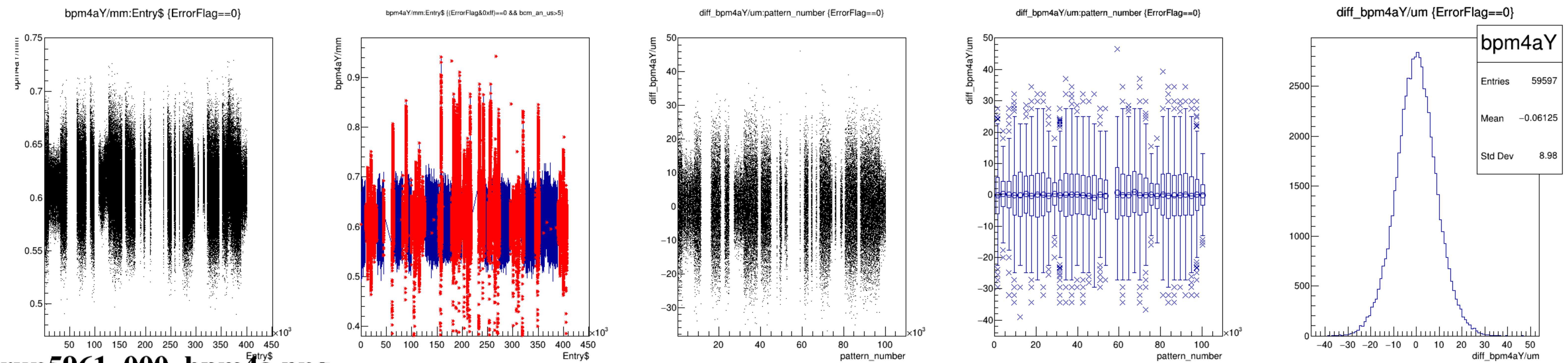
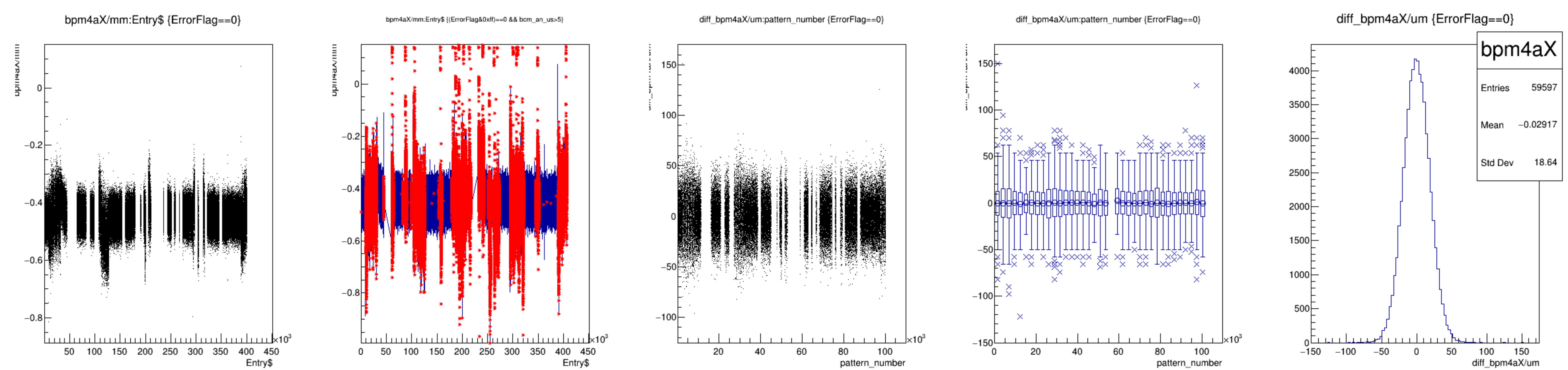
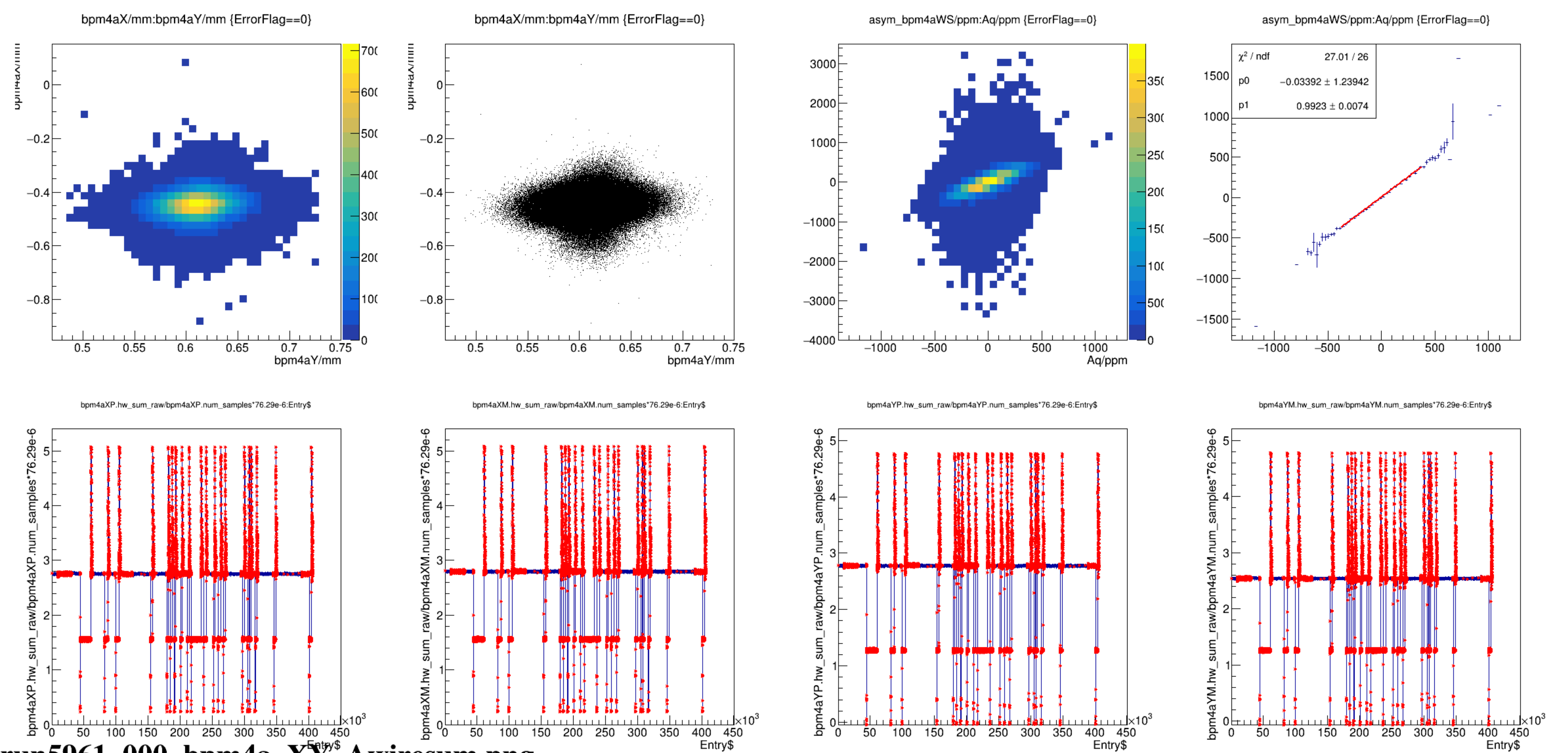
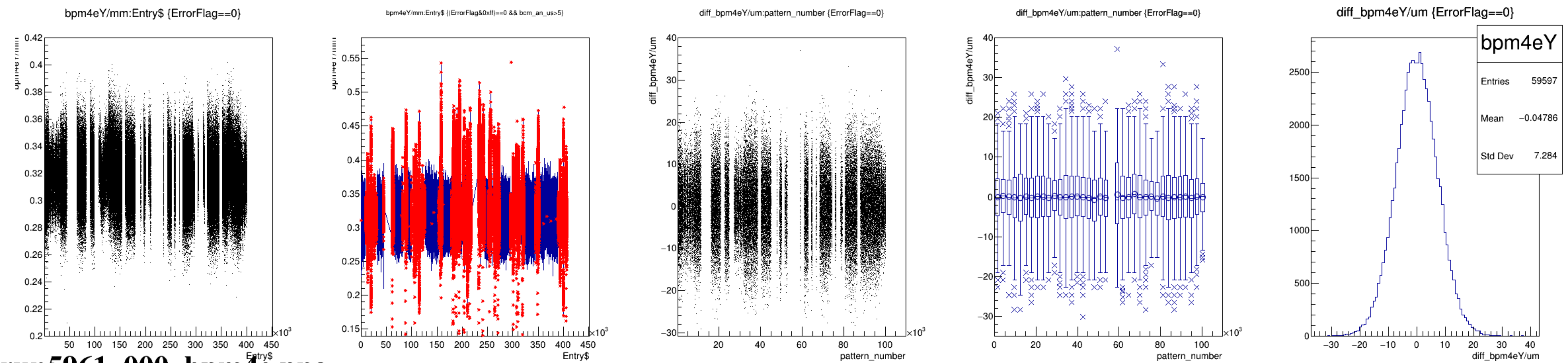
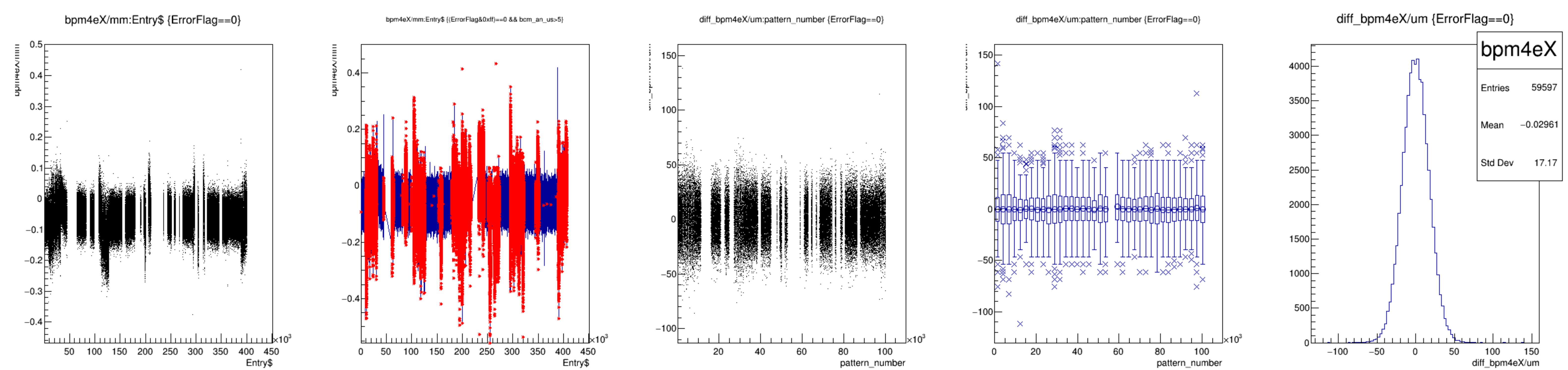
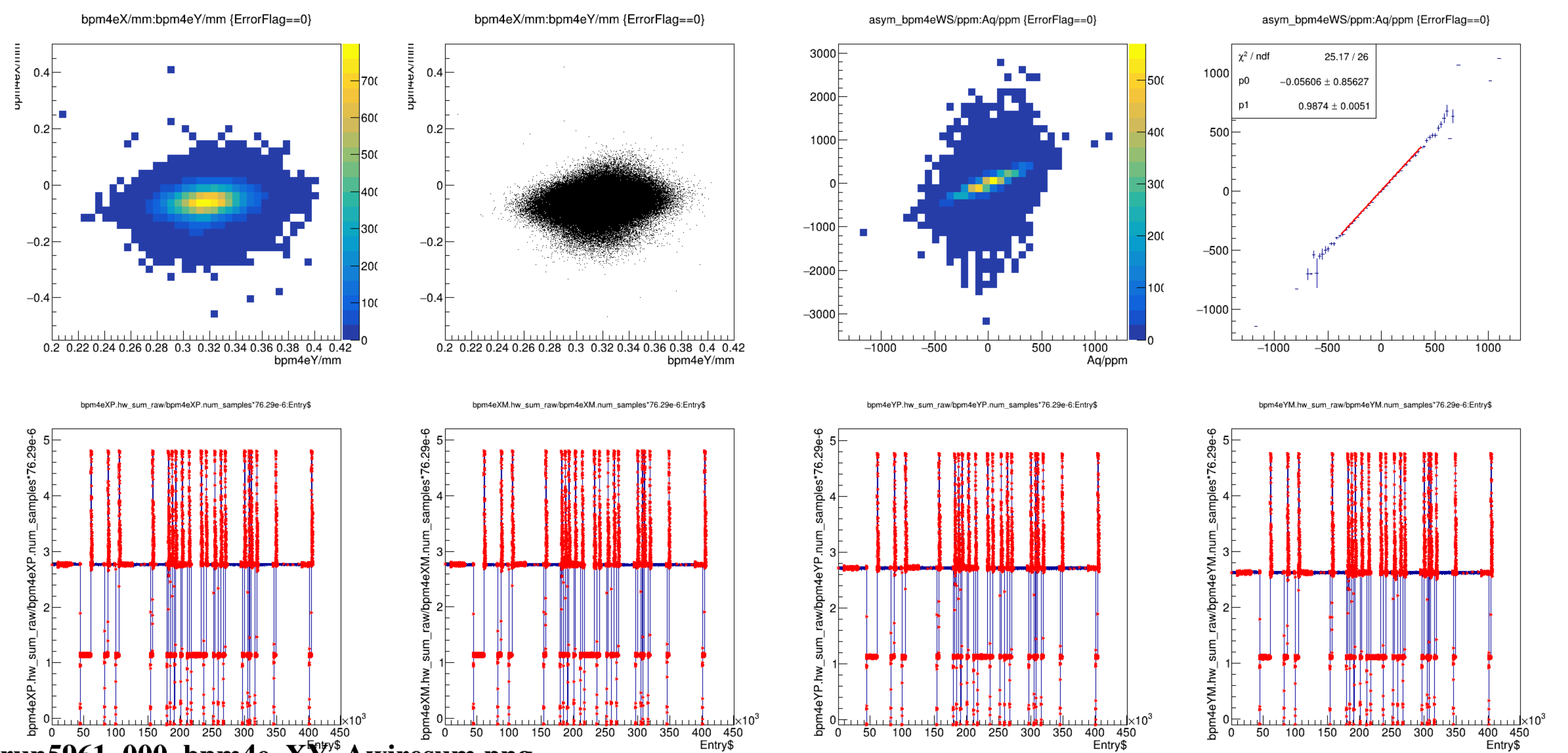
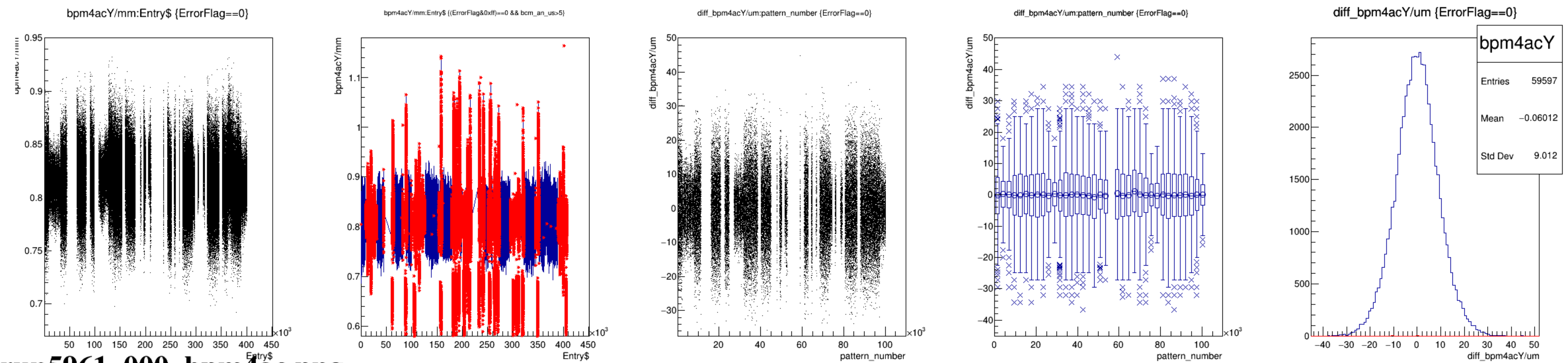
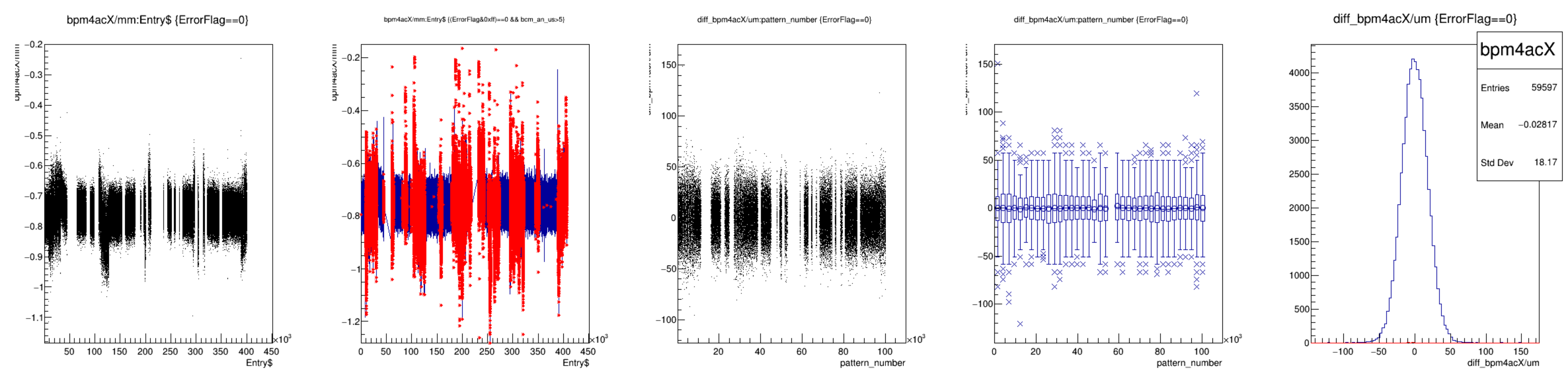


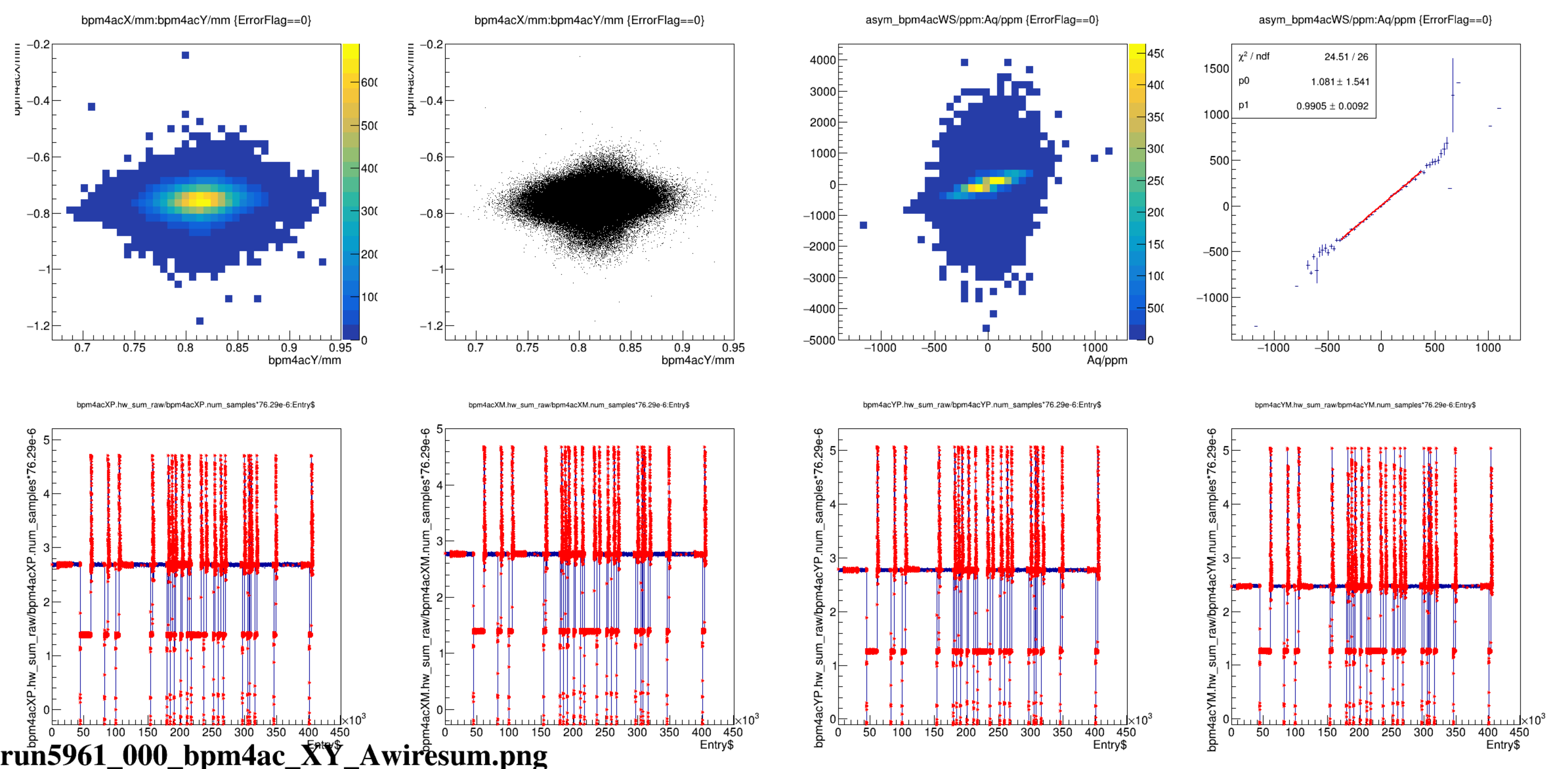


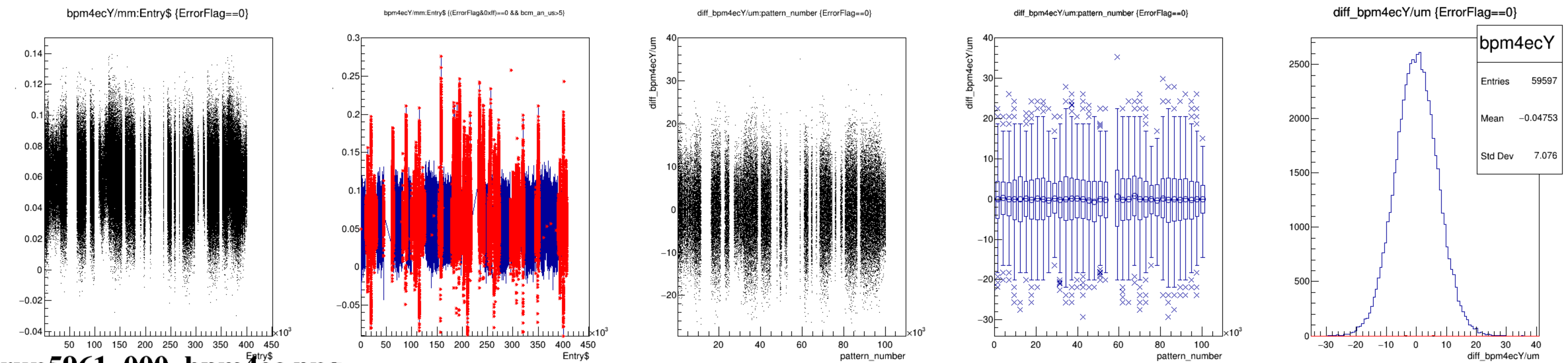
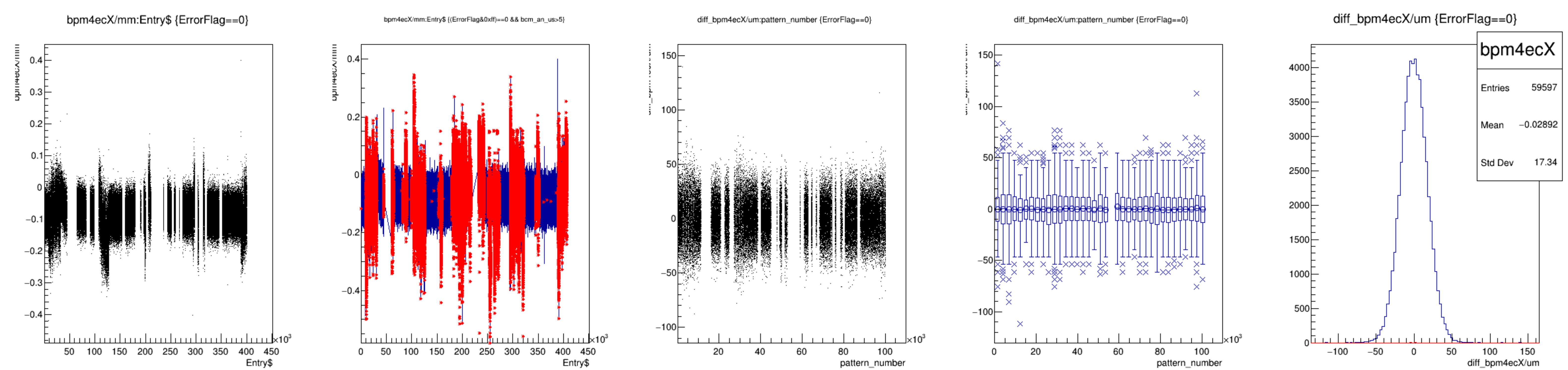


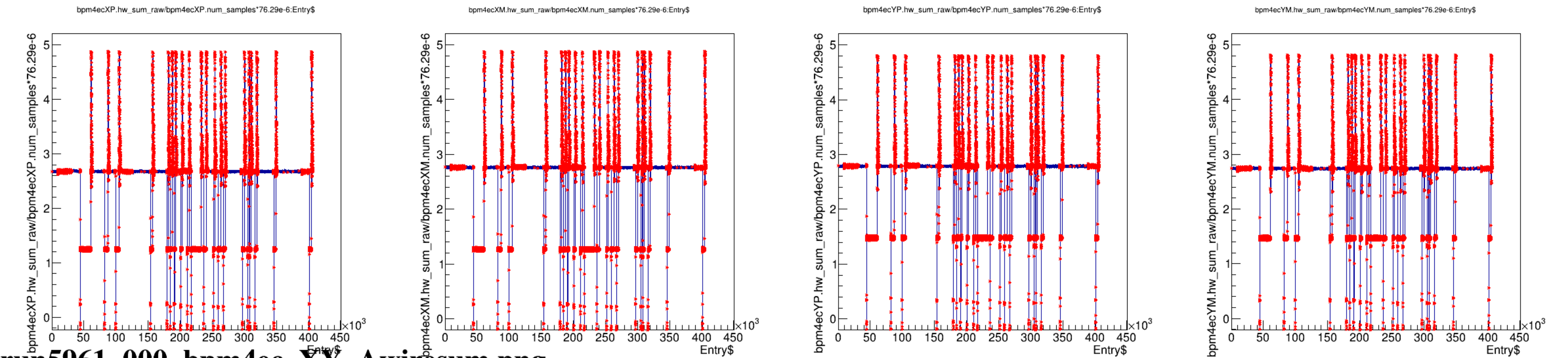
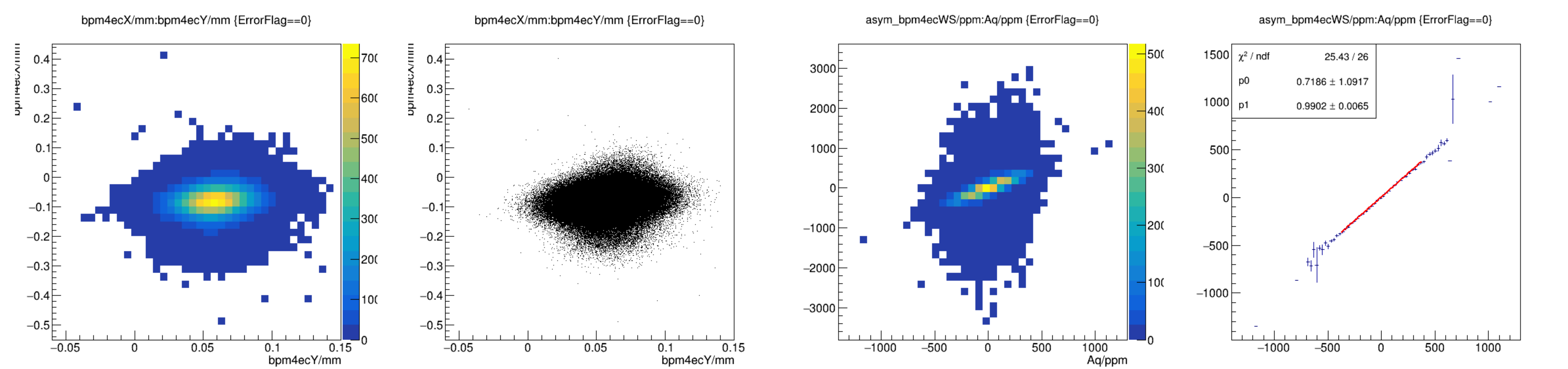




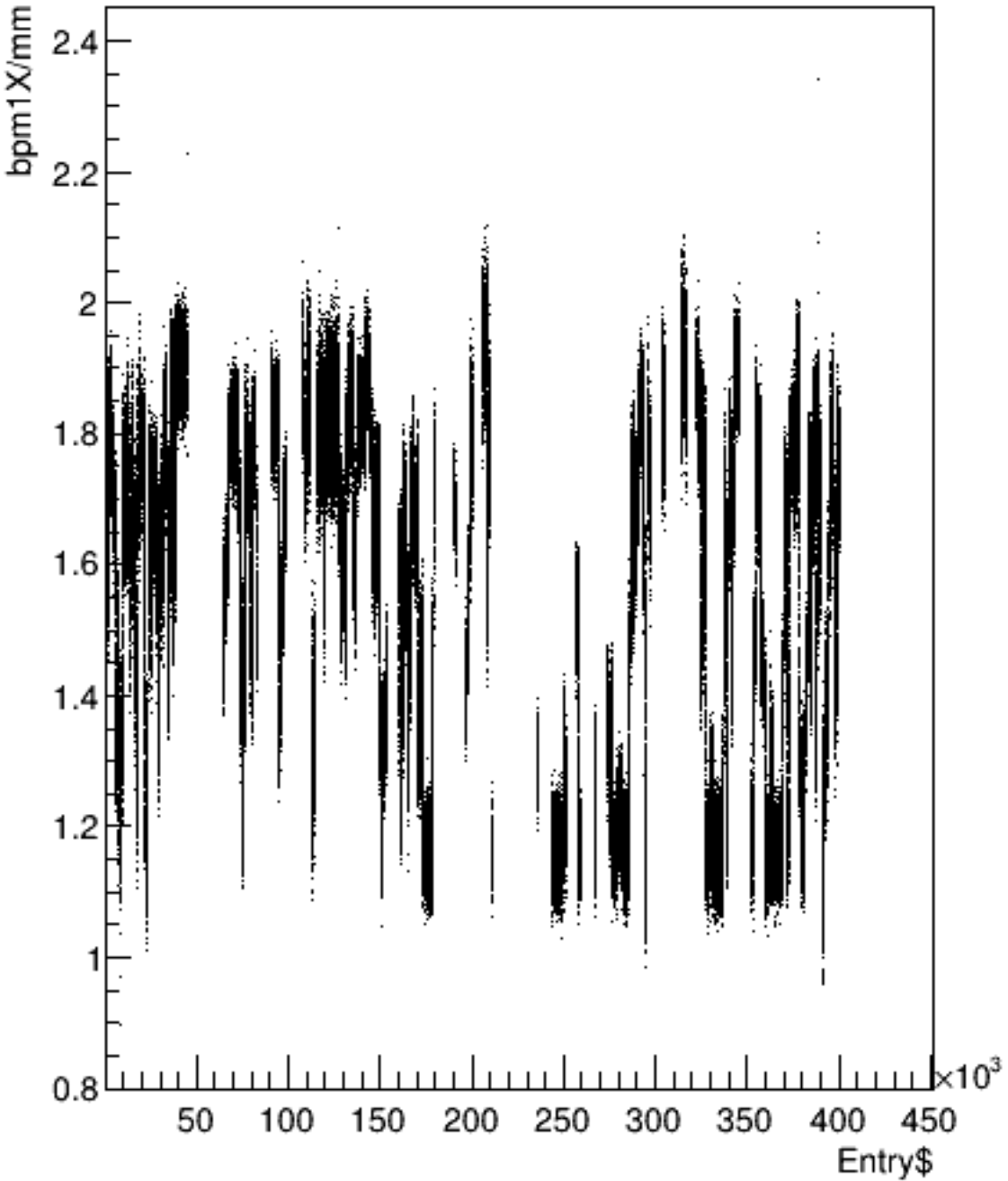




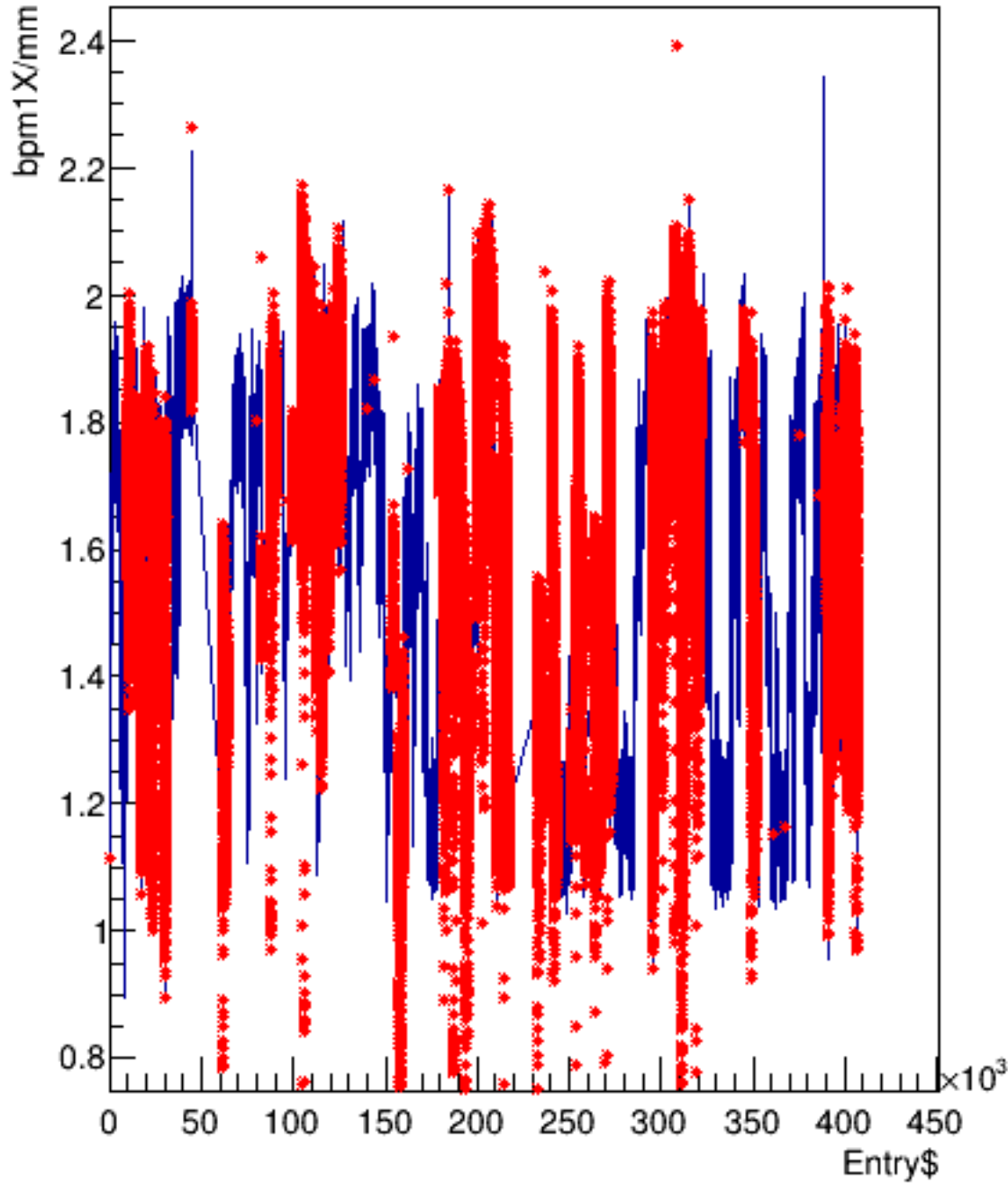




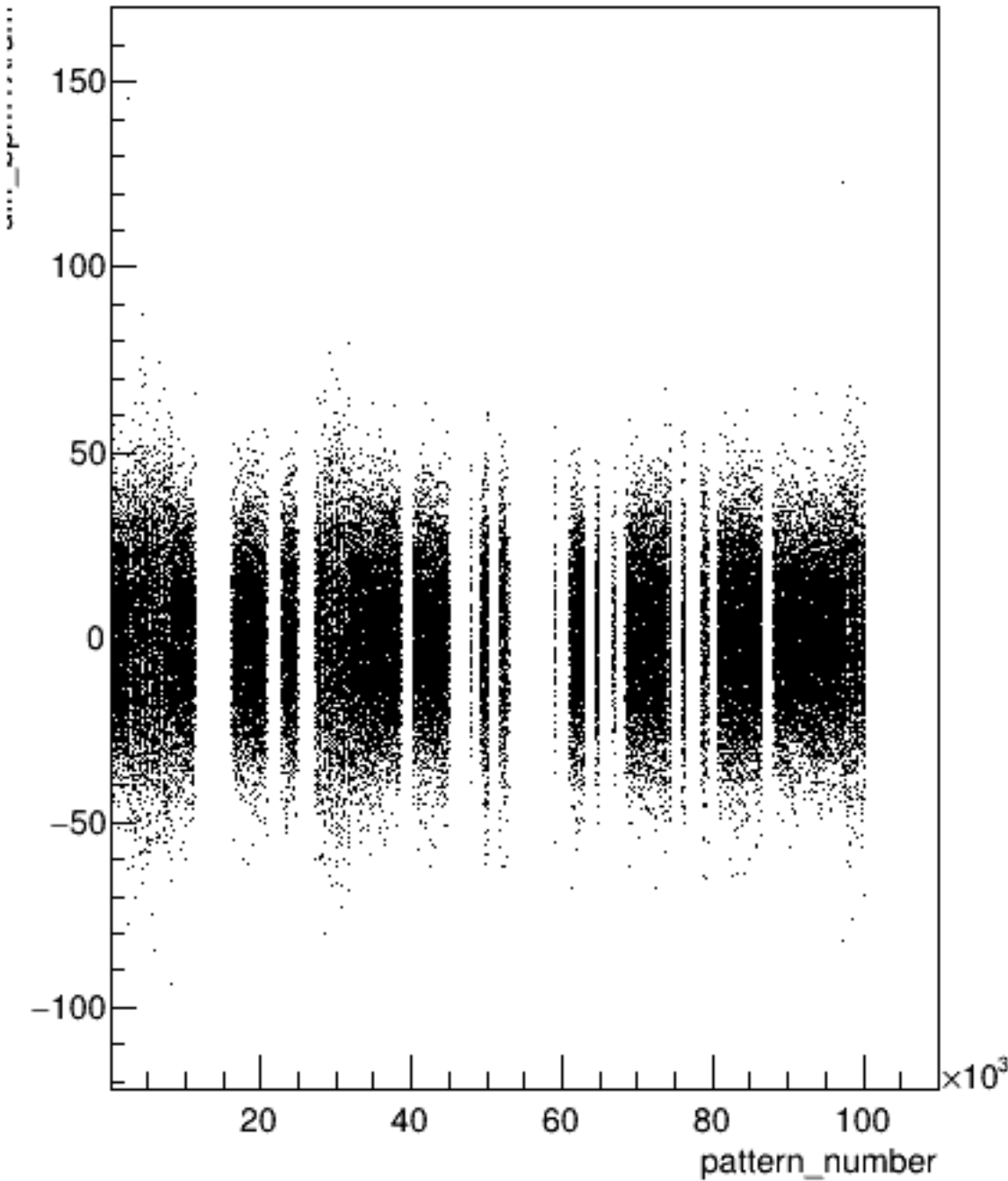
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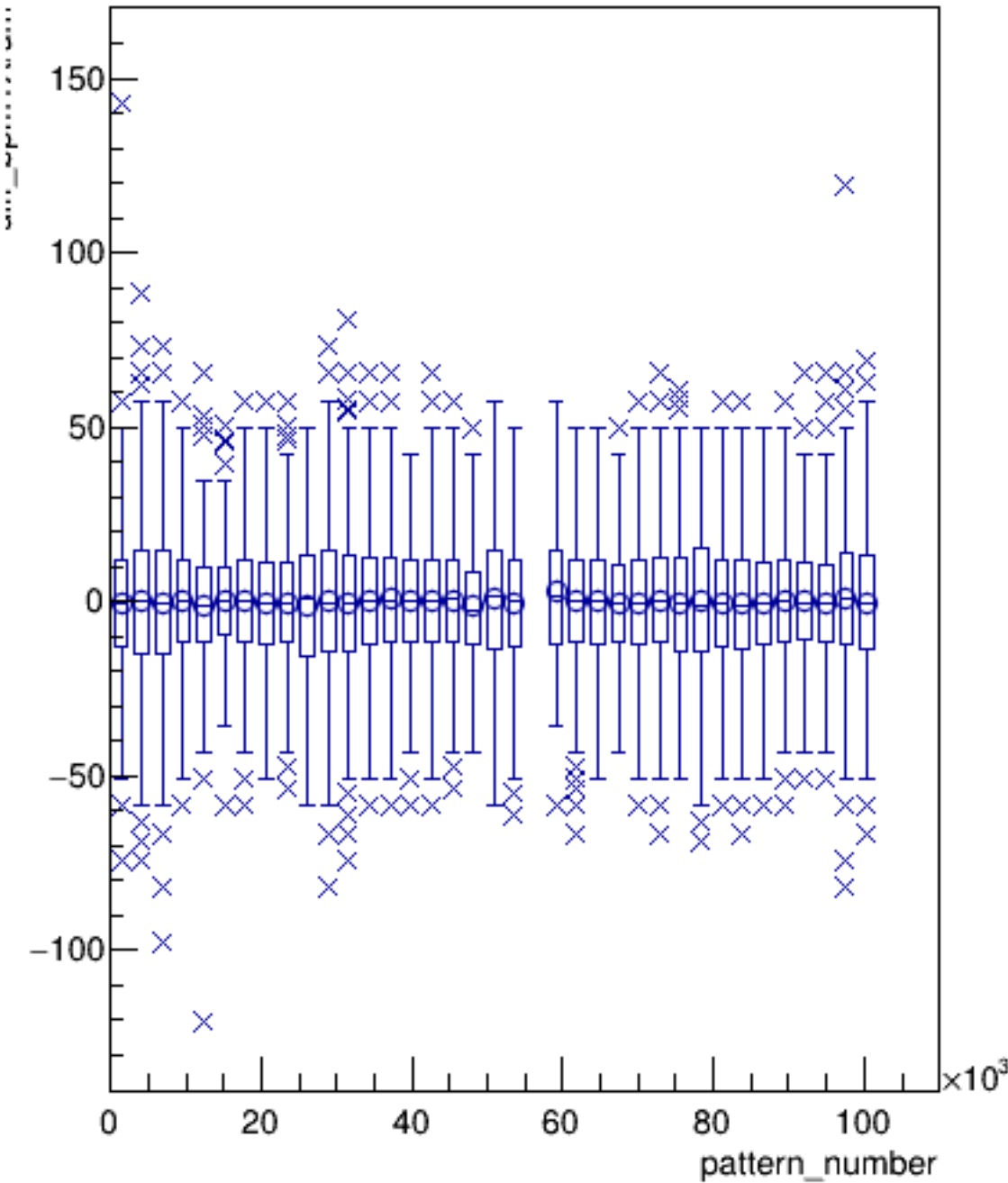
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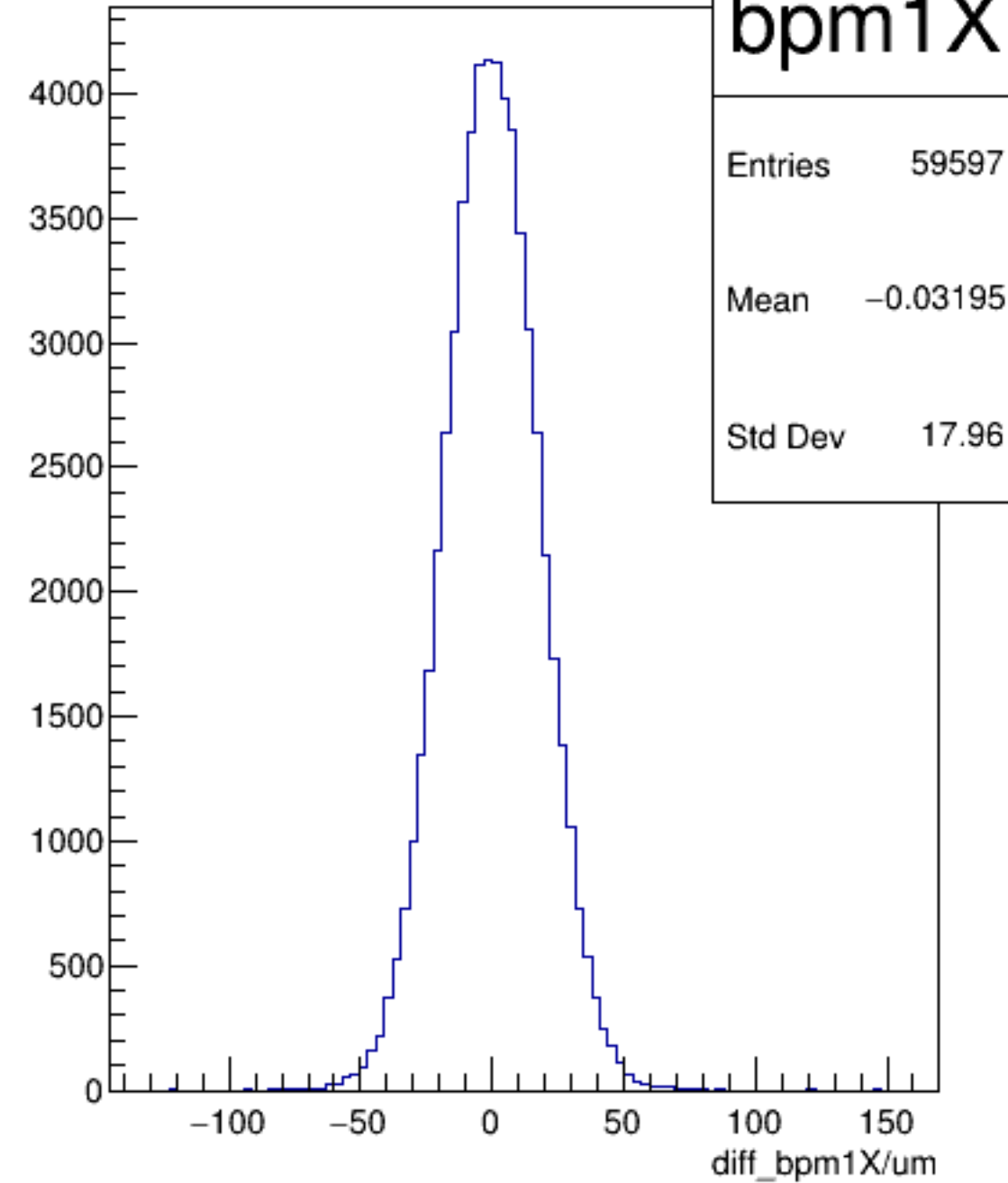
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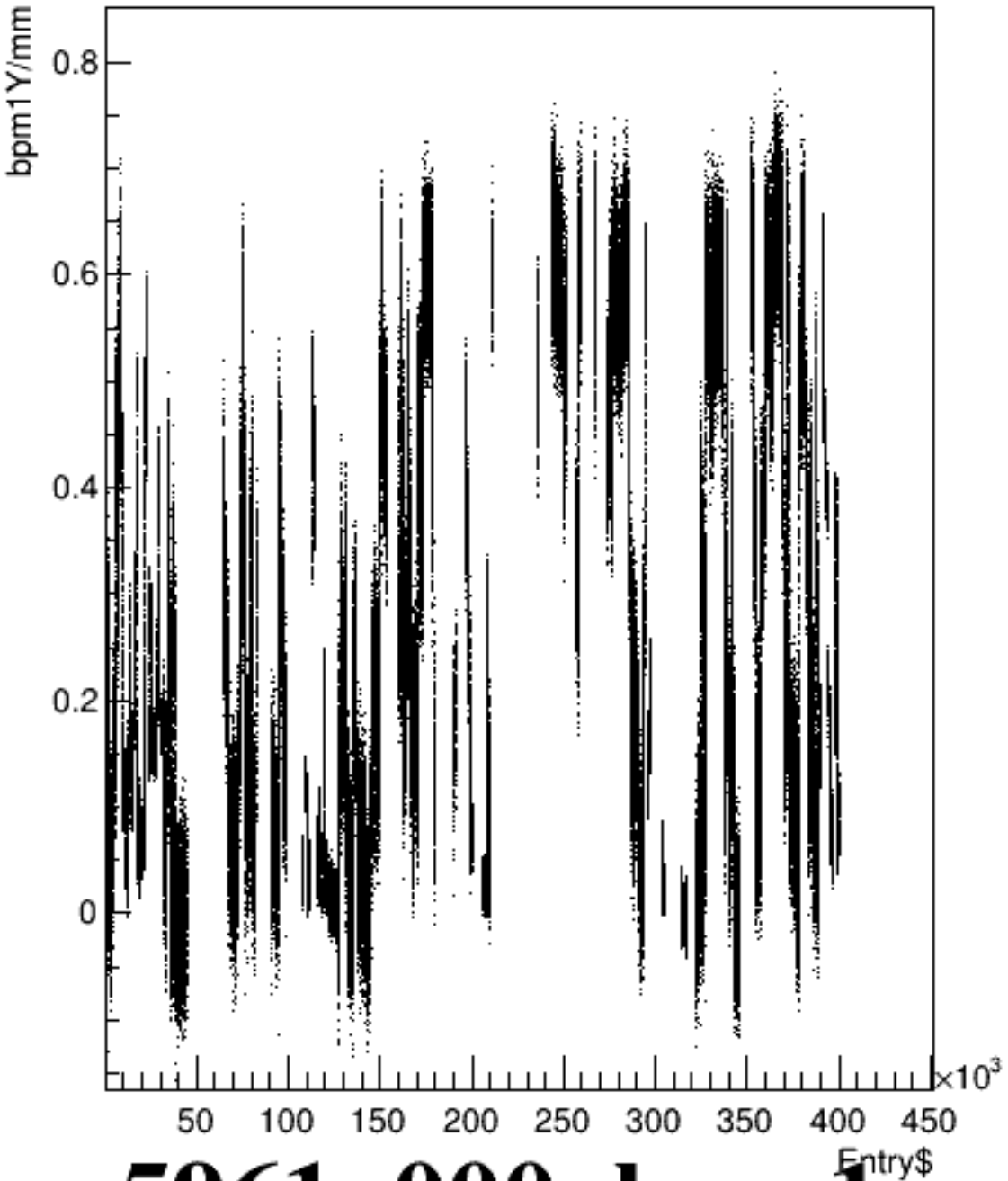
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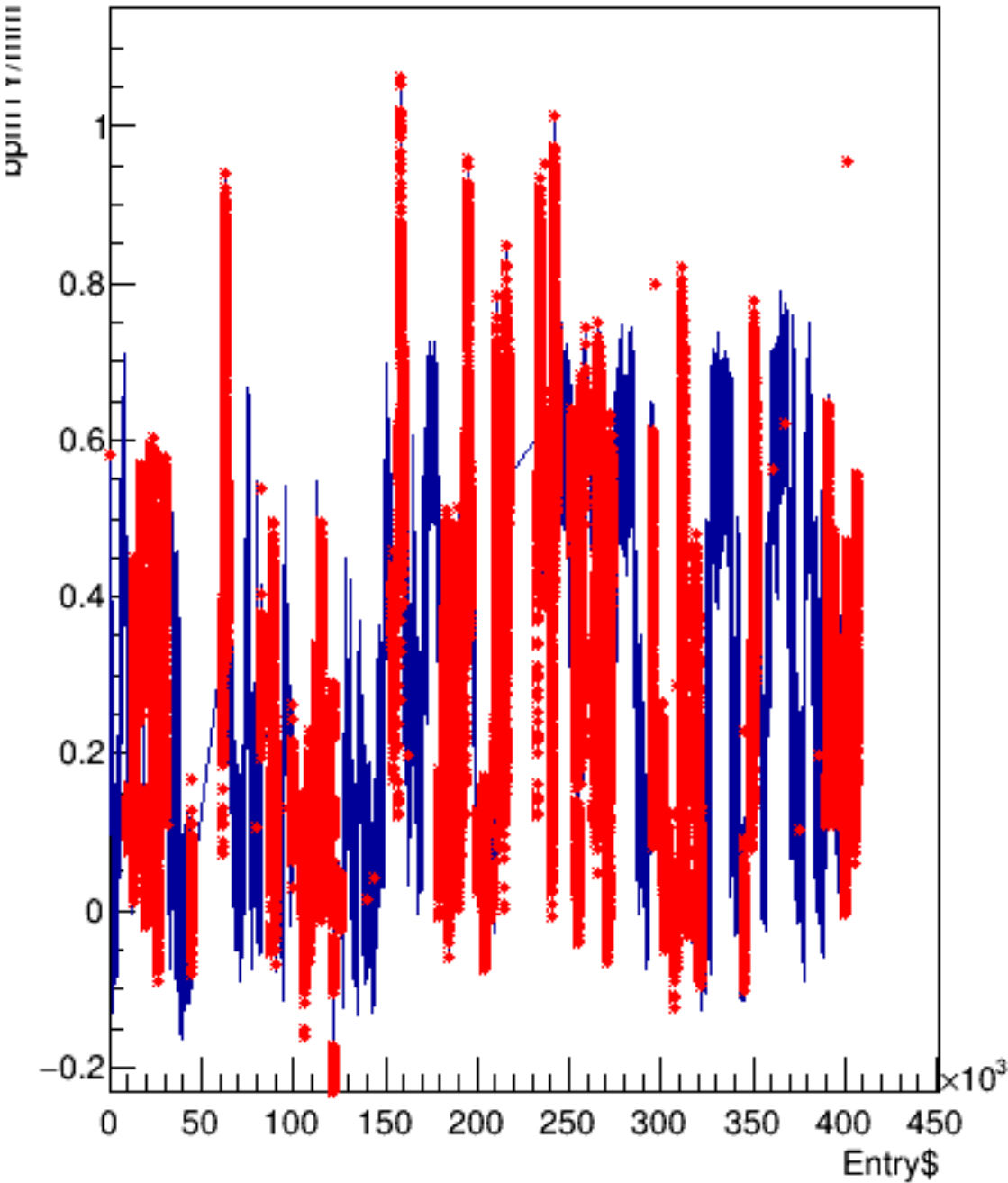
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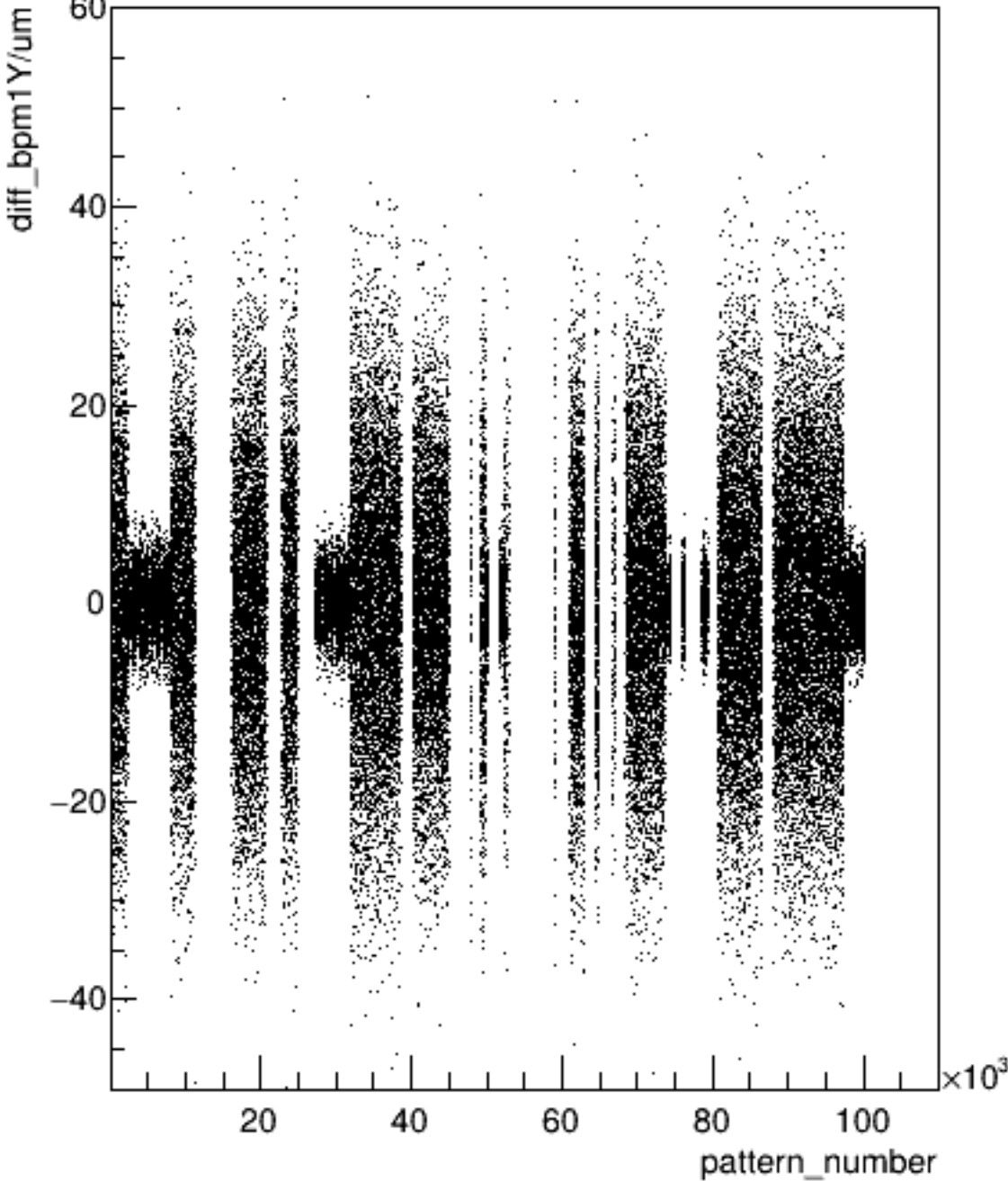
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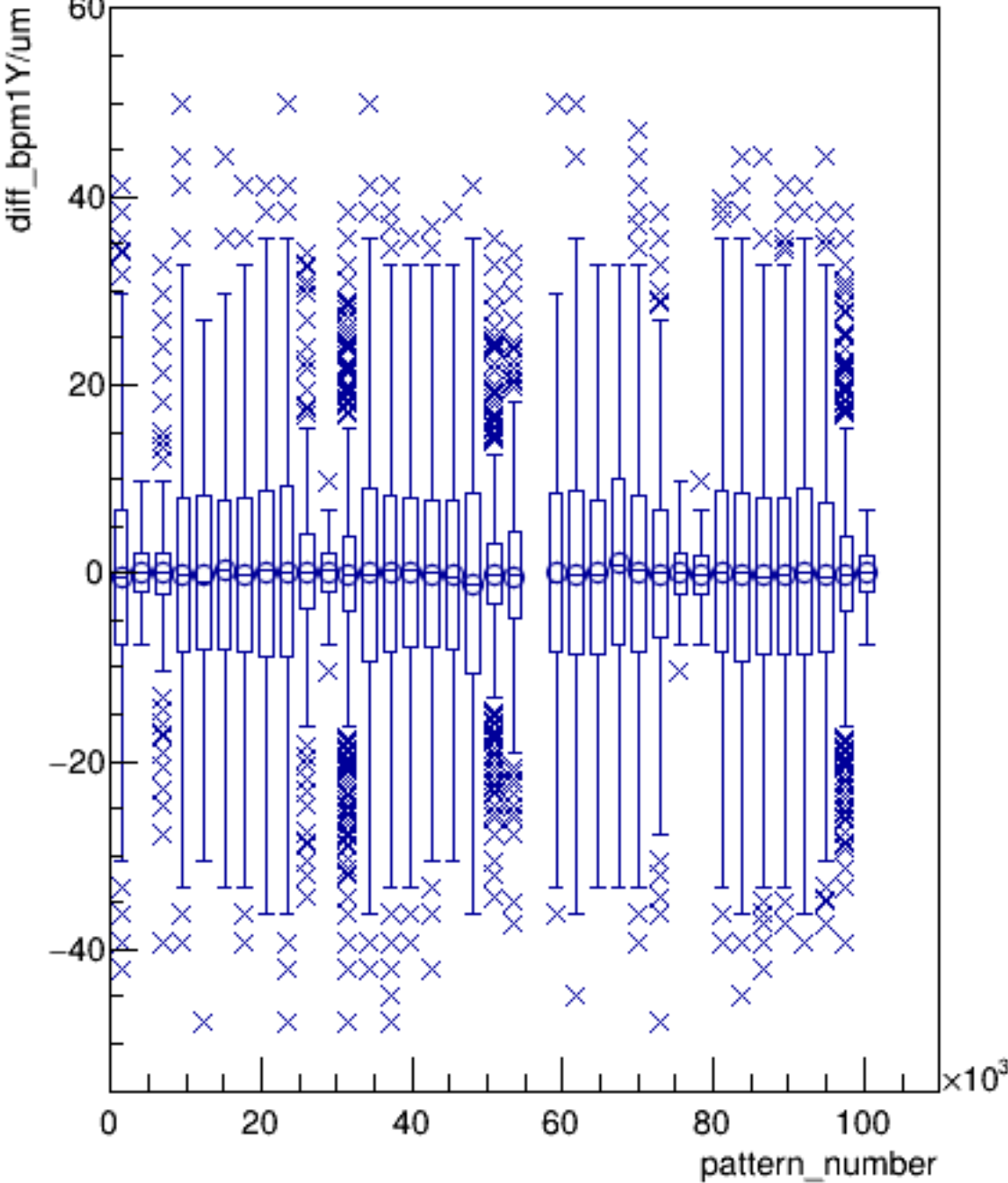
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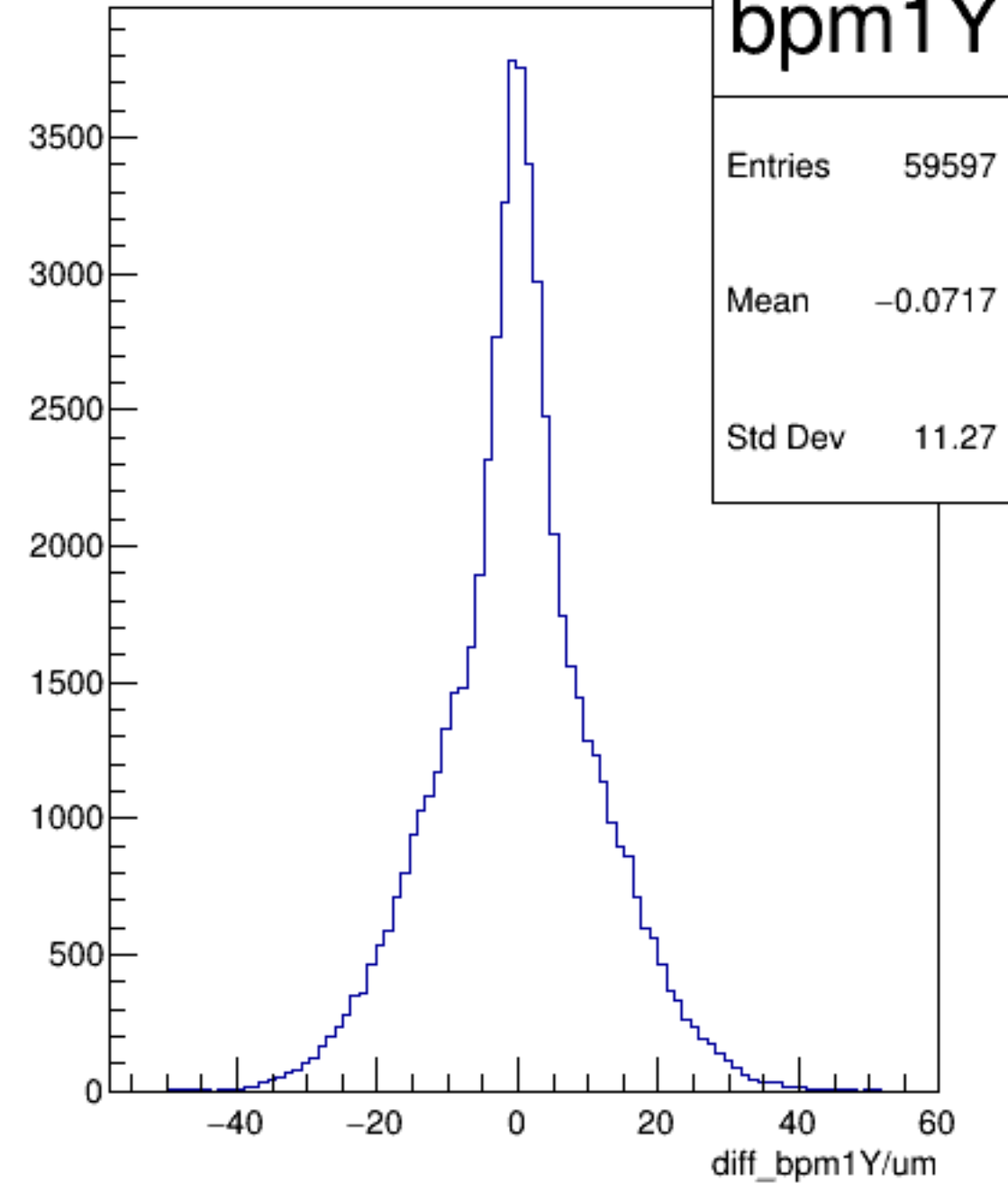
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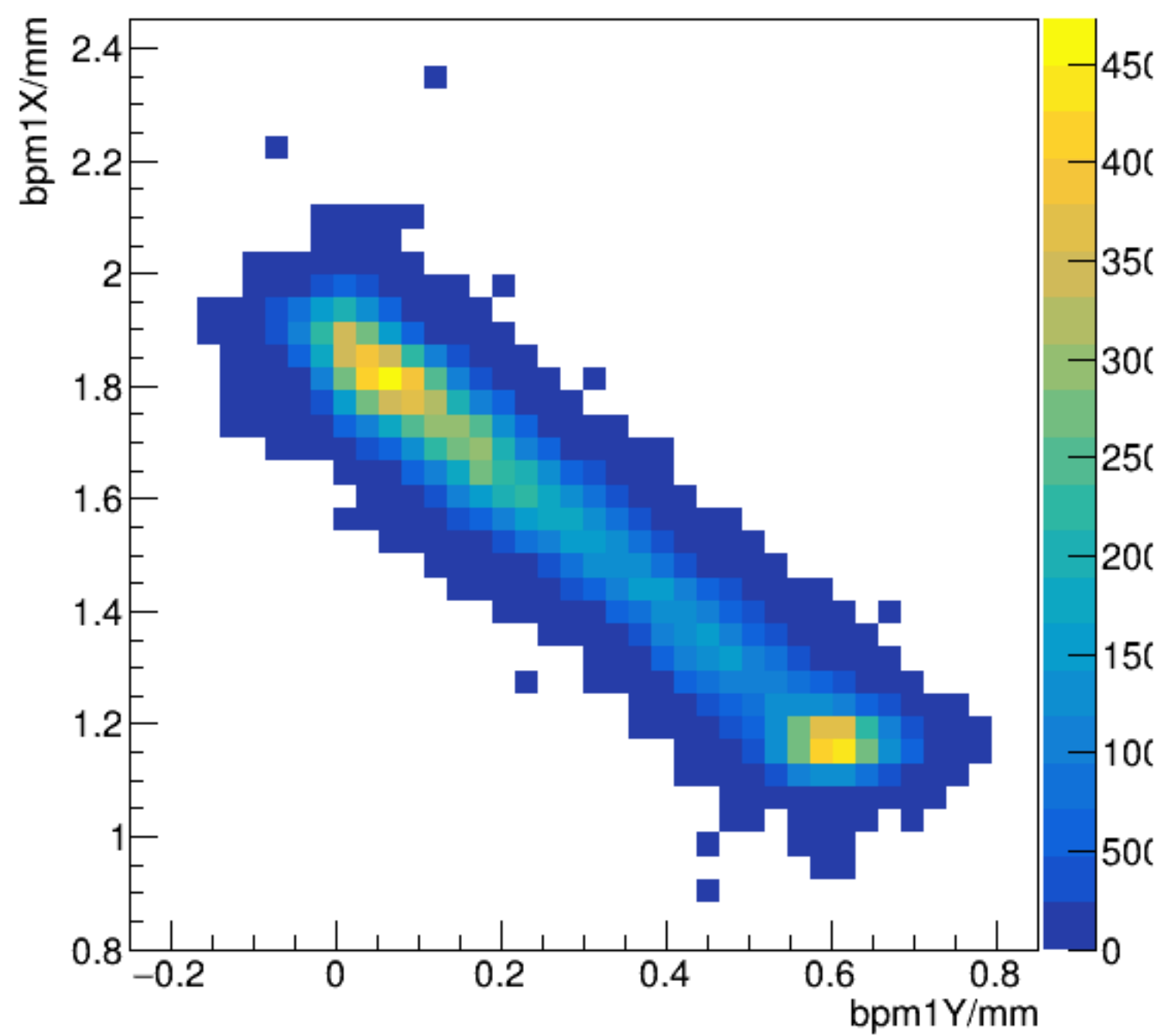
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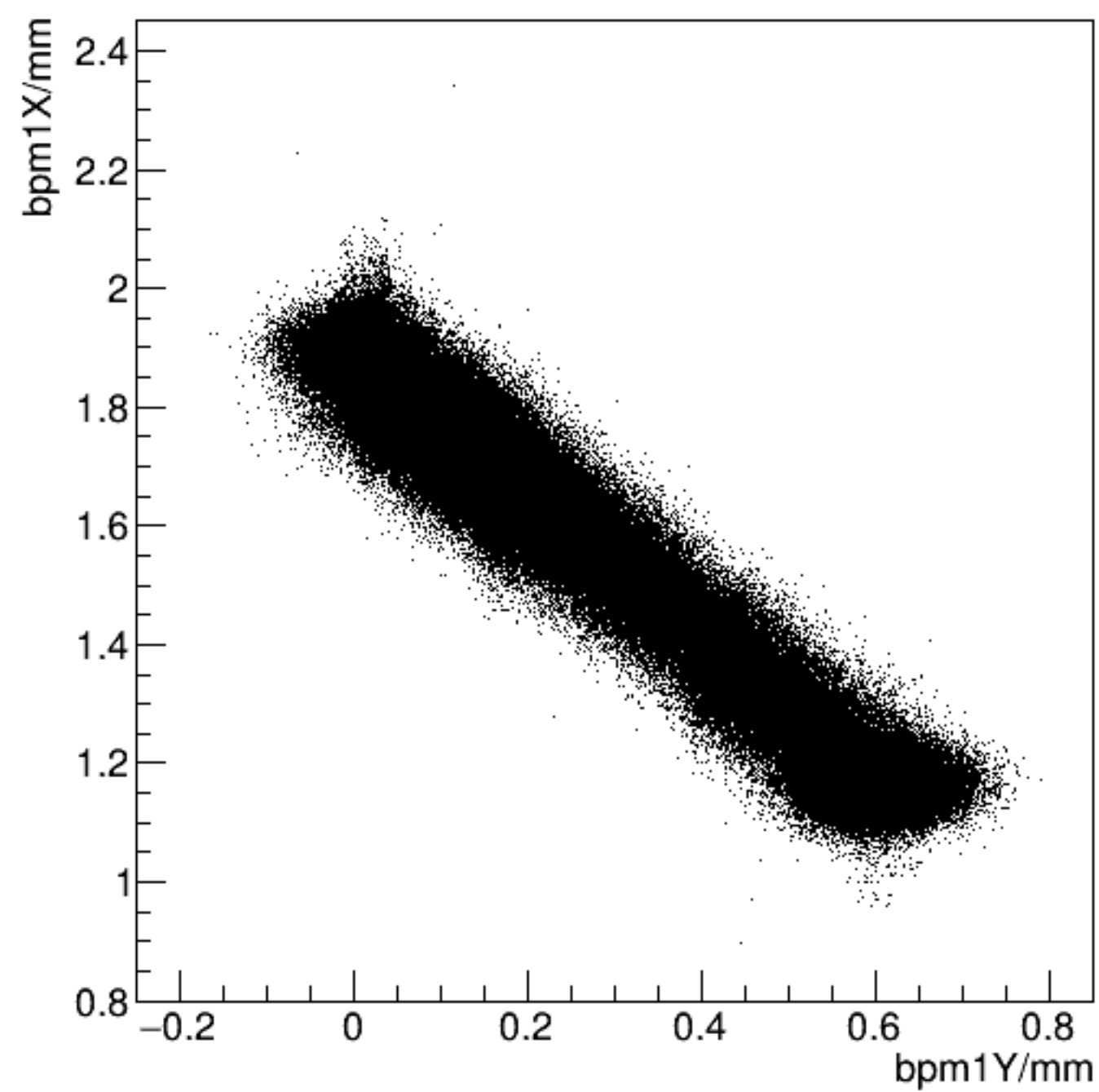
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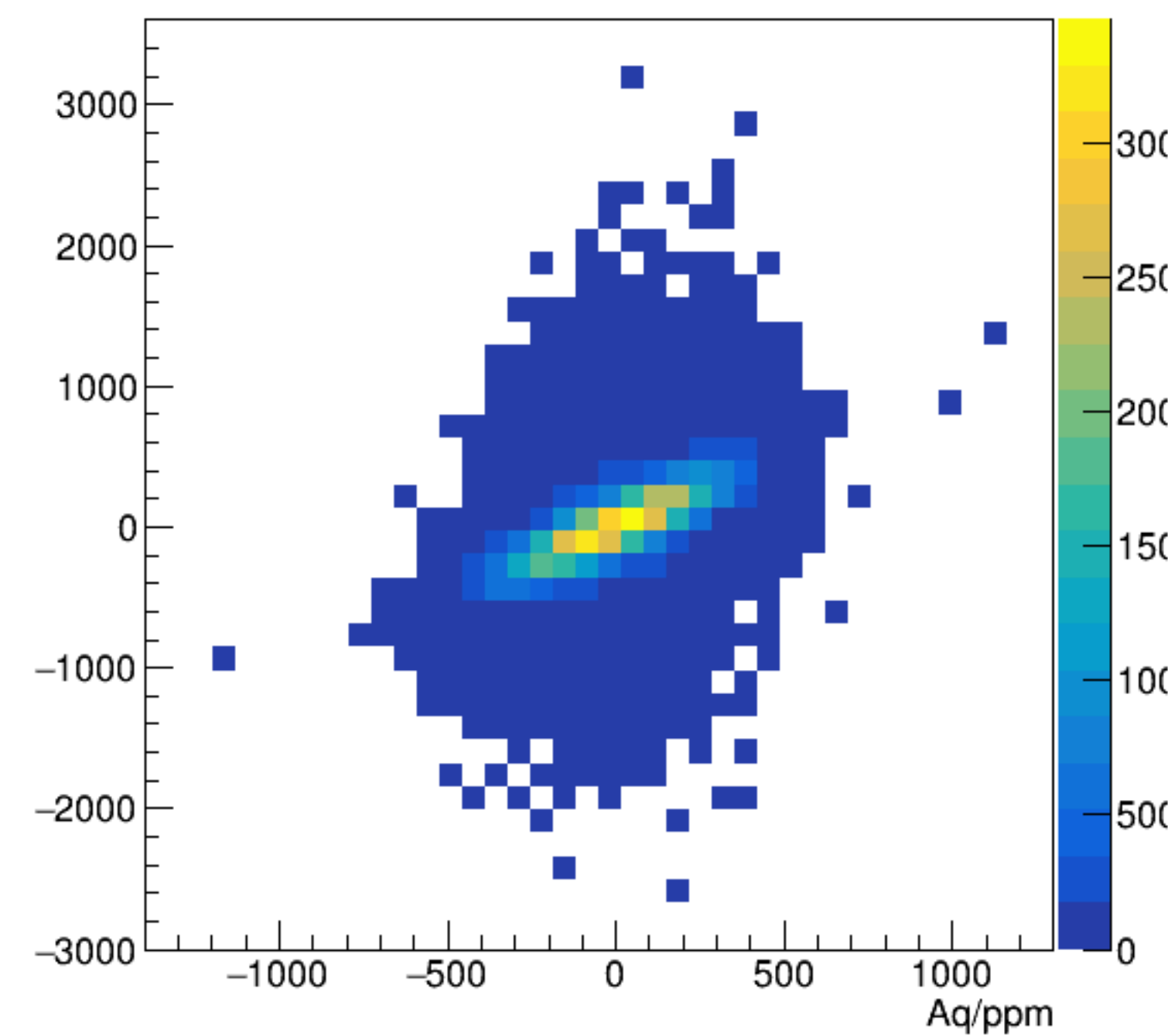
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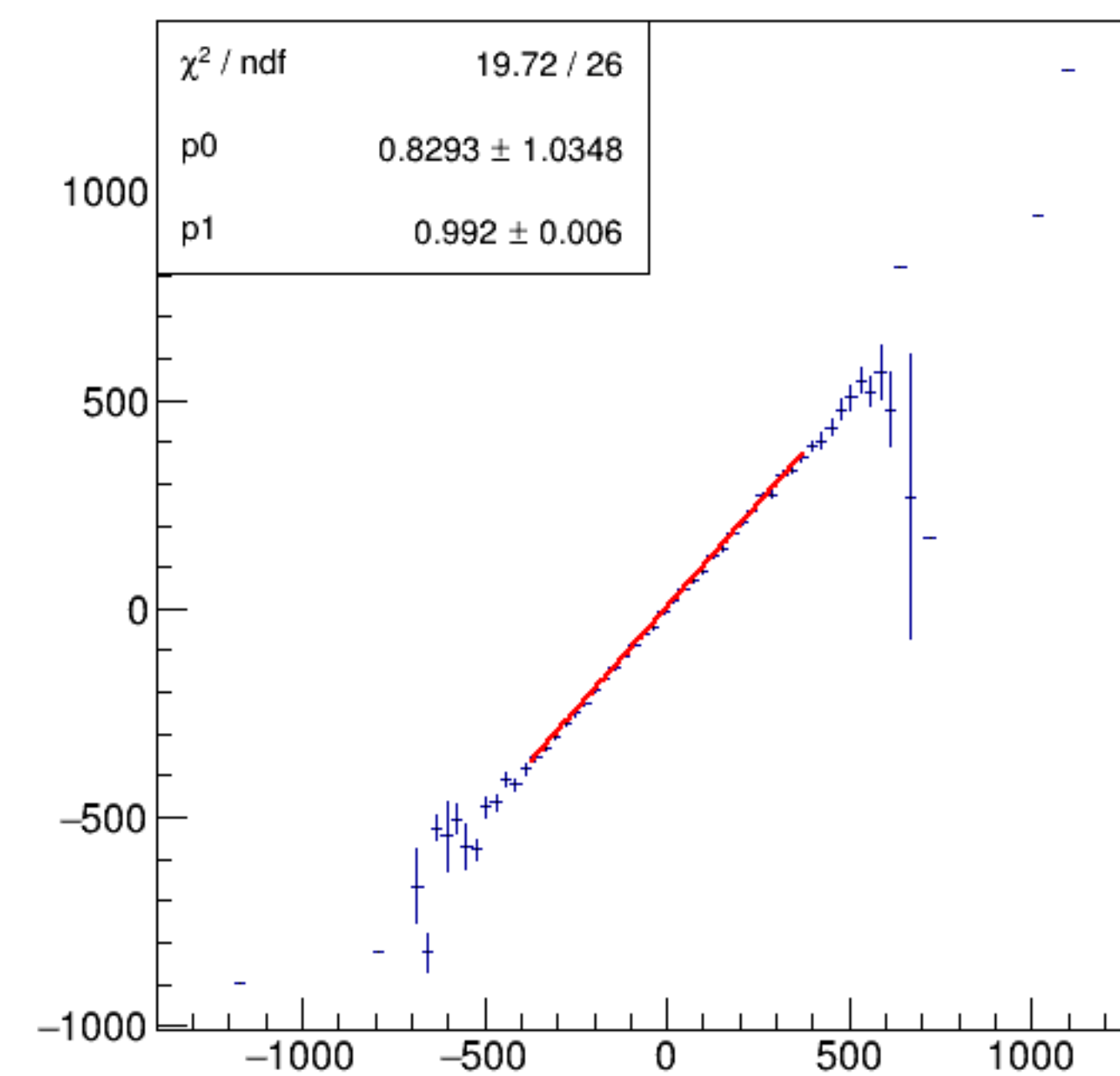
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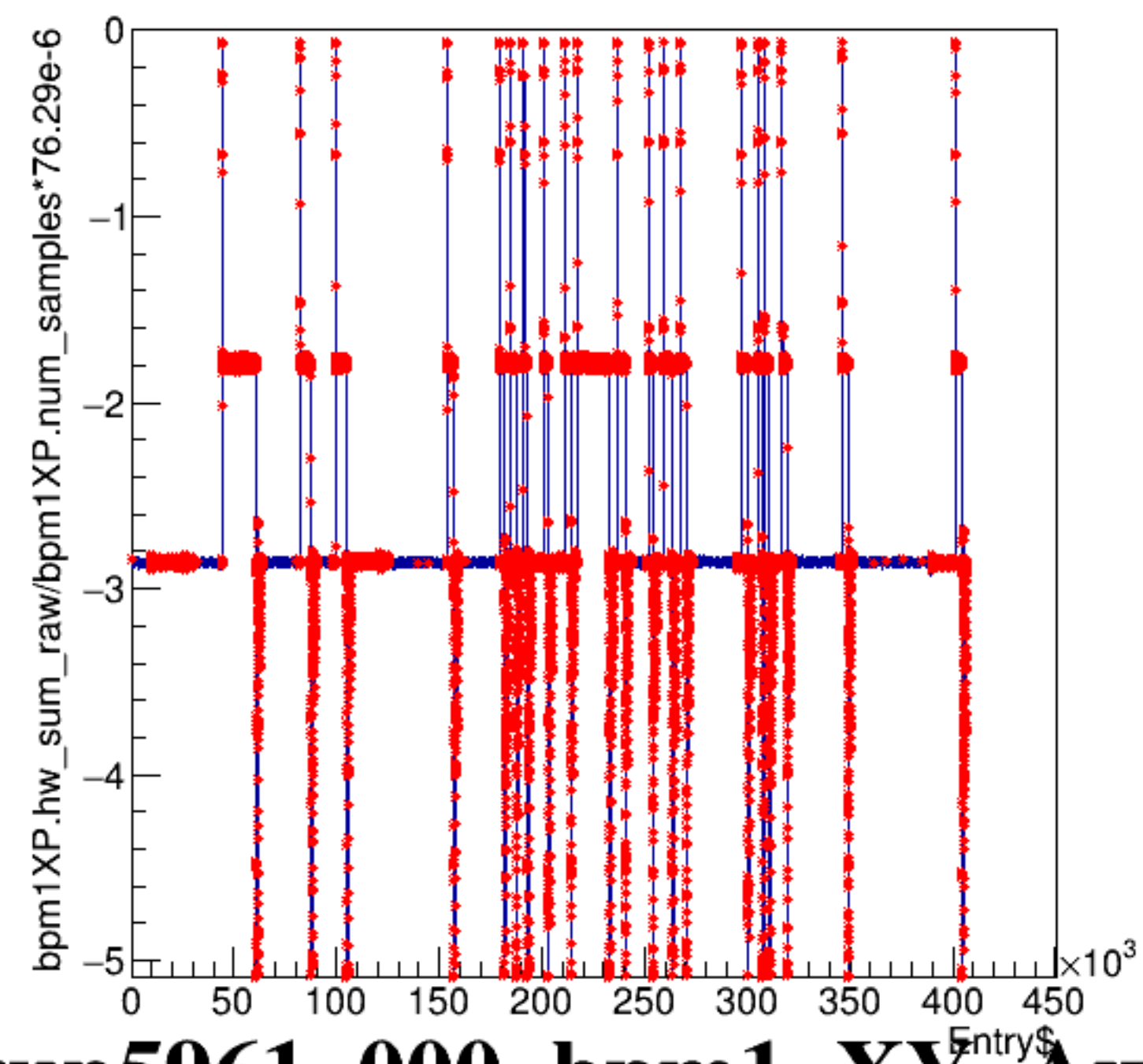
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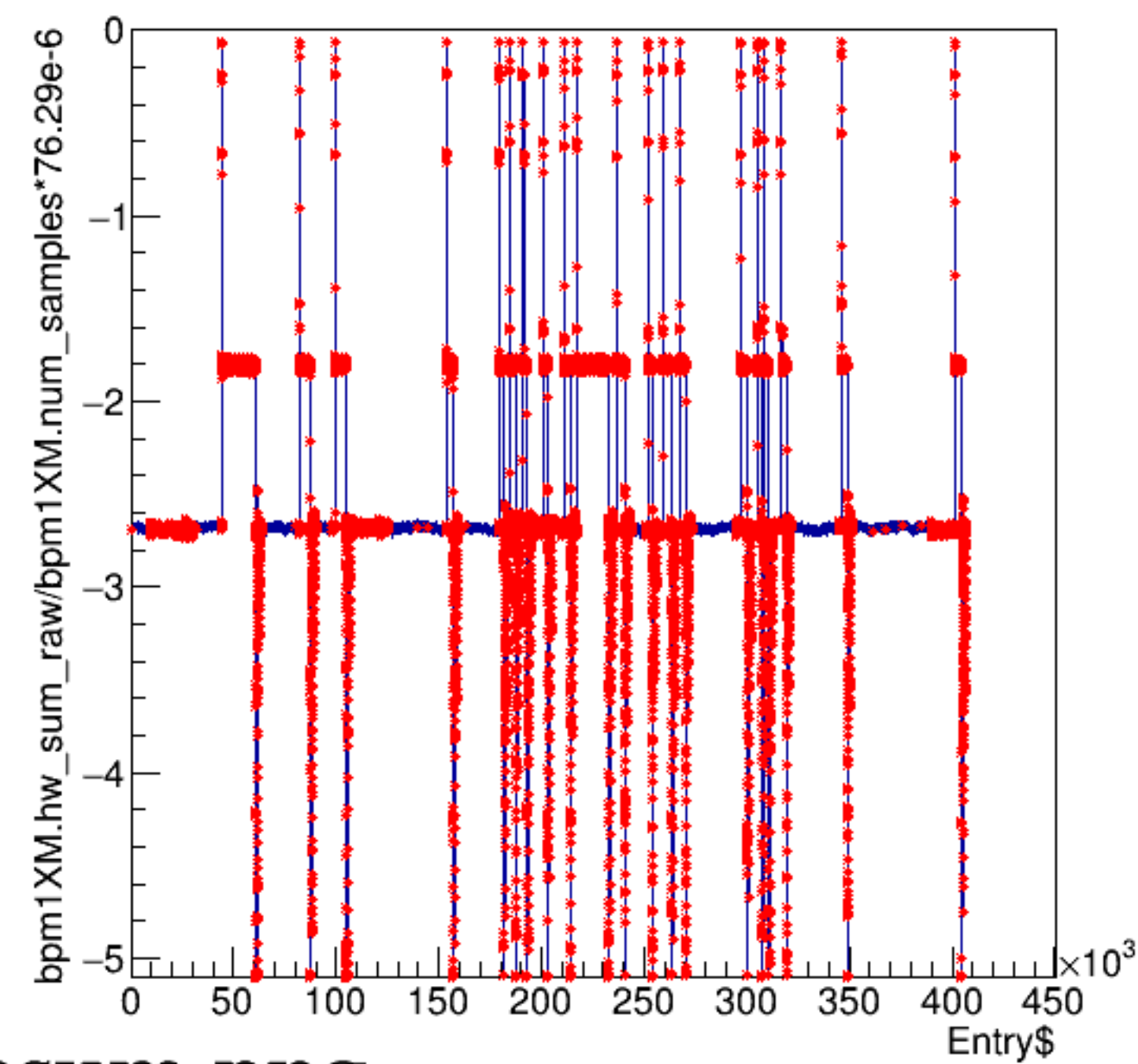
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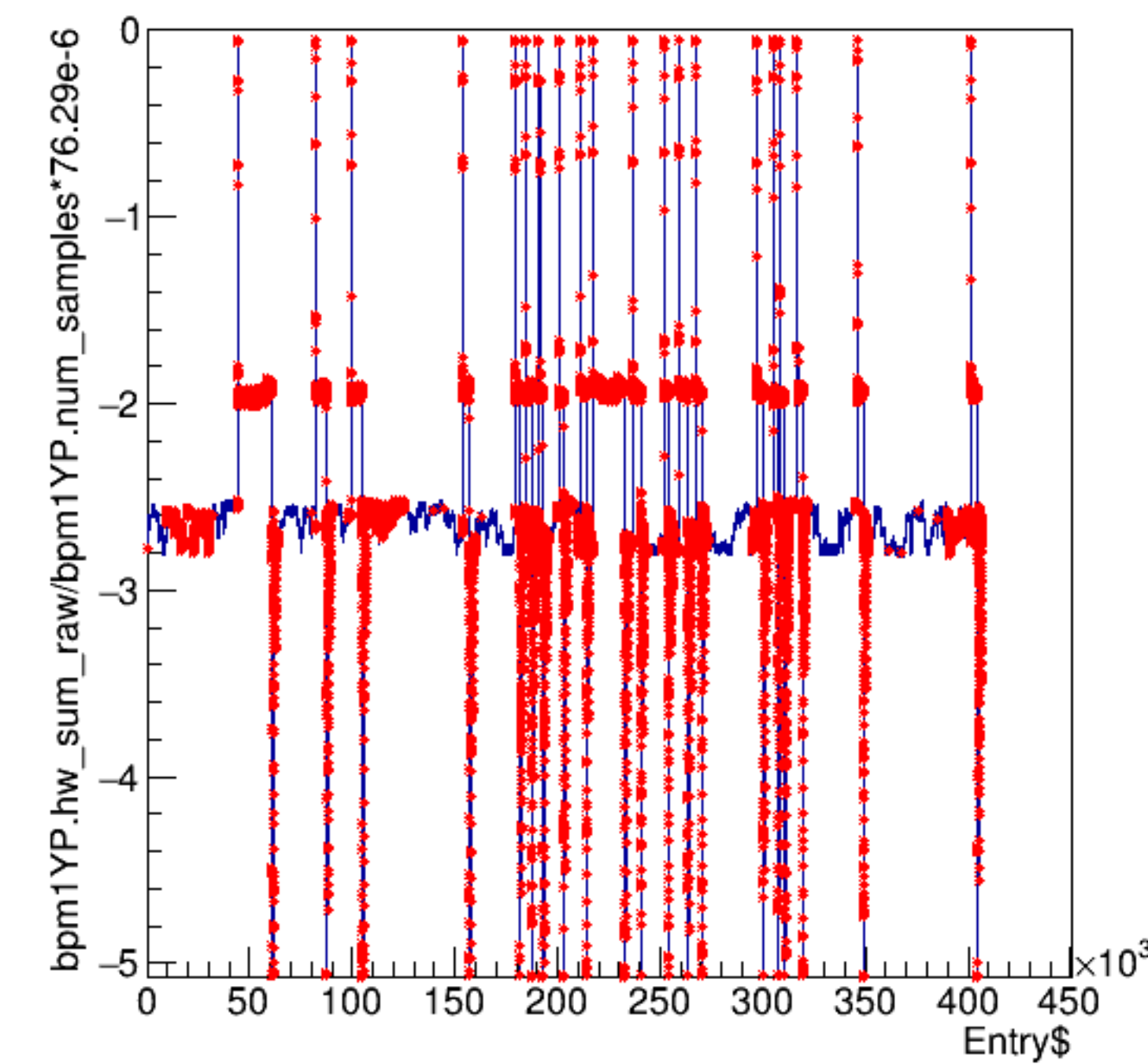
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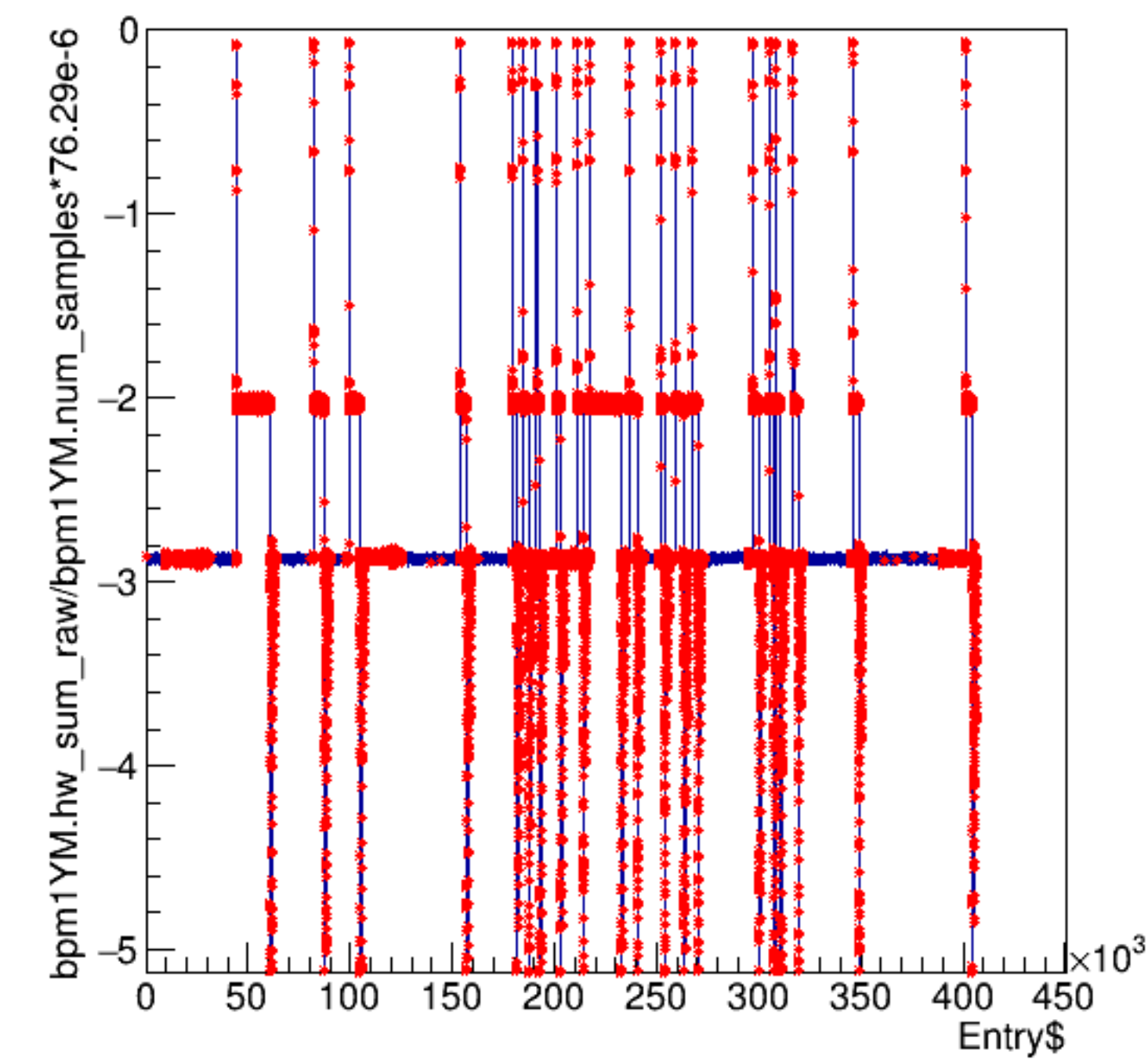
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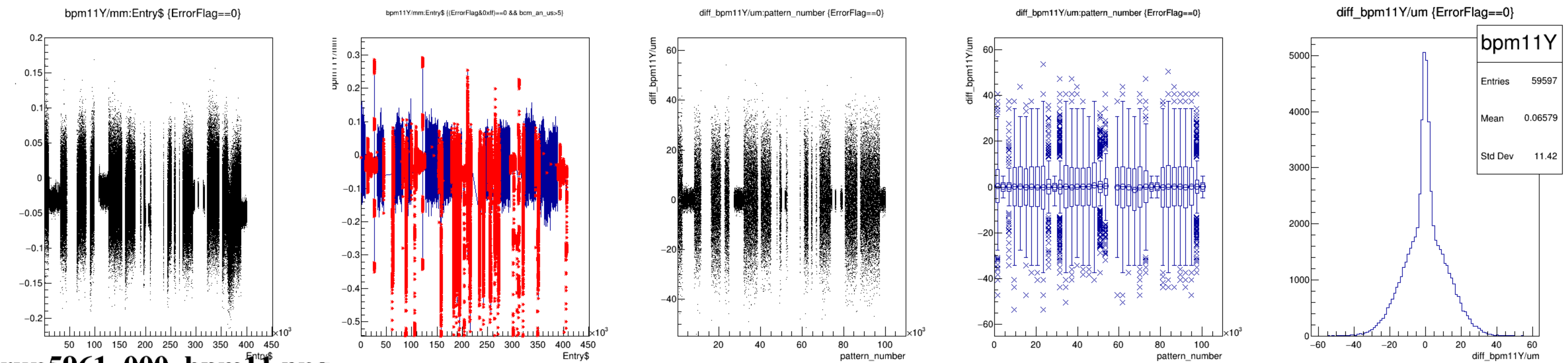
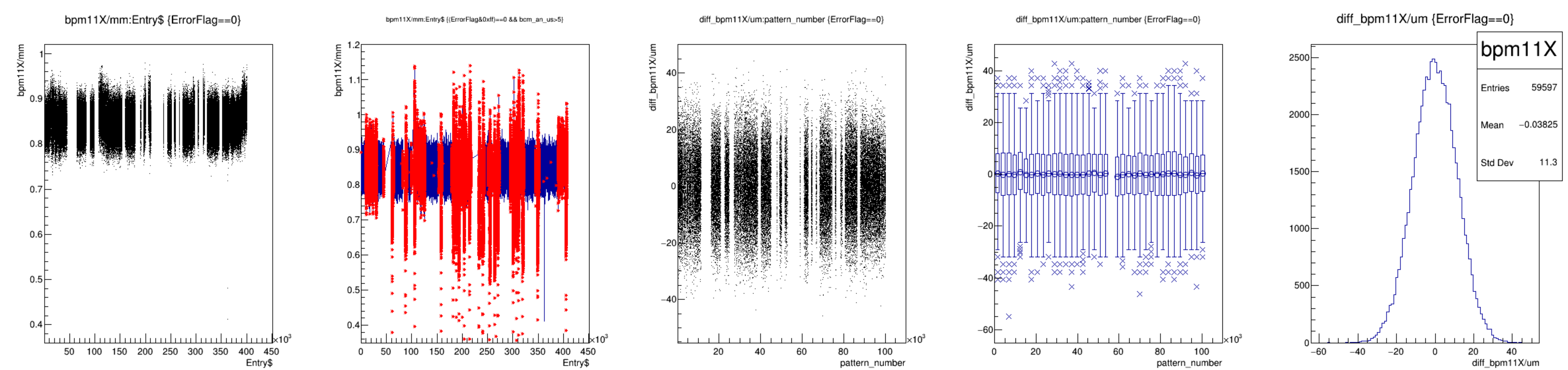


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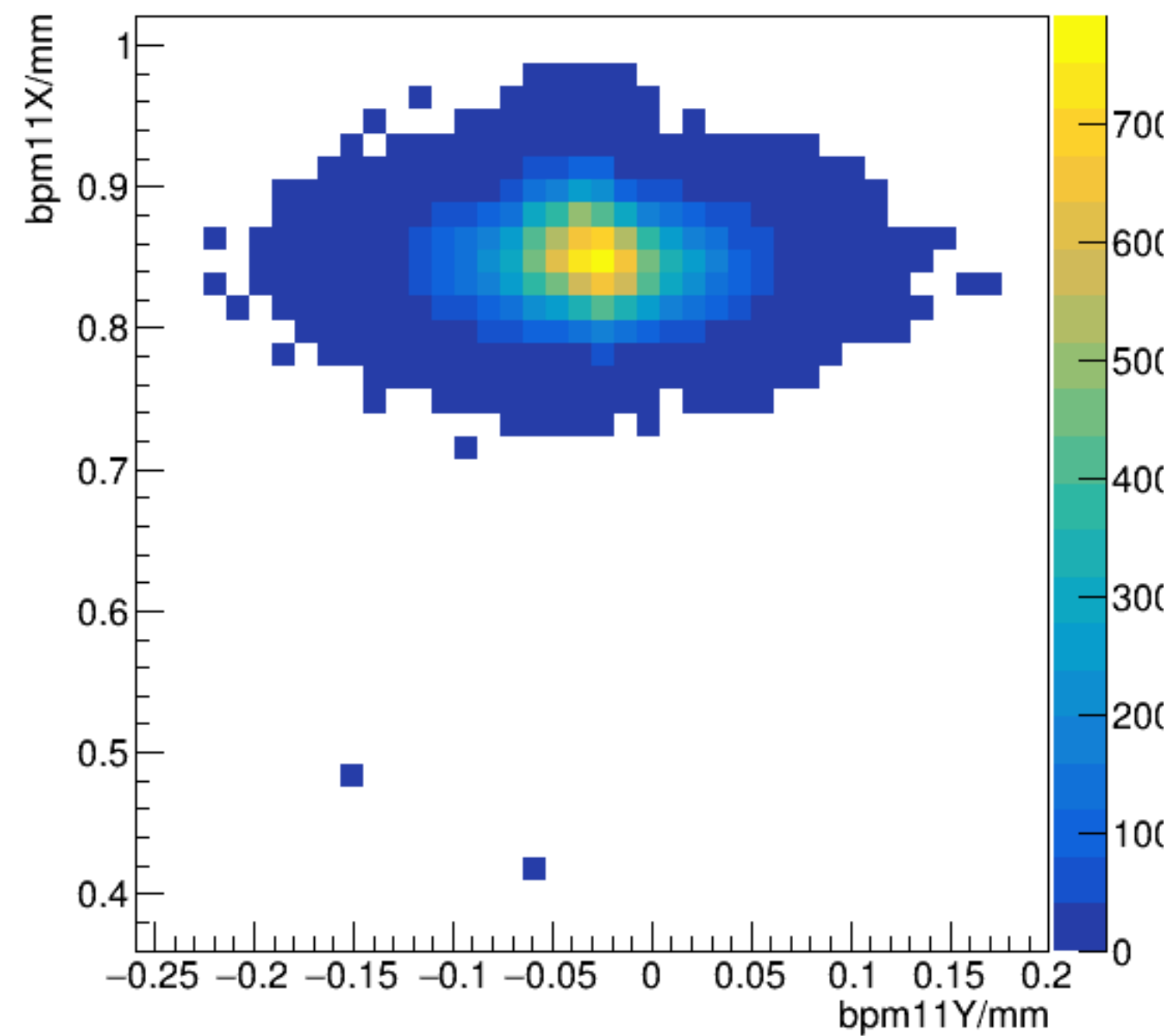


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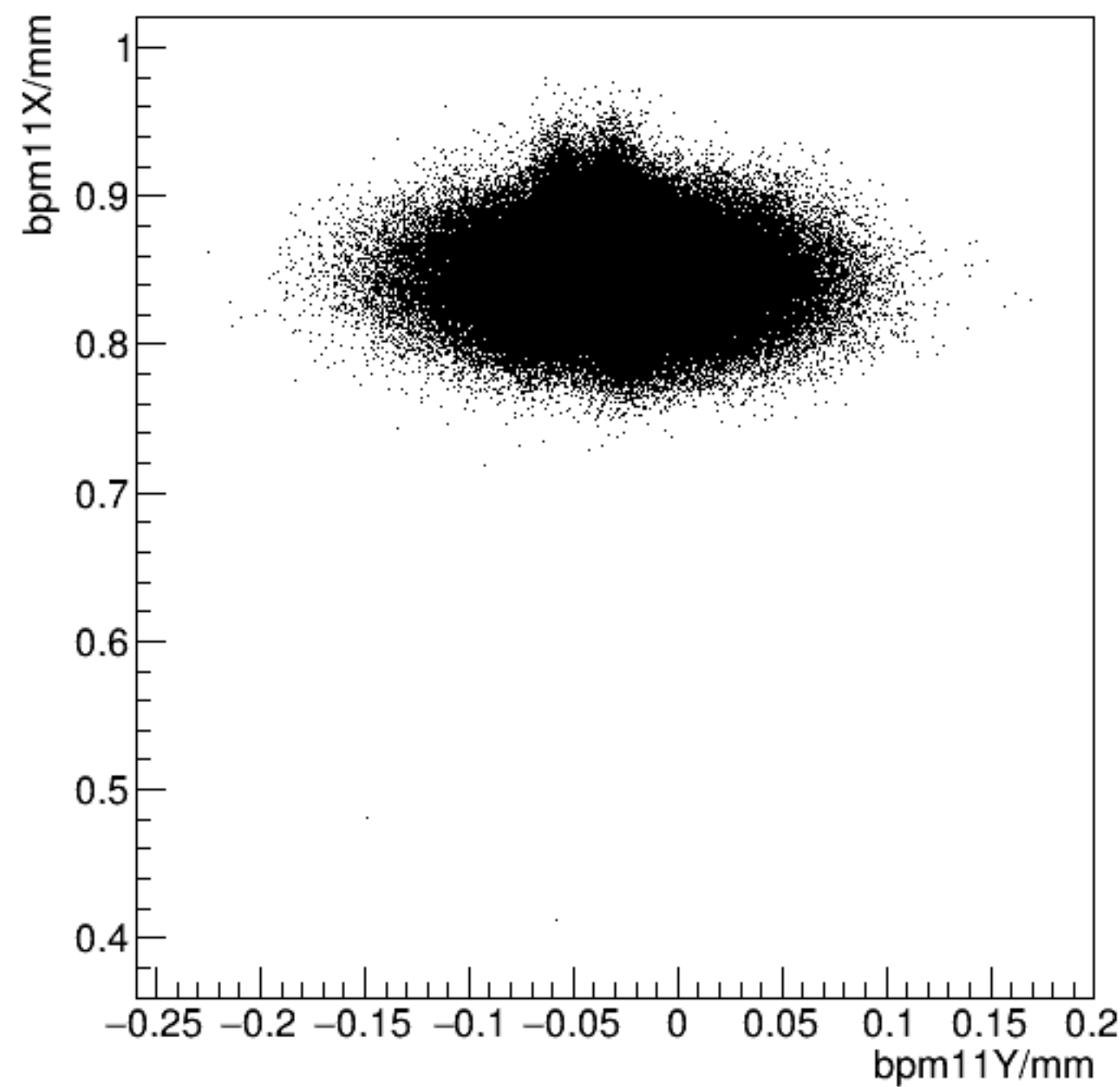




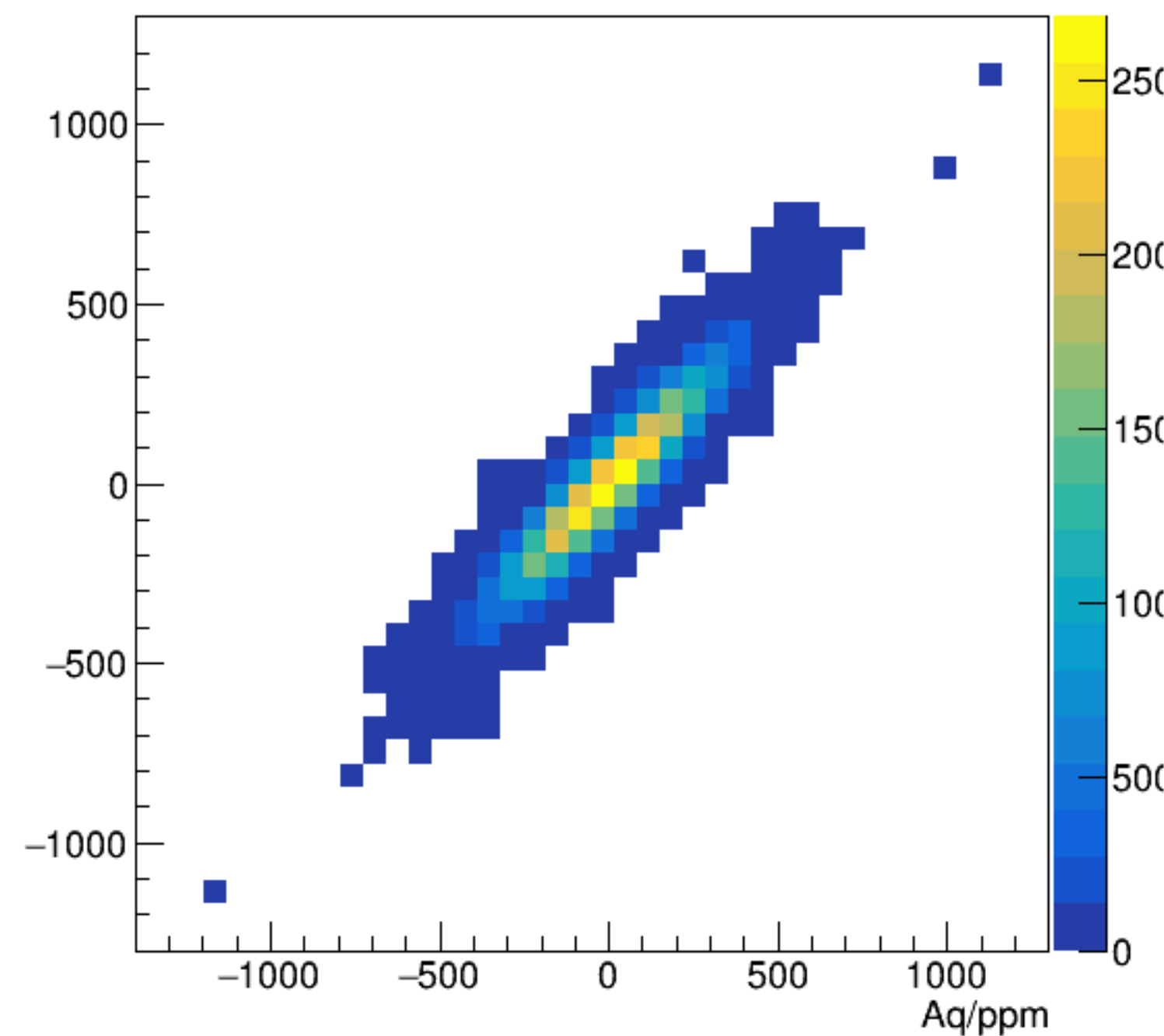
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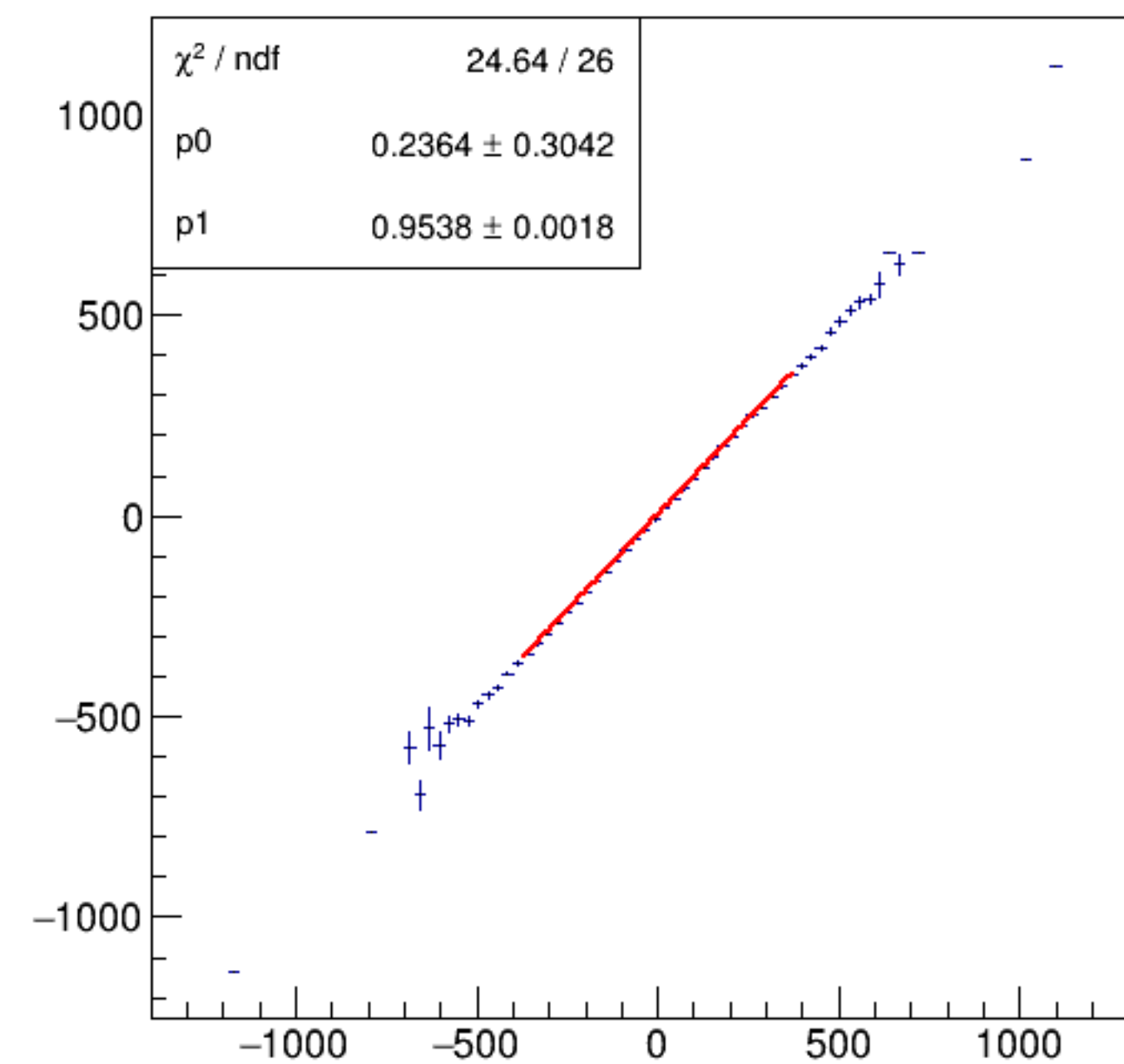
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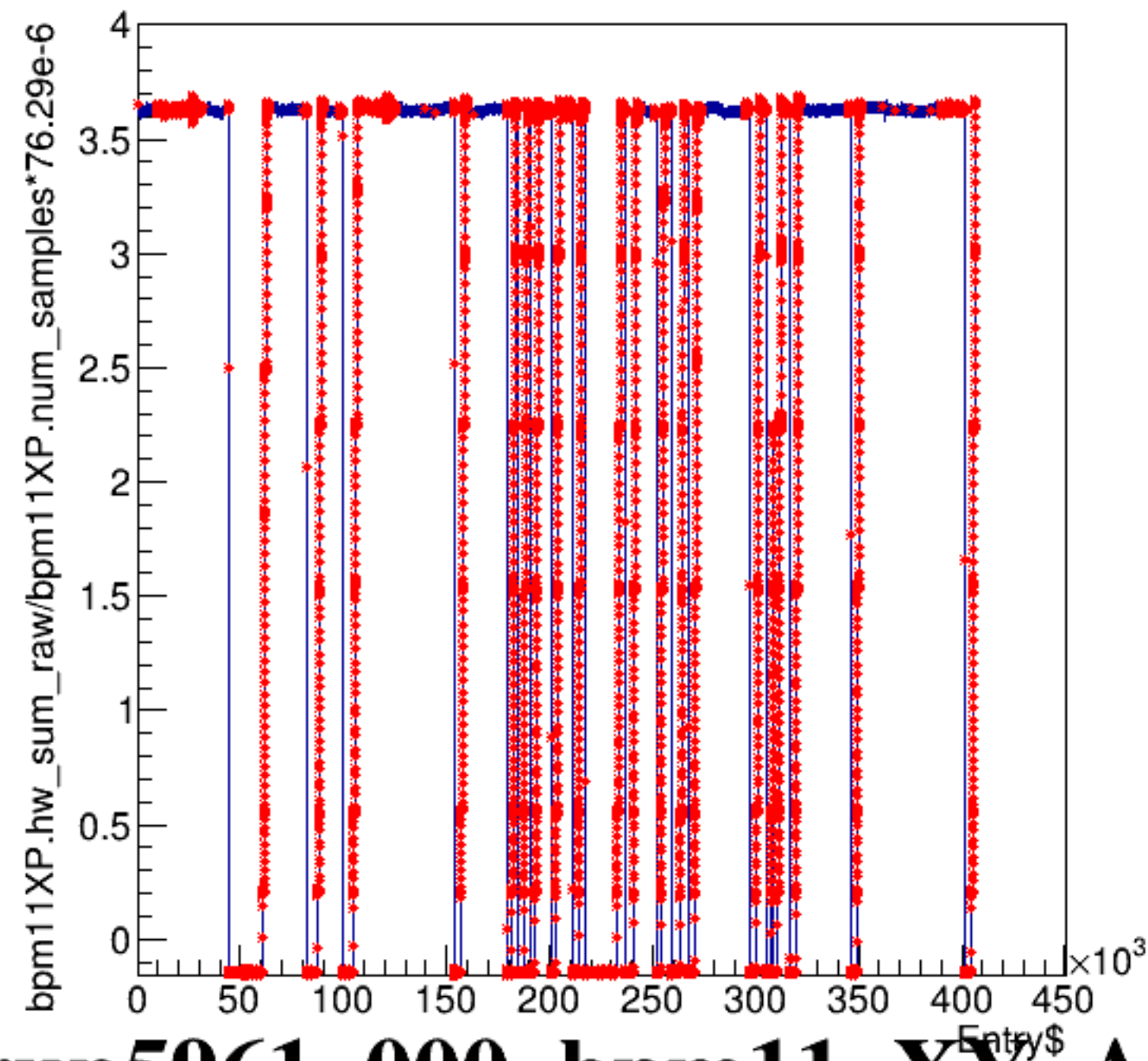
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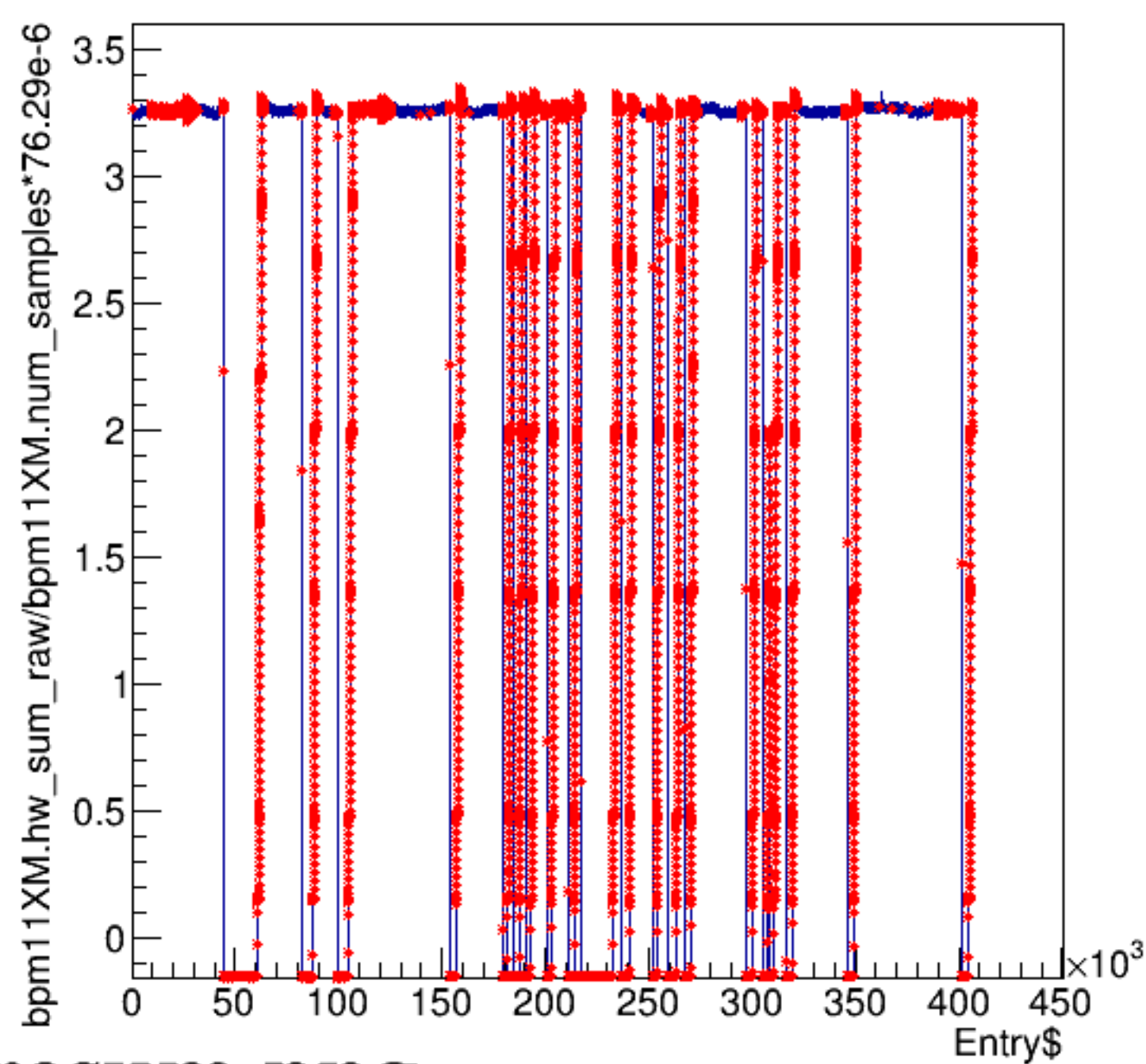
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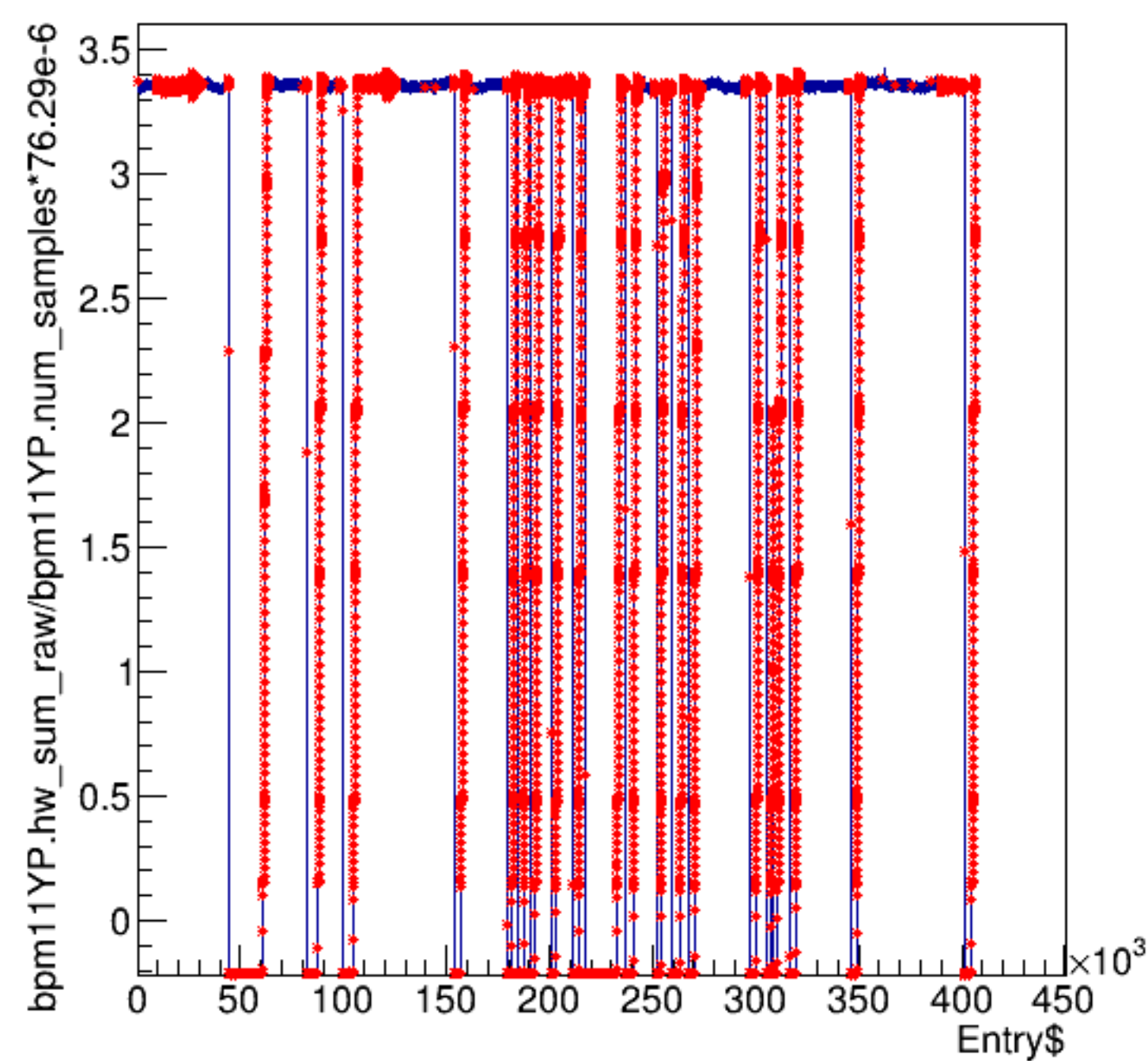
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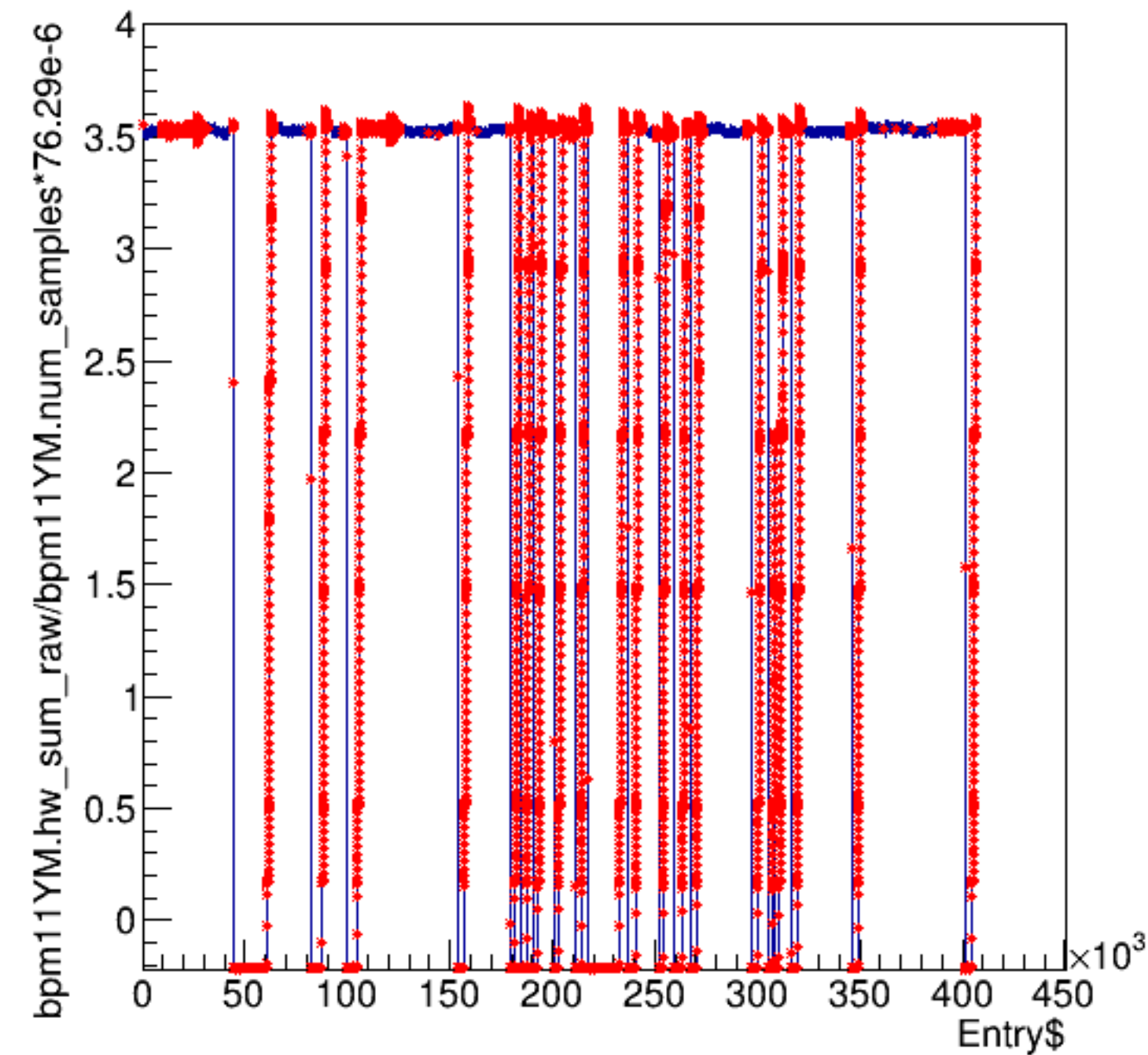
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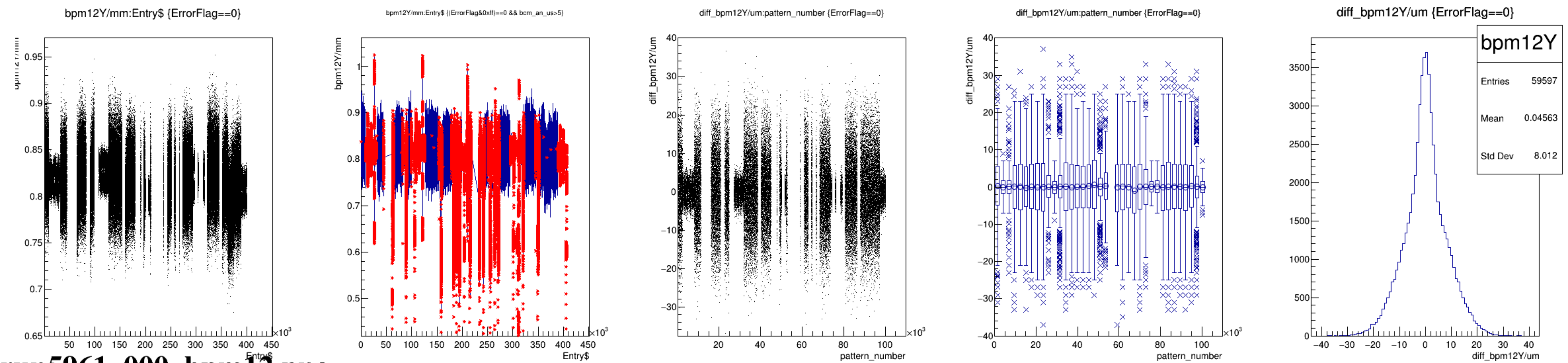
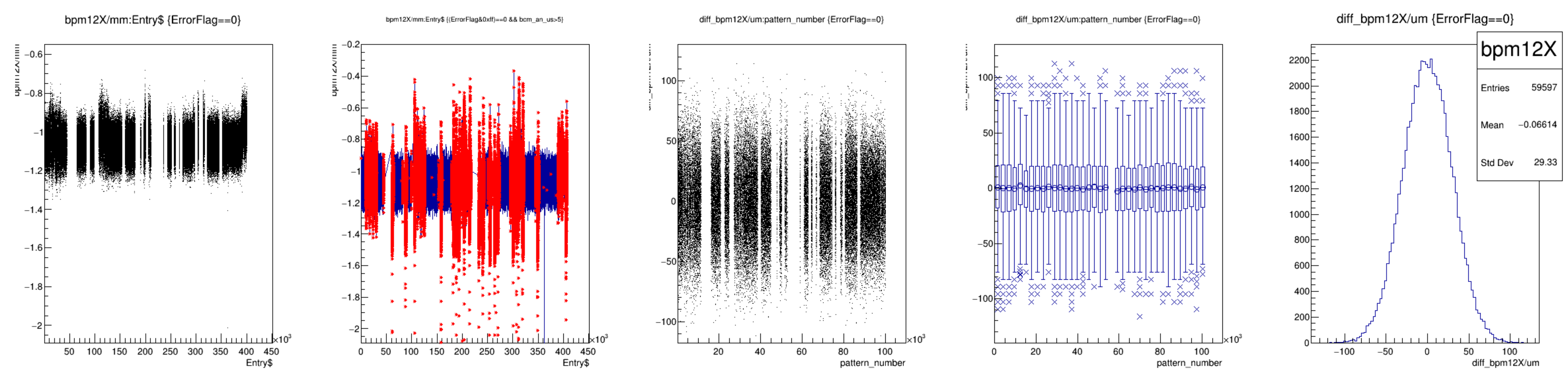


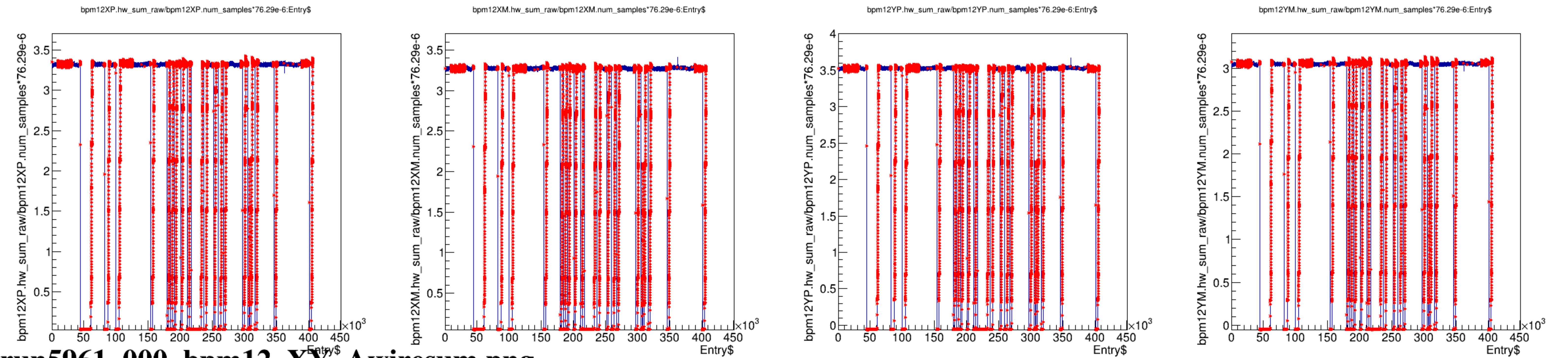
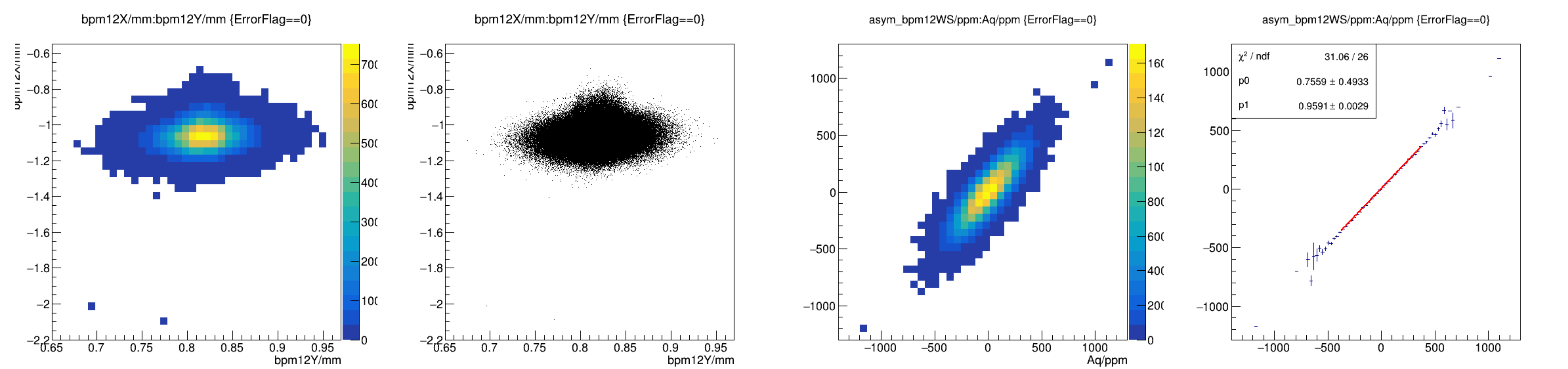
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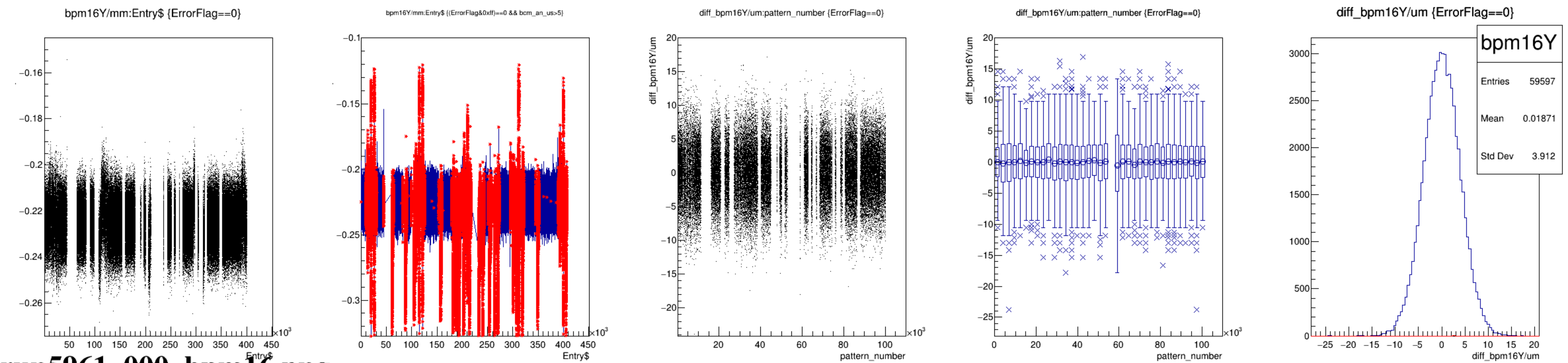
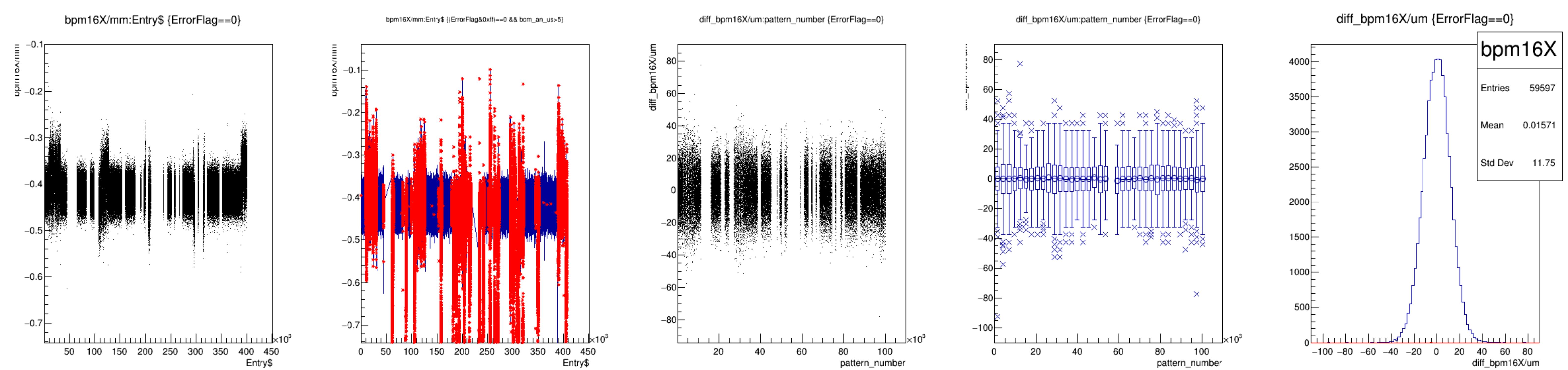


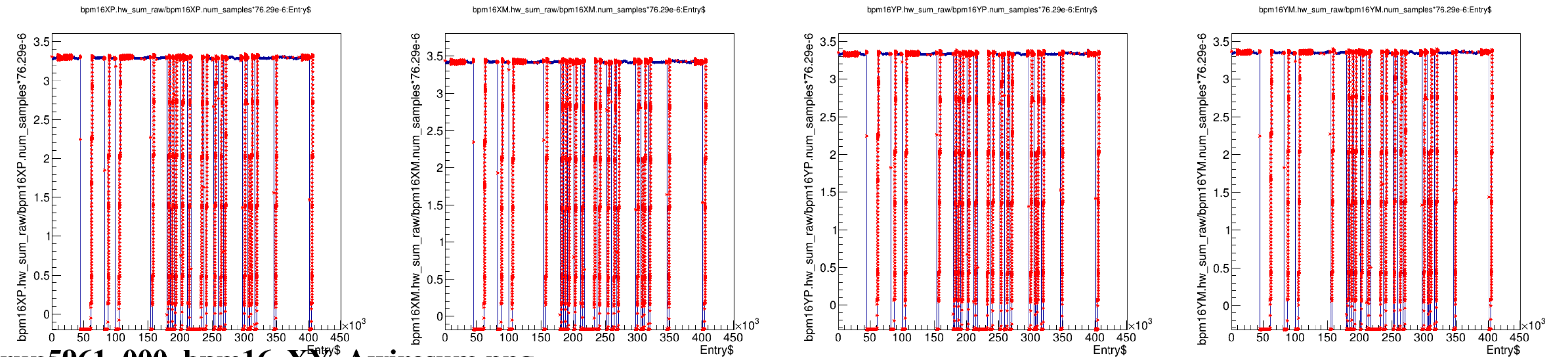
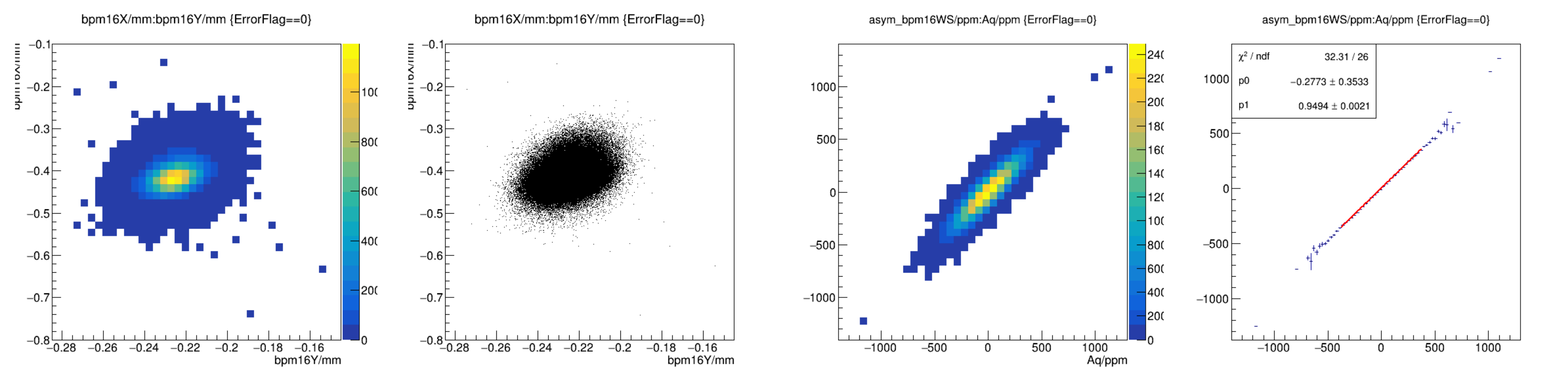
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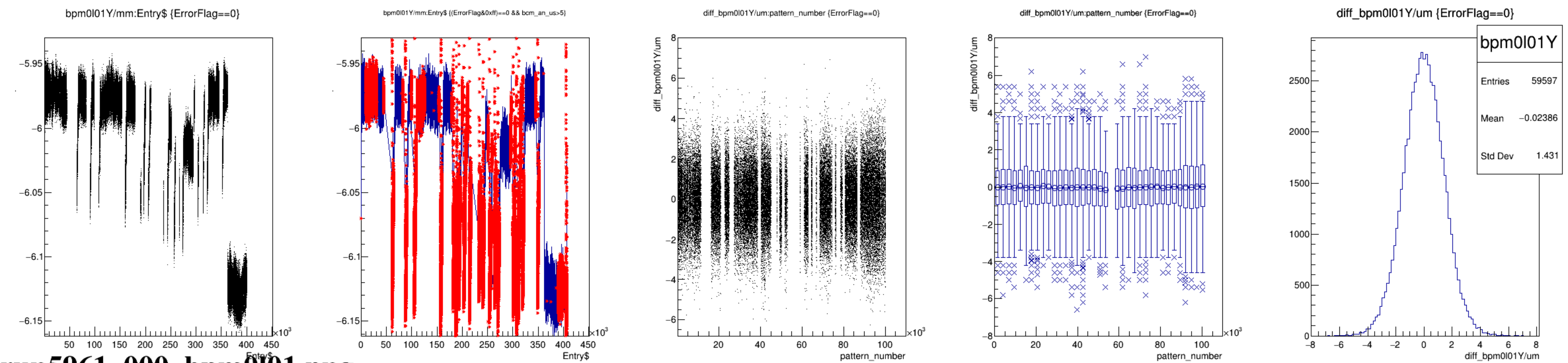
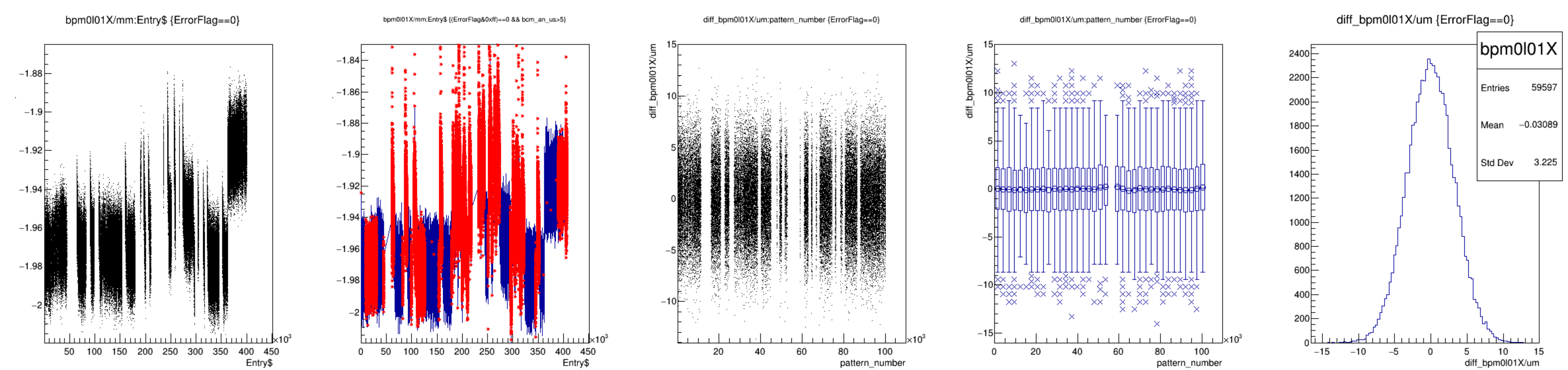




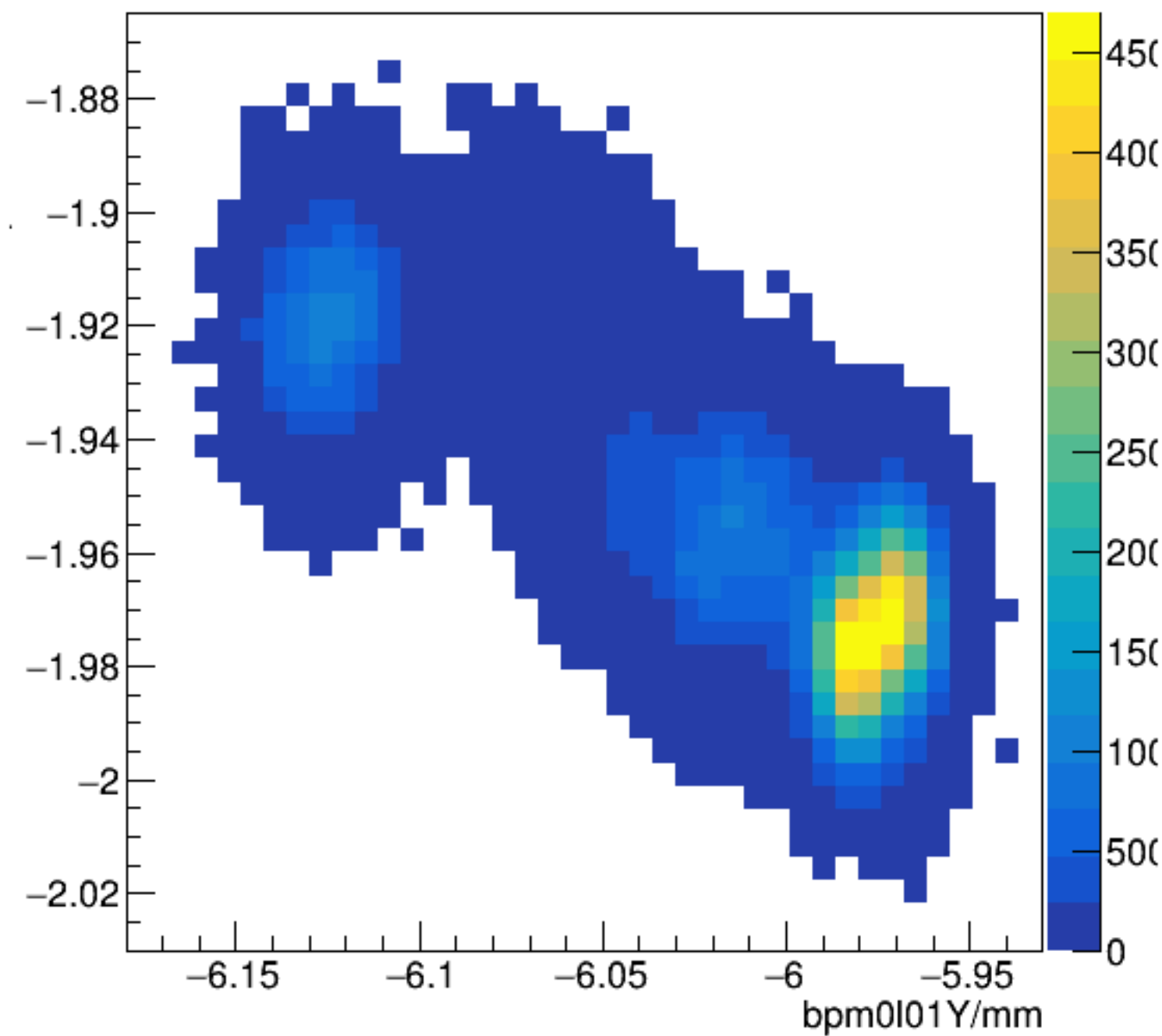




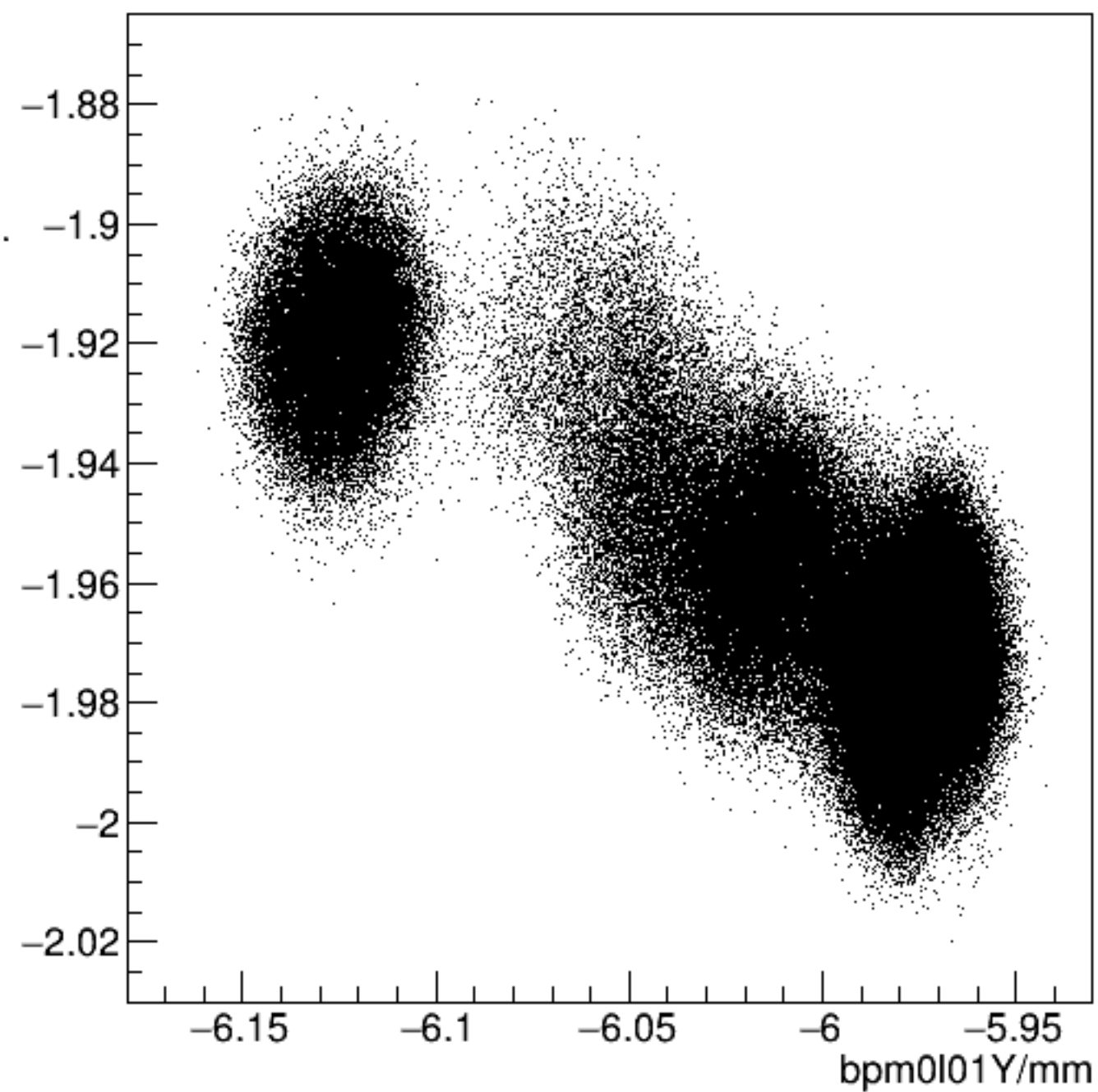
run5961_000 bpm16_XY_Awiresum.png



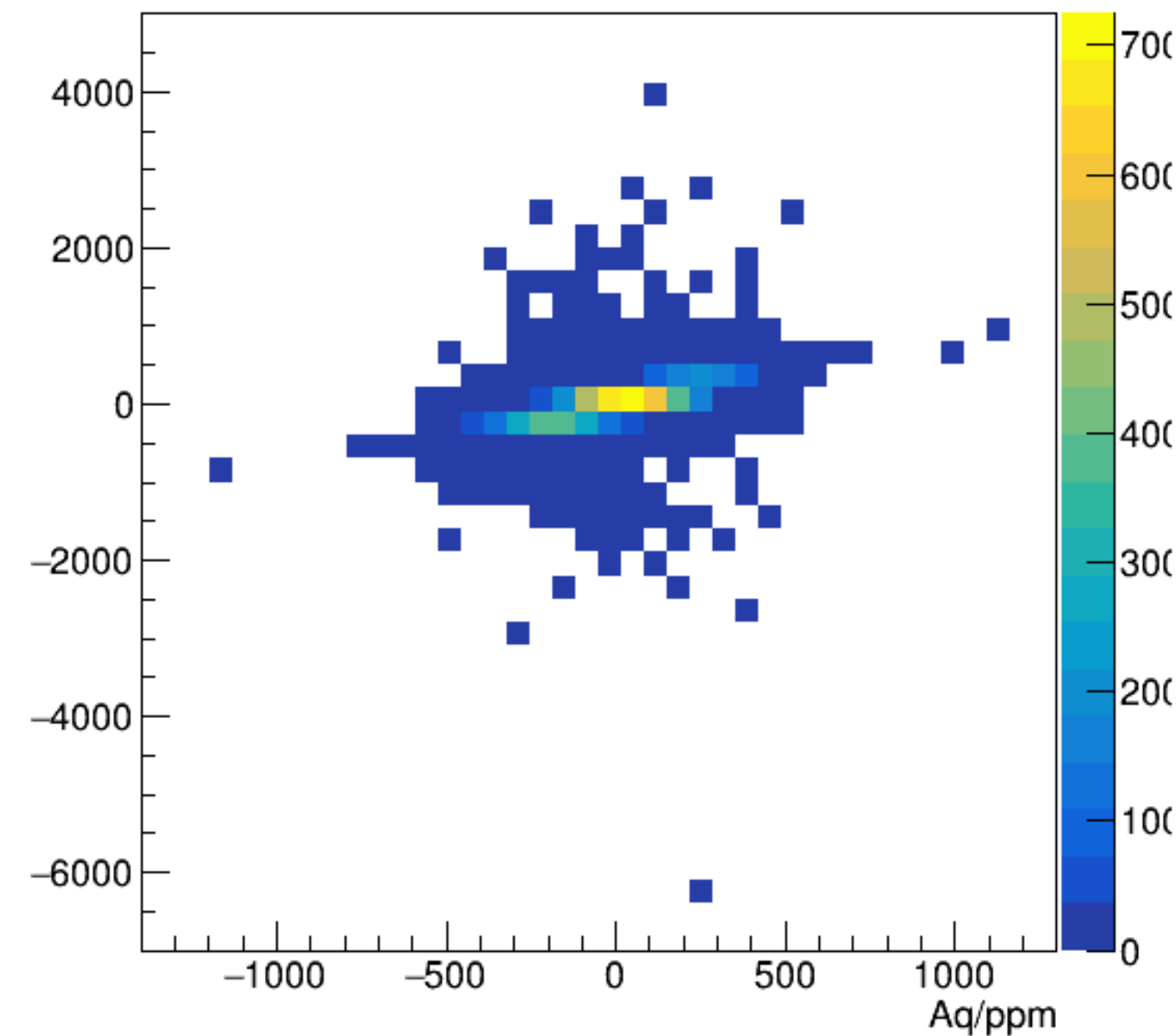
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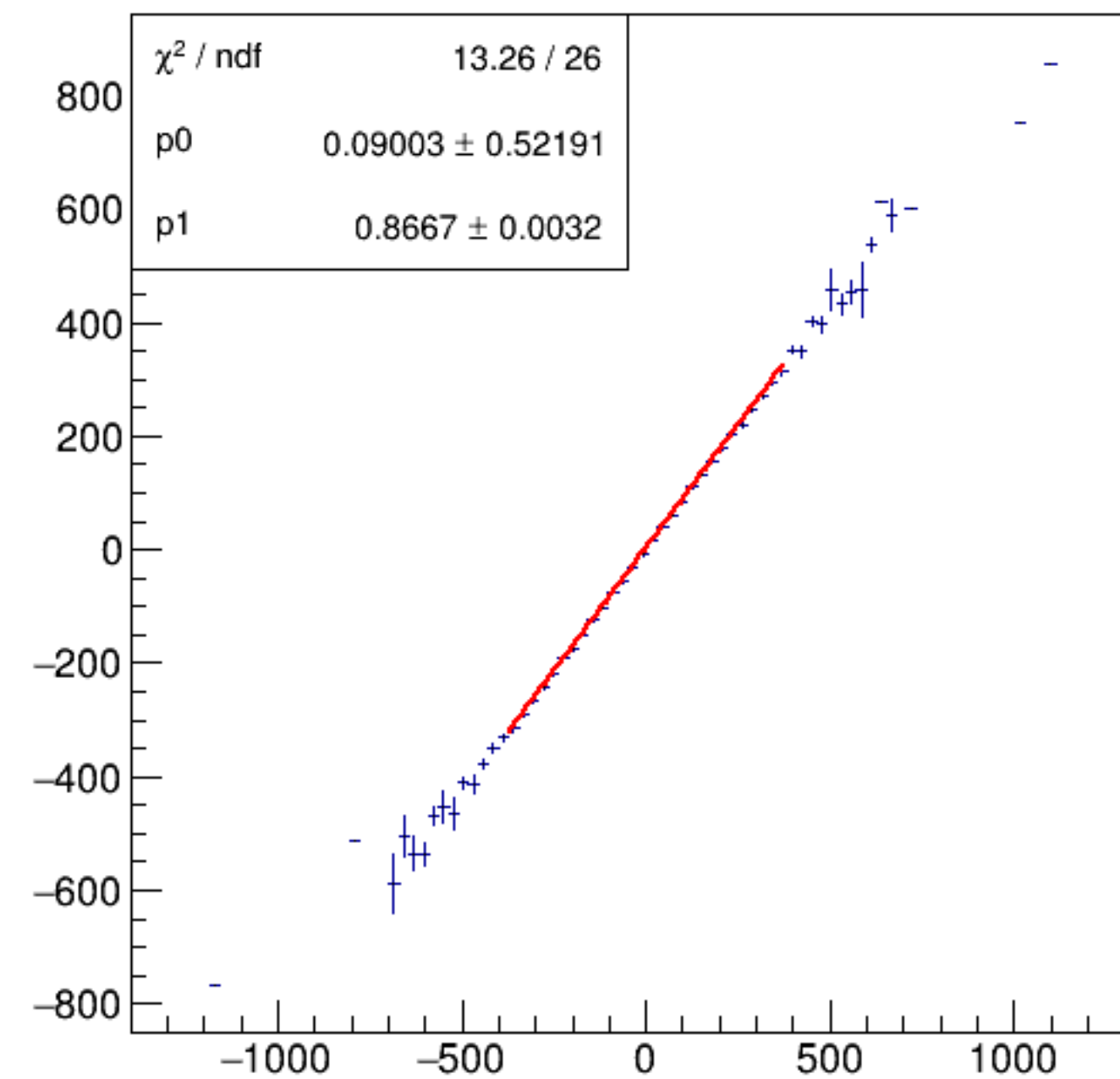
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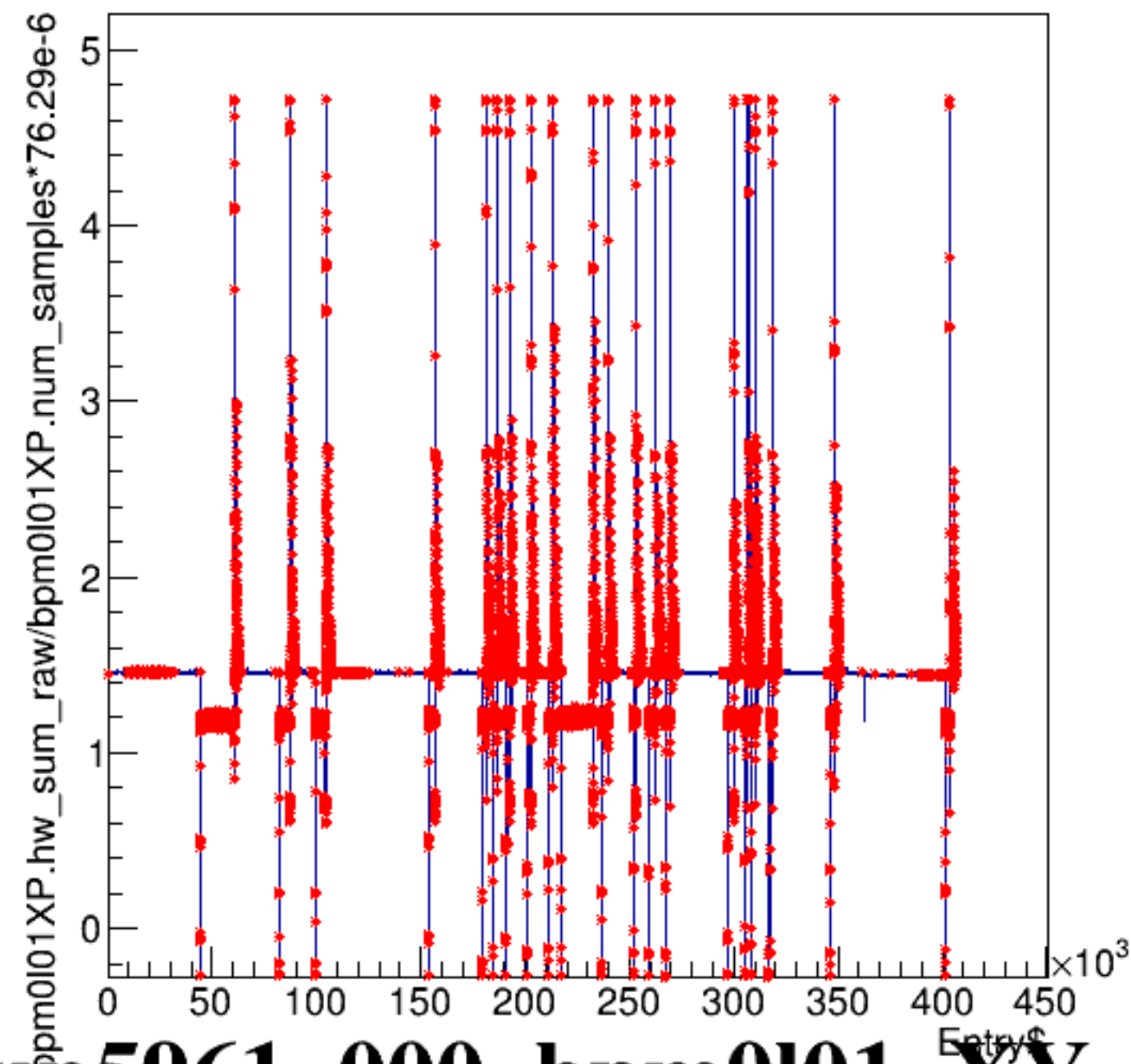
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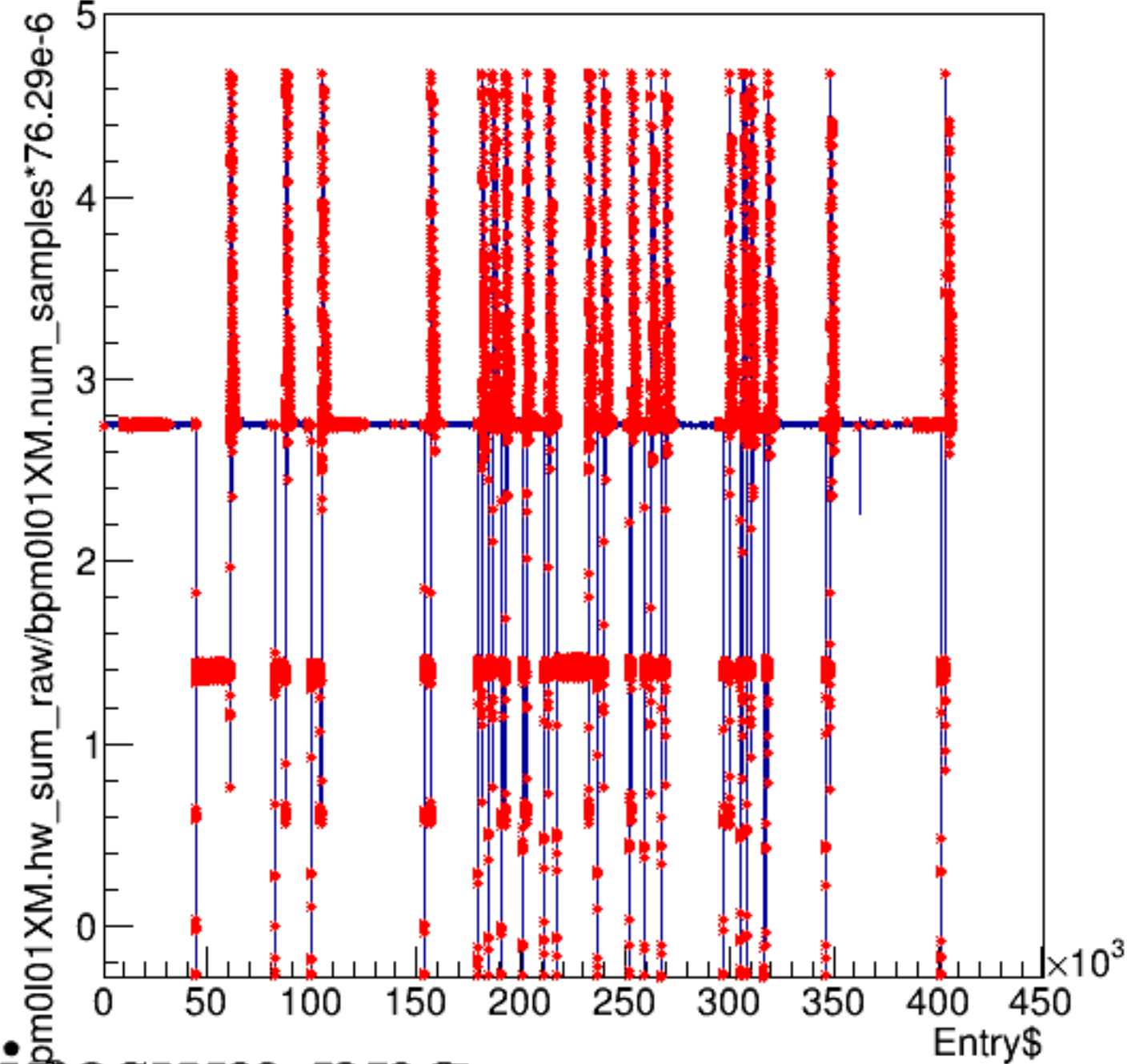
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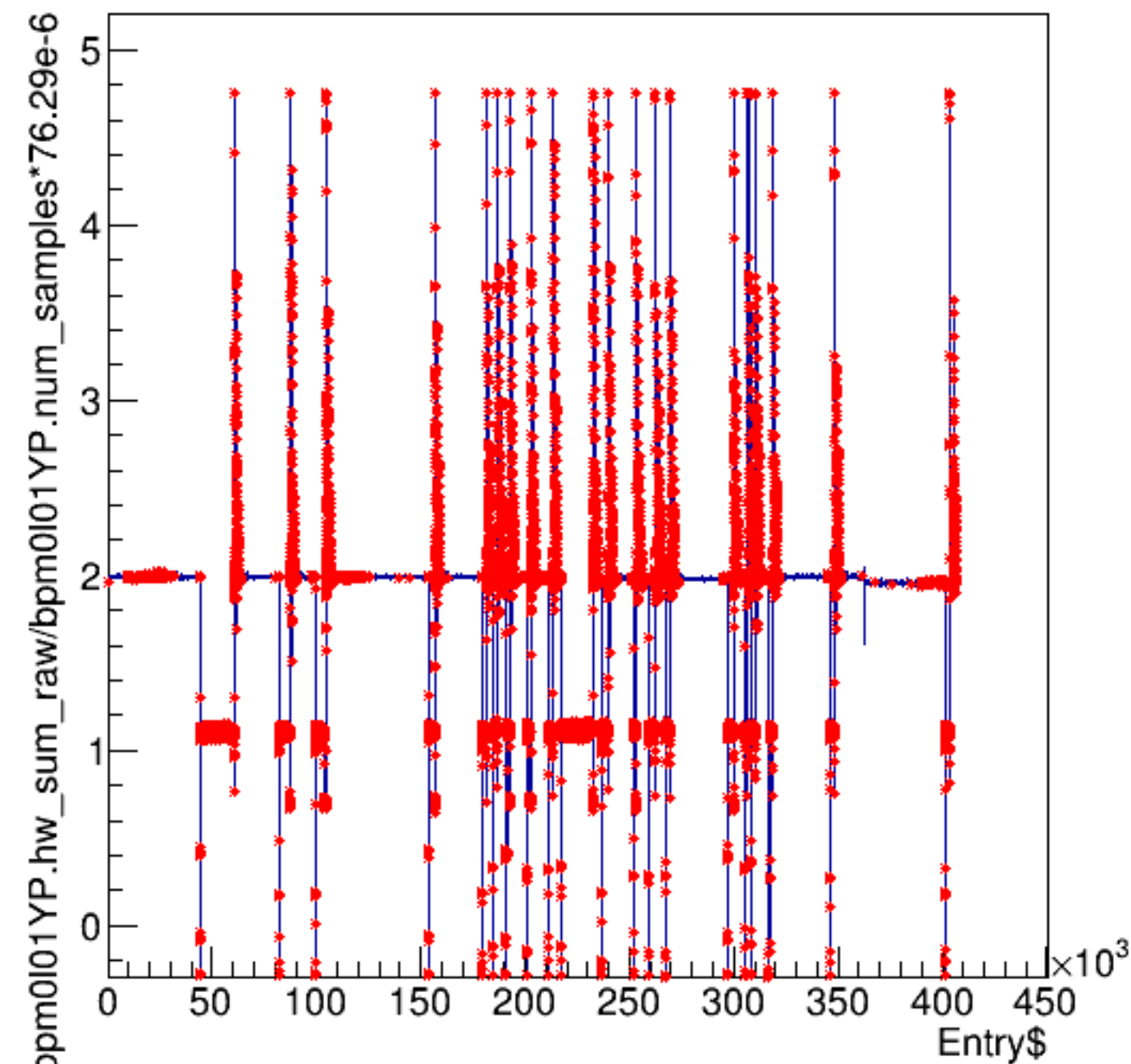
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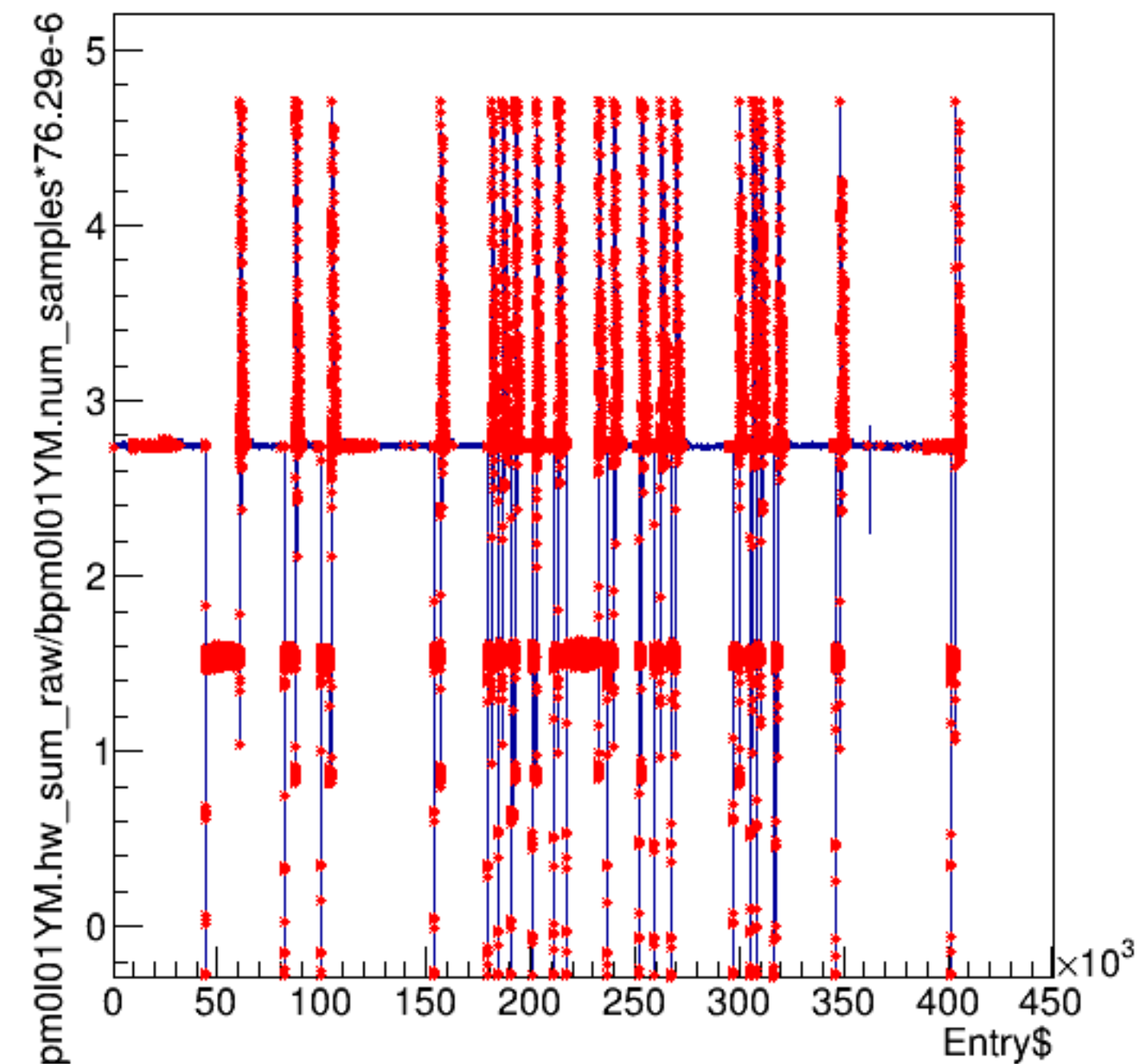
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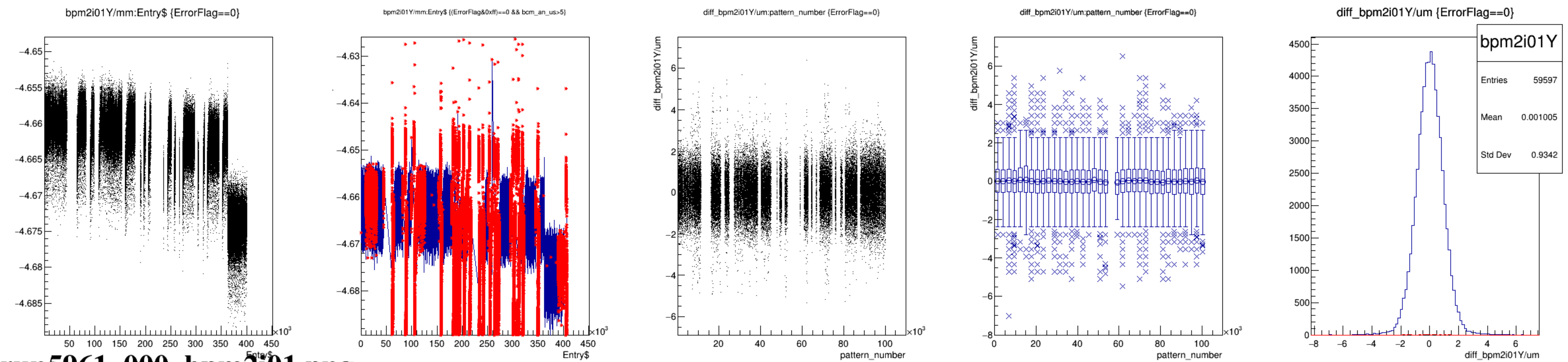
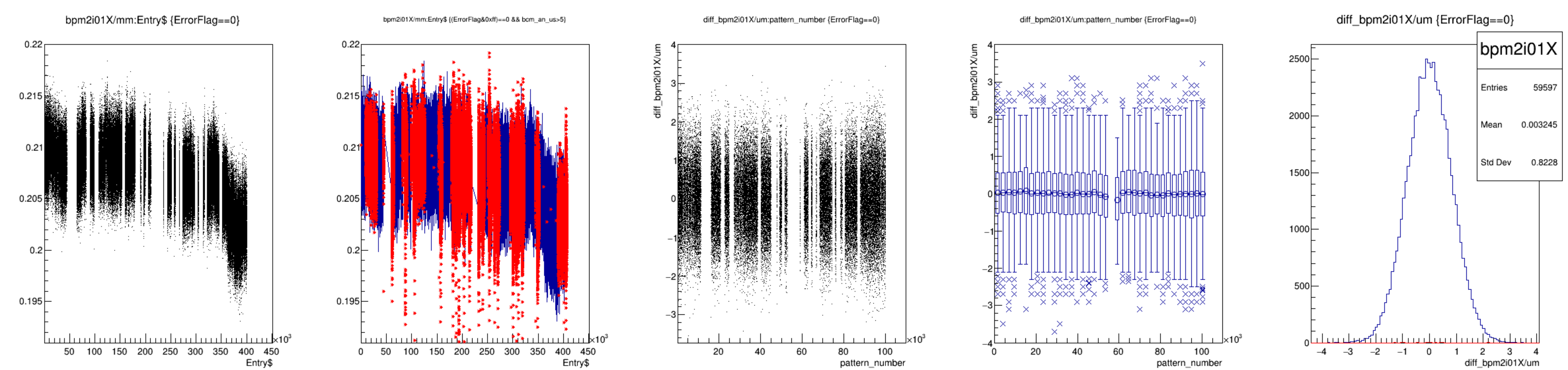


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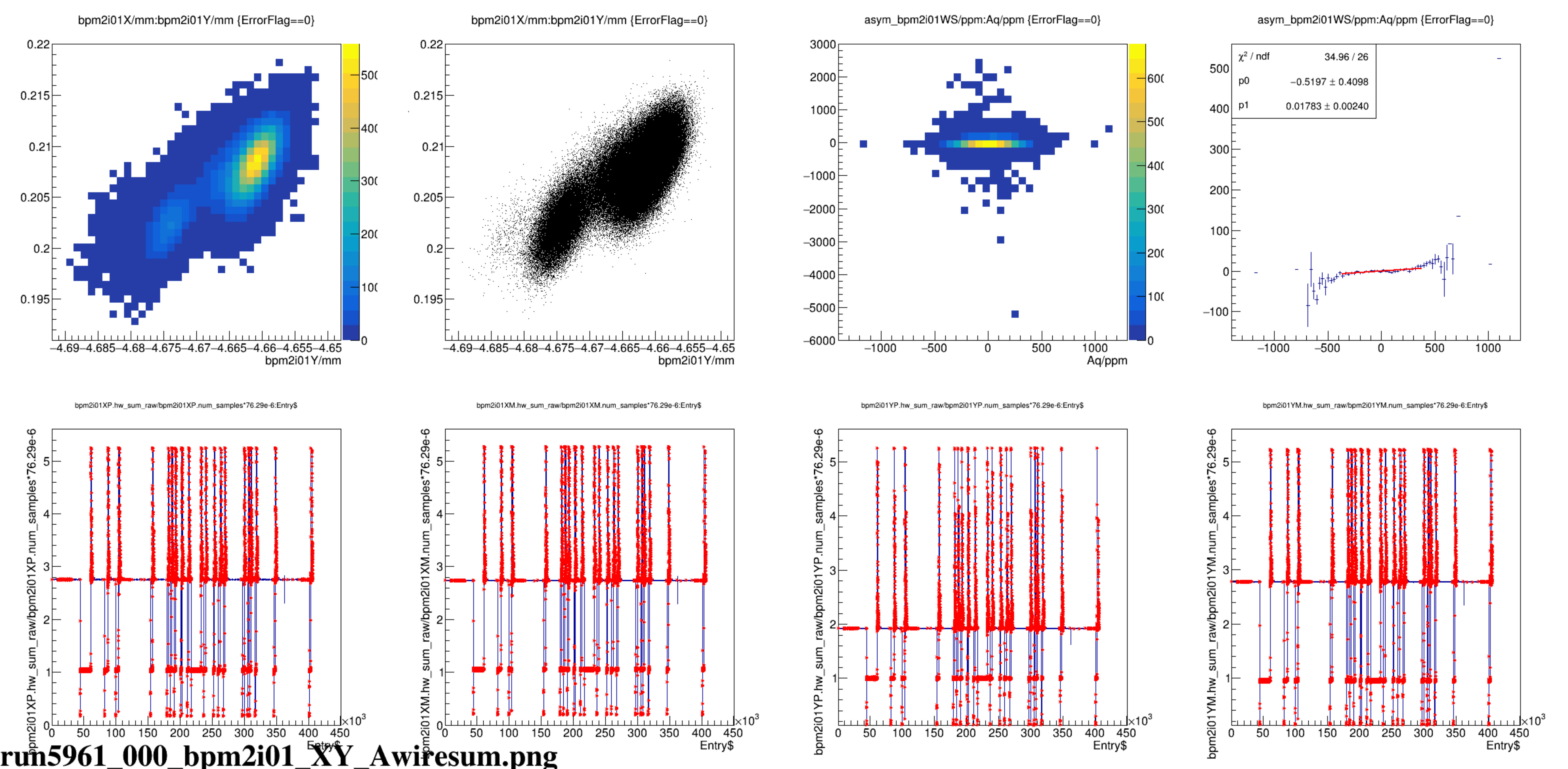


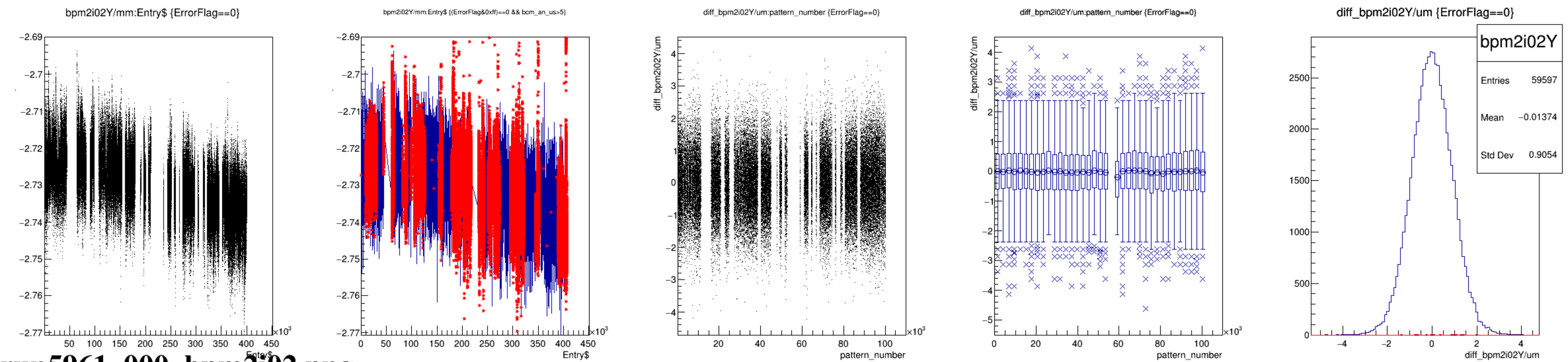
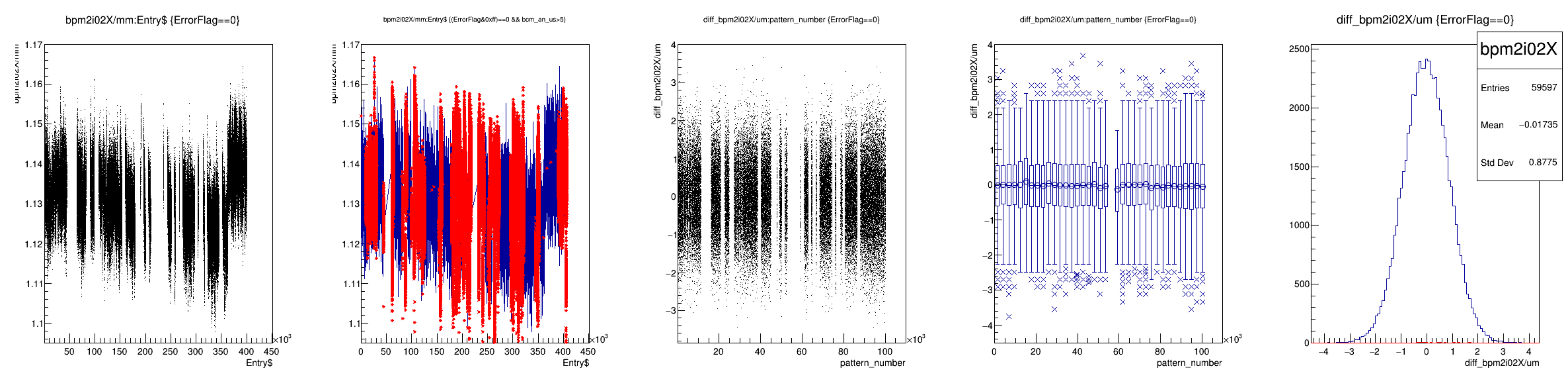
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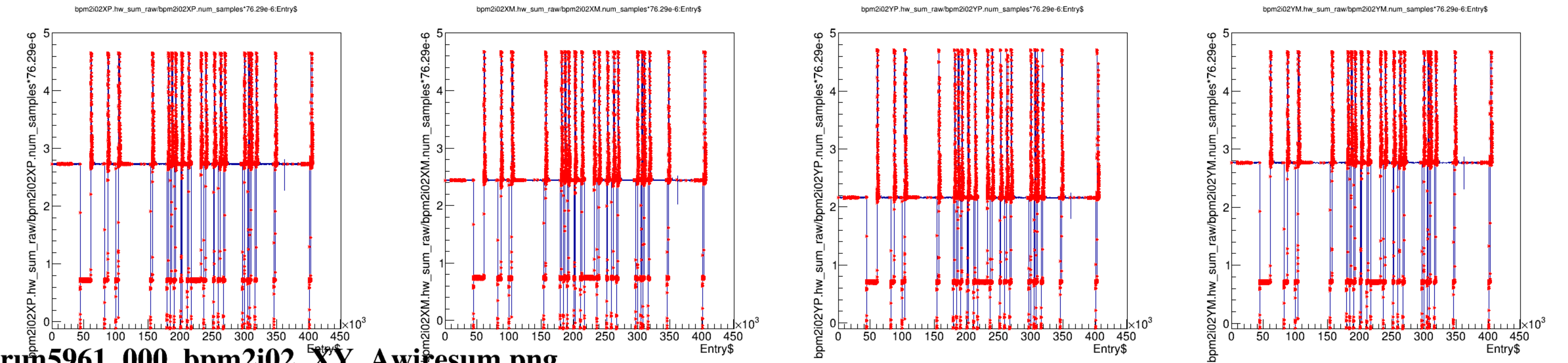
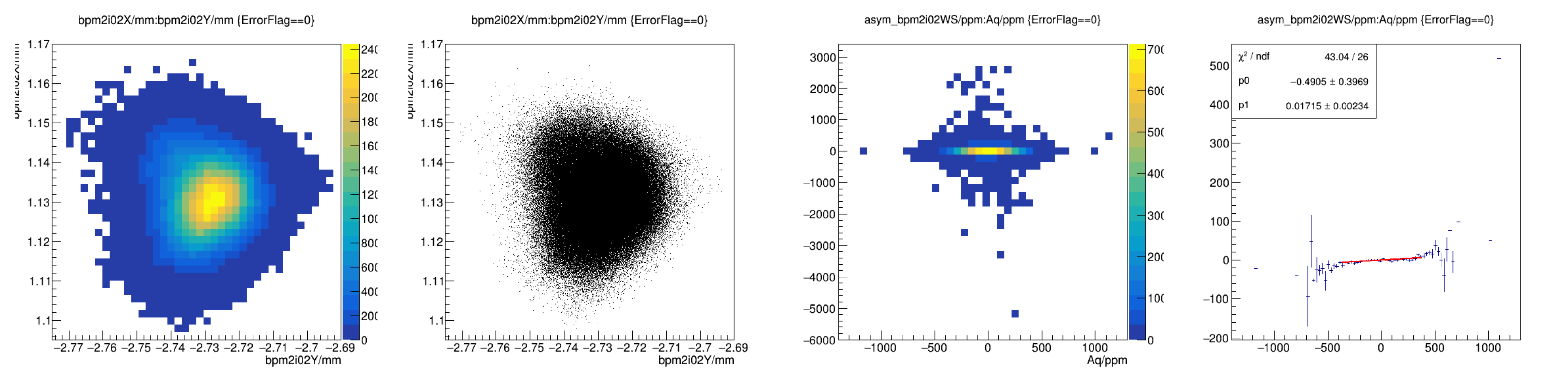




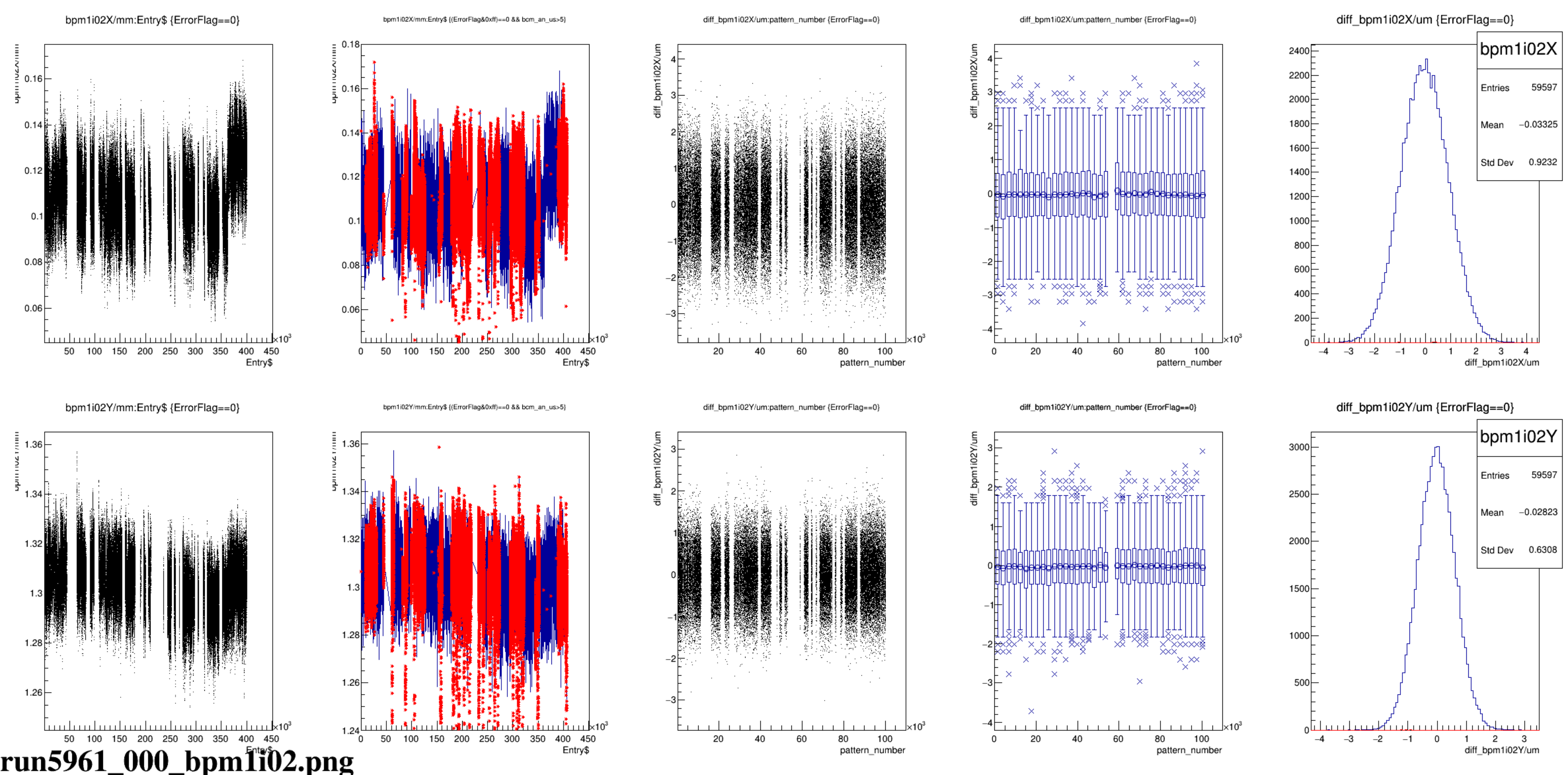
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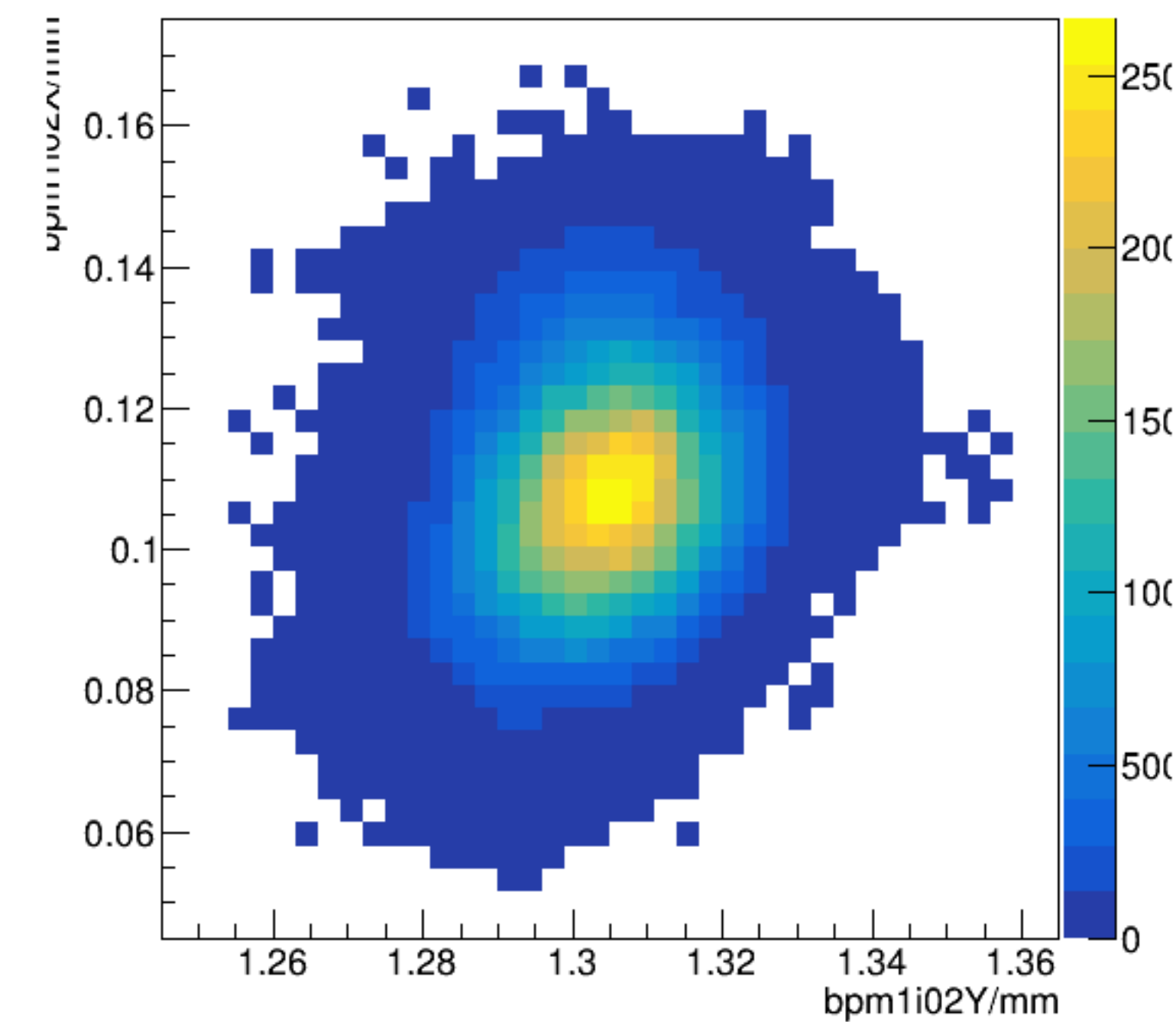




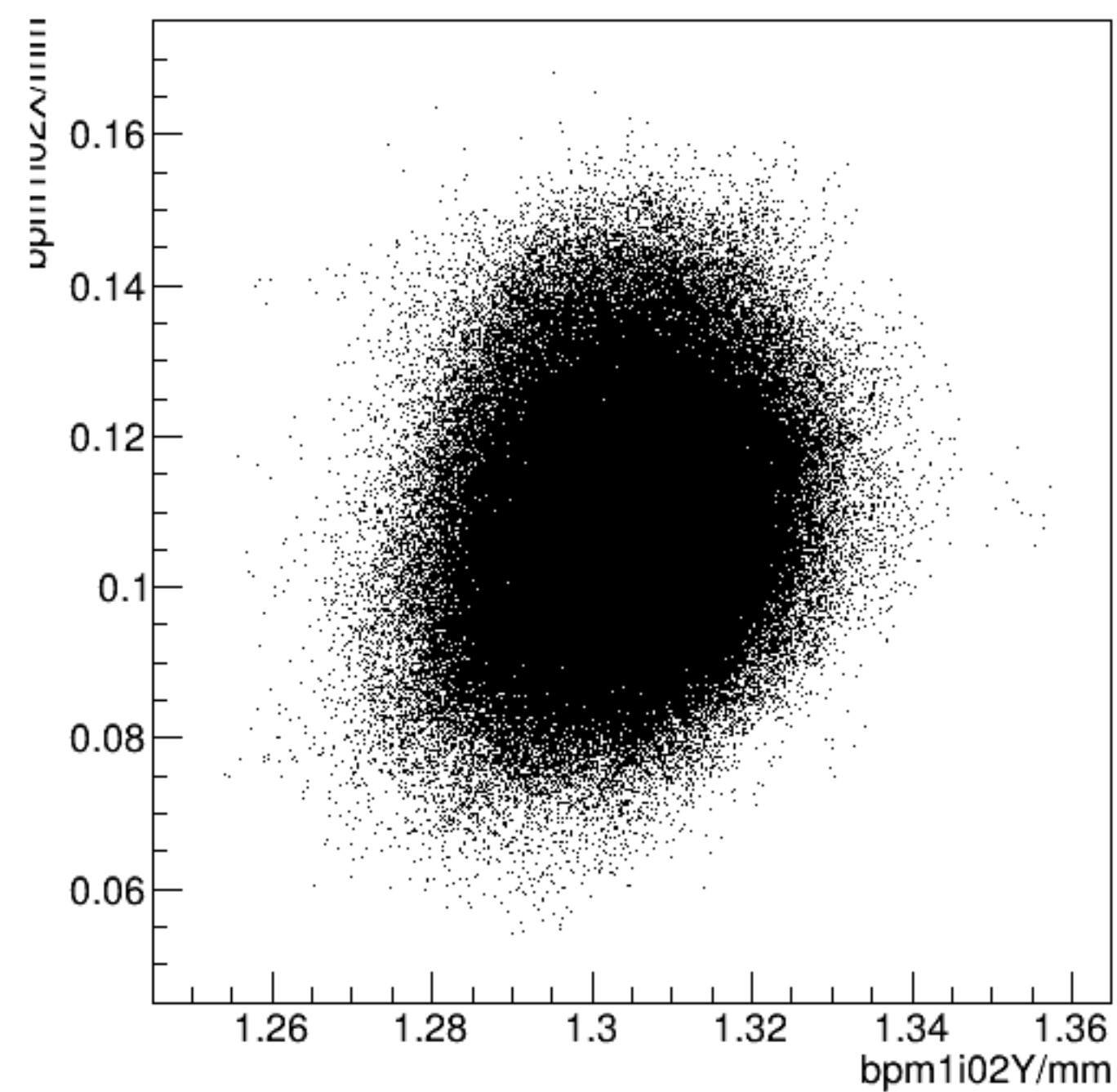
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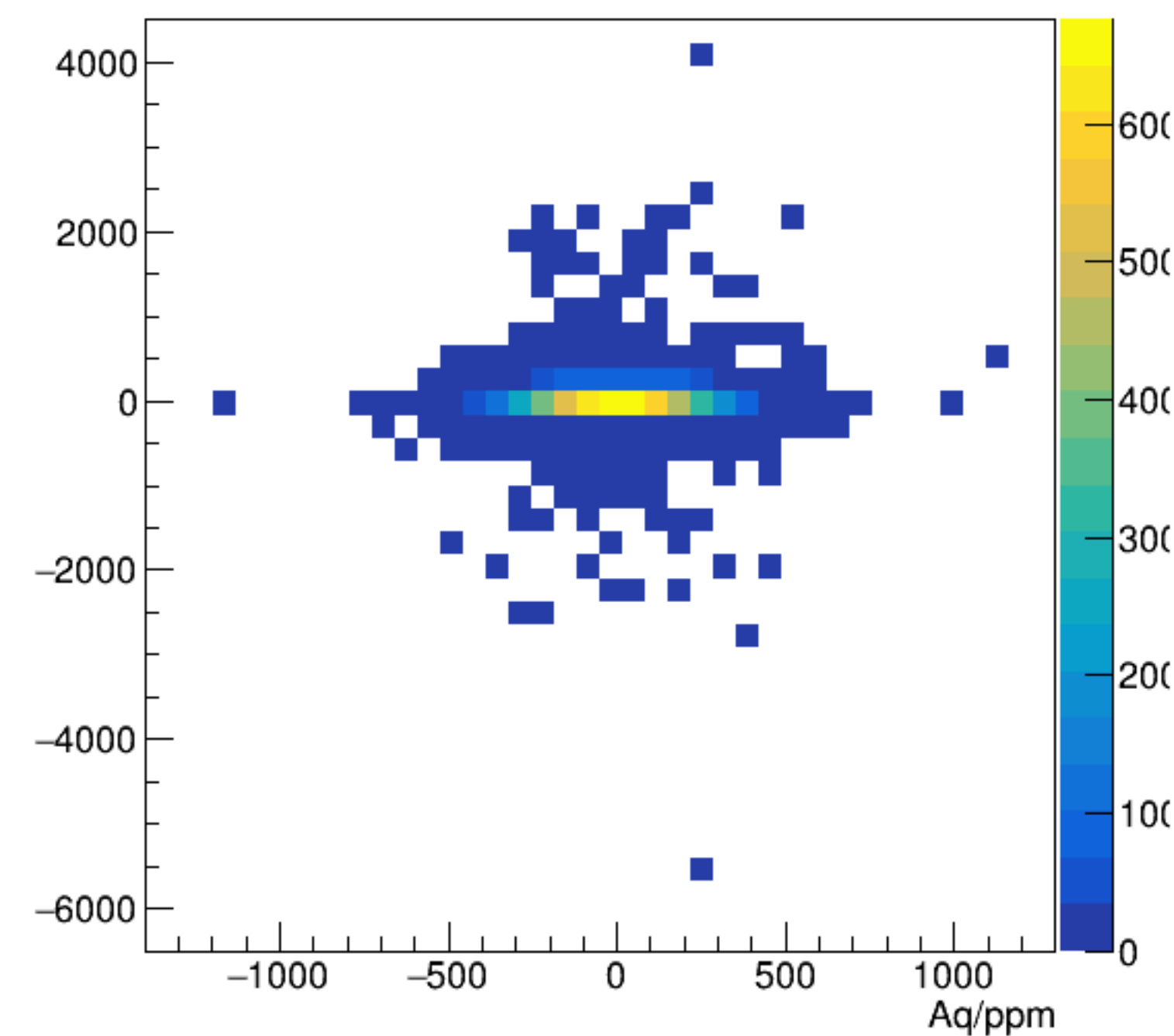
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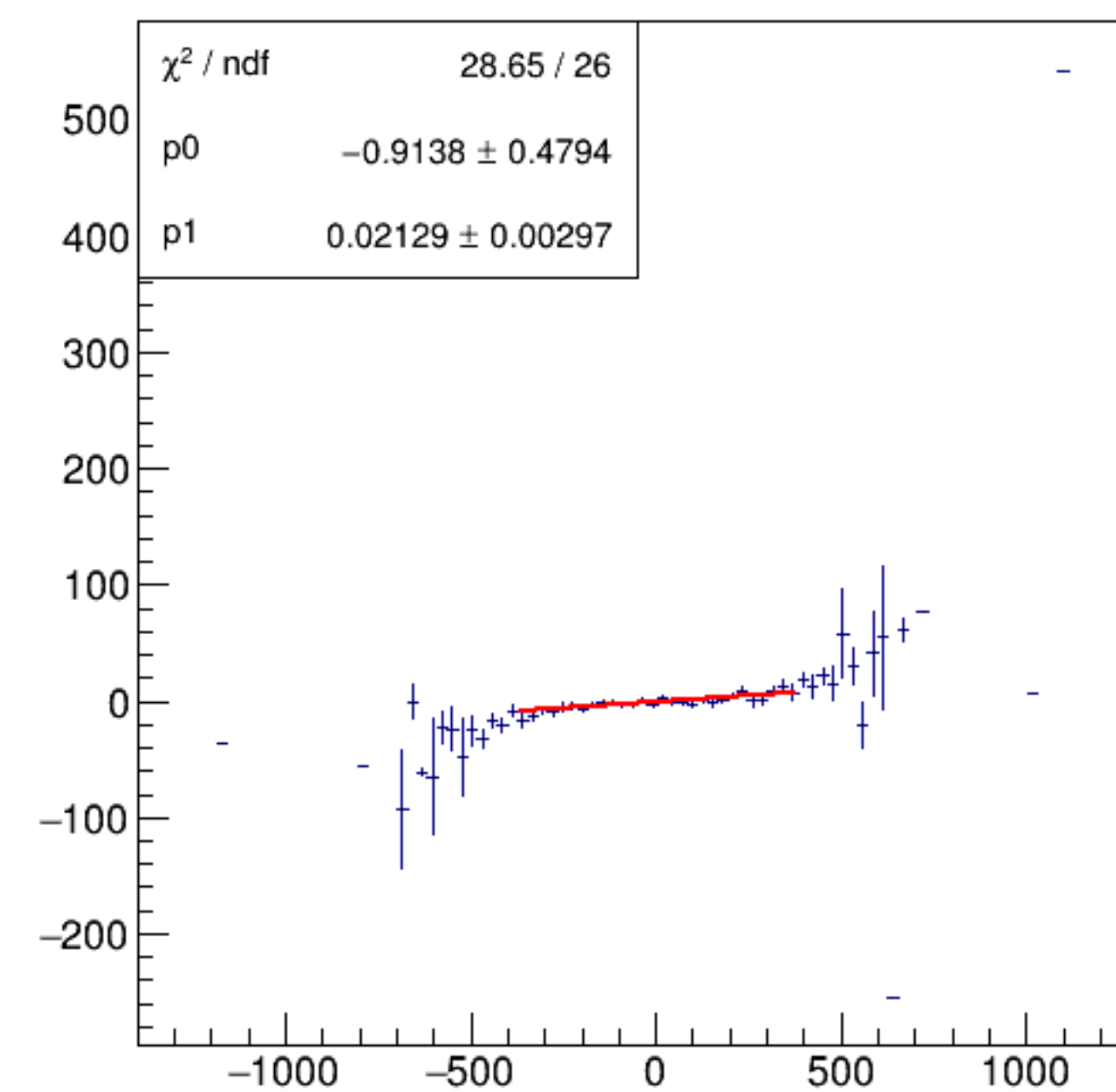
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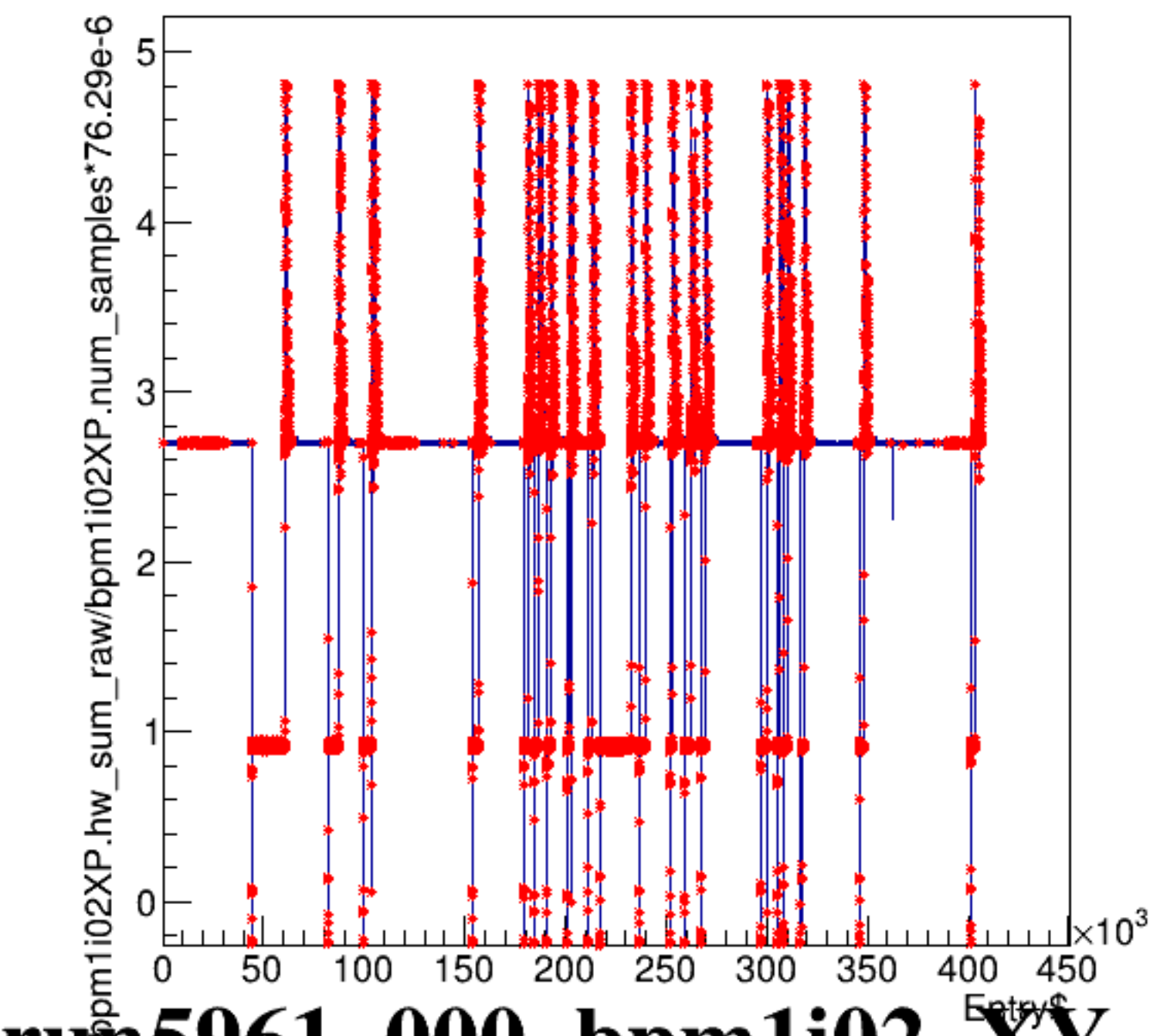
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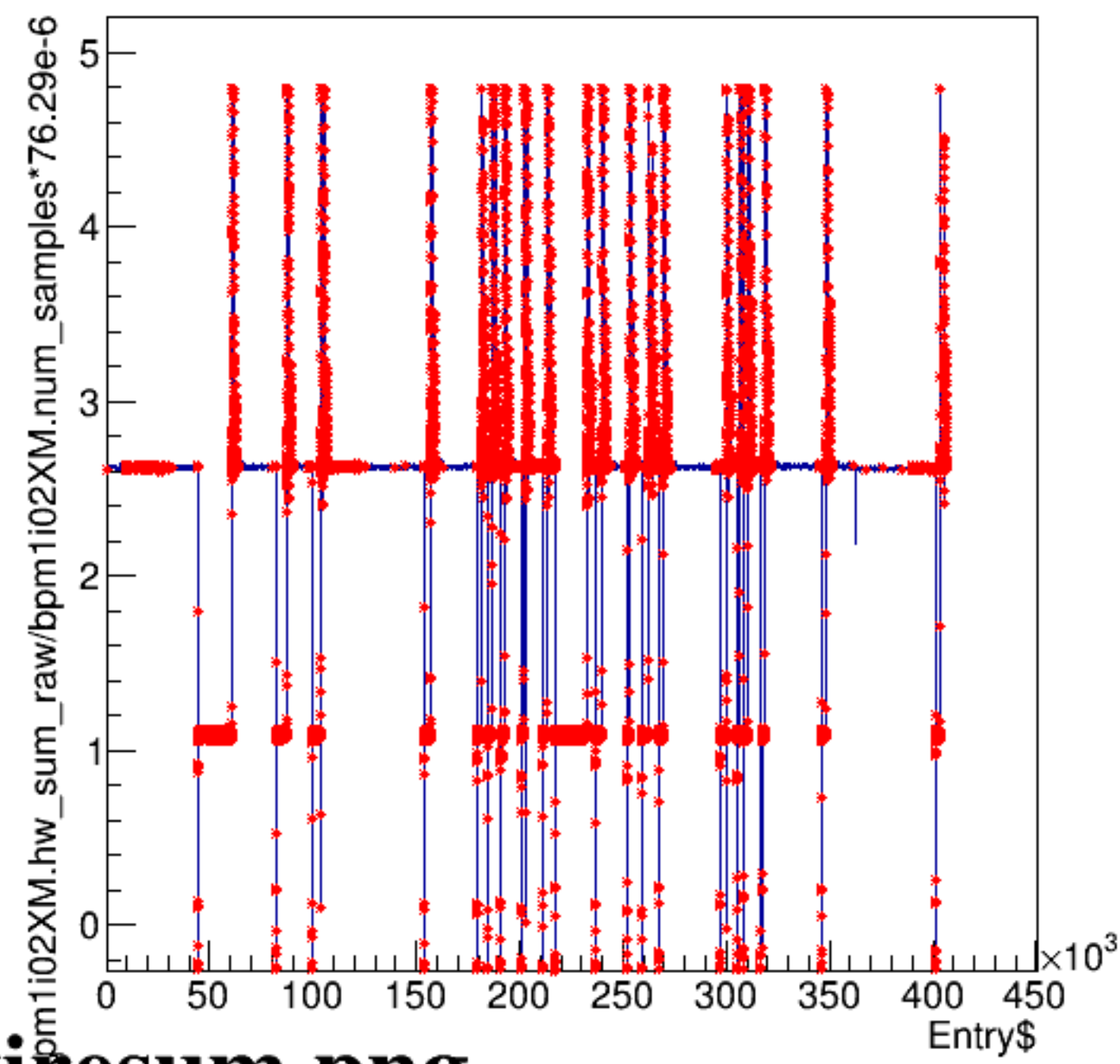
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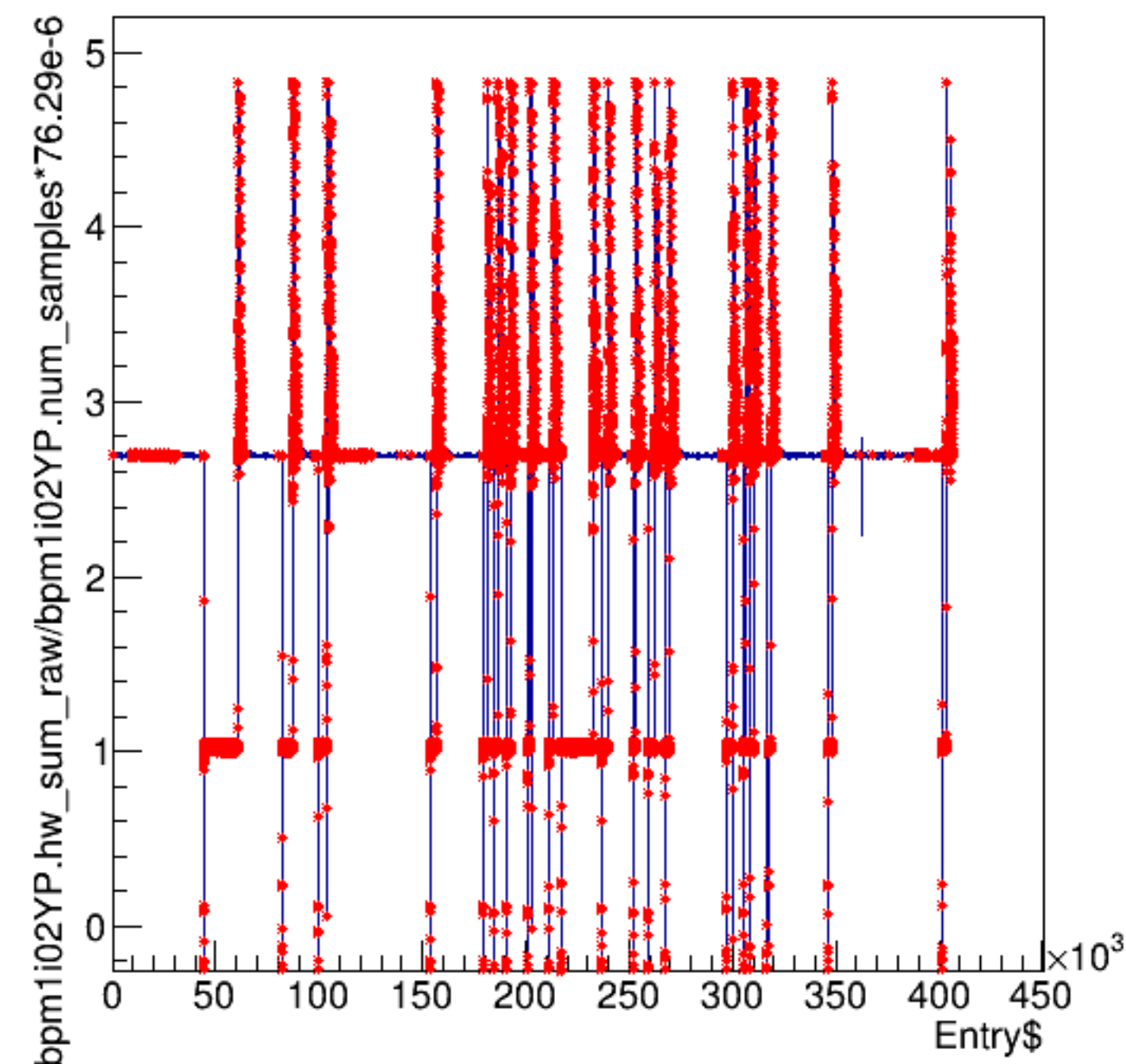
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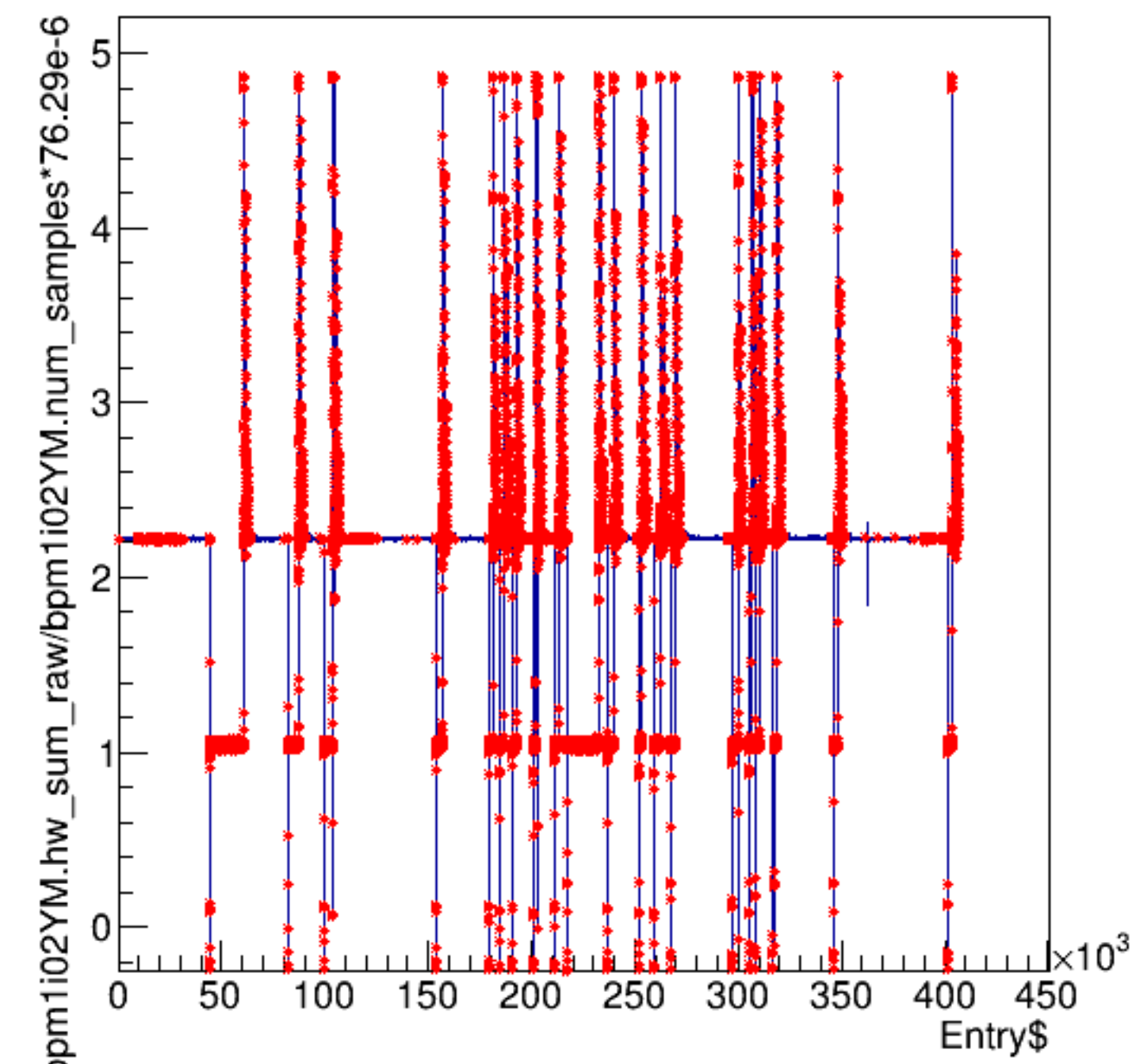
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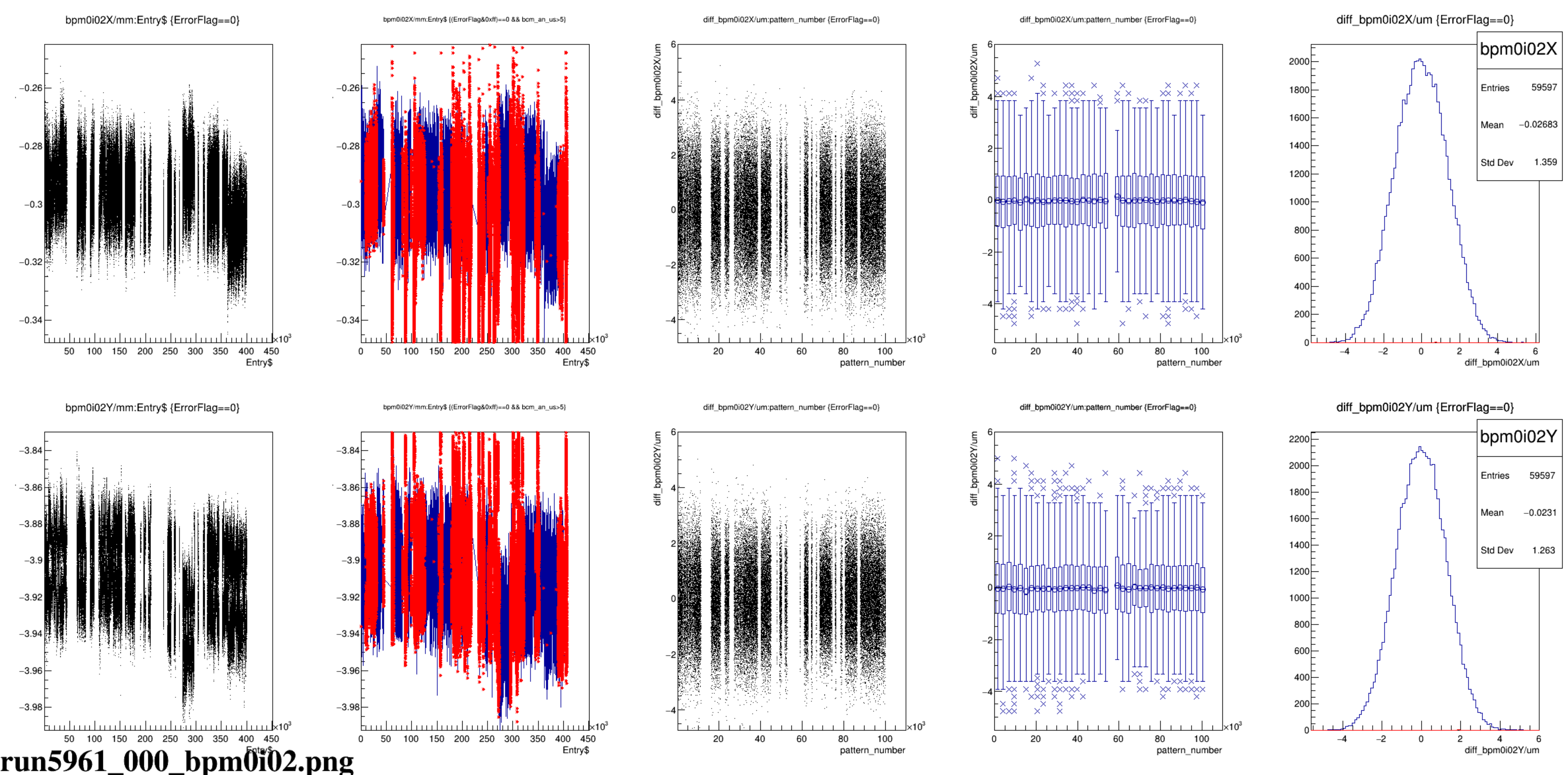


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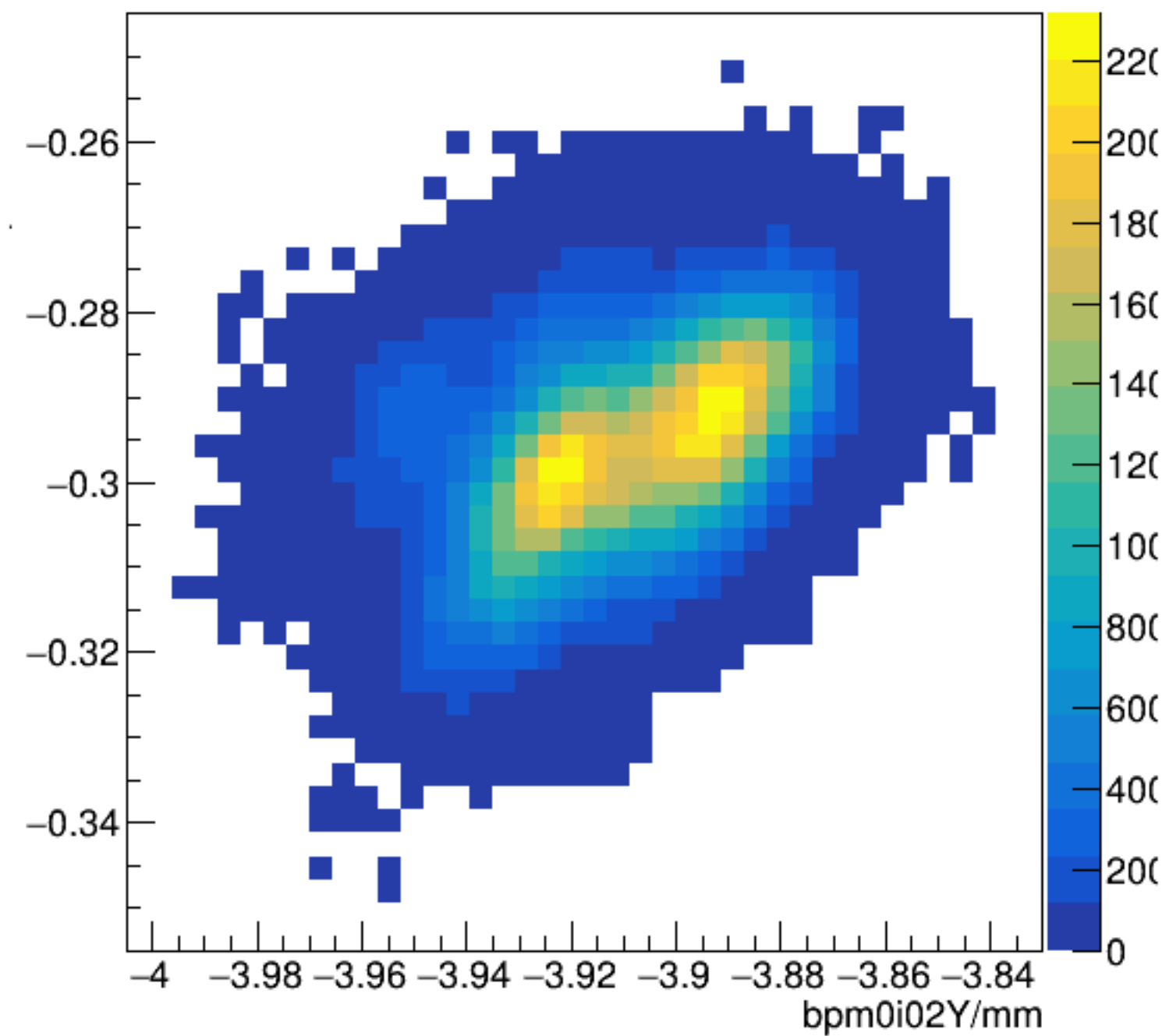


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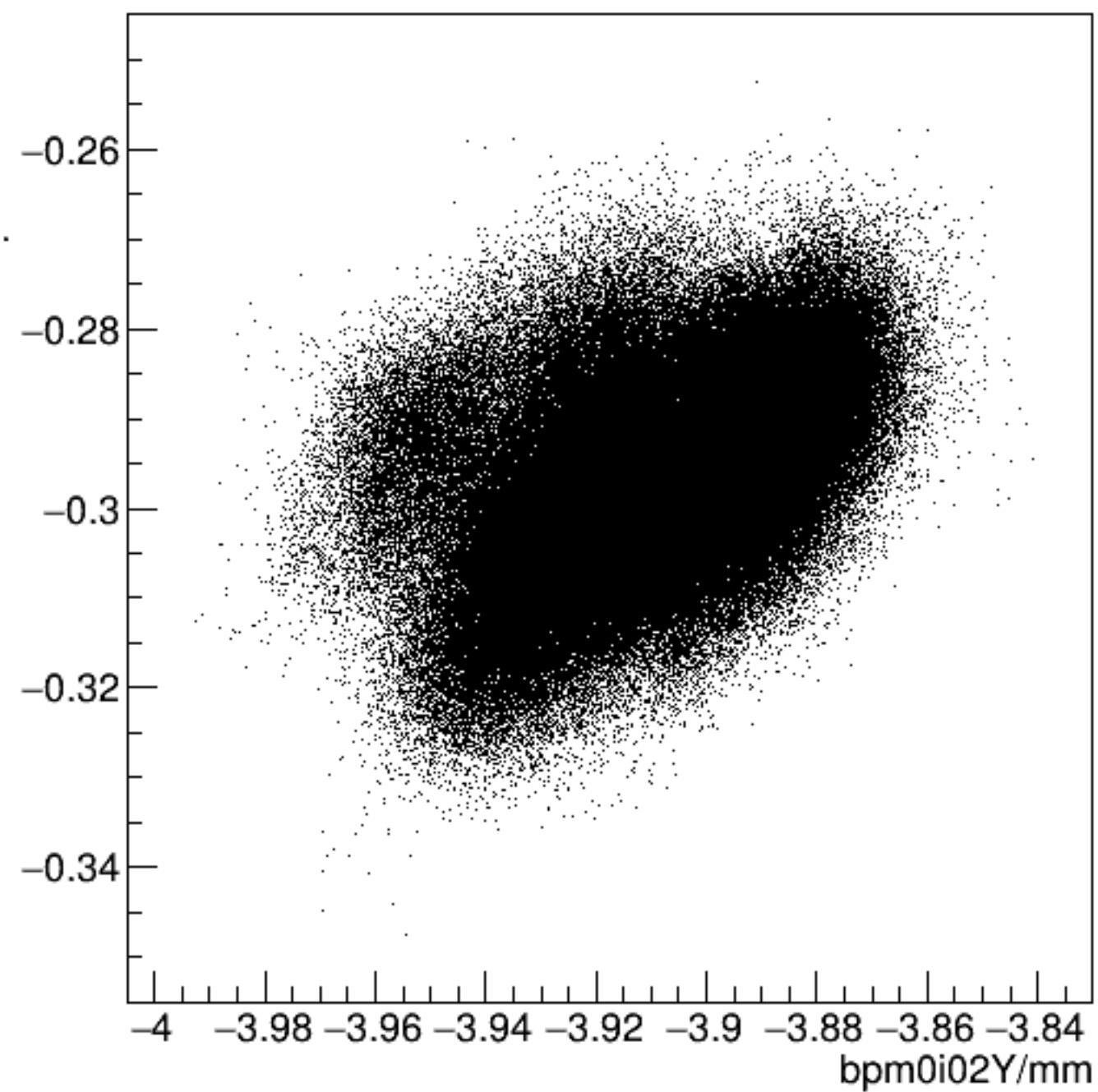




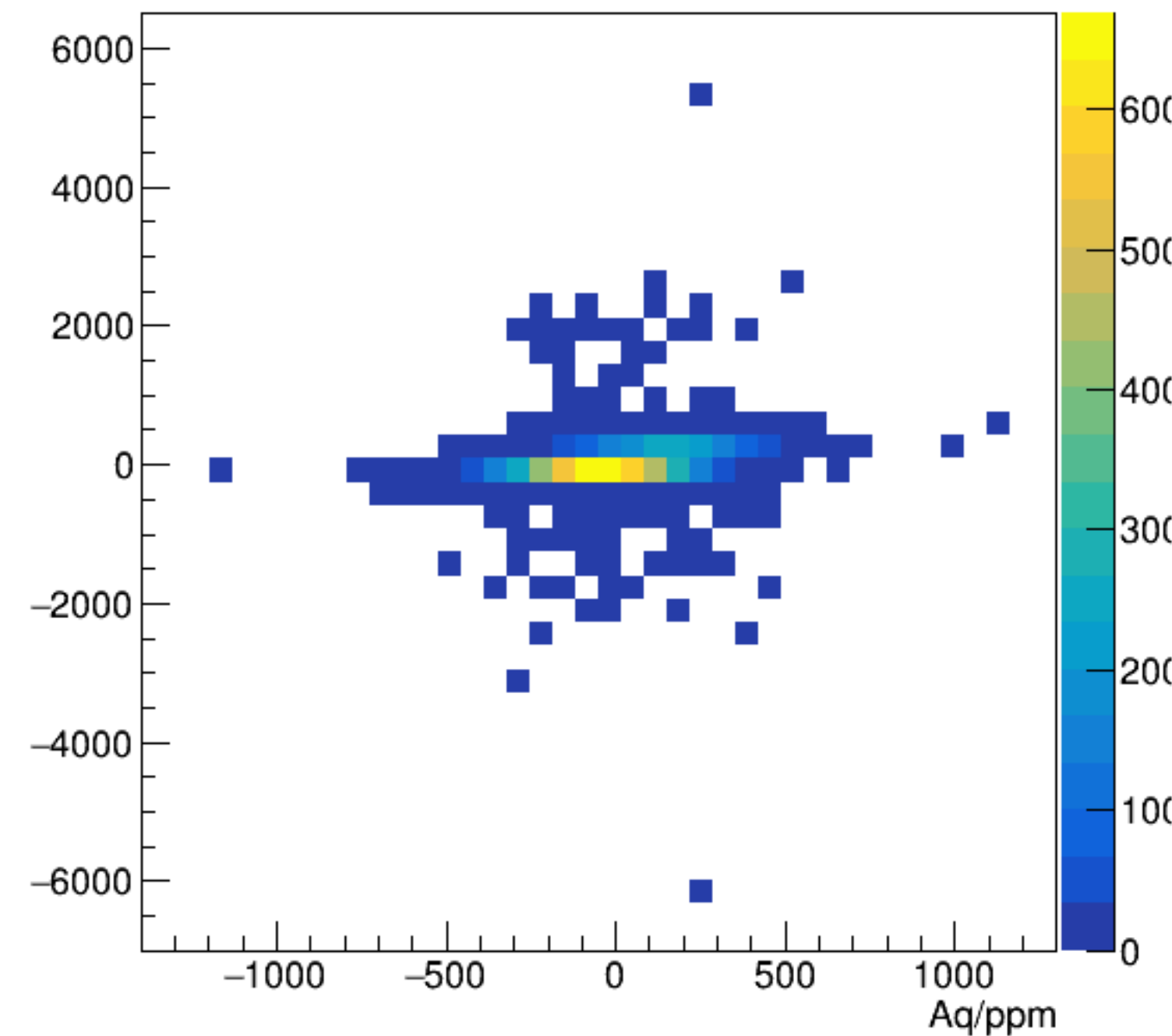
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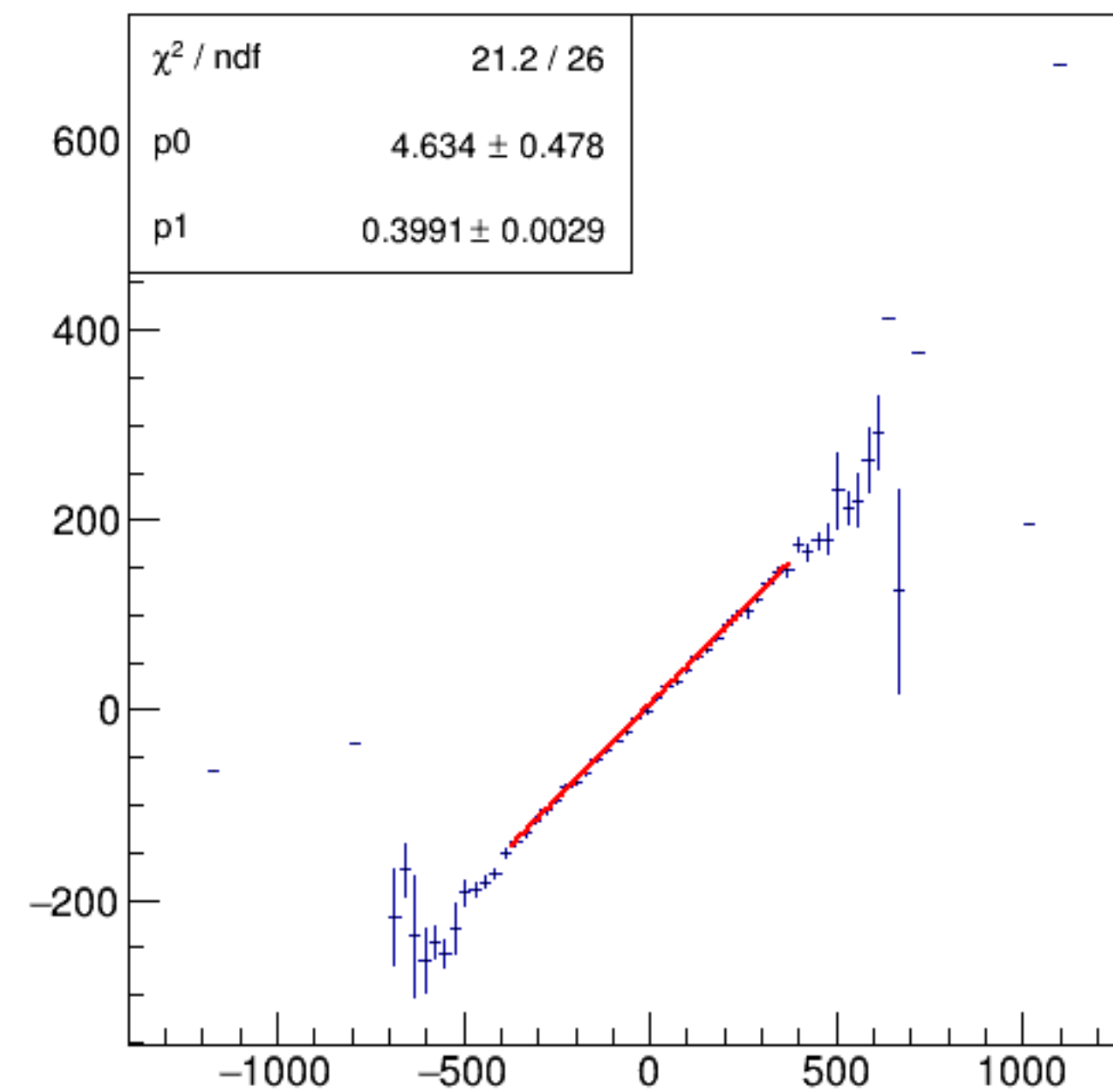
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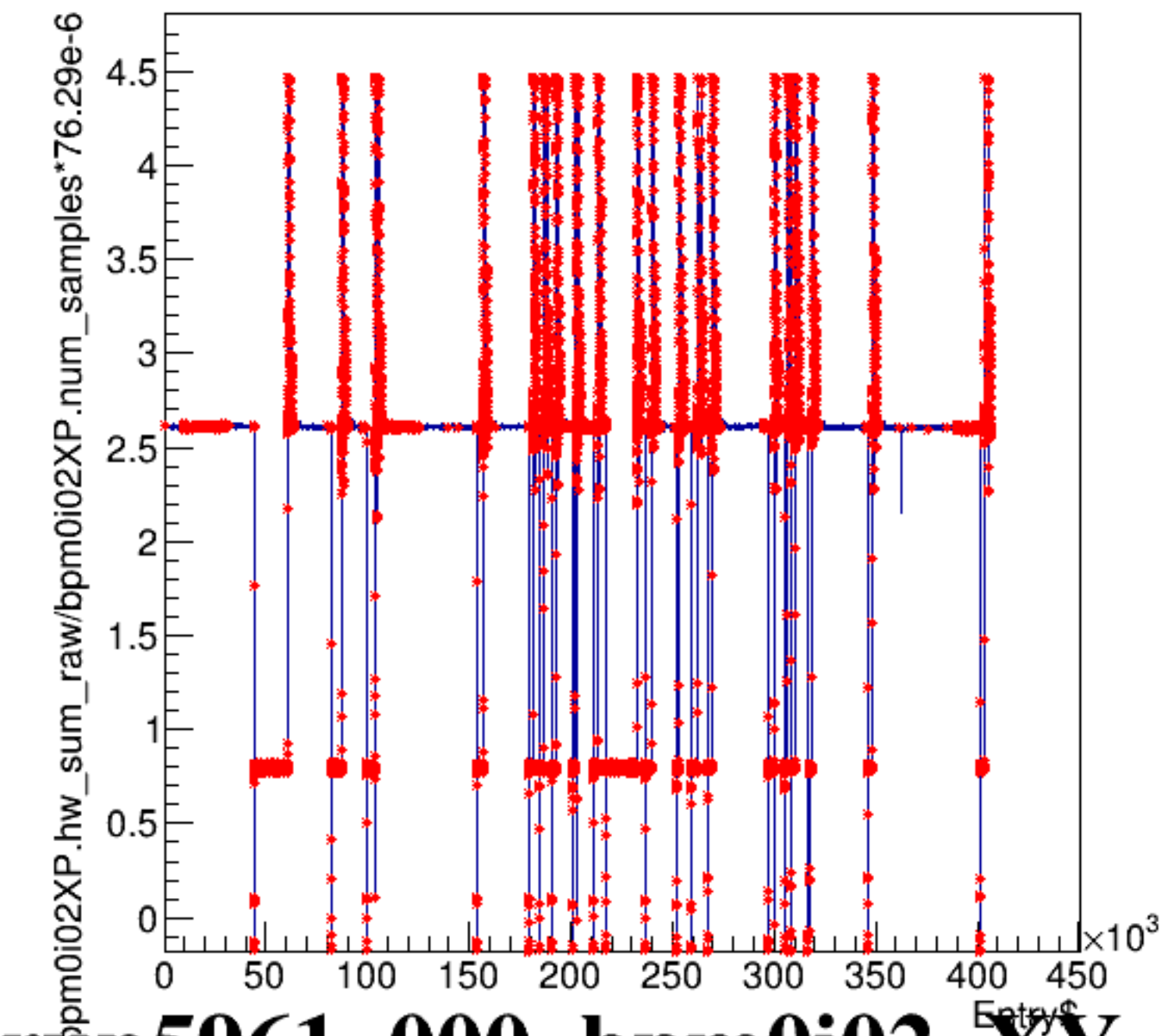
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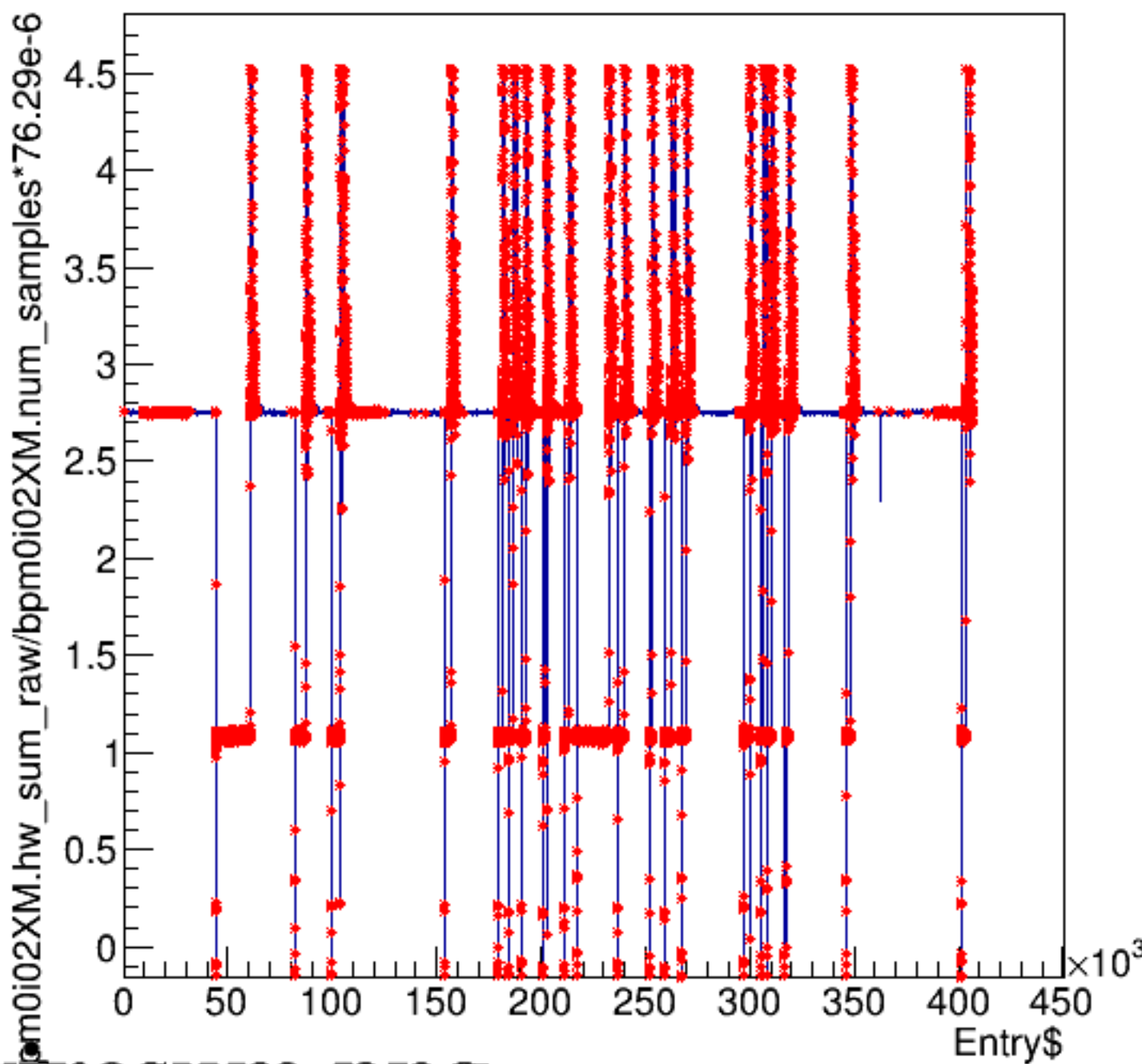
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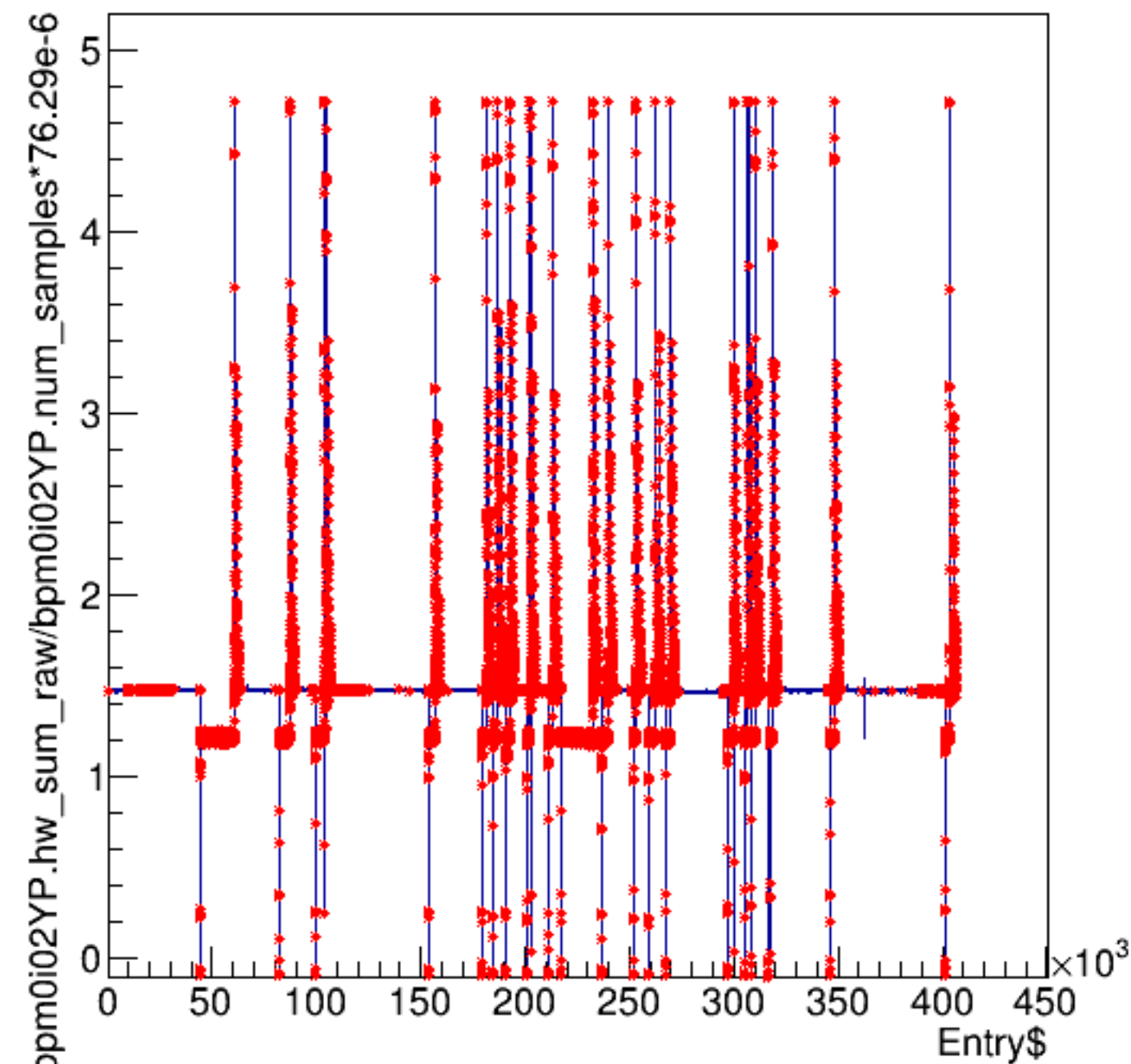
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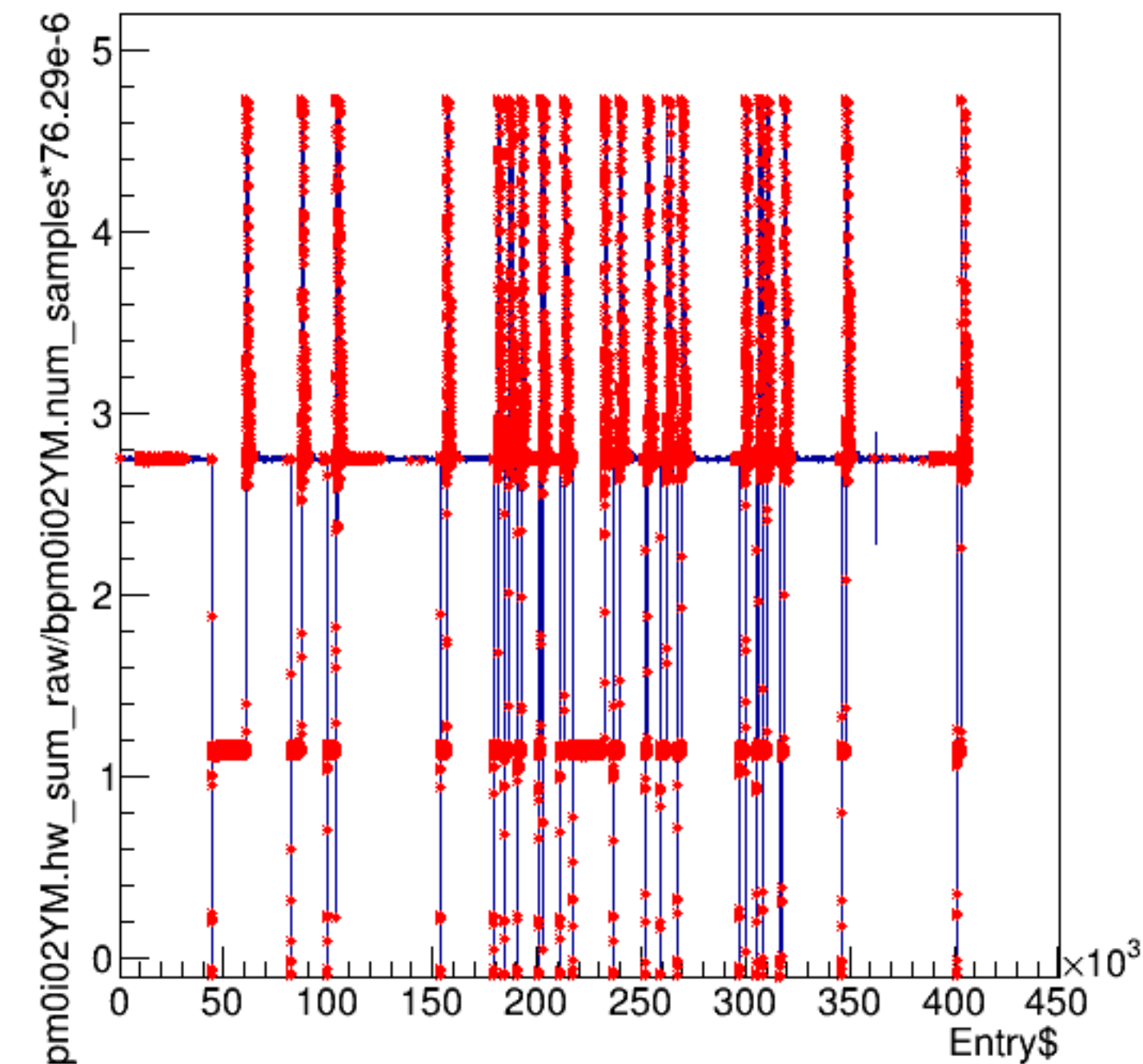
bpm0i02XM.hw_sum_raw/bpm0i02XM.num_samples*76.29e-6:Entry\$

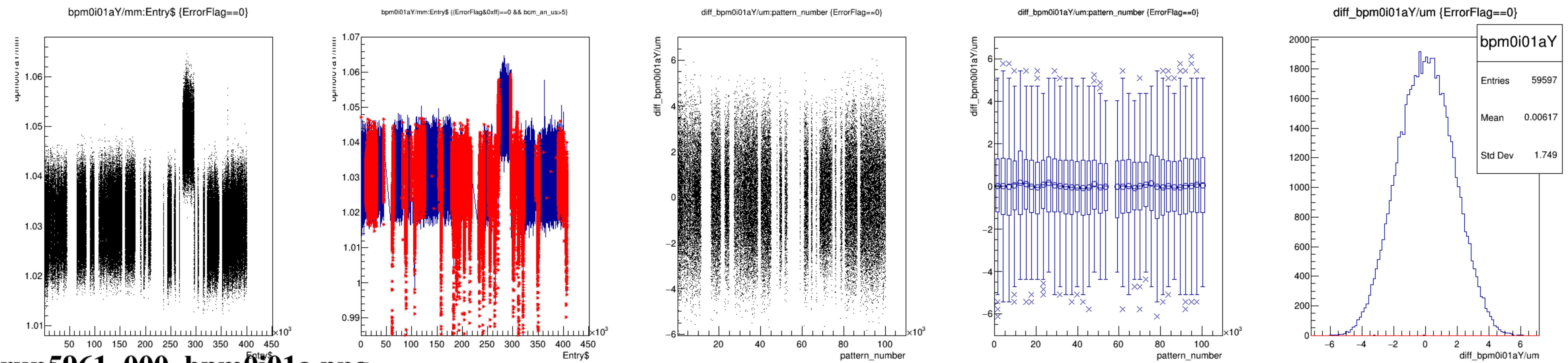
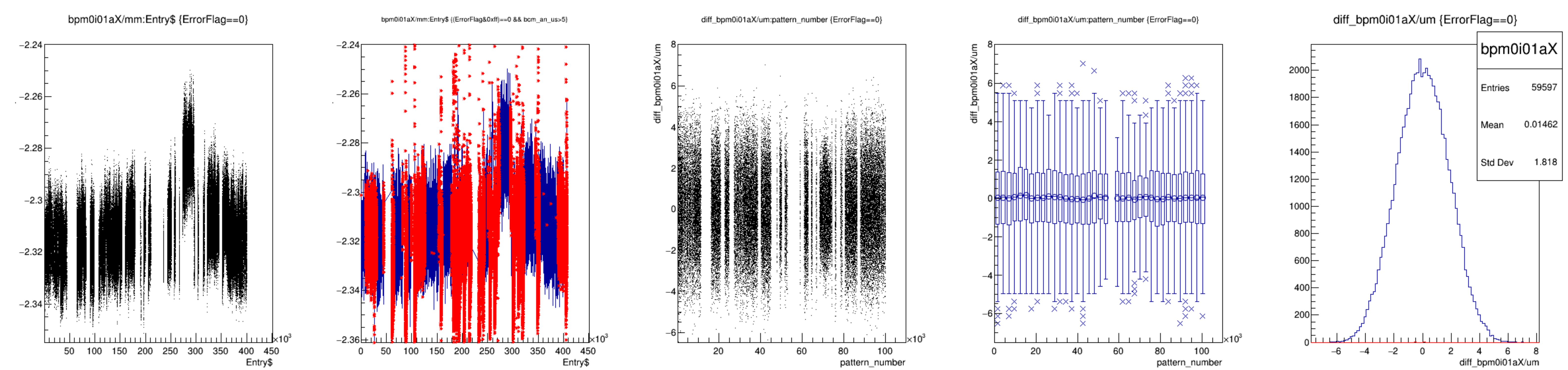


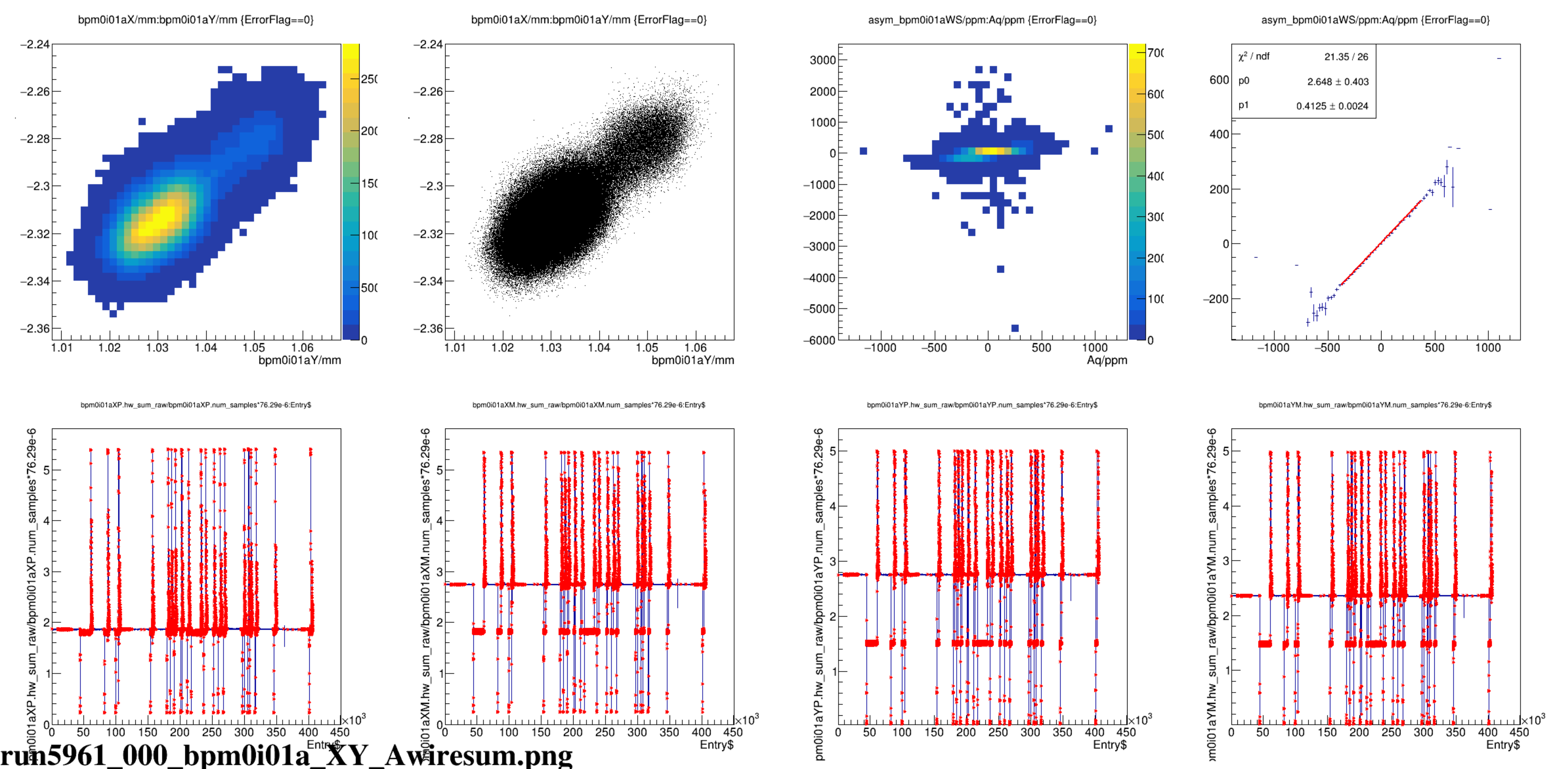
bpm0i02YP.hw_sum_raw/bpm0i02YP.num_samples*76.29e-6:Entry\$



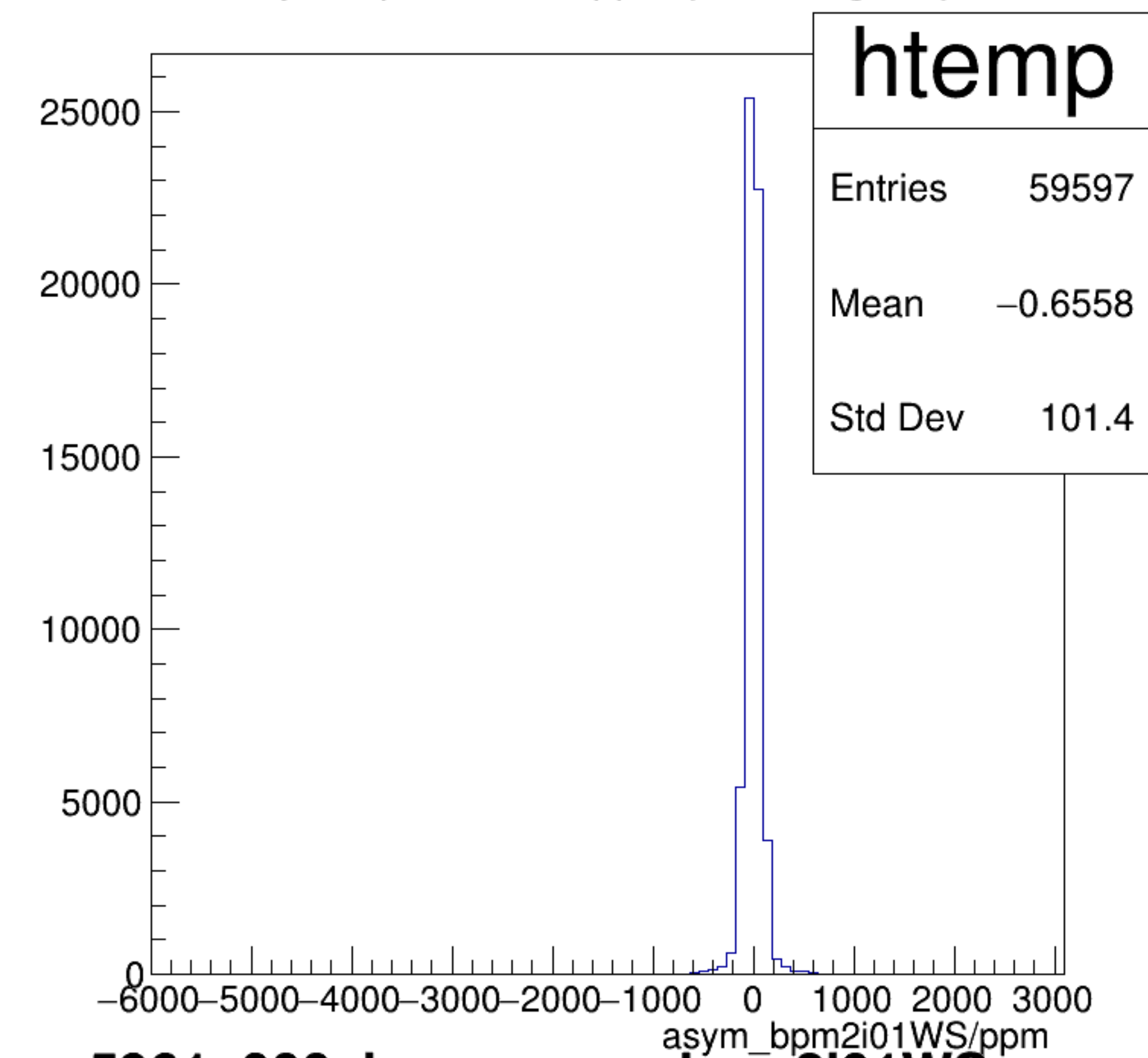
bpm0i02YM.hw_sum_raw/bpm0i02YM.num_samples*76.29e-6:Entry\$





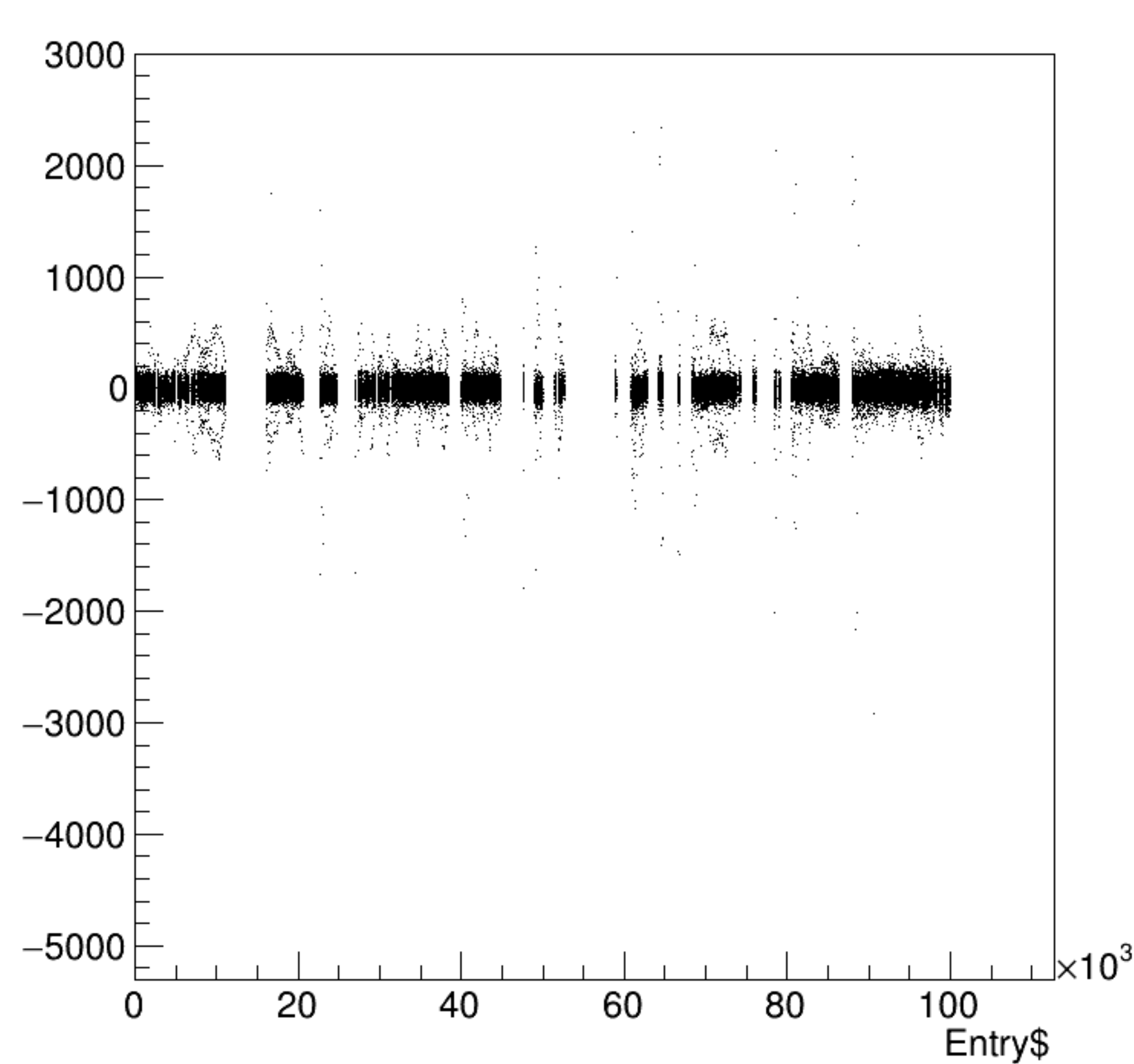


asym_bpm2i01WS/ppm {ErrorFlag==0}

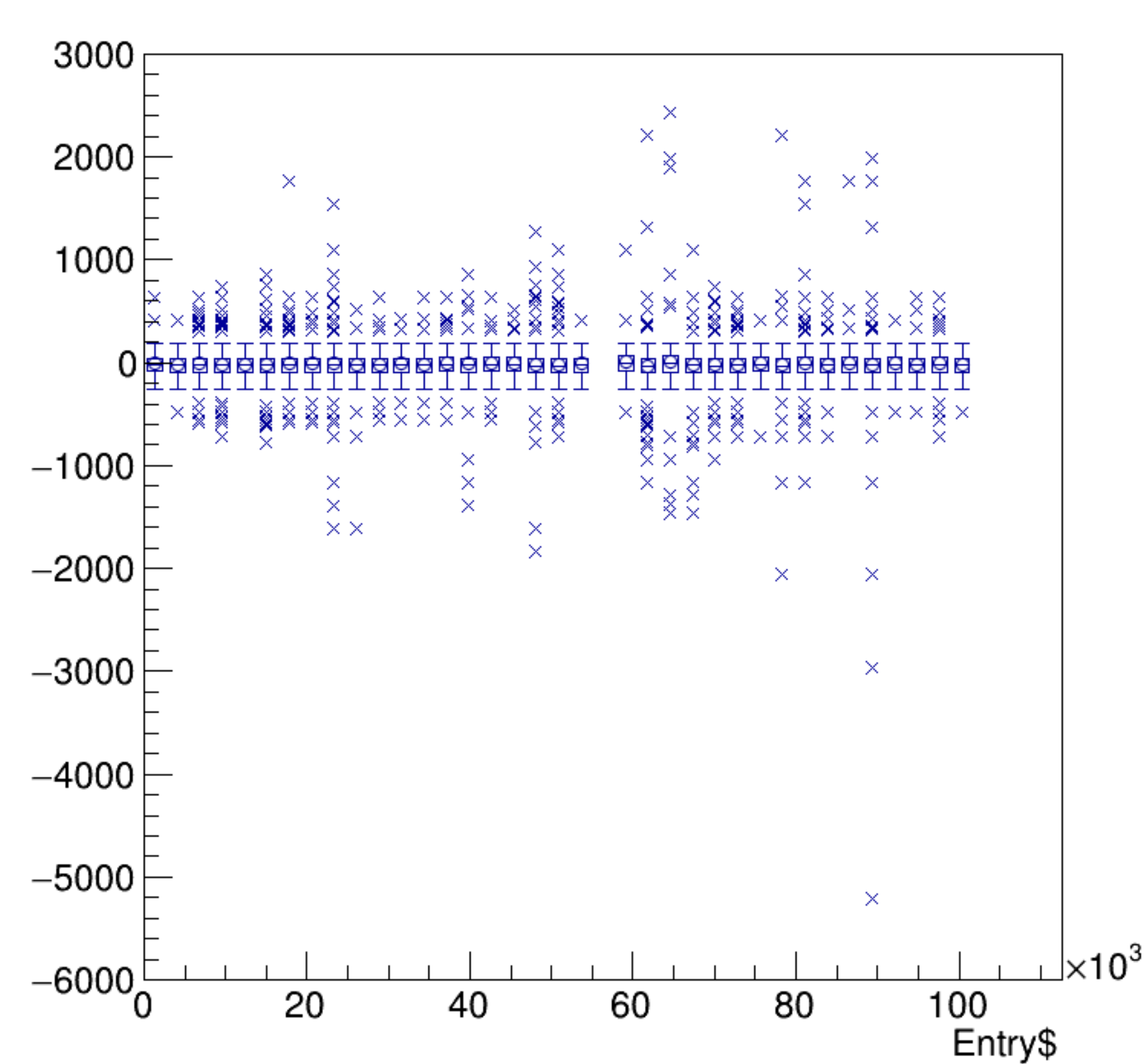


run5961_000_bpm_asym_bpm2i01WS.png

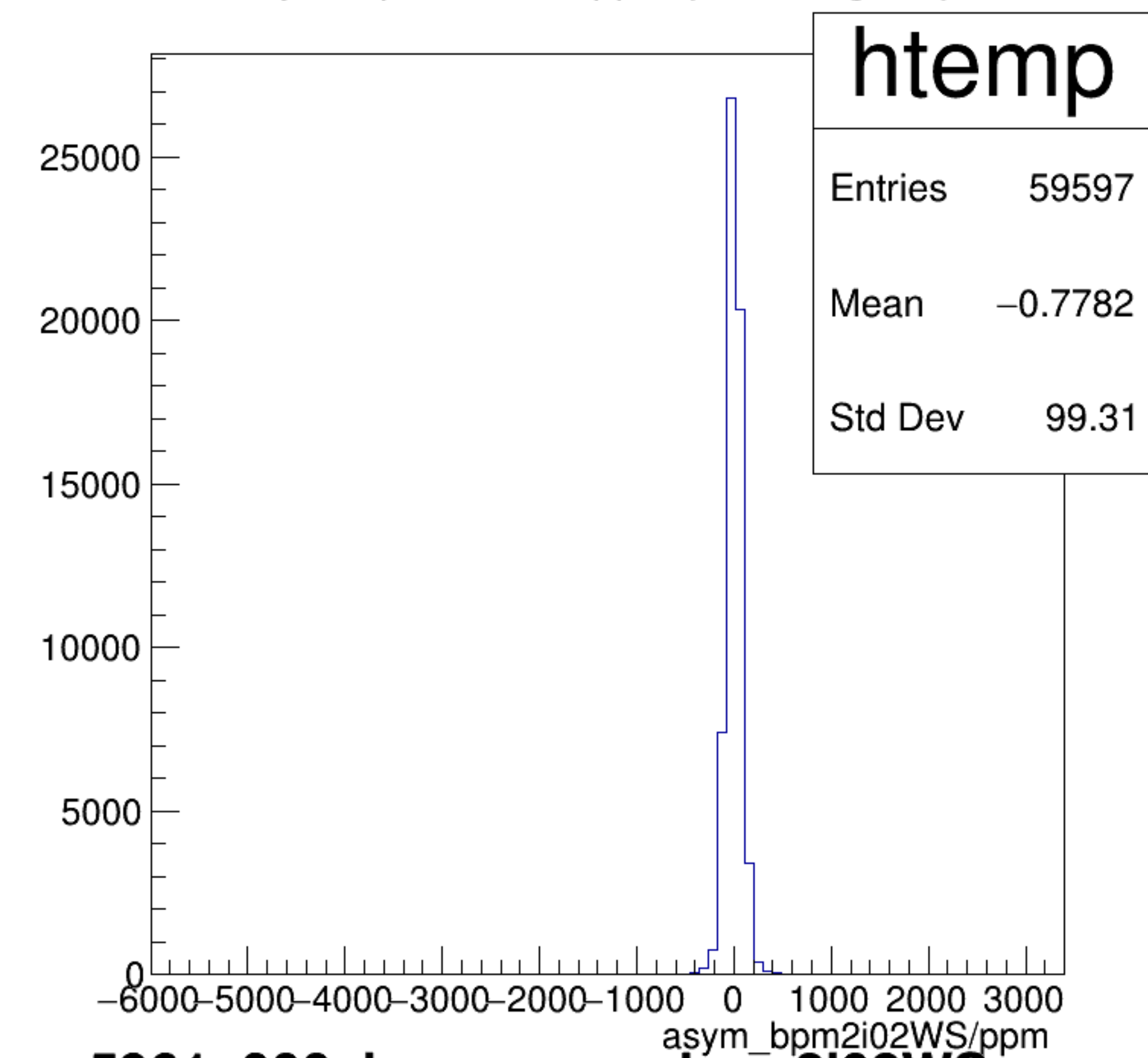
asym_bpm2i01WS/ppm:Entry\$ {ErrorFlag==0}



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

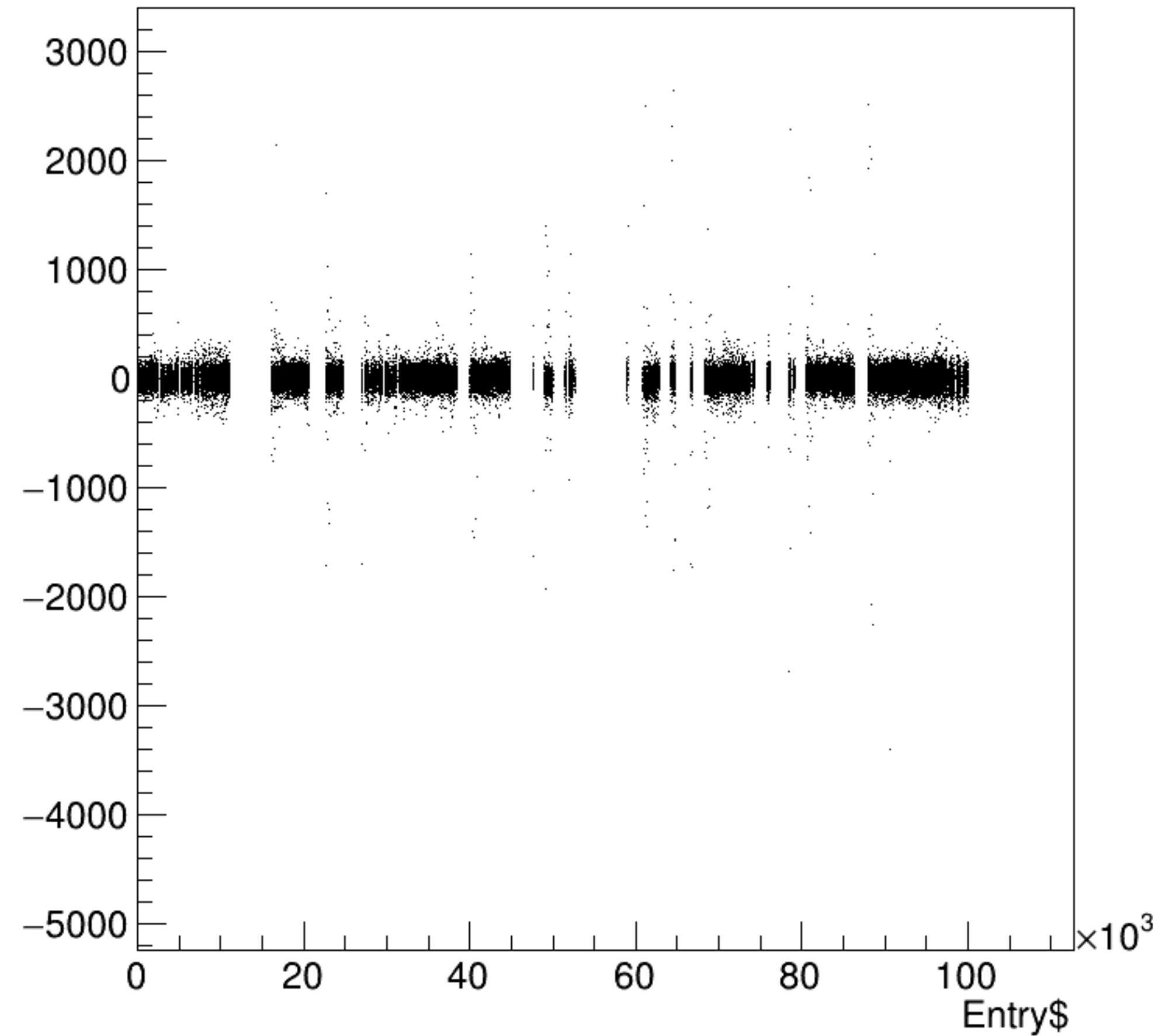


asym_bpm2i02WS/ppm {ErrorFlag==0}

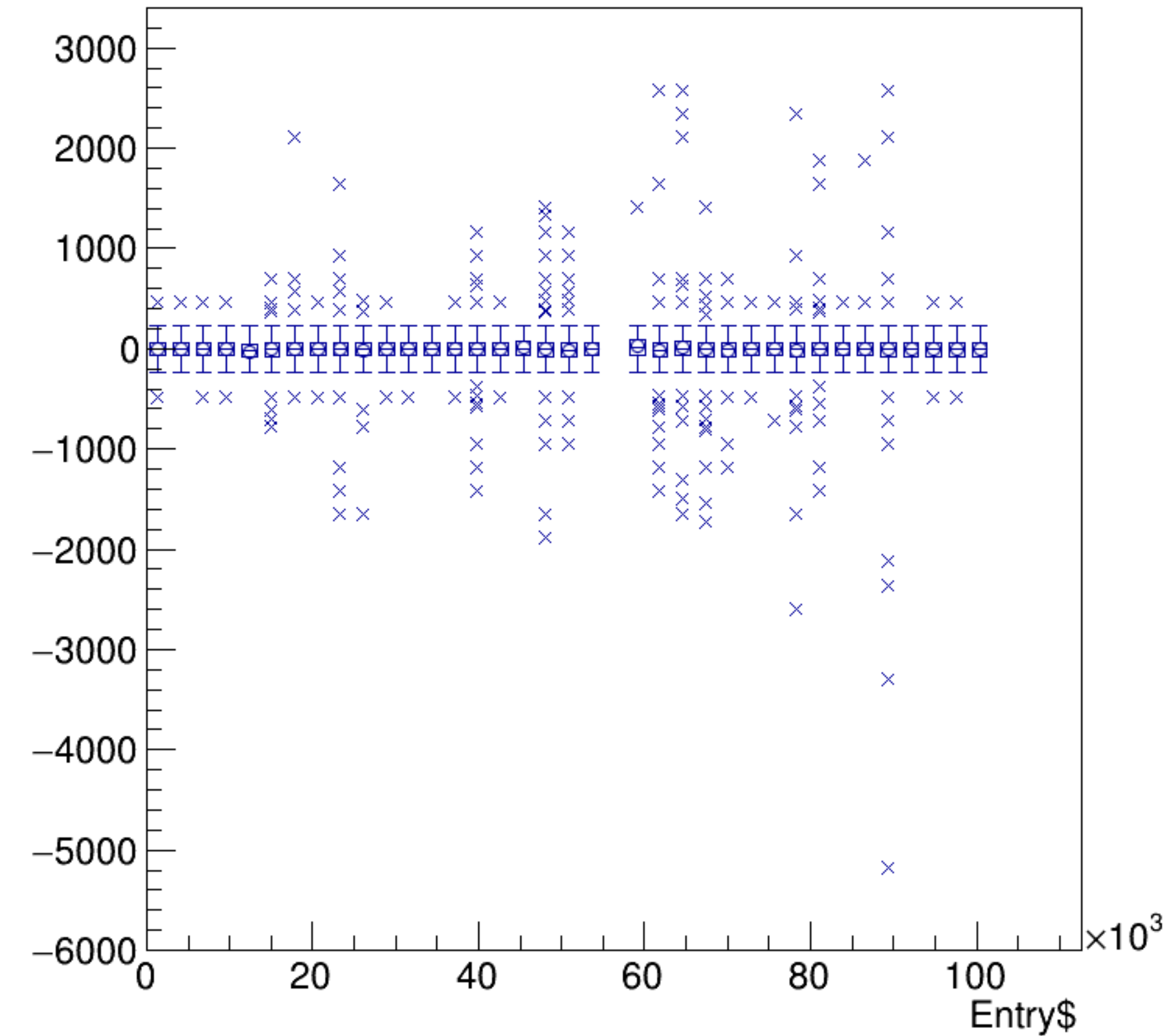


run5961_000_bpm_asym_bpm2i02WS.png

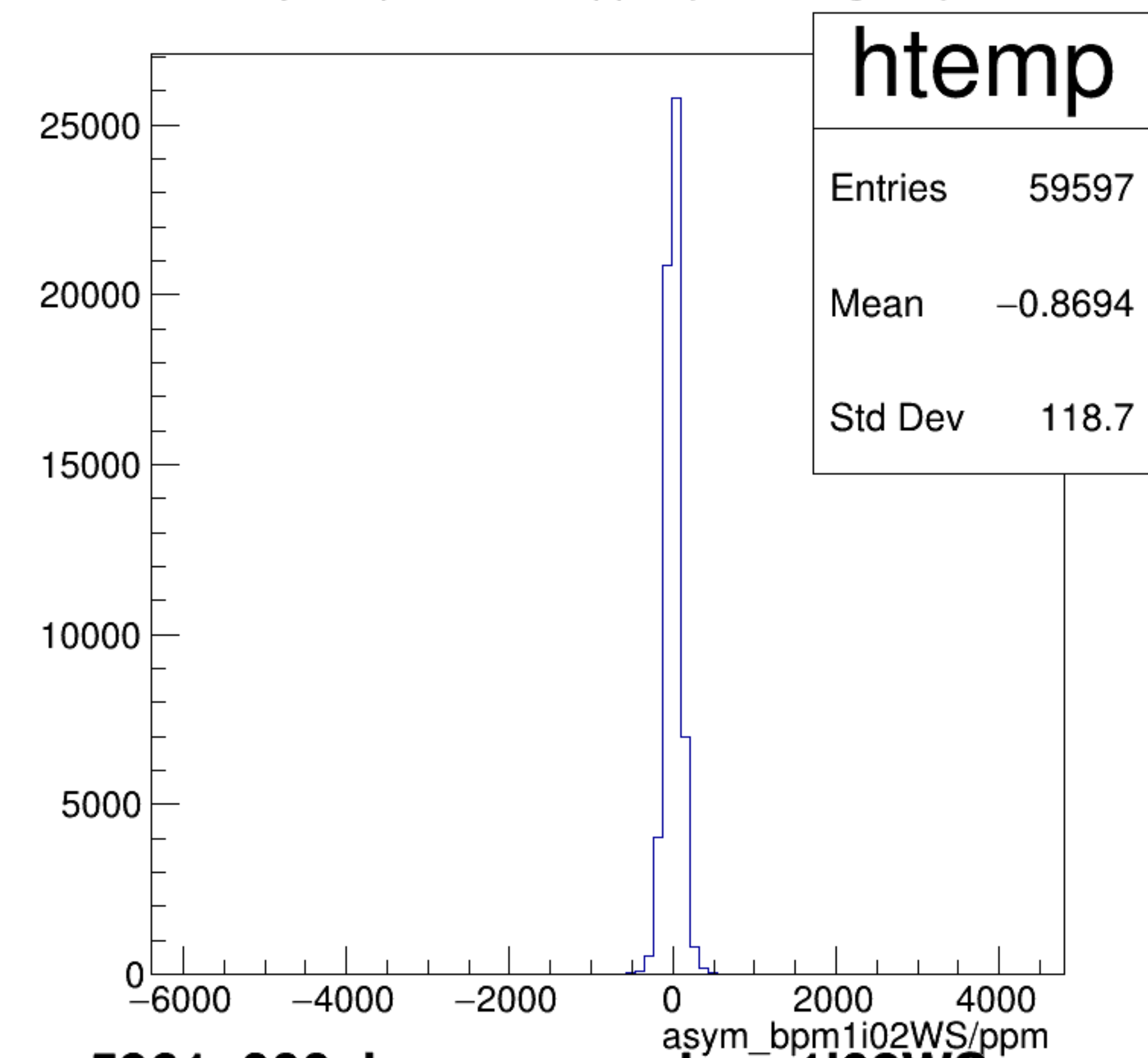
asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}



asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}

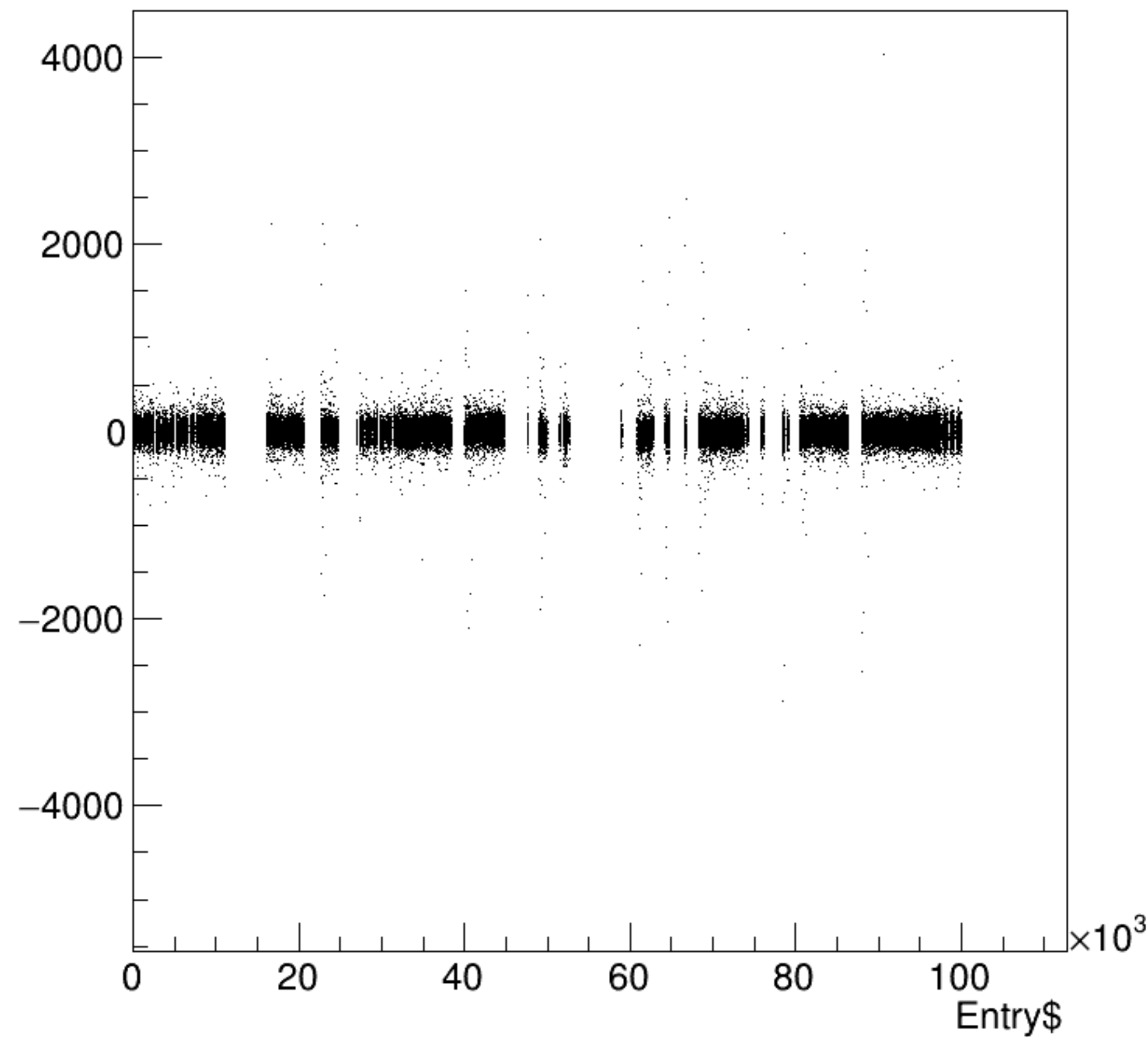


asym_bpm1i02WS/ppm {ErrorFlag==0}

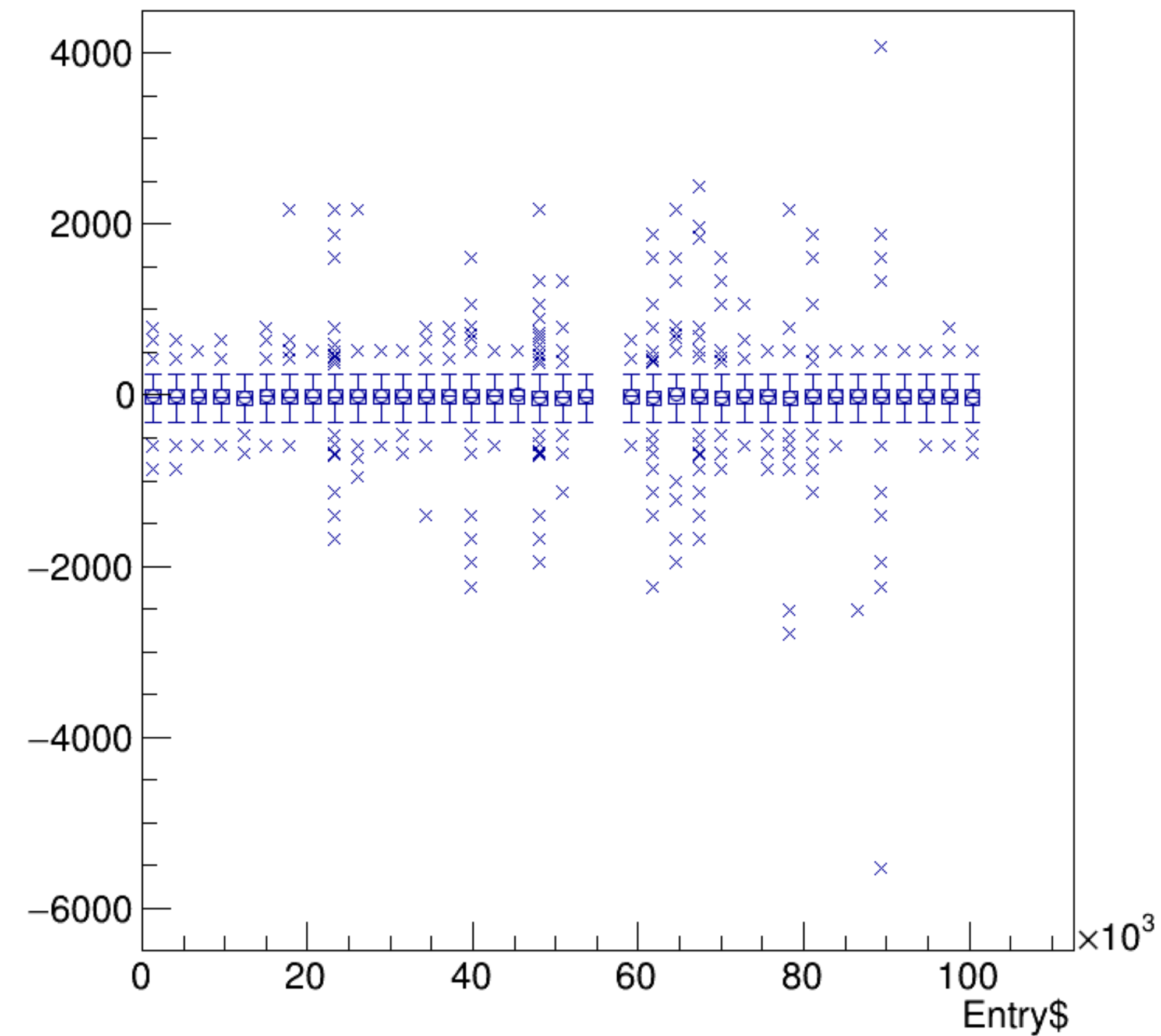


run5961_000_bpm_asym_bpm1i02WS.png

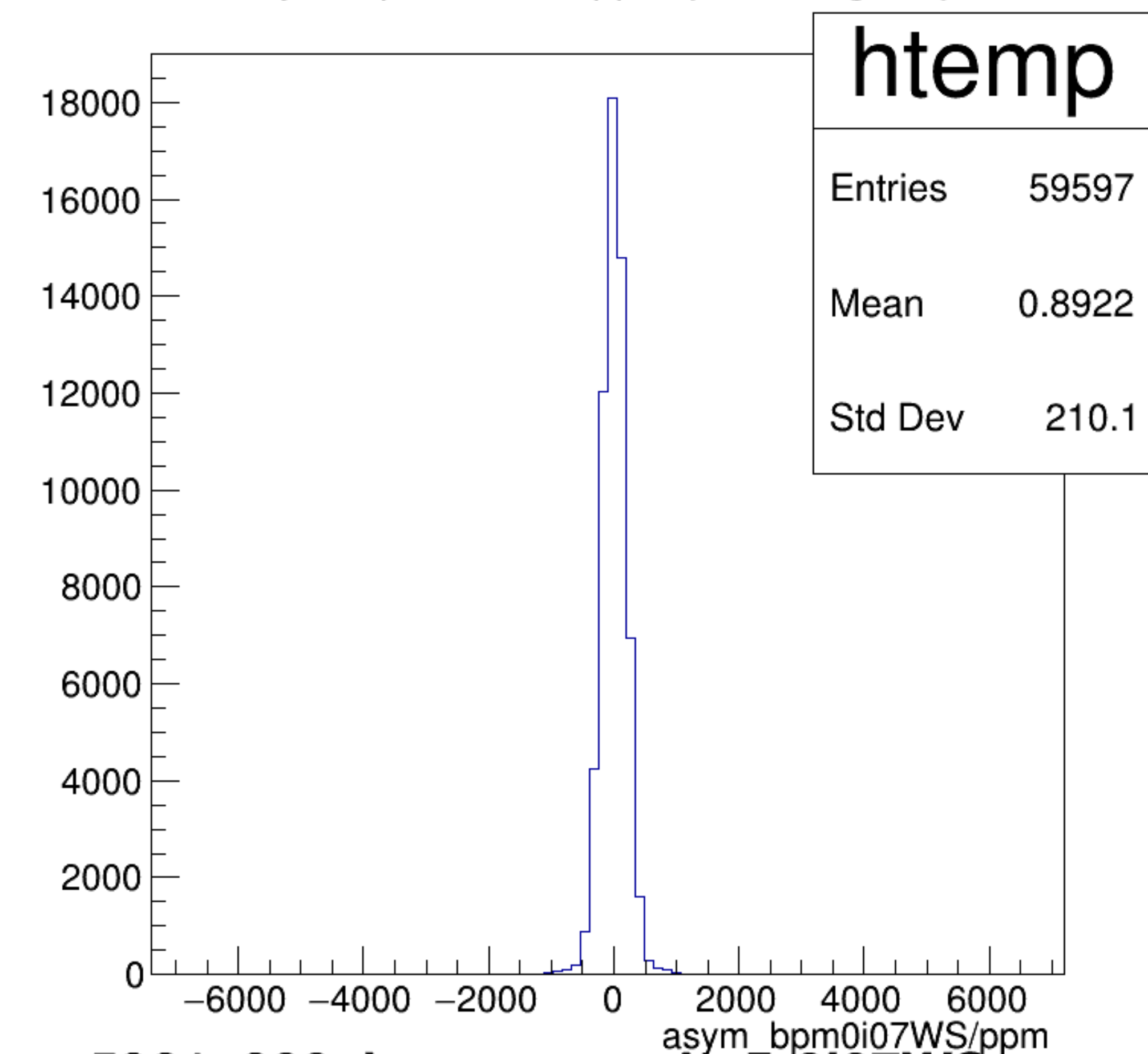
asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}



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

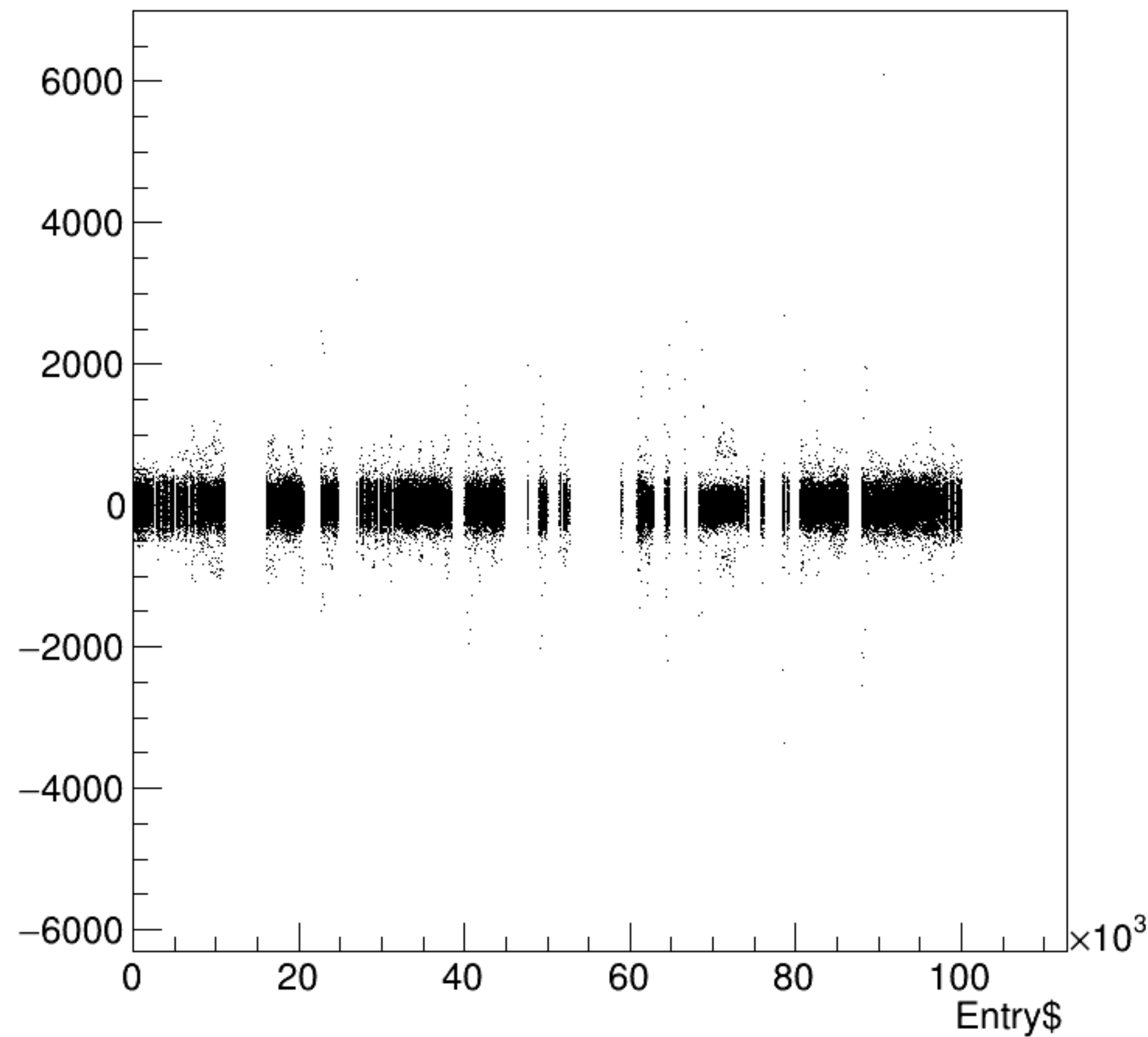


asym_bpm0i07WS/ppm {ErrorFlag==0}

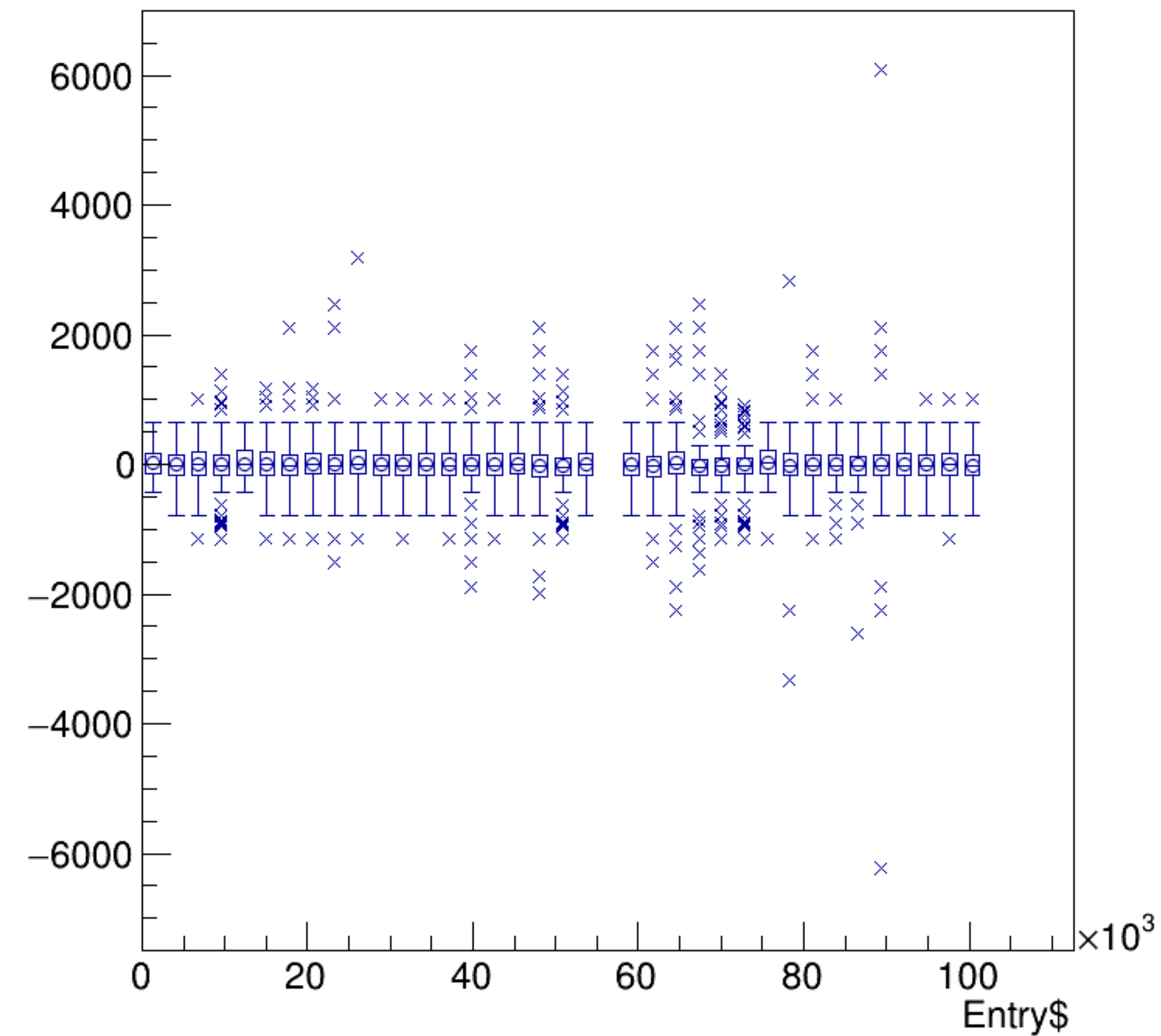


run5961_000_bpm_asym_bpm0i07WS.png

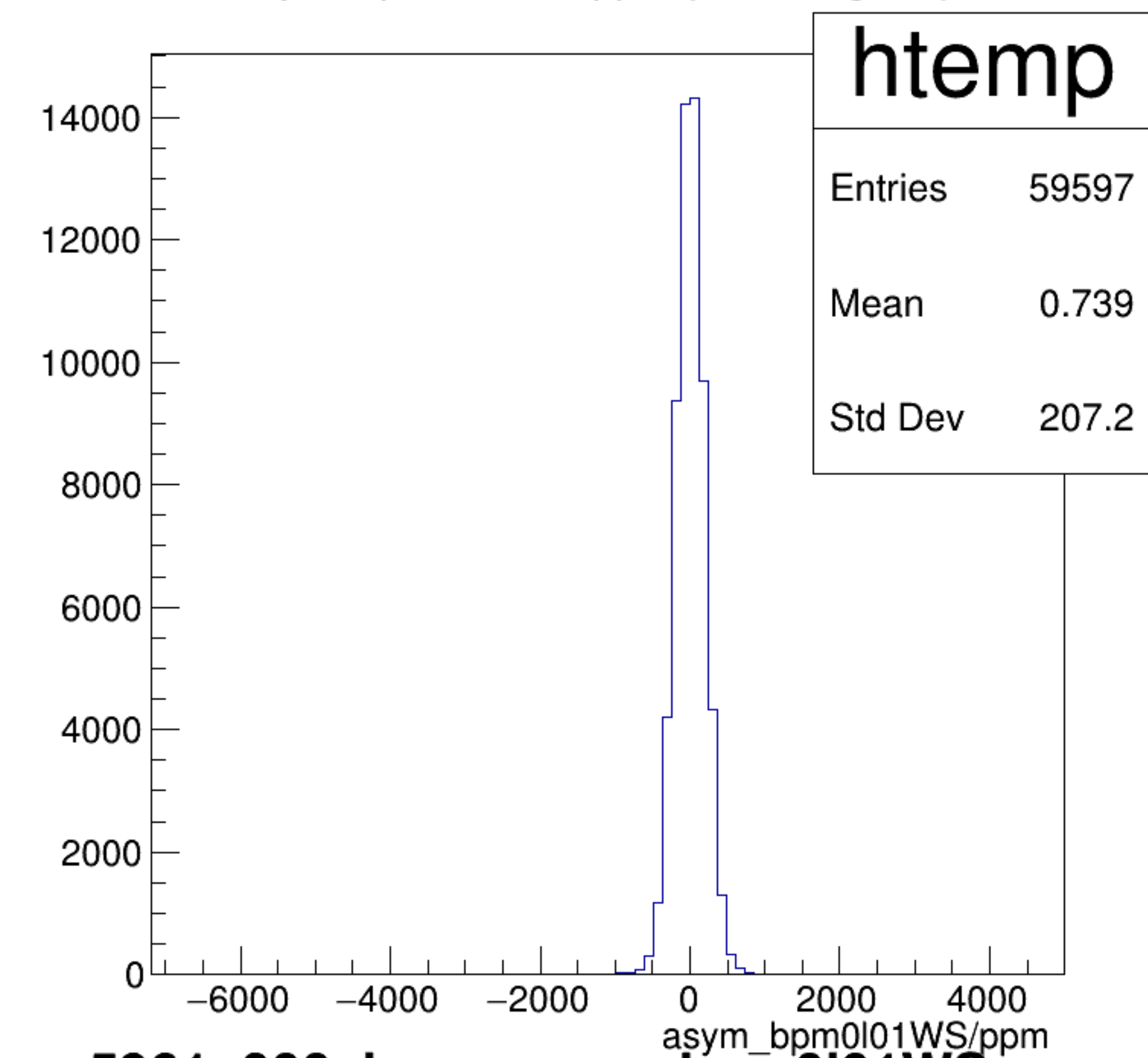
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



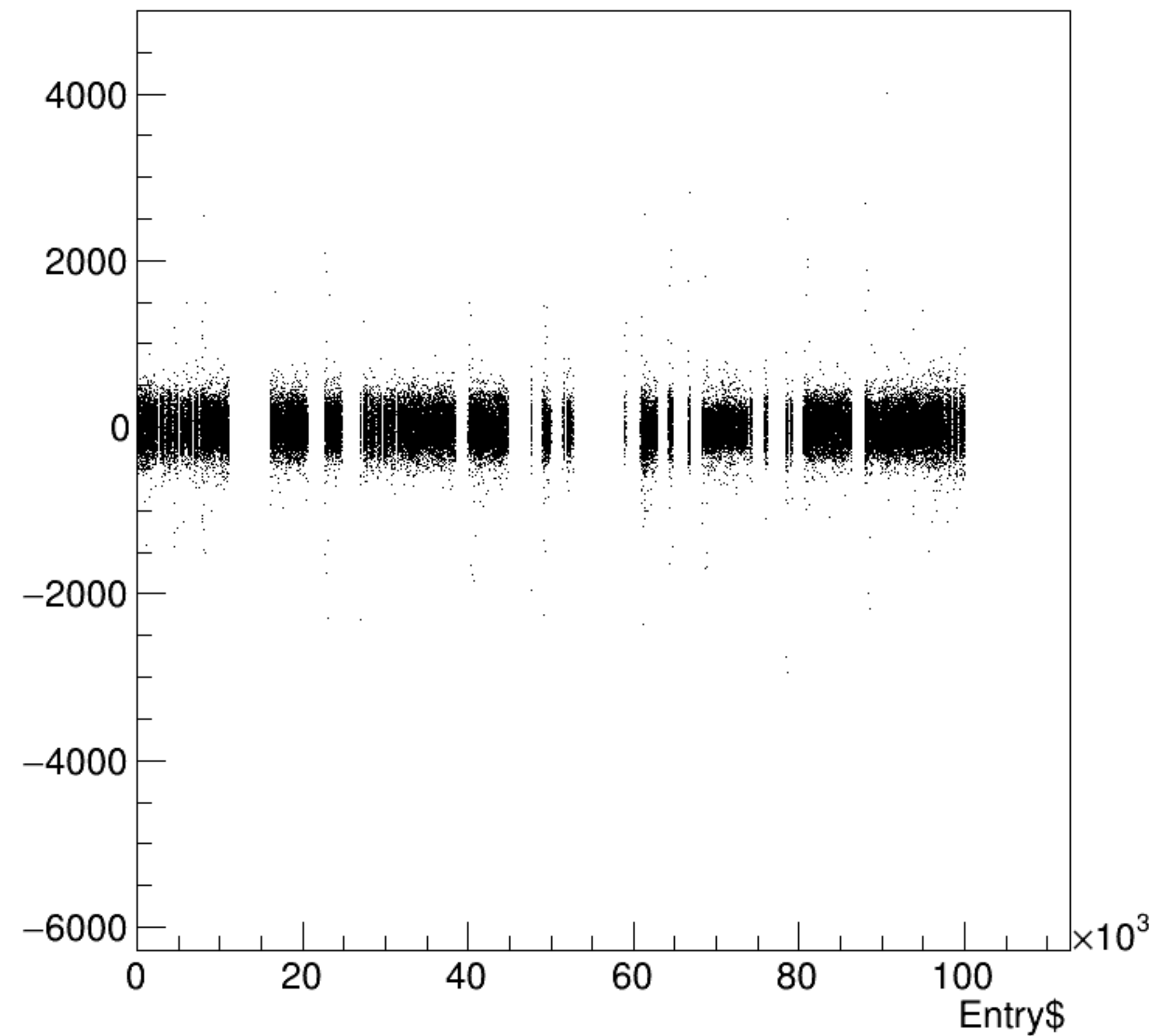
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



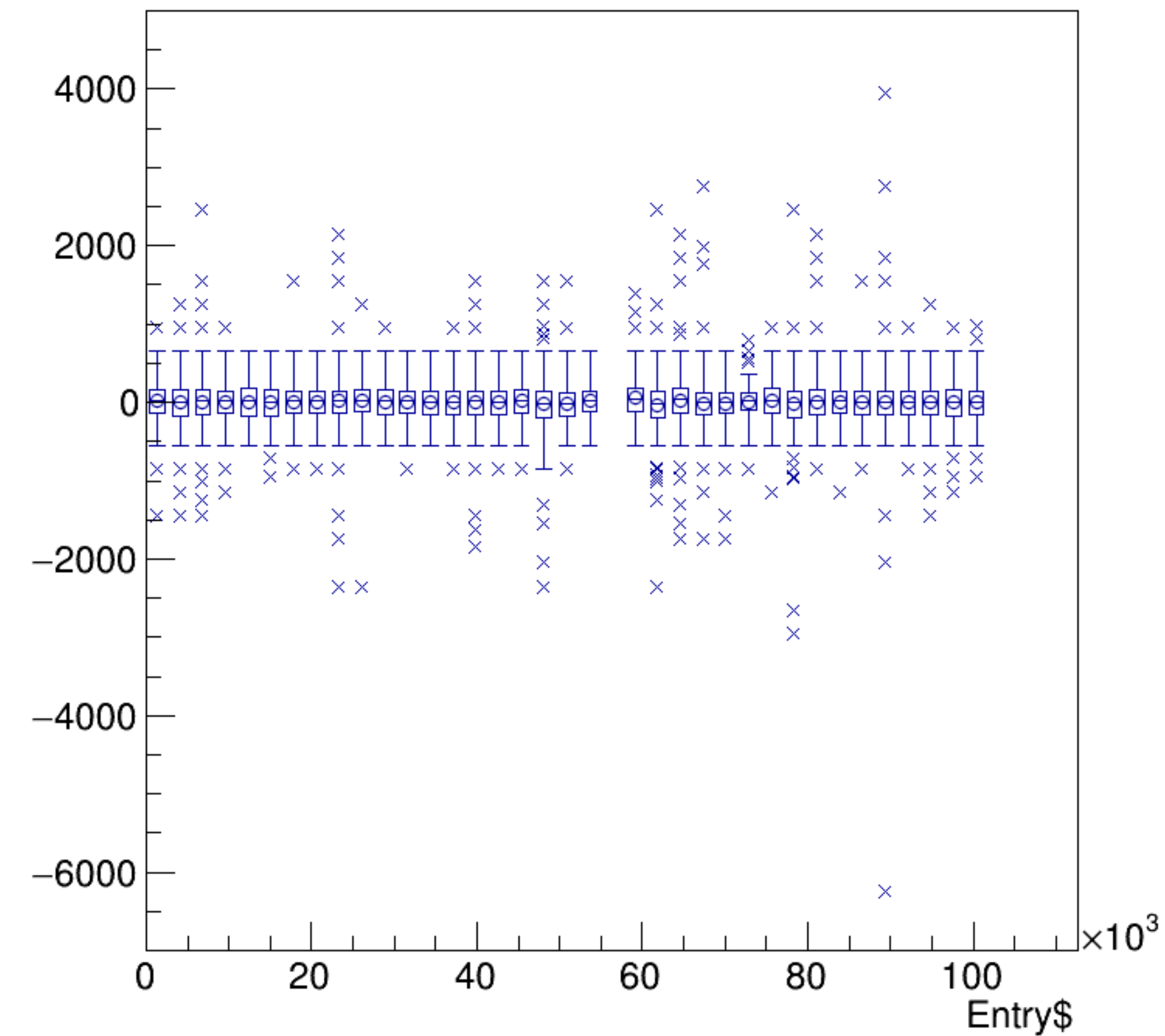
asym_bpm0l01WS/ppm {ErrorFlag==0}



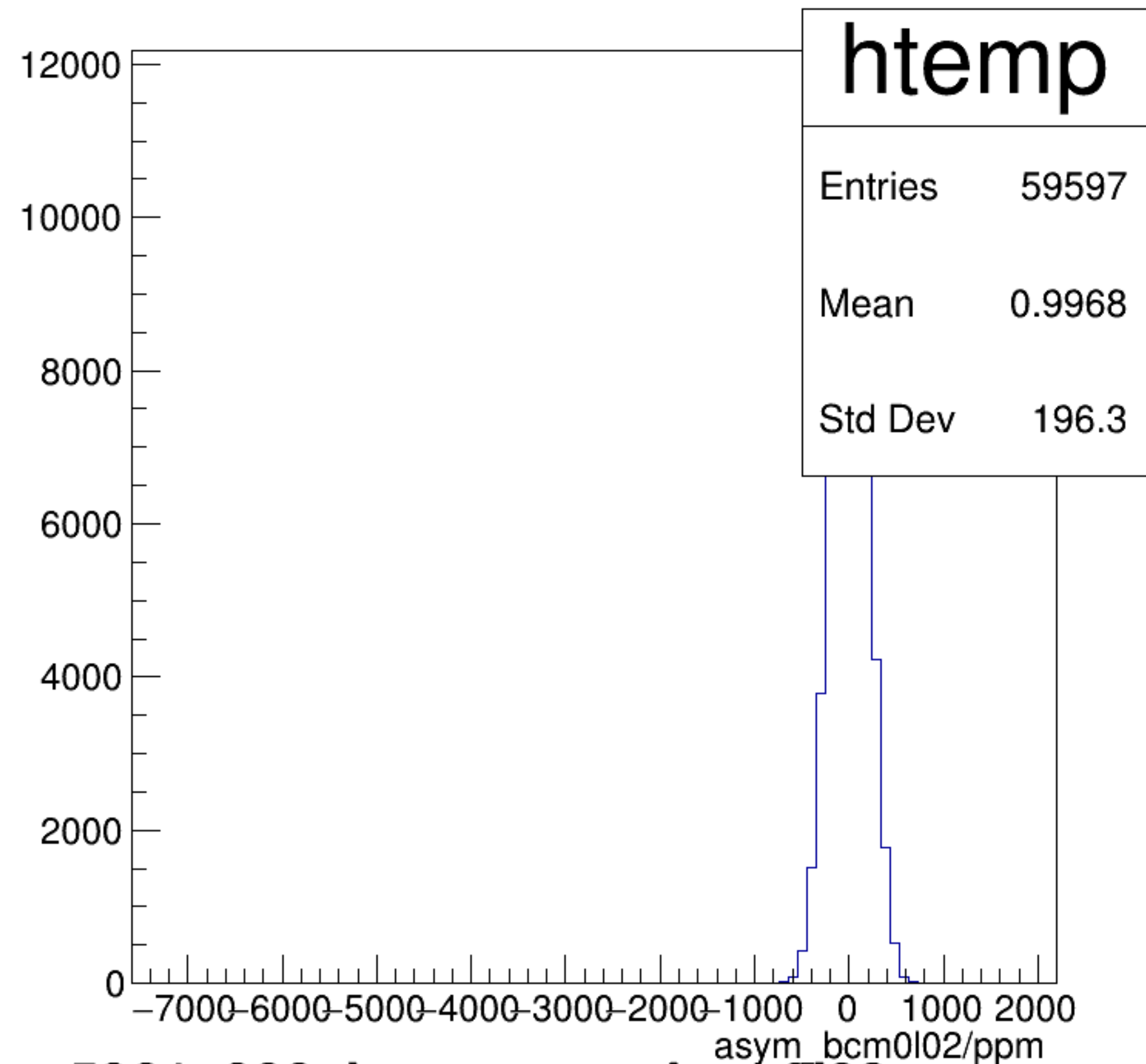
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



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

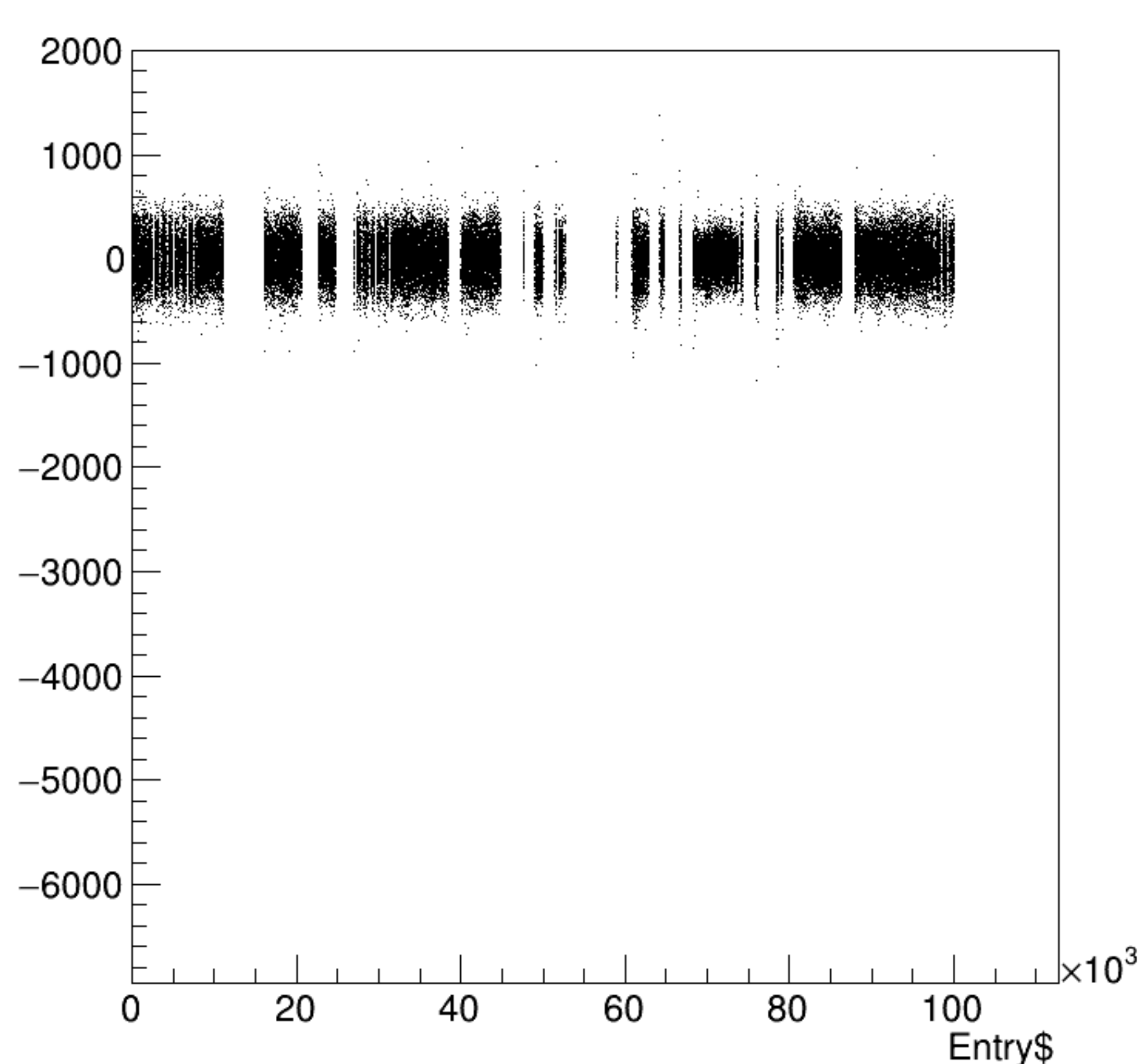


asym_bcm0l02/ppm {ErrorFlag==0}

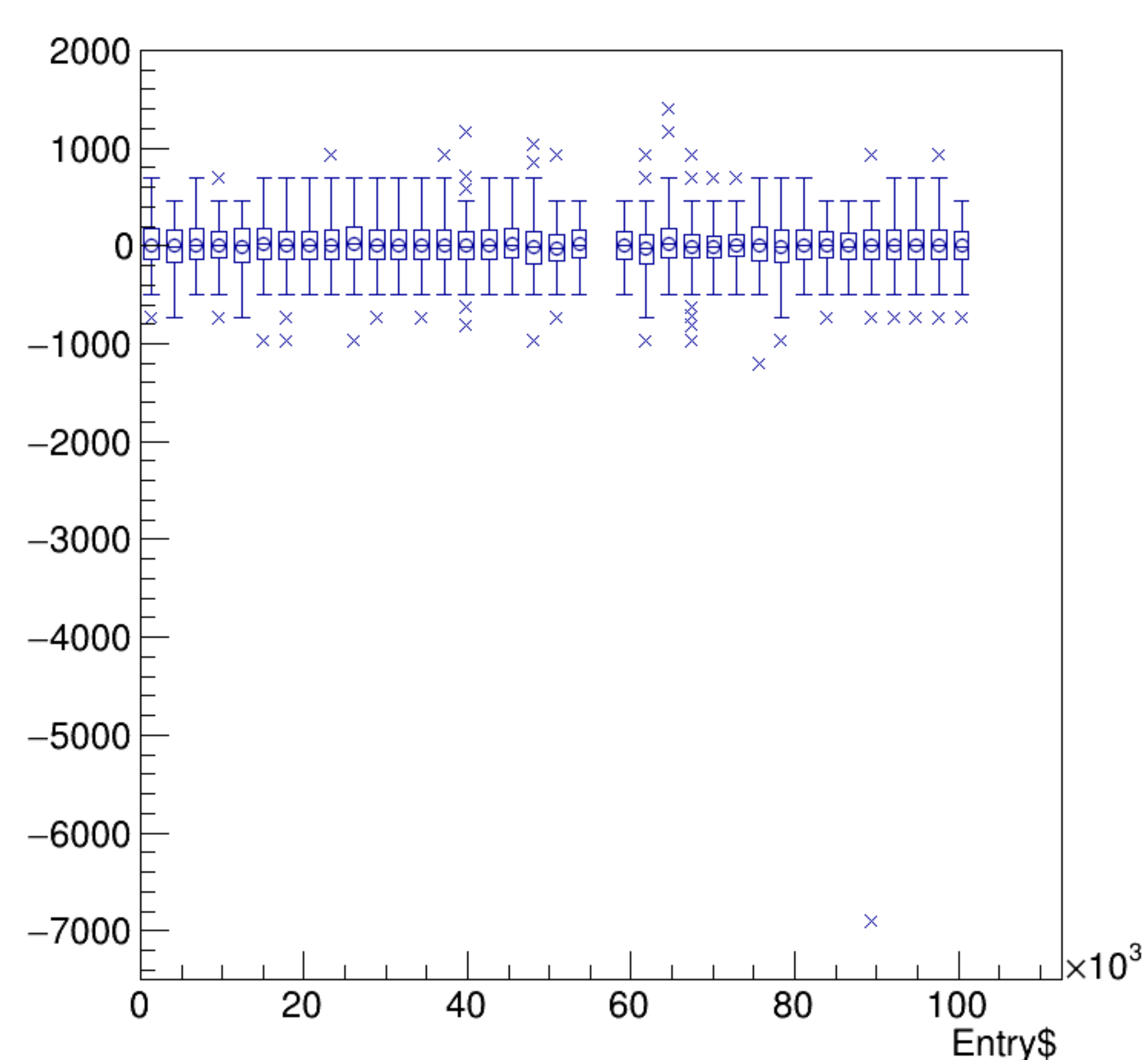


run5961_000_bpm_asym_bcm0l02.png

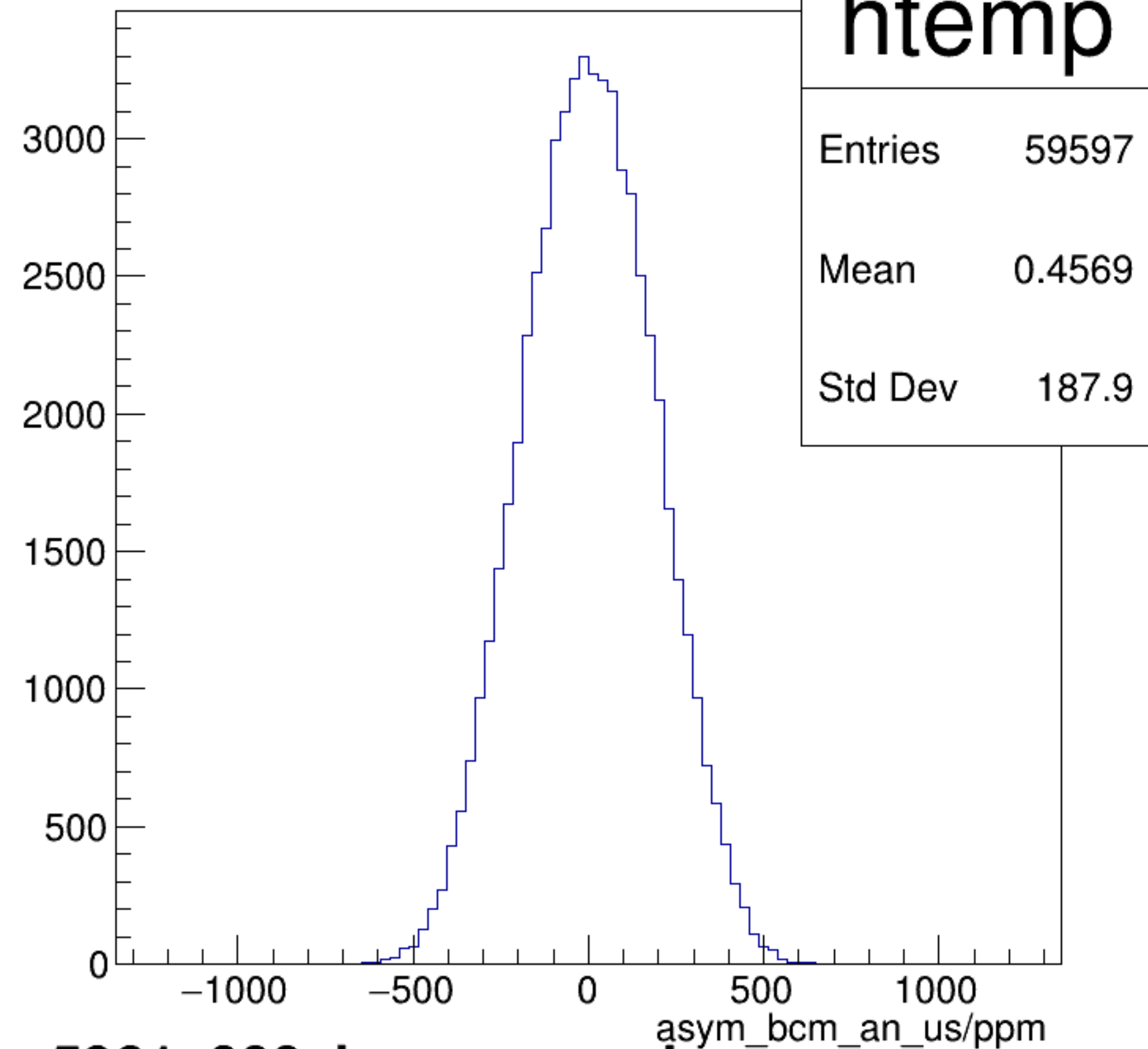
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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

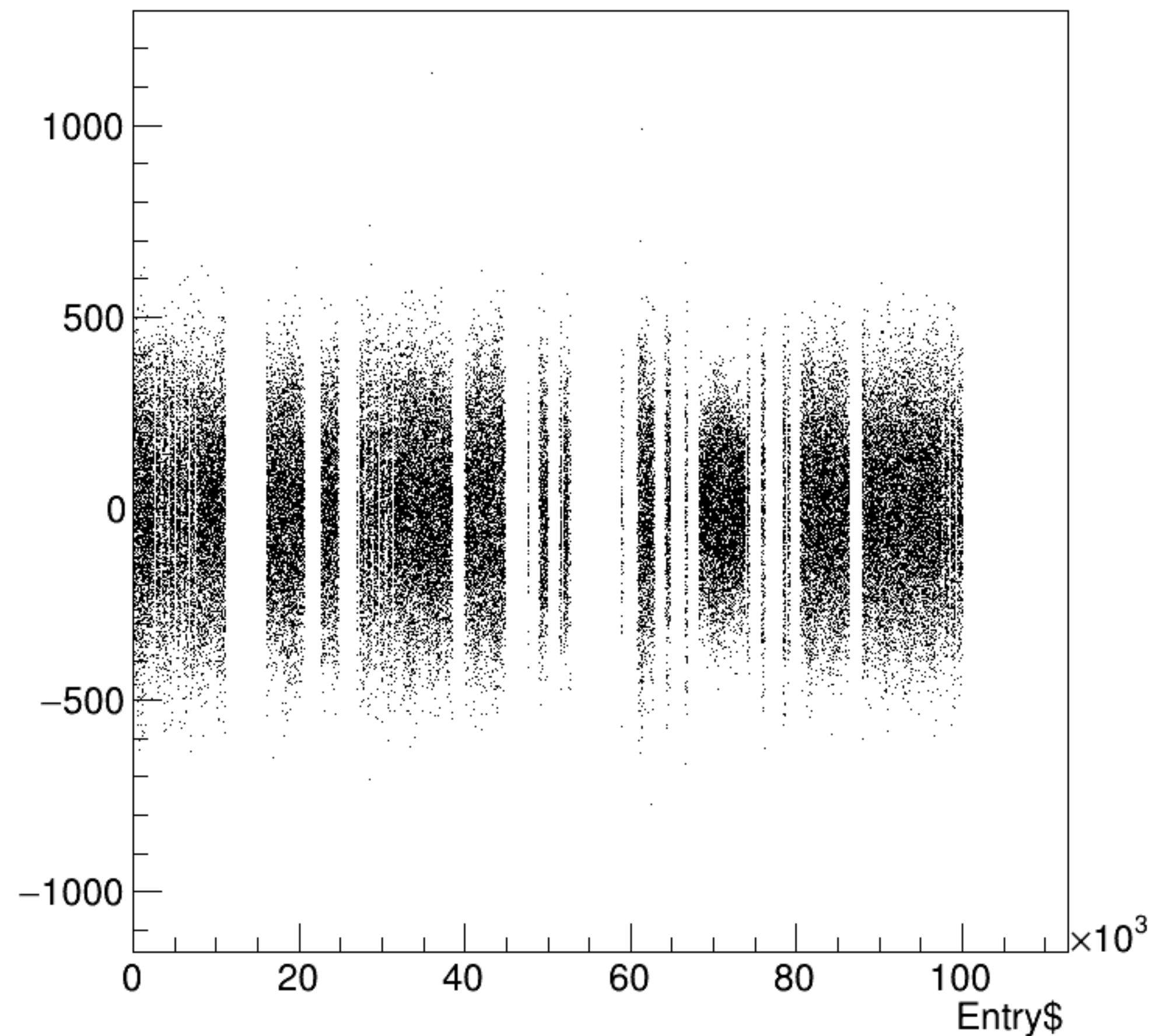


asym_bcm_an_us/ppm {ErrorFlag==0}

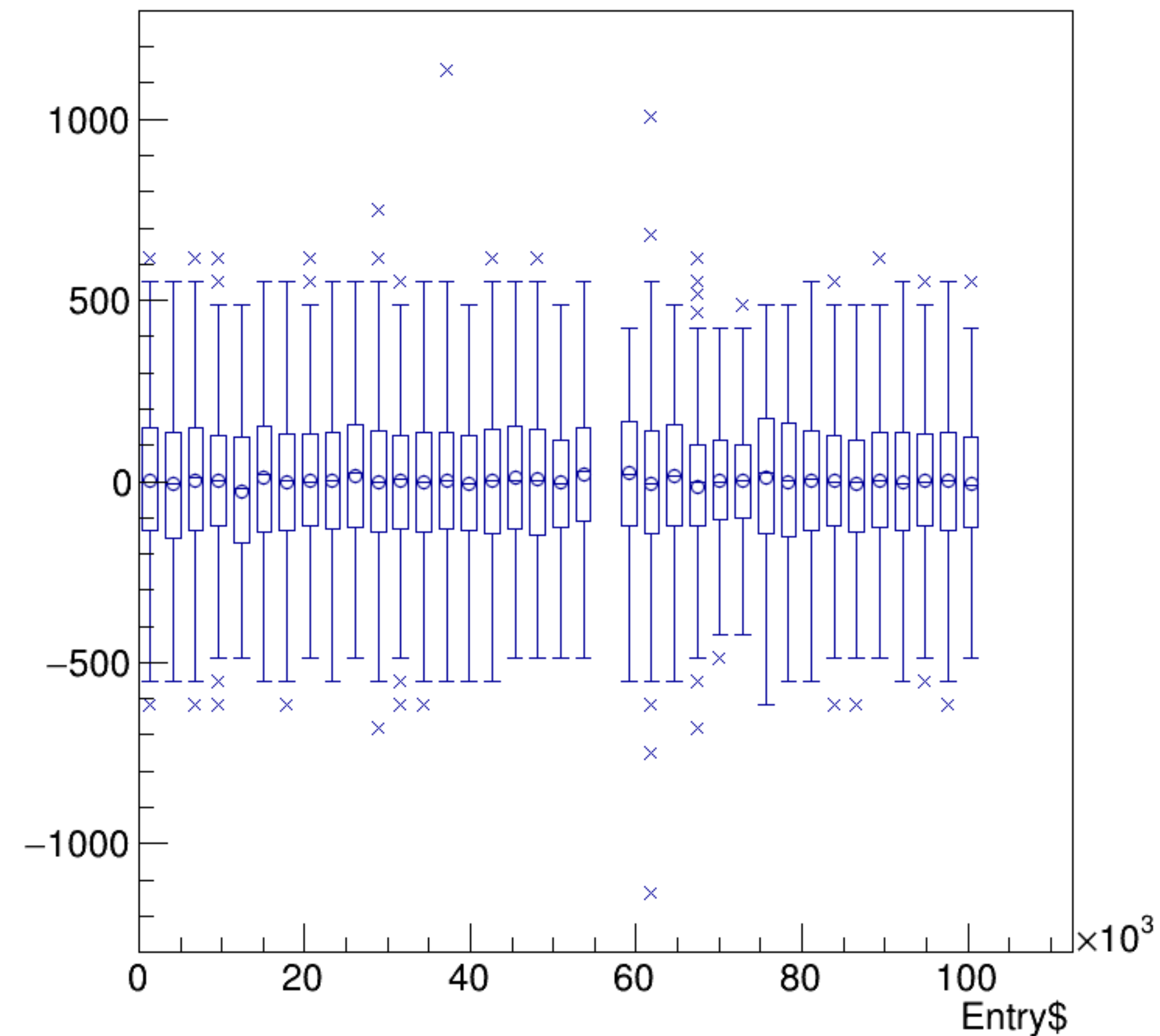


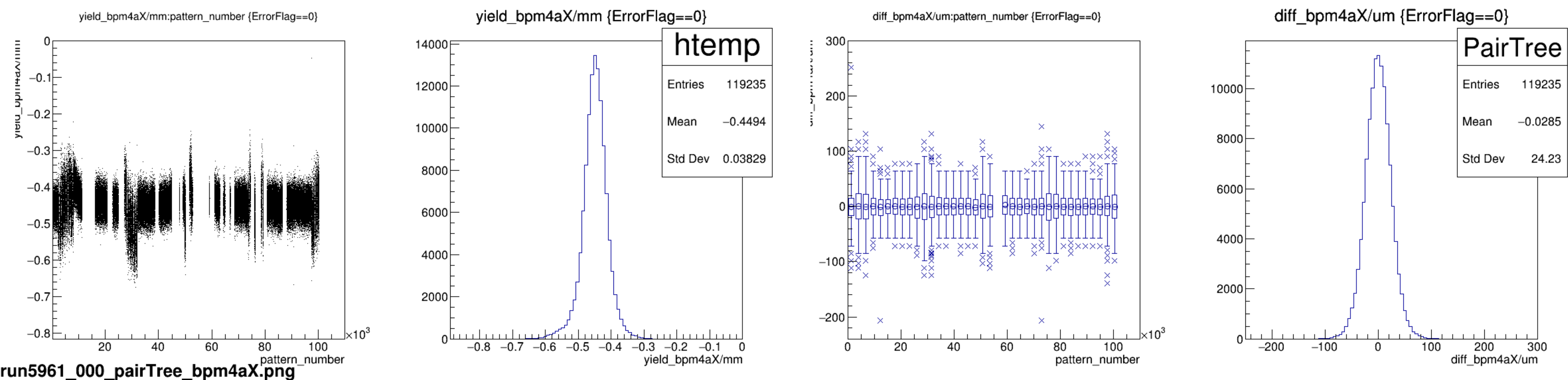
run5961_000_bpm_asym_bcm_an_us.png

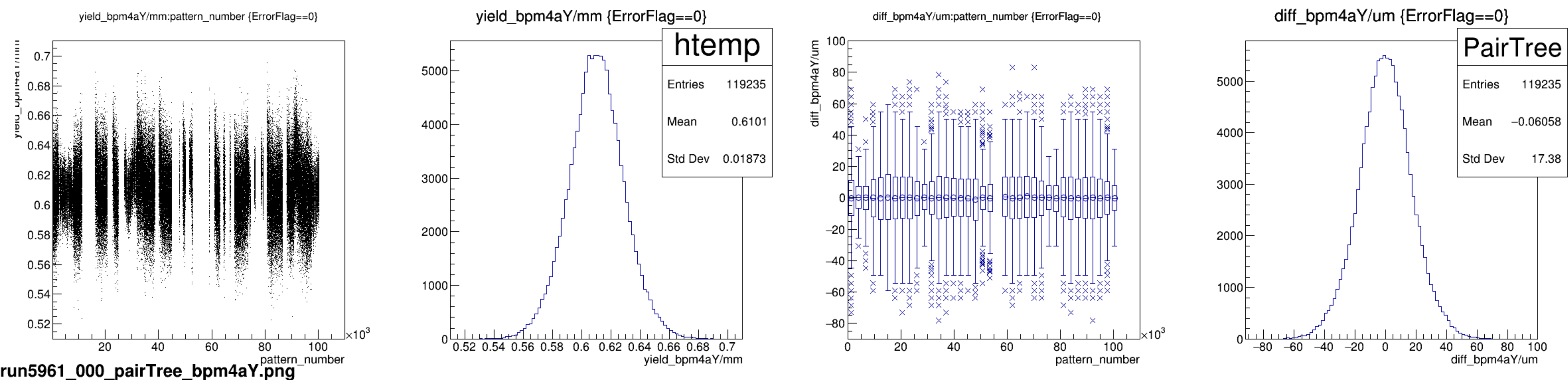
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}

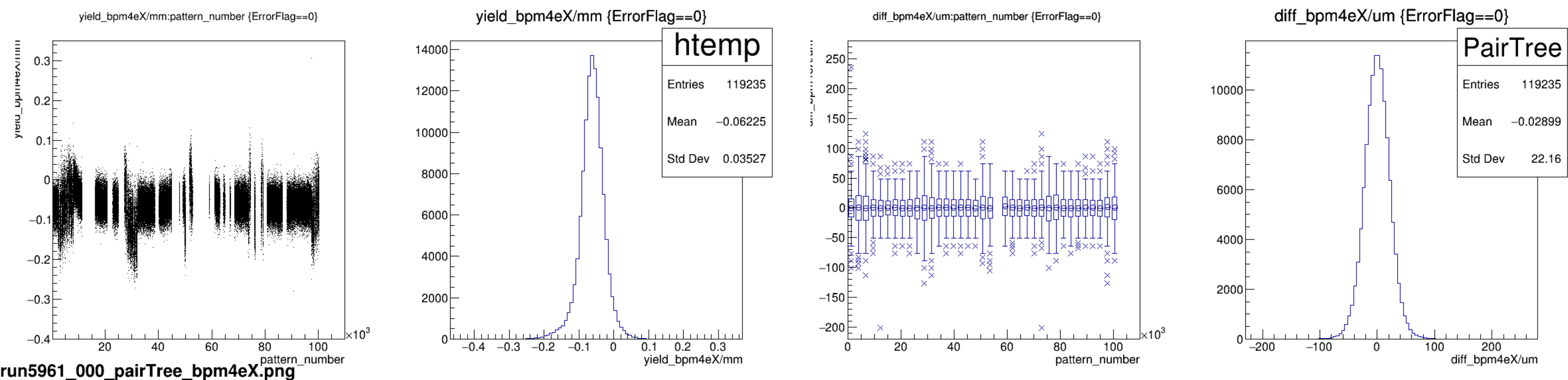


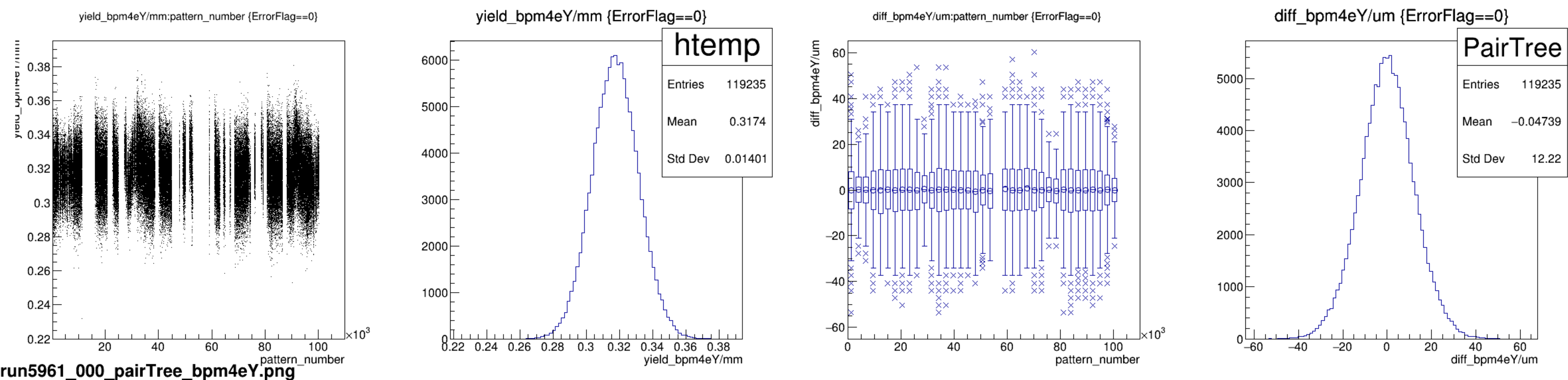
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}

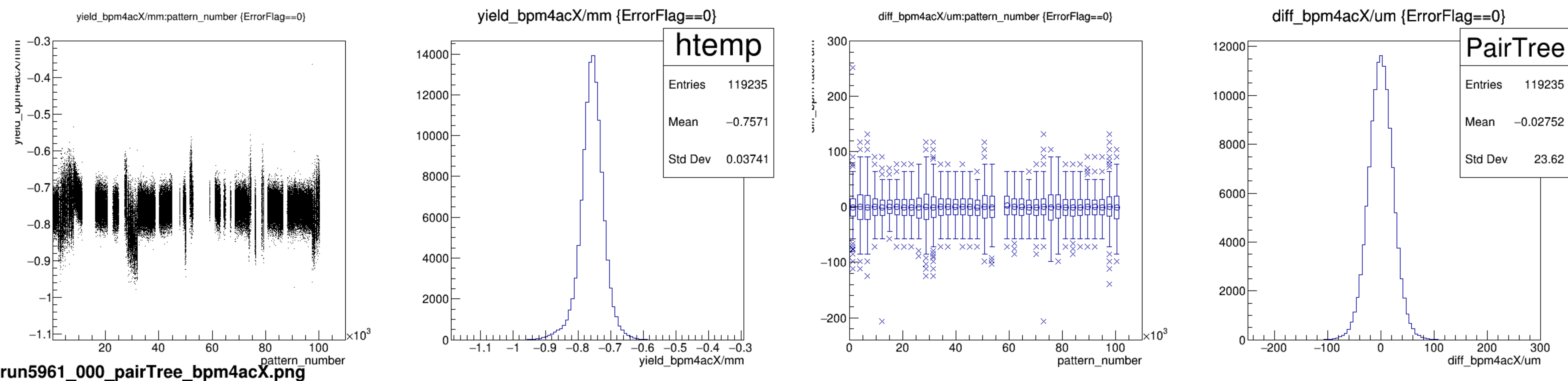


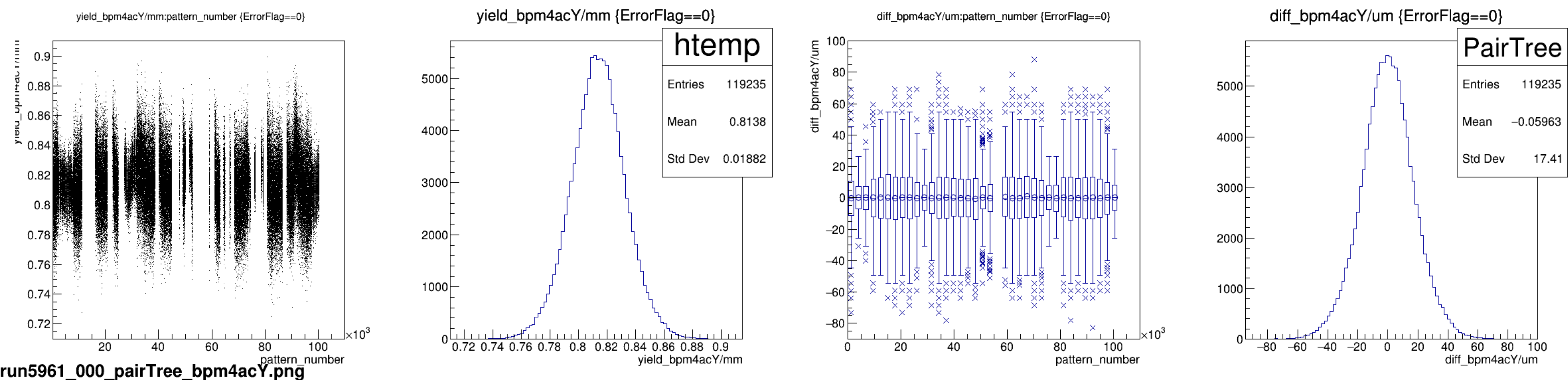


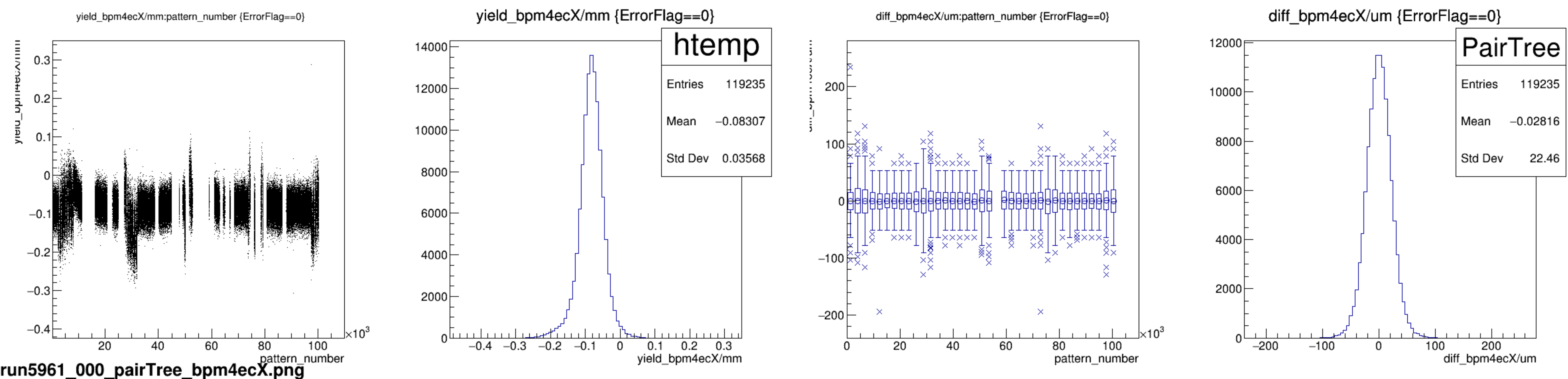


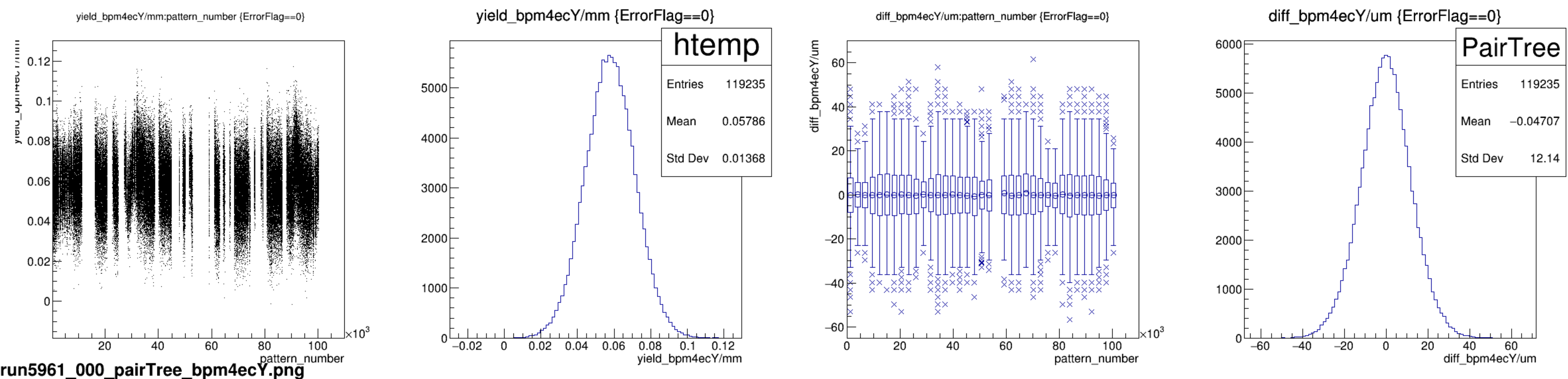




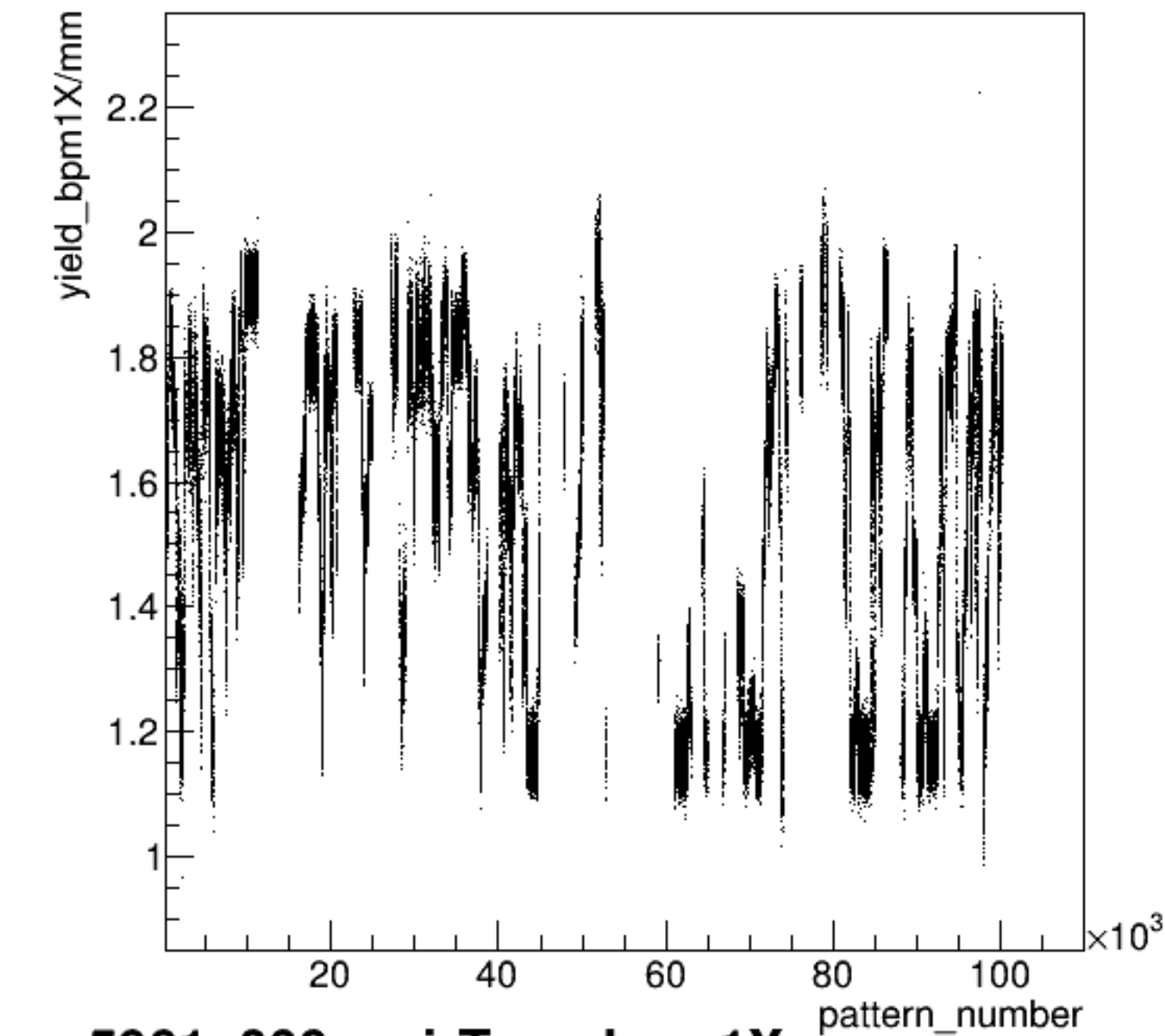






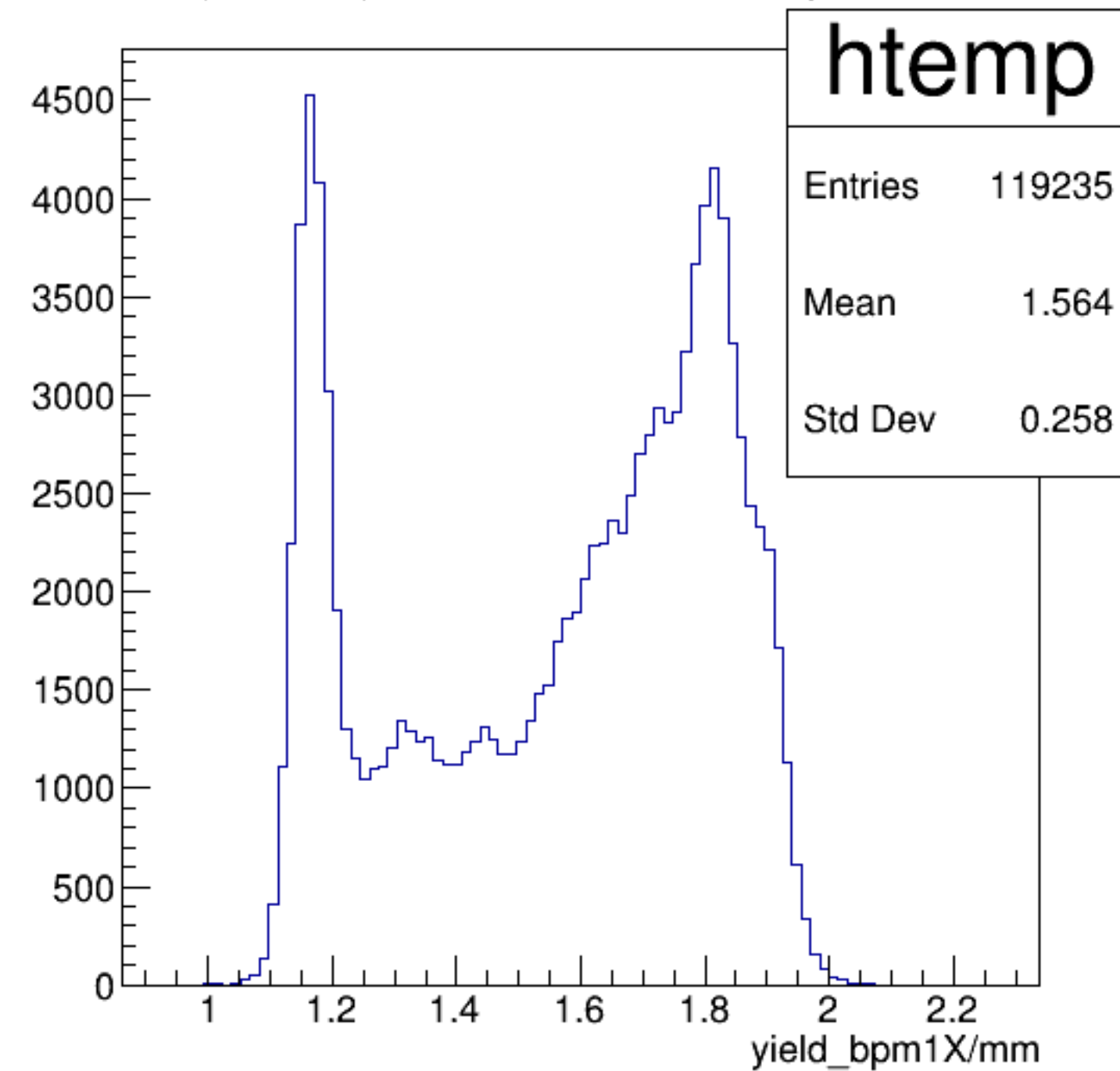


yield_bpm1X/mm:pattern_number {ErrorFlag==0}

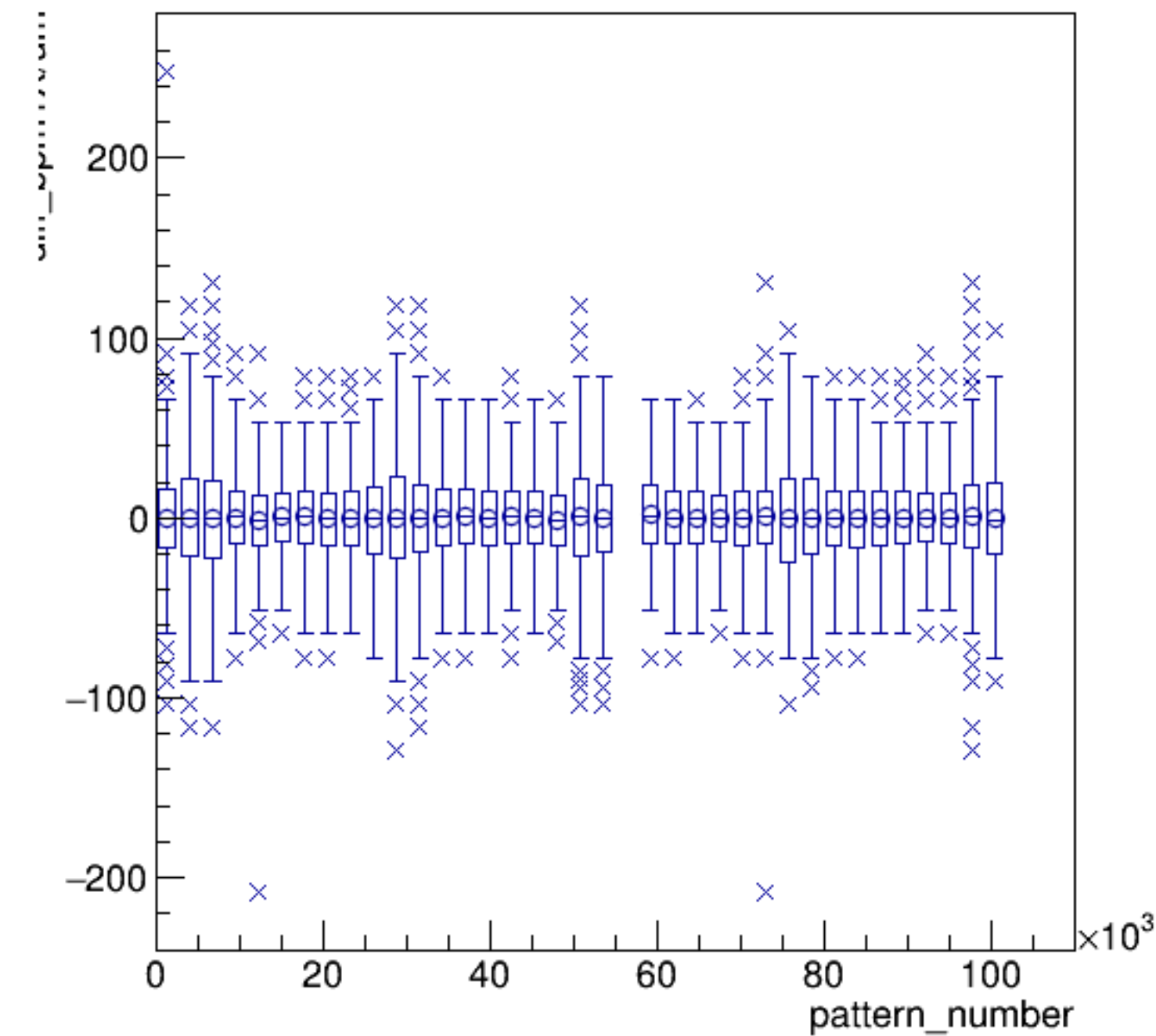


run5961_000_pairTree_bpm1X.png

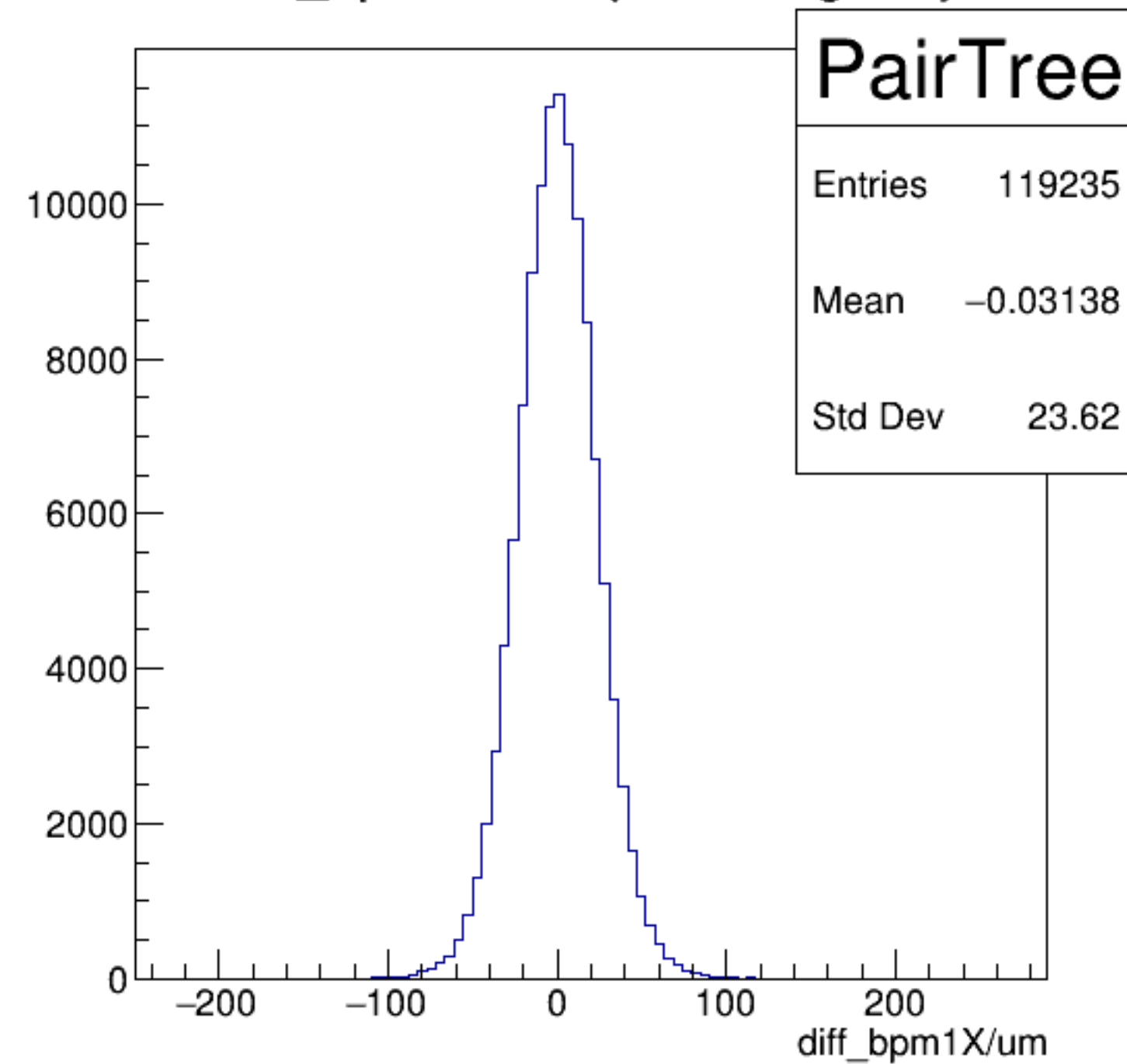
yield_bpm1X/mm {ErrorFlag==0}

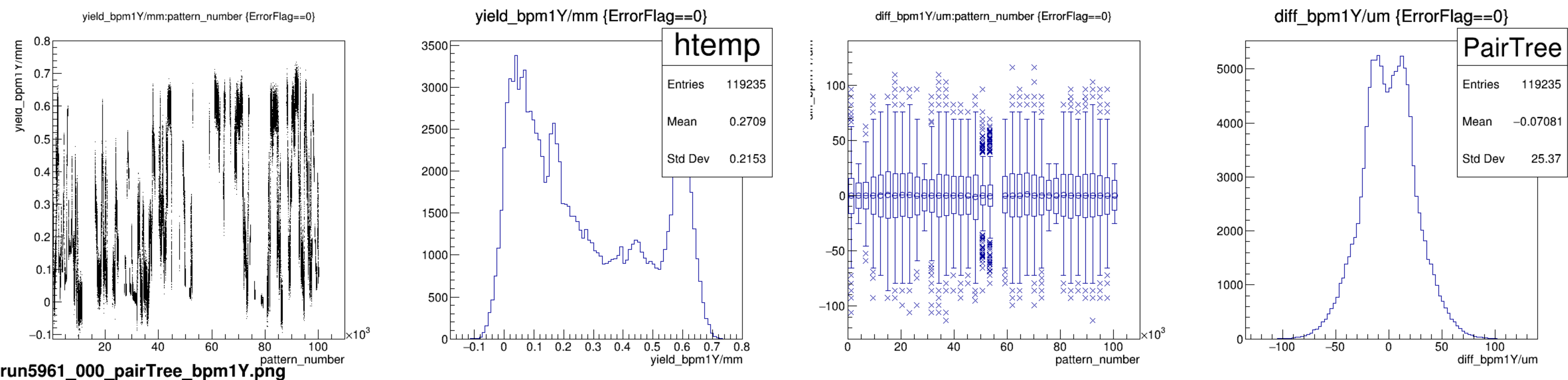


diff_bpm1X/um:pattern_number {ErrorFlag==0}

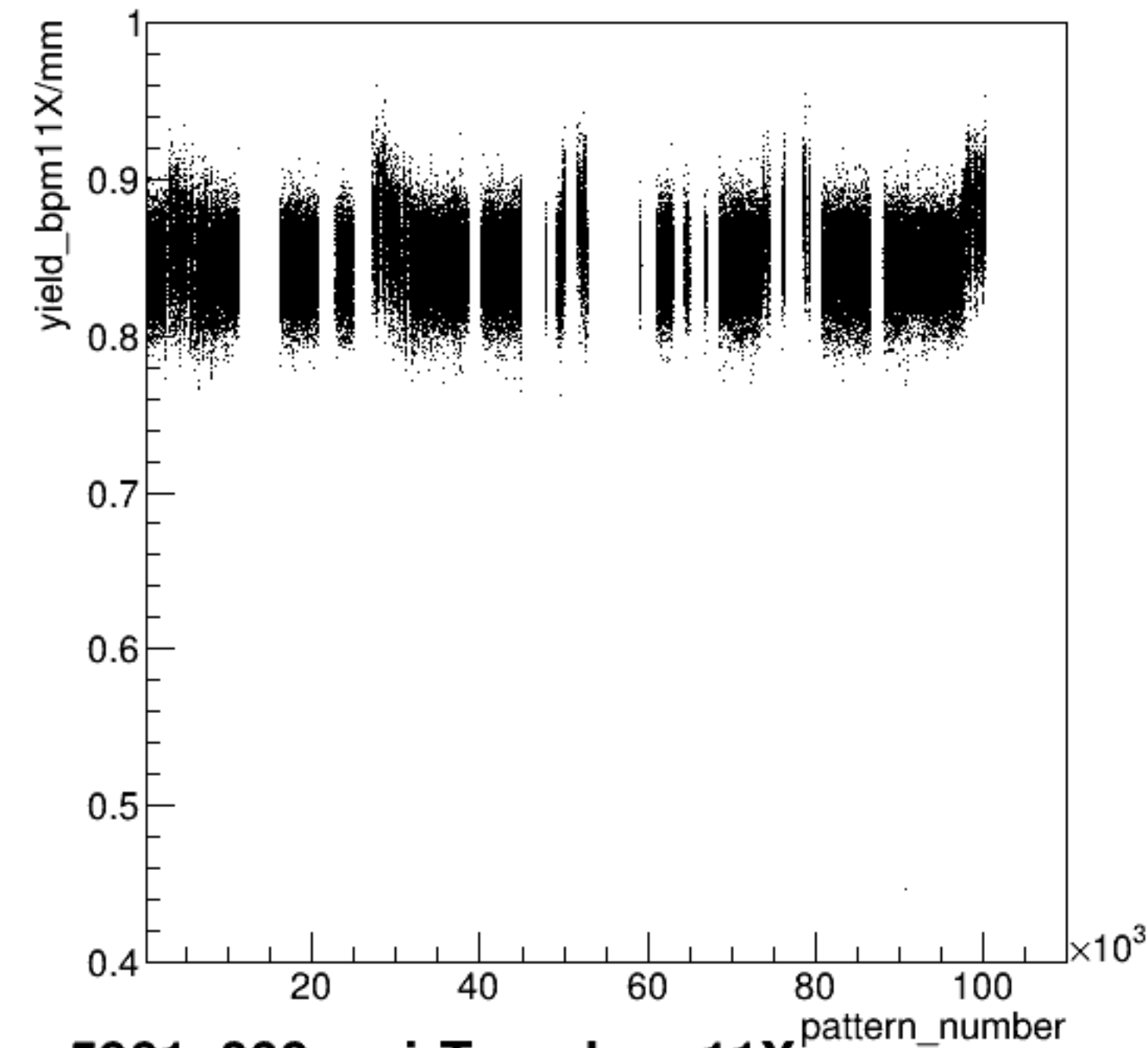


diff_bpm1X/um {ErrorFlag==0}

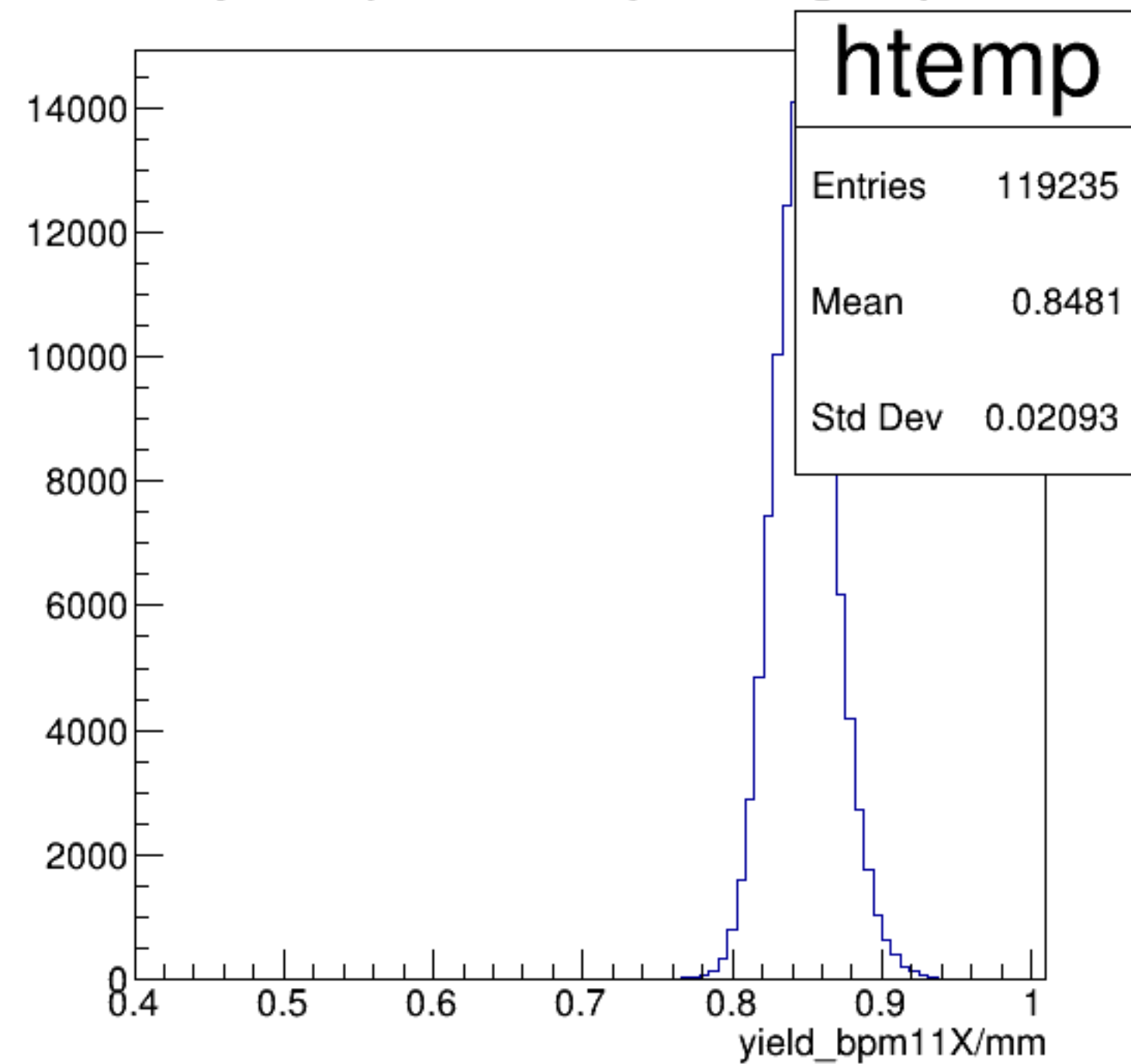




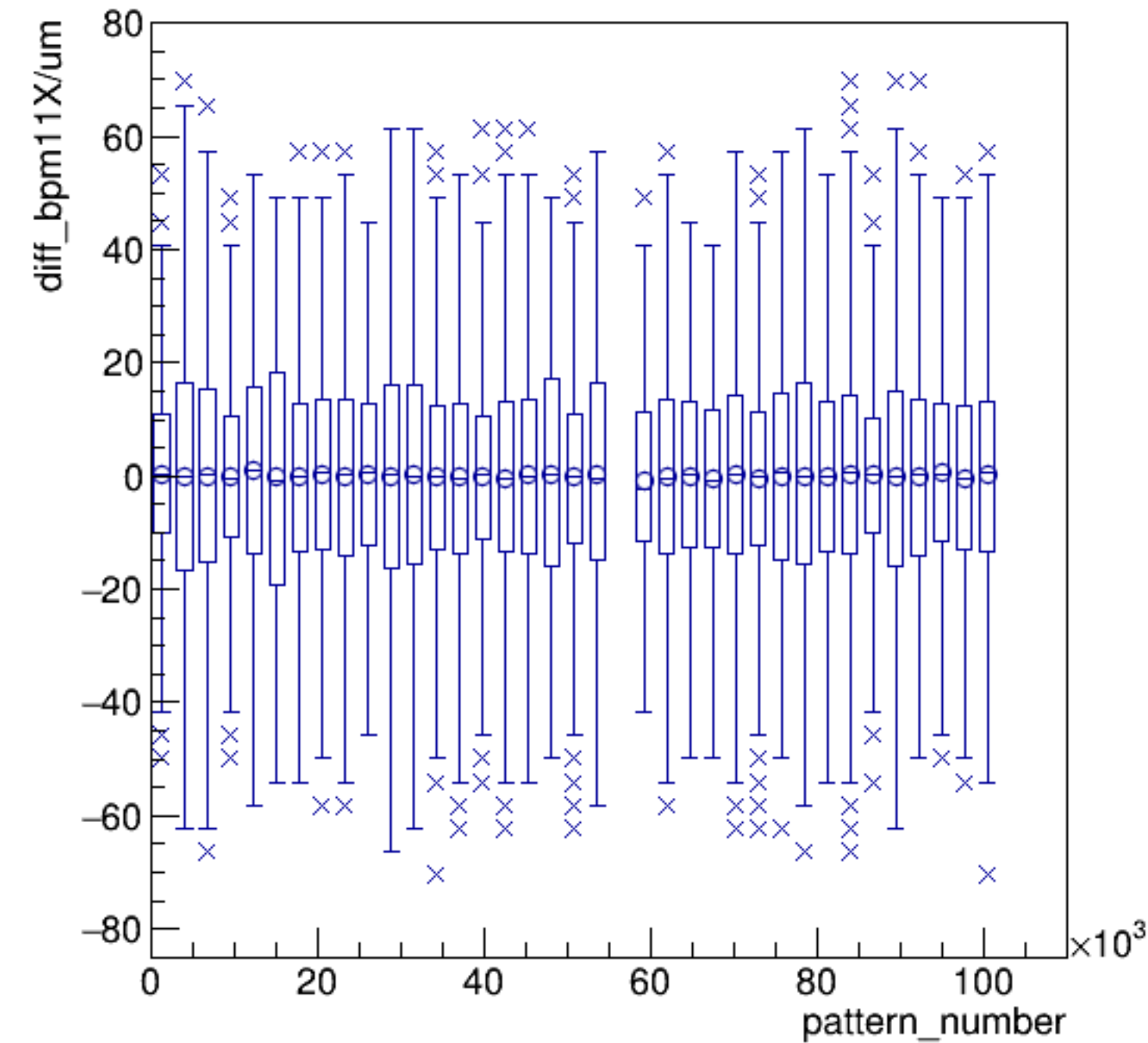
yield_bpm11X/mm:pattern_number {ErrorFlag==0}



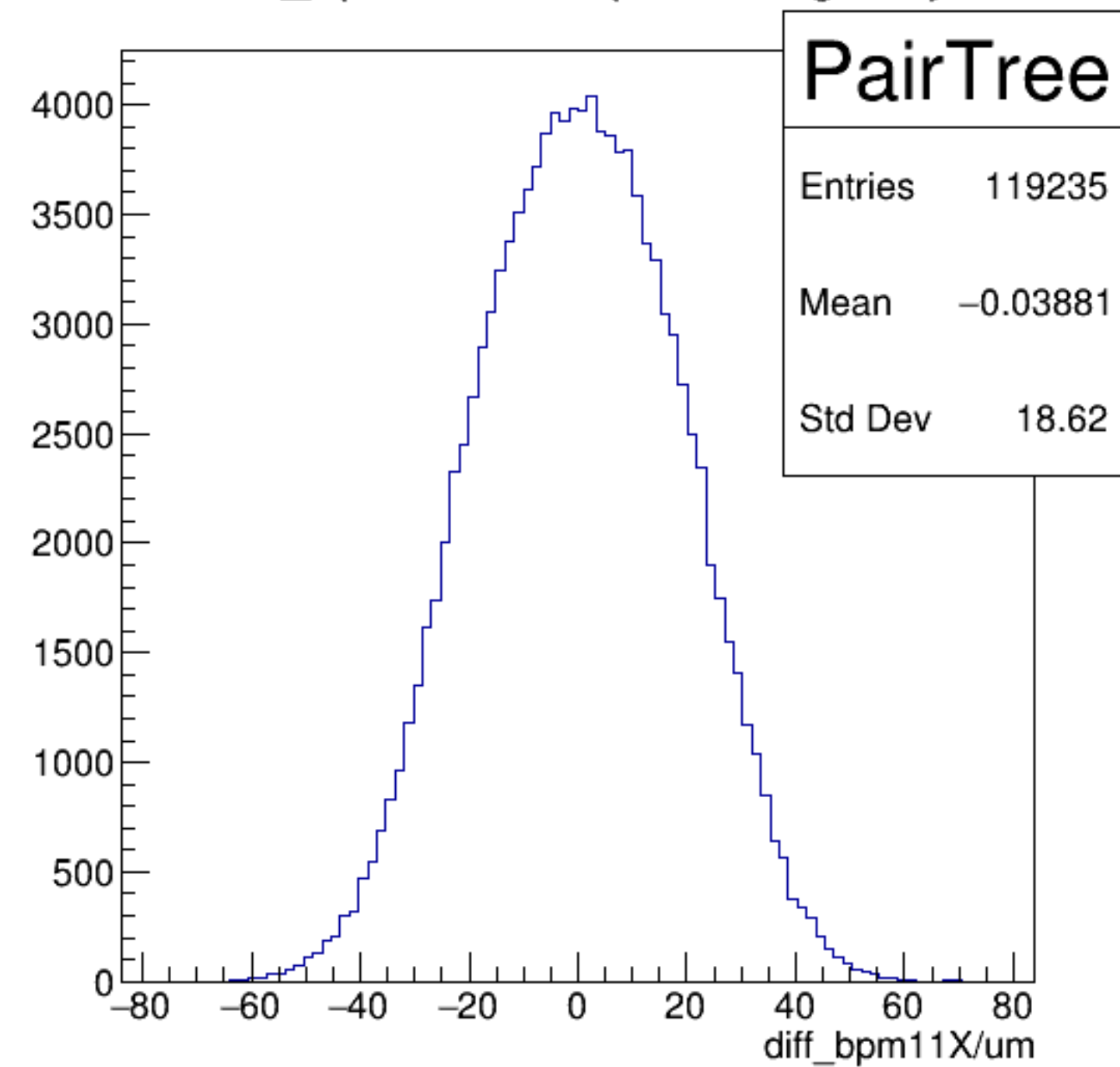
yield_bpm11X/mm {ErrorFlag==0}



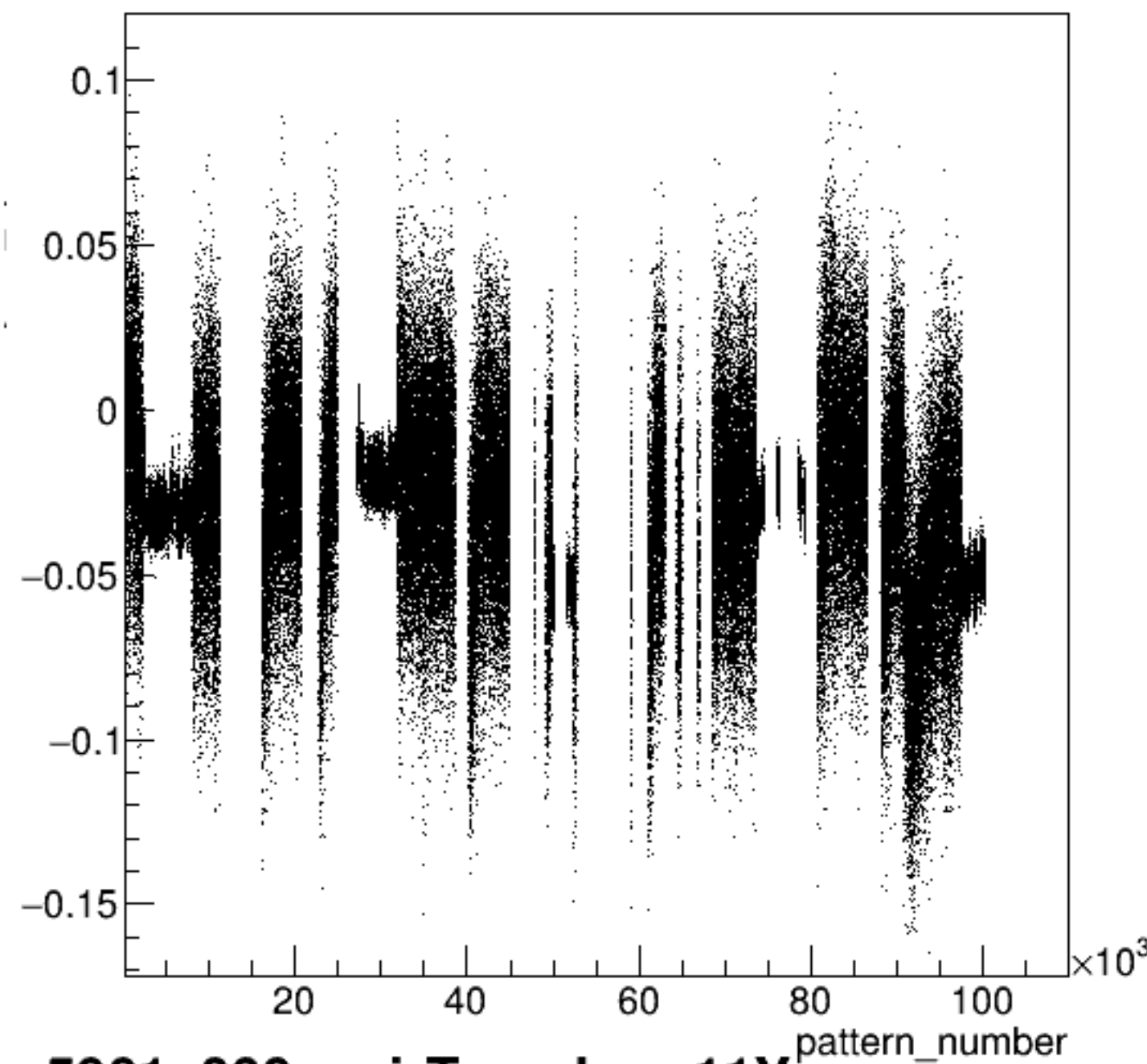
diff_bpm11X/um:pattern_number {ErrorFlag==0}



diff_bpm11X/um {ErrorFlag==0}

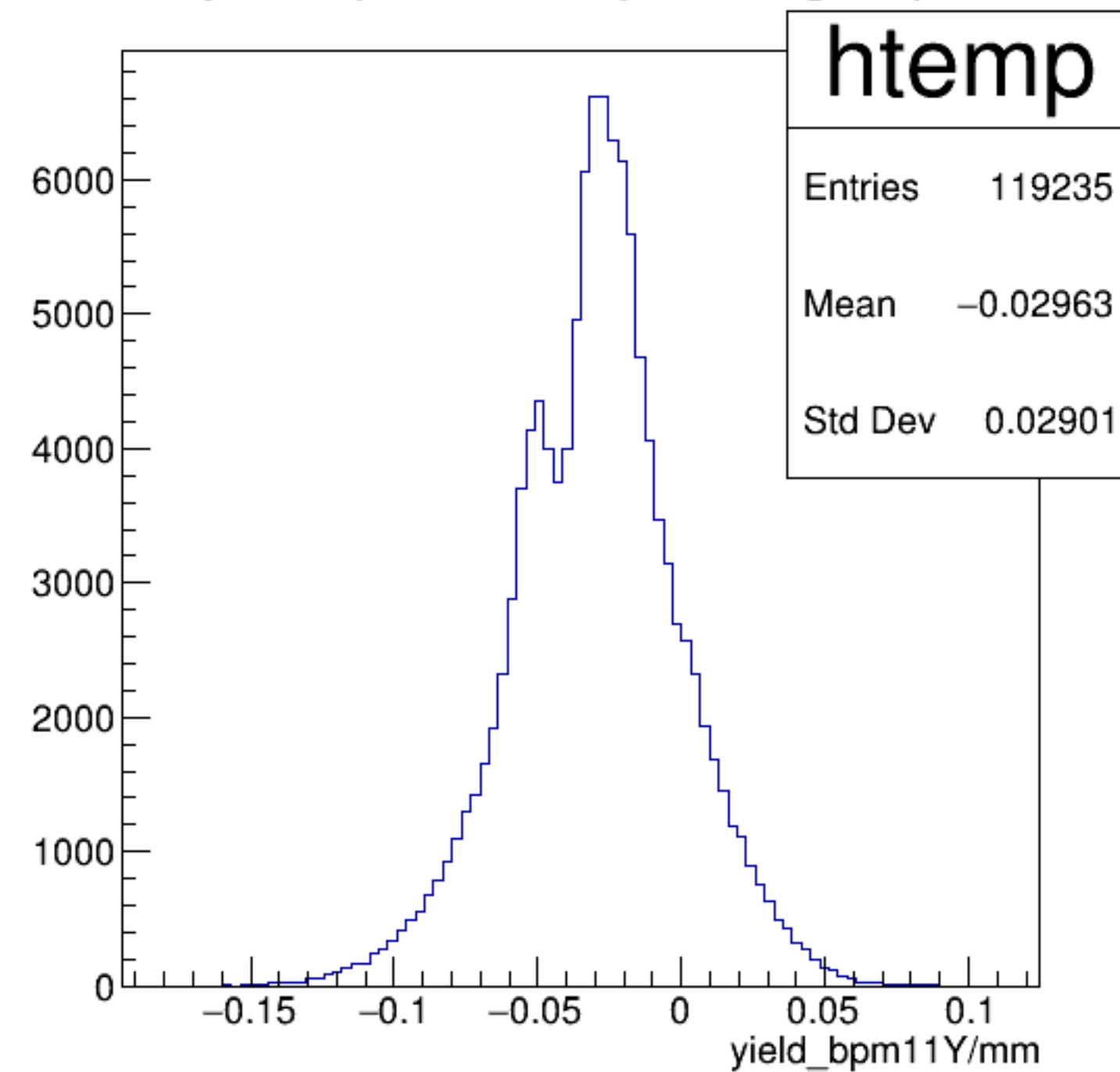


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

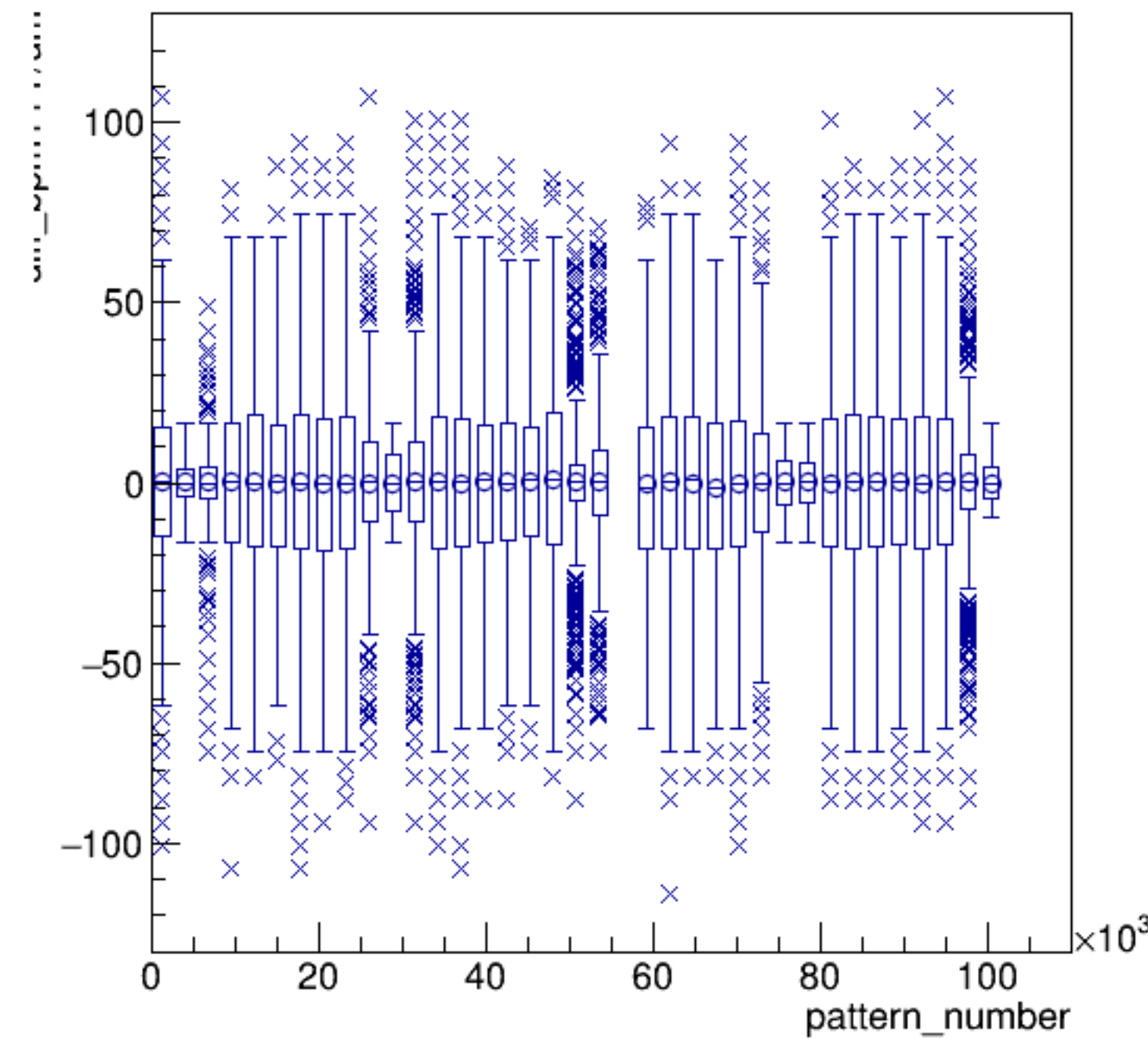


run5961_000_pairTree_bpm11Y.png

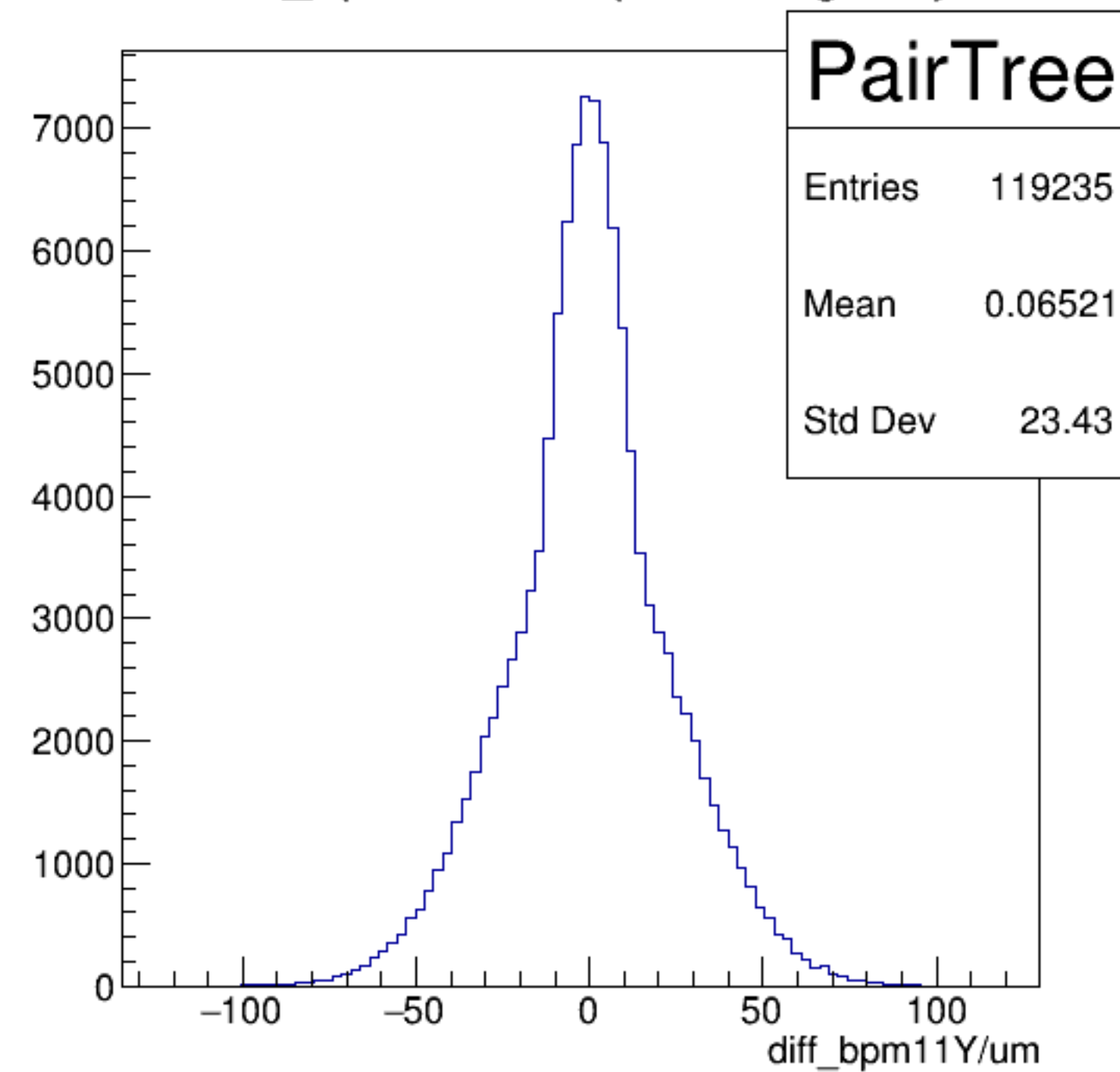
yield_bpm11Y/mm {ErrorFlag==0}



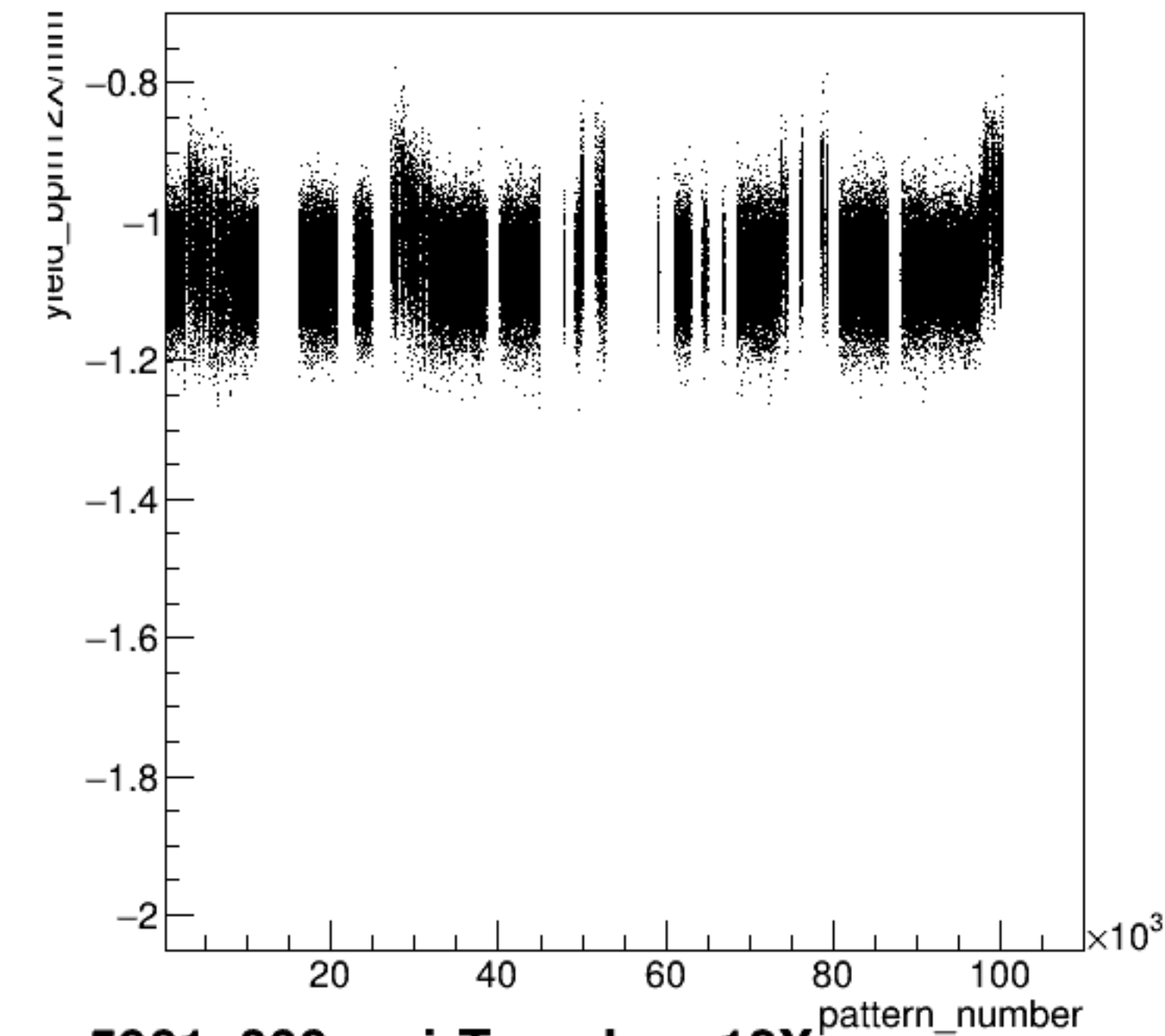
diff_bpm11Y/um:pattern_number {ErrorFlag==0}



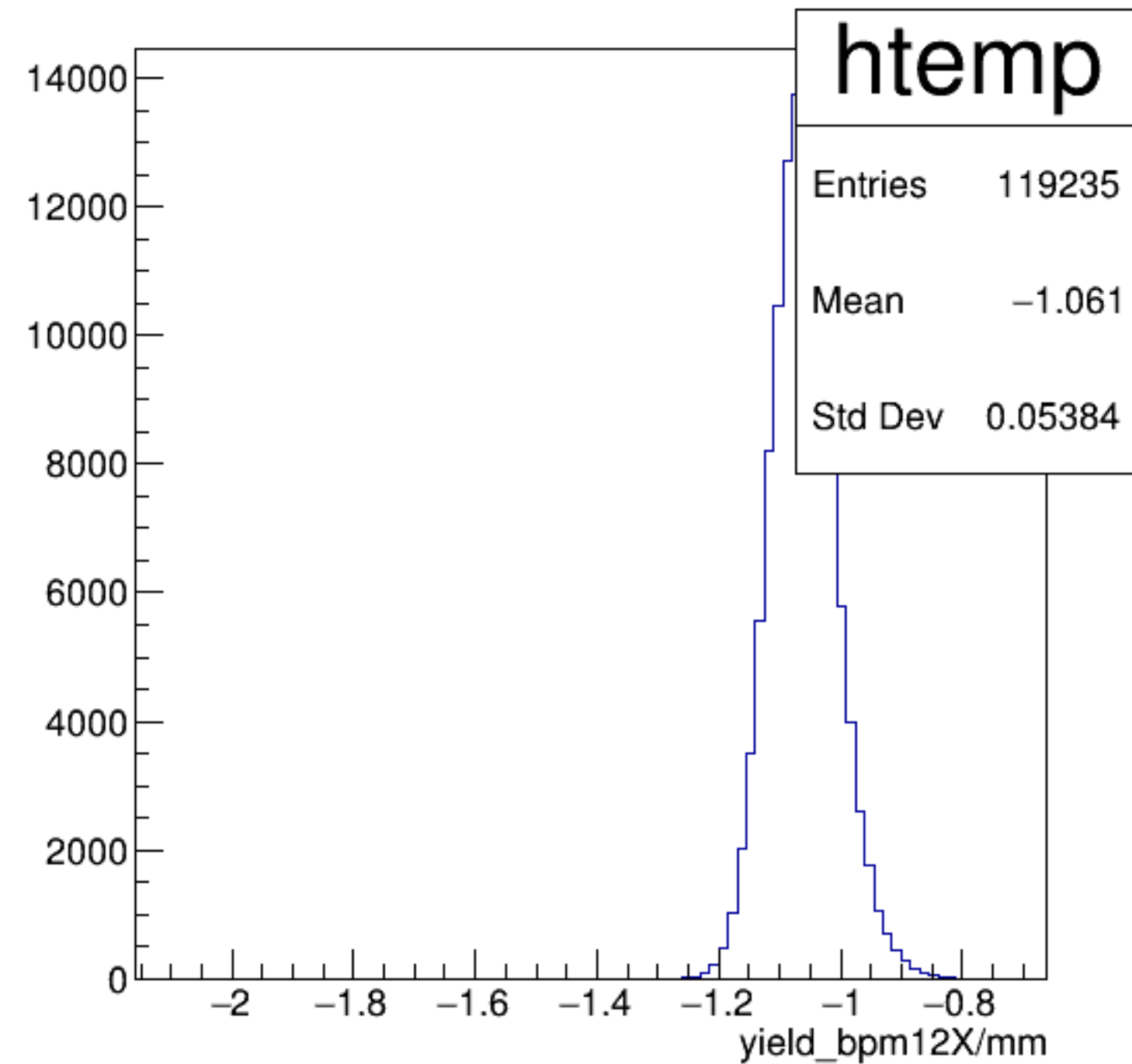
diff_bpm11Y/um {ErrorFlag==0}



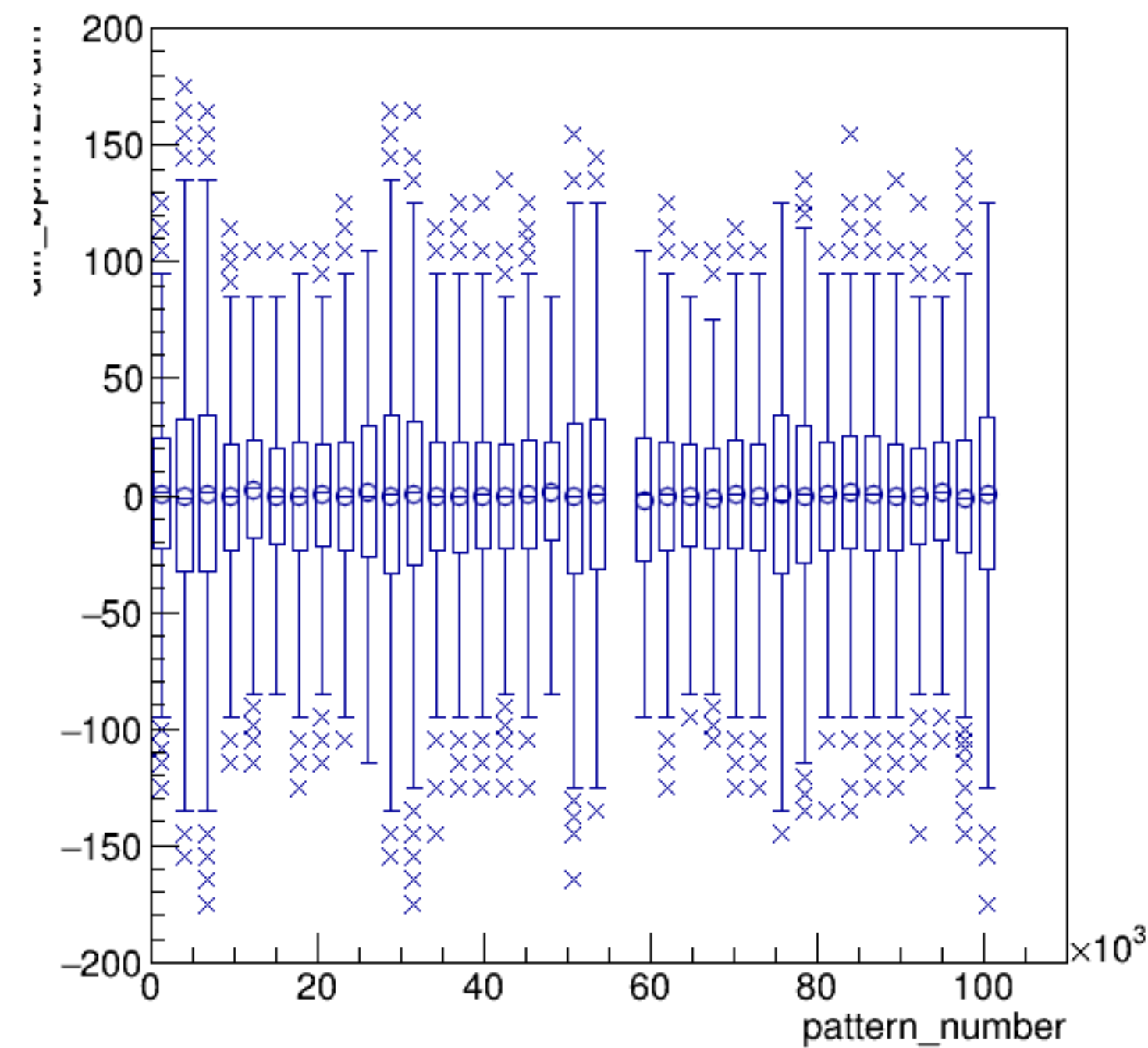
yield_bpm12X/mm:pattern_number {ErrorFlag==0}



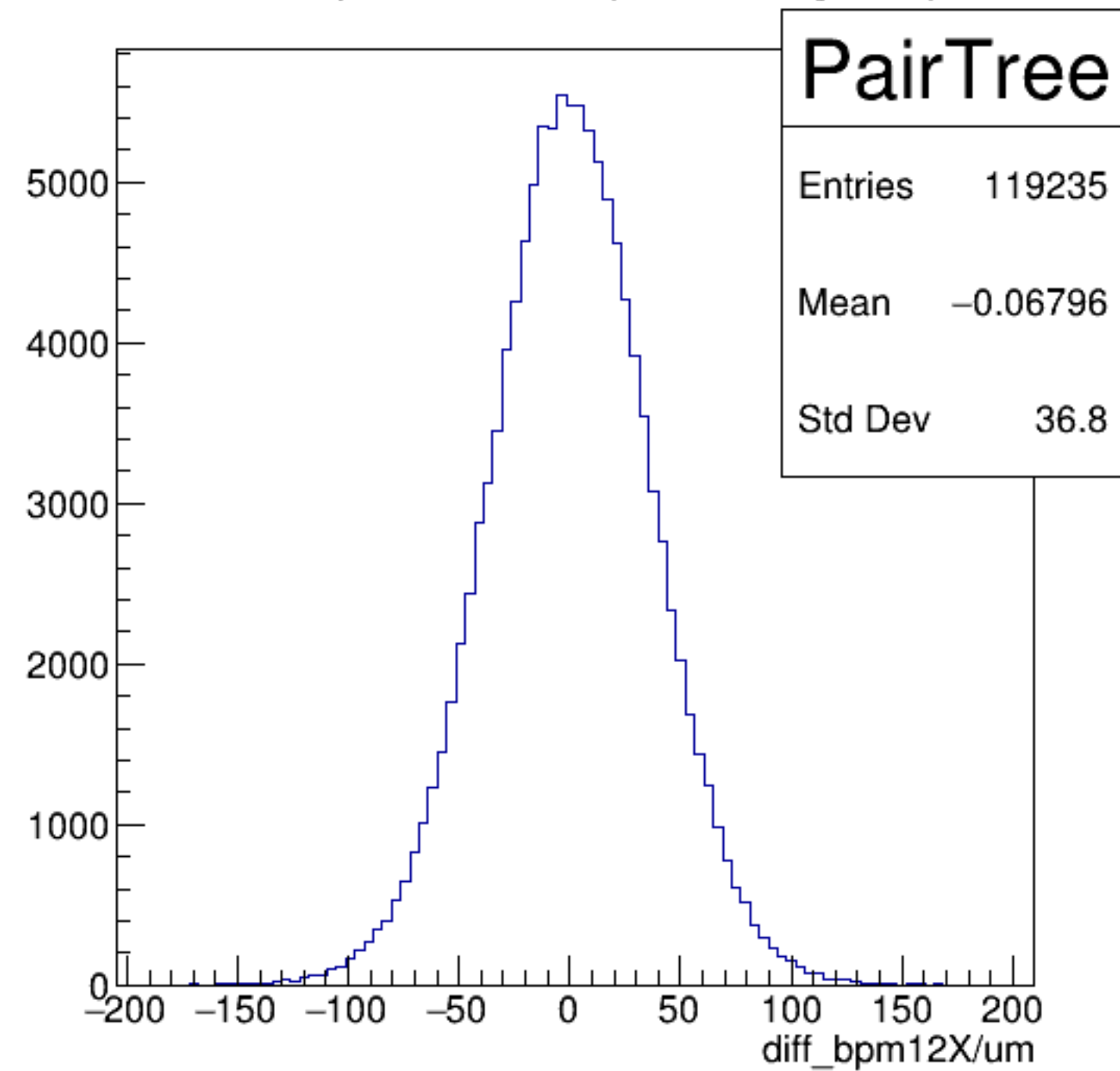
yield_bpm12X/mm {ErrorFlag==0}

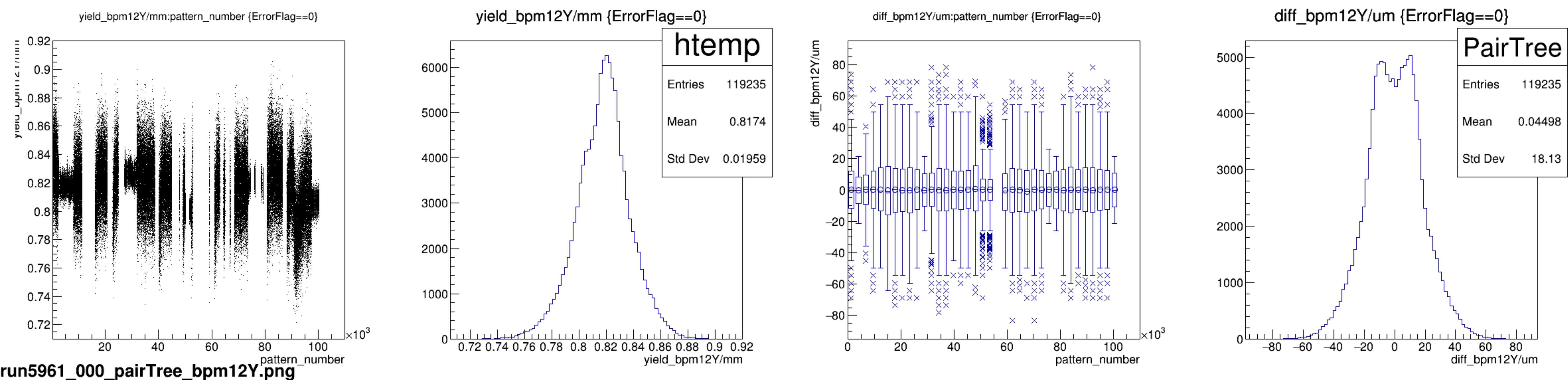


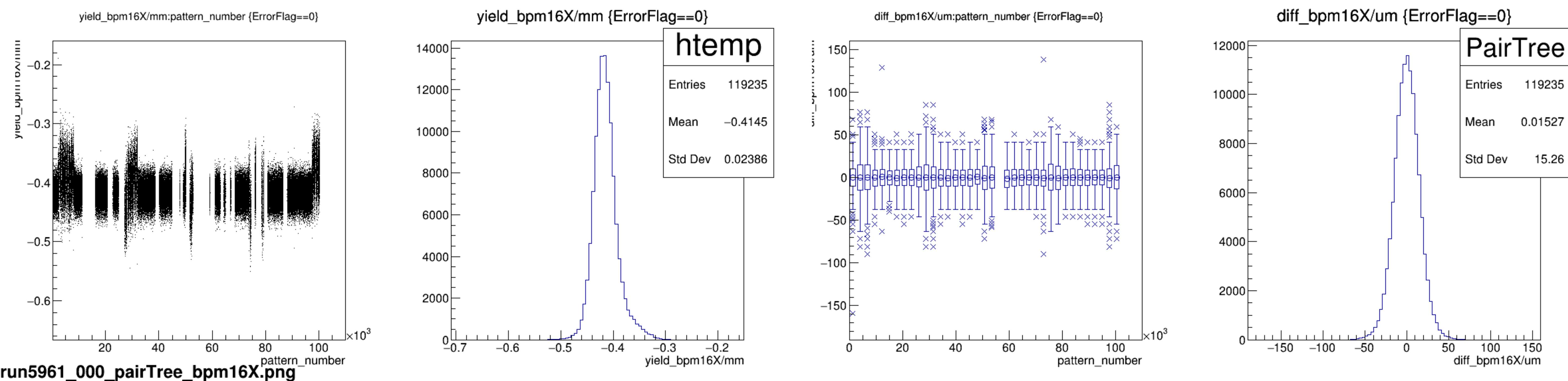
diff_bpm12X/um:pattern_number {ErrorFlag==0}



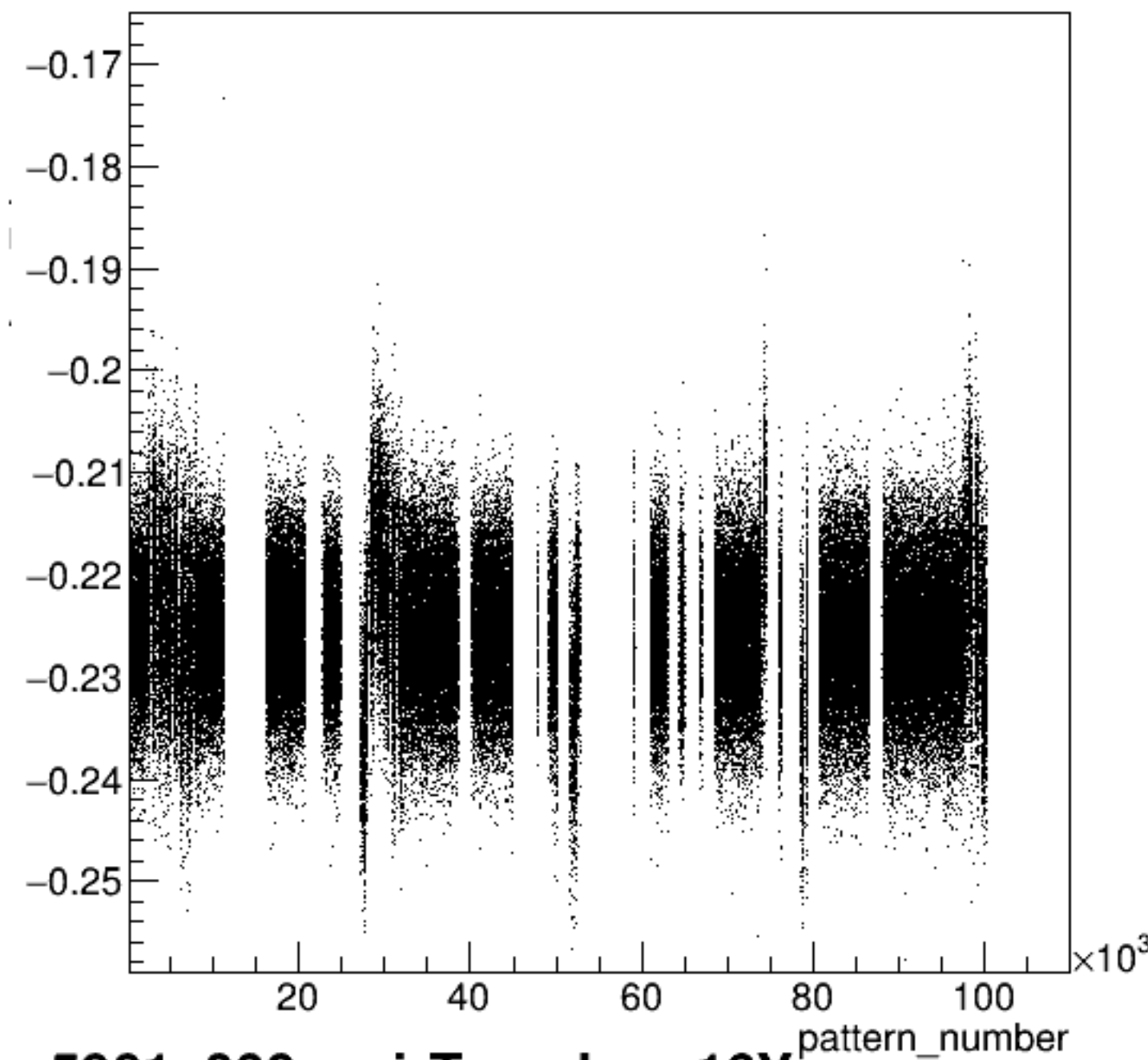
diff_bpm12X/um {ErrorFlag==0}





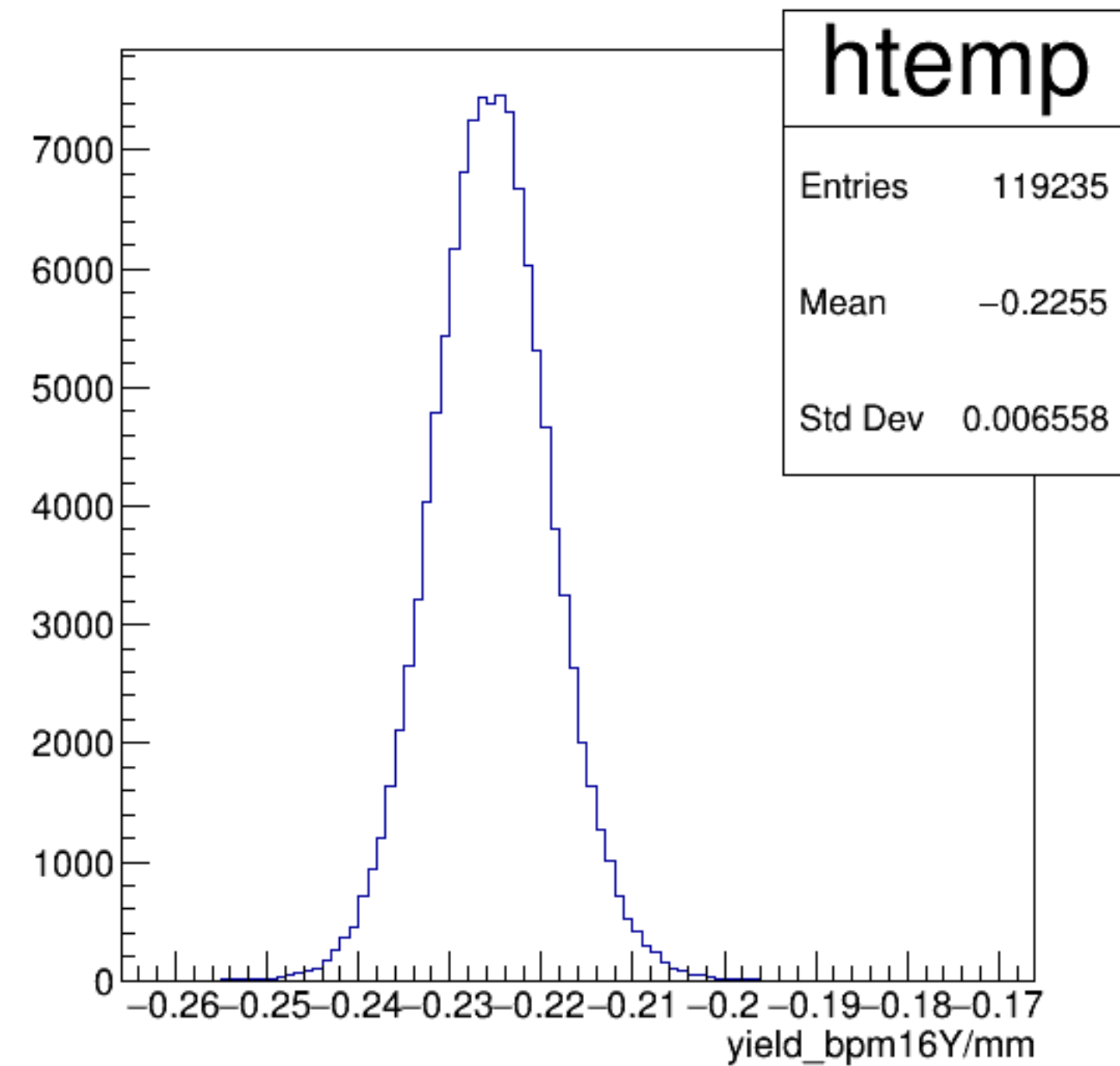


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

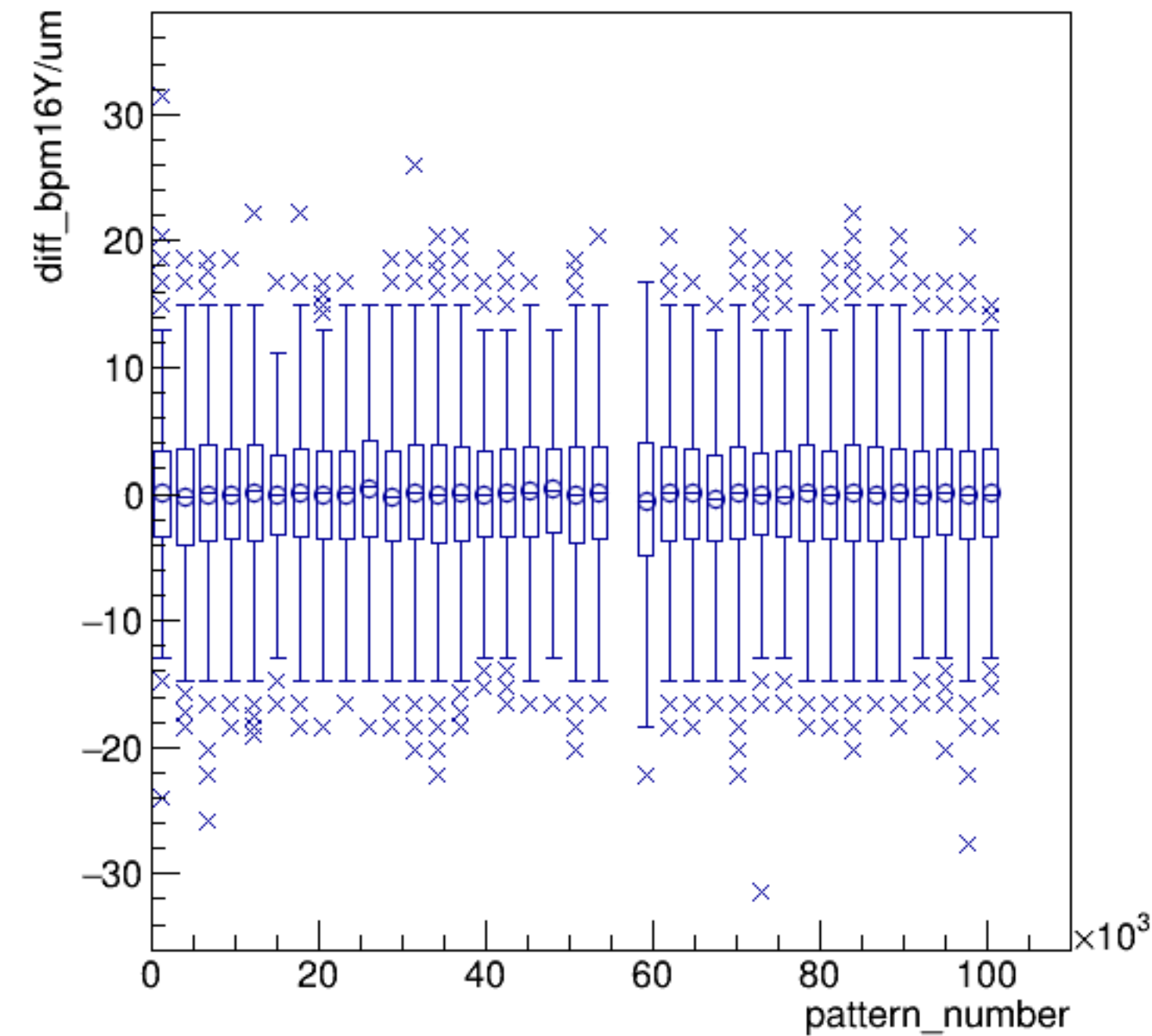


run5961_000_pairTree_bpm16Y.png

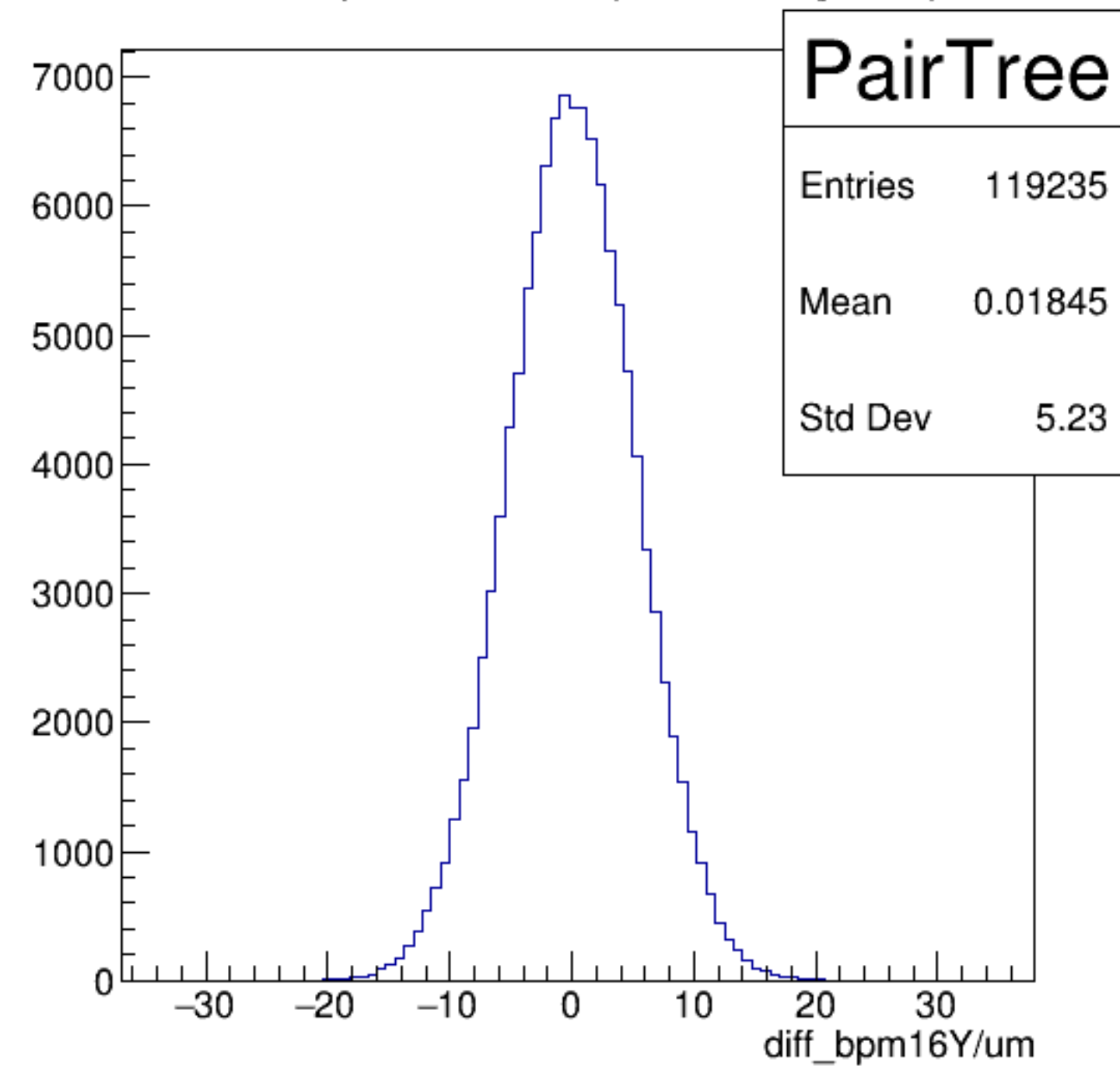
yield_bpm16Y/mm {ErrorFlag==0}



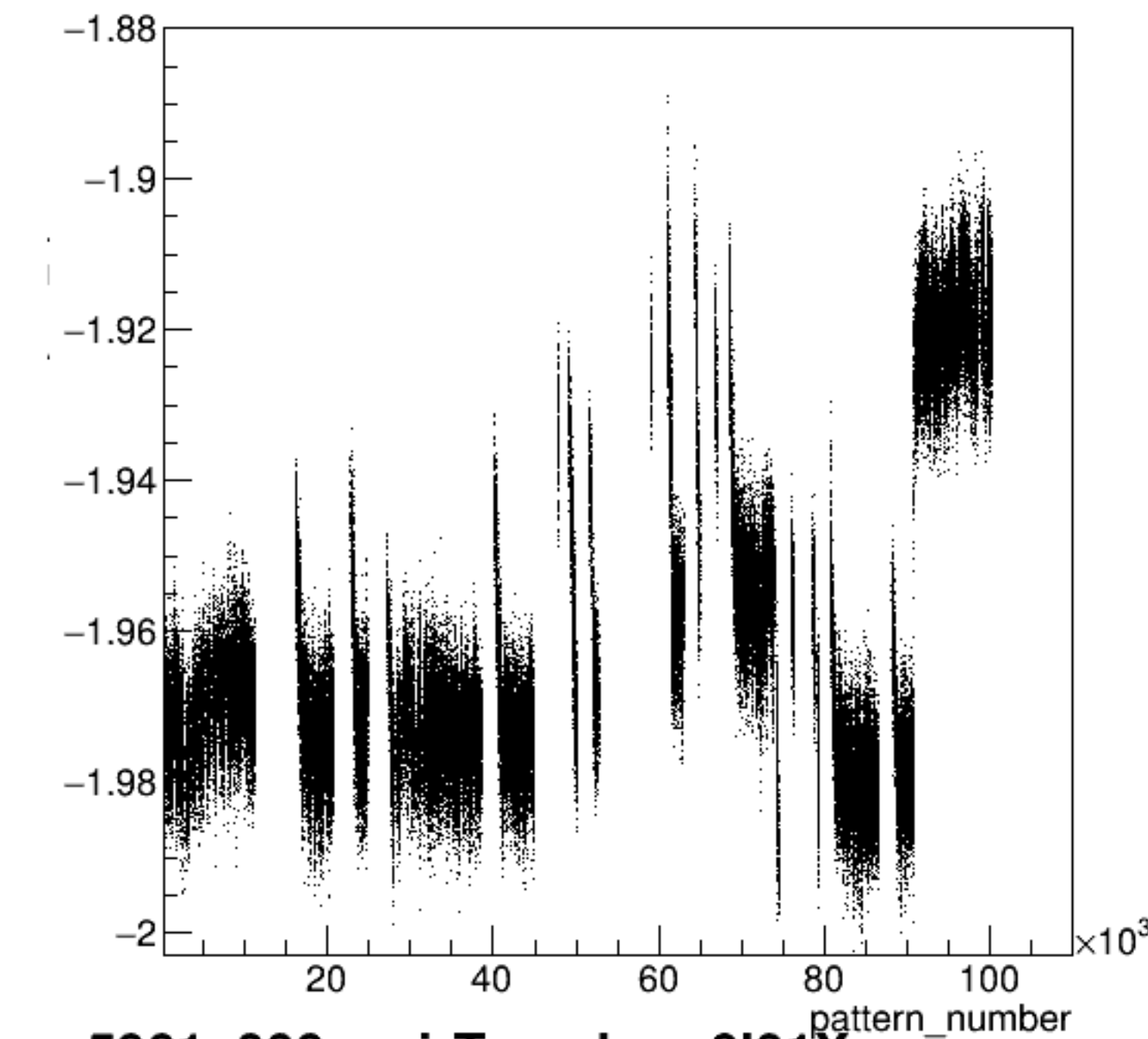
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



diff_bpm16Y/um {ErrorFlag==0}

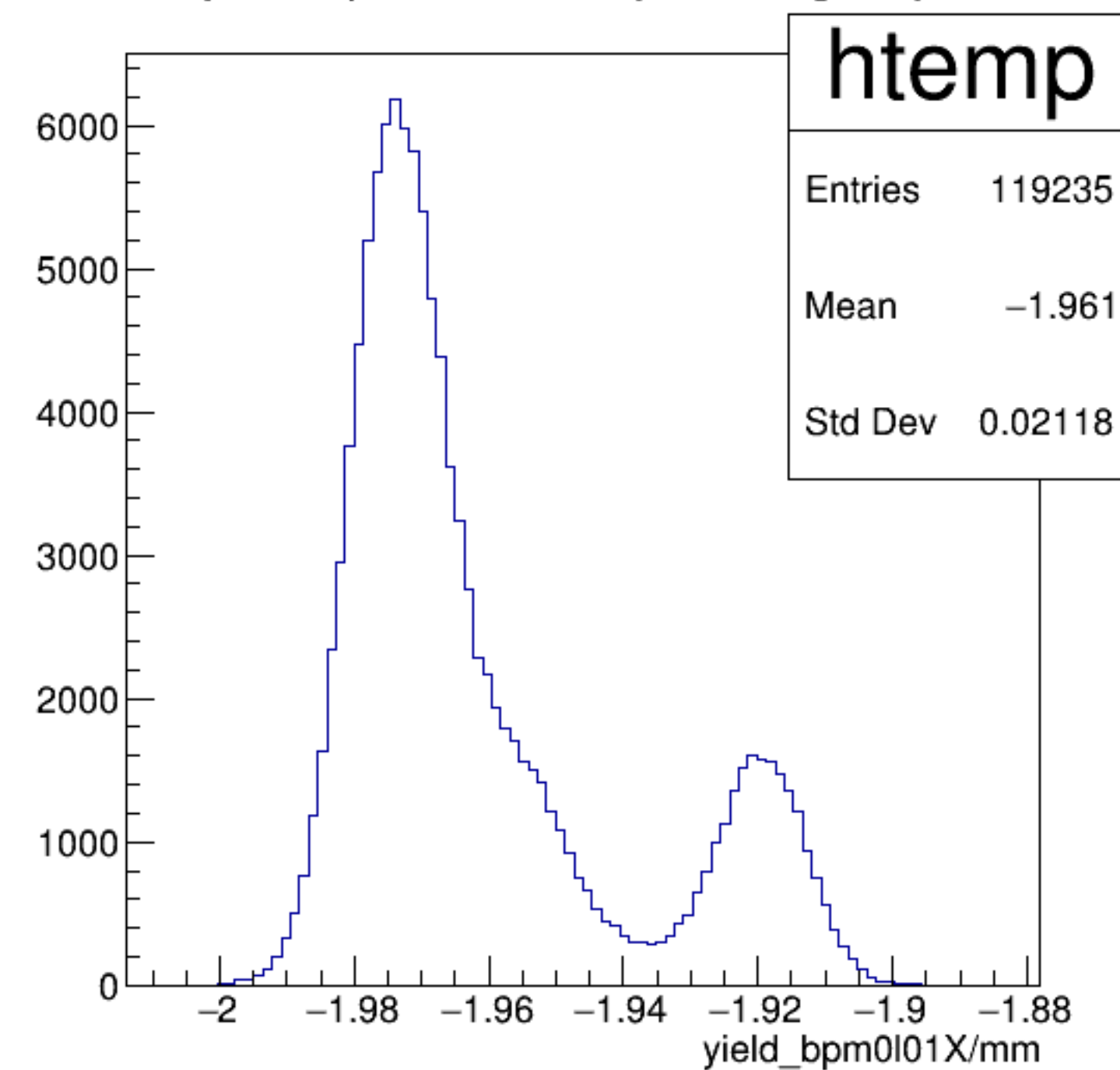


yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}

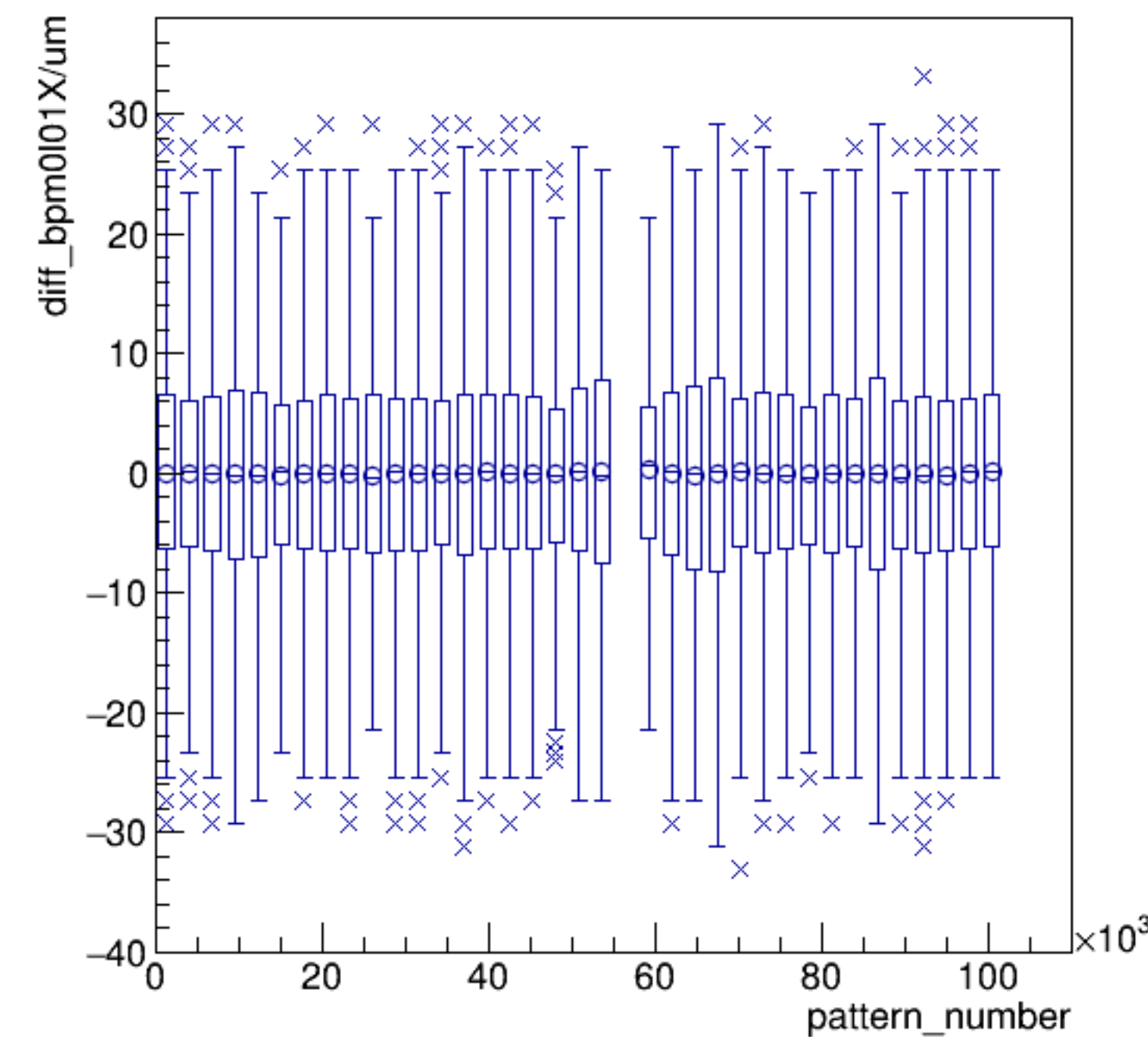


run5961_000_pairTree_bpm0l01X.png

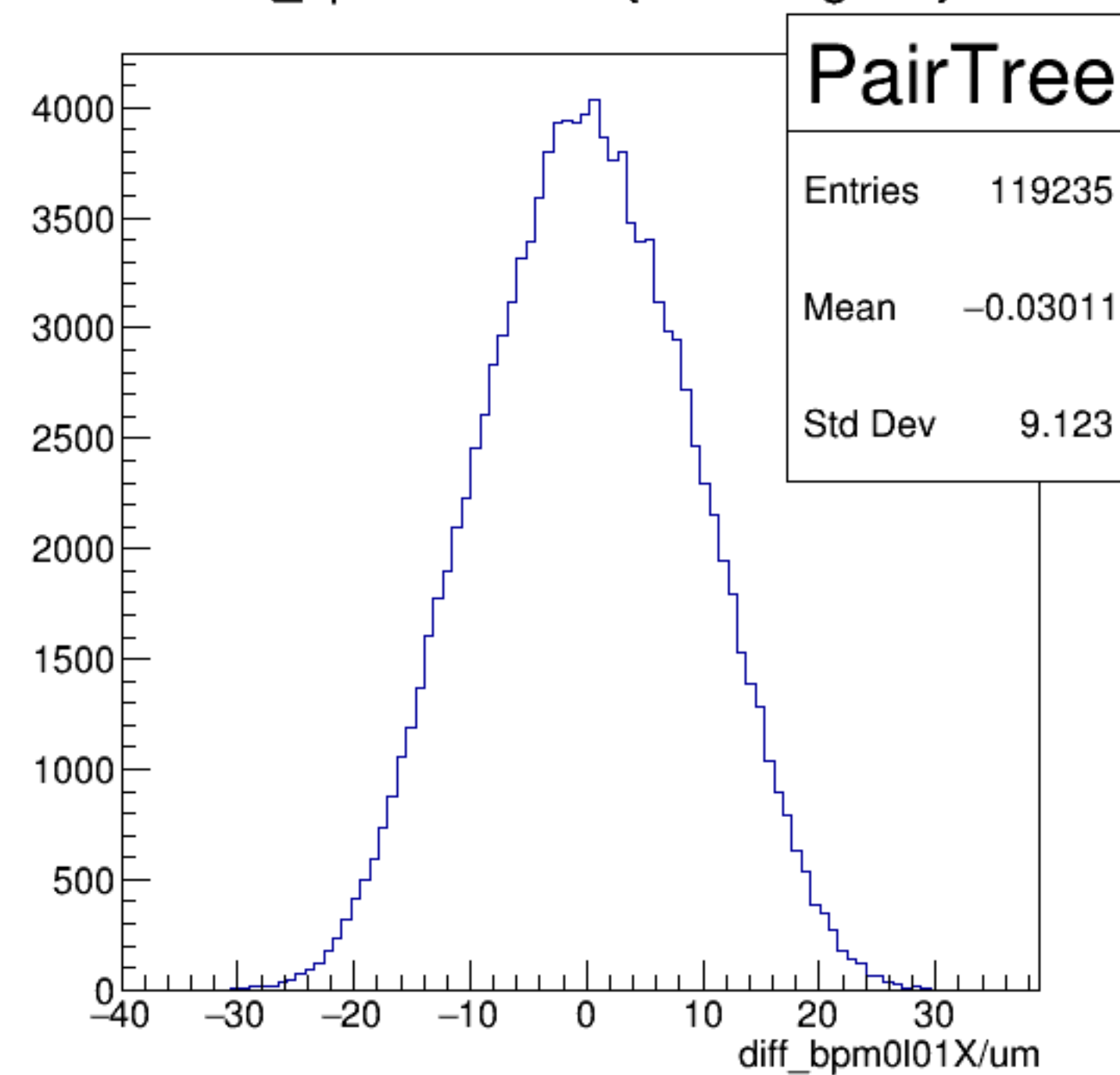
yield_bpm0l01X/mm {ErrorFlag==0}

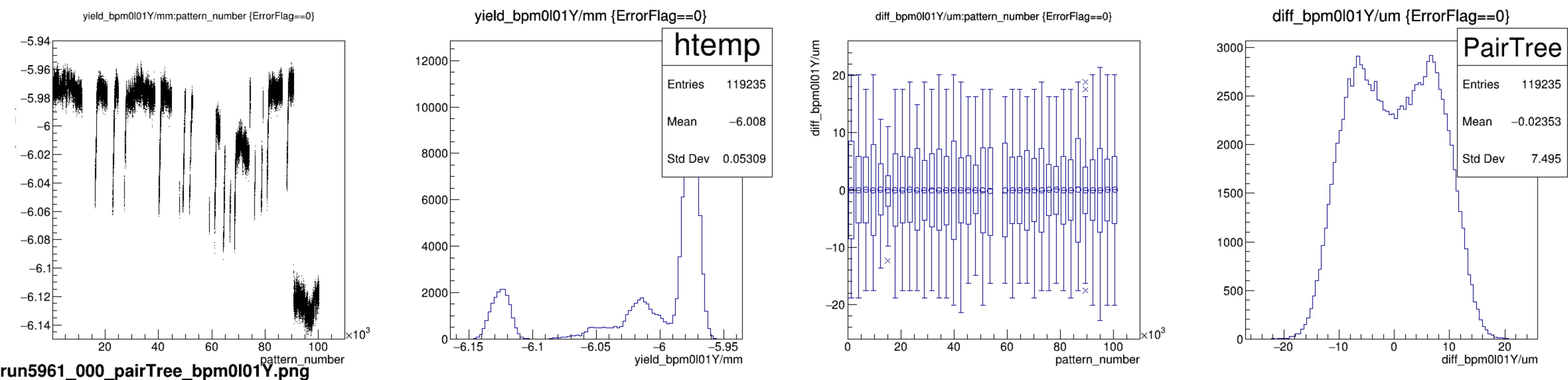


diff_bpm0l01X/um:pattern_number {ErrorFlag==0}



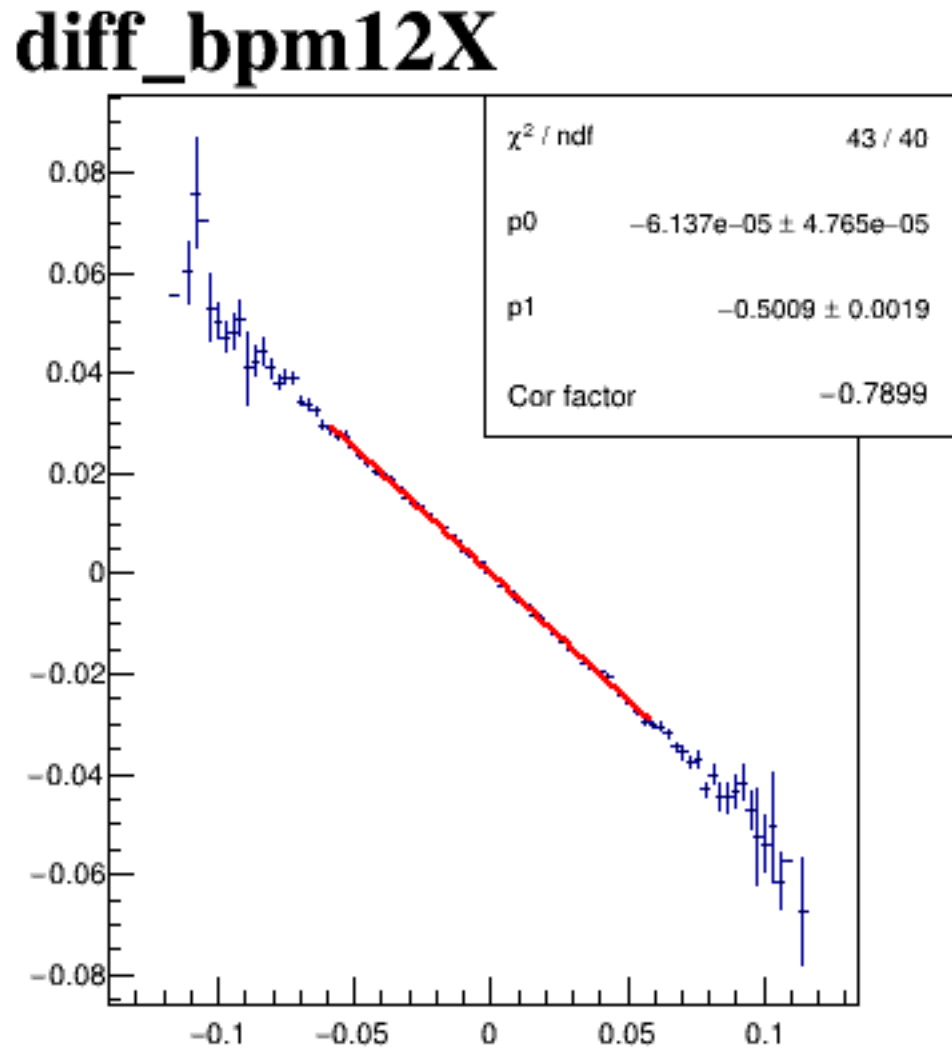
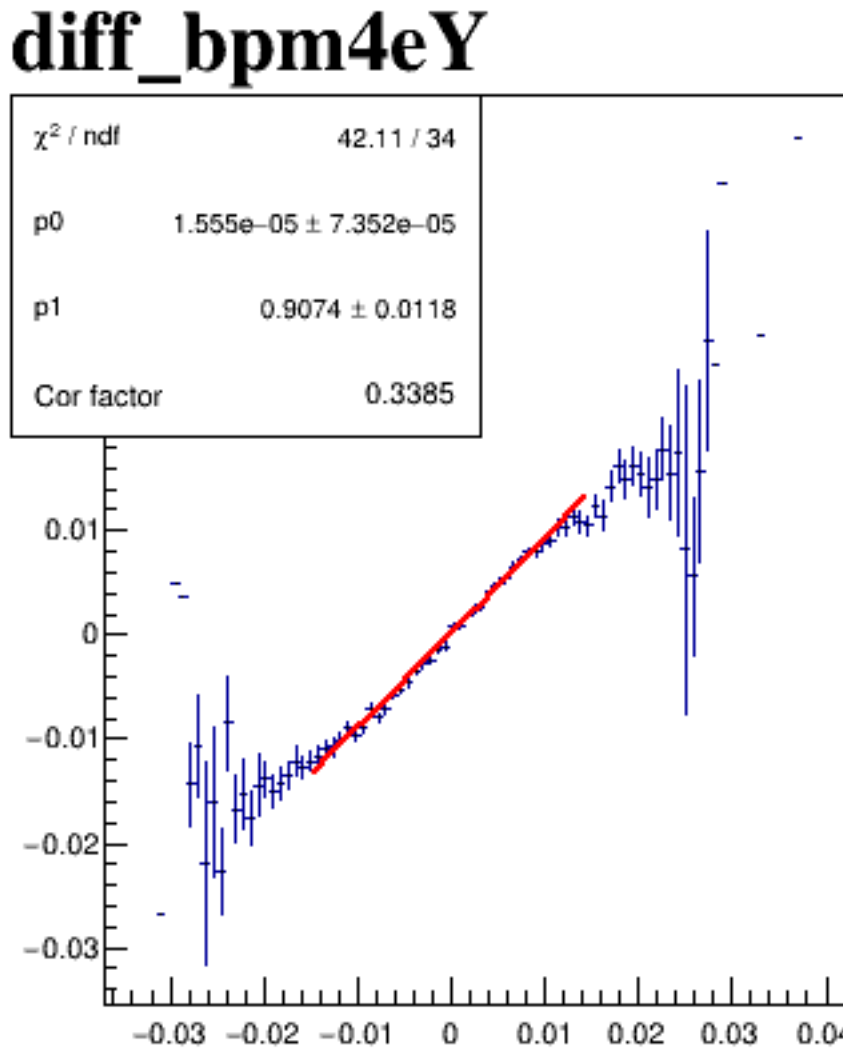
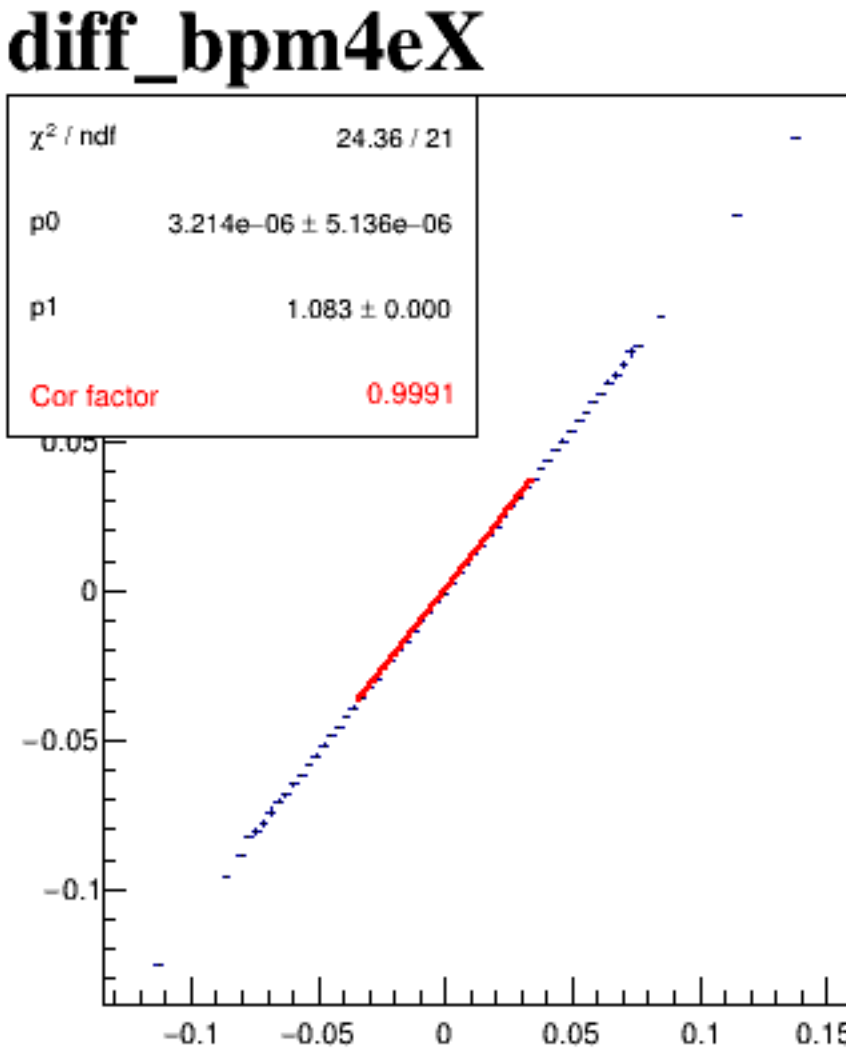
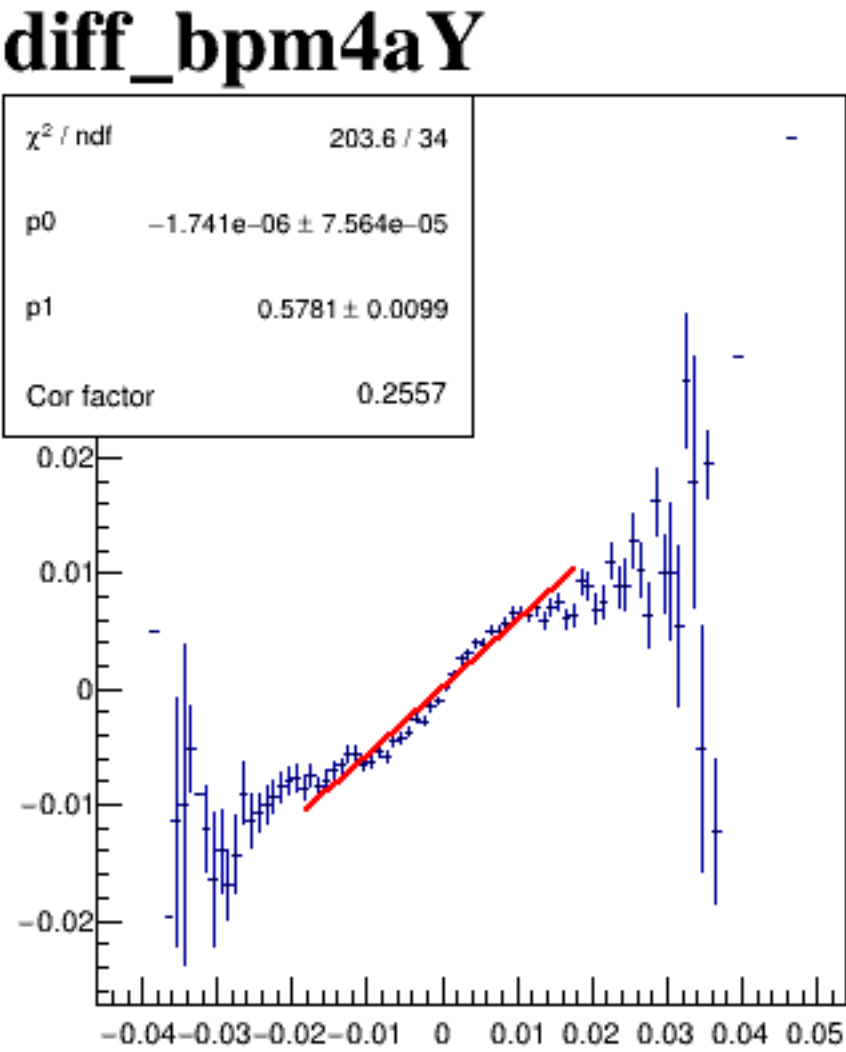
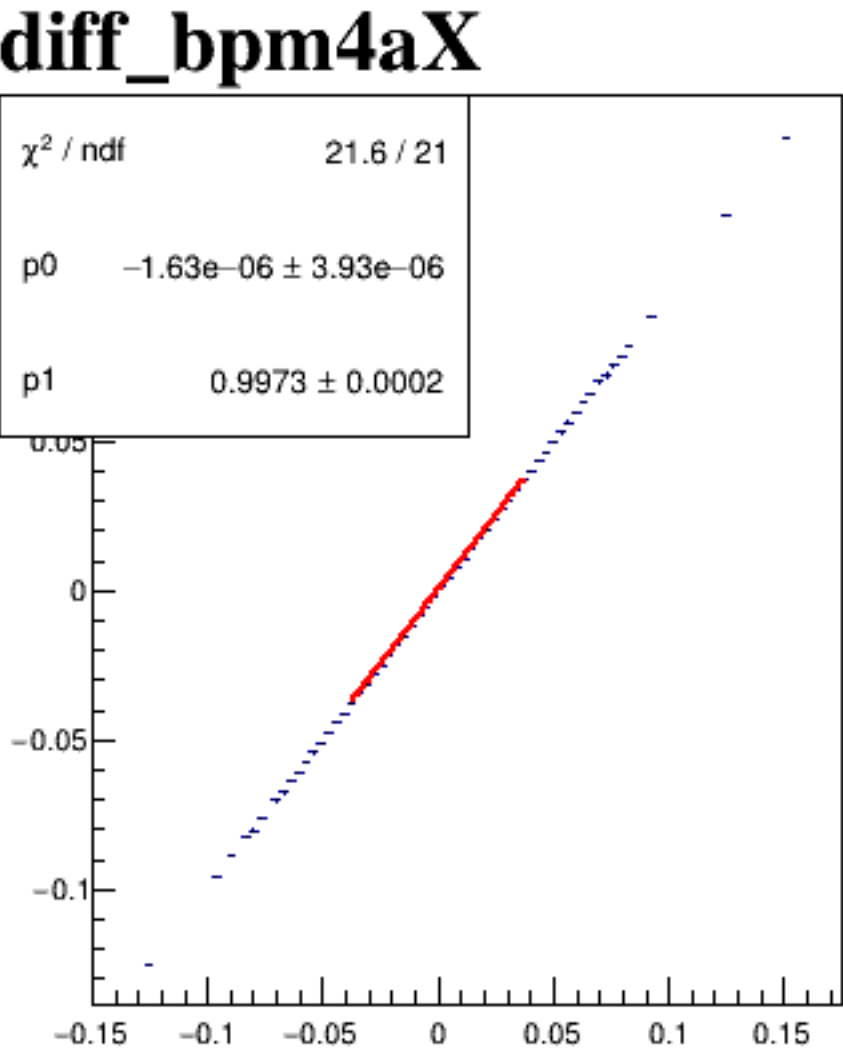
diff_bpm0l01X/um {ErrorFlag==0}



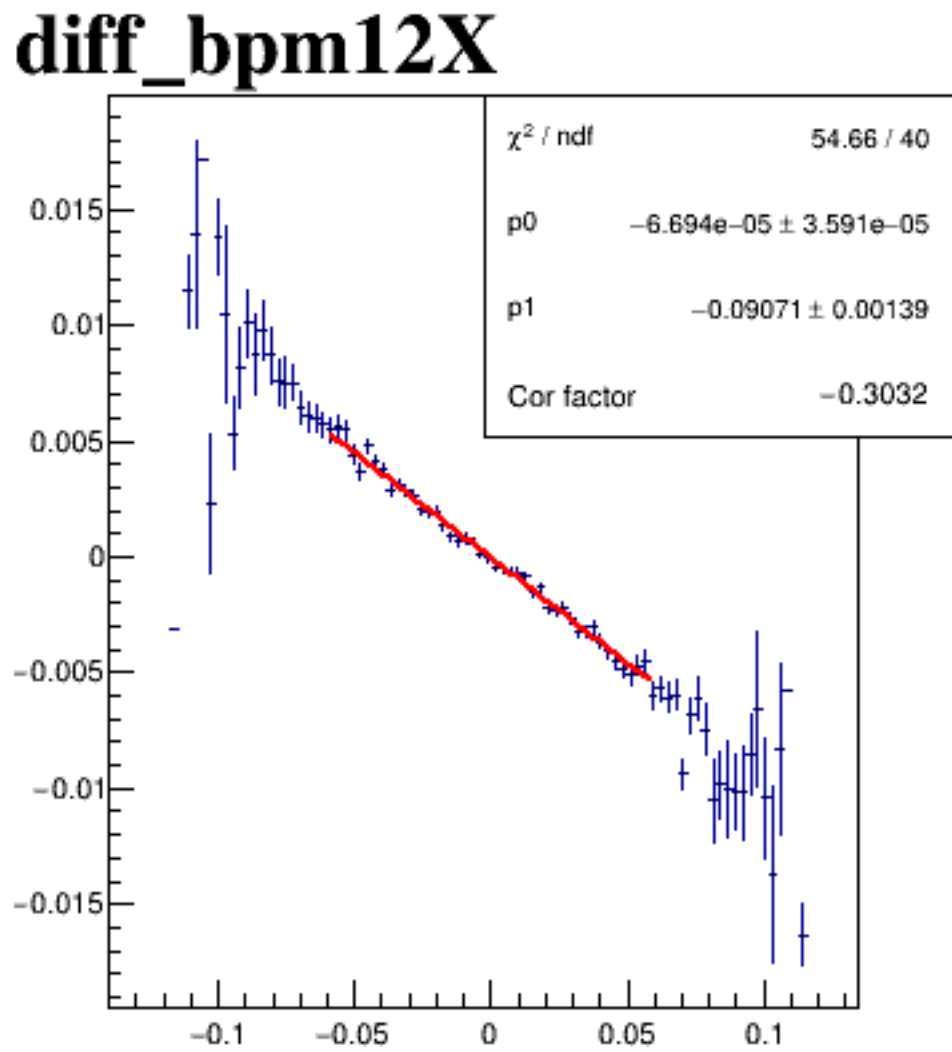
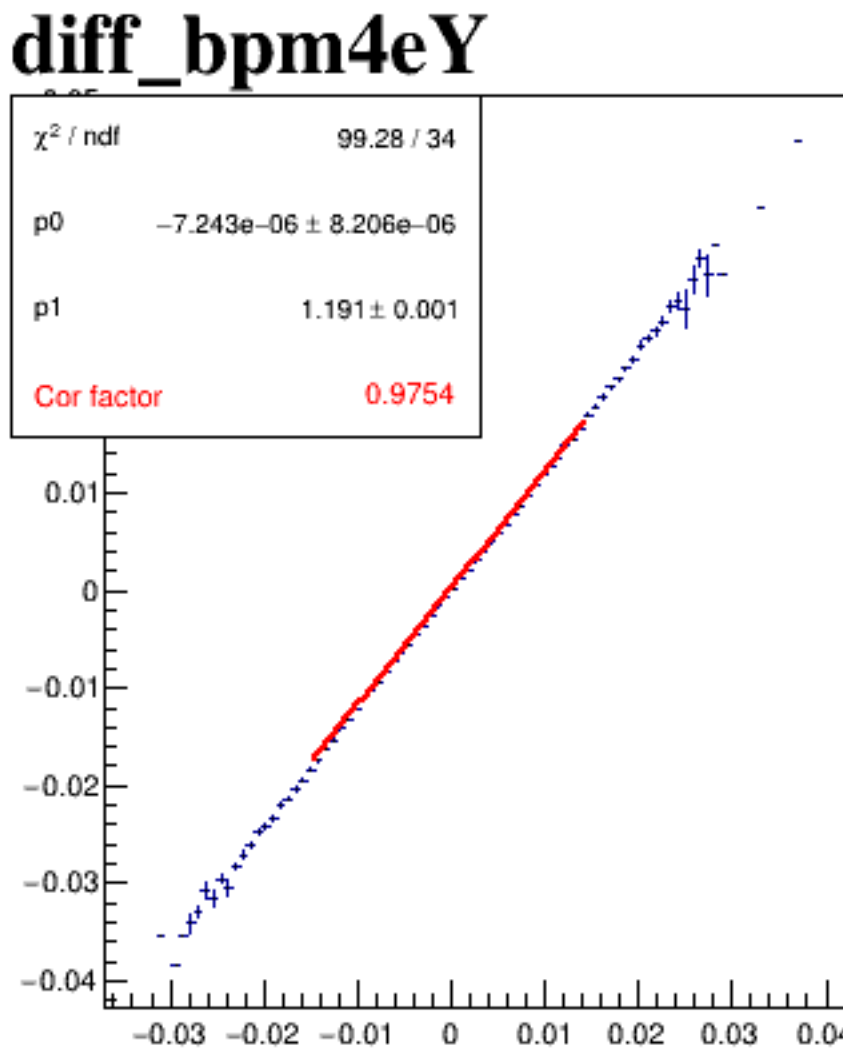
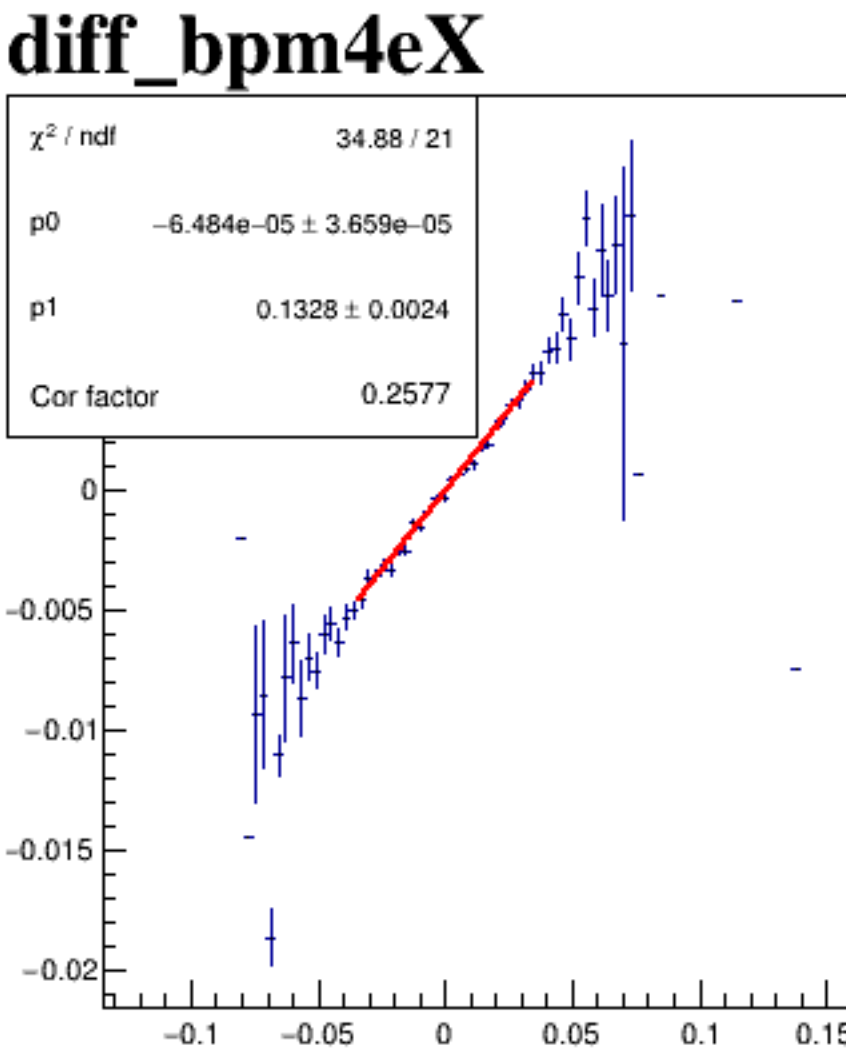
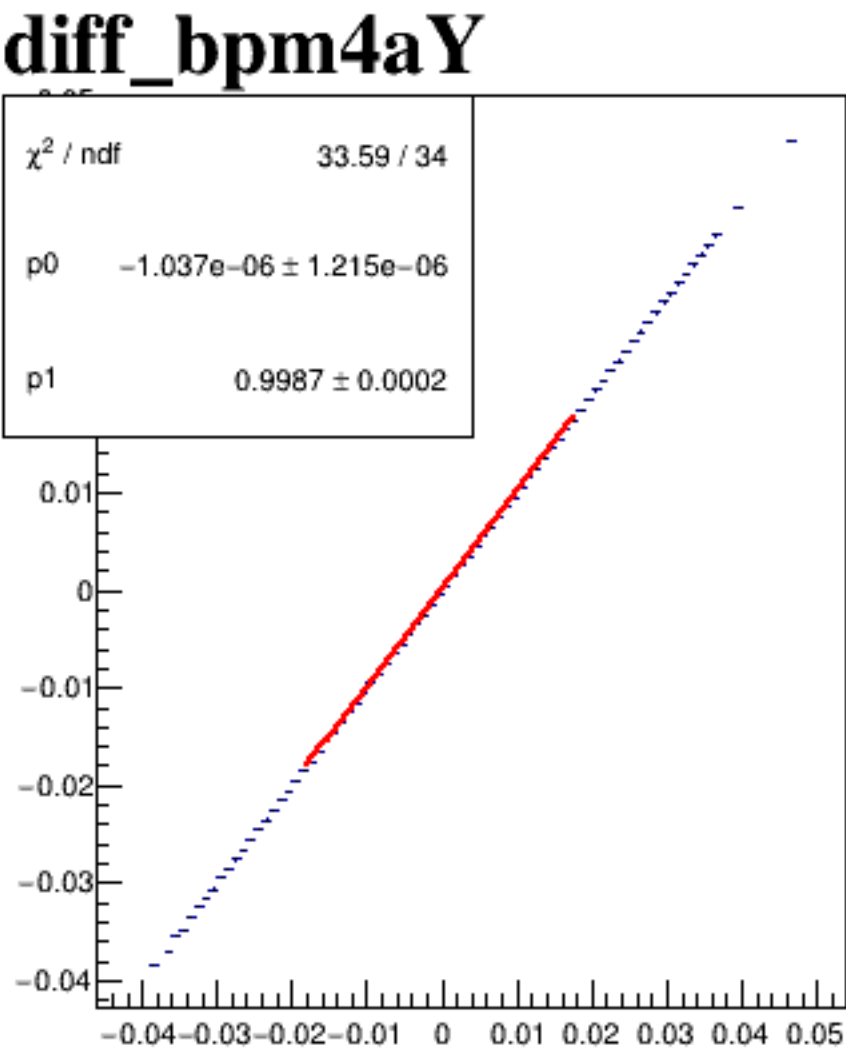
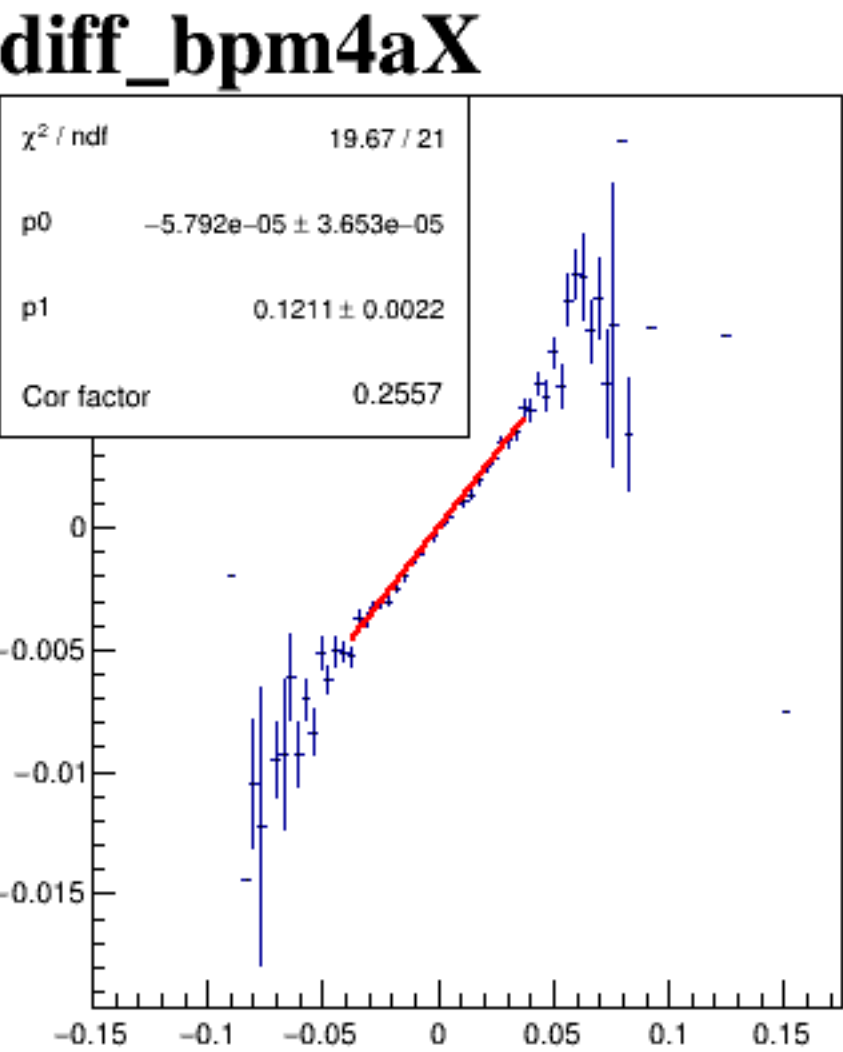


A scatter plot titled "diff_bpm12X" showing the relationship between "diff_bpm12X" on the x-axis and "diff_bpm12X" on the y-axis. The data points form a strong positive linear correlation, colored by a scale from 0 to 50K. The x-axis ranges from approximately -0.12 to 0.12, and the y-axis ranges from approximately -0.12 to 0.12. The color scale on the right indicates values from 0 (dark blue) to 50K (yellow).

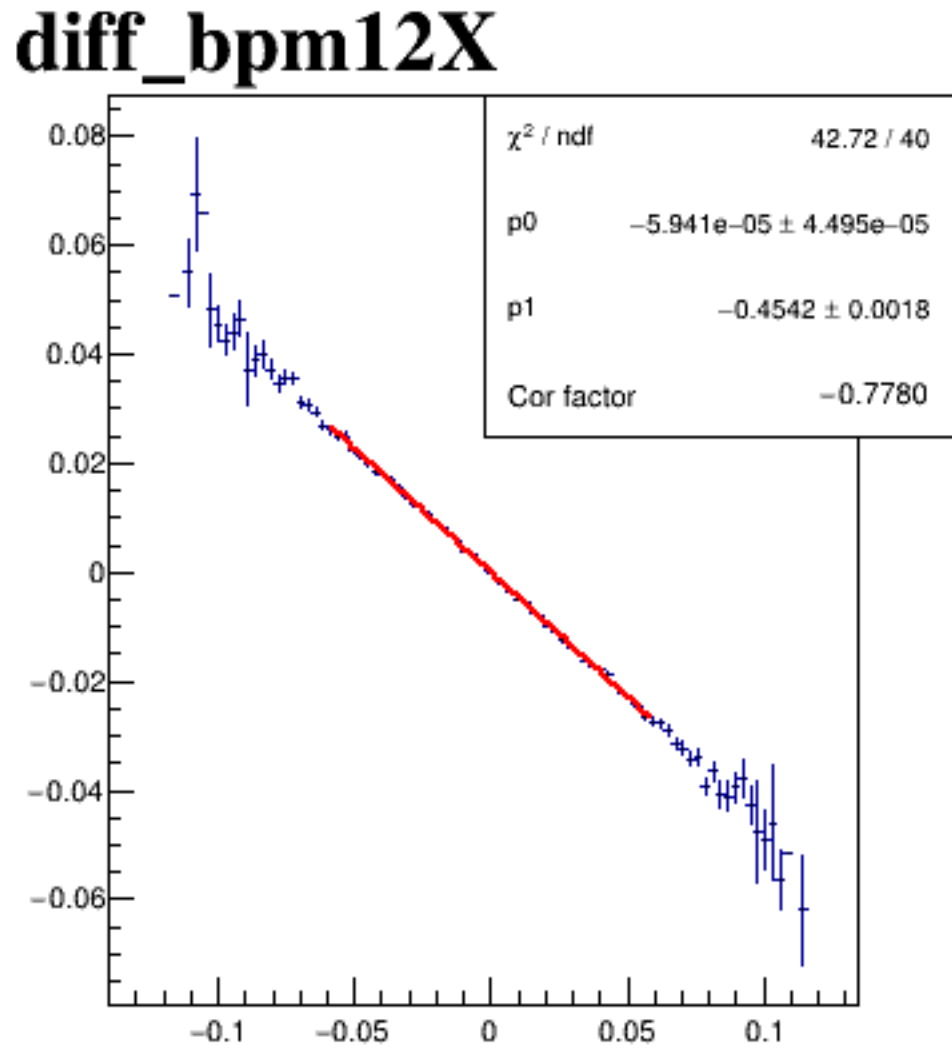
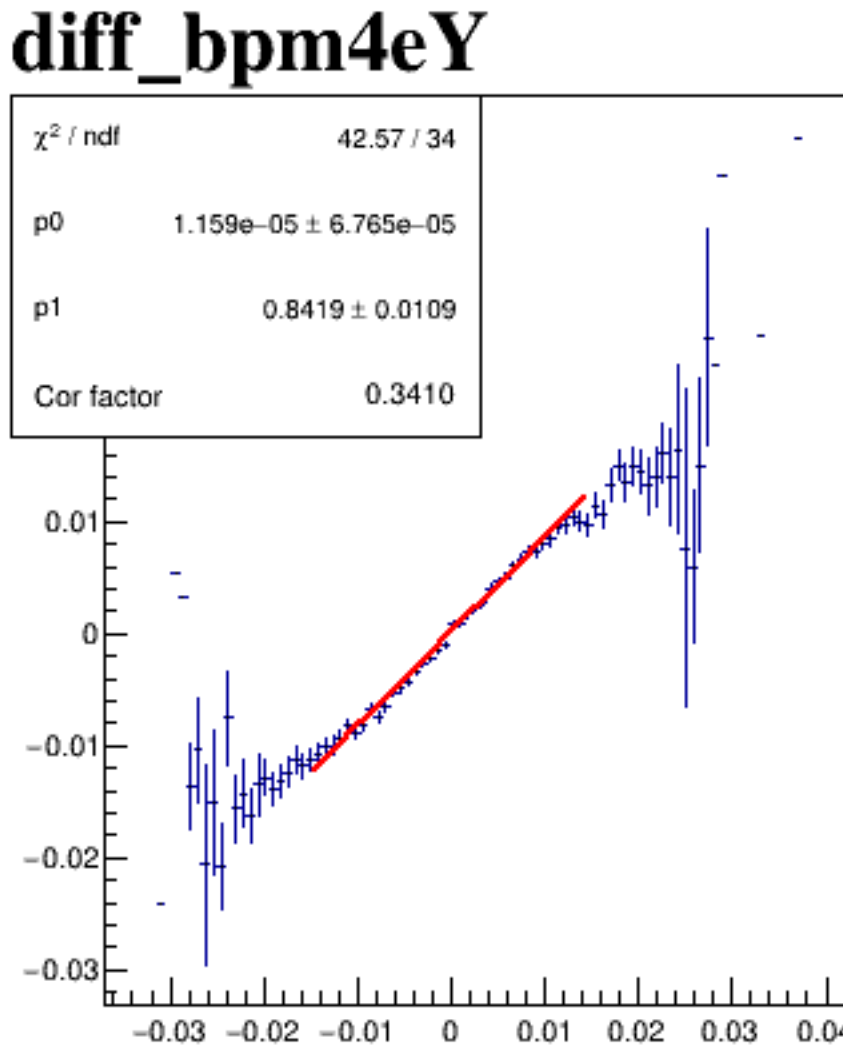
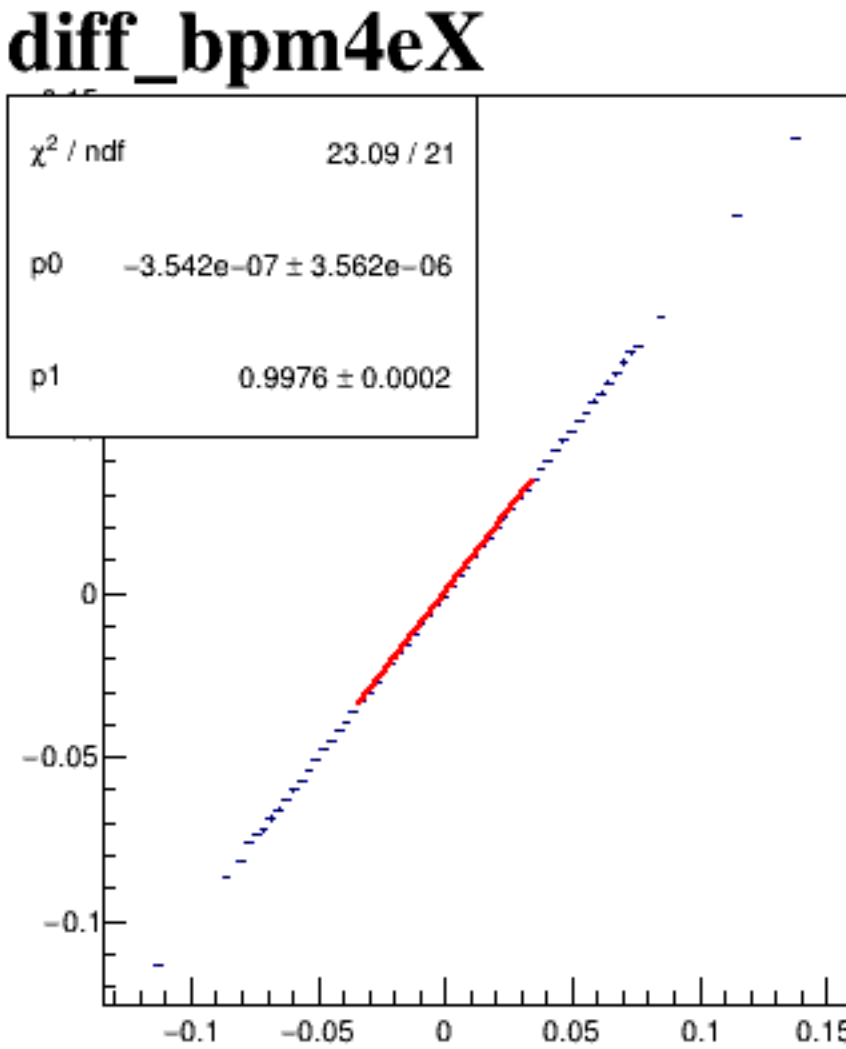
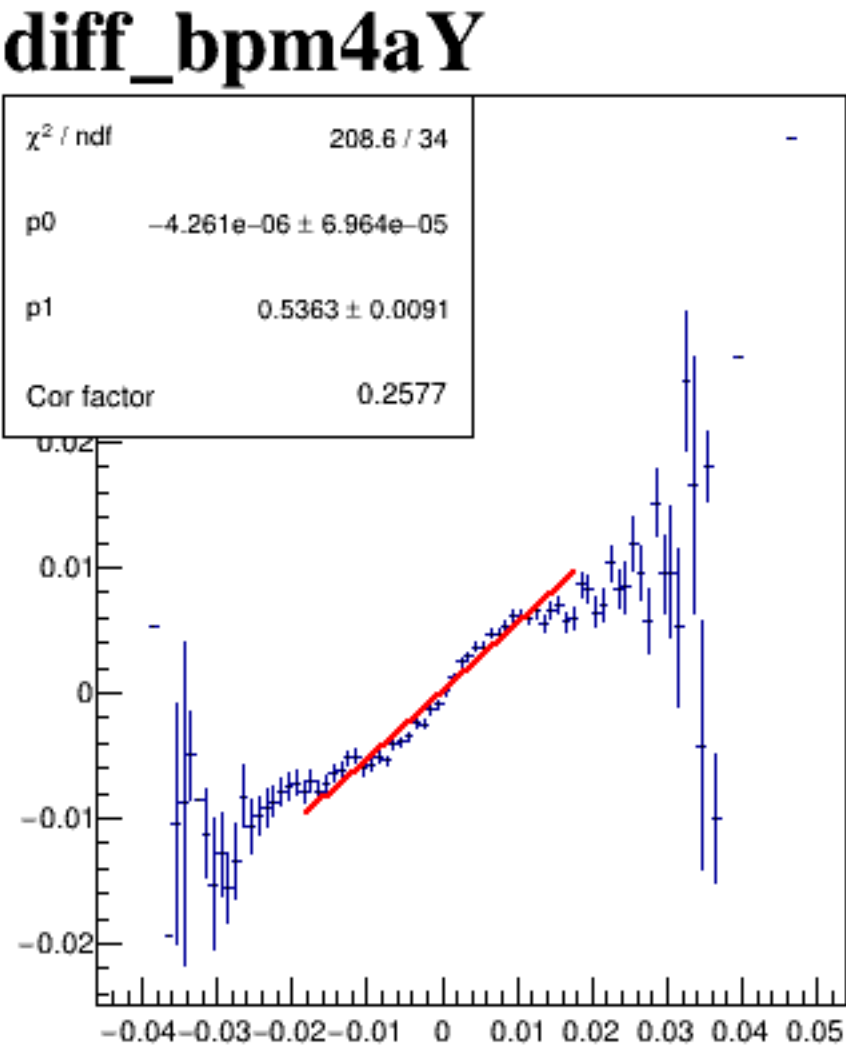
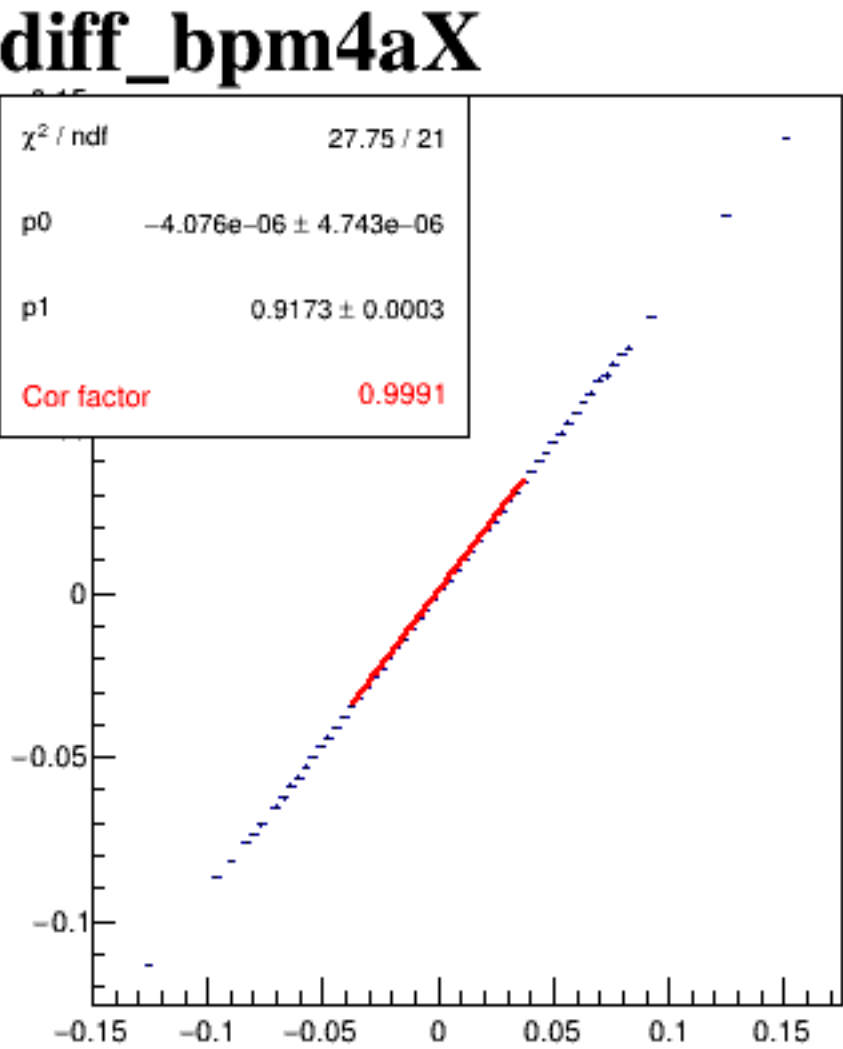
diff_bpm4aX



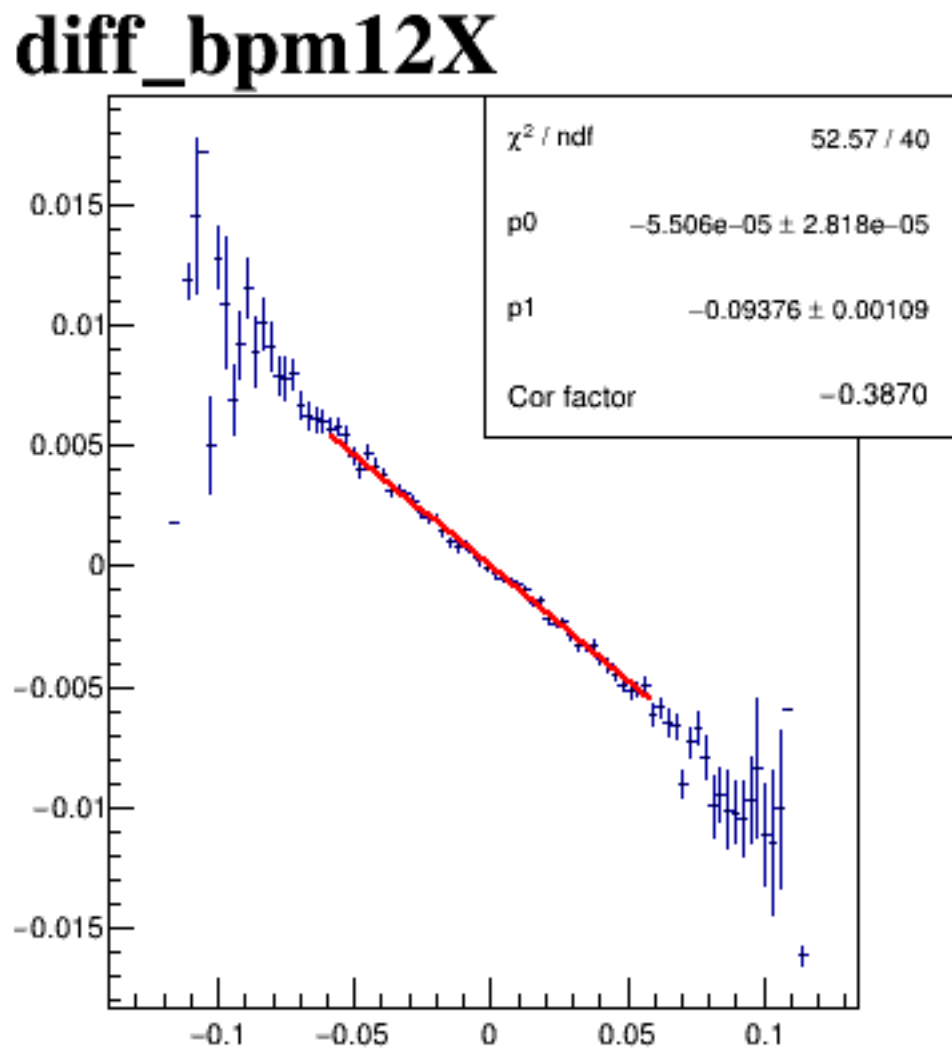
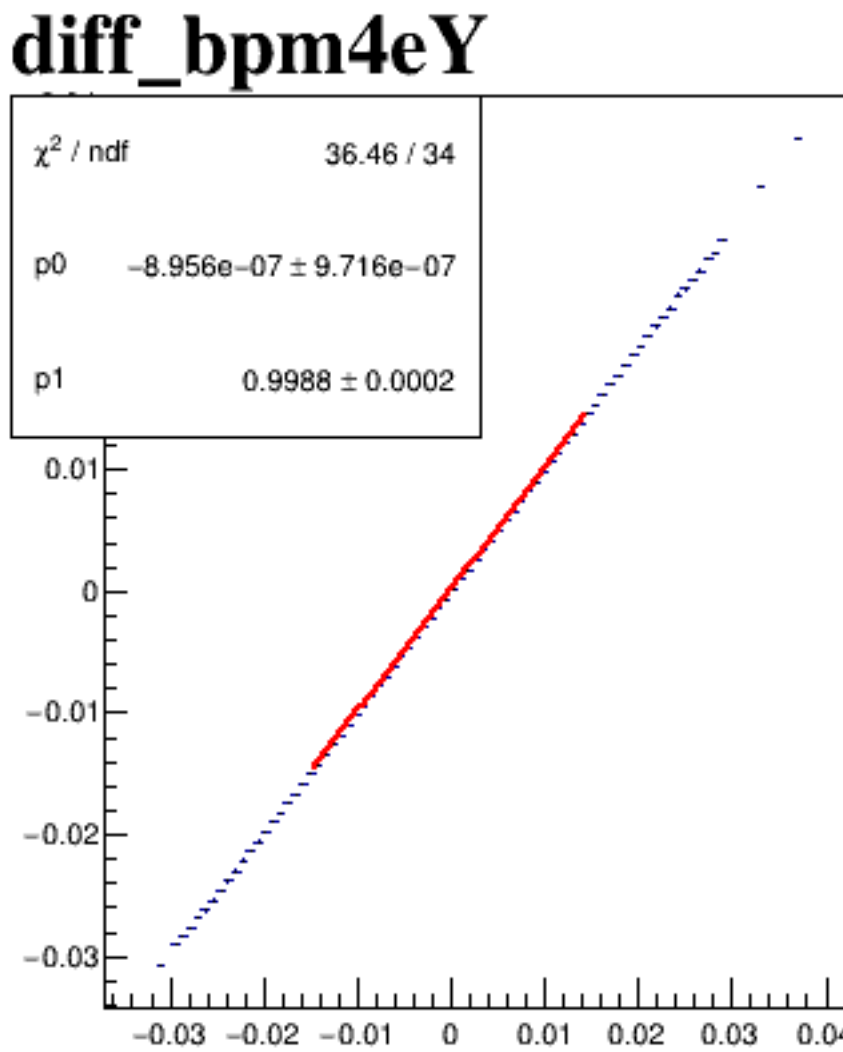
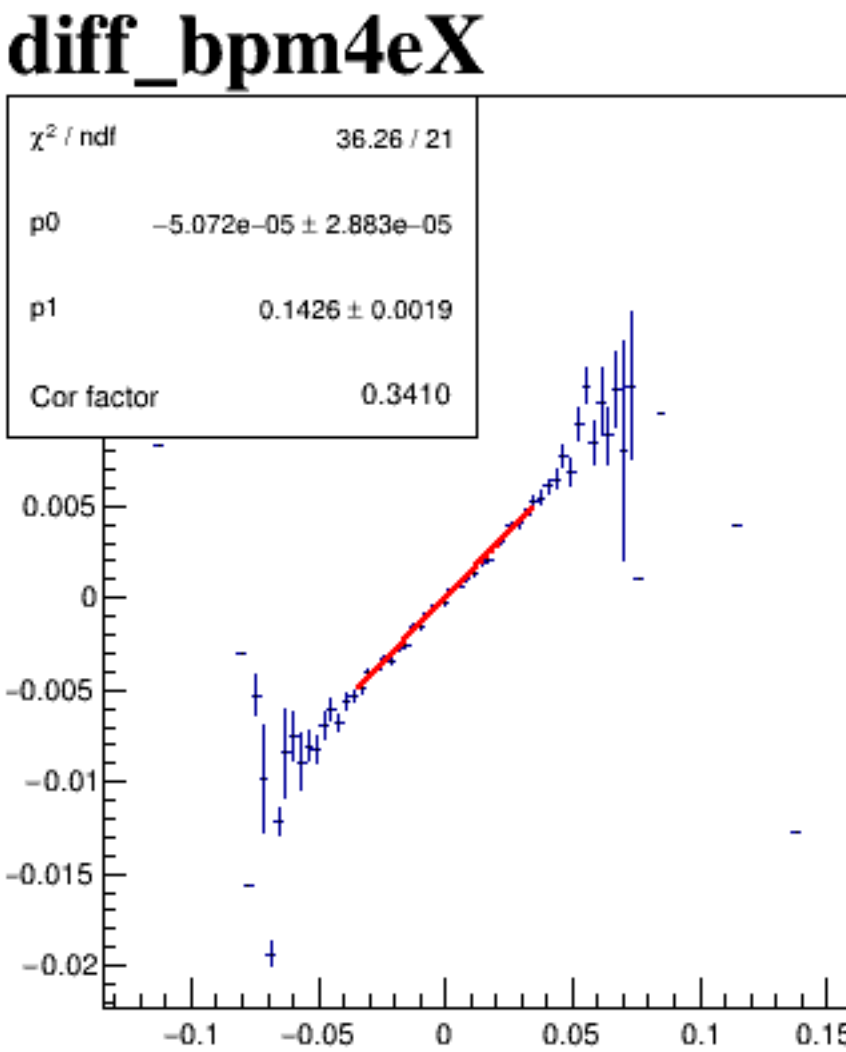
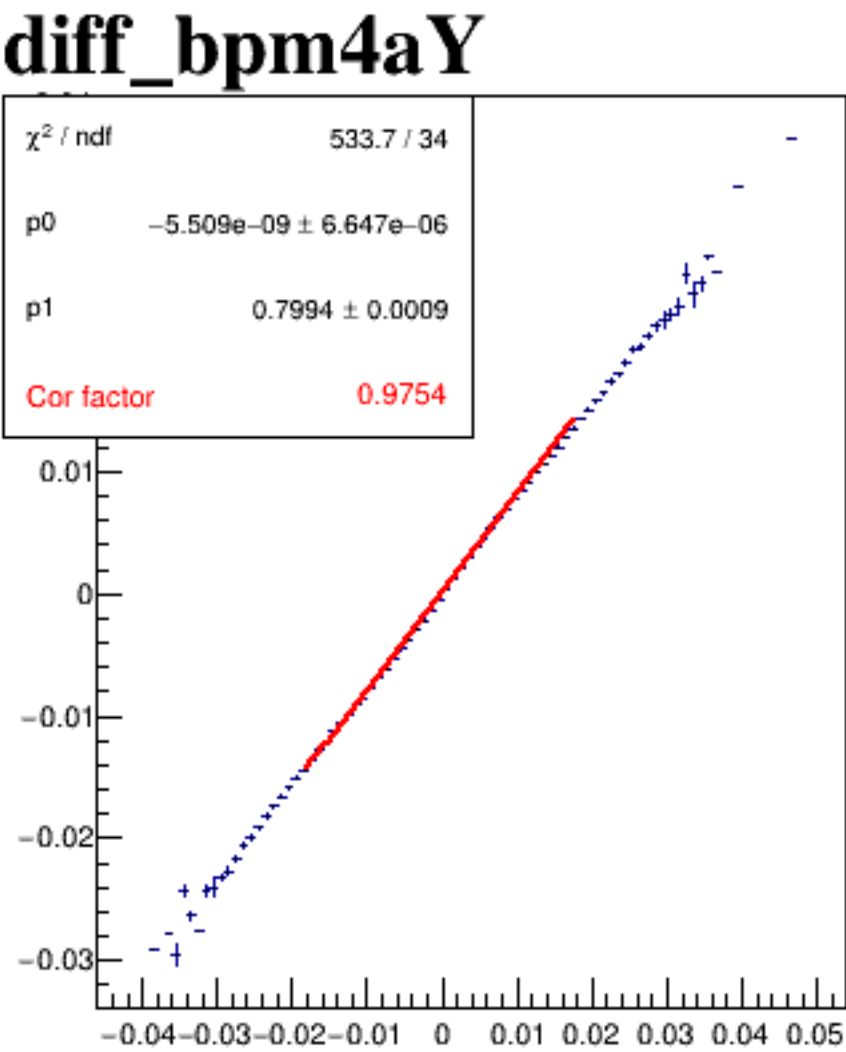
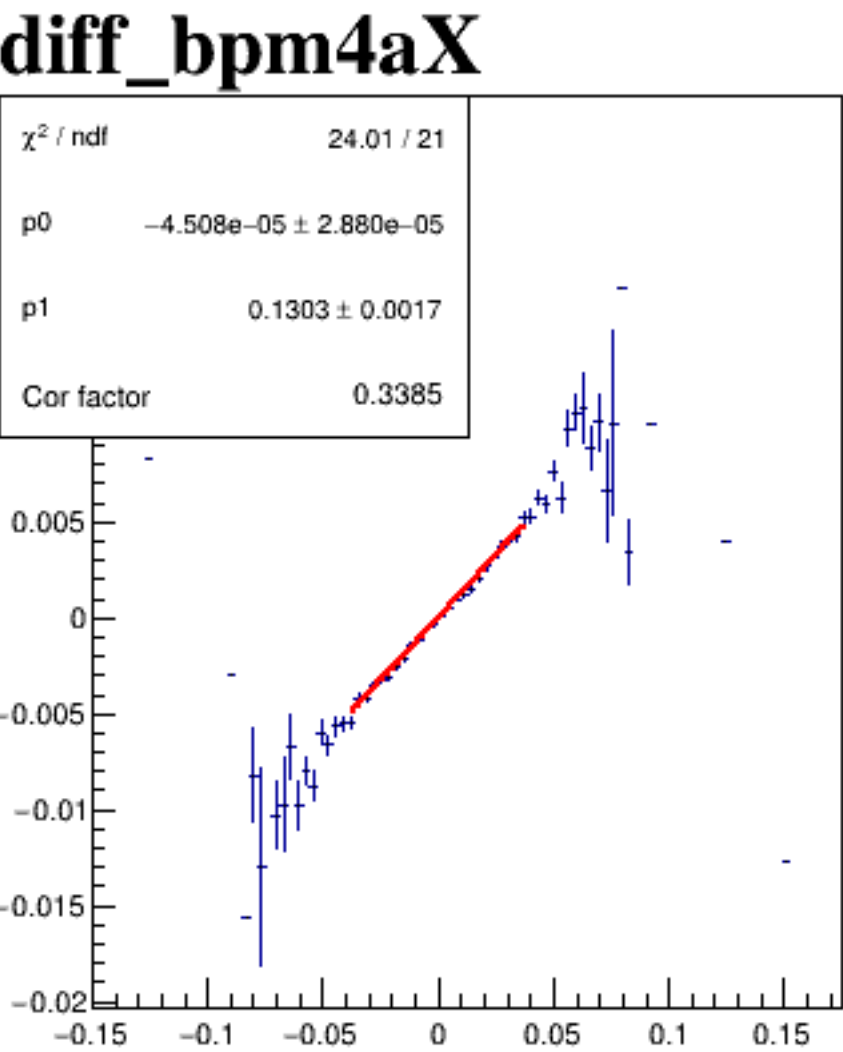
diff_bpm4aY



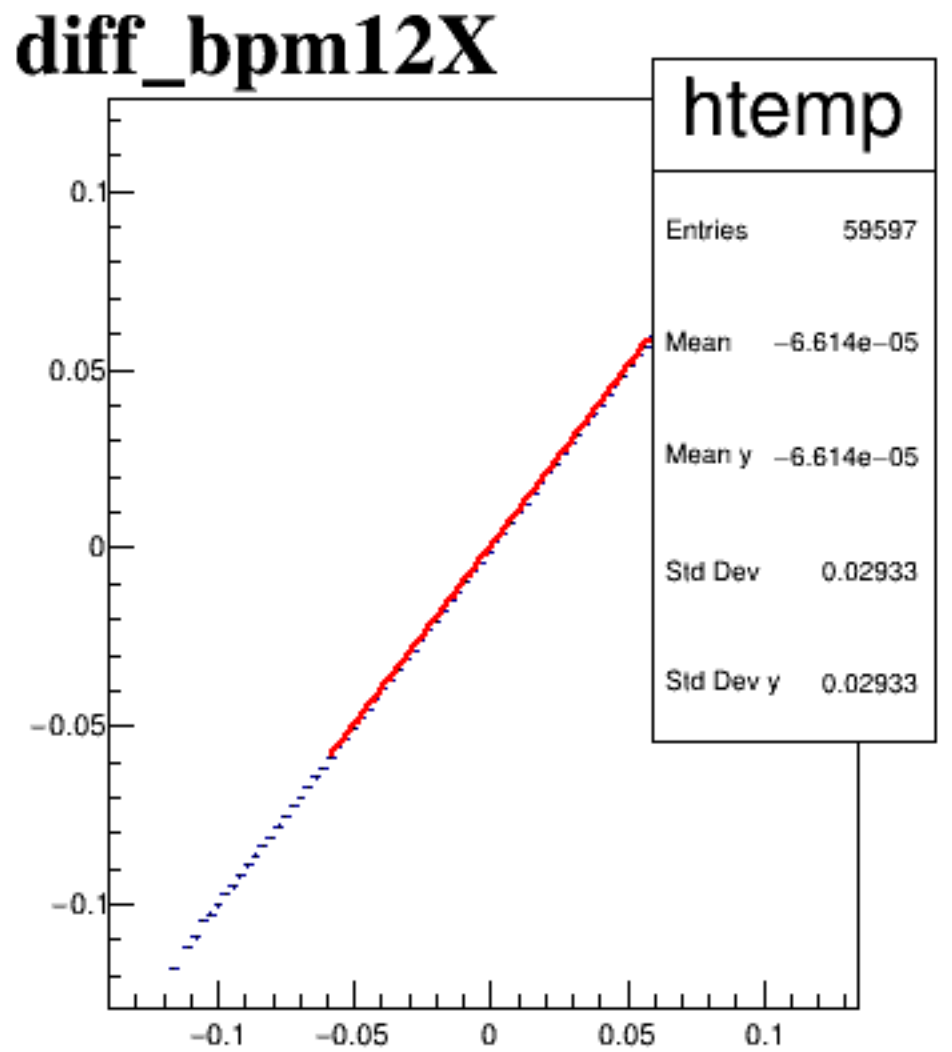
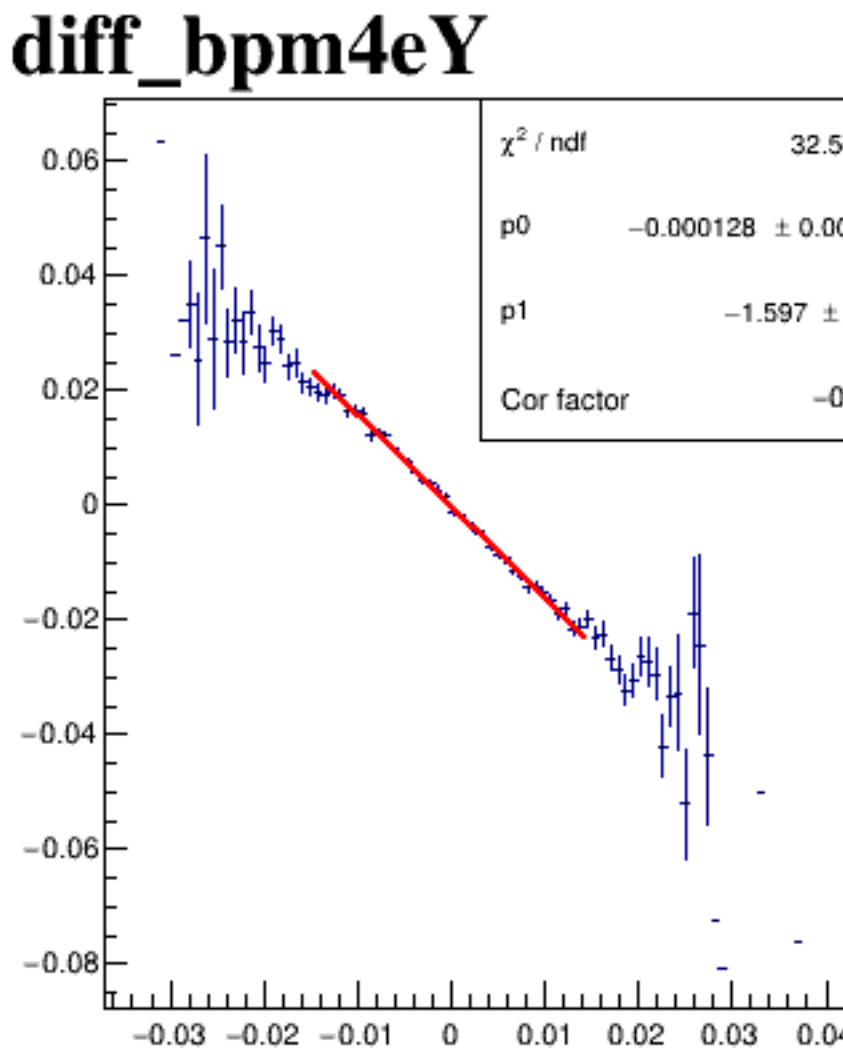
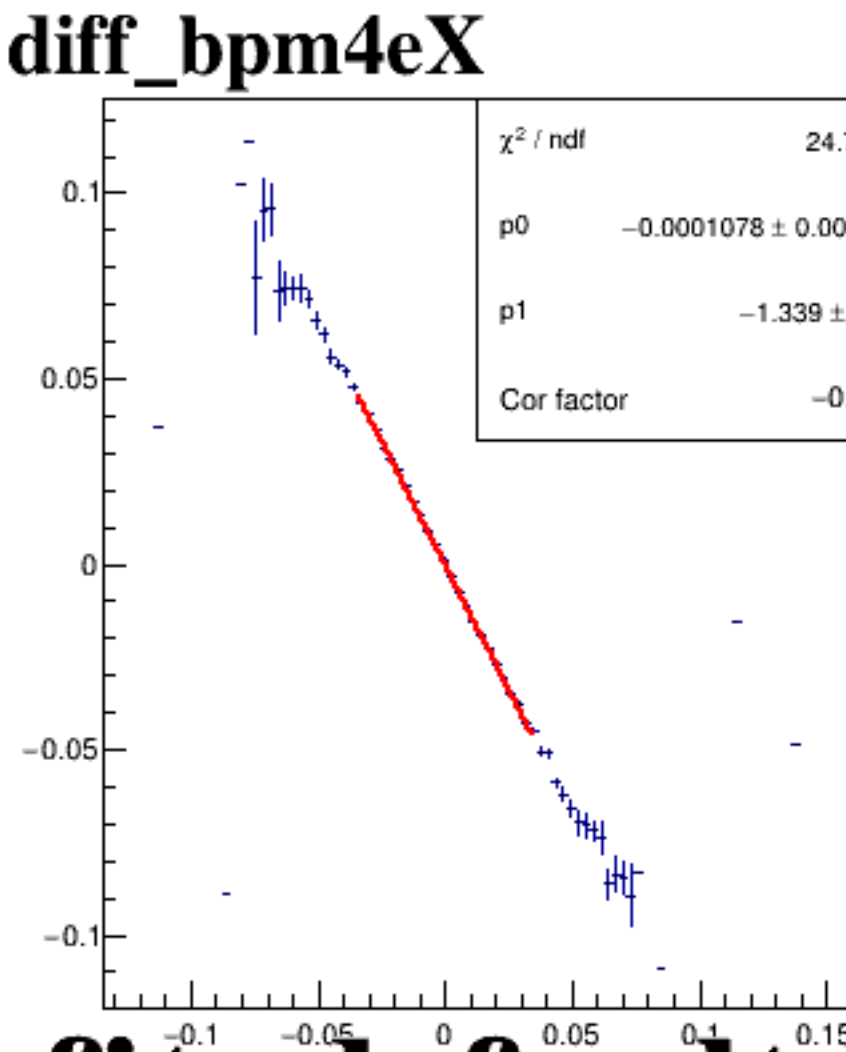
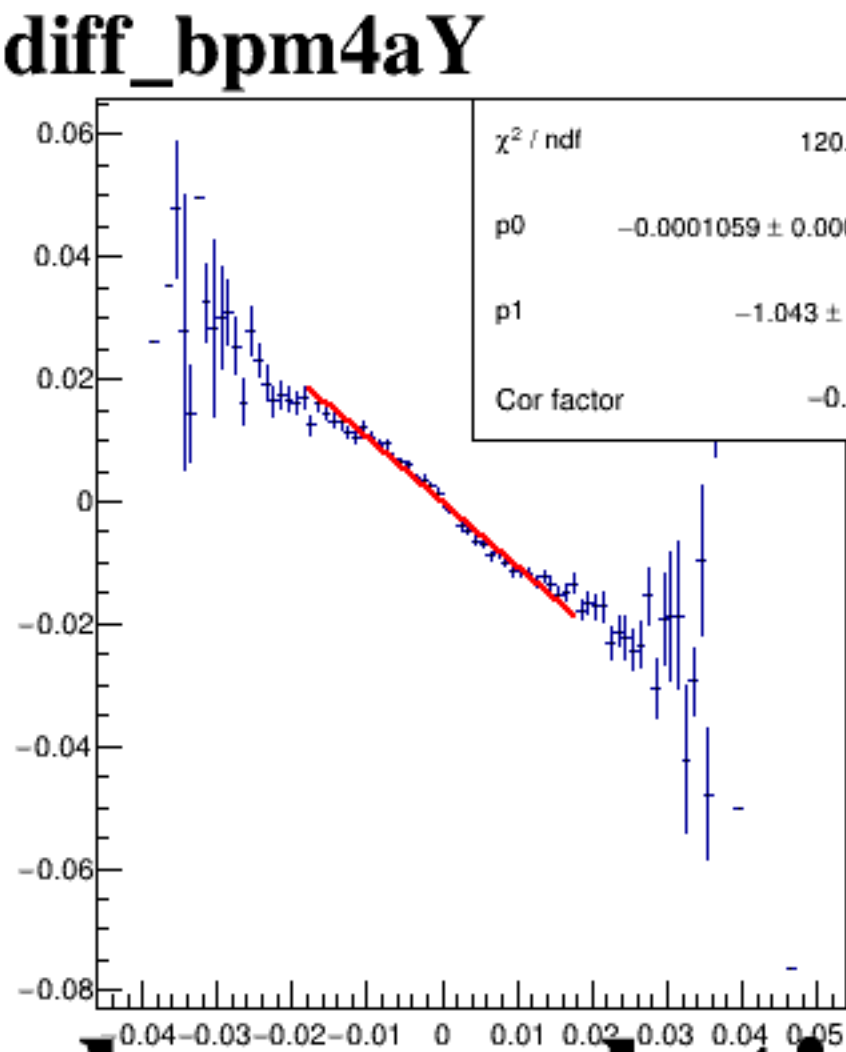
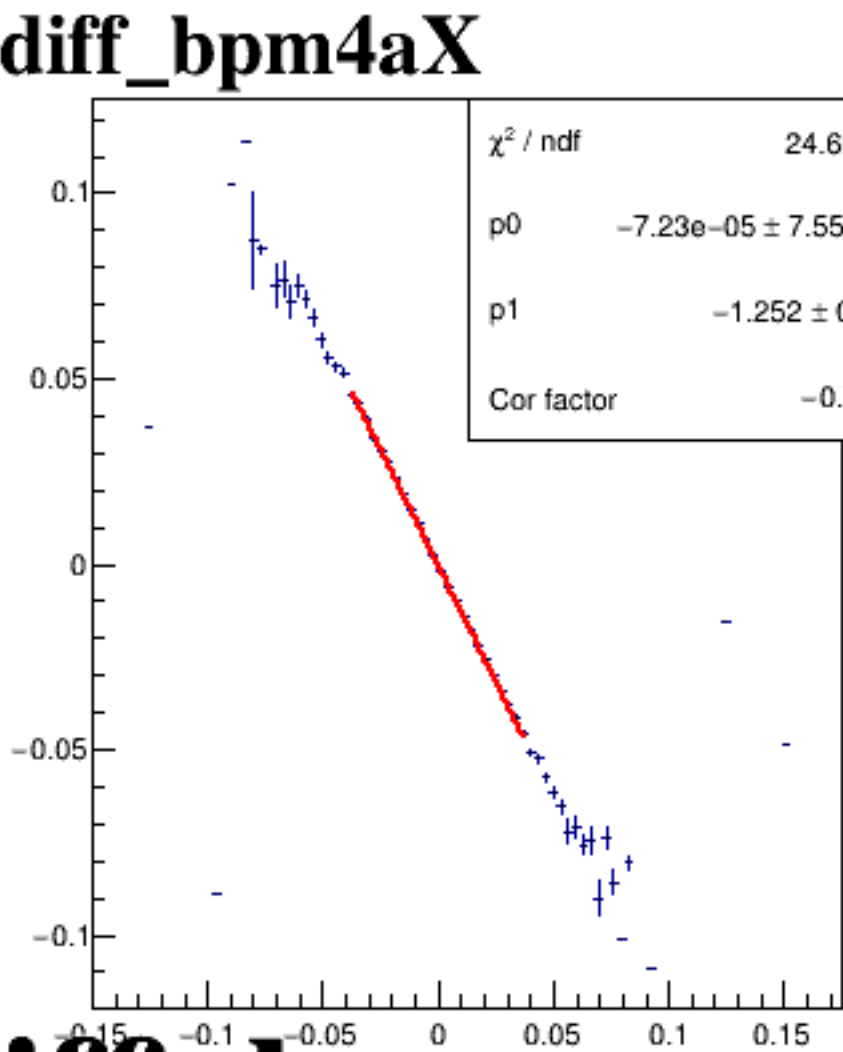
diff_bpm4eX

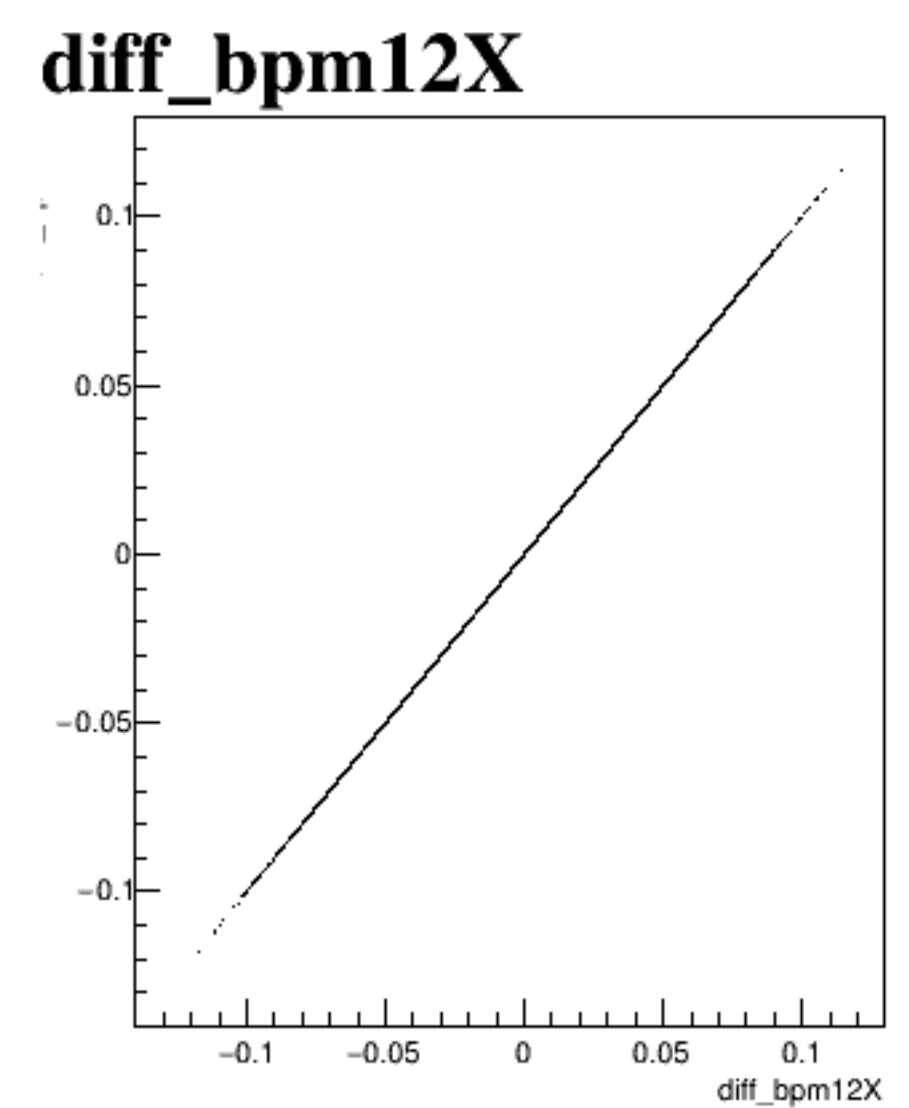
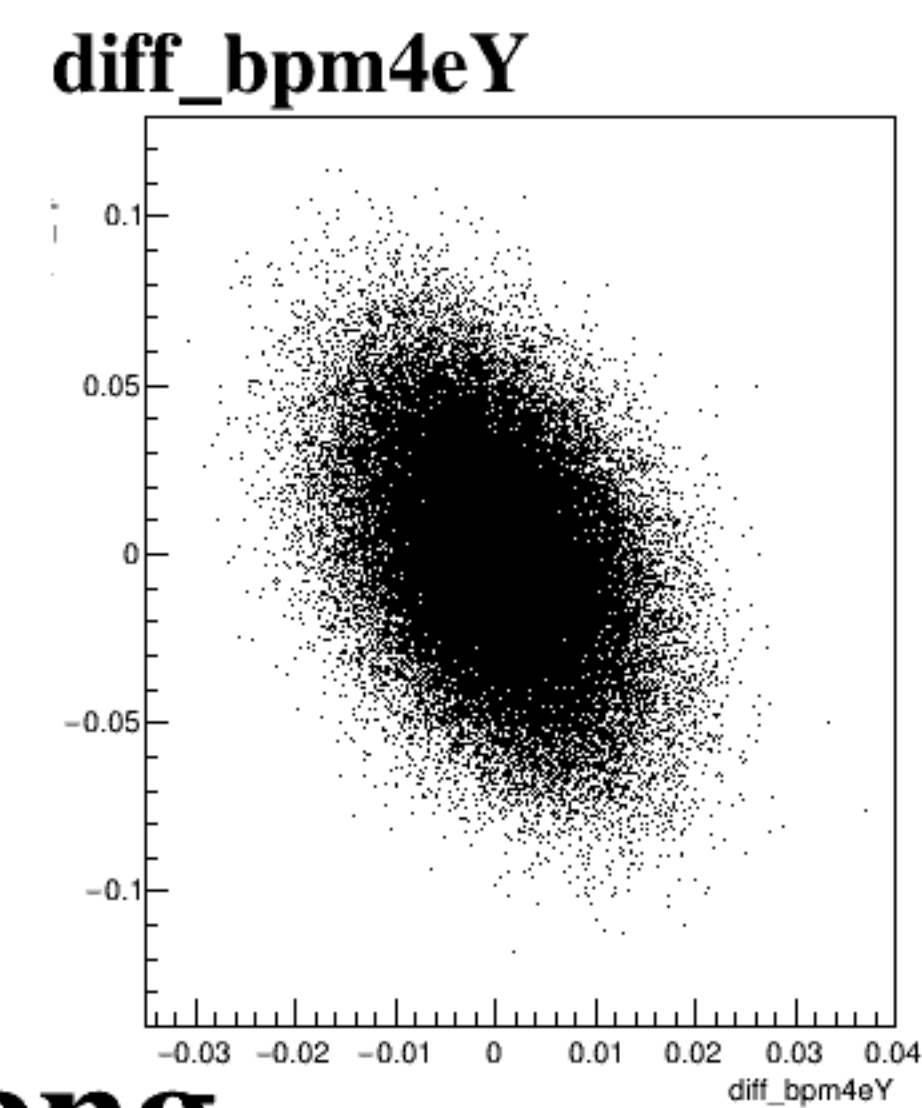
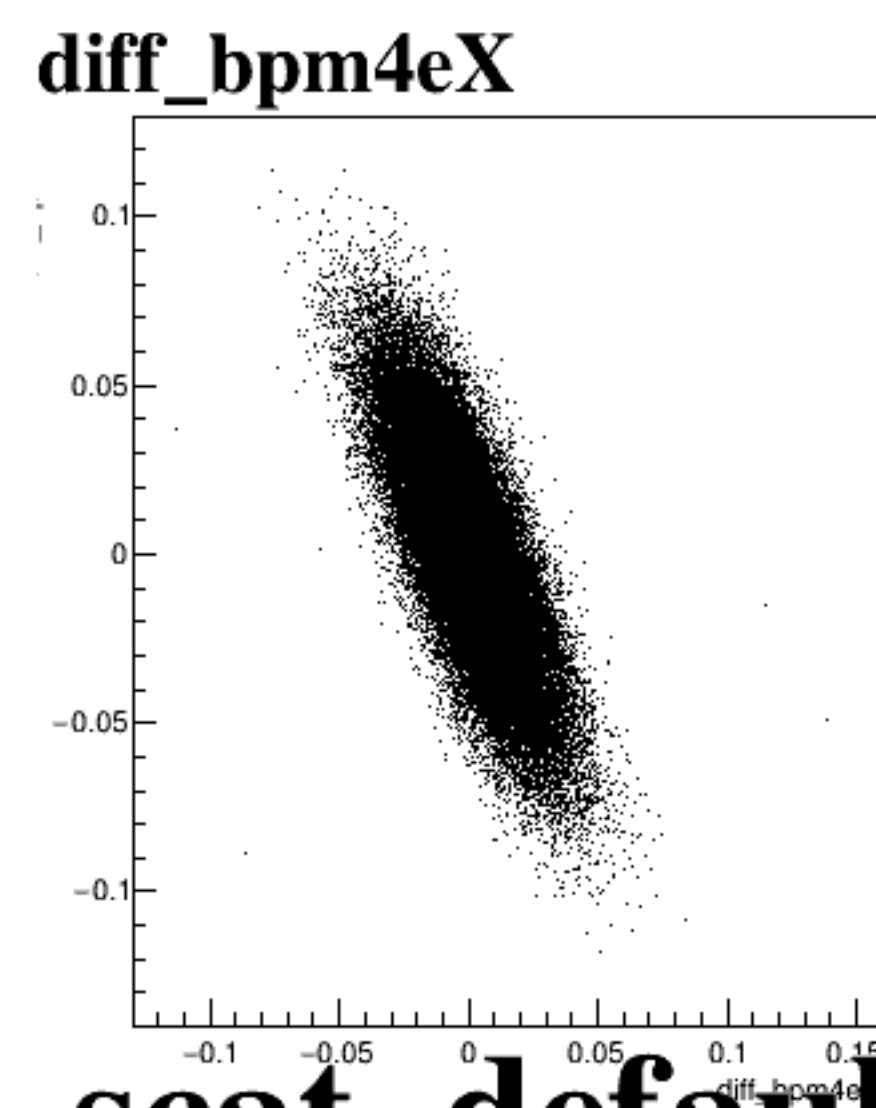
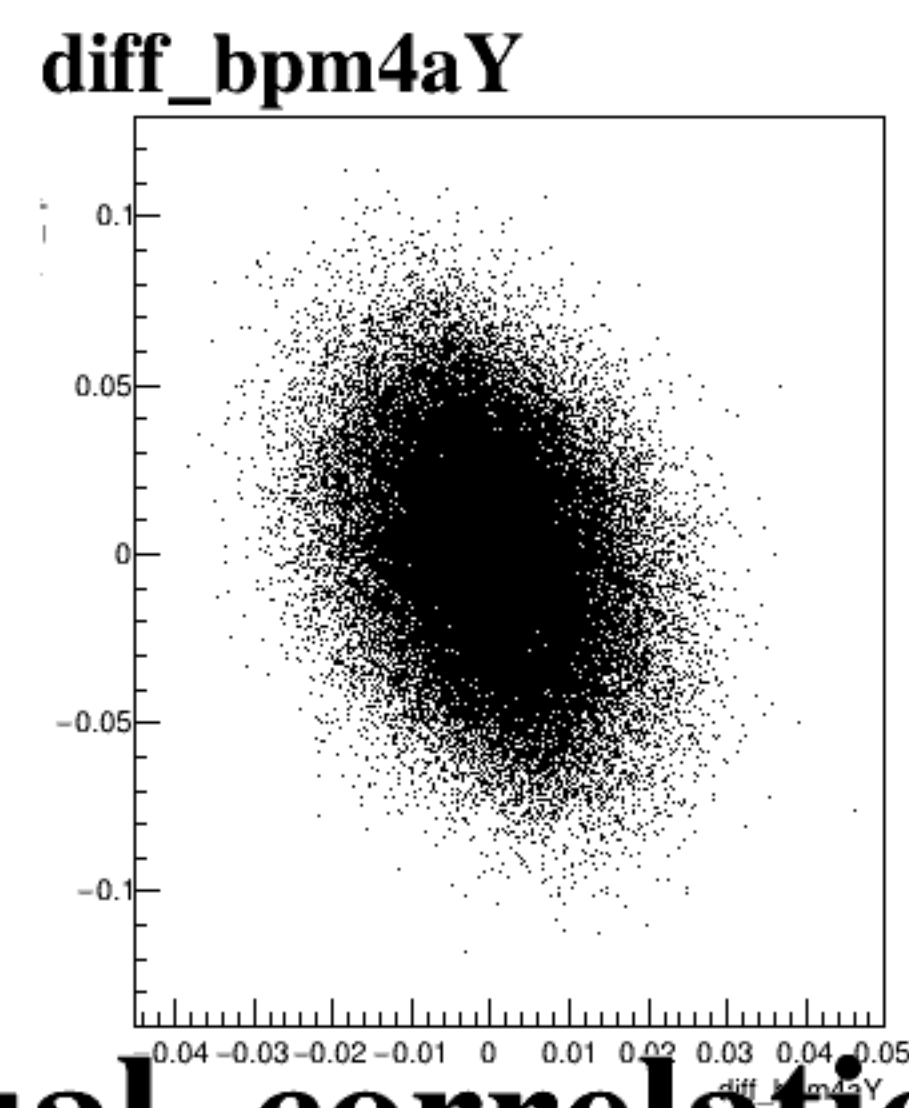
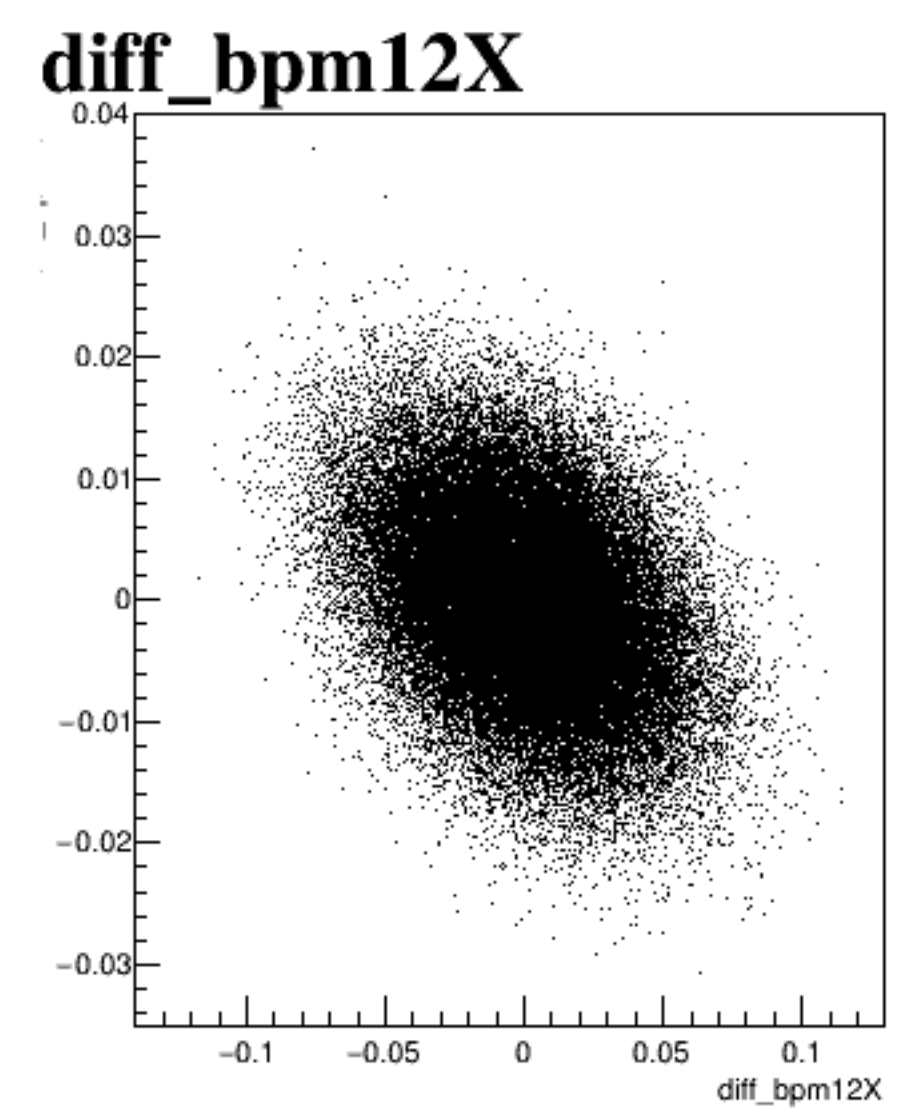
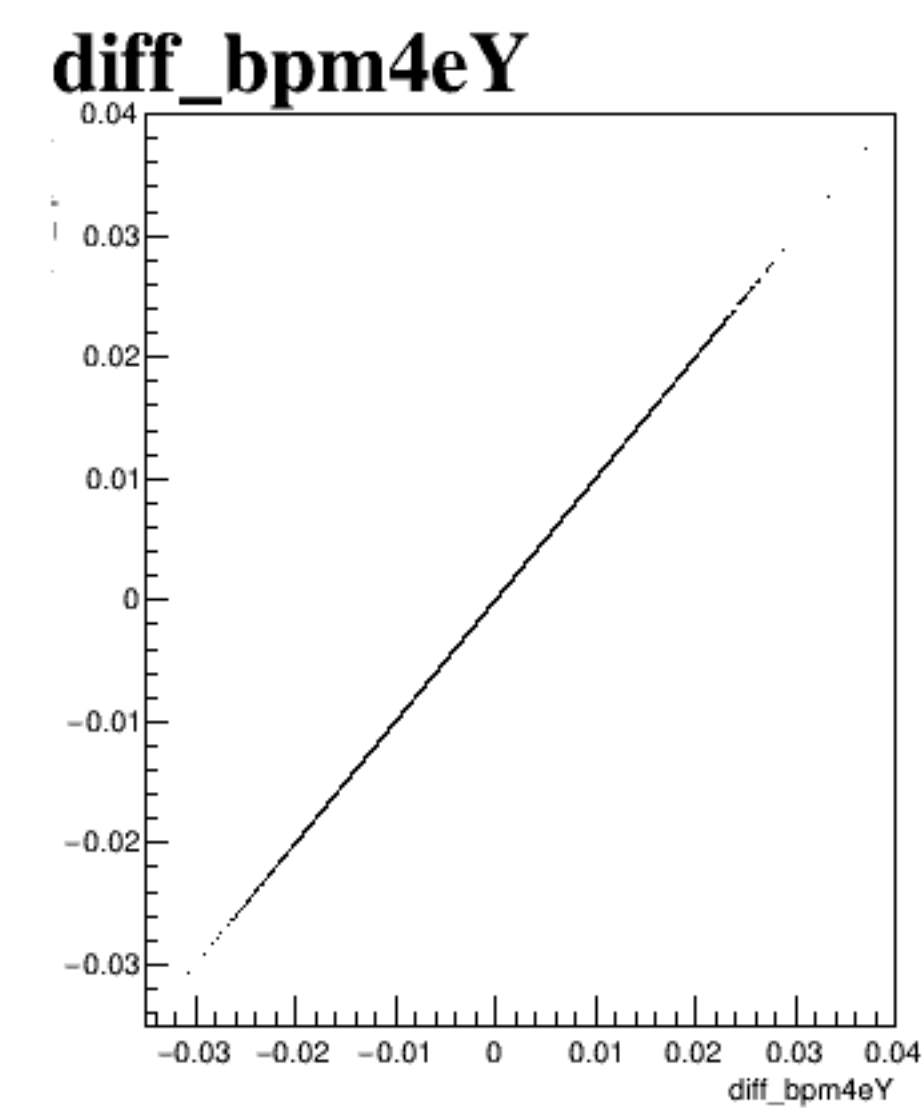
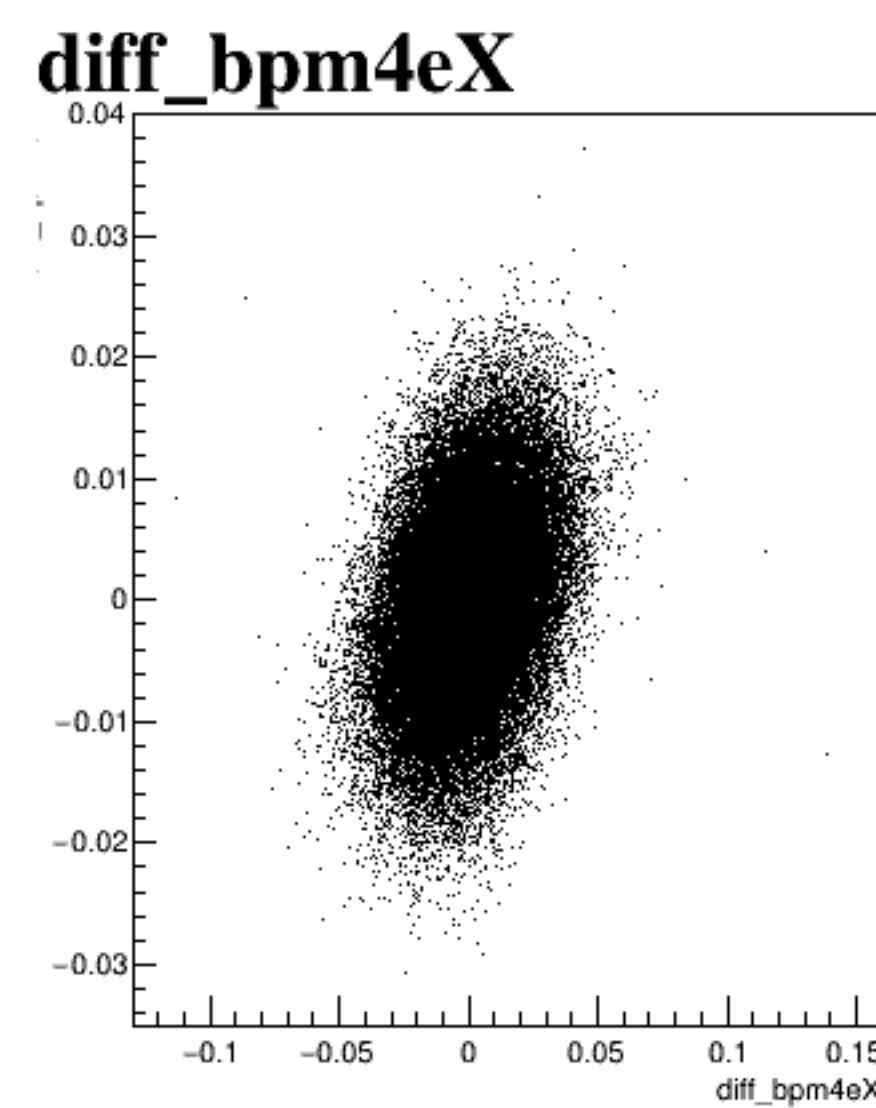
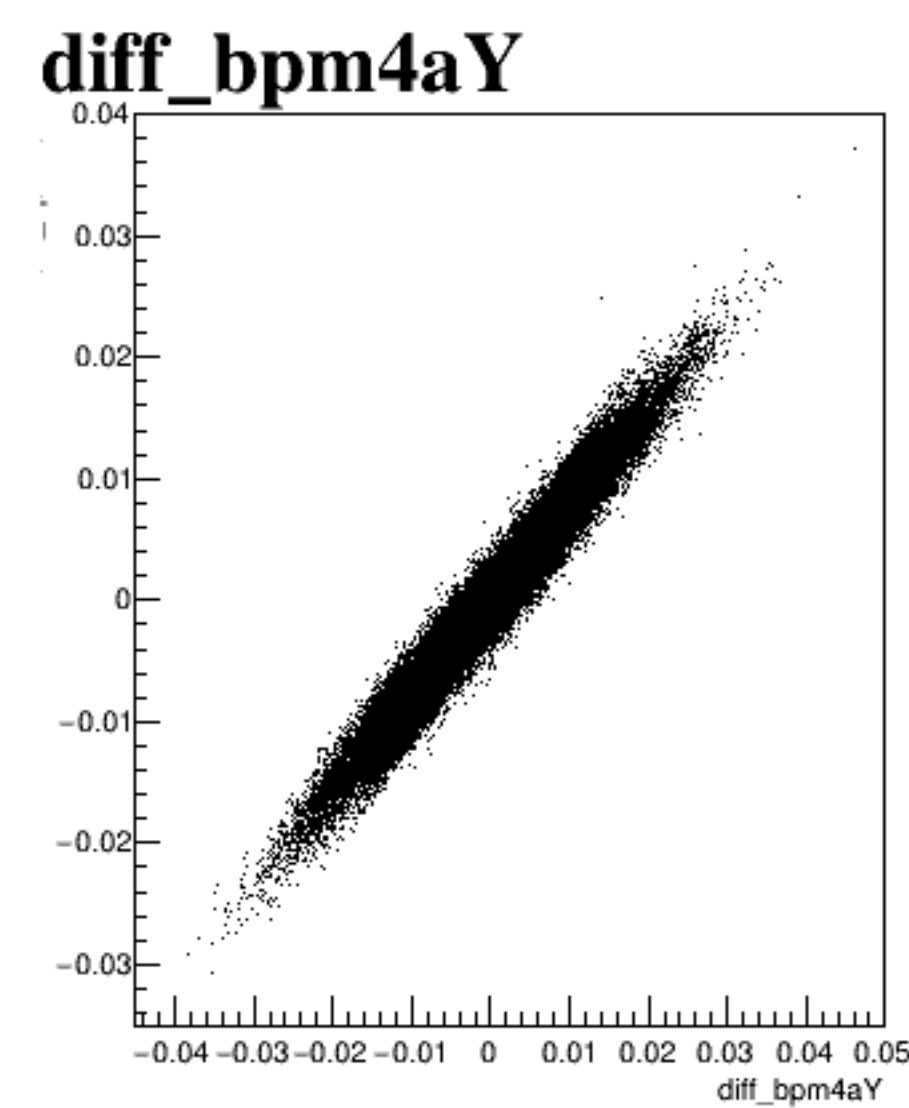
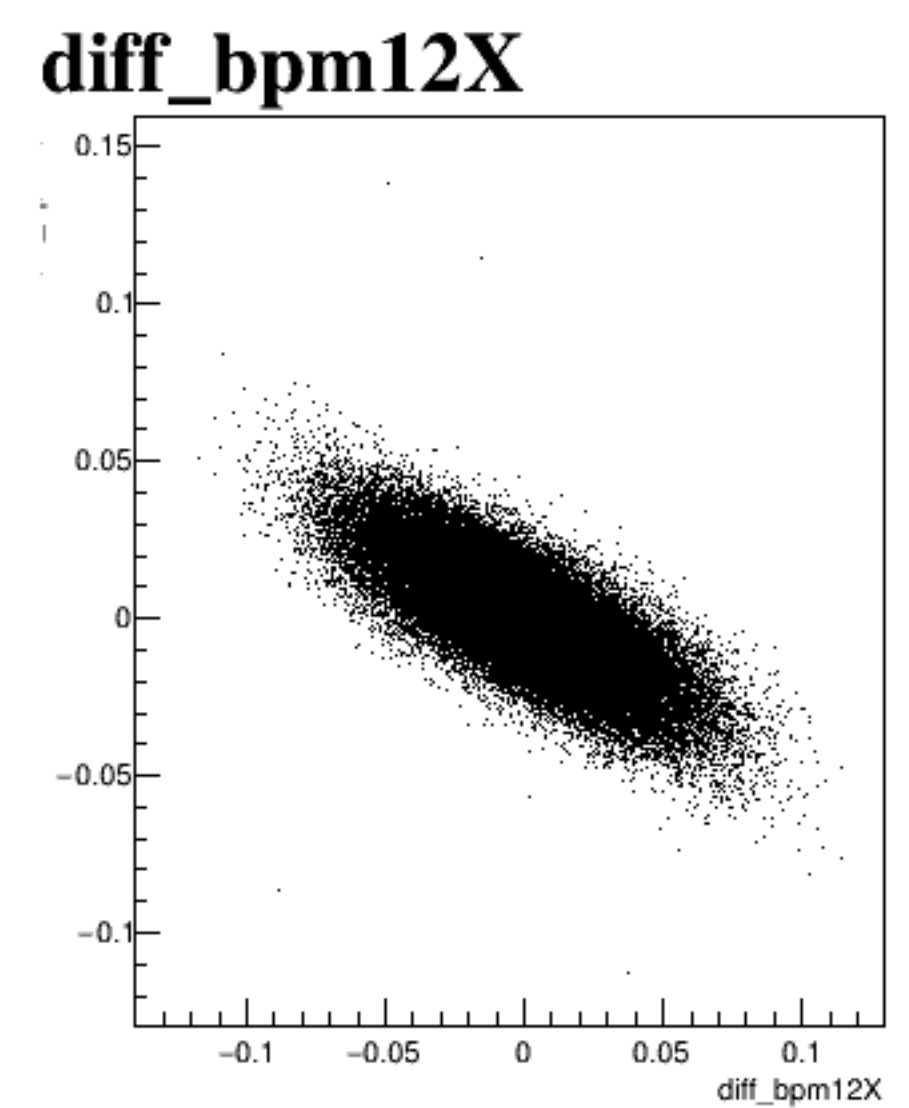
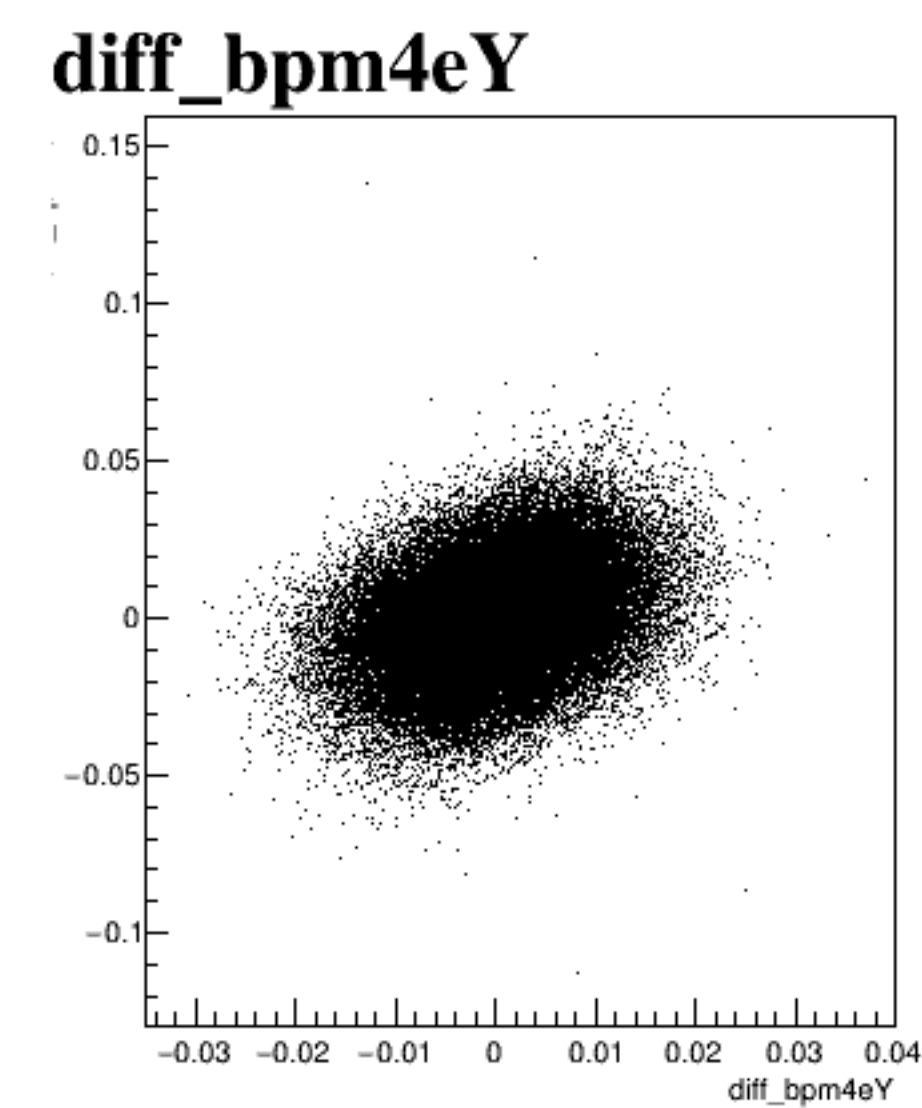
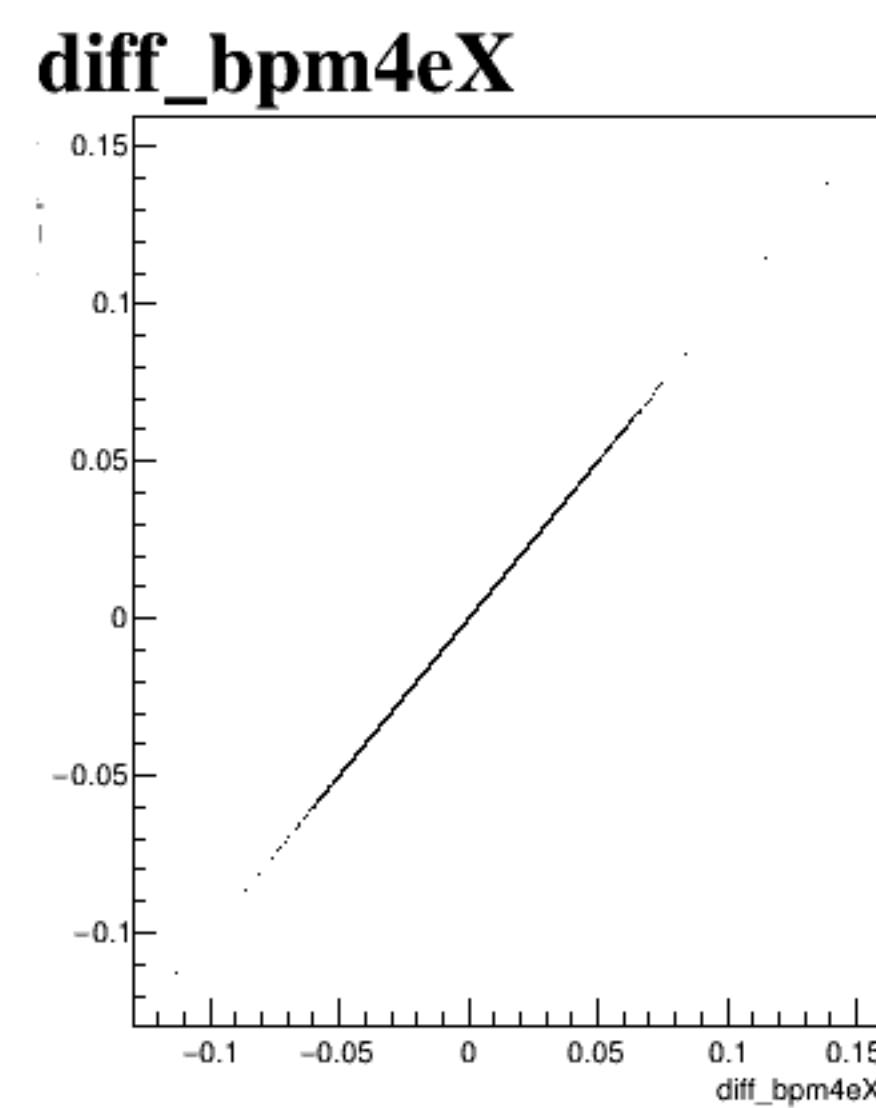
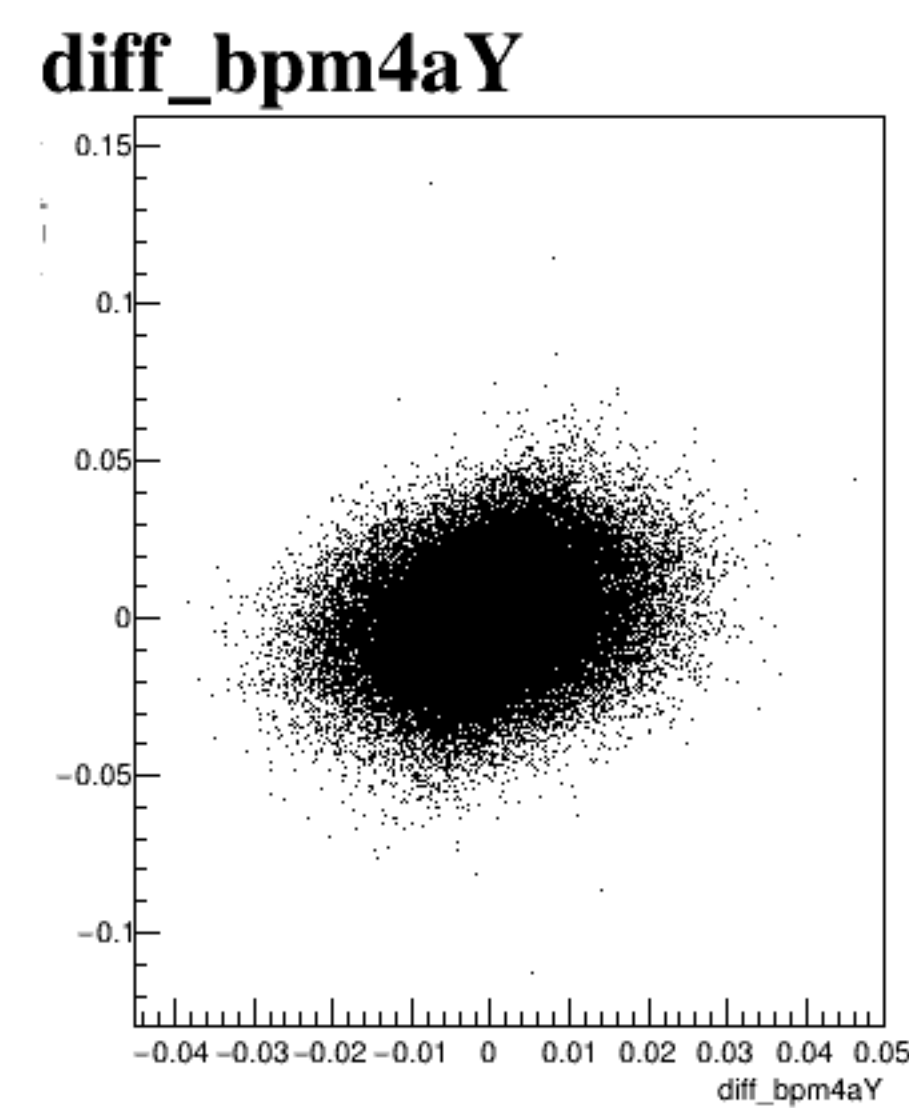
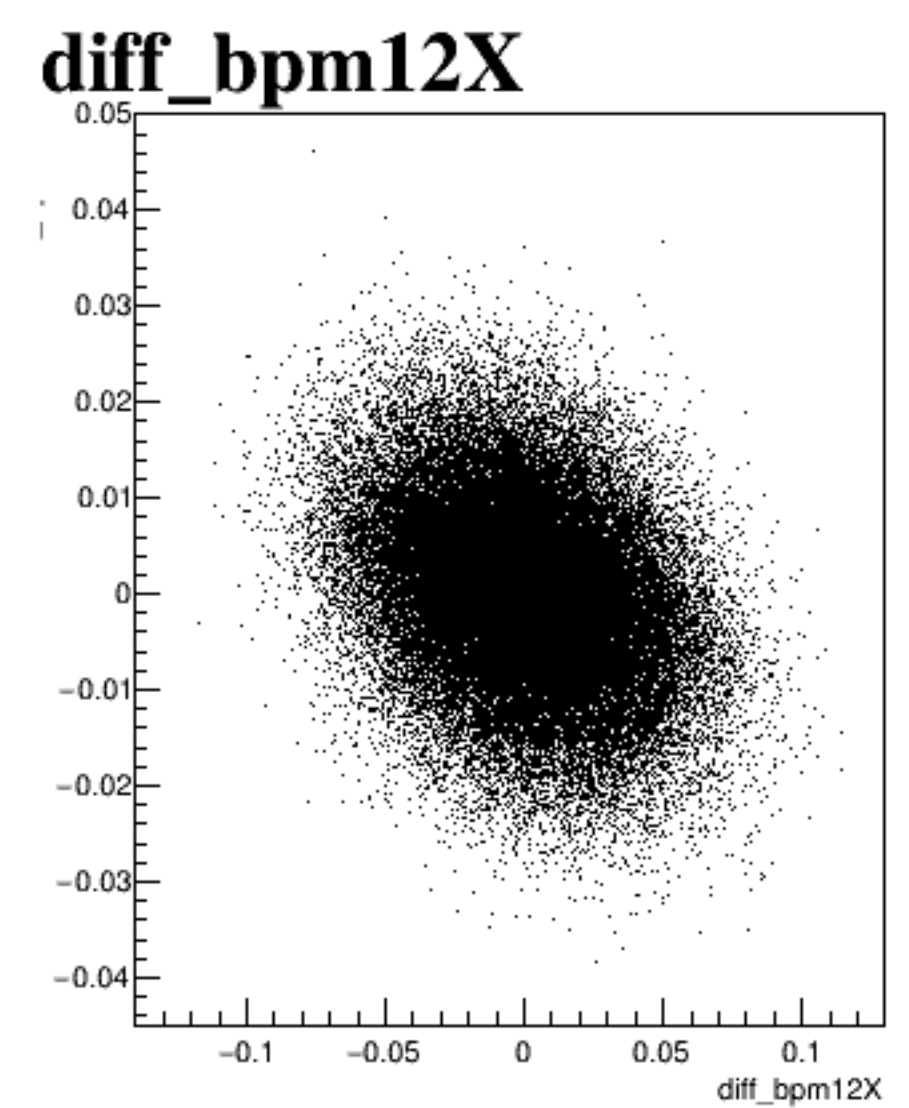
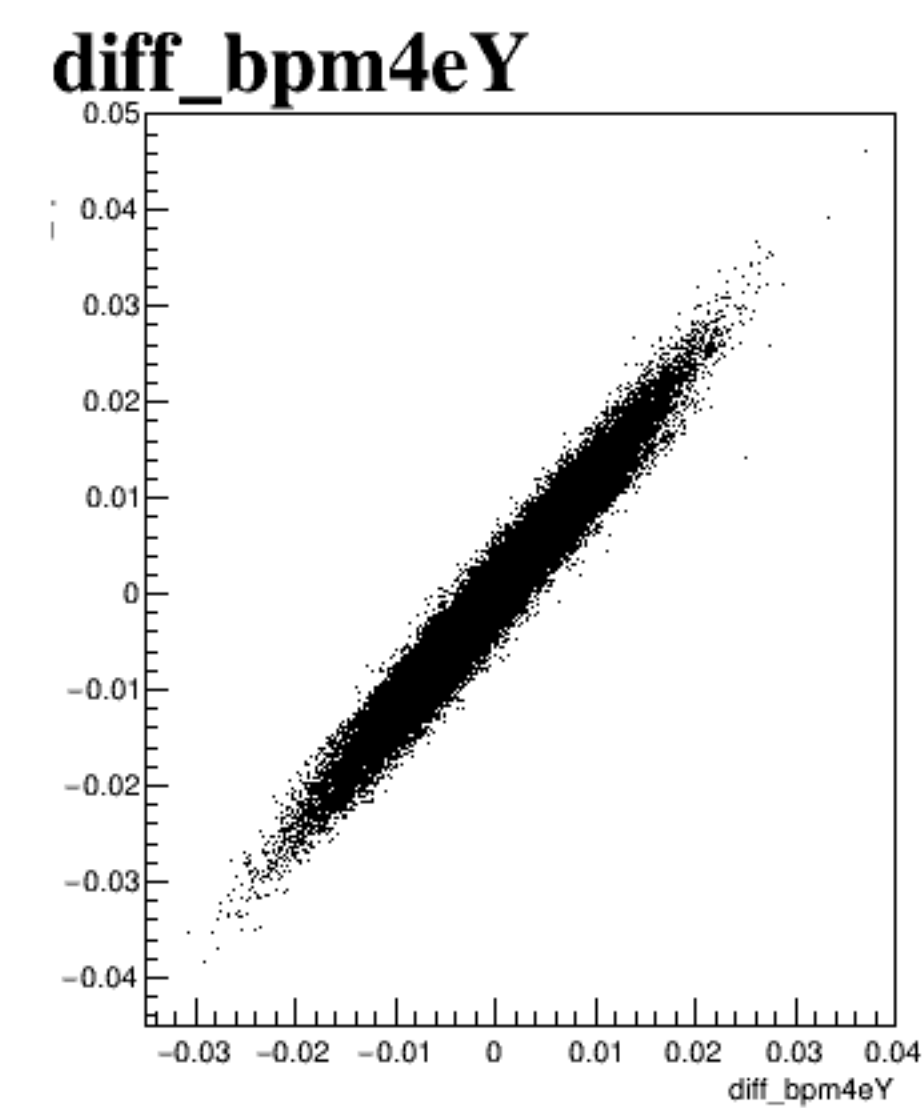
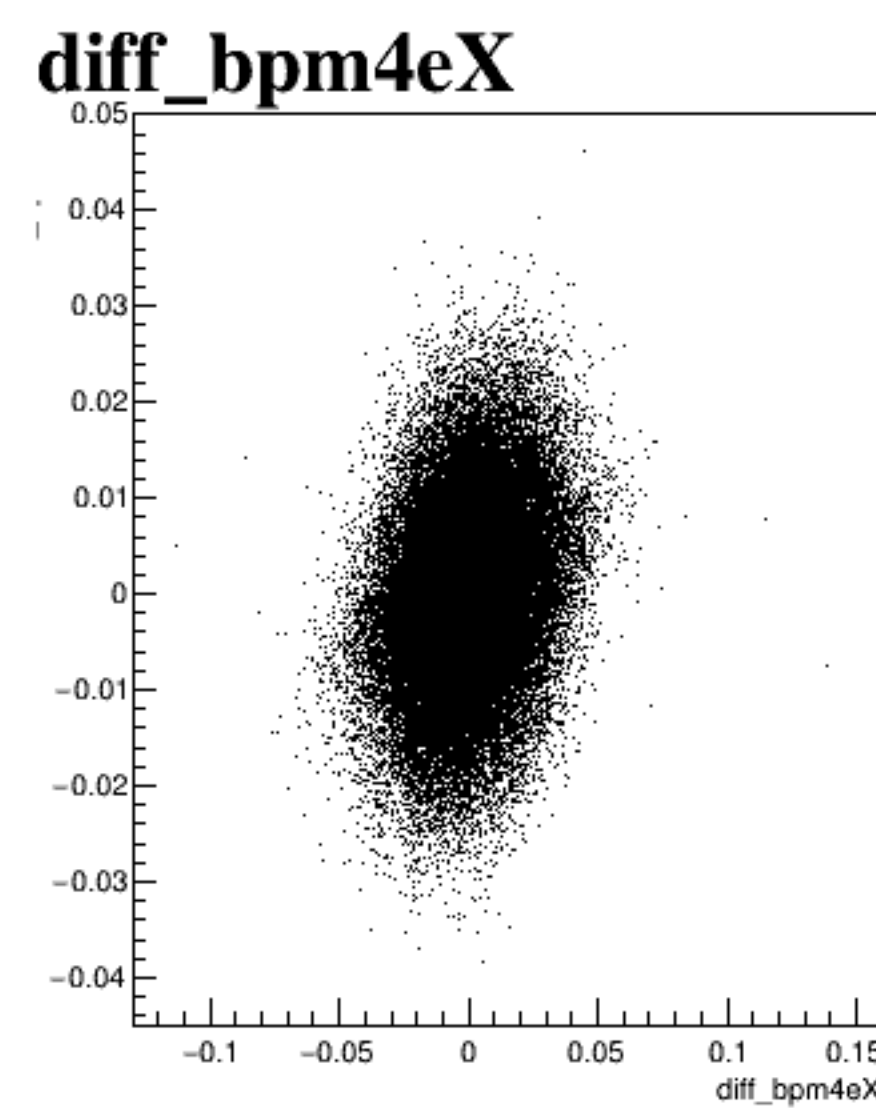
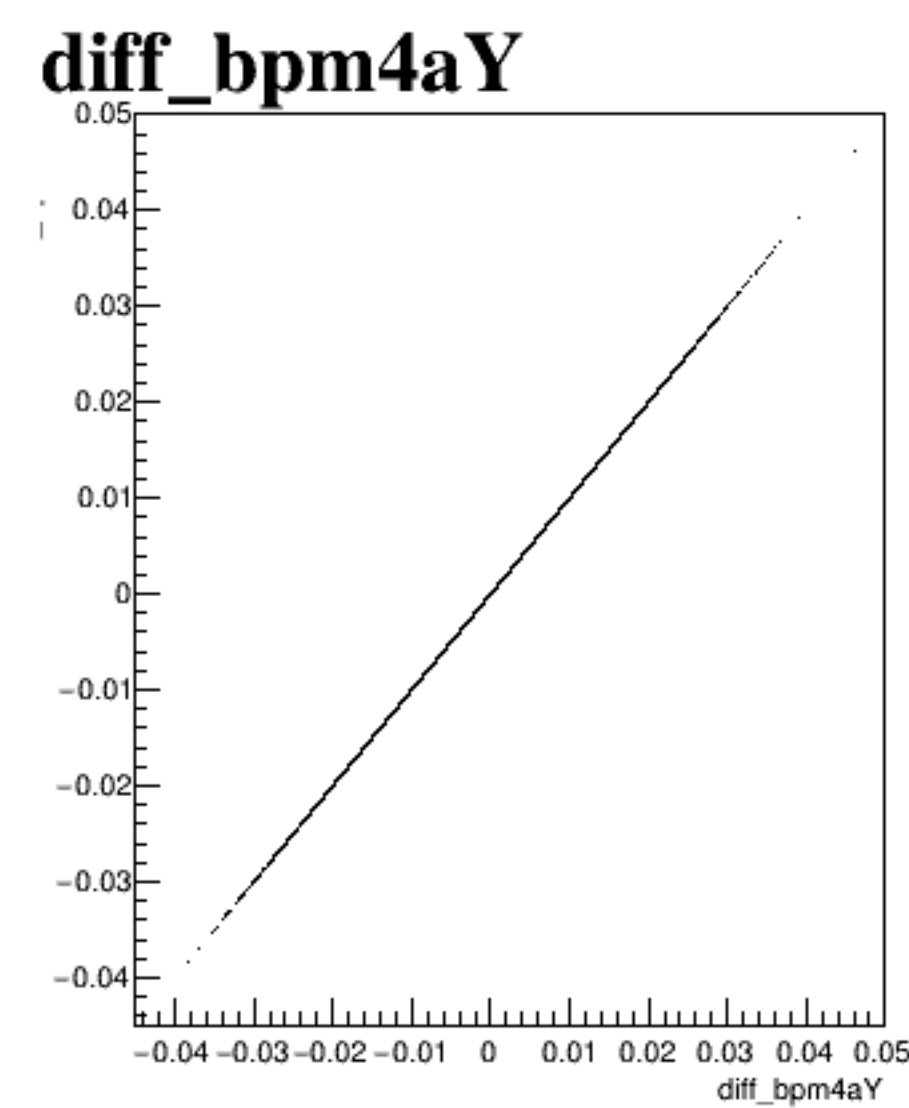
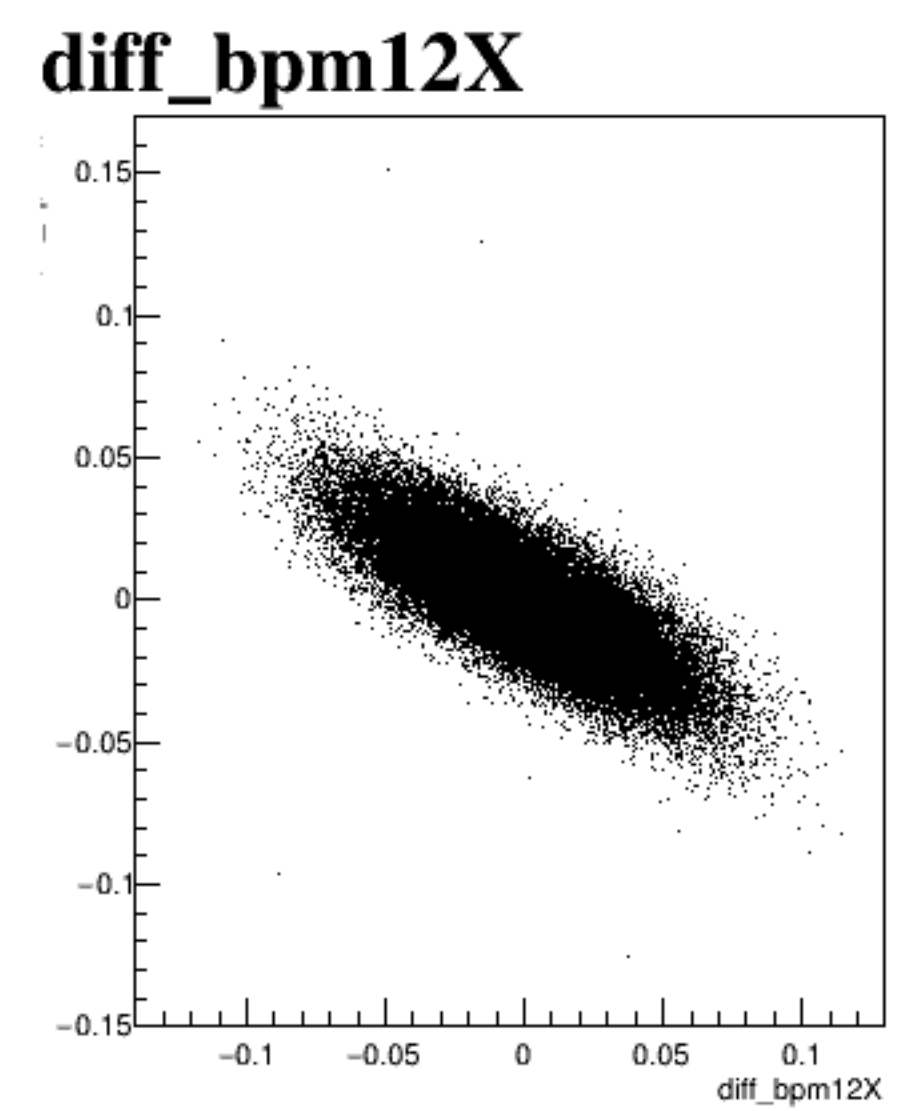
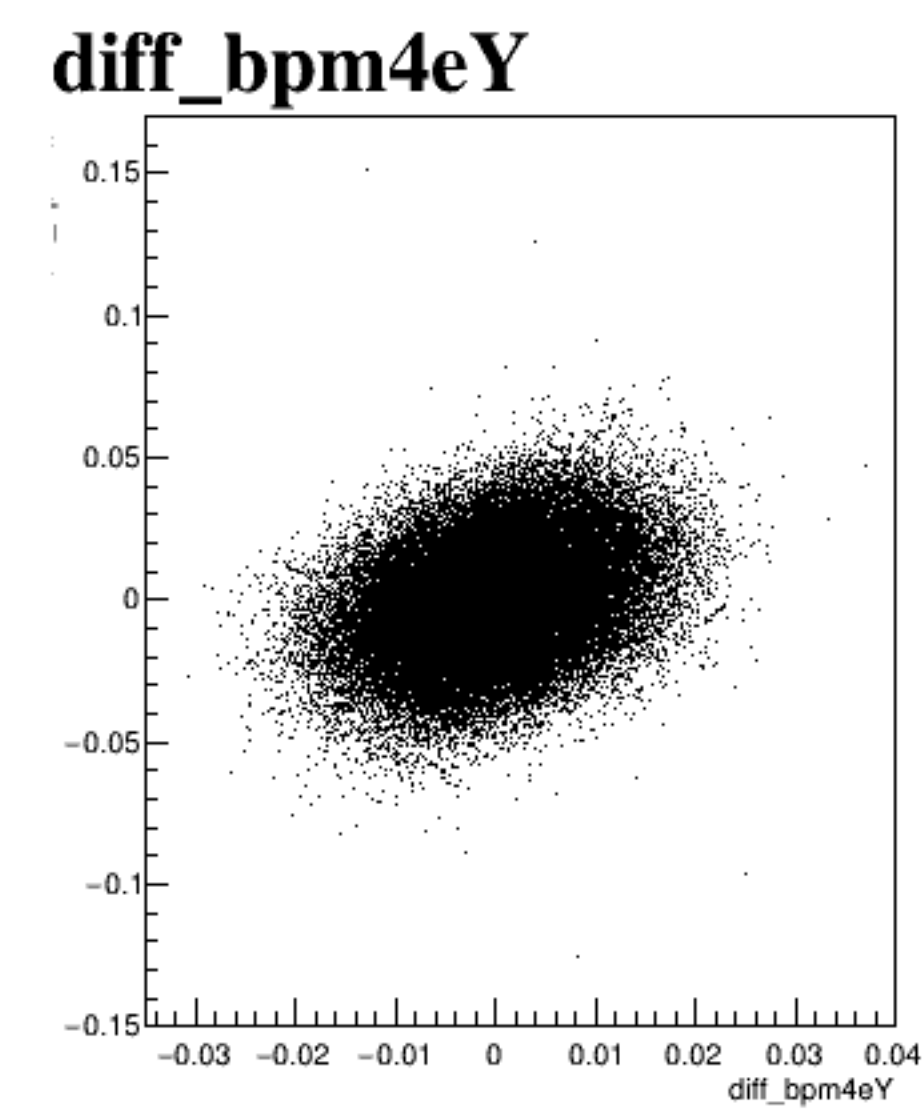
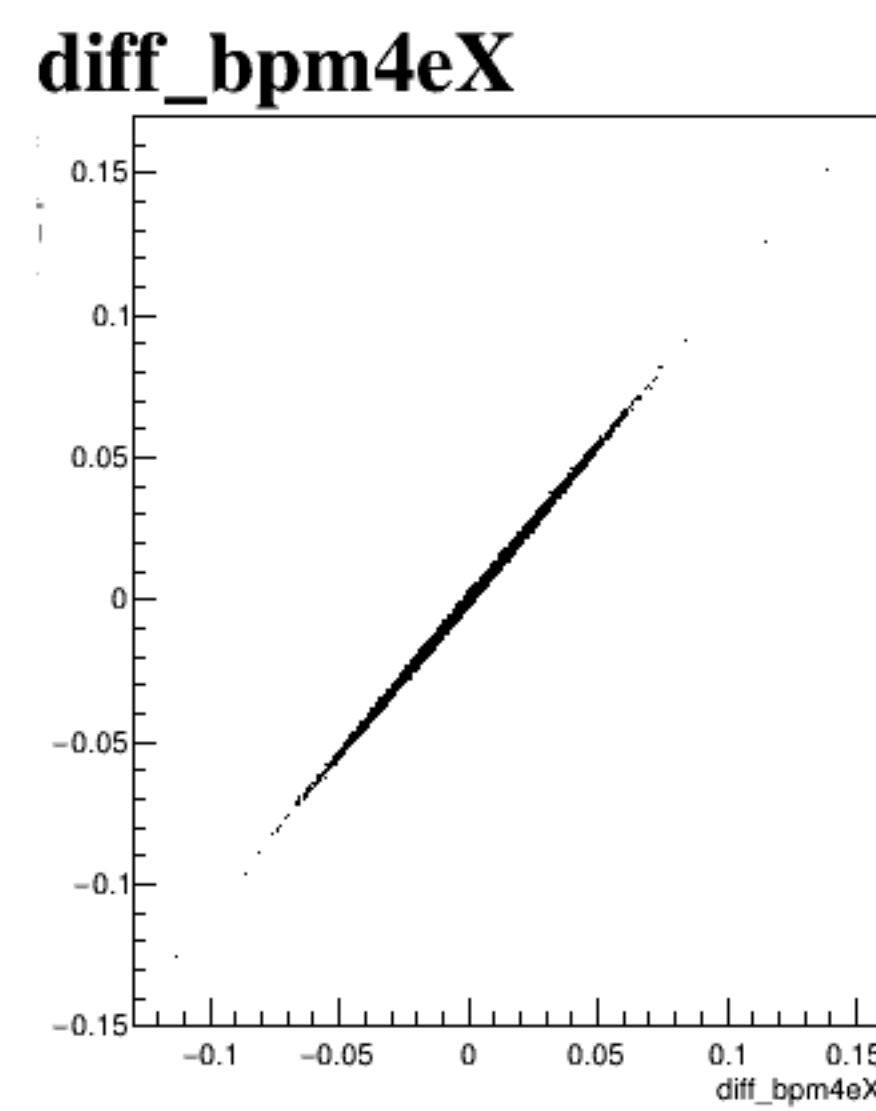
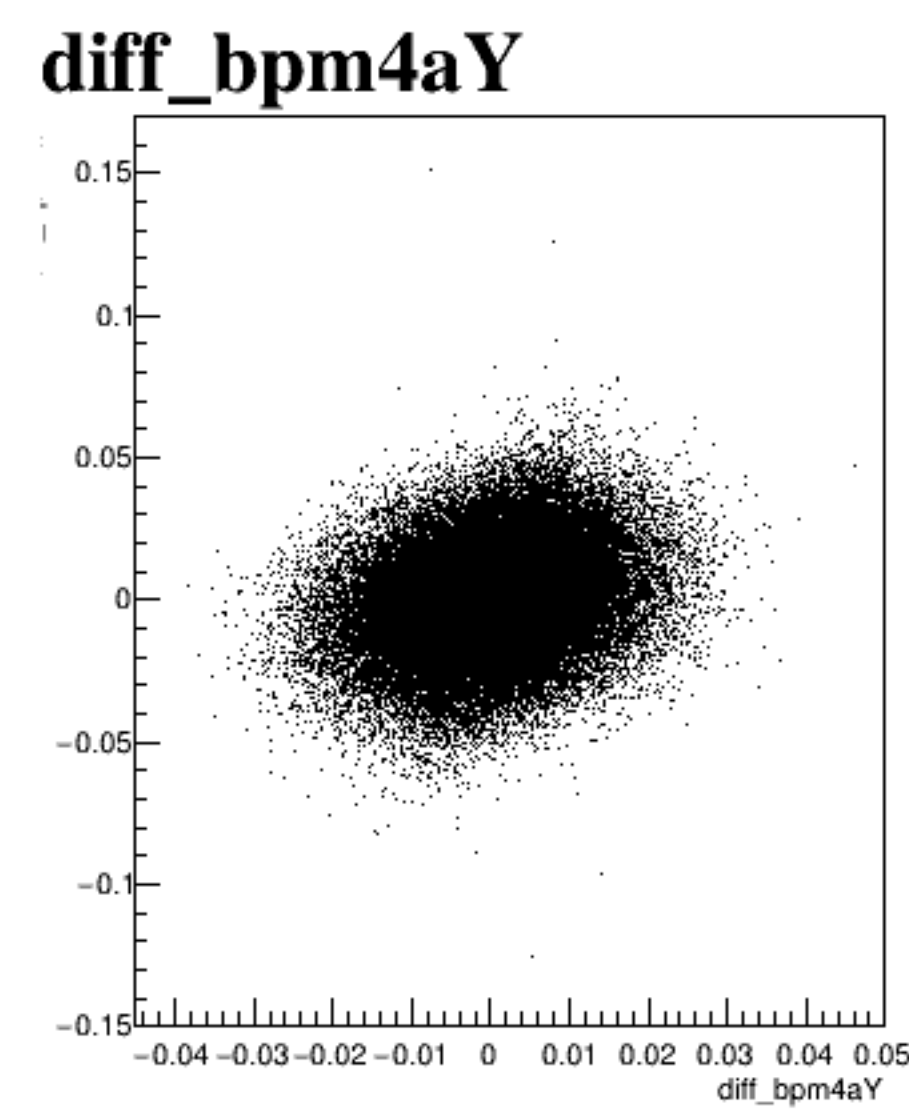


diff_bpm4eY



diff_bpm12X

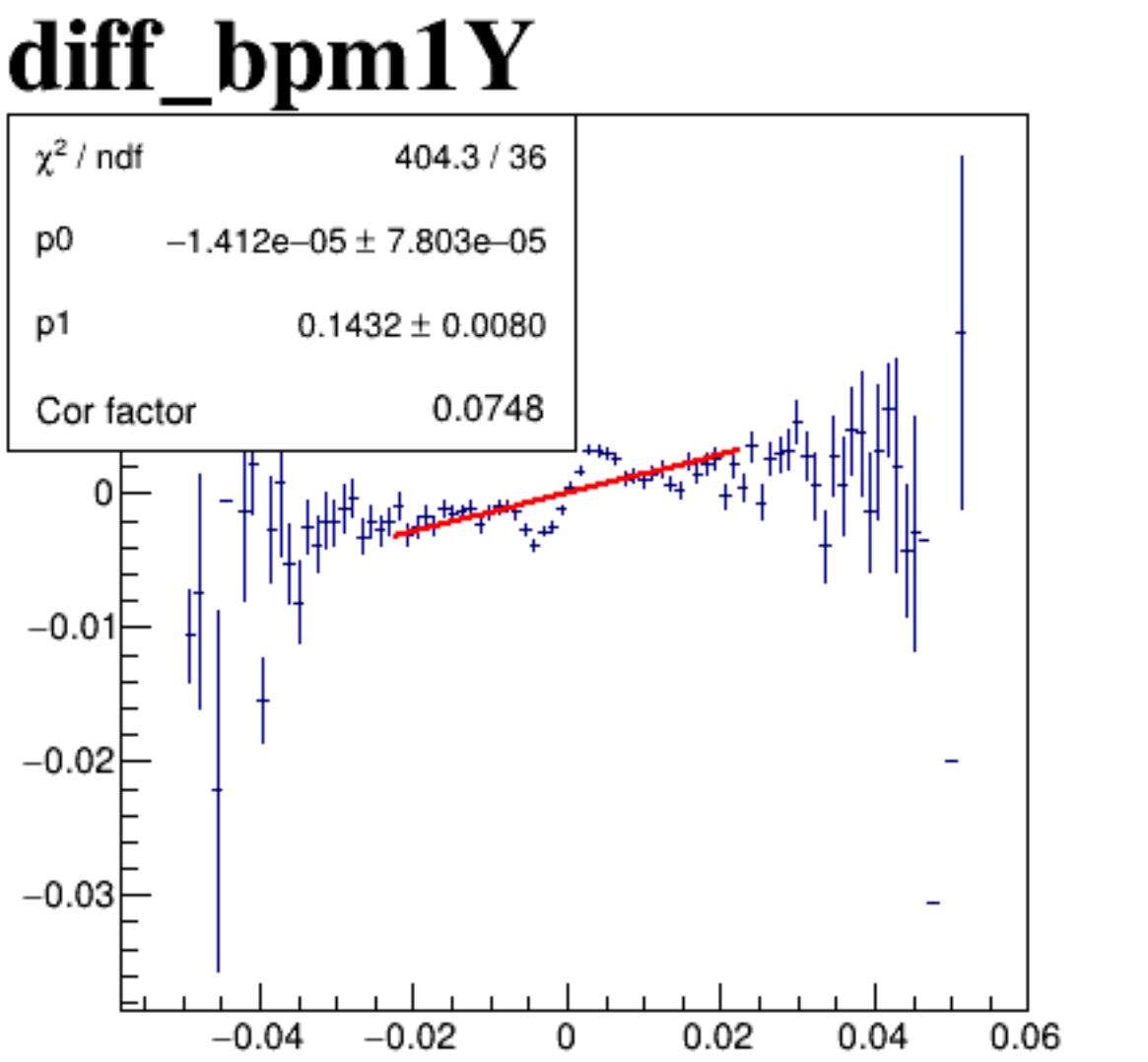
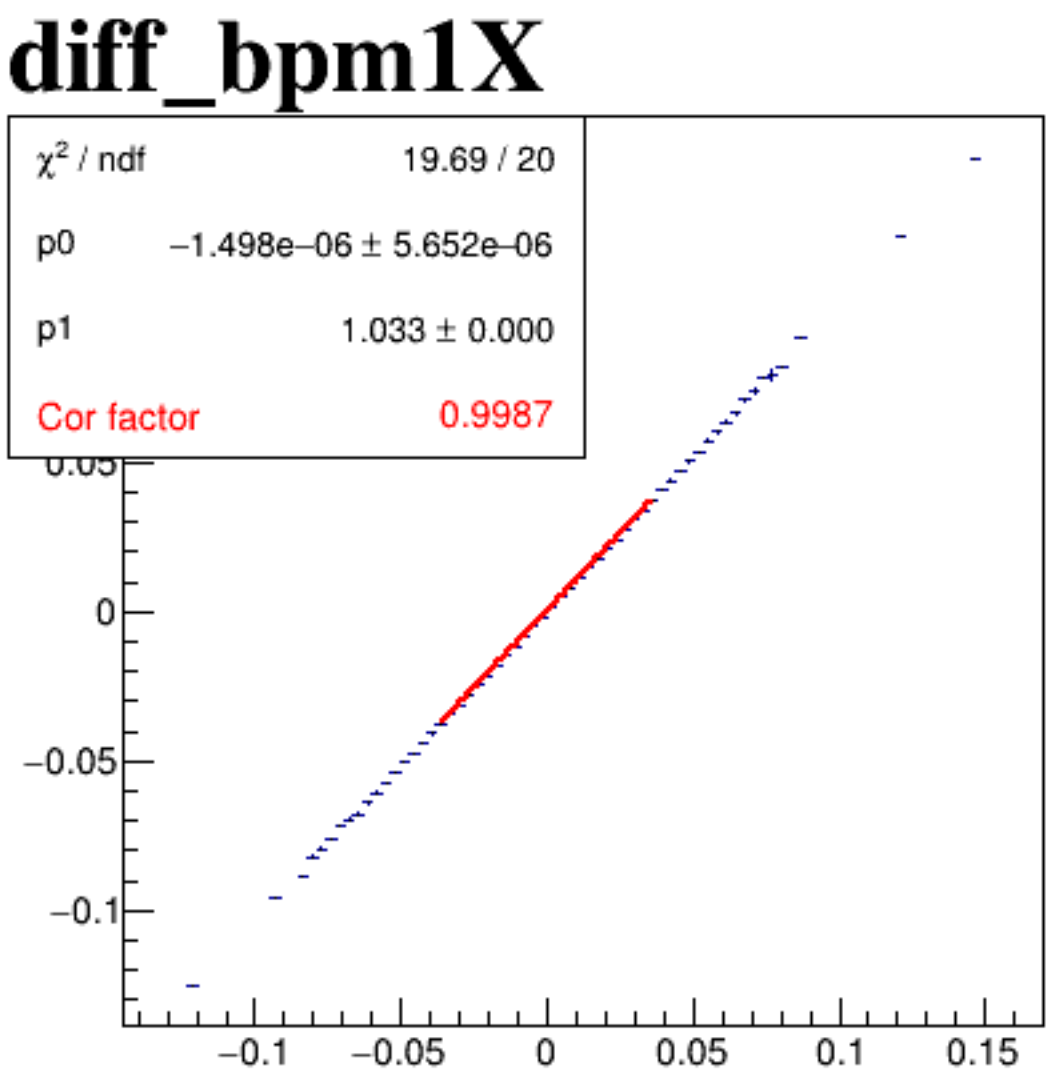
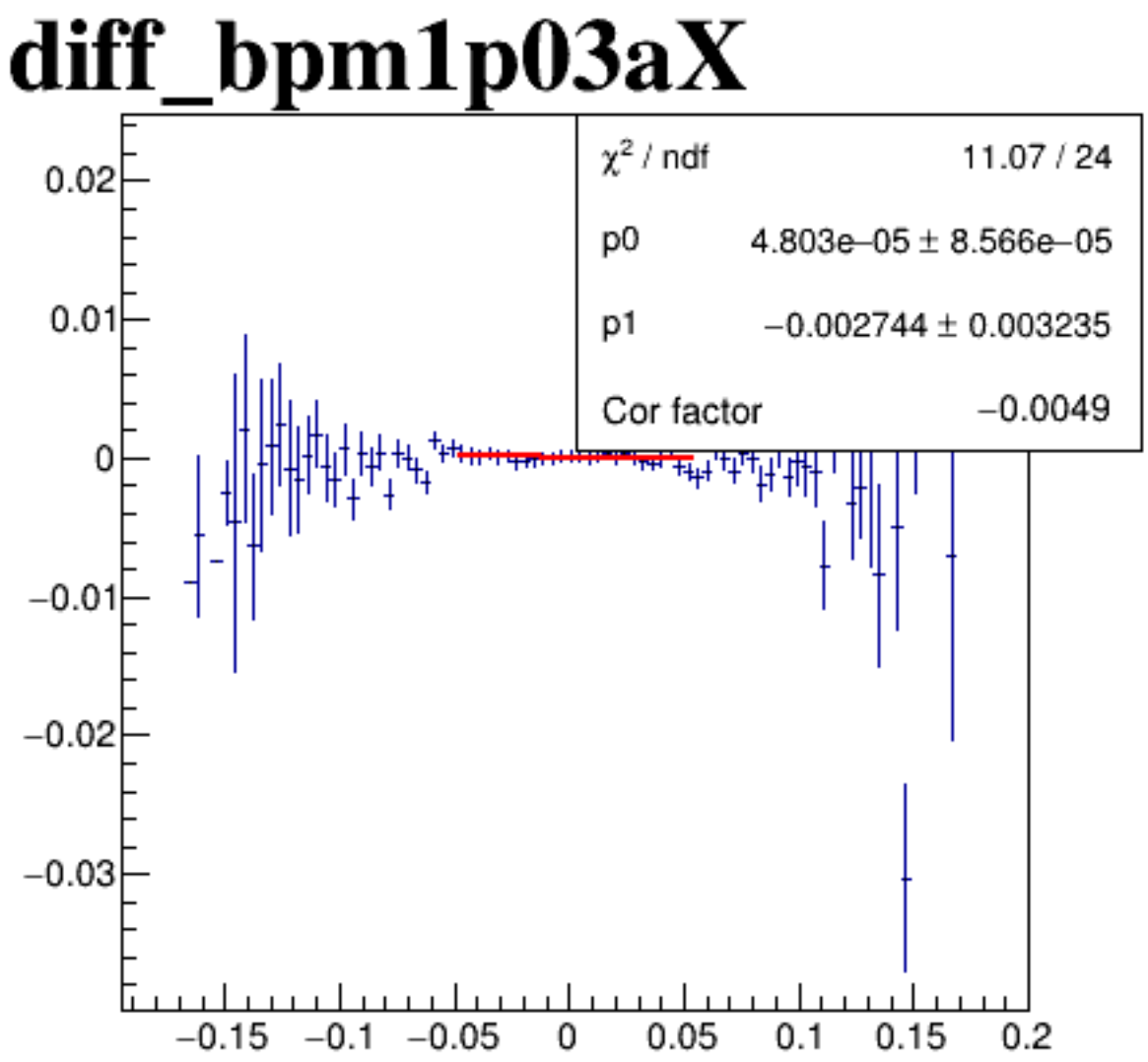
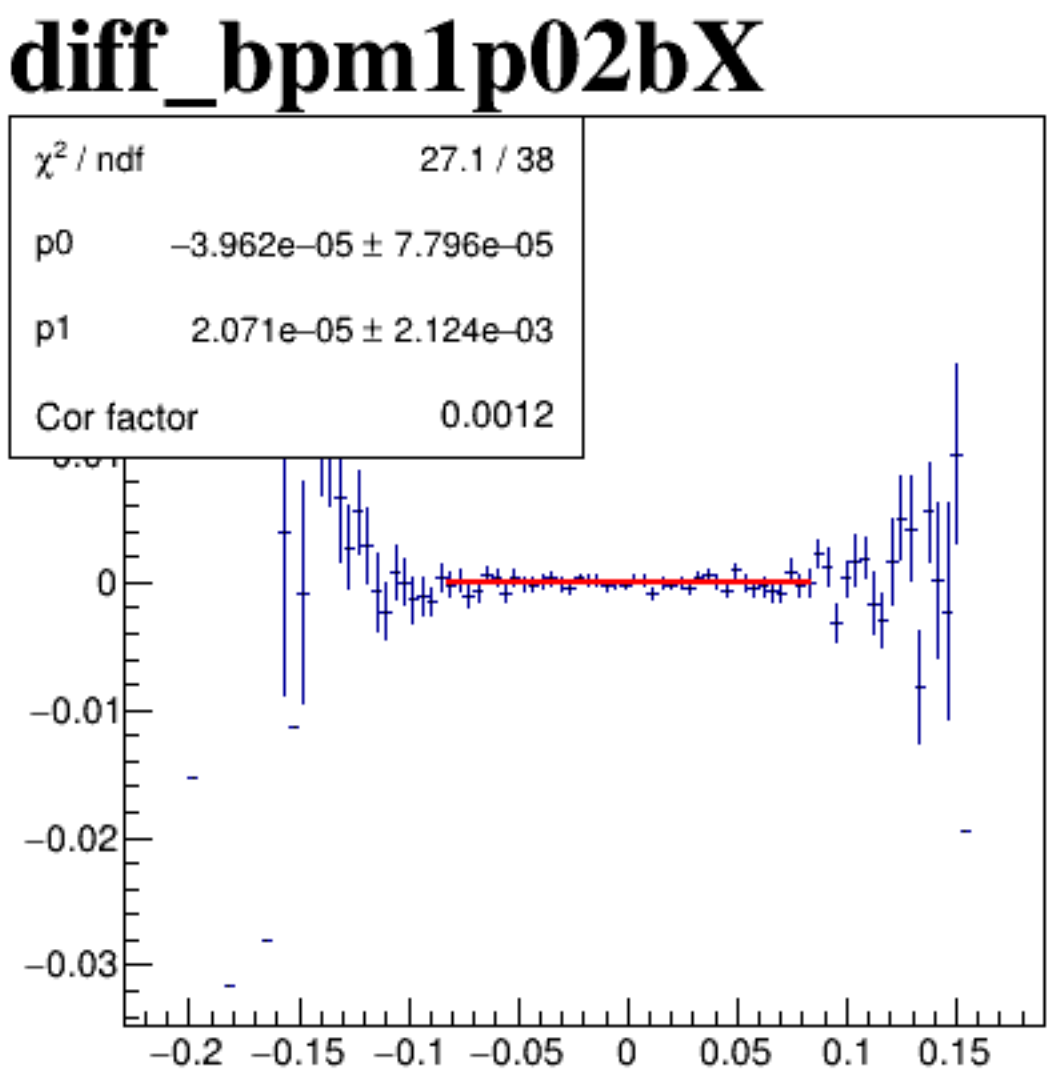




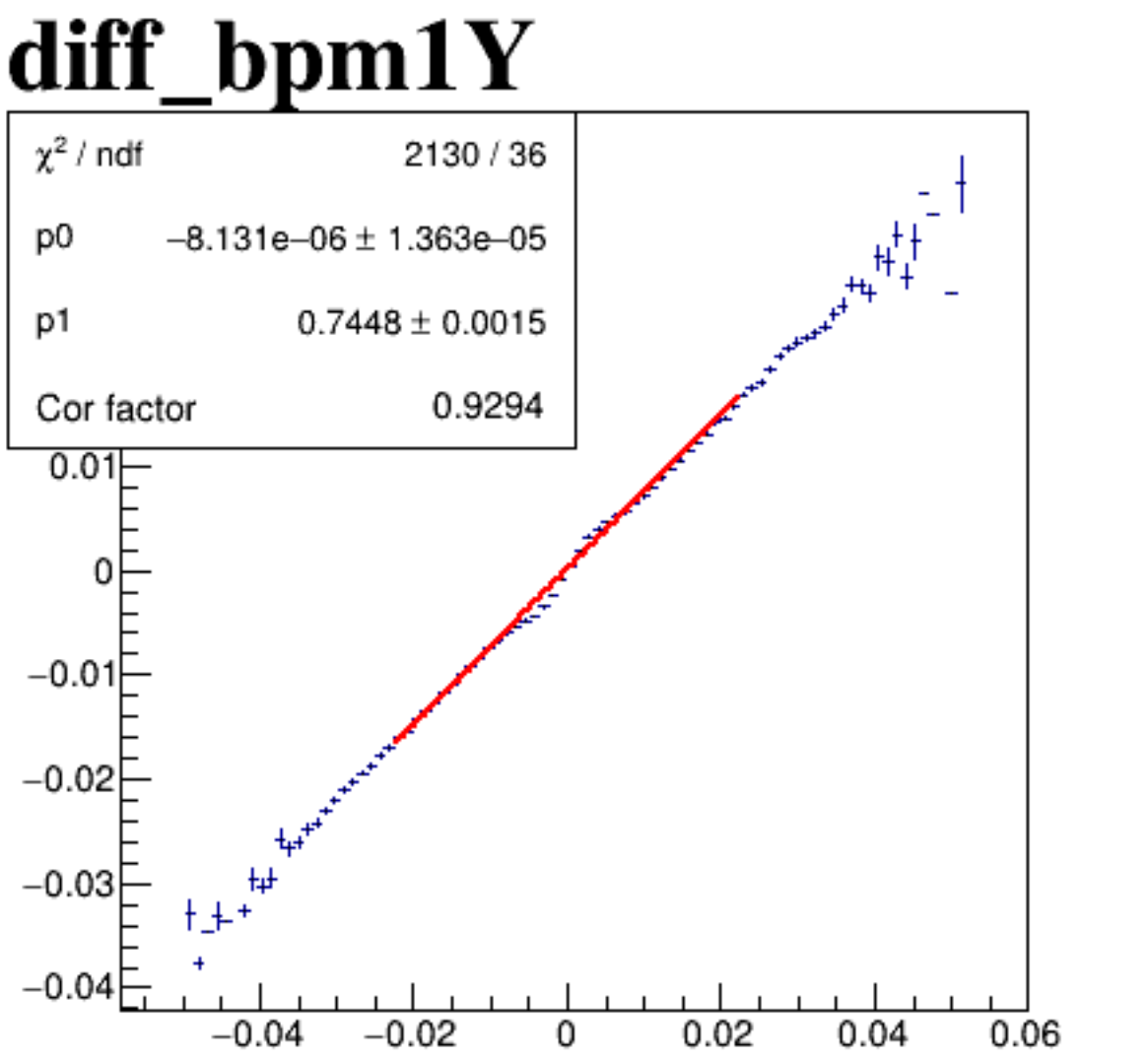
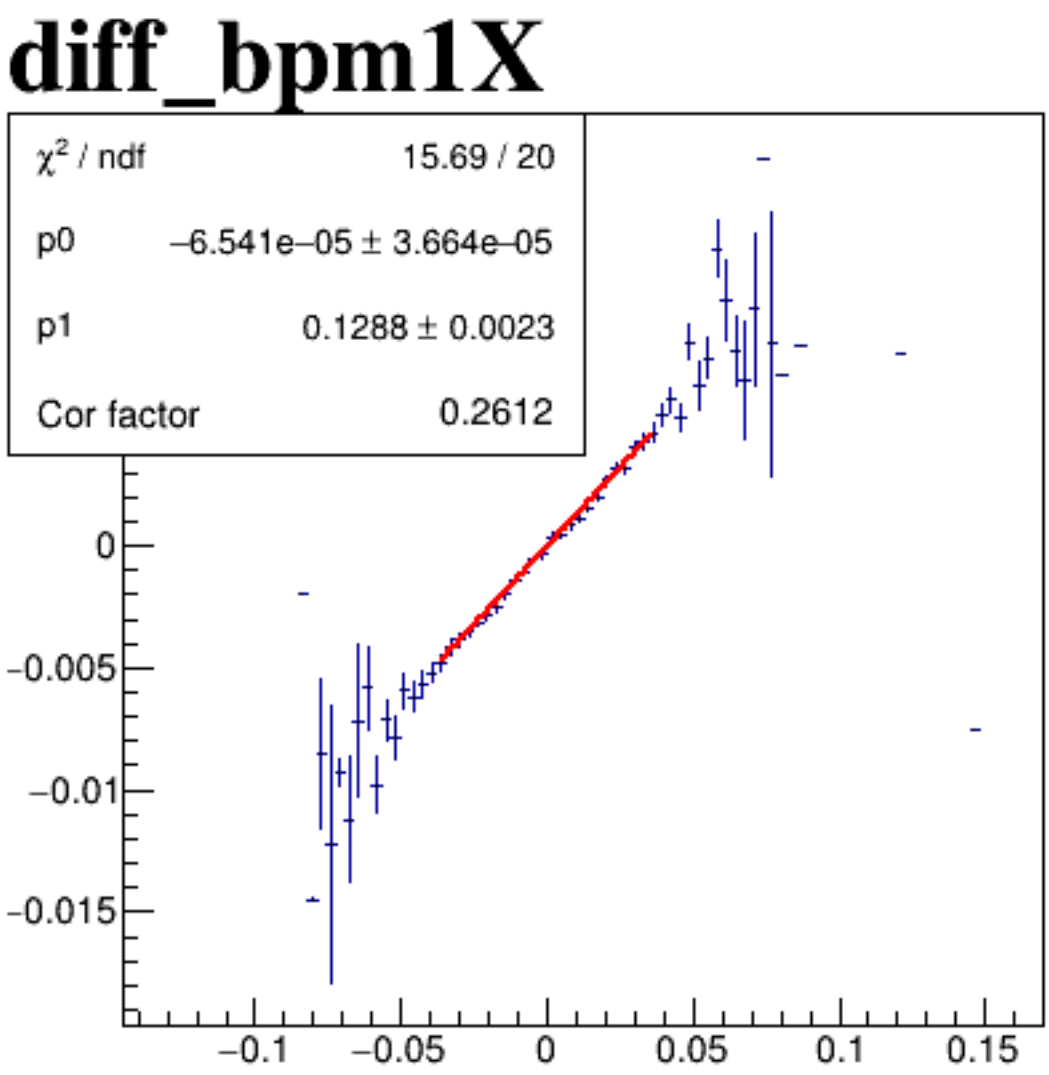
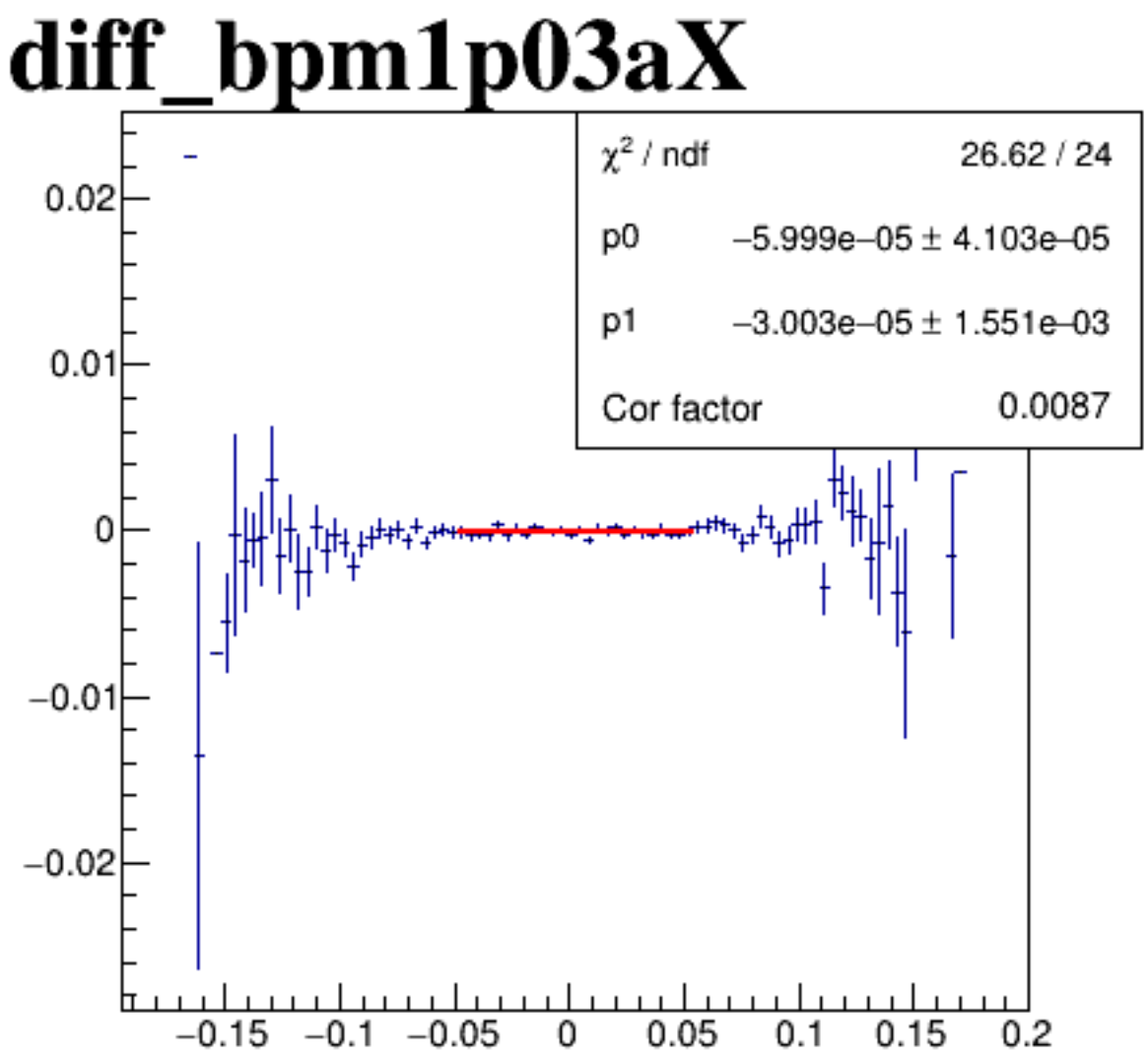
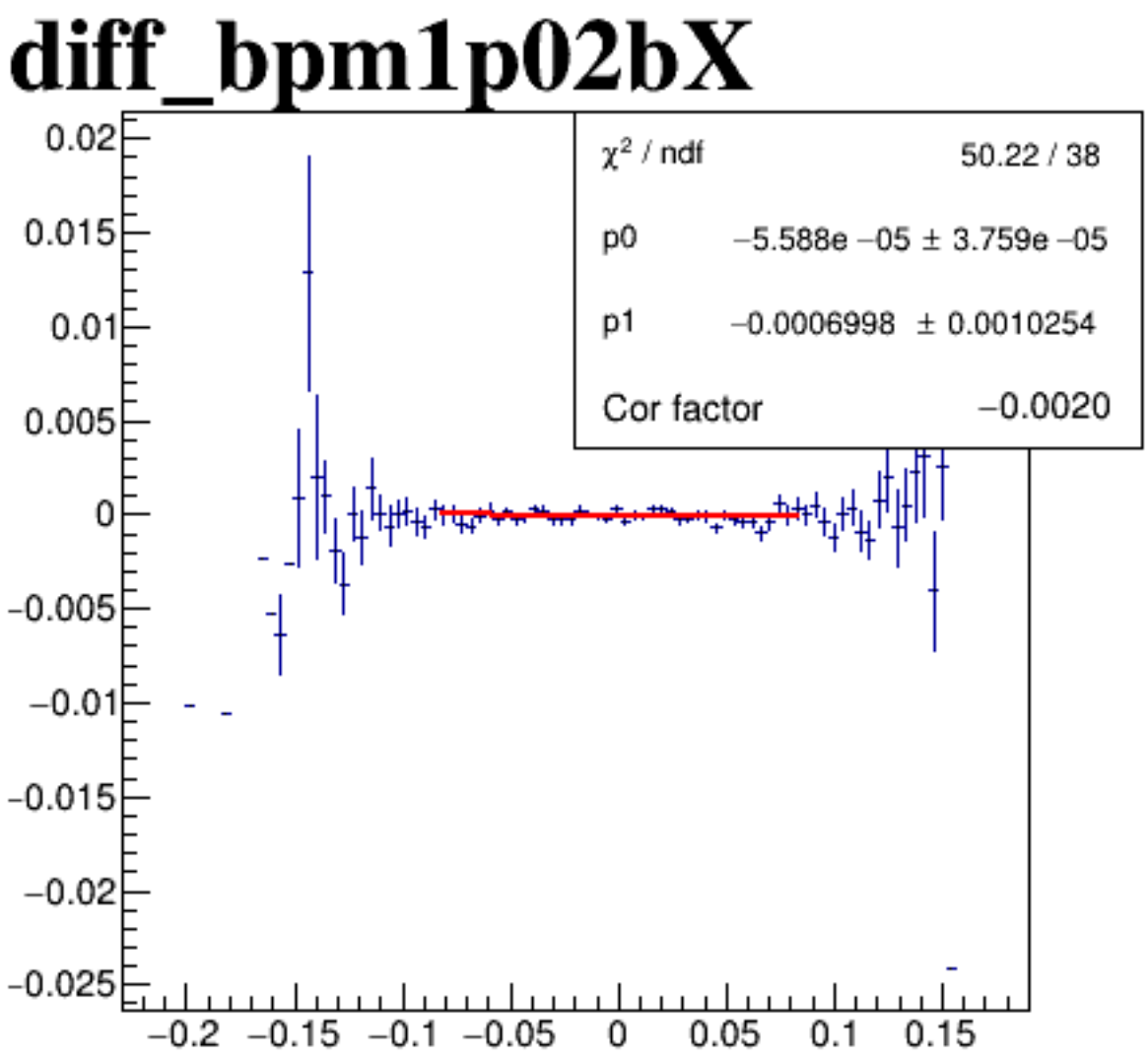
run5961_000_diff_bpm_mutual_correlation_scatter_default.png

[illegible]

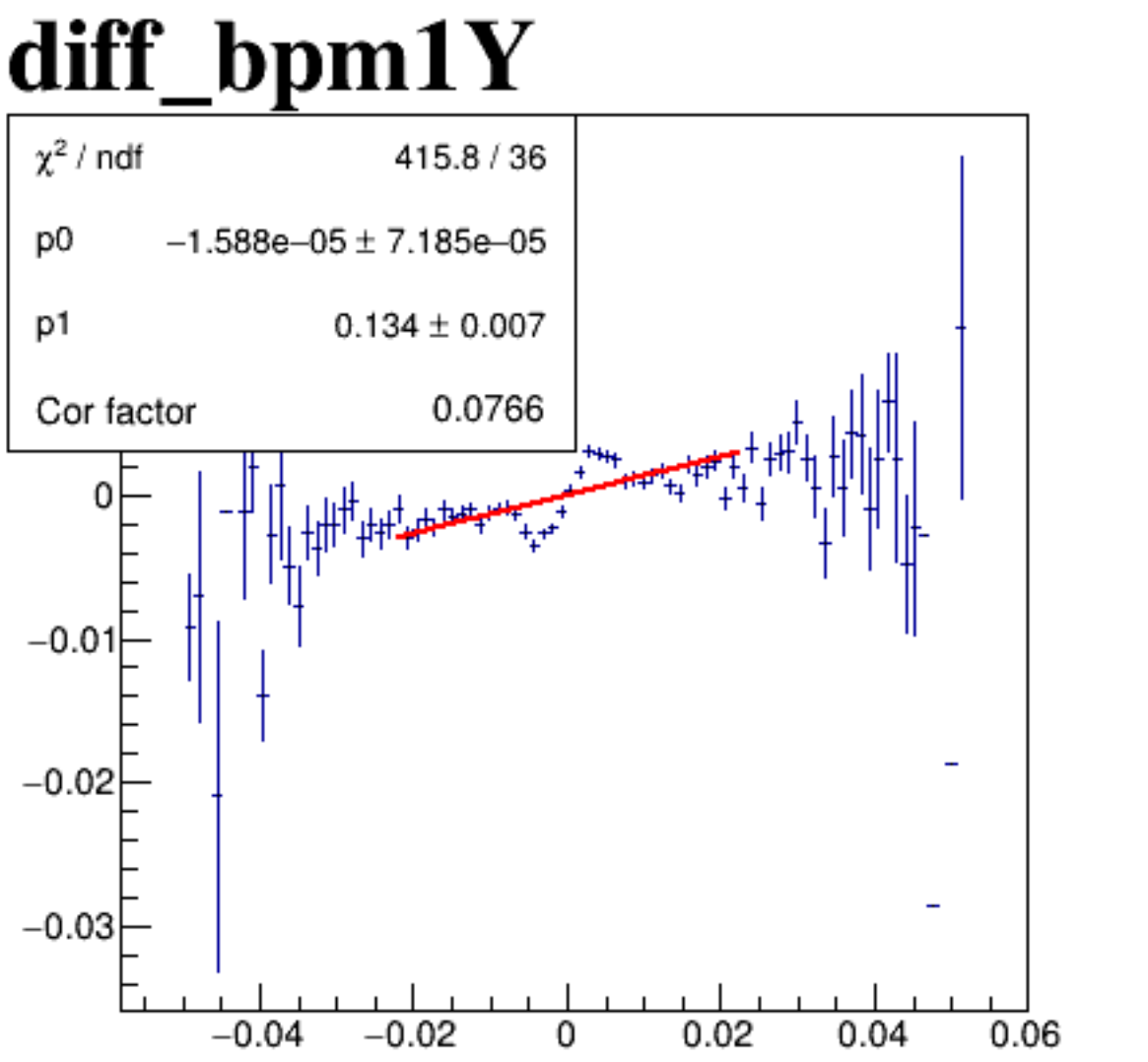
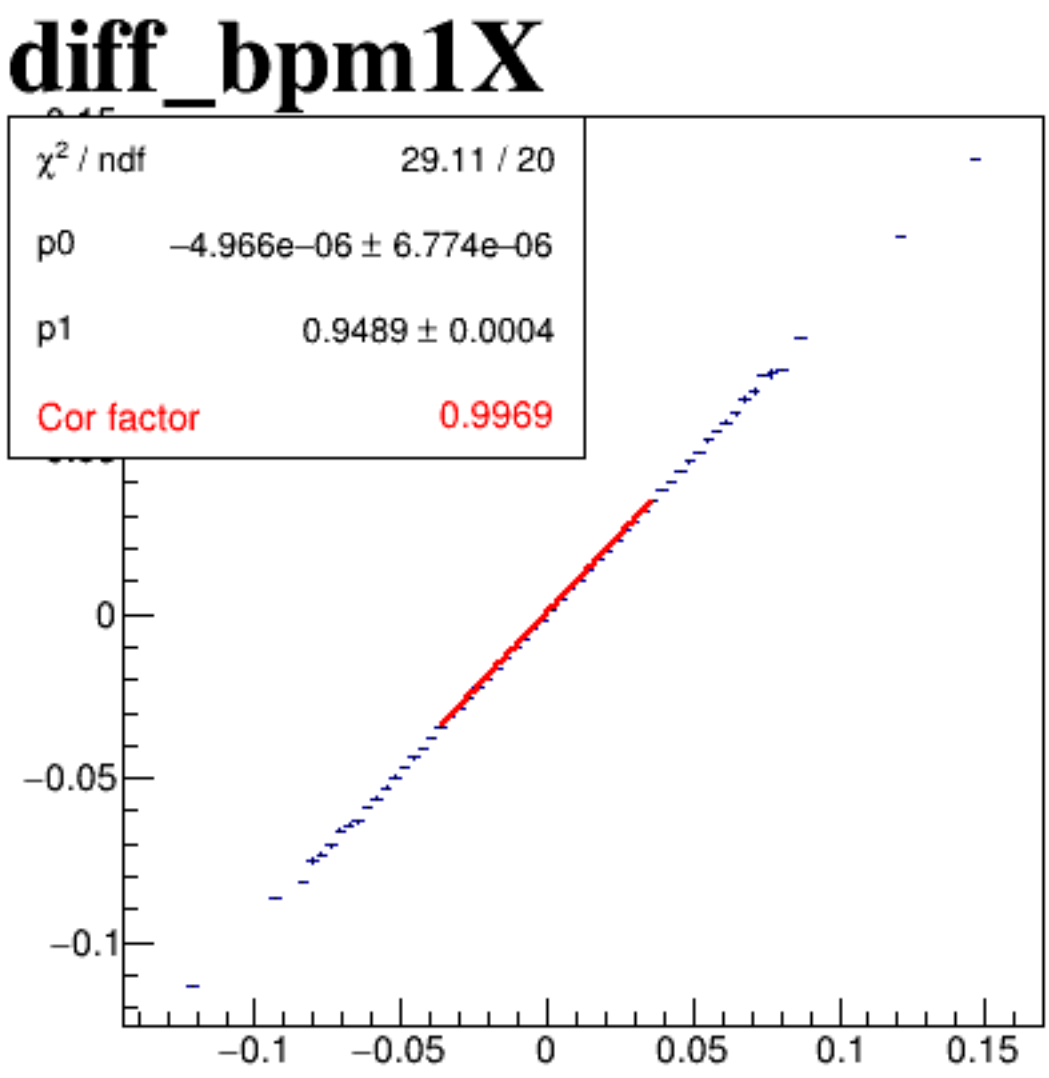
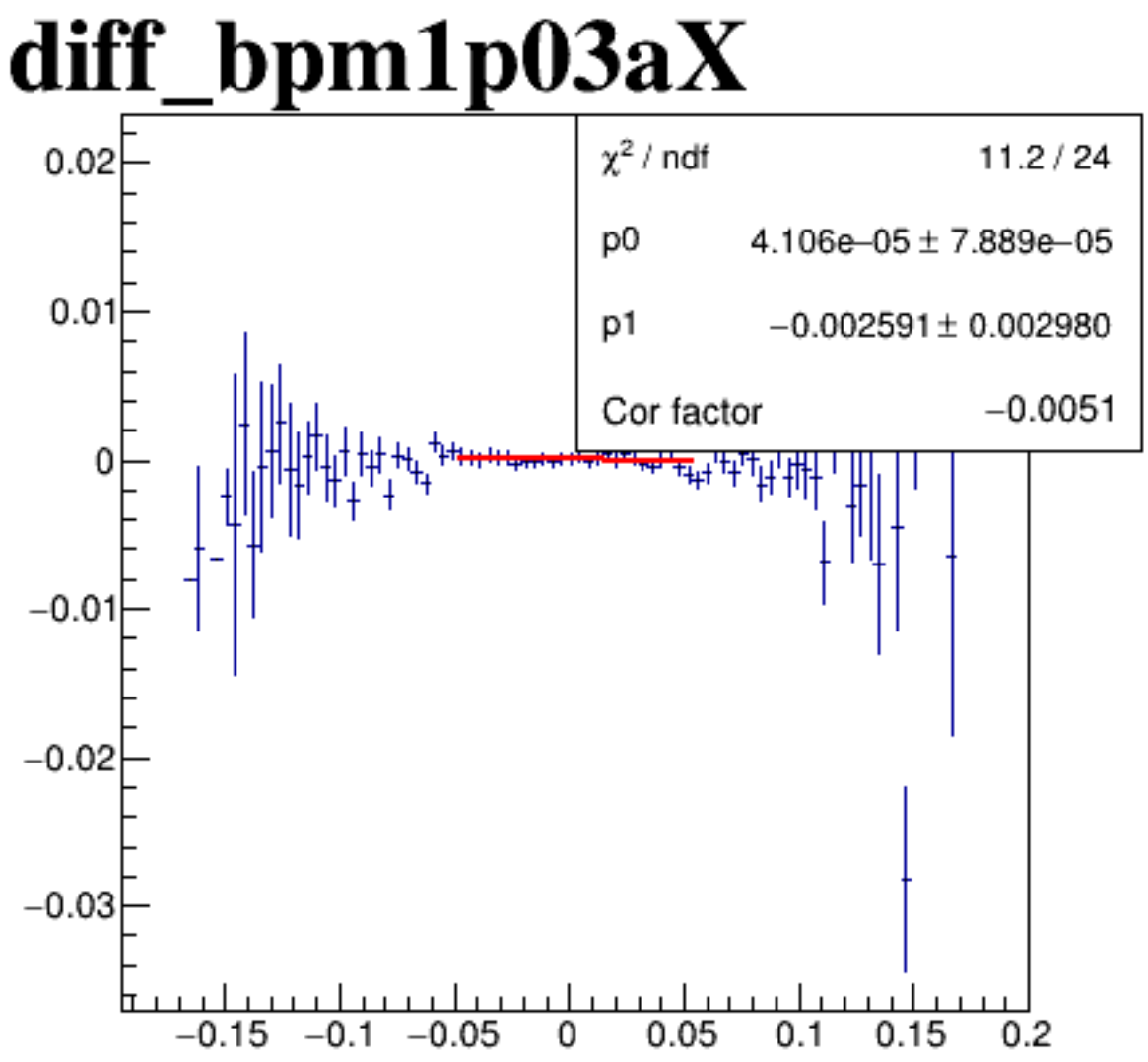
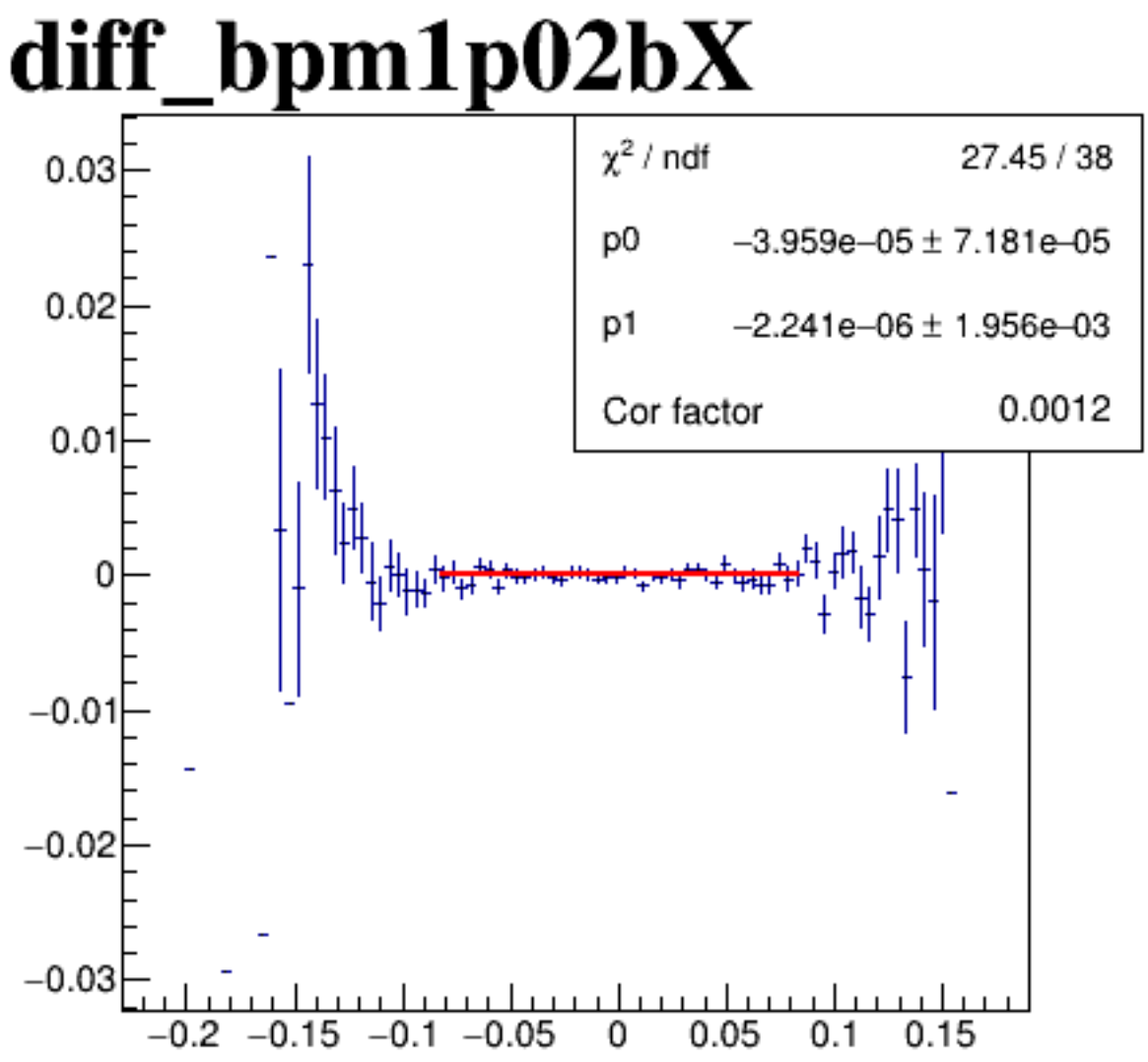
diff_bpm4aX



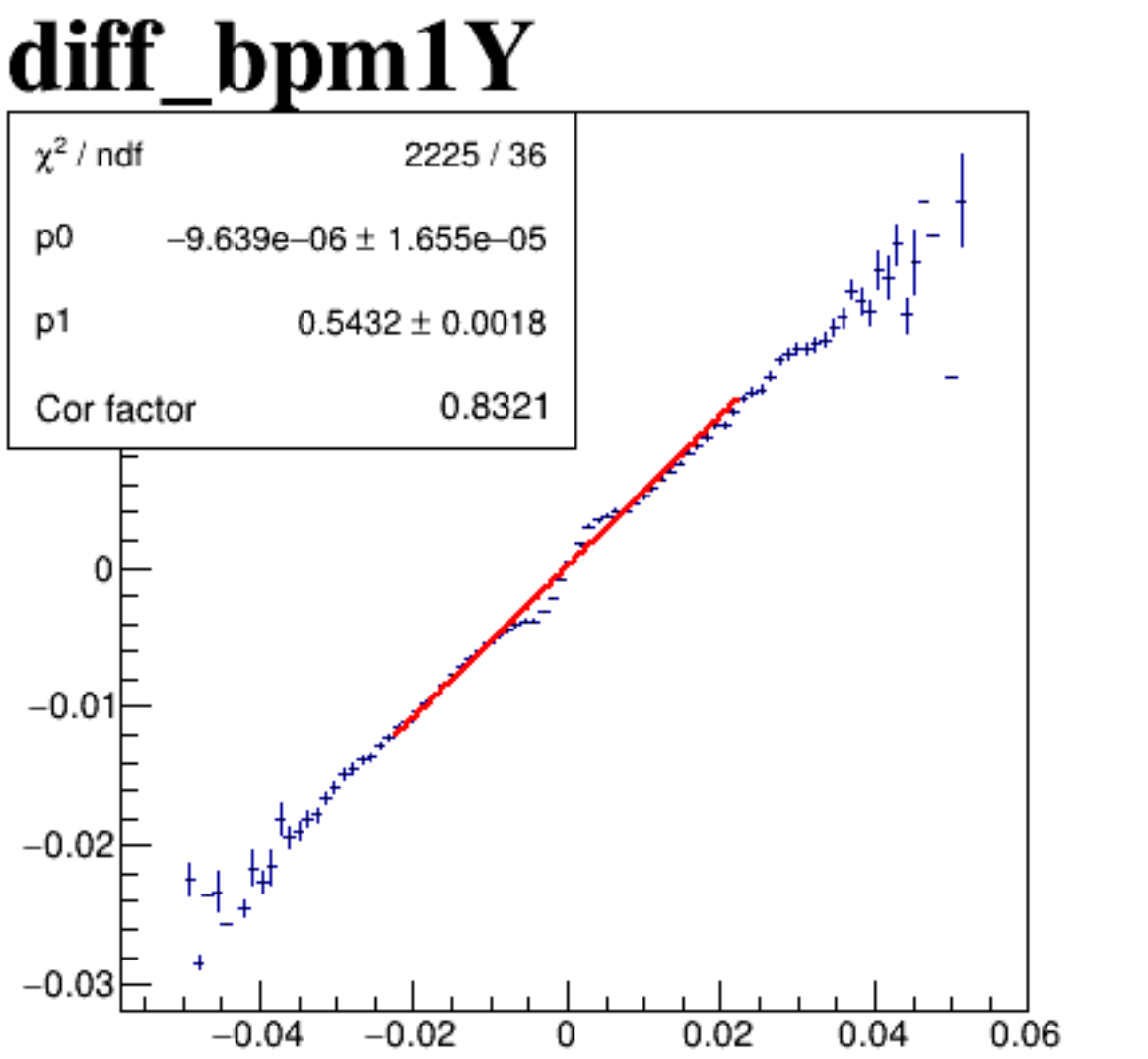
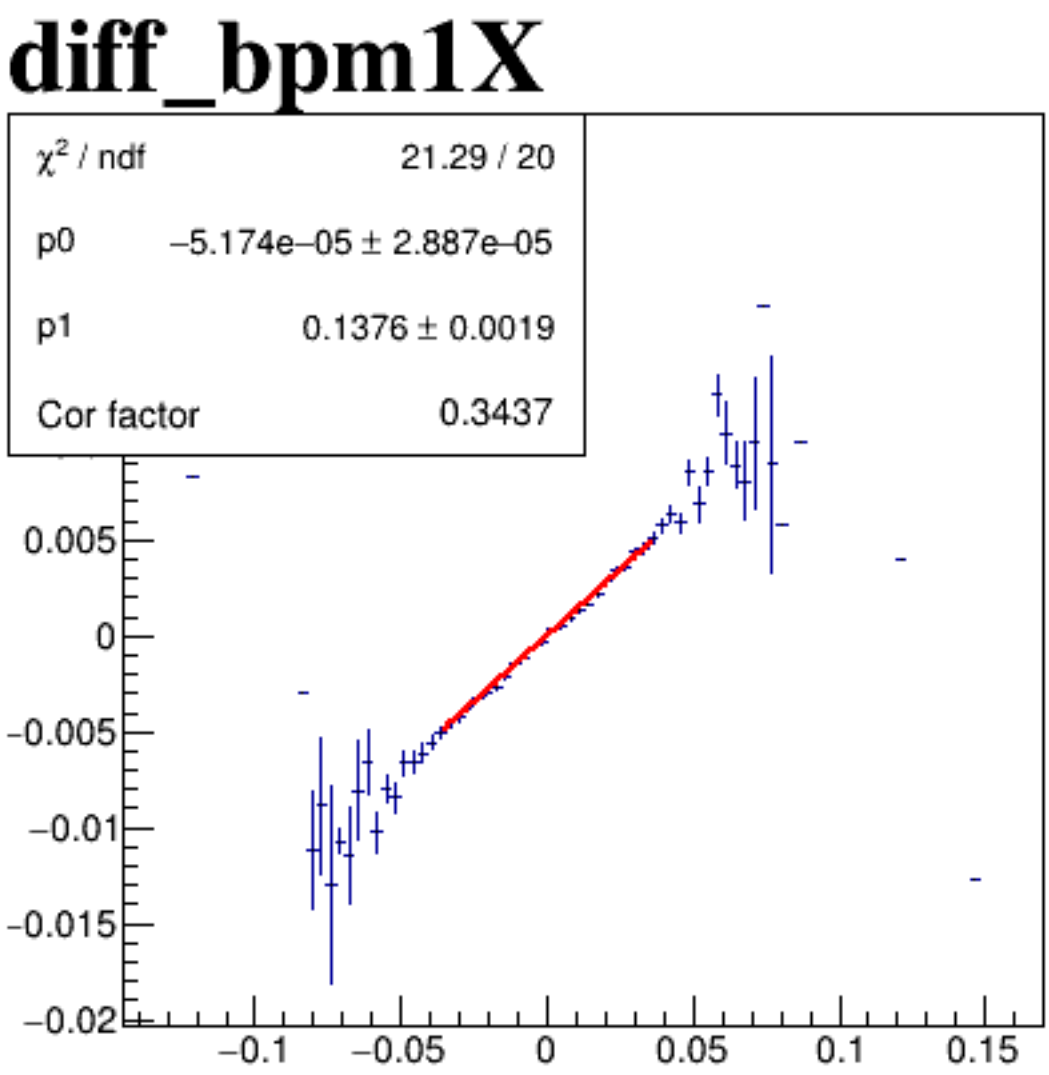
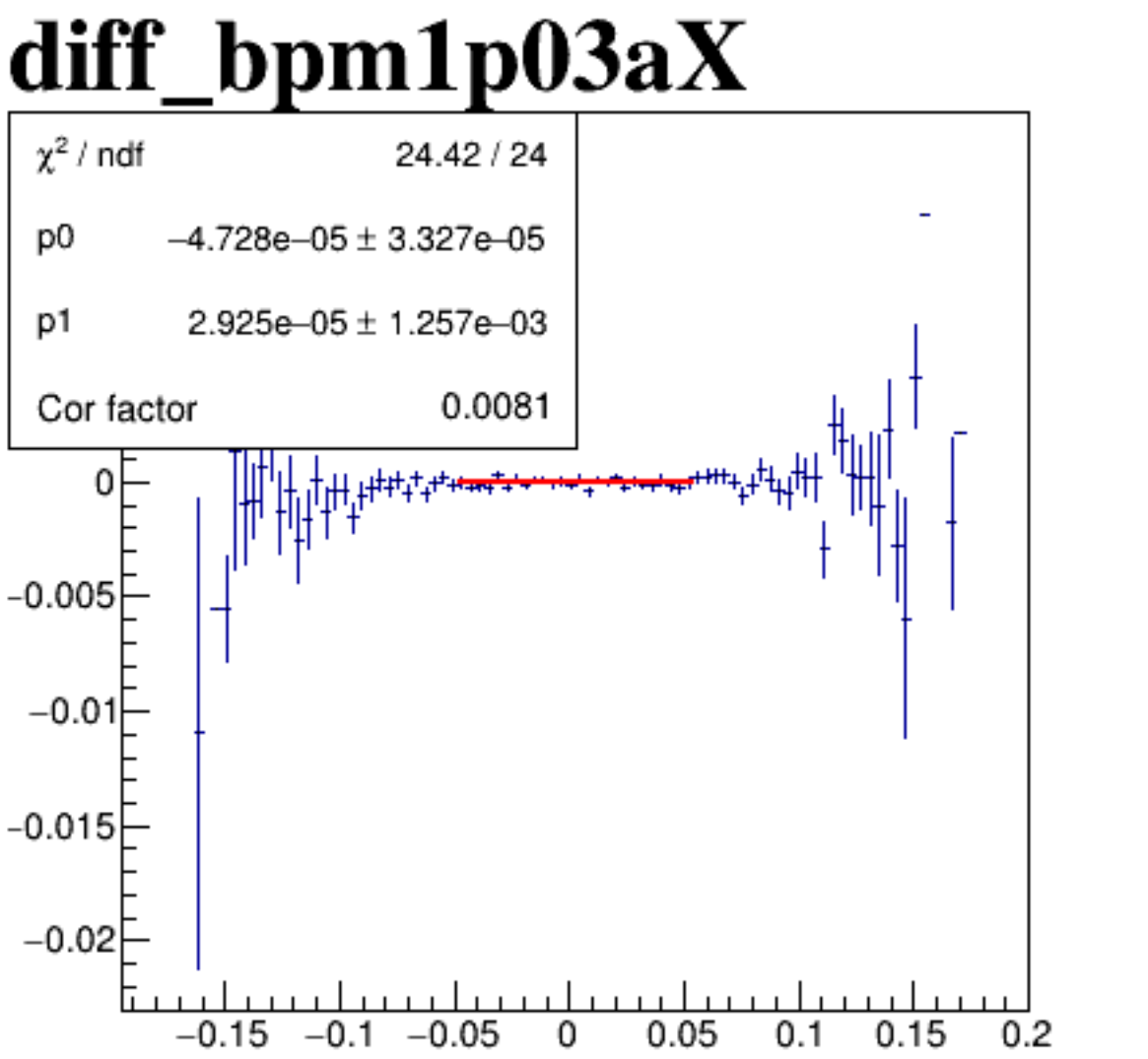
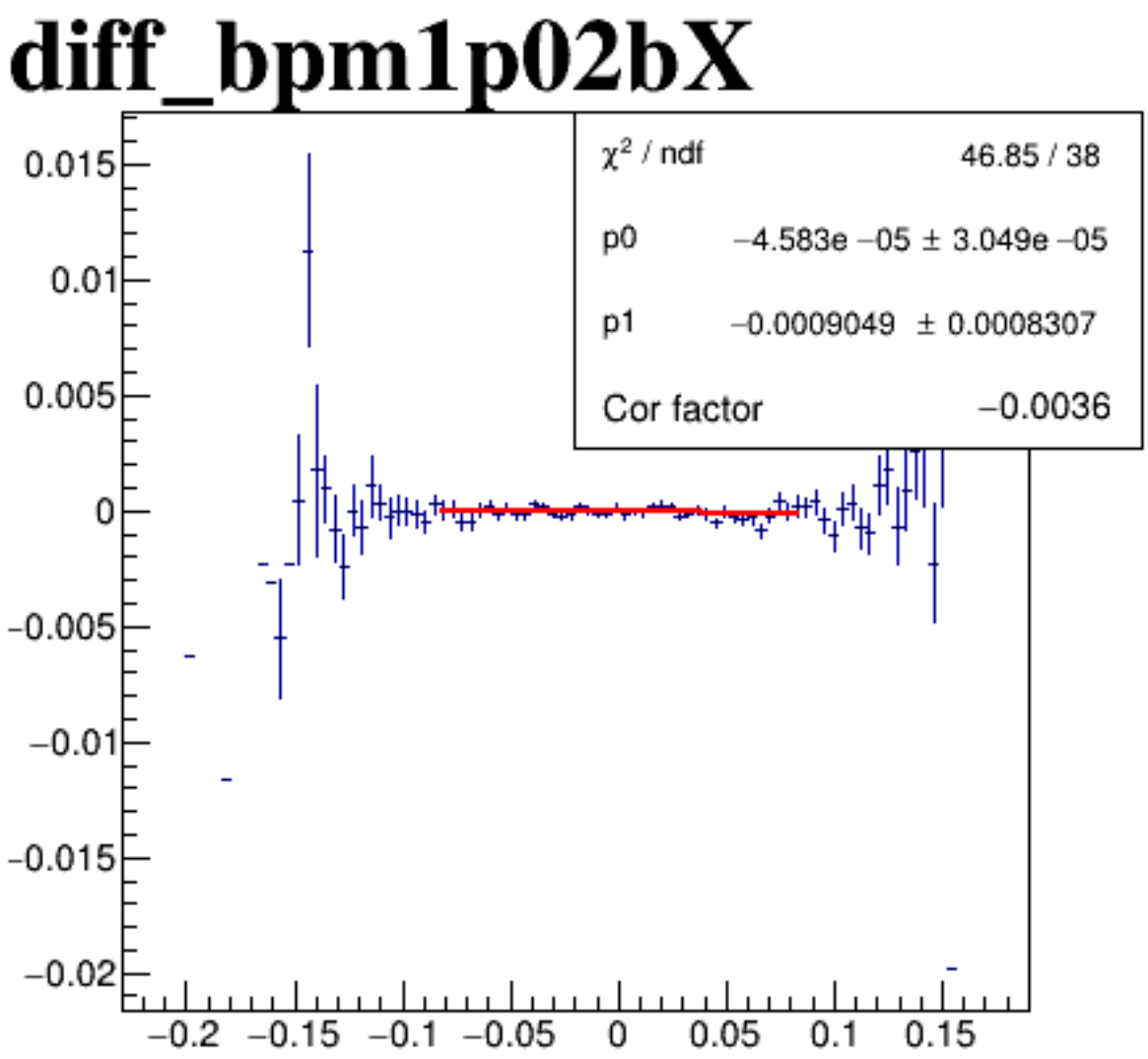
diff_bpm4aY



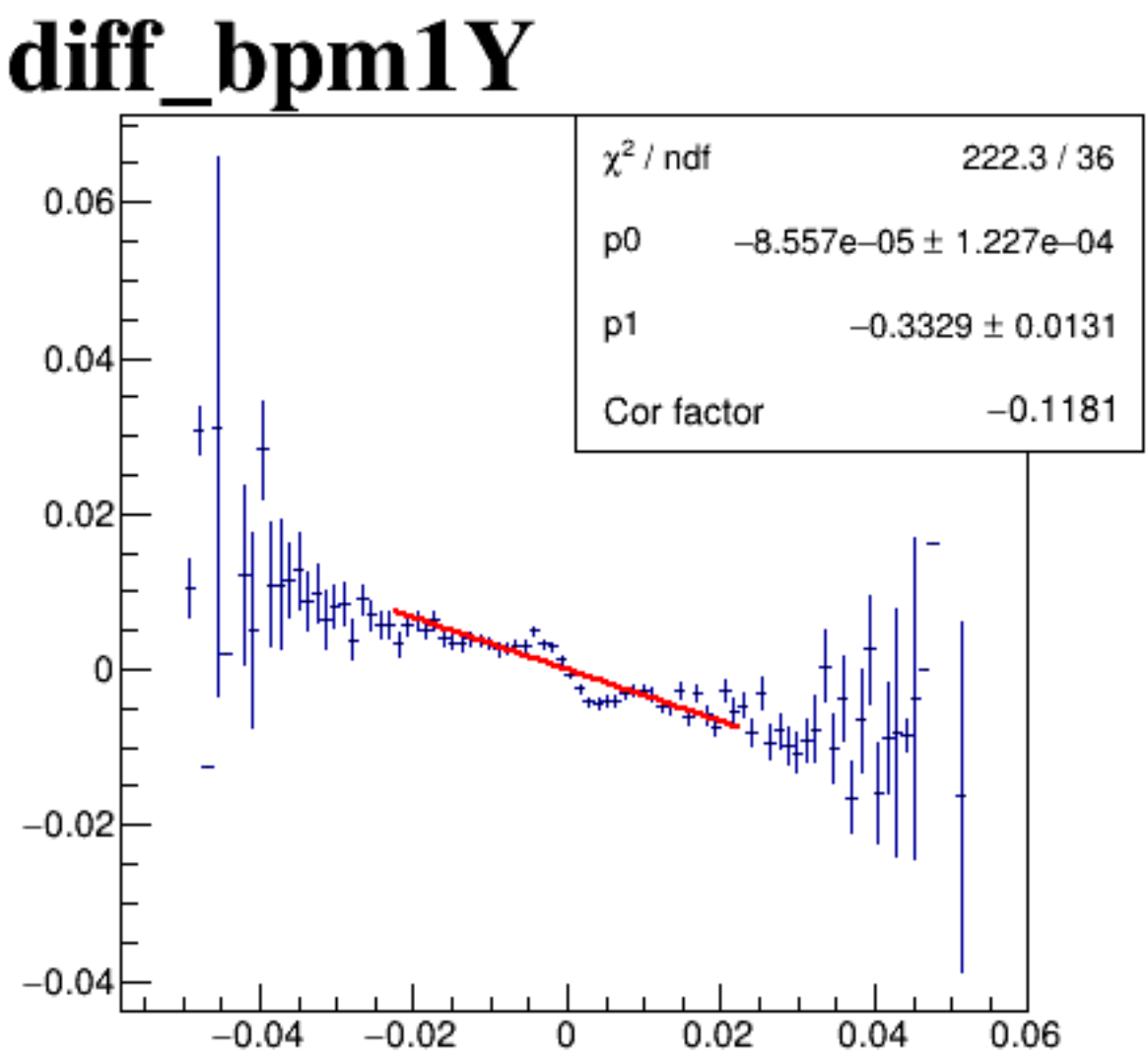
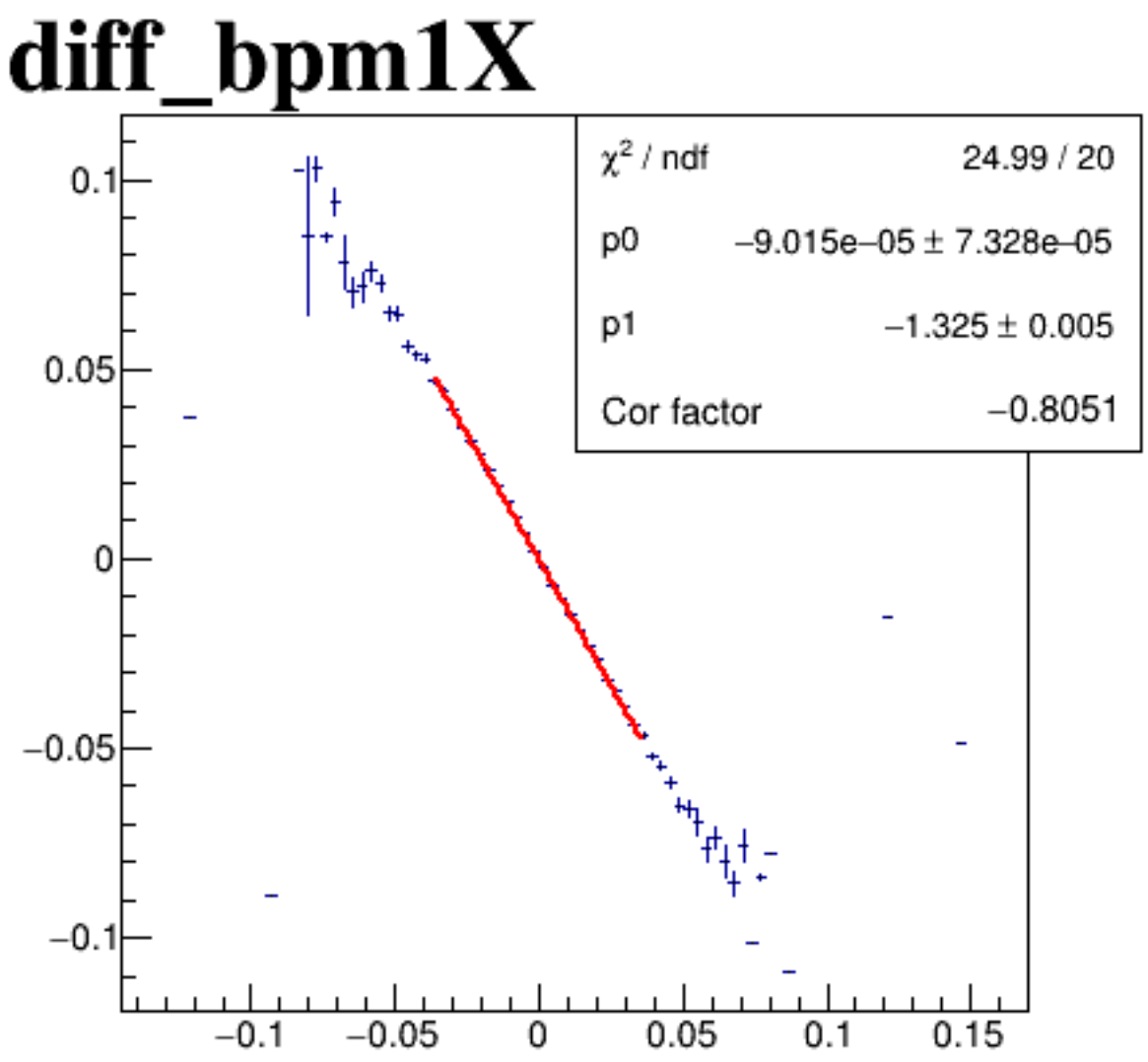
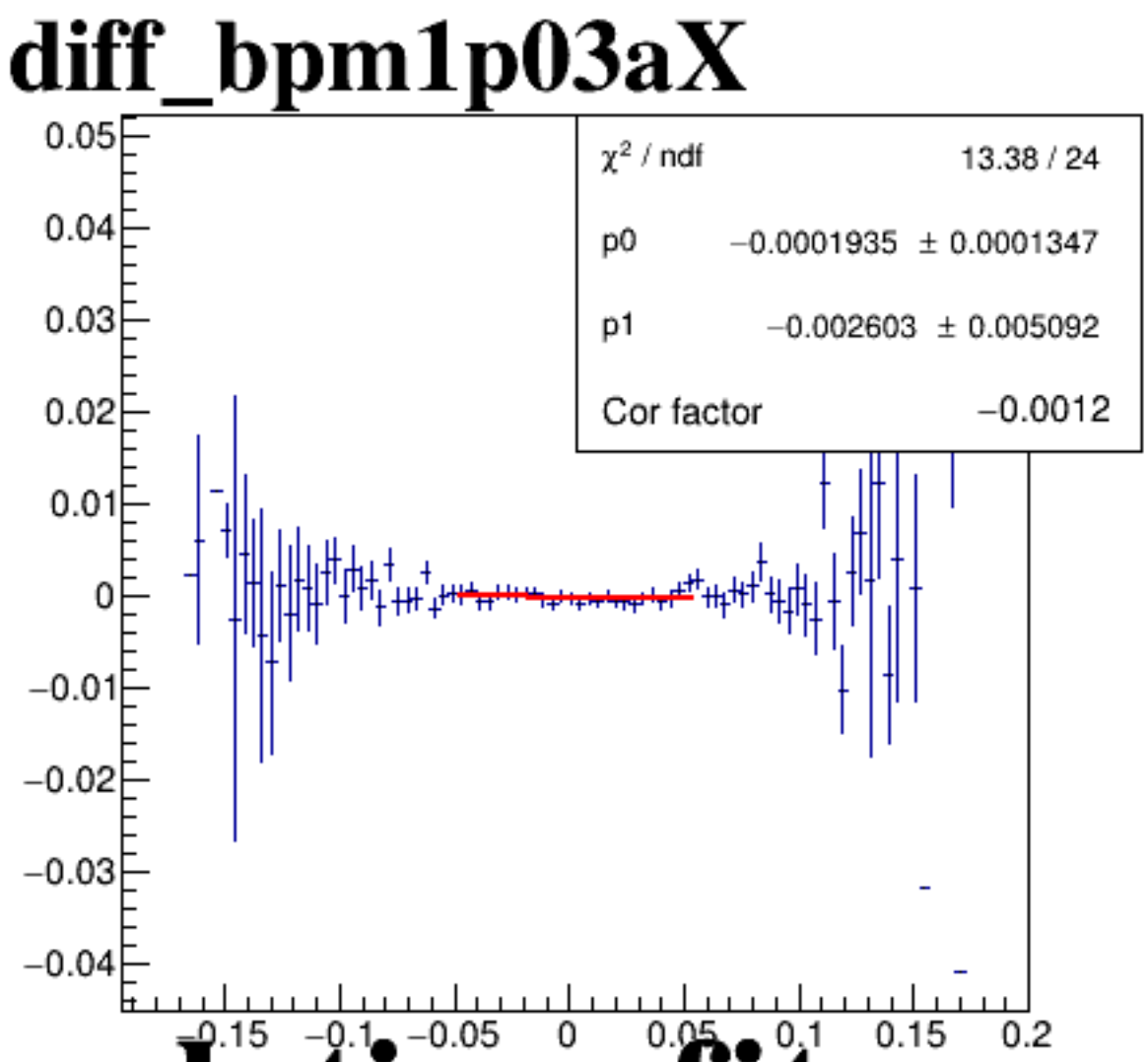
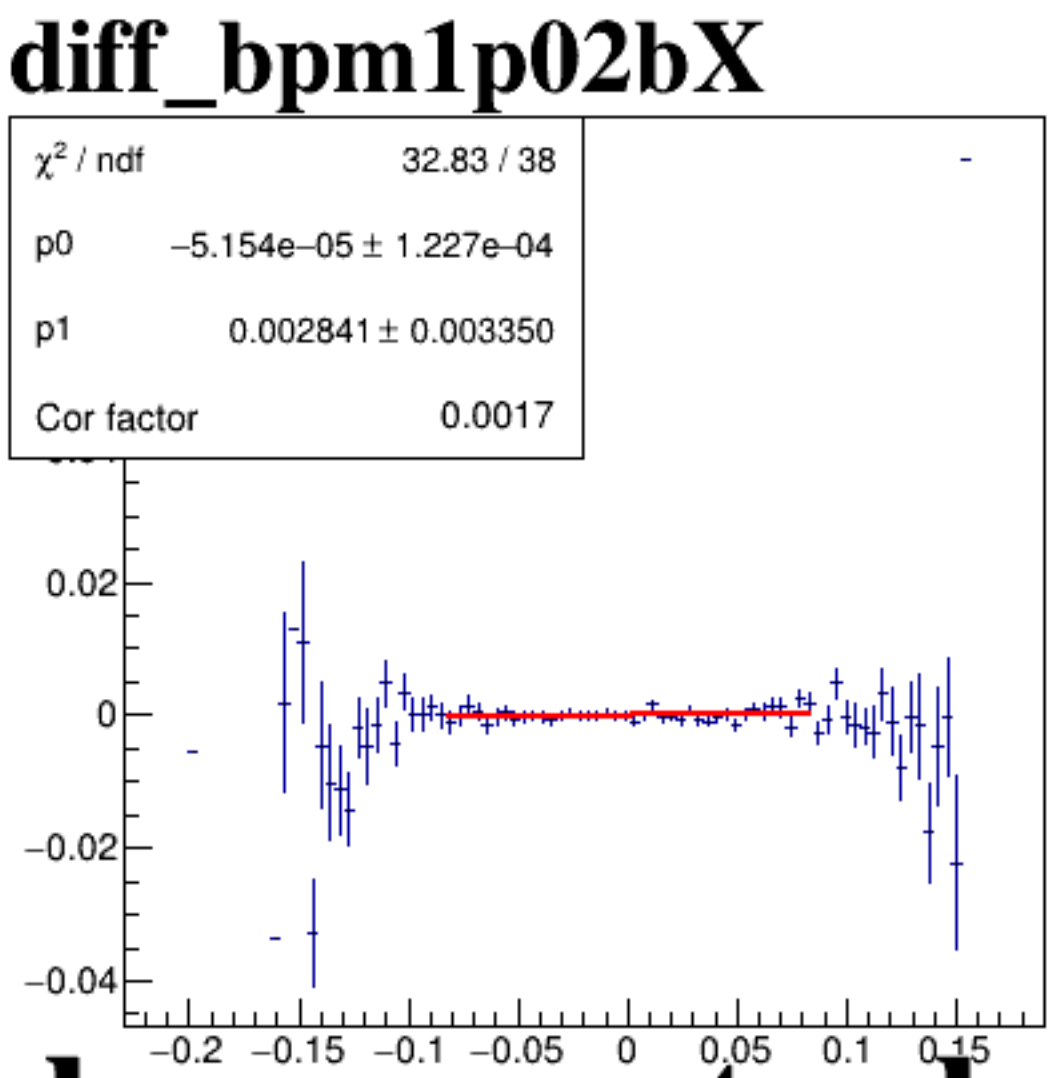
diff_bpm4eX



diff_bpm4eY



diff_bpm12X

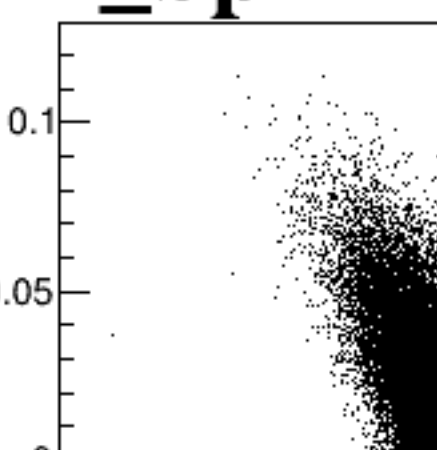


A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.05 to 0.06. The y-axis is labeled "diff_bpm1Y" and ranges from -0.15 to 0.15.

A scatter plot showing the relationship between `diff_bpm1X` (x-axis) and `diff_bpm1X` (y-axis). The plot displays a dense cloud of points centered around the origin (0,0), indicating a strong positive correlation. The axes range from approximately -0.1 to 0.15 on the x-axis and -0.04 to 0.05 on the y-axis.

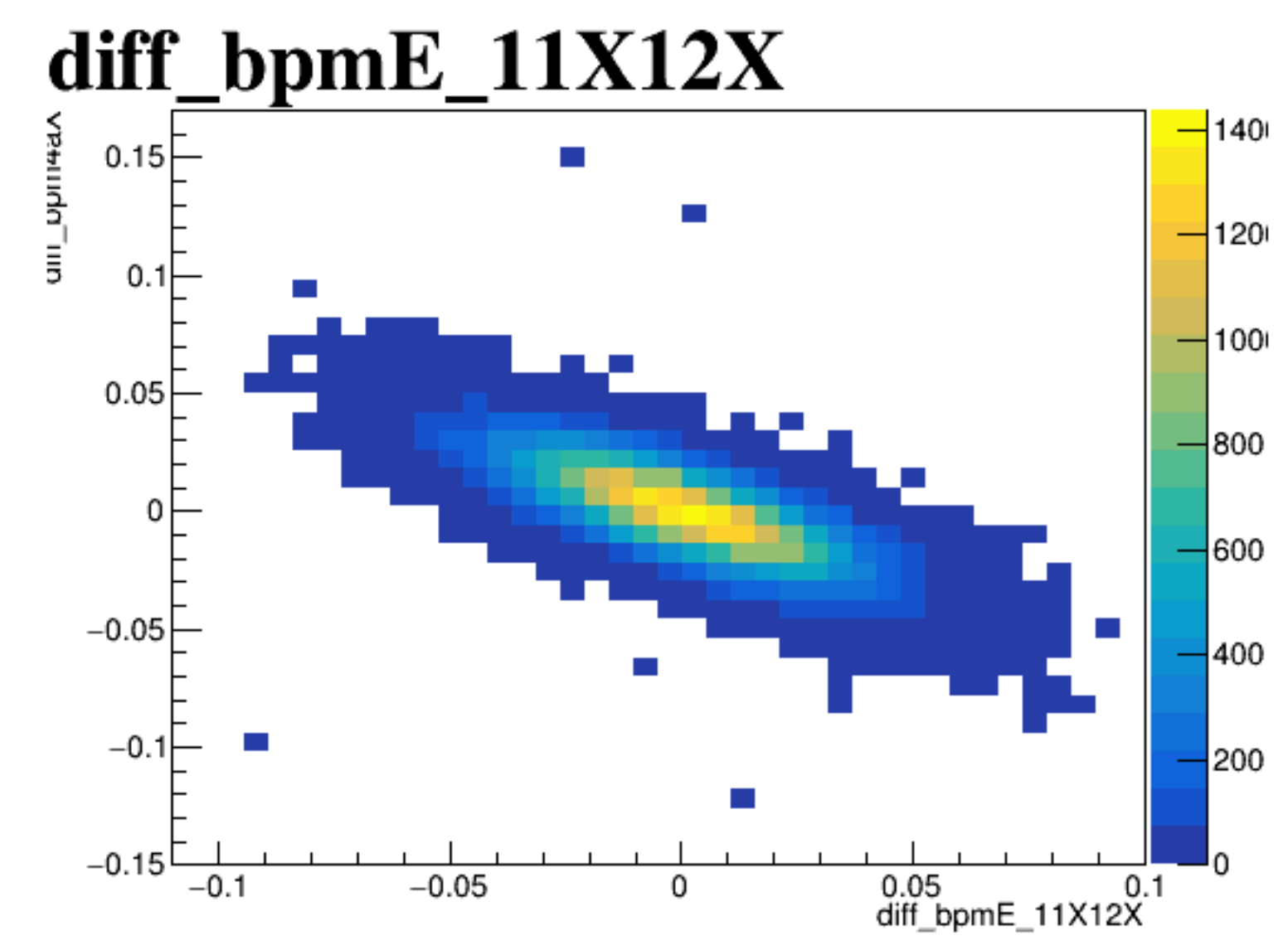
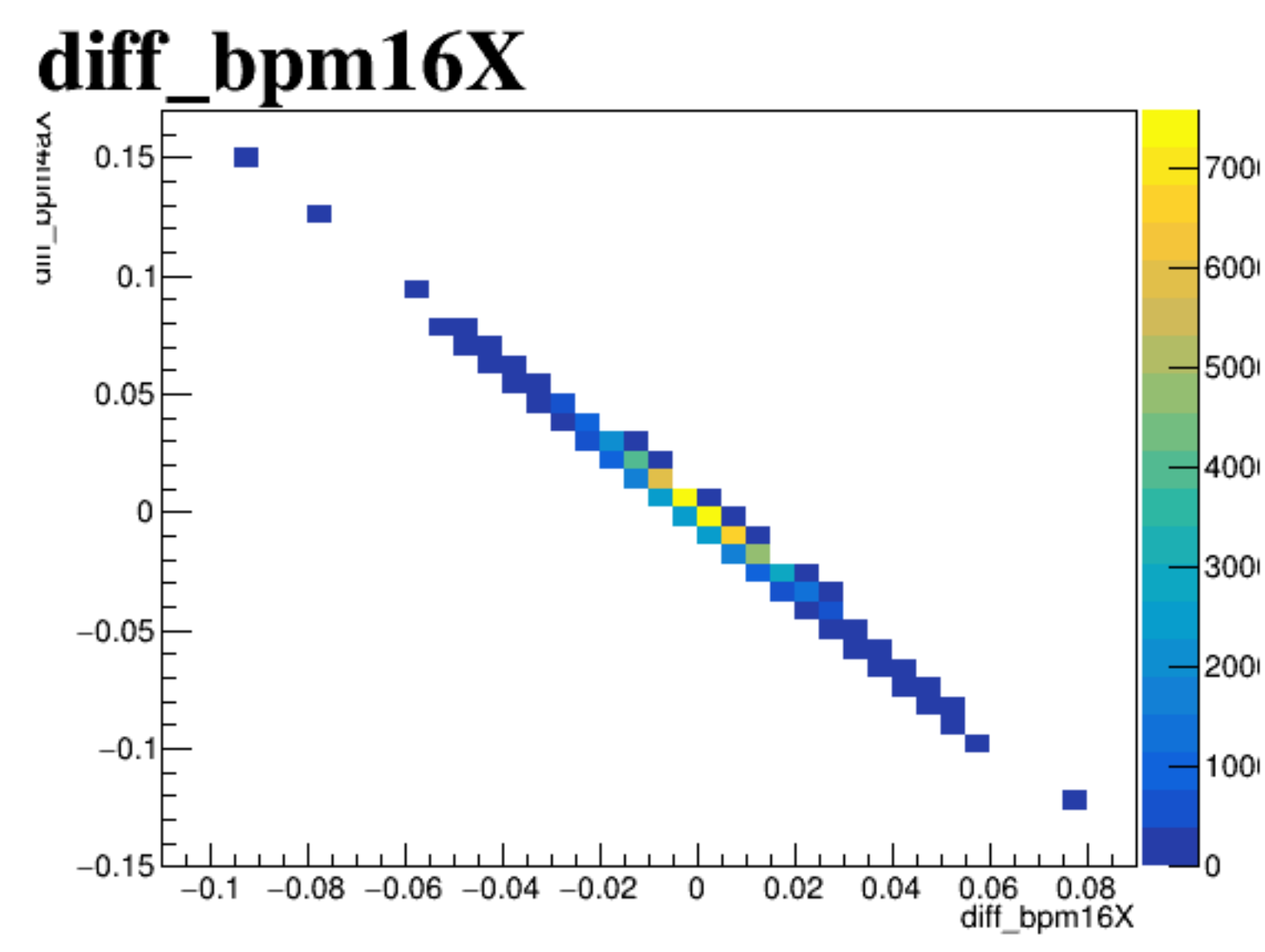
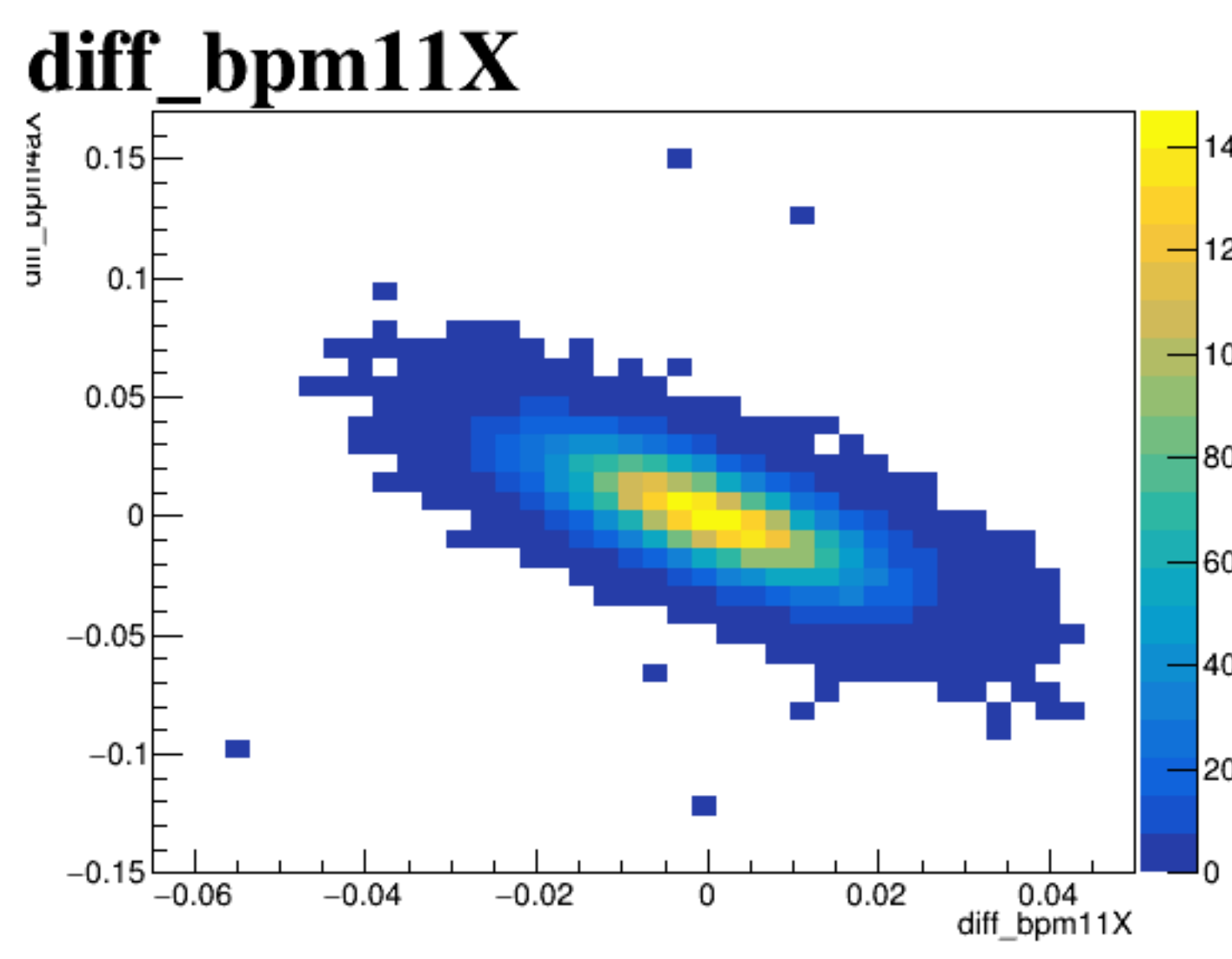
A scatter plot titled "diff_bpm1p03aX". The x-axis is labeled "diff_bpm1p03aX" and ranges from -0.15 to 0.2 with major ticks every 0.05. The y-axis ranges from -0.03 to 0.04 with major ticks every 0.01. The plot shows a dense, roughly circular cloud of points centered at approximately (-0.02, 0.005). The points are most concentrated in the center and become sparser towards the edges of the distribution.

A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The plot displays a dense, elliptical cloud of points centered around the origin (0,0). The x-axis ranges from approximately -0.15 to 0.15, and the y-axis ranges from approximately -0.035 to 0.04. The points are most concentrated in the center, forming a dark, dense core that tapers off towards the edges of the plot area.

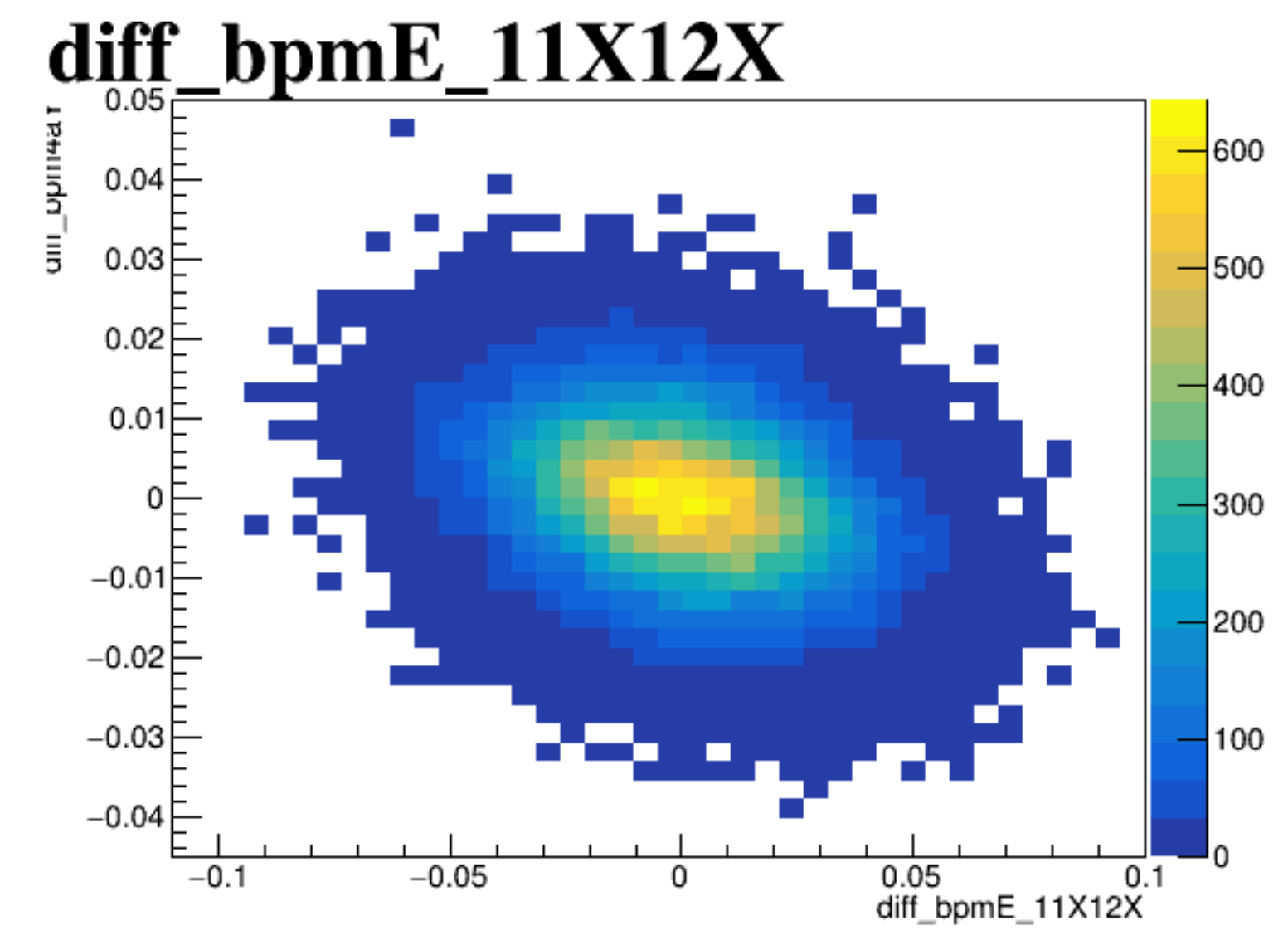
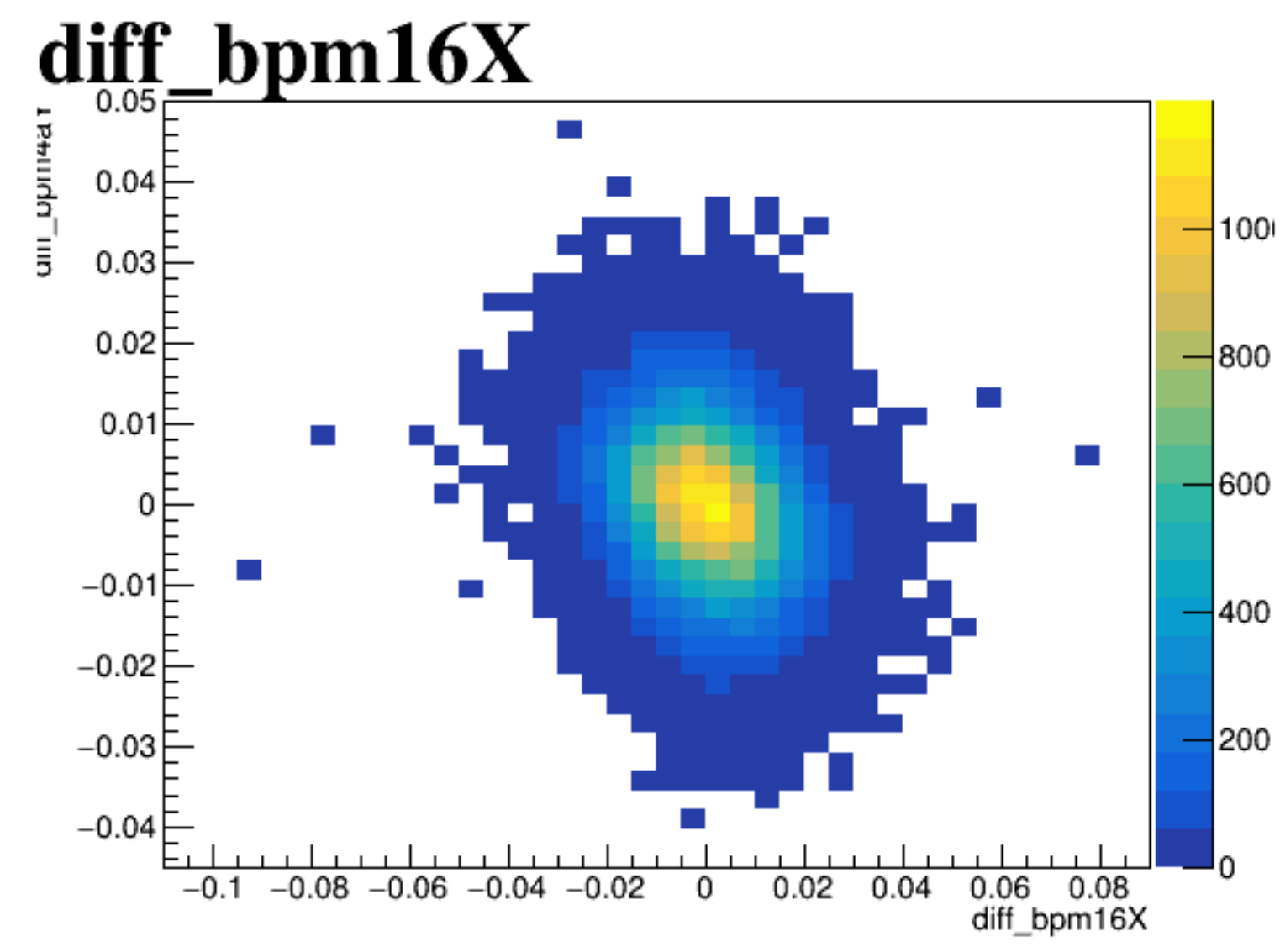
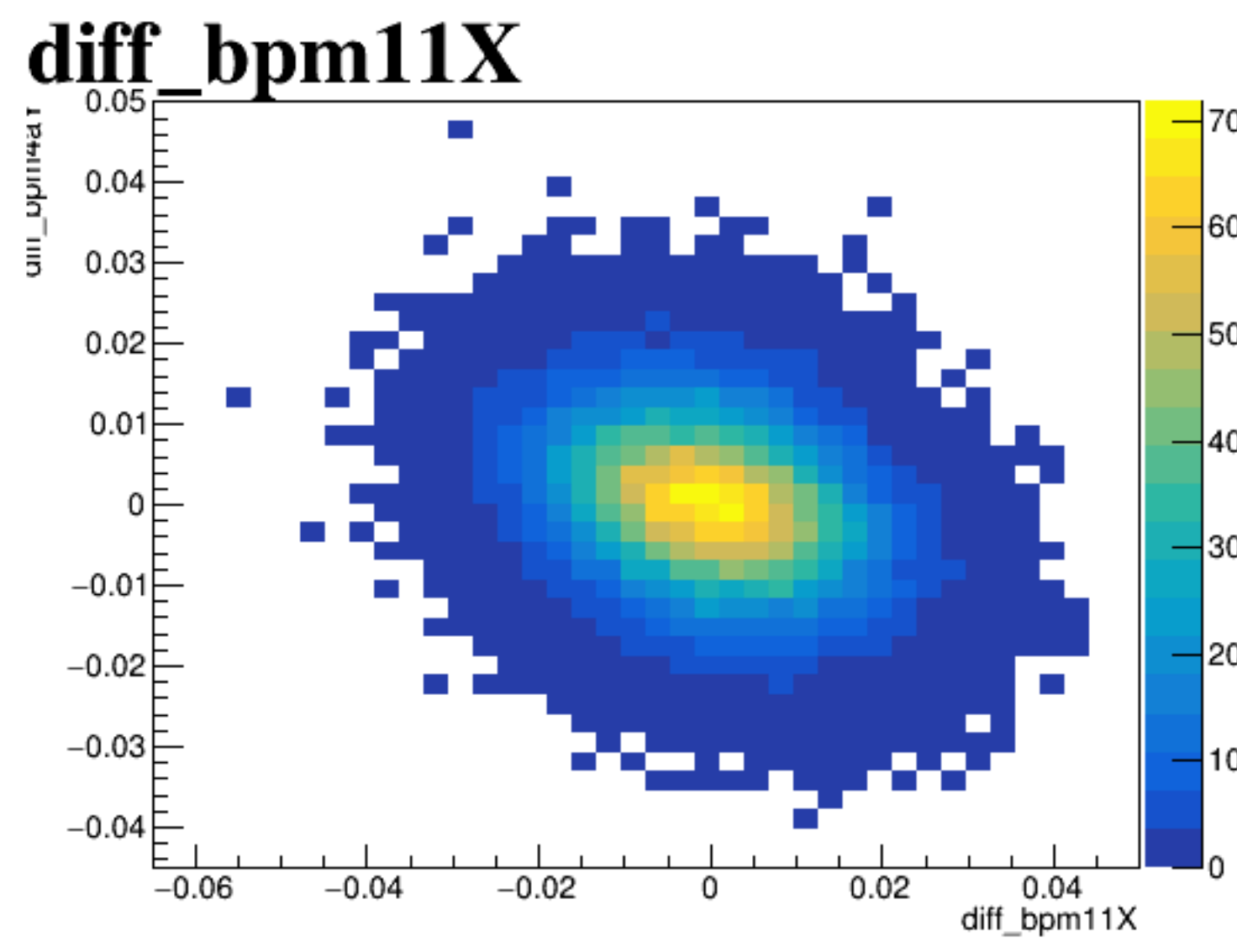


A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1X'. The x-axis and y-axis both range from -0.1 to 0.15, with major ticks at -0.1, -0.05, 0, 0.05, and 0.1. The plot contains a dense cloud of black points, forming an elongated, elliptical shape centered around (0,0), indicating a strong positive correlation between the two variables.

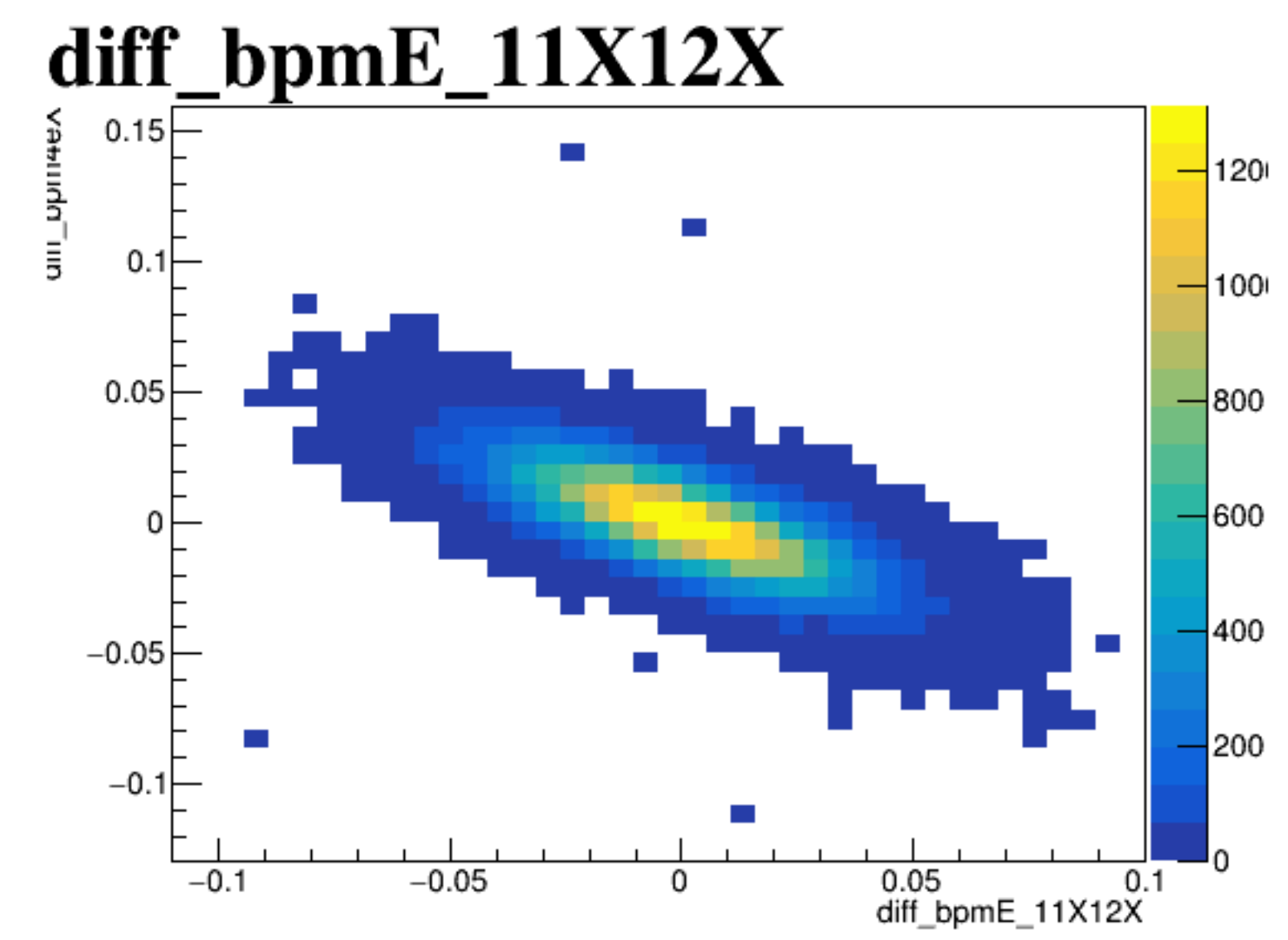
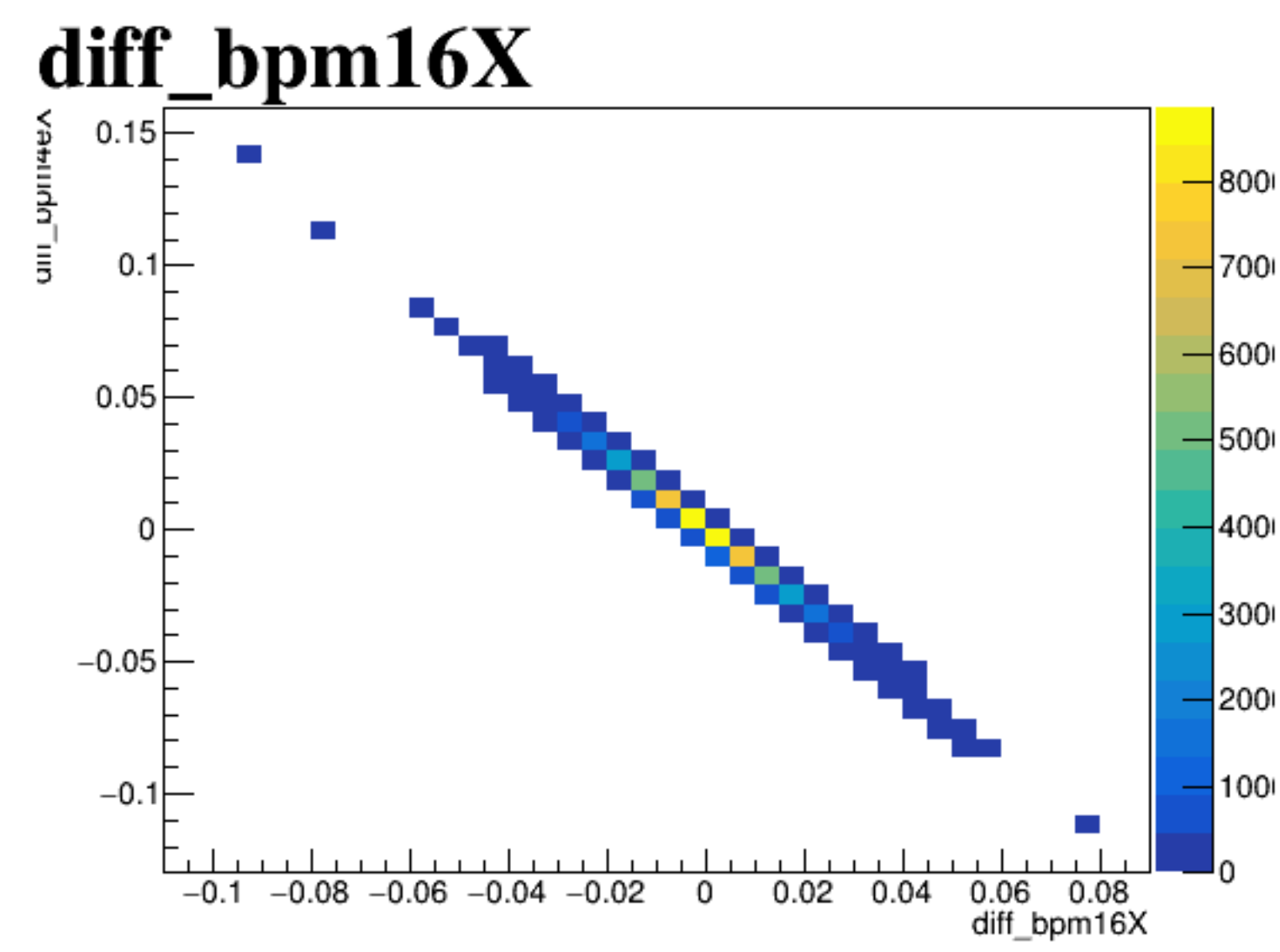
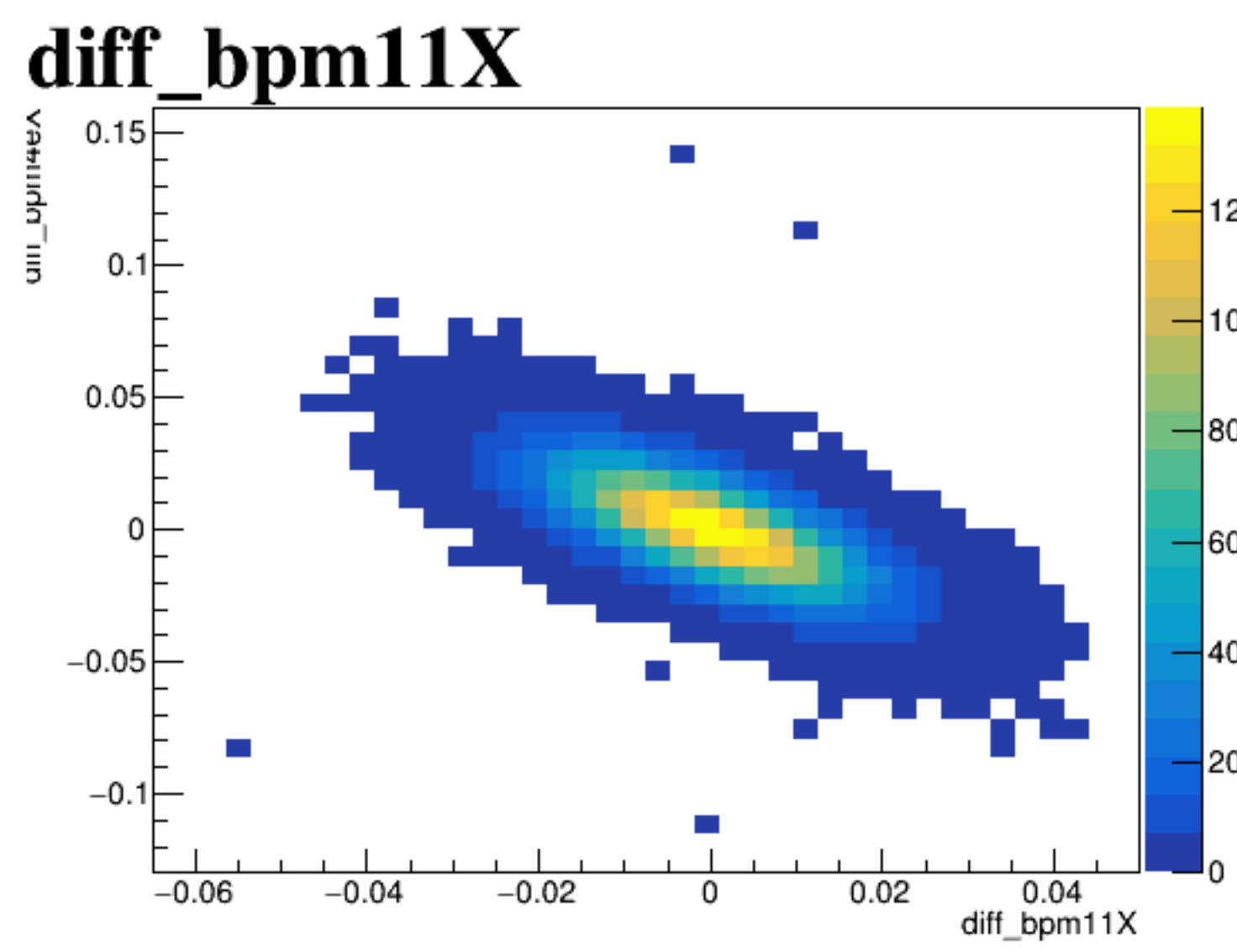
A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered at (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.04 to 0.06. The y-axis ranges from -0.1 to 0.1.

diff_bpm4aX

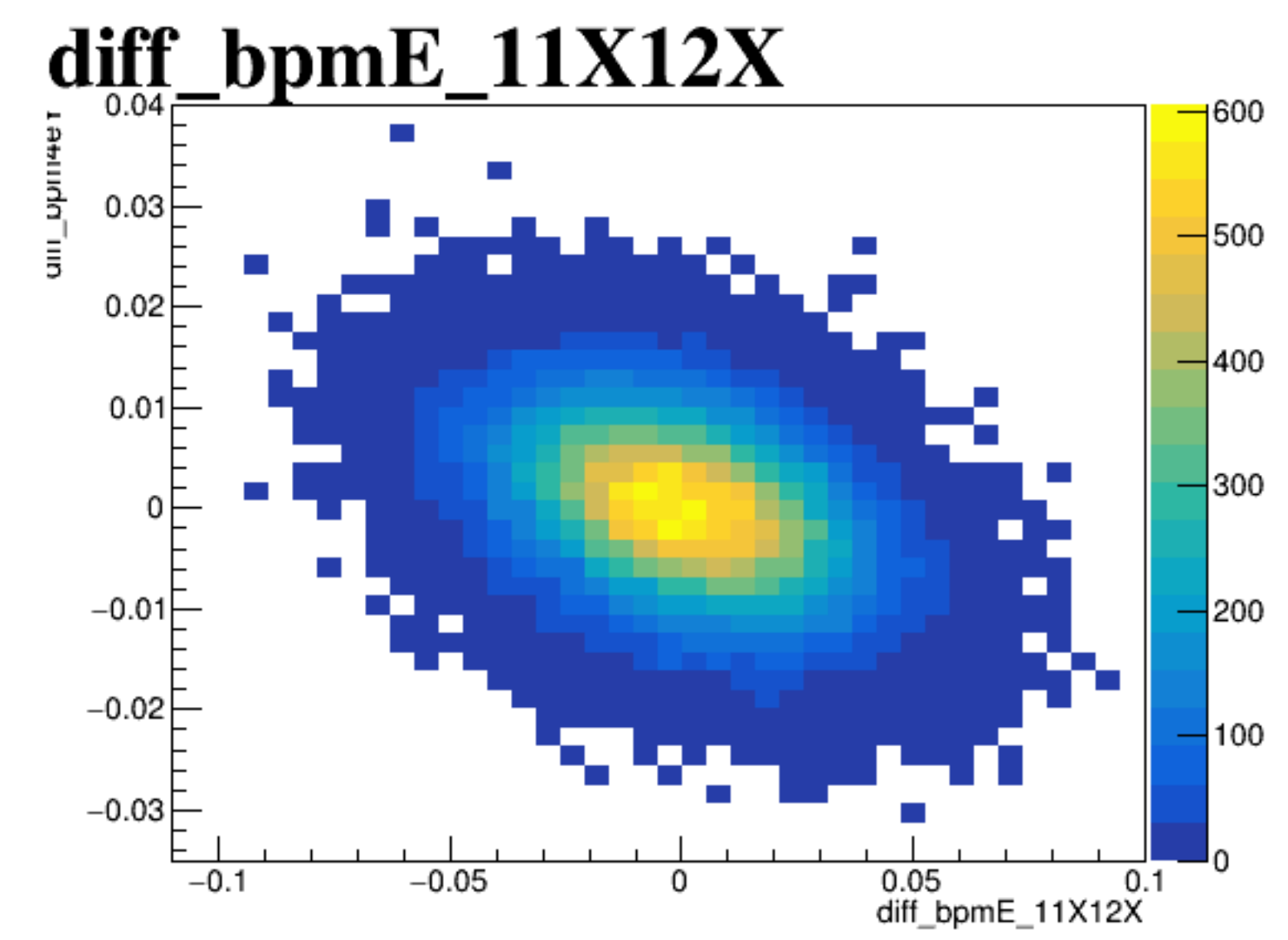
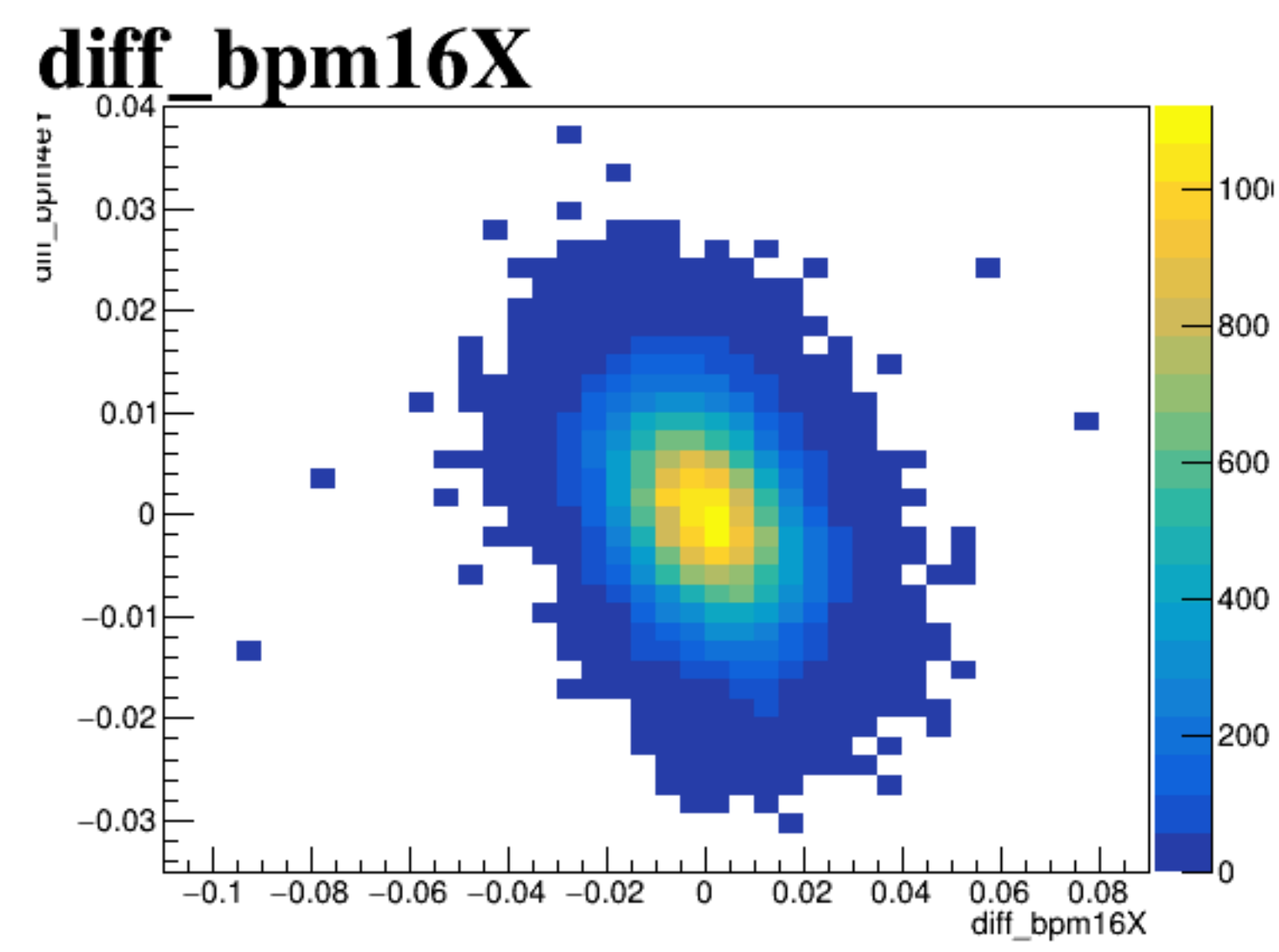
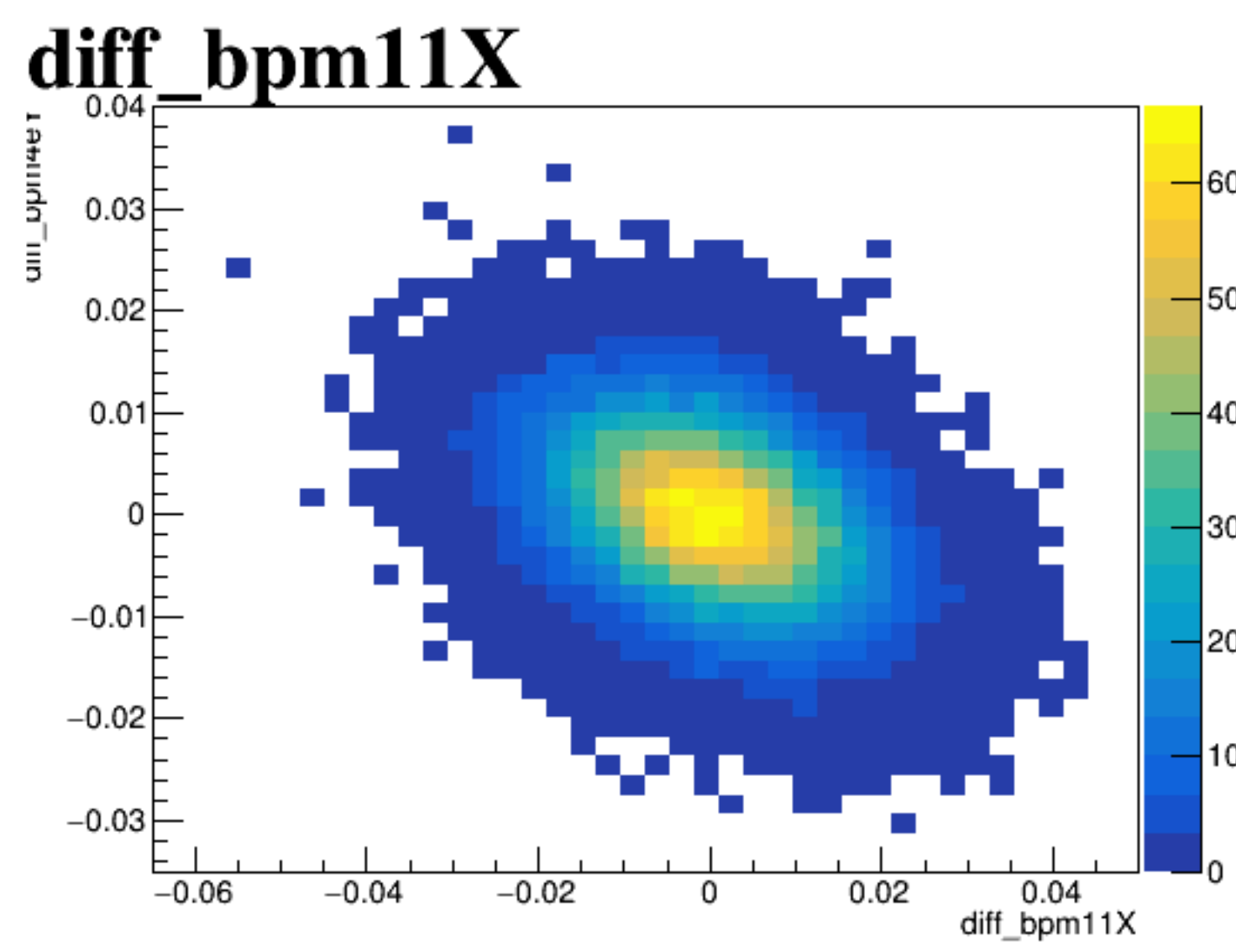
diff_bpm4aY



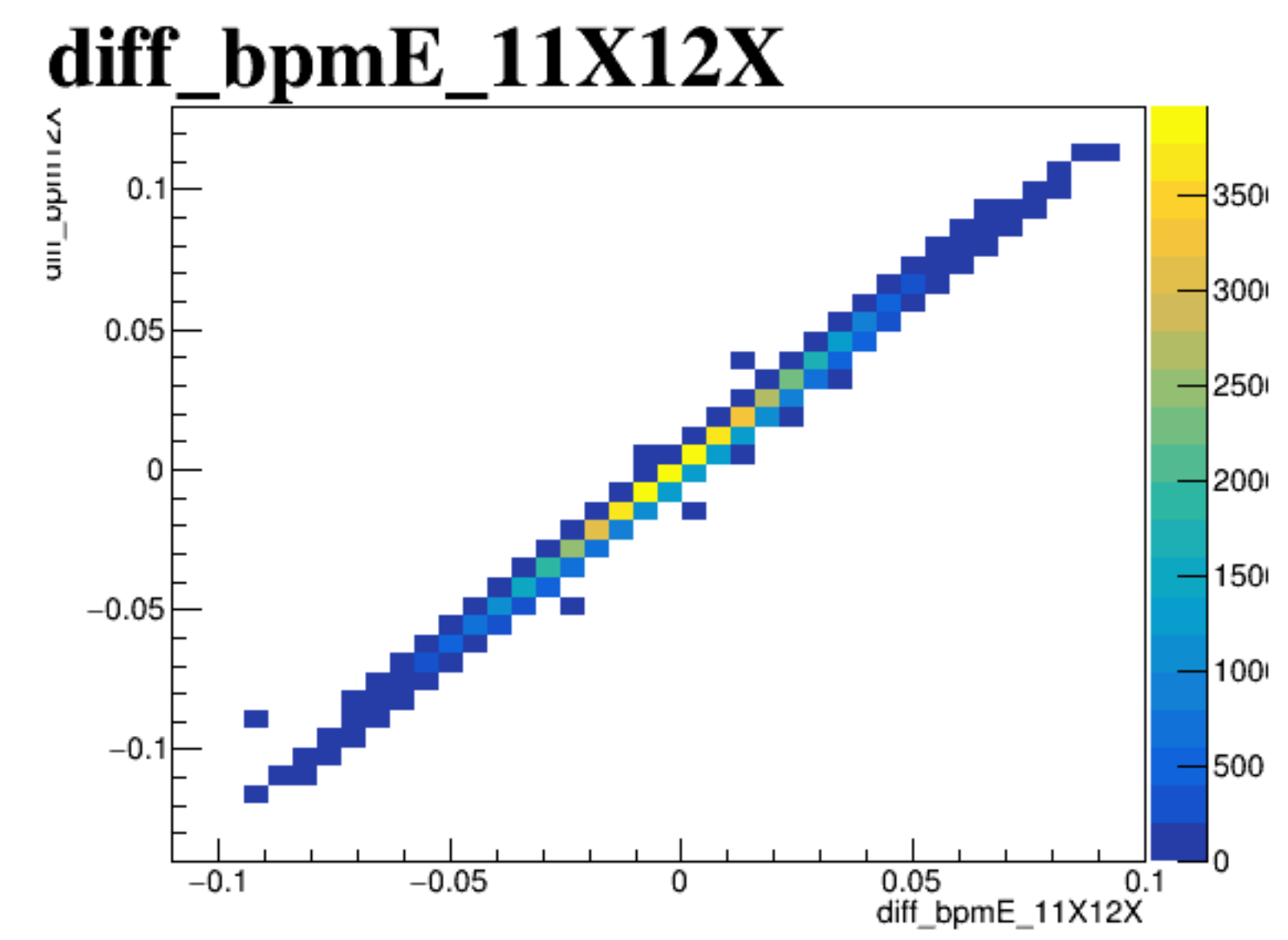
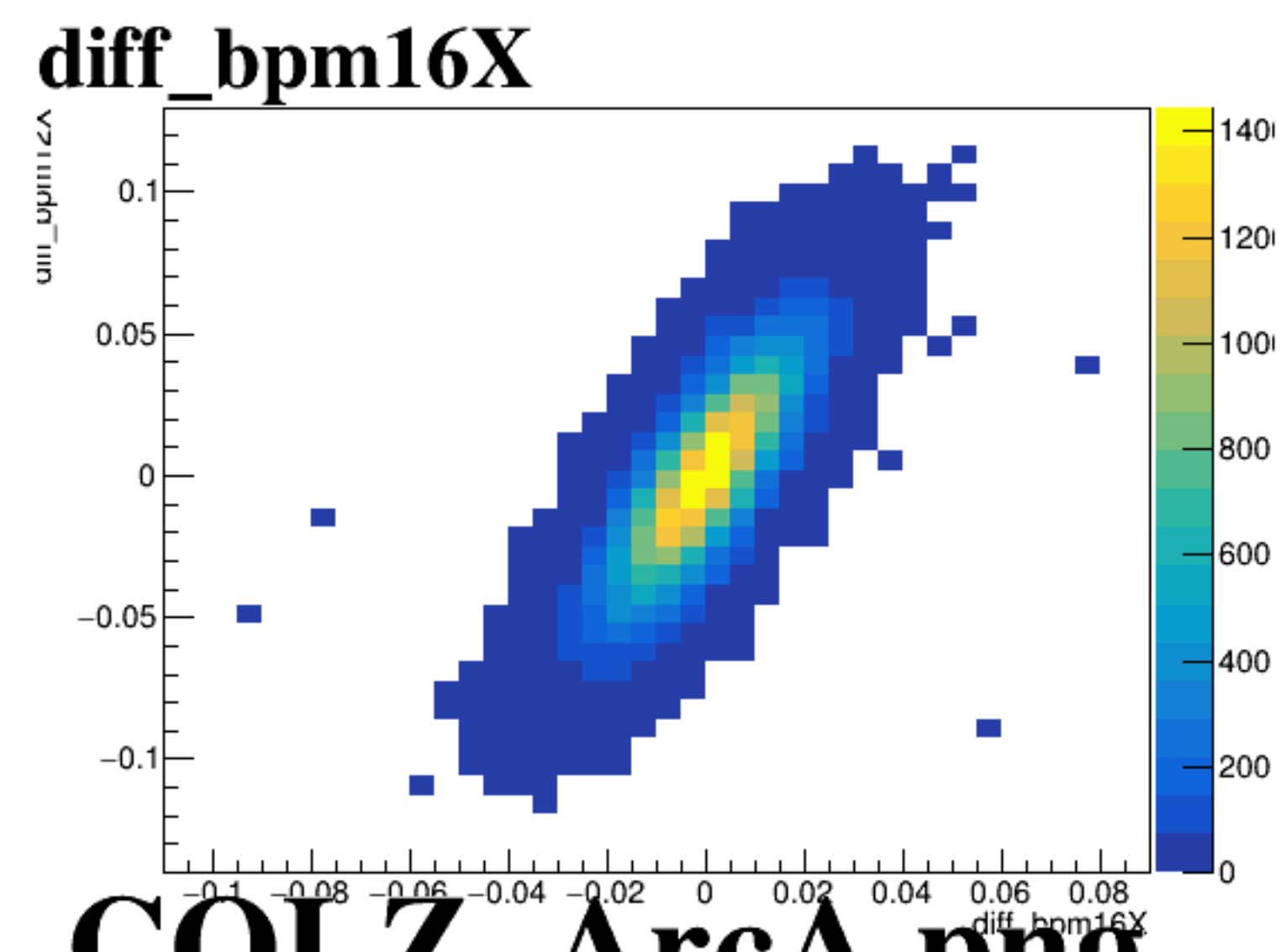
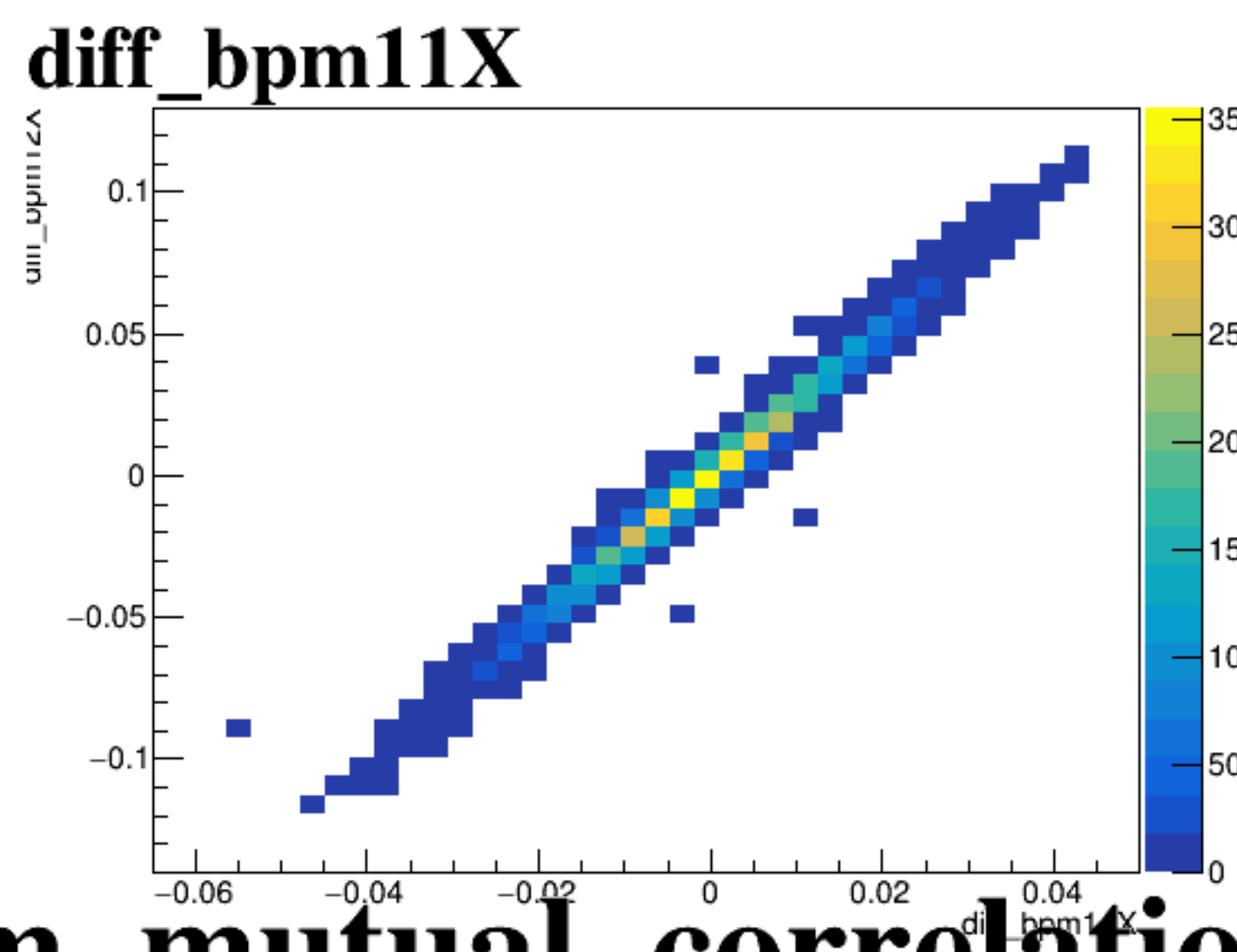
diff_bpm4eX



diff_bpm4eY

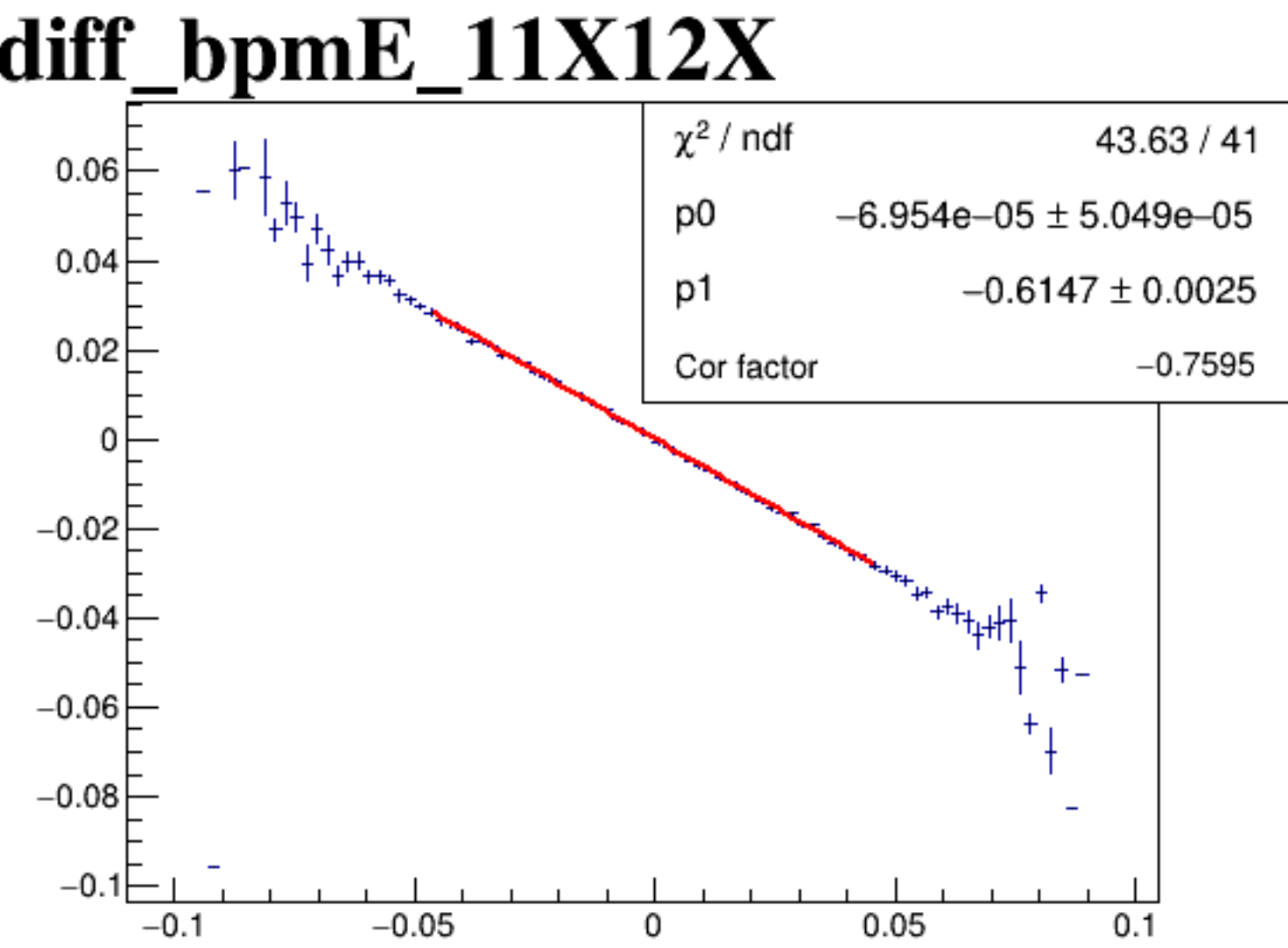
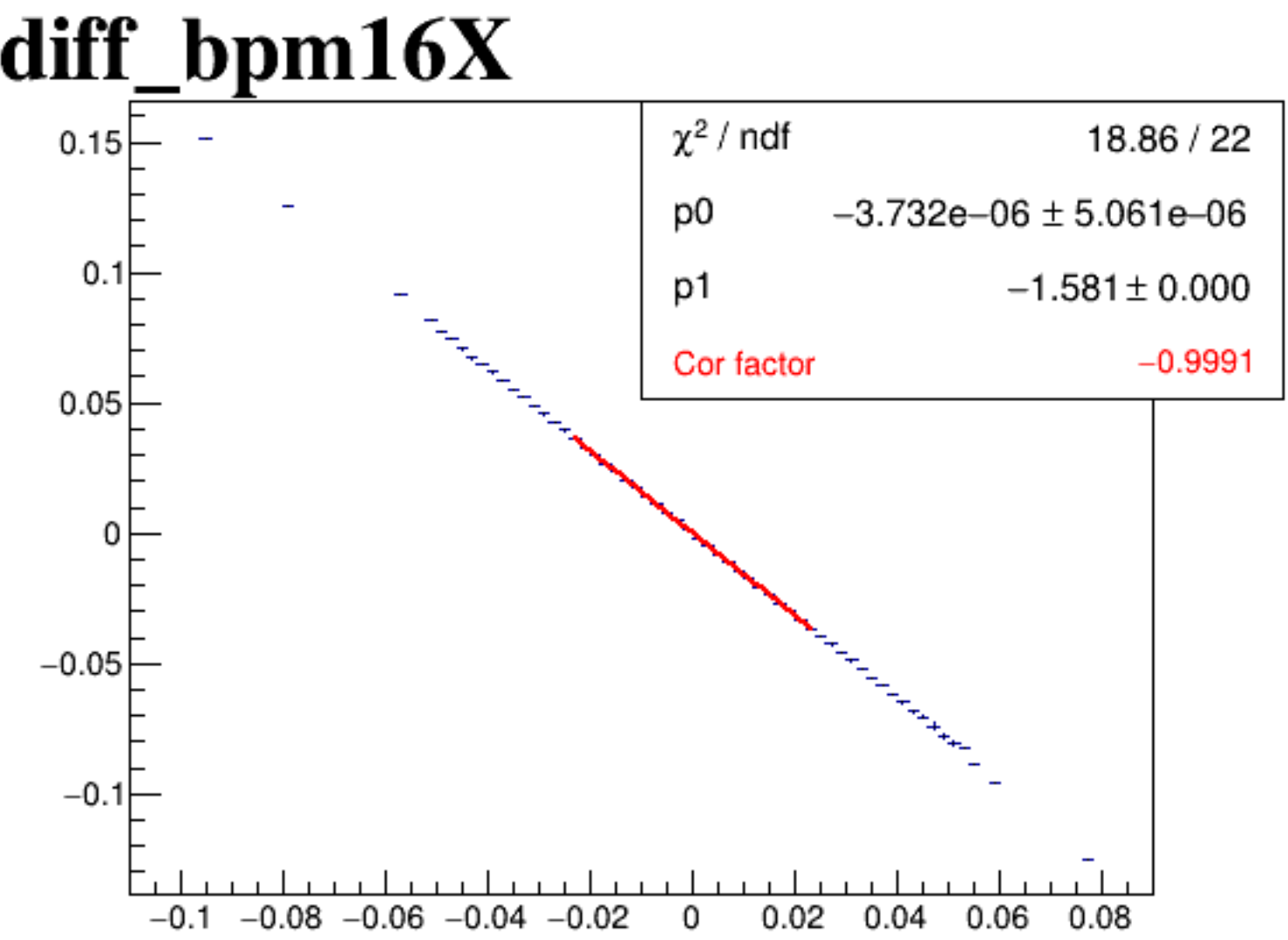
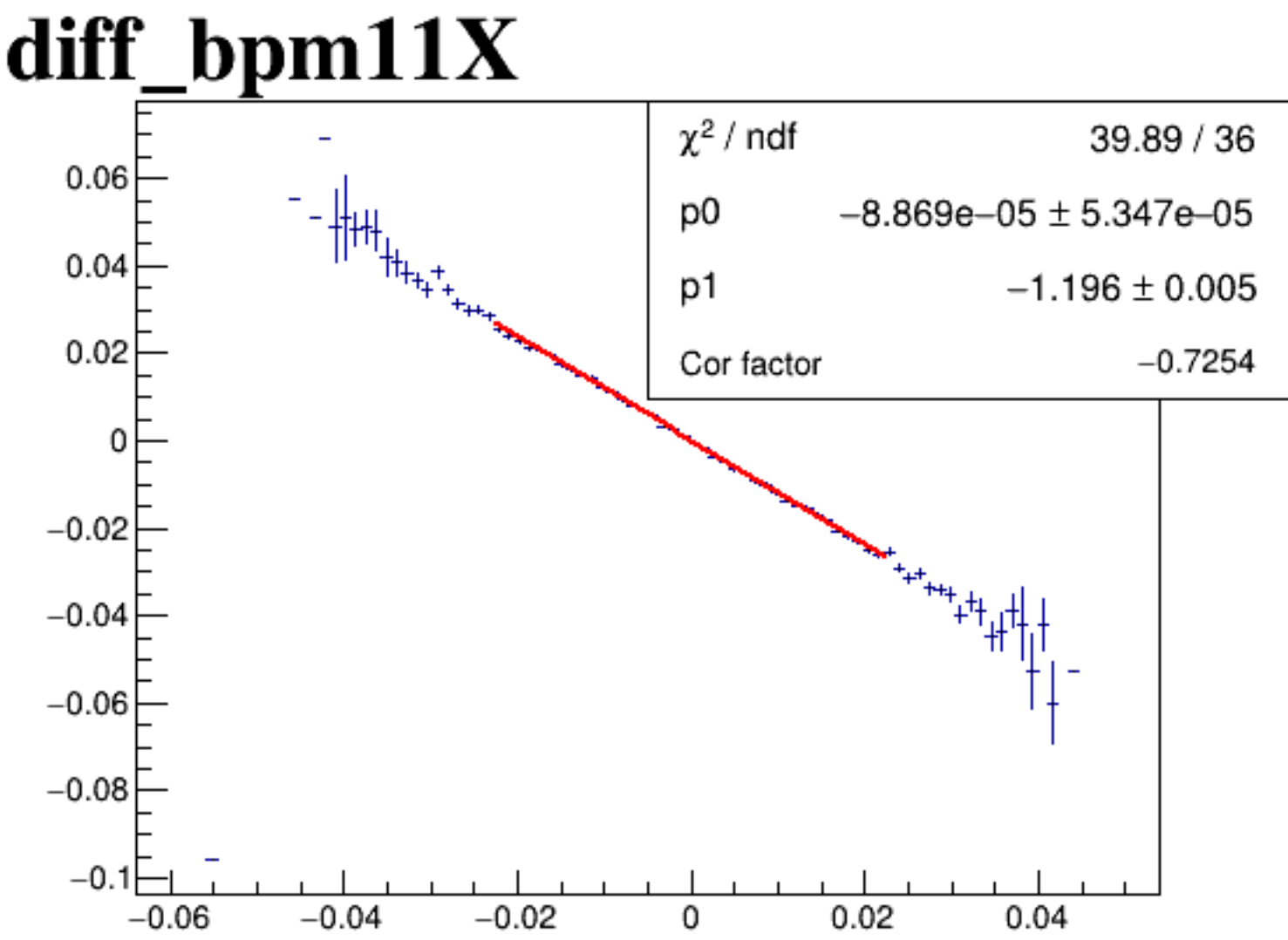


diff_bpm12X

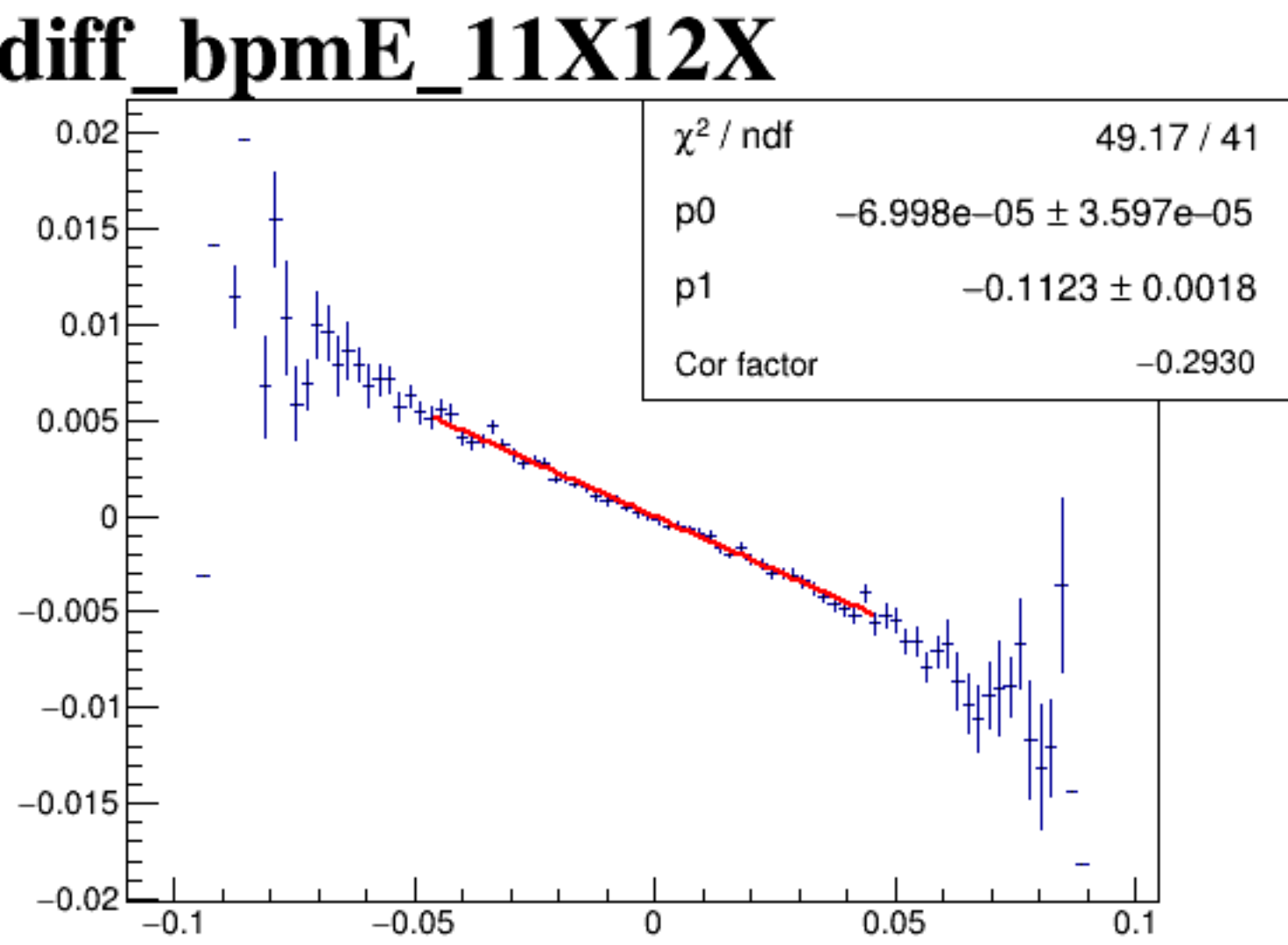
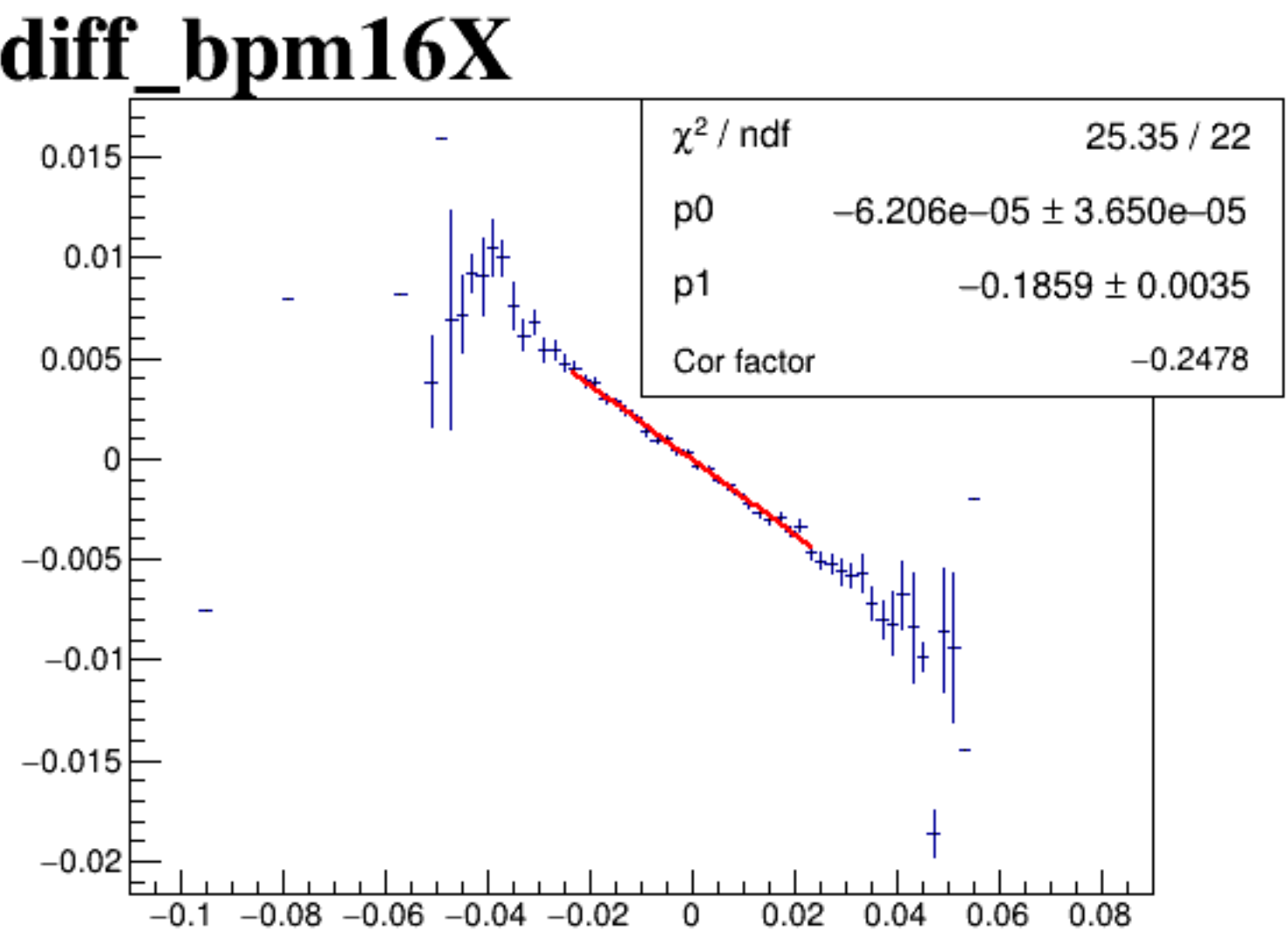
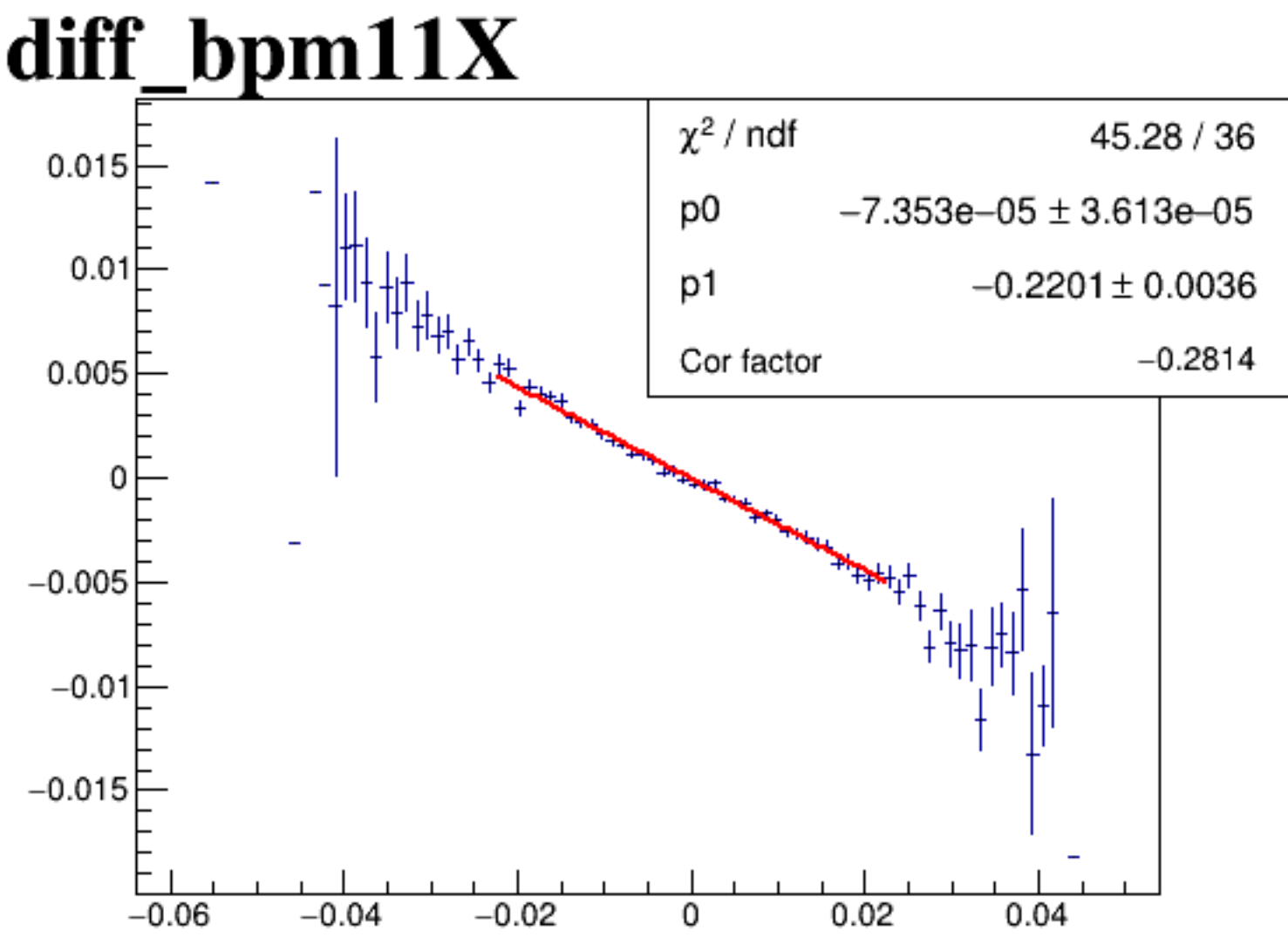


run5961_000_diff_bpm_mutual_correlation_COLZ_ArcA.png

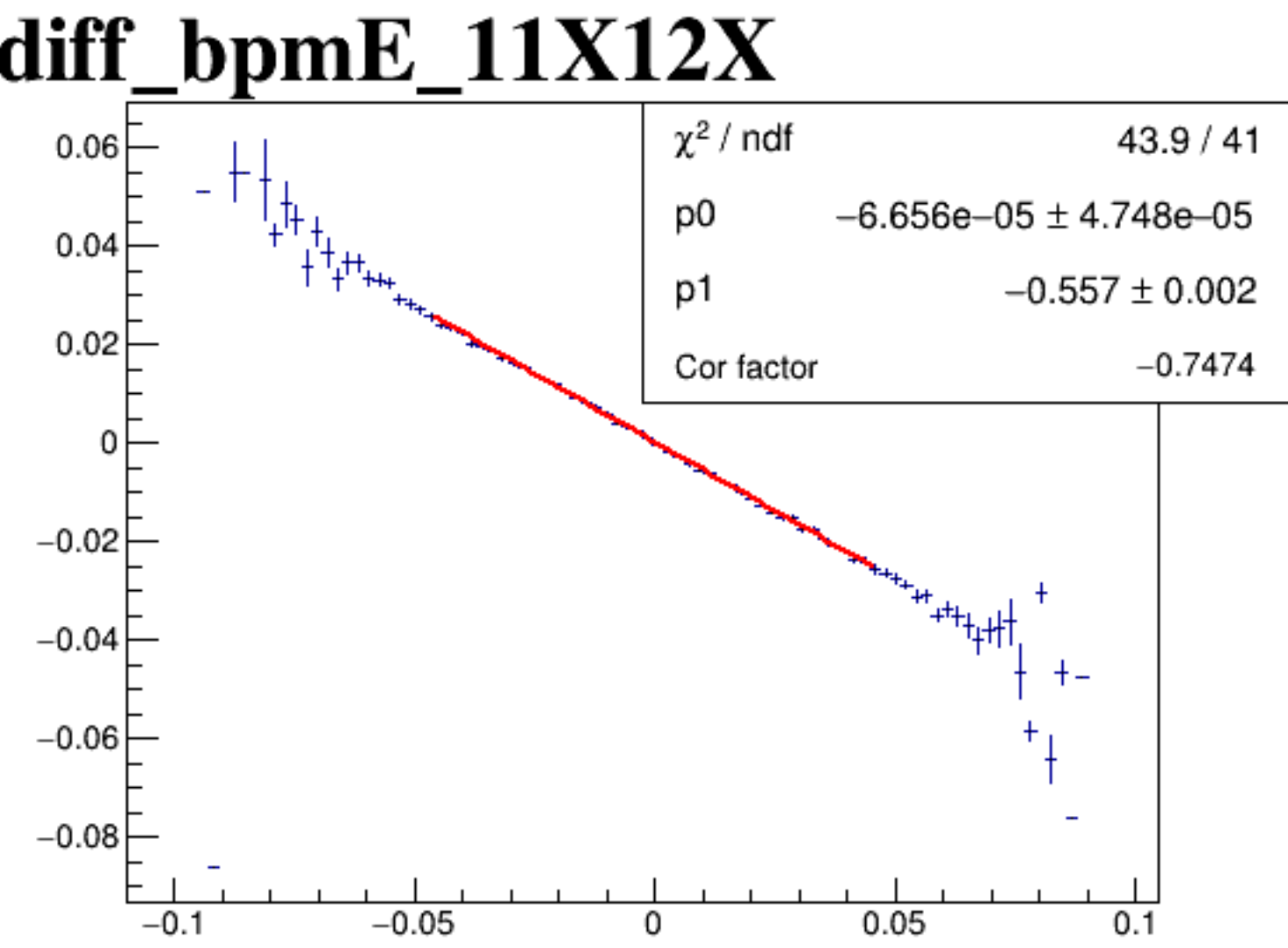
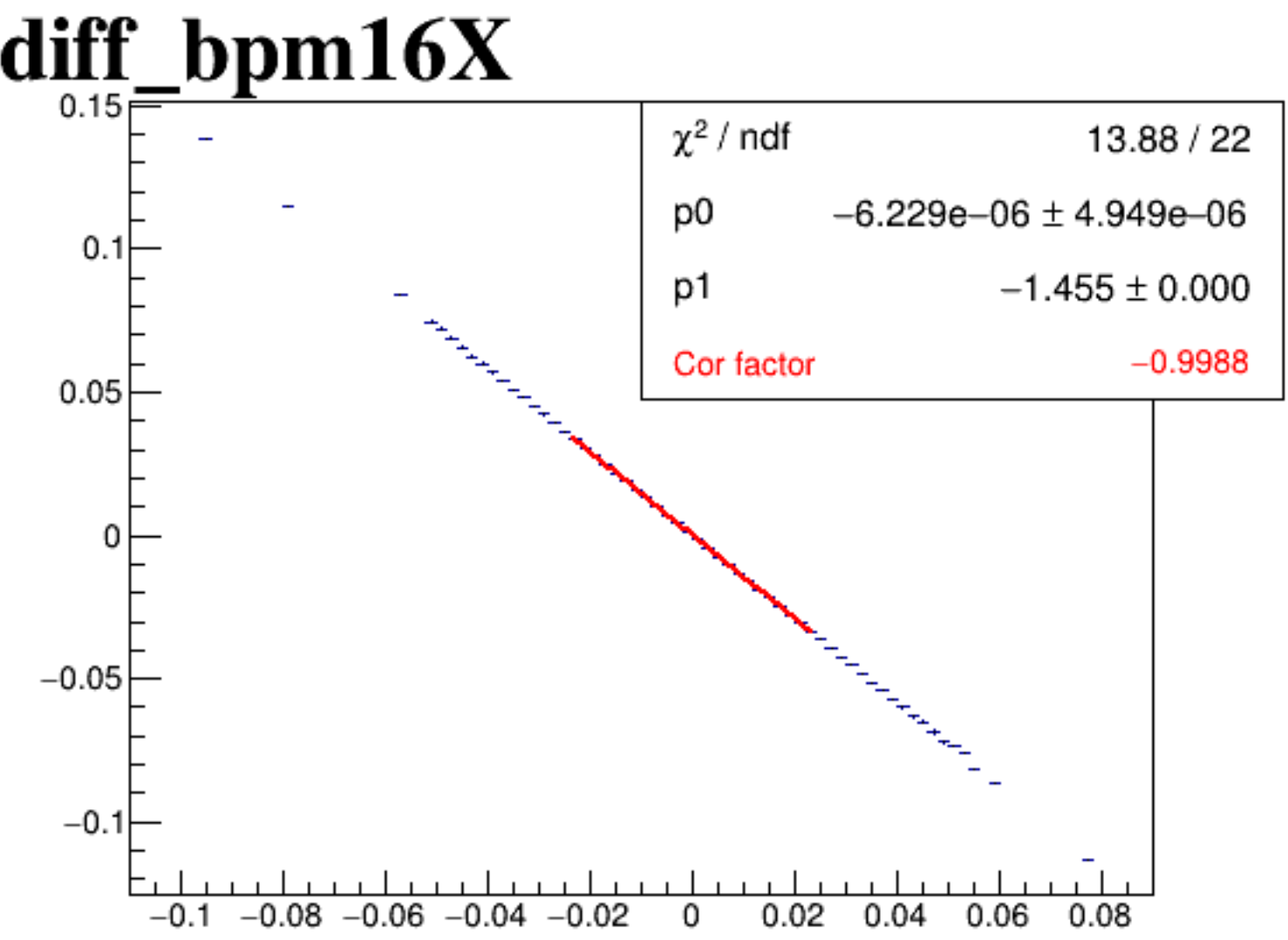
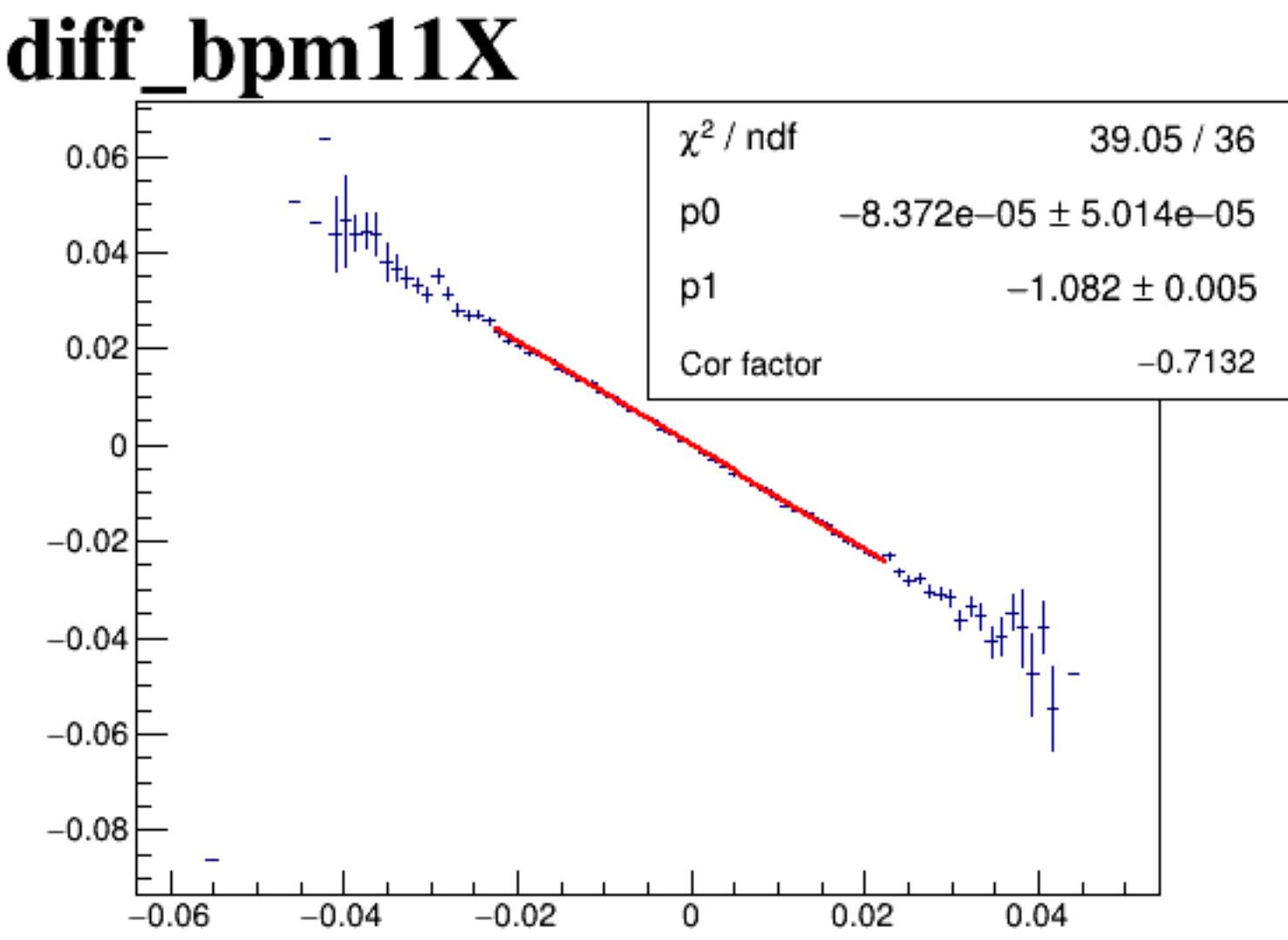
diff_bpm4aX



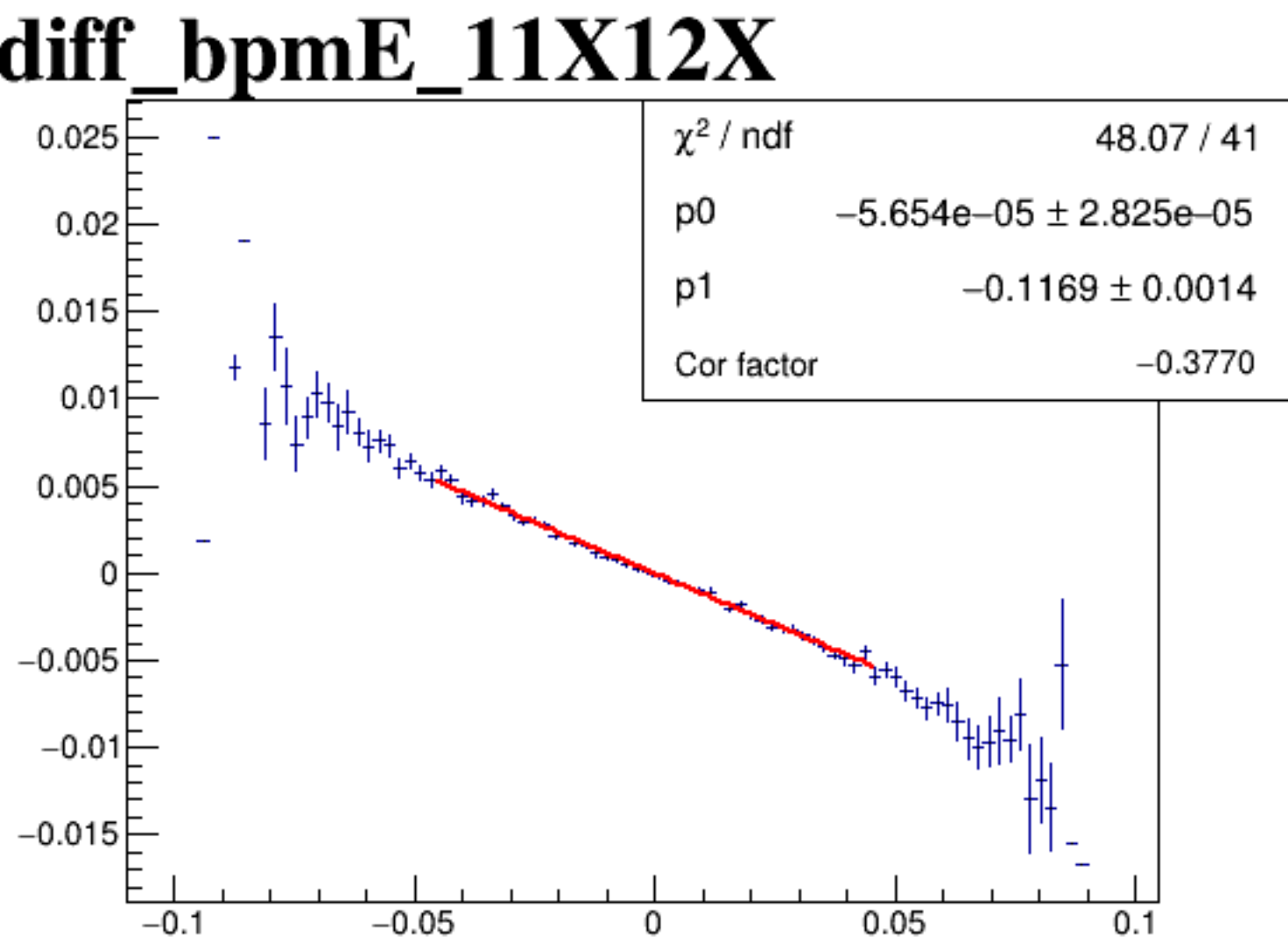
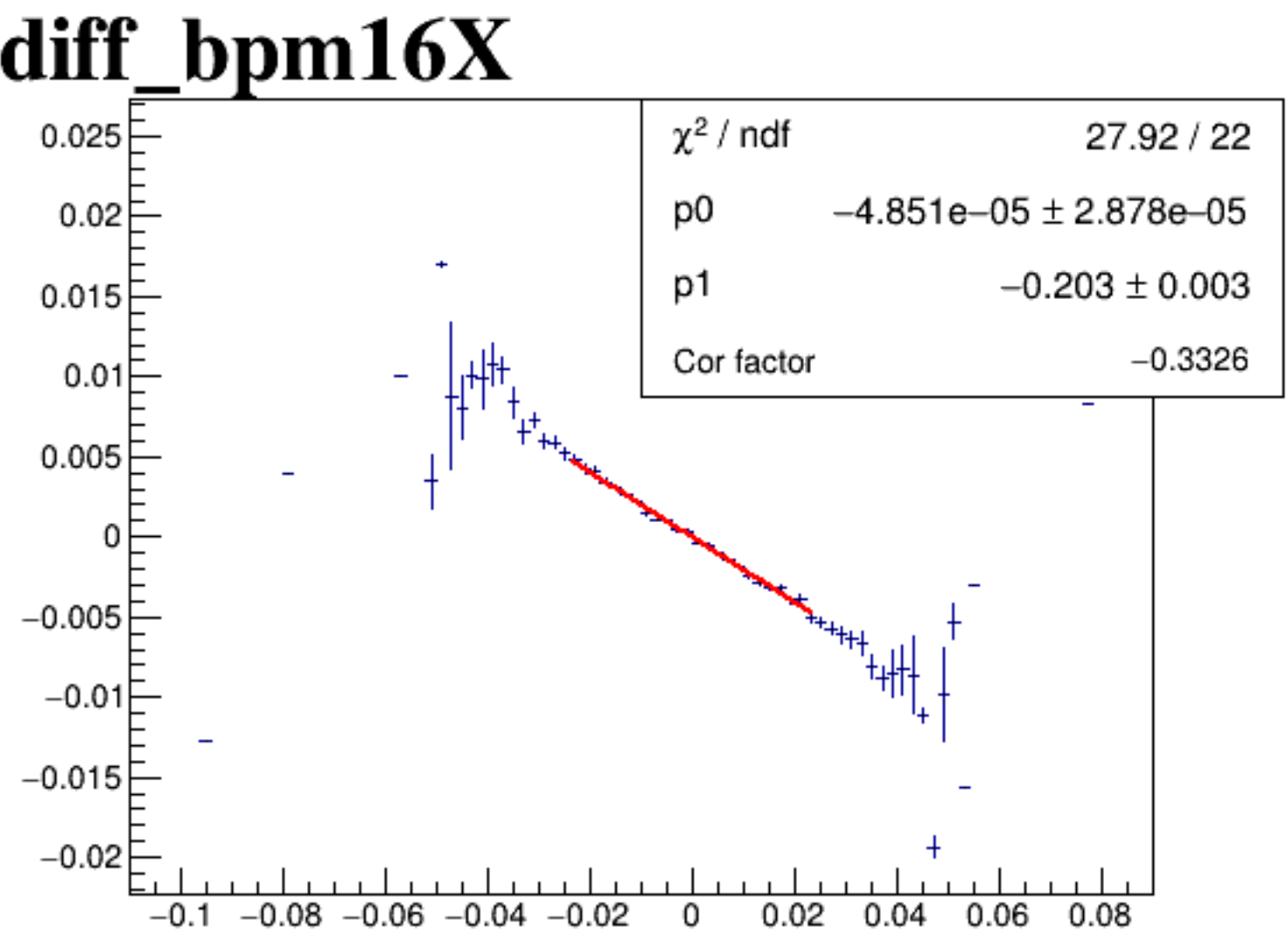
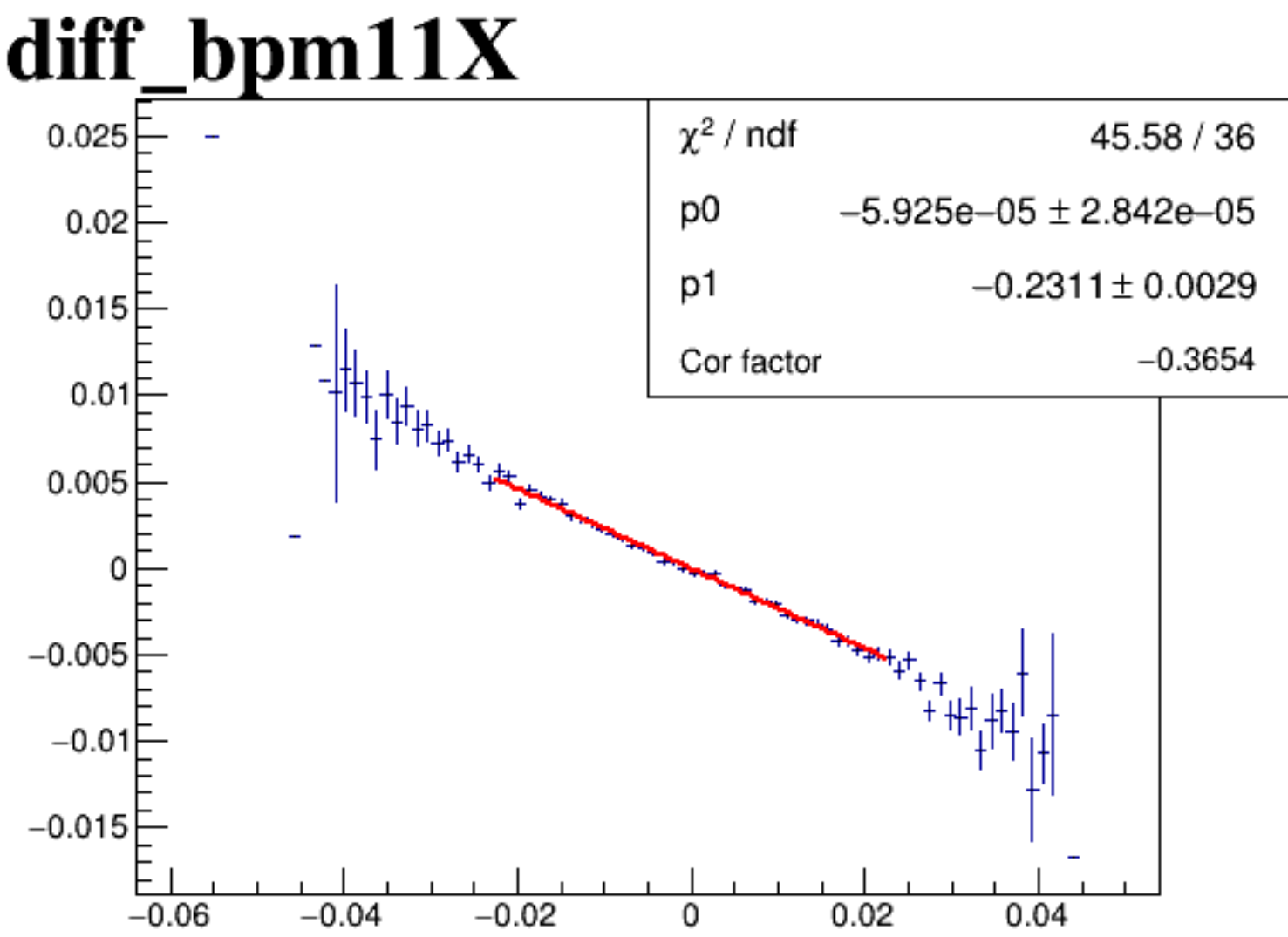
diff_bpm4aY



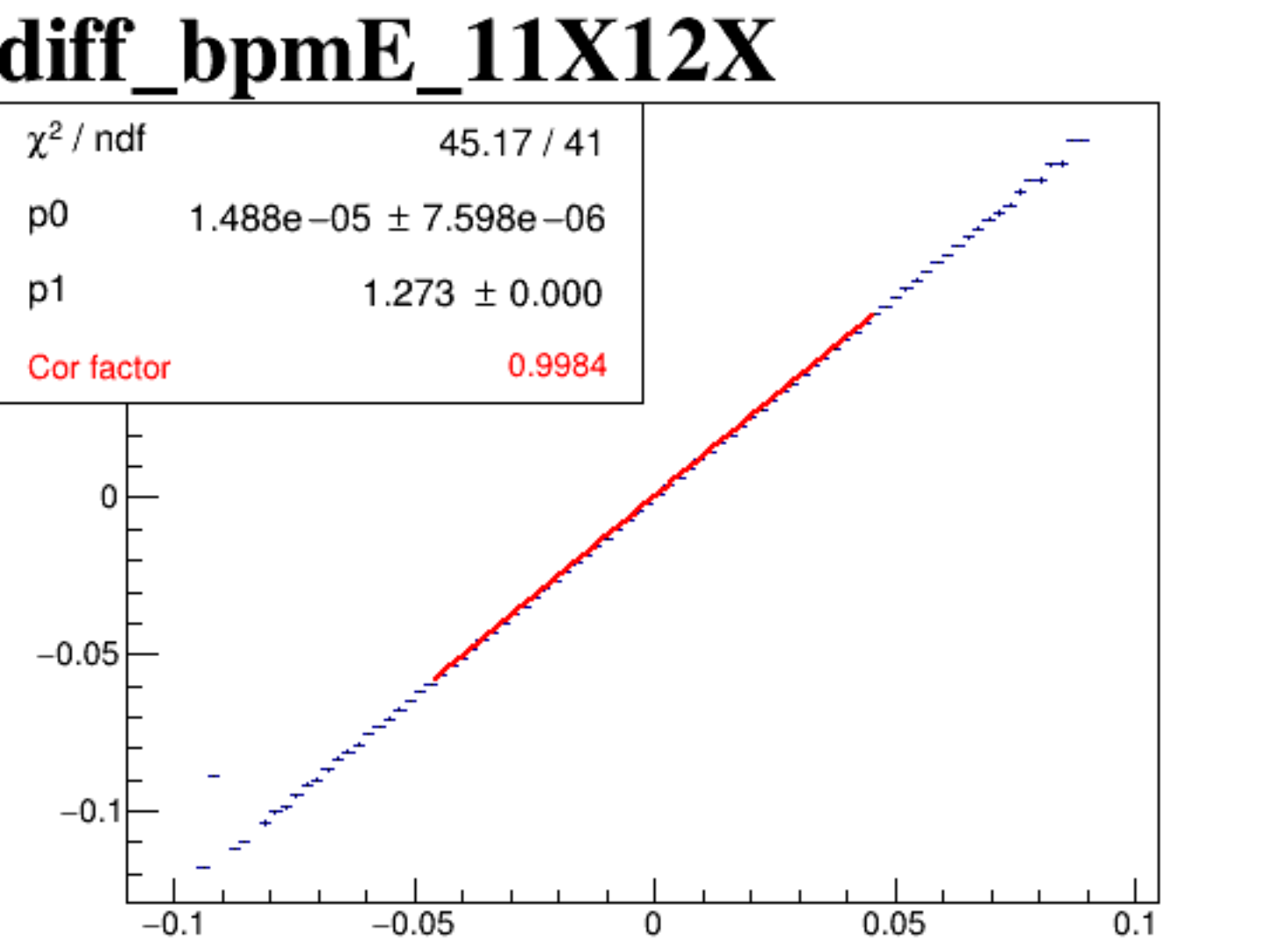
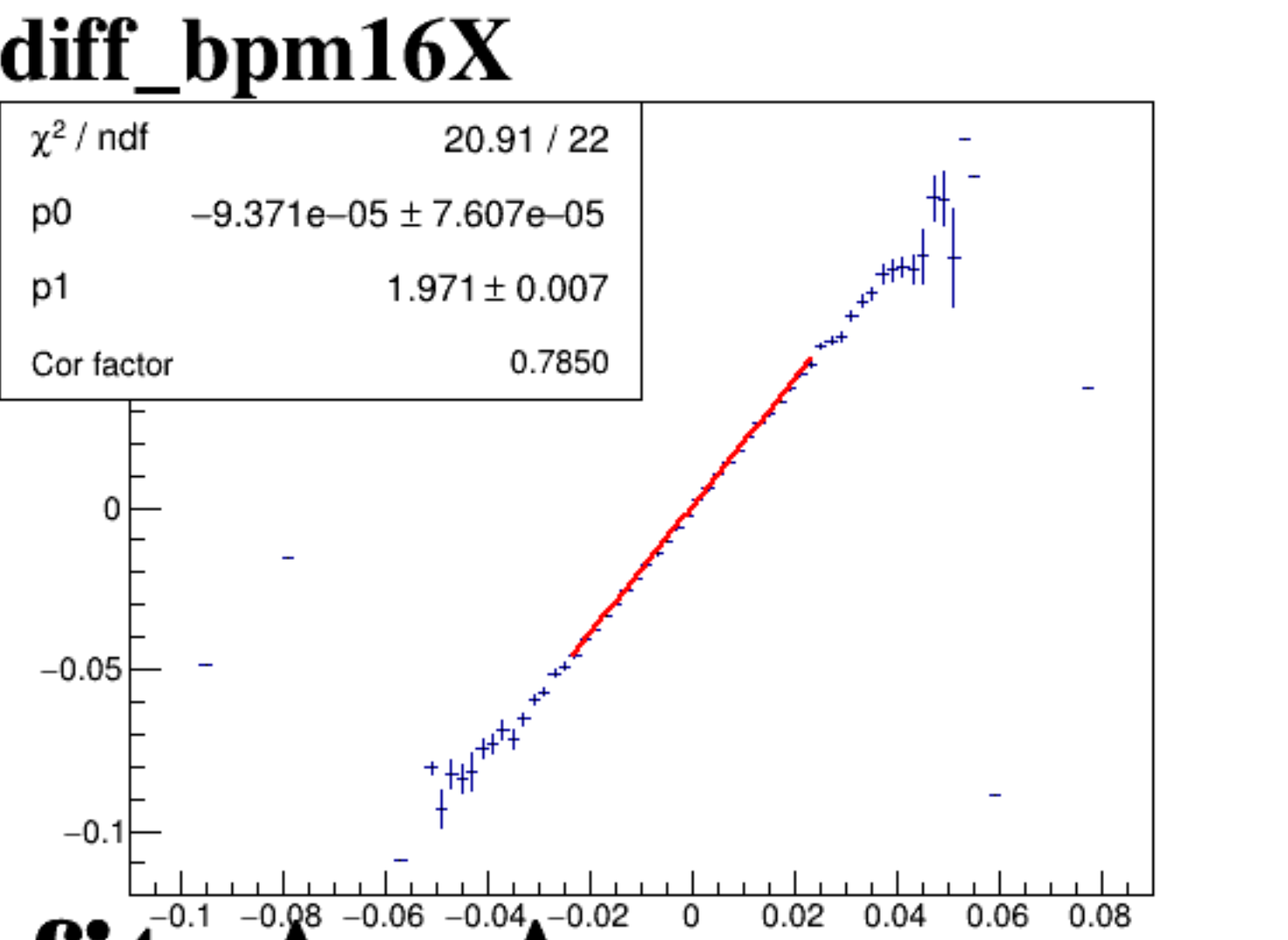
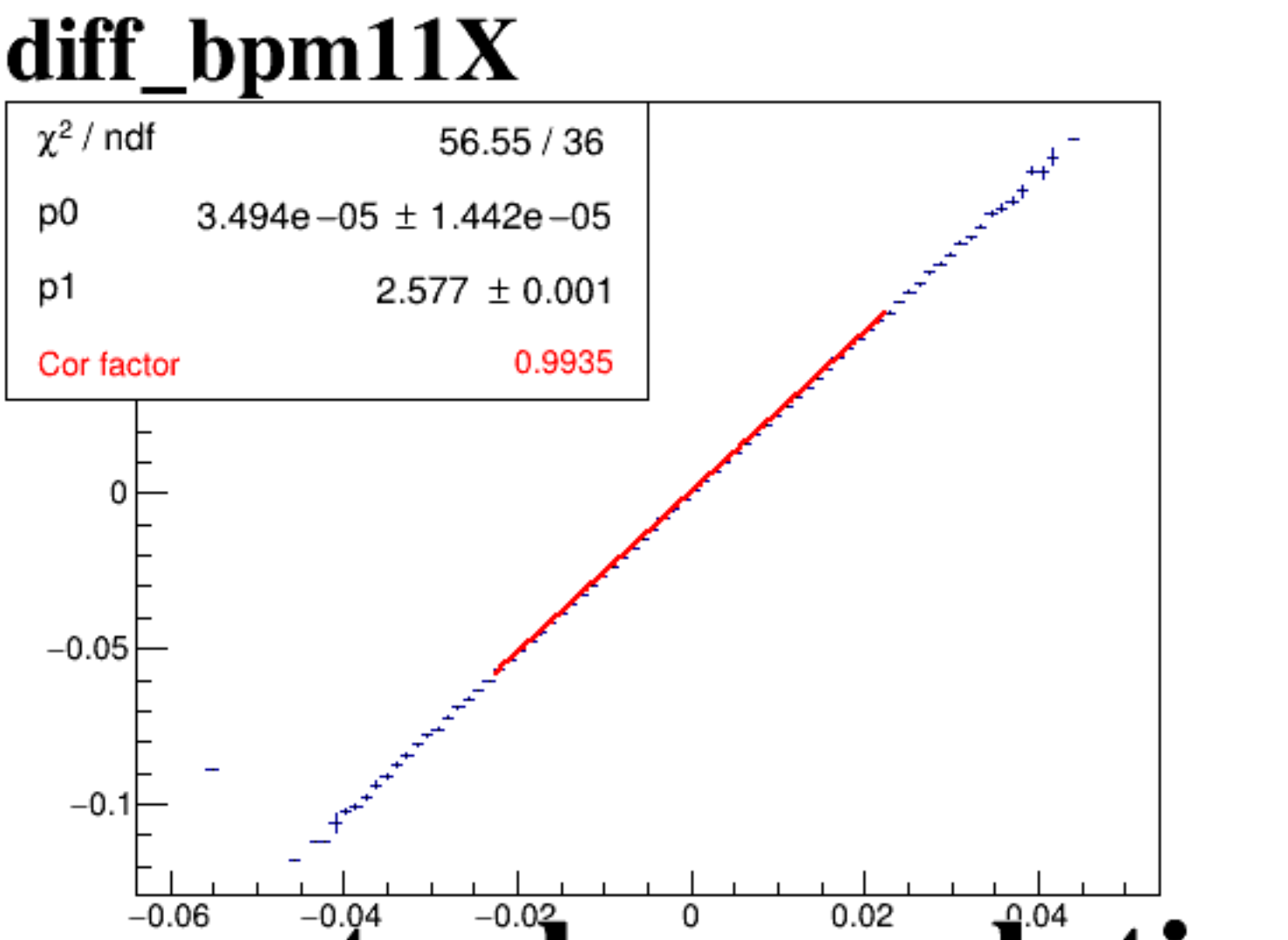
diff_bpm4eX



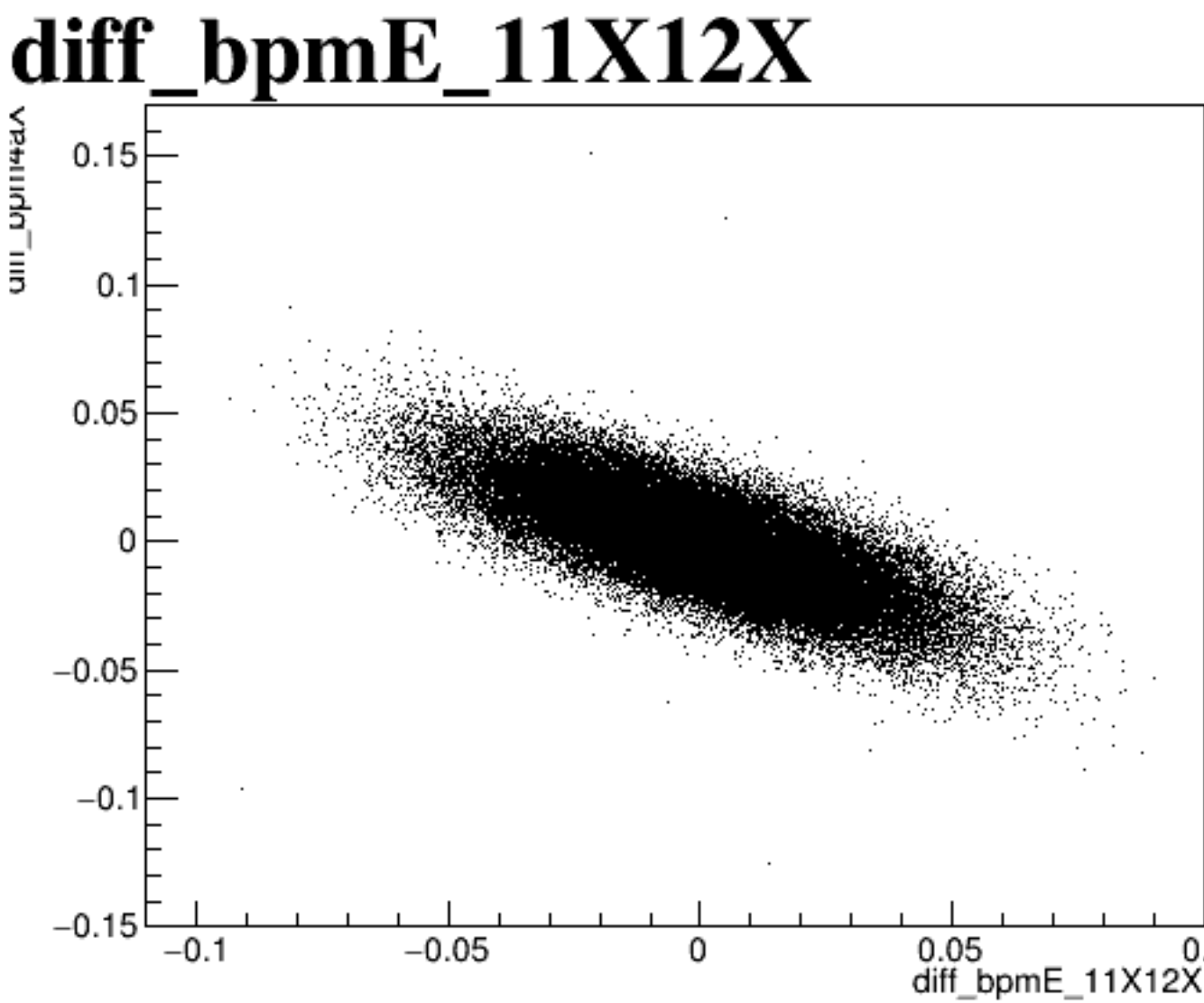
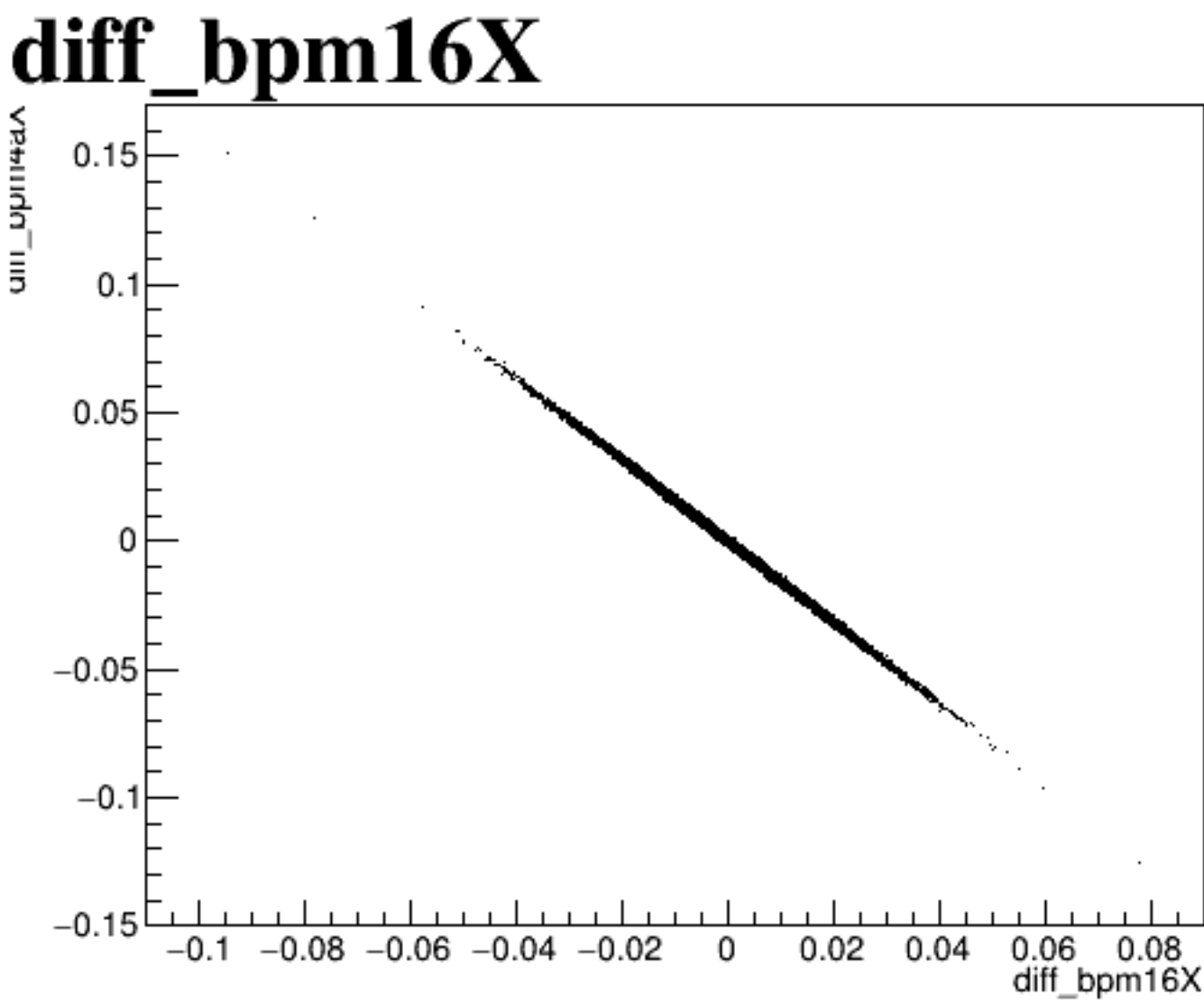
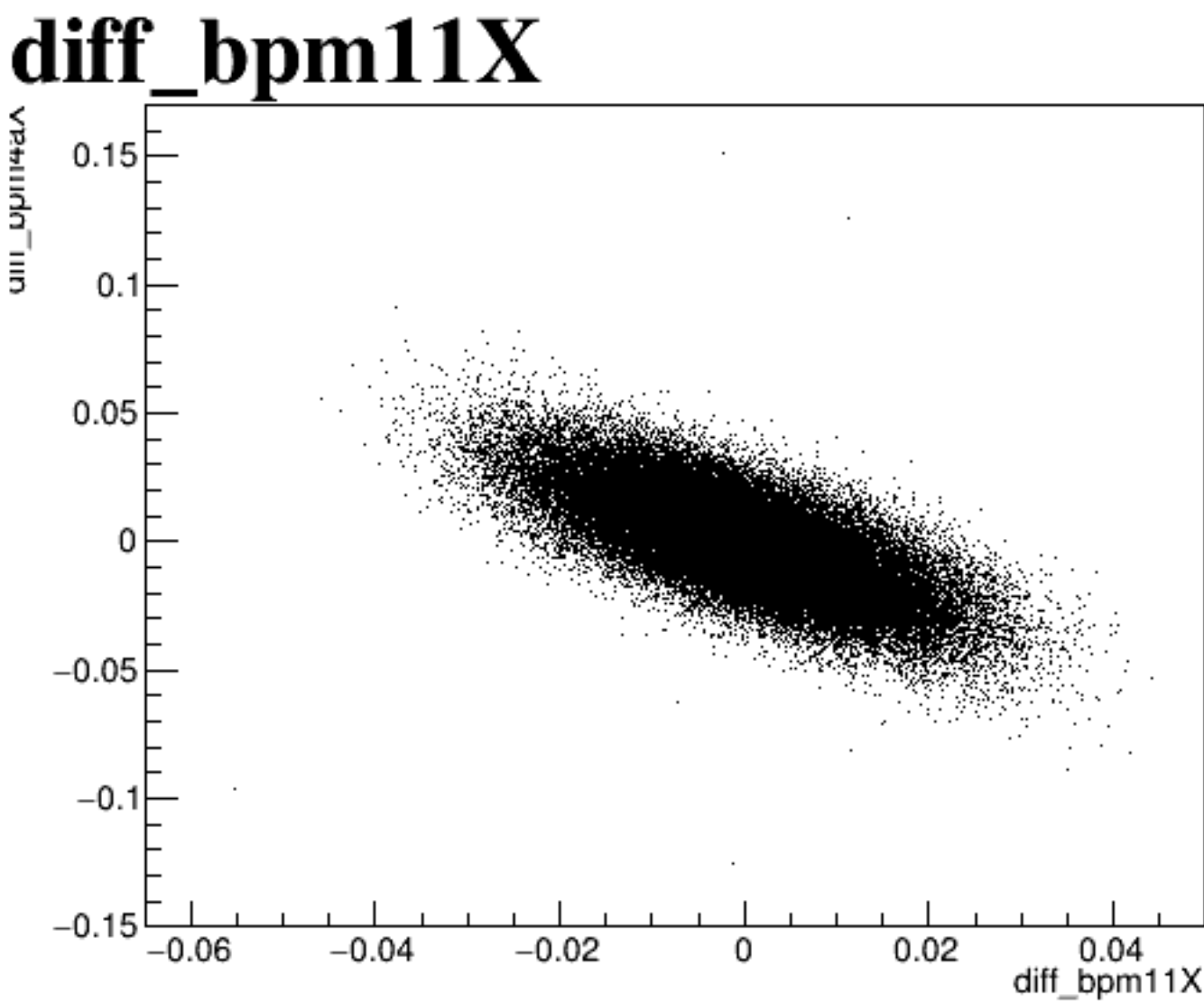
diff_bpm4eY



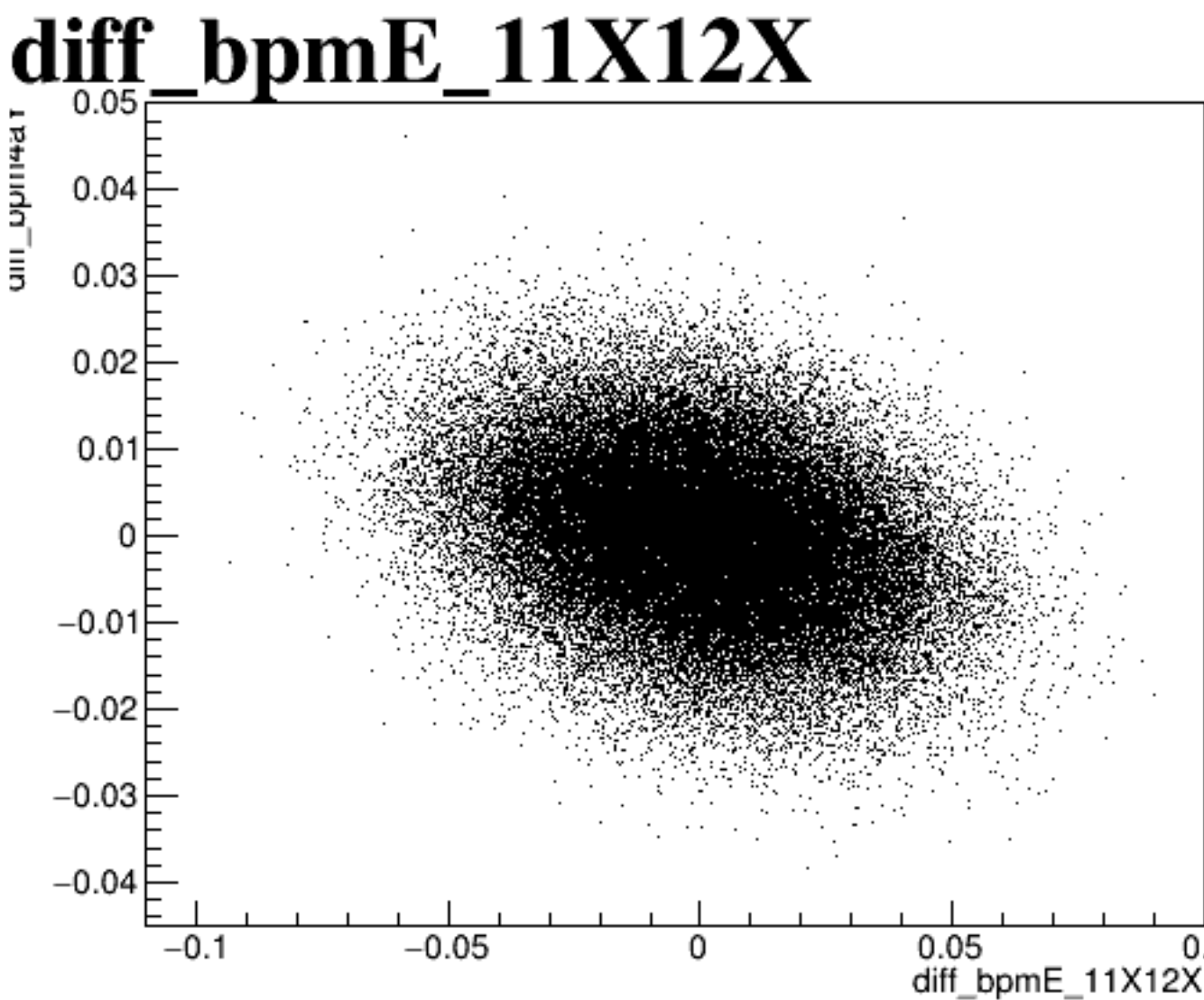
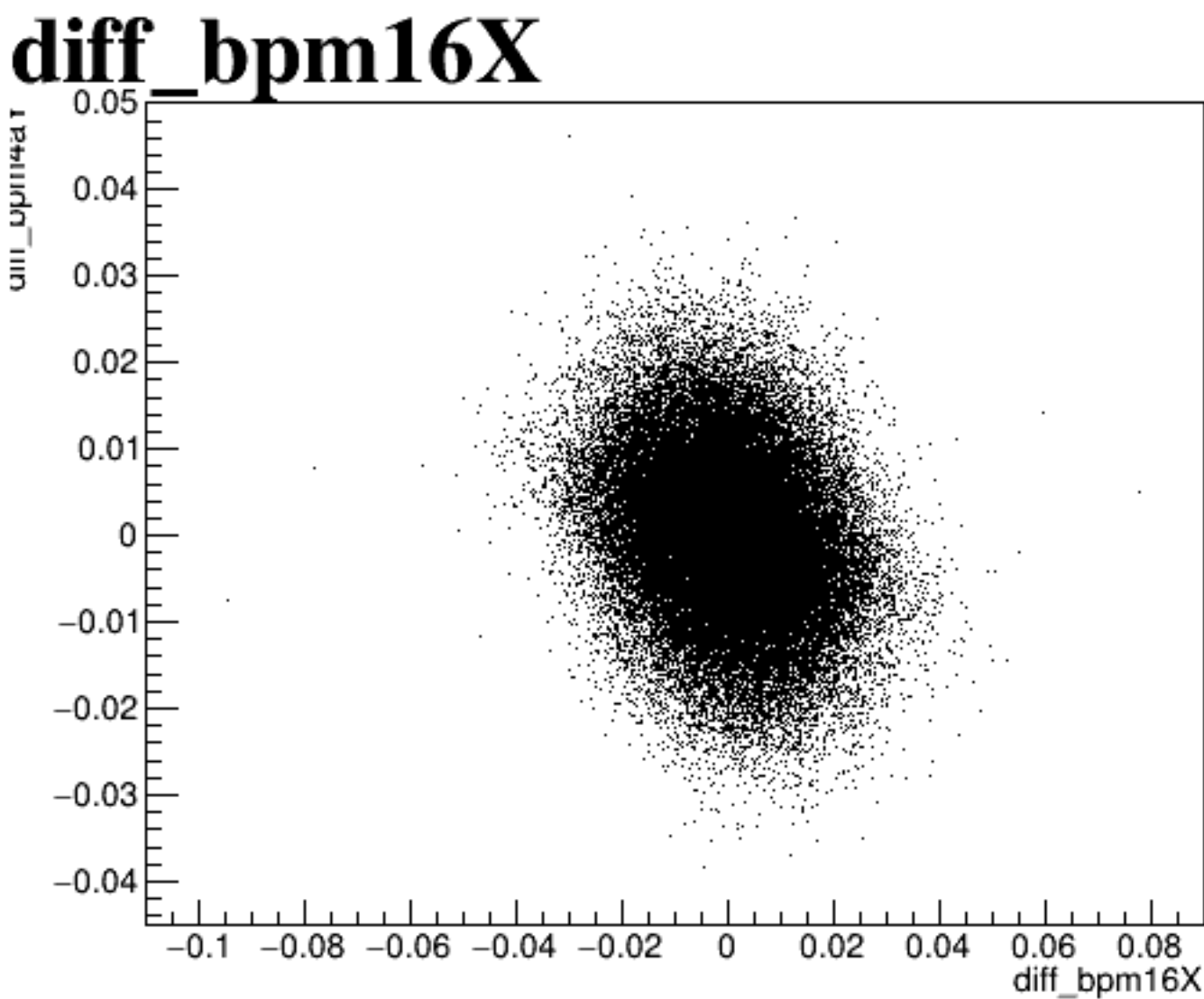
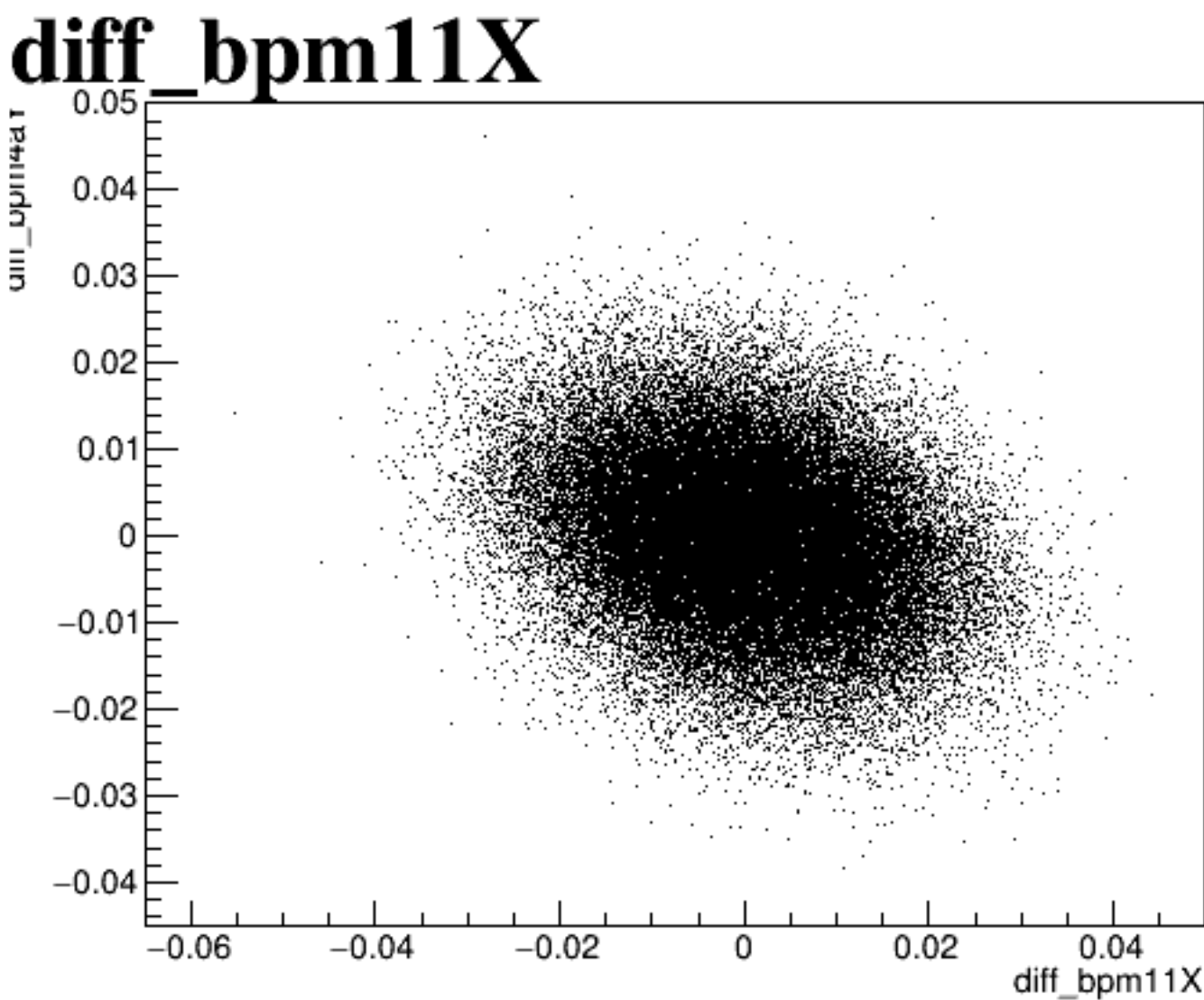
diff_bpm12X



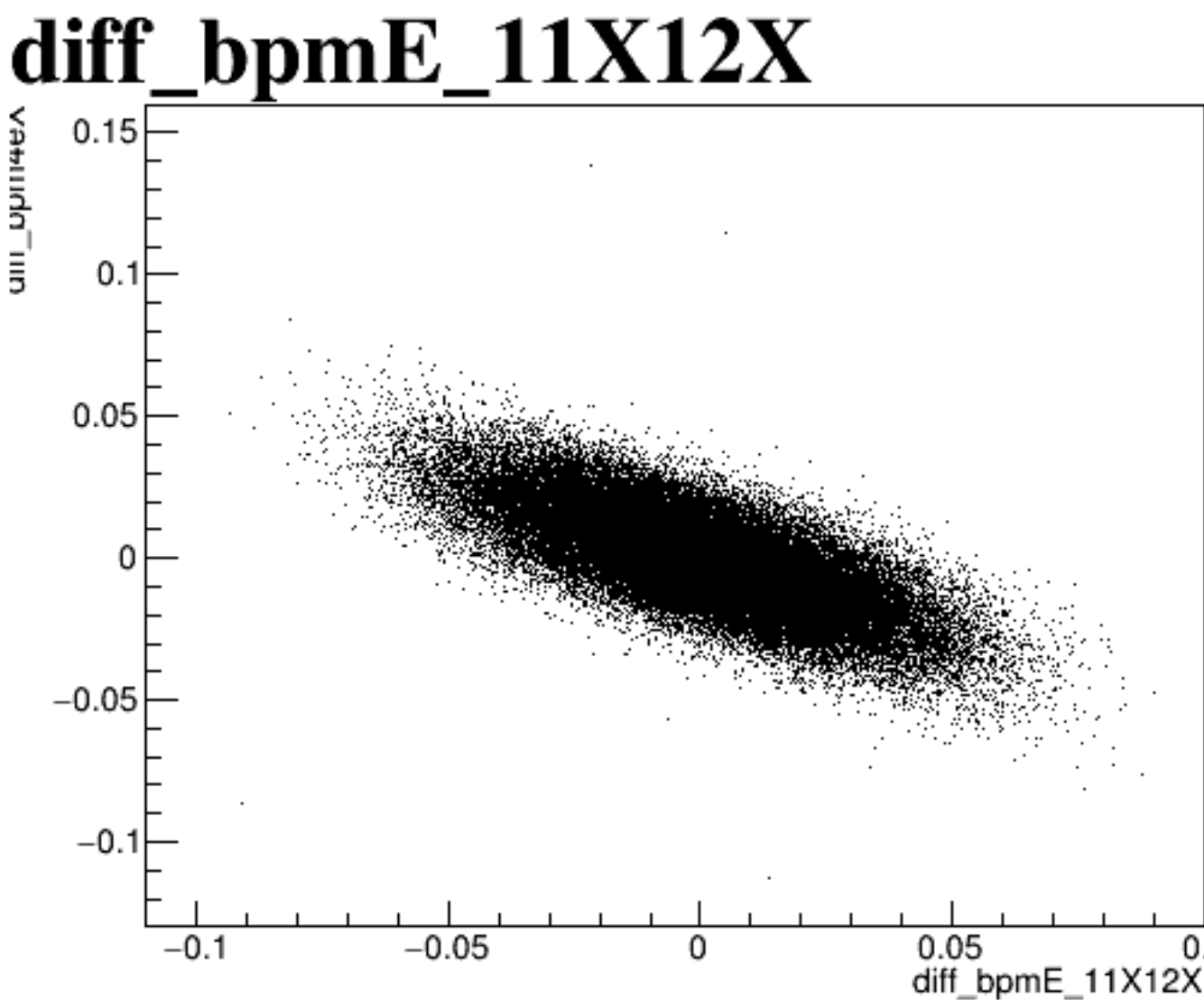
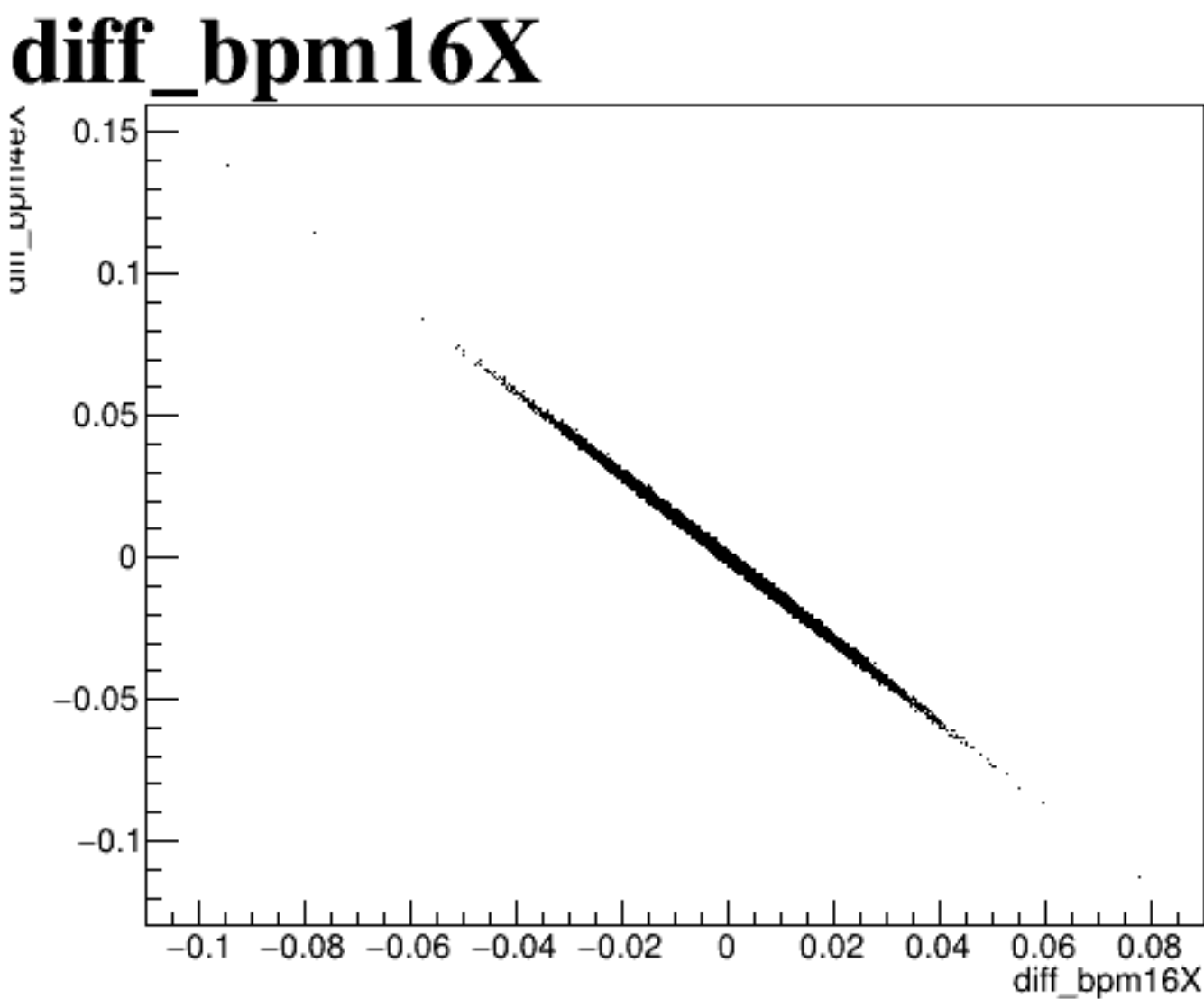
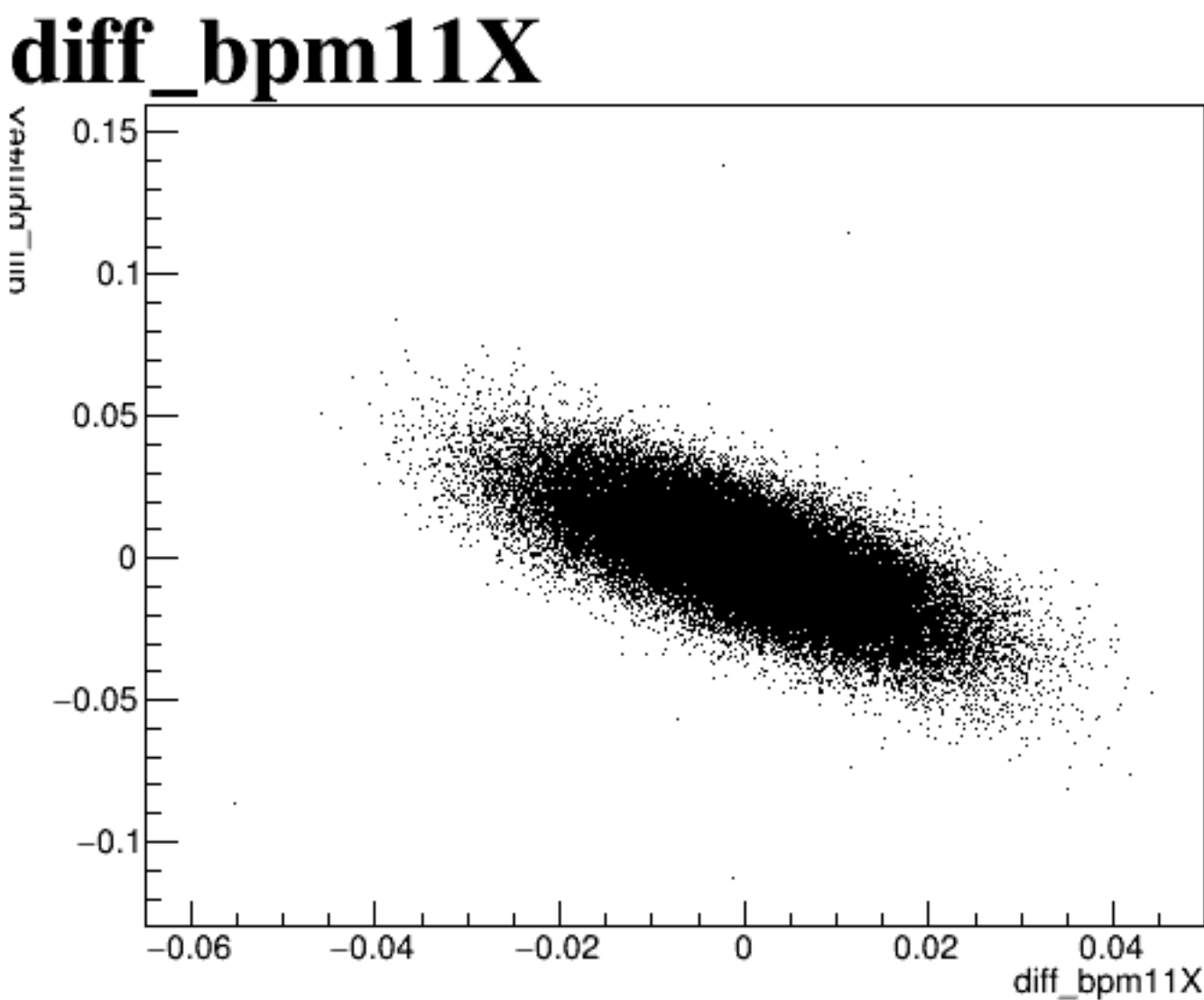
diff_bpm4aX



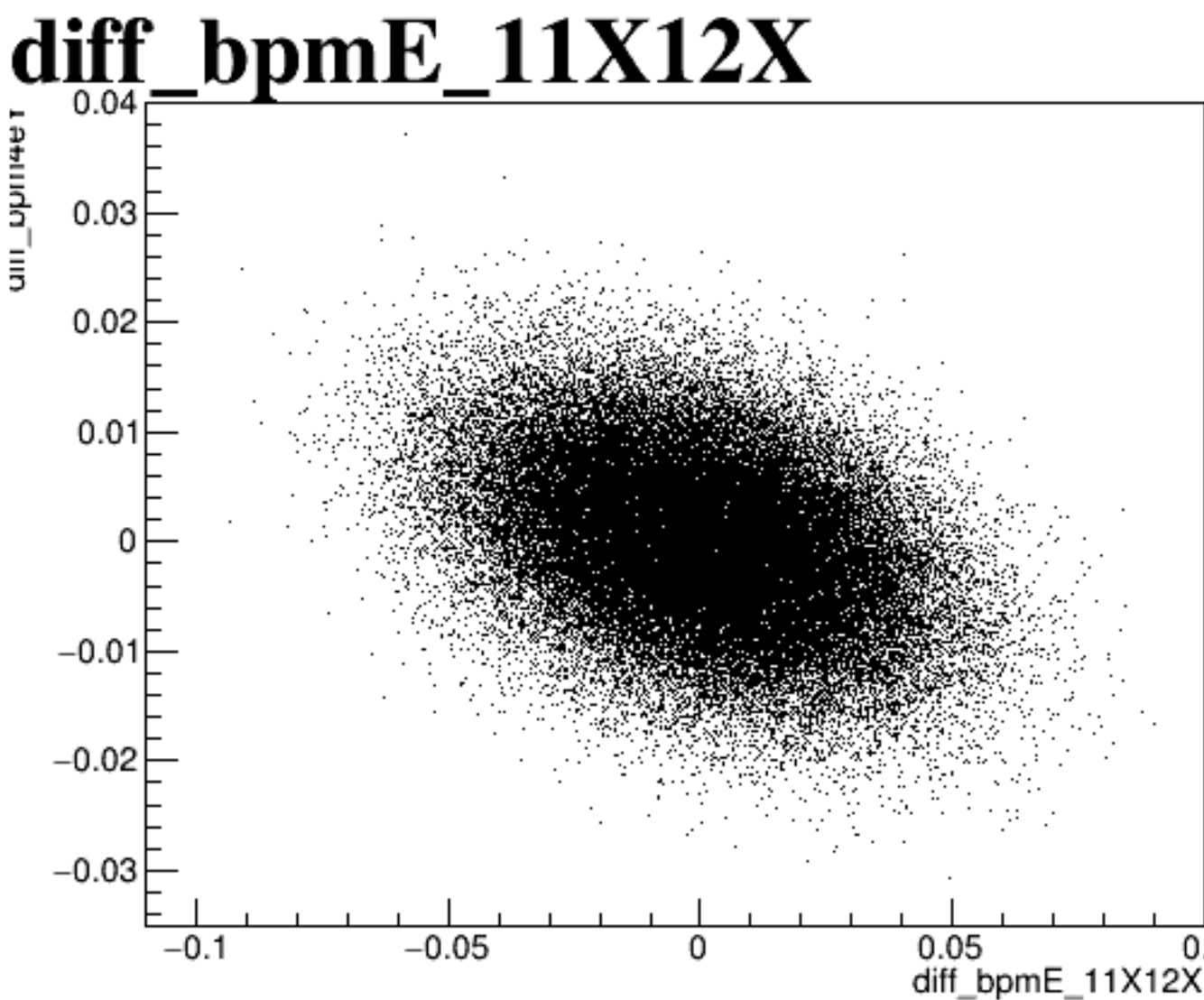
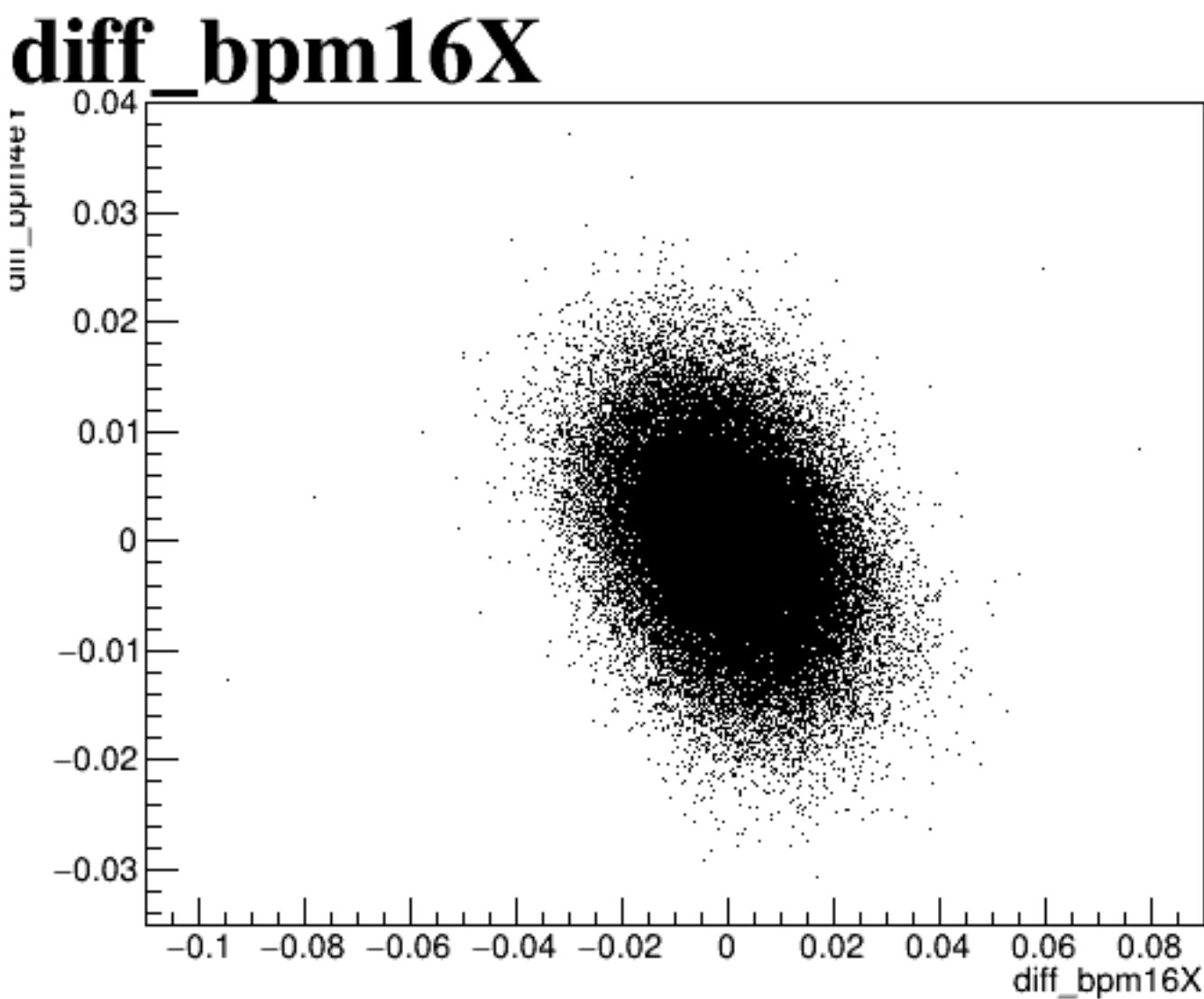
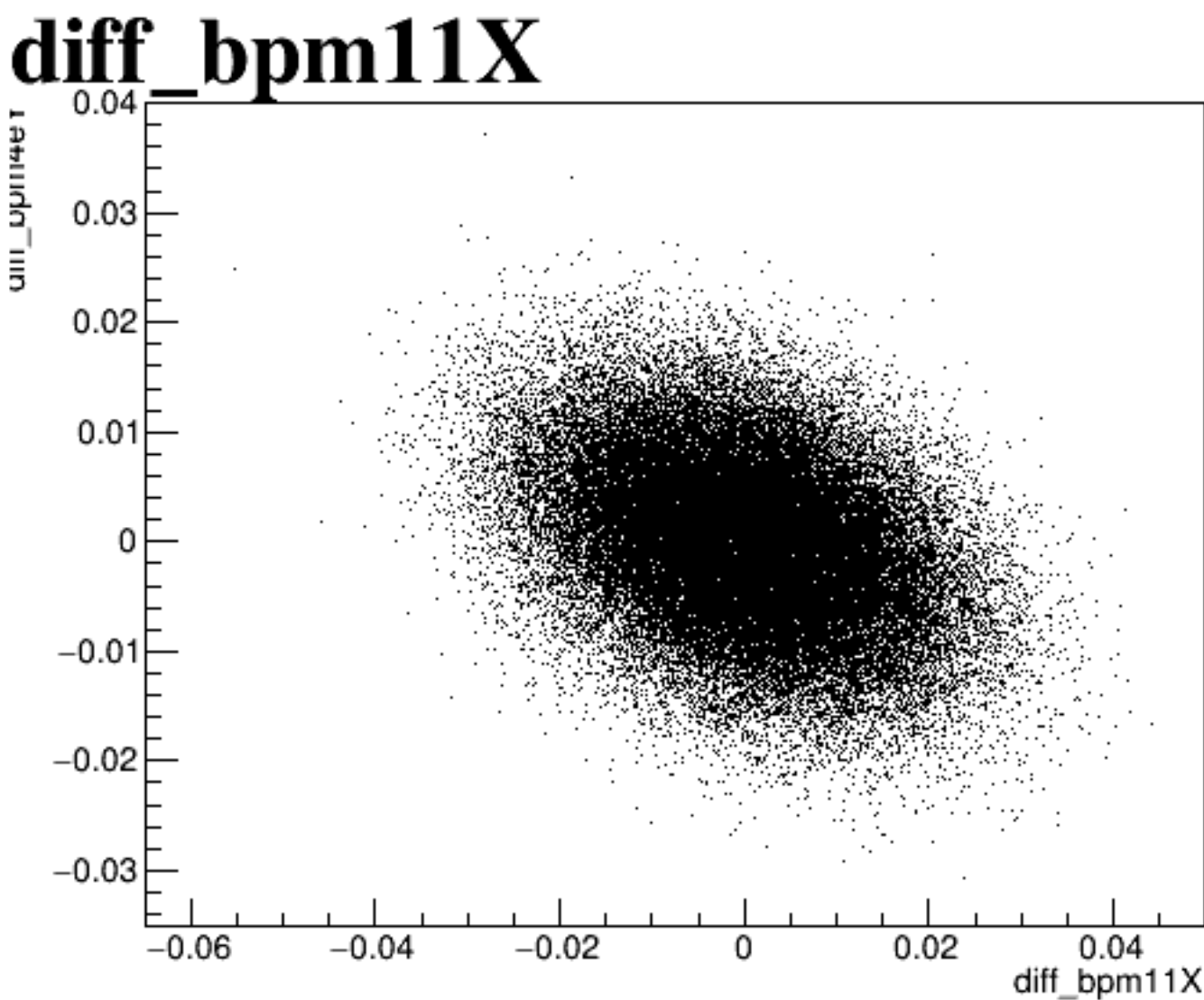
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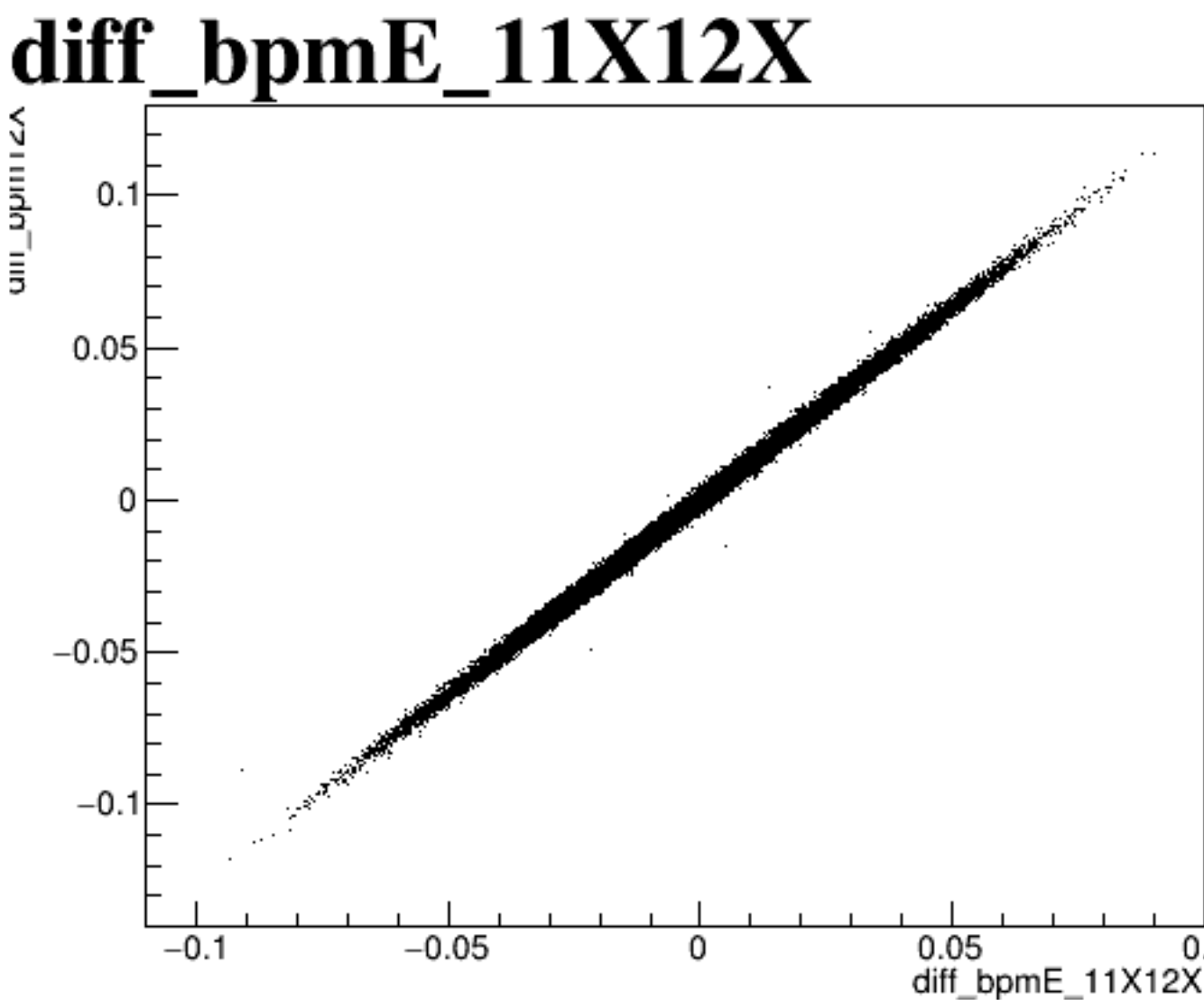
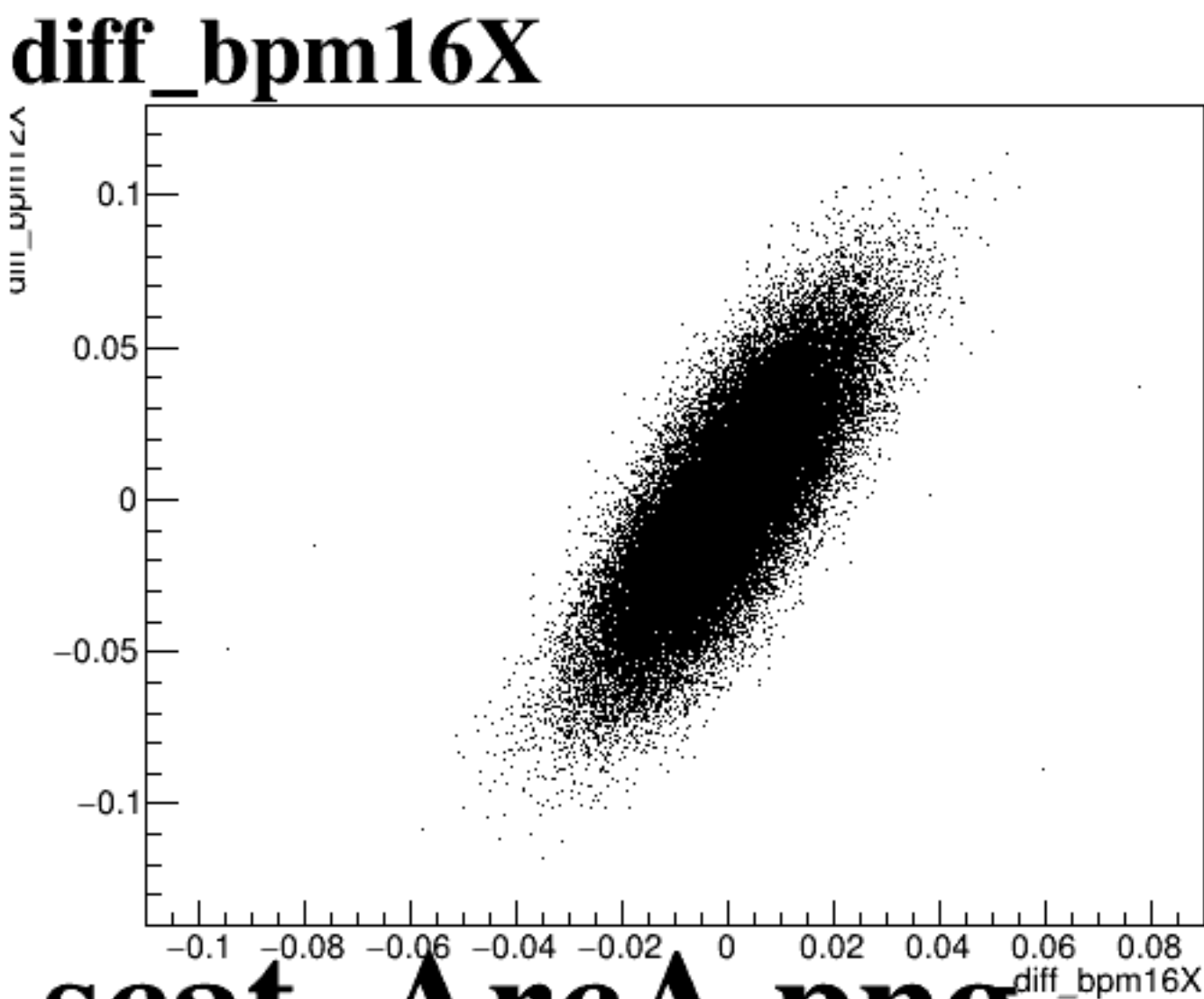
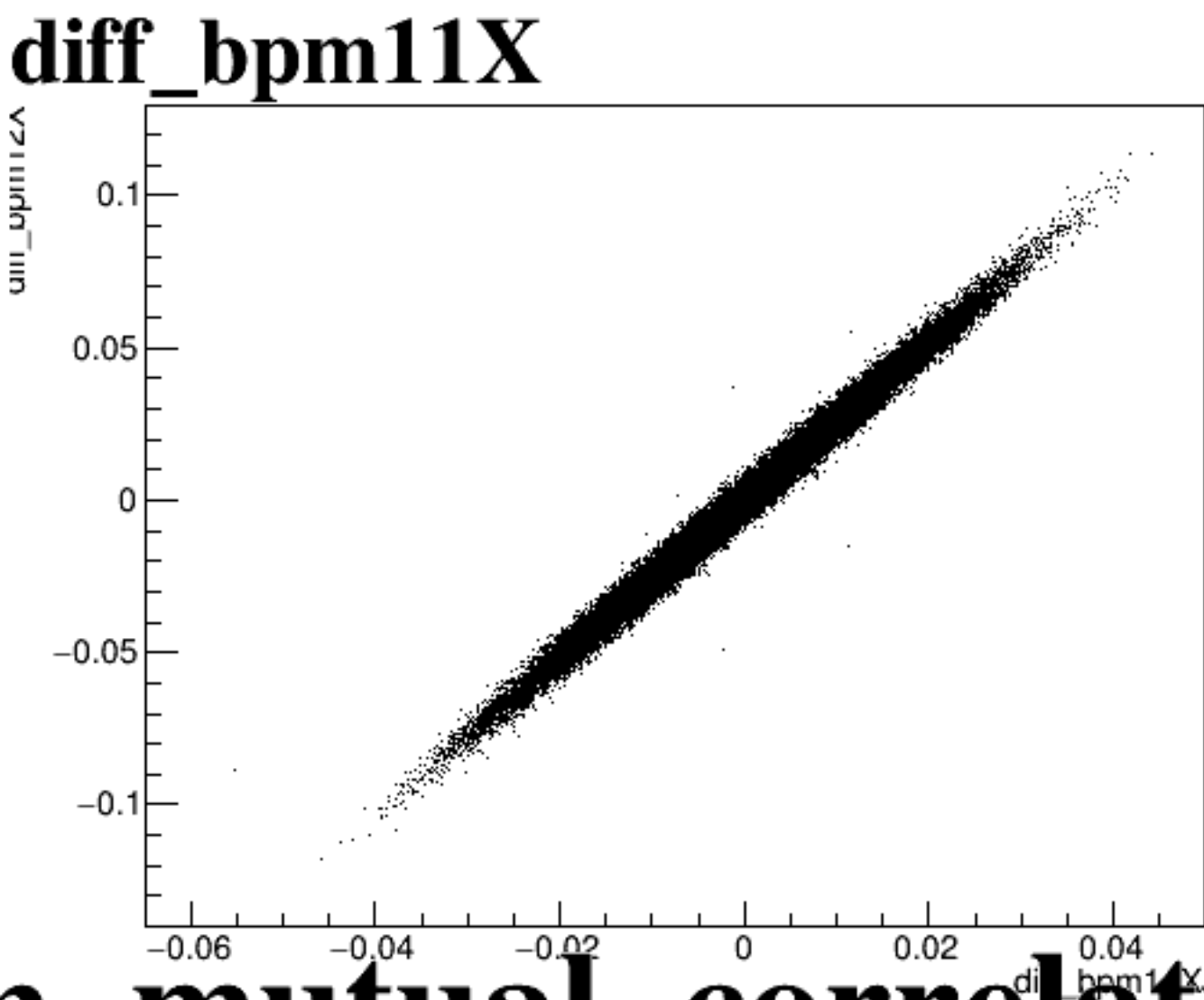
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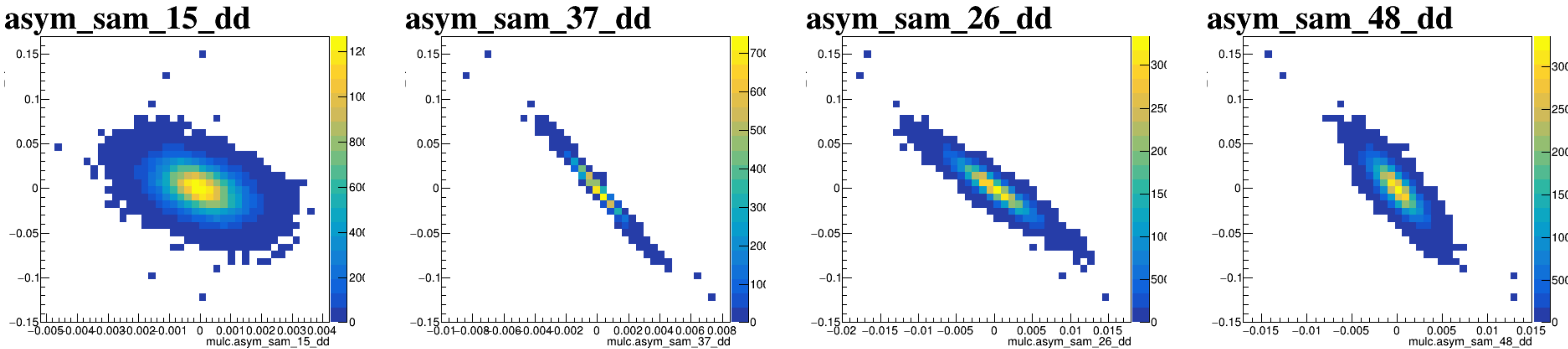
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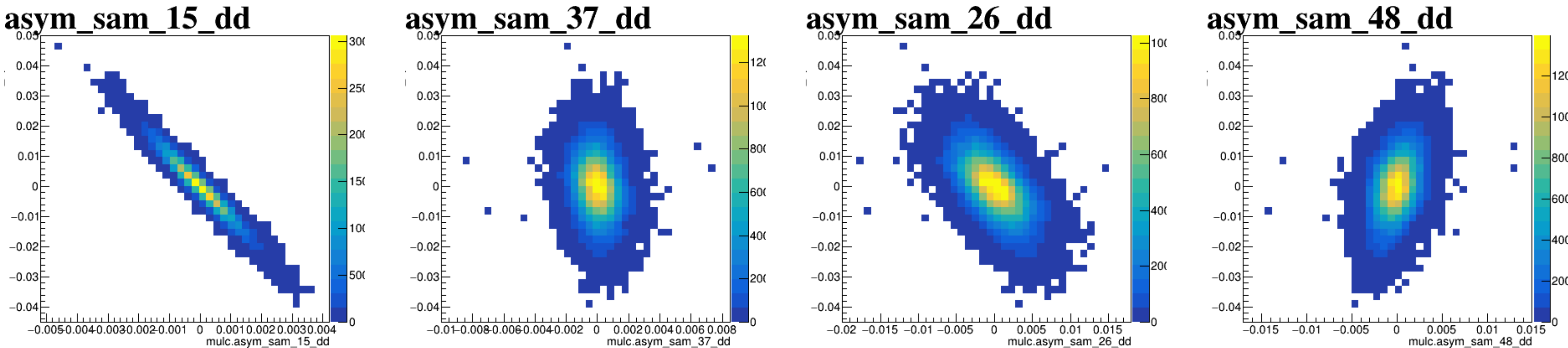
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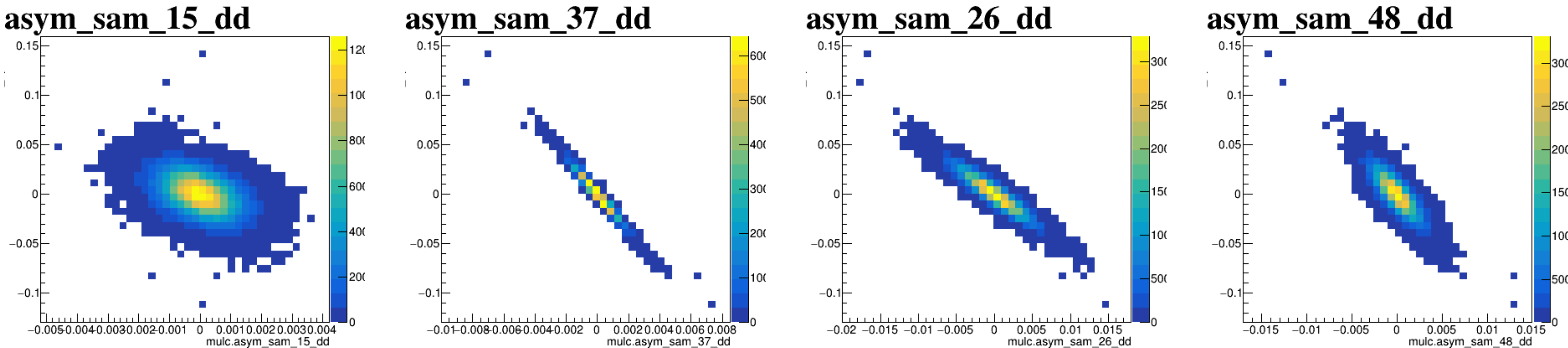
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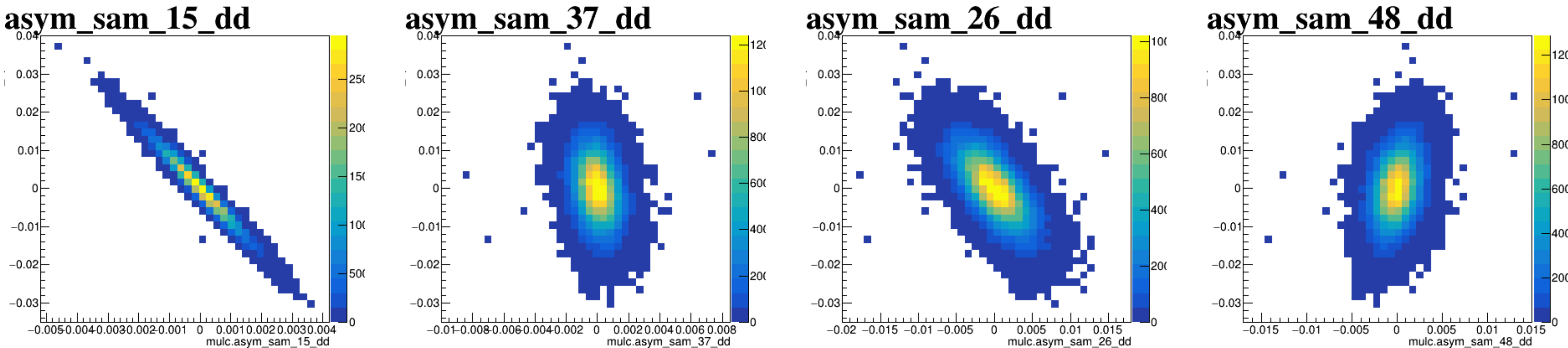
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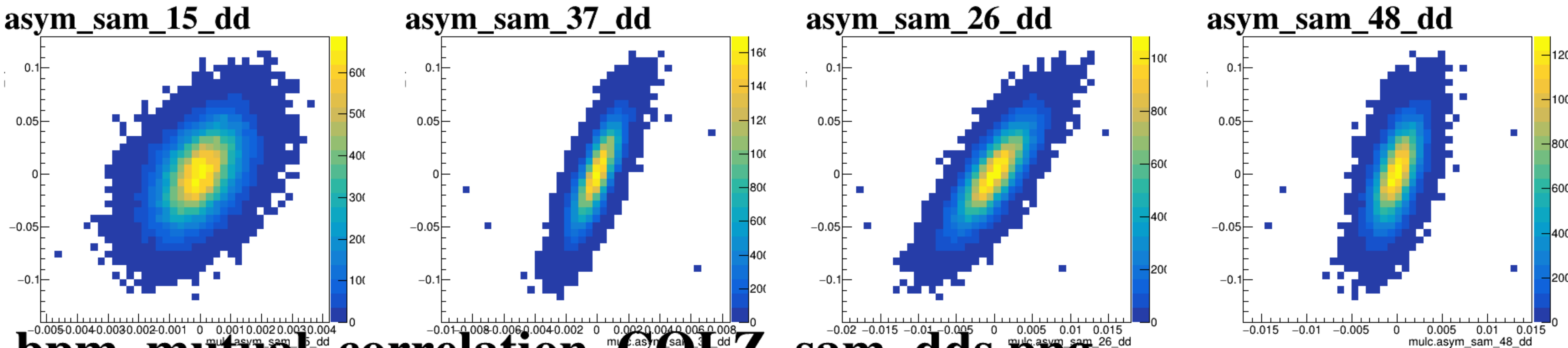
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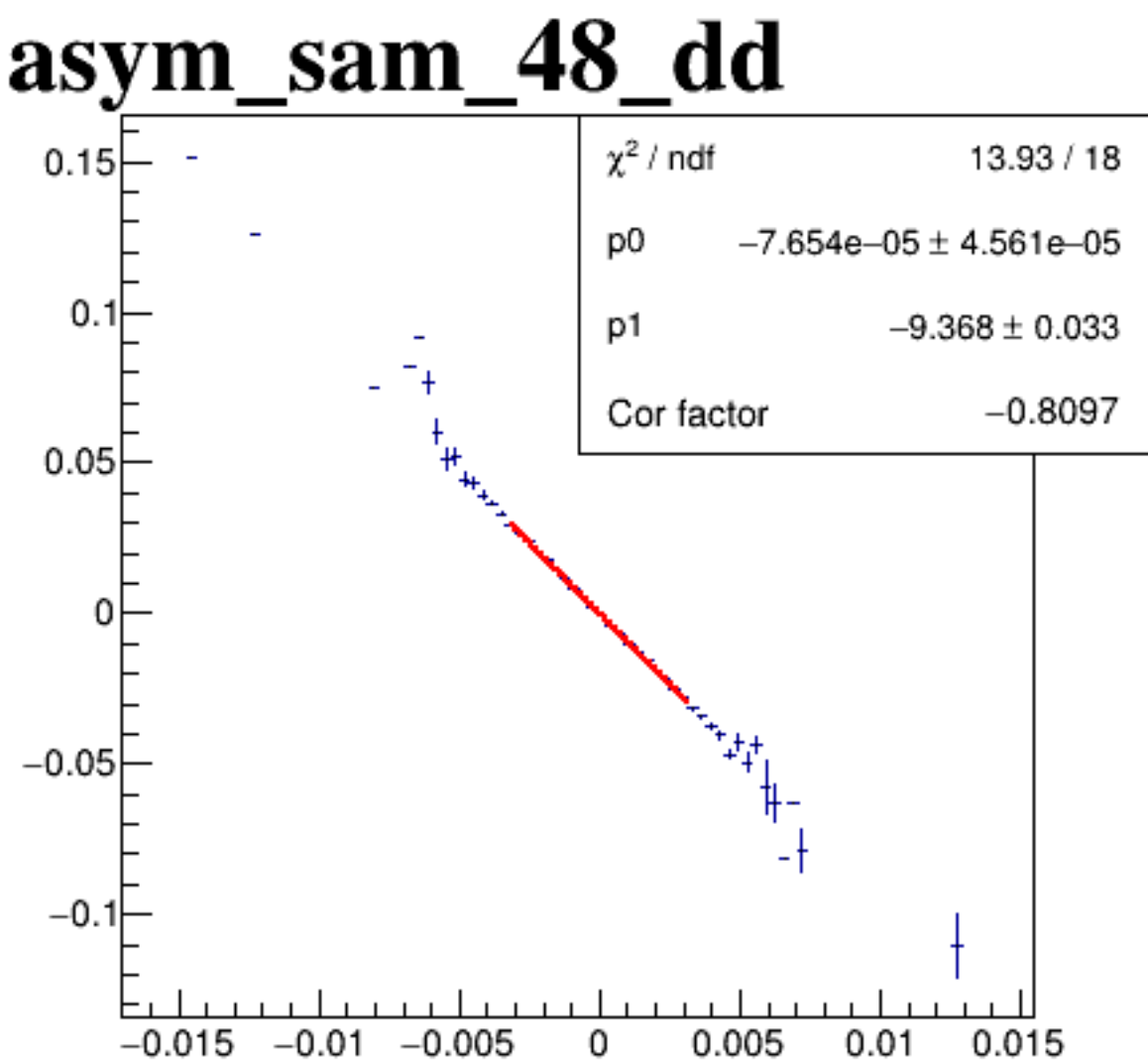
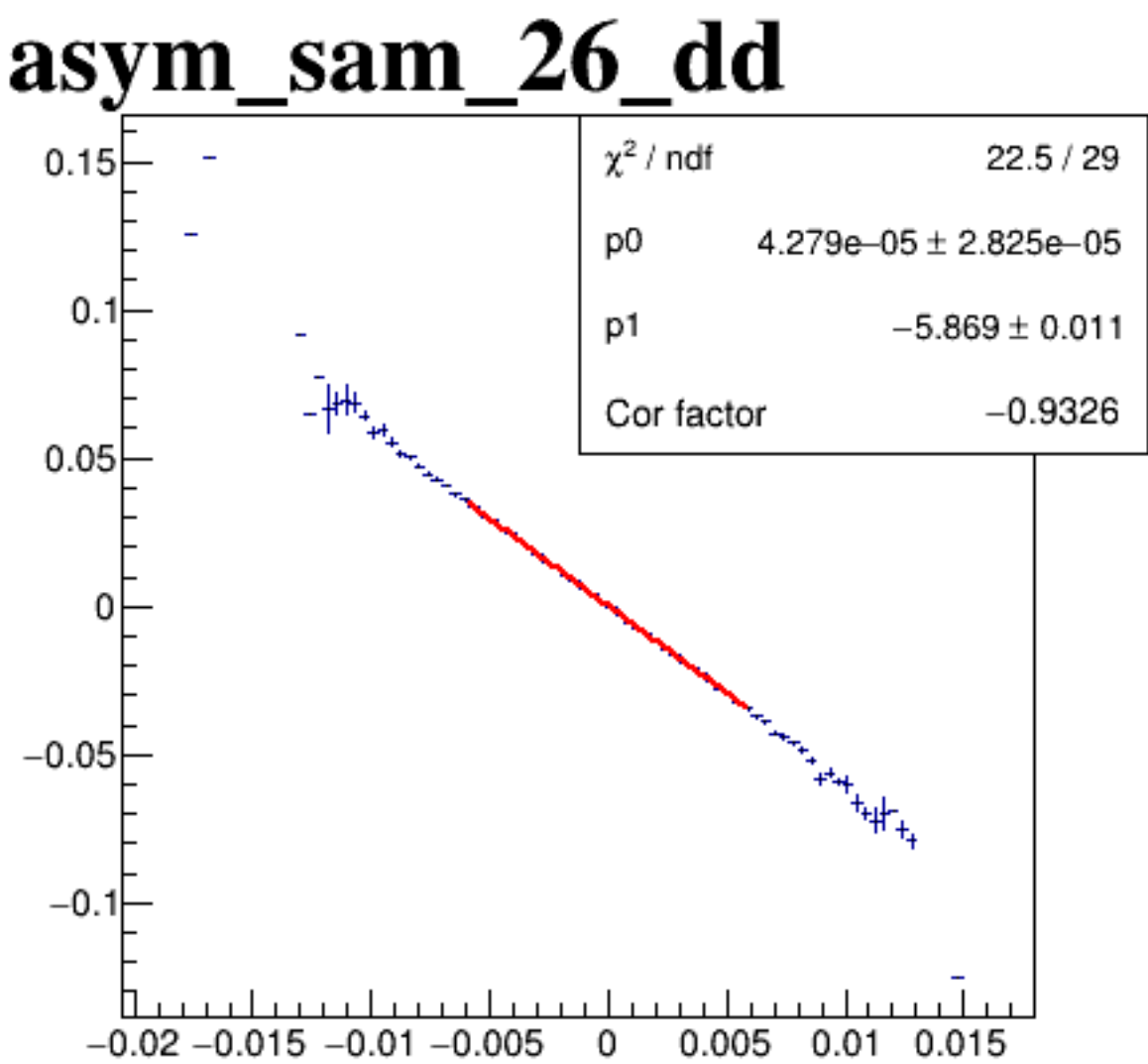
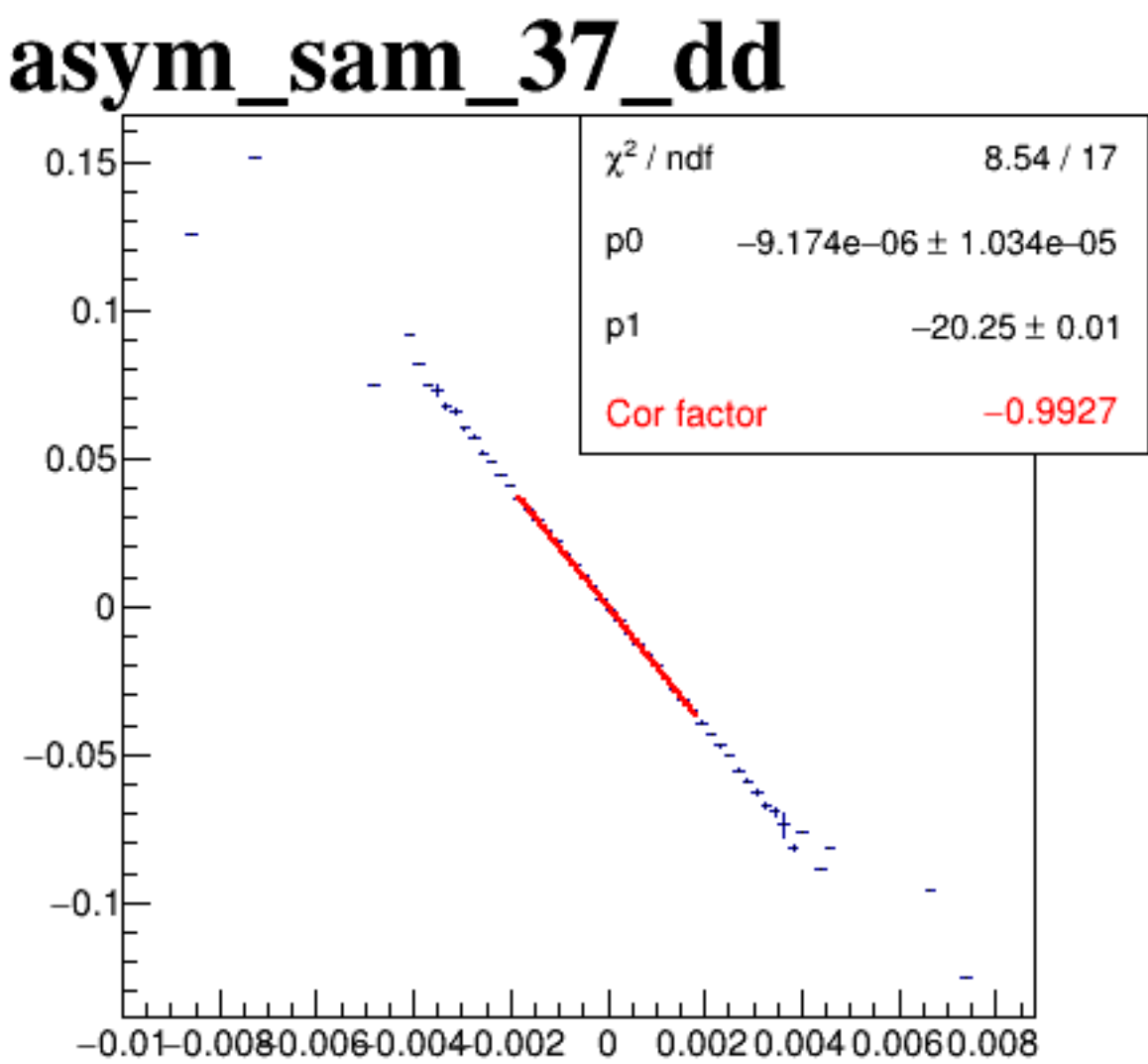
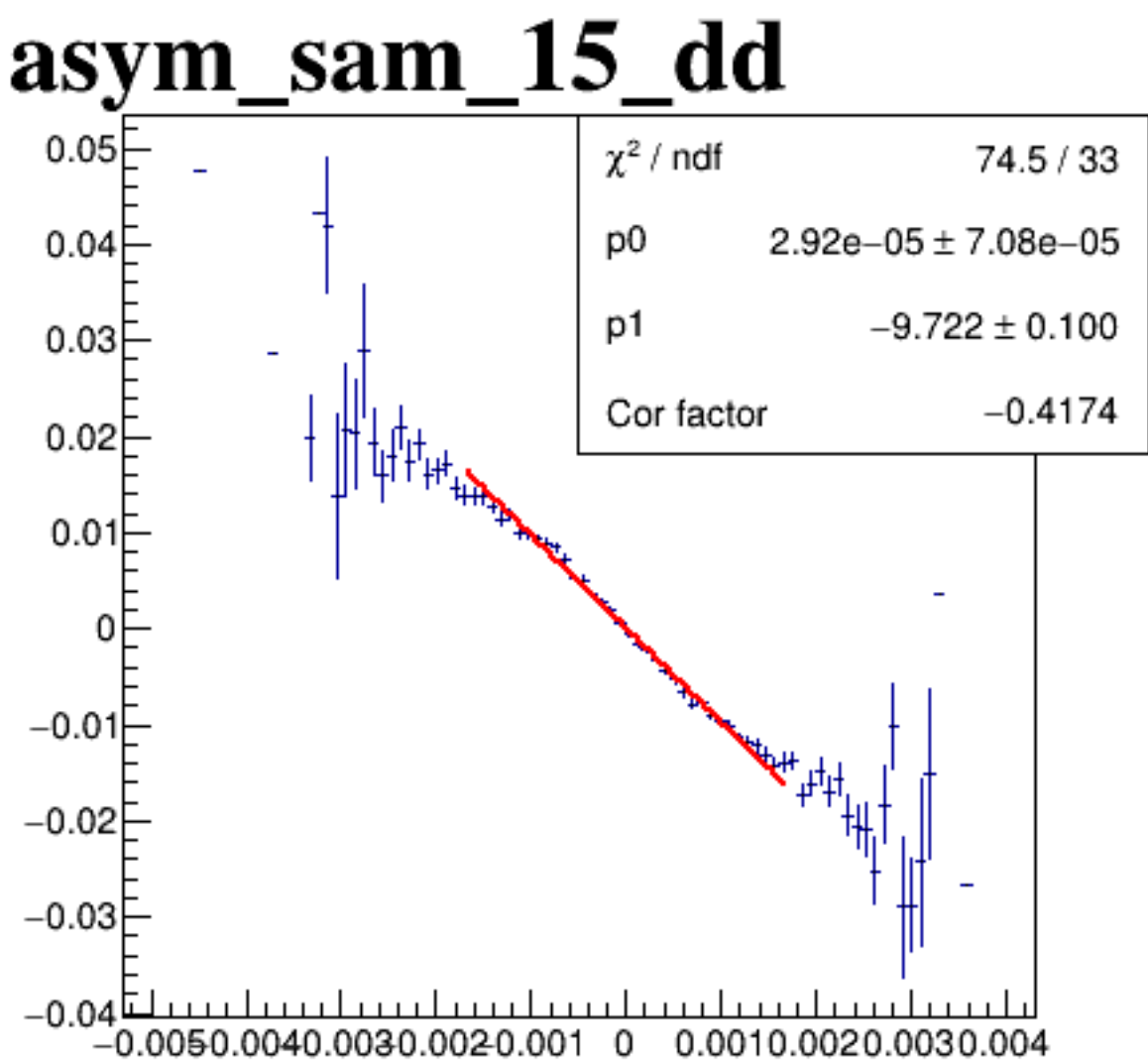
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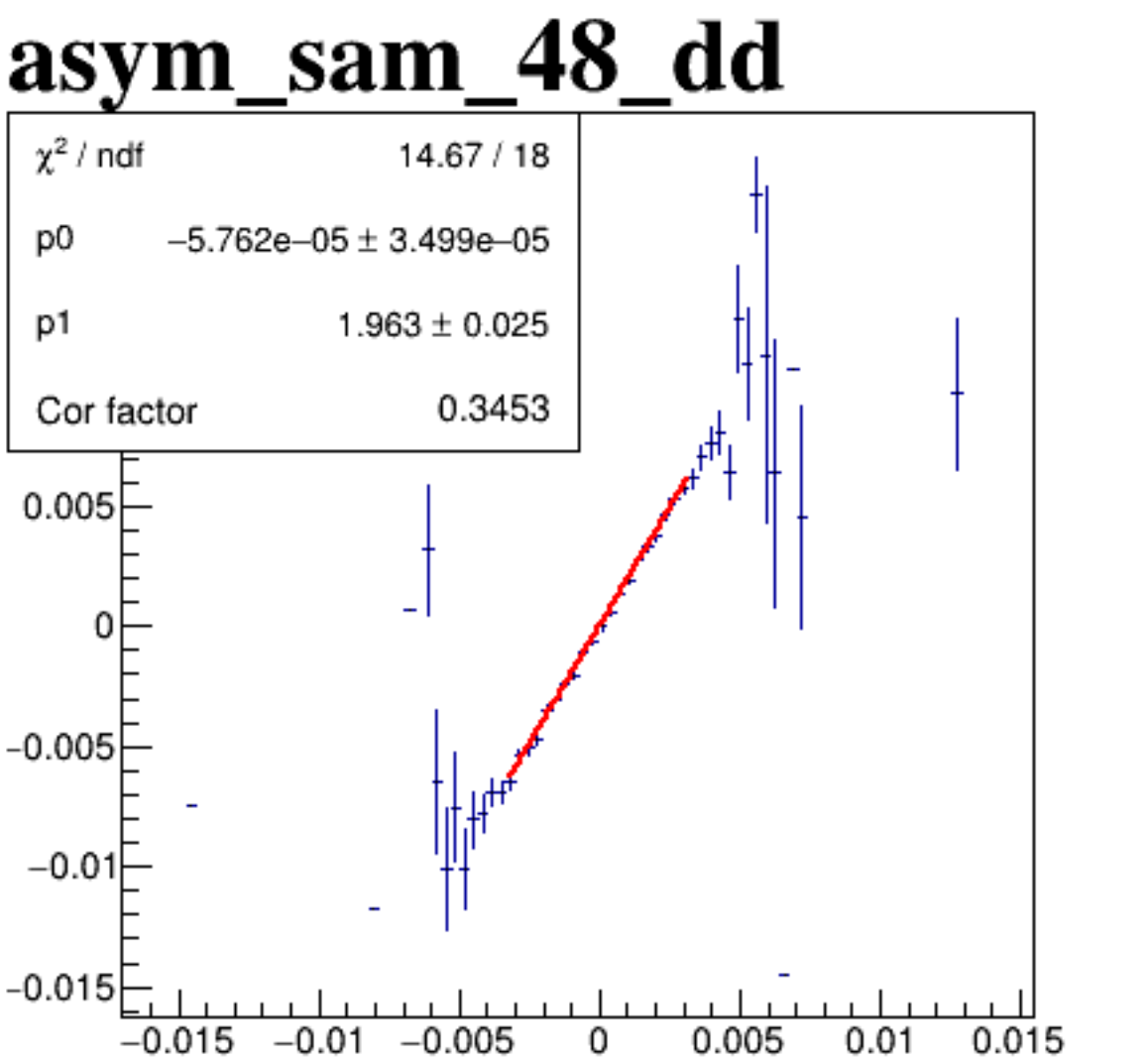
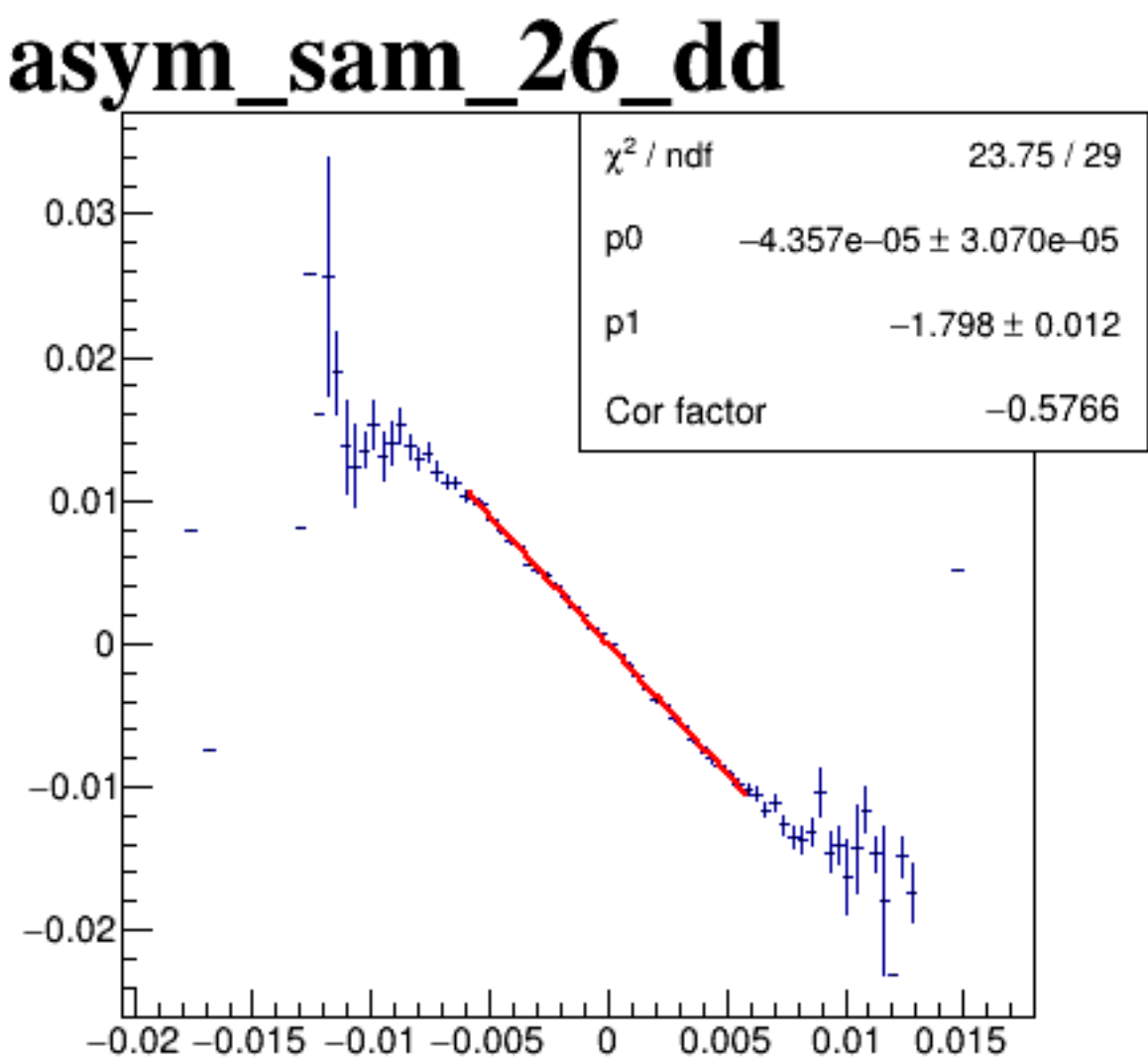
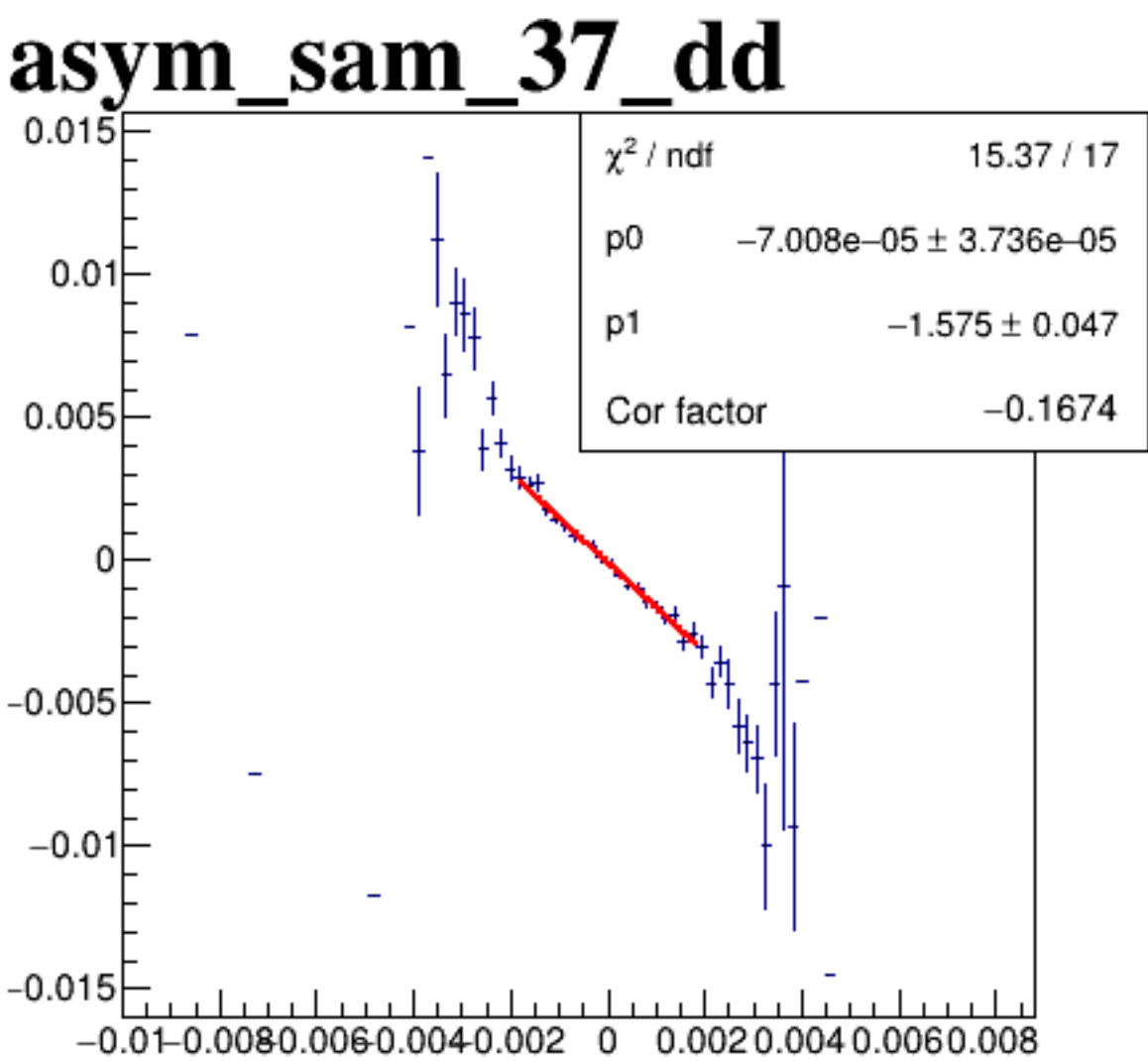
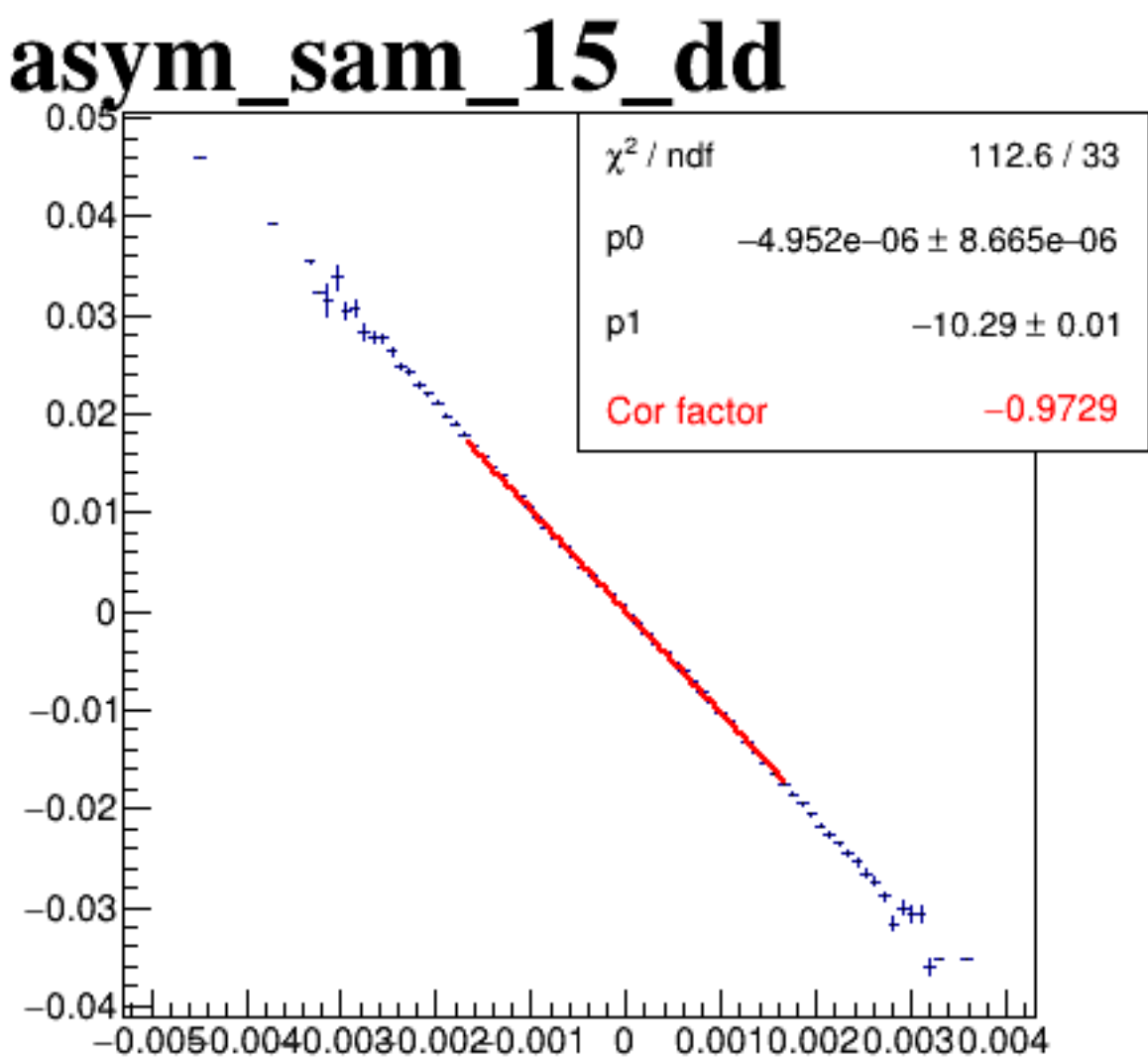
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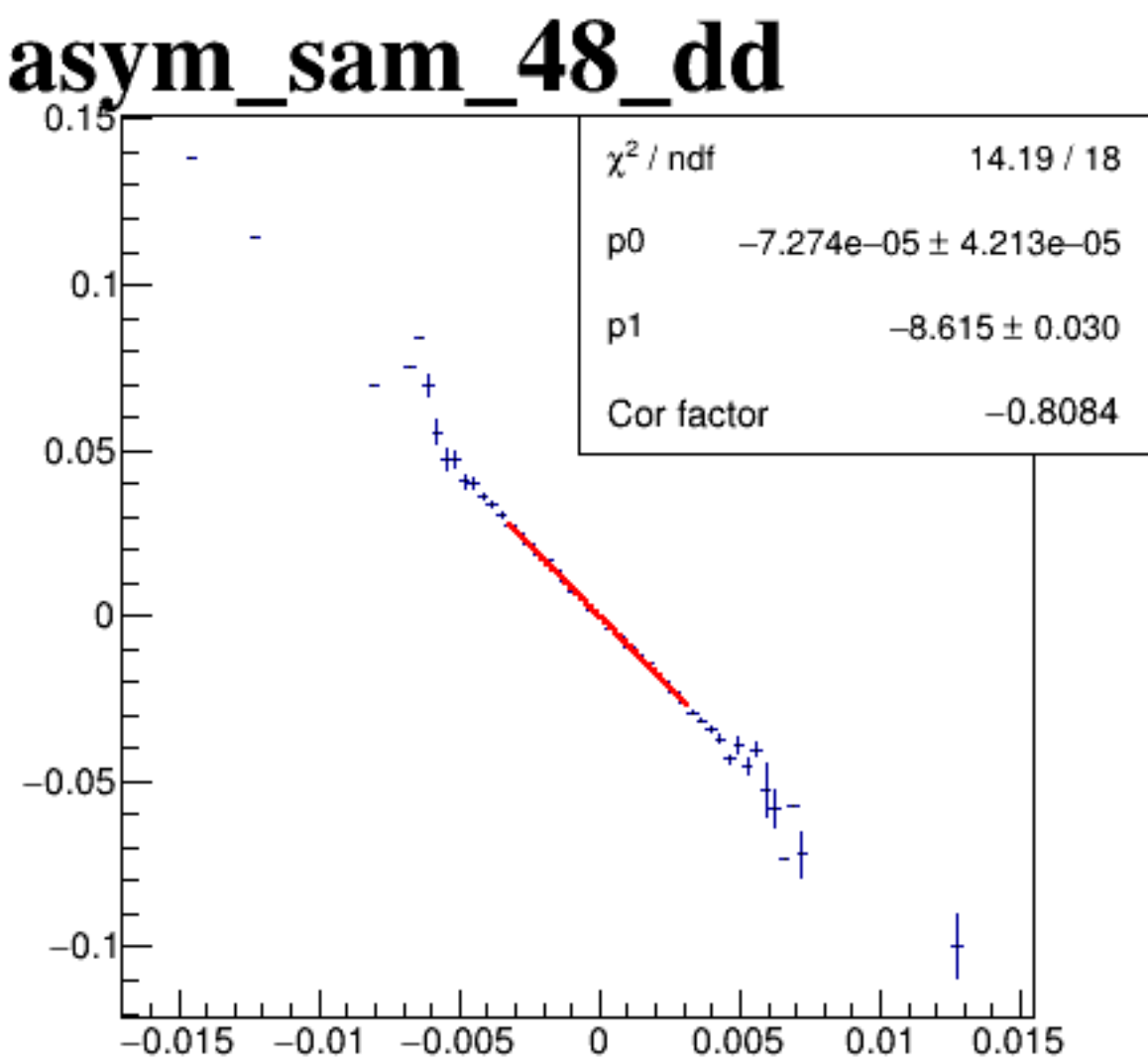
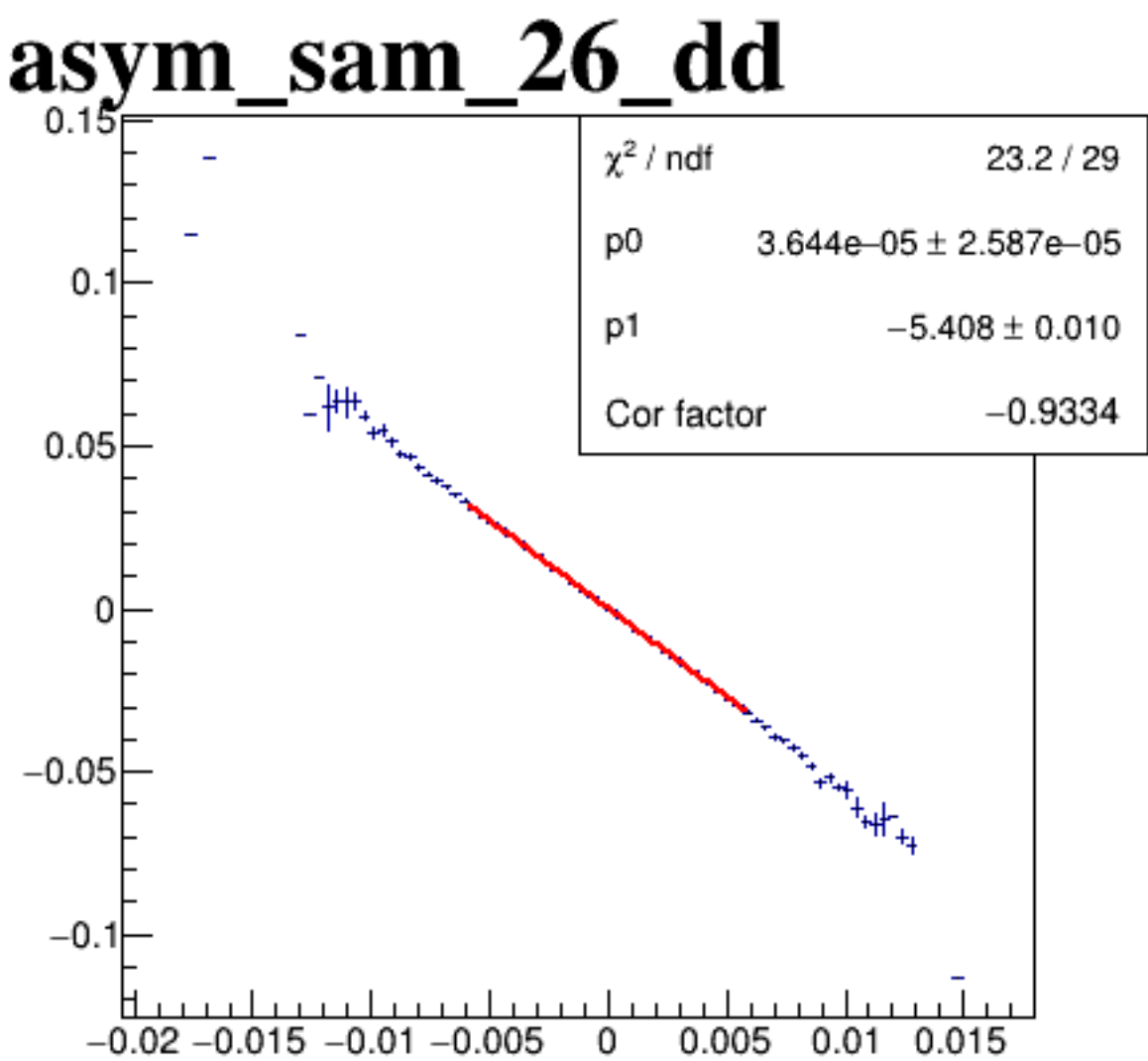
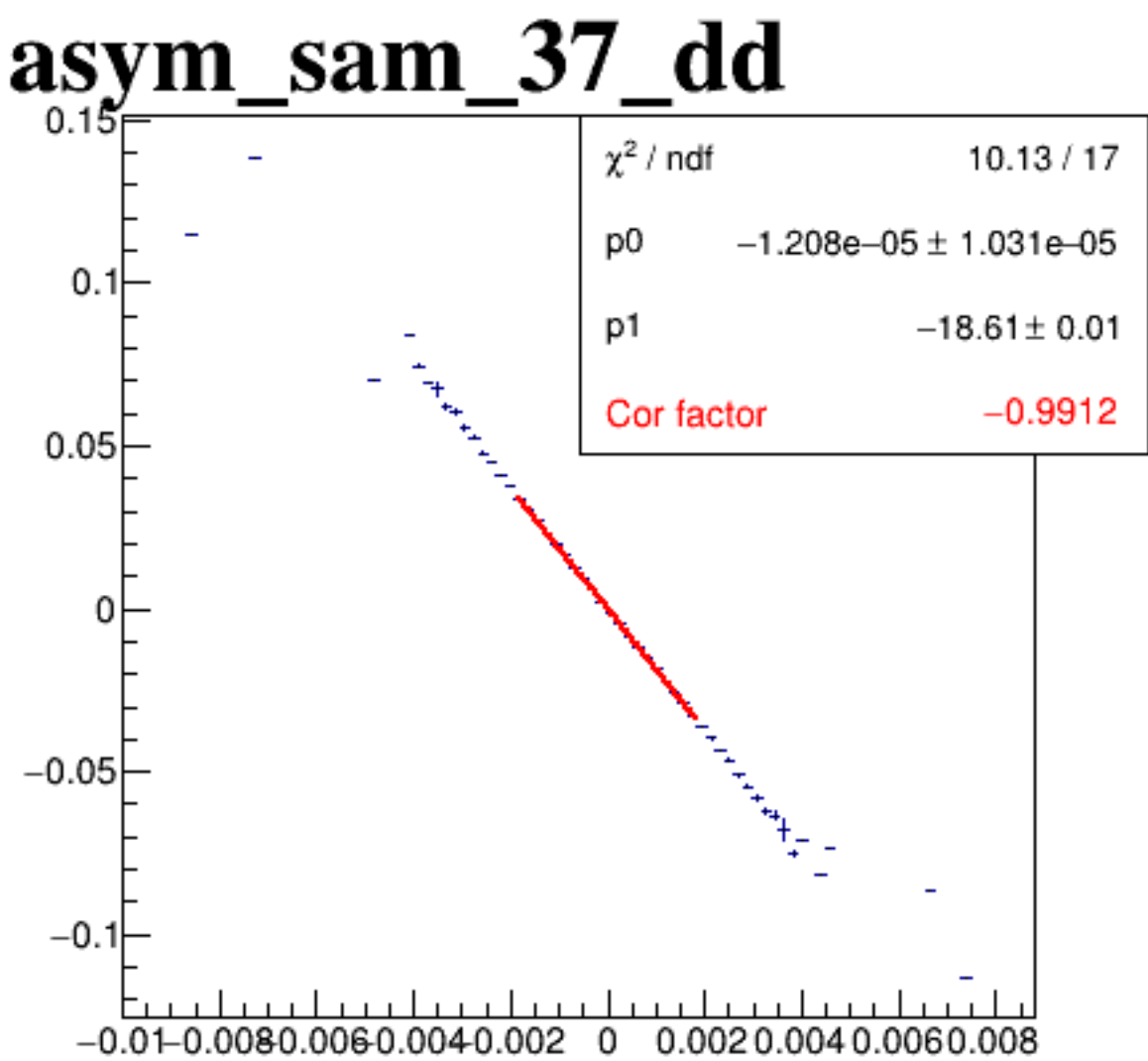
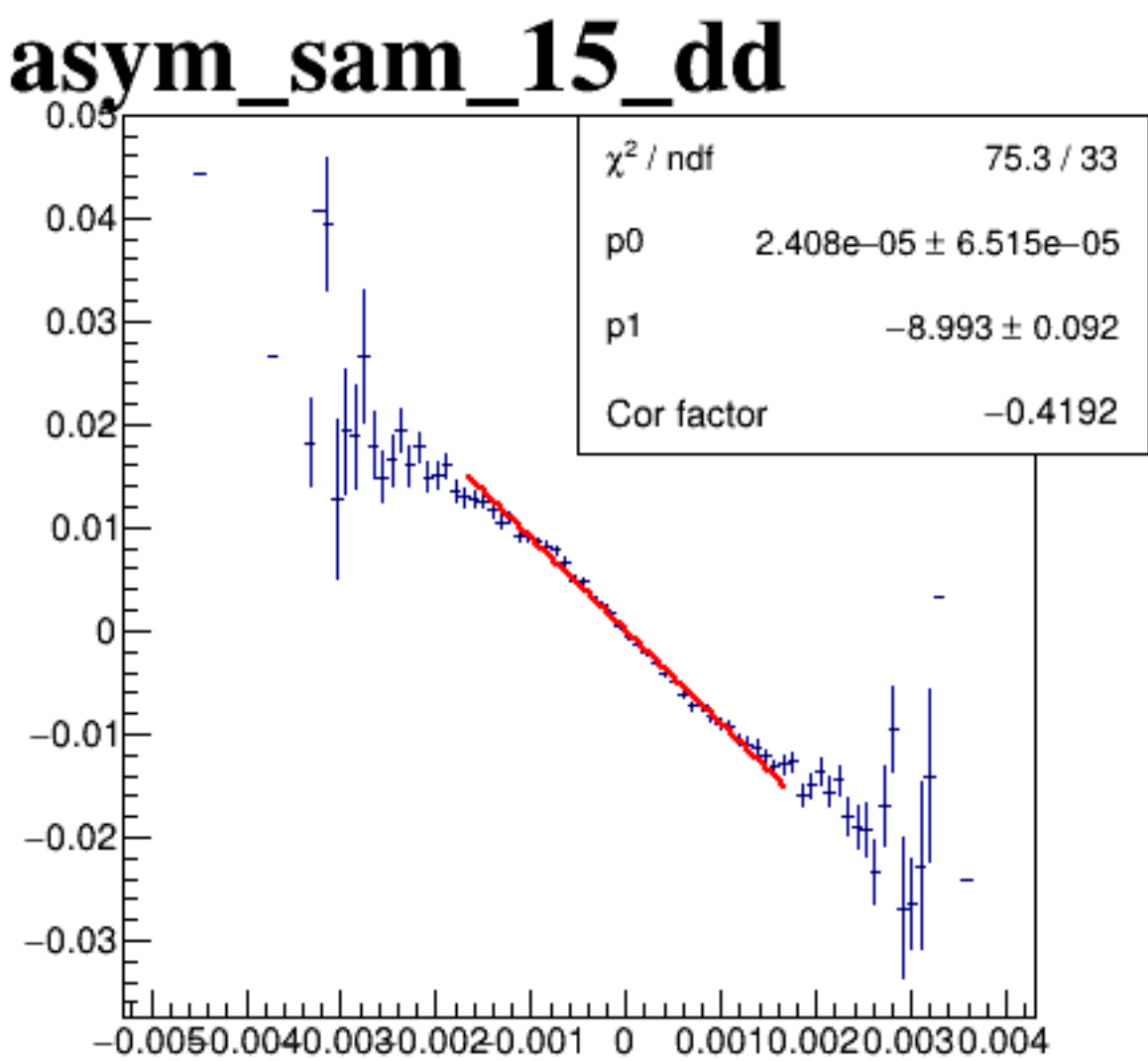
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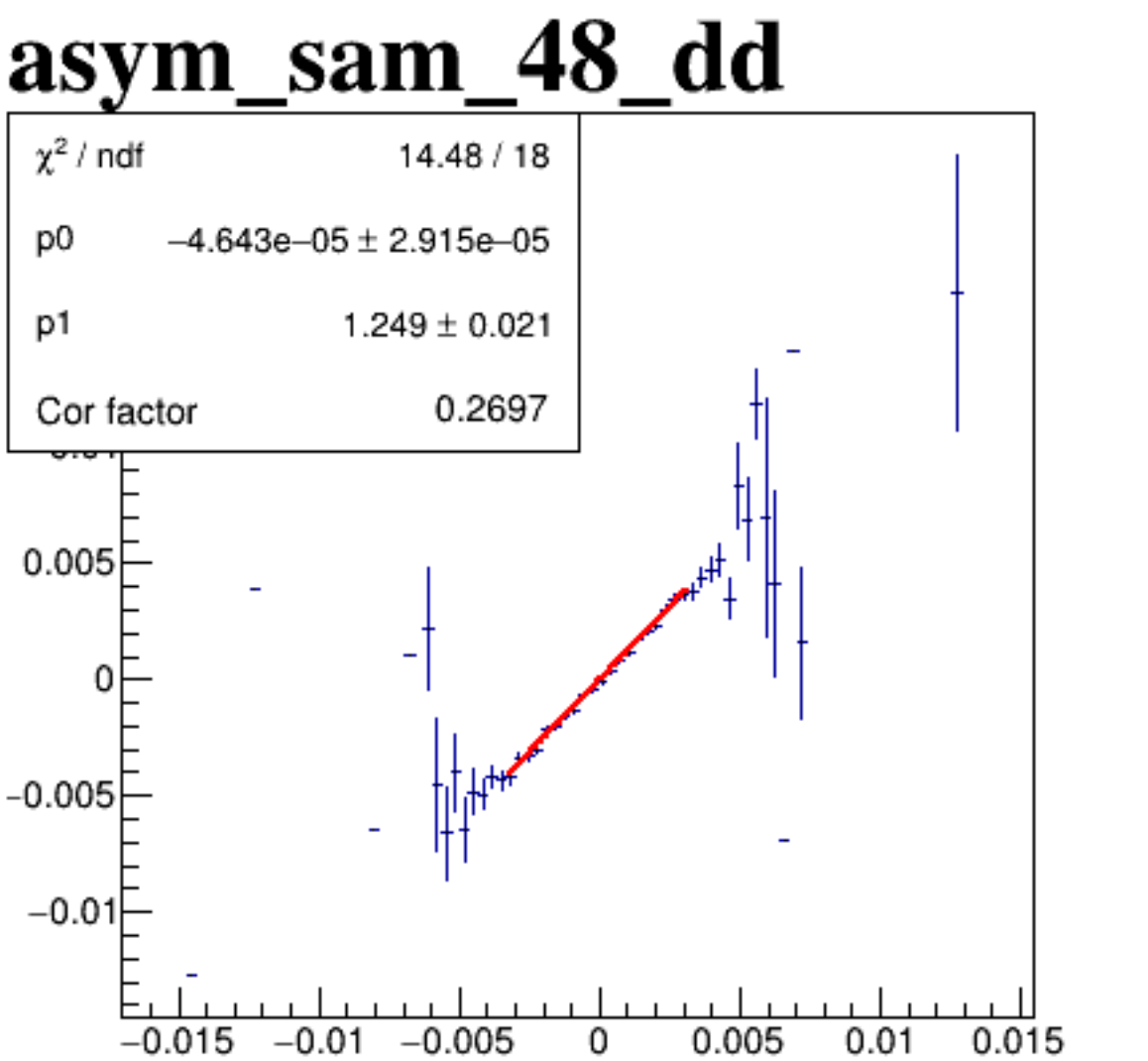
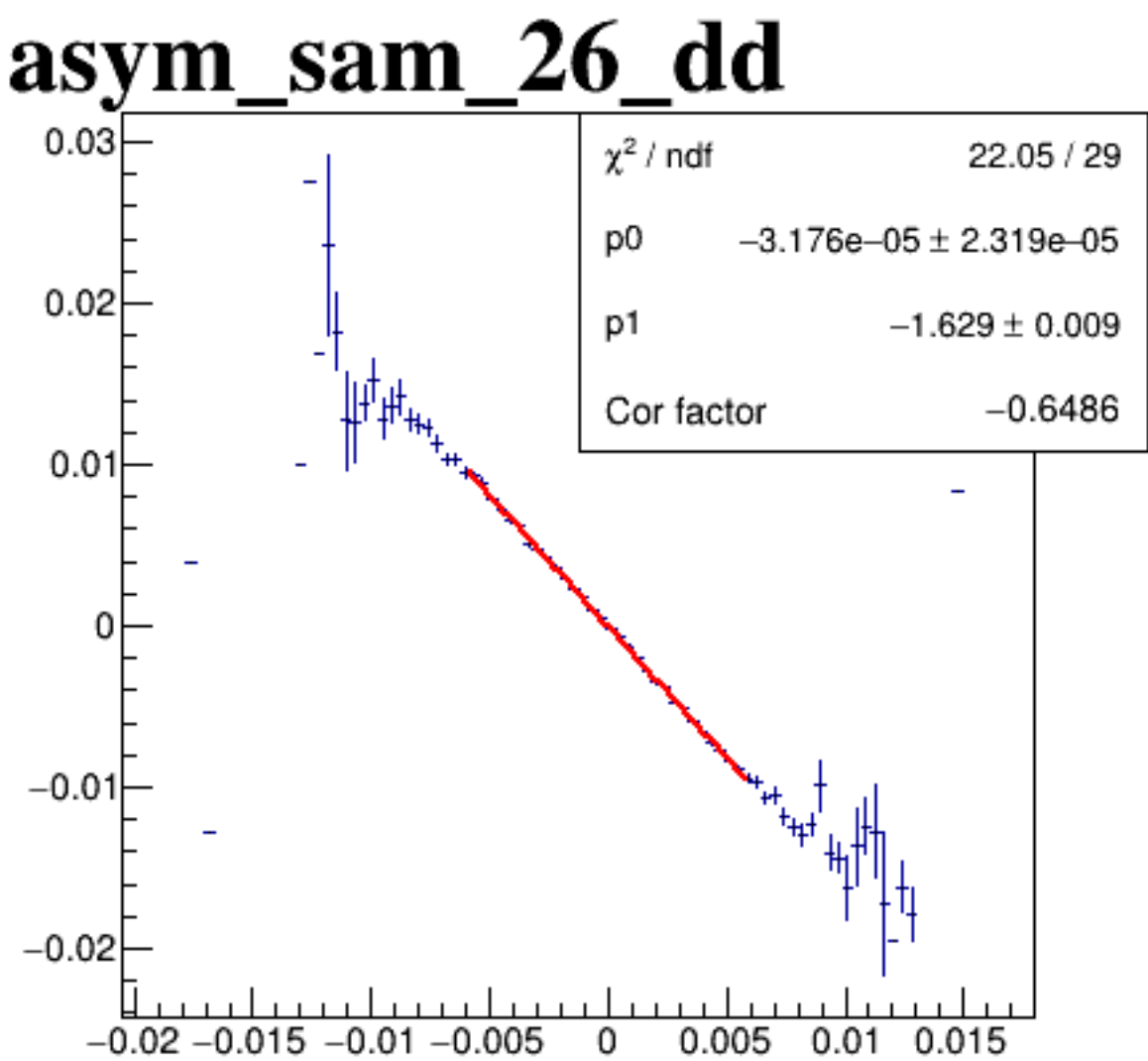
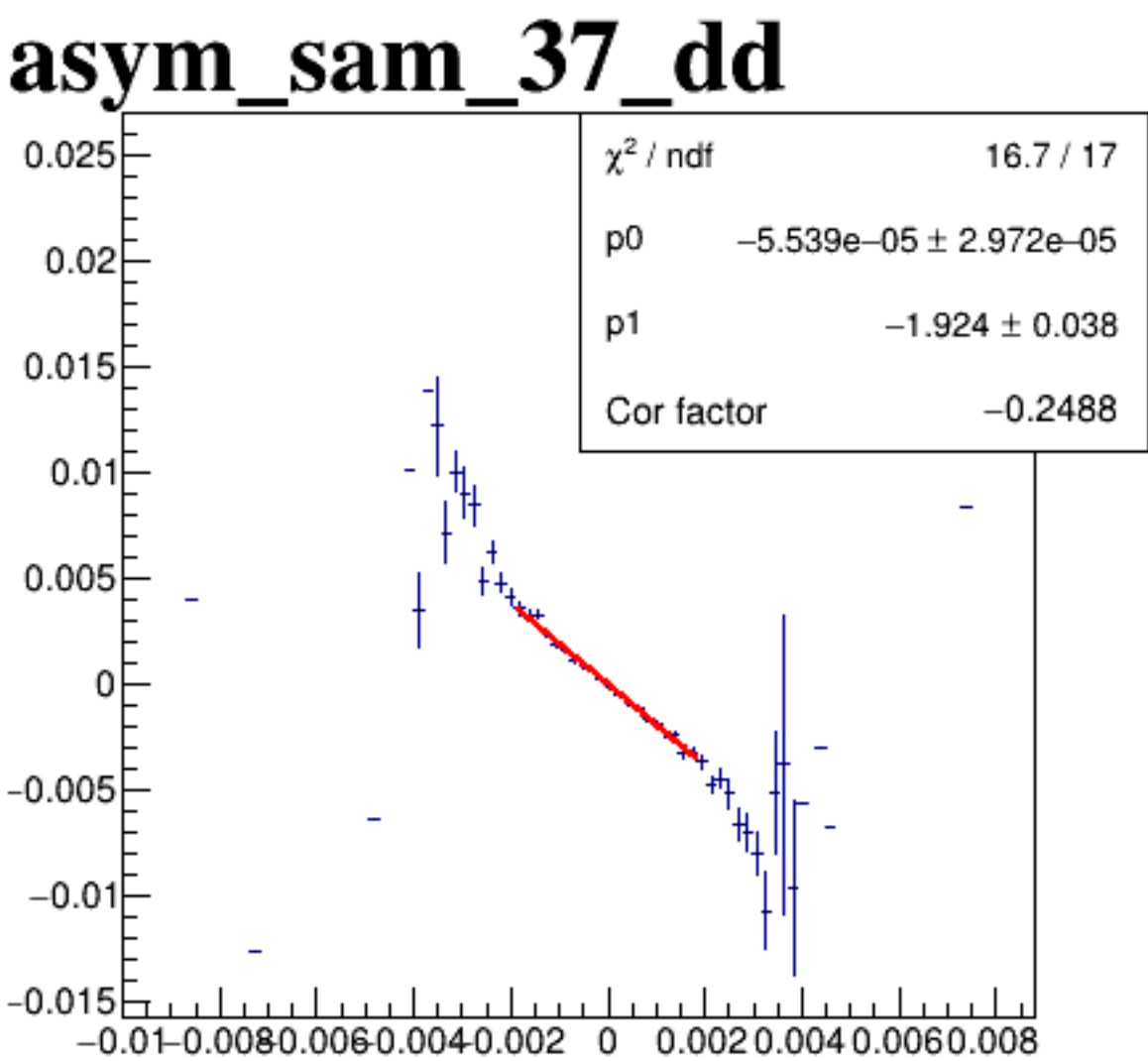
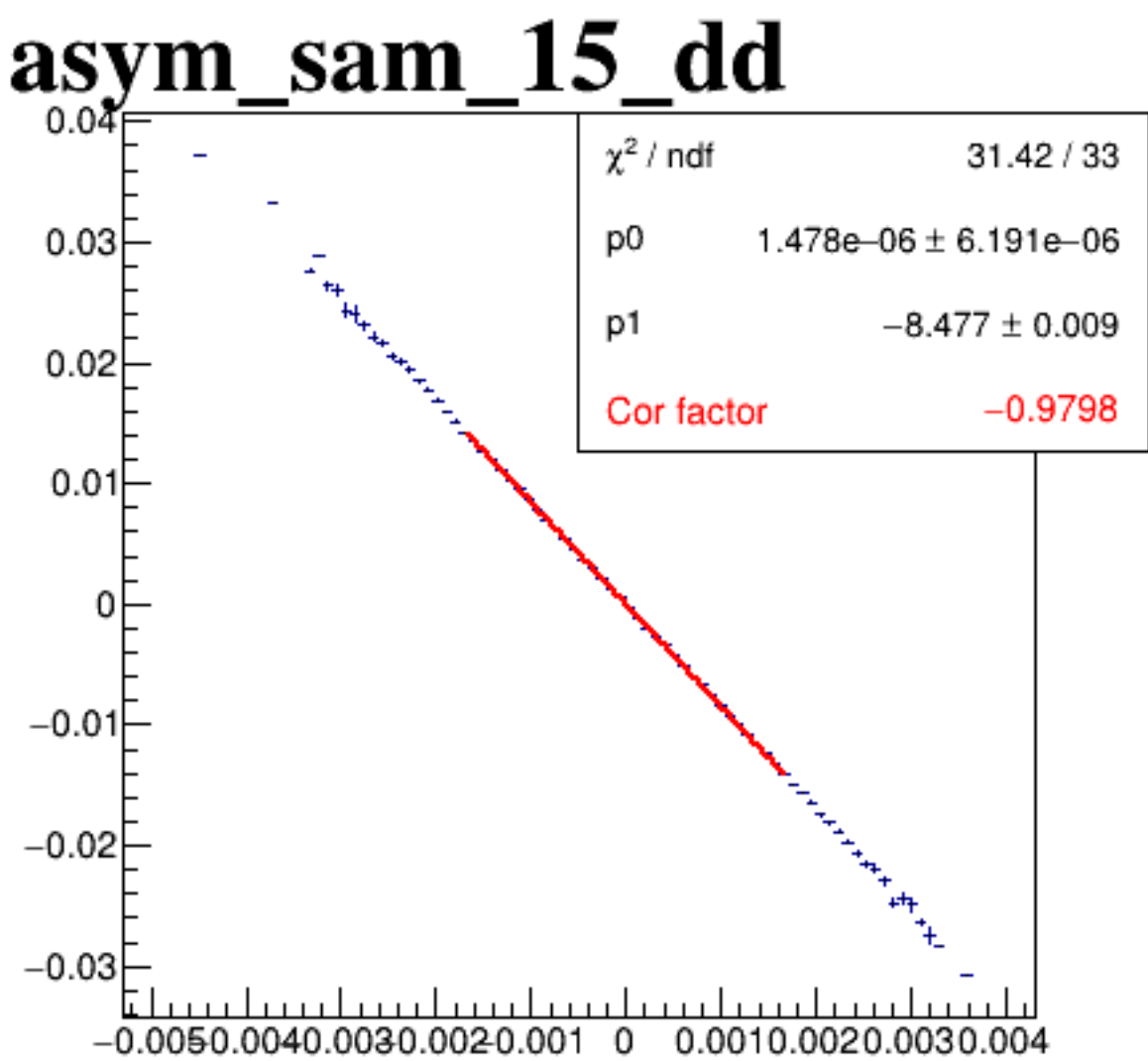
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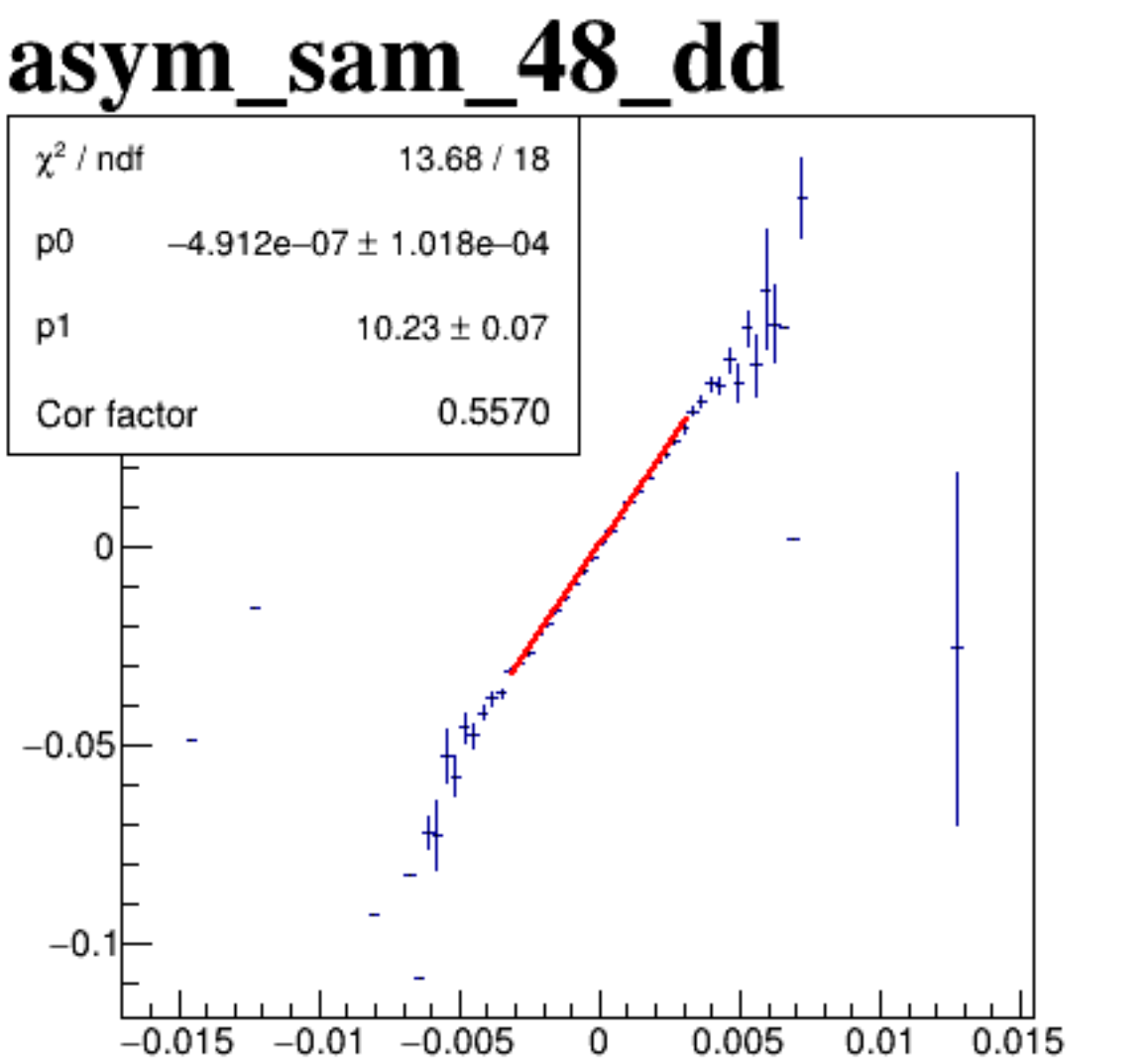
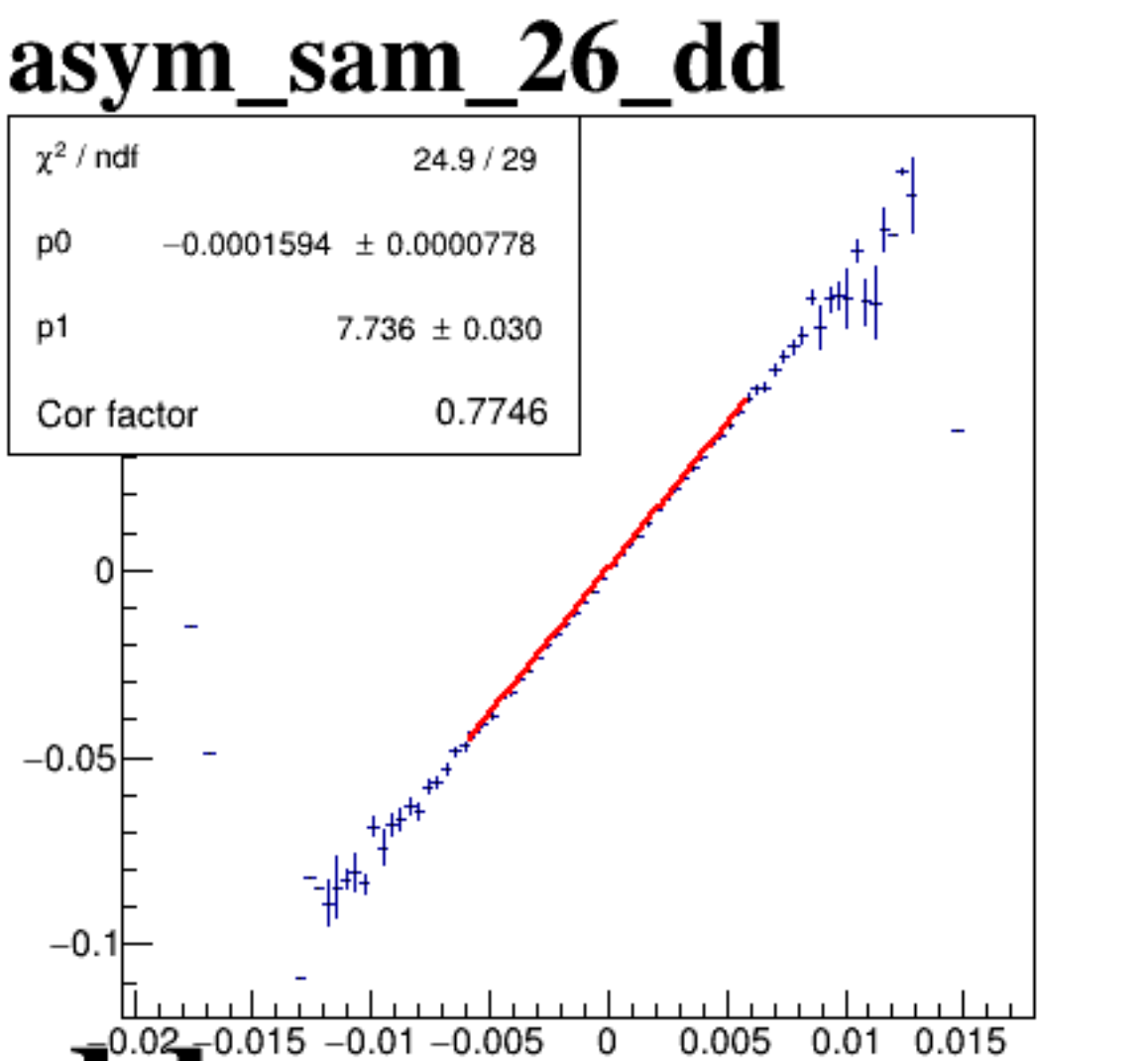
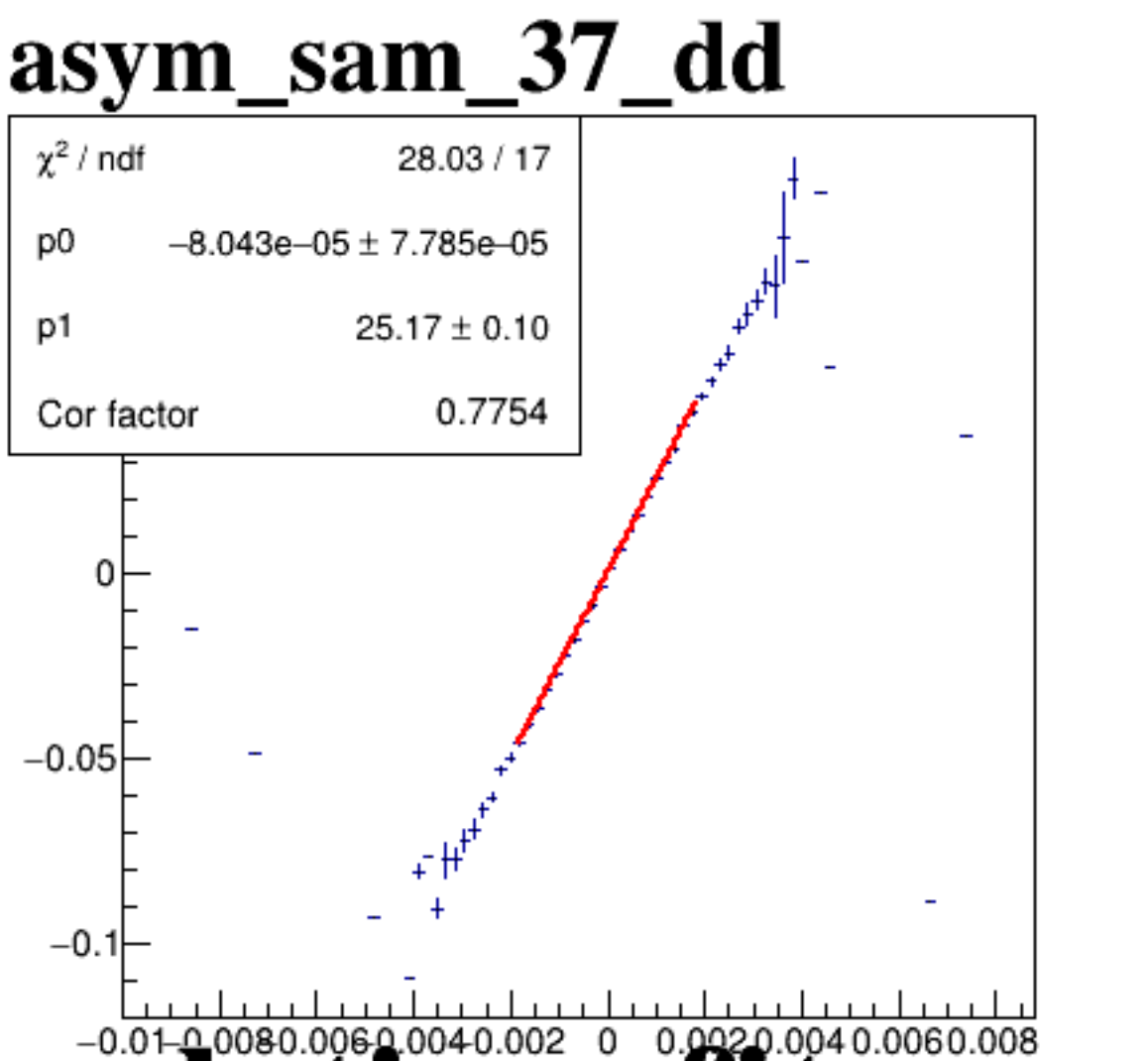
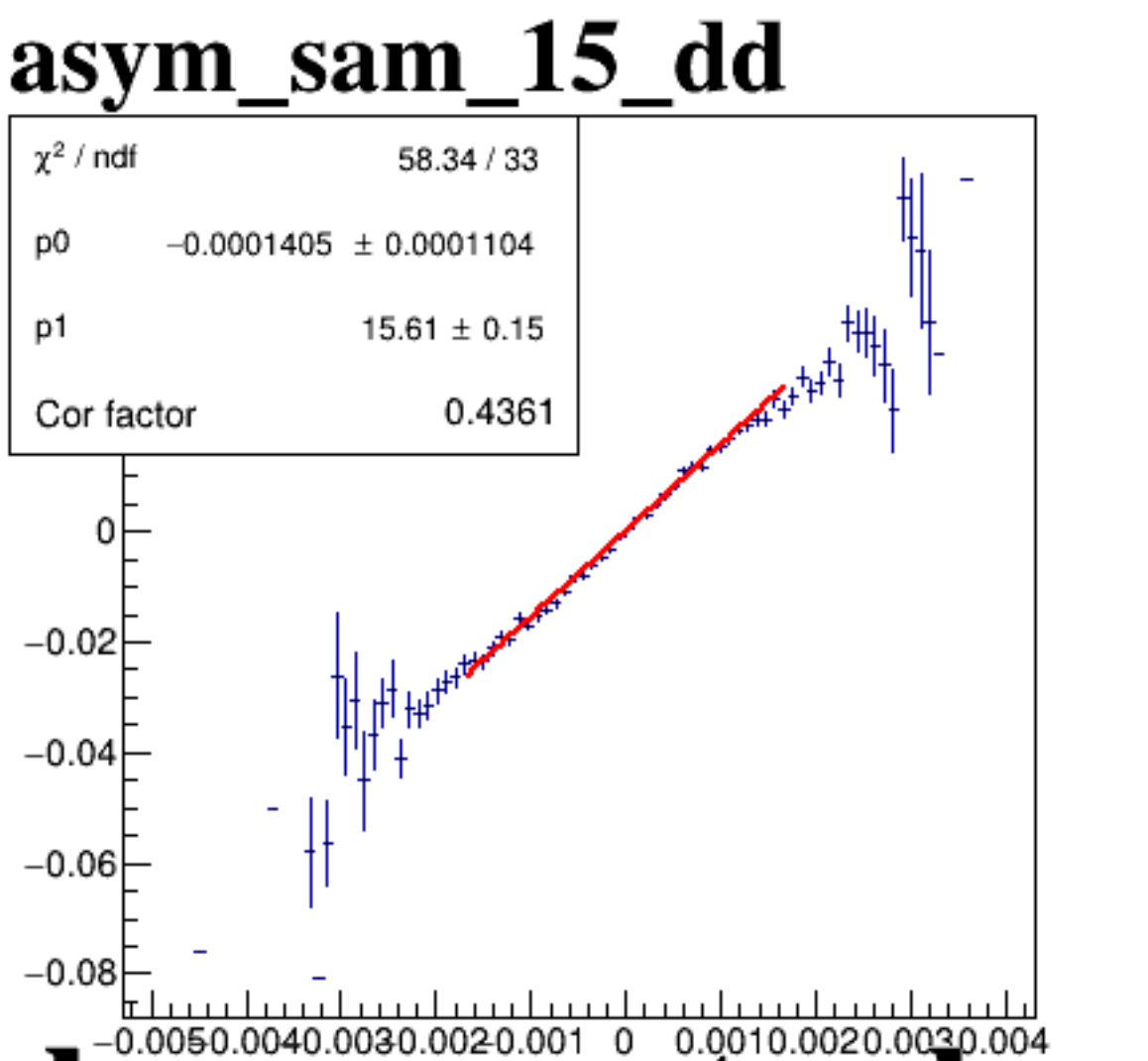
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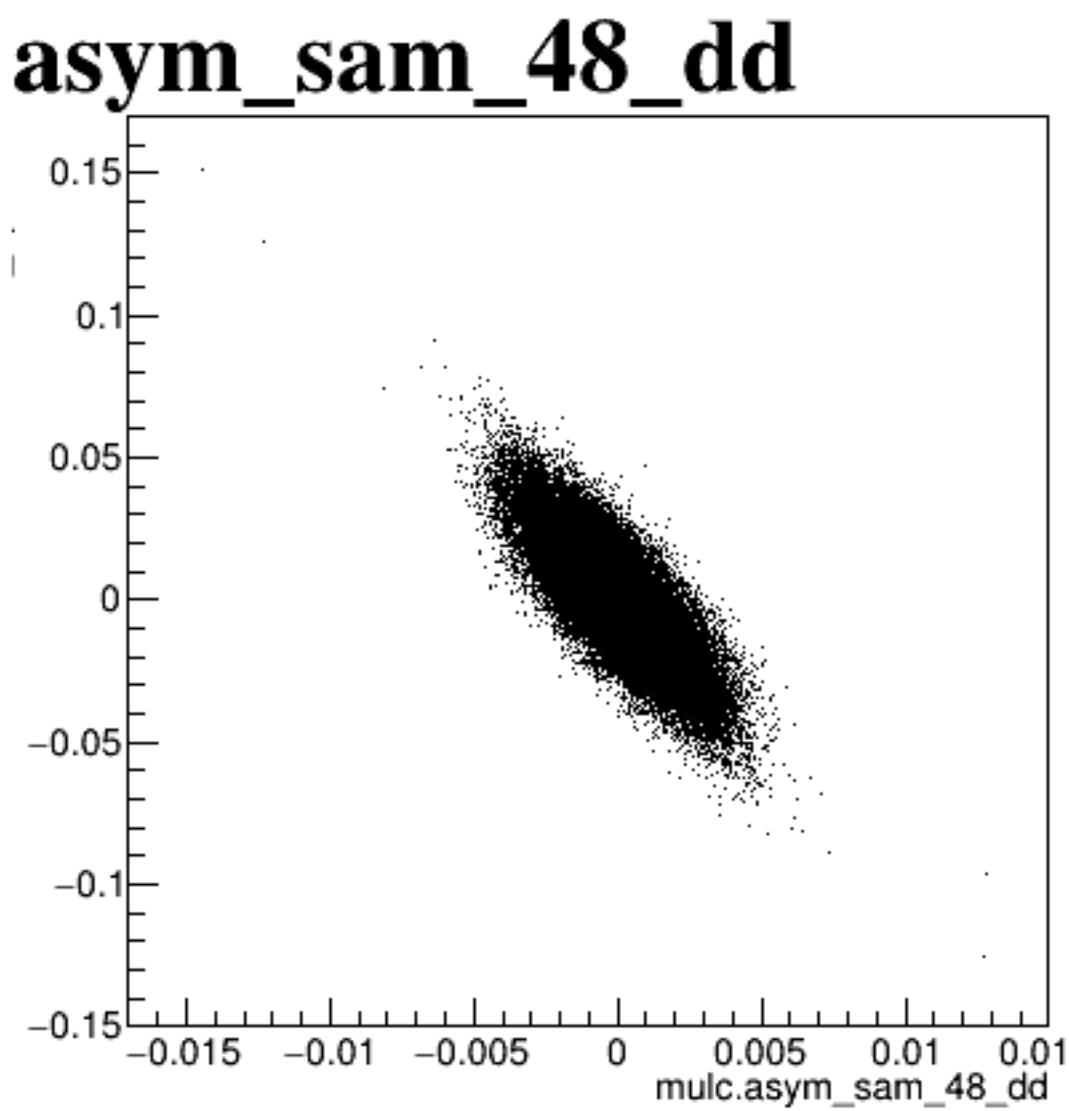
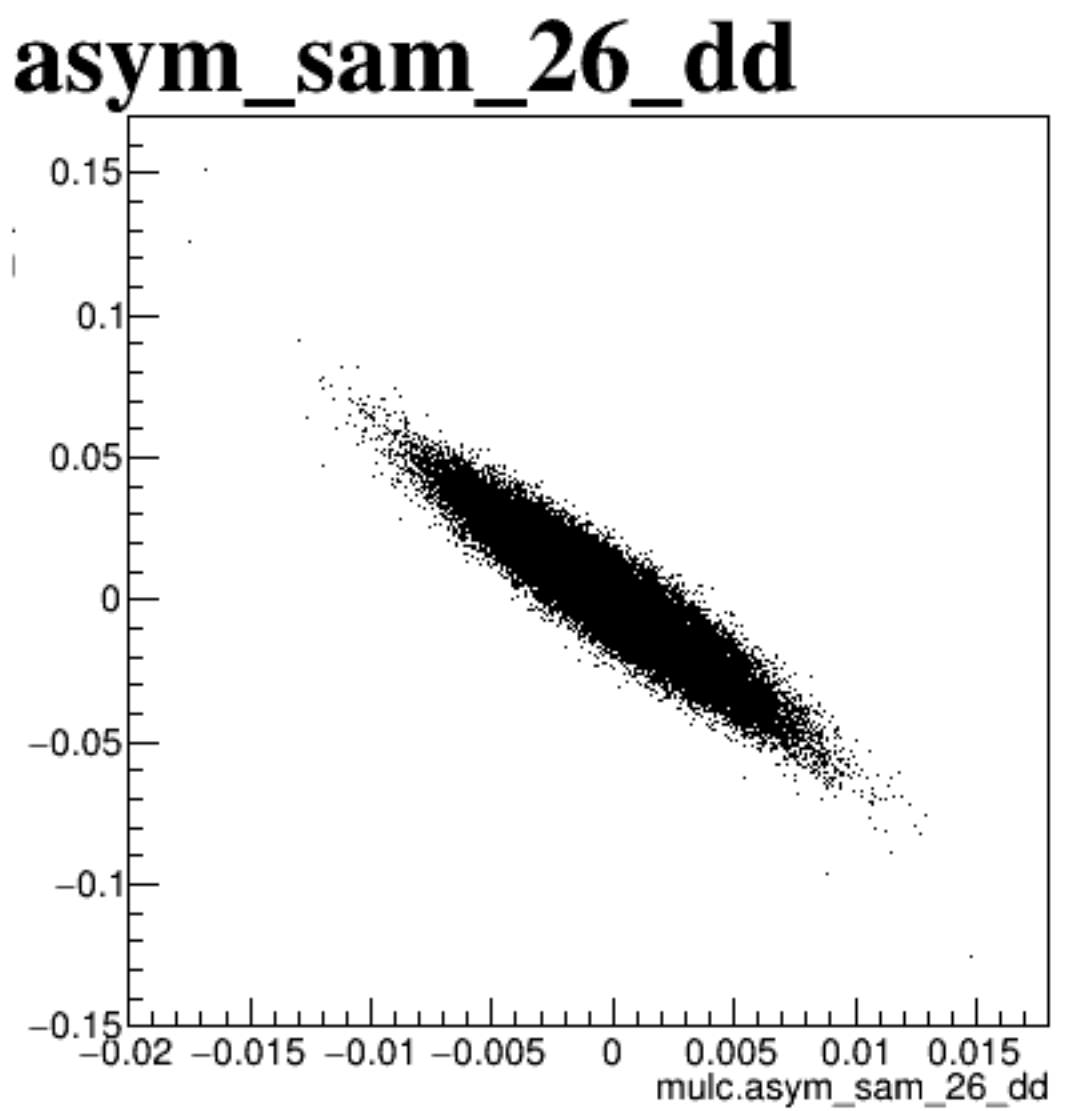
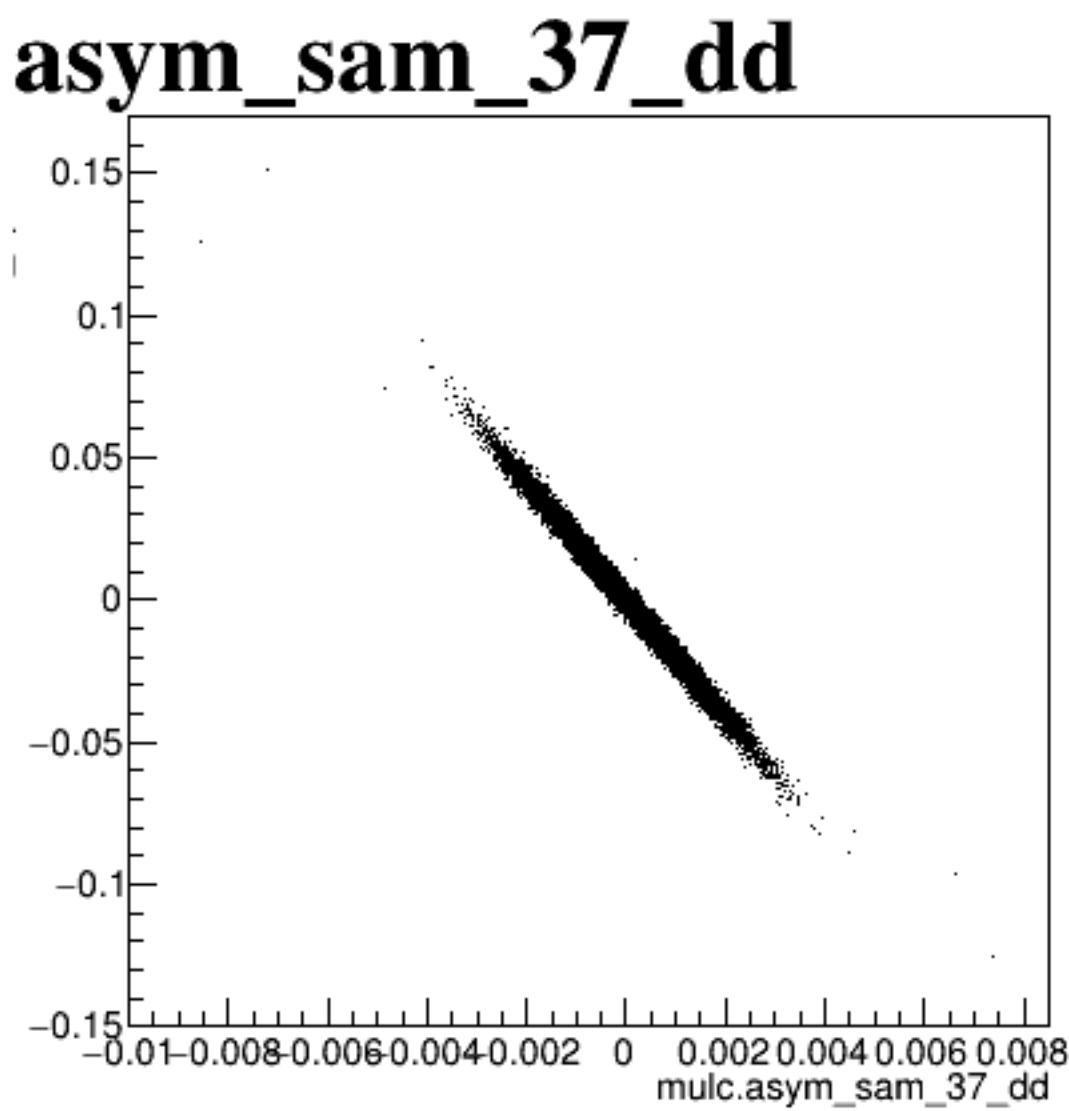
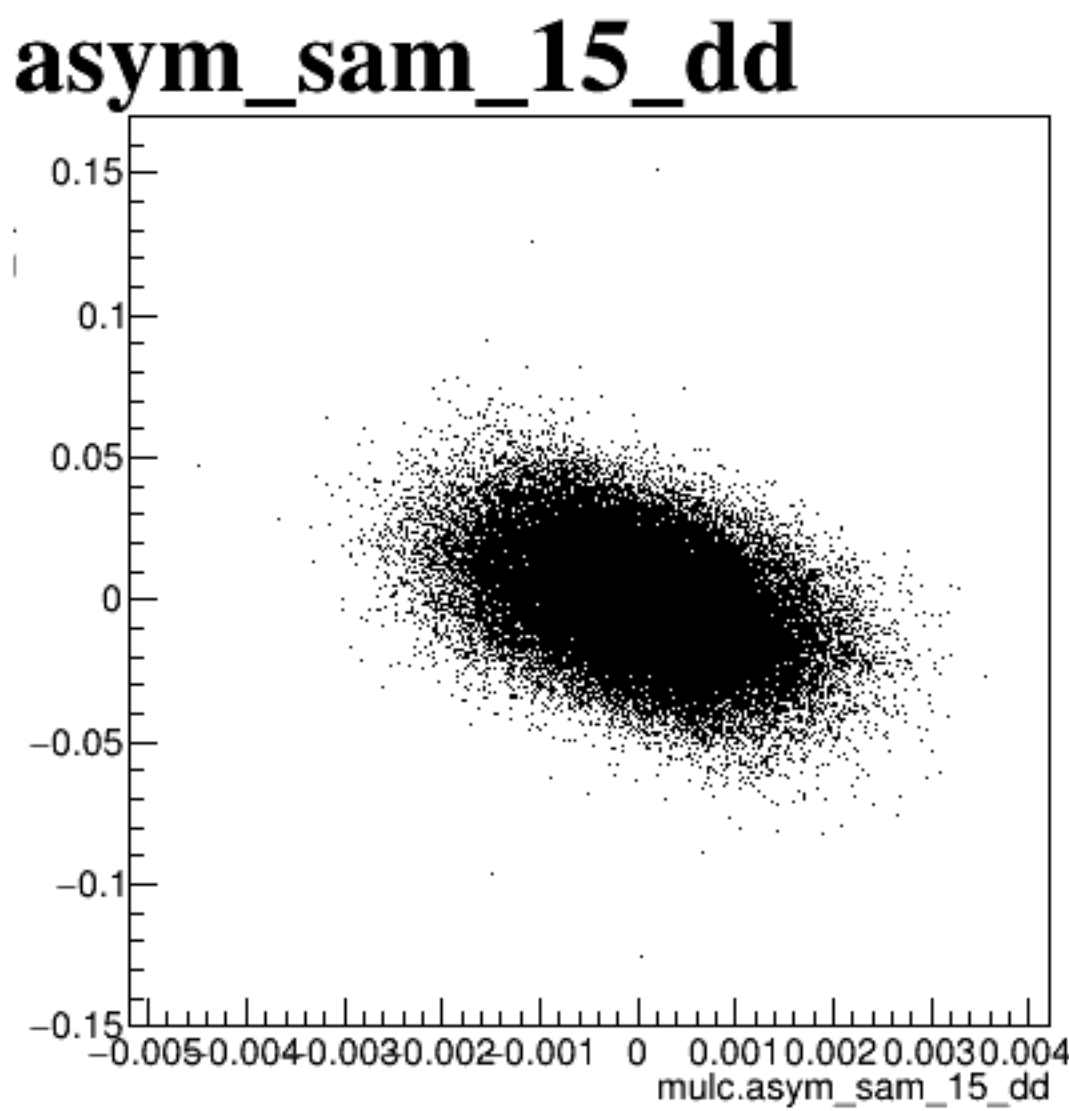
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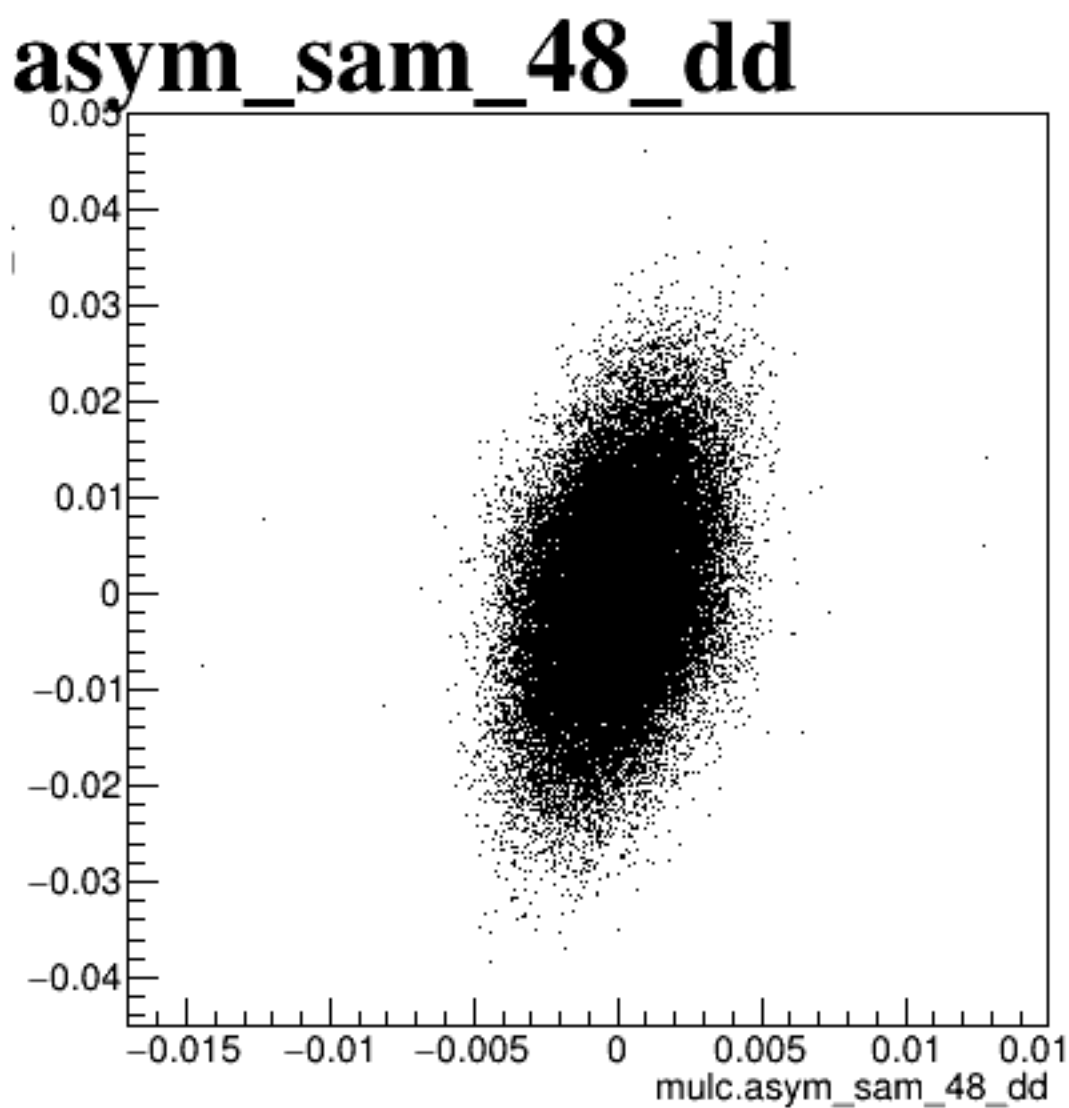
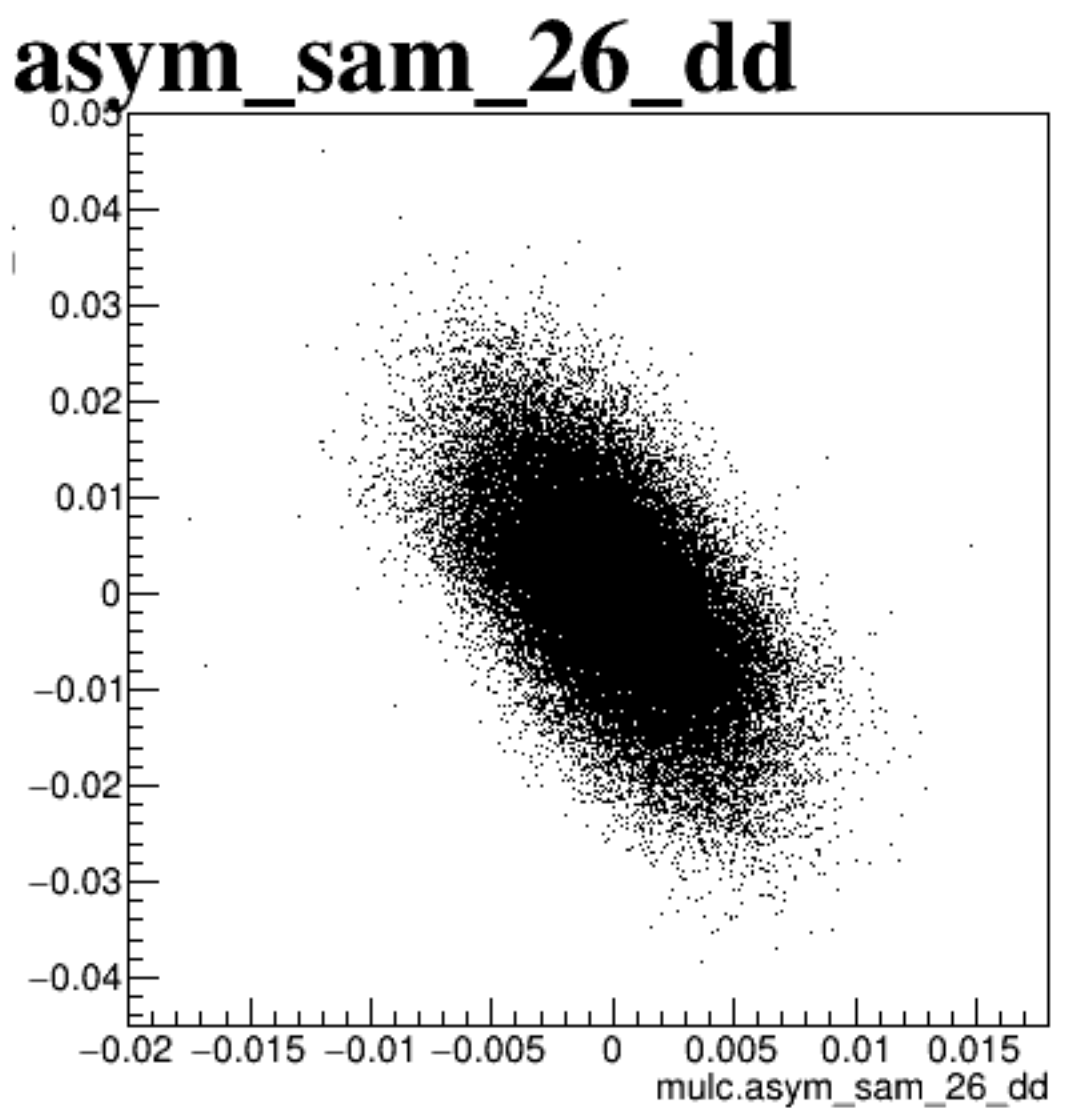
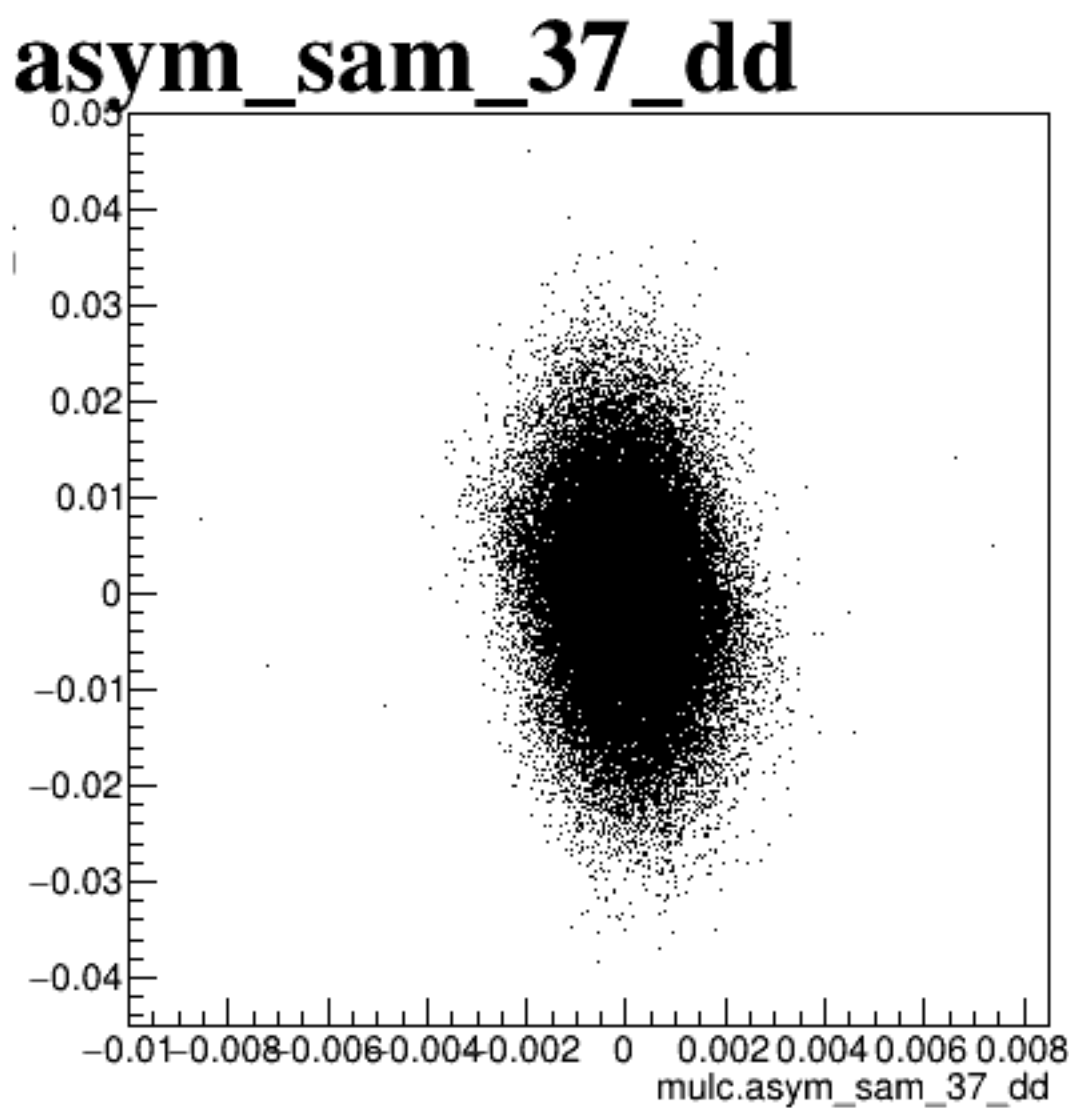
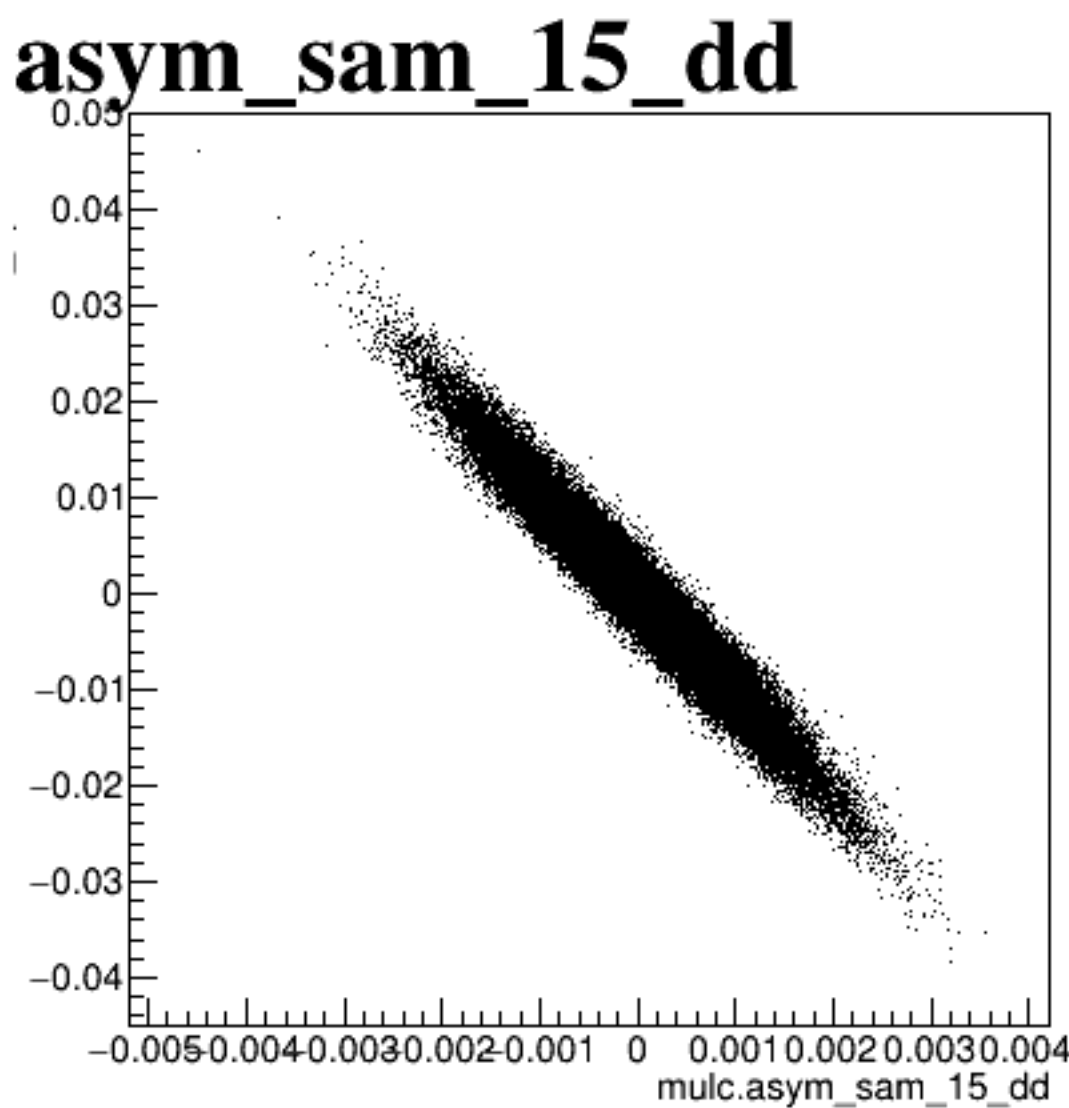
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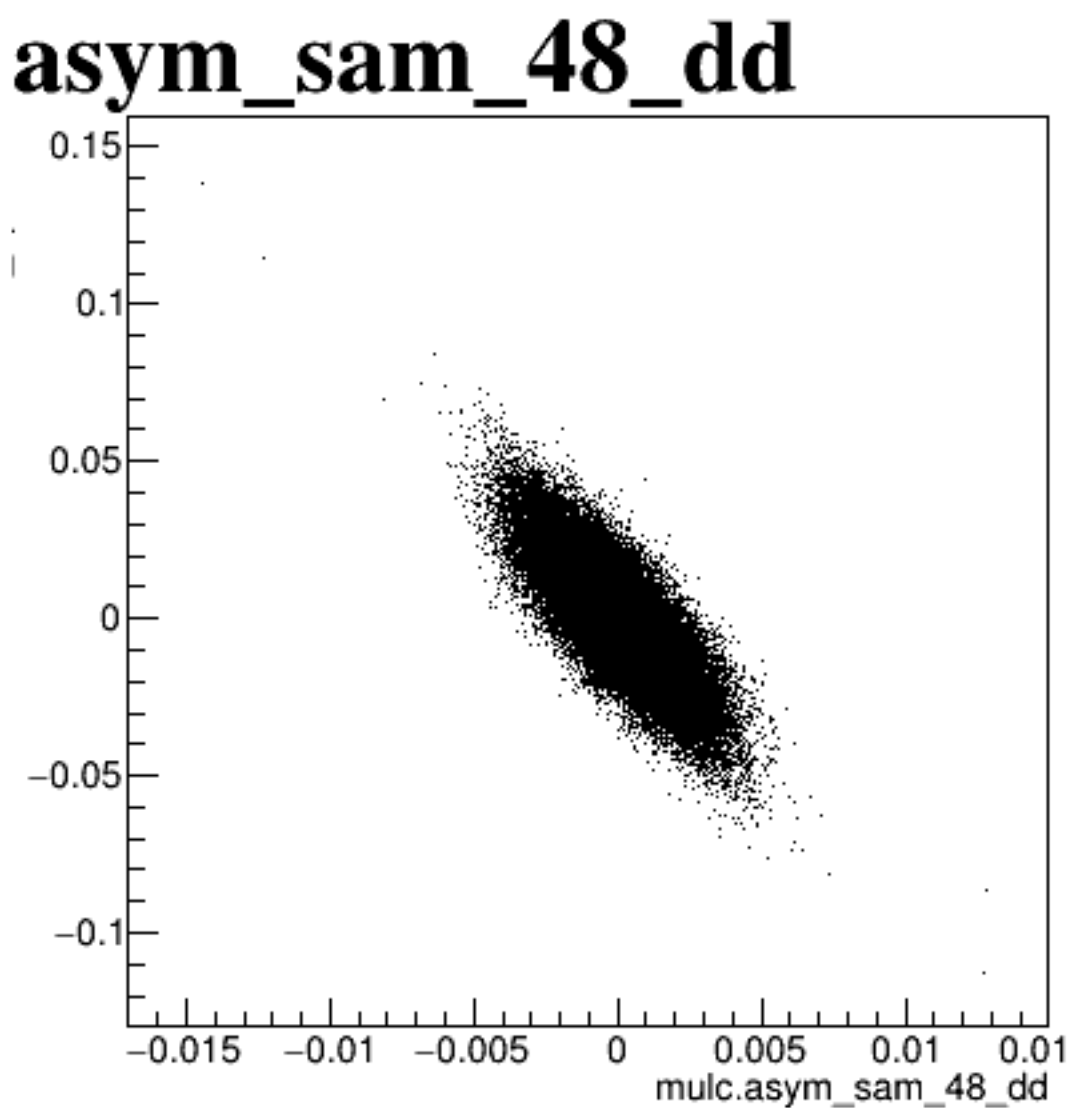
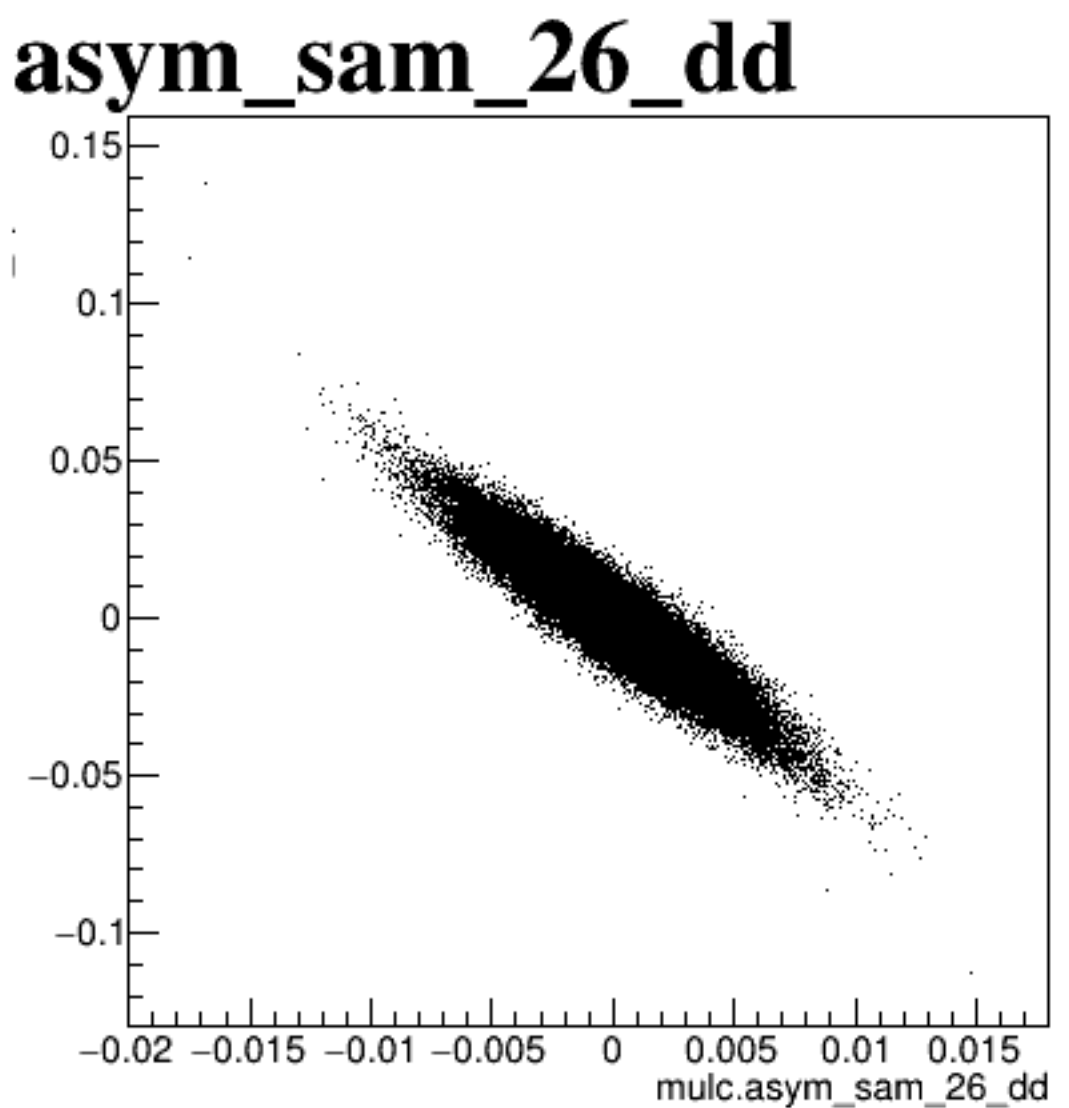
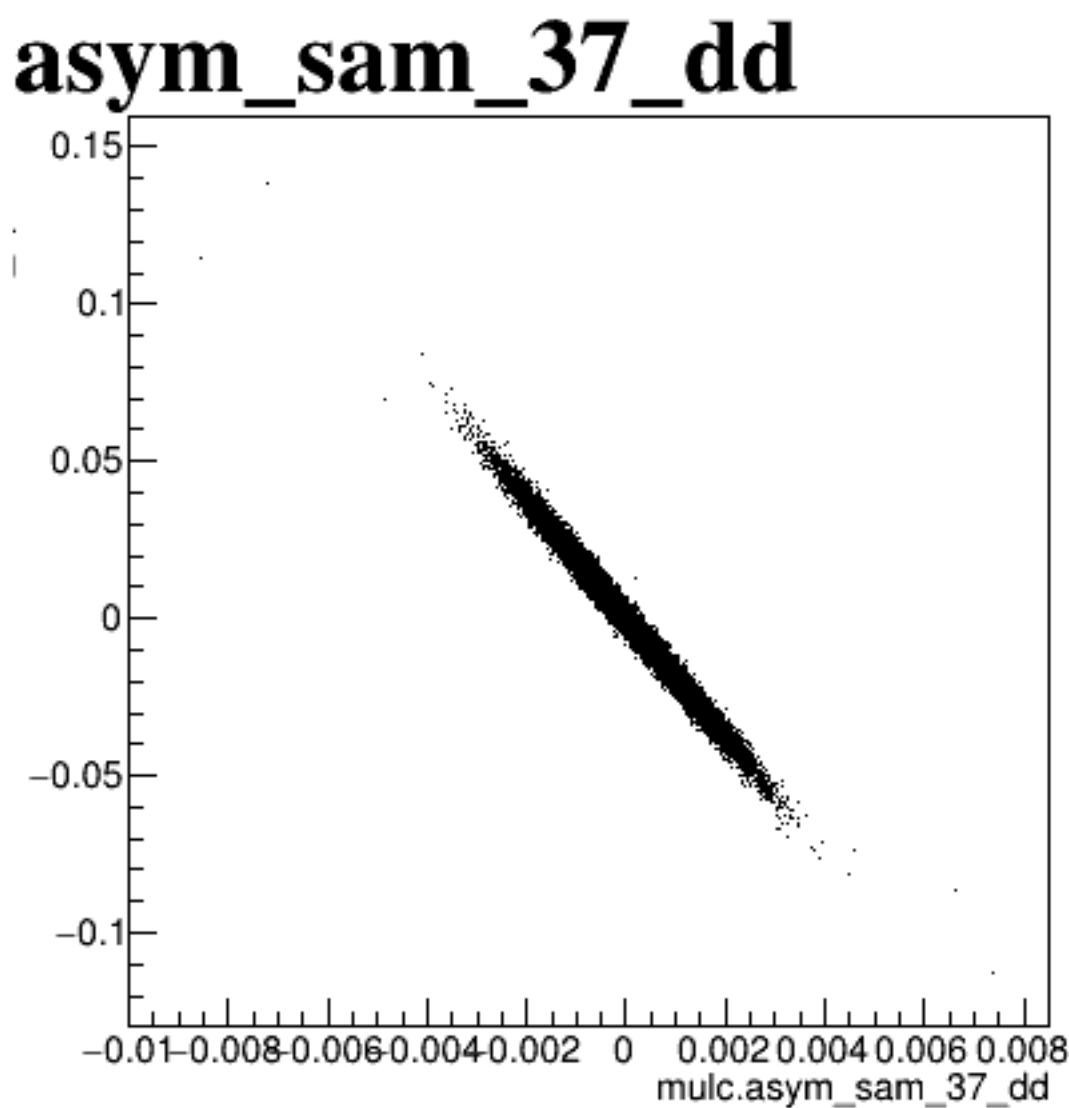
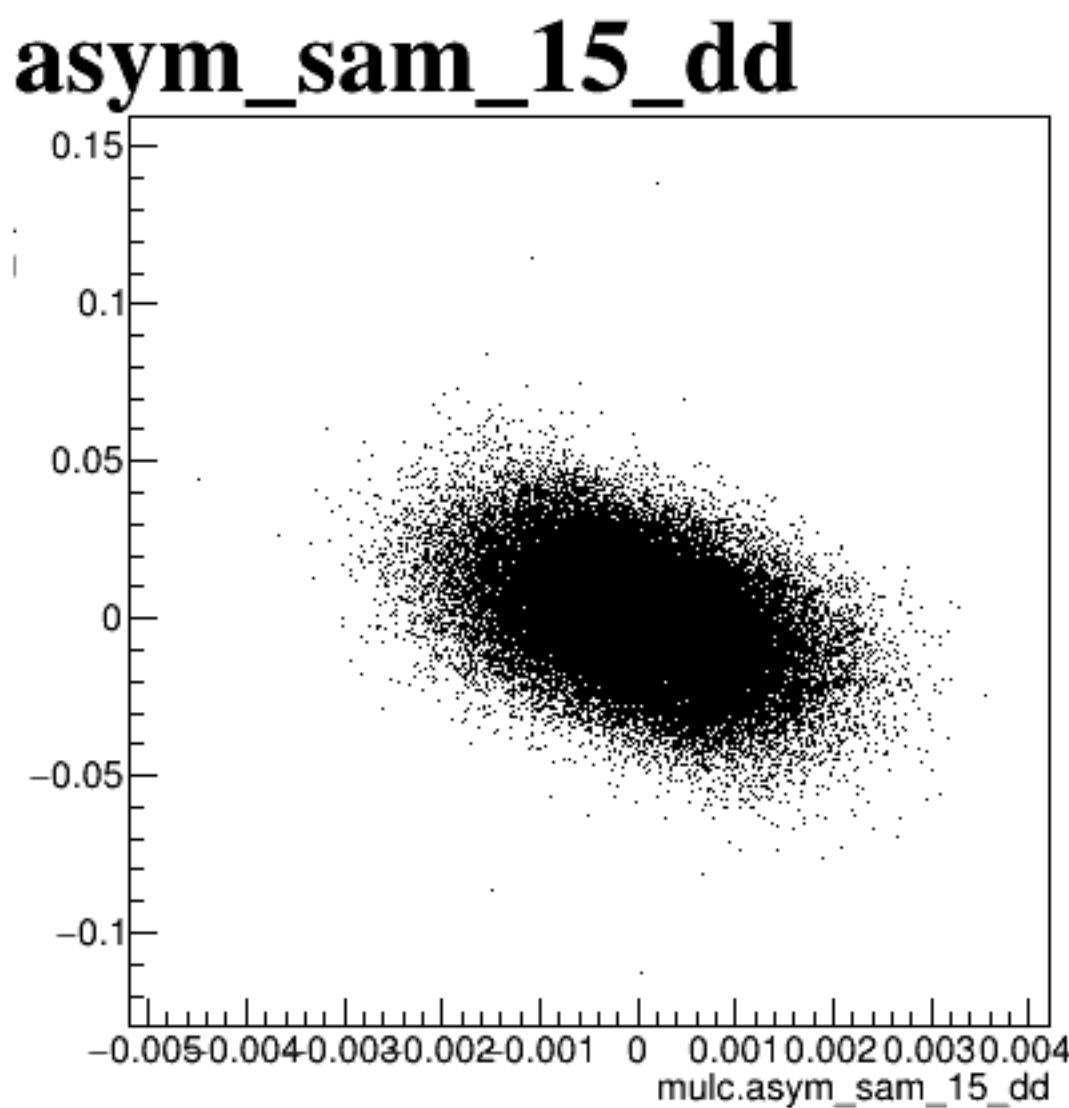
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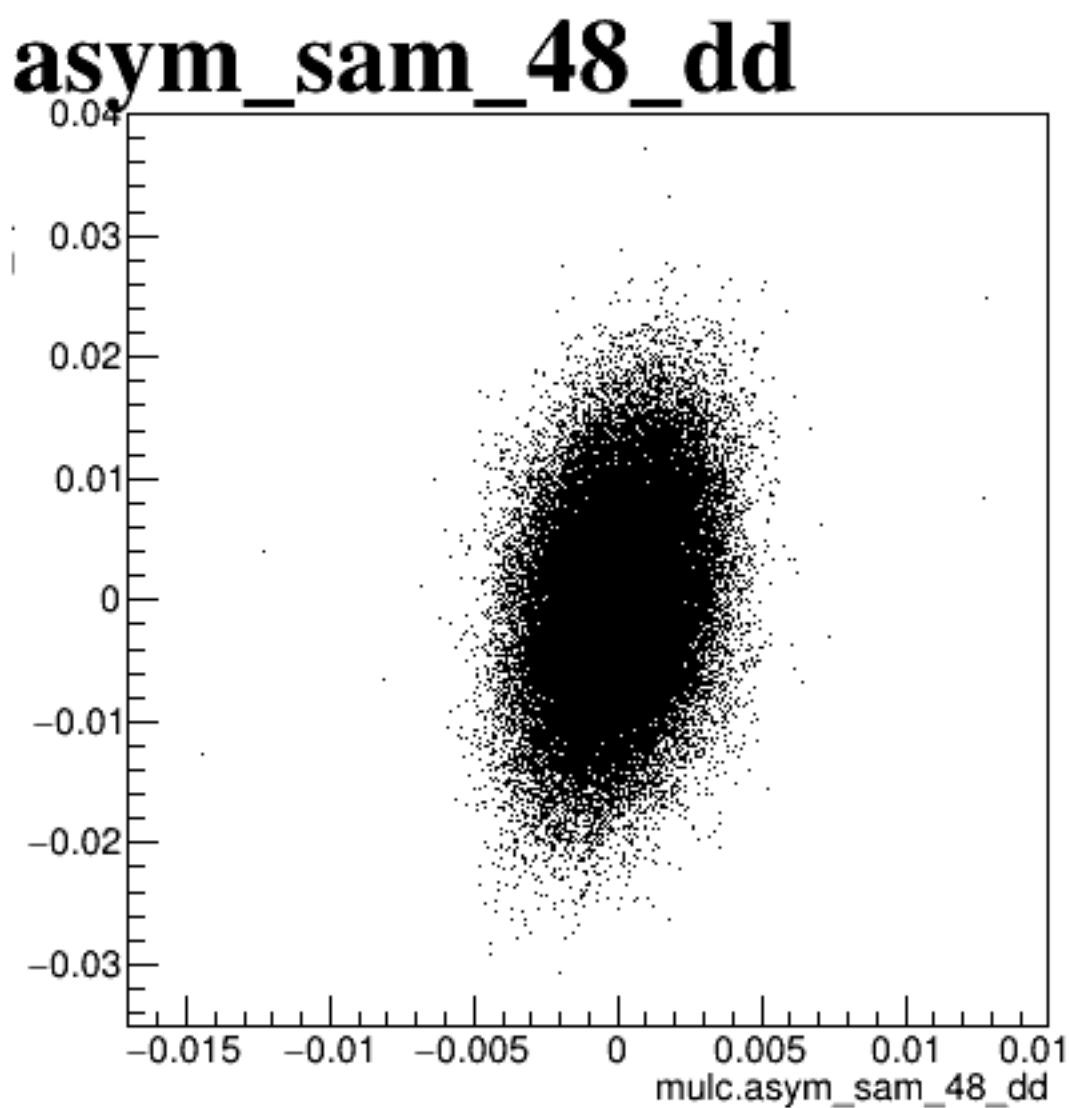
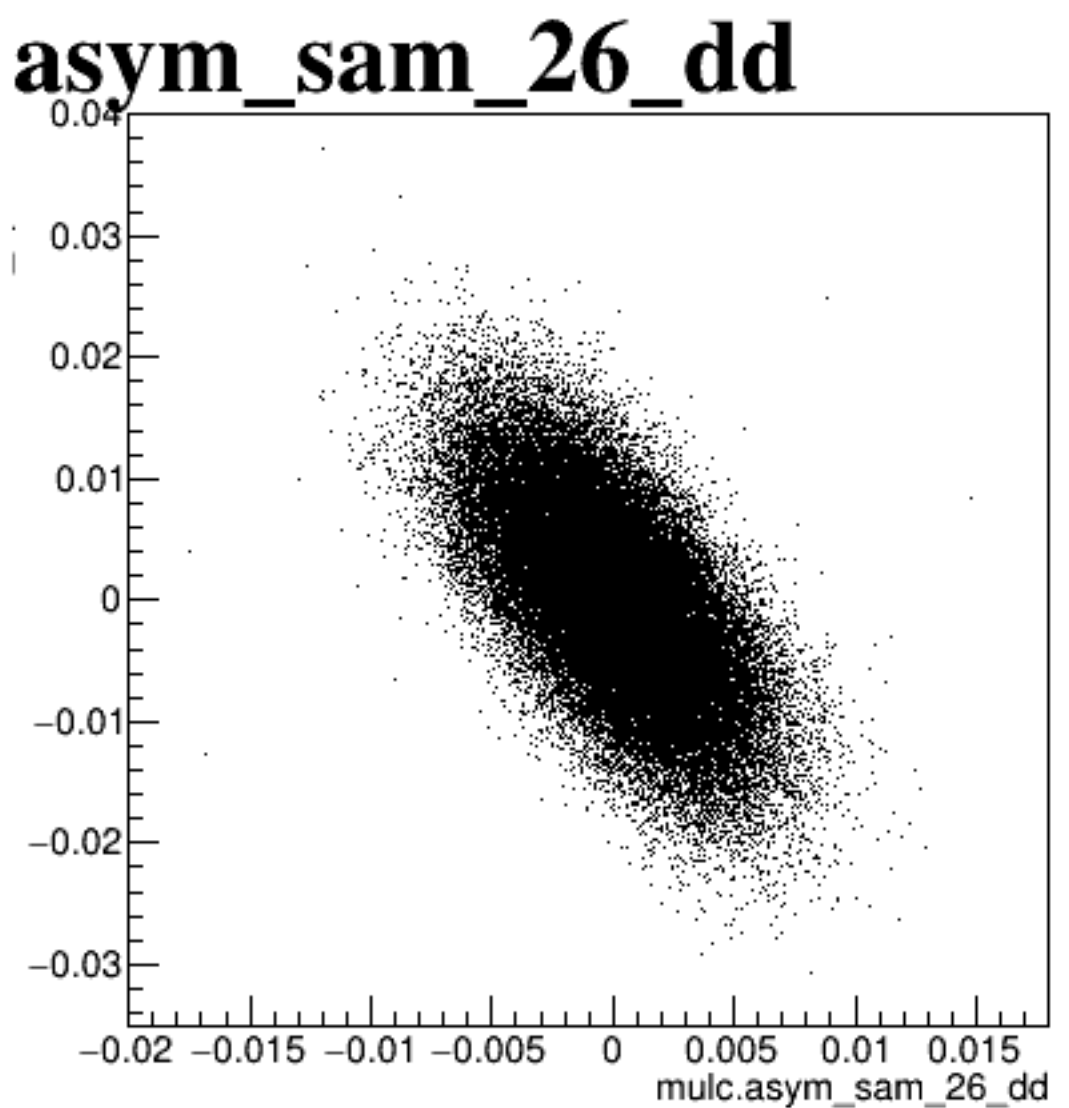
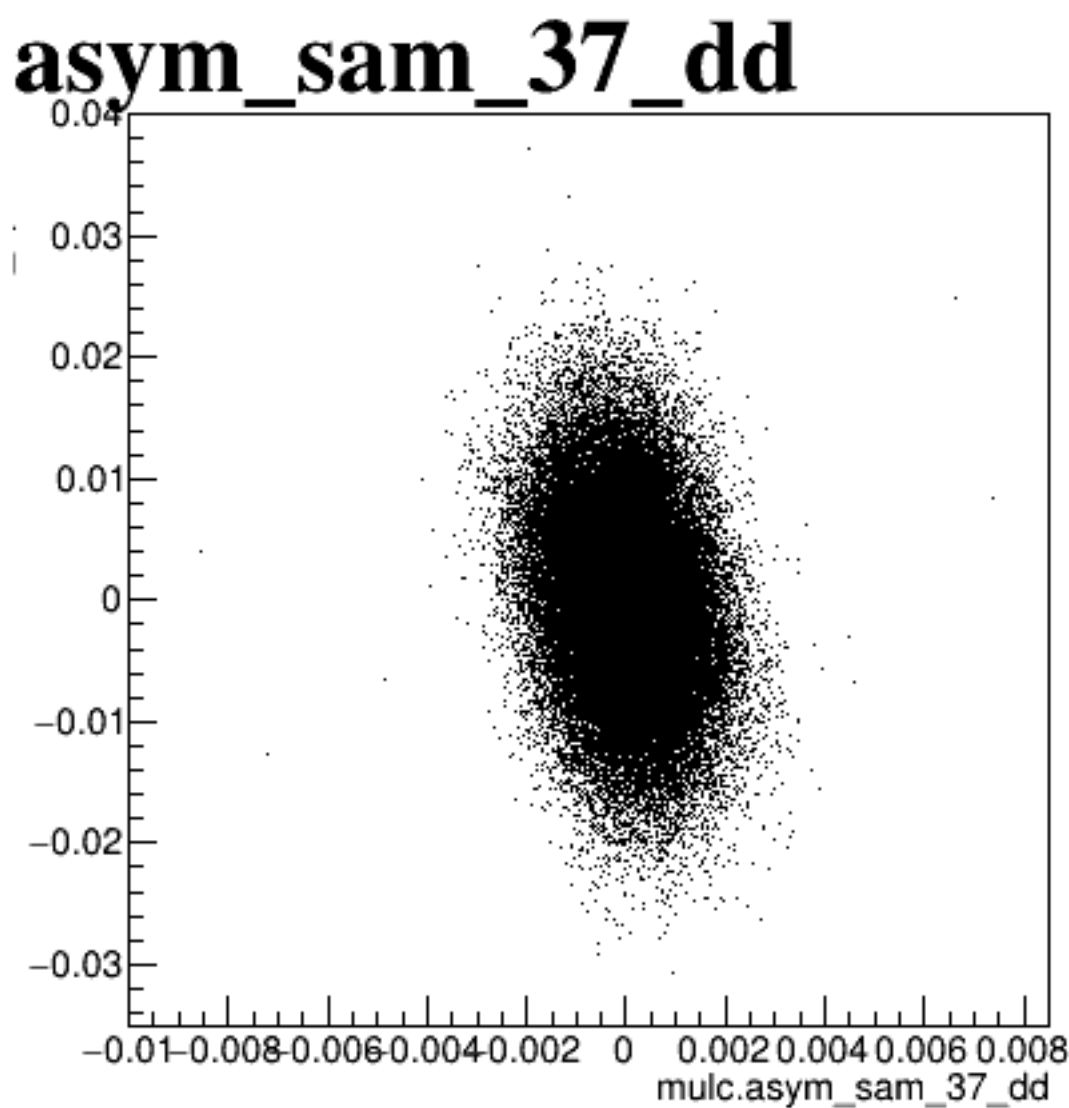
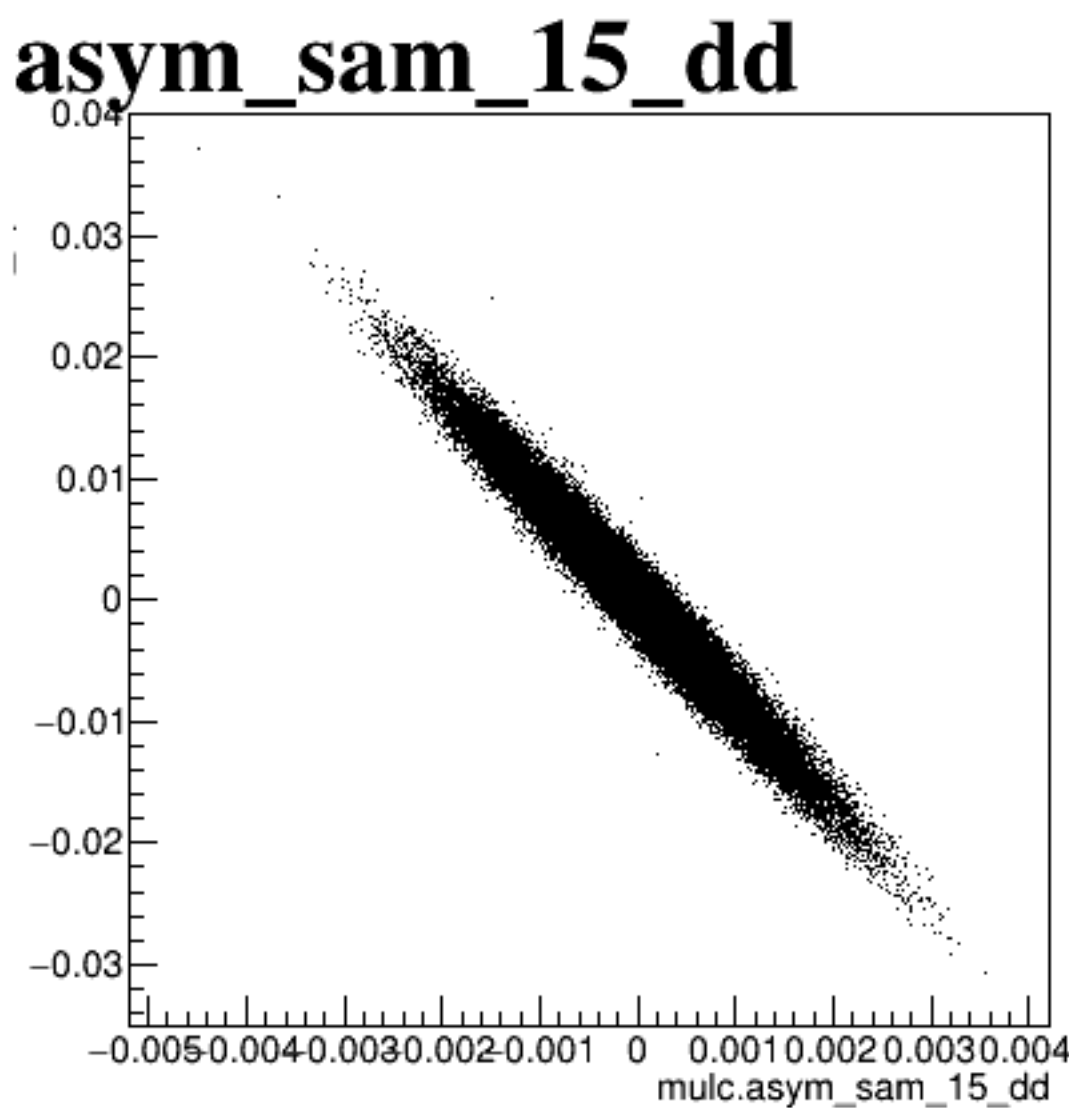
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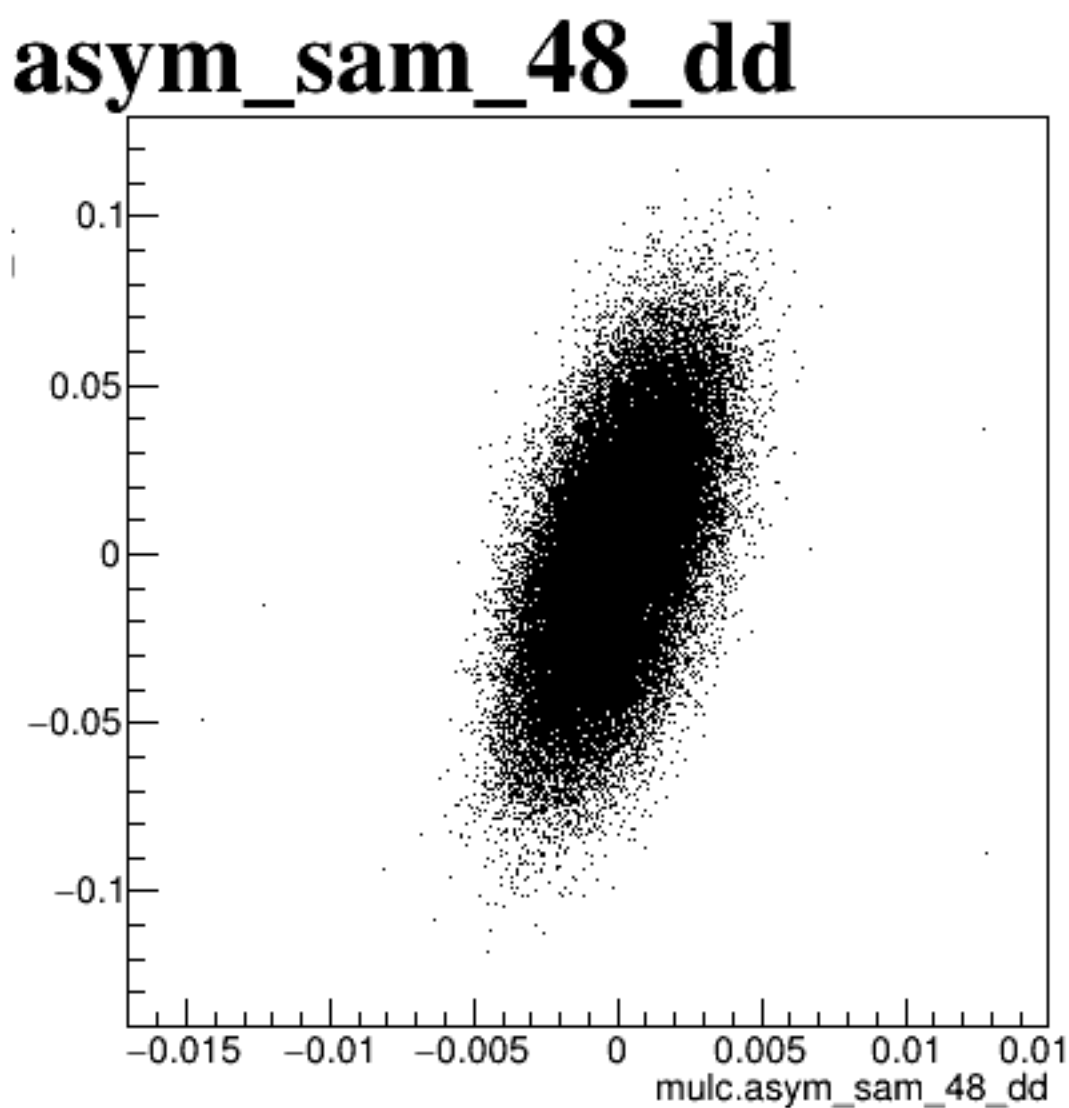
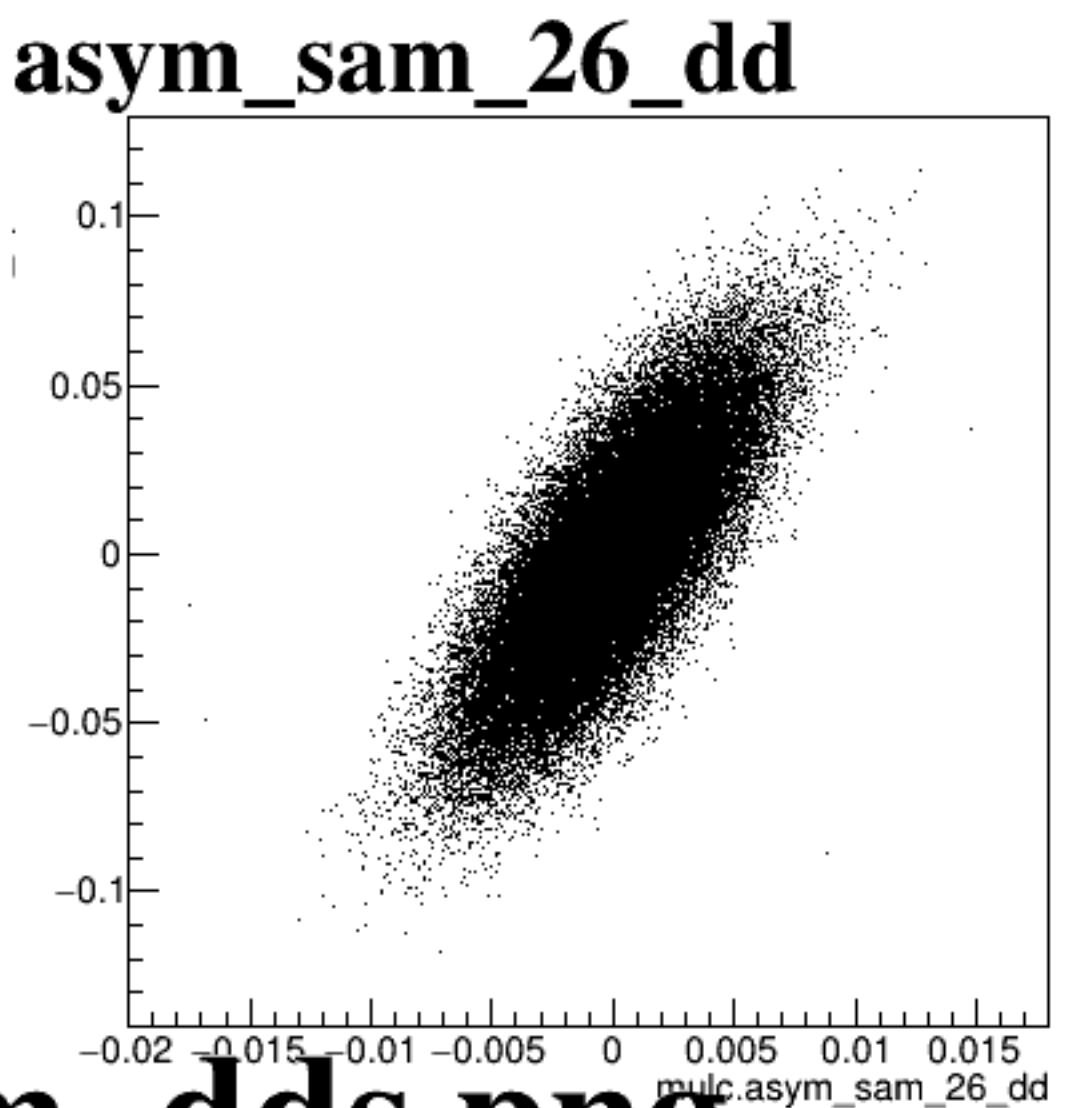
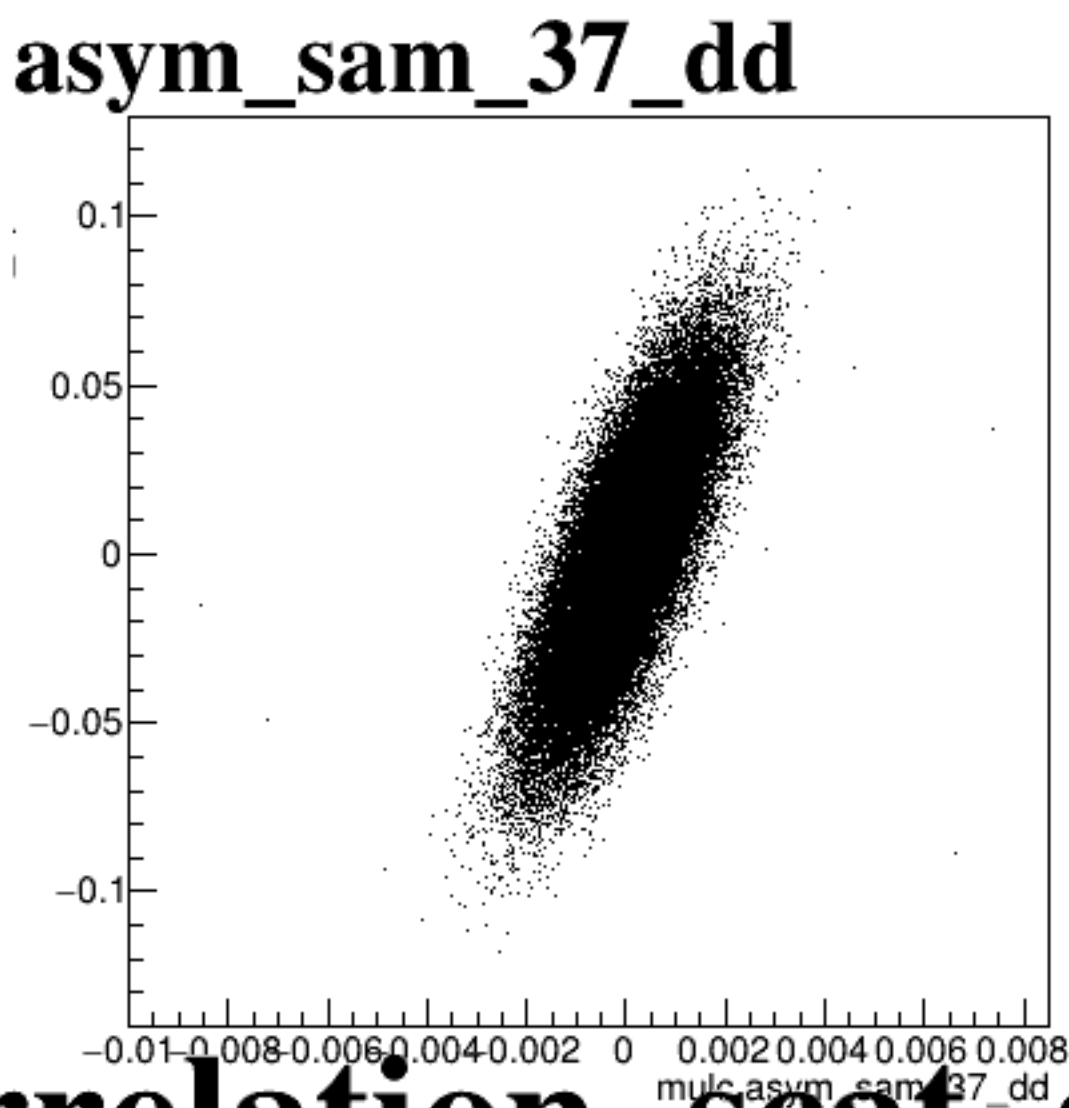
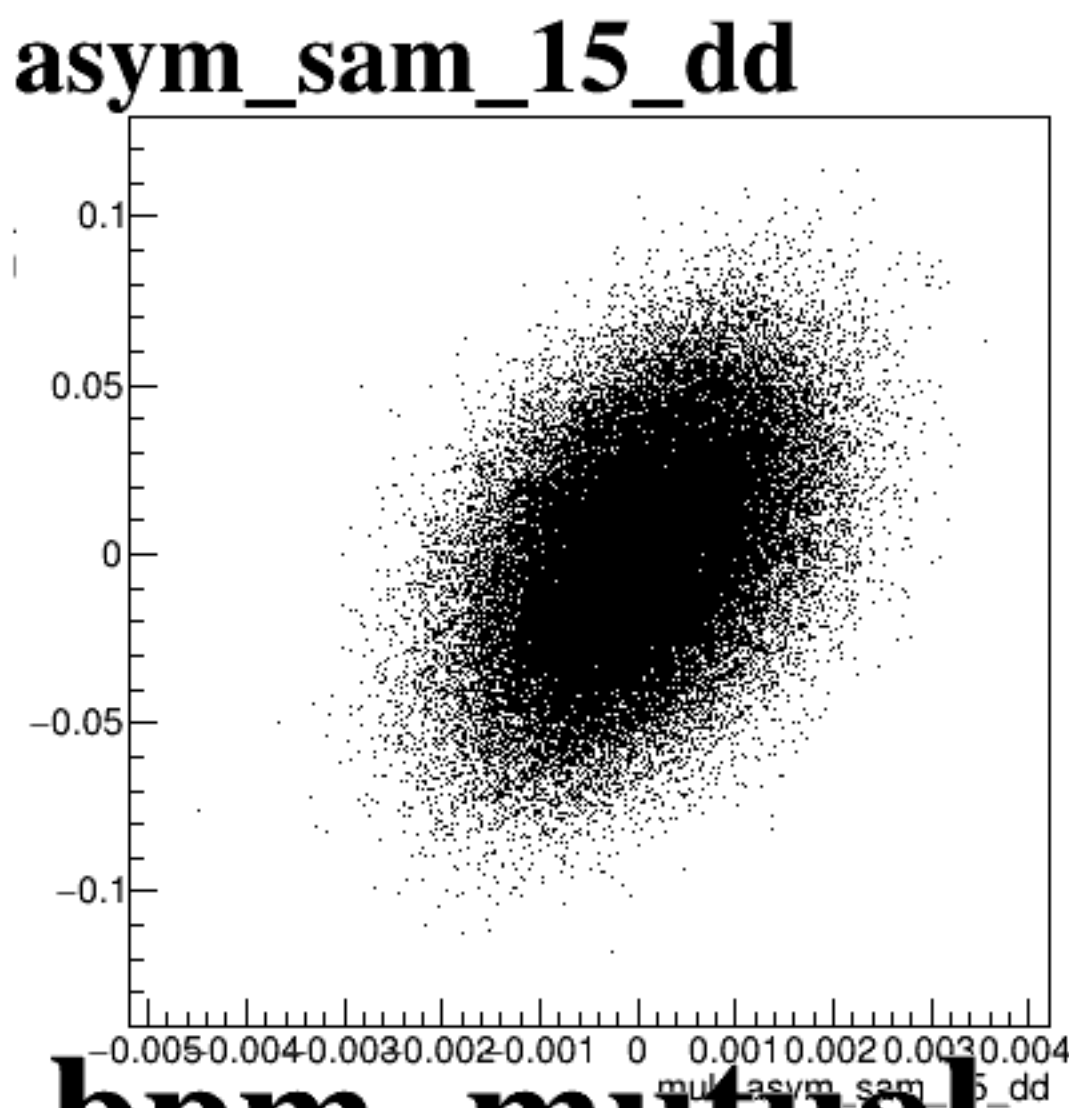
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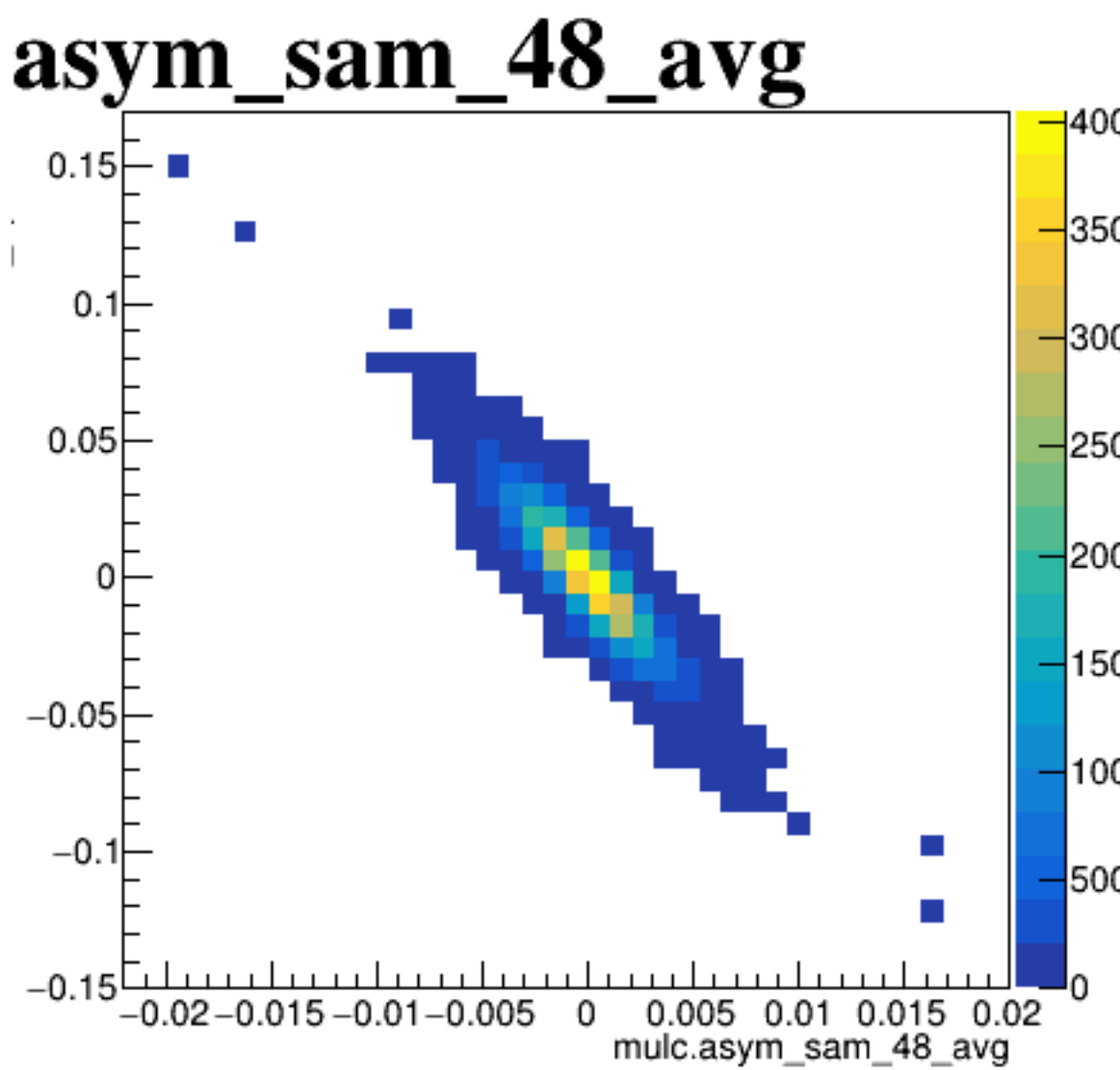
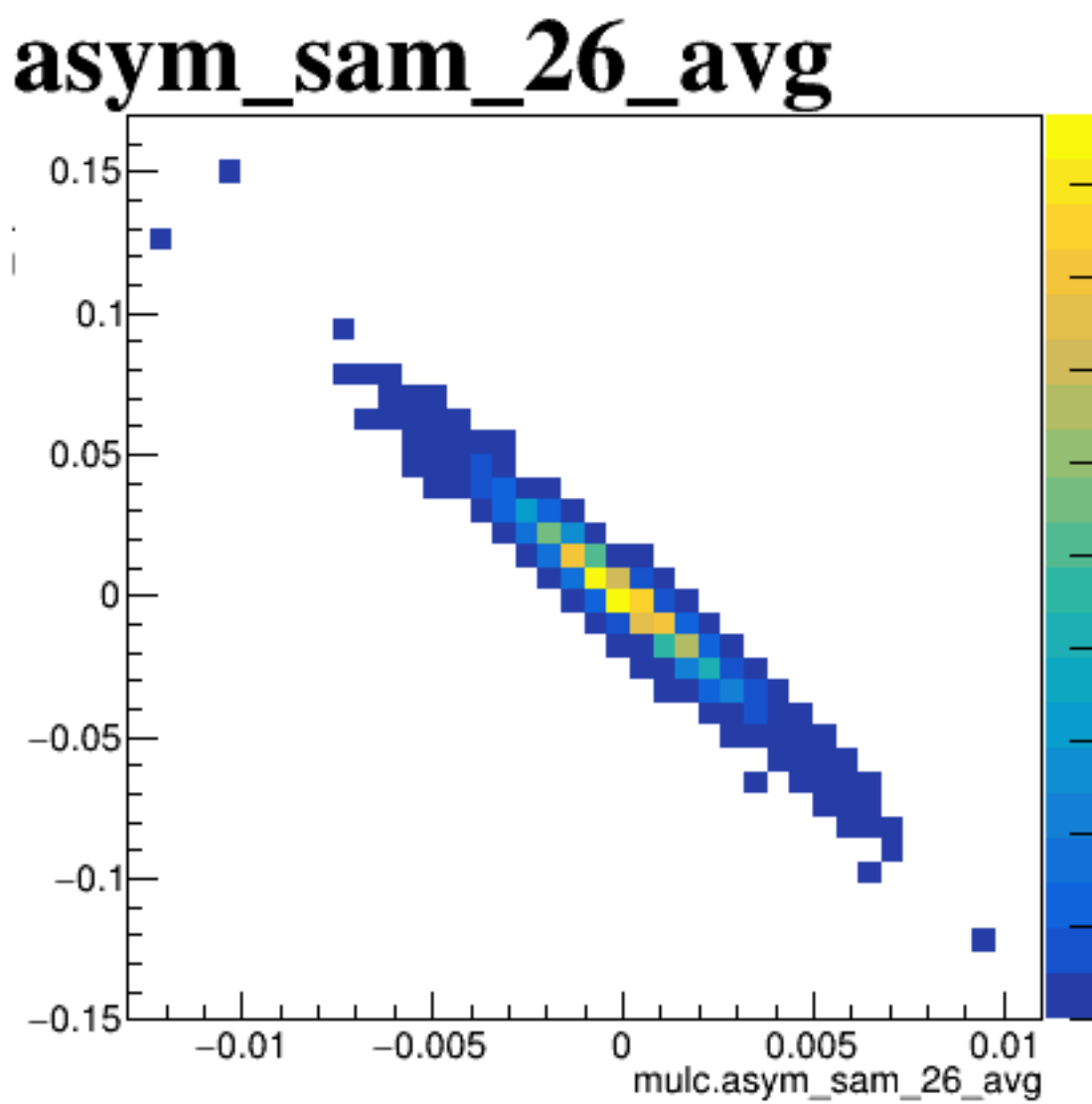
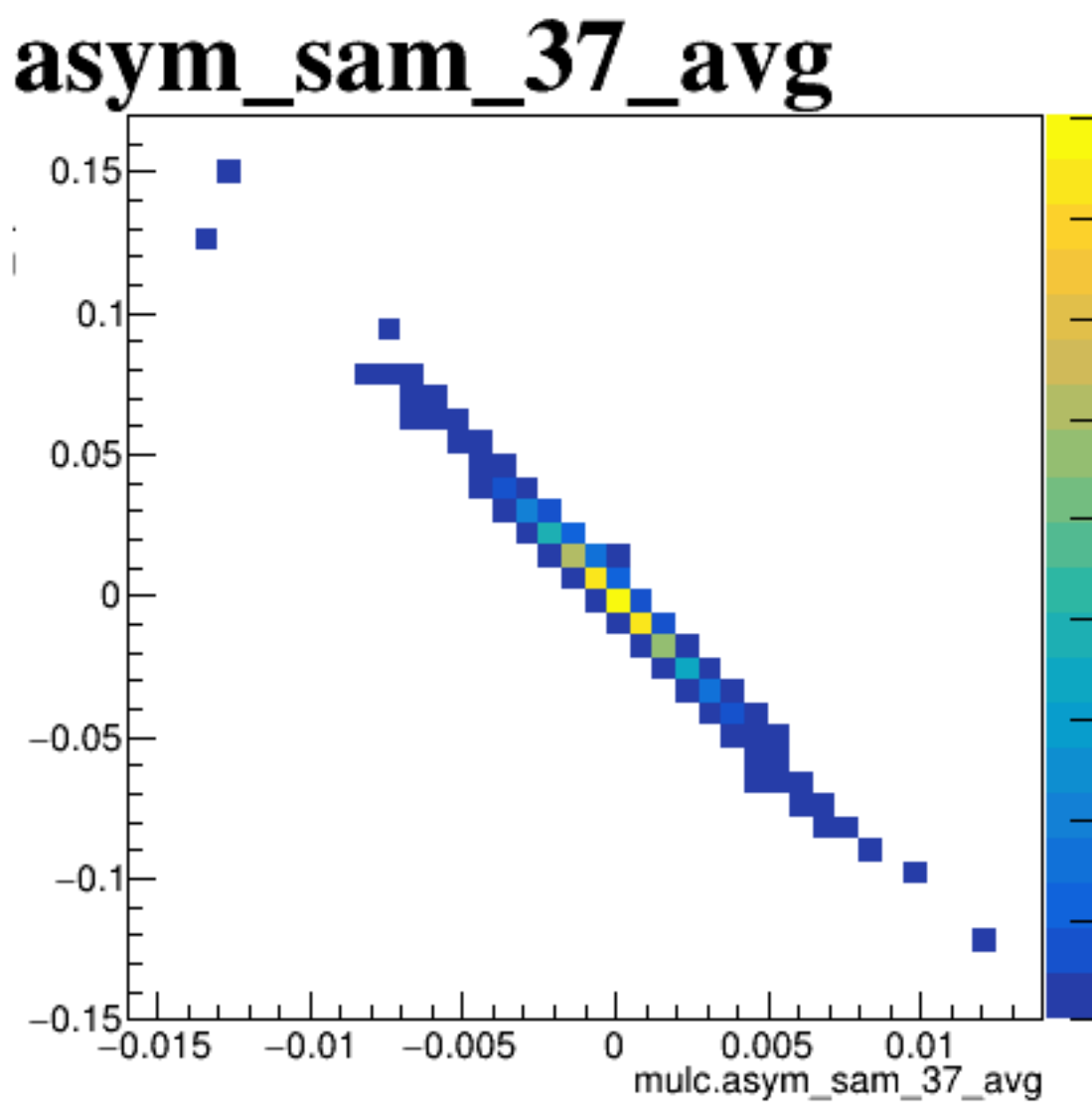
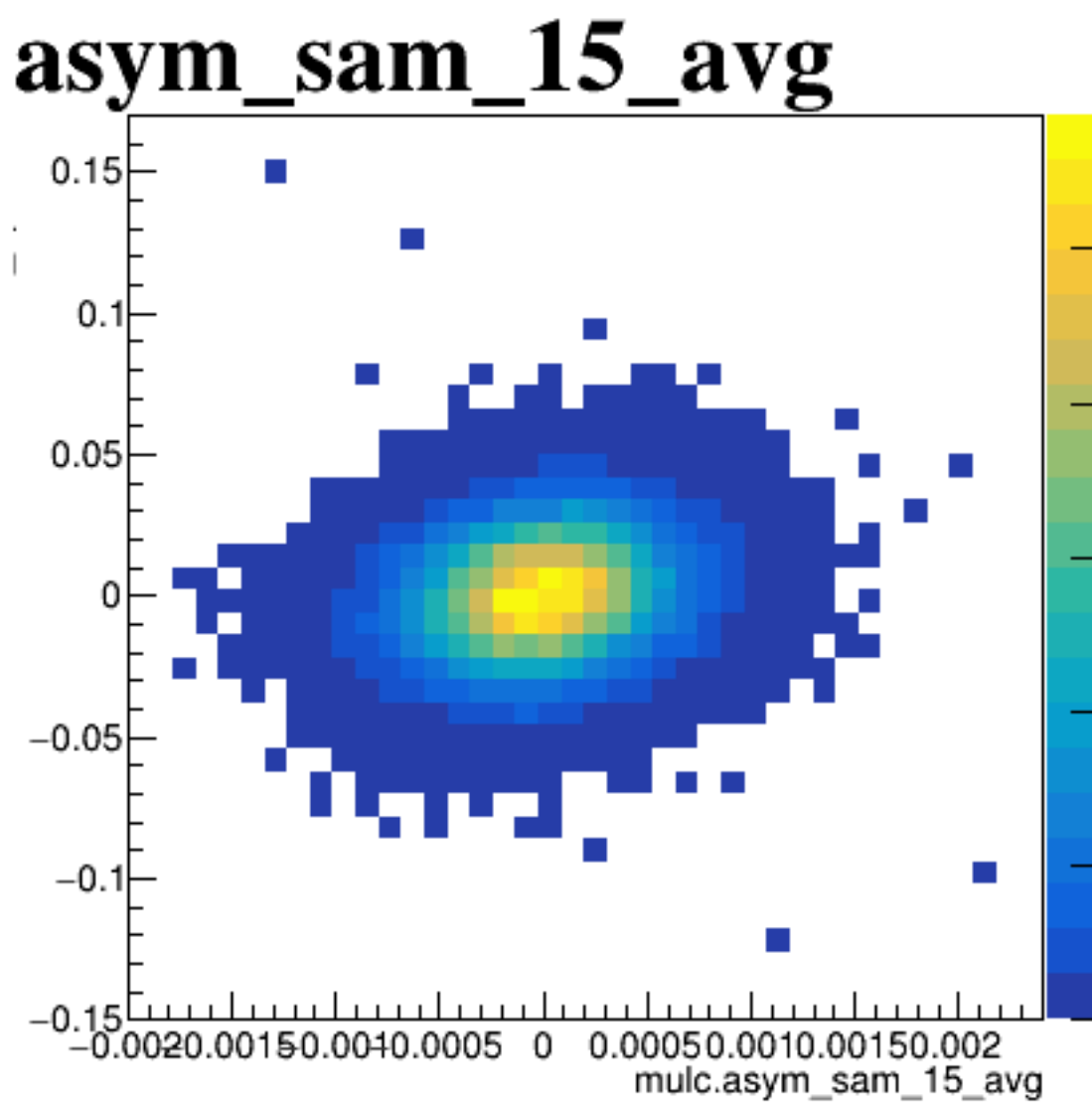
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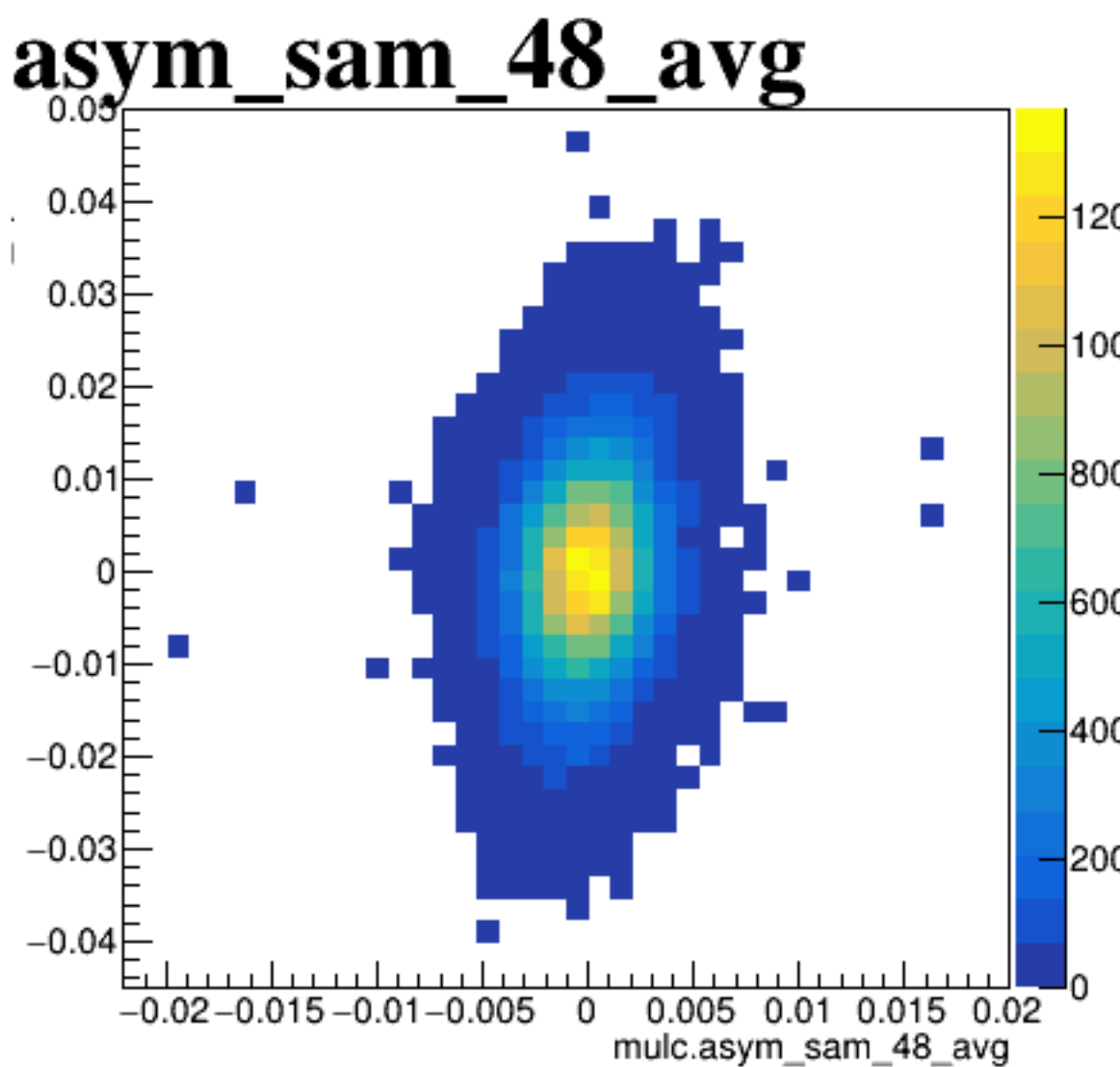
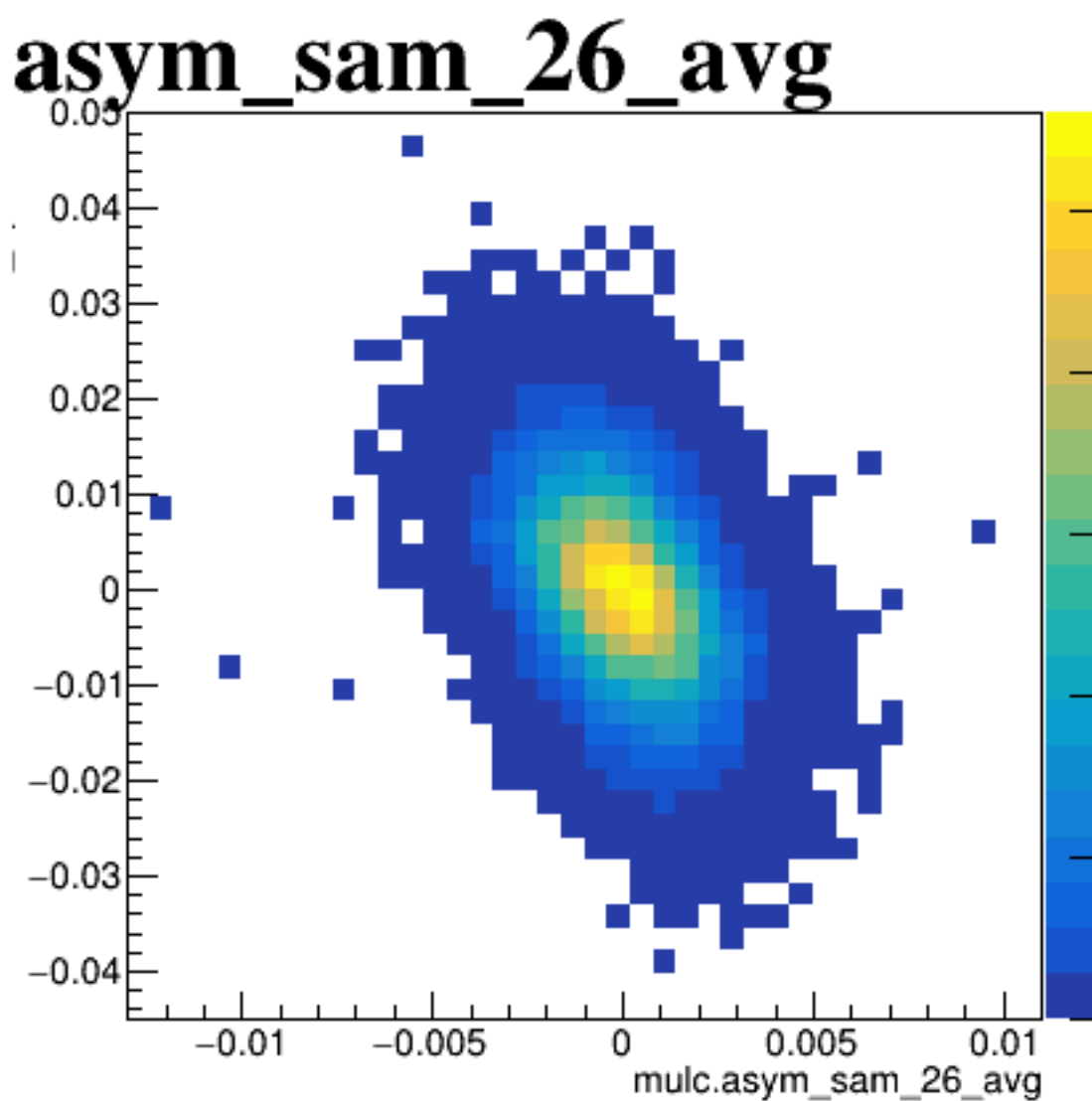
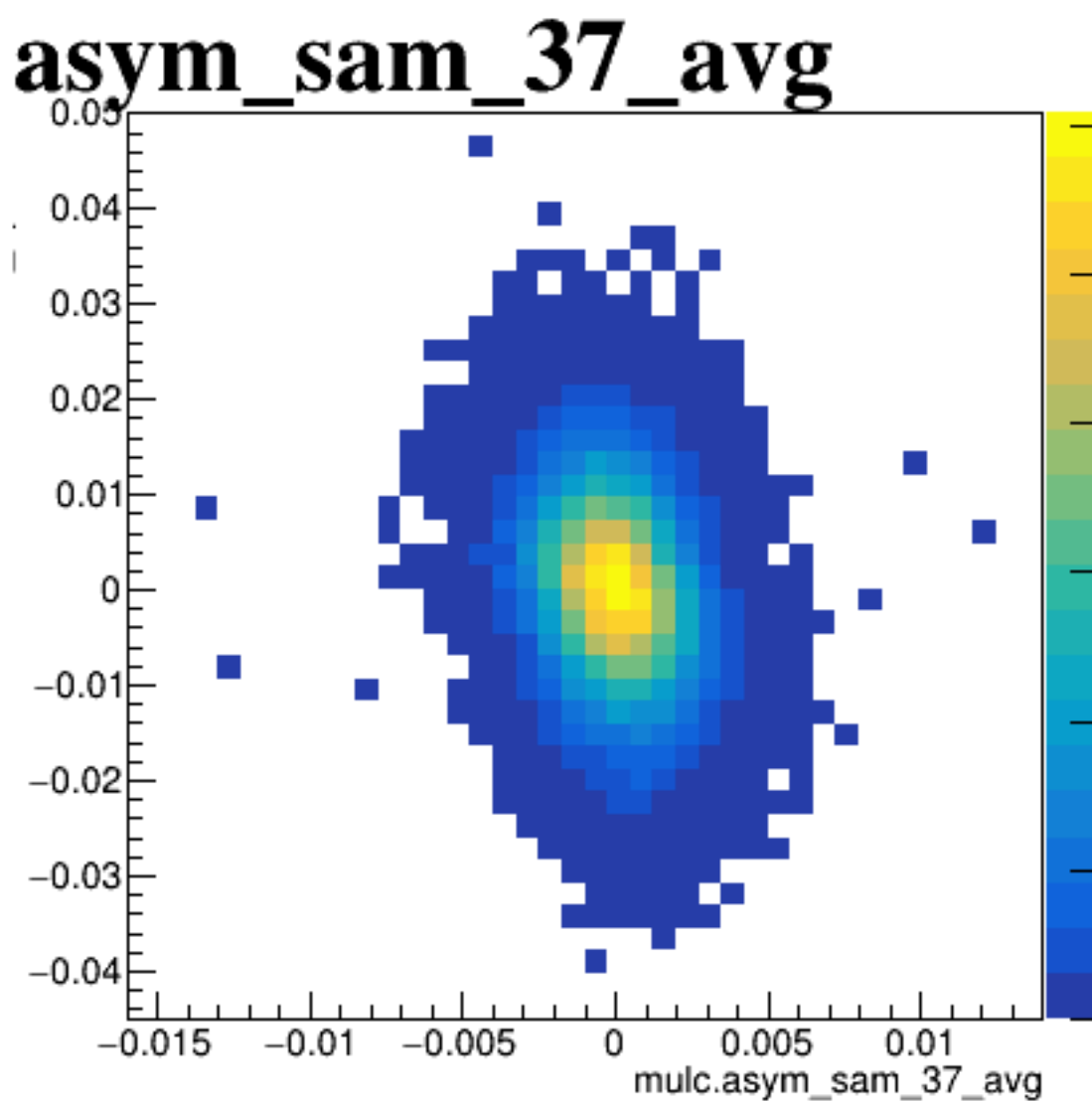
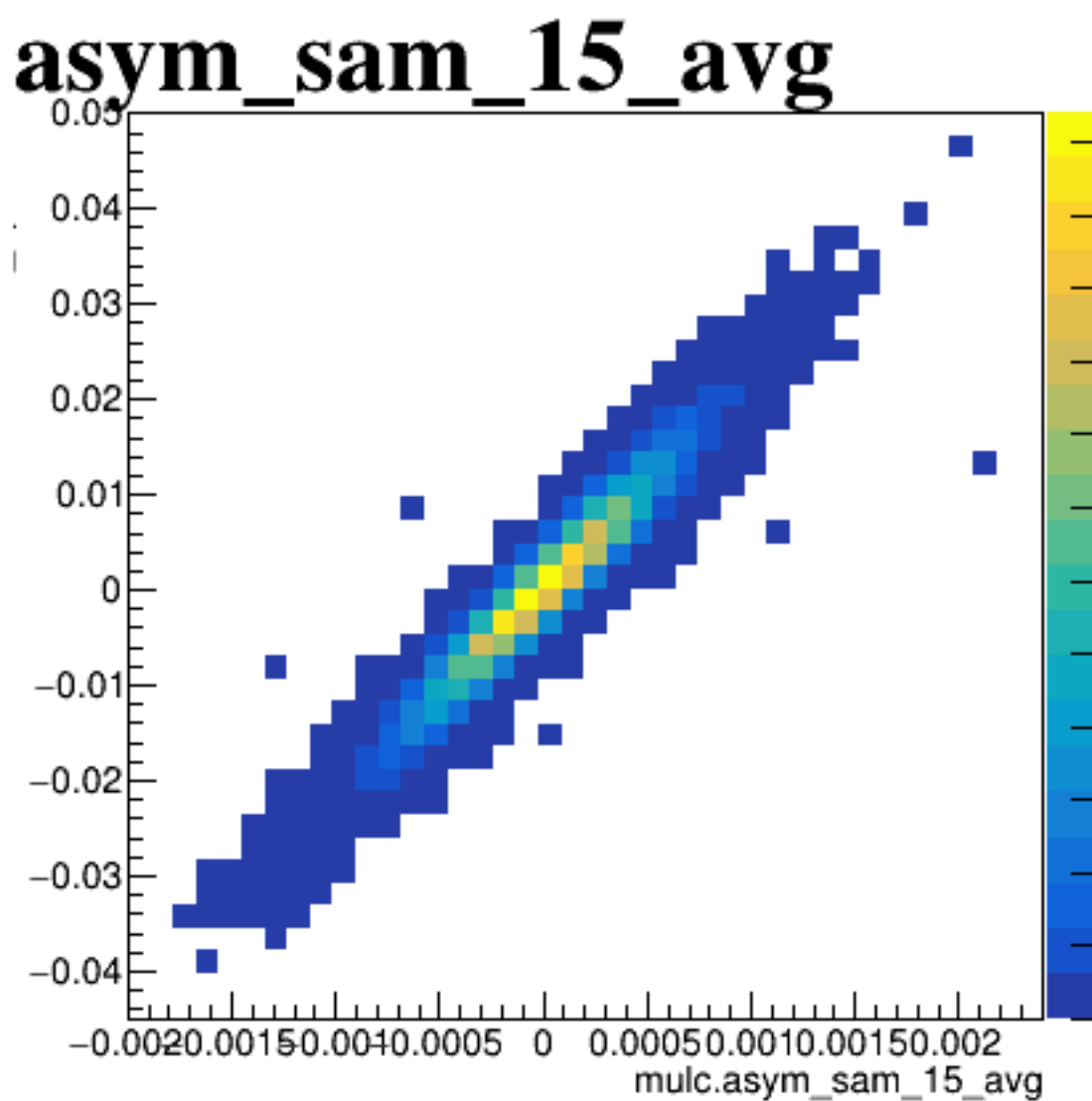
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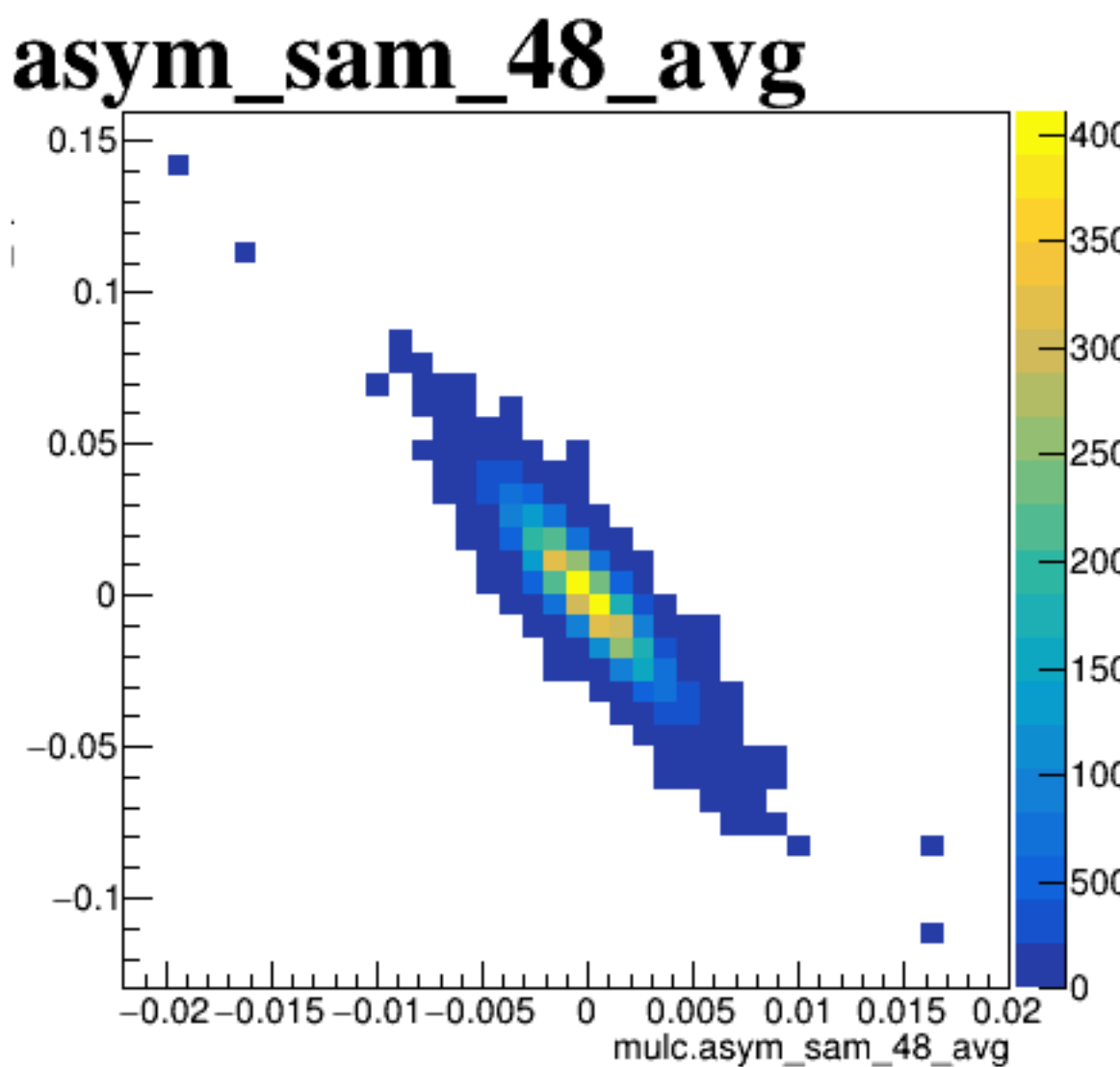
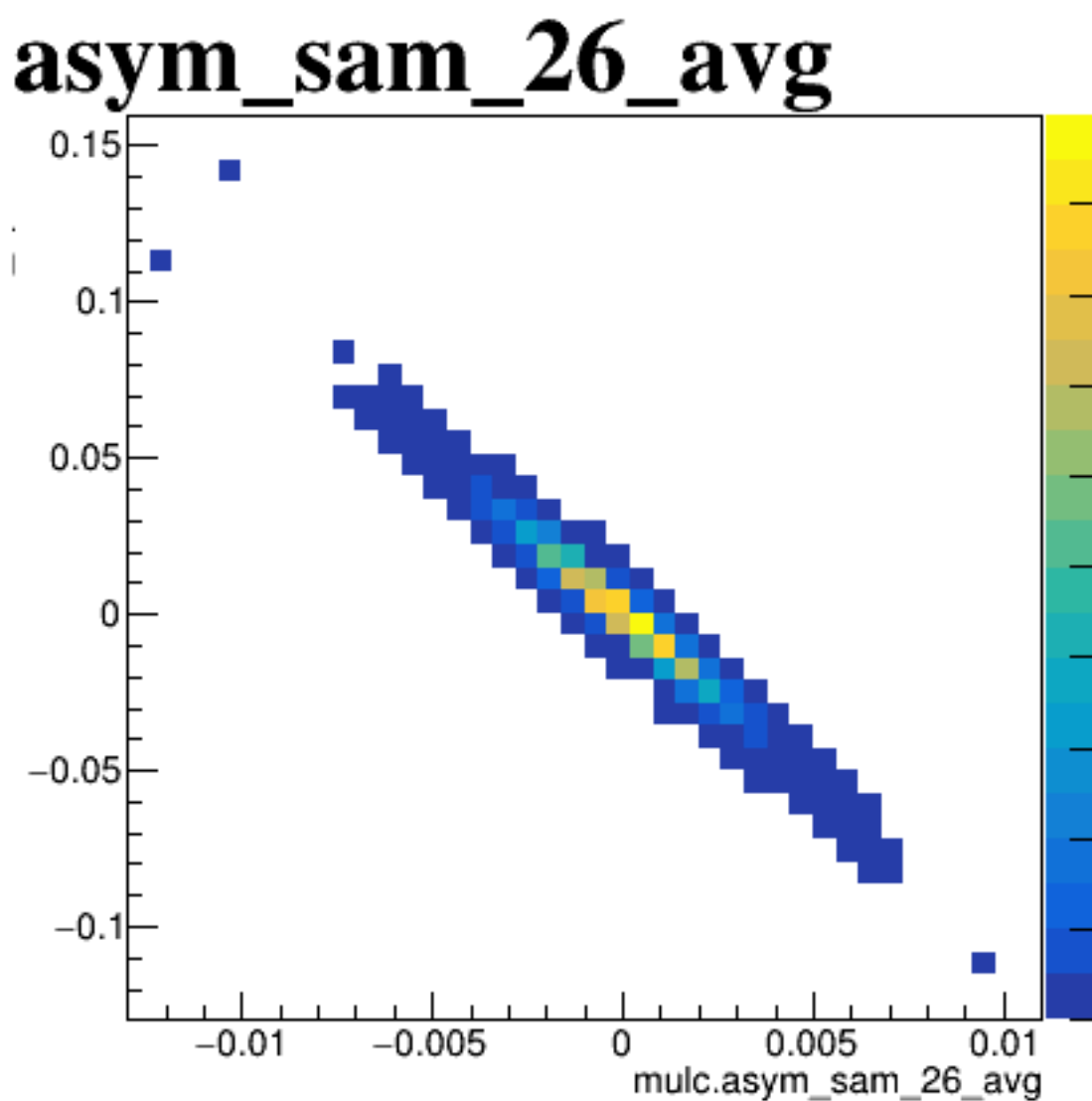
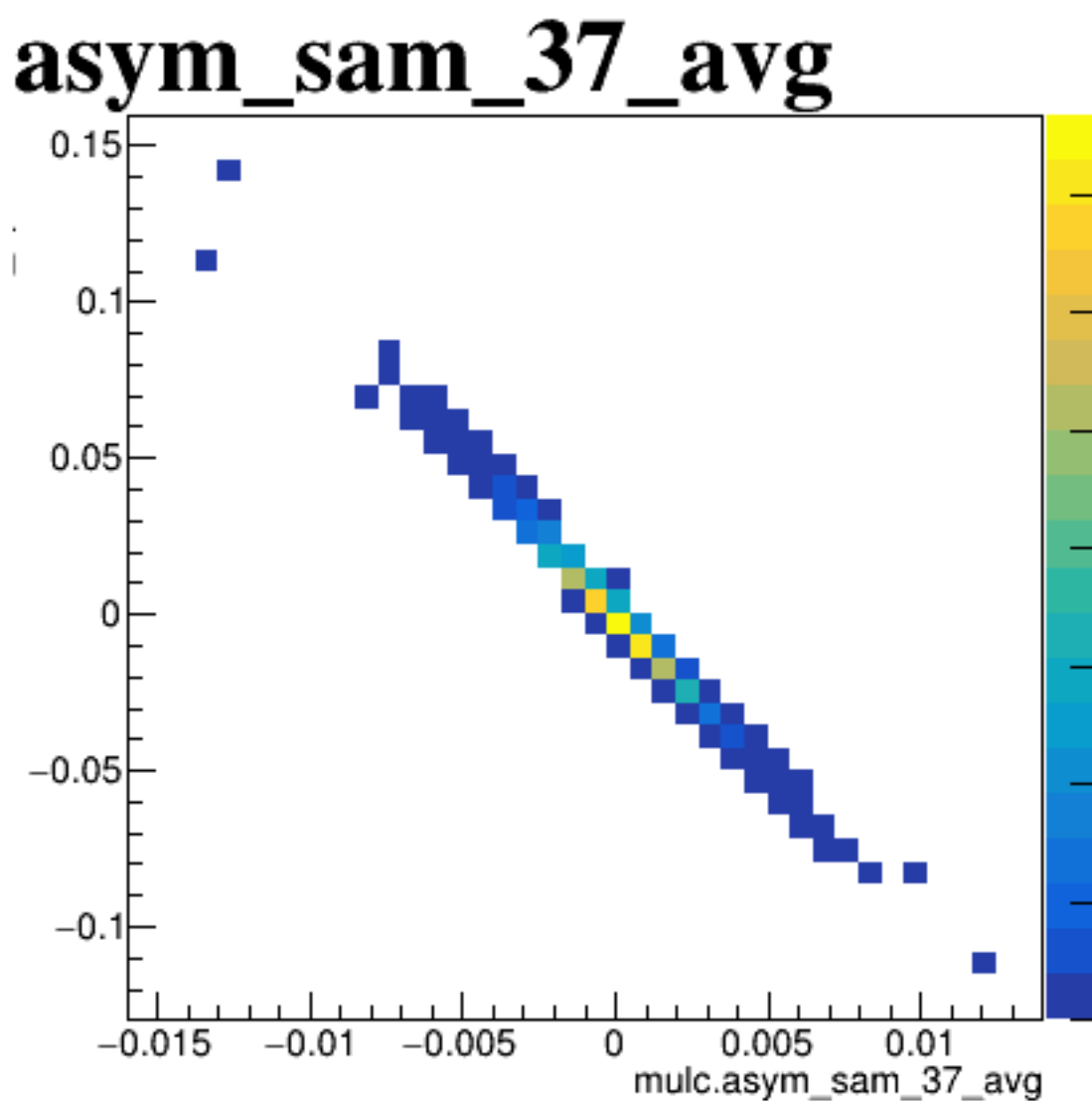
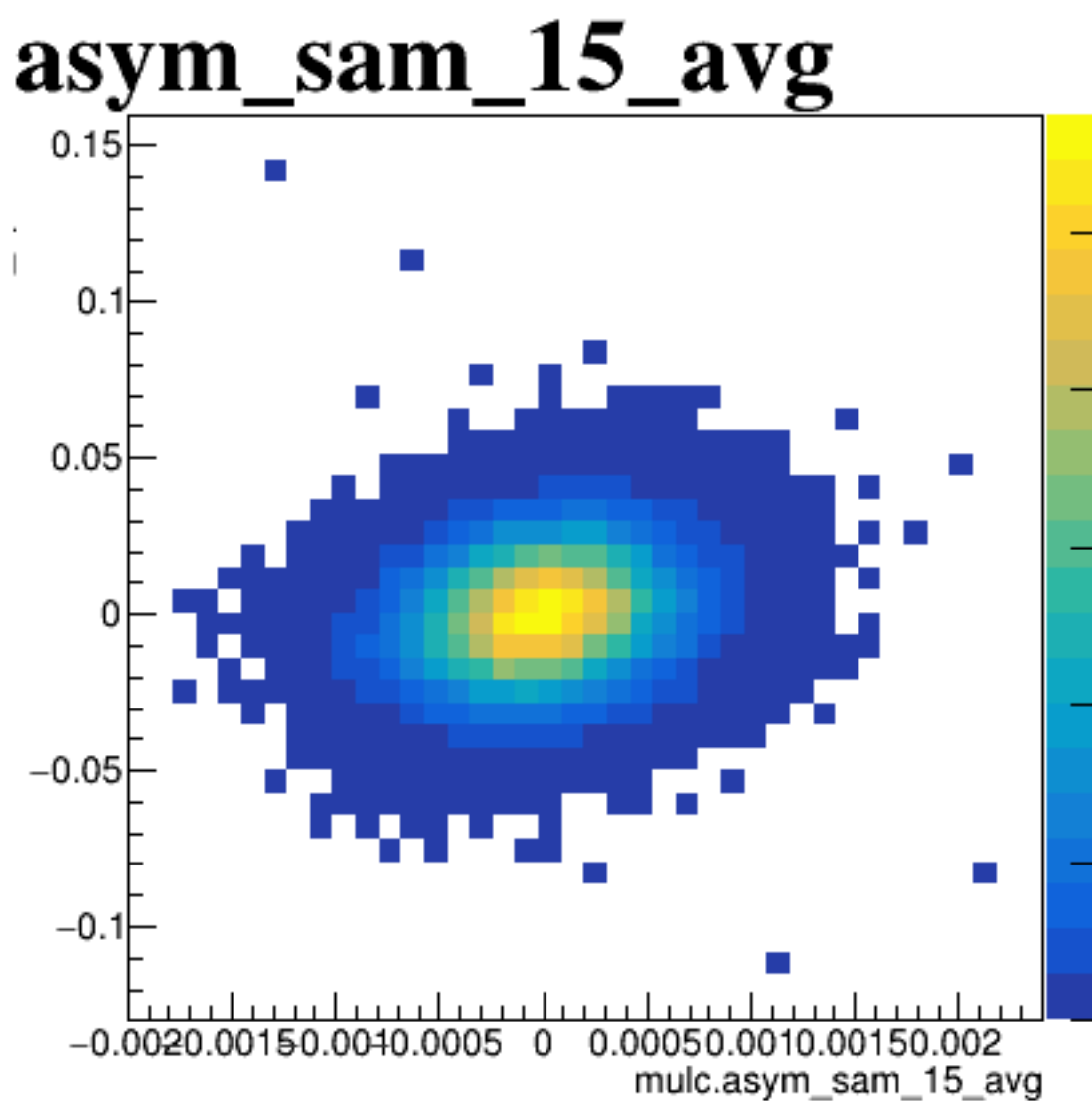
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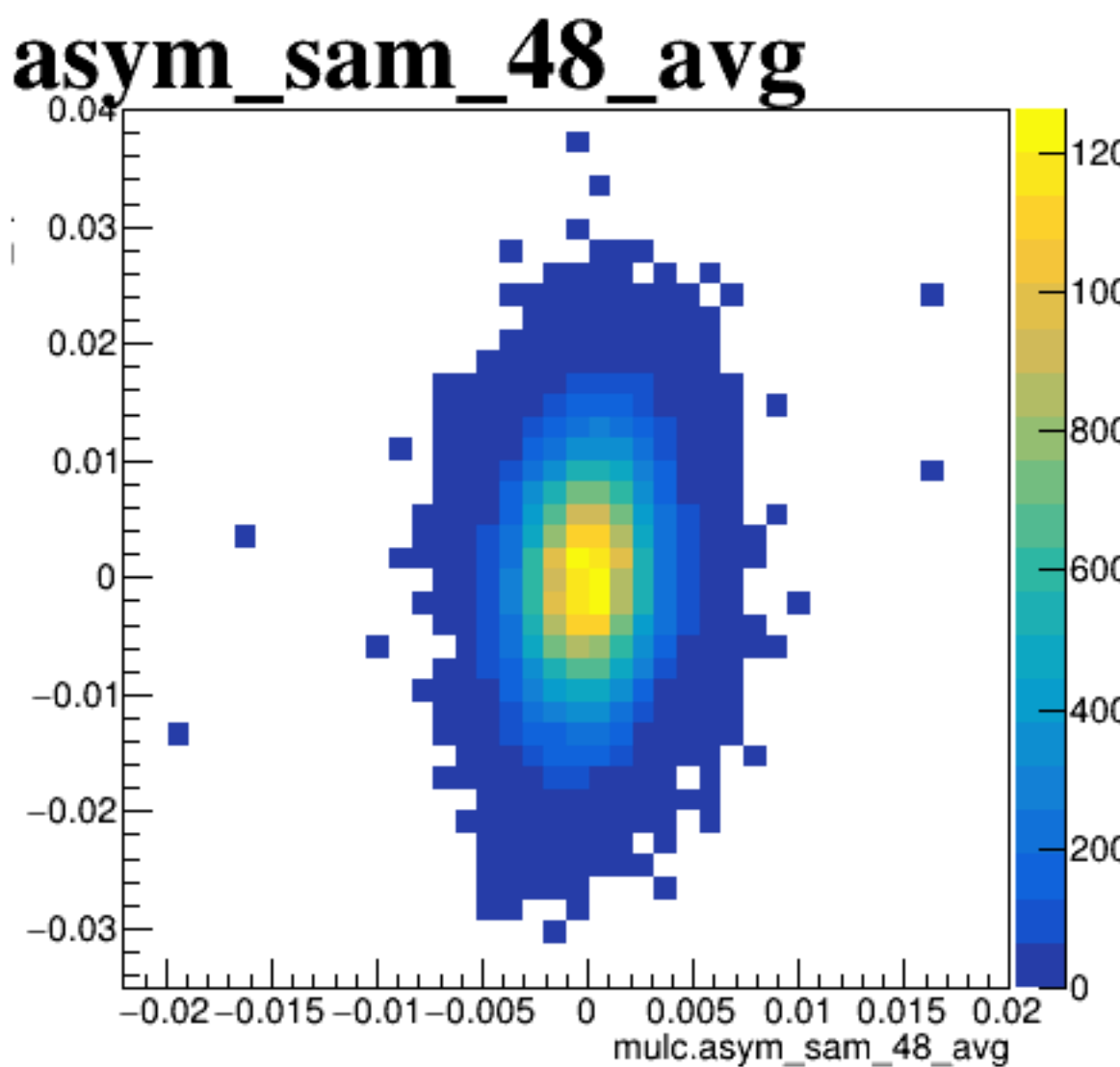
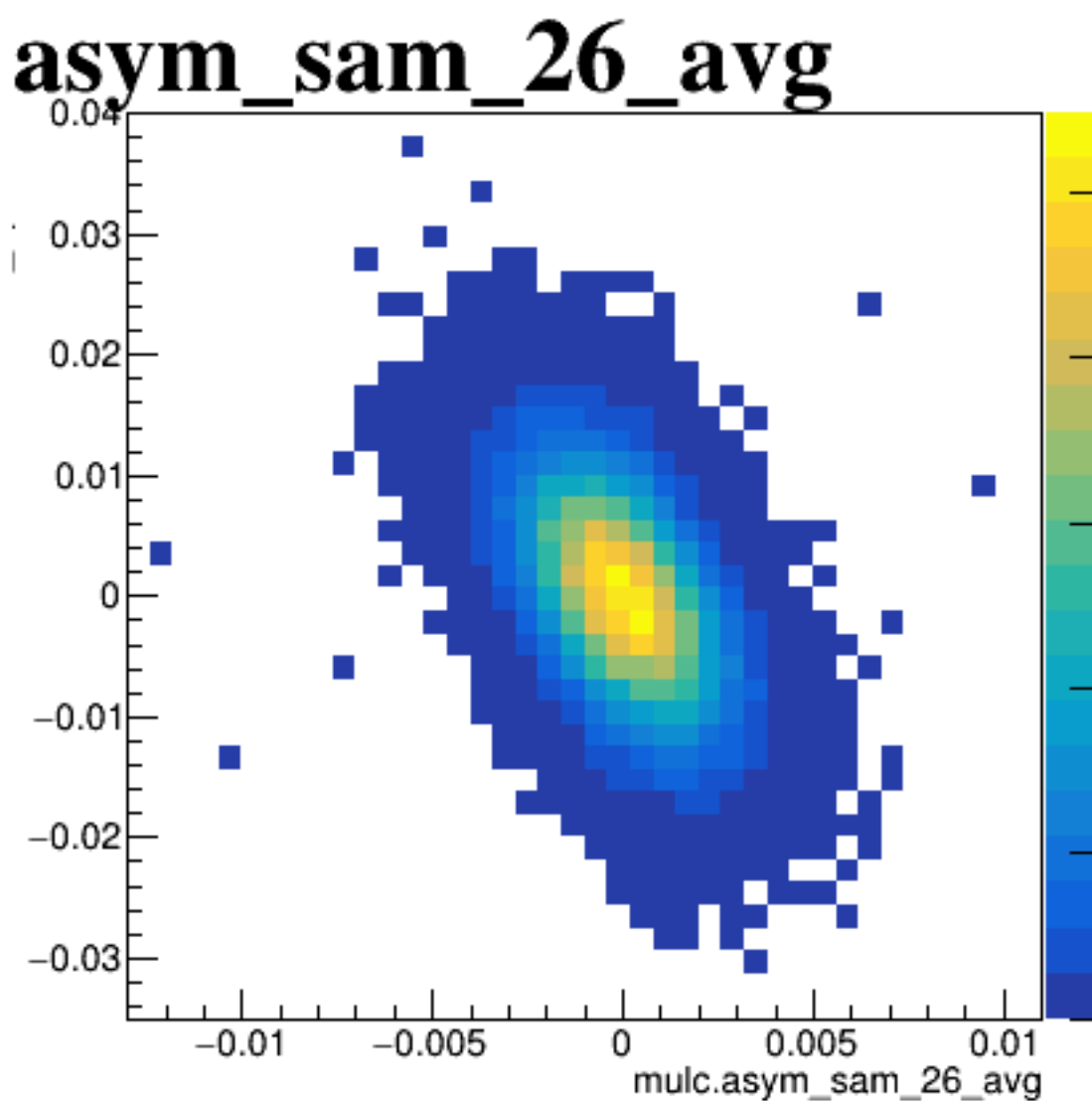
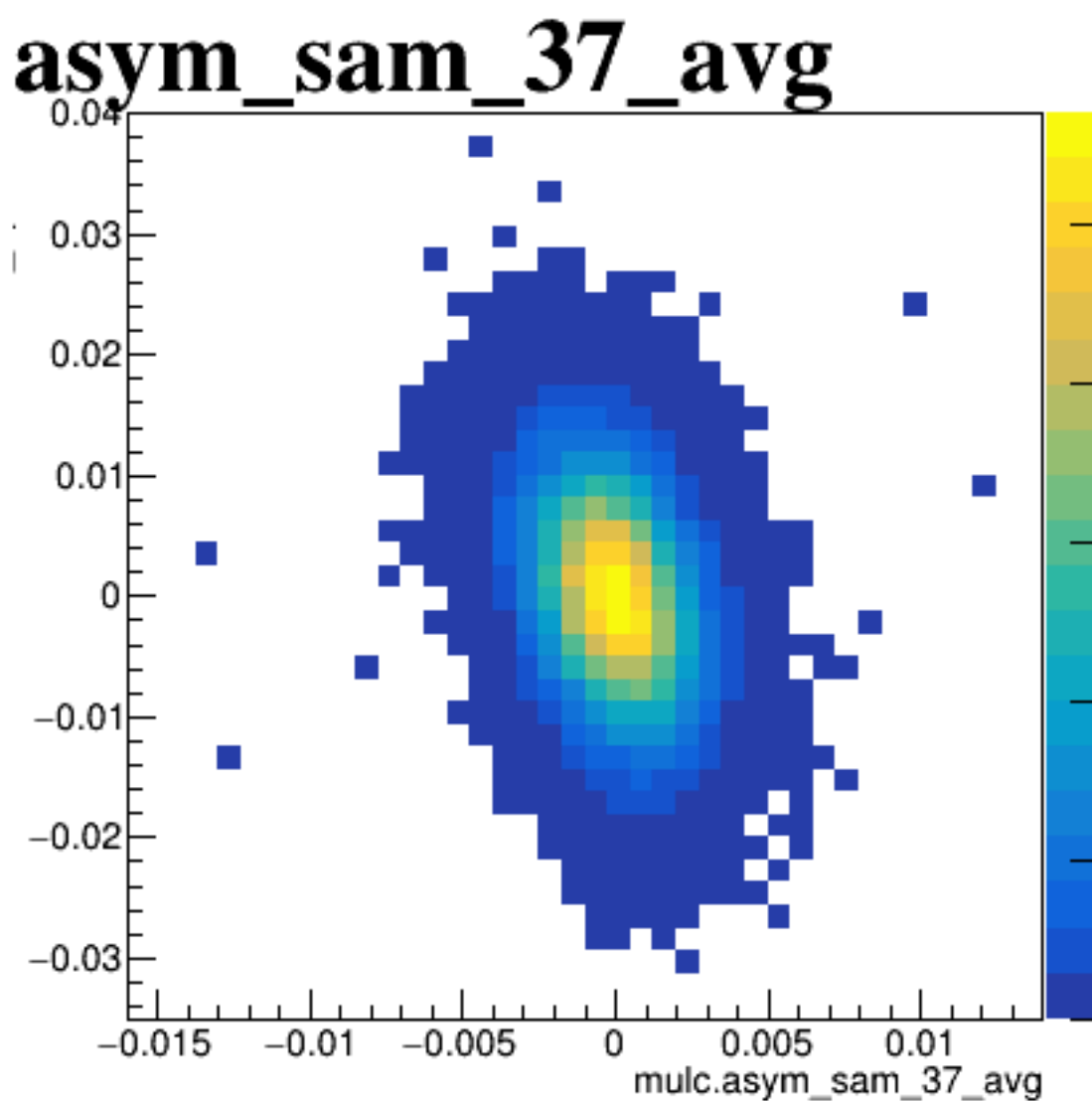
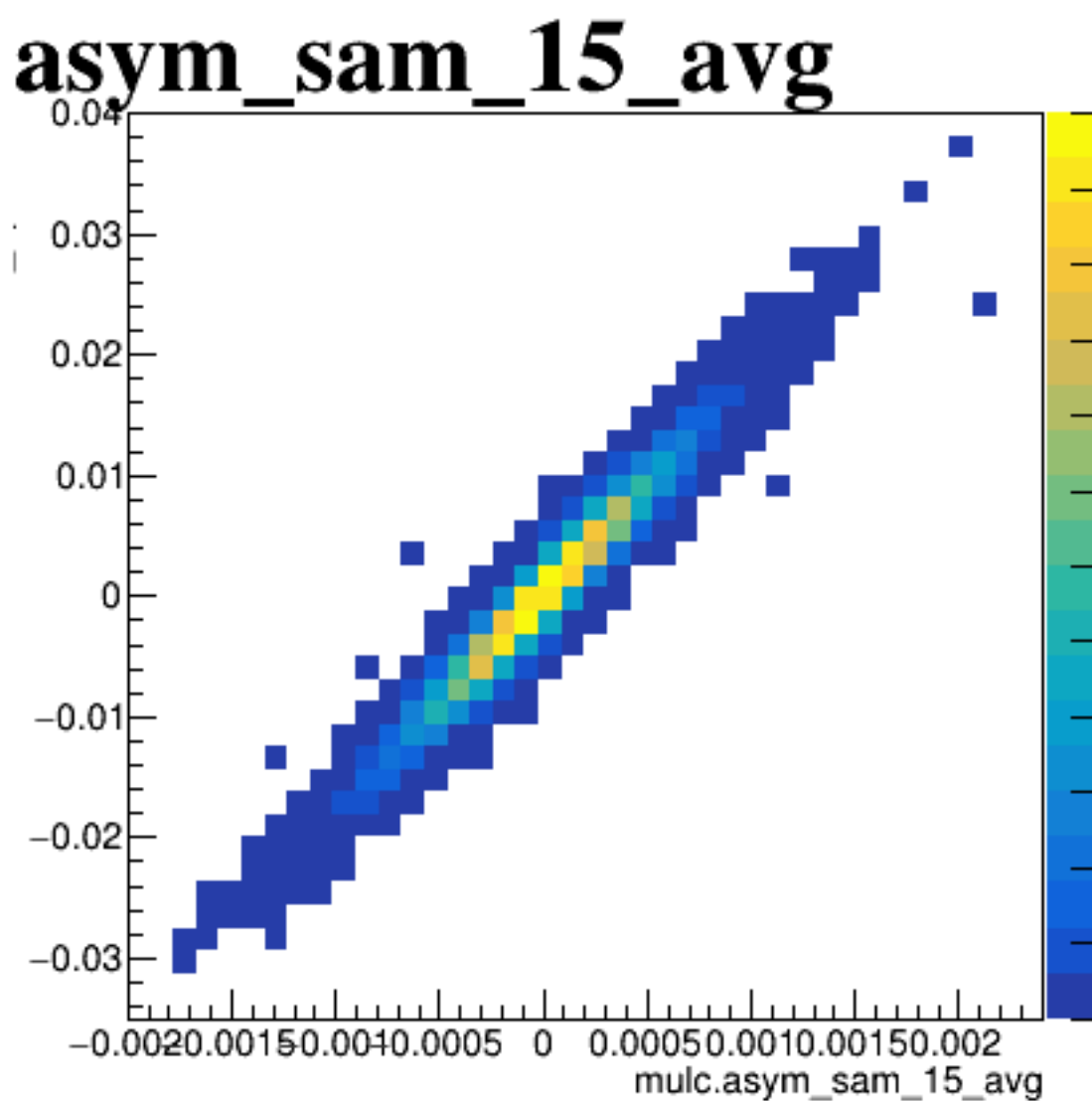
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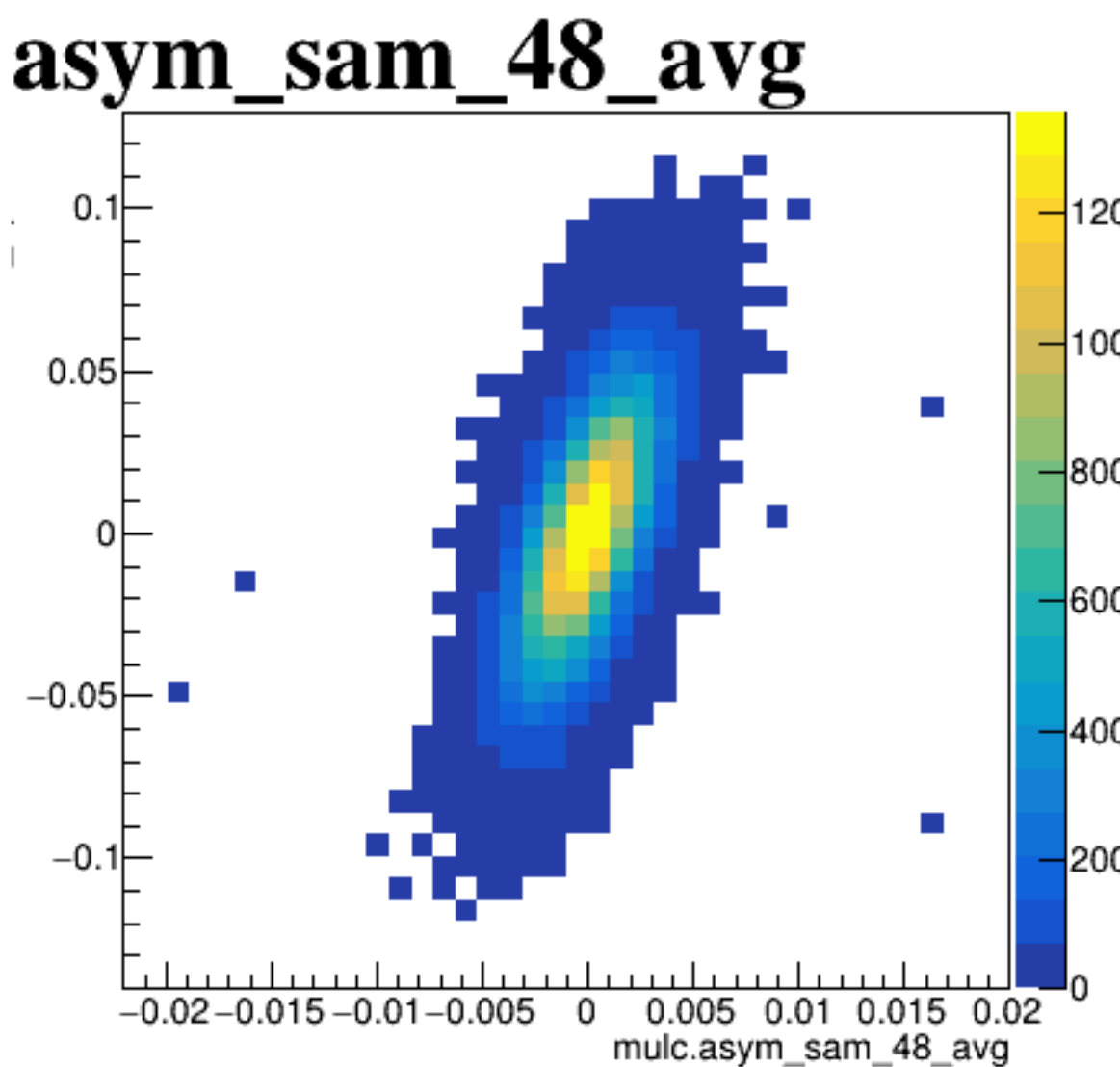
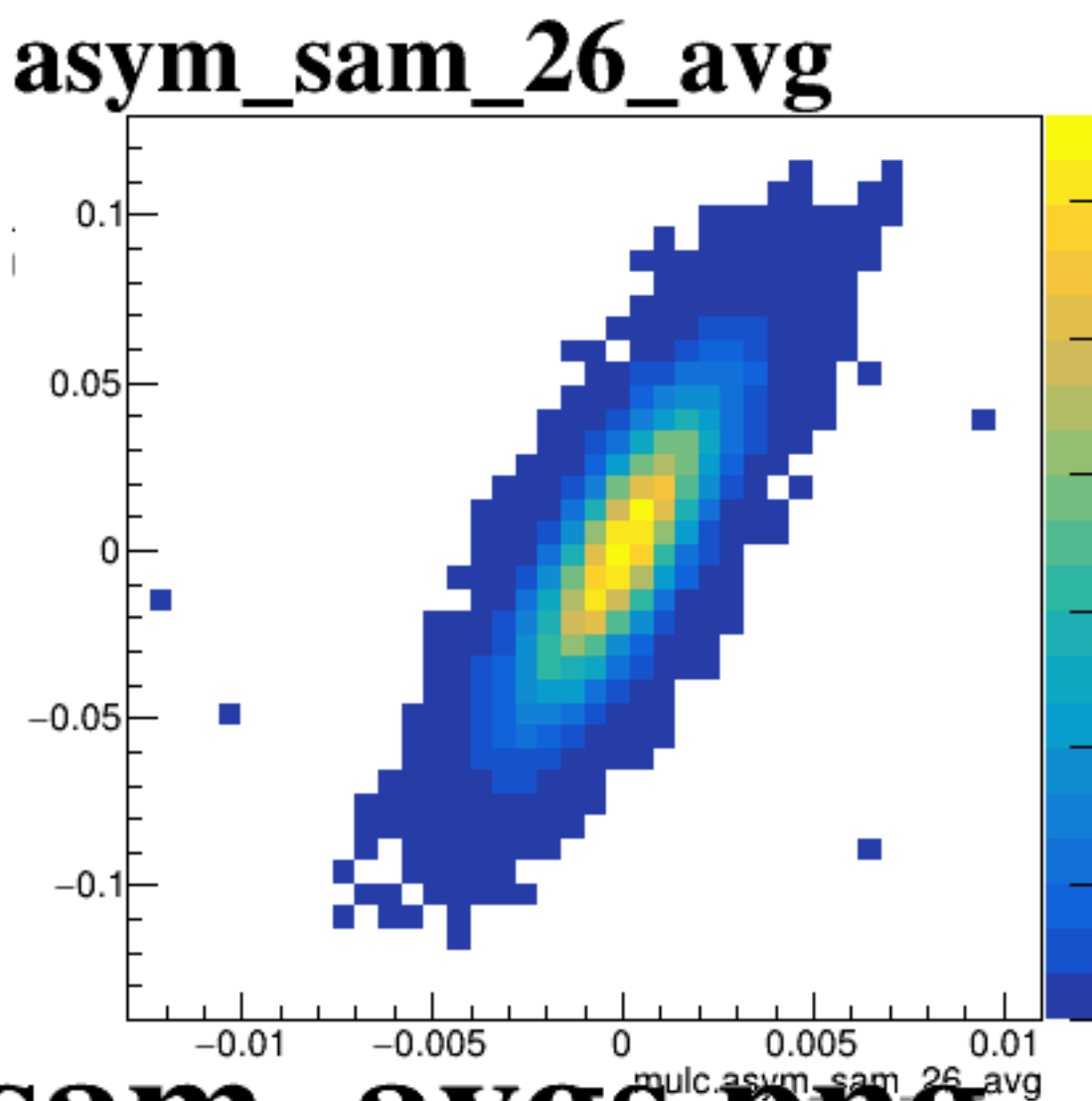
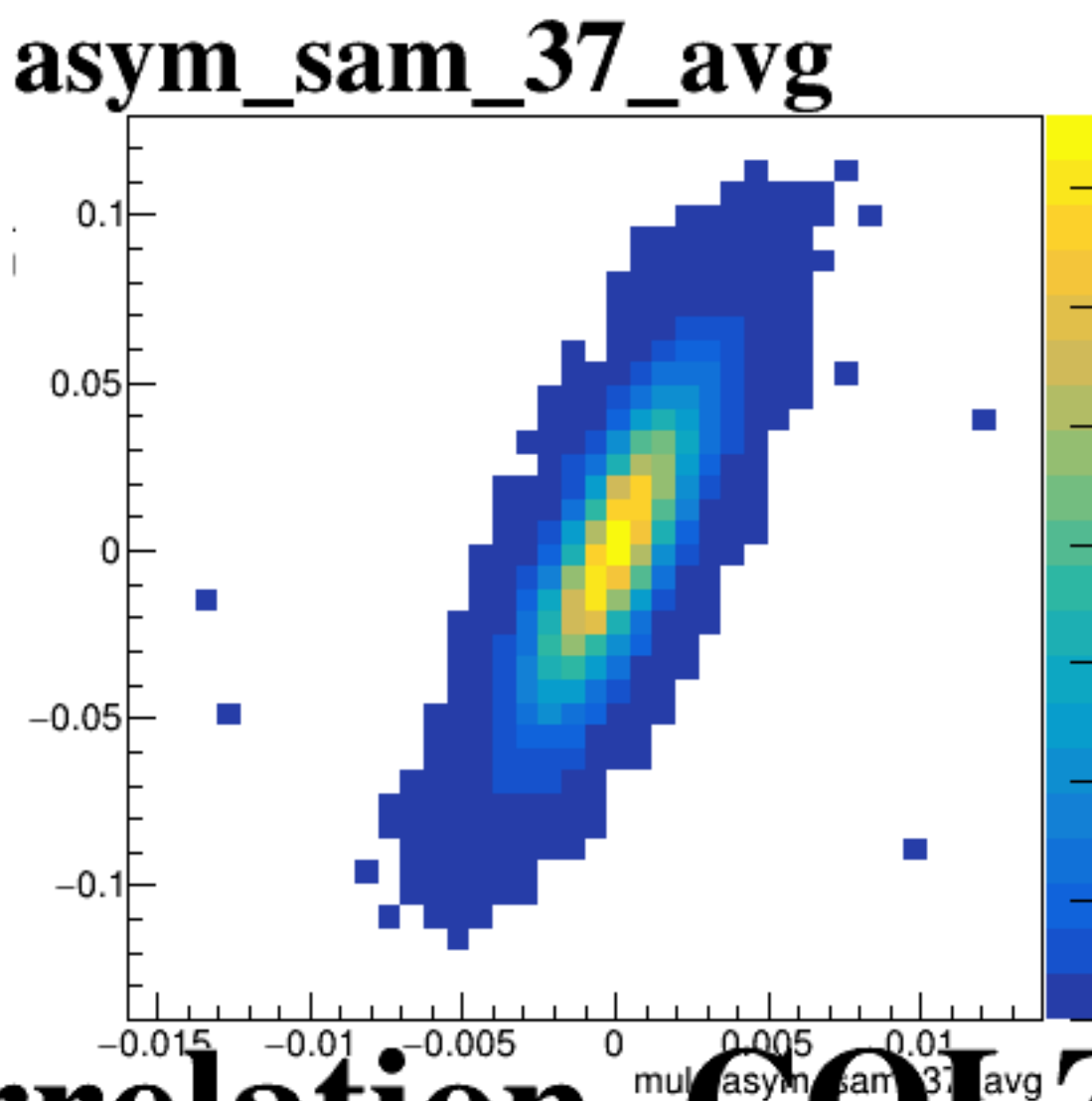
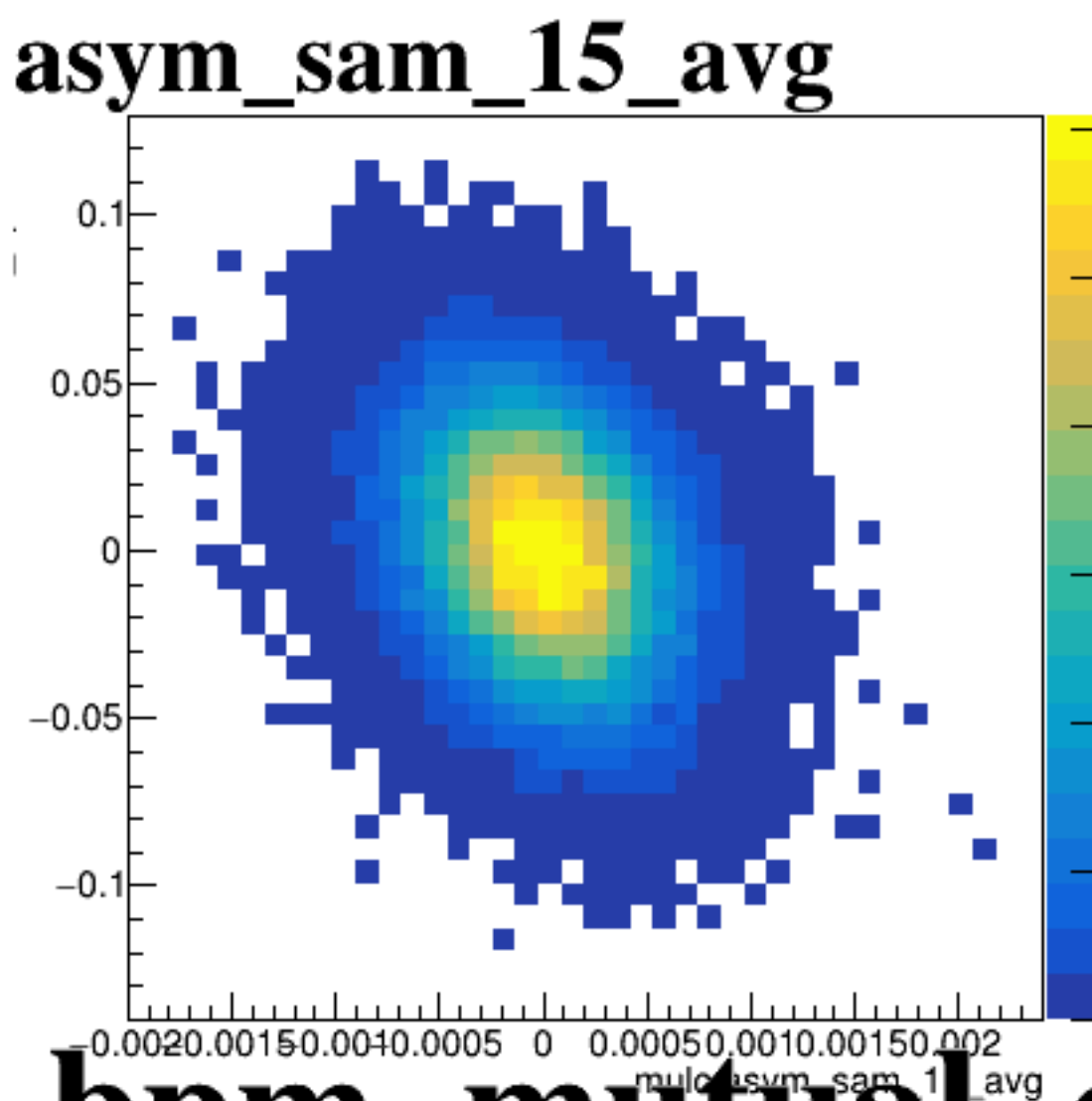
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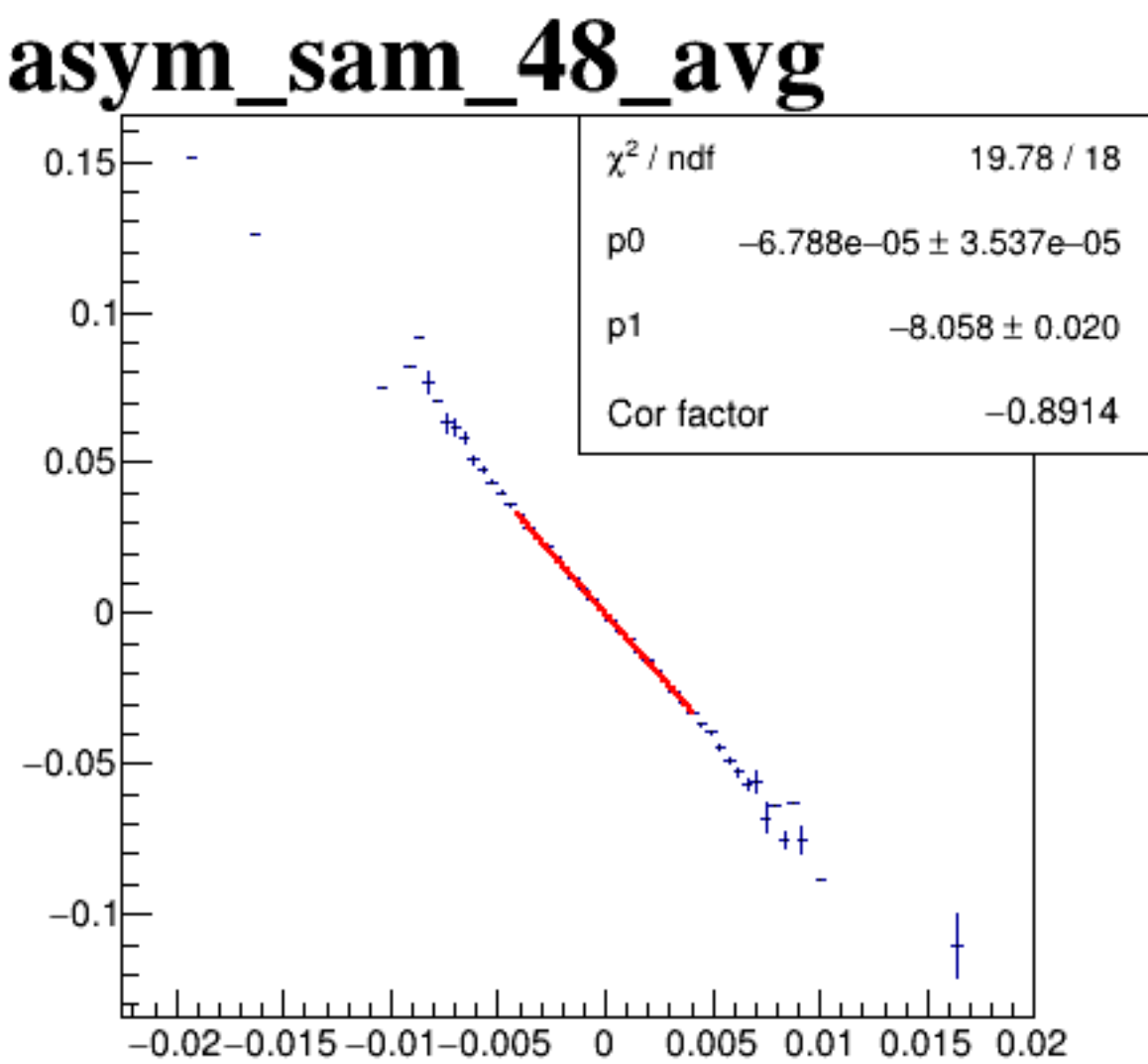
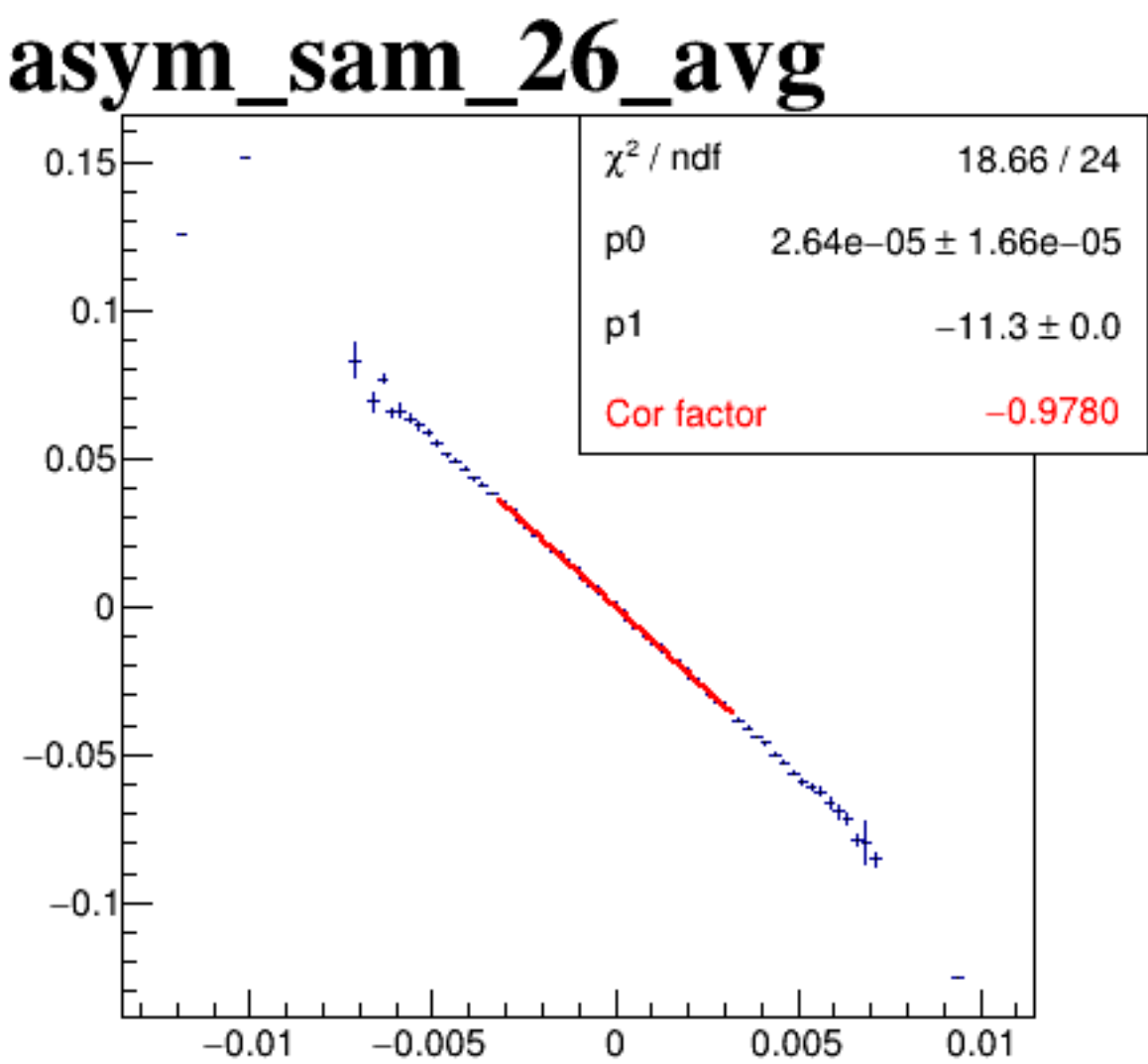
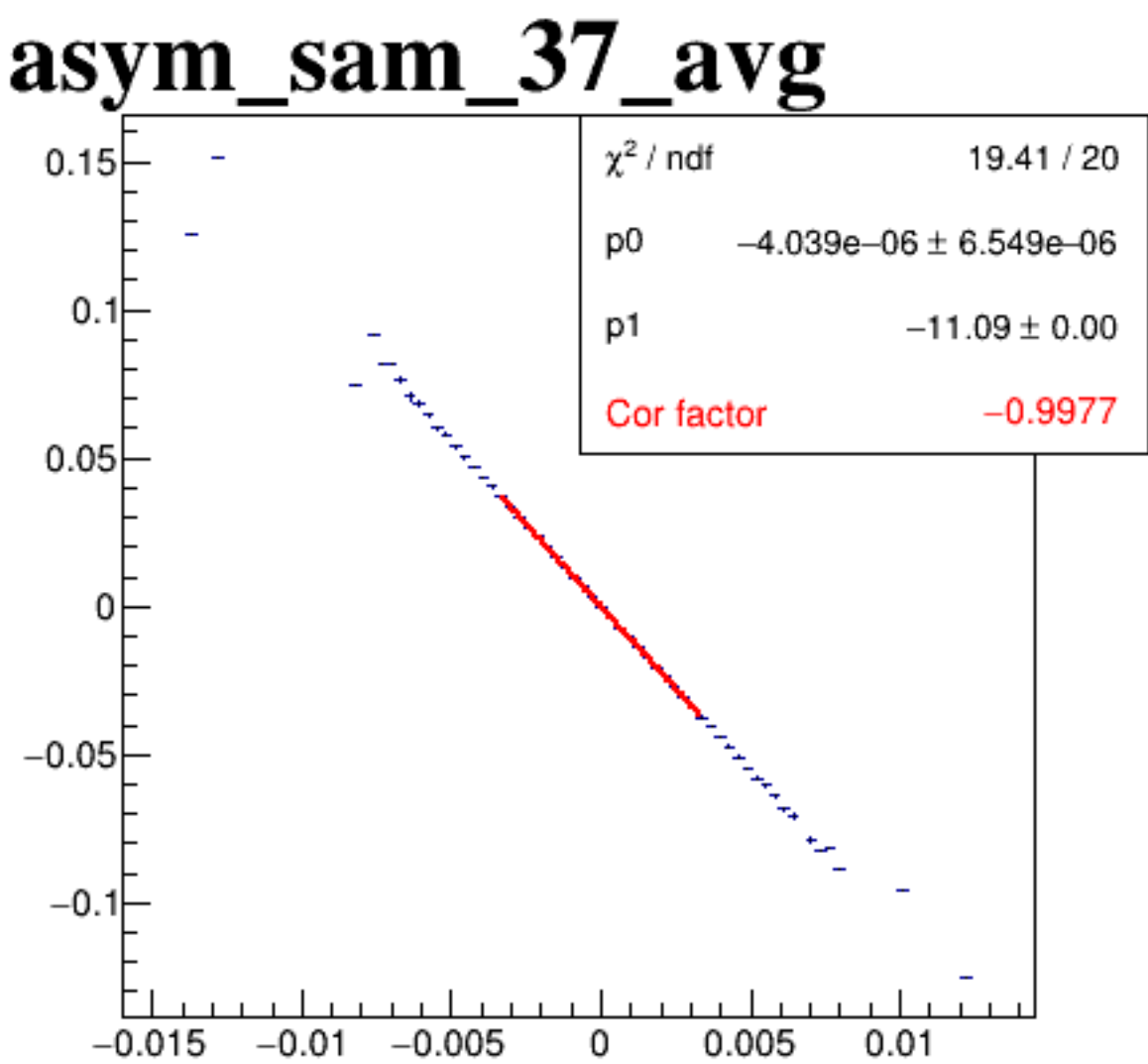
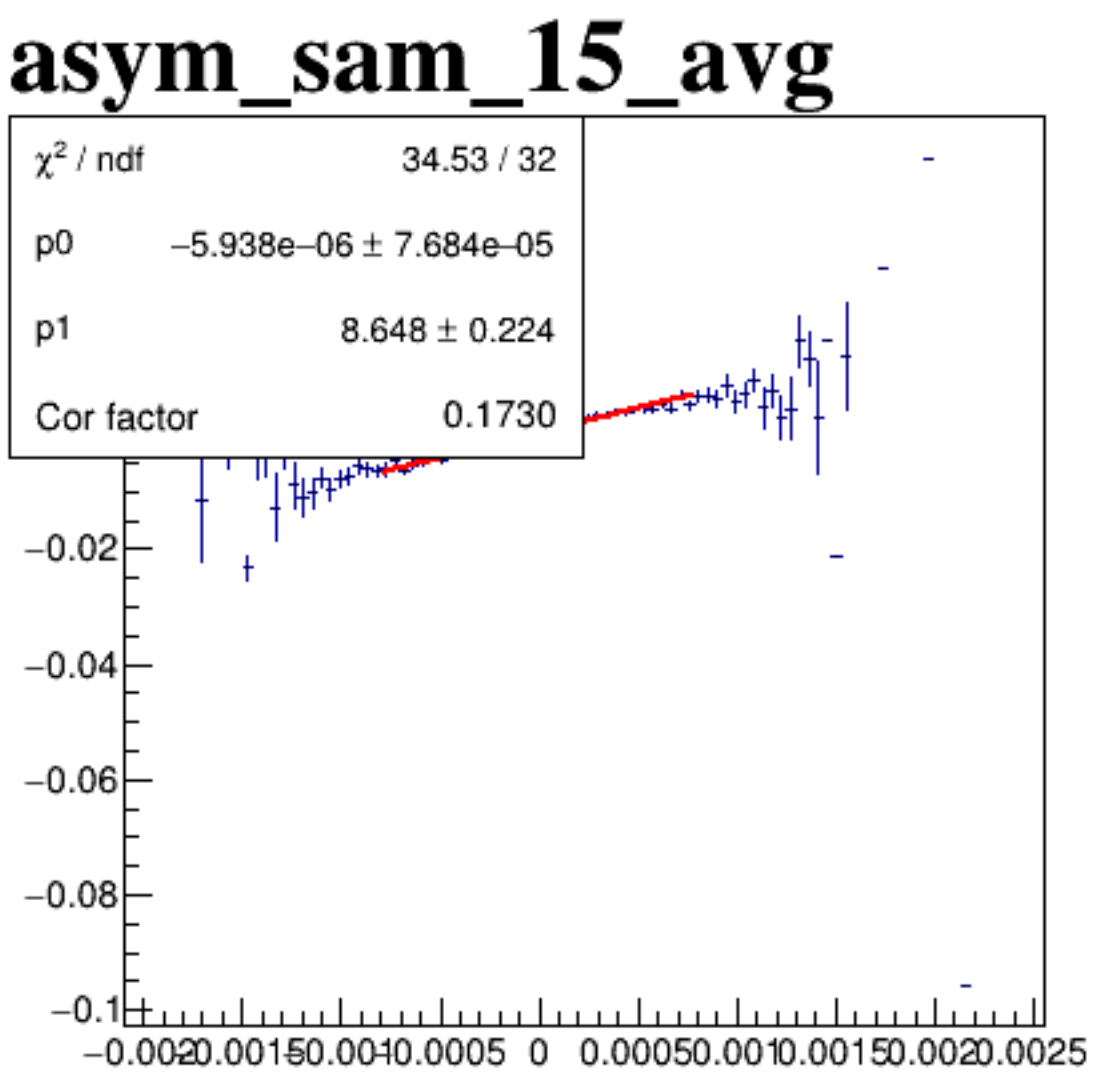
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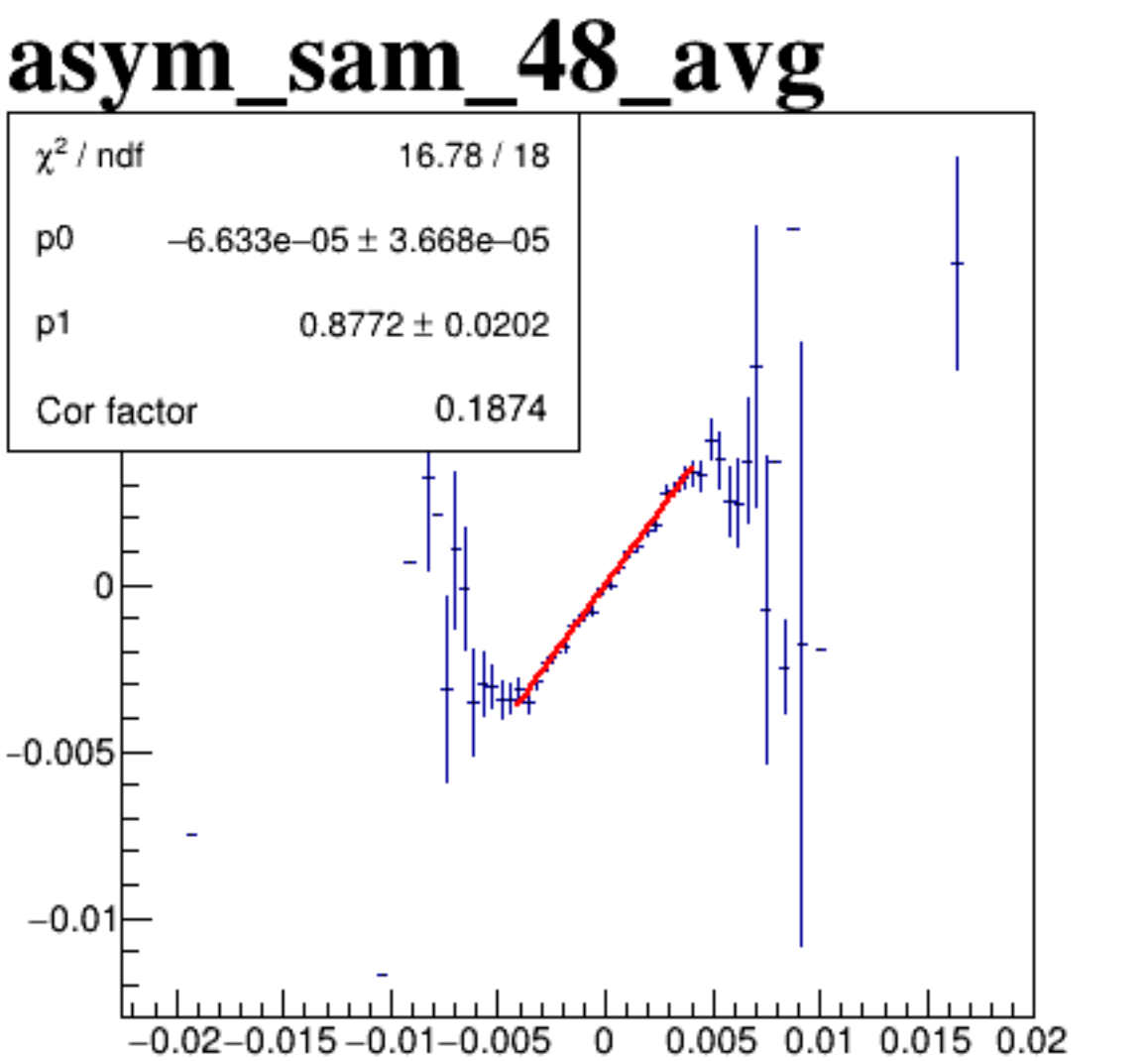
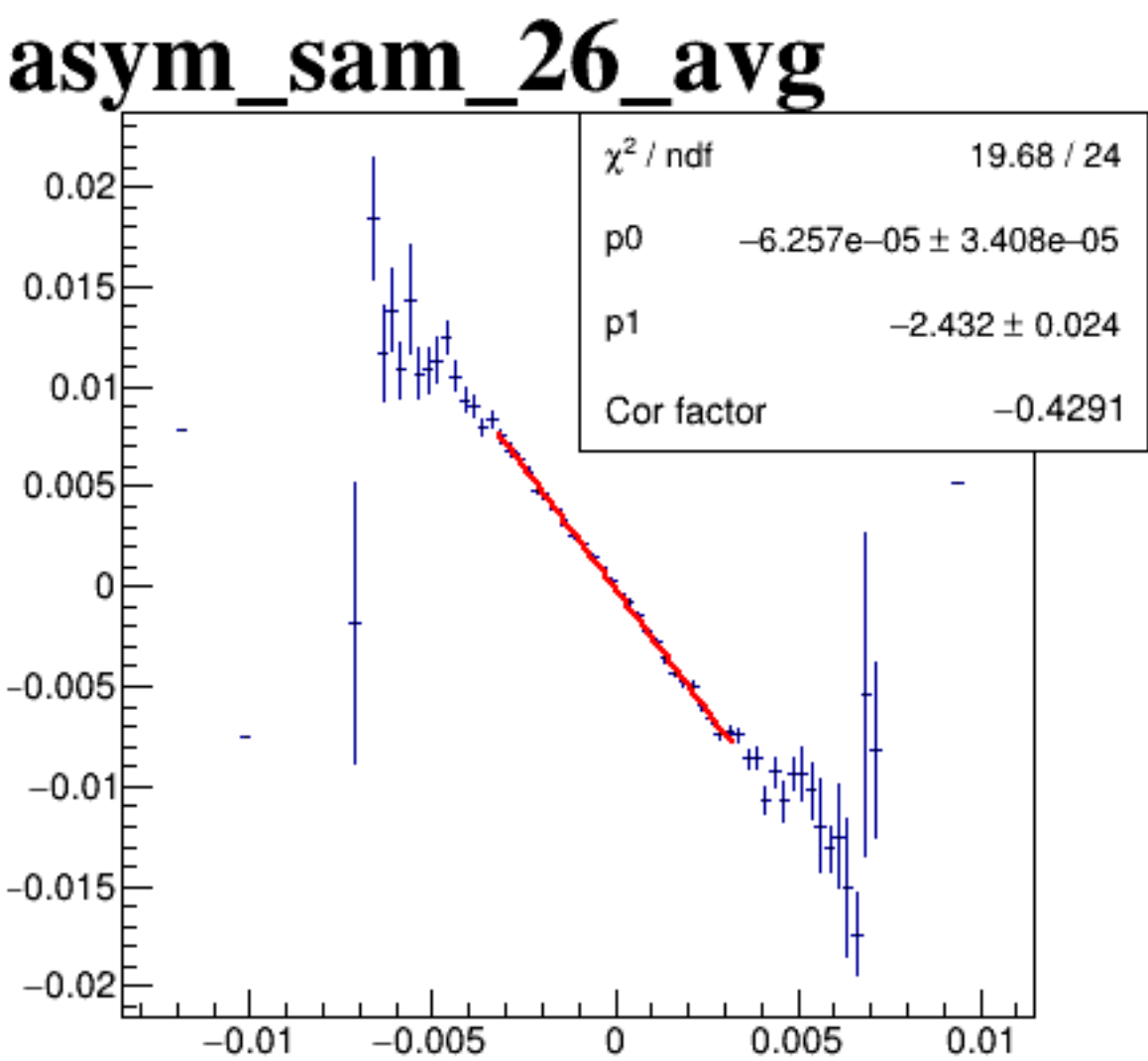
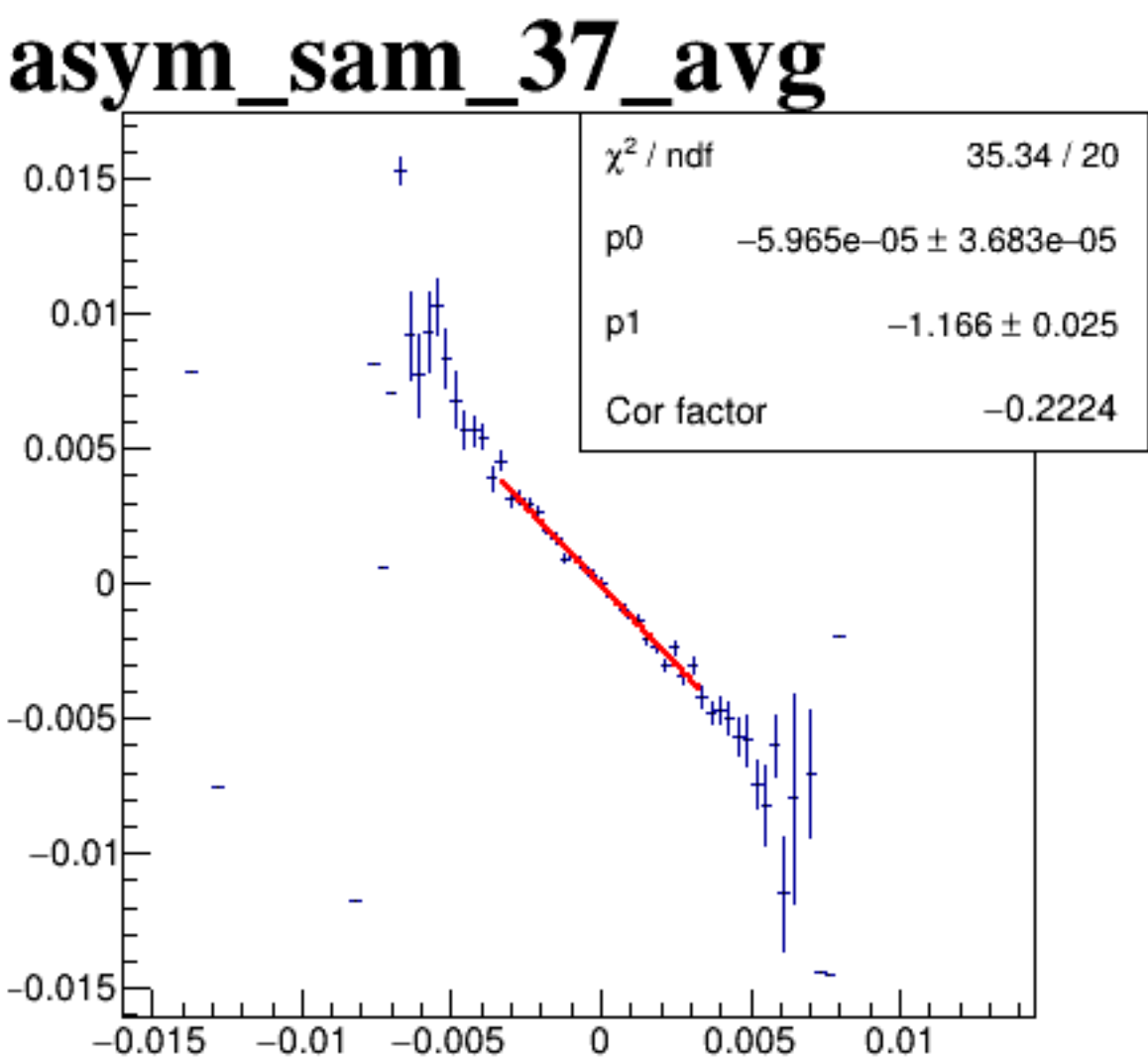
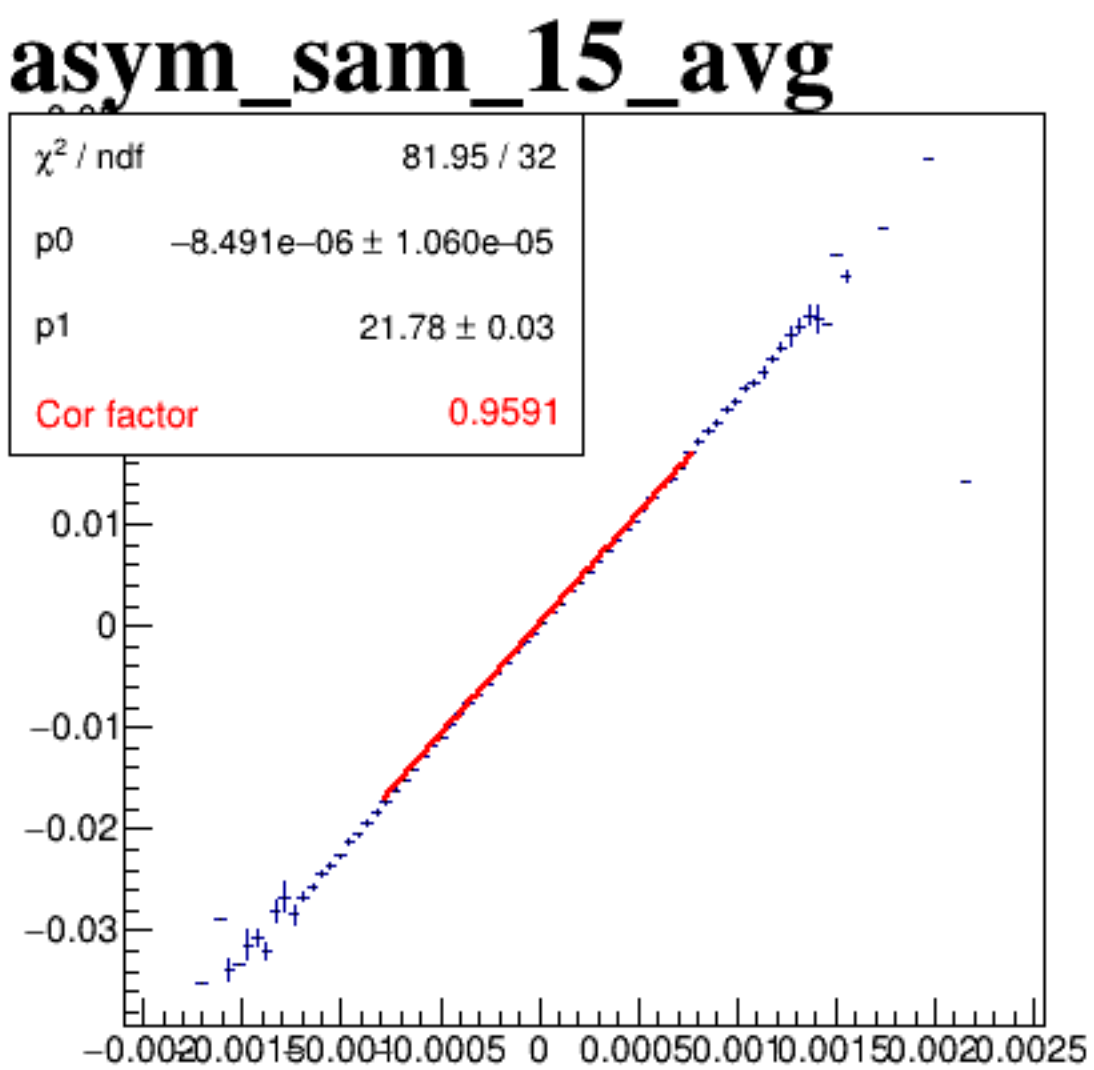
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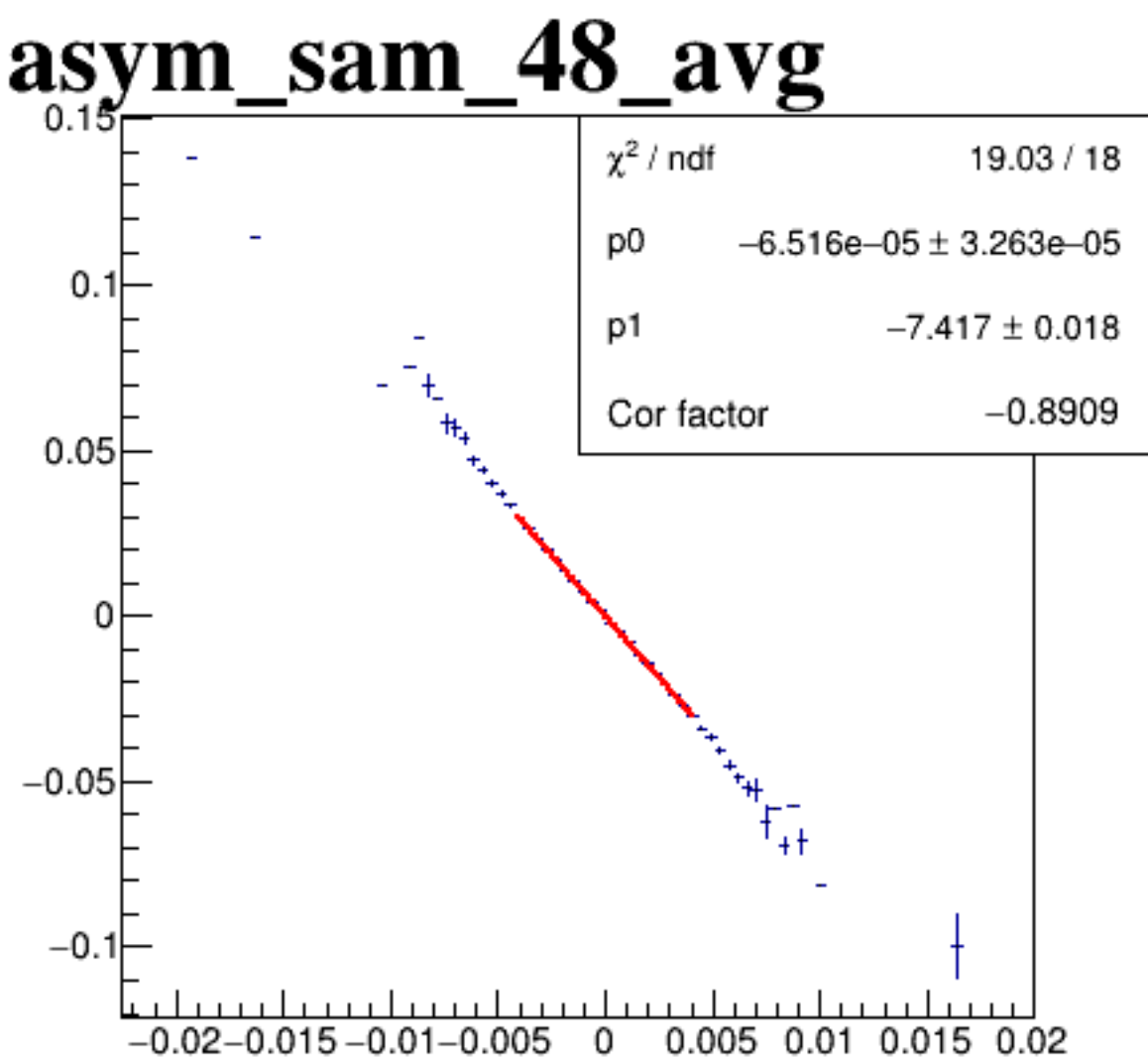
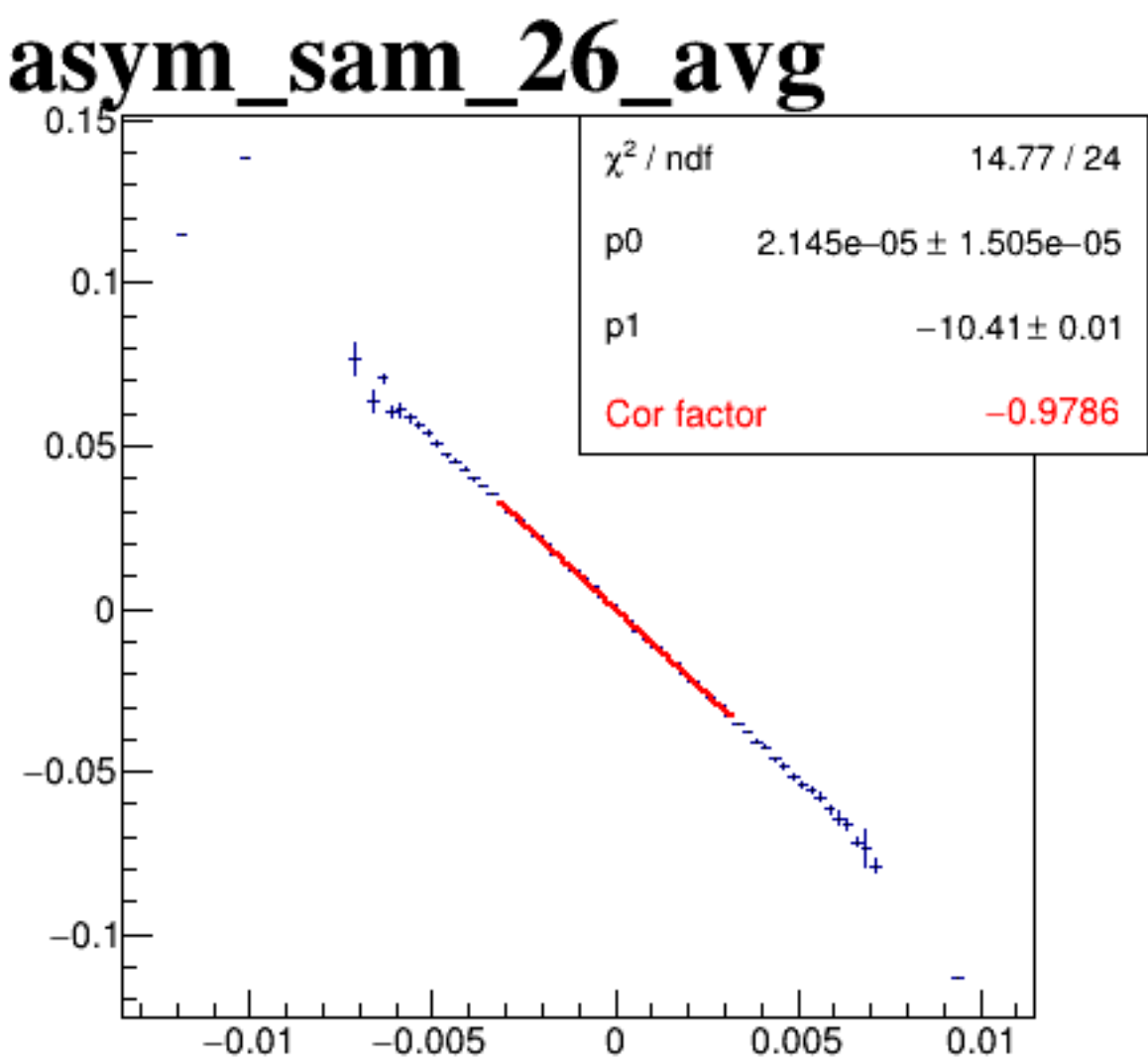
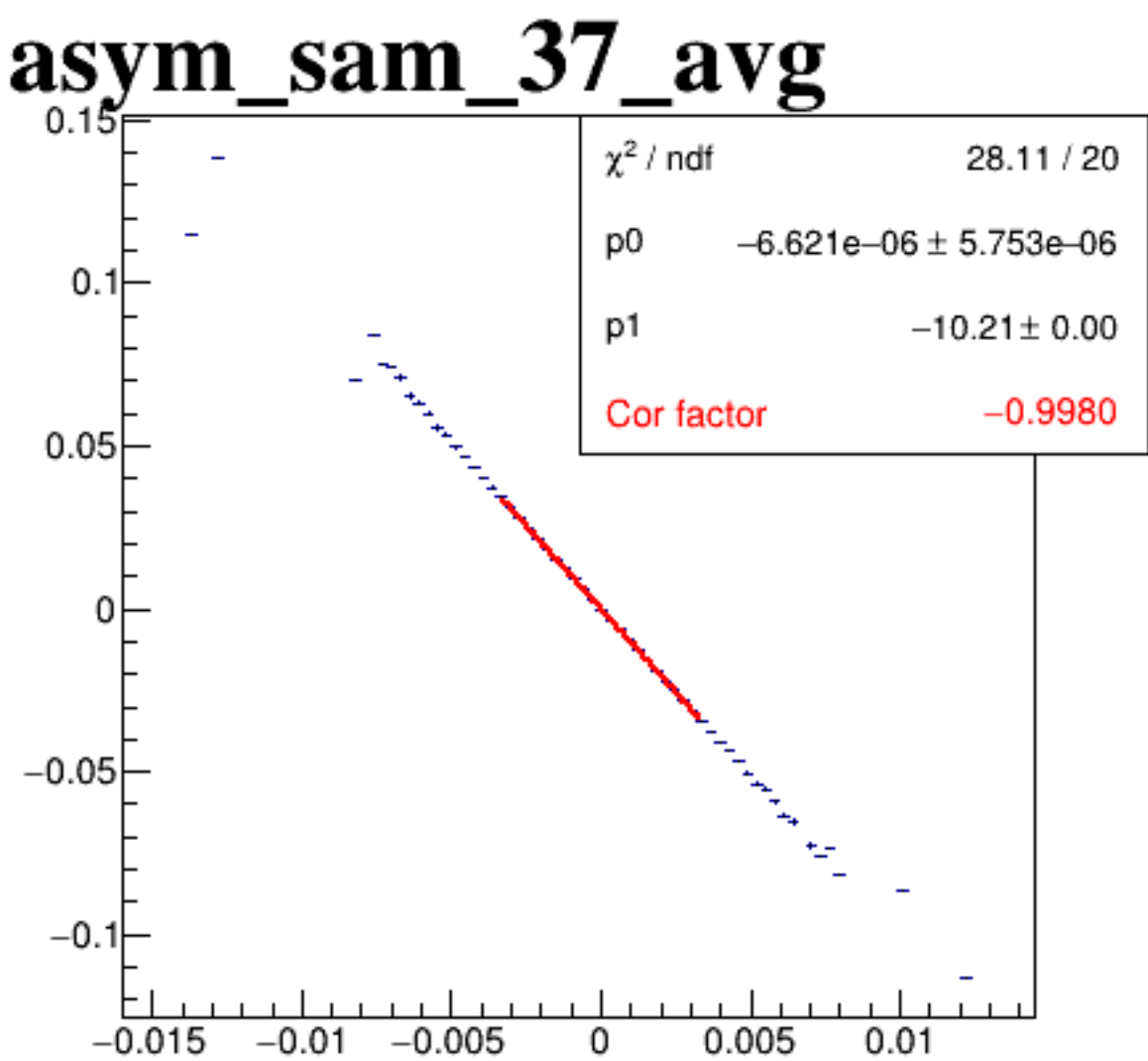
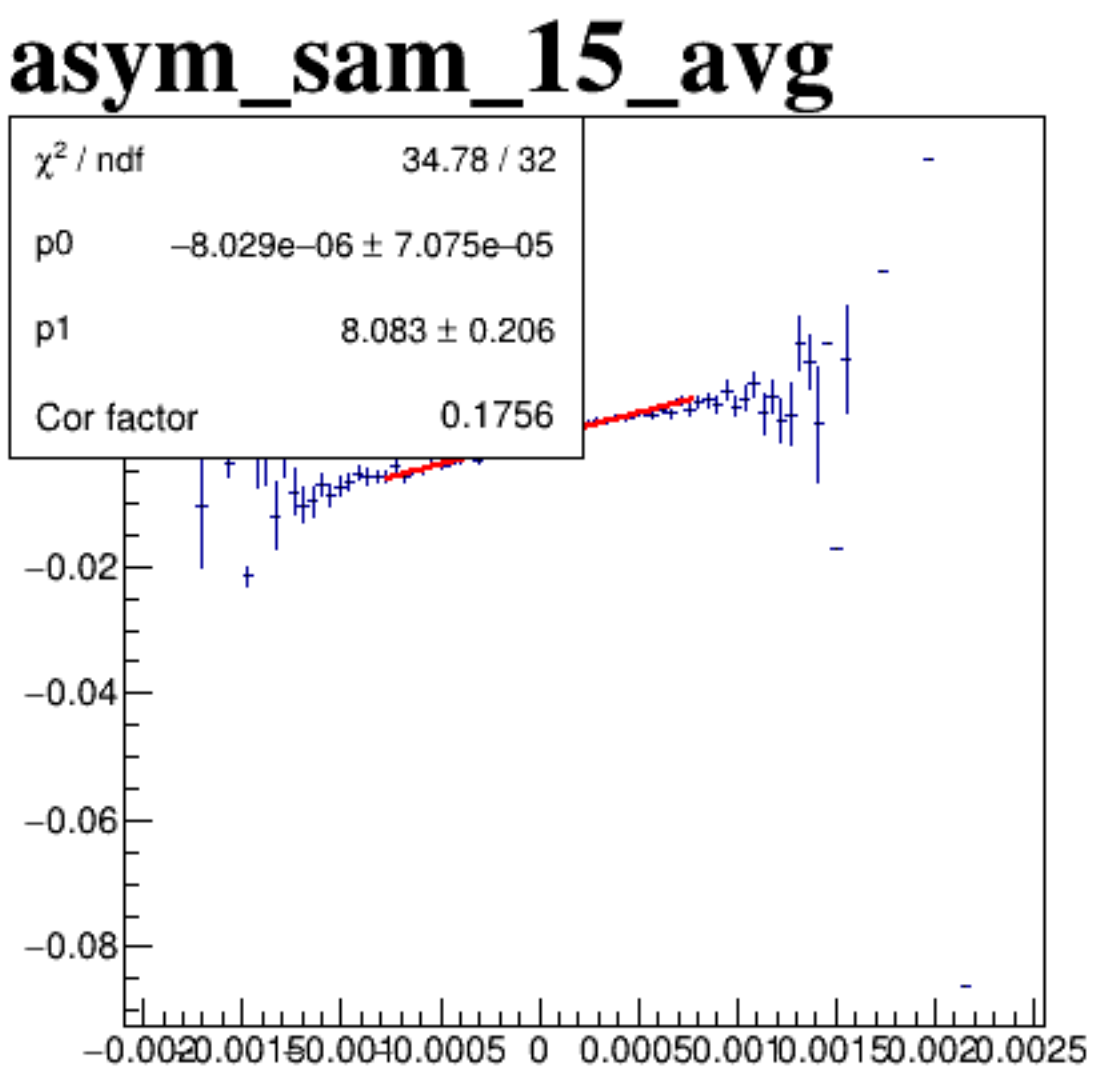
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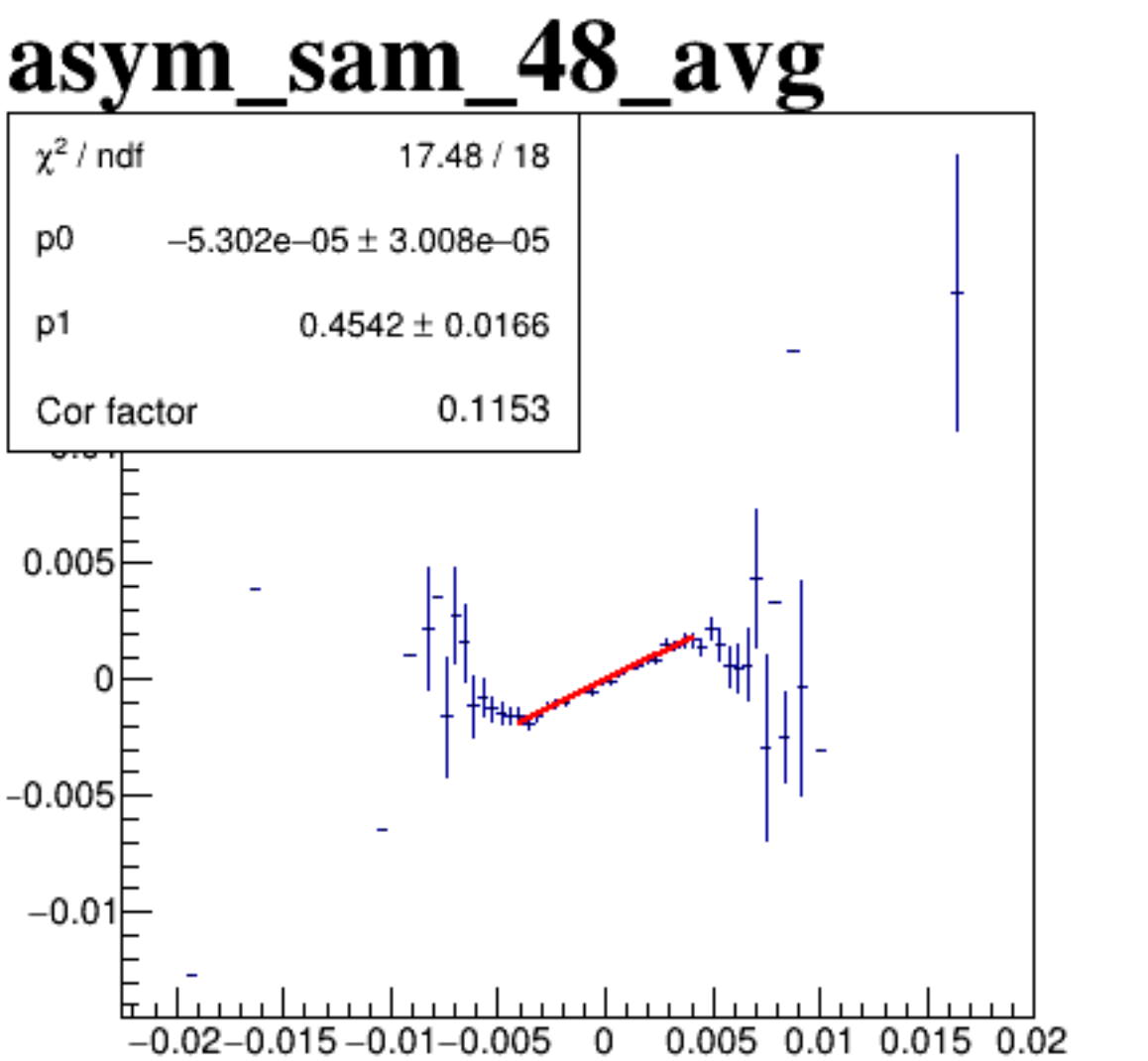
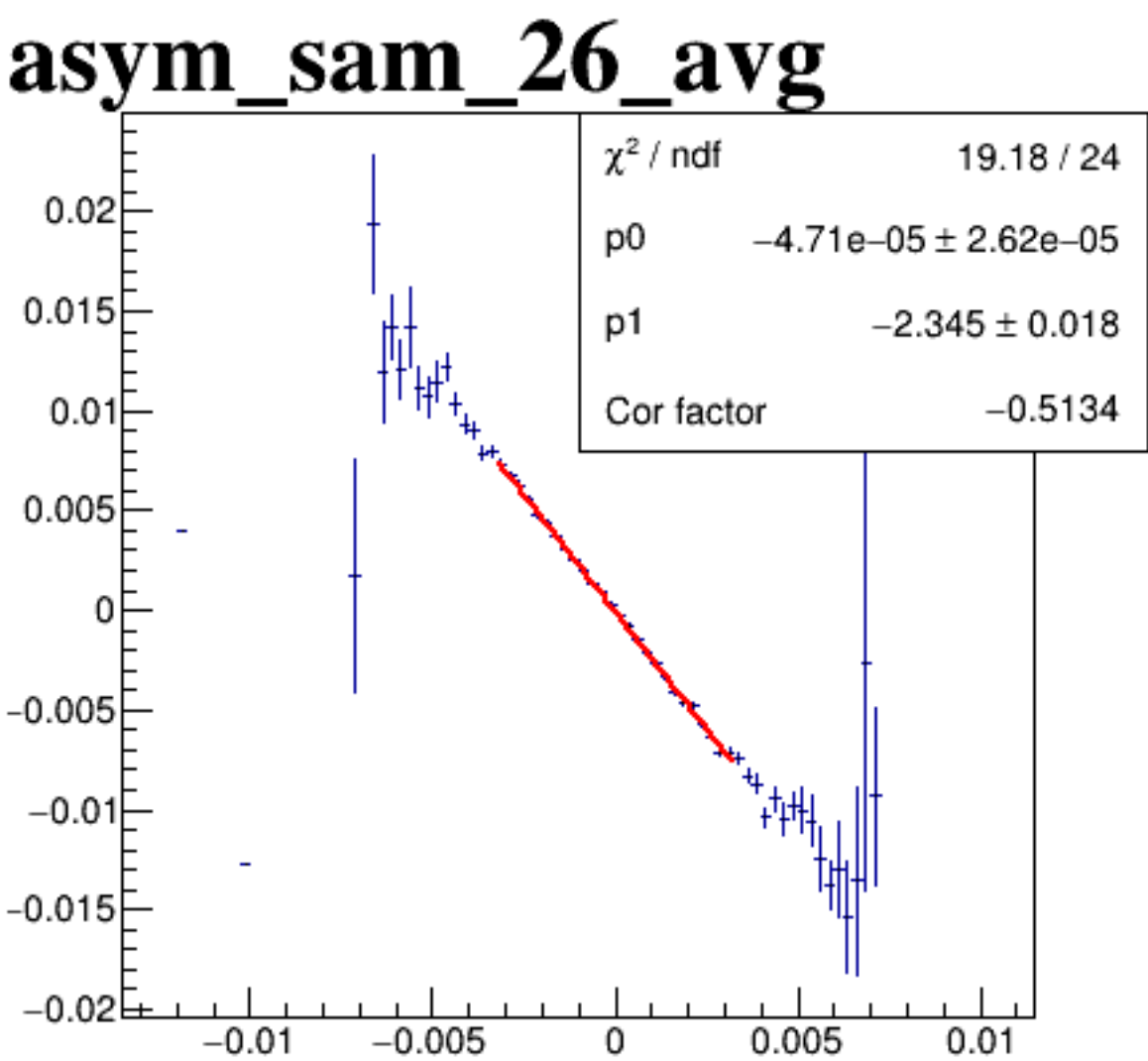
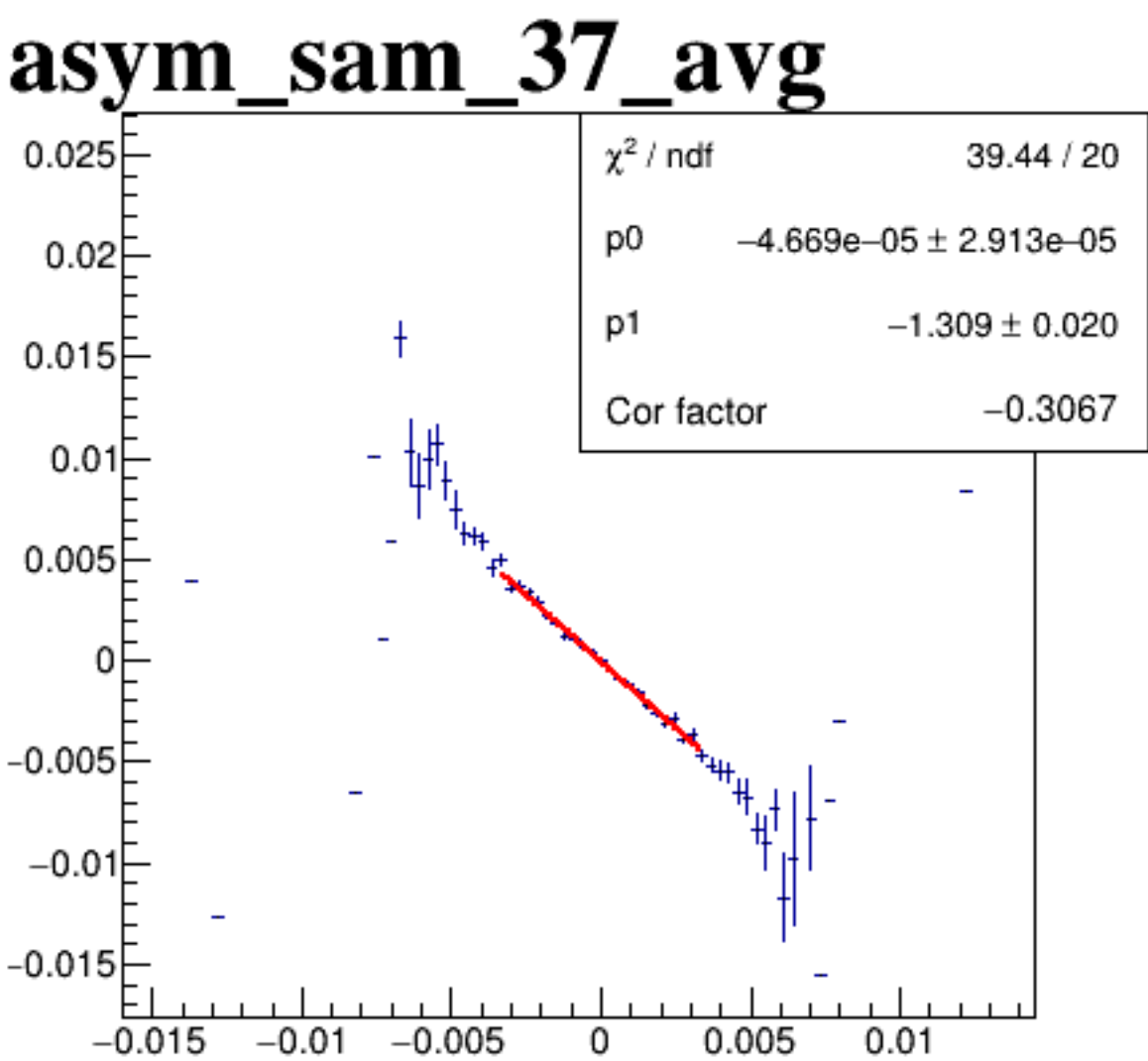
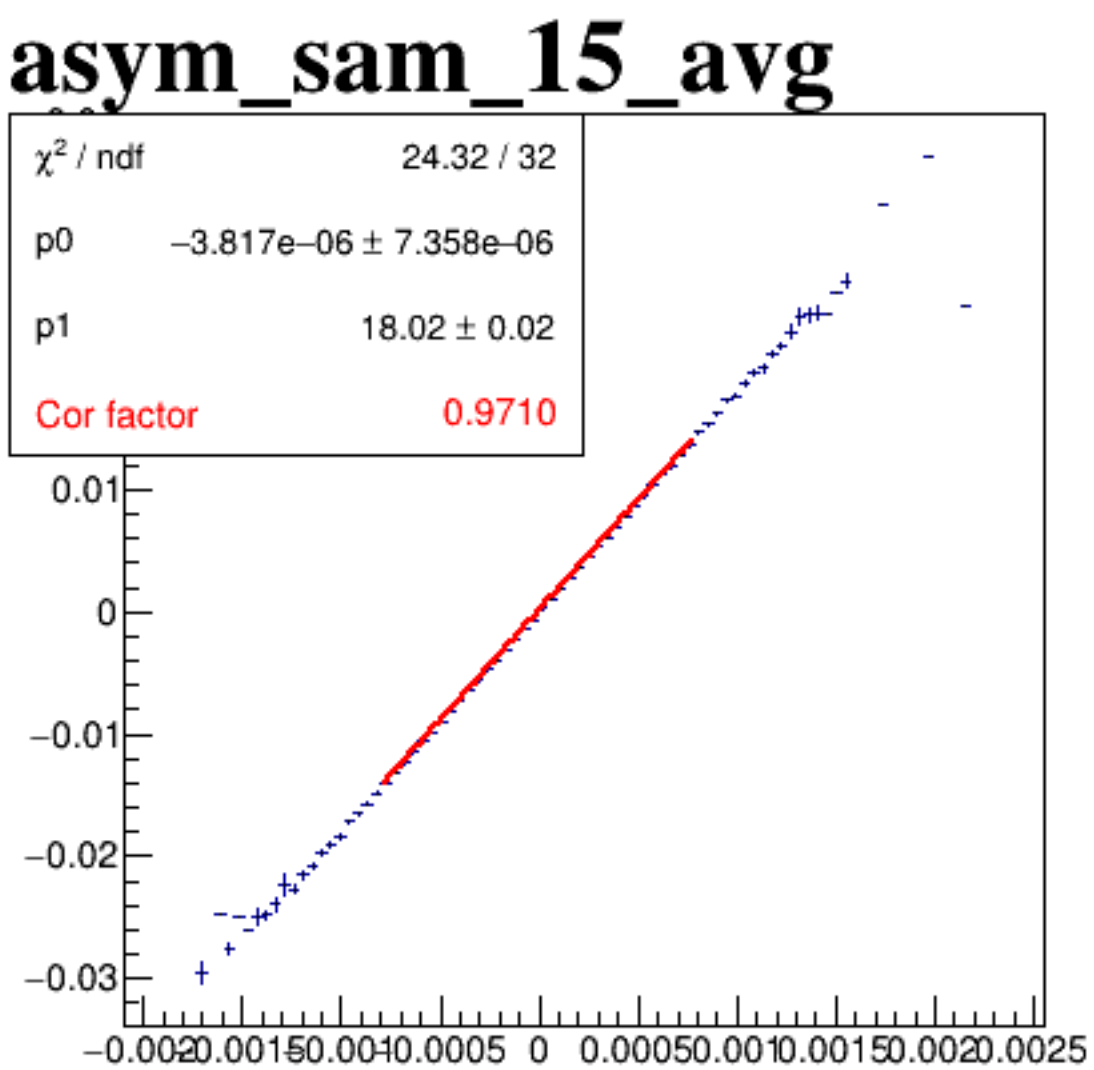
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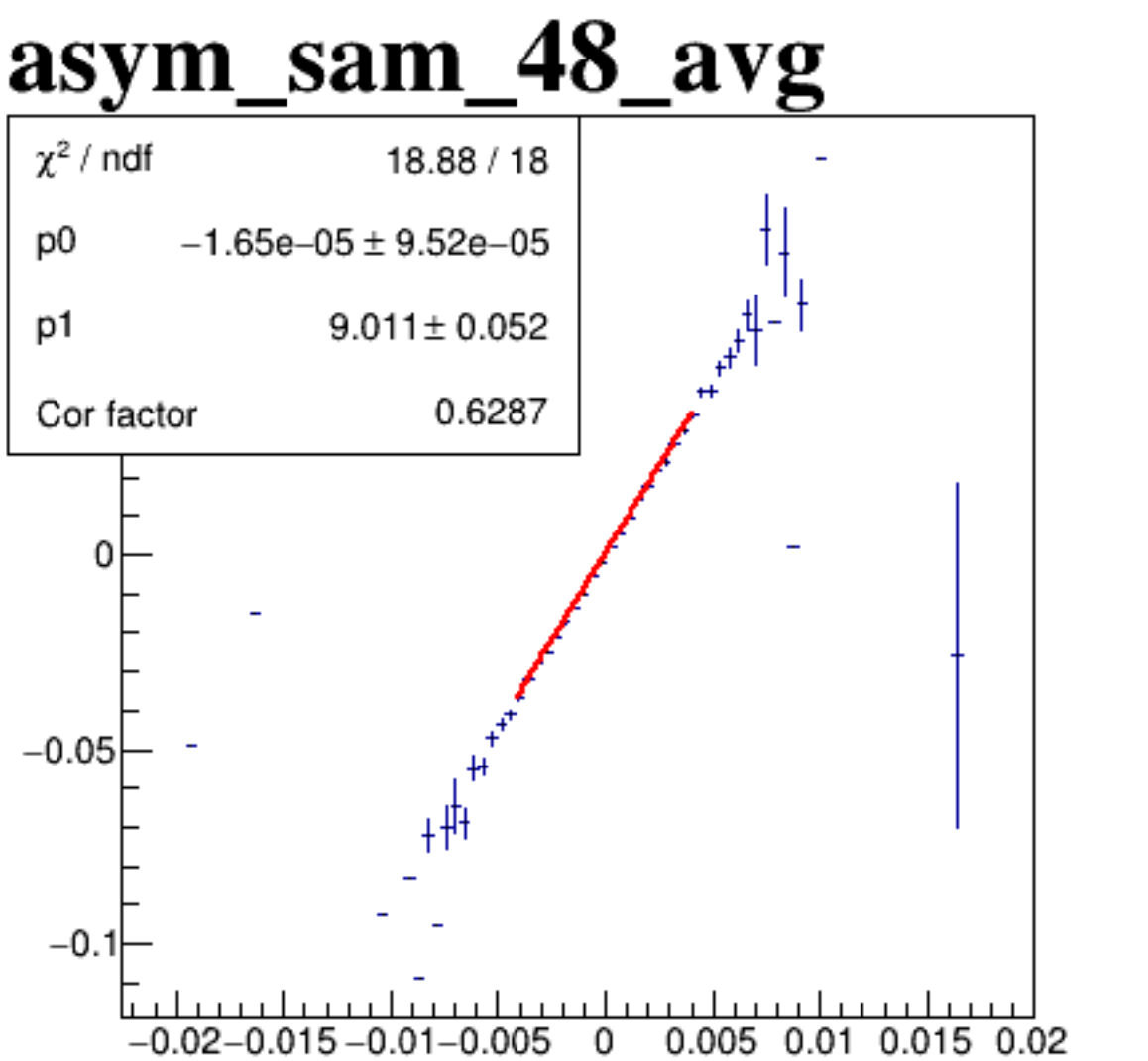
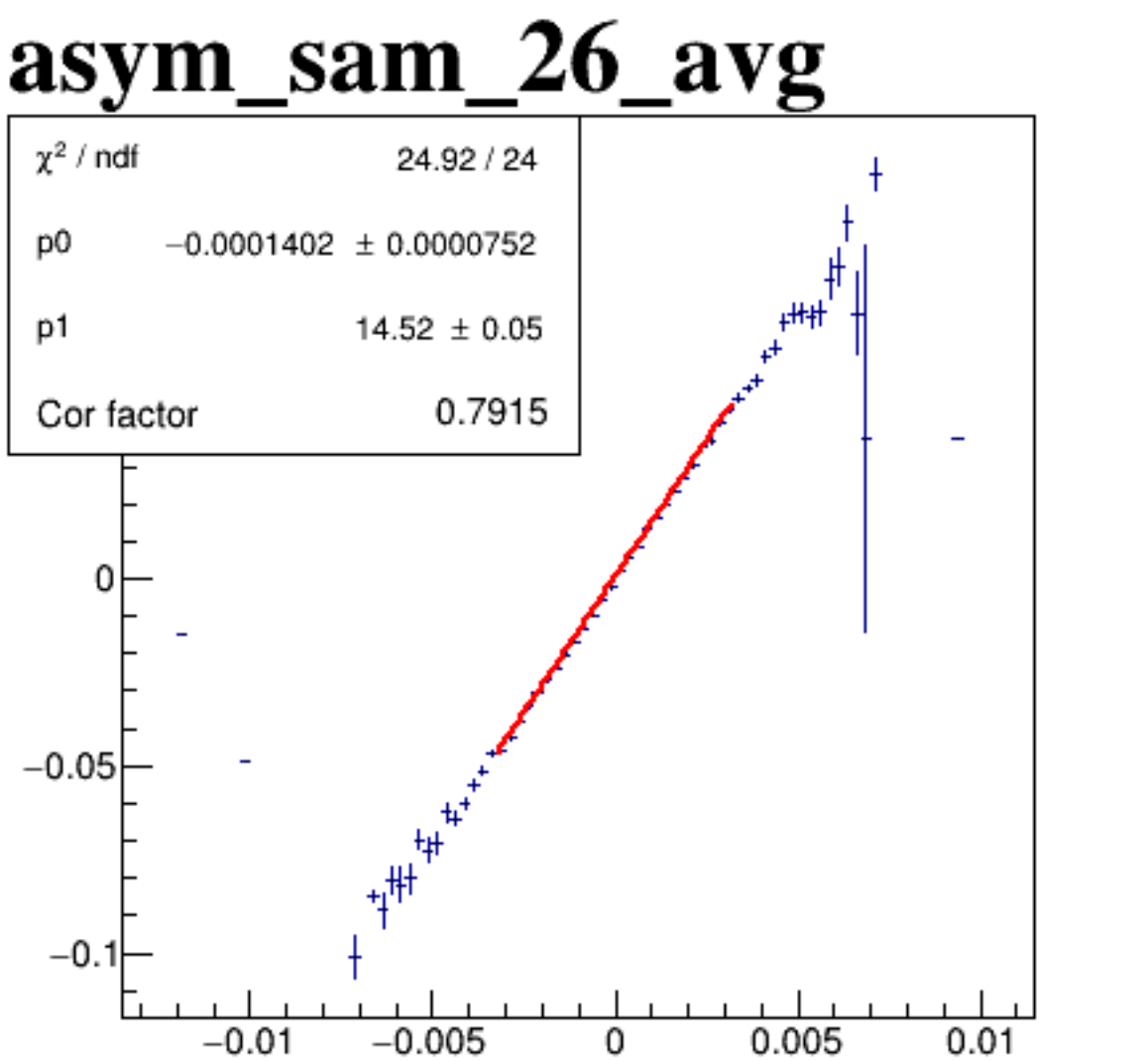
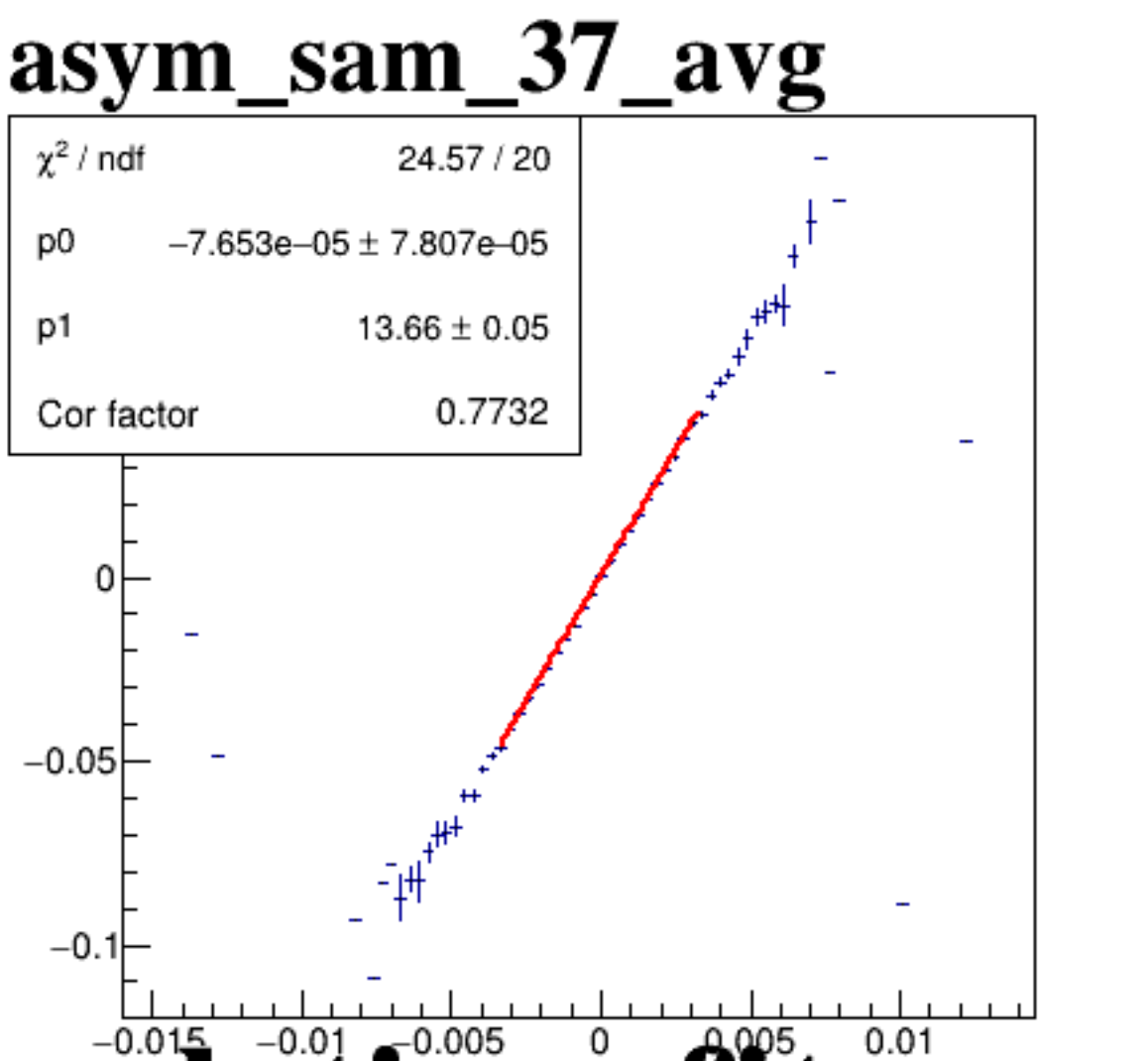
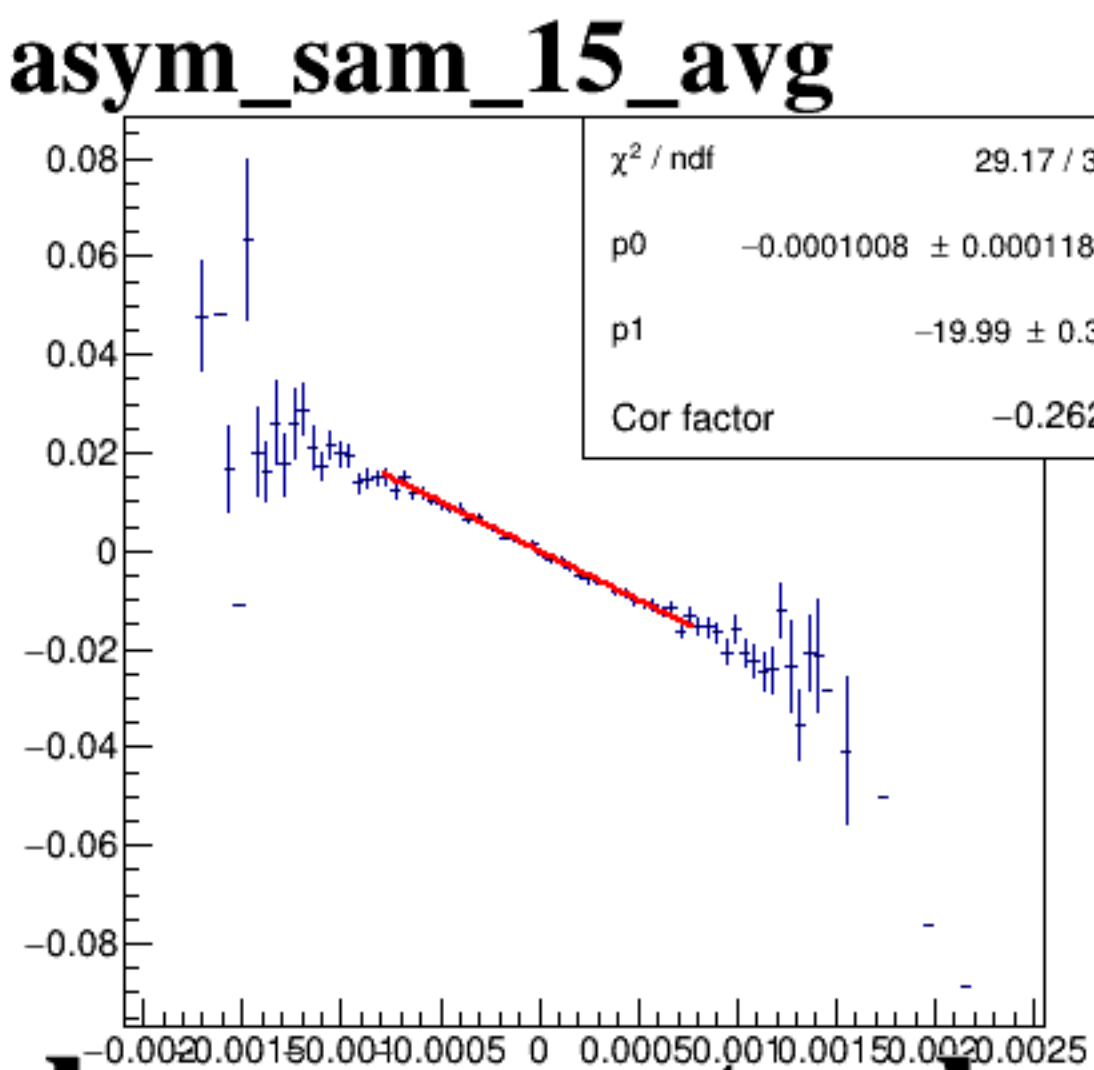
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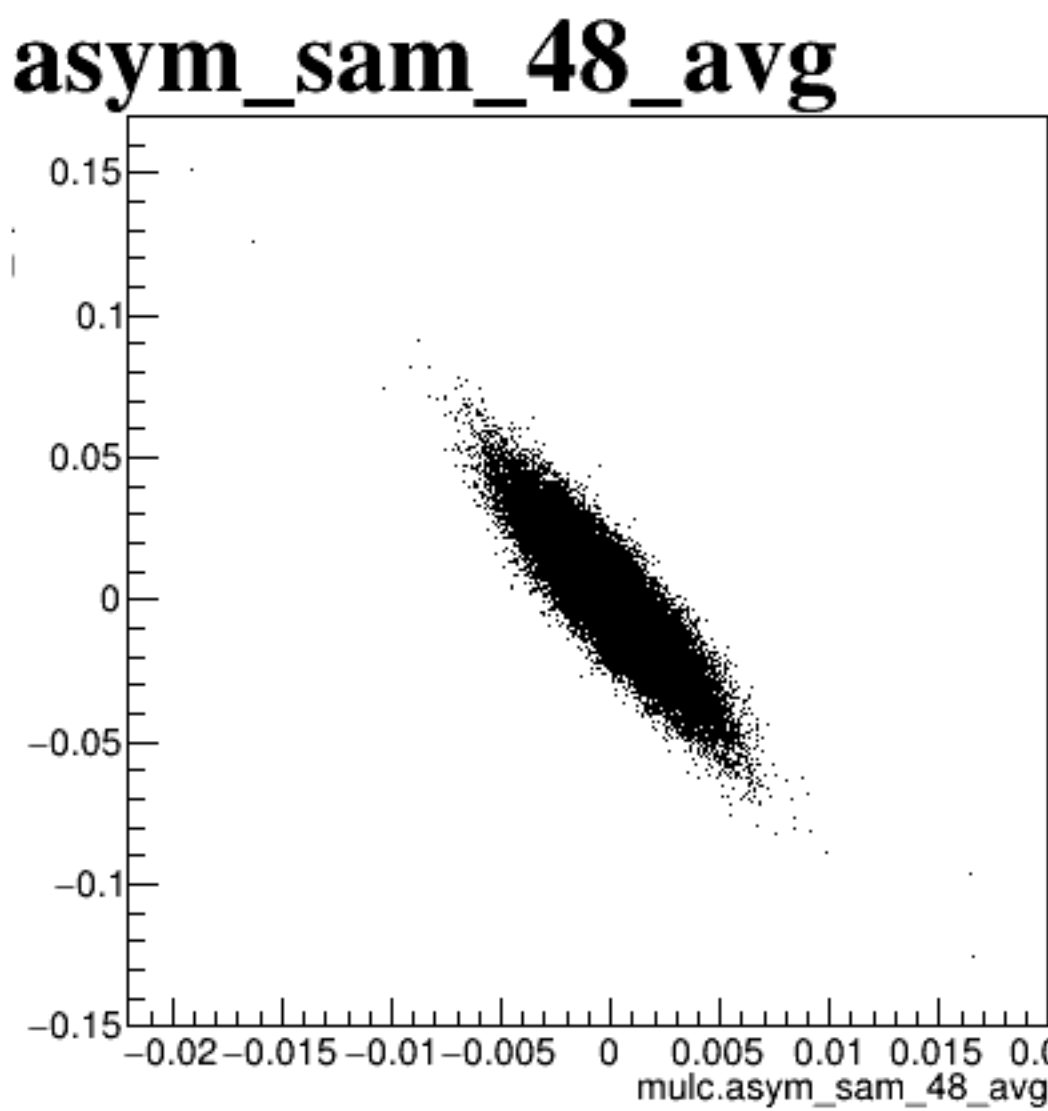
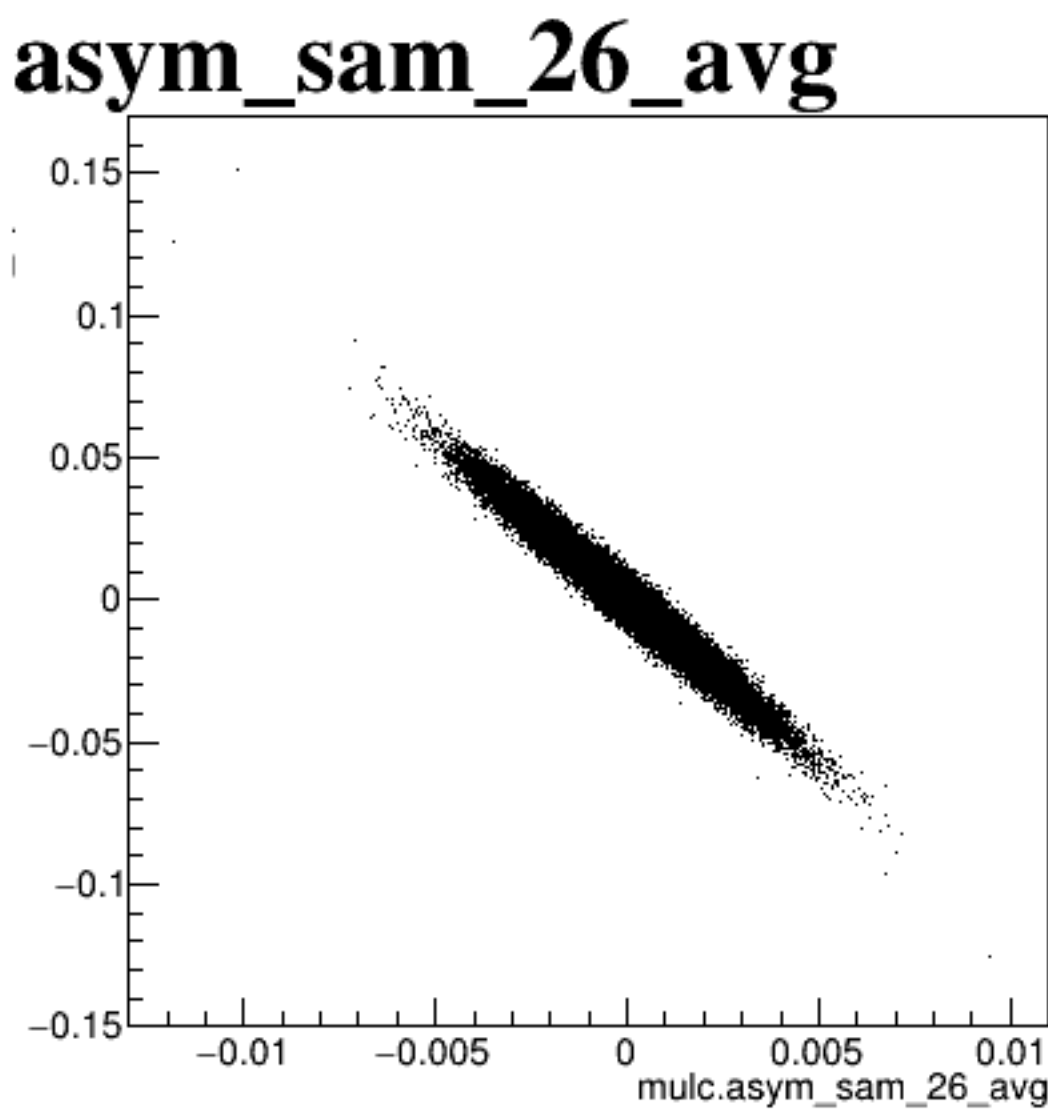
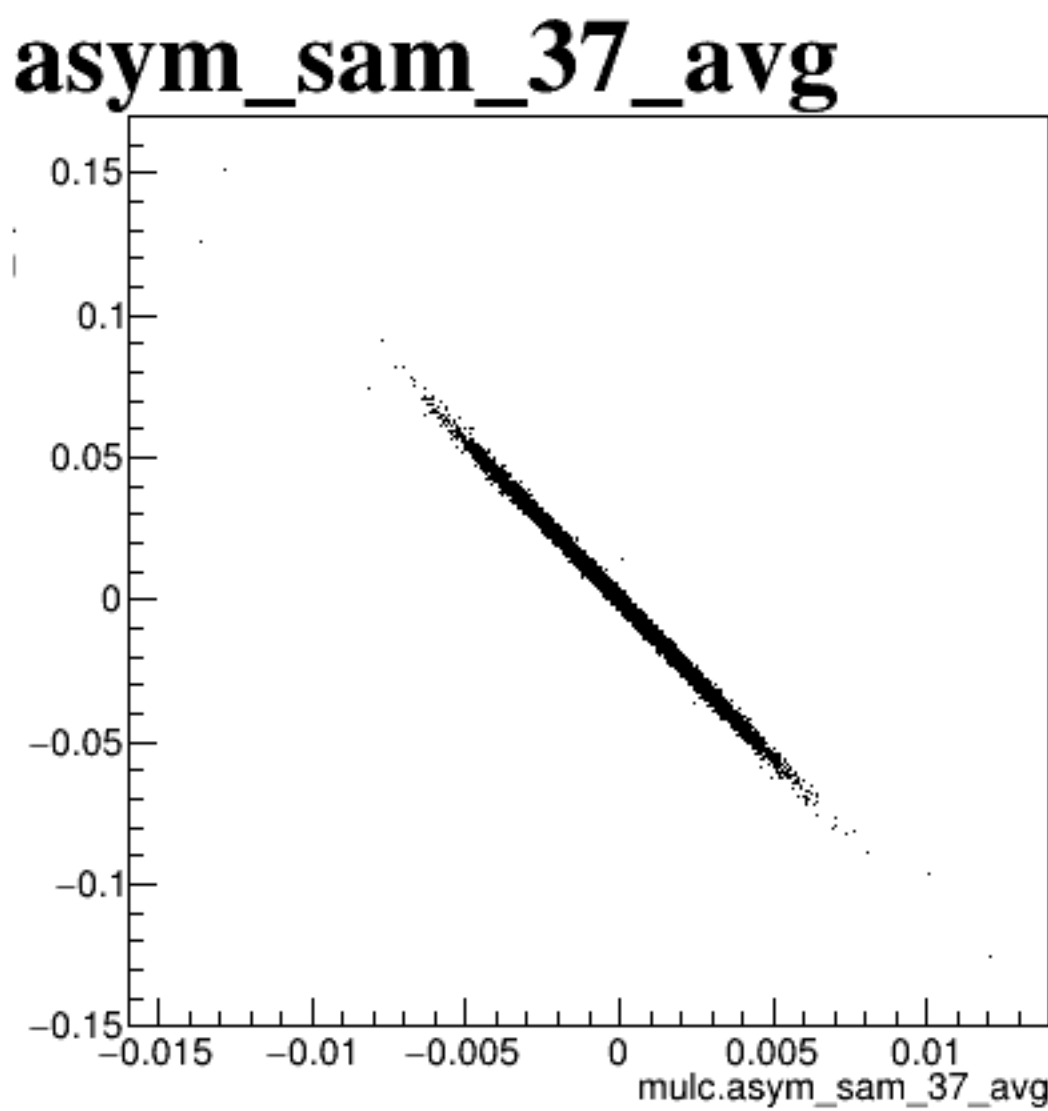
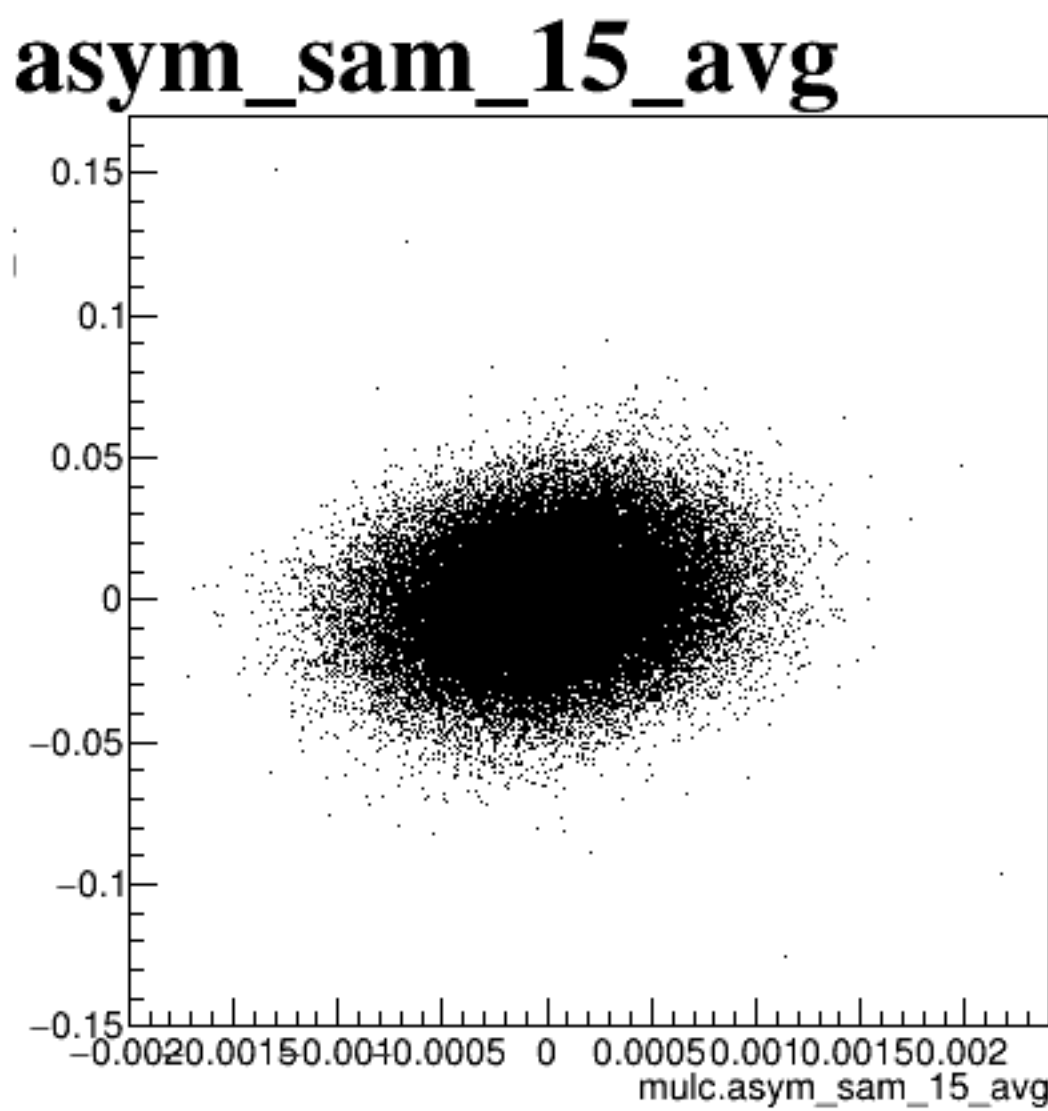
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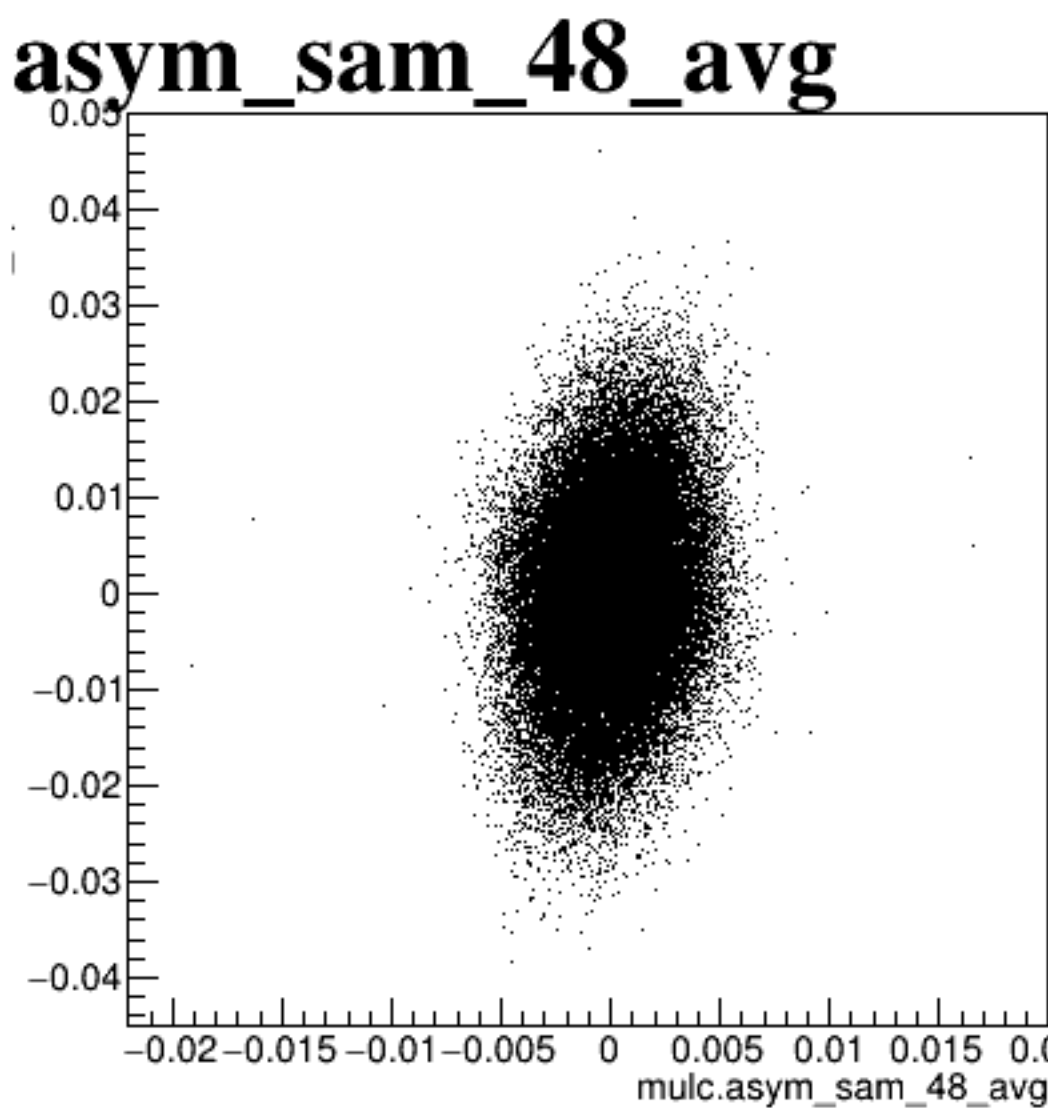
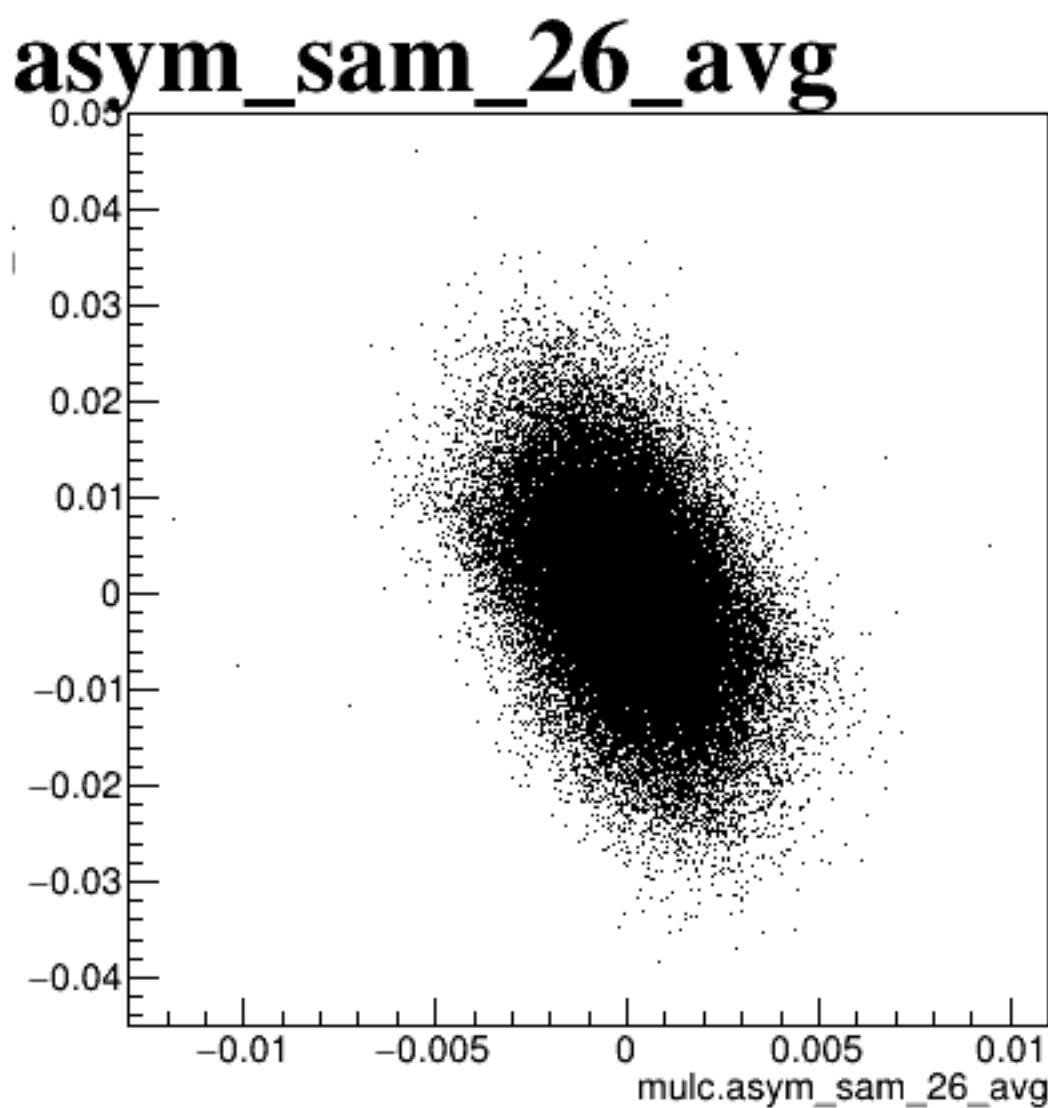
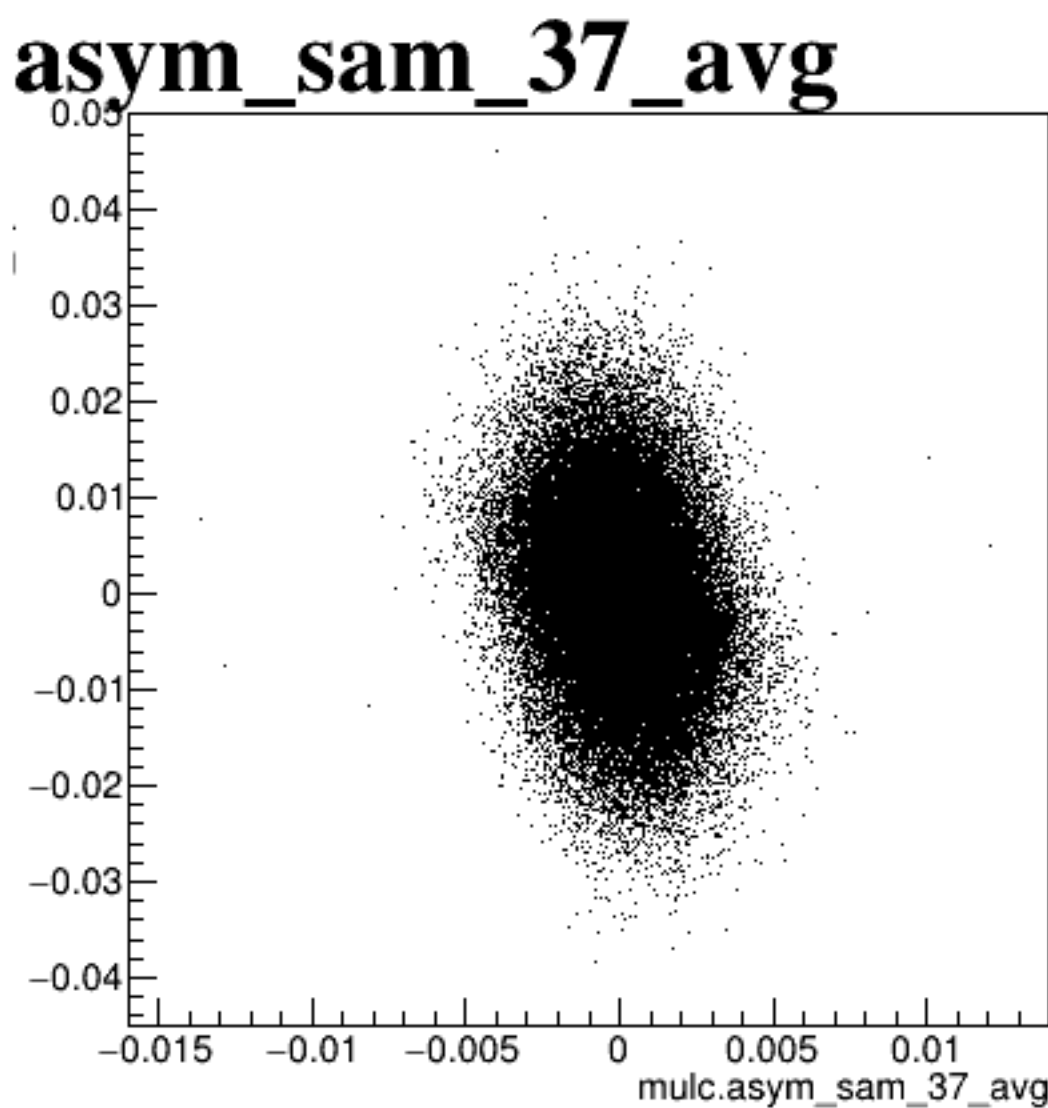
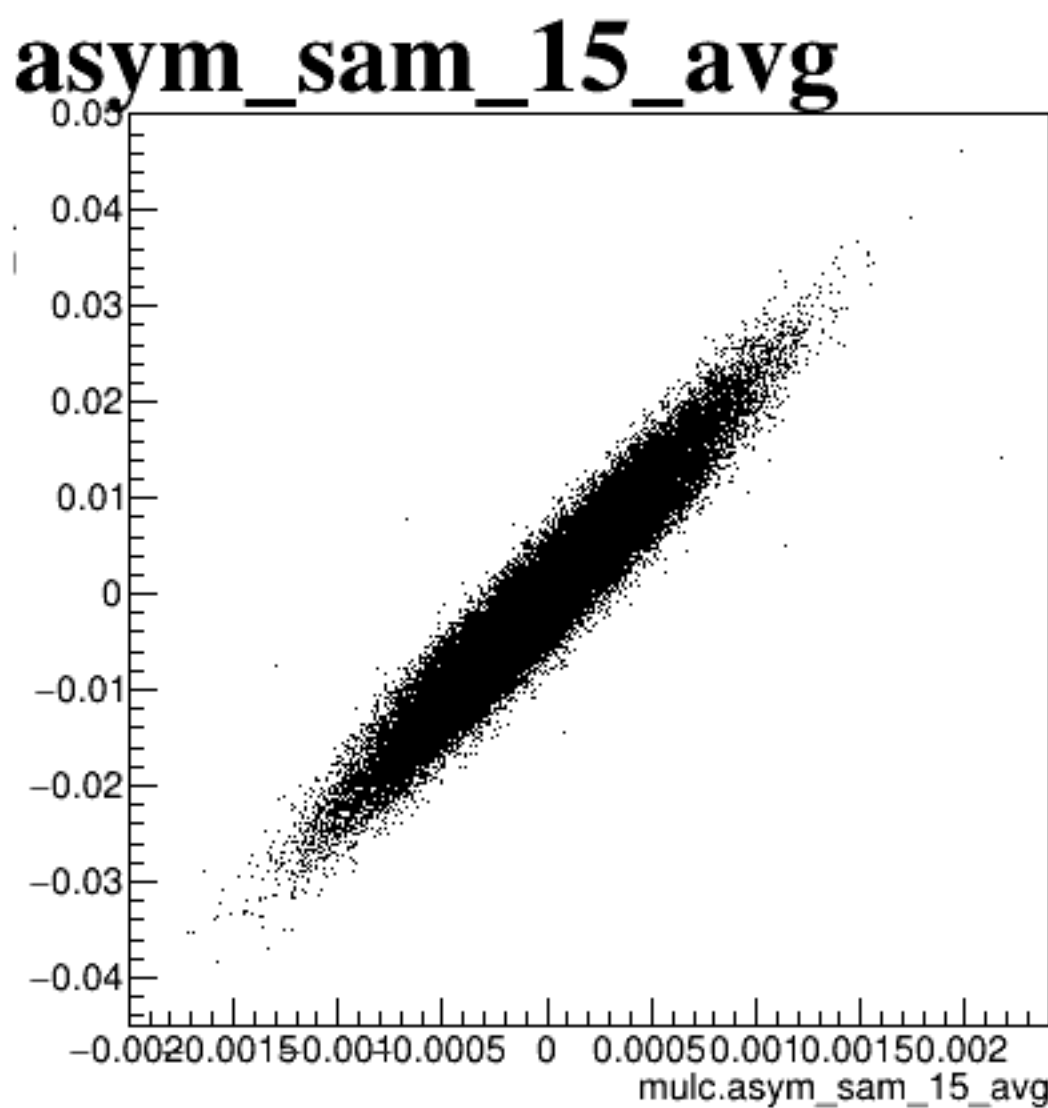
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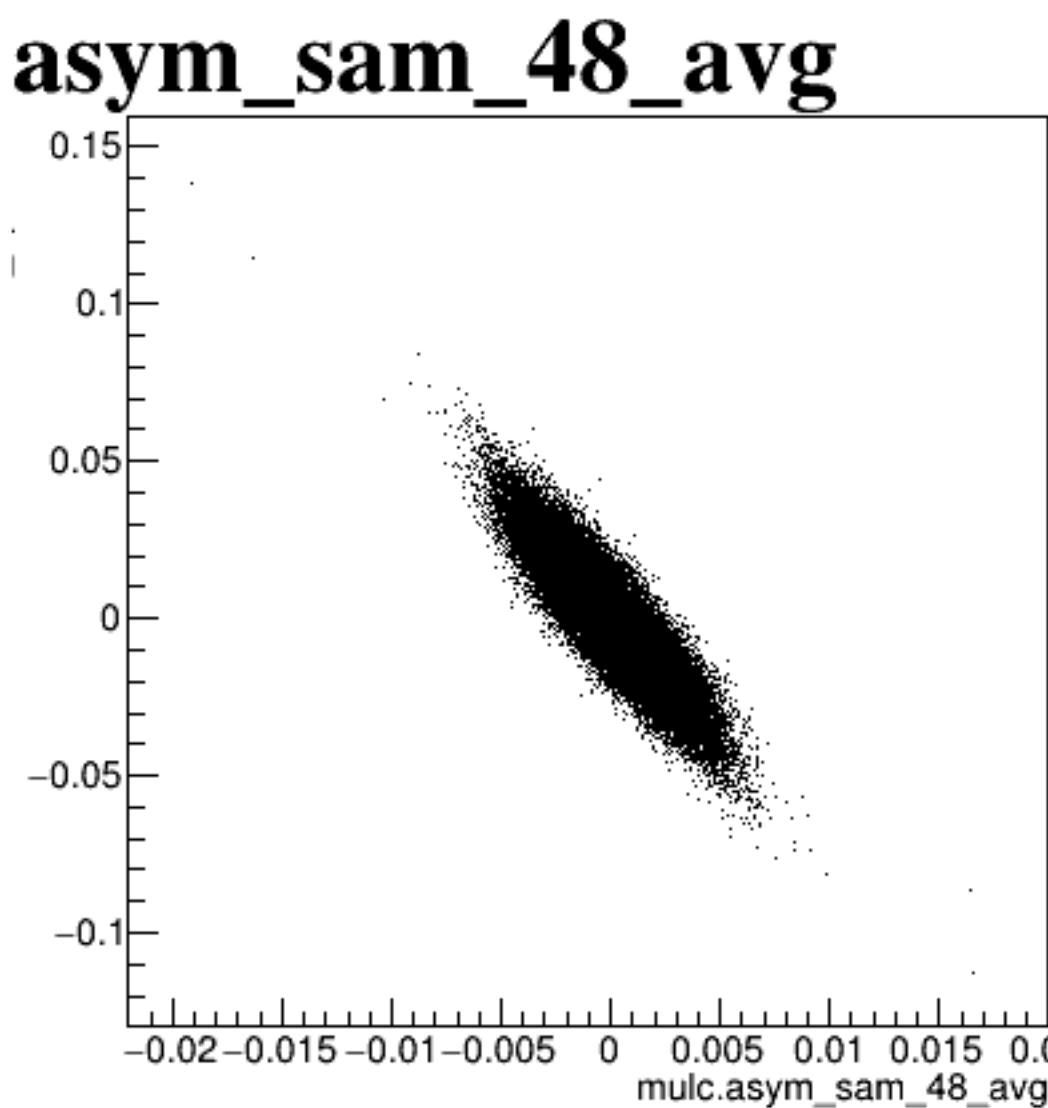
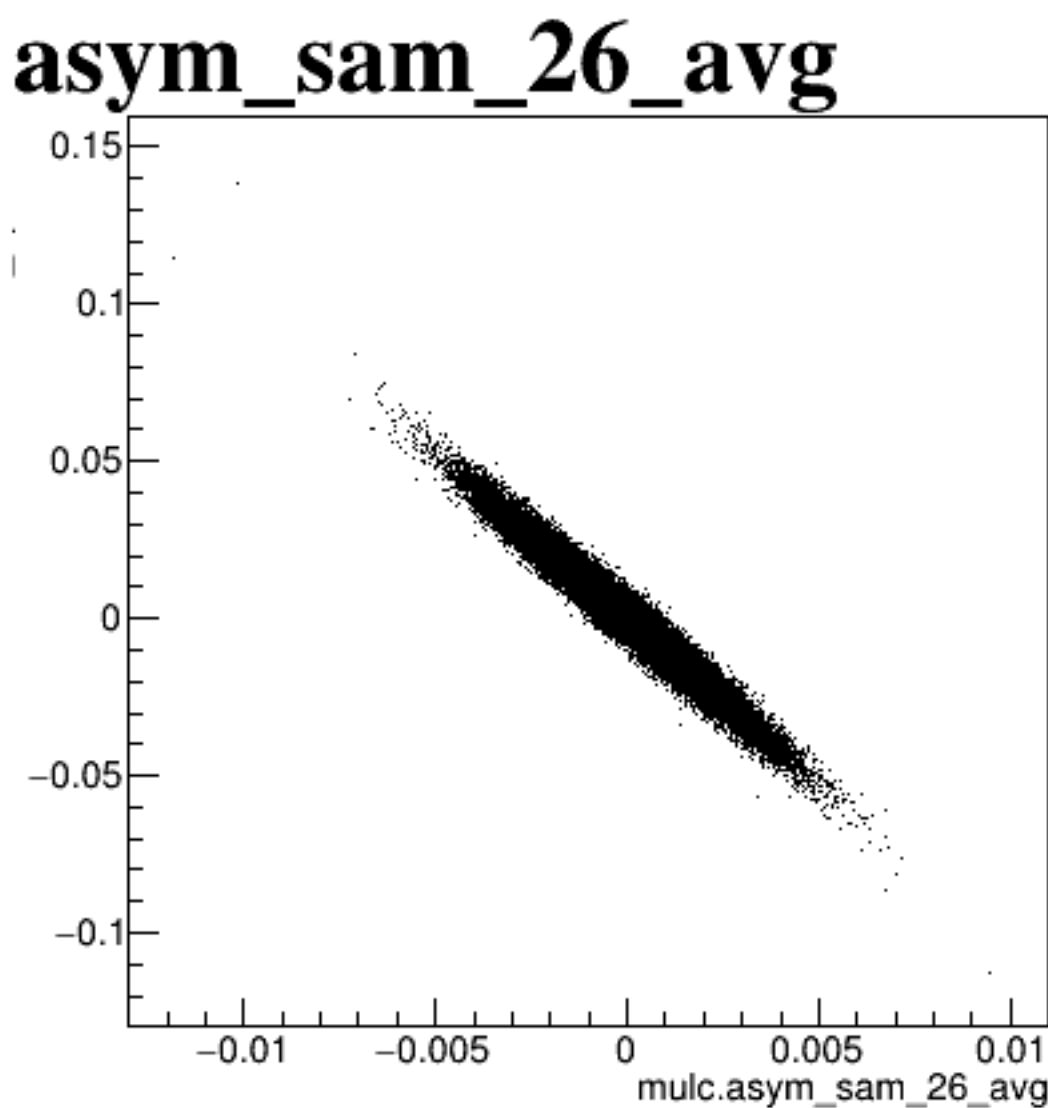
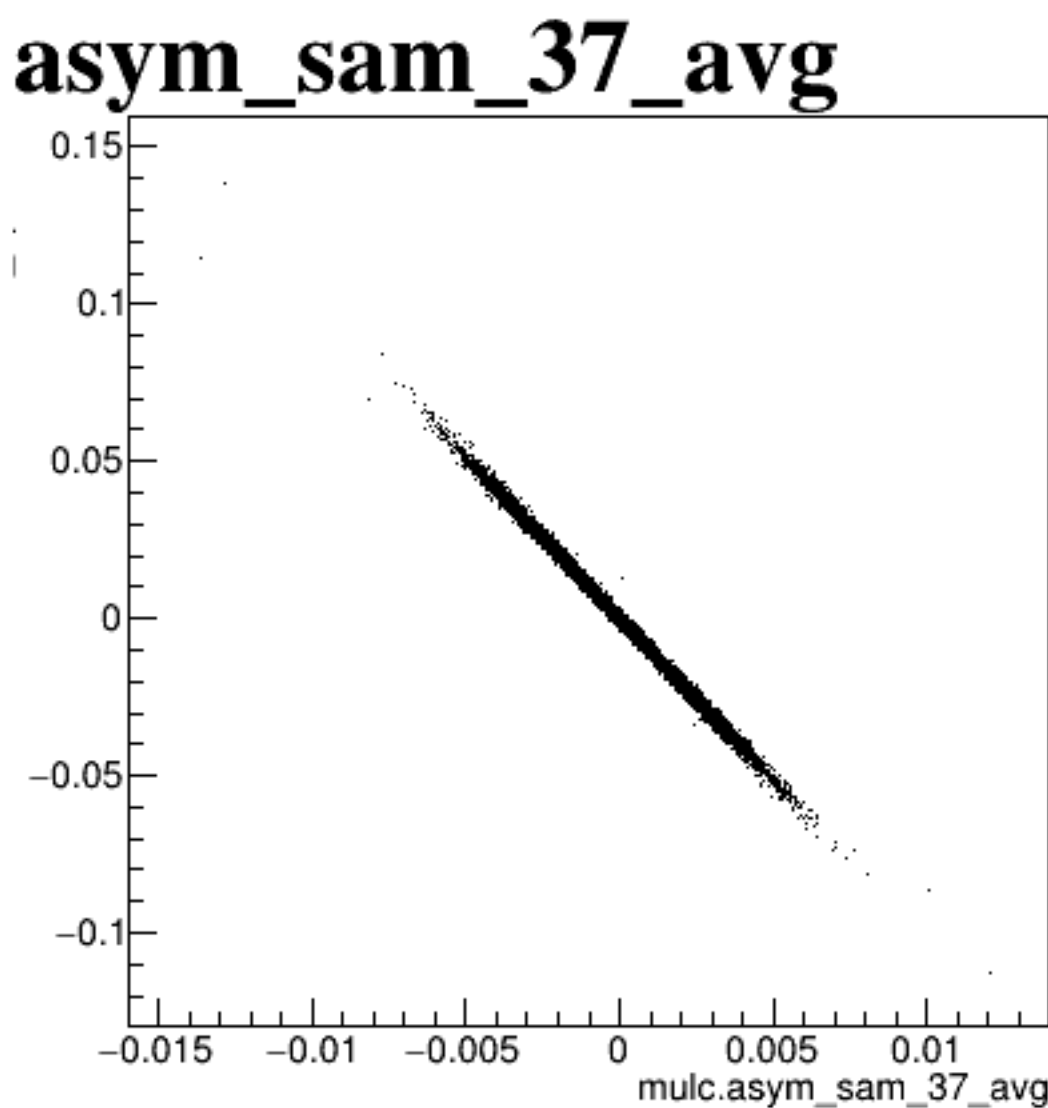
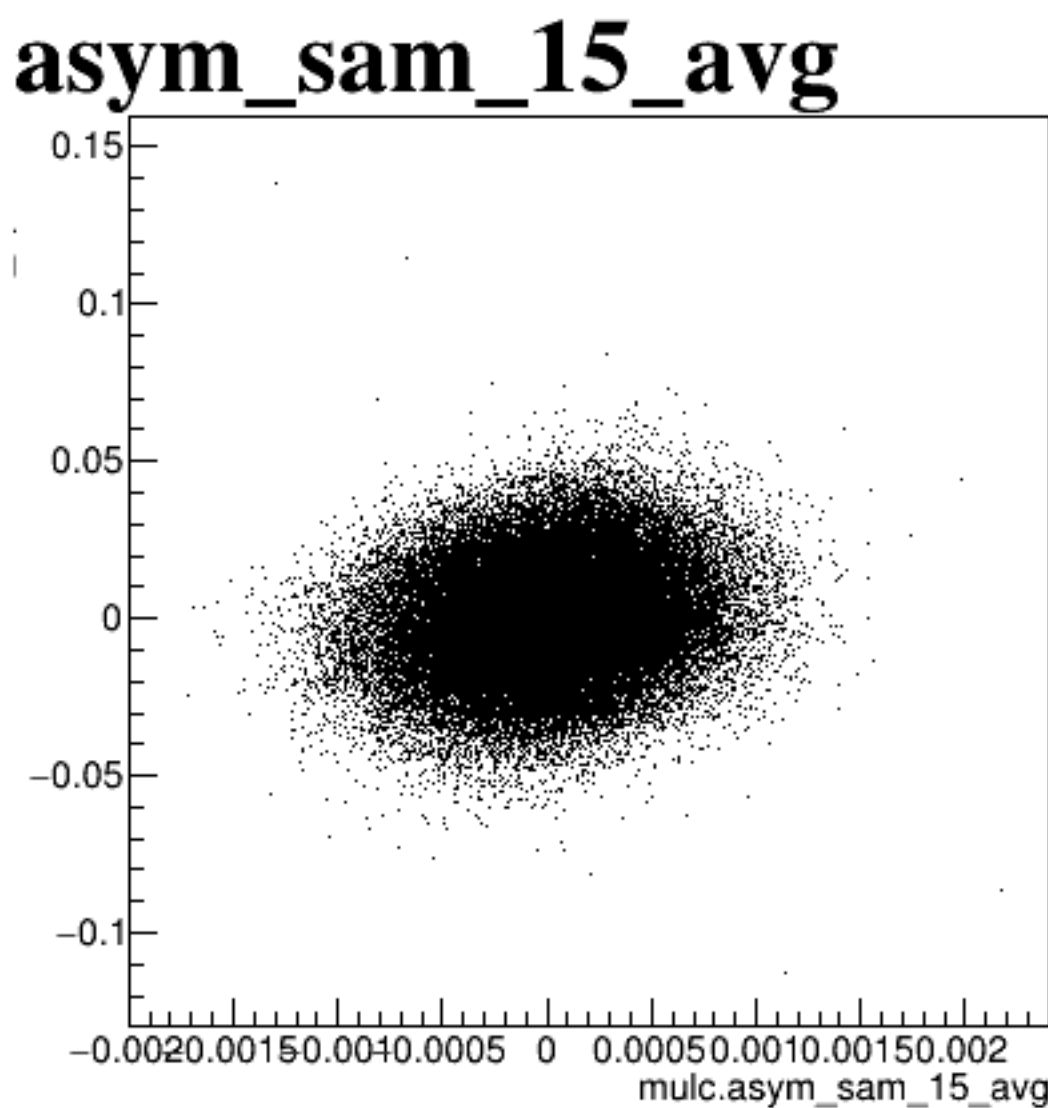
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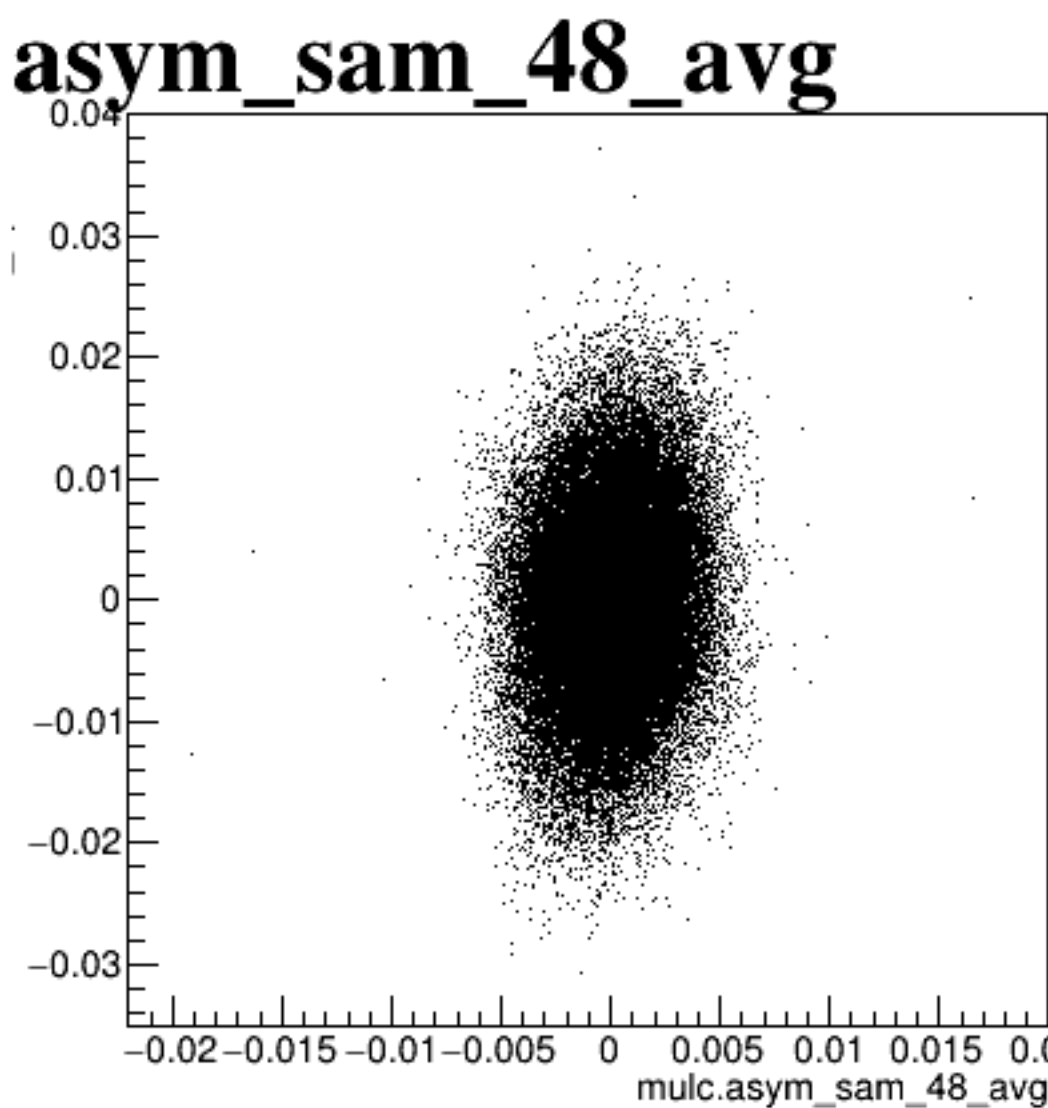
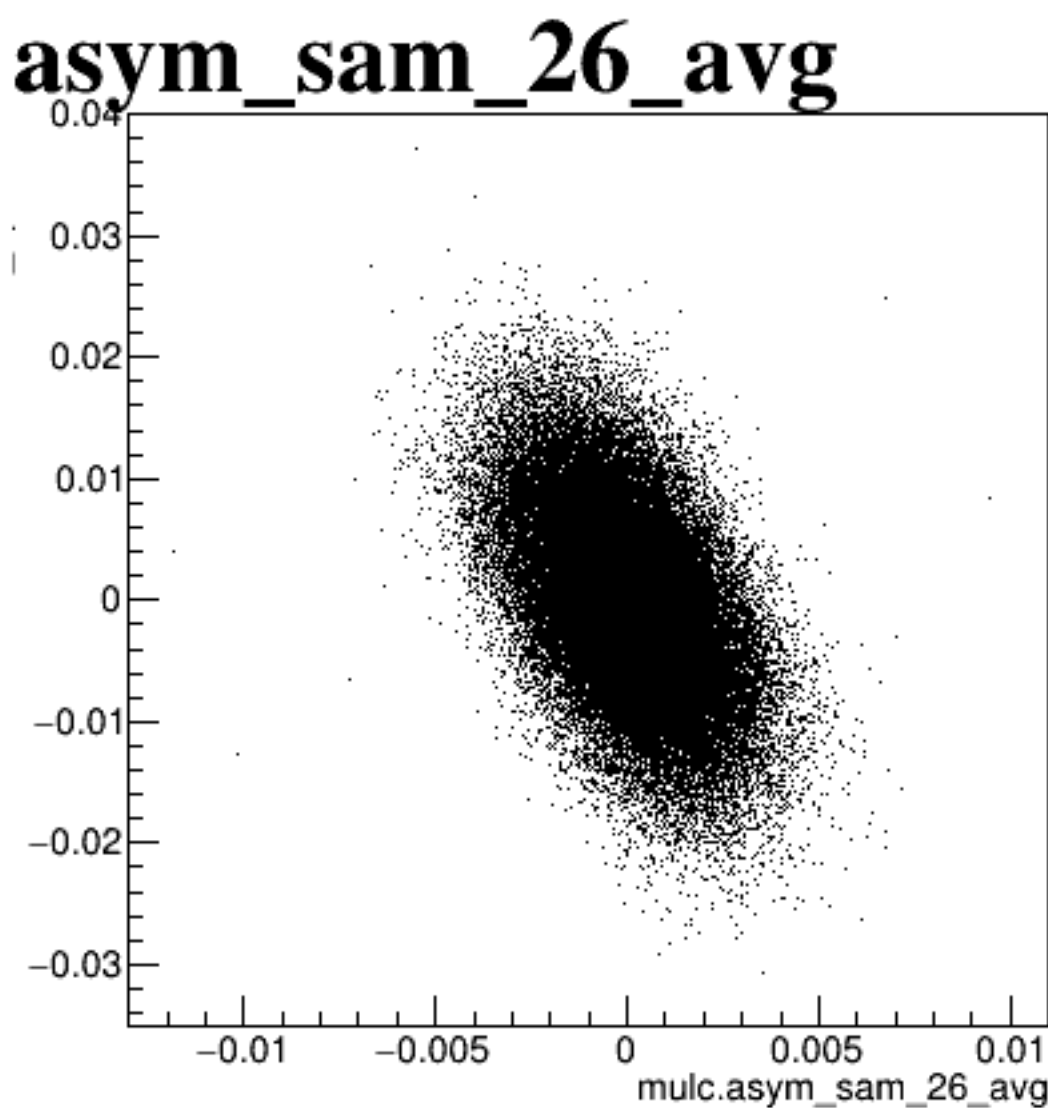
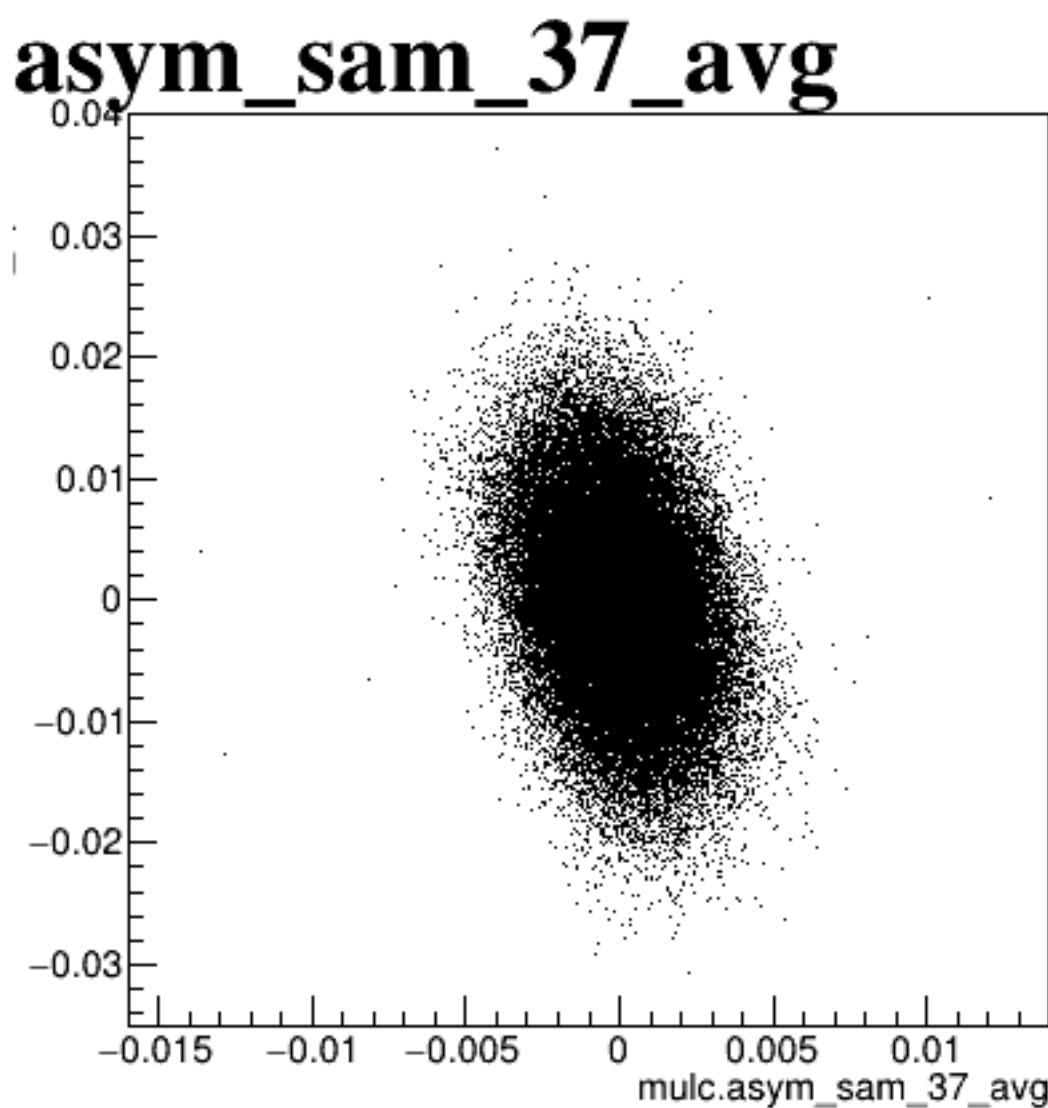
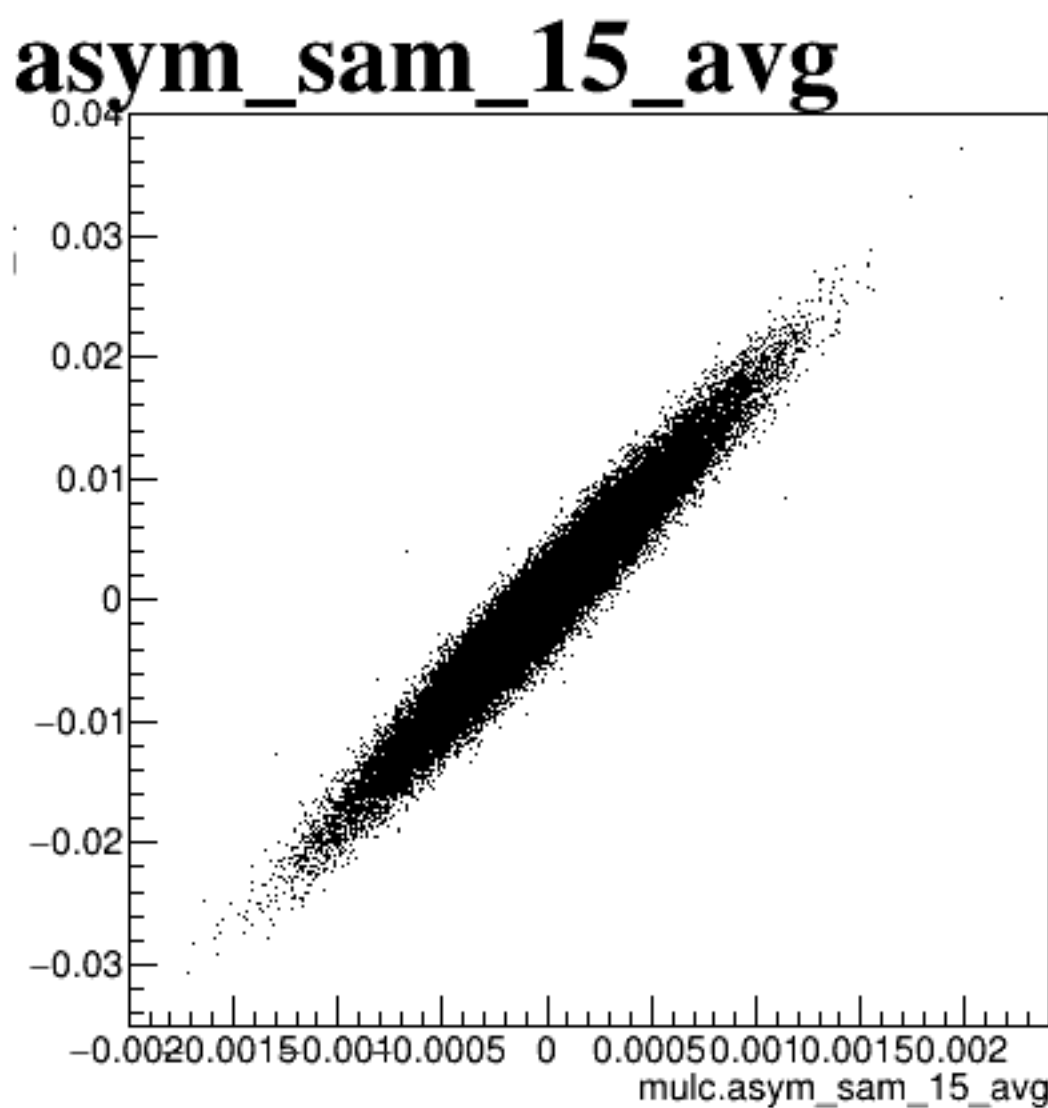
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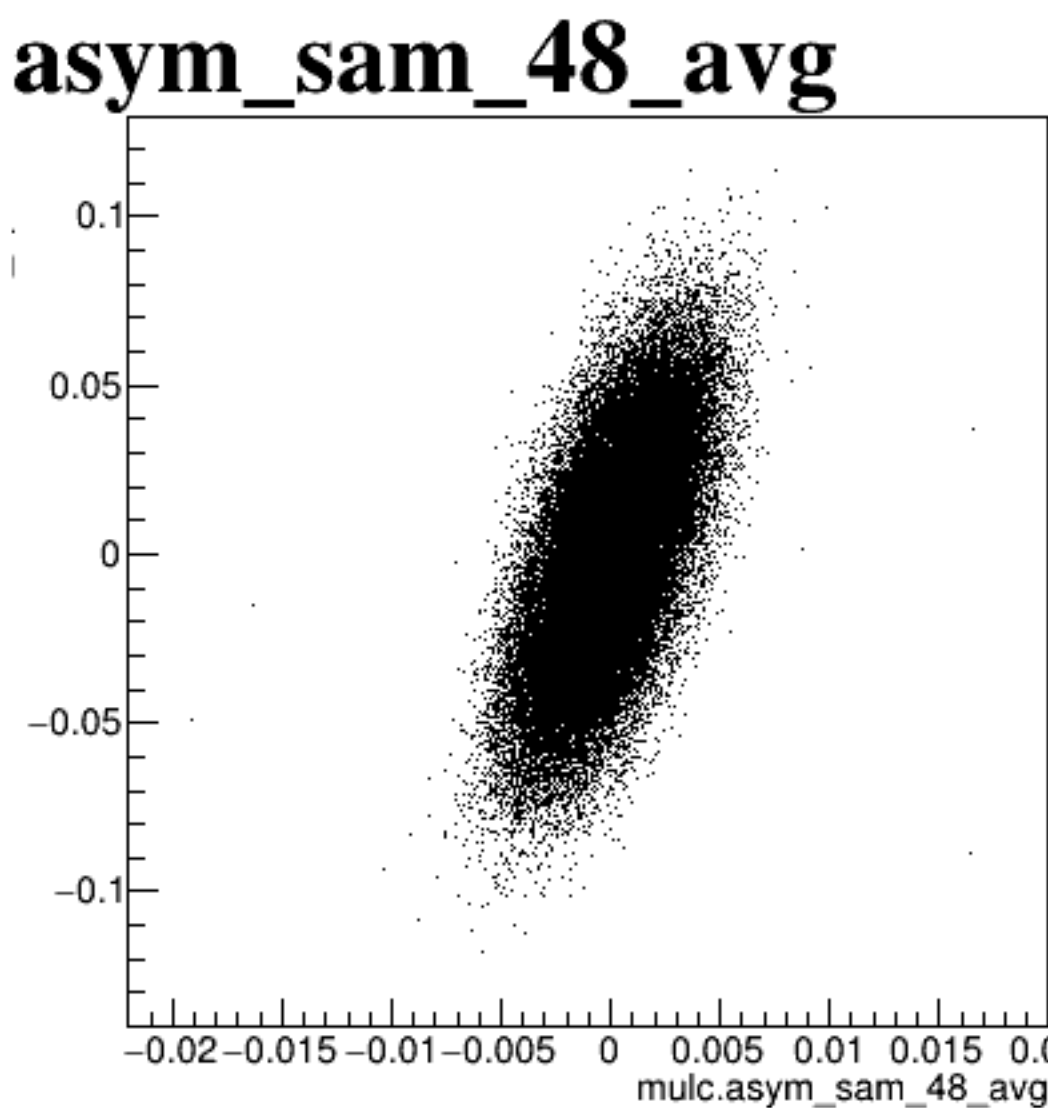
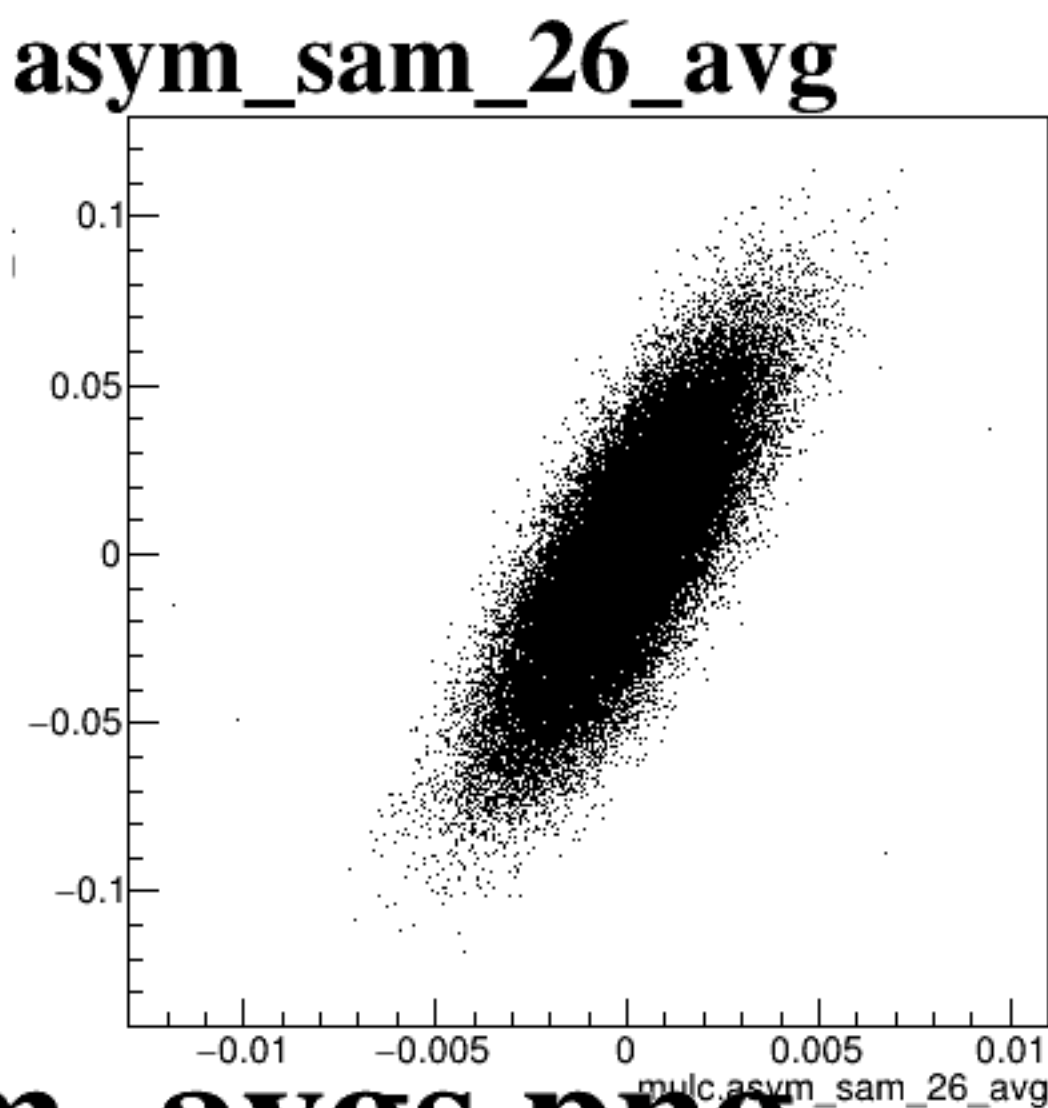
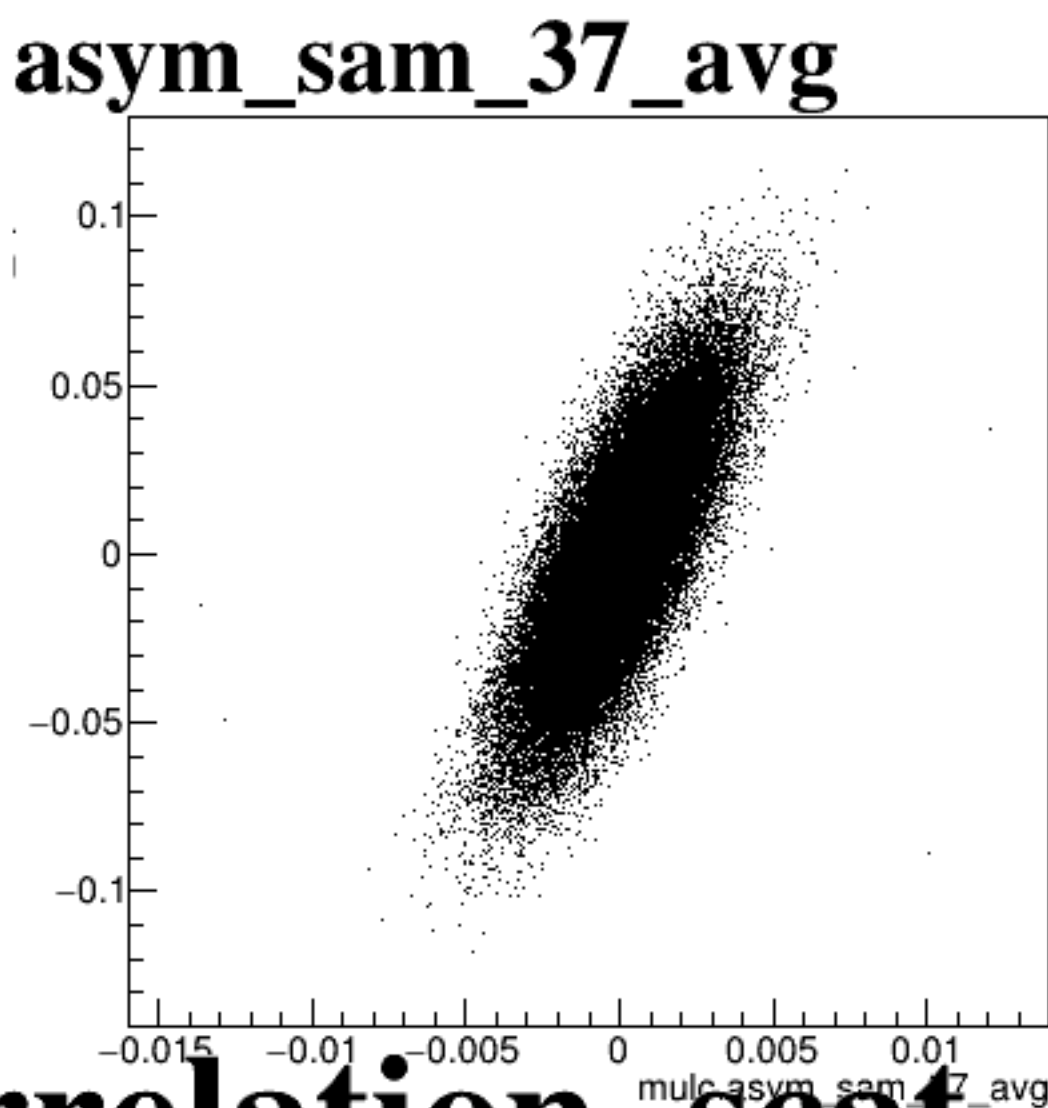
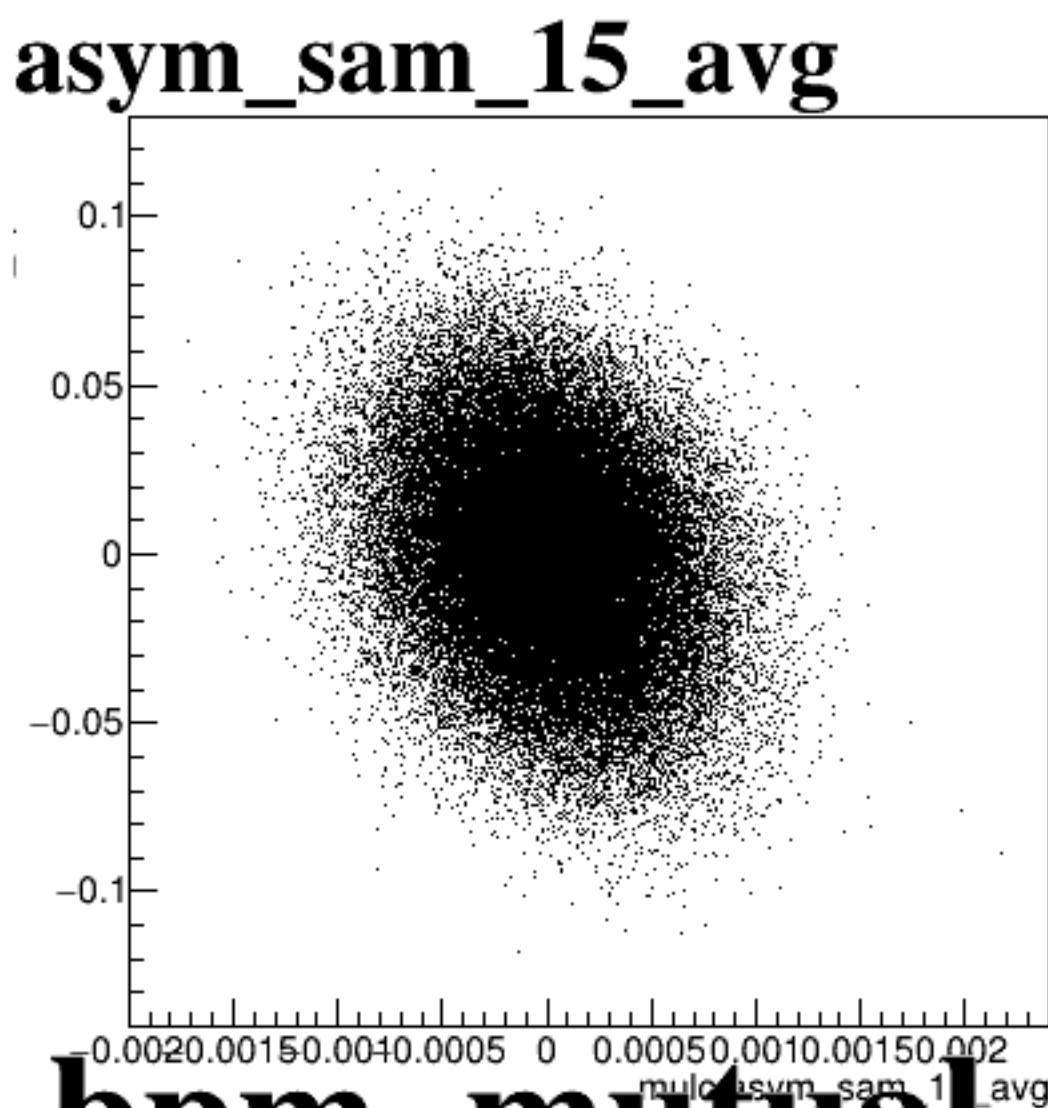
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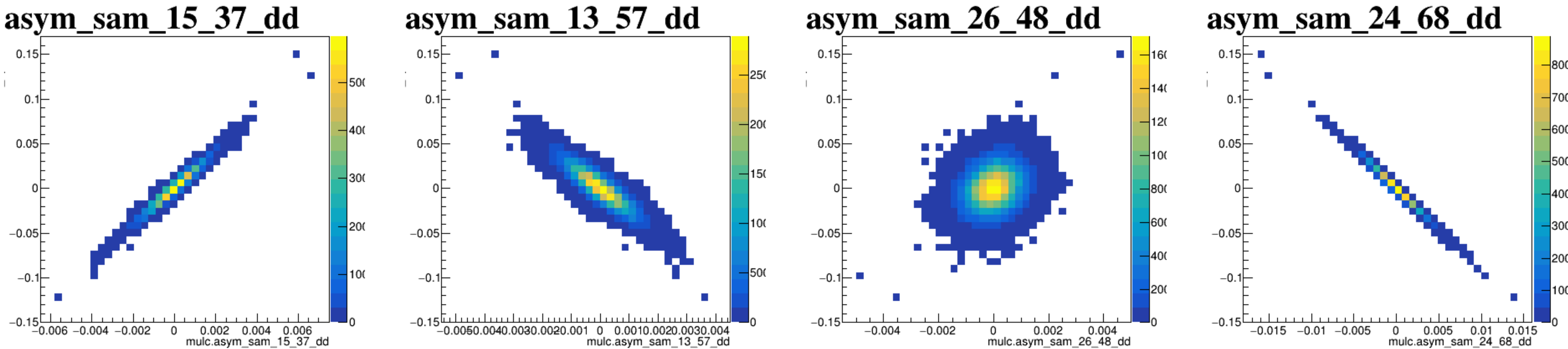
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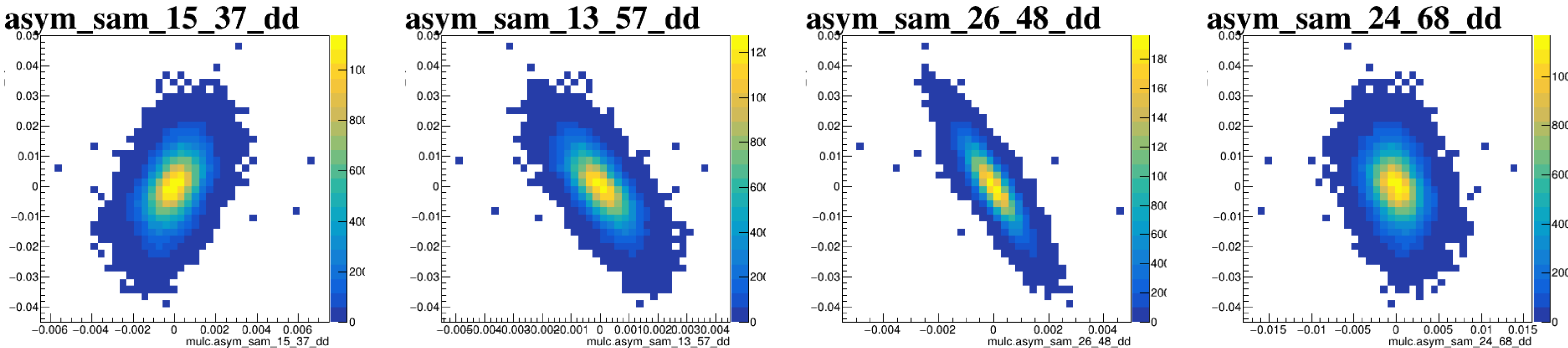
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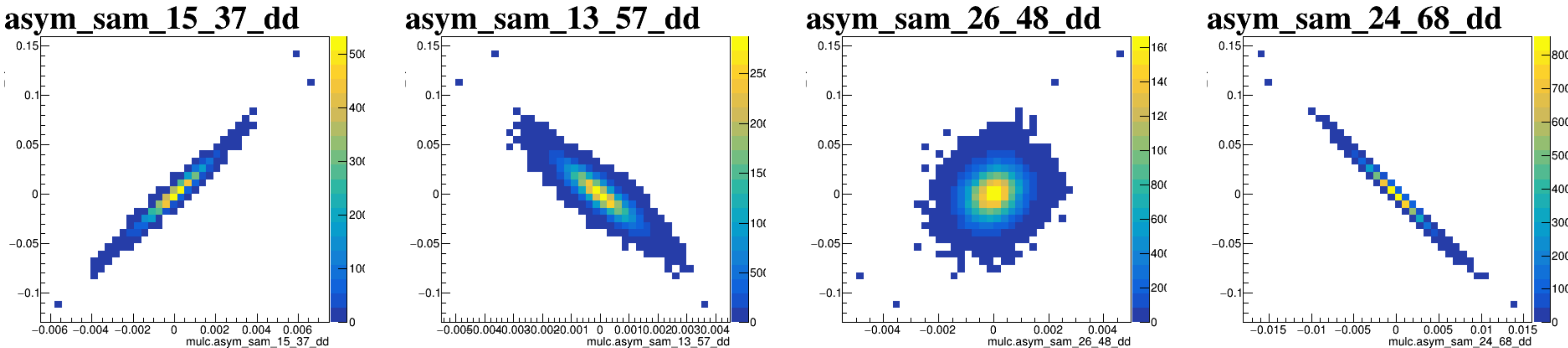
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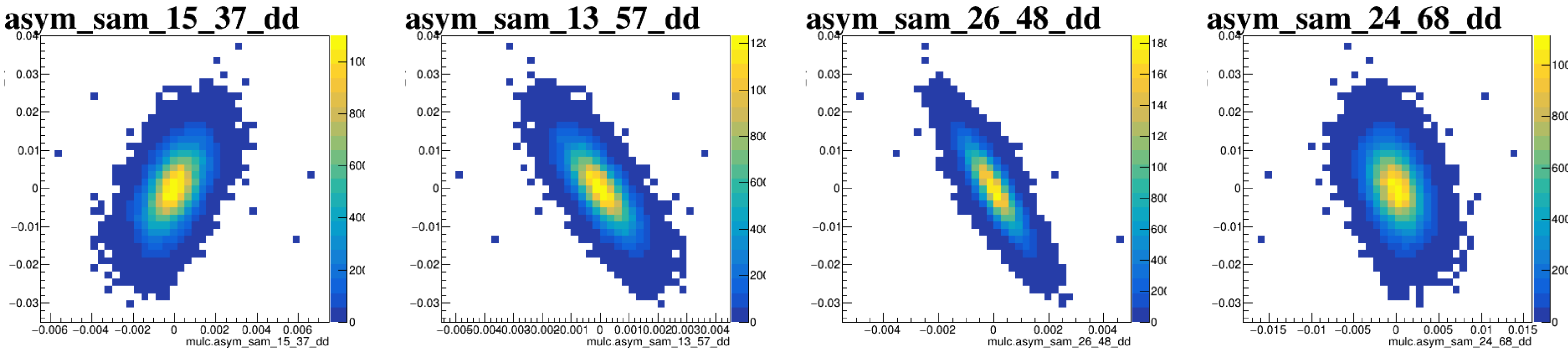
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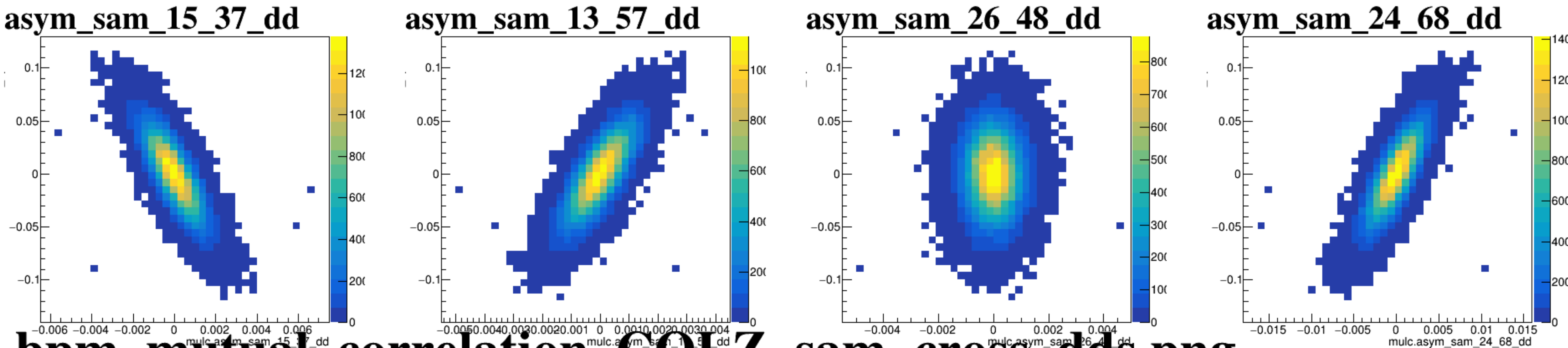
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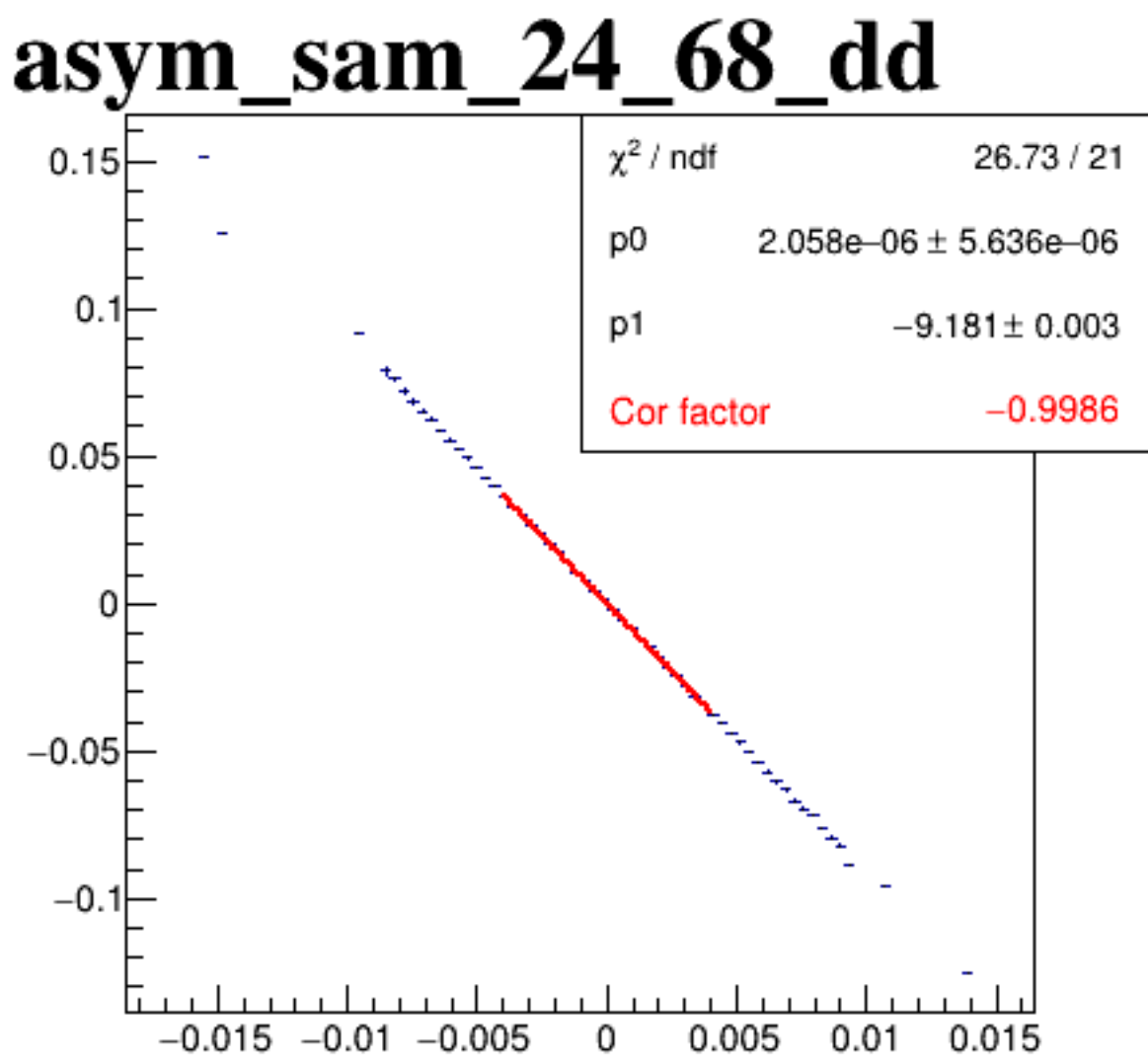
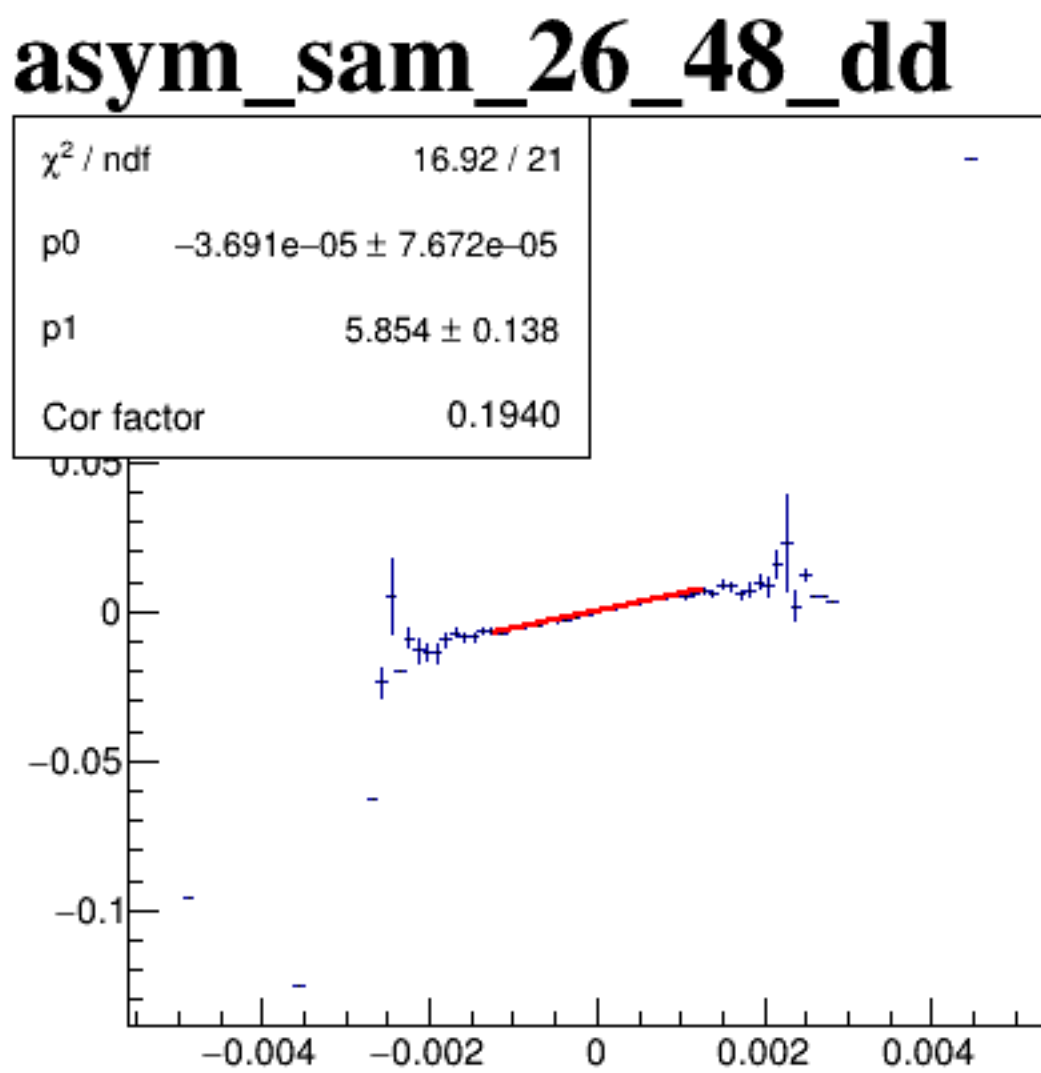
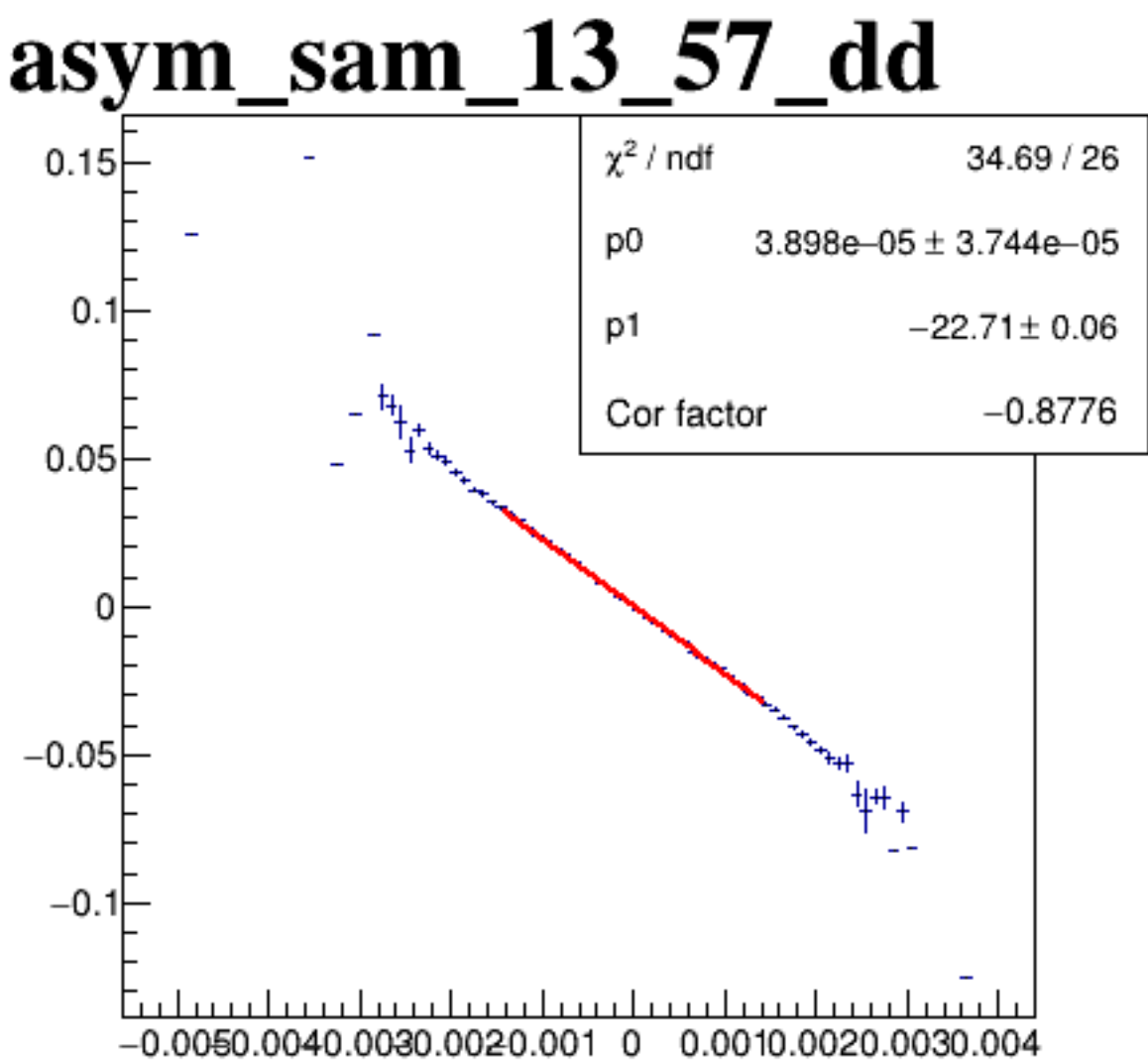
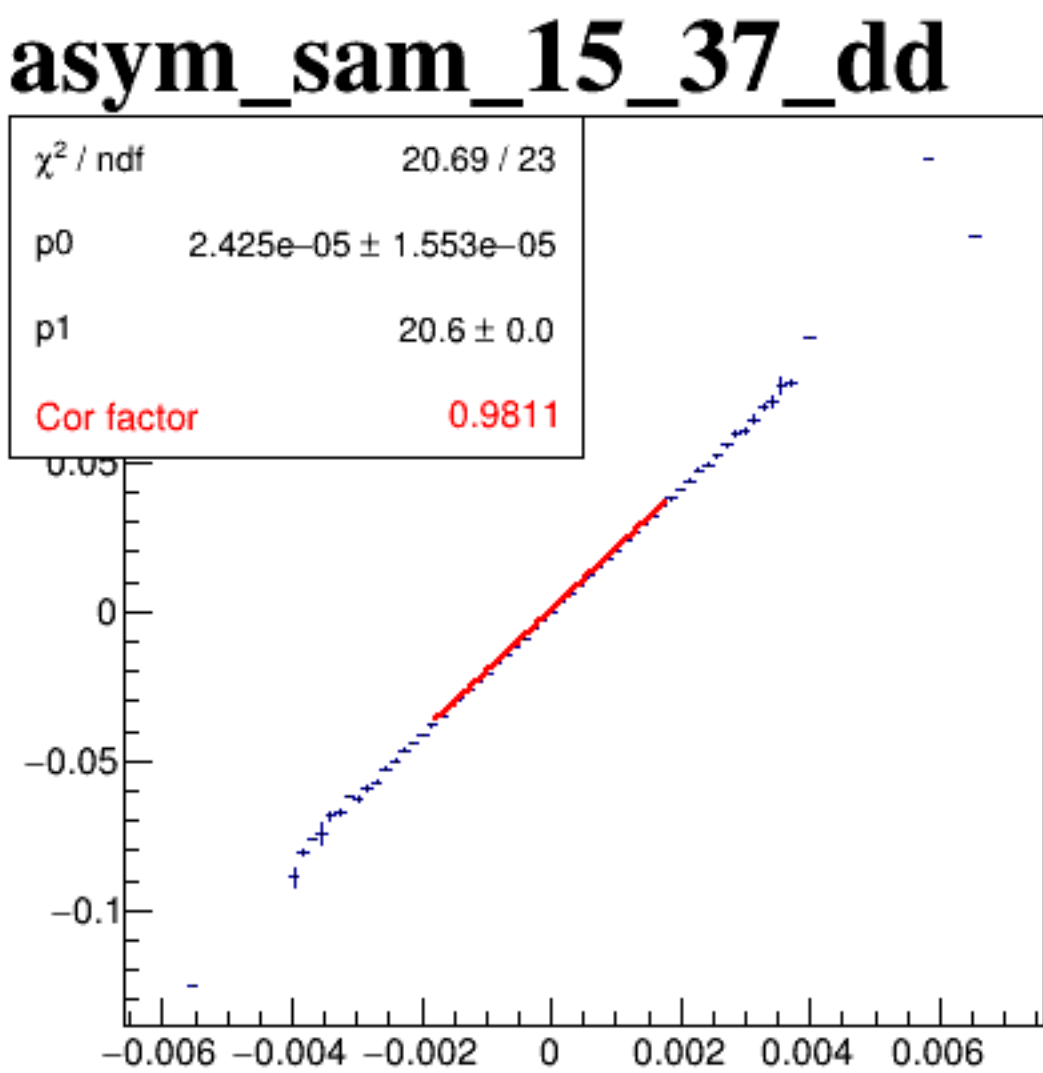
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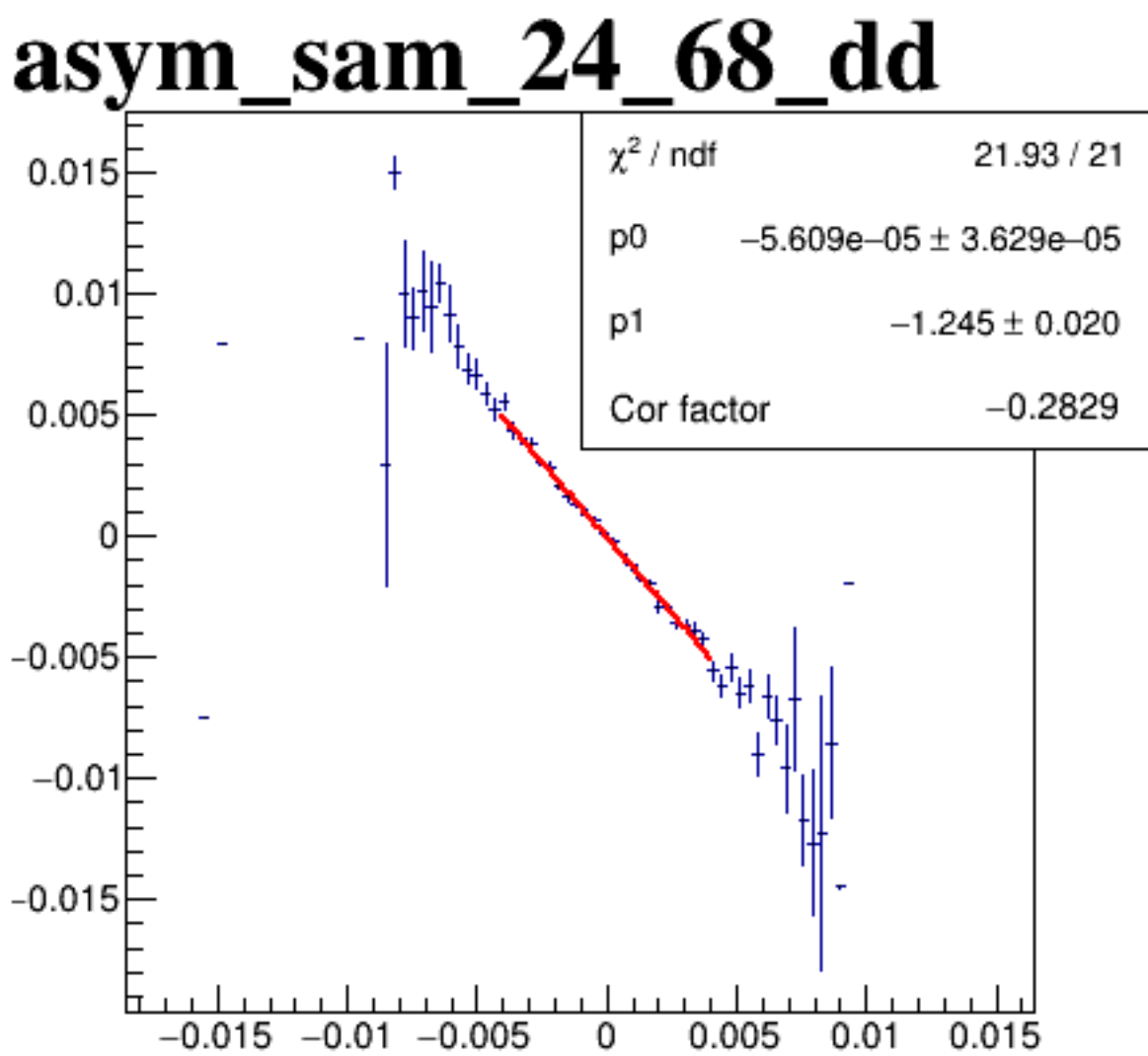
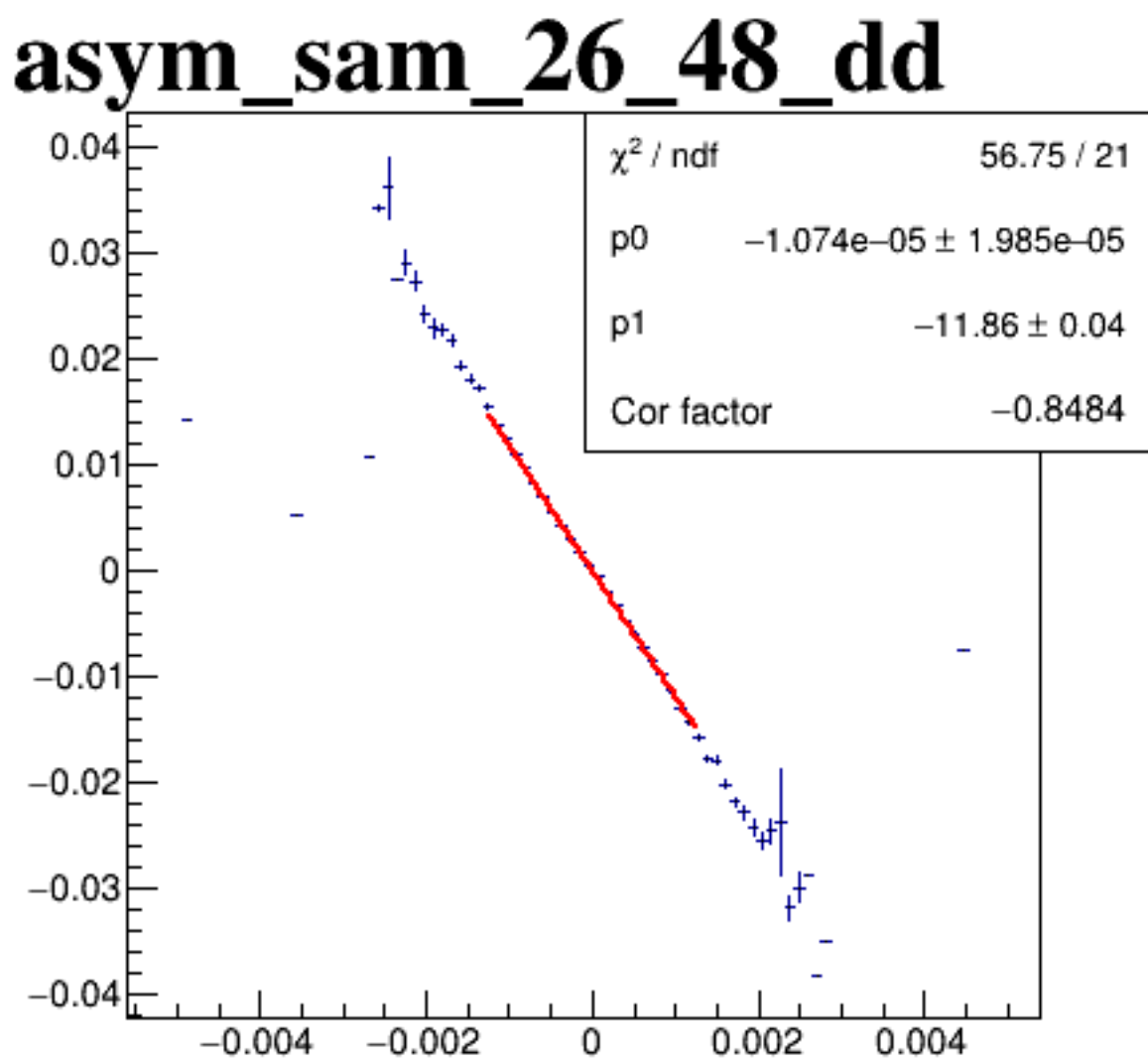
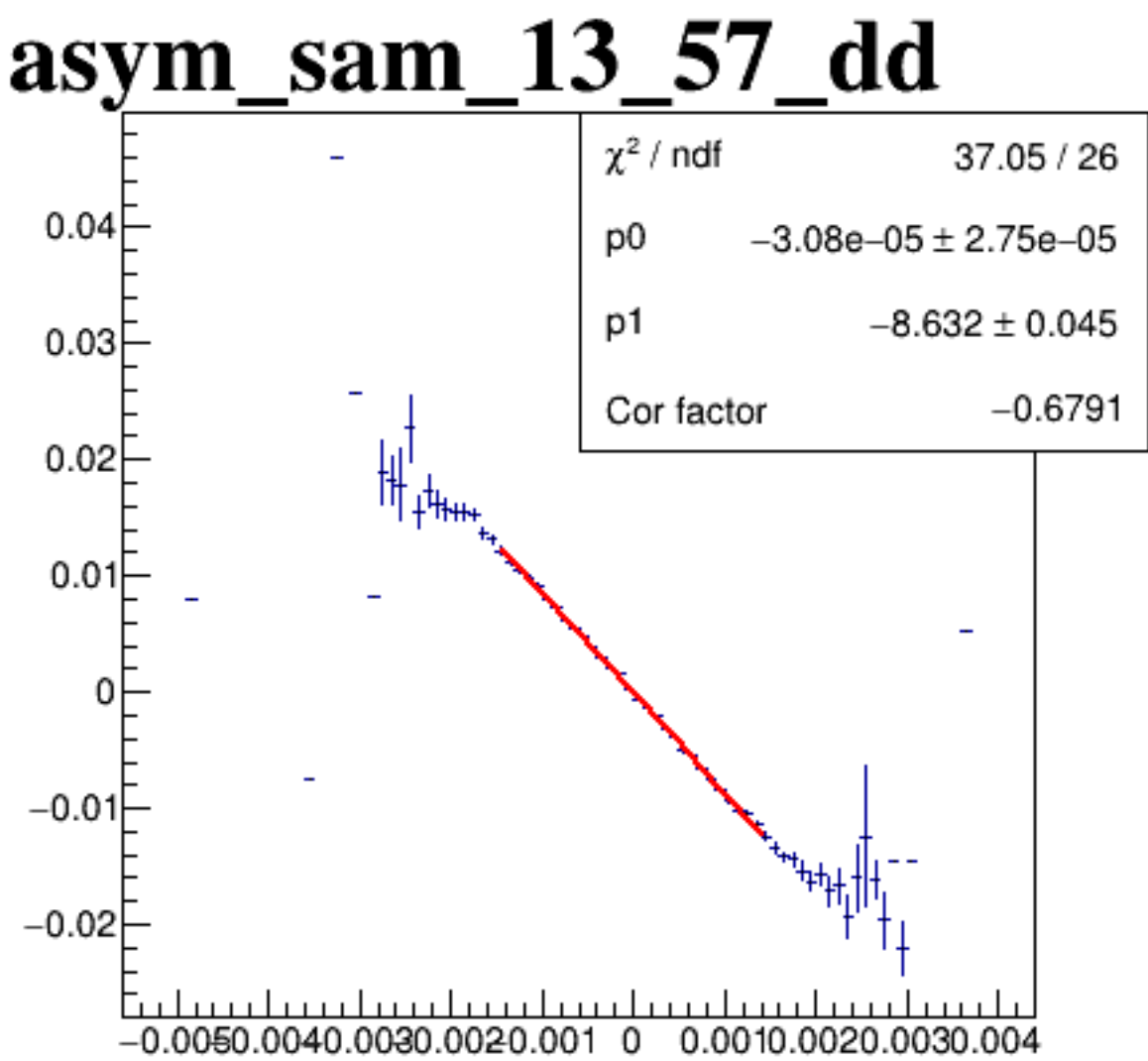
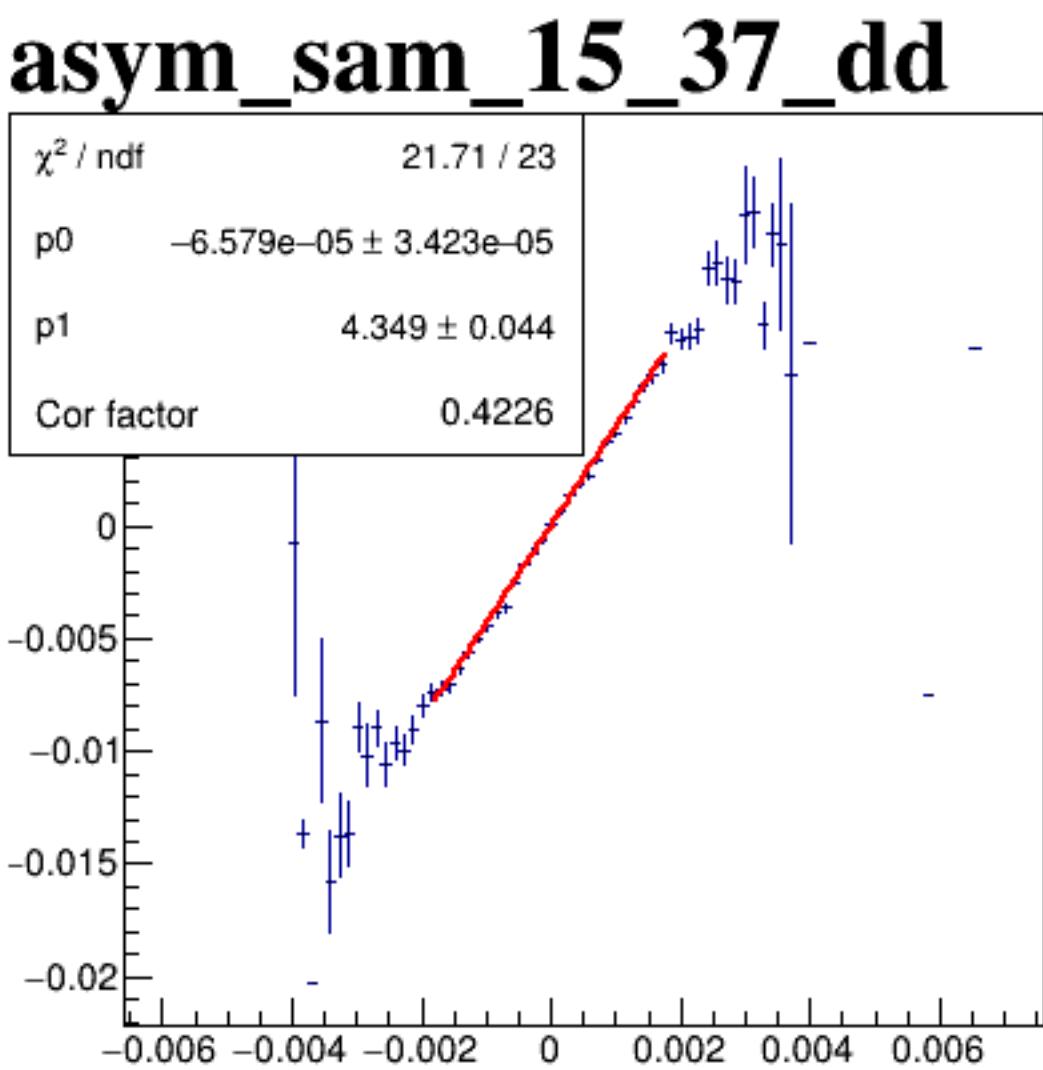
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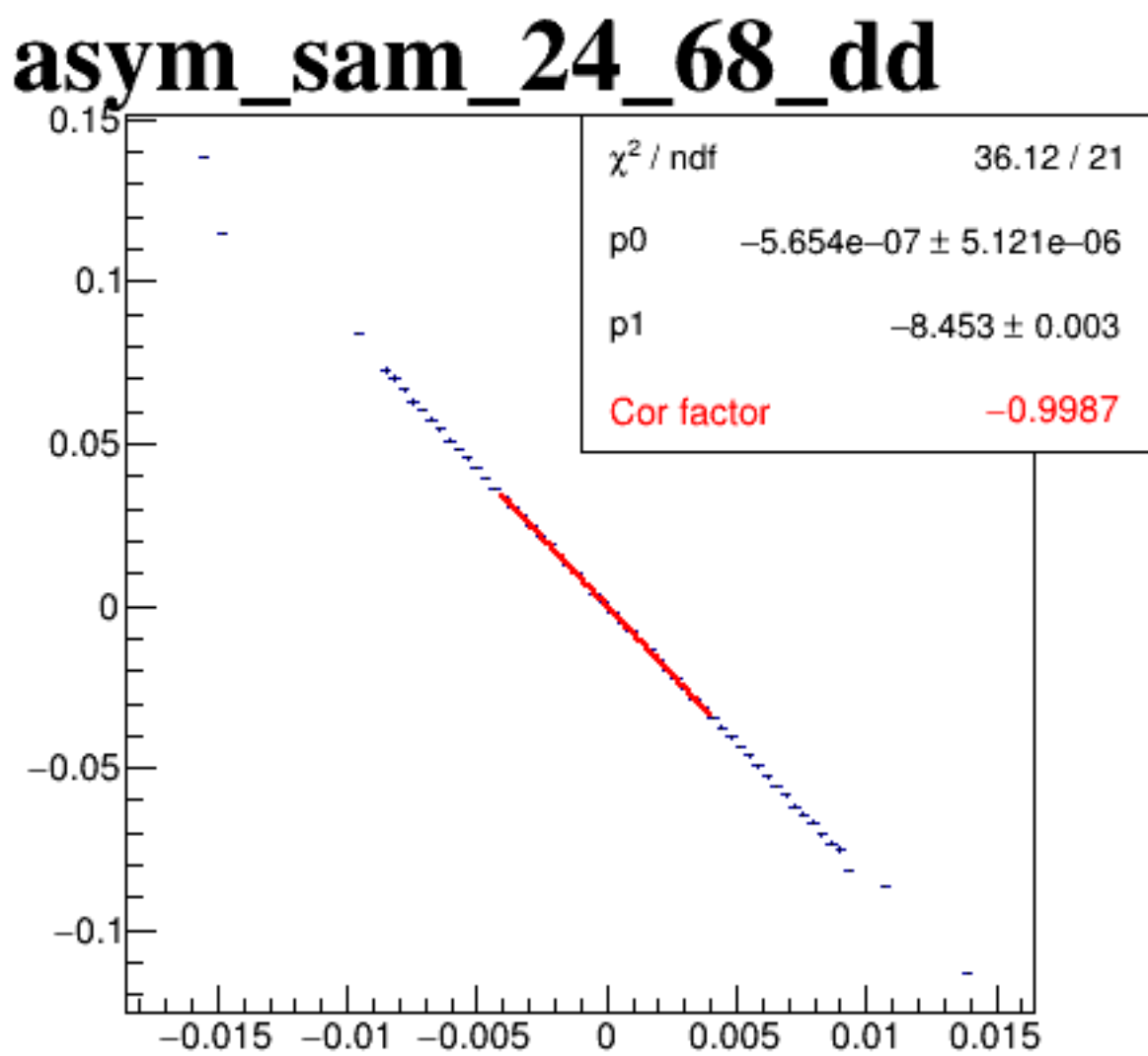
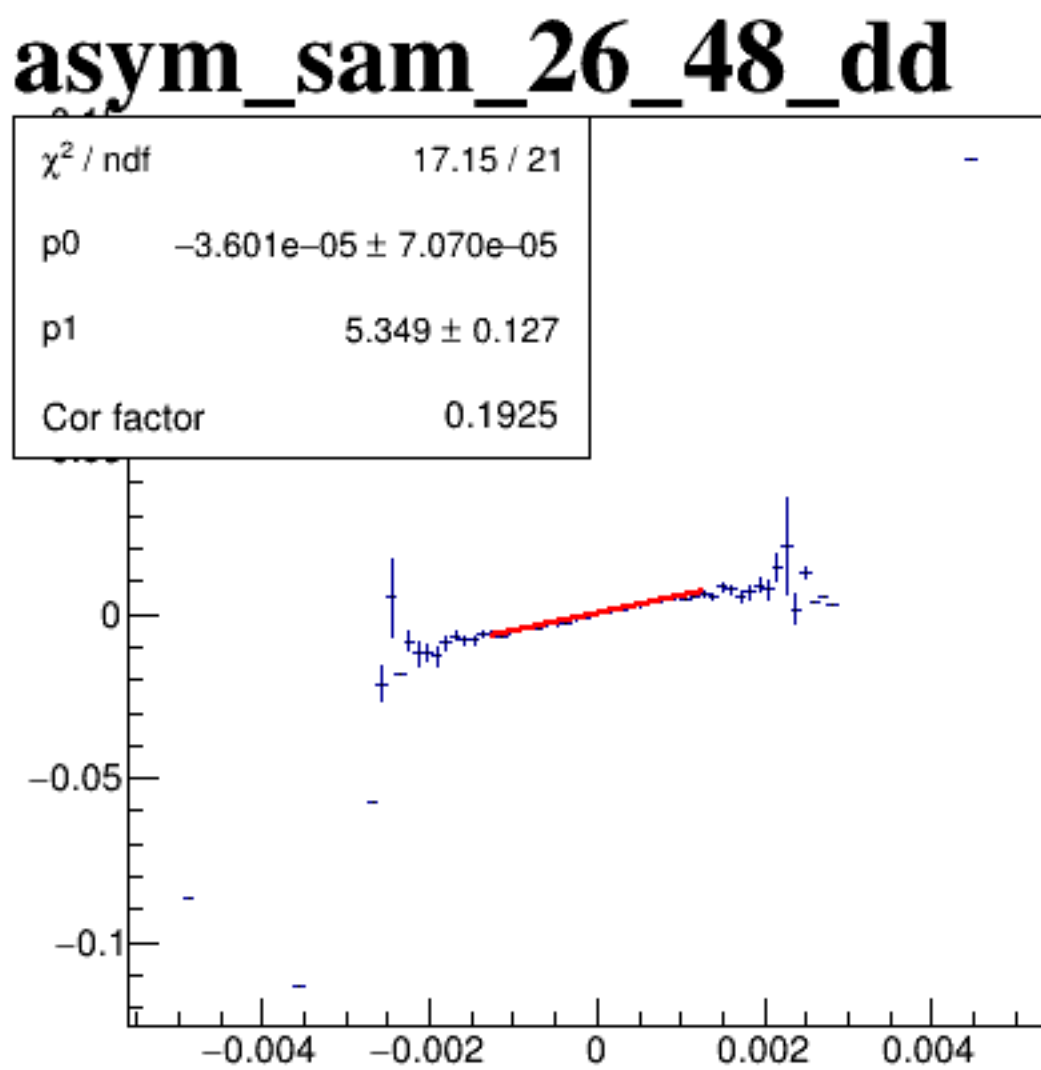
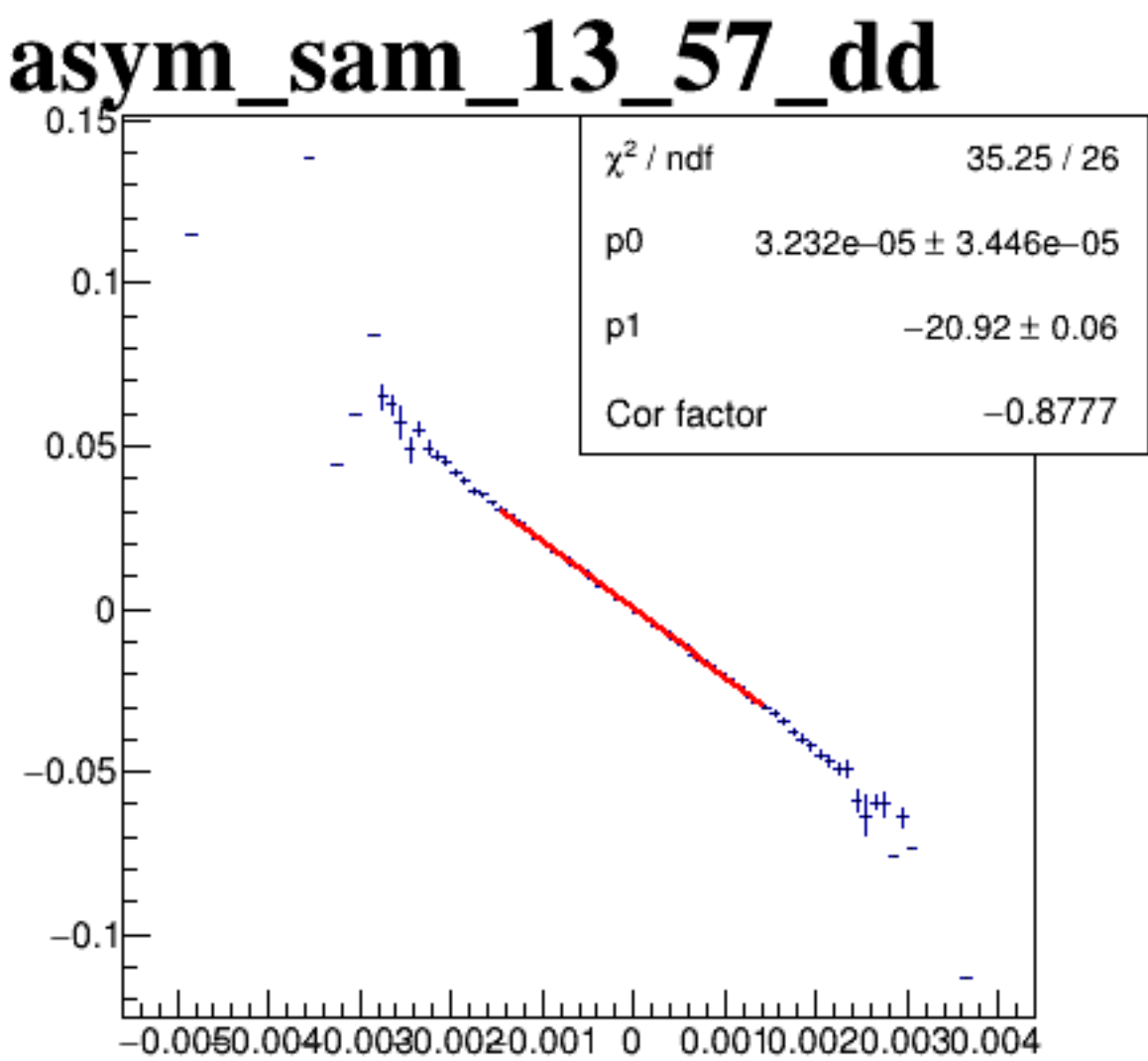
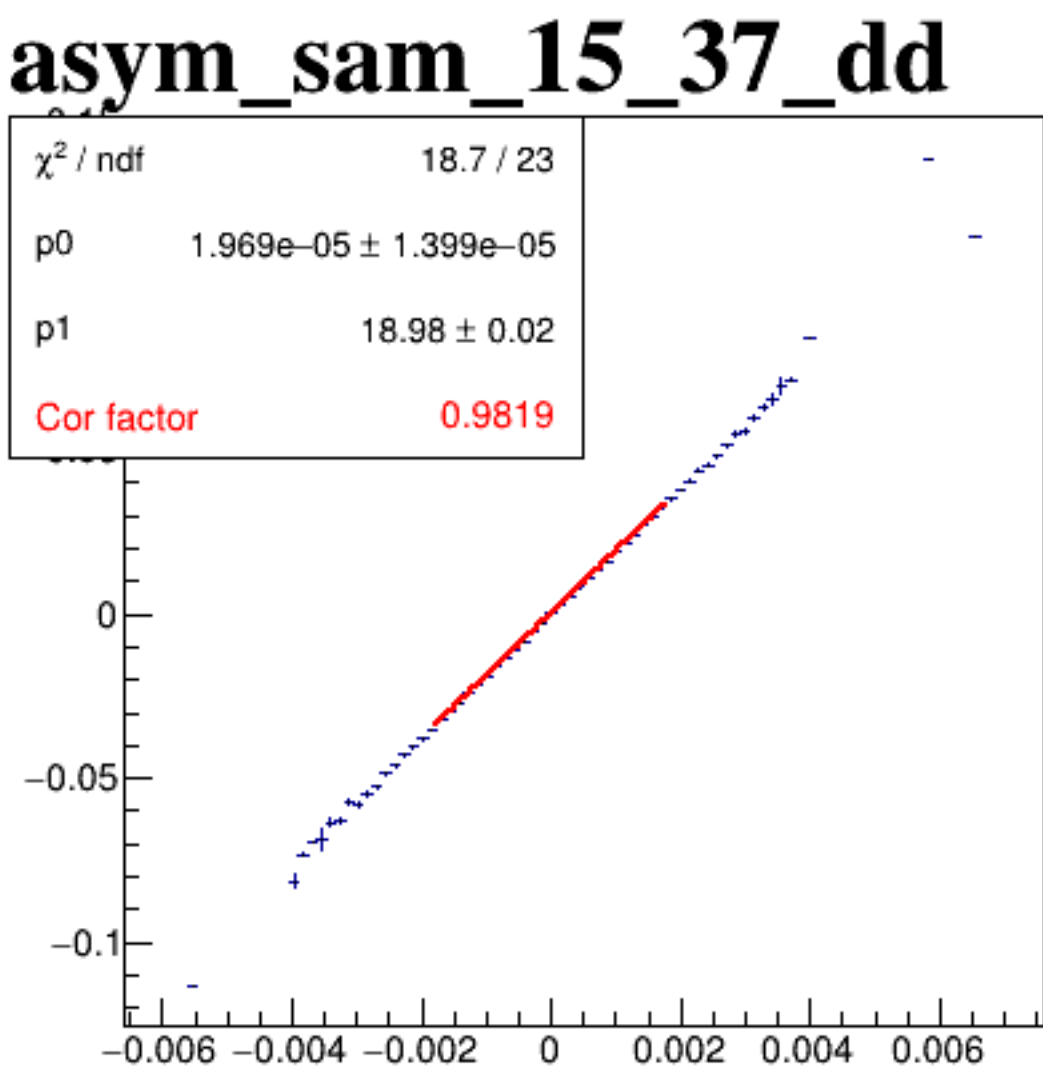
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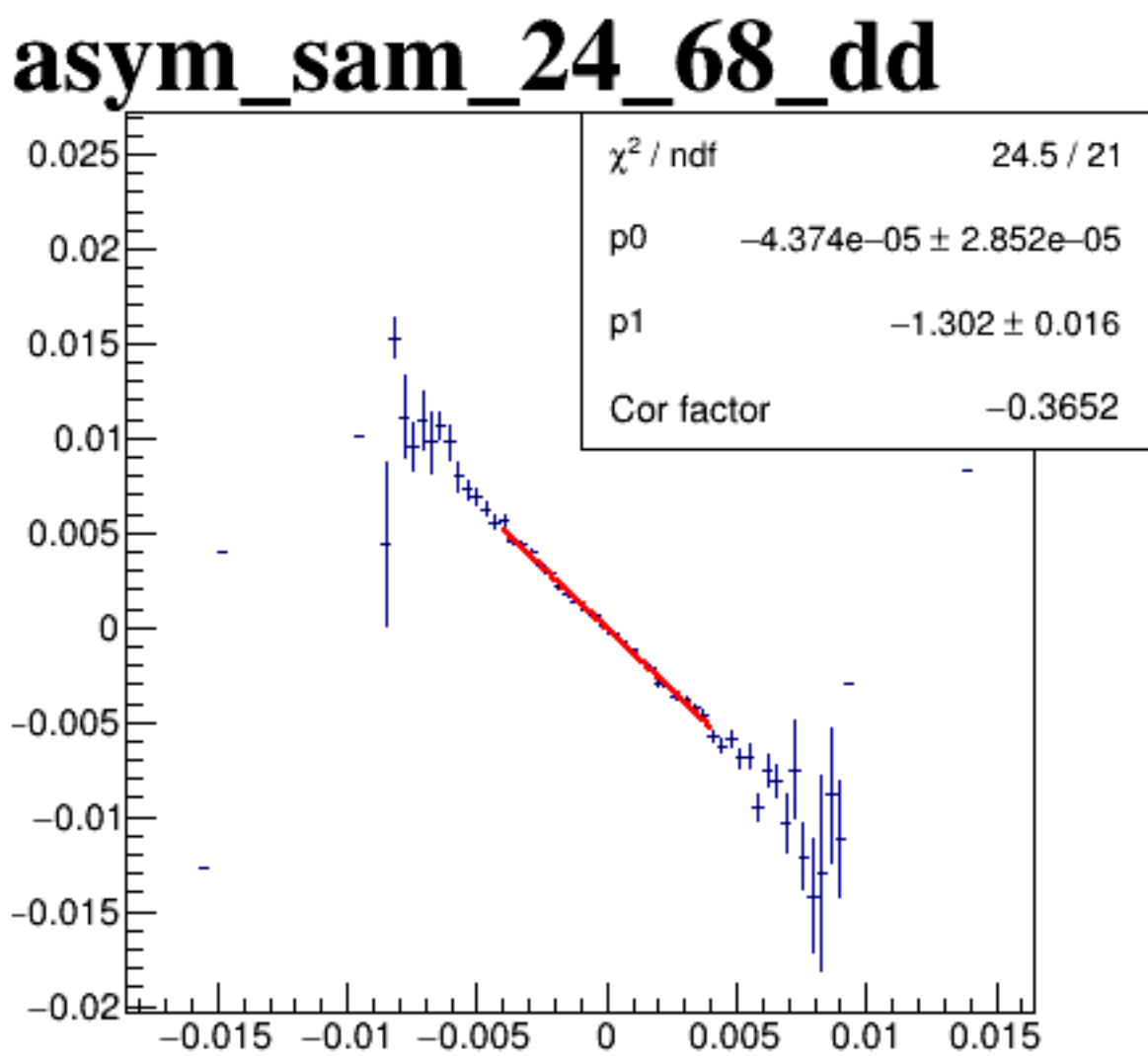
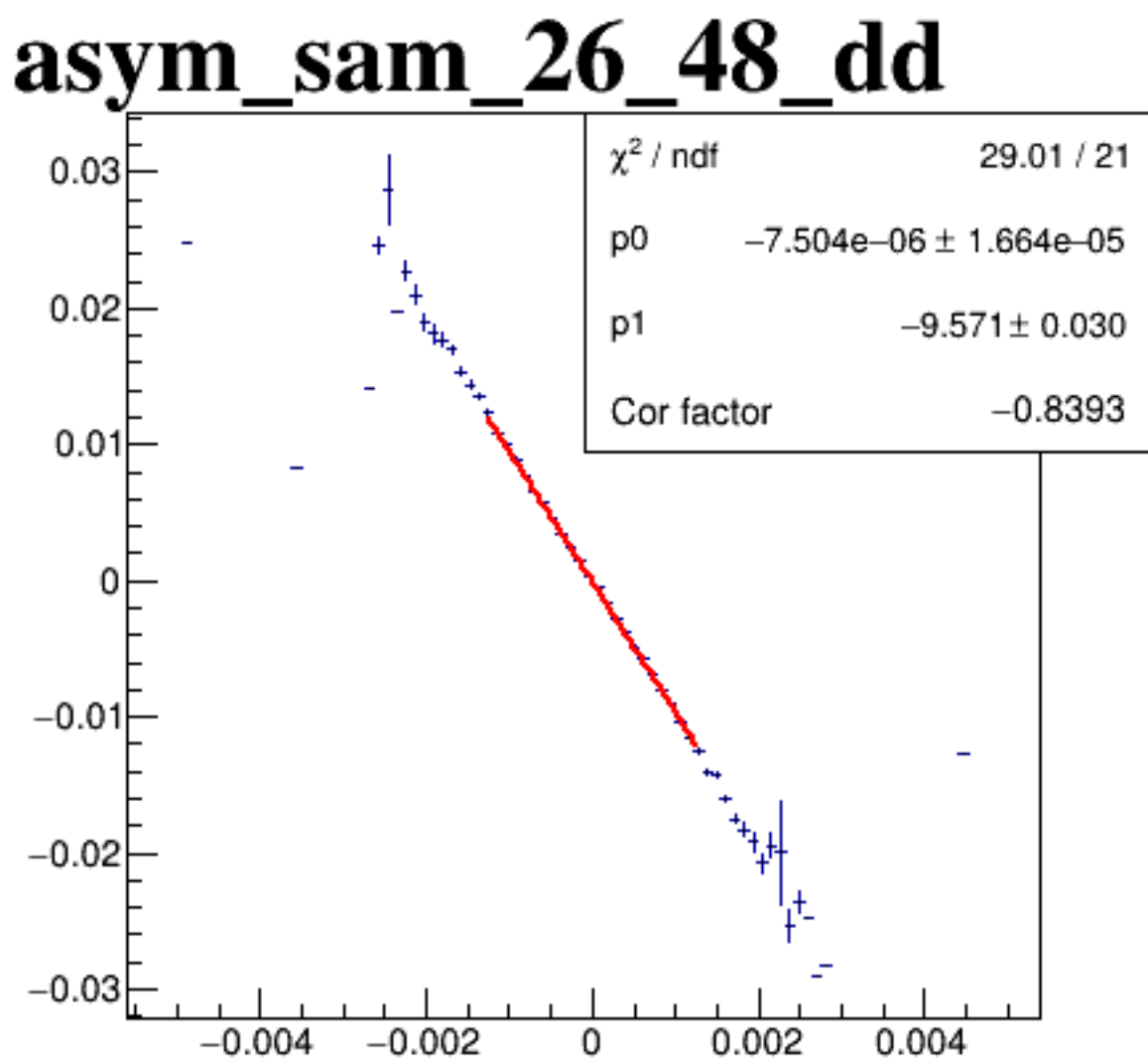
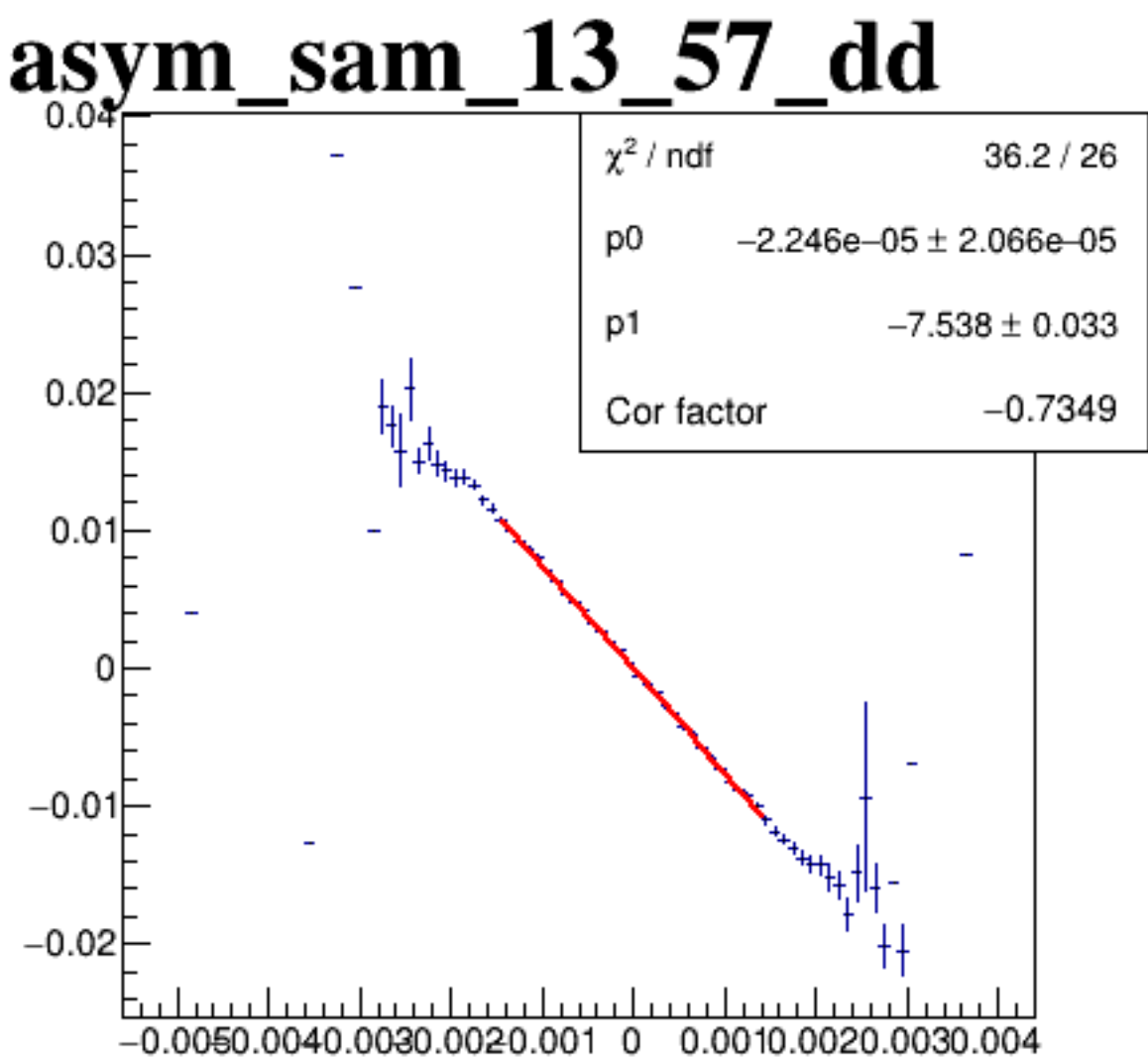
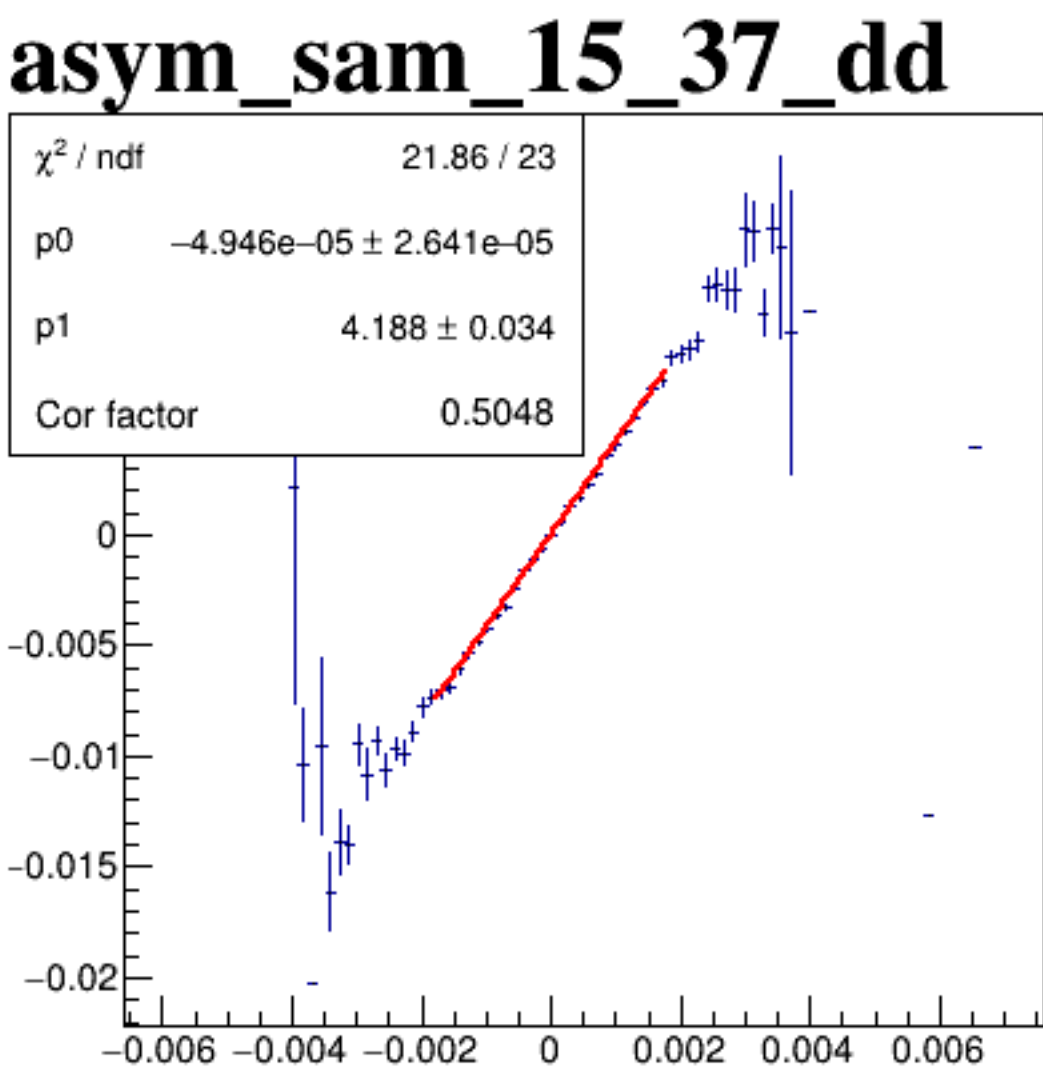
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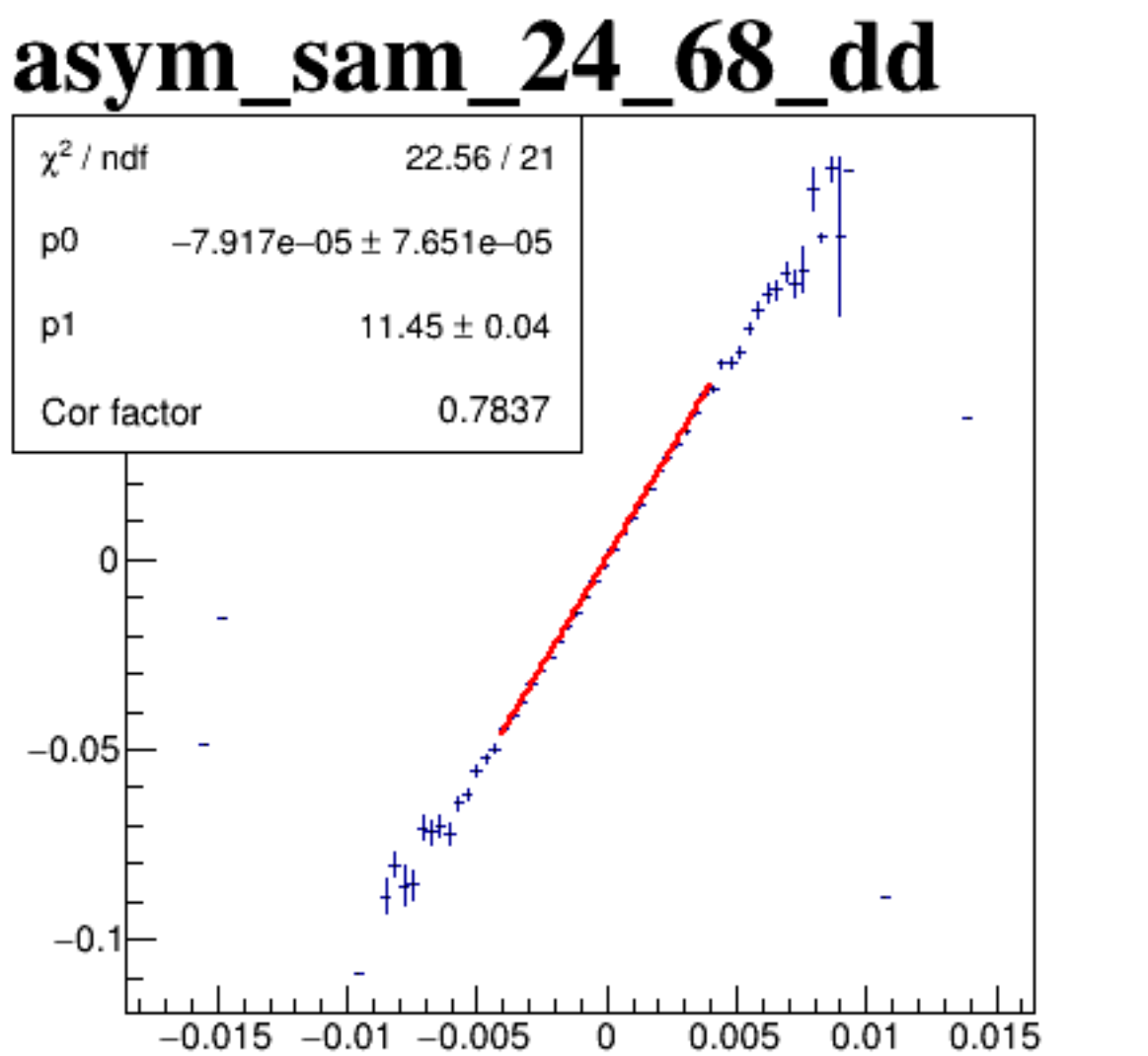
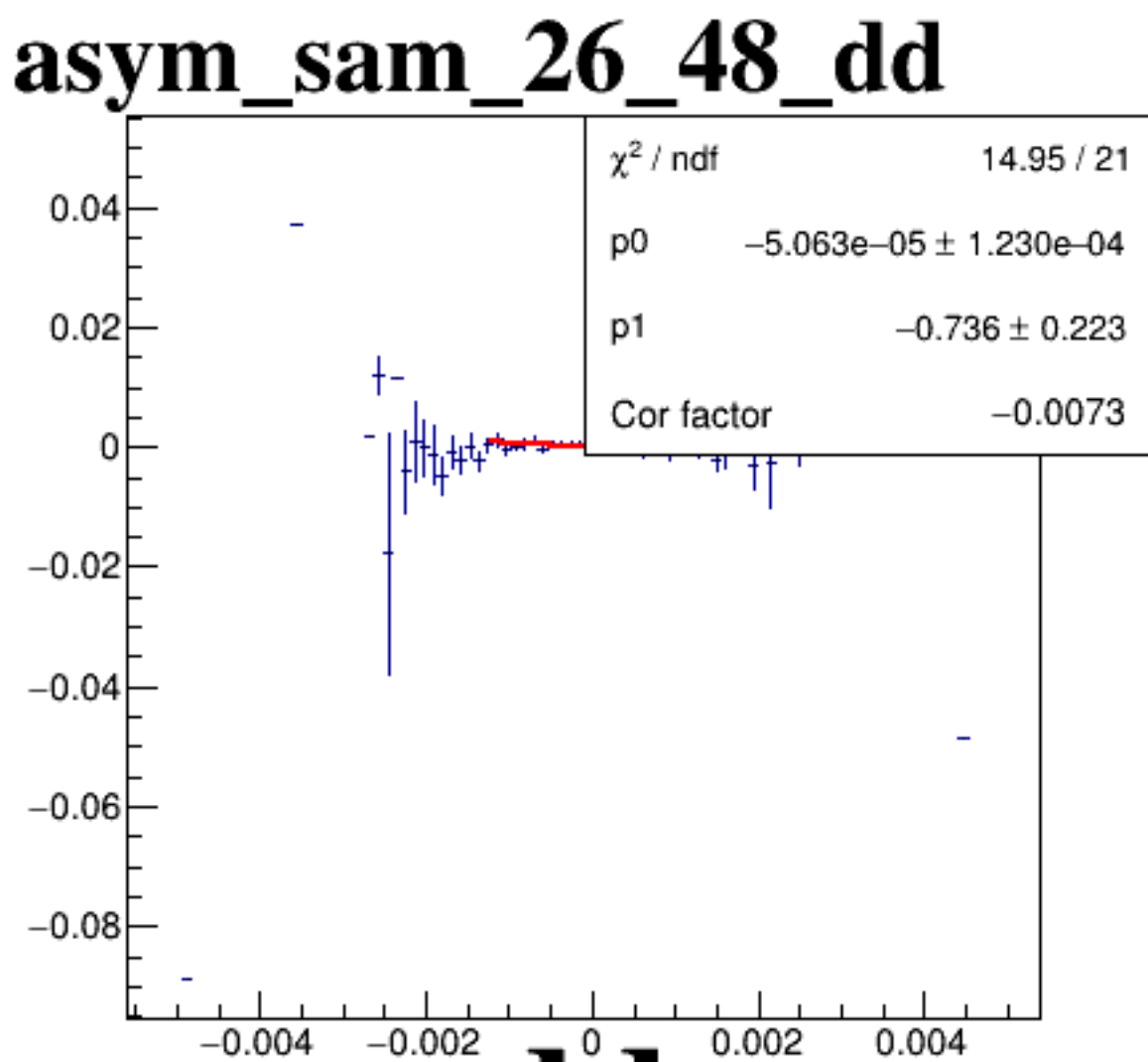
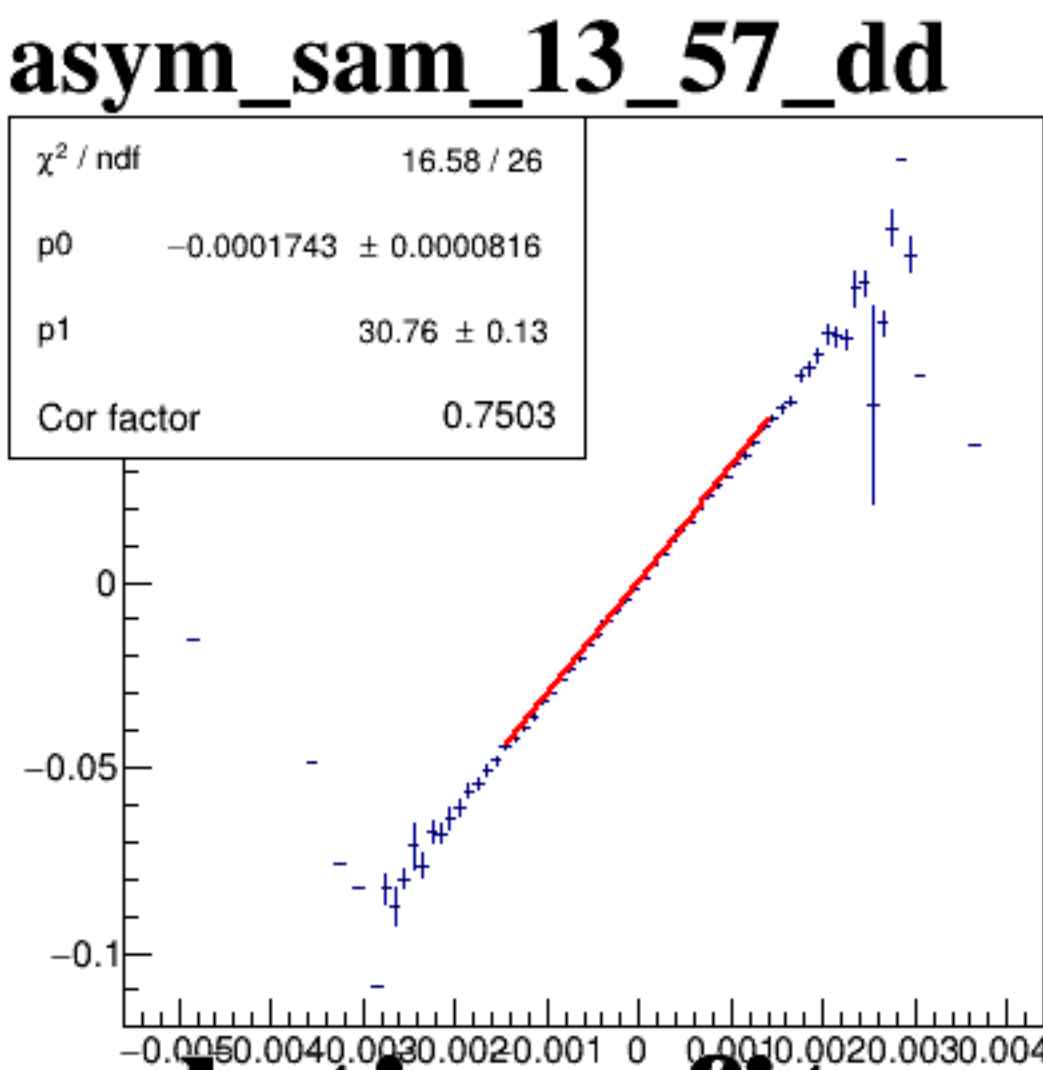
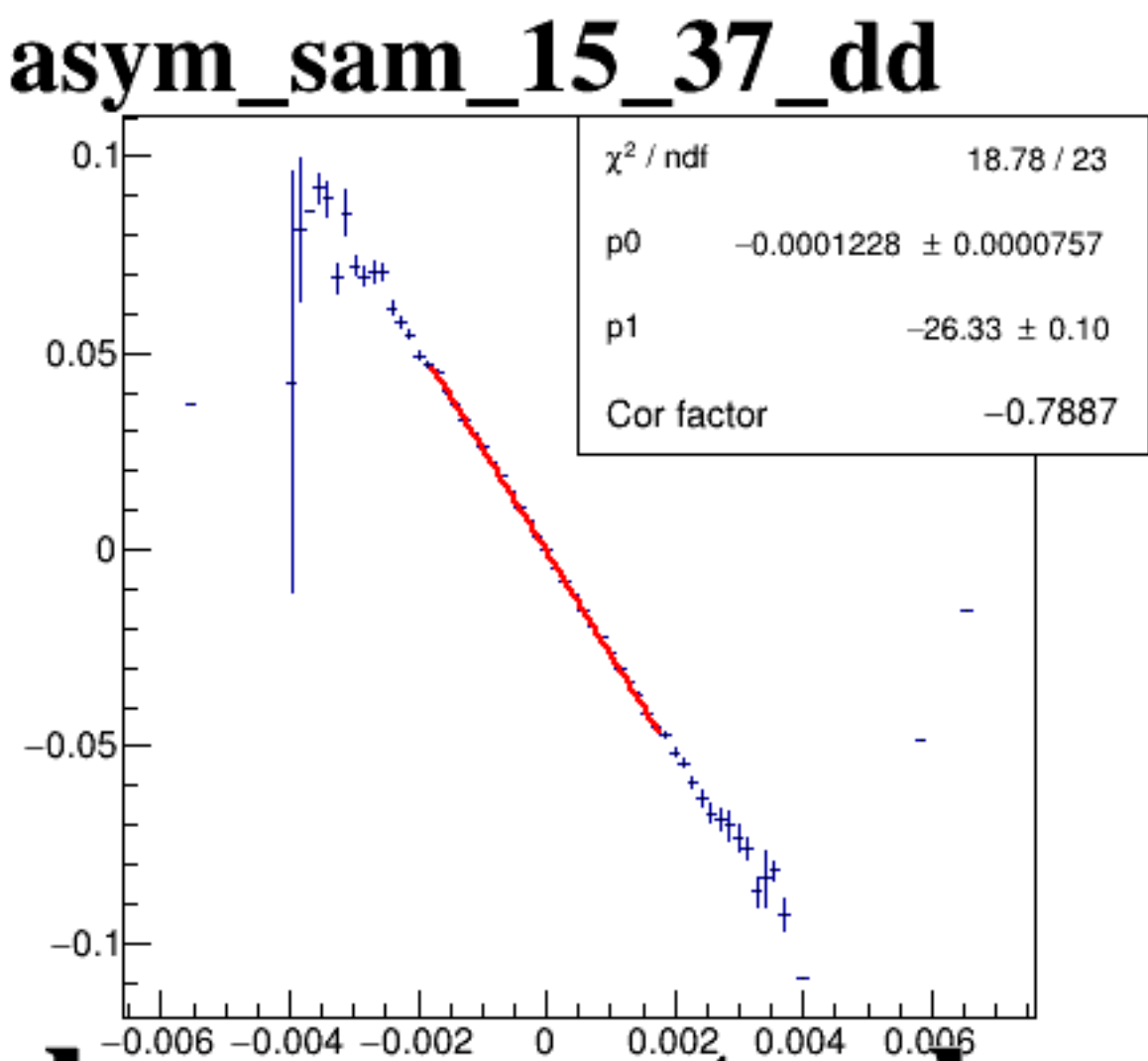
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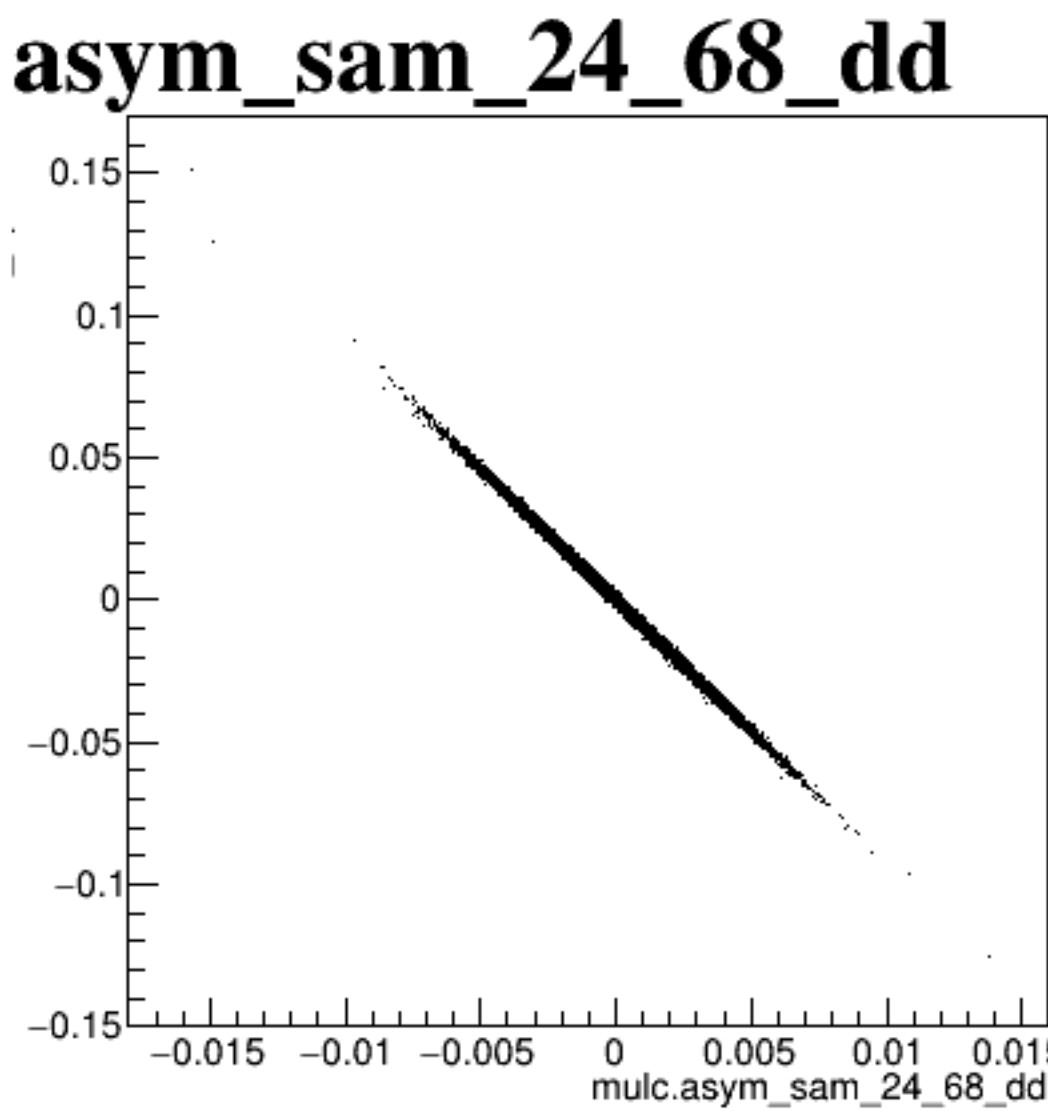
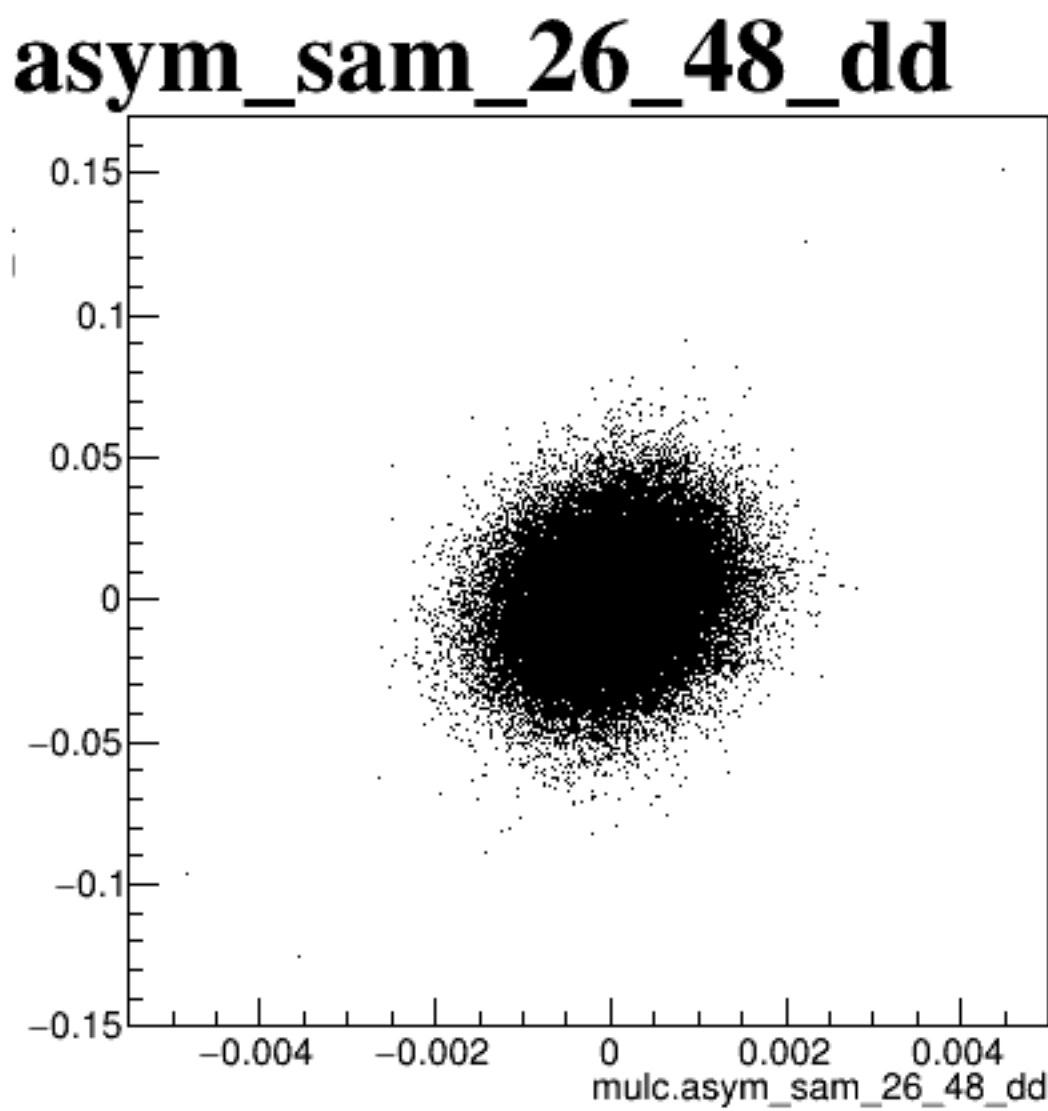
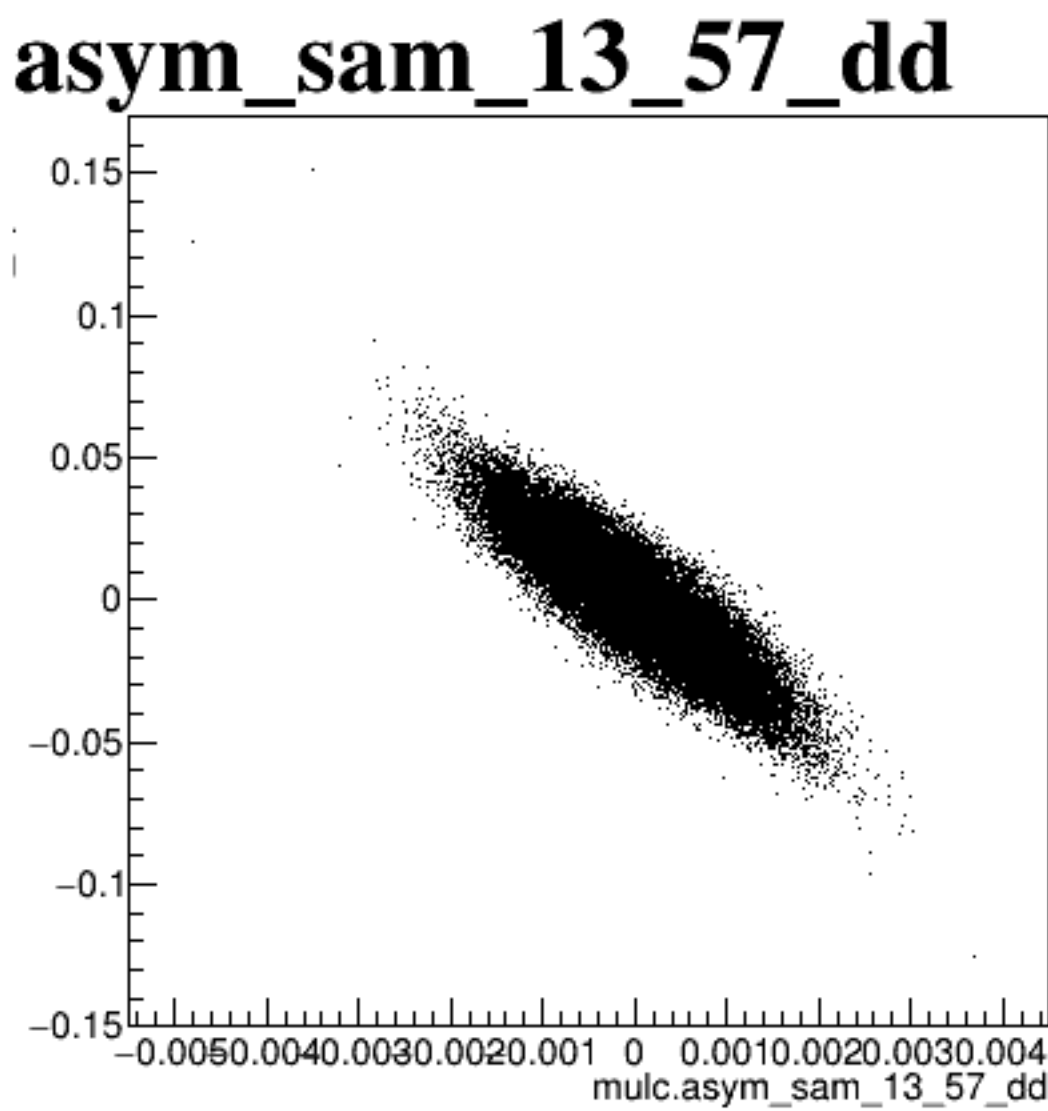
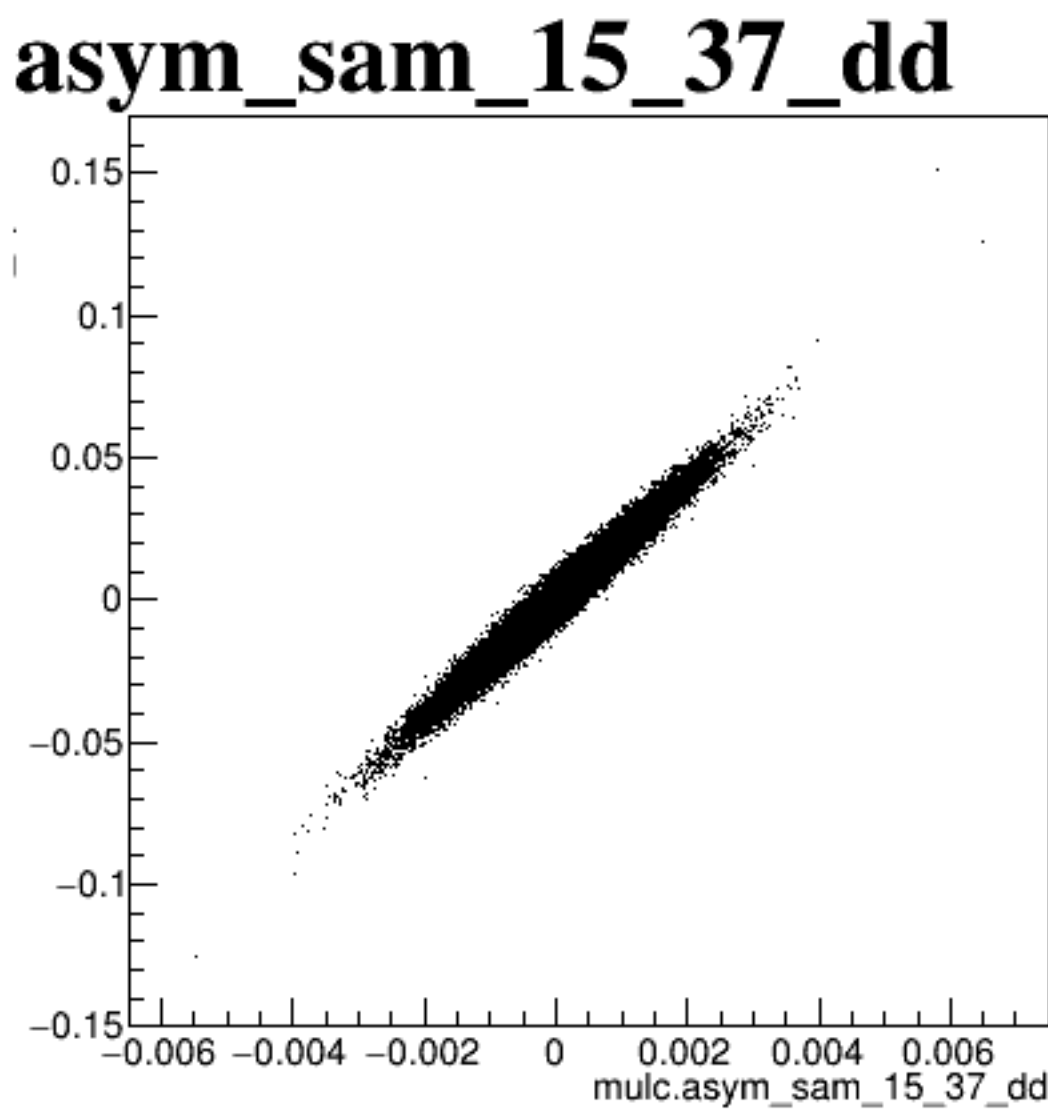
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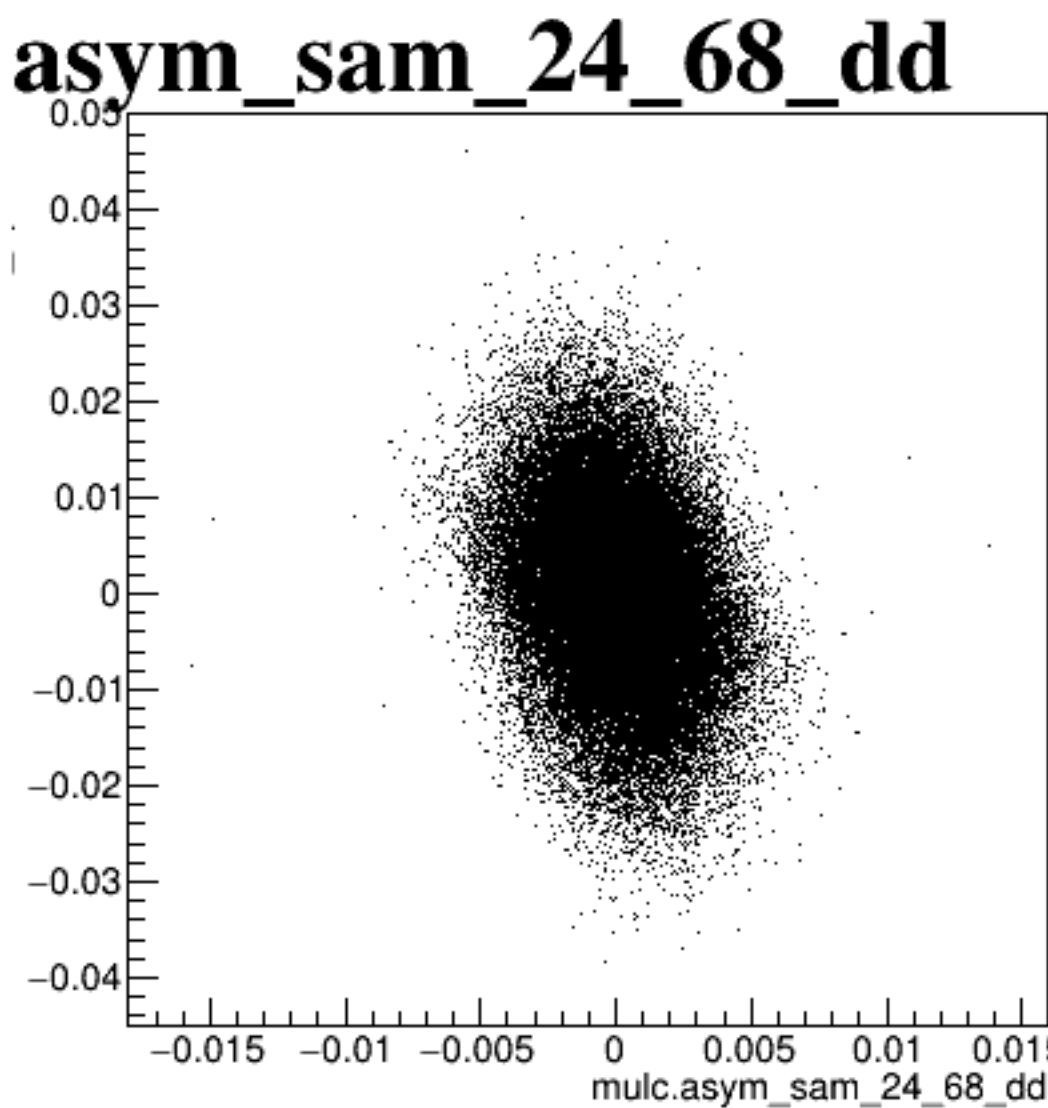
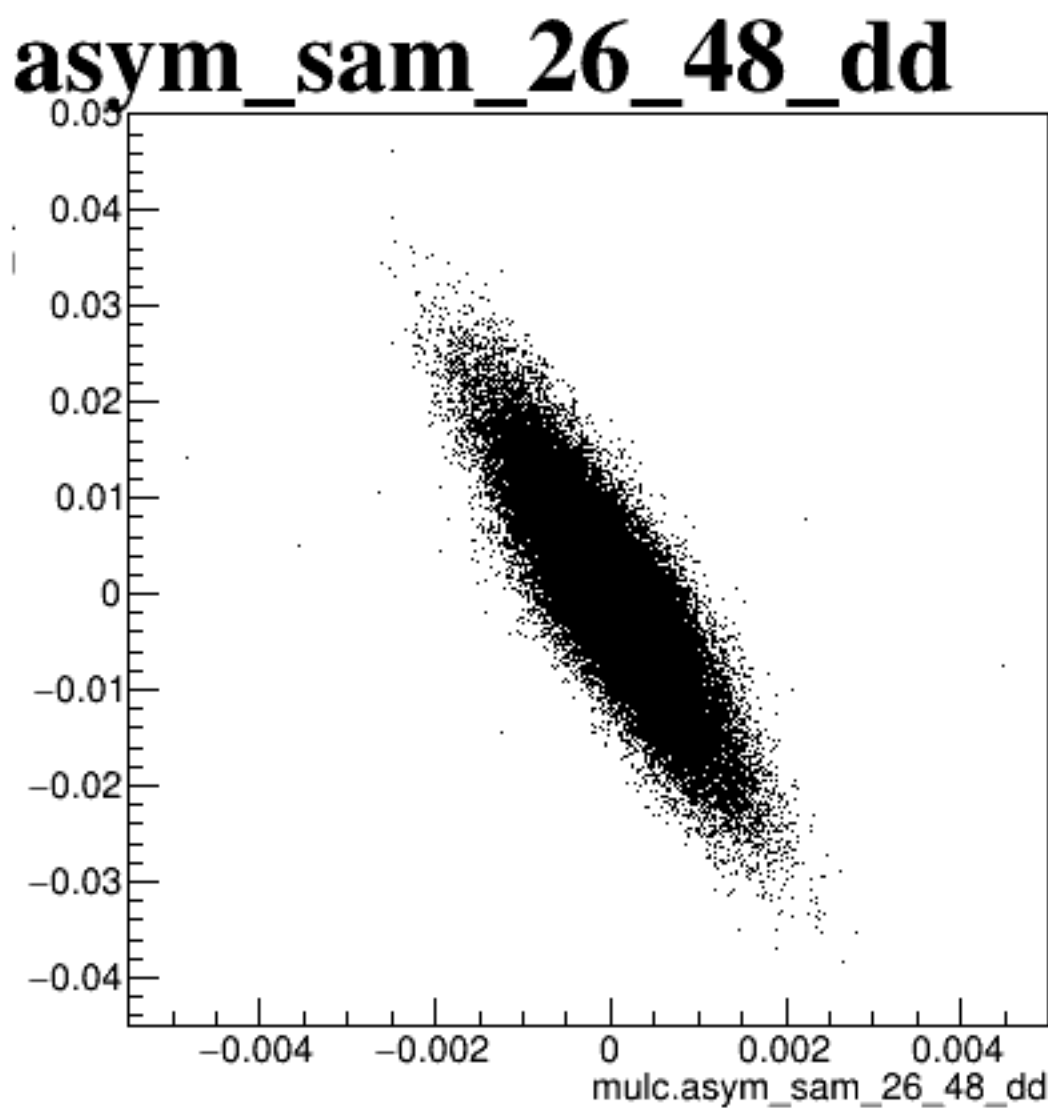
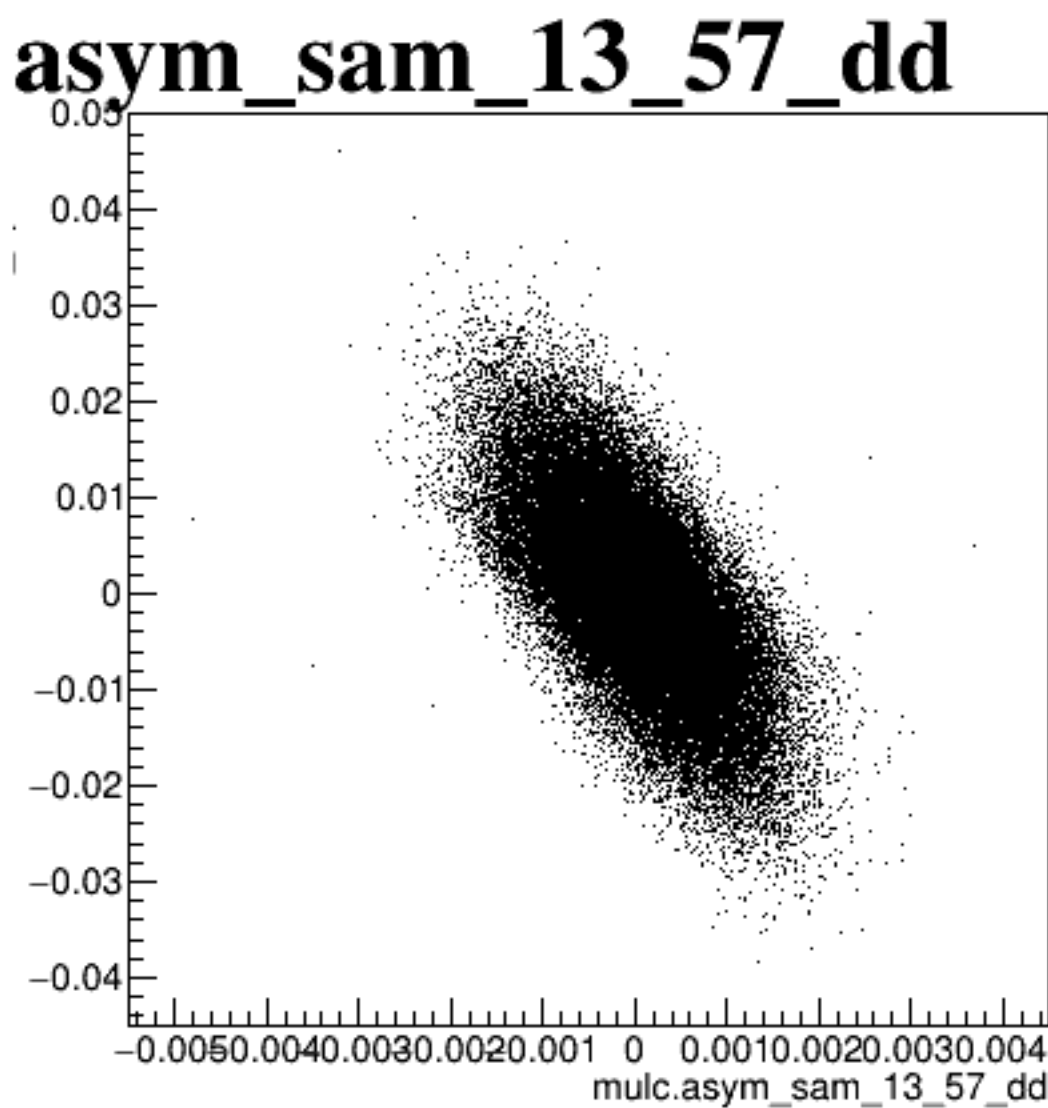
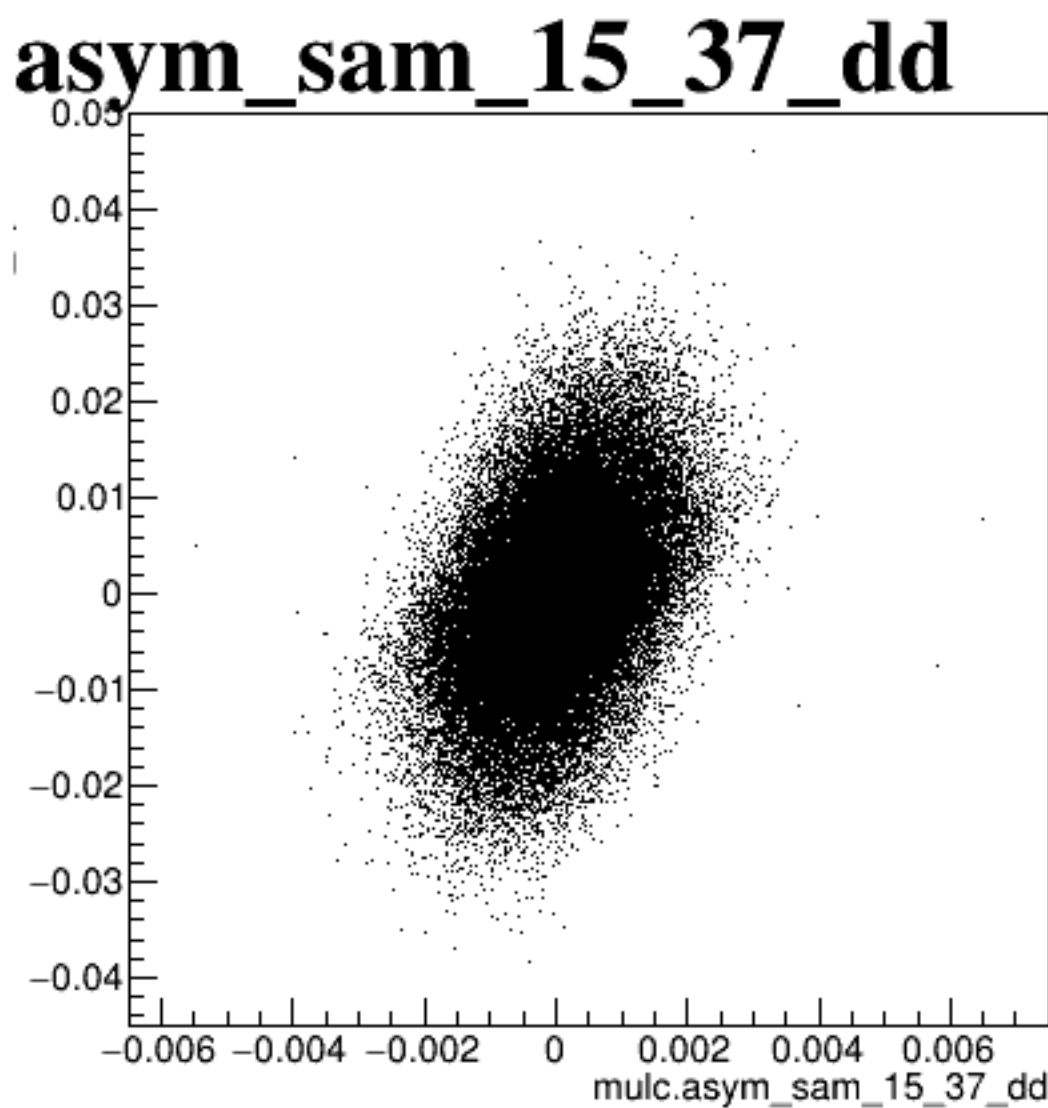
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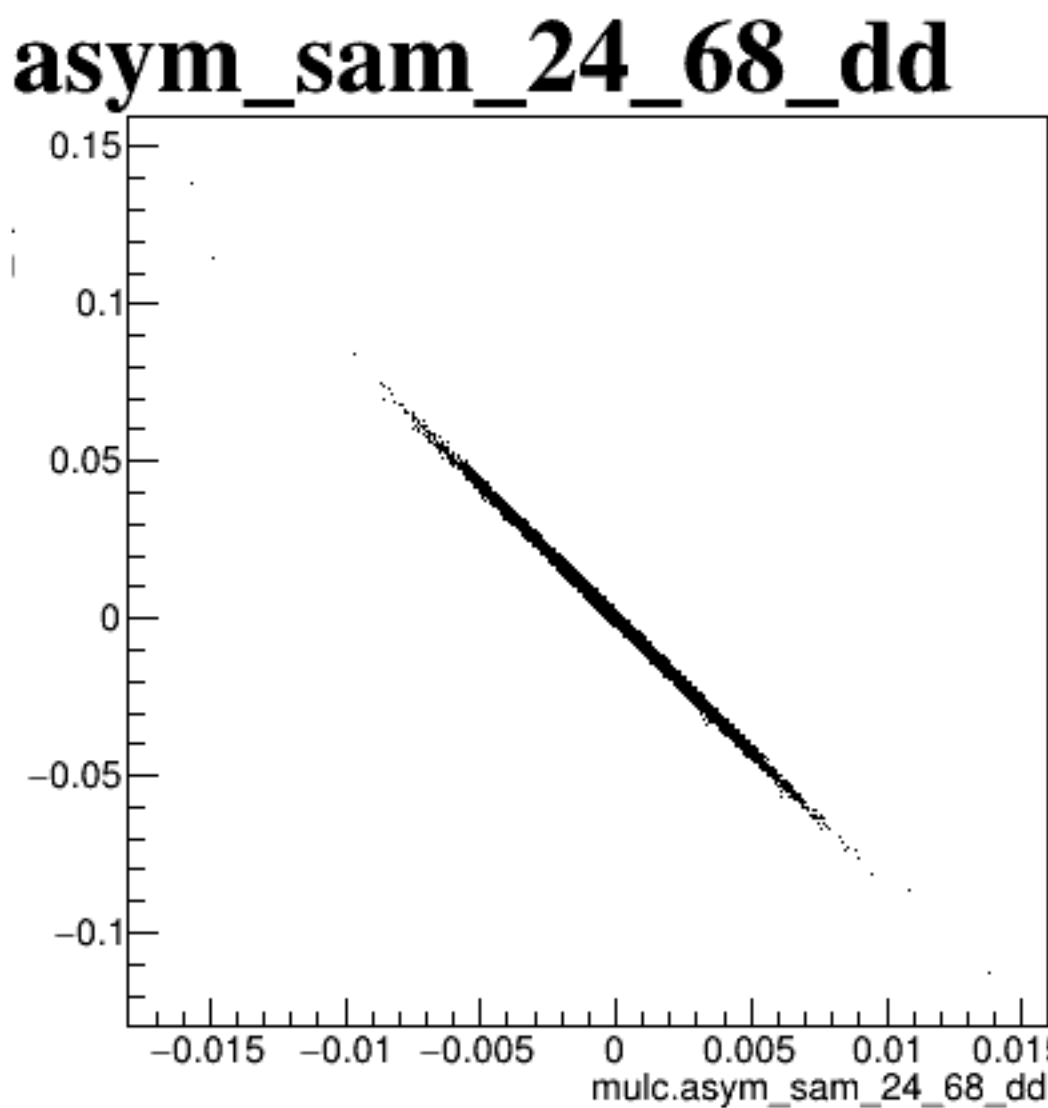
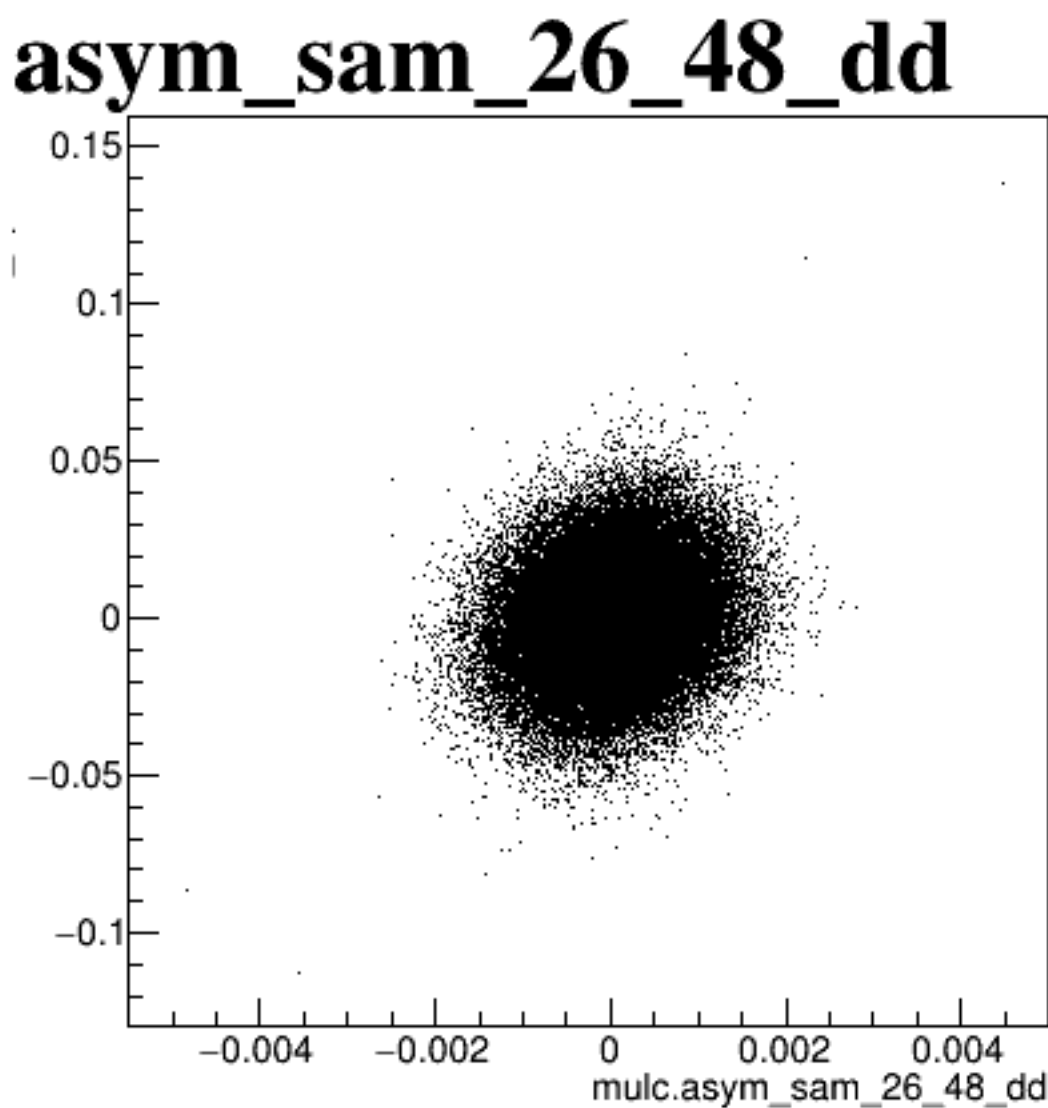
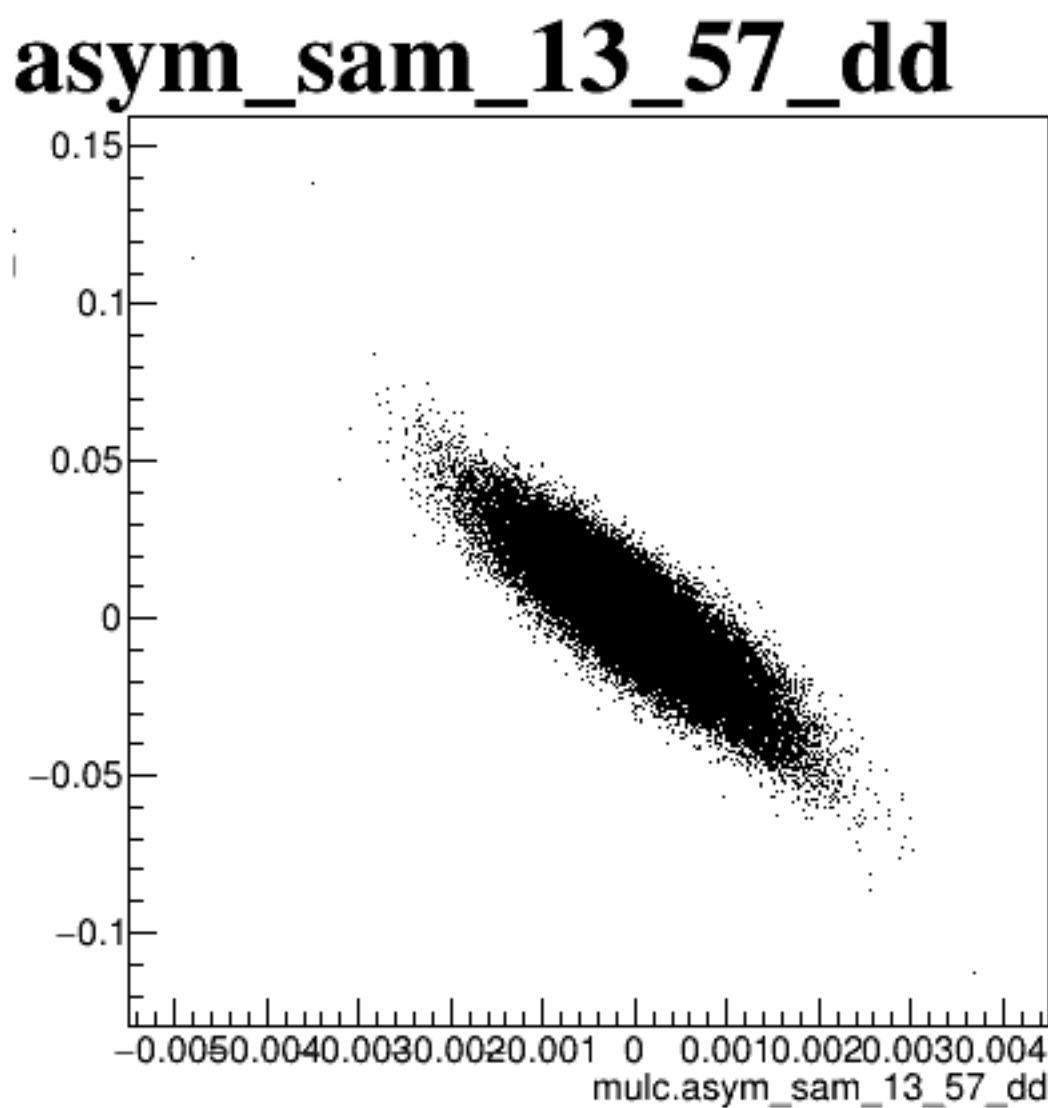
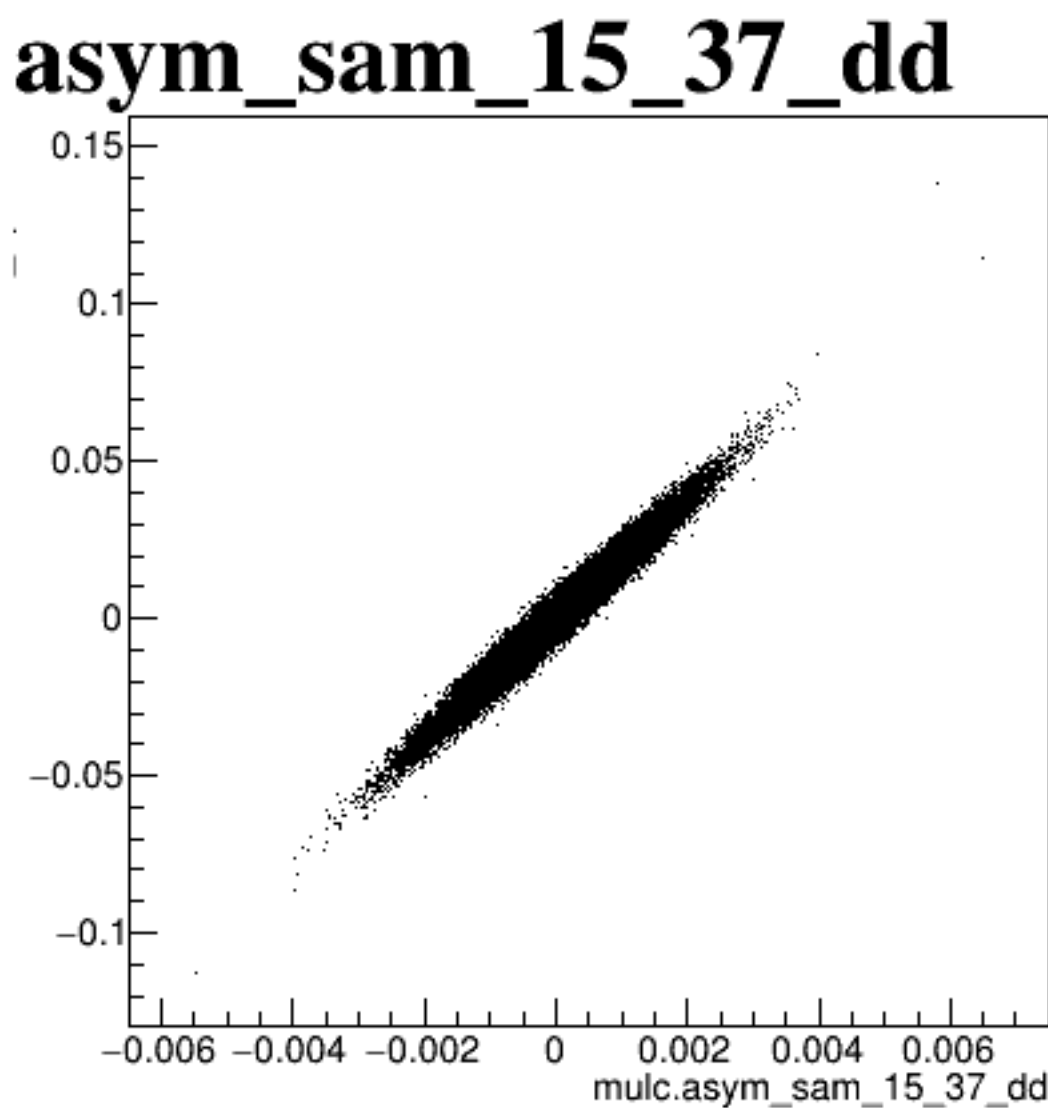
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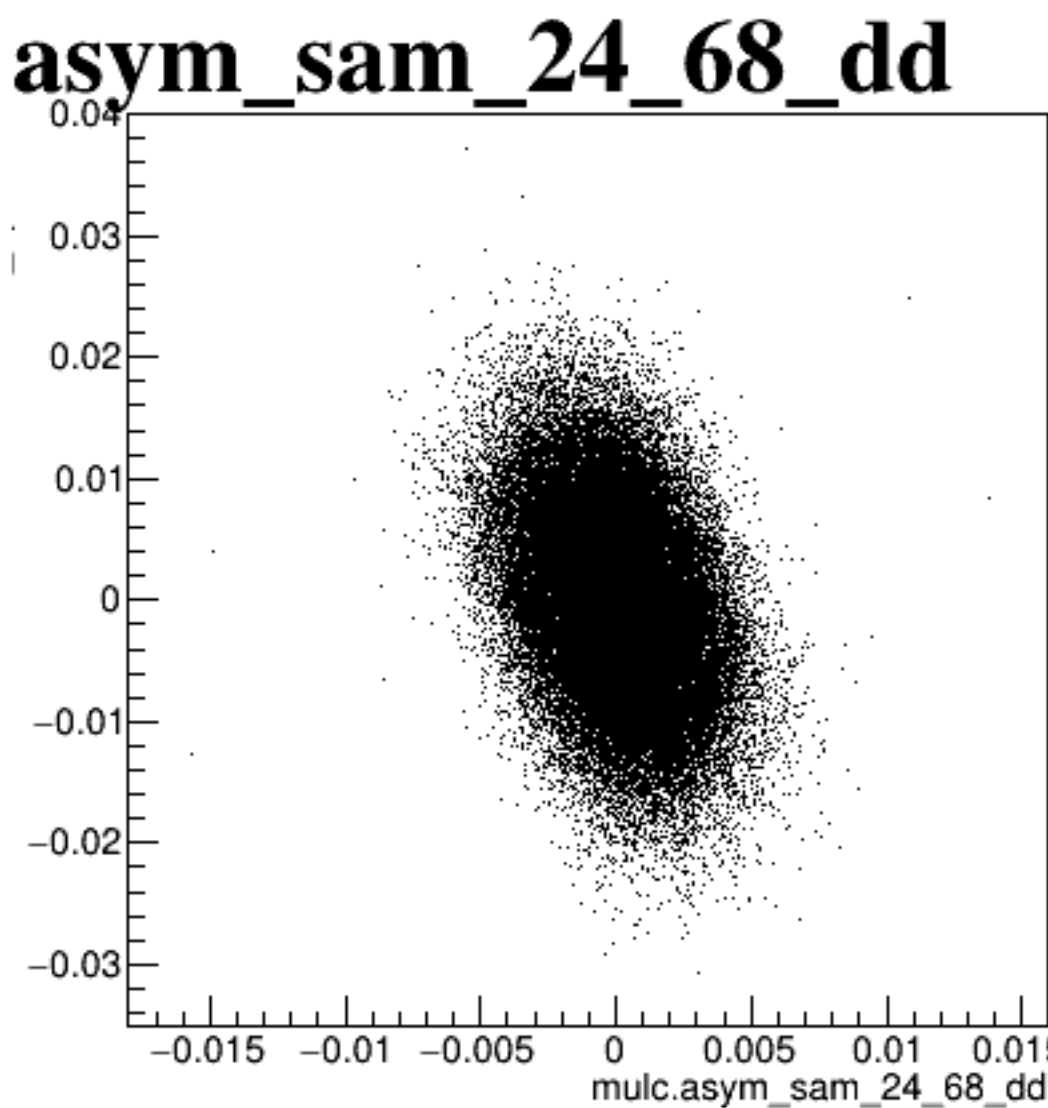
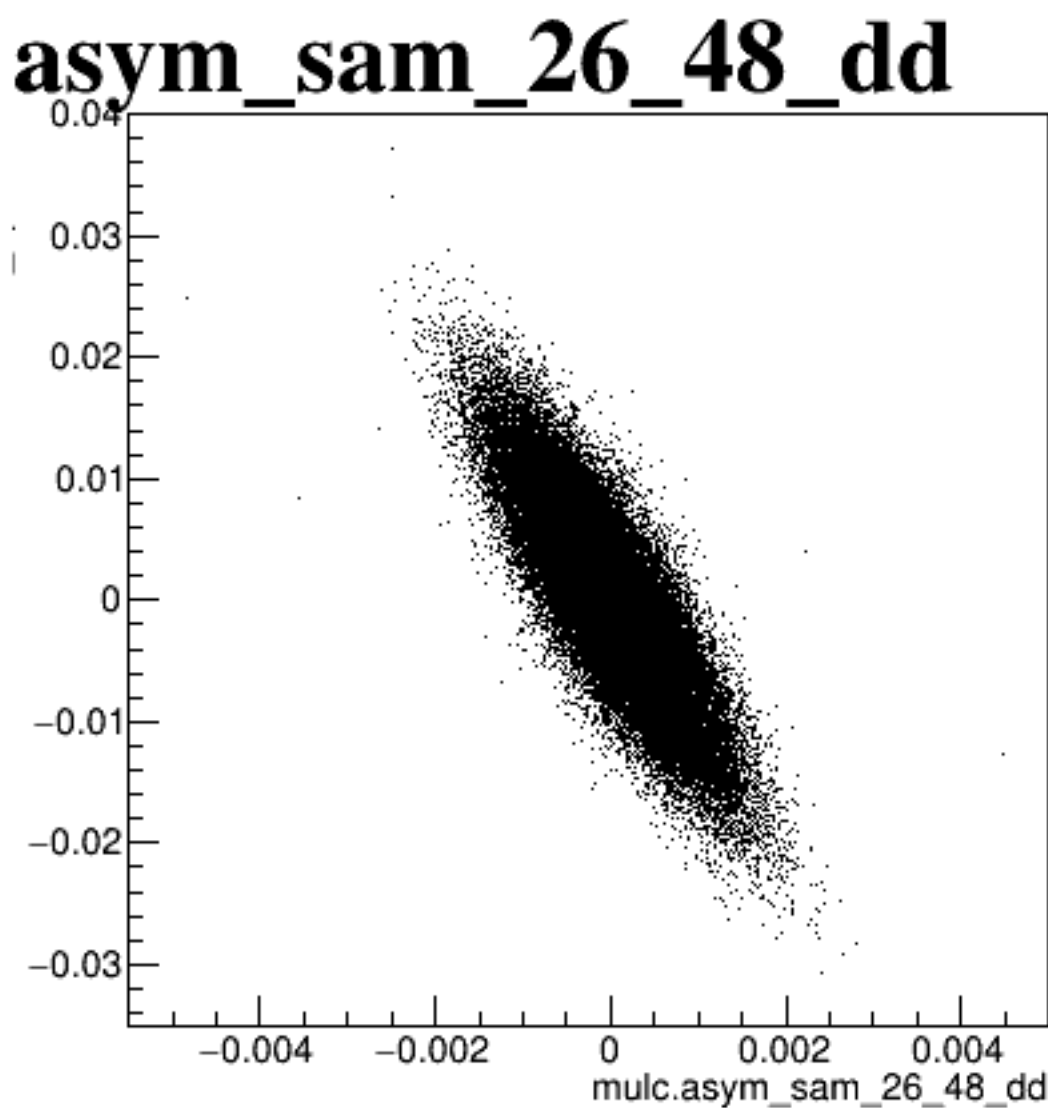
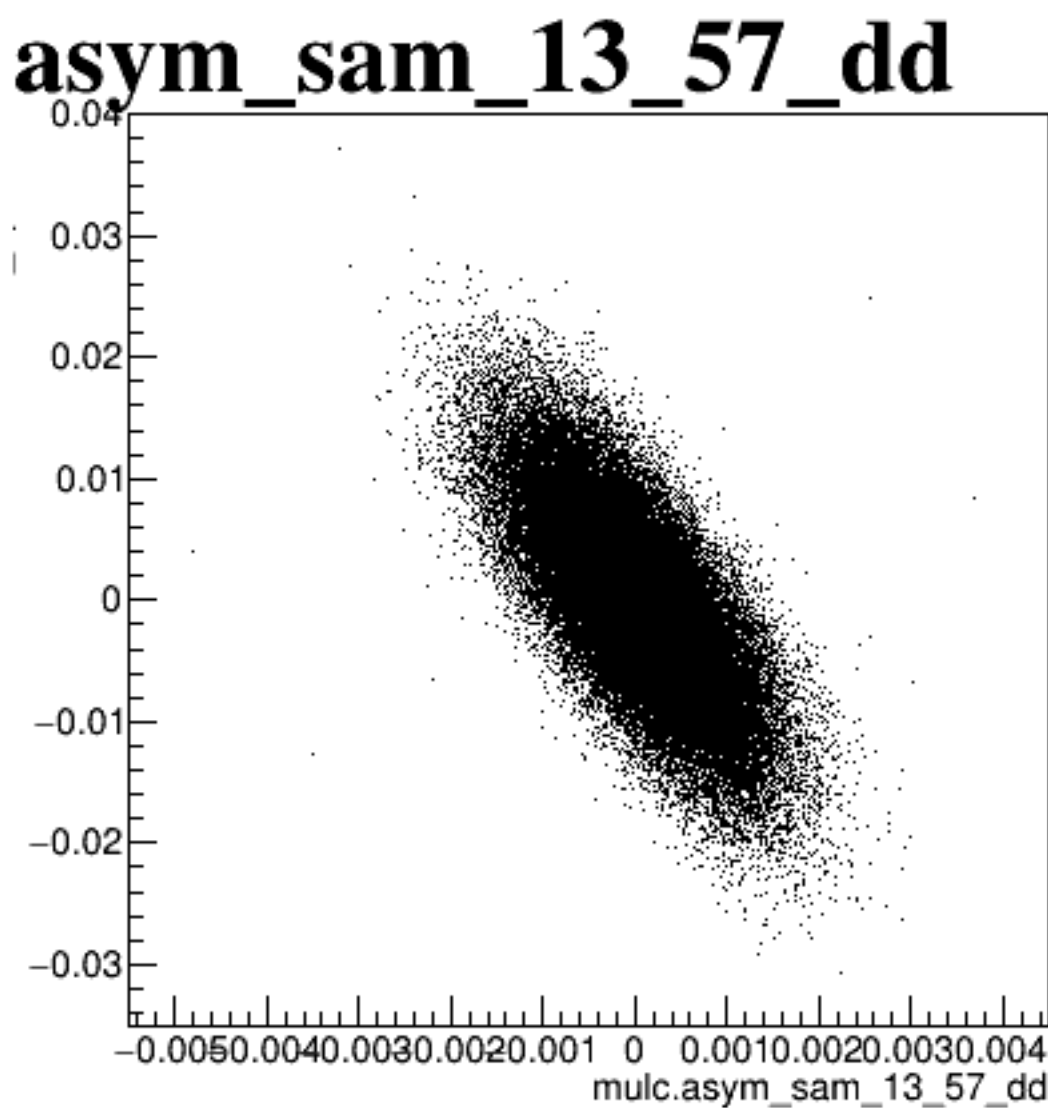
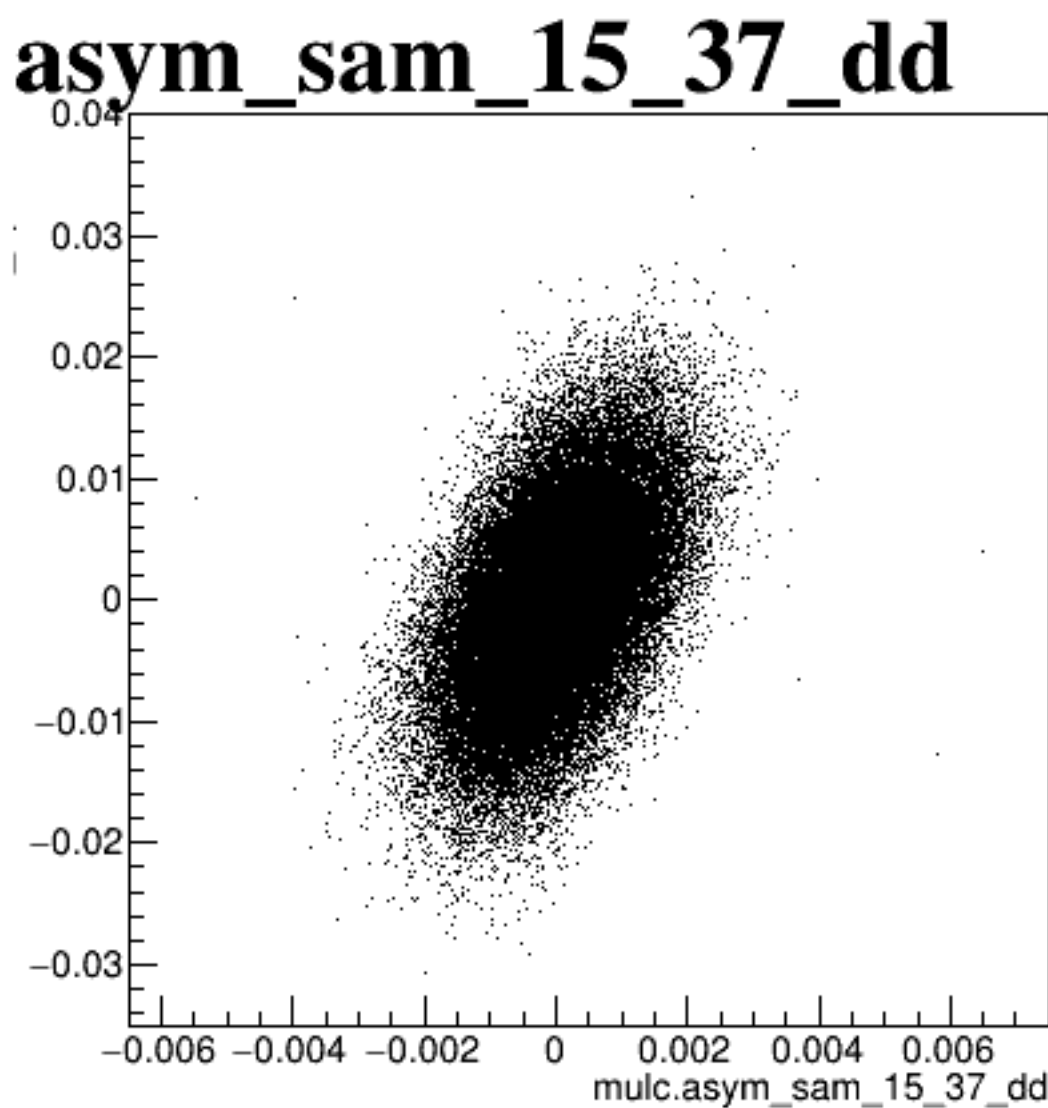
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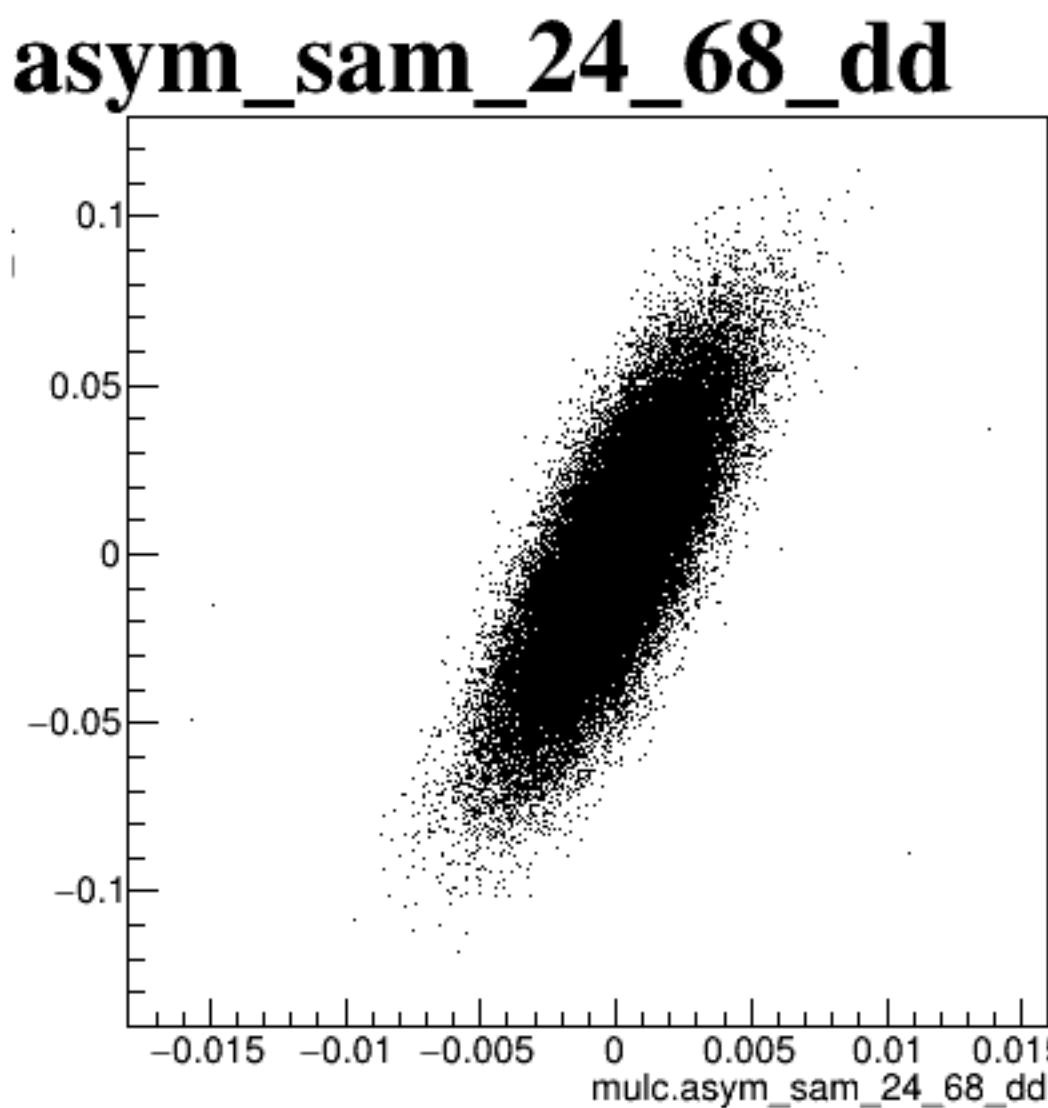
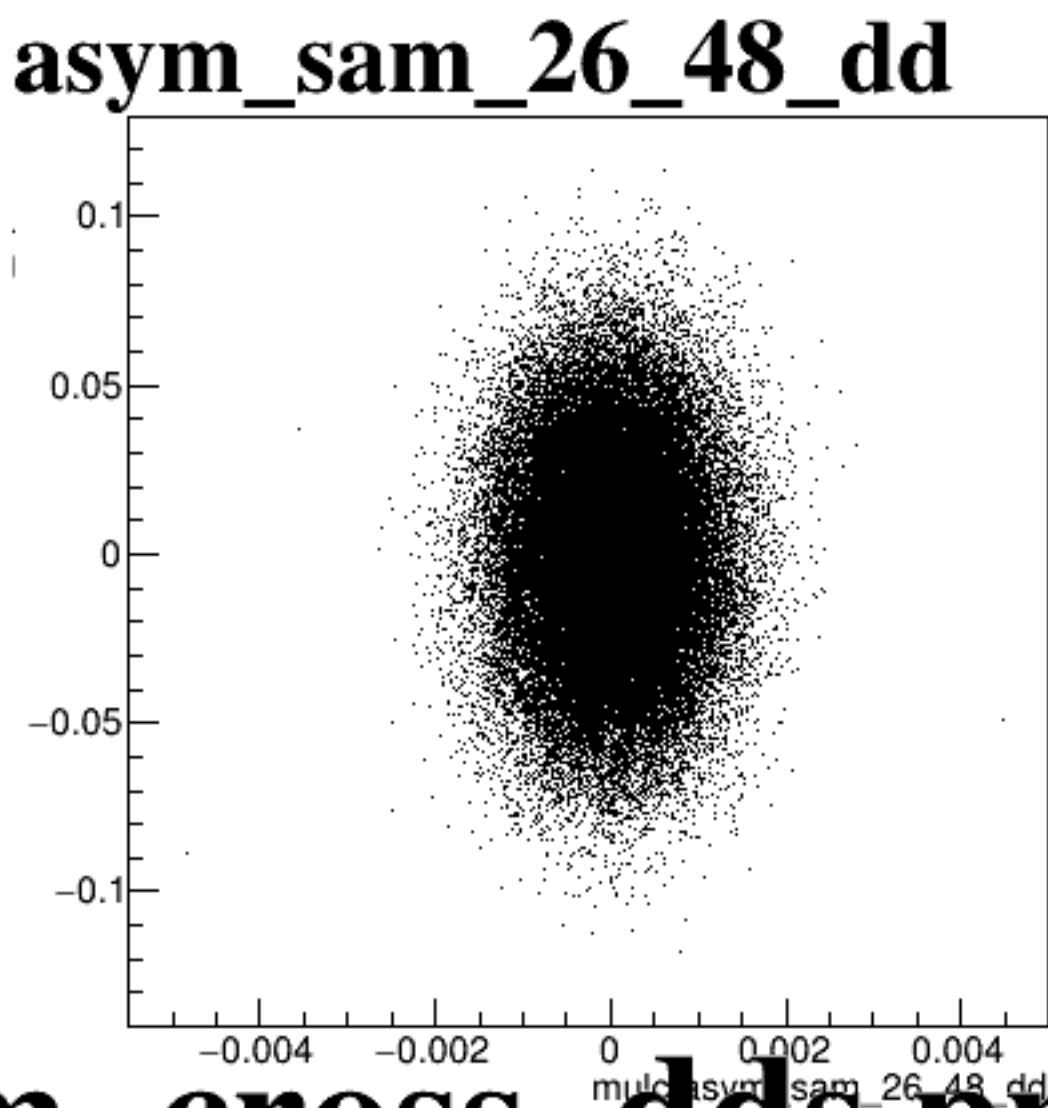
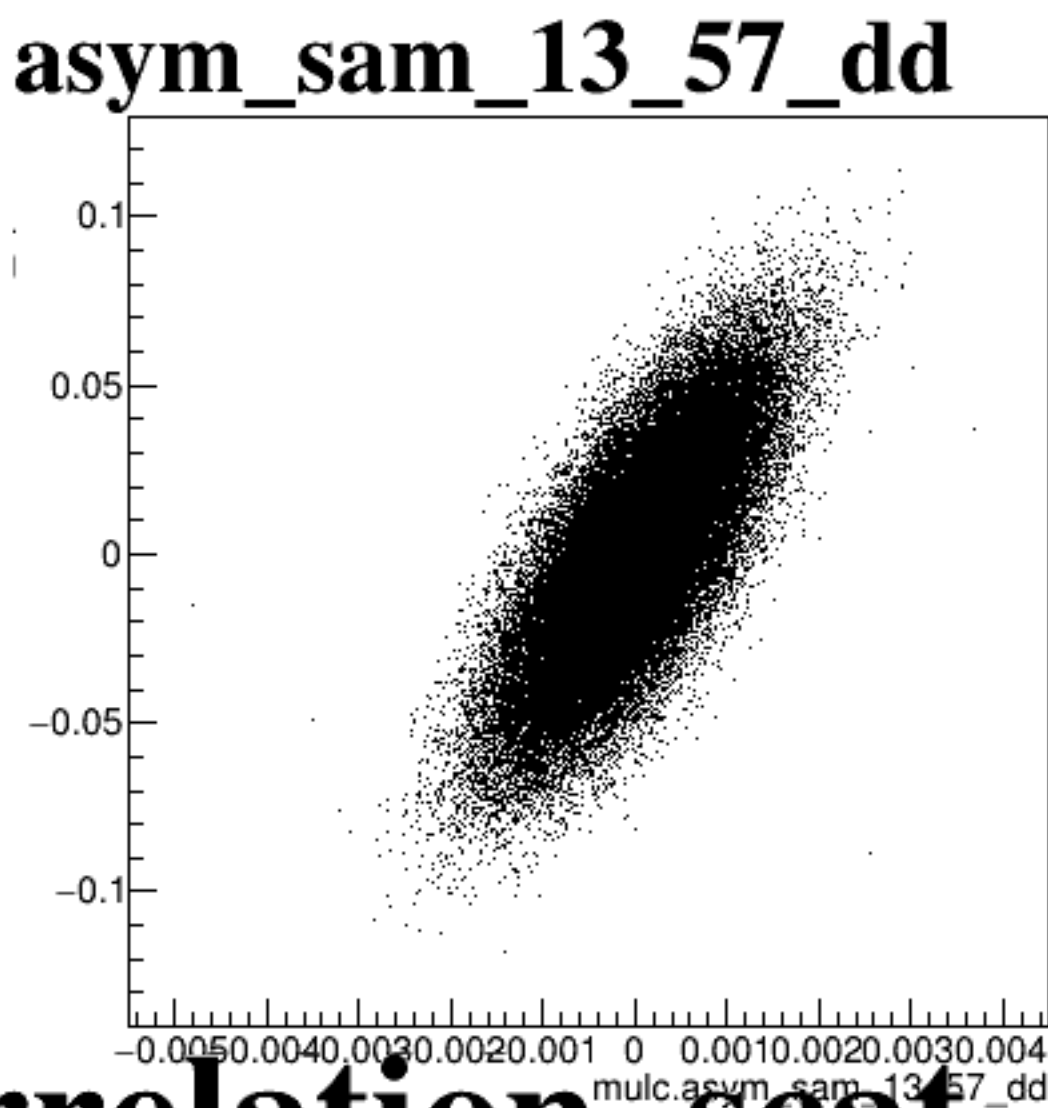
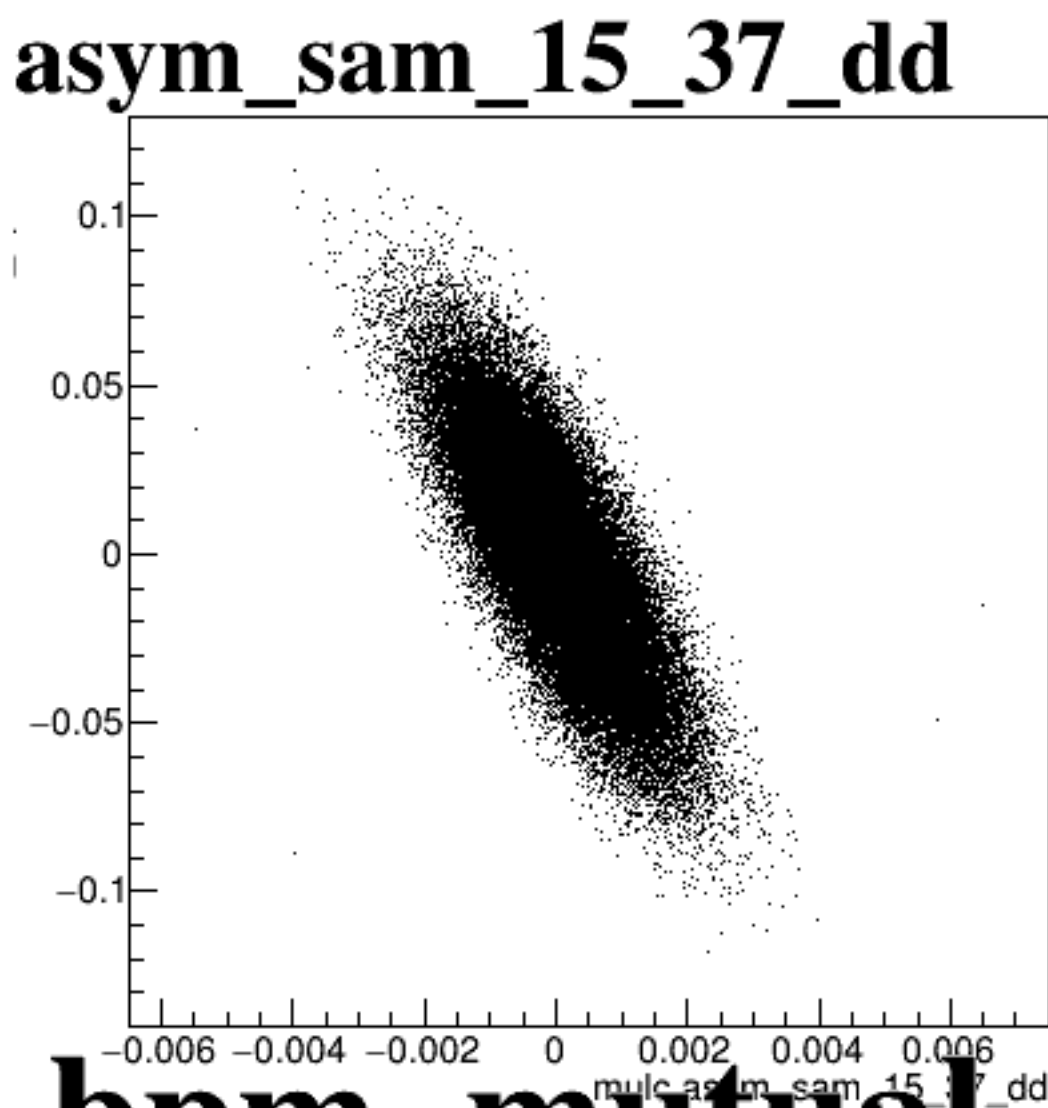
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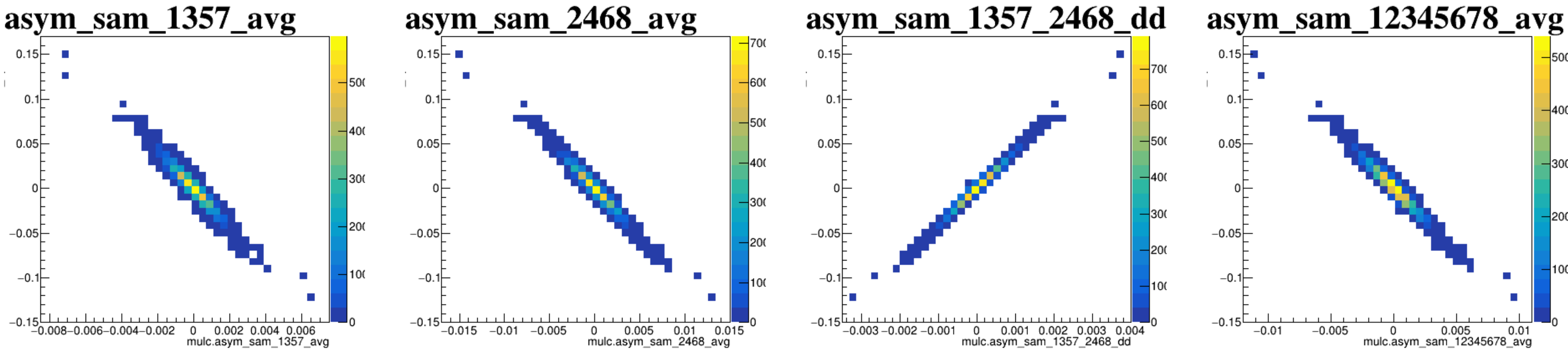
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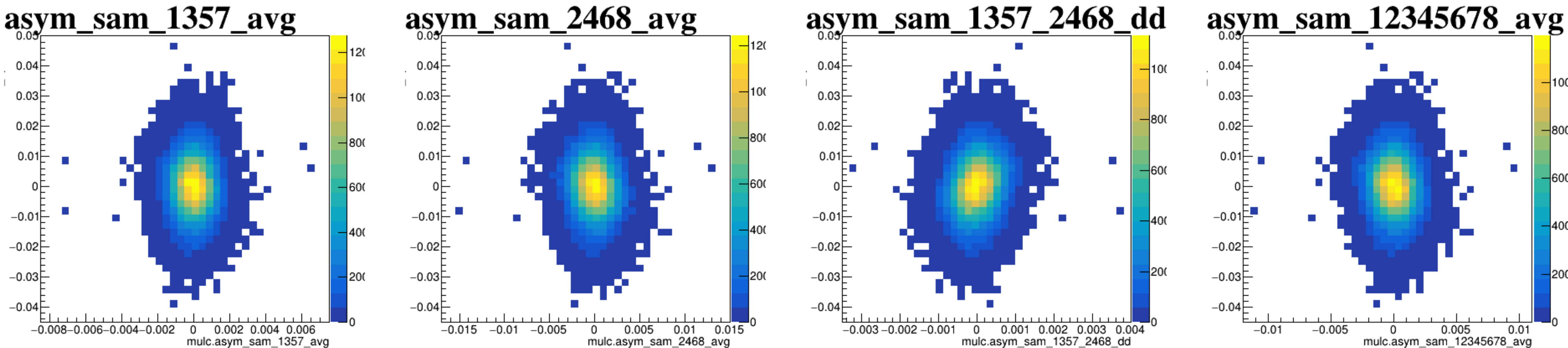
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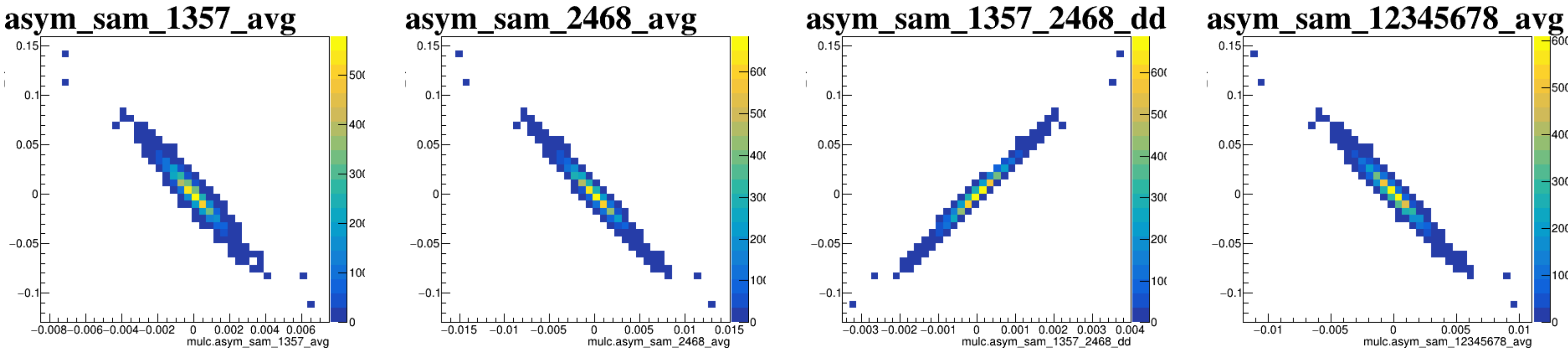
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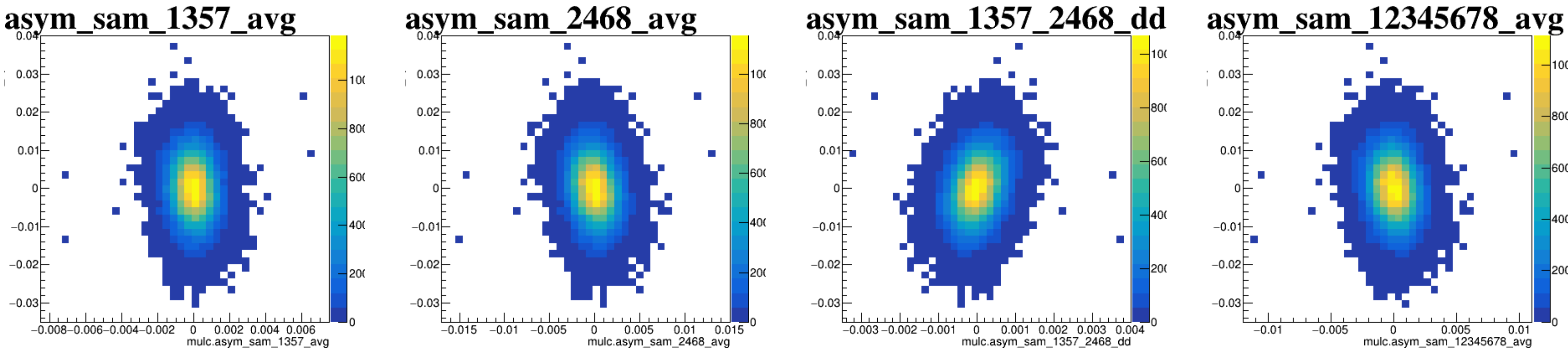
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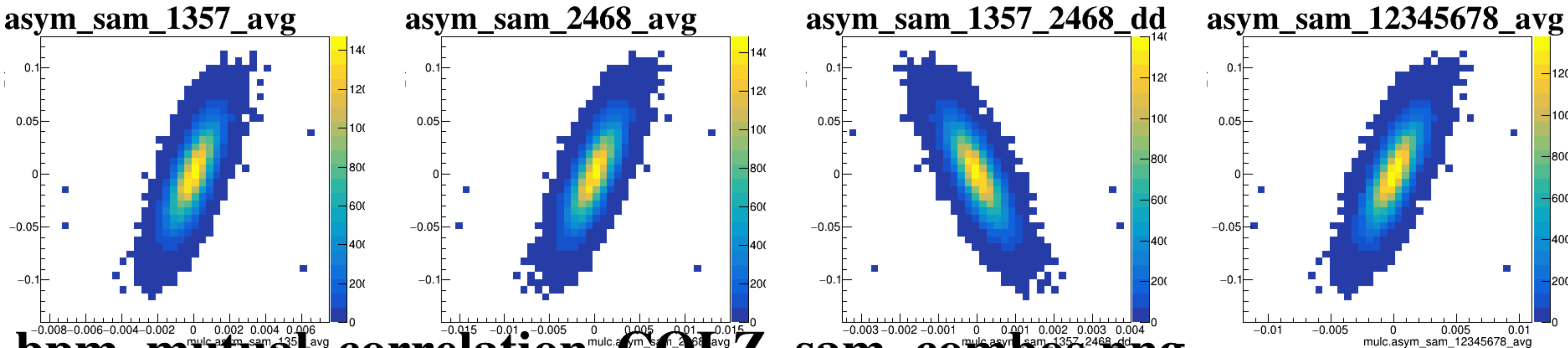
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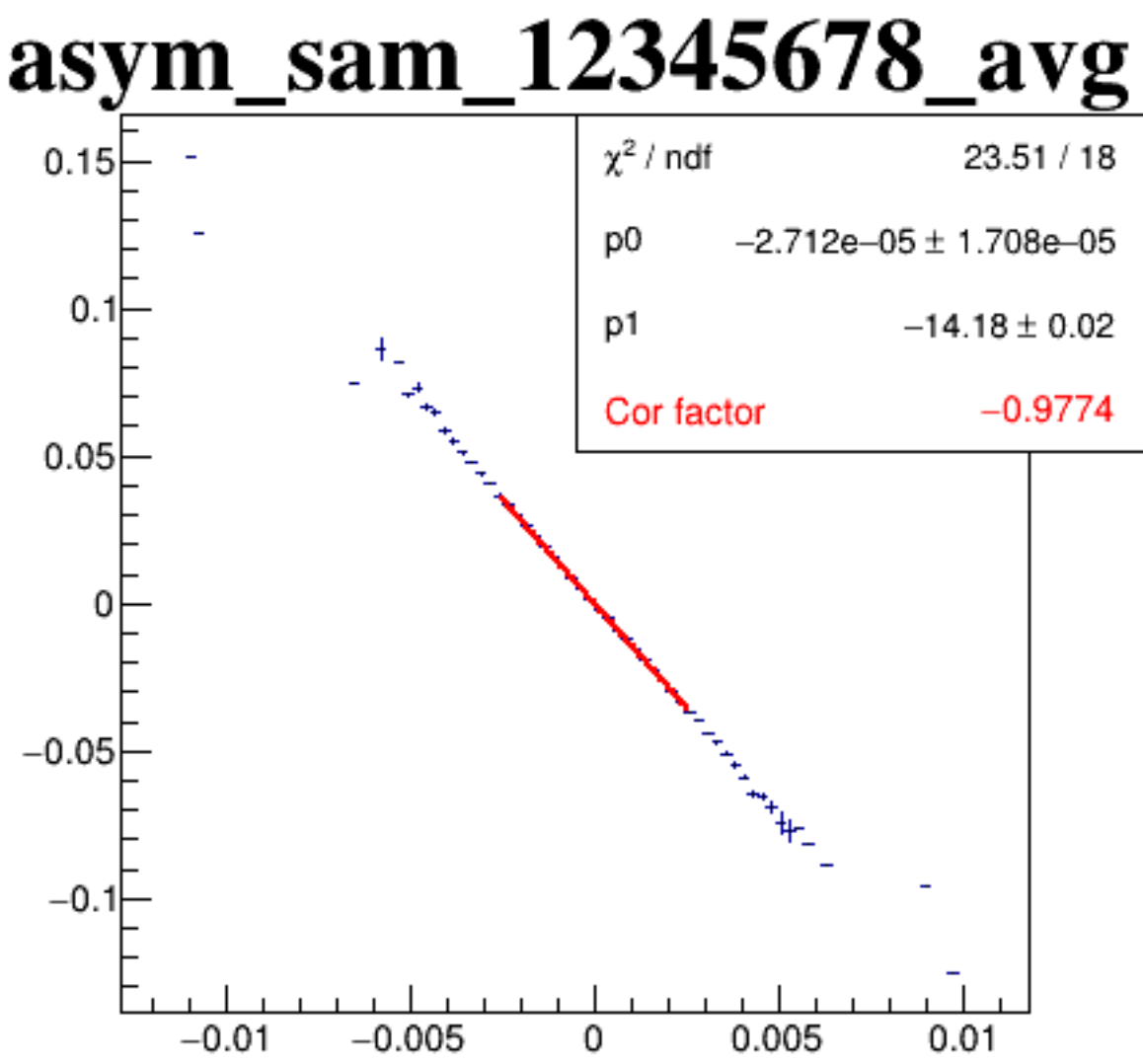
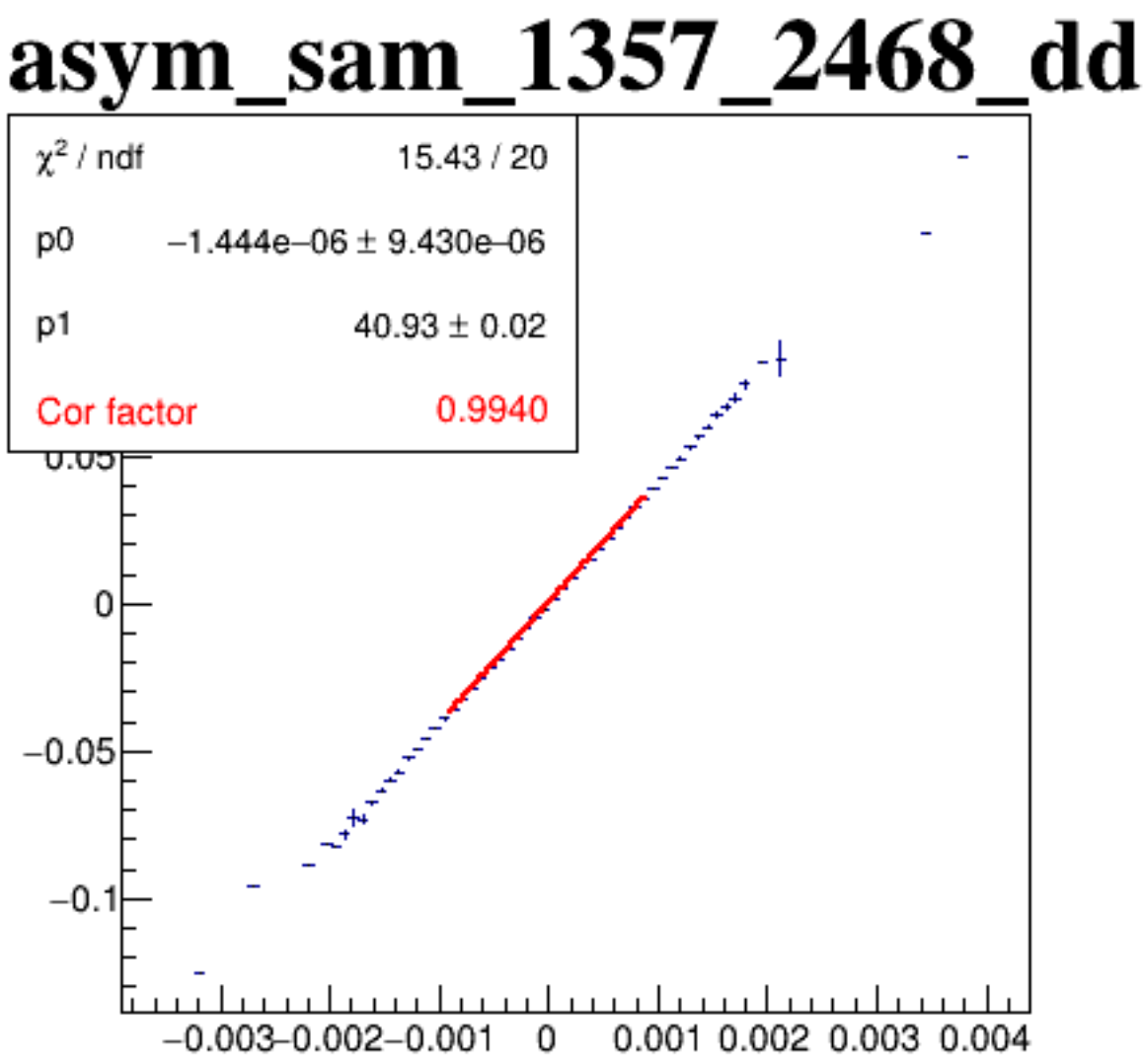
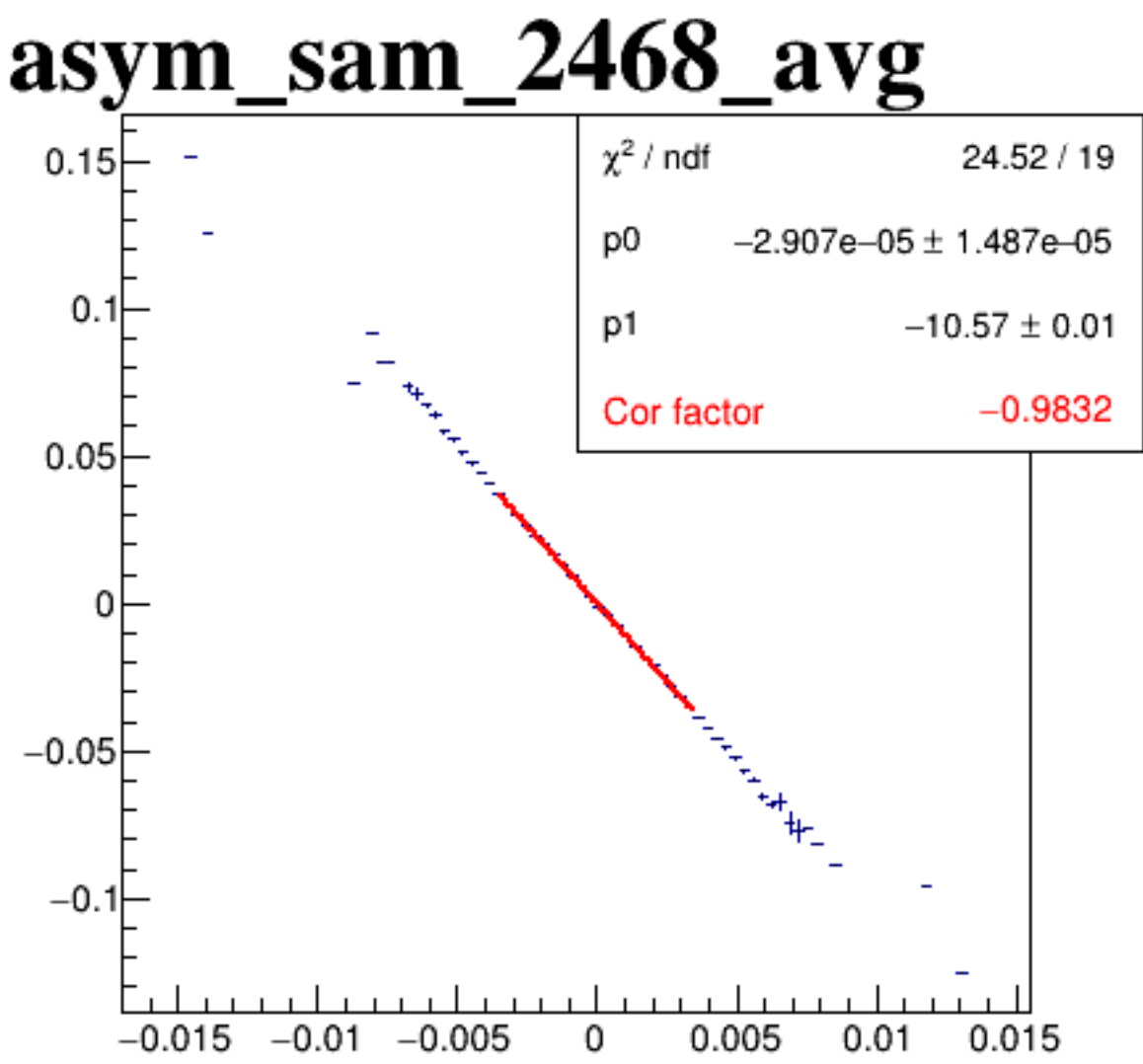
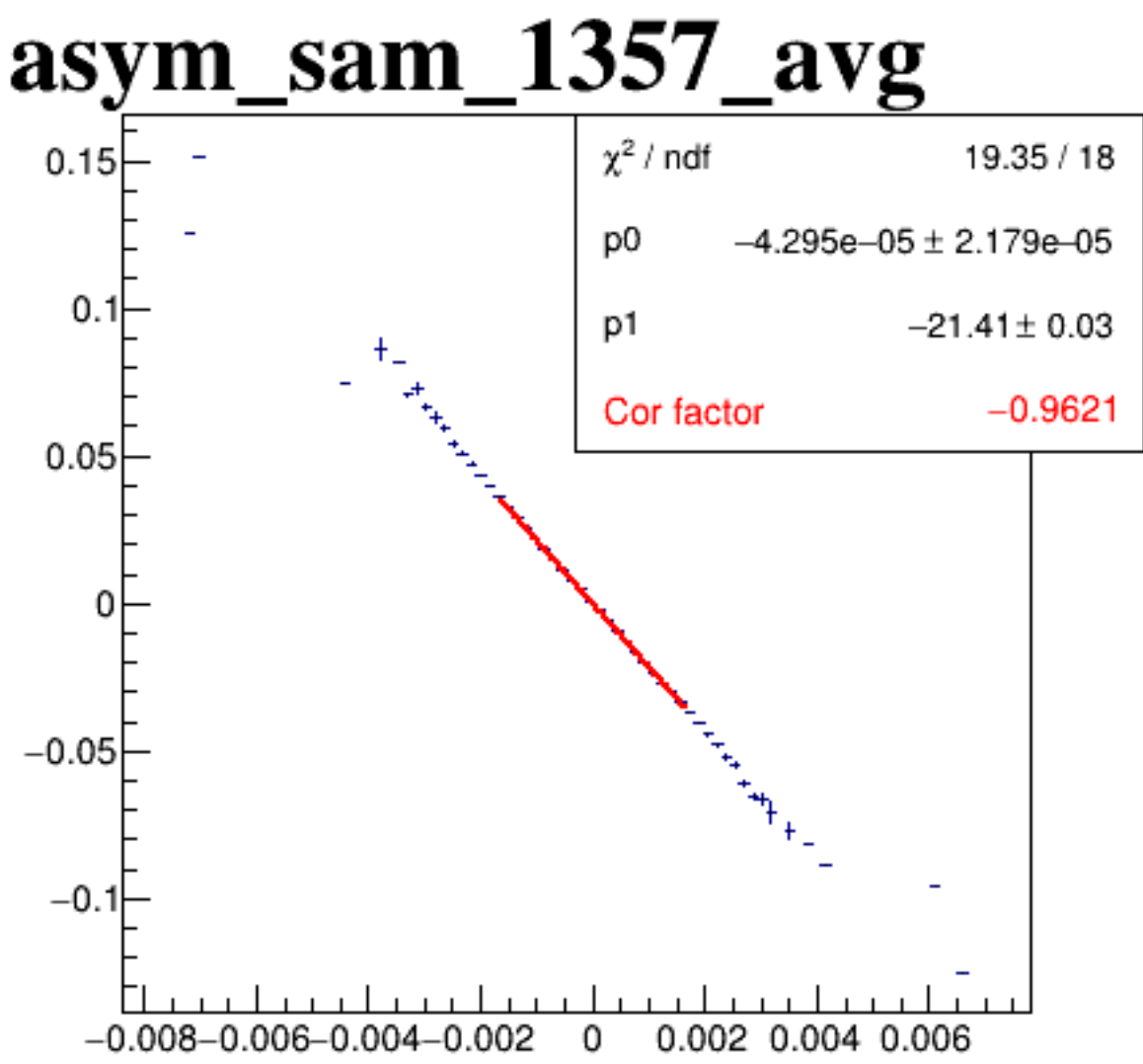
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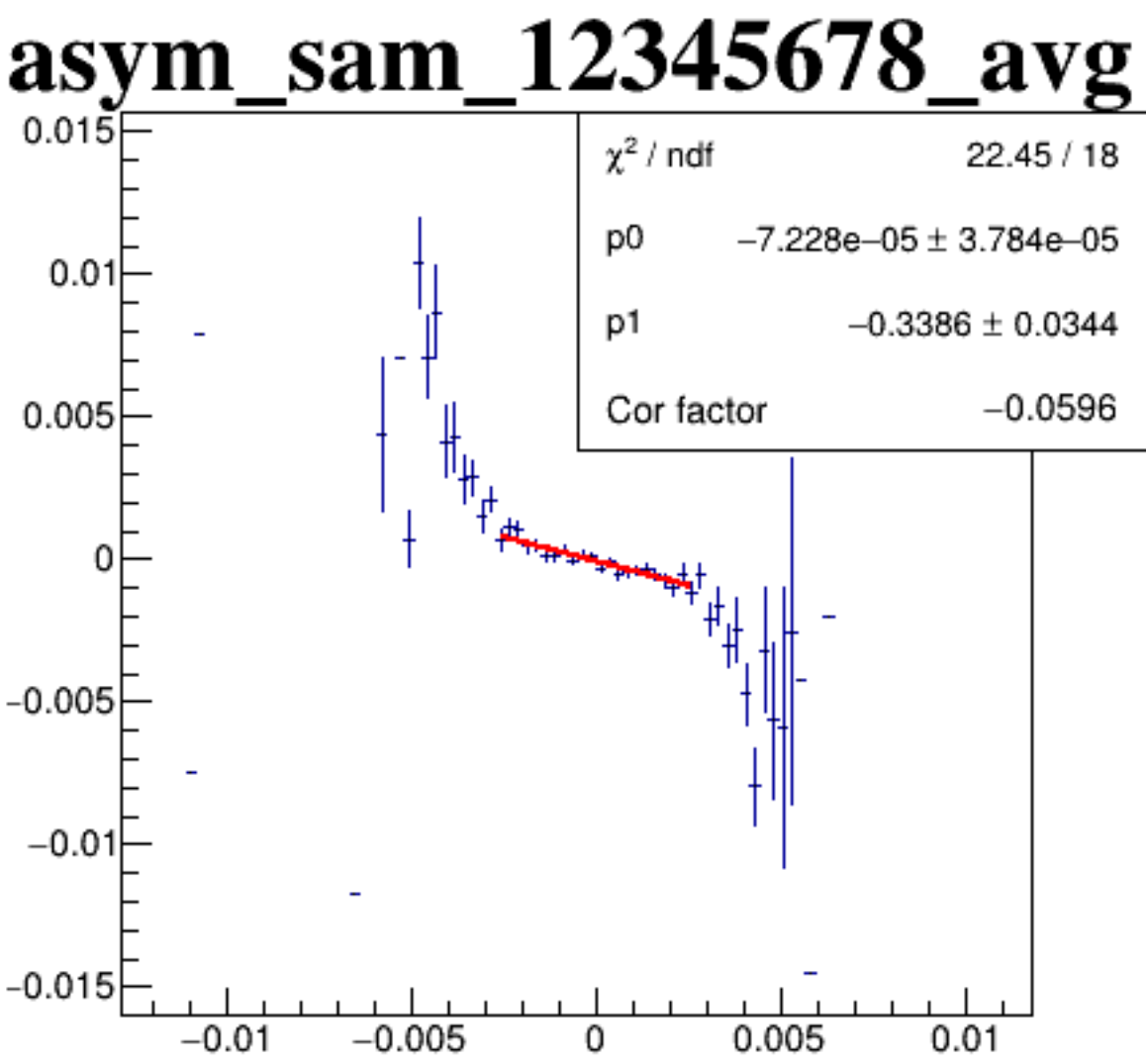
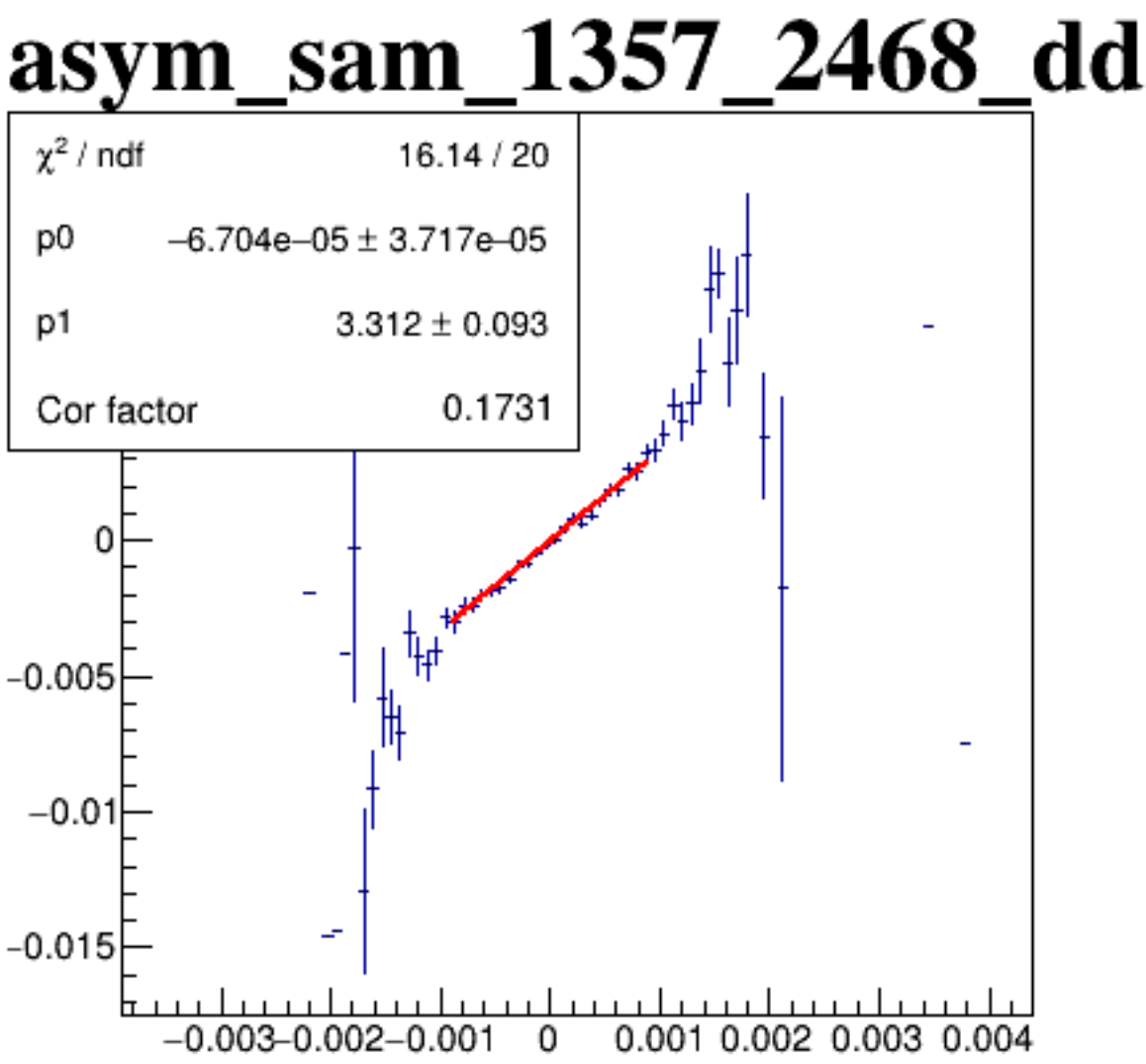
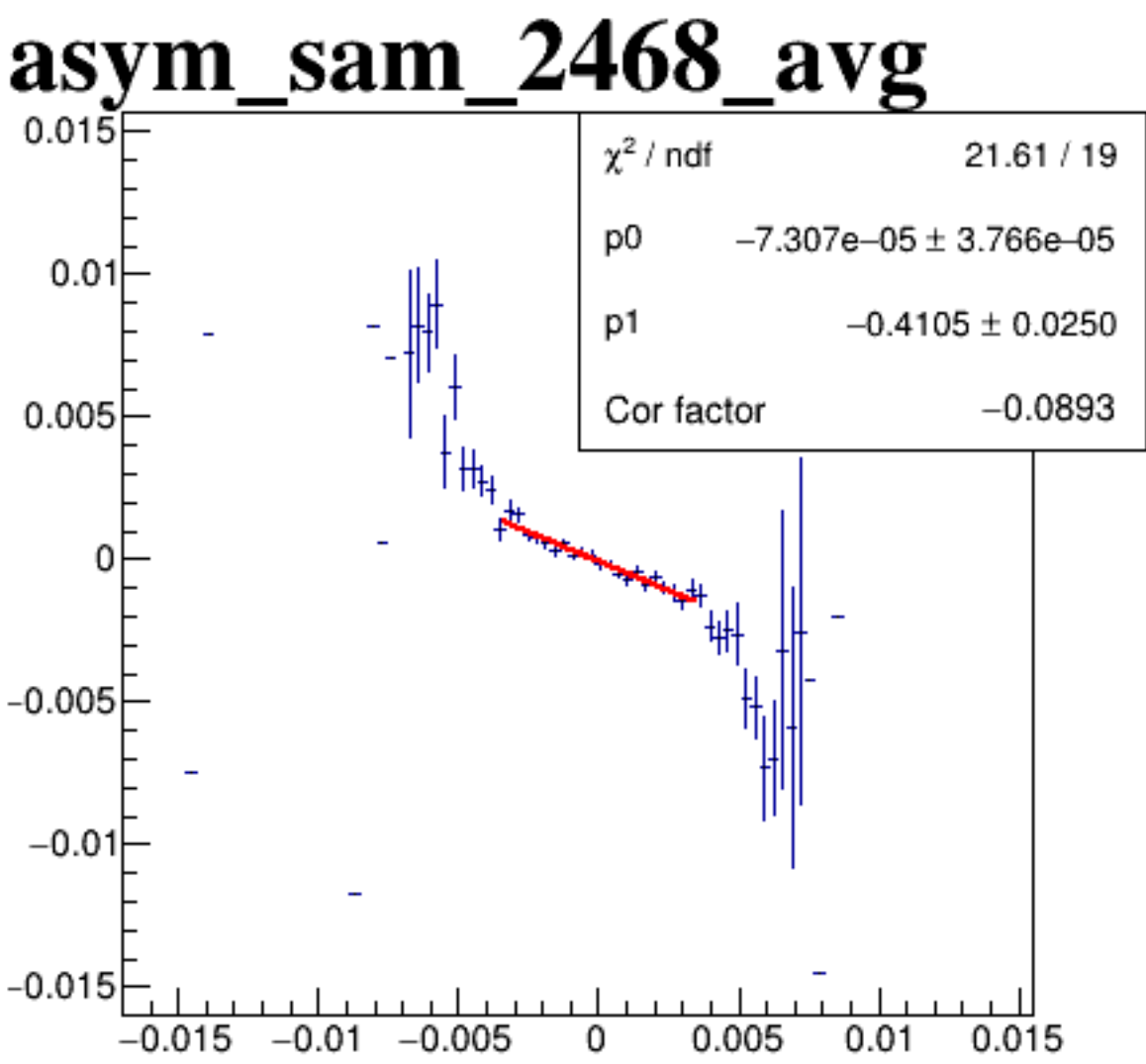
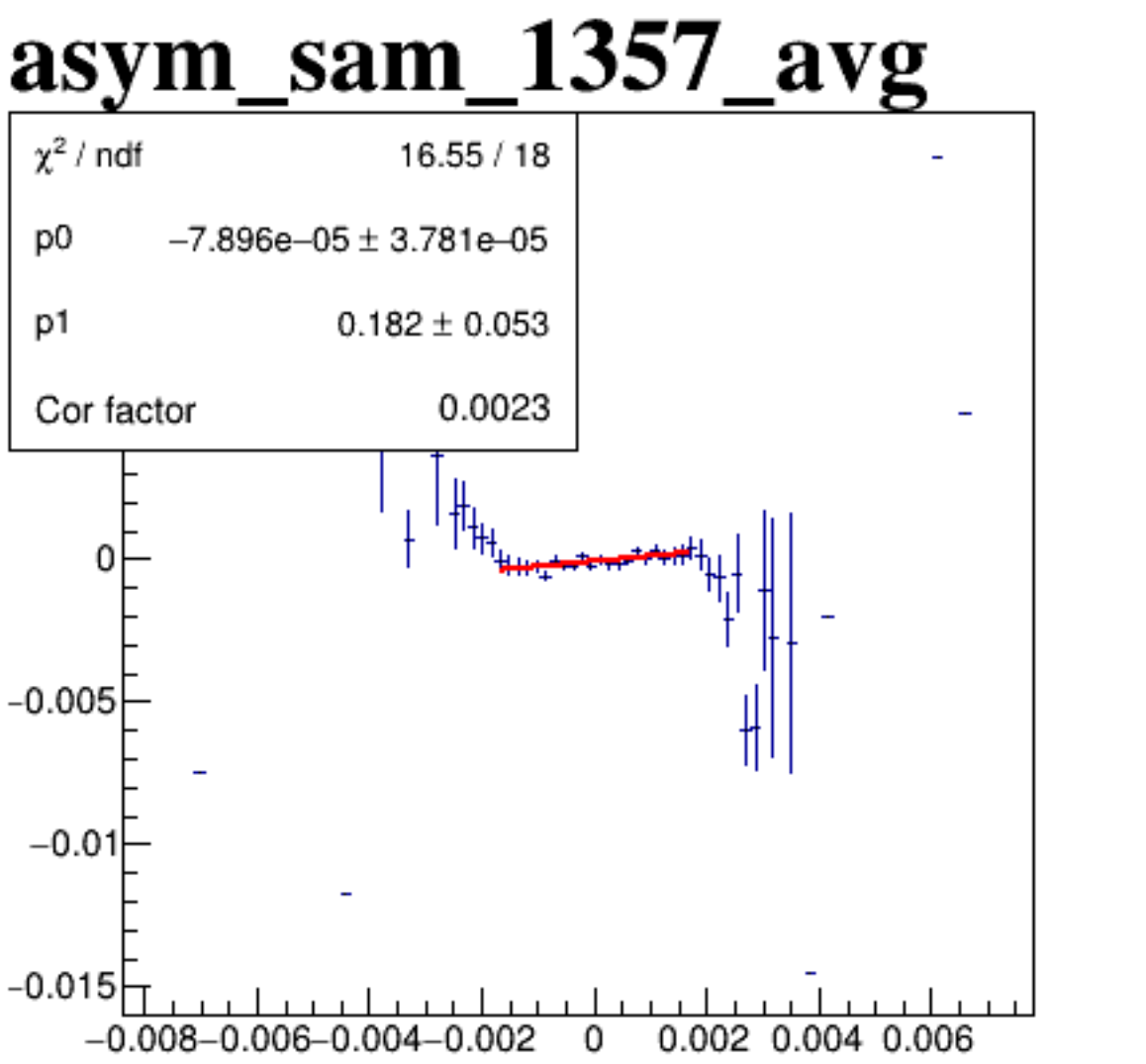
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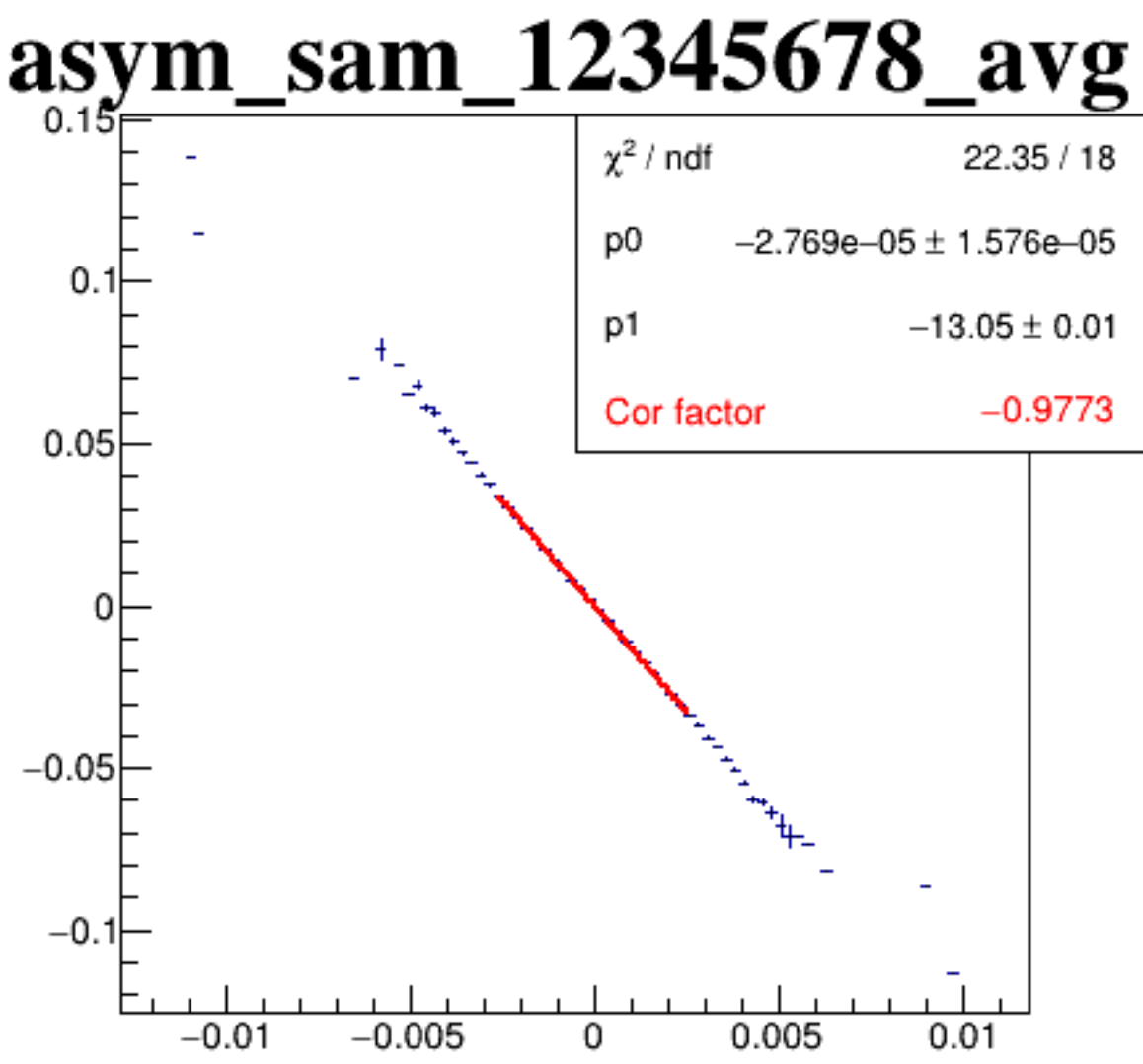
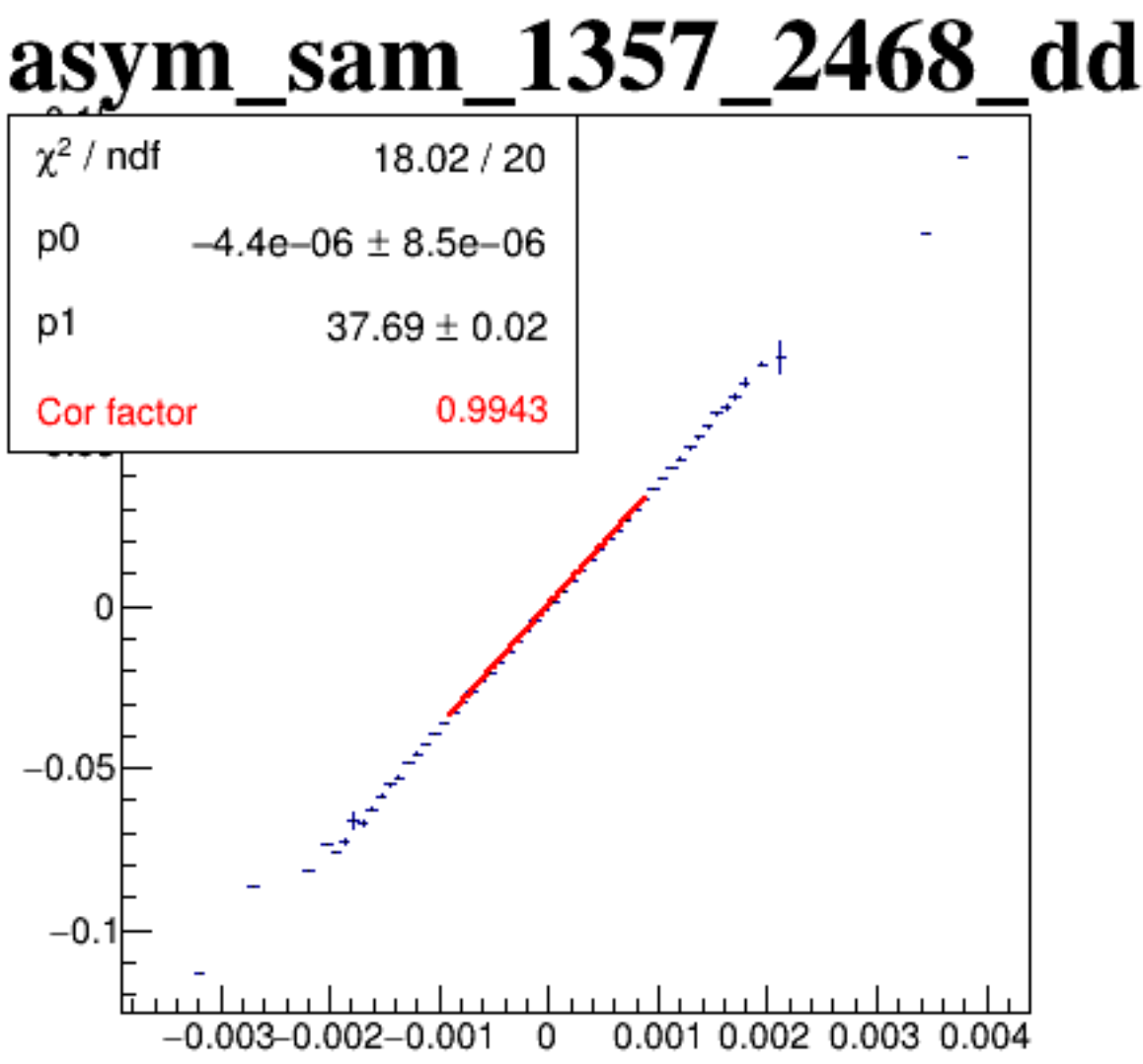
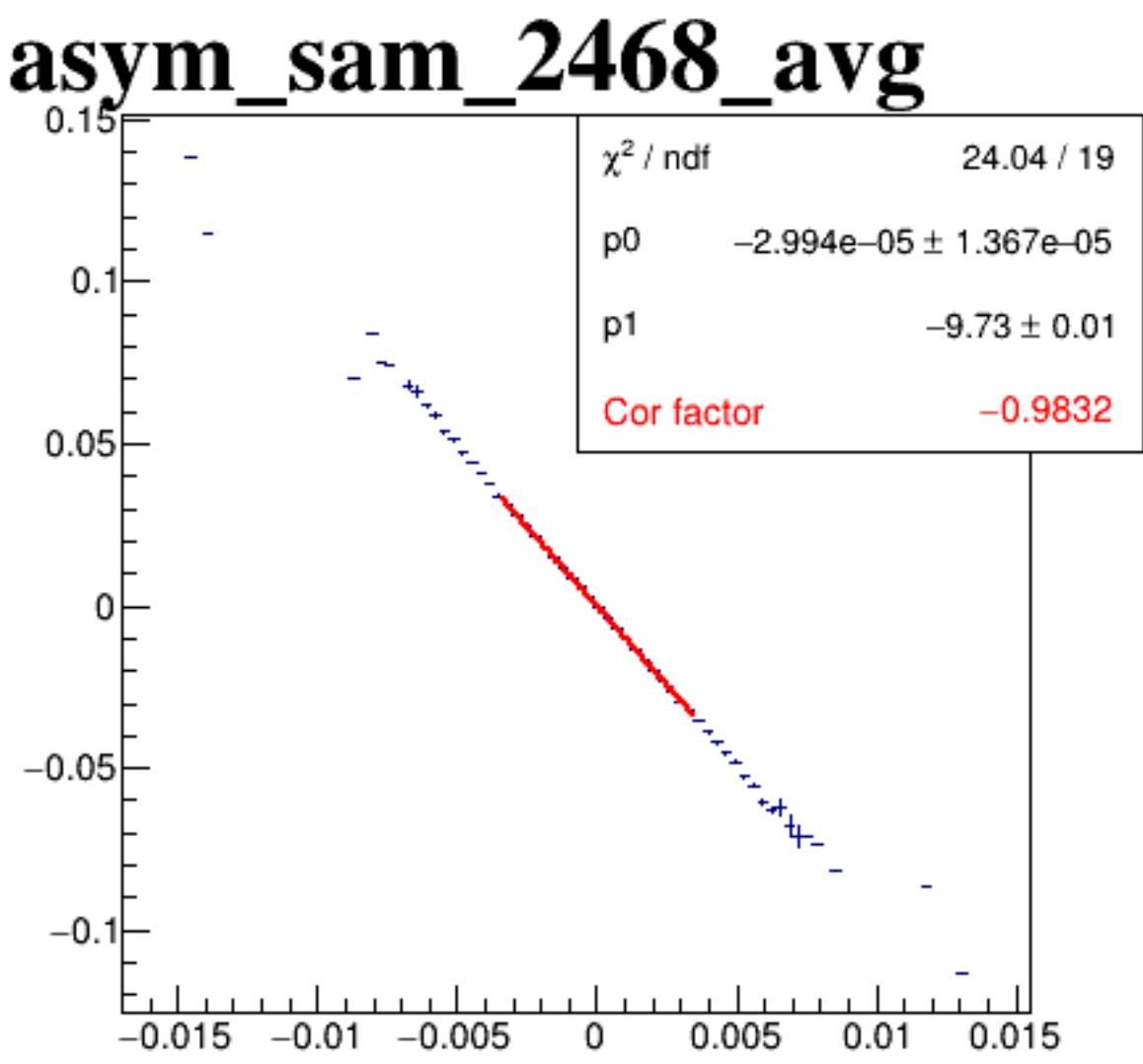
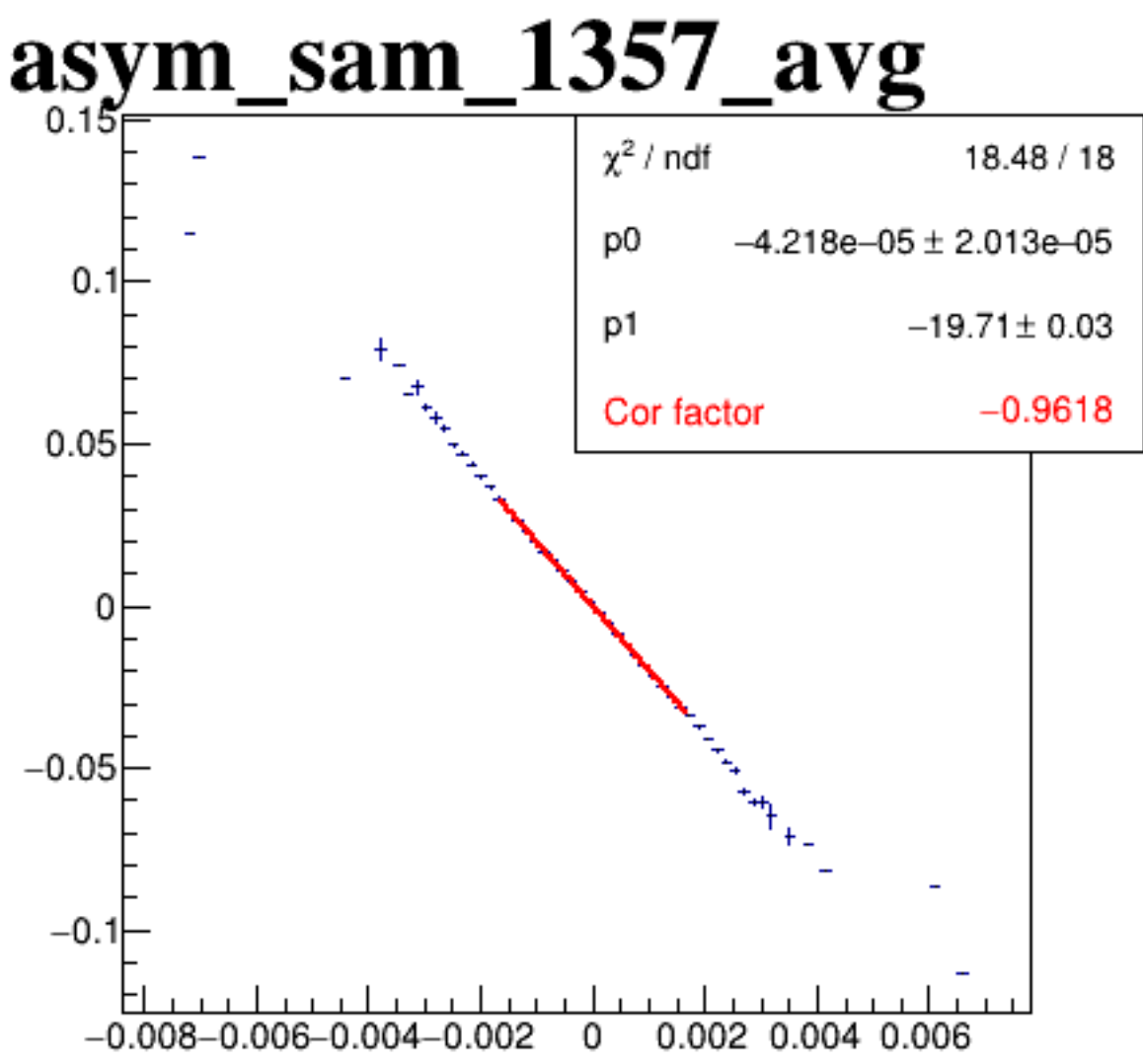
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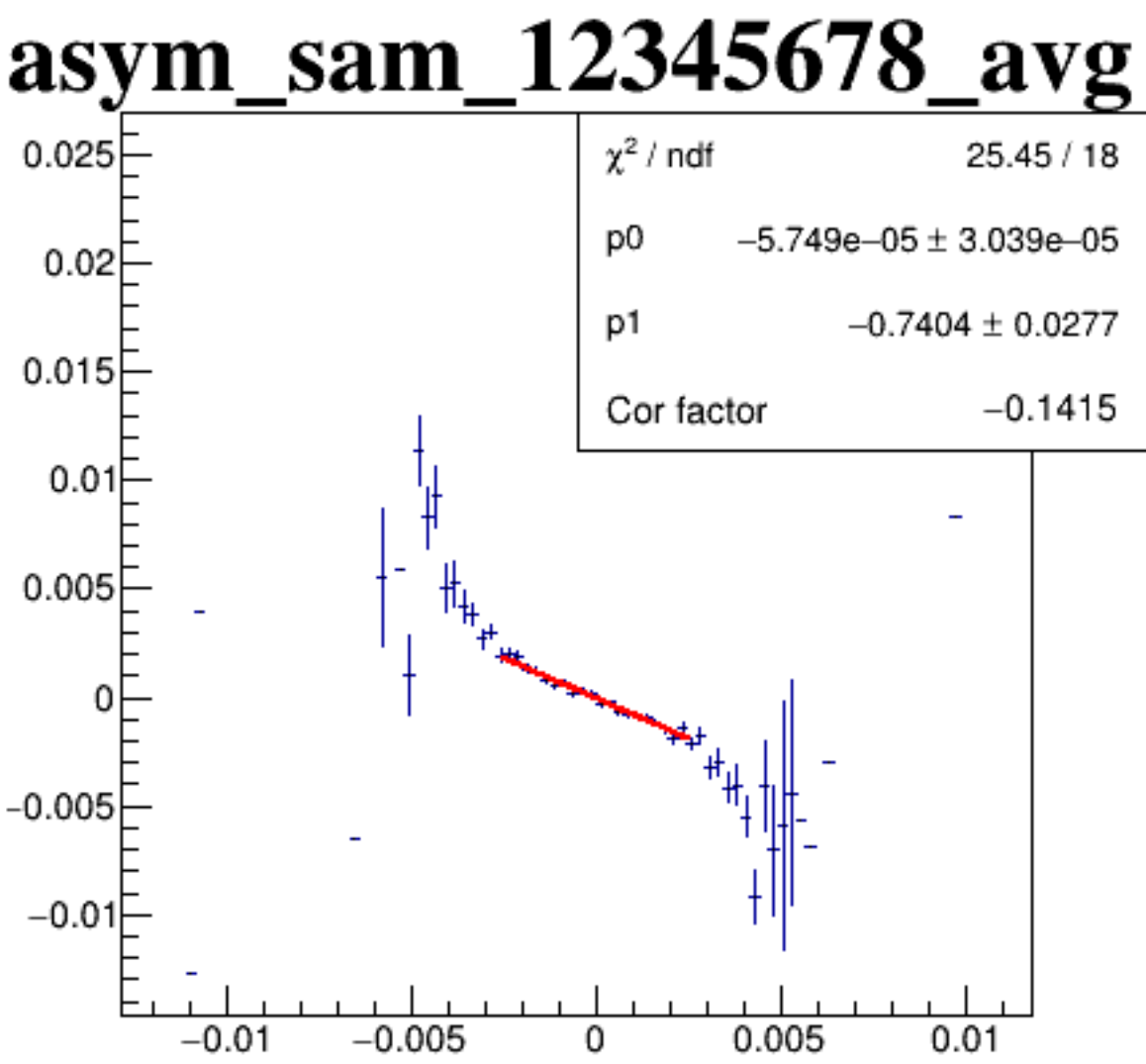
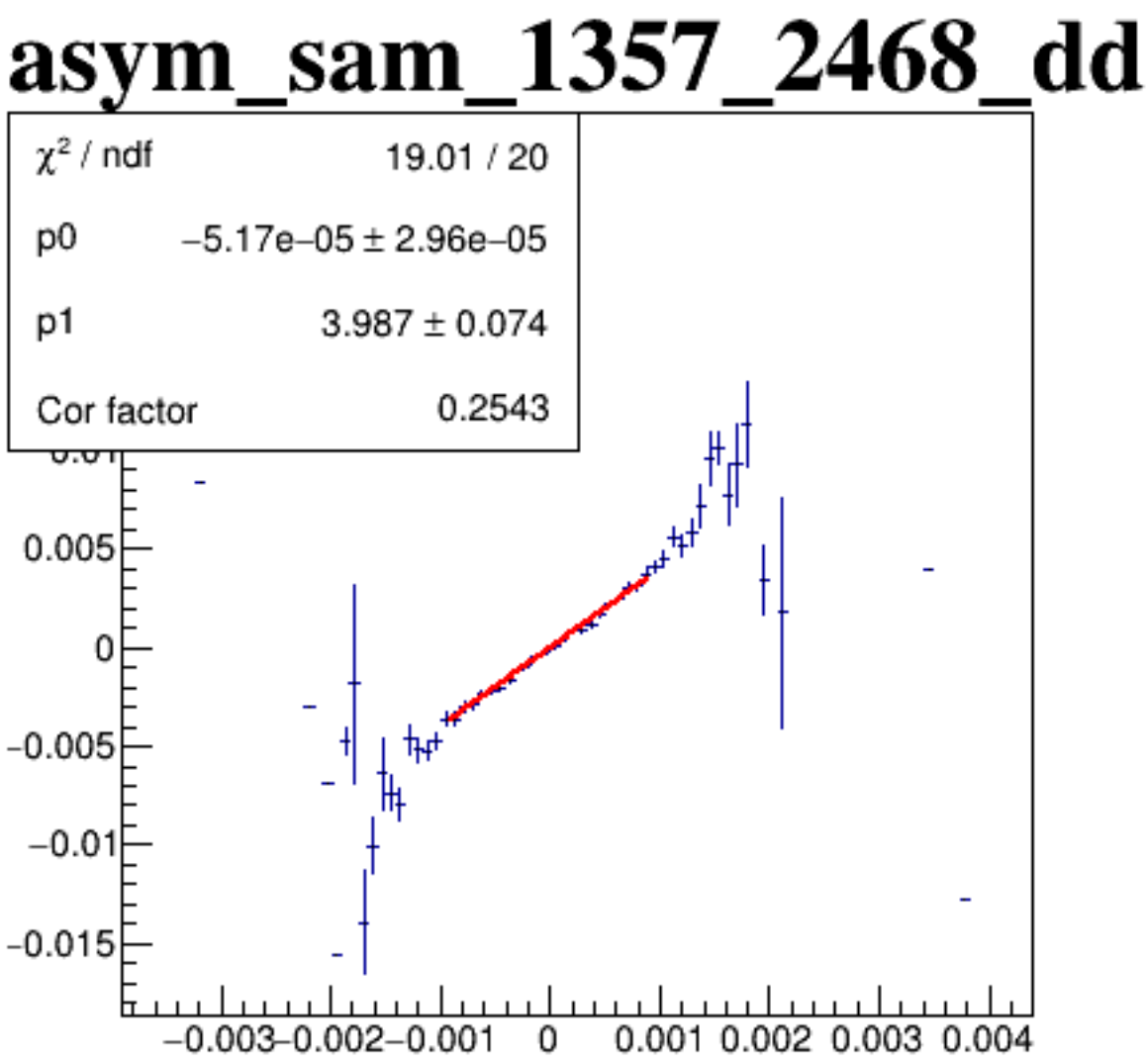
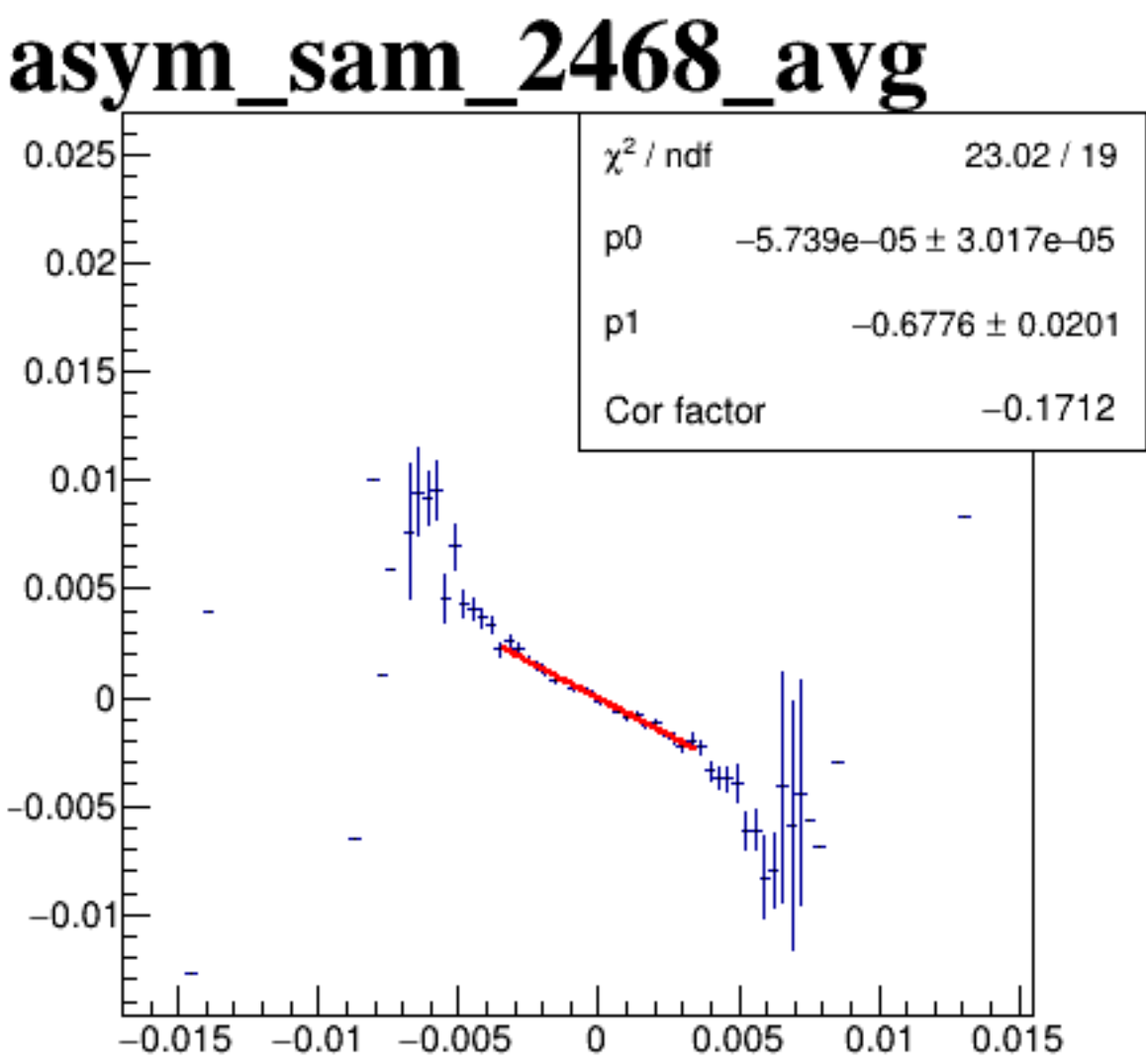
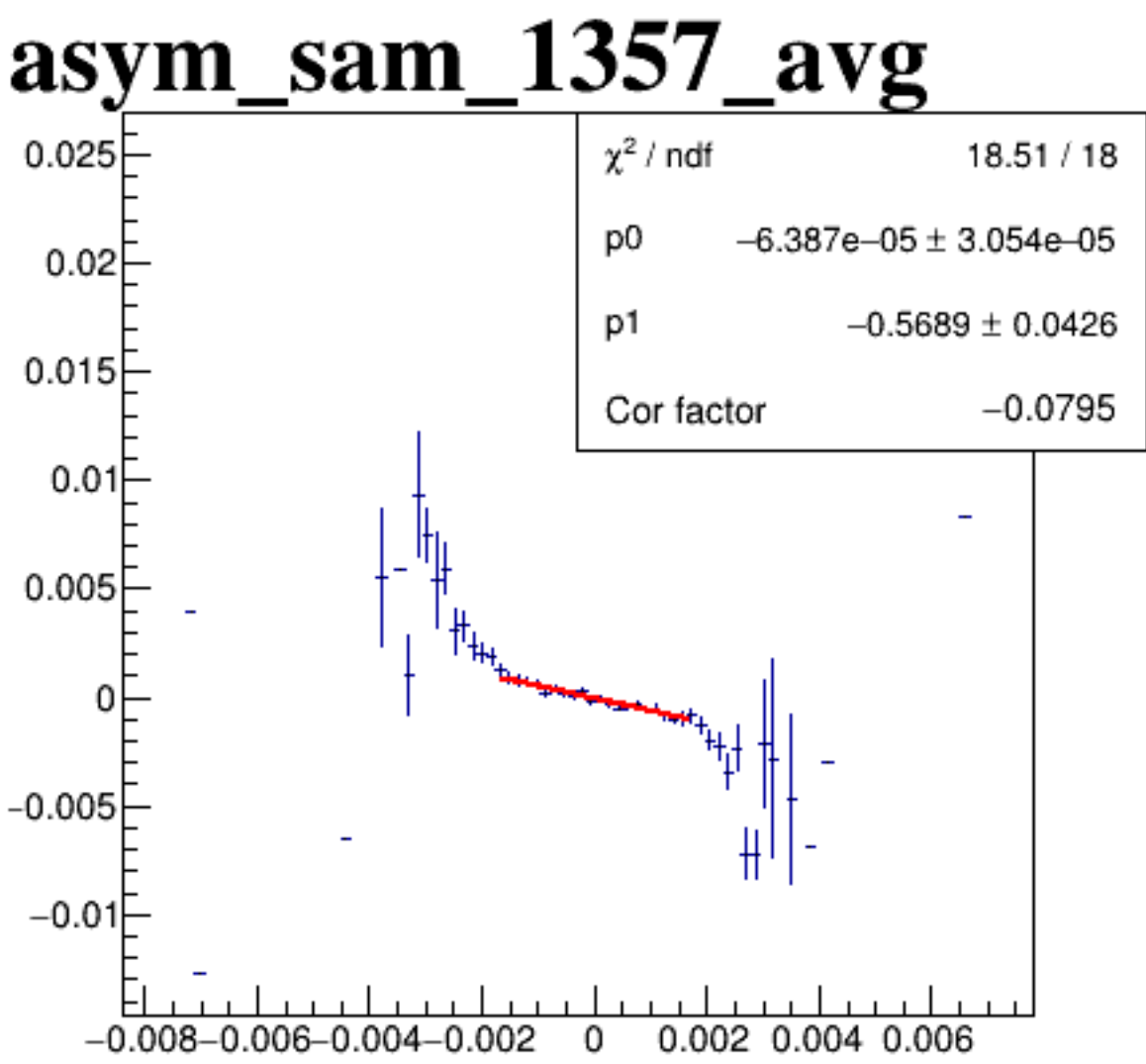
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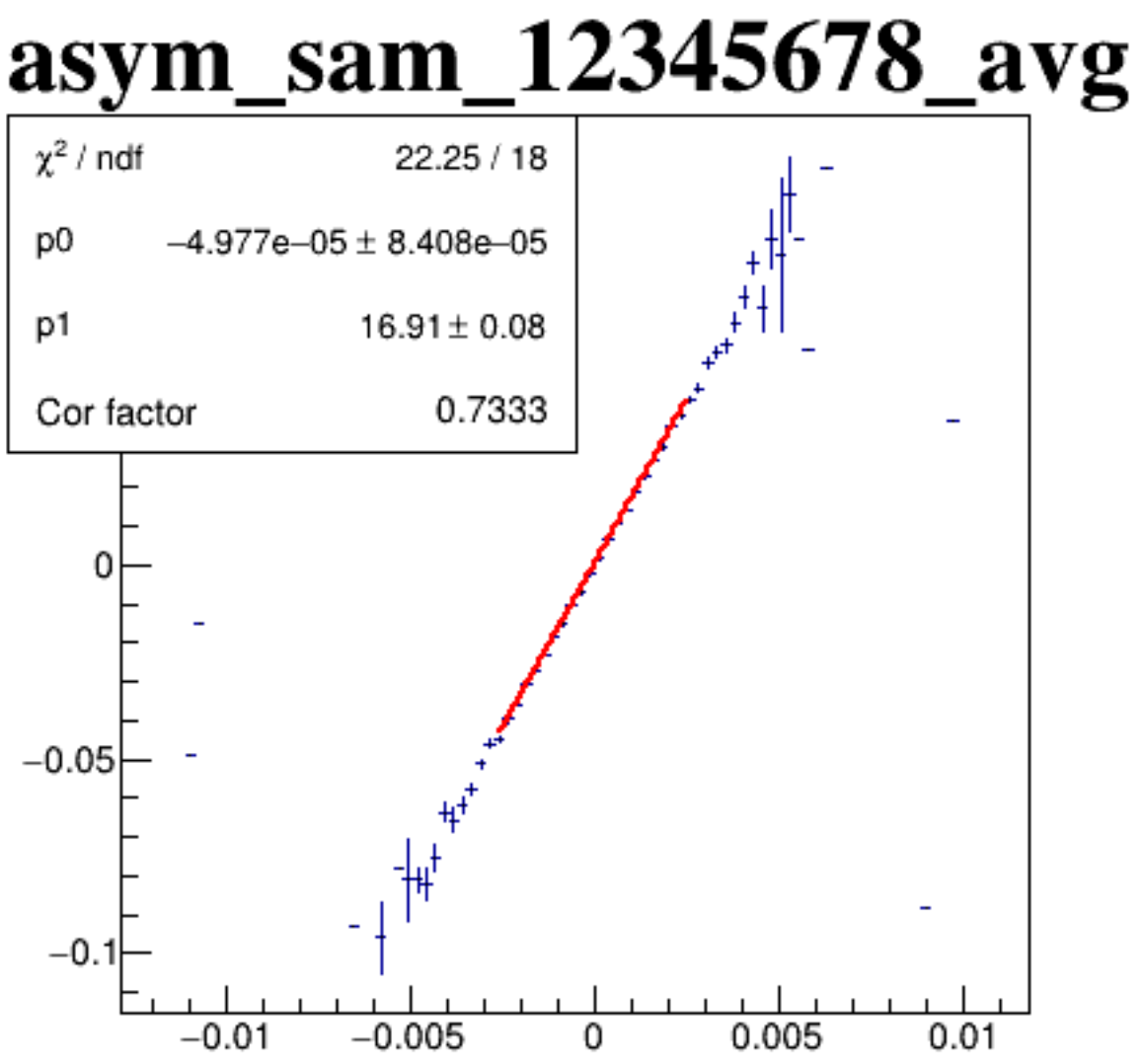
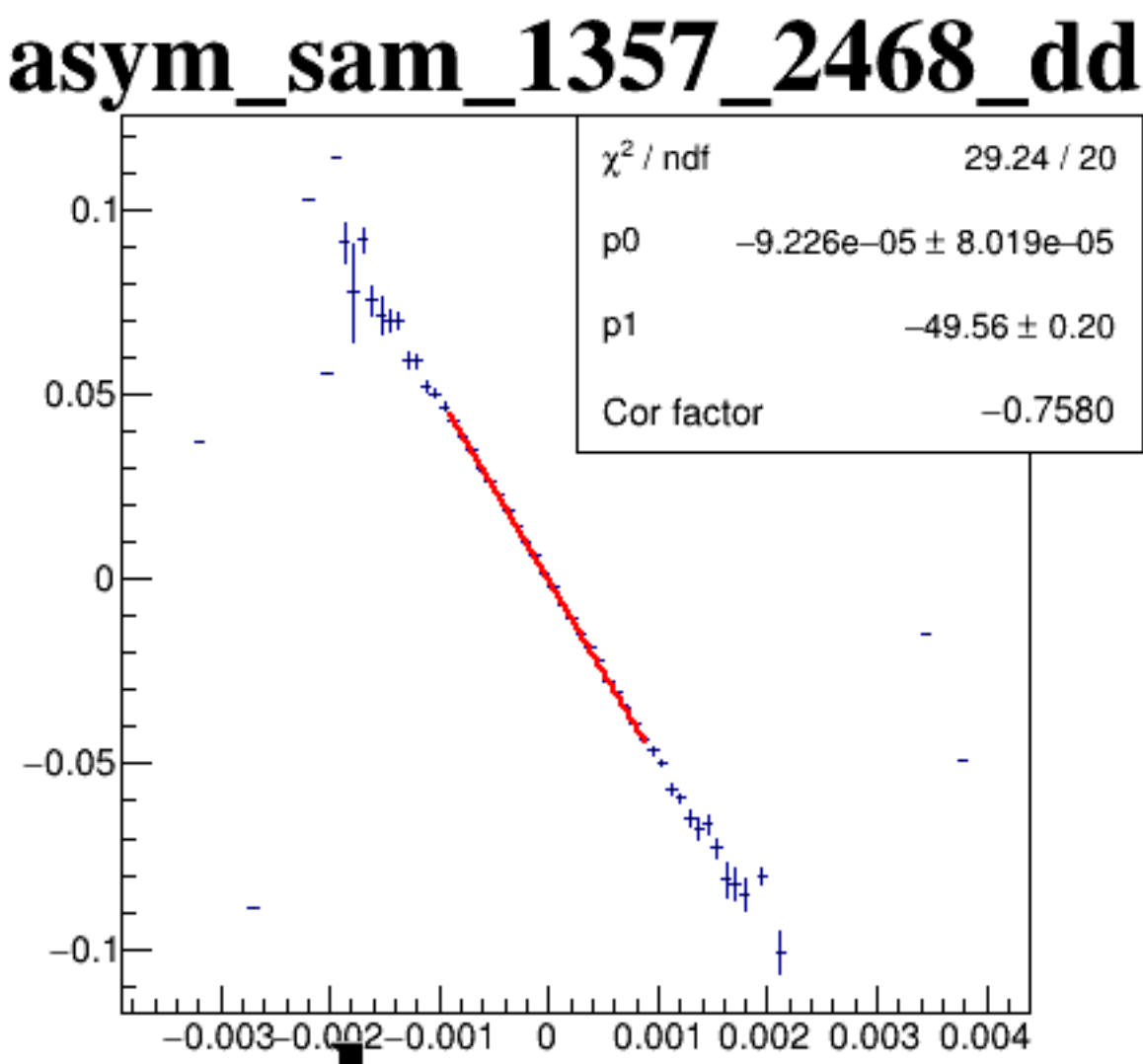
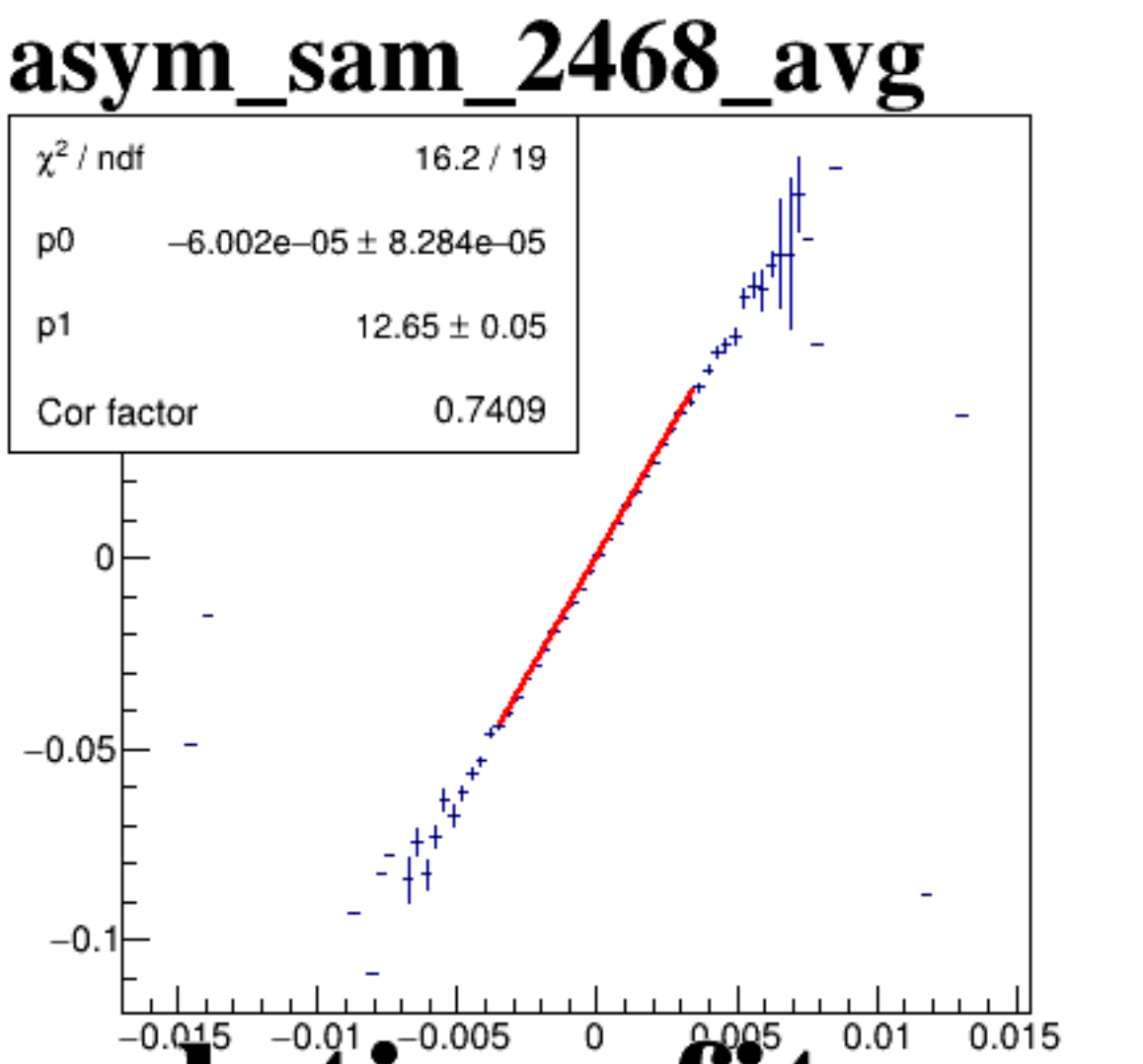
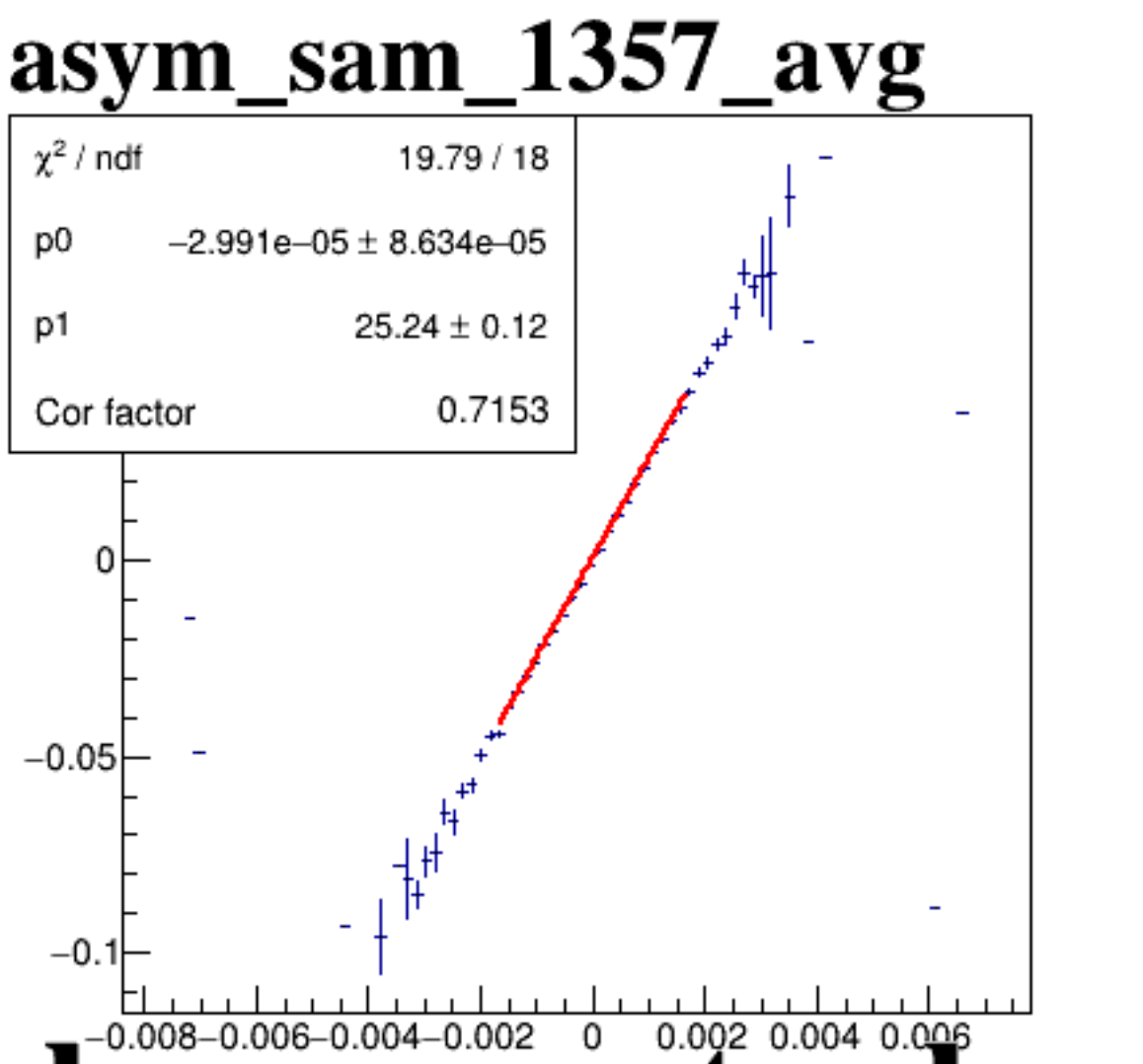
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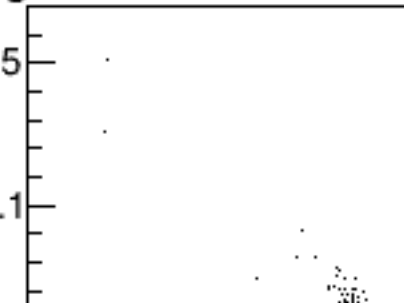


diff_bpm4eY



diff_bpm12X



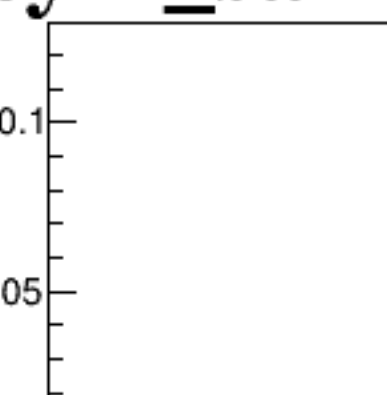


A scatter plot showing the relationship between `asy_sam_1357_avg` (y-axis) and `mulc.asy_sam_1357_avg` (x-axis). The y-axis ranges from -0.15 to 0.15, and the x-axis ranges from -0.008 to 0.006. The data points form a dense, elongated cloud centered around the origin, indicating a strong positive correlation.

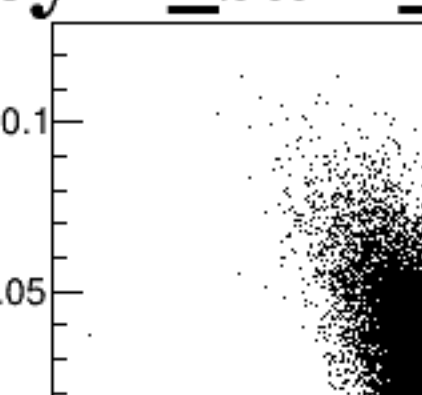


A scatter plot showing the relationship between the variable `mulc.asy_sam_1357_2468_dd` on the x-axis and `asy_sam_1357_2468_dd` on the y-axis. The data points are tightly clustered along a diagonal line, indicating a strong positive linear correlation. The x-axis ranges from -0.003 to 0.004, and the y-axis ranges from -0.15 to 0.15.

A scatter plot showing the relationship between `asym_sam_2468_avg` (y-axis) and `mulc.asym_sam_2468_avg` (x-axis). The y-axis ranges from -0.1 to 0.15, and the x-axis ranges from -0.015 to 0.015. The data points form a dense, elongated cluster along a diagonal line, indicating a strong positive correlation between the two variables.



A scatter plot showing the relationship between **bpm_mml** (y-axis) and **asym_sam_1357_avg** (x-axis). The y-axis ranges from -0.1 to 0.1, and the x-axis ranges from -0.008 to 0.006. The data points form a dense, elongated elliptical cloud centered around (0, 0), indicating a positive correlation between the two variables.



A scatter plot showing the relationship between $m_{\text{comb_sam_1357_2468_dd}}$ (x-axis) and $asy_m_sam_1357_2468_dd$ (y-axis). The x-axis ranges from -0.003 to 0.004, and the y-axis ranges from -0.1 to 0.1. The data points form a dense, elongated elliptical cloud centered around (0, 0), indicating a strong positive correlation between the two variables.

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 -0.01 to 0.01, and the y-axis ranges from -0.1 to 0.1. The data points form a dense, elongated elliptical cloud centered around (0, 0), indicating a strong positive correlation.