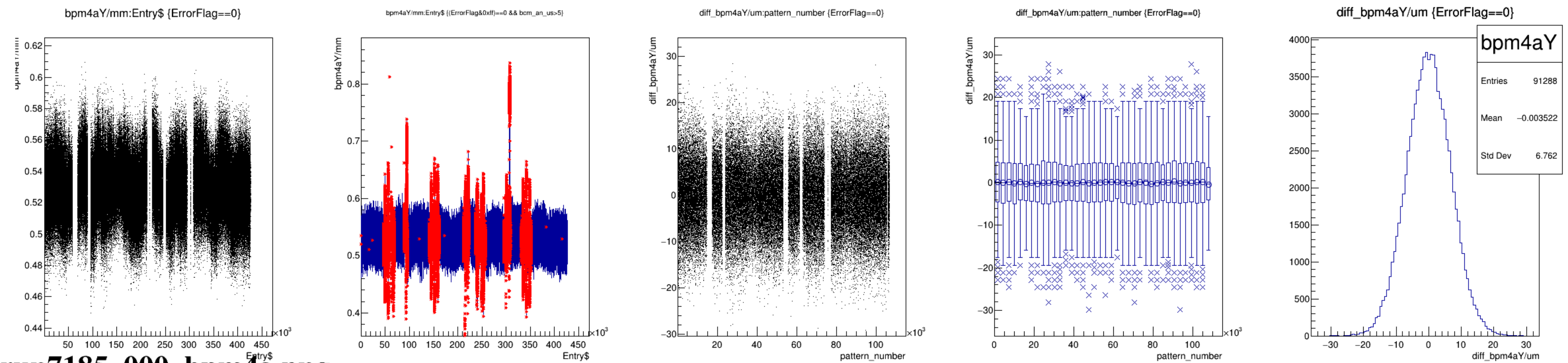
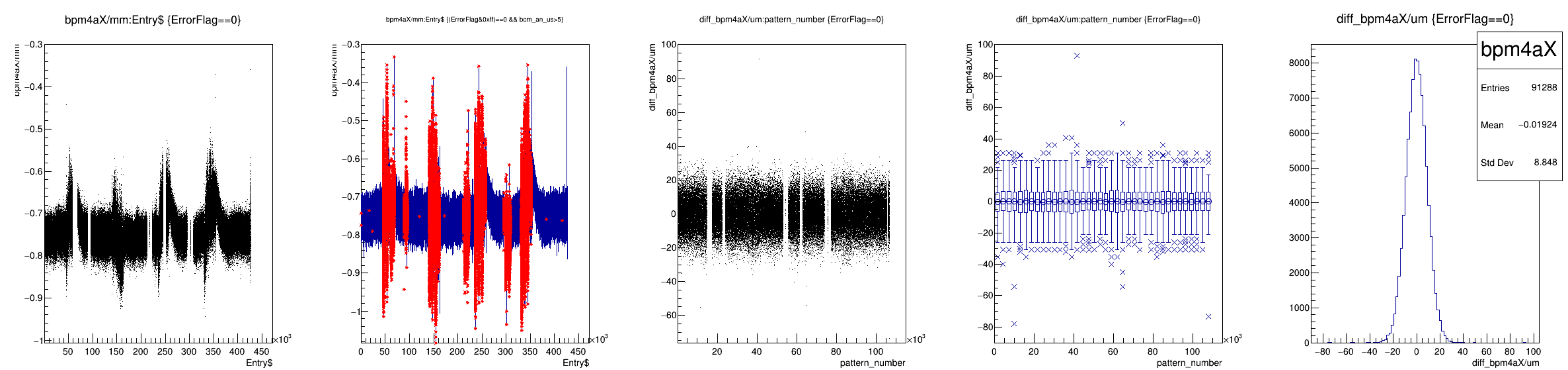
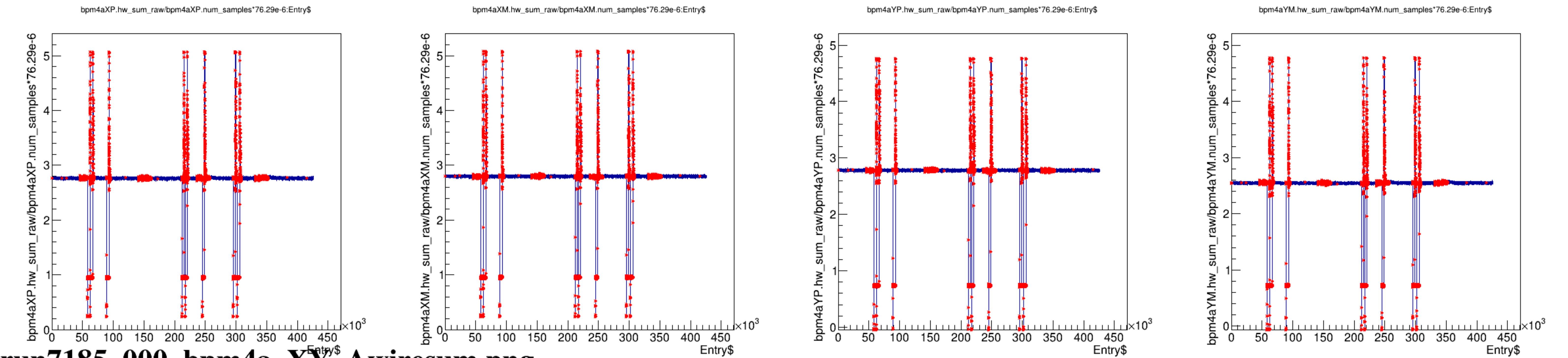
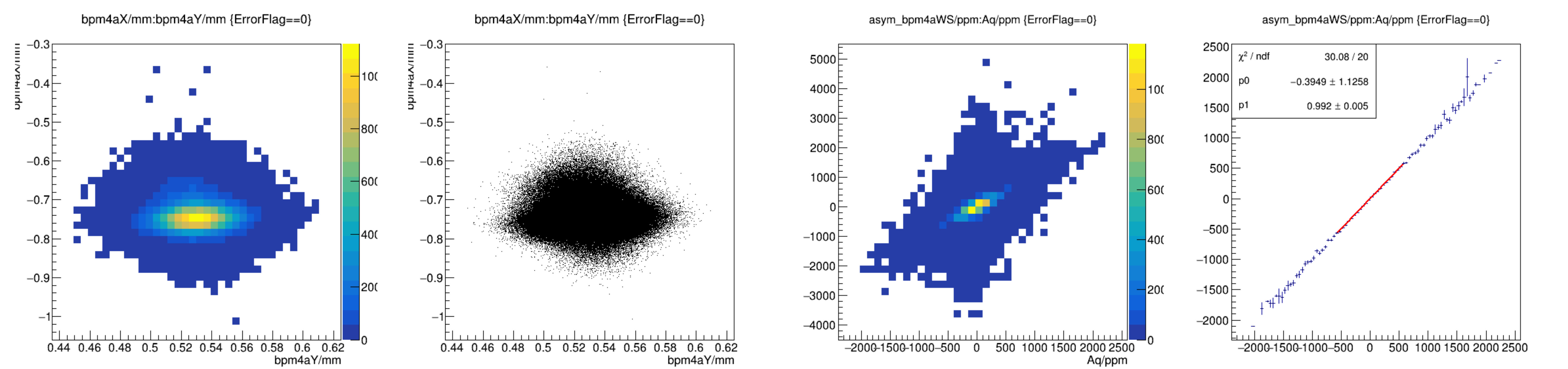
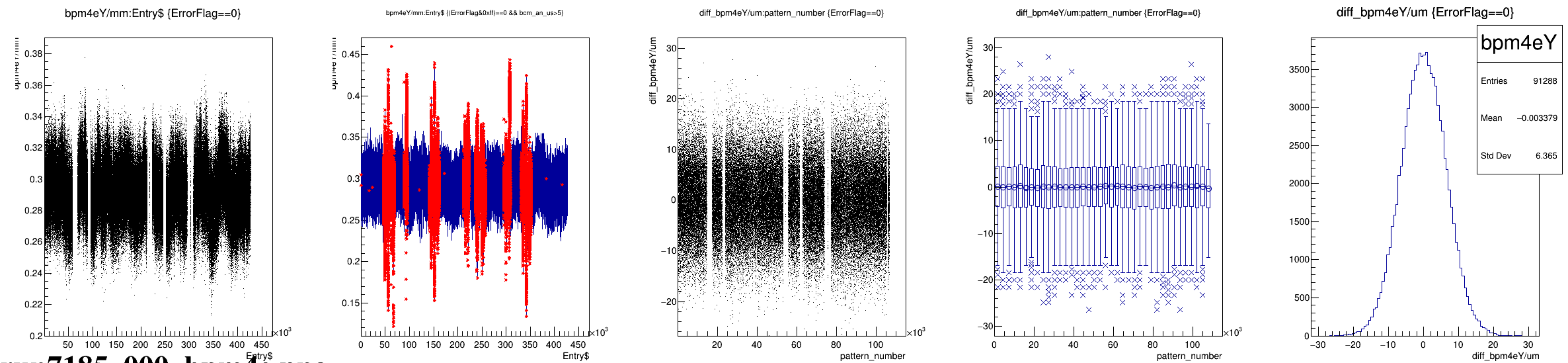
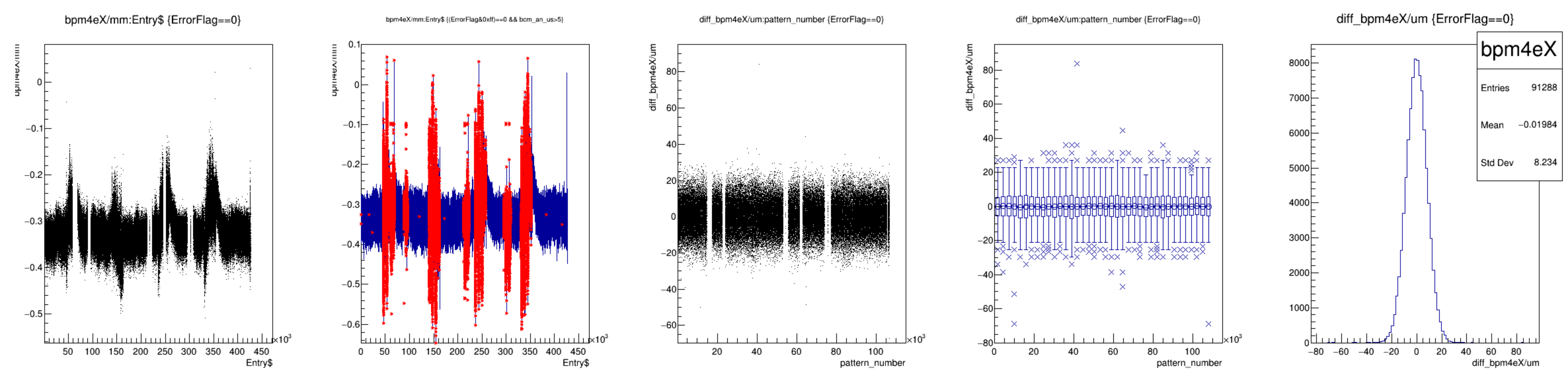
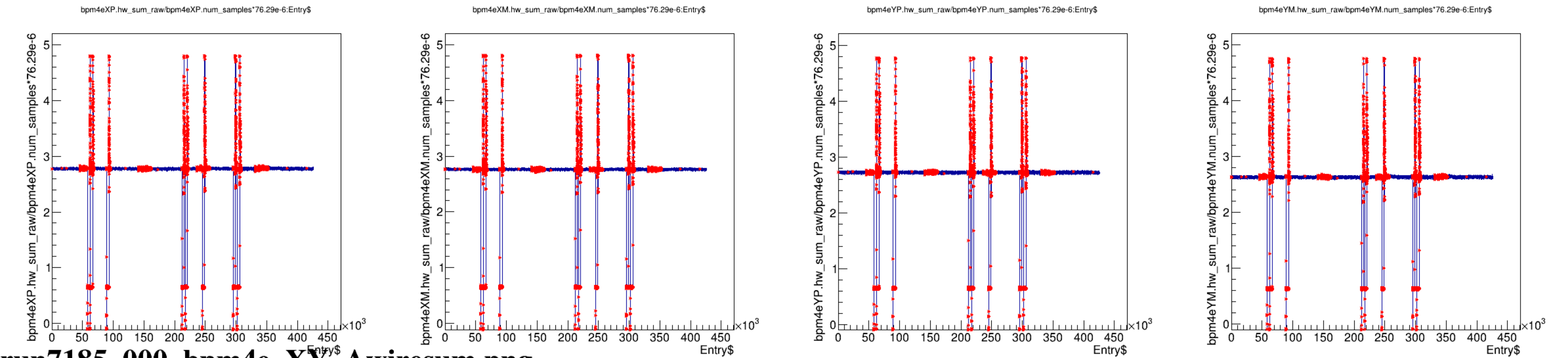
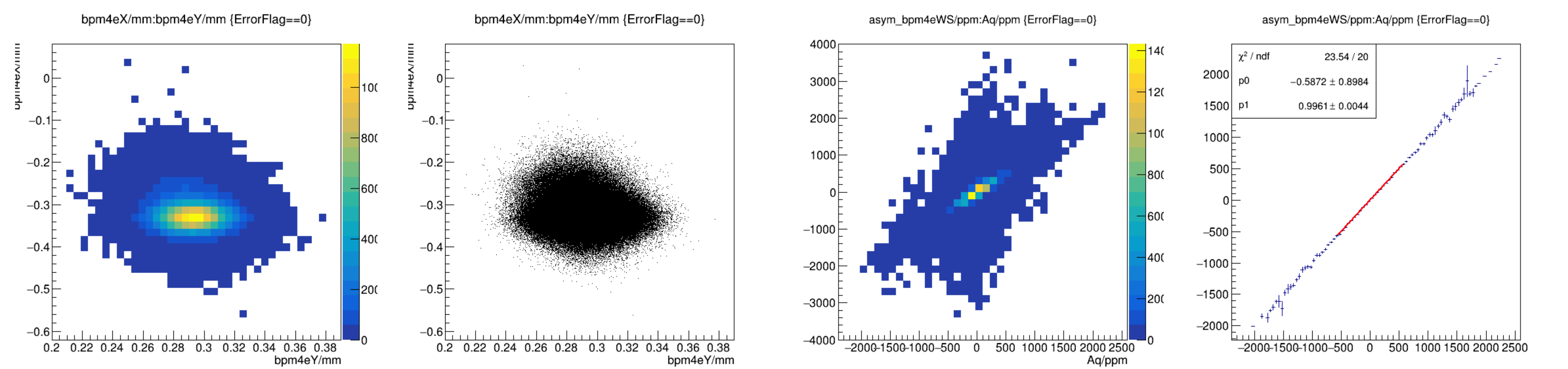




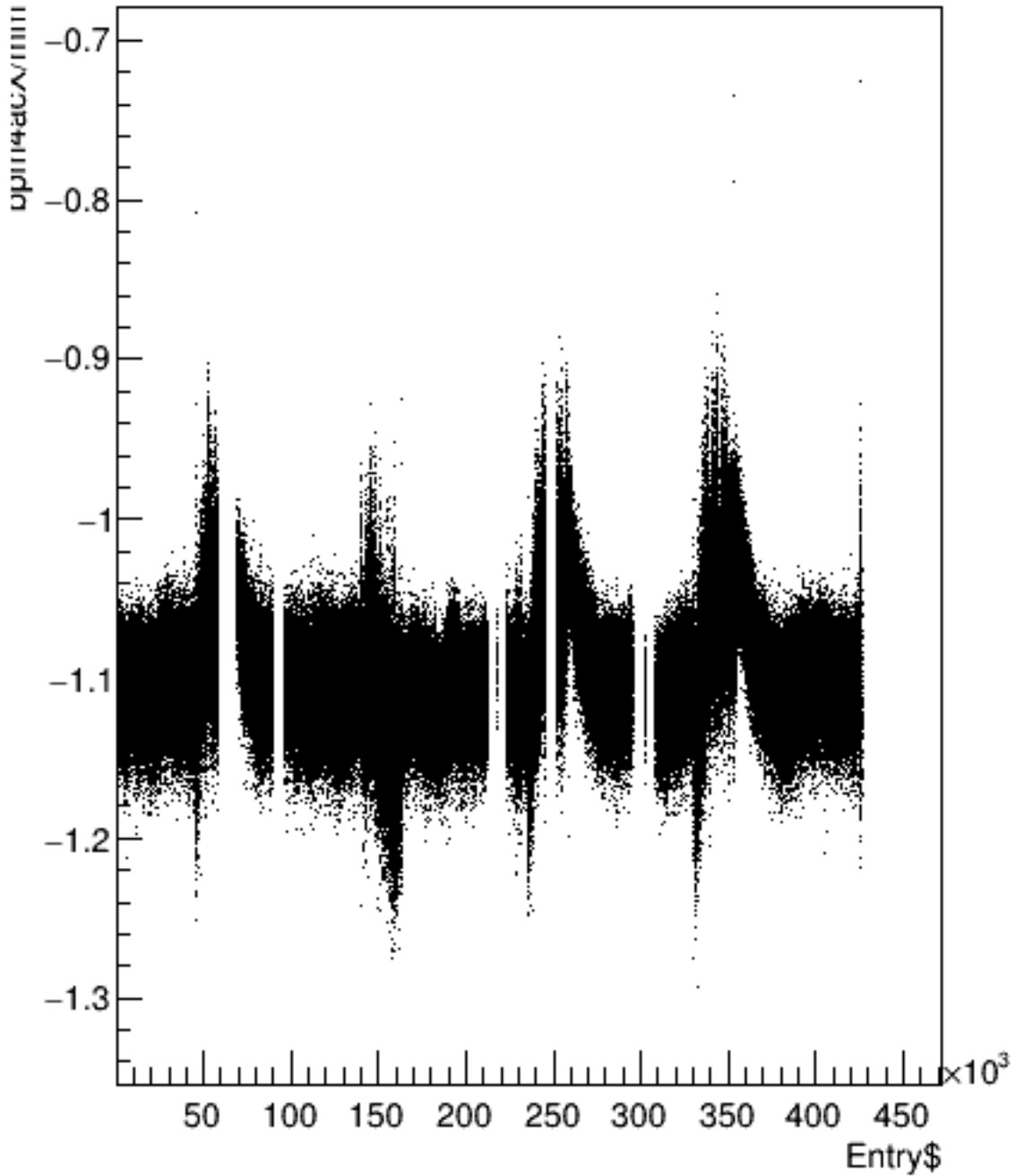




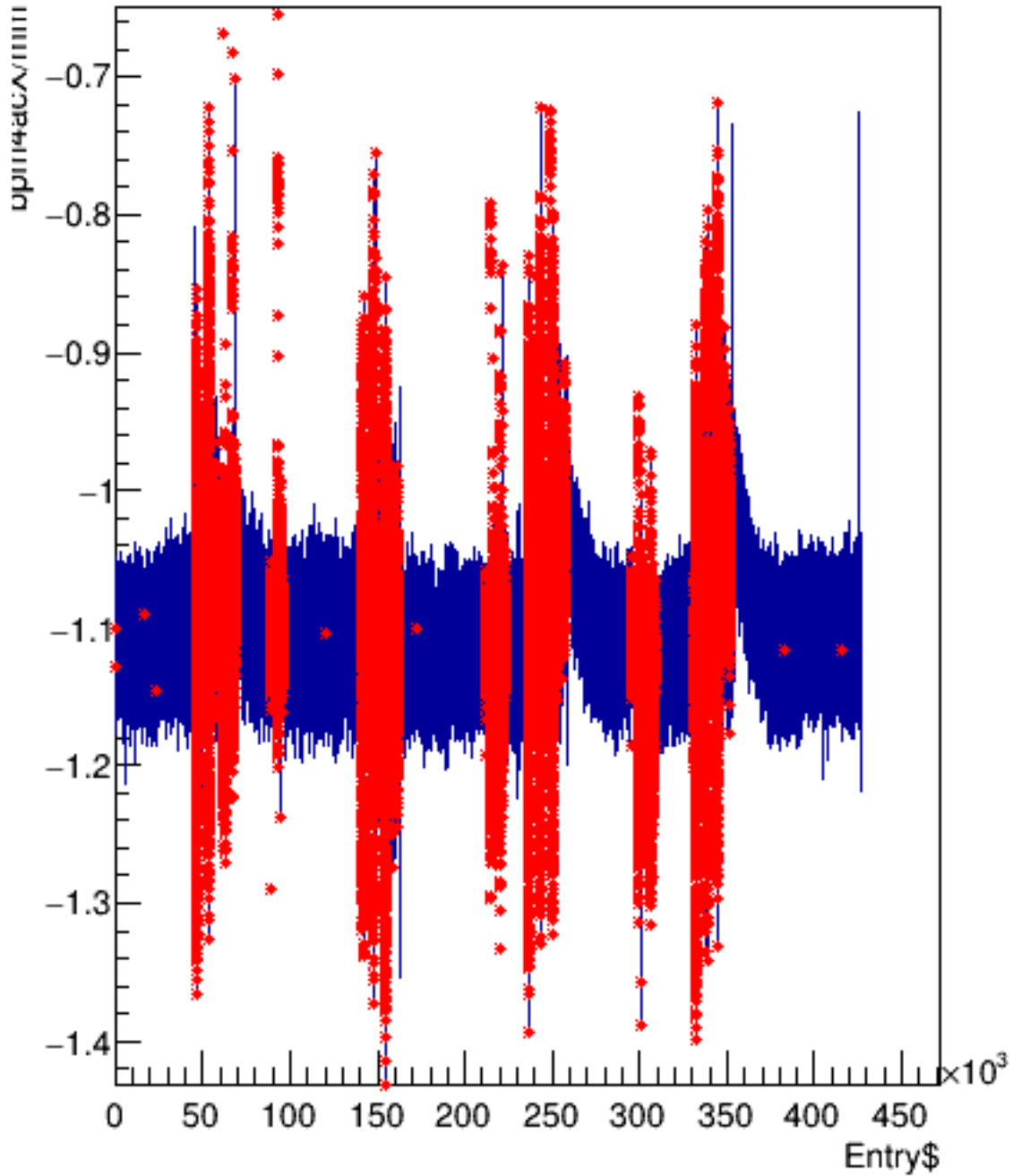


run7185_000_bpm4e_XY_Awiresum.png

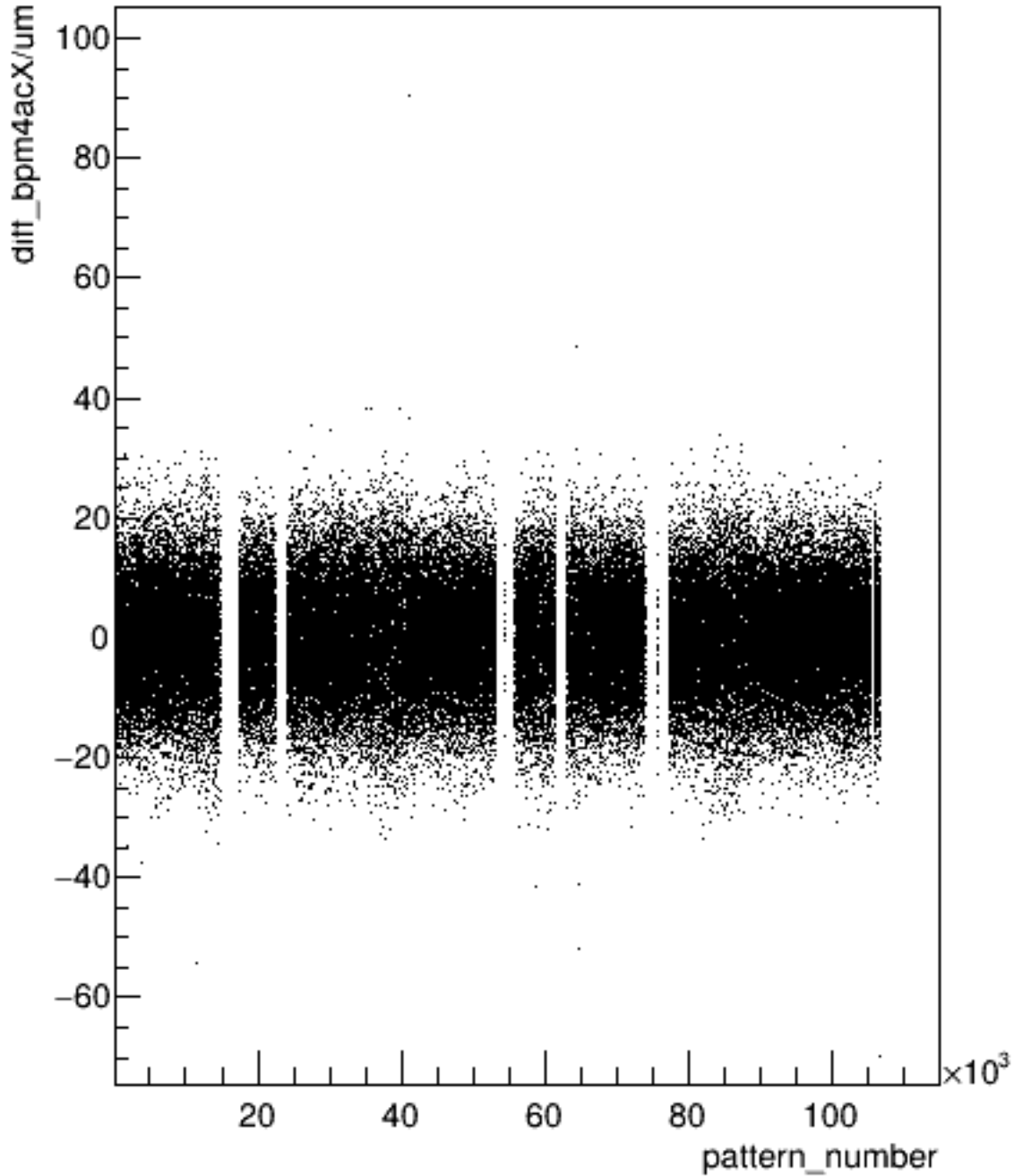
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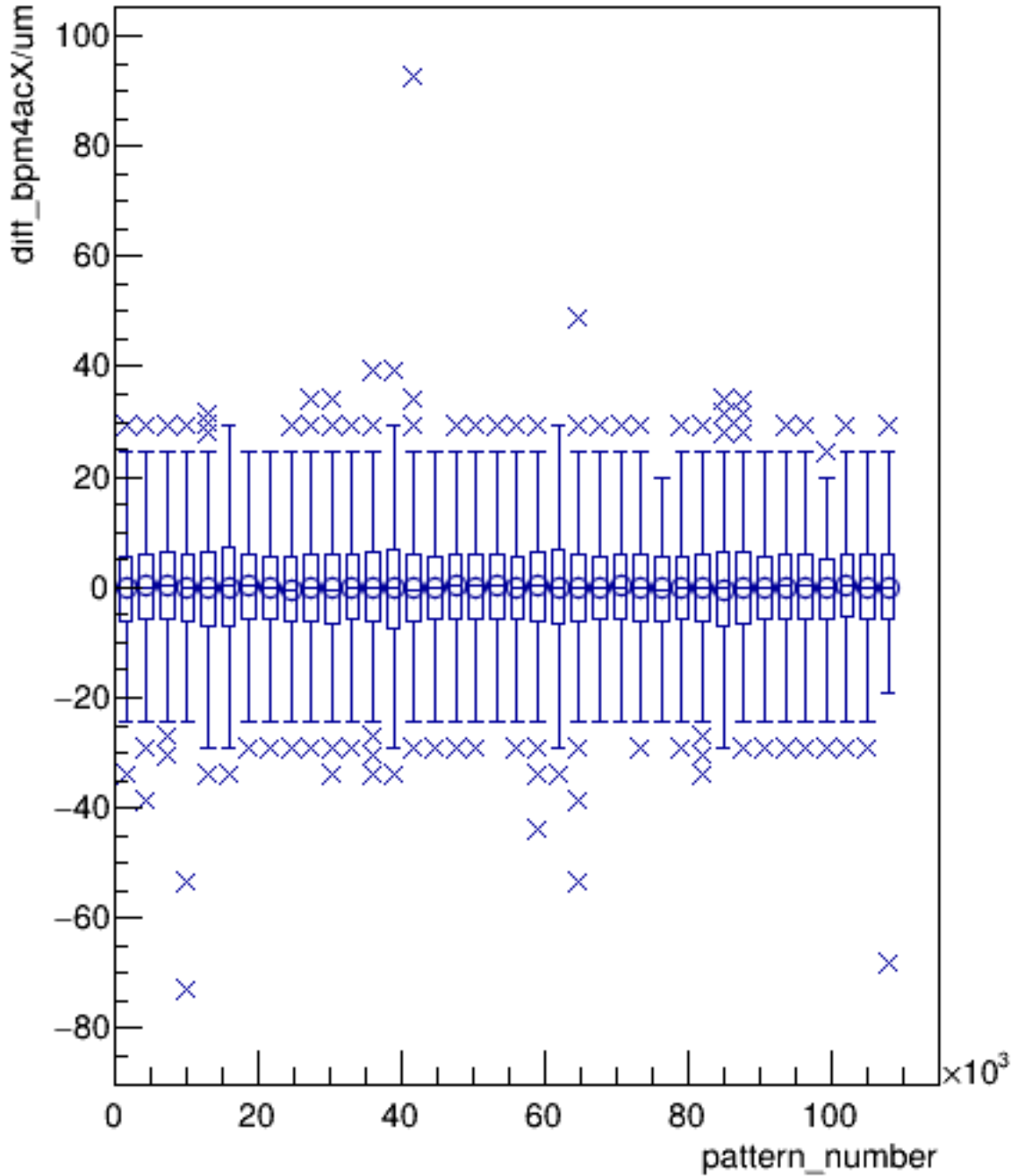
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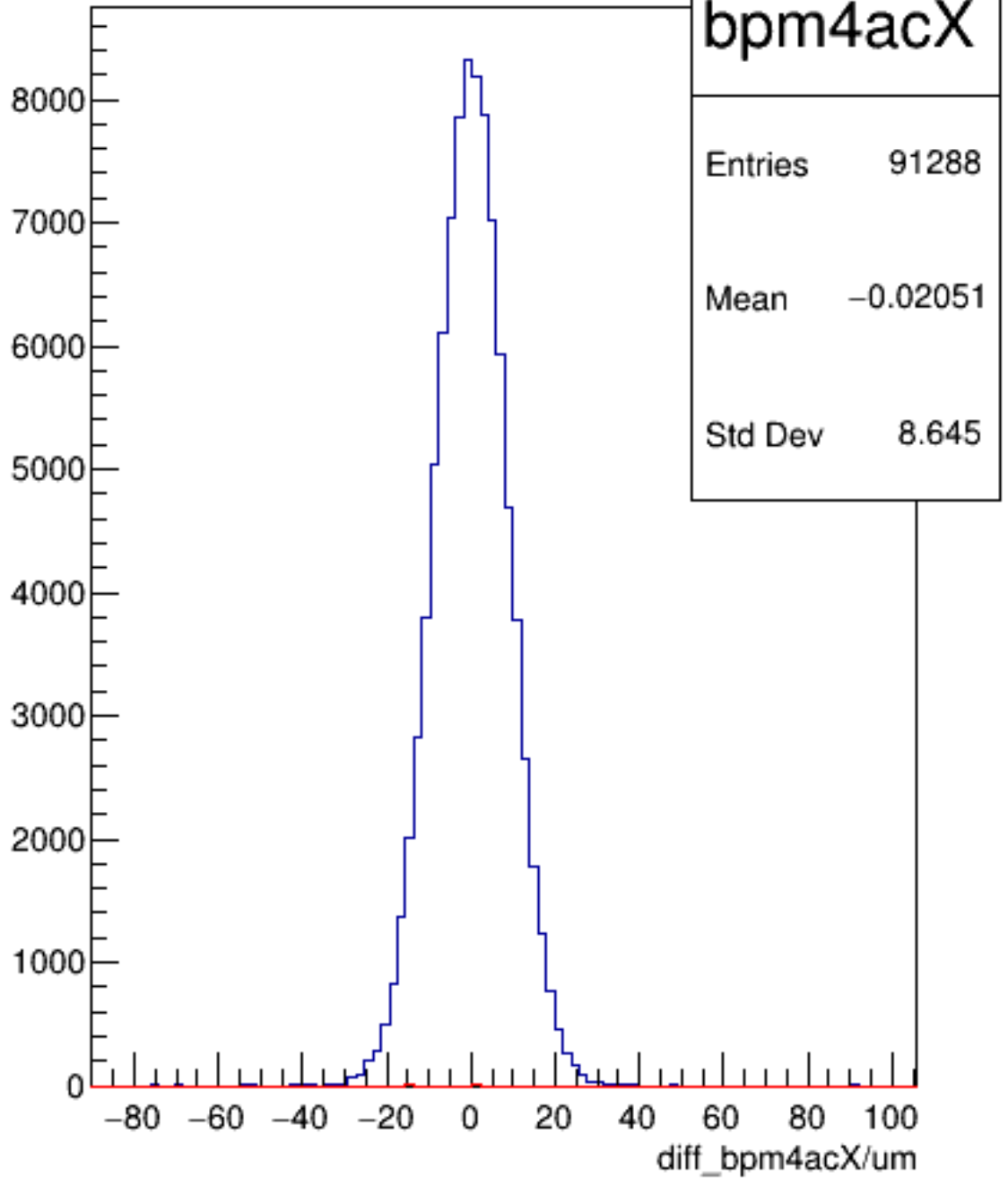
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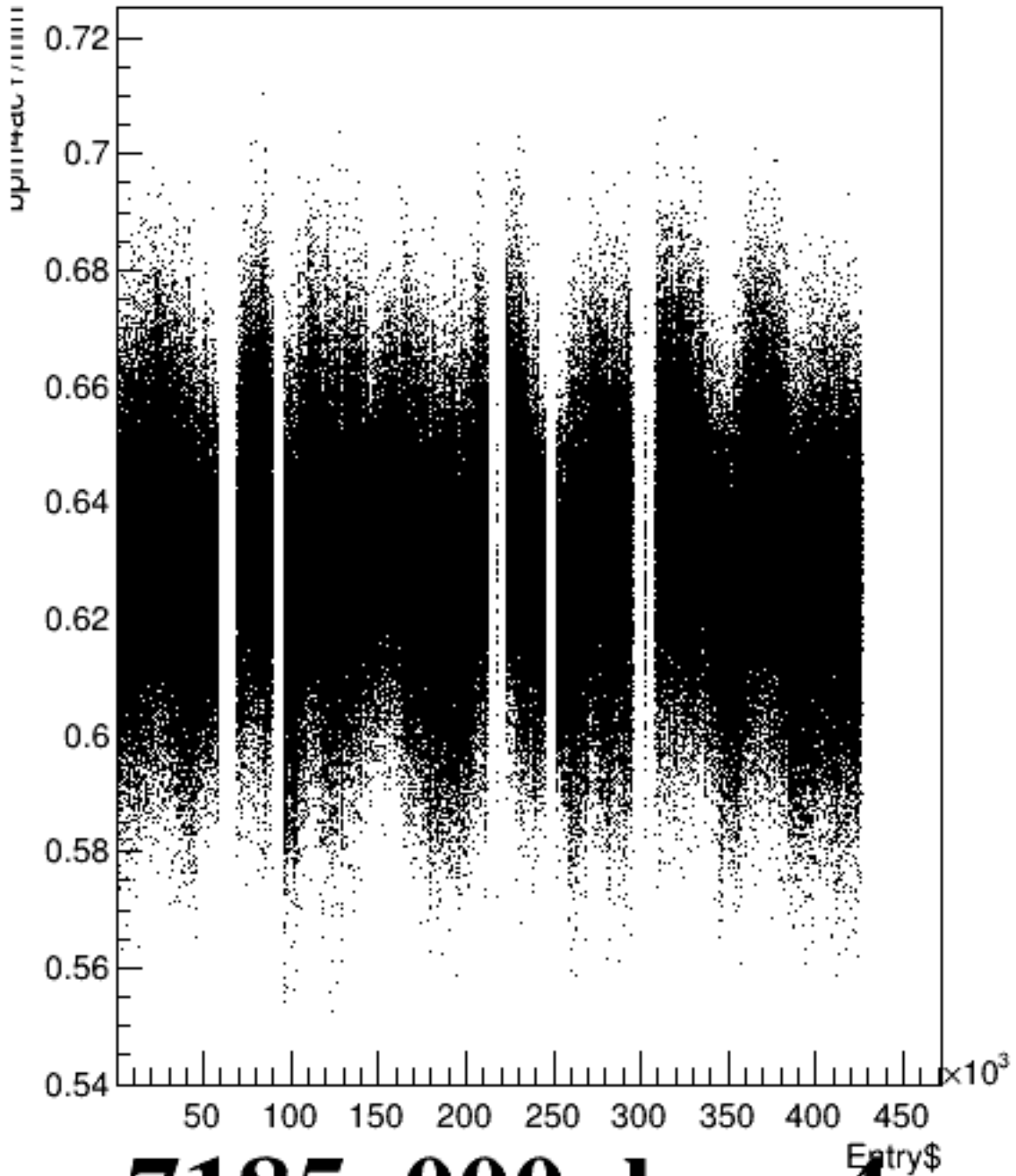
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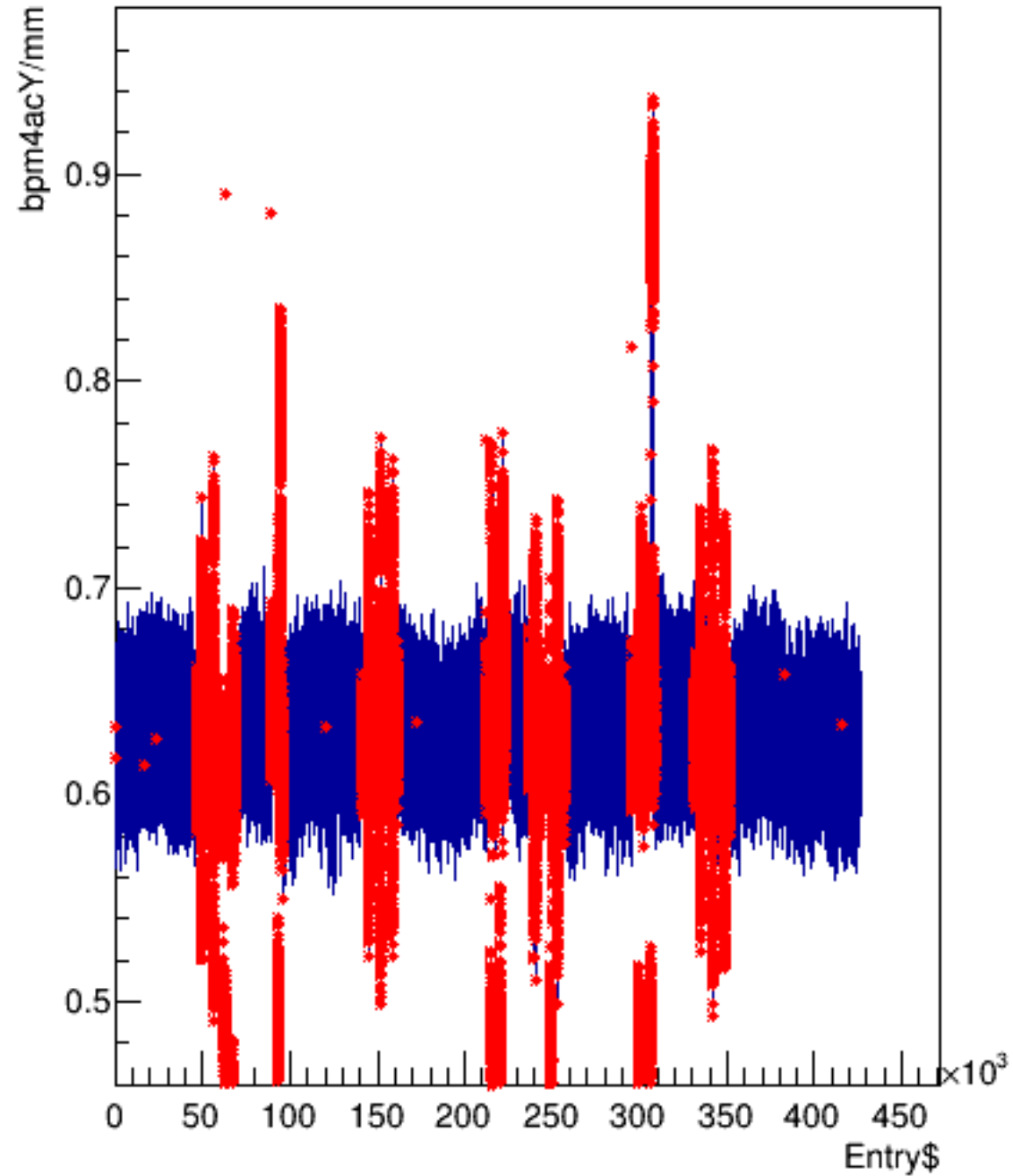
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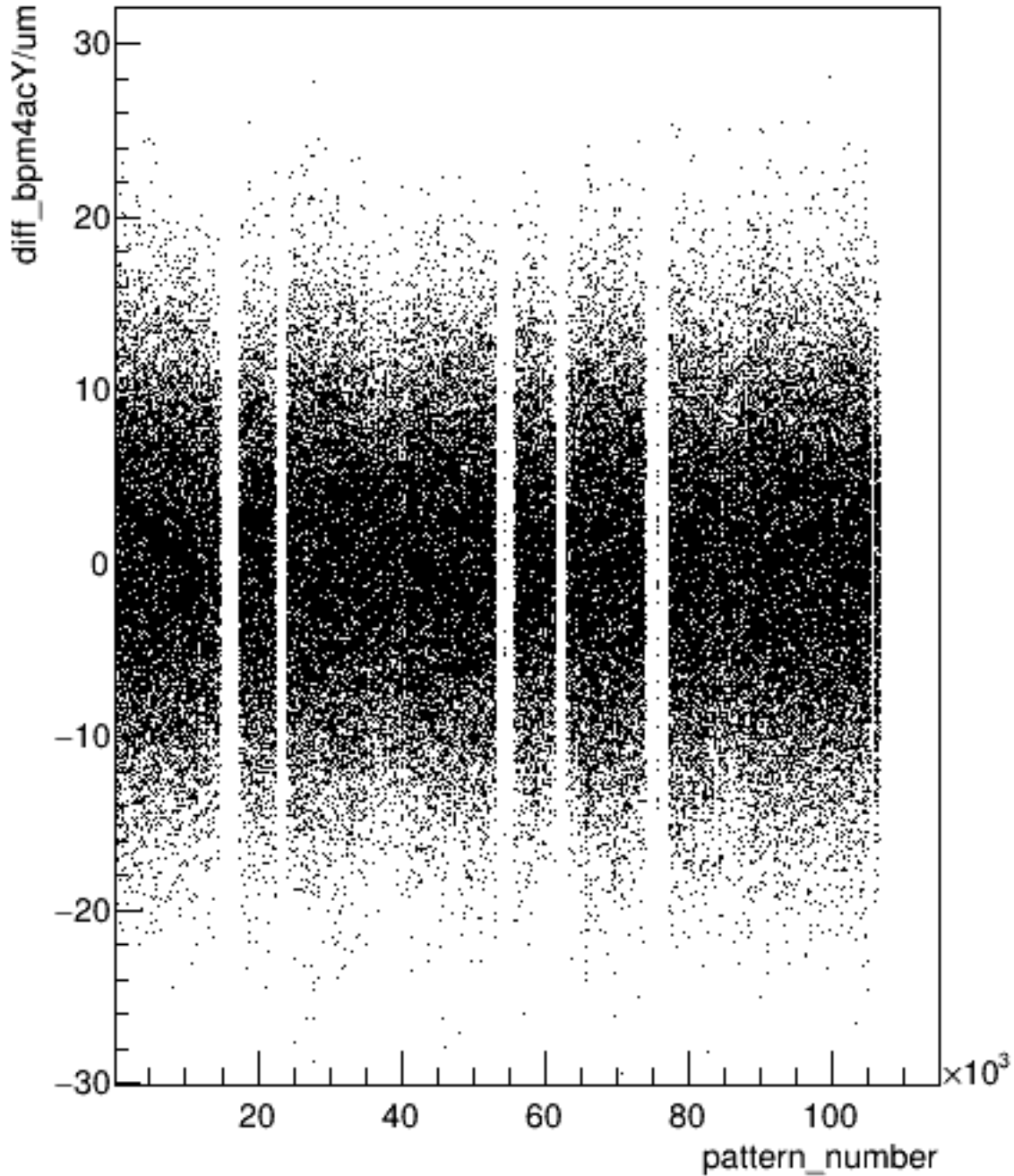
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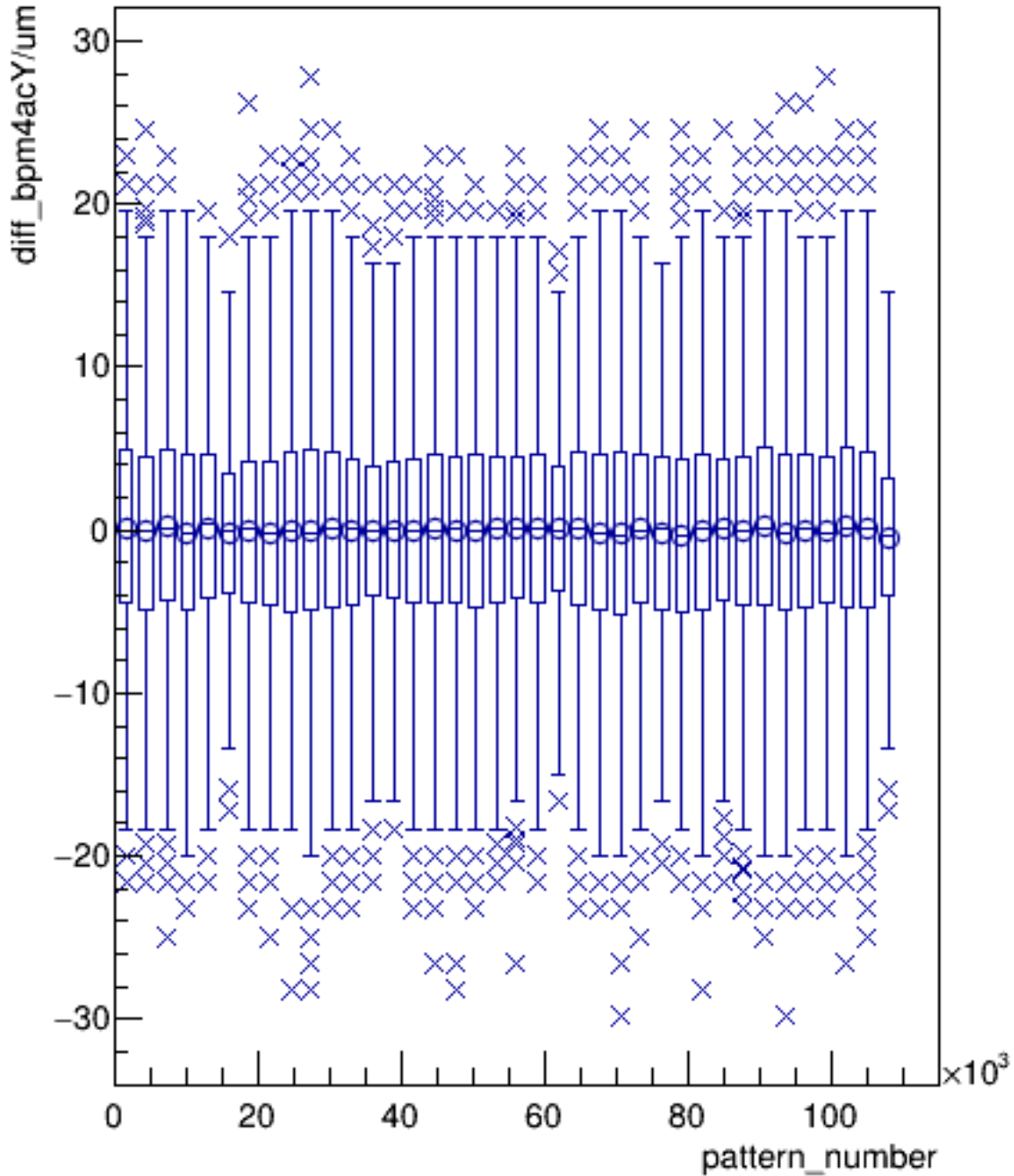
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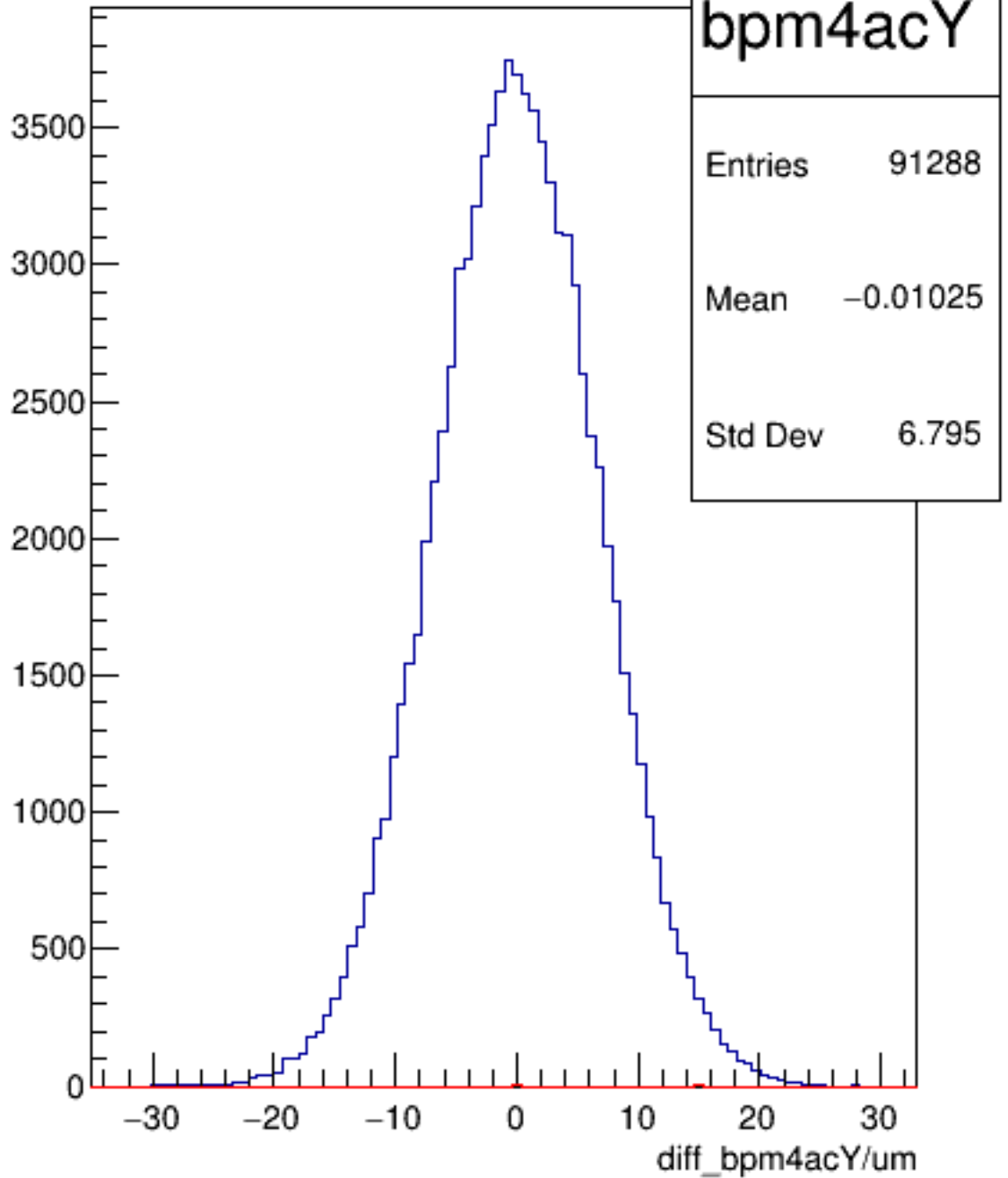
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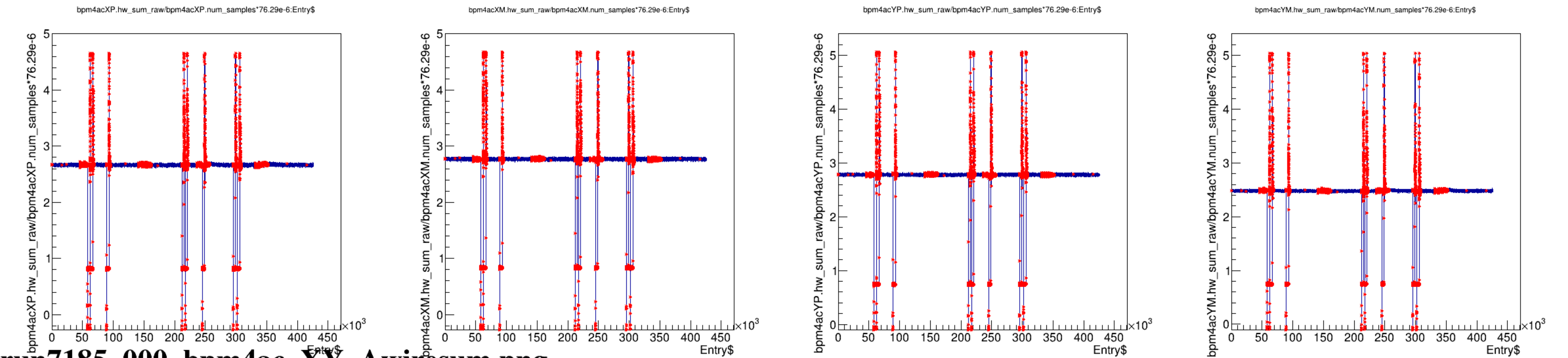
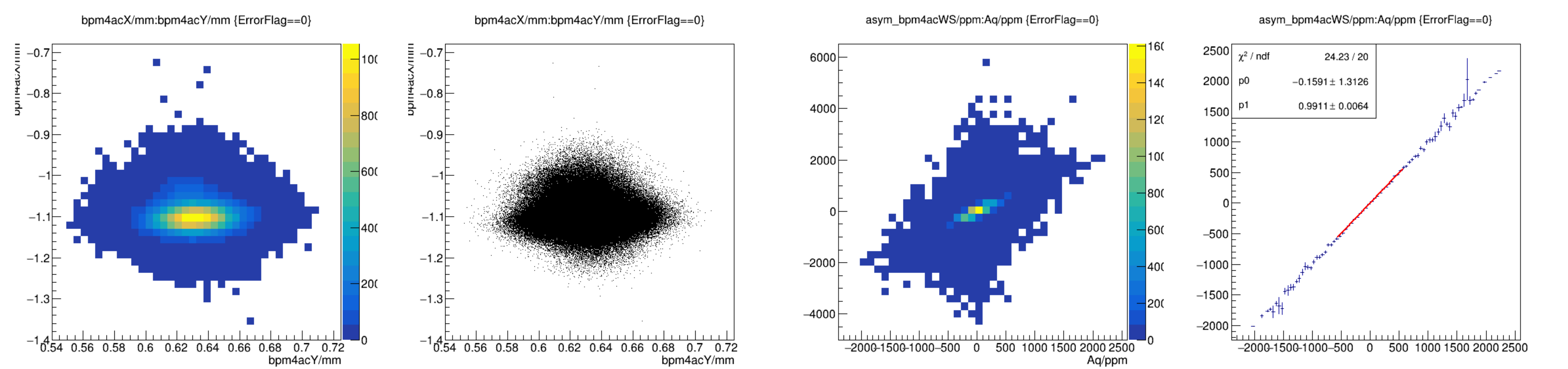


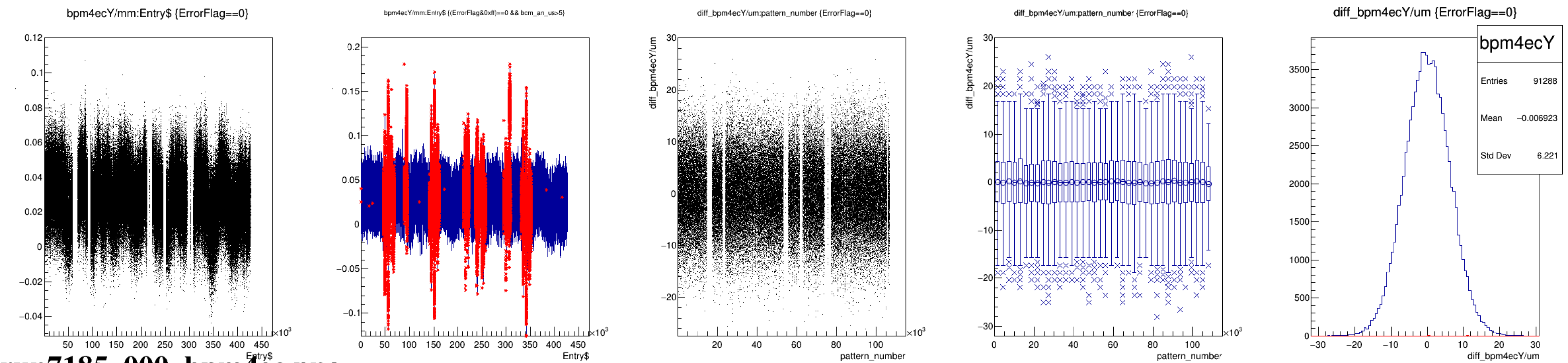
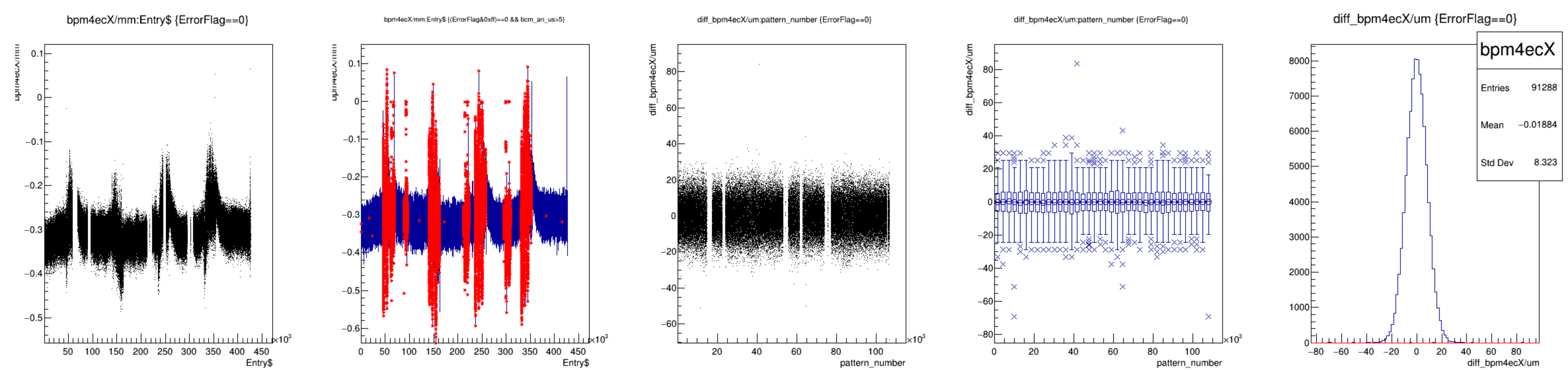
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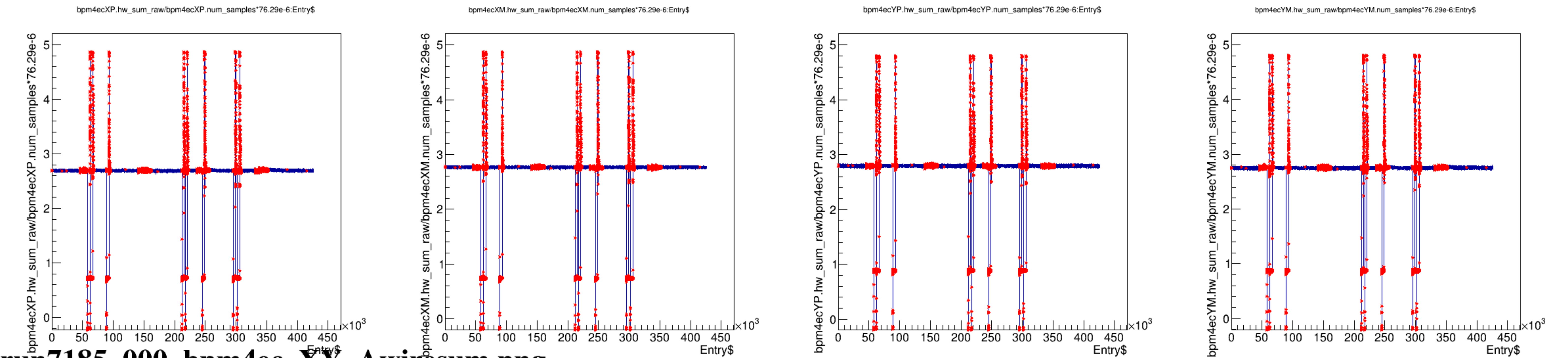
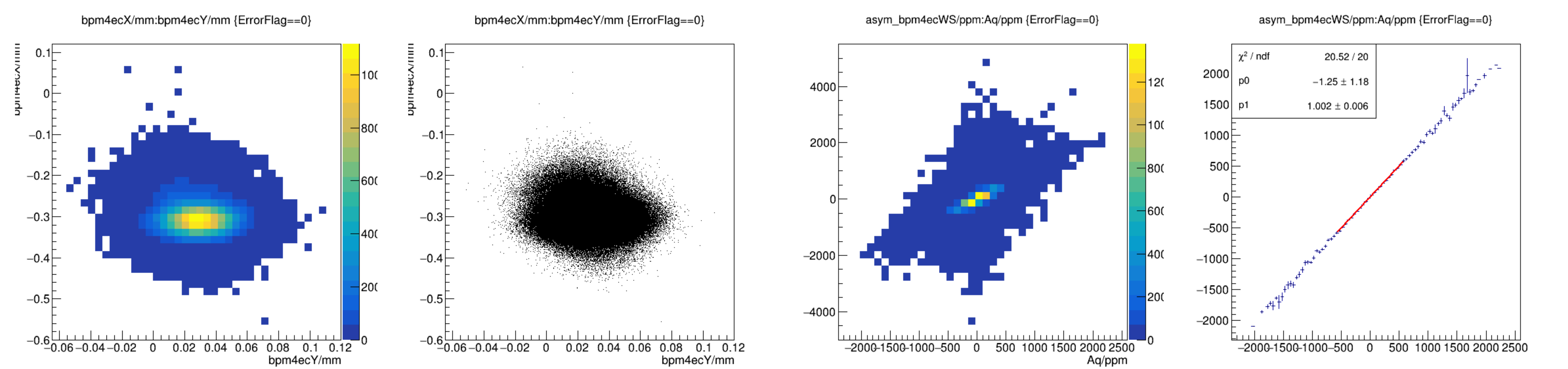


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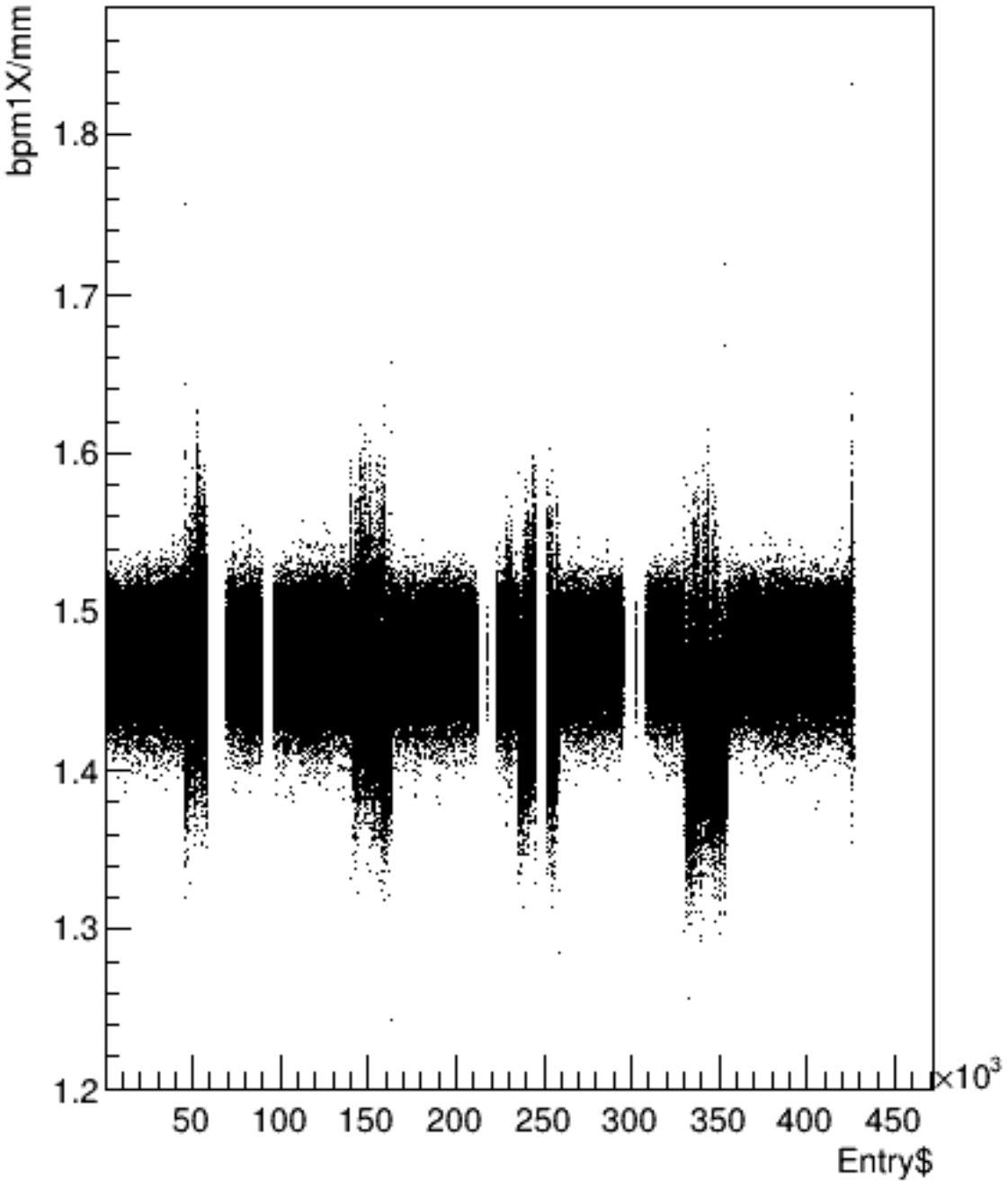




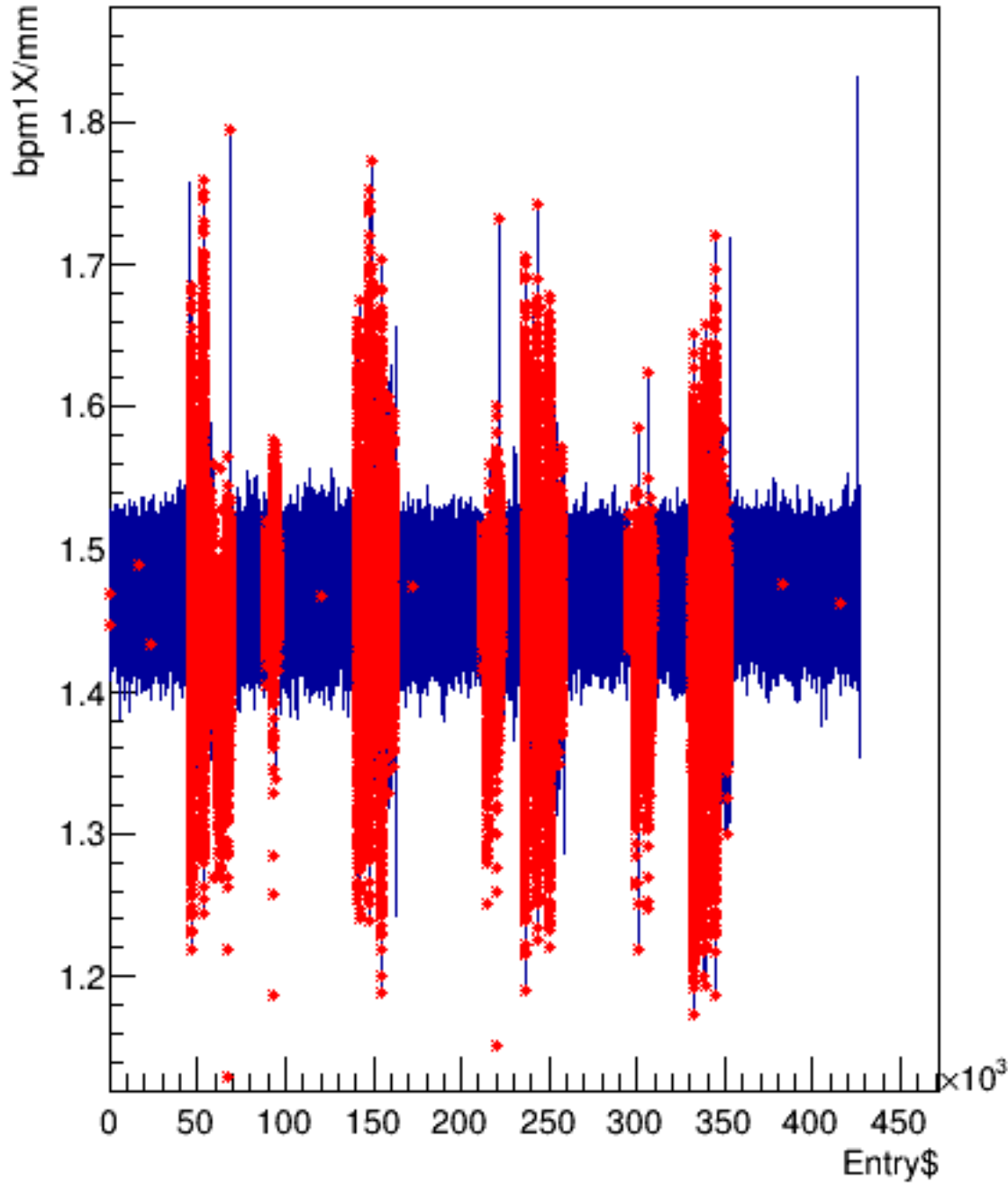


run7185_000_bpm4ec_XY_Awiresum.png

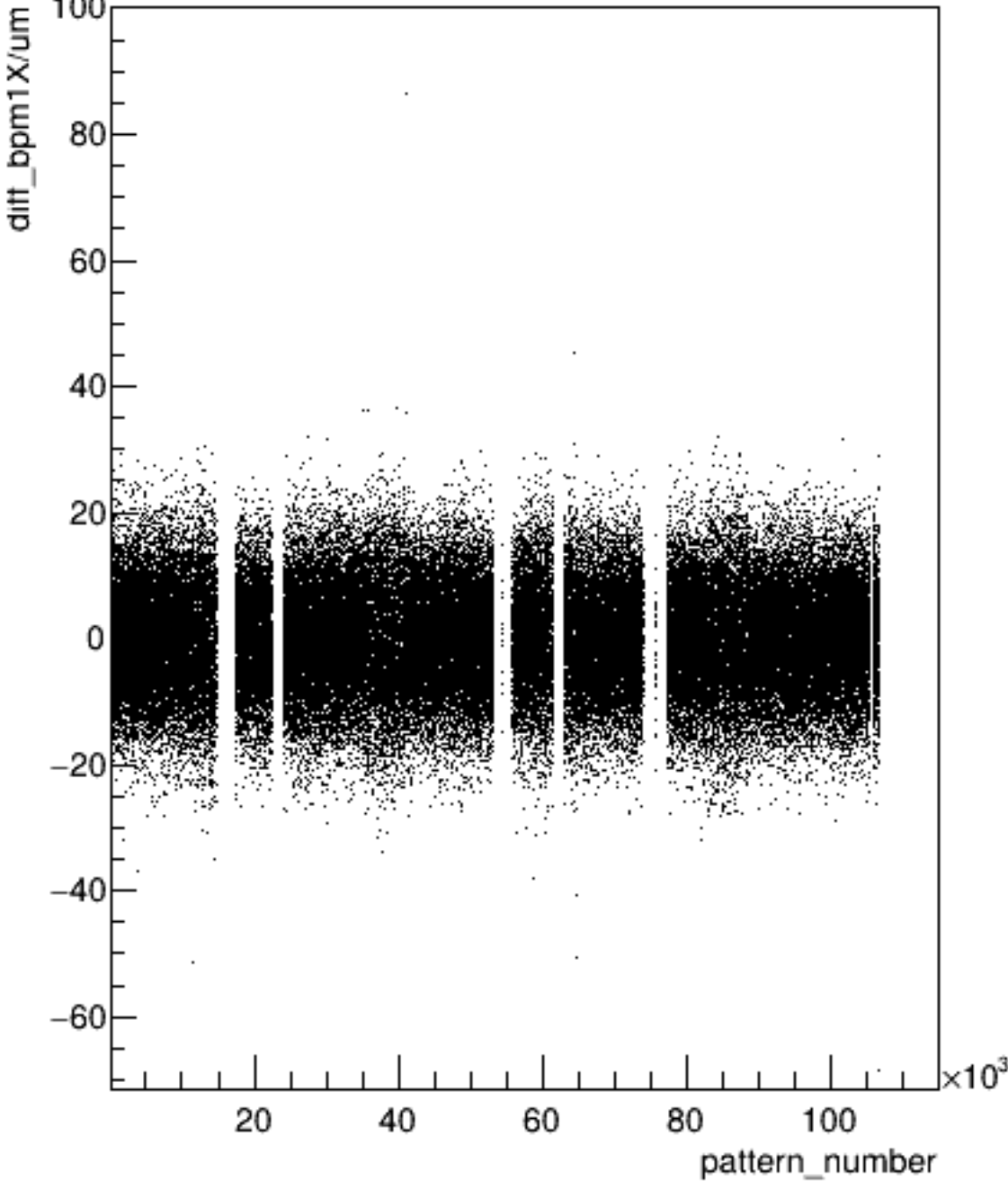
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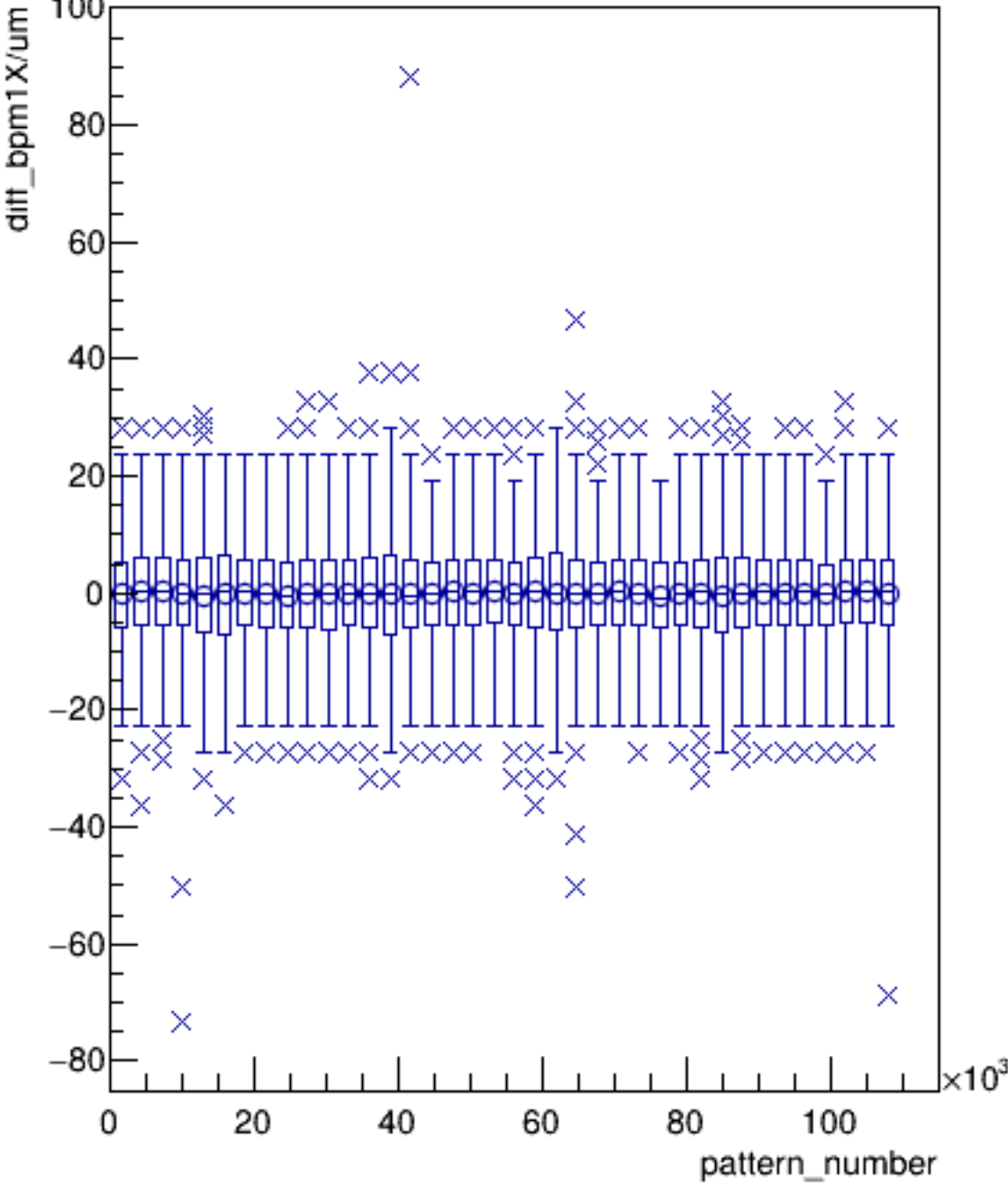
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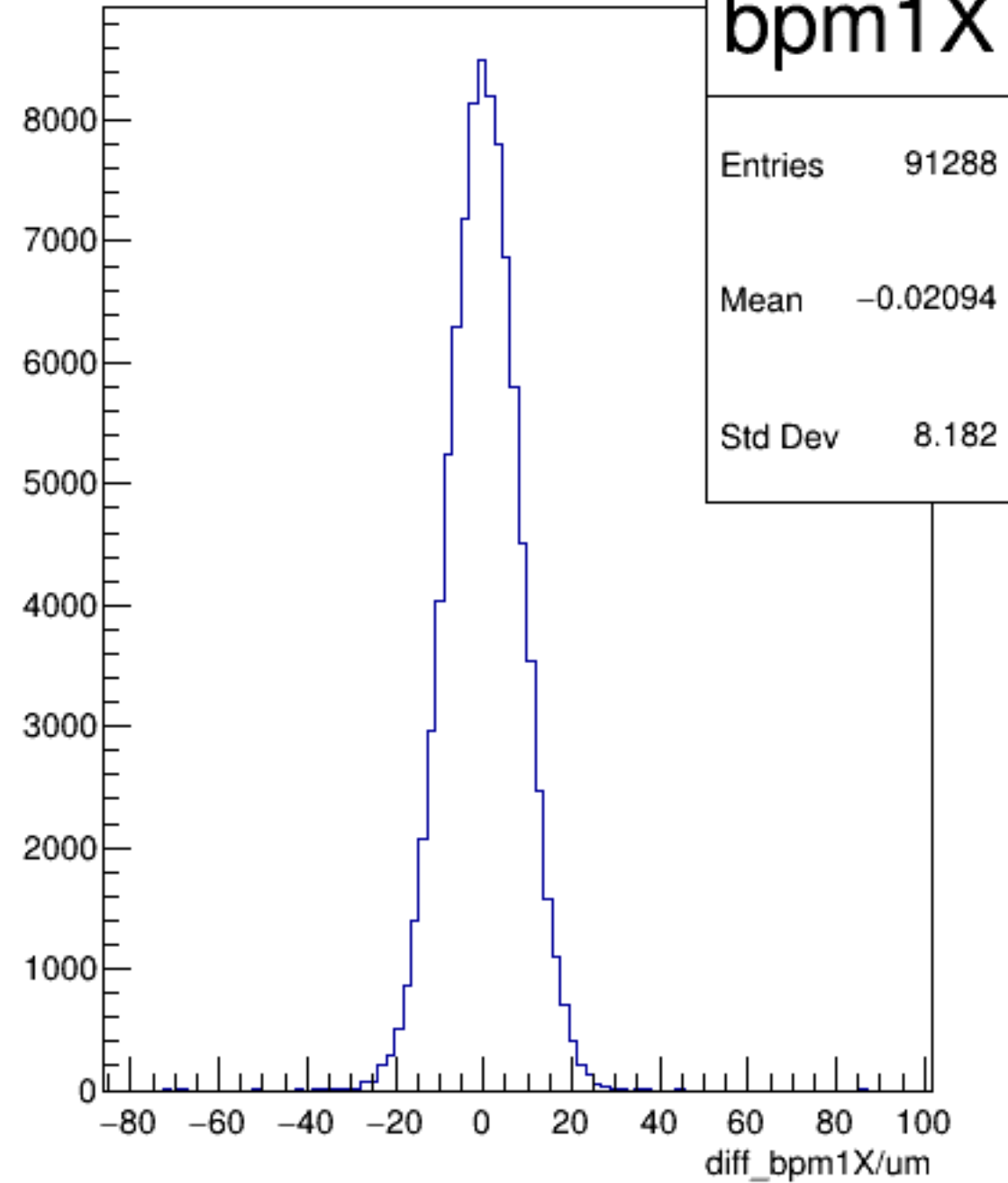
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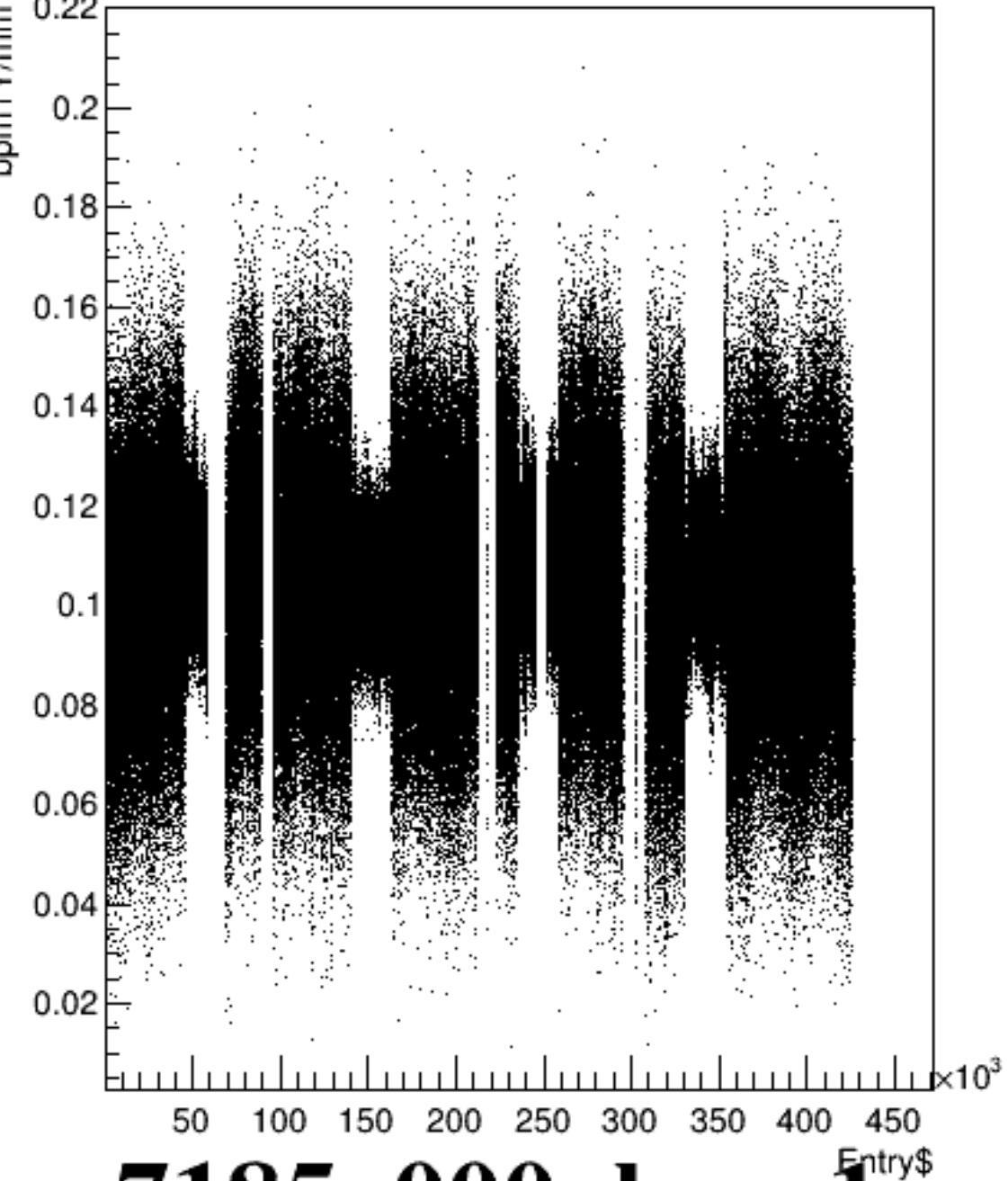
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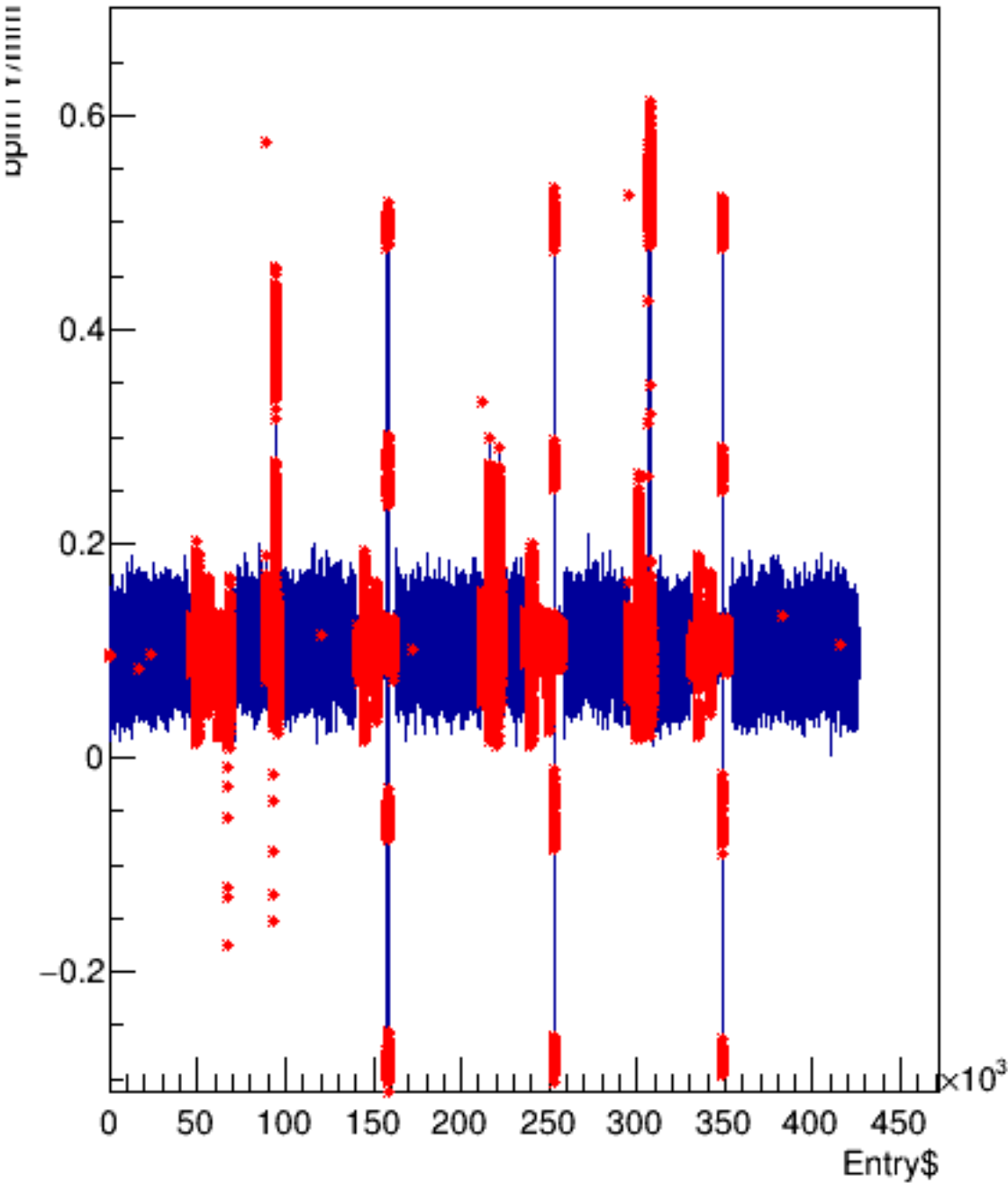
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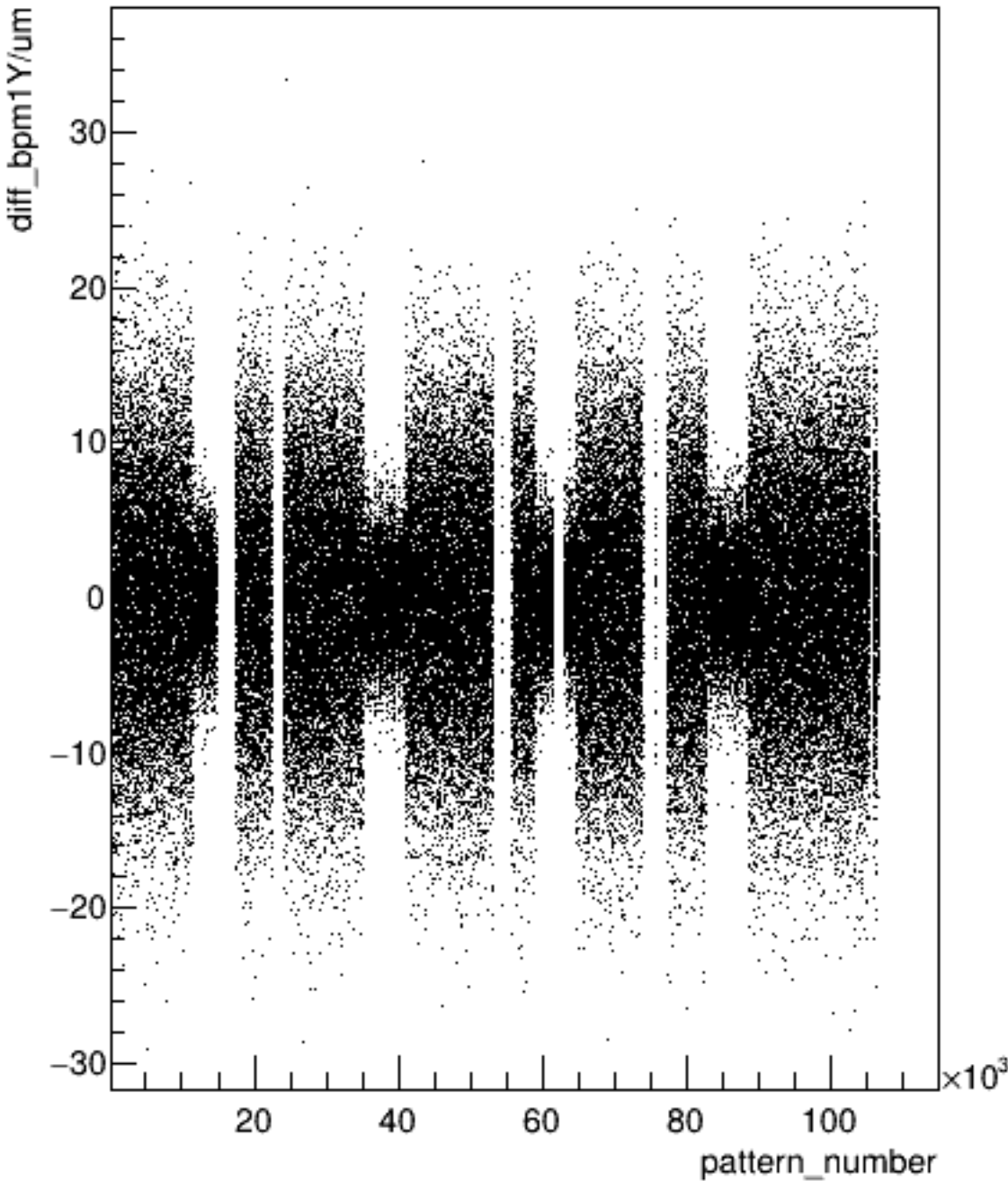
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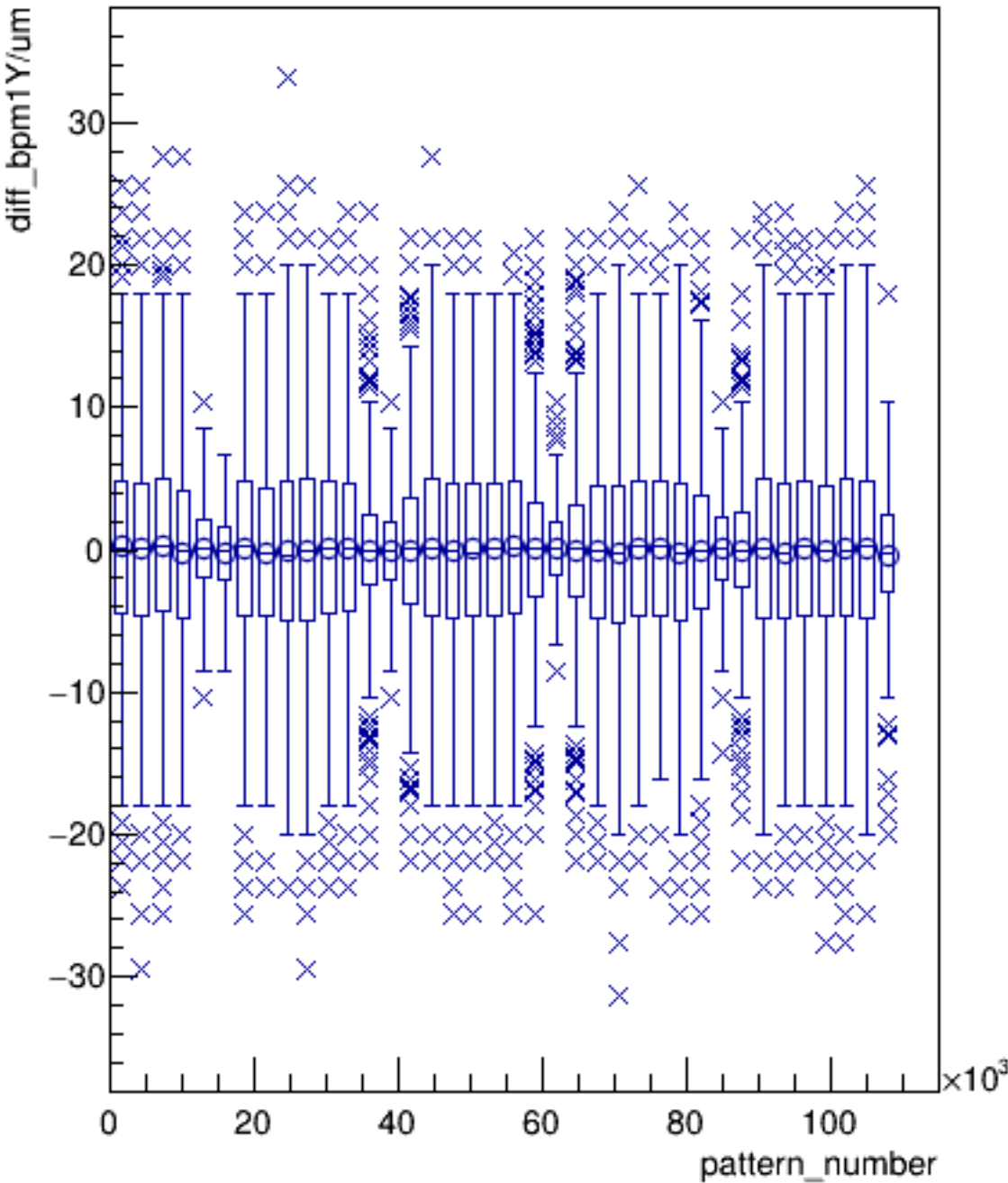
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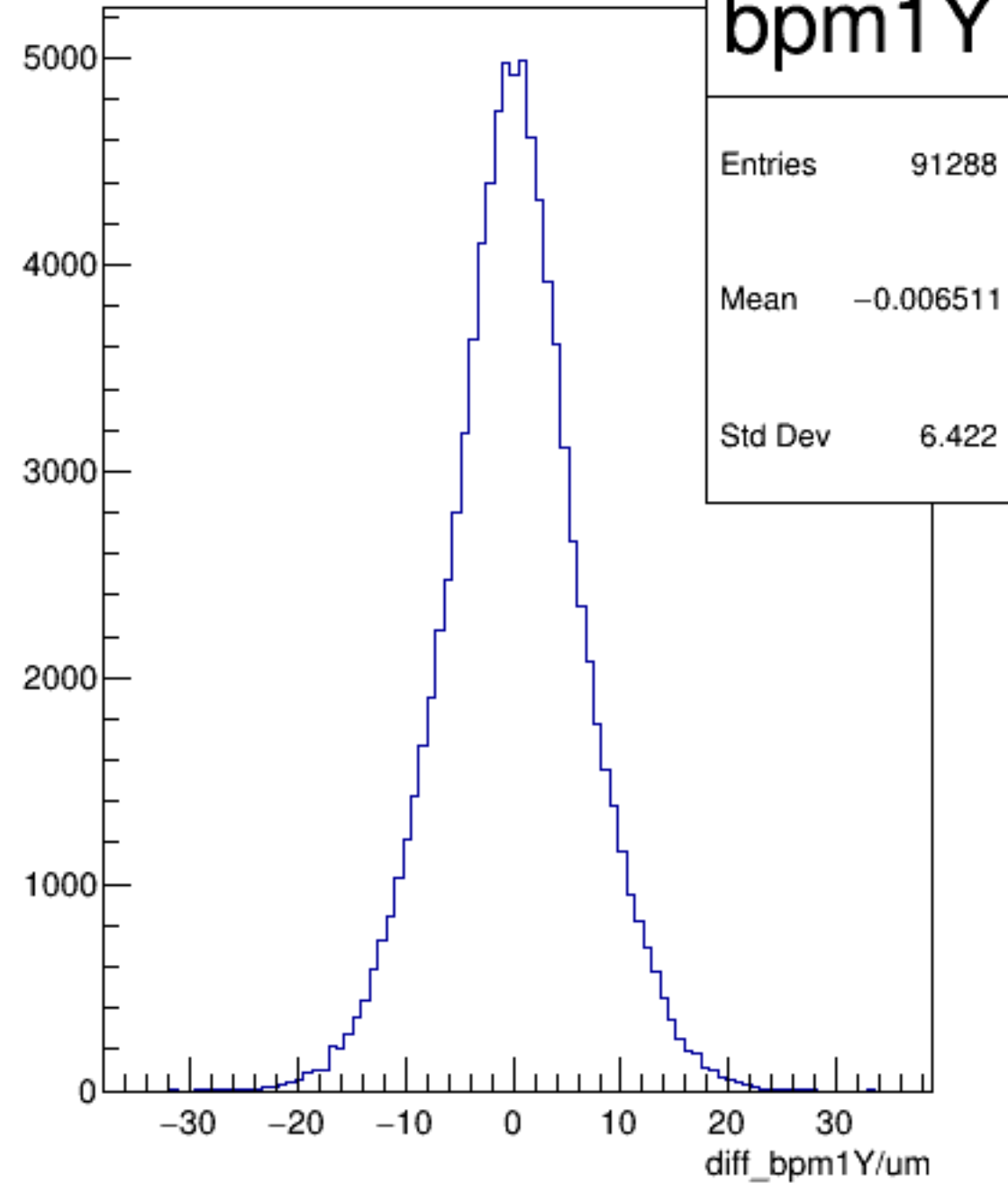
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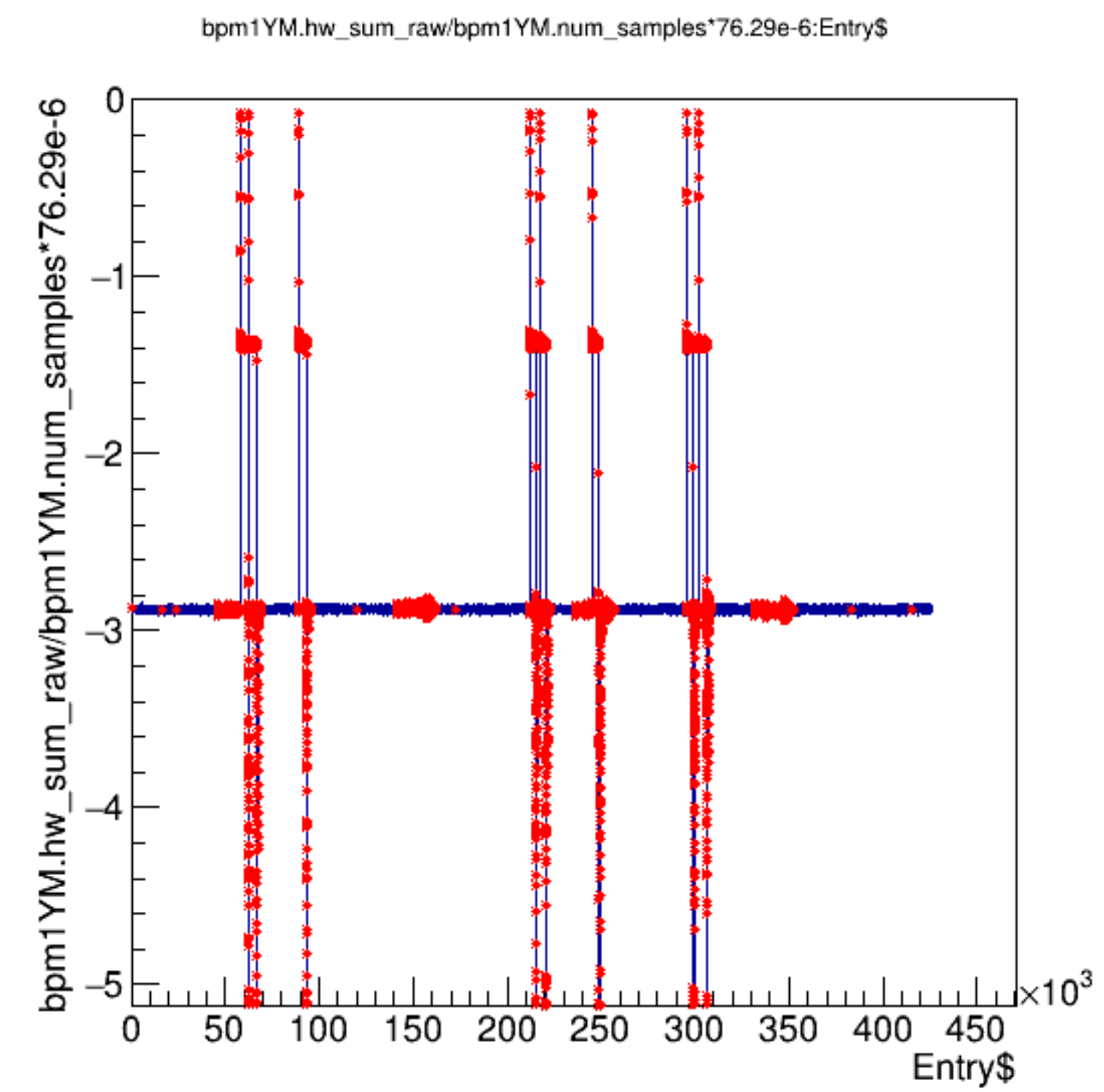
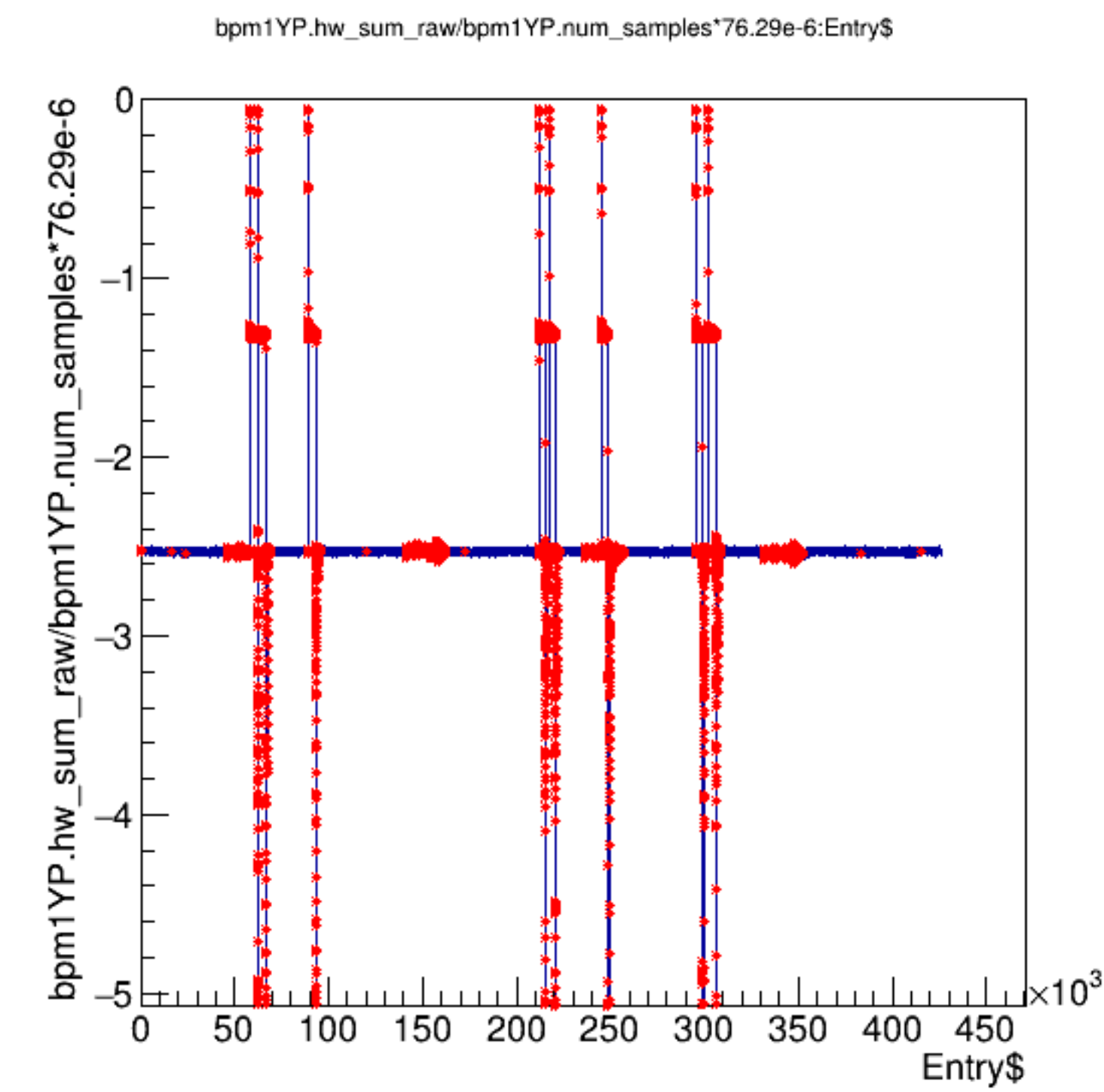
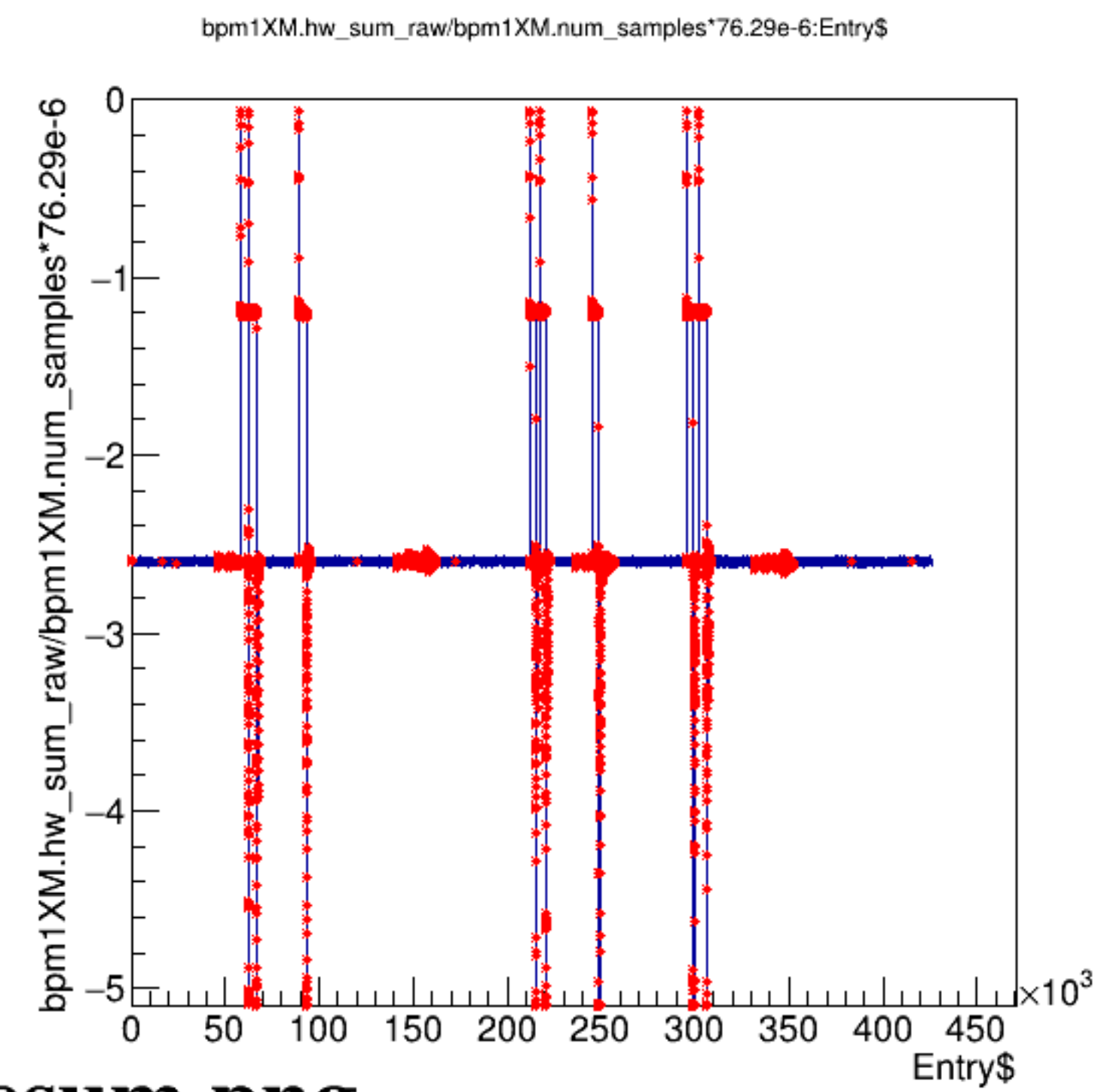
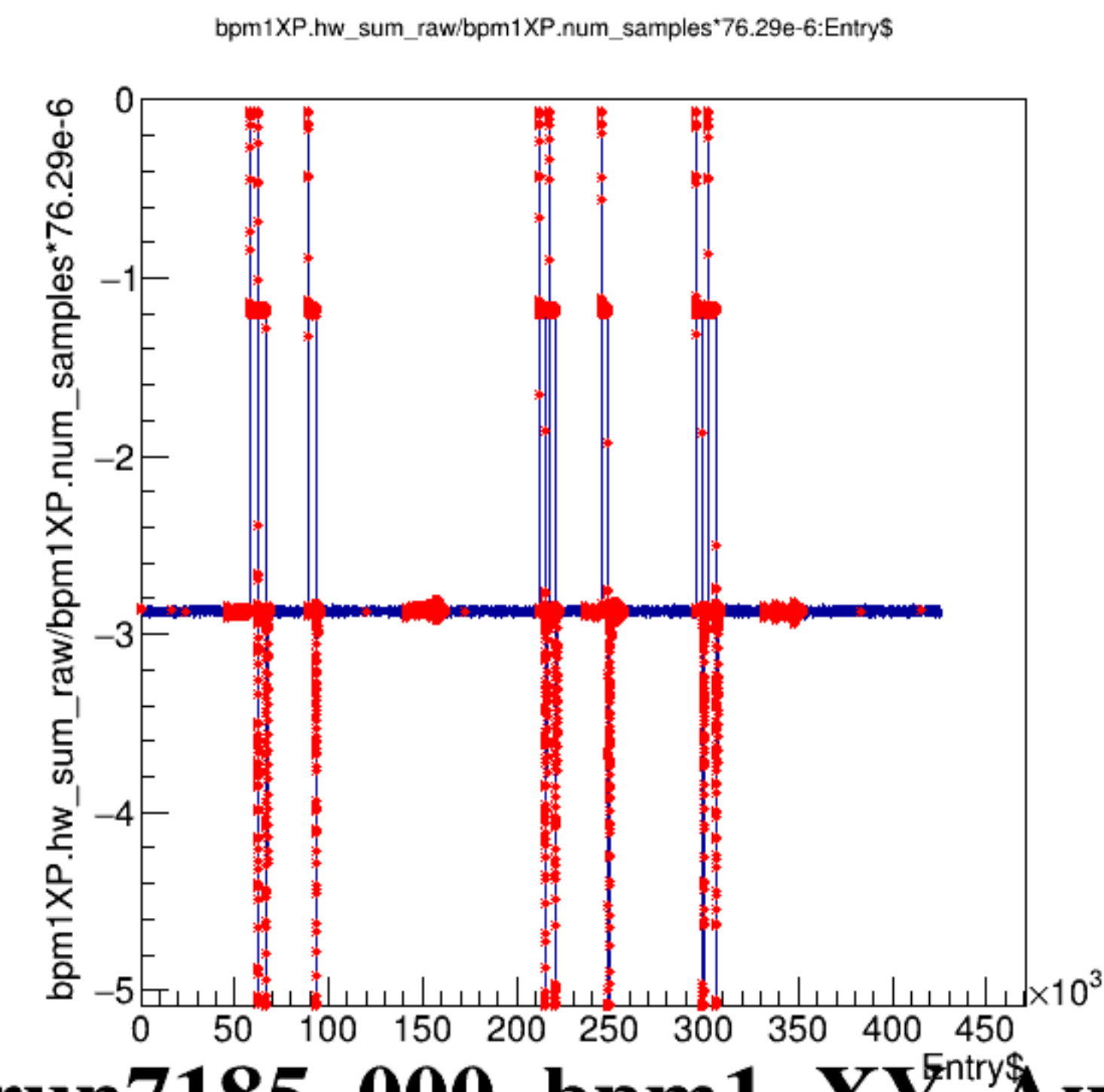
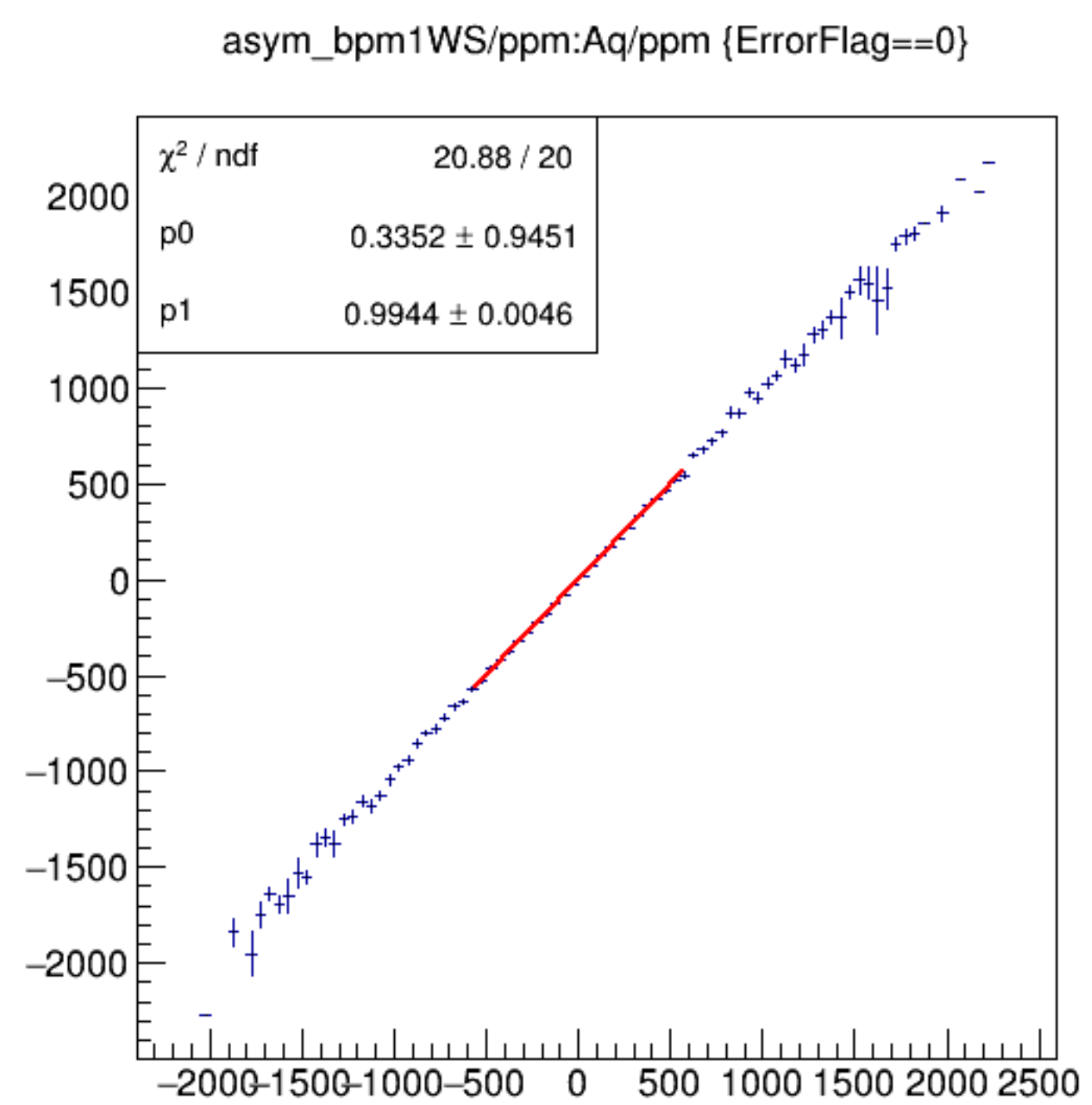
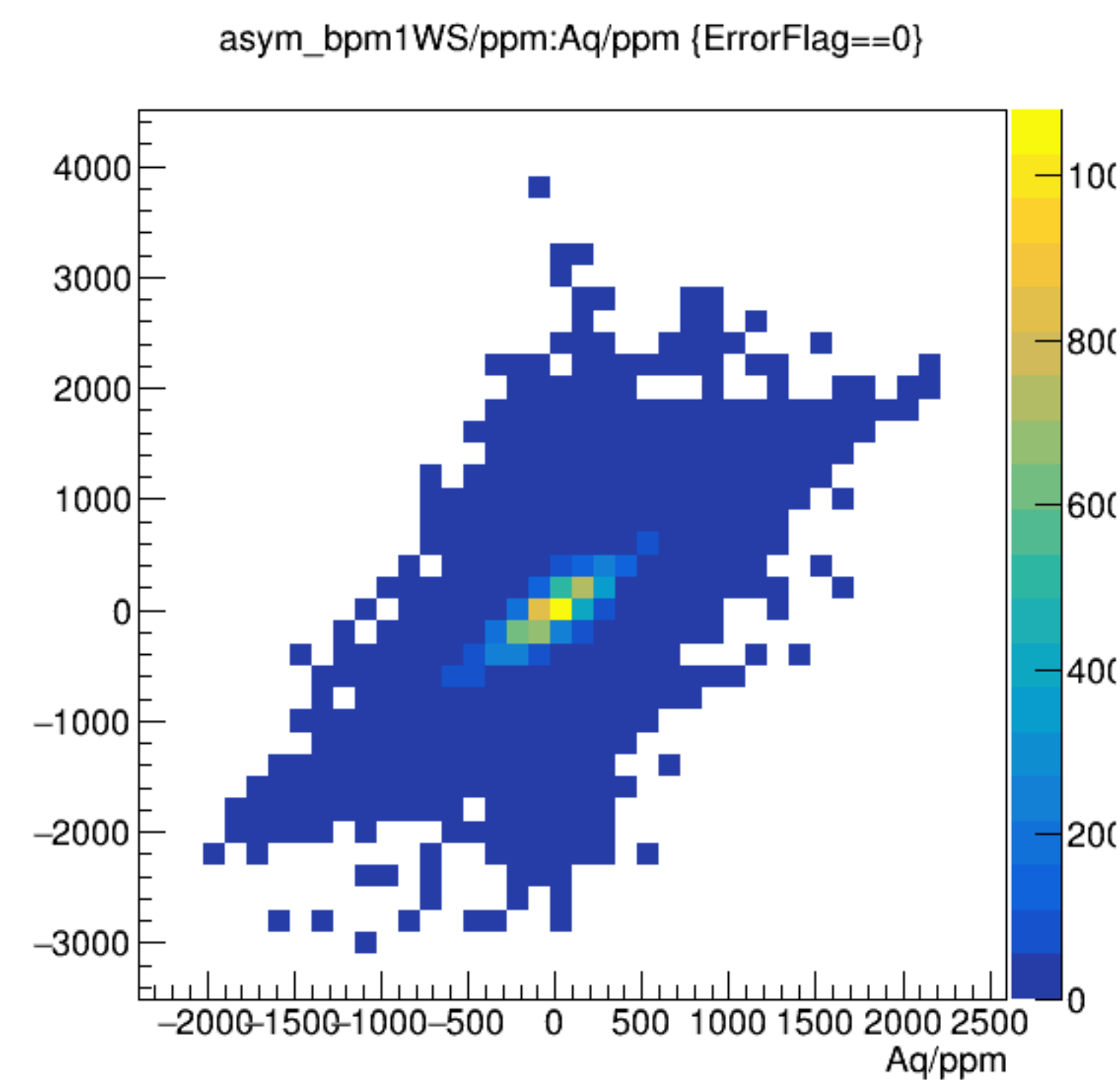
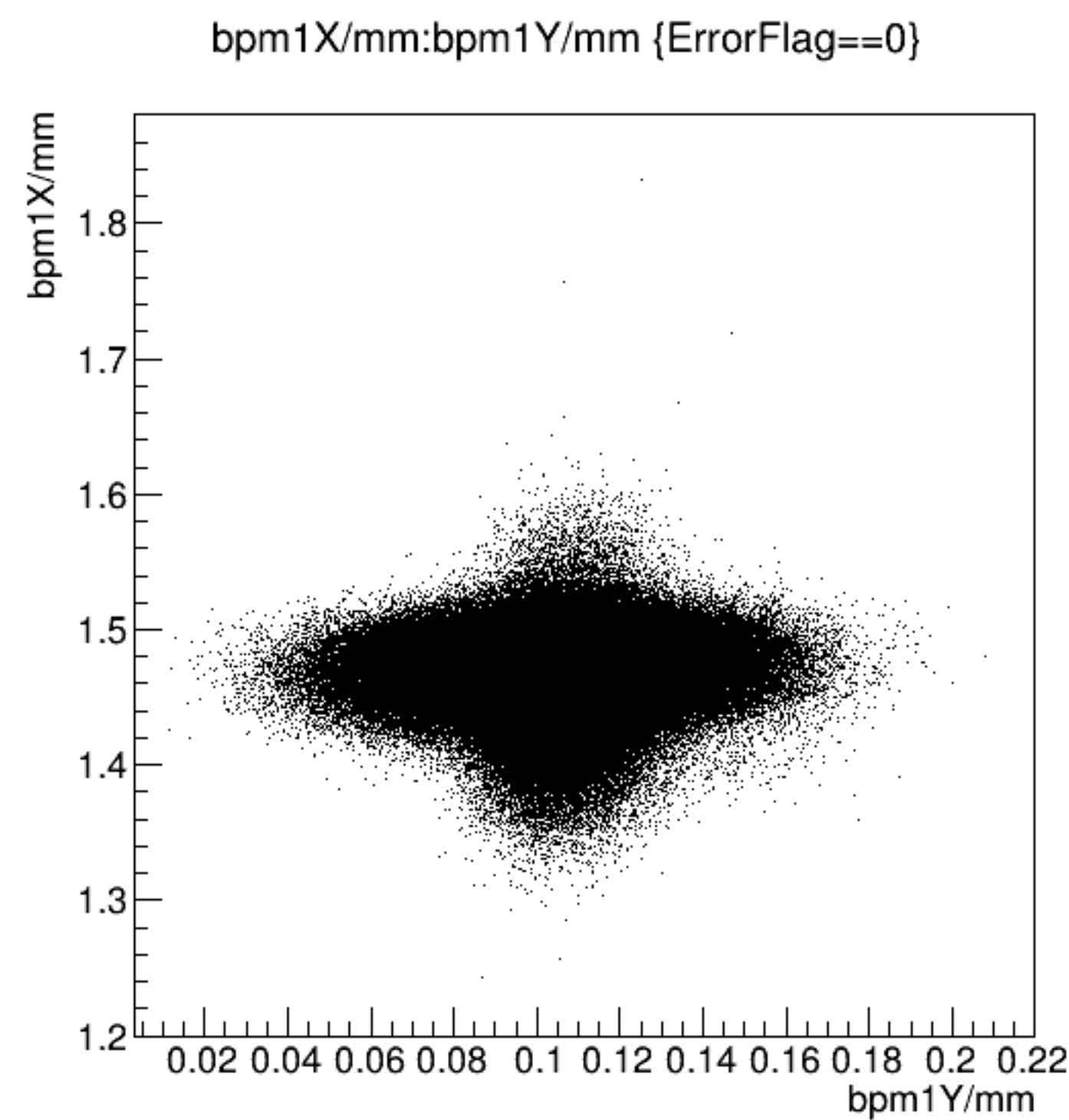
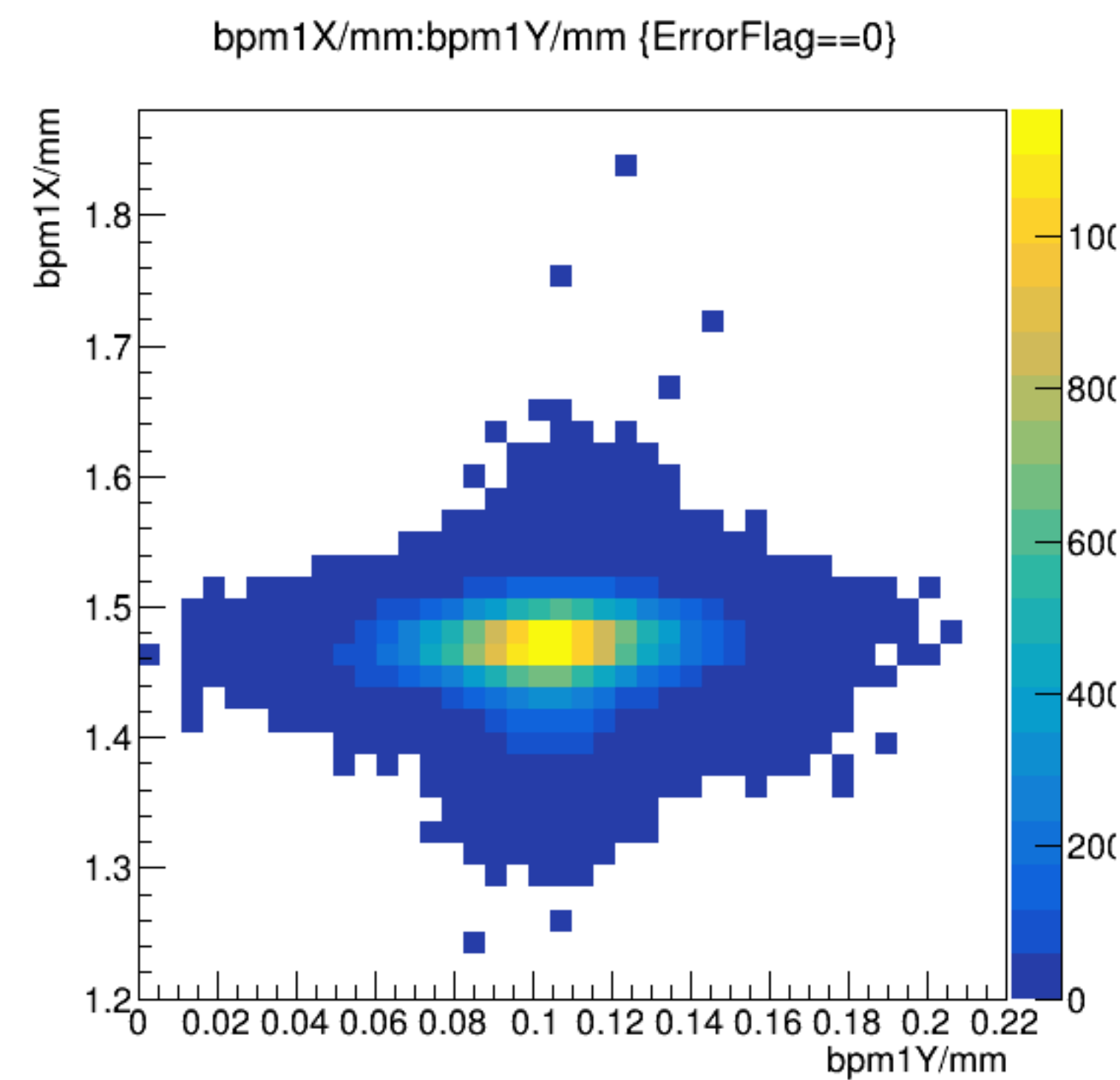


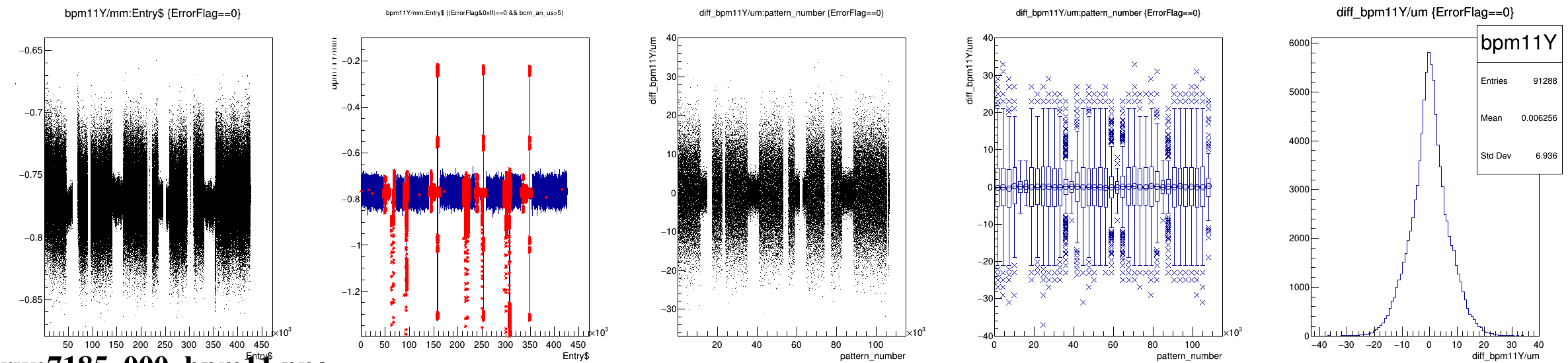
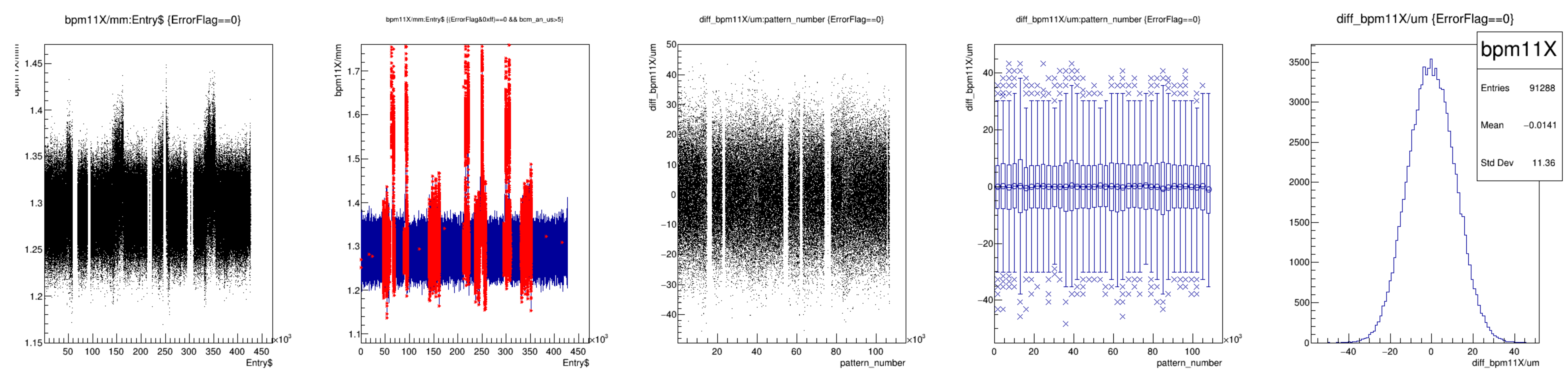
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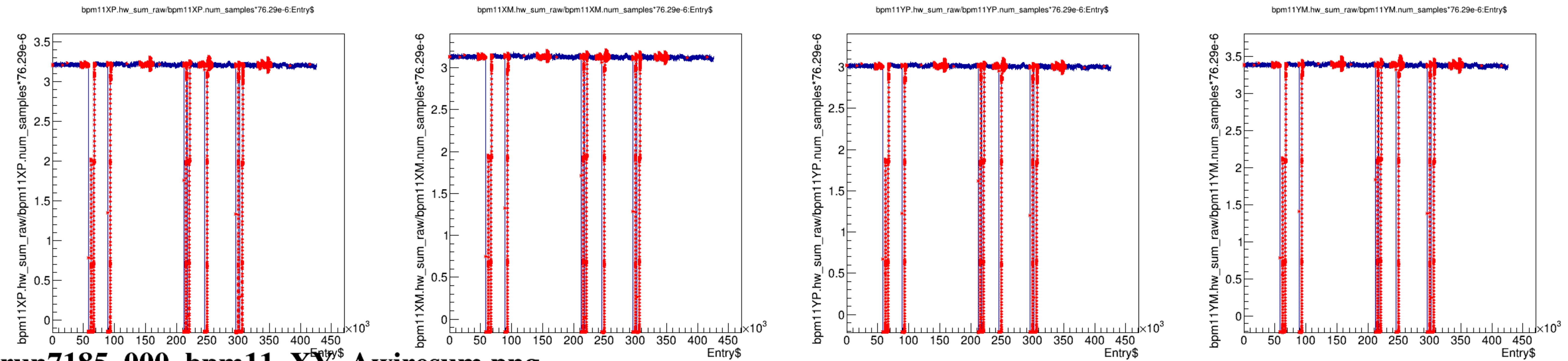
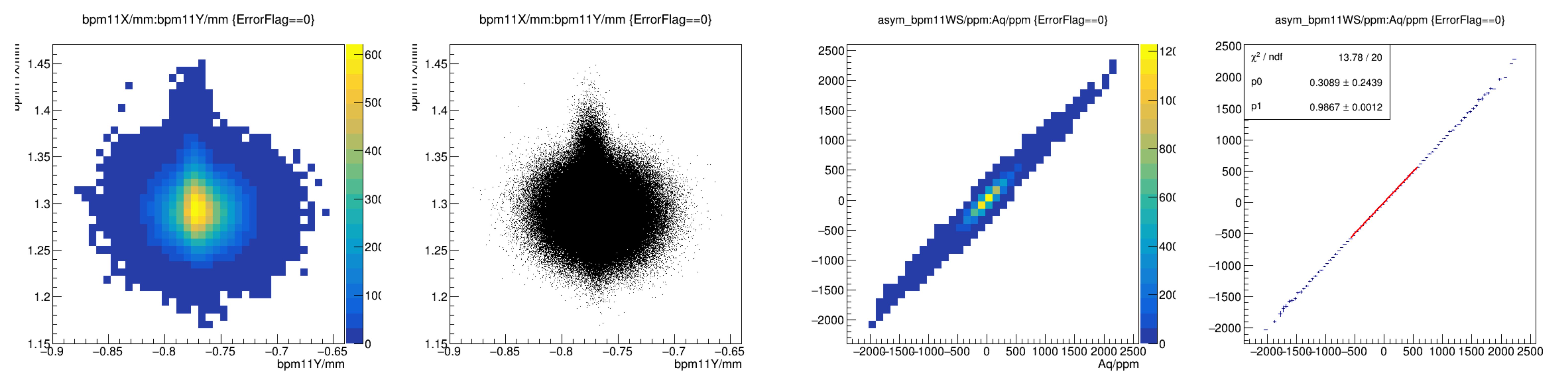


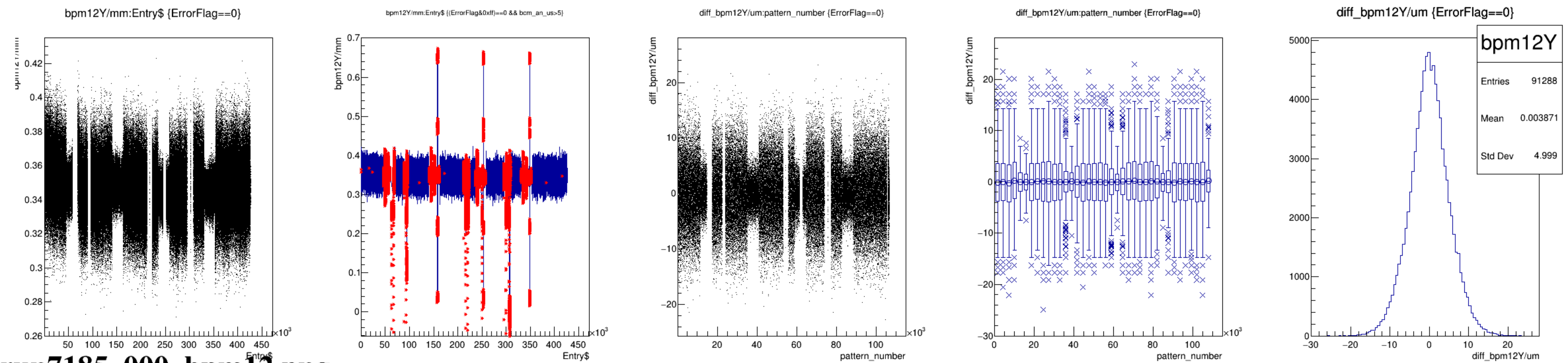
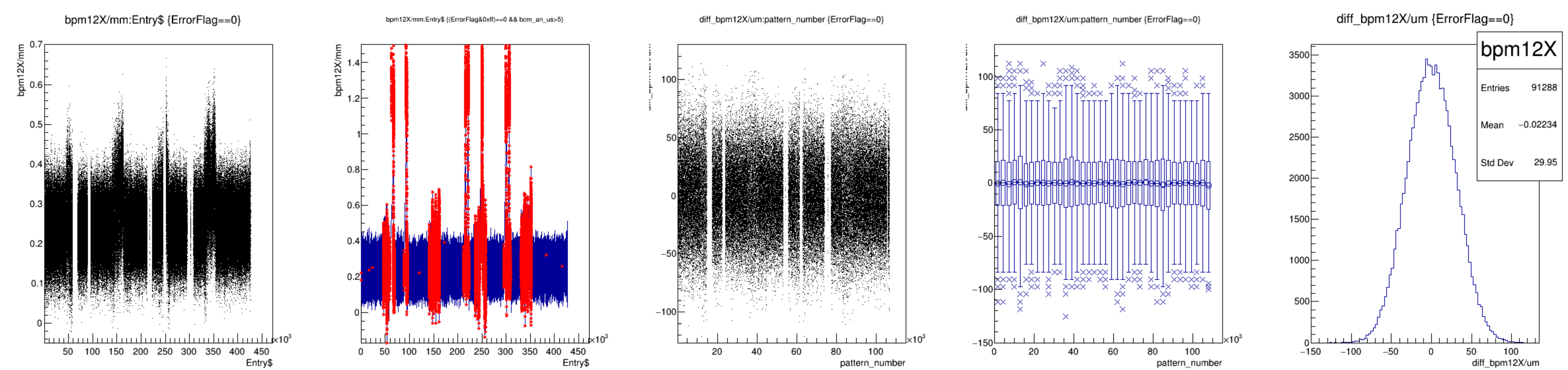
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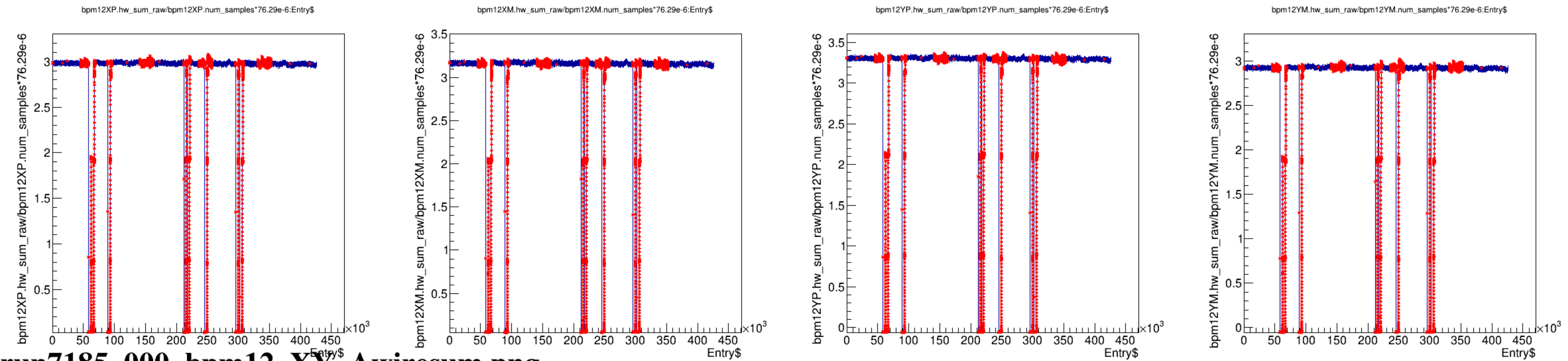
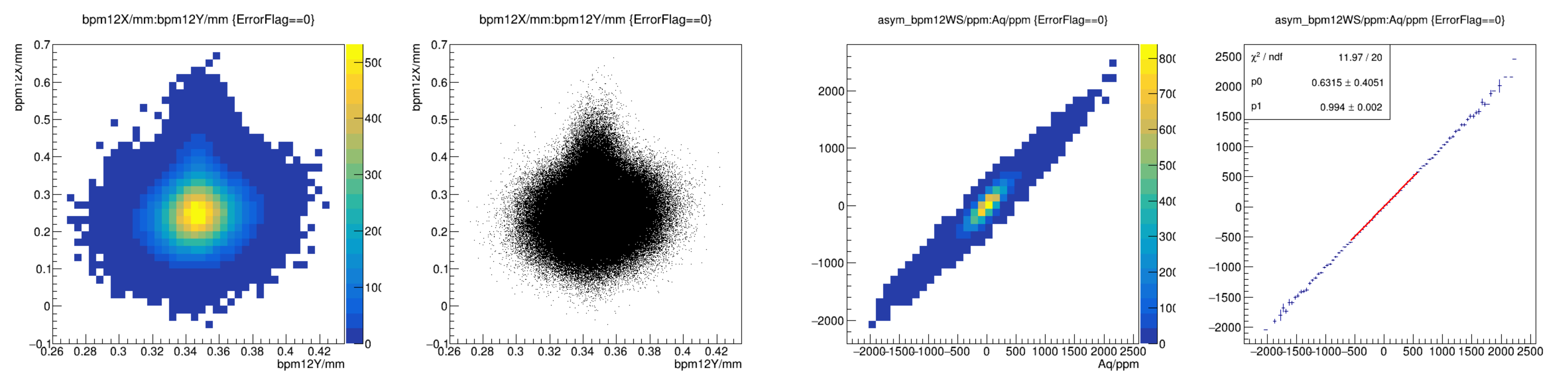




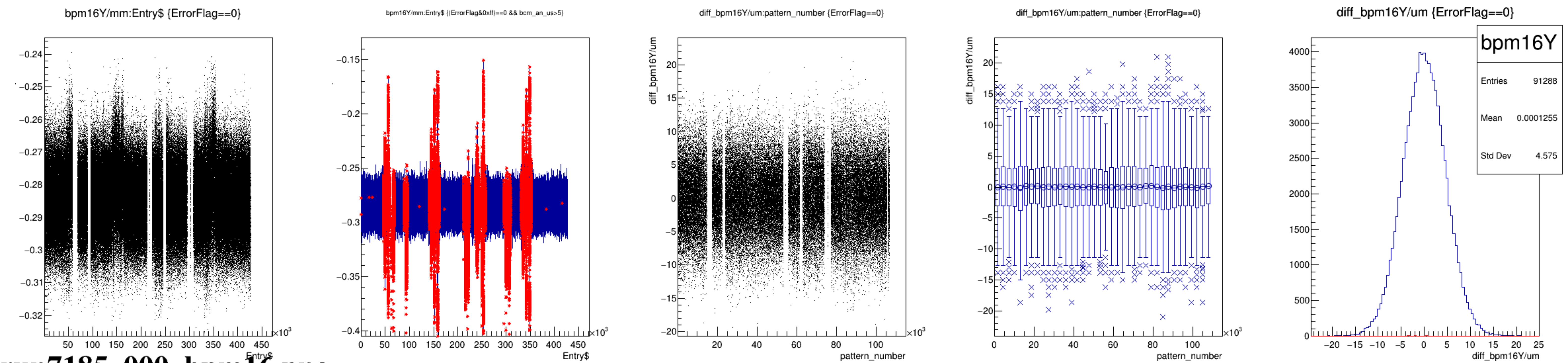
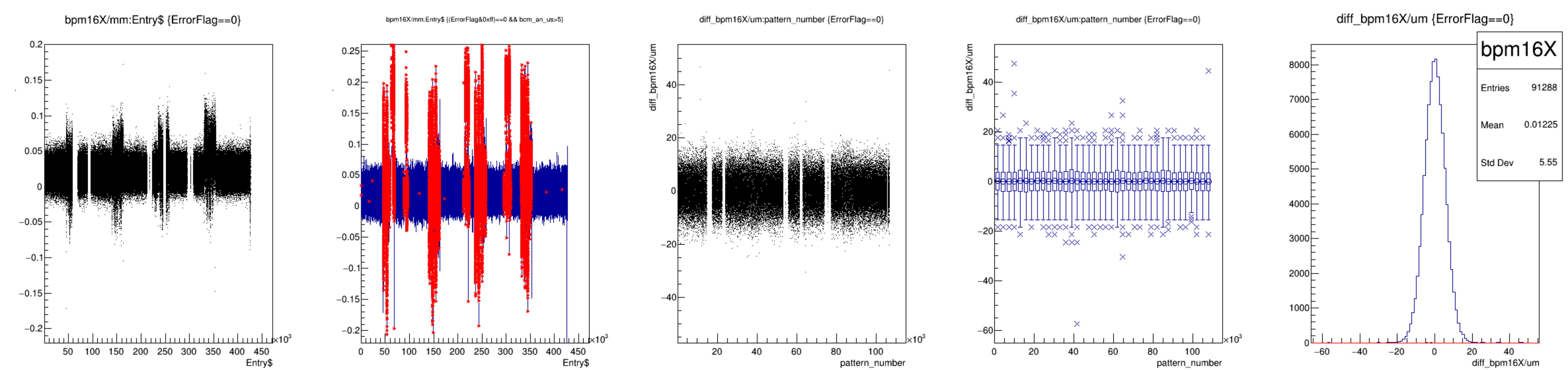




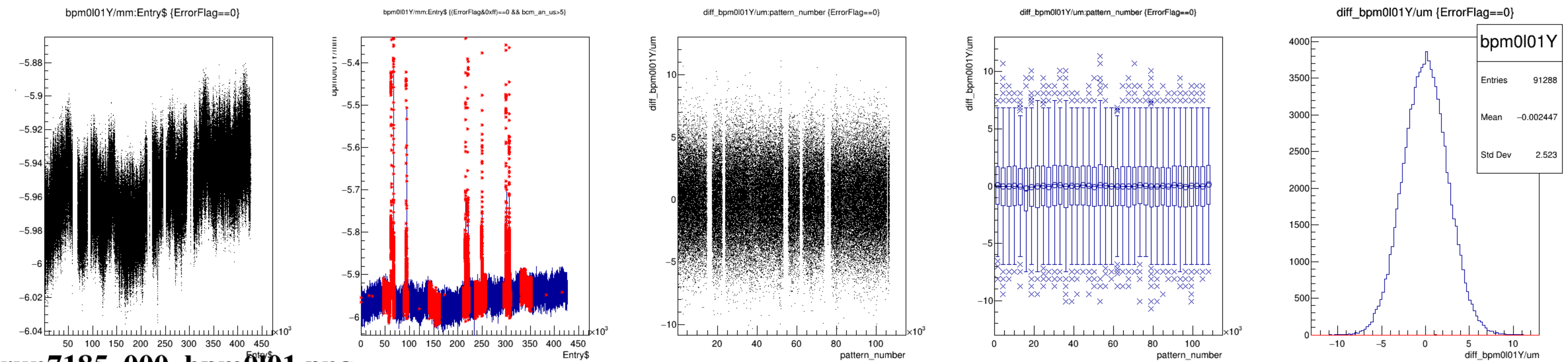
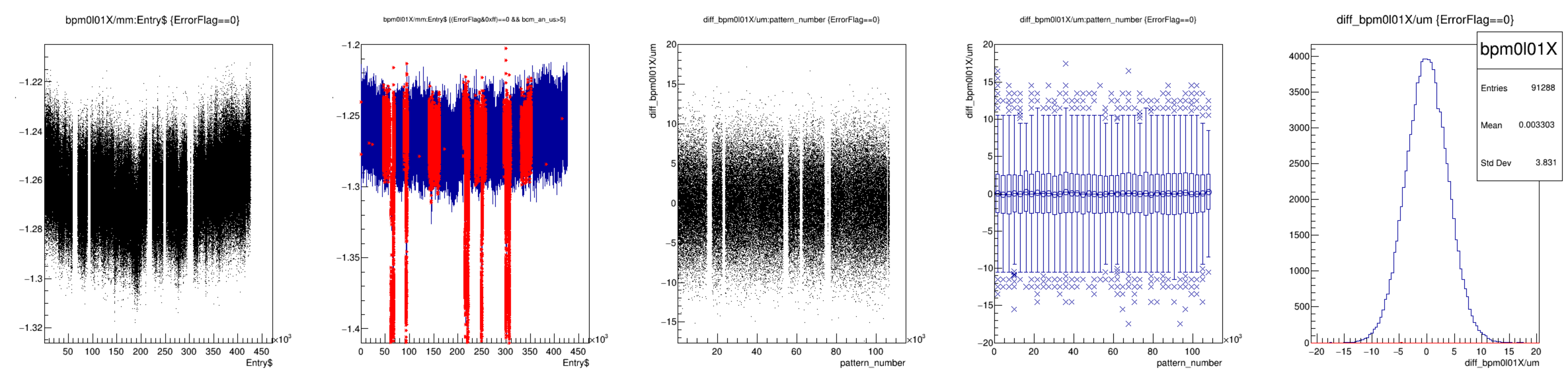




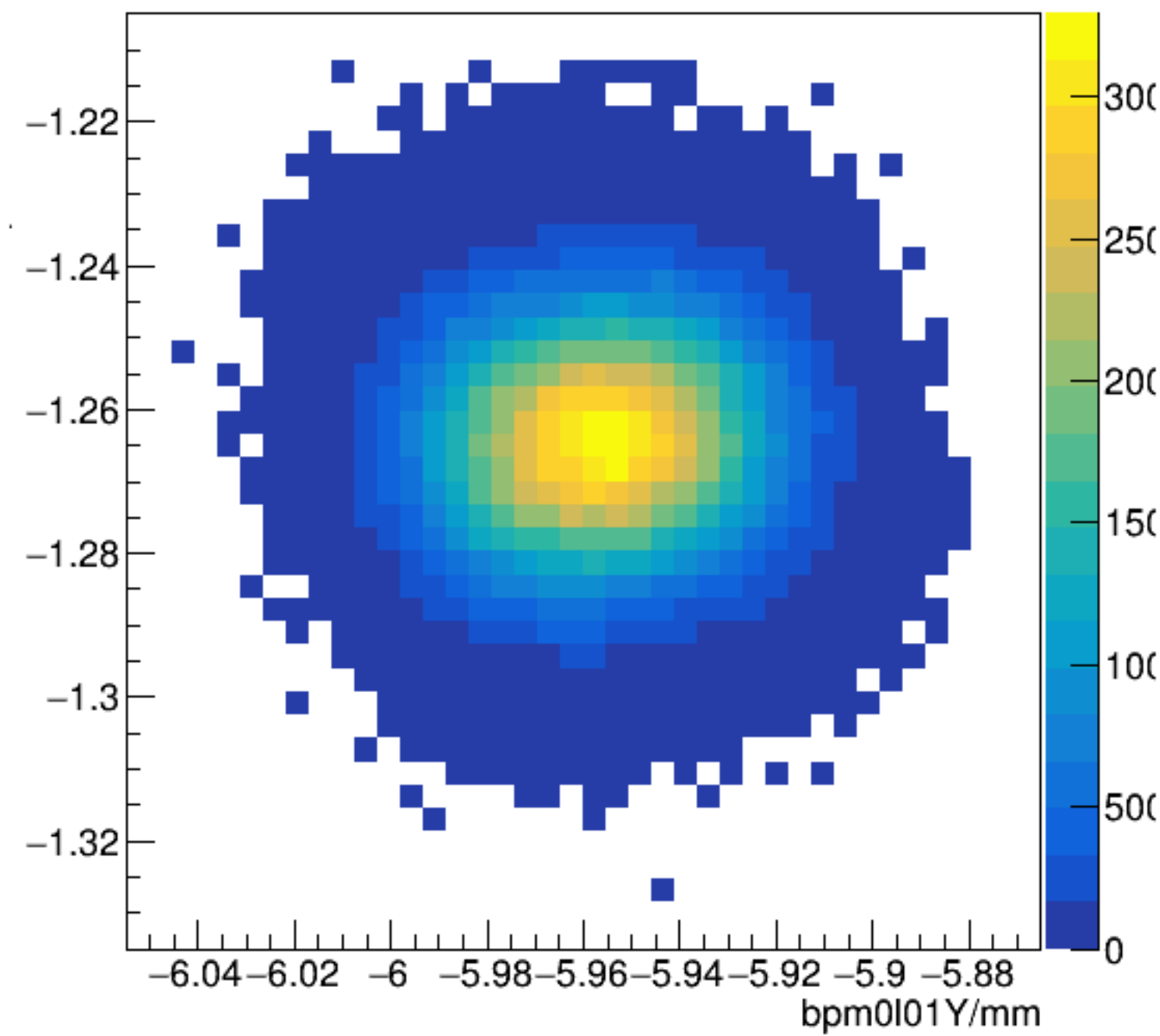
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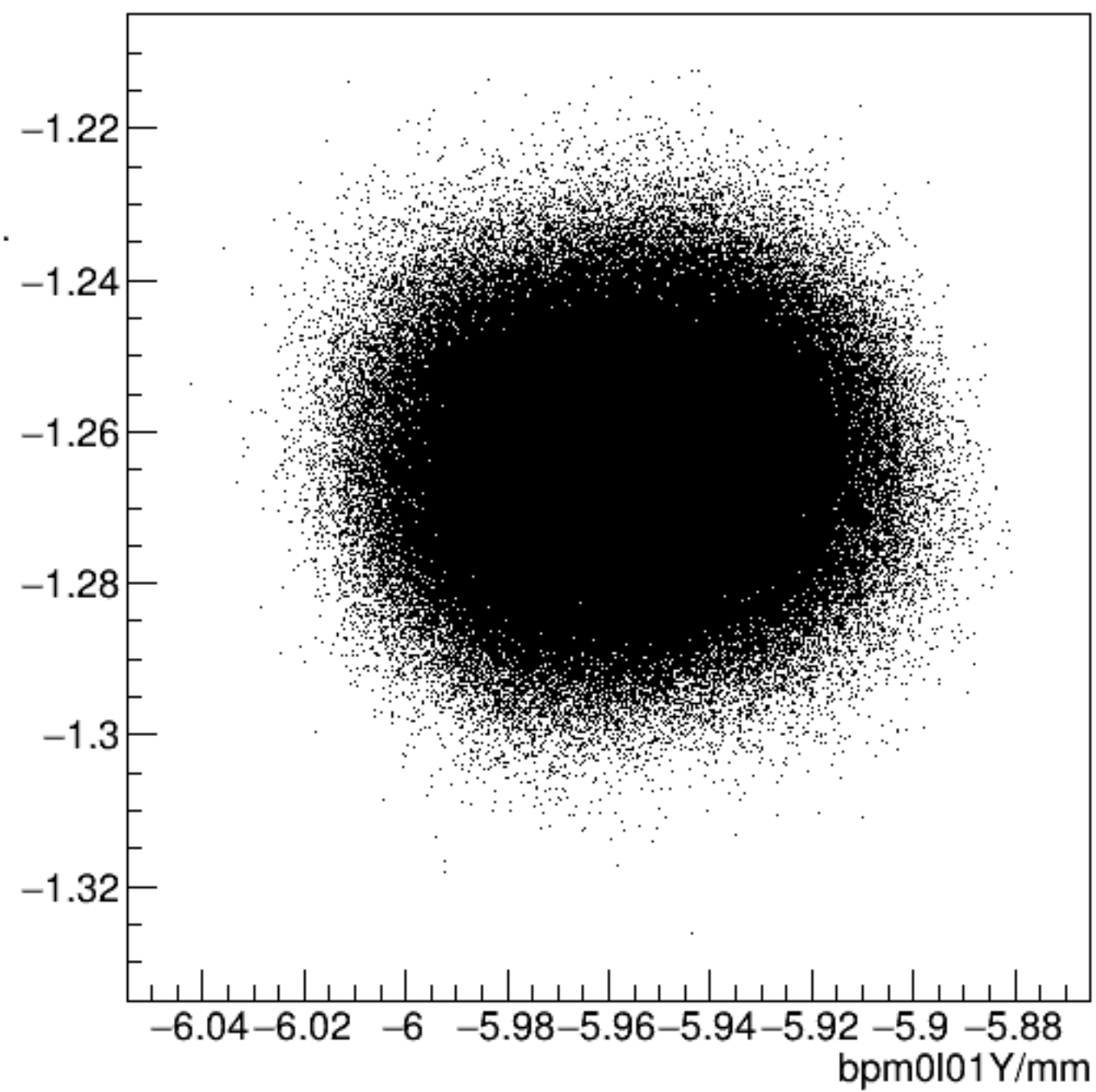
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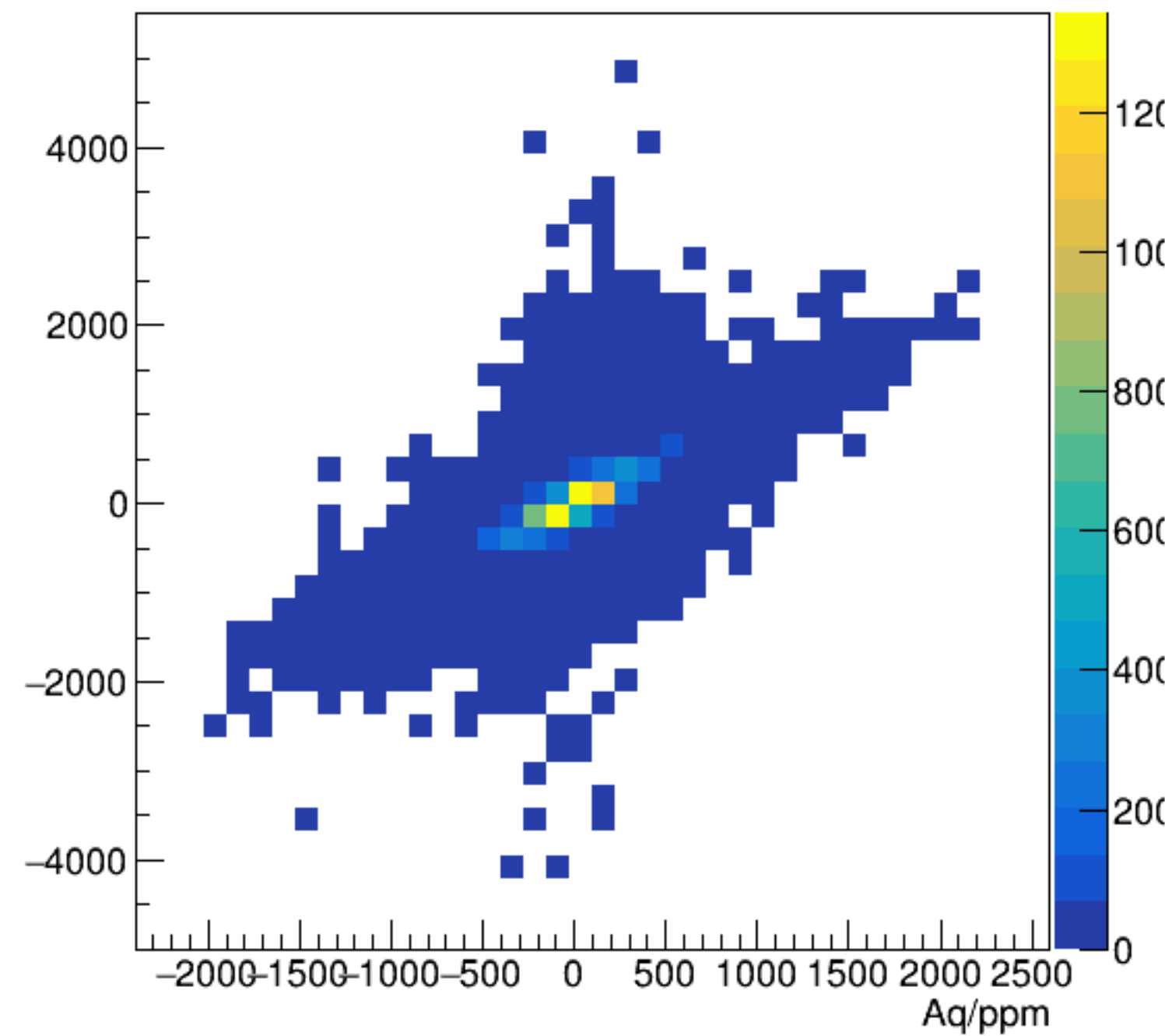
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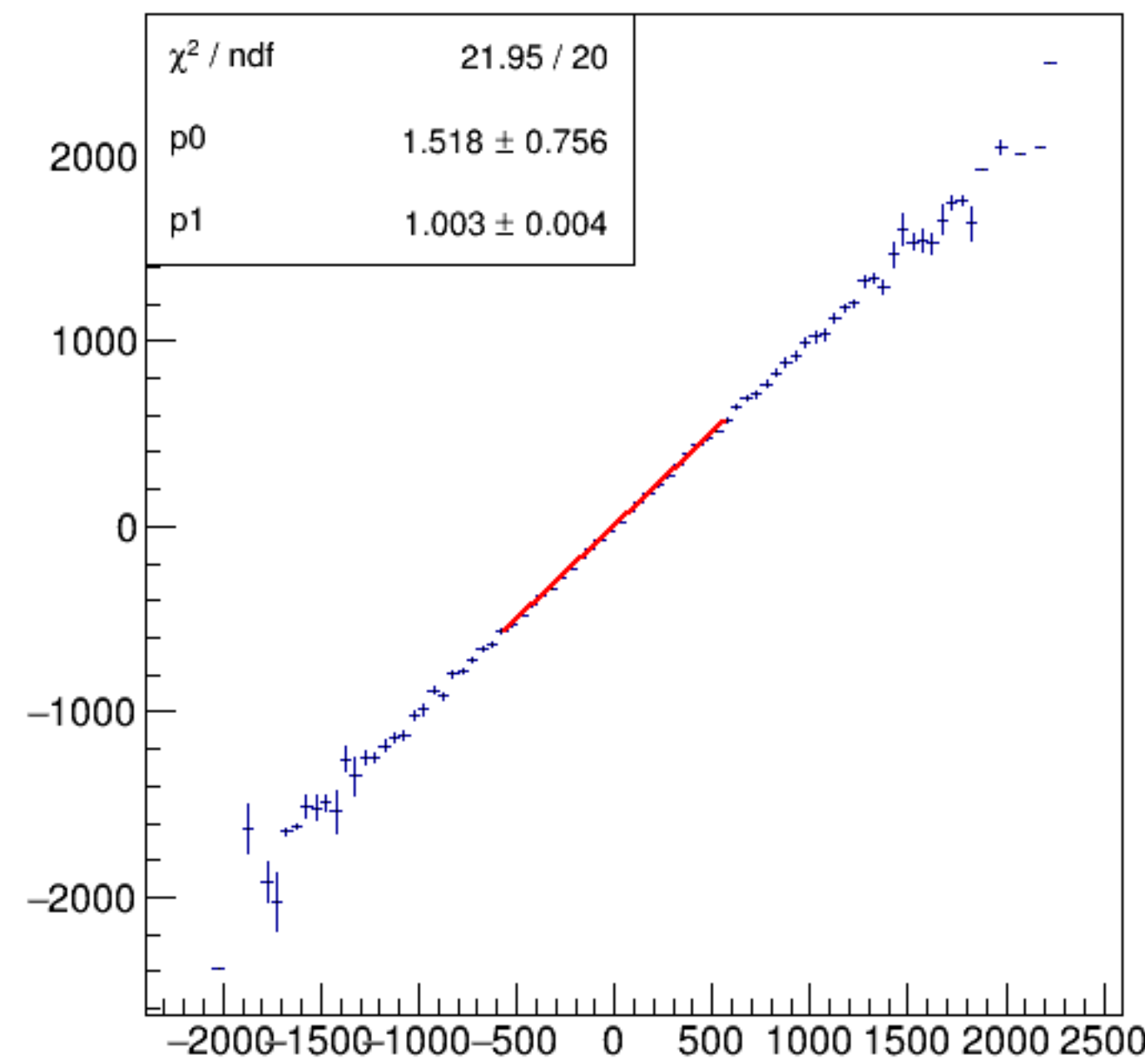
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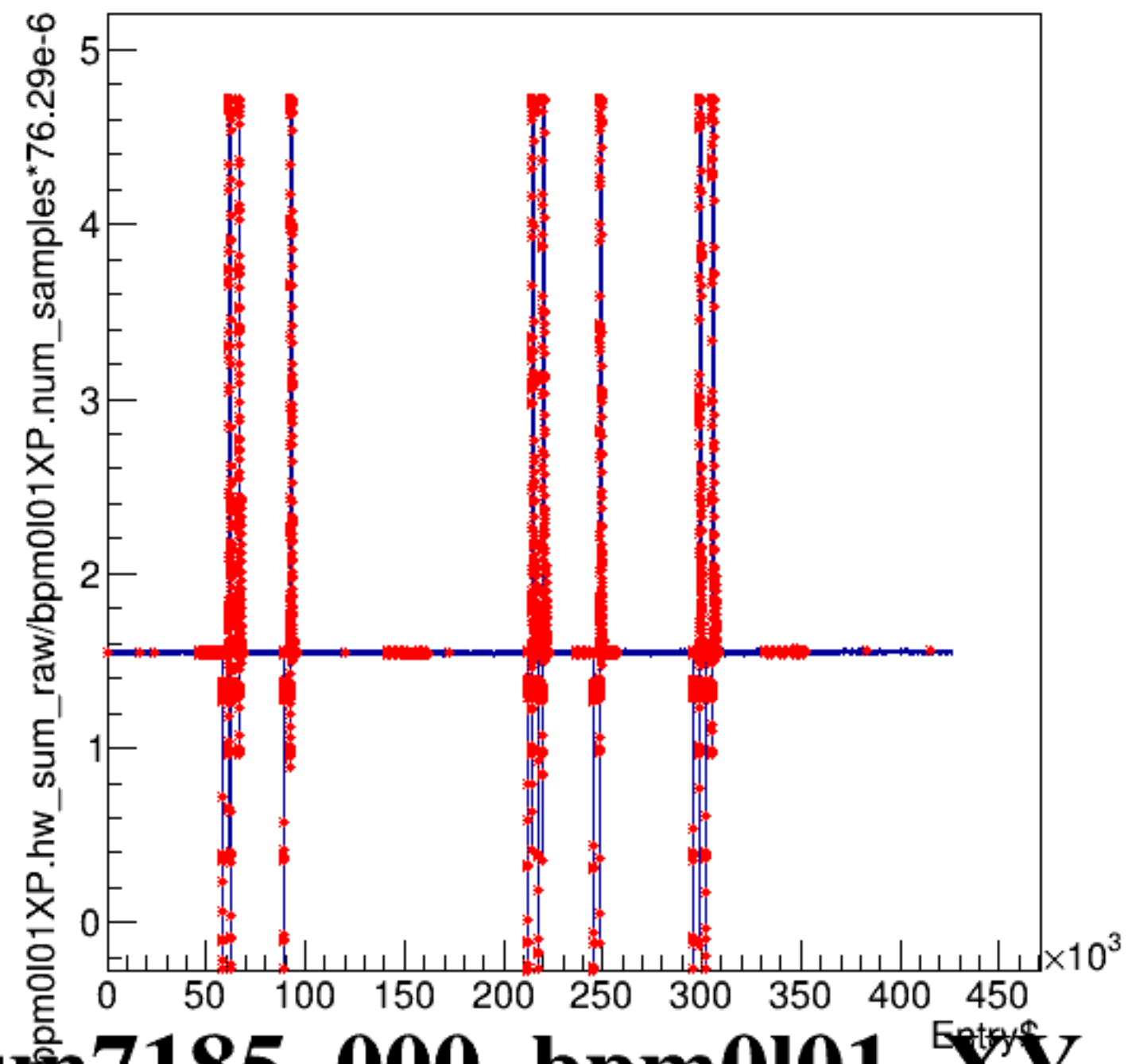
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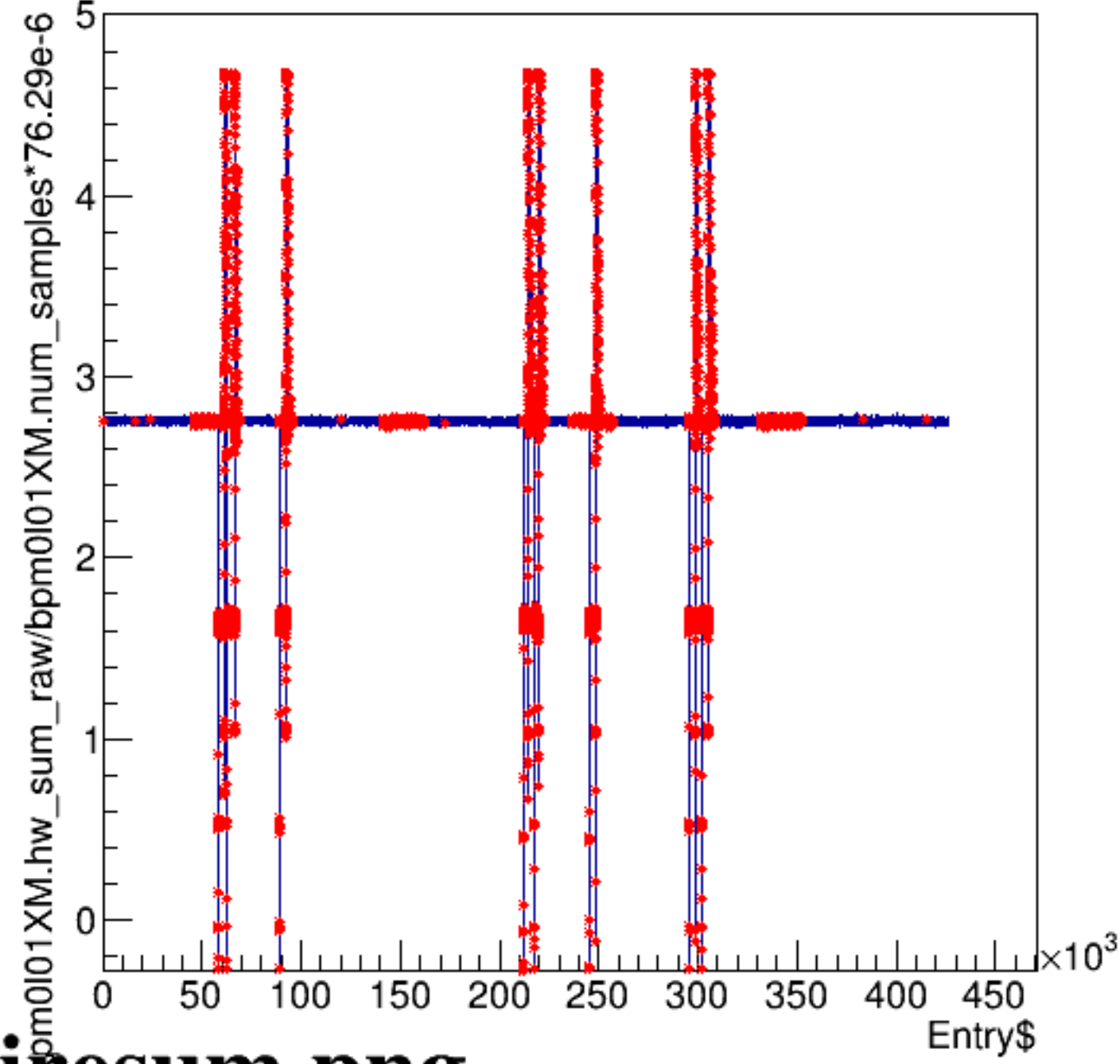
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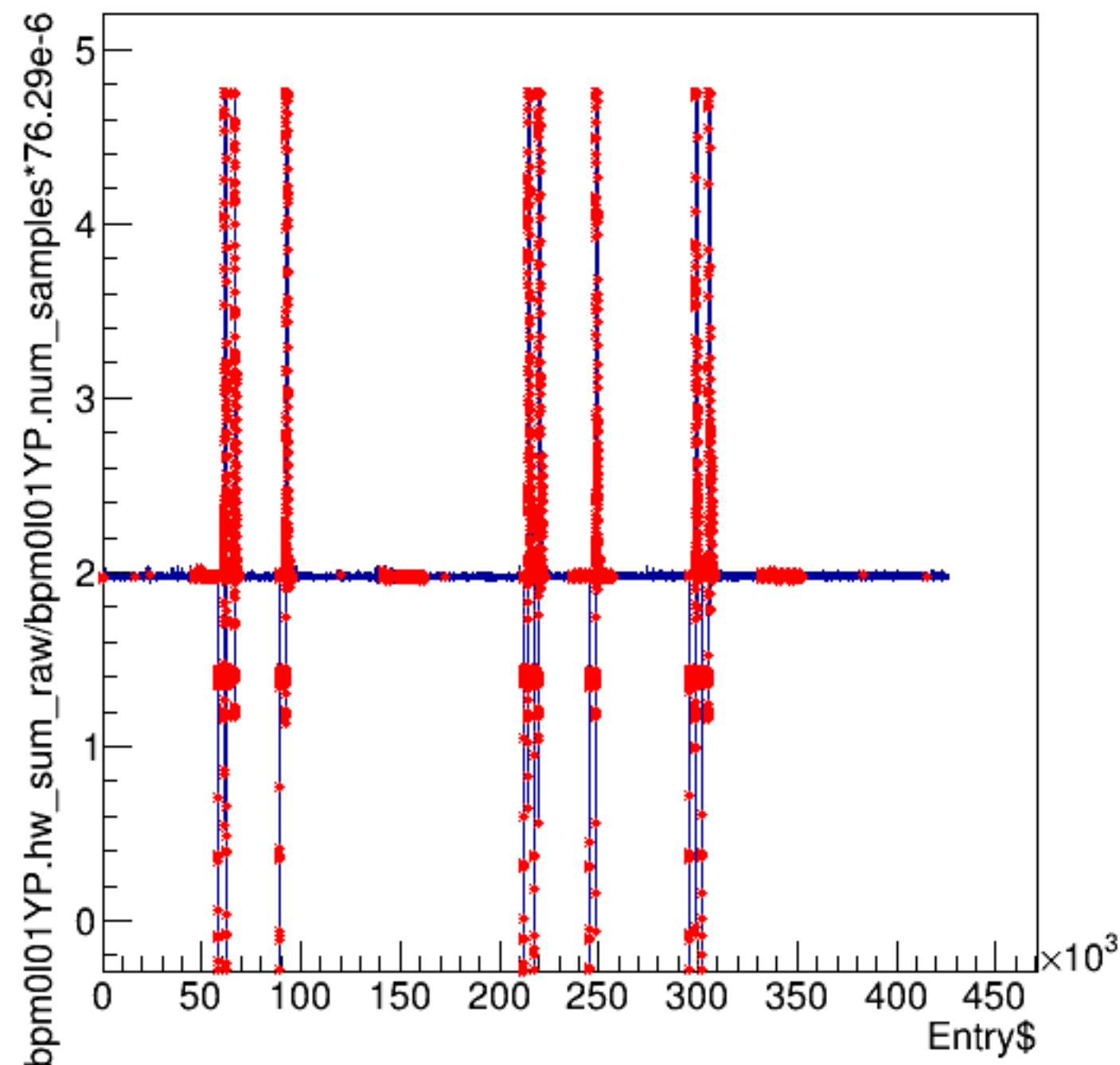
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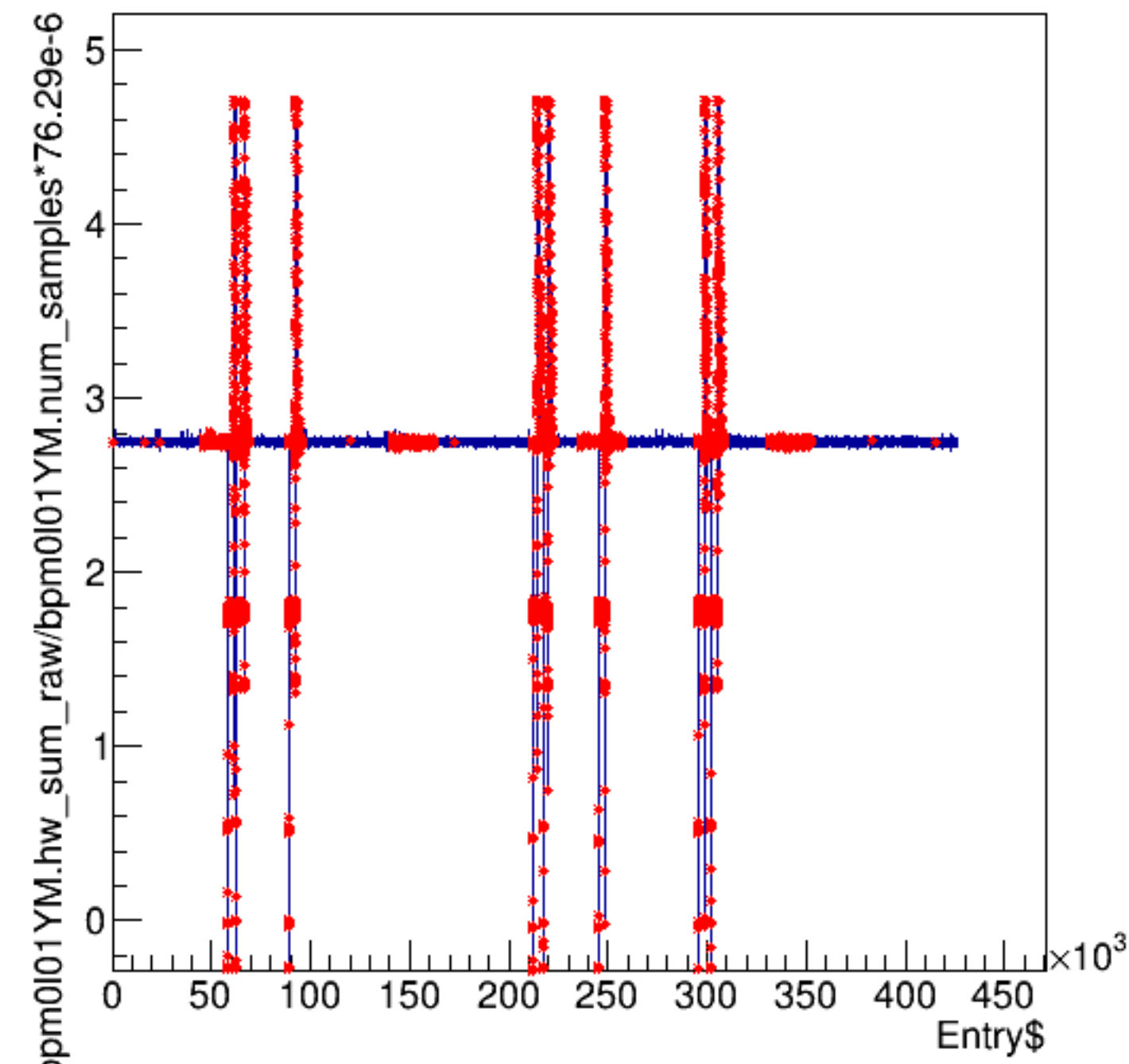
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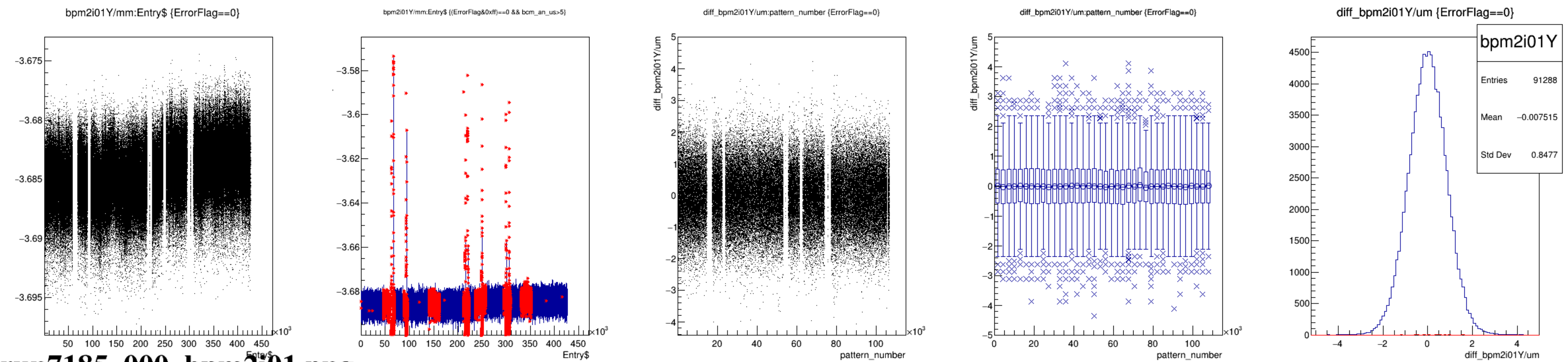
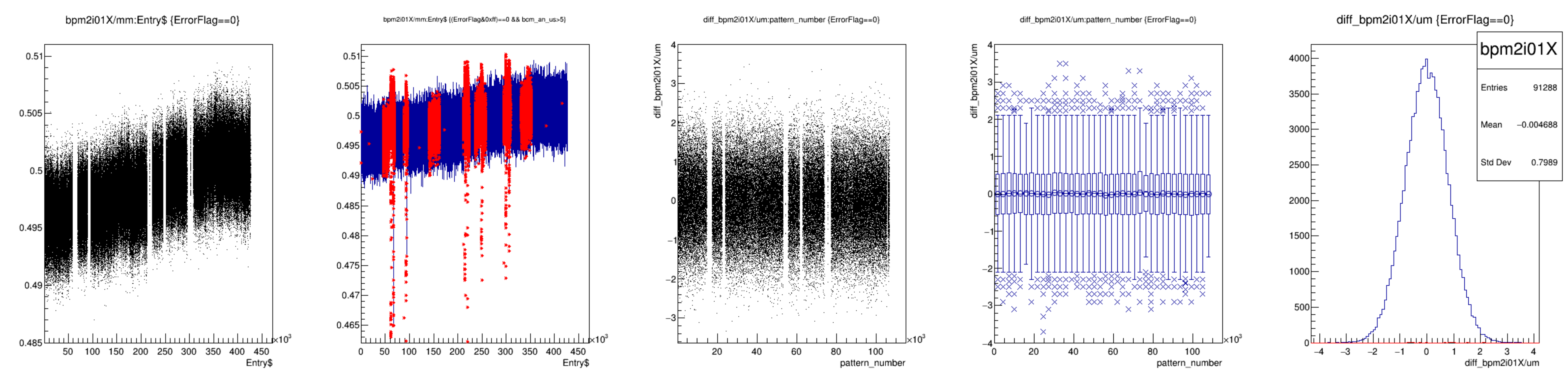


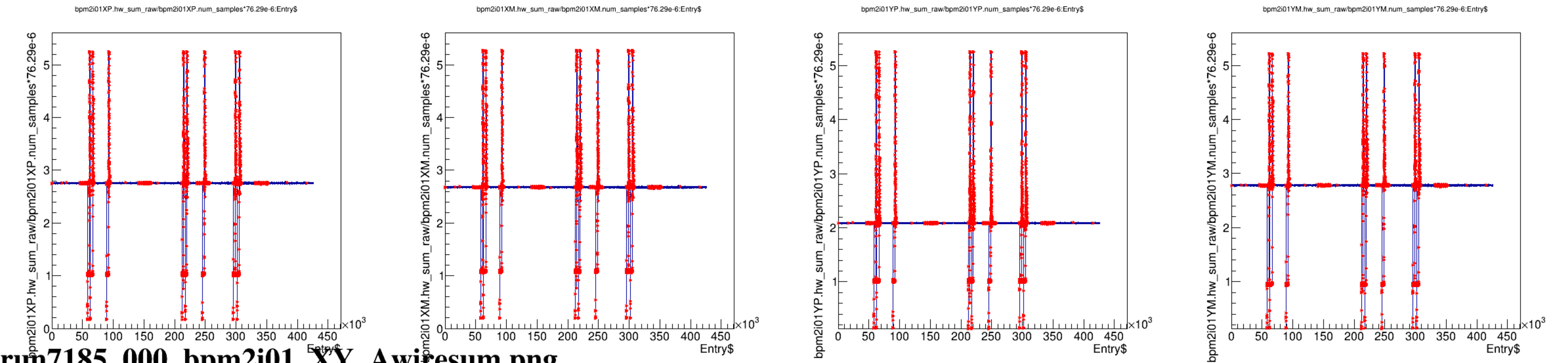
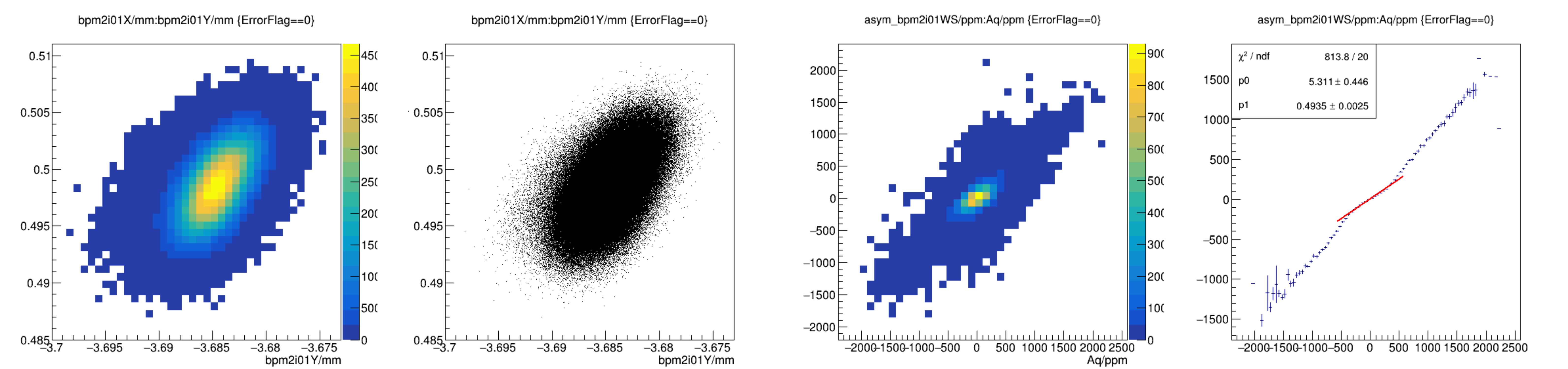
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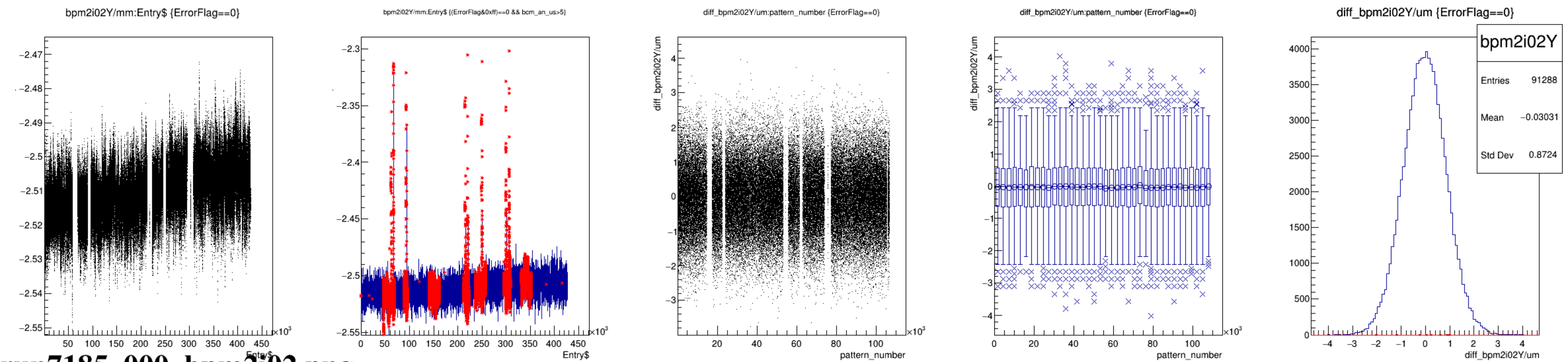
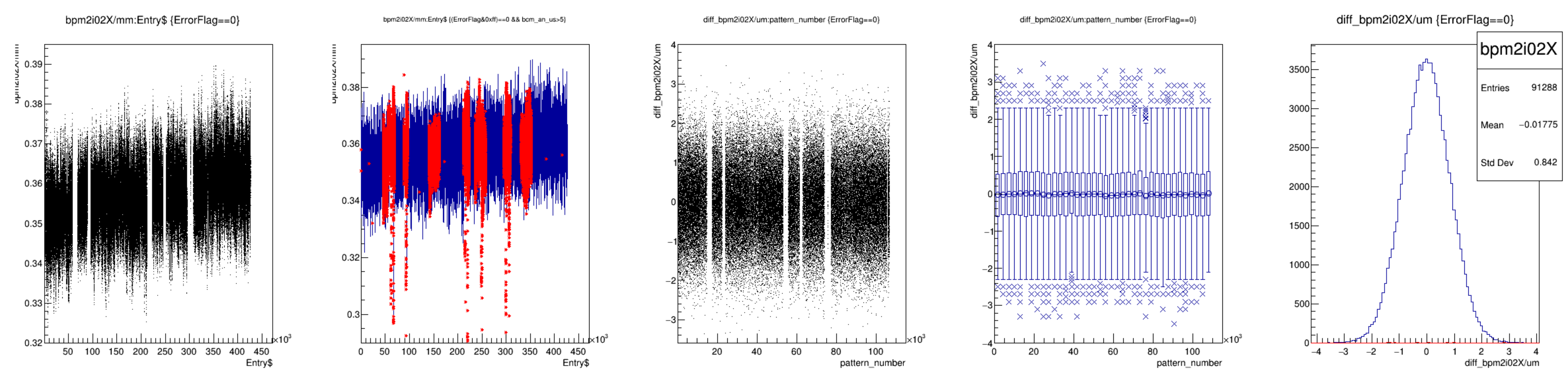


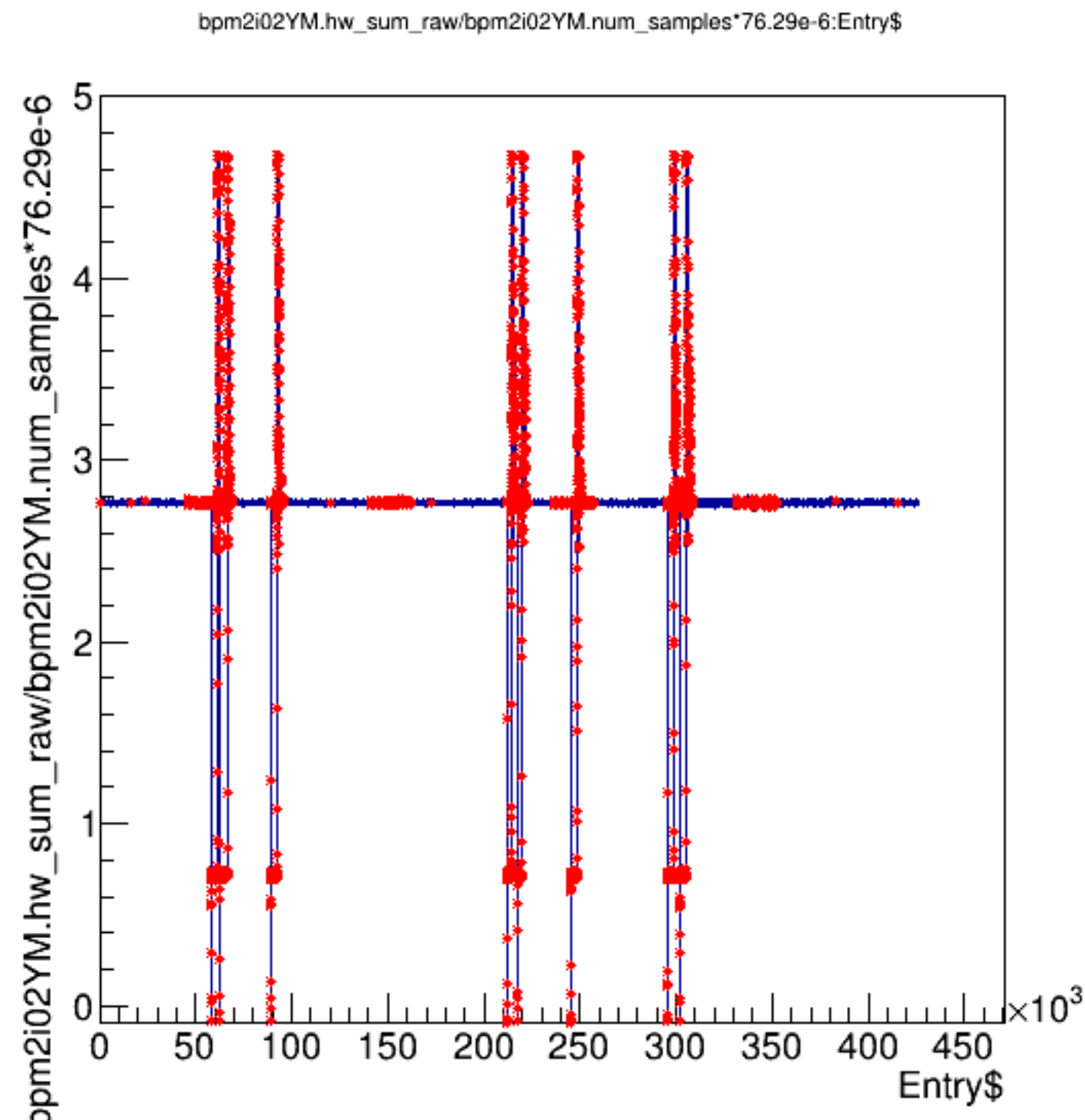
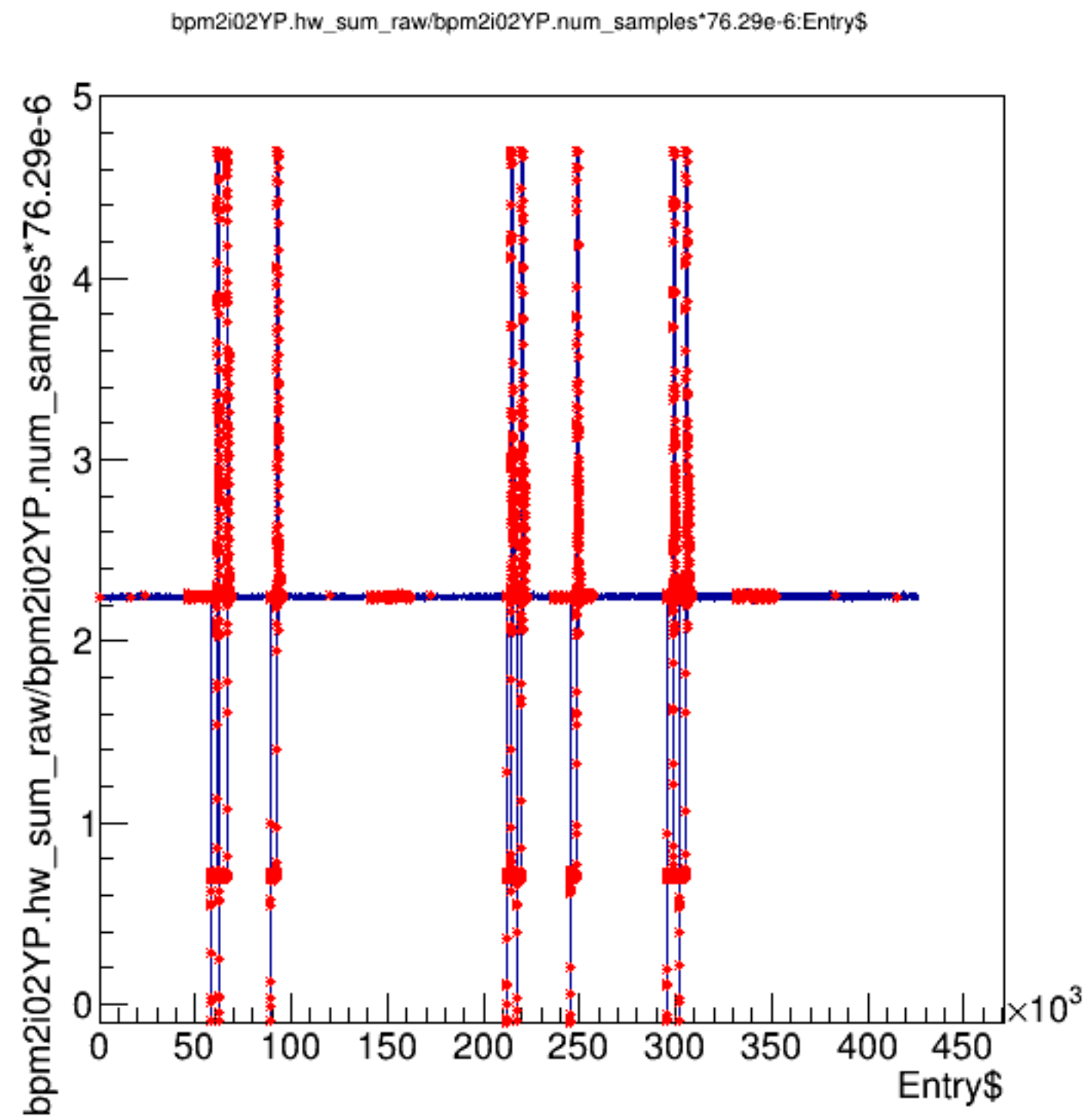
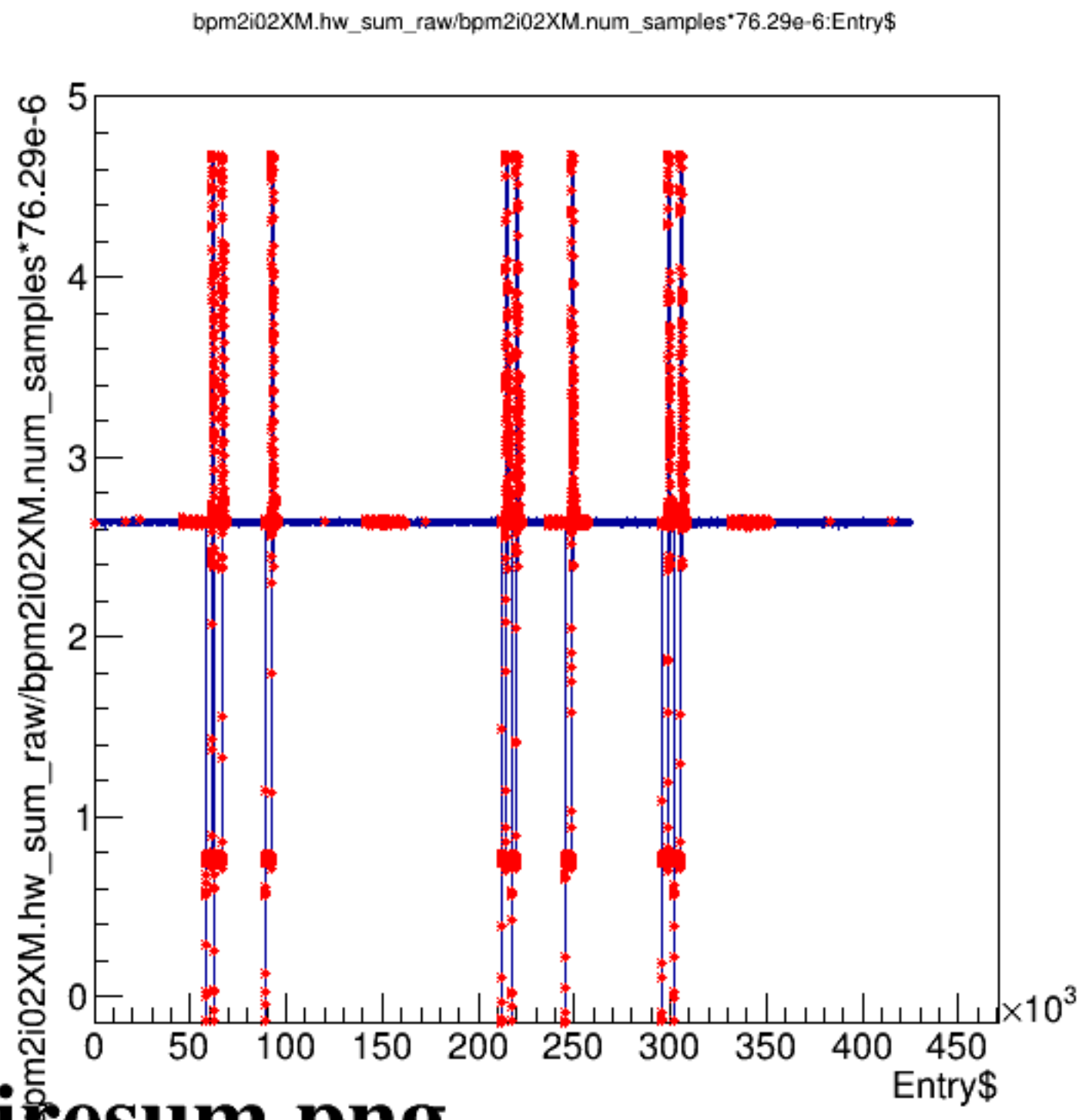
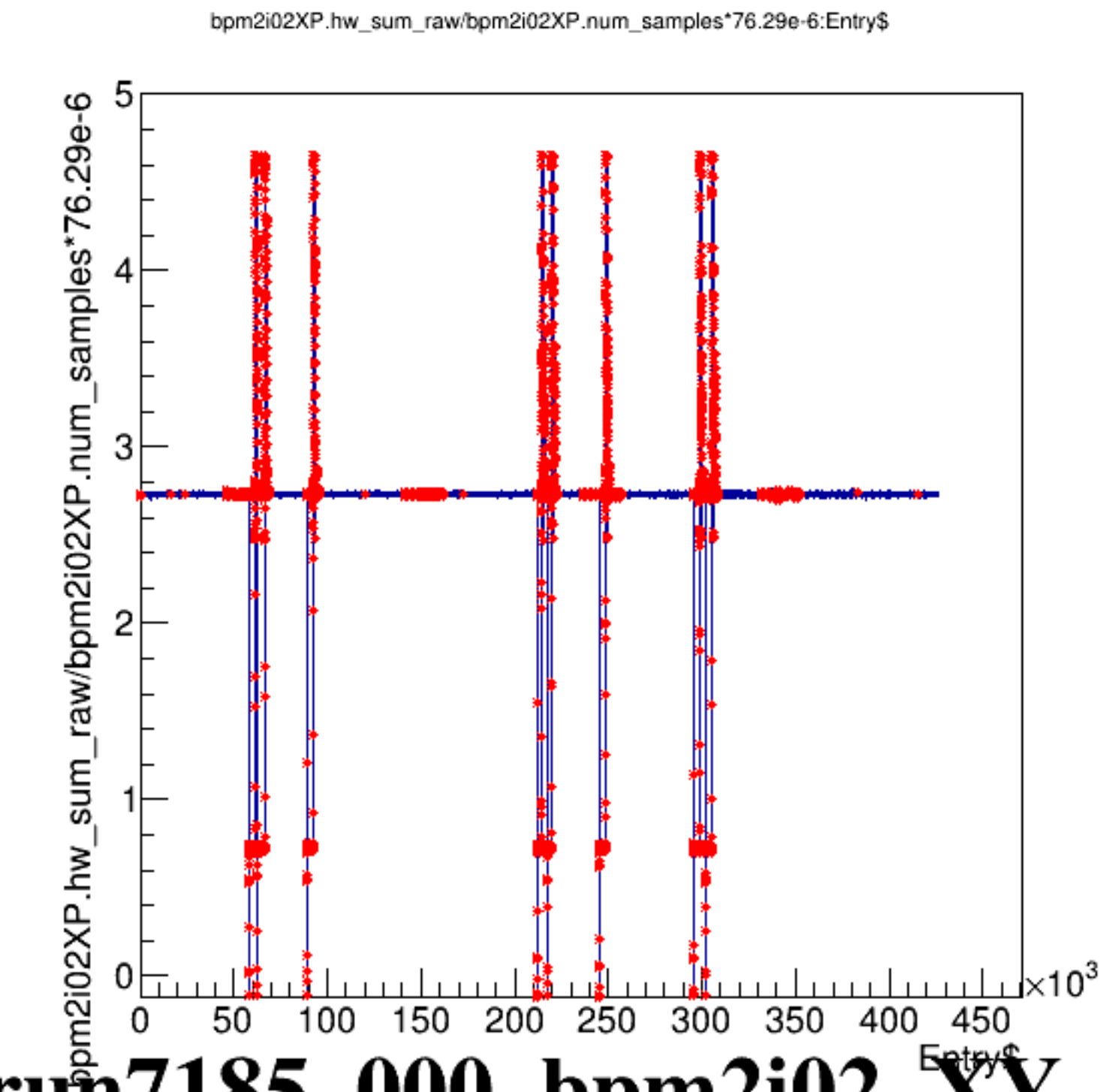
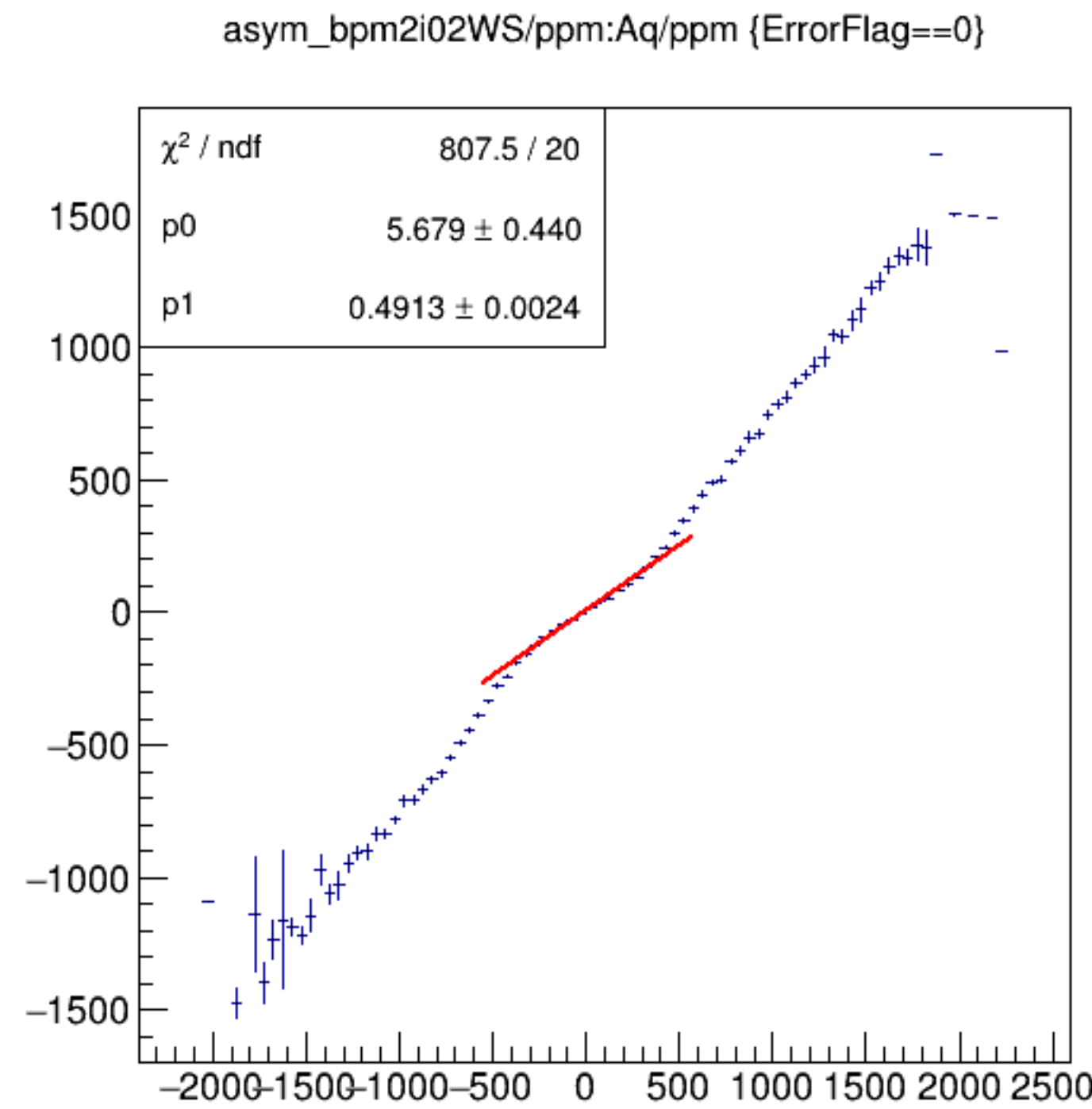
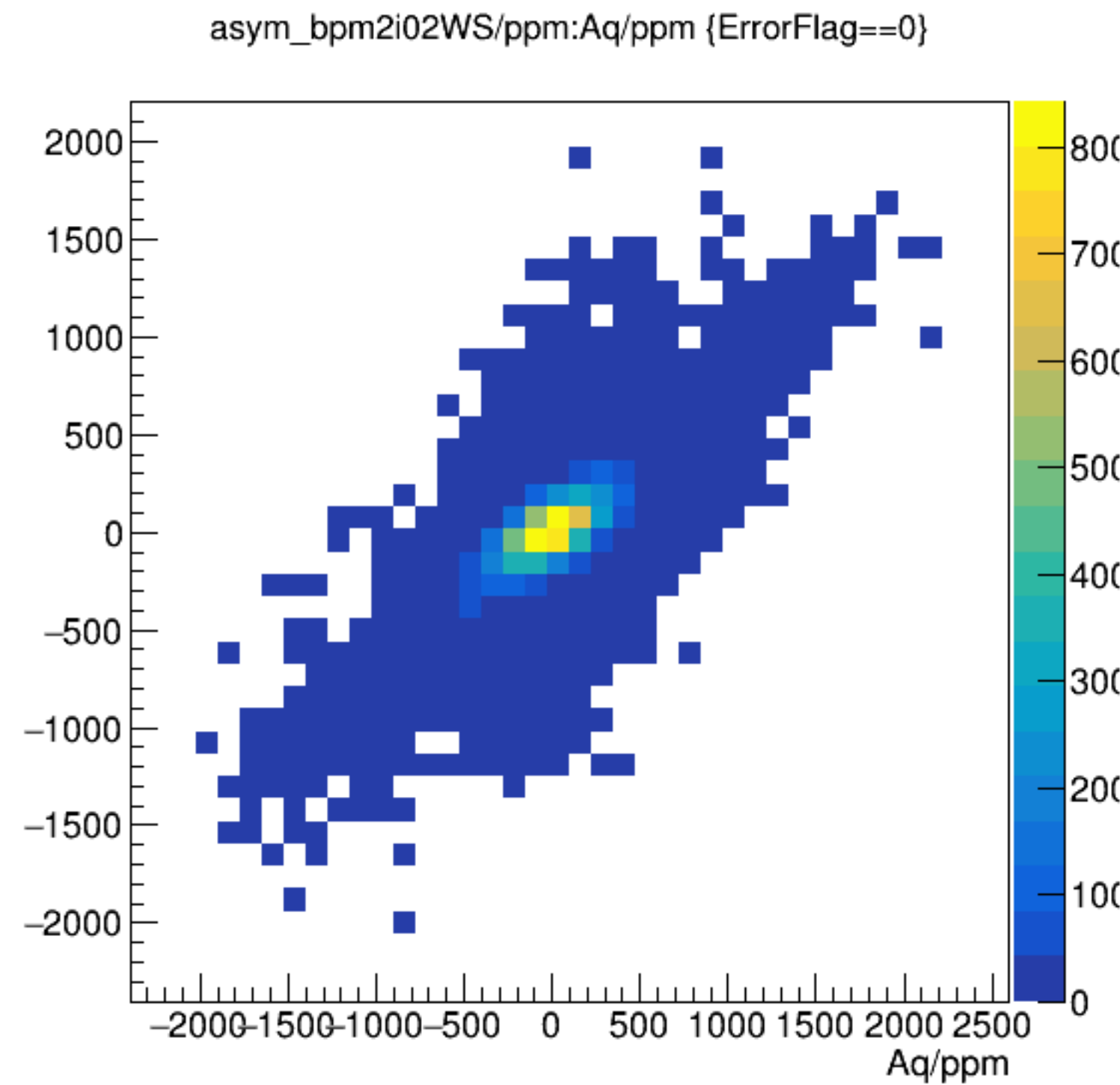
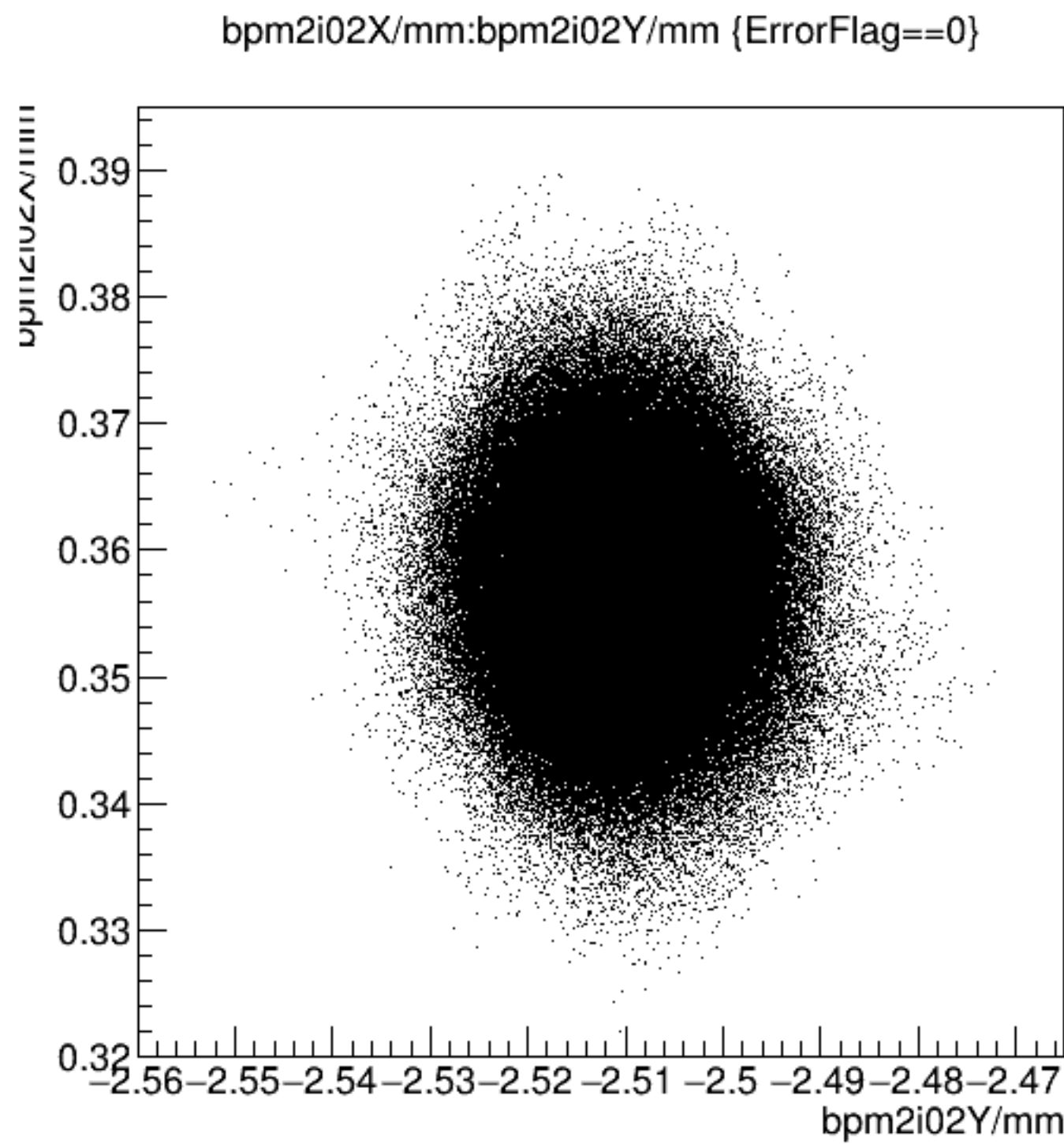
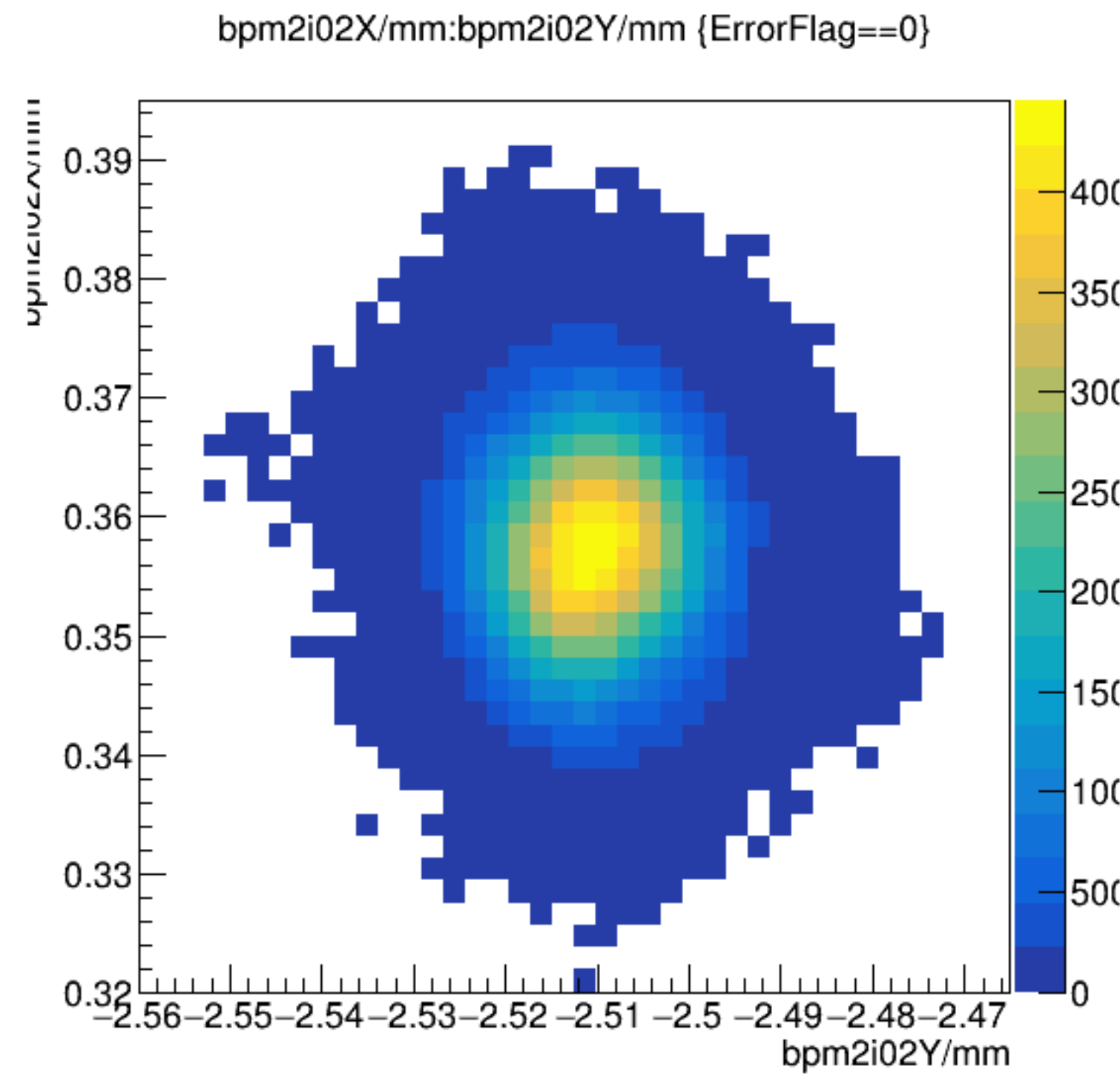
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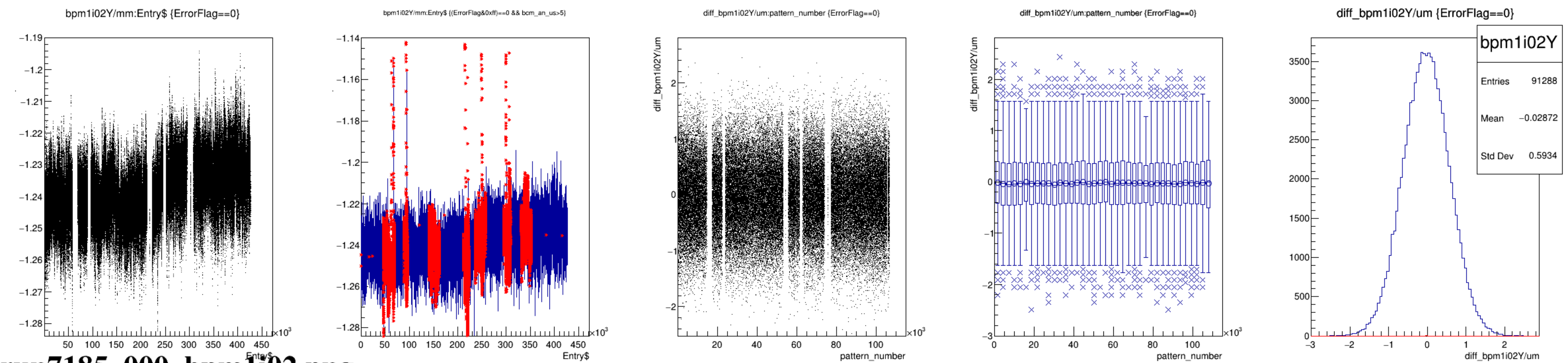
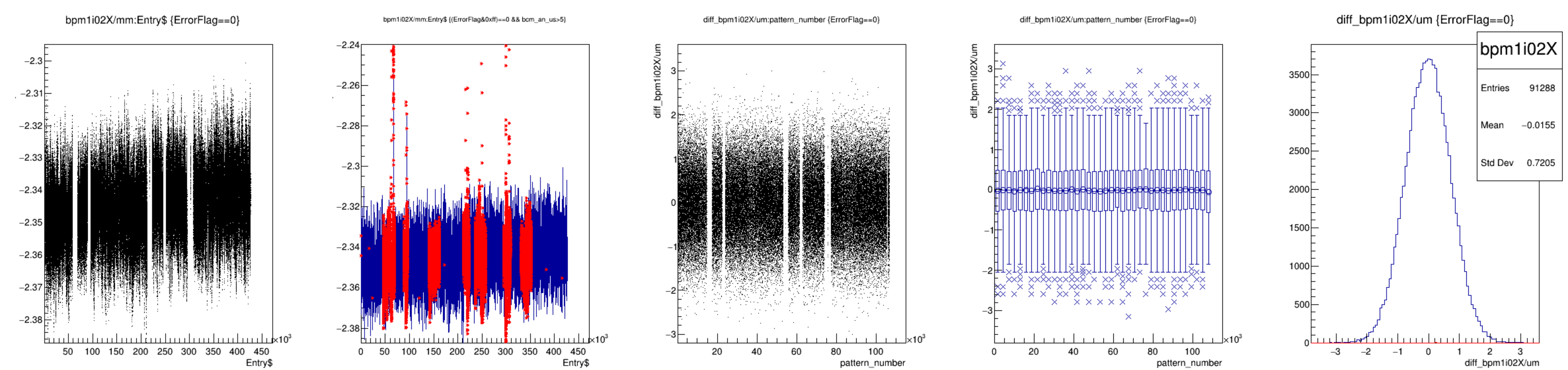




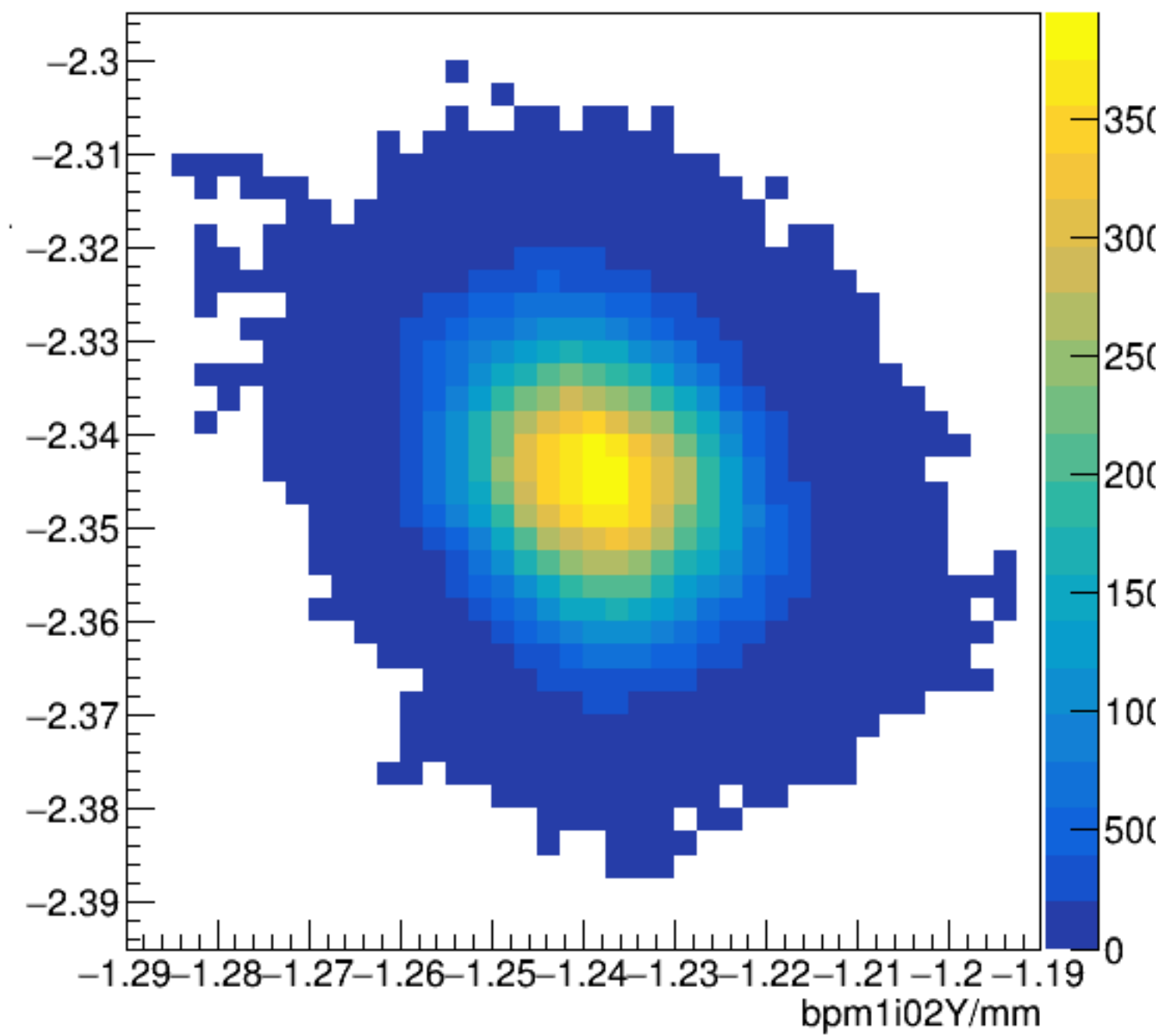




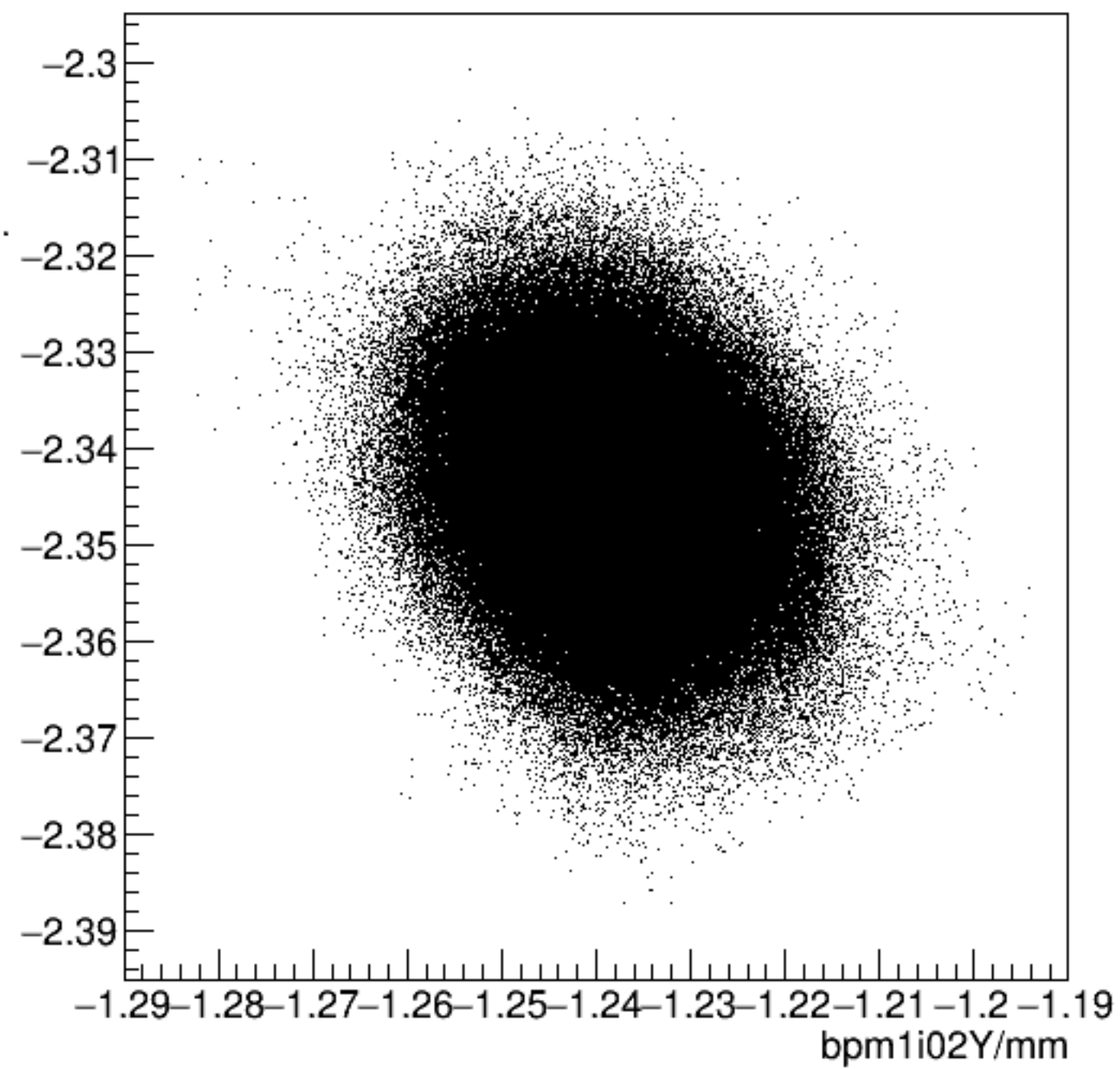




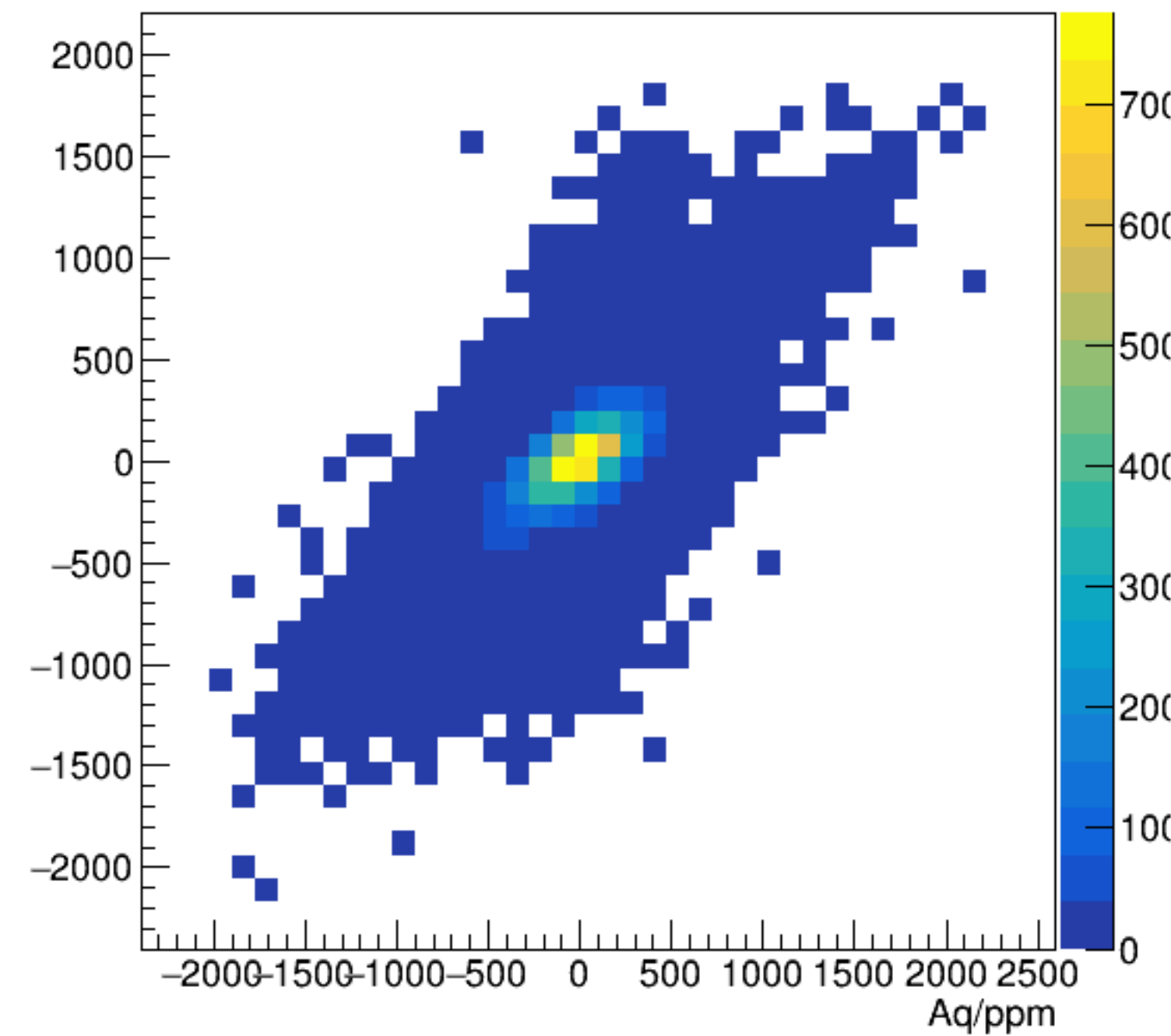
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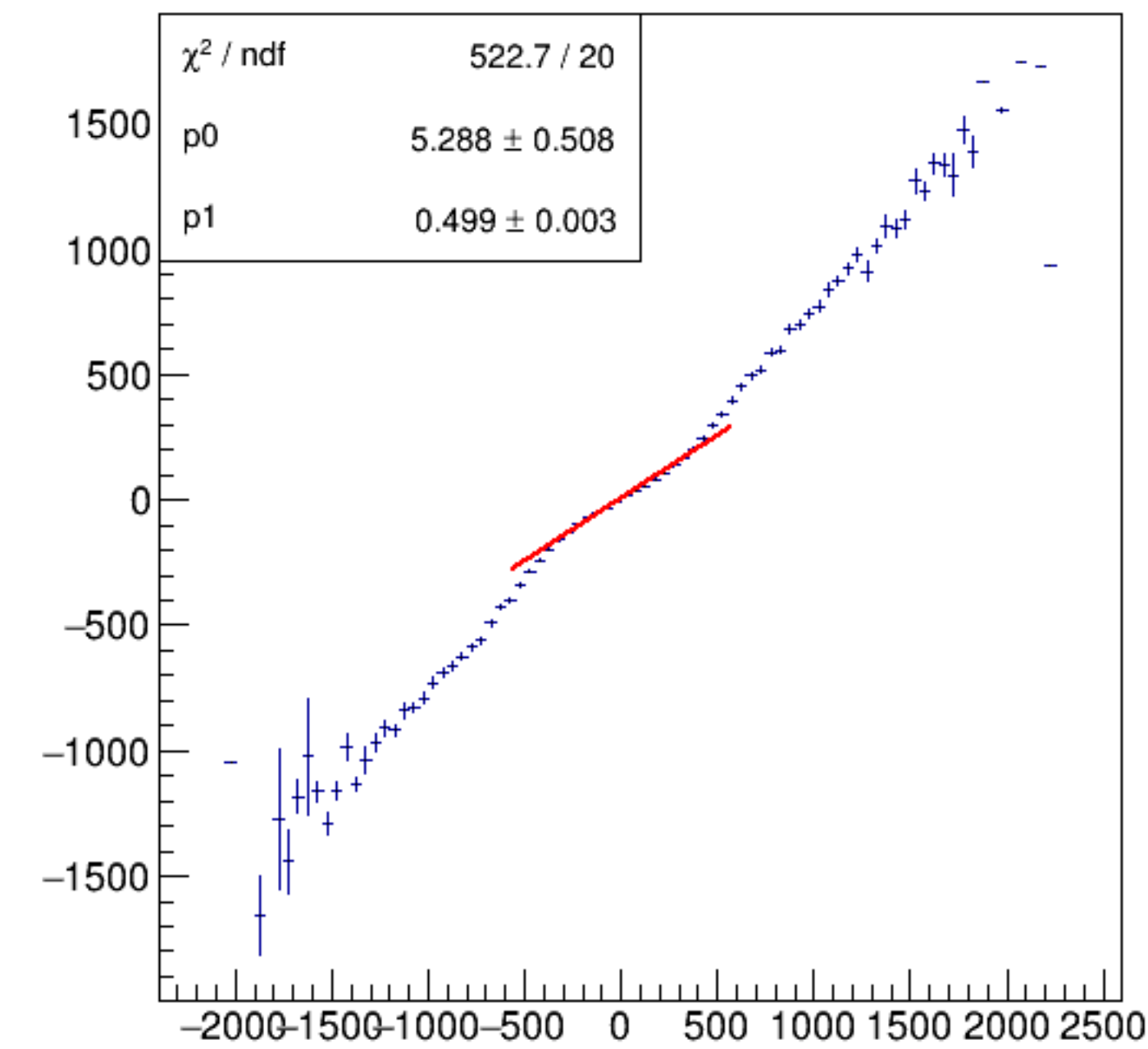
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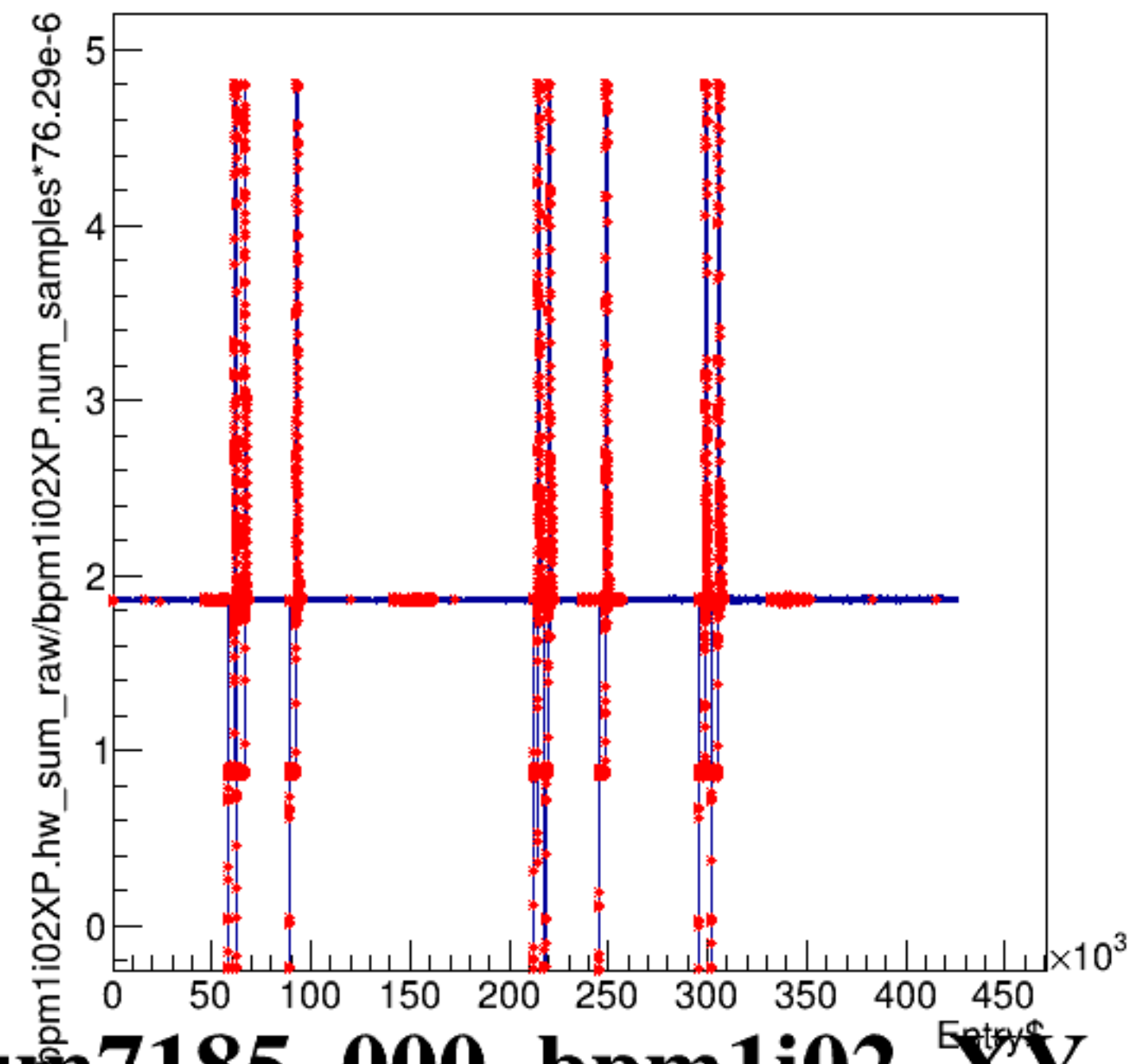
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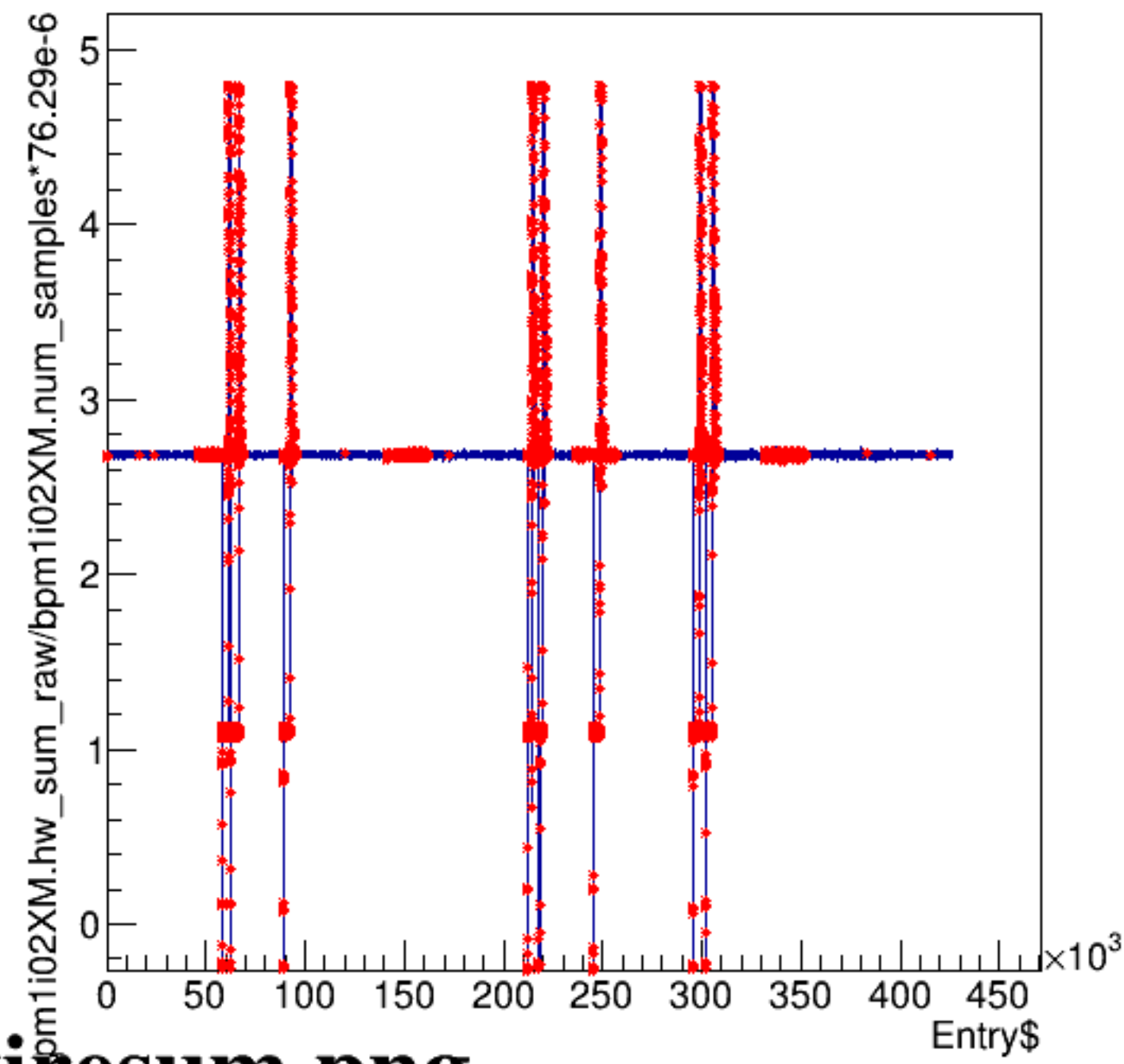
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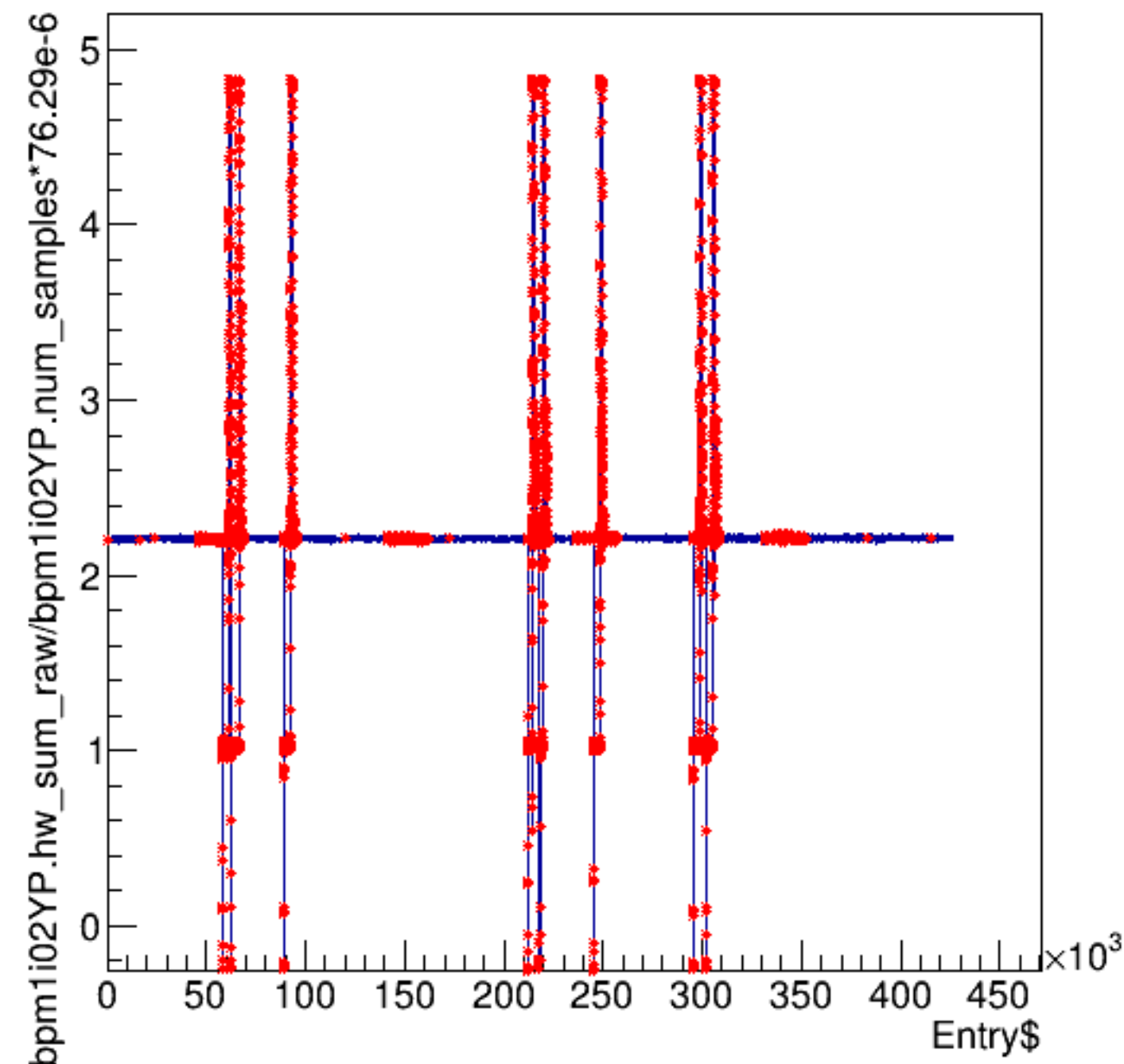
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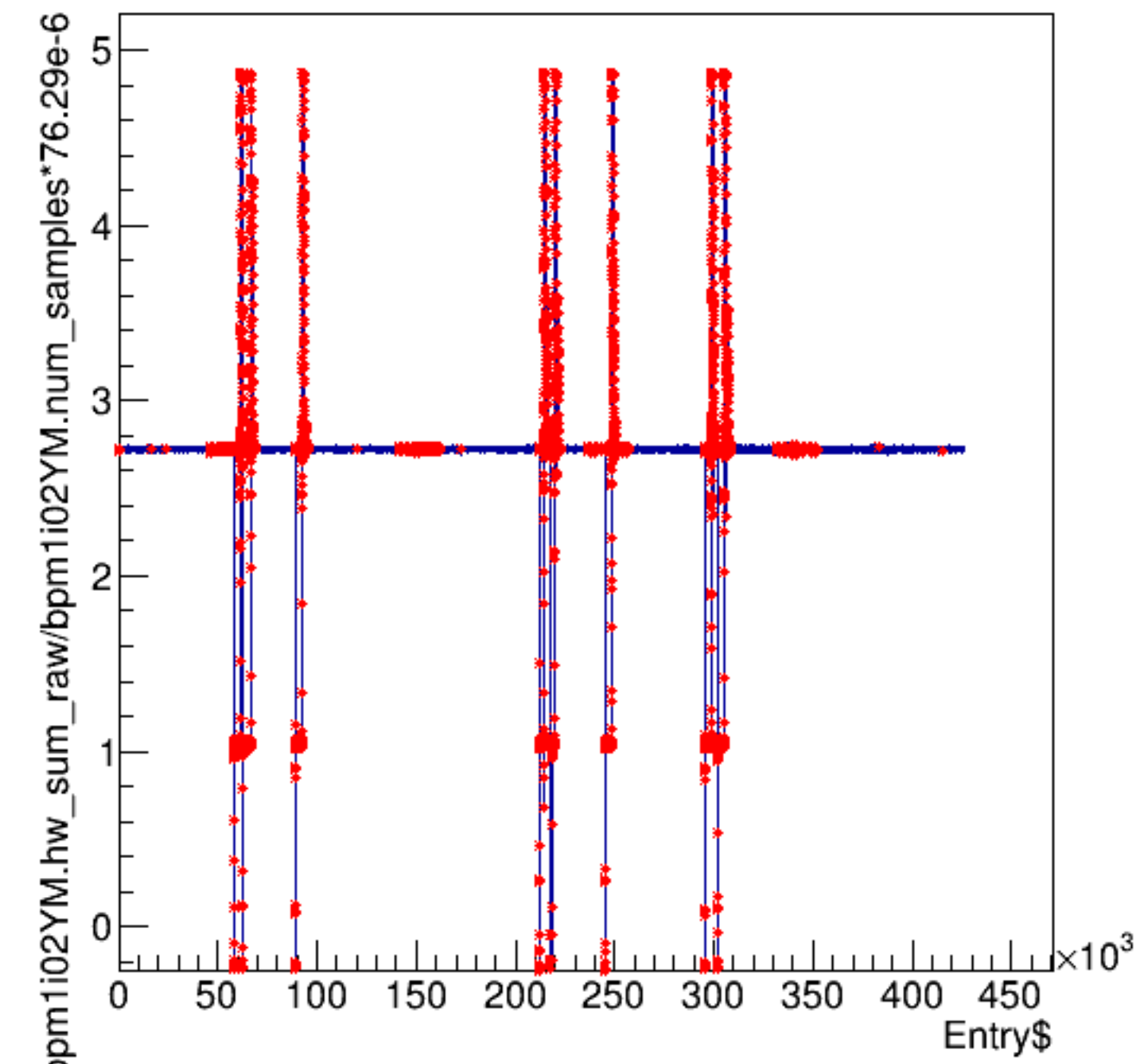
bpm1i02XM.hw_sum_raw/bpm1i02XM.num_samples*76.29e-6:Entry\$

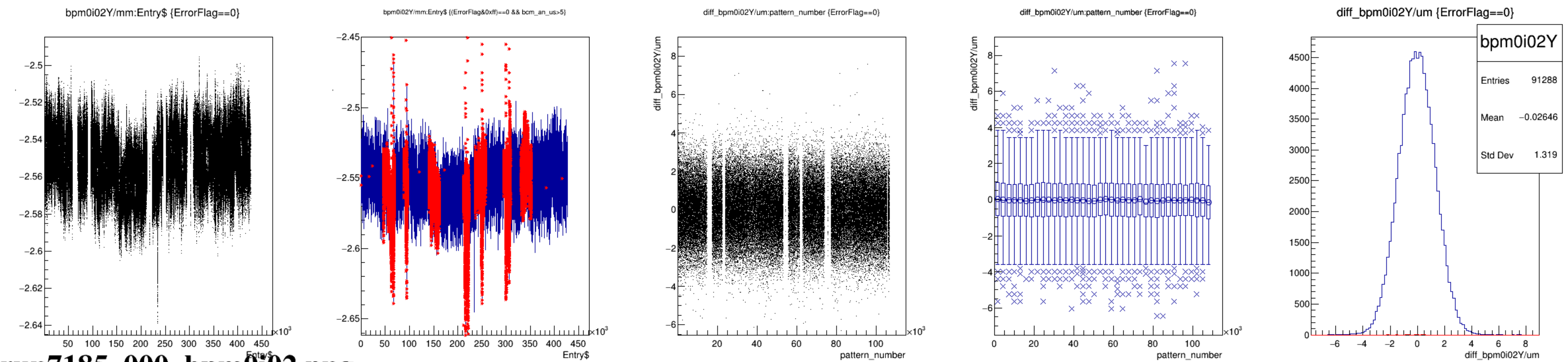
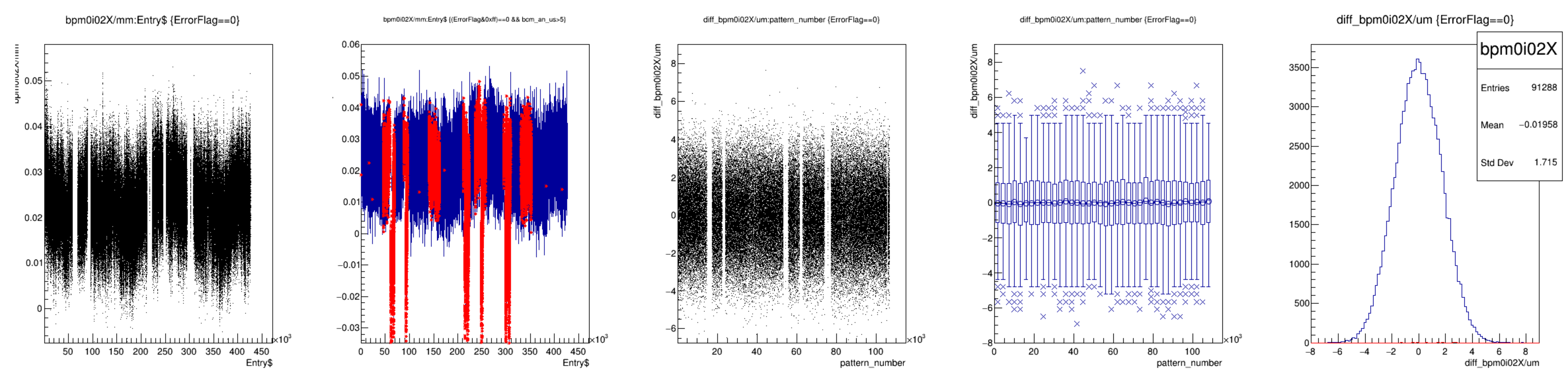


bpm1i02YP.hw_sum_raw/bpm1i02YP.num_samples*76.29e-6:Entry\$

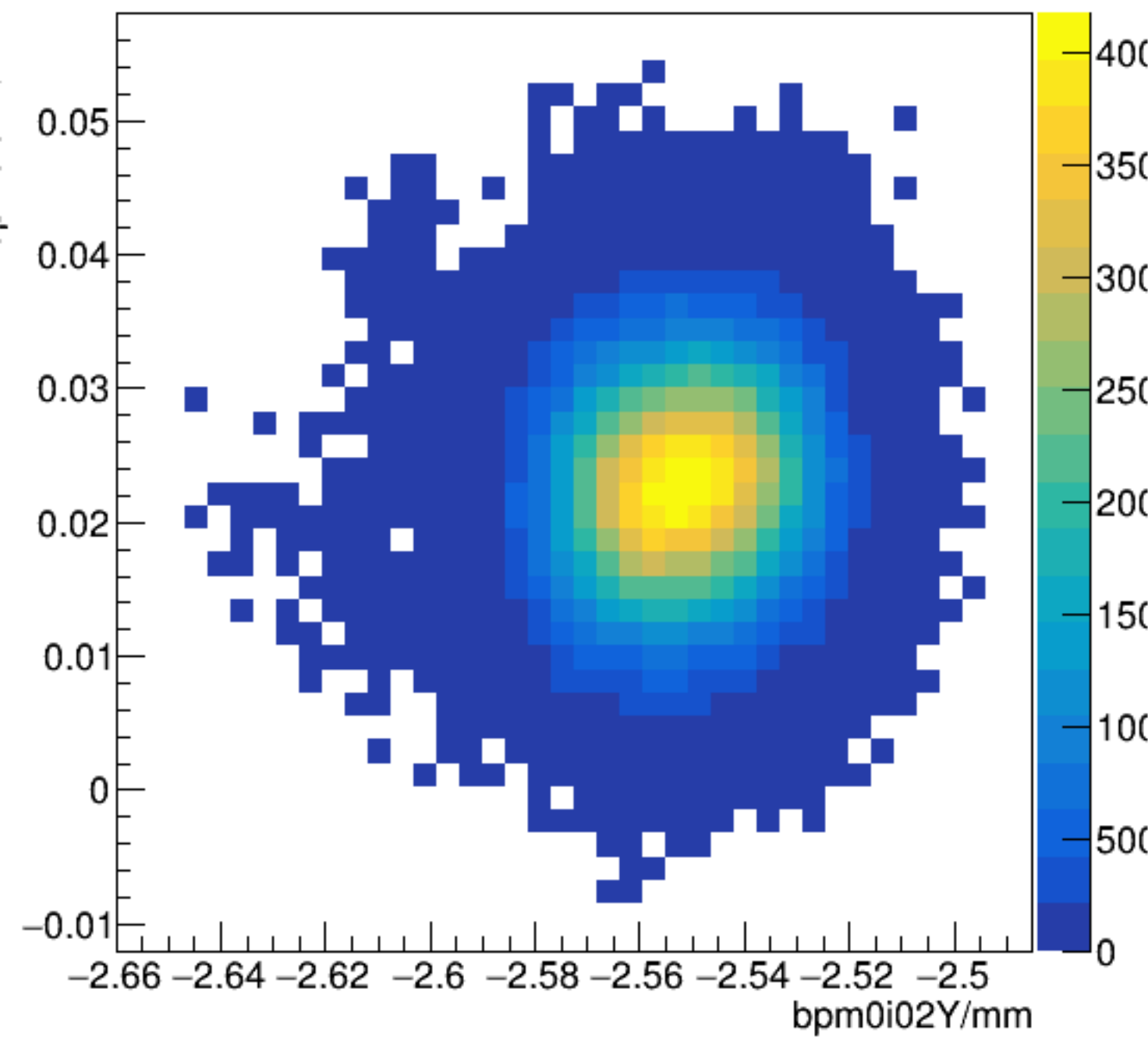


bpm1i02YM.hw_sum_raw/bpm1i02YM.num_samples*76.29e-6:Entry\$

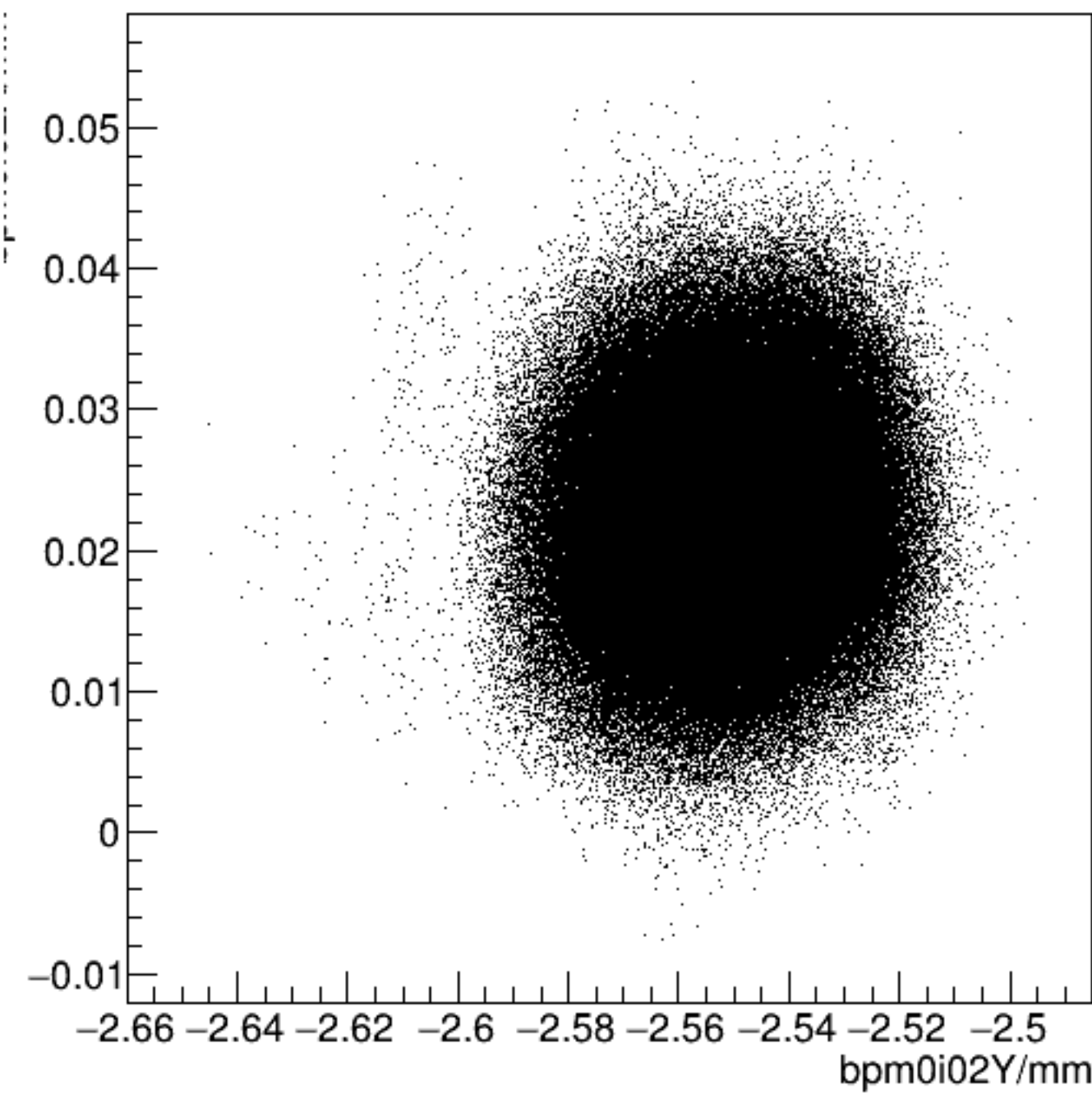




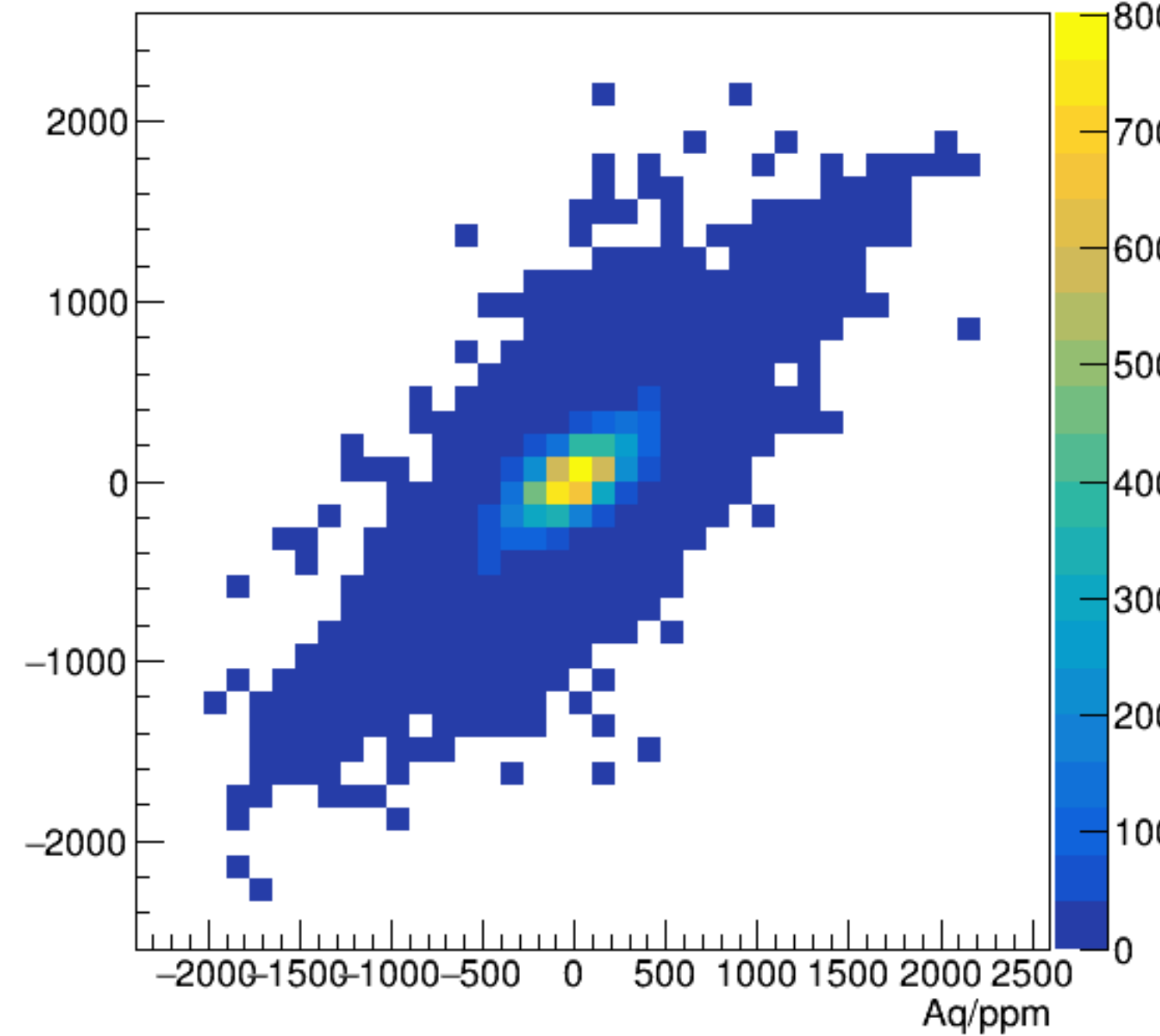
bpm0i02X/mm:bpm0i02Y/mm {ErrorFlag==0}



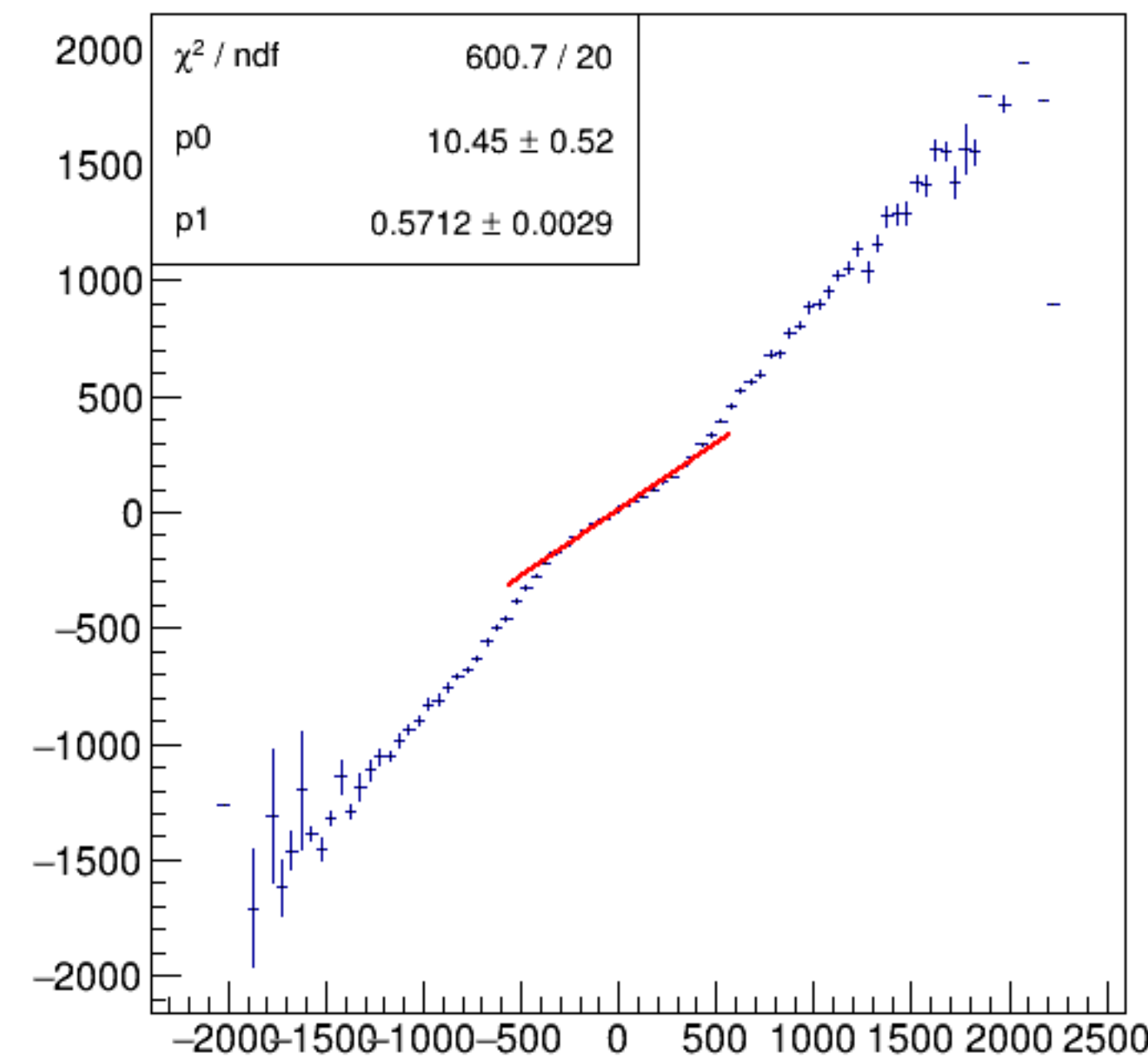
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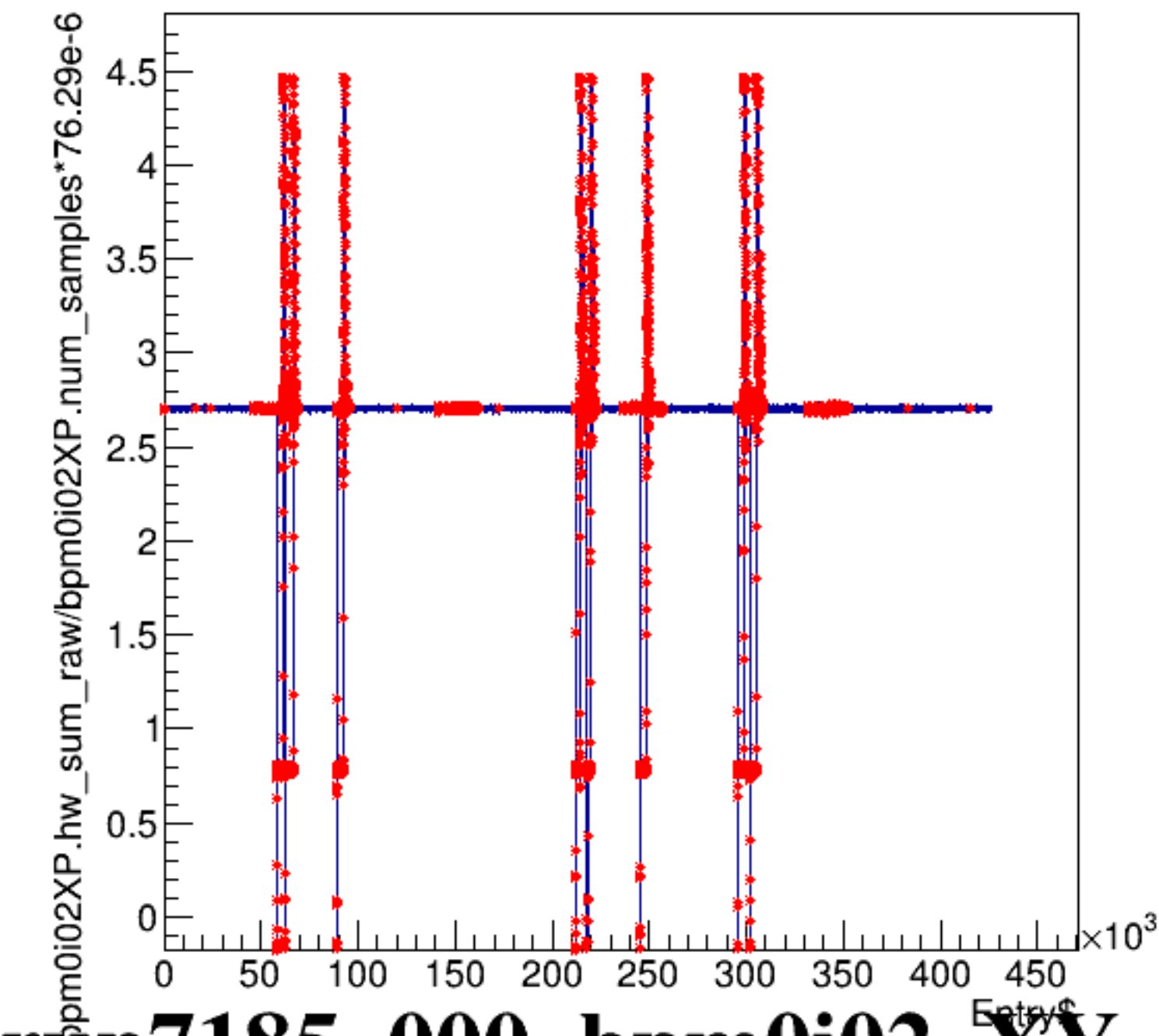
asym_bpm0i02WS/ppm:Aq/ppm {ErrorFlag==0}



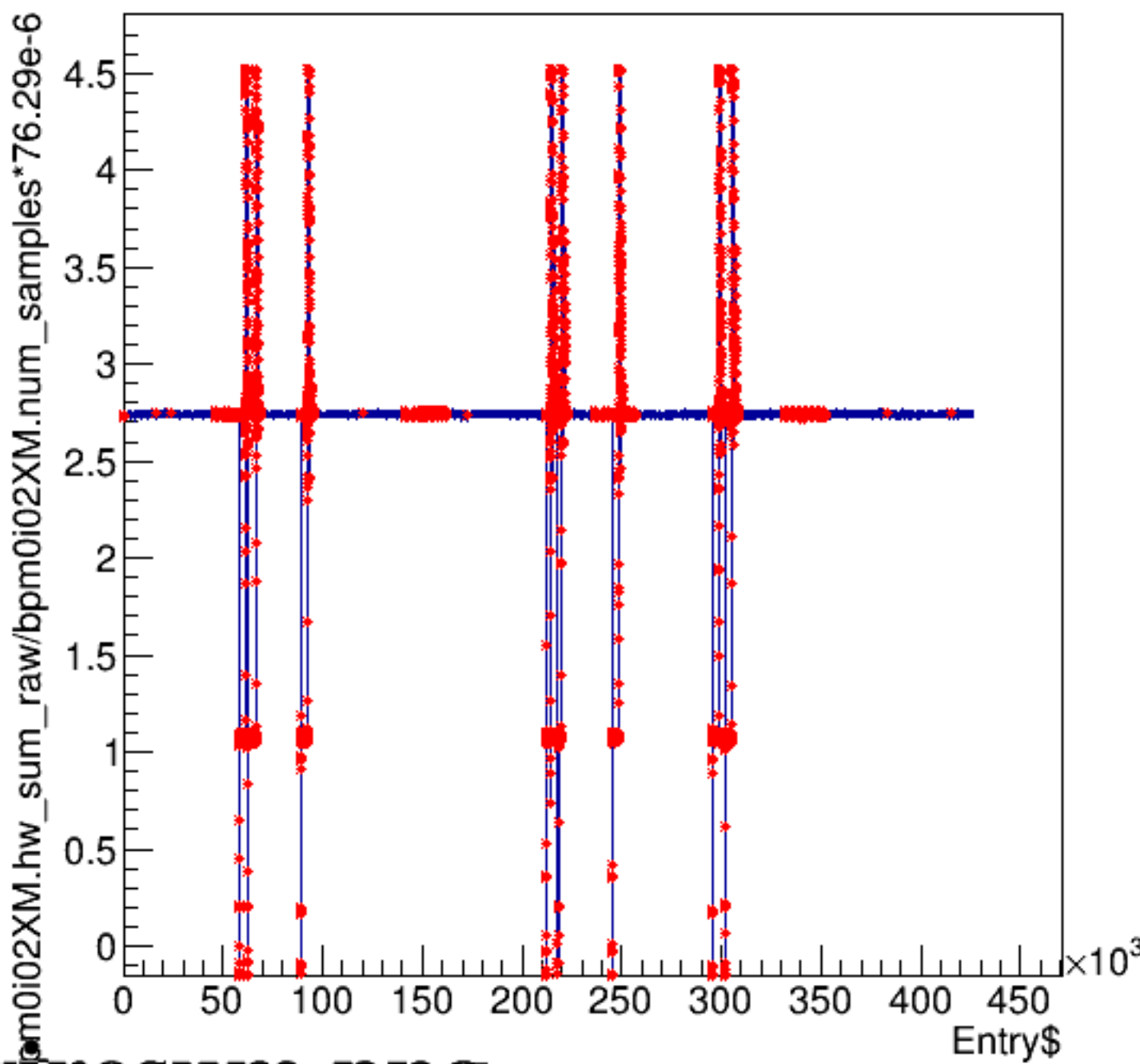
asym_bpm0i02WS/ppm:Aq/ppm {ErrorFlag==0}



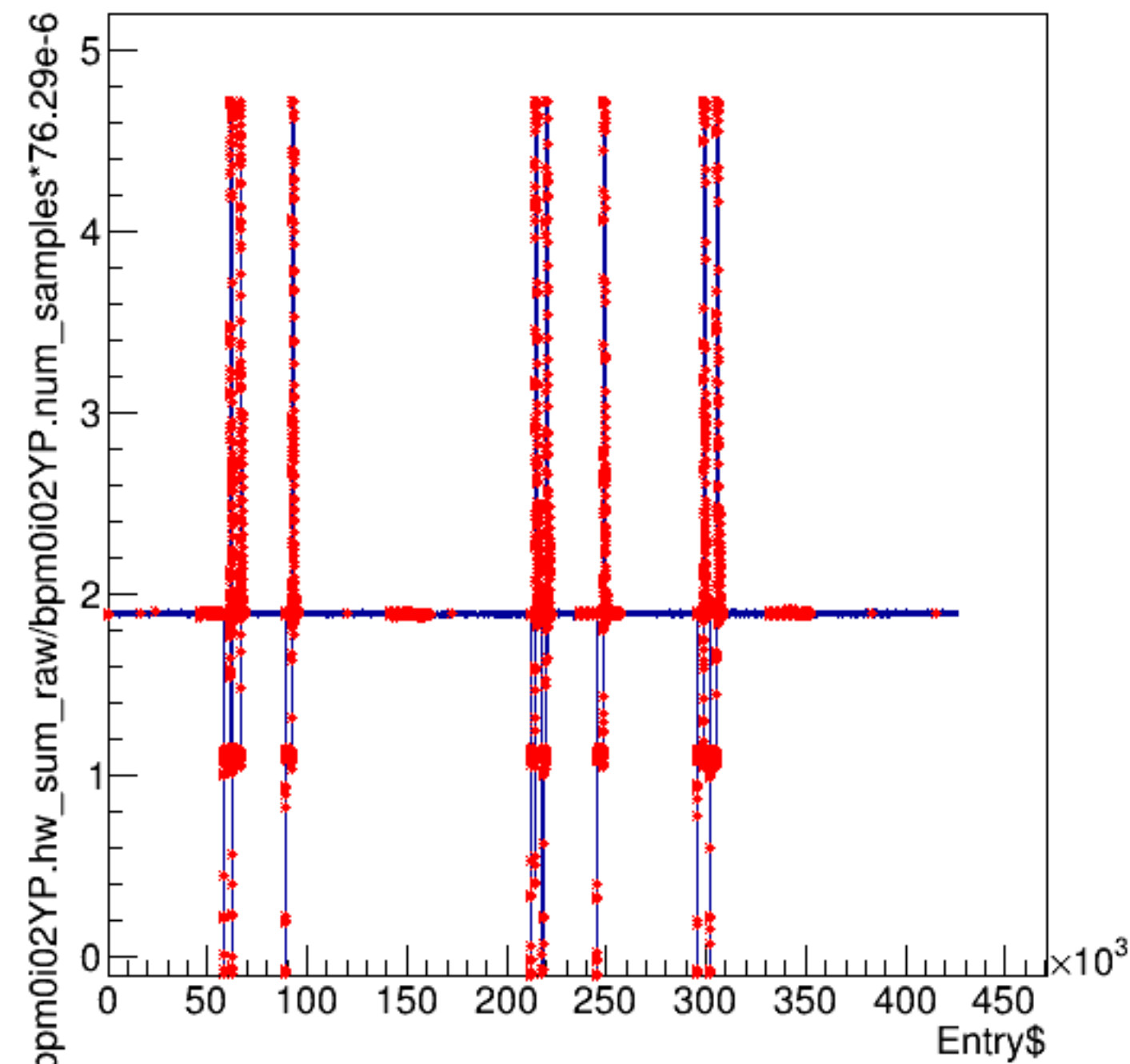
bpm0i02XP.hw_sum_raw/bpm0i02XP.num_samples*76.29e-6:Entry\$



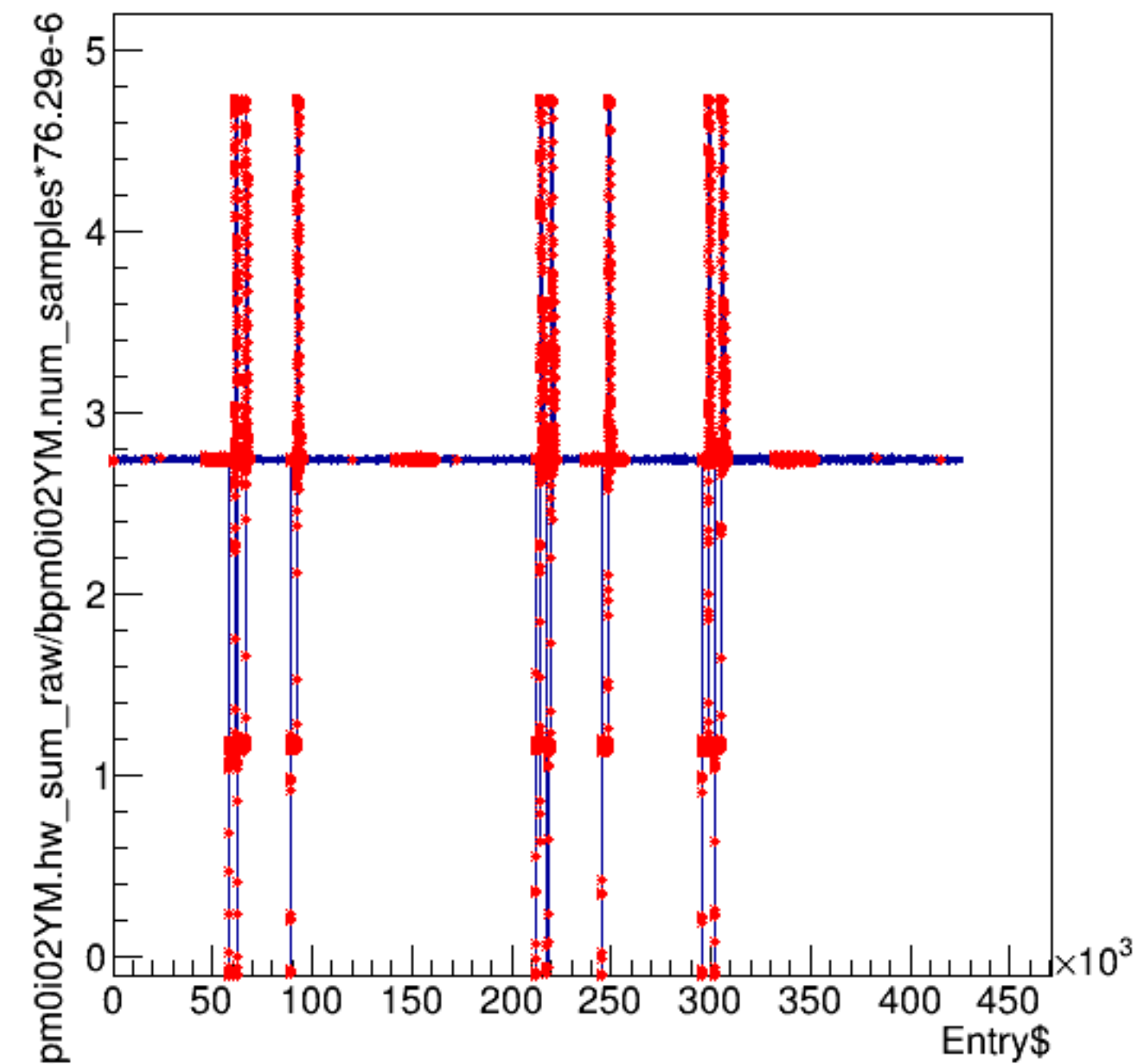
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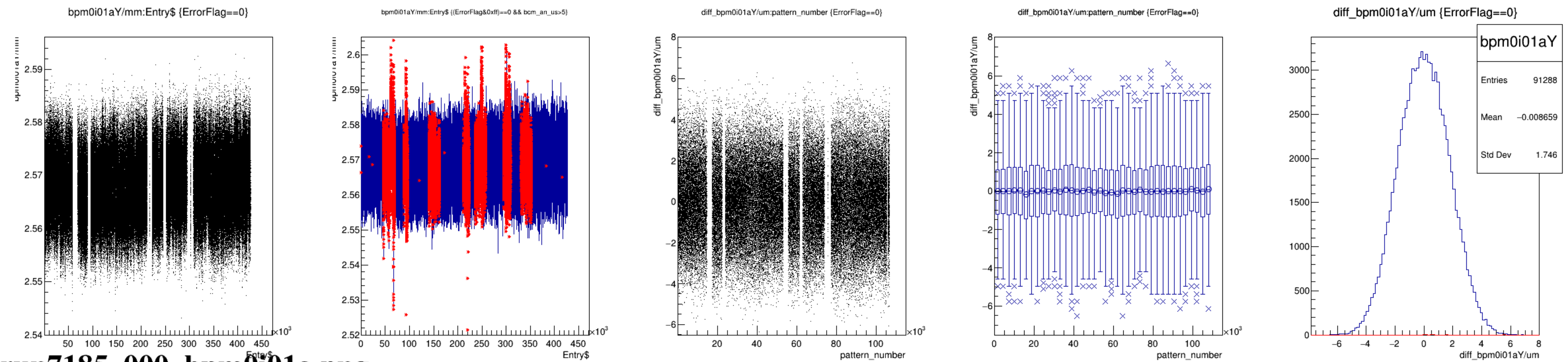
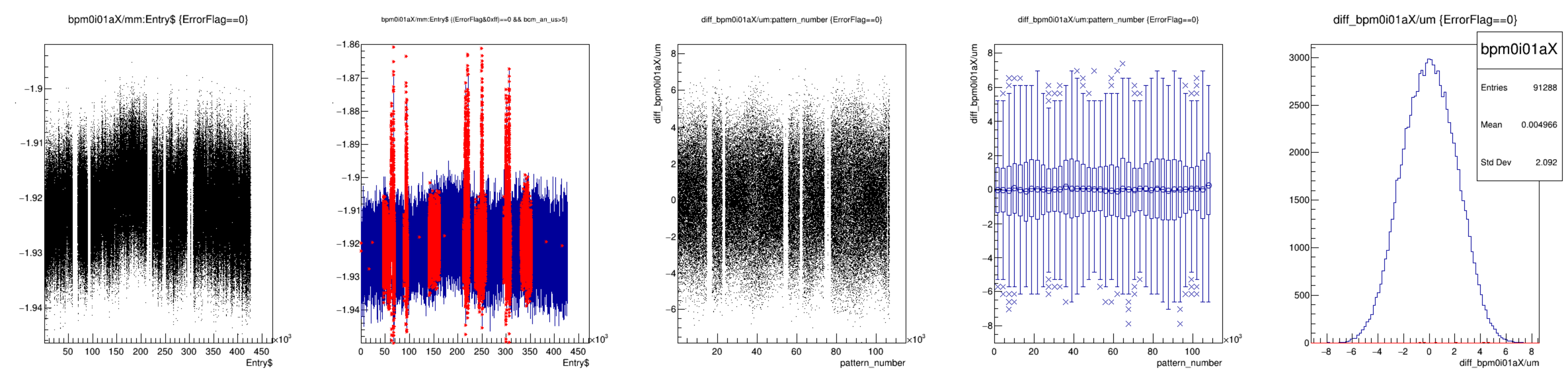


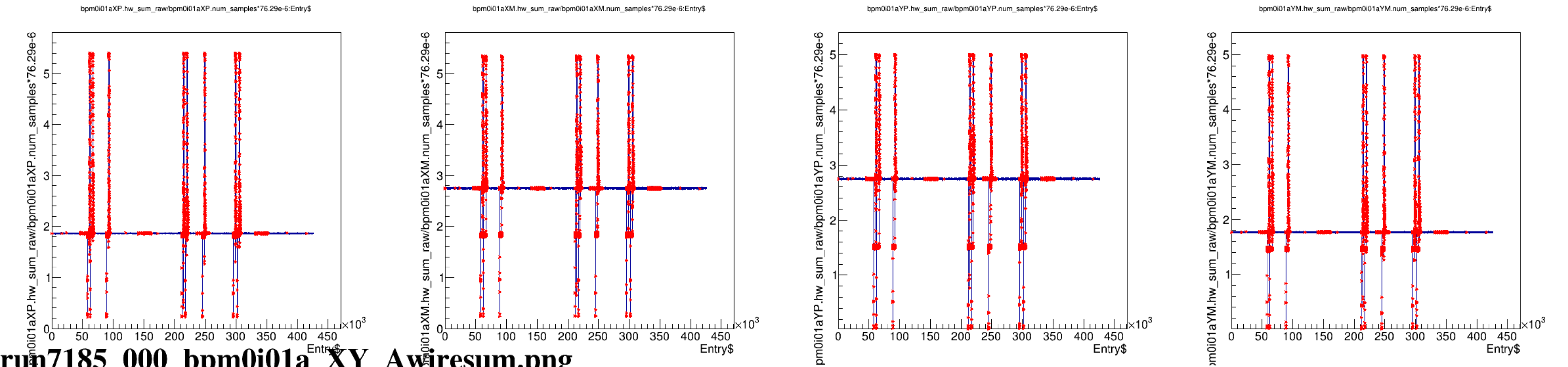
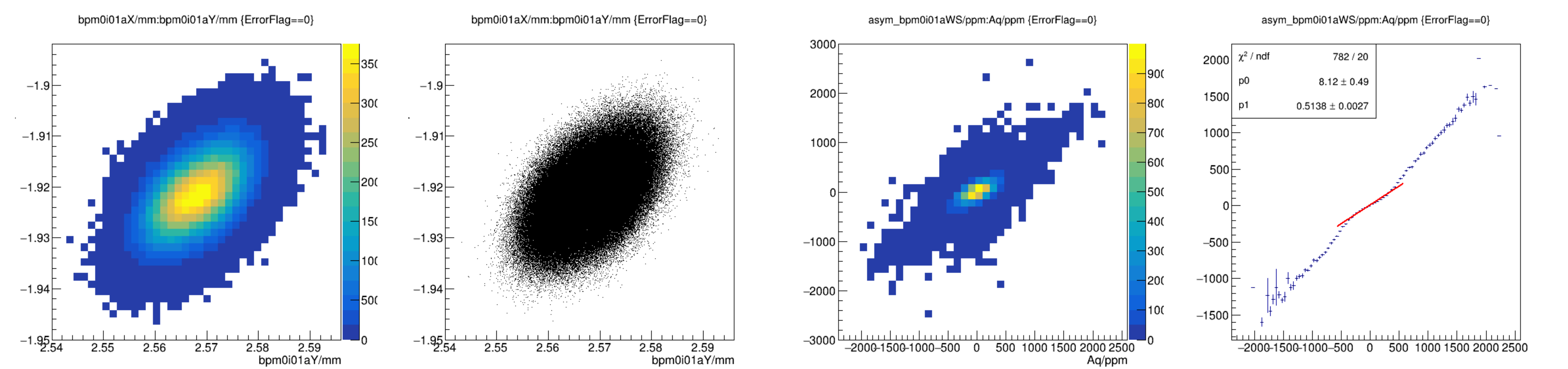
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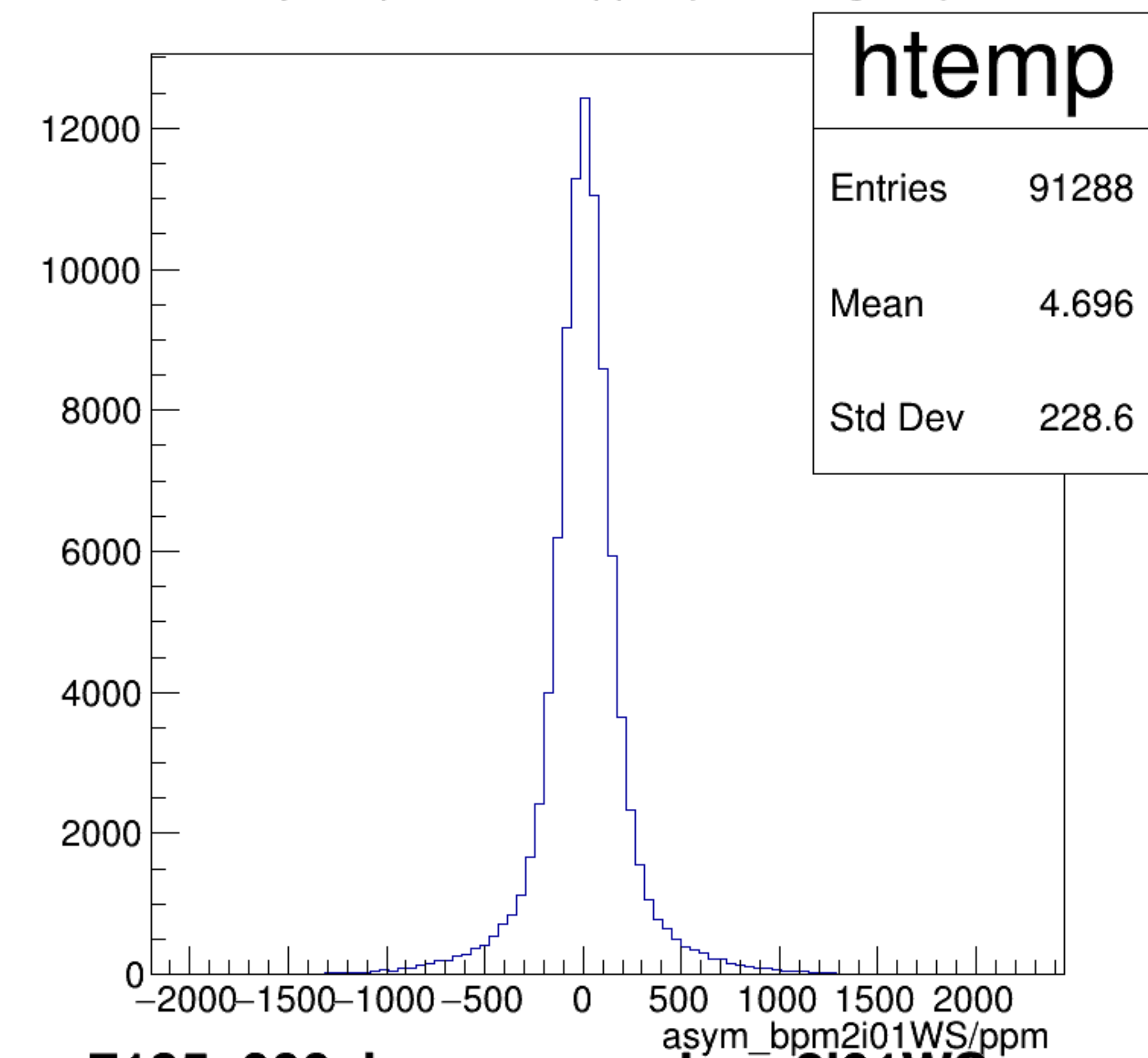
bpm0i02YM.hw_sum_raw/bpm0i02YM.num_samples*76.29e-6:Entry\$



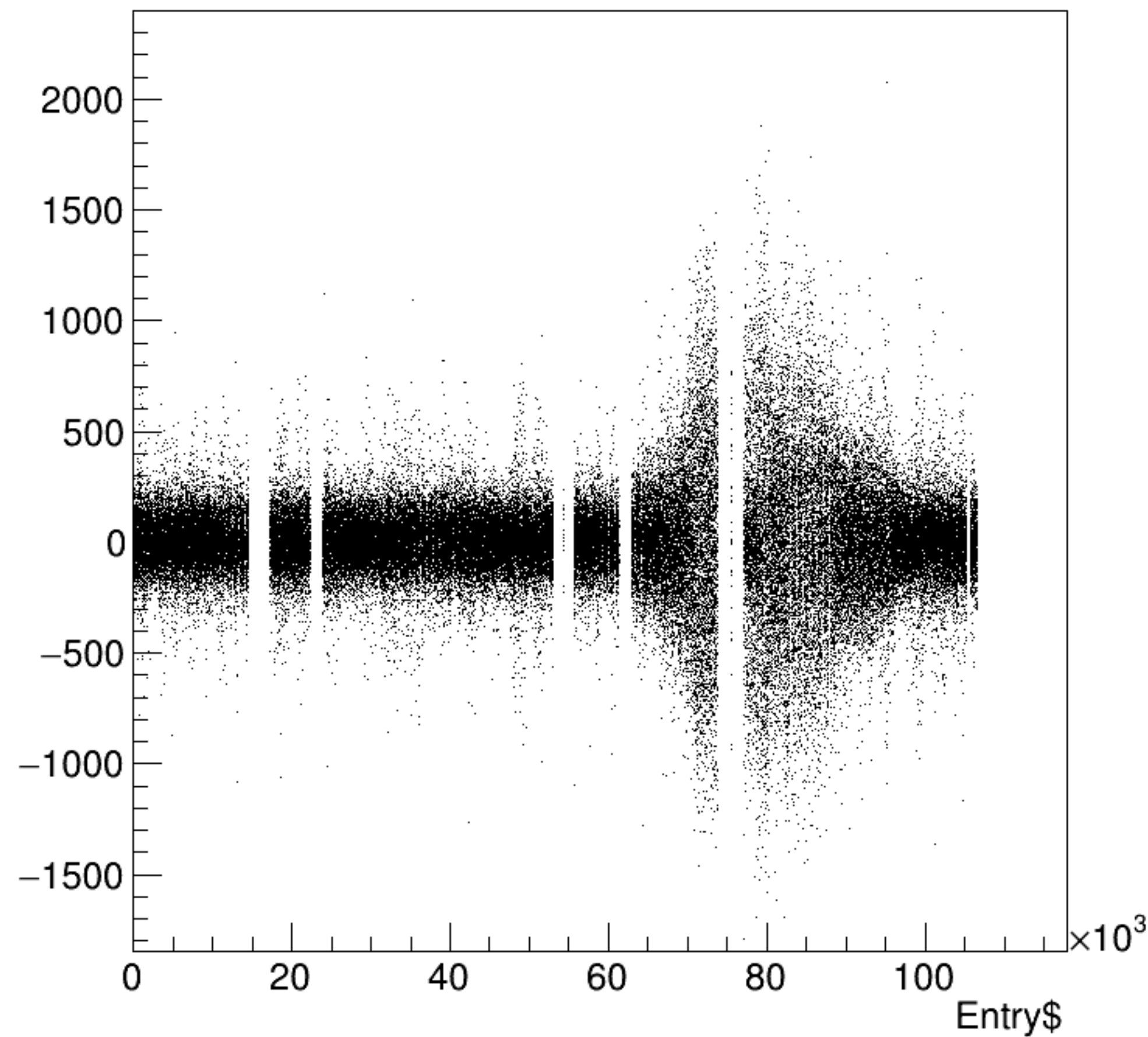




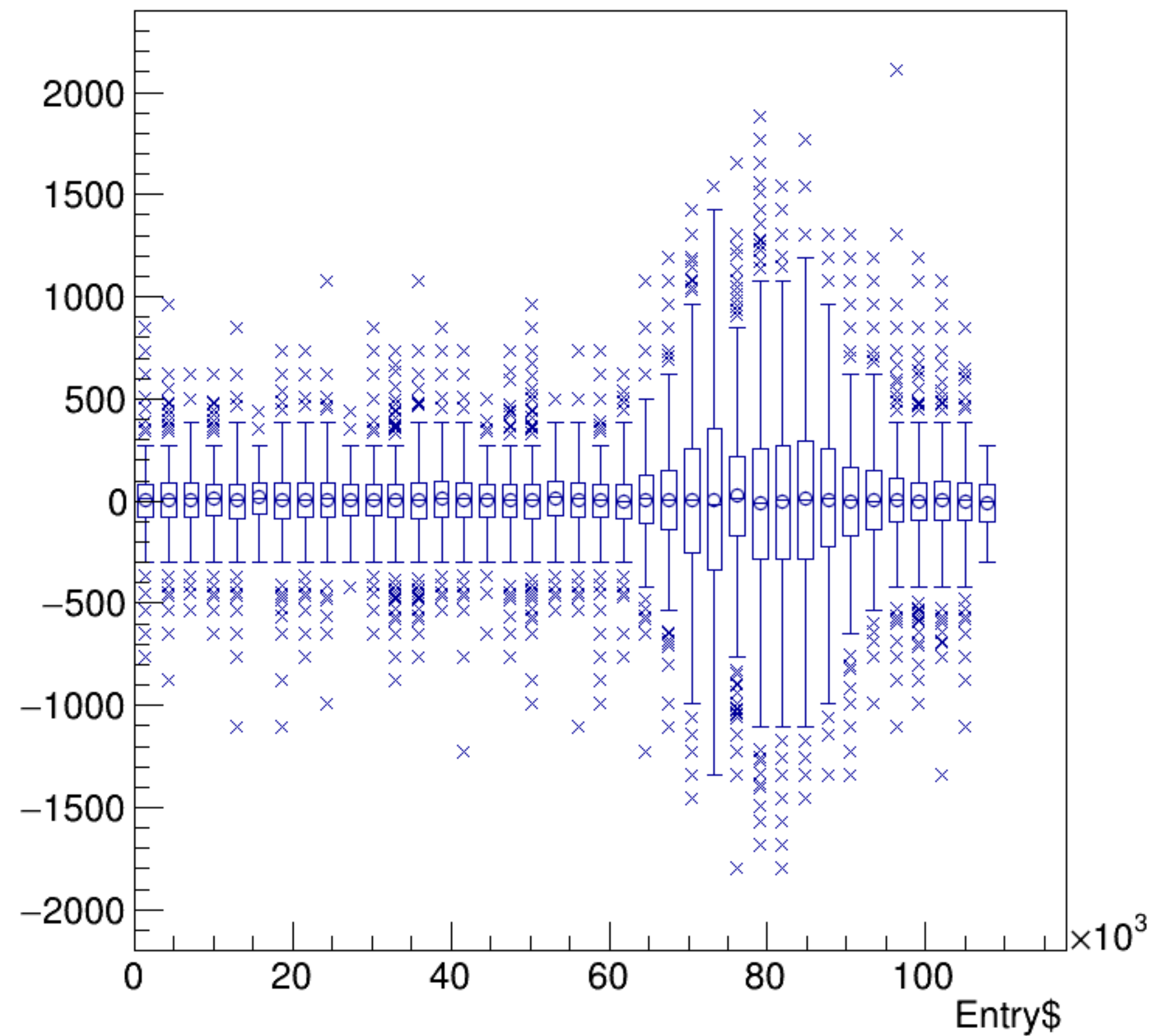
asym_bpm2i01WS/ppm {ErrorFlag==0}



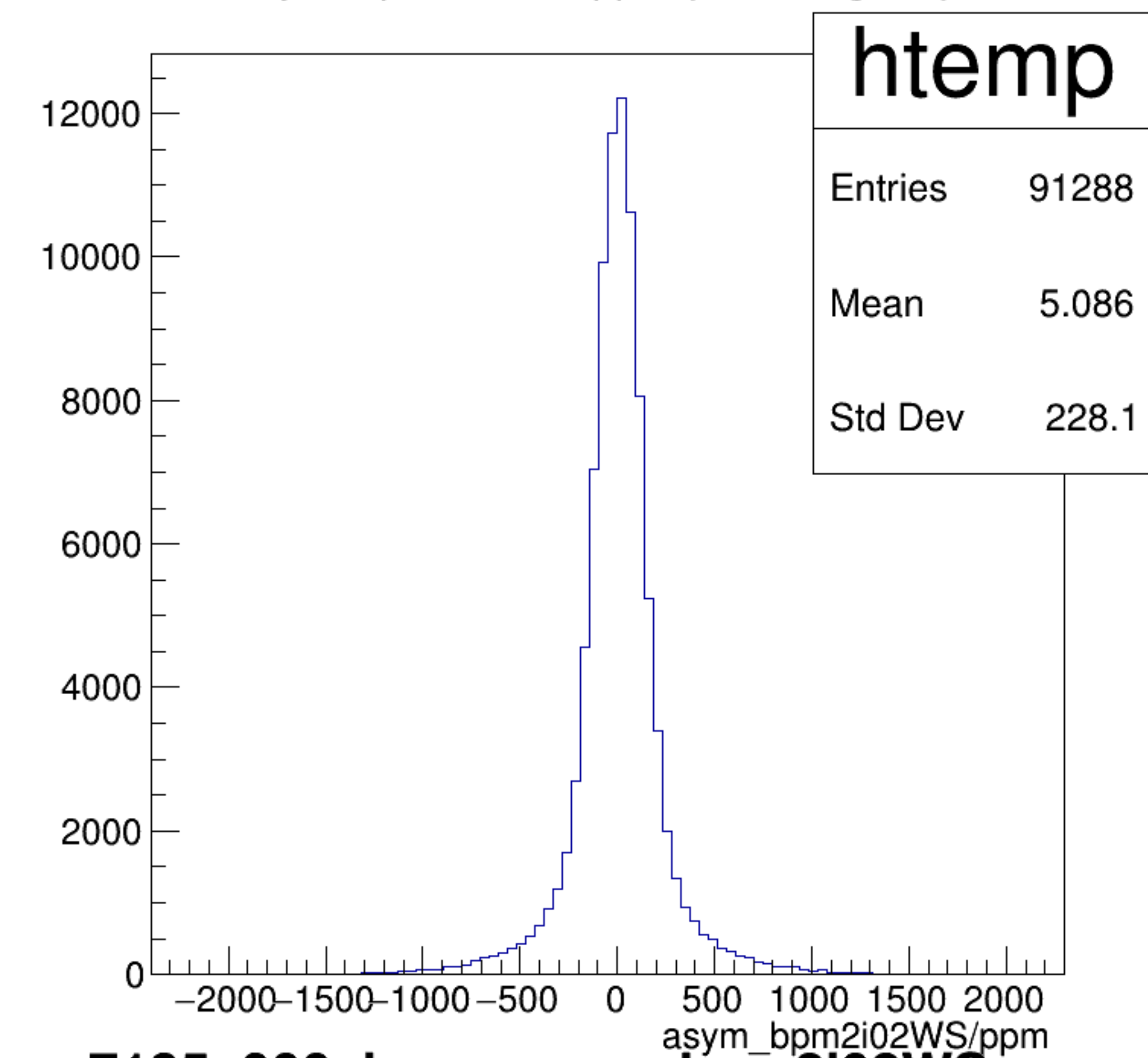
asym_bpm2i01WS/ppm:Entry\$ {ErrorFlag==0}



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

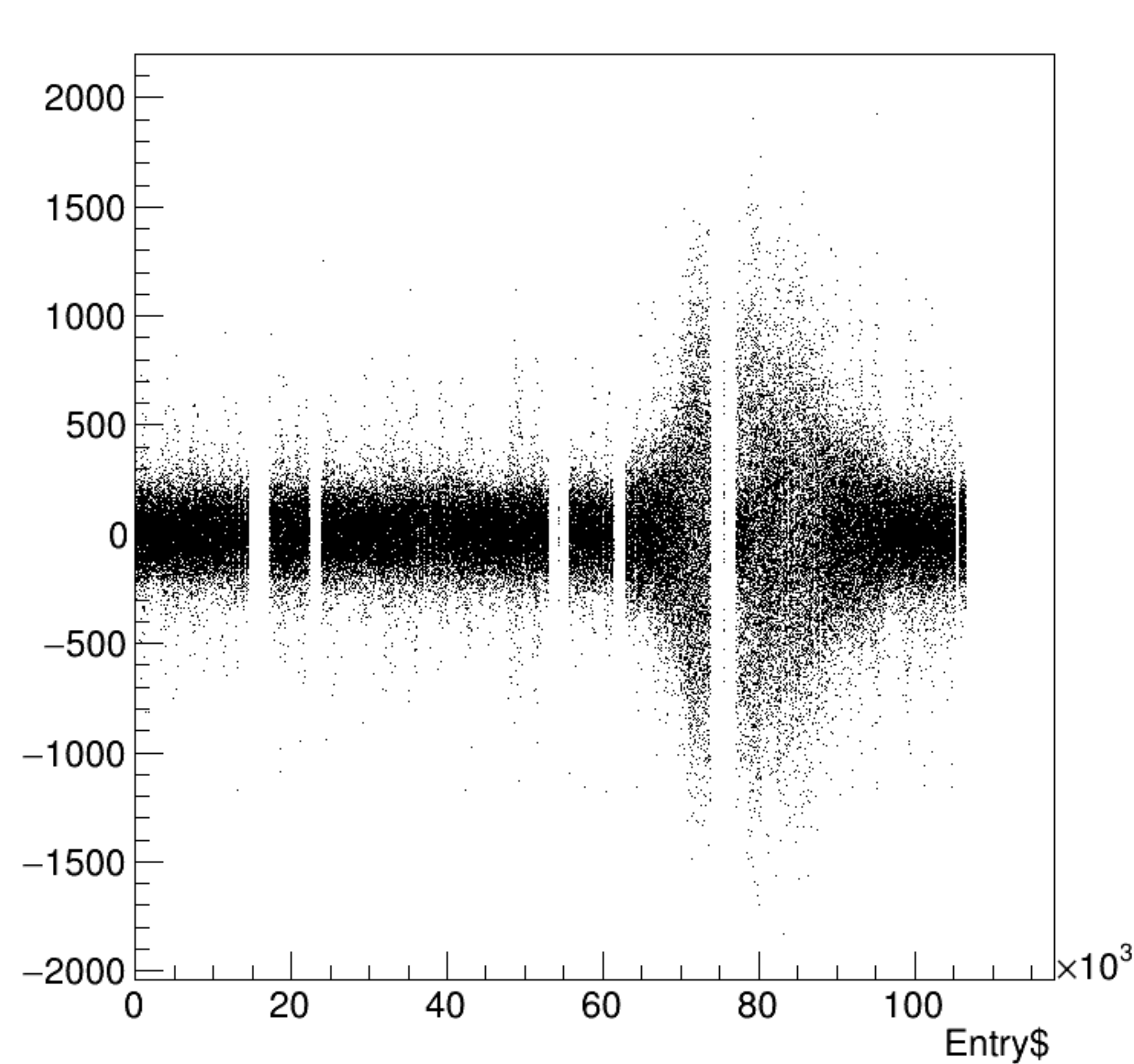


asym_bpm2i02WS/ppm {ErrorFlag==0}

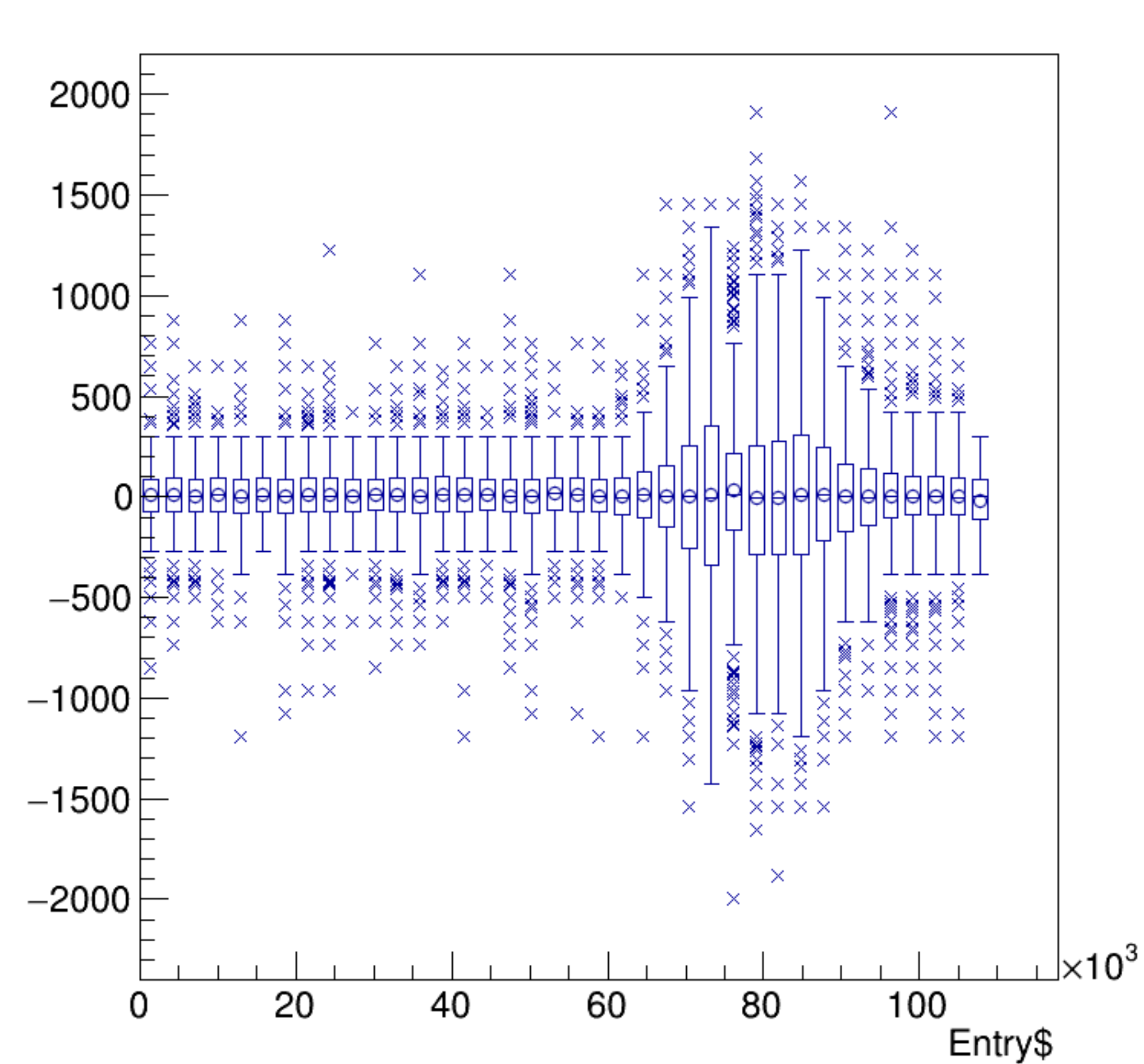


run7185_000_bpm_asym_bpm2i02WS.png

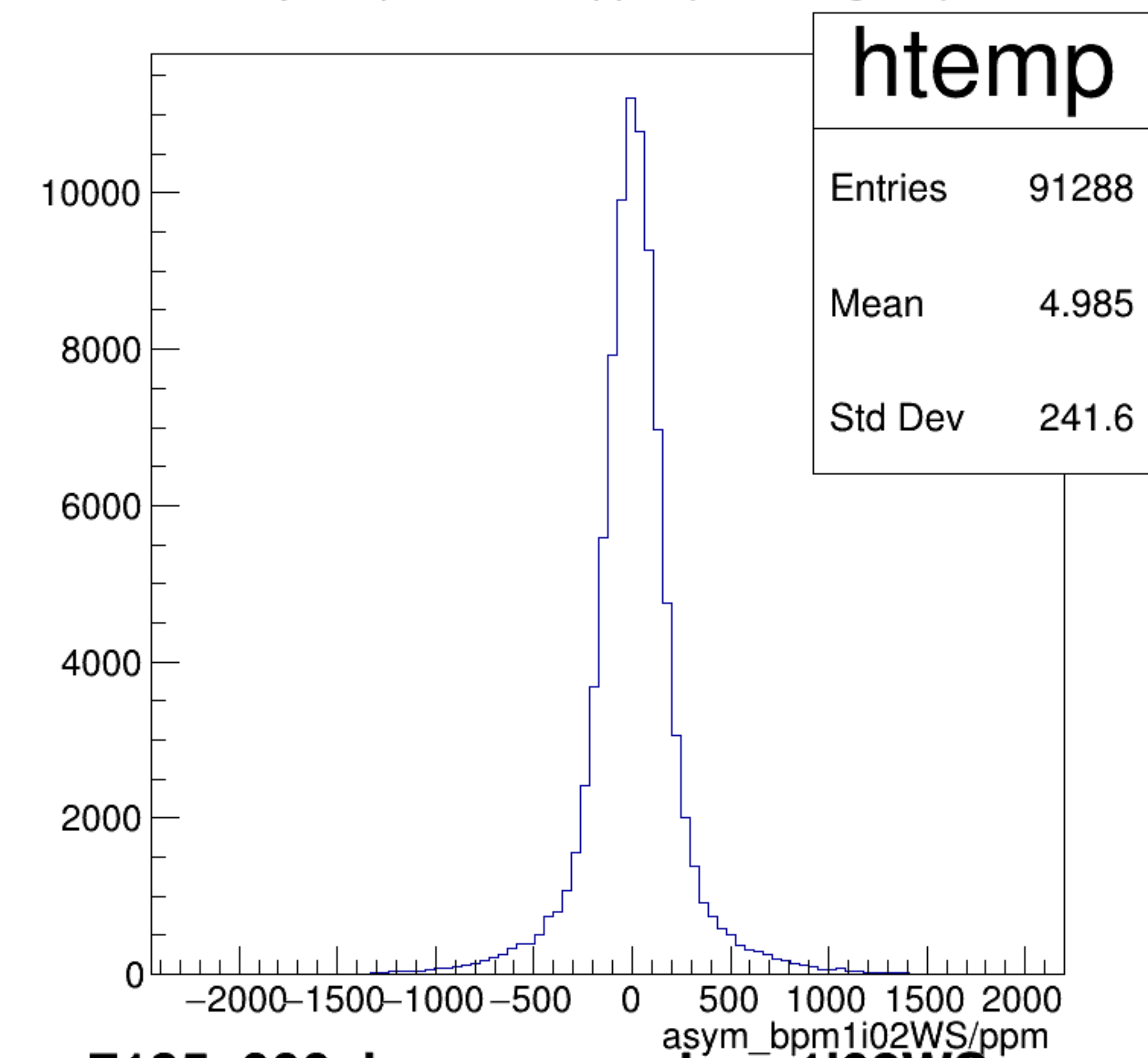
asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}



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

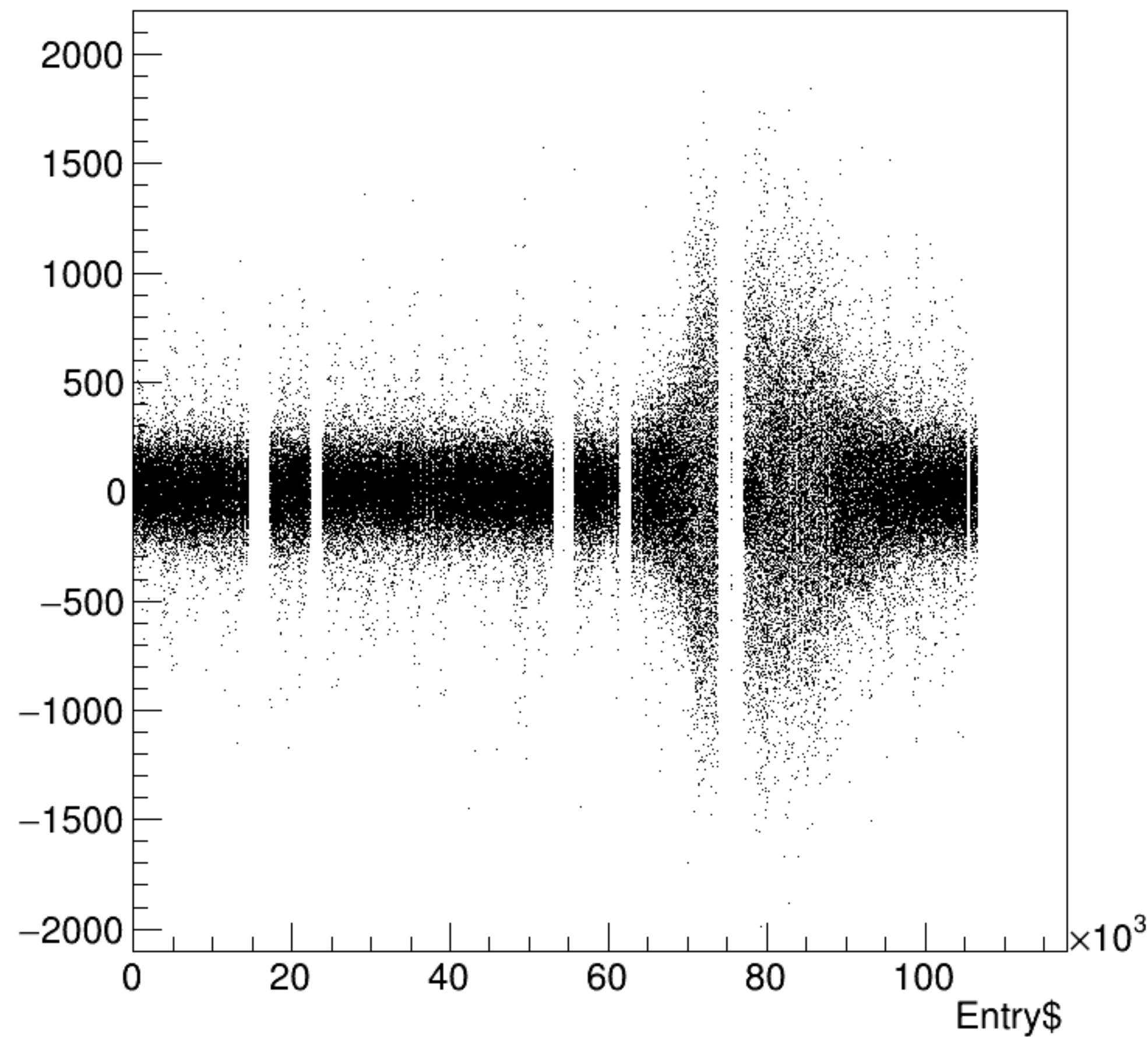


asym_bpm1i02WS/ppm {ErrorFlag==0}

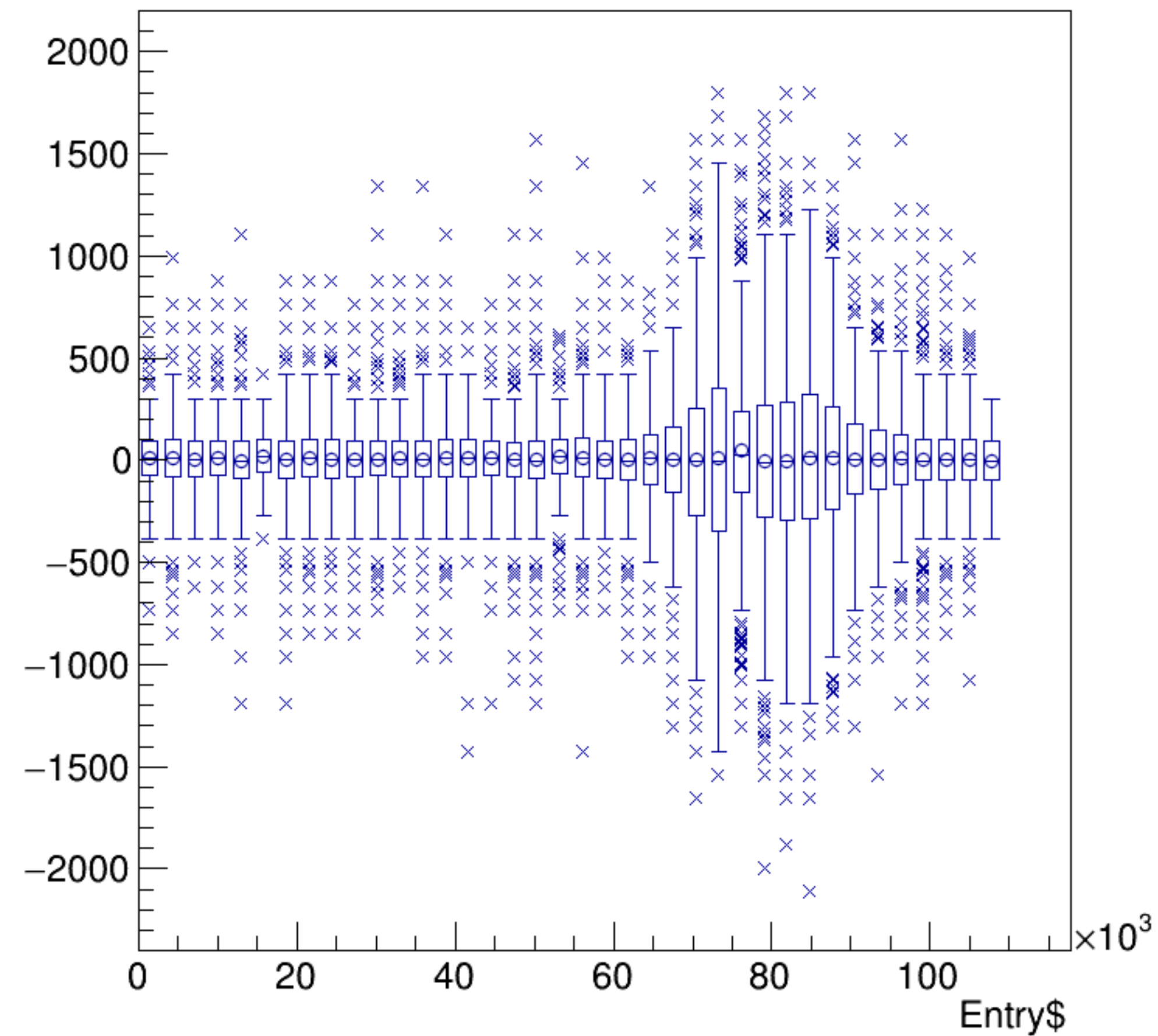


run7185_000_bpm_asym_bpm1i02WS.png

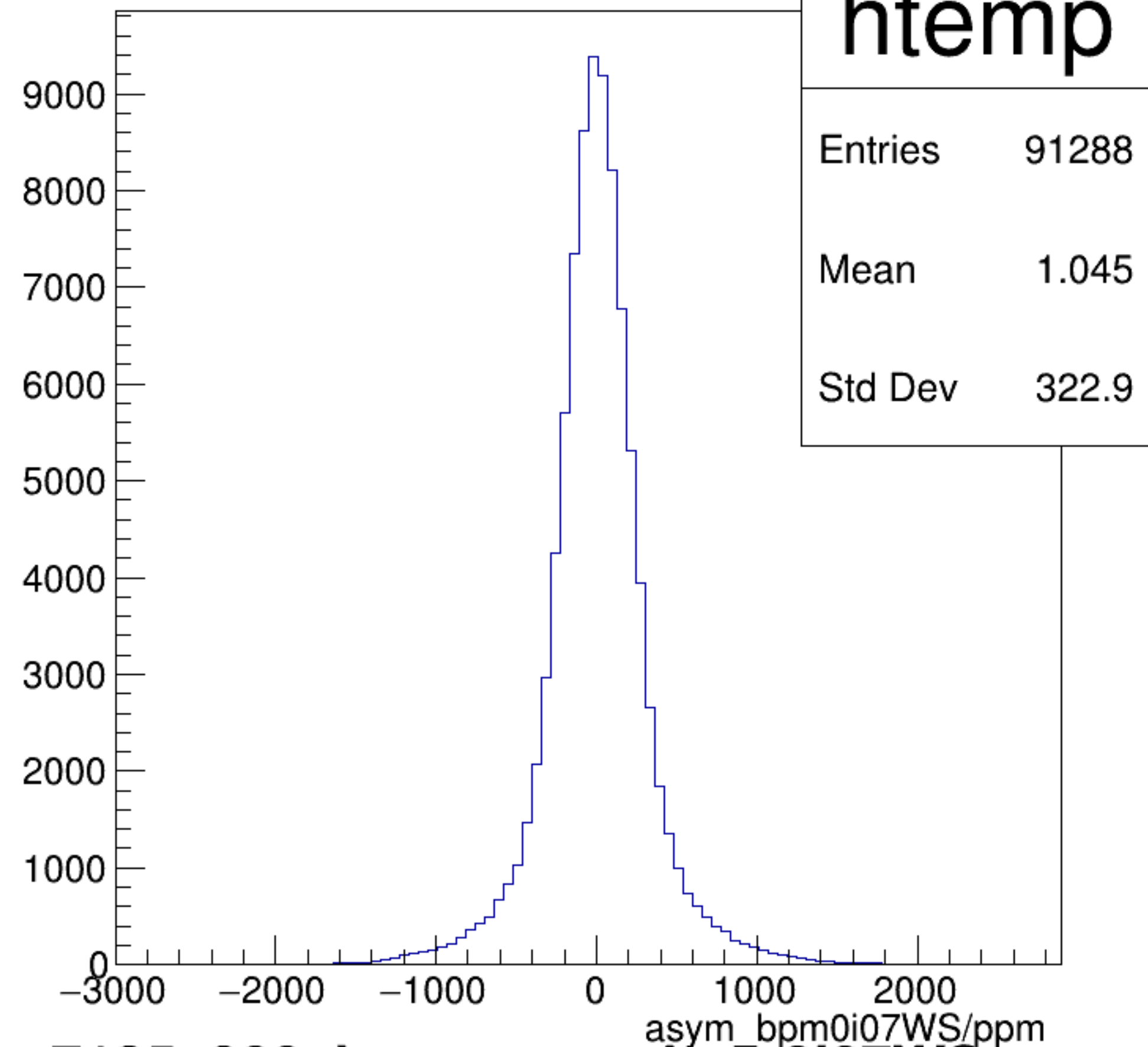
asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}



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

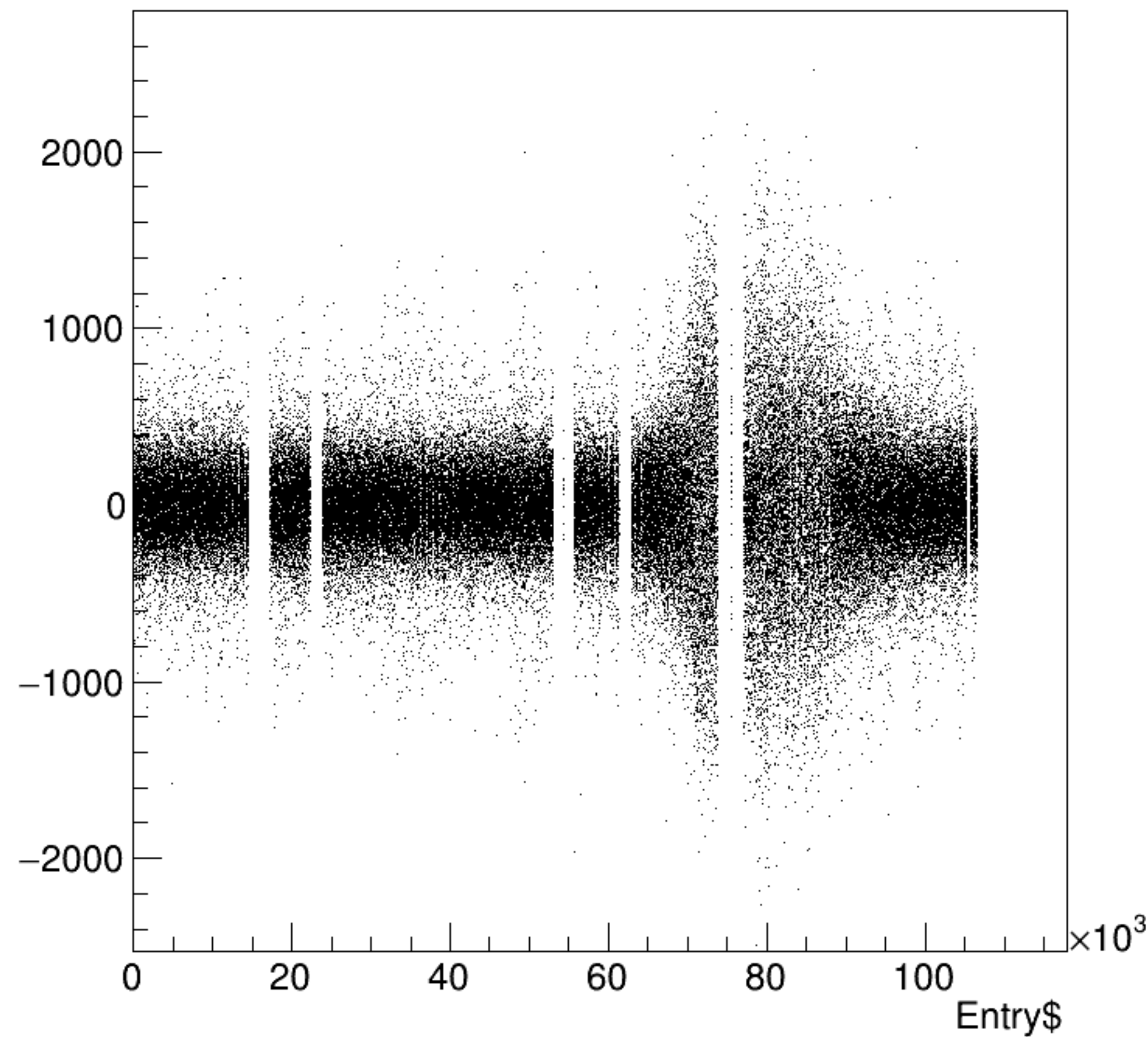


asym_bpm0i07WS/ppm {ErrorFlag==0}

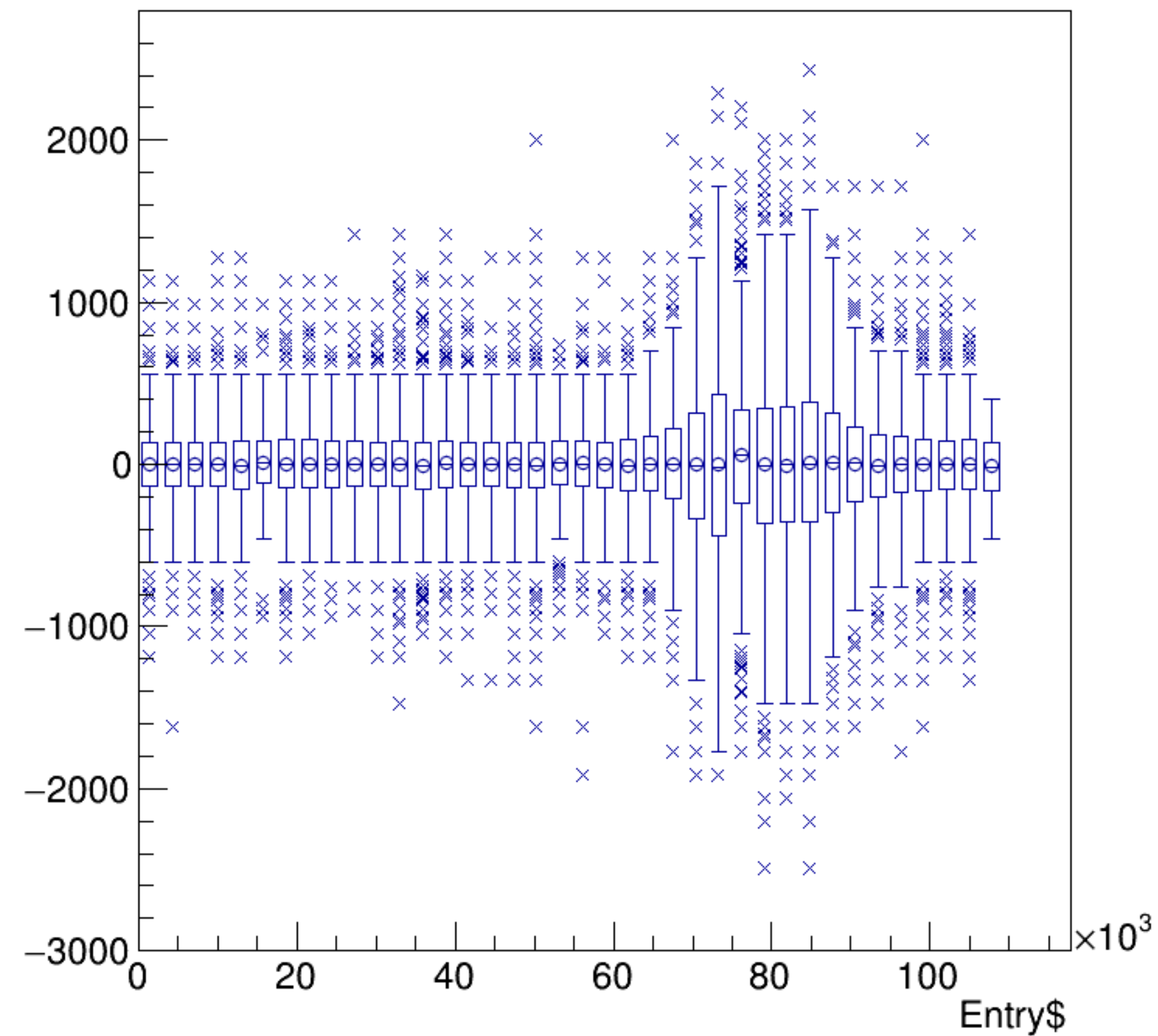


run7185_000_bpm_asym_bpm0i07WS.png

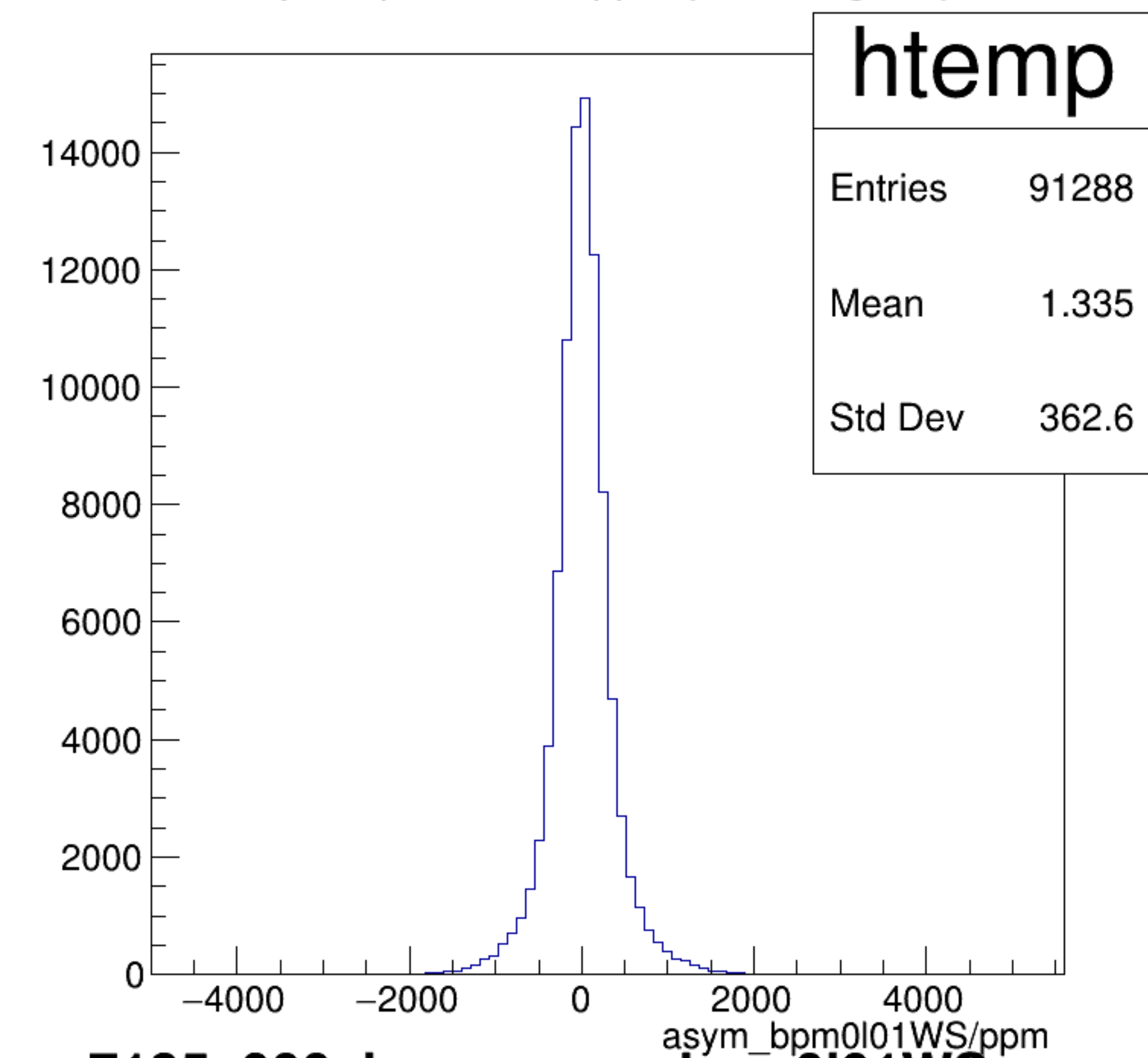
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



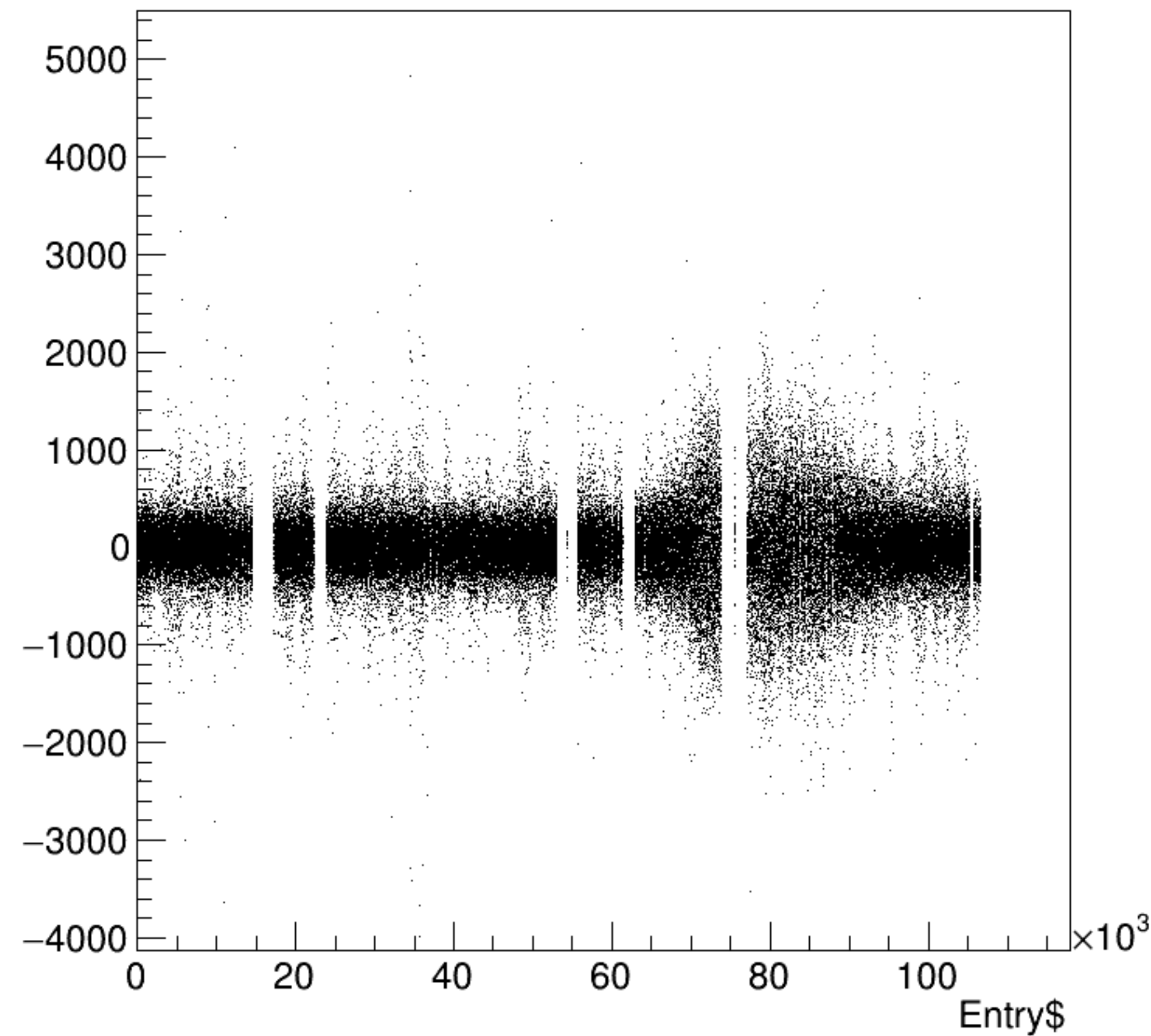
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



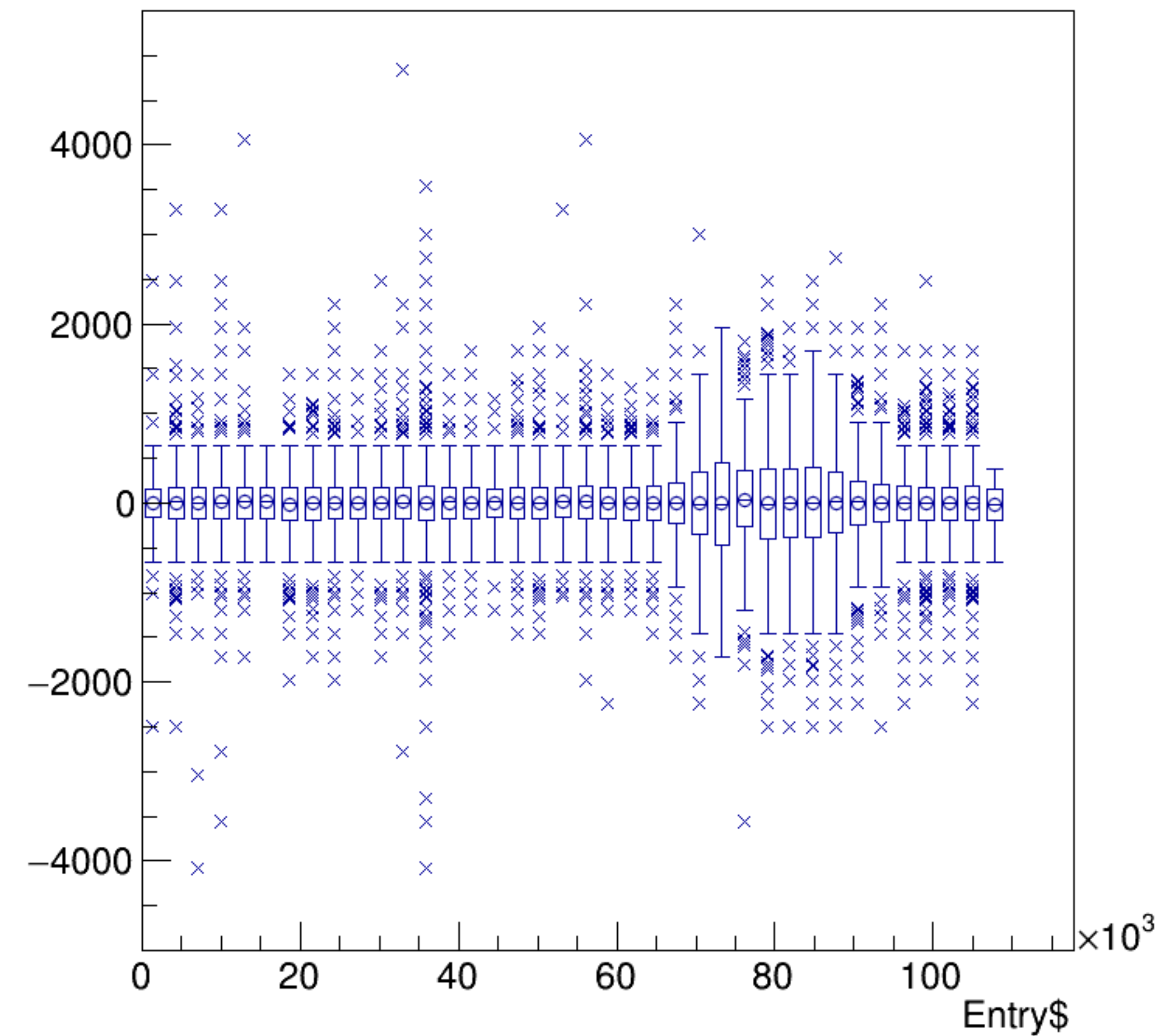
asym_bpm0l01WS/ppm {ErrorFlag==0}



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

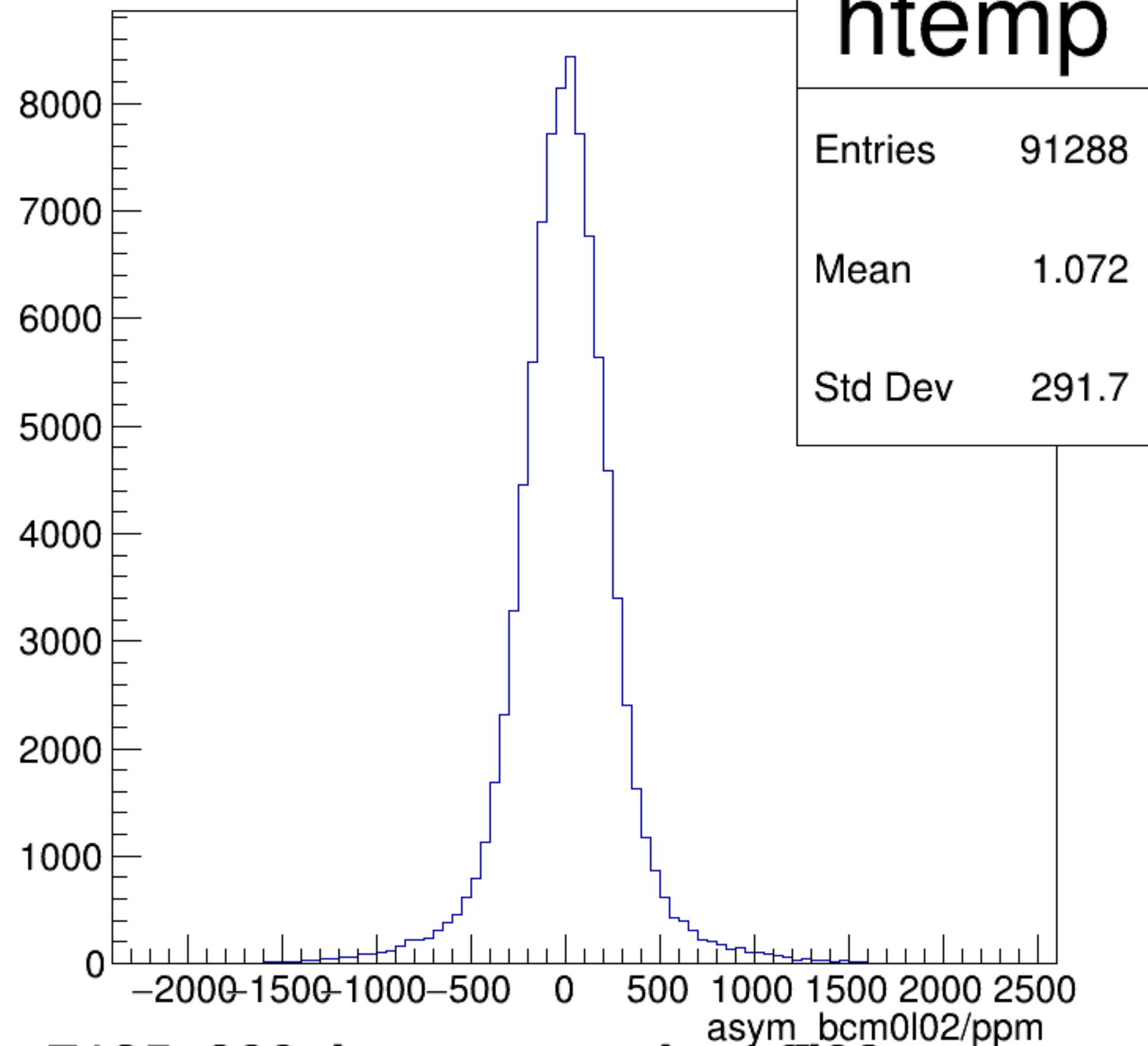


asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



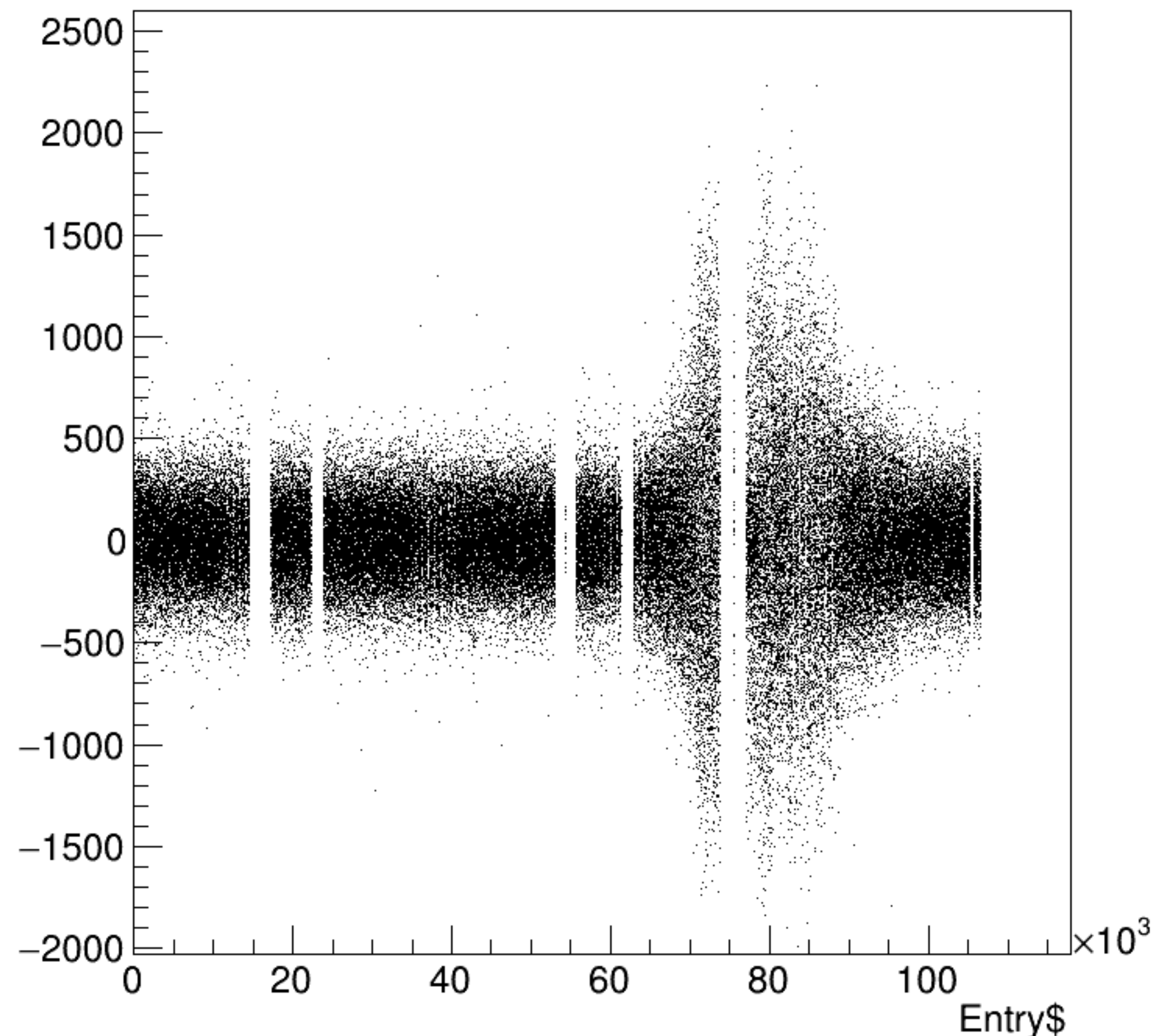
run7185_000_bpm_asym_bpm0l01WS.png

asym_bcm0l02/ppm {ErrorFlag==0}

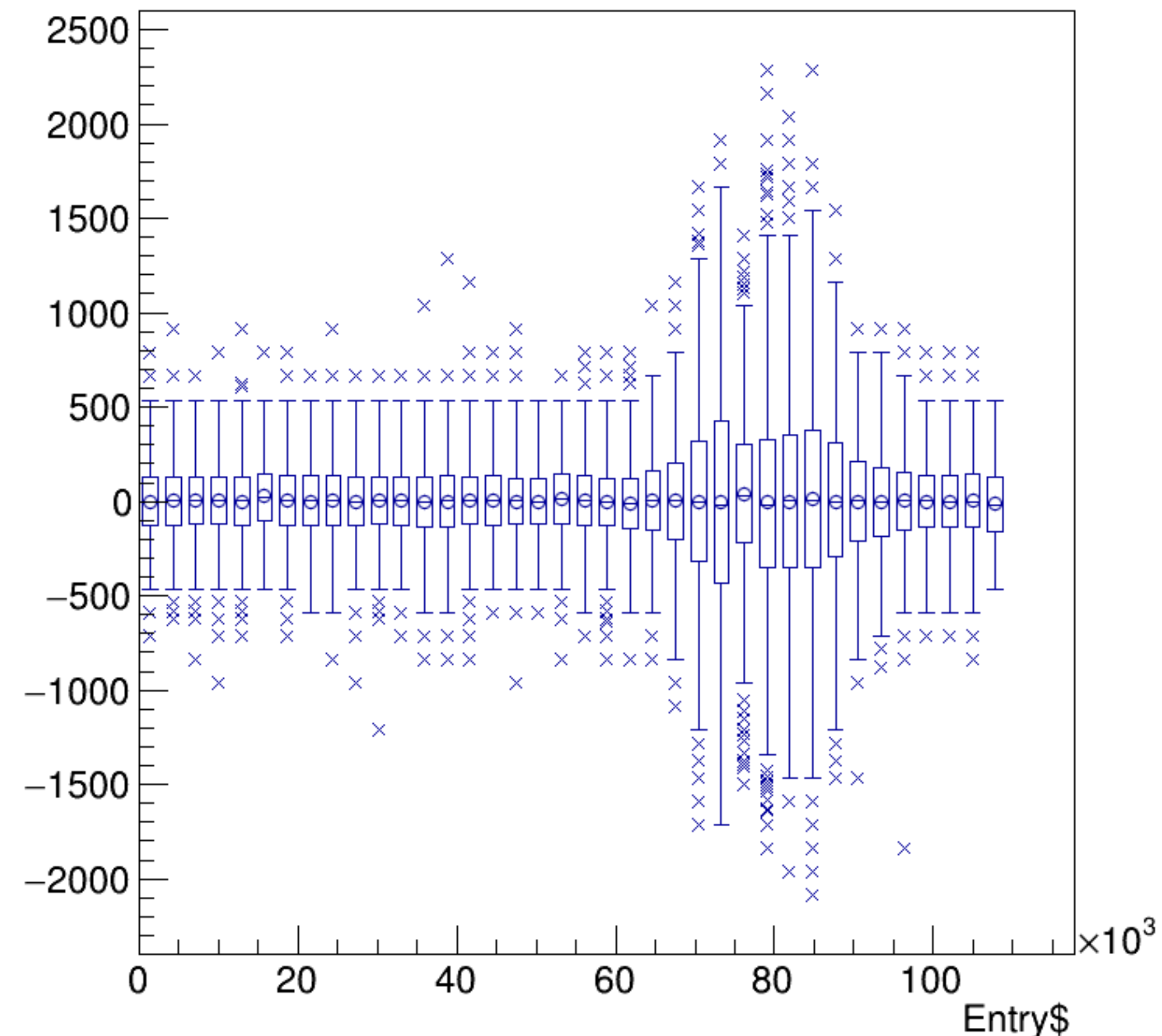


run7185_000_bpm_asym_bcm0l02.png

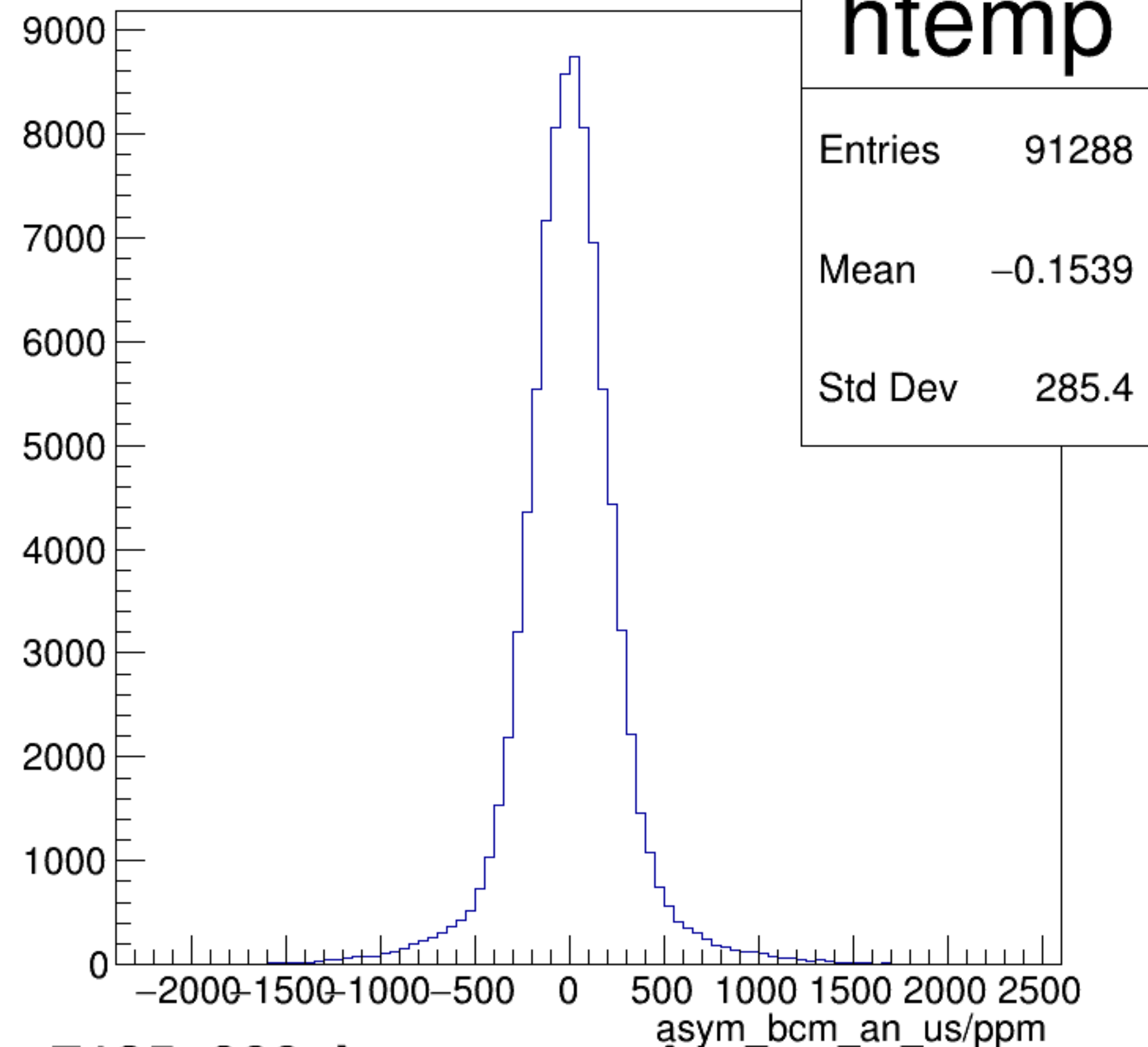
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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

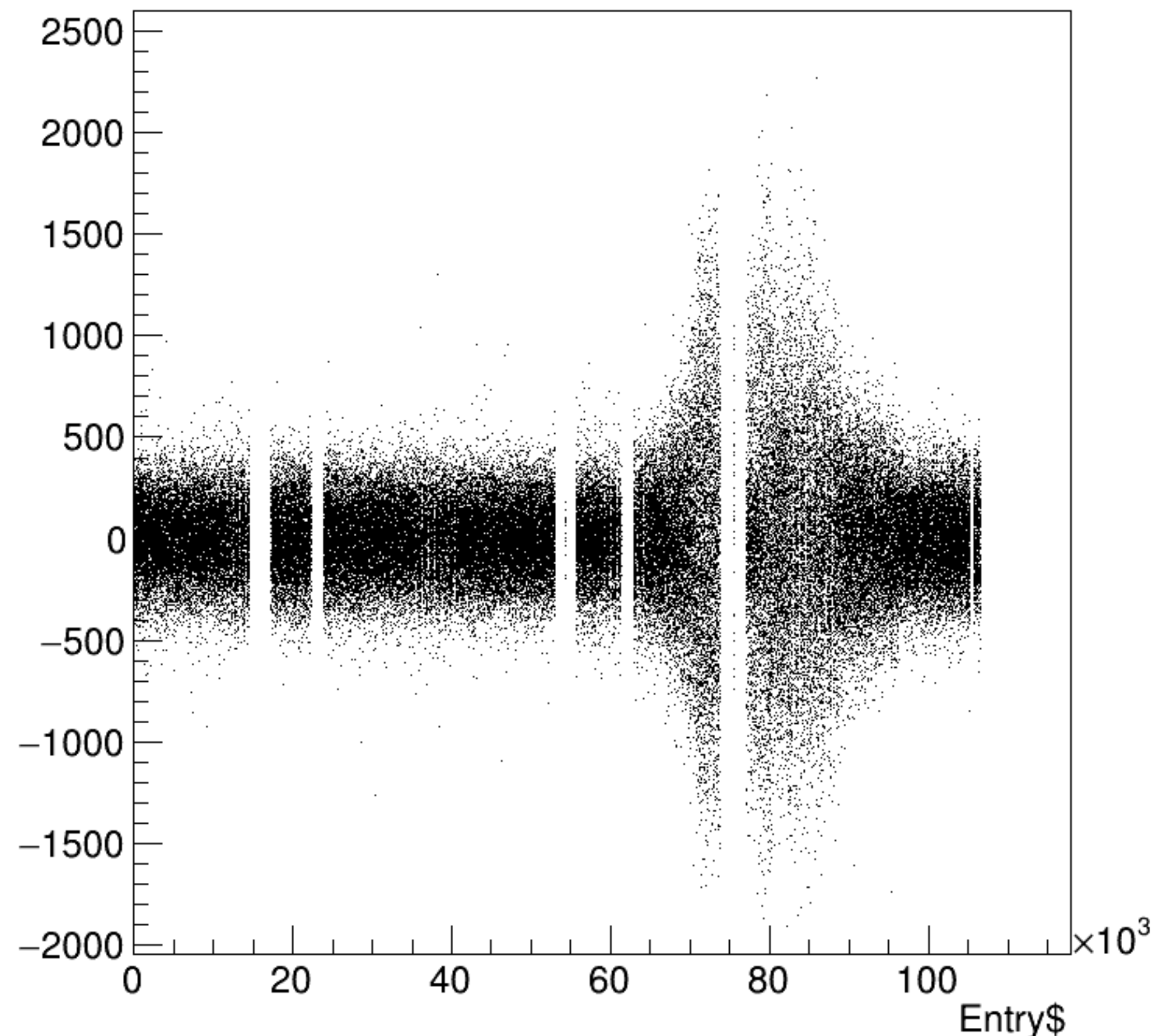


asym_bcm_an_us/ppm {ErrorFlag==0}

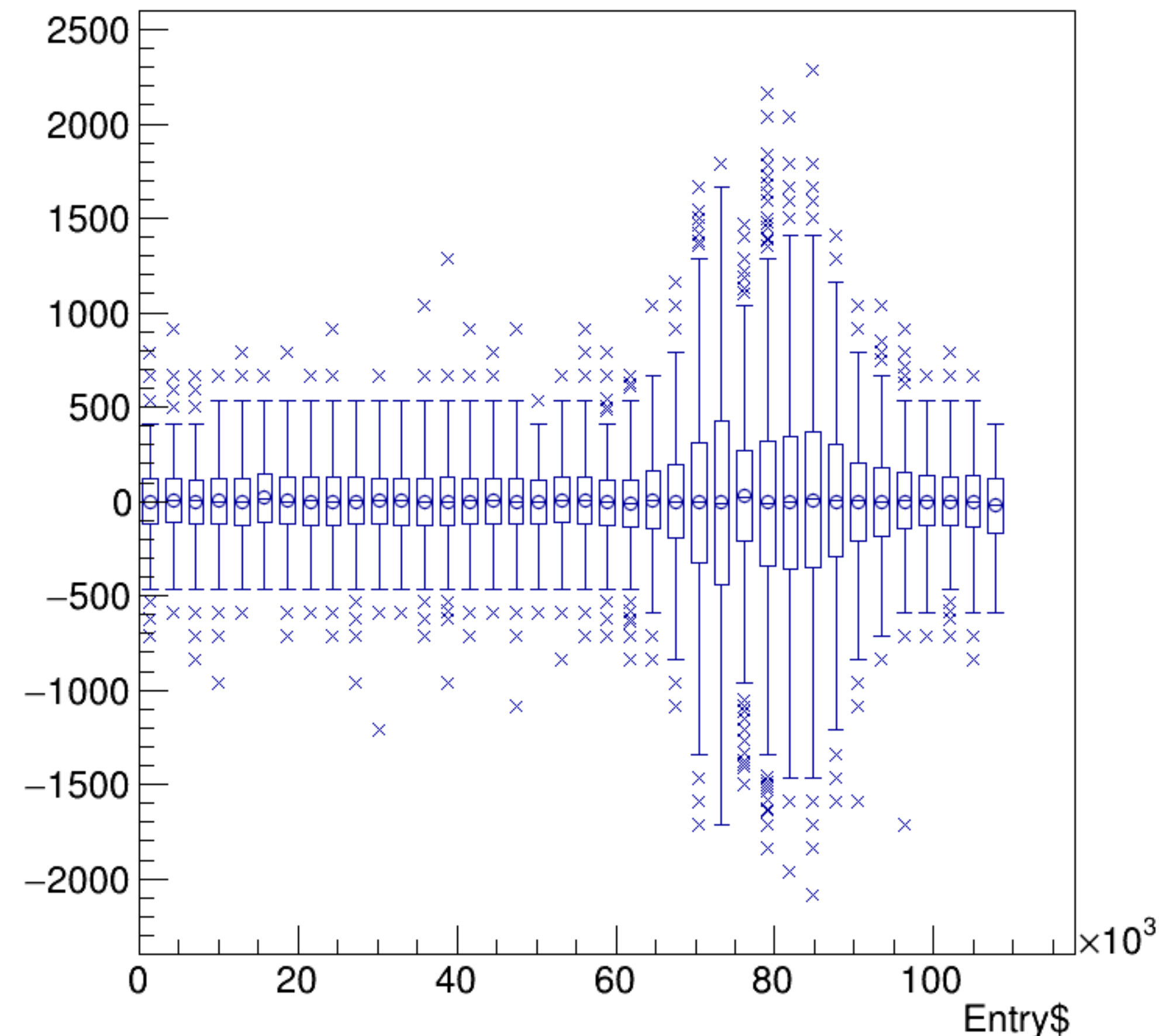


run7185_000_bpm_asym_bcm_an_us.png

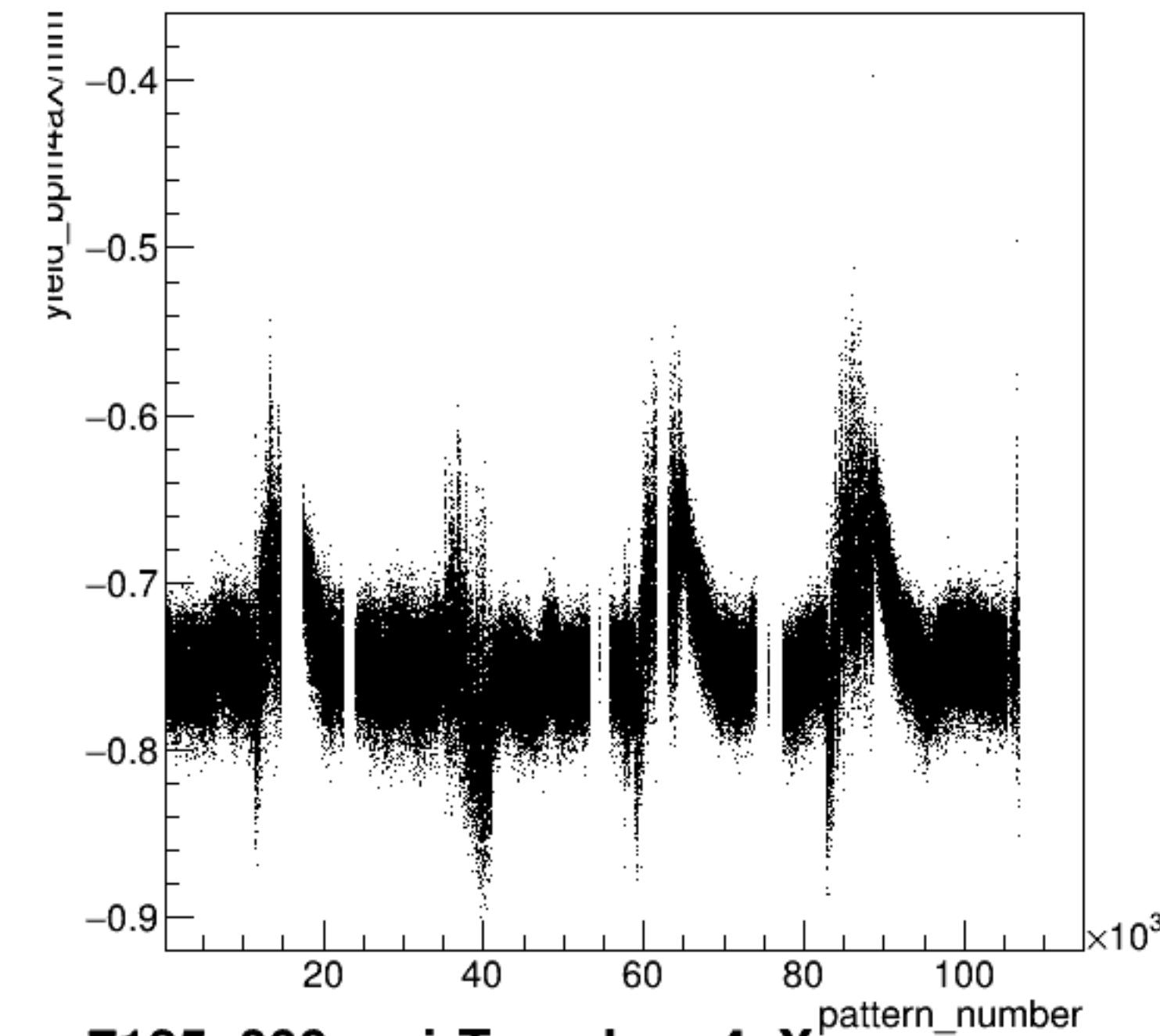
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



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

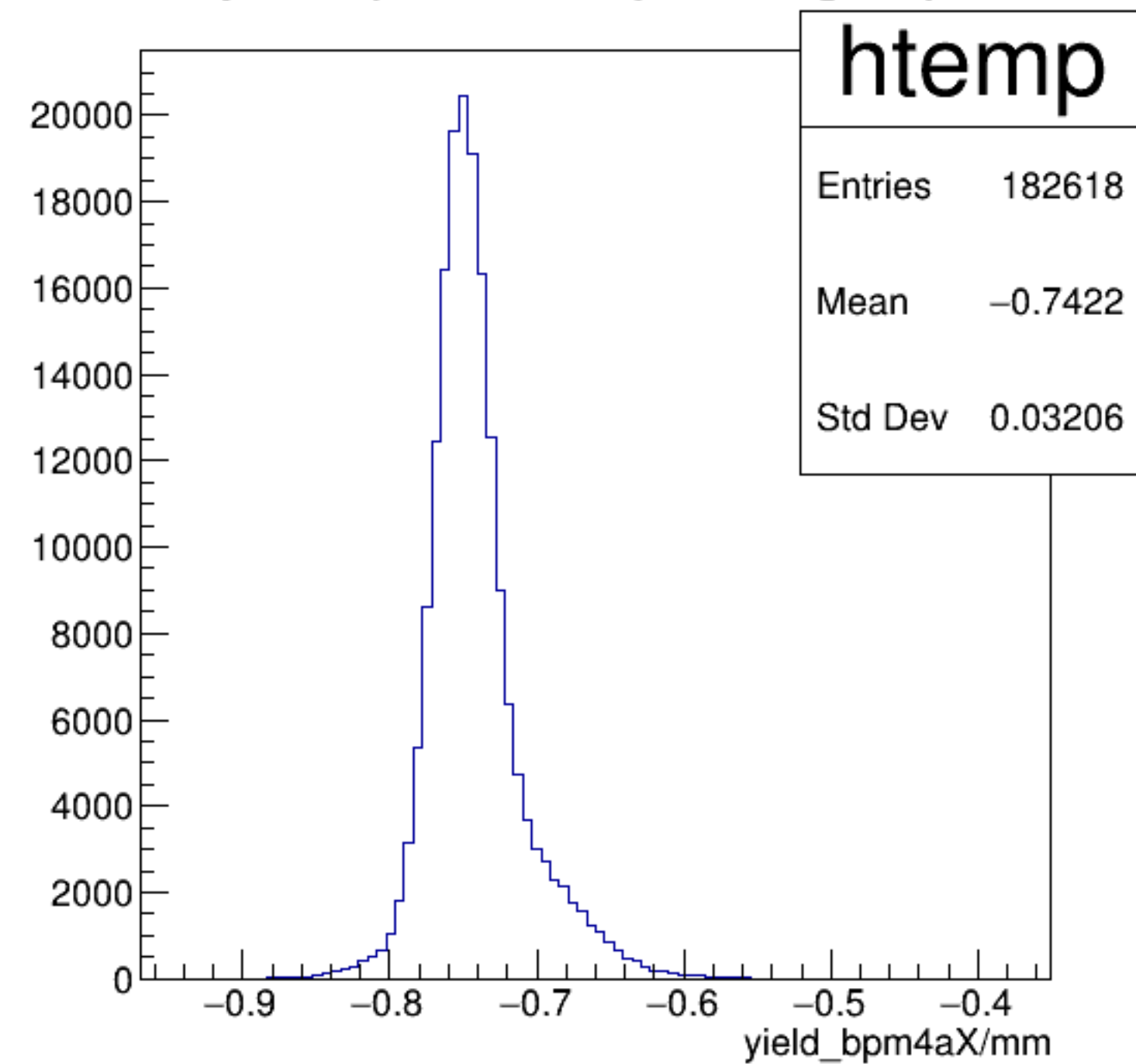


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

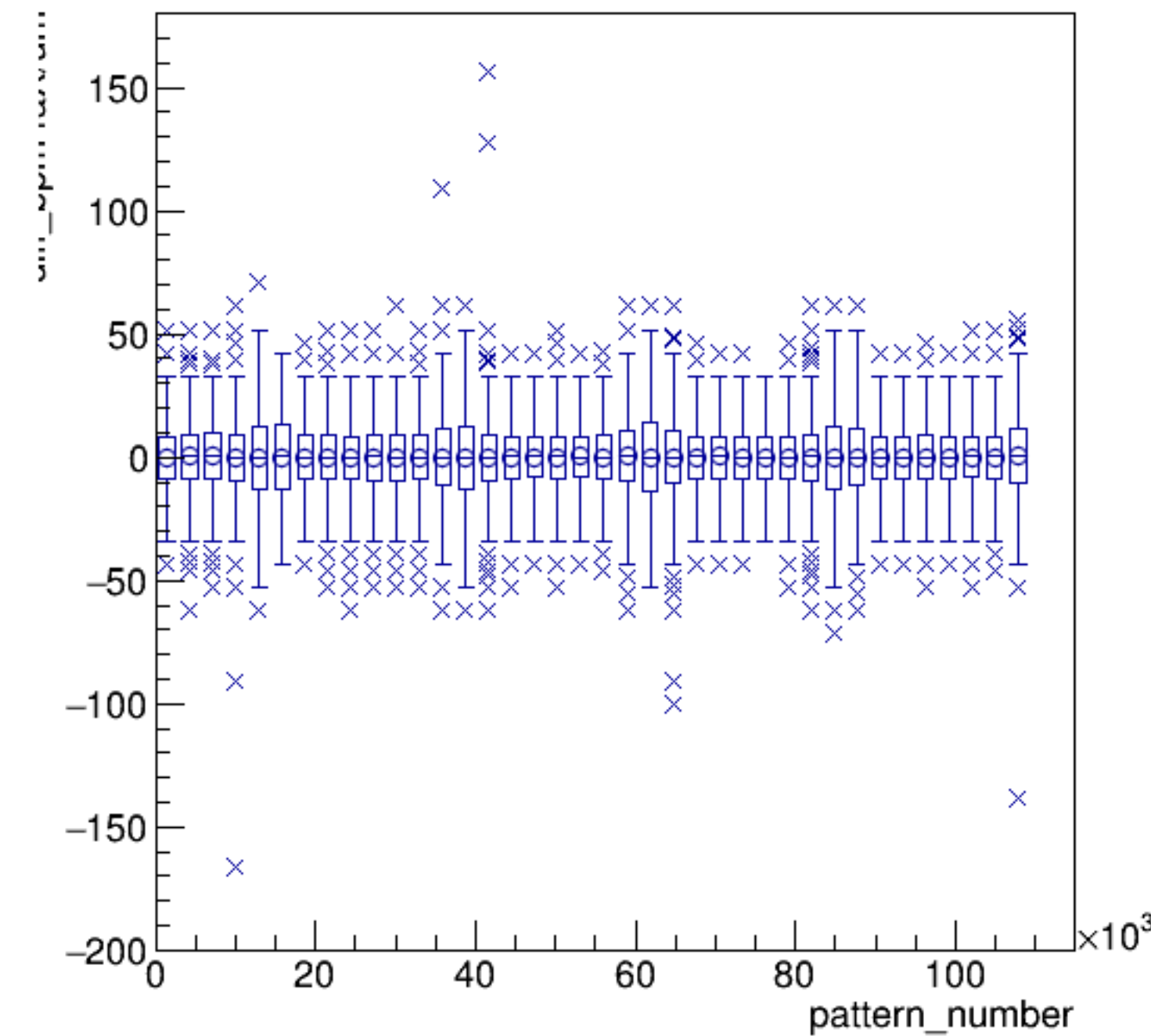


run7185_000_pairTree_bpm4aX.png

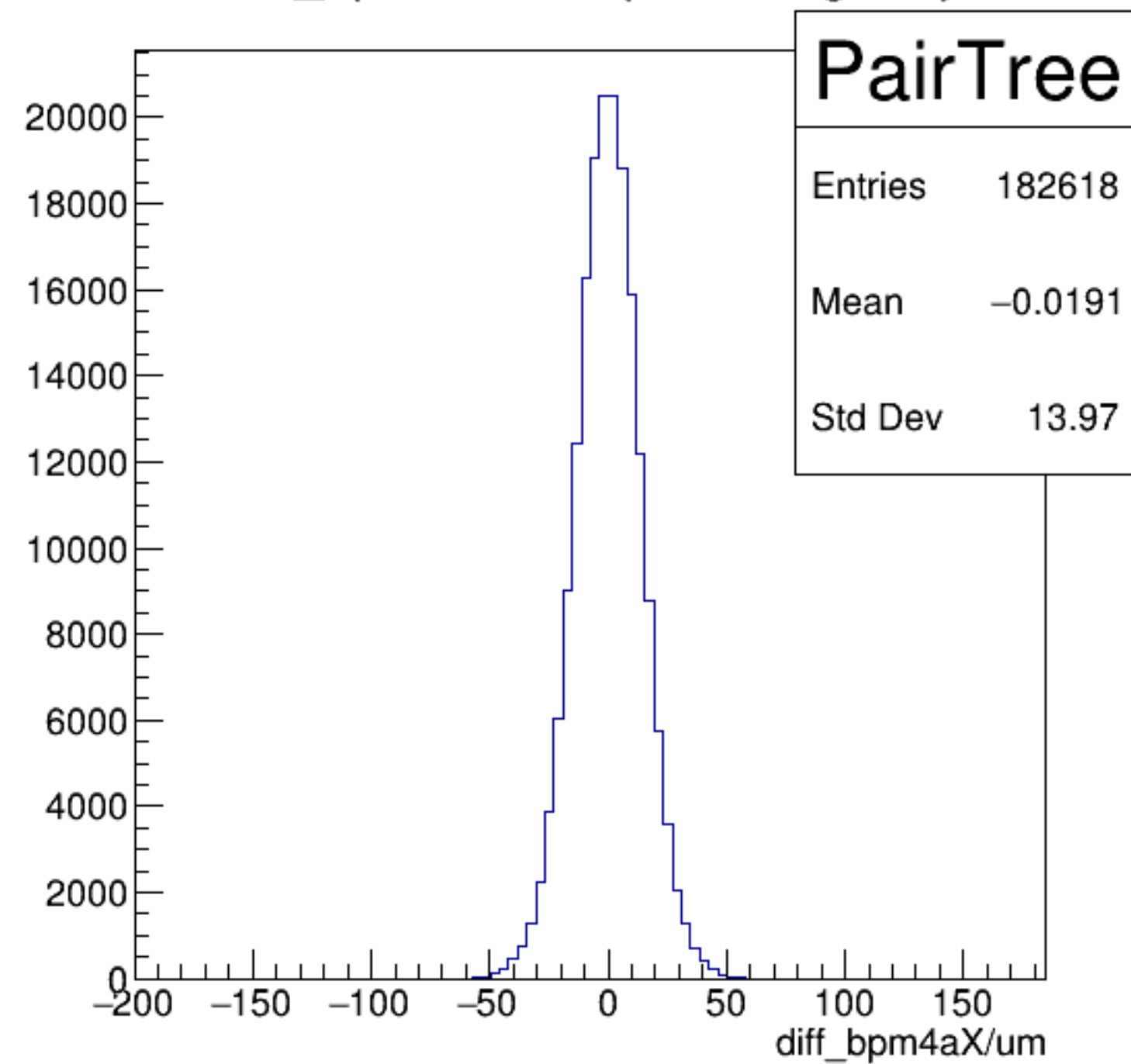
yield_bpm4aX/mm {ErrorFlag==0}

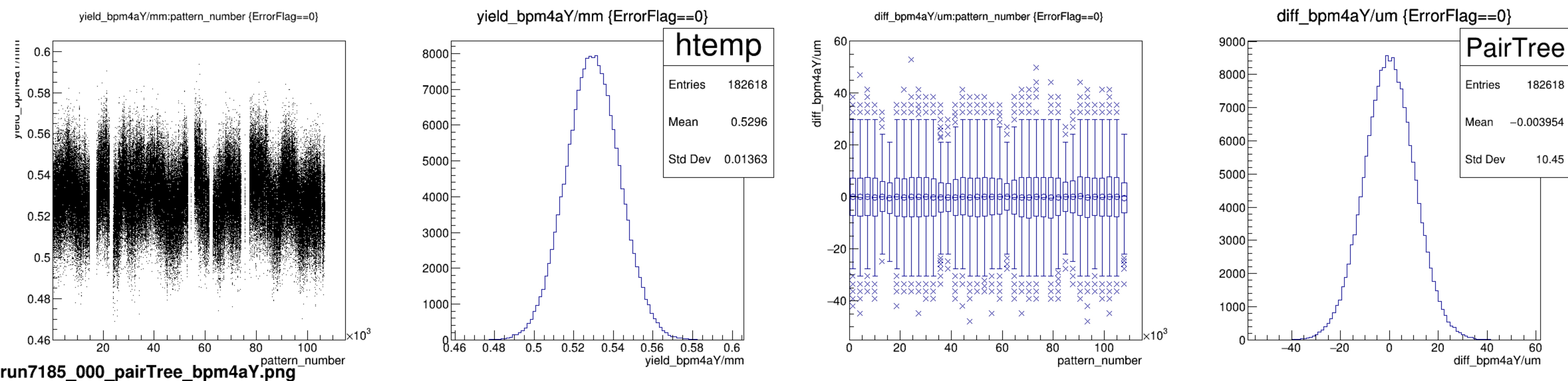


diff_bpm4aX/um:pattern_number {ErrorFlag==0}

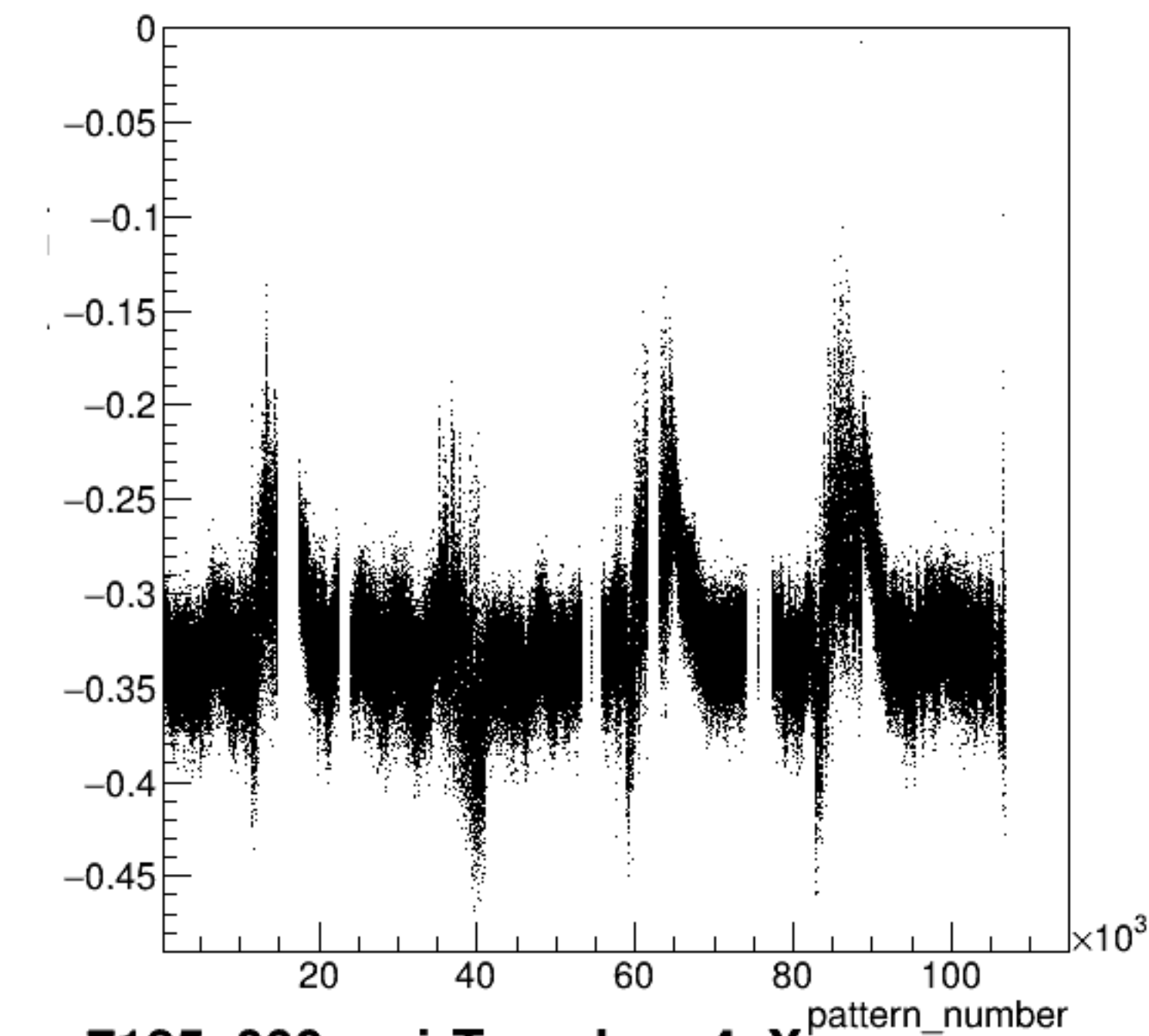


diff_bpm4aX/um {ErrorFlag==0}

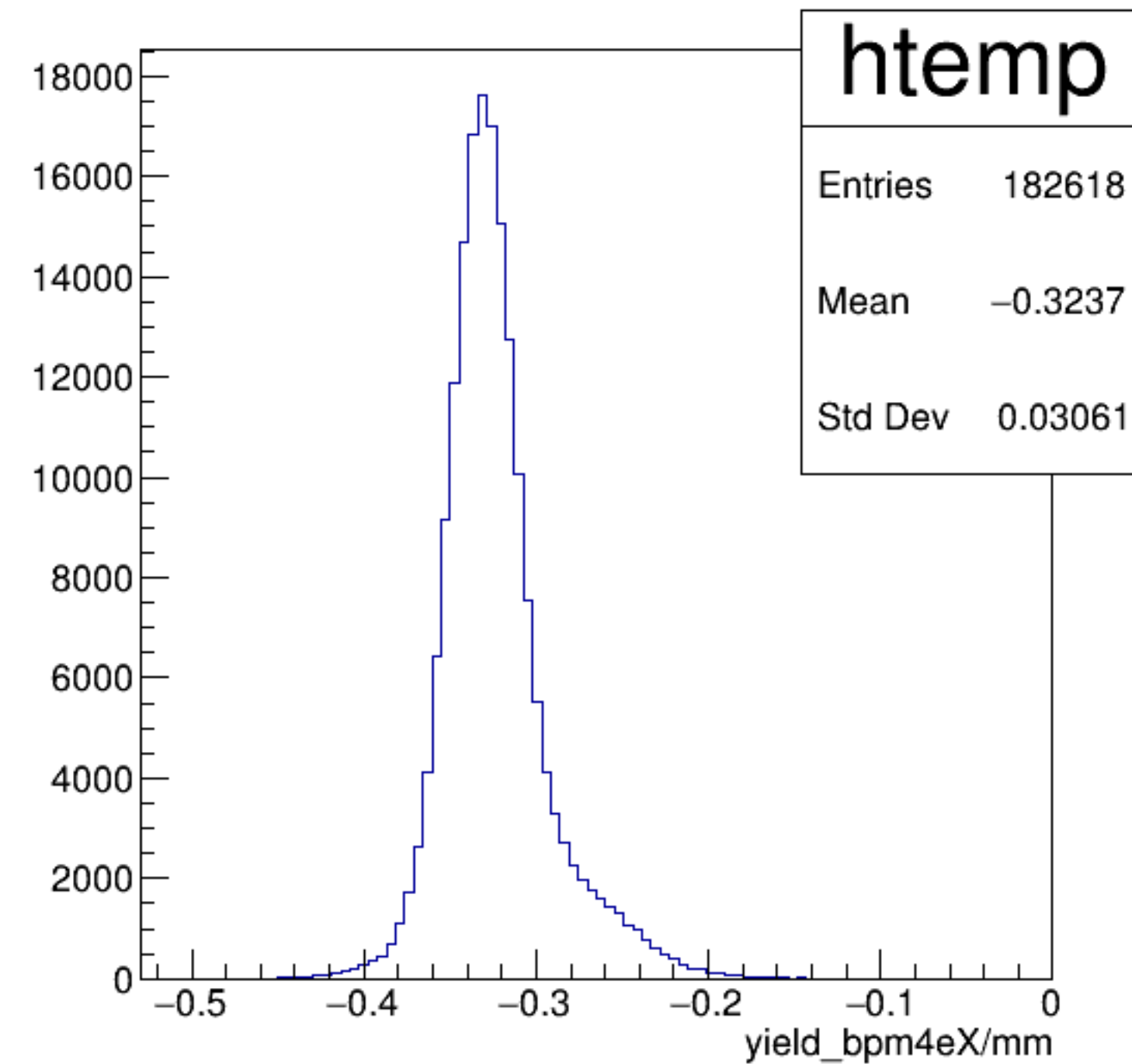




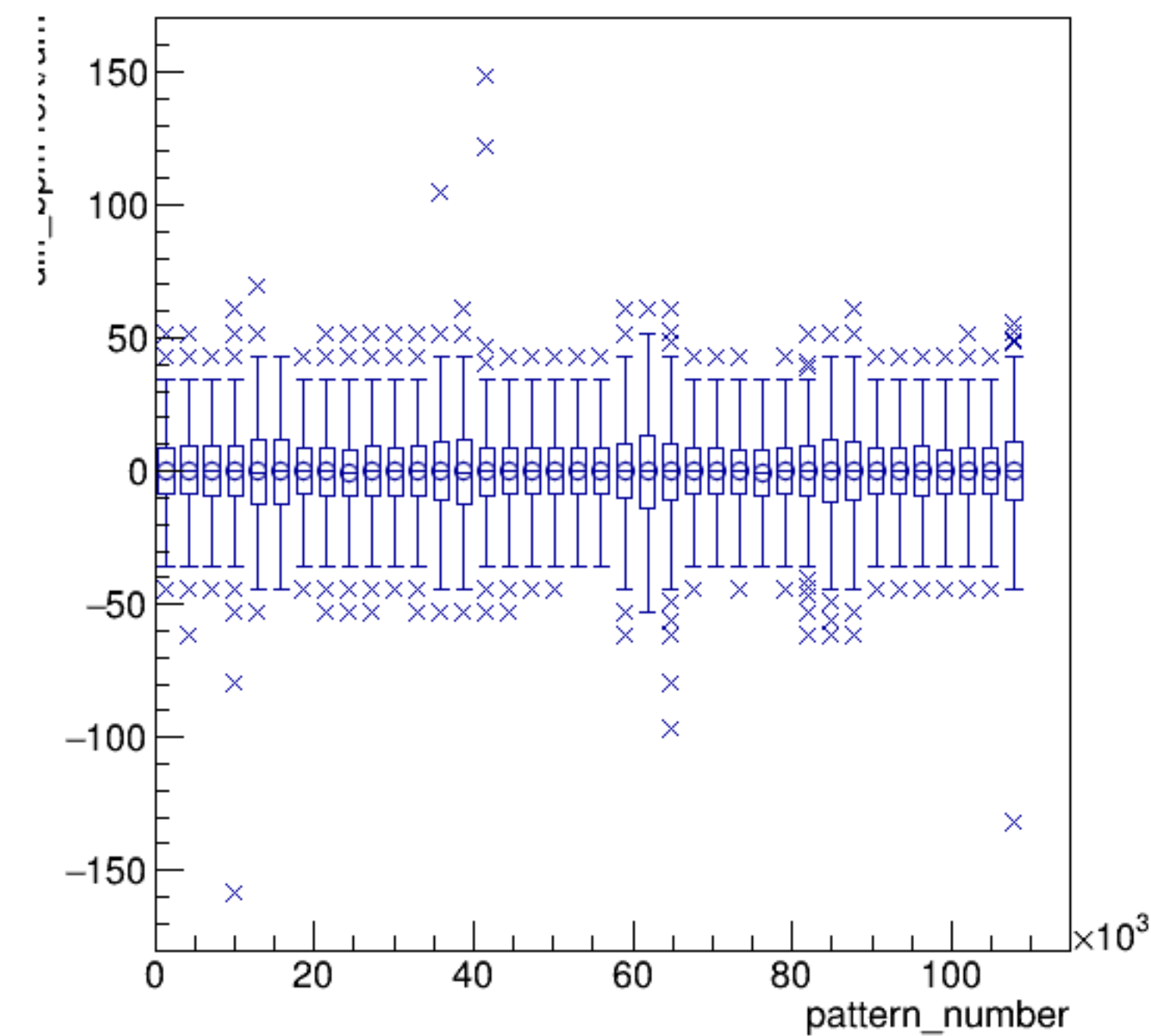
yield_bpm4eX/mm:pattern_number {ErrorFlag==0}



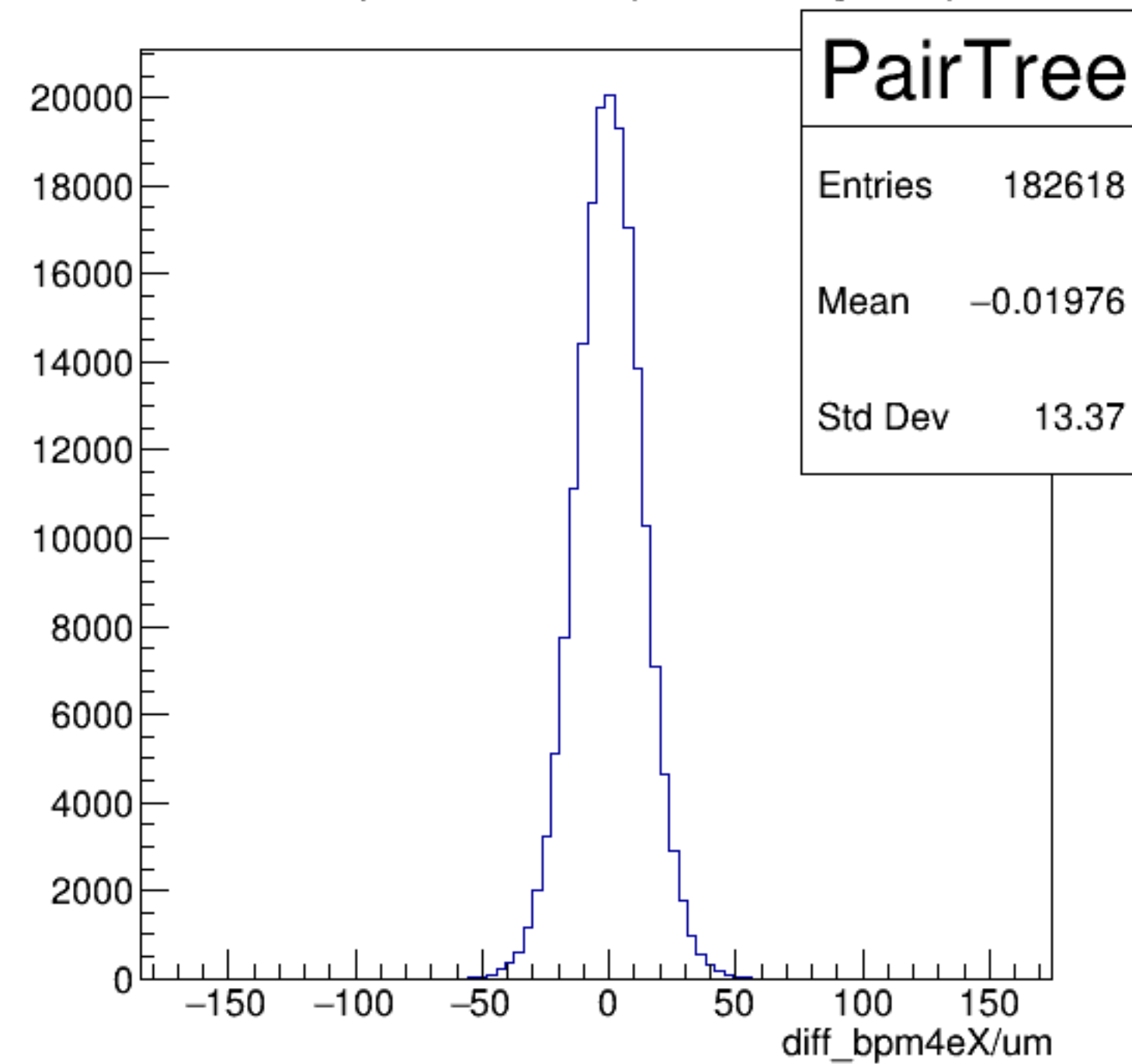
yield_bpm4eX/mm {ErrorFlag==0}

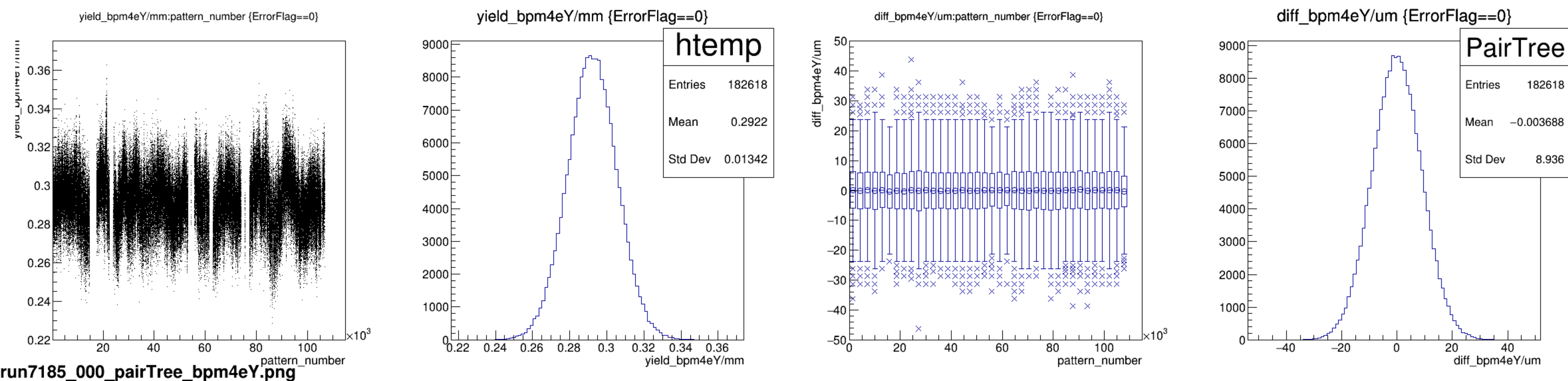


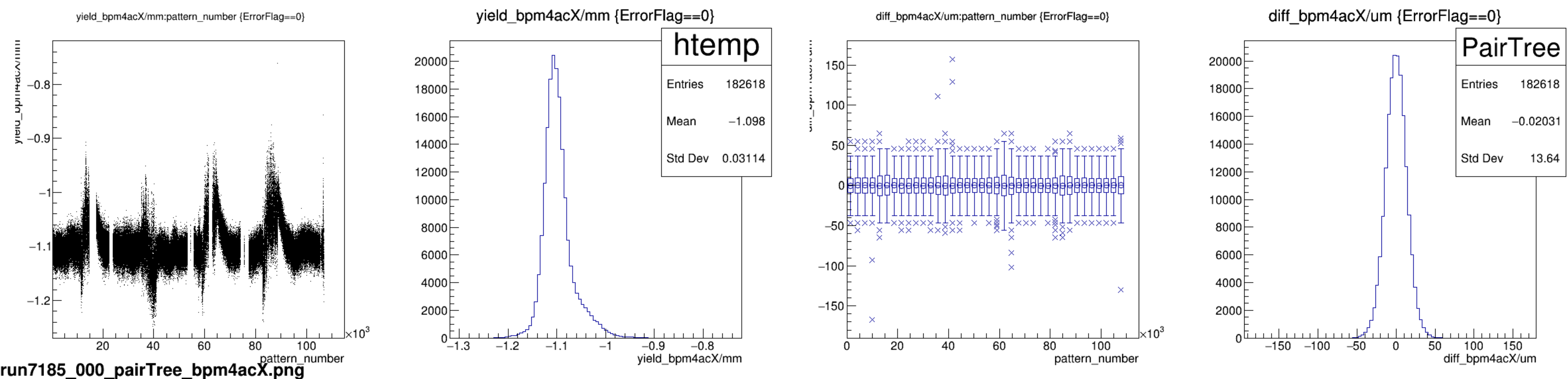
diff_bpm4eX/um:pattern_number {ErrorFlag==0}

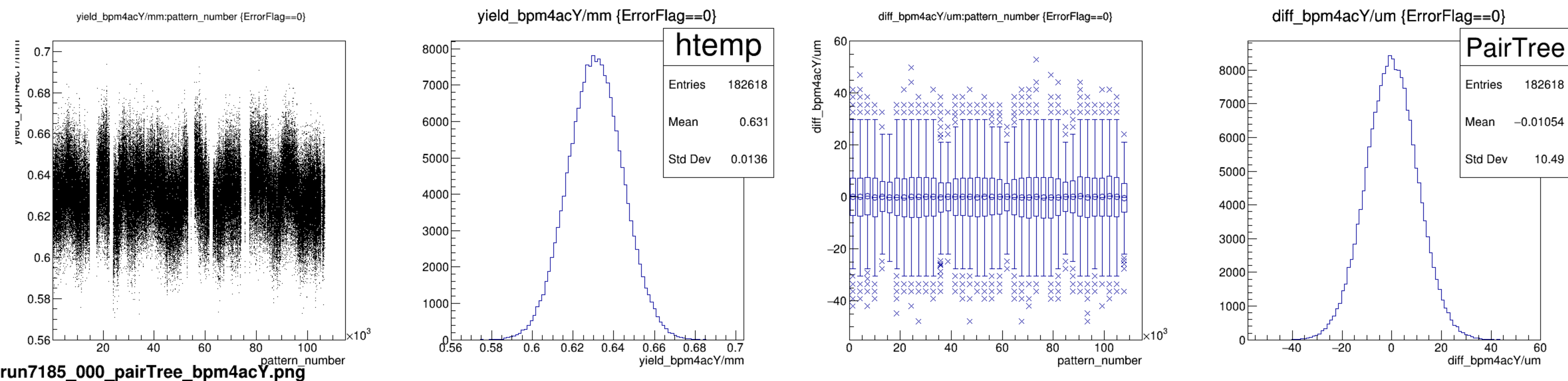


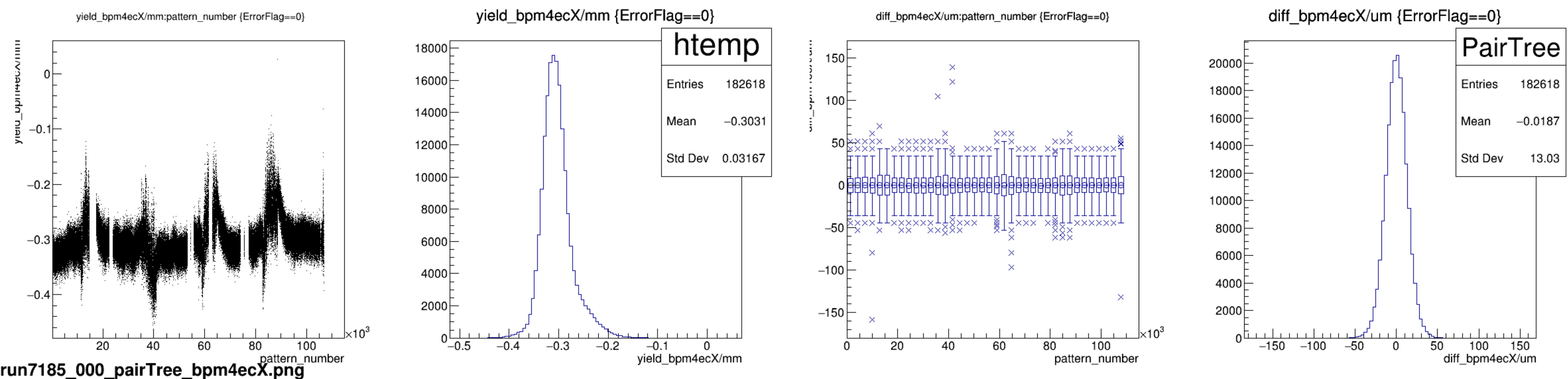
diff_bpm4eX/um {ErrorFlag==0}



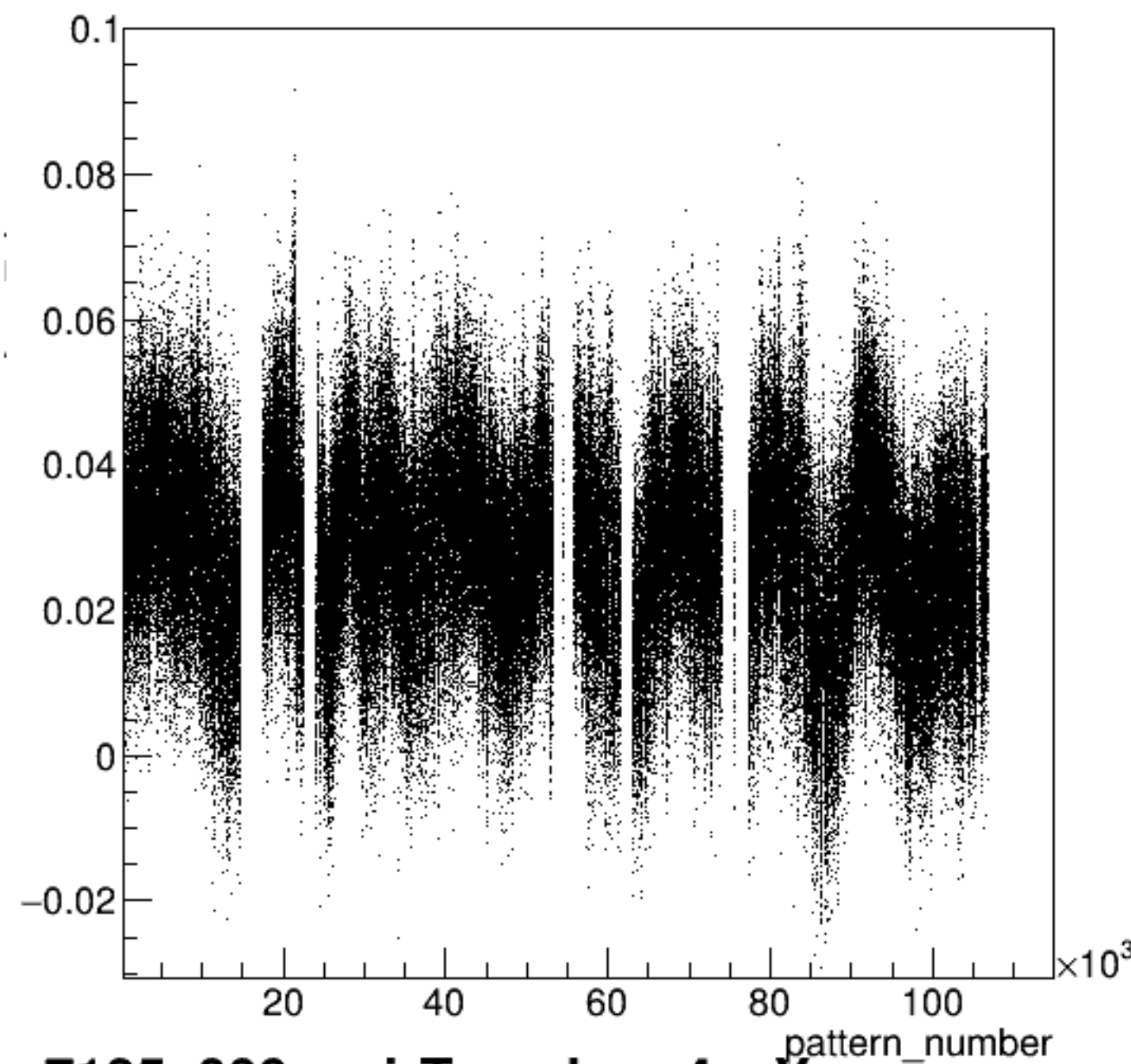




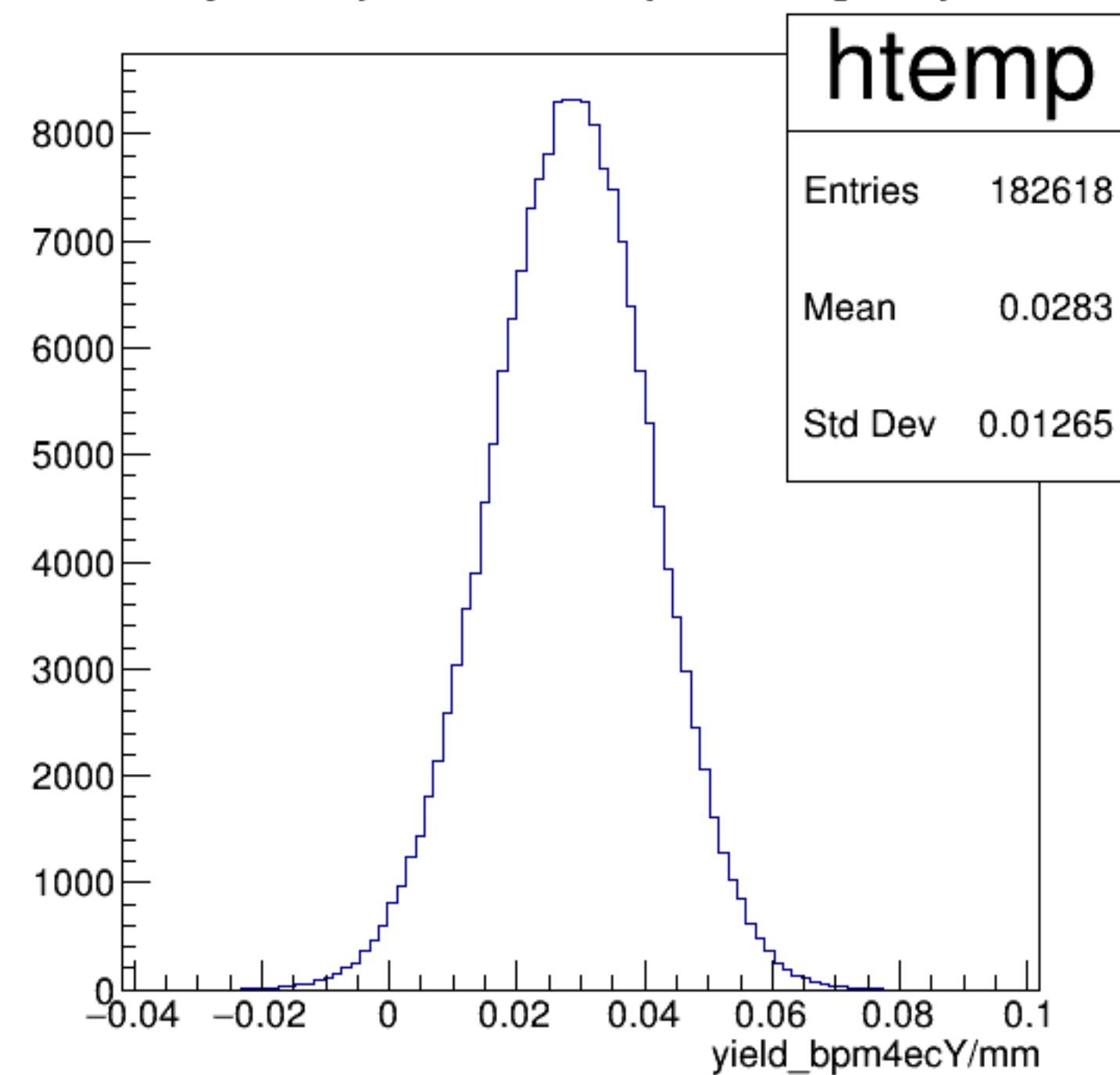




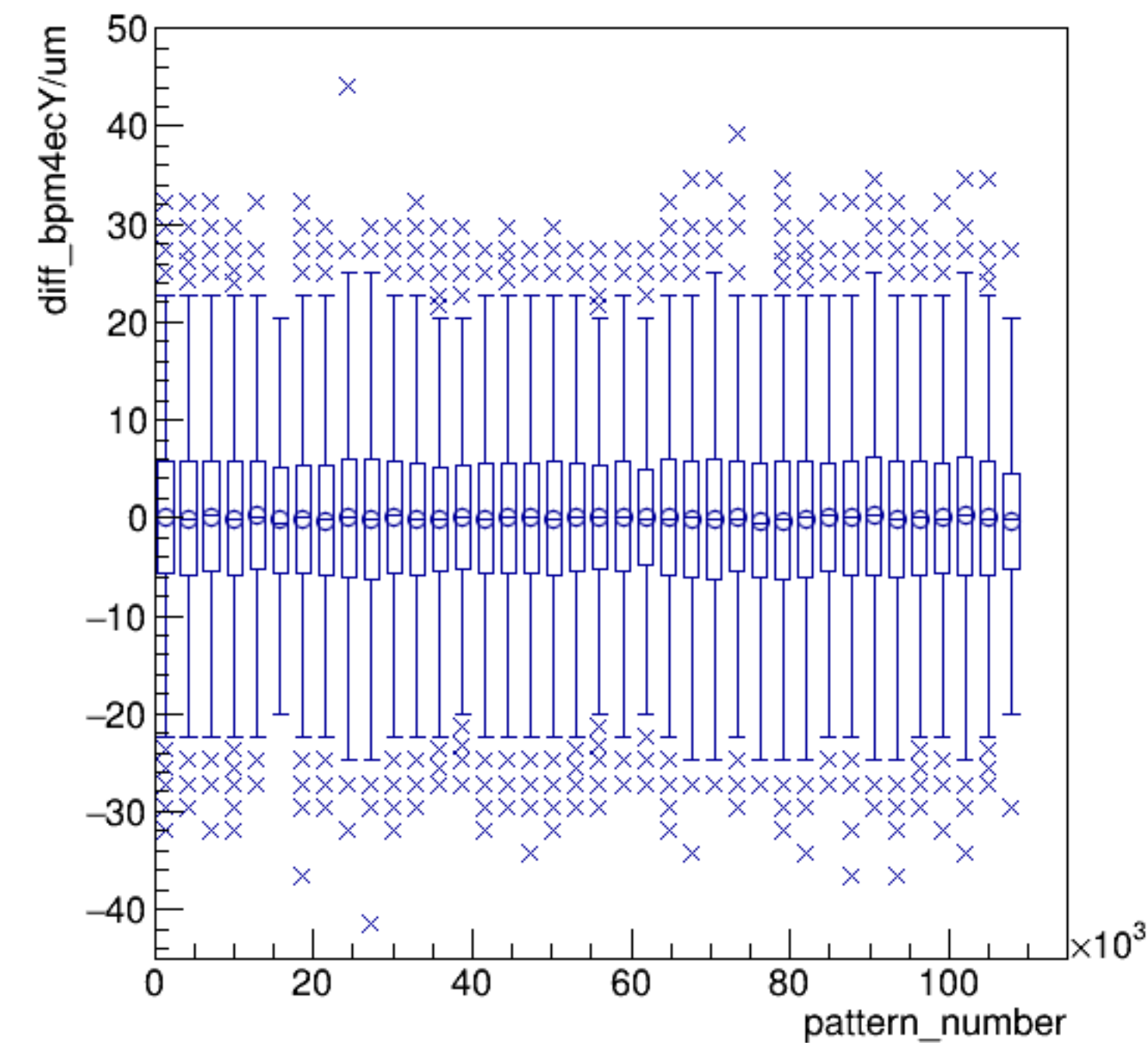
yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}



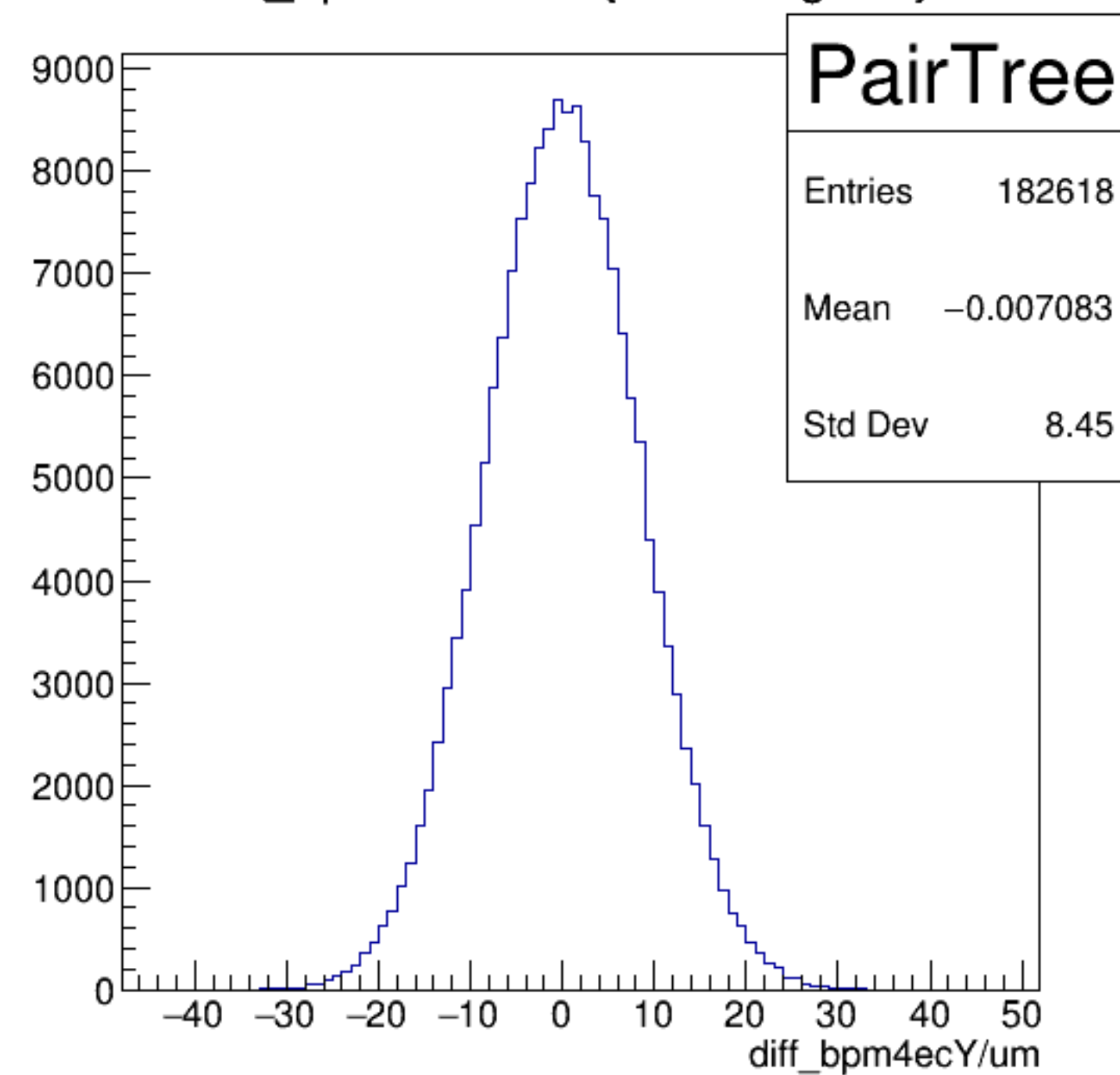
yield_bpm4ecY/mm {ErrorFlag==0}

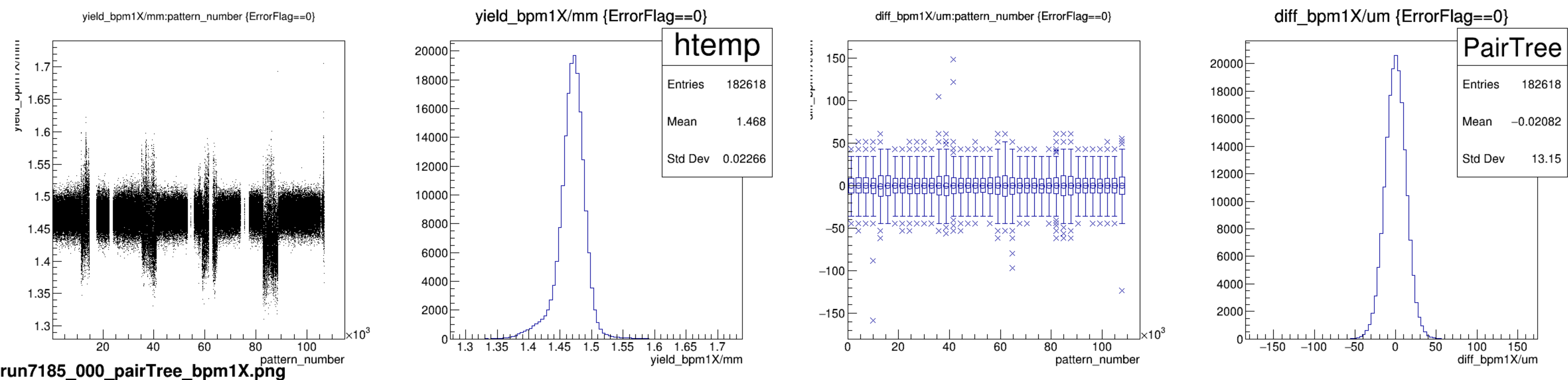


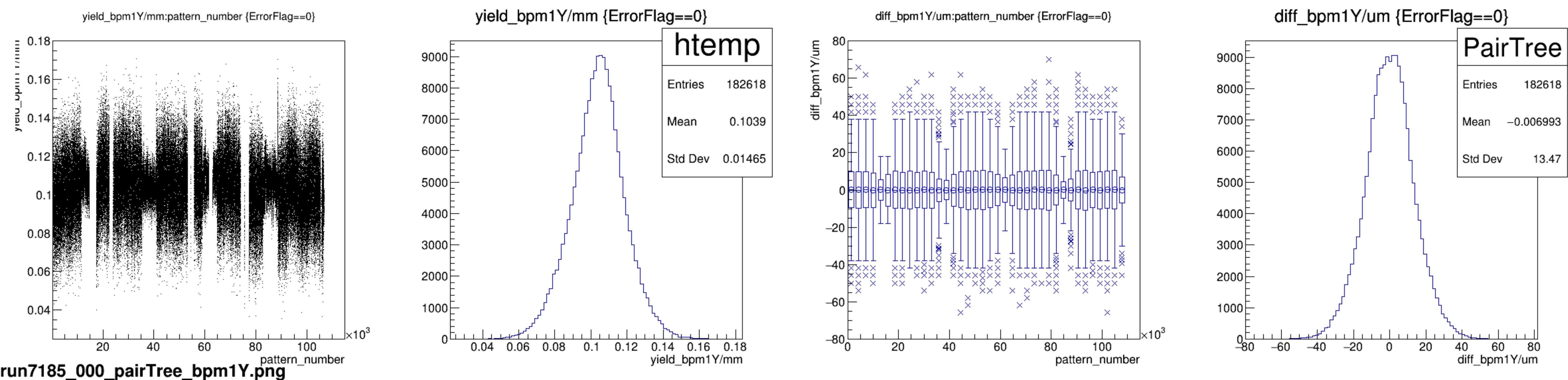
diff_bpm4ecY/um:pattern_number {ErrorFlag==0}

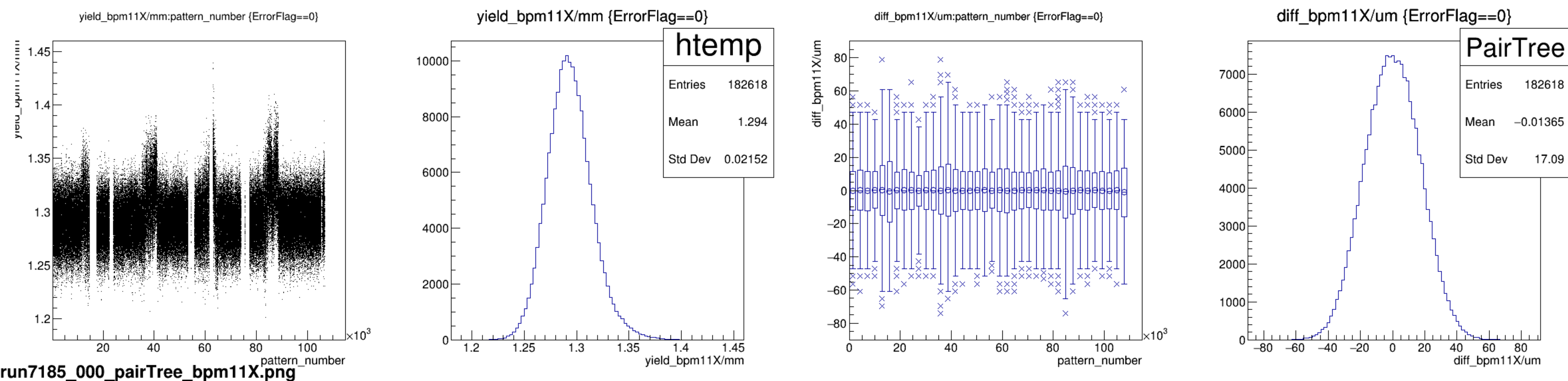


diff_bpm4ecY/um {ErrorFlag==0}

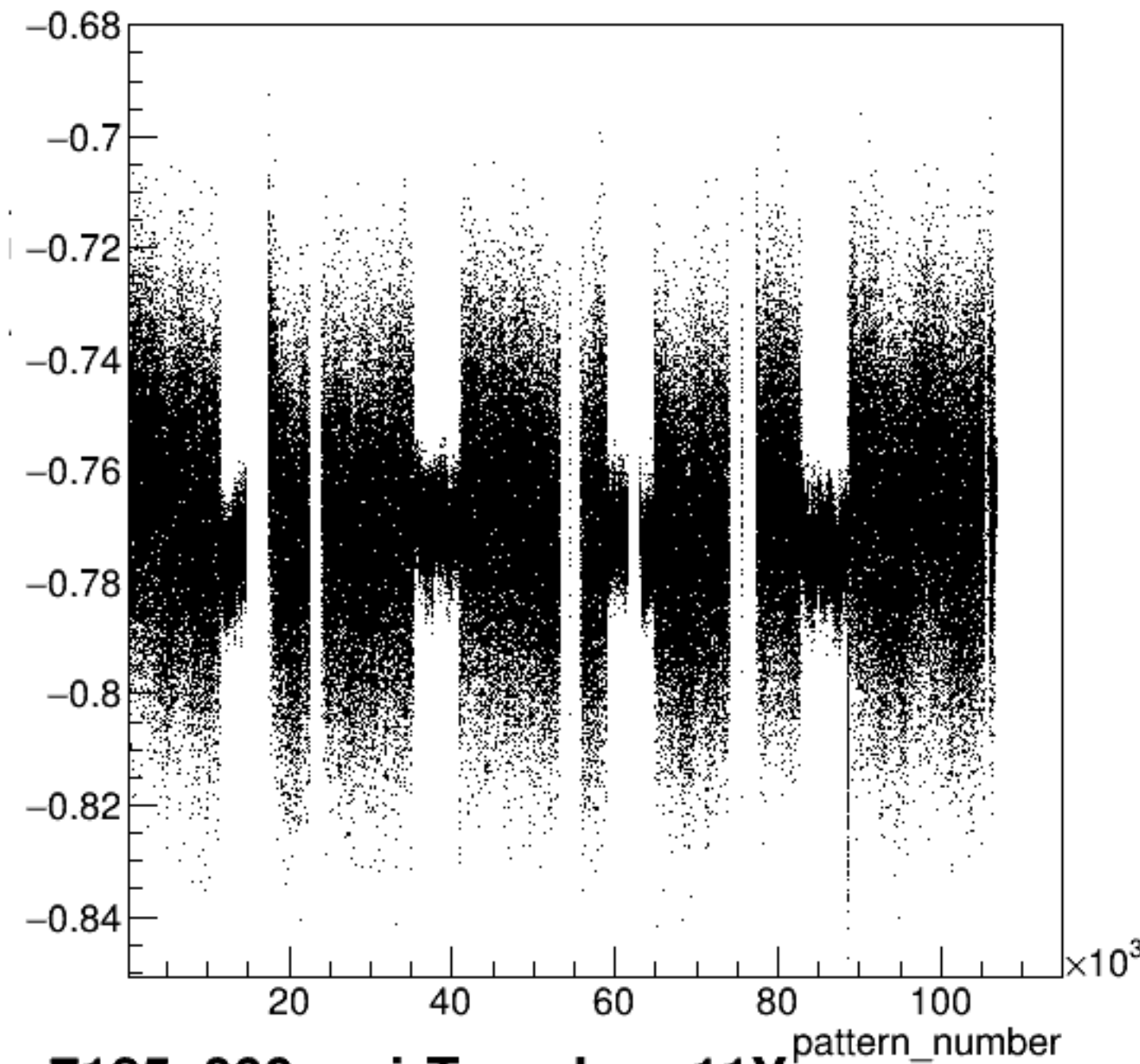






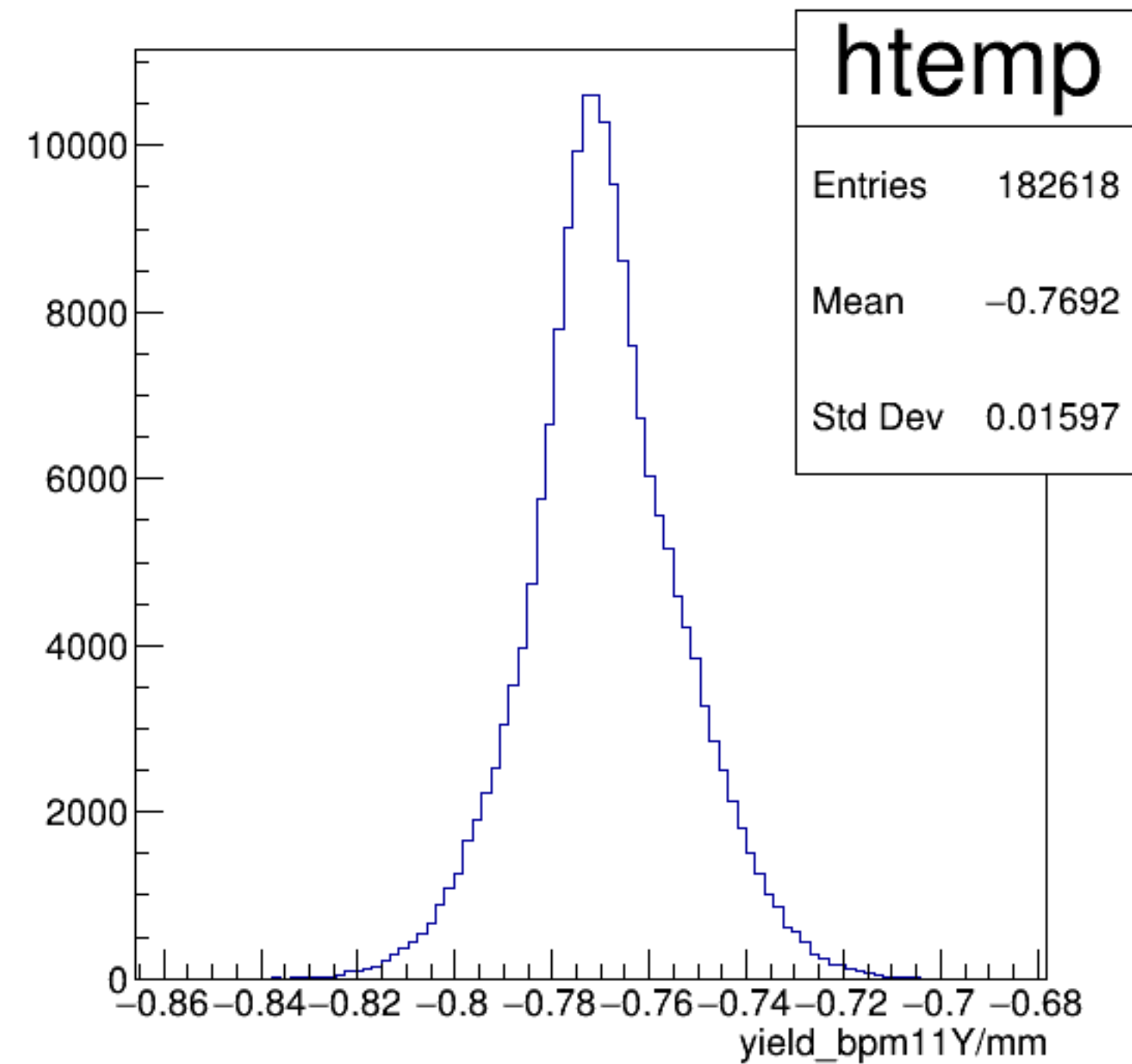


yield_bpm11Y/mm:pattern_number {ErrorFlag==0}

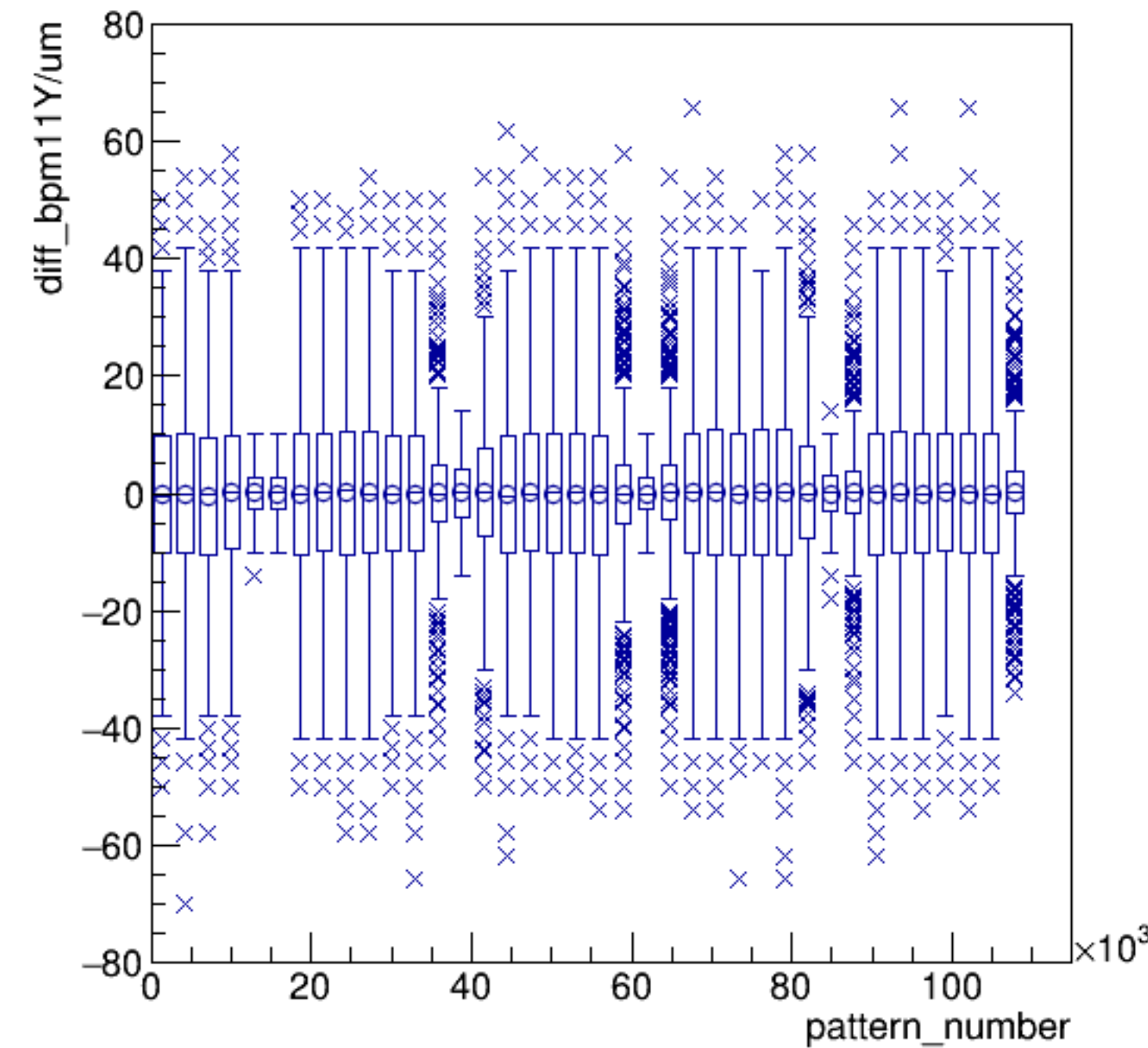


run7185_000_pairTree_bpm11Y.png

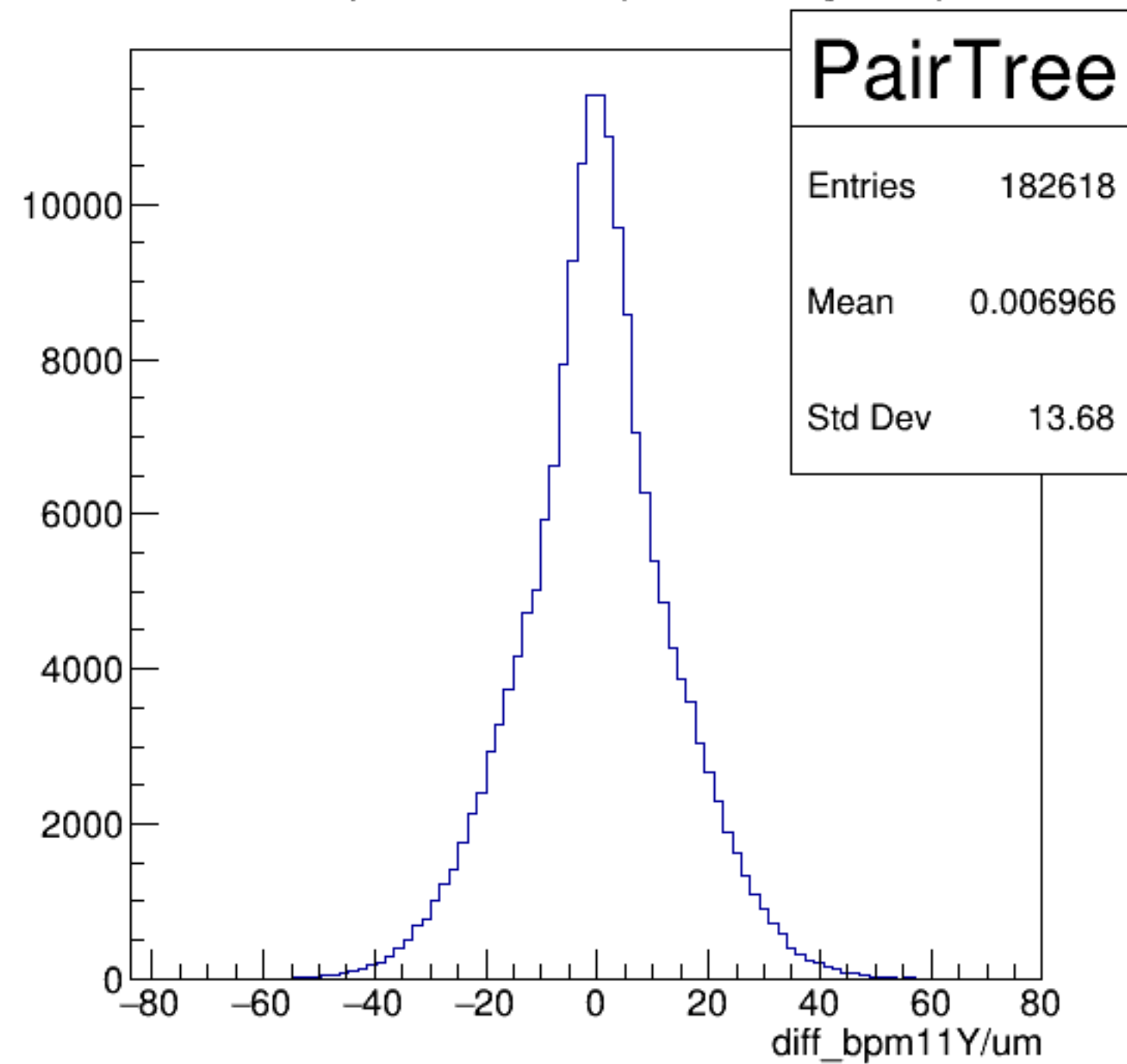
yield_bpm11Y/mm {ErrorFlag==0}



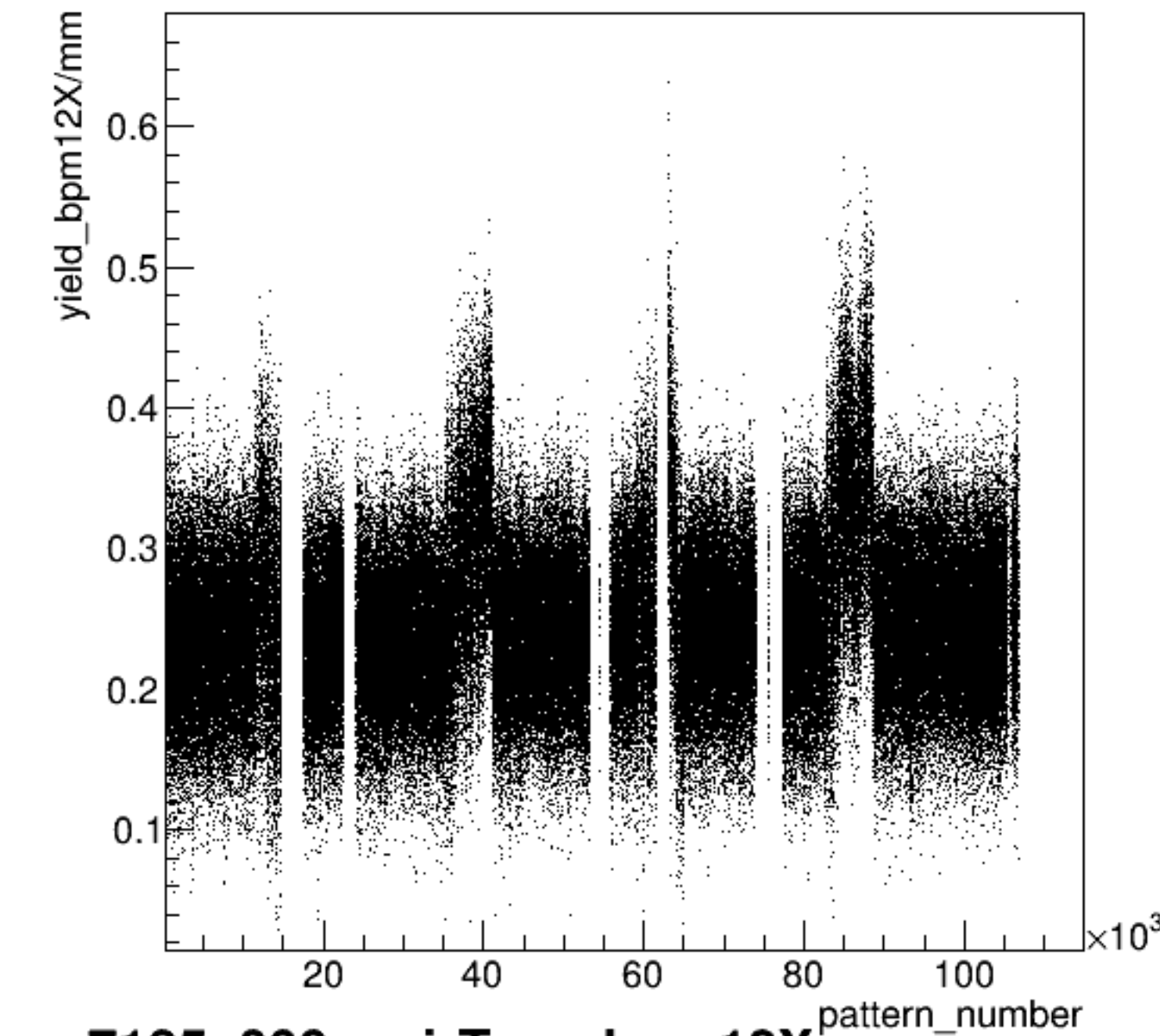
diff_bpm11Y/um:pattern_number {ErrorFlag==0}



diff_bpm11Y/um {ErrorFlag==0}

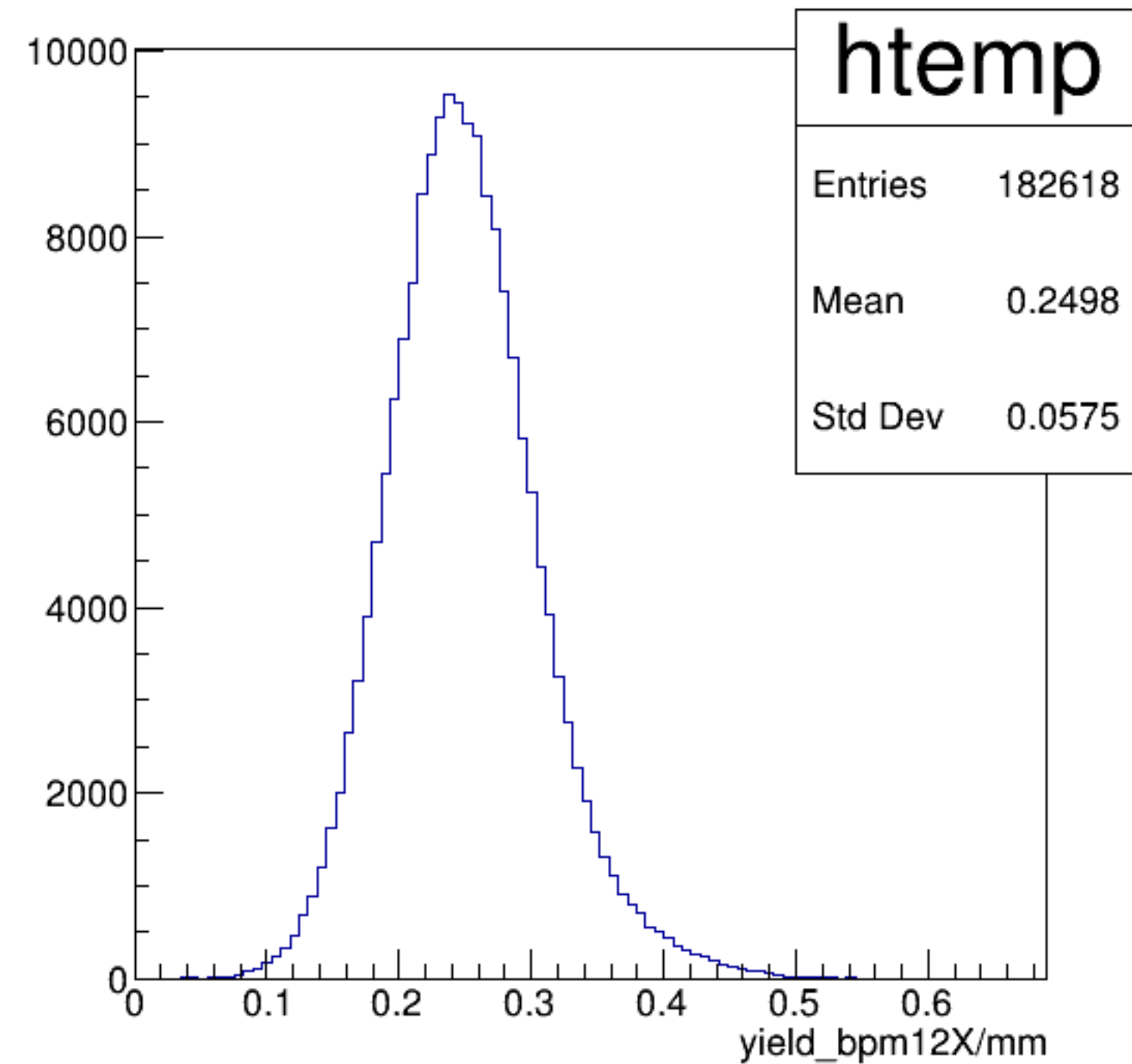


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

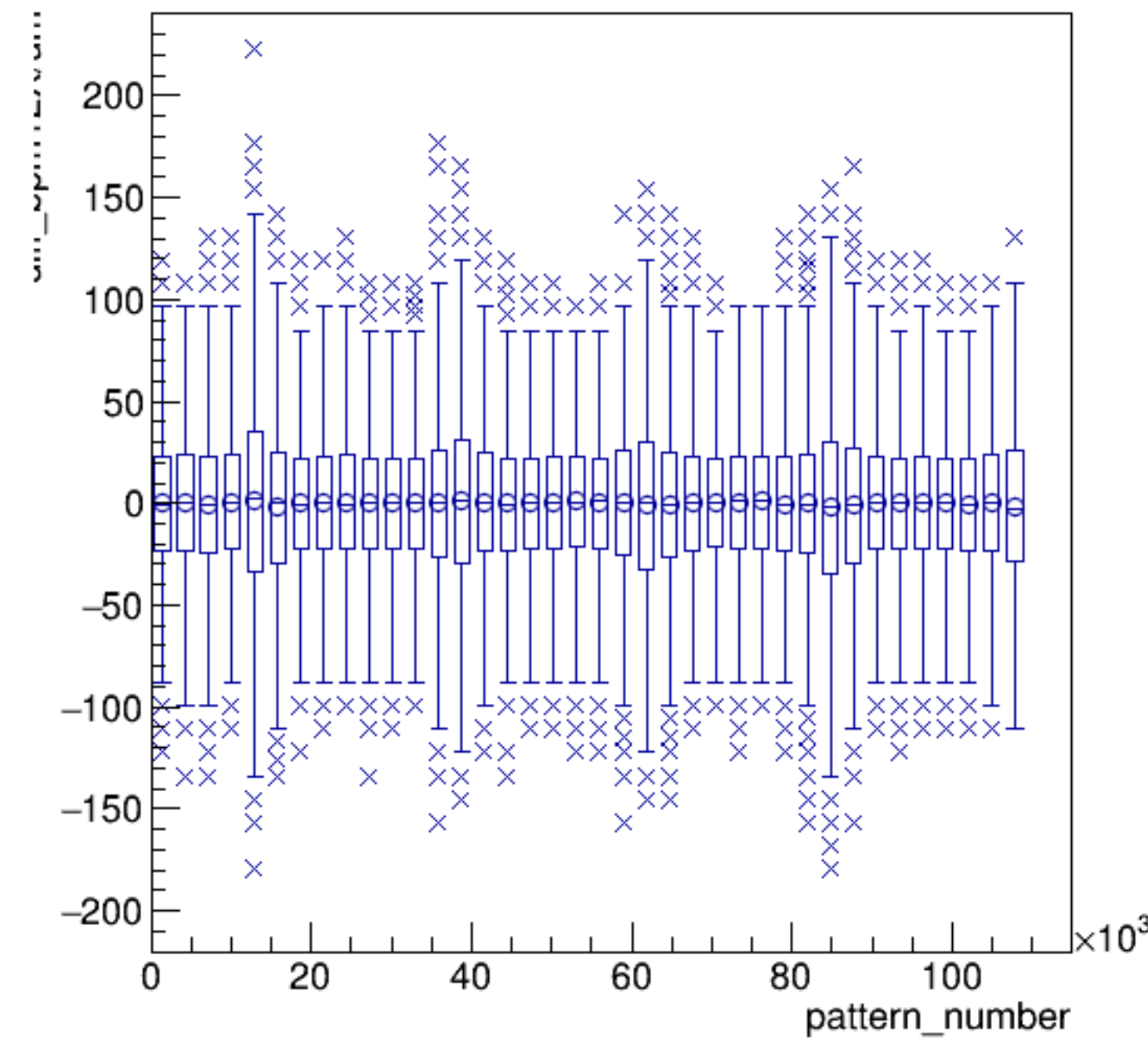


run7185_000_pairTree_bpm12X.png

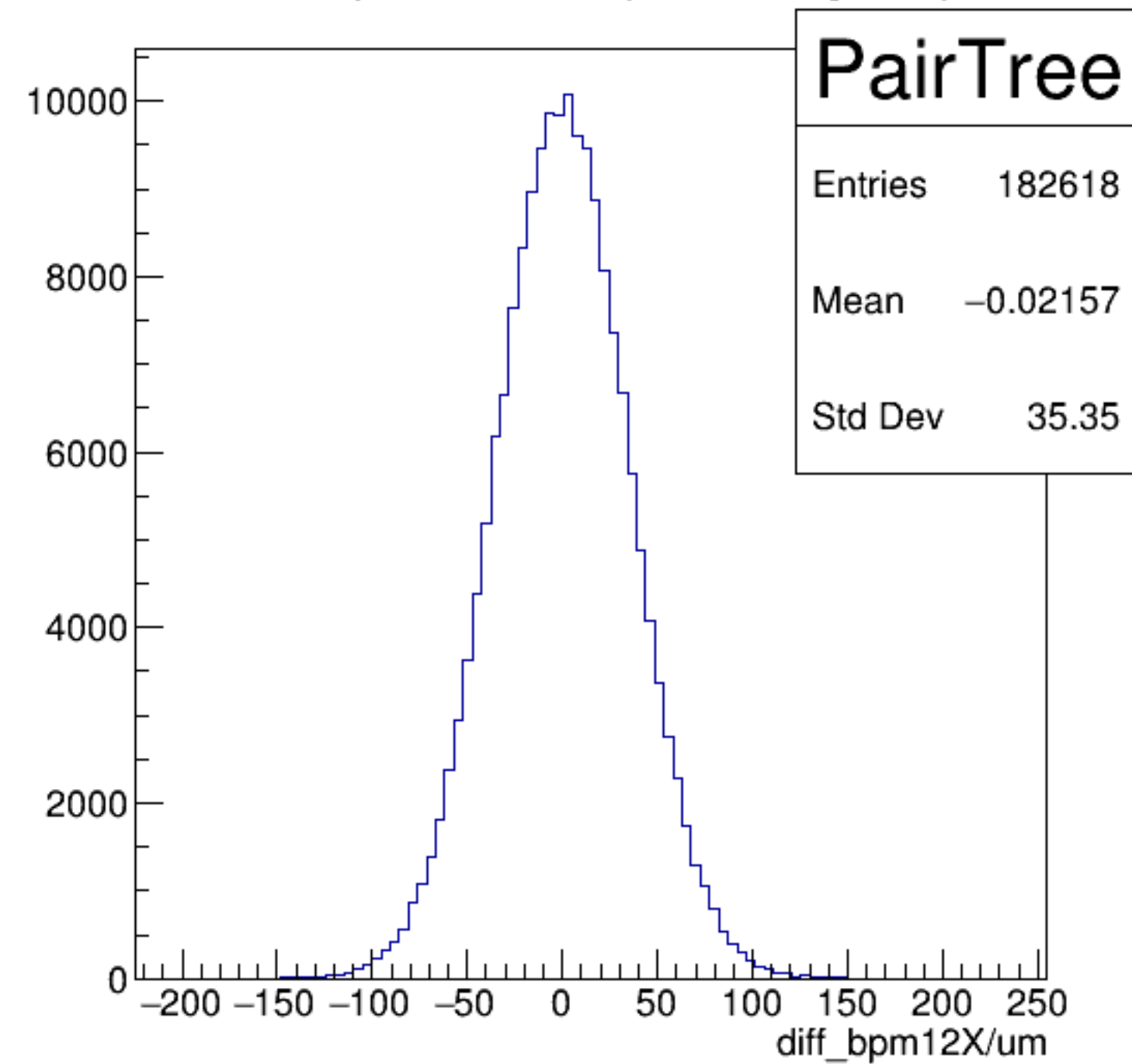
yield_bpm12X/mm {ErrorFlag==0}

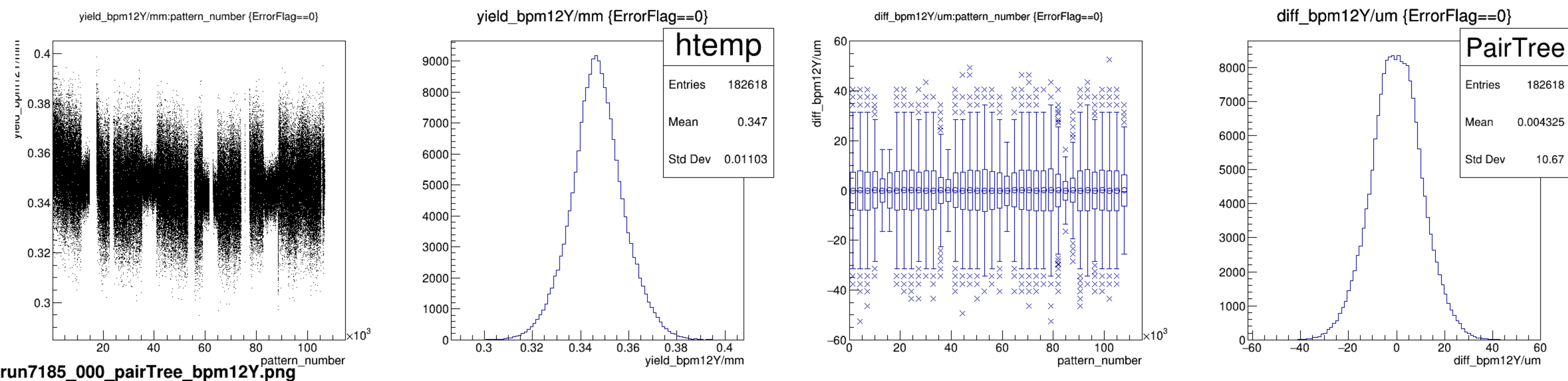


diff_bpm12X/um:pattern_number {ErrorFlag==0}

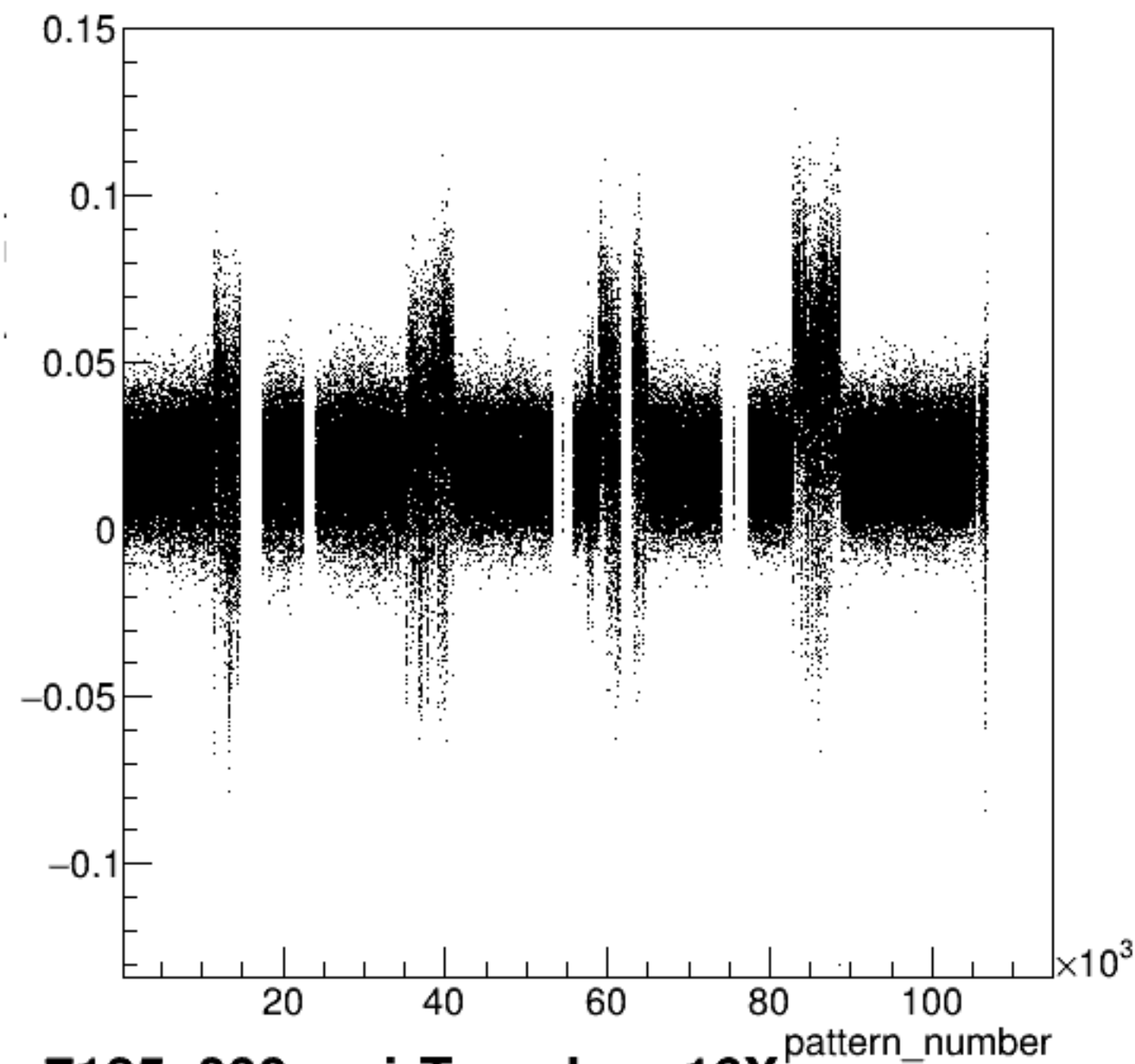


diff_bpm12X/um {ErrorFlag==0}



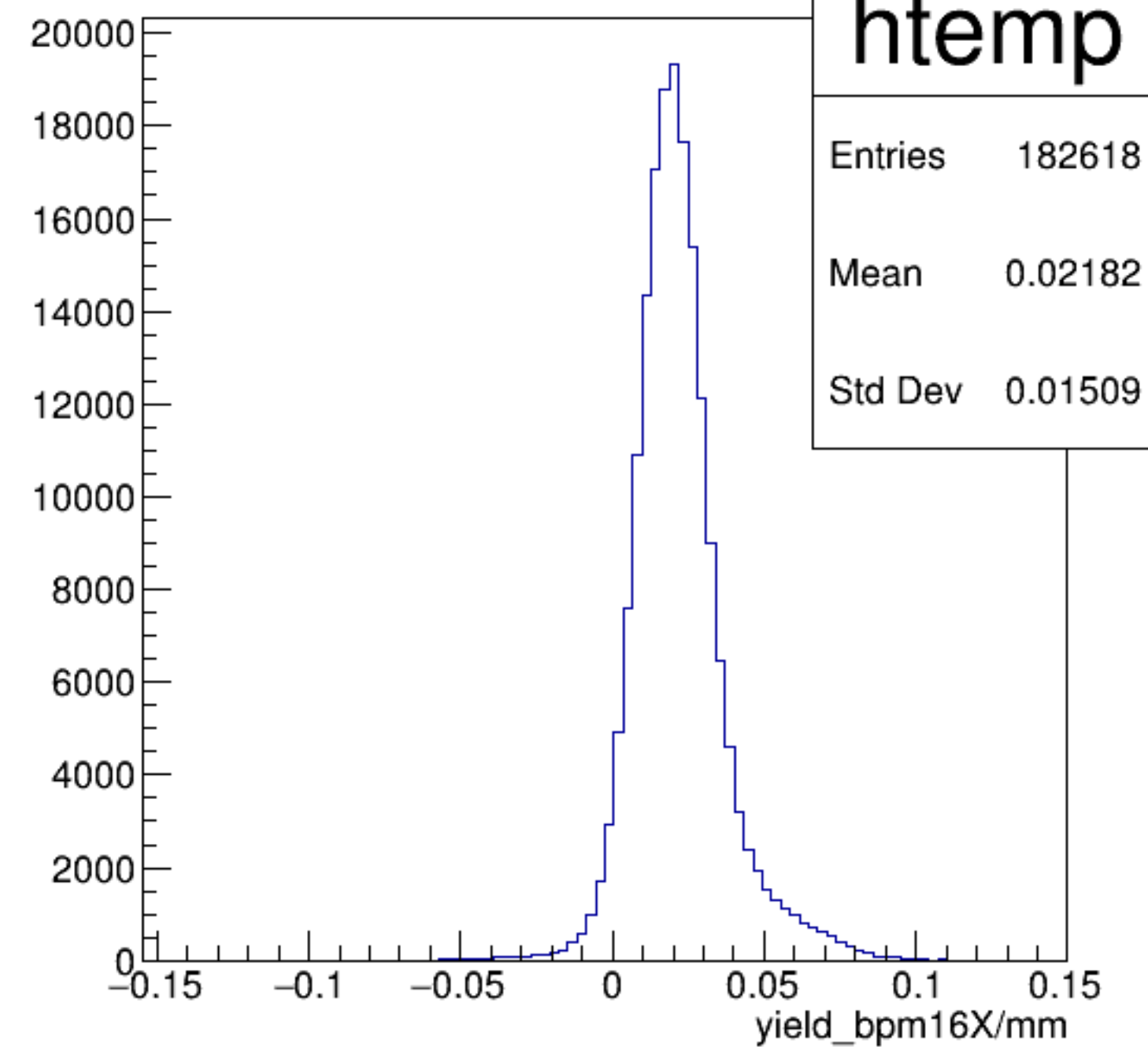


yield_bpm16X/mm:pattern_number {ErrorFlag==0}

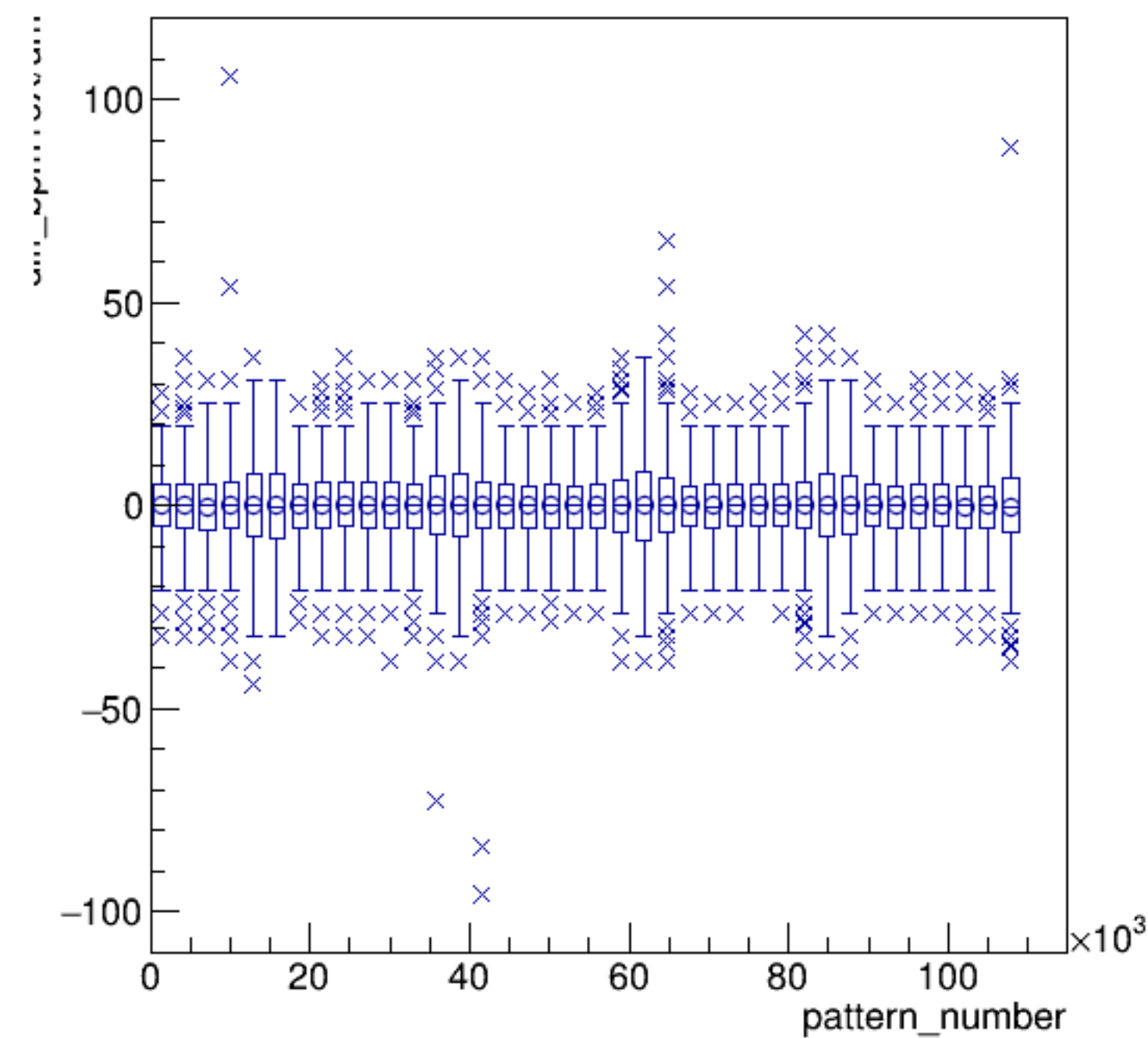


run7185_000_pairTree_bpm16X.png

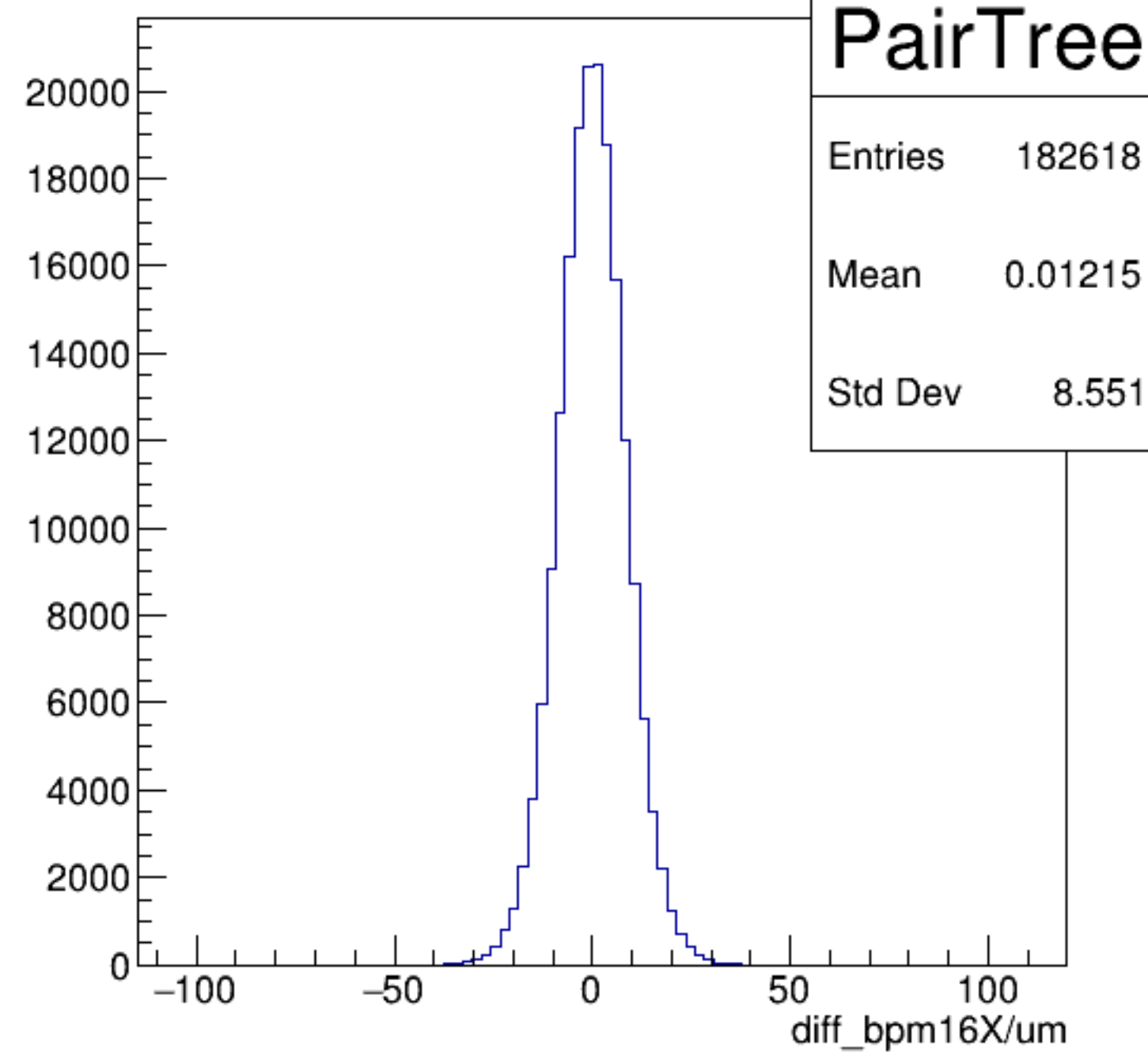
yield_bpm16X/mm {ErrorFlag==0}



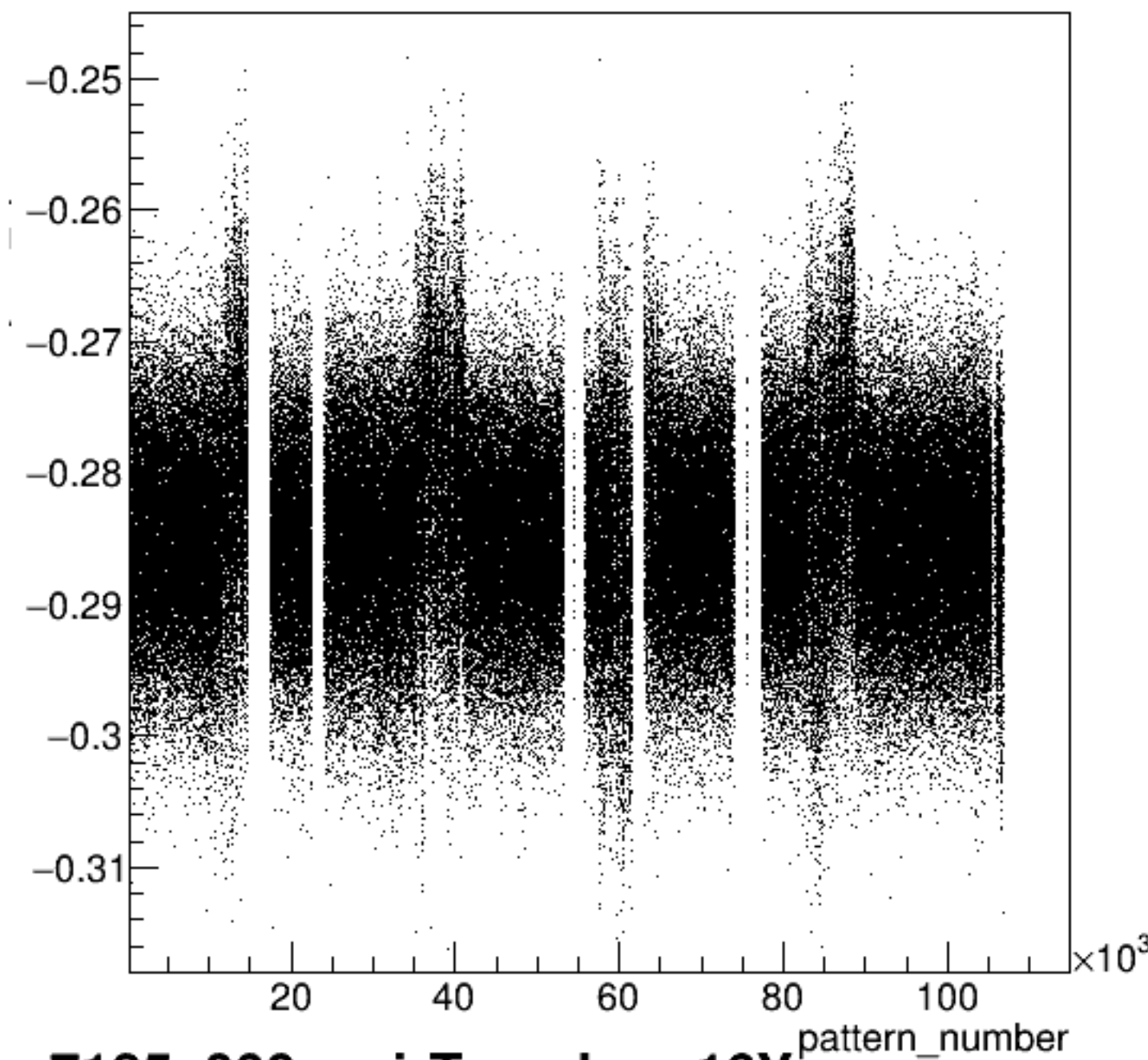
diff_bpm16X/um:pattern_number {ErrorFlag==0}



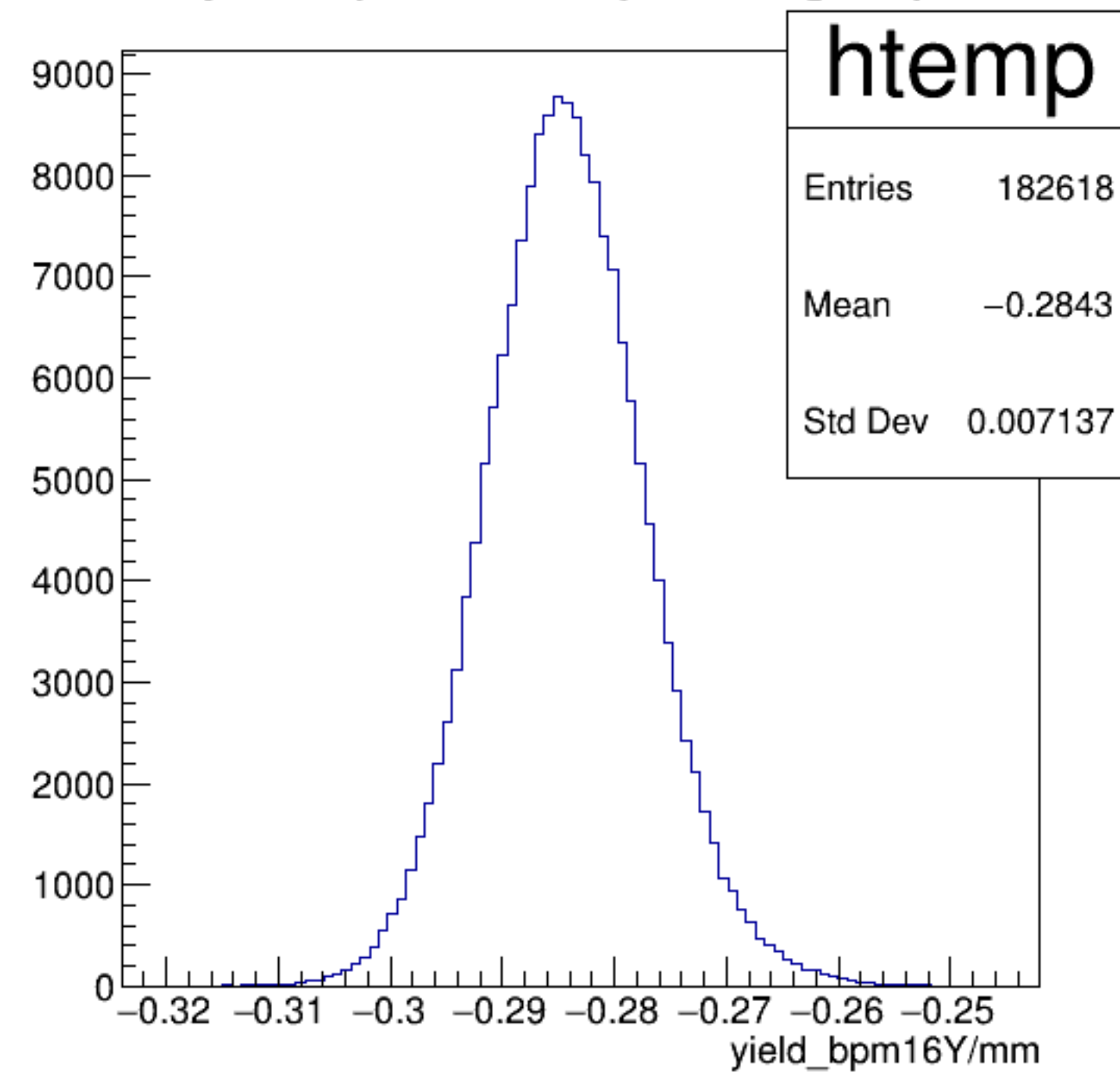
diff_bpm16X/um {ErrorFlag==0}



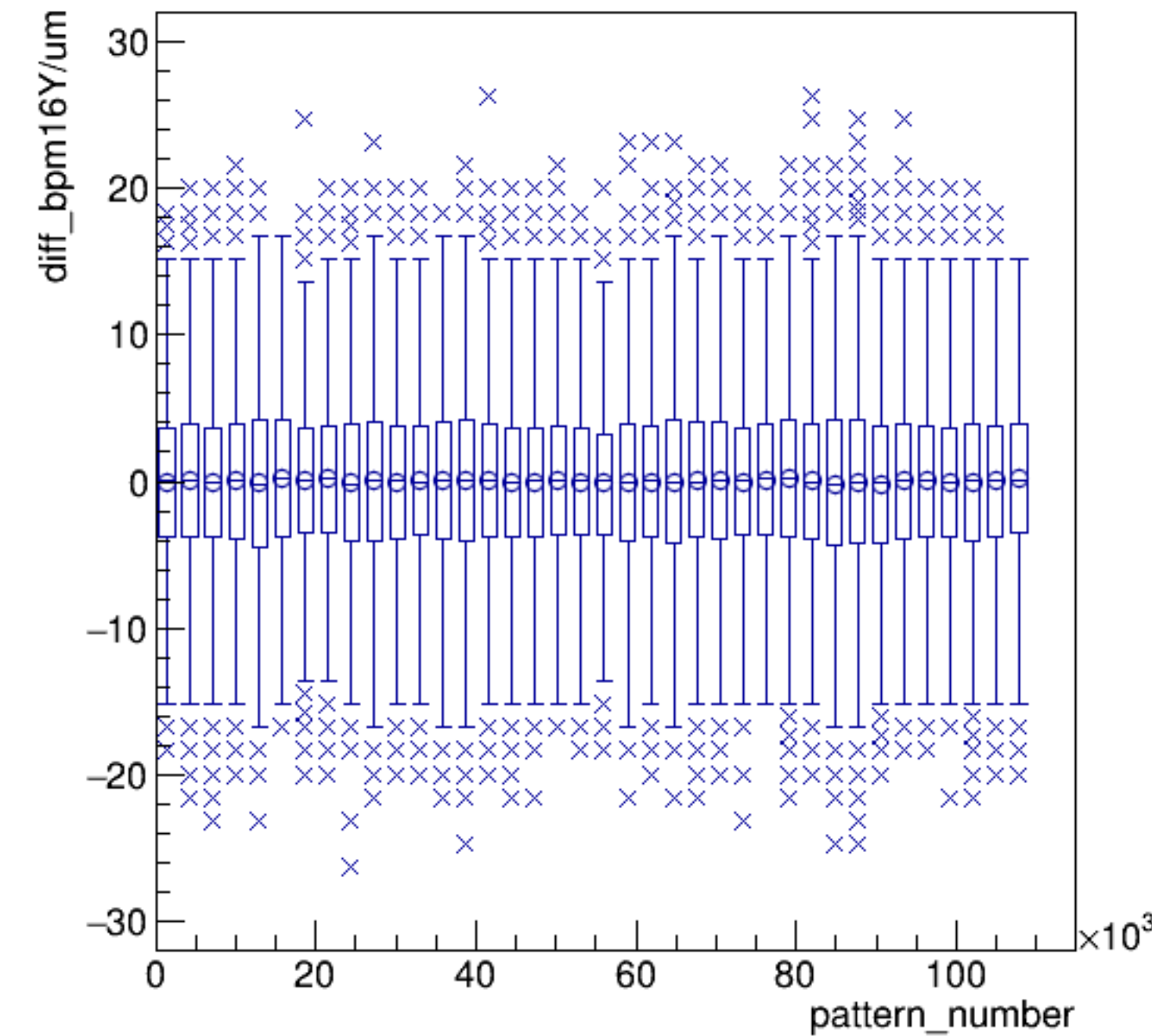
yield_bpm16Y/mm:pattern_number {ErrorFlag==0}



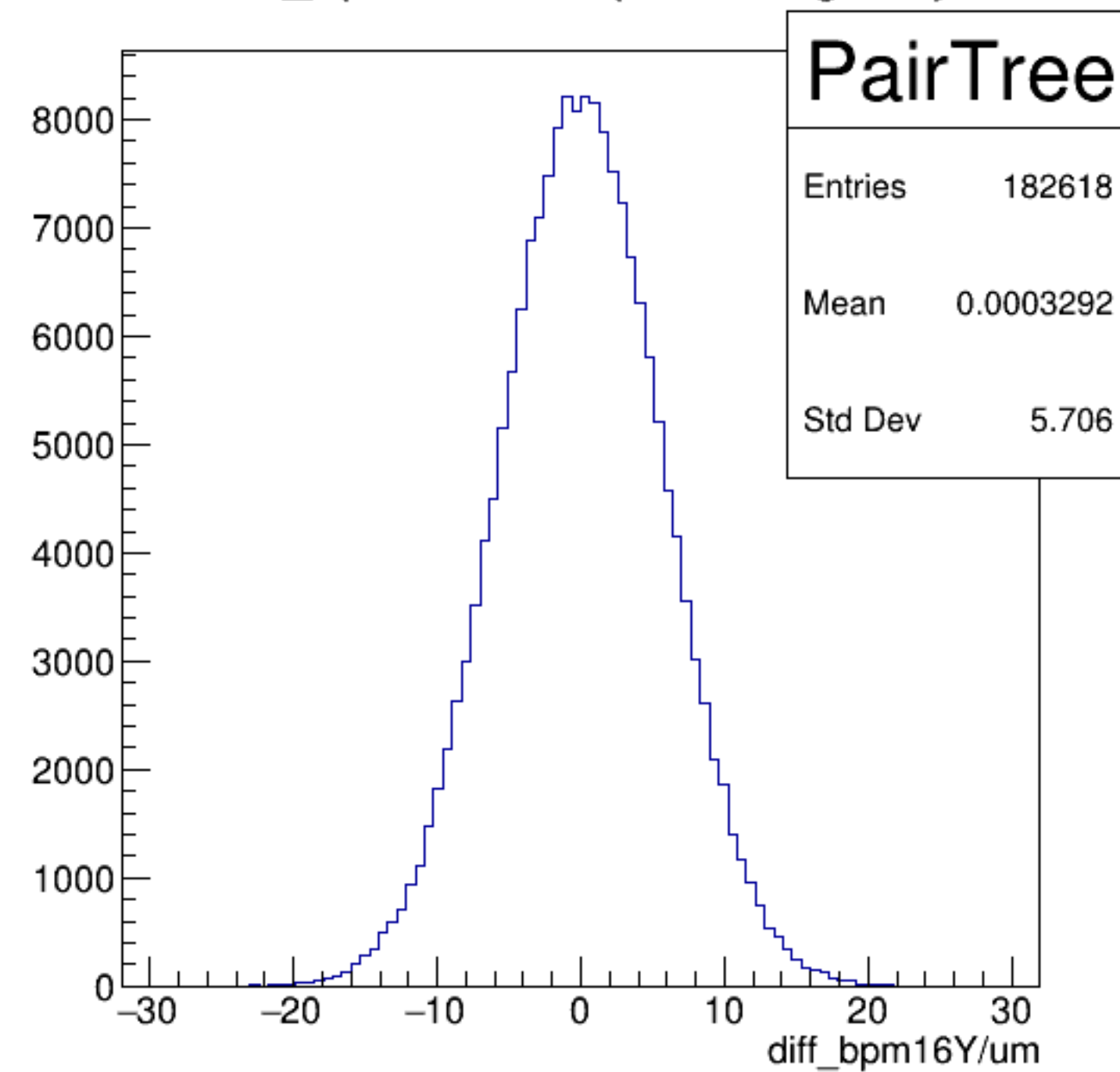
yield_bpm16Y/mm {ErrorFlag==0}



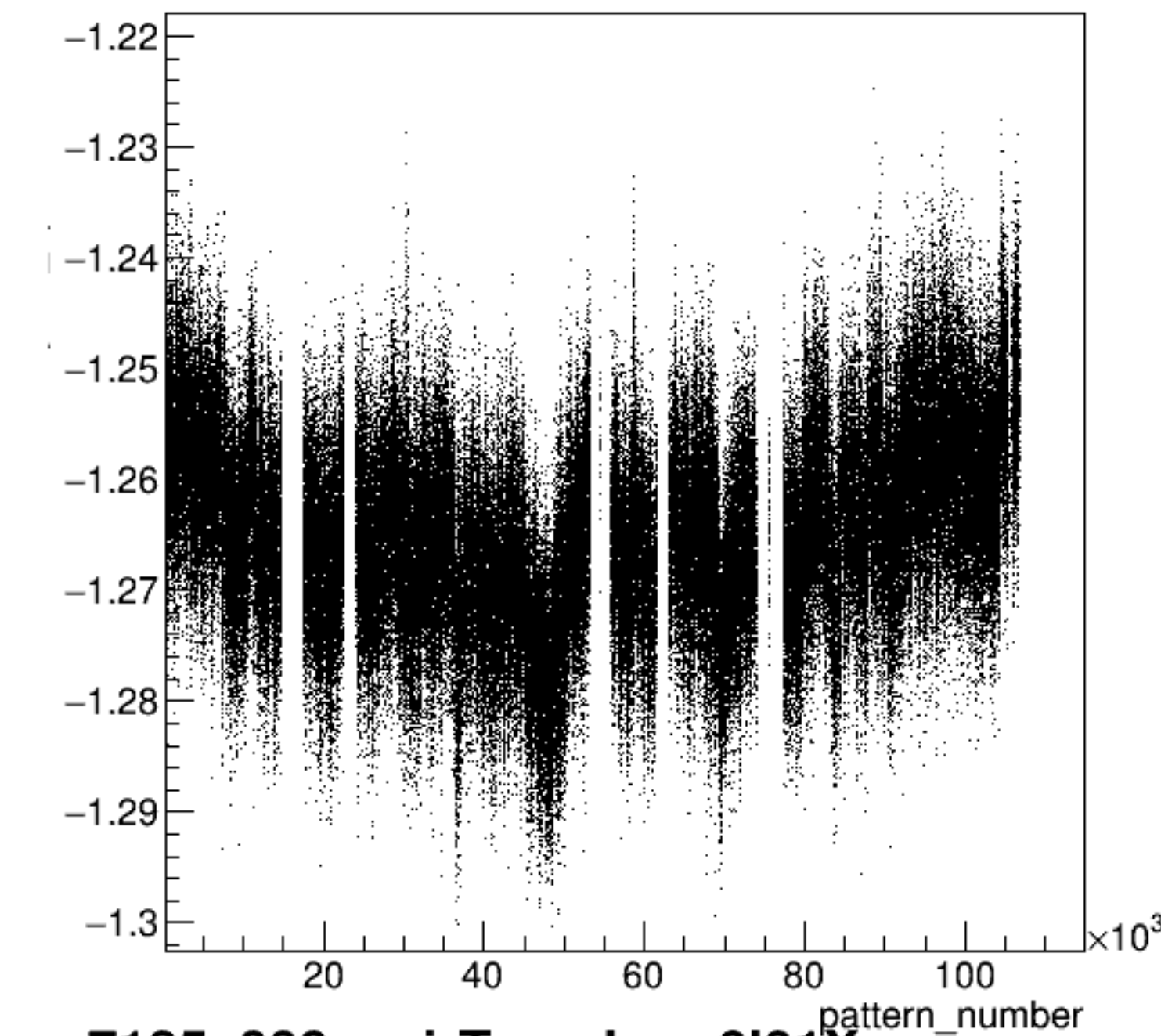
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



diff_bpm16Y/um {ErrorFlag==0}

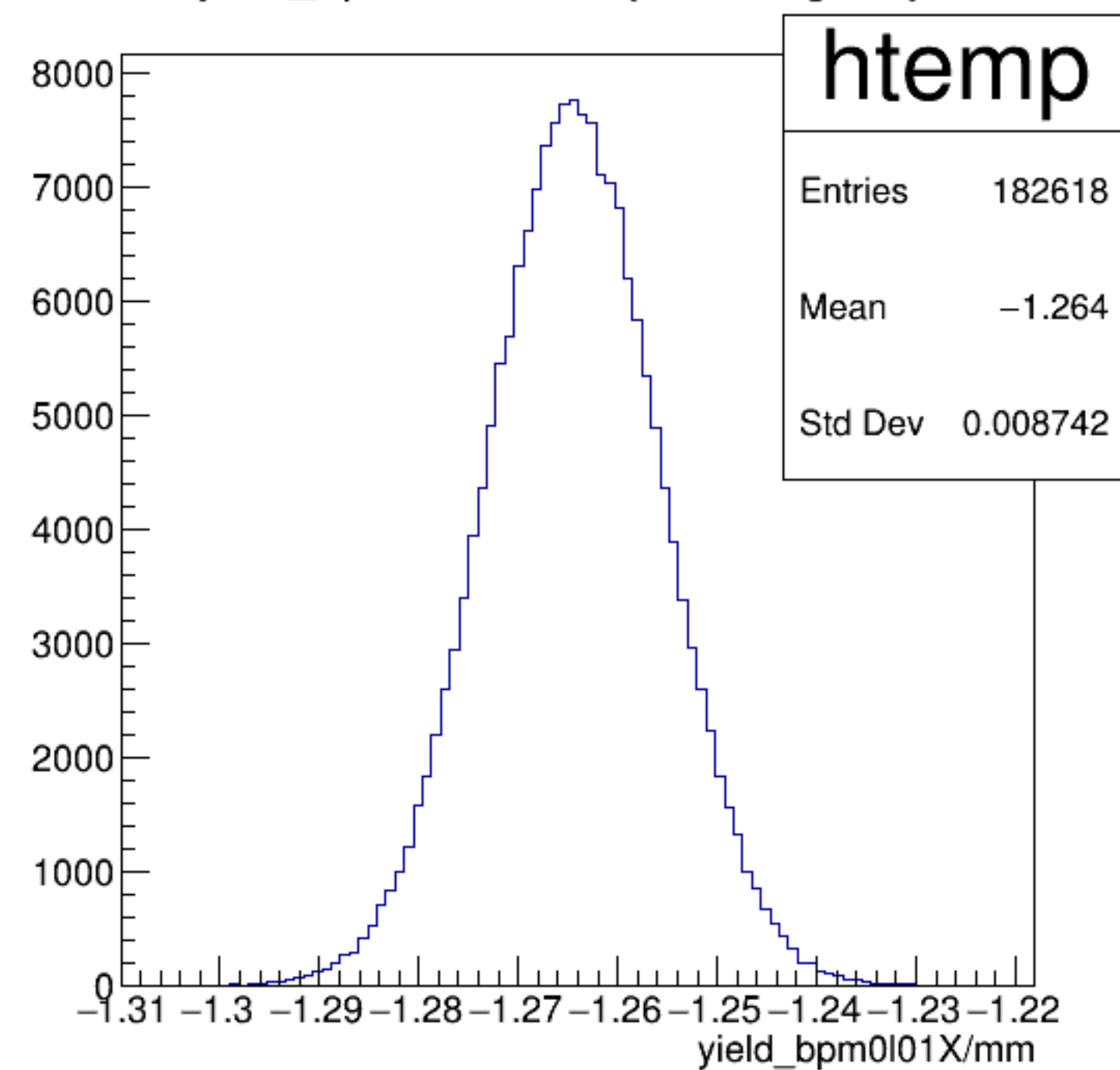


yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}

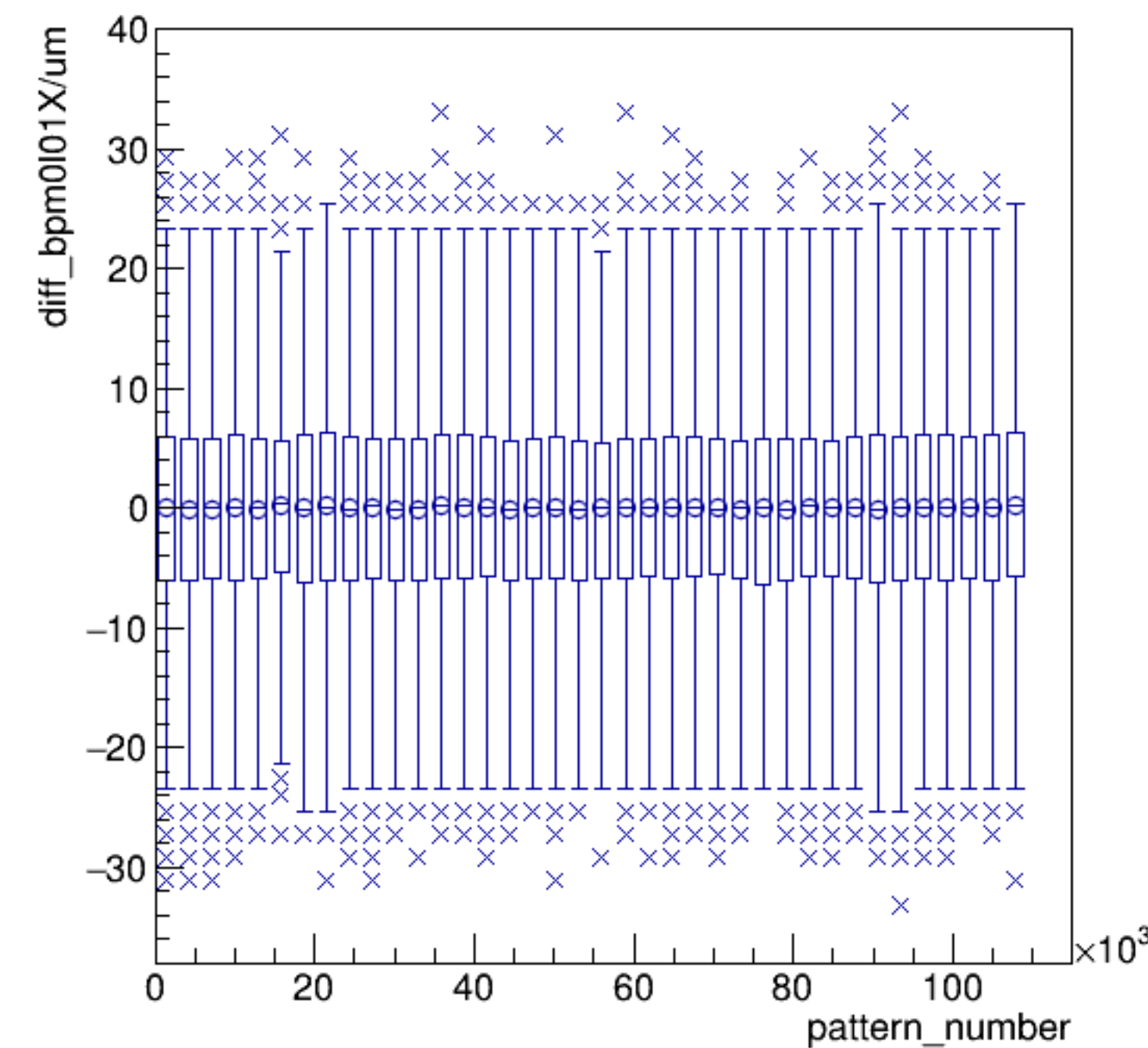


run7185_000_pairTree_bpm0l01X.png

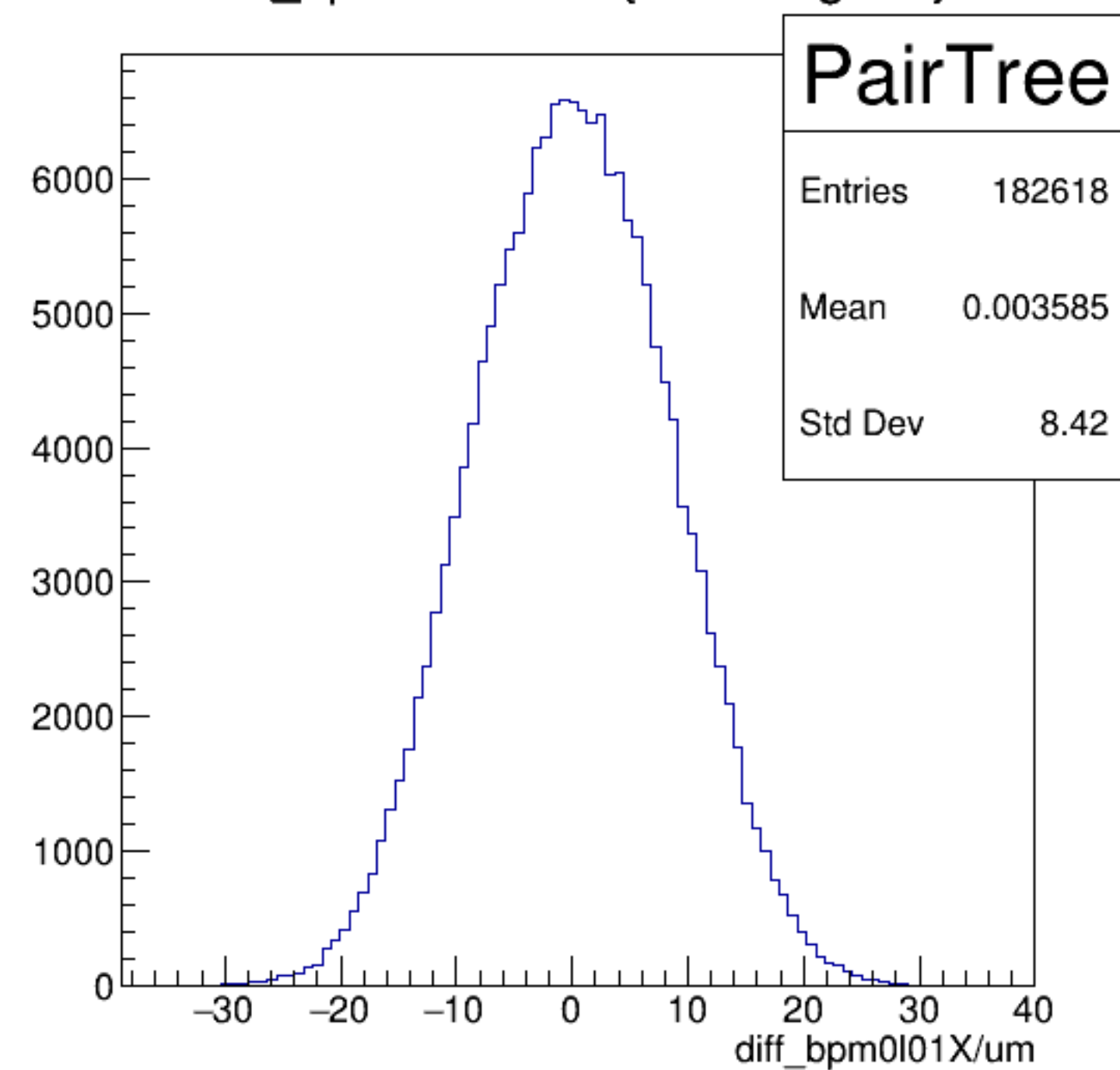
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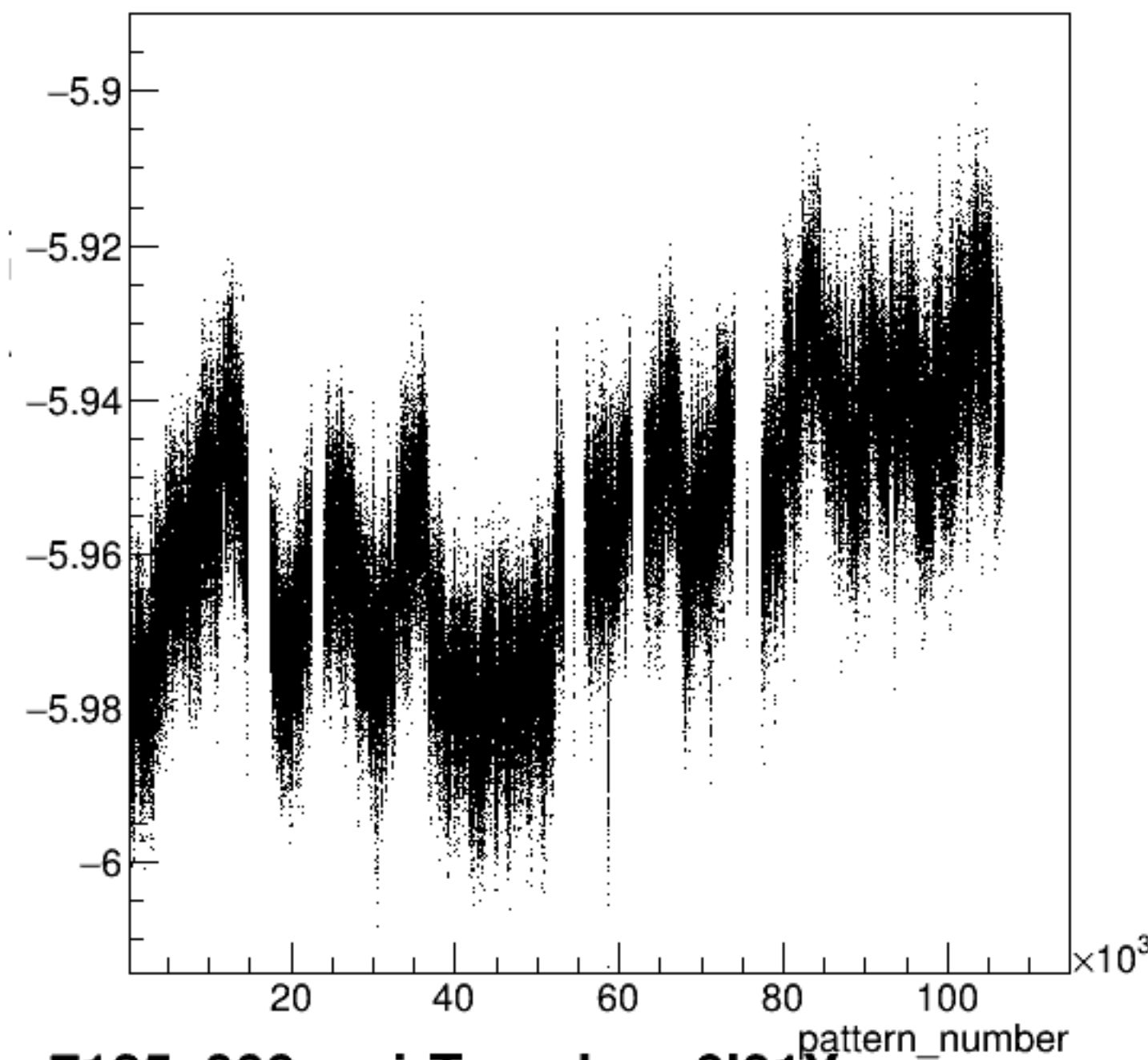
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diff_bpm0l01X/um {ErrorFlag==0}

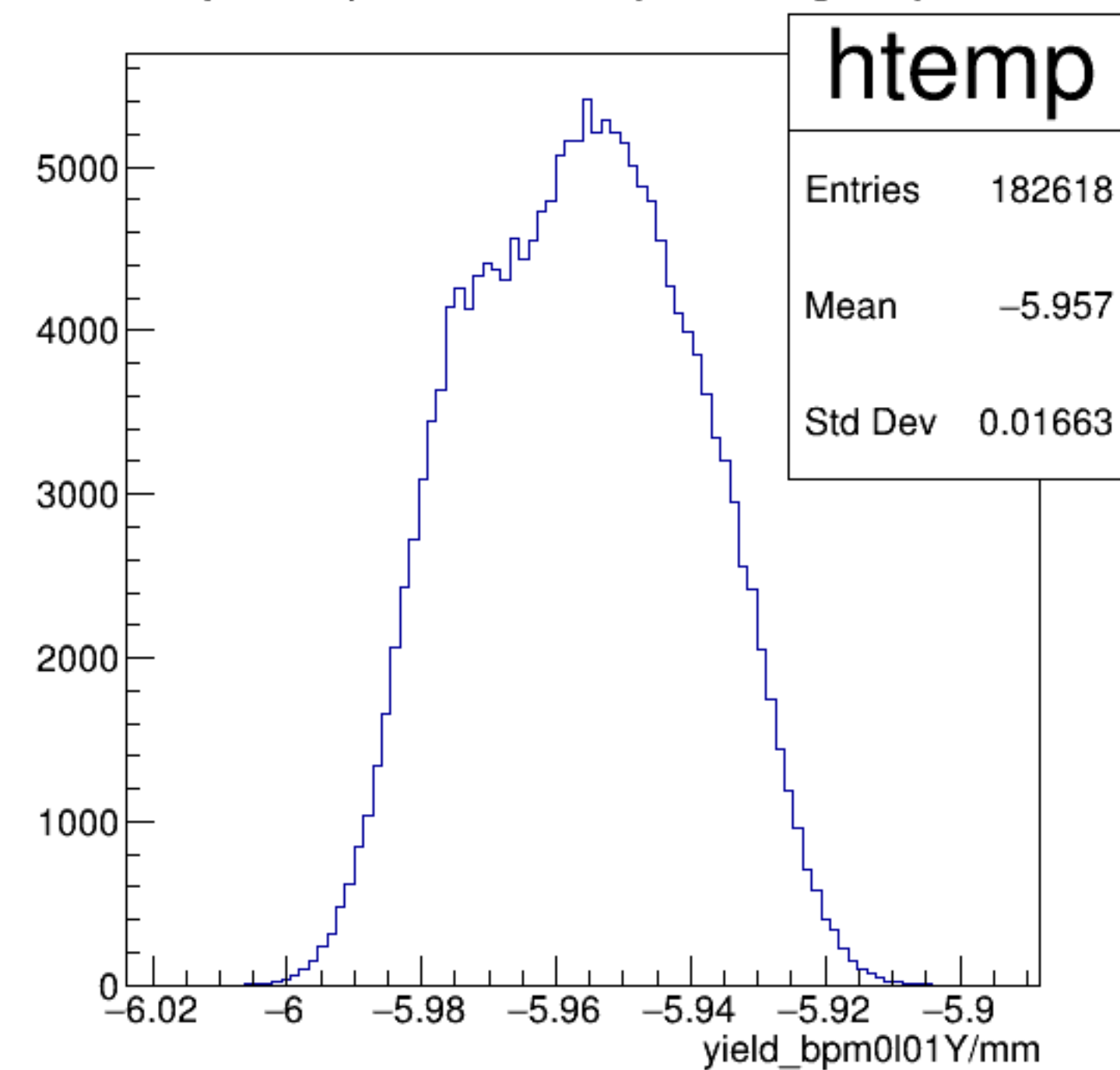


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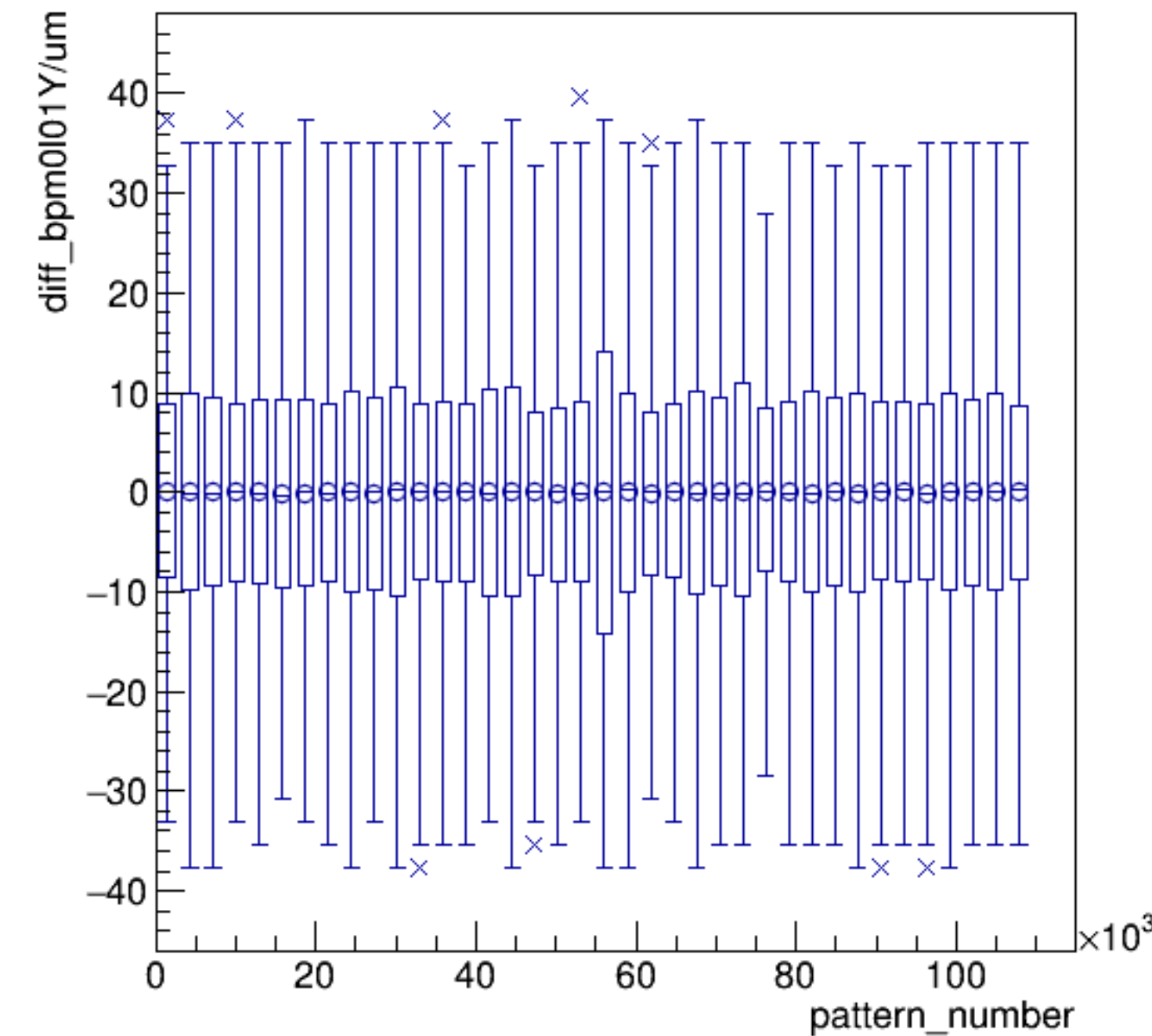


run7185_000_pairTree_bpm0l01Y.png

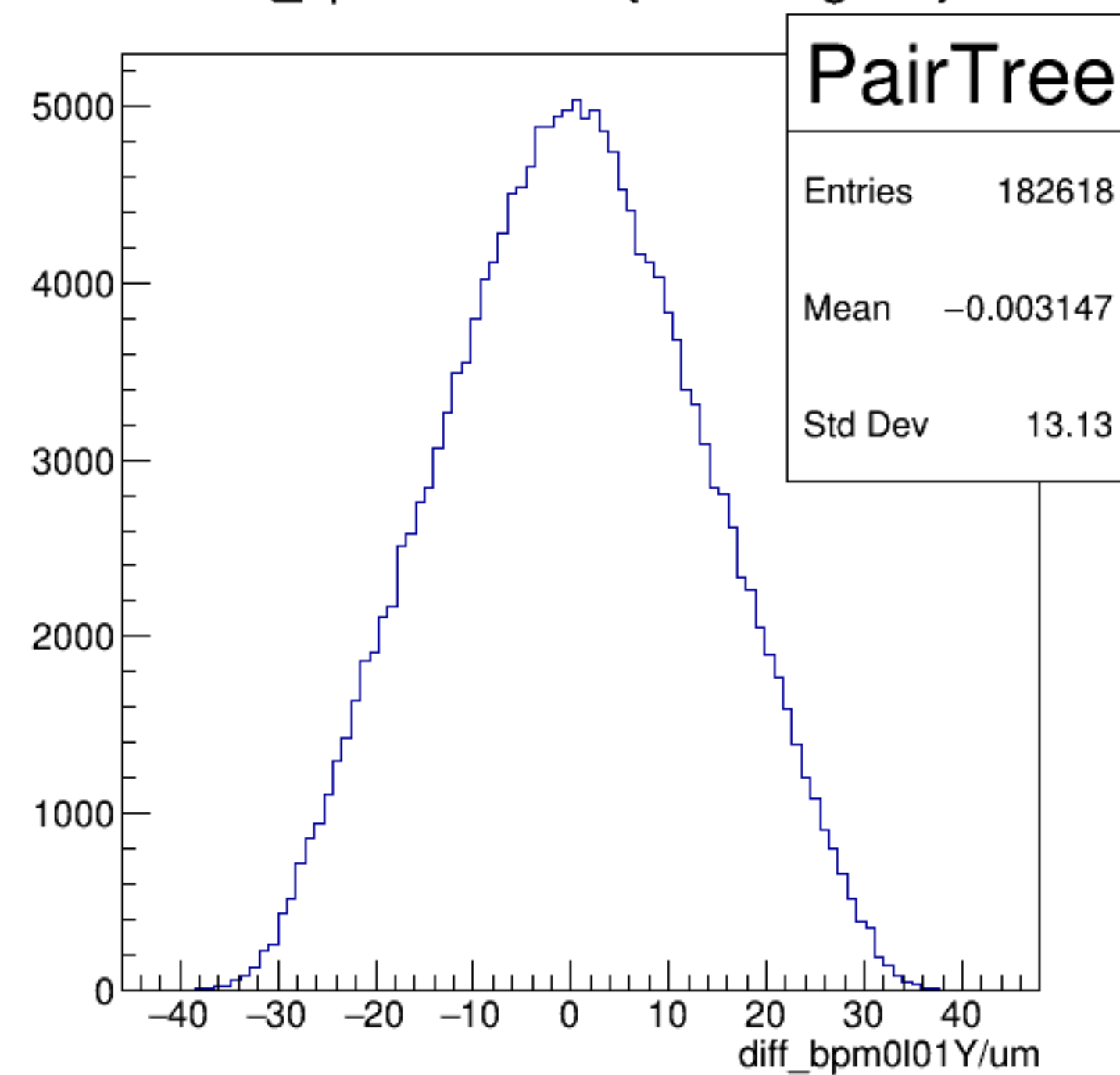
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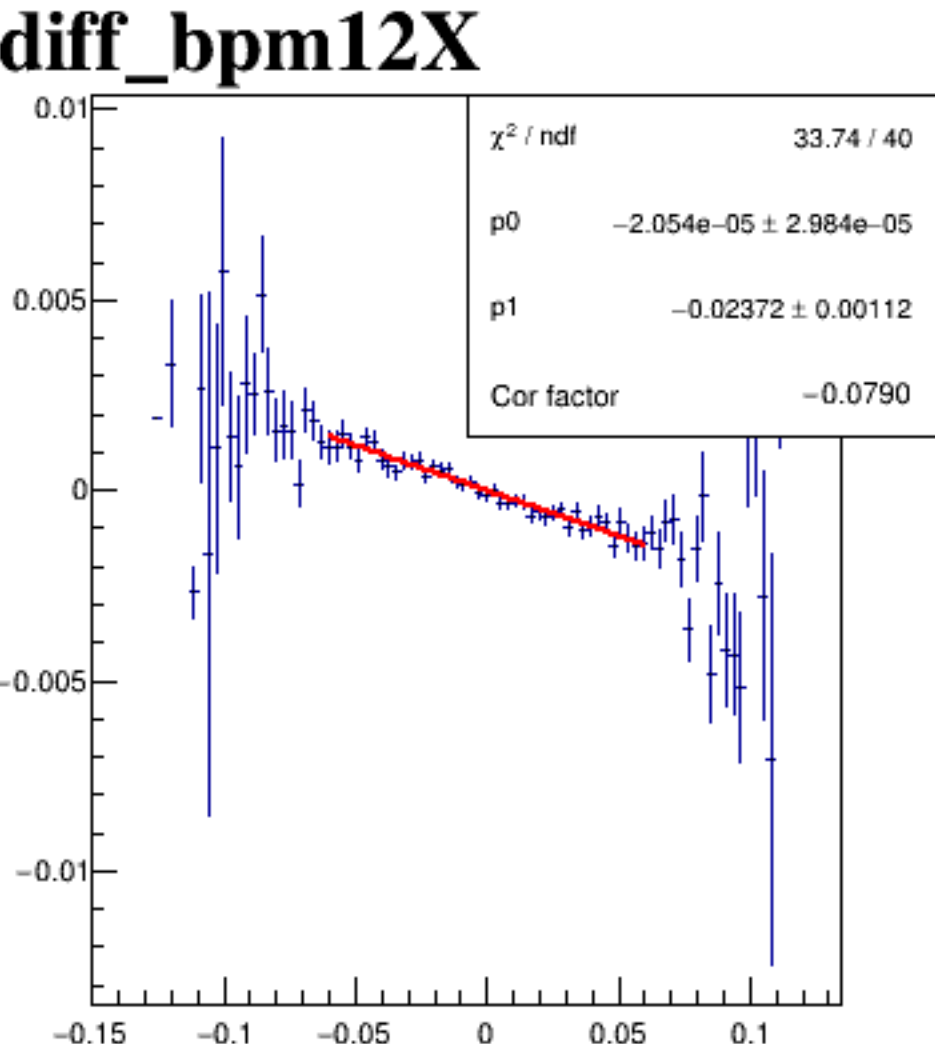
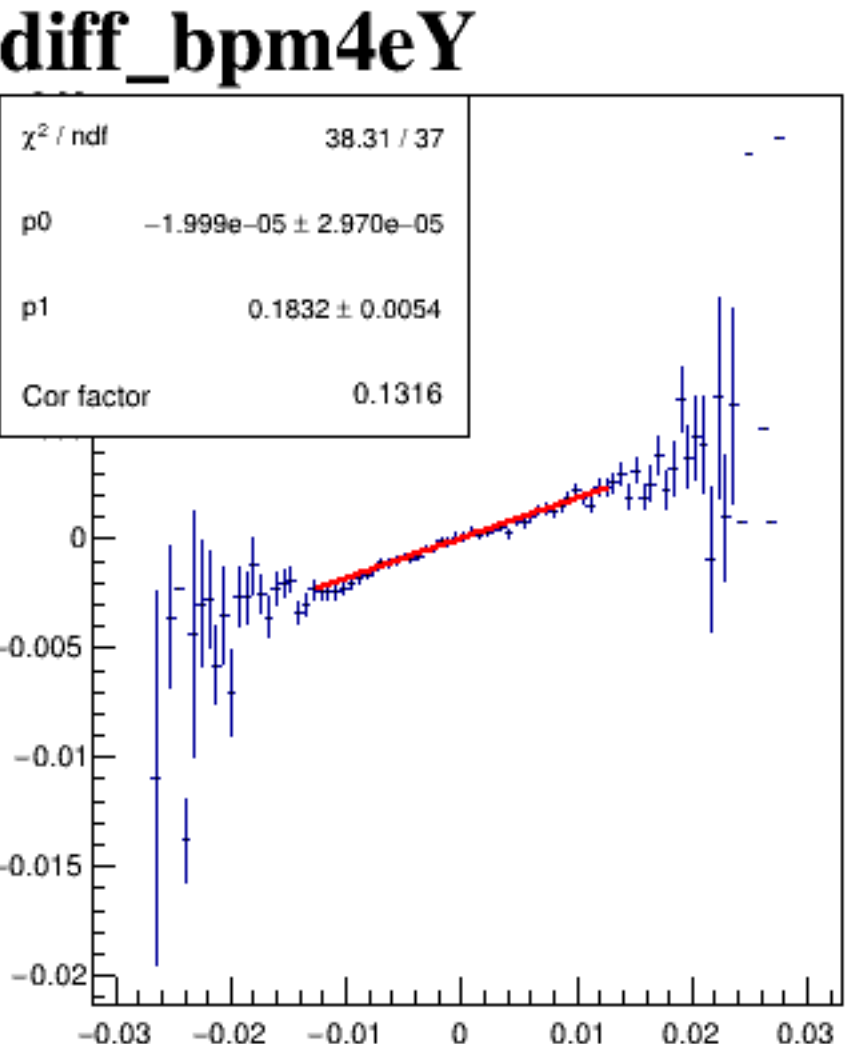
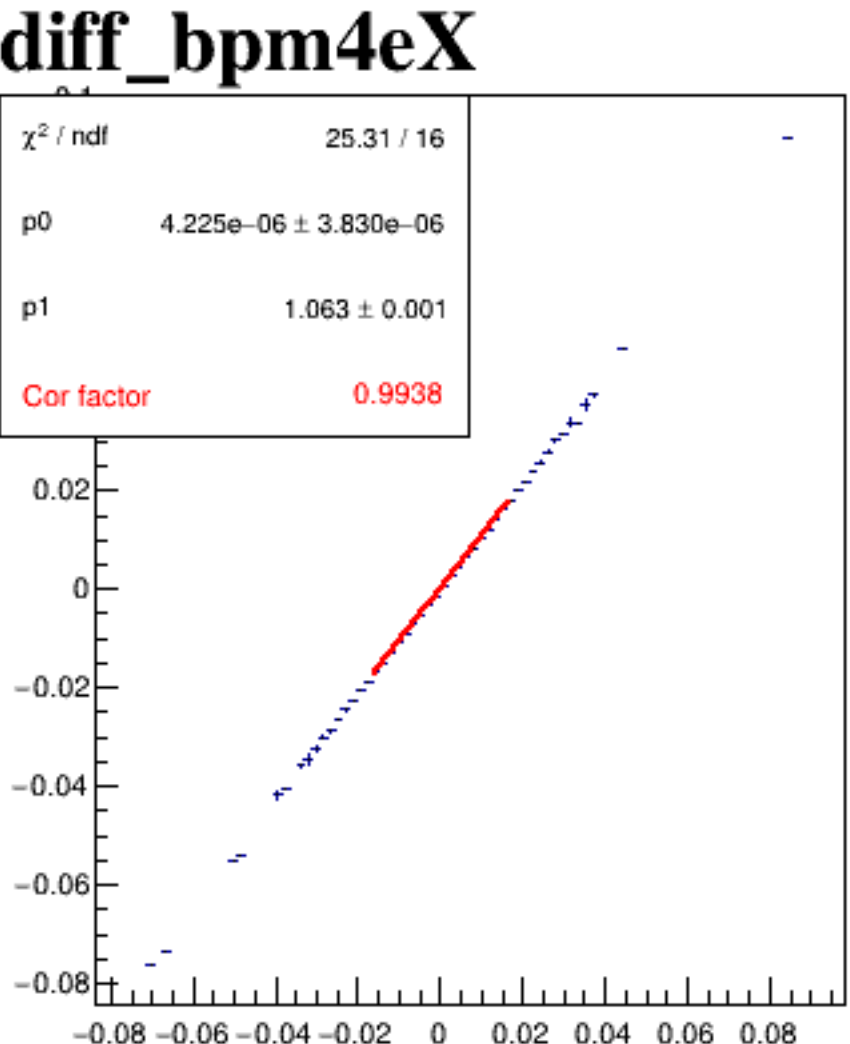
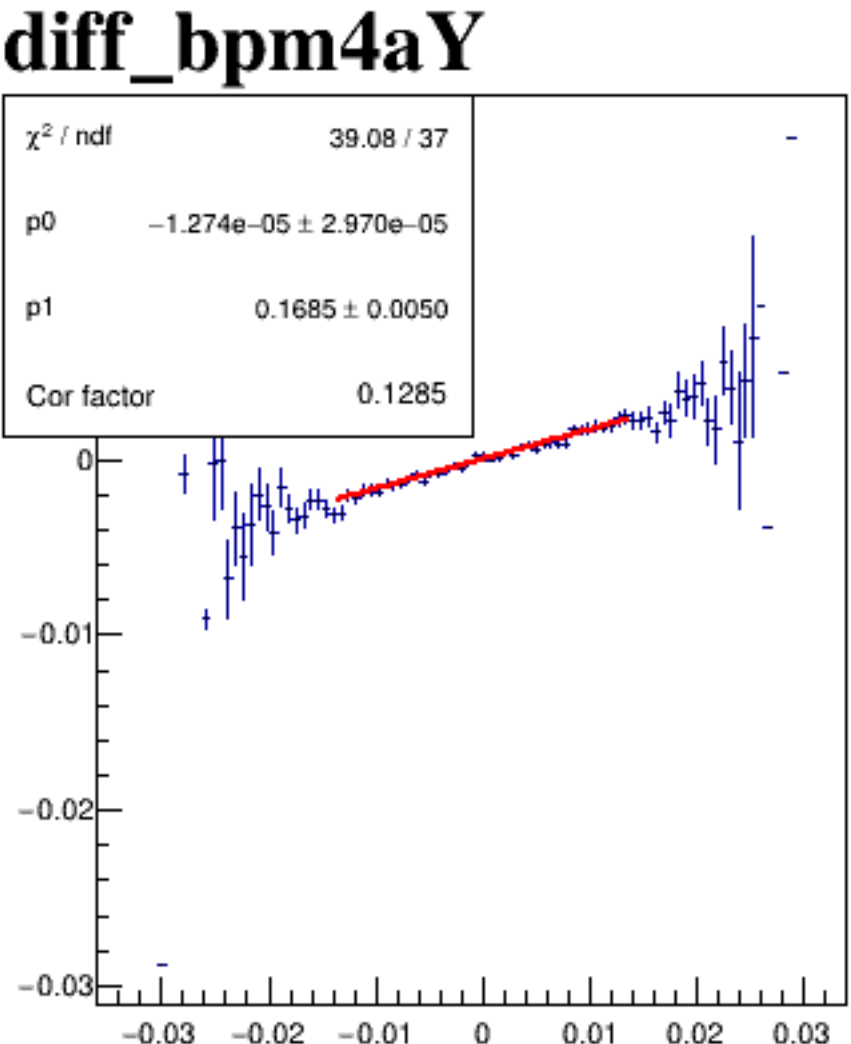
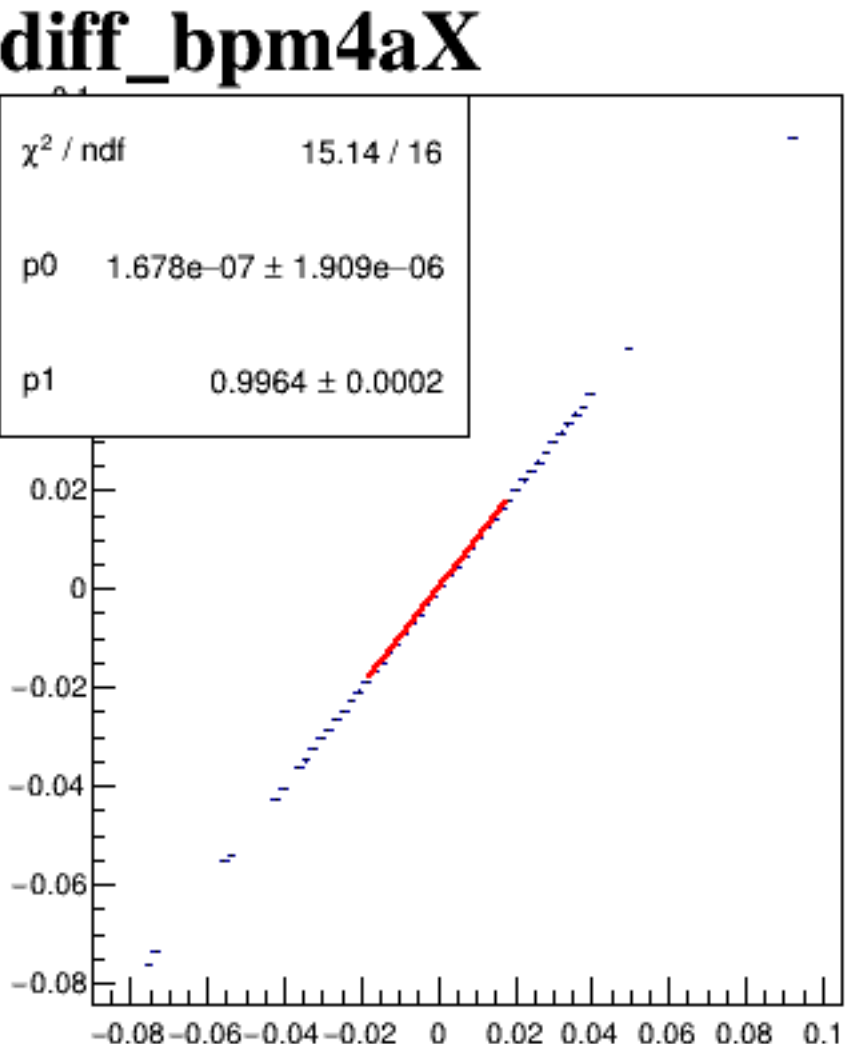


diff_bpm0l01Y/um {ErrorFlag==0}

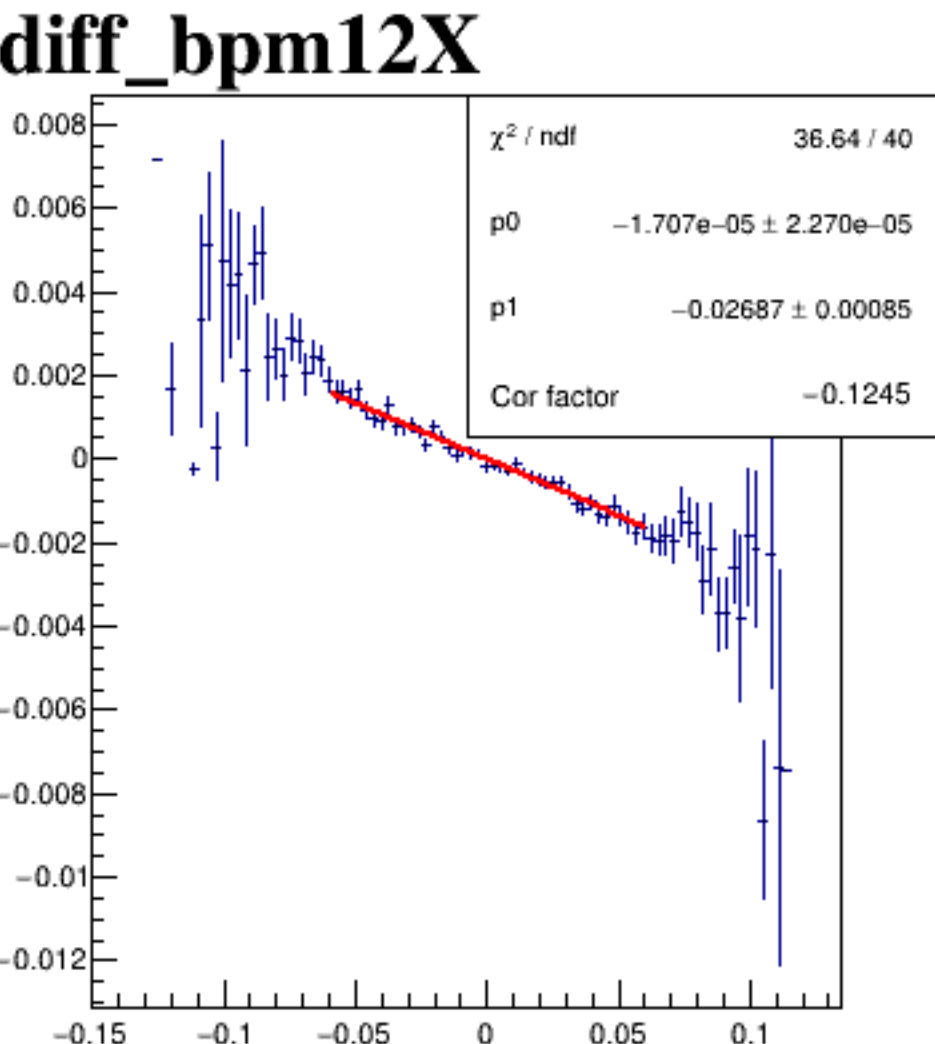
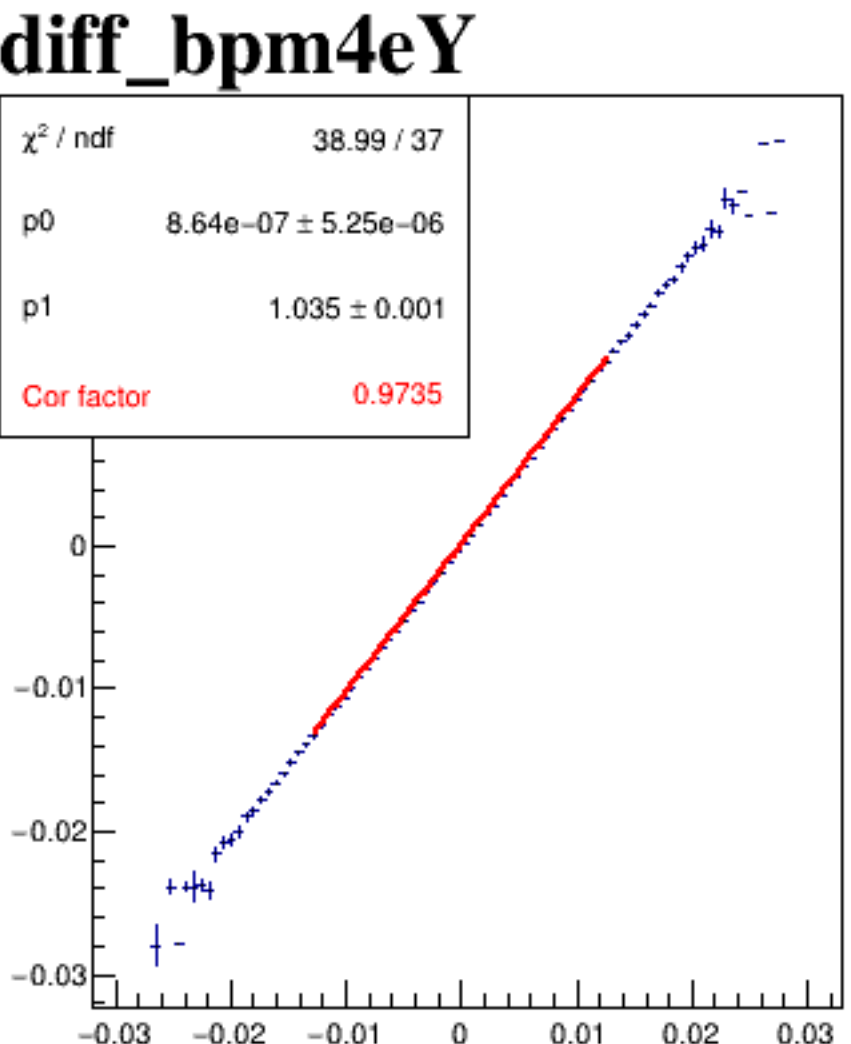
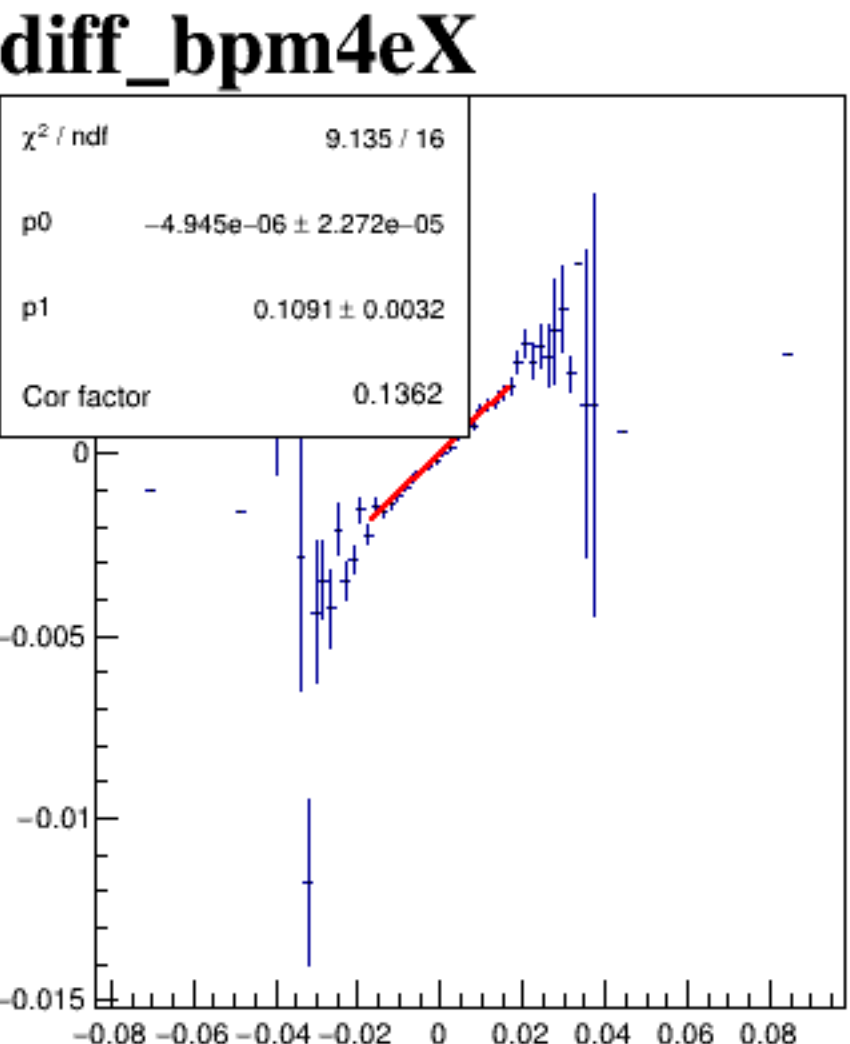
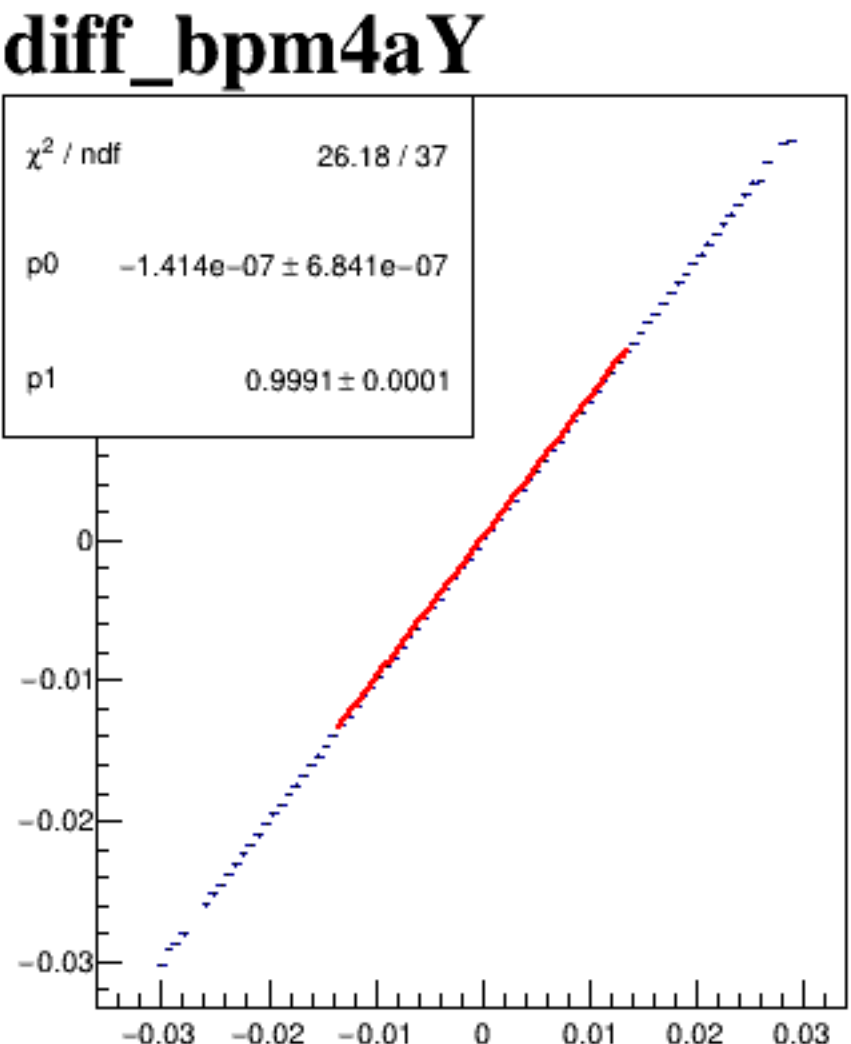
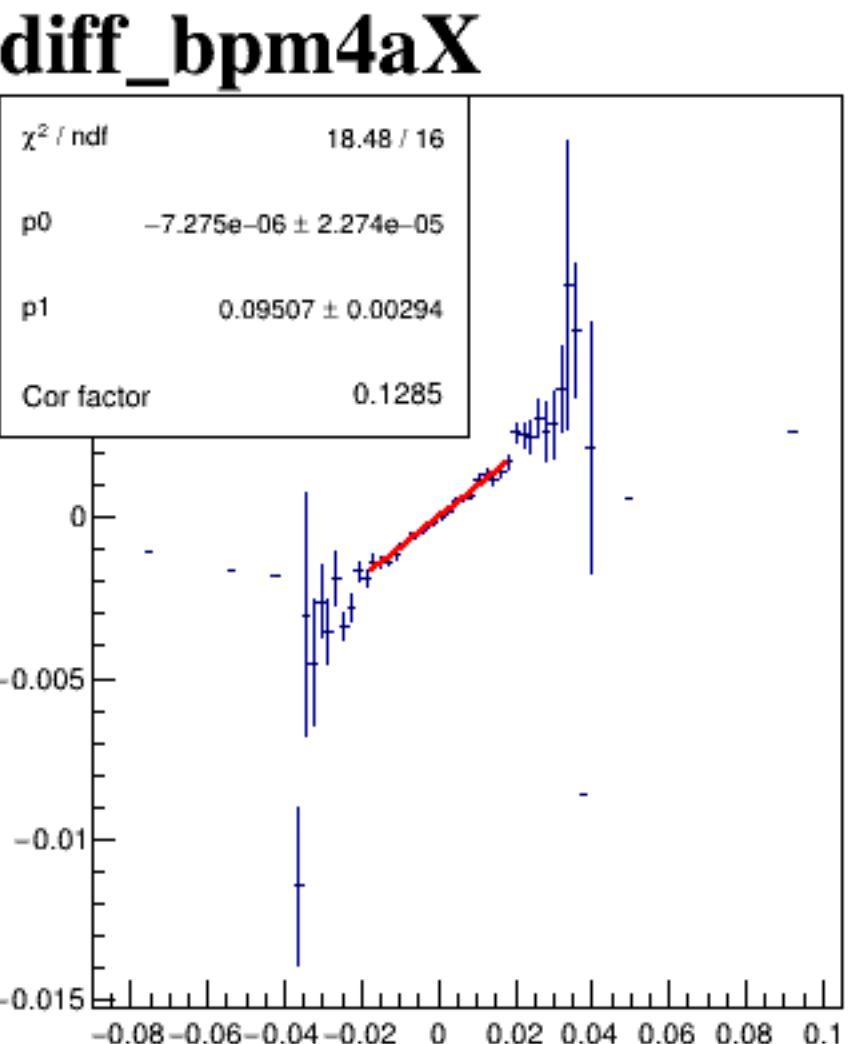


run7185_000_diff_bpm_mutual_correlation_COLZ_default.png

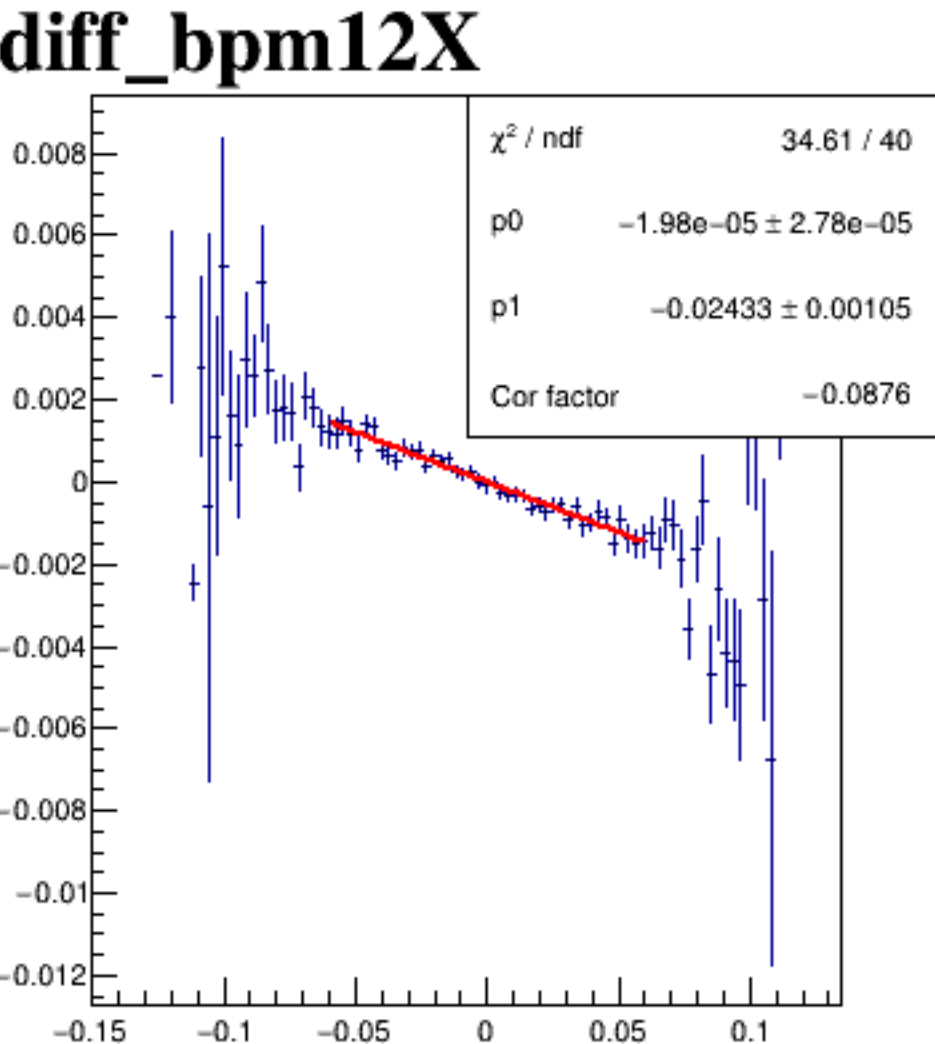
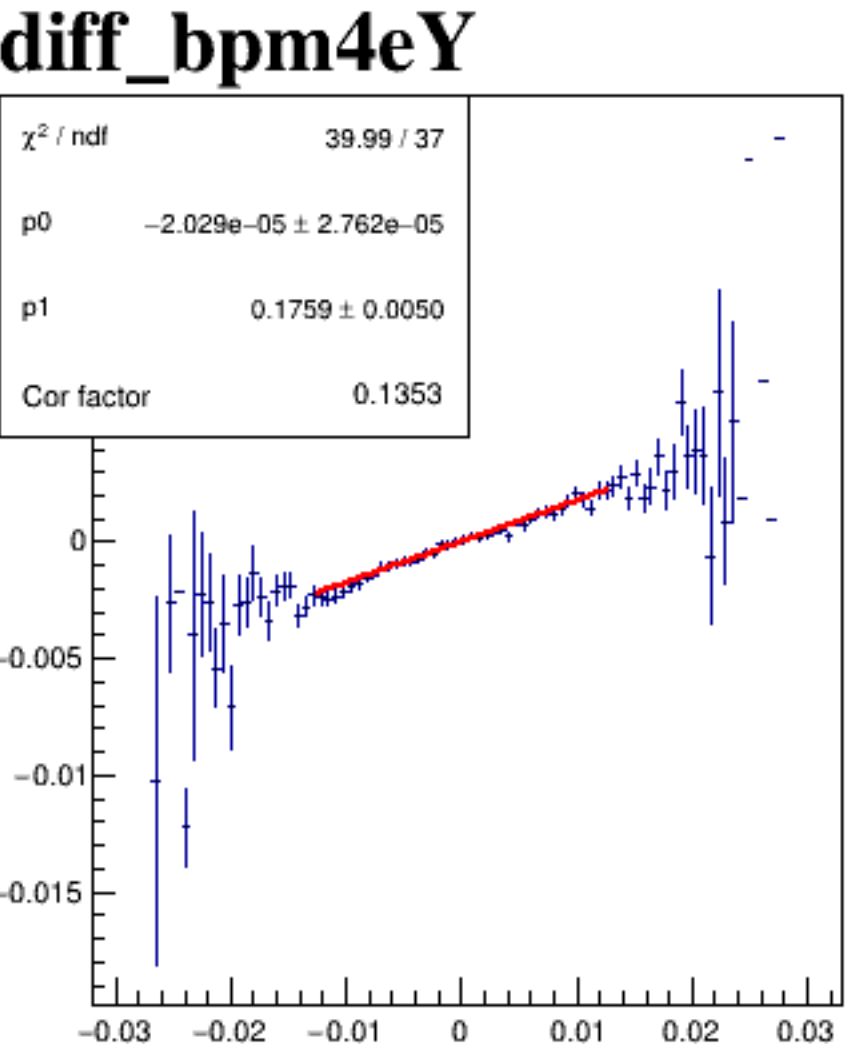
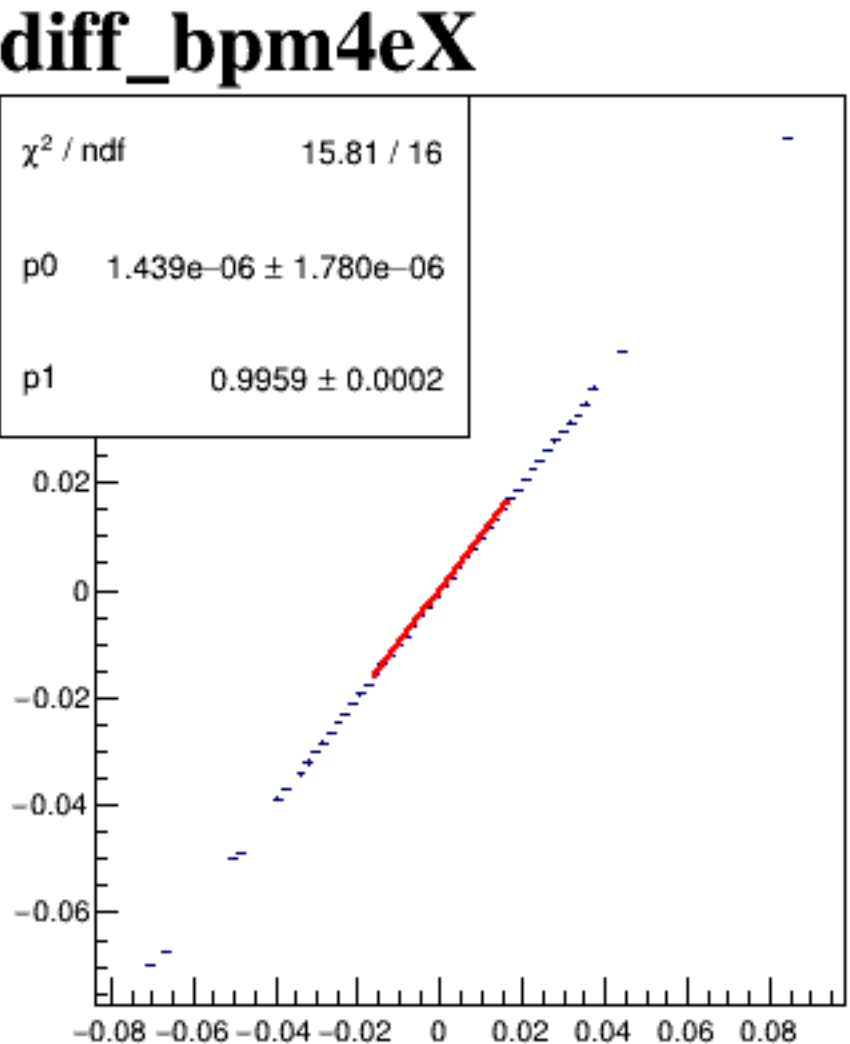
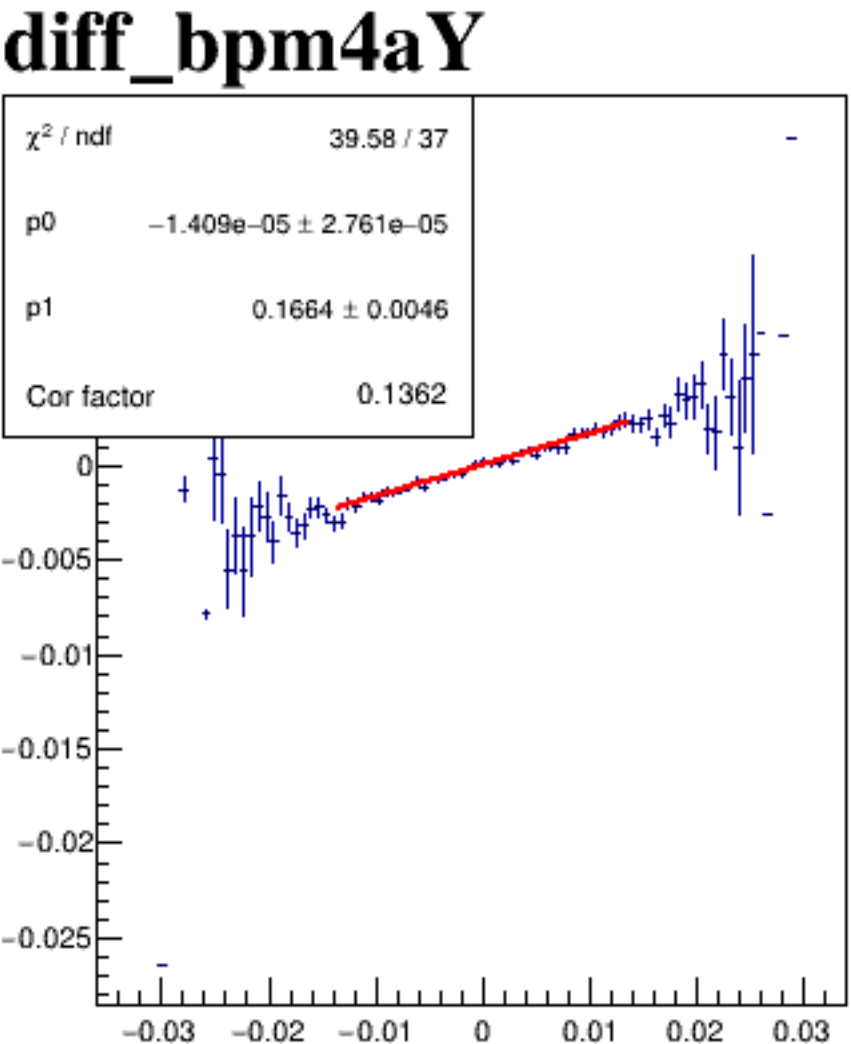
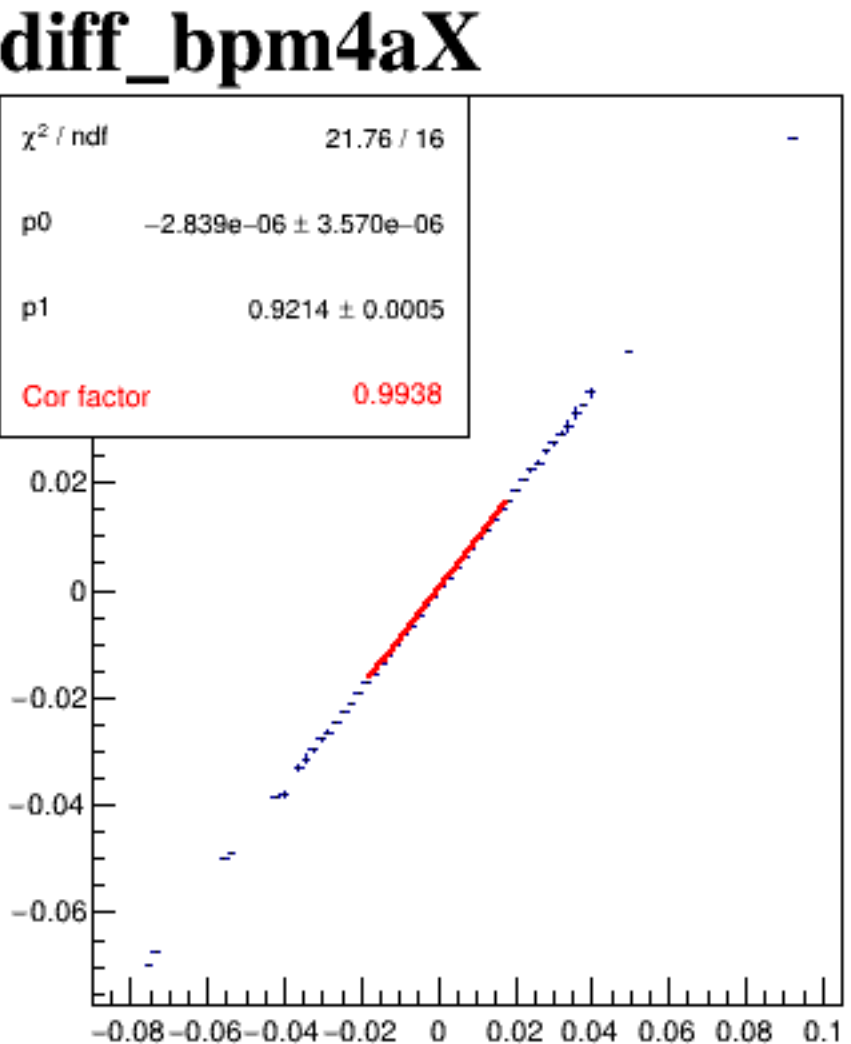
diff_bpm4aX



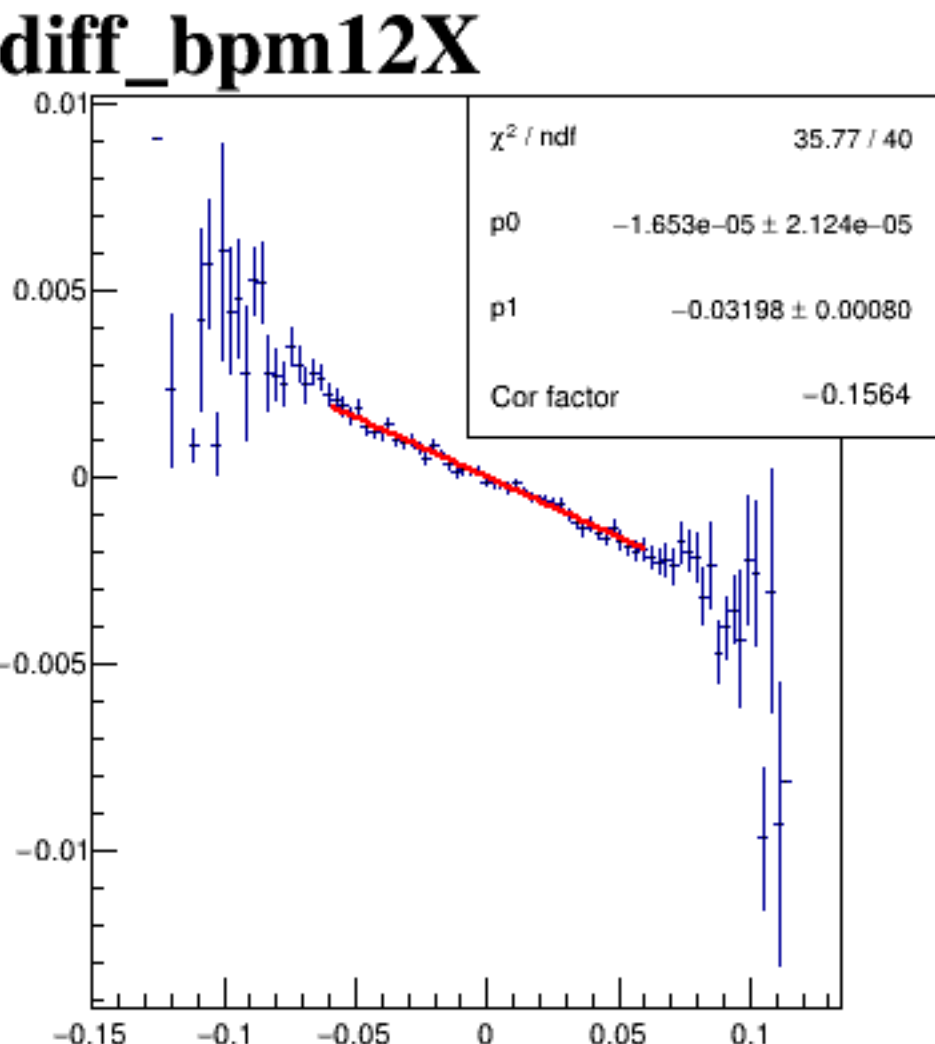
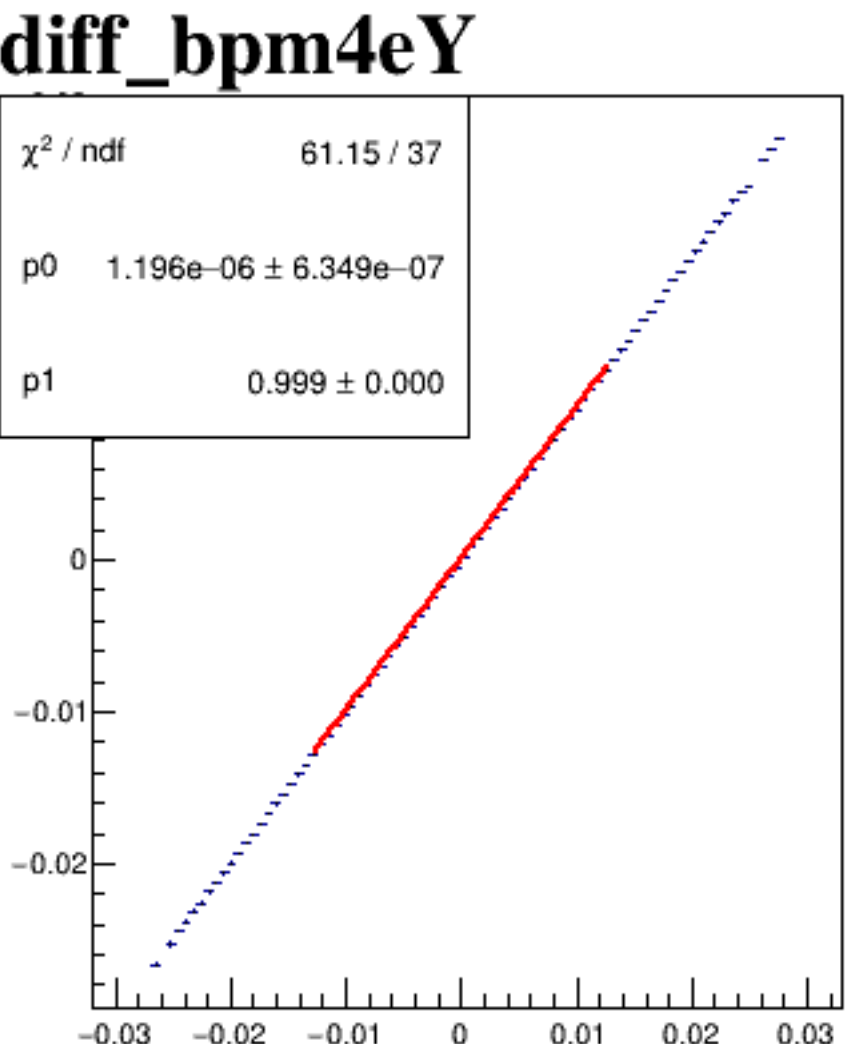
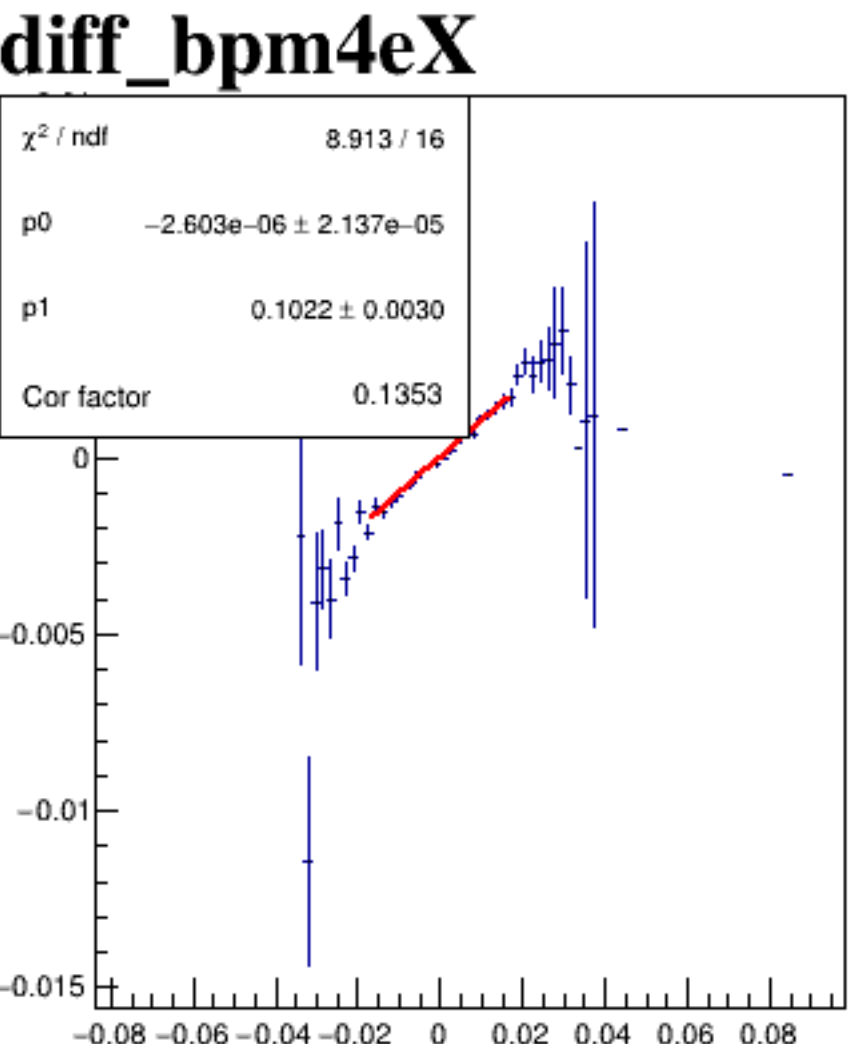
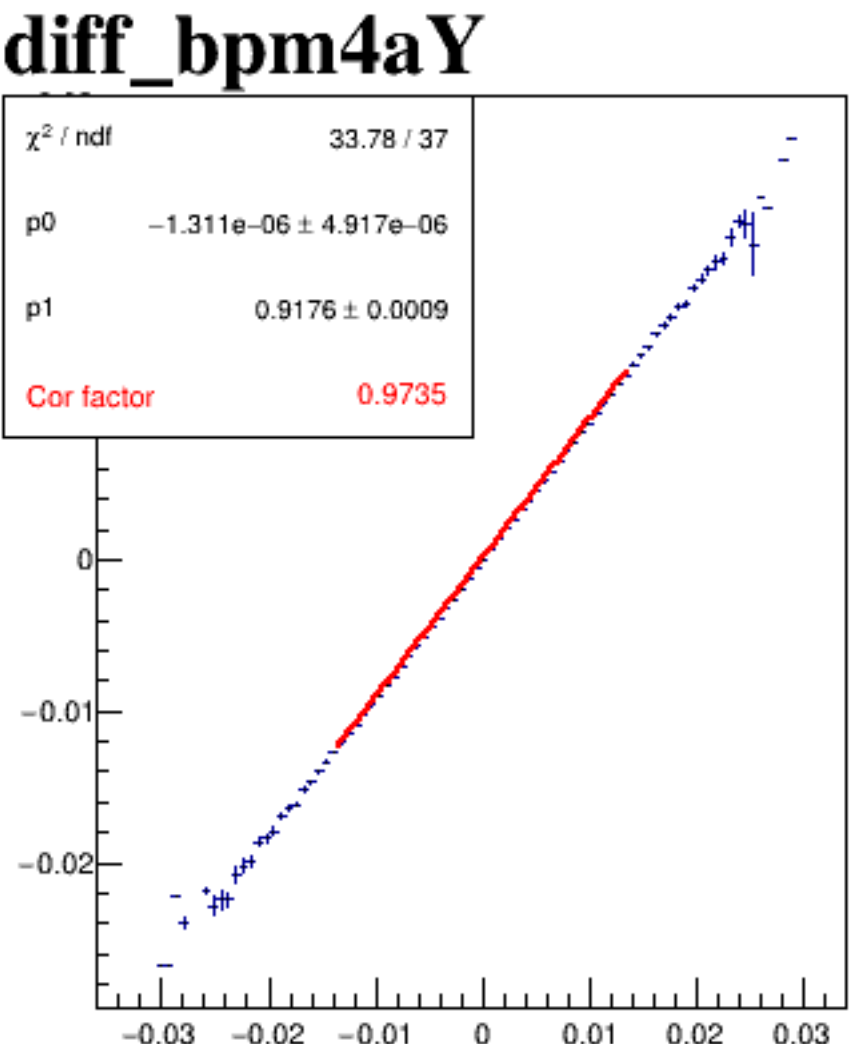
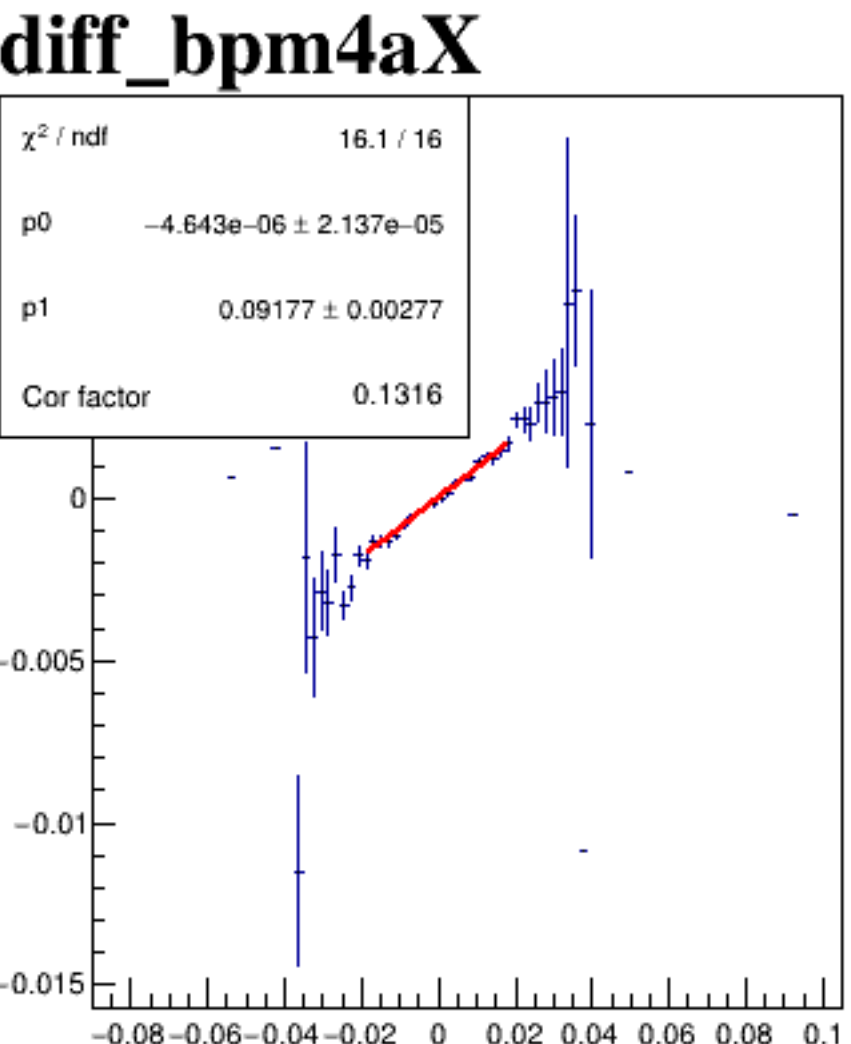
diff_bpm4aY



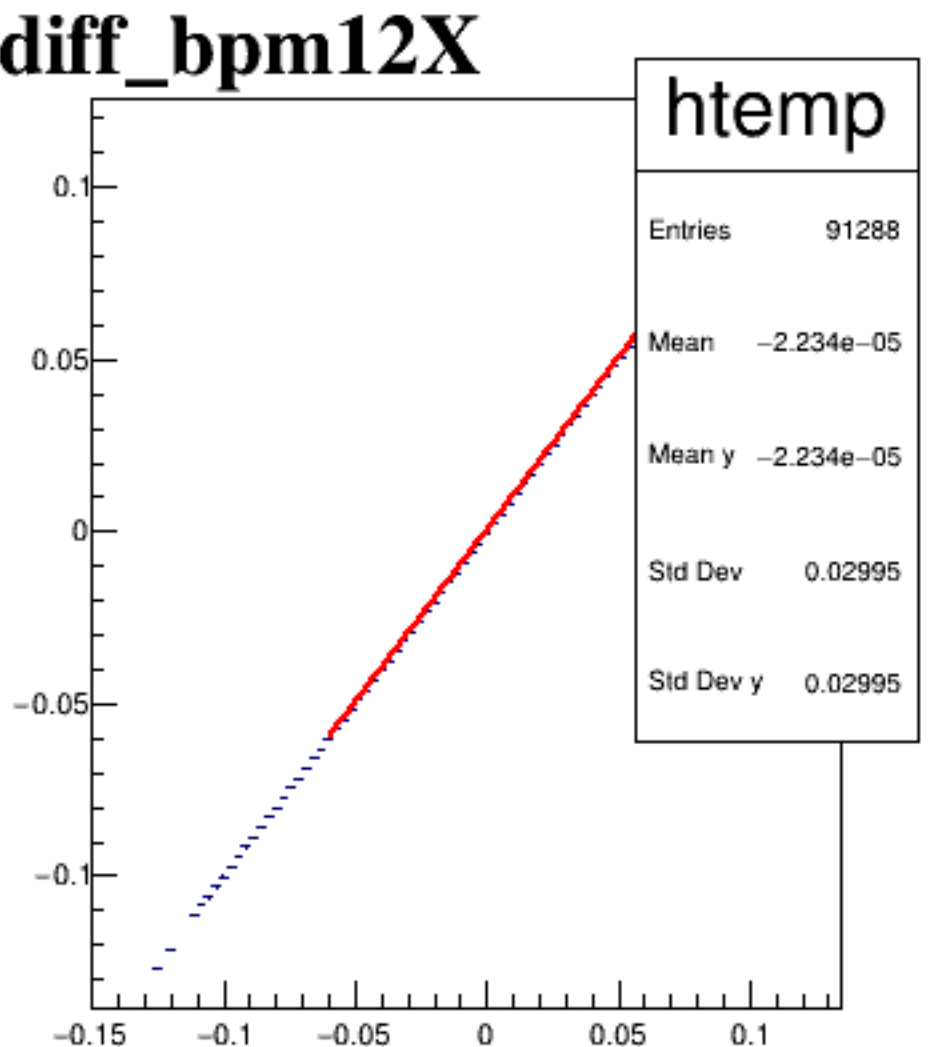
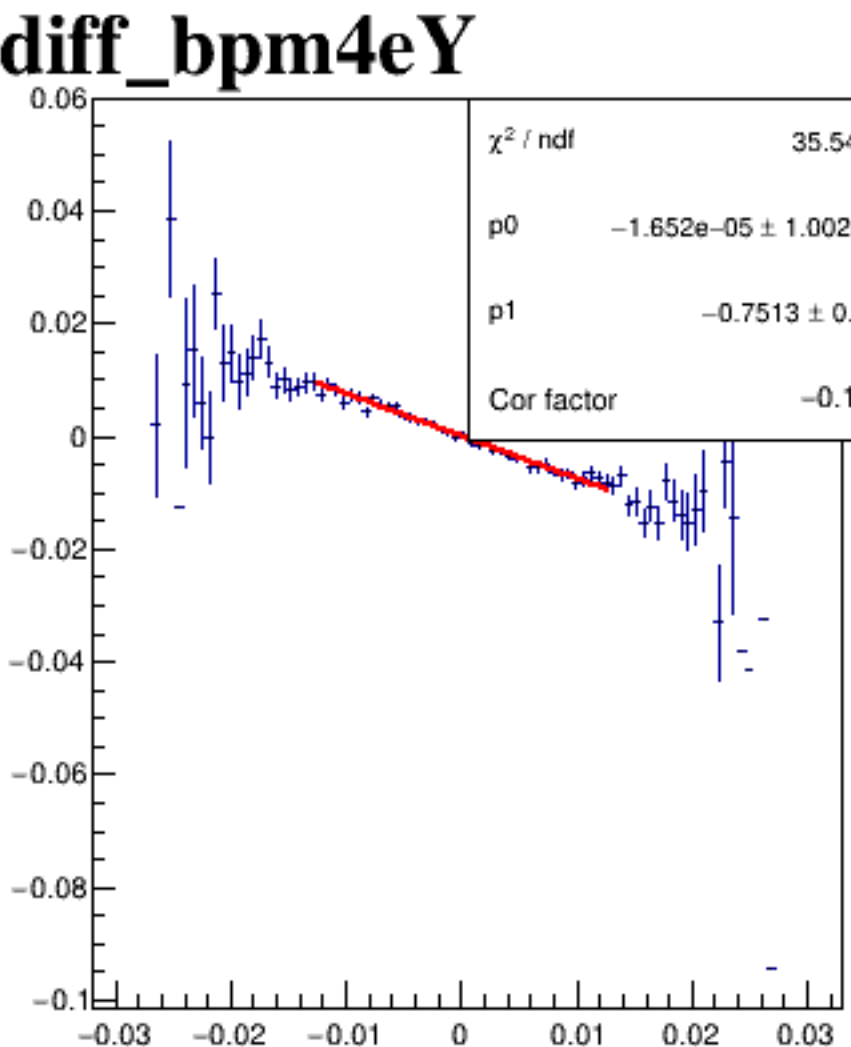
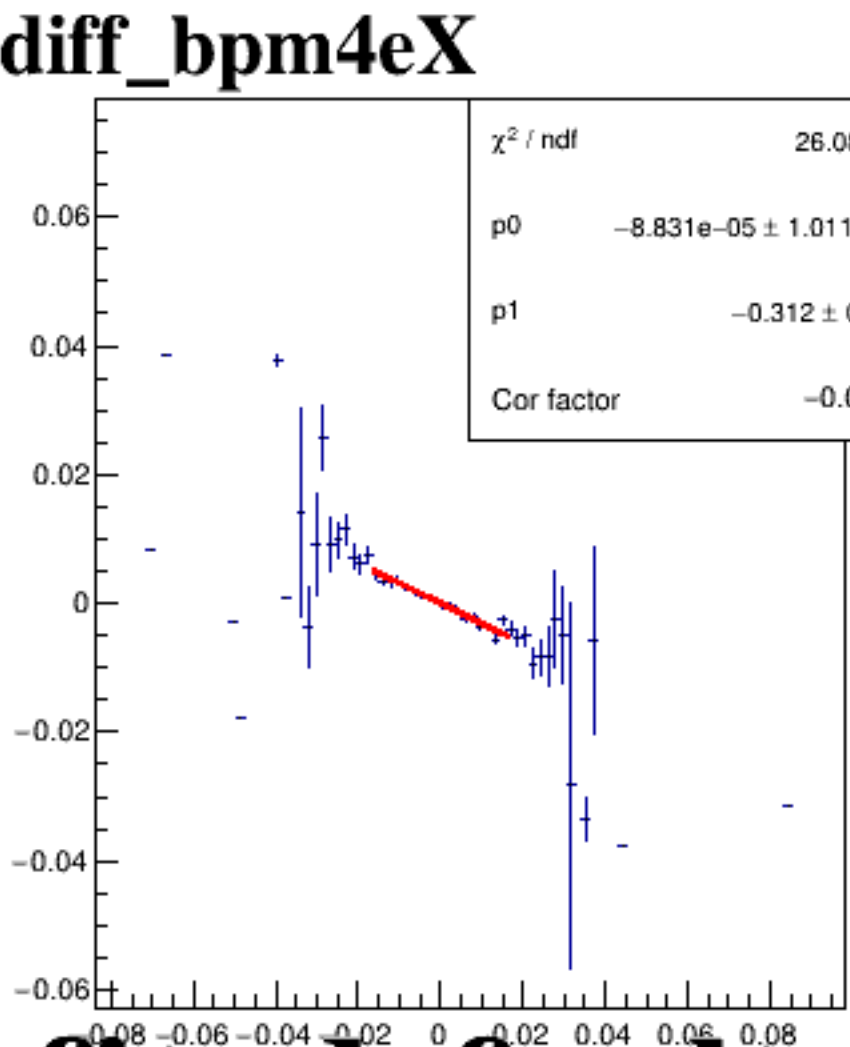
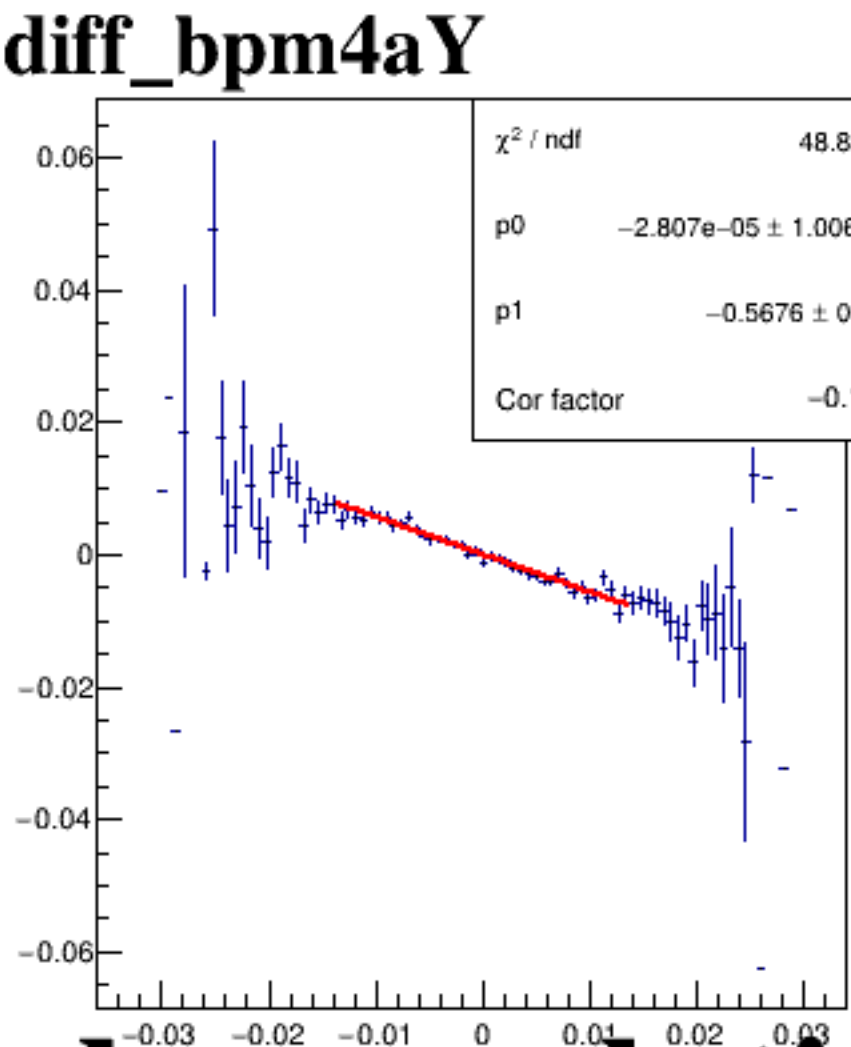
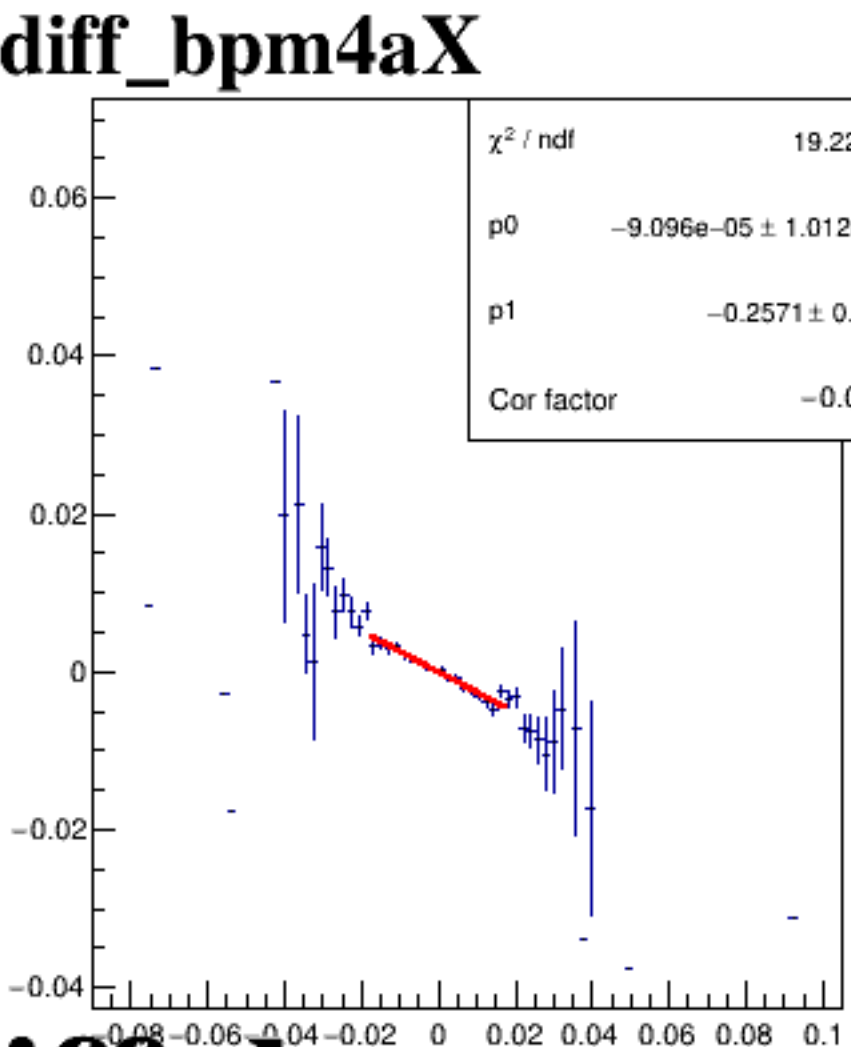
diff_bpm4eX



diff_bpm4eY



diff_bpm12X

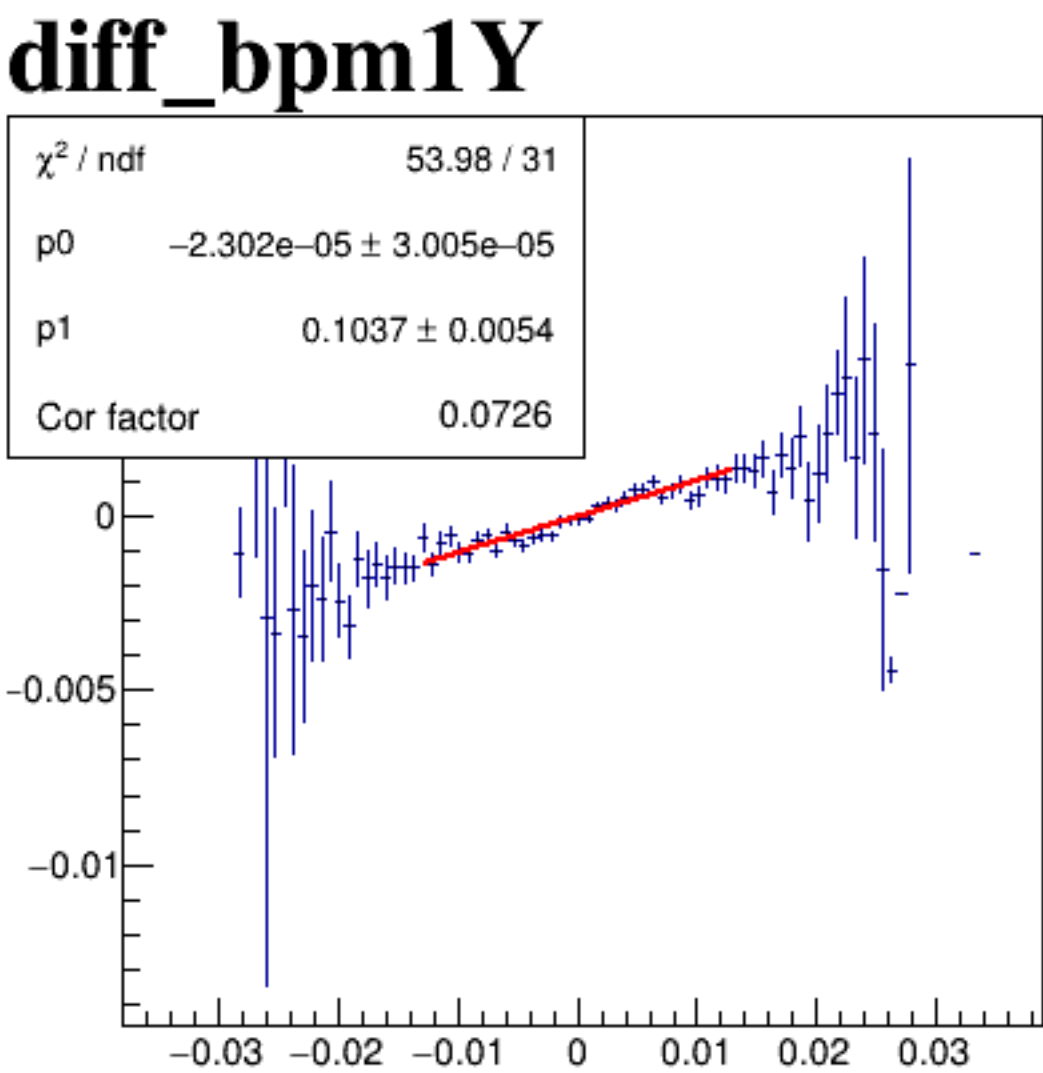
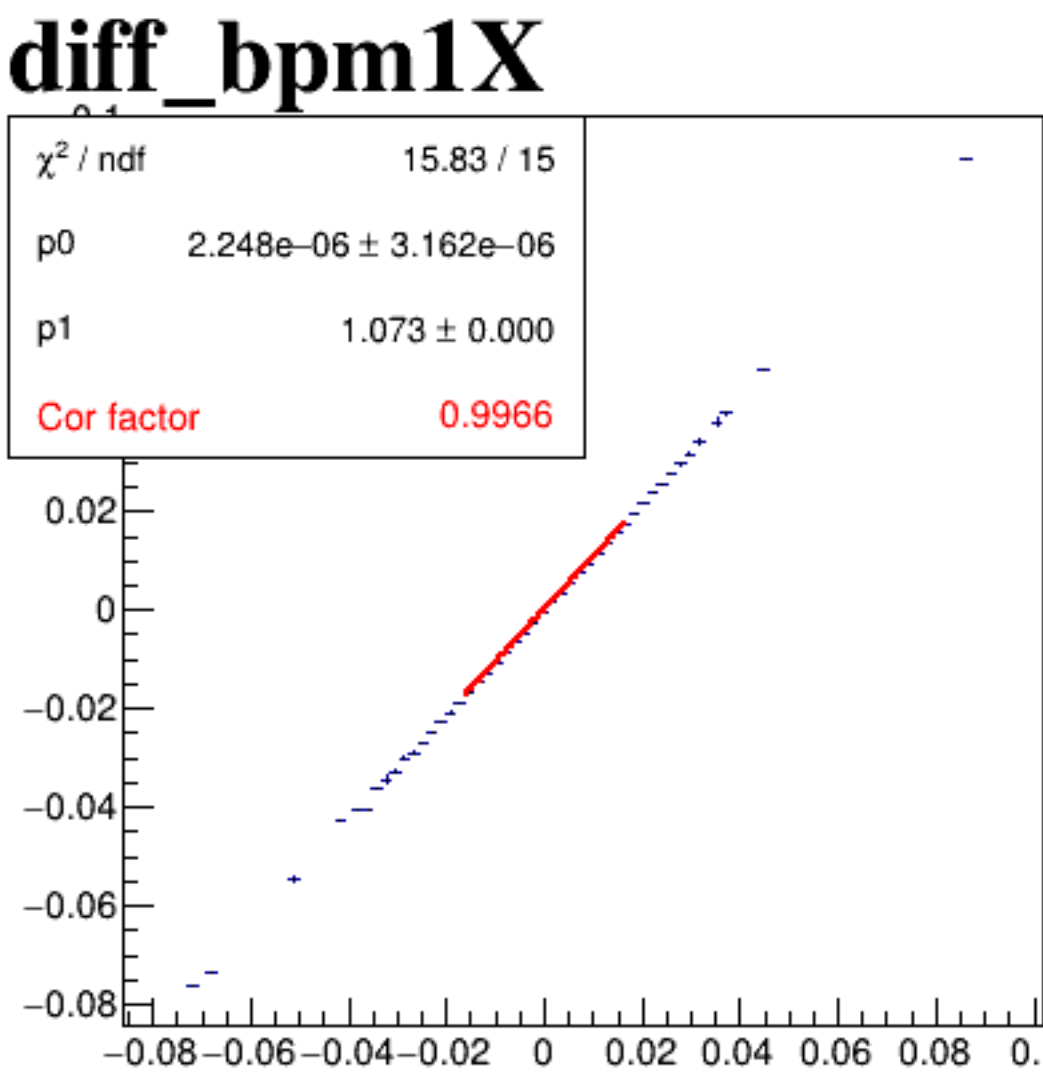
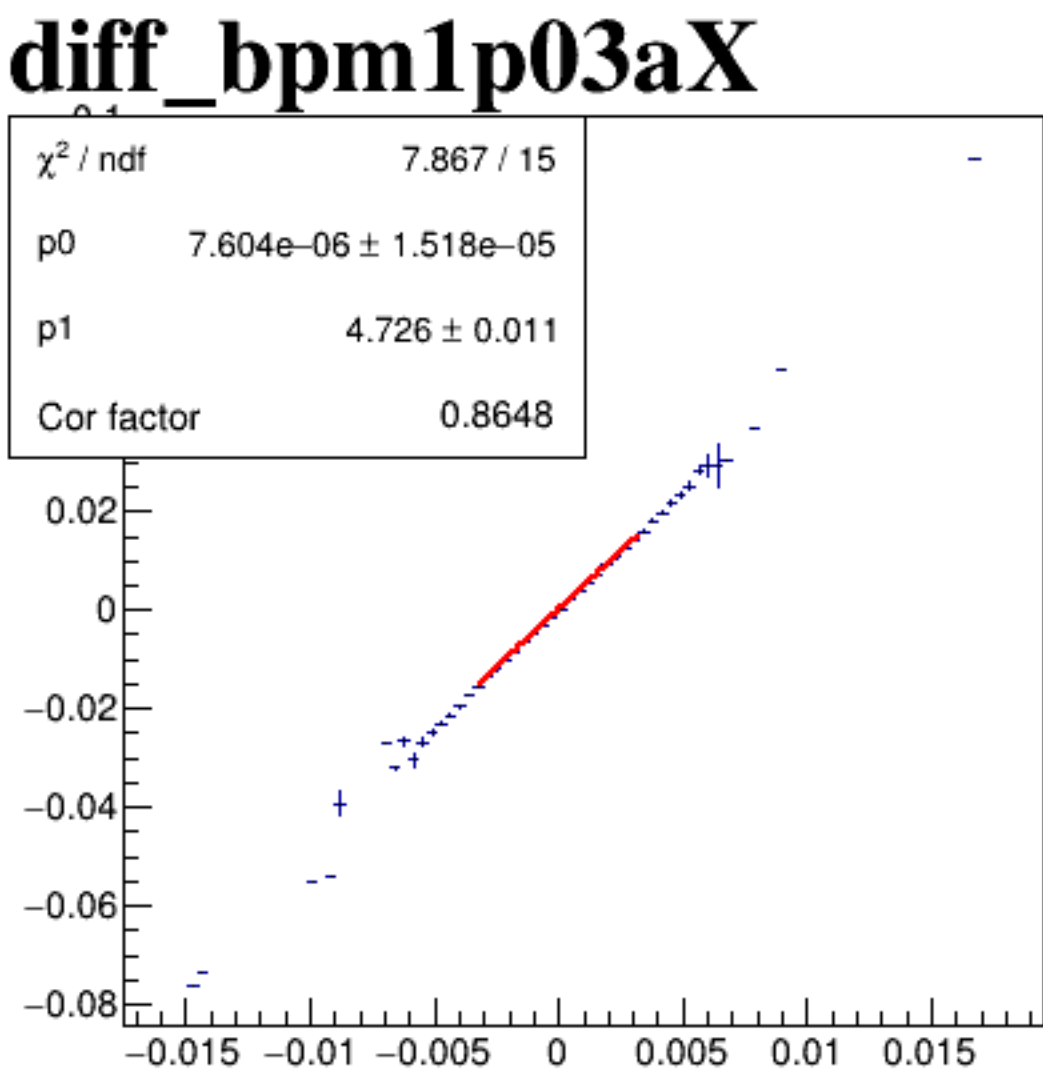
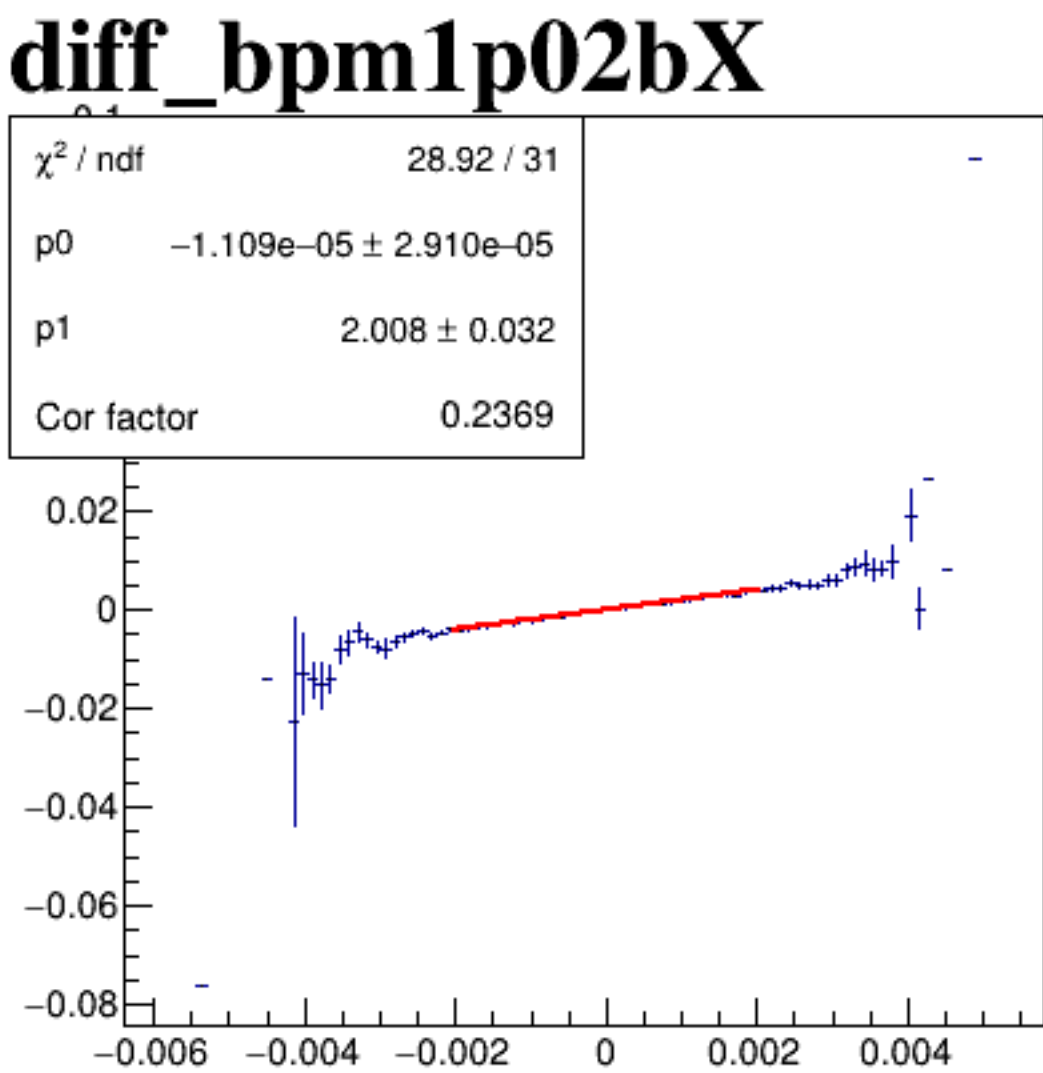


run7185_000_diff_bpm_mutual_correlation_fit_default.png

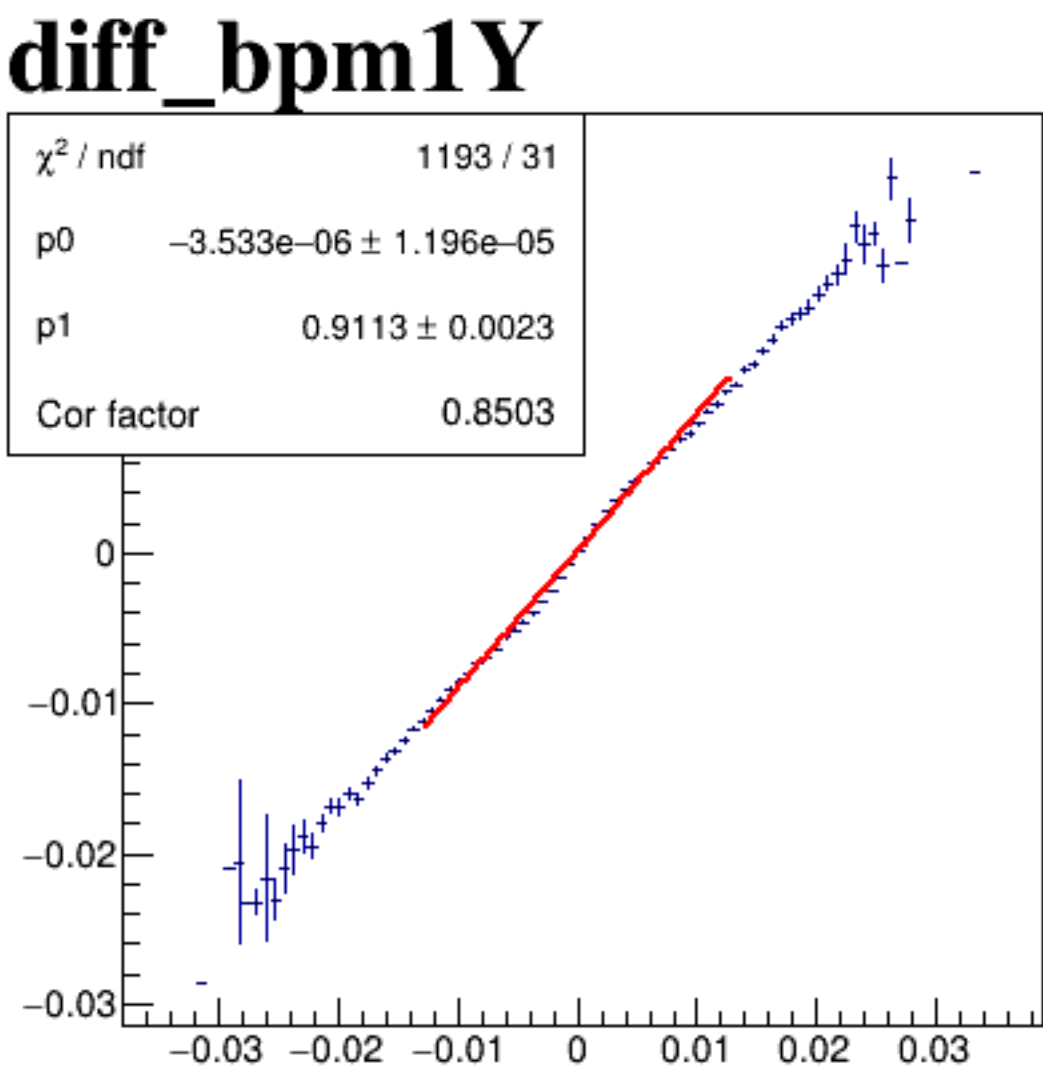
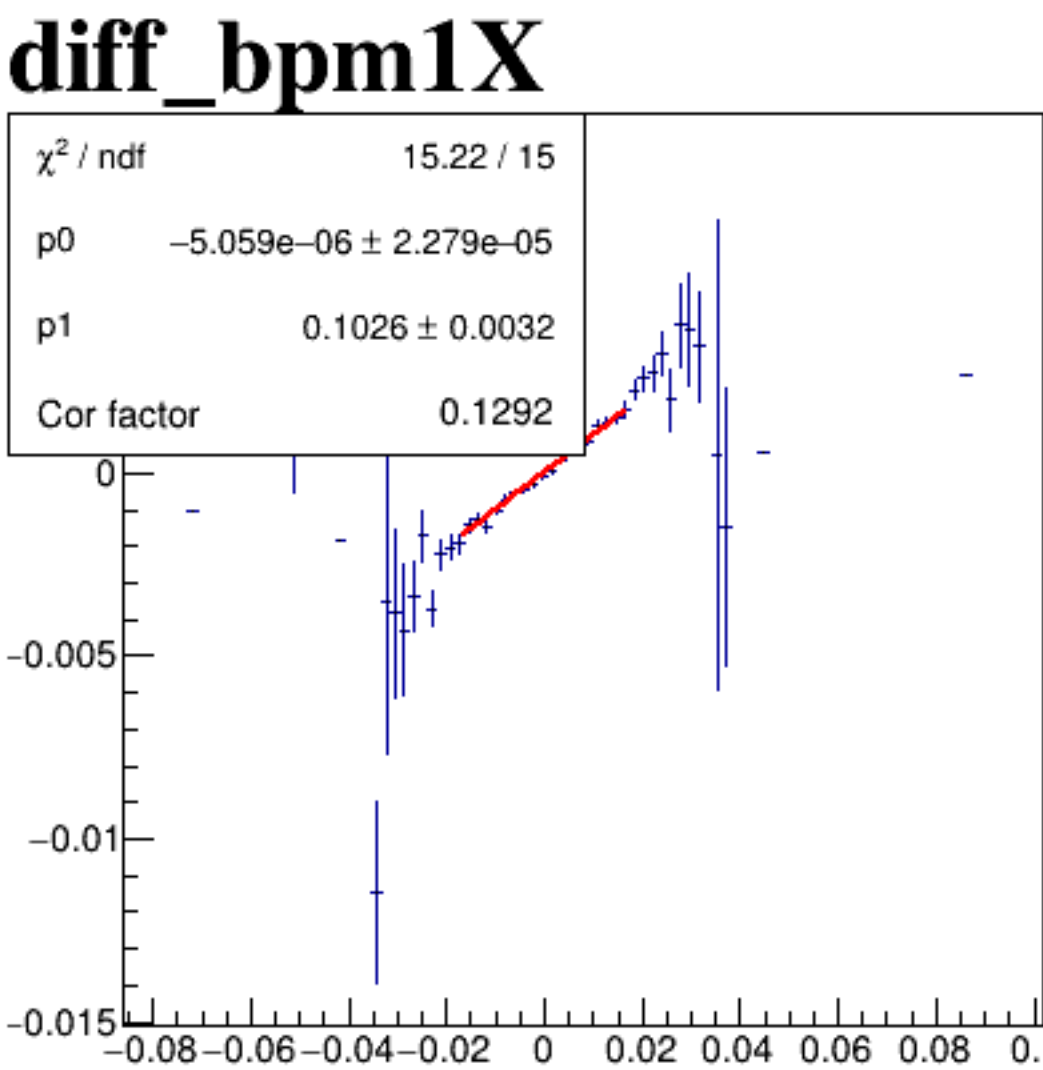
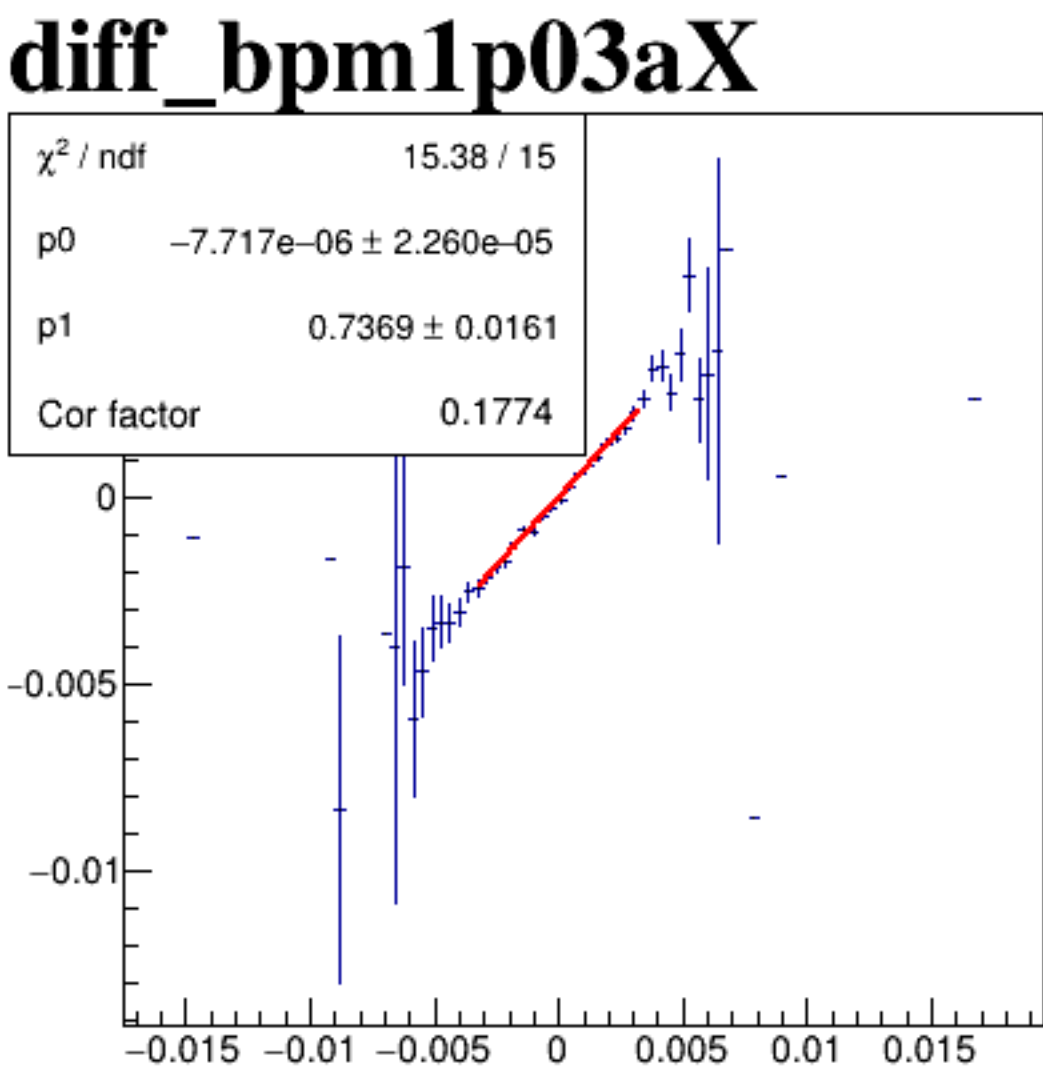
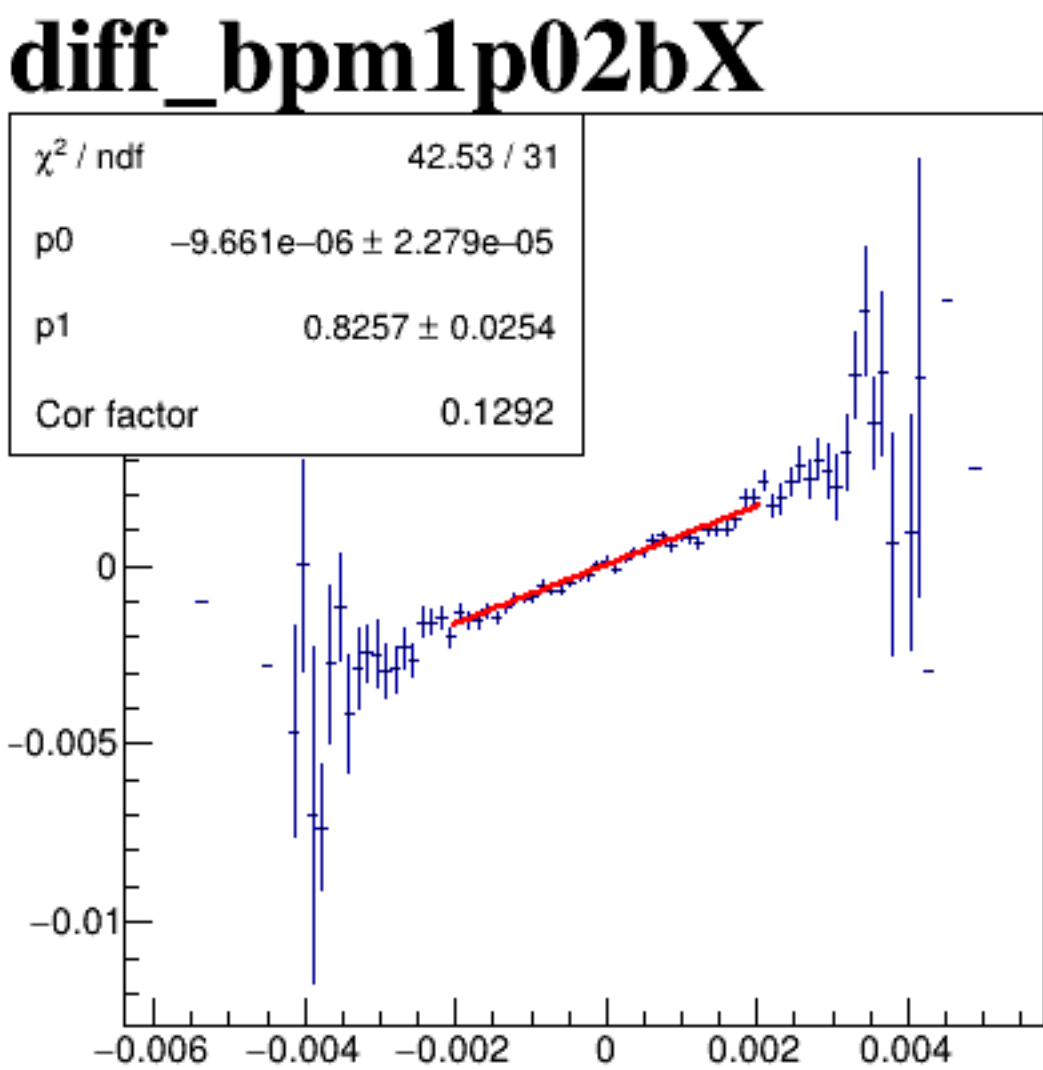
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm4aX'. The x-axis and y-axis both range from -0.08 to 0.1, with major tick marks every 0.02 units. The data points are tightly clustered along a diagonal line that starts at approximately (-0.07, -0.07) and ends at (0.05, 0.05), indicating a very strong positive linear correlation.

run7185_000_diff_bpm_mutual_correlation_COLZ_upstream.png

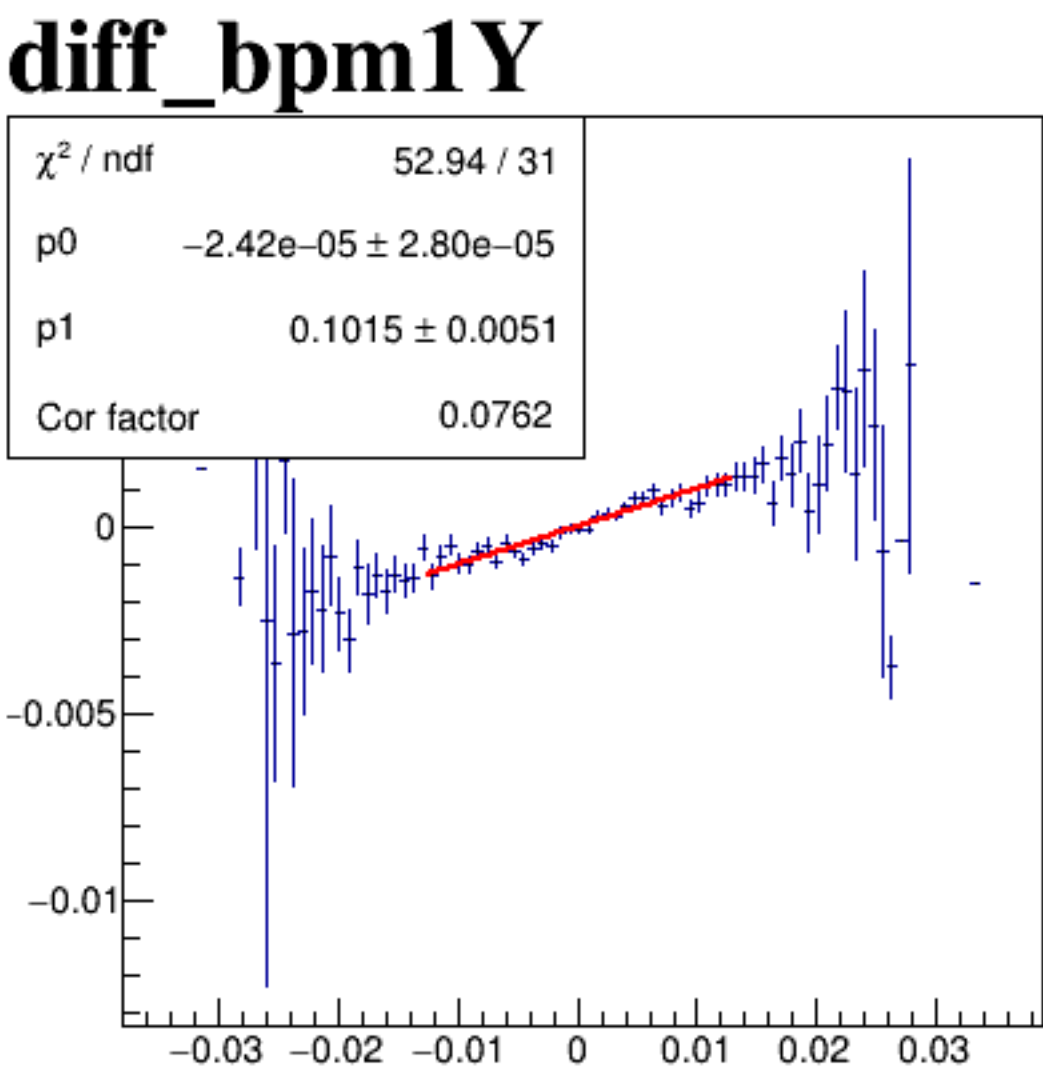
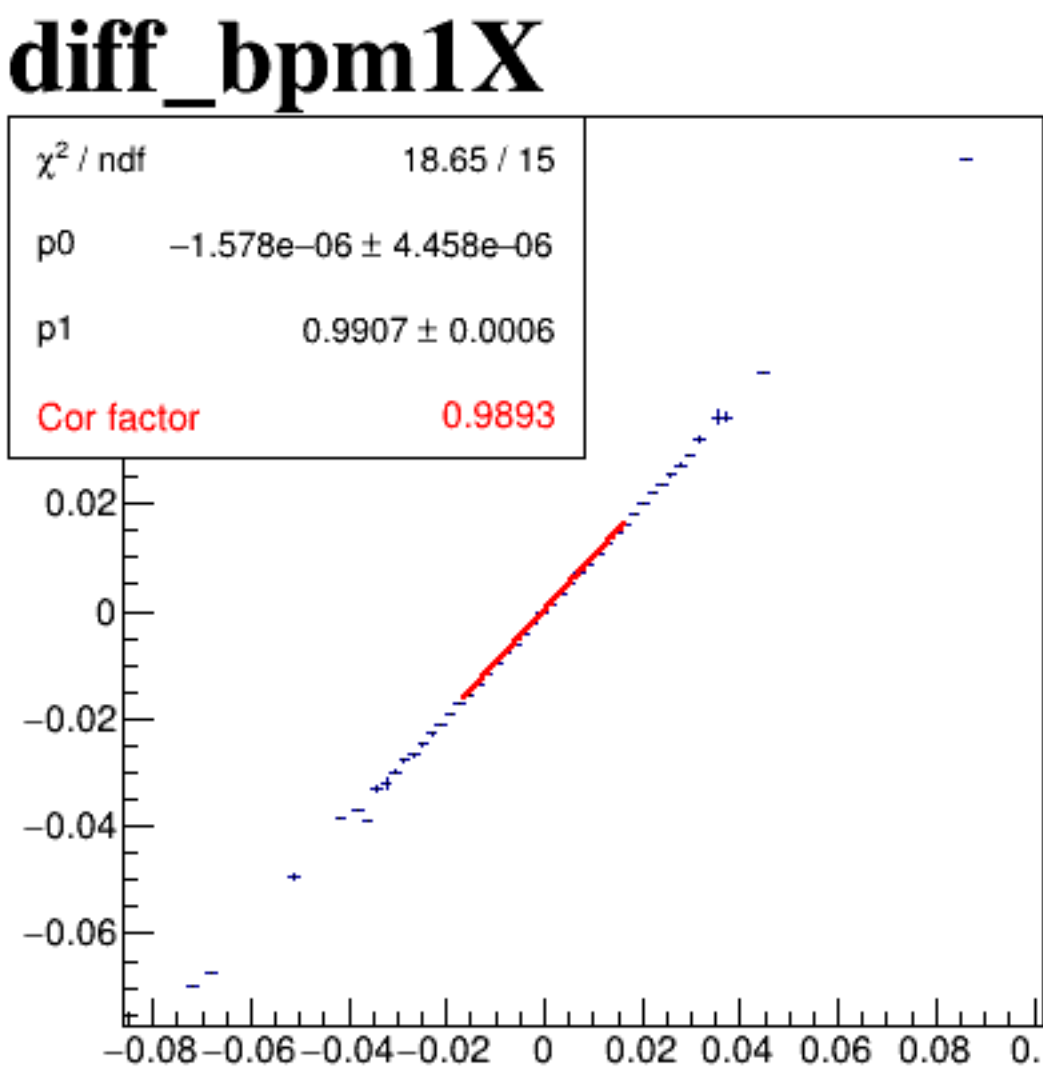
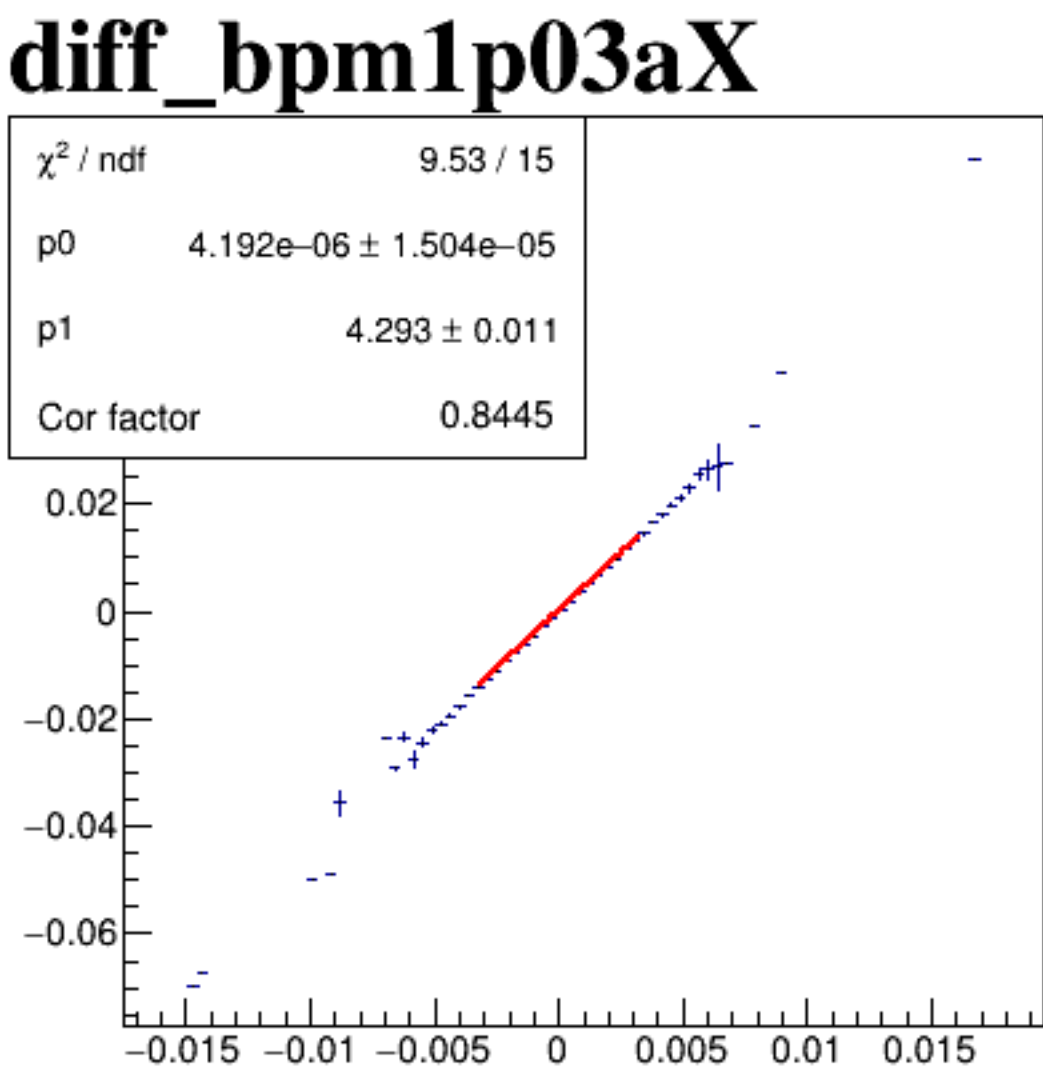
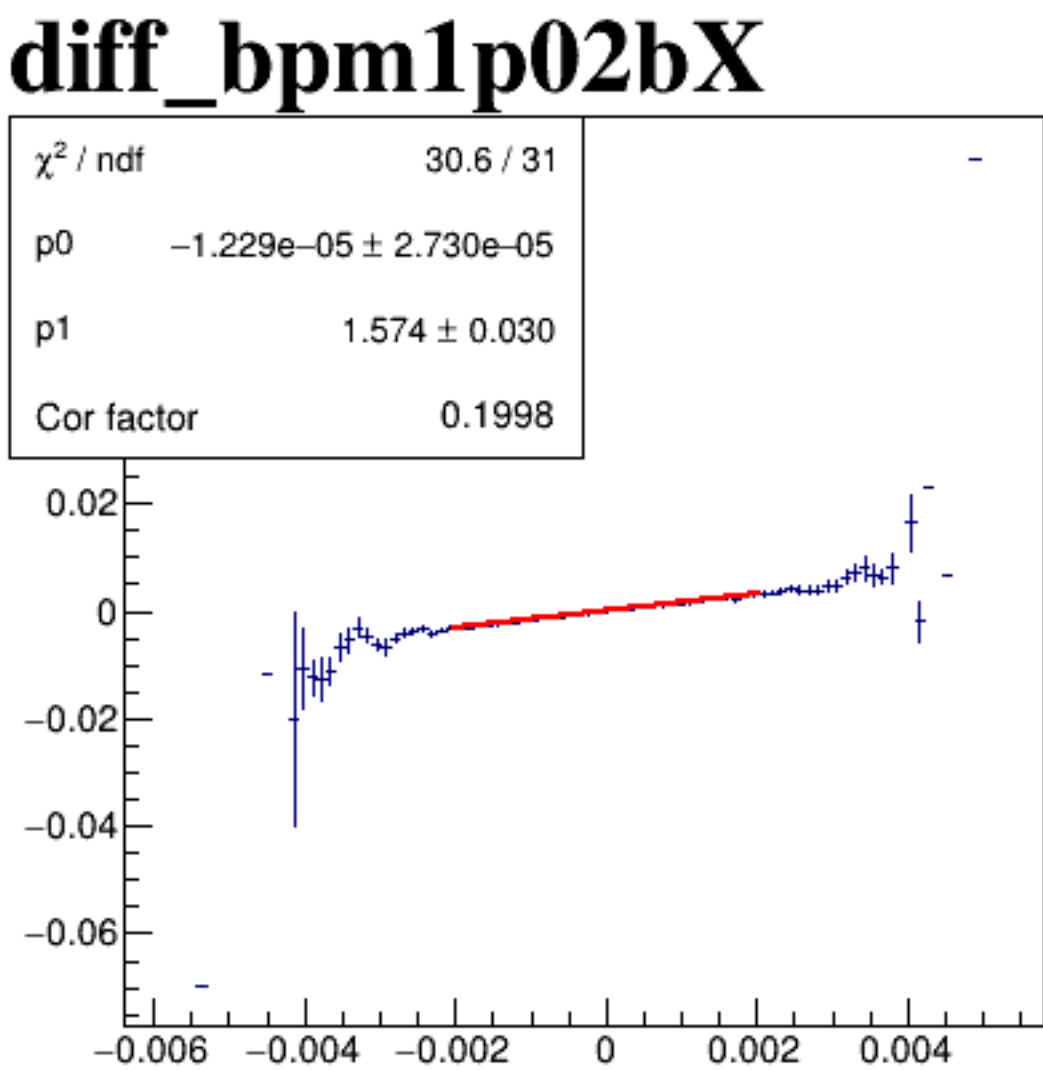
diff_bpm4aX



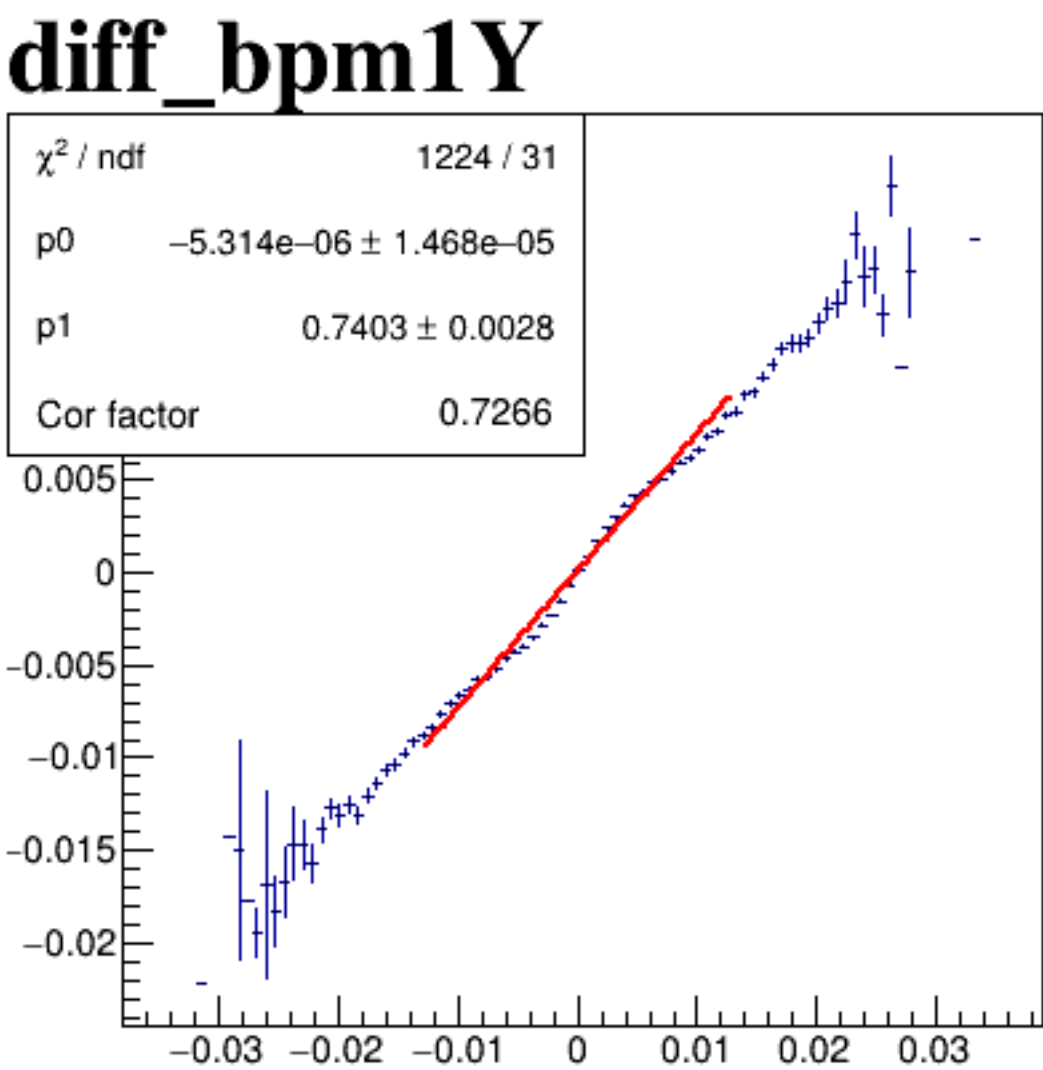
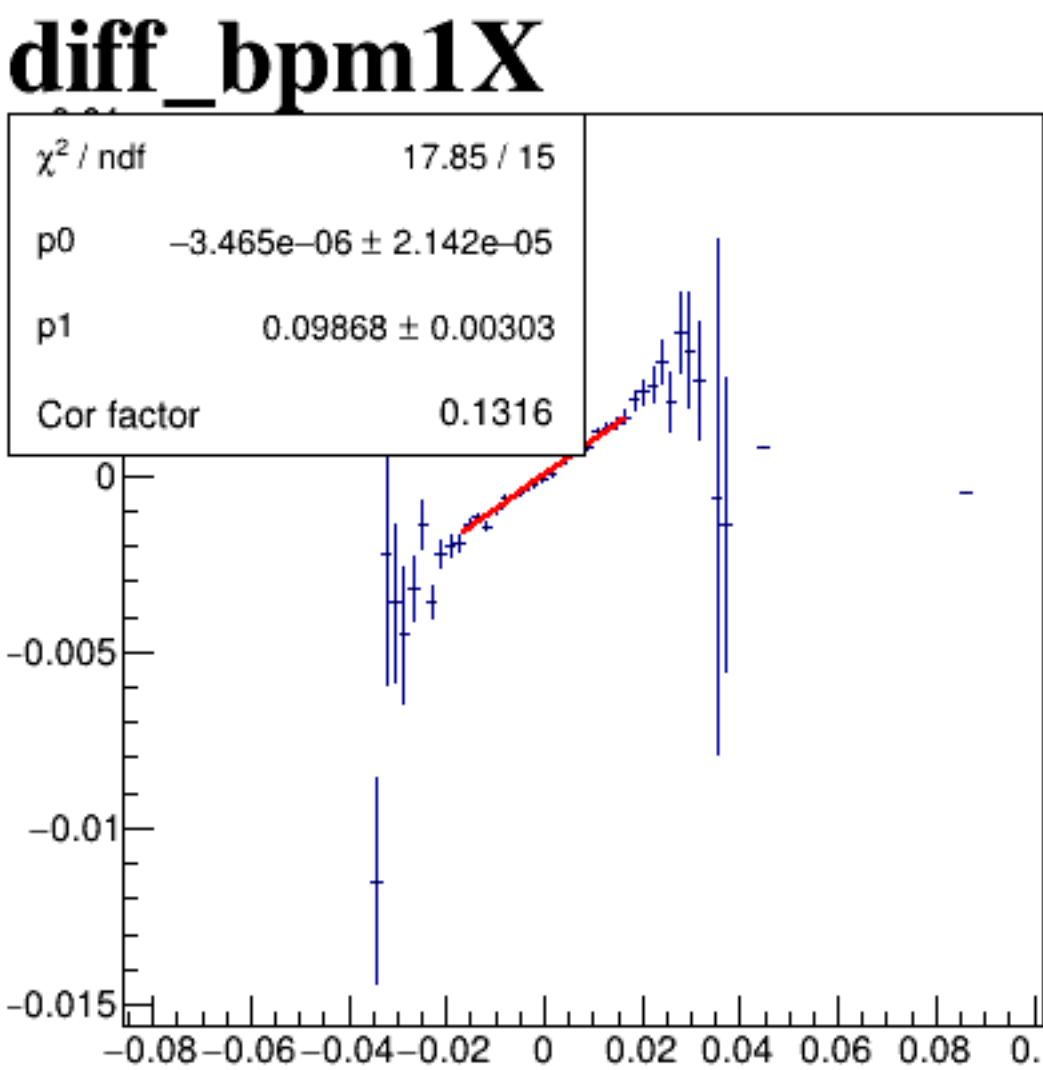
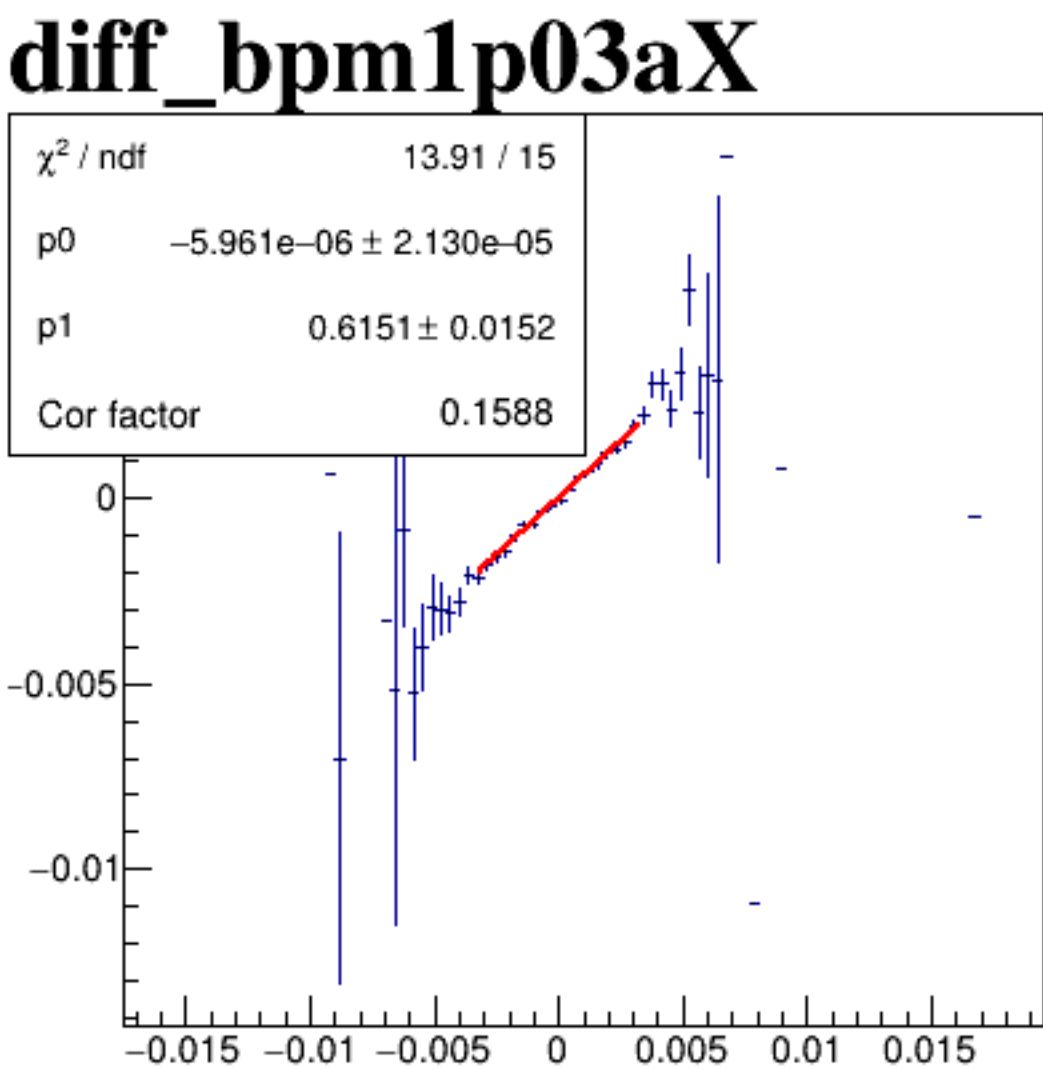
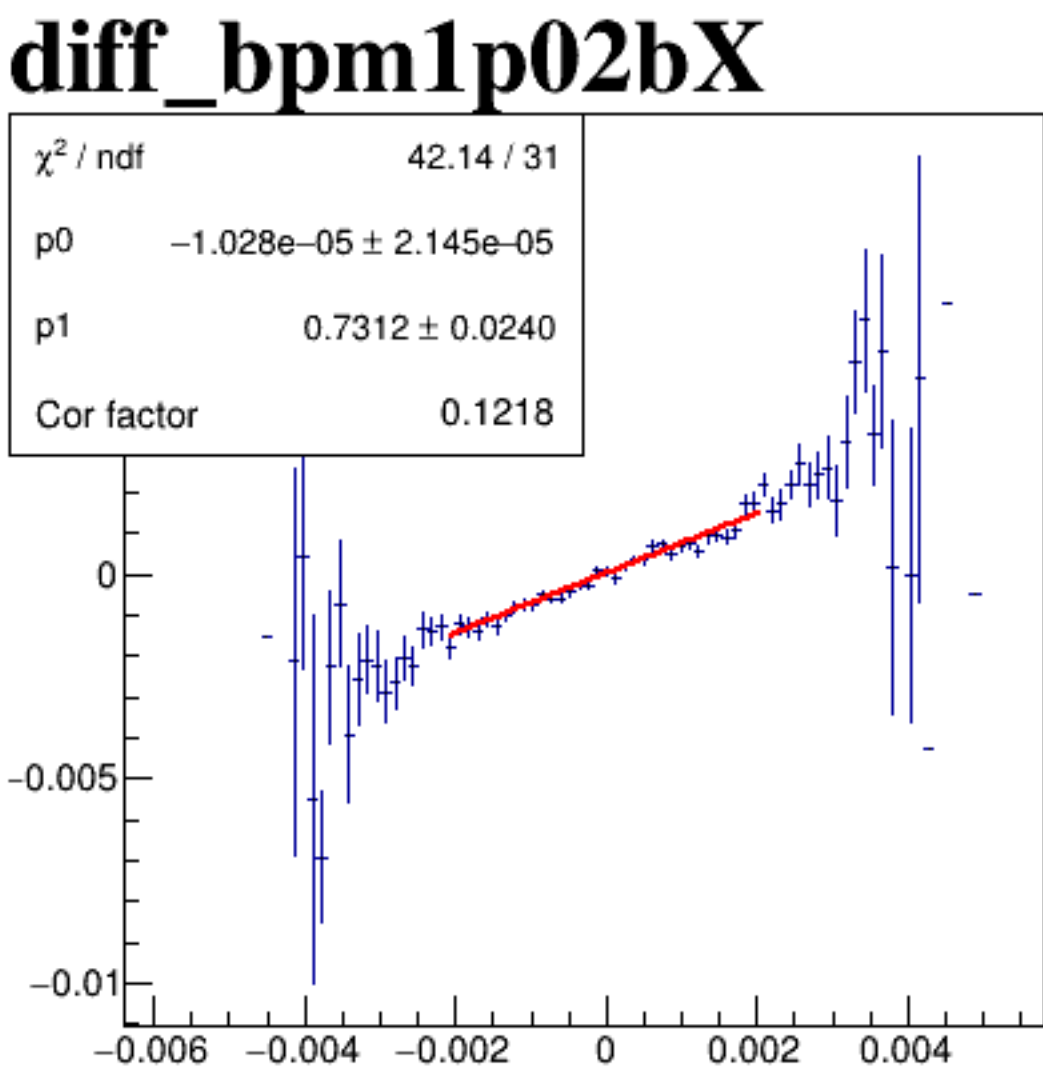
diff_bpm4aY



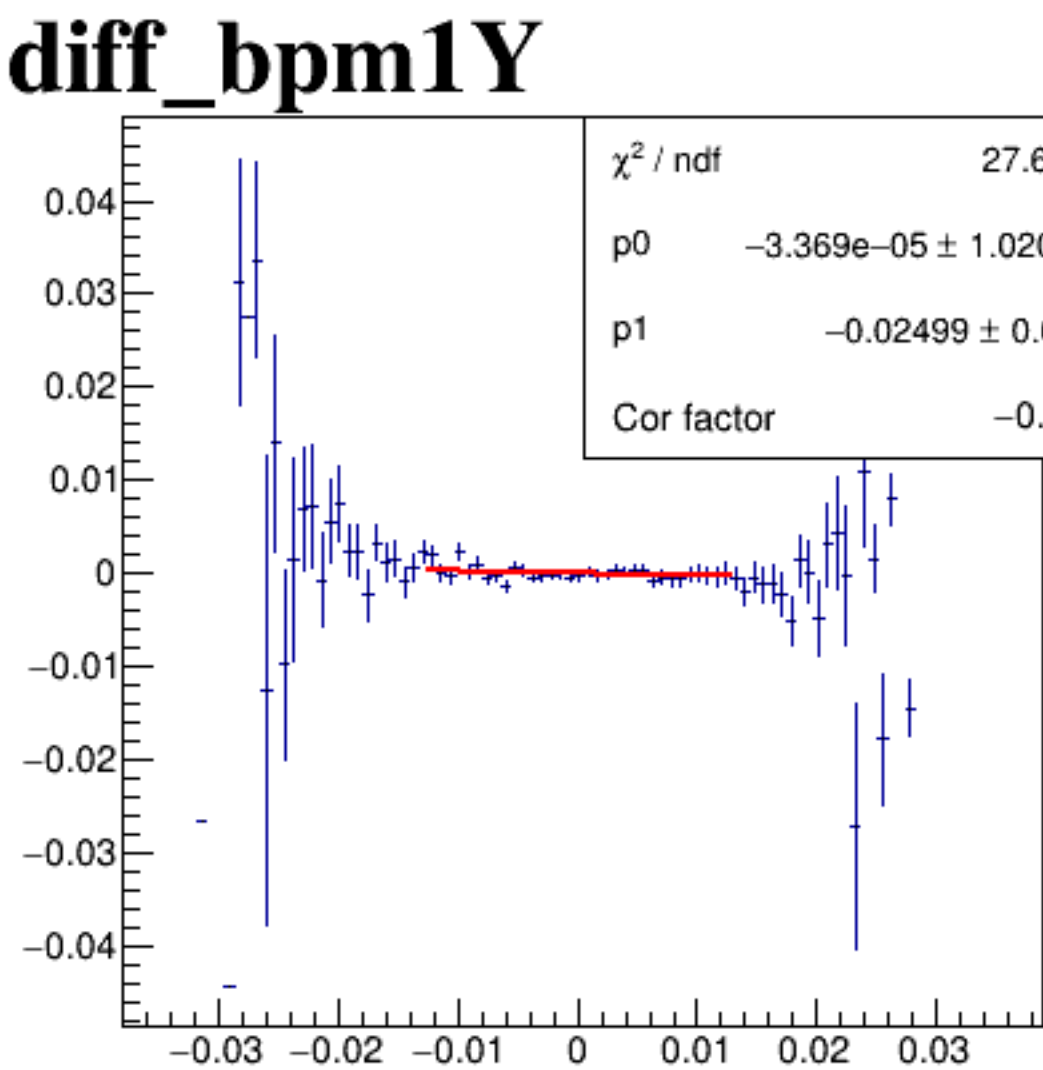
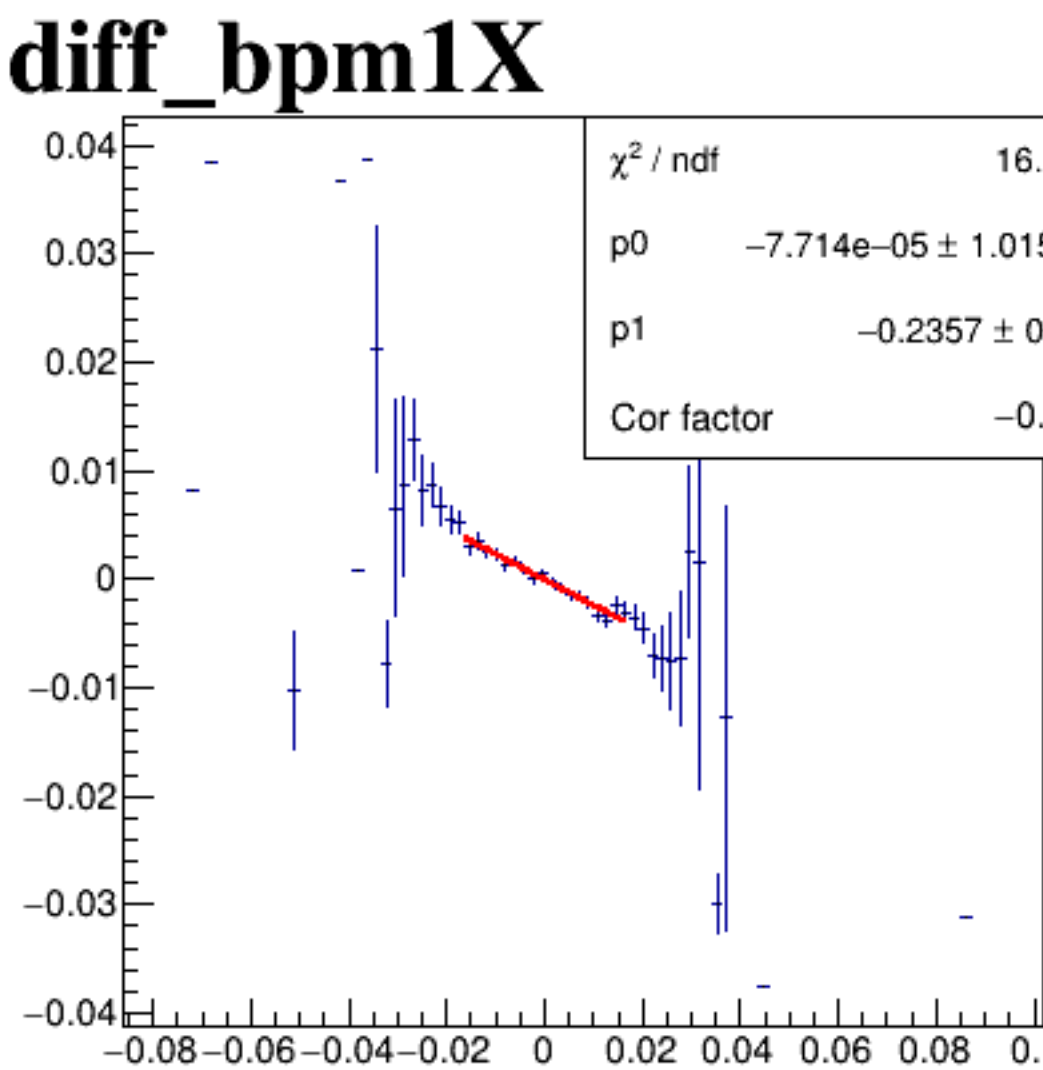
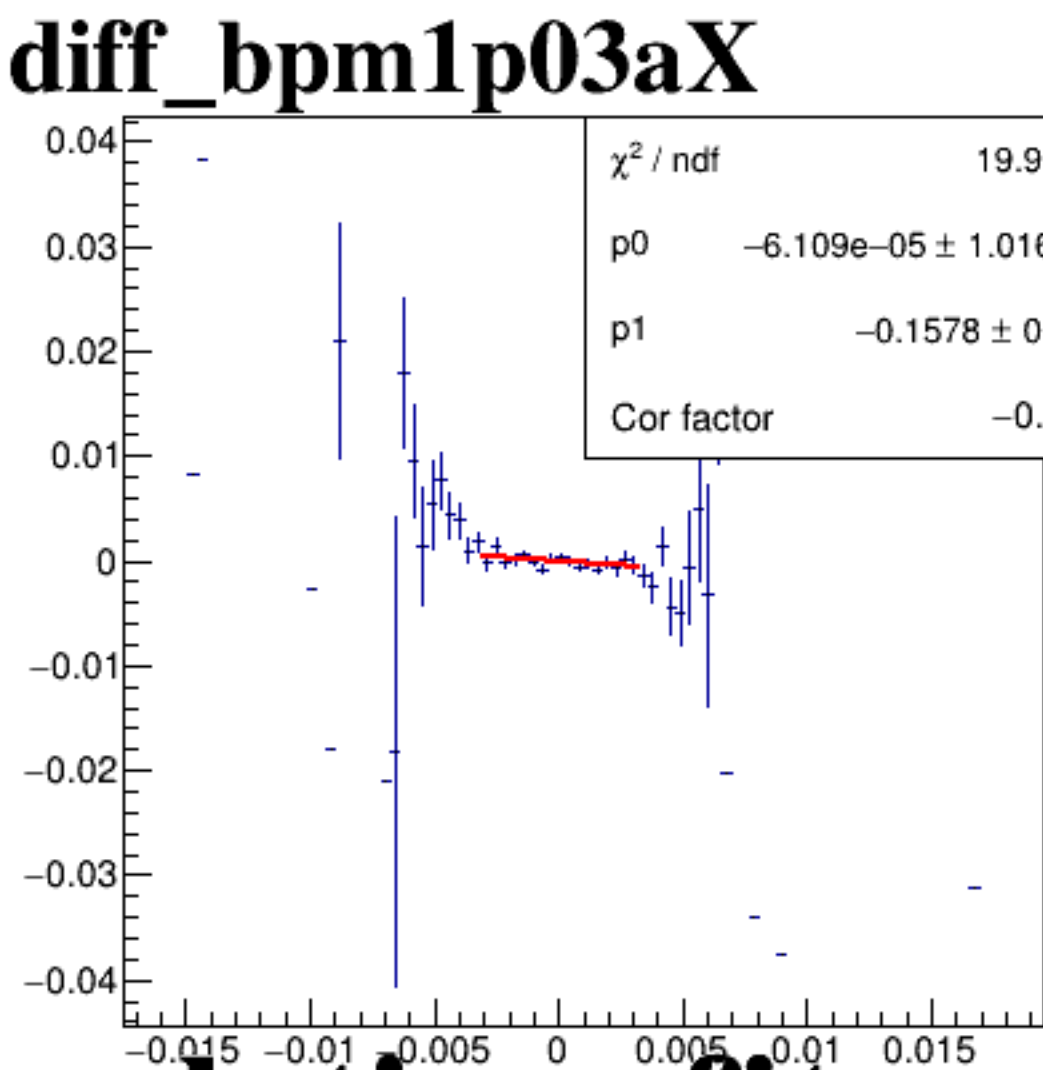
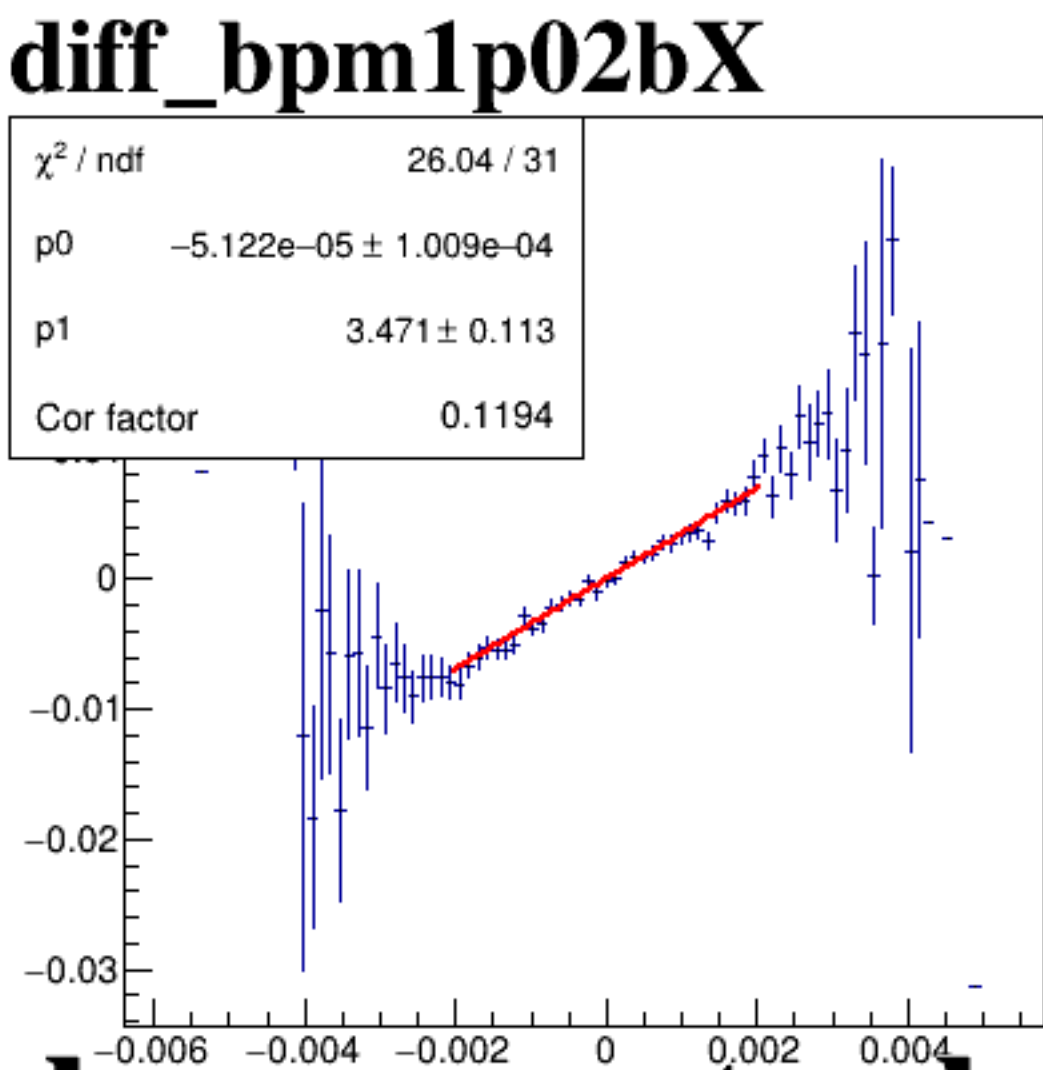
diff_bpm4eX



diff_bpm4eY



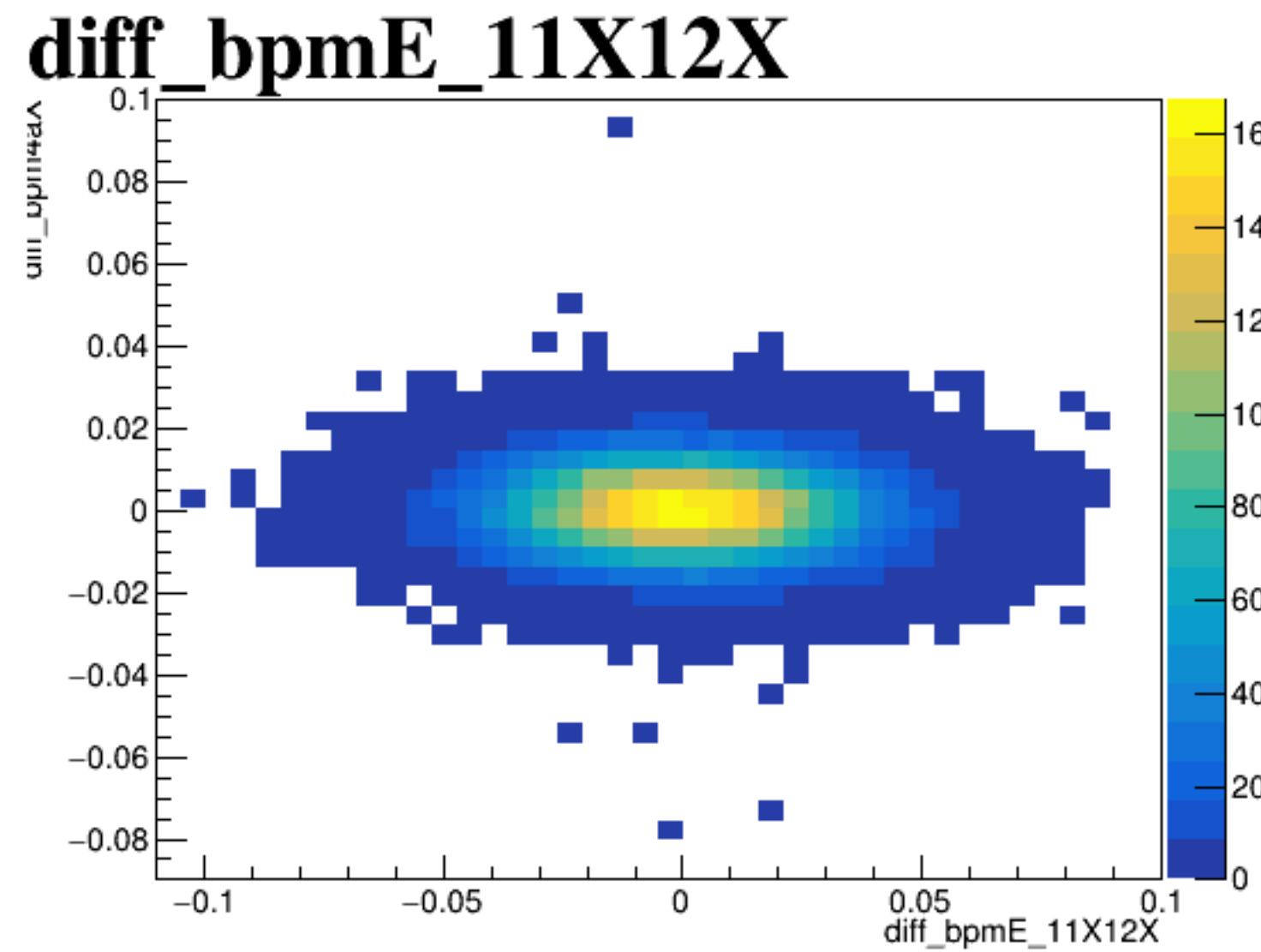
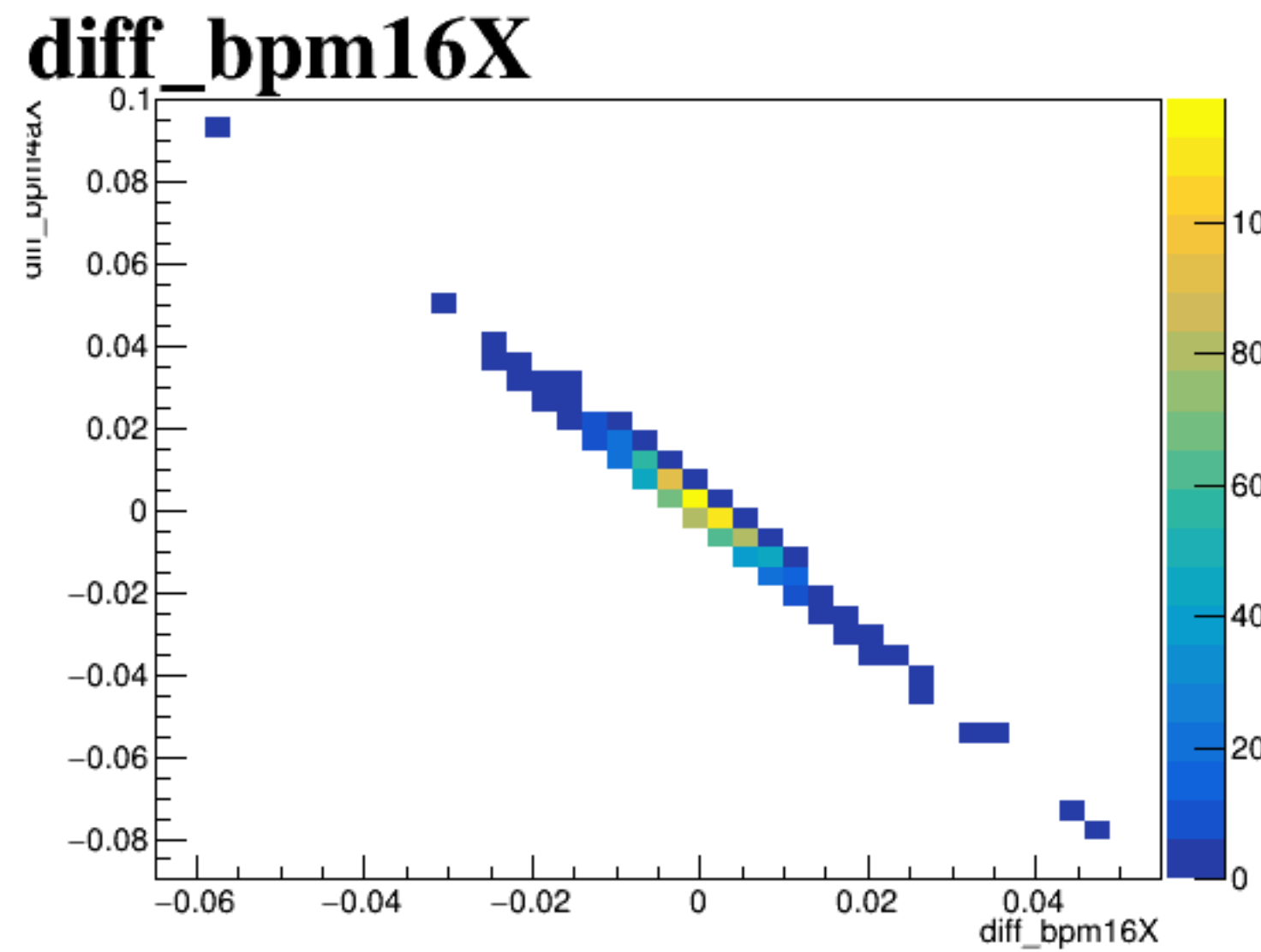
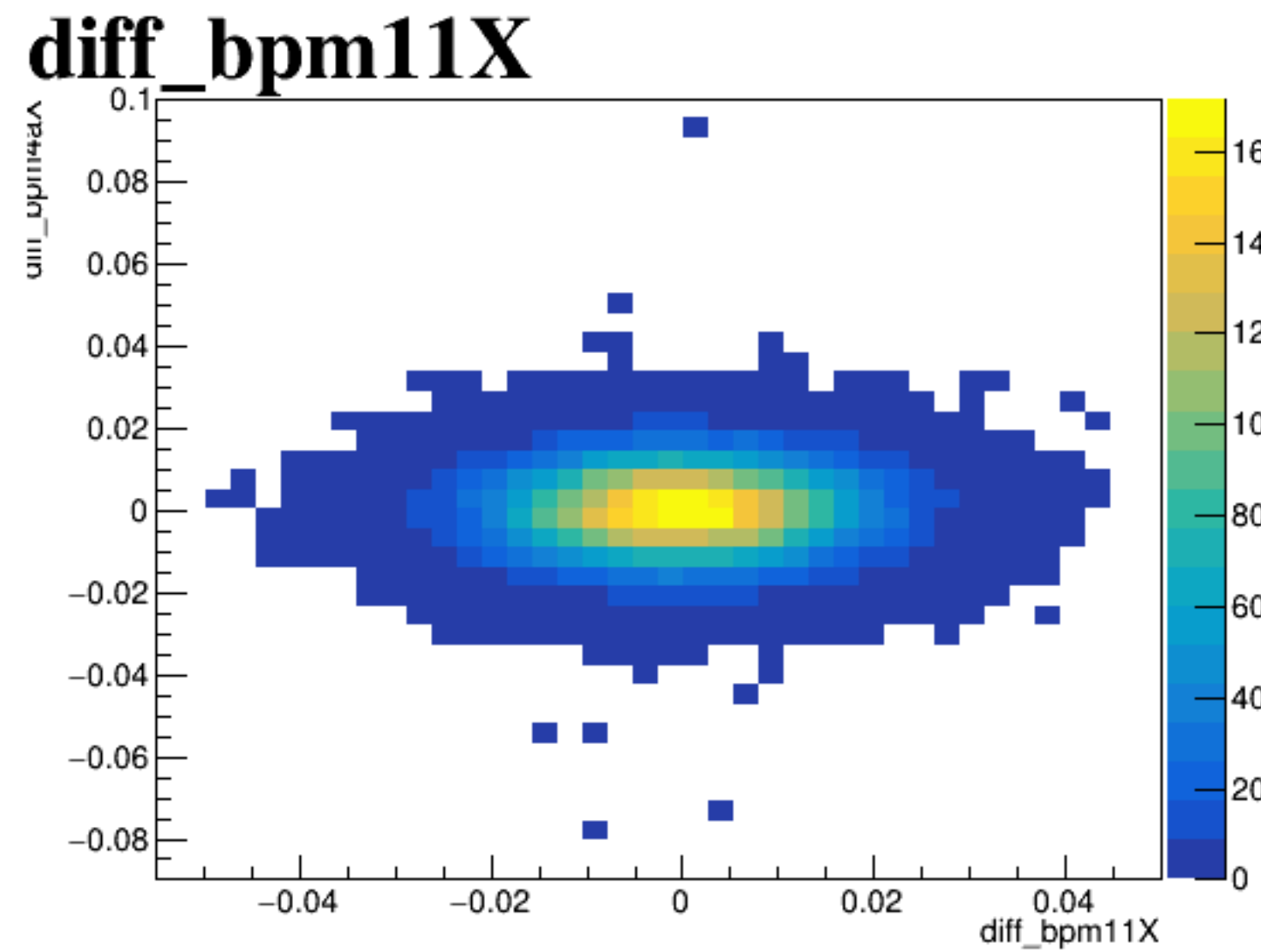
diff_bpm12X



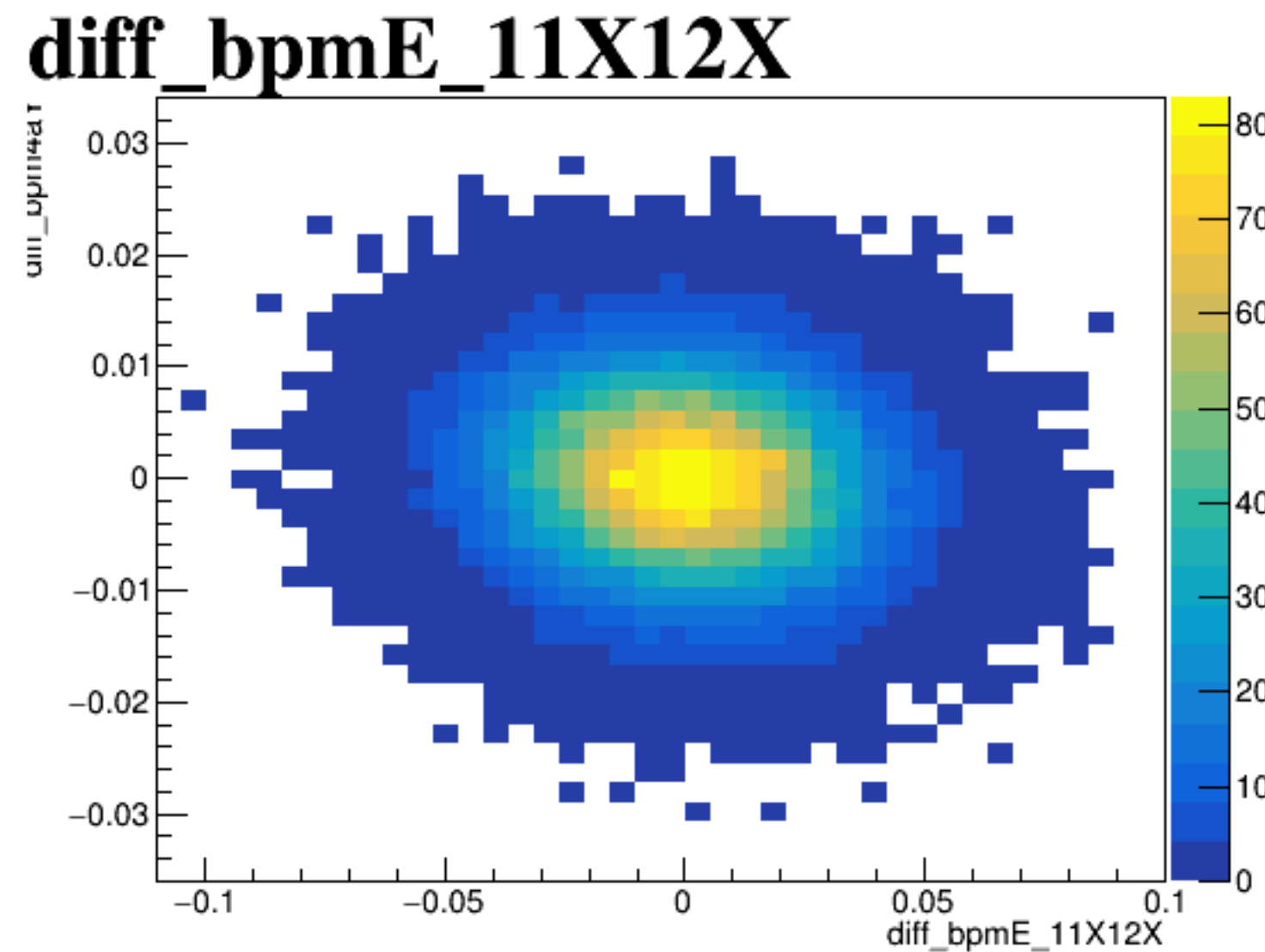
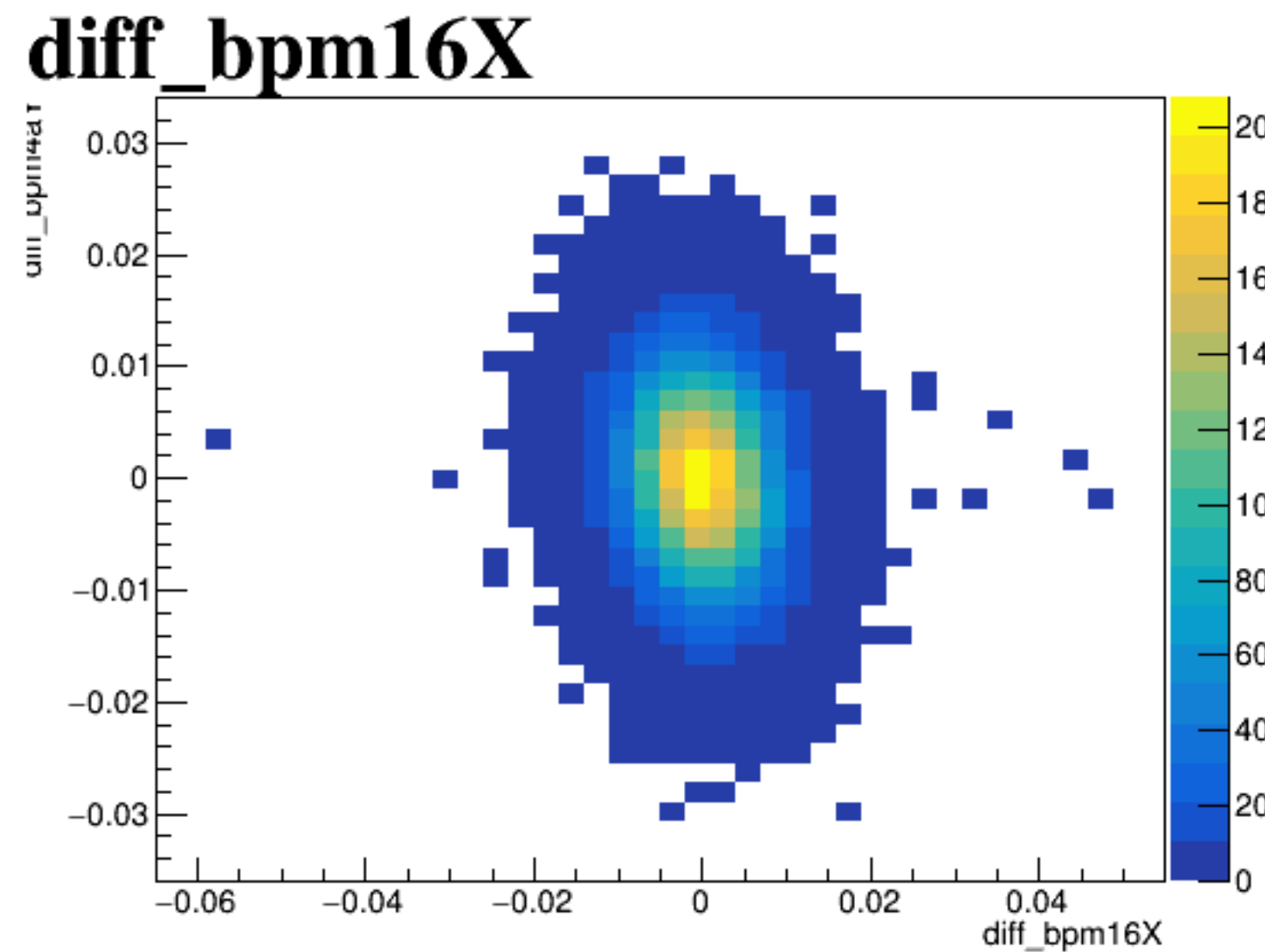
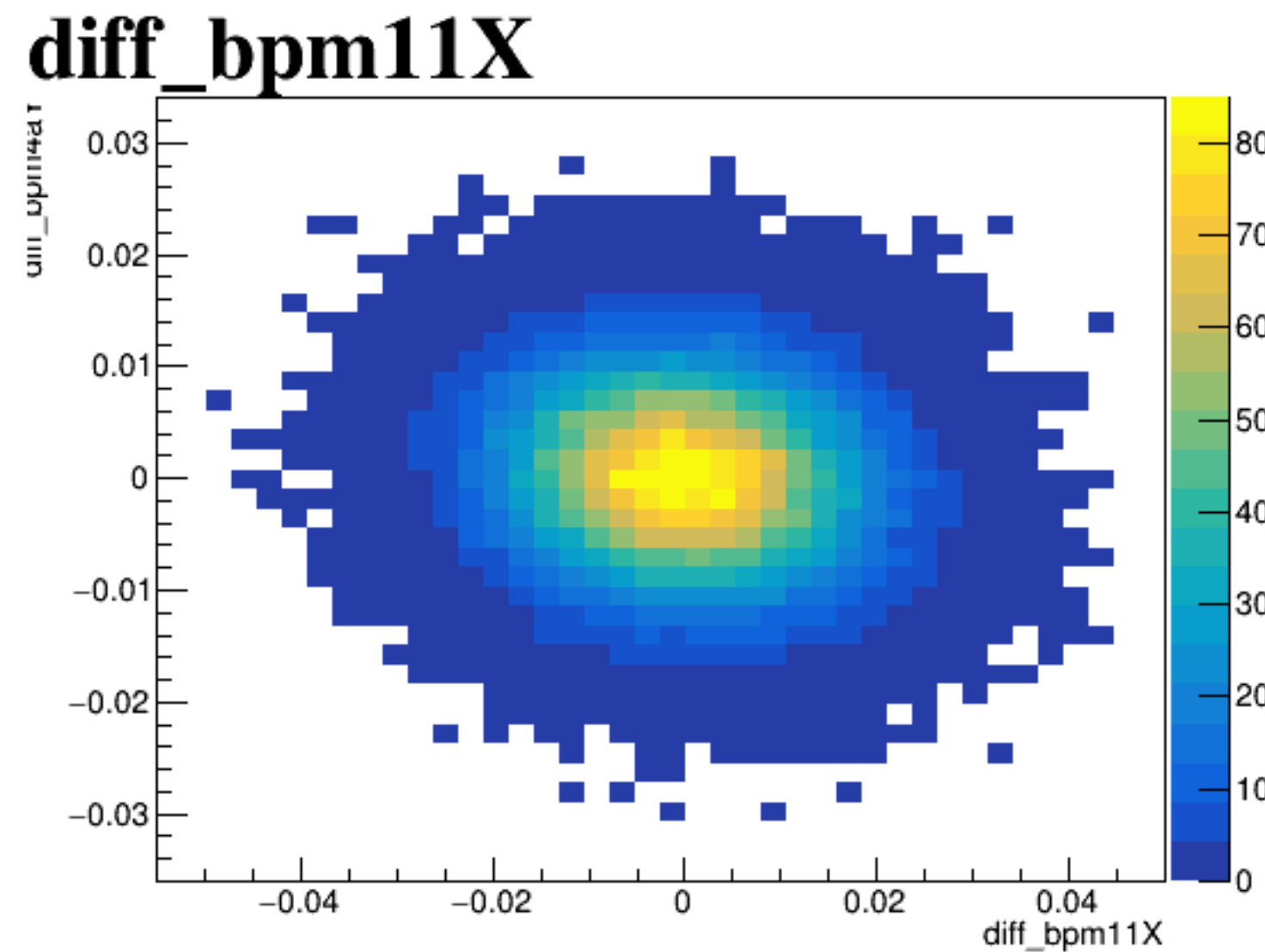
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The x-axis and y-axis both range from -0.03 to 0.03 with major ticks every 0.01. The data points are densely clustered along a diagonal line from the bottom-left to the top-right, indicating a very strong positive correlation. The plot is titled 'diff_bpm1Y' in a large, bold, black font at the top left.

A scatter plot showing the relationship between bpm1p02bX (x-axis) and bpm1p02bX (y-axis). The plot displays a dense cloud of points centered around the origin (0,0). The x-axis ranges from -0.06 to 0.06, and the y-axis ranges from -0.15 to 0.1. The plot is titled 'diff_bpm1p02bX'.

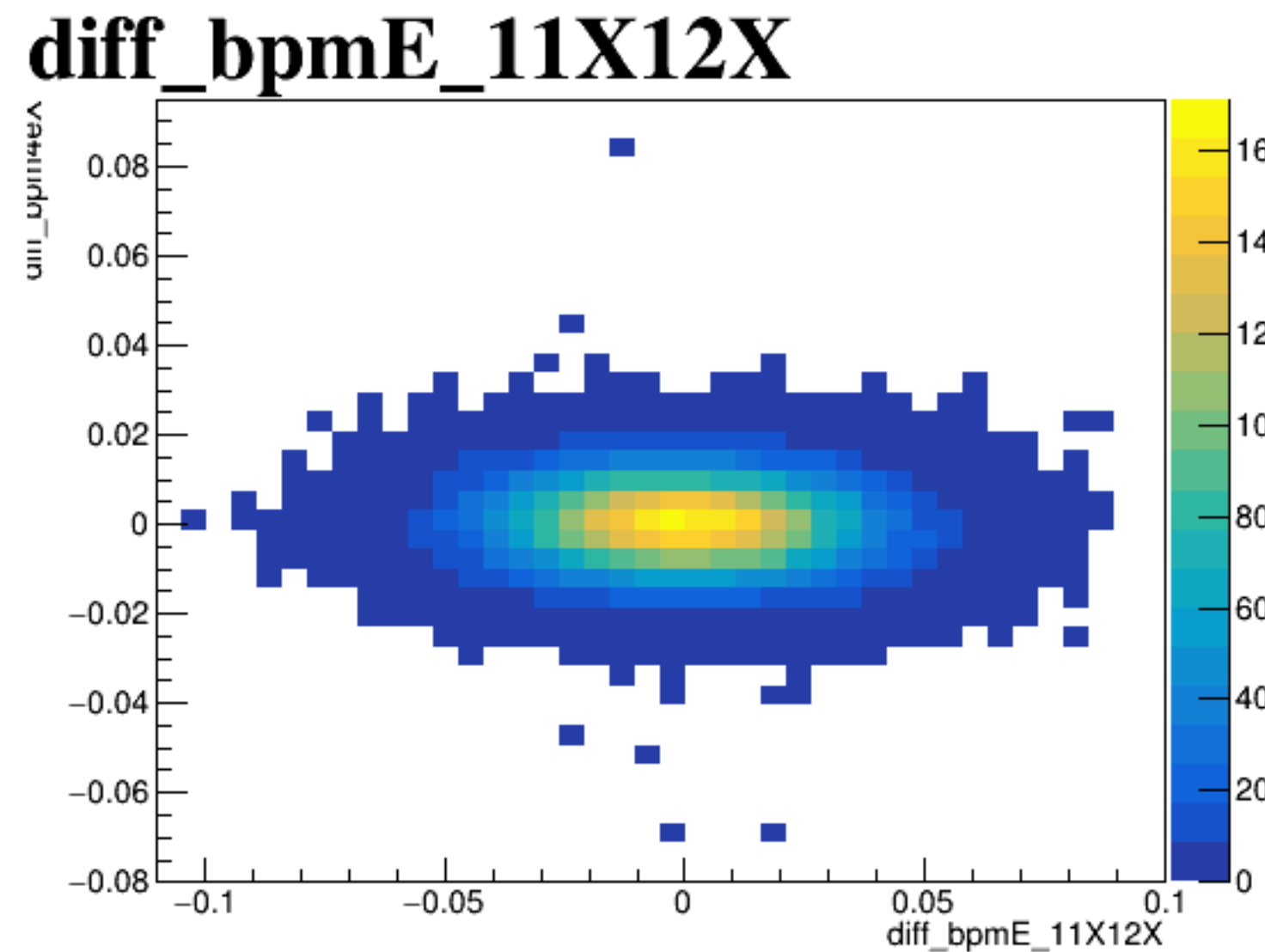
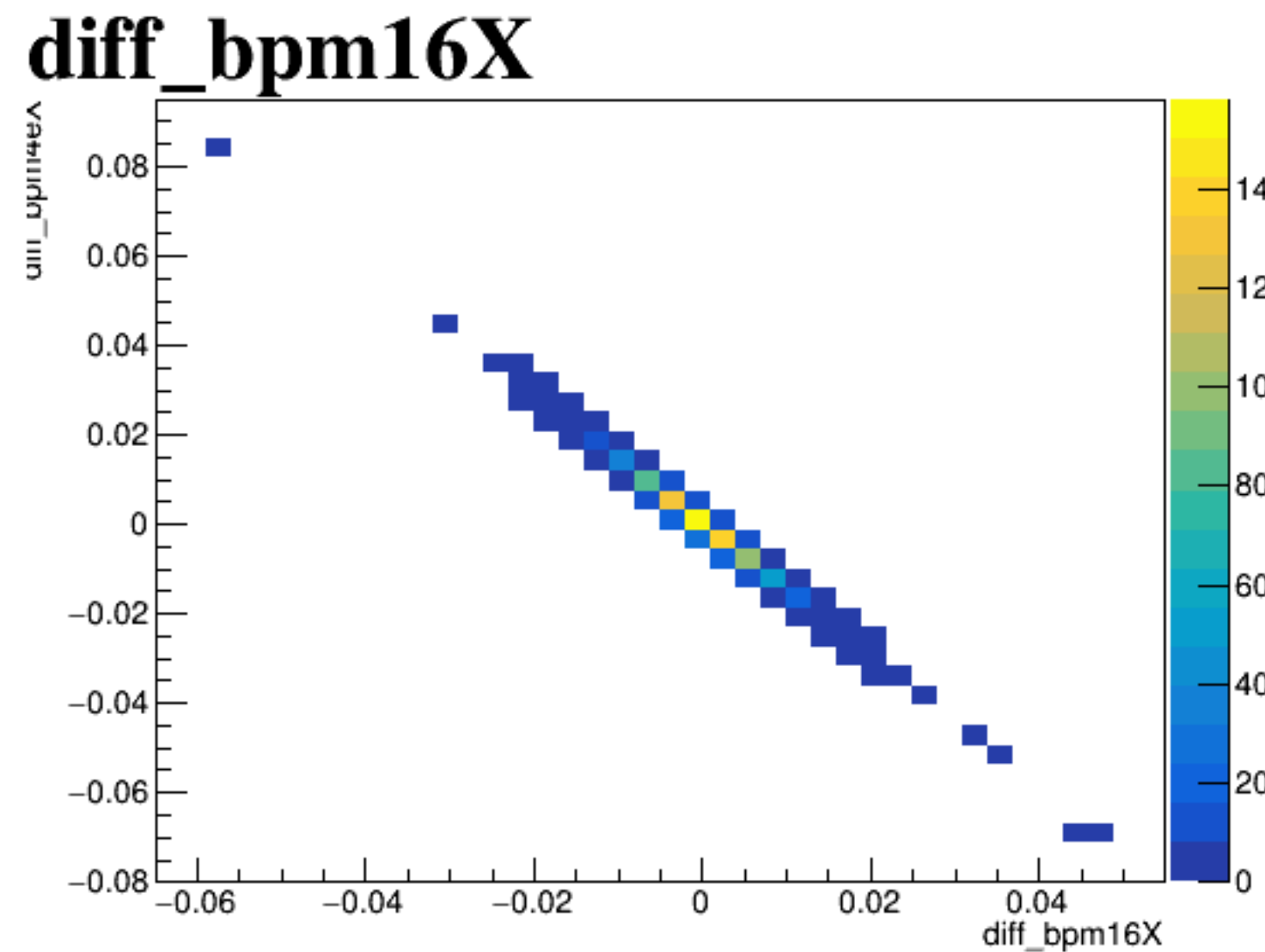
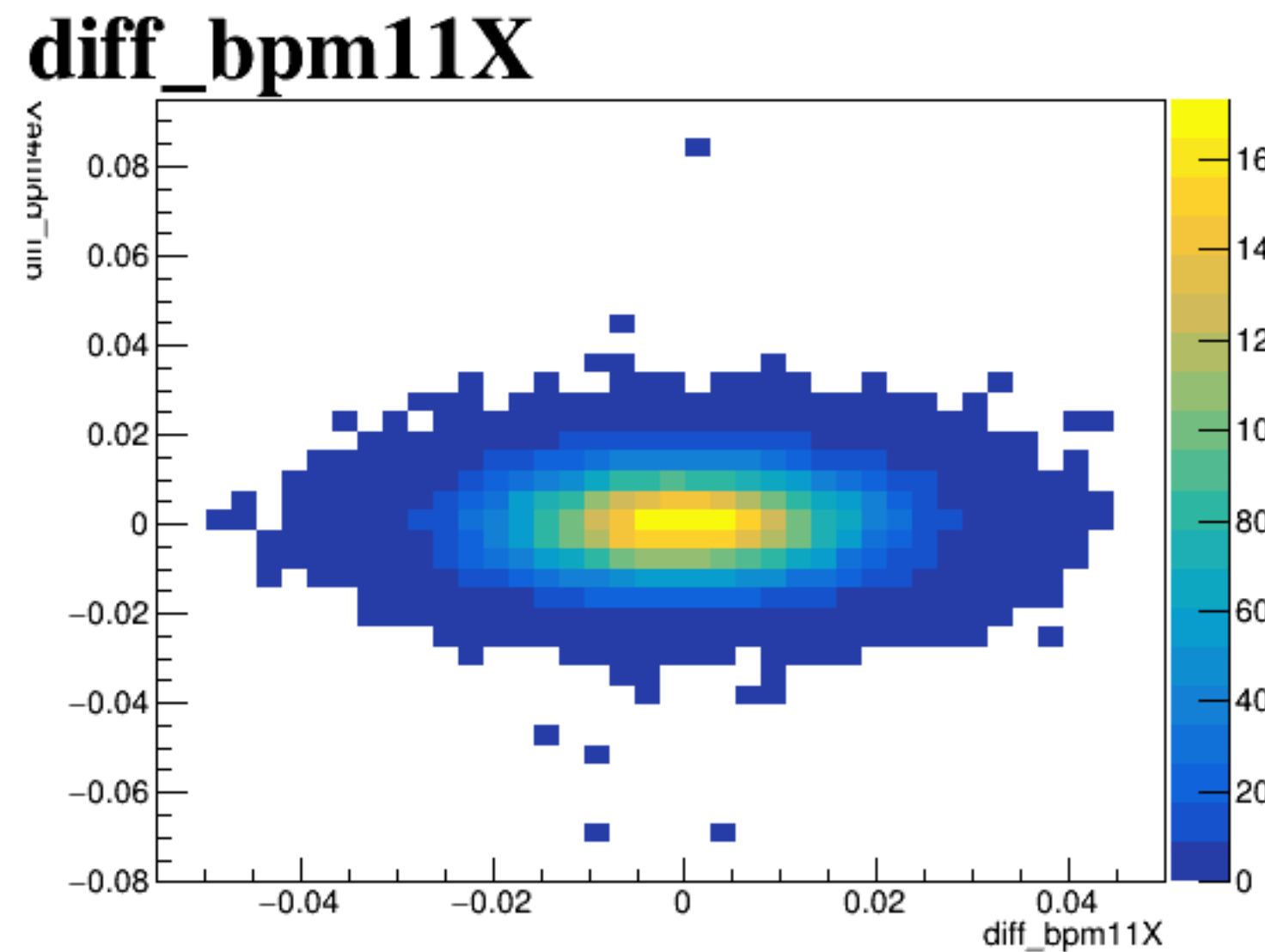
diff_bpm4aX



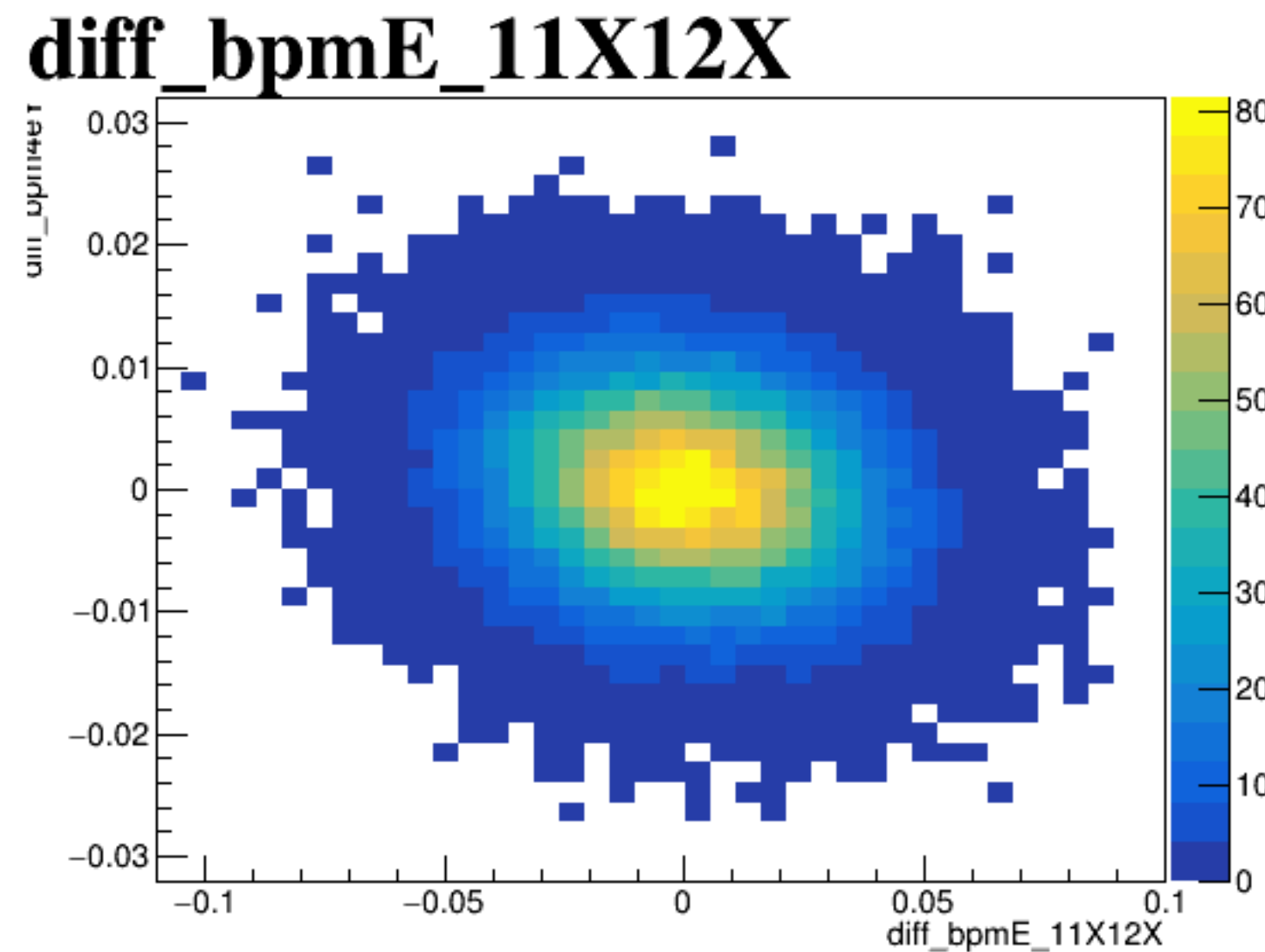
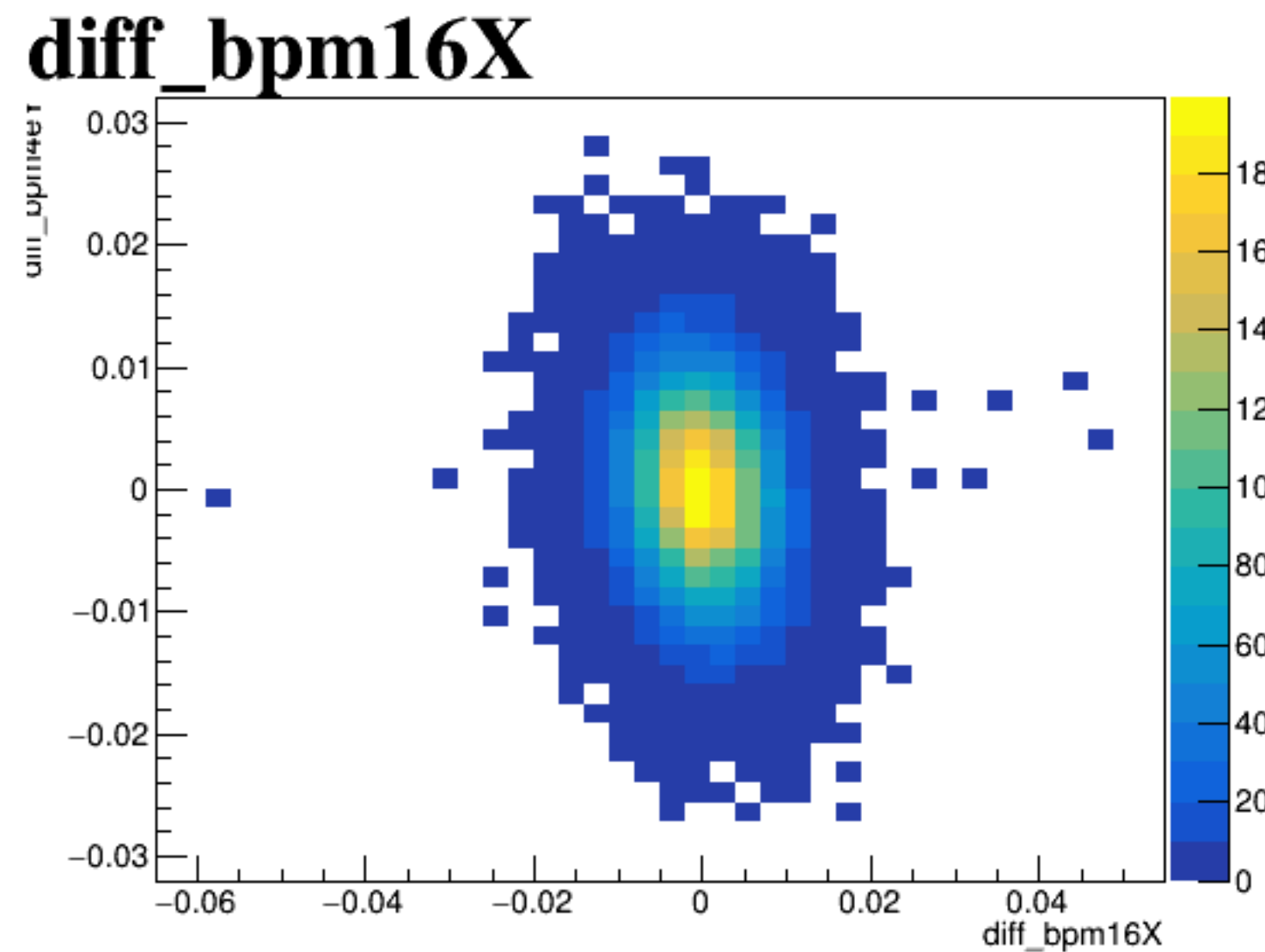
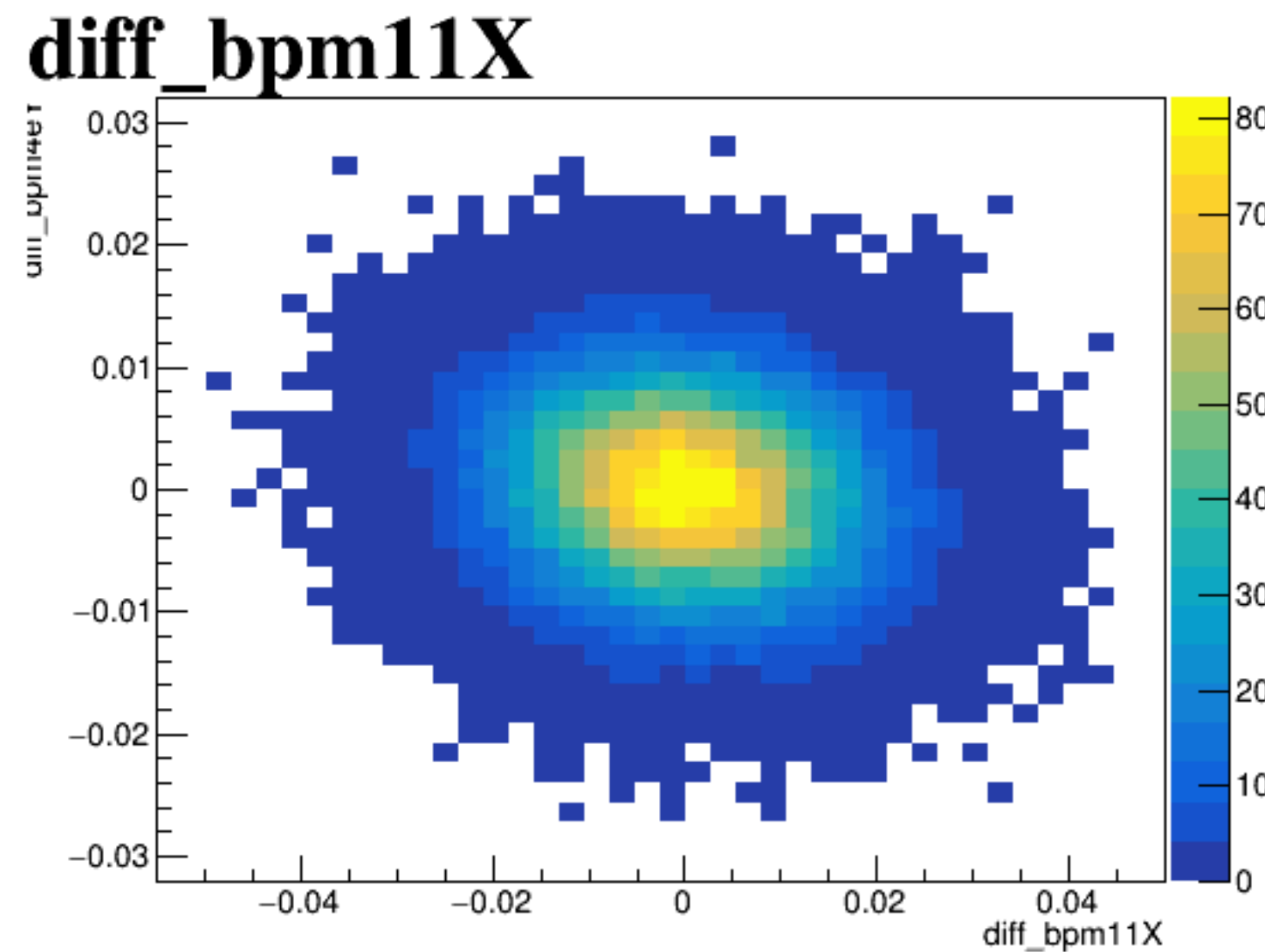
diff_bpm4aY



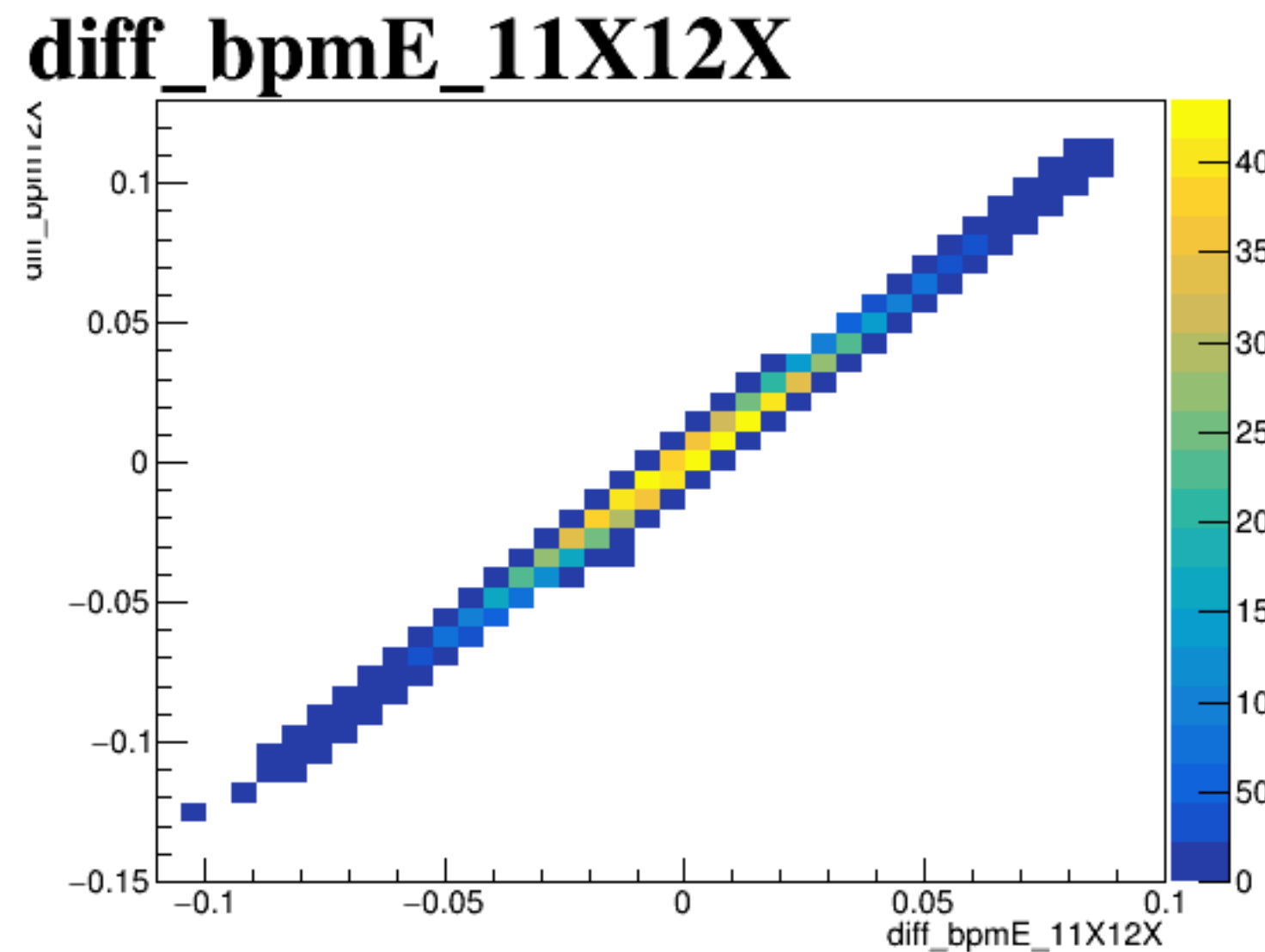
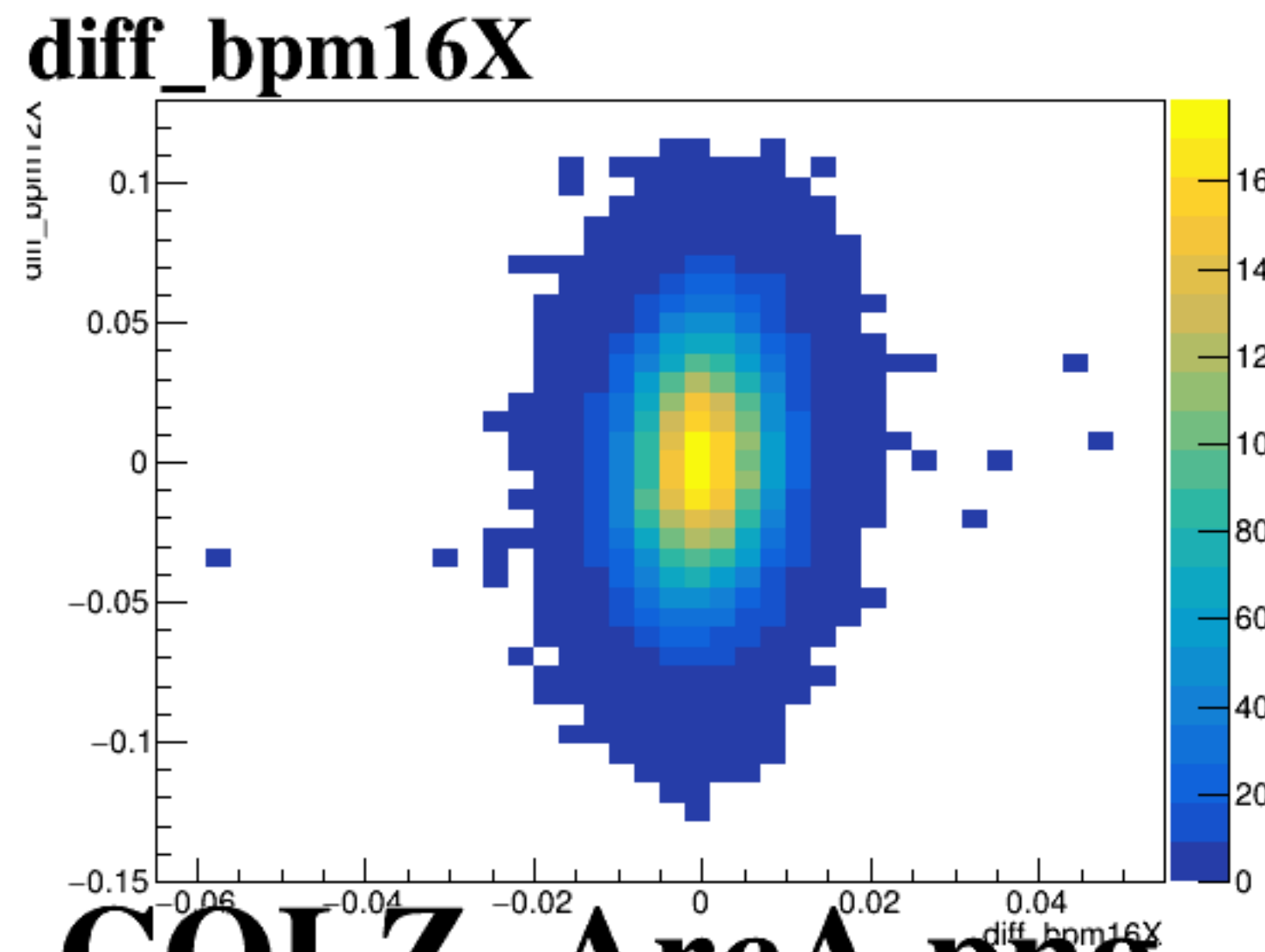
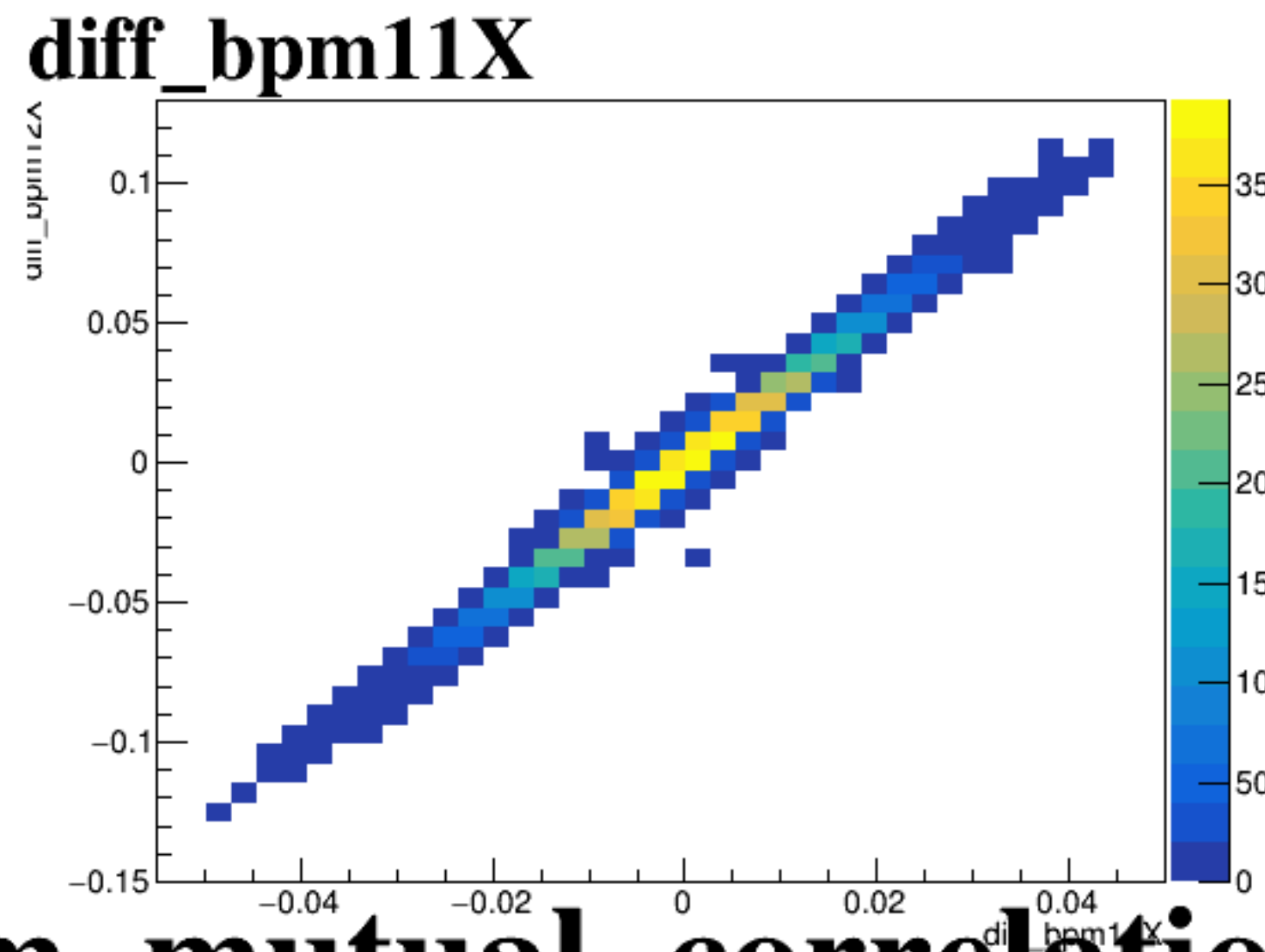
diff_bpm4eX



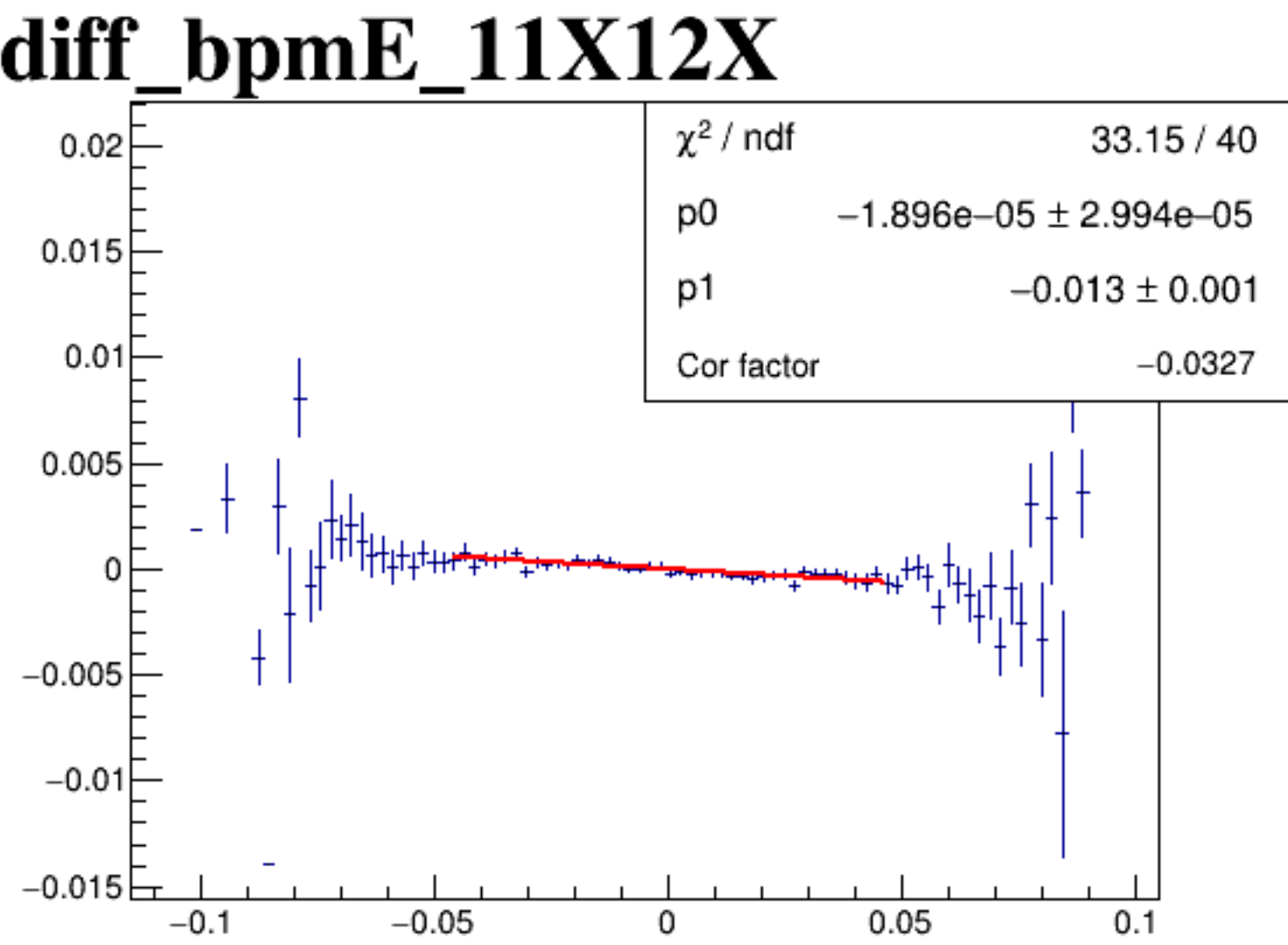
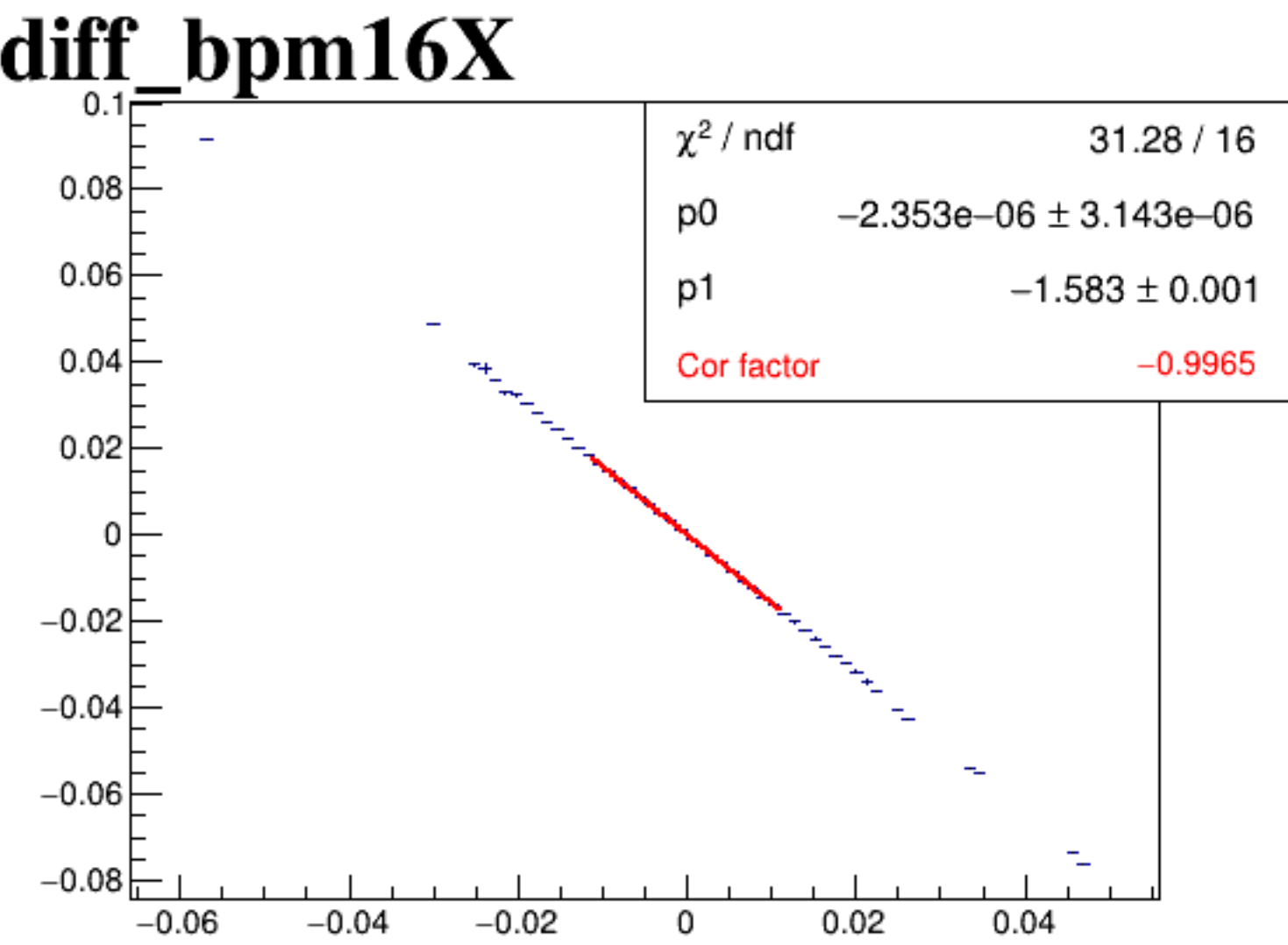
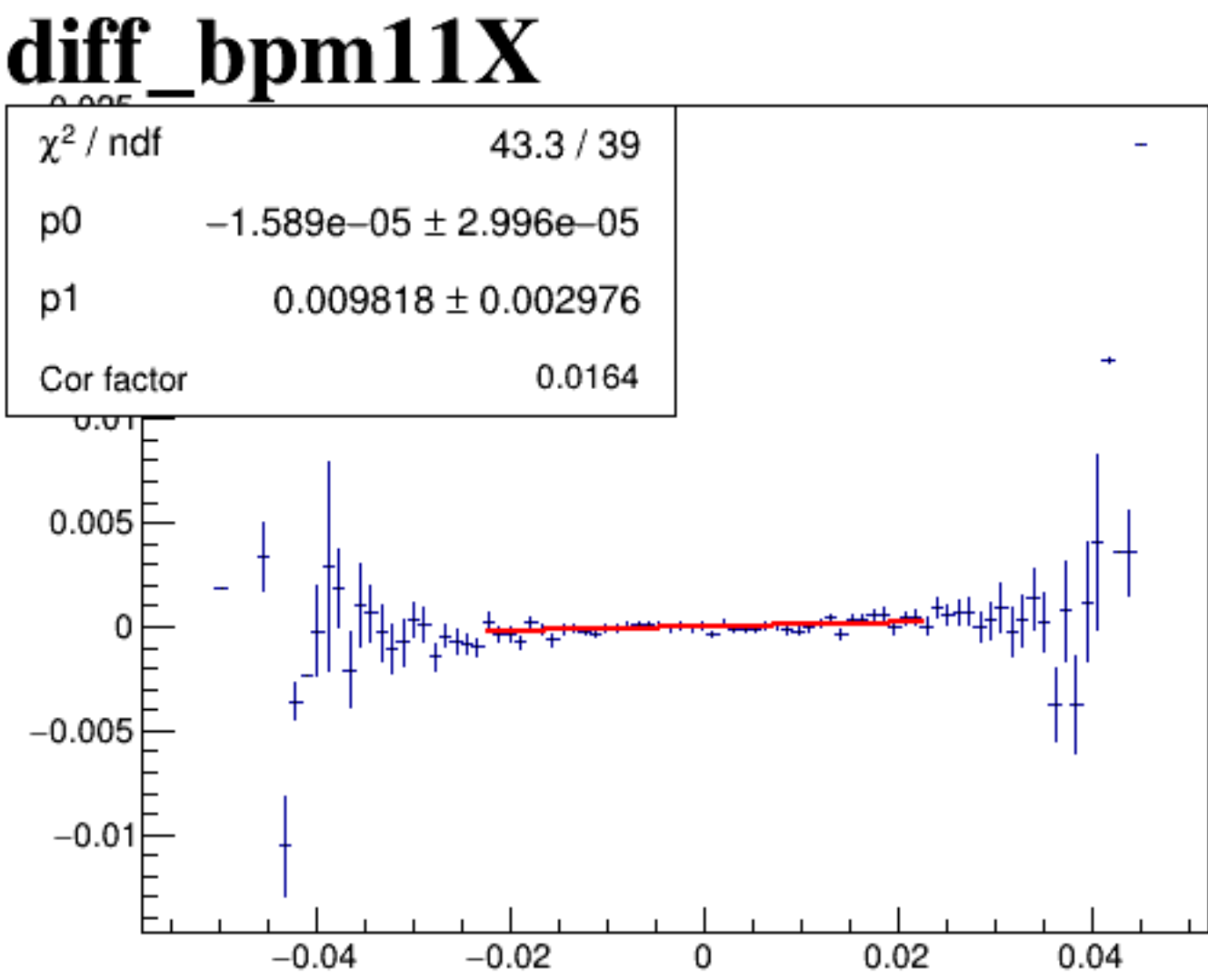
diff_bpm4eY



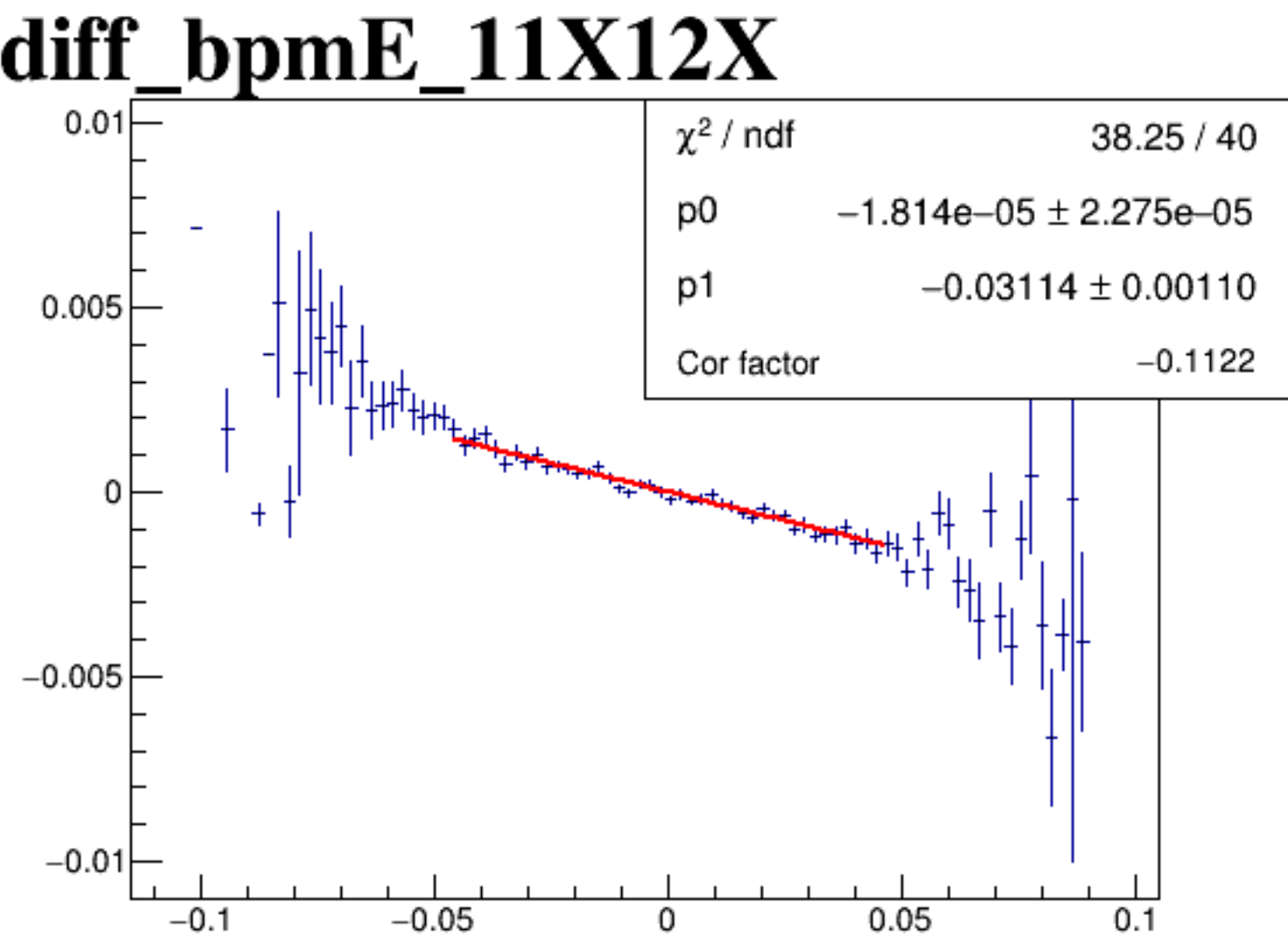
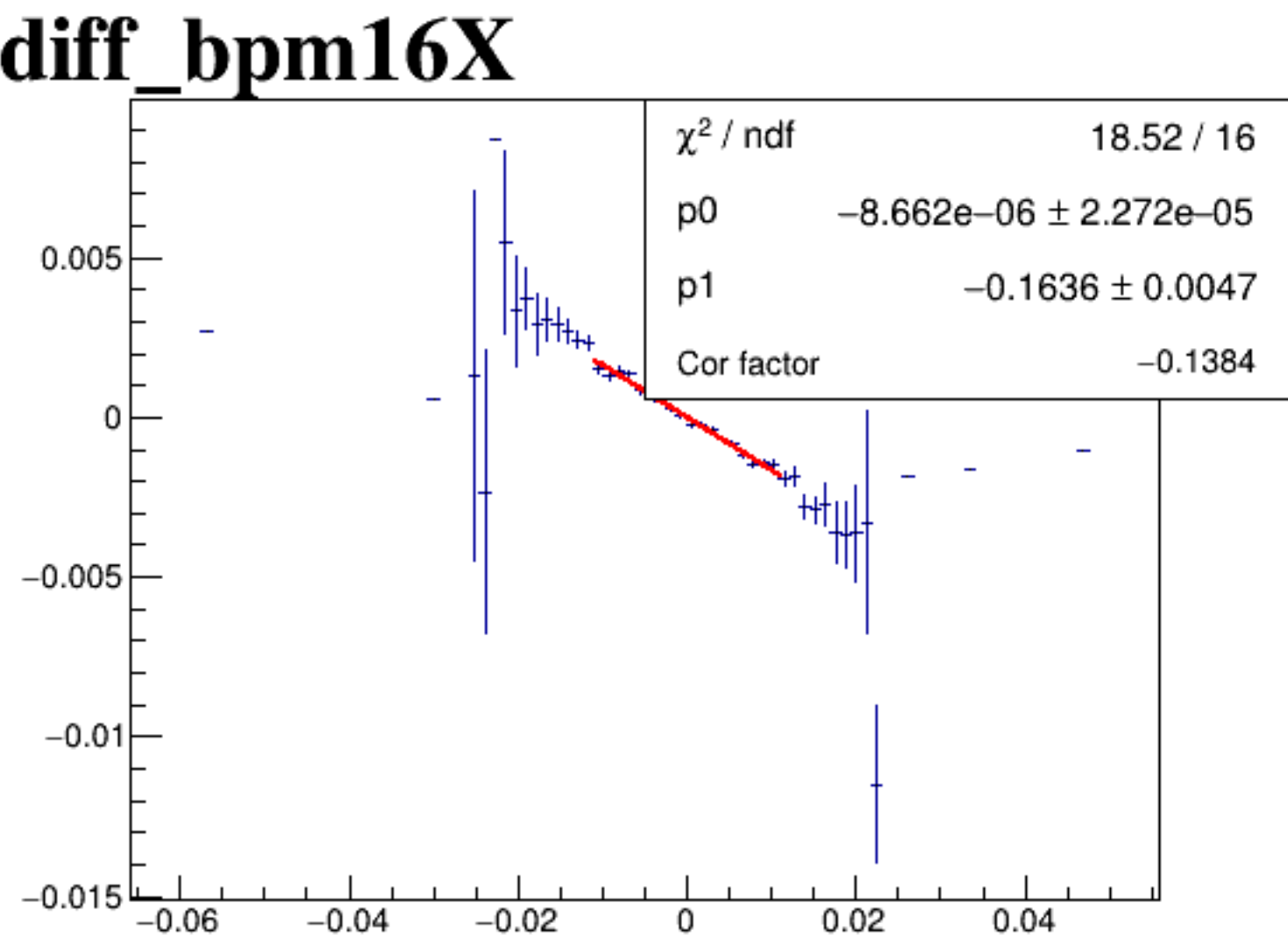
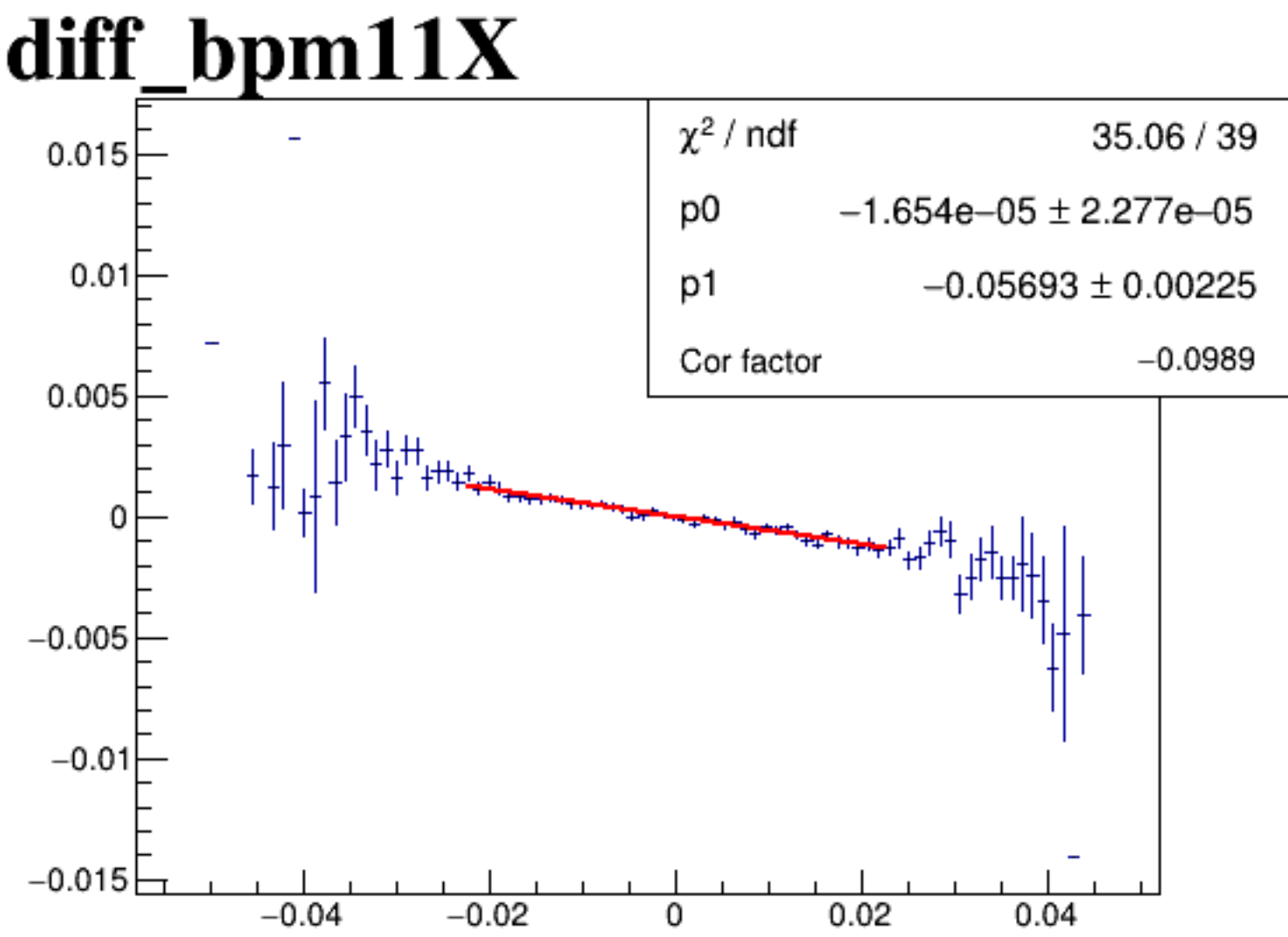
diff_bpm12X



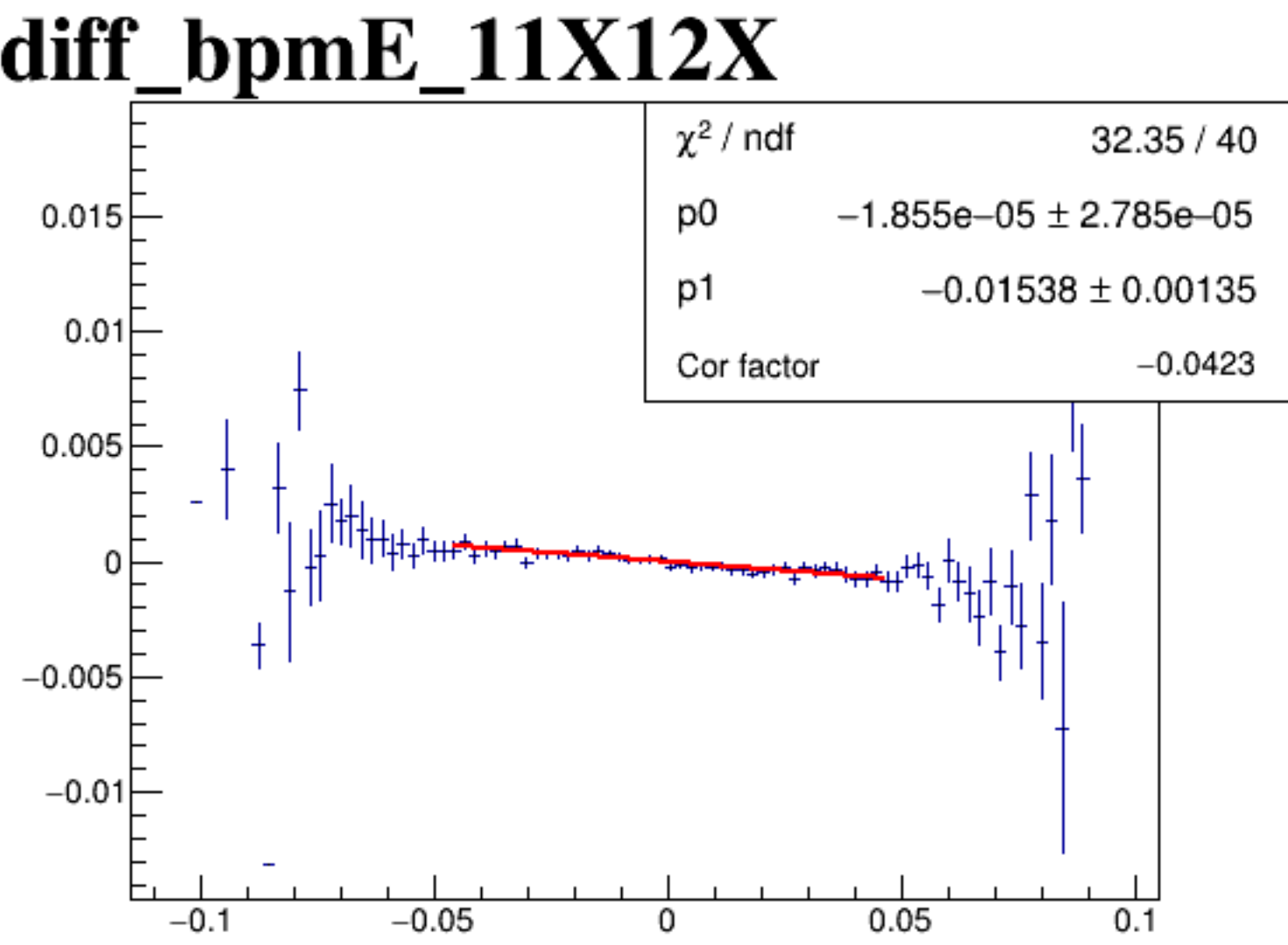
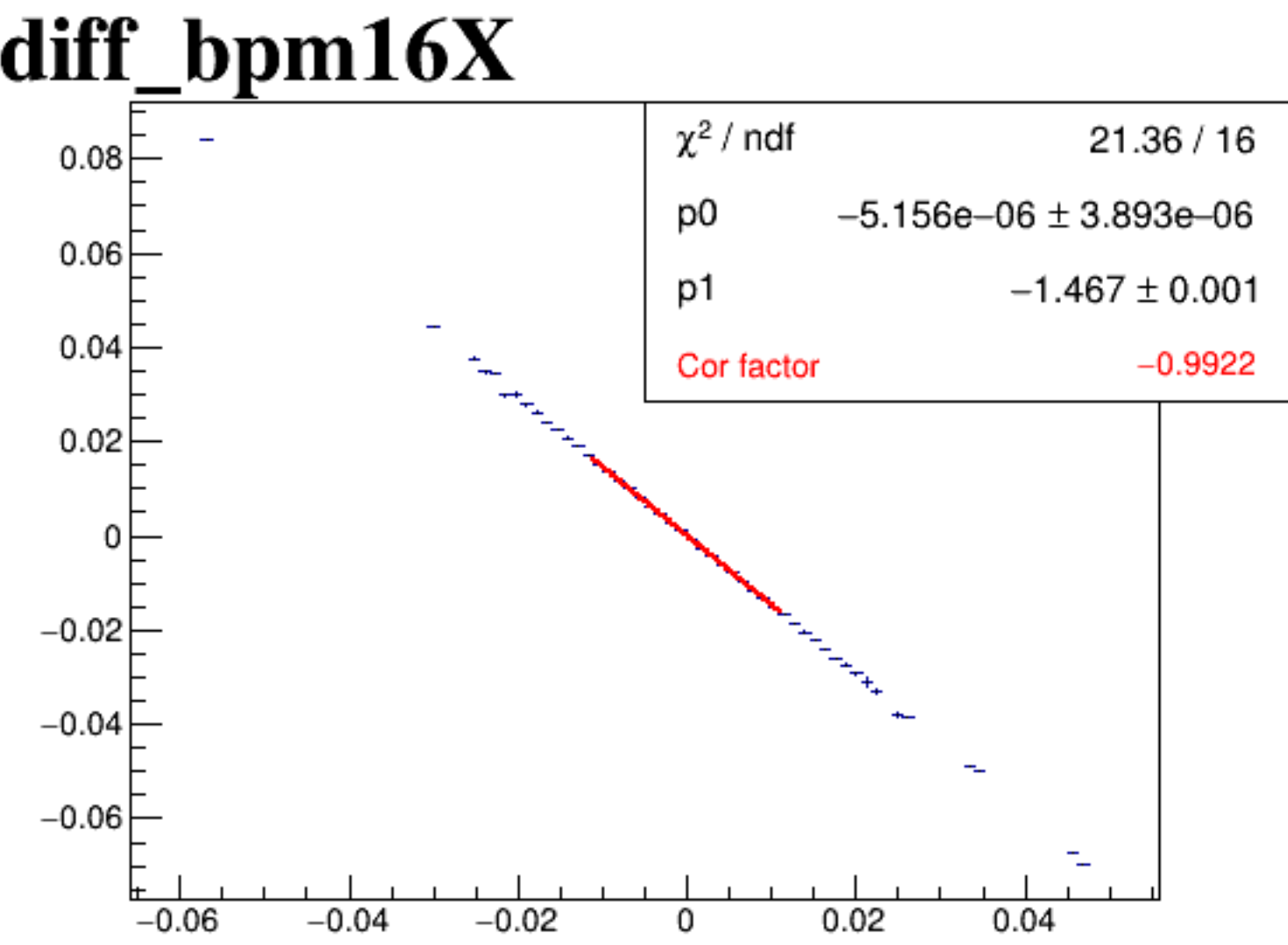
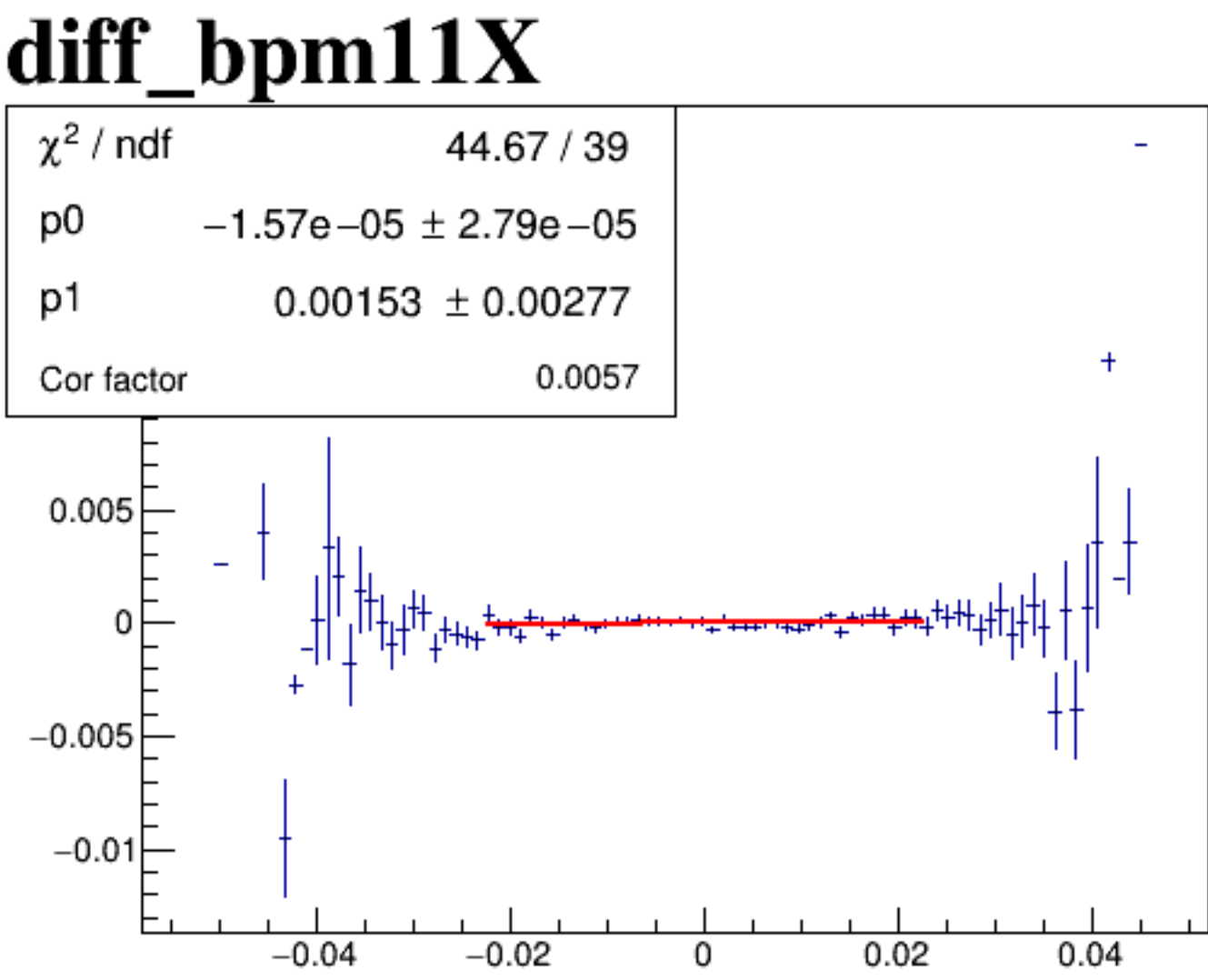
diff_bpm4aX



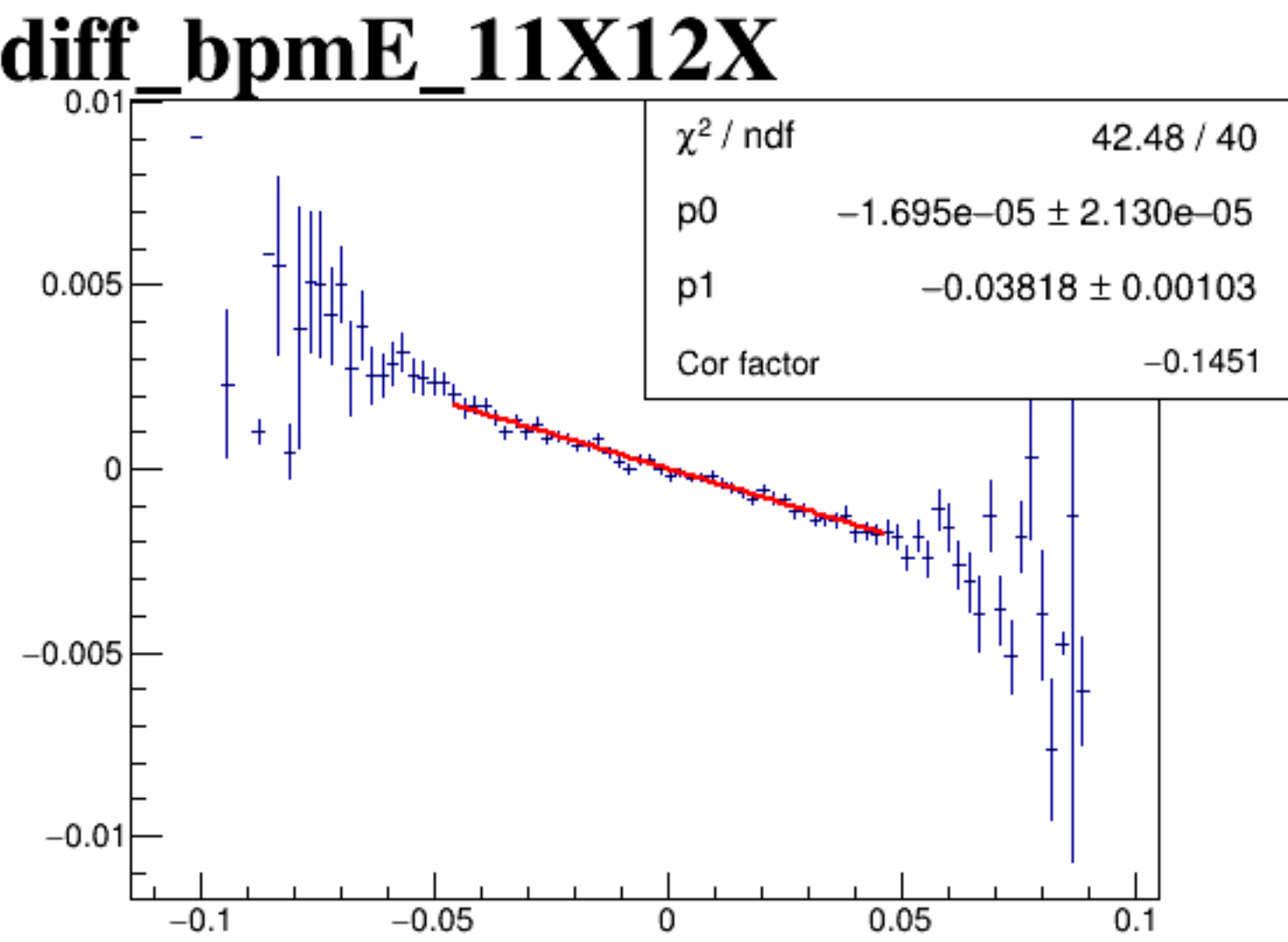
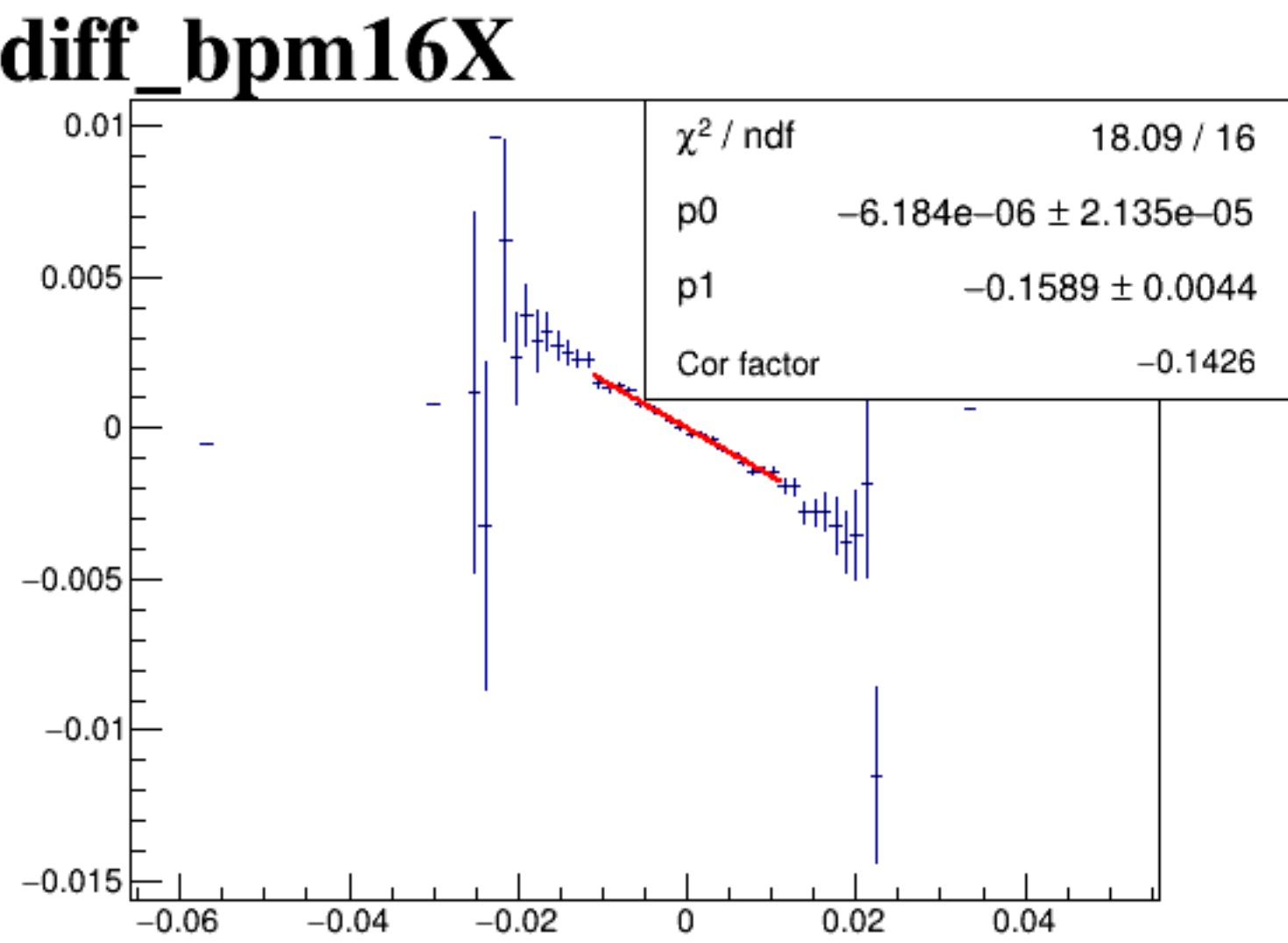
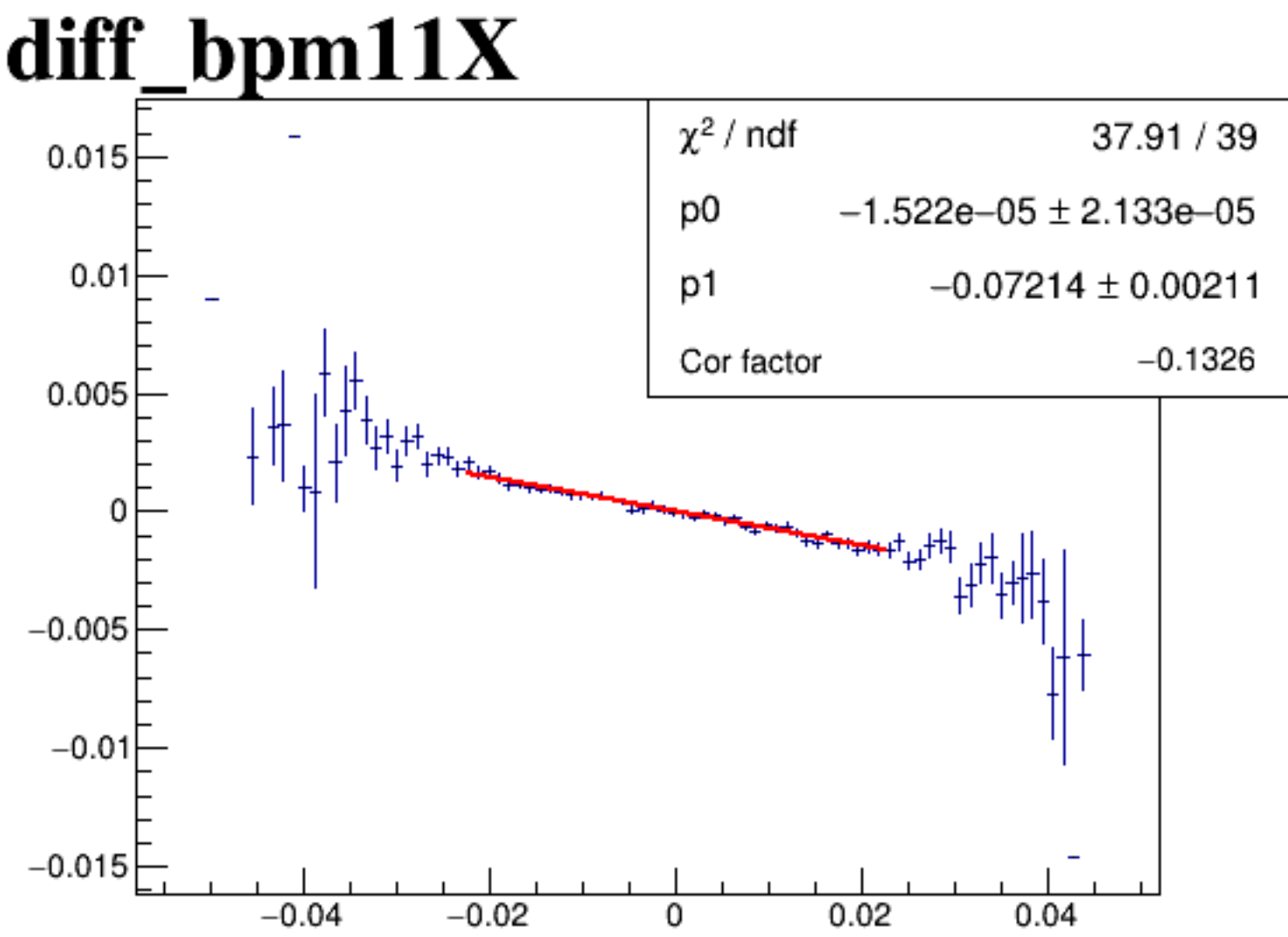
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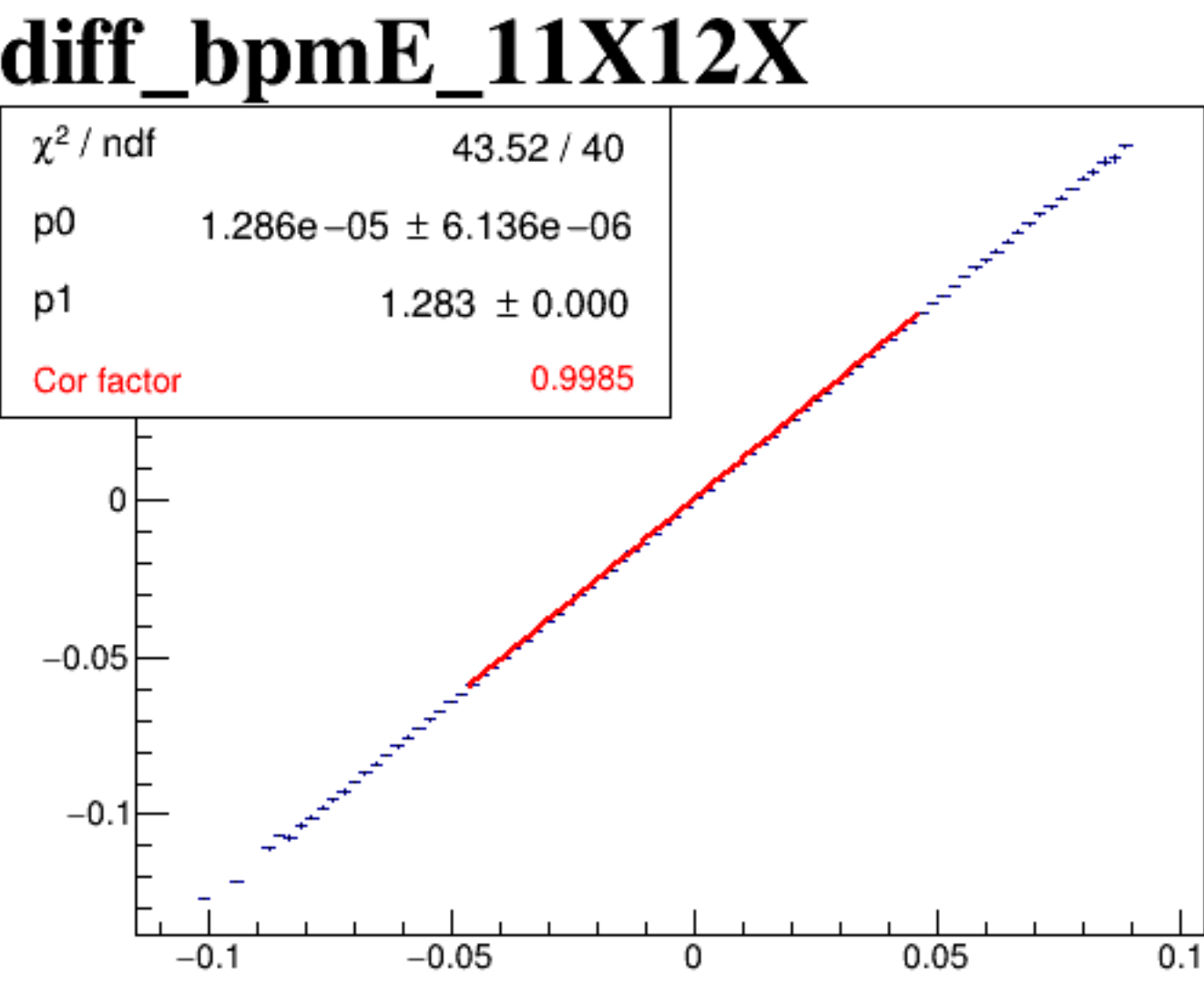
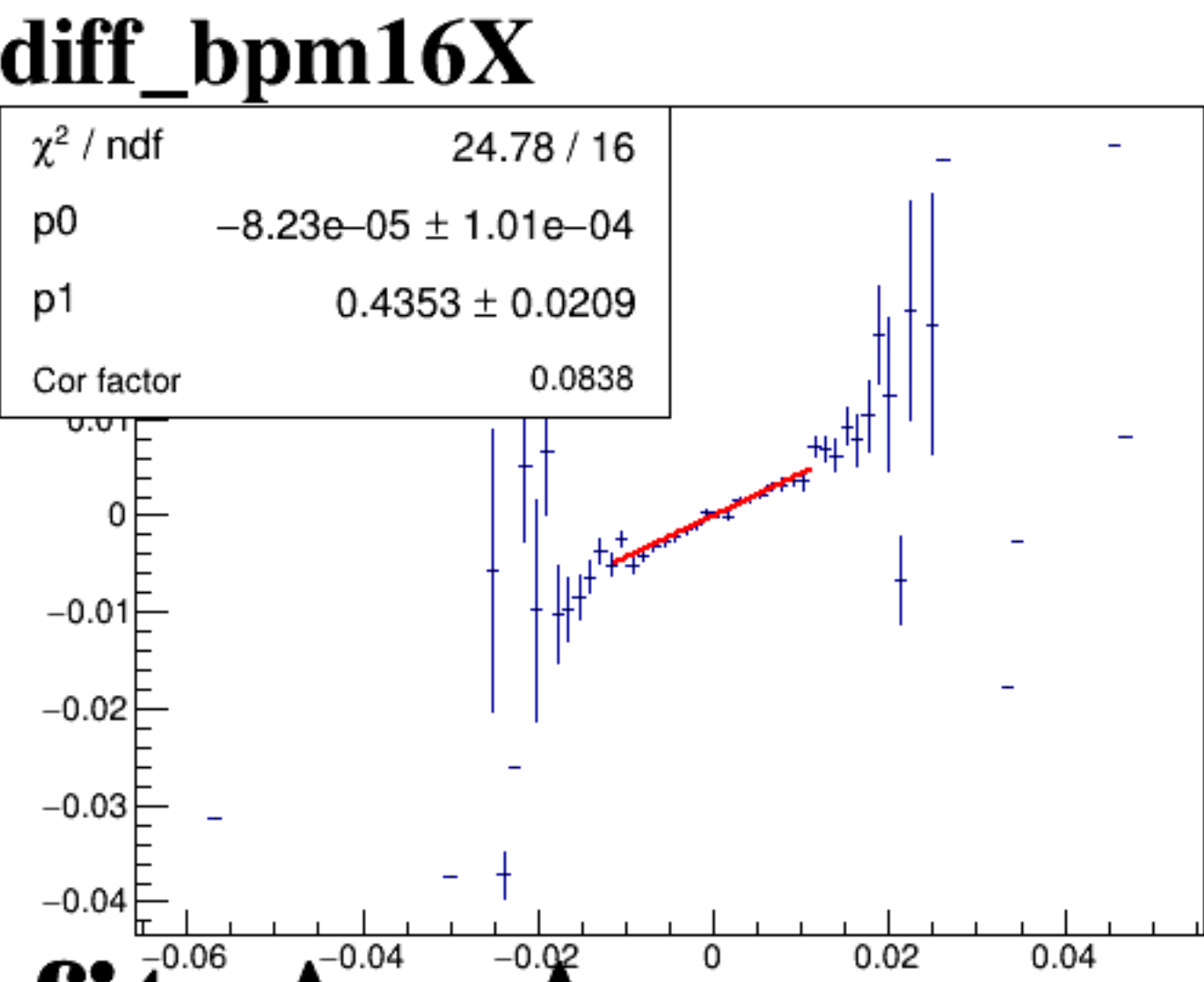
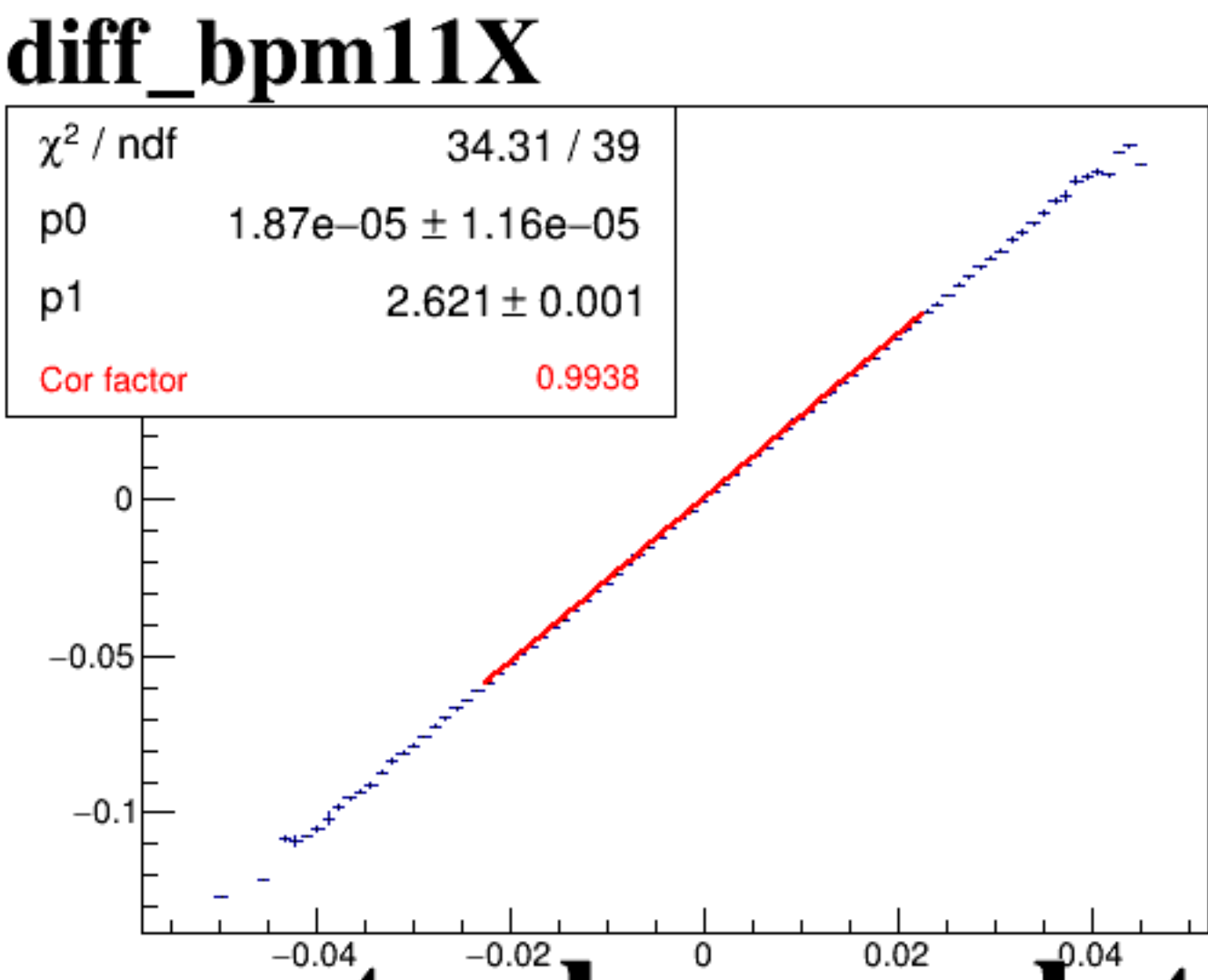
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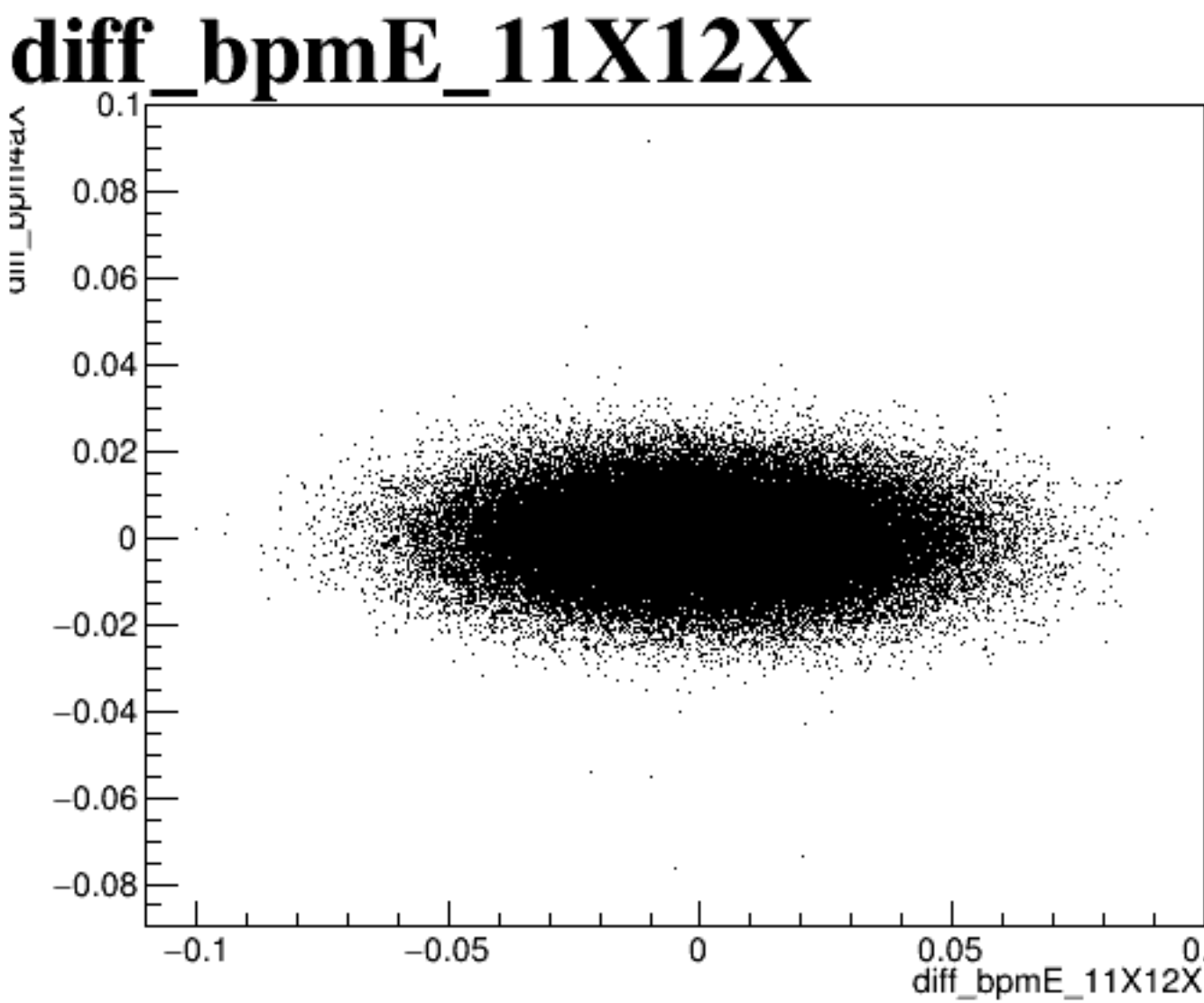
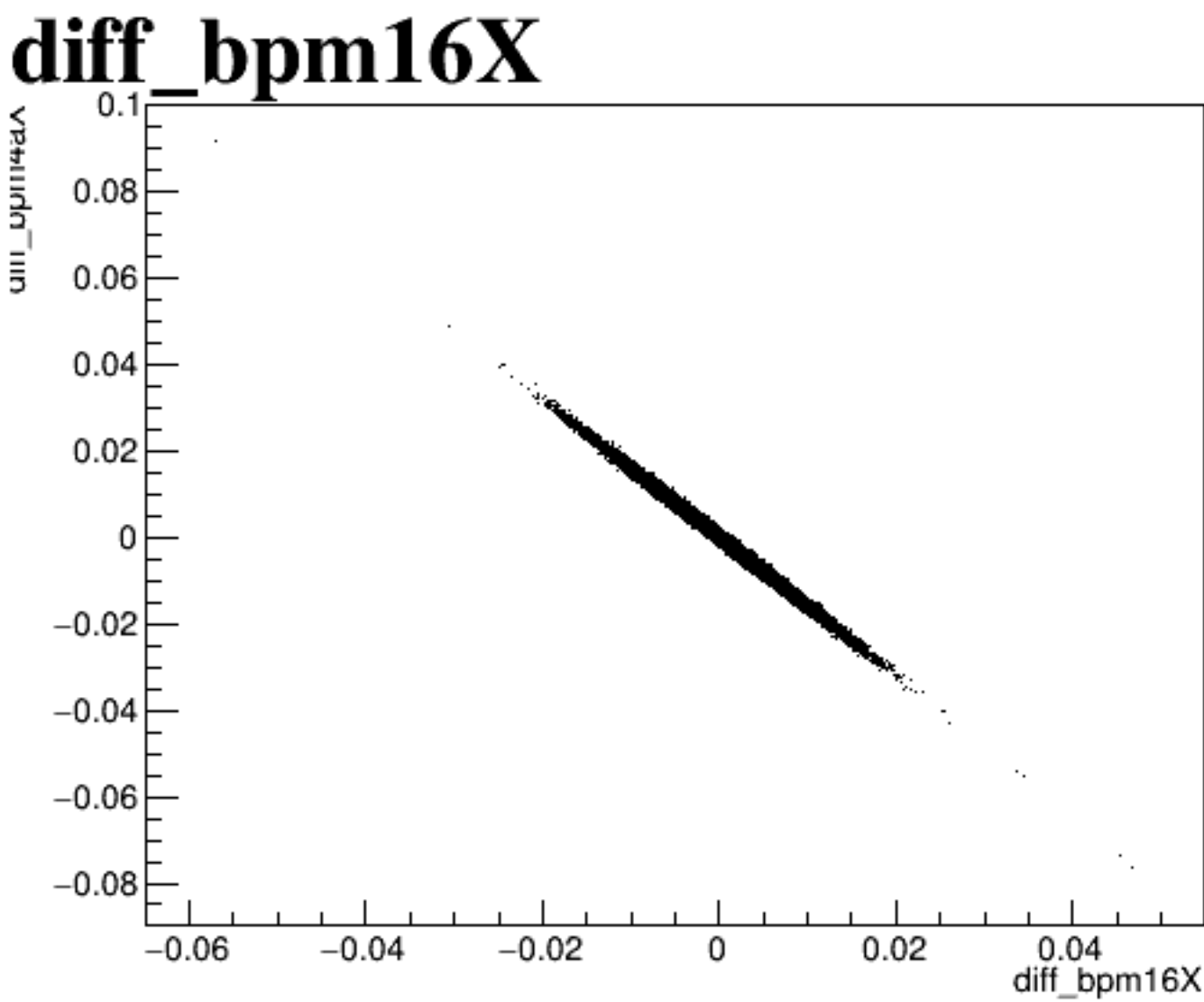
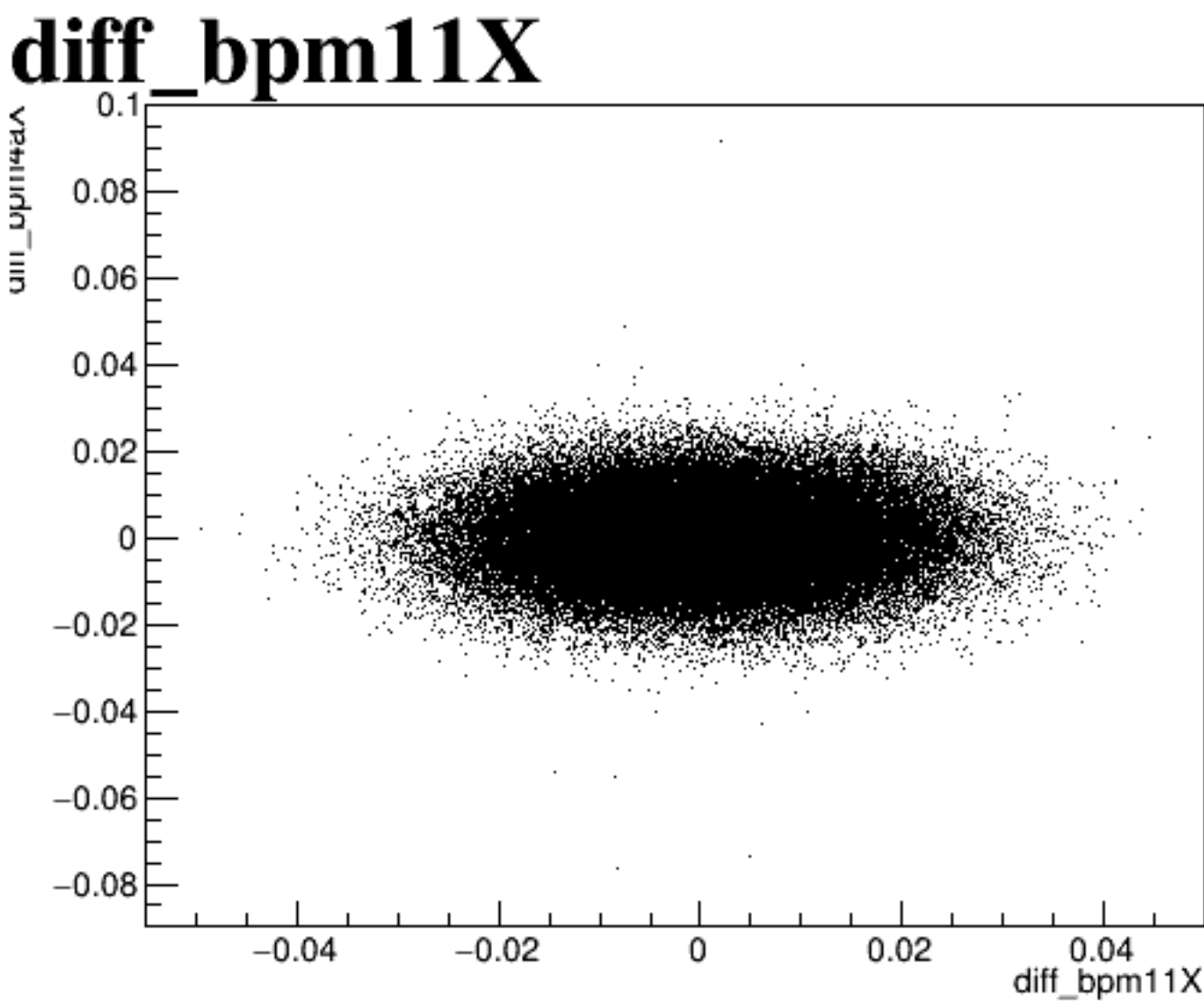
diff_bpm4eY



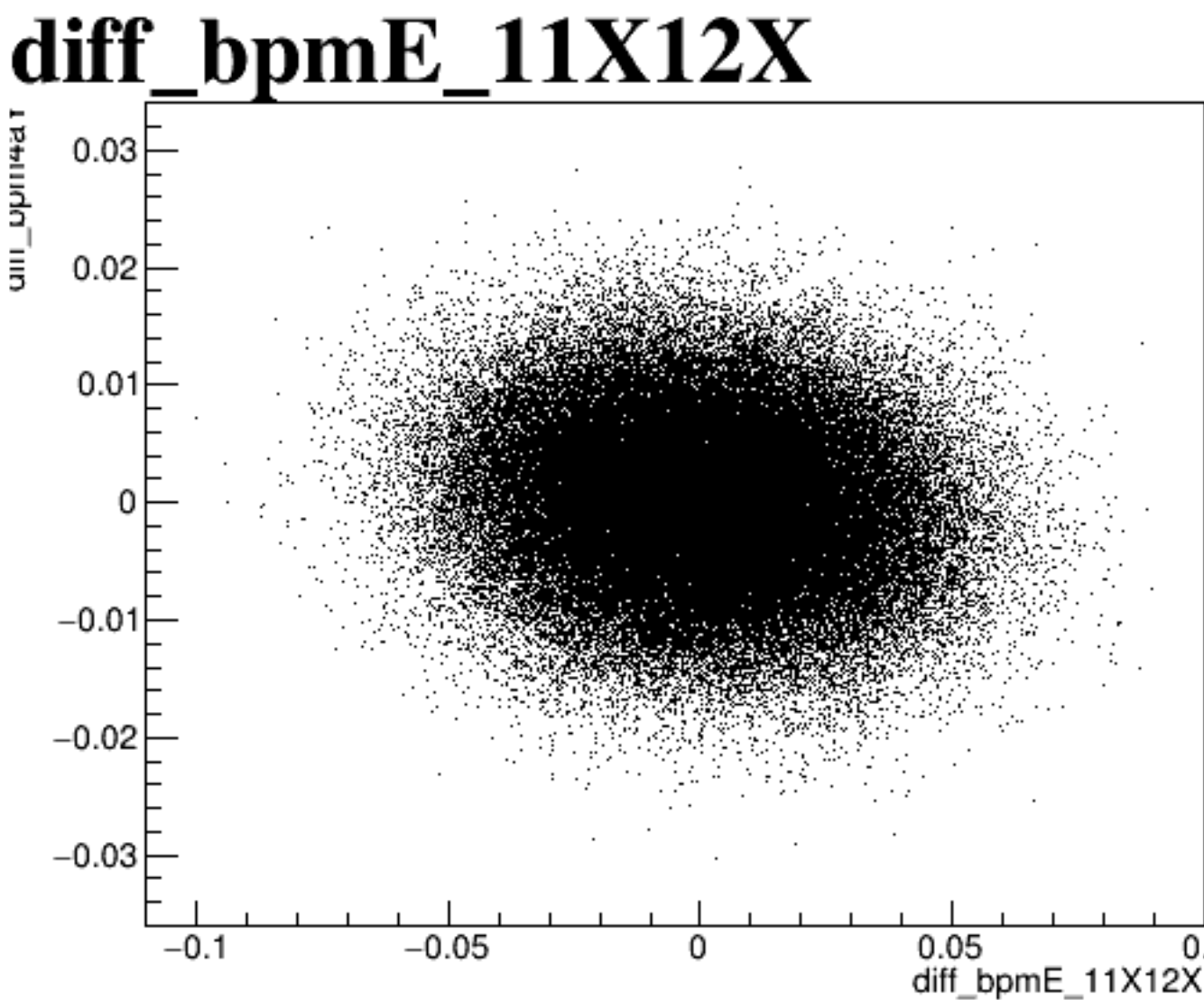
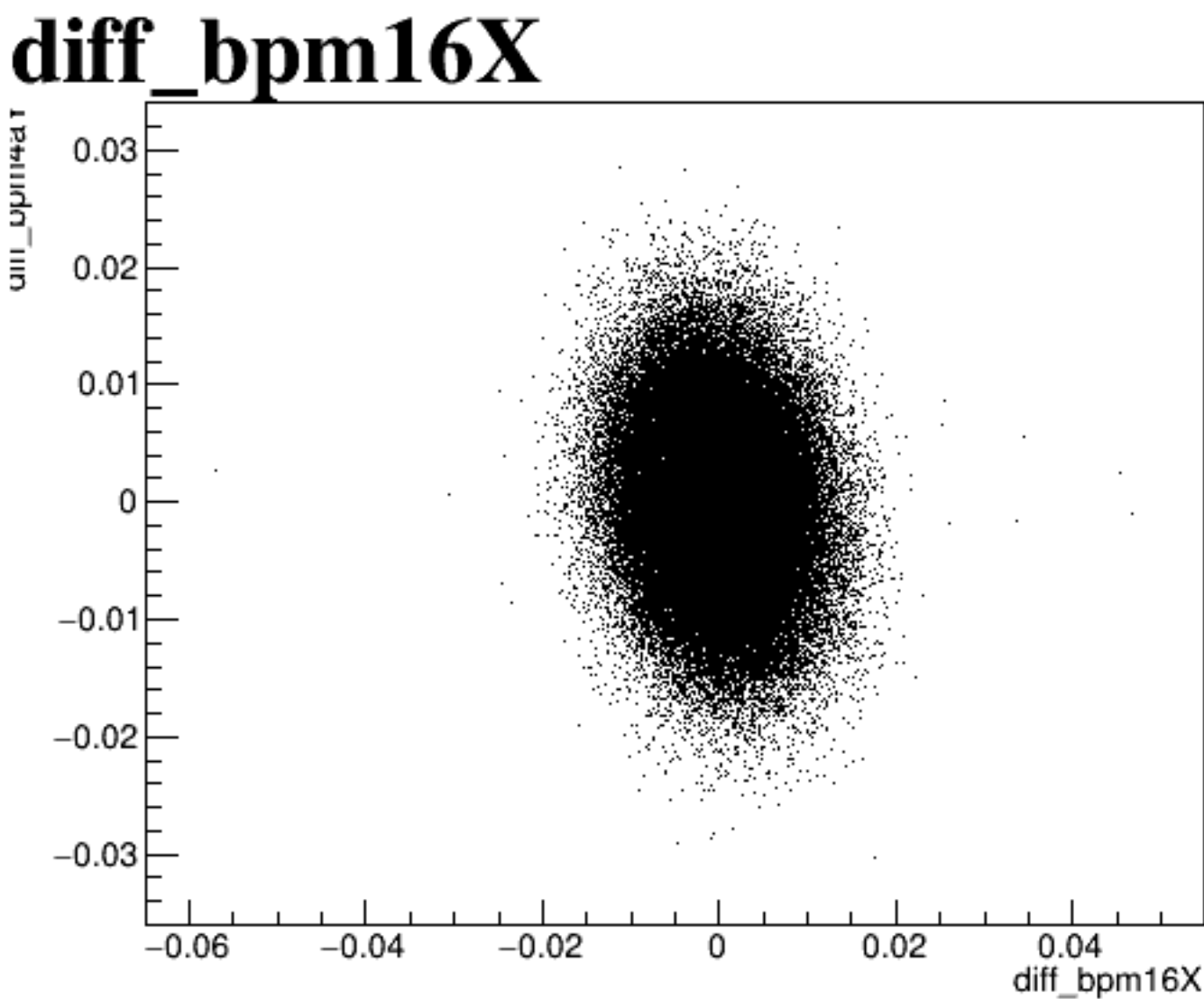
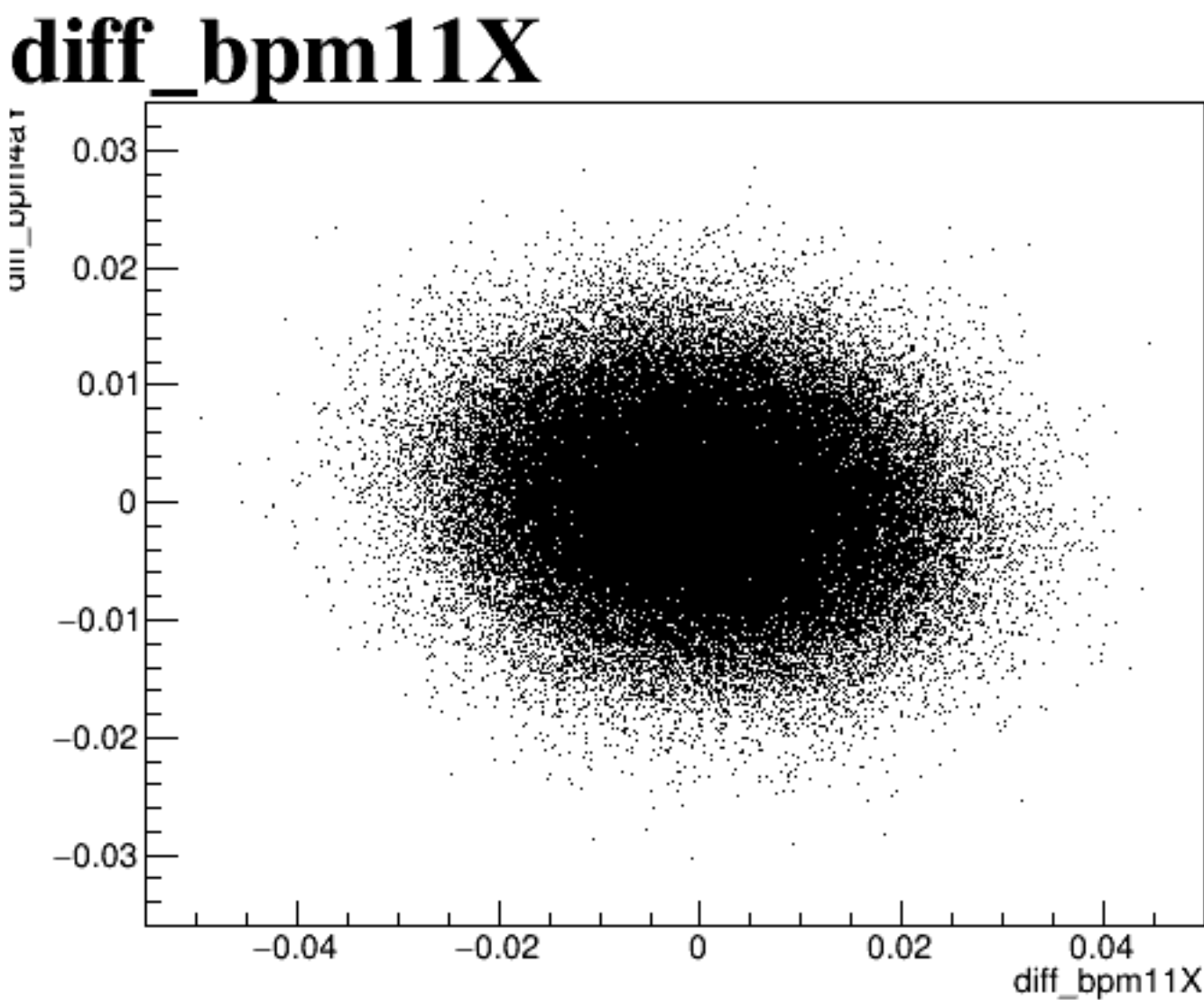
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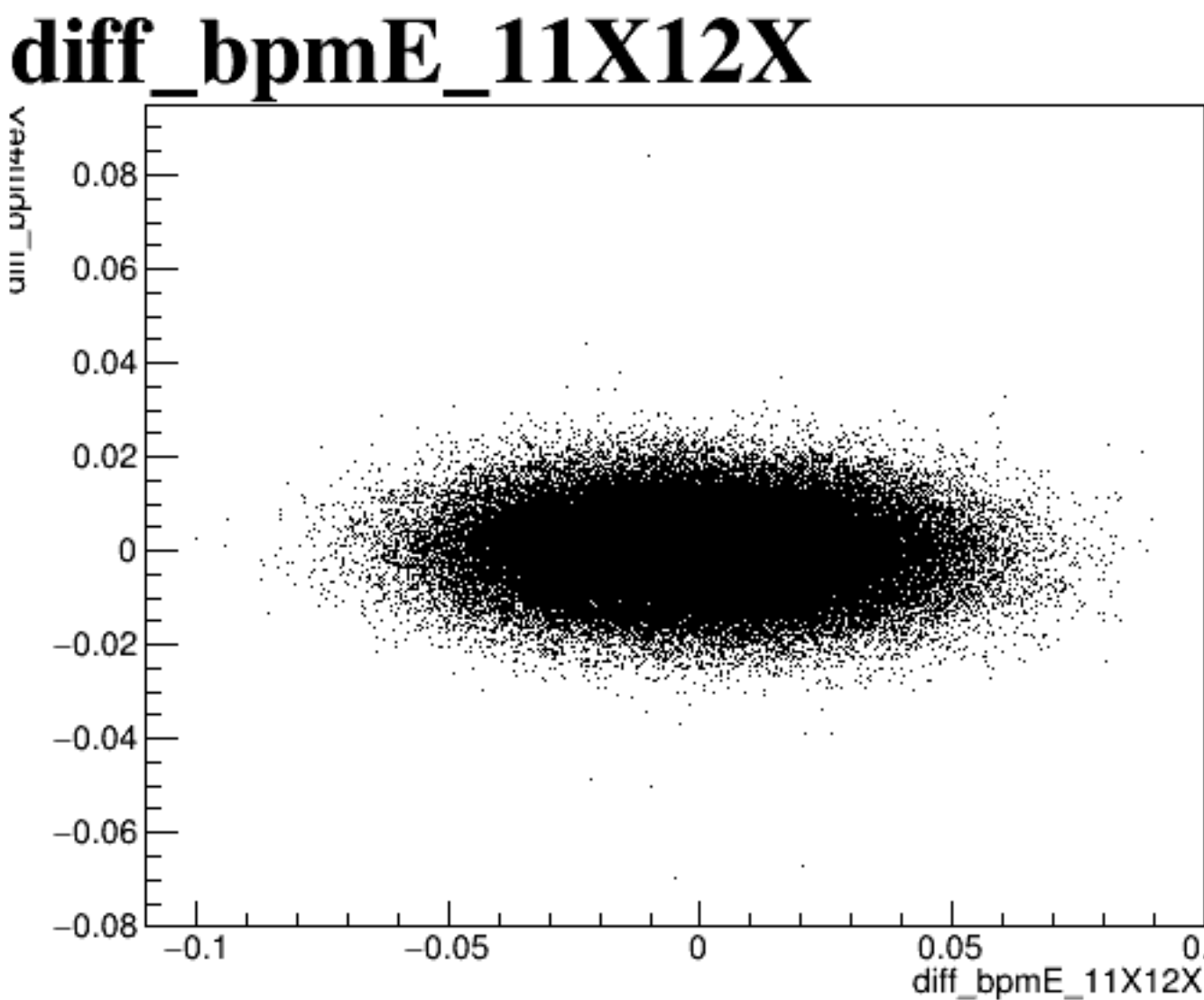
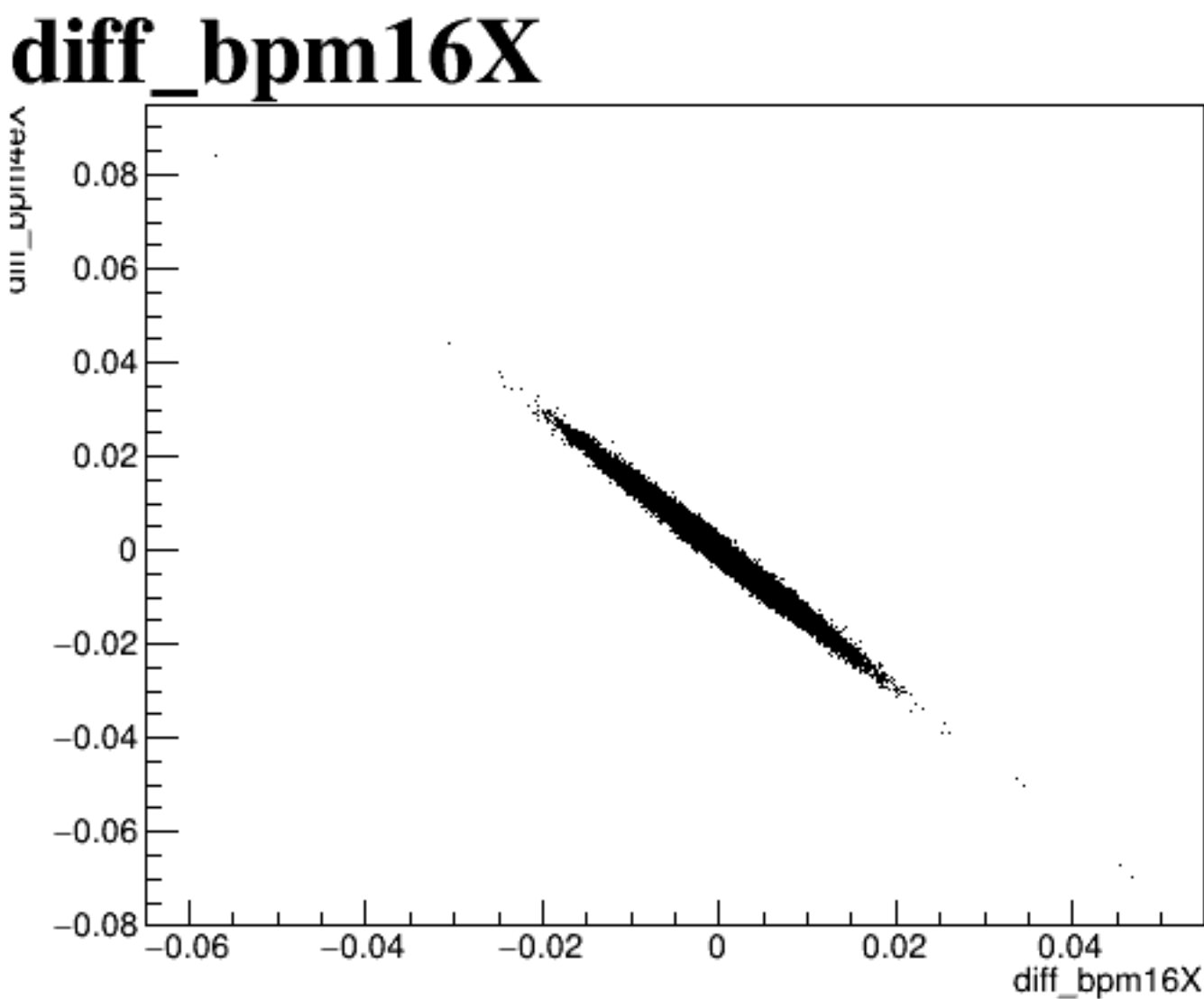
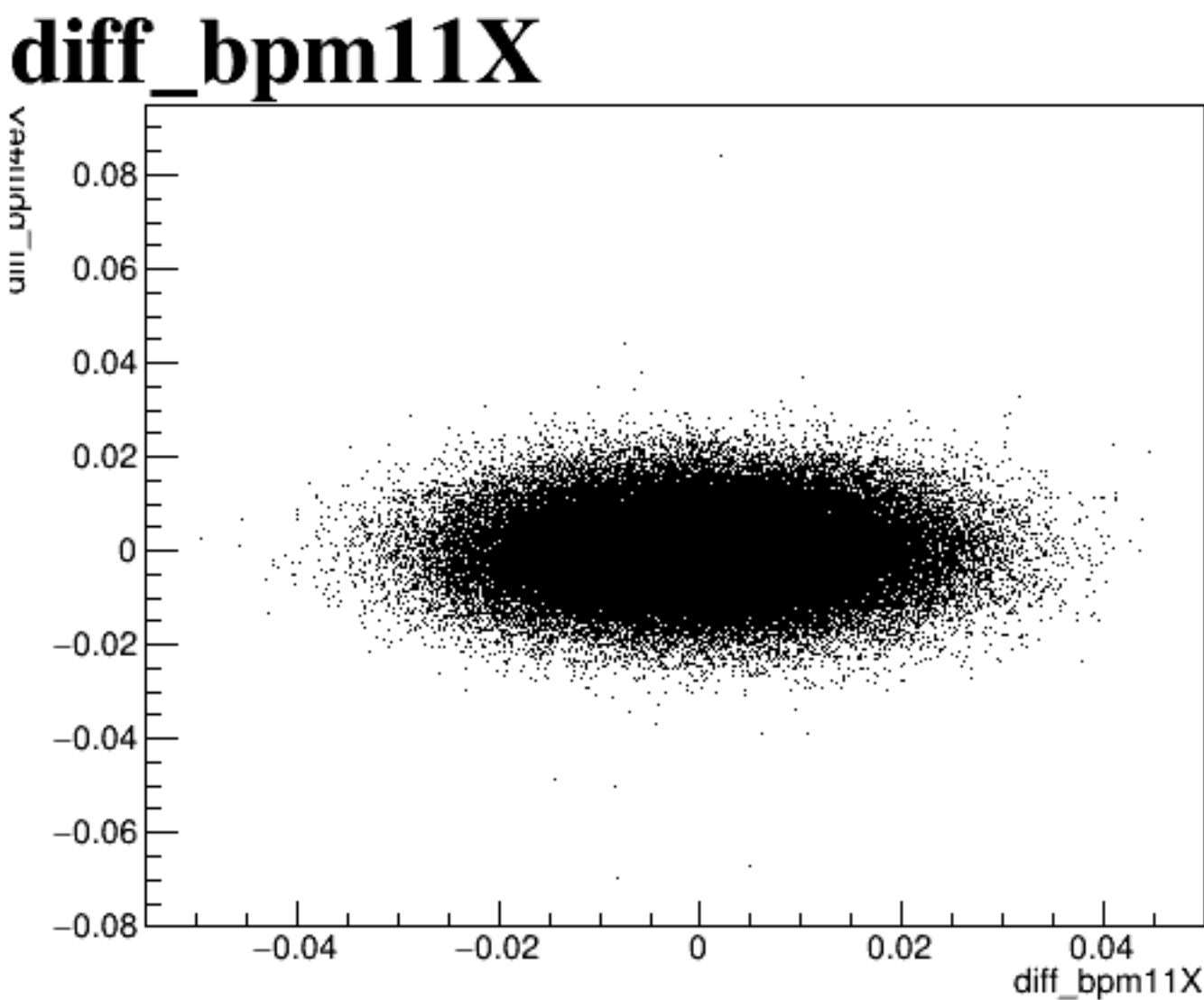
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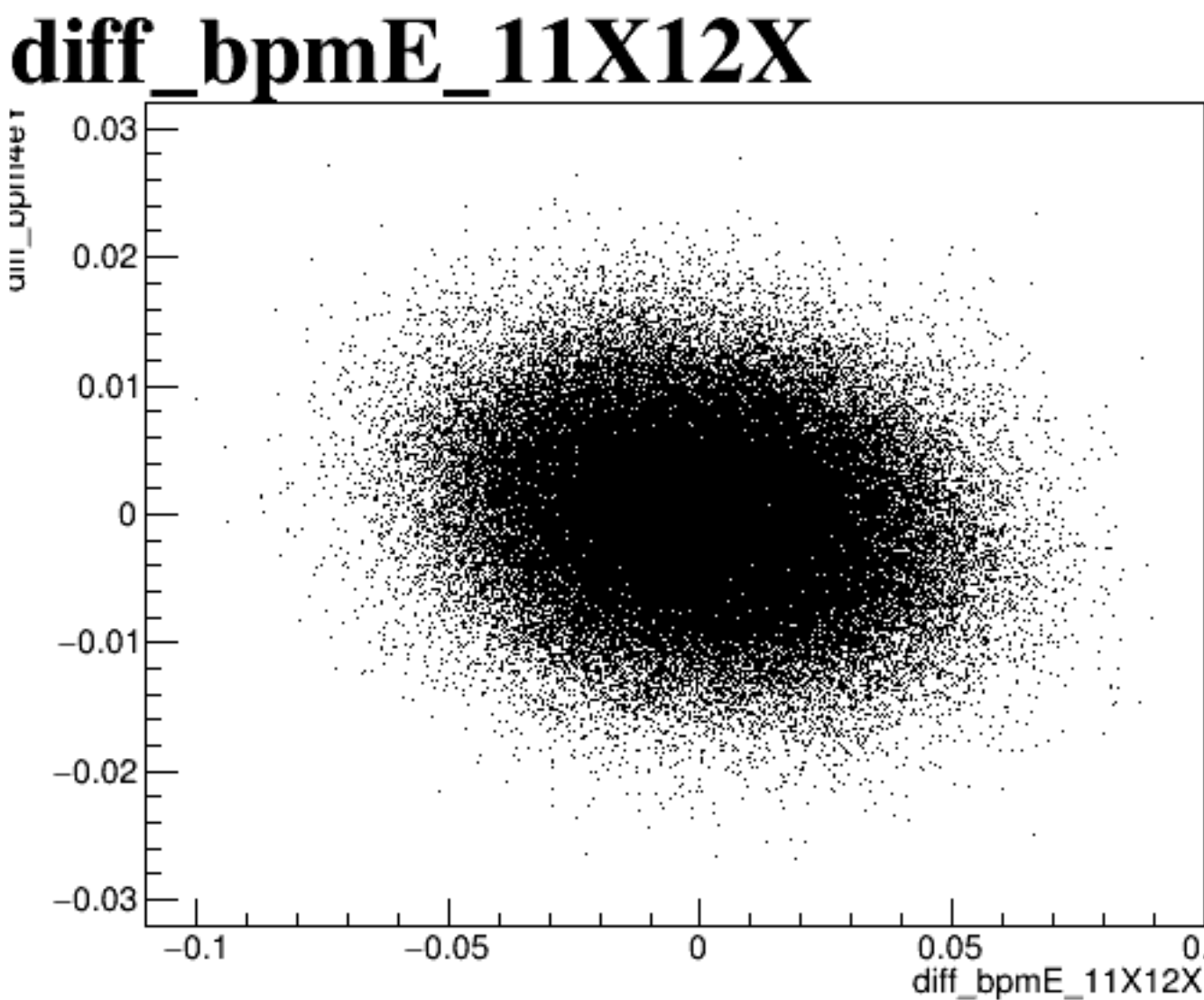
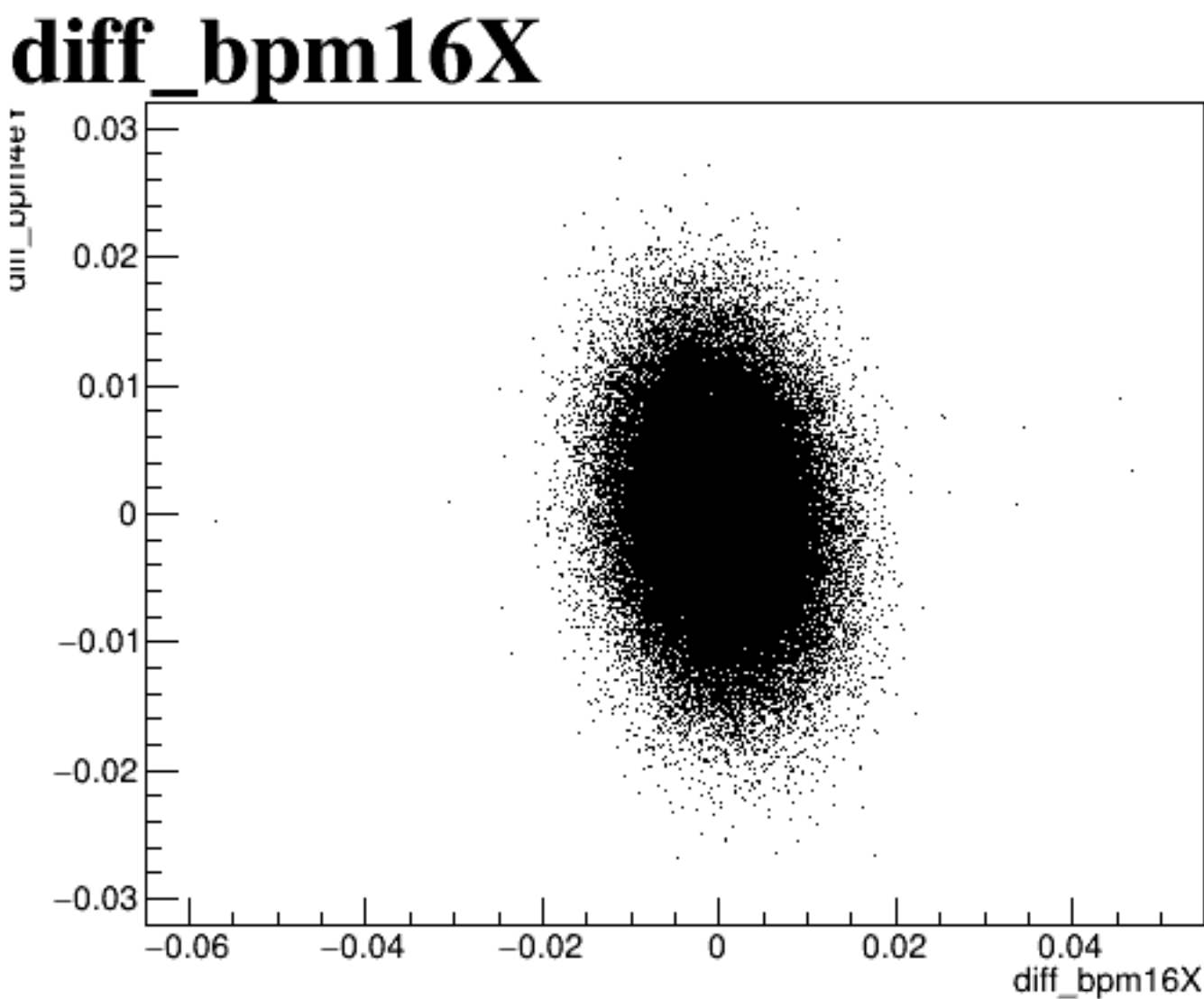
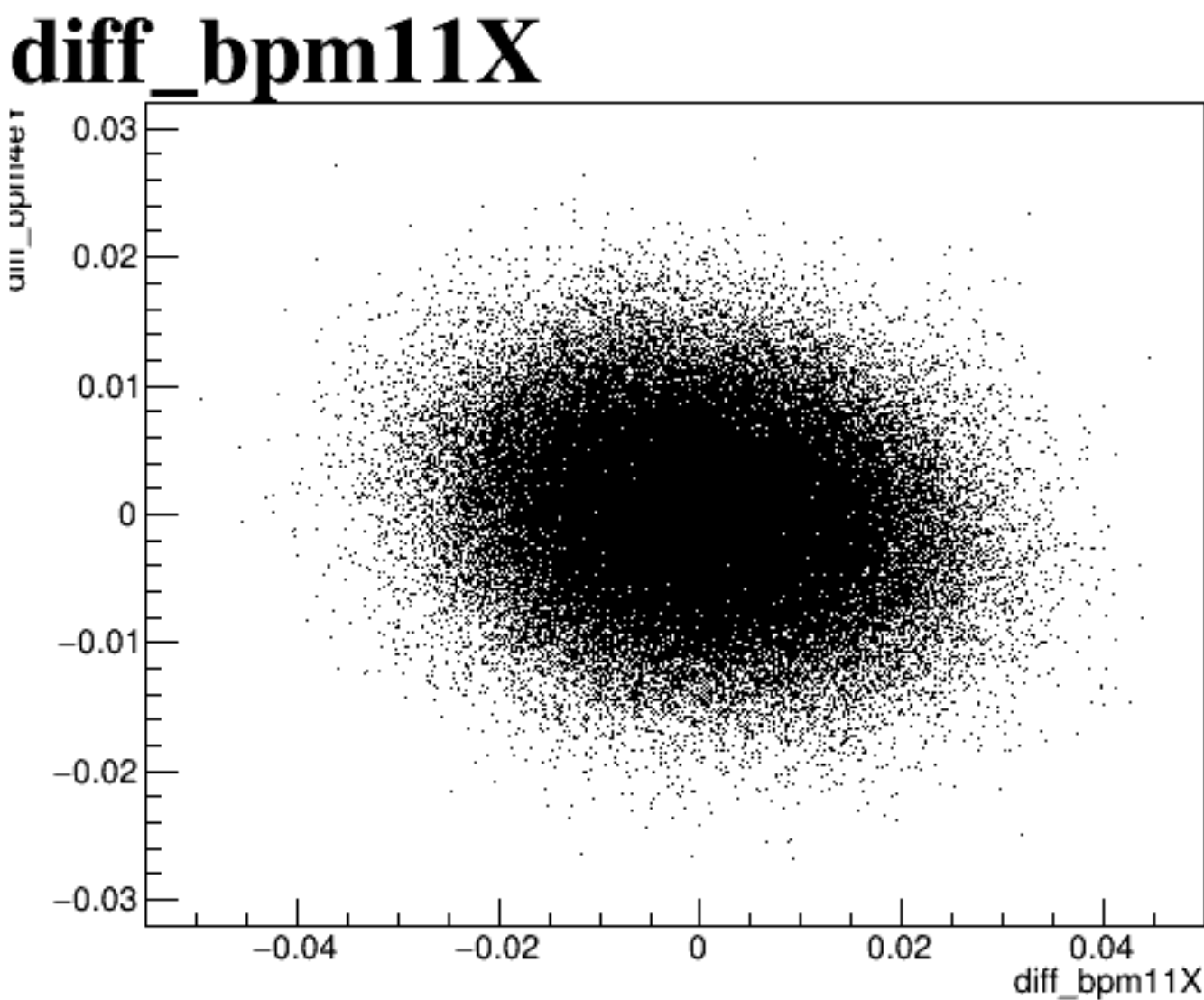
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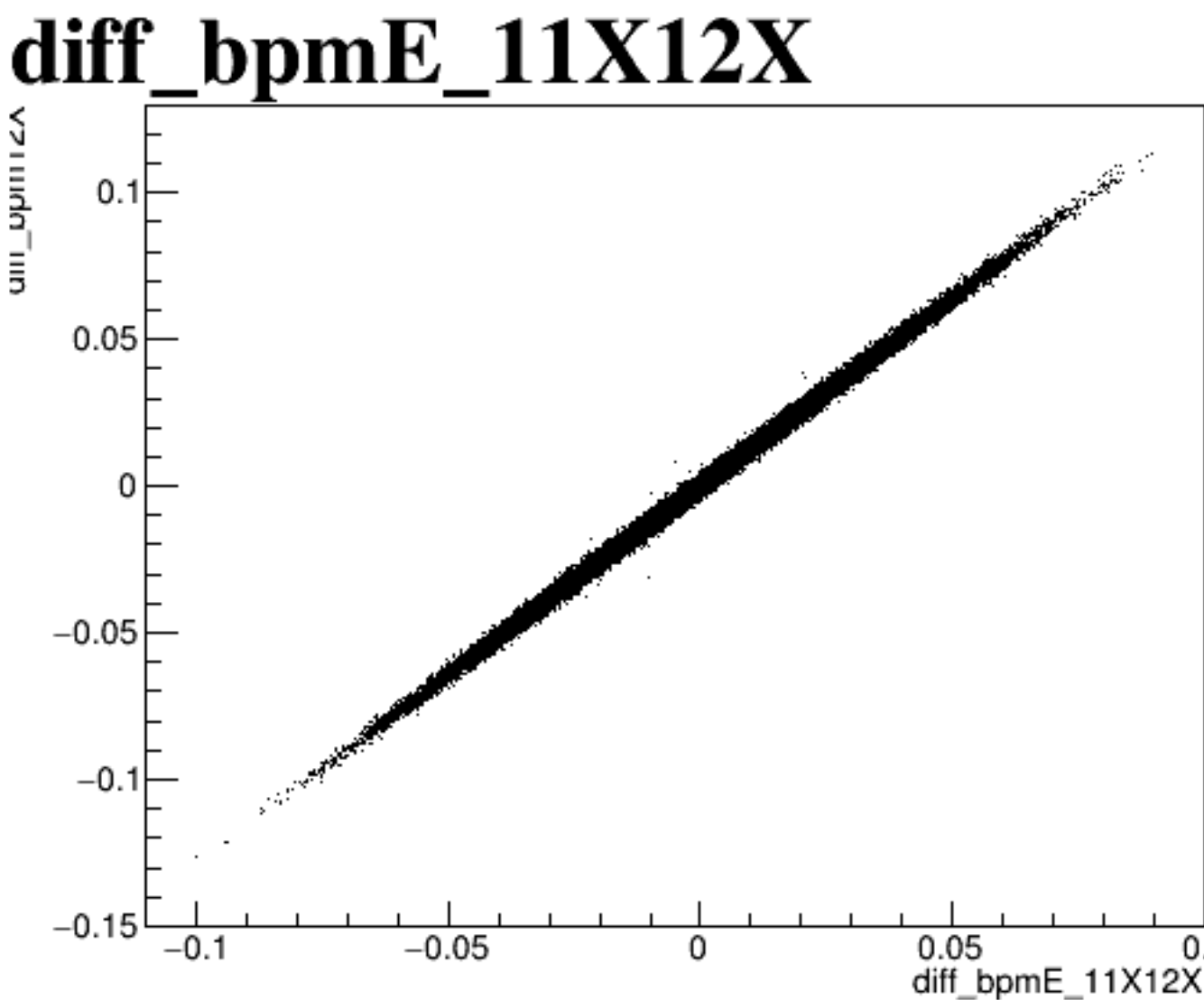
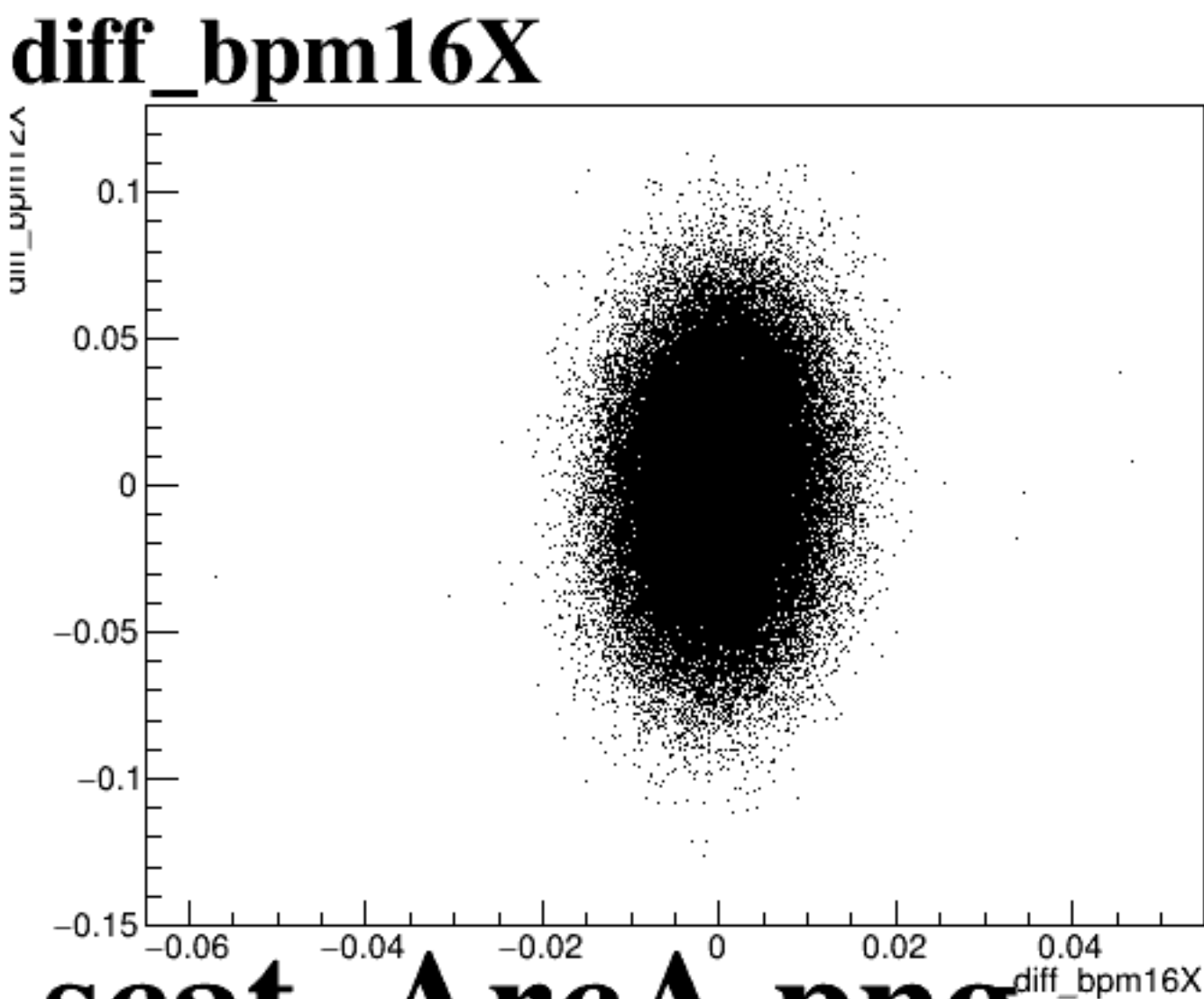
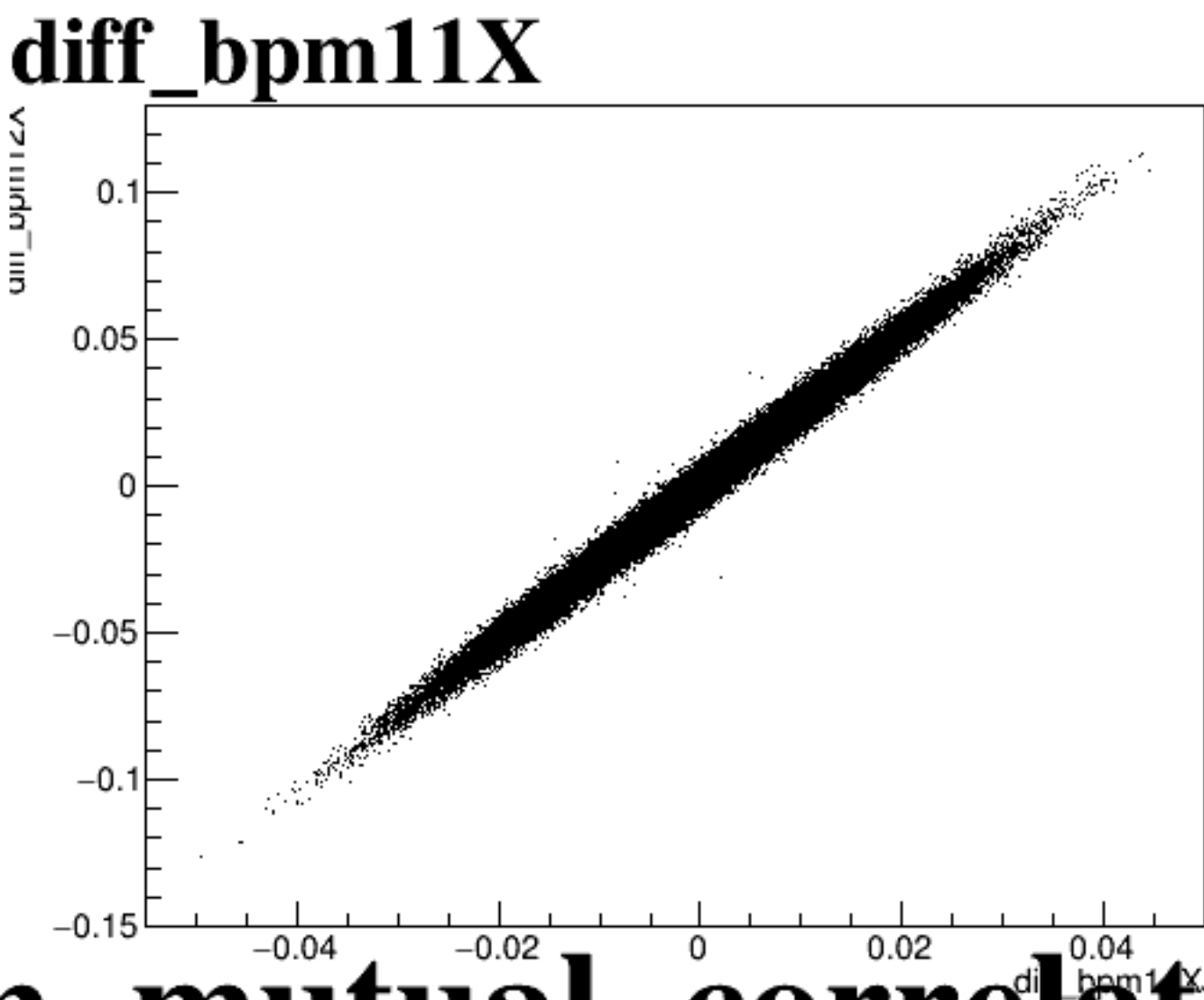
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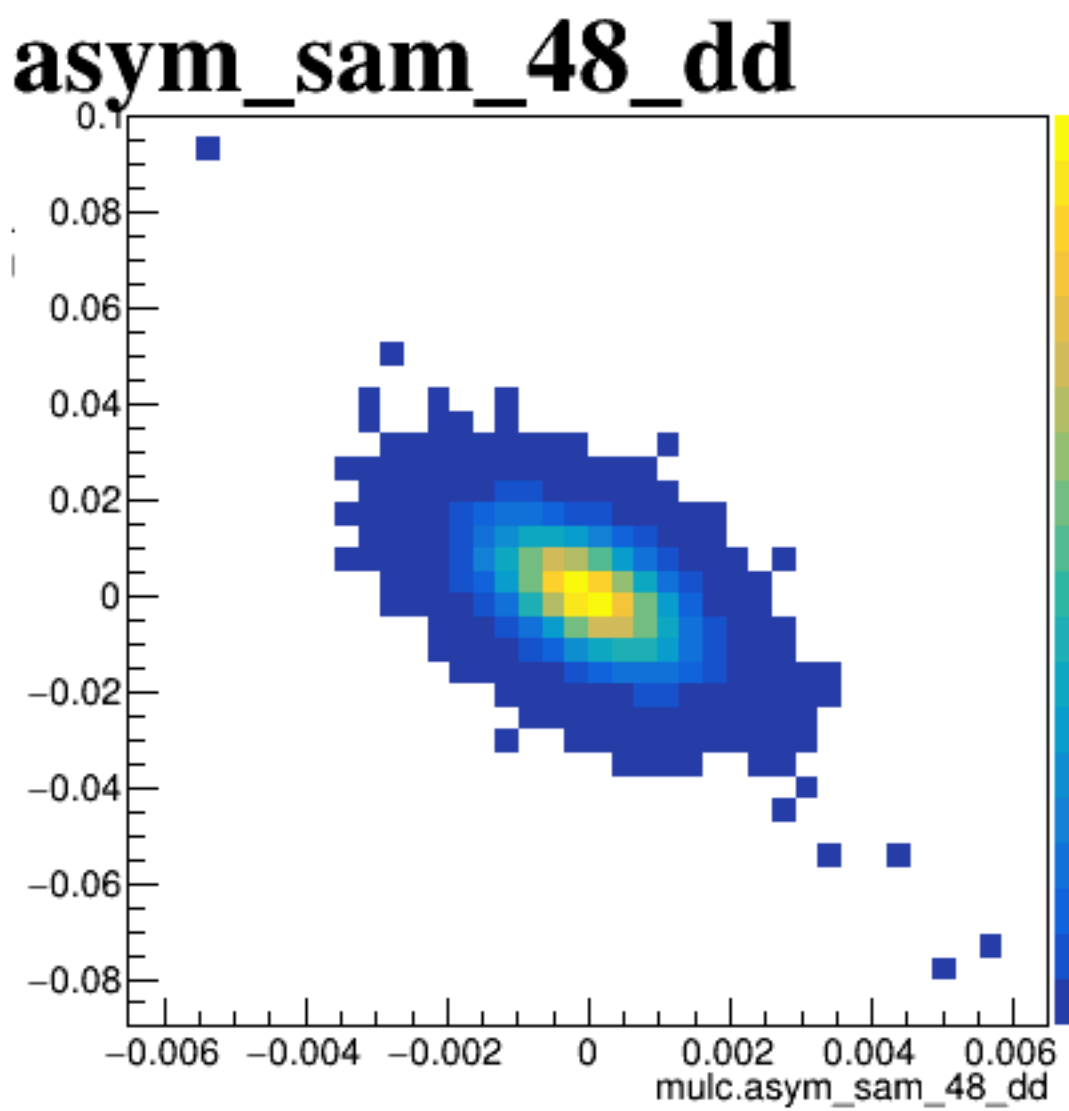
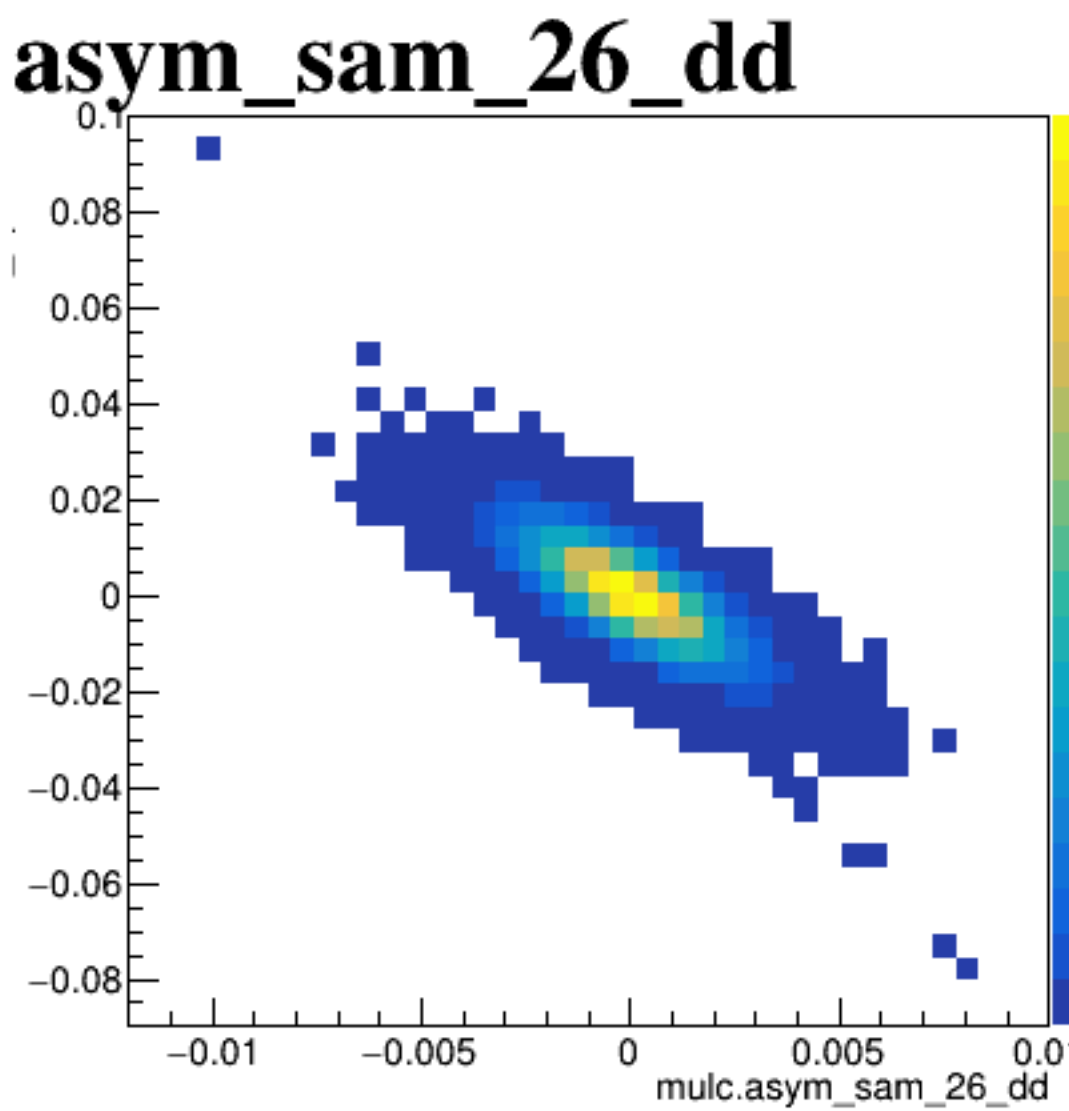
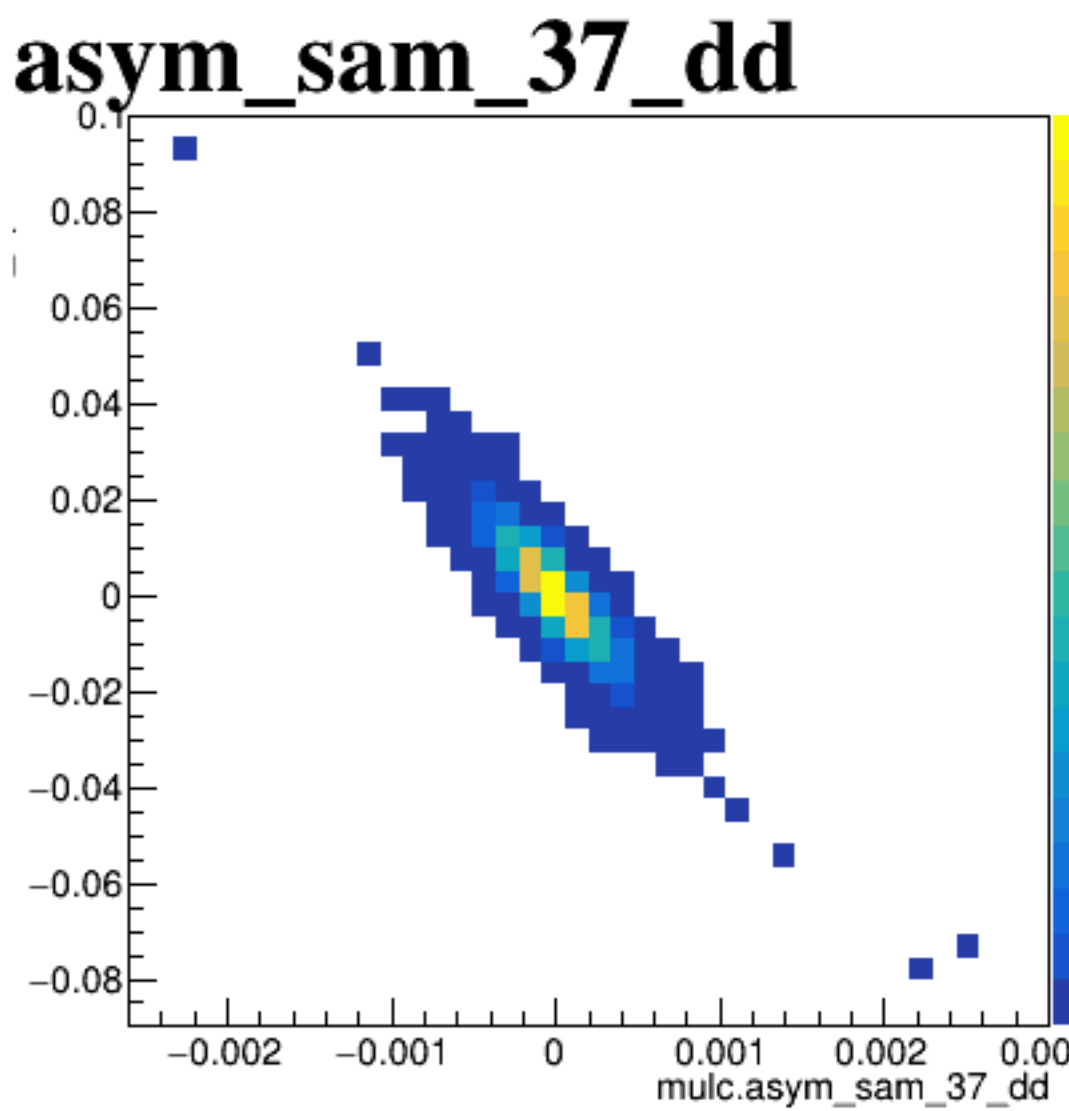
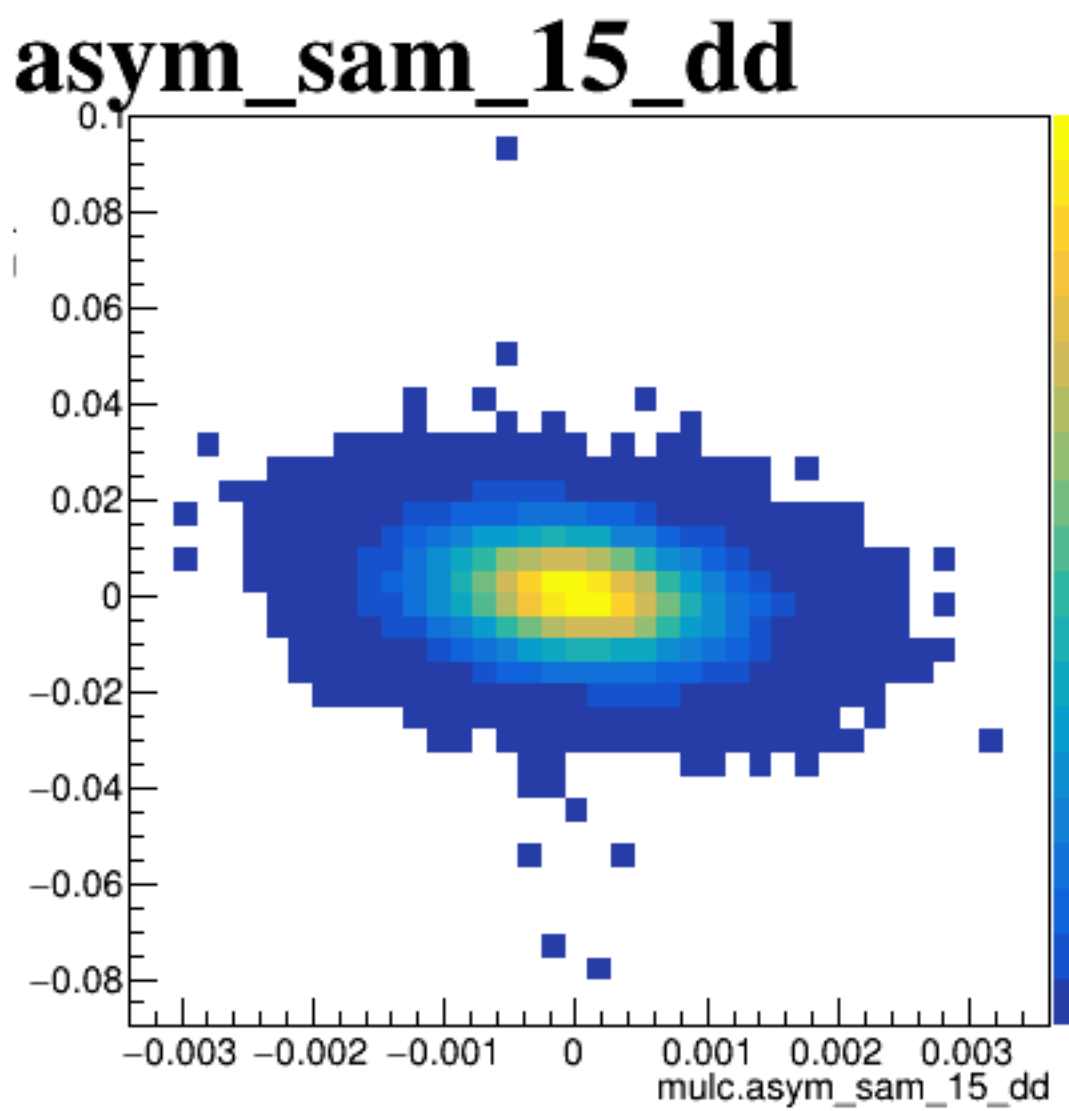
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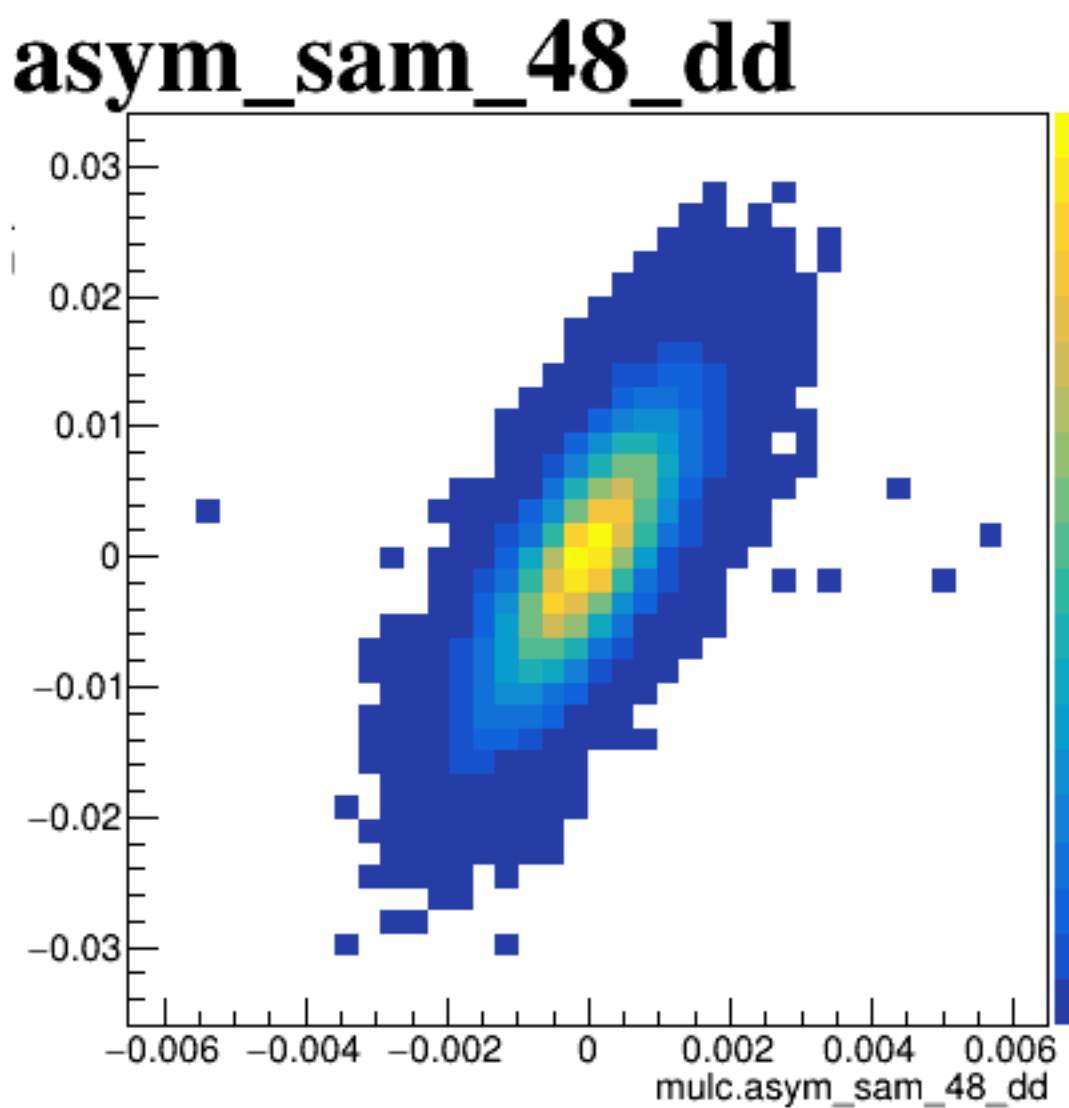
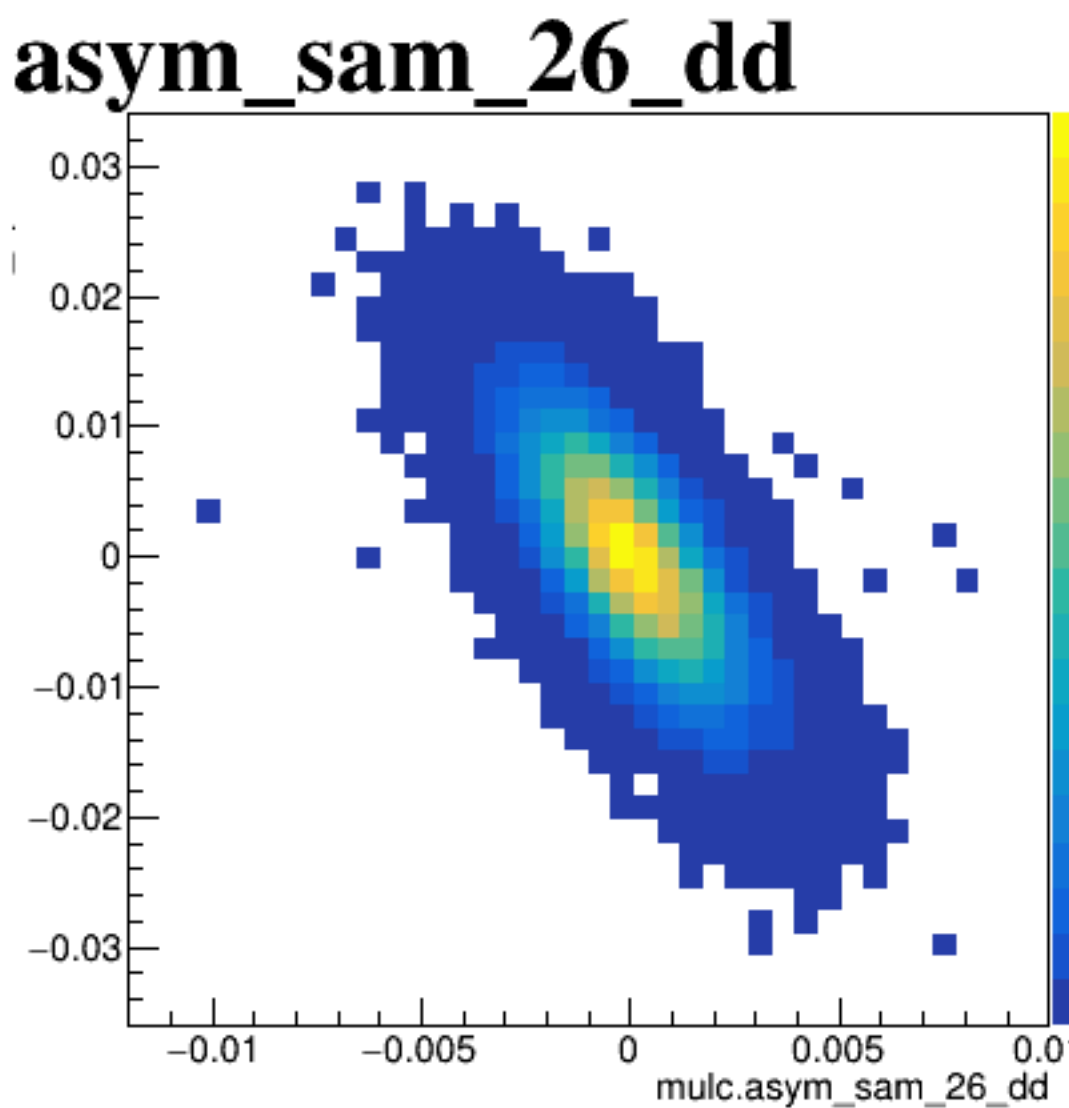
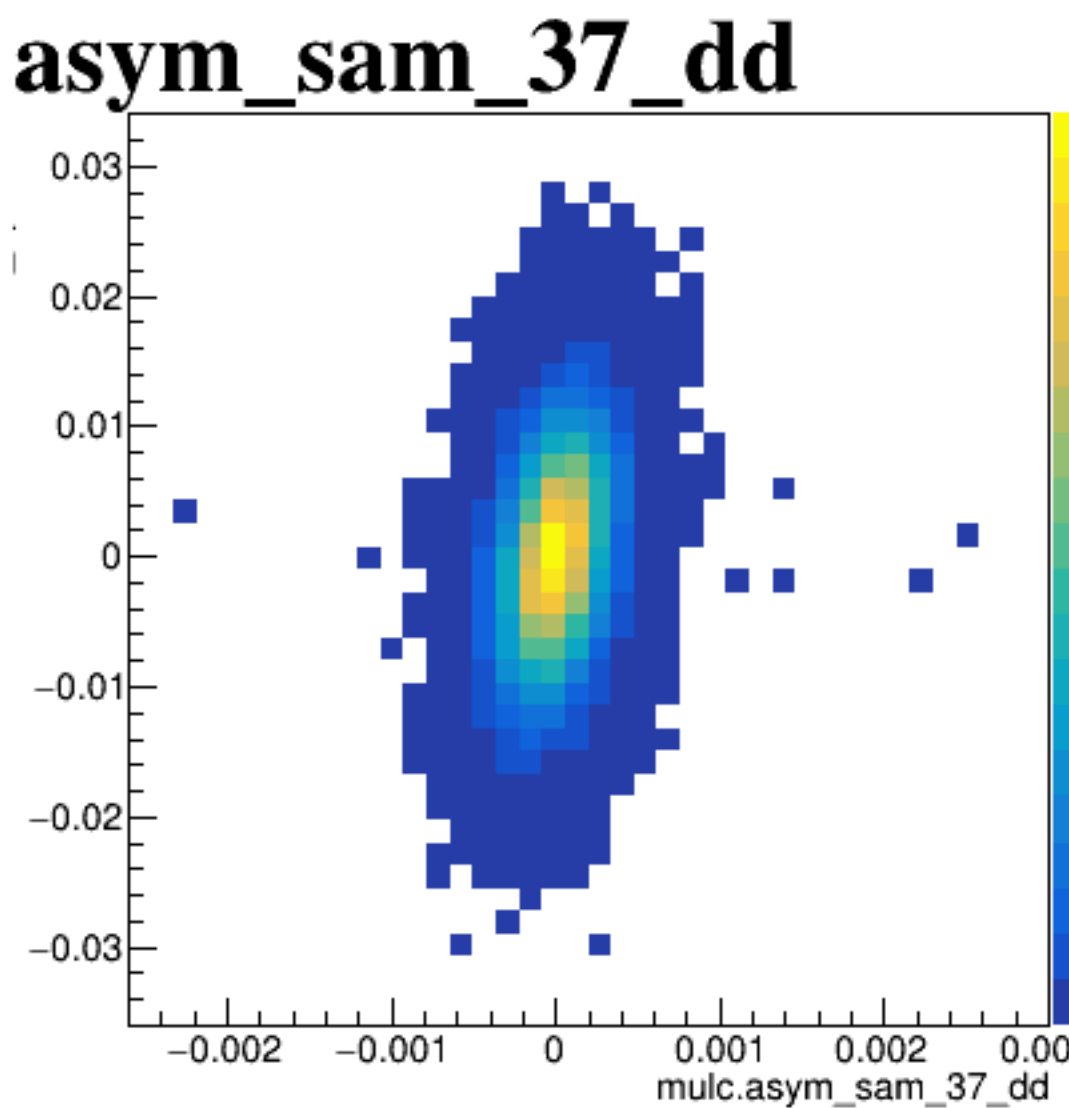
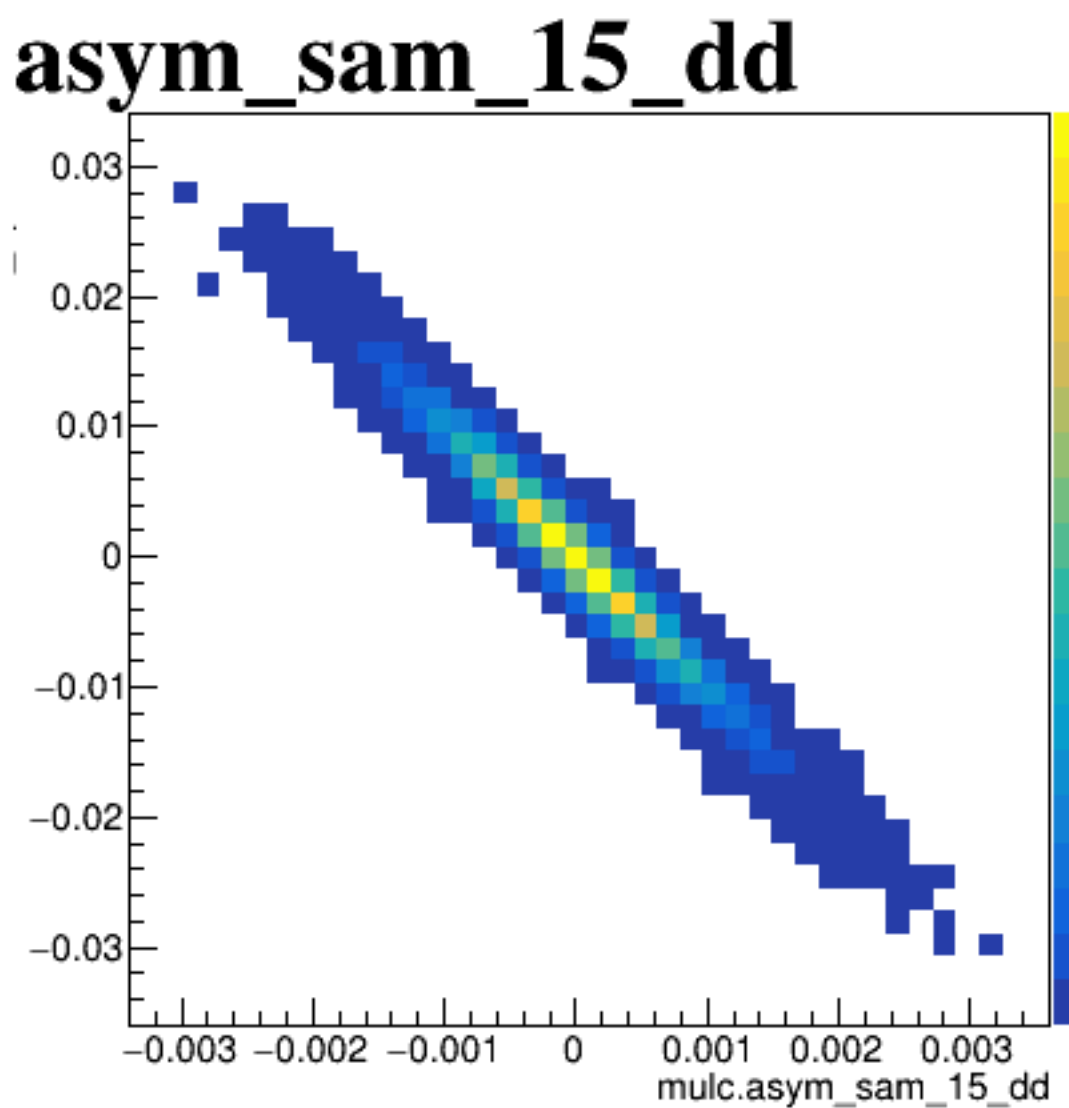
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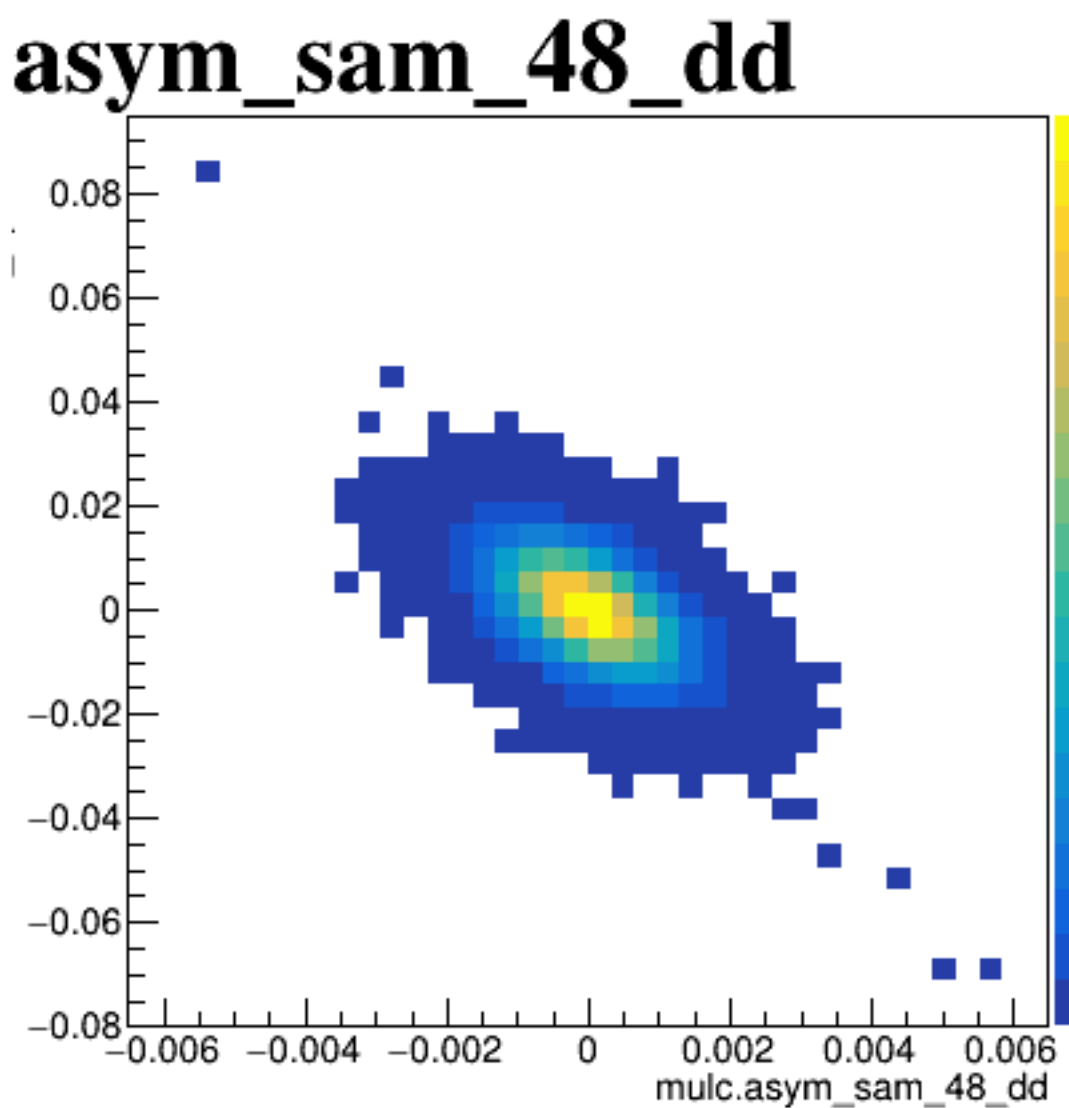
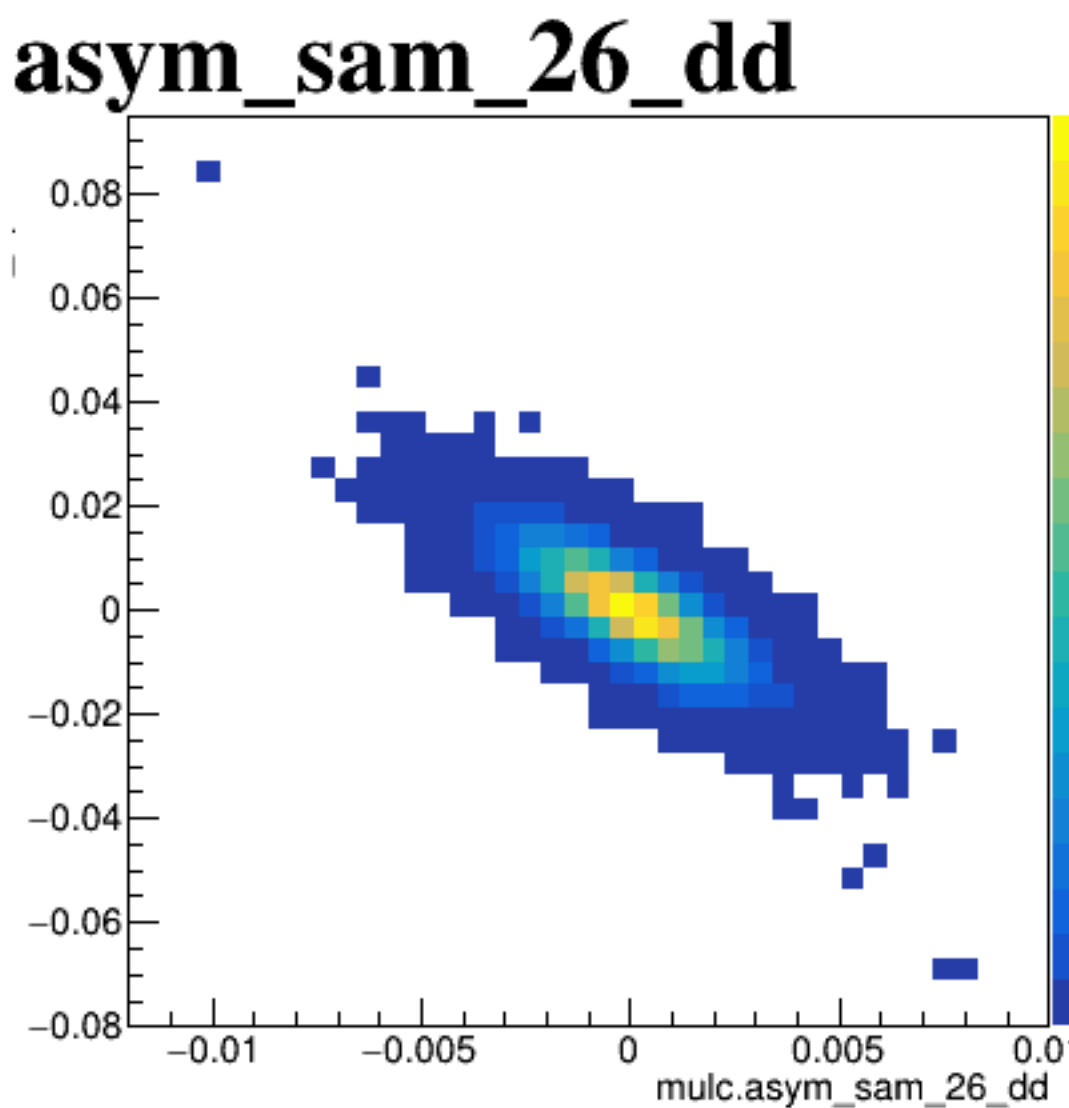
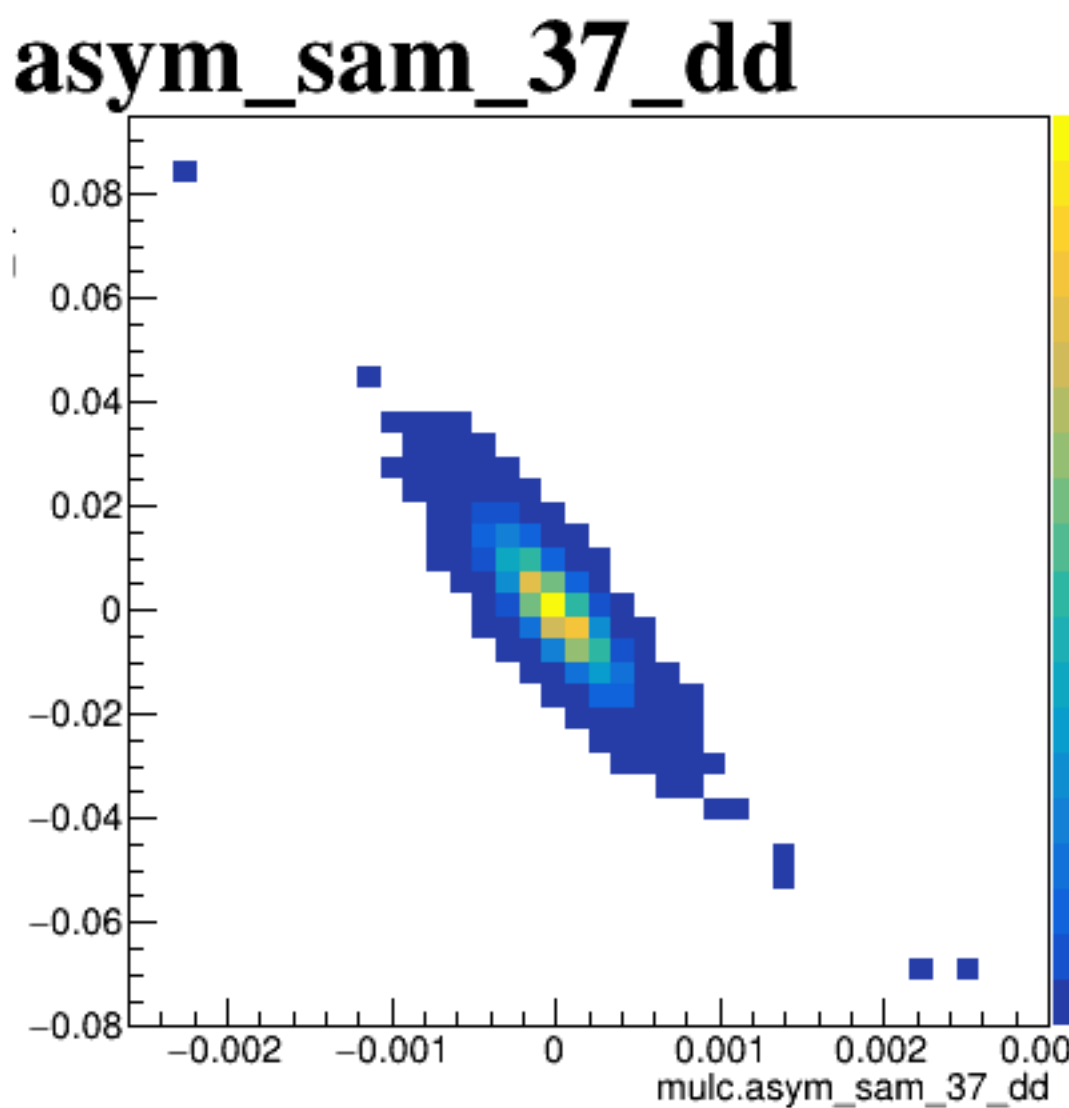
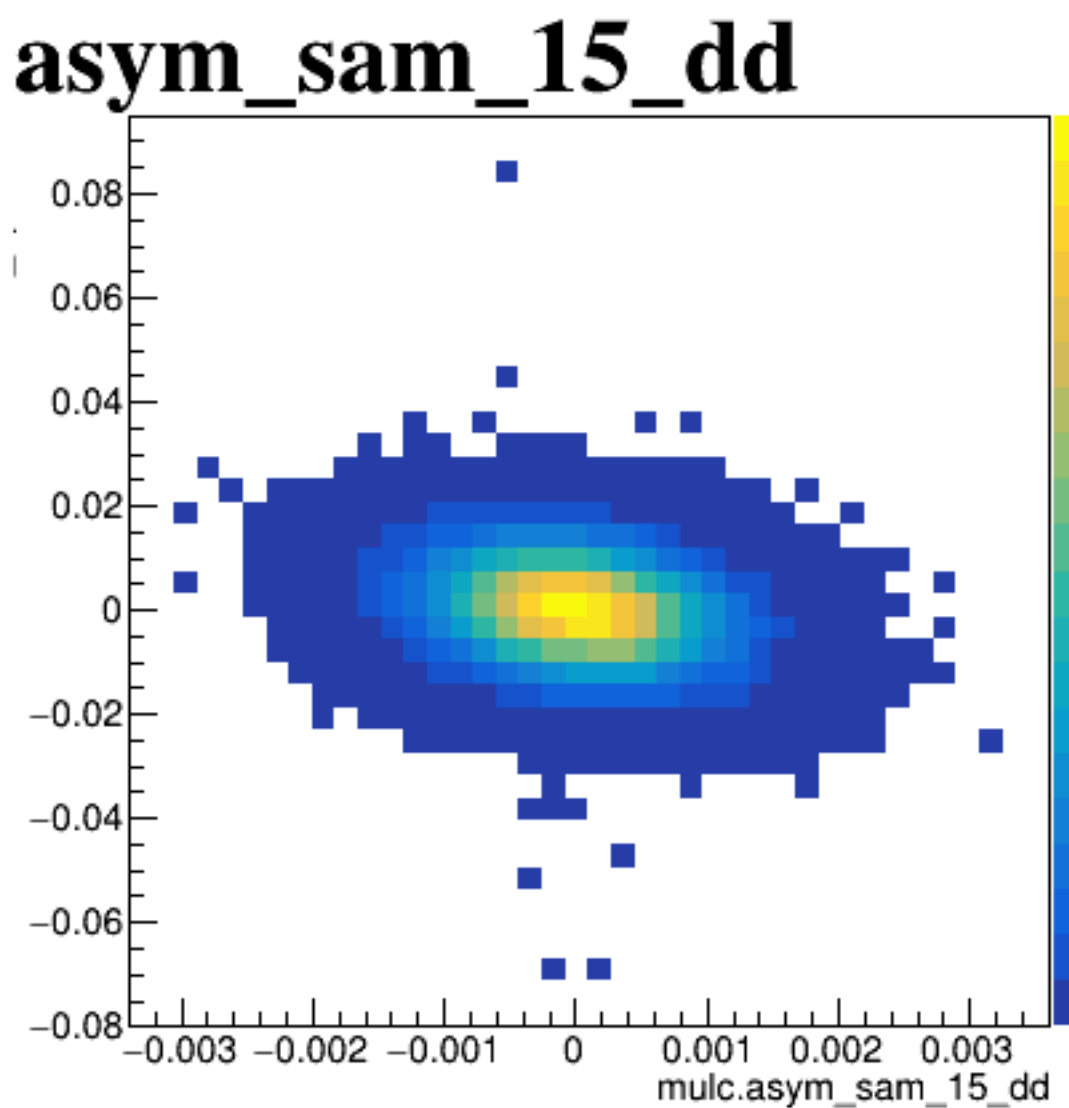
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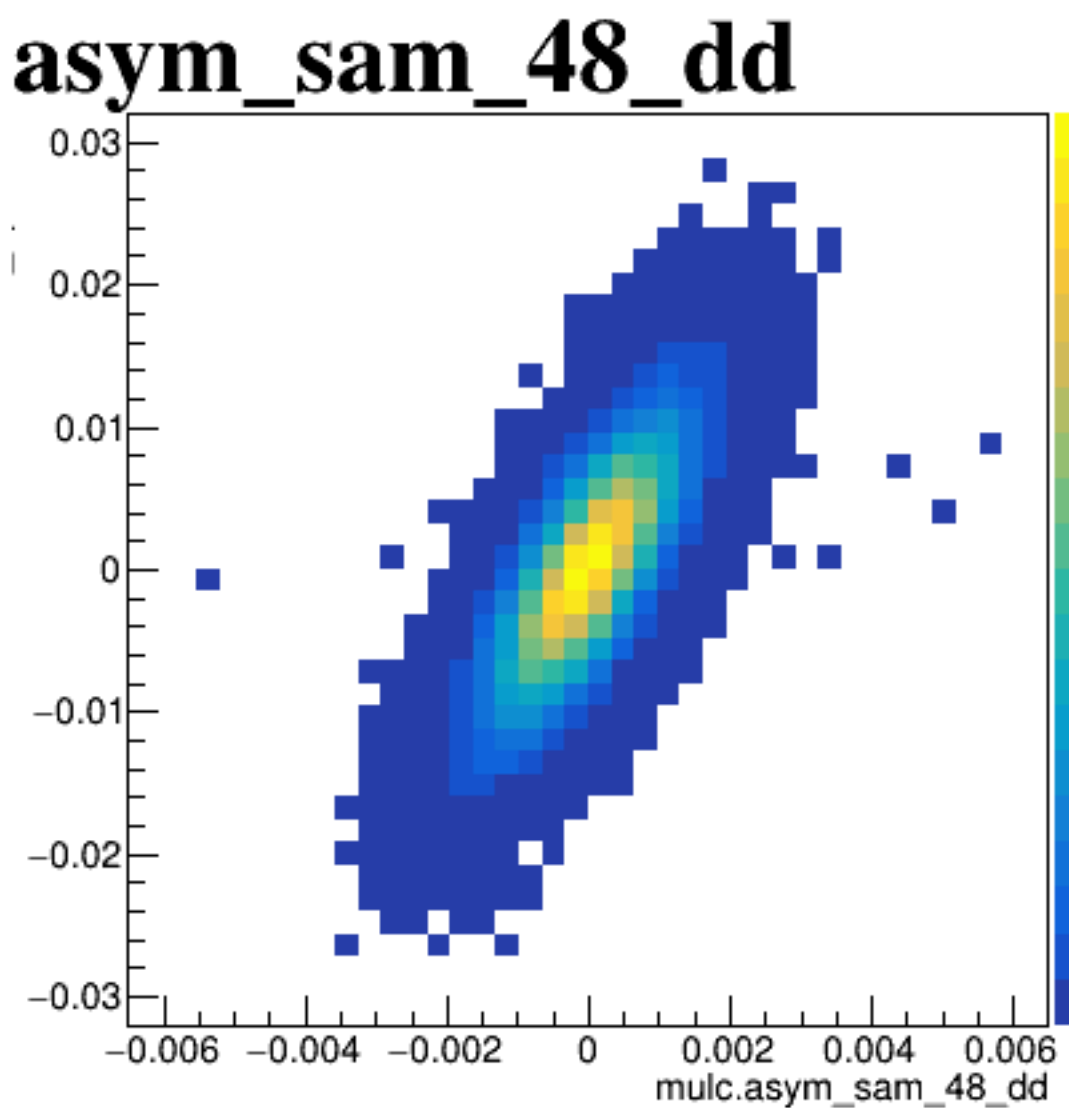
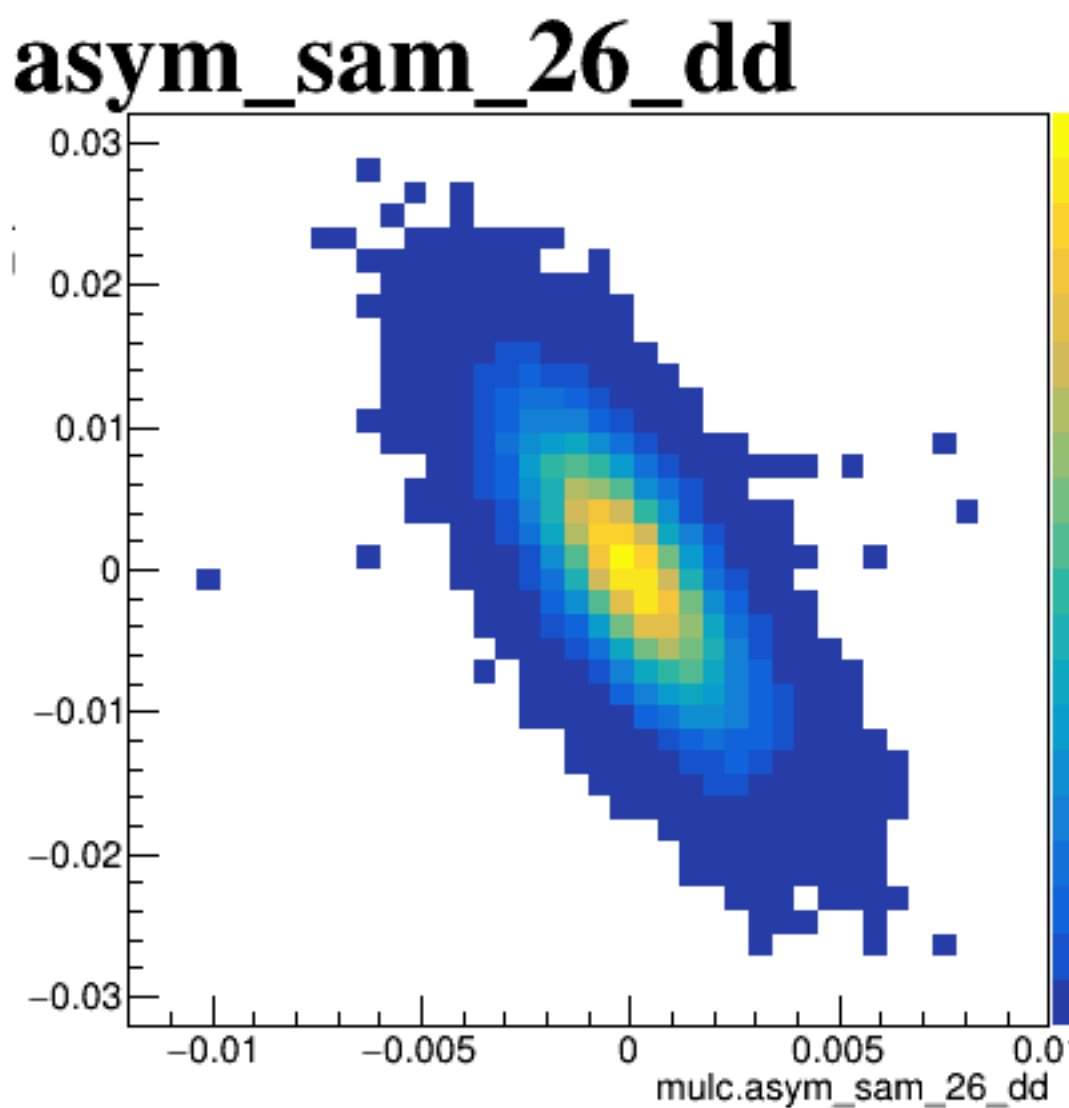
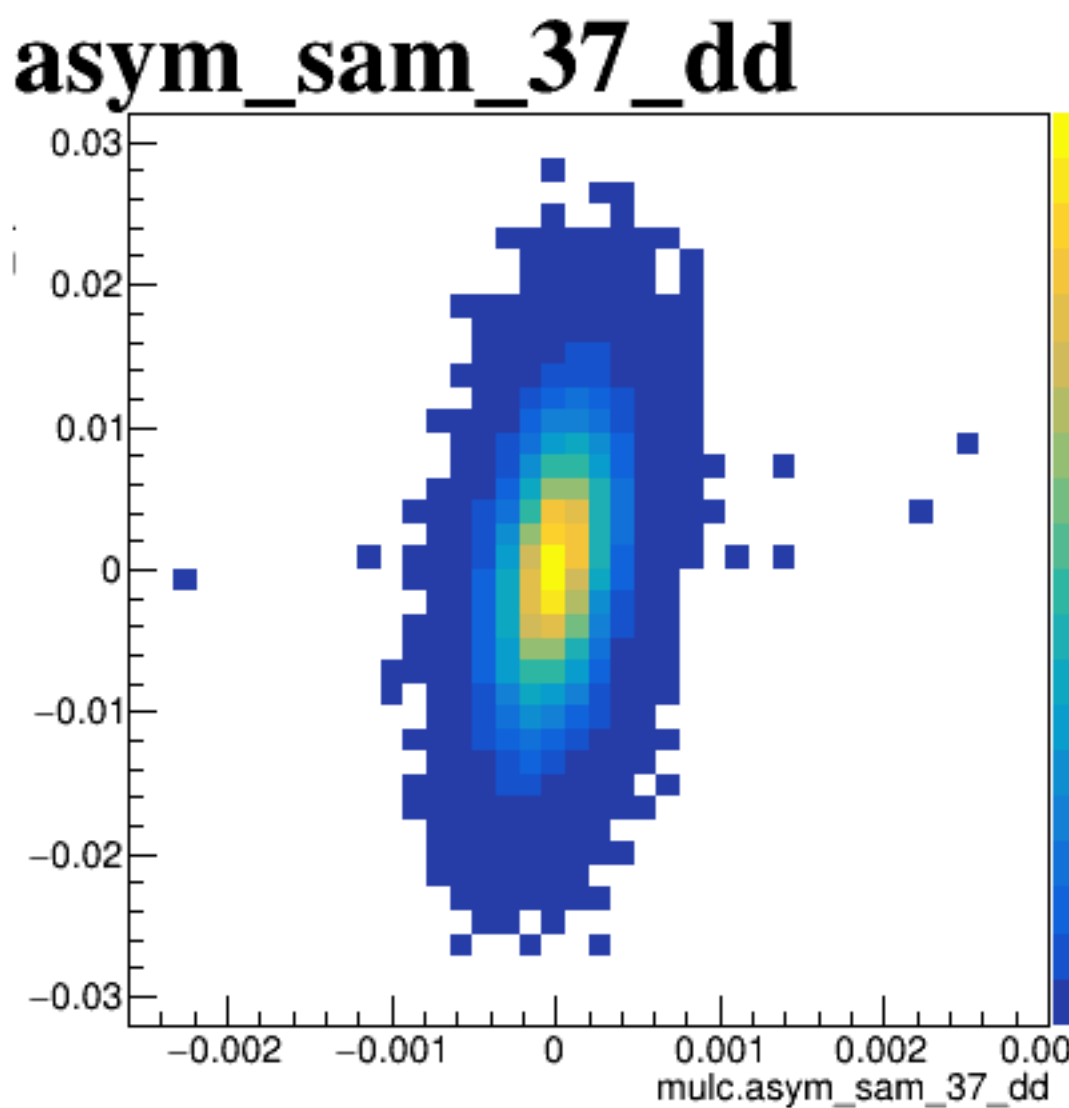
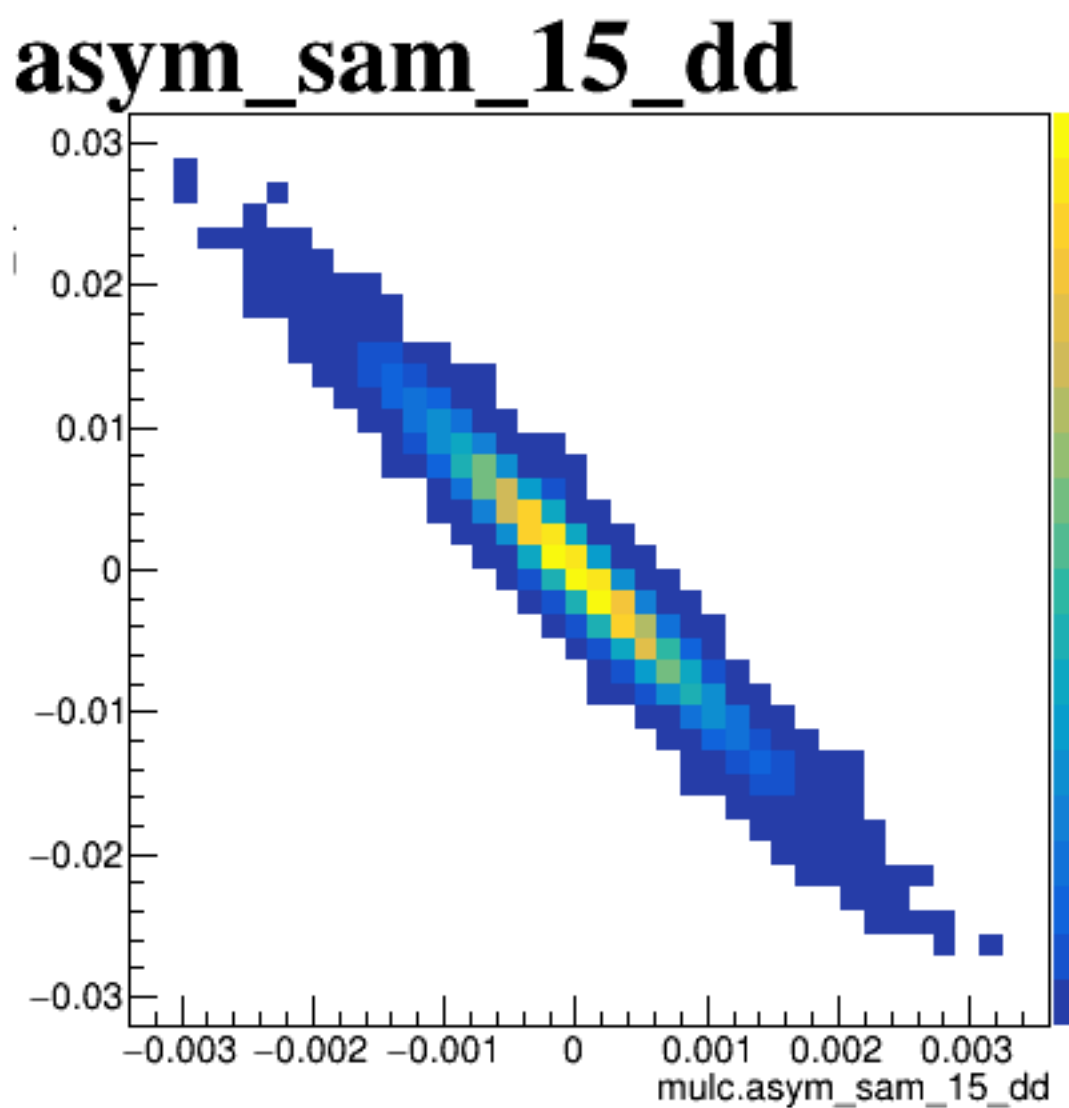
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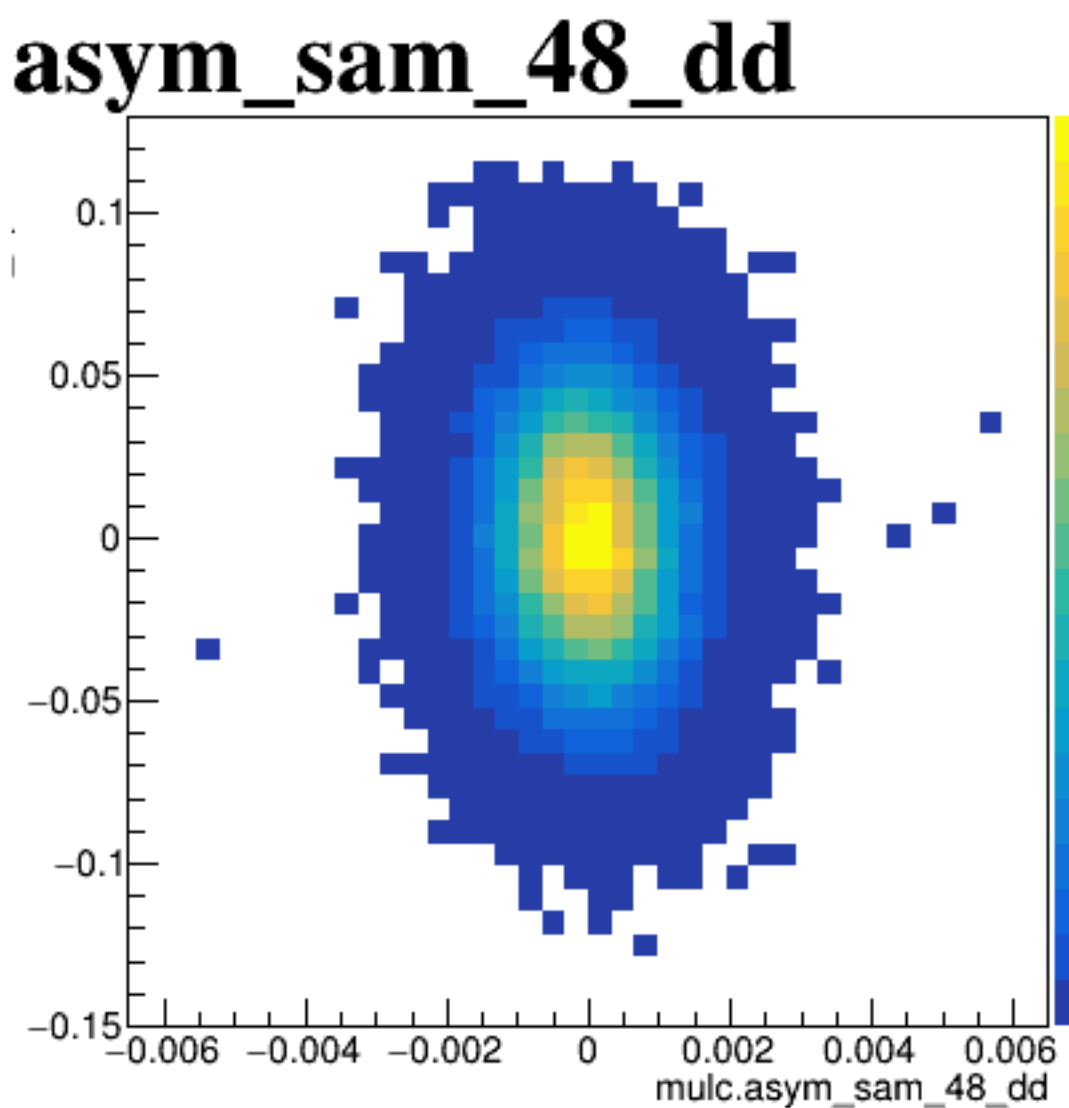
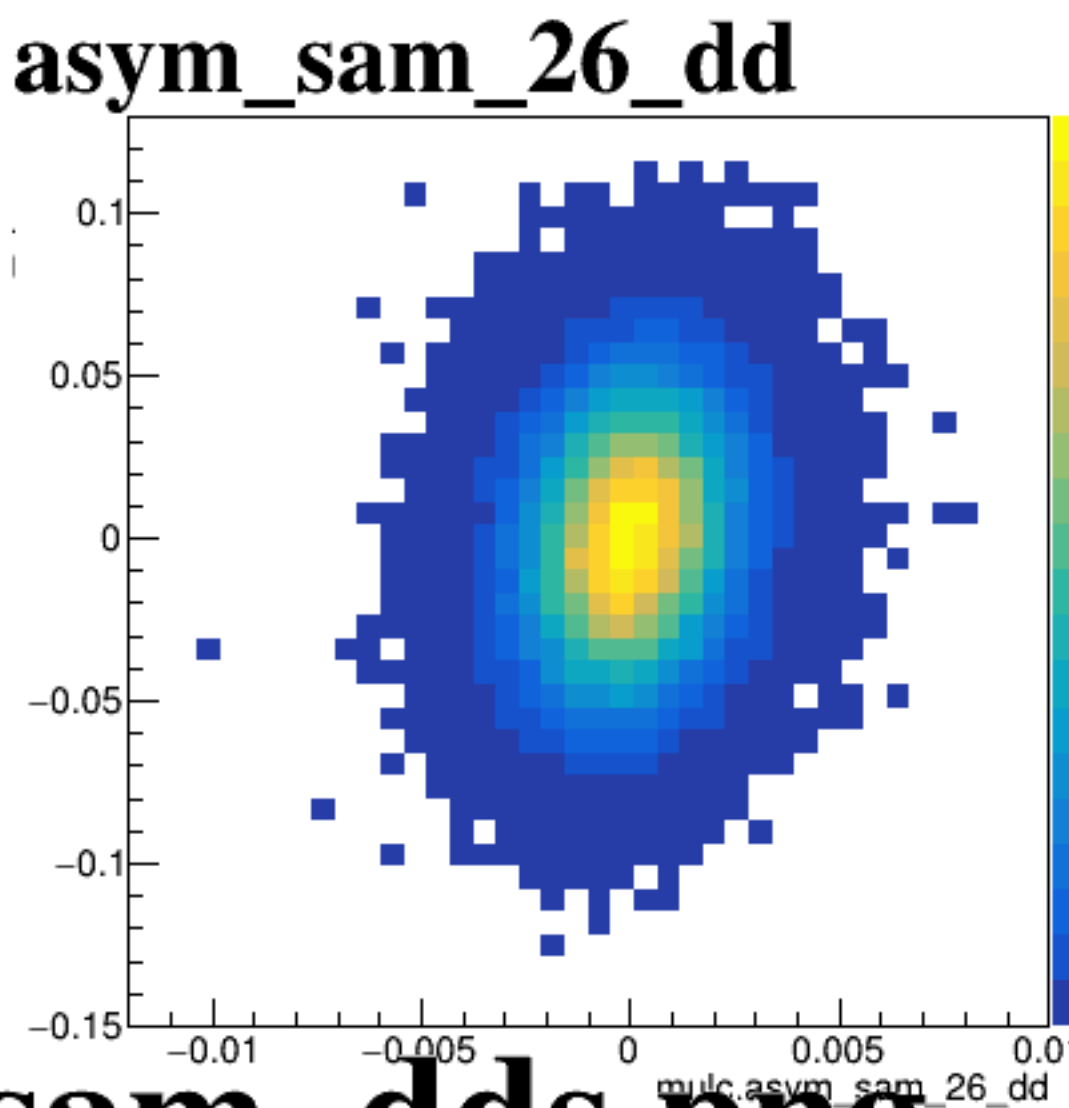
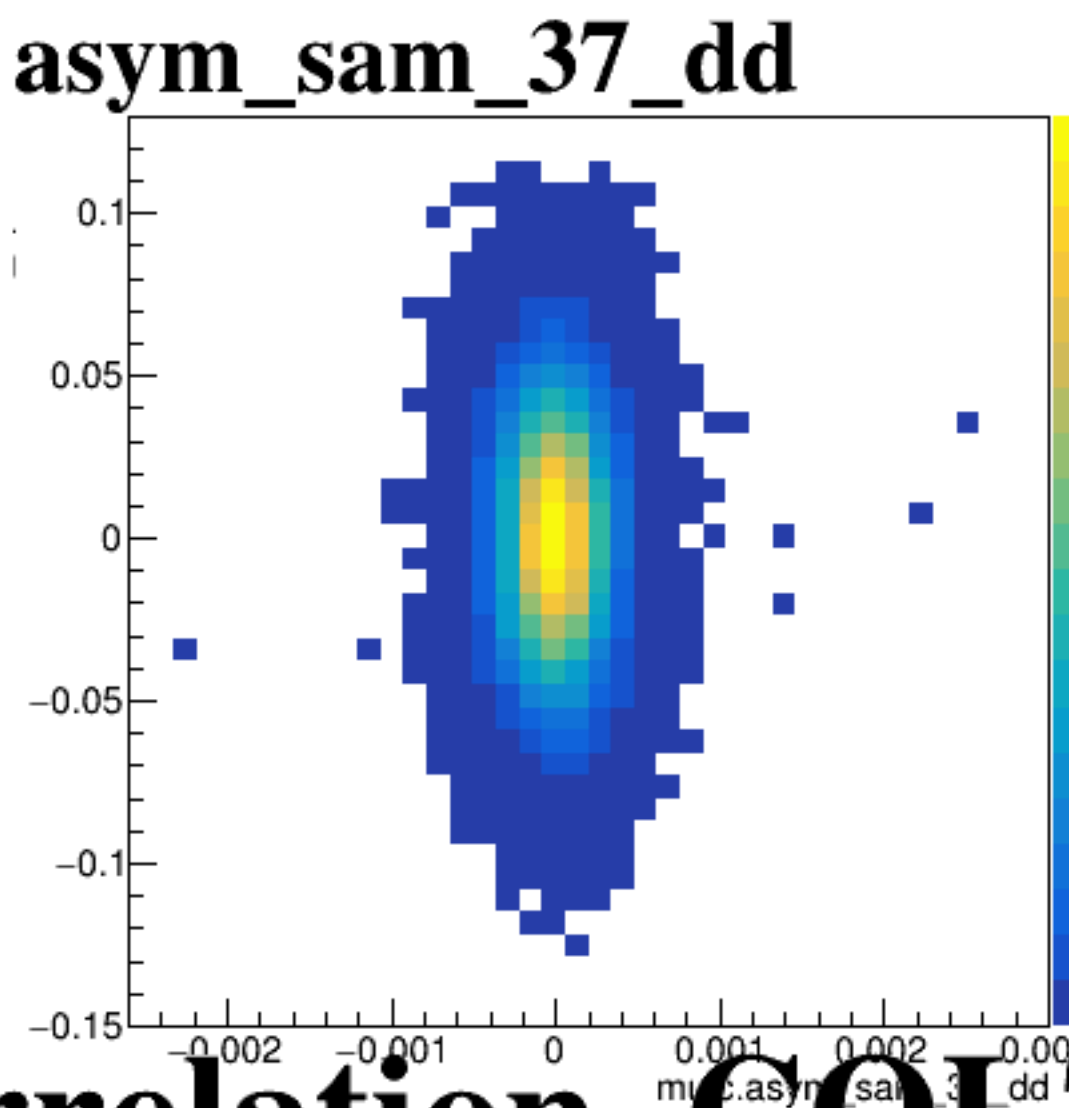
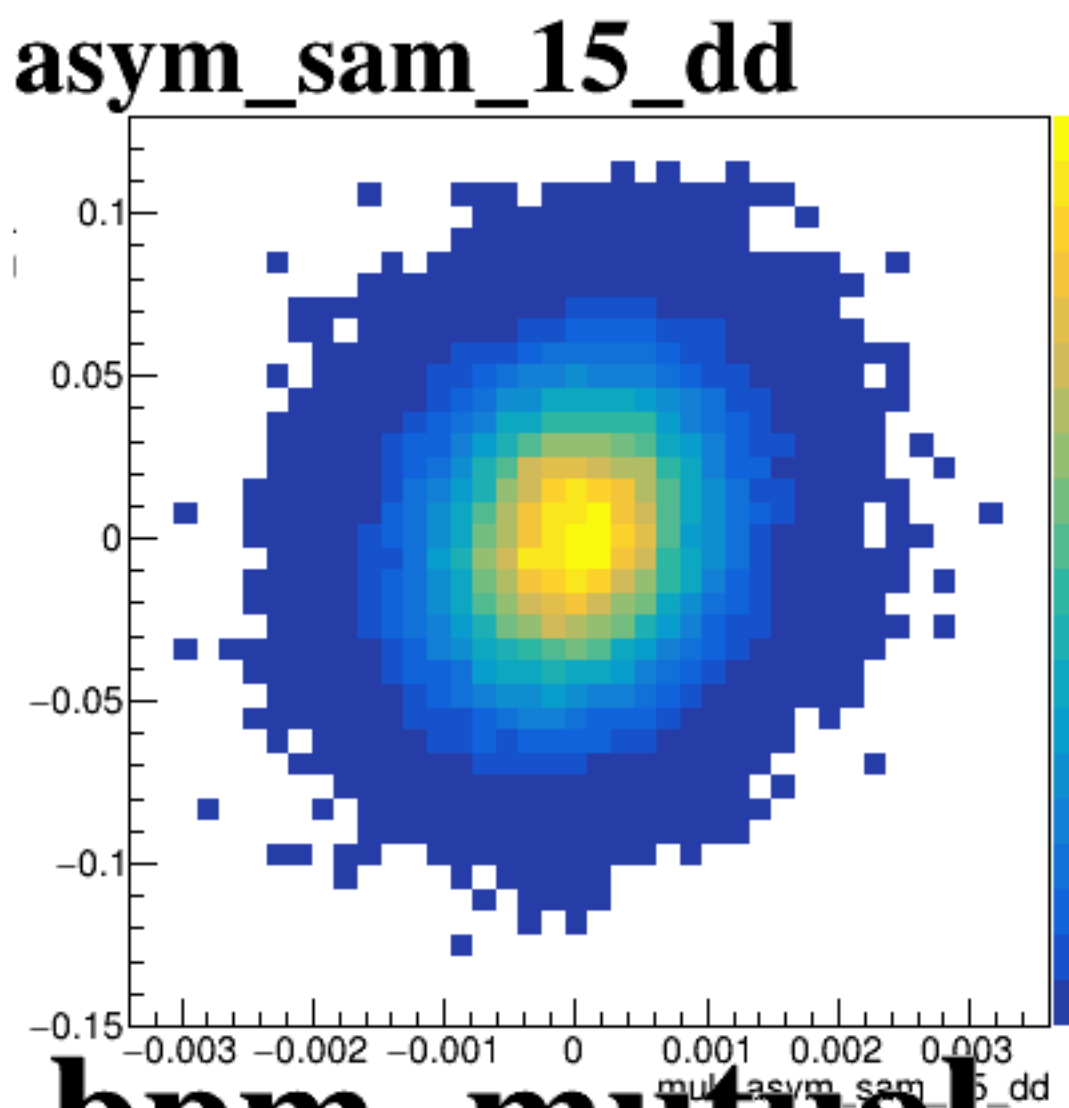
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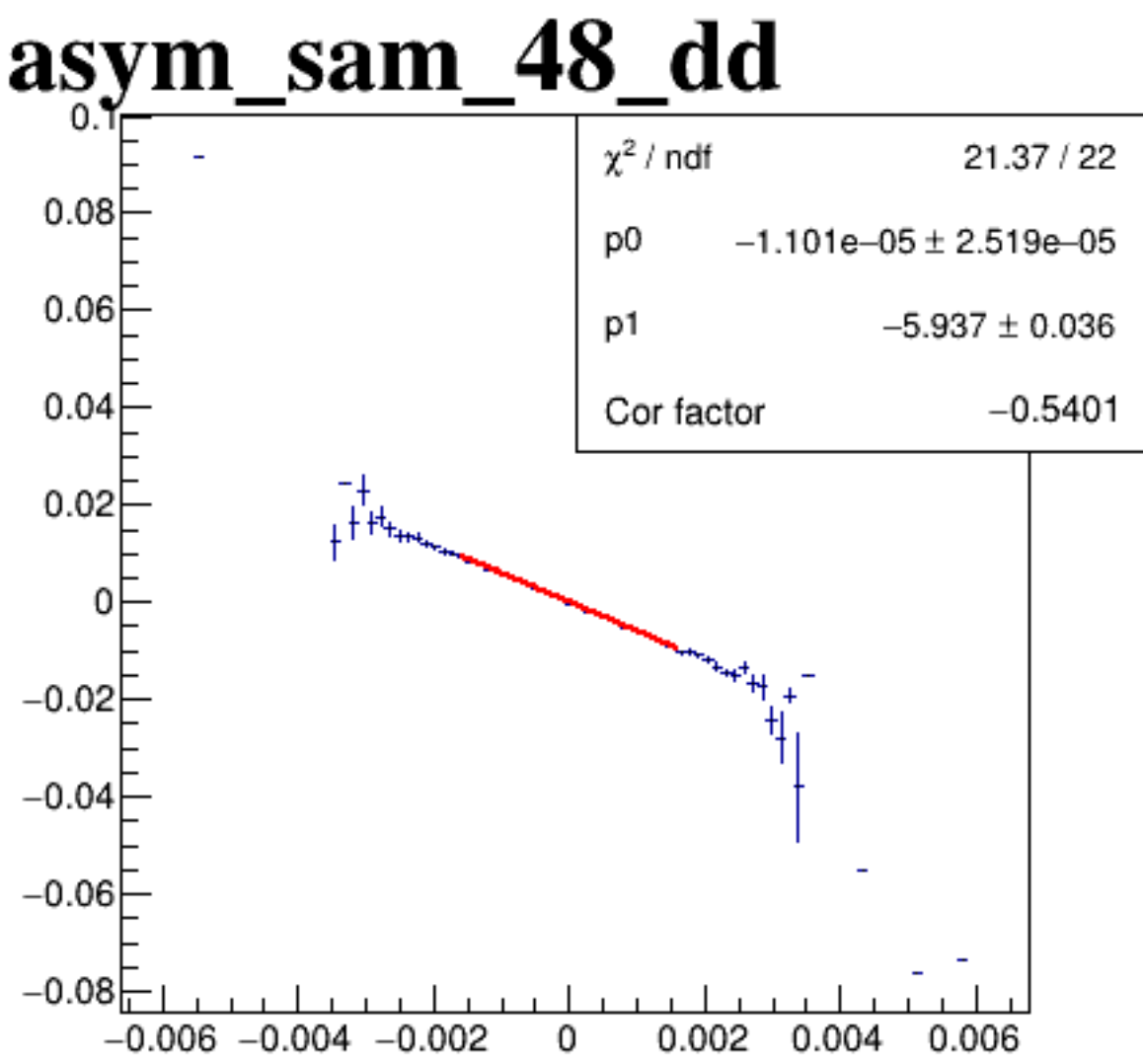
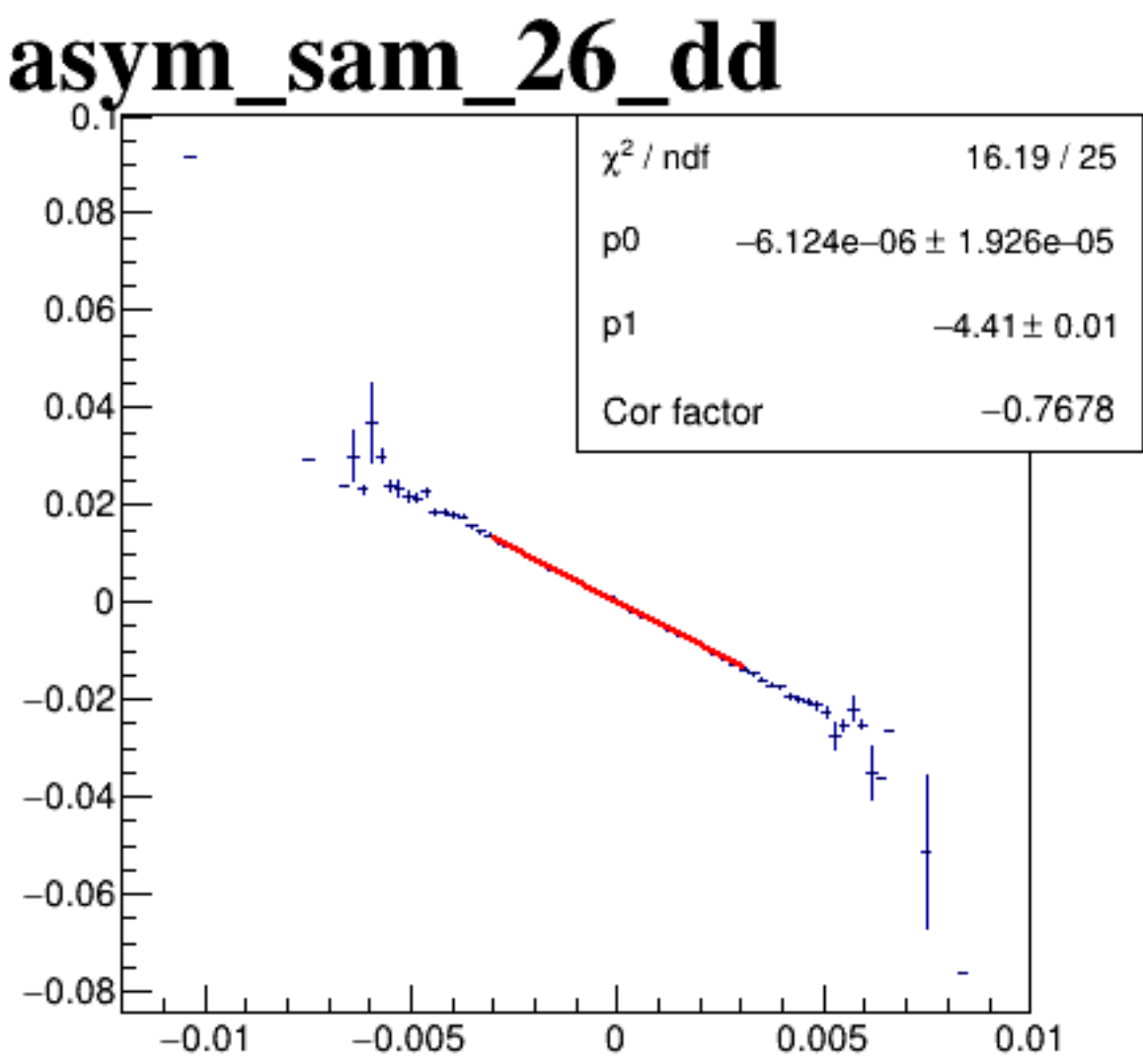
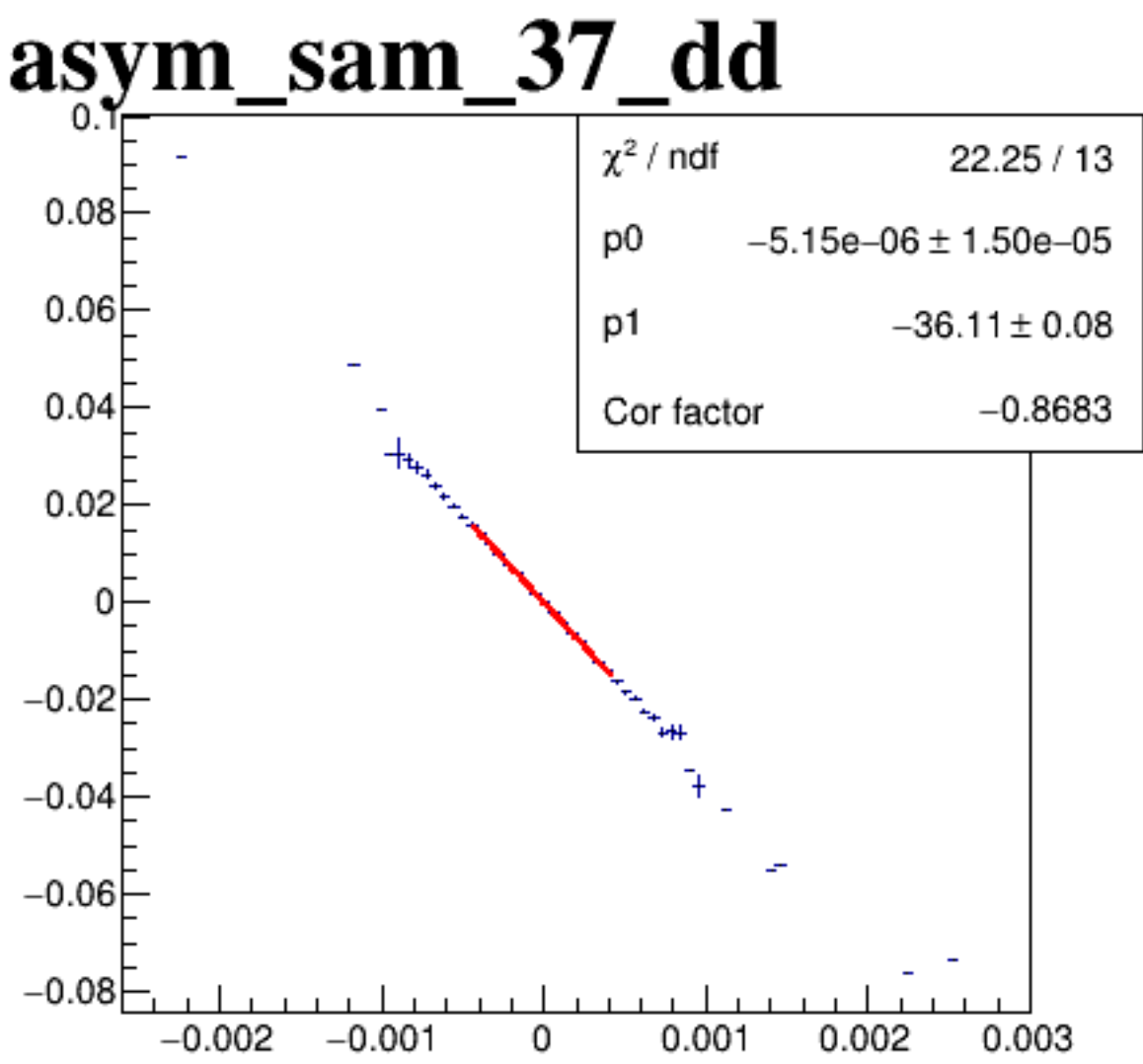
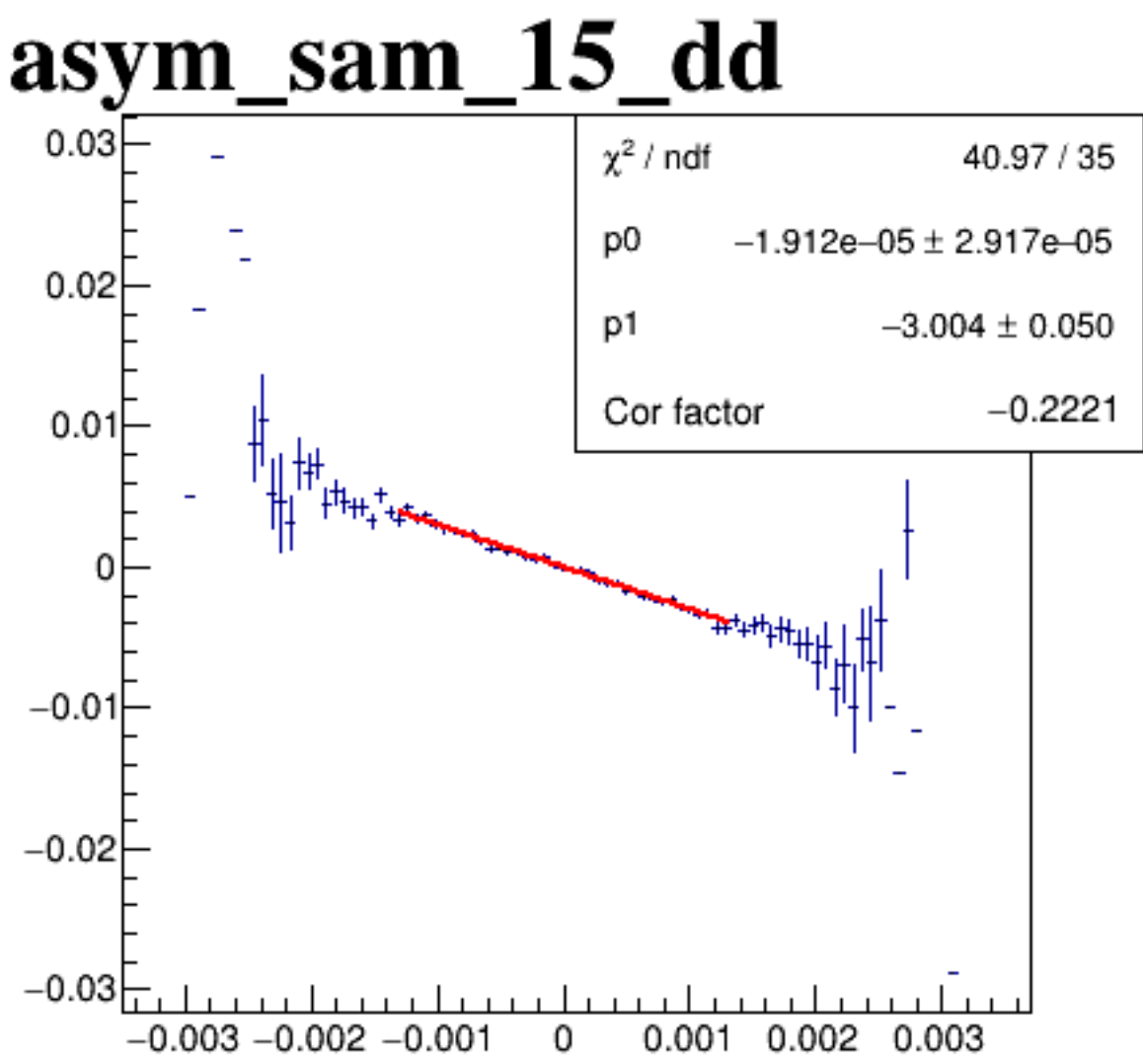
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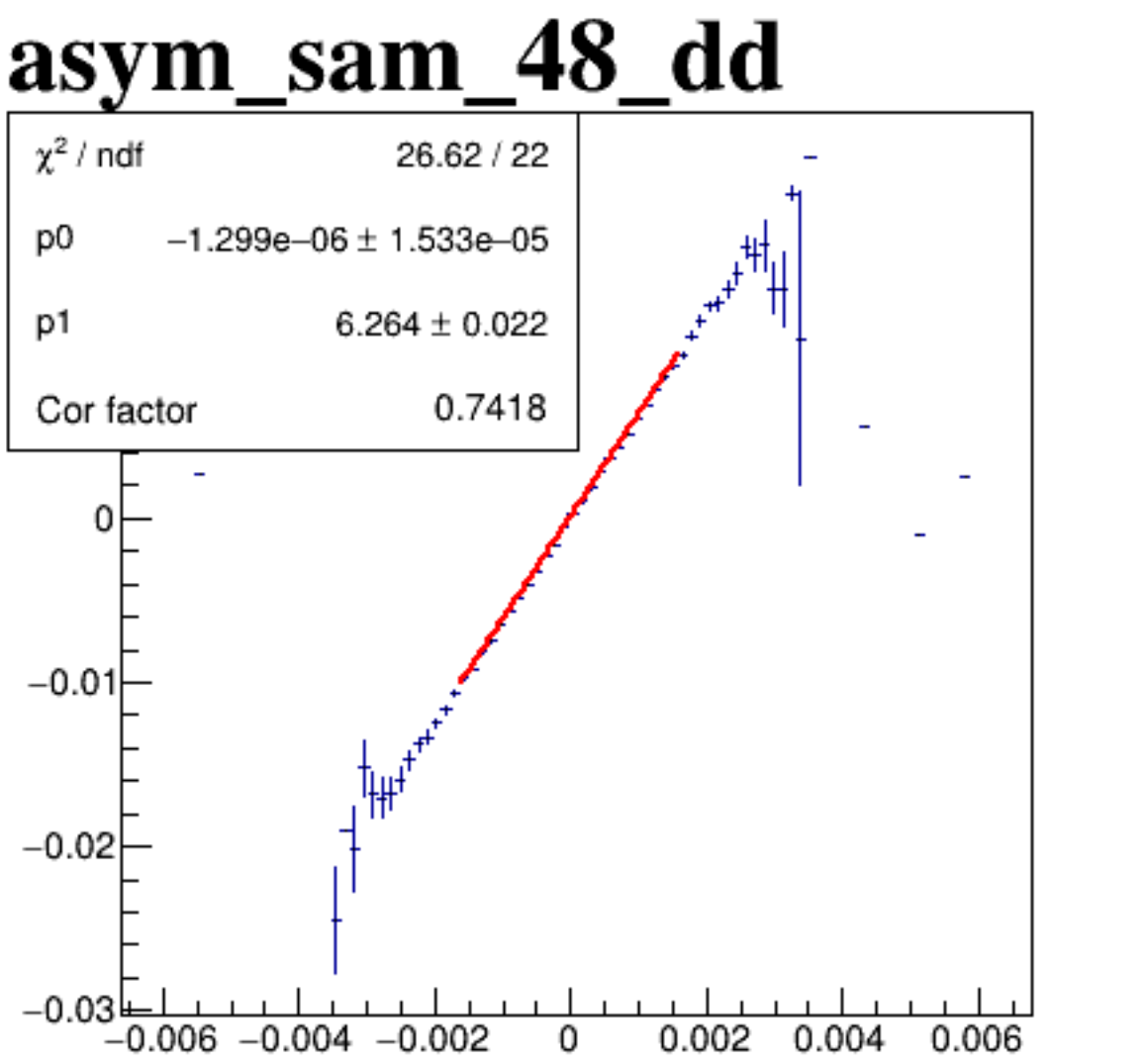
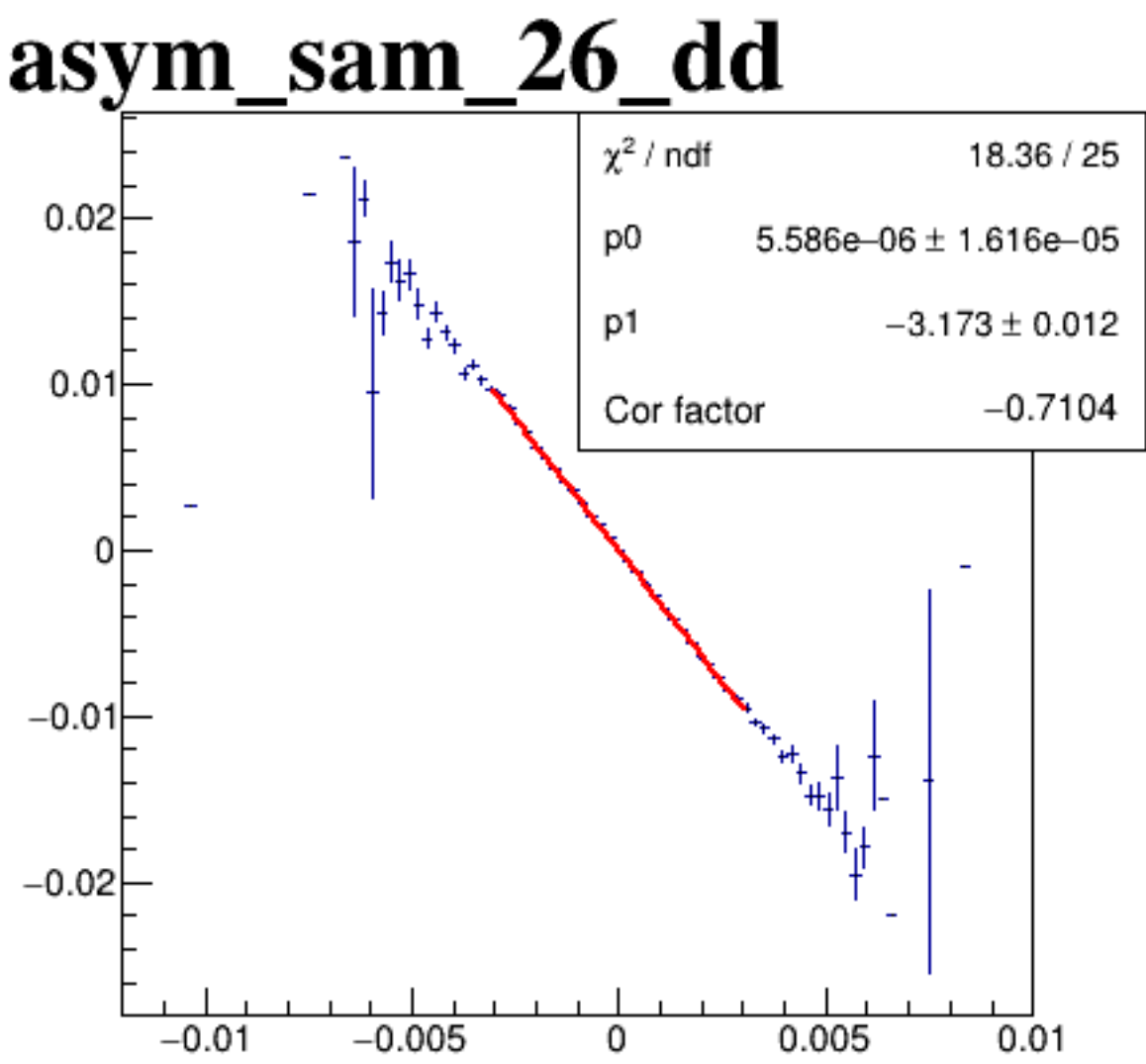
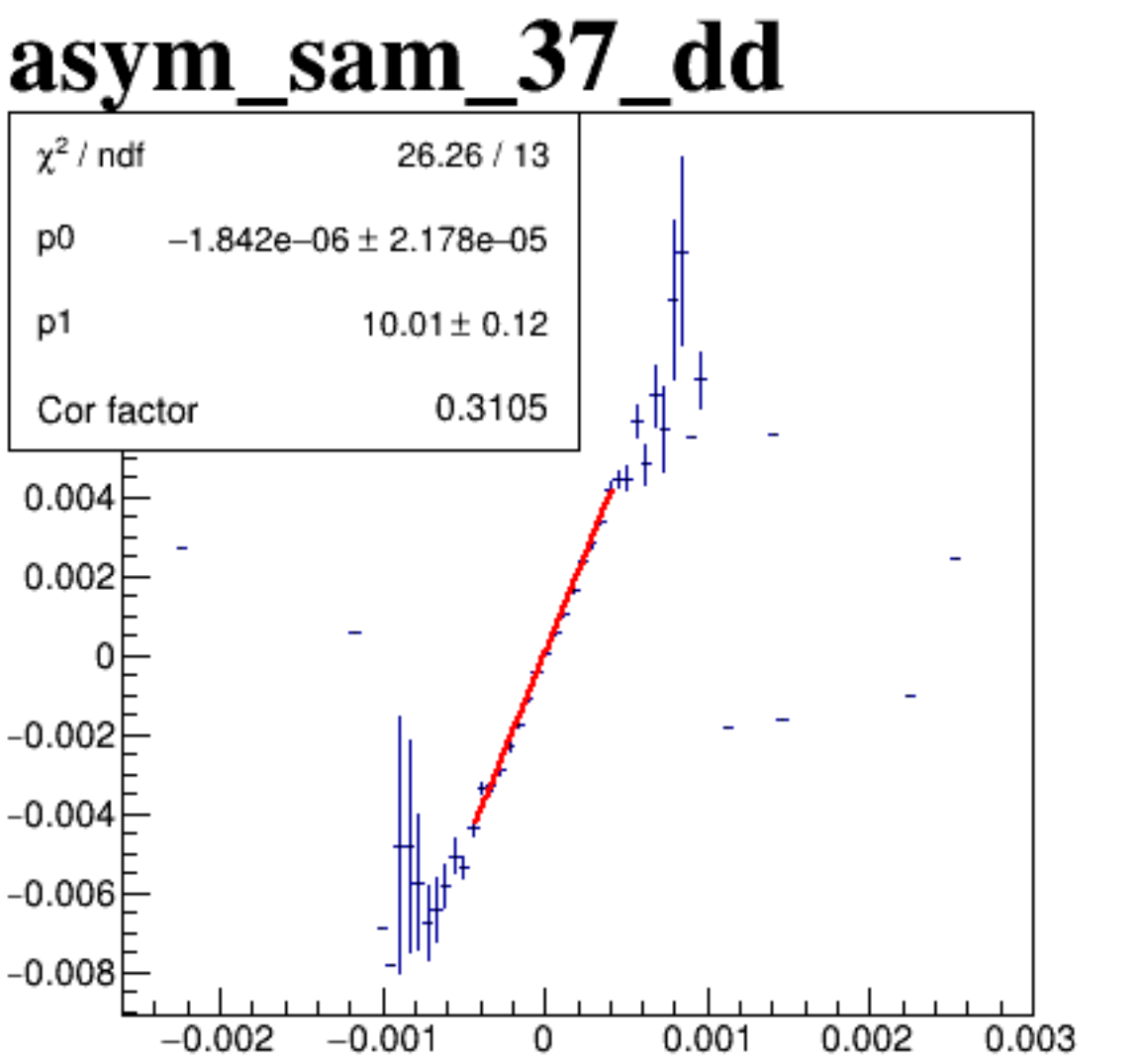
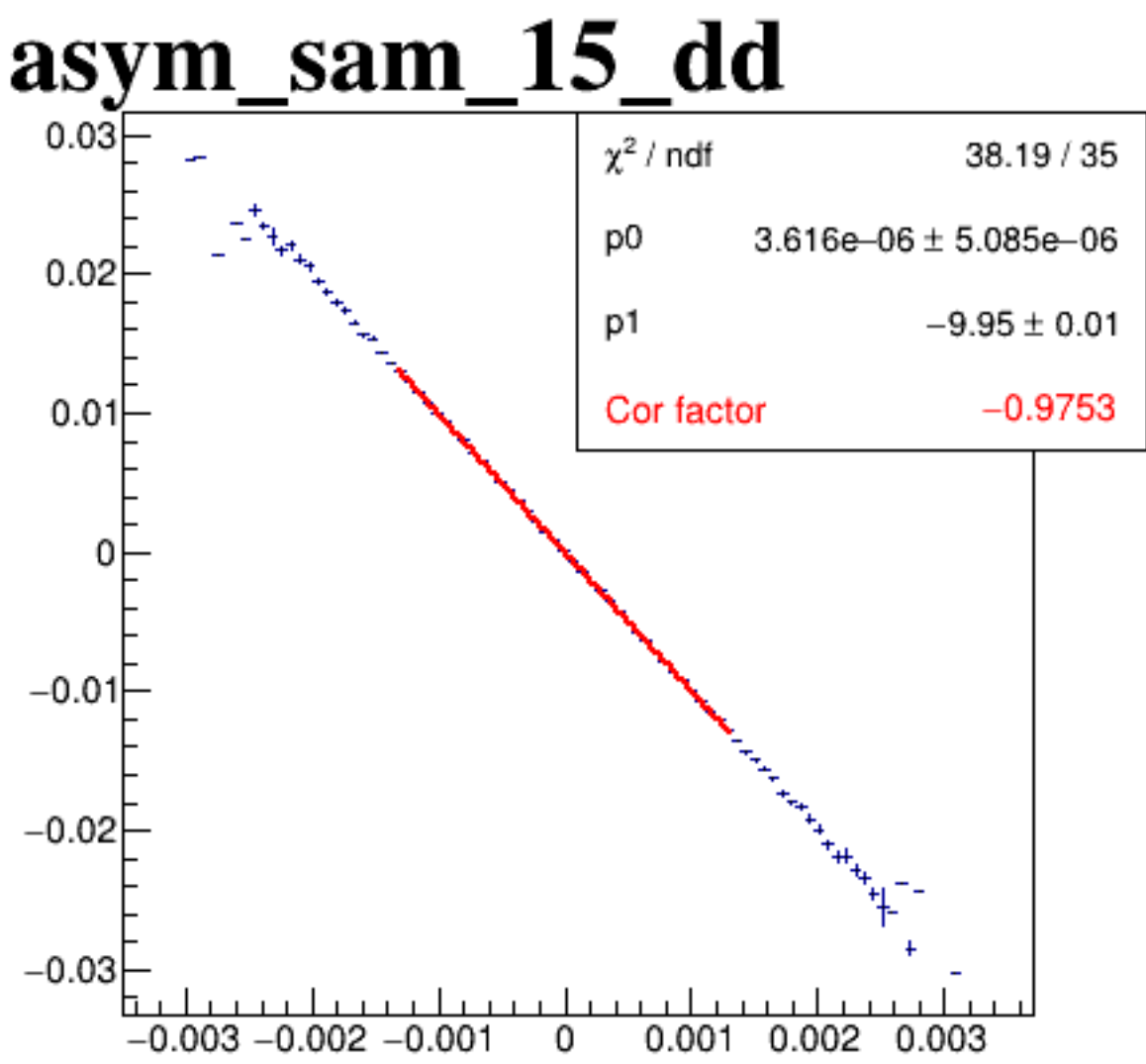
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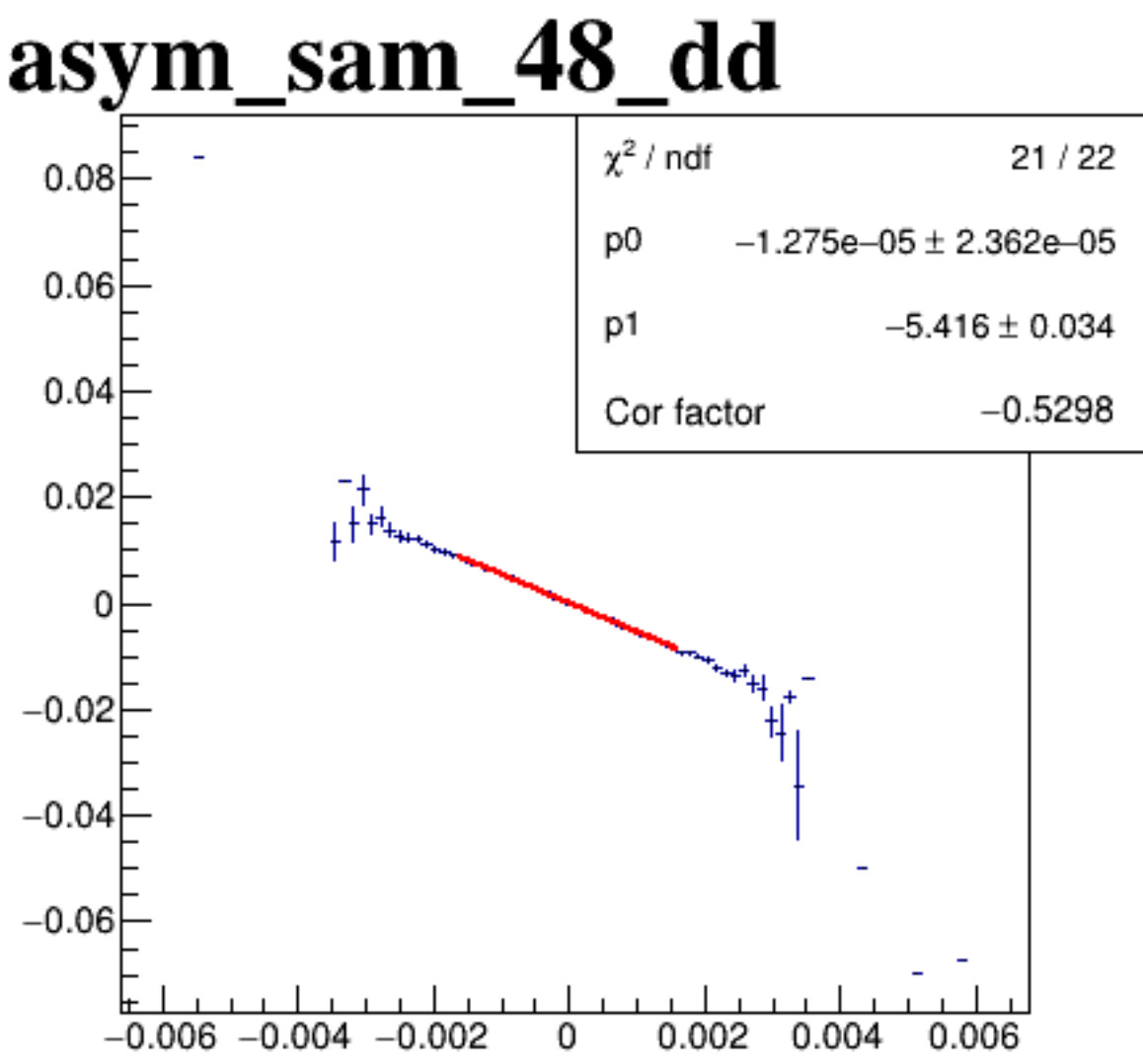
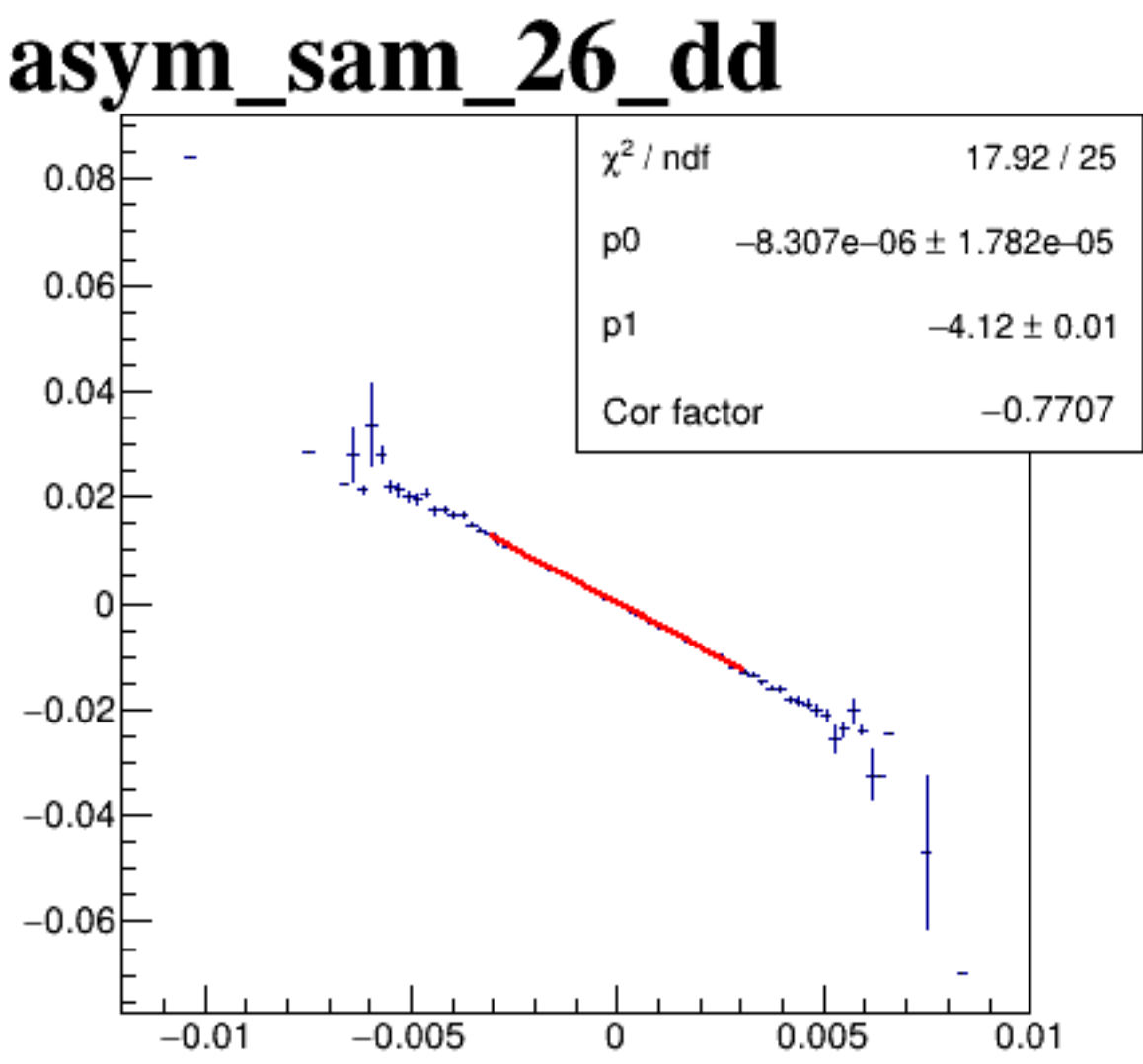
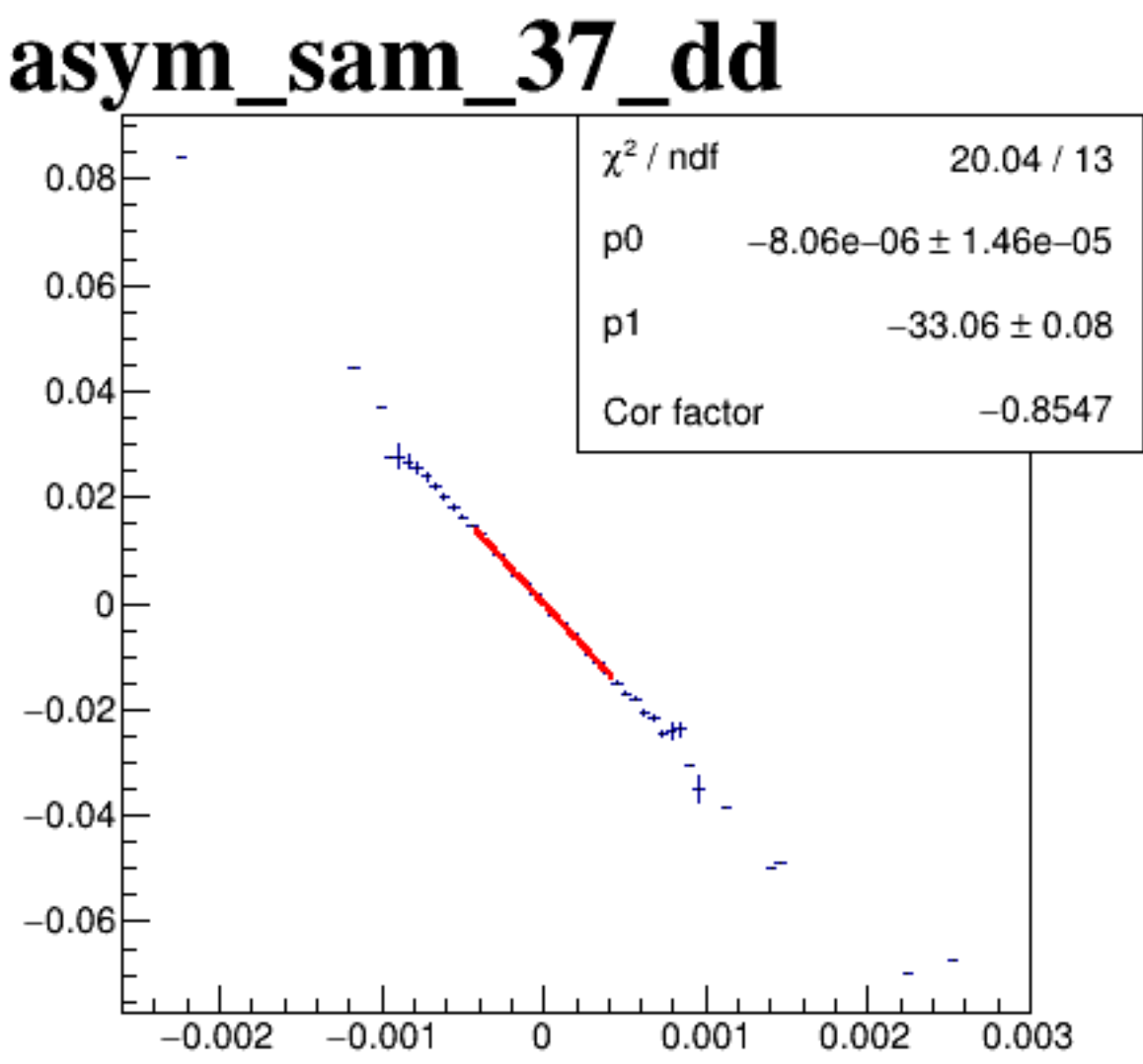
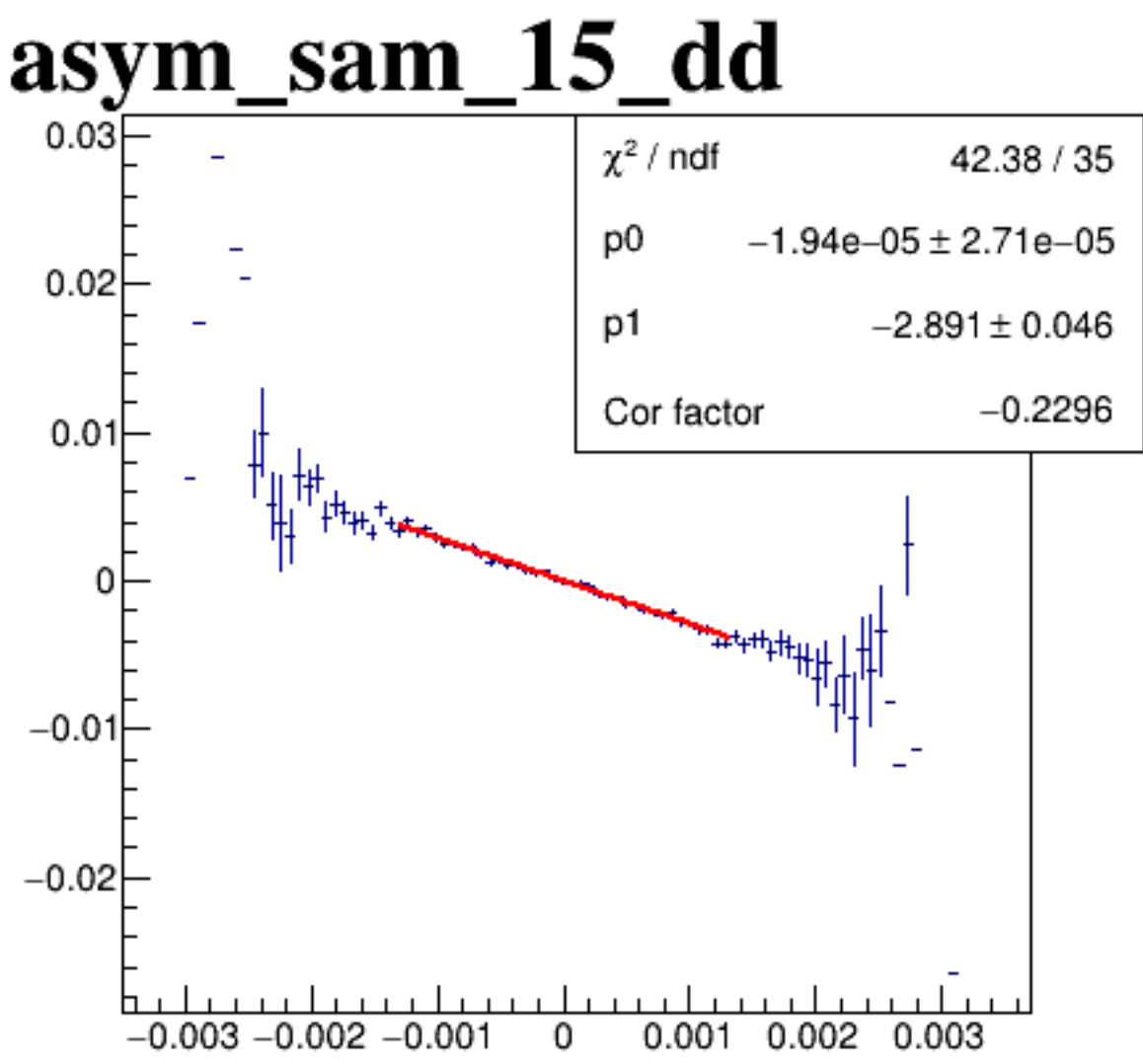
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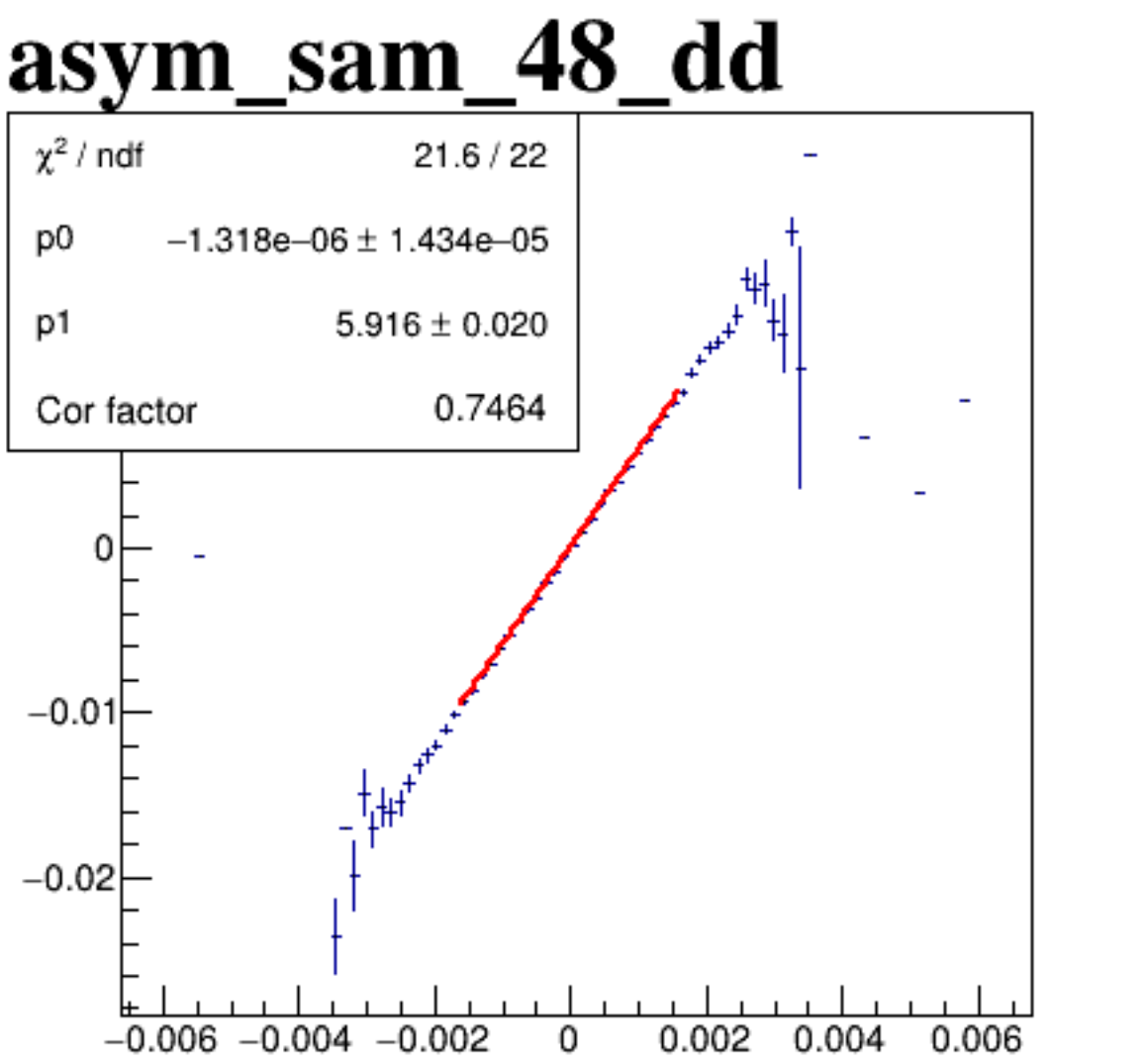
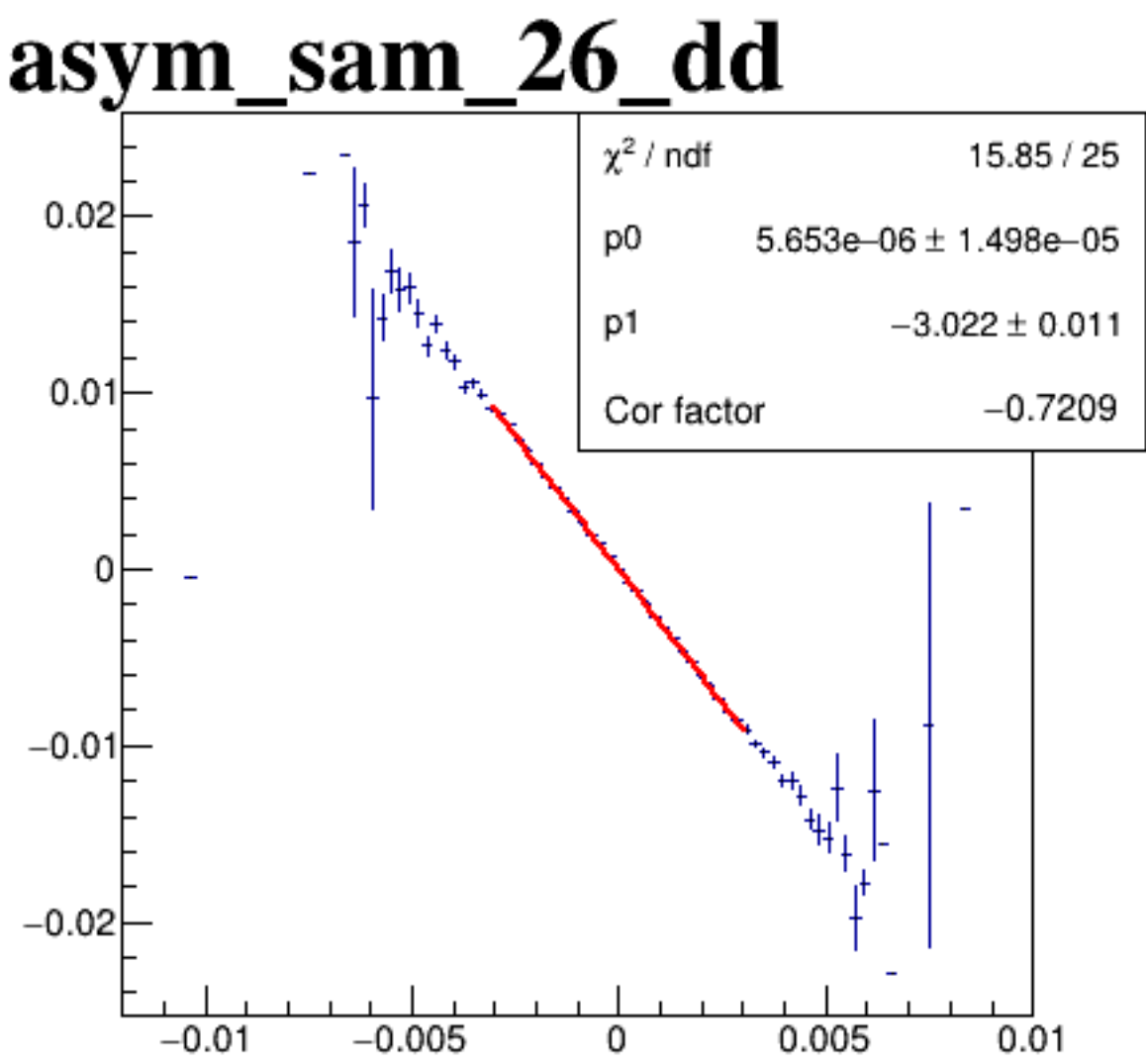
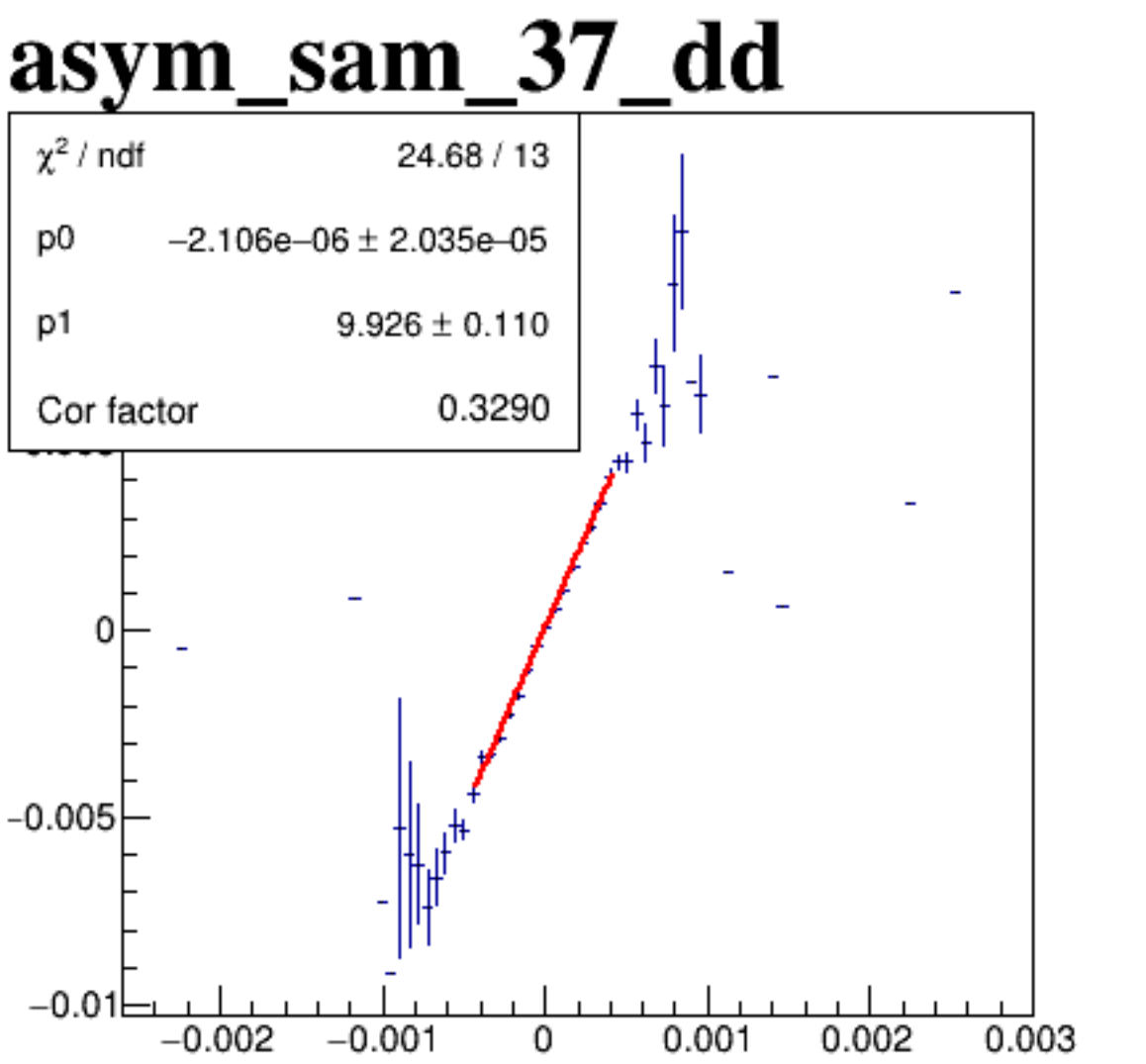
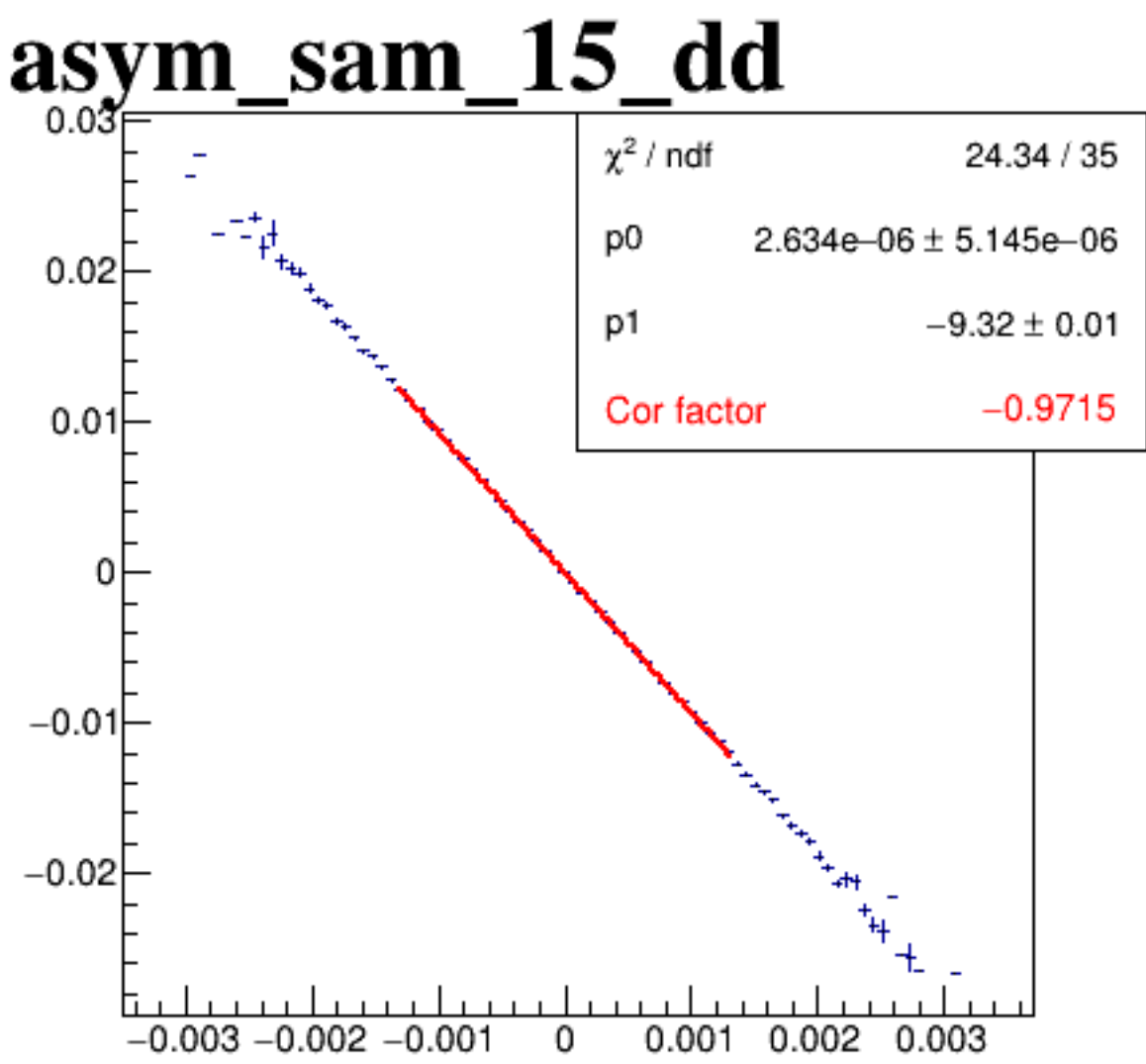
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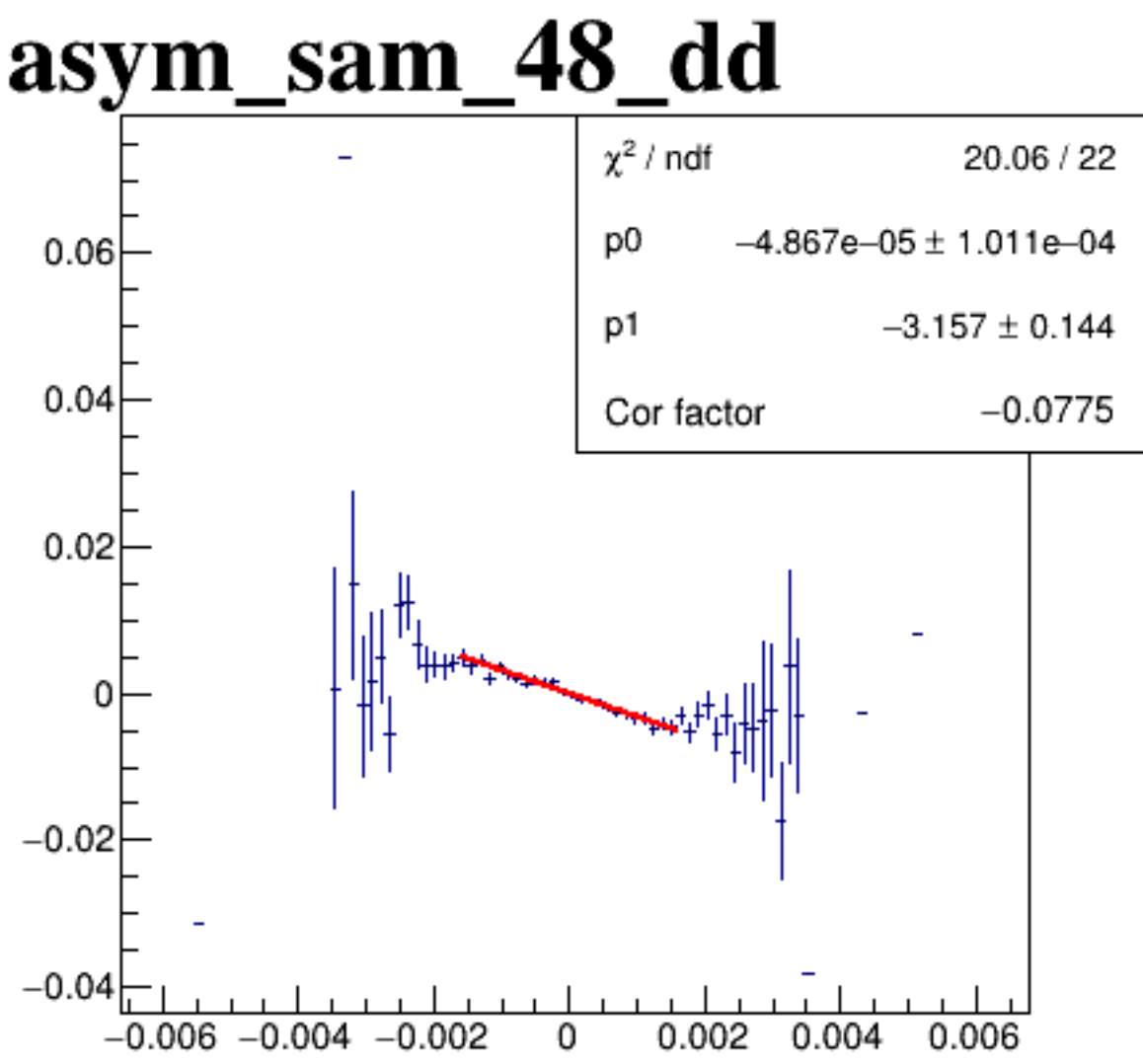
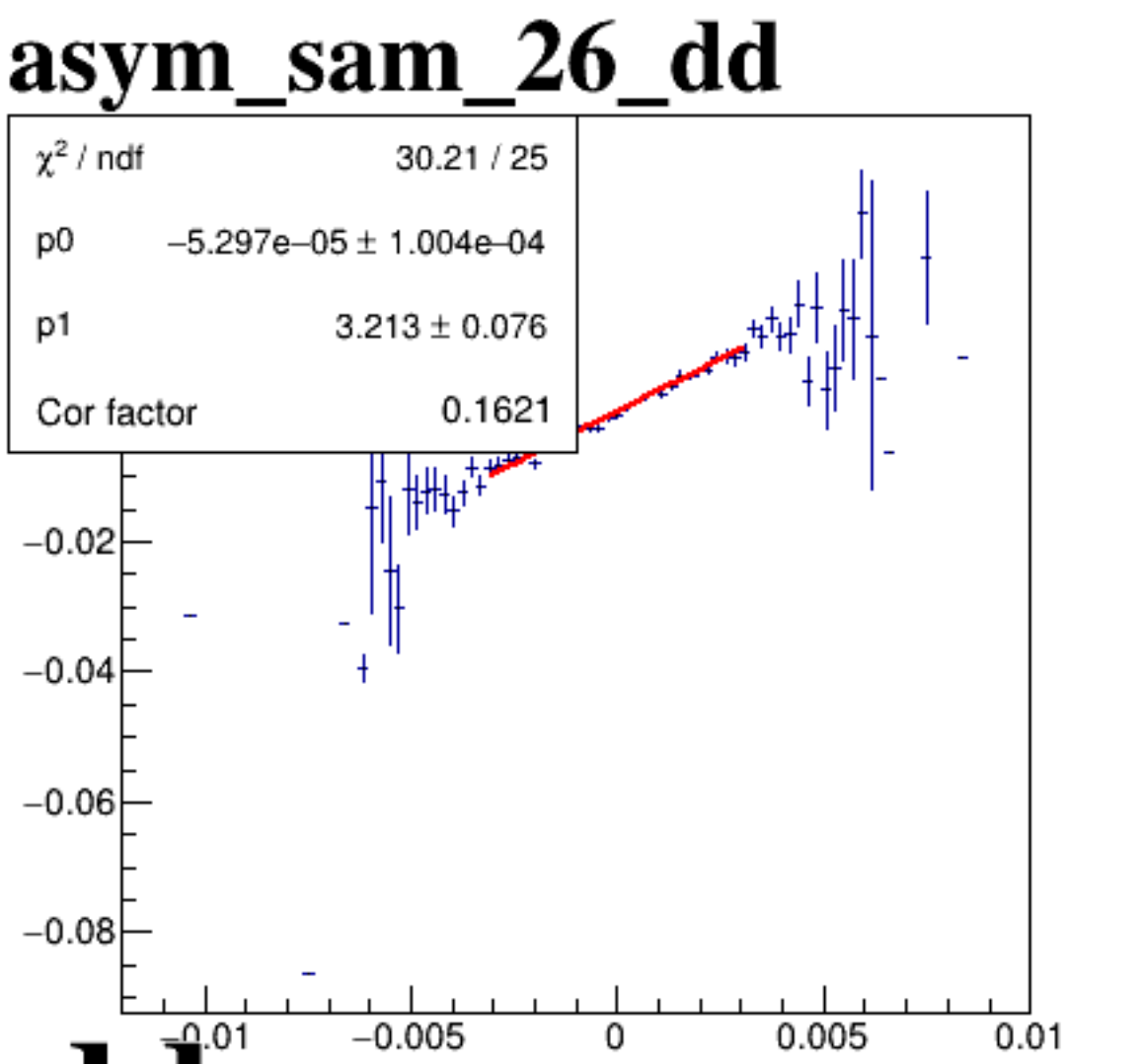
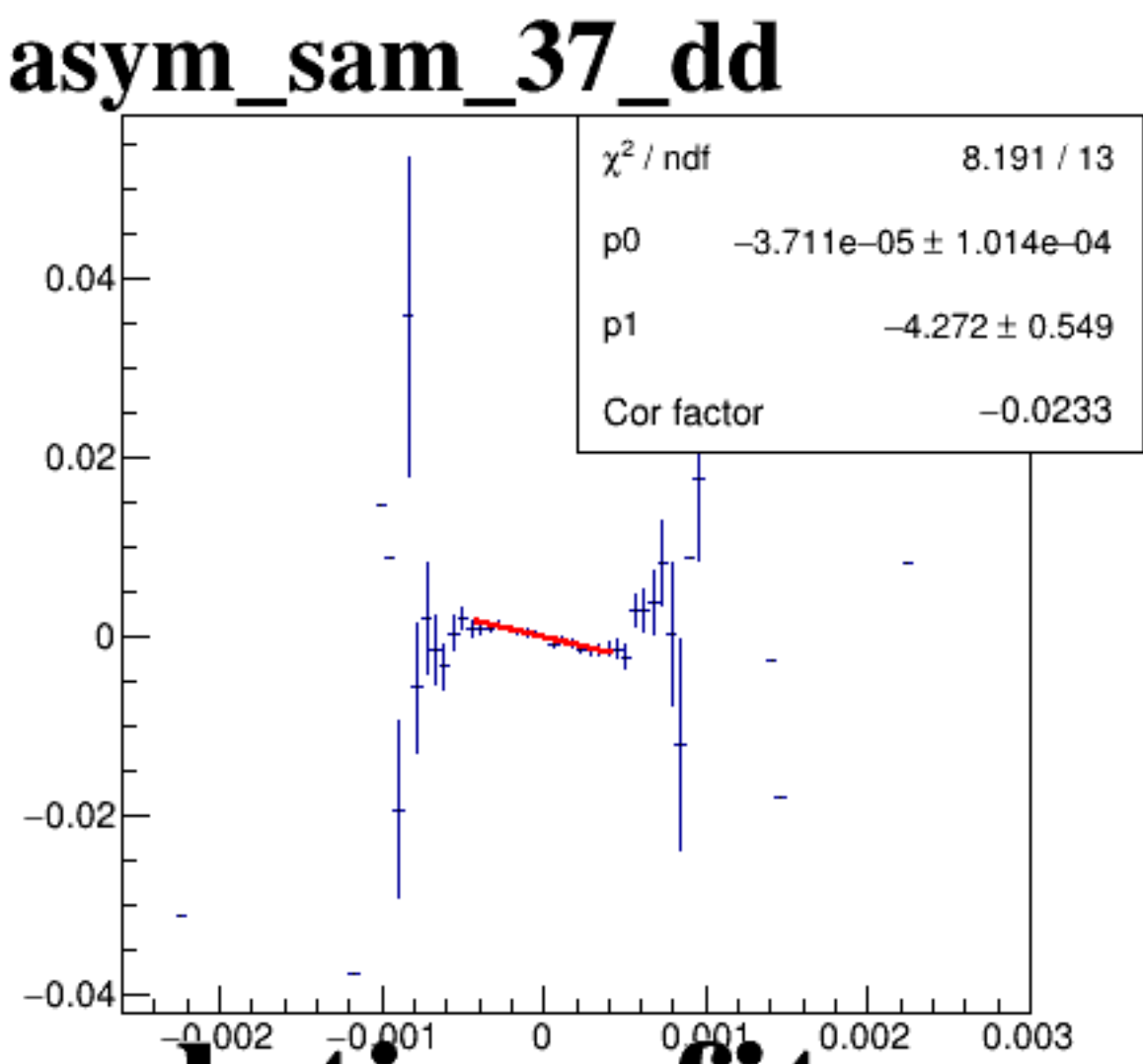
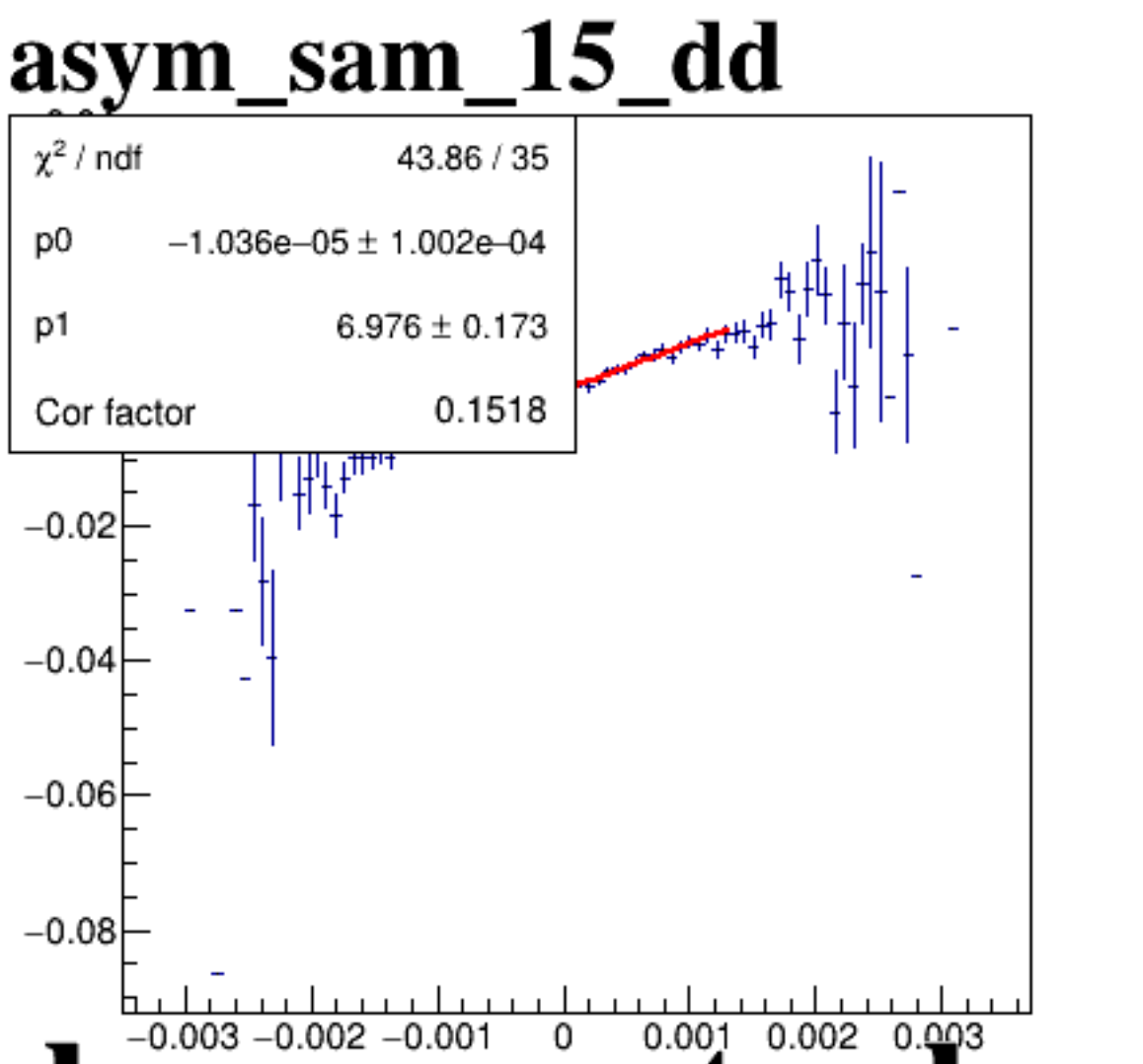
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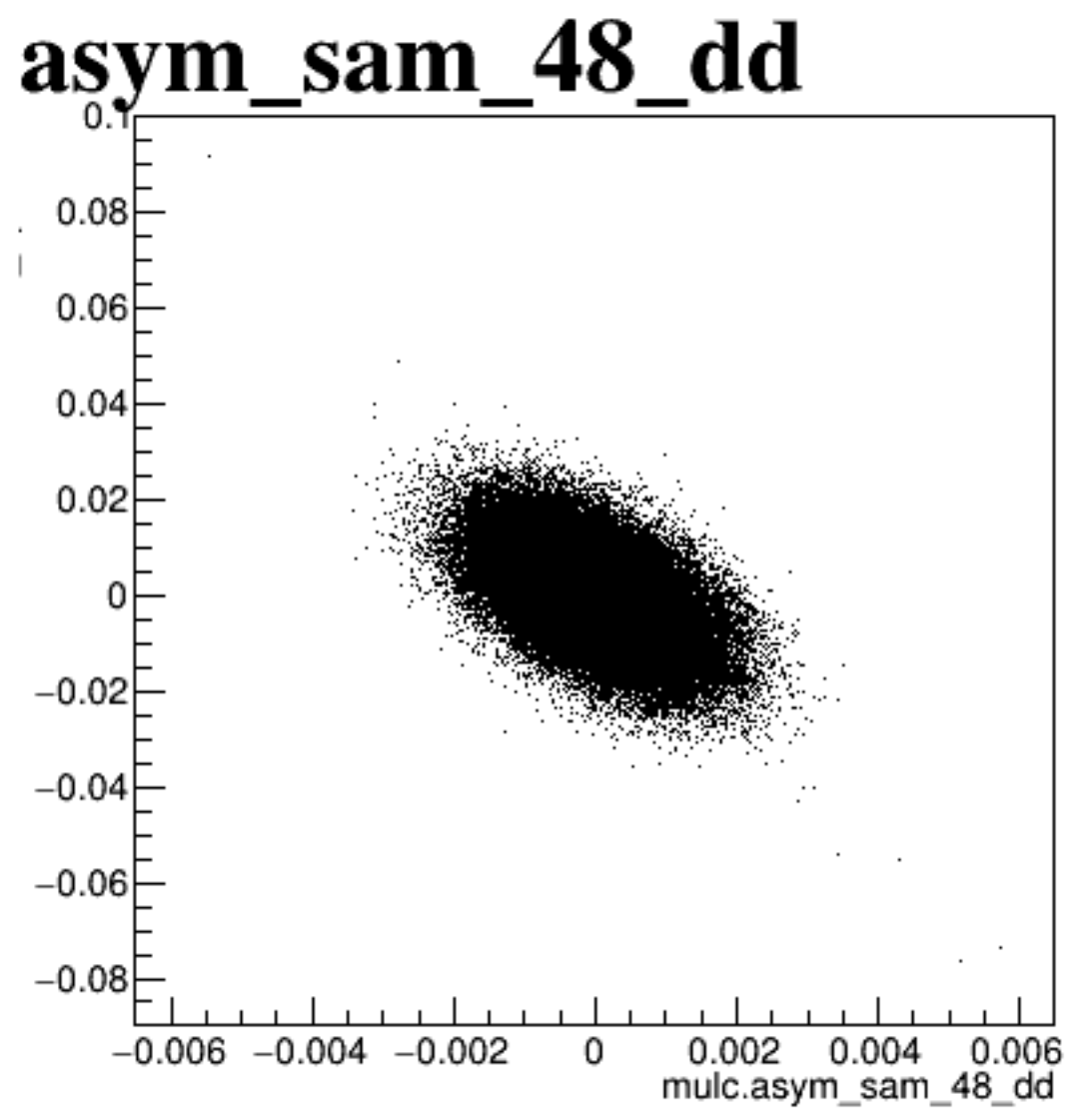
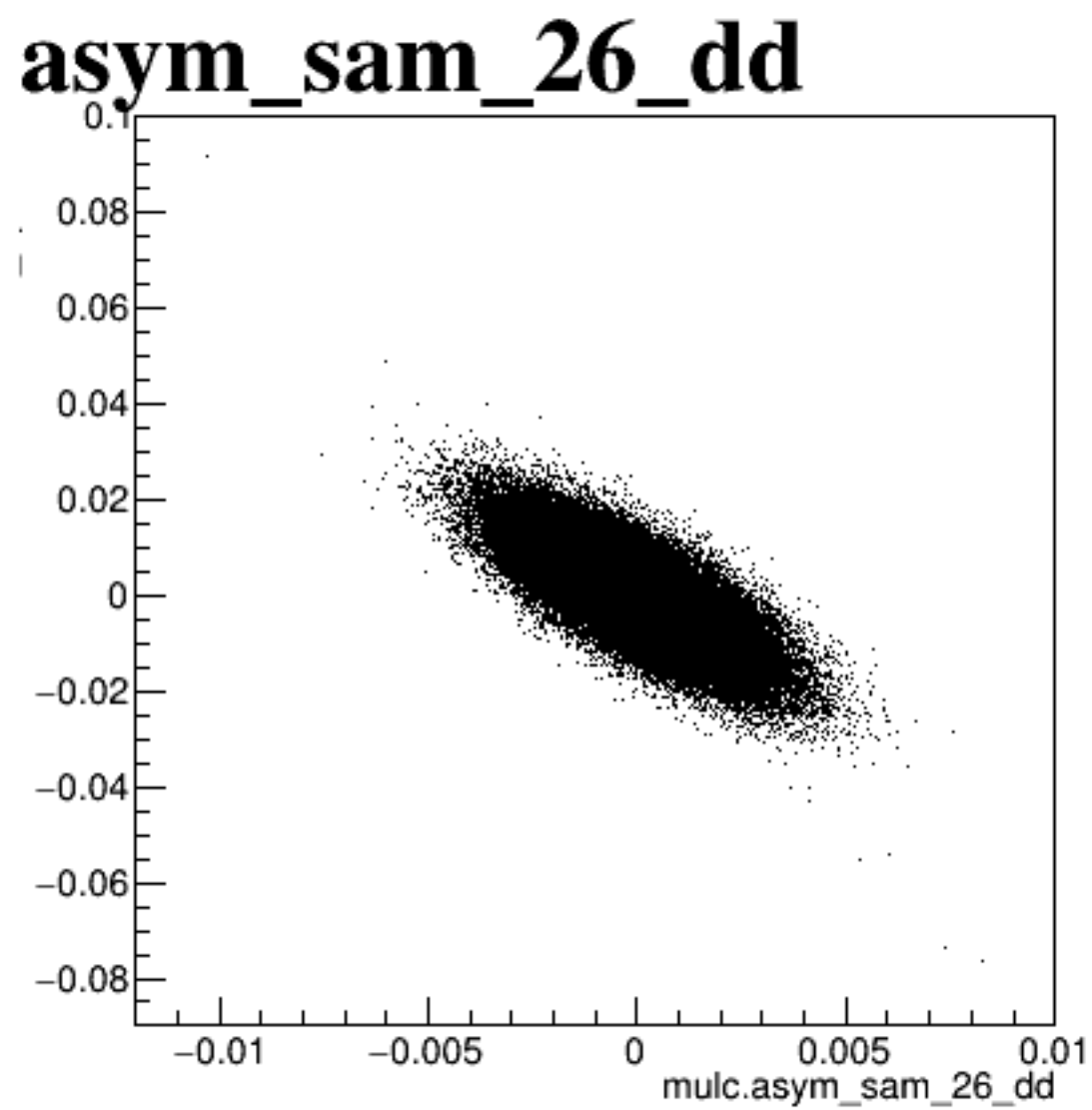
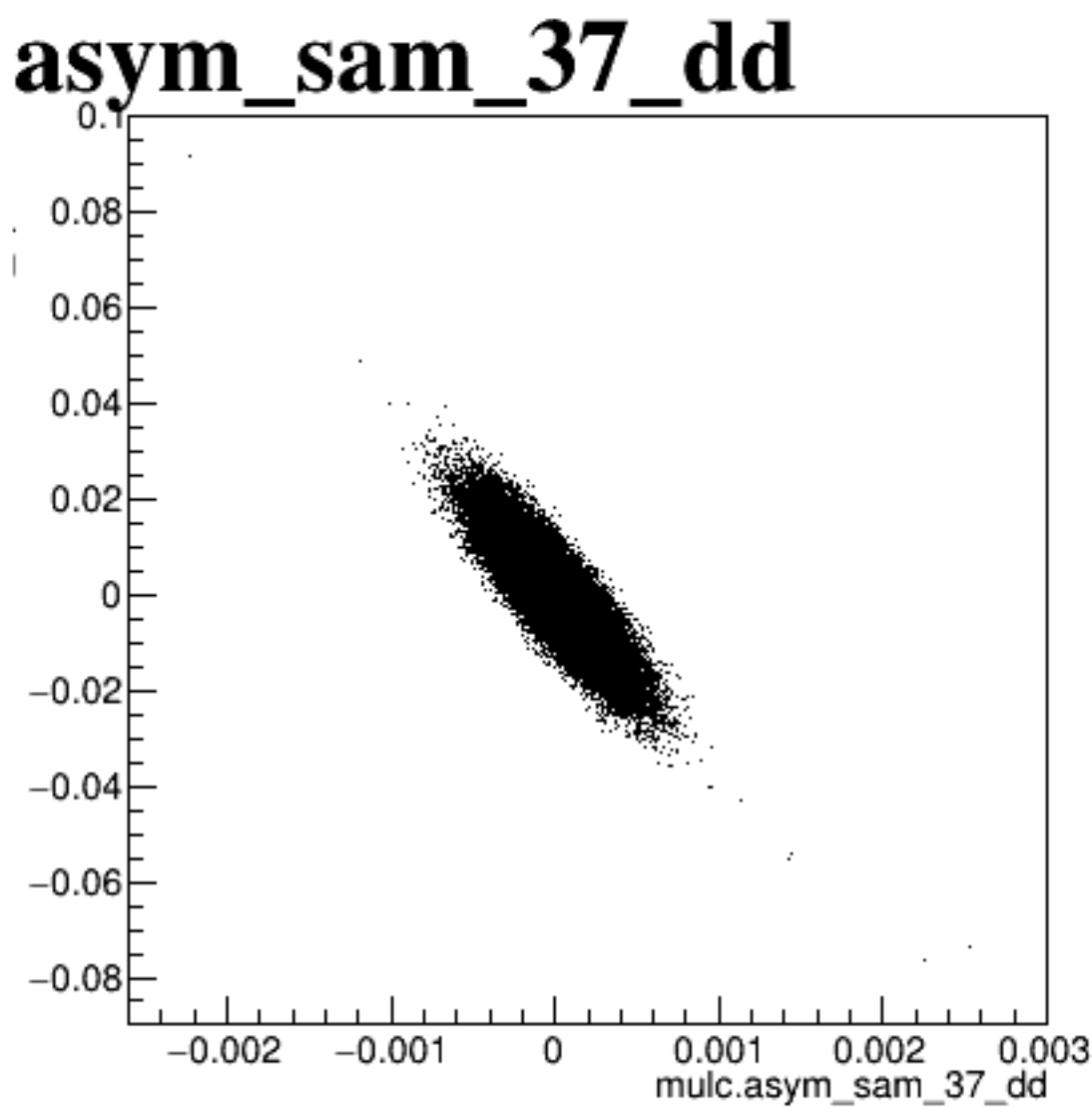
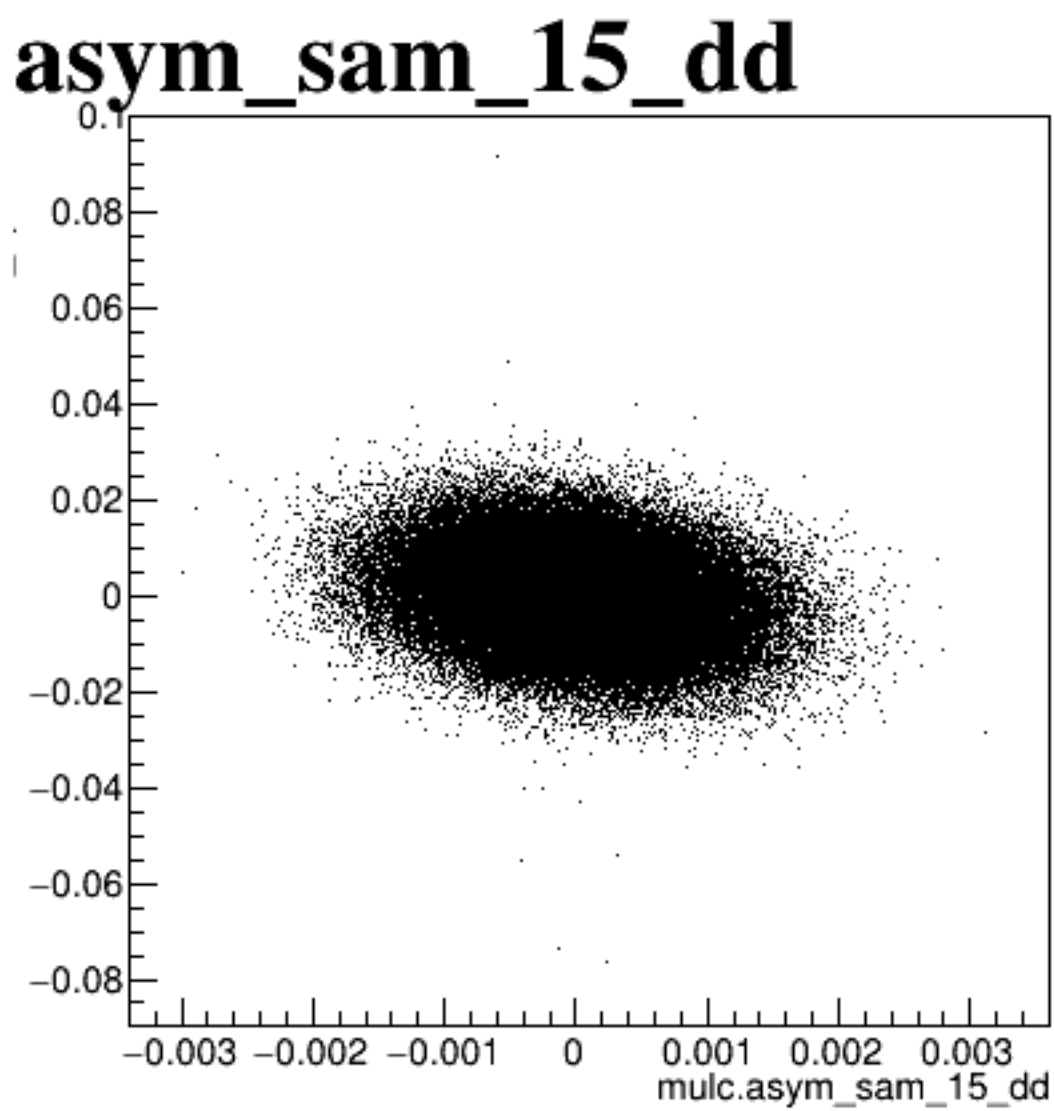
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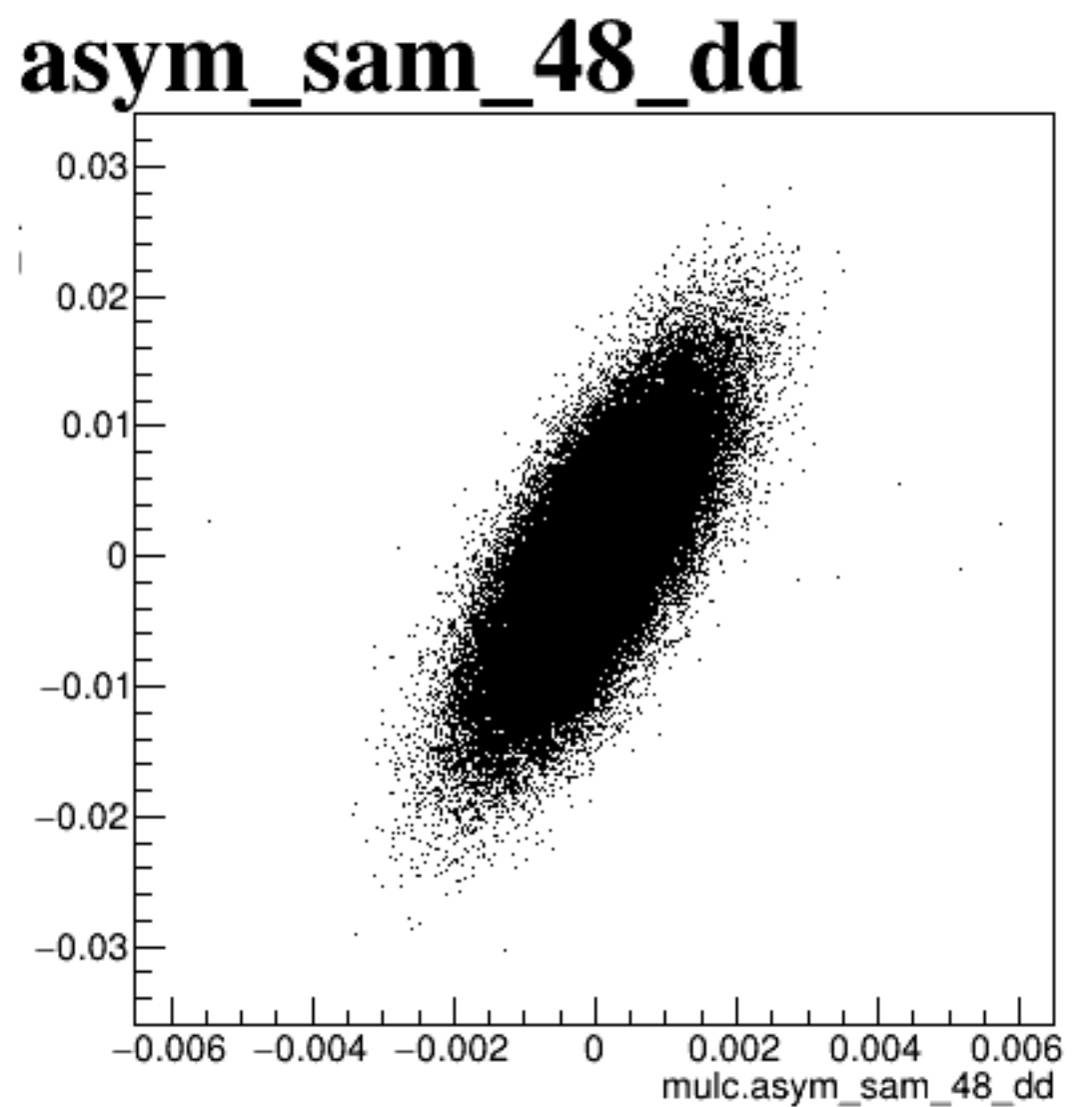
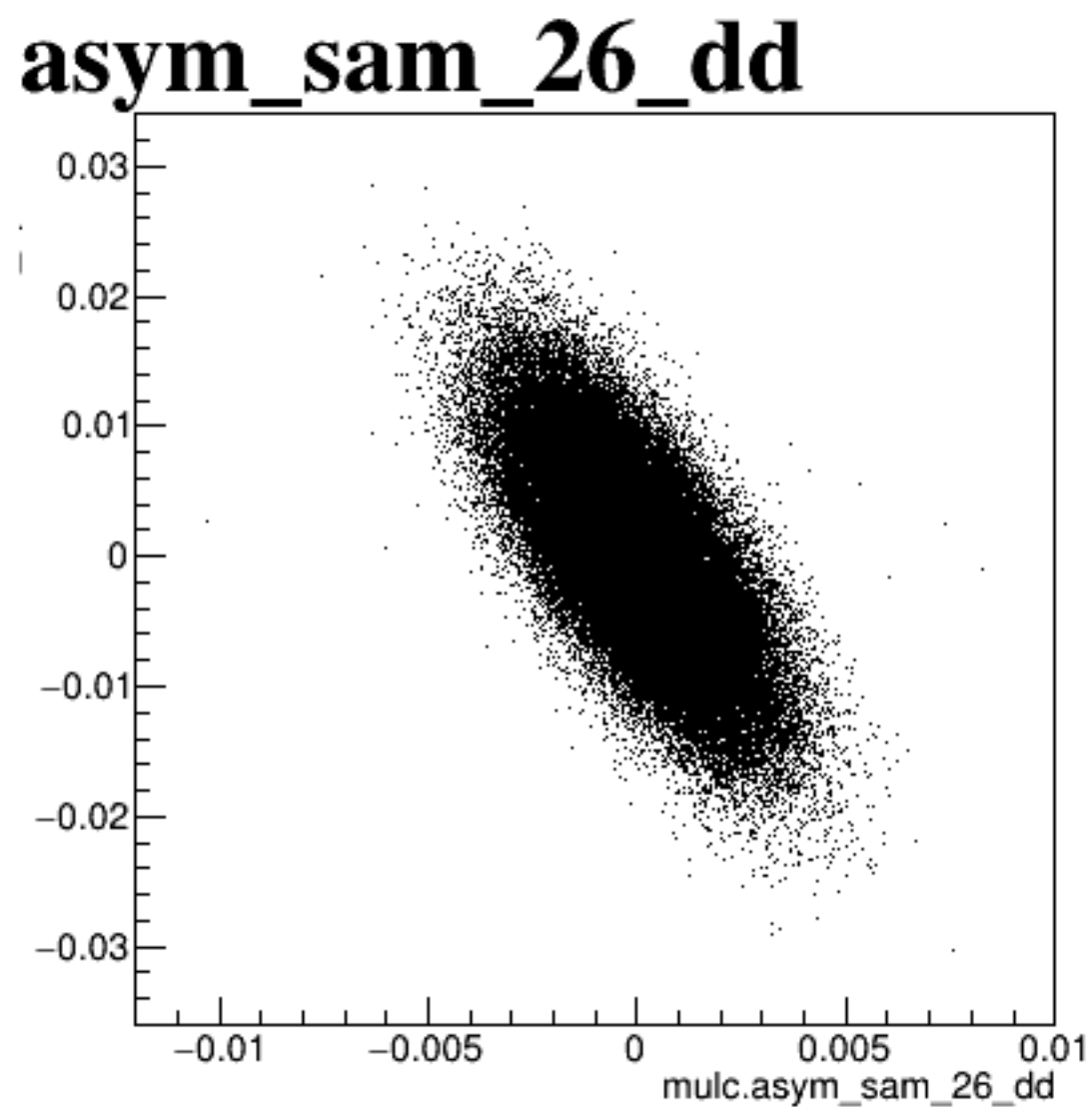
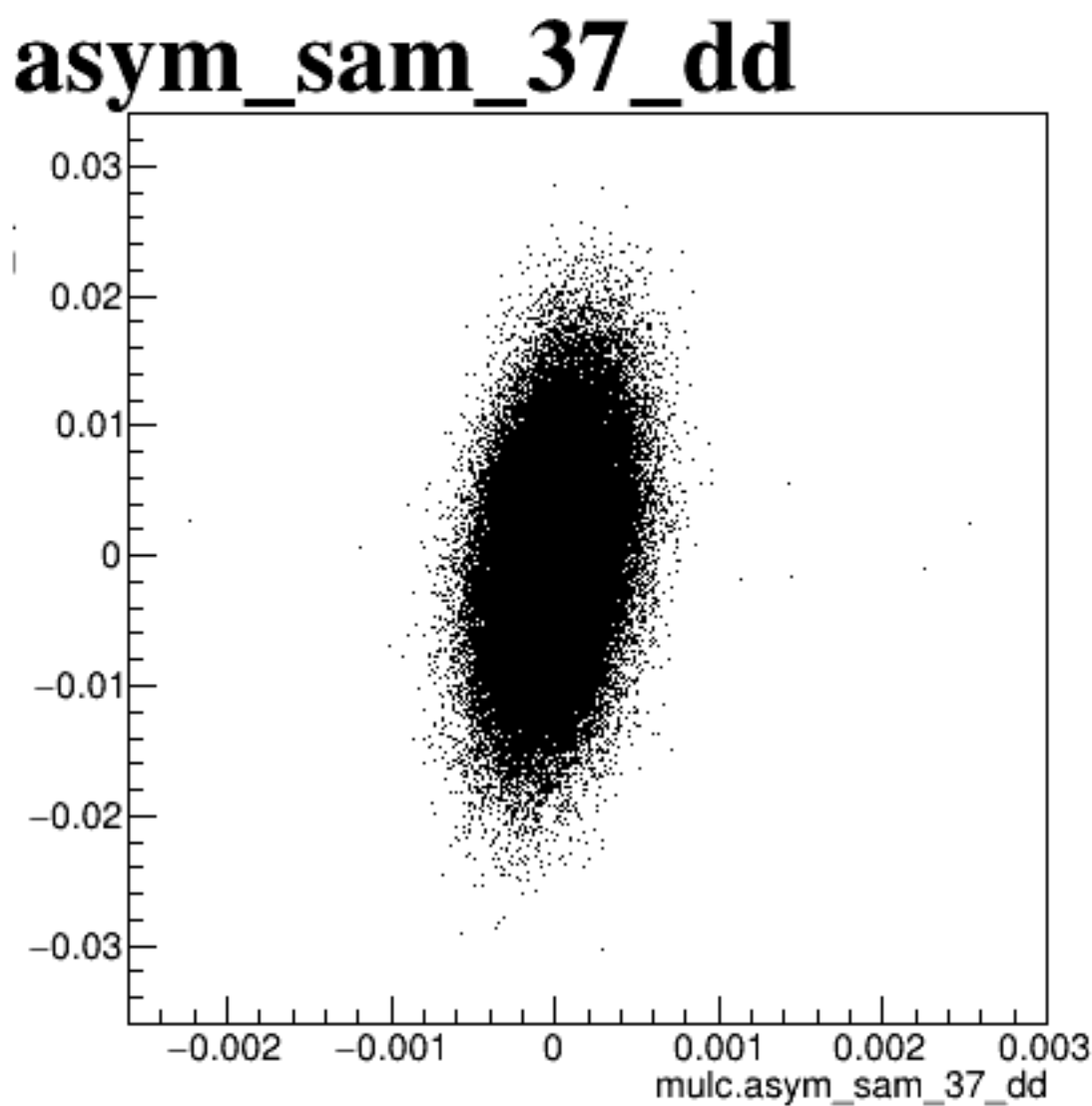
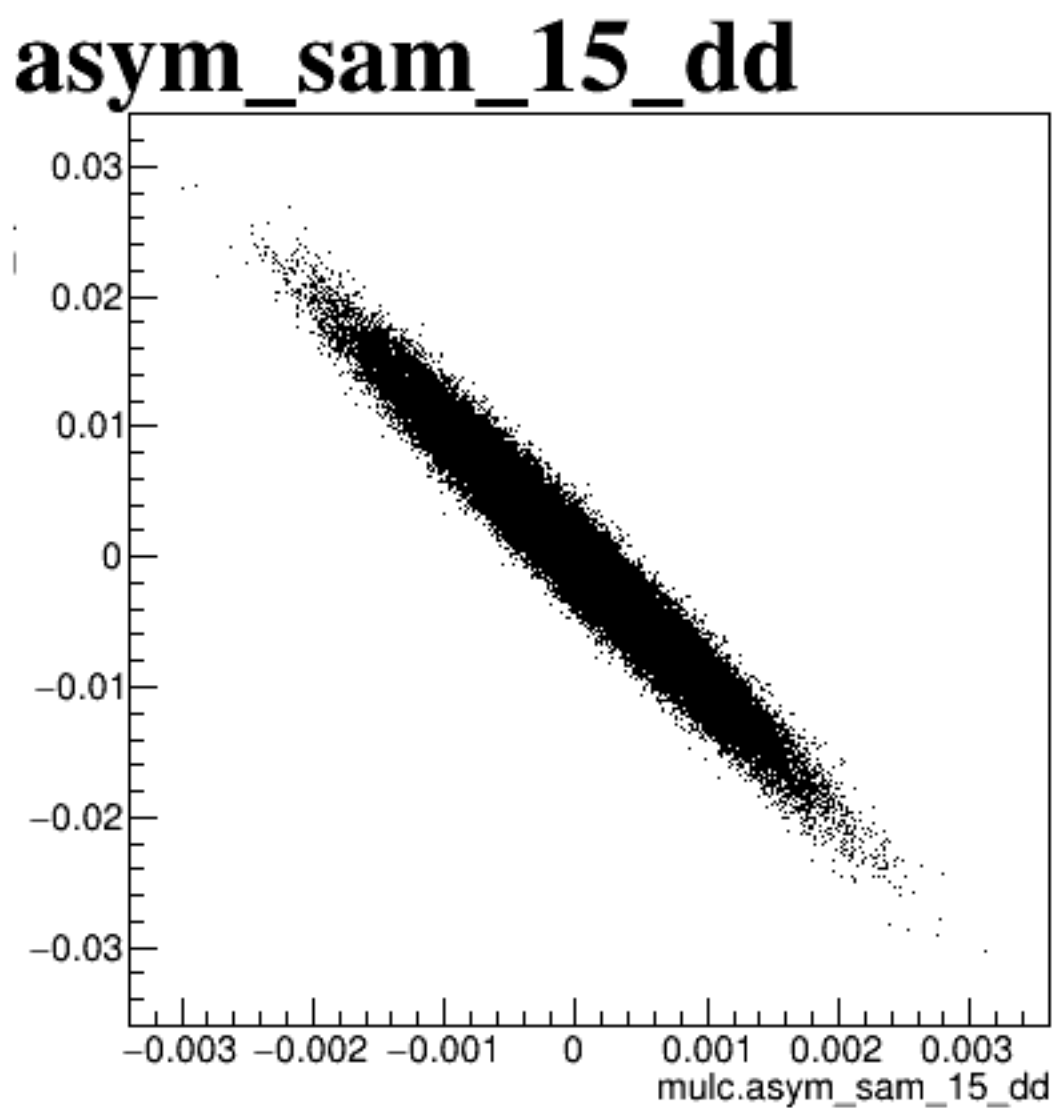
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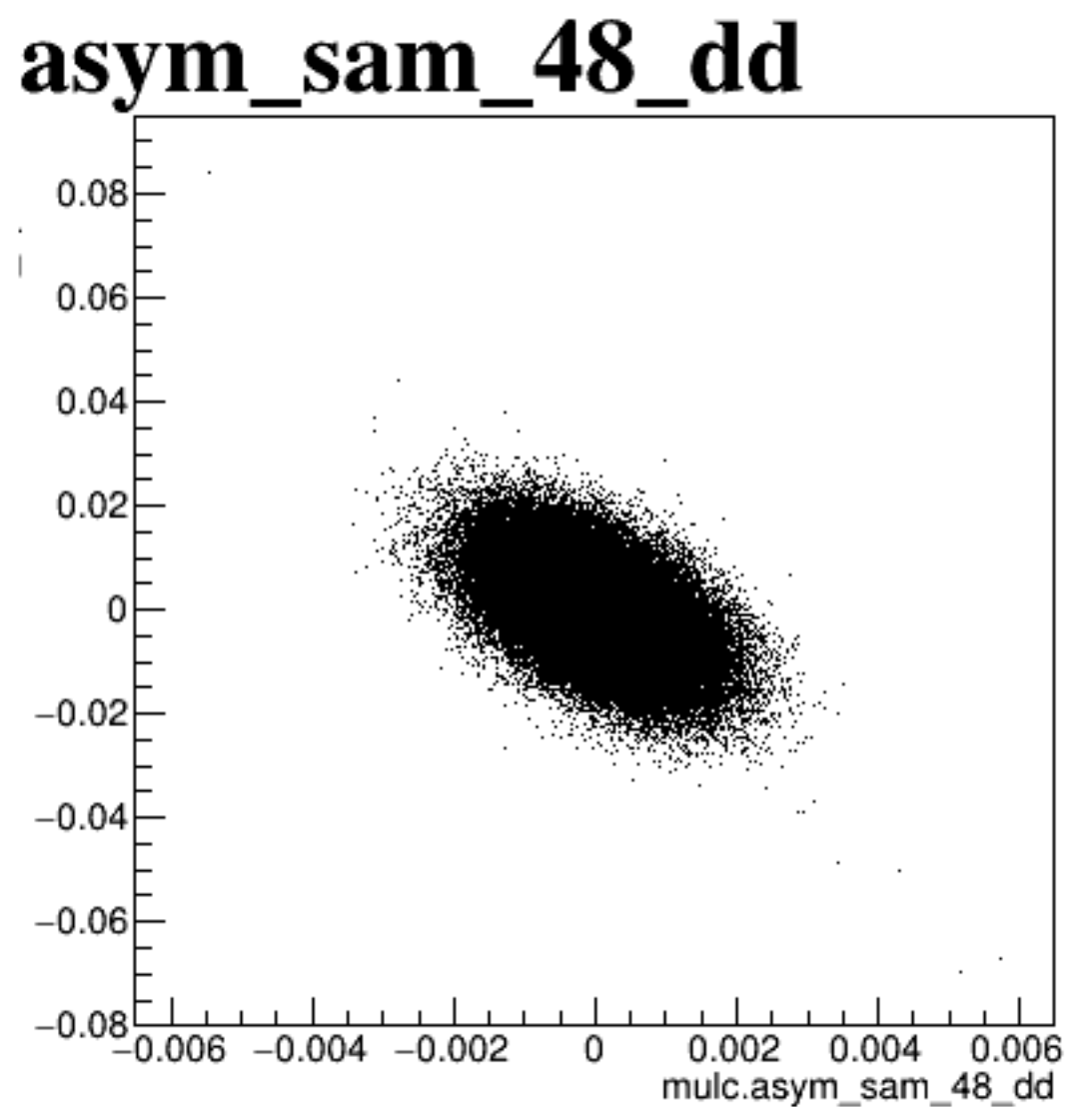
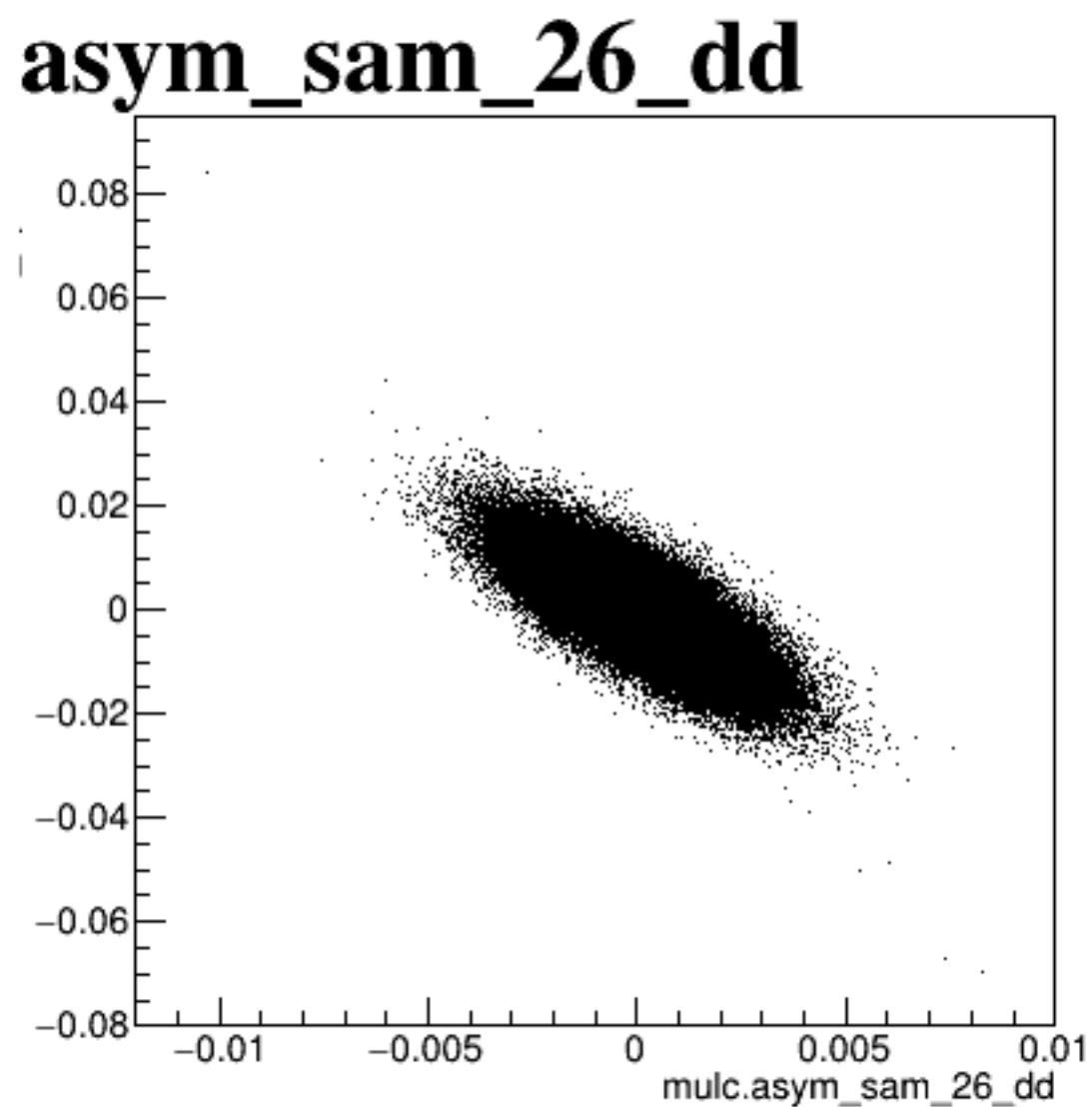
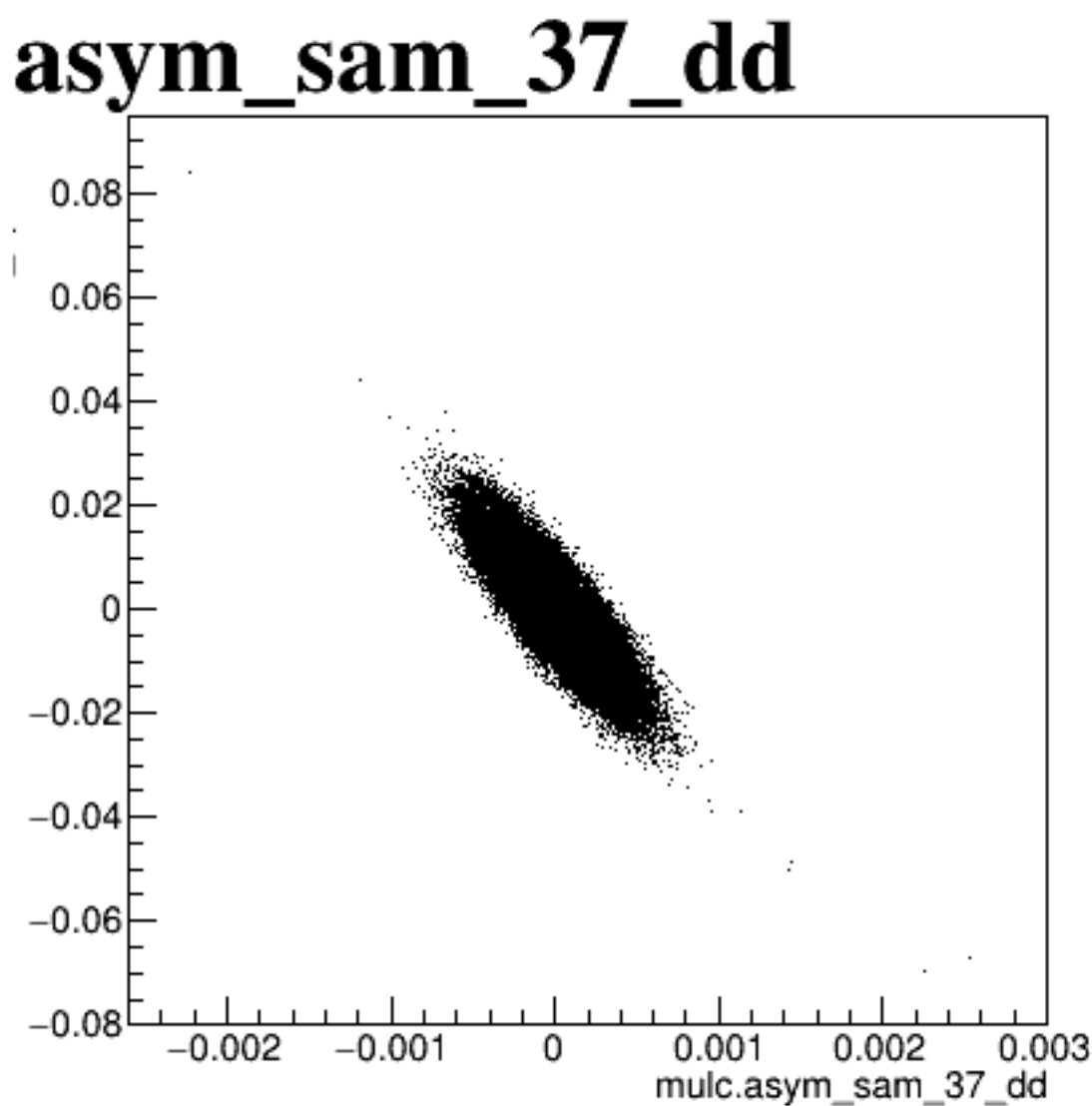
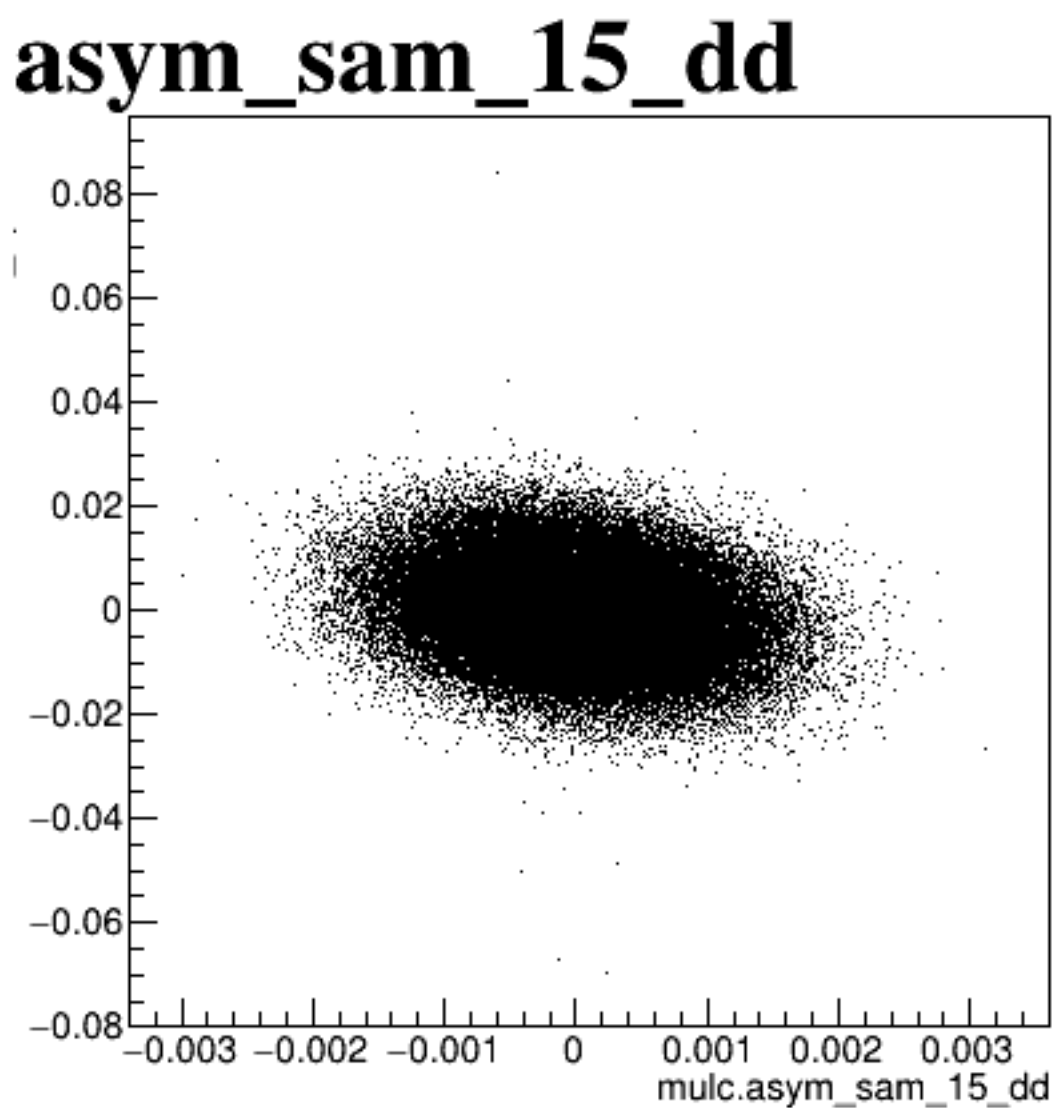
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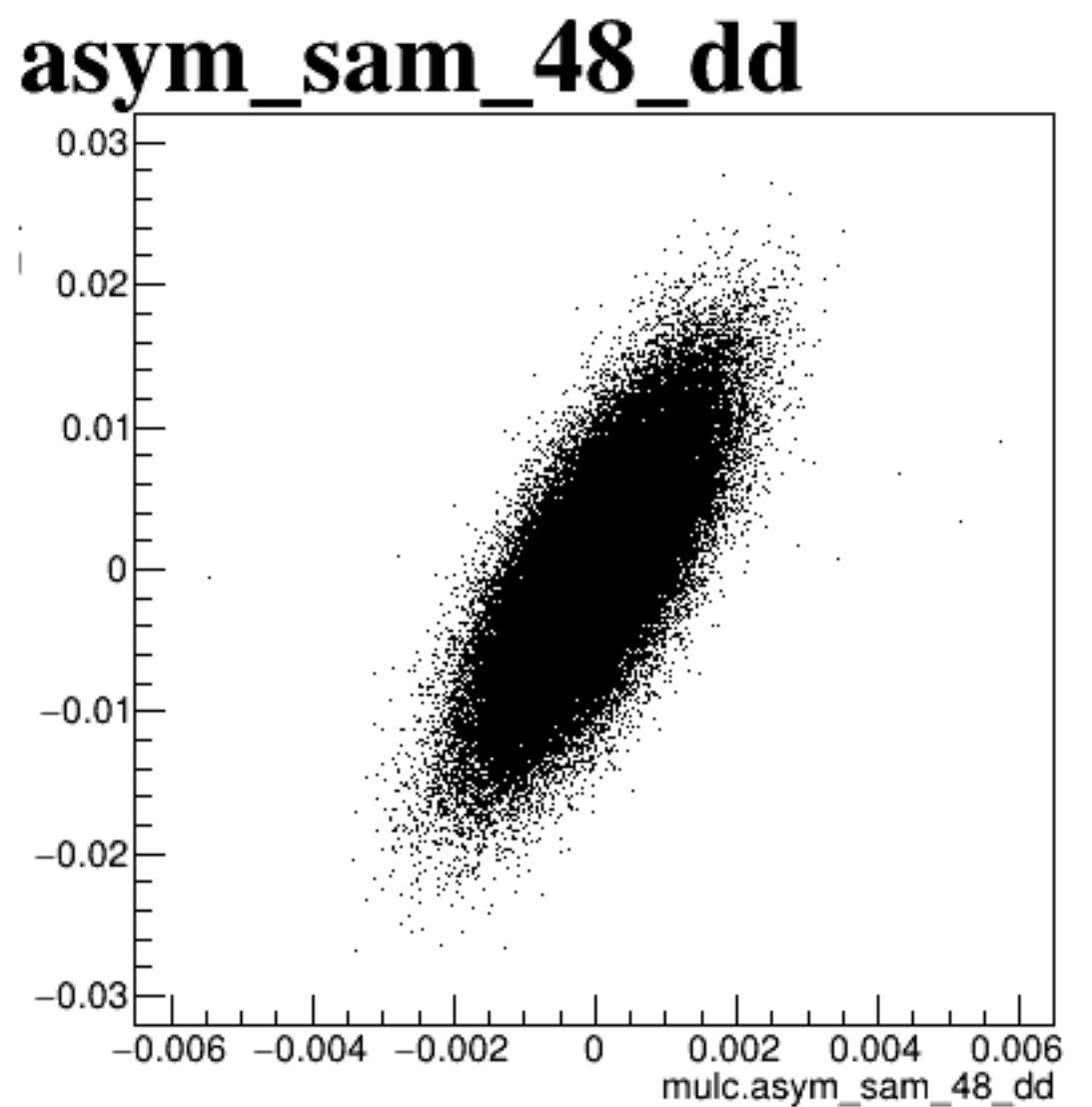
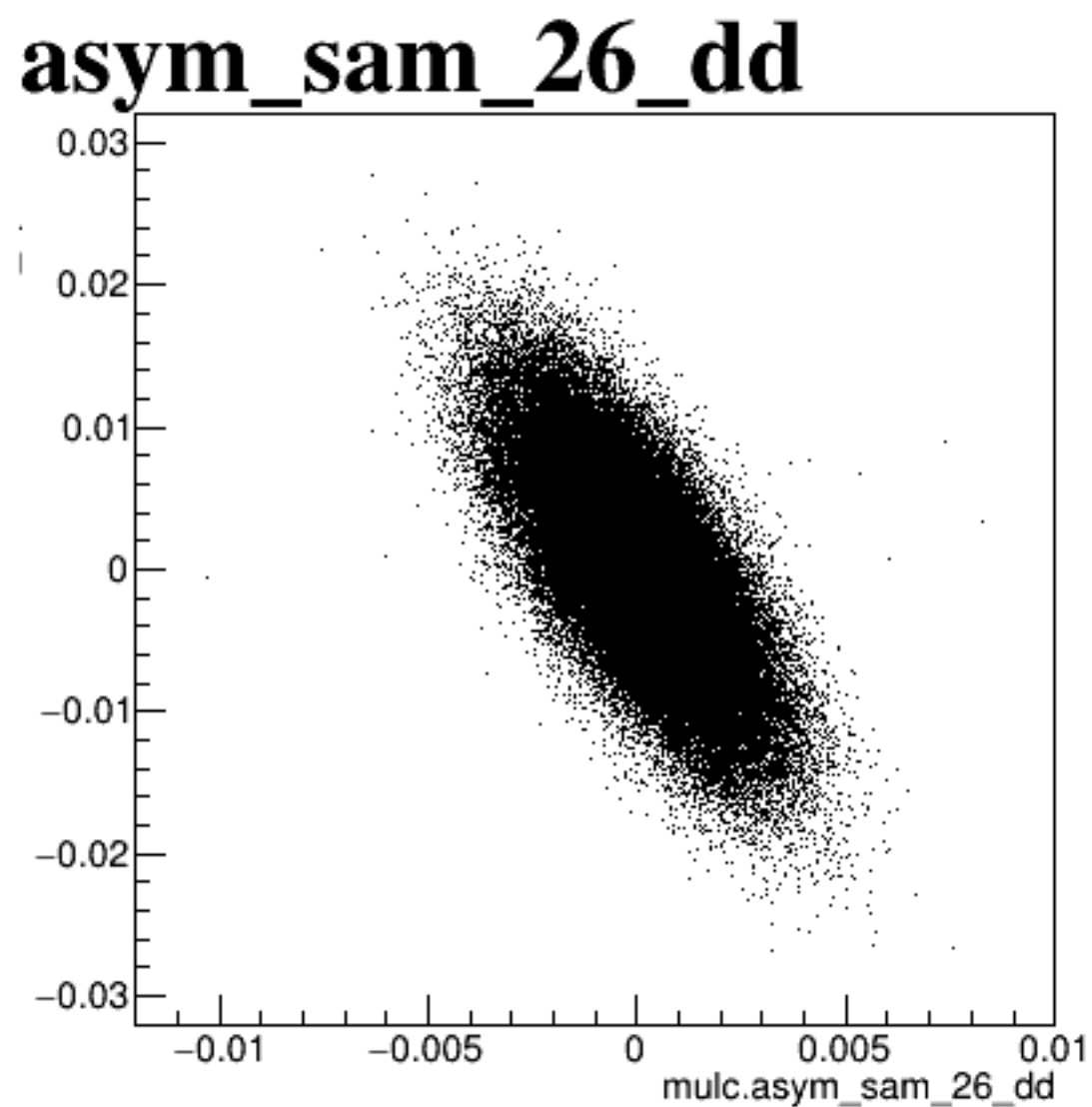
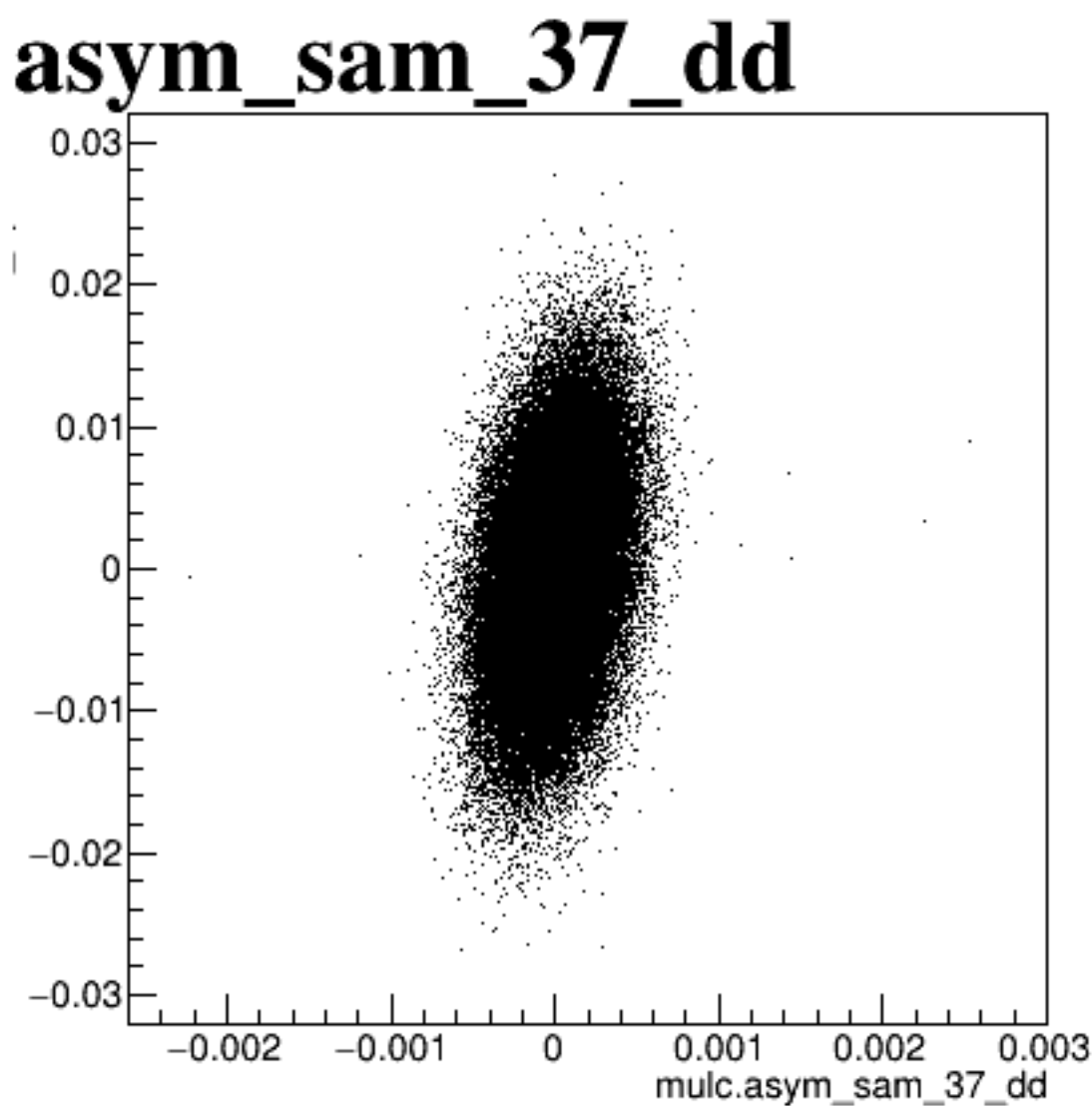
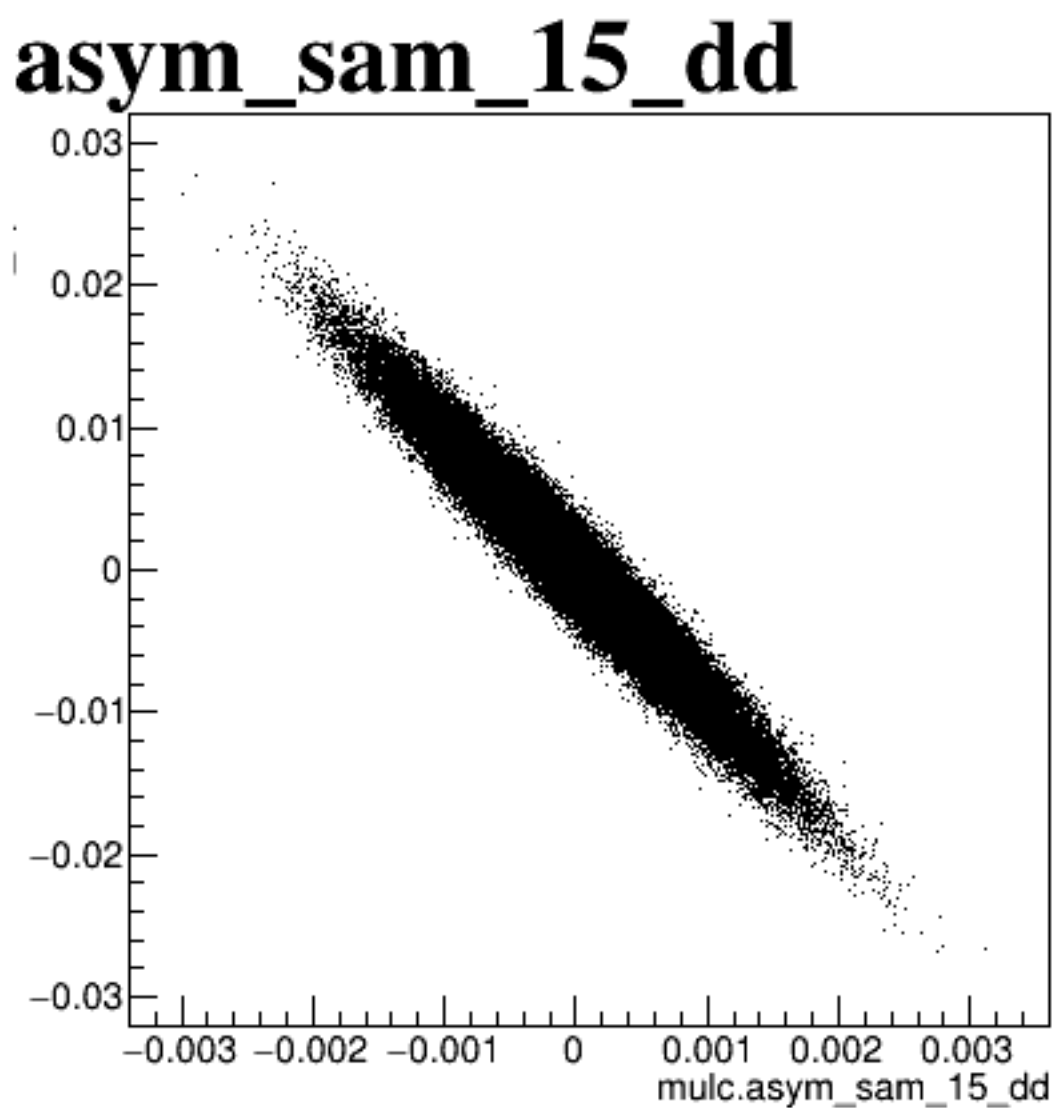
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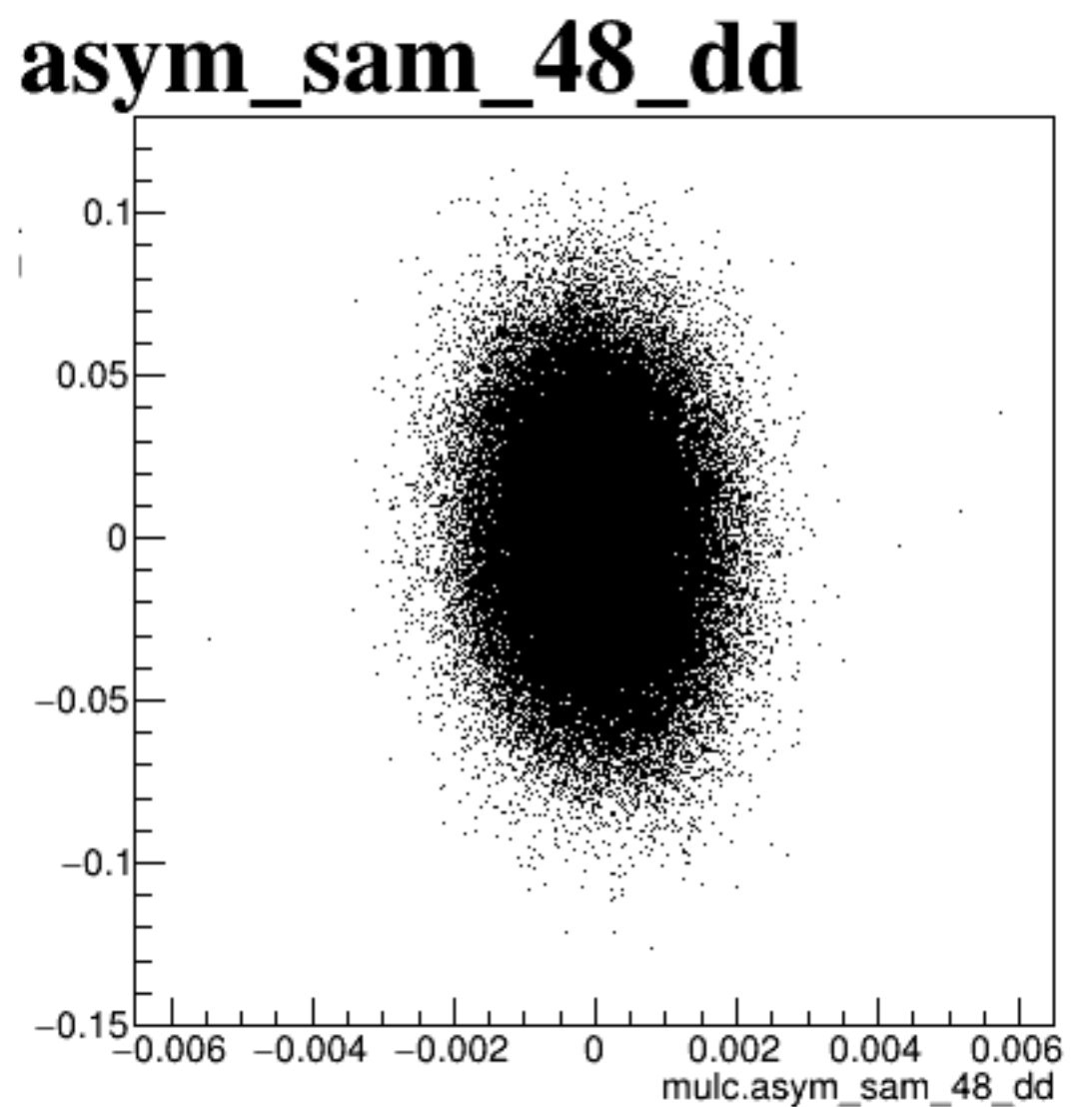
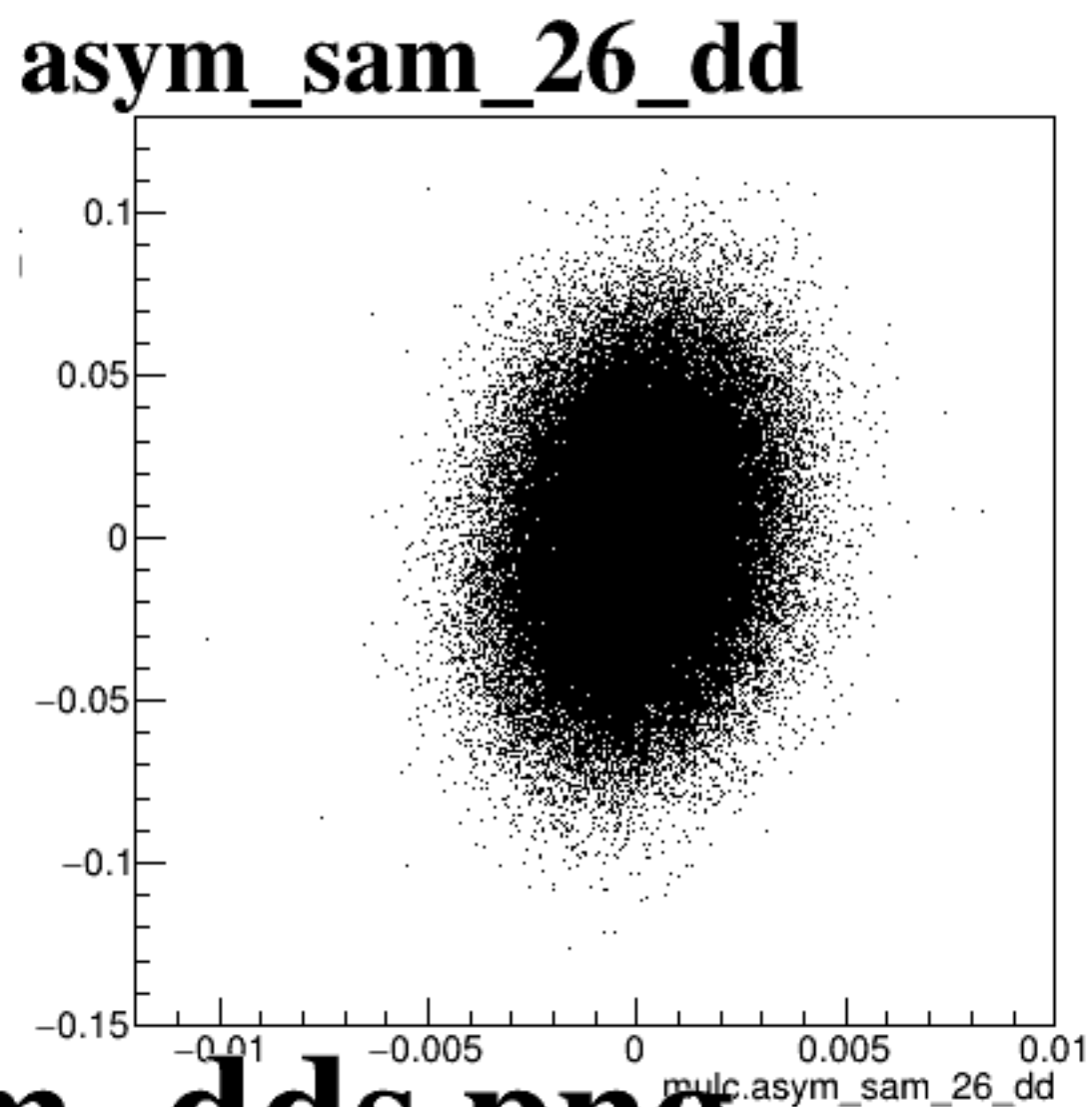
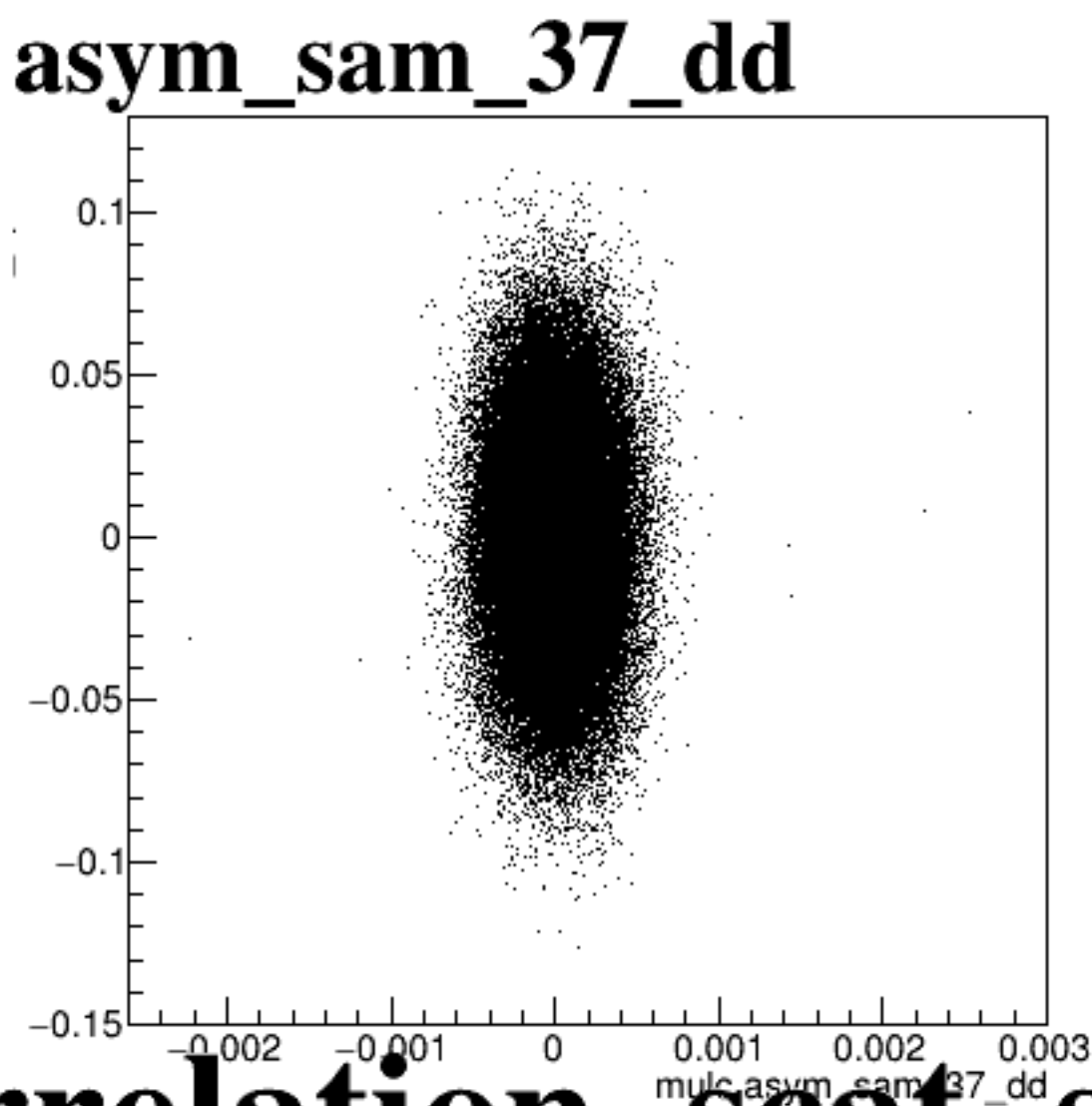
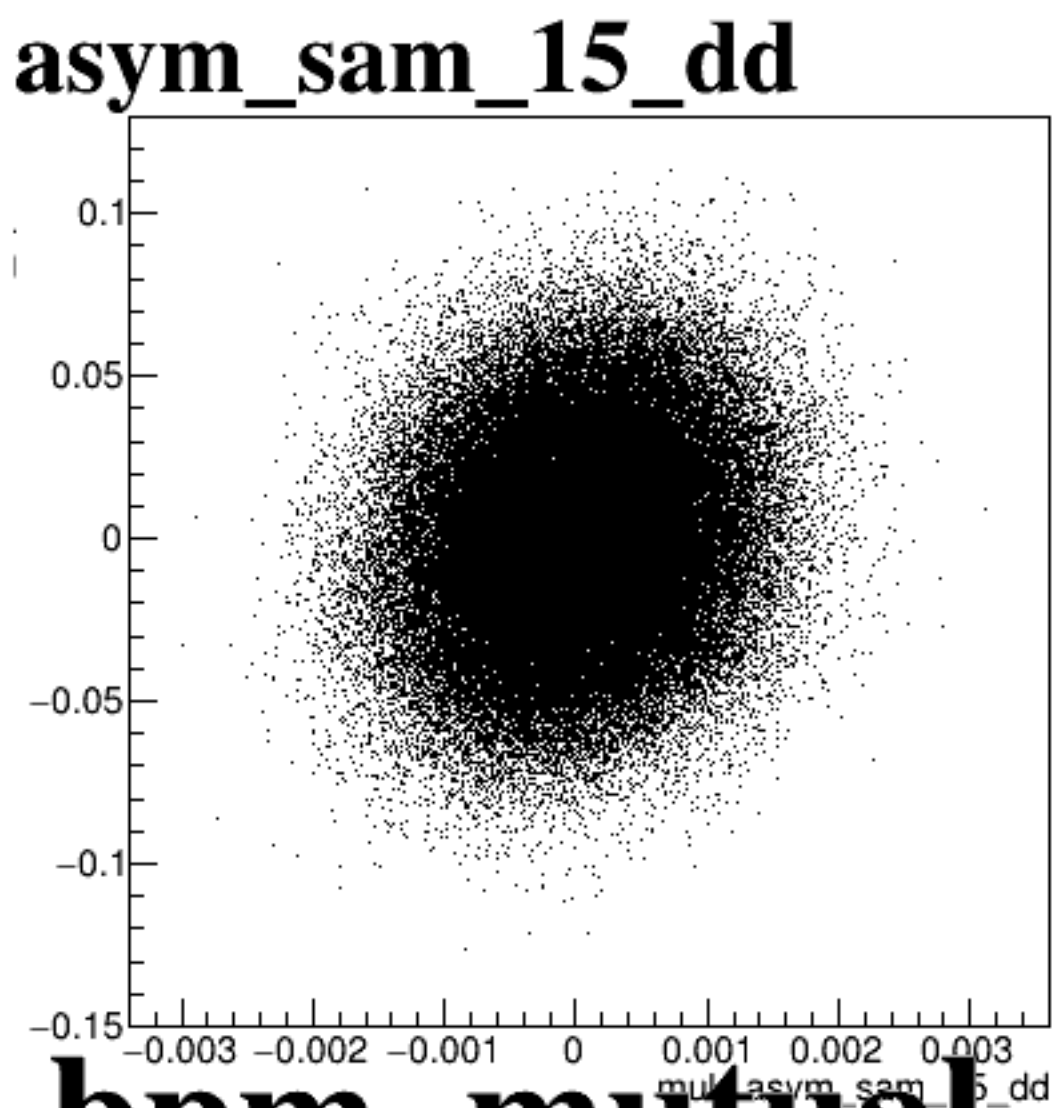
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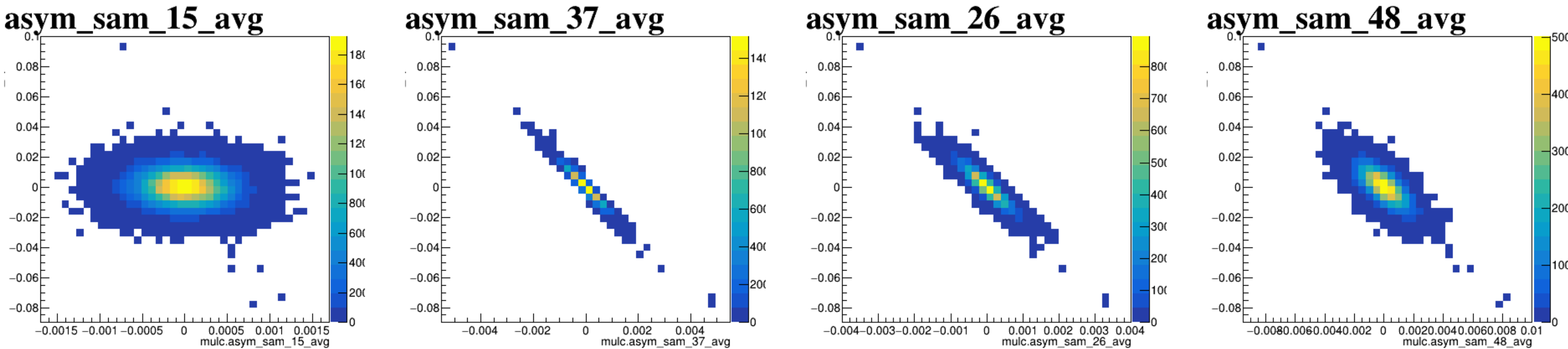
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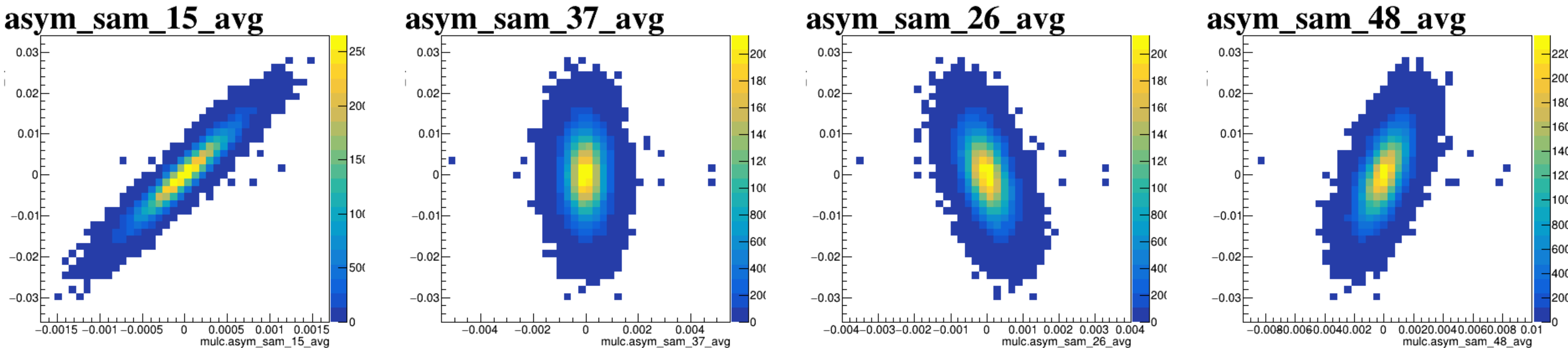
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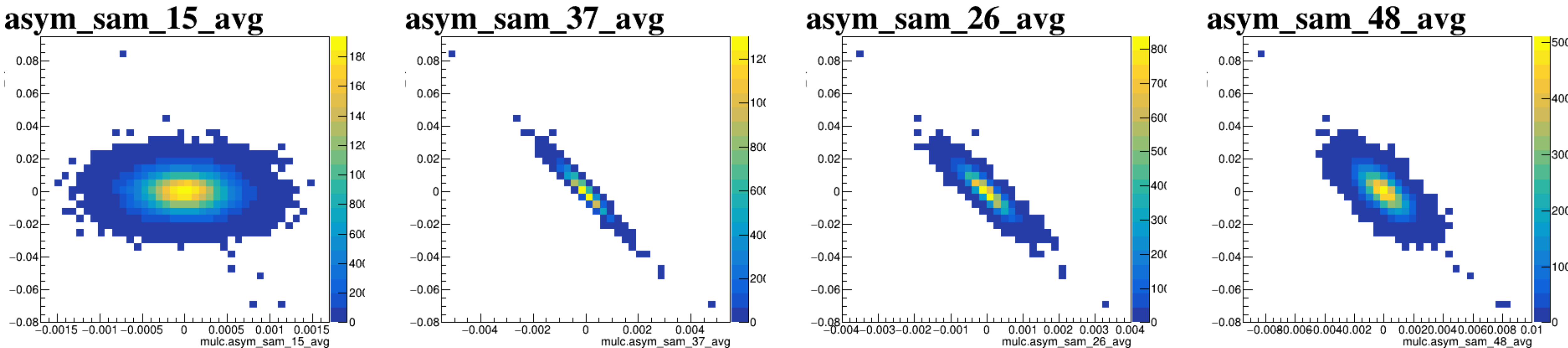
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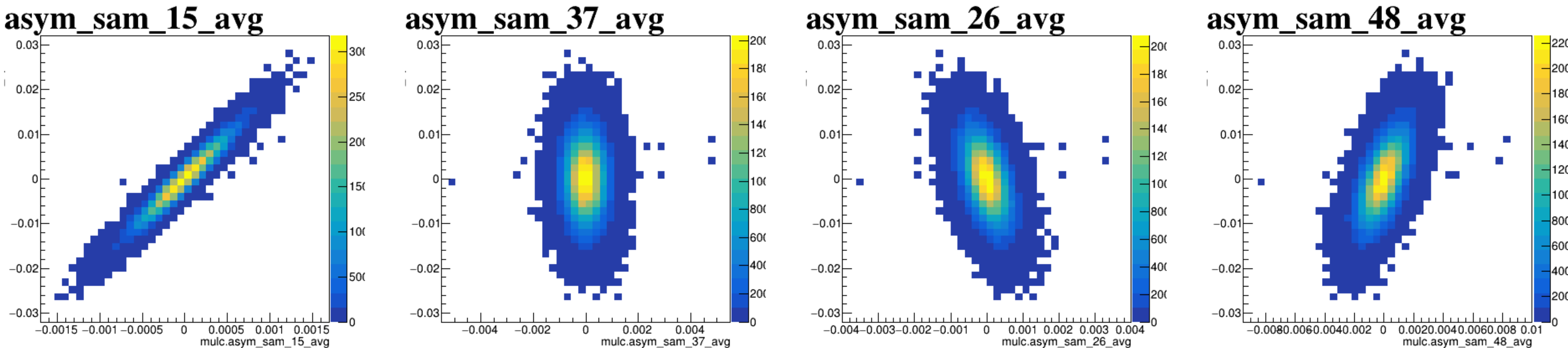
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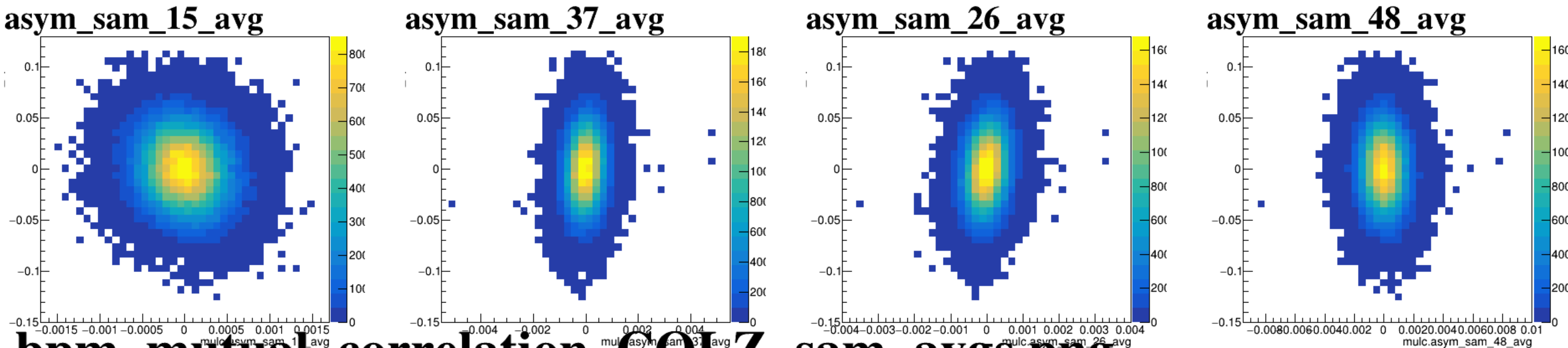
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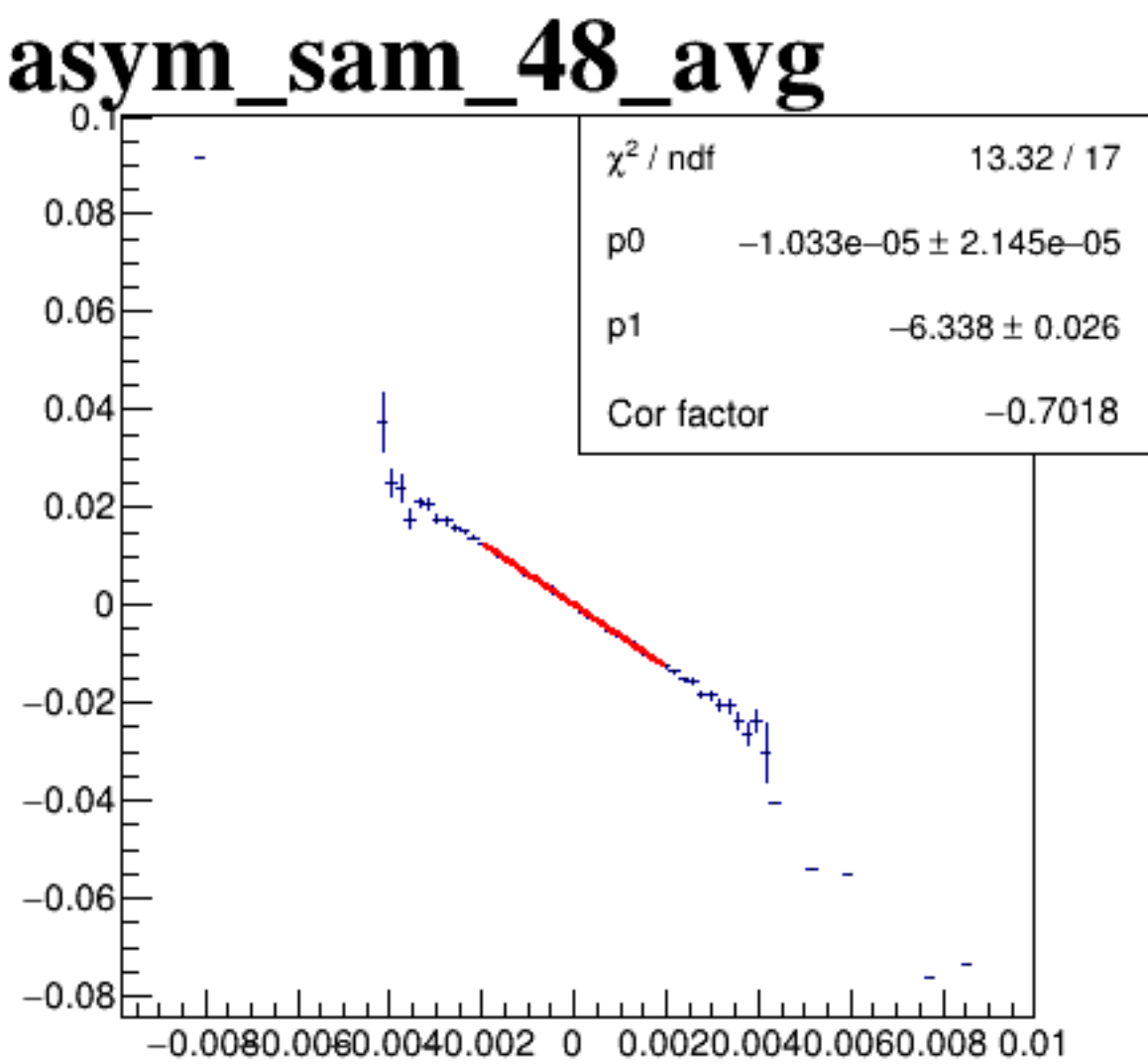
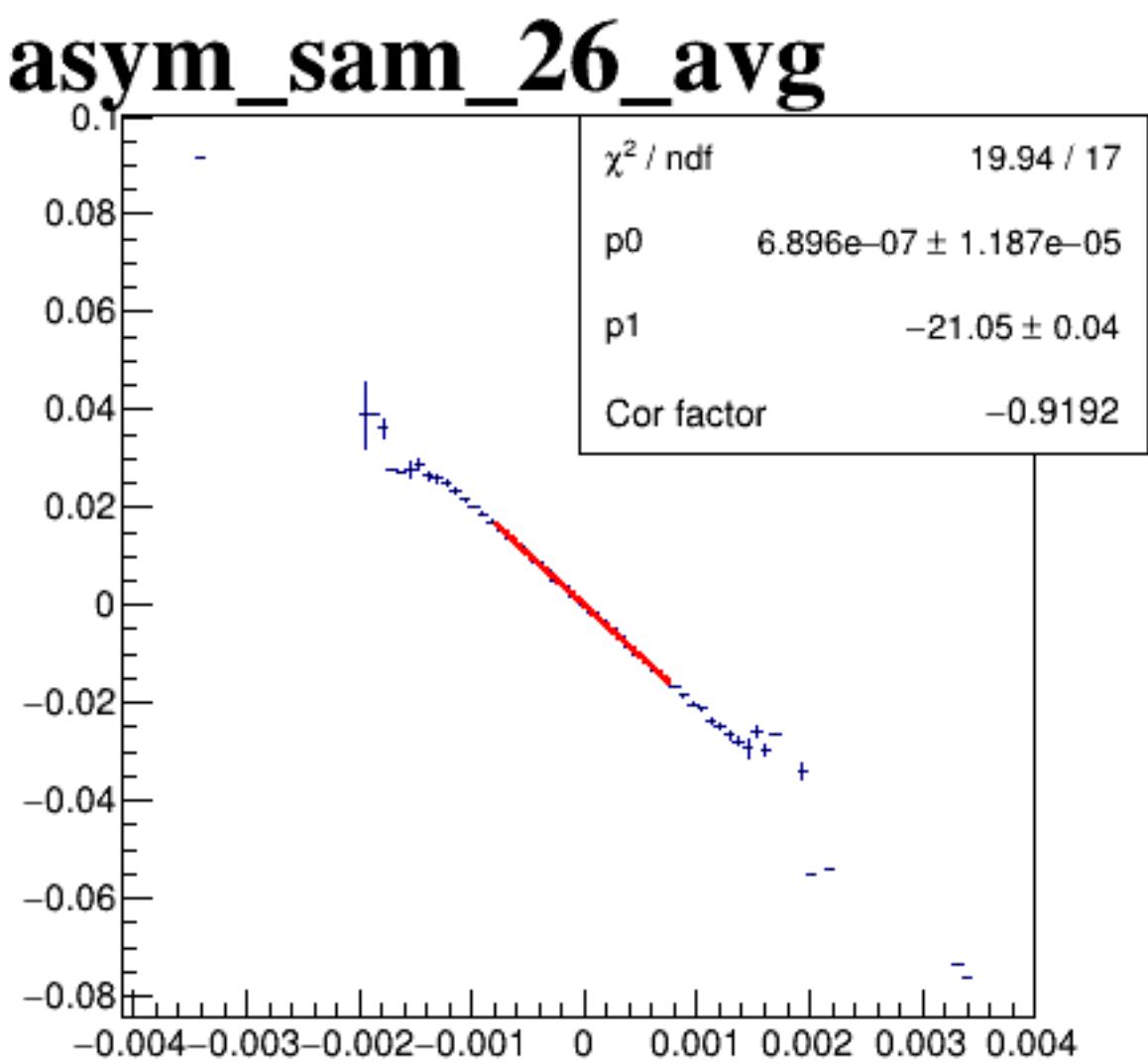
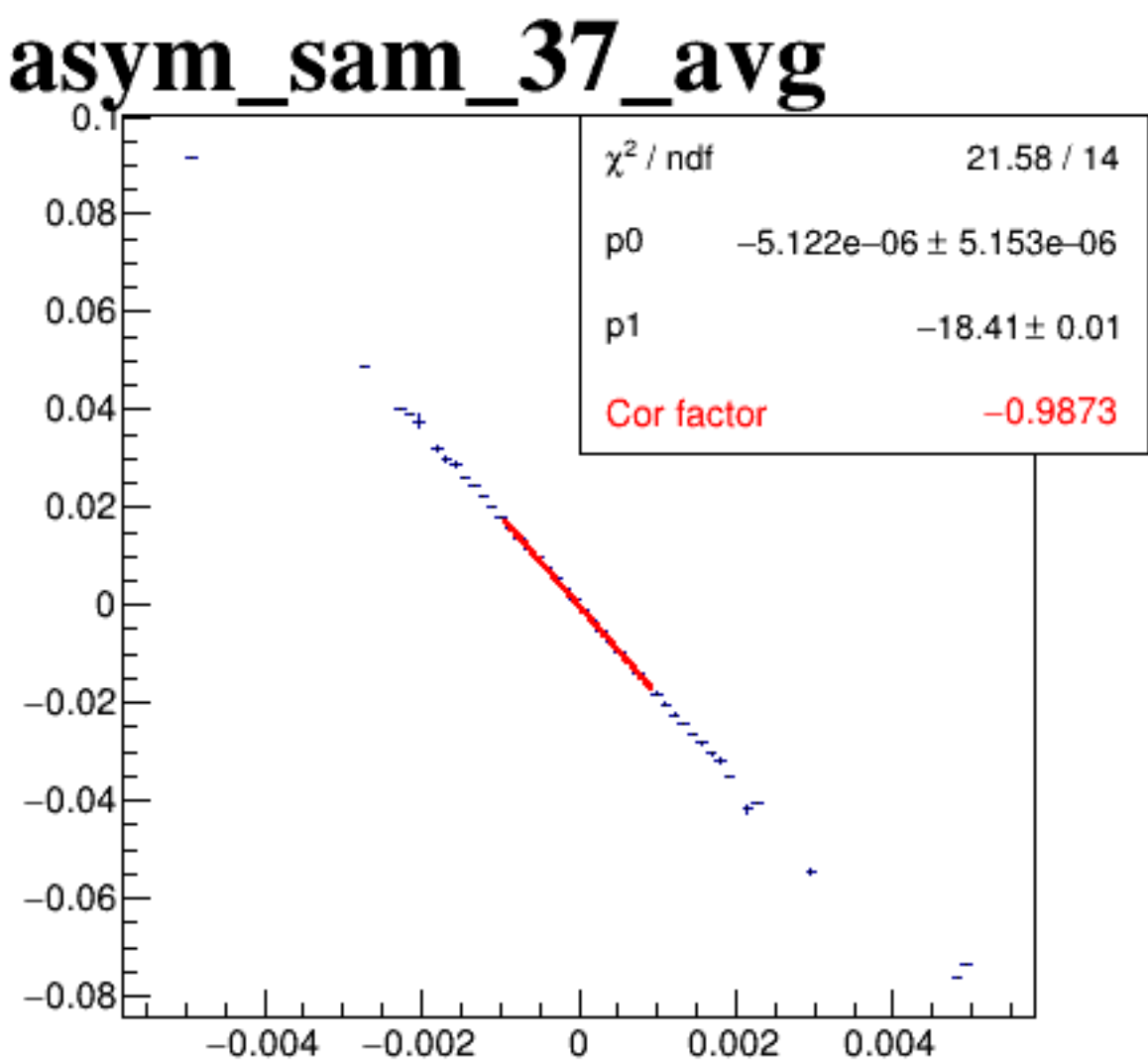
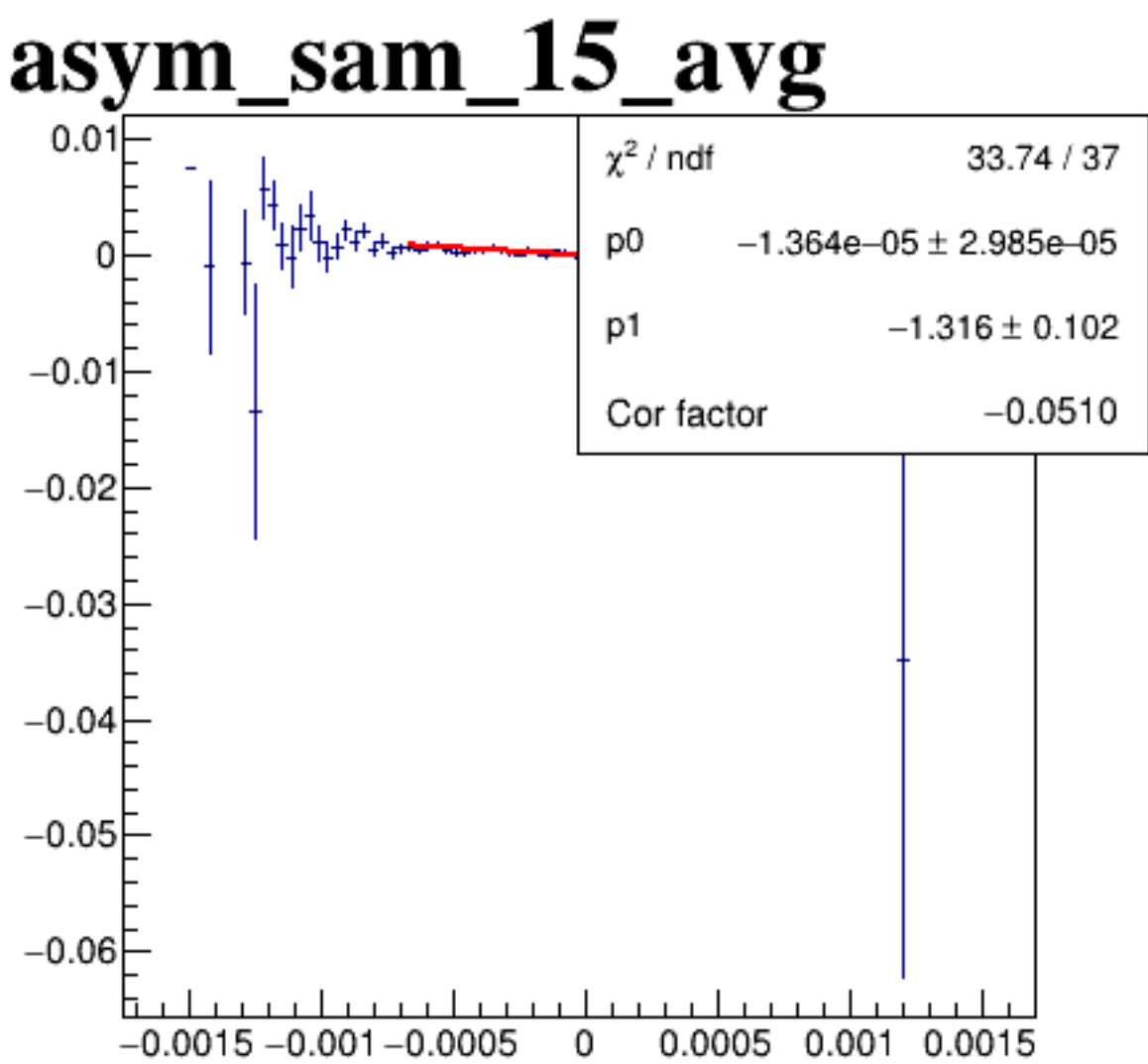
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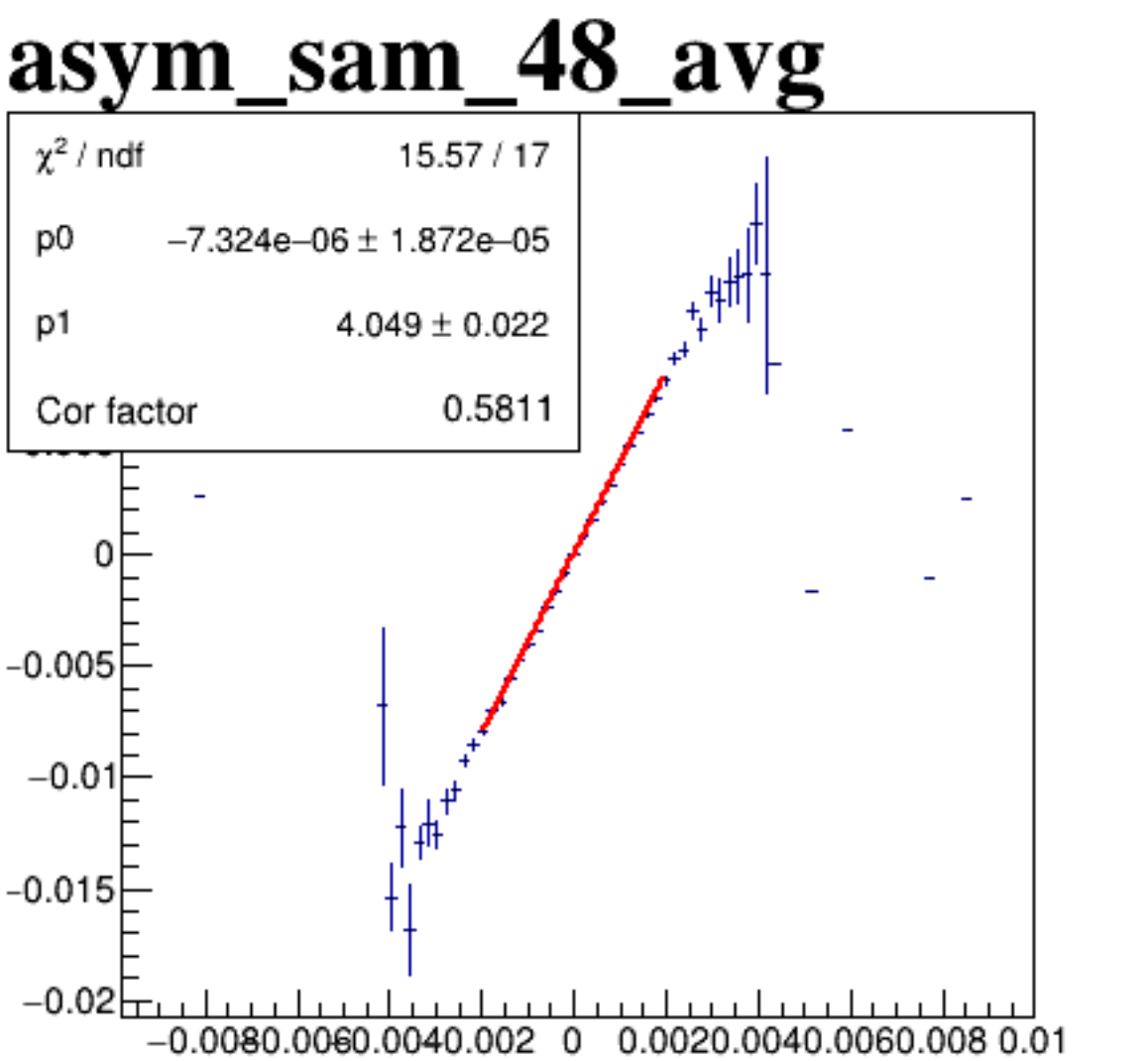
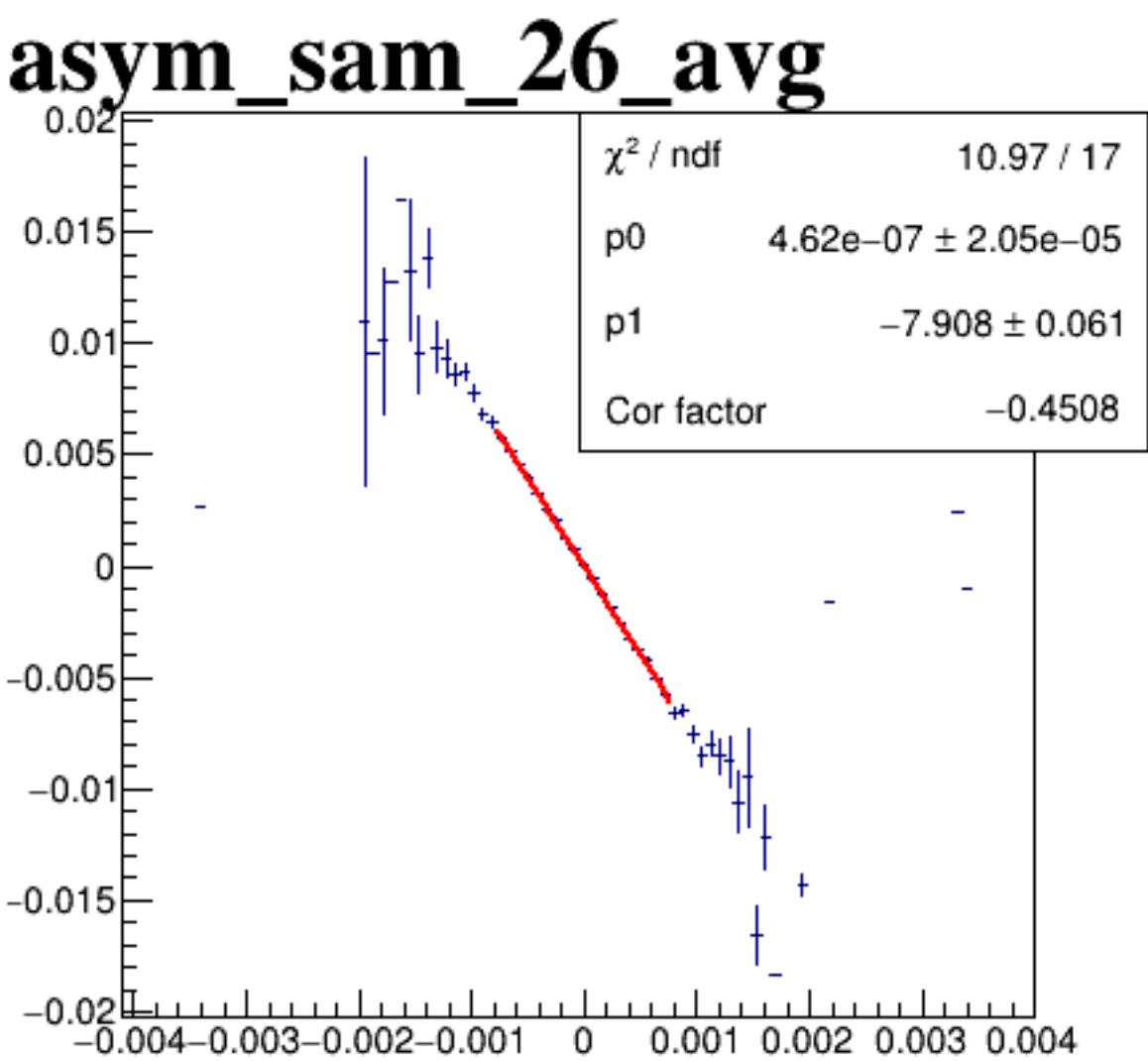
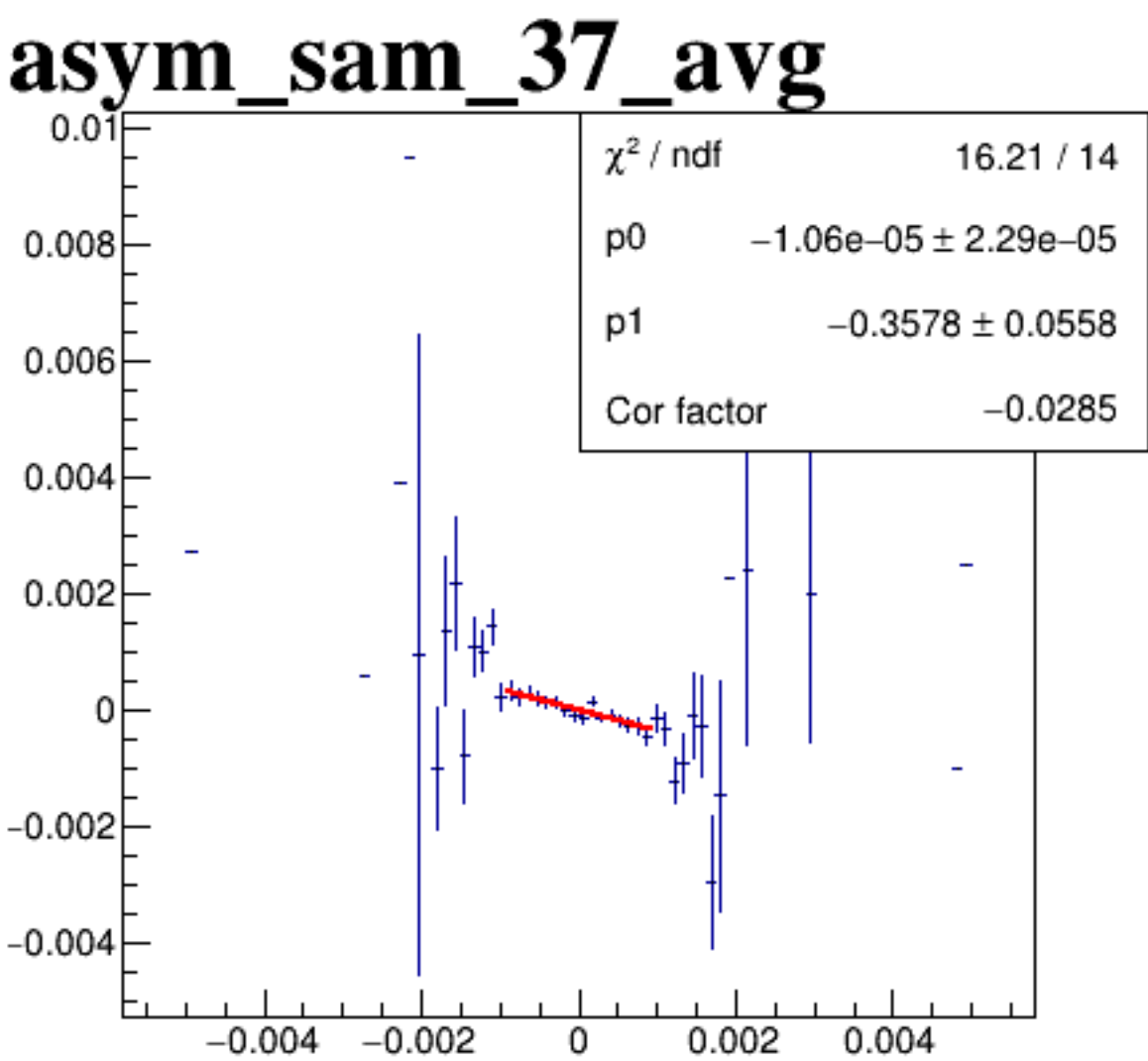
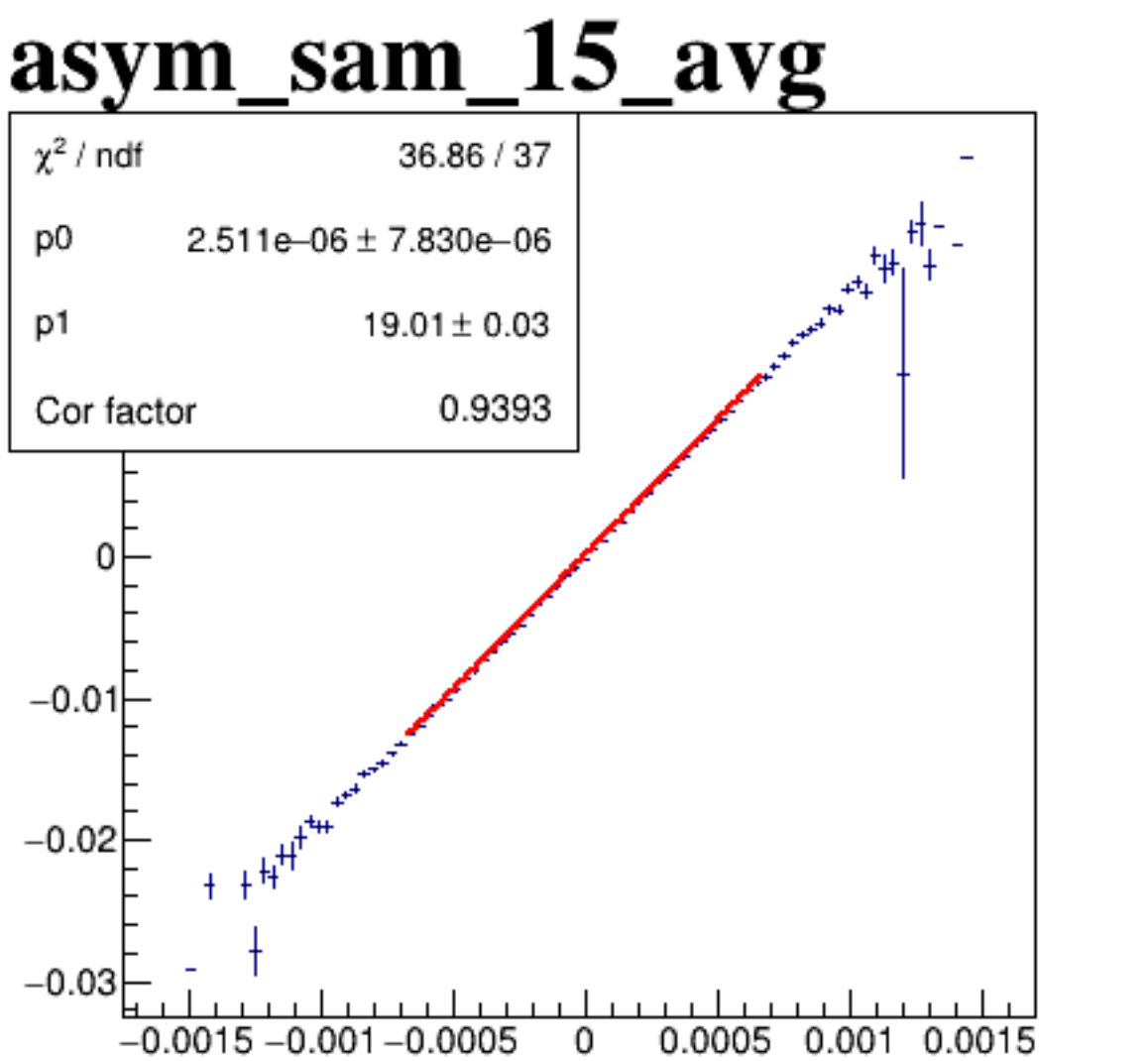
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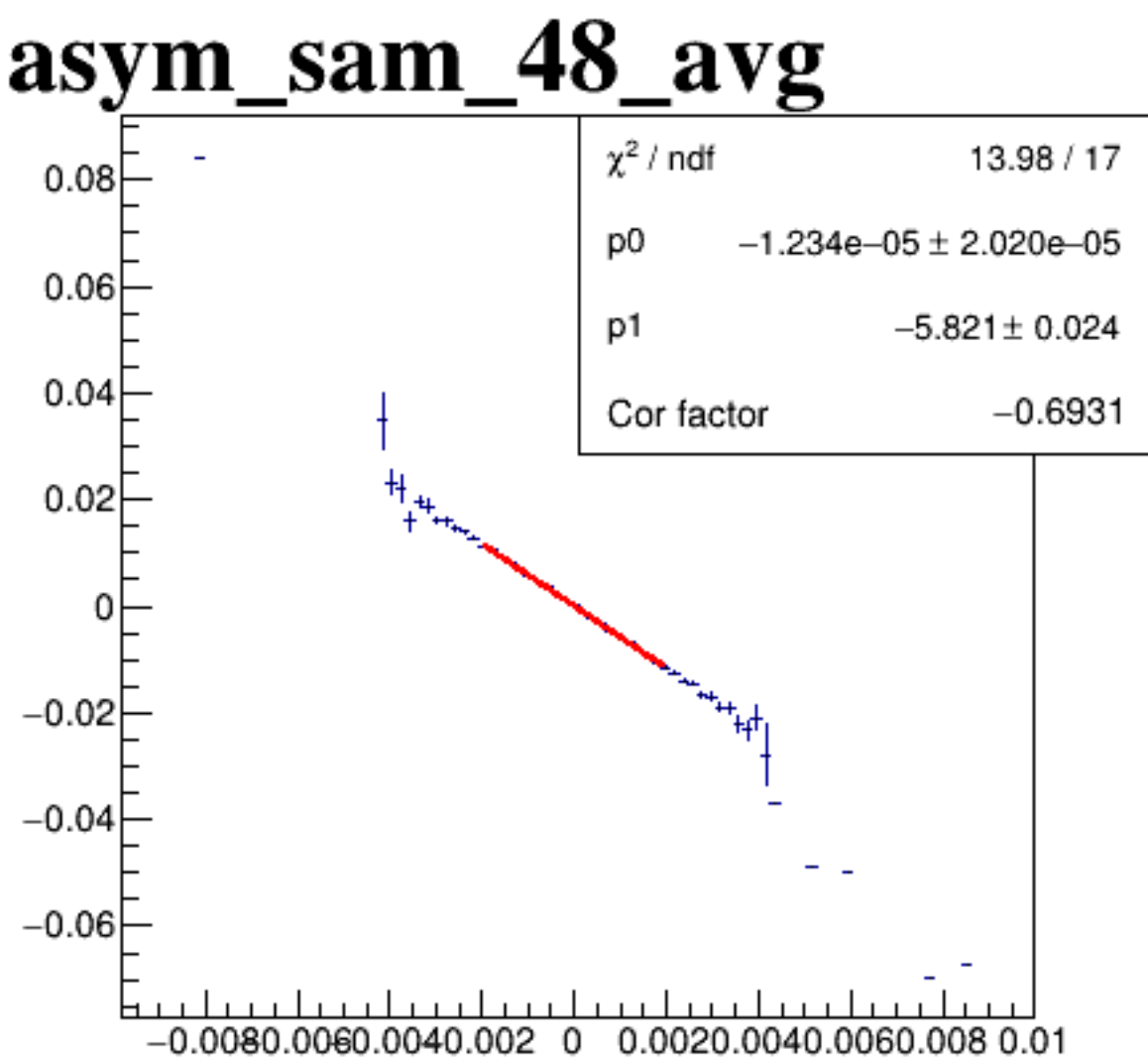
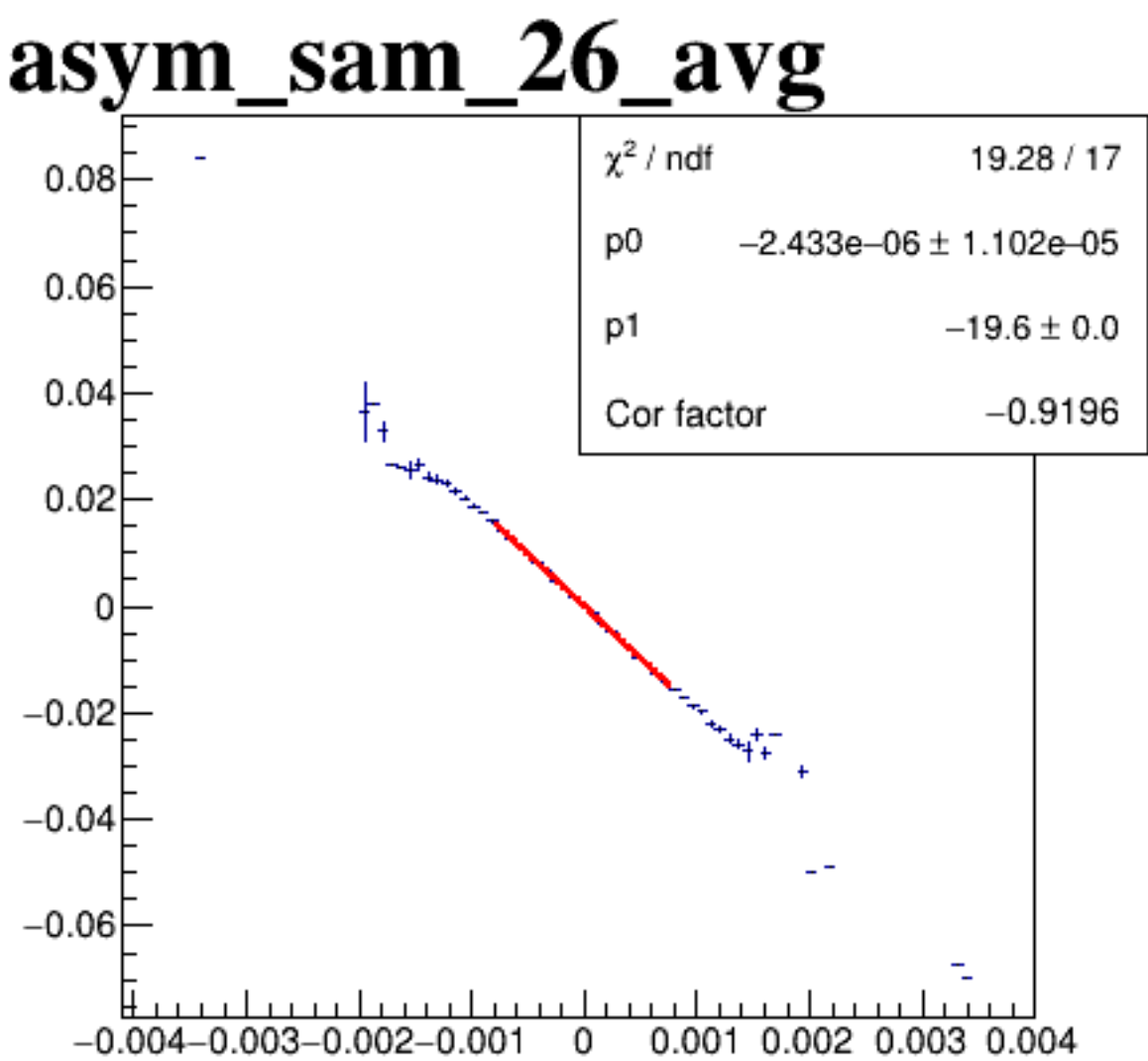
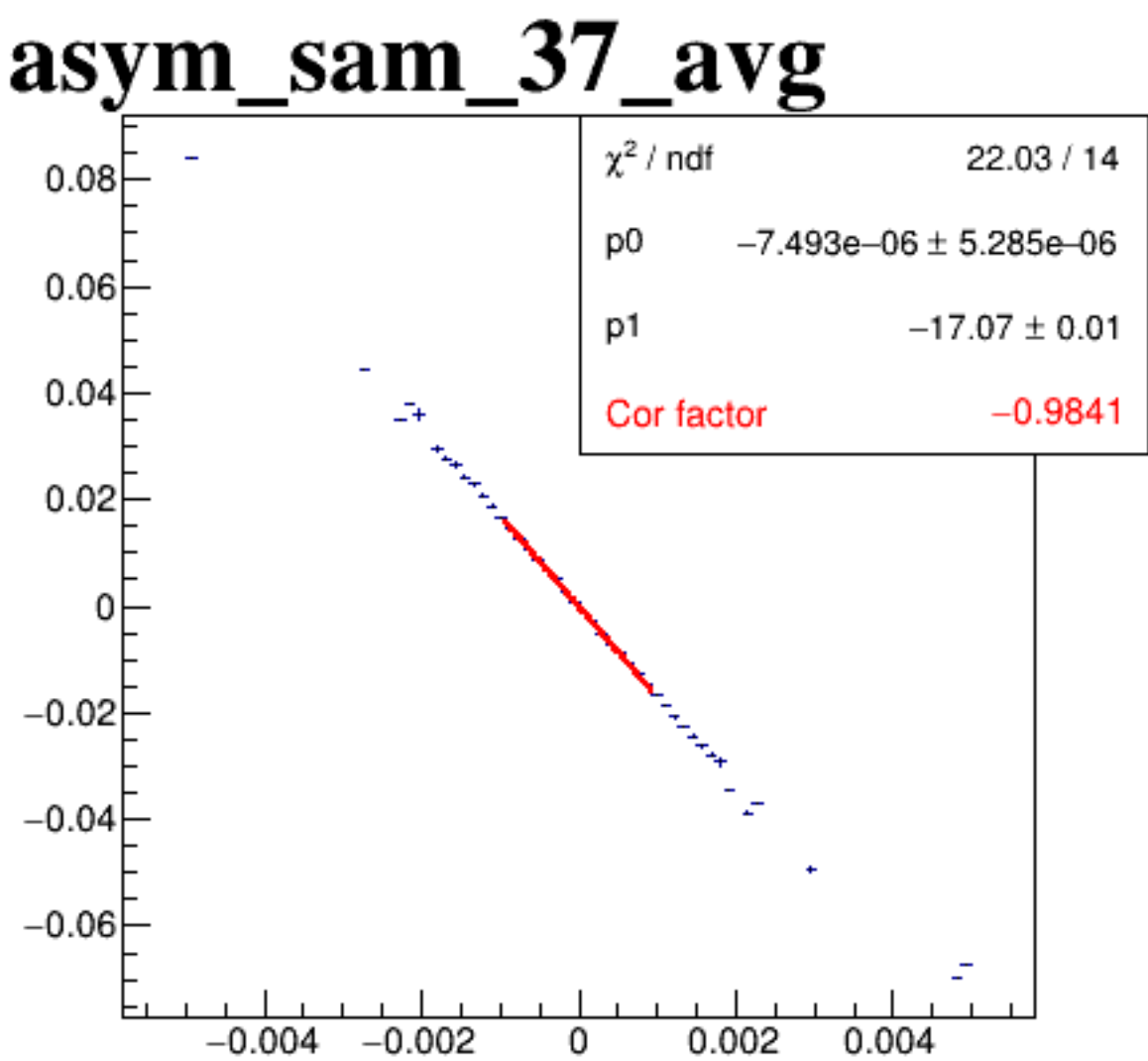
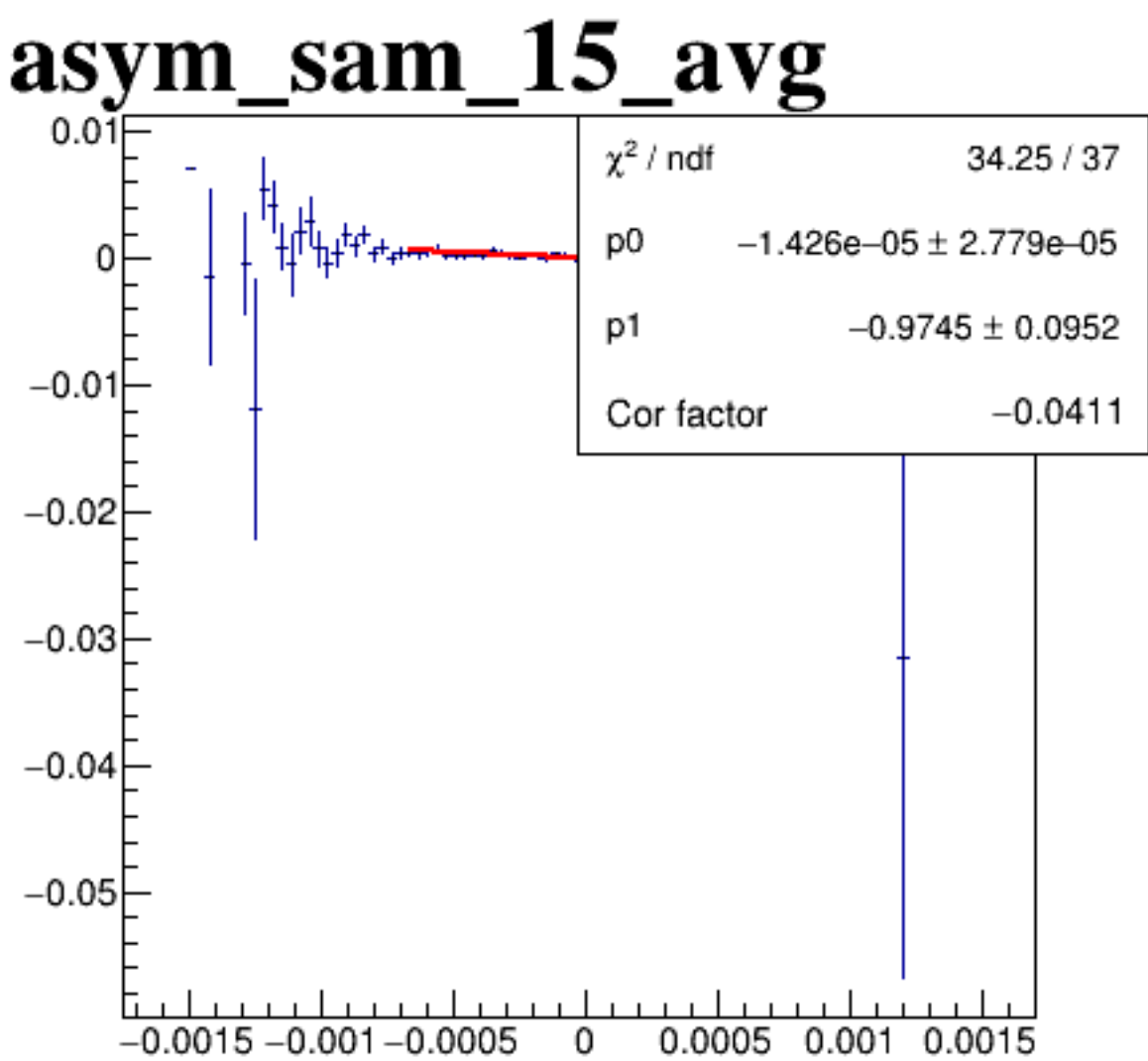
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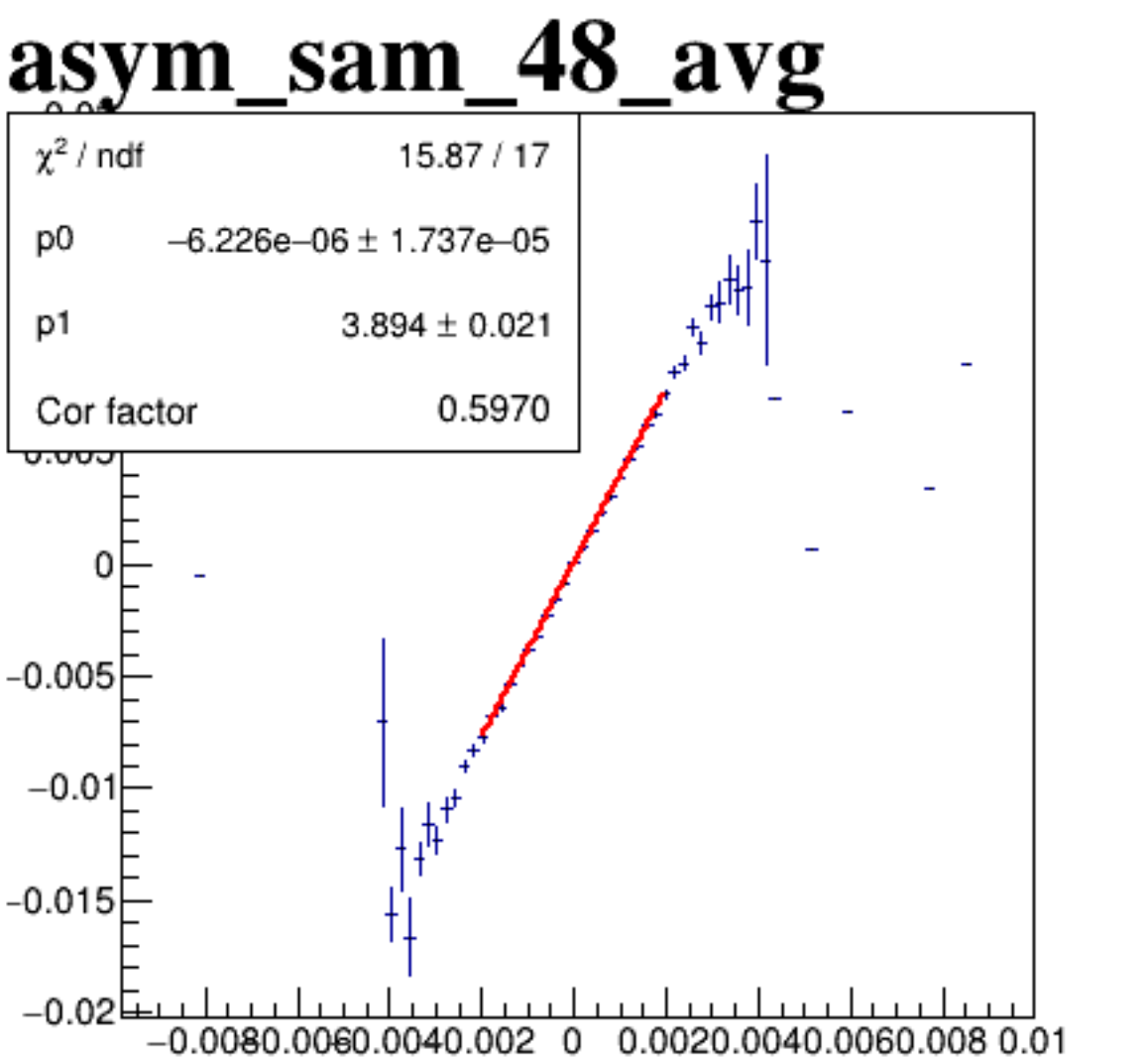
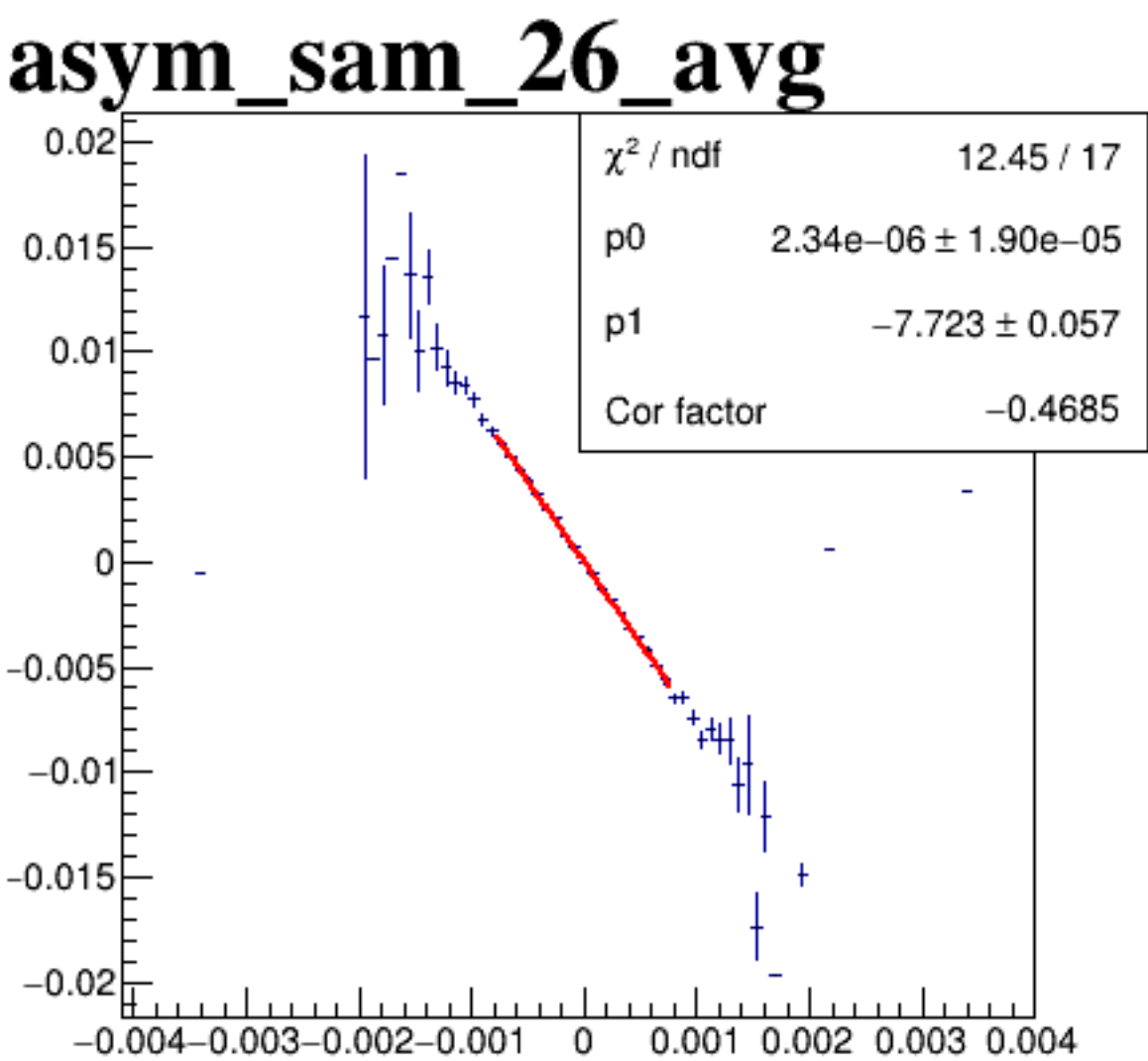
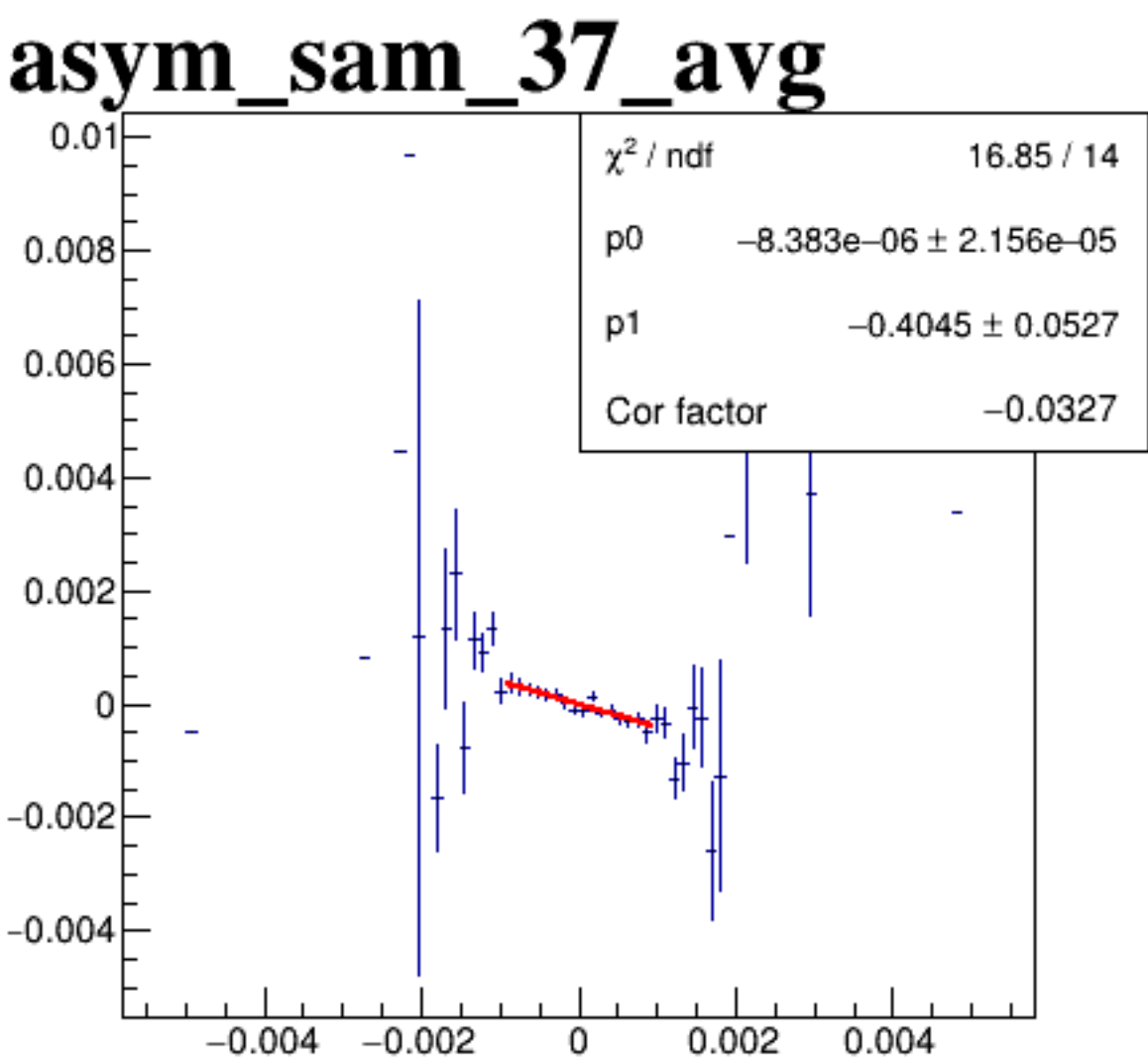
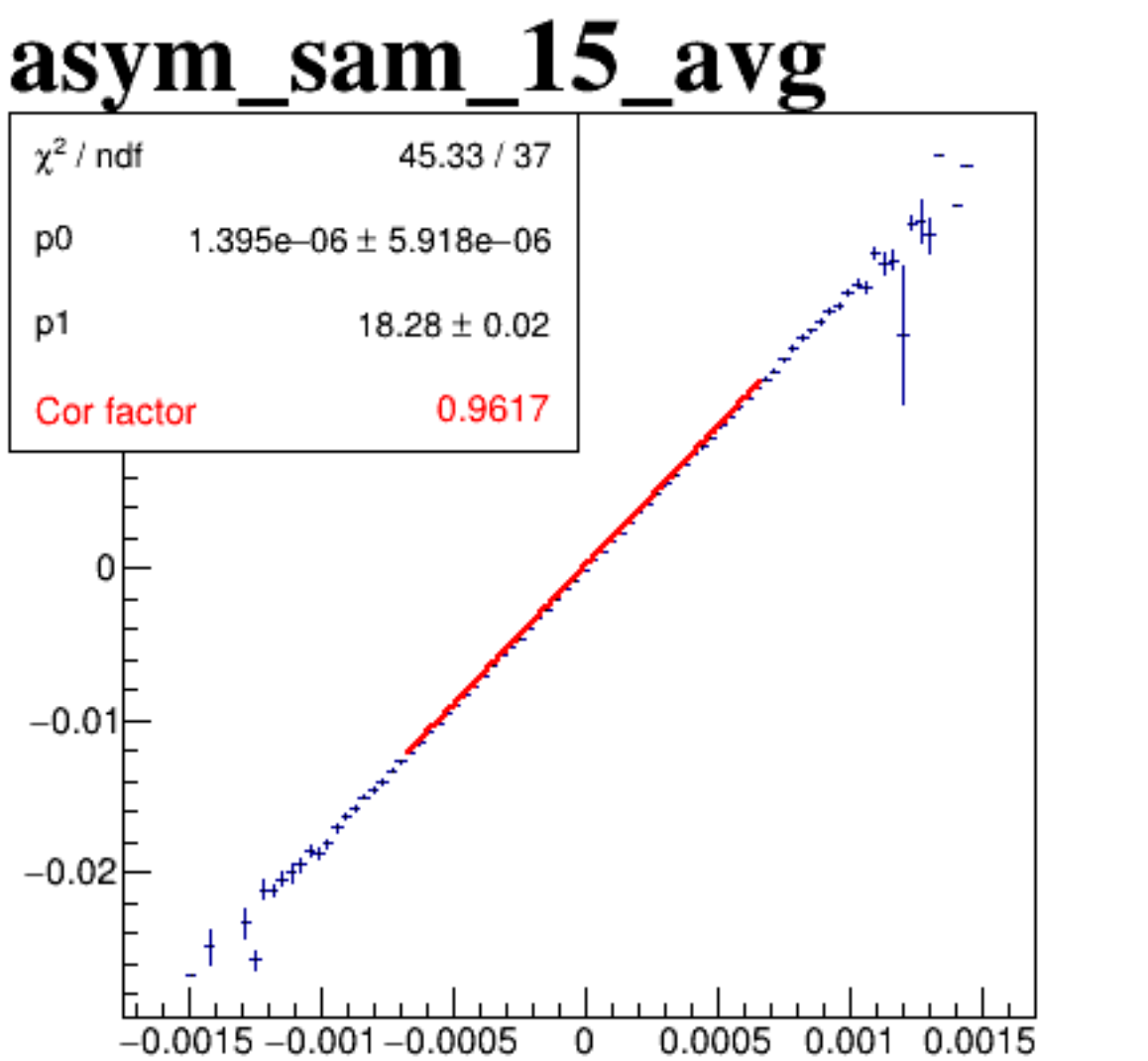
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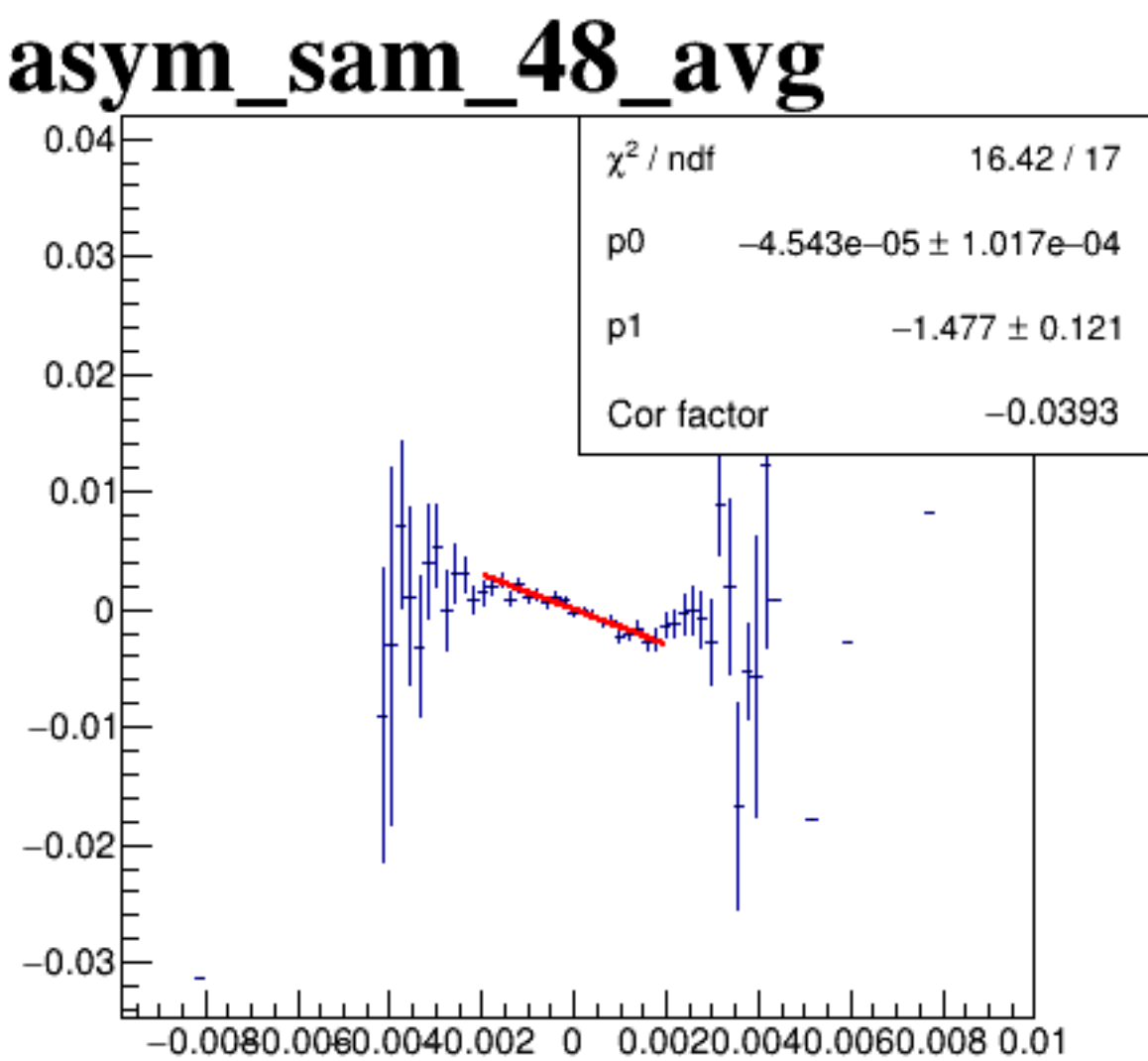
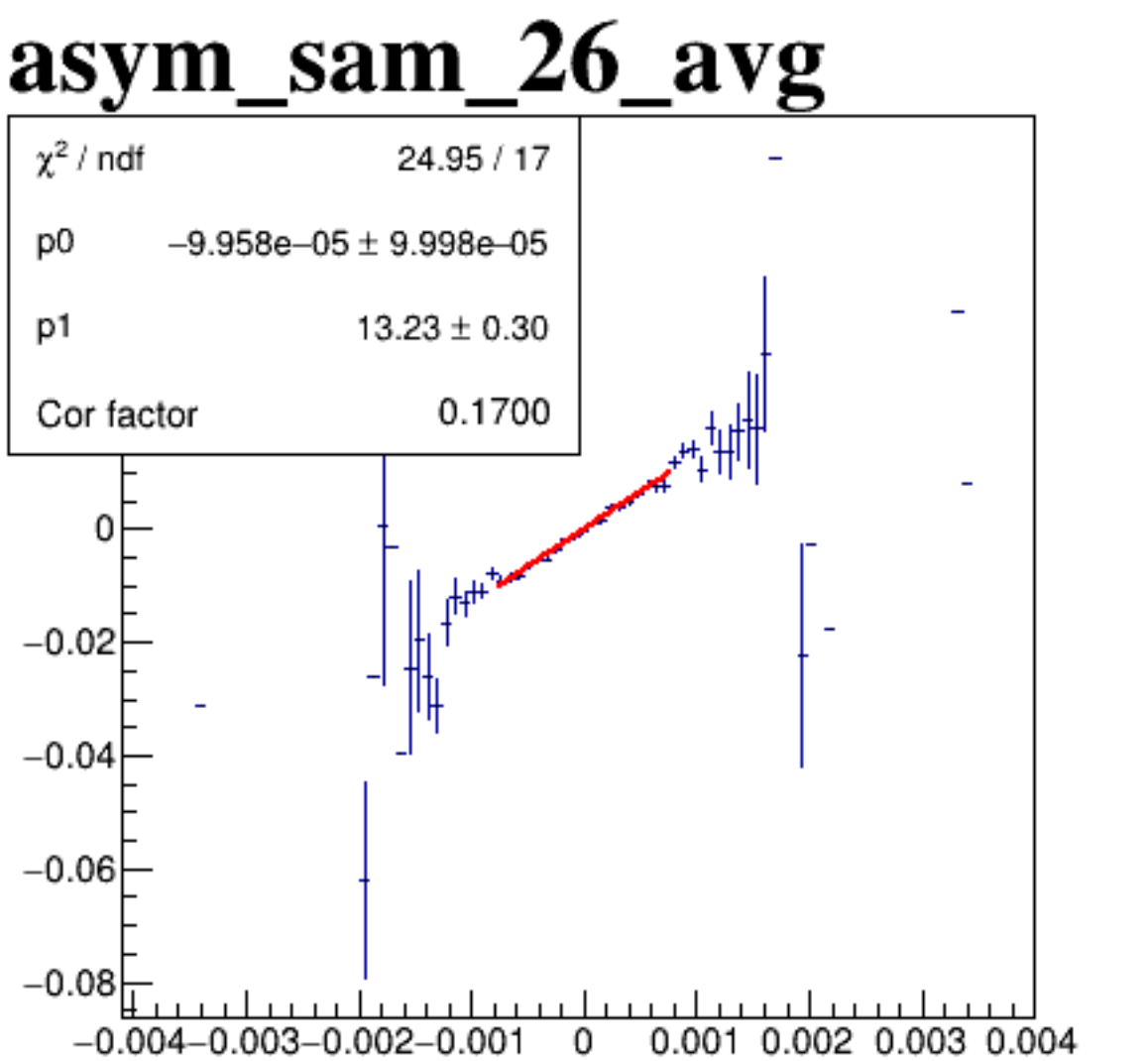
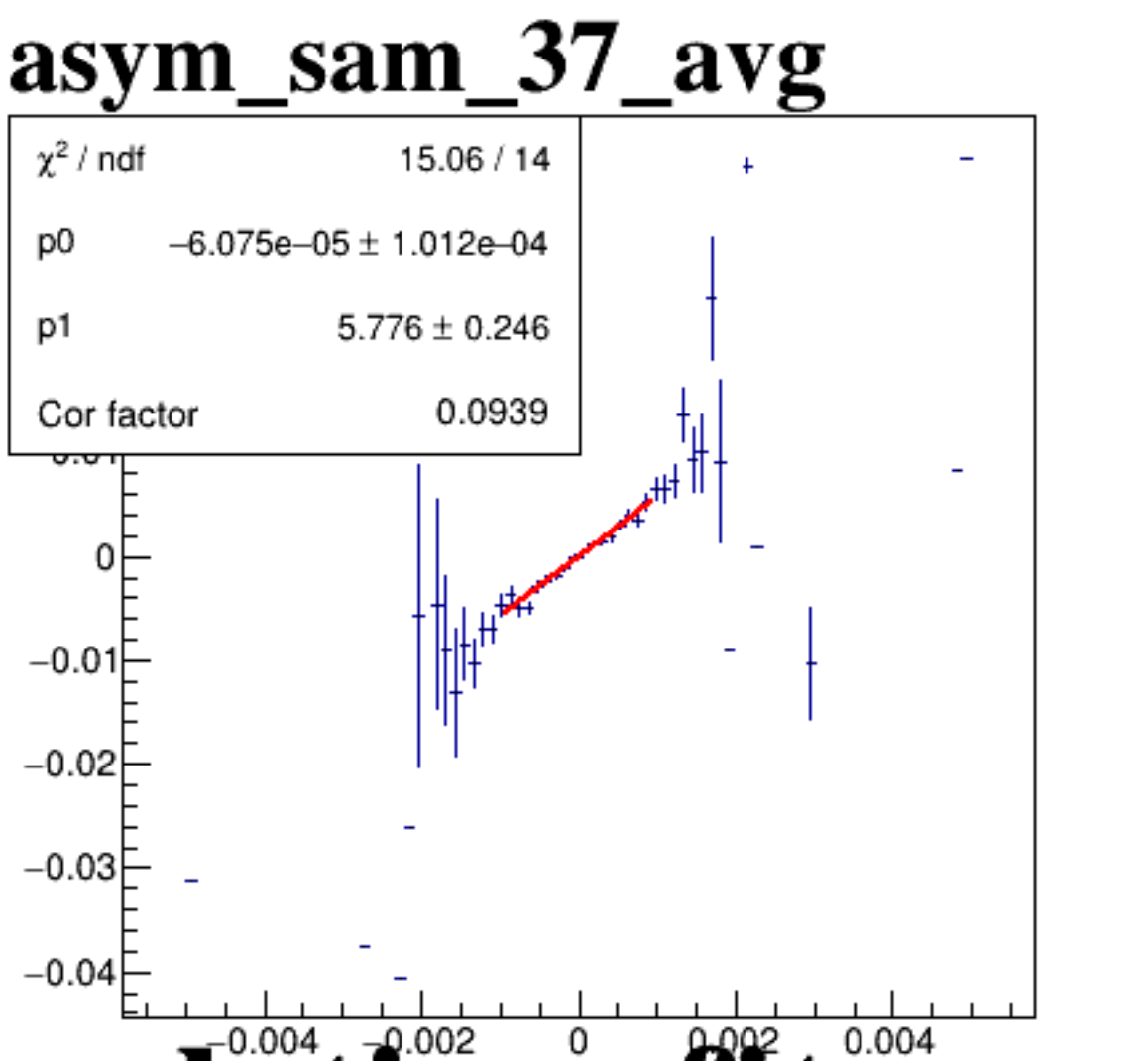
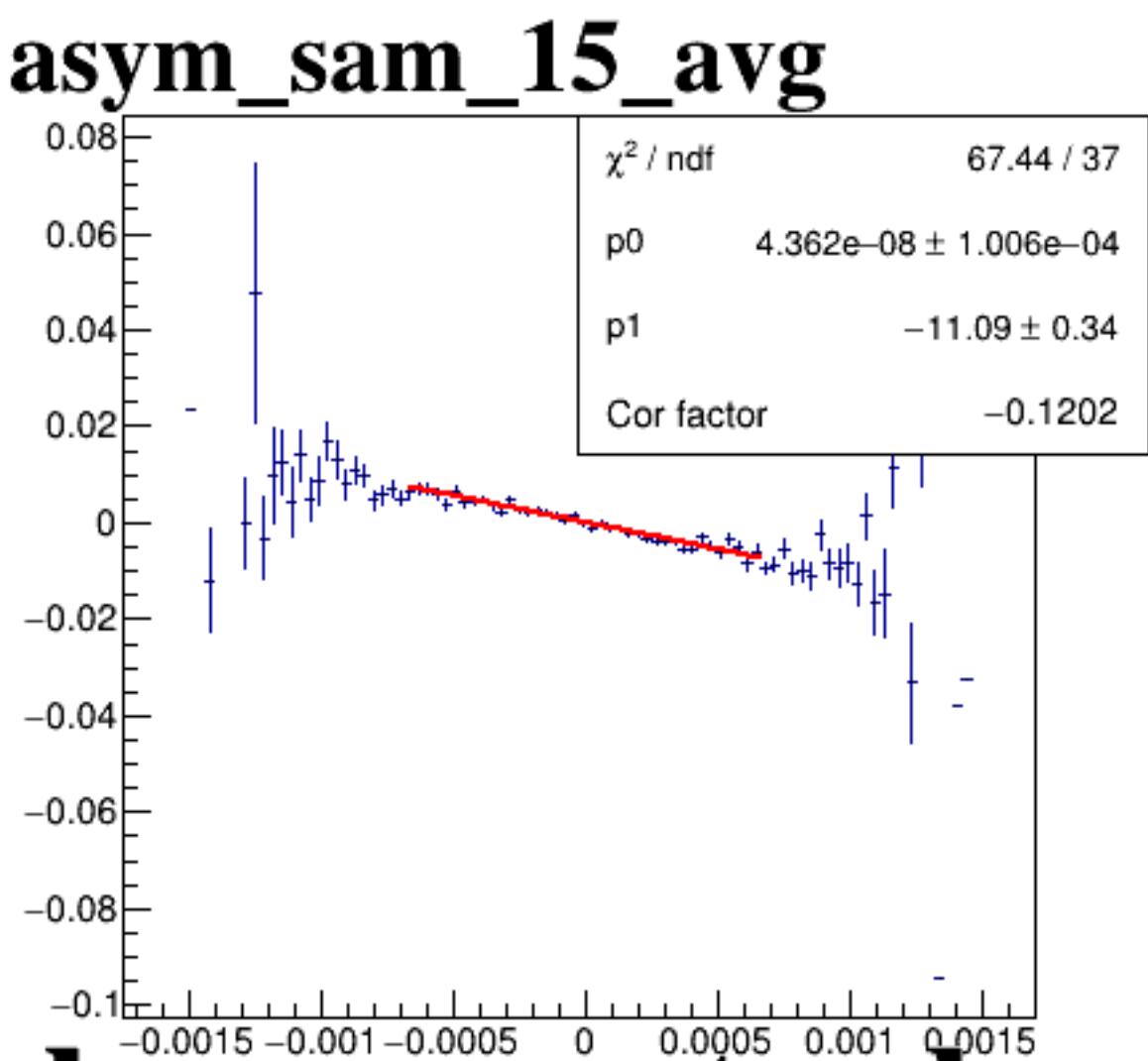
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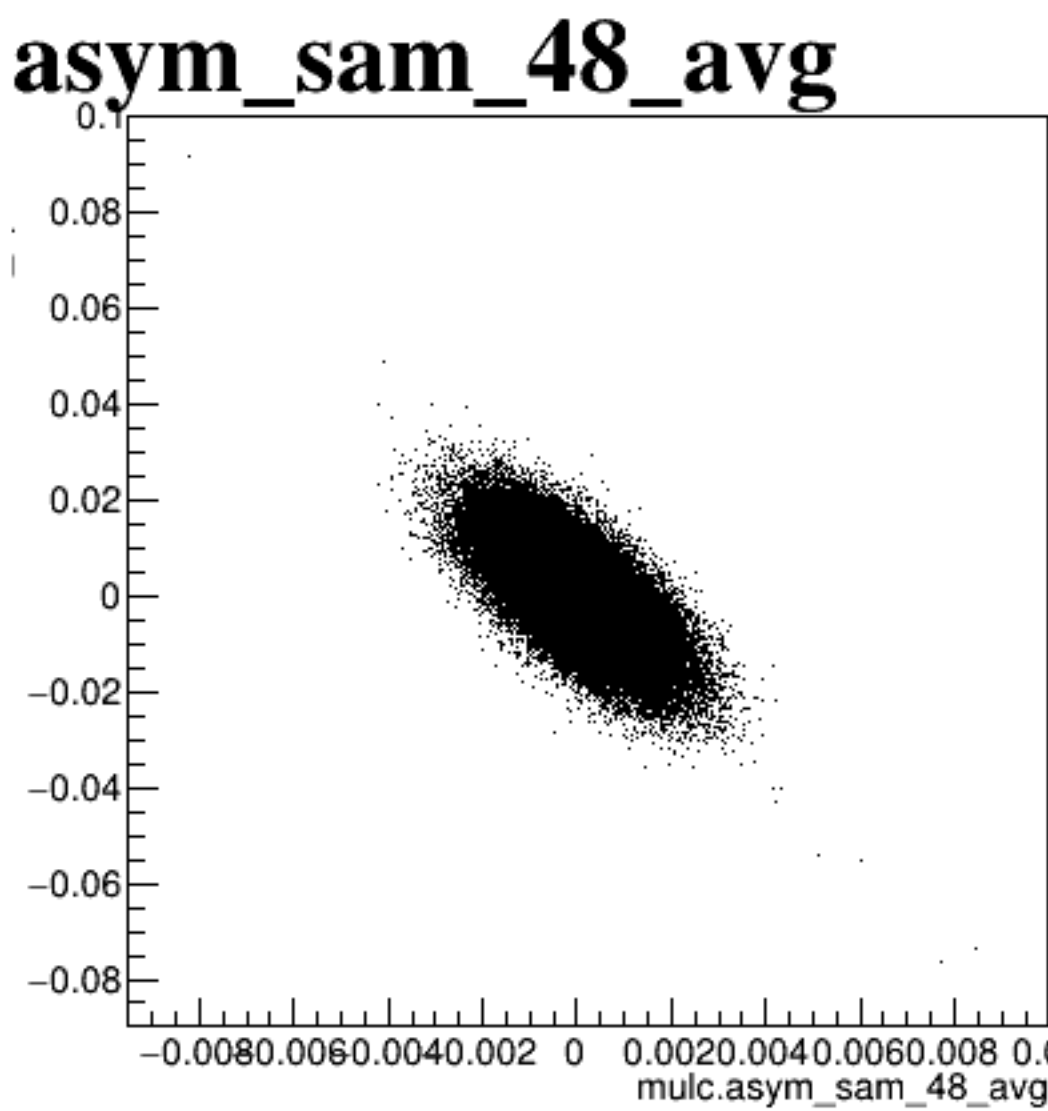
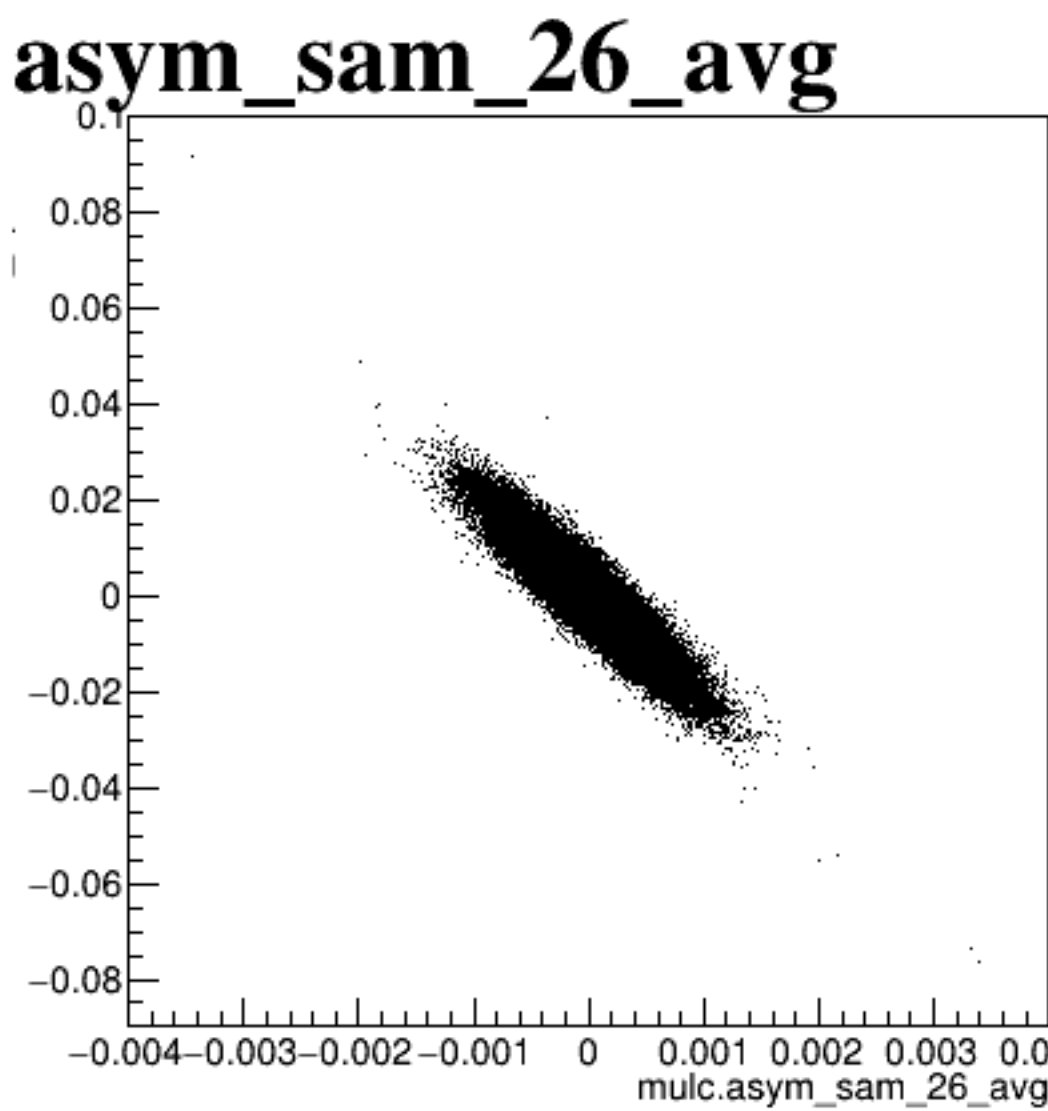
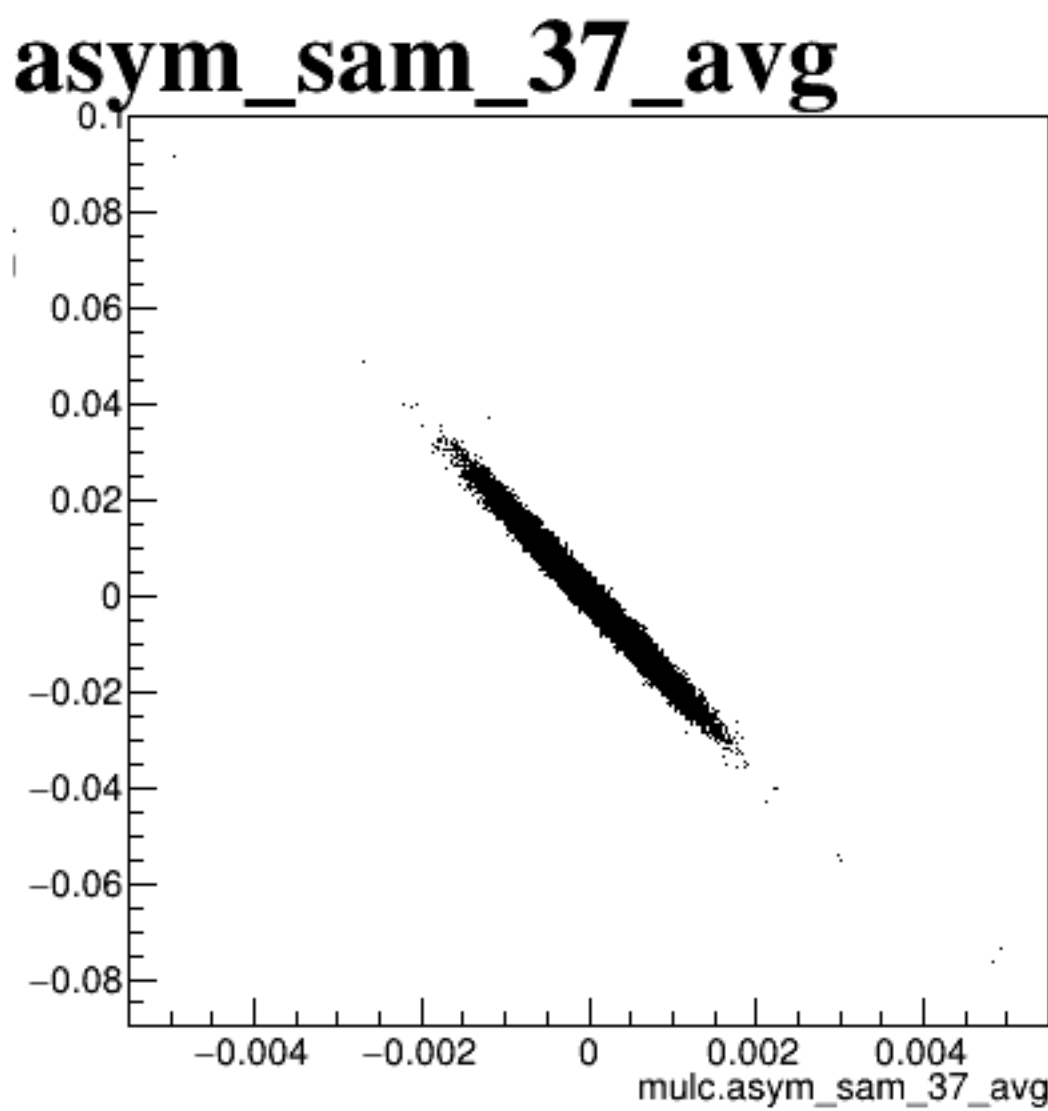
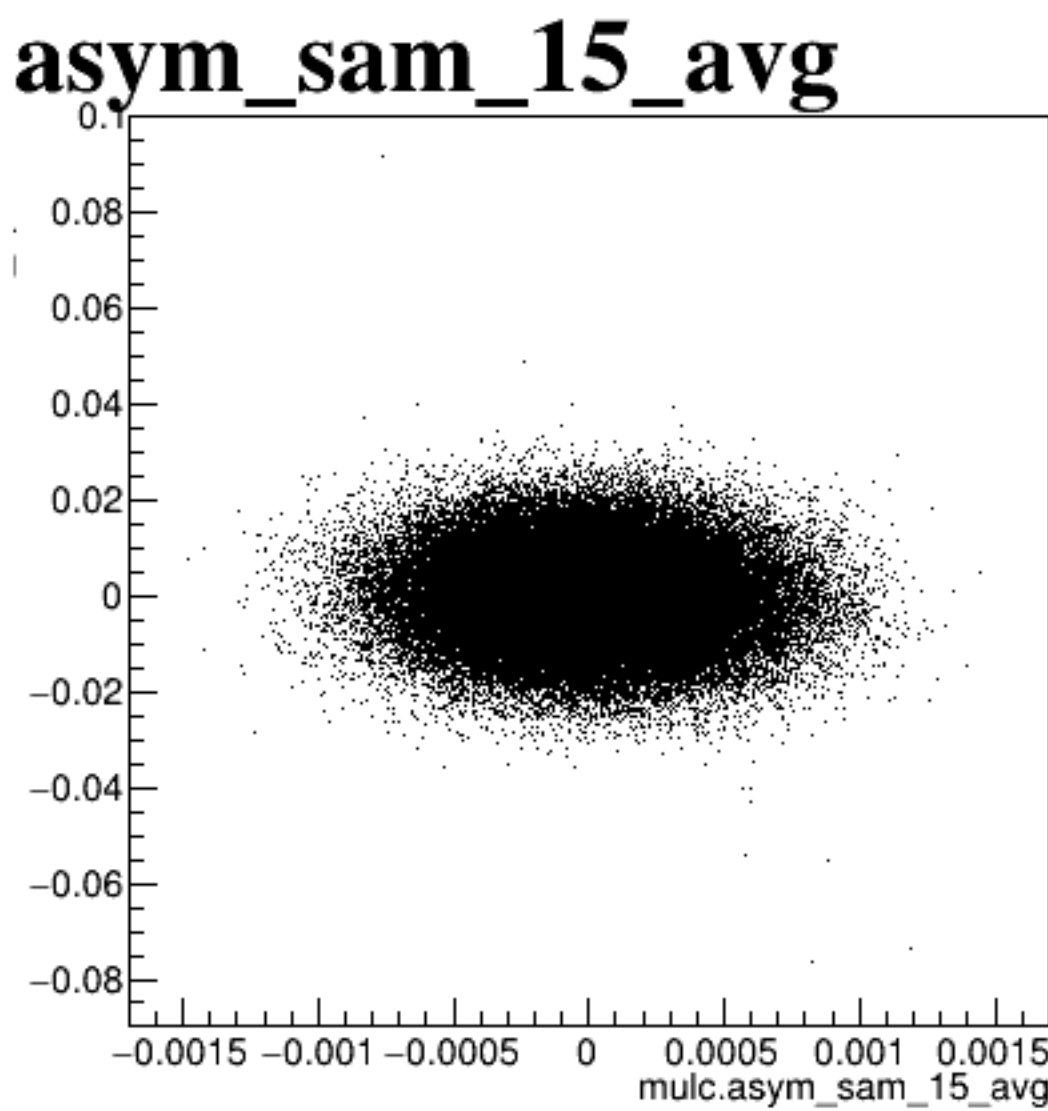
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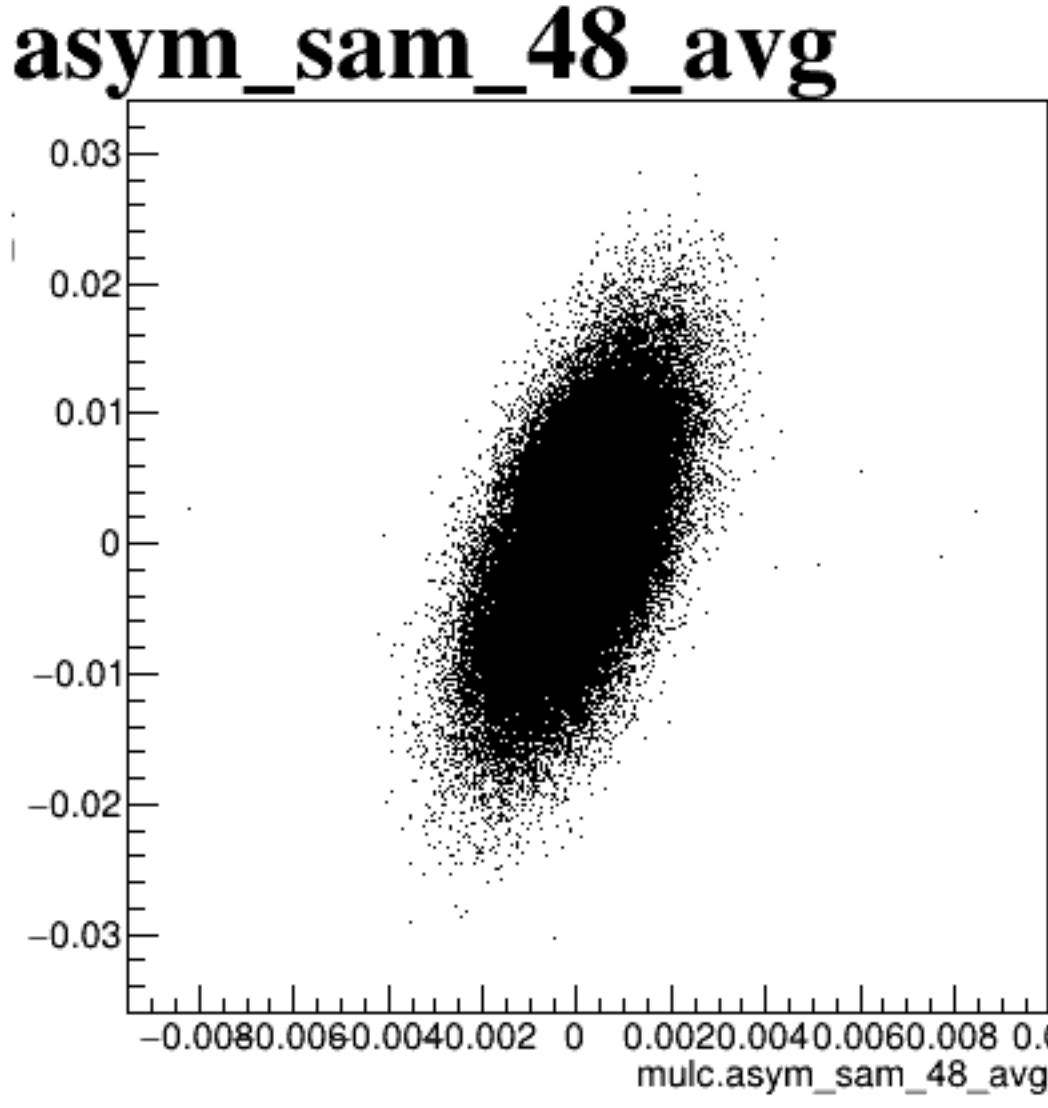
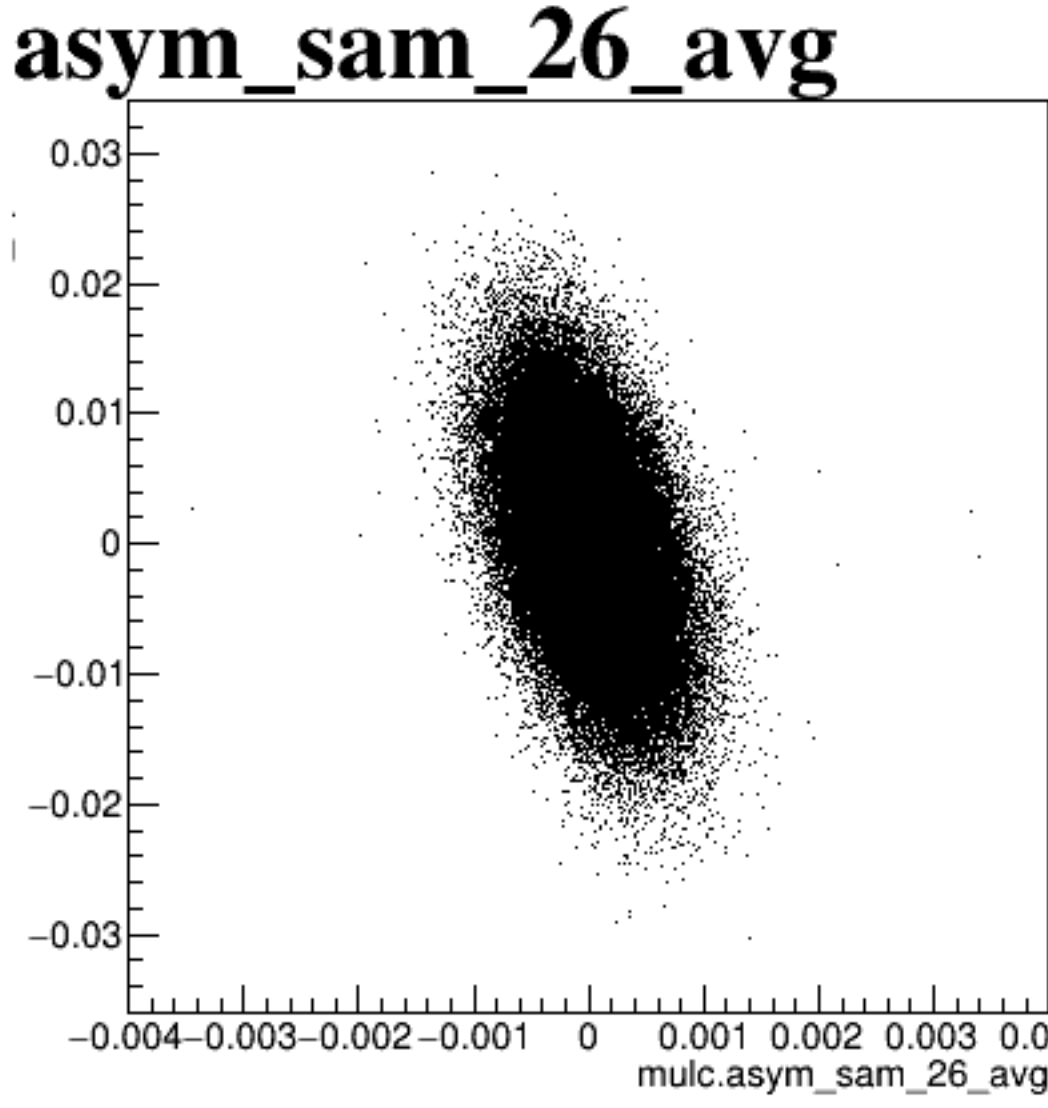
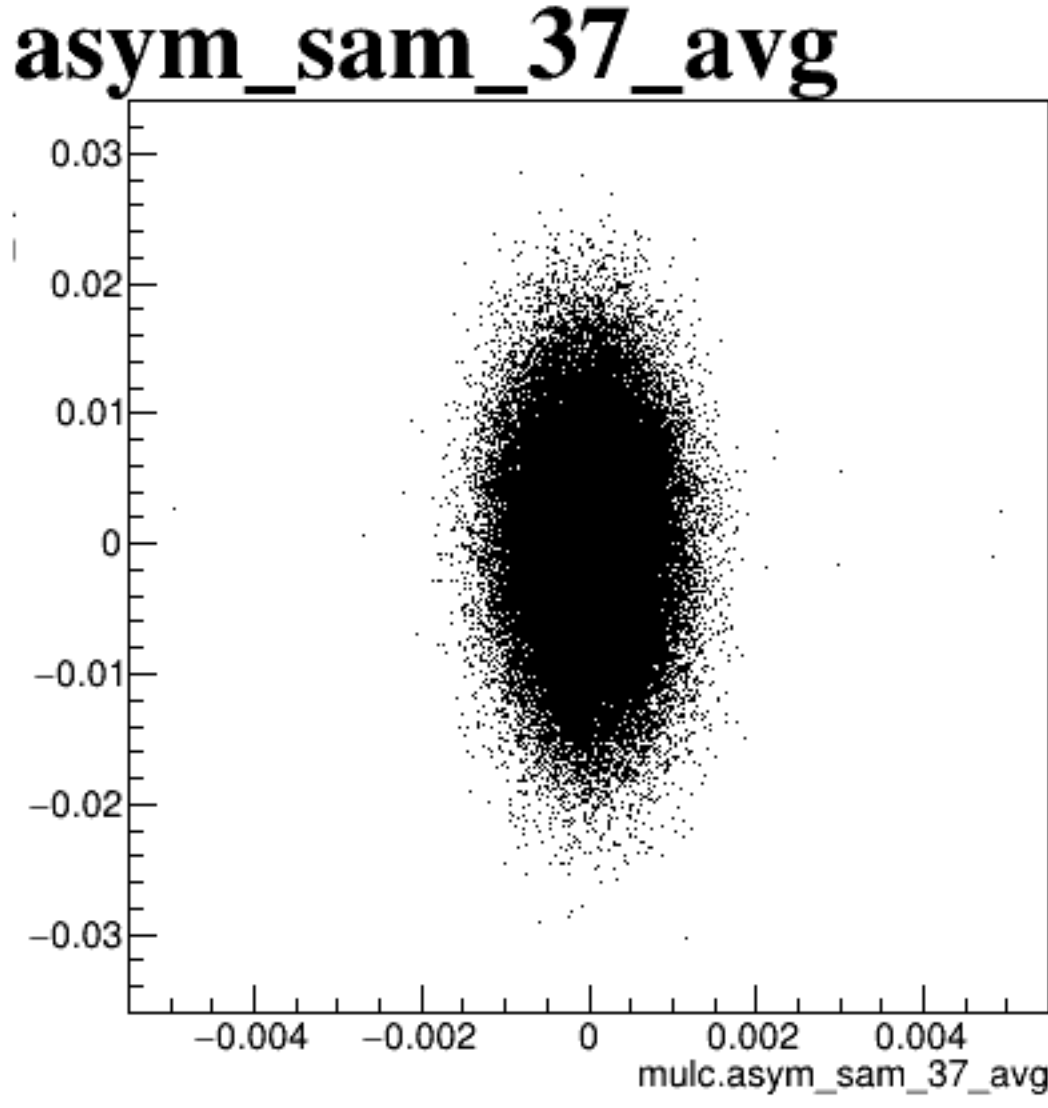
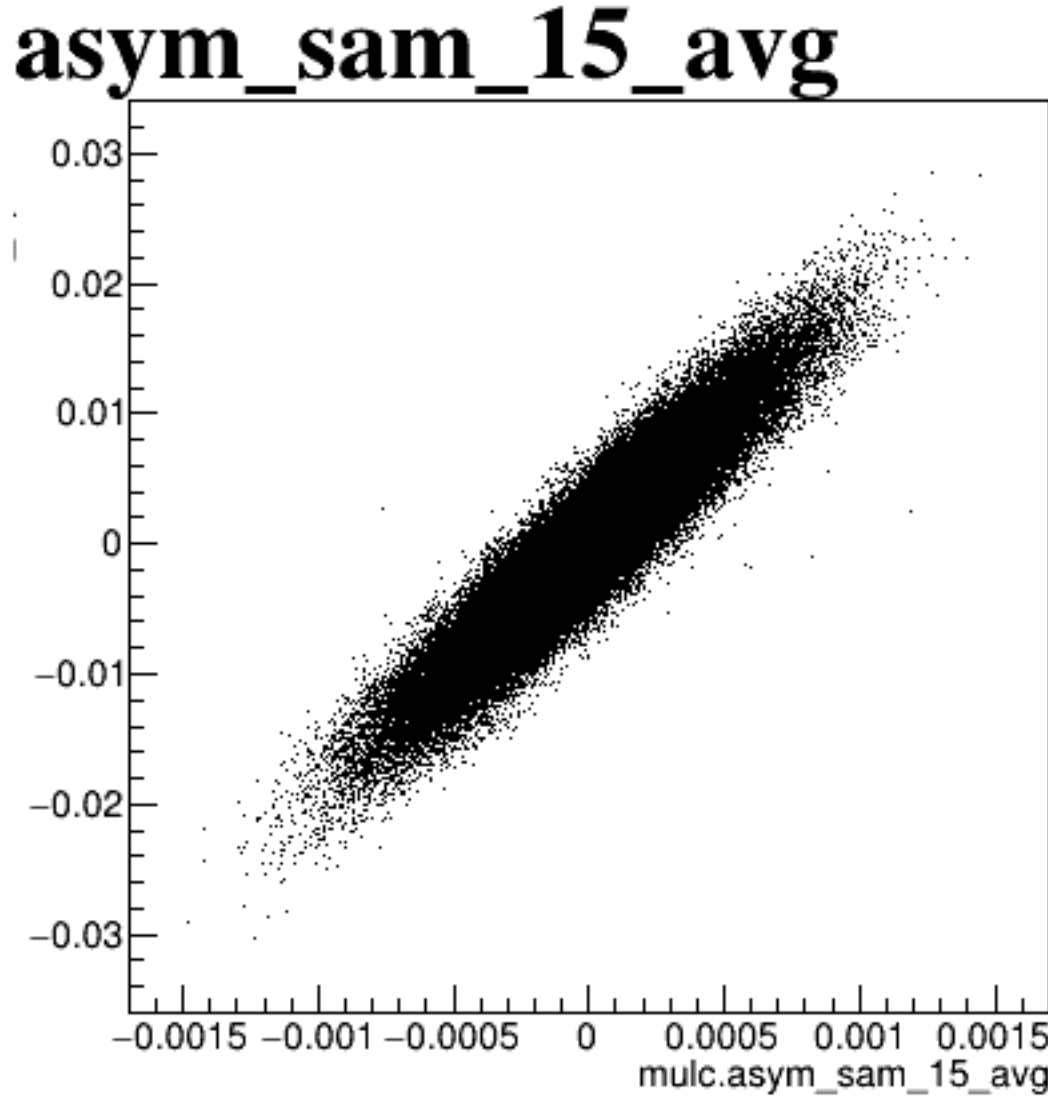
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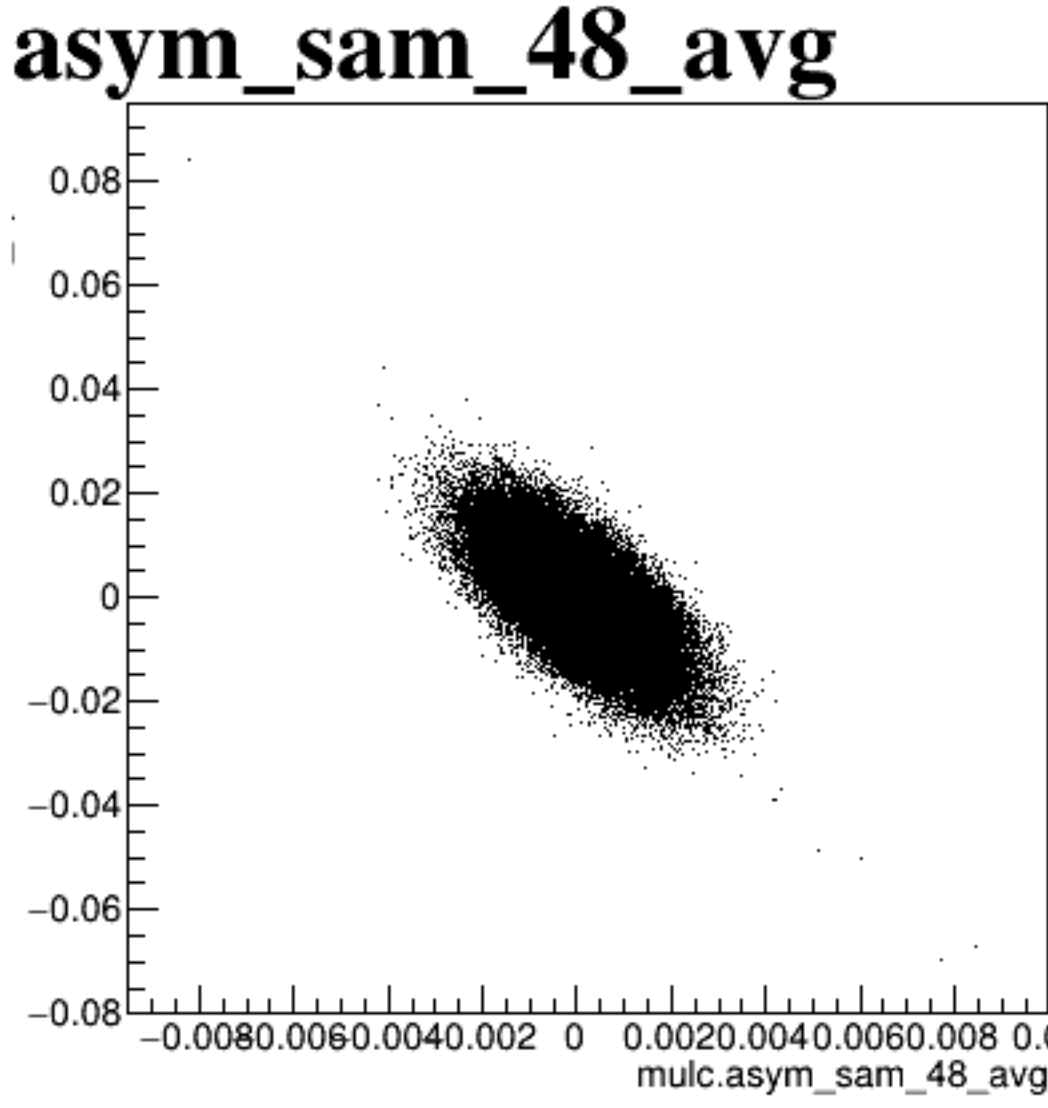
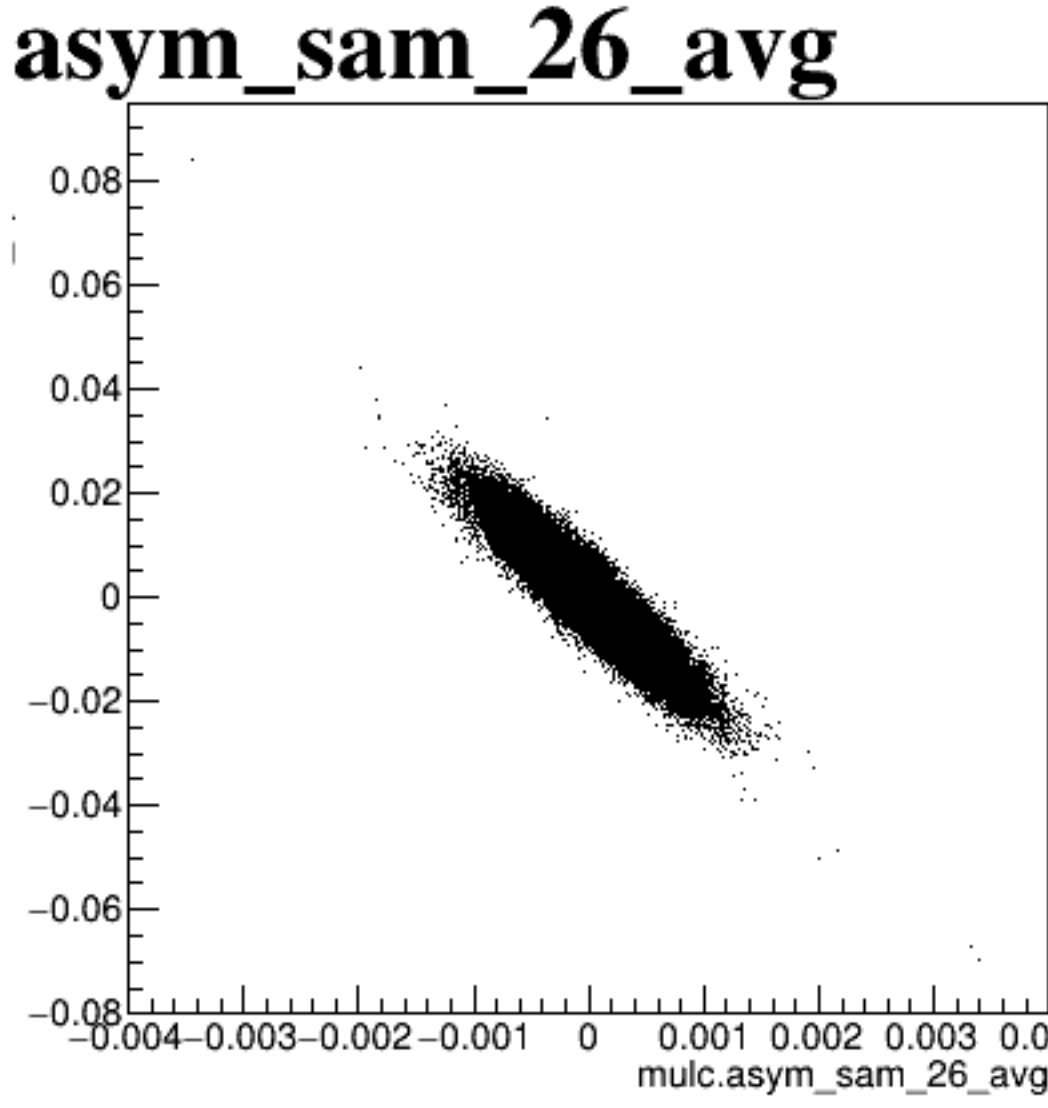
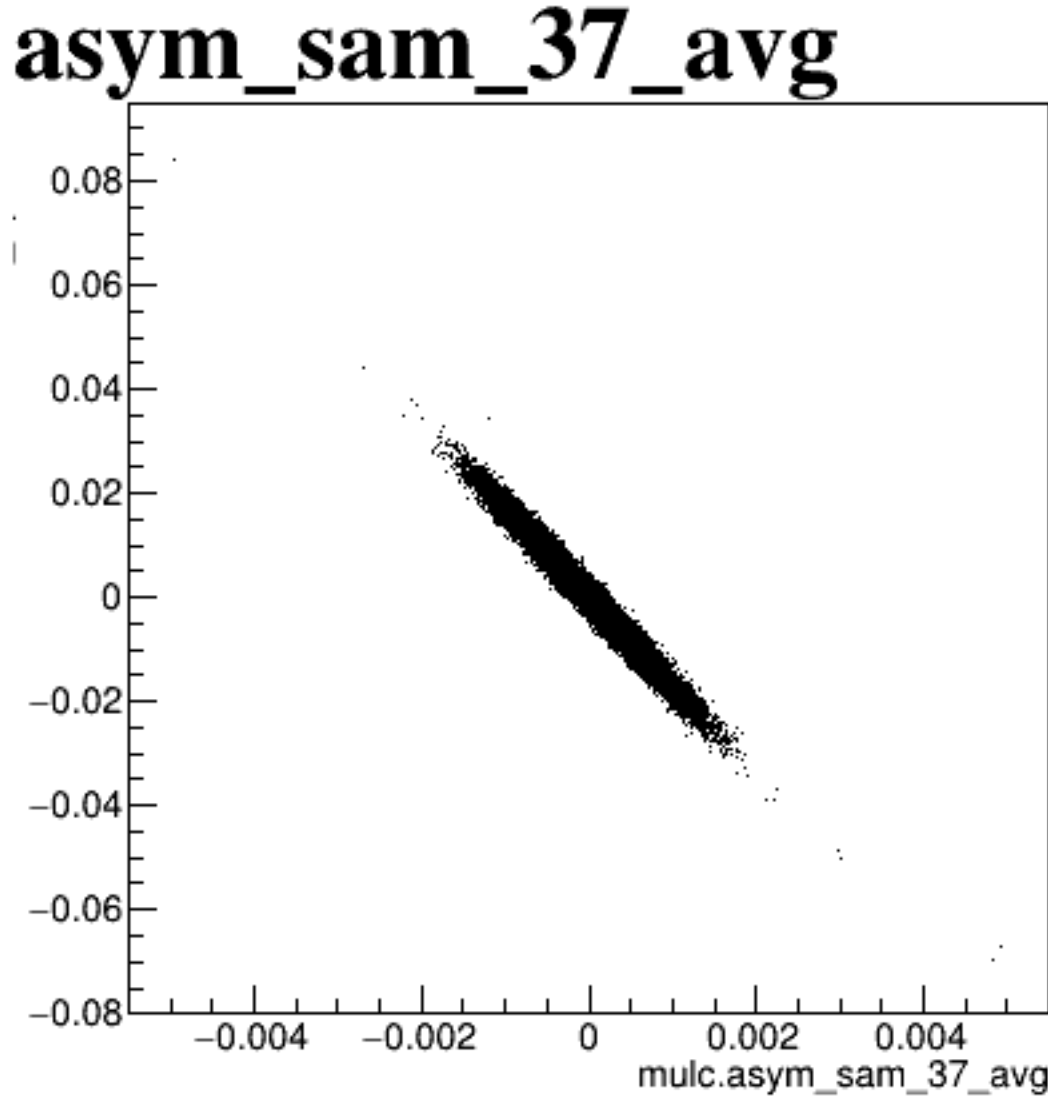
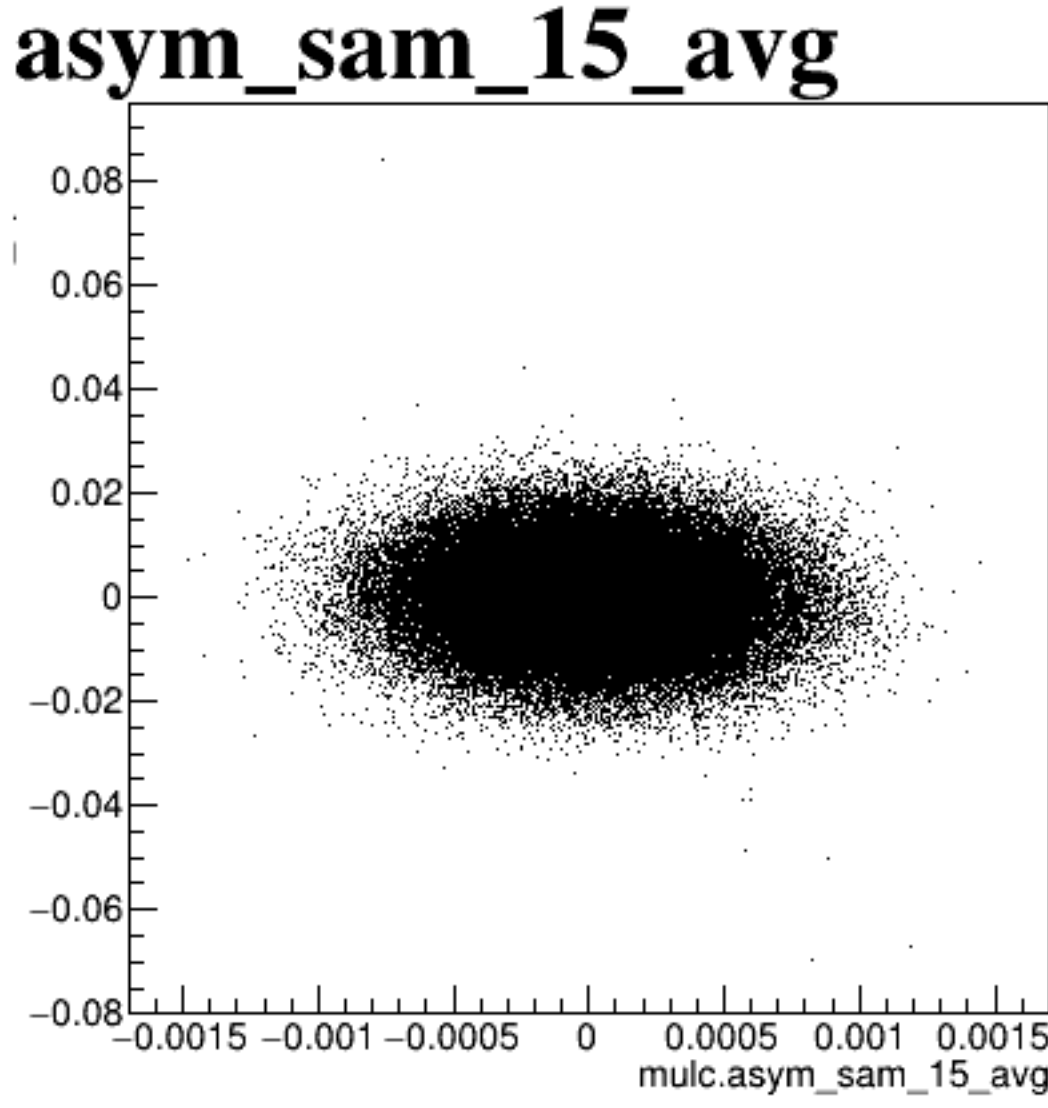
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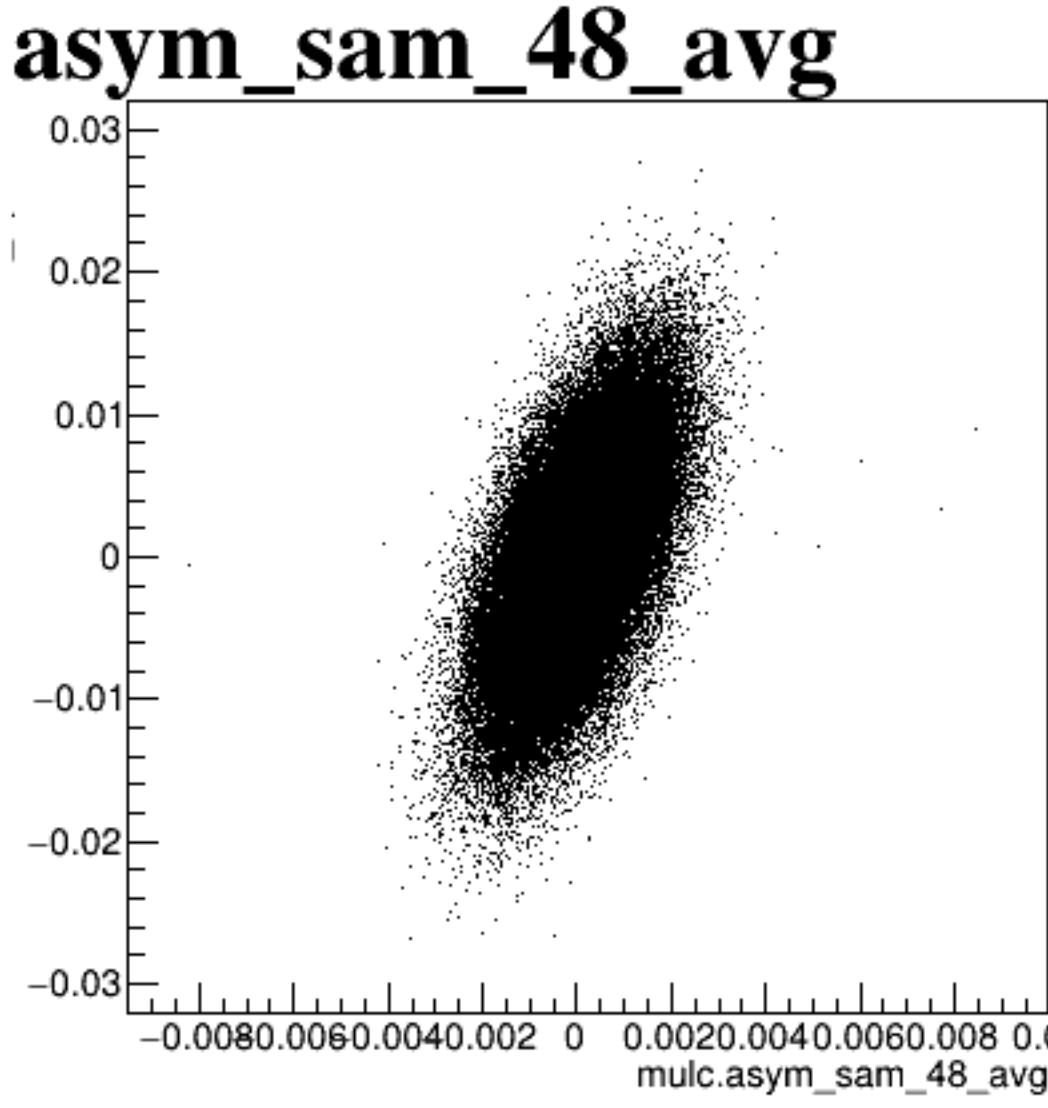
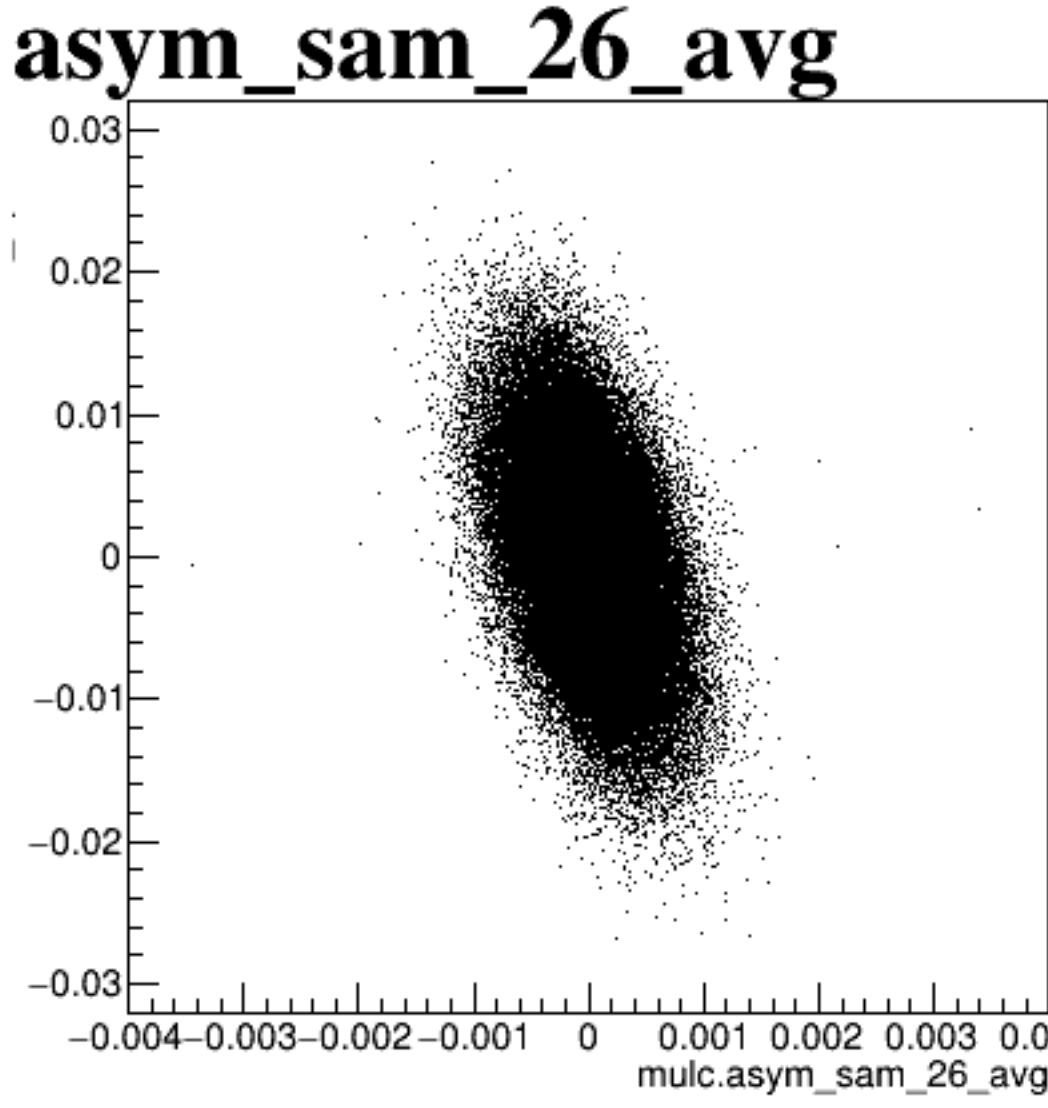
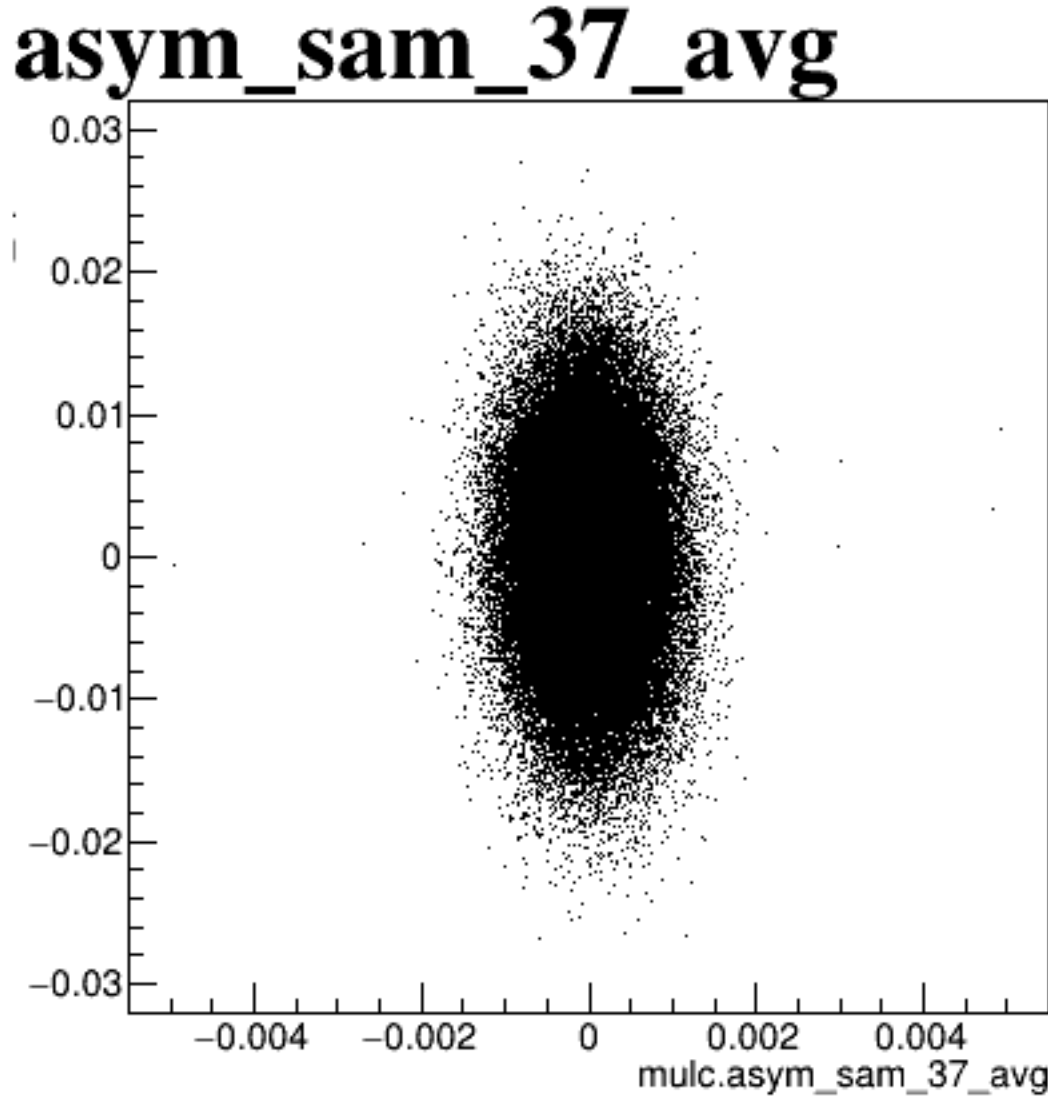
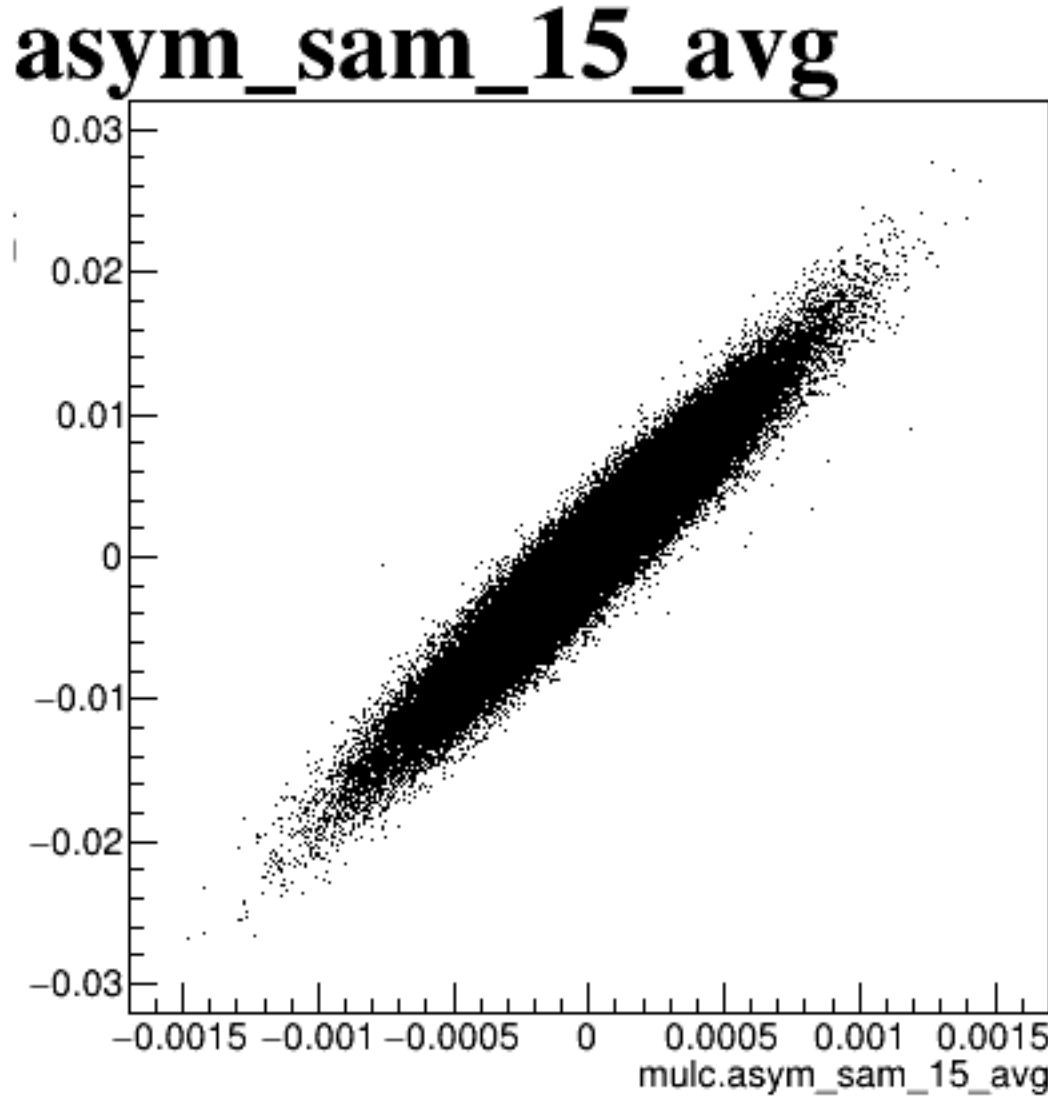
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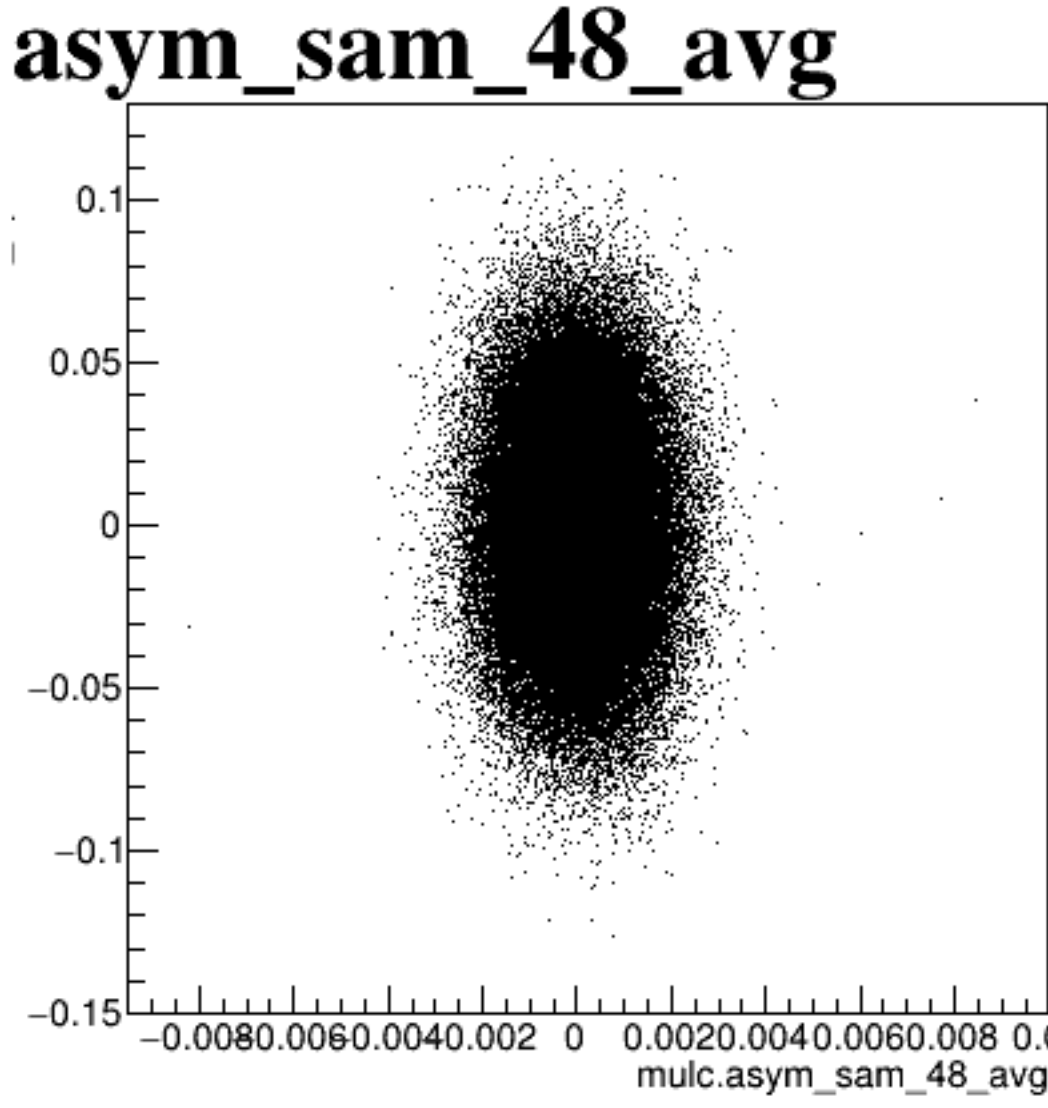
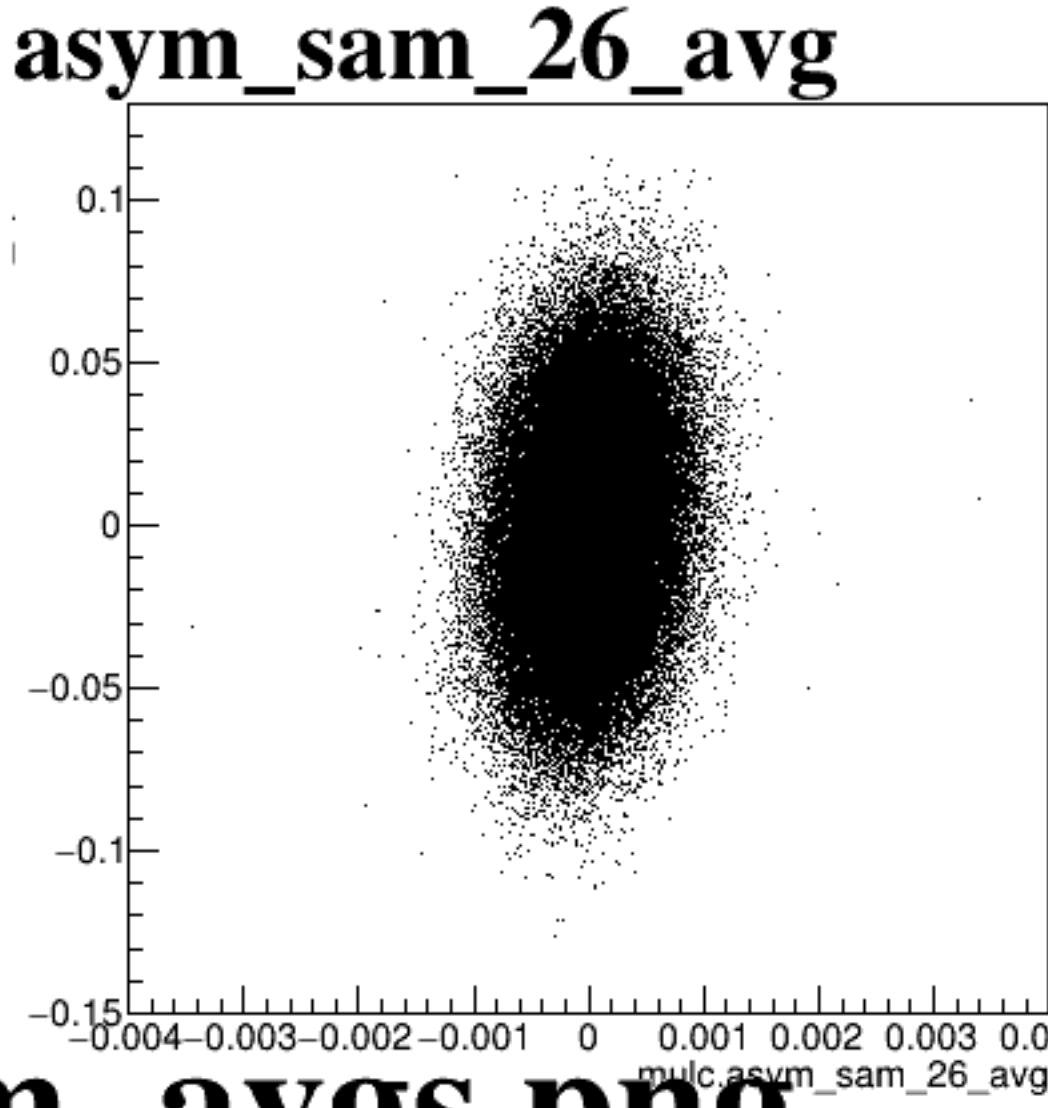
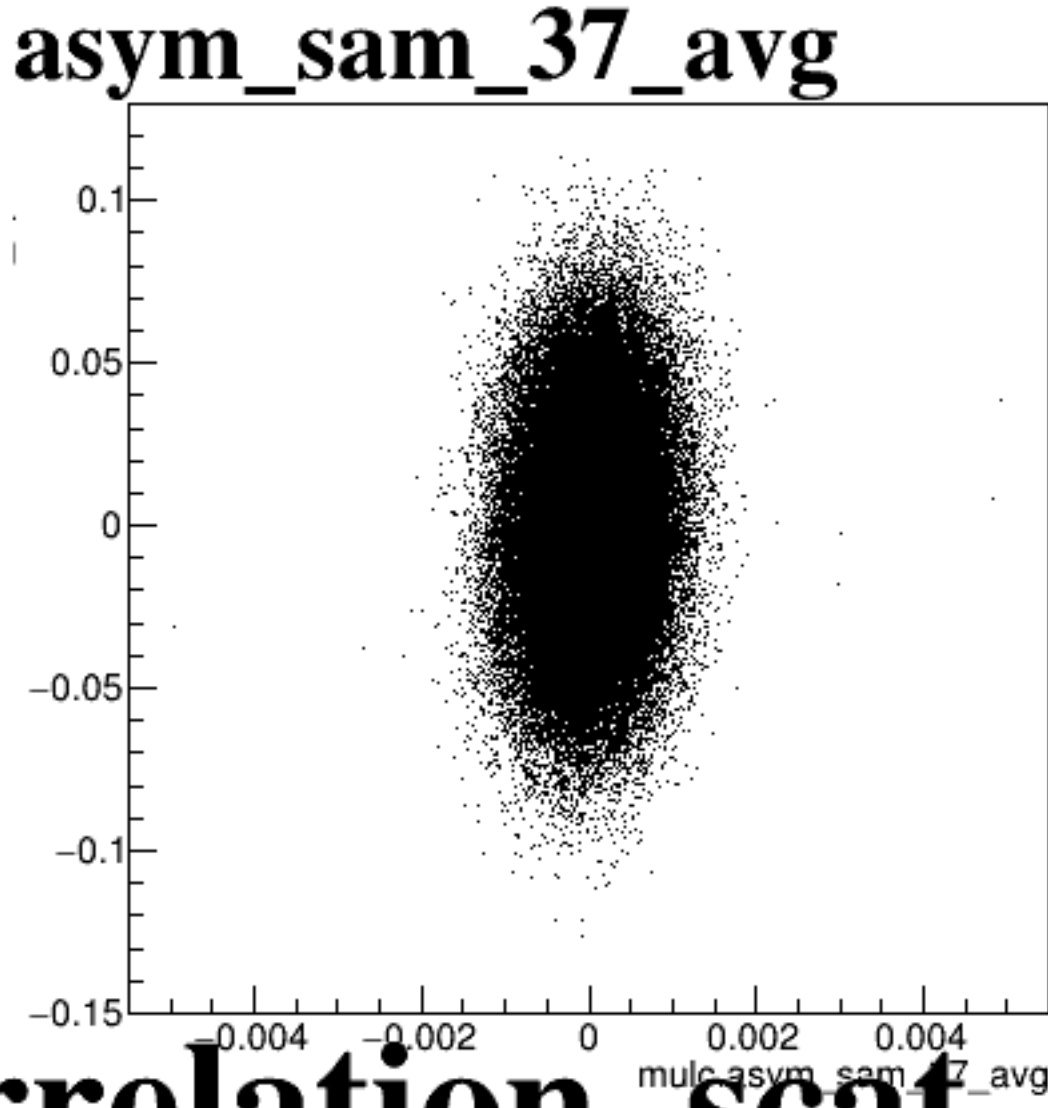
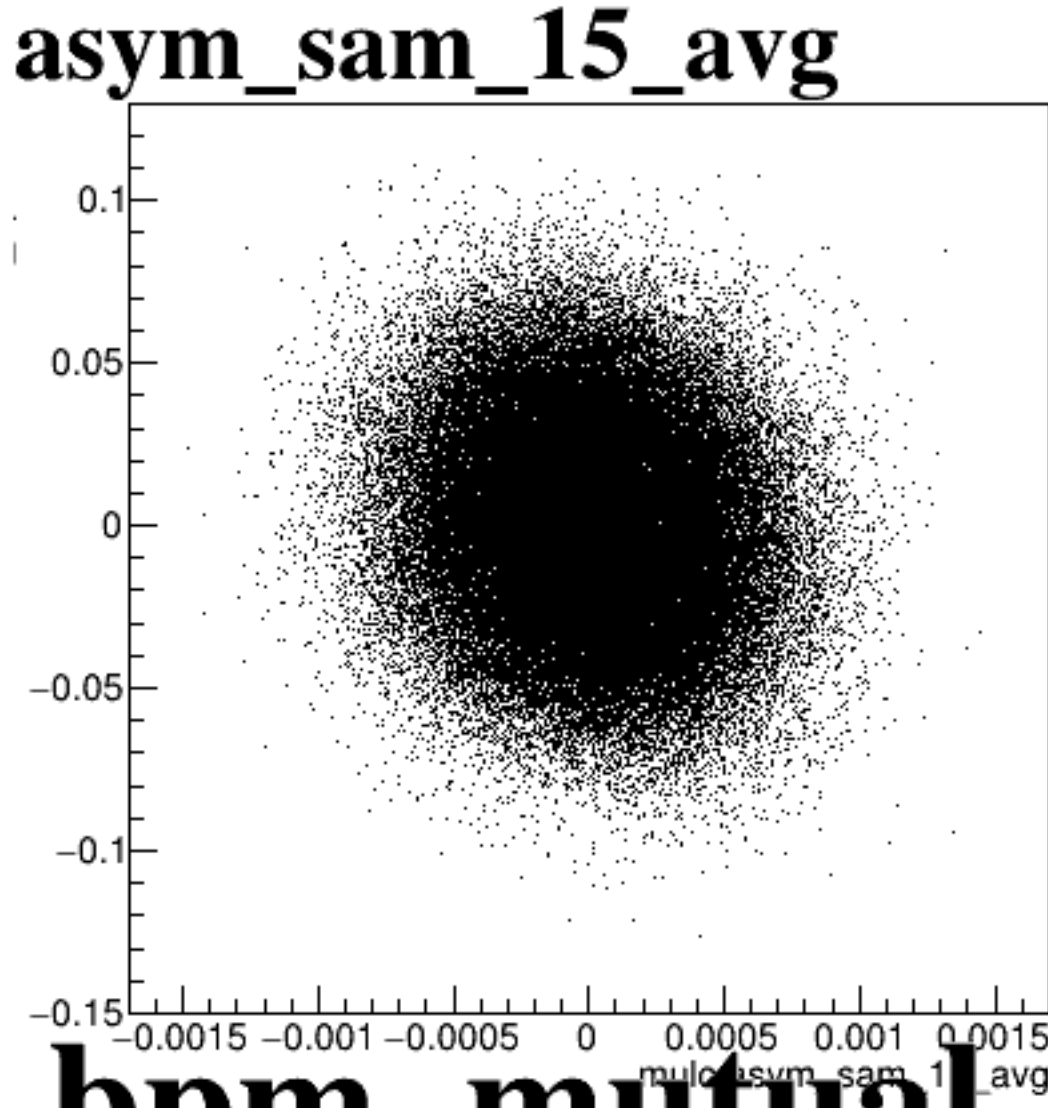
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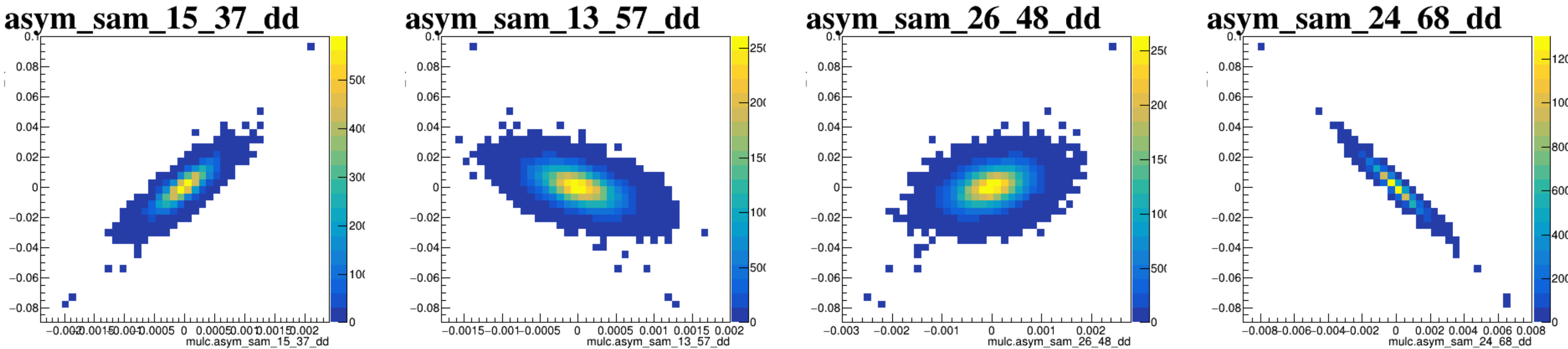
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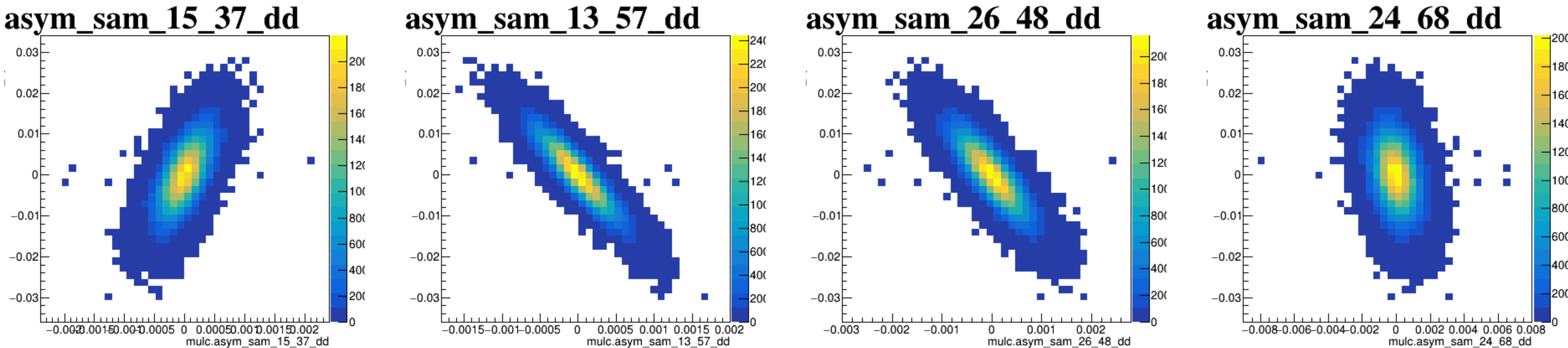
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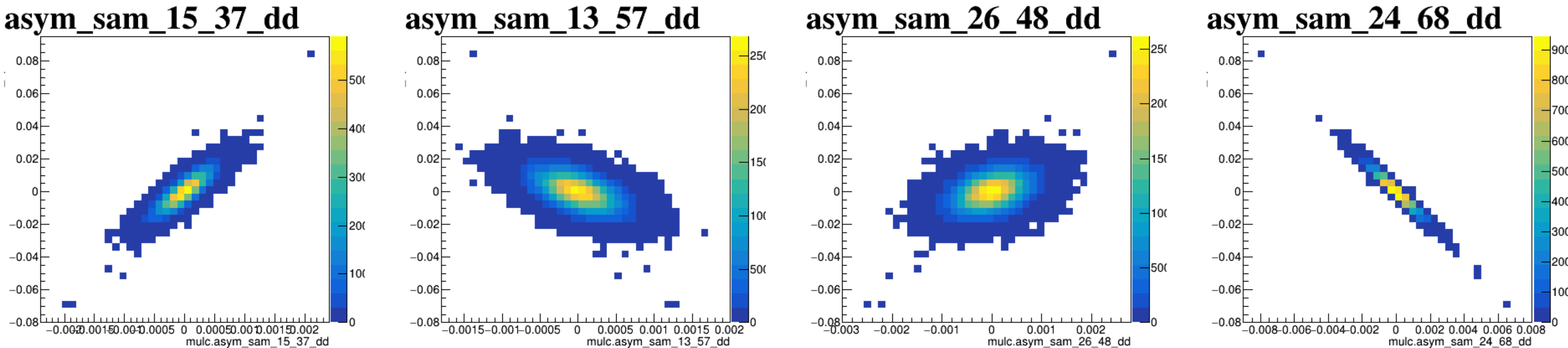
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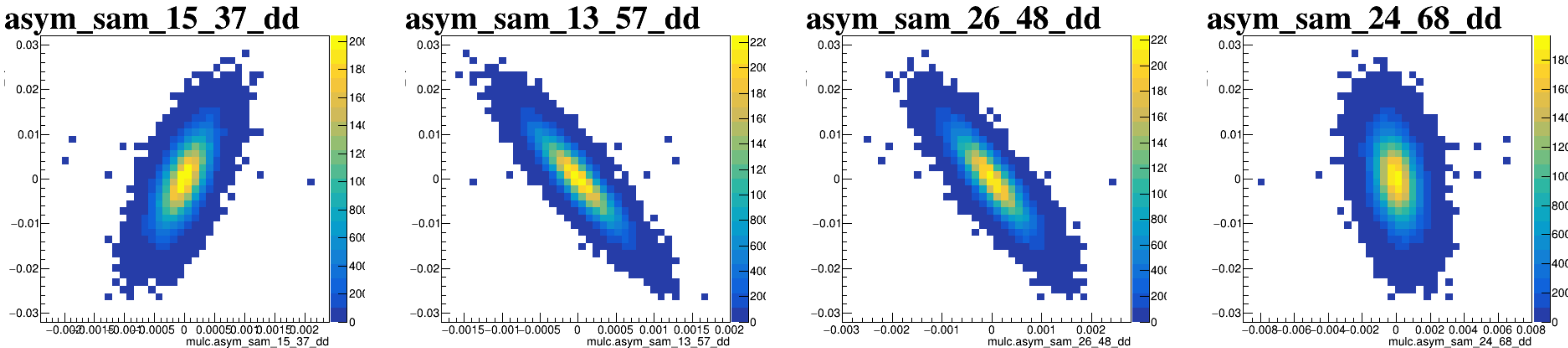
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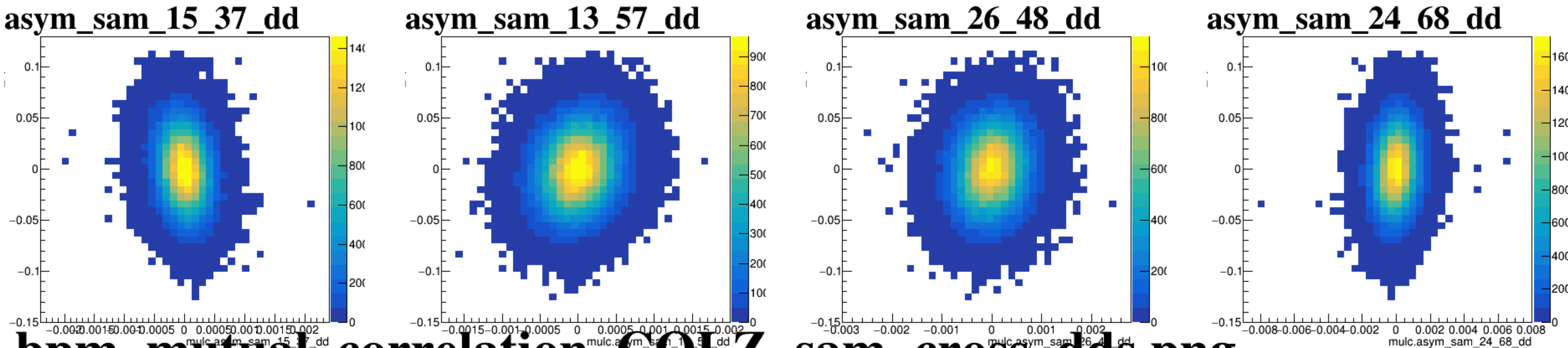
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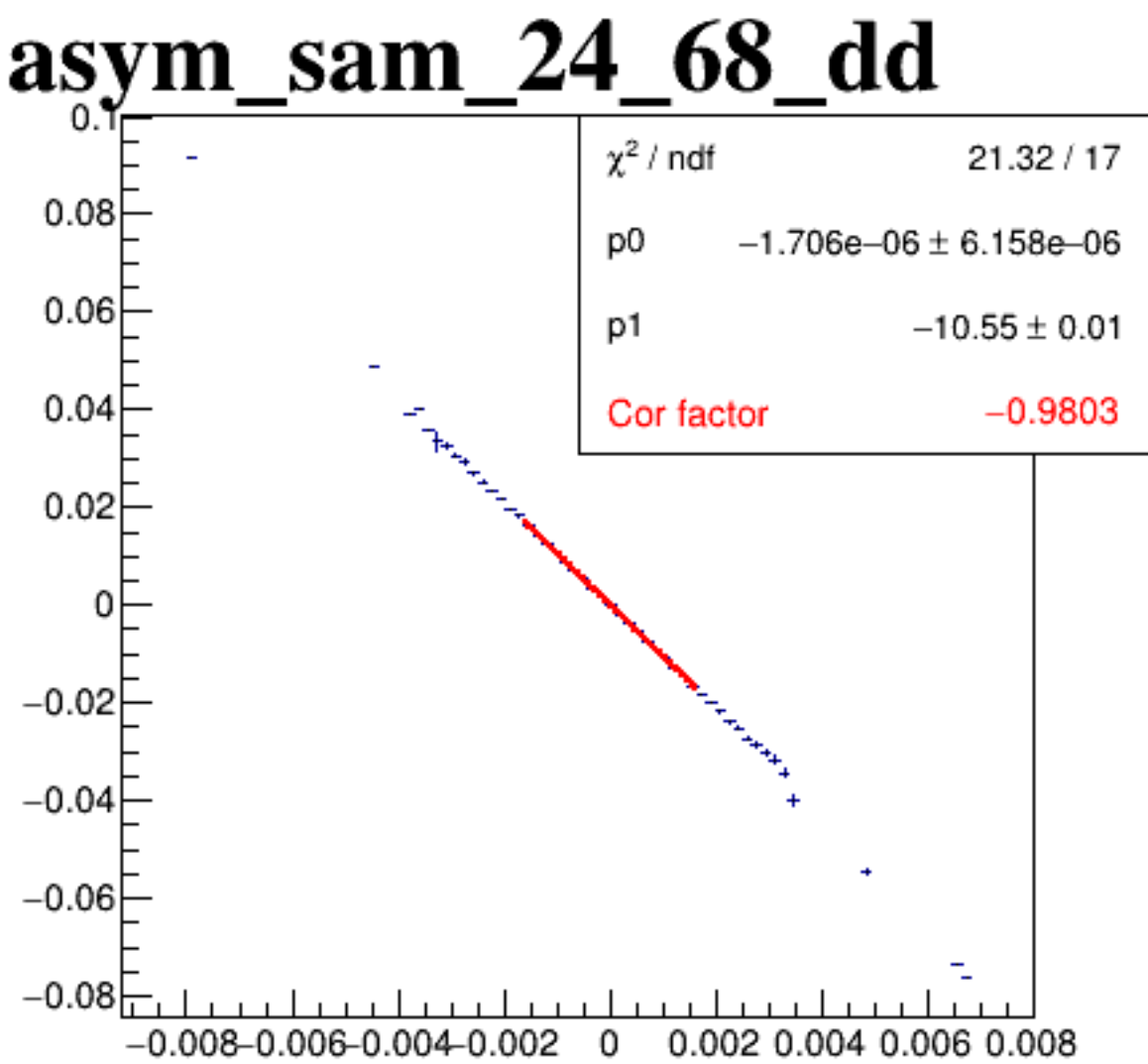
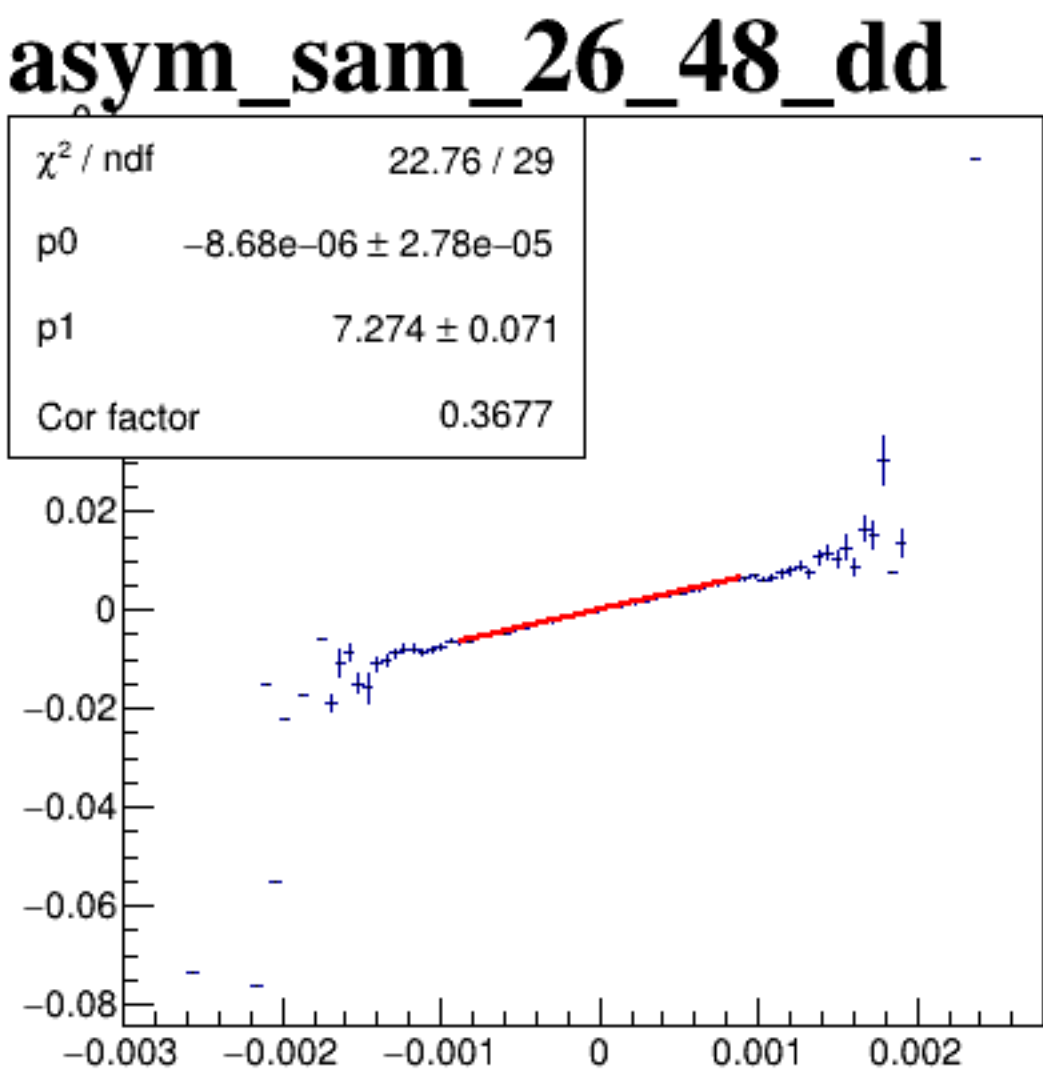
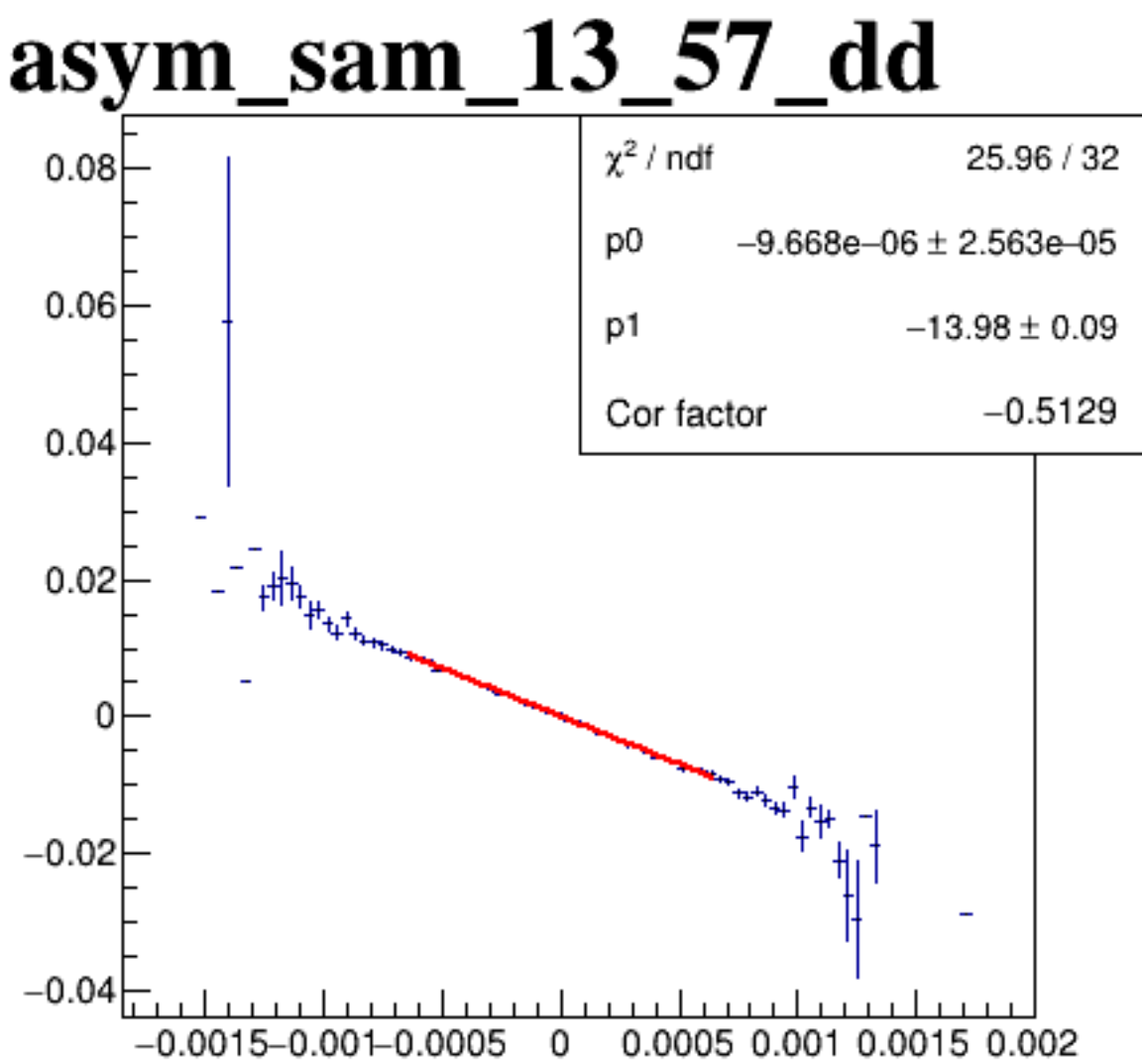
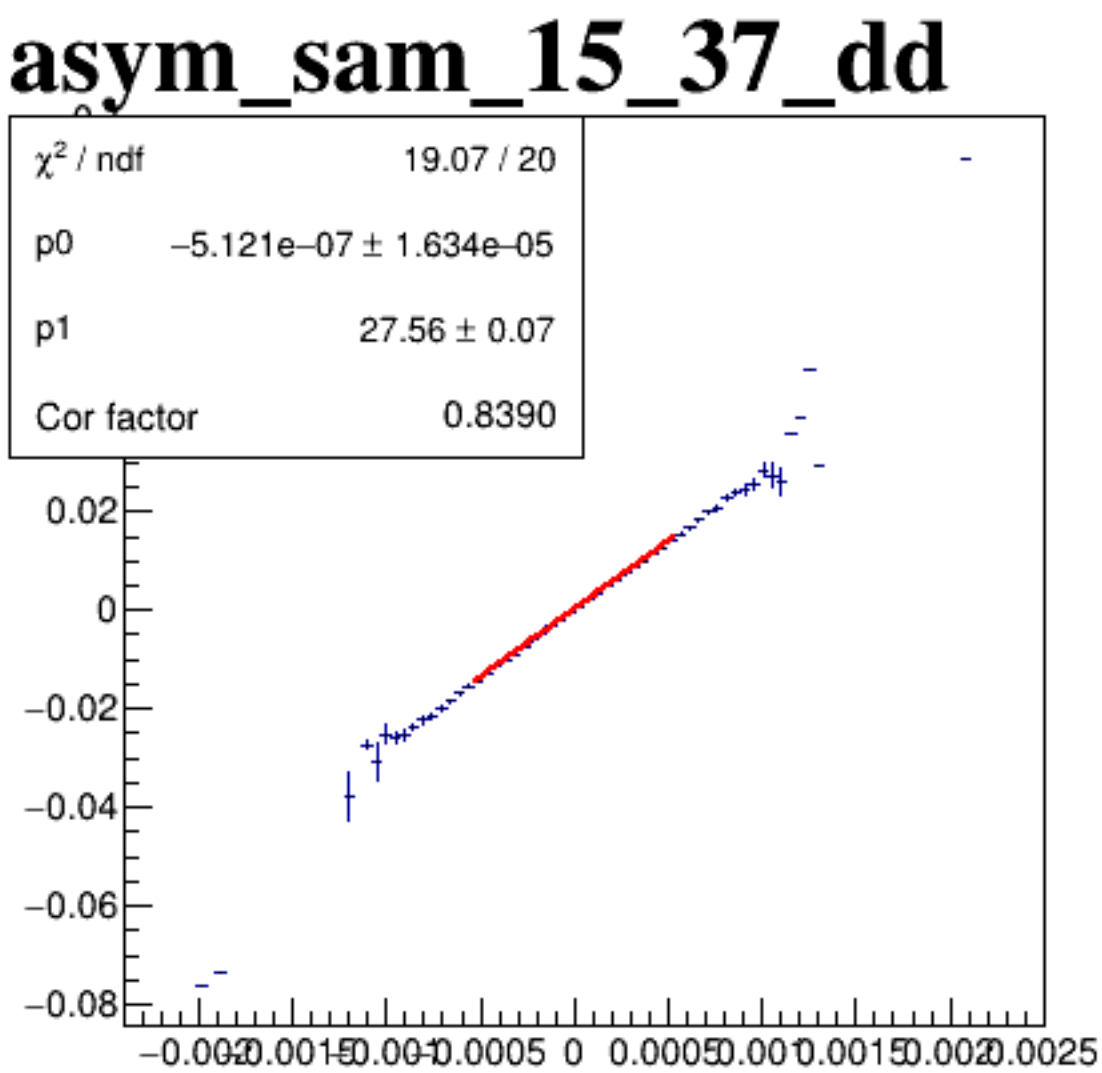
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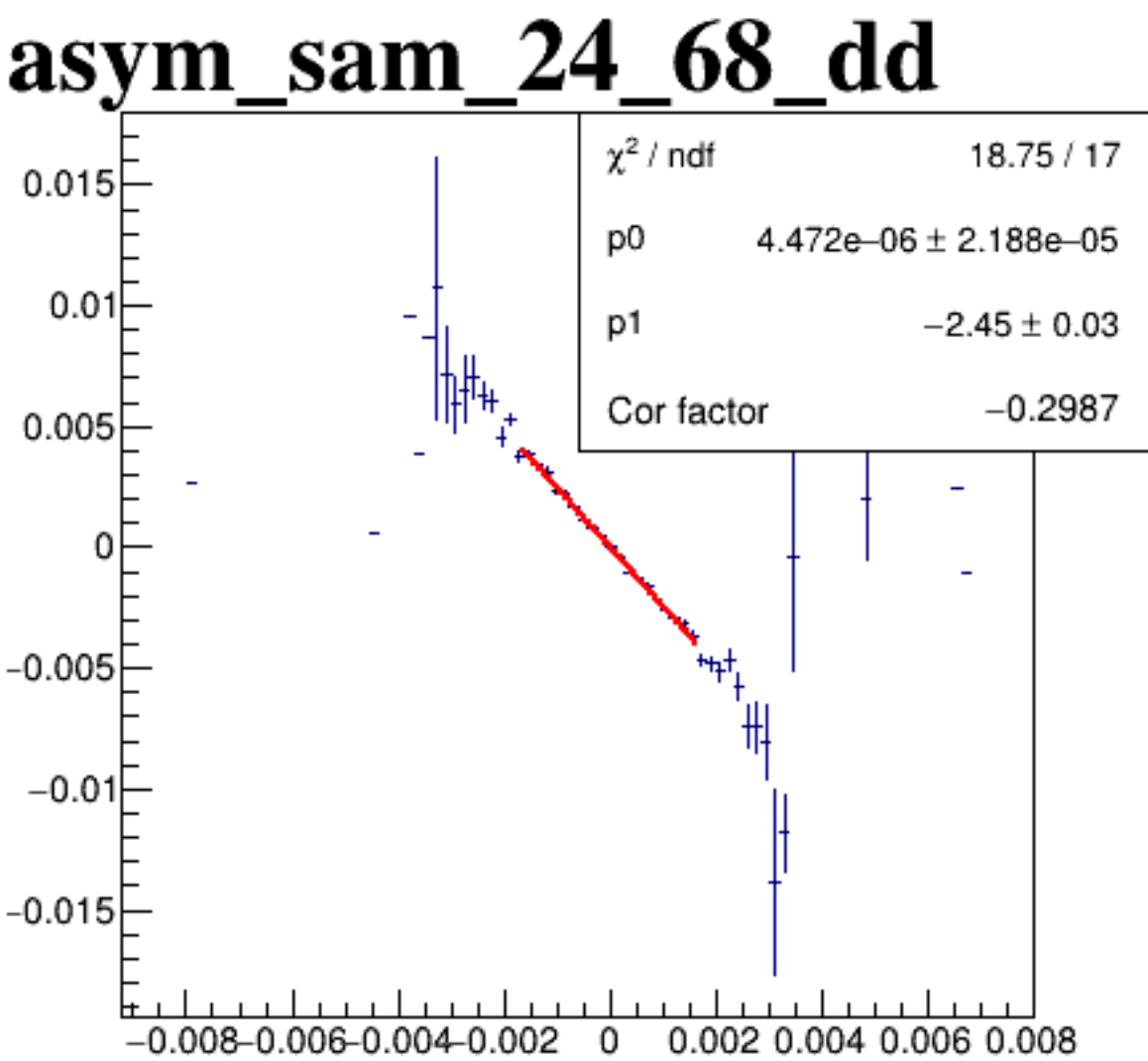
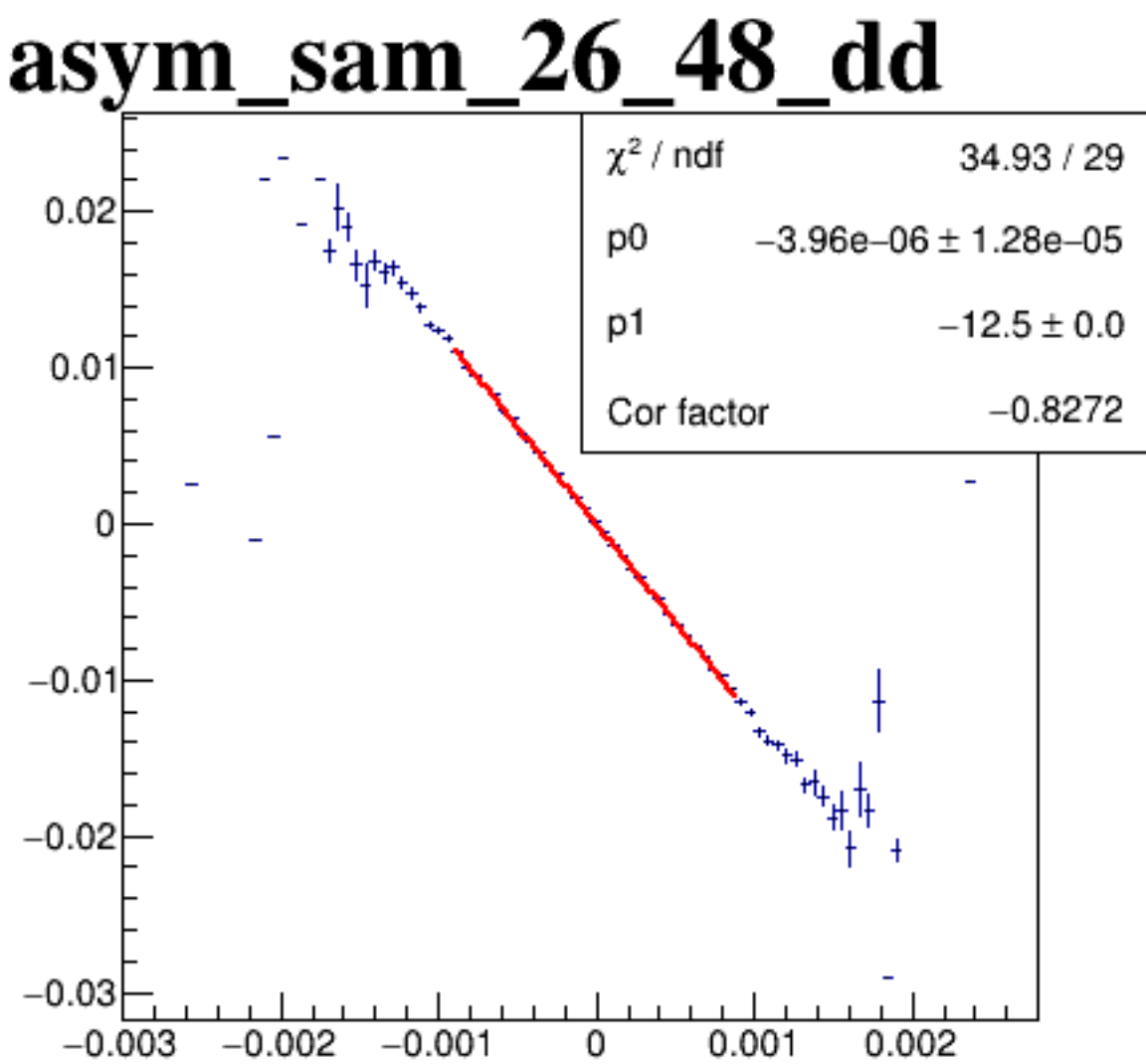
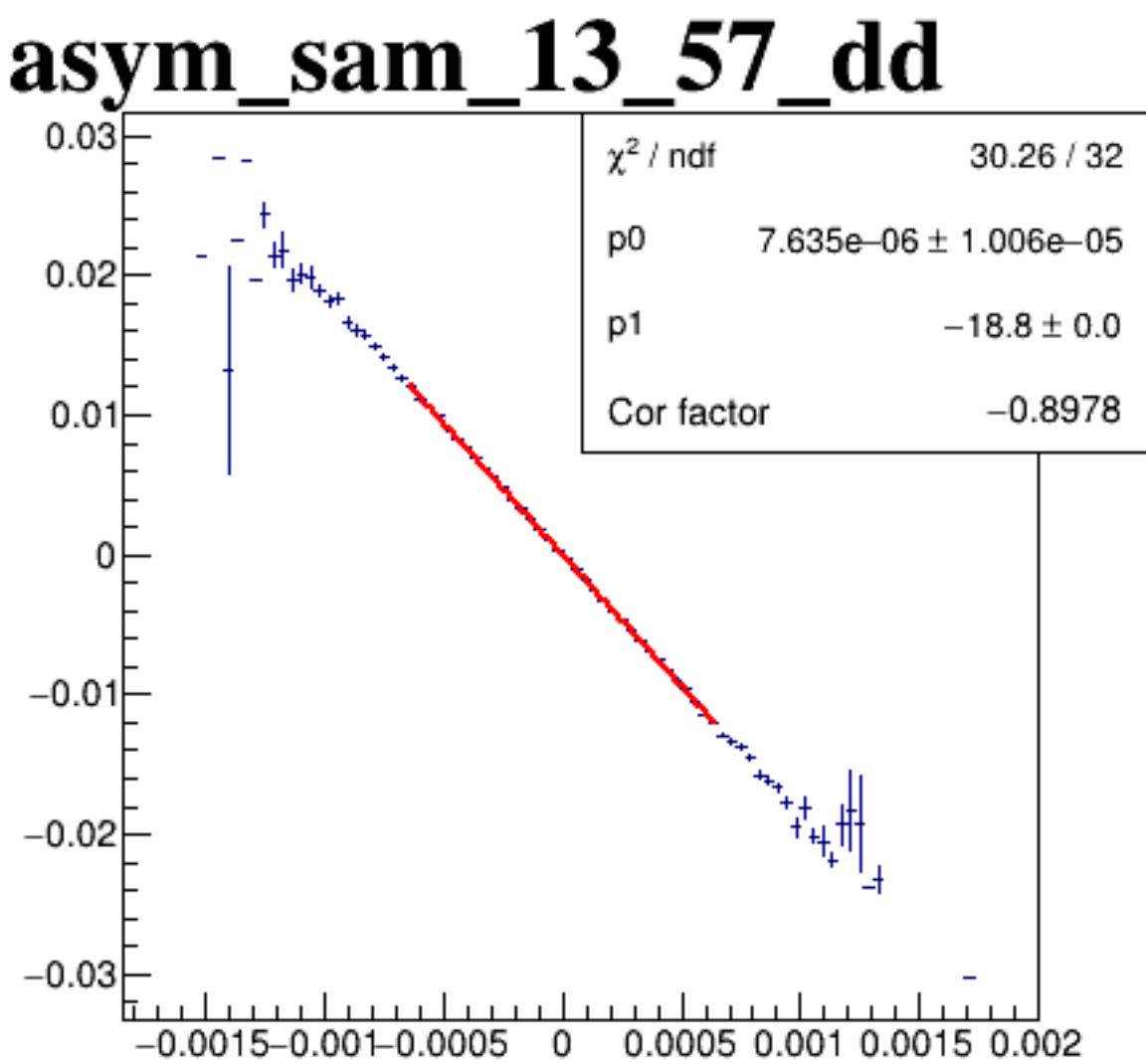
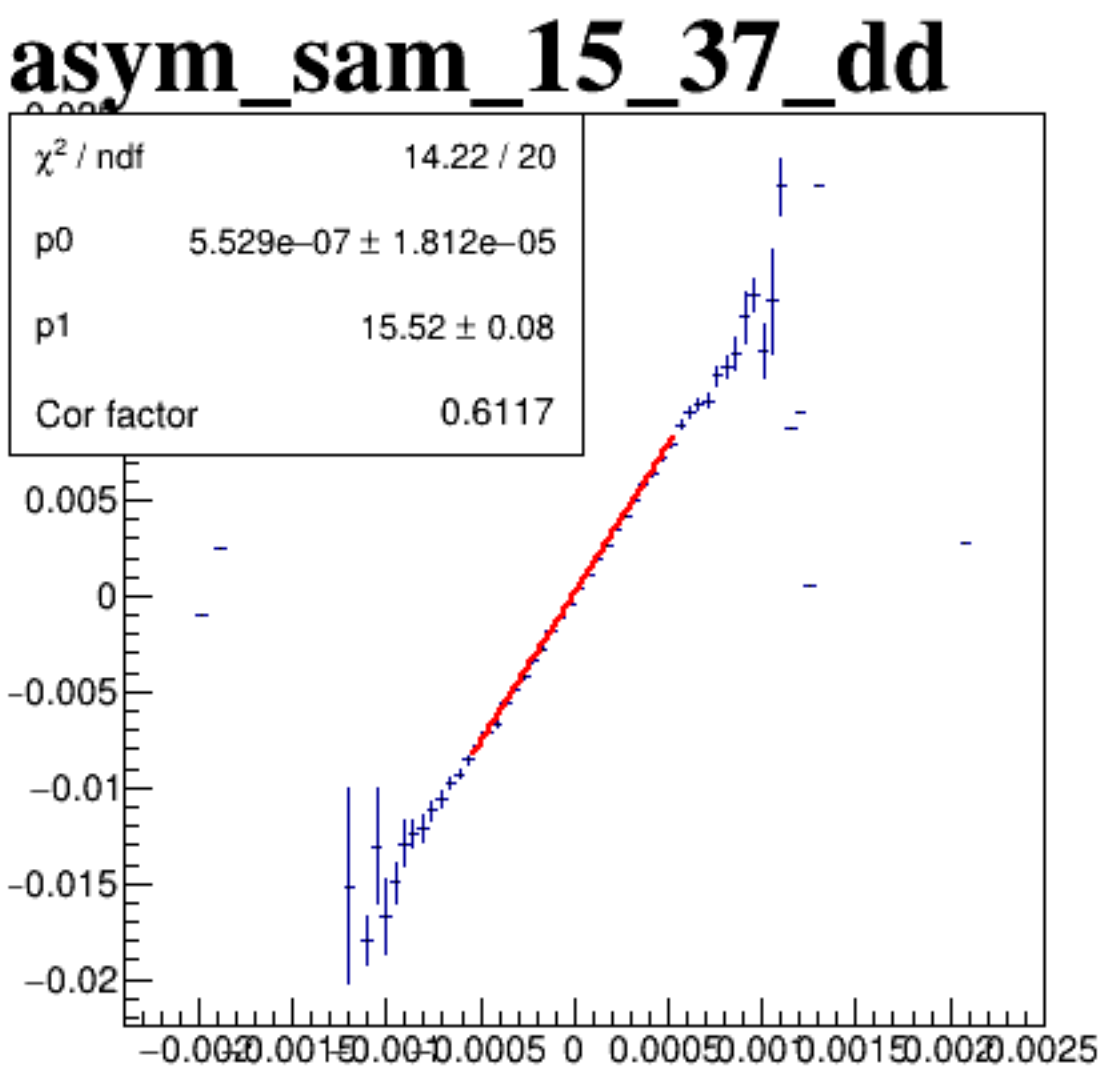
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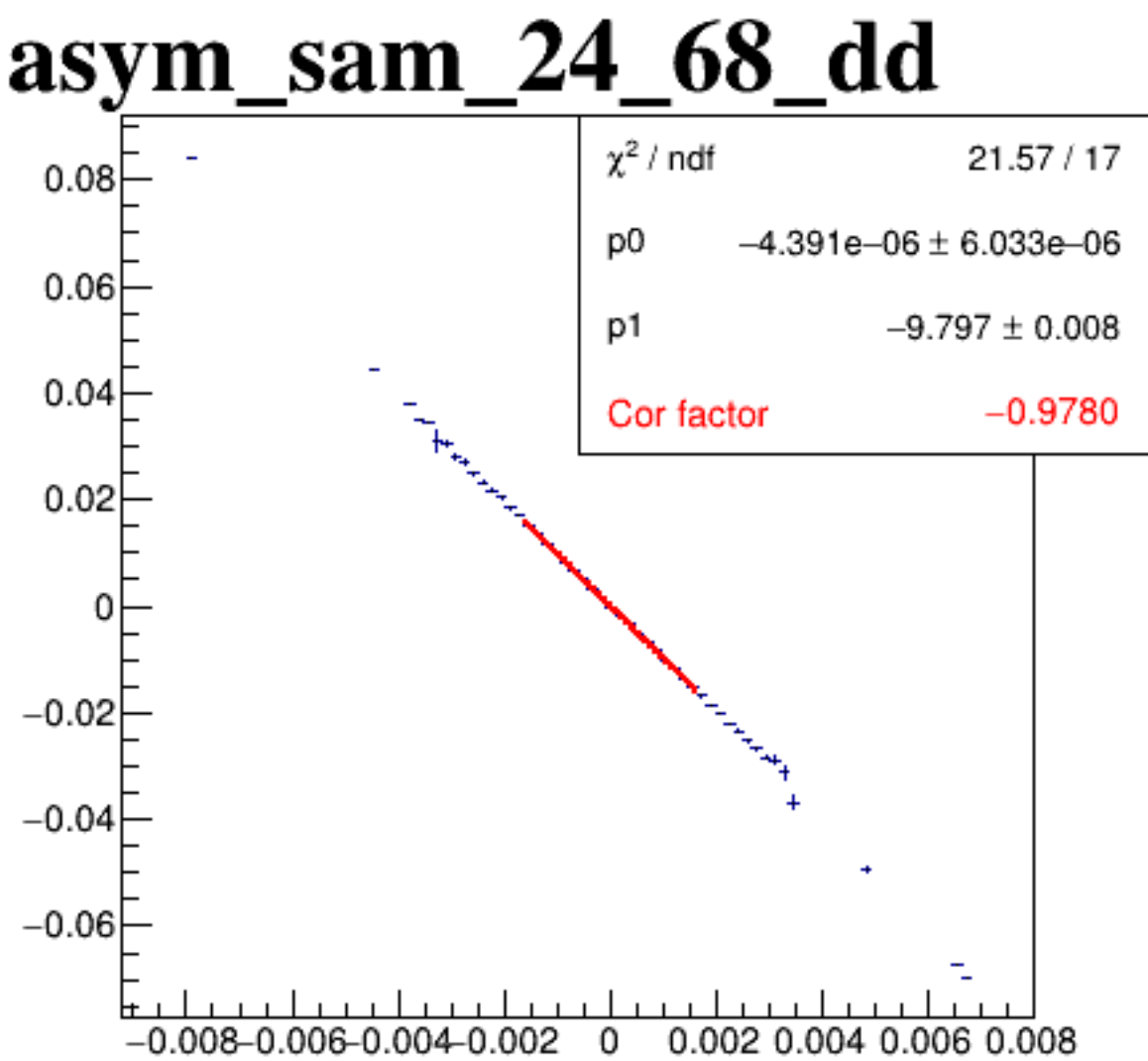
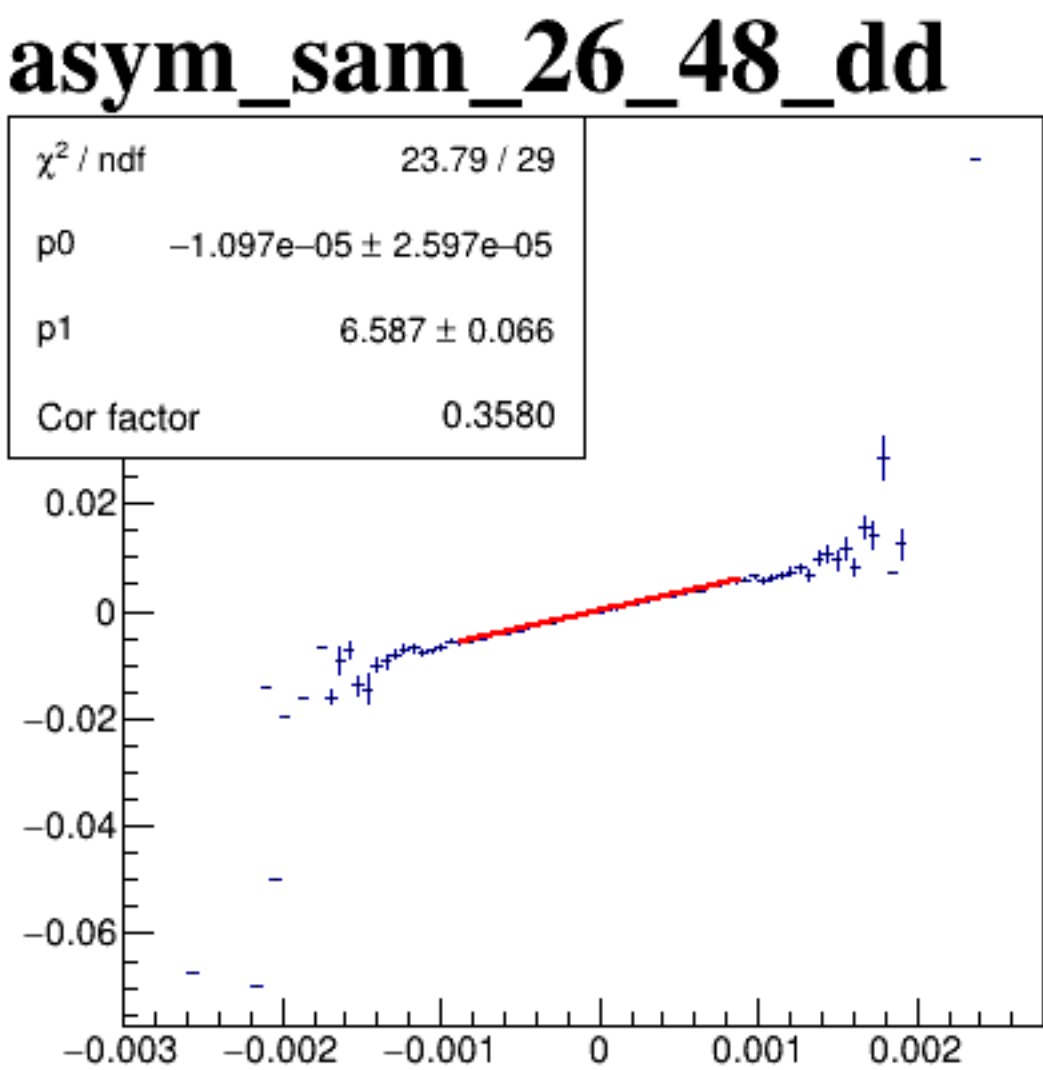
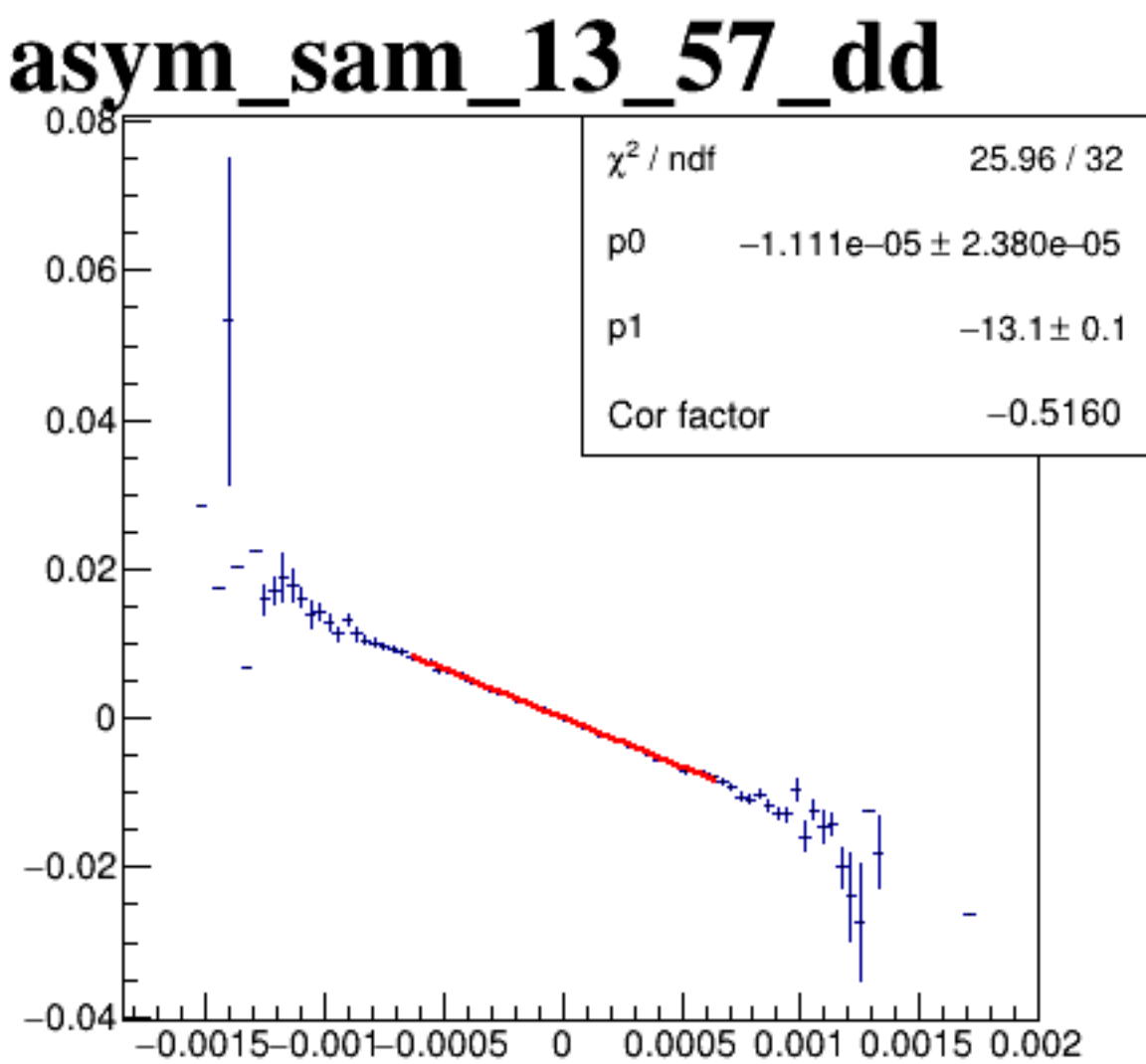
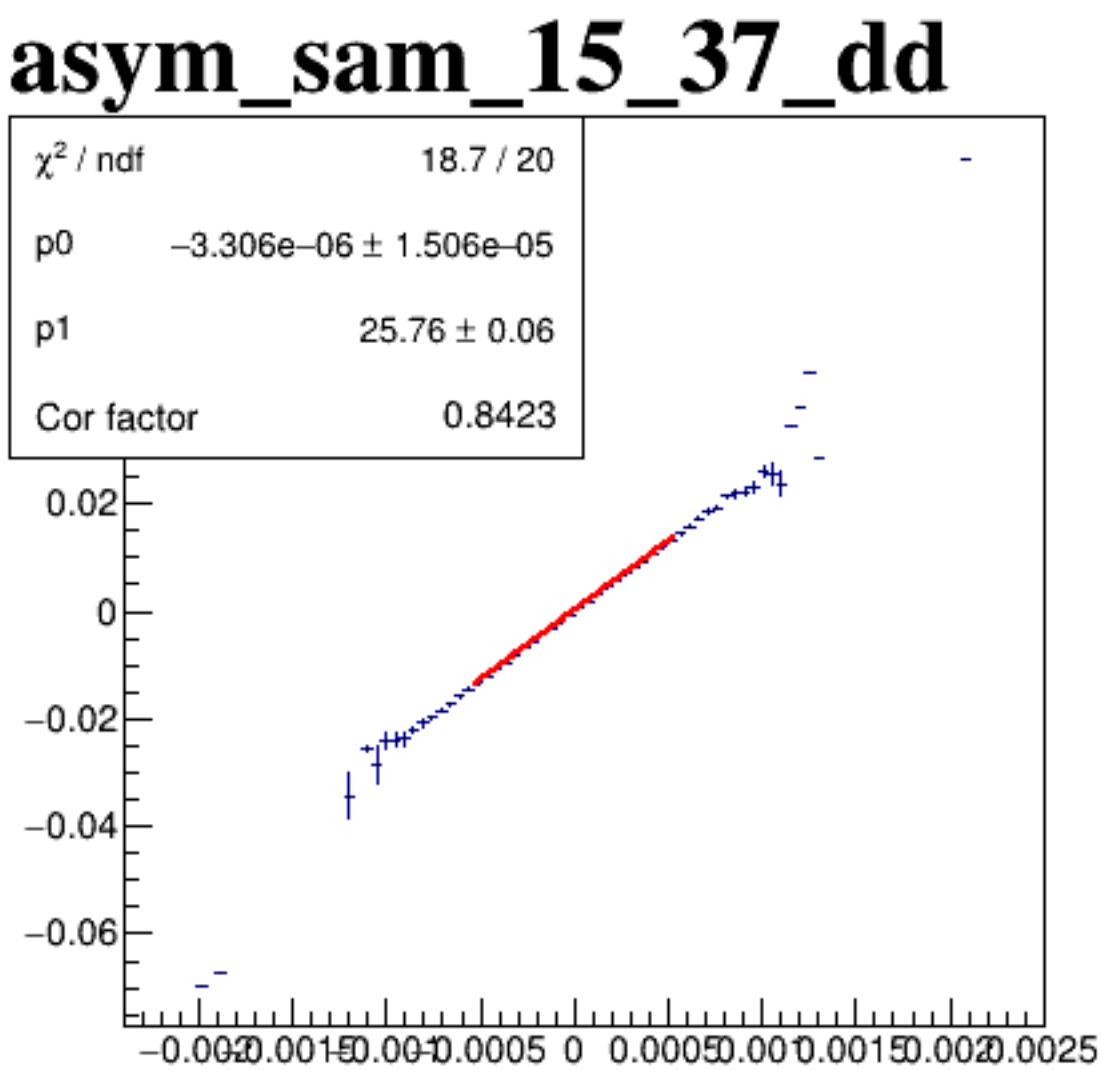
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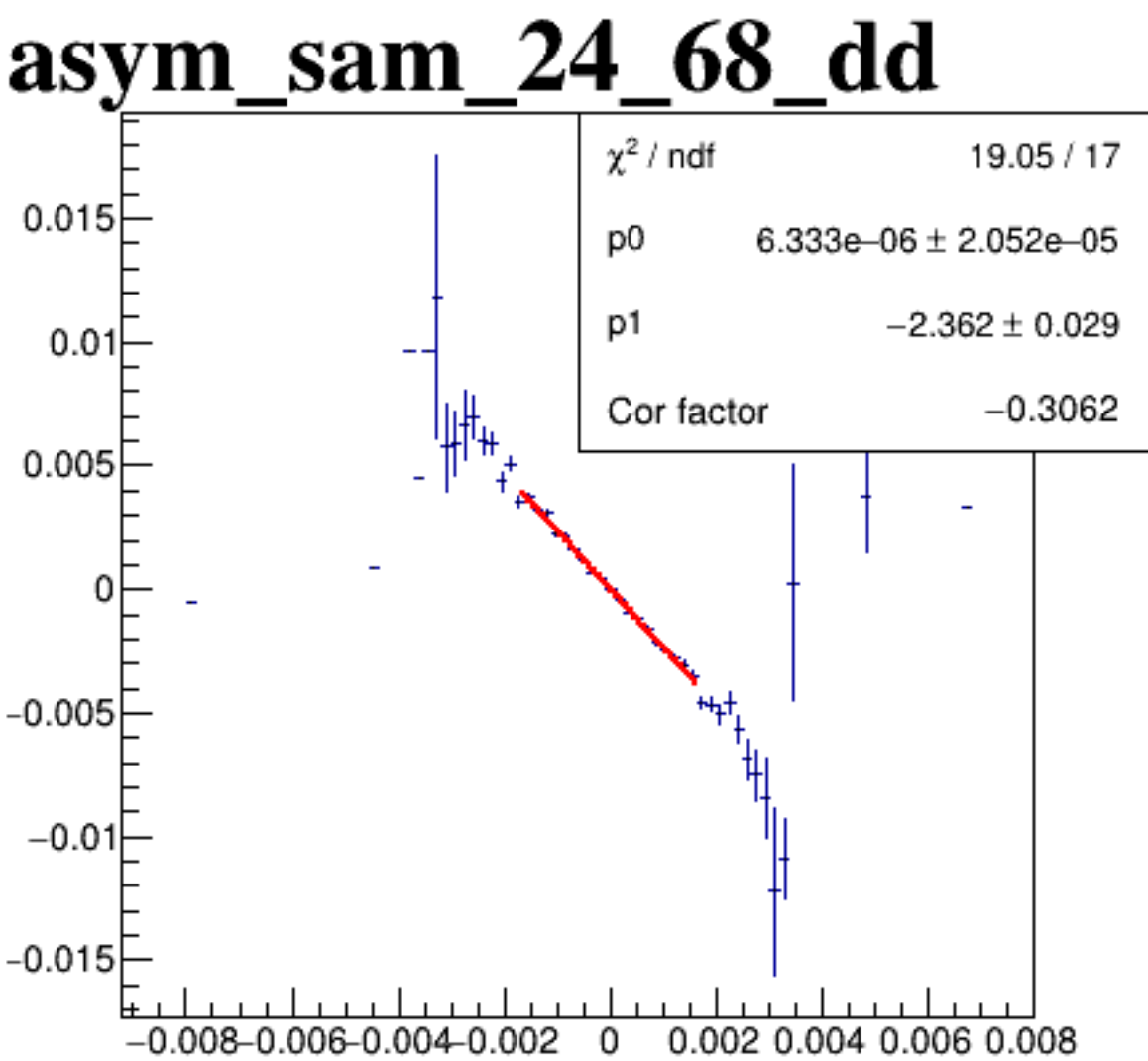
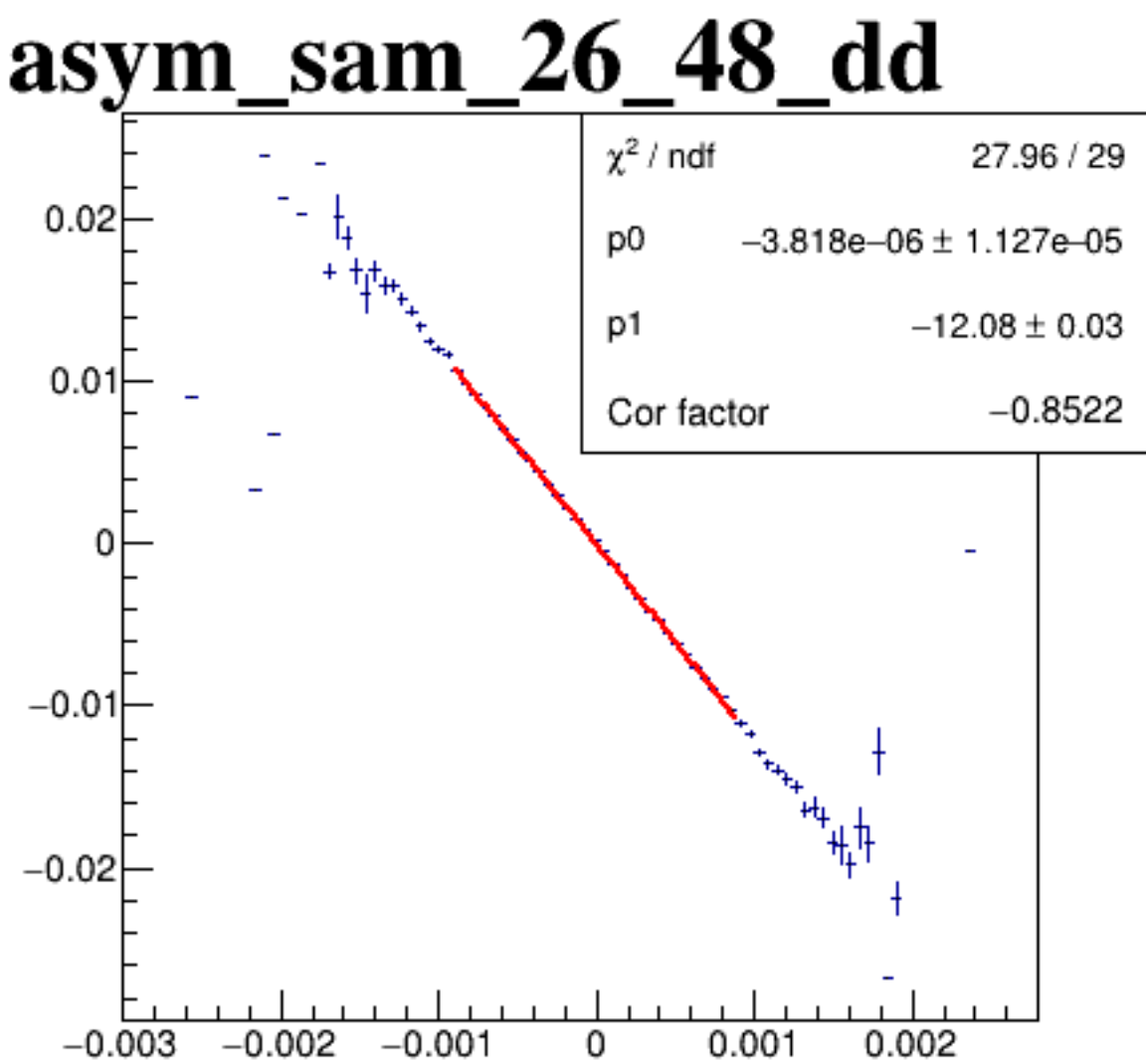
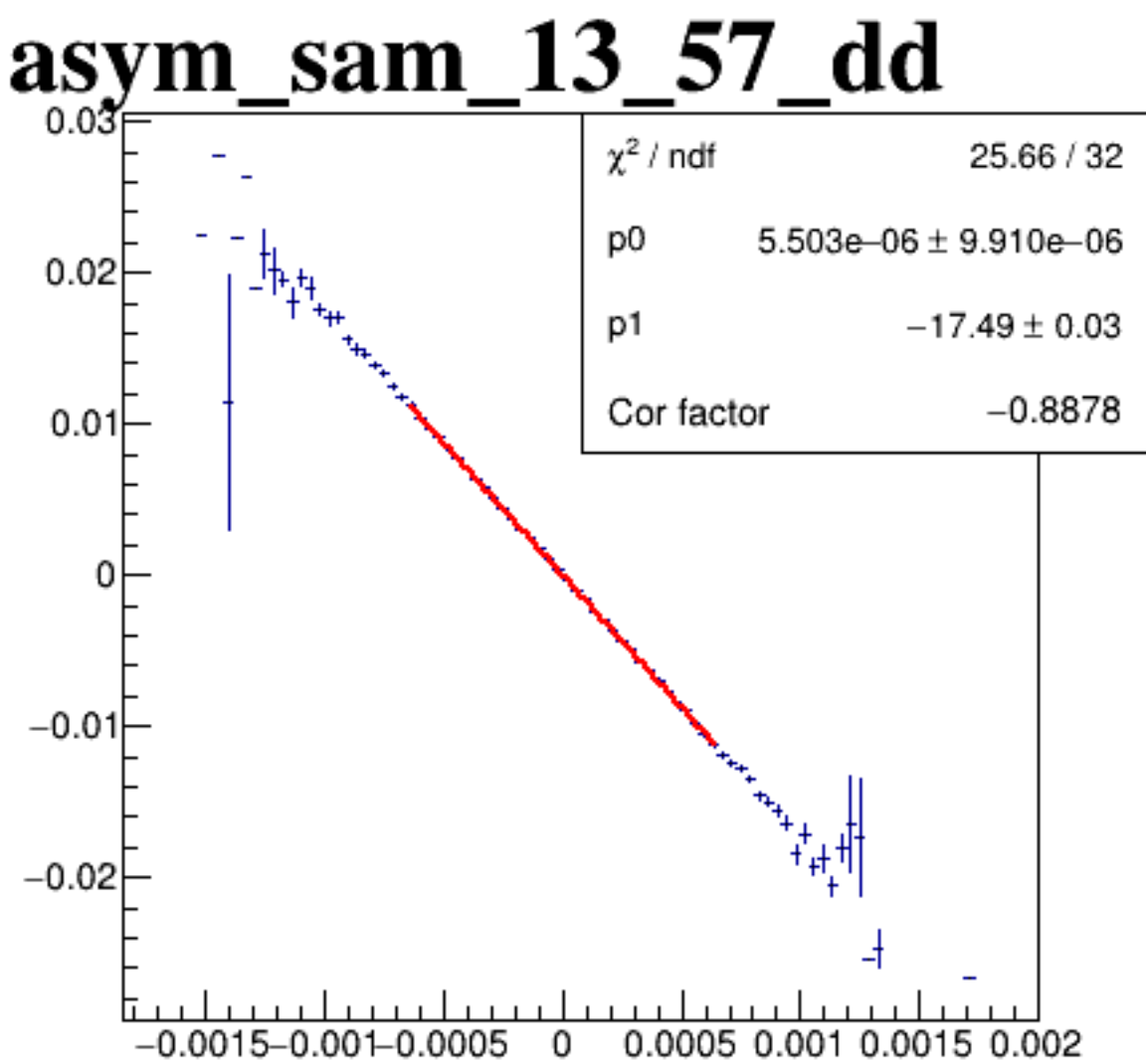
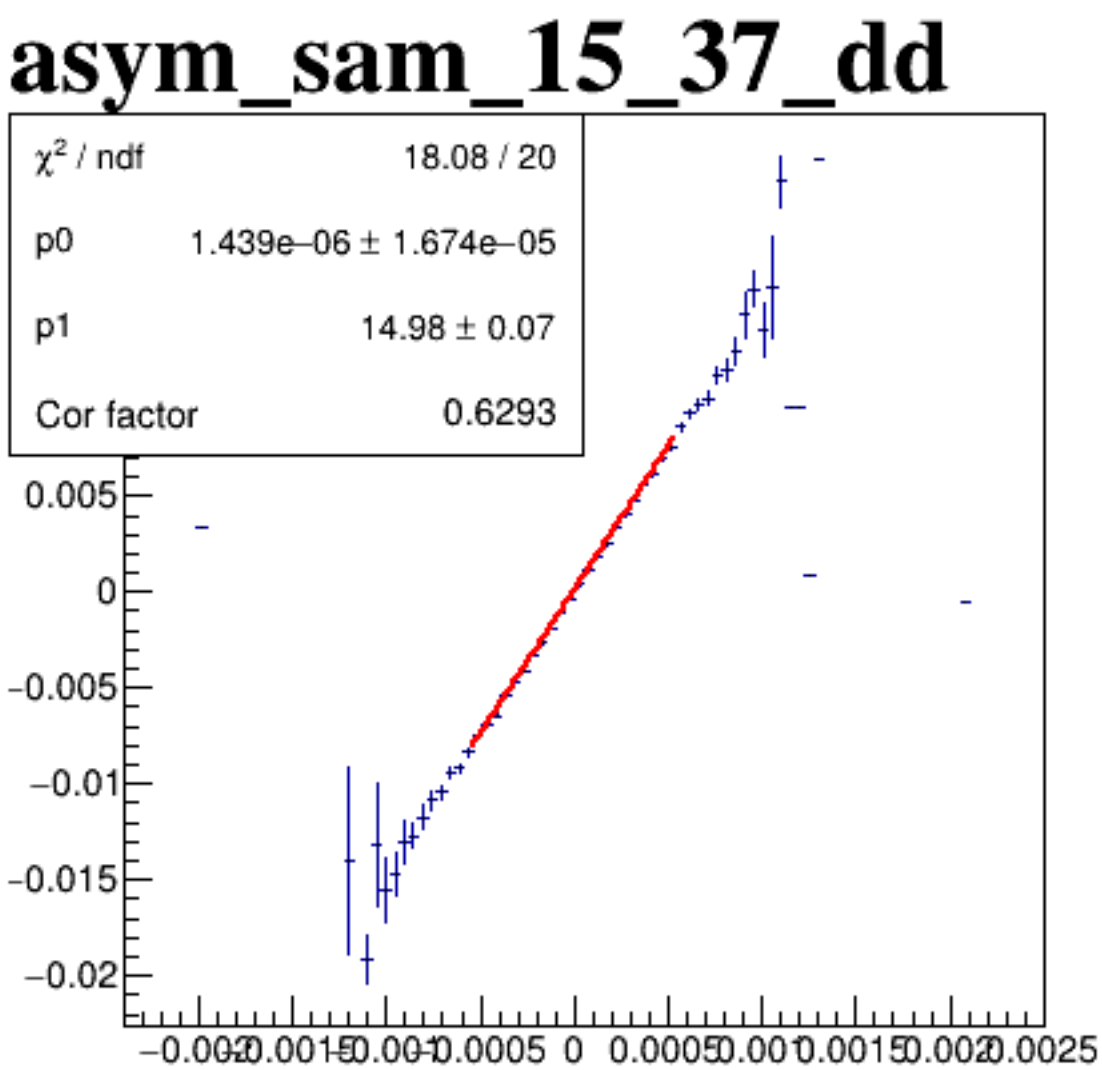
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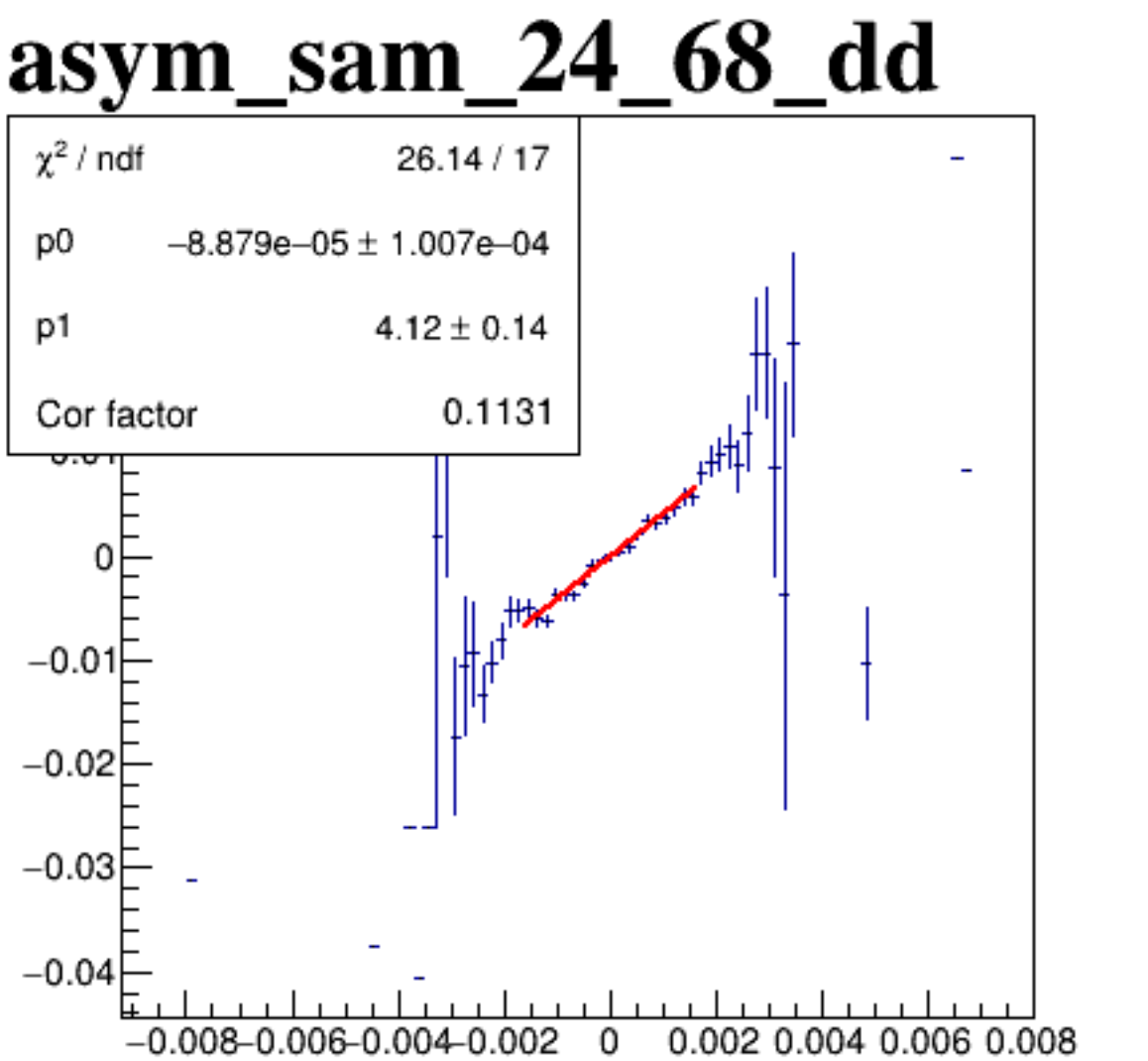
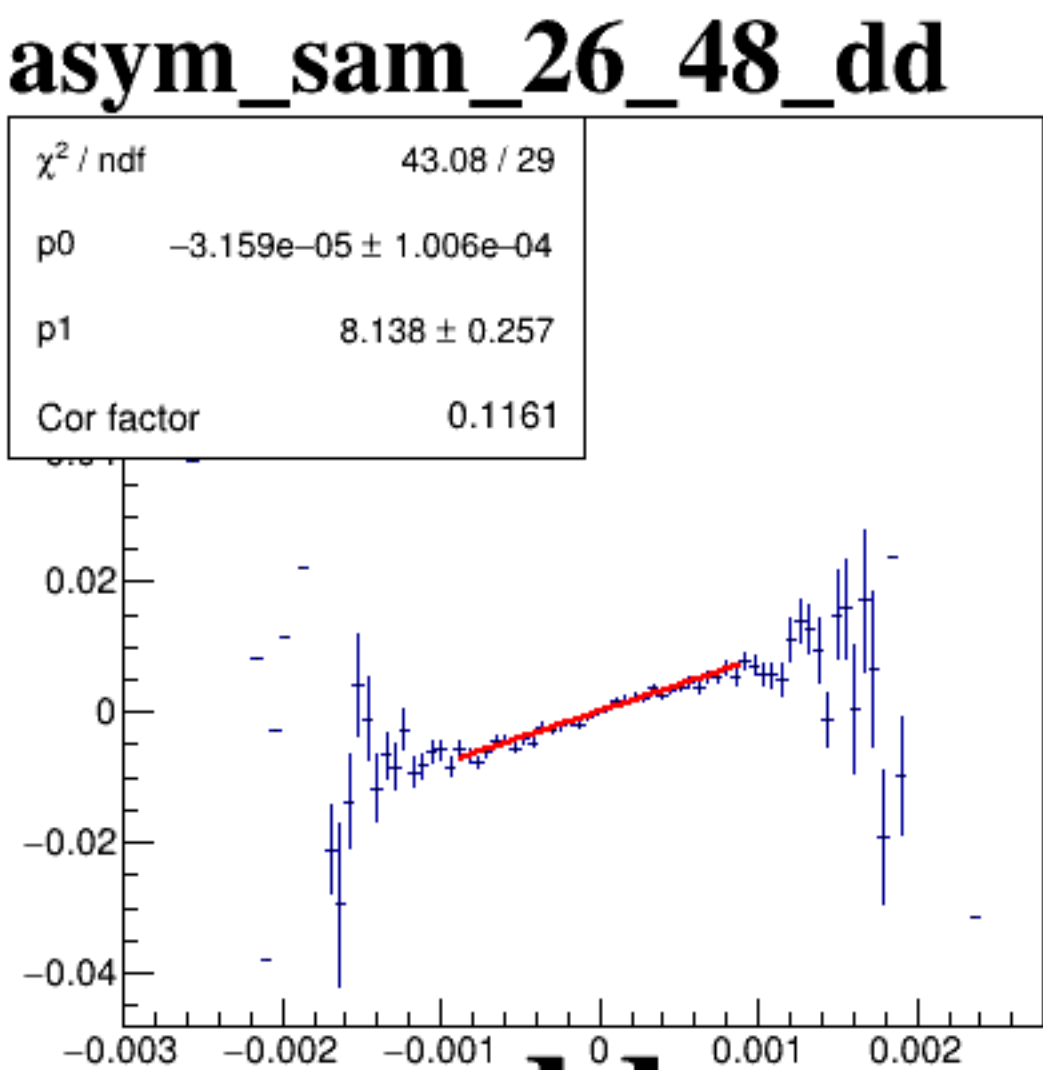
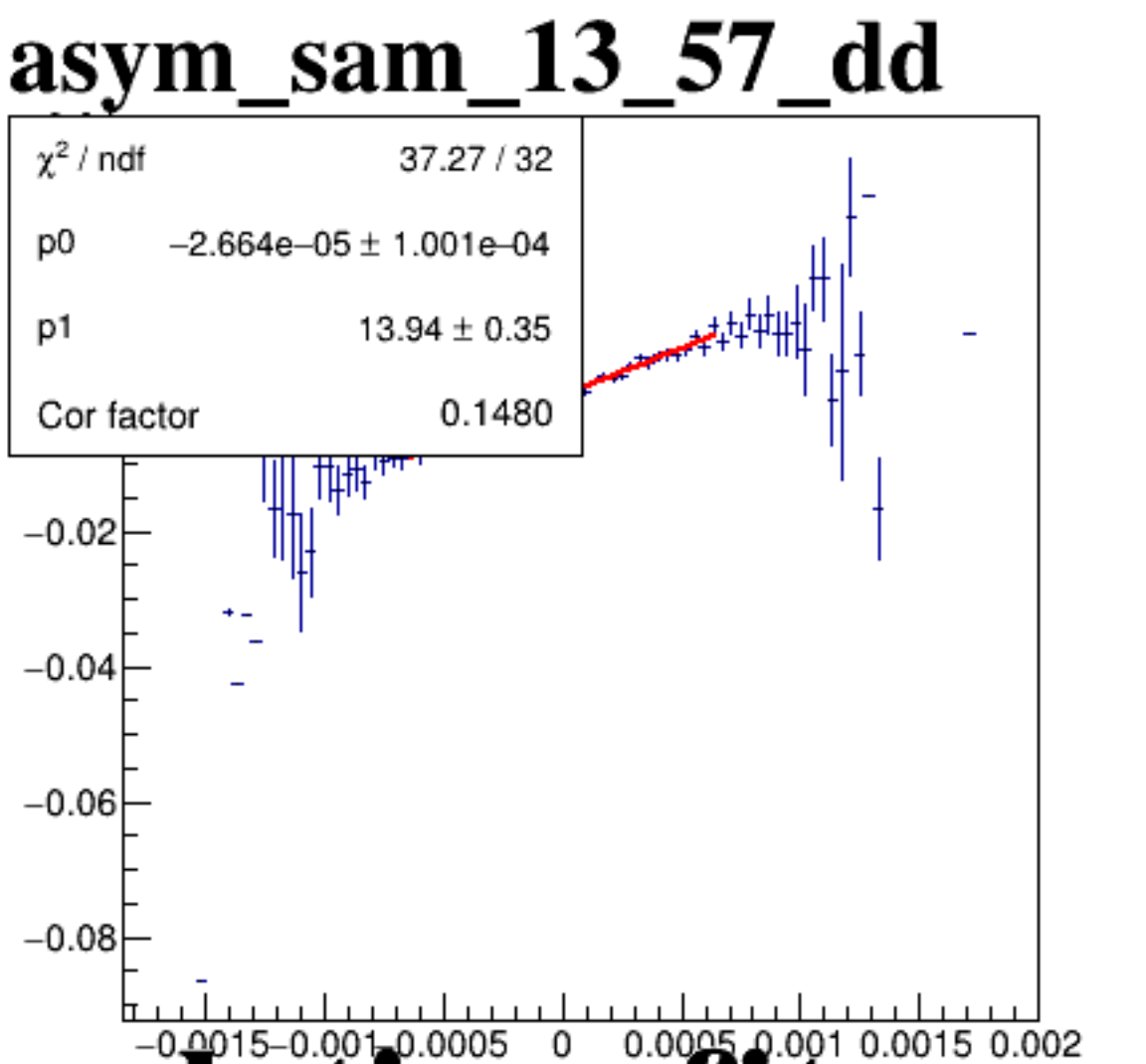
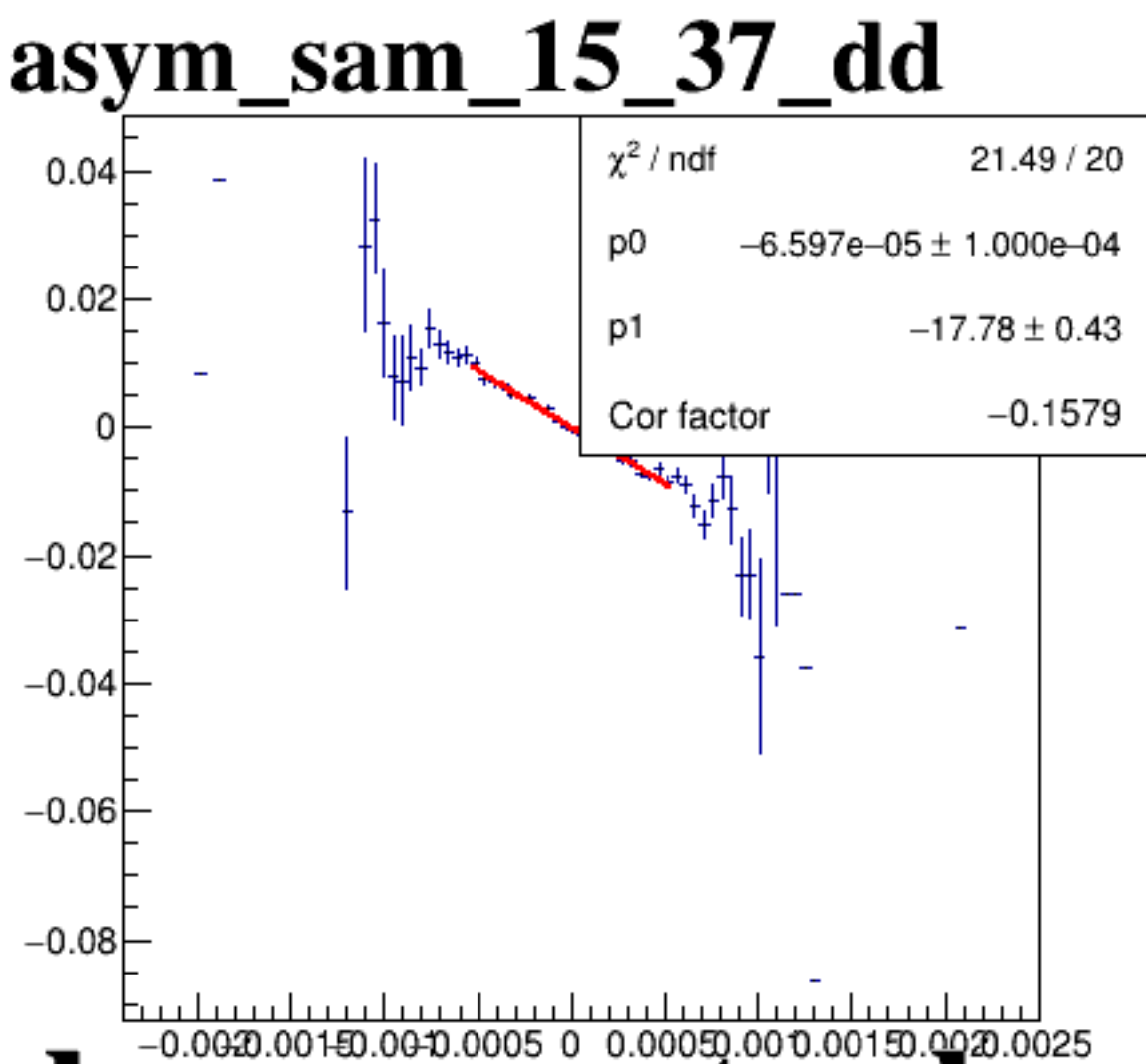
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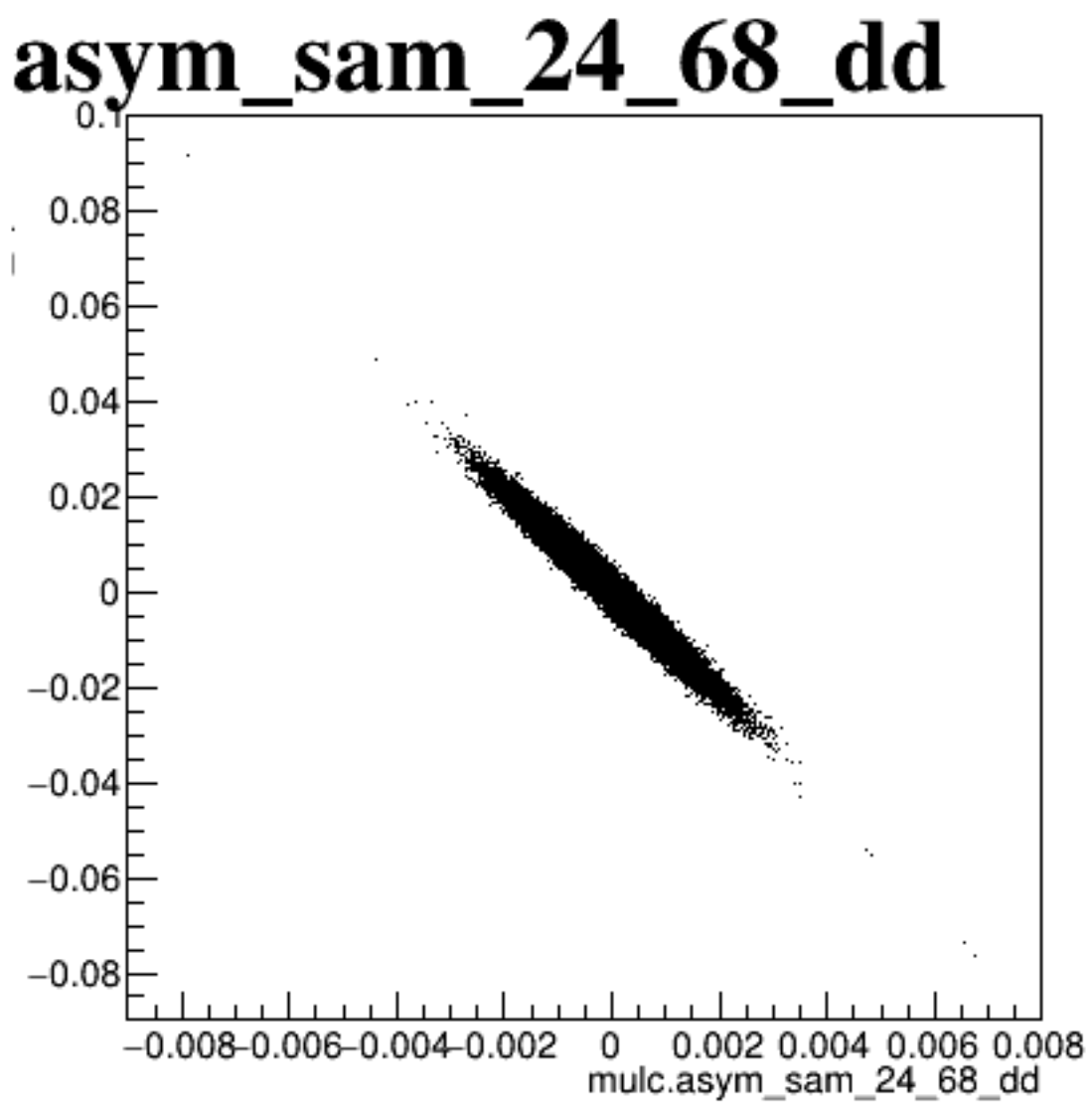
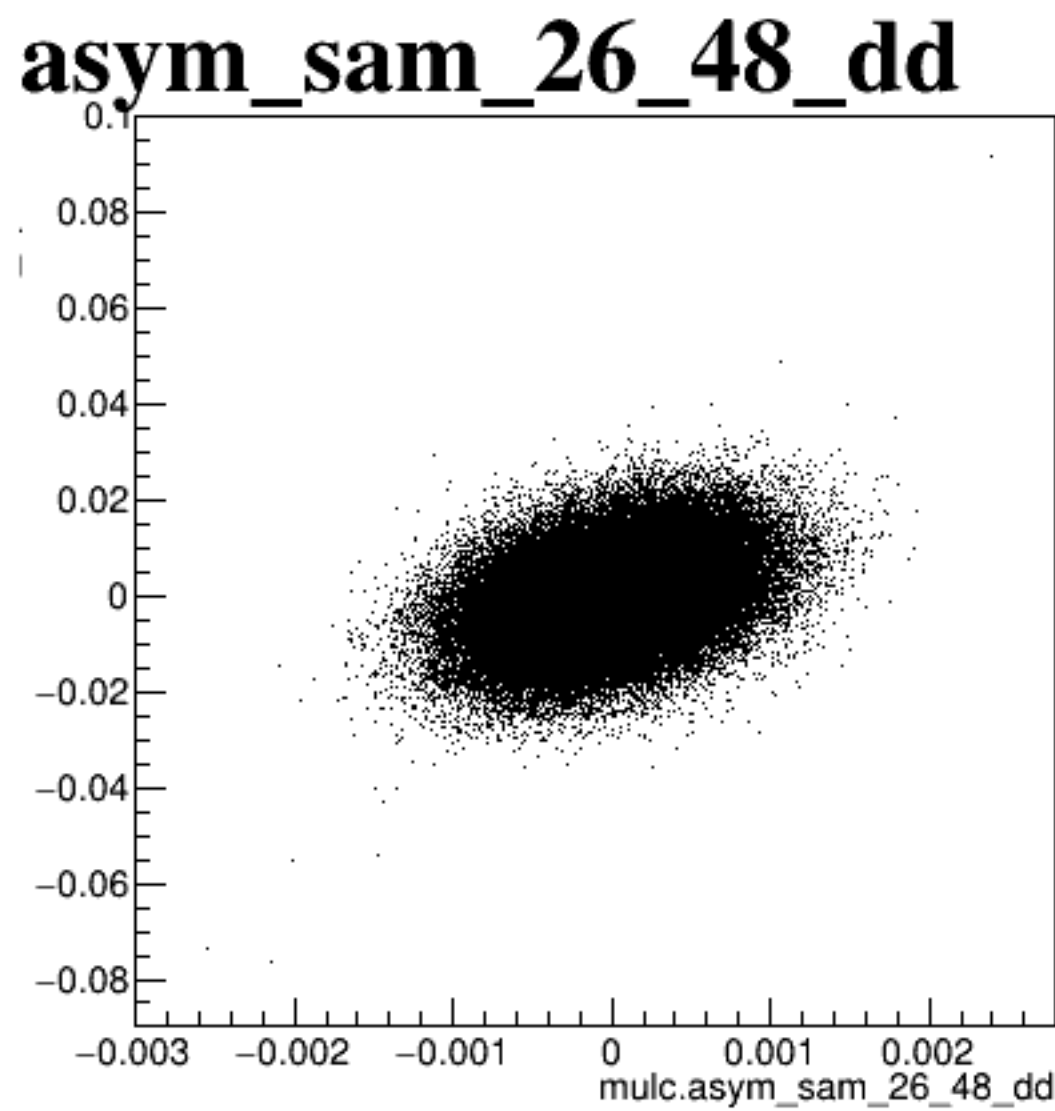
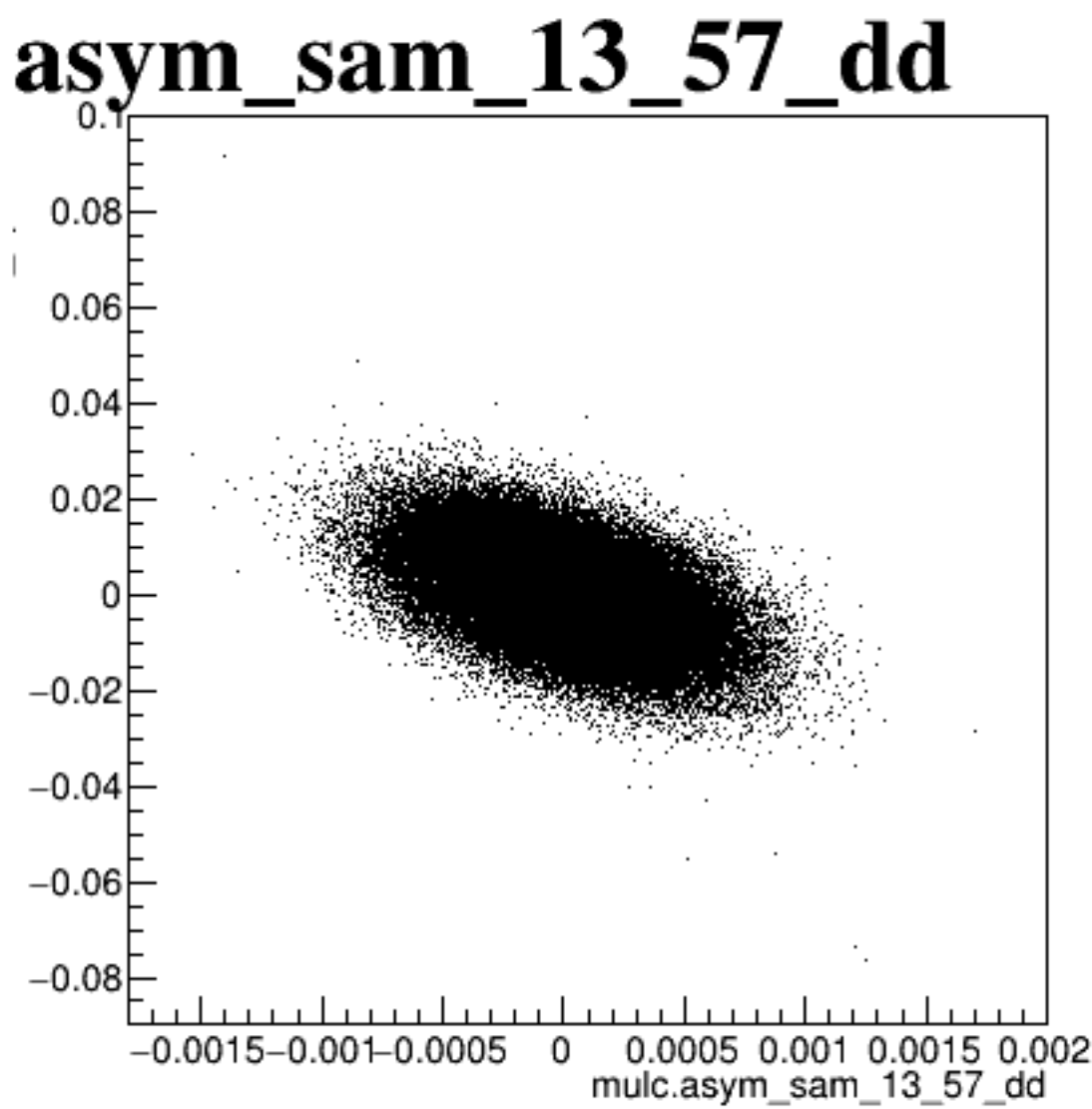
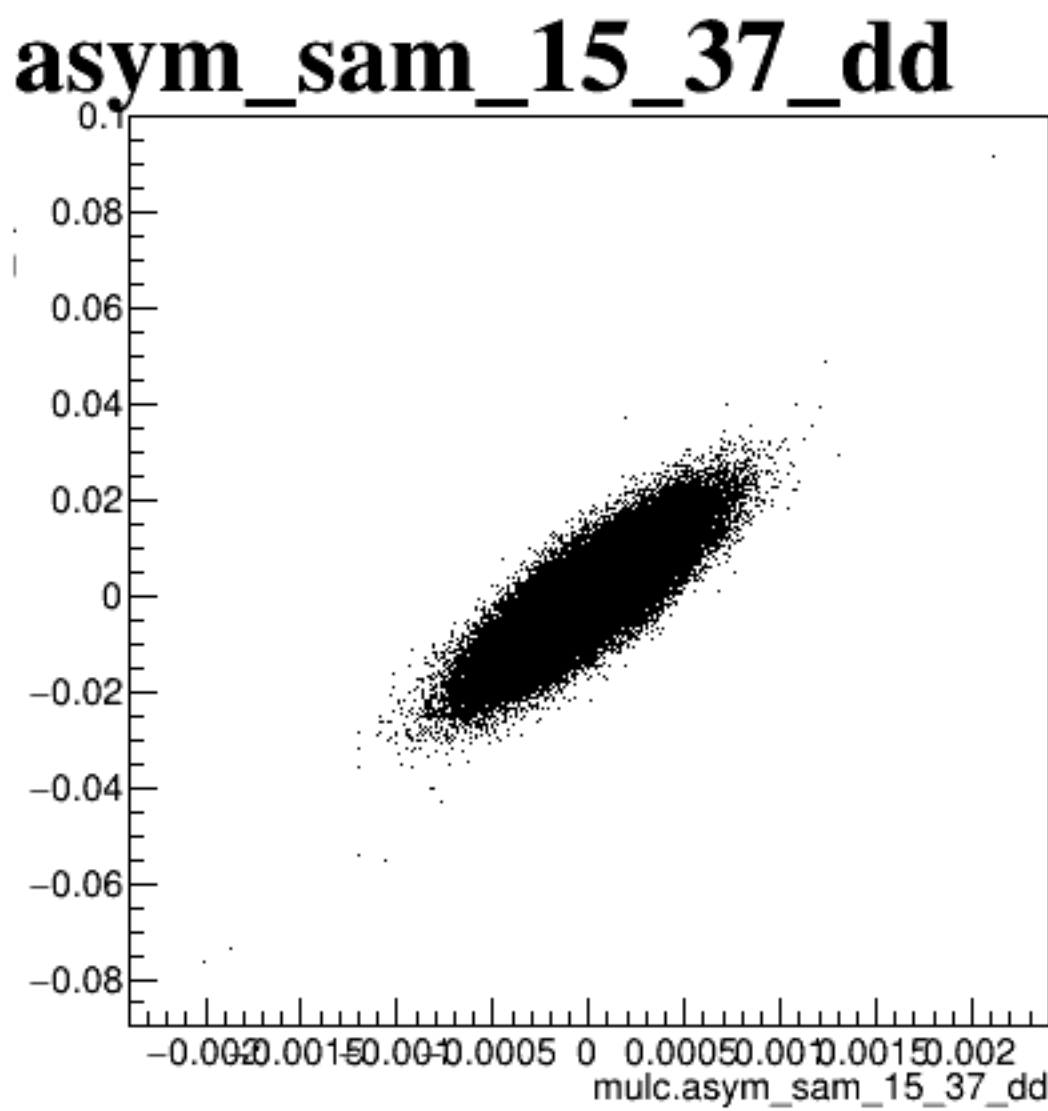
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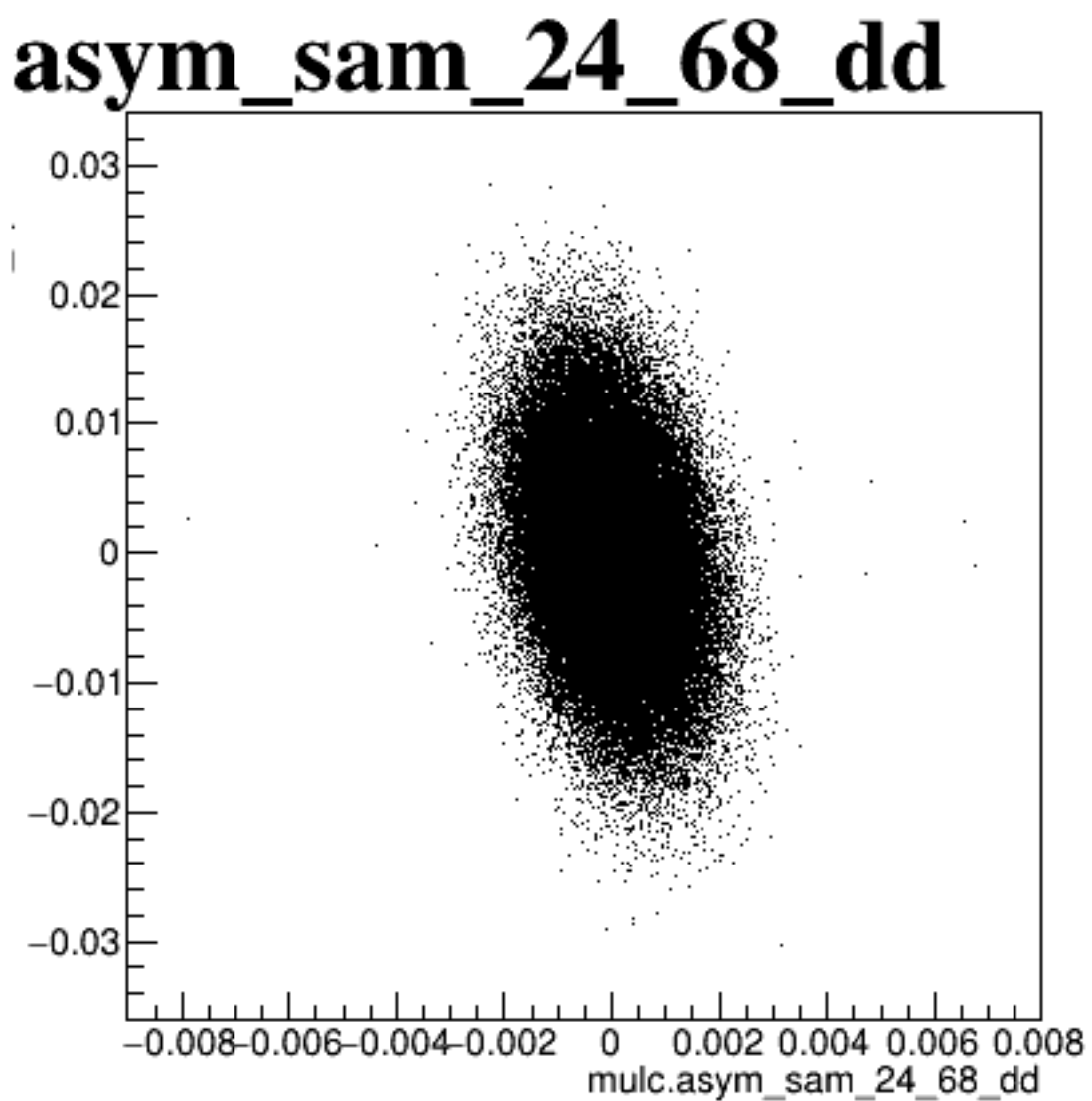
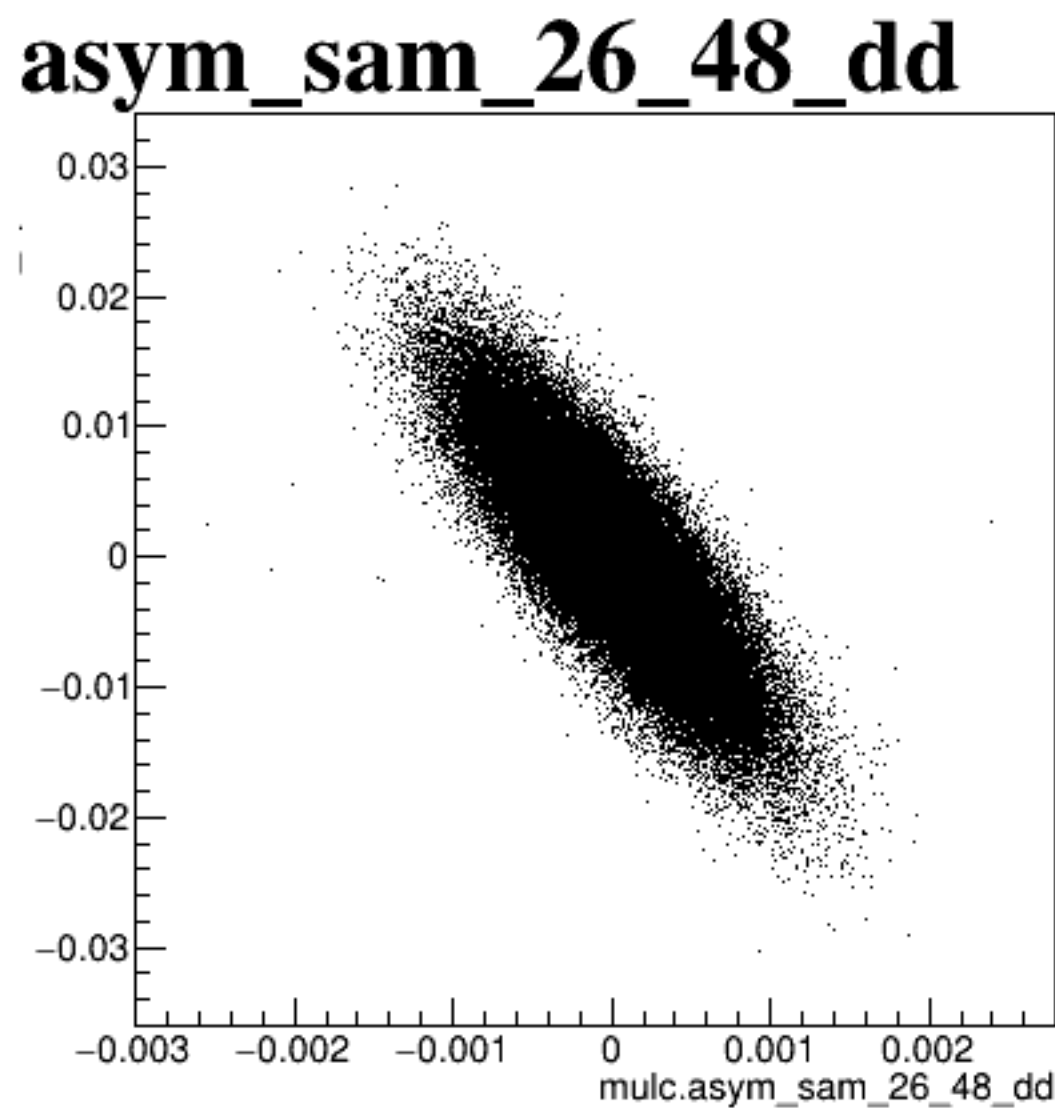
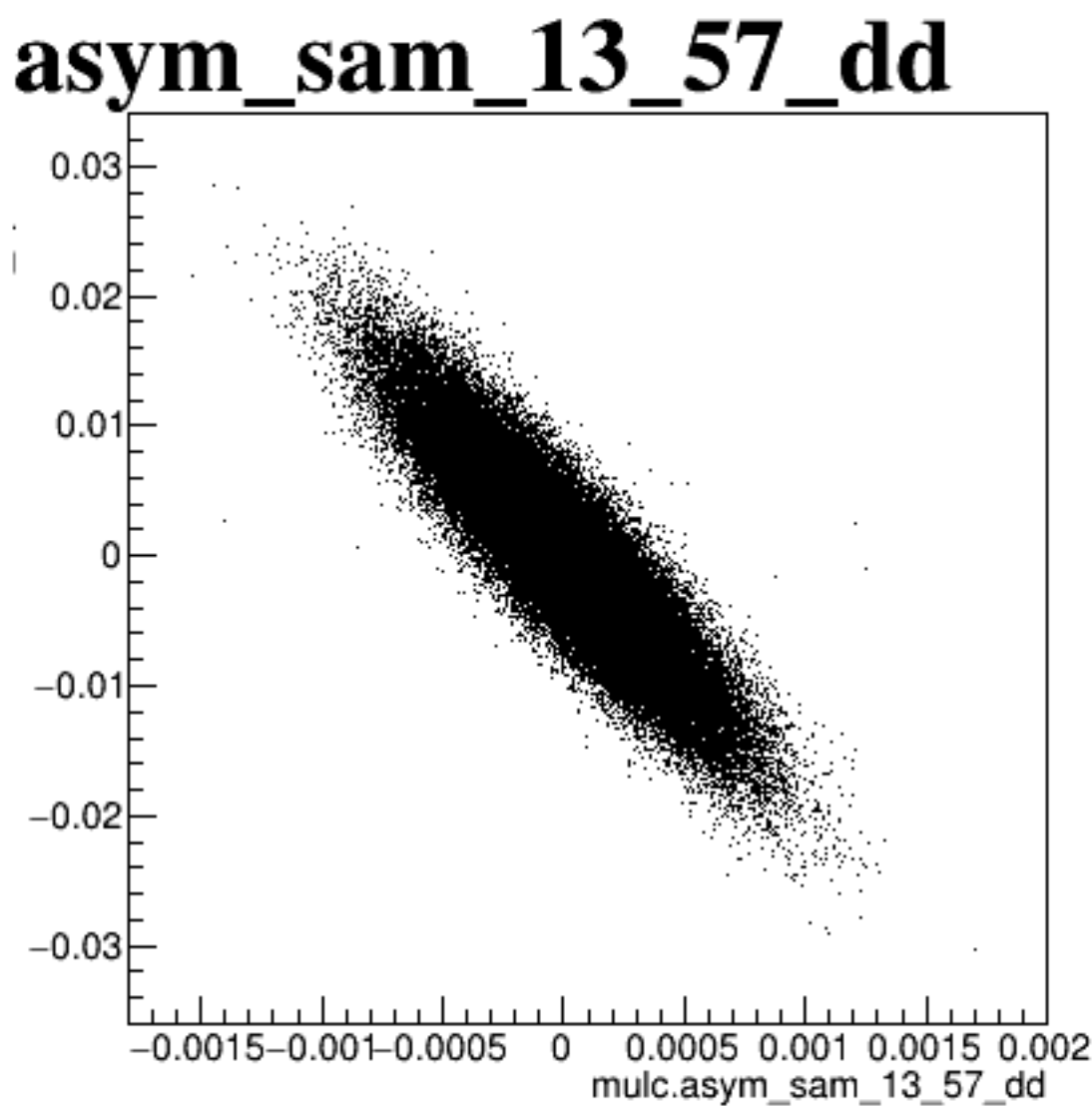
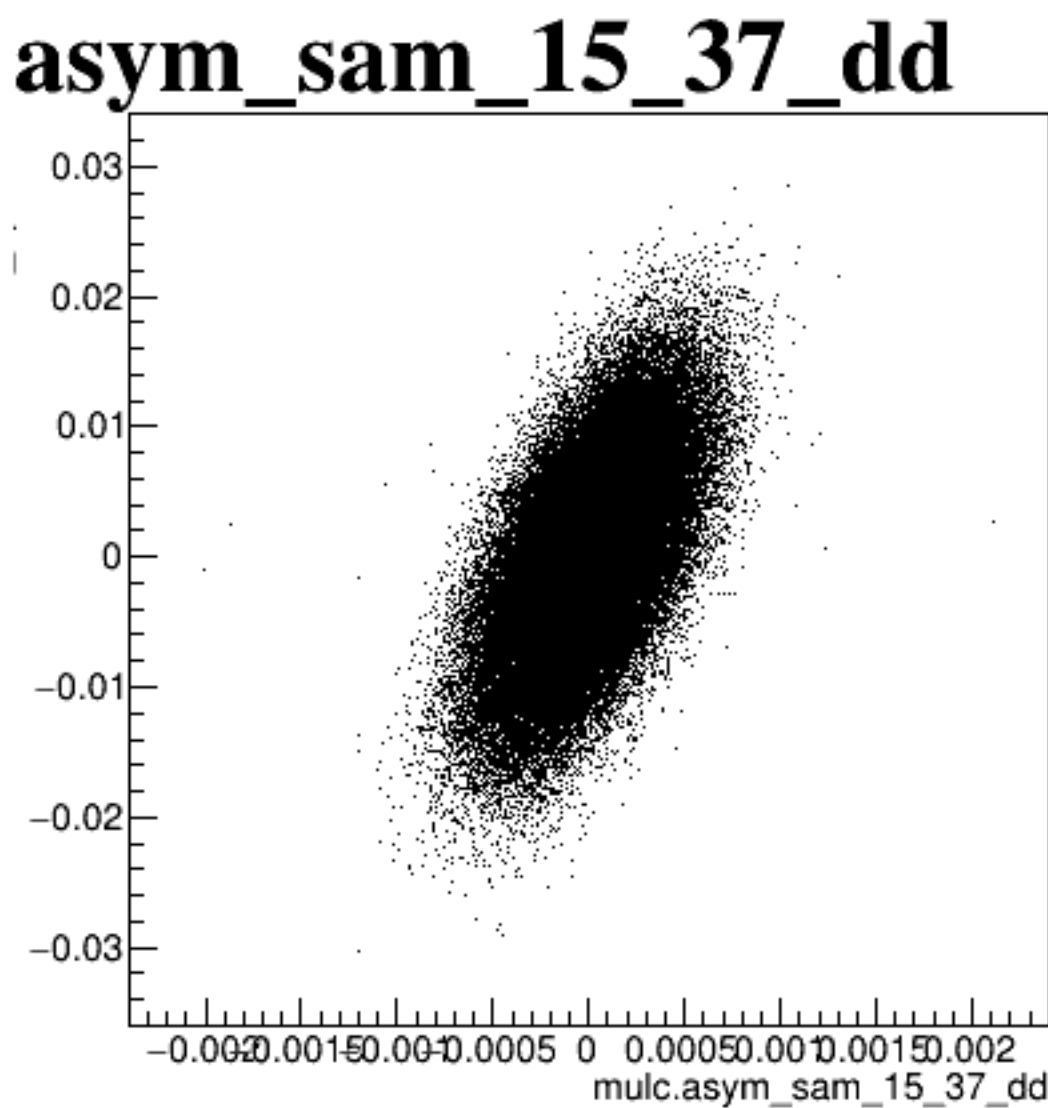
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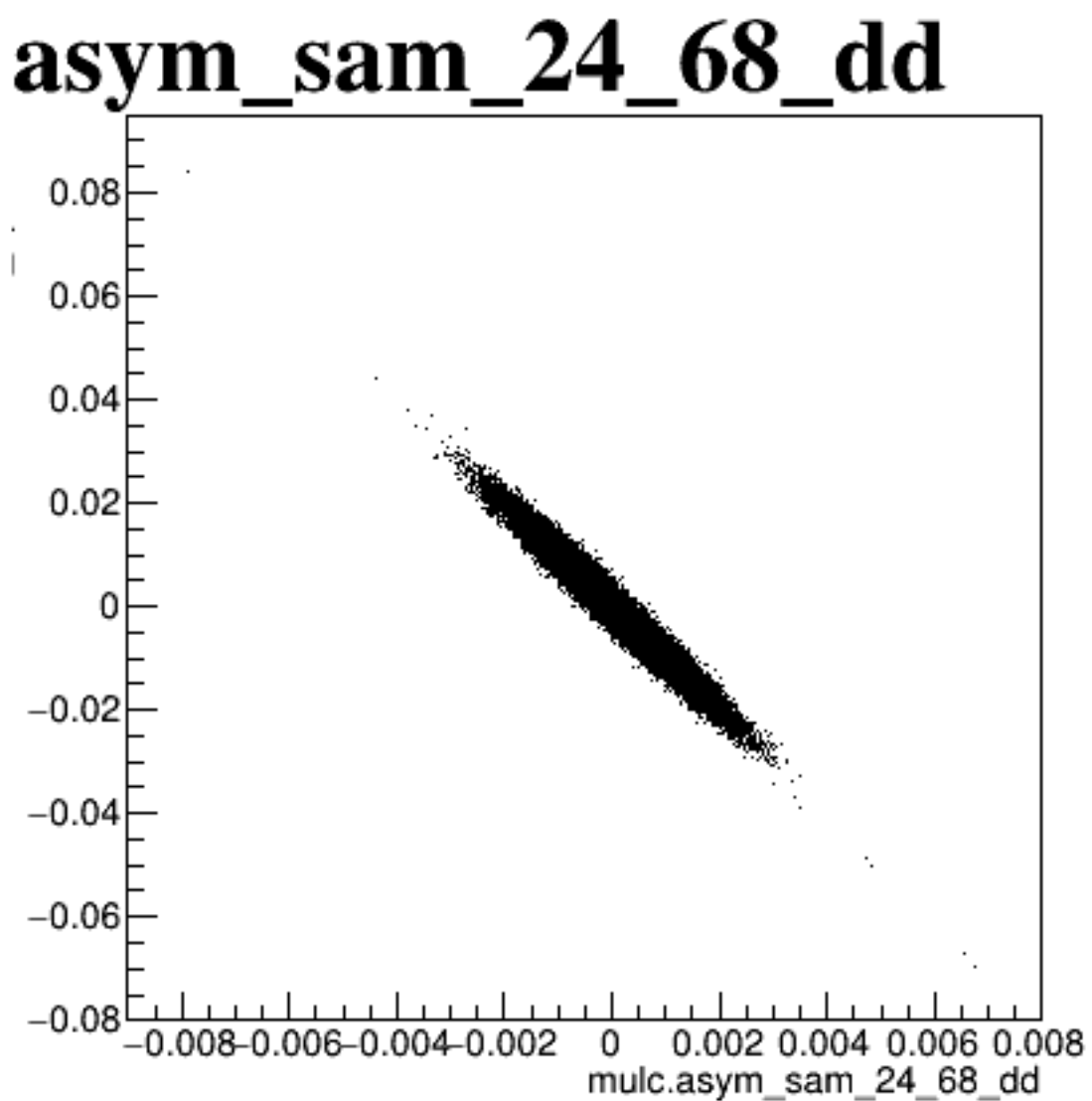
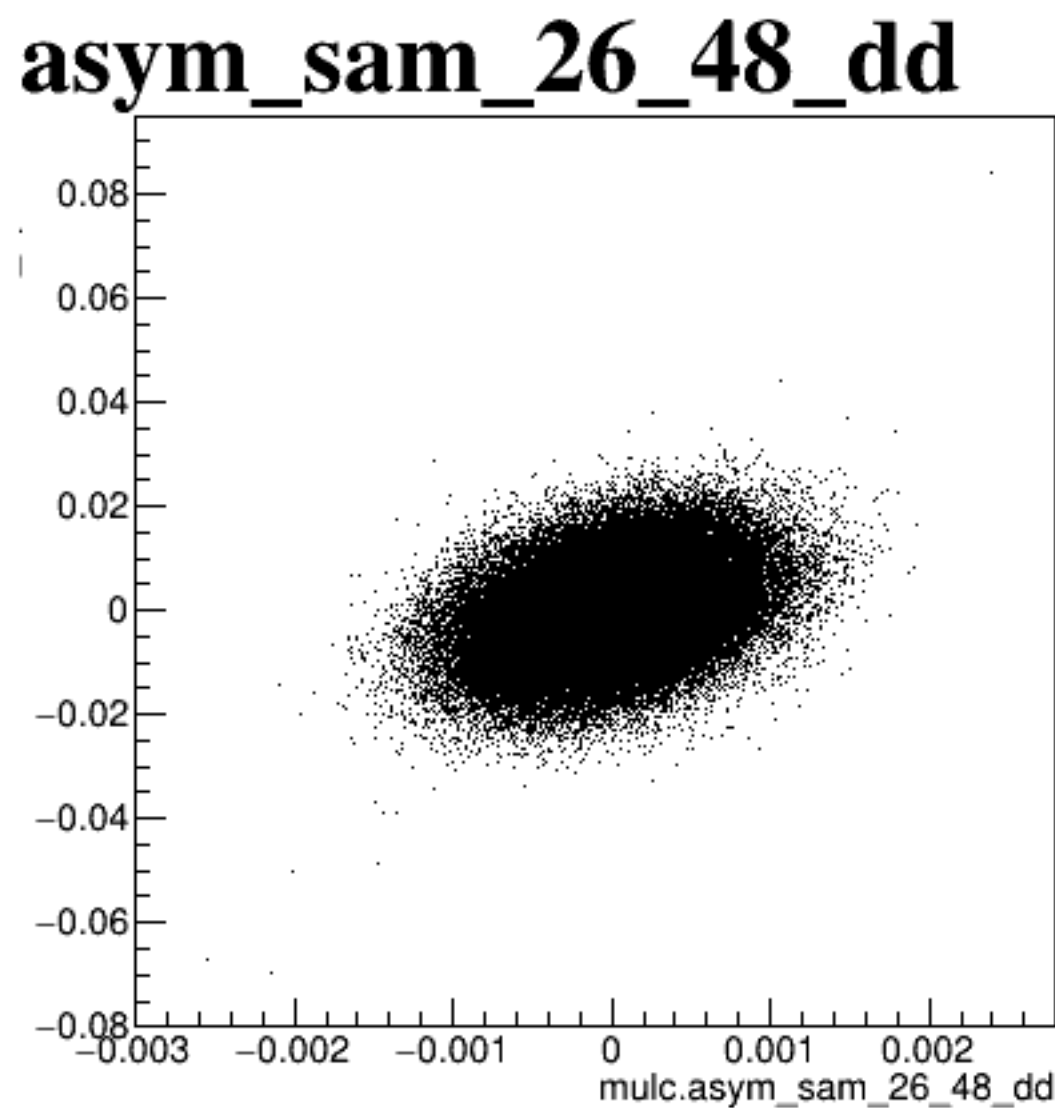
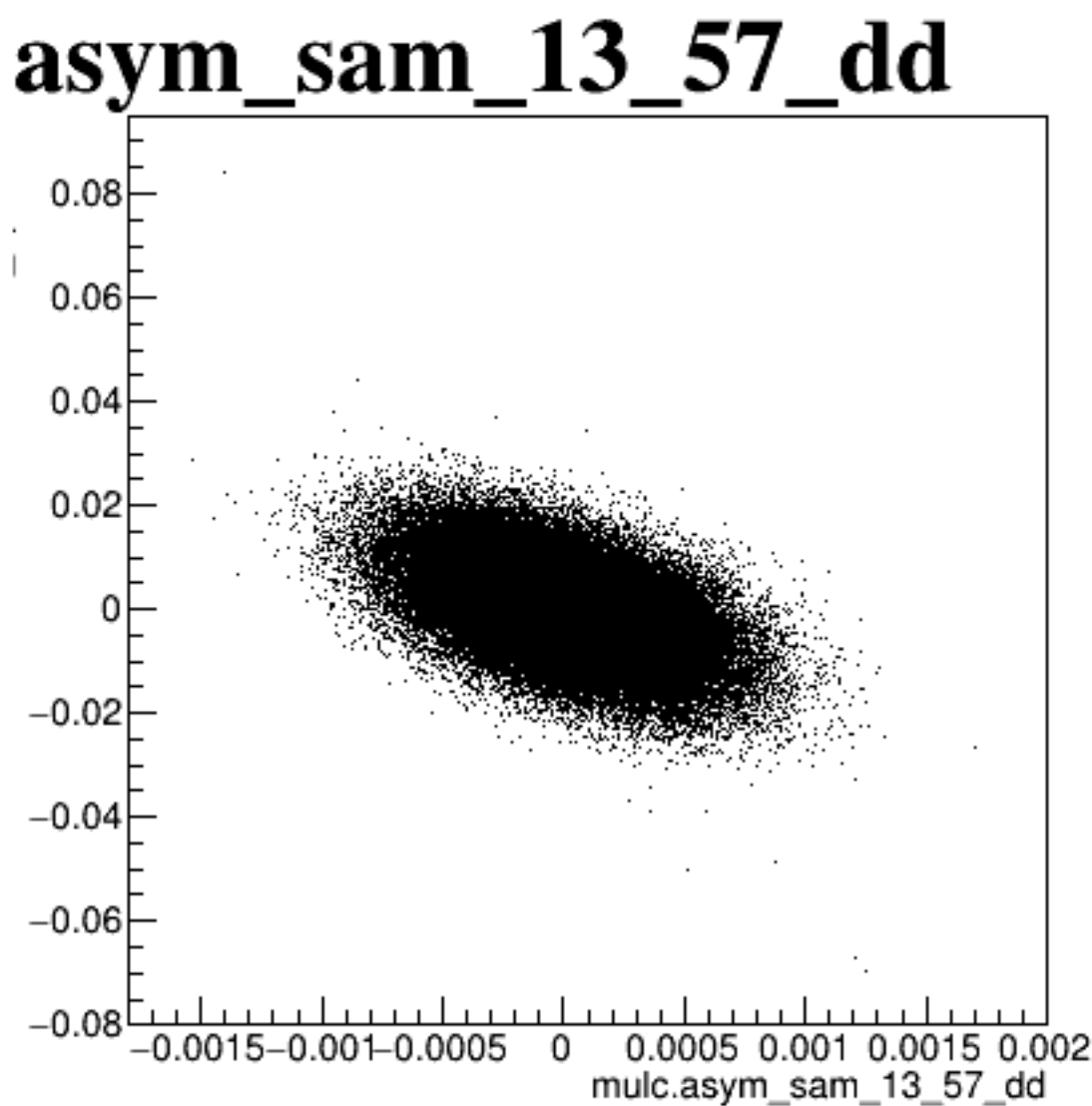
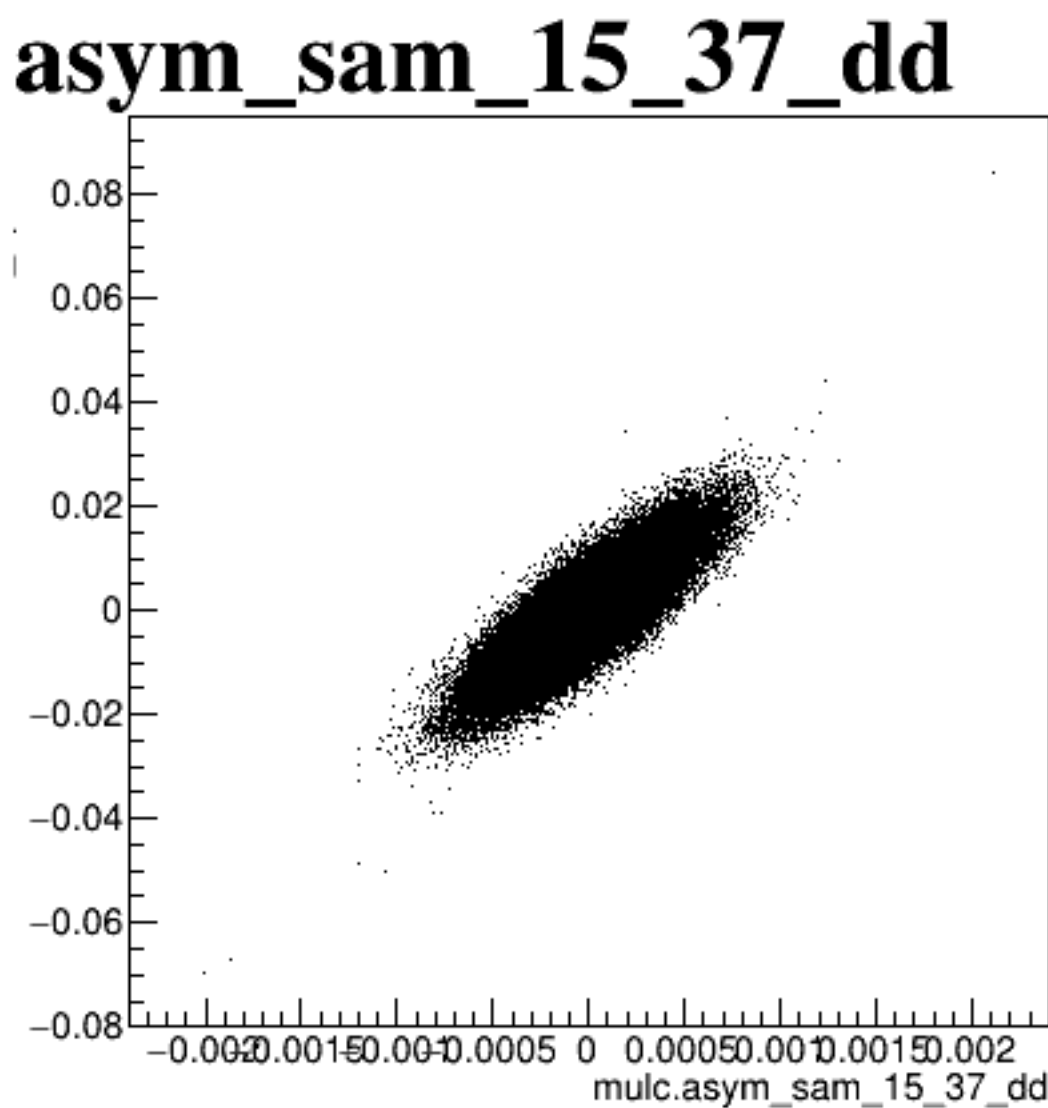
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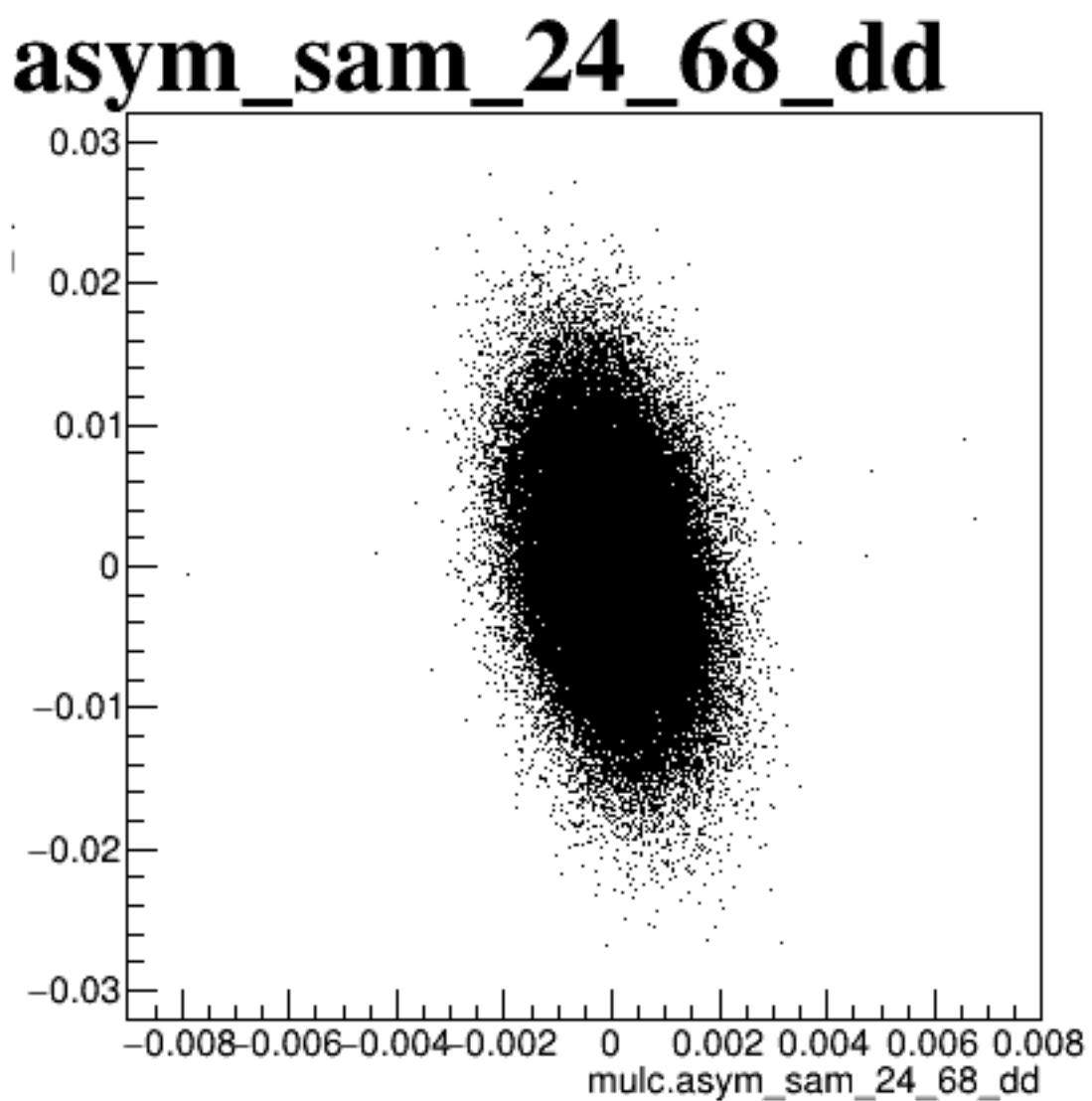
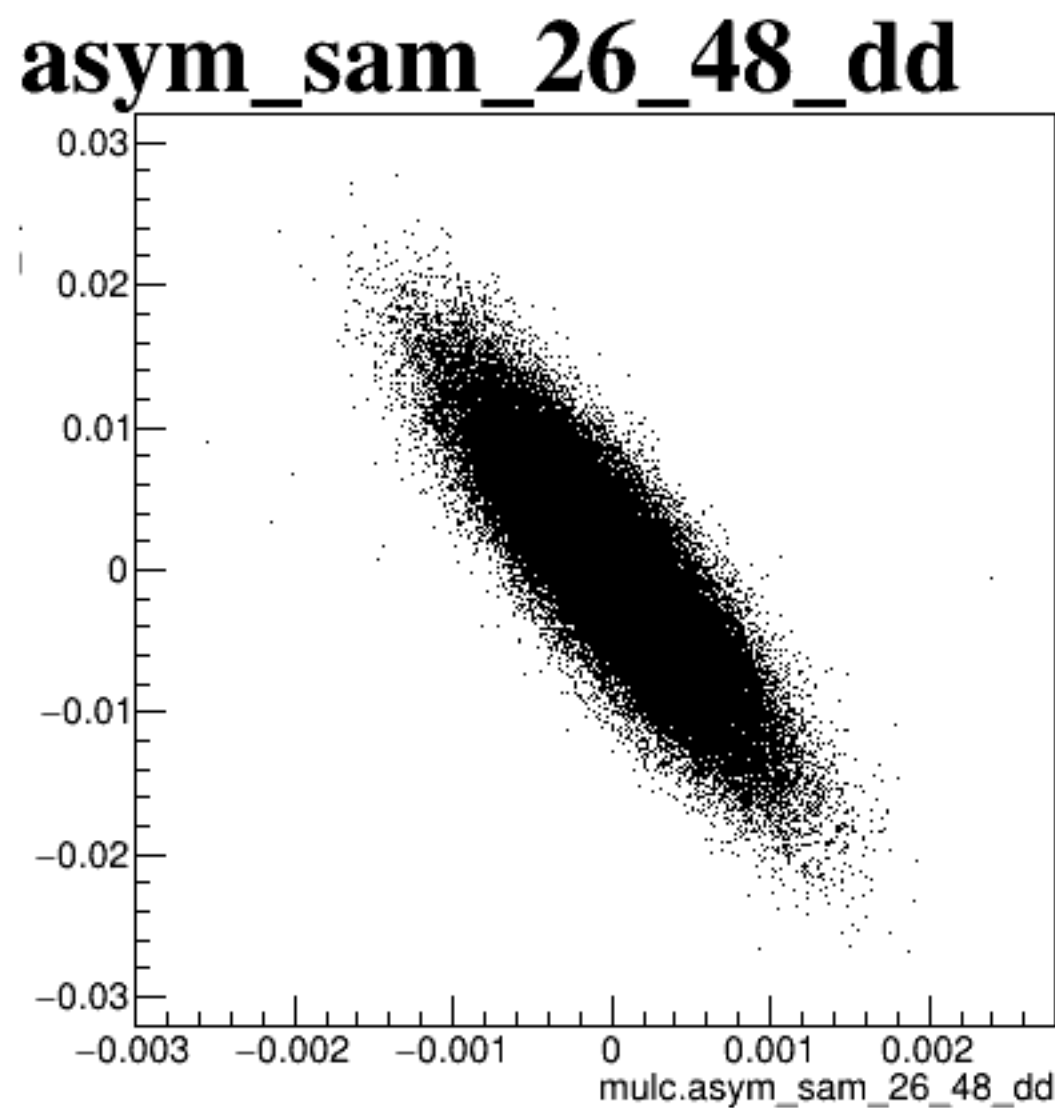
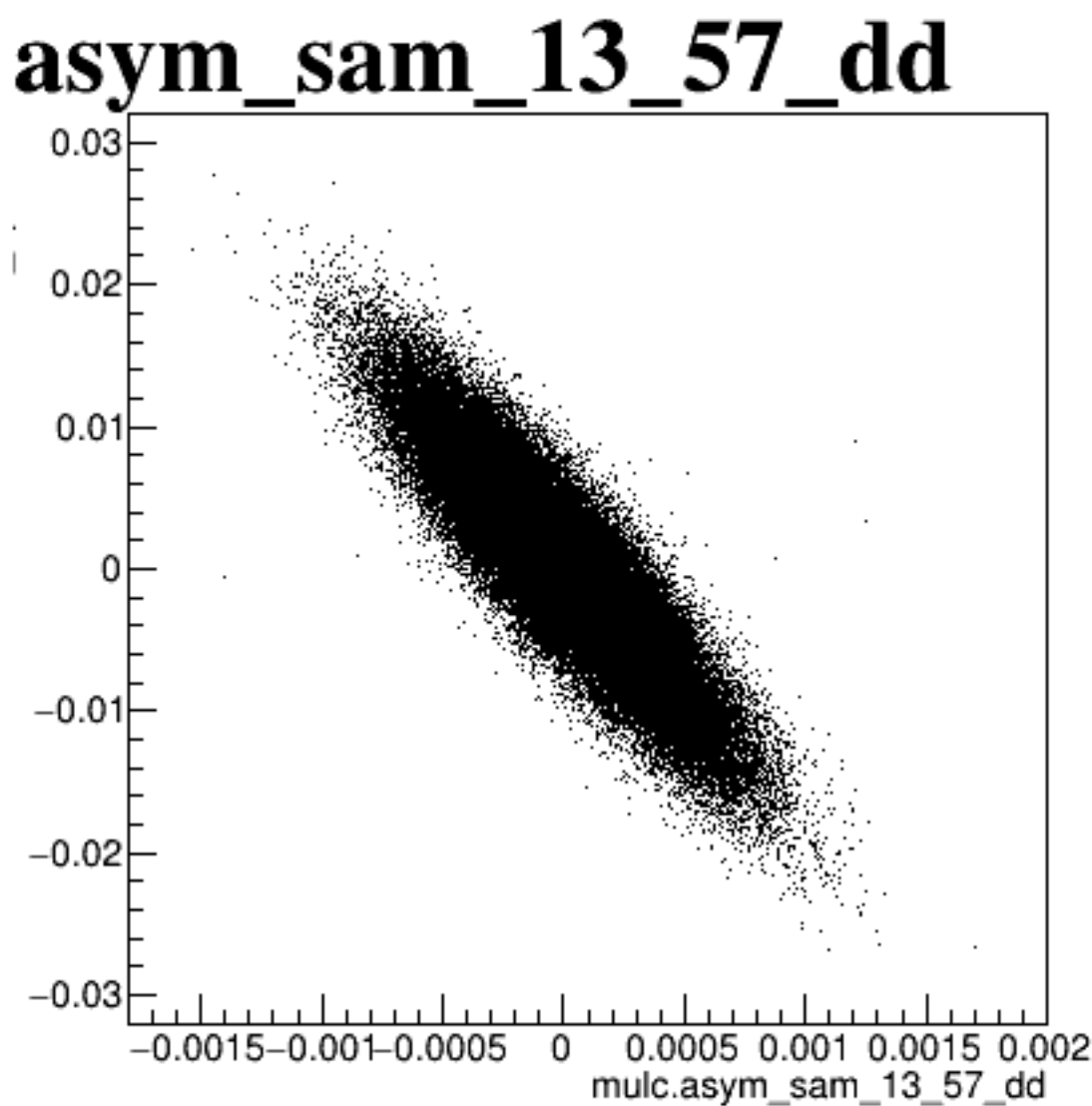
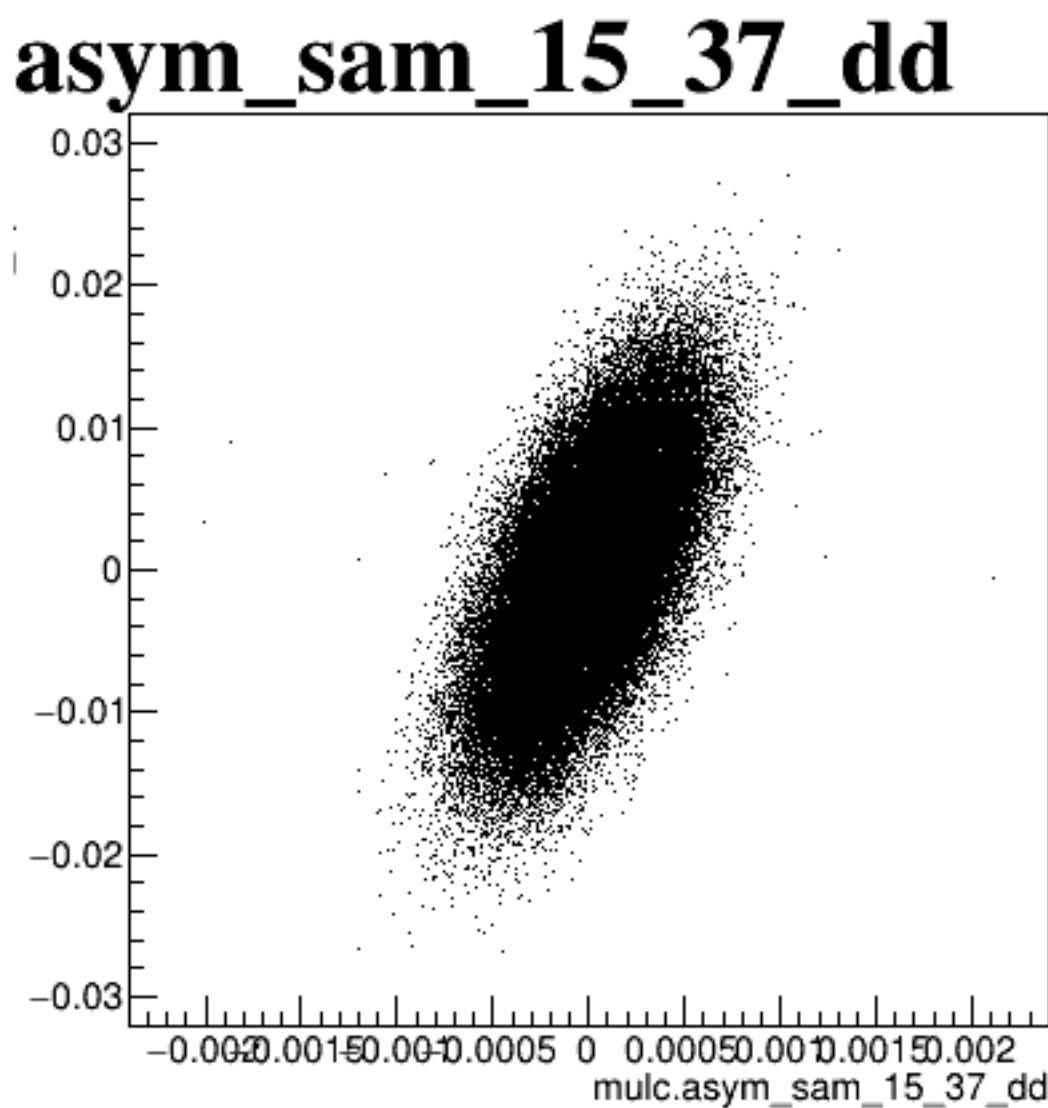
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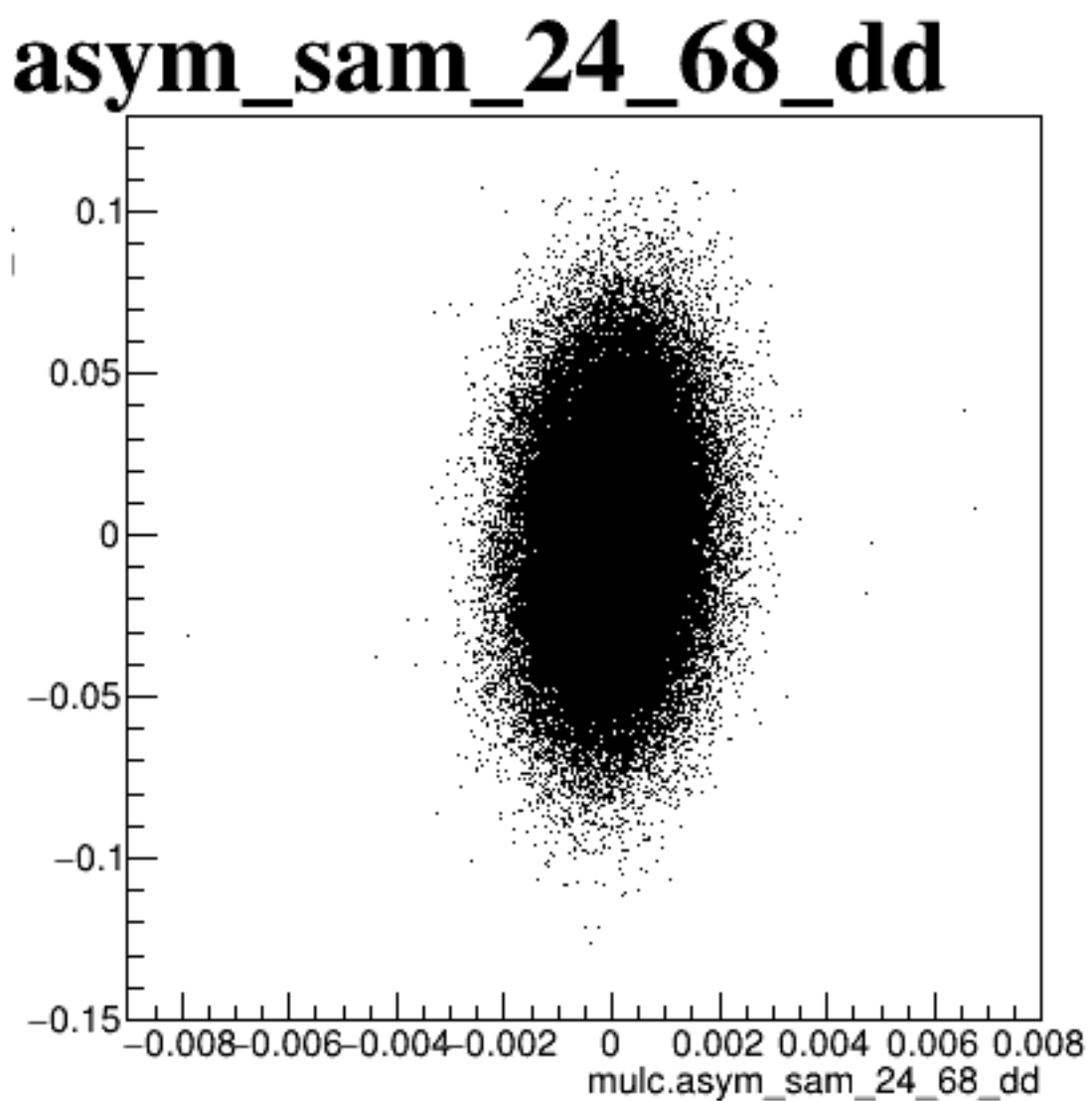
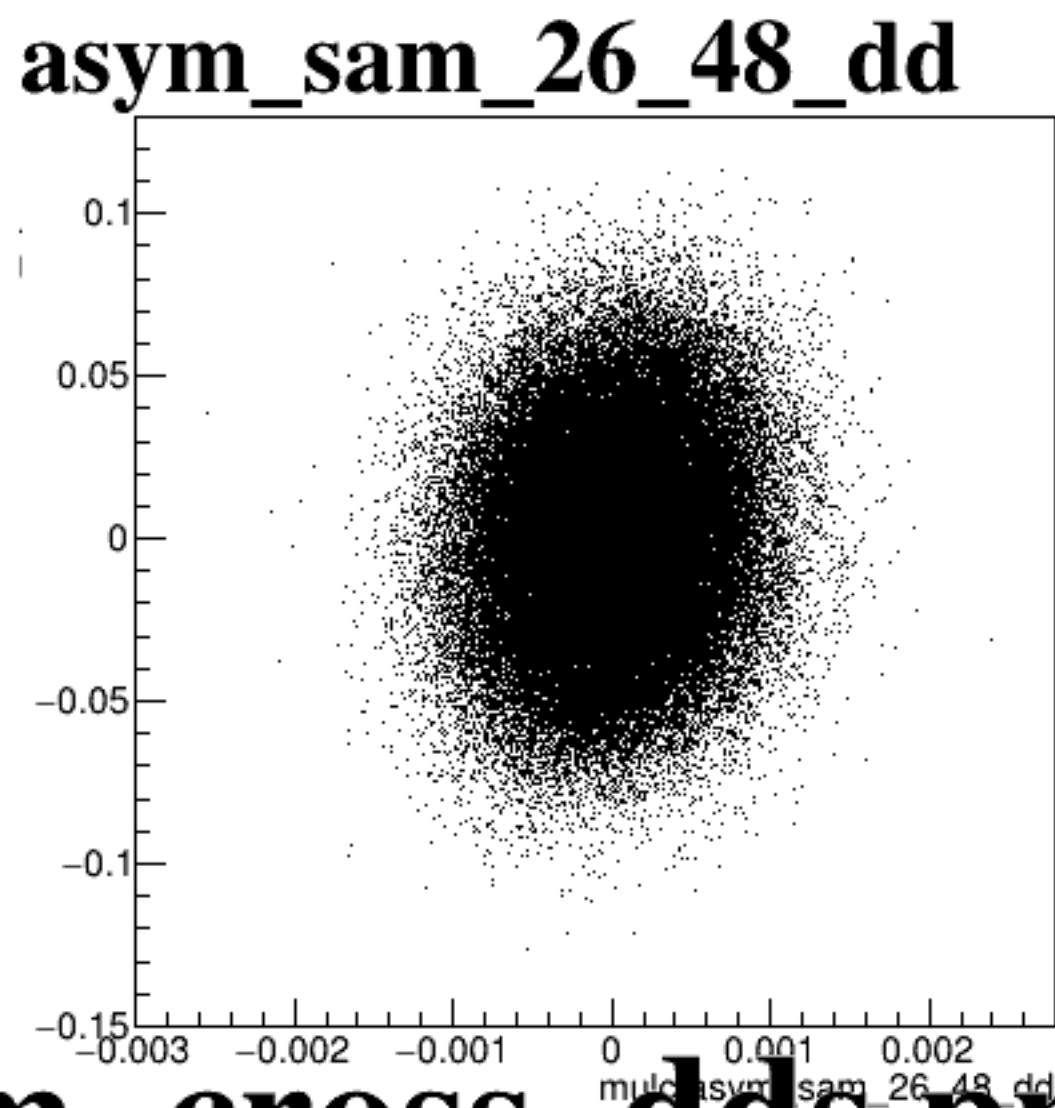
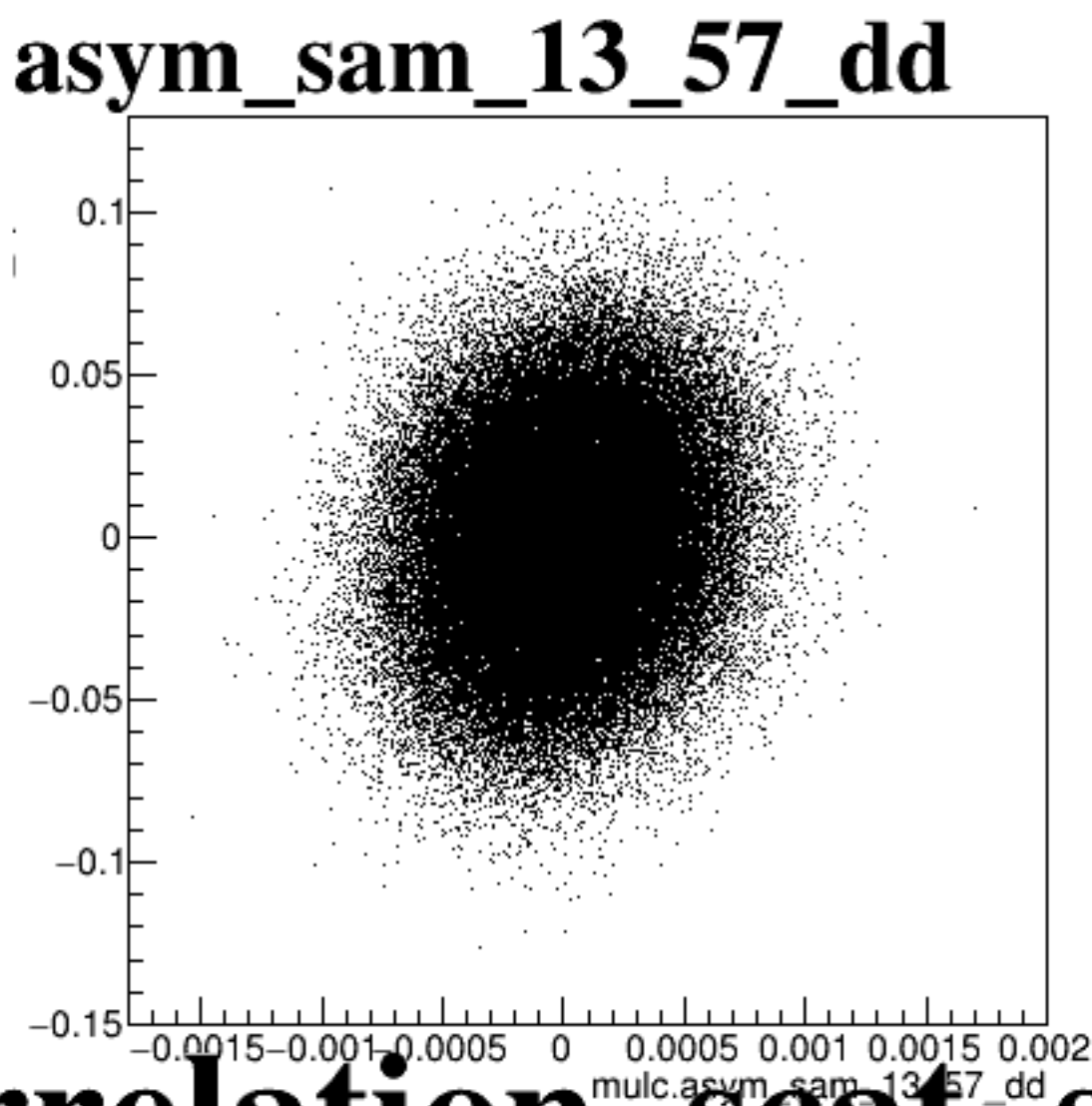
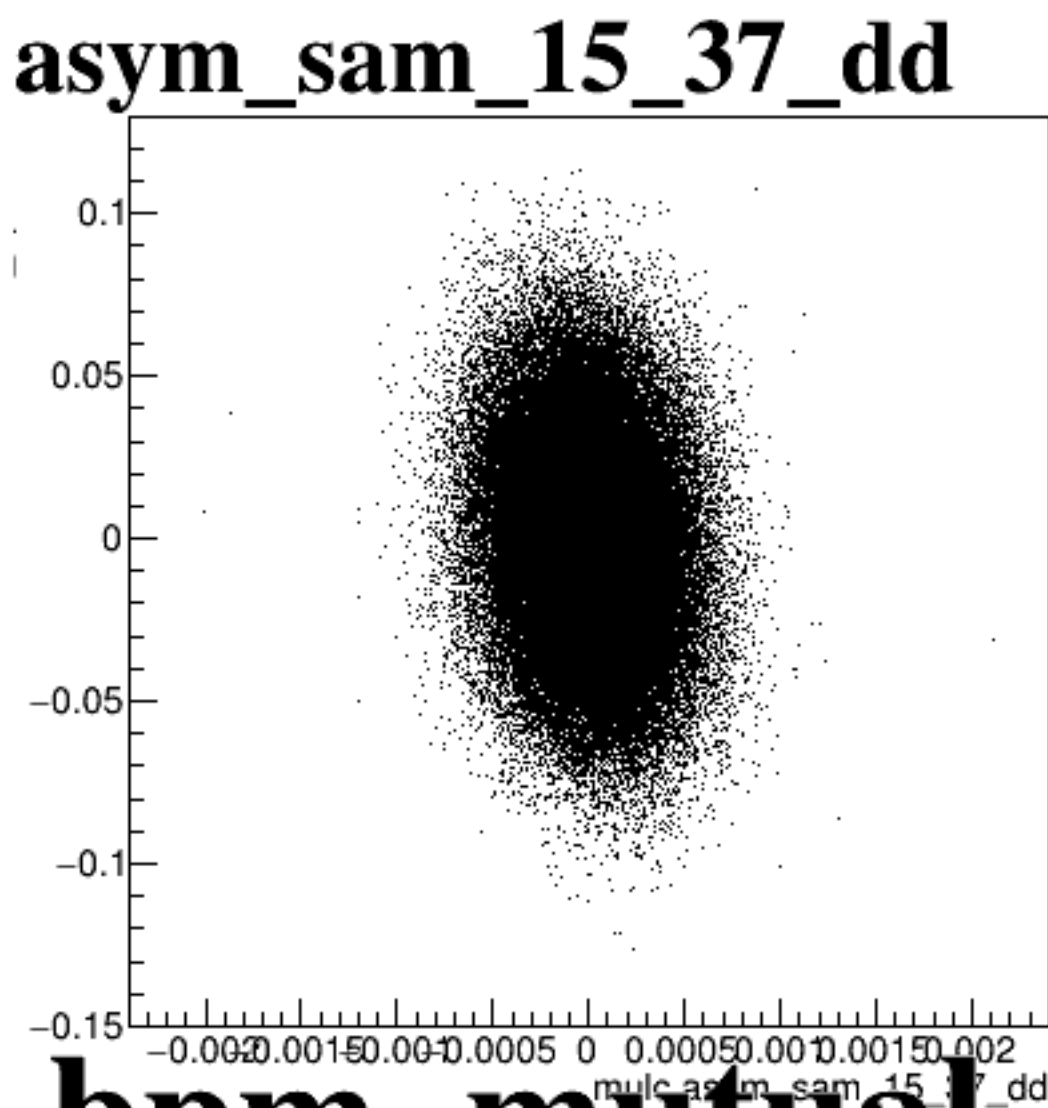
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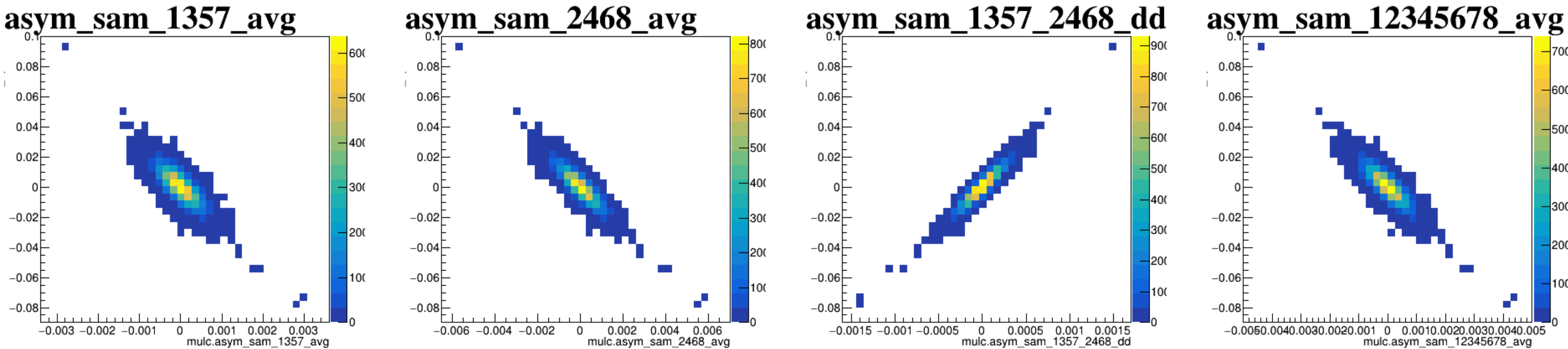
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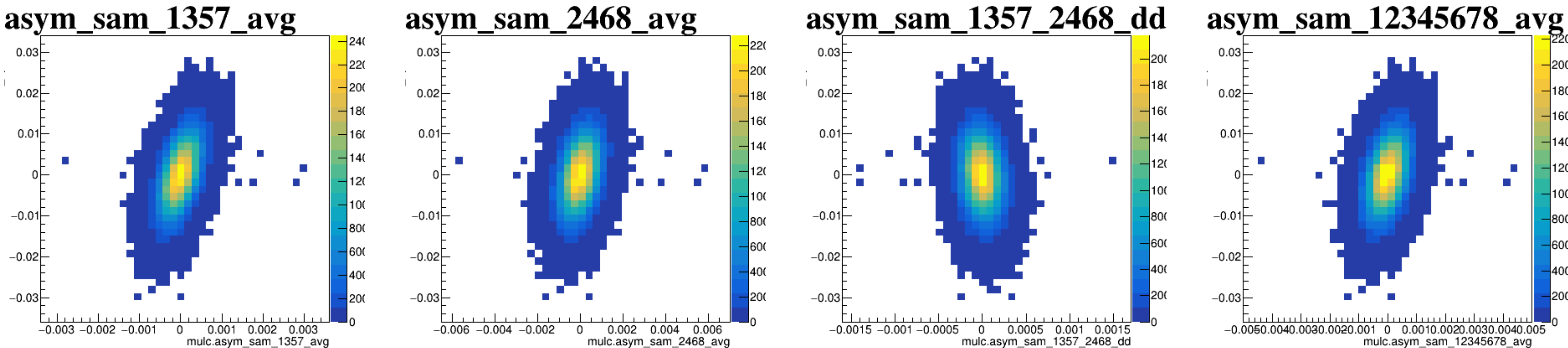
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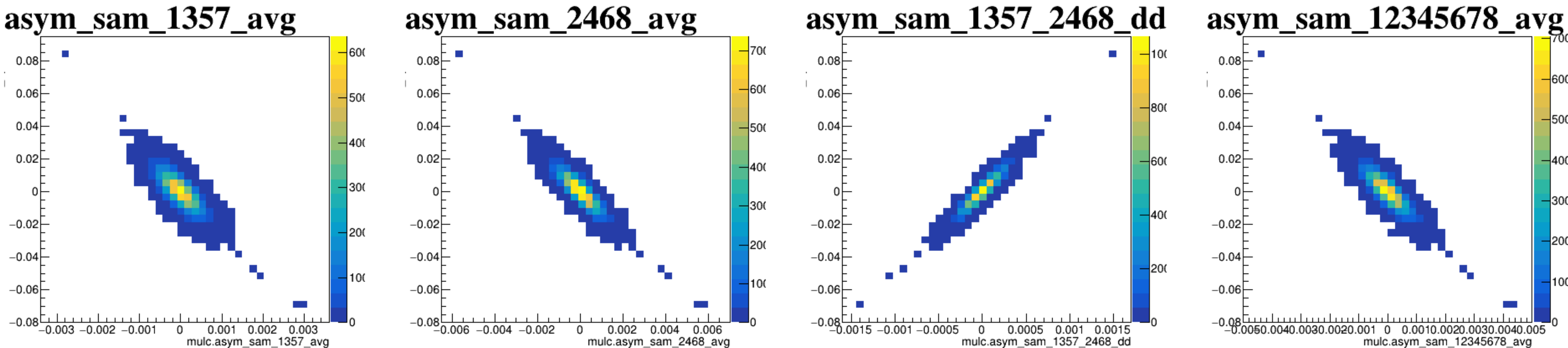
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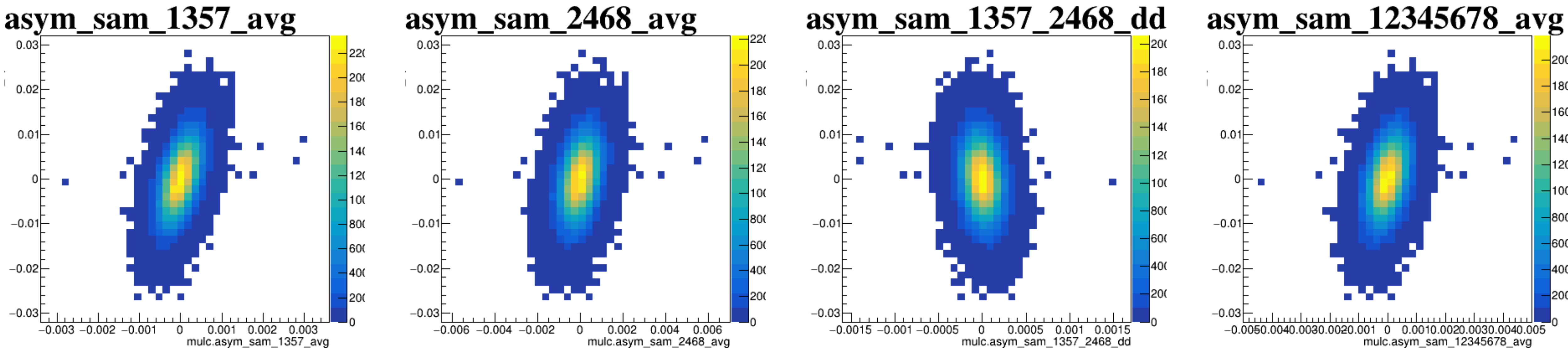
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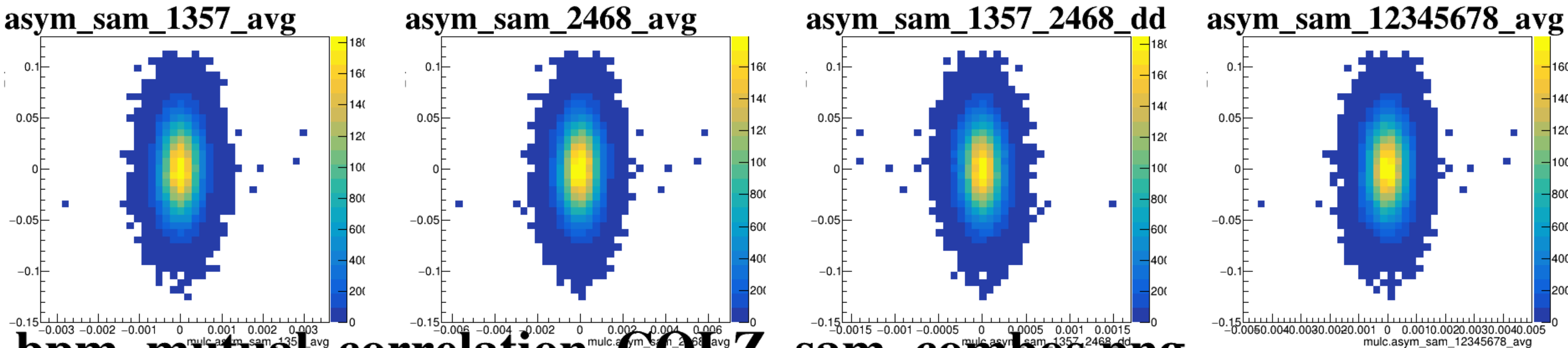
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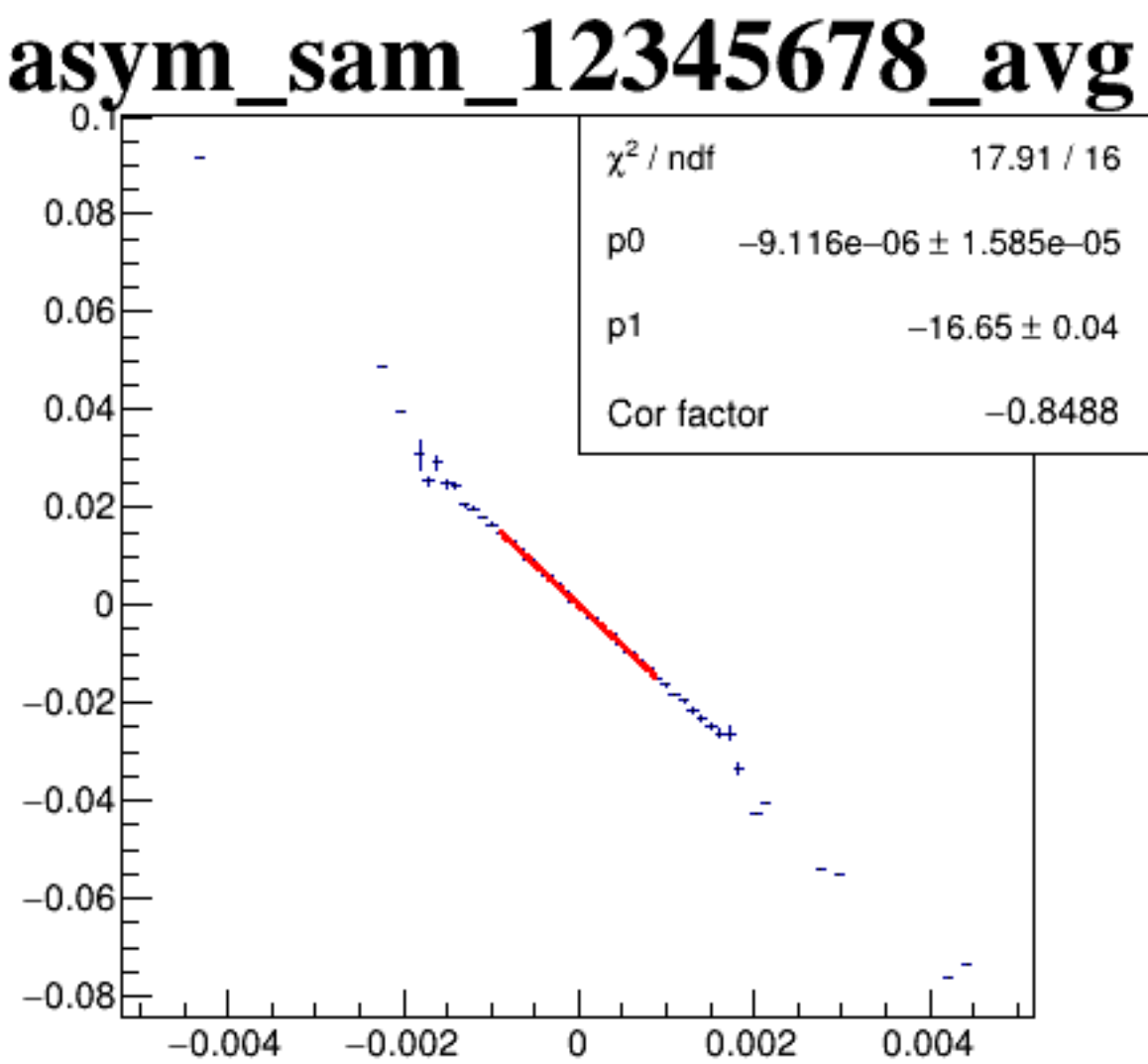
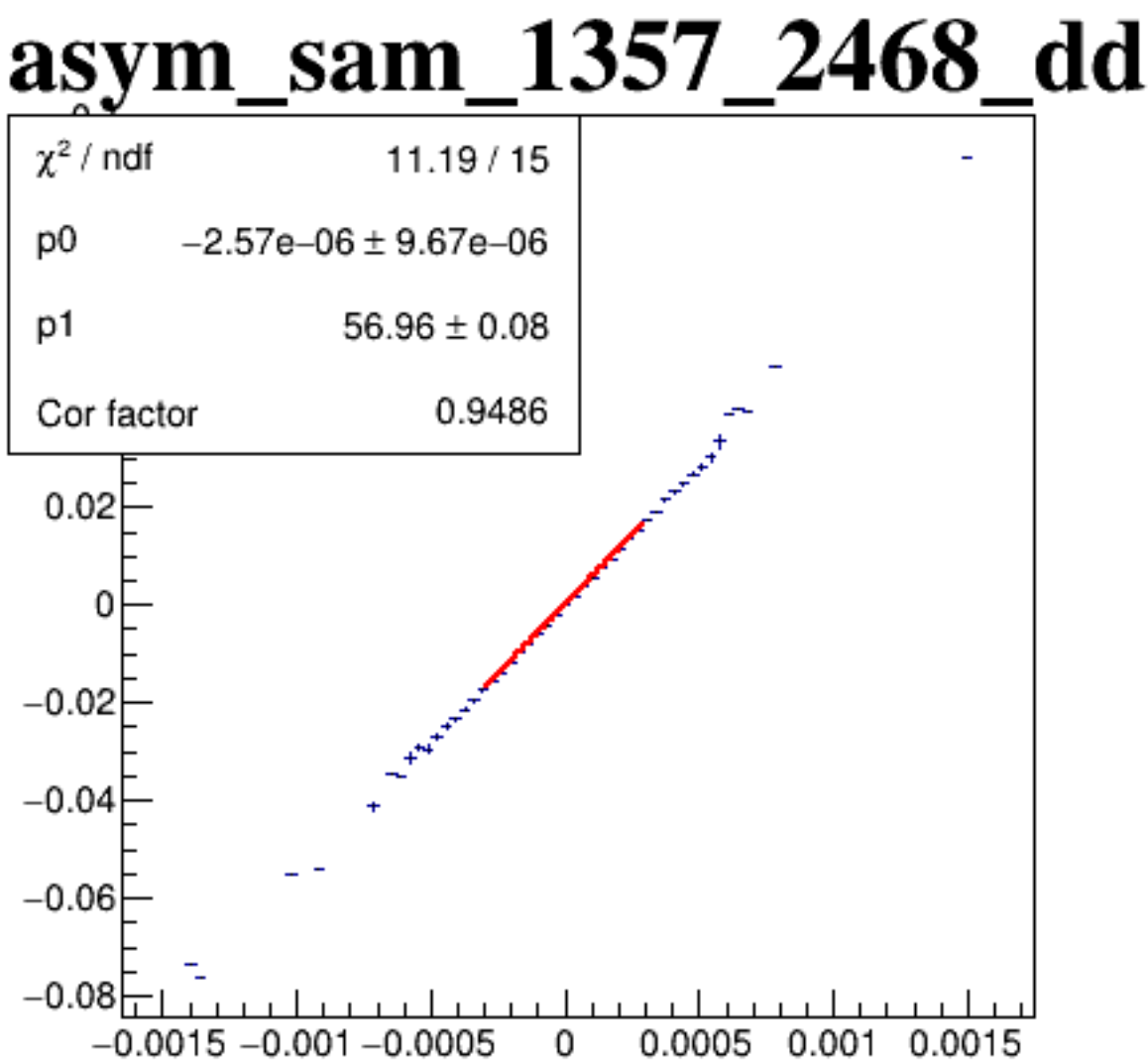
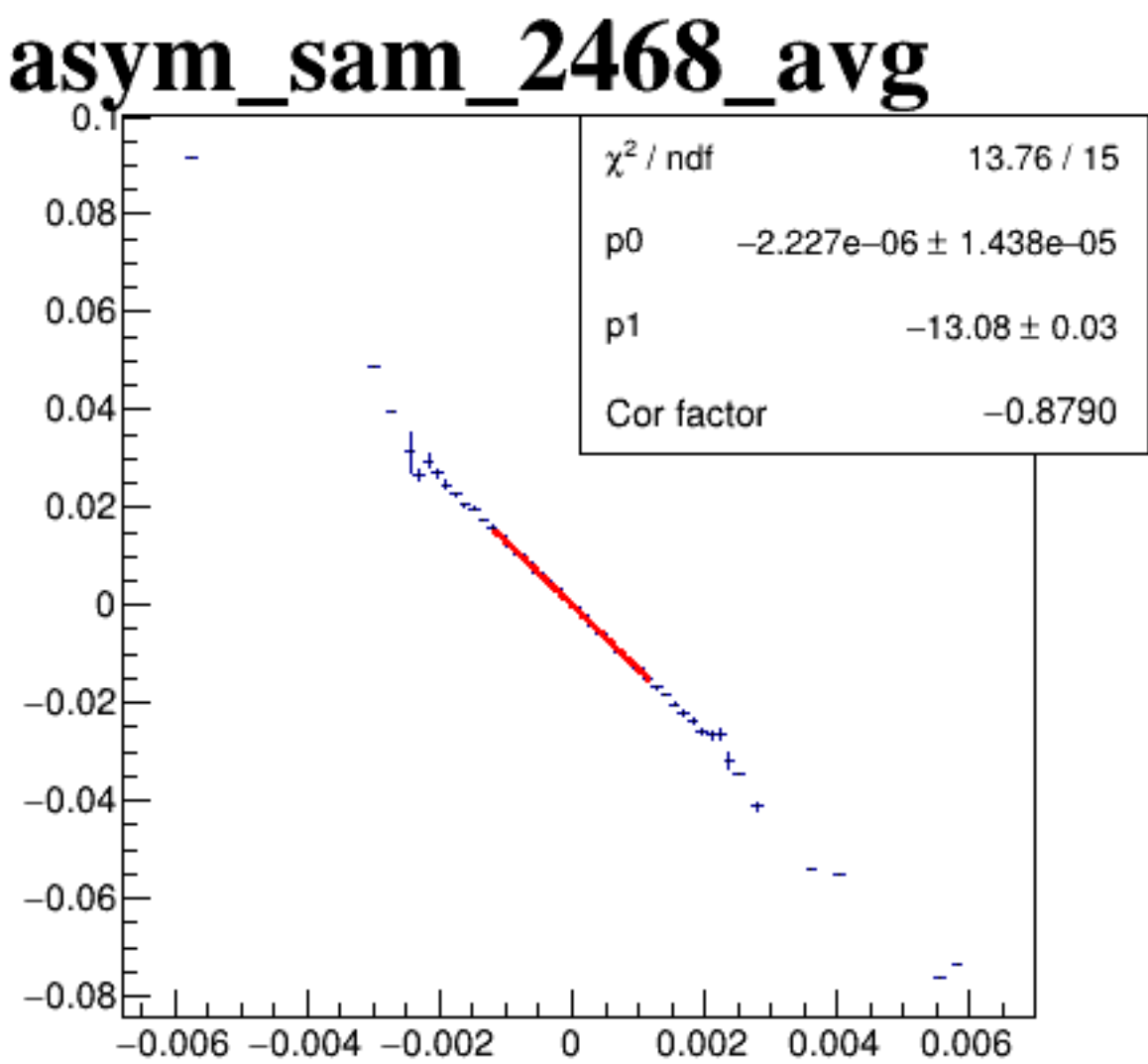
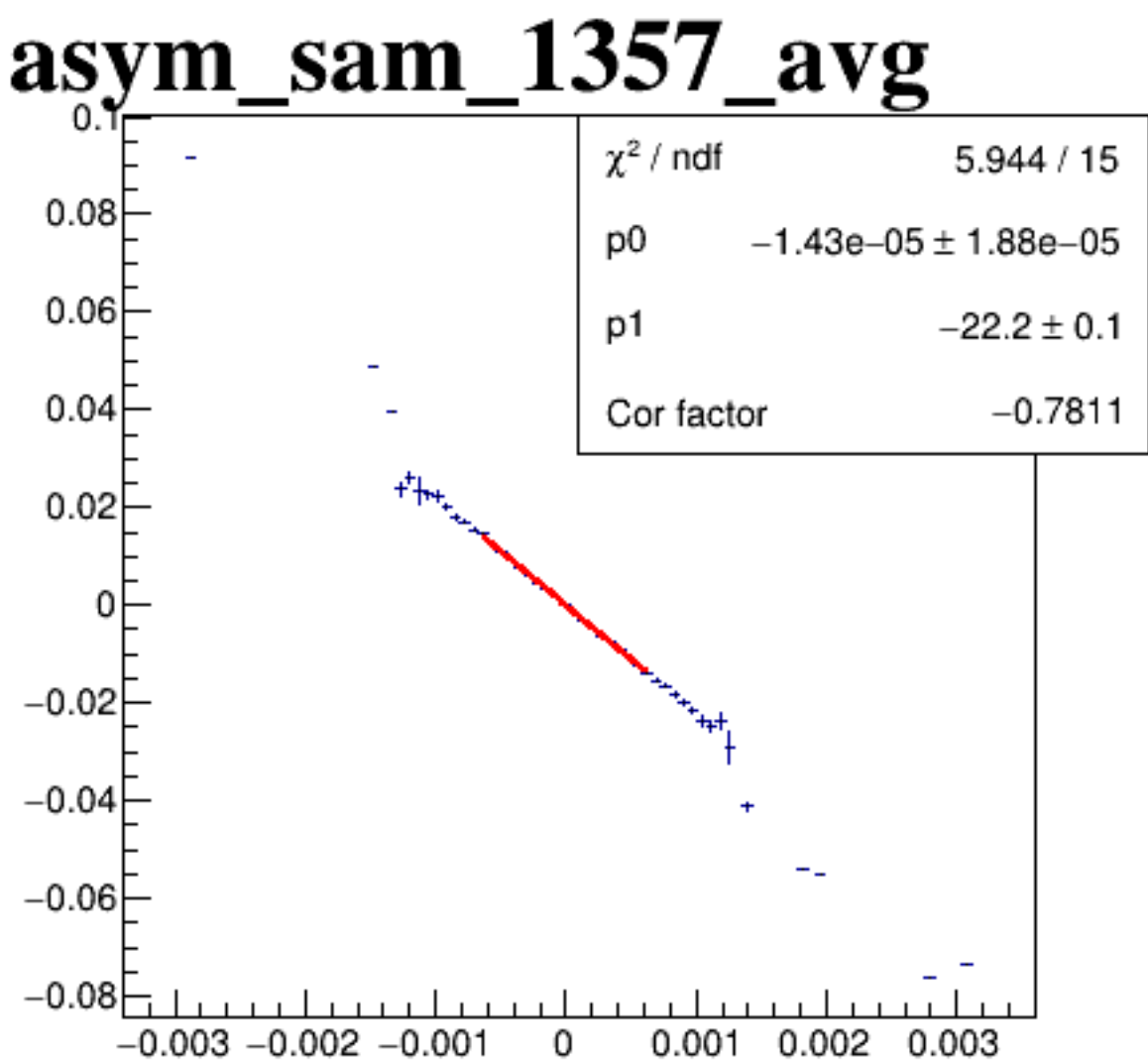
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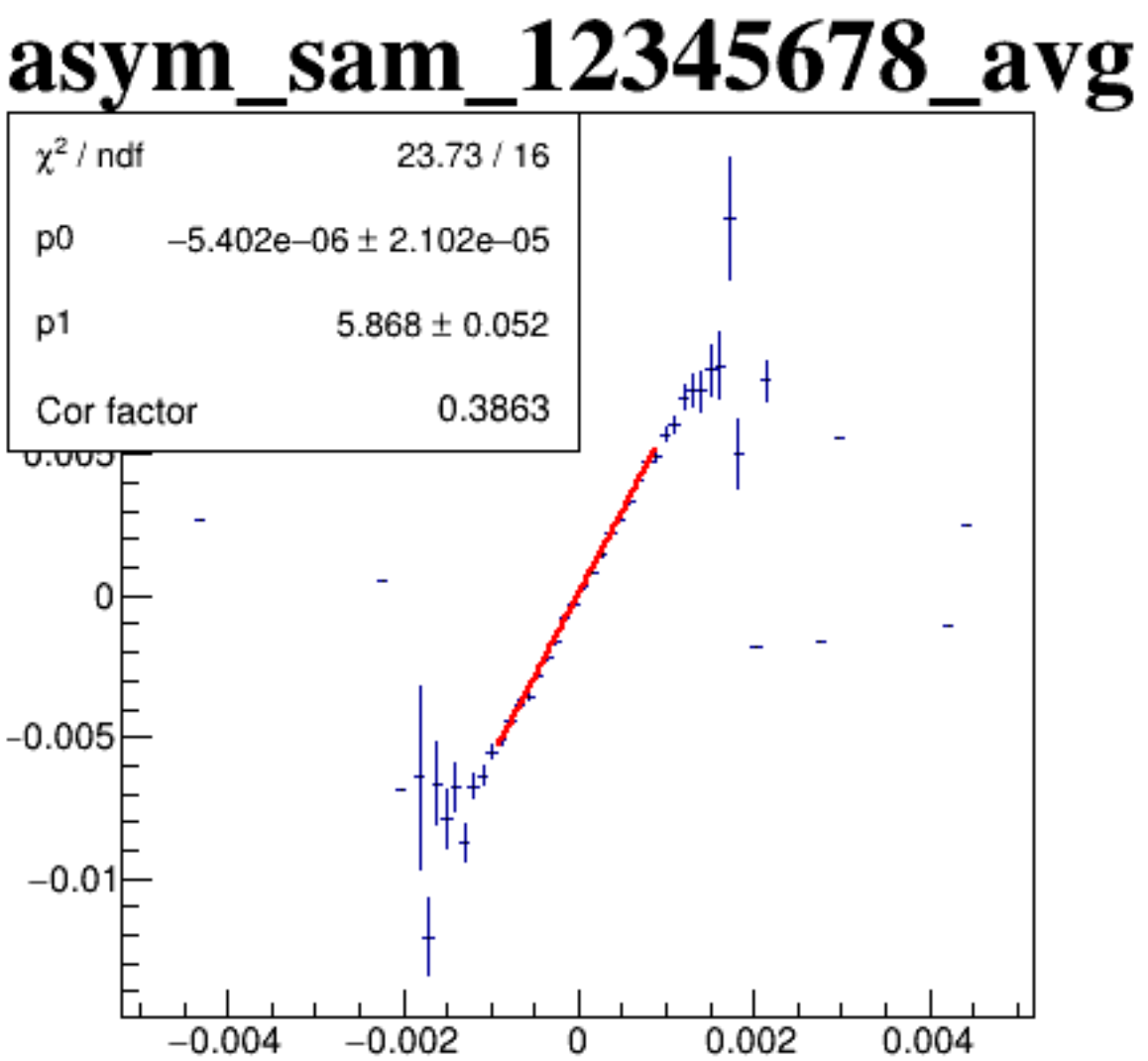
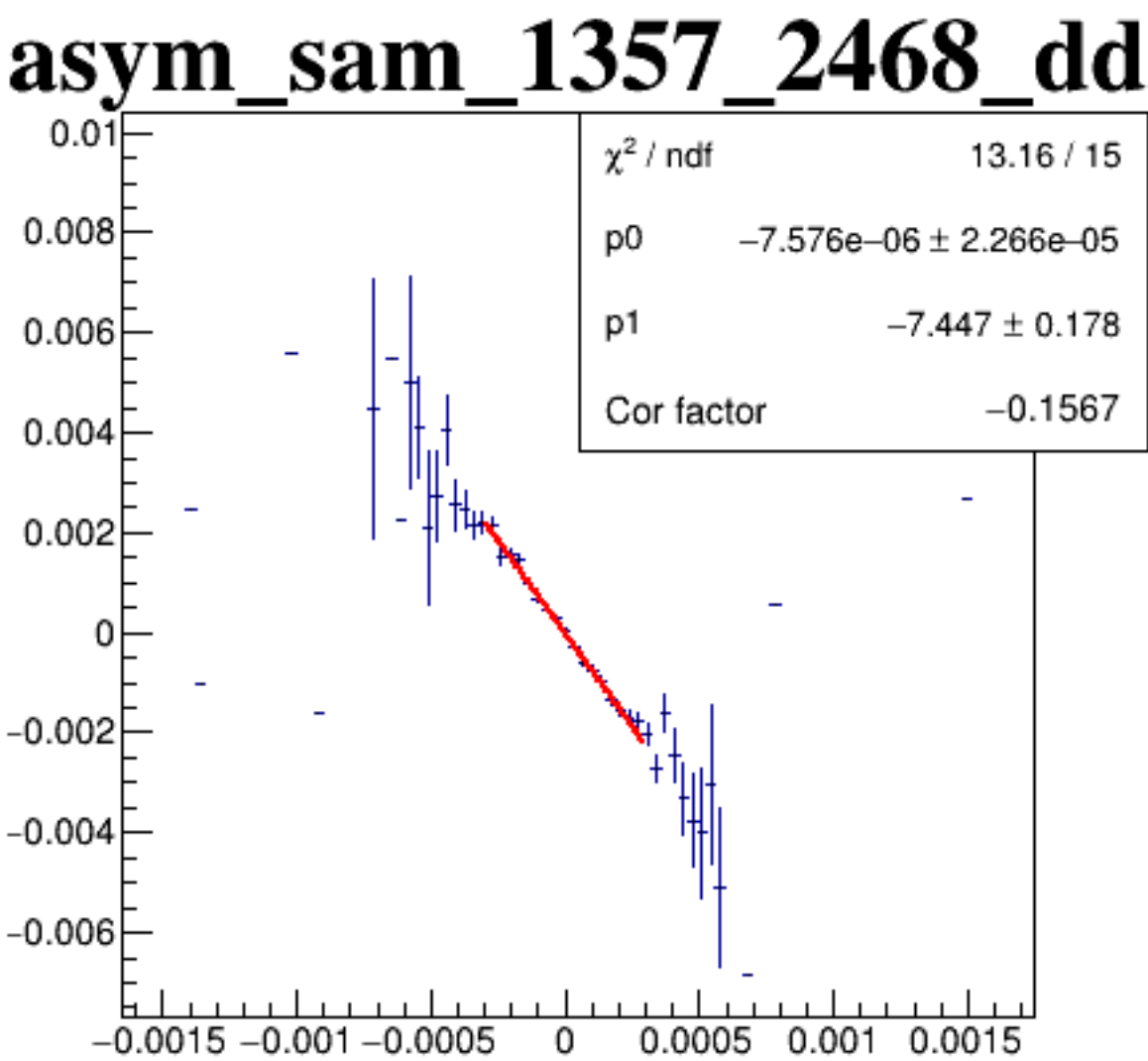
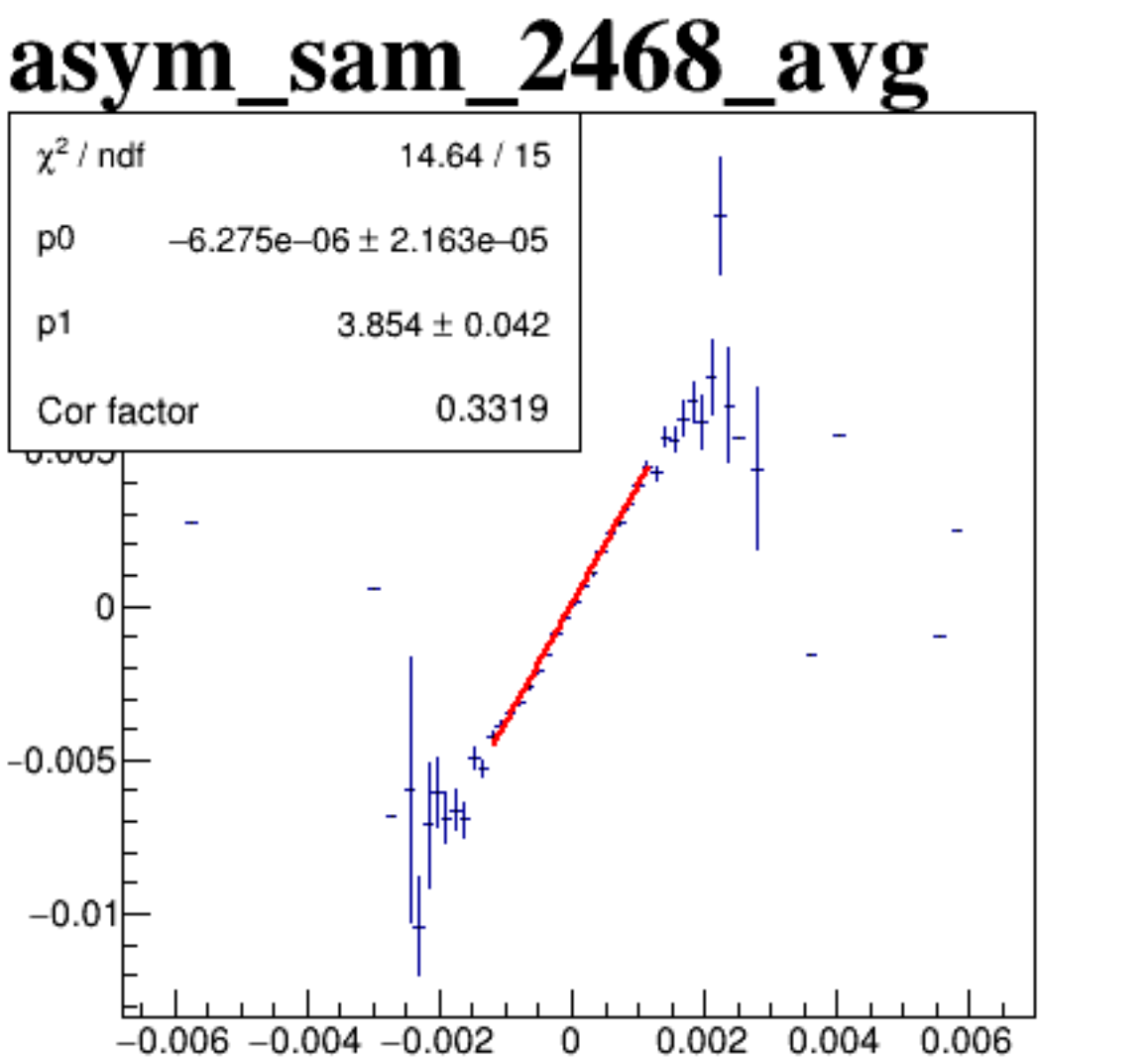
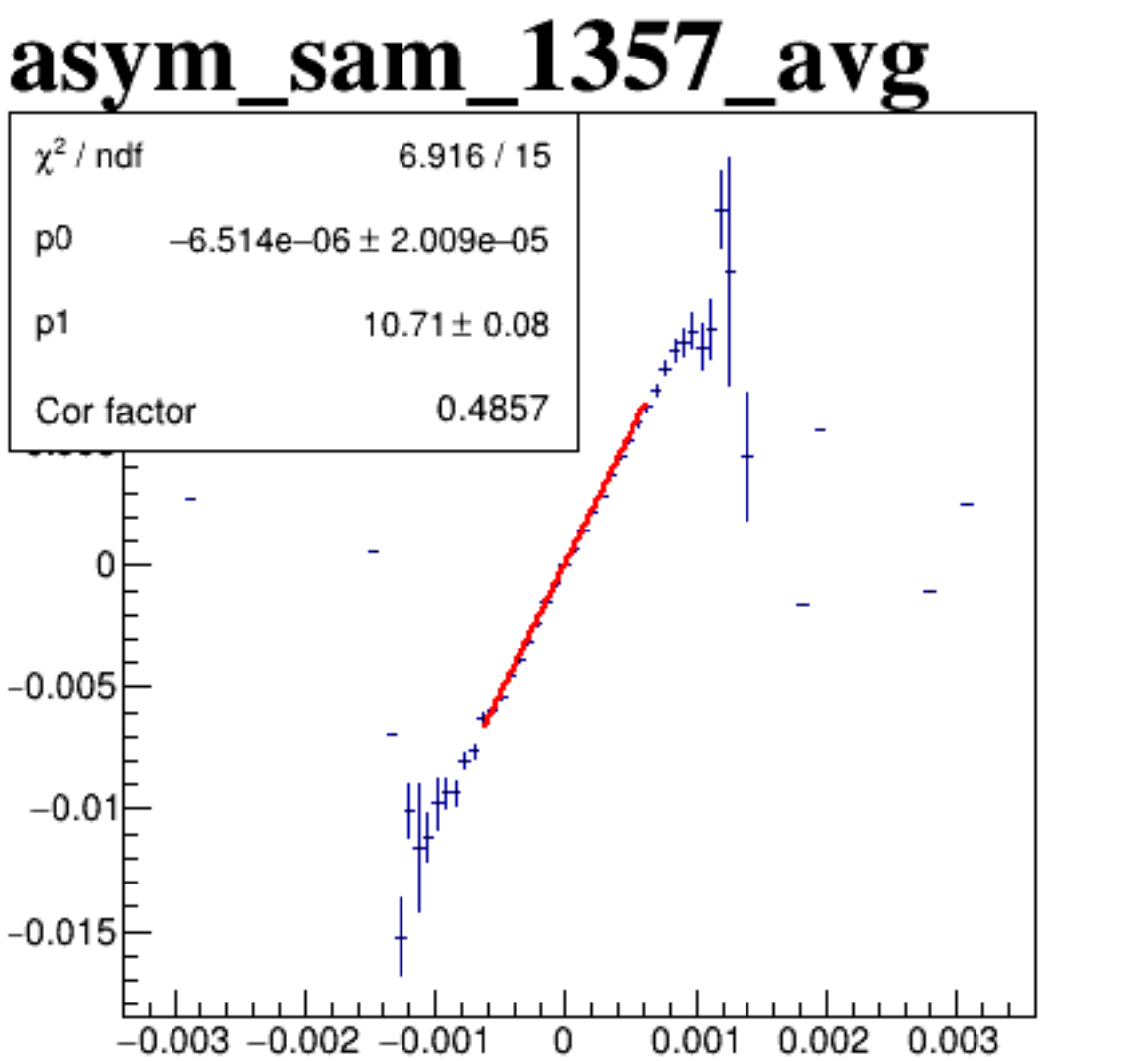
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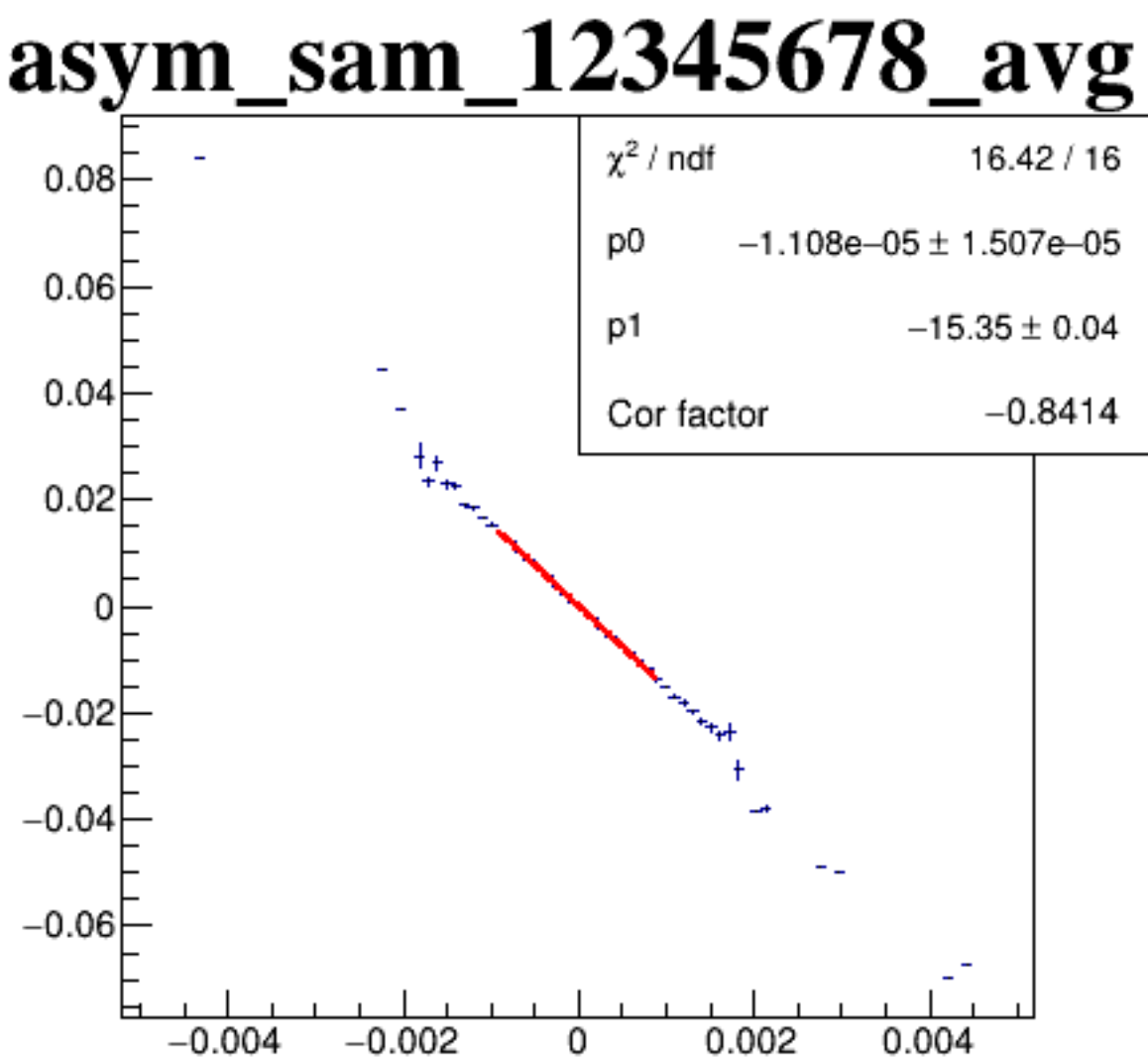
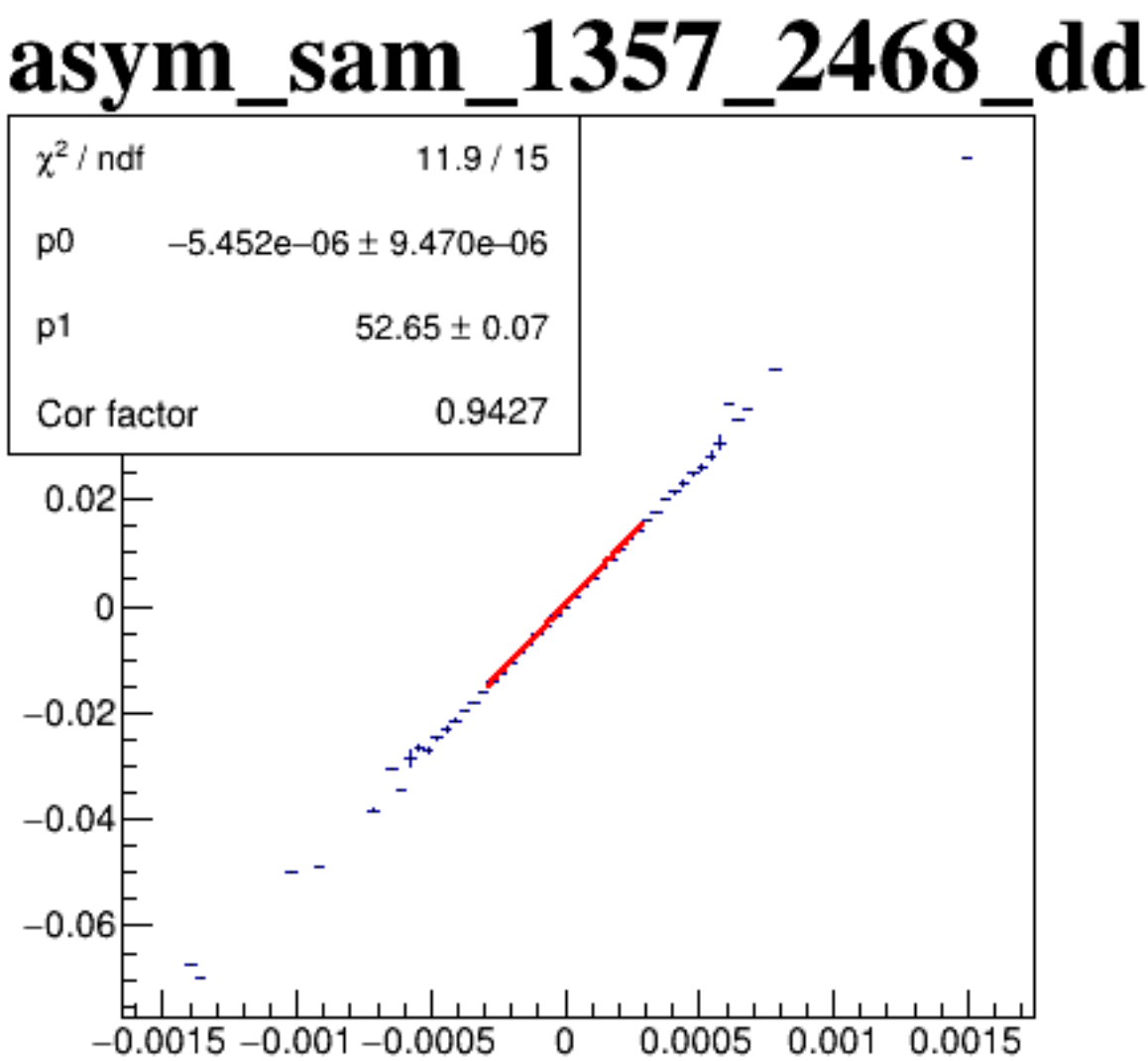
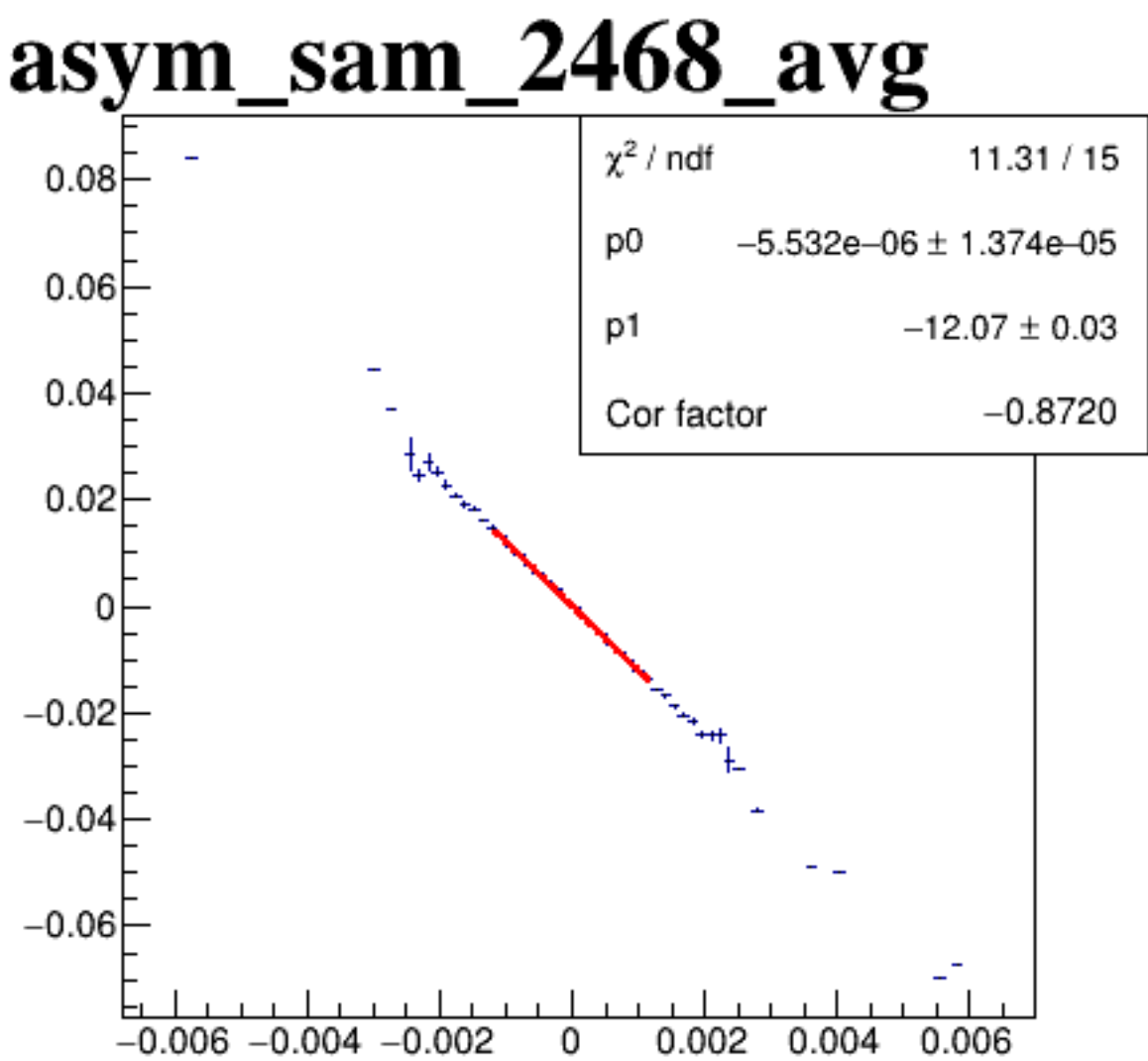
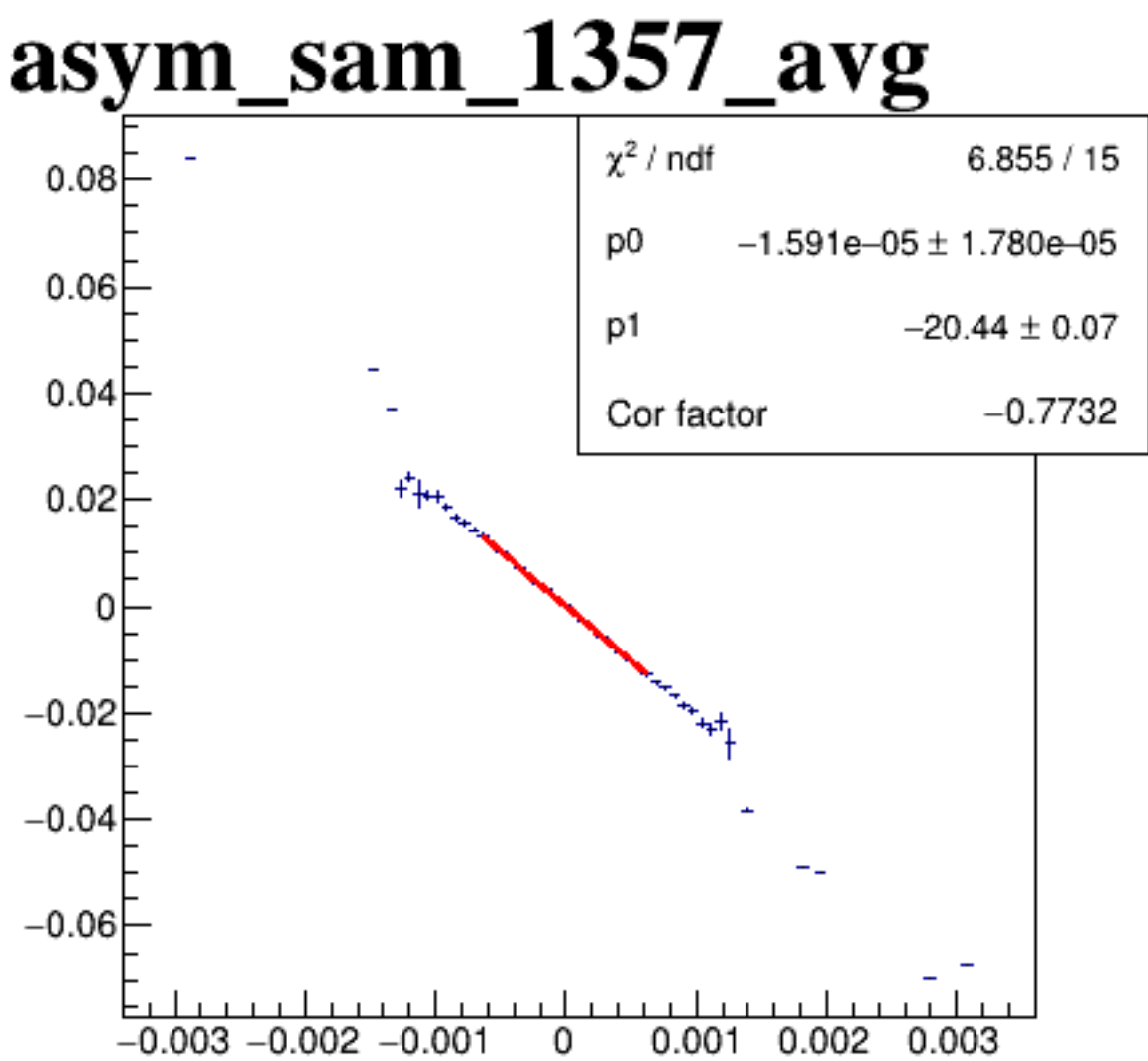
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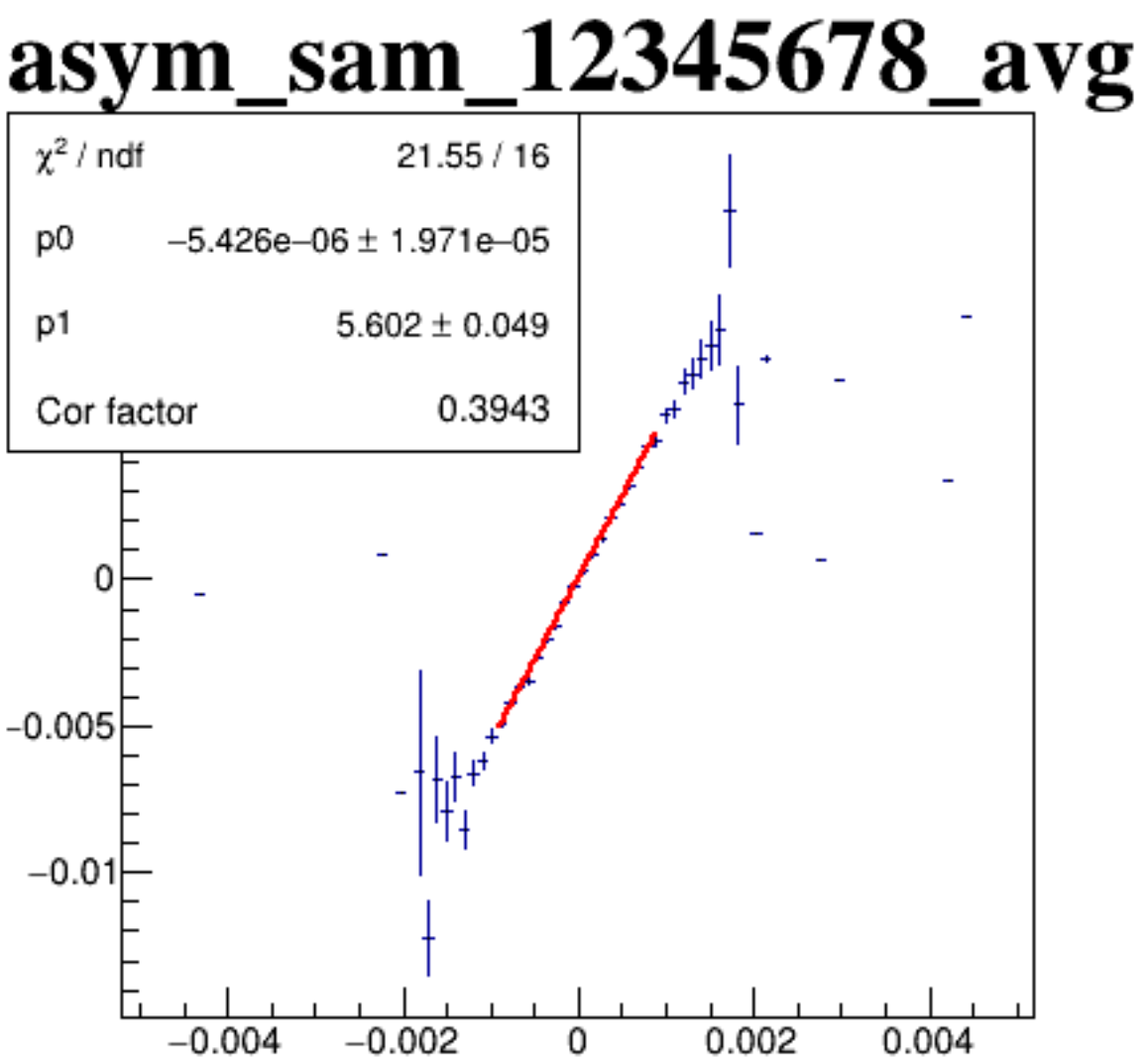
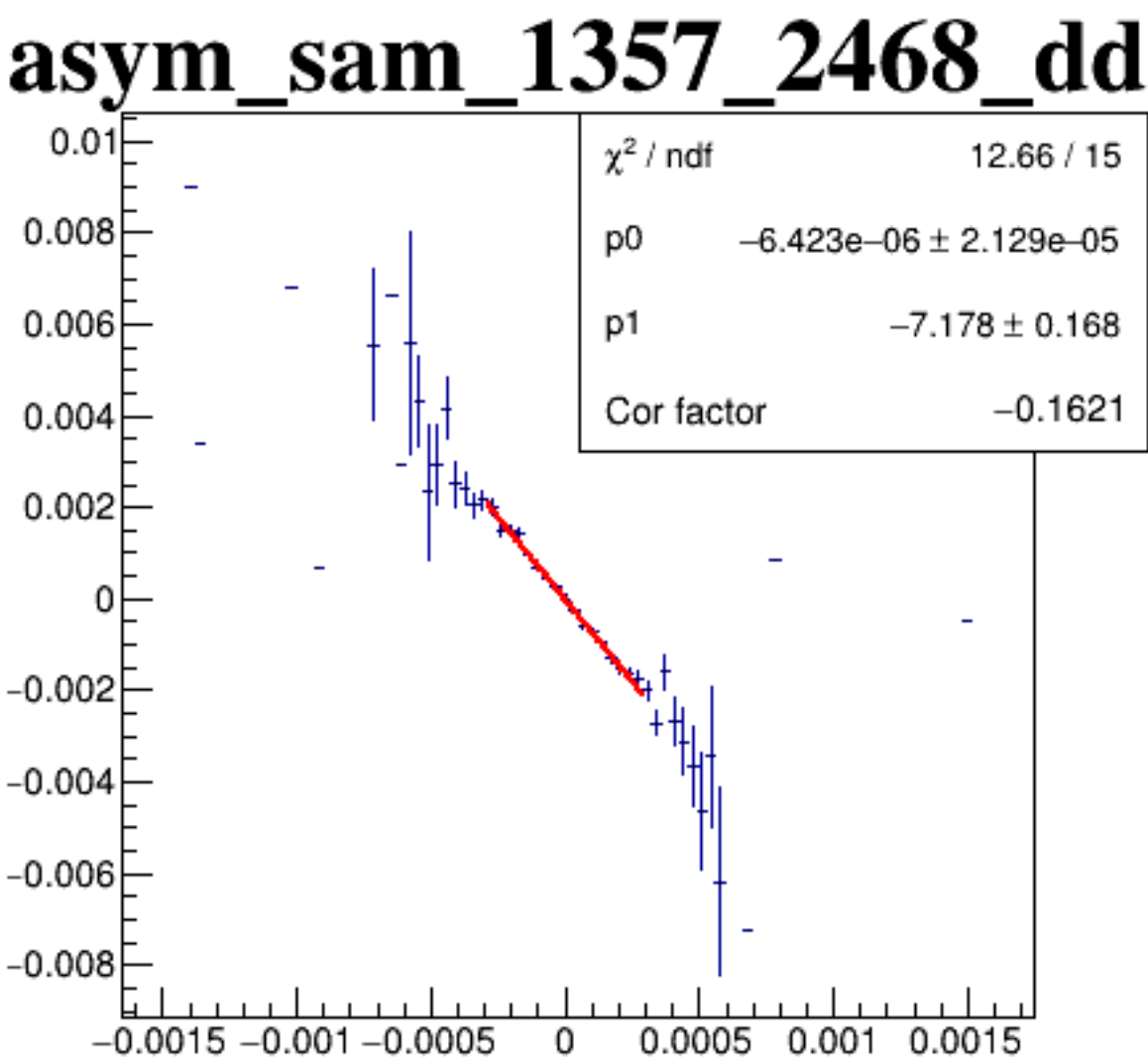
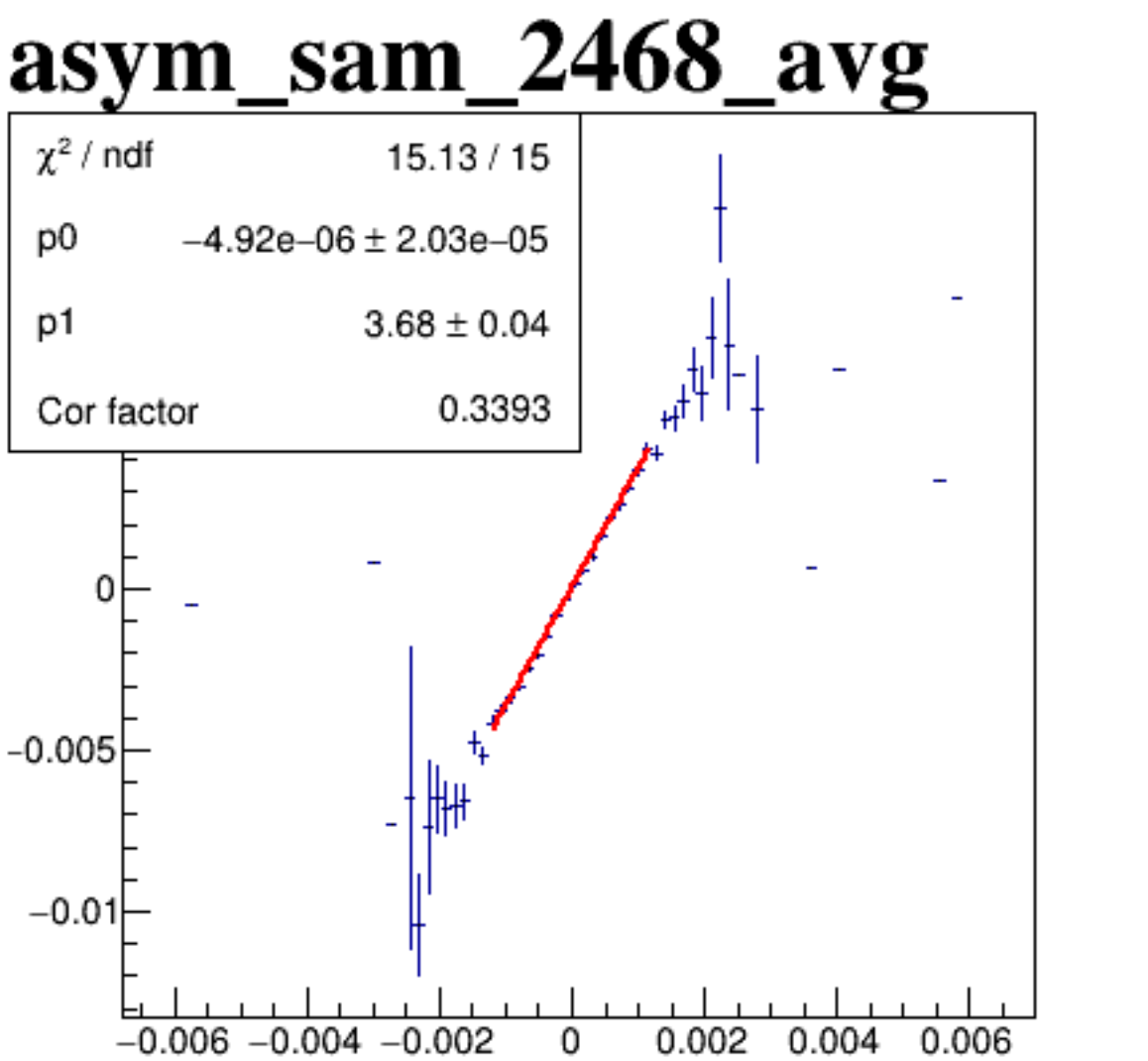
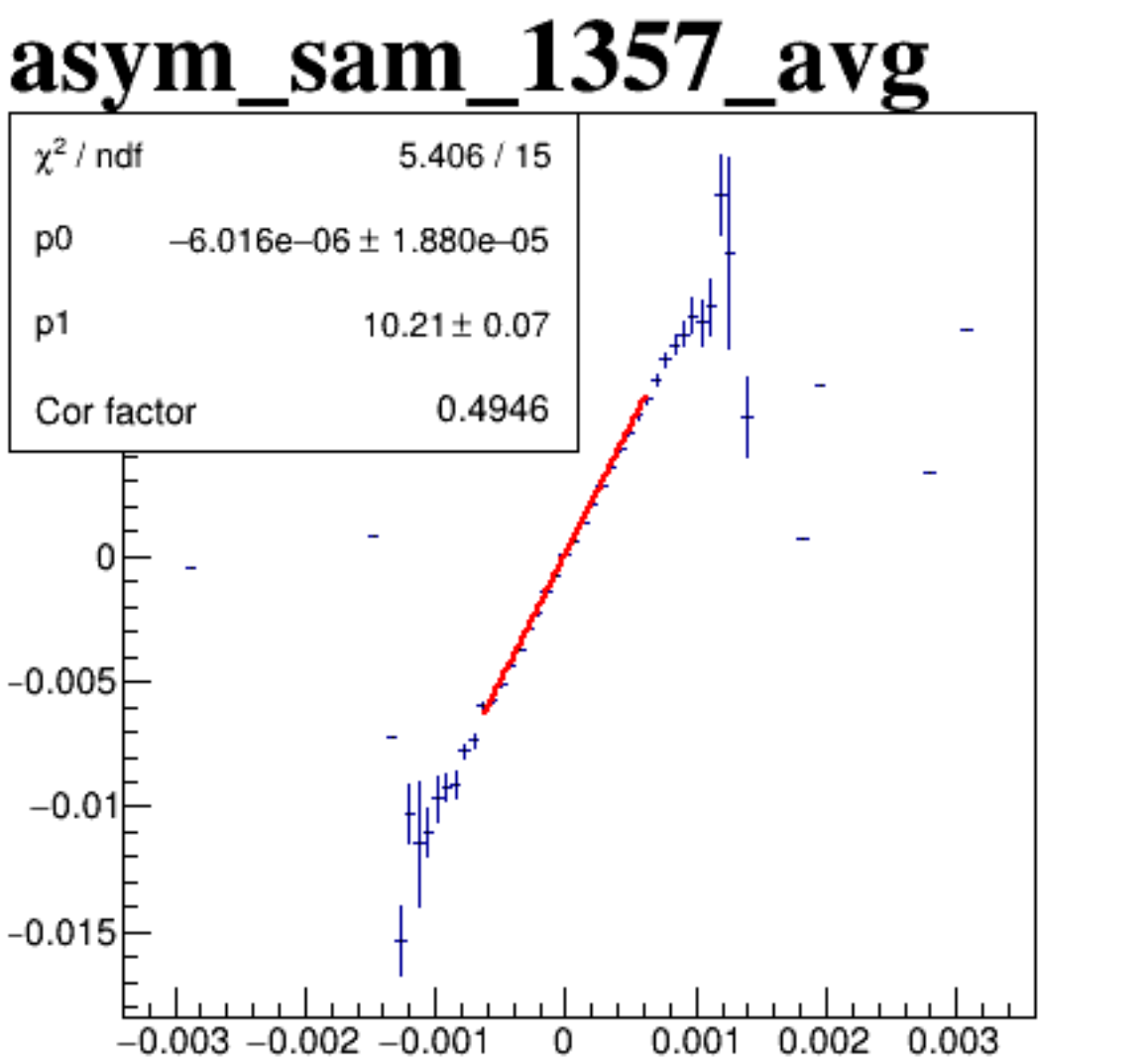
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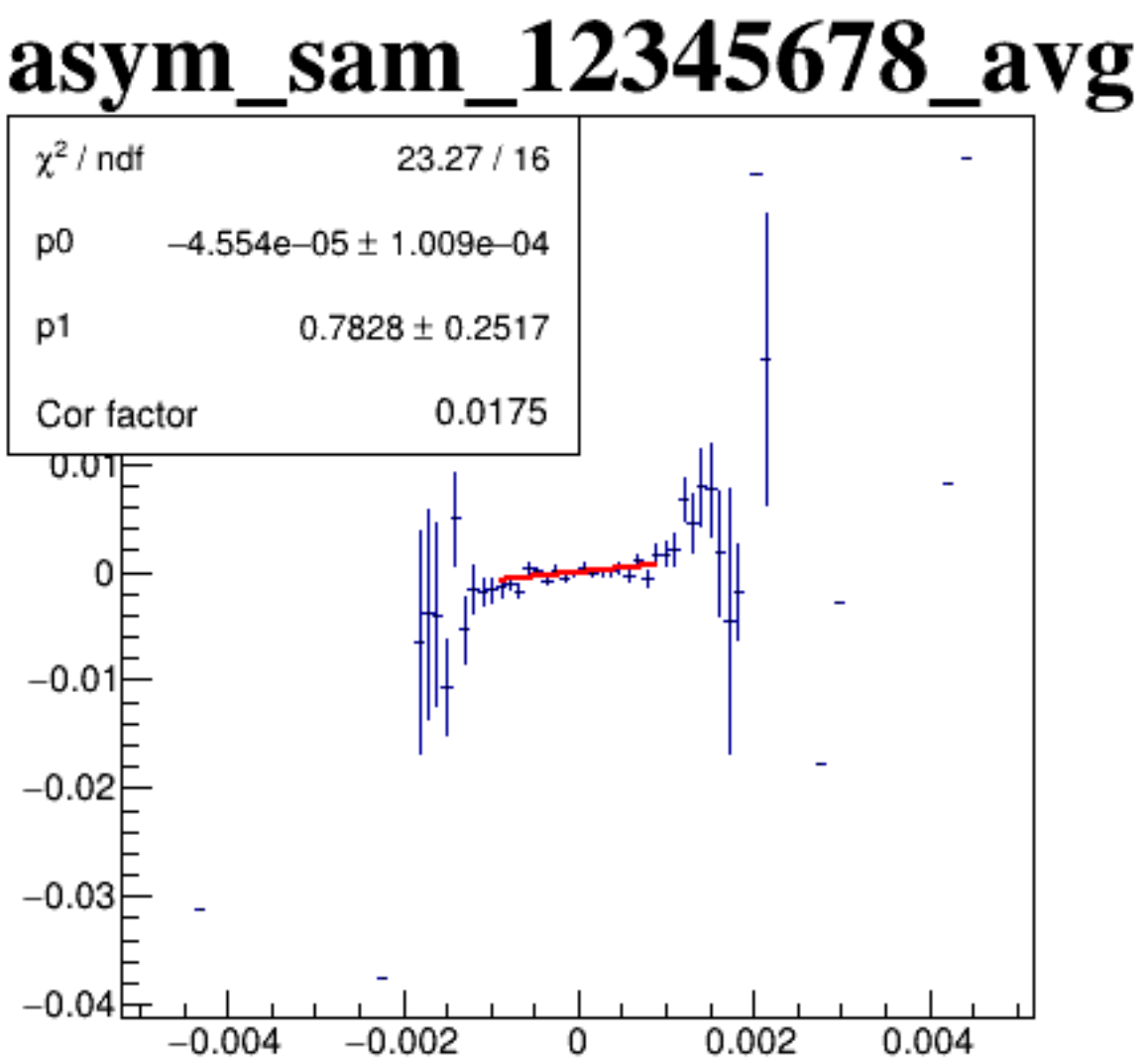
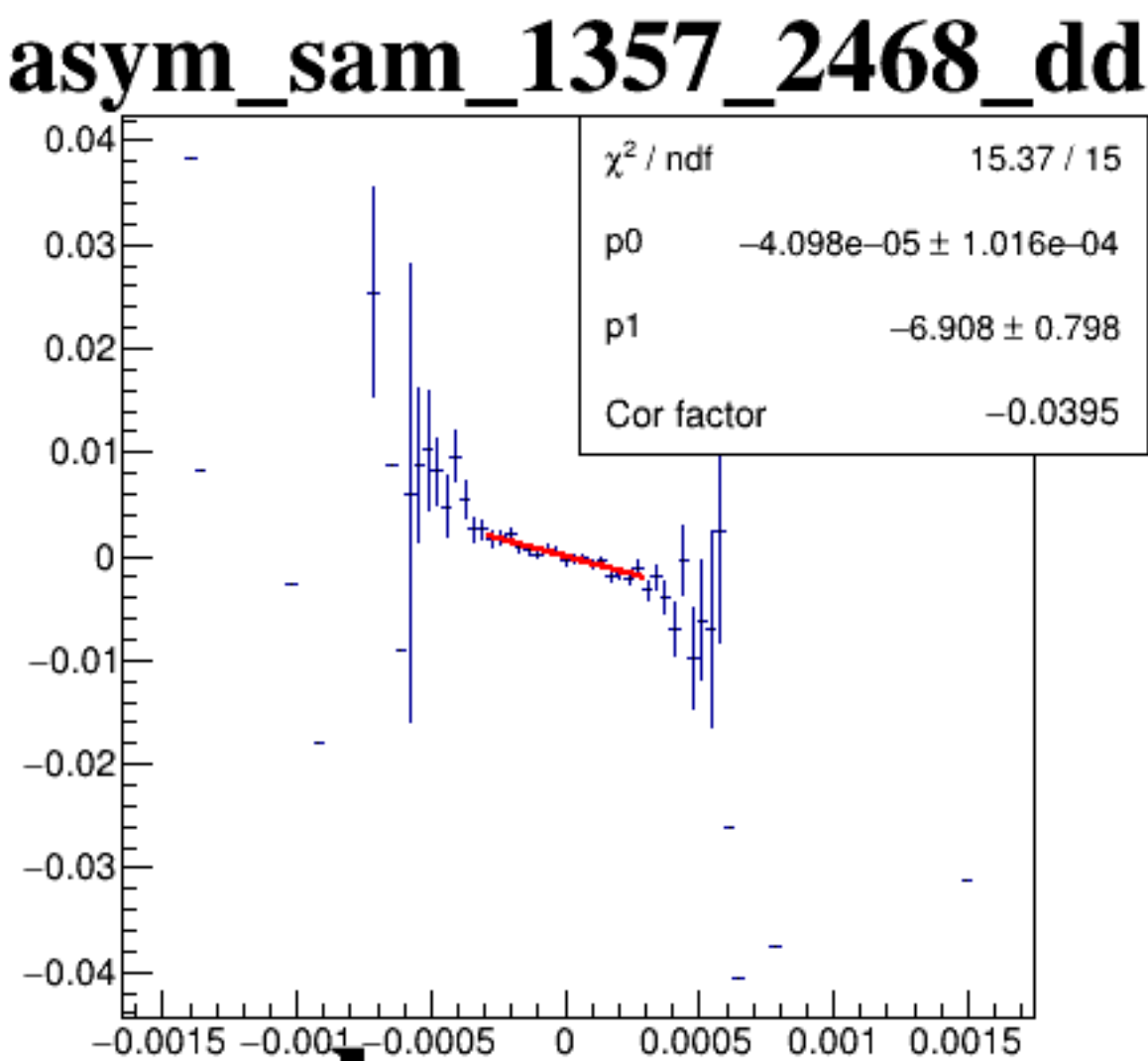
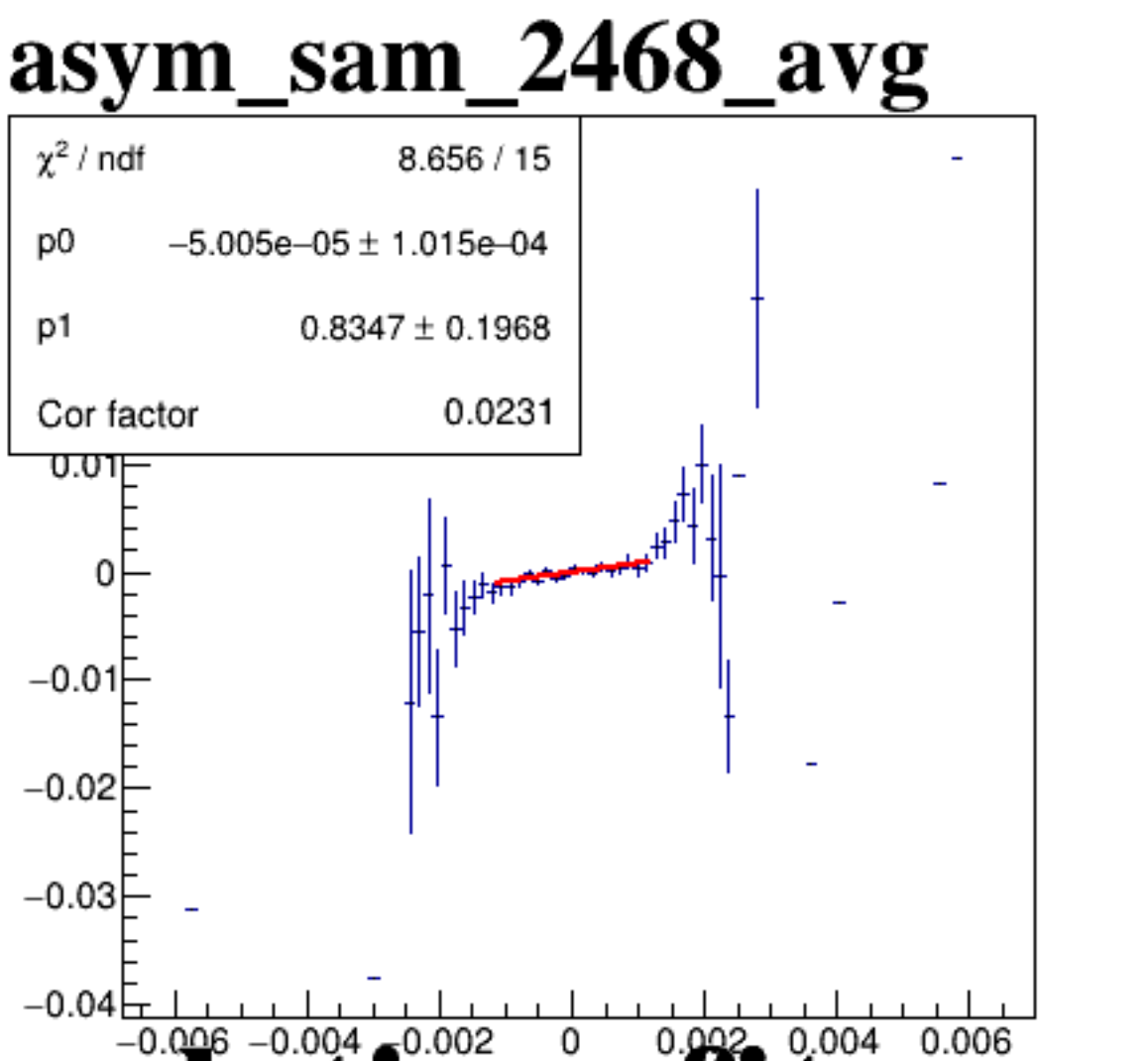
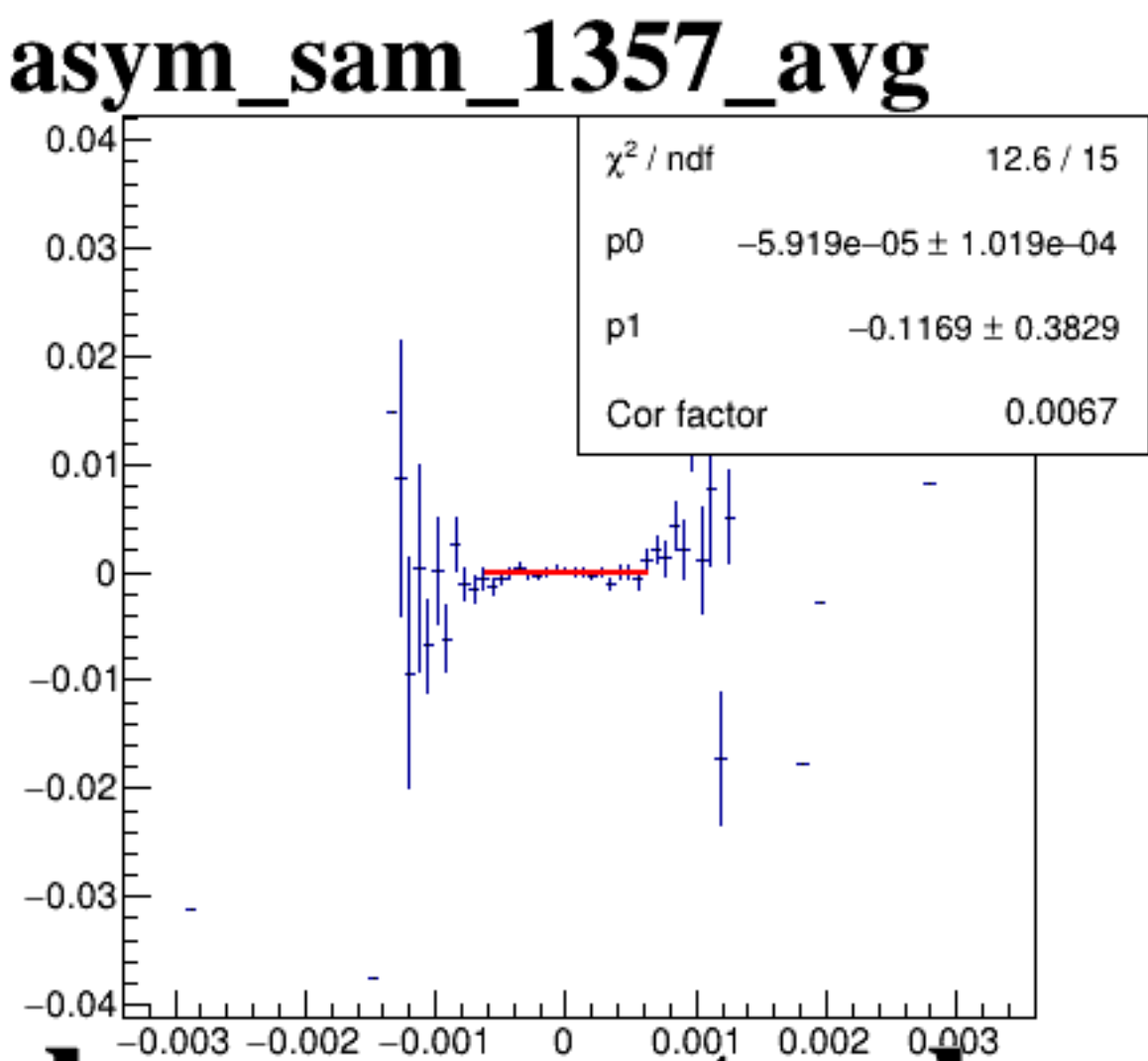
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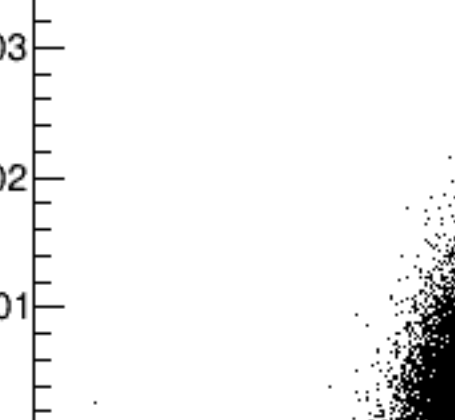


diff_bpm4eY



diff_bpm12X





A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The data points are tightly clustered around the origin (0,0), forming an elliptical shape. The x-axis ranges from -0.0050 to 0.005, and the y-axis ranges from -0.03 to 0.03.

A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The y-axis ranges from -0.08 to 0.08, and the x-axis ranges from -0.0050 to 0.005. The data points form a dense, elongated elliptical cloud centered around (0,0), indicating a strong positive correlation.