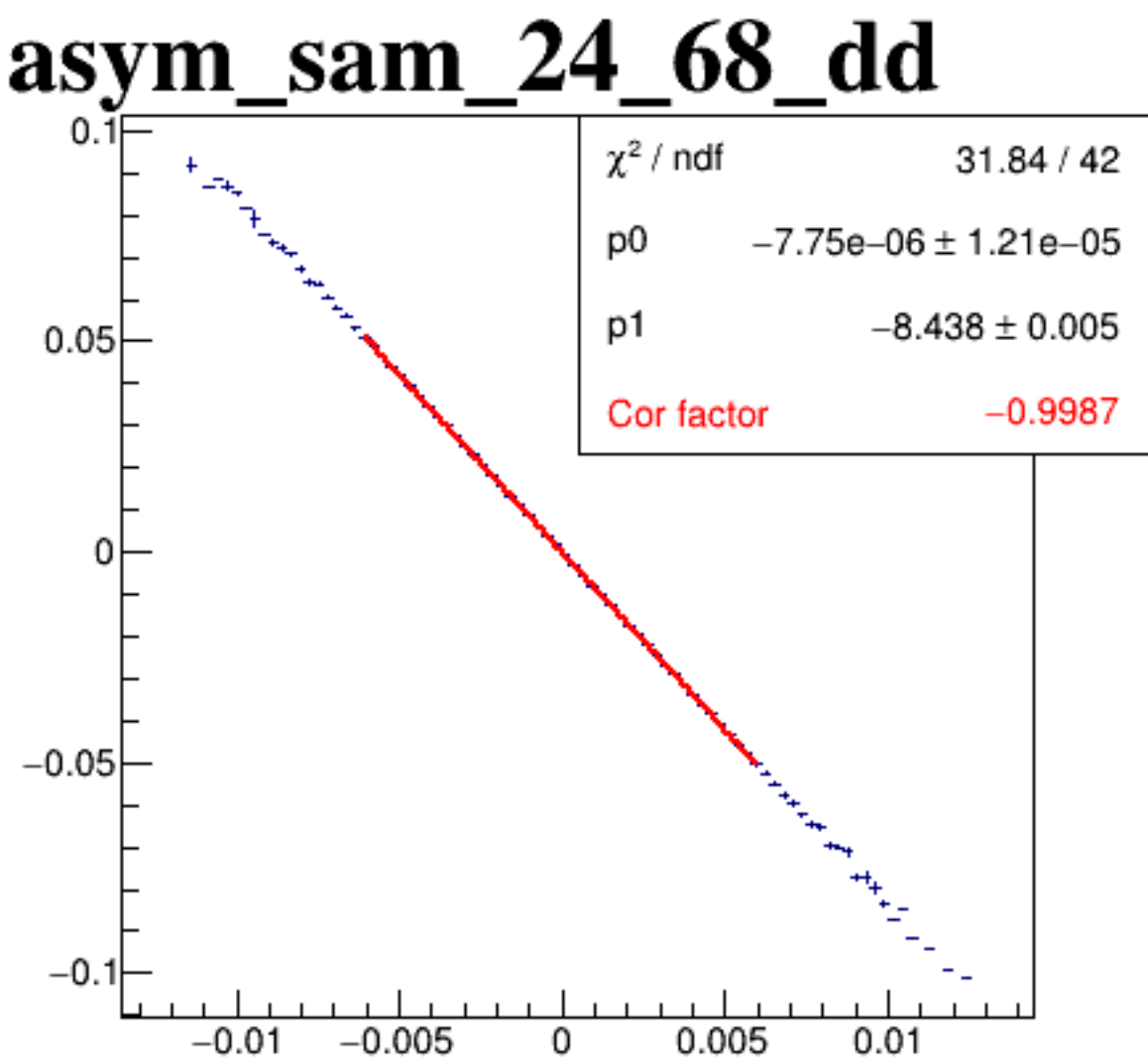
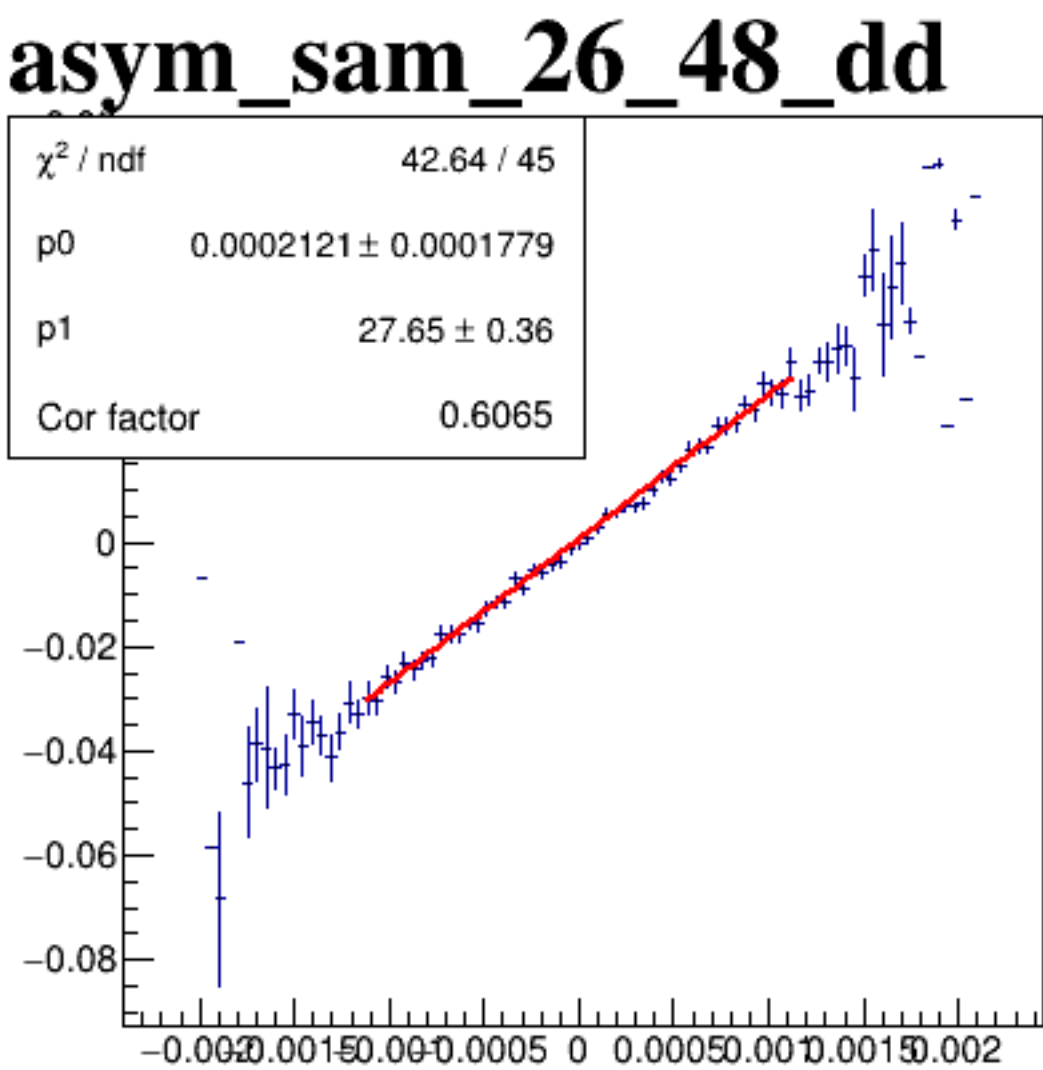
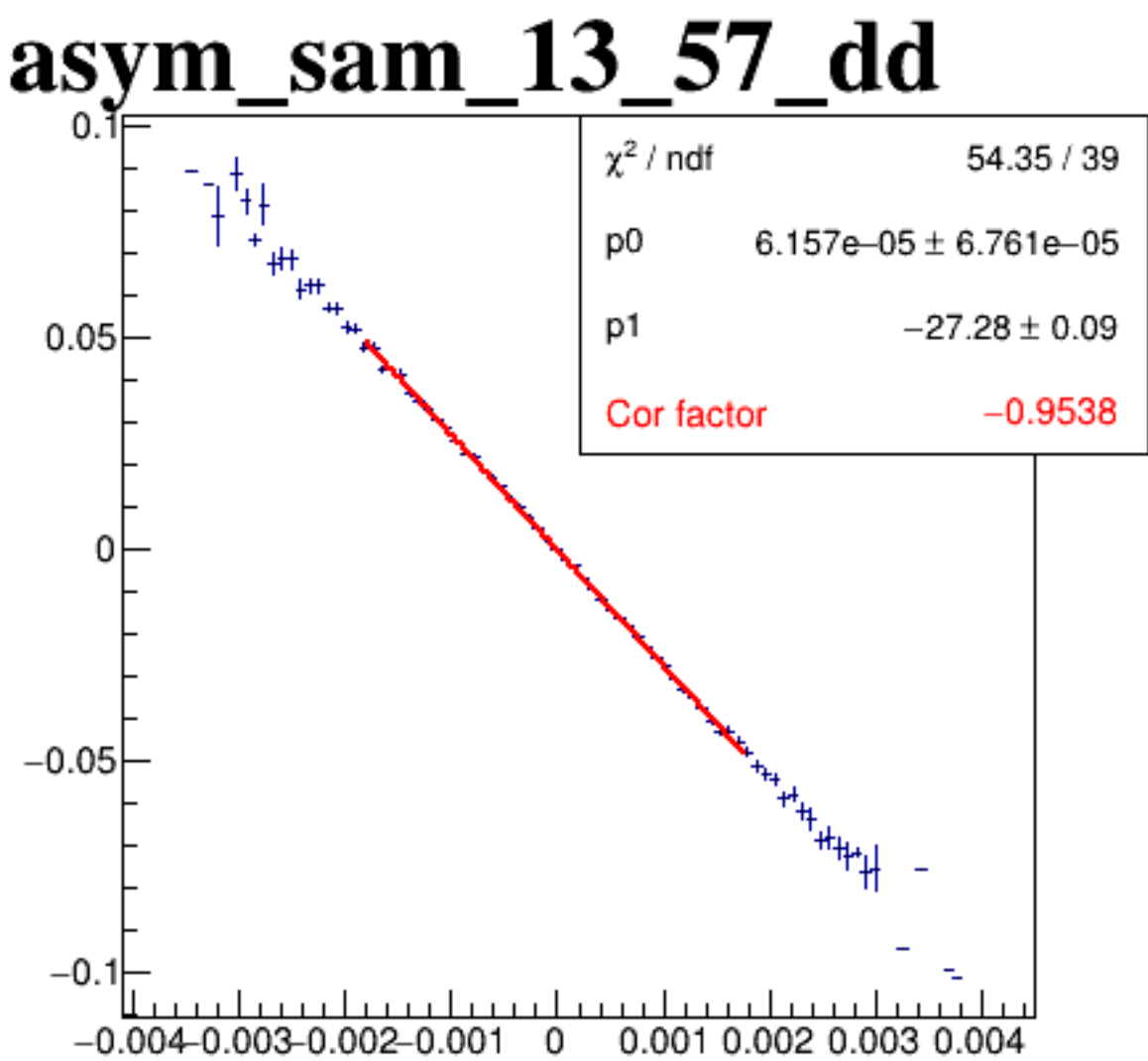
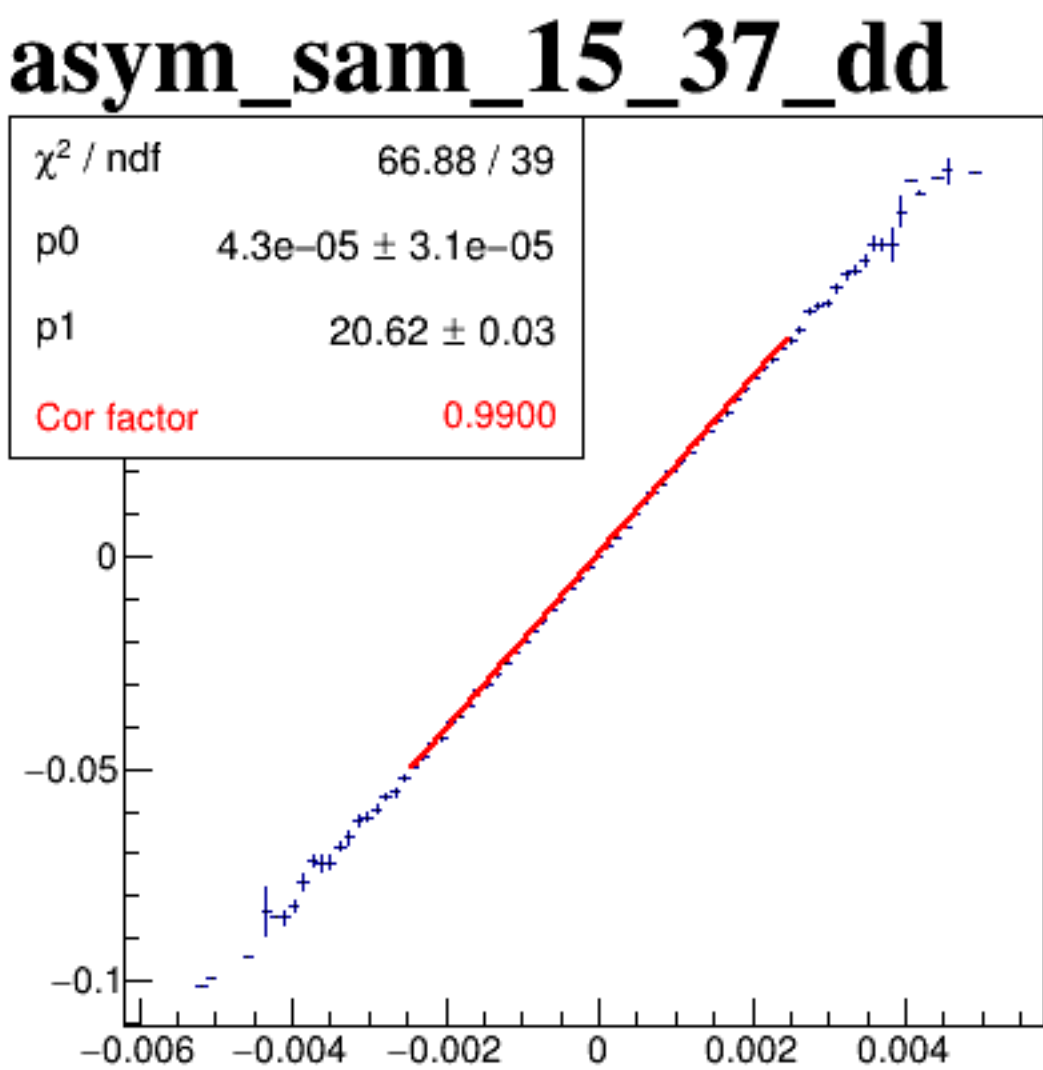
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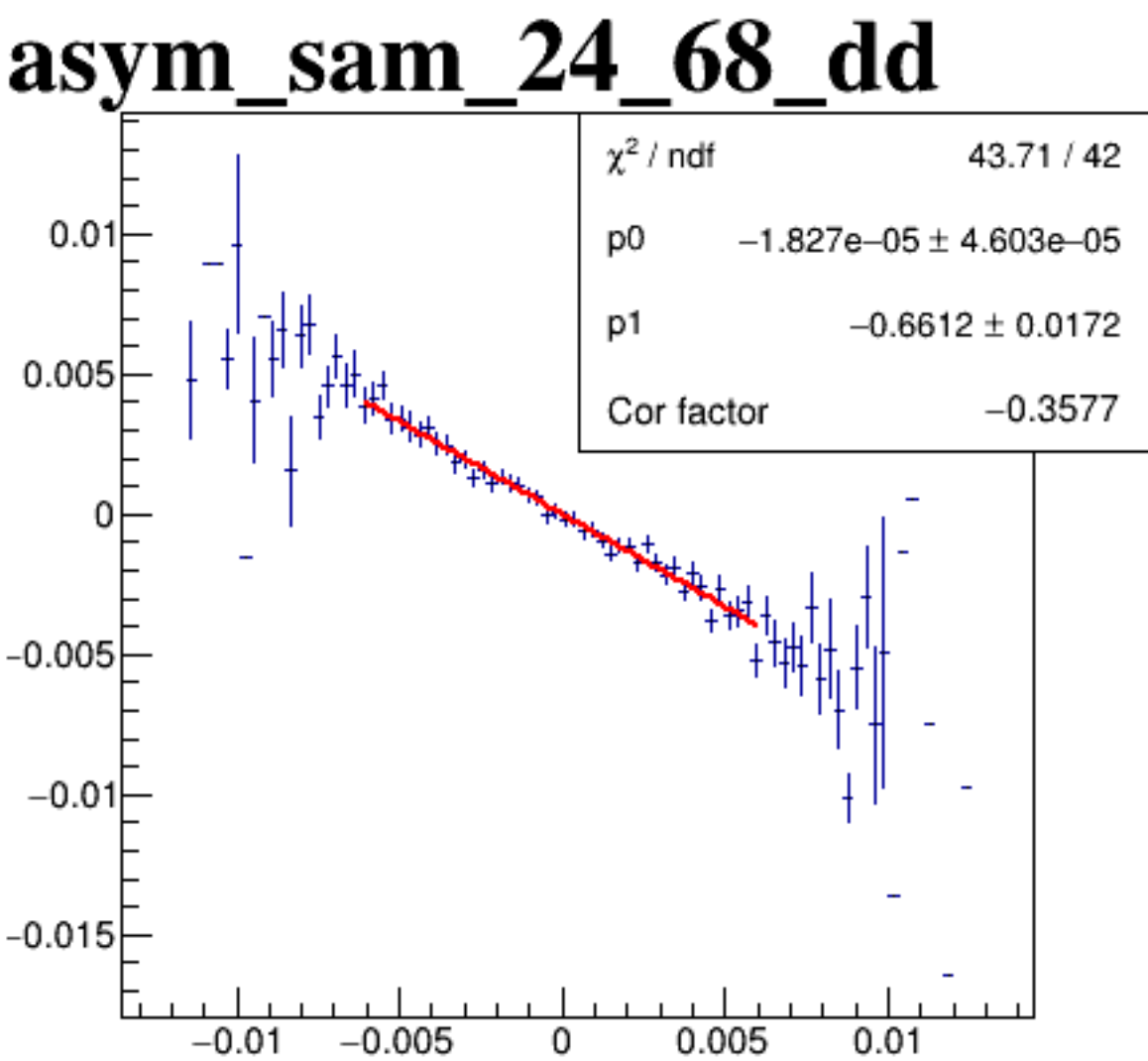
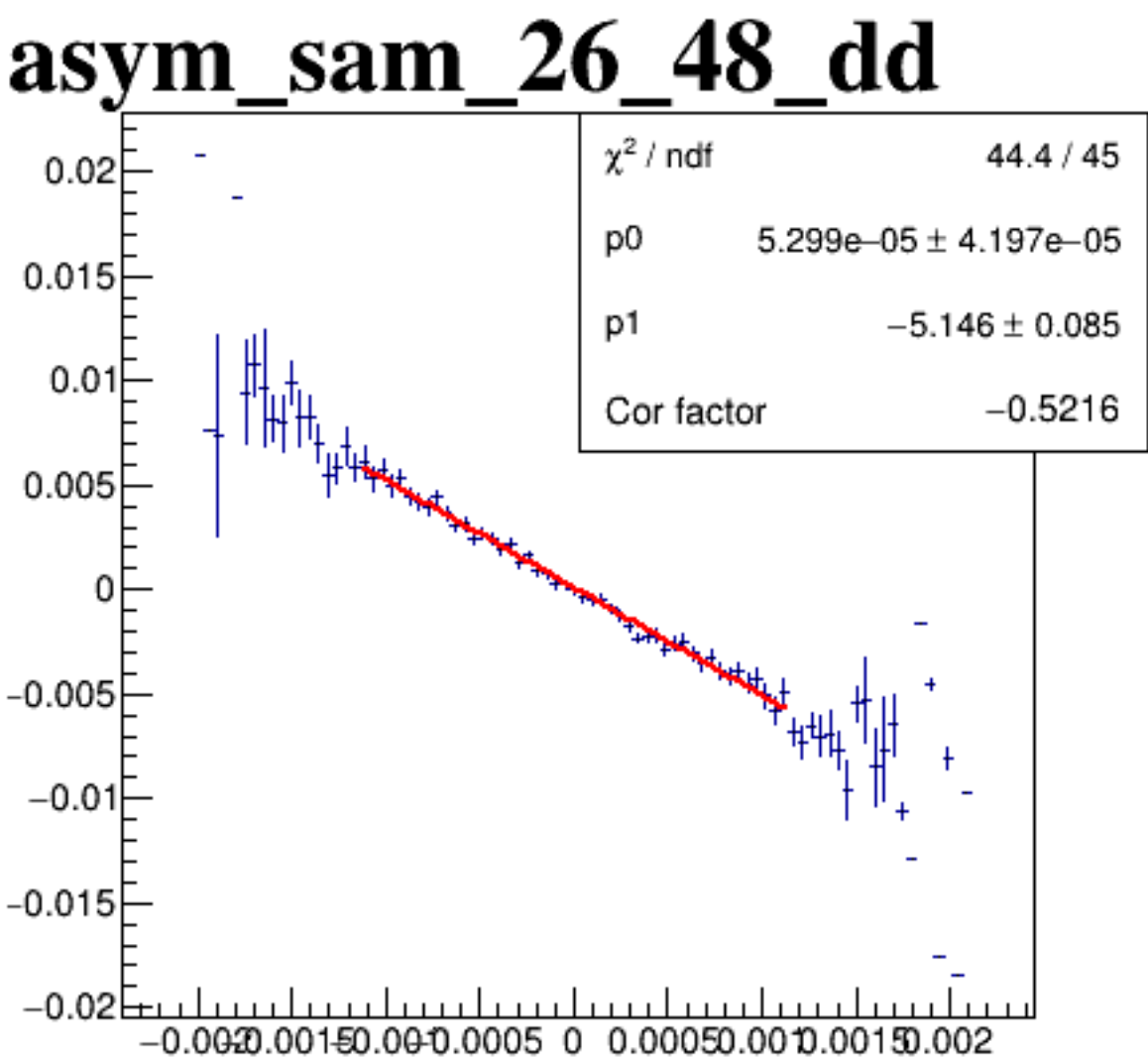
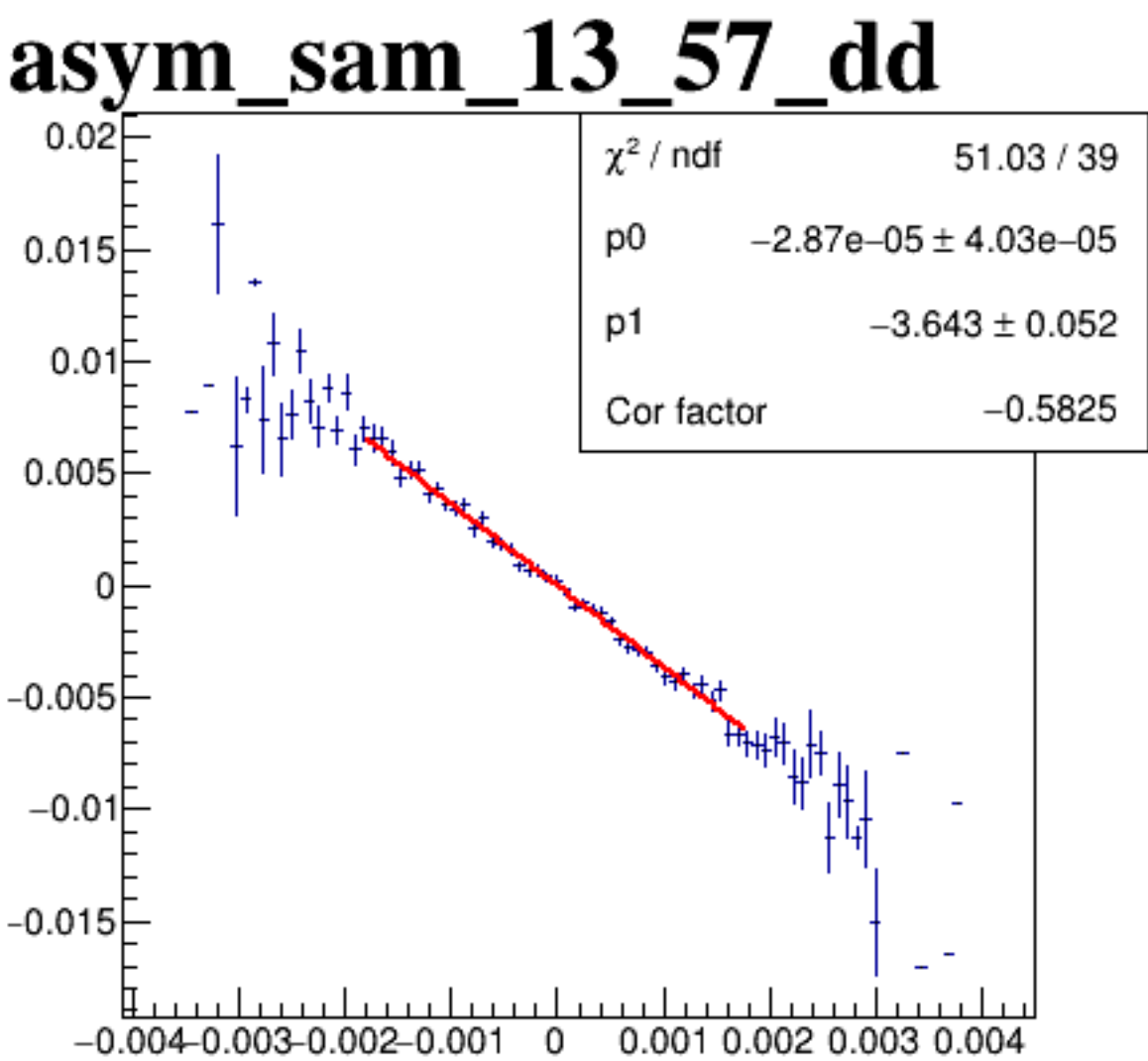
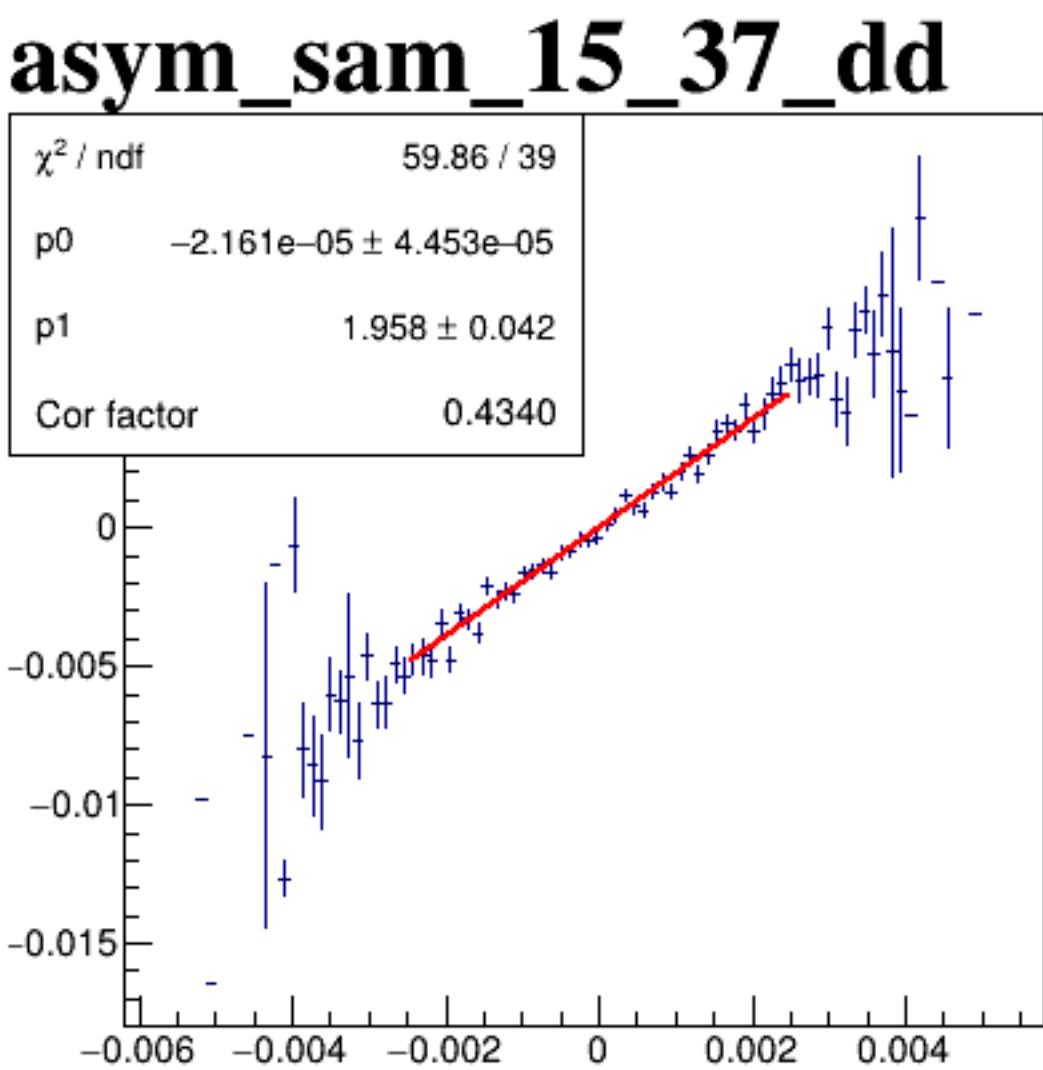
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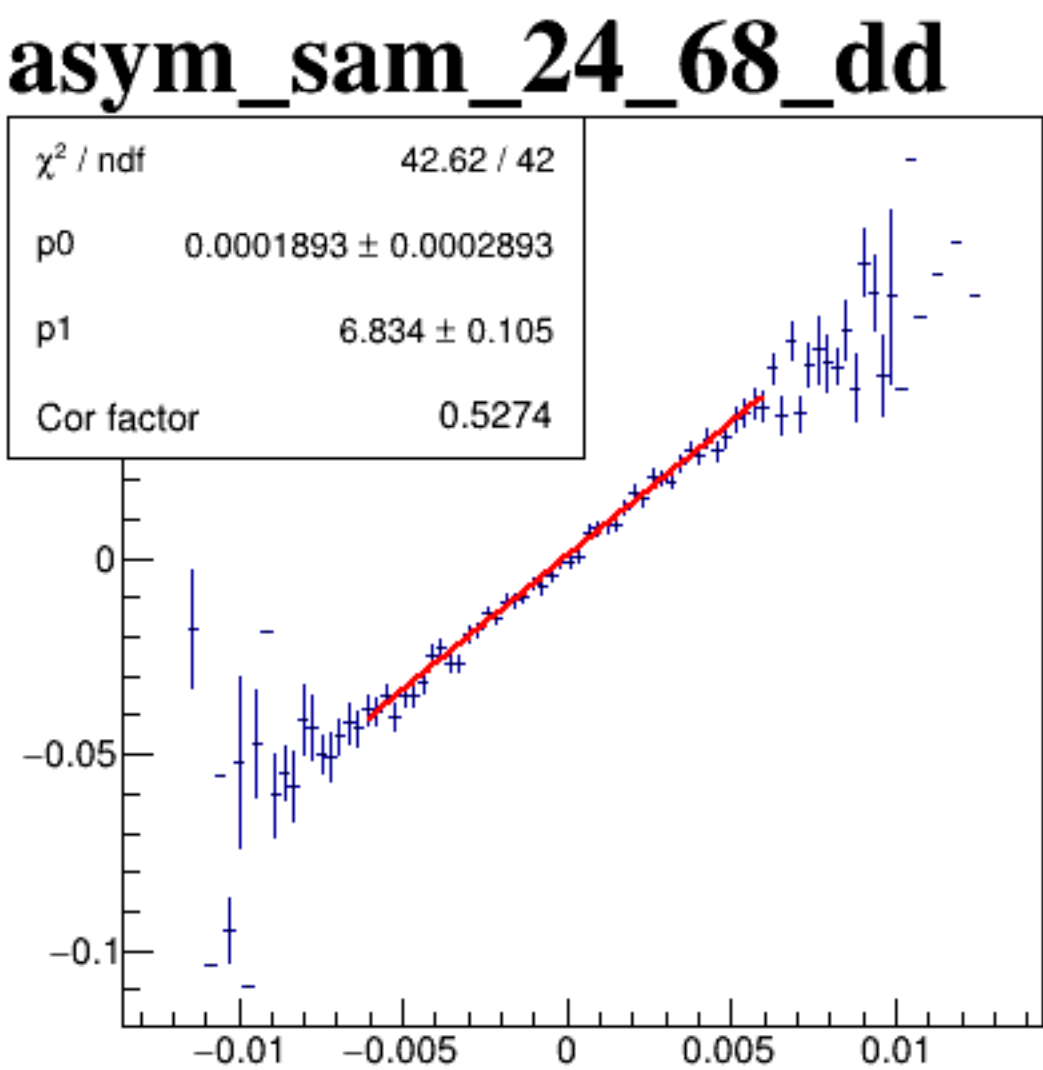
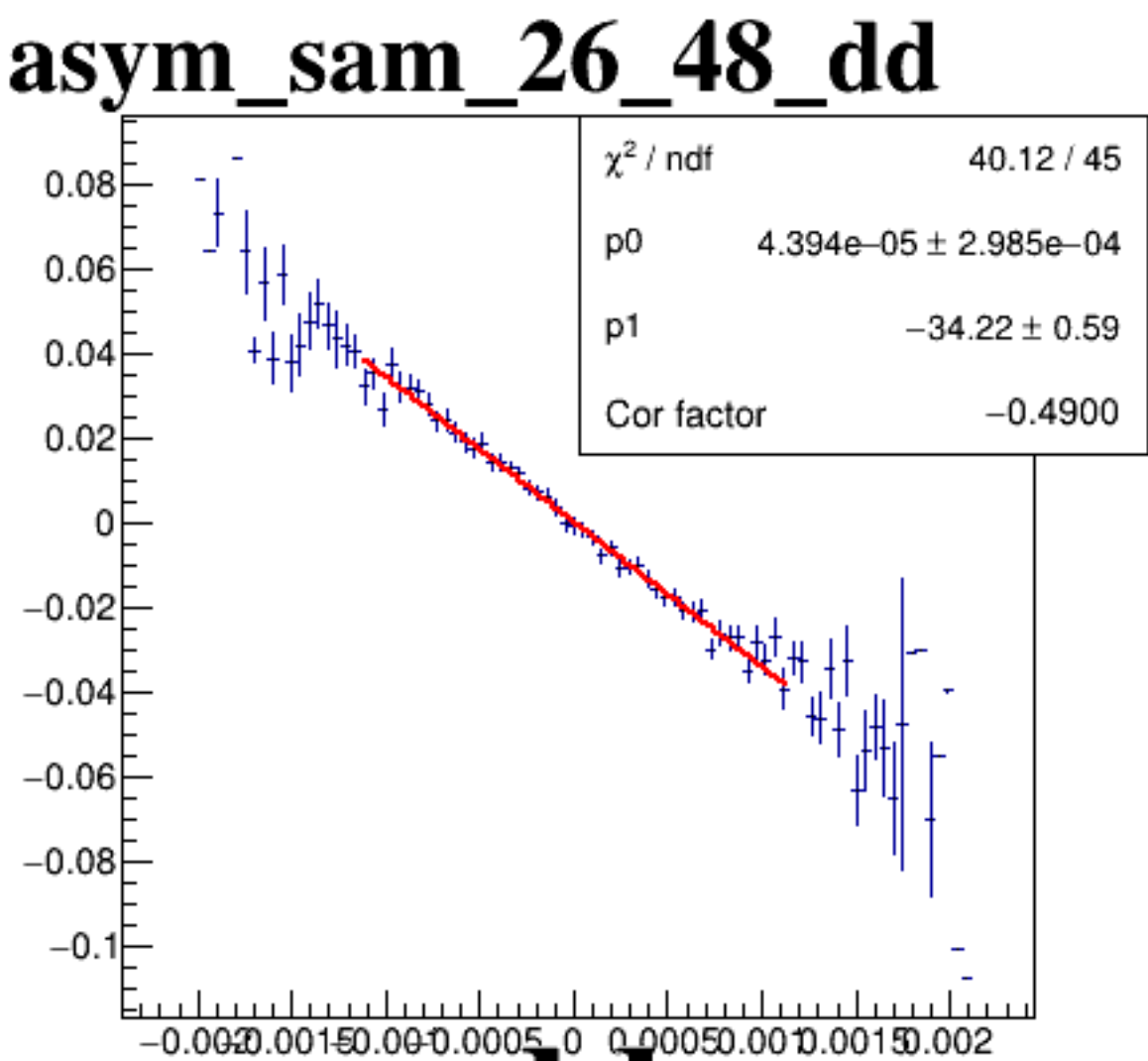
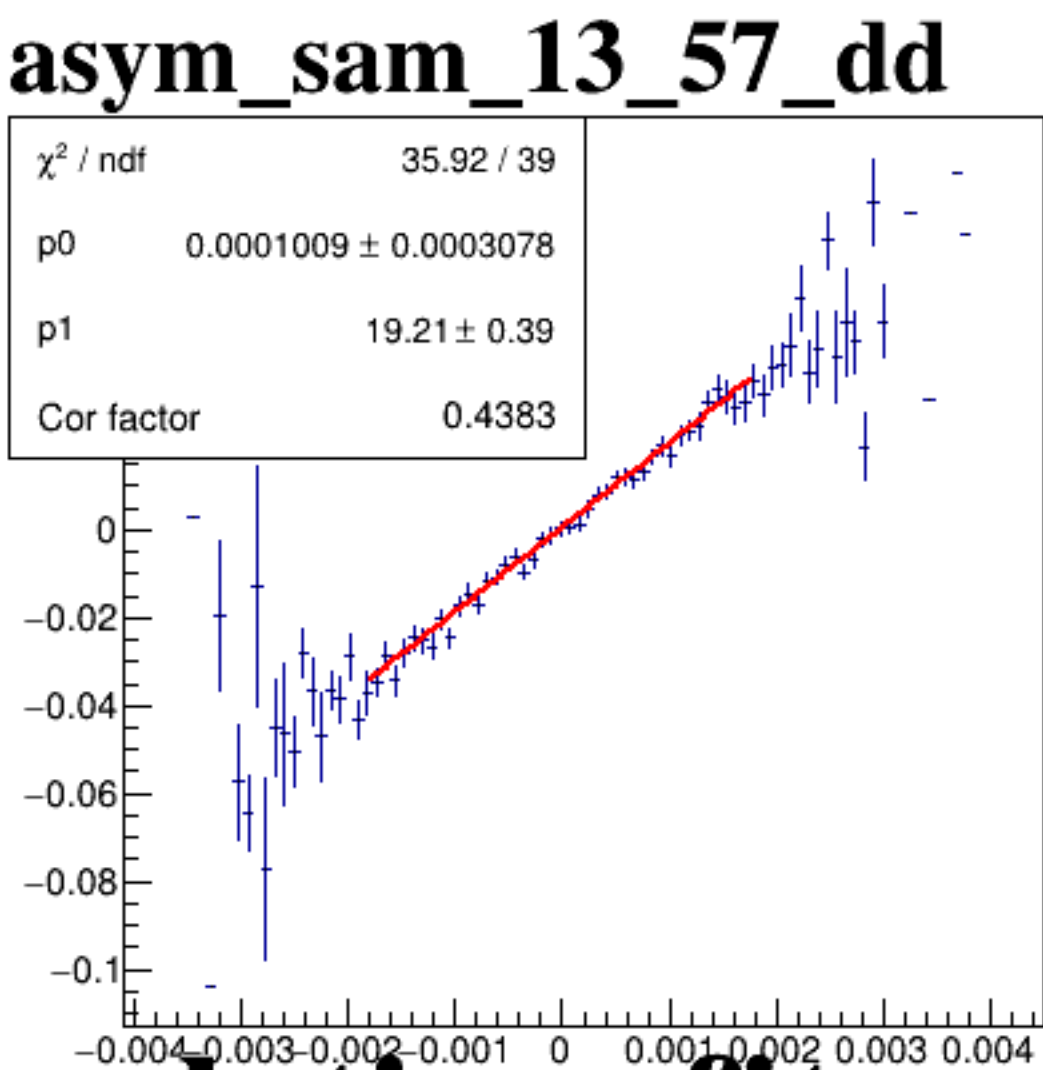
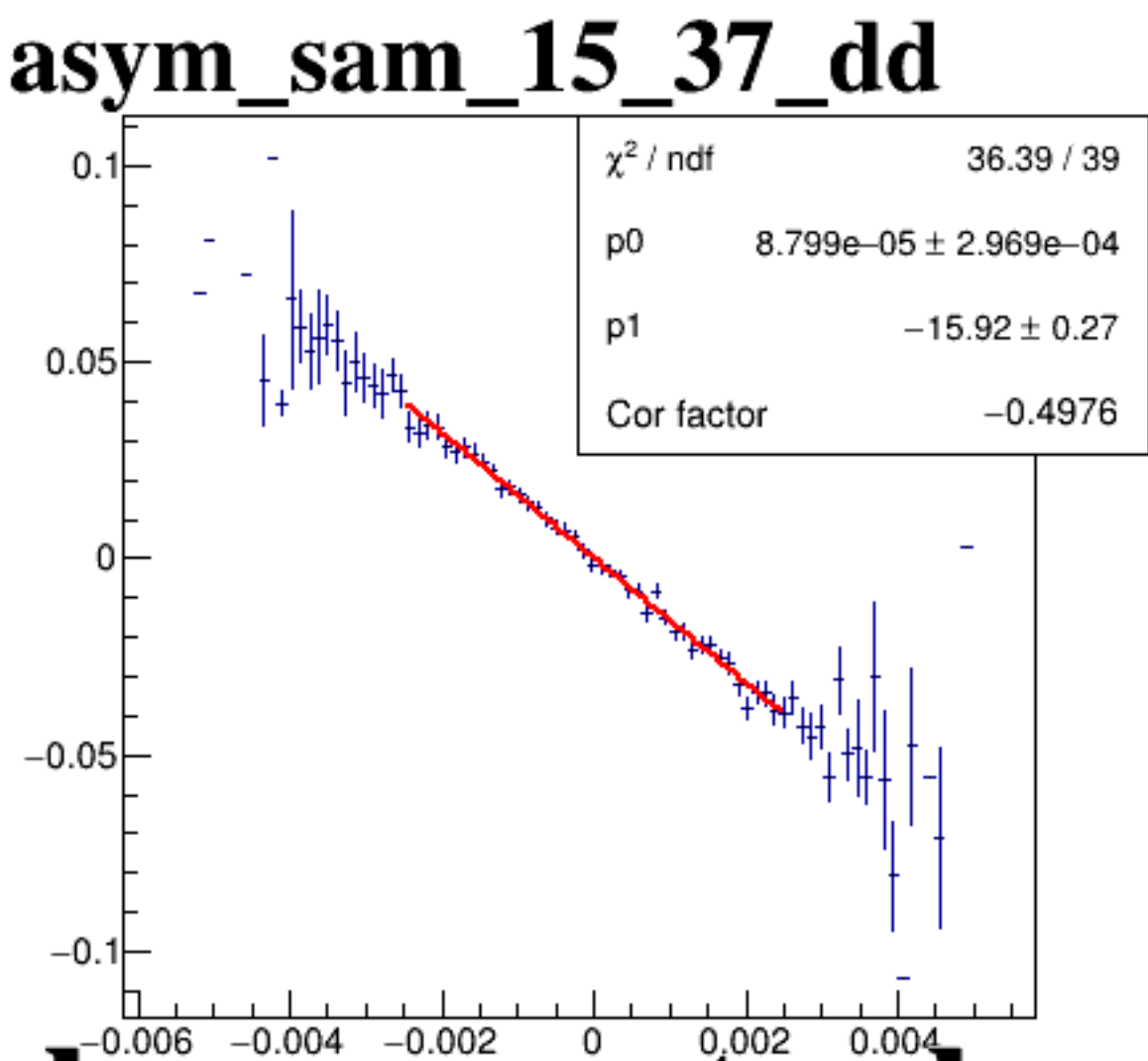
diff_bpm4eX



diff_bpm4eY



diff_bpm12X



A scatter plot showing the relationship between `asym_sam_15_37_dd` (y-axis) and `mulc.asym_sam_15_37_dd` (x-axis). The y-axis ranges from -0.03 to 0.03, and the x-axis ranges from -0.006 to 0.004. The data points are densely clustered around the origin (0,0), forming a roughly circular cloud of points, indicating a weak or no linear correlation.

mulc.asym_sam_24_68_dd

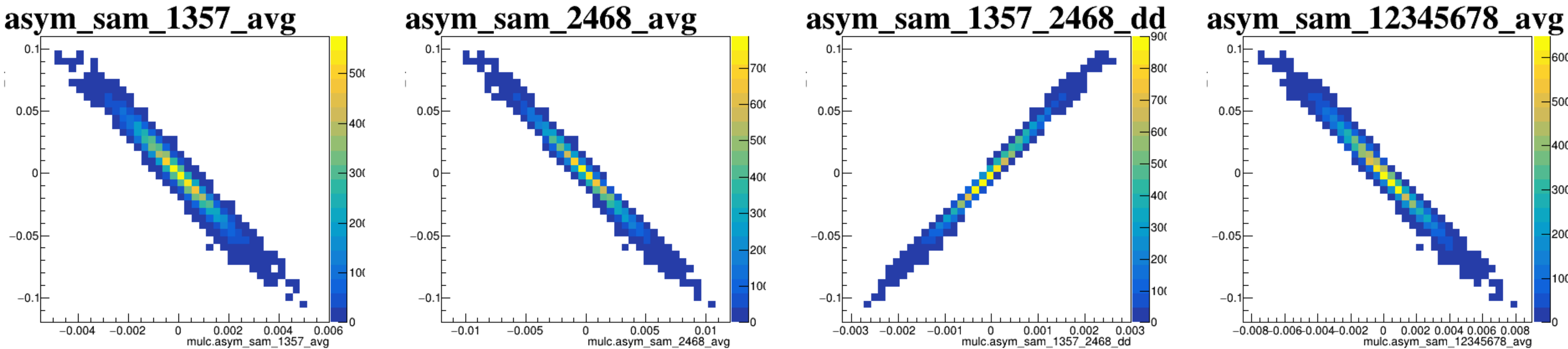
asym_sam_15_37_dd

Scatter plot showing the distribution of 'mulc.asym_sam_15_37_dd' (x-axis) versus 'asym_sam_15_37_dd' (y-axis). The x-axis ranges from -0.006 to 0.004, and the y-axis ranges from -0.02 to 0.02. The data points are densely clustered around the origin (0,0).

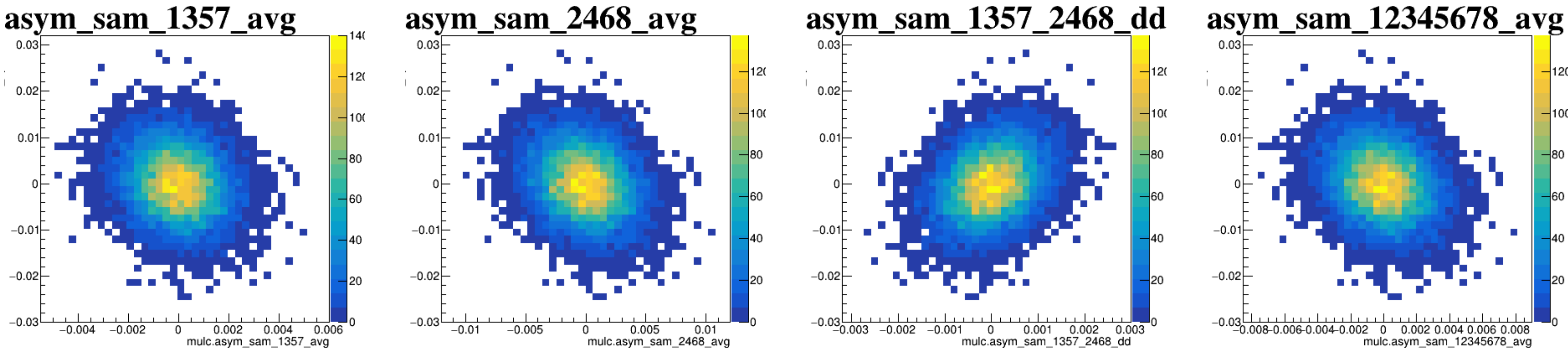
The figure is a scatter plot titled "asym_sam_26_48_dd". The x-axis is labeled "mulc.asym_sam_26_48_dd" and ranges from -0.002 to 0.002. The y-axis is labeled "asym_sam_26_48_dd" and ranges from -0.02 to 0.02. The plot displays a dense, roughly circular cloud of points centered at the origin (0,0). The points are more concentrated in the center and become sparser towards the edges of the distribution.

run7964_000_diff_bpm_mutual_correlation_scat_sam_cross_dds.png

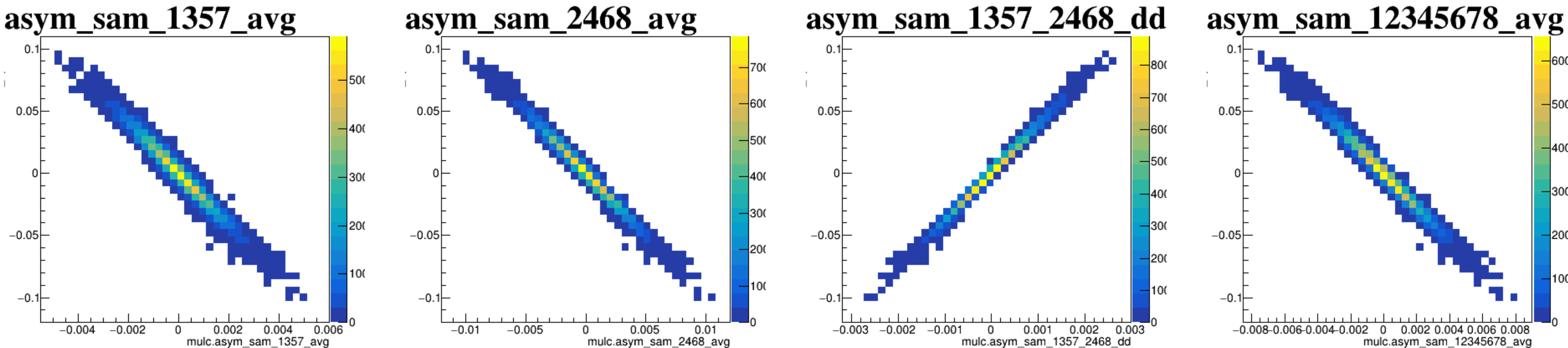
diff_bpm4aX



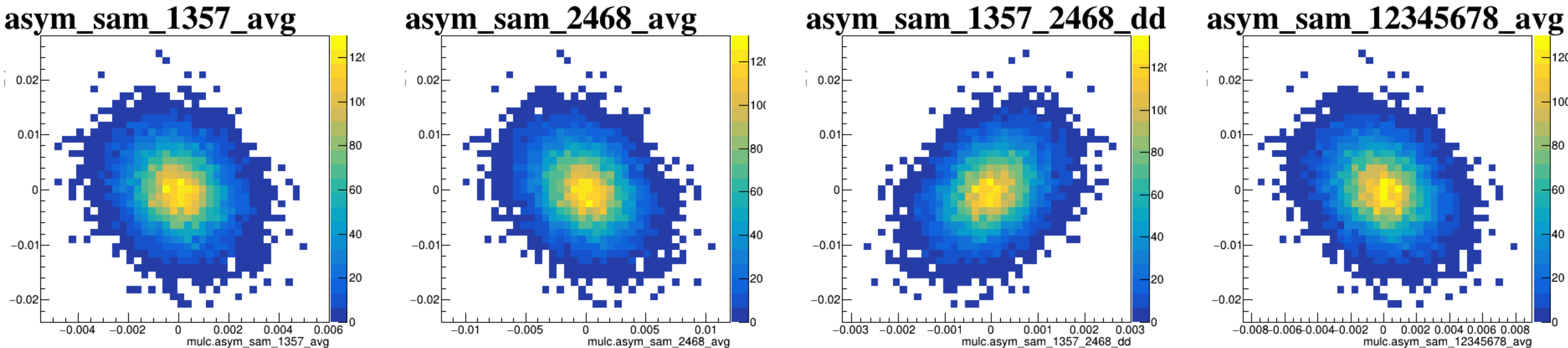
diff_bpm4aY



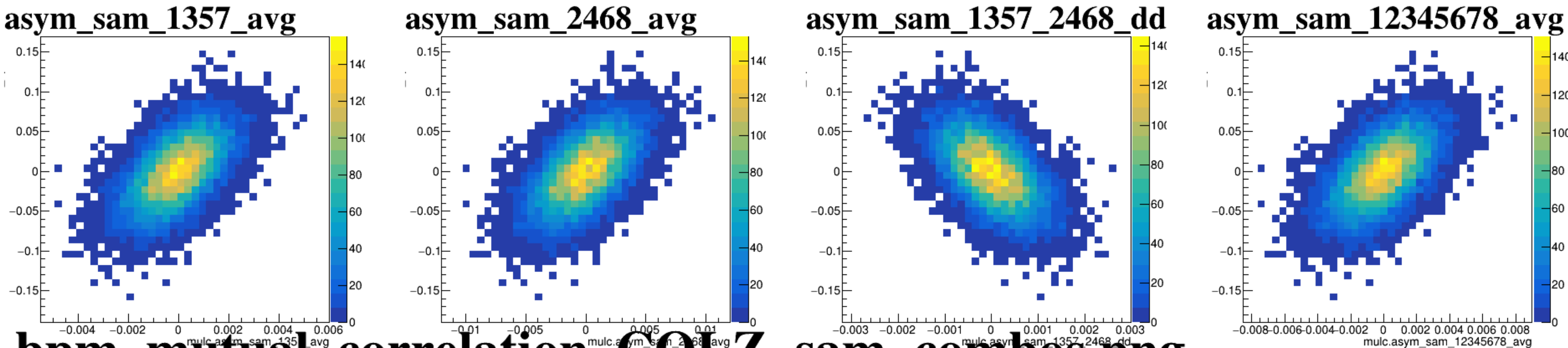
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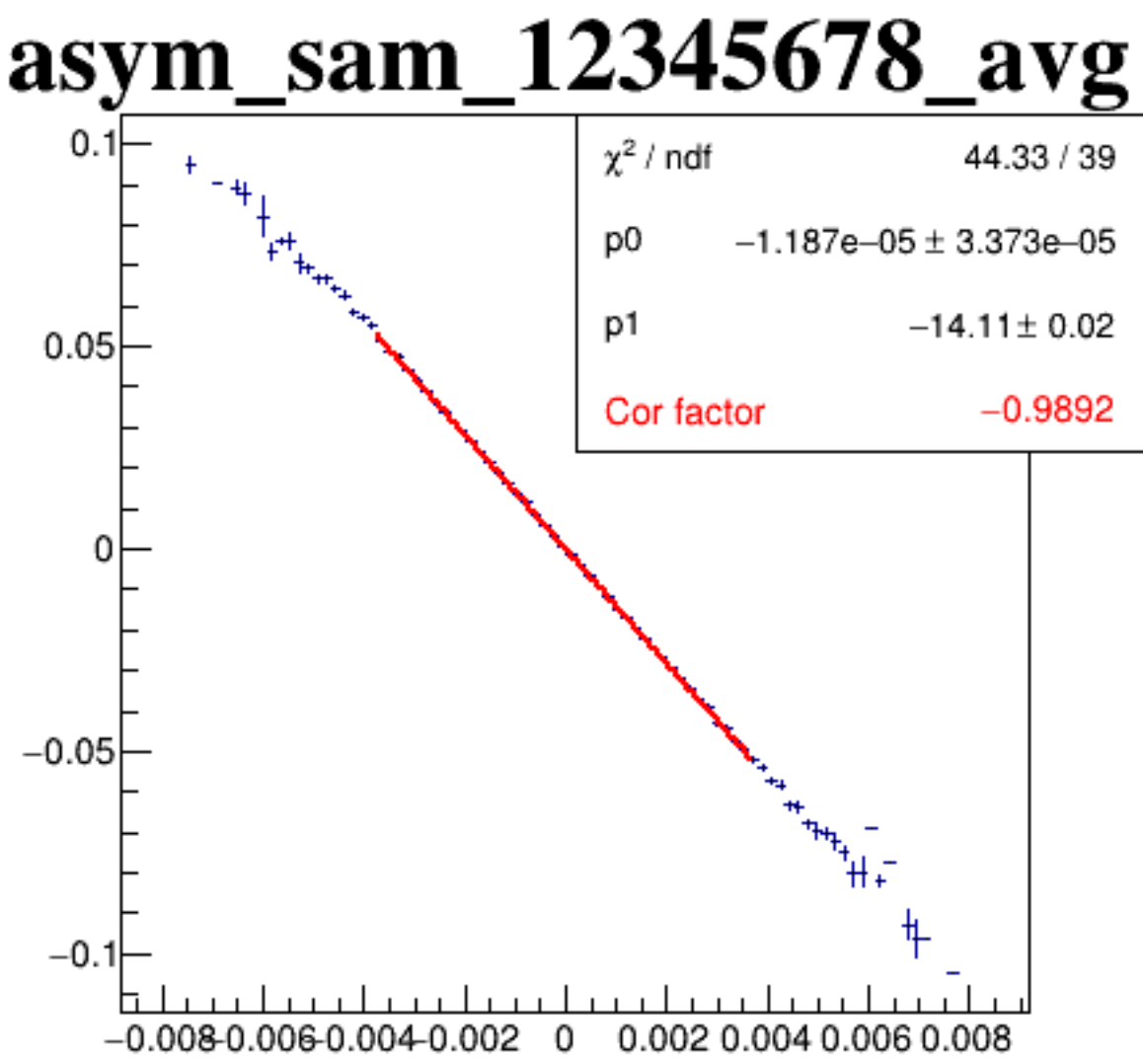
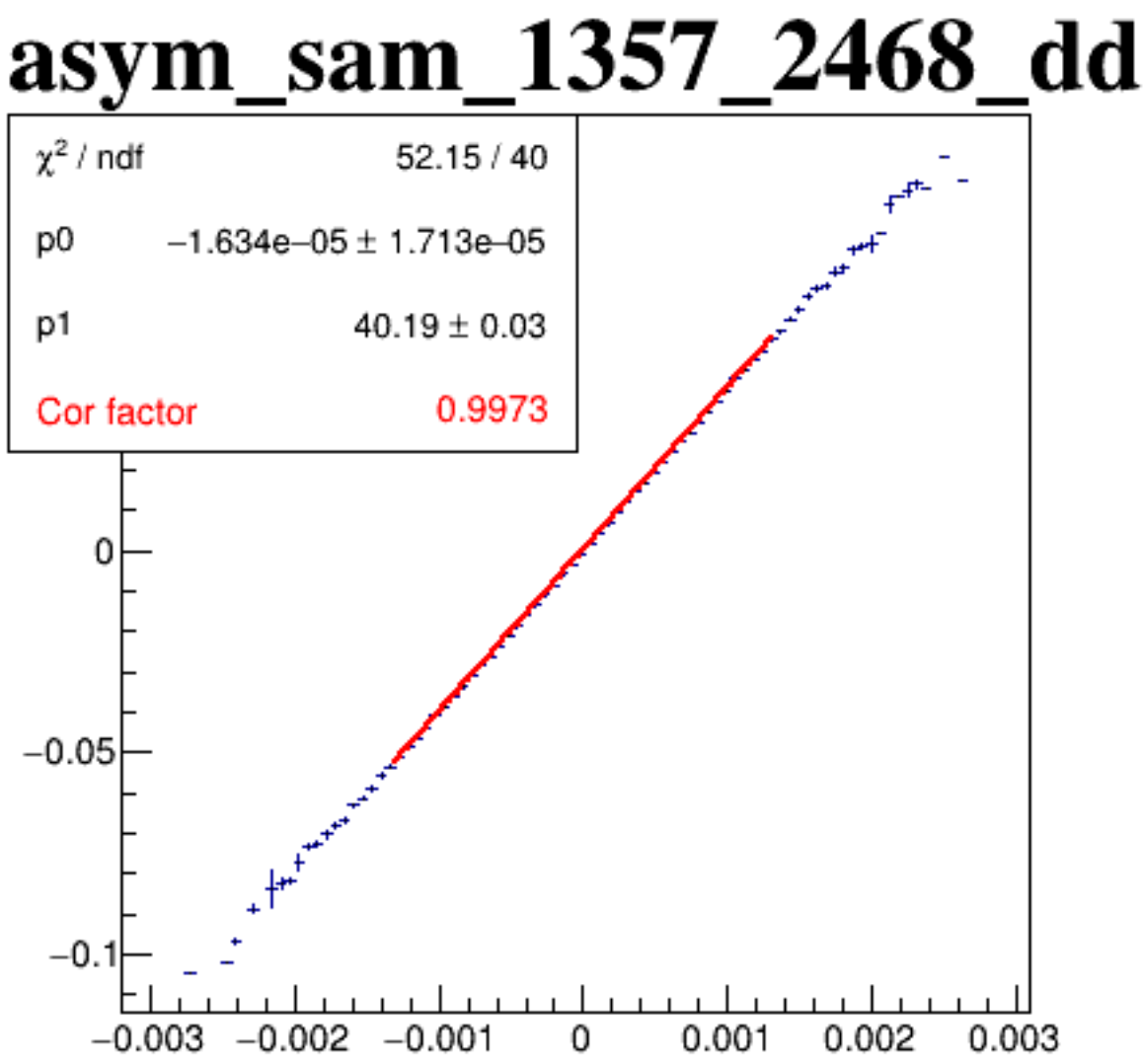
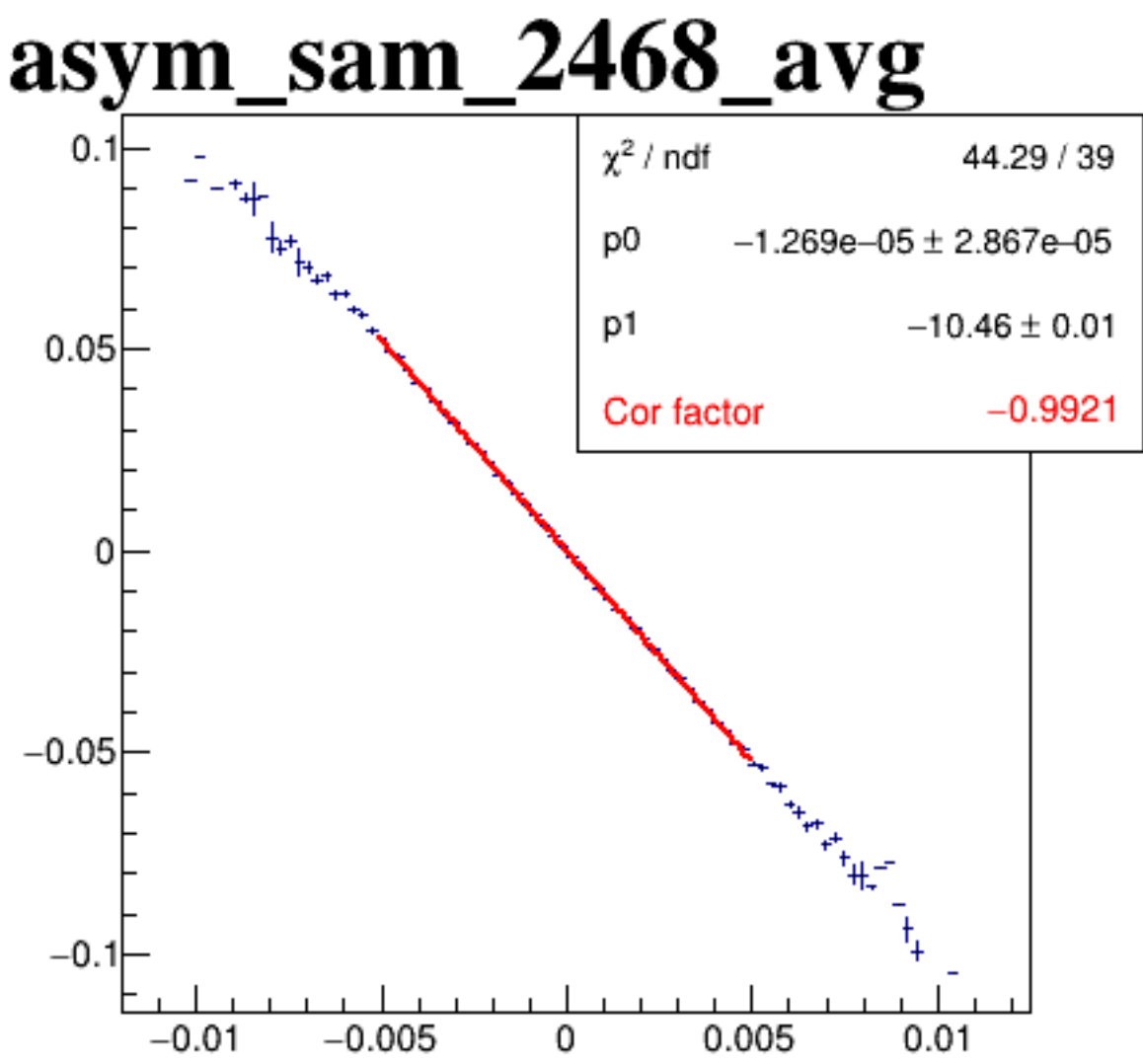
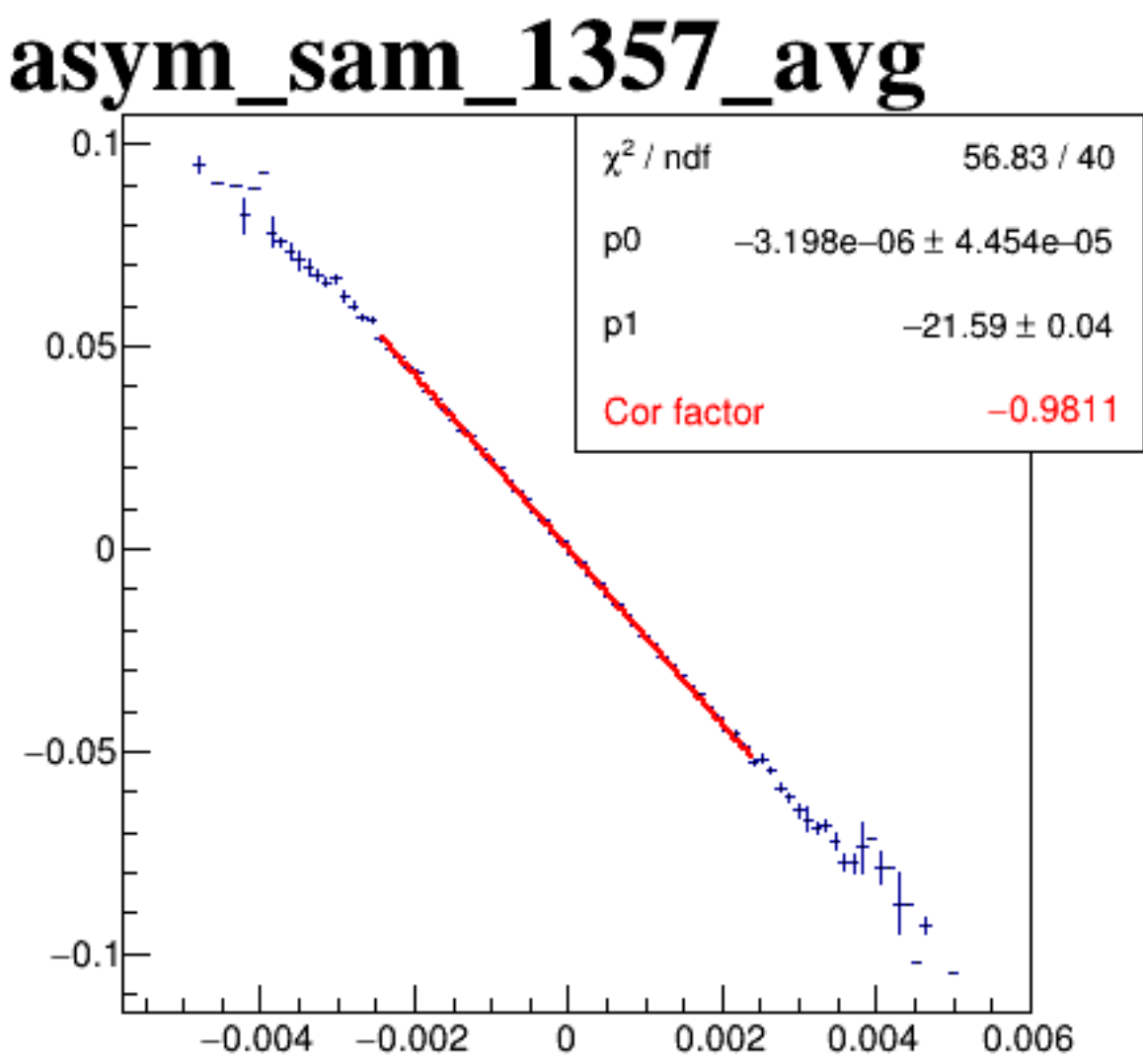
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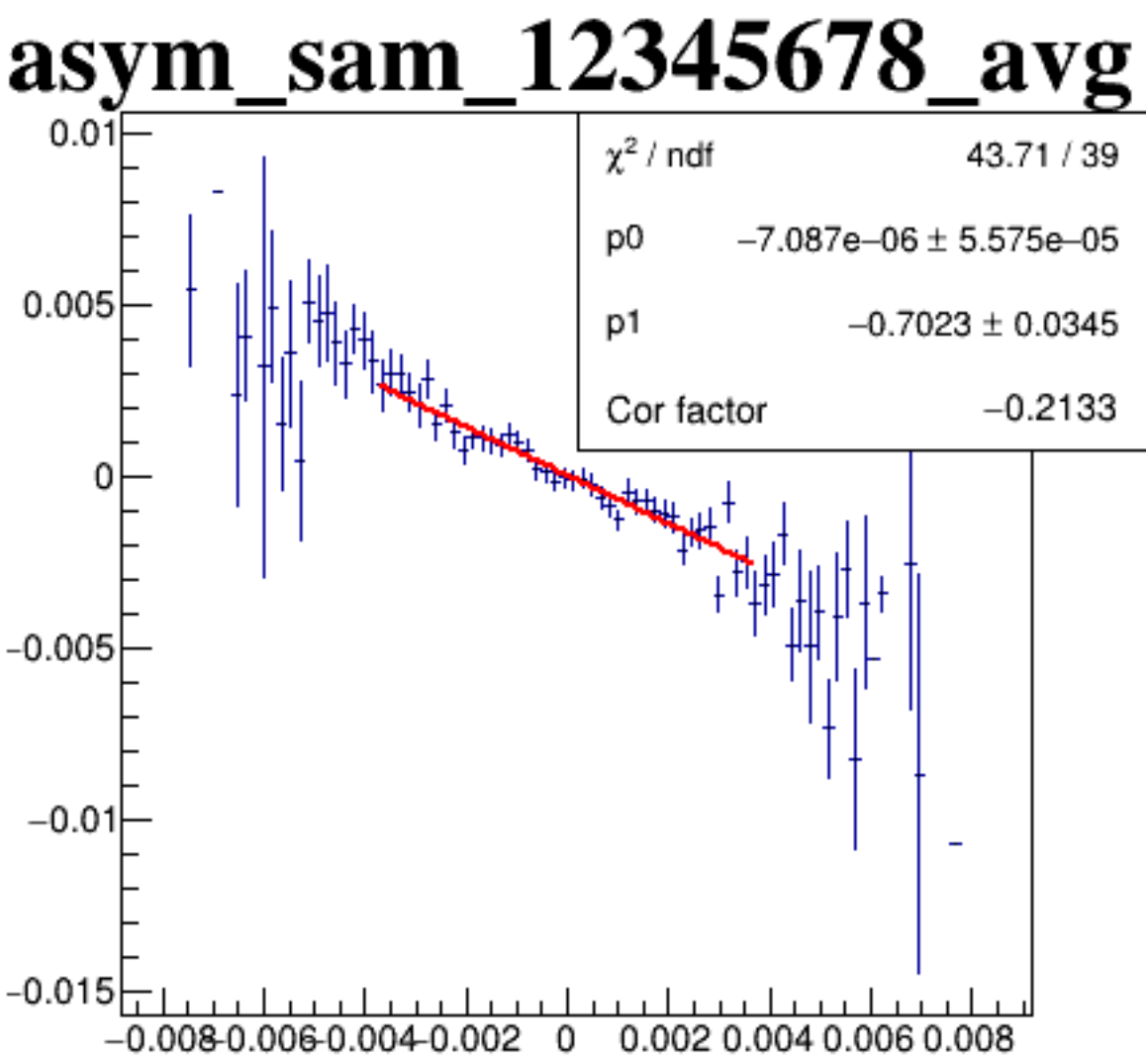
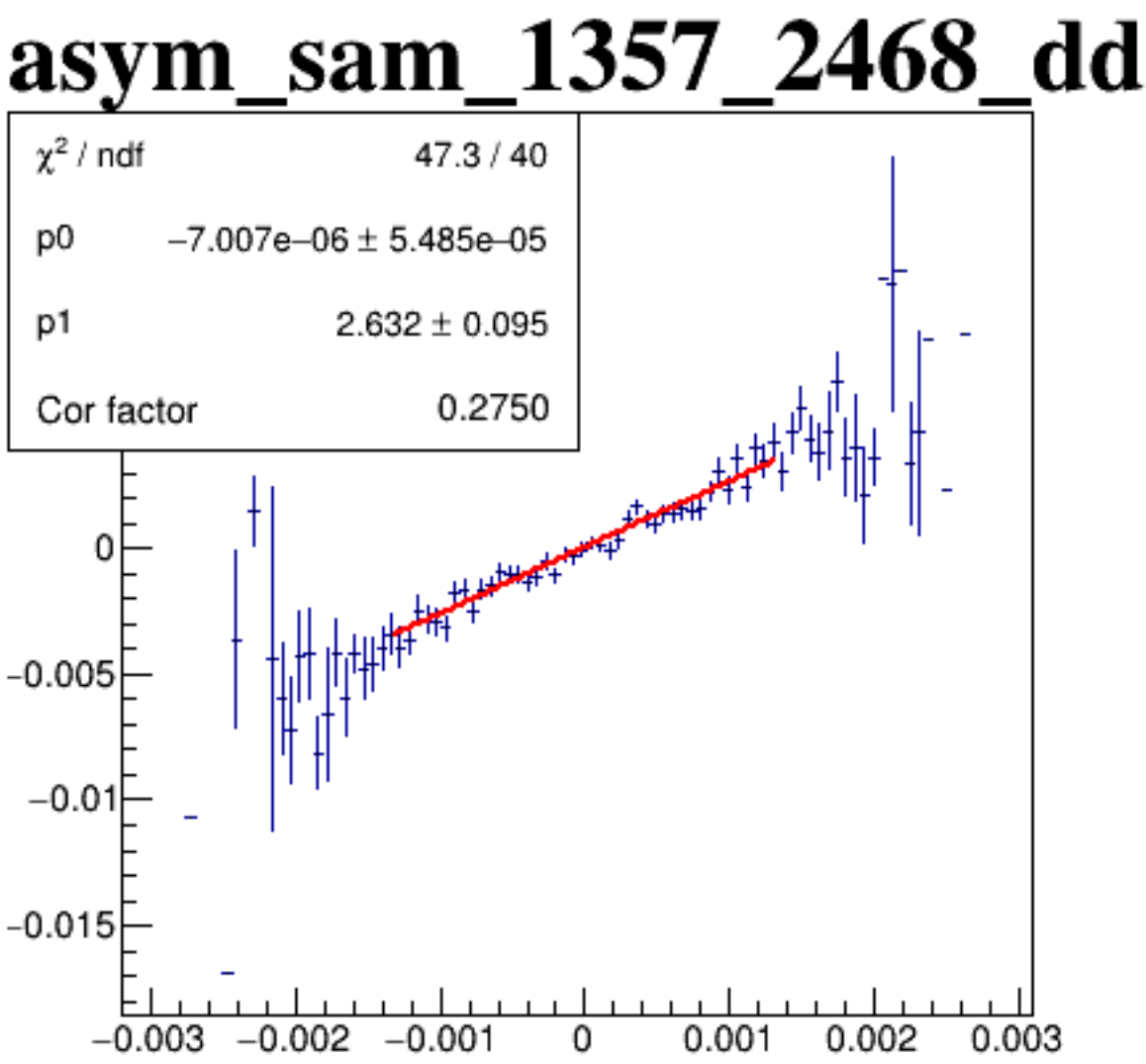
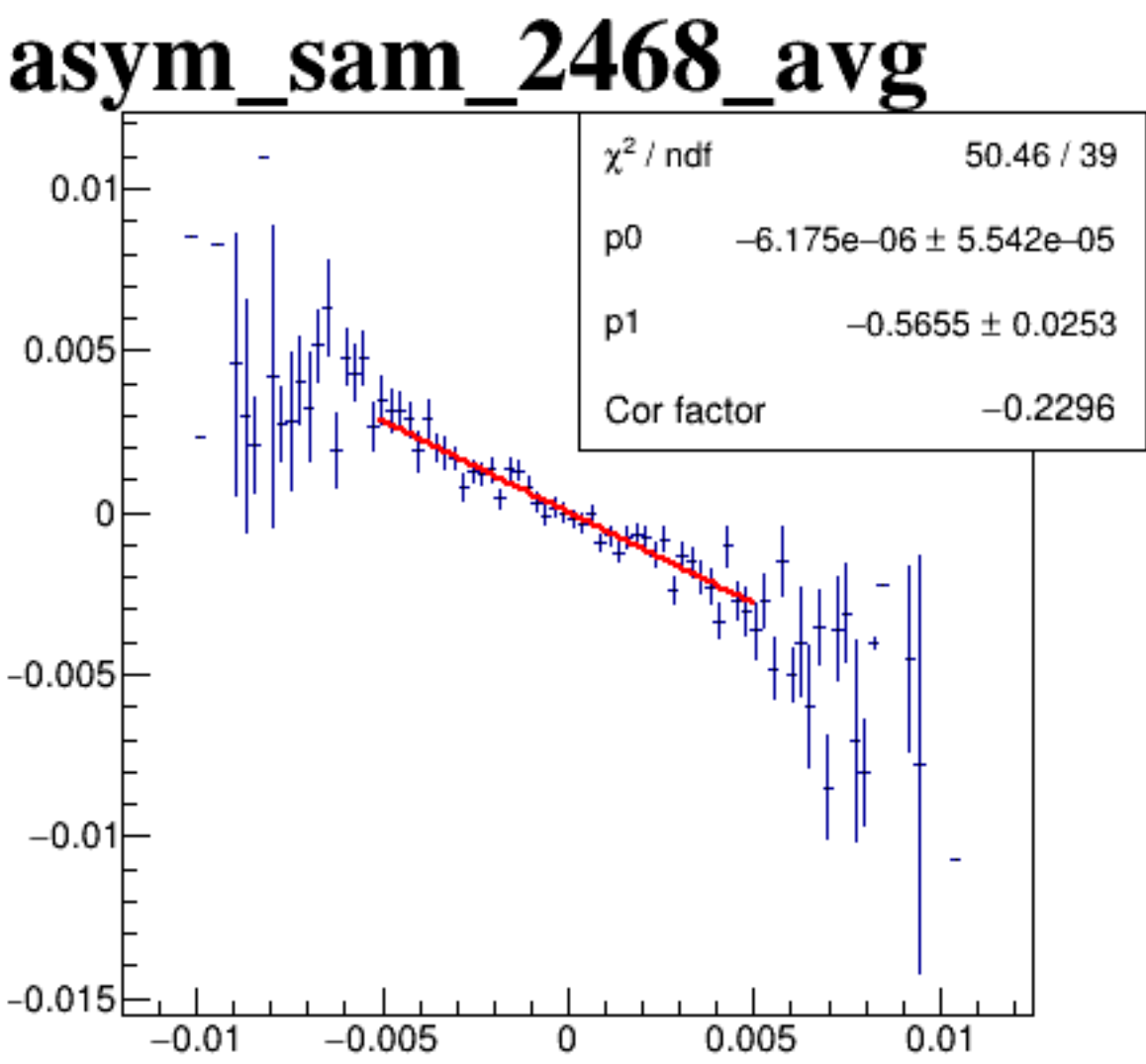
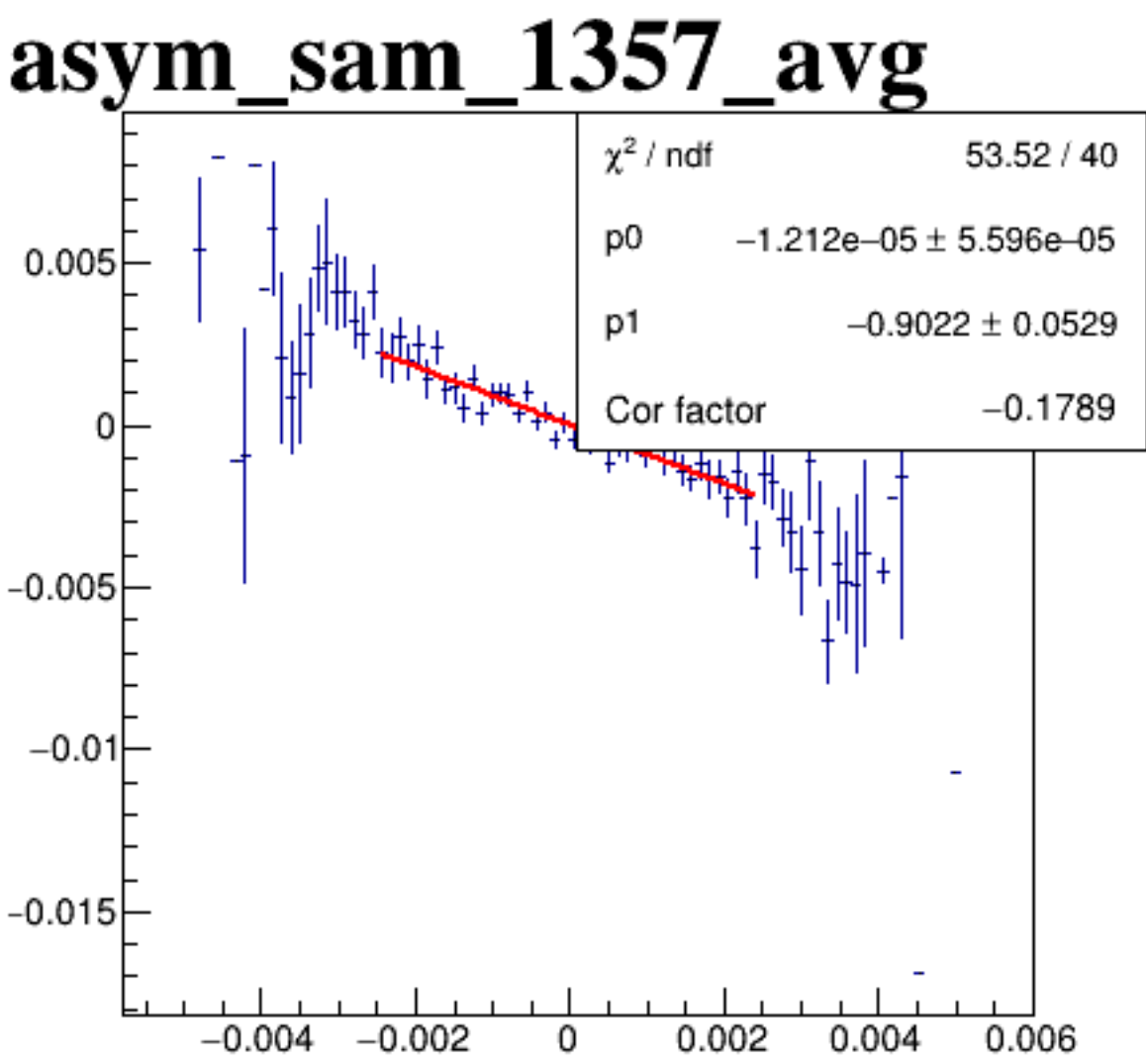
diff_bpm12X



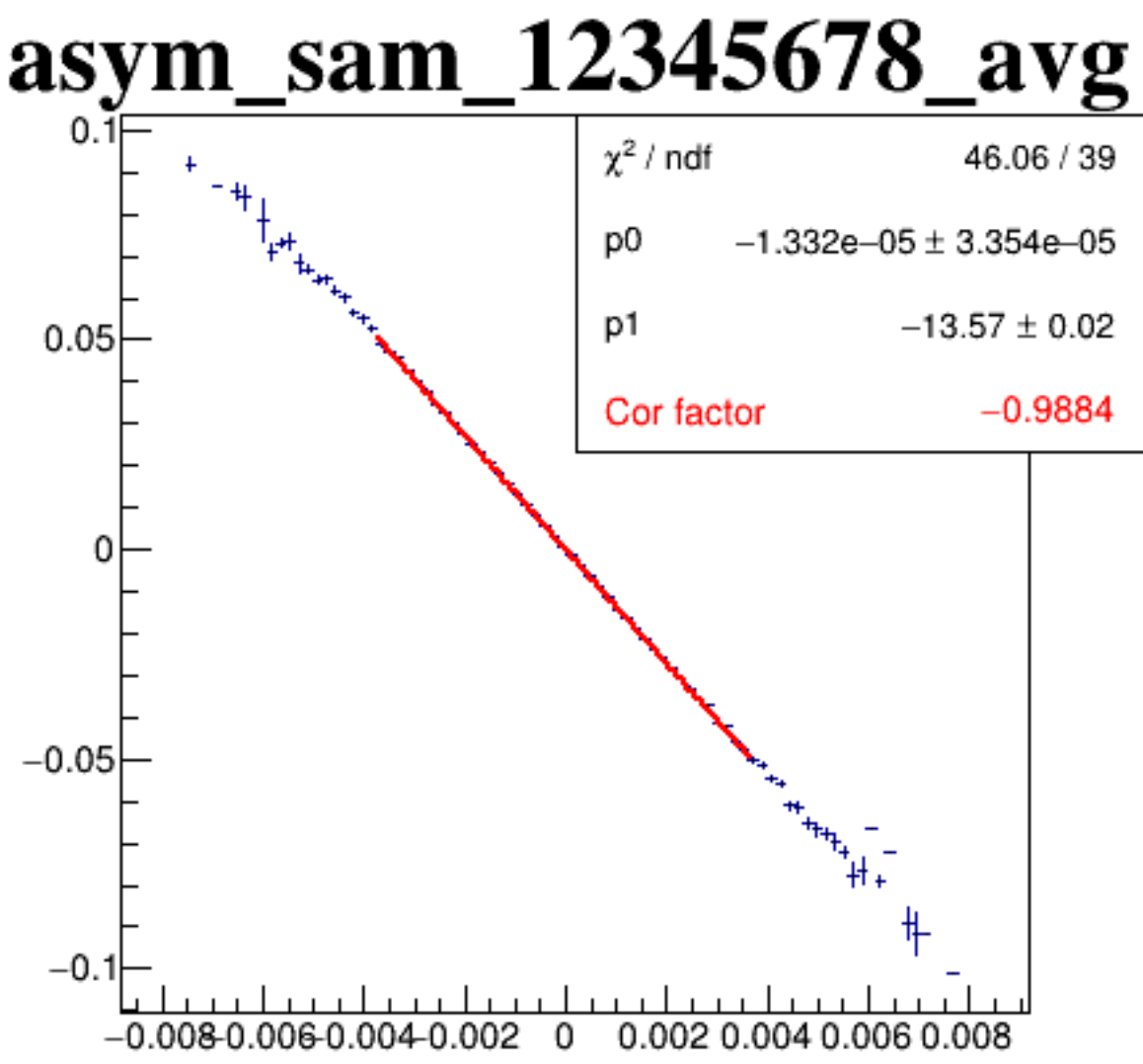
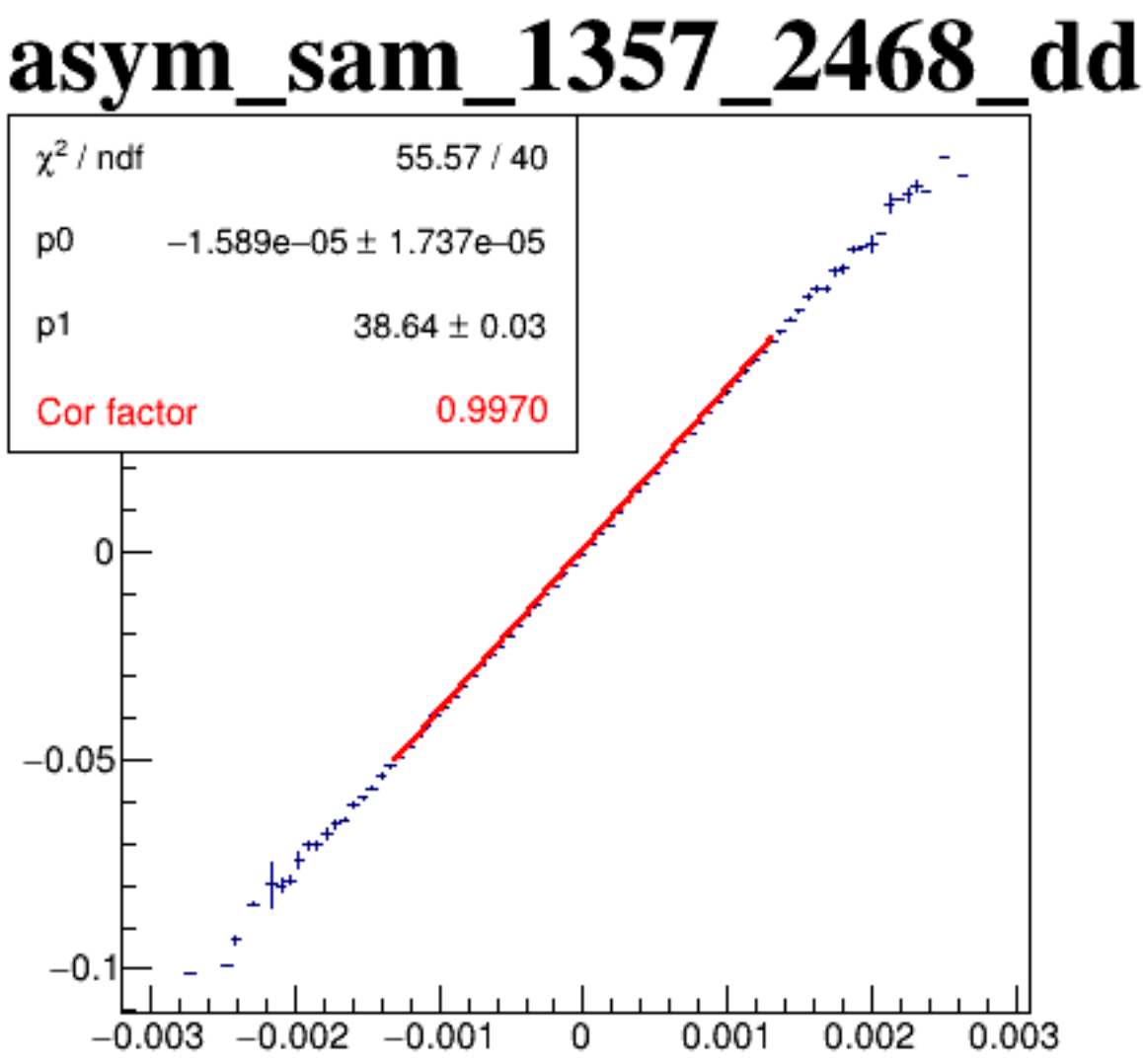
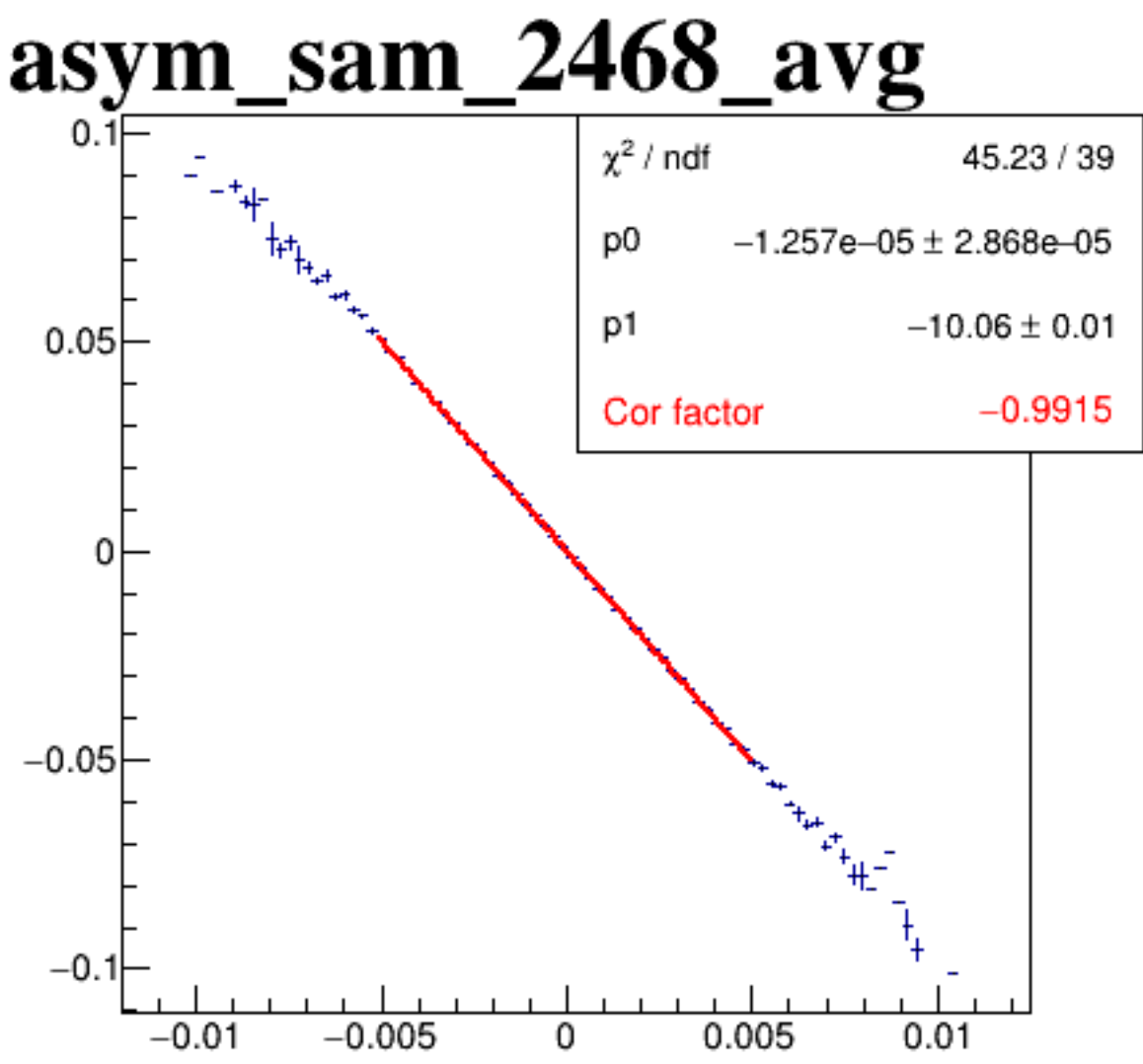
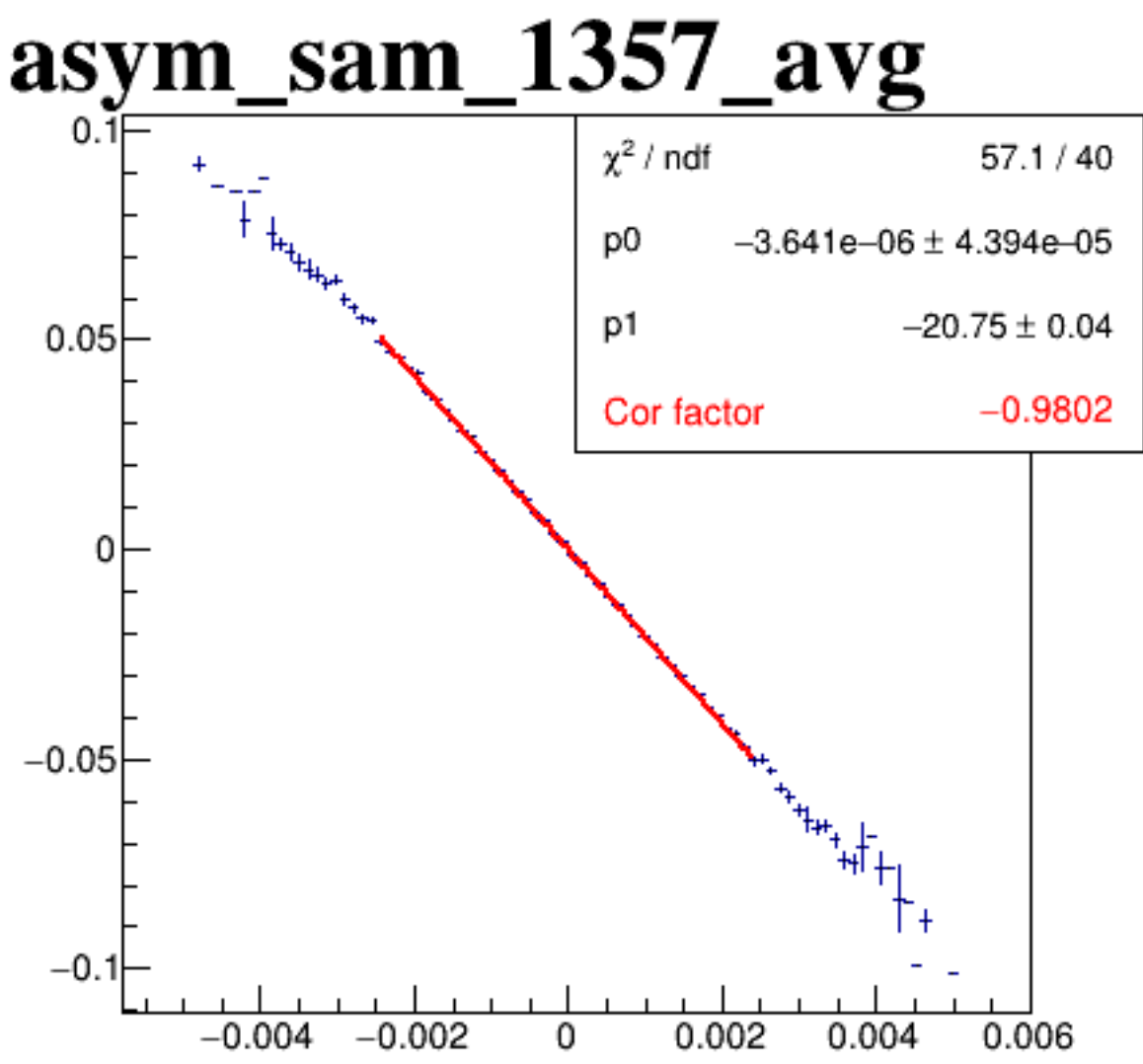
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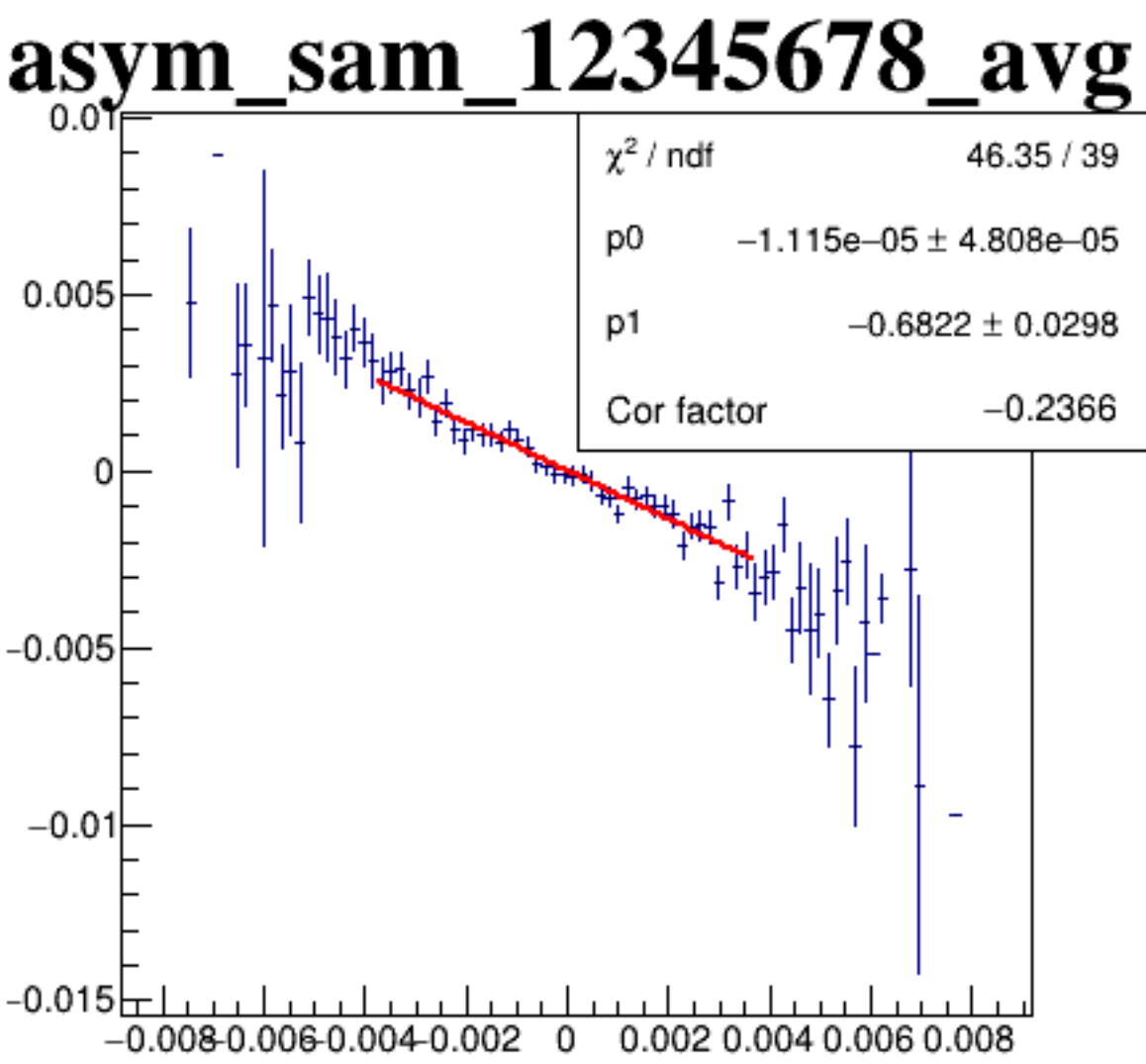
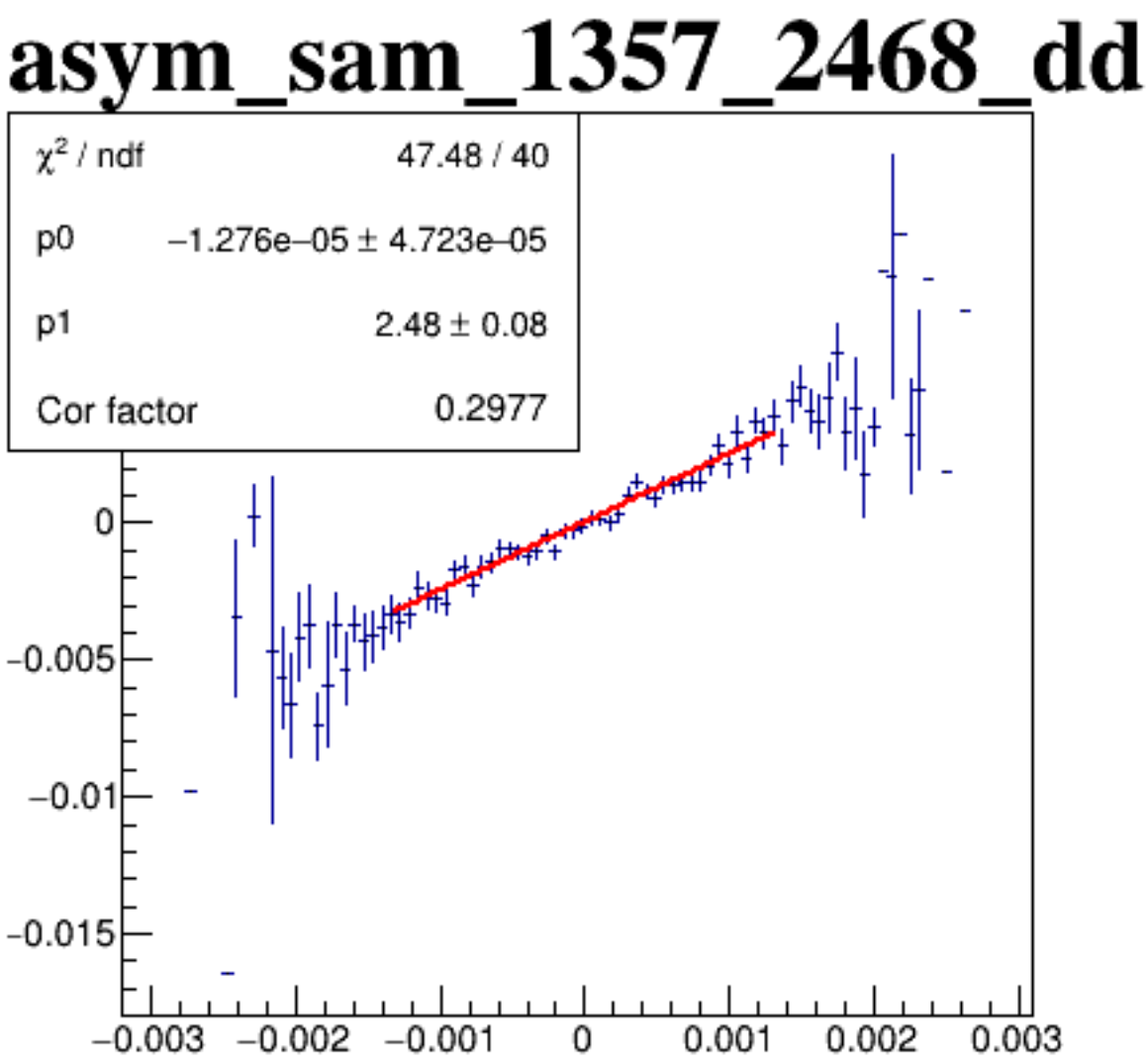
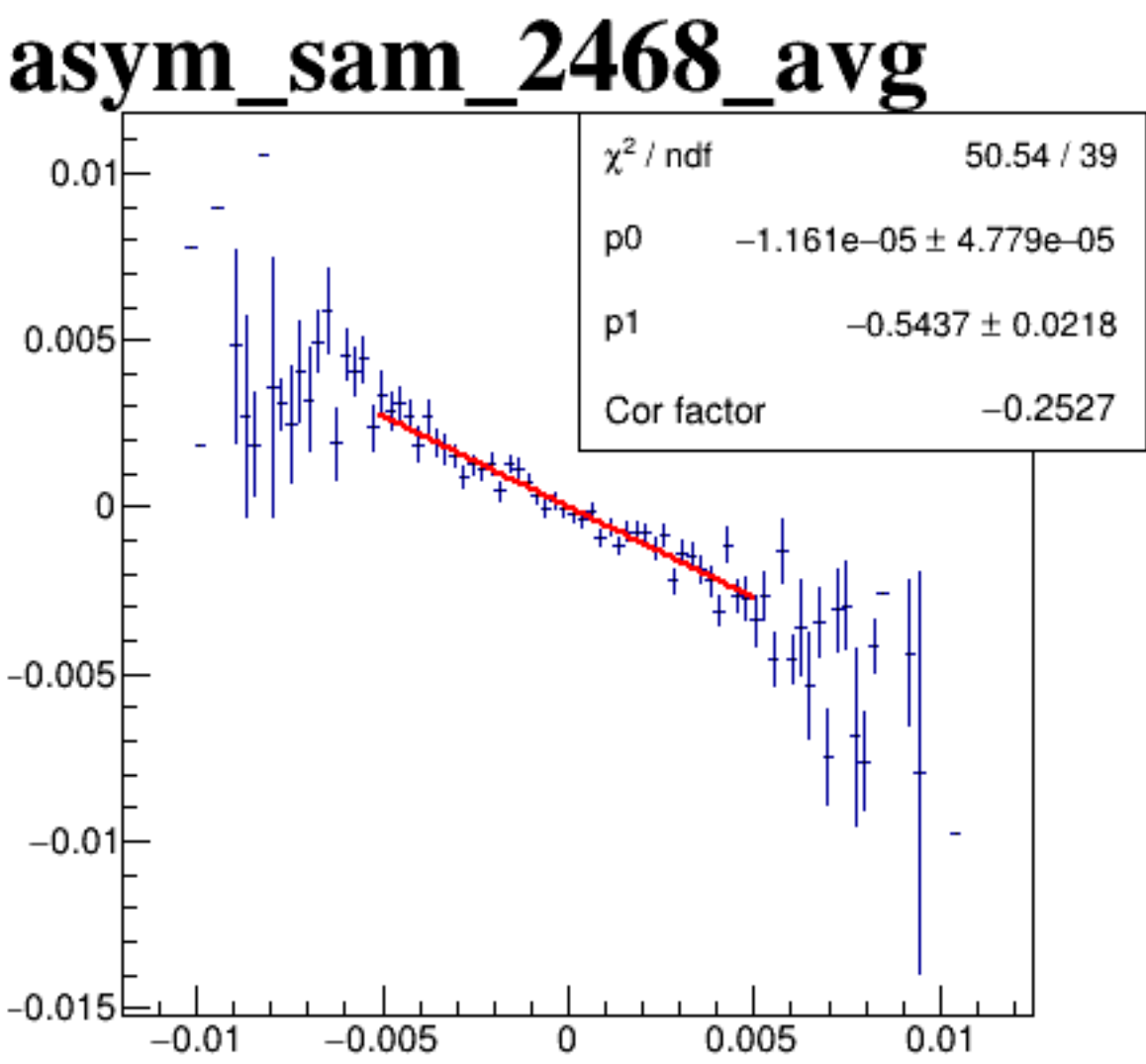
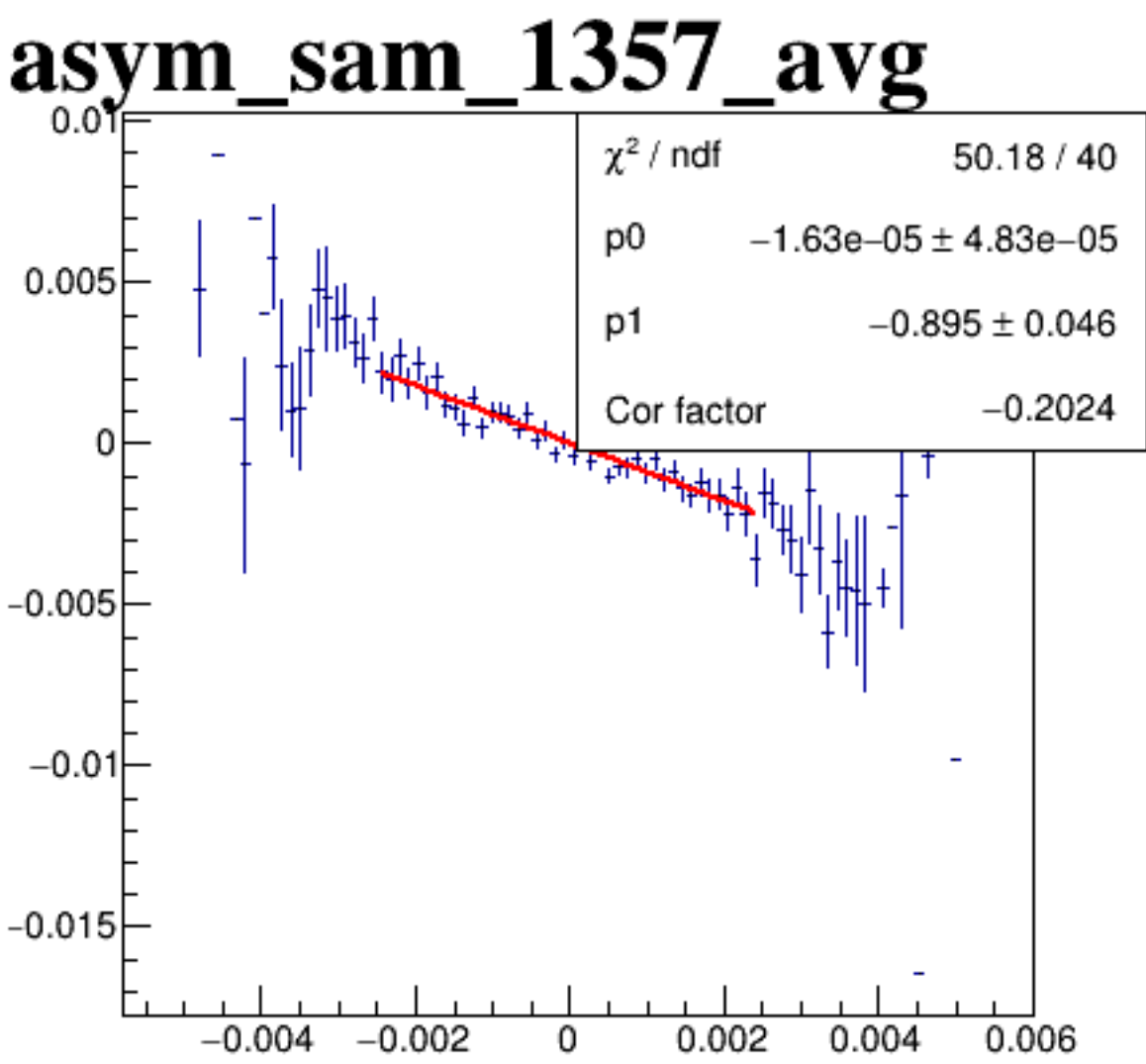
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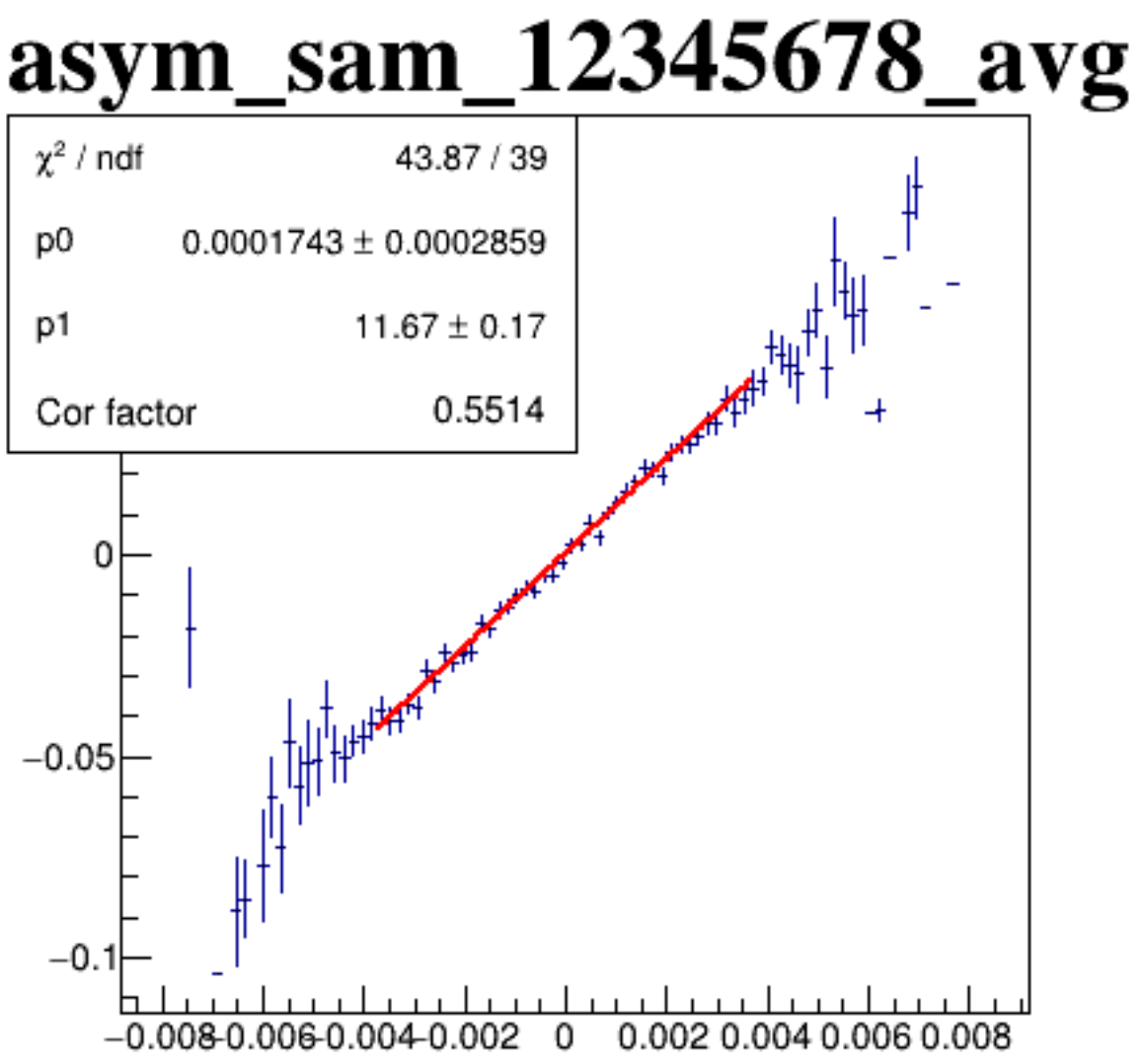
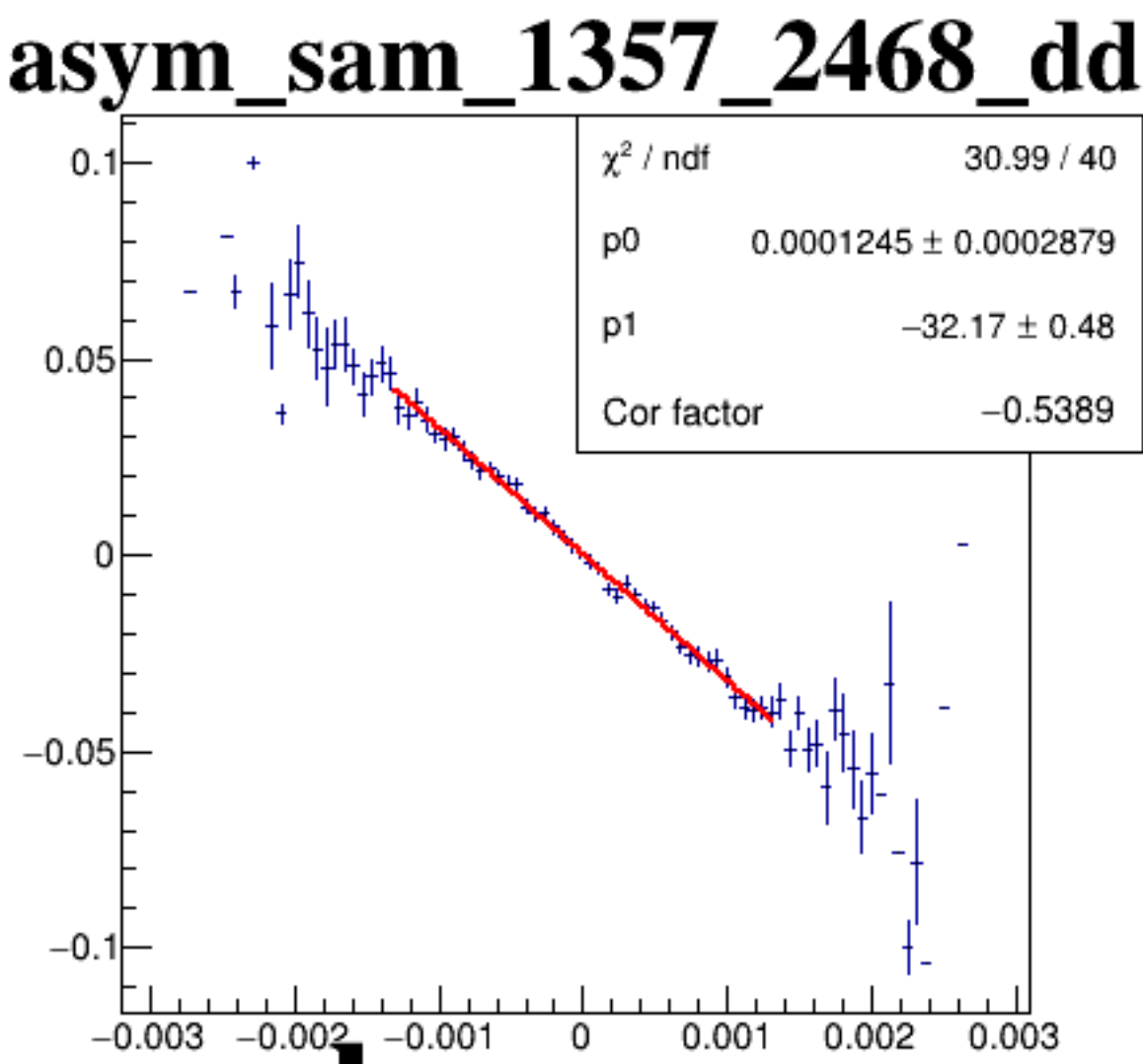
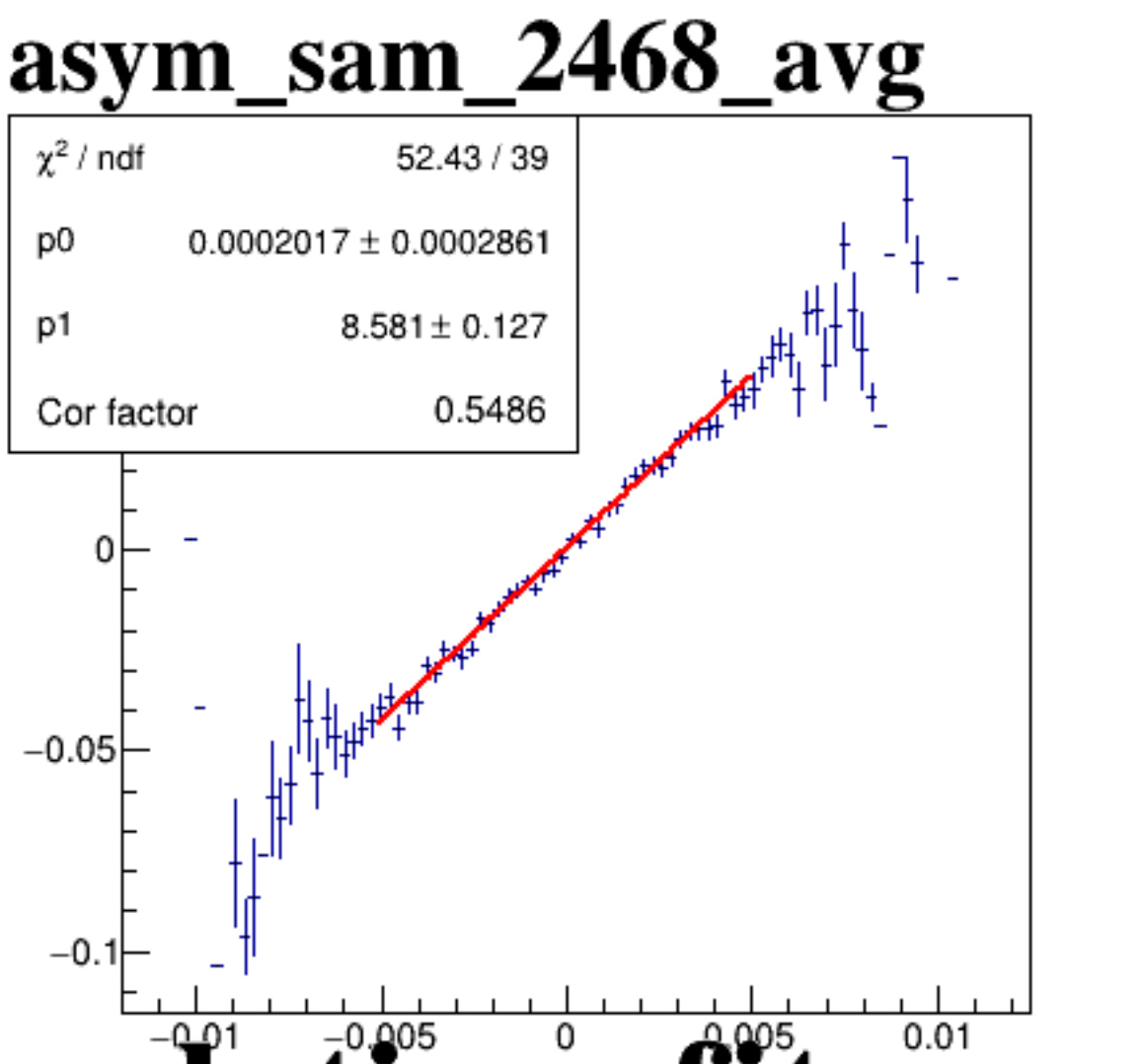
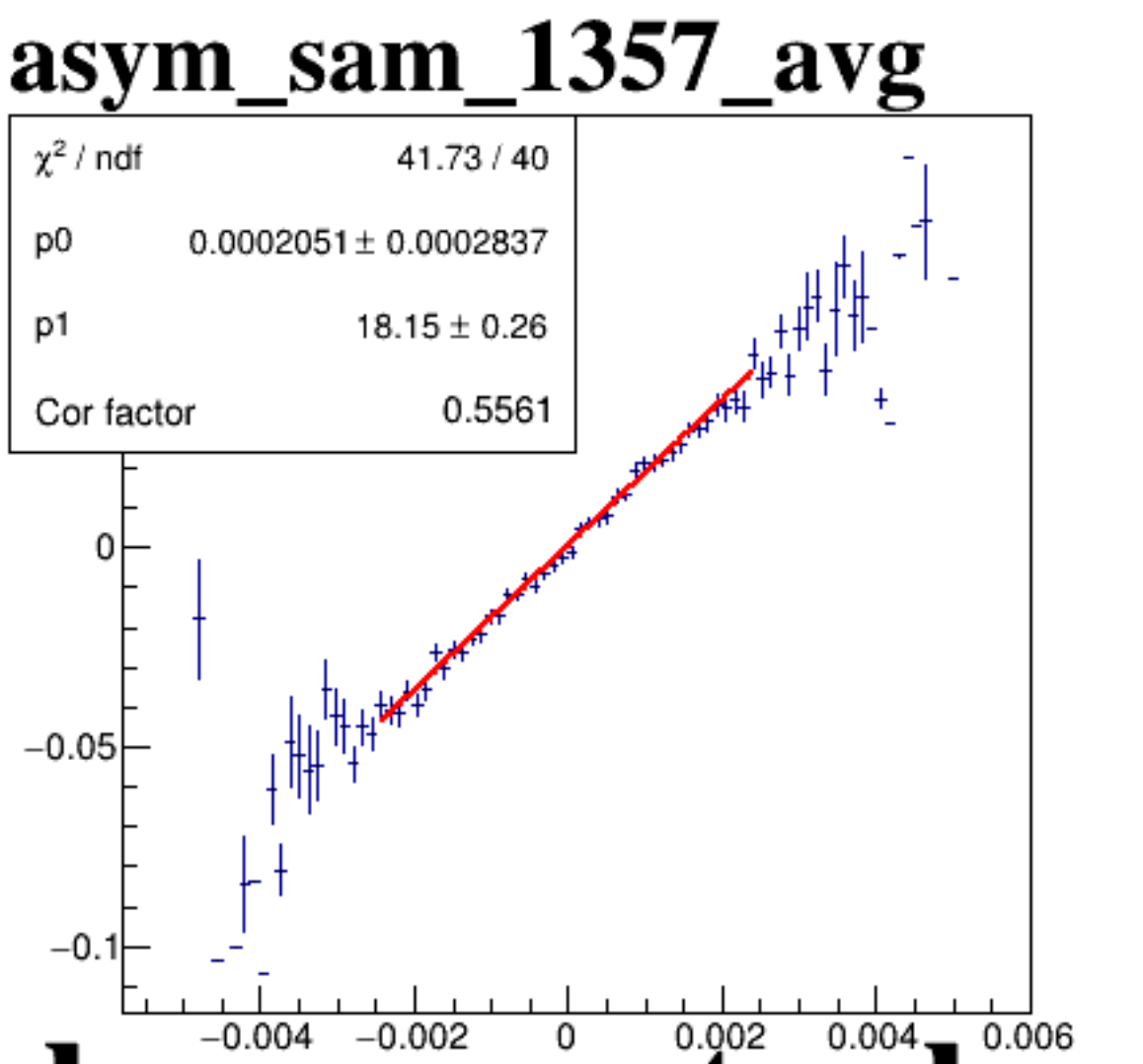
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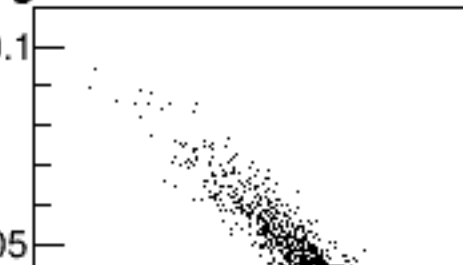
diff_bpm4eY



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 -0.008 to 0.008, and the y-axis ranges from -0.03 to 0.03. The data points are densely clustered around the origin (0,0), forming a roughly circular cloud of points. The plot is titled `asym_sam_12345678_avg` in large, bold, black font at the top.



A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The data points form a dense, diagonal line, indicating a strong positive correlation between the two variables. The axes range from approximately -0.08 to 0.1.

asym_sam_2468_avg

mulc.asym_sam_2468_avg

asym_sam_1357_2468_d

mulc.asym_sam_1357_2468_dd

asym_sam_12345678_avg

mulc.asym_sam_12345678_avg