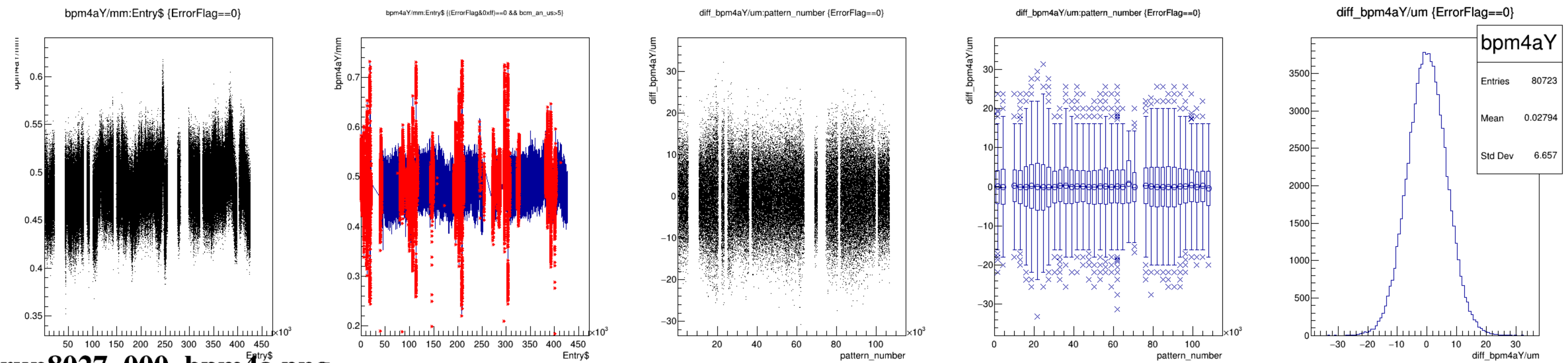
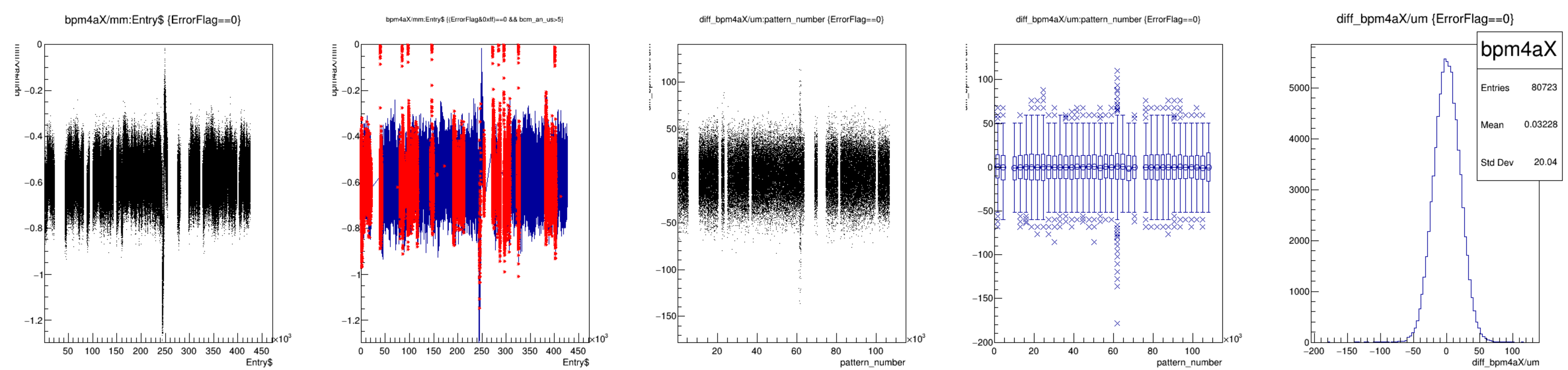
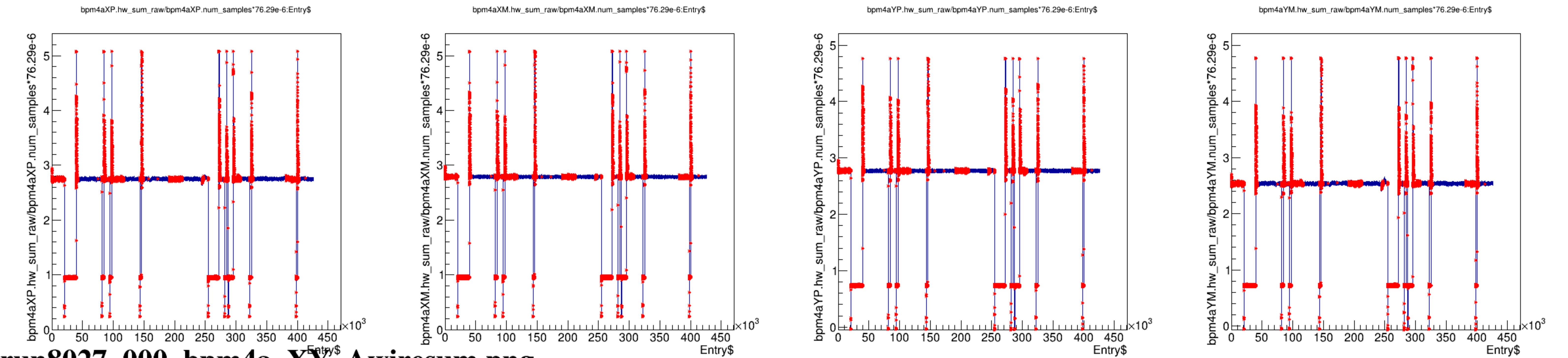
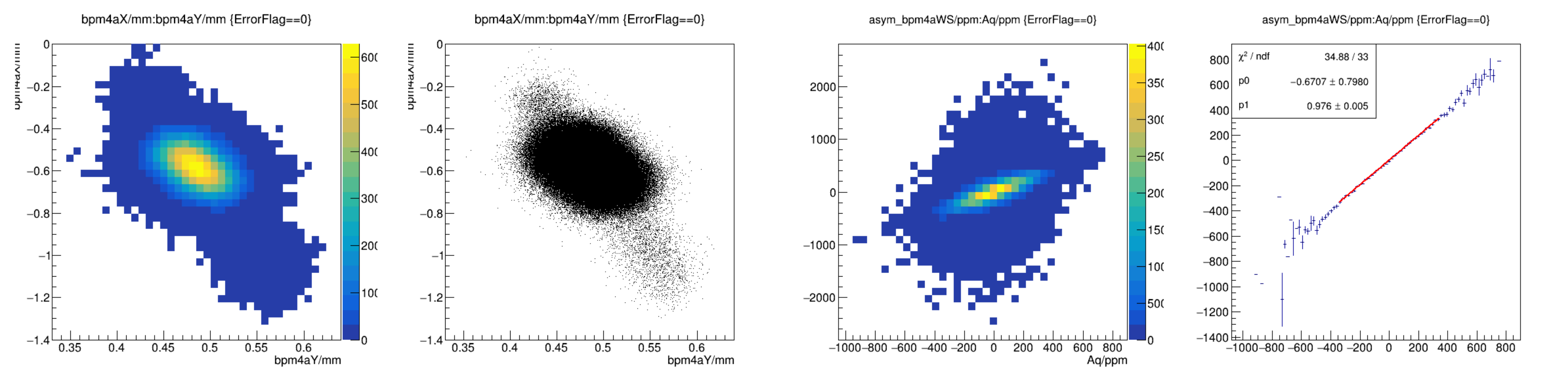
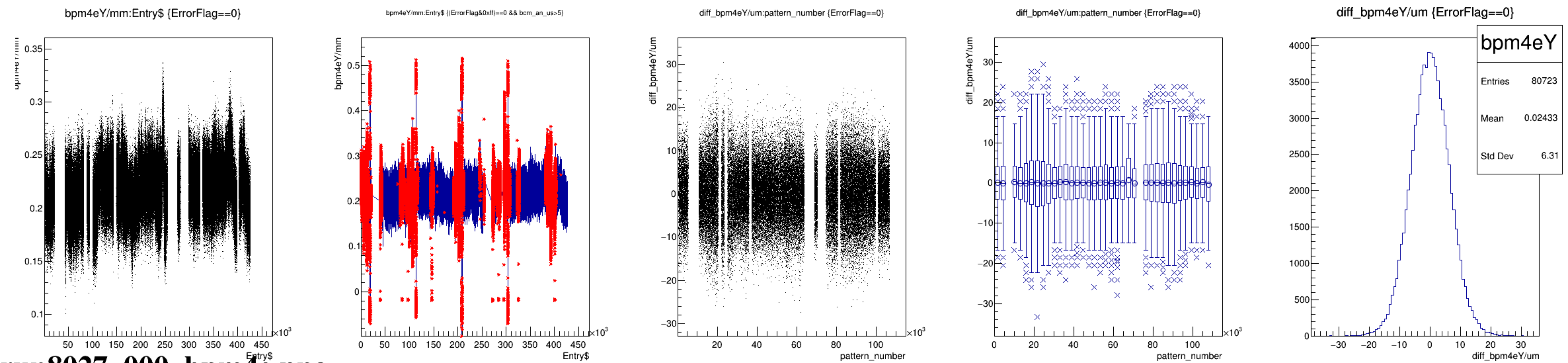
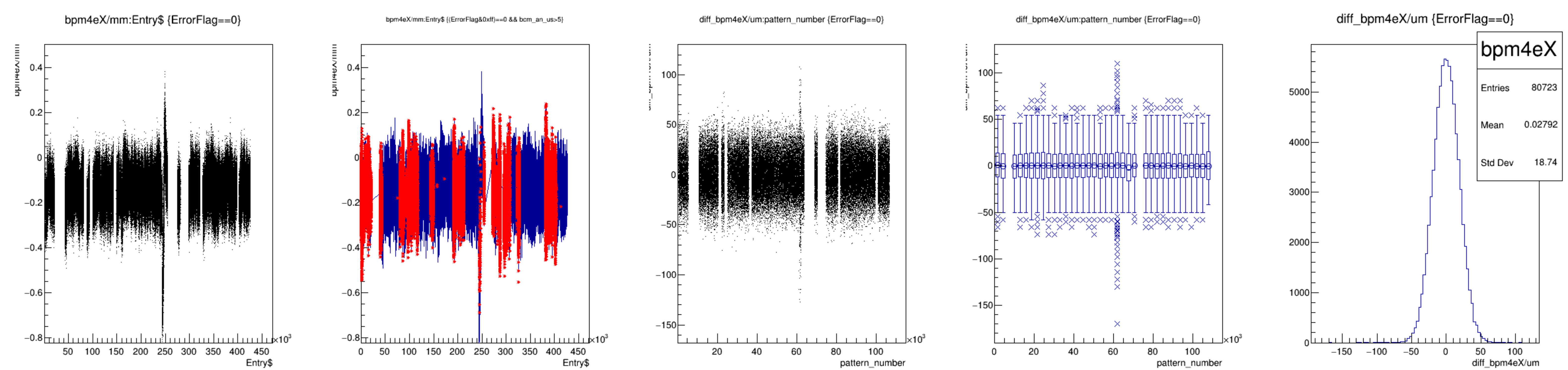
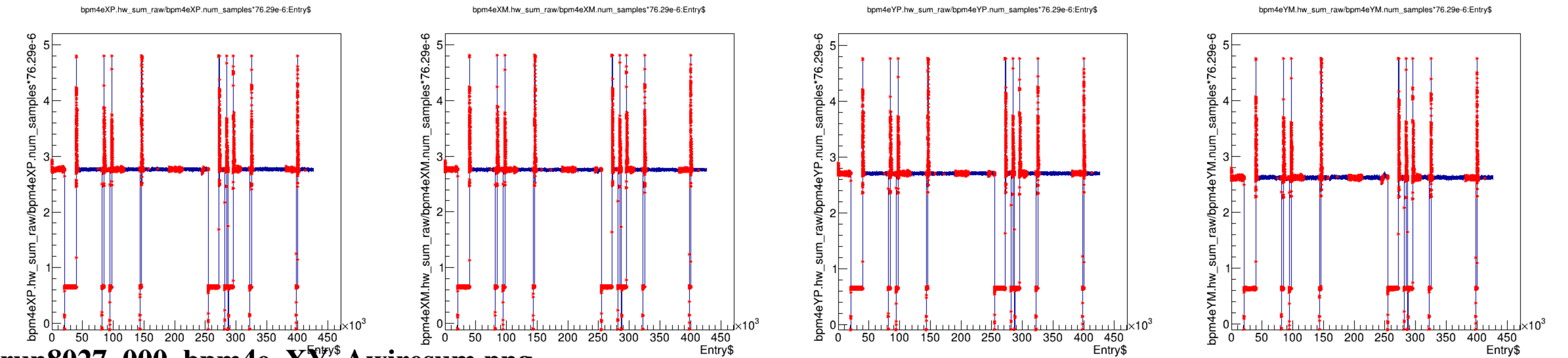
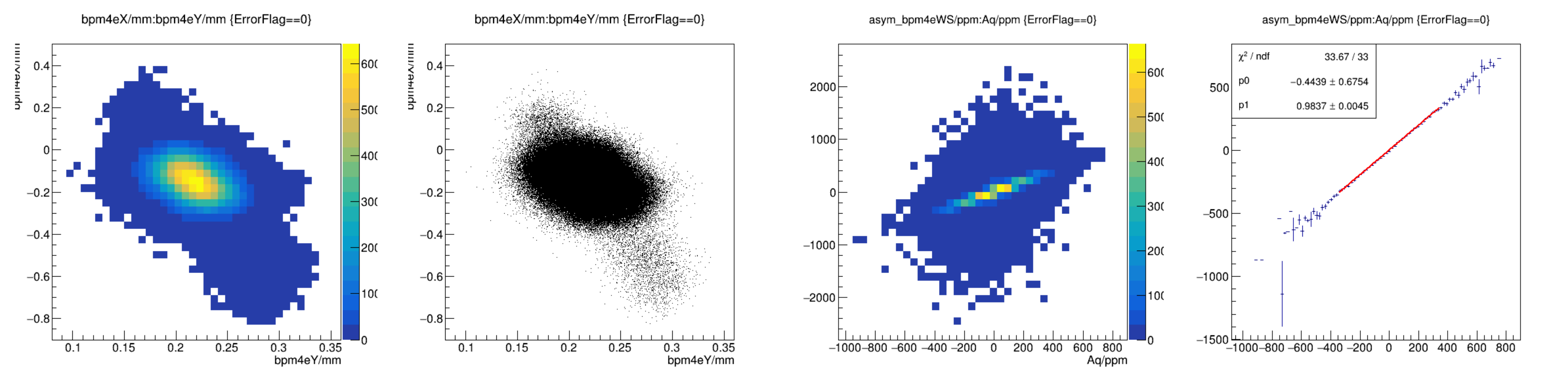
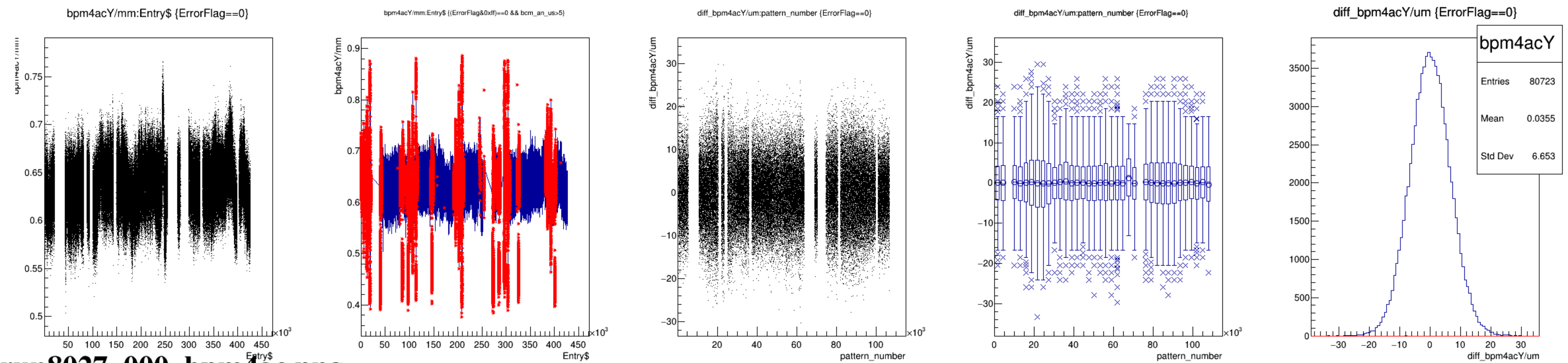
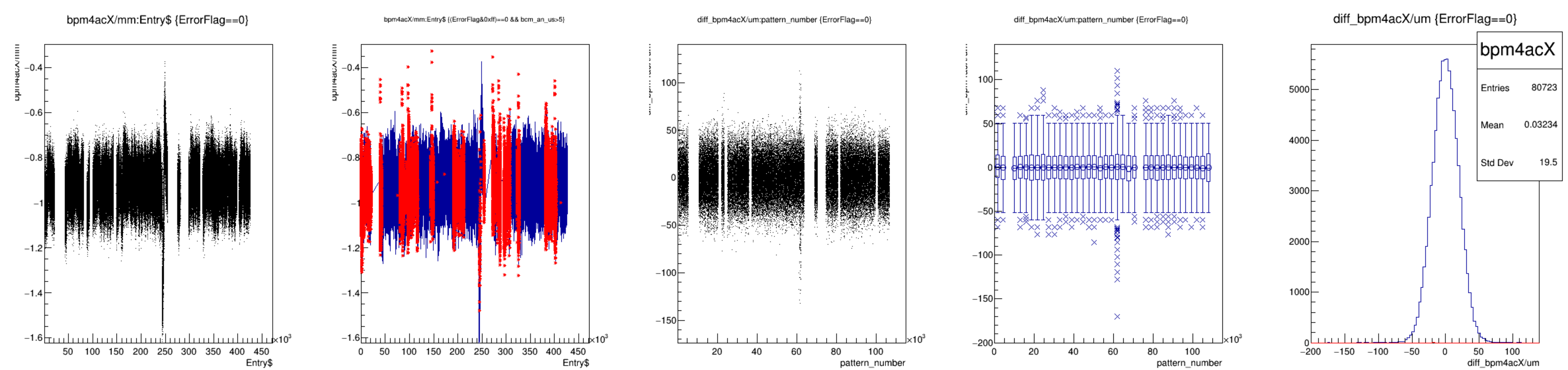


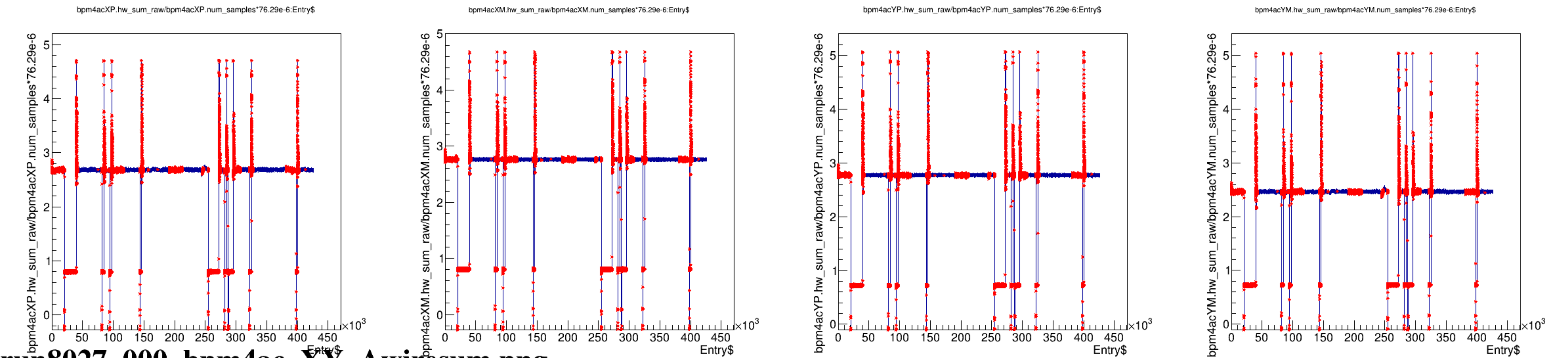
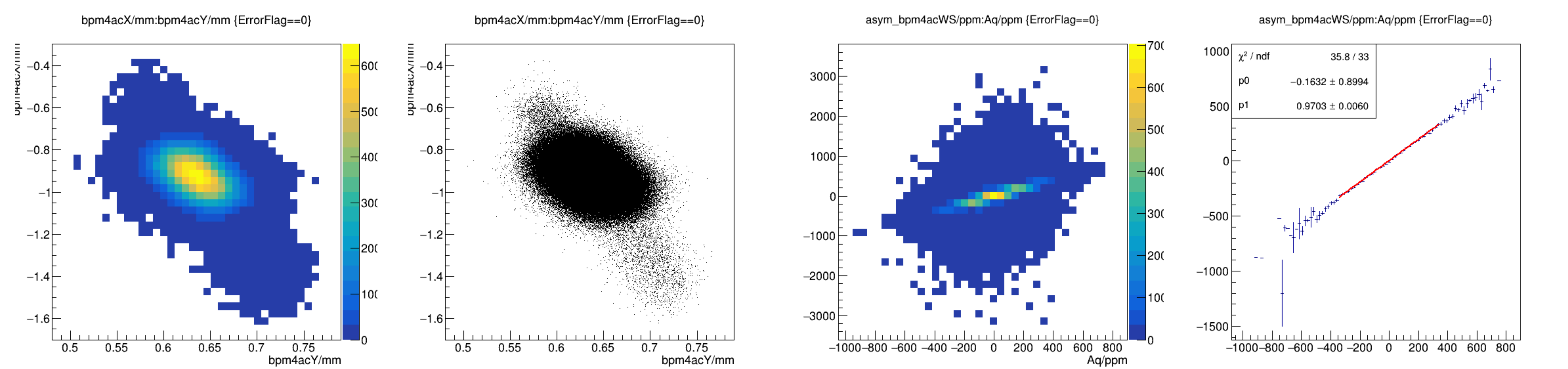


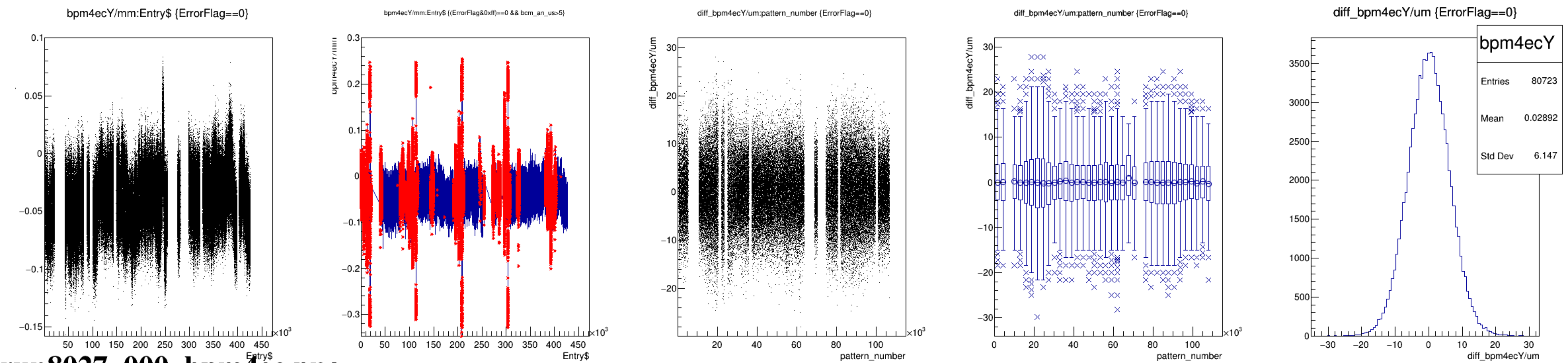
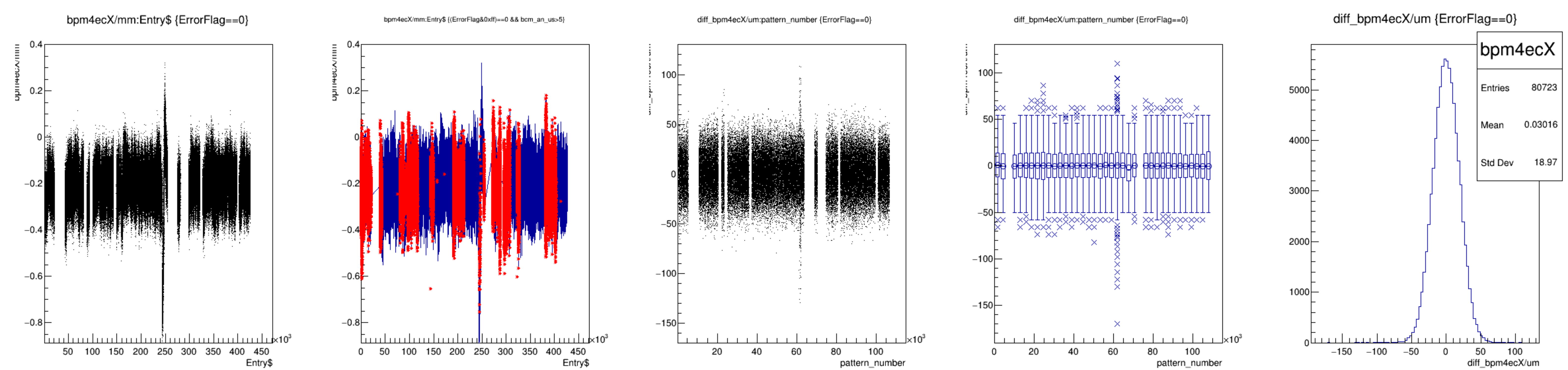


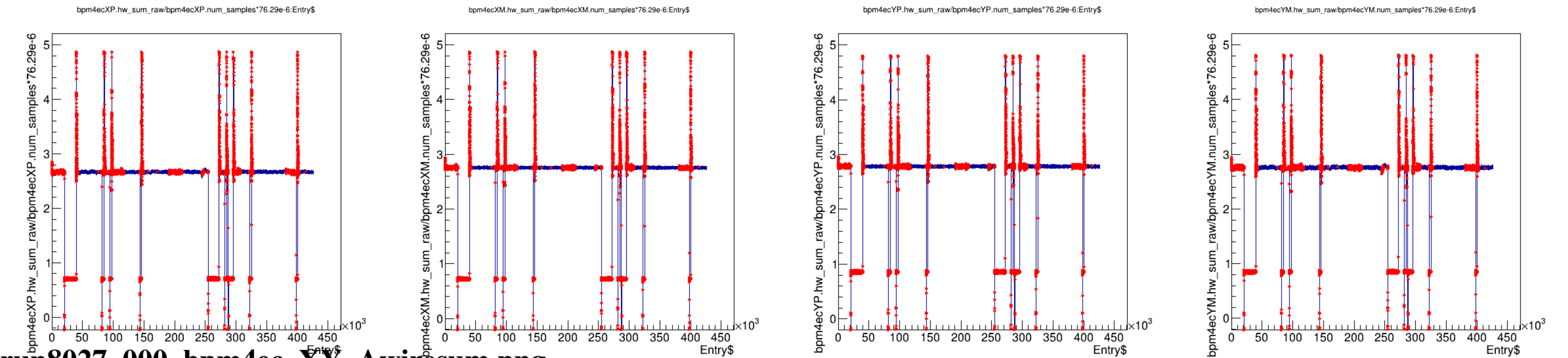
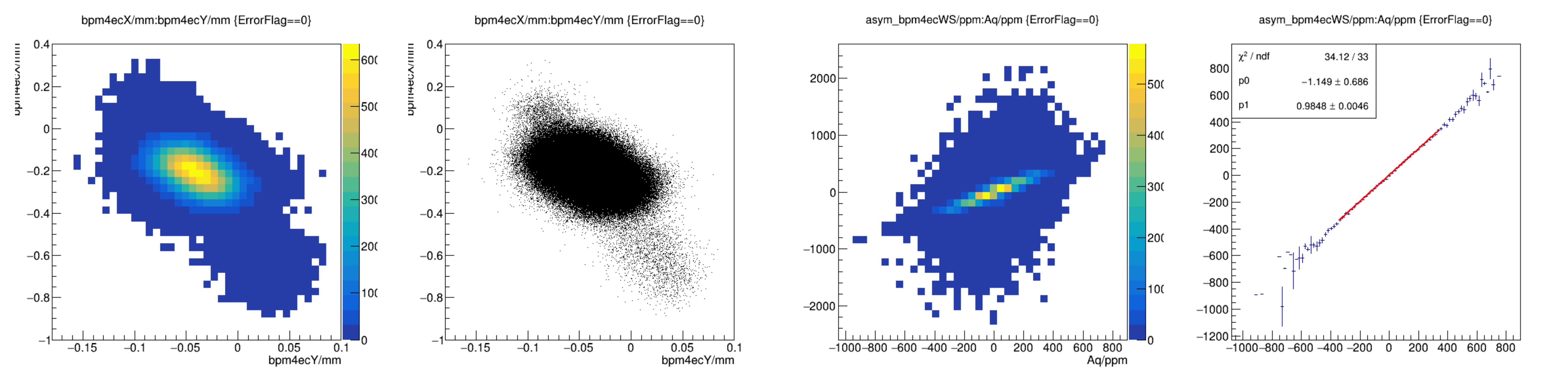


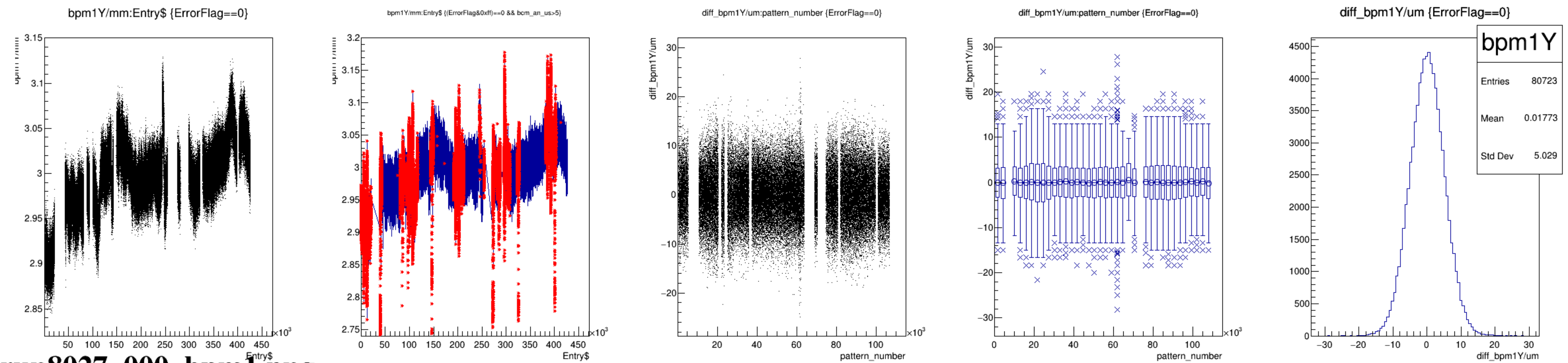
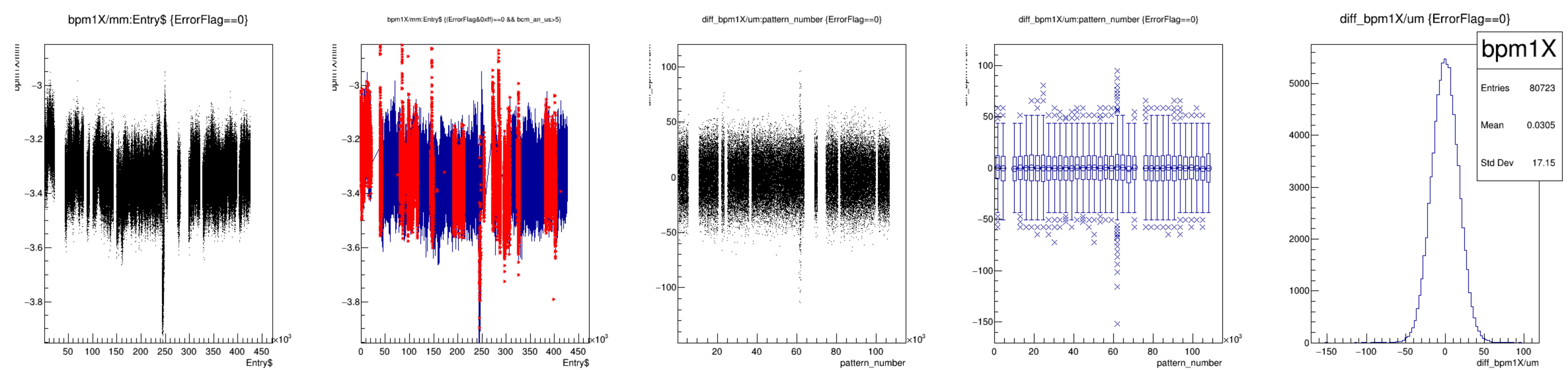


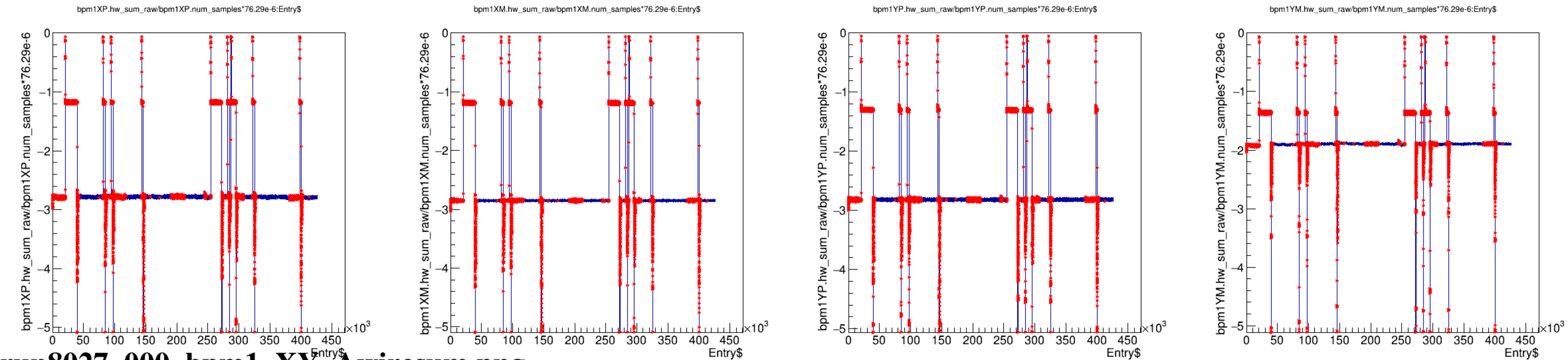
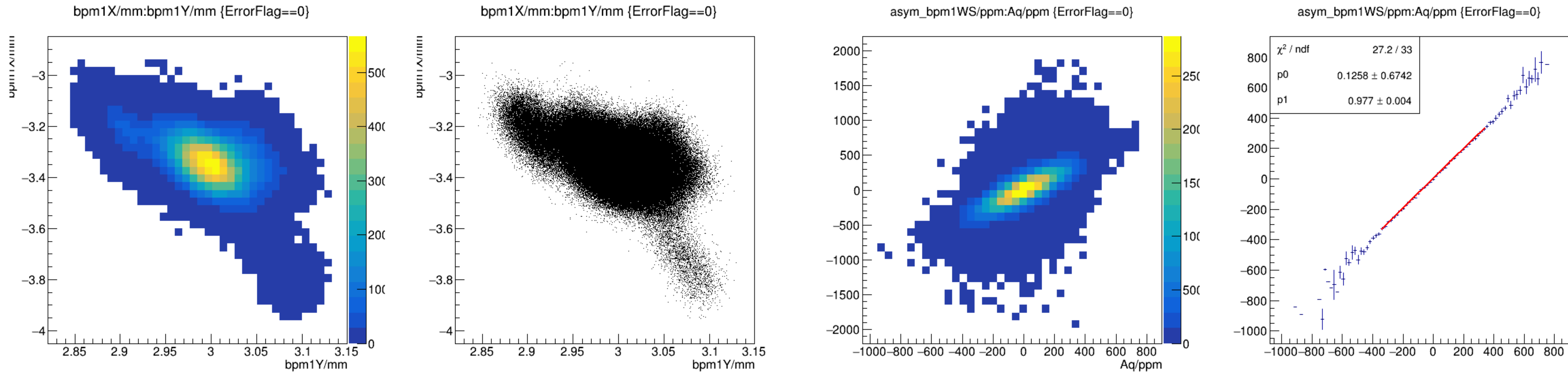


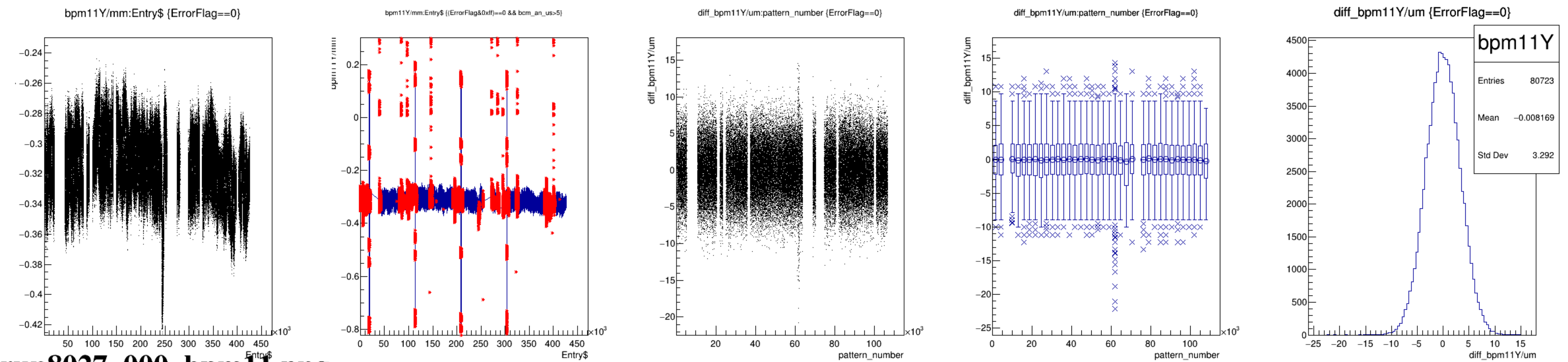
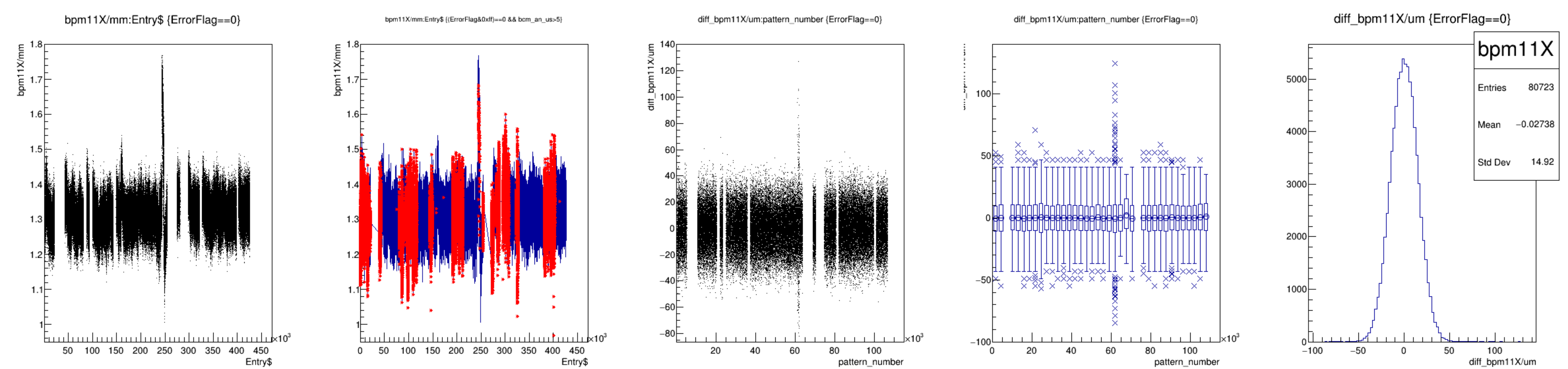


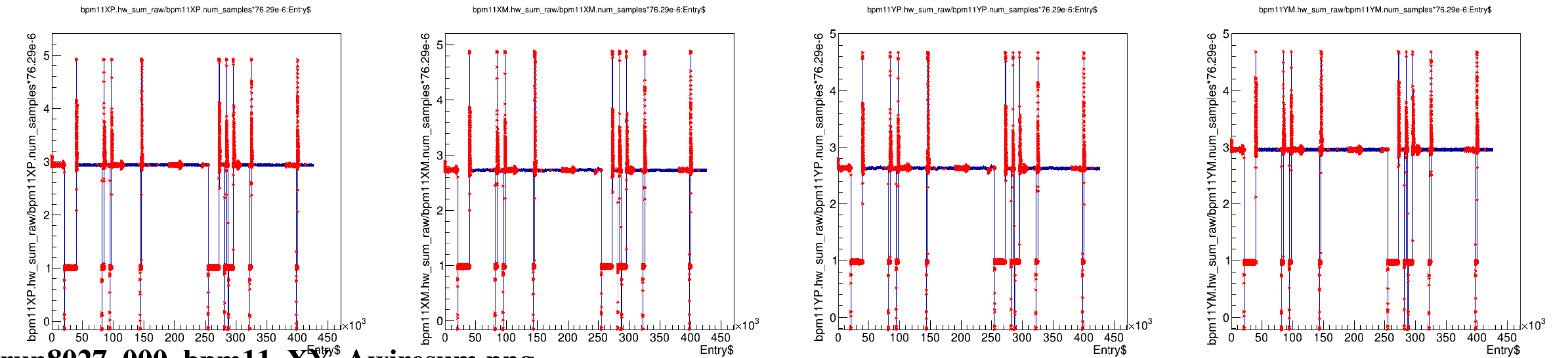
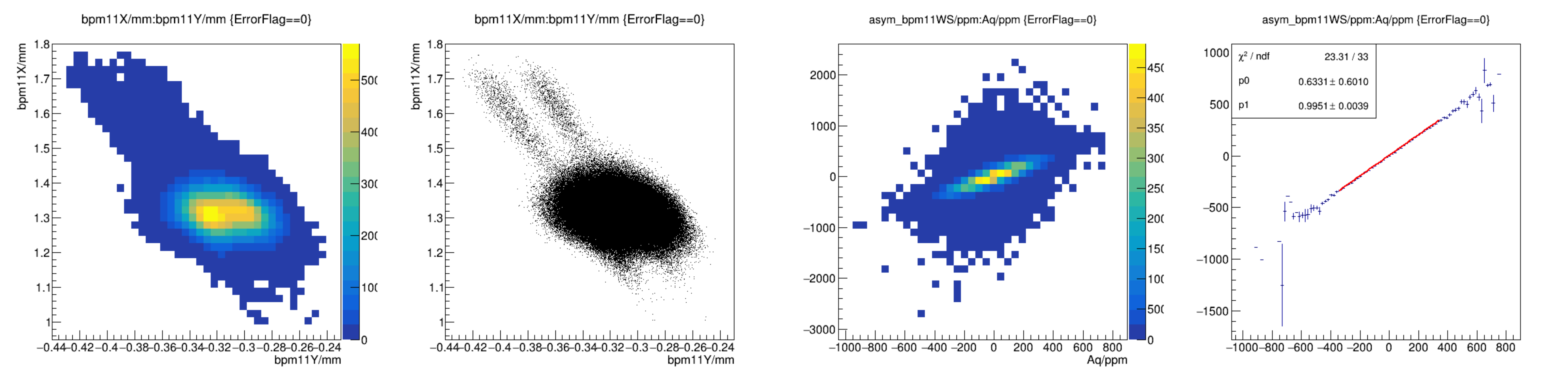




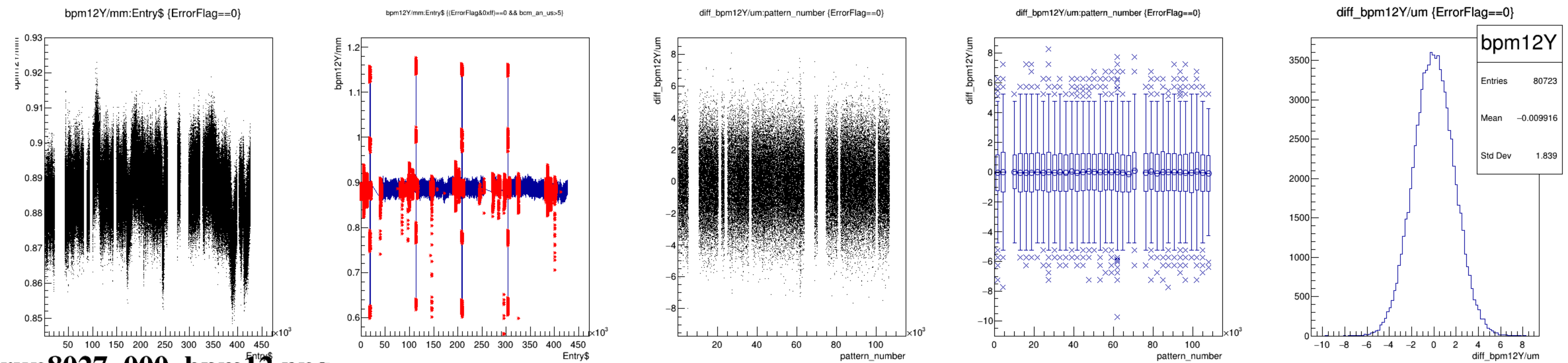
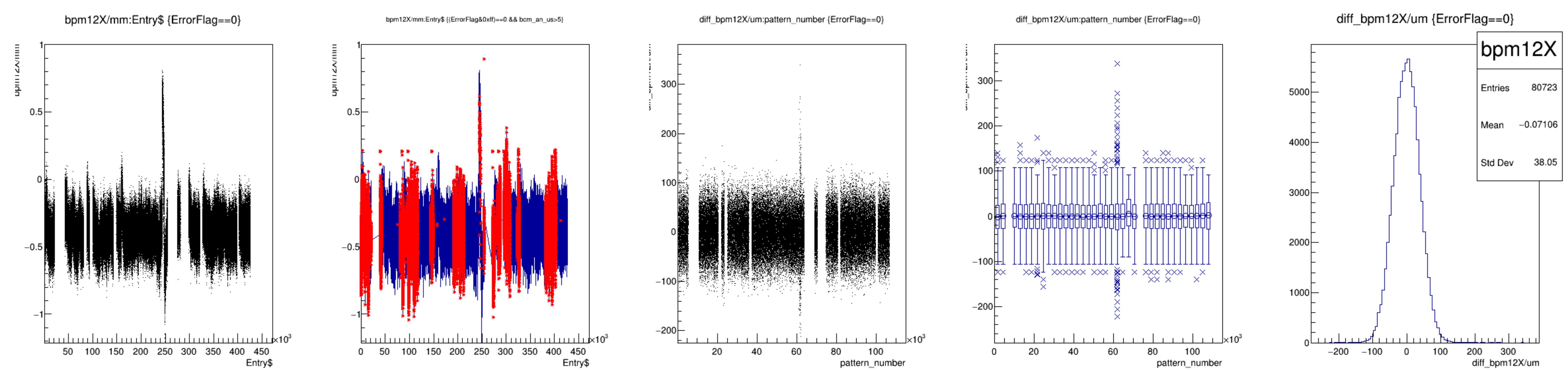


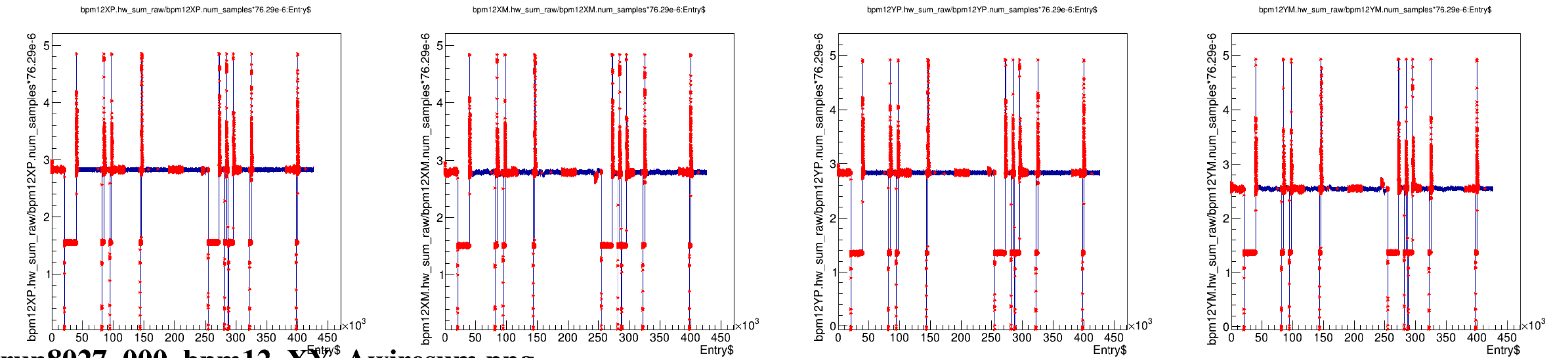
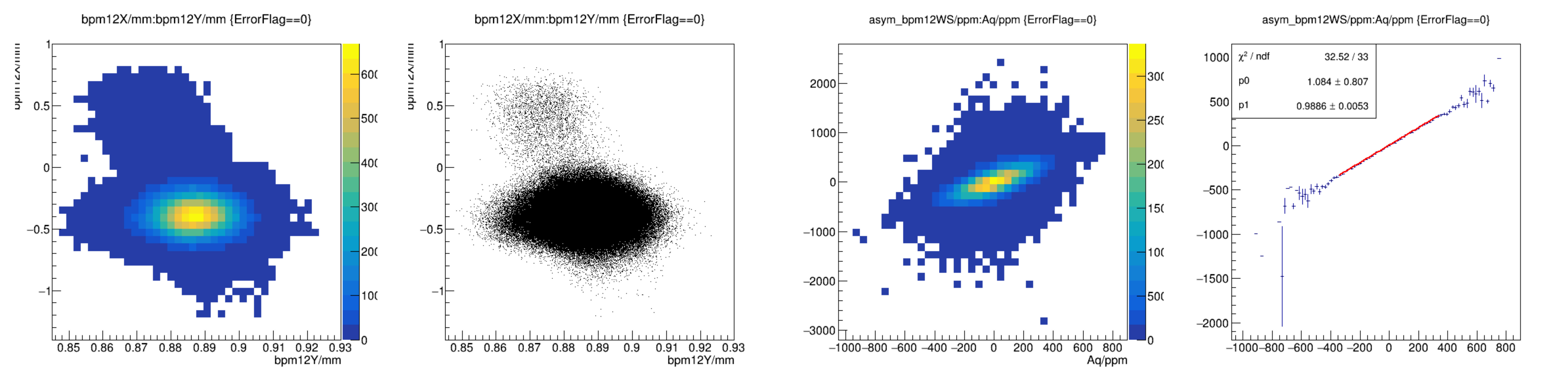




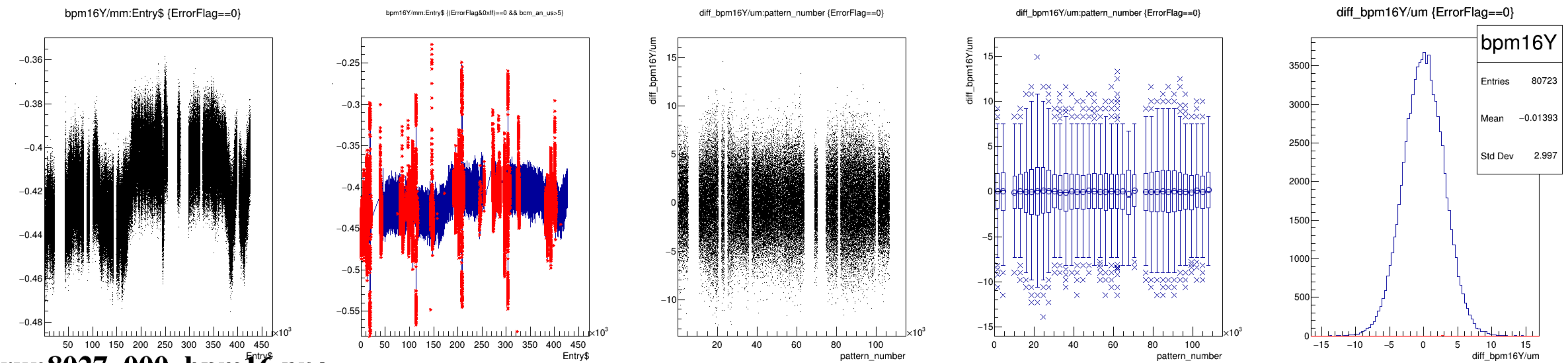
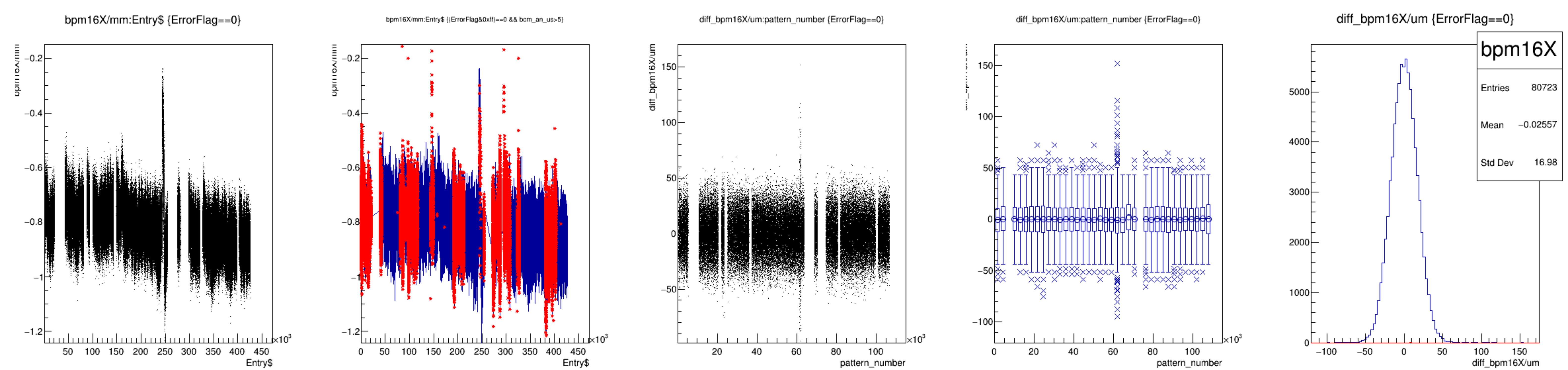


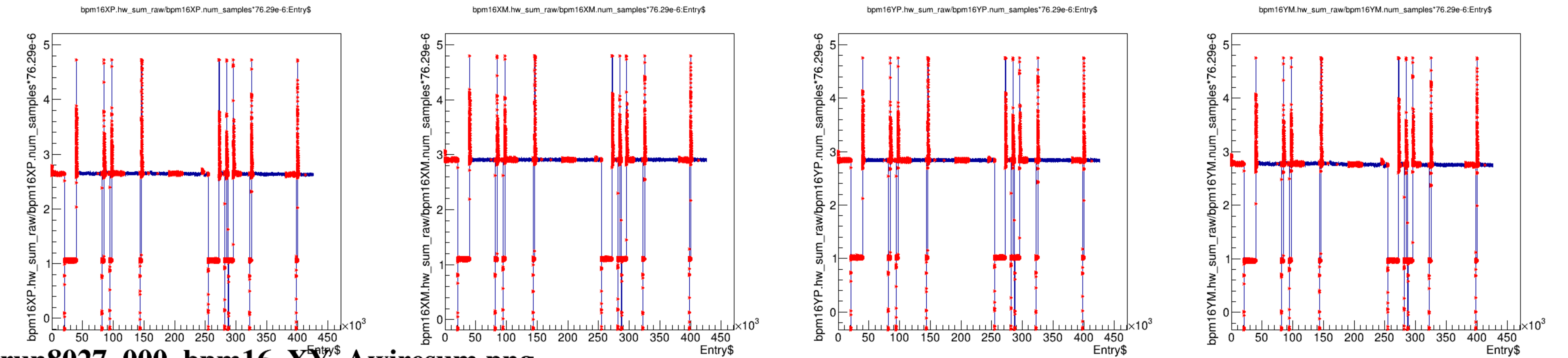
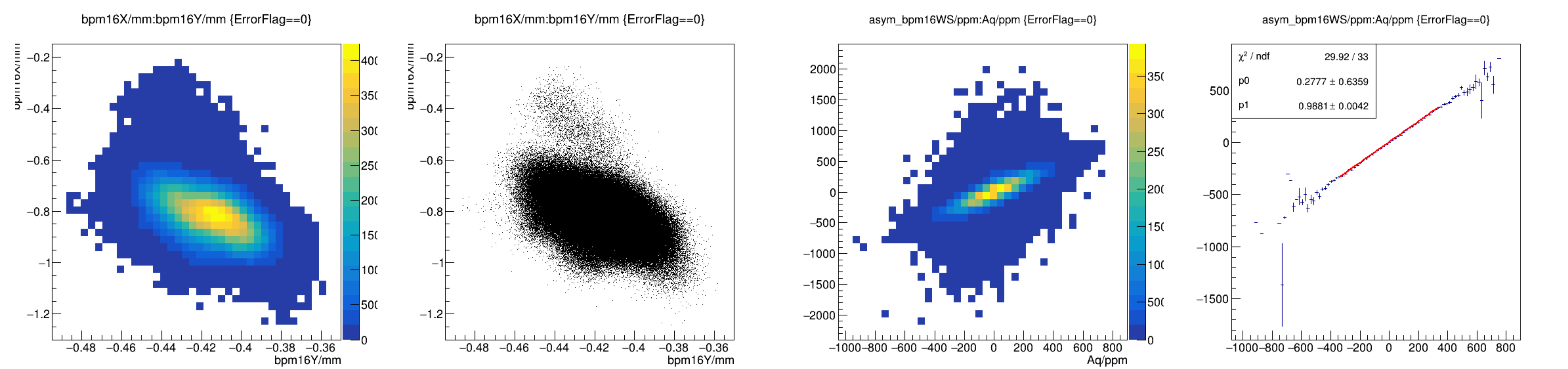
run8027_000_bpm11_XY_Awiresum.png

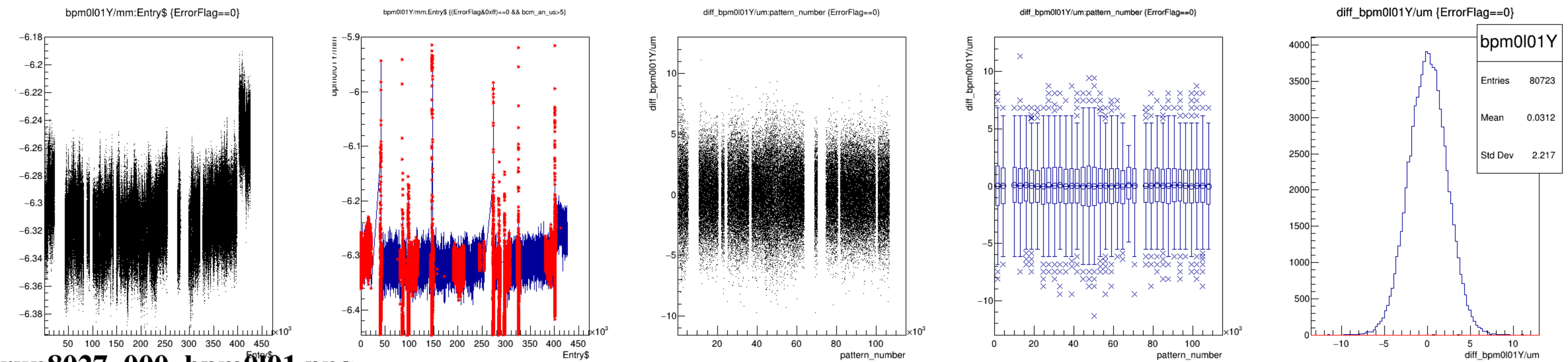
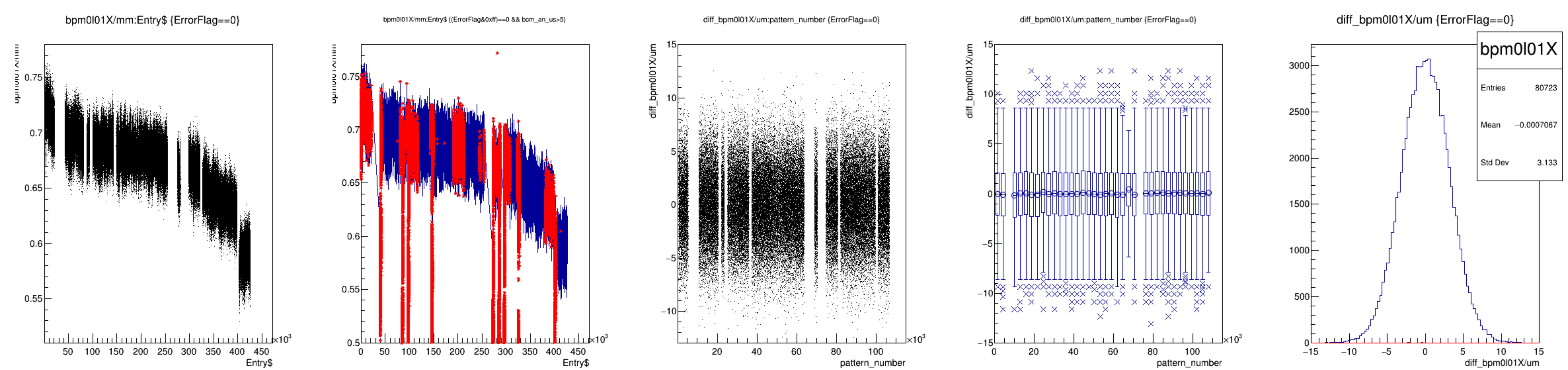


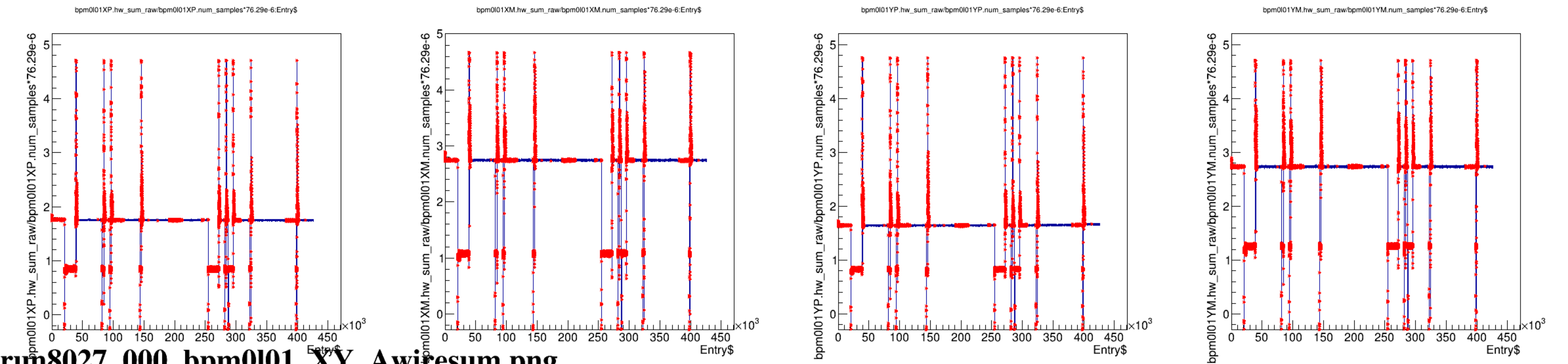
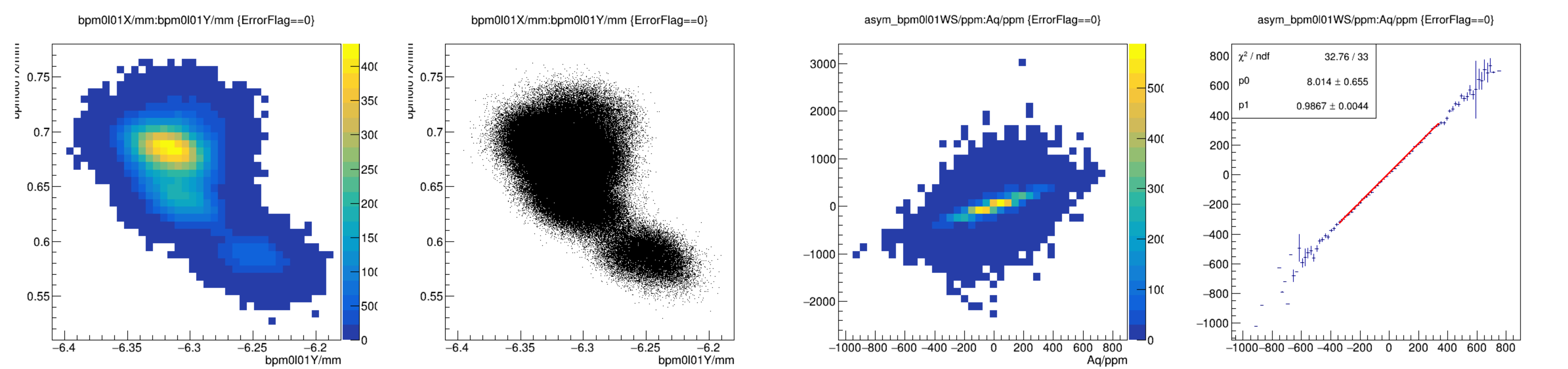


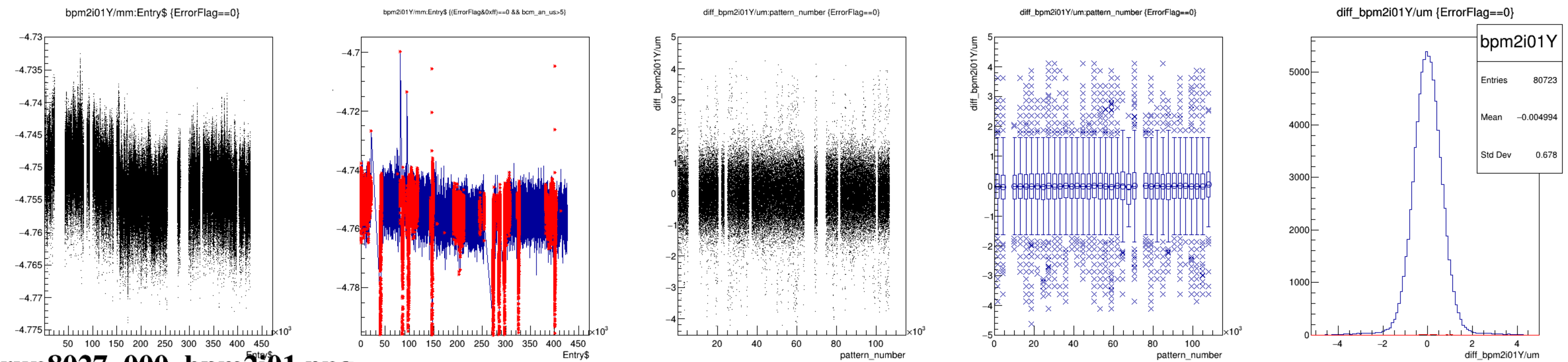
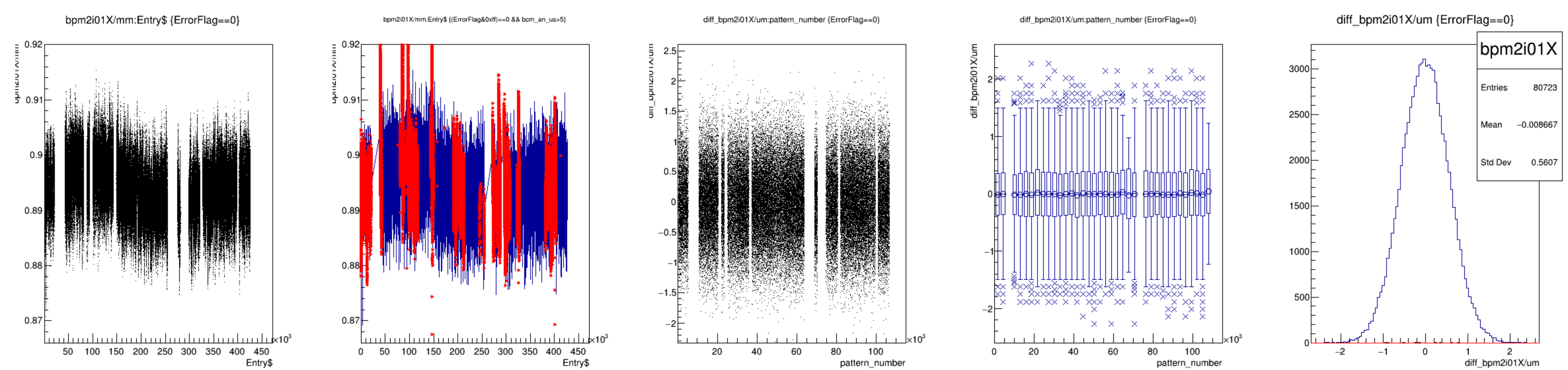
run8027_000_bpm12_XY_Awiresum.png

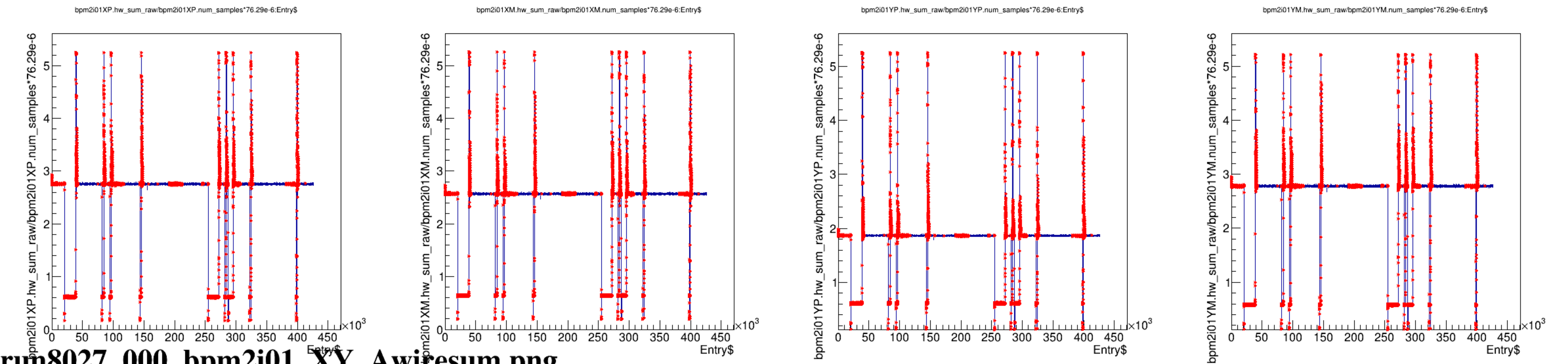
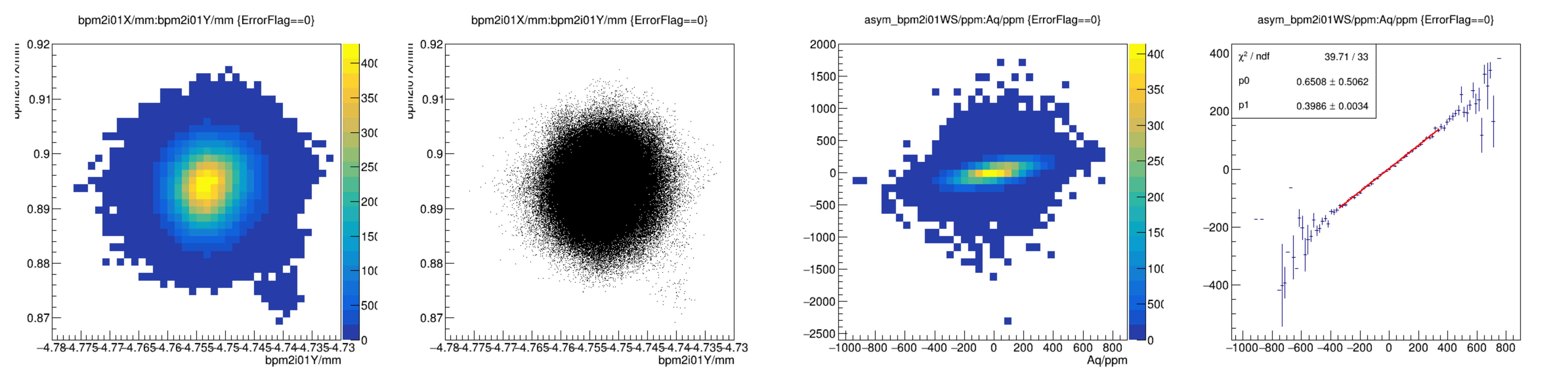


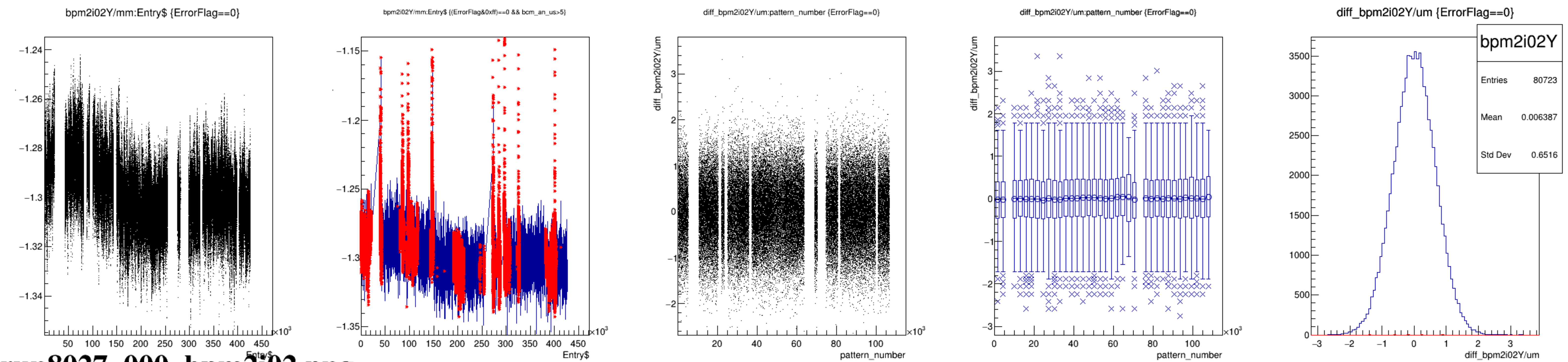
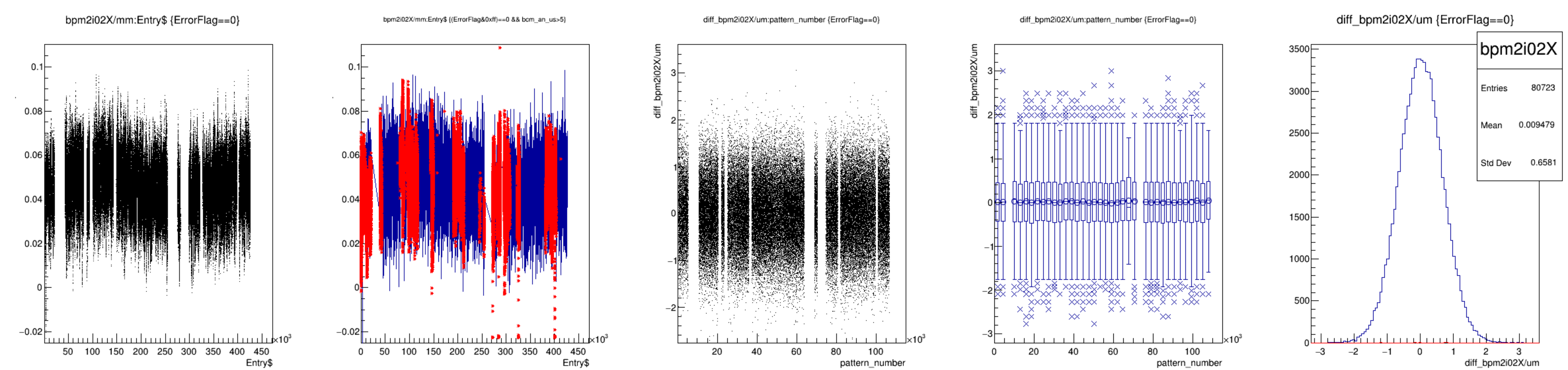




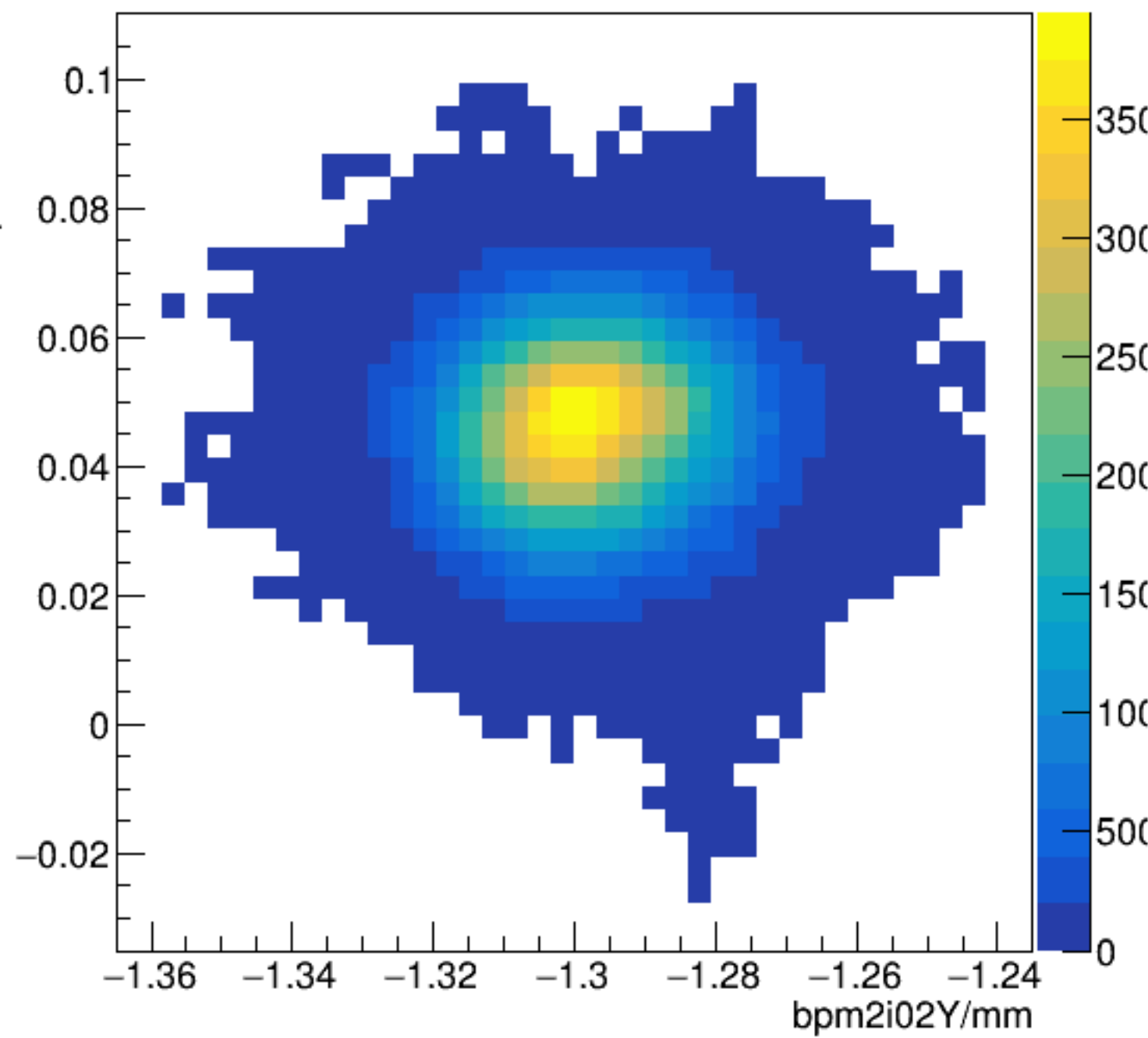




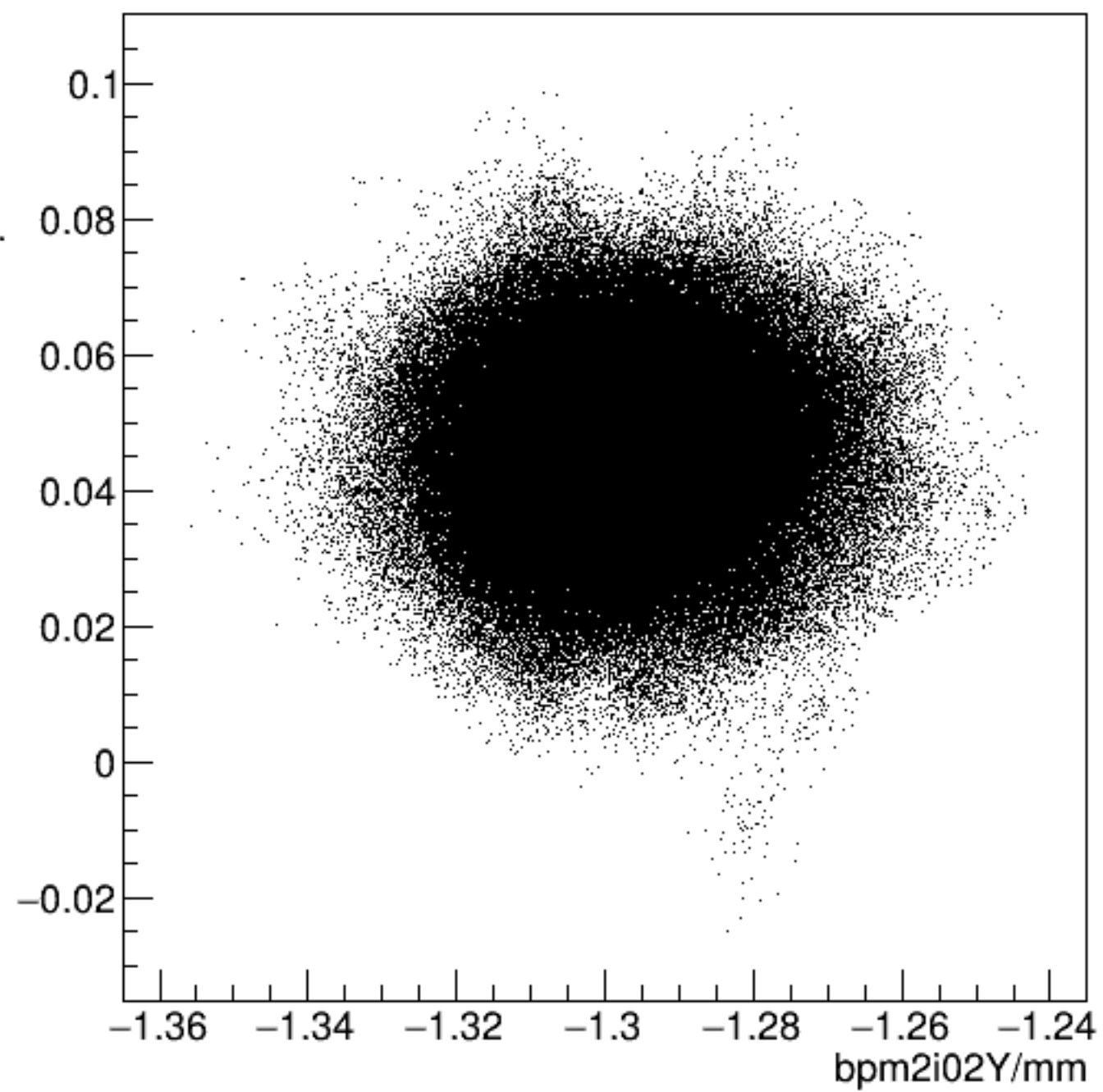




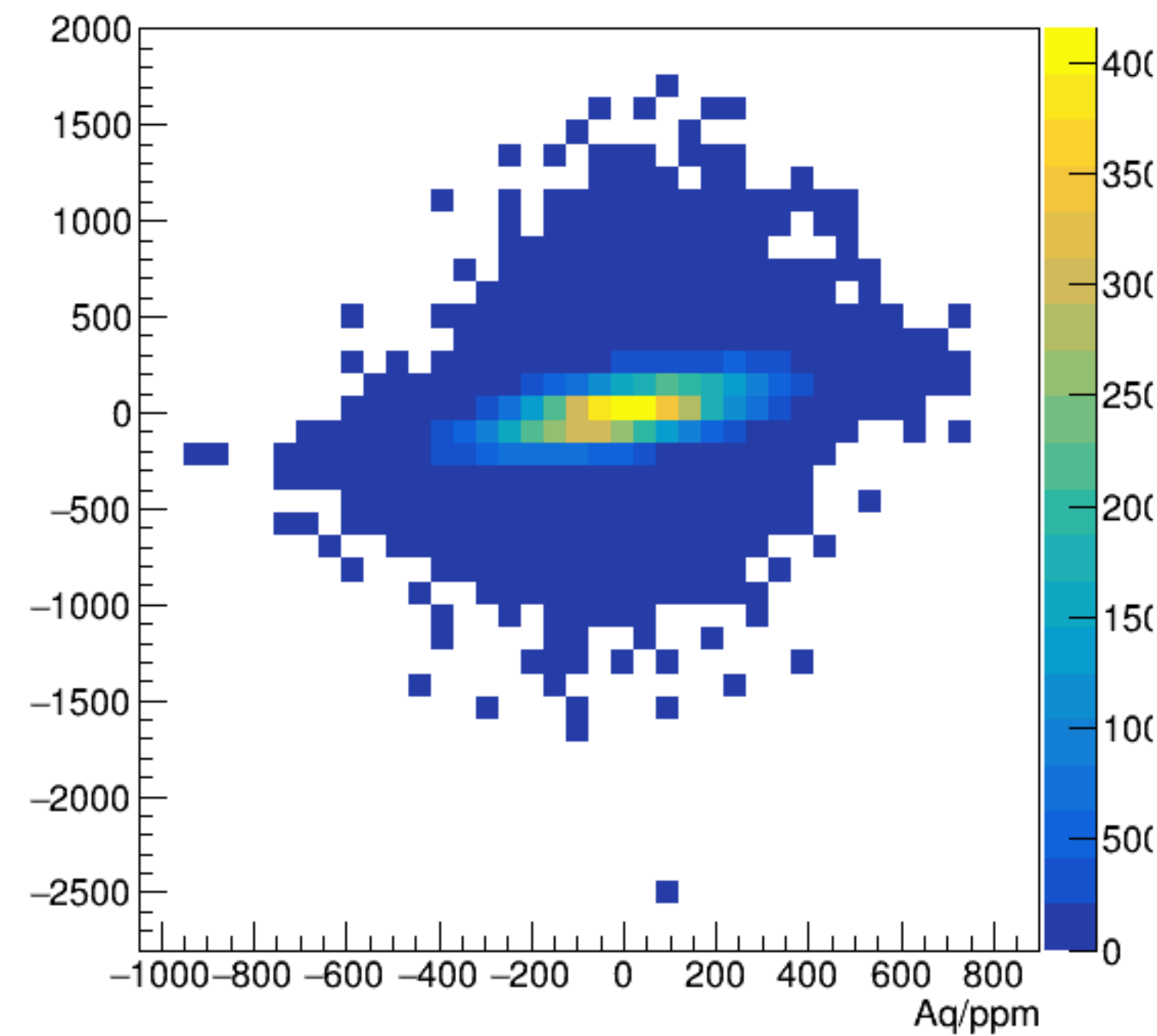
bpm2i02X/mm:bpm2i02Y/mm {ErrorFlag==0}



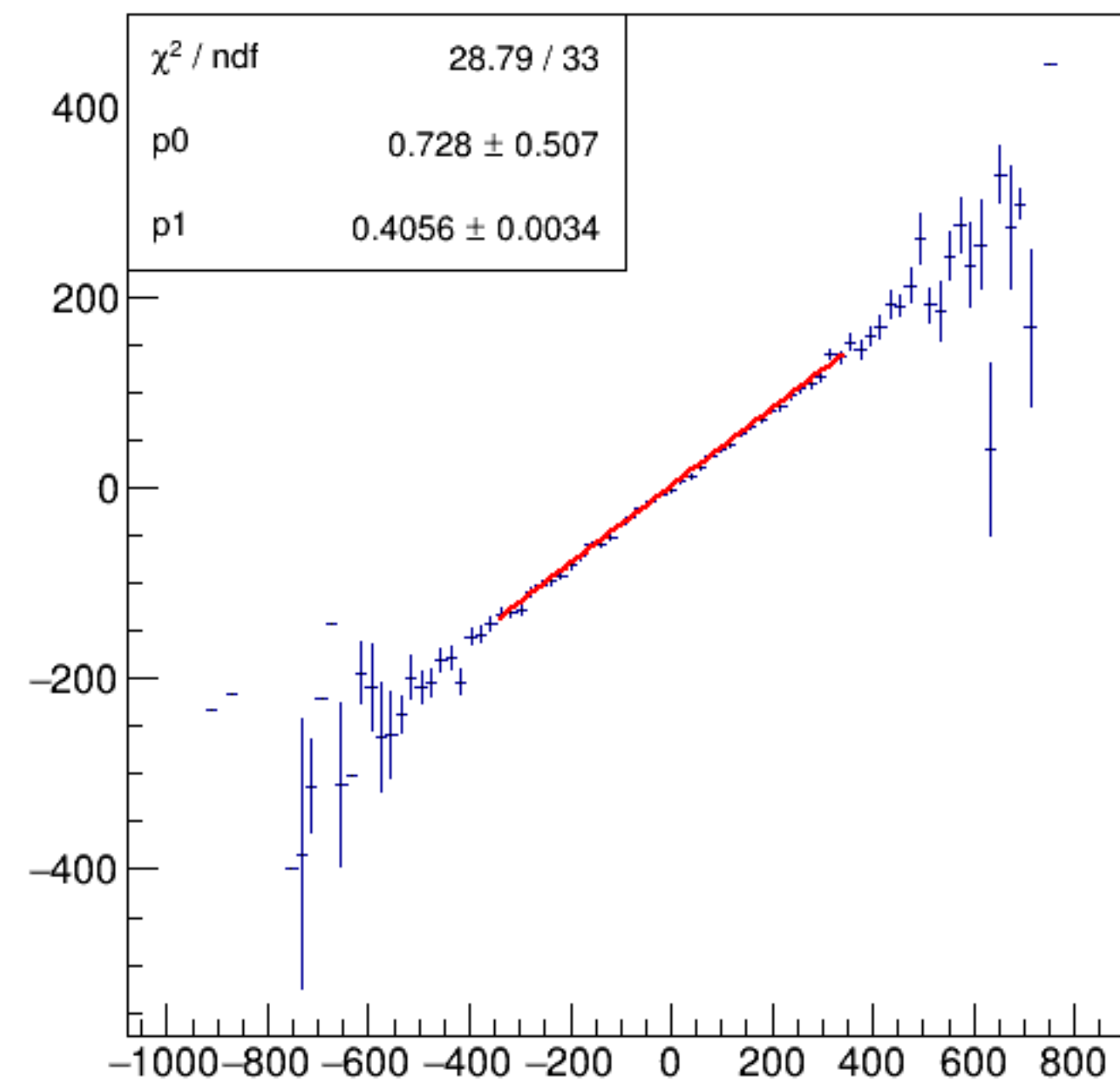
bpm2i02X/mm:bpm2i02Y/mm {ErrorFlag==0}



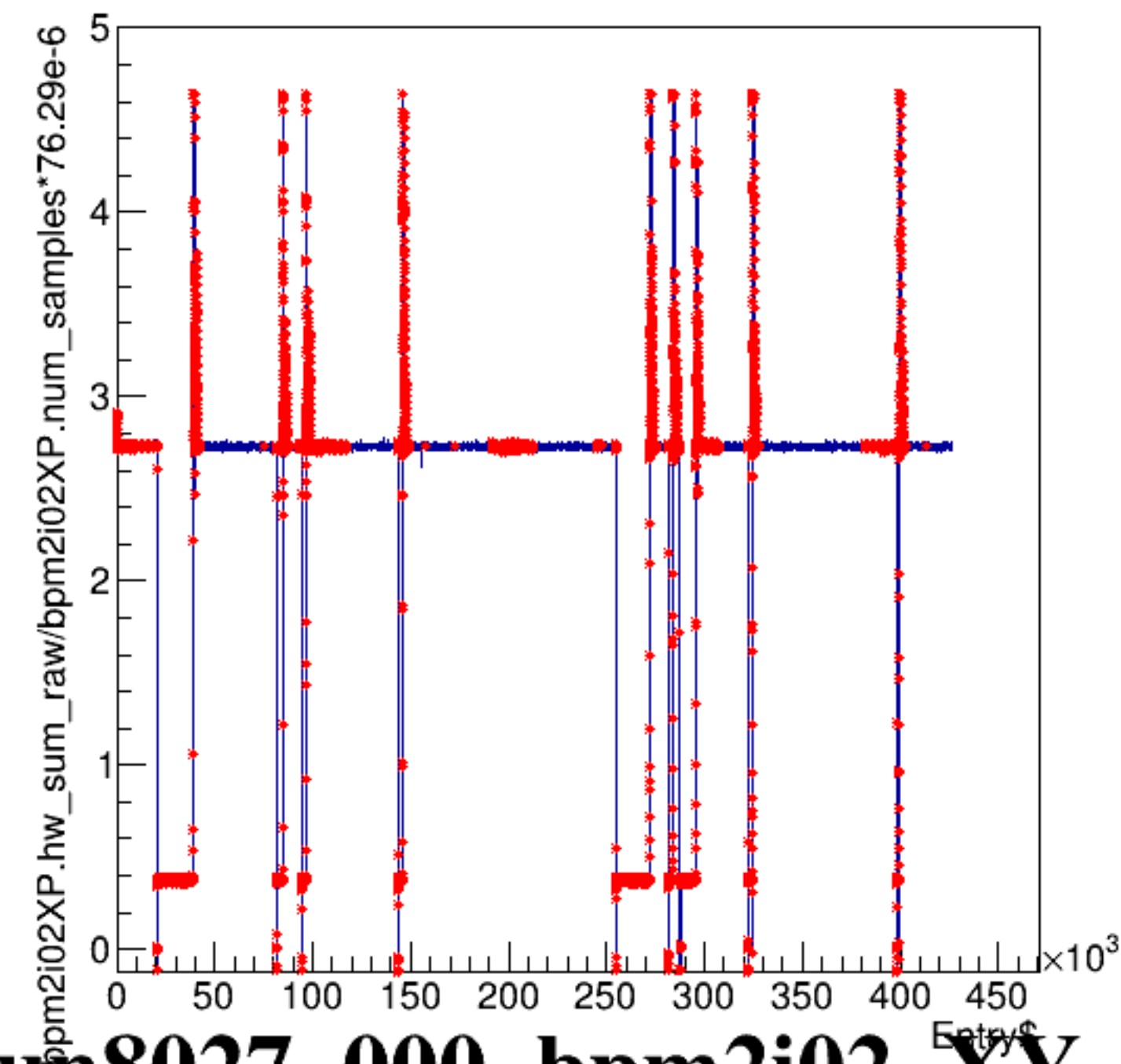
asym_bpm2i02WS/ppm:Aq/ppm {ErrorFlag==0}



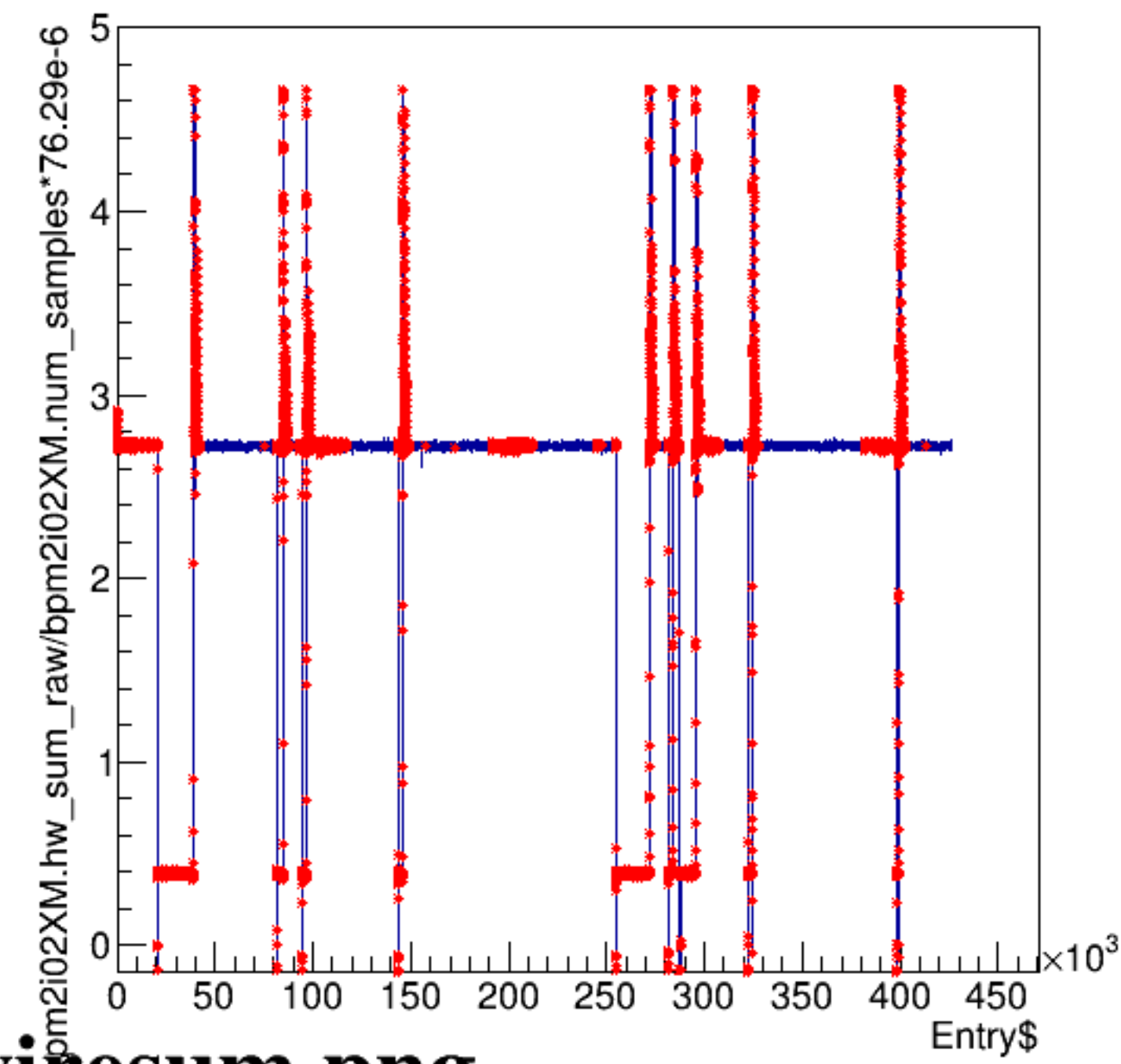
asym_bpm2i02WS/ppm:Aq/ppm {ErrorFlag==0}



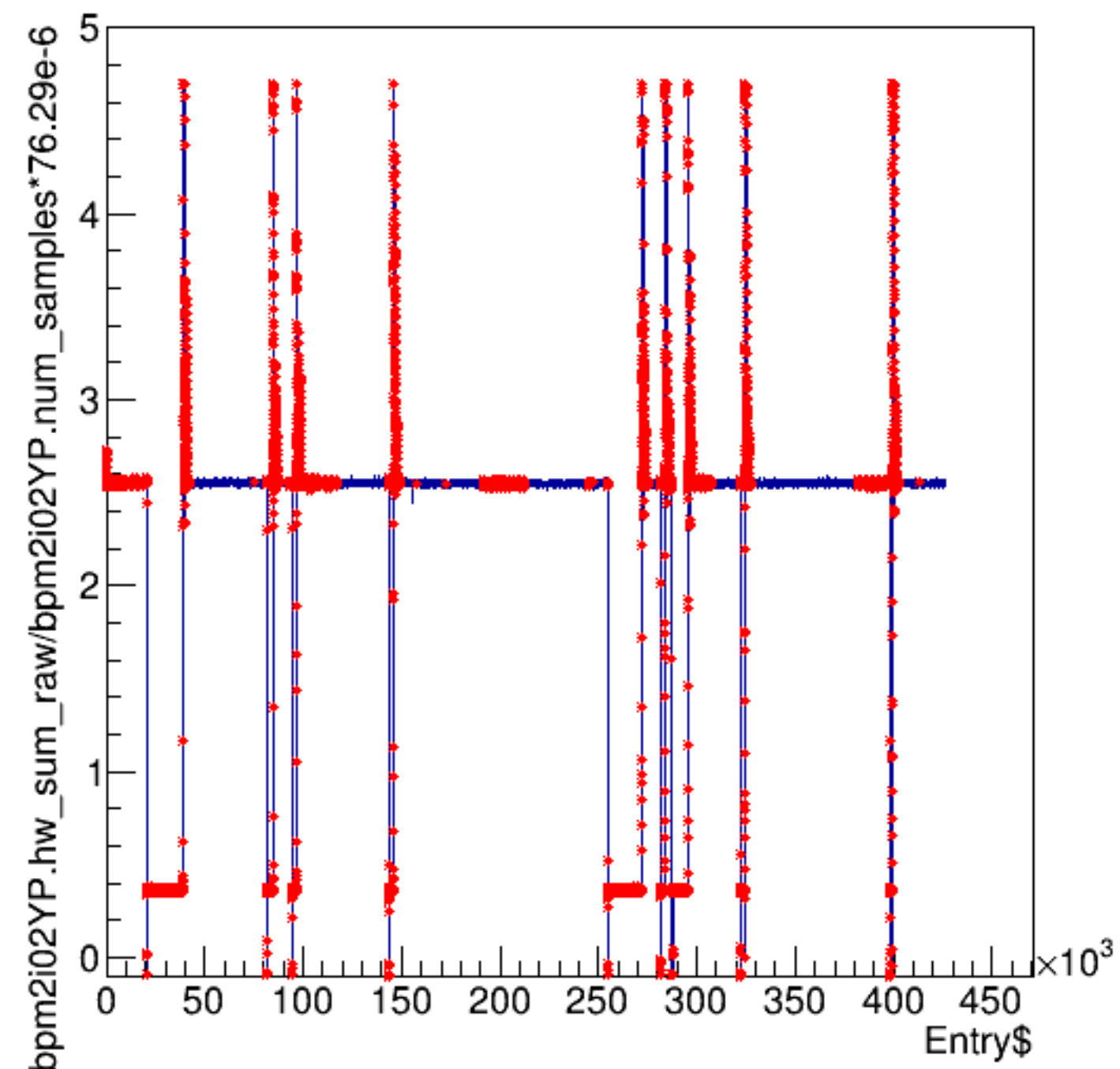
bpm2i02XP.hw_sum_raw/bpm2i02XP.num_samples*76.29e-6:Entry\$



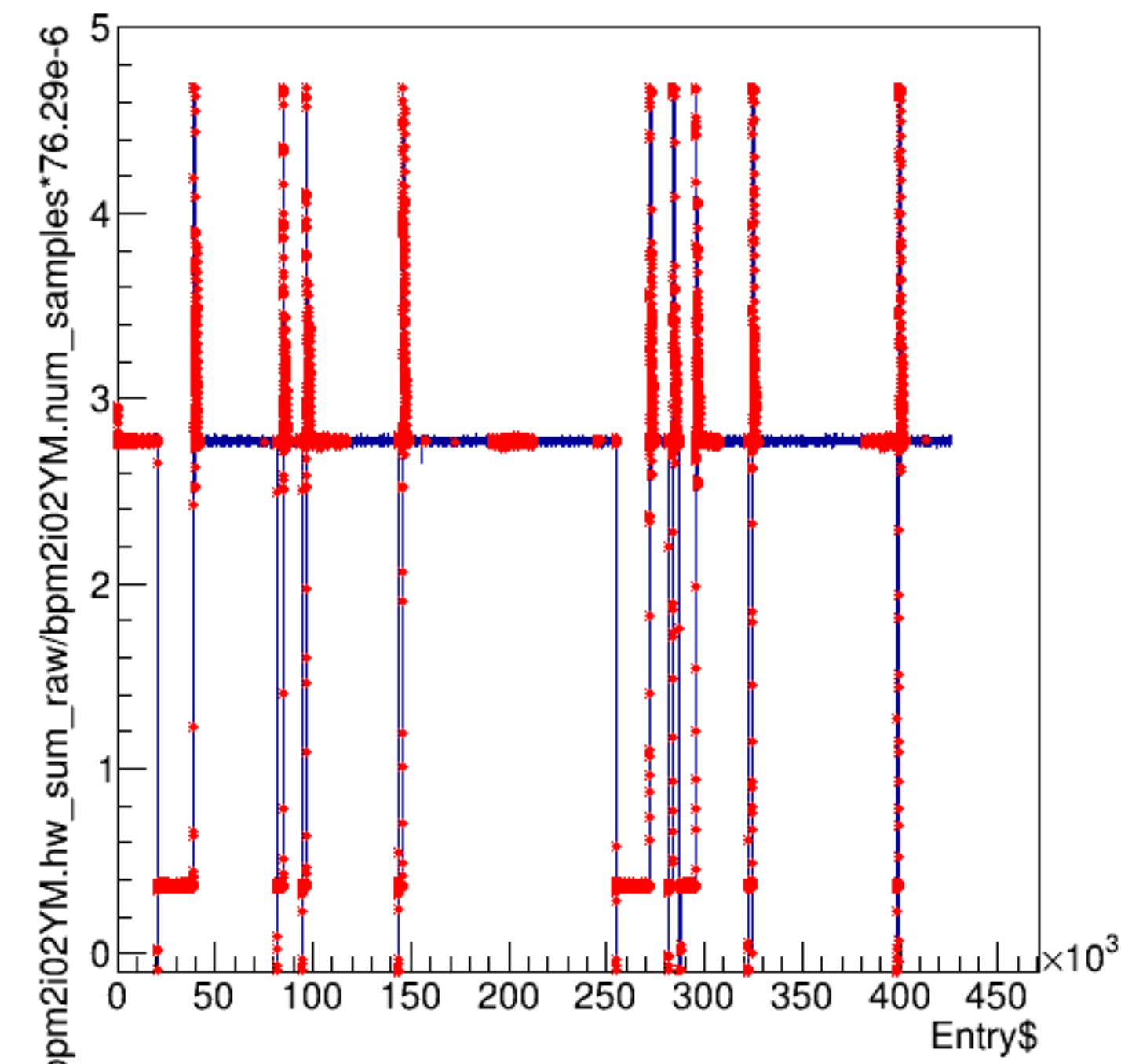
bpm2i02XM.hw_sum_raw/bpm2i02XM.num_samples*76.29e-6:Entry\$

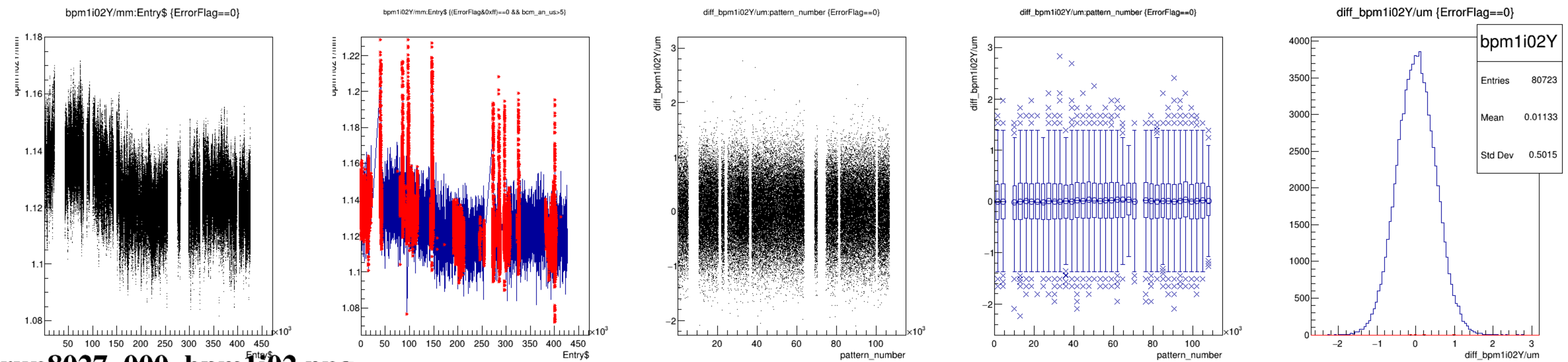
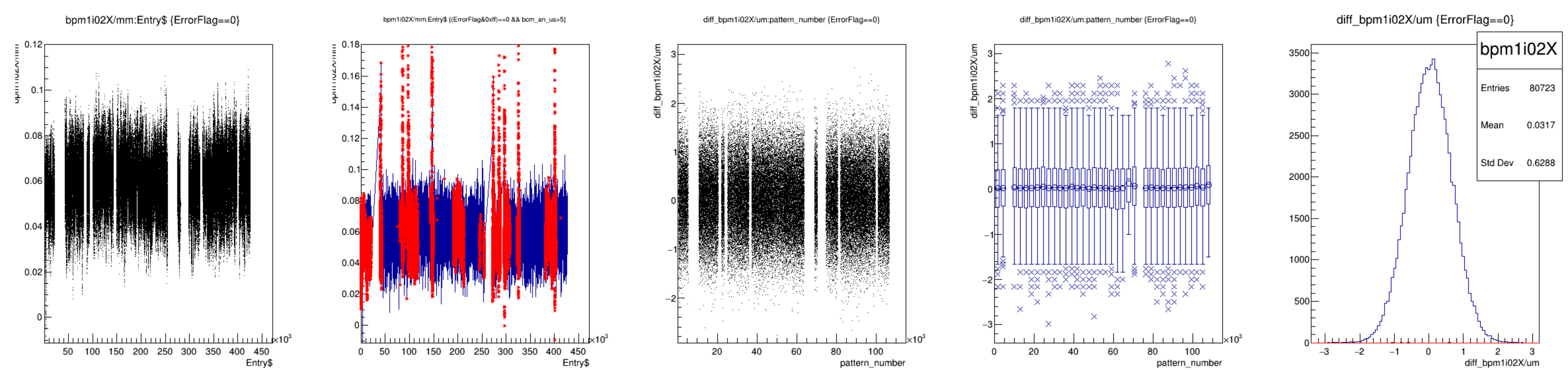


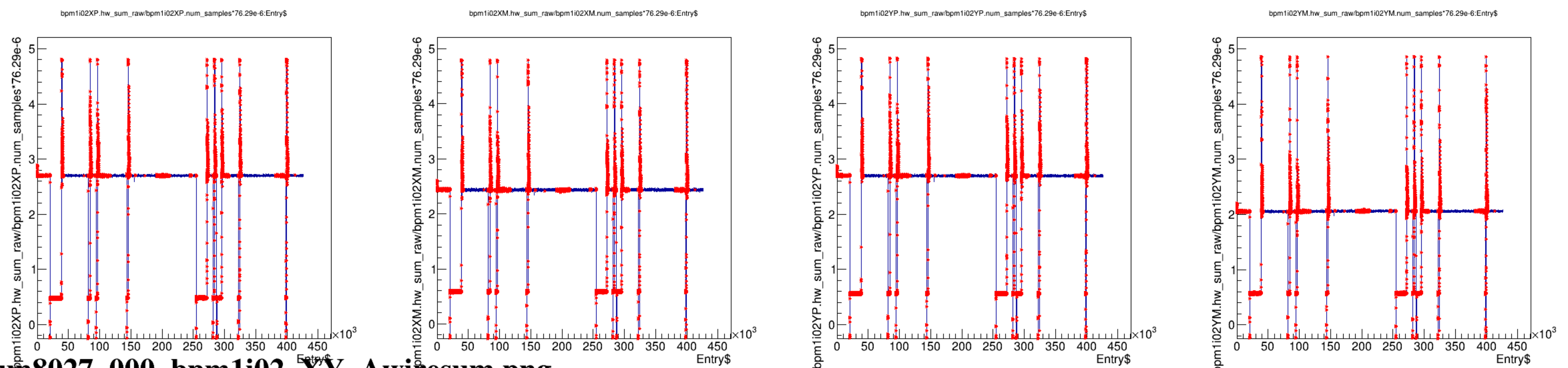
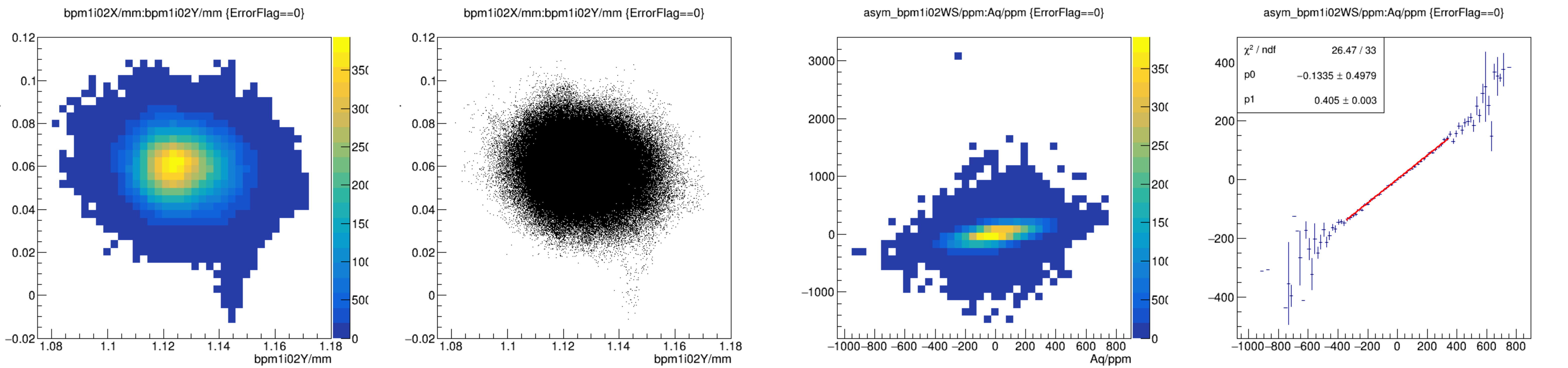
bpm2i02YP.hw_sum_raw/bpm2i02YP.num_samples*76.29e-6:Entry\$

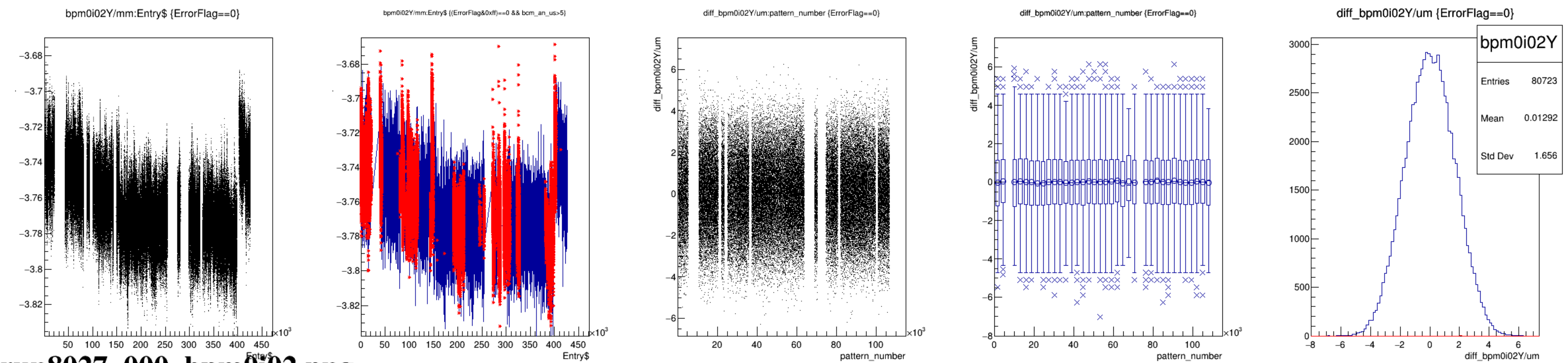
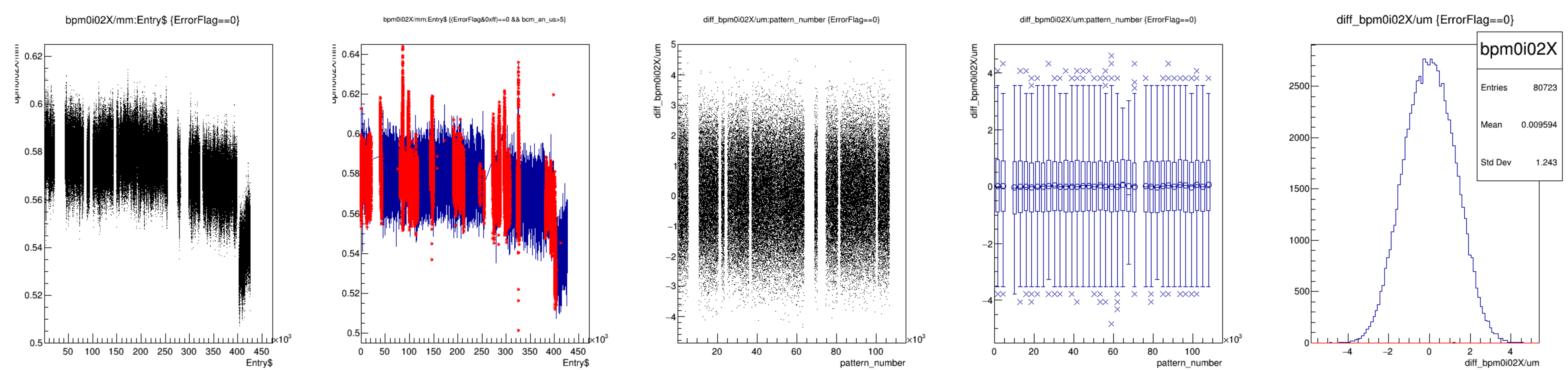


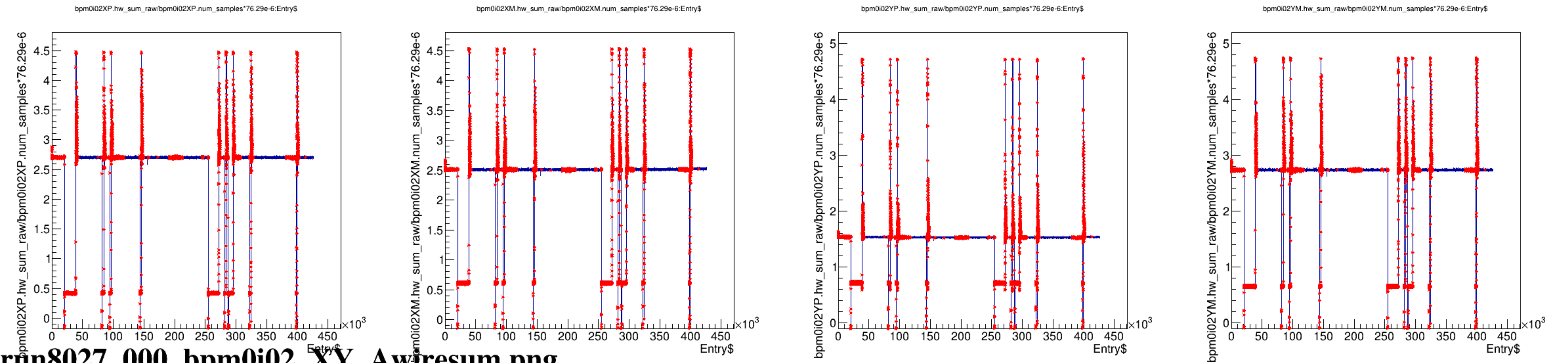
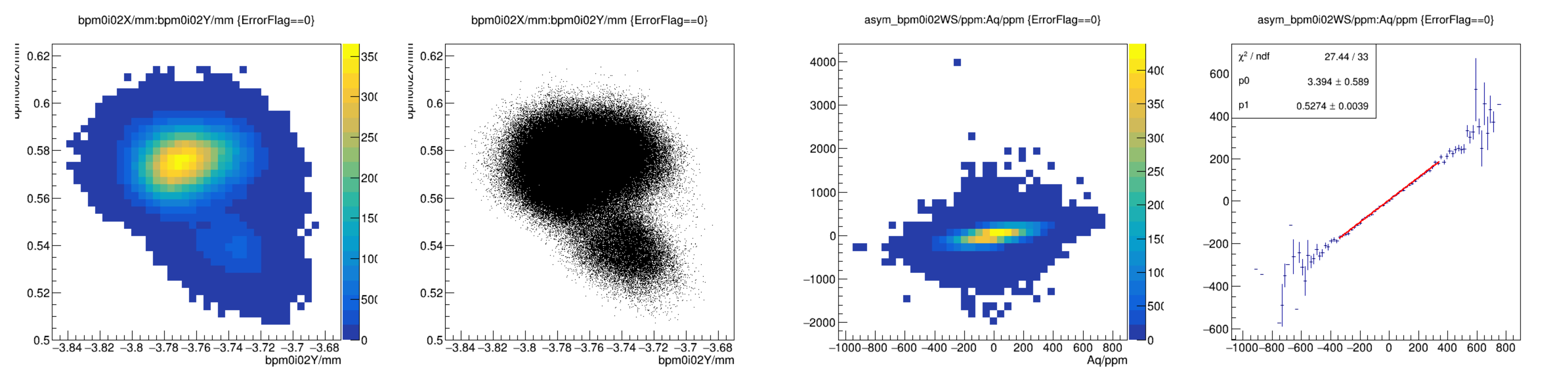
bpm2i02YM.hw_sum_raw/bpm2i02YM.num_samples*76.29e-6:Entry\$

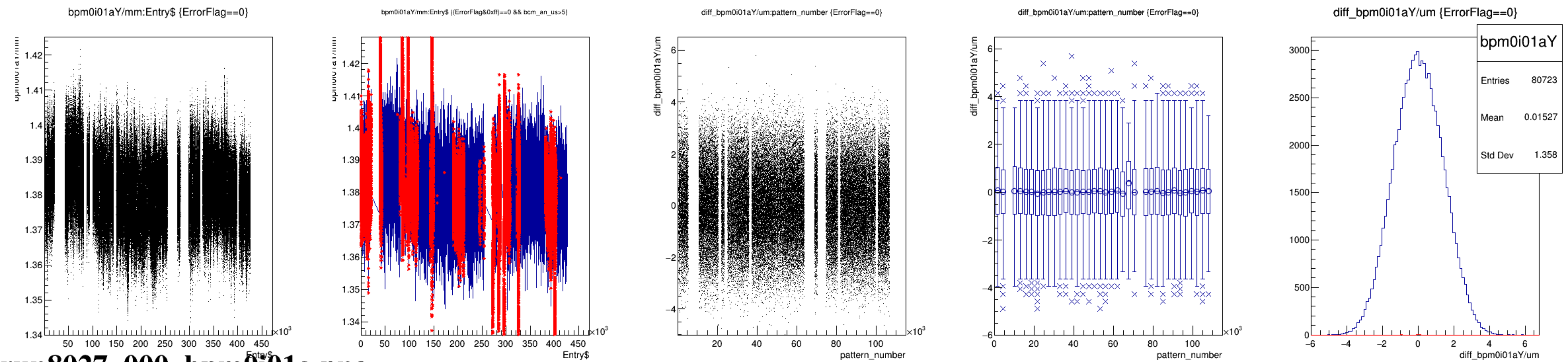
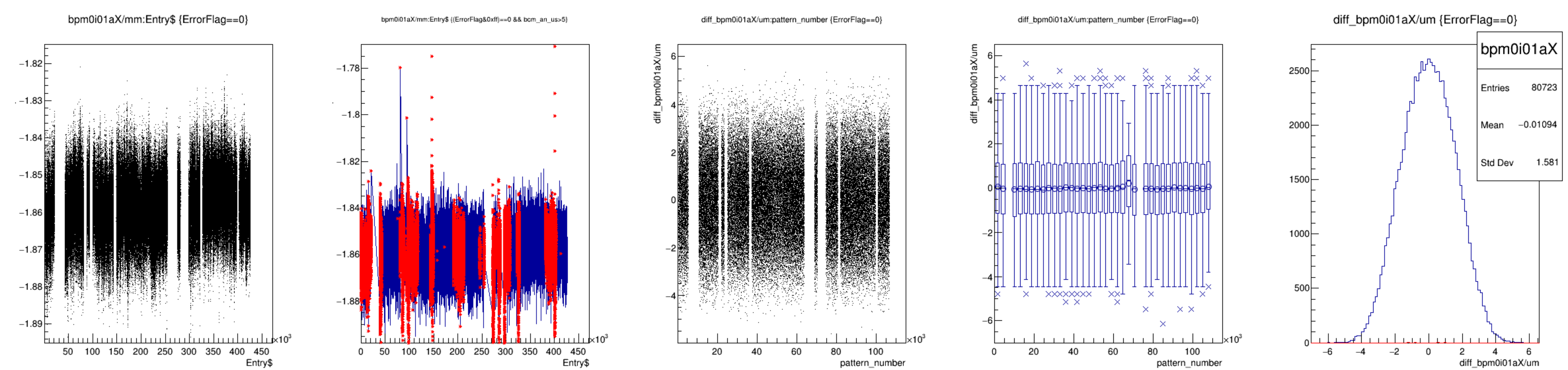


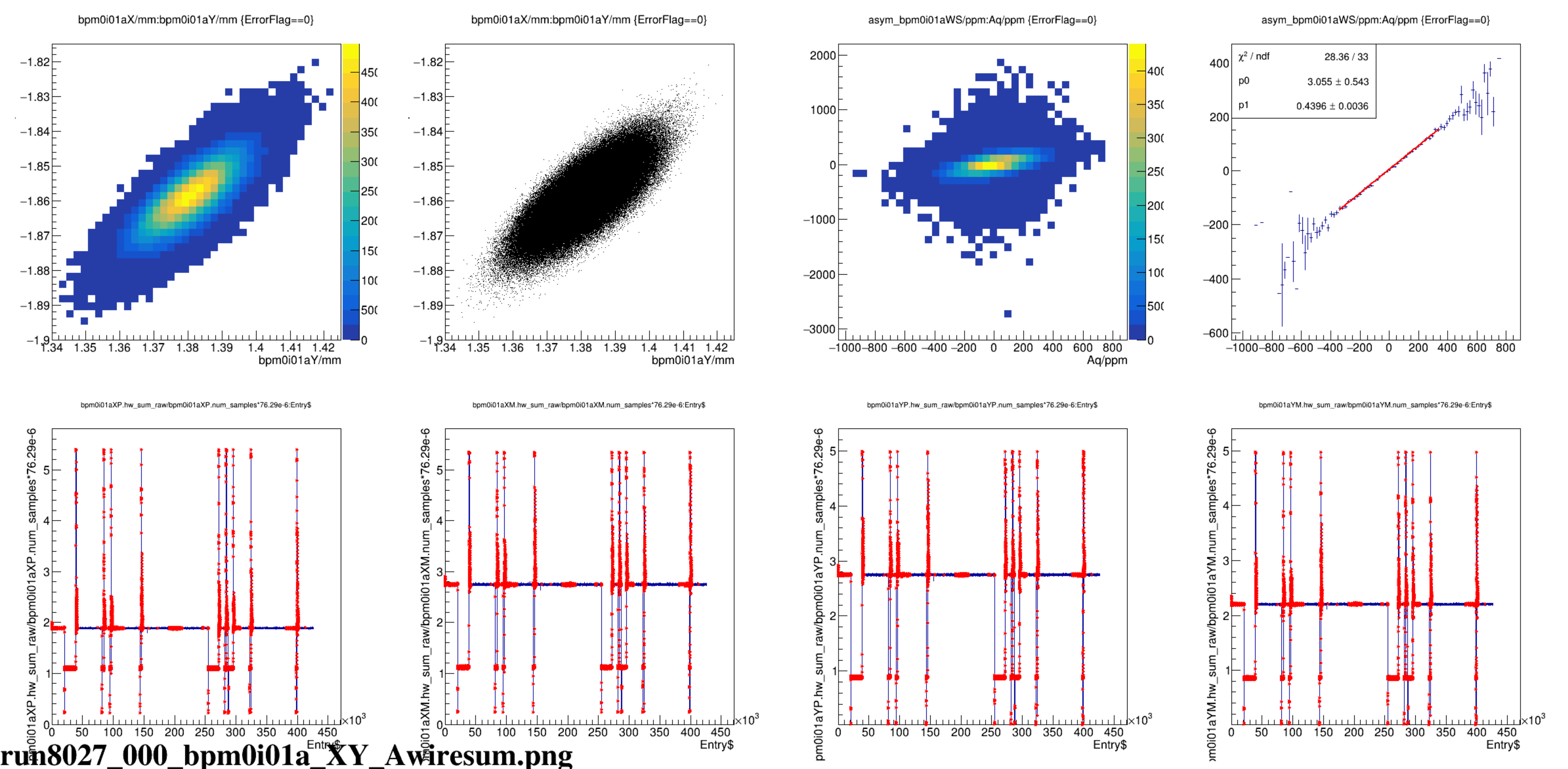




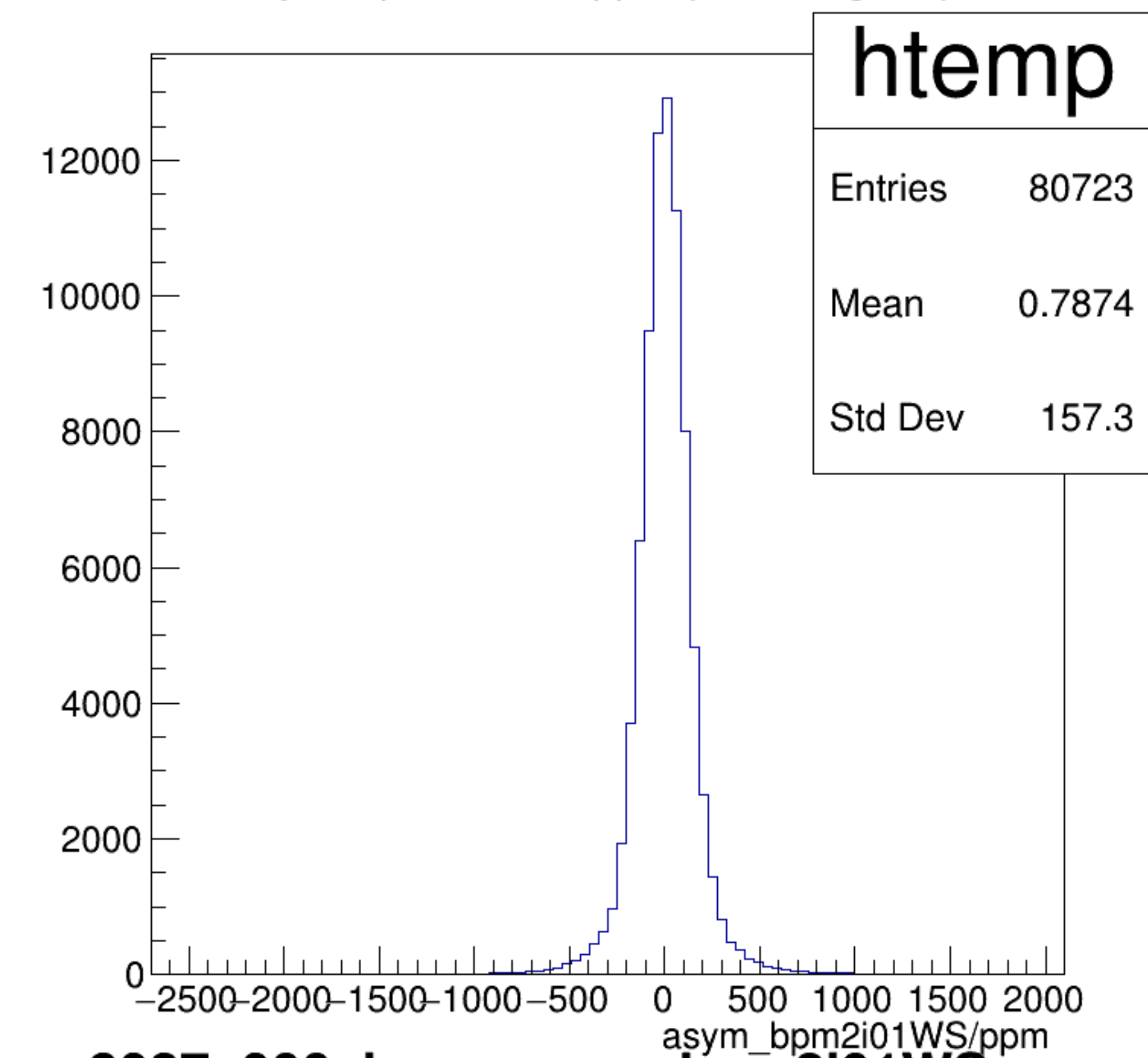




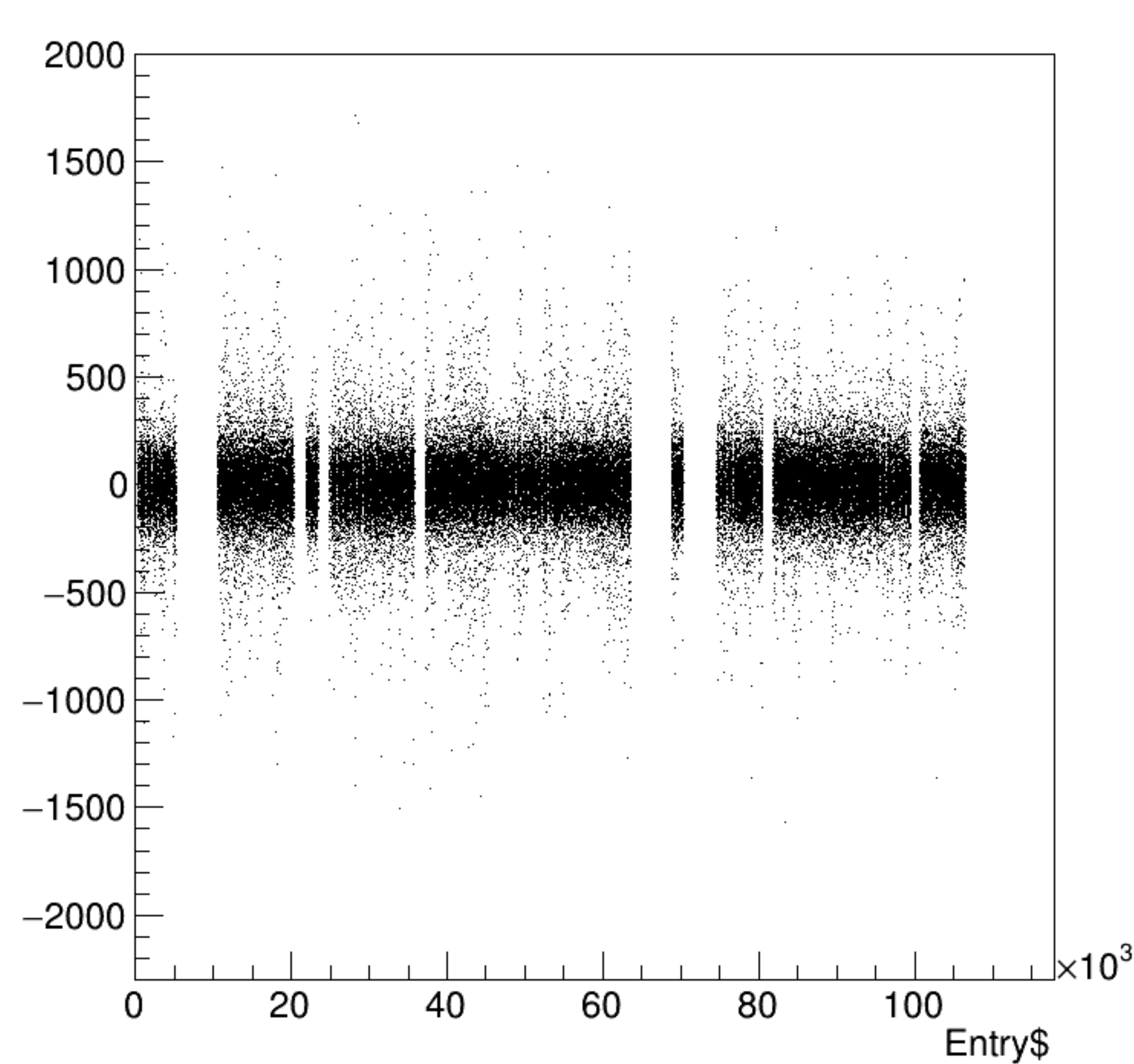




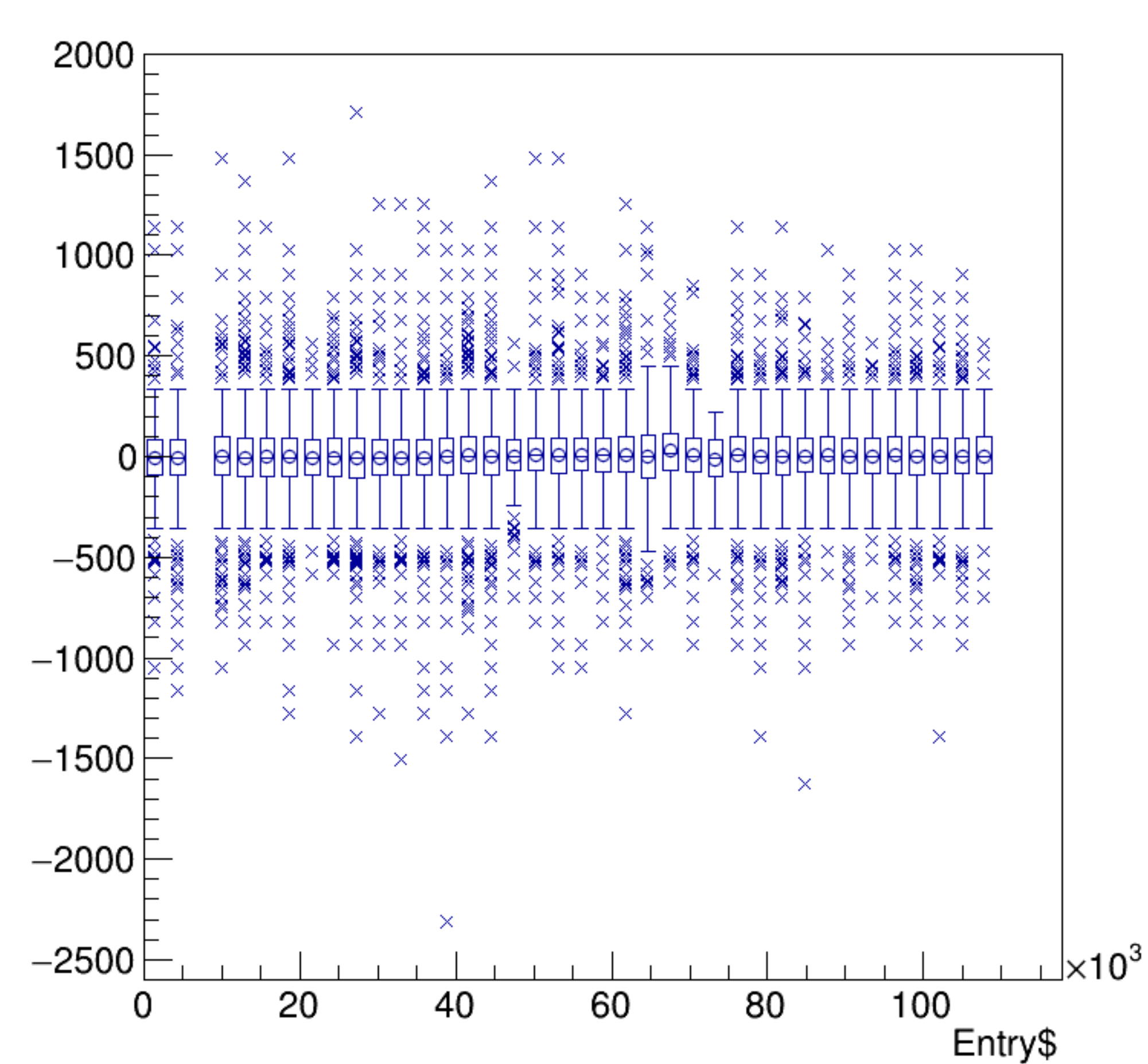
asym_bpm2i01WS/ppm {ErrorFlag==0}



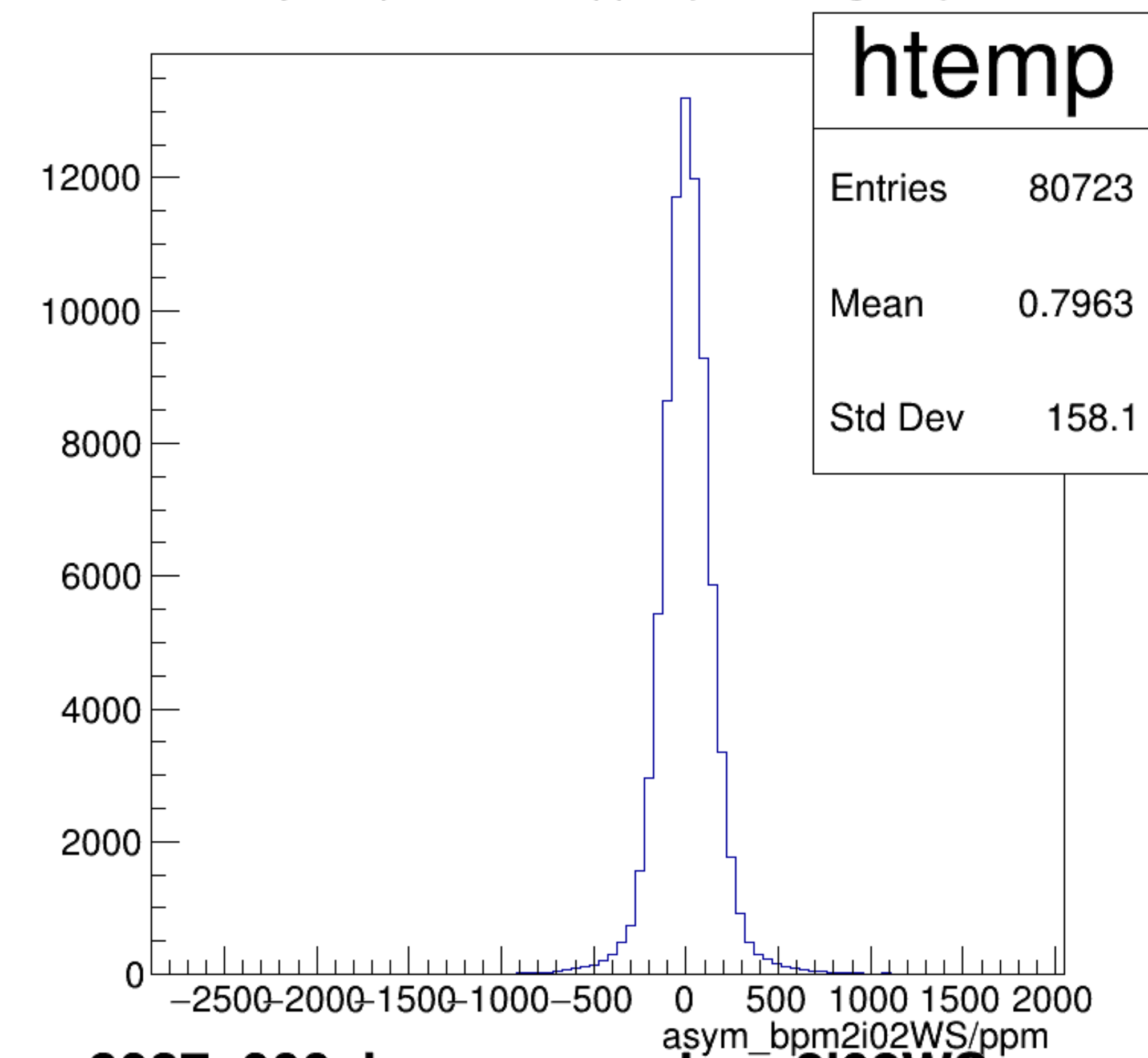
asym_bpm2i01WS/ppm:Entry\$ {ErrorFlag==0}



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

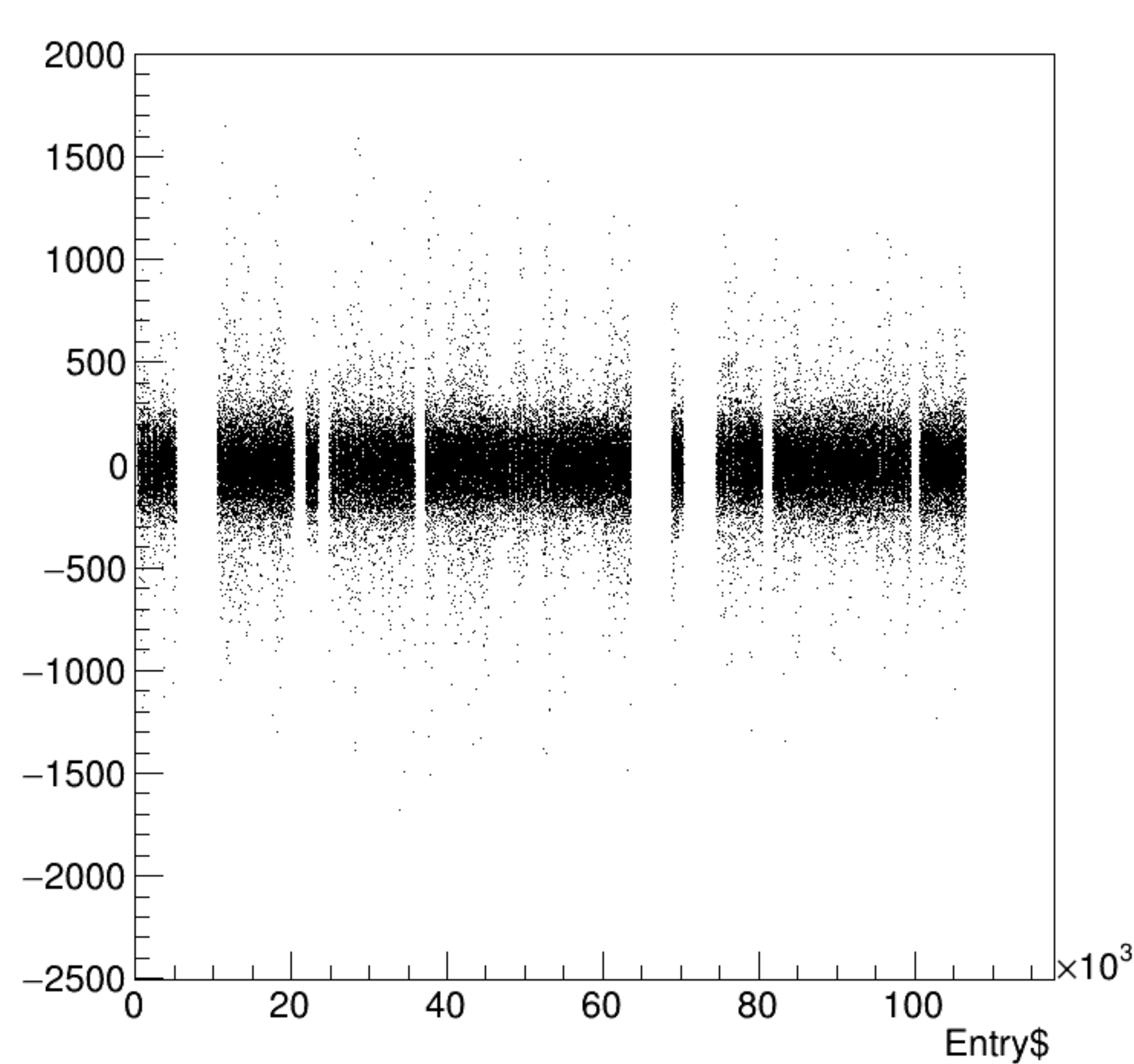


asym_bpm2i02WS/ppm {ErrorFlag==0}

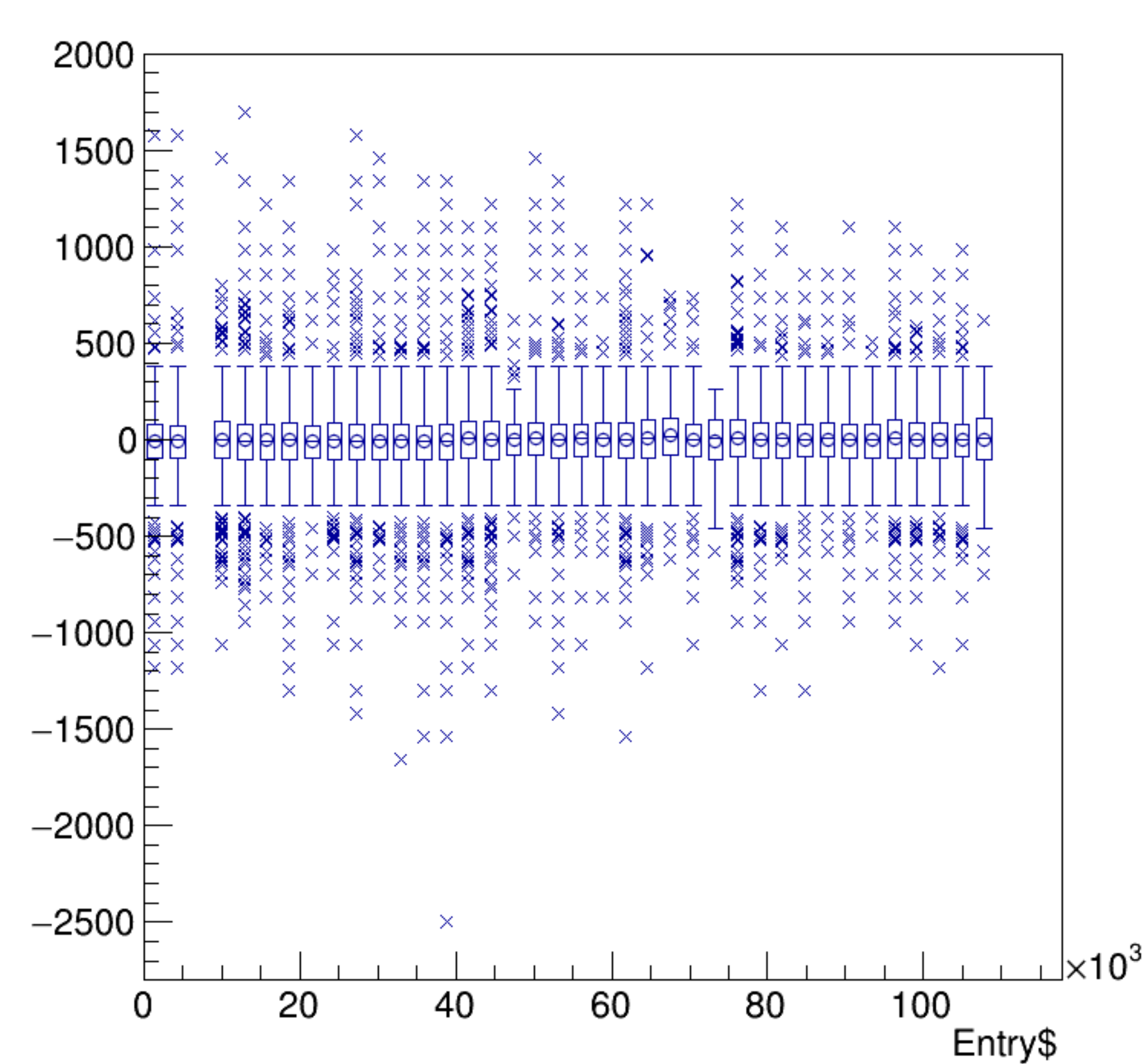


run8027_000_bpm_asym_bpm2i02WS.png

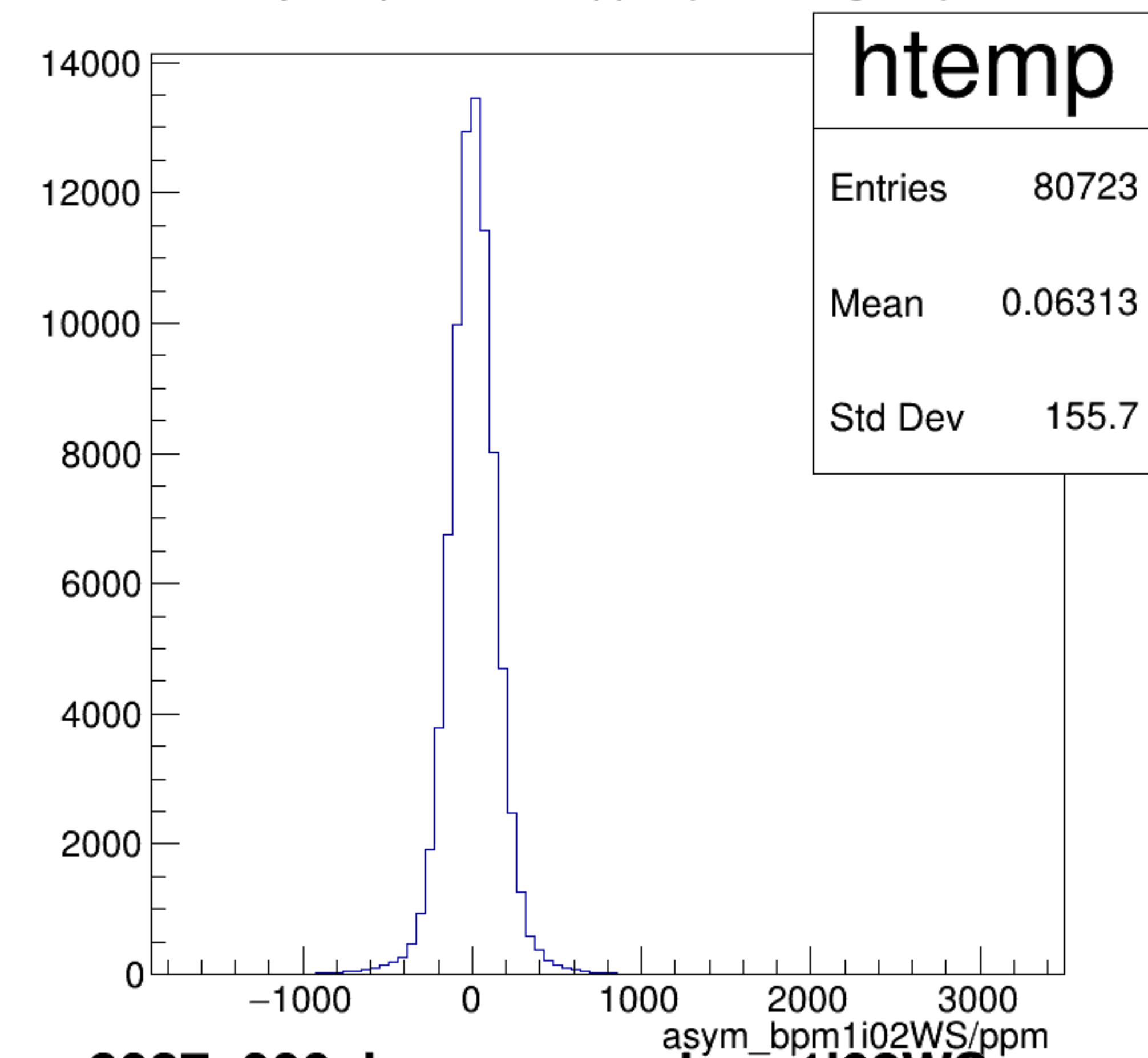
asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}



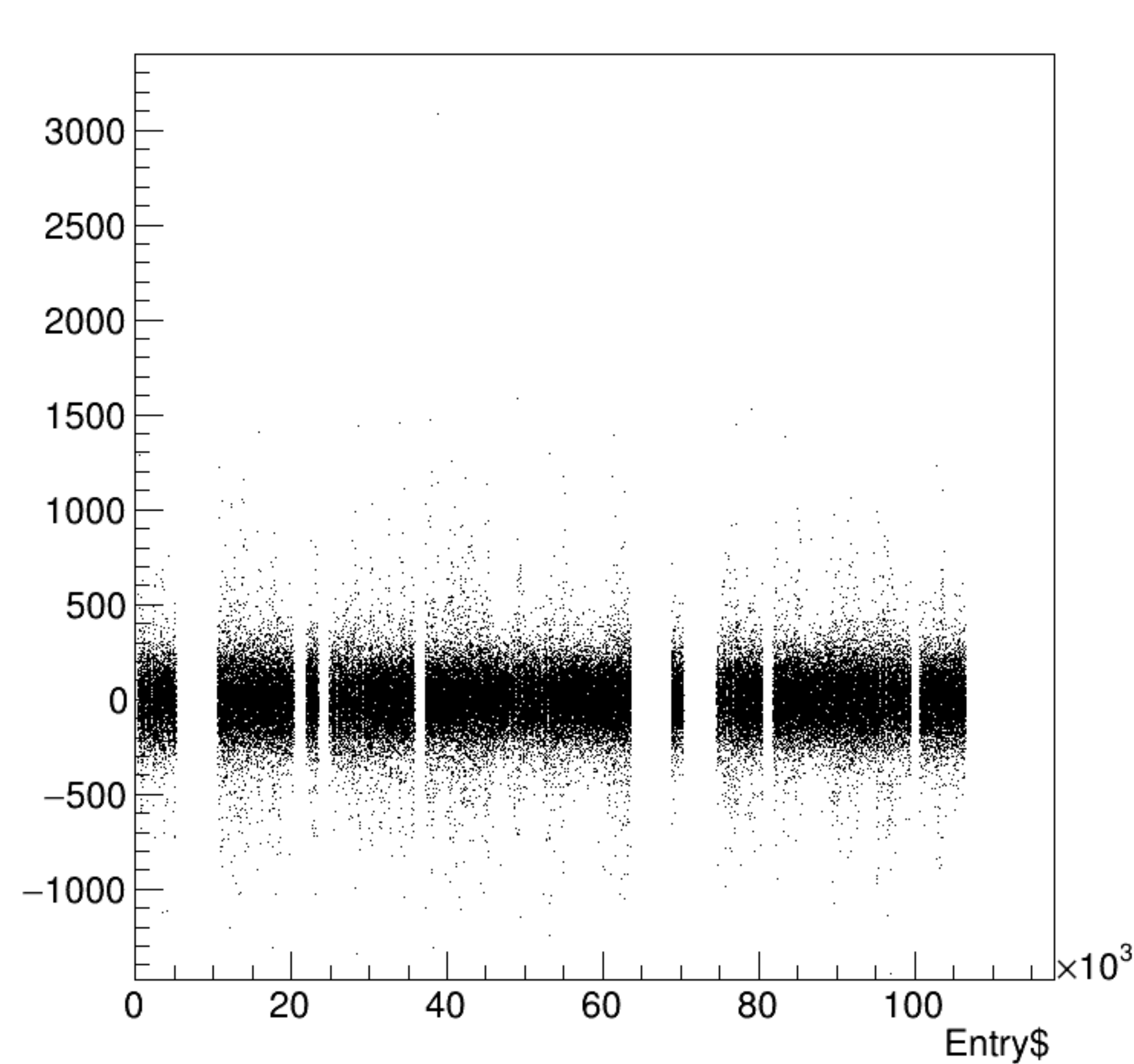
asym_bpm2i02WS/ppm:Entry\$ {ErrorFlag==0}



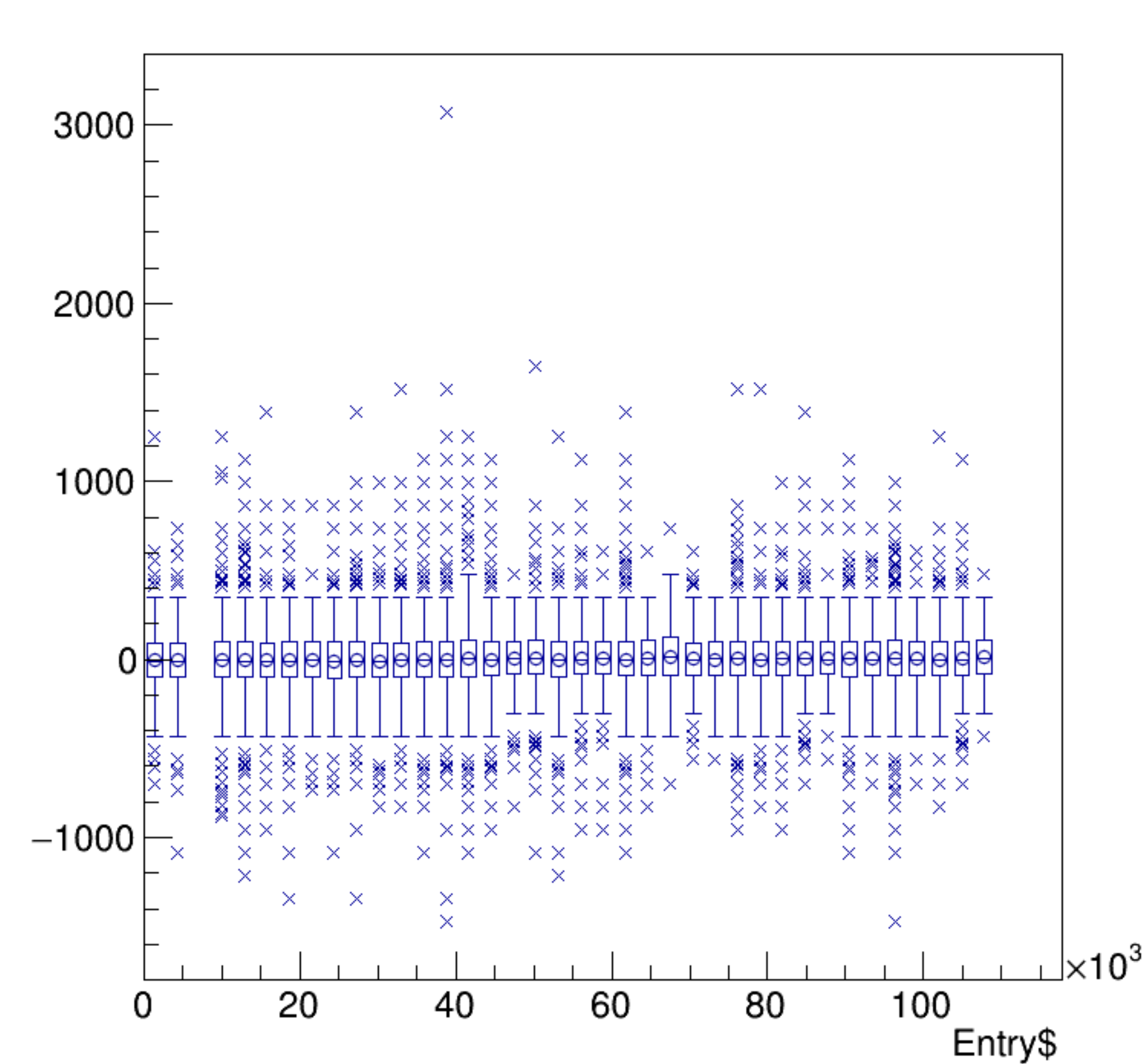
asym_bpm1i02WS/ppm {ErrorFlag==0}



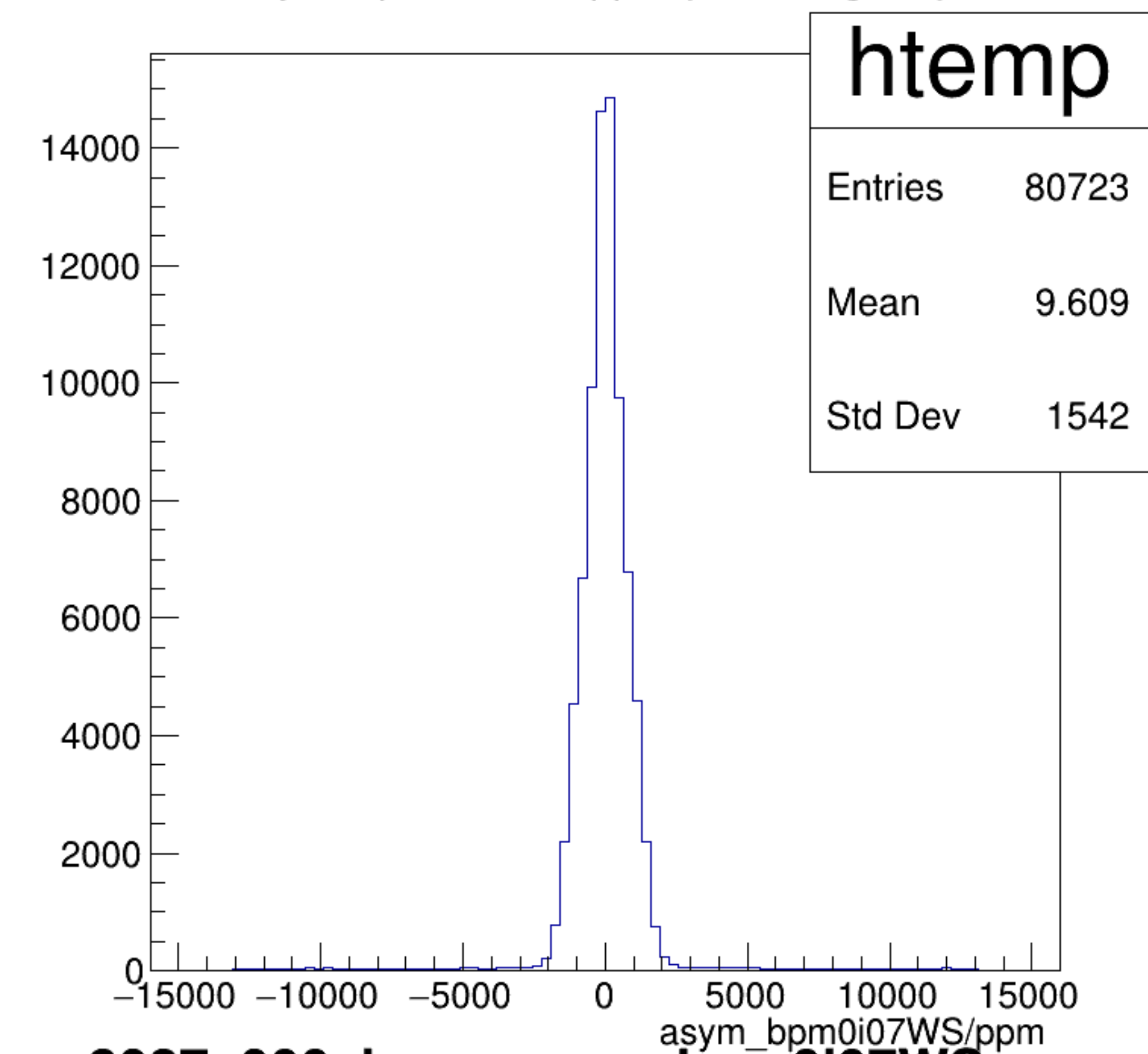
asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}



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

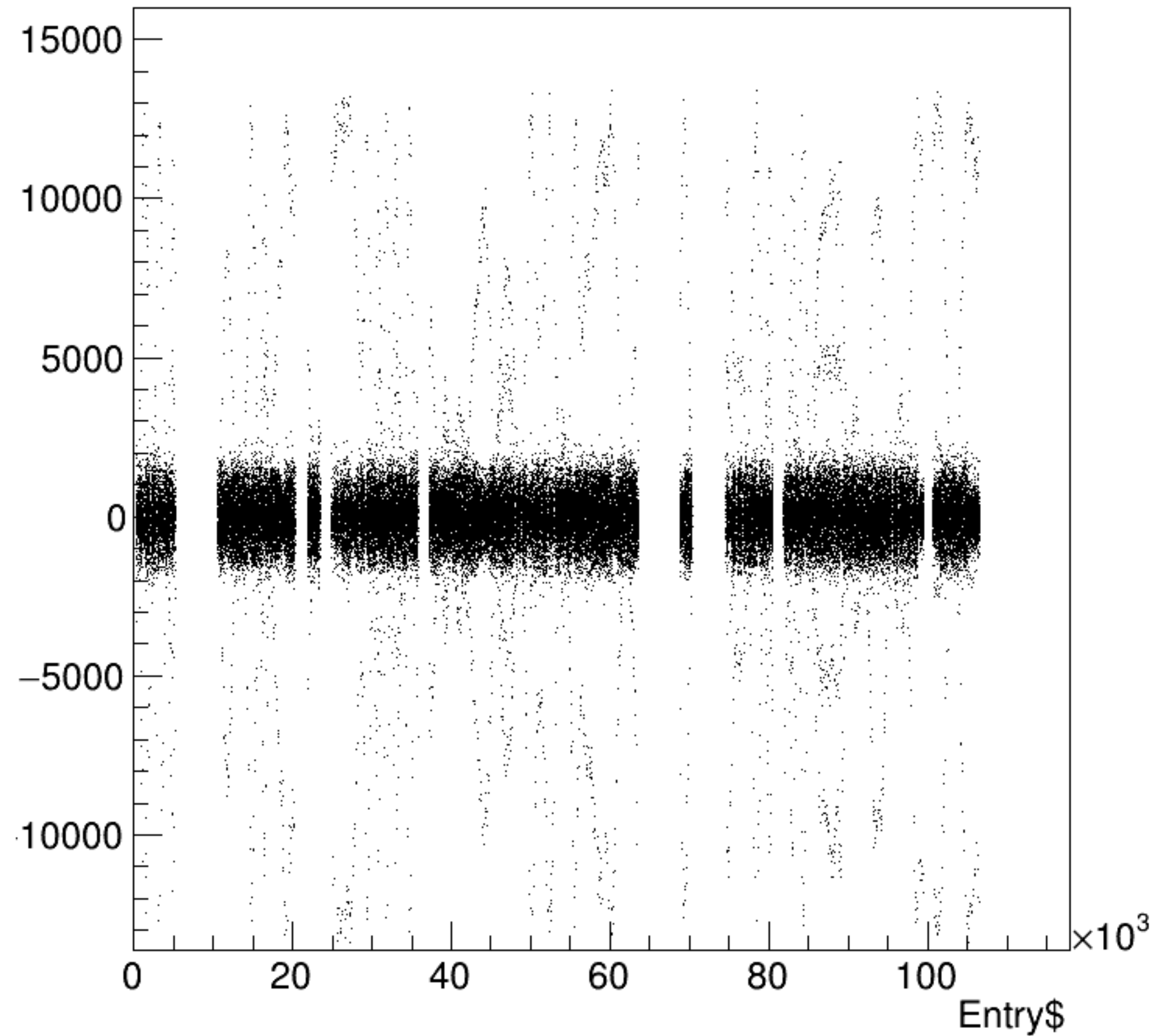


asym_bpm0i07WS/ppm {ErrorFlag==0}

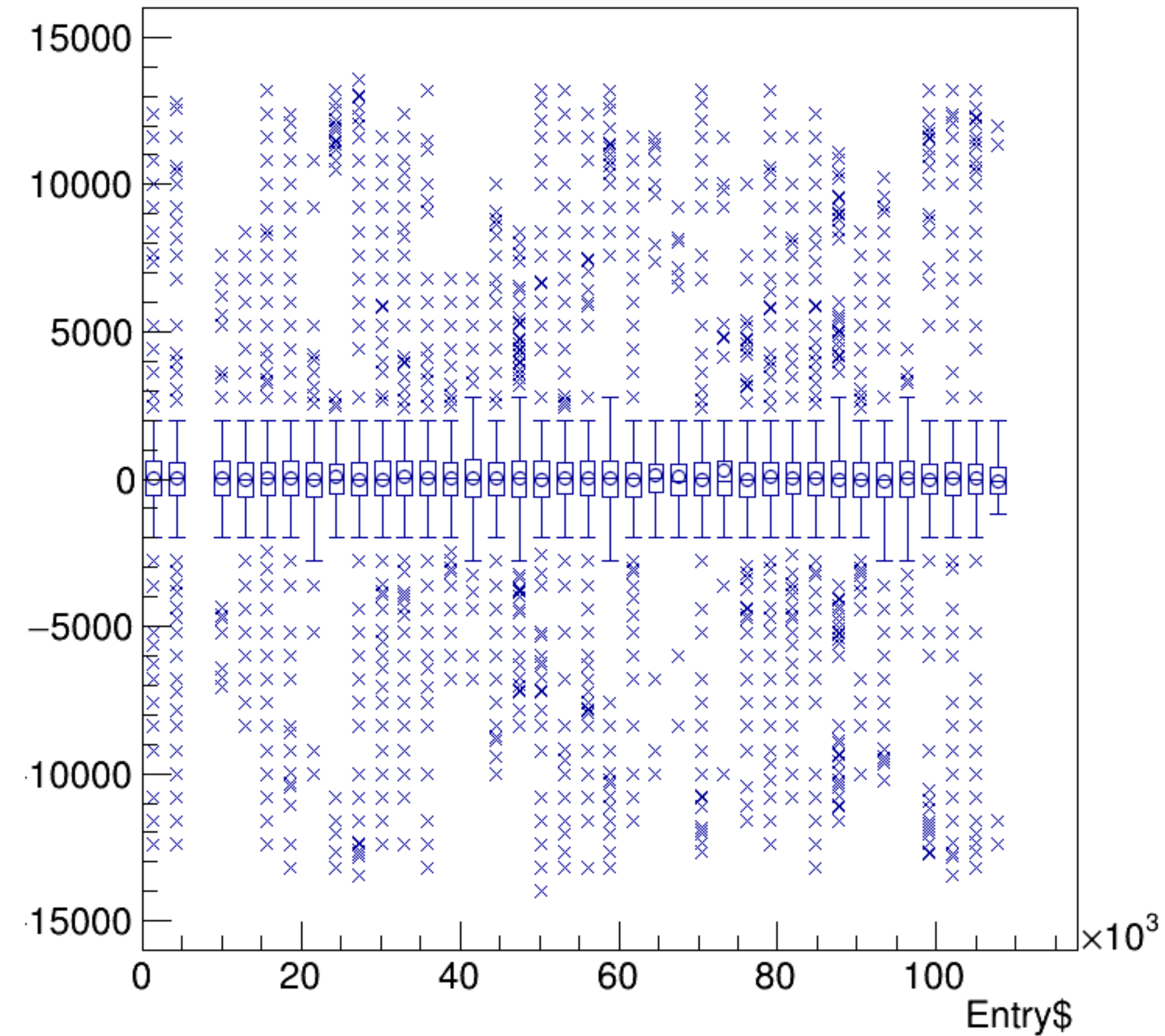


run8027_000_bpm_asym_bpm0i07WS.png

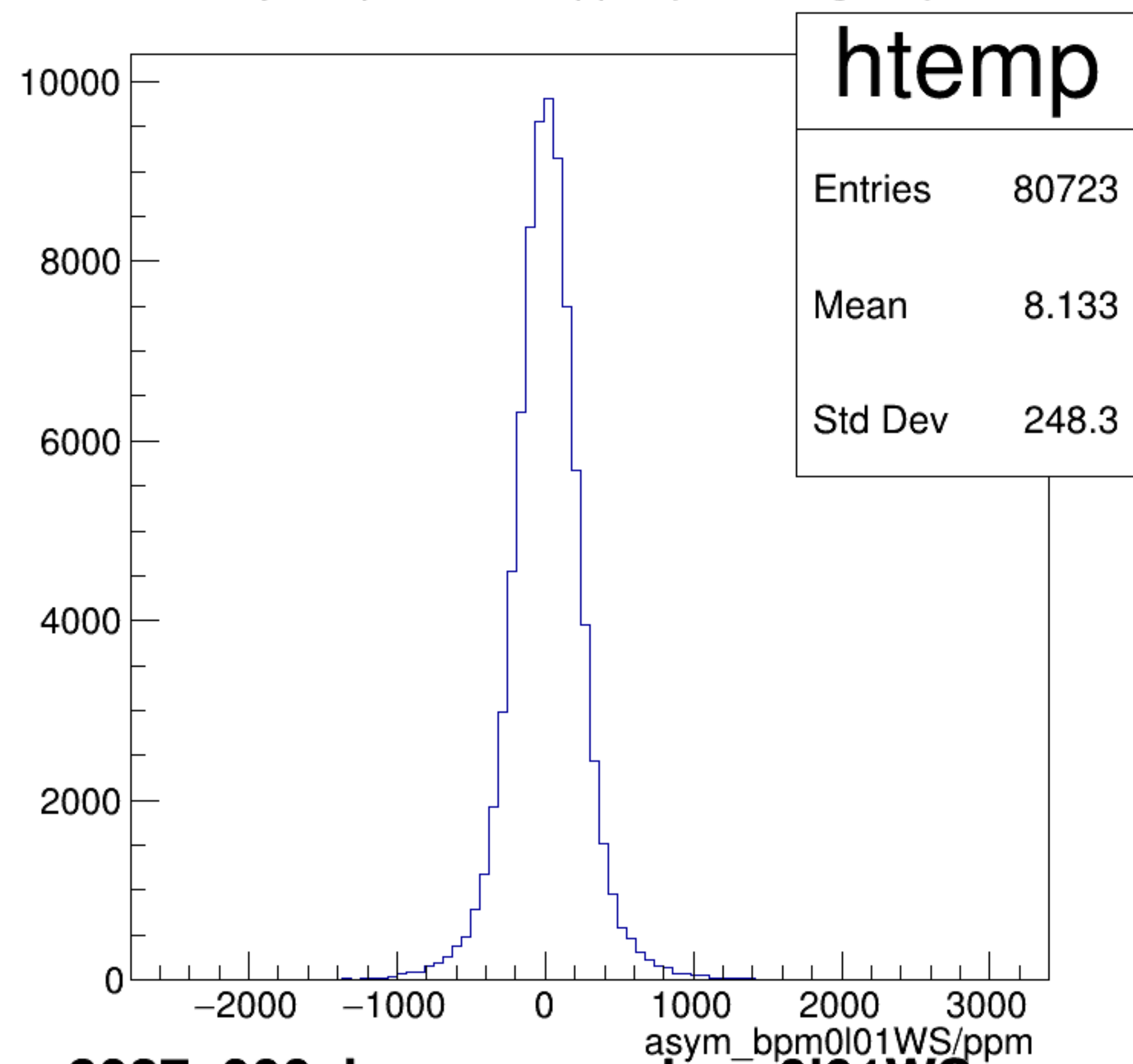
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



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

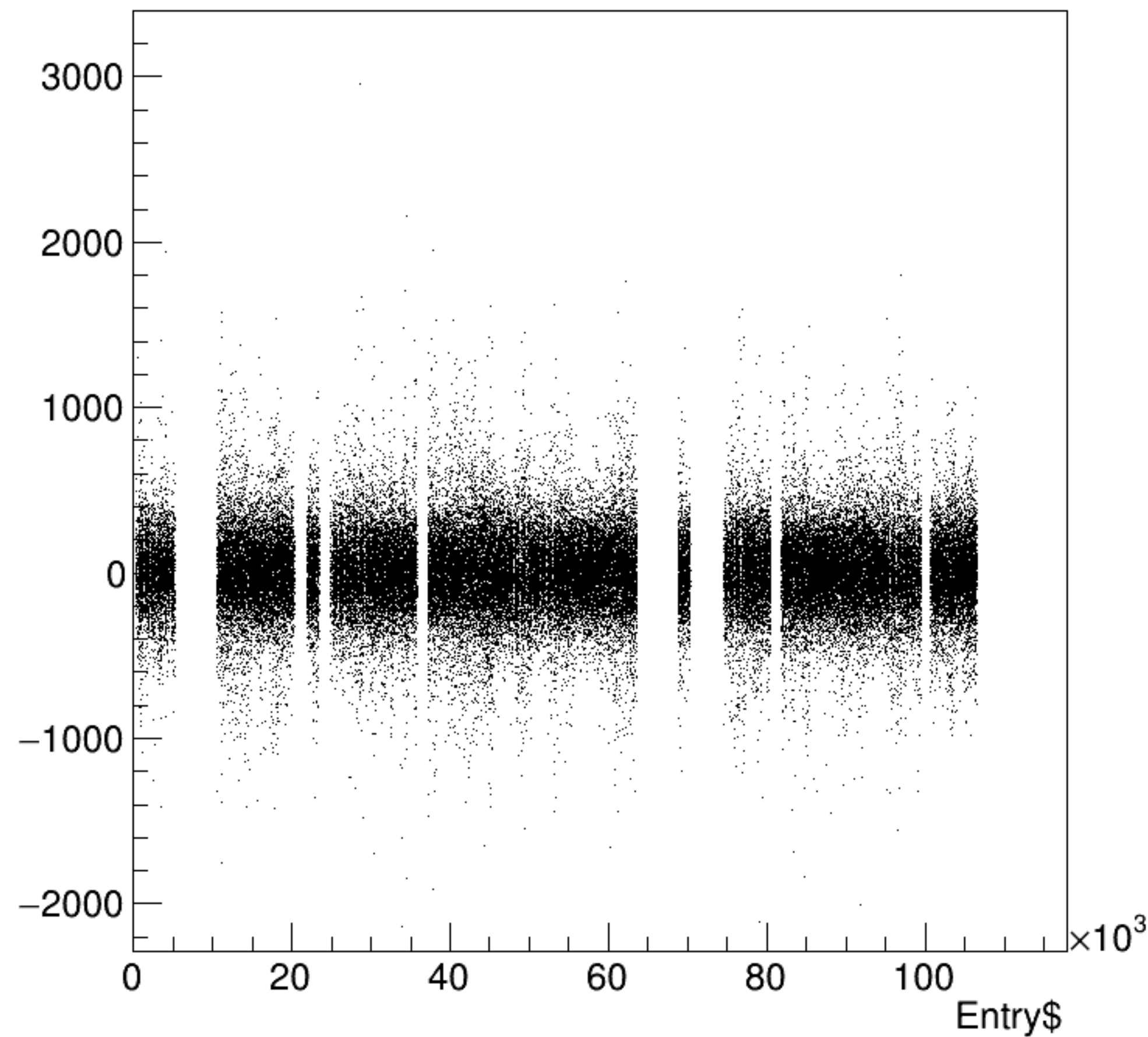


asym_bpm0l01WS/ppm {ErrorFlag==0}

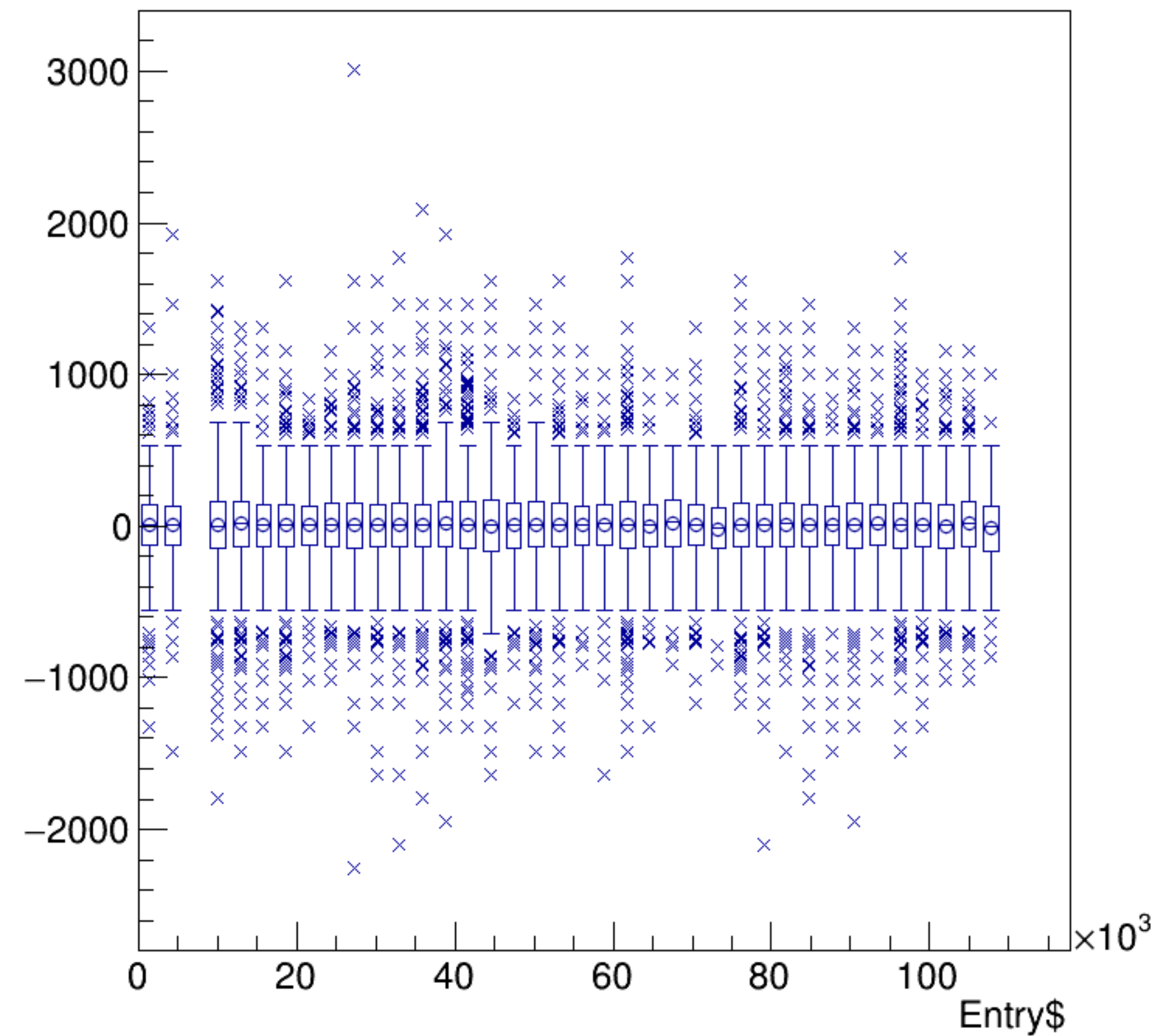


run8027_000_bpm_asym_bpm0l01WS.png

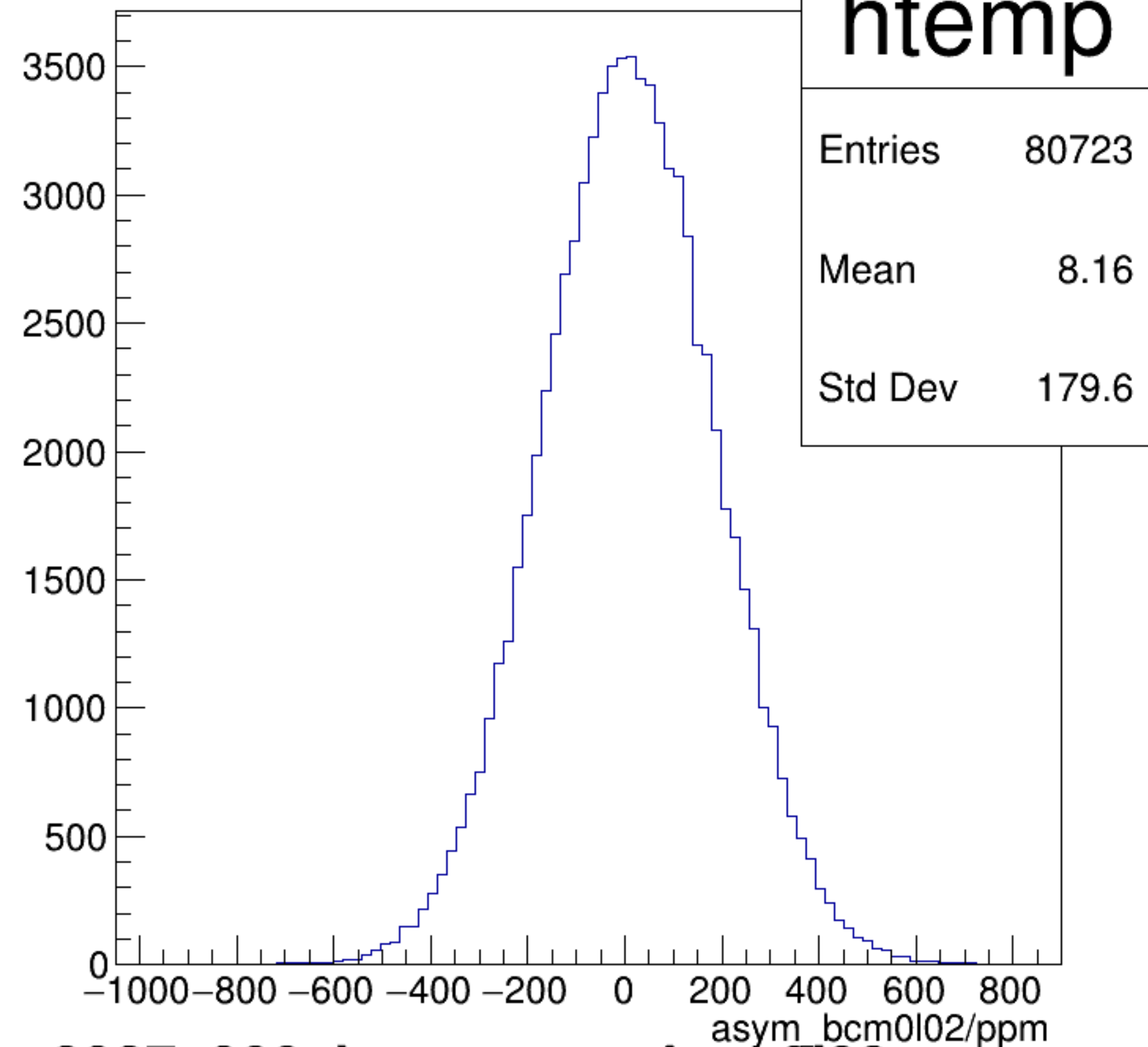
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



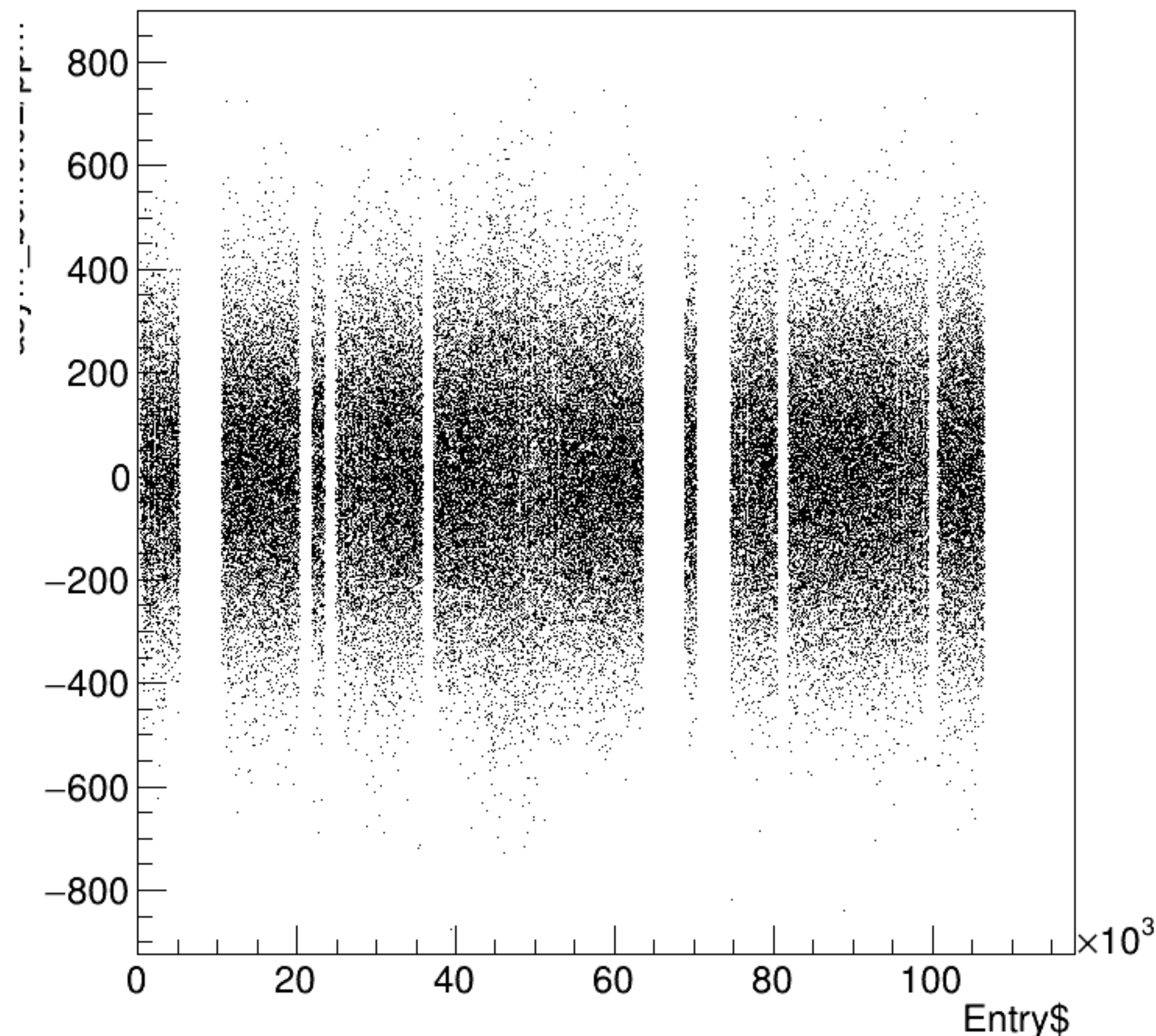
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



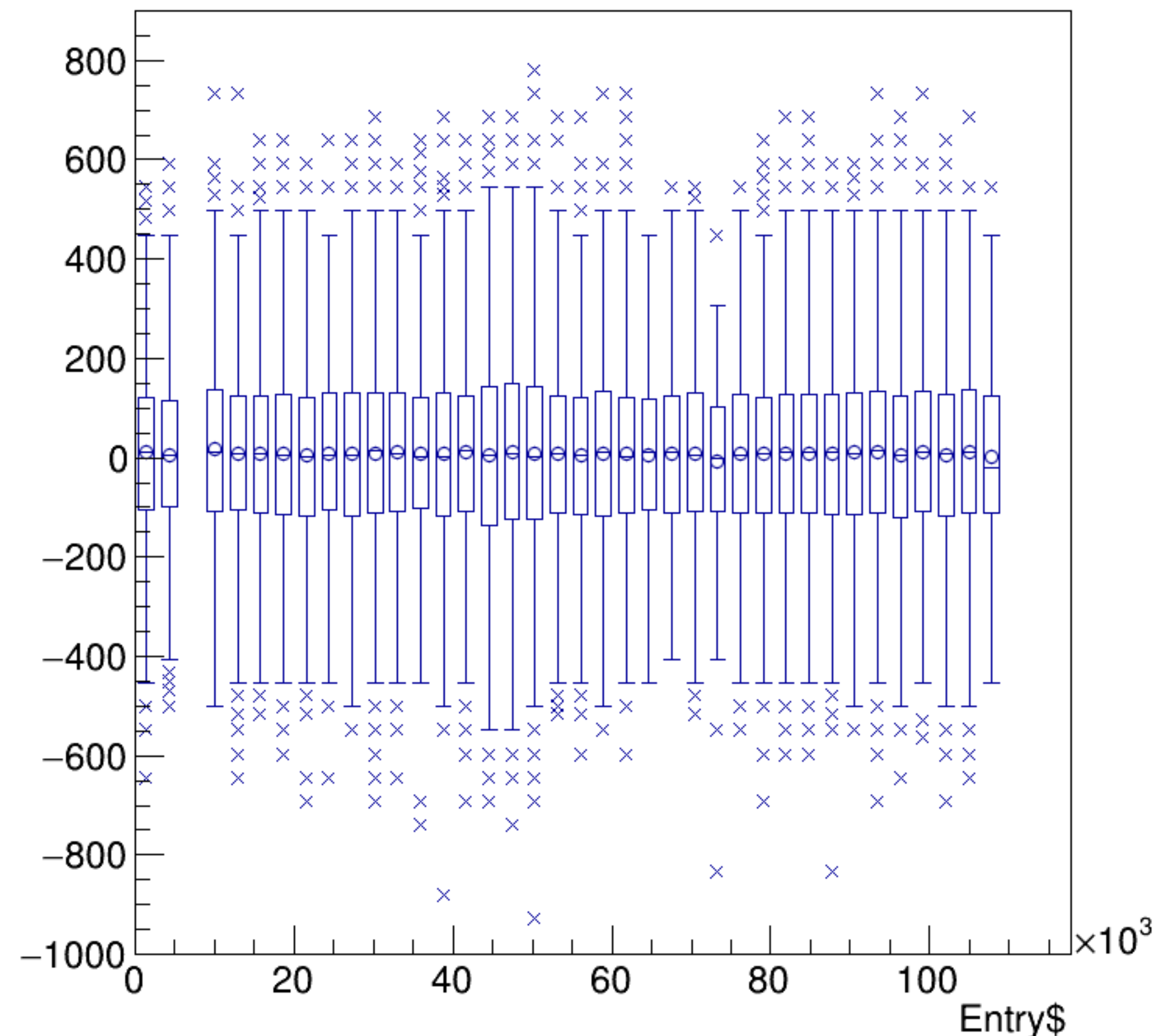
asym_bcm0l02/ppm {ErrorFlag==0}



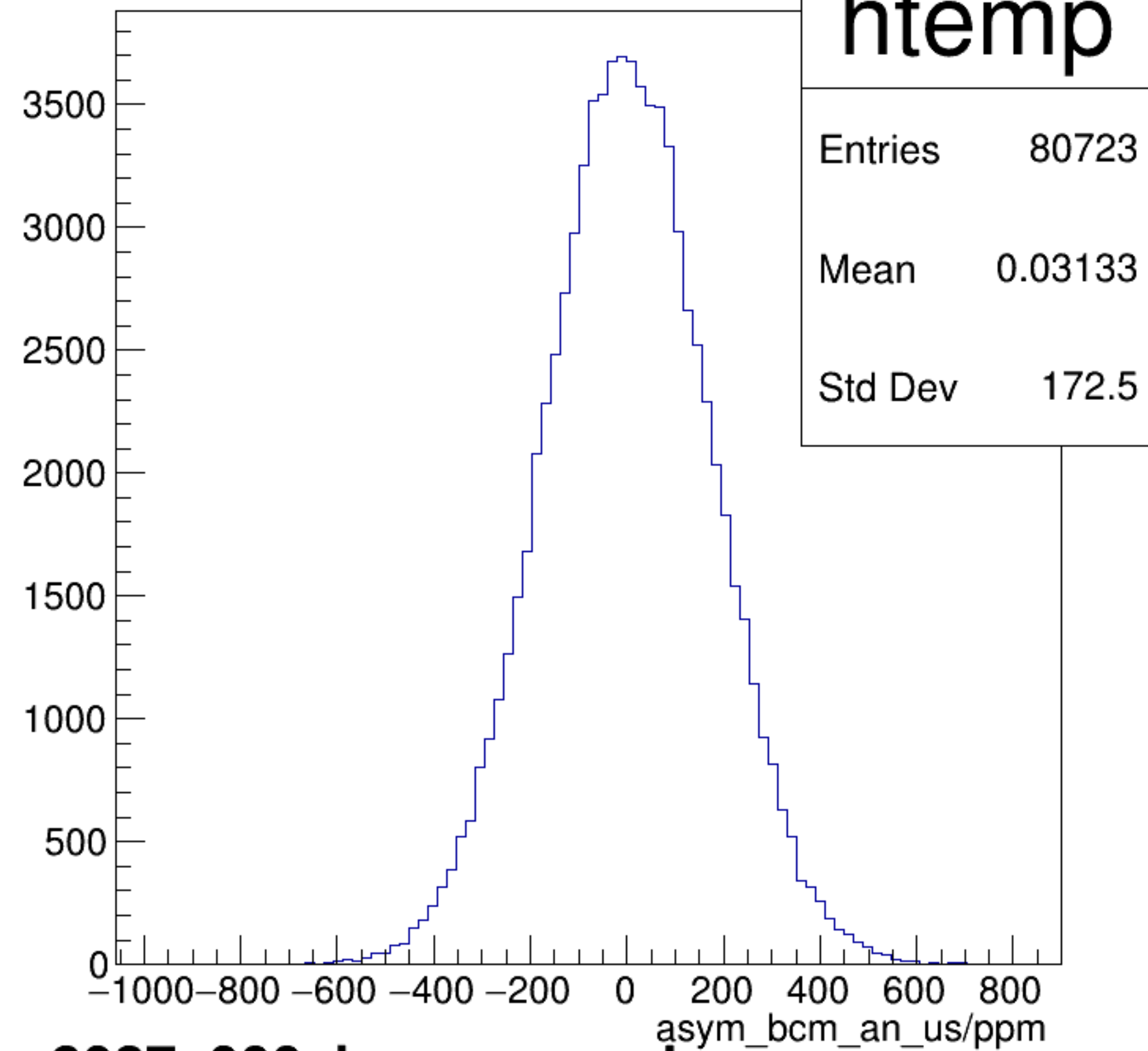
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



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

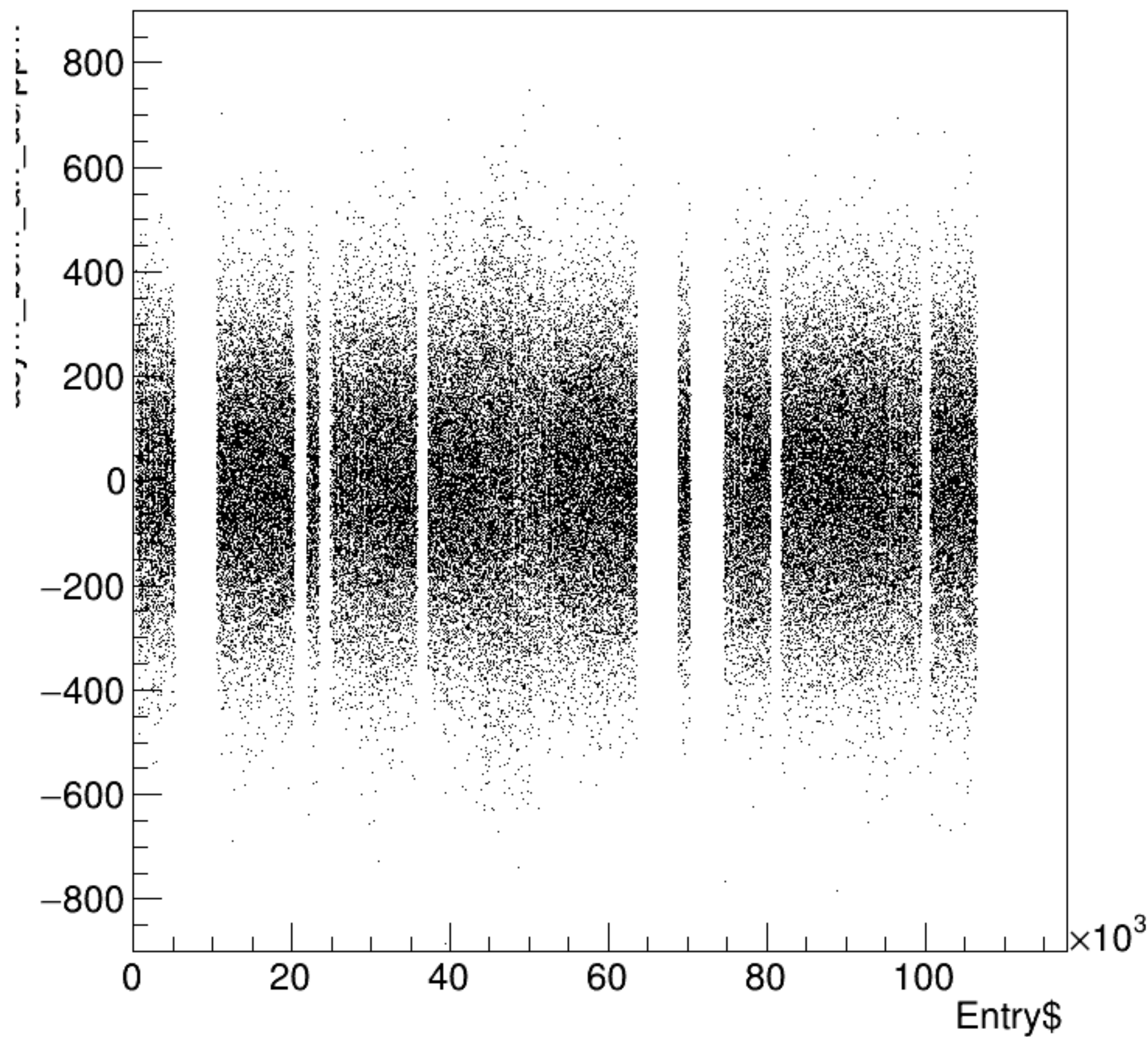


asym_bcm_an_us/ppm {ErrorFlag==0}

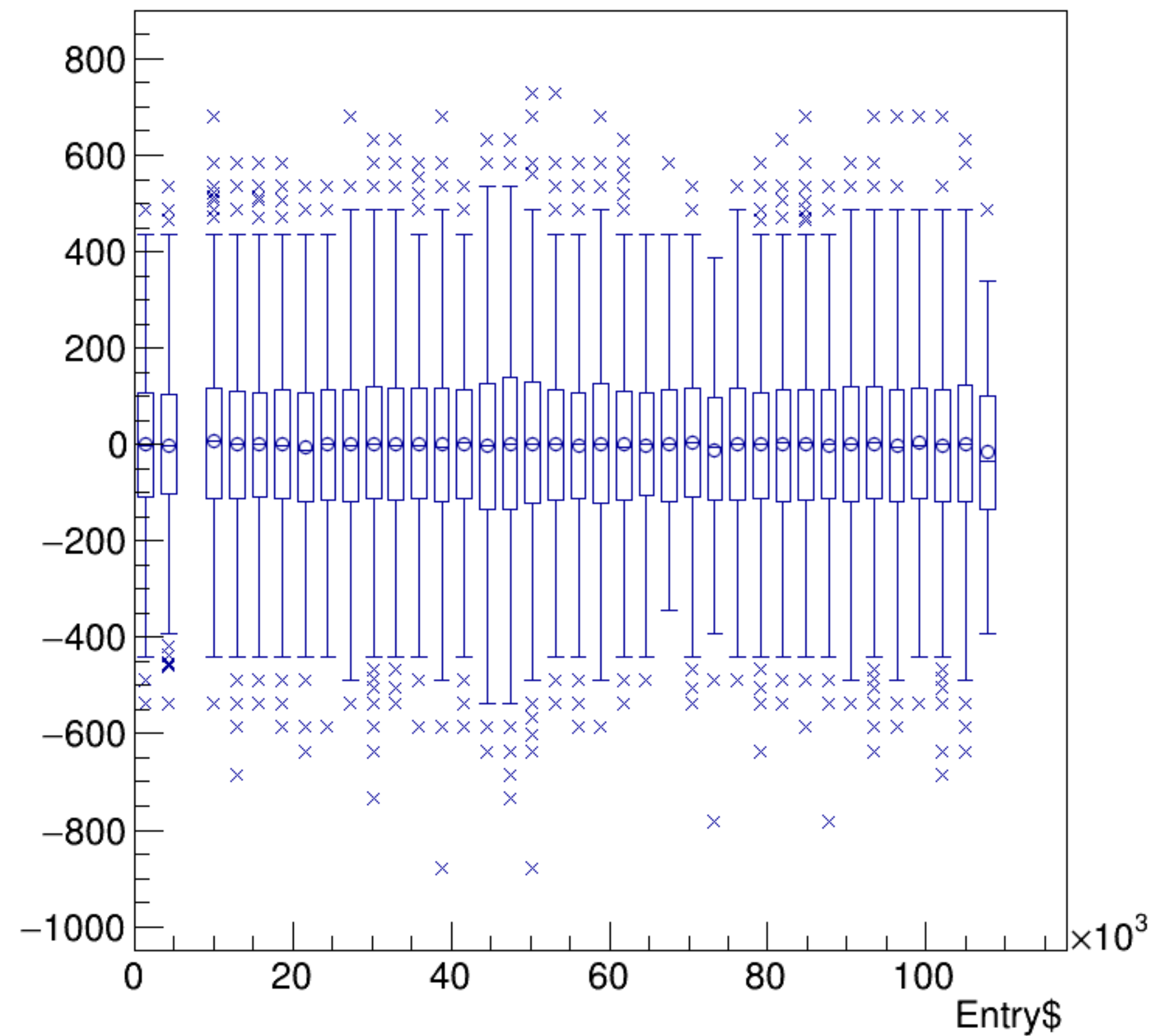


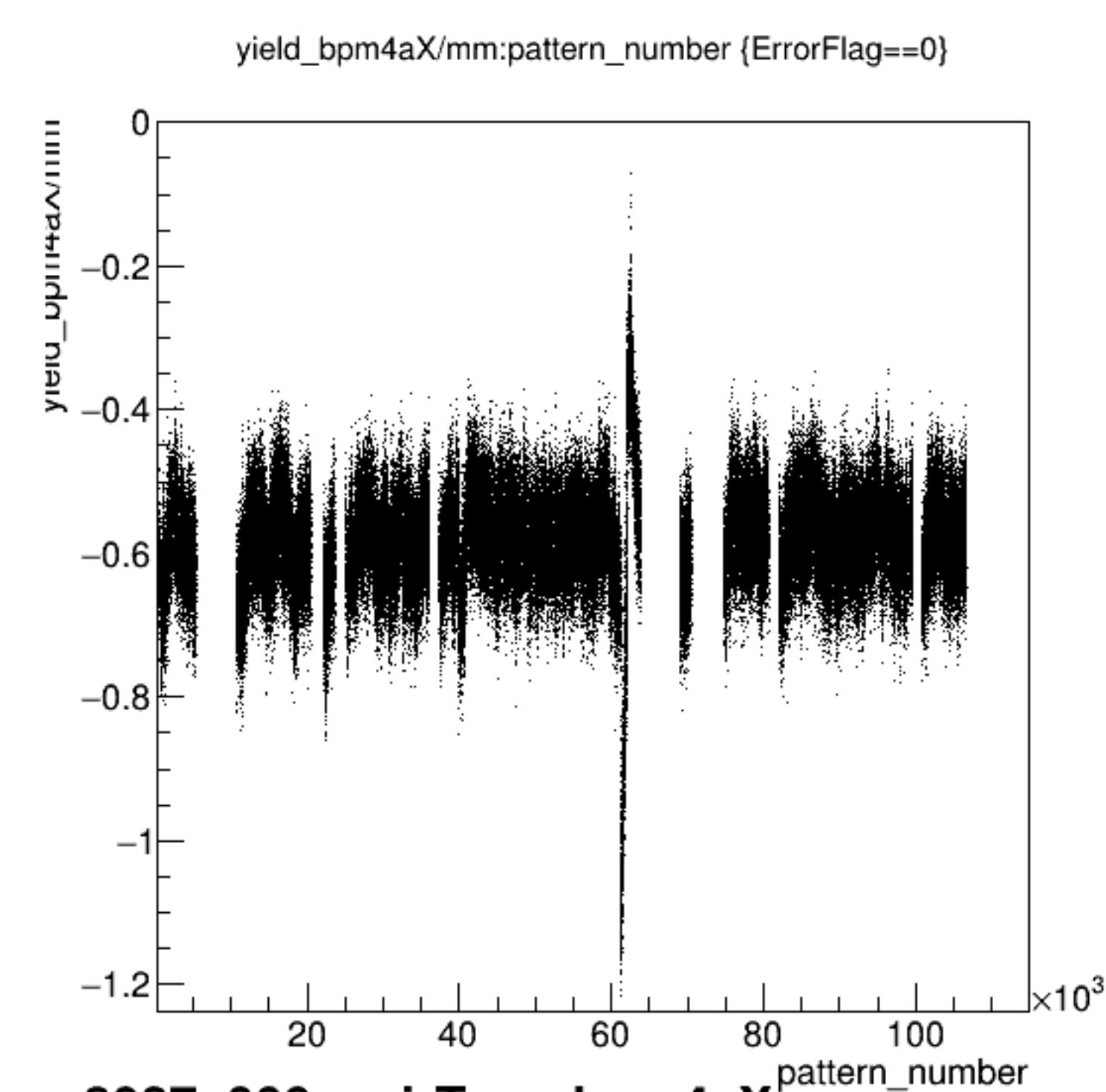
run8027_000_bpm_asym_bcm_an_us.png

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

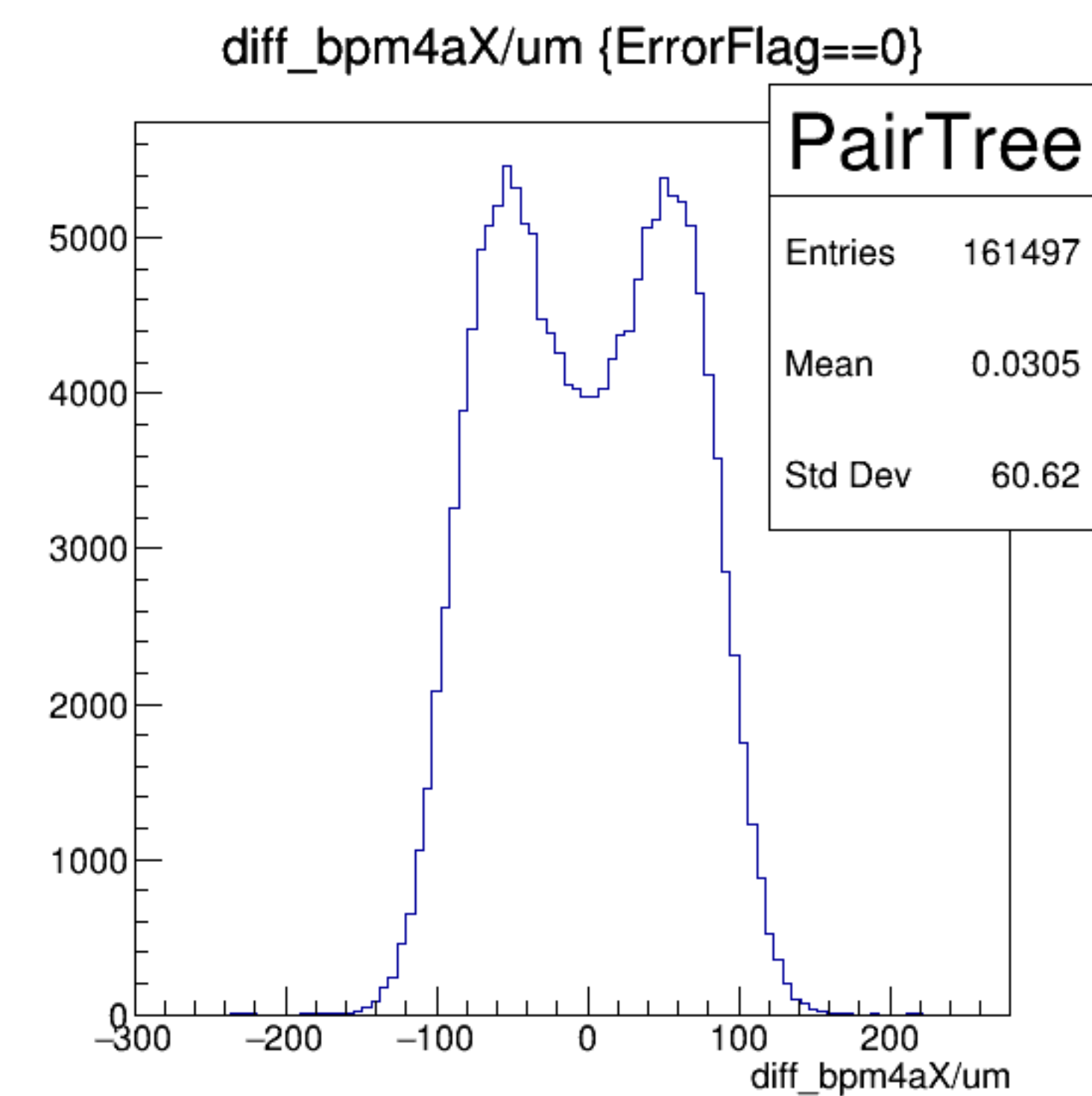
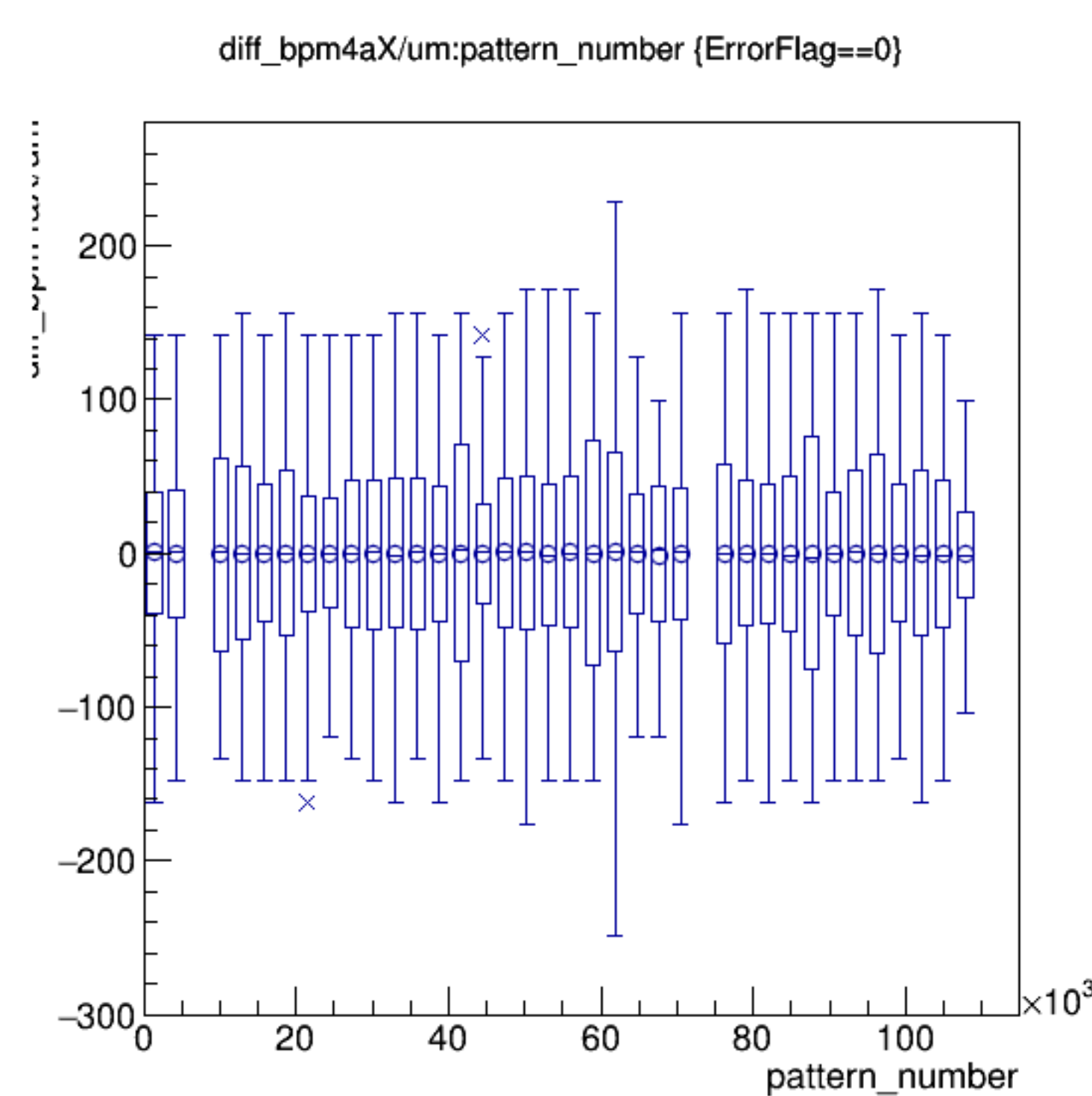
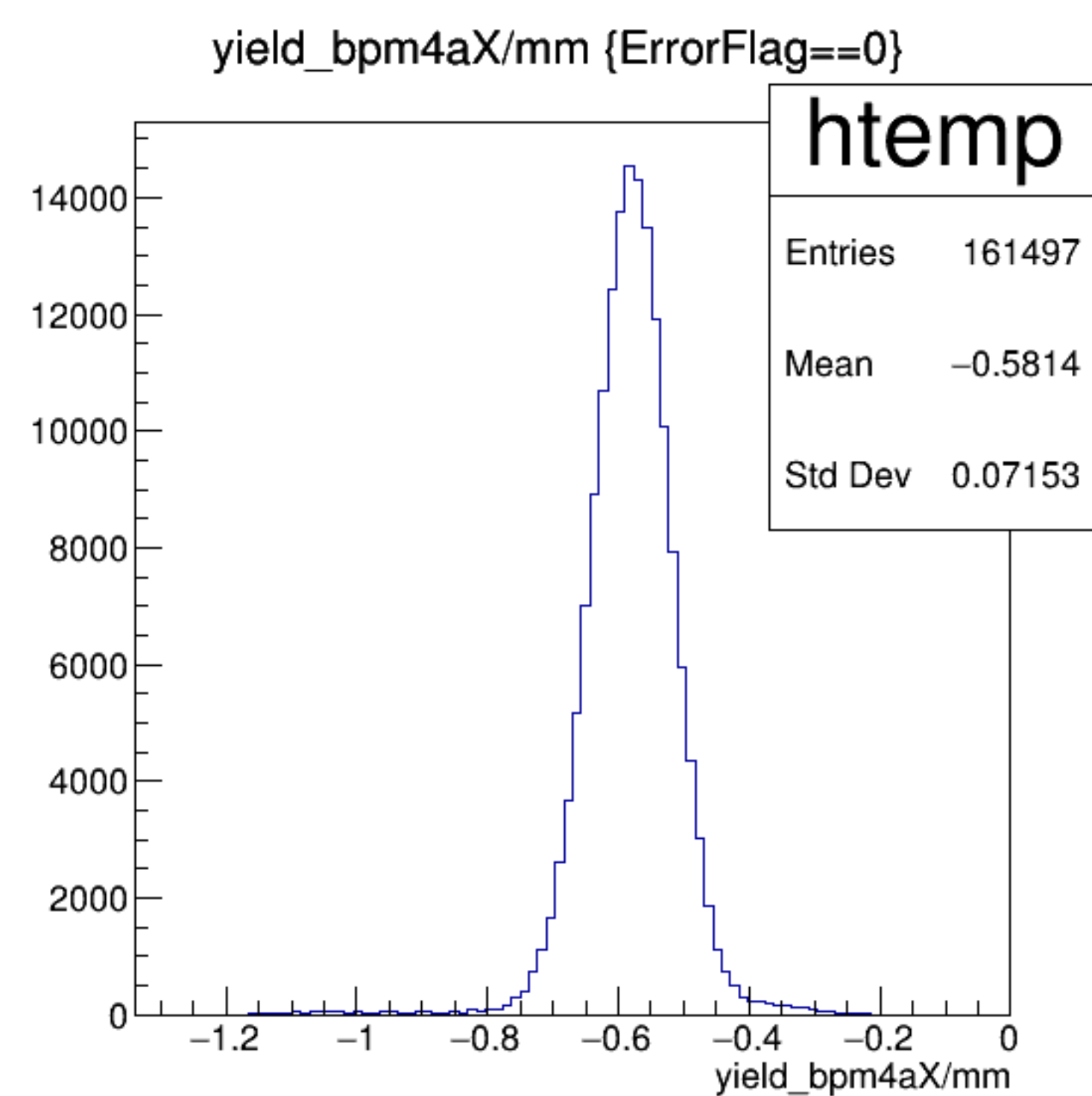


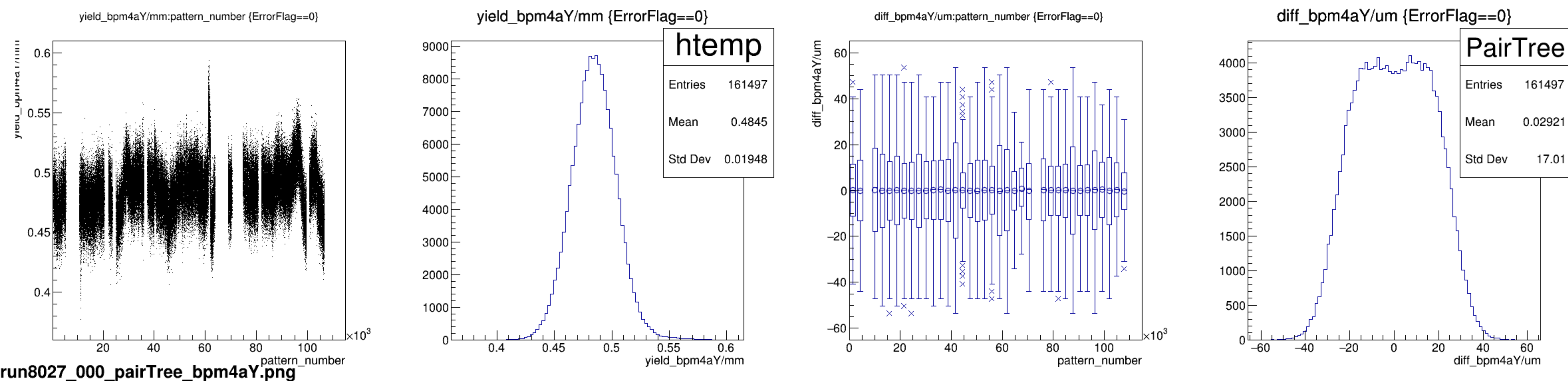
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}

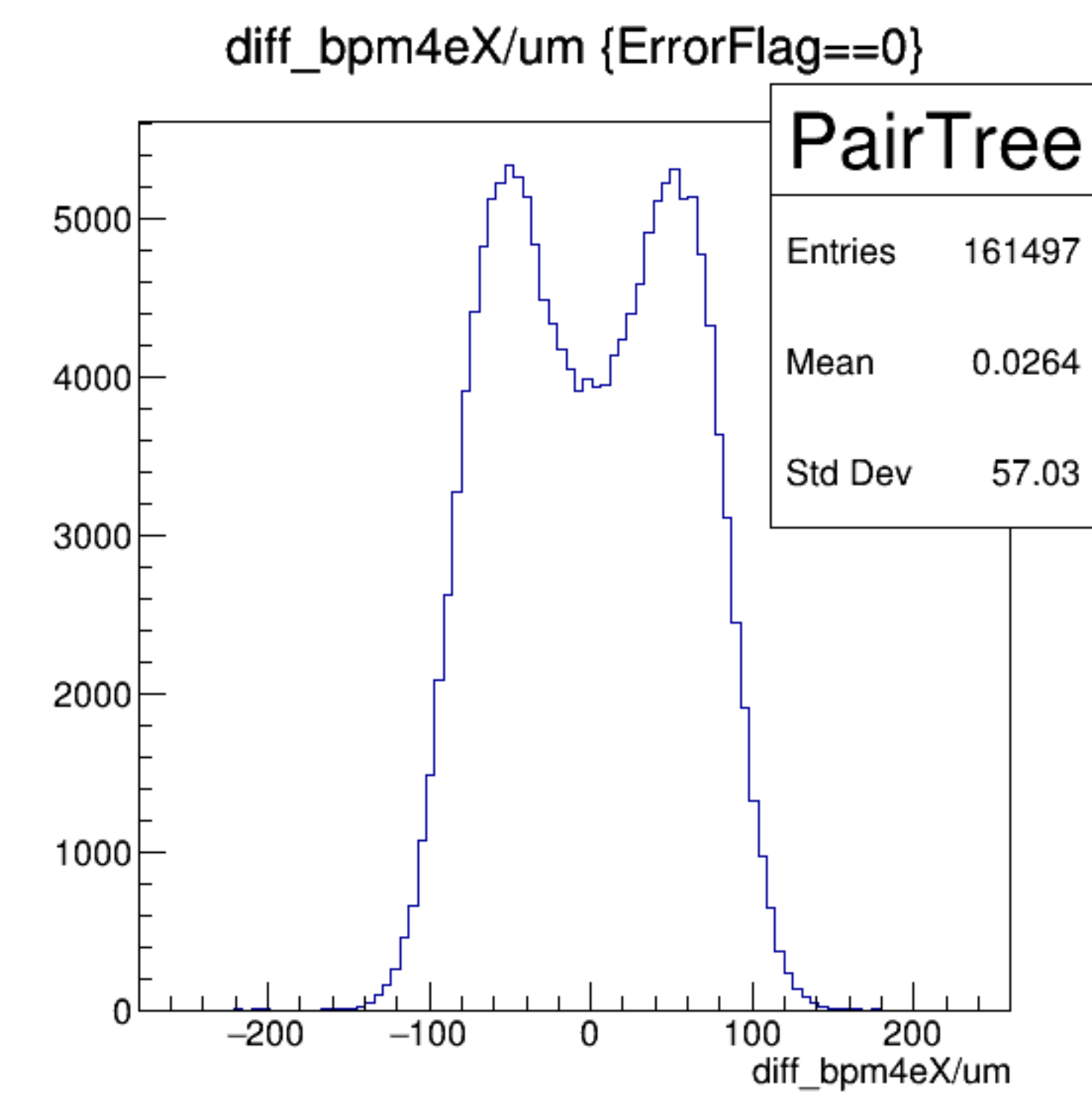
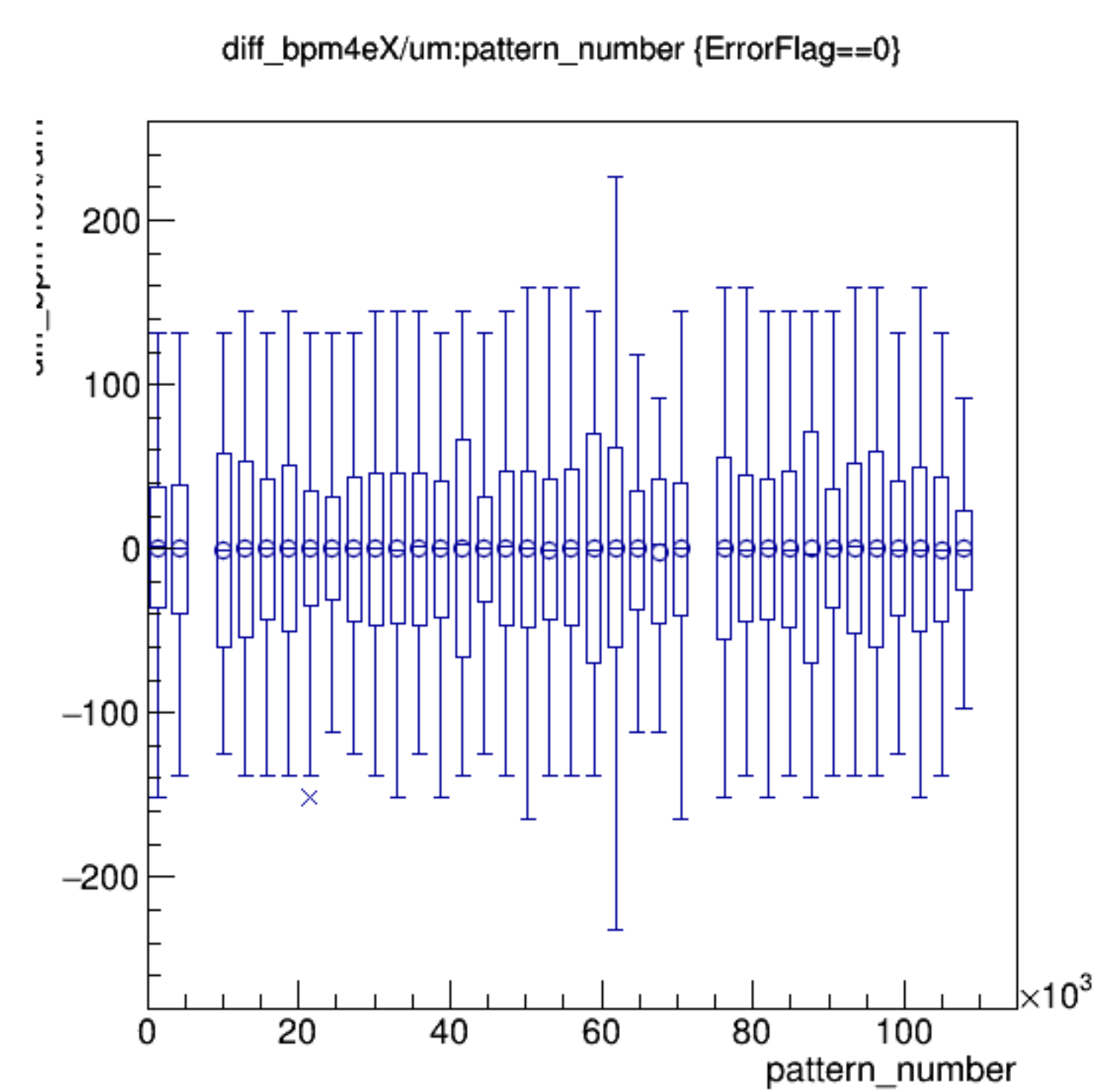
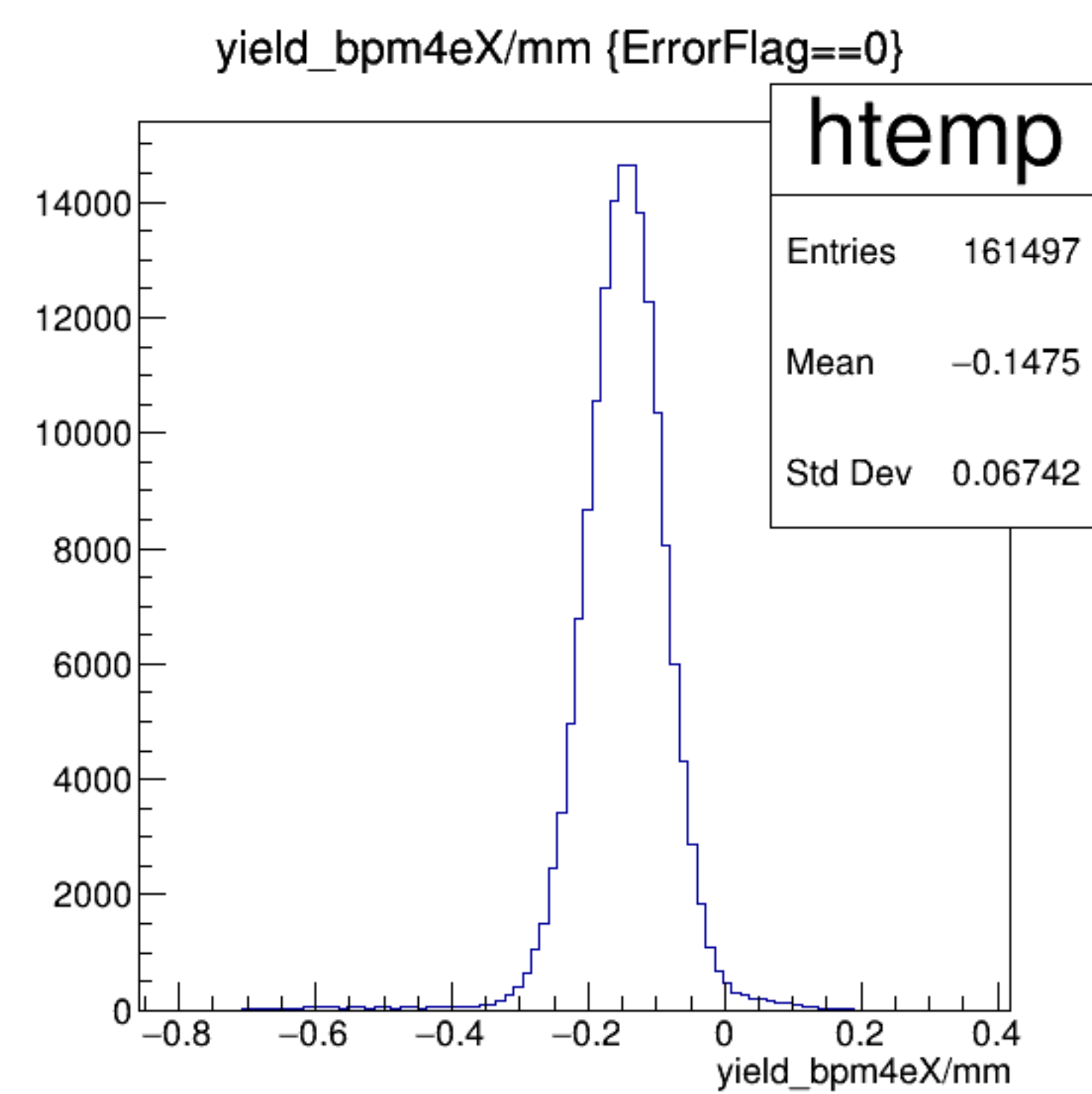
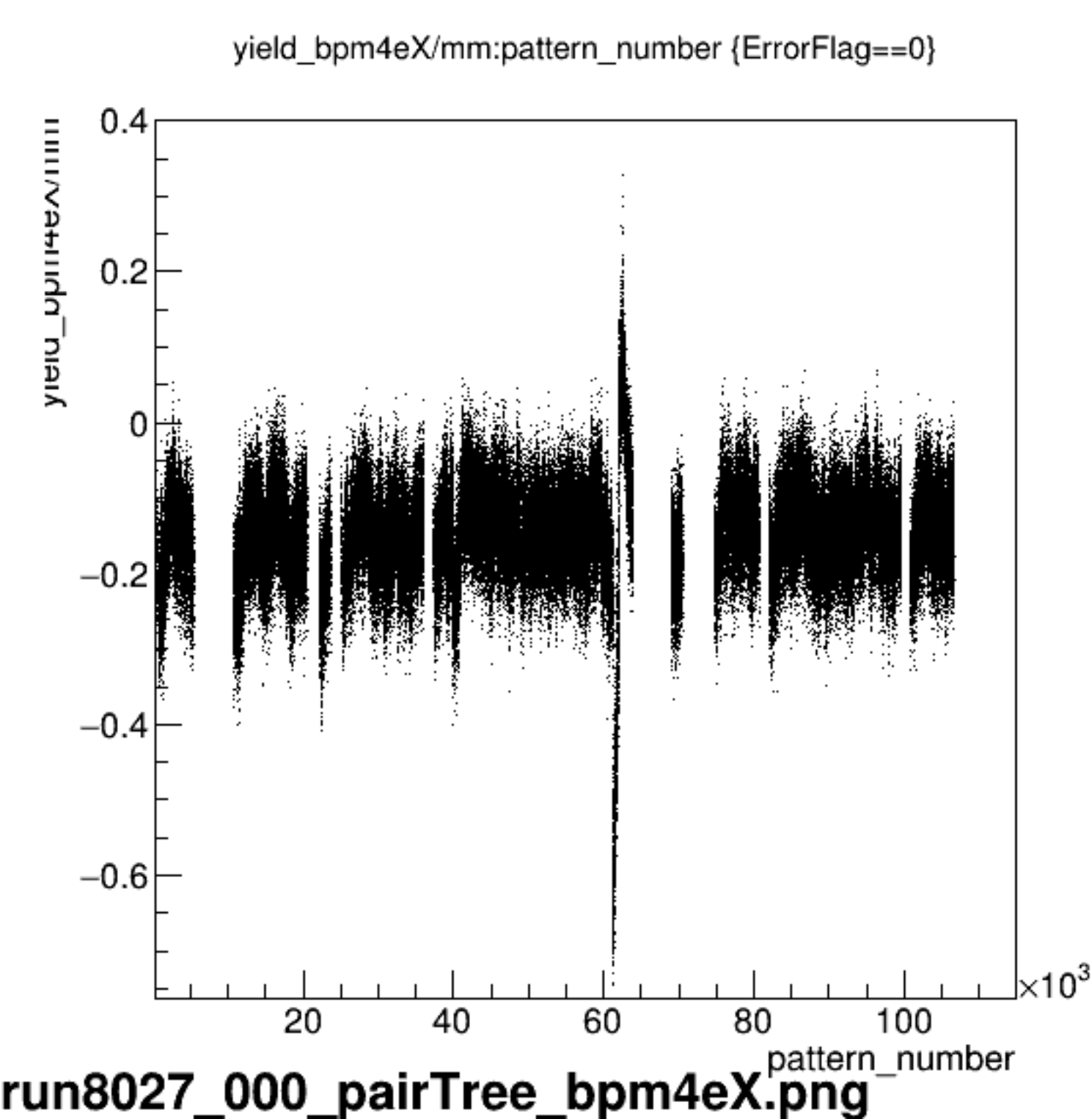


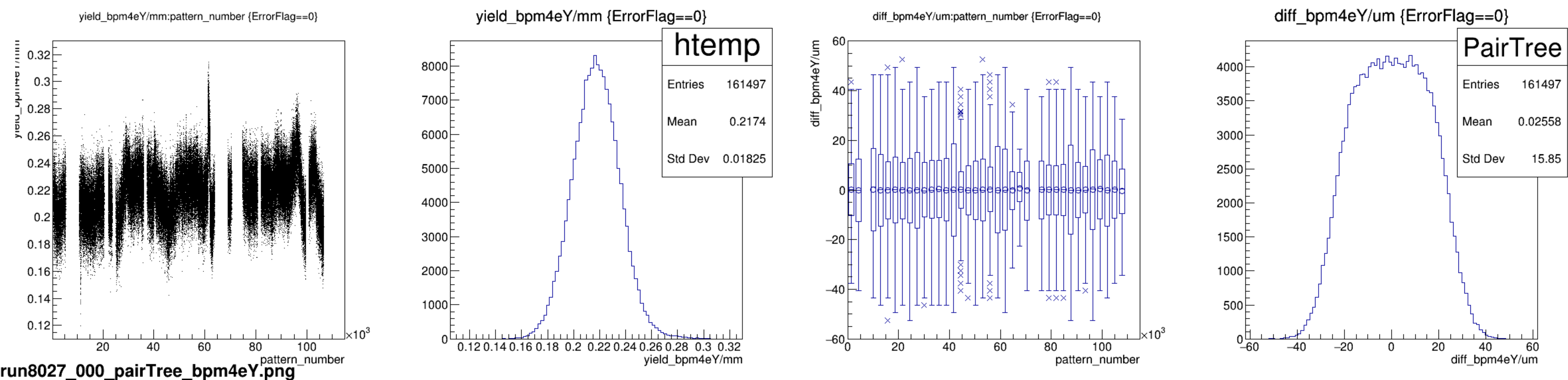


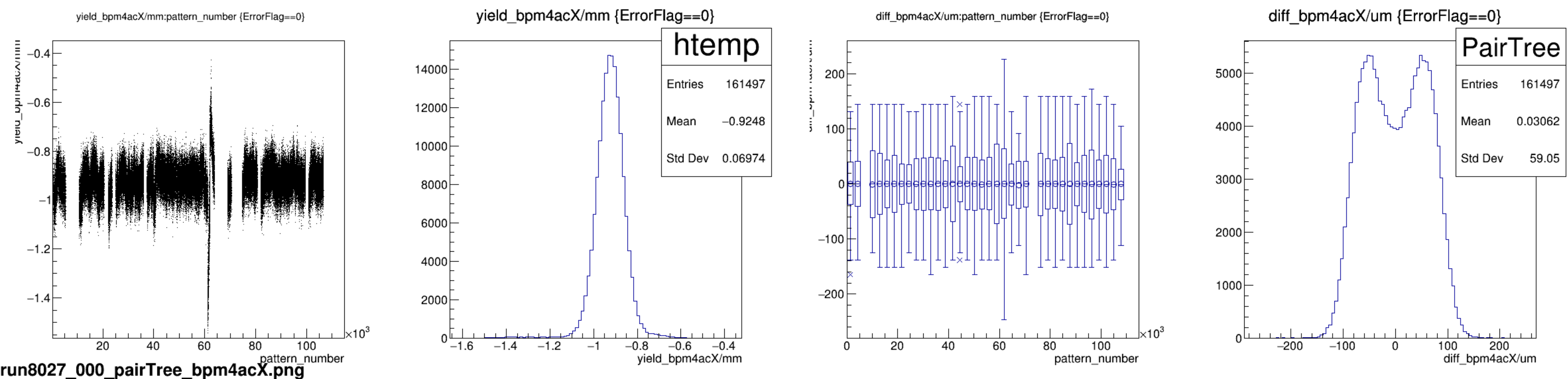
run8027_000_pairTree_bpm4aX.png

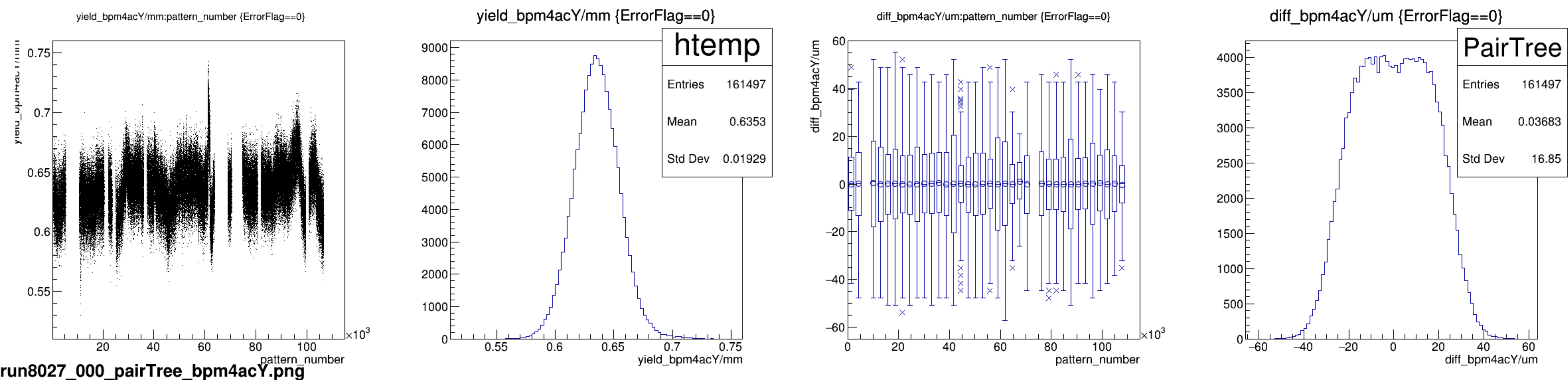


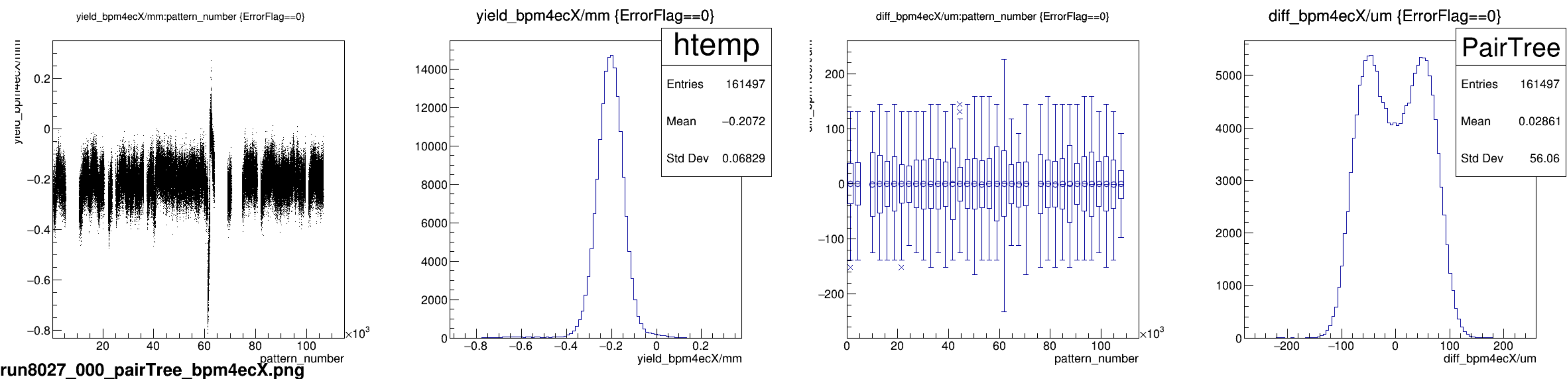




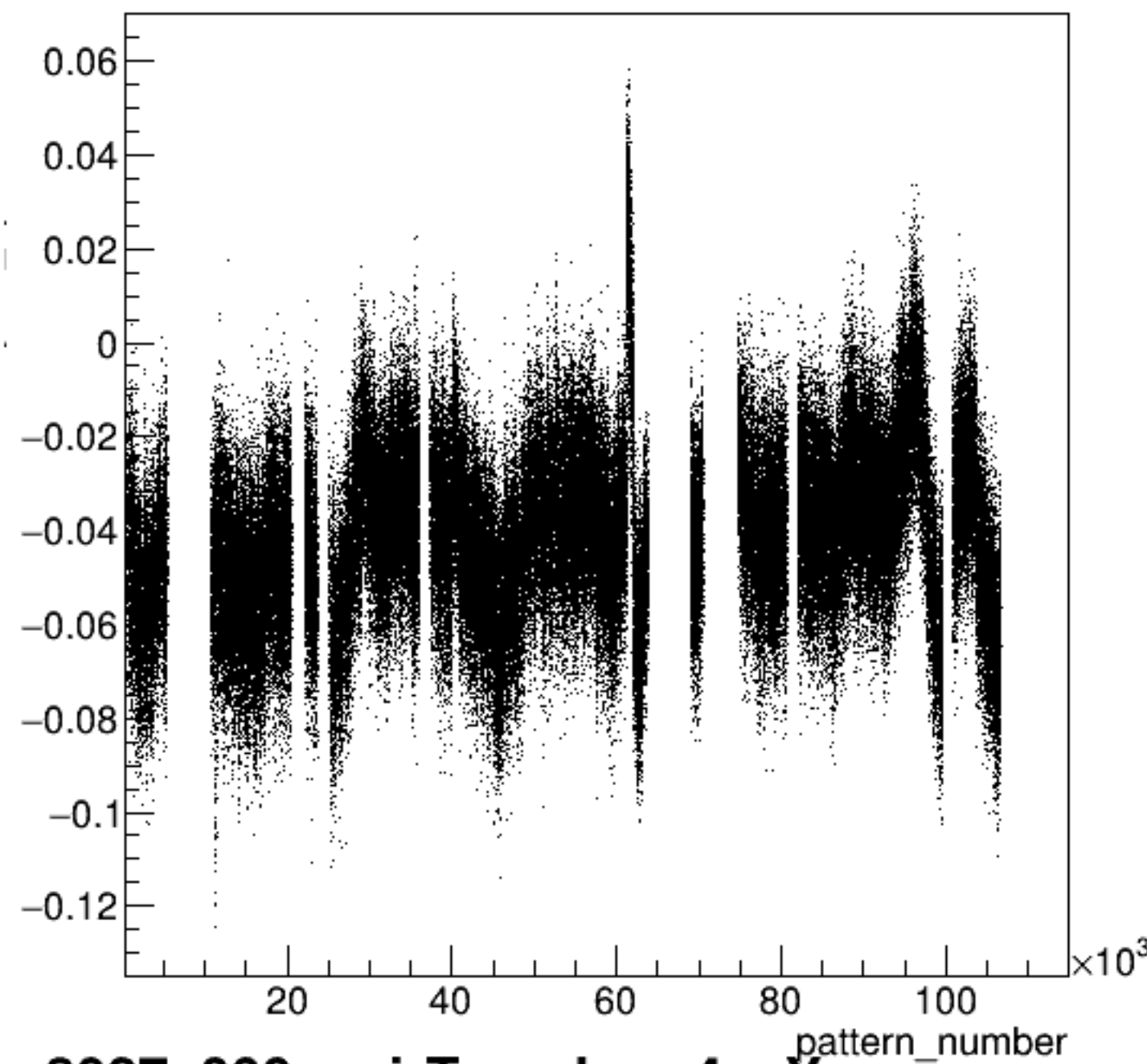






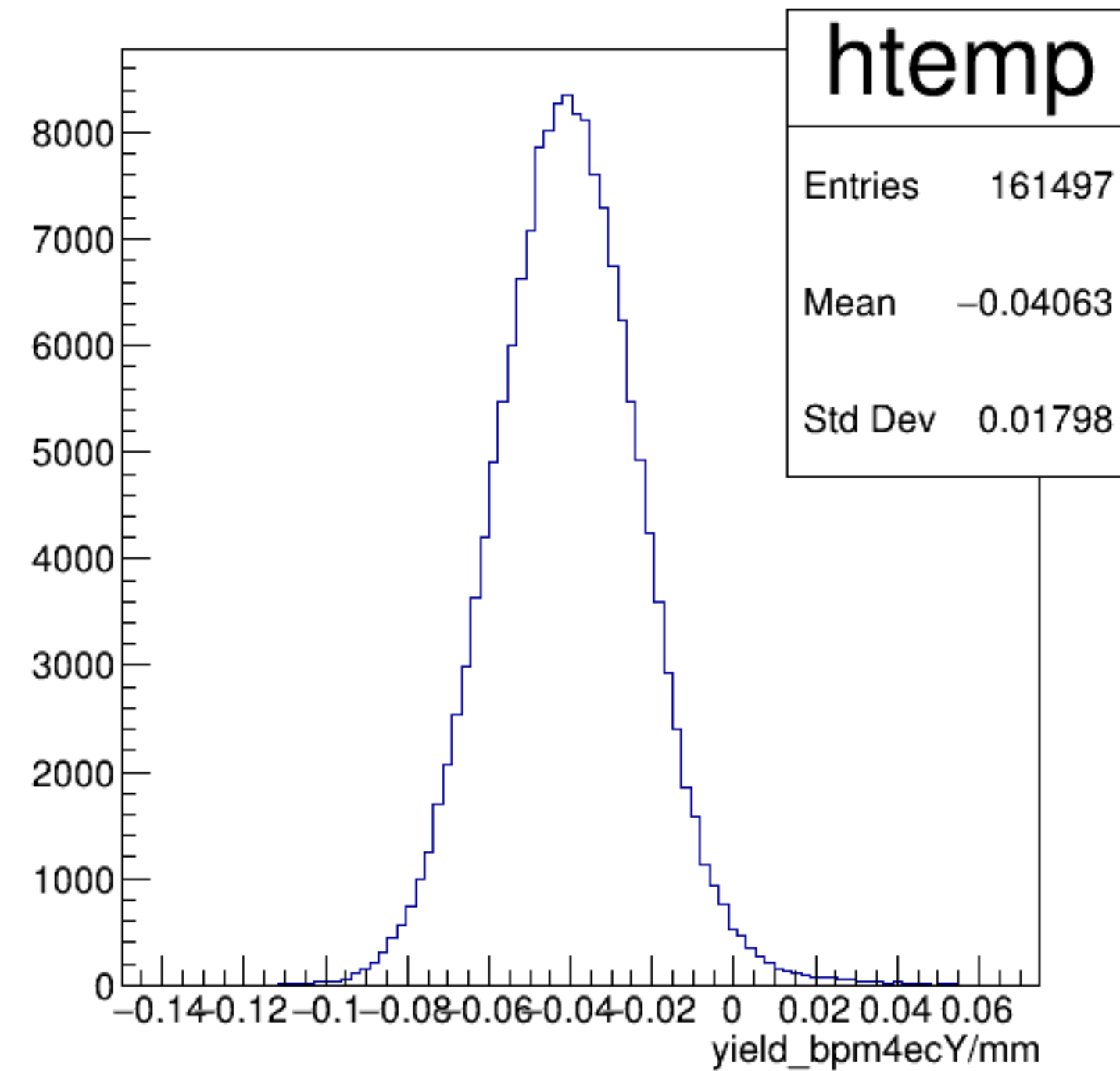


yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}

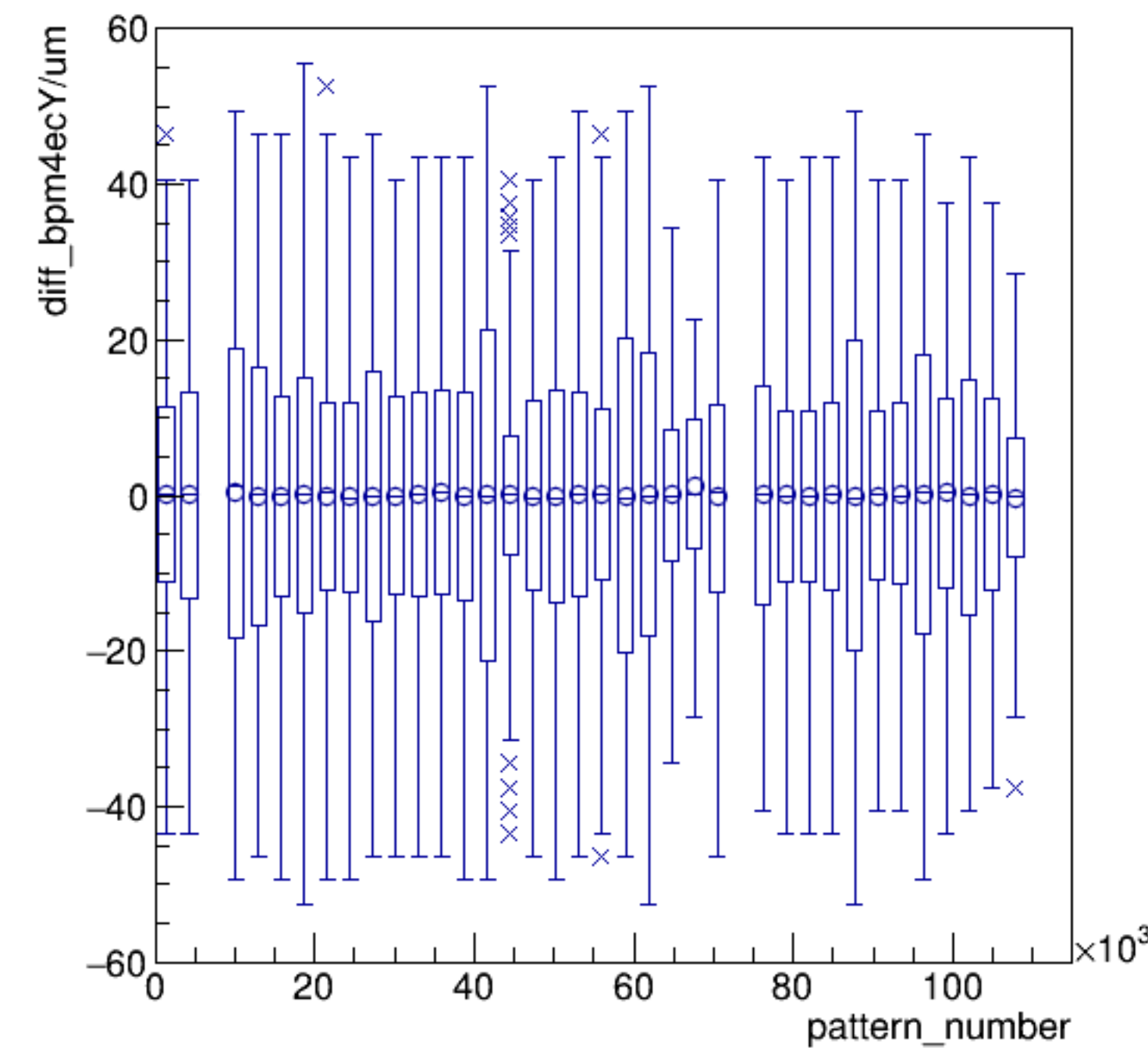


run8027_000_pairTree_bpm4ecY.png

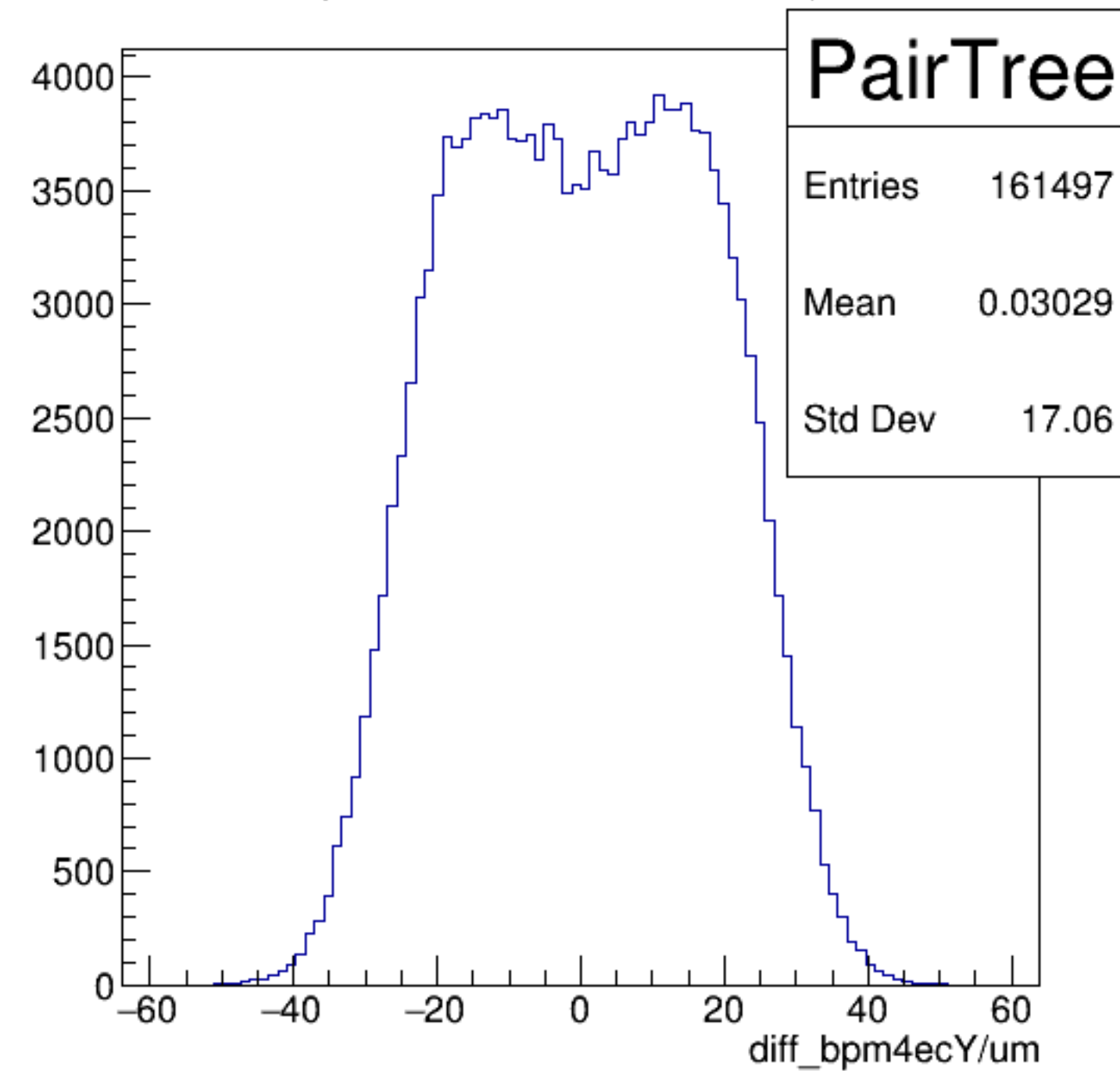
yield_bpm4ecY/mm {ErrorFlag==0}

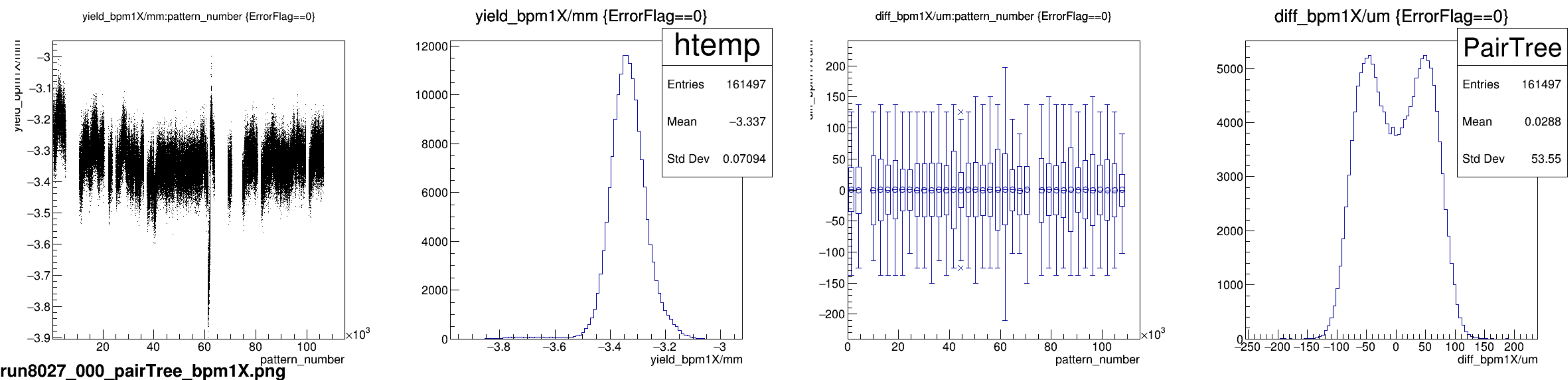


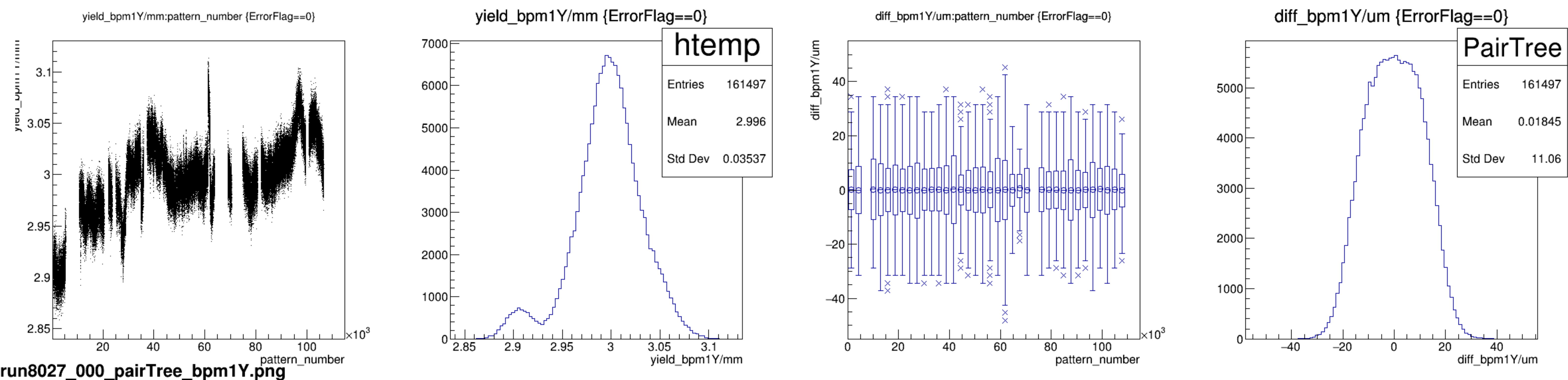
diff_bpm4ecY/um:pattern_number {ErrorFlag==0}



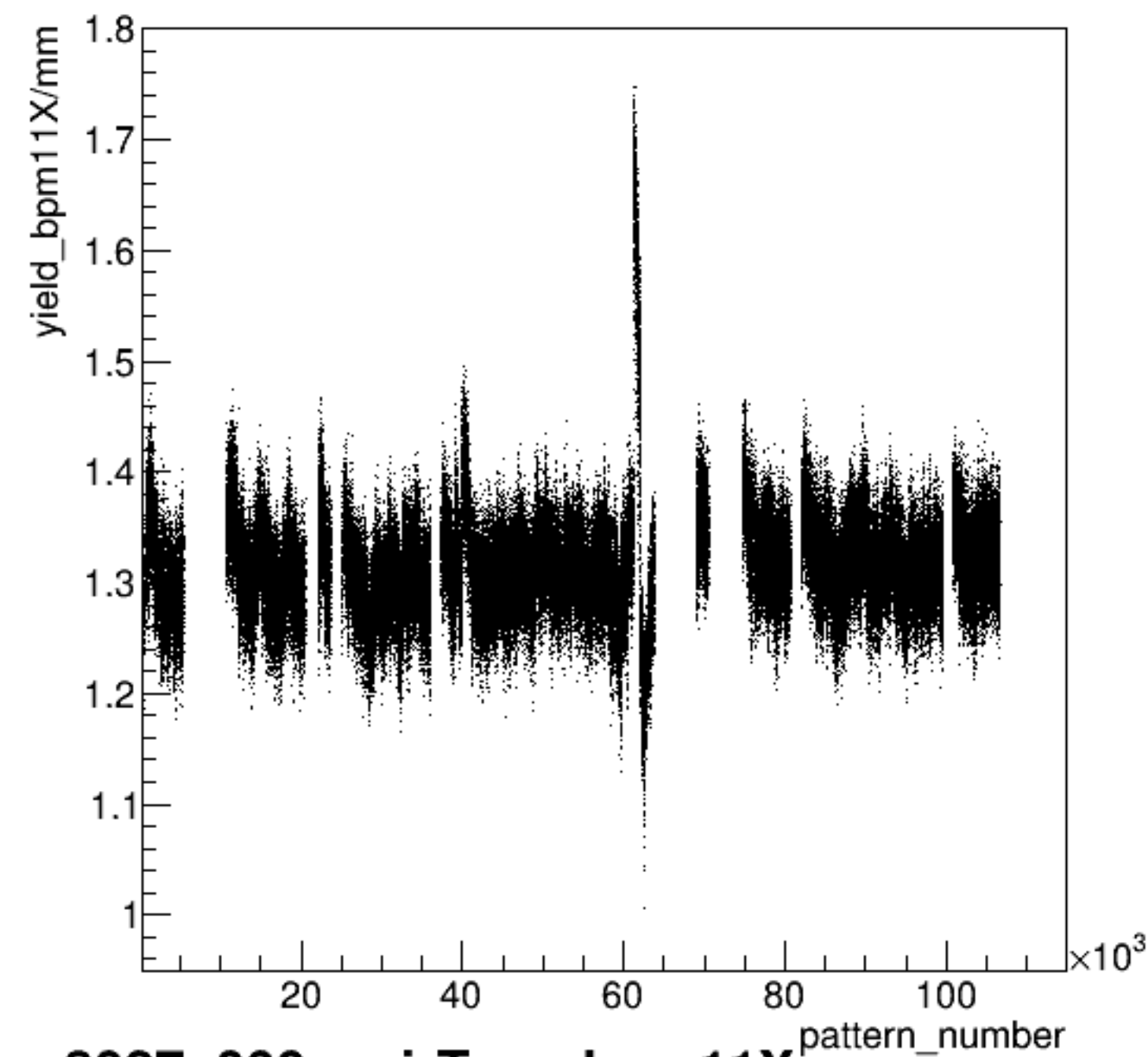
diff_bpm4ecY/um {ErrorFlag==0}



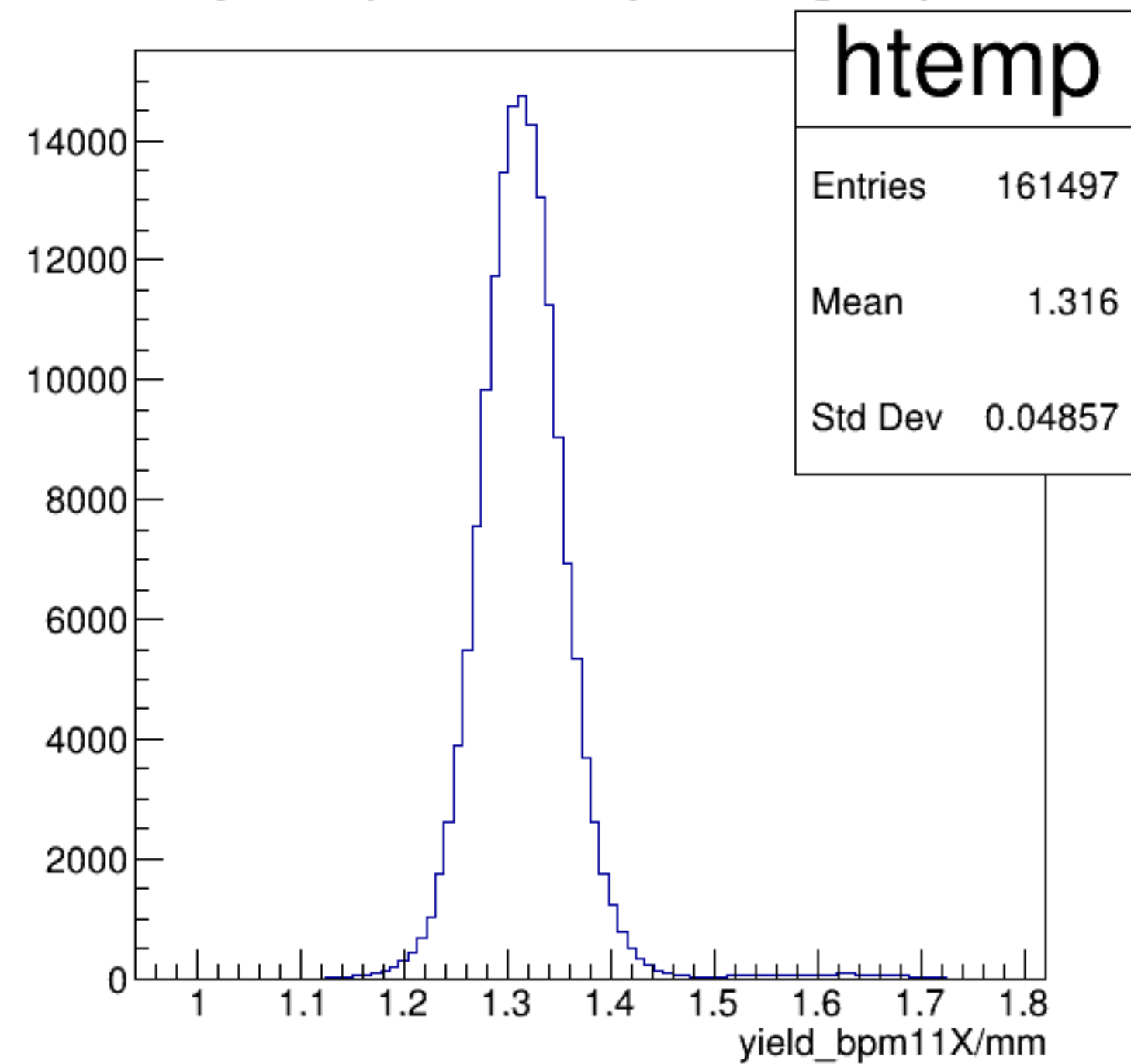




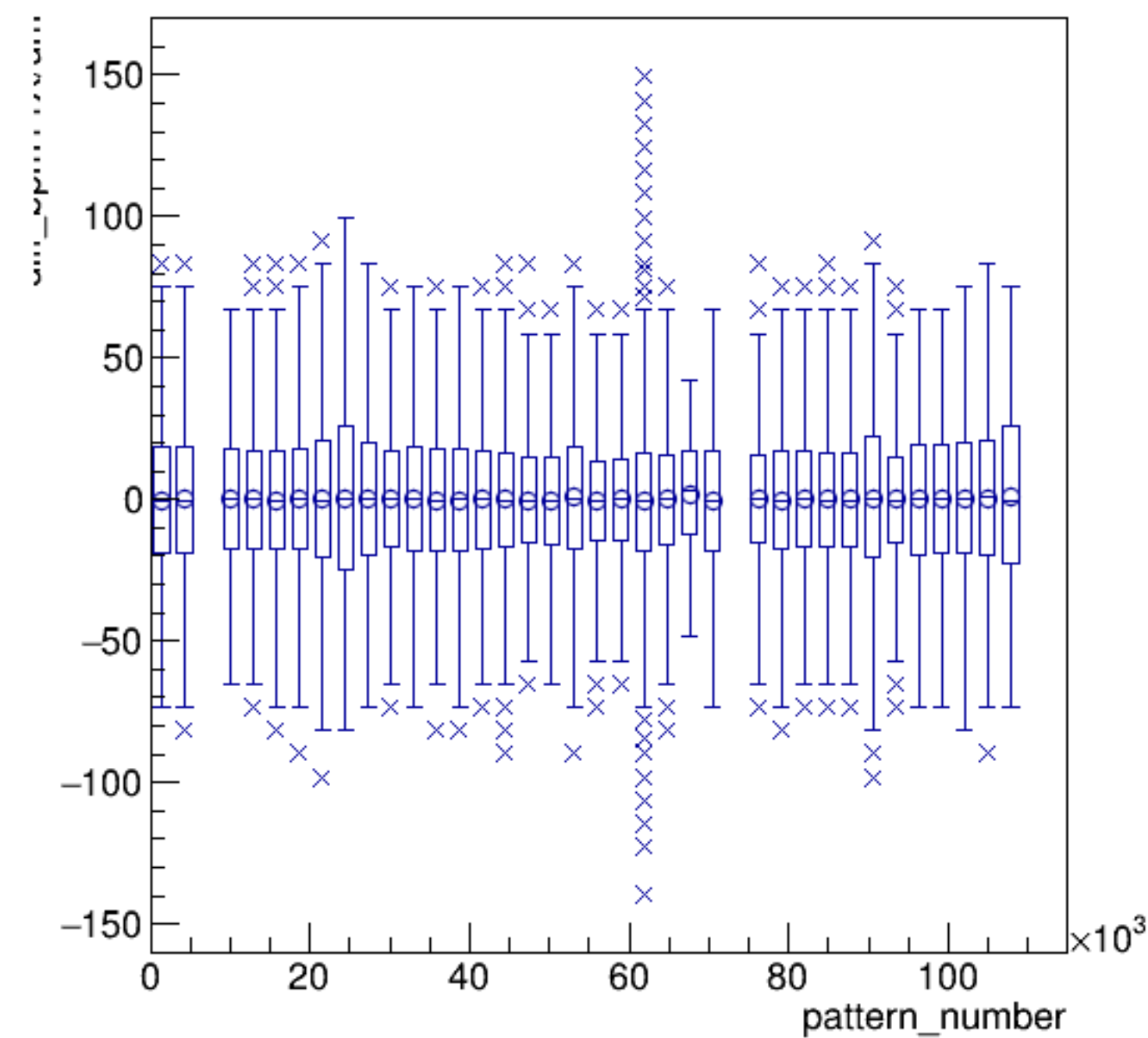
yield_bpm11X/mm:pattern_number {ErrorFlag==0}



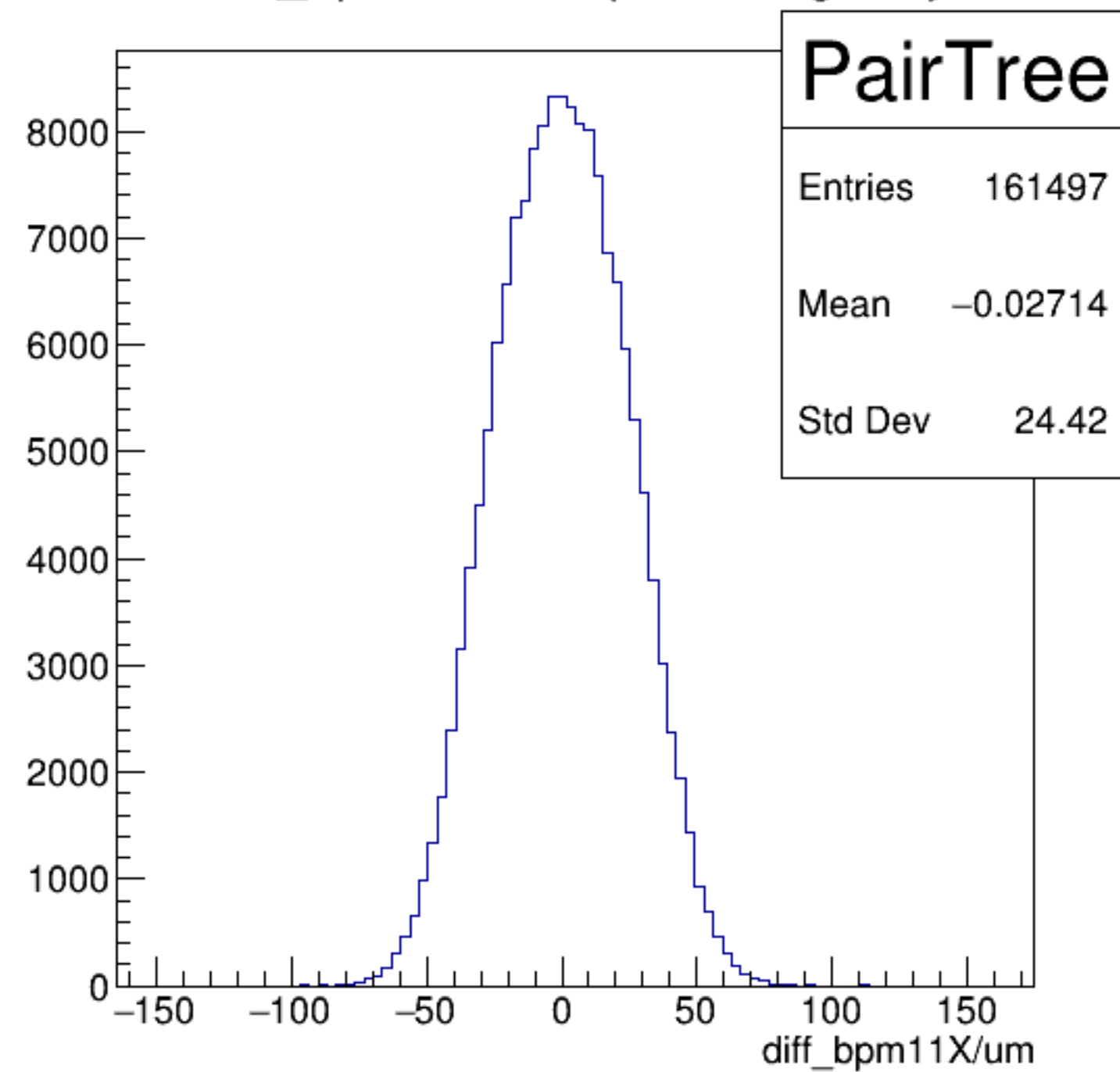
yield_bpm11X/mm {ErrorFlag==0}



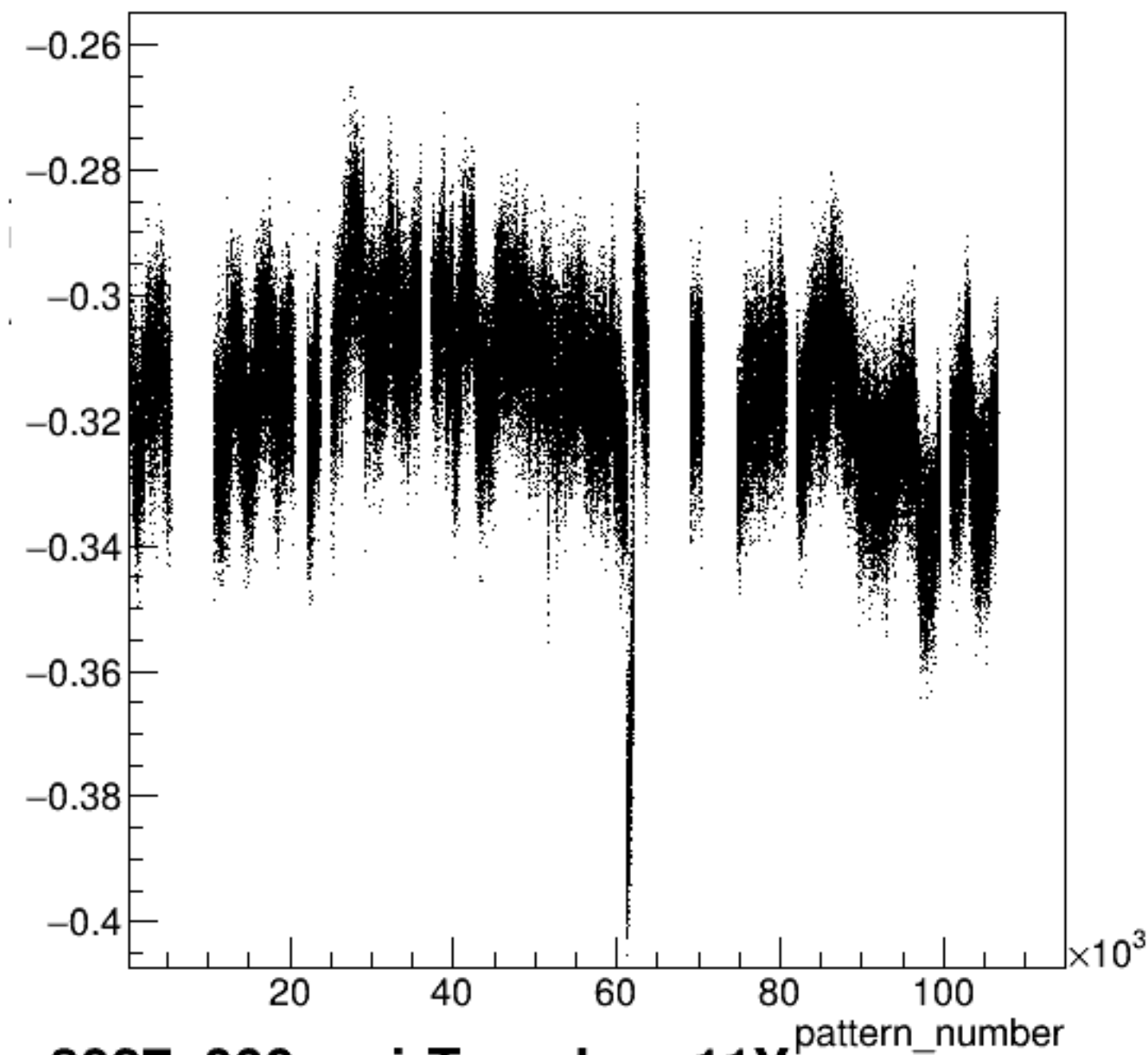
diff_bpm11X/um:pattern_number {ErrorFlag==0}



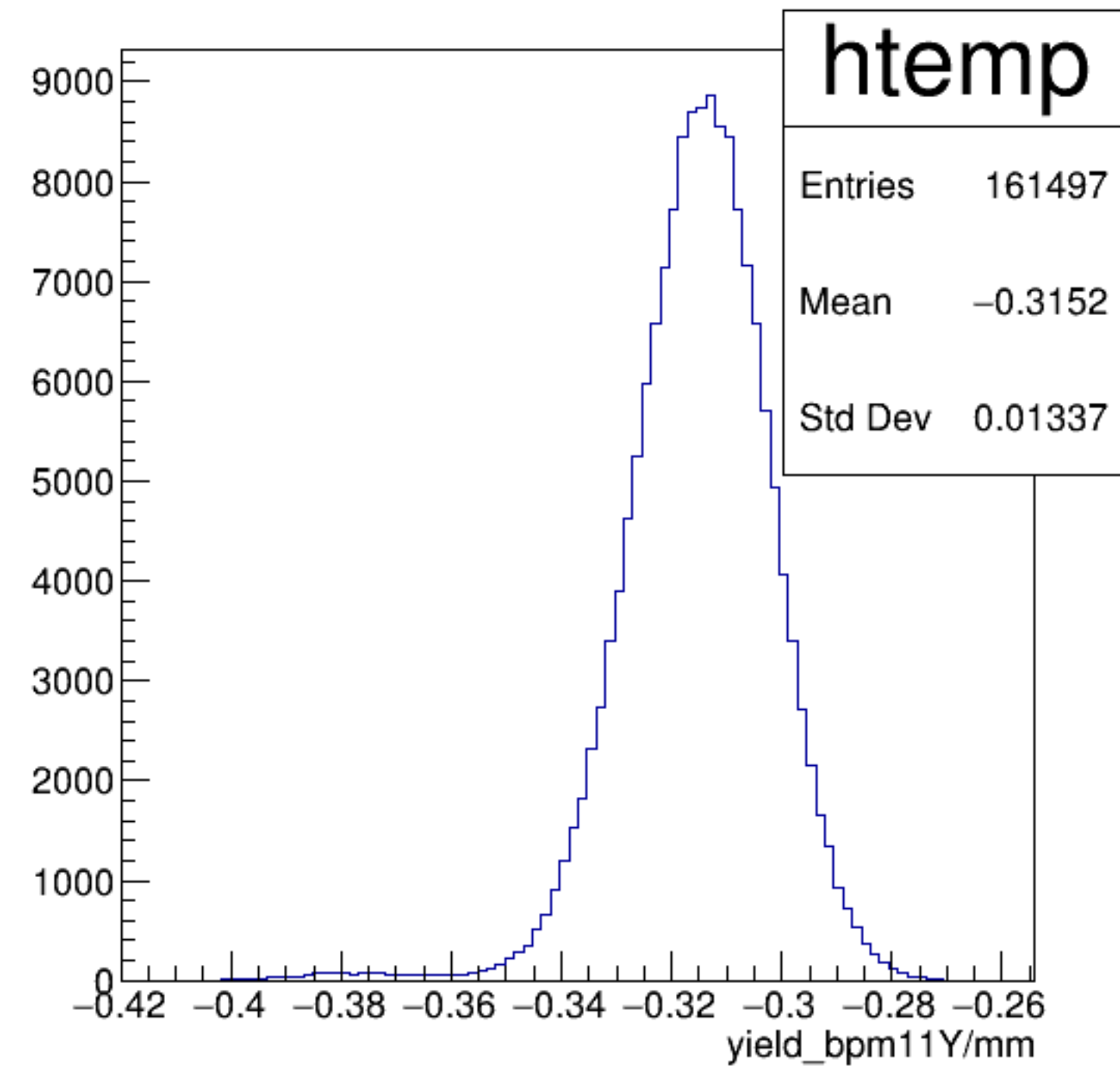
diff_bpm11X/um {ErrorFlag==0}



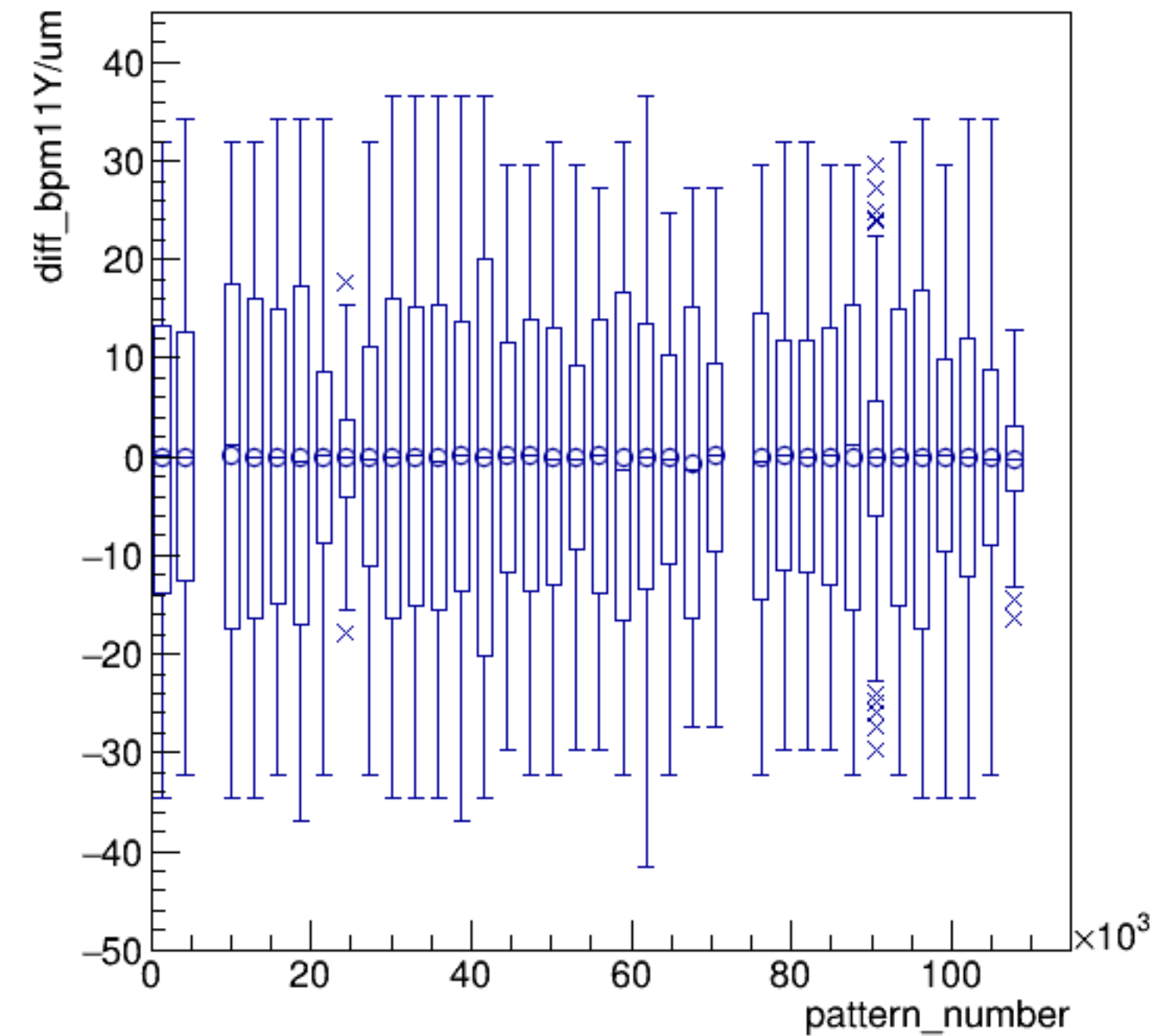
yield_bpm11Y/mm:pattern_number {ErrorFlag==0}



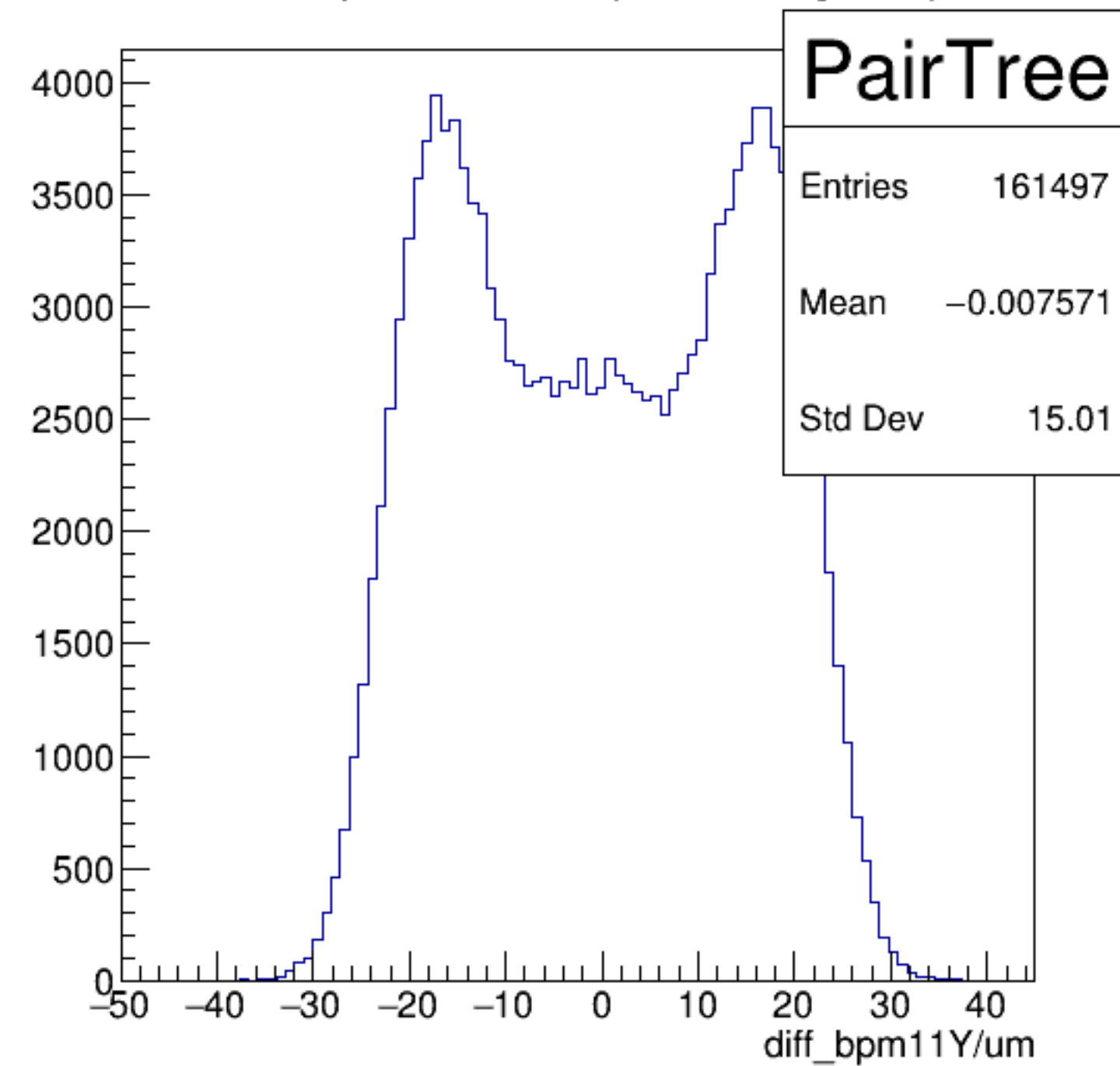
yield_bpm11Y/mm {ErrorFlag==0}



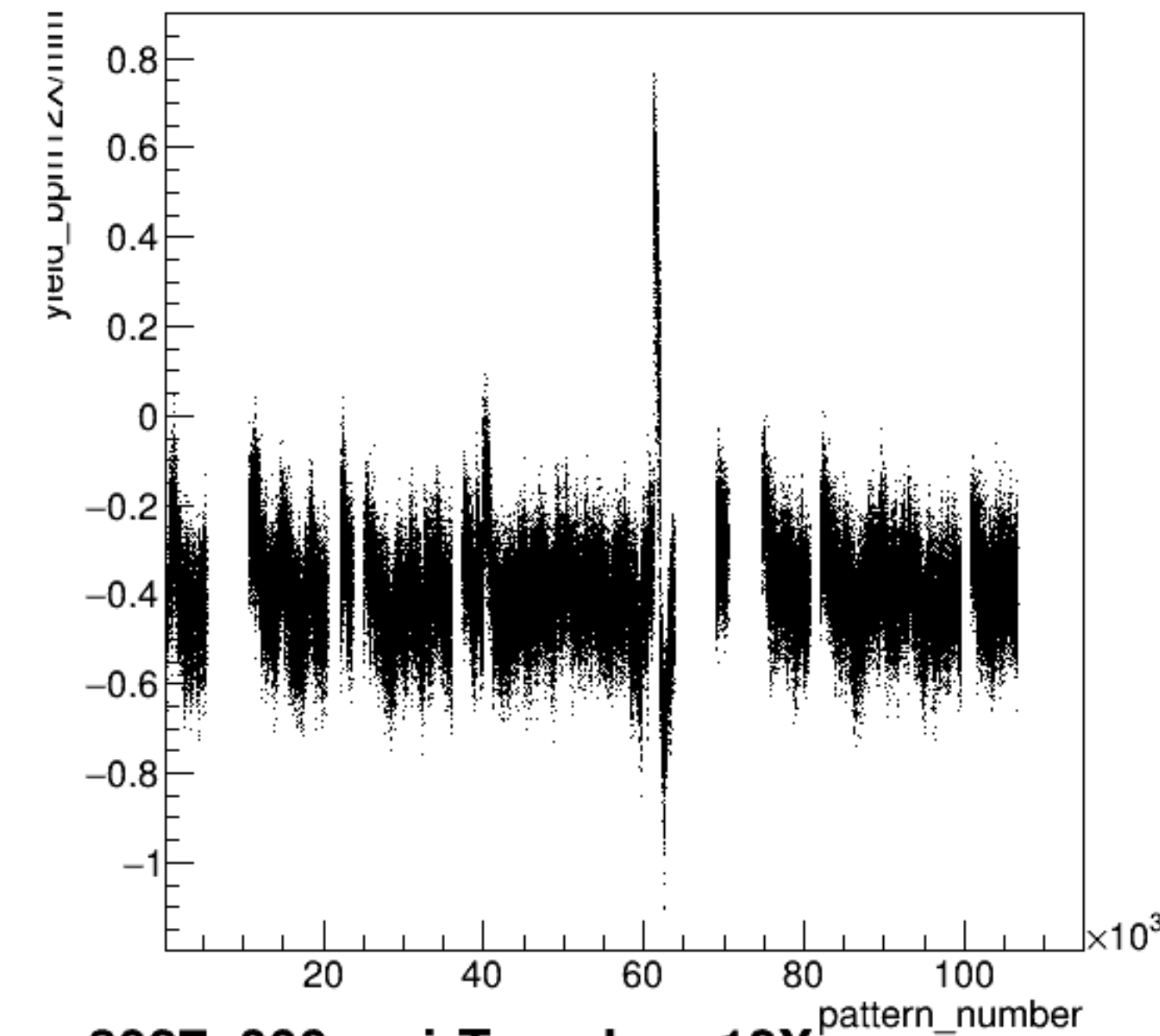
diff_bpm11Y/um:pattern_number {ErrorFlag==0}



diff_bpm11Y/um {ErrorFlag==0}

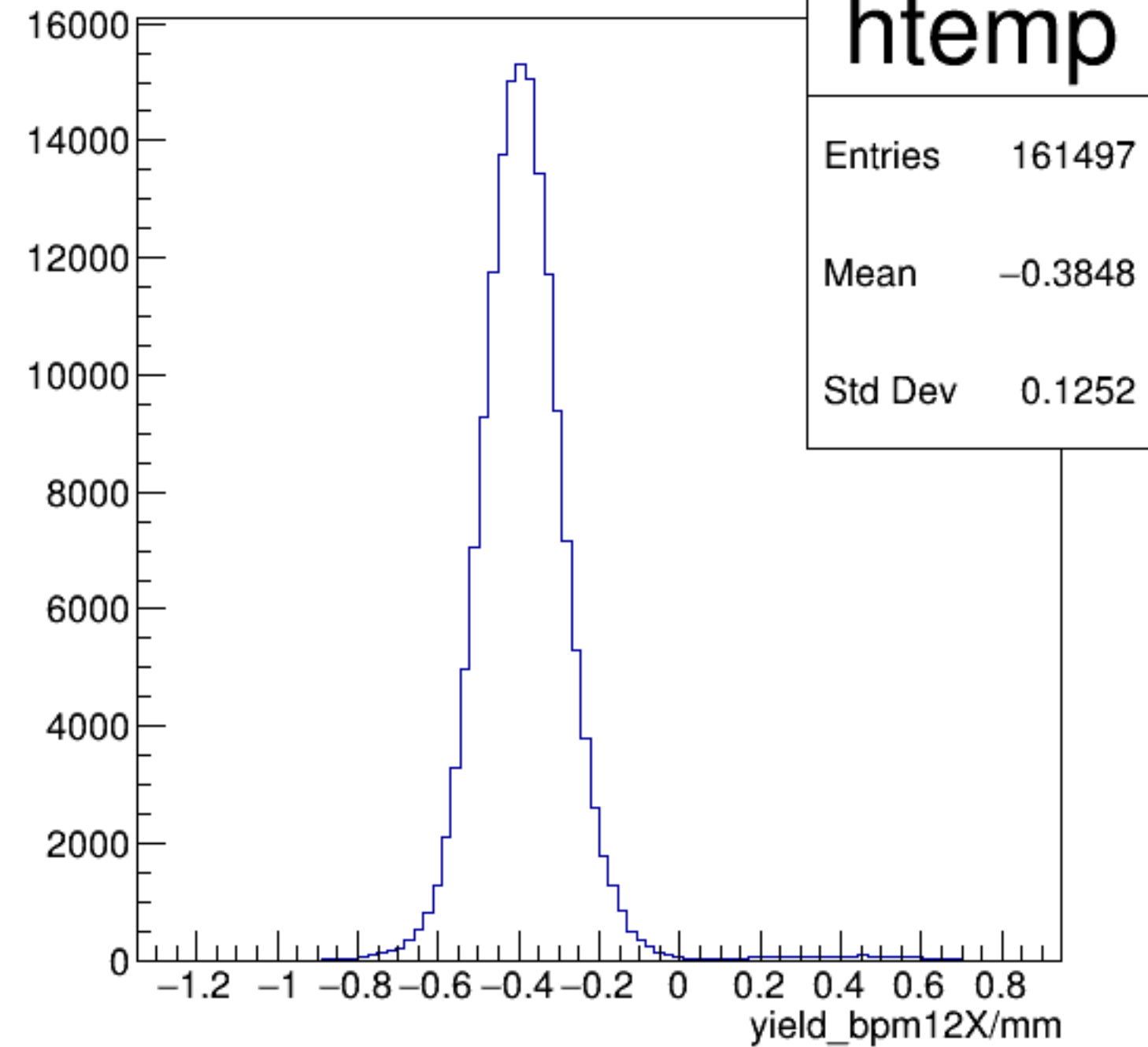


yield_bpm12X/mm:pattern_number {ErrorFlag==0}

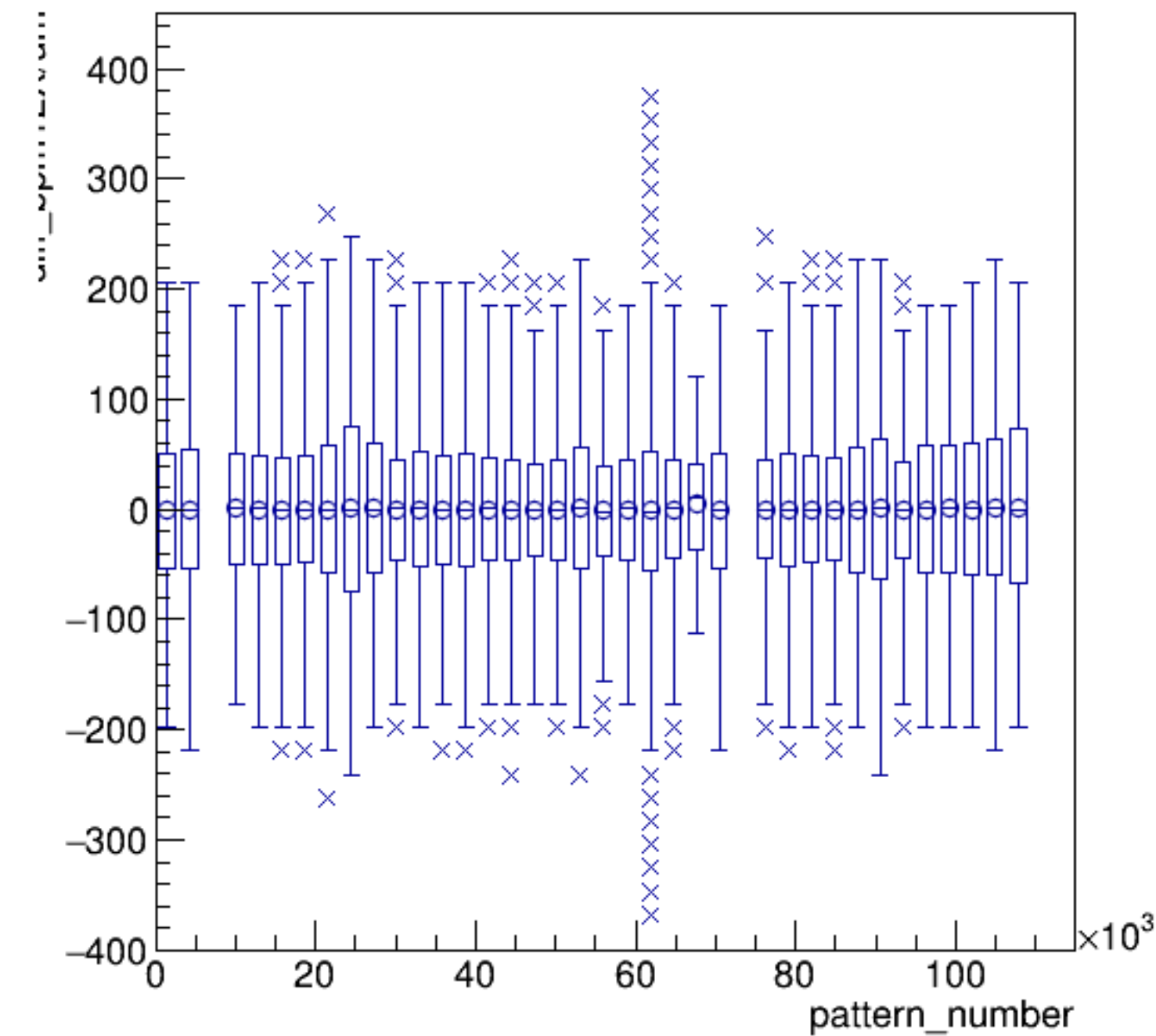


run8027_000_pairTree_bpm12X.png

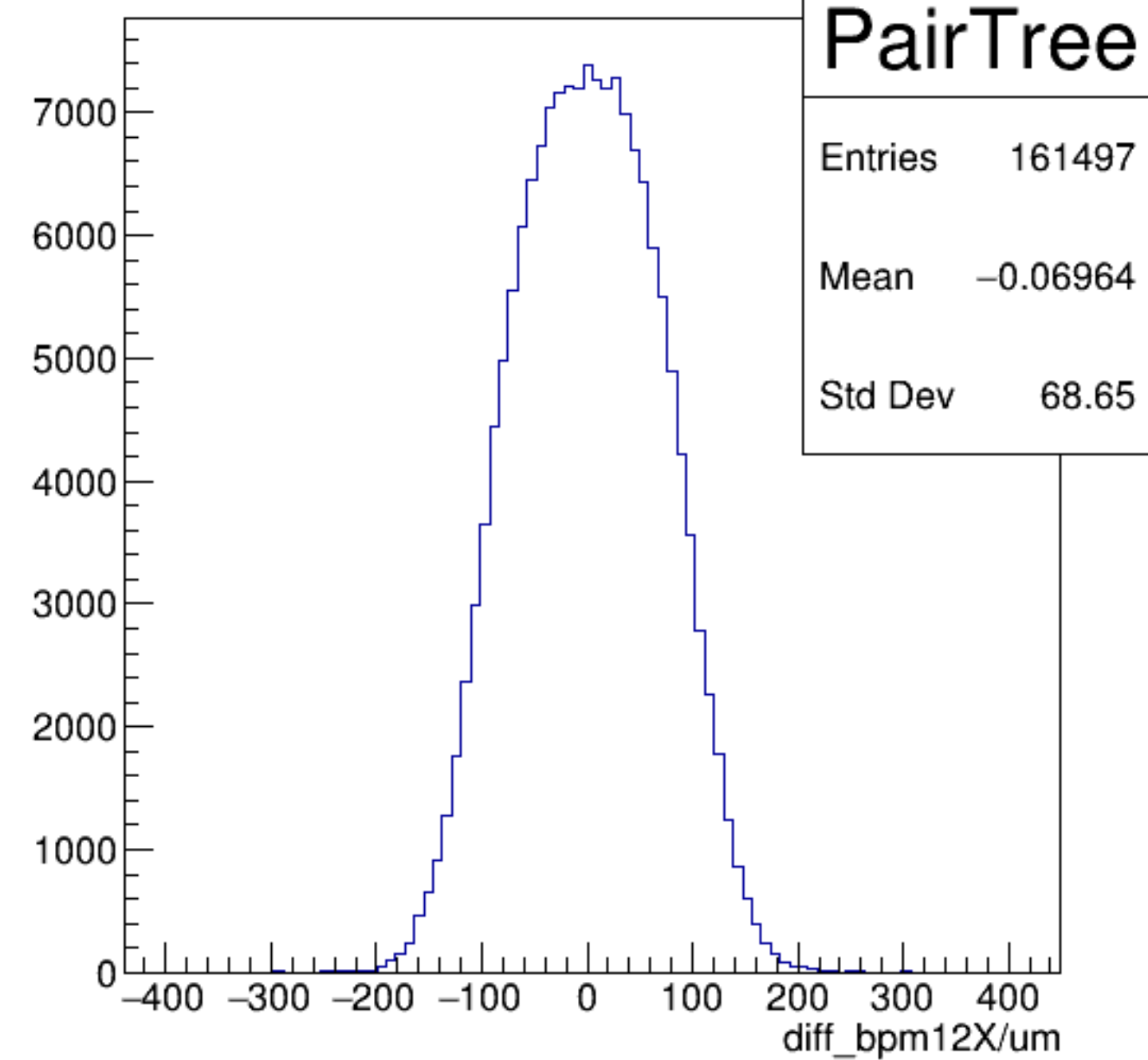
yield_bpm12X/mm {ErrorFlag==0}



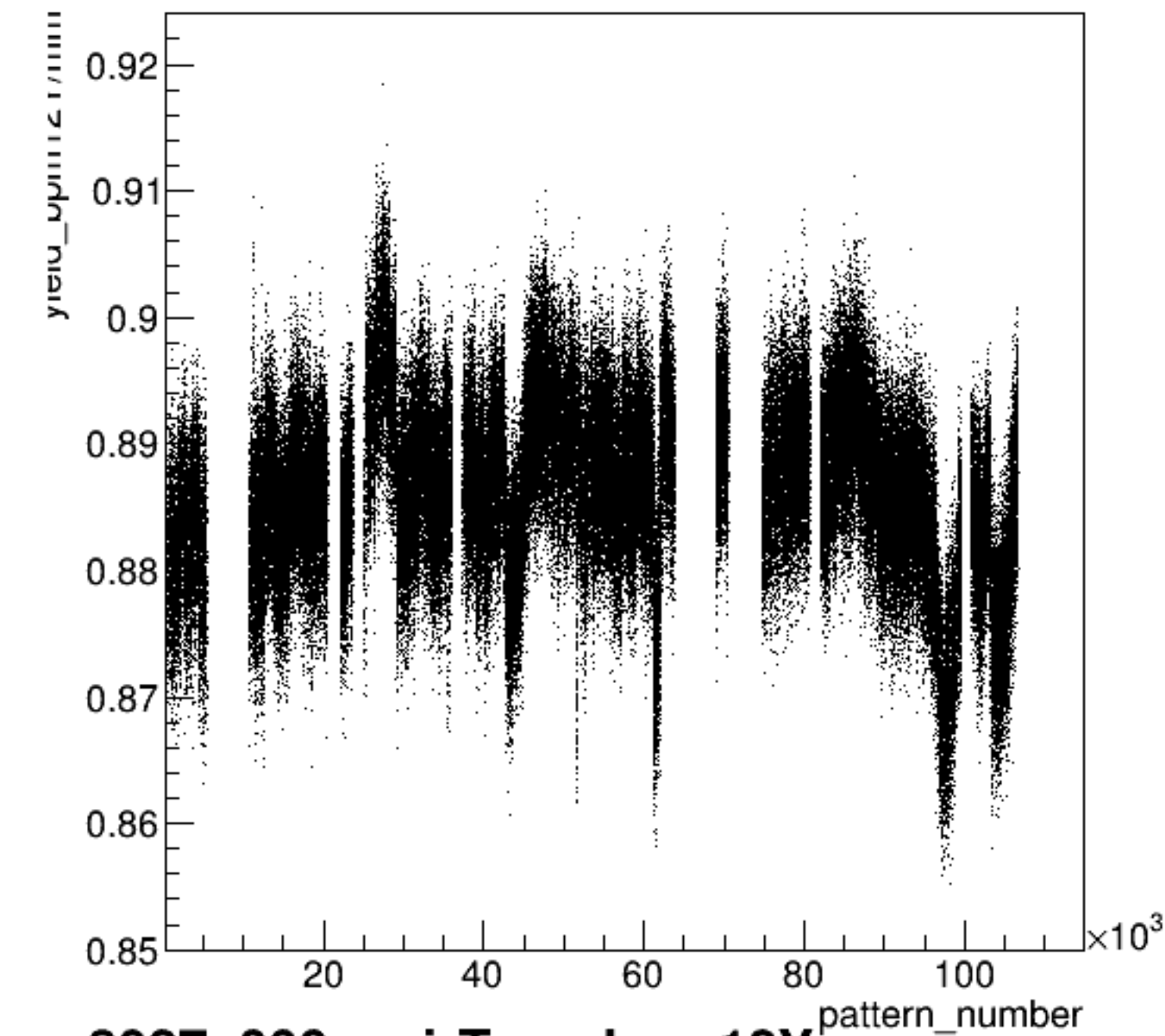
diff_bpm12X/um:pattern_number {ErrorFlag==0}



diff_bpm12X/um {ErrorFlag==0}

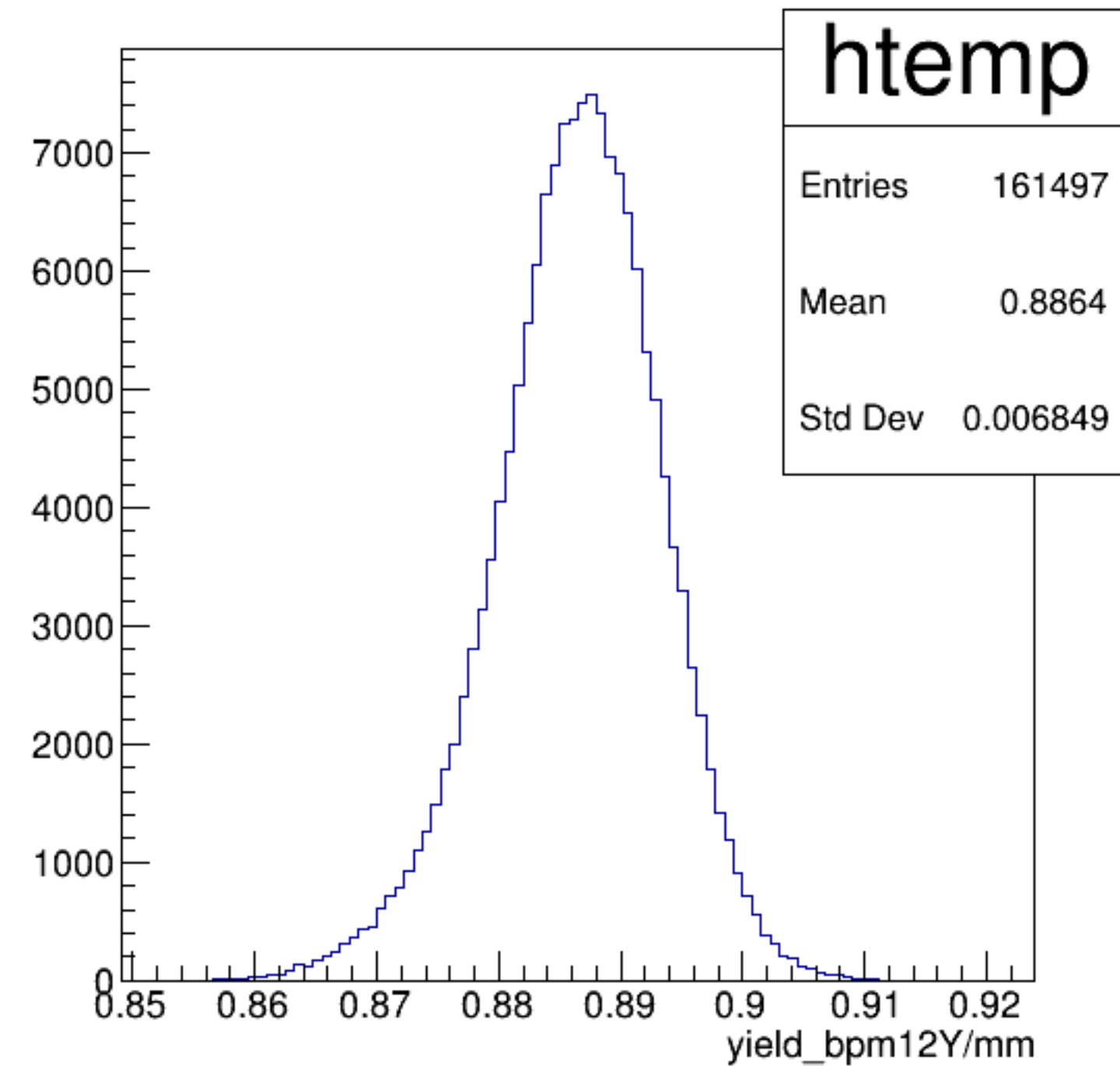


yield_bpm12Y/mm:pattern_number {ErrorFlag==0}

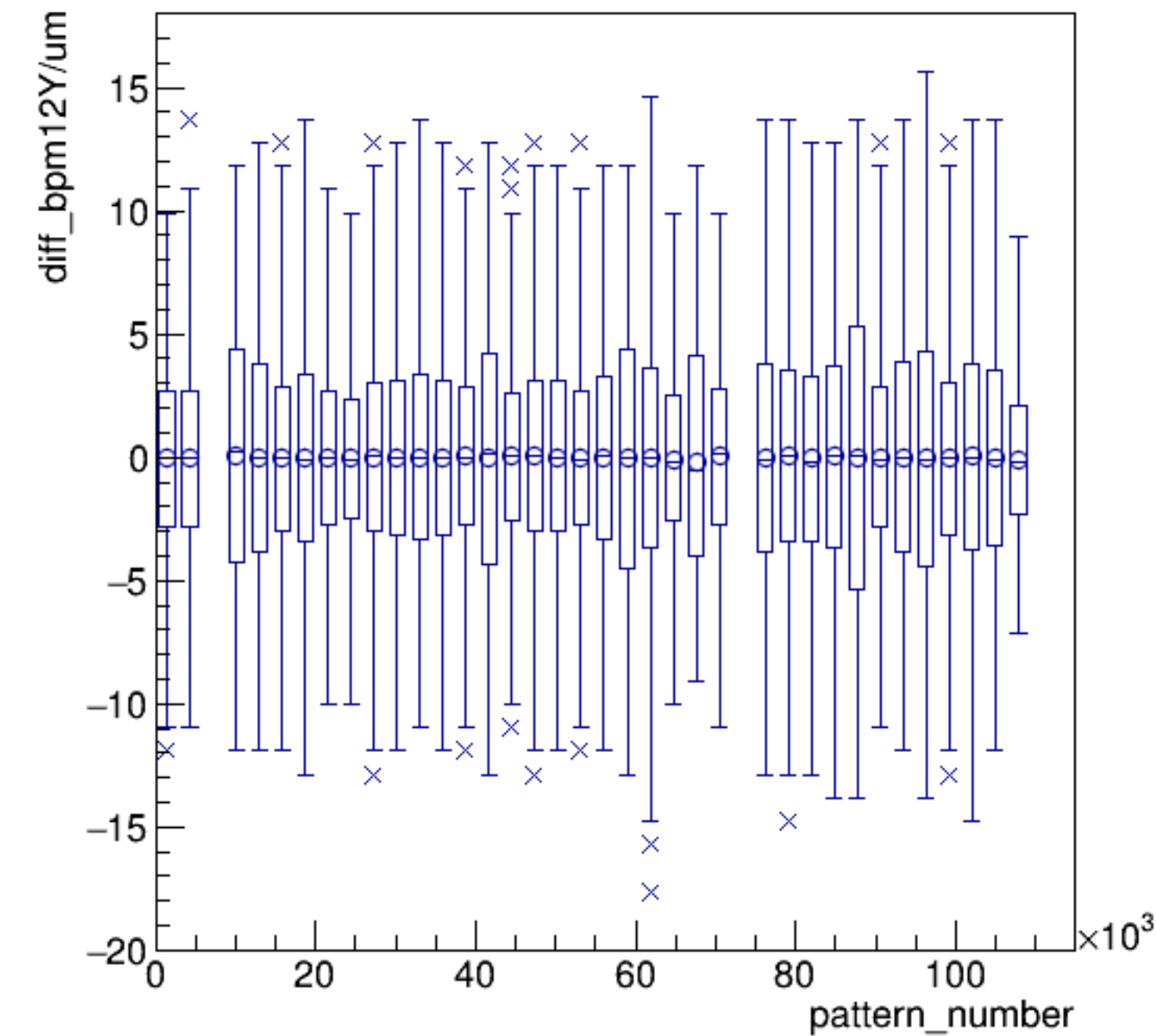


run8027_000_pairTree_bpm12Y.png

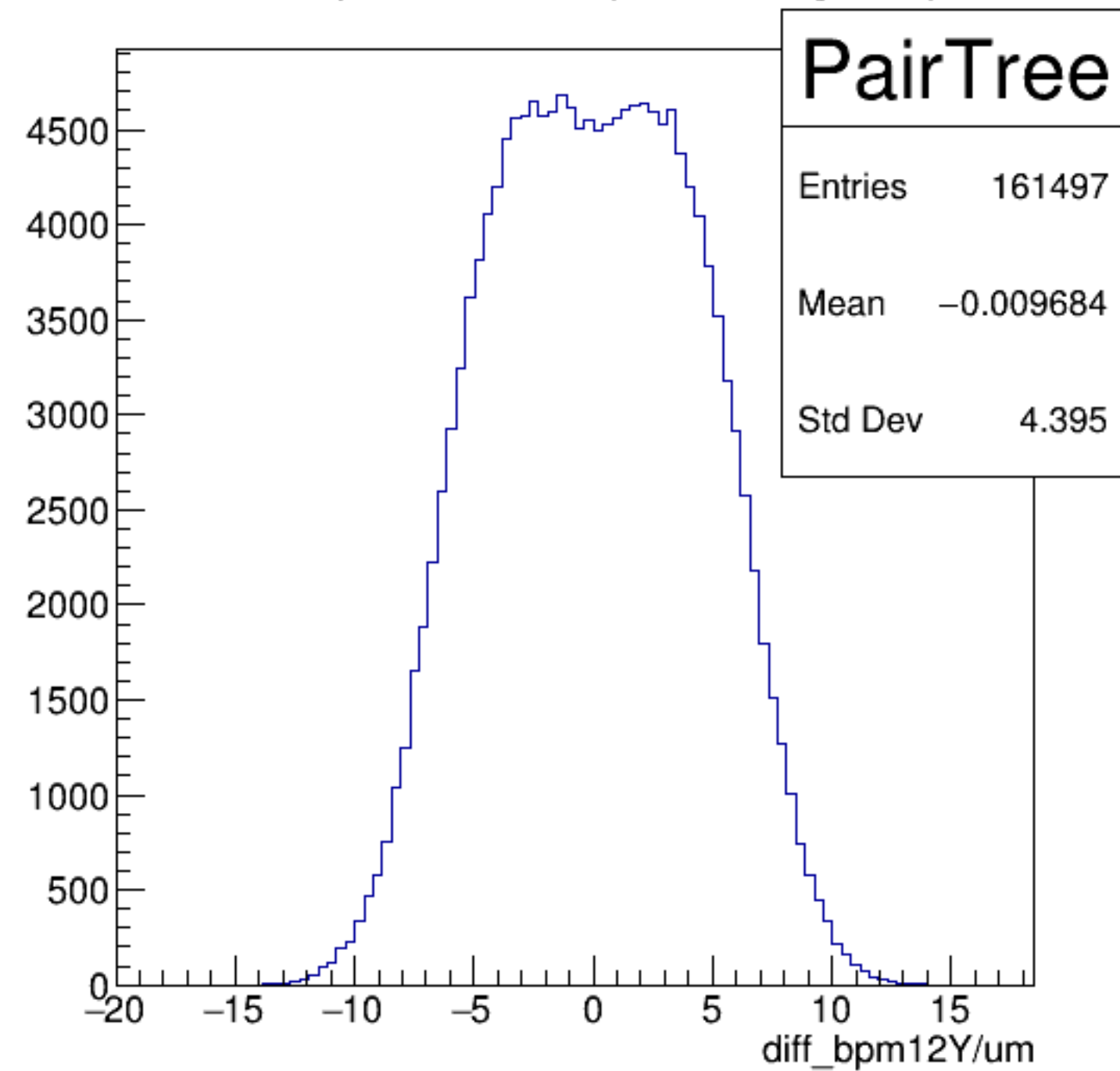
yield_bpm12Y/mm {ErrorFlag==0}



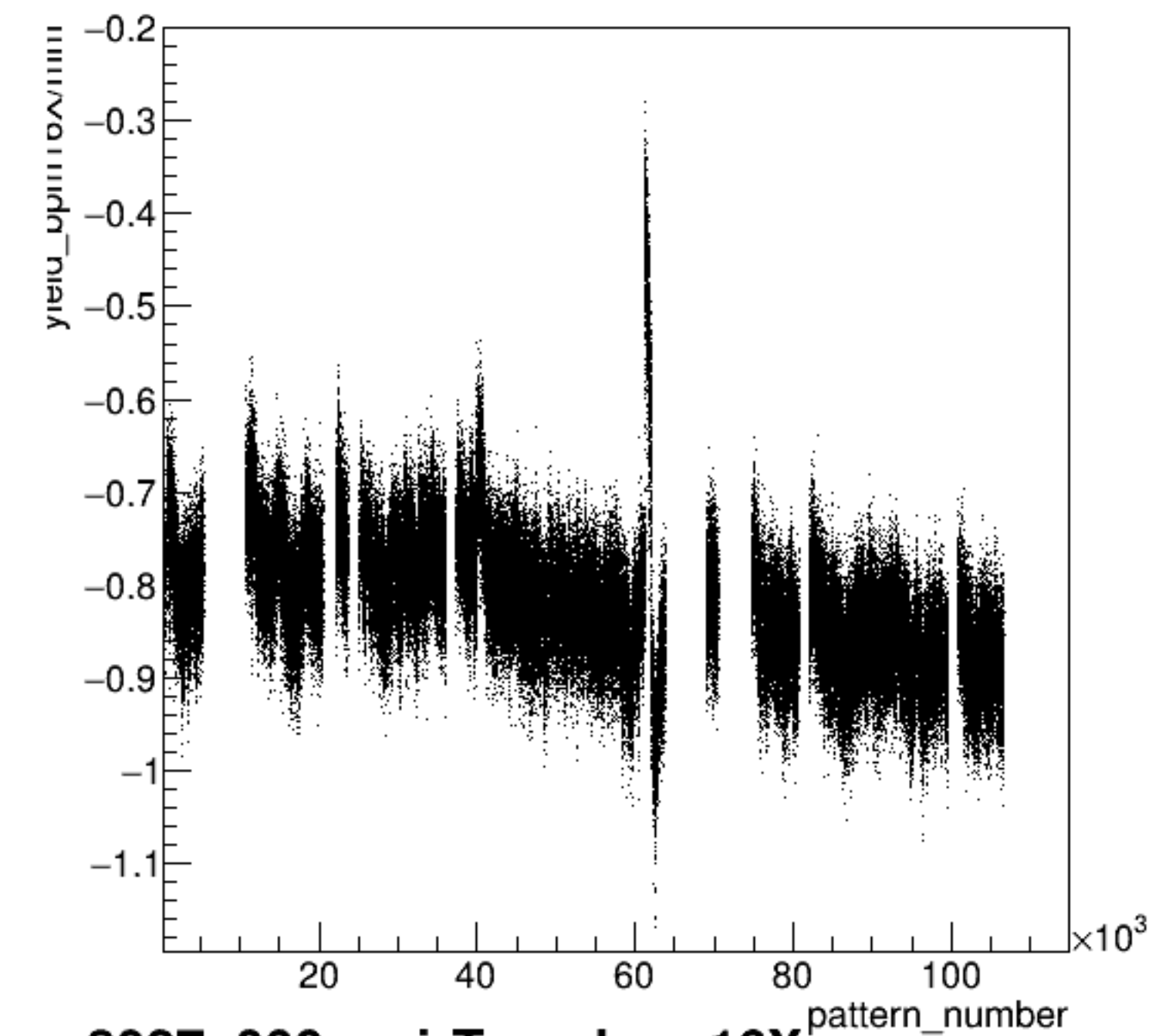
diff_bpm12Y/um:pattern_number {ErrorFlag==0}



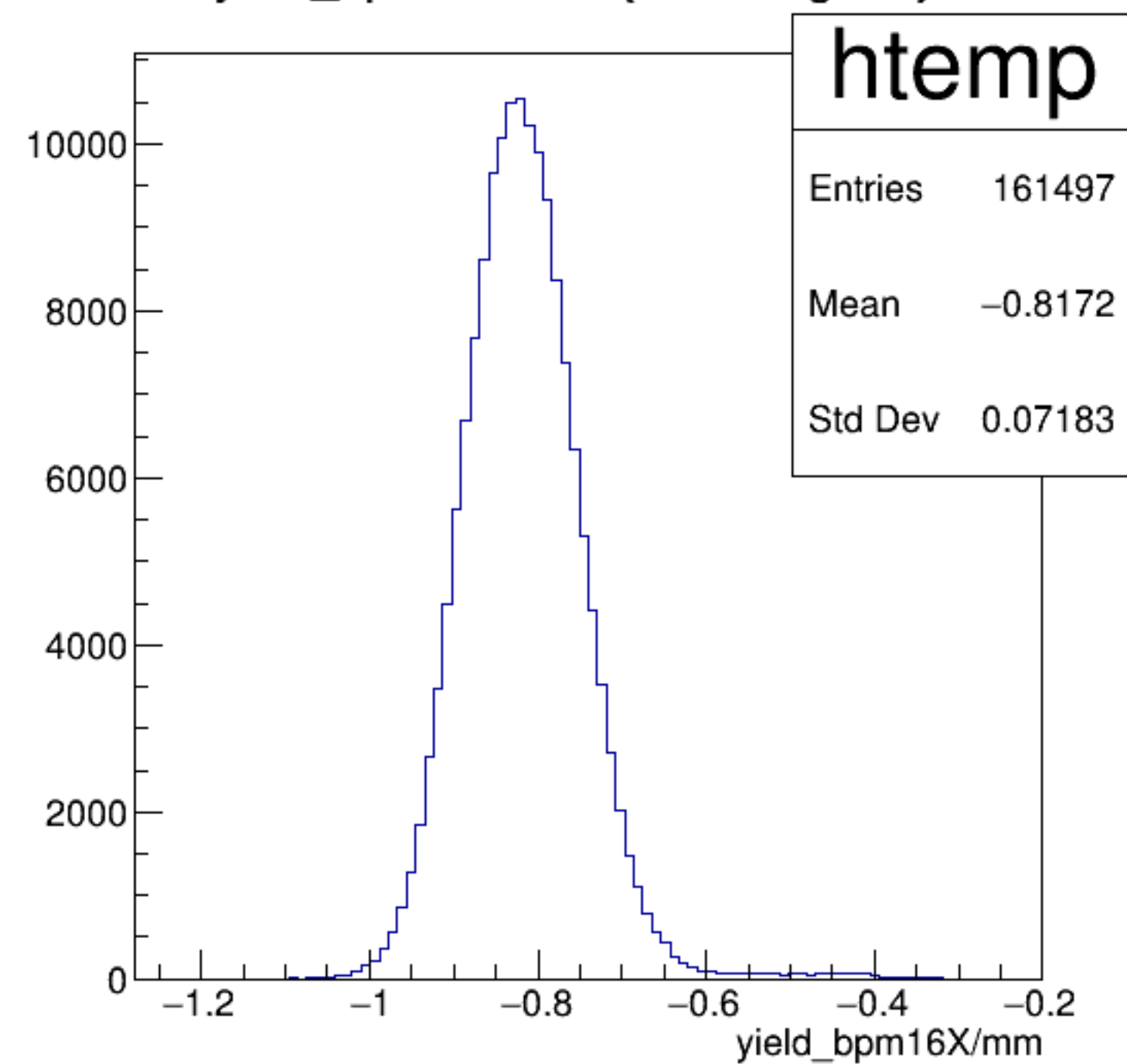
diff_bpm12Y/um {ErrorFlag==0}



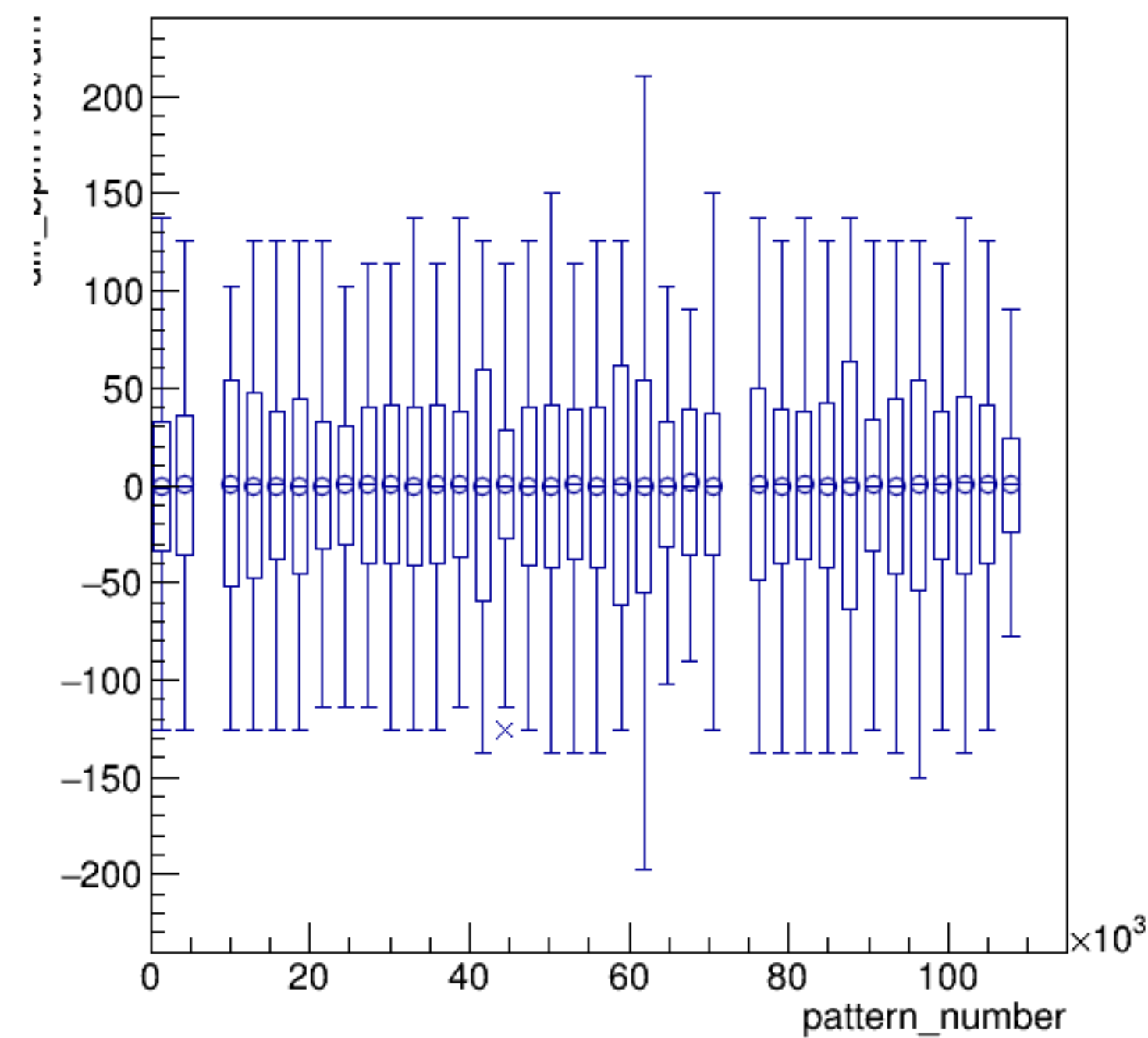
yield_bpm16X/mm:pattern_number {ErrorFlag==0}



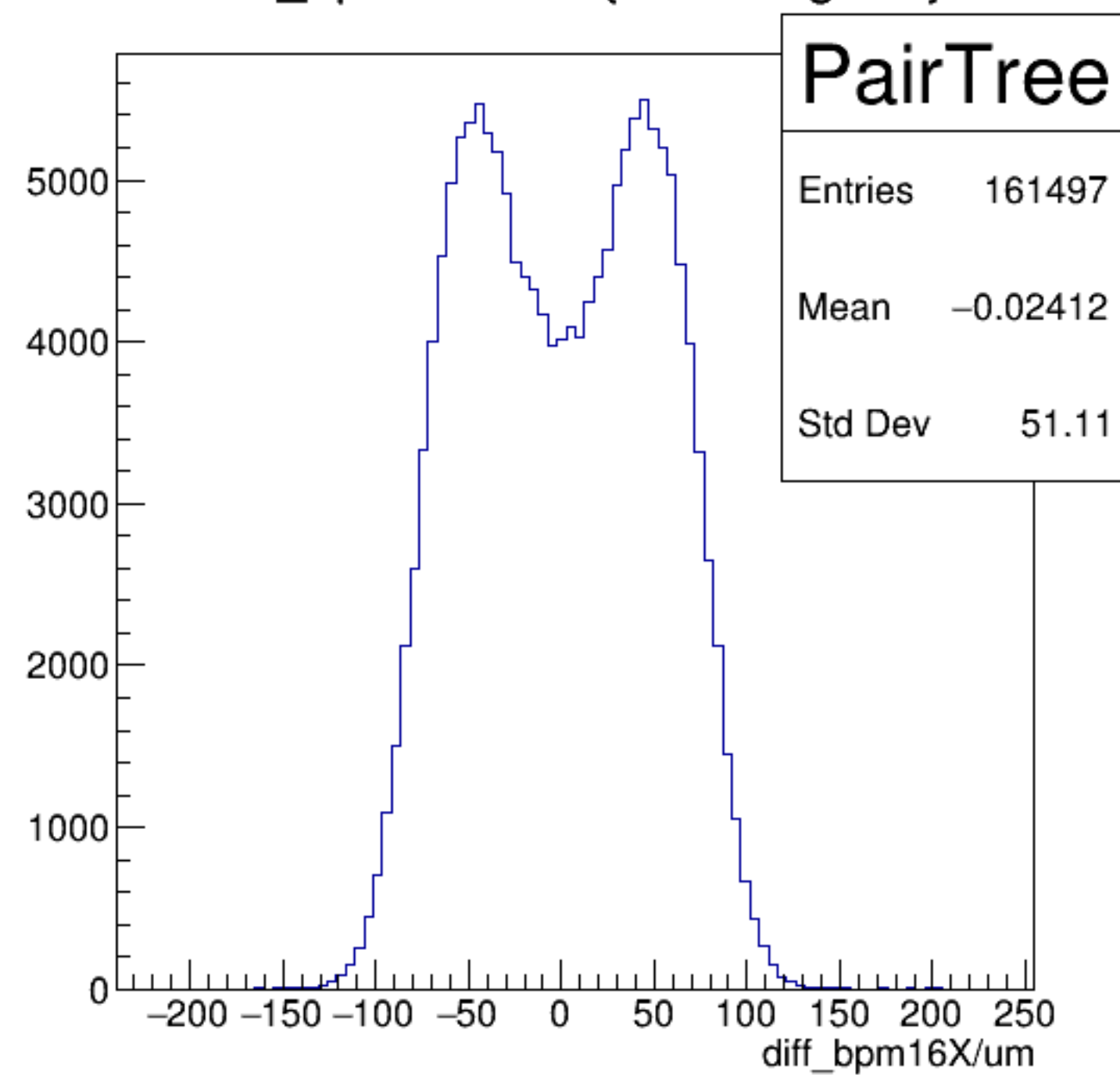
yield_bpm16X/mm {ErrorFlag==0}



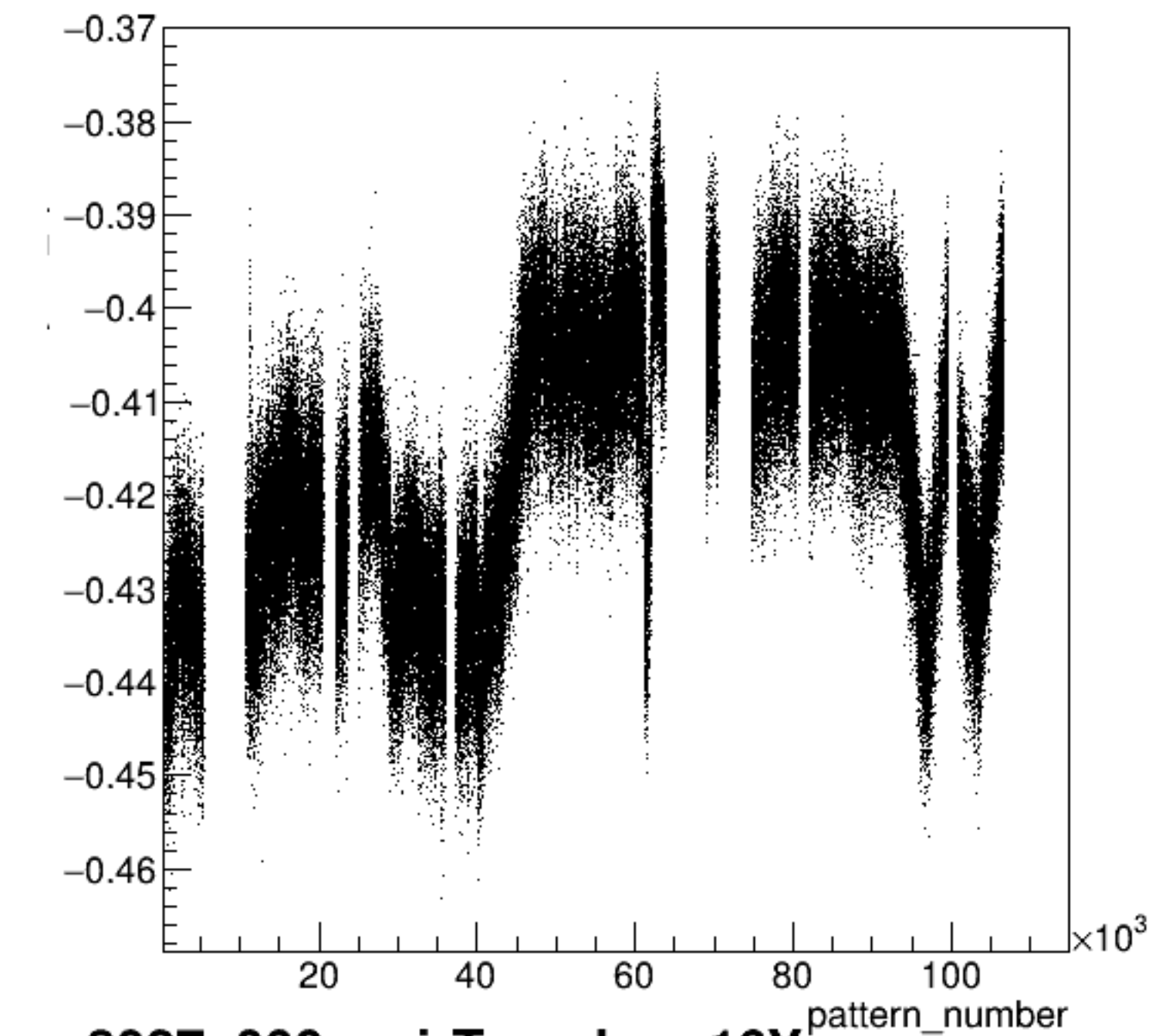
diff_bpm16X/um:pattern_number {ErrorFlag==0}



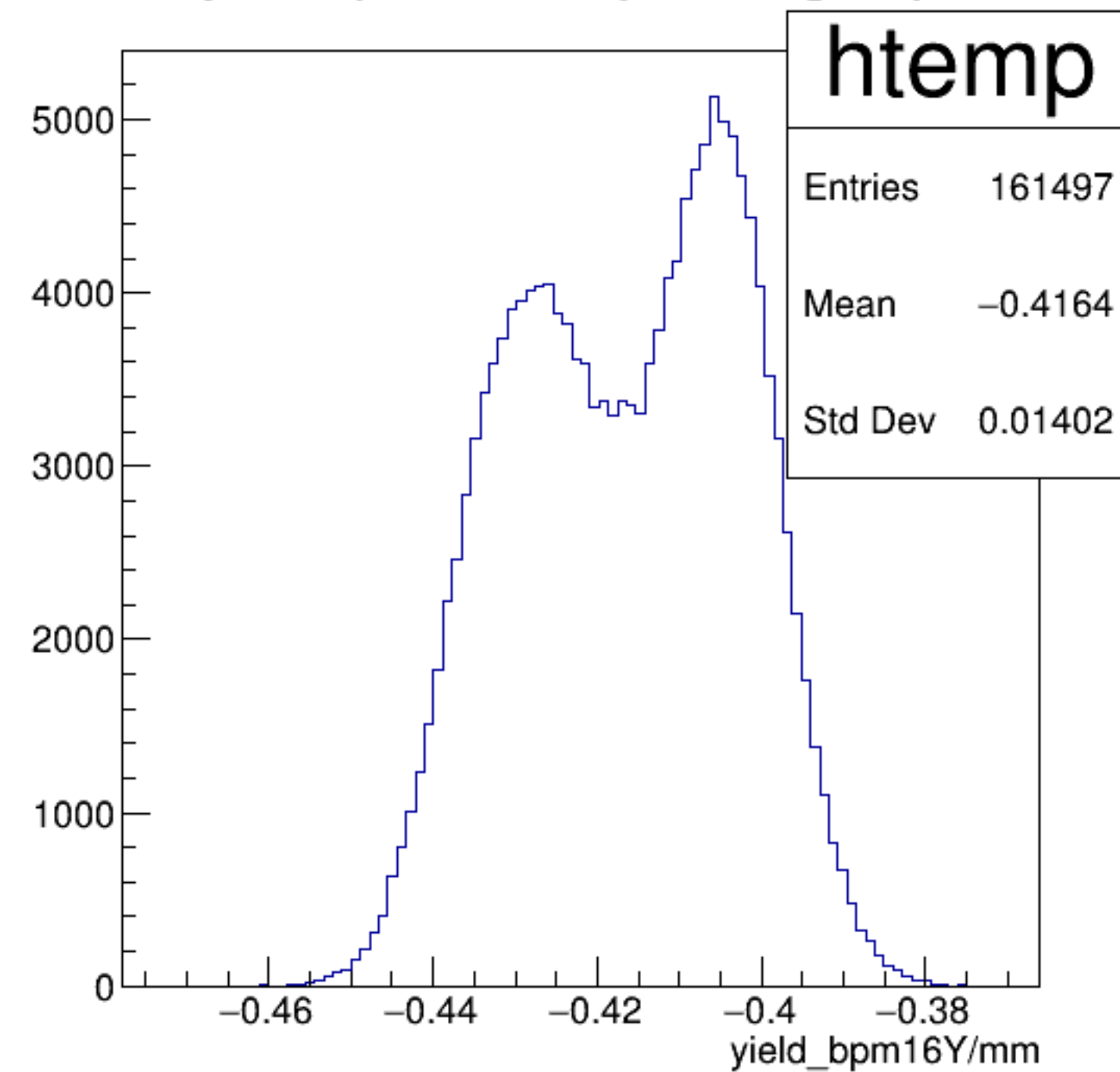
diff_bpm16X/um {ErrorFlag==0}



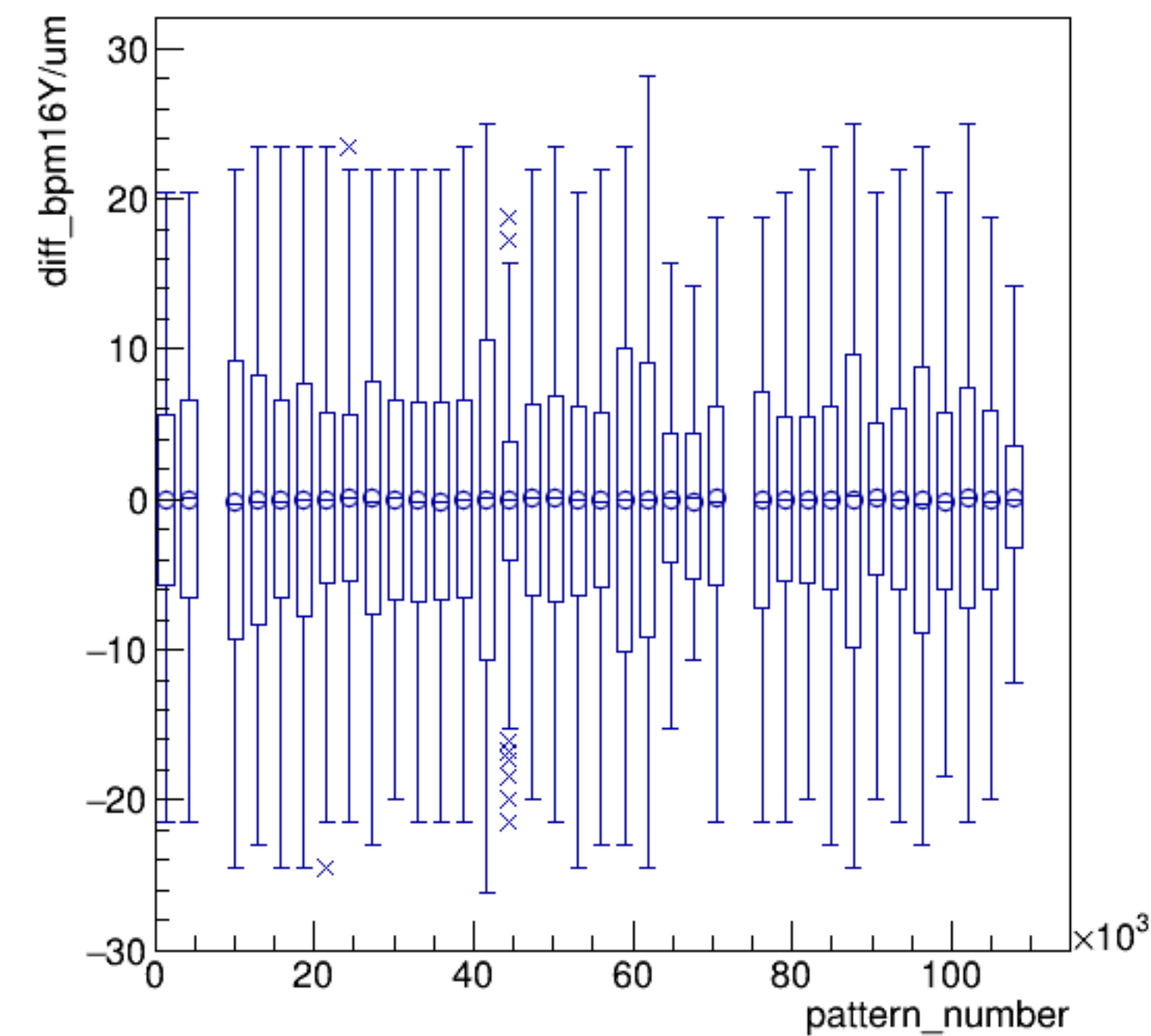
yield_bpm16Y/mm:pattern_number {ErrorFlag==0}



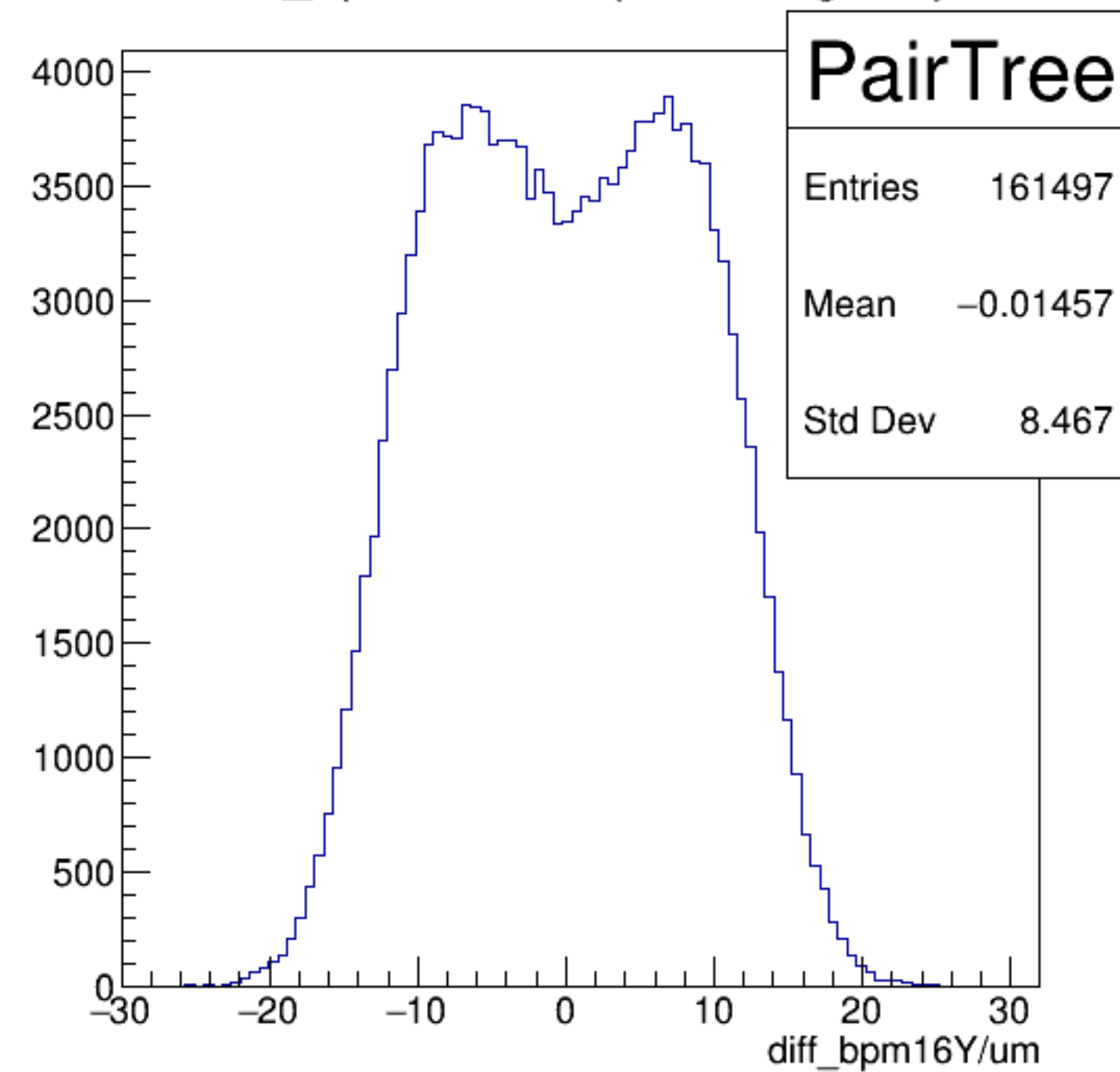
yield_bpm16Y/mm {ErrorFlag==0}



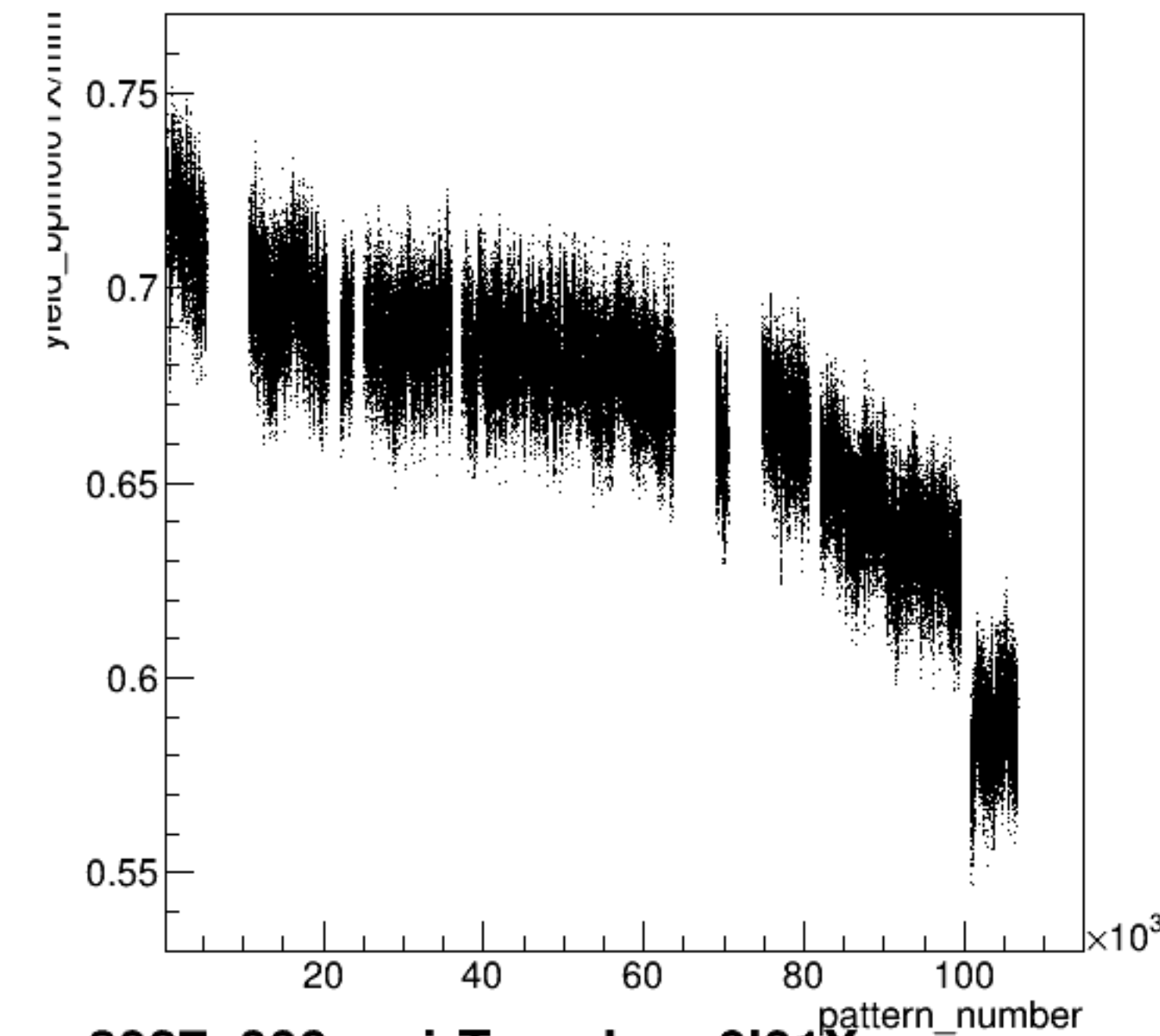
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



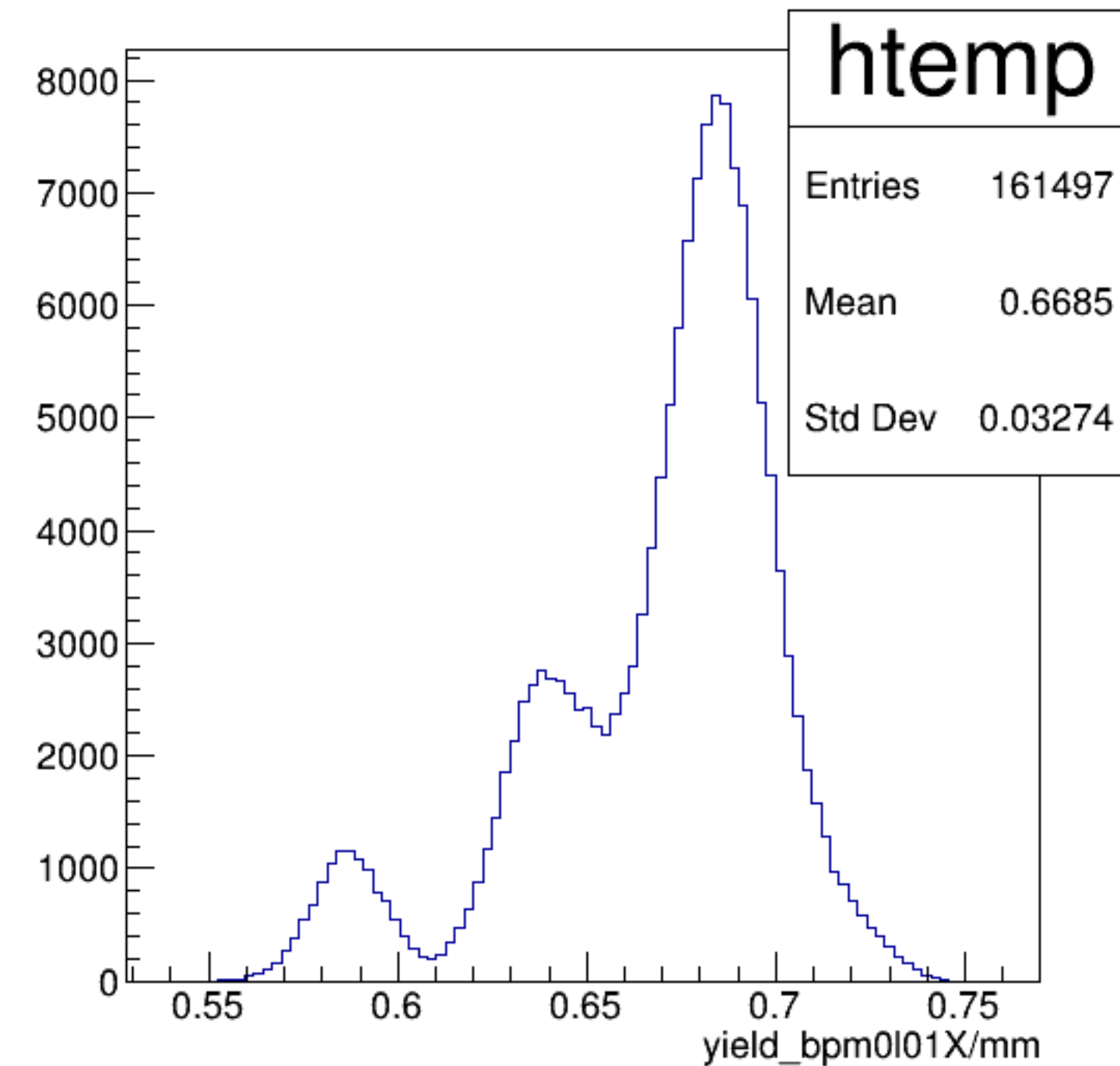
diff_bpm16Y/um {ErrorFlag==0}



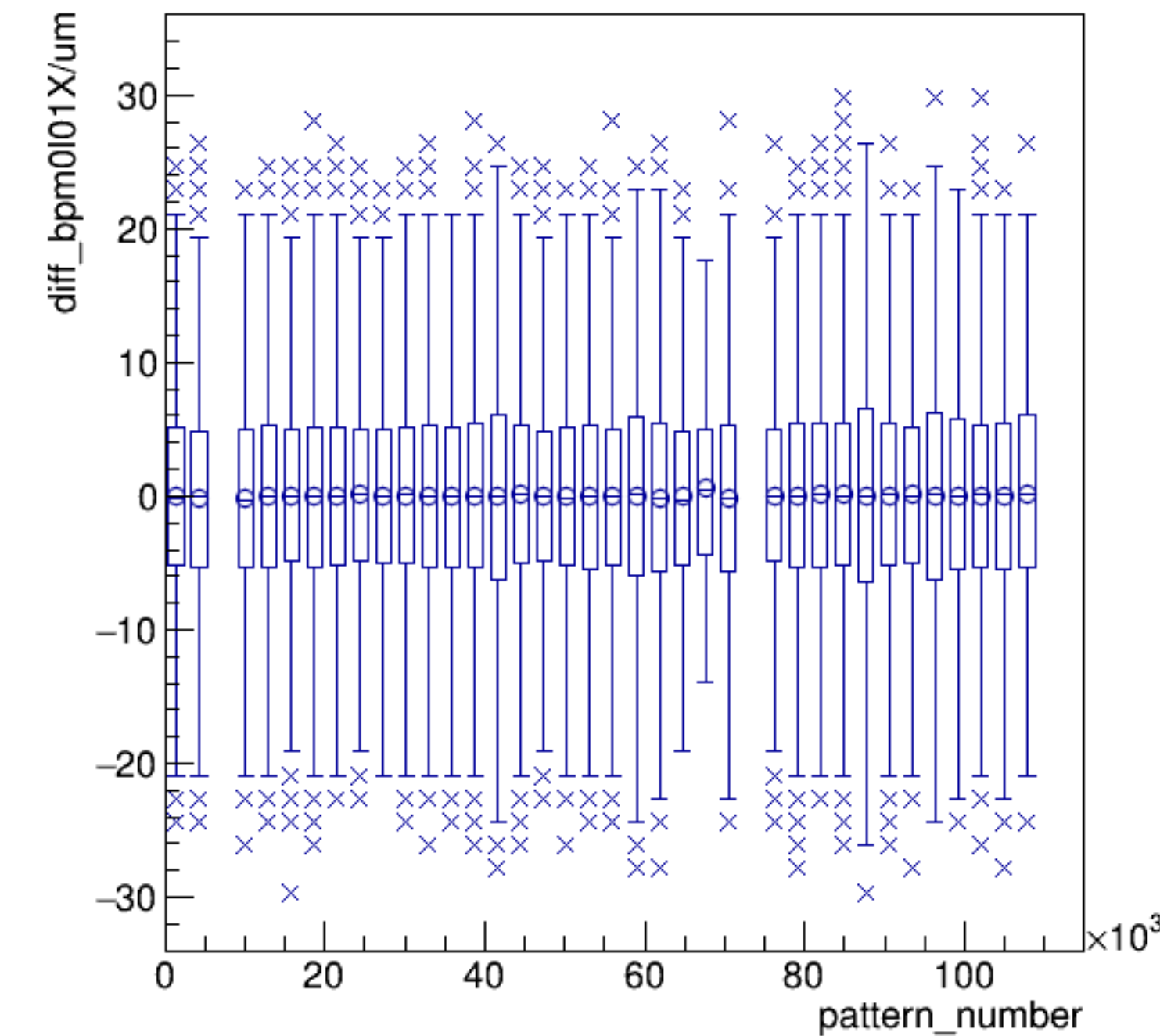
yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}



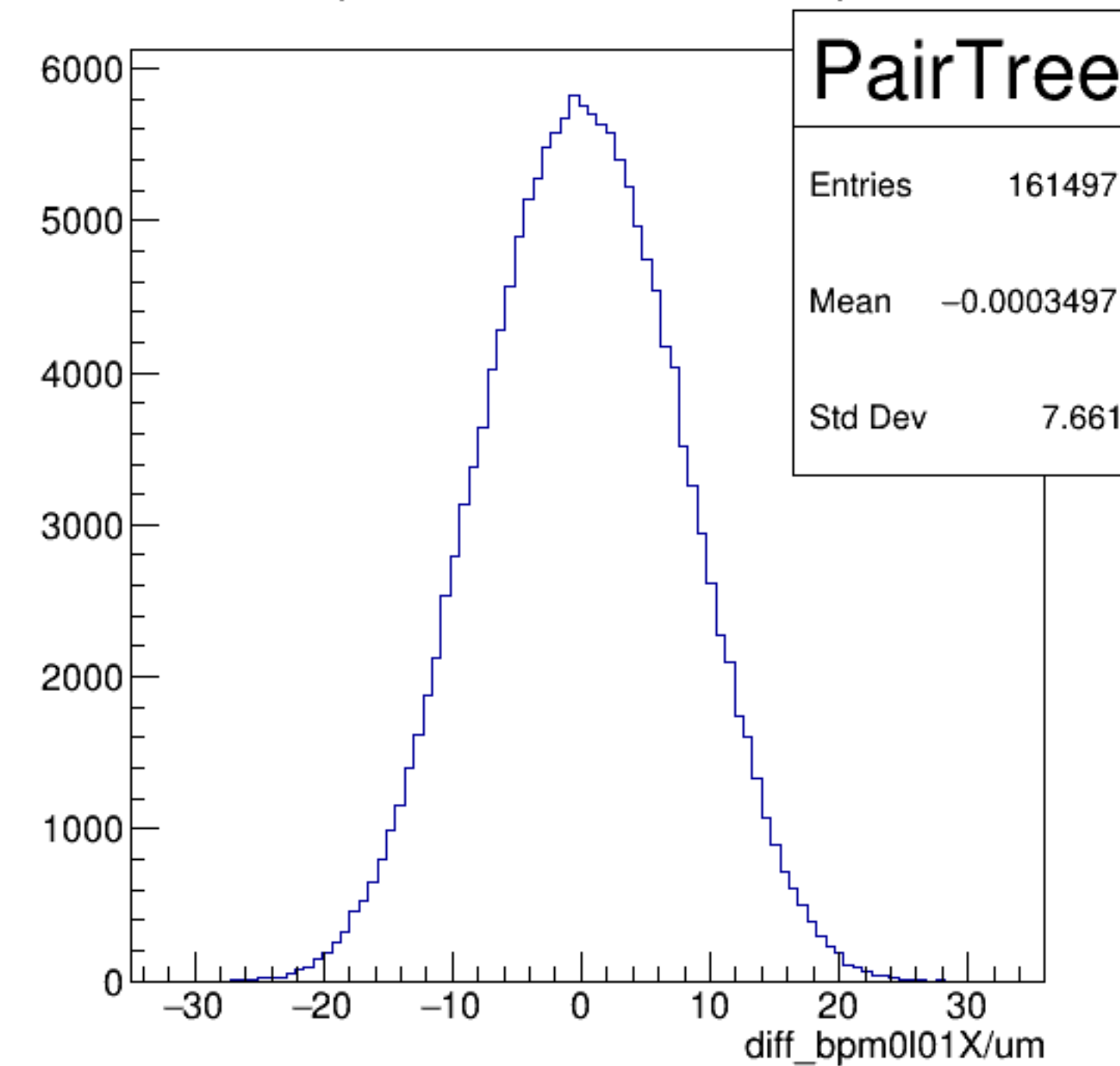
yield_bpm0l01X/mm {ErrorFlag==0}



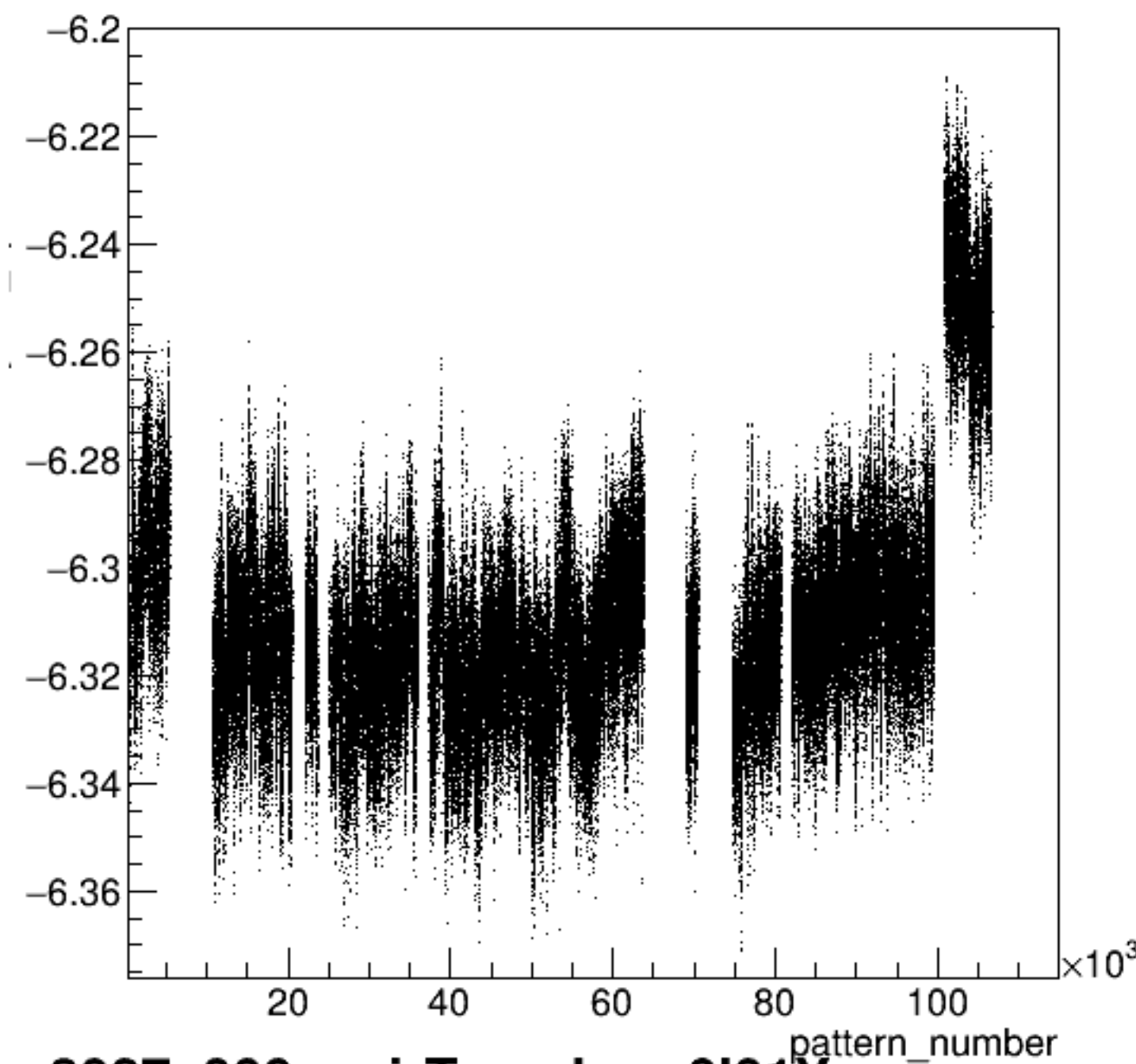
diff_bpm0l01X/um:pattern_number {ErrorFlag==0}



diff_bpm0l01X/um {ErrorFlag==0}

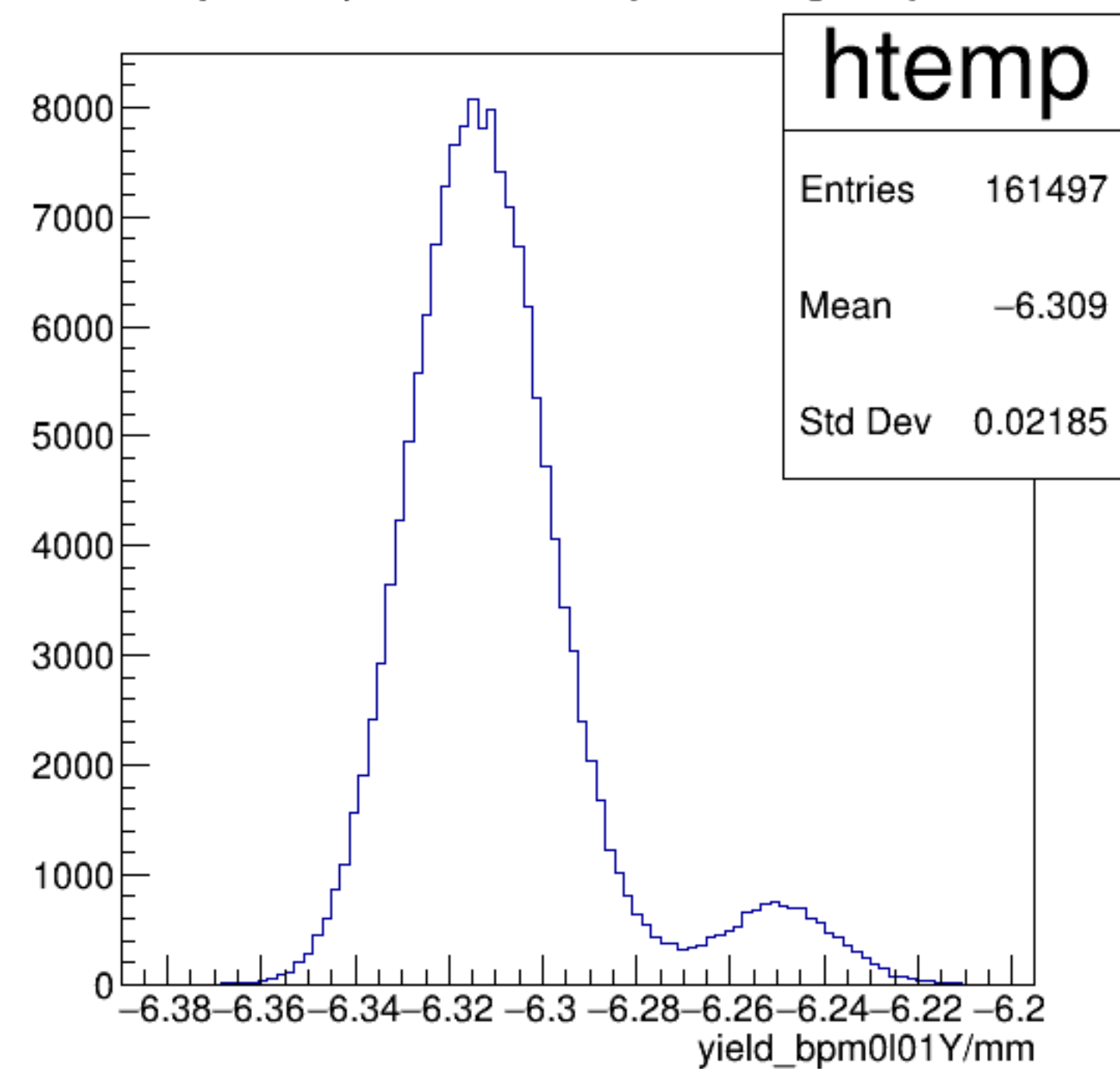


yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}

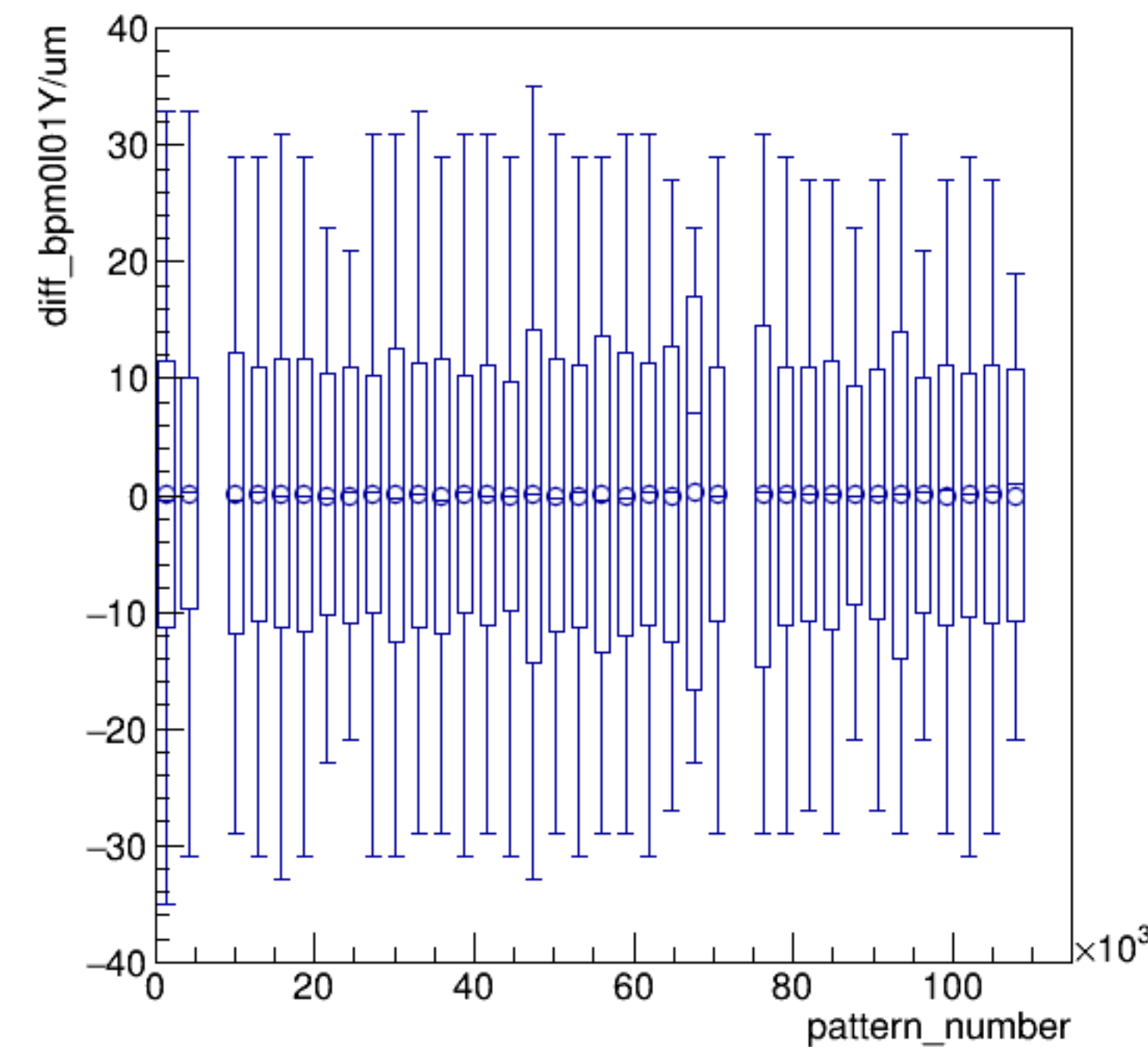


run8027_000_pairTree_bpm0l01Y.png

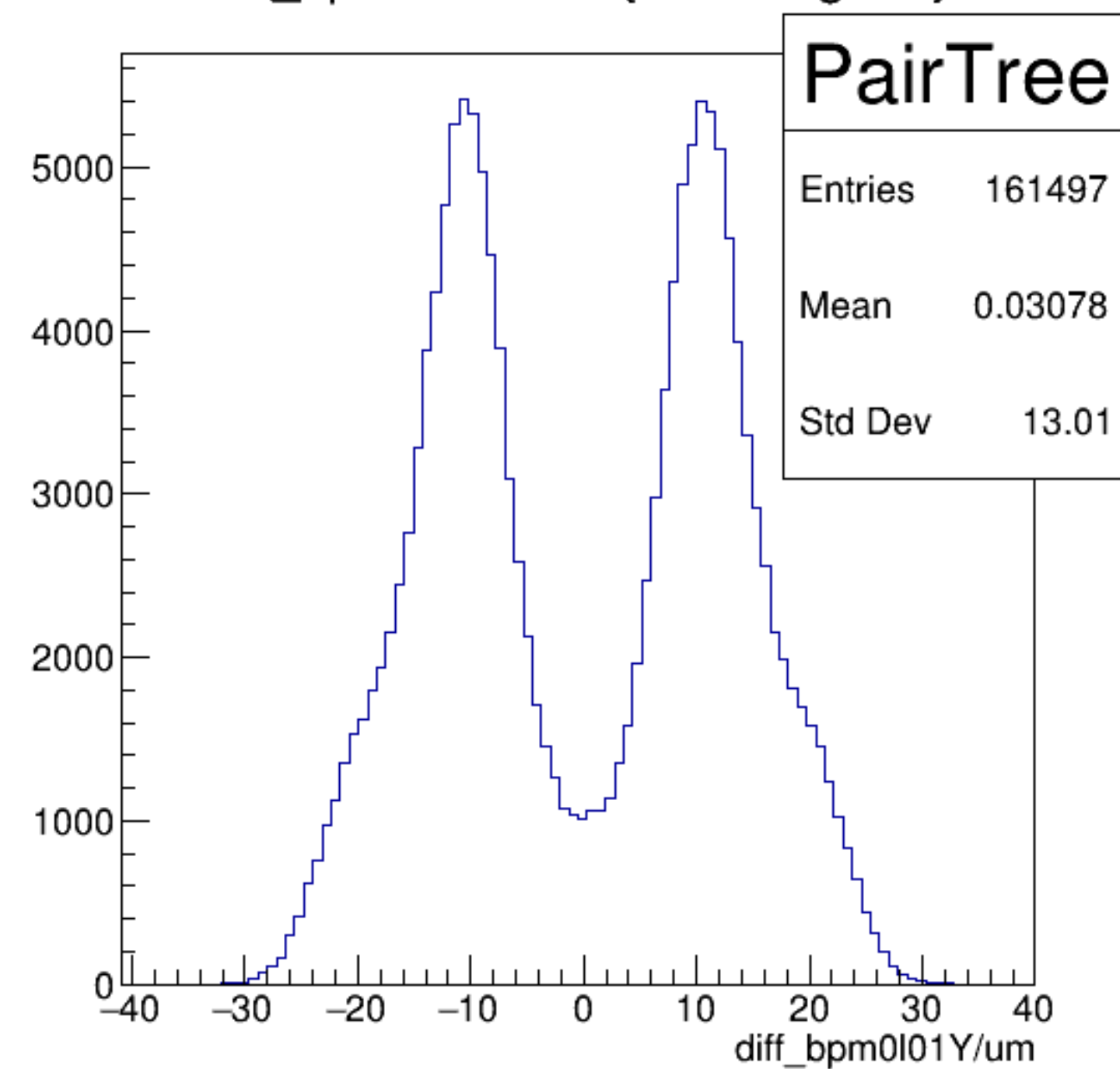
yield_bpm0l01Y/mm {ErrorFlag==0}



diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}

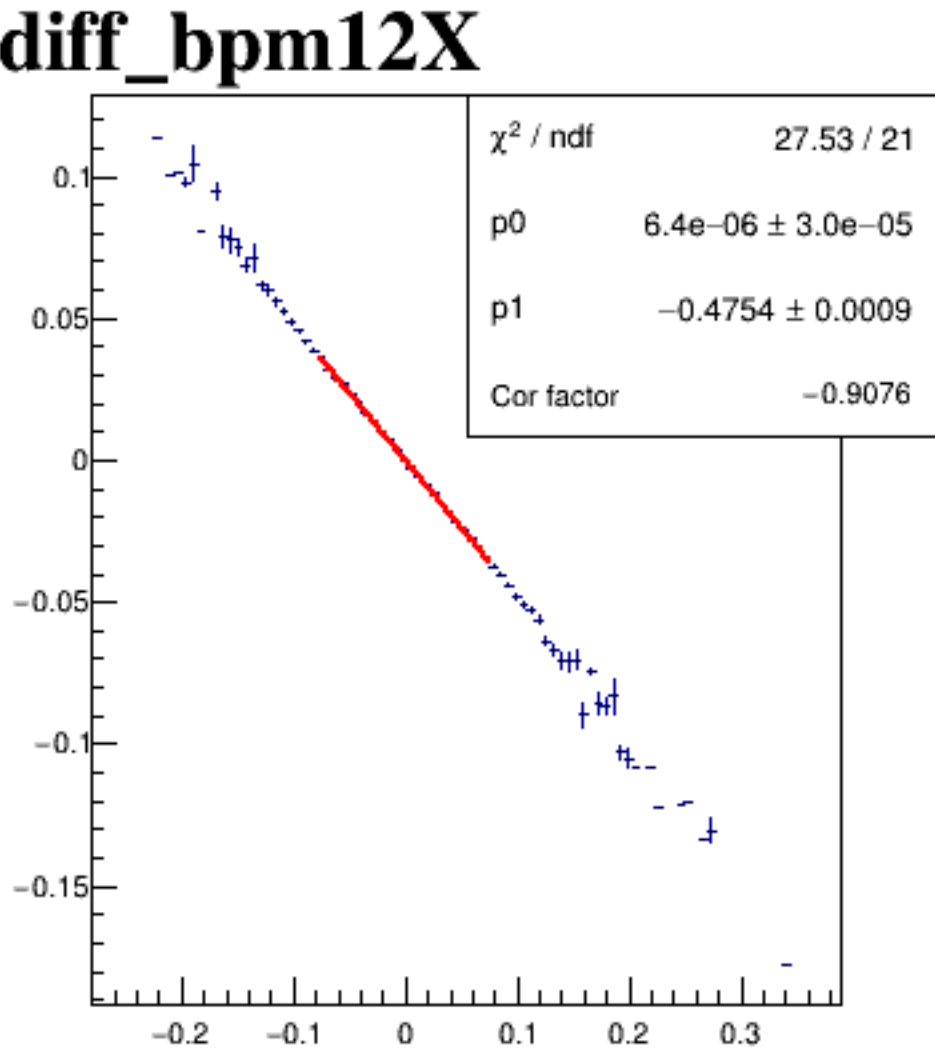
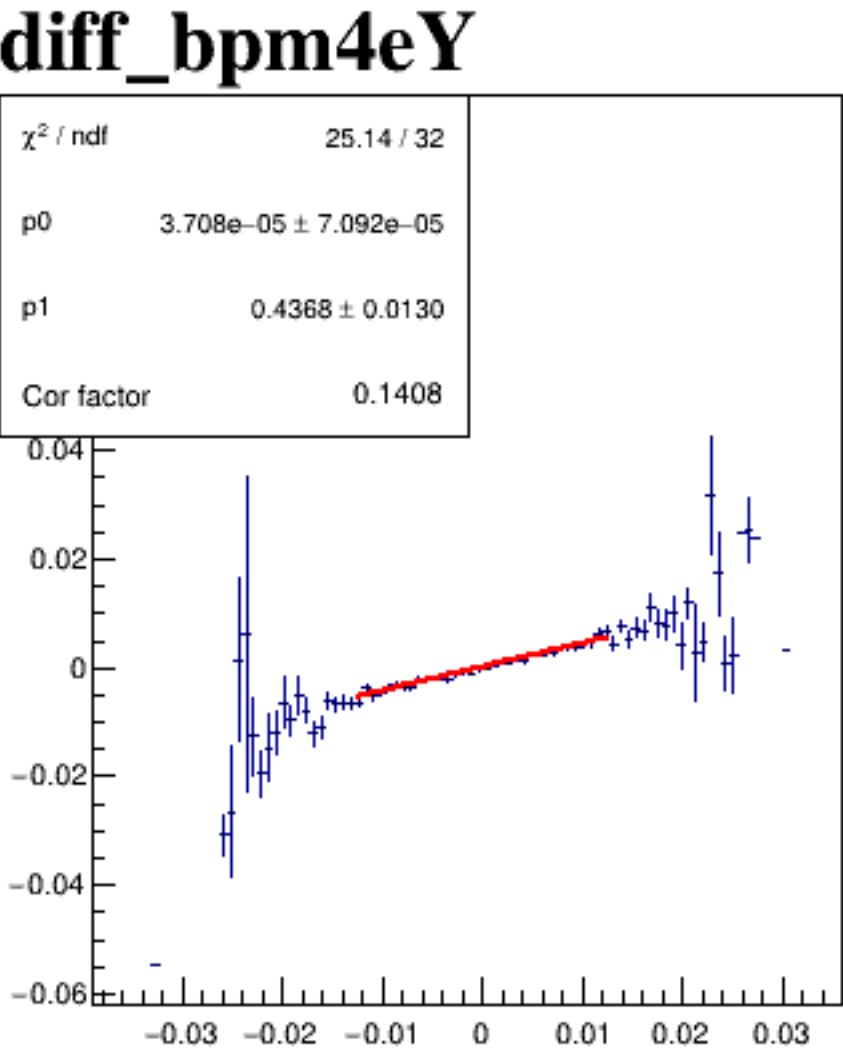
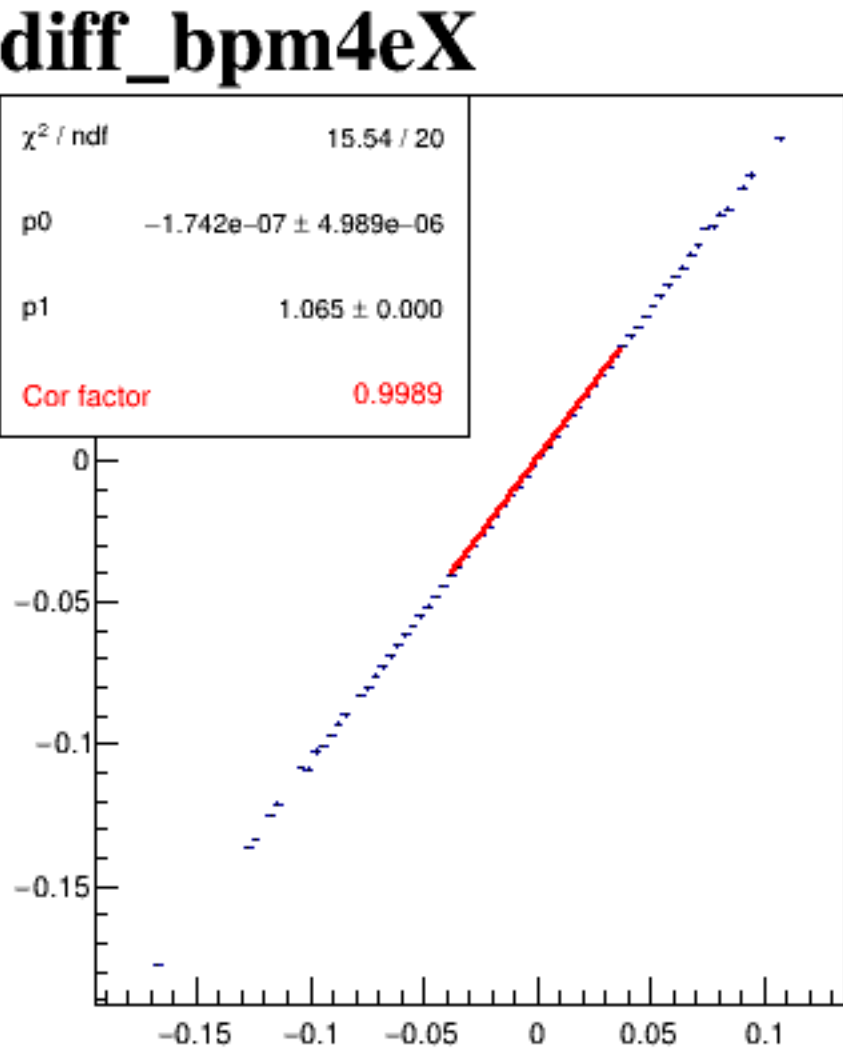
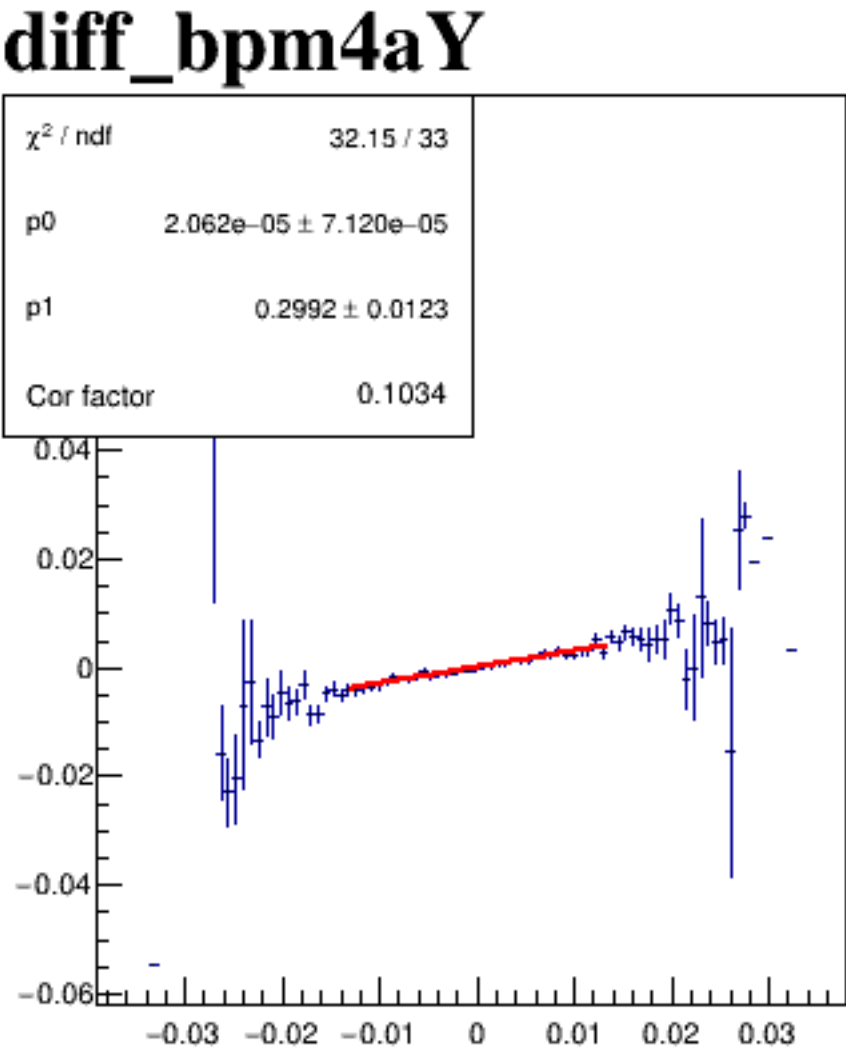
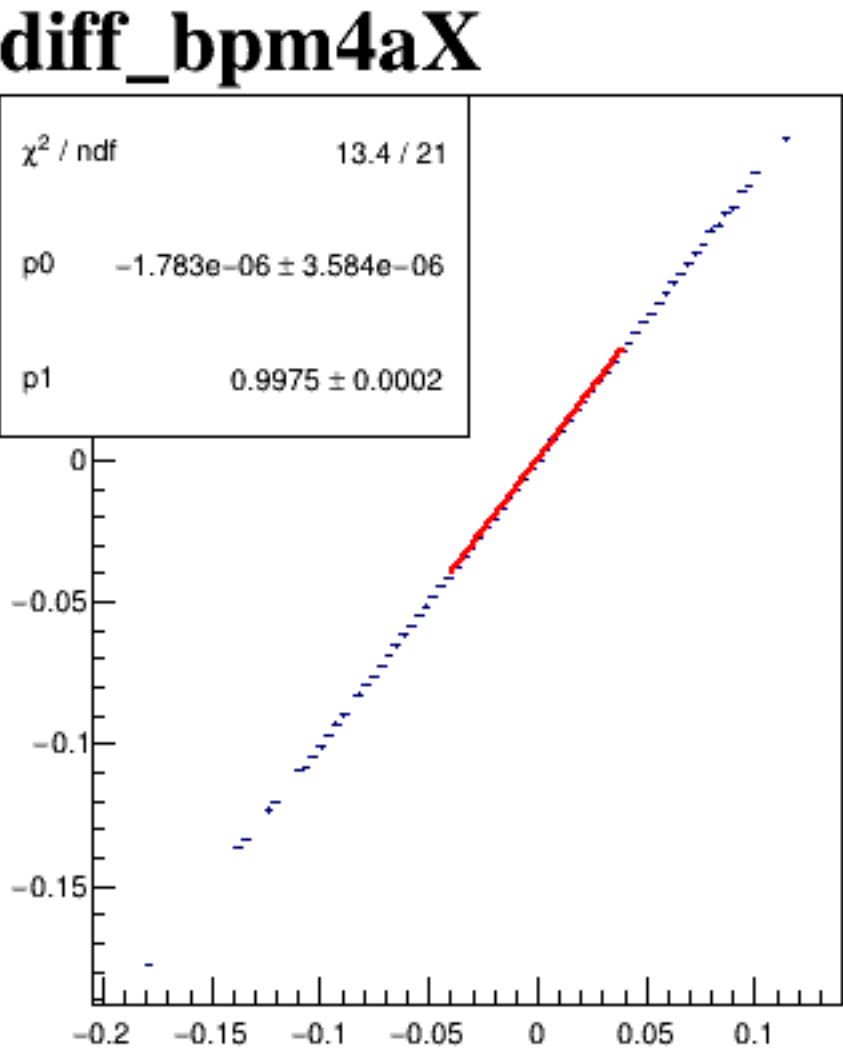


diff_bpm0l01Y/um {ErrorFlag==0}

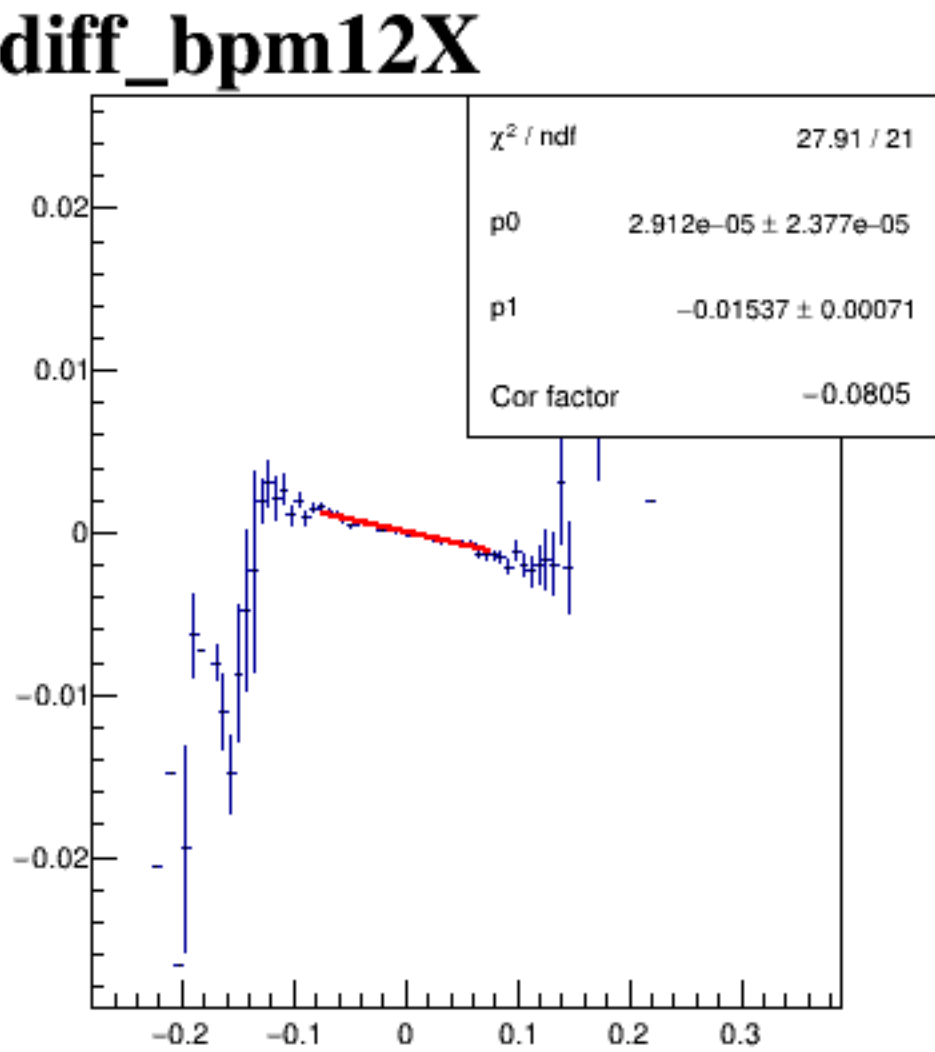
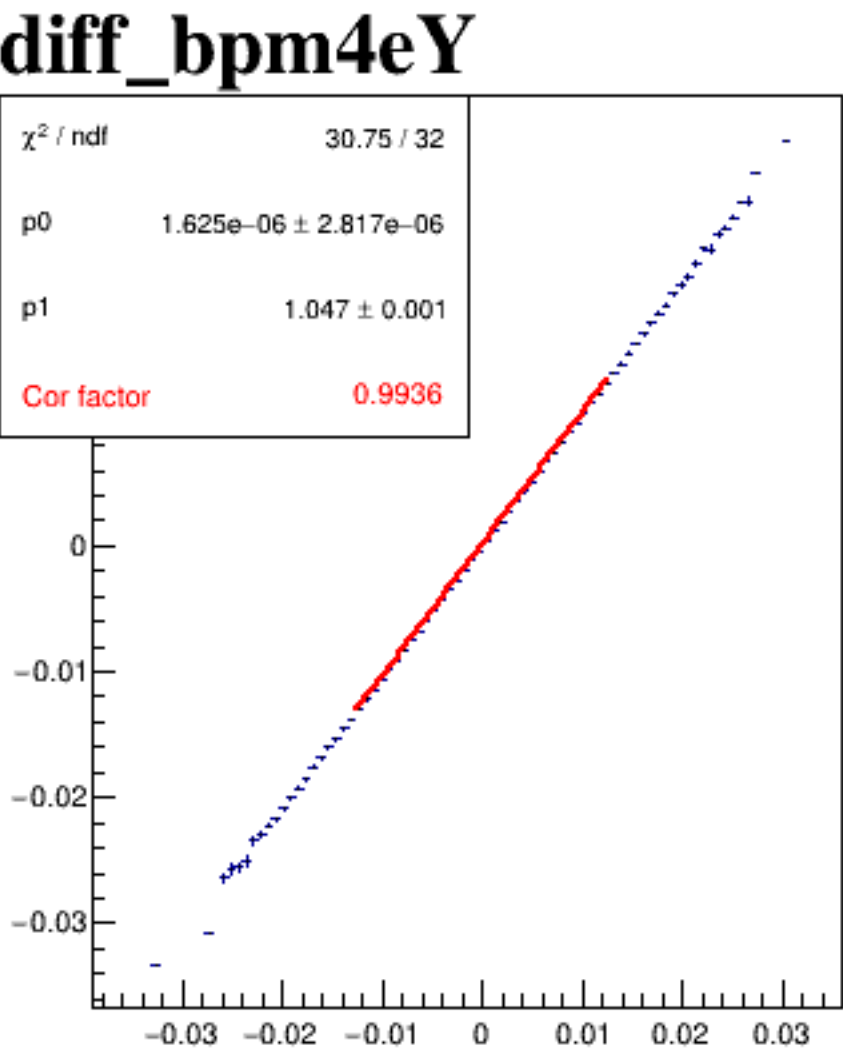
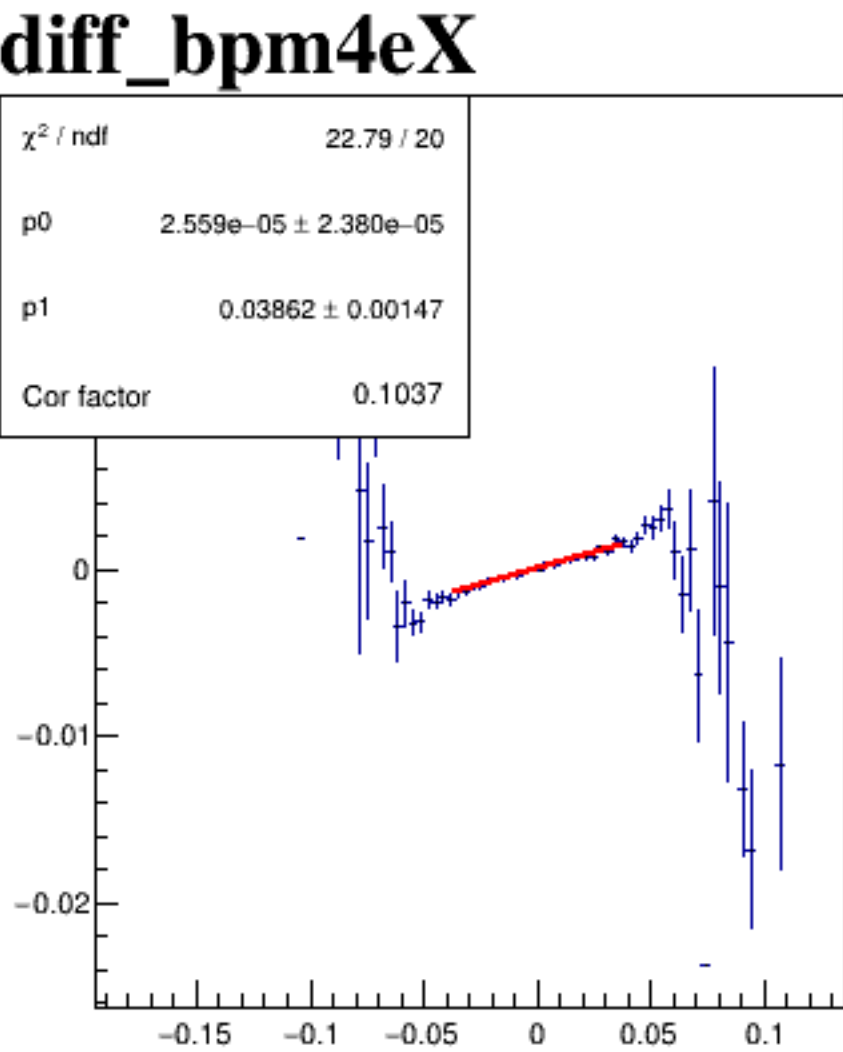
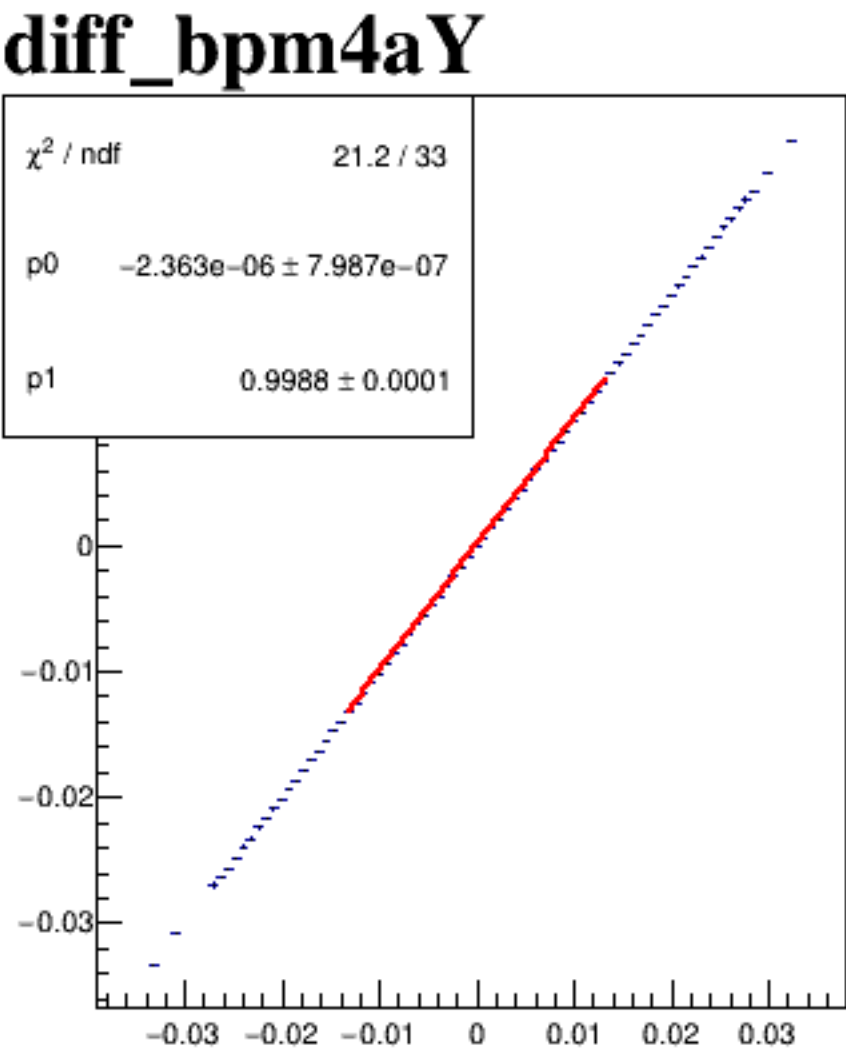
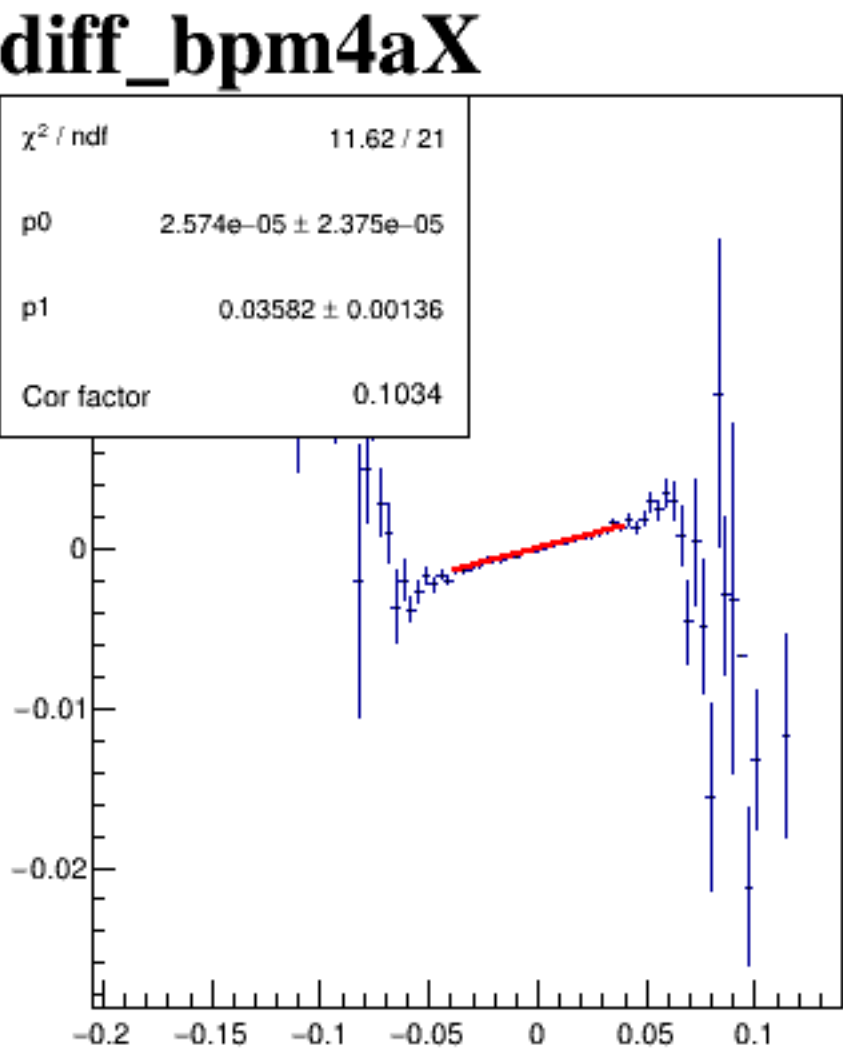


A heatmap titled 'diff_bpm4aY' showing the difference between bpm4aY and bpm4aX. The x-axis is labeled 'diff bpm4aX' and ranges from -0.03 to 0.03. The y-axis is labeled 'diff bpm4aY' and ranges from -0.03 to 0.03. The color scale ranges from -6 (dark blue) to 6 (dark red), with 0 being white. The plot shows a strong positive correlation, with a diagonal band of high values (red/orange) and a surrounding band of lower values (blue/green).

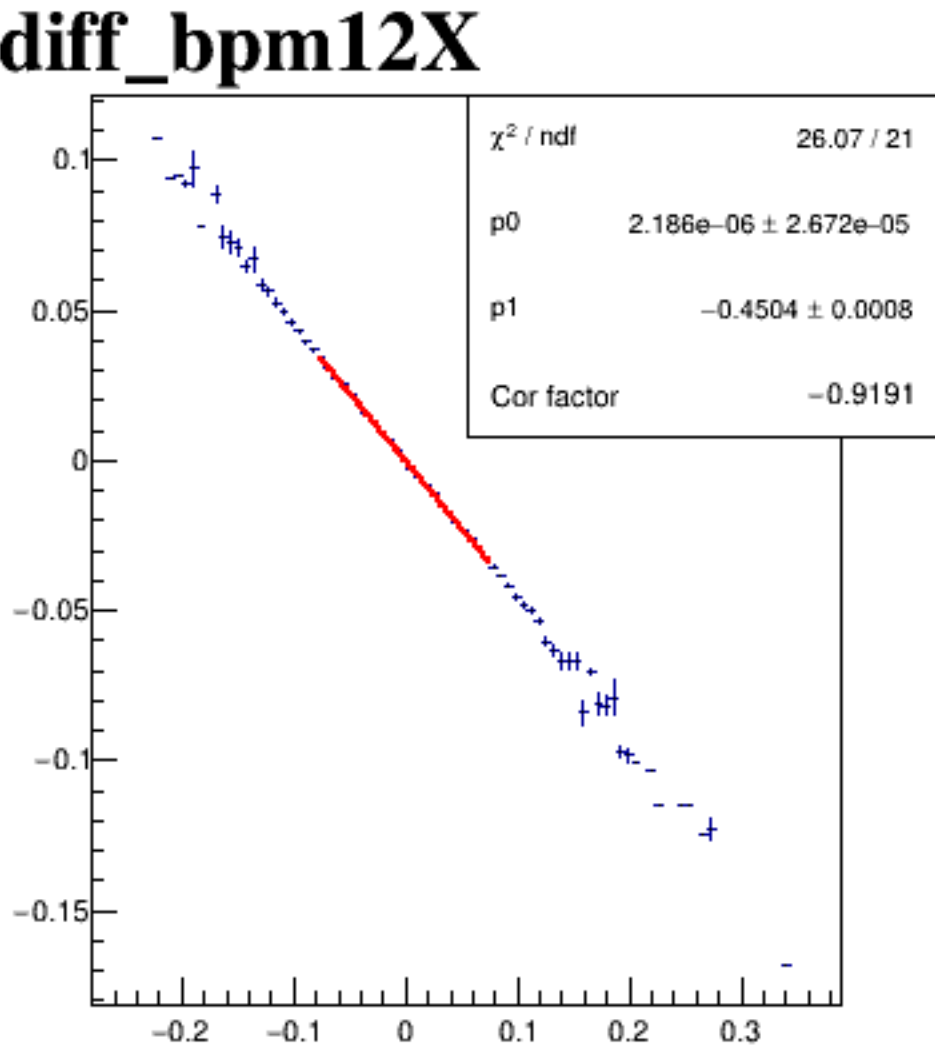
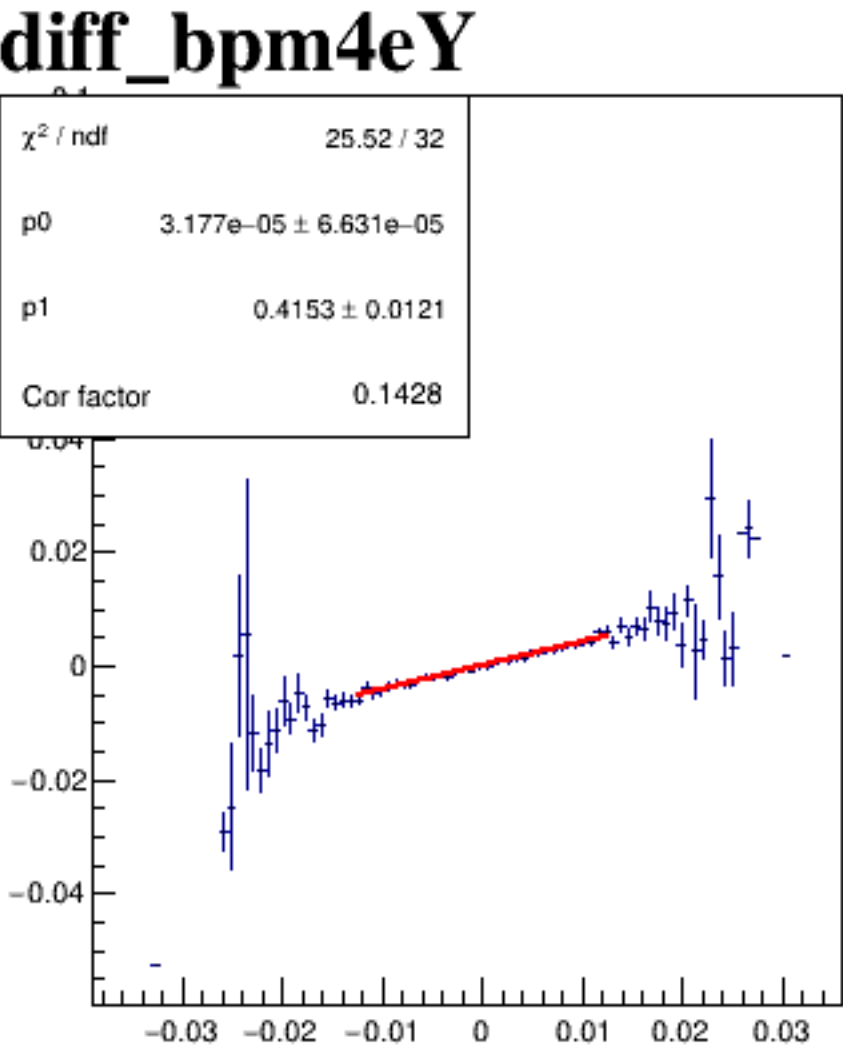
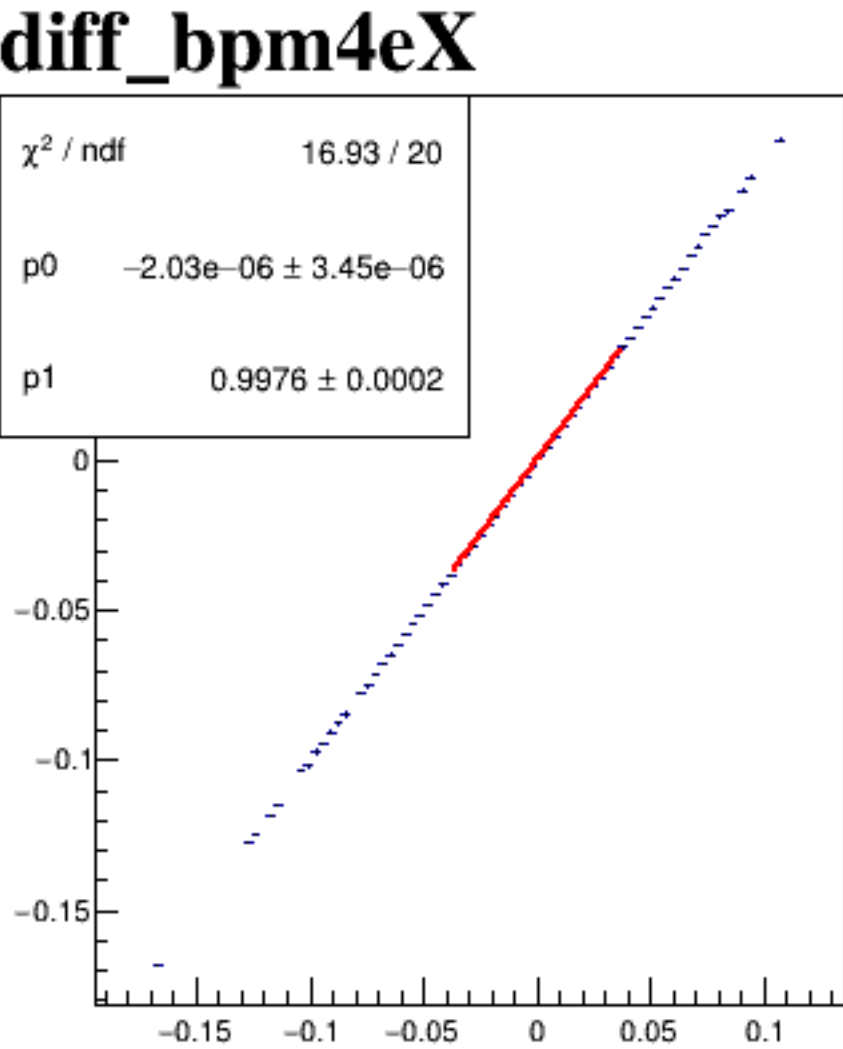
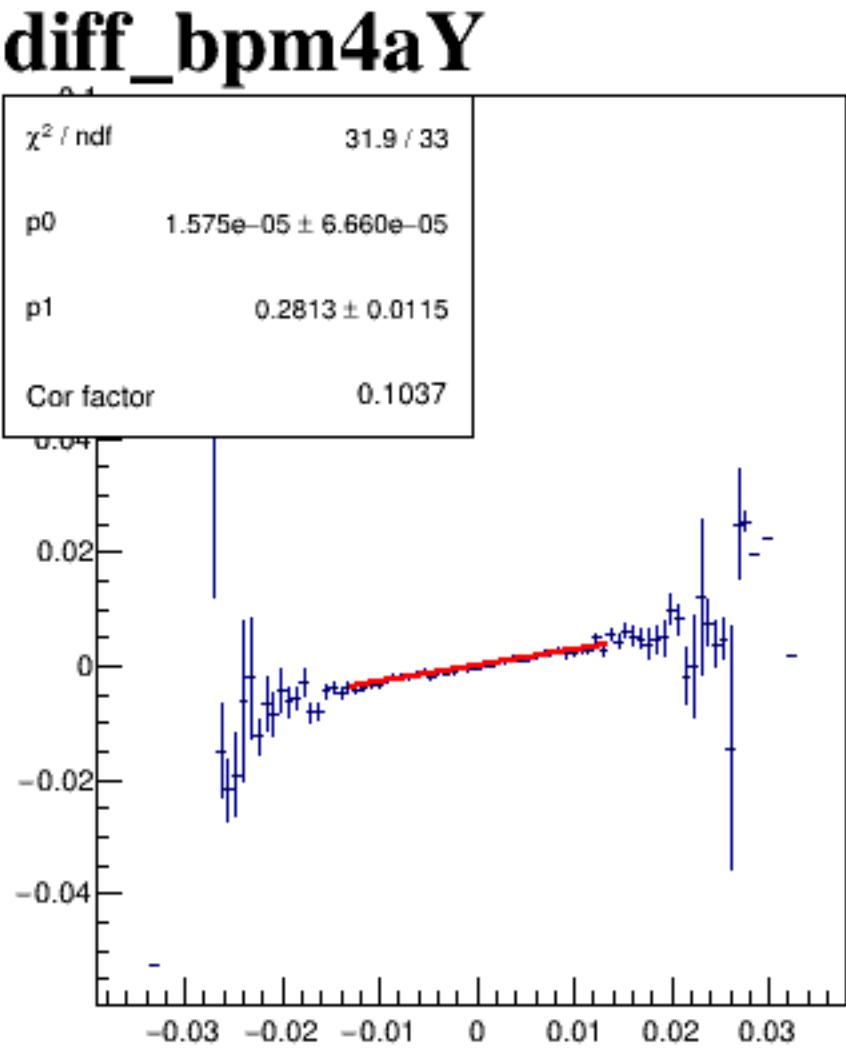
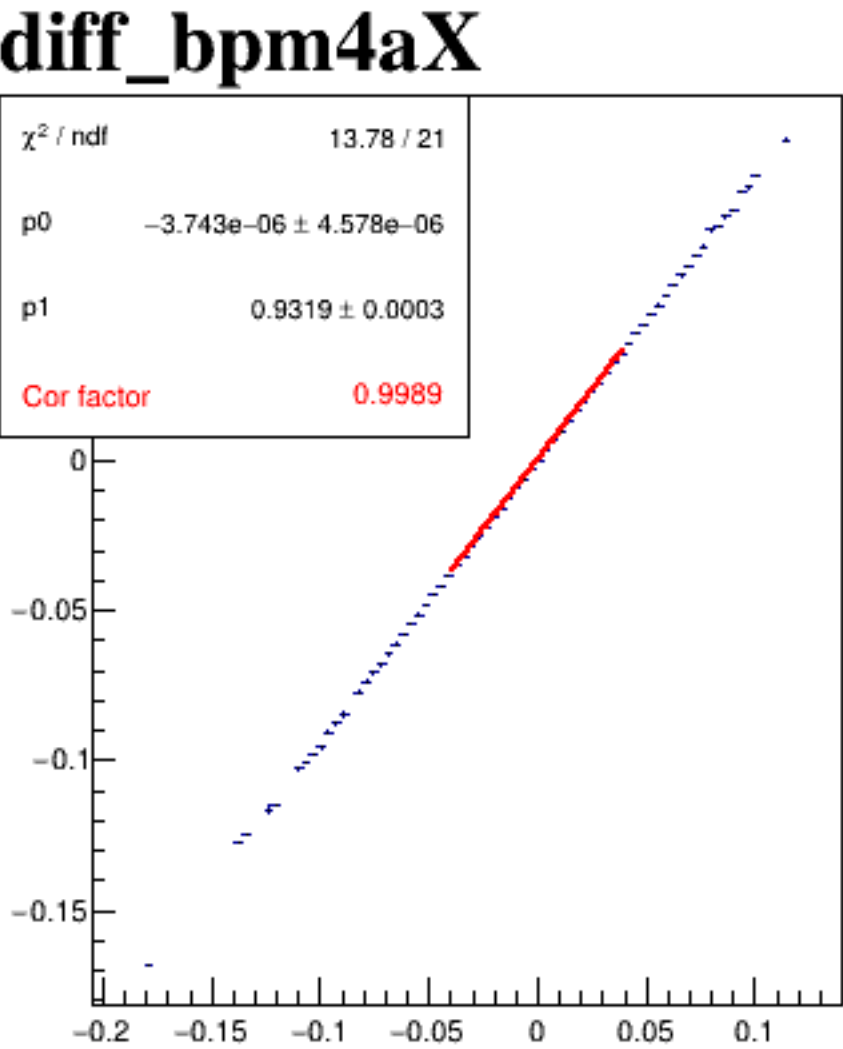
diff_bpm4aX



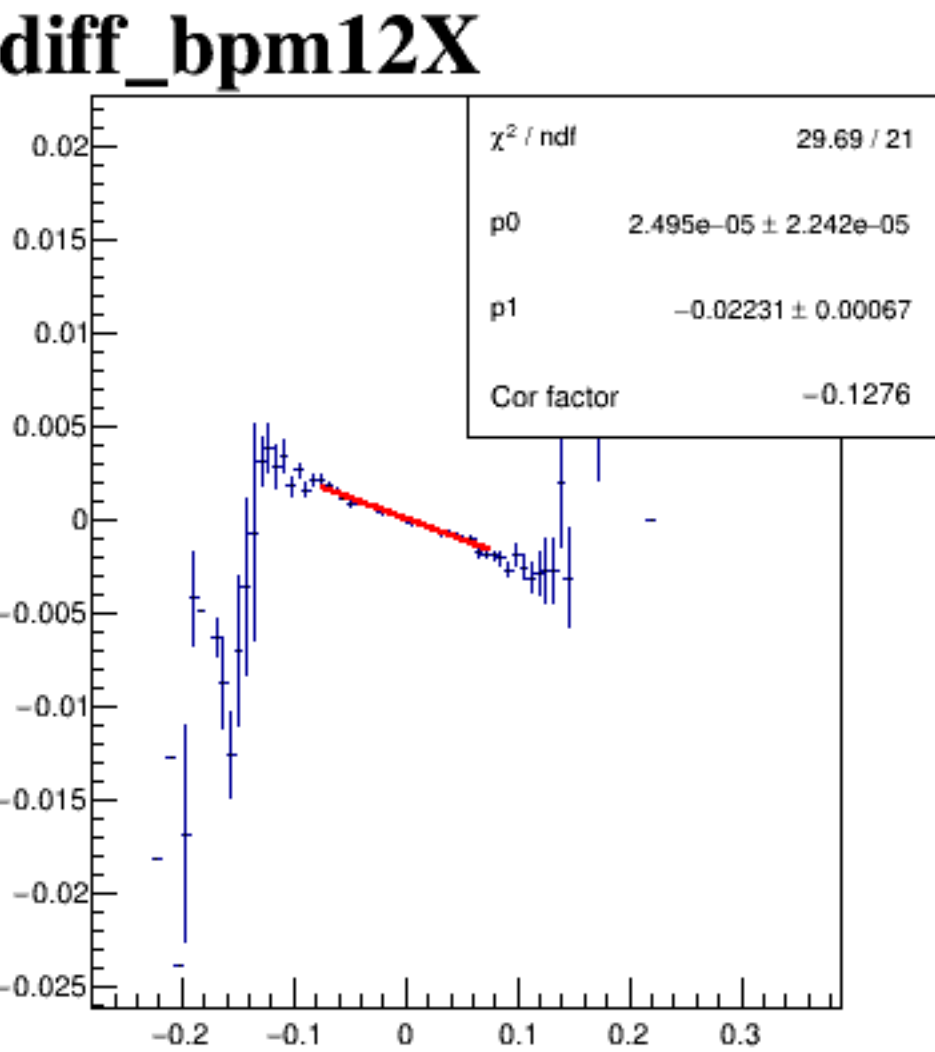
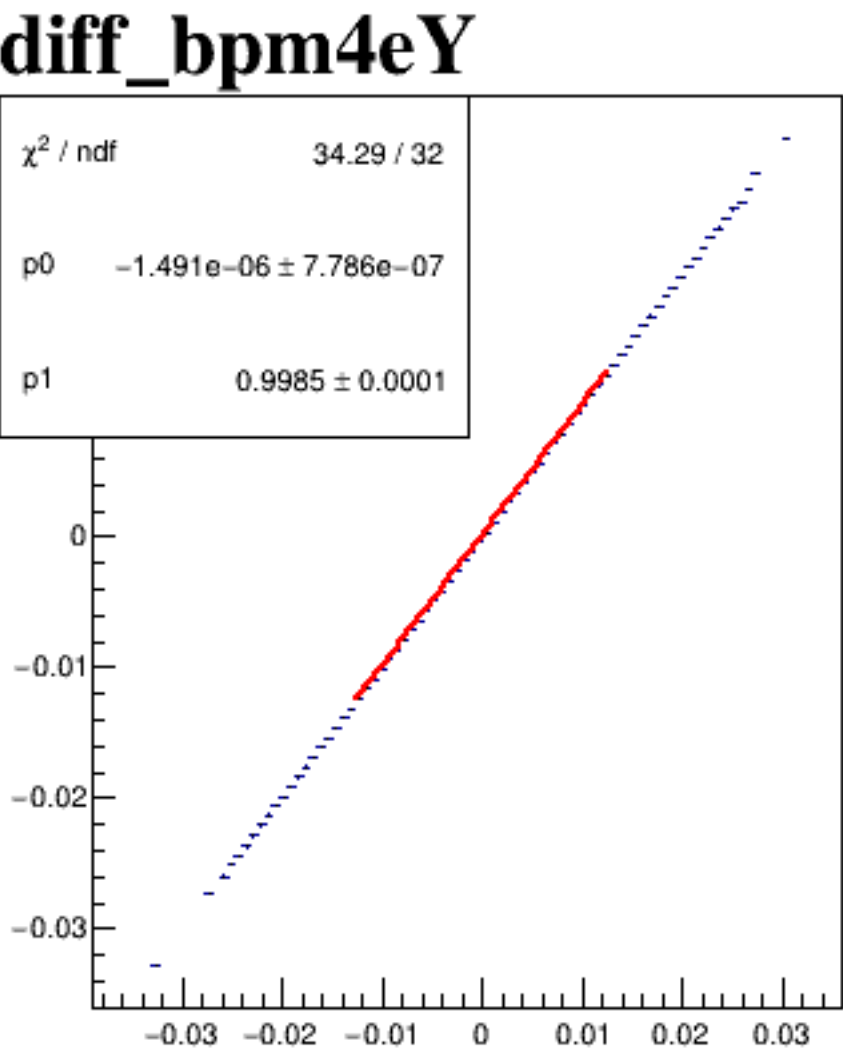
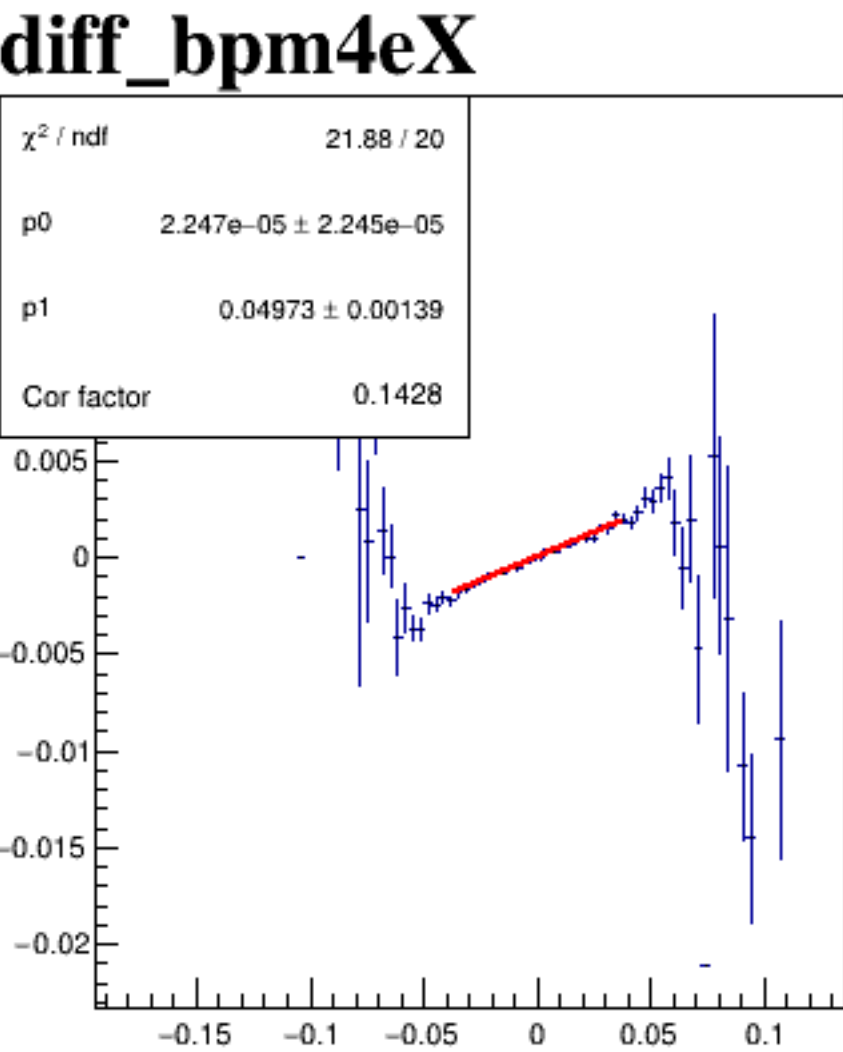
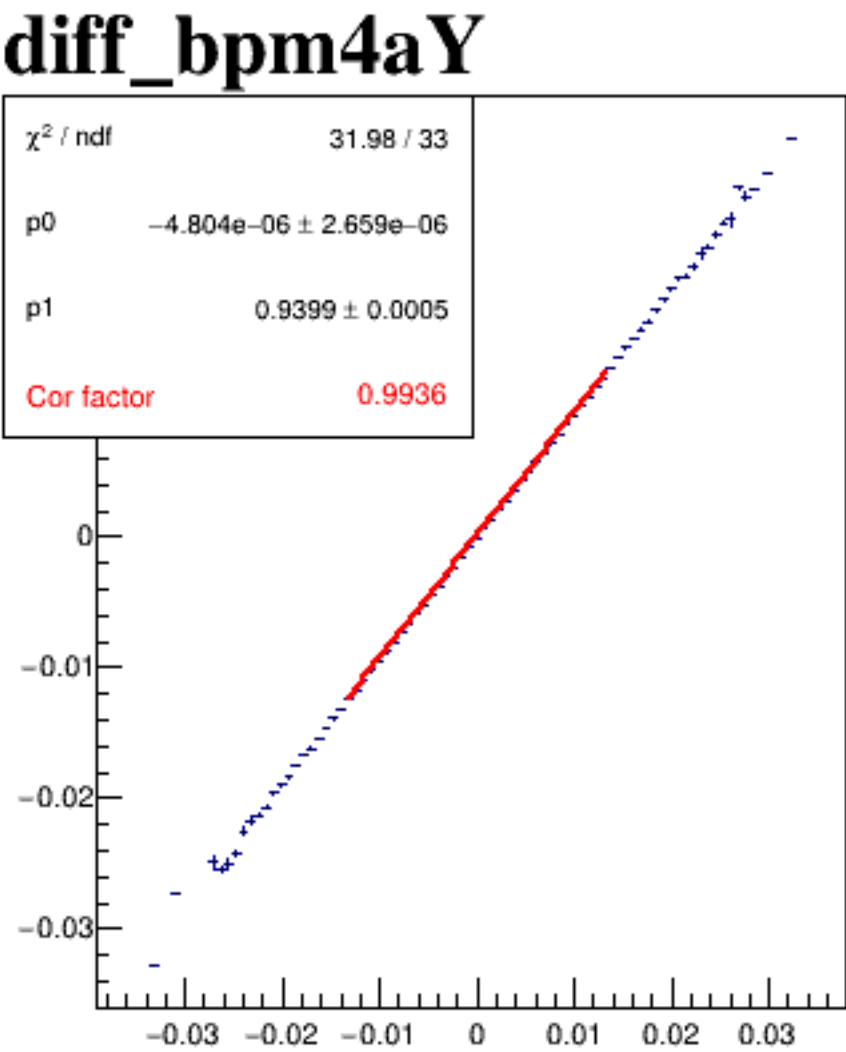
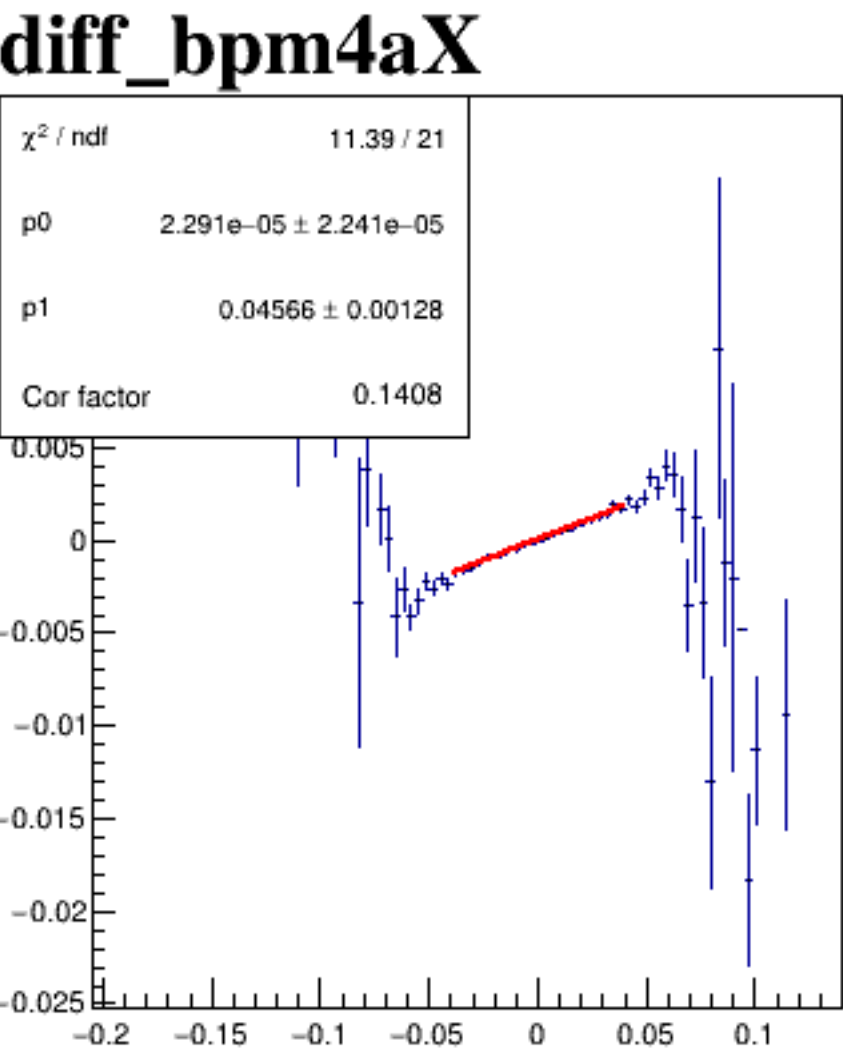
diff_bpm4aY



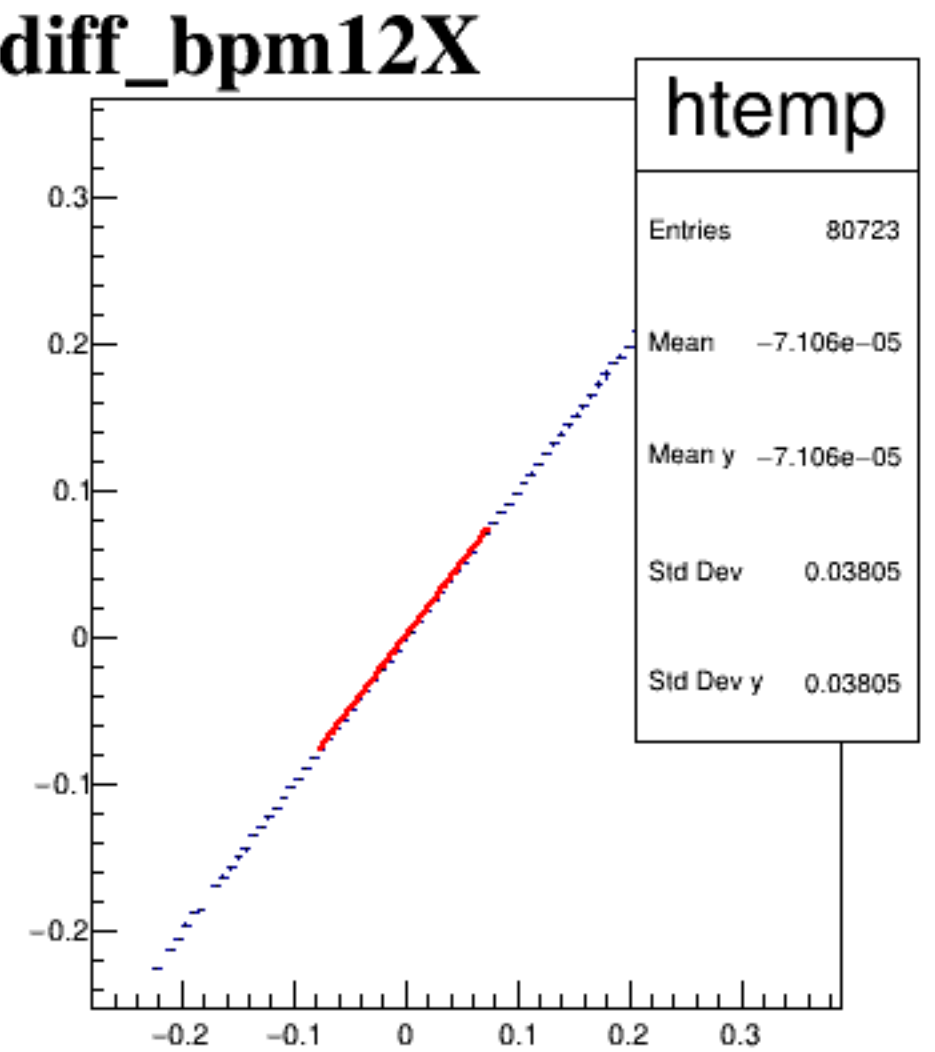
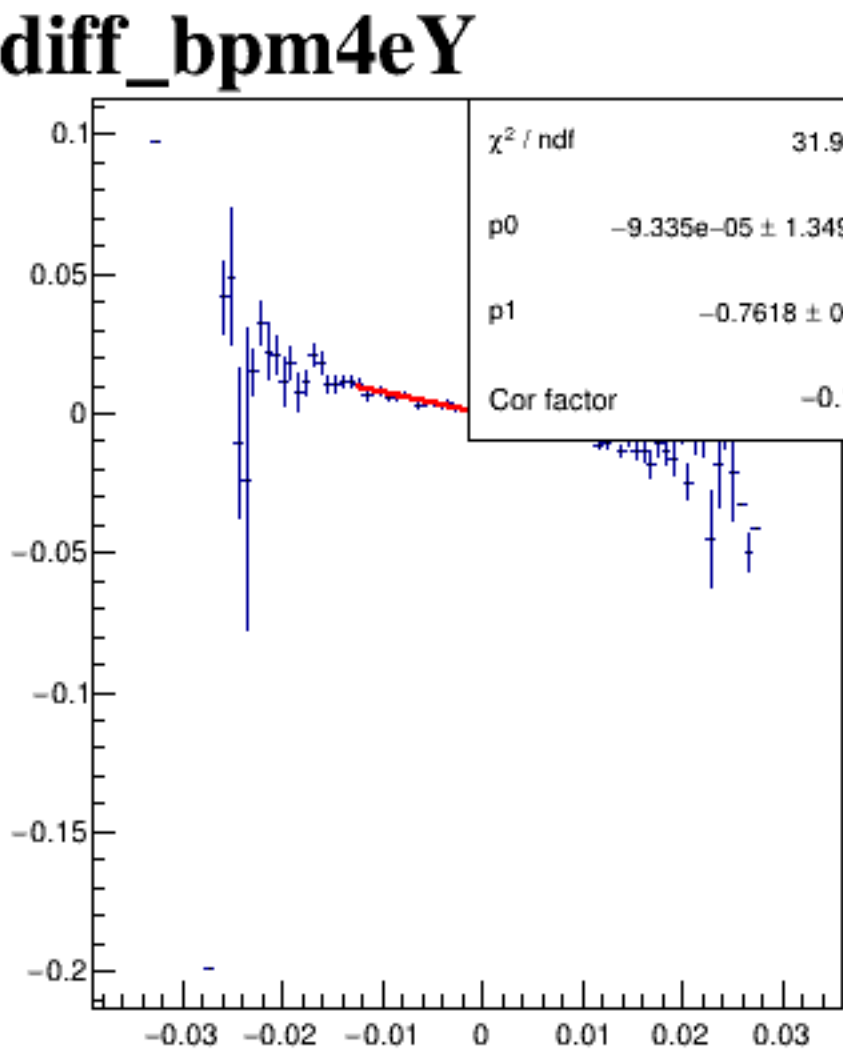
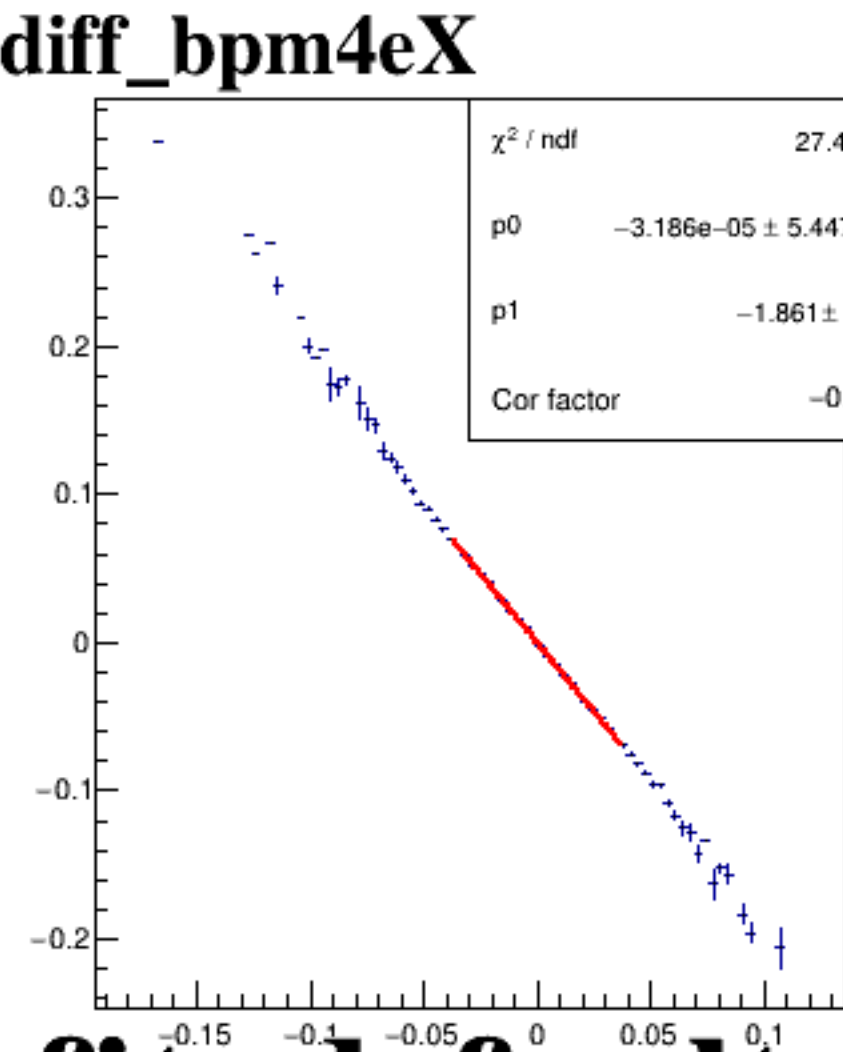
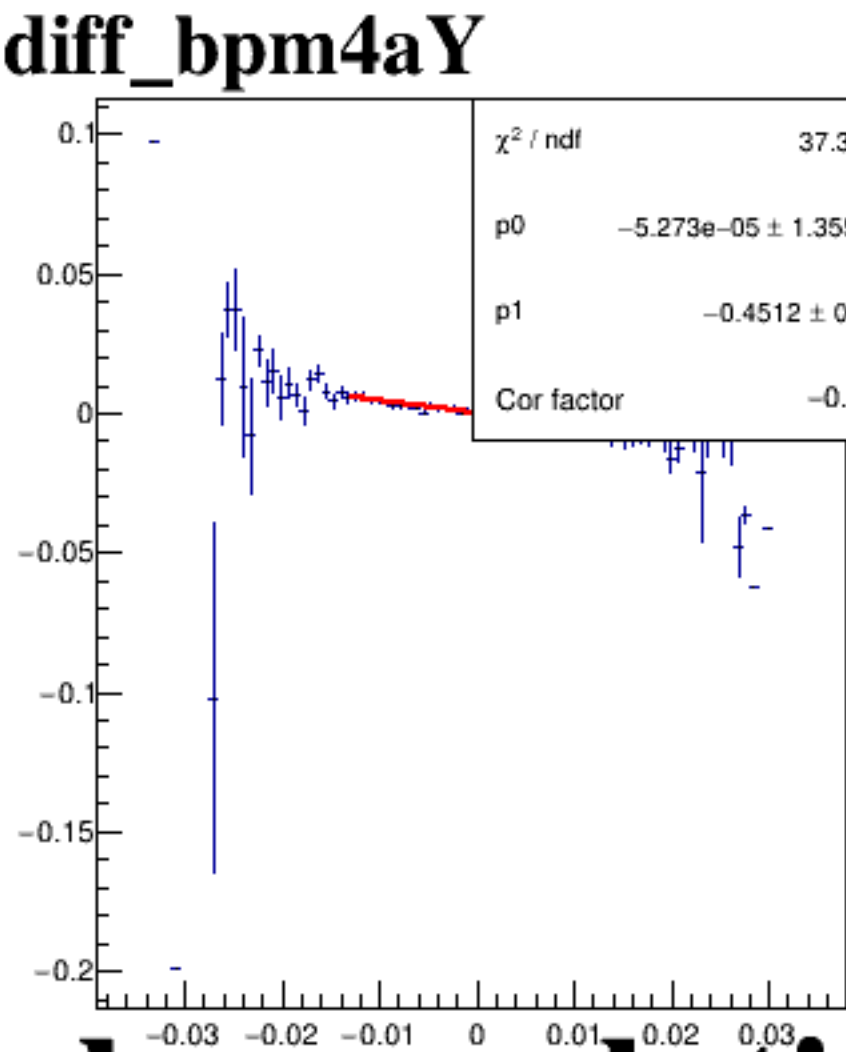
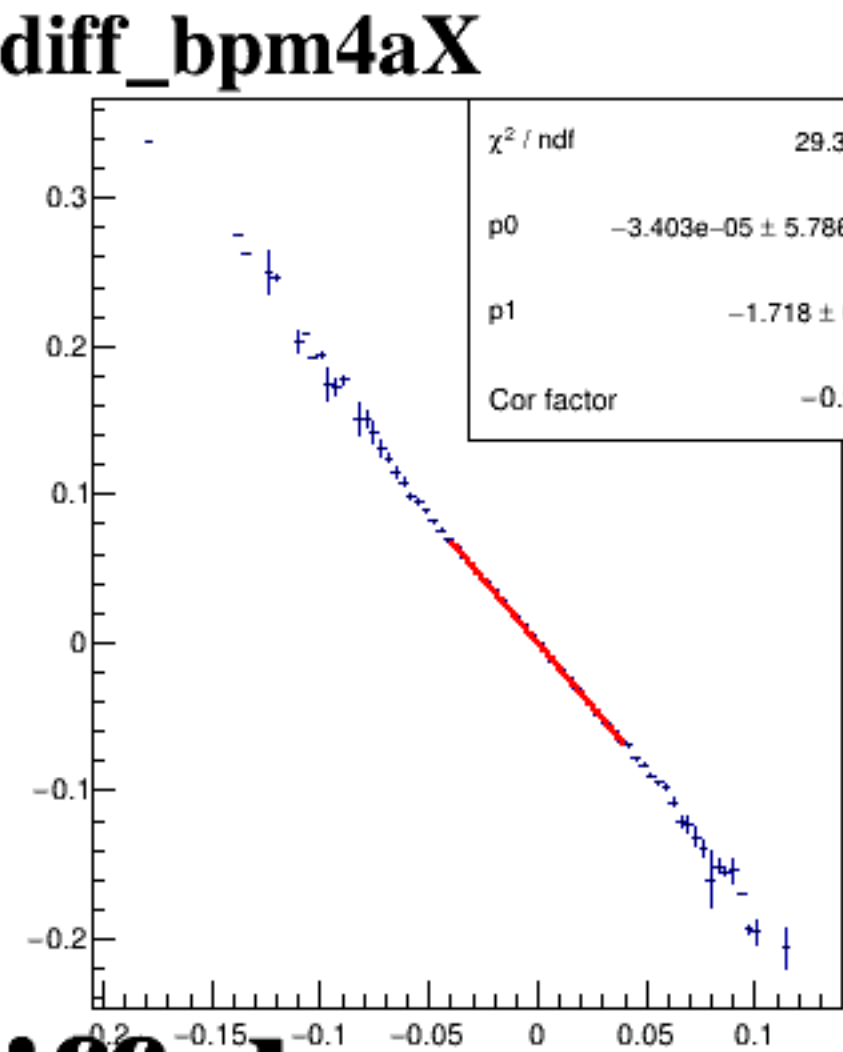
diff_bpm4eX



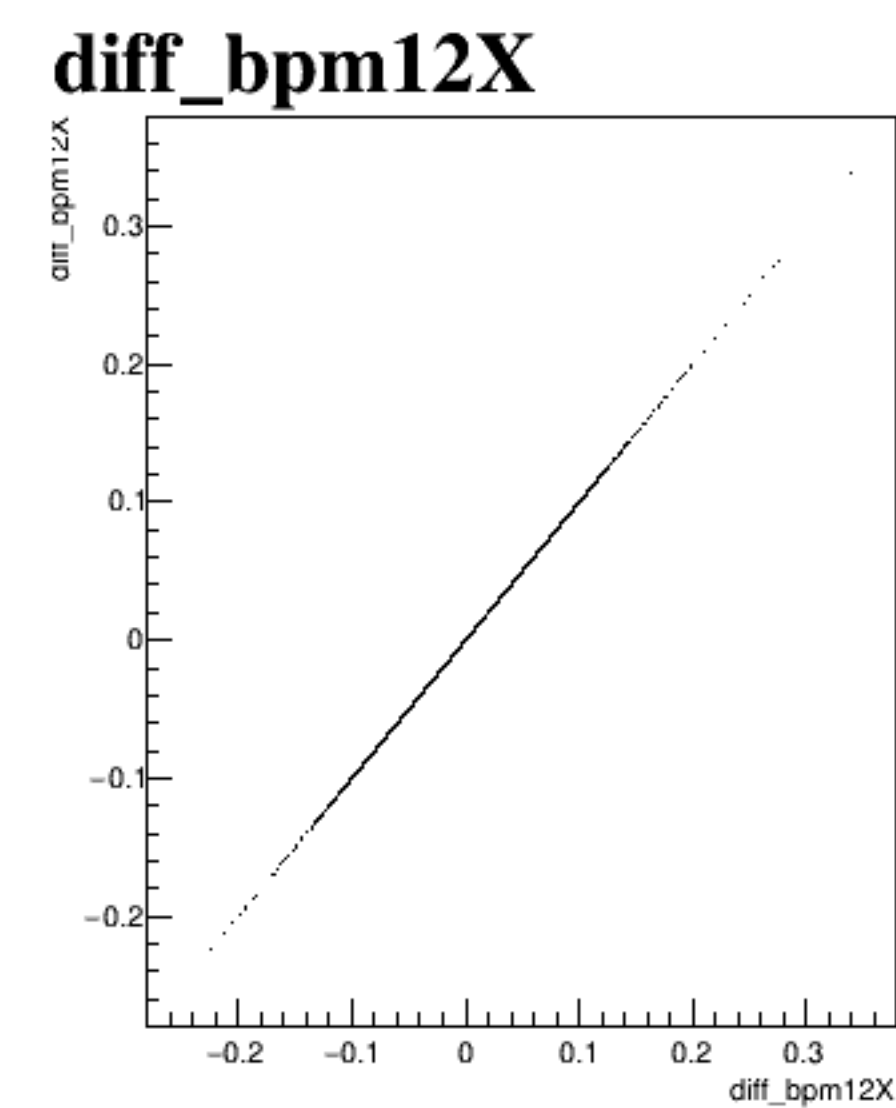
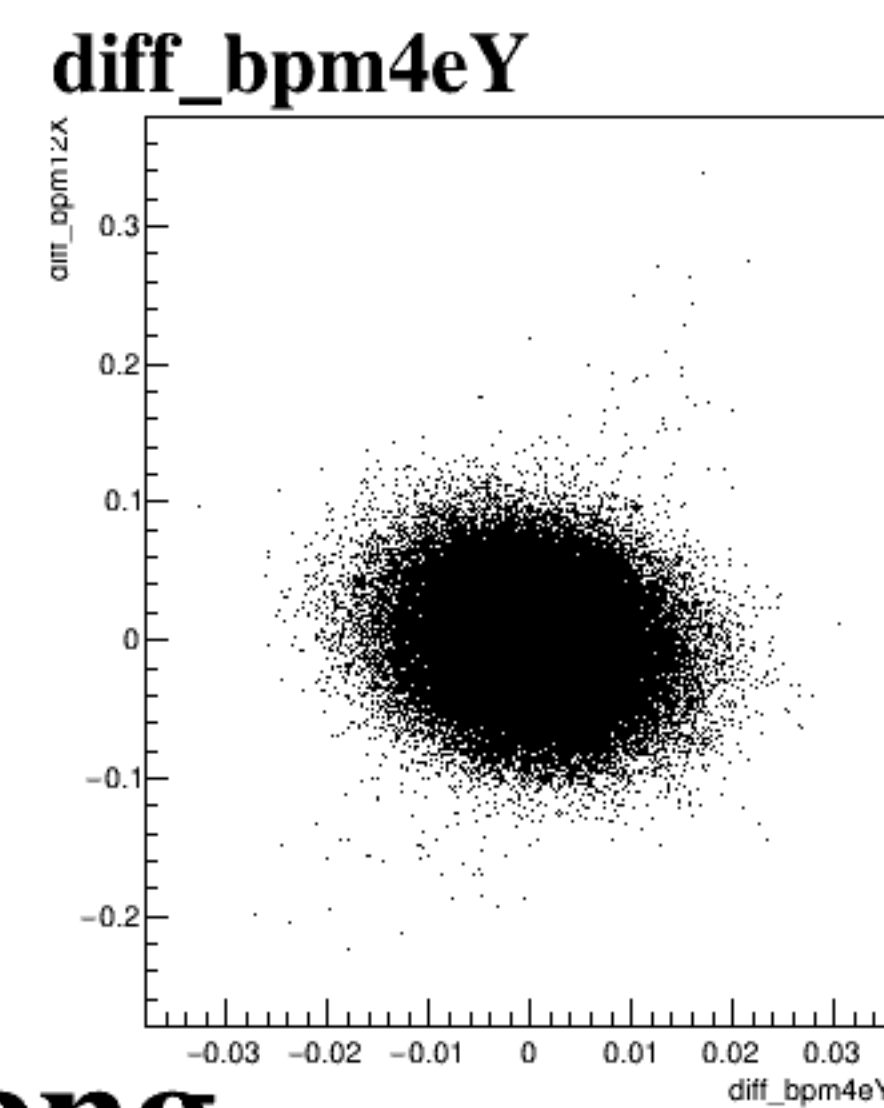
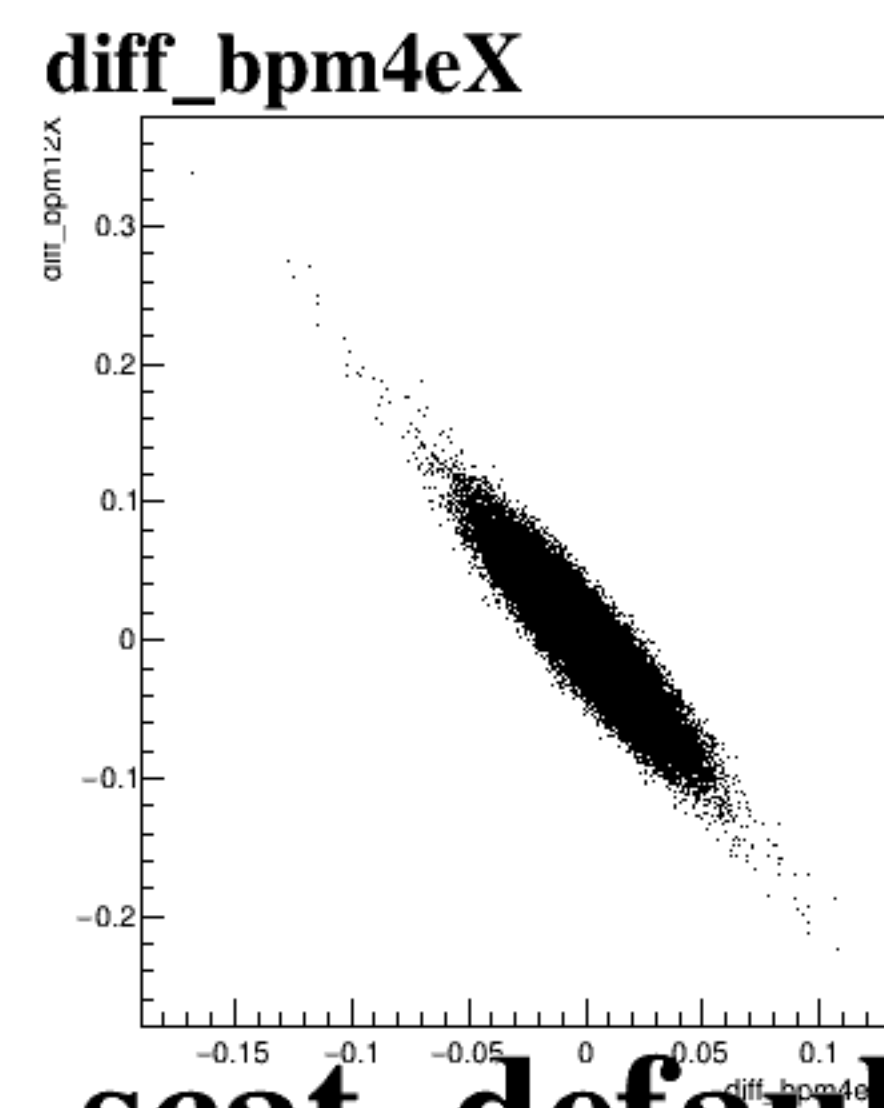
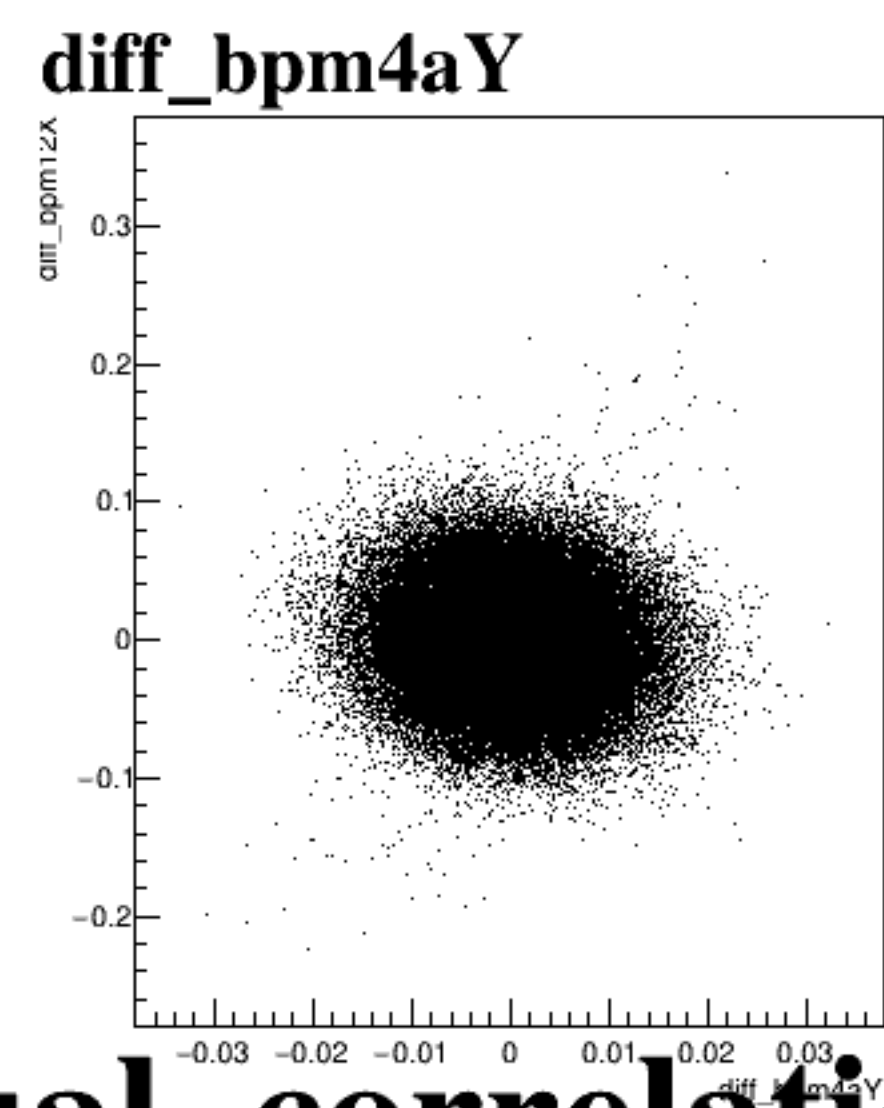
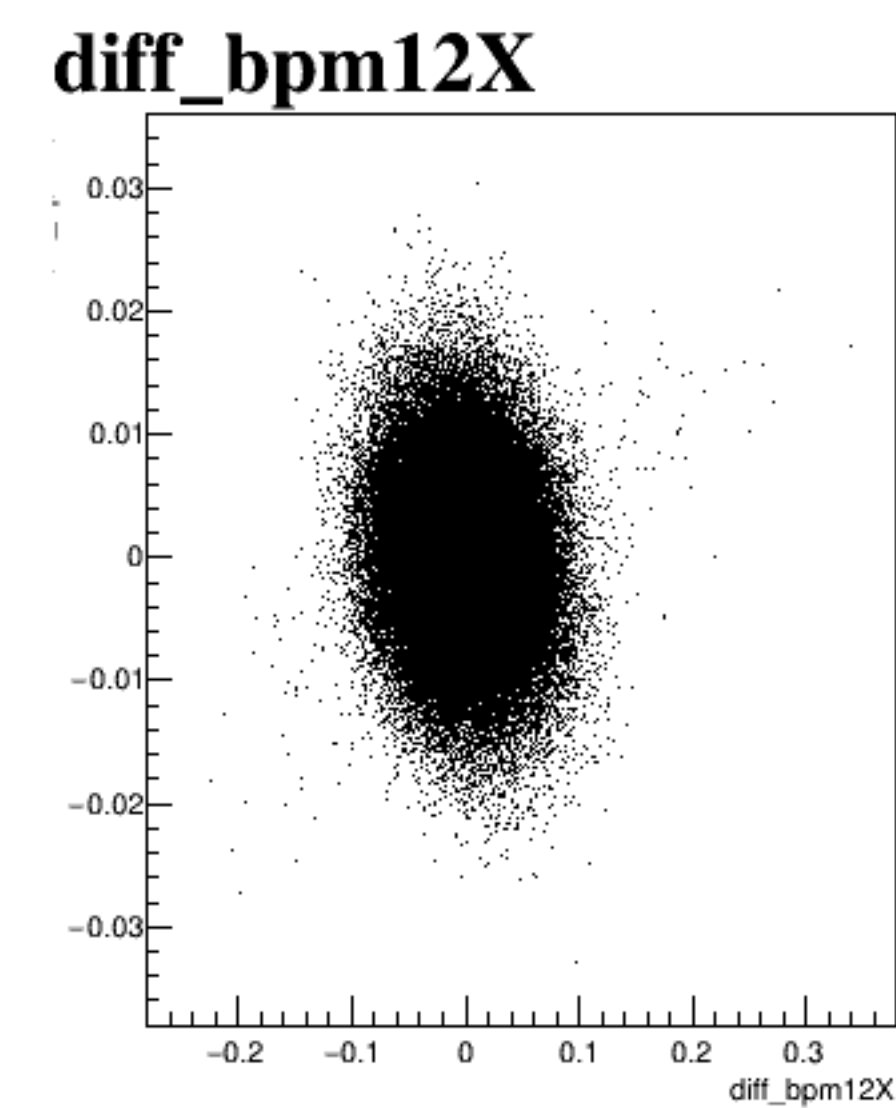
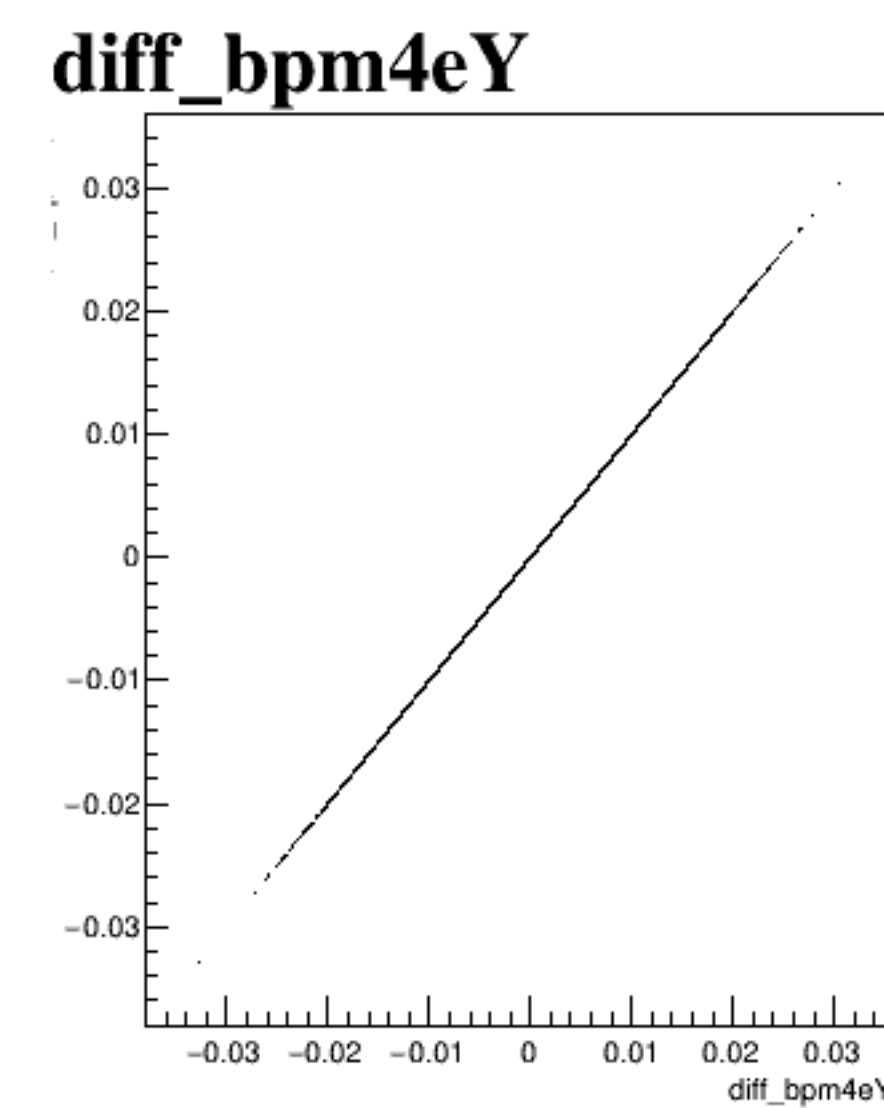
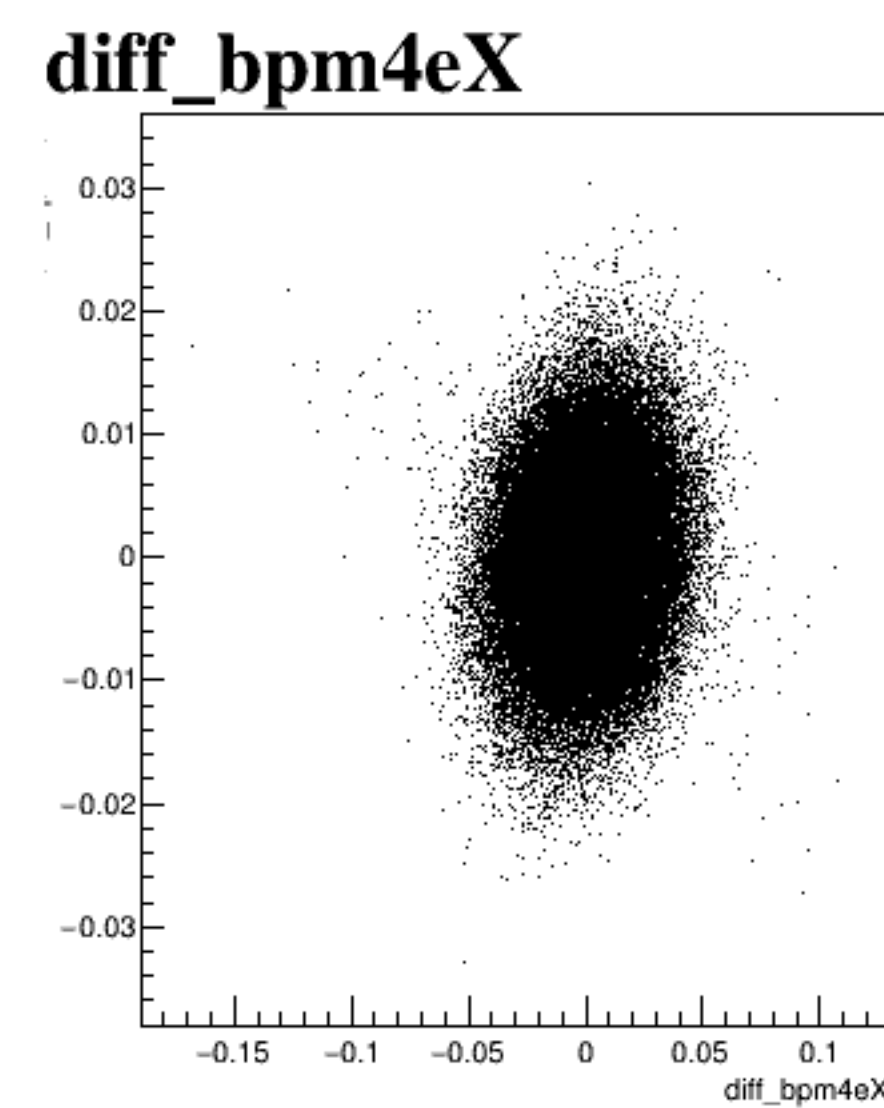
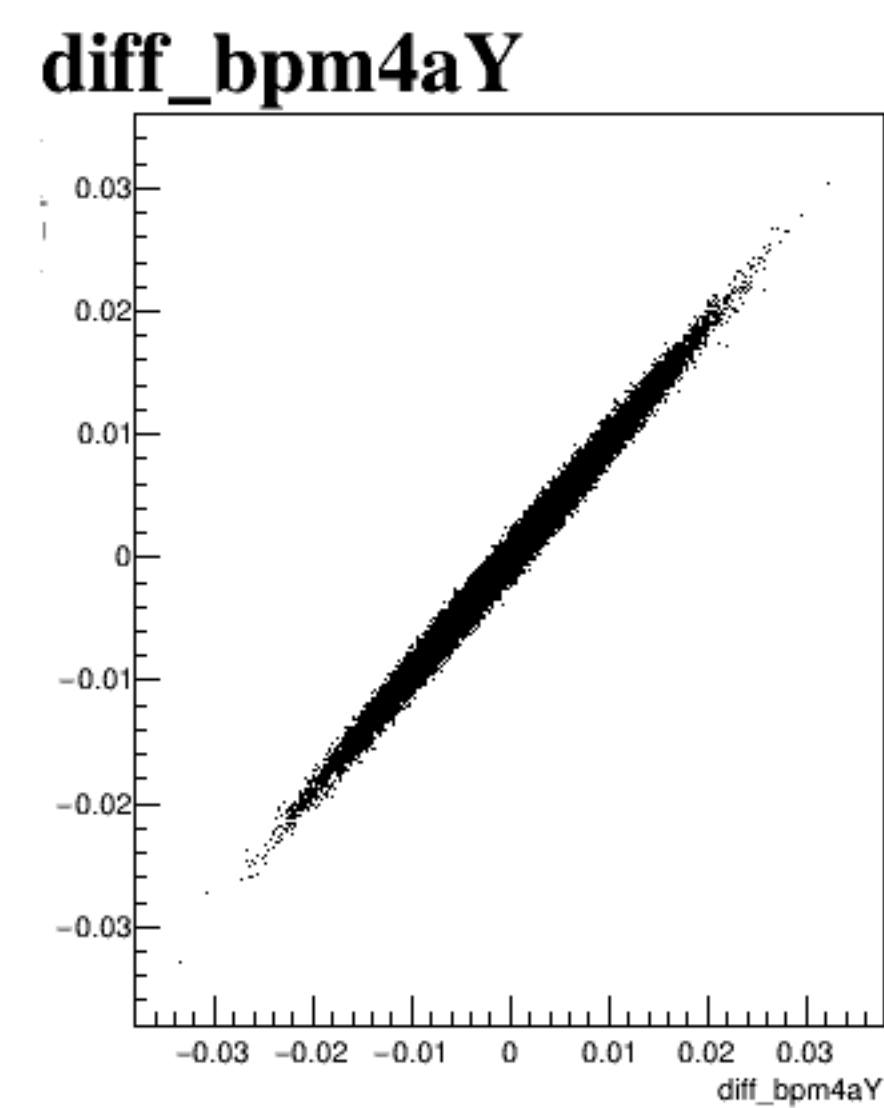
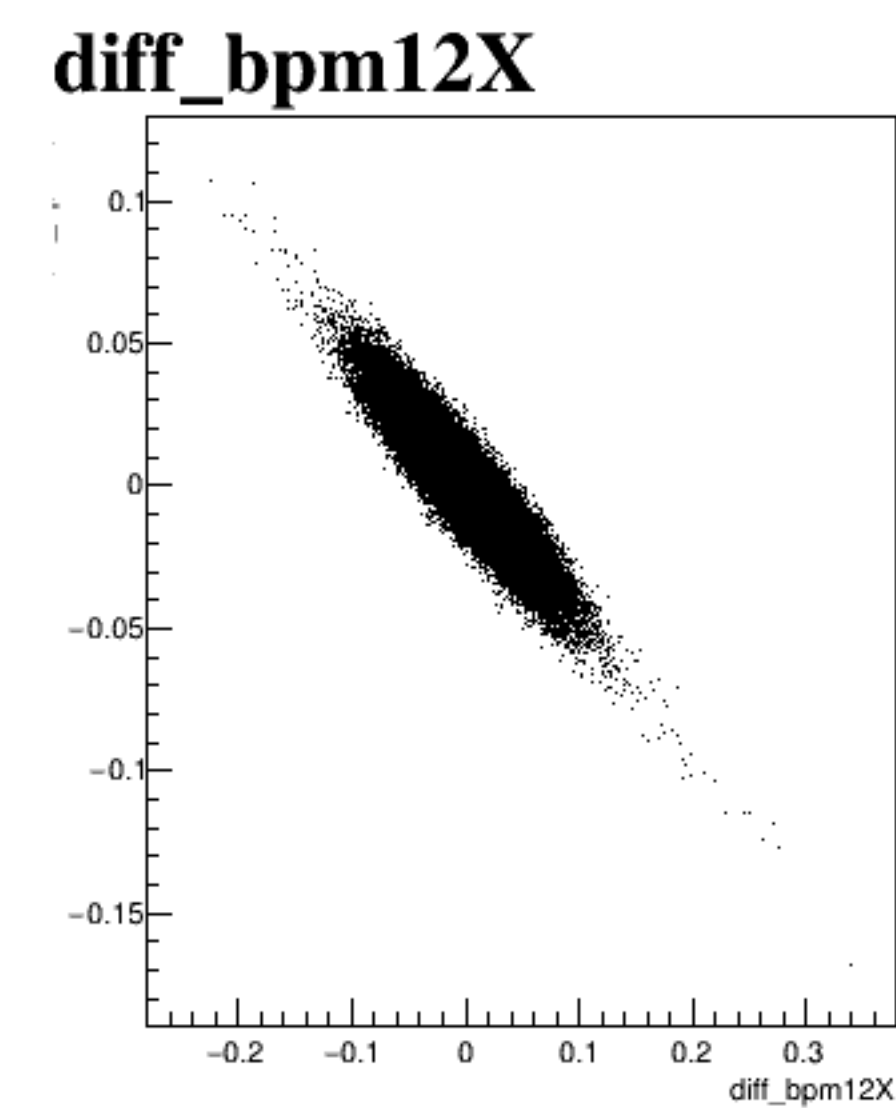
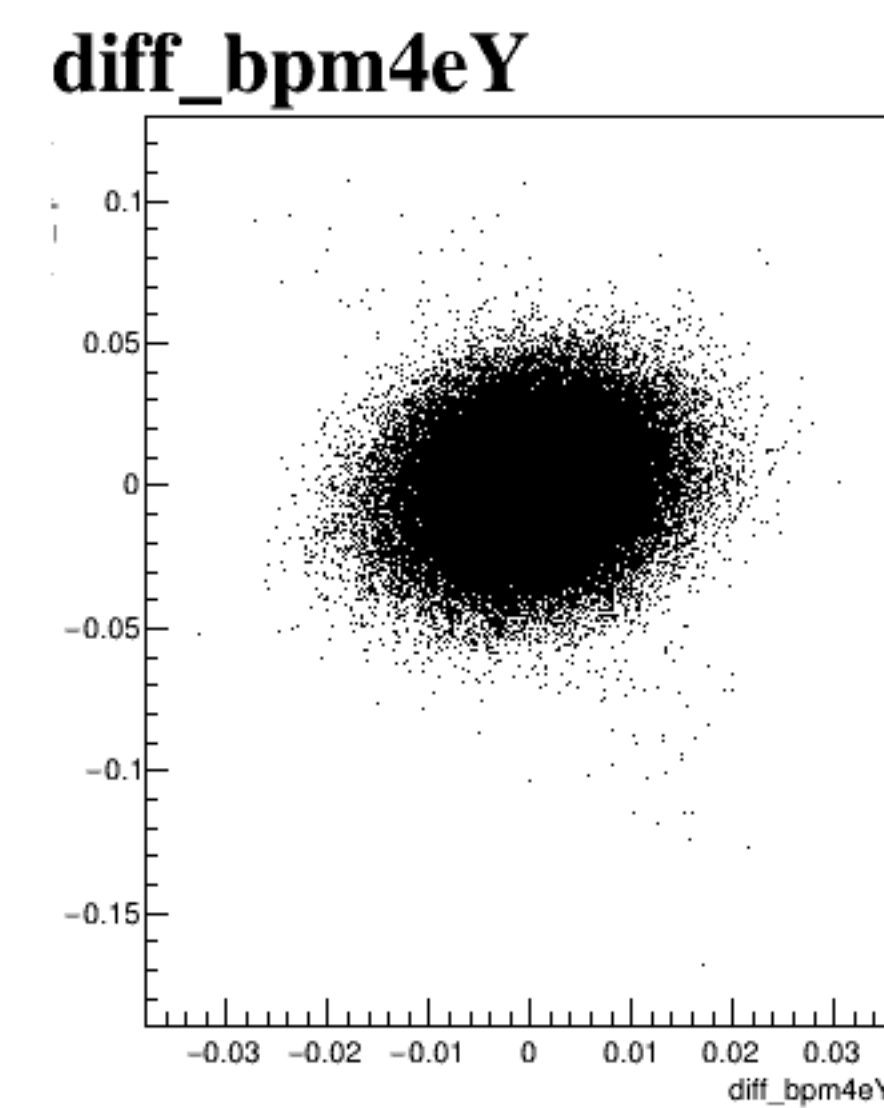
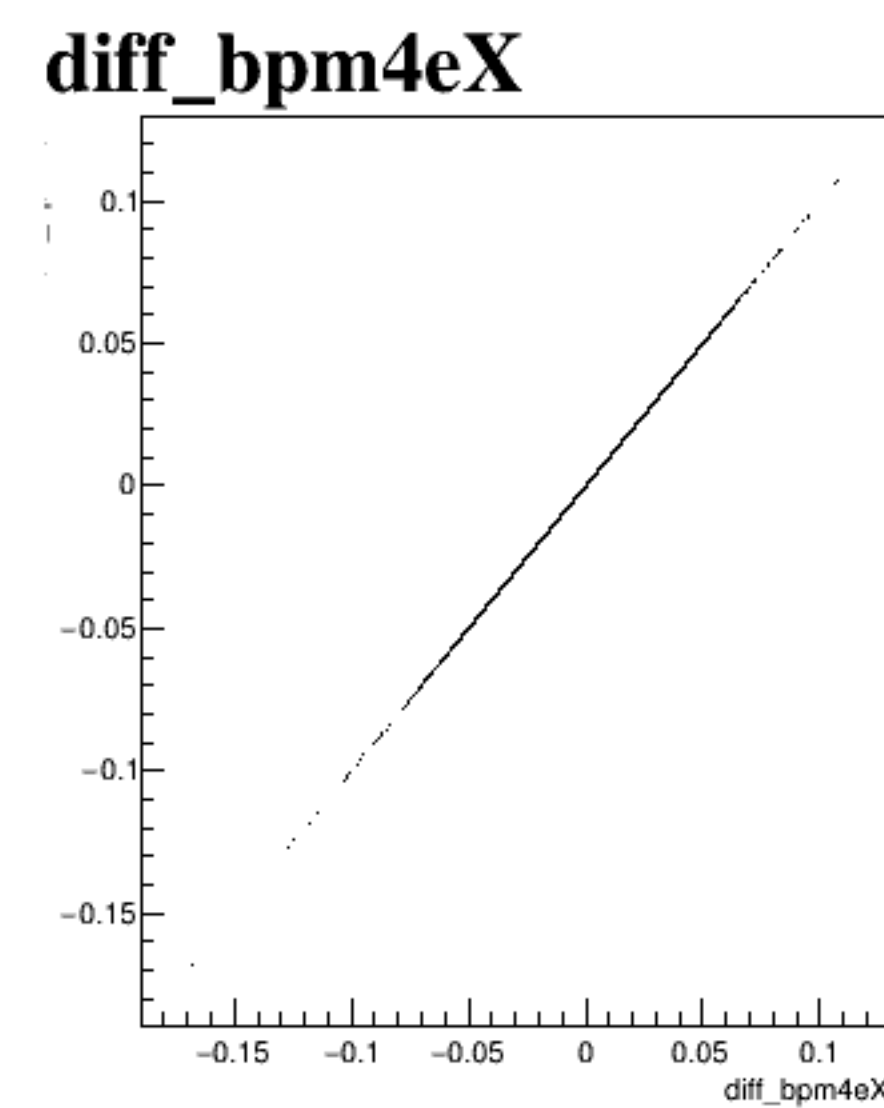
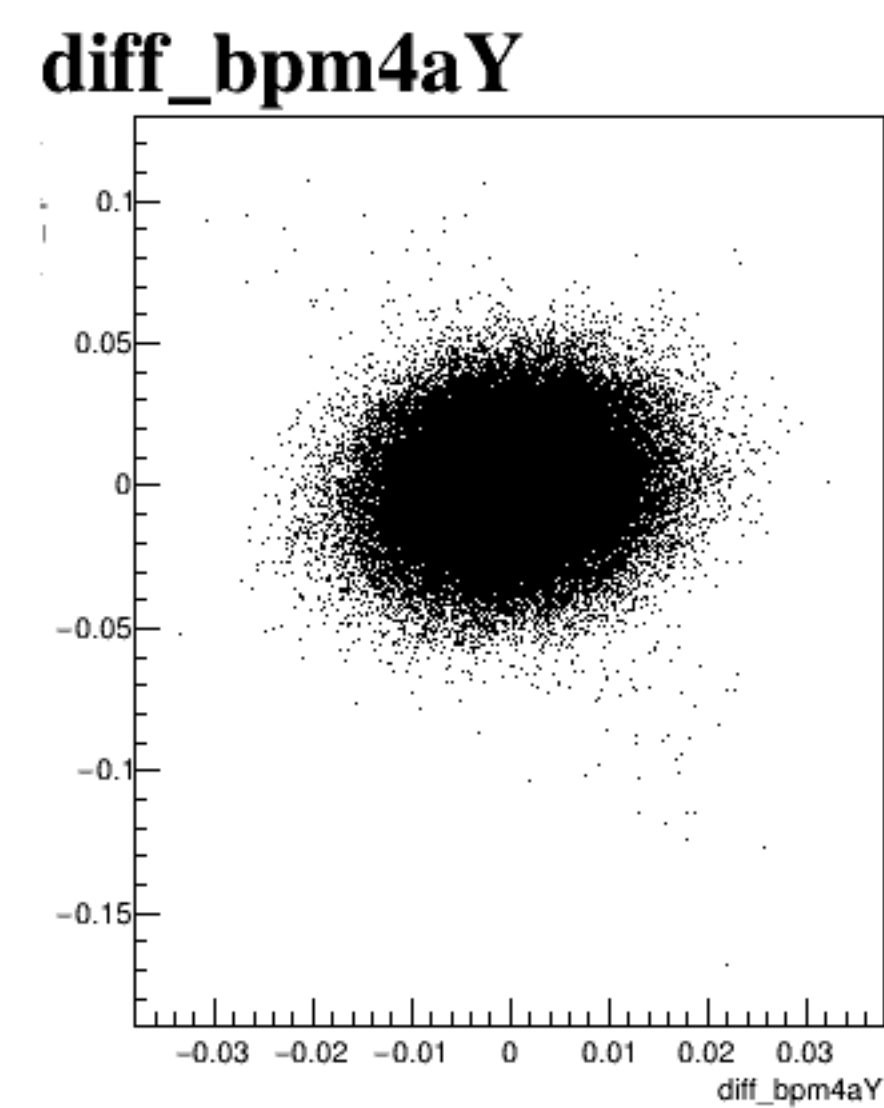
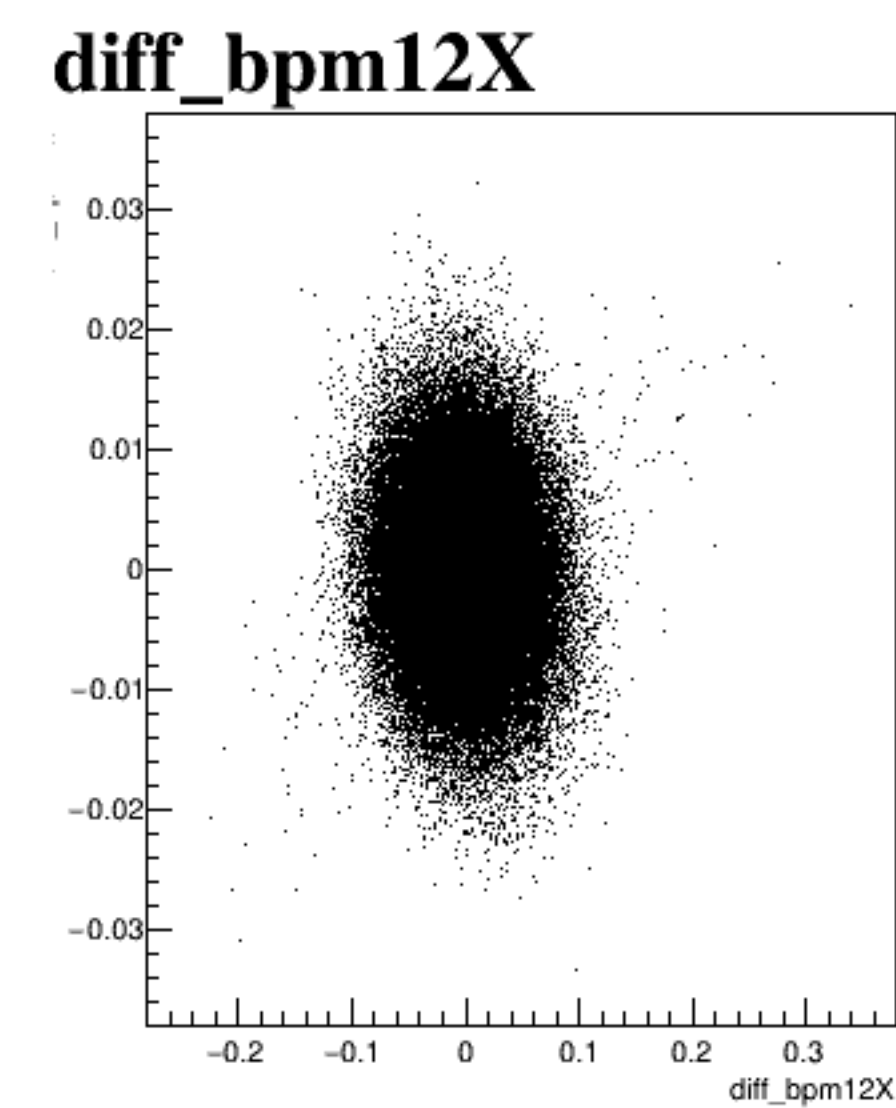
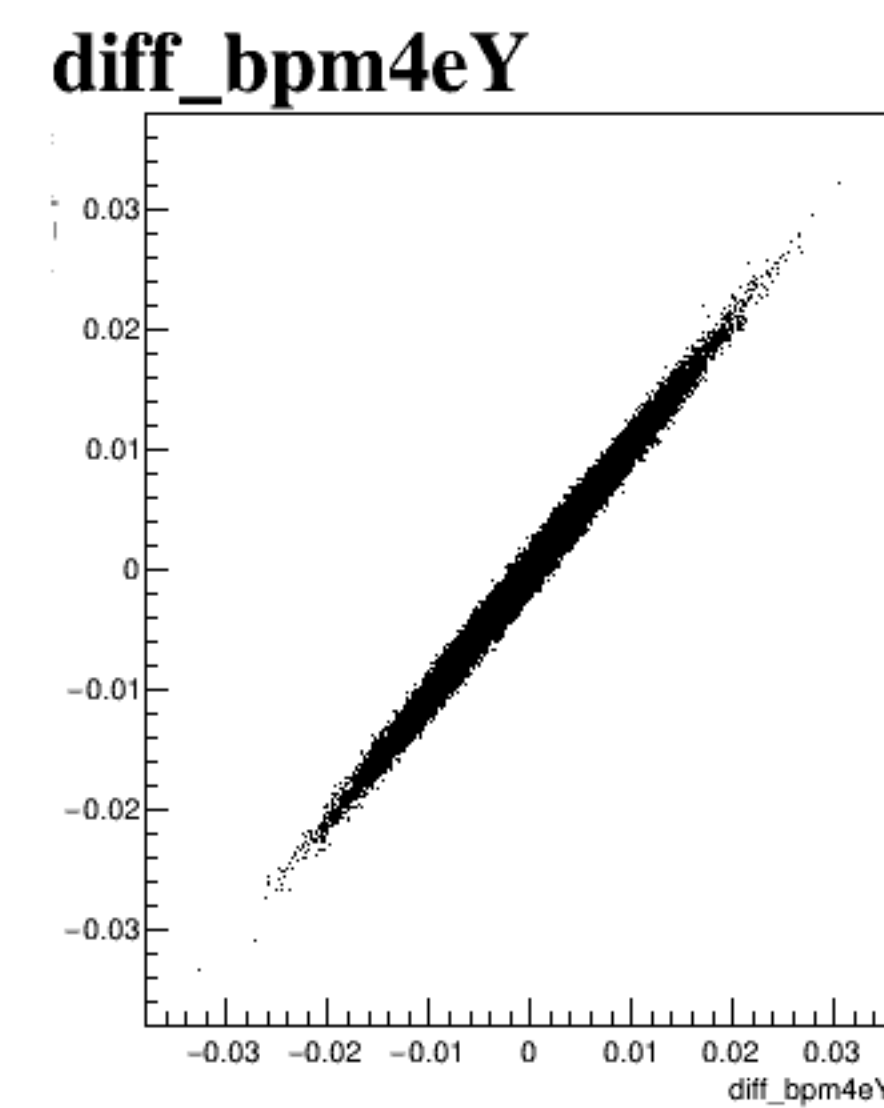
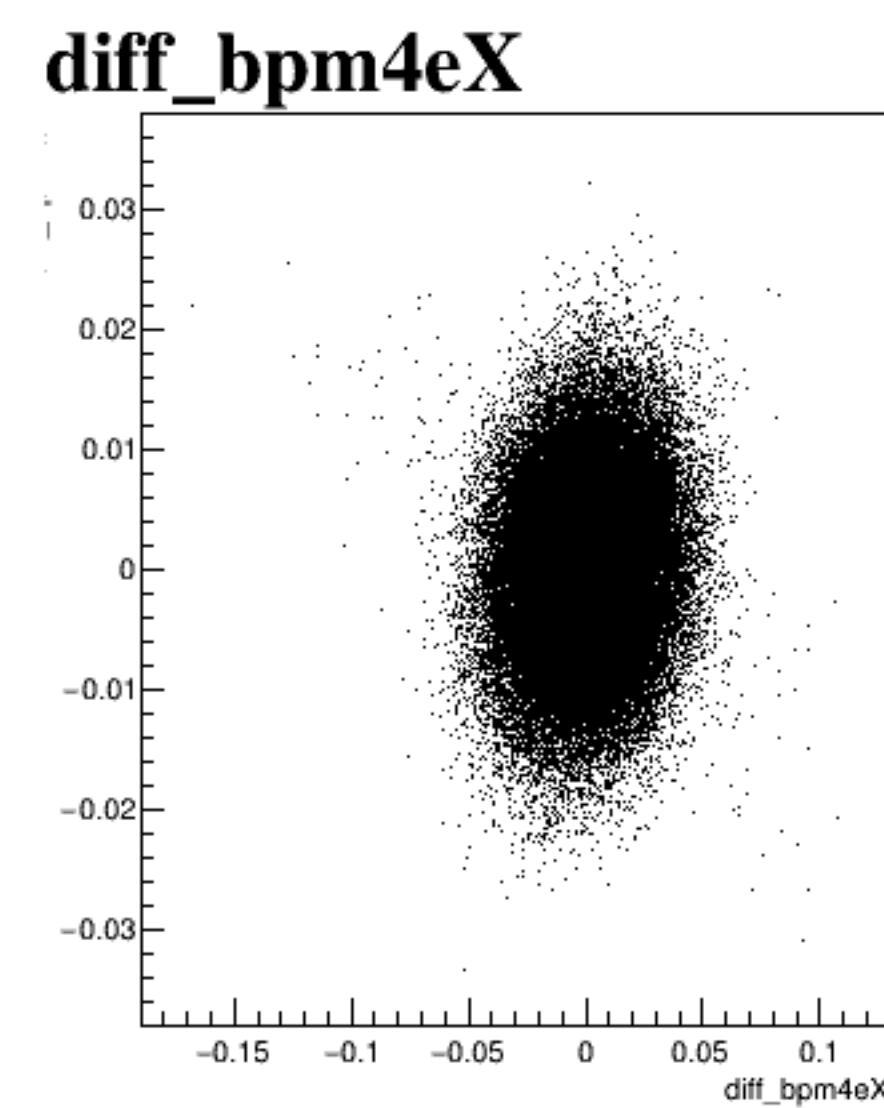
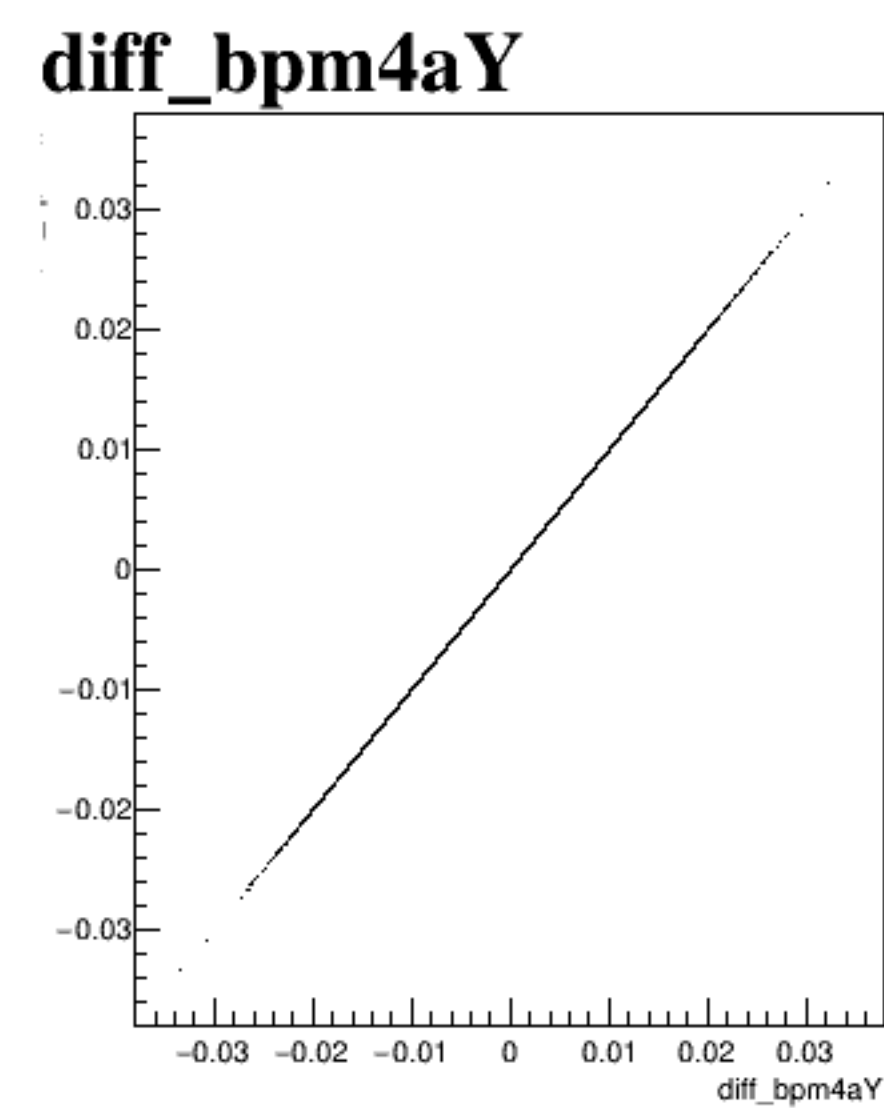
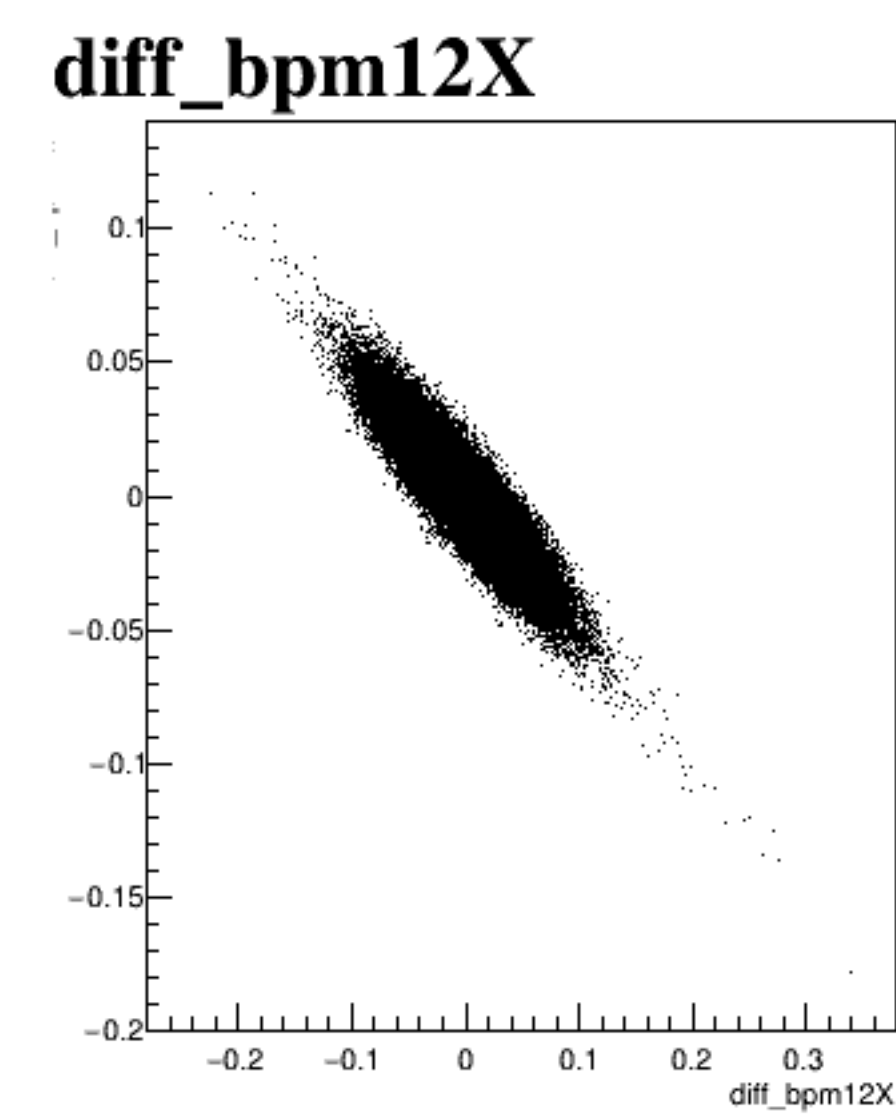
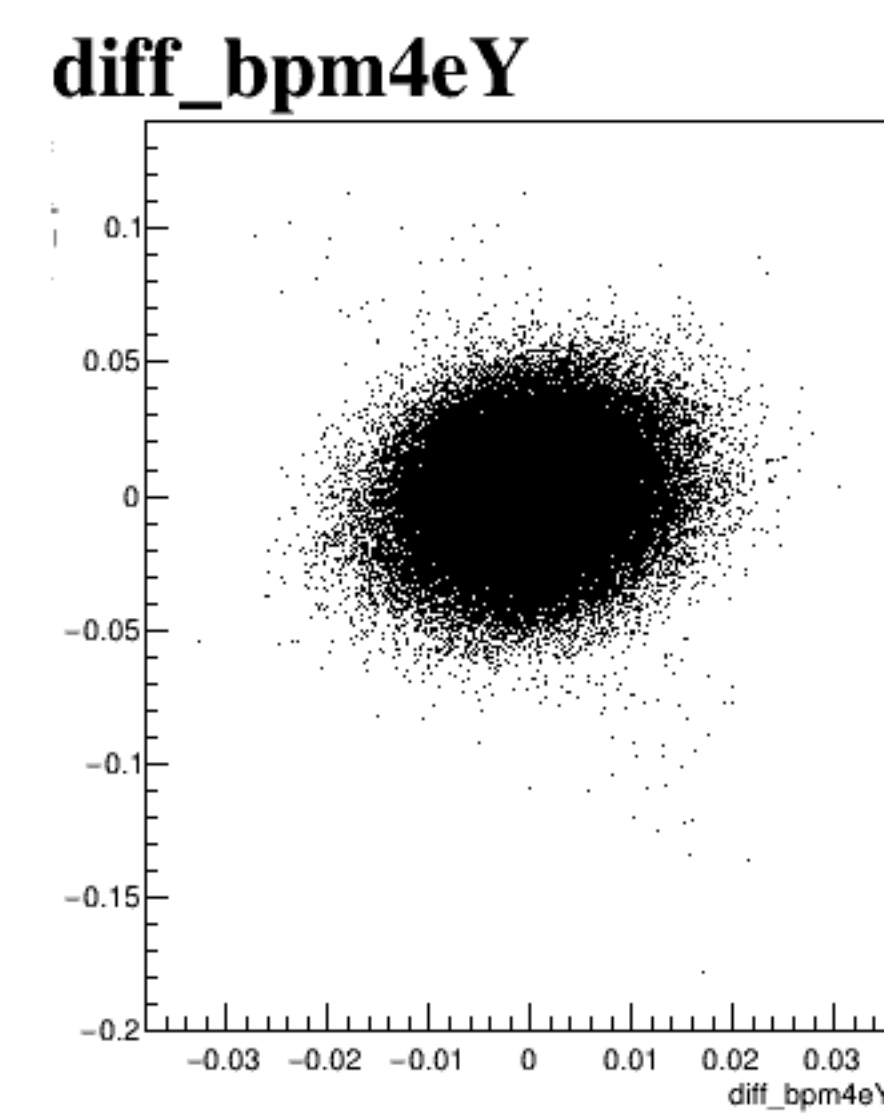
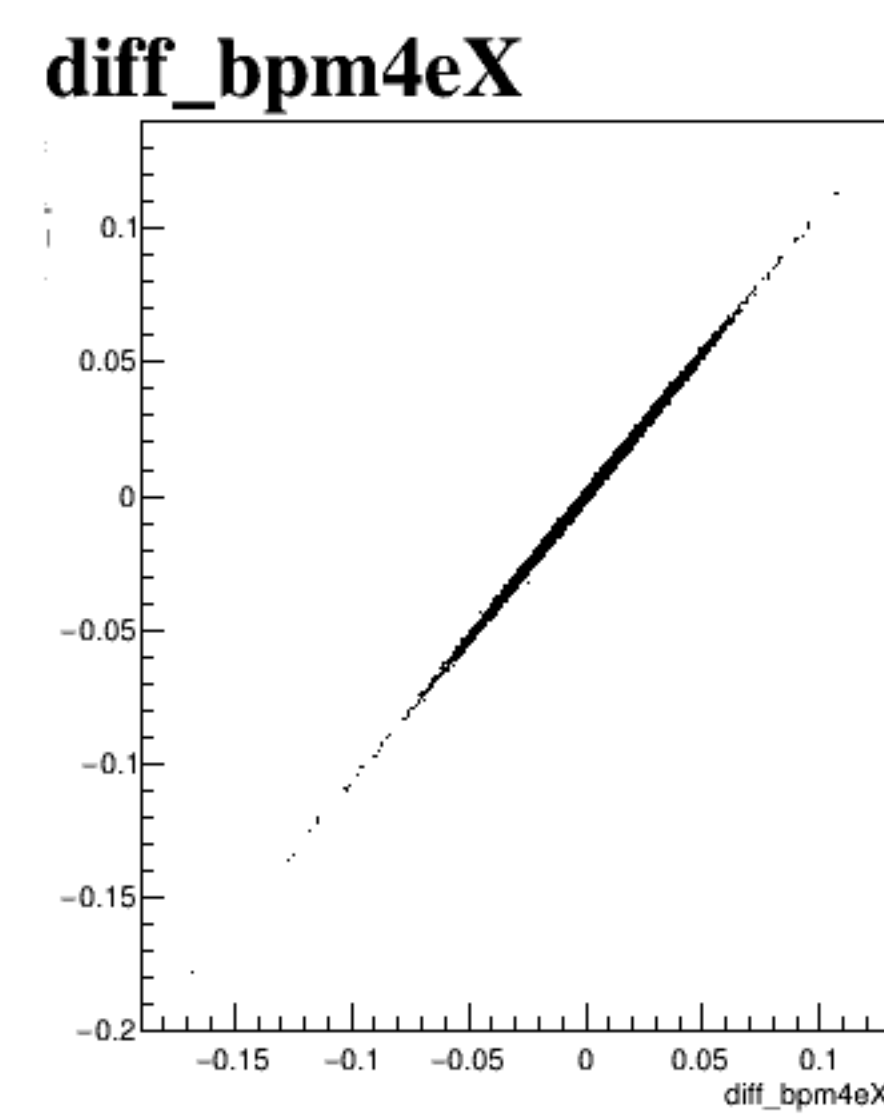
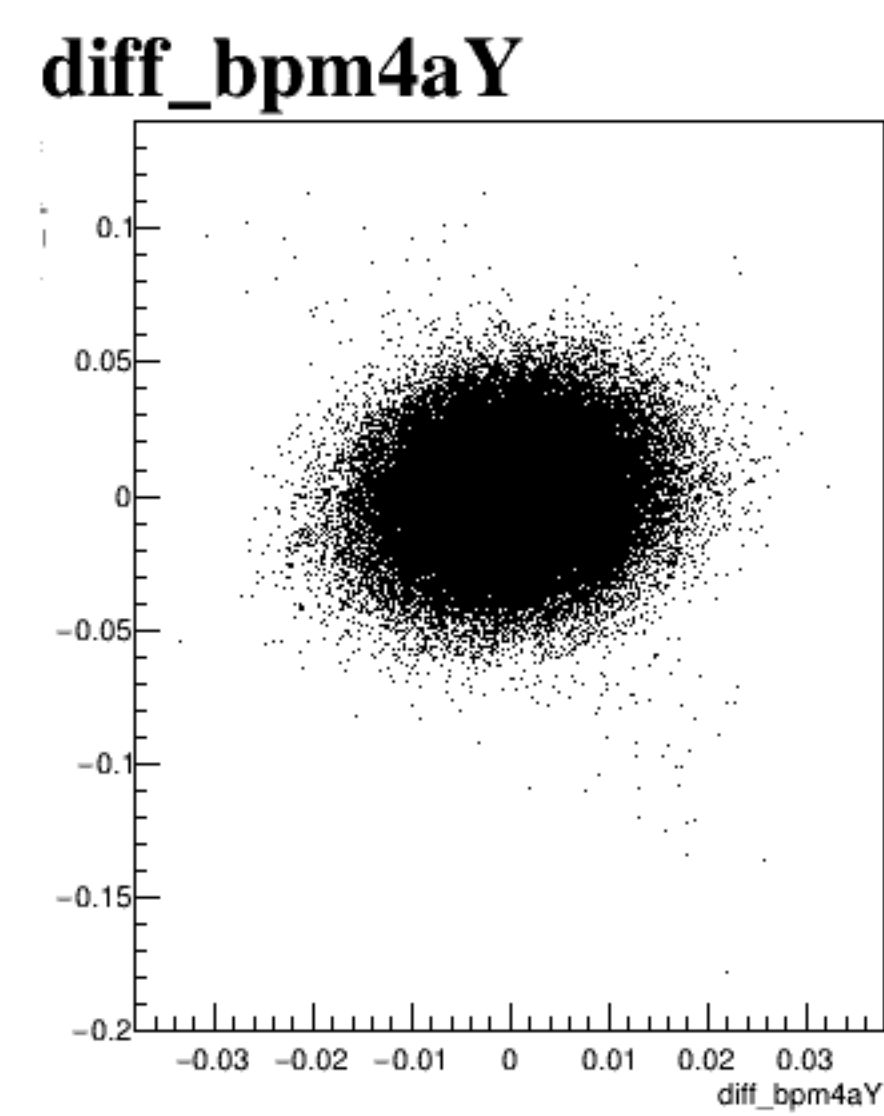
diff_bpm4eY



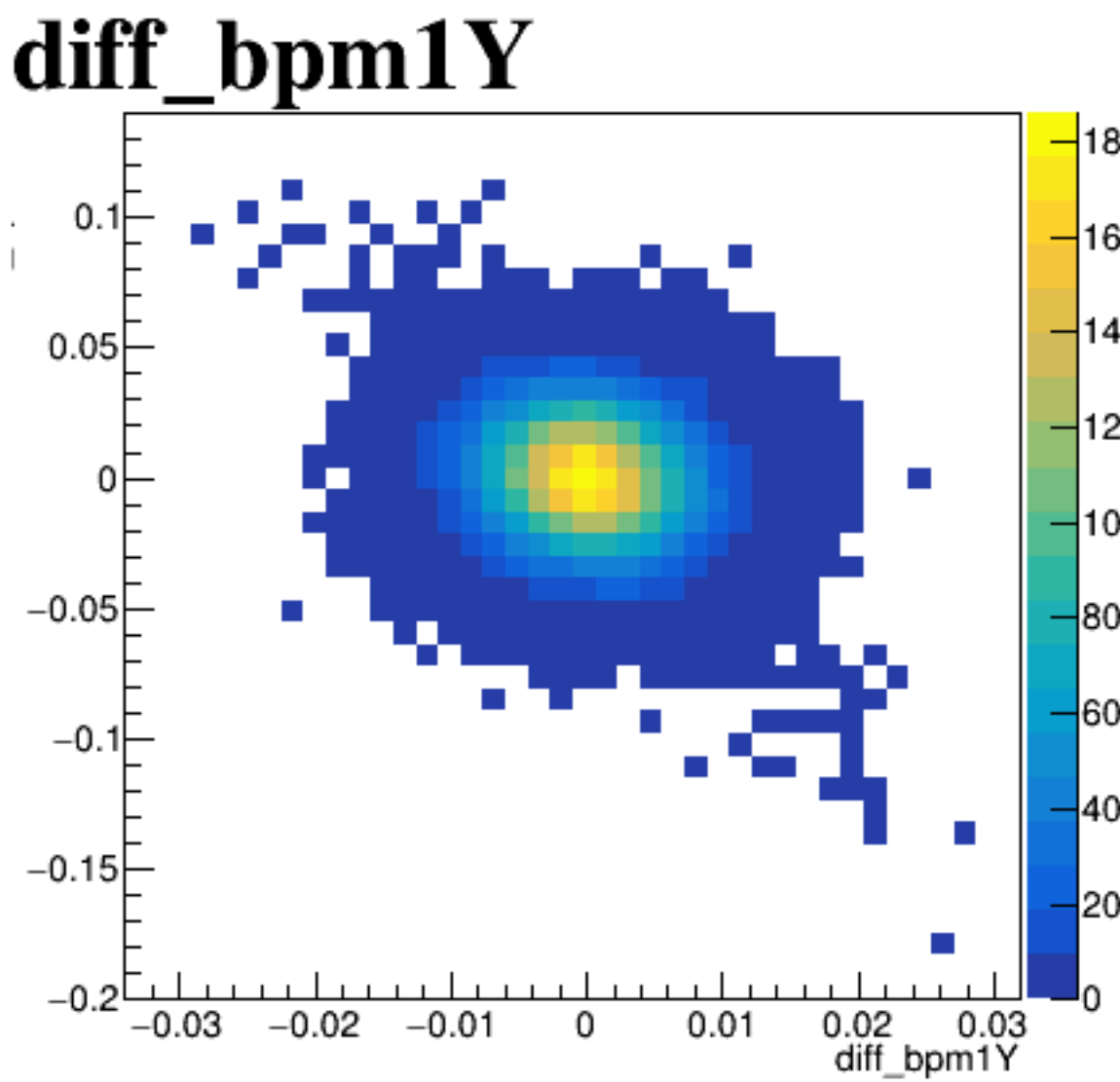
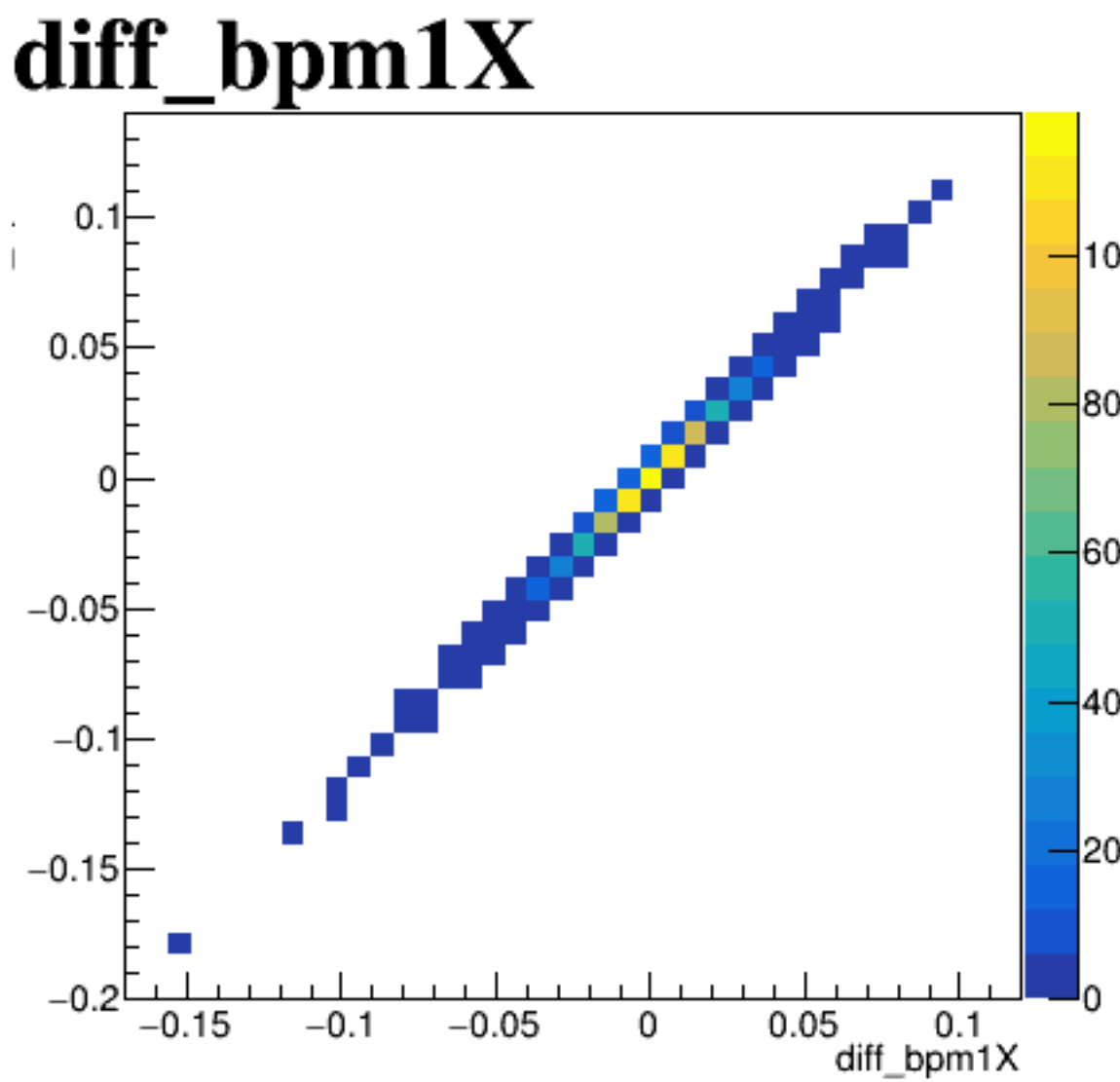
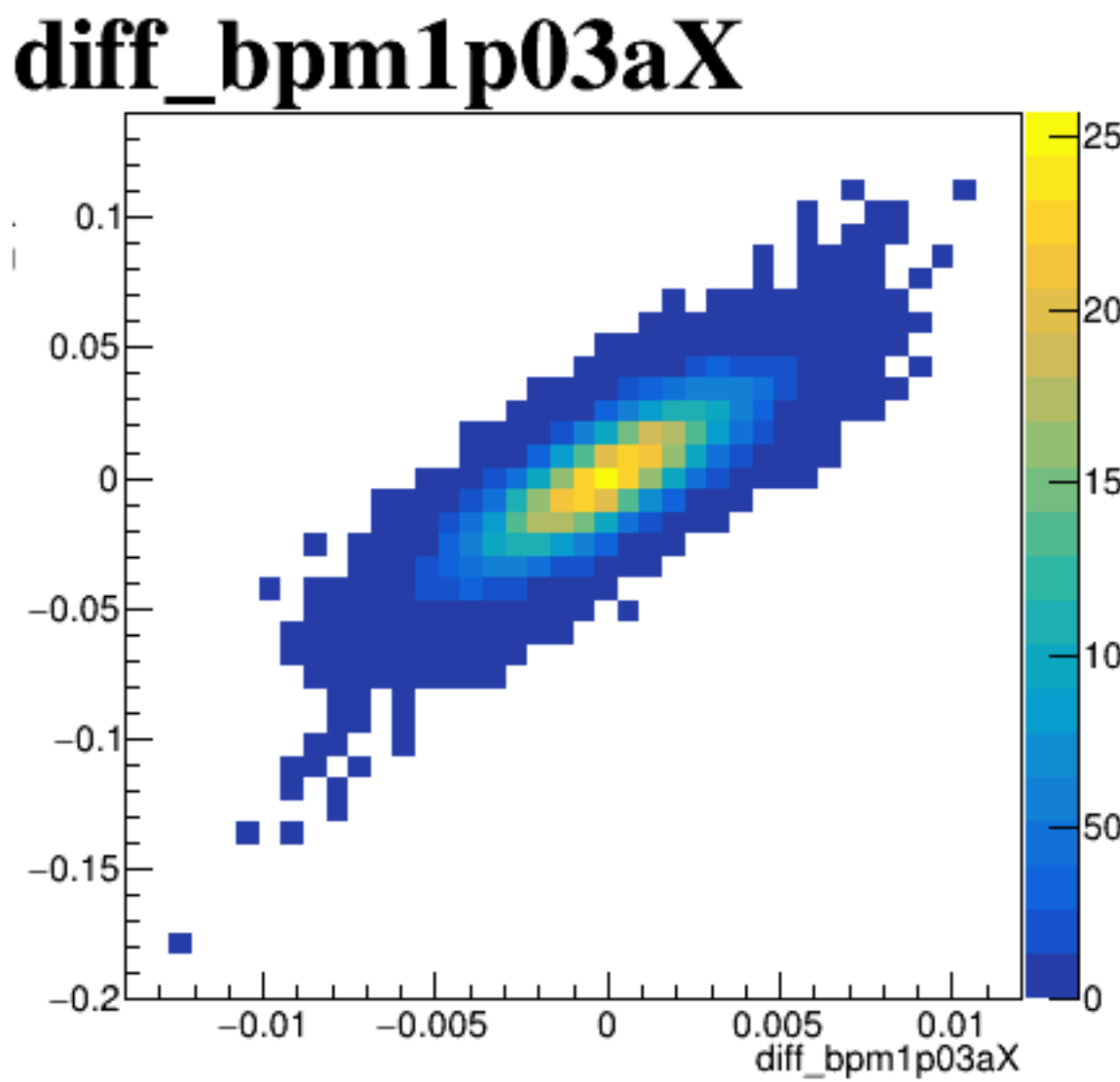
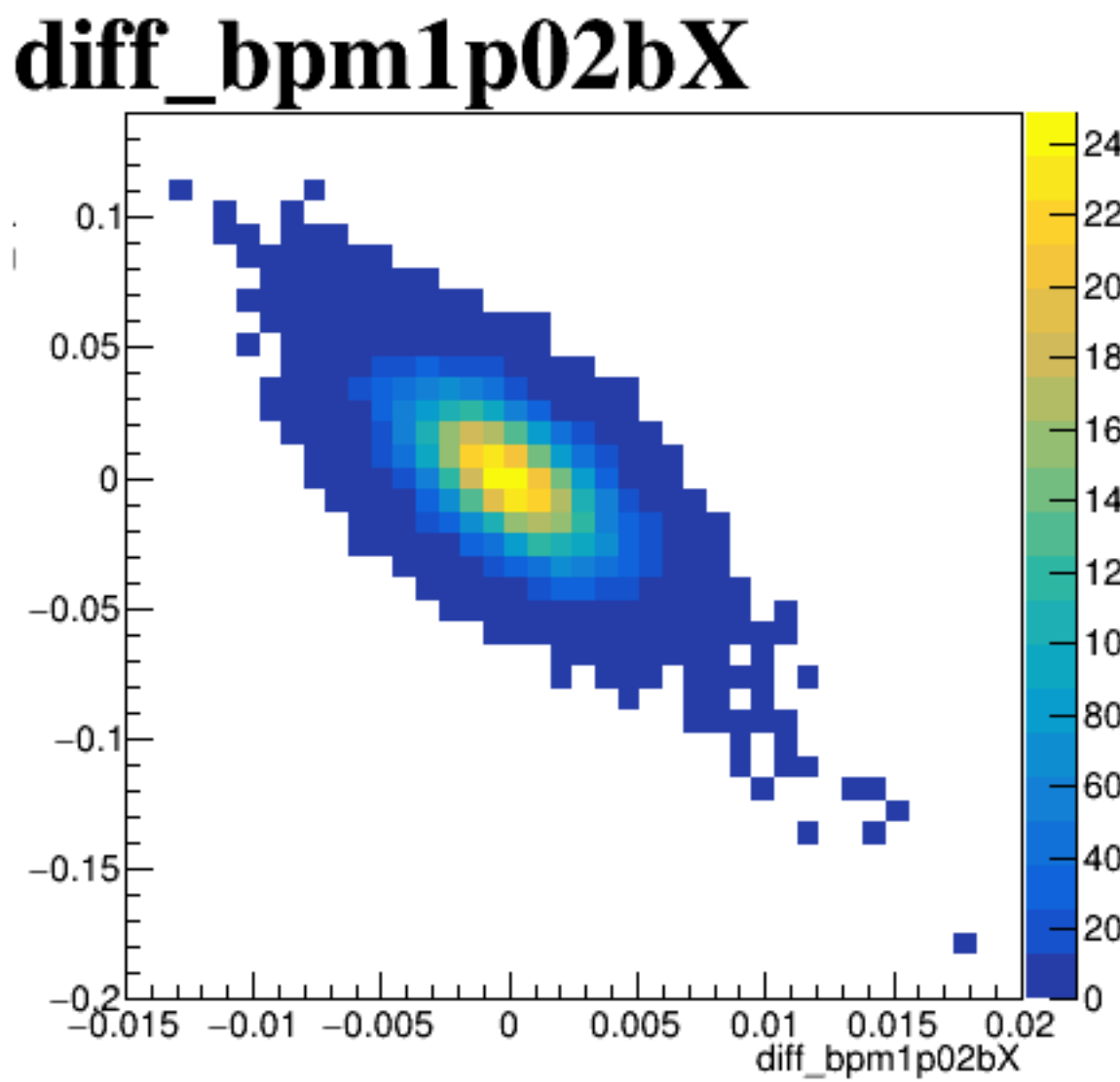
diff_bpm12X



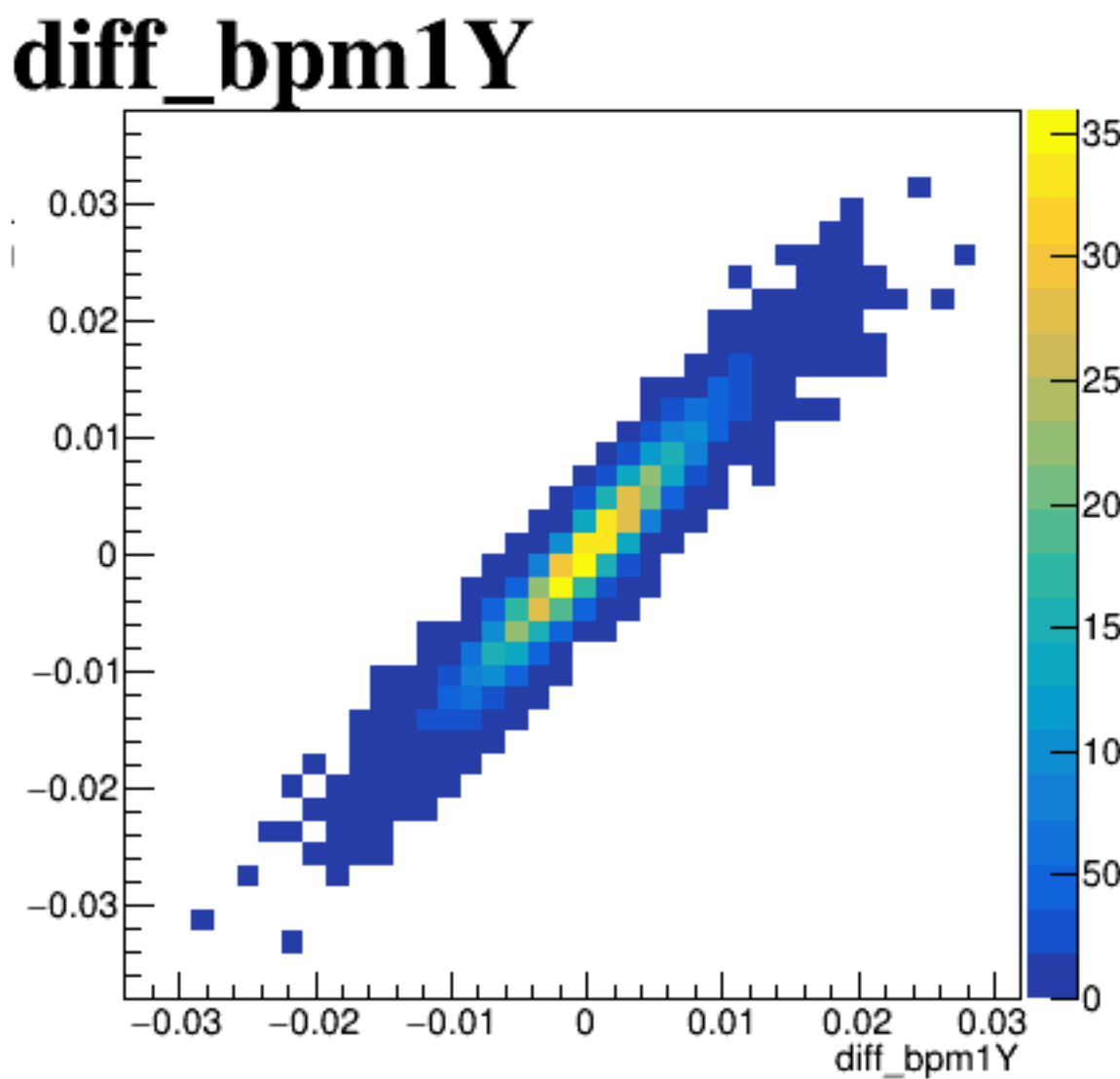
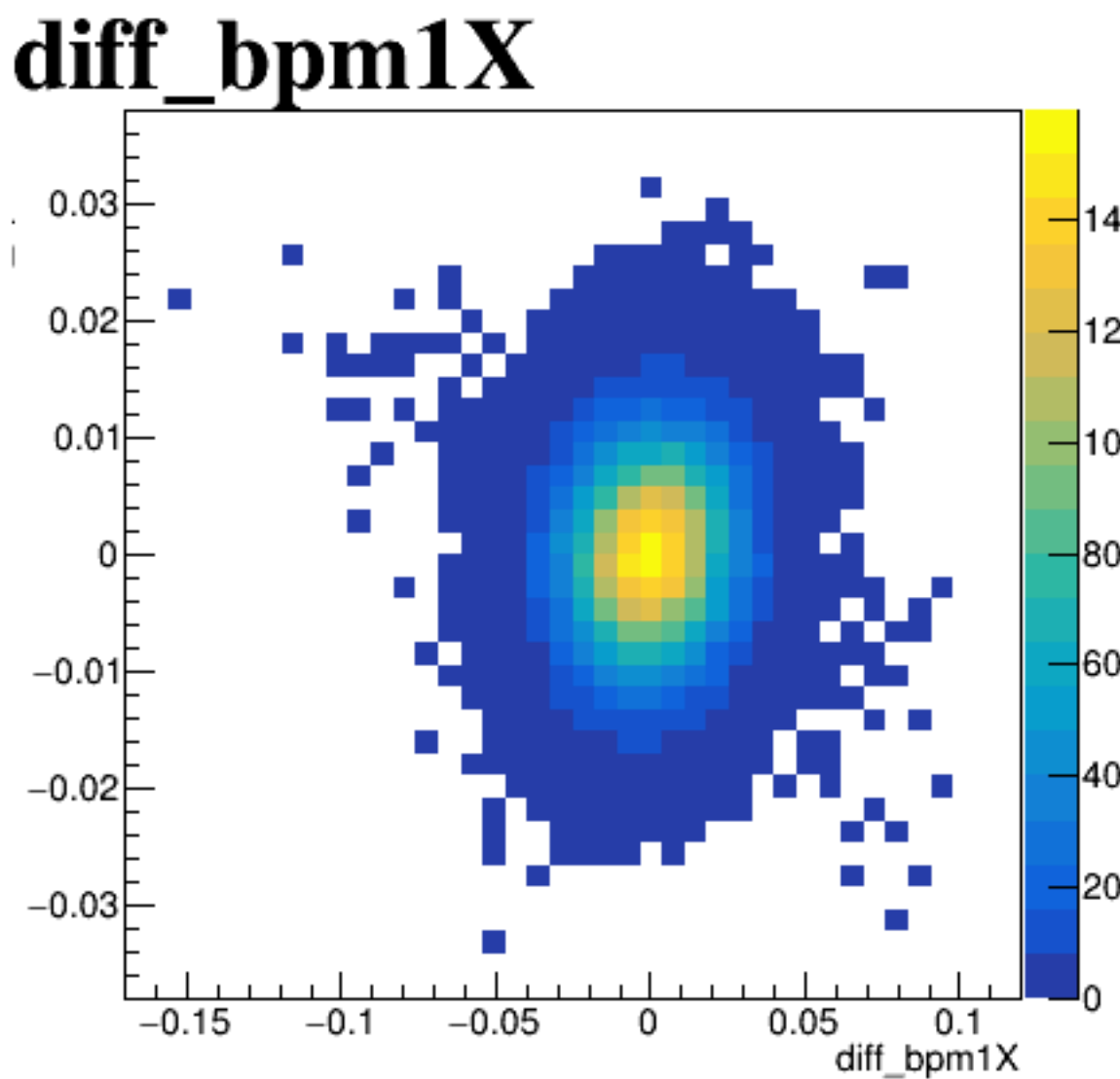
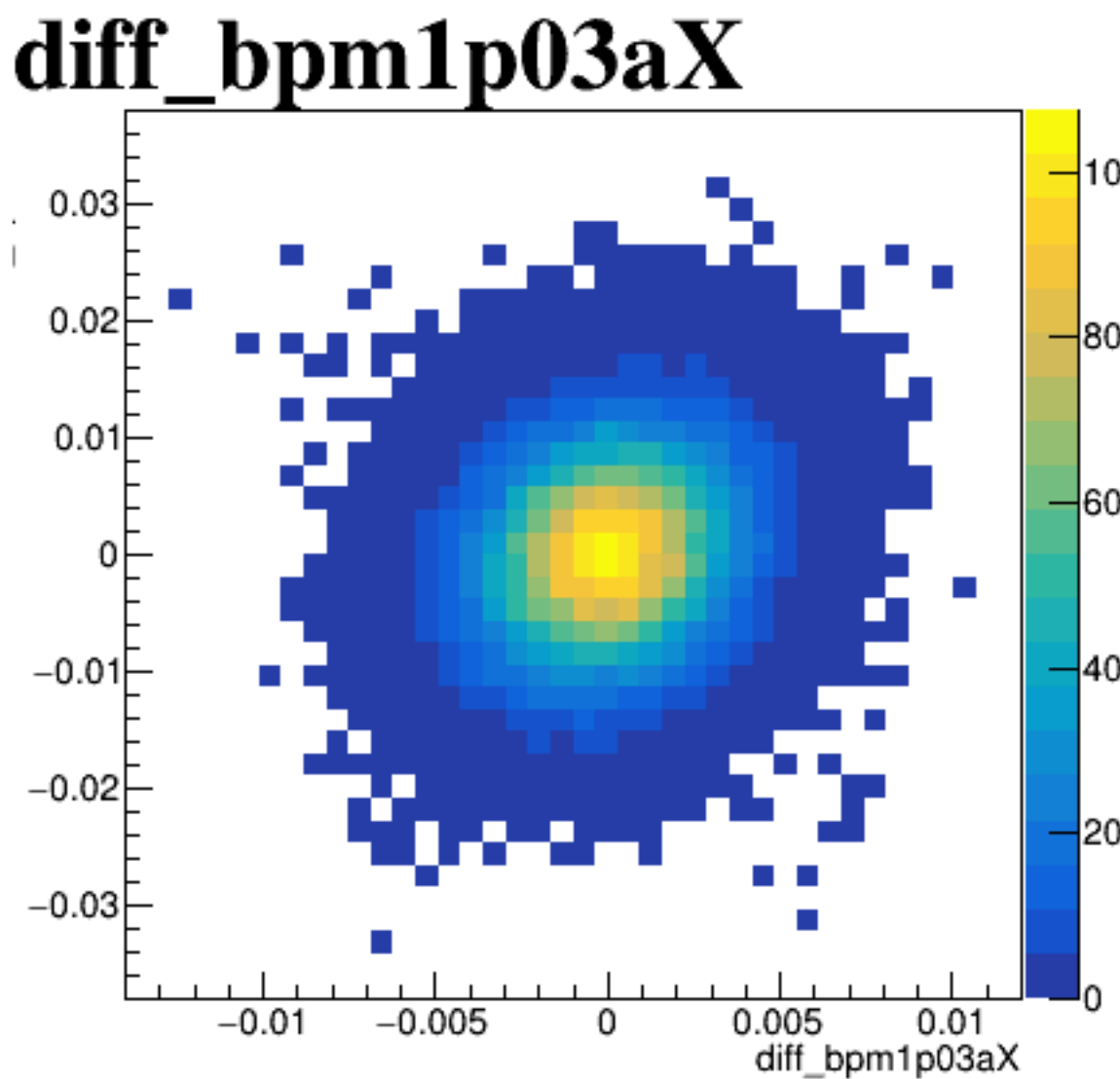
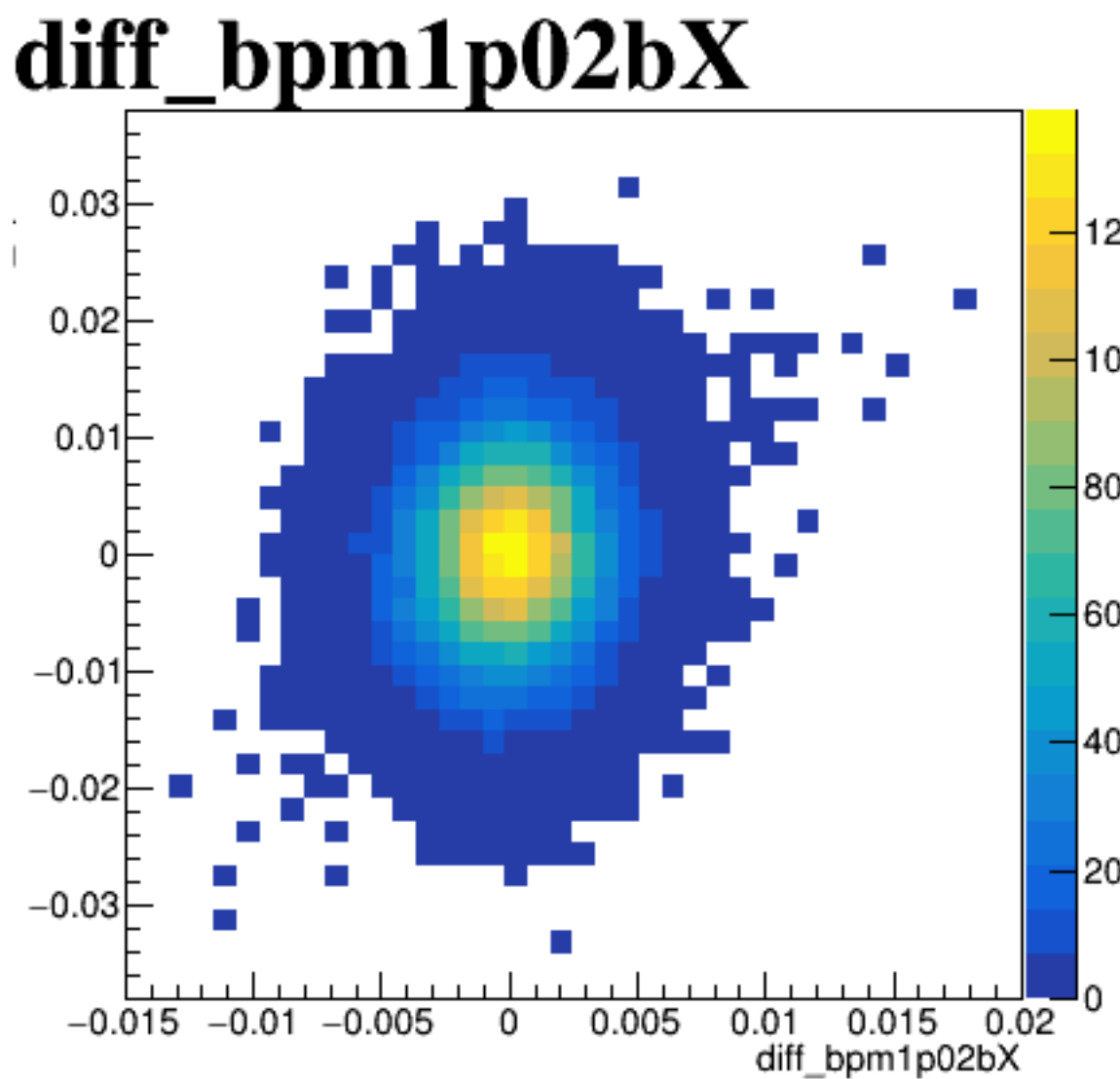
run8027_000_diff_bpm_mutual_correlation_fit_default.png



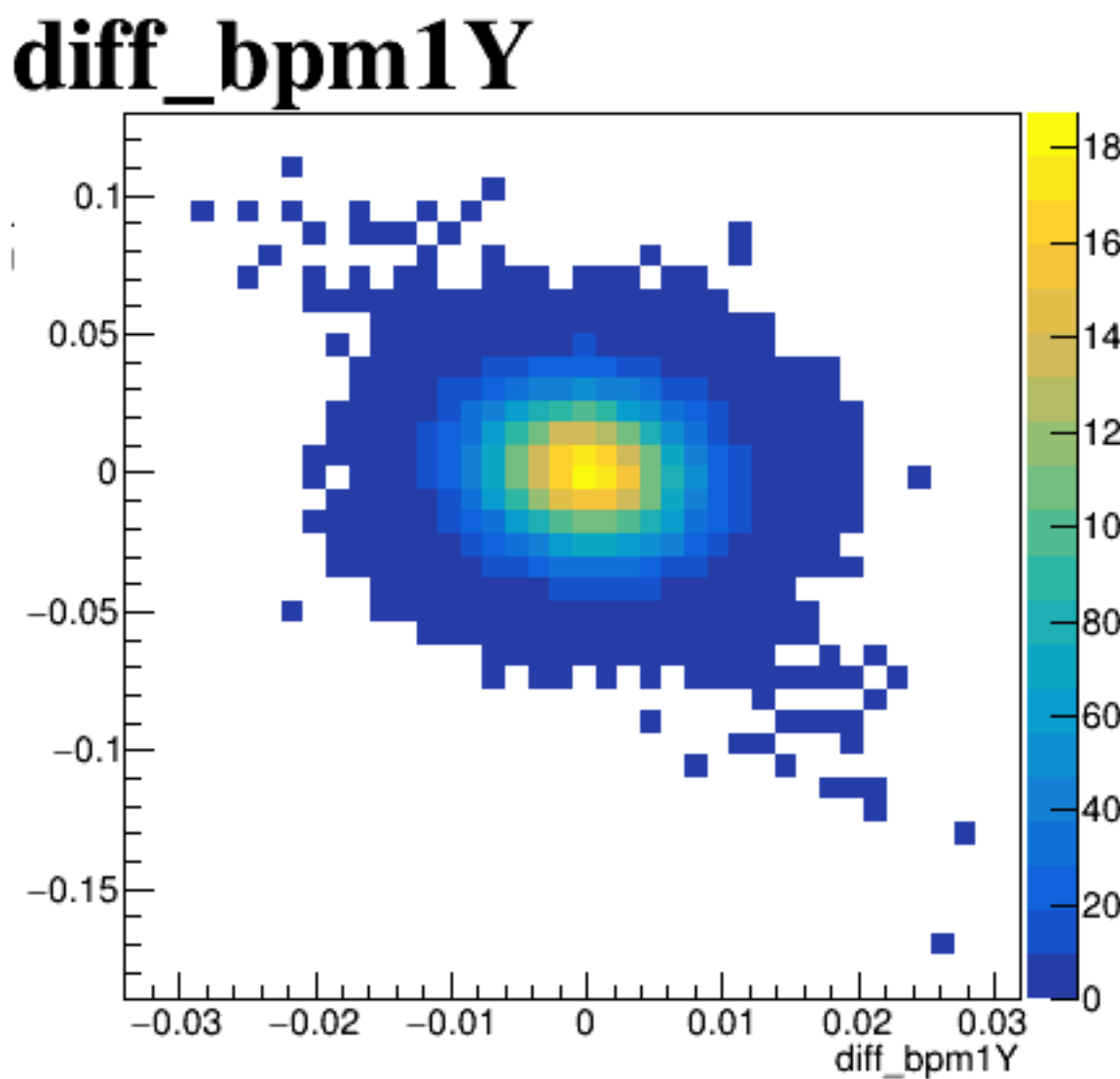
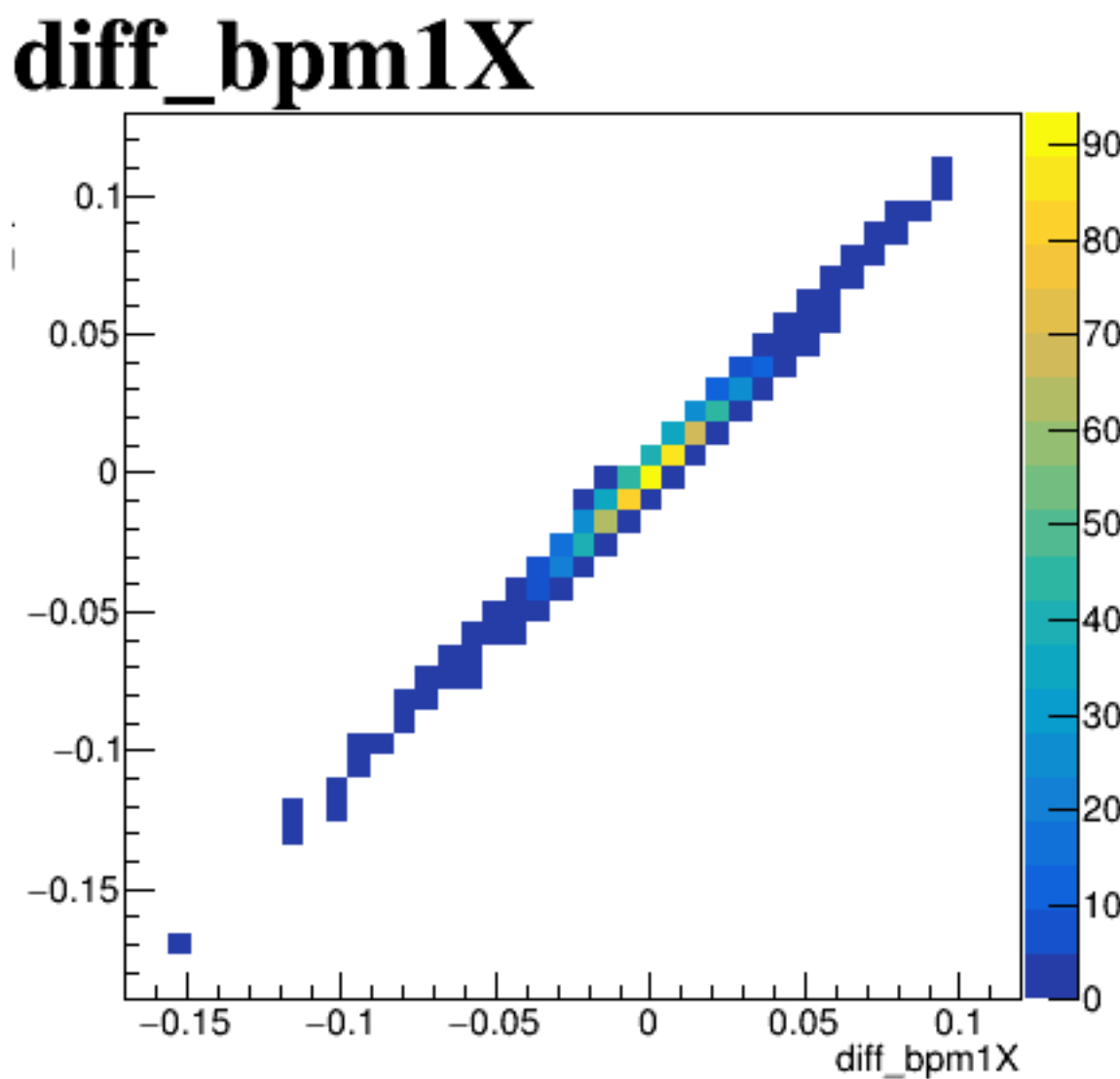
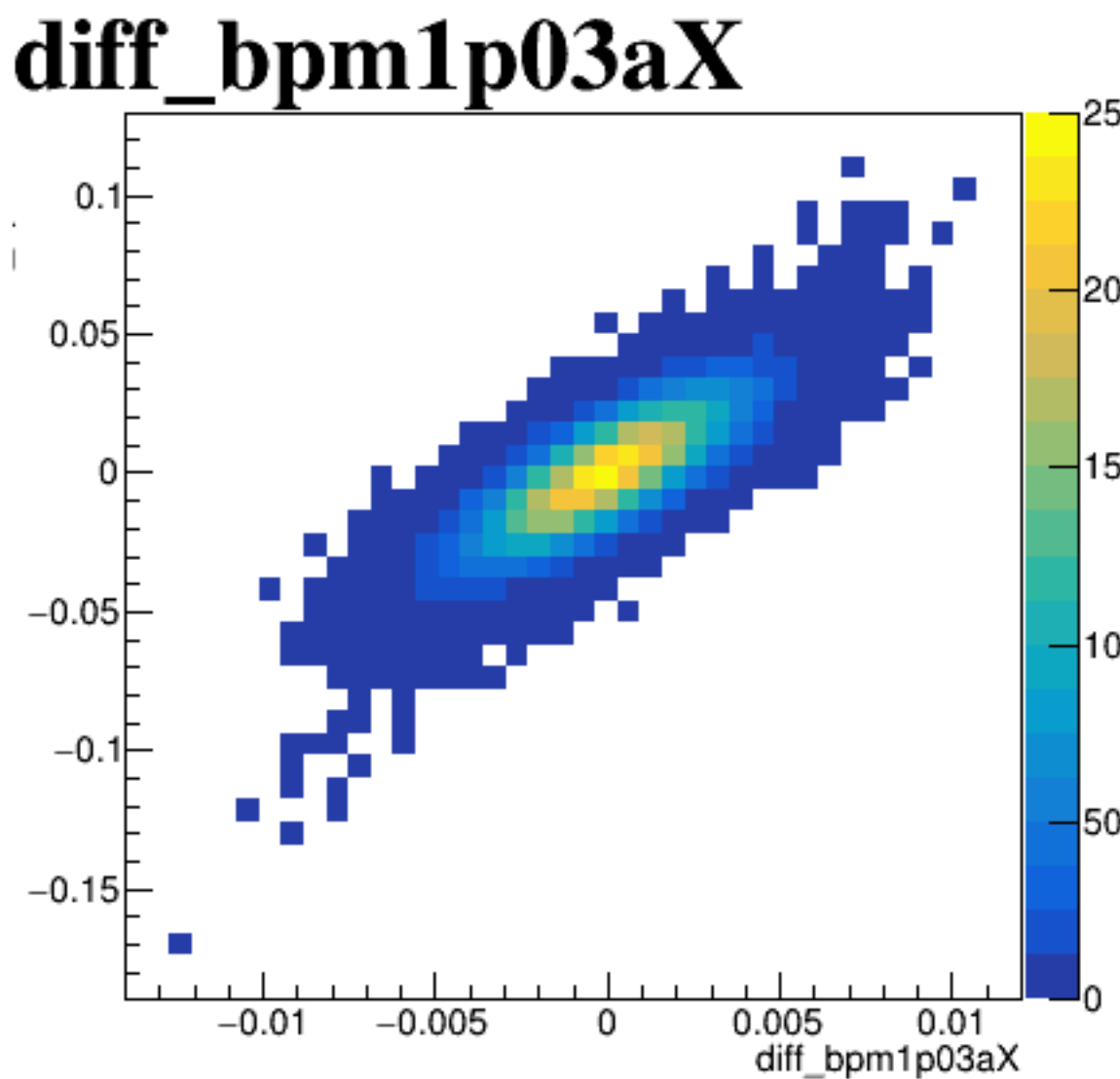
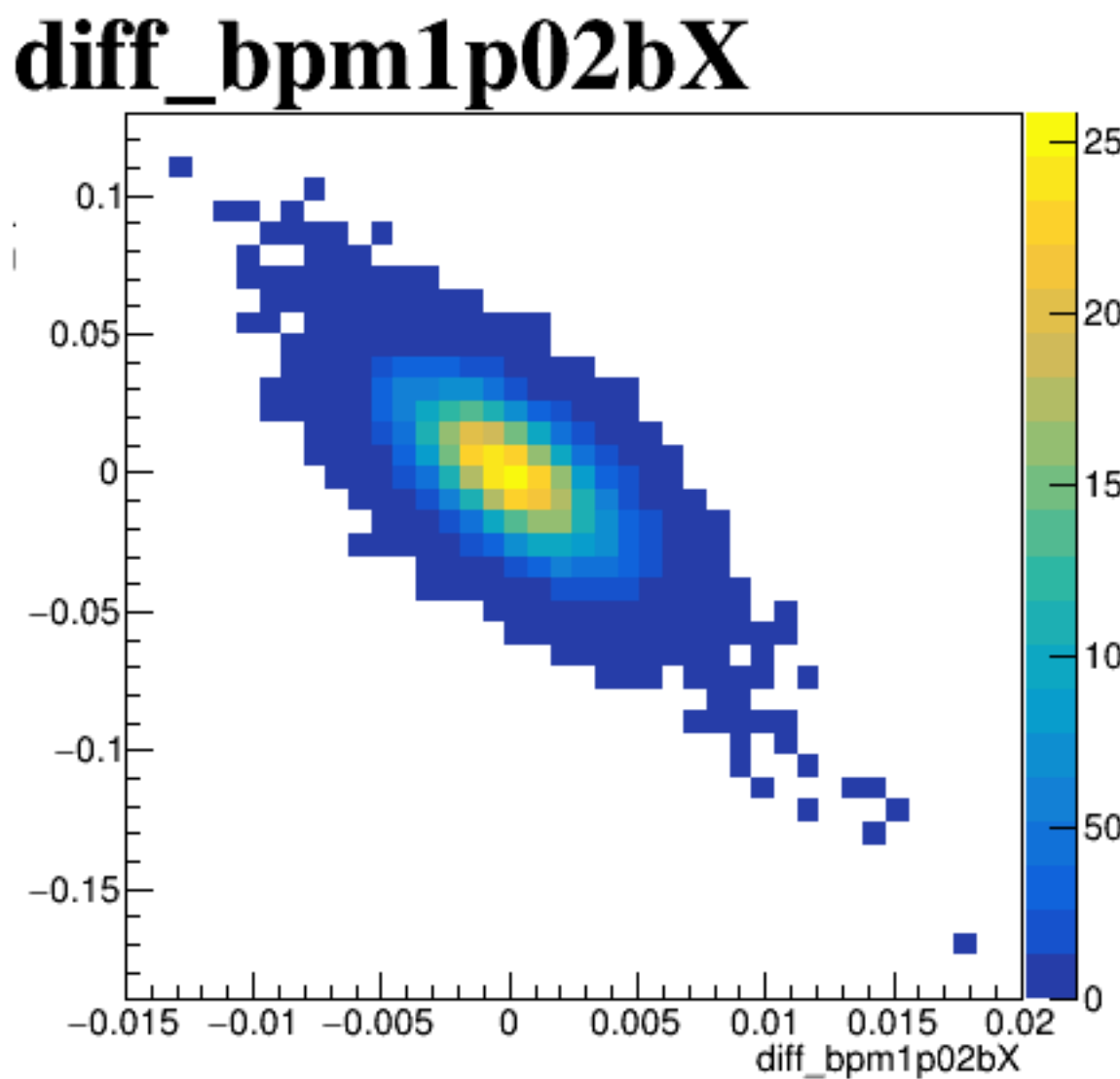
diff_bpm4aX



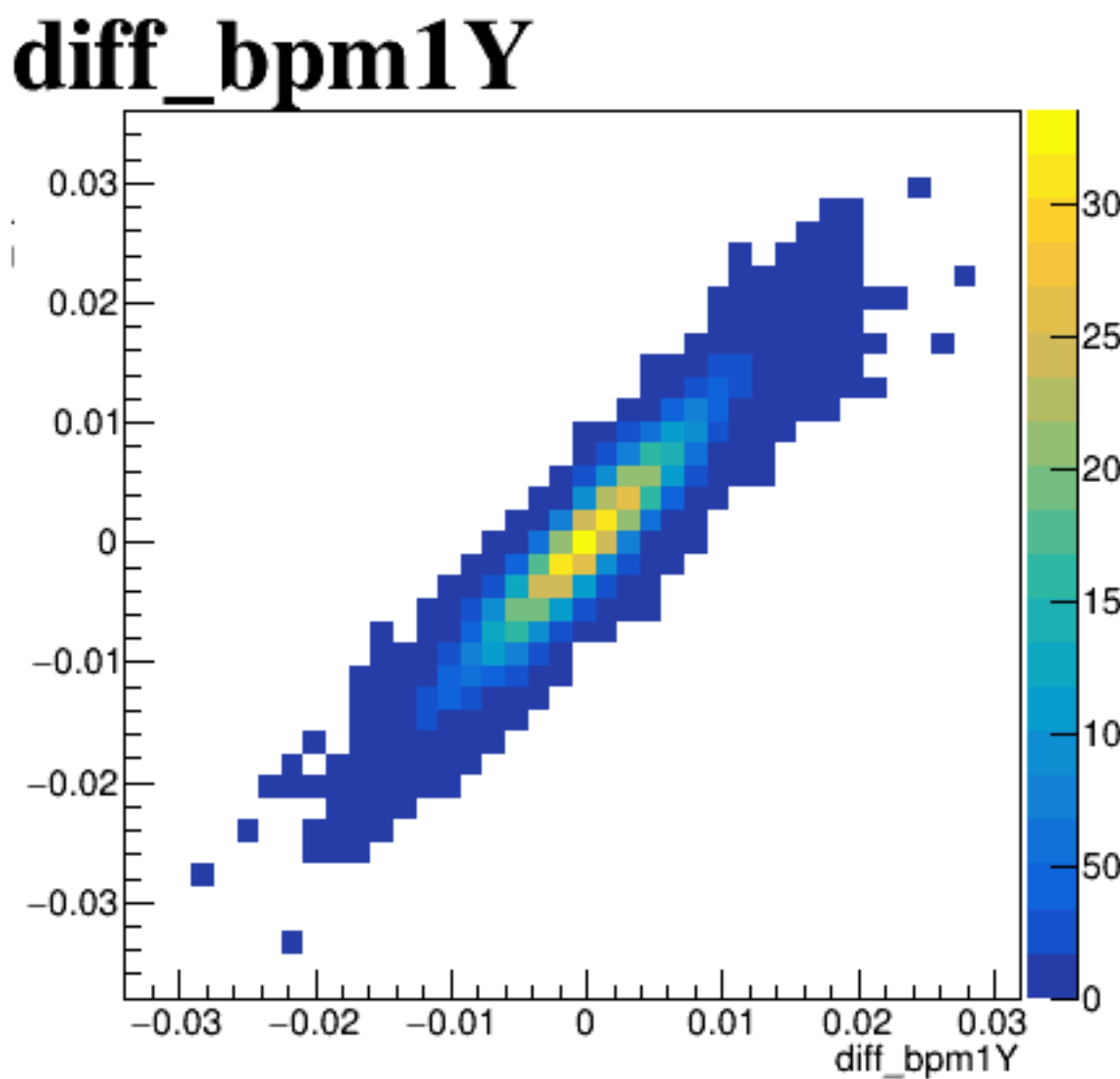
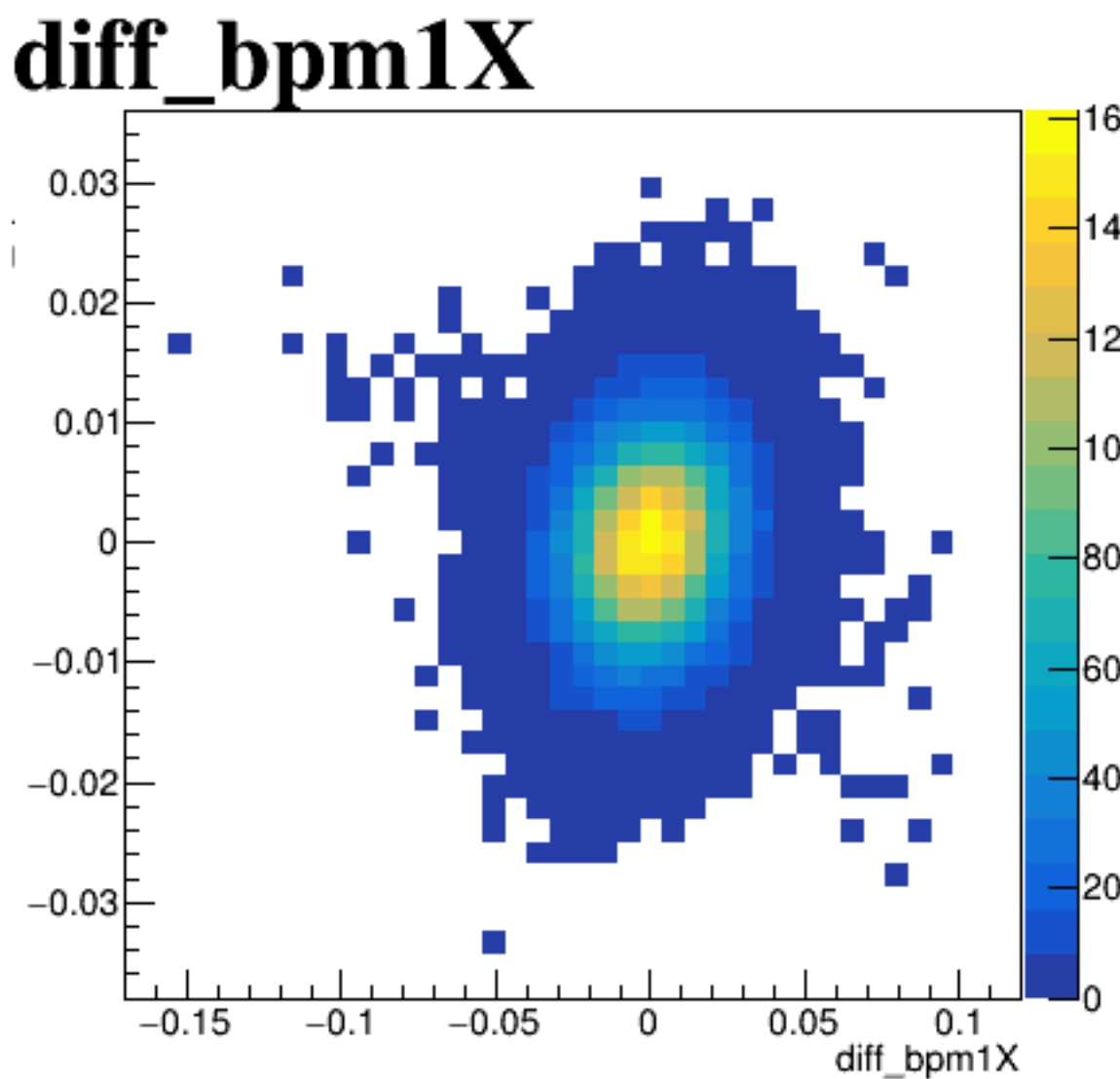
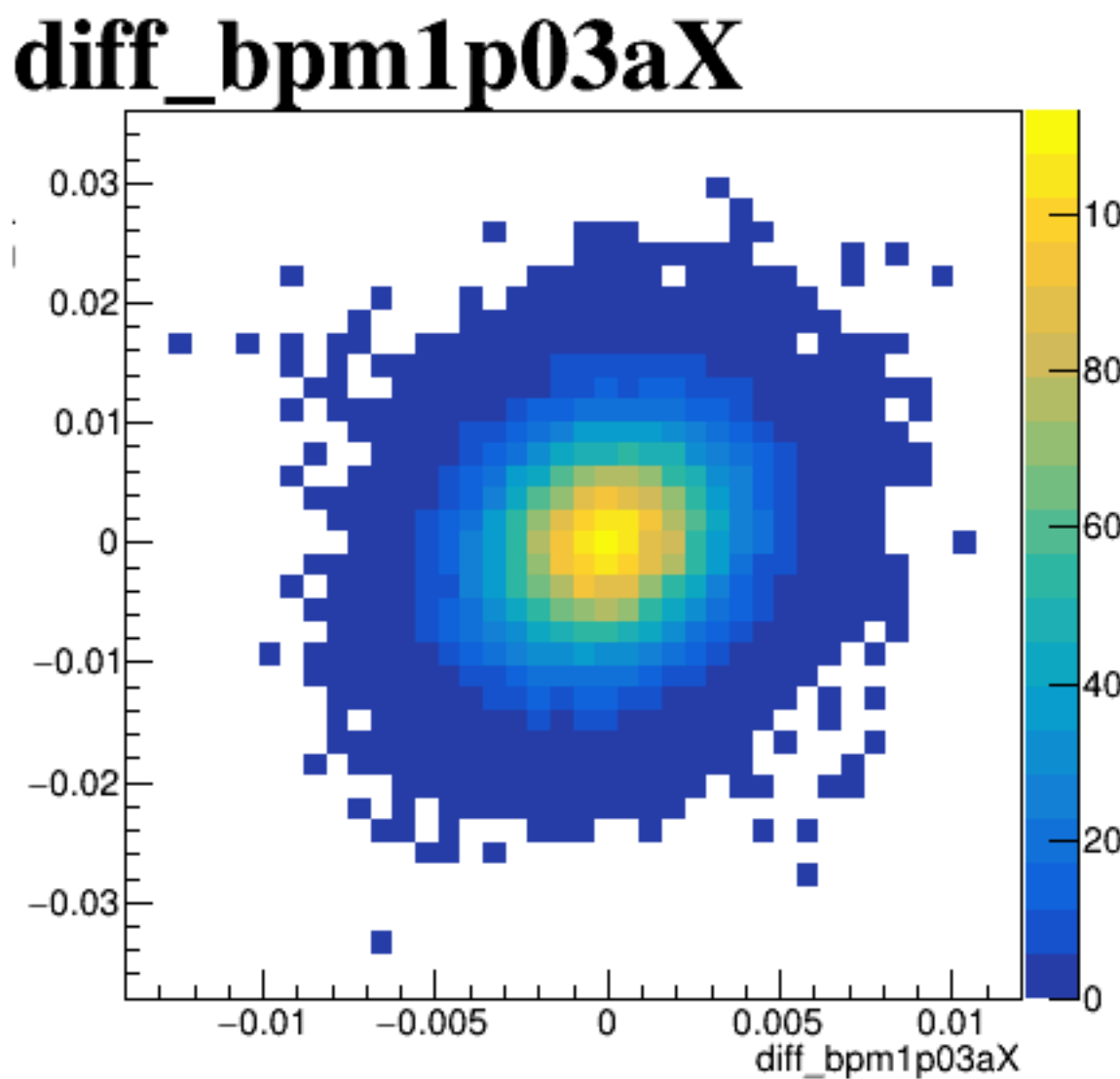
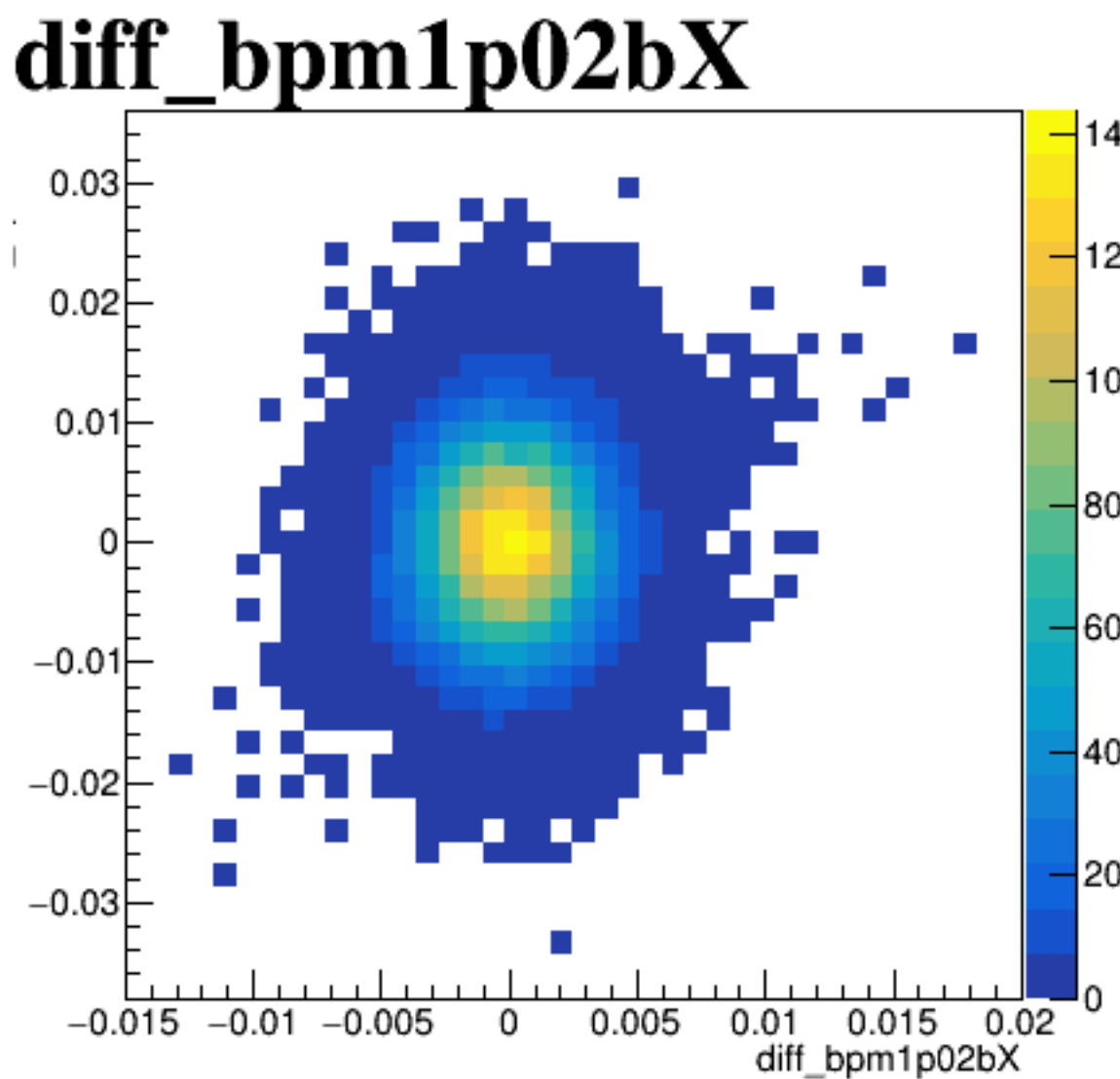
diff_bpm4aY



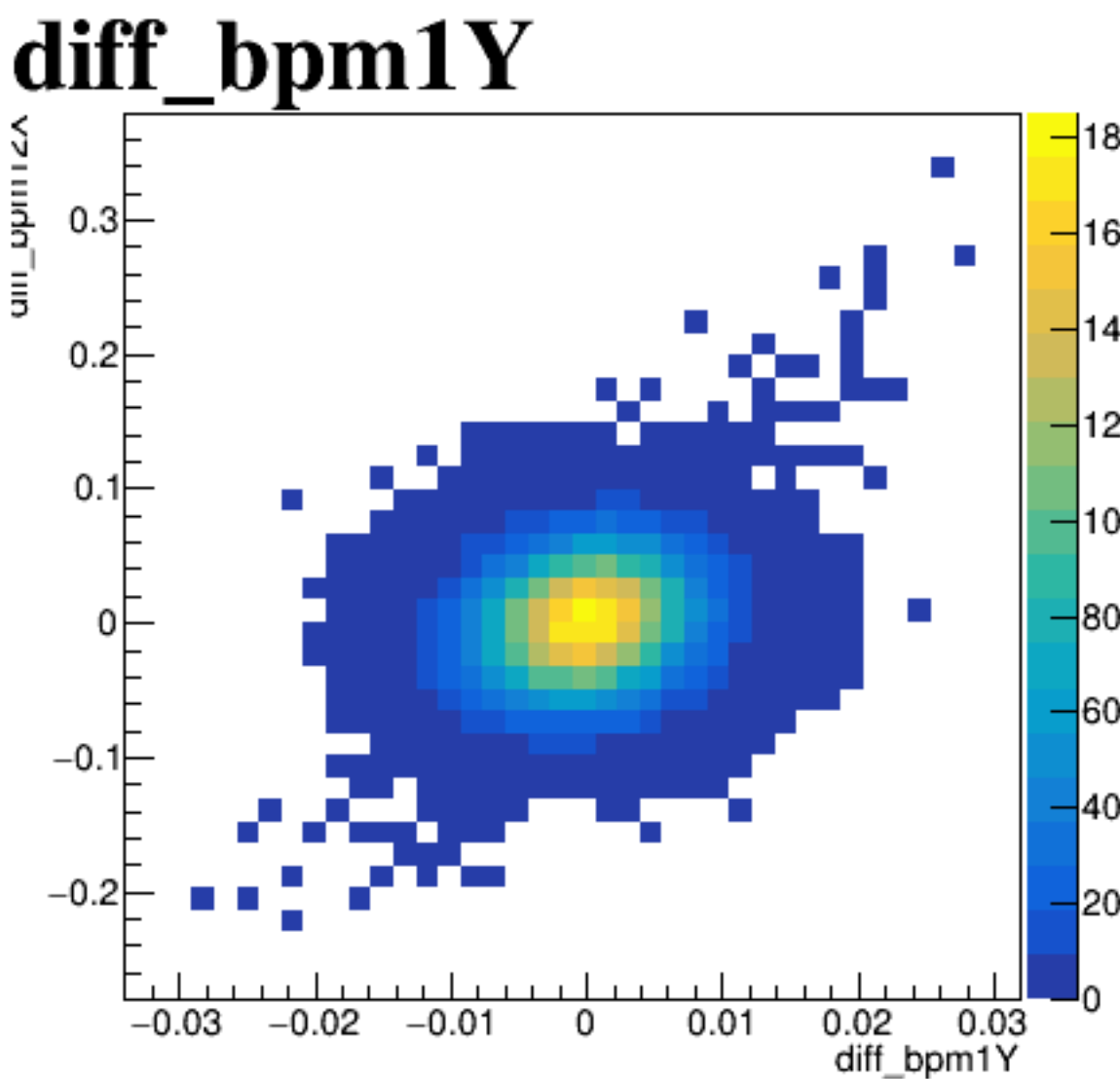
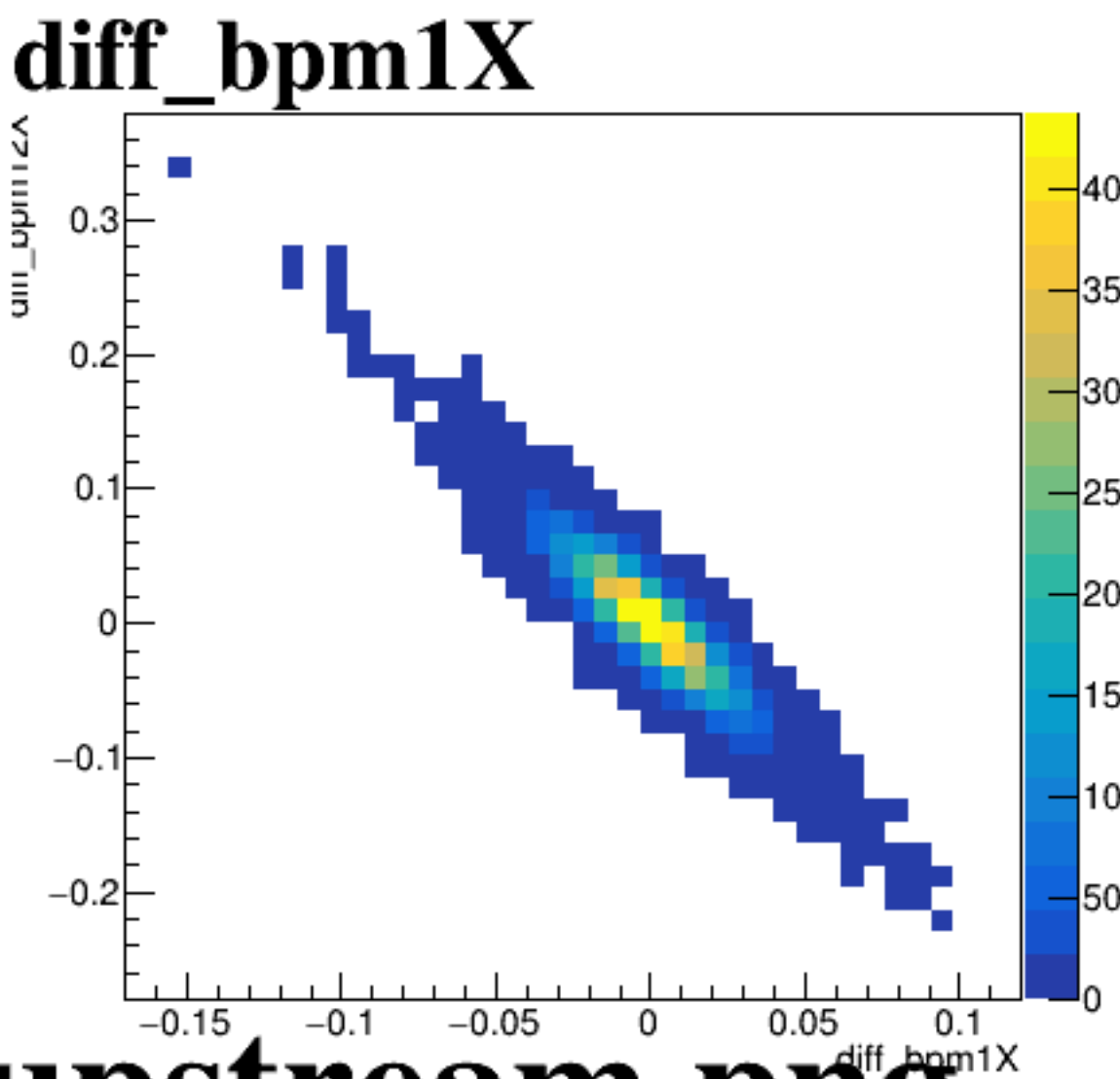
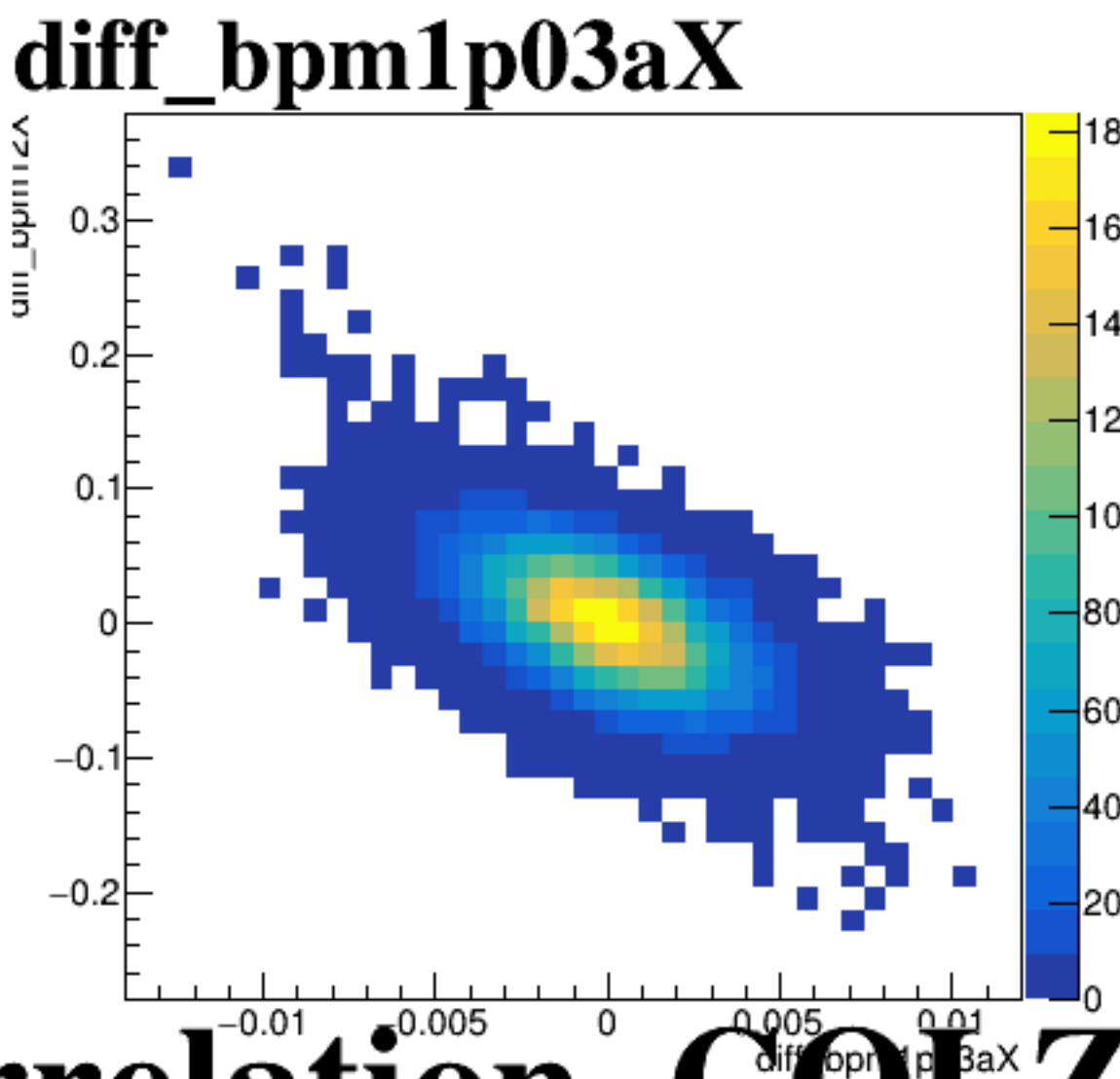
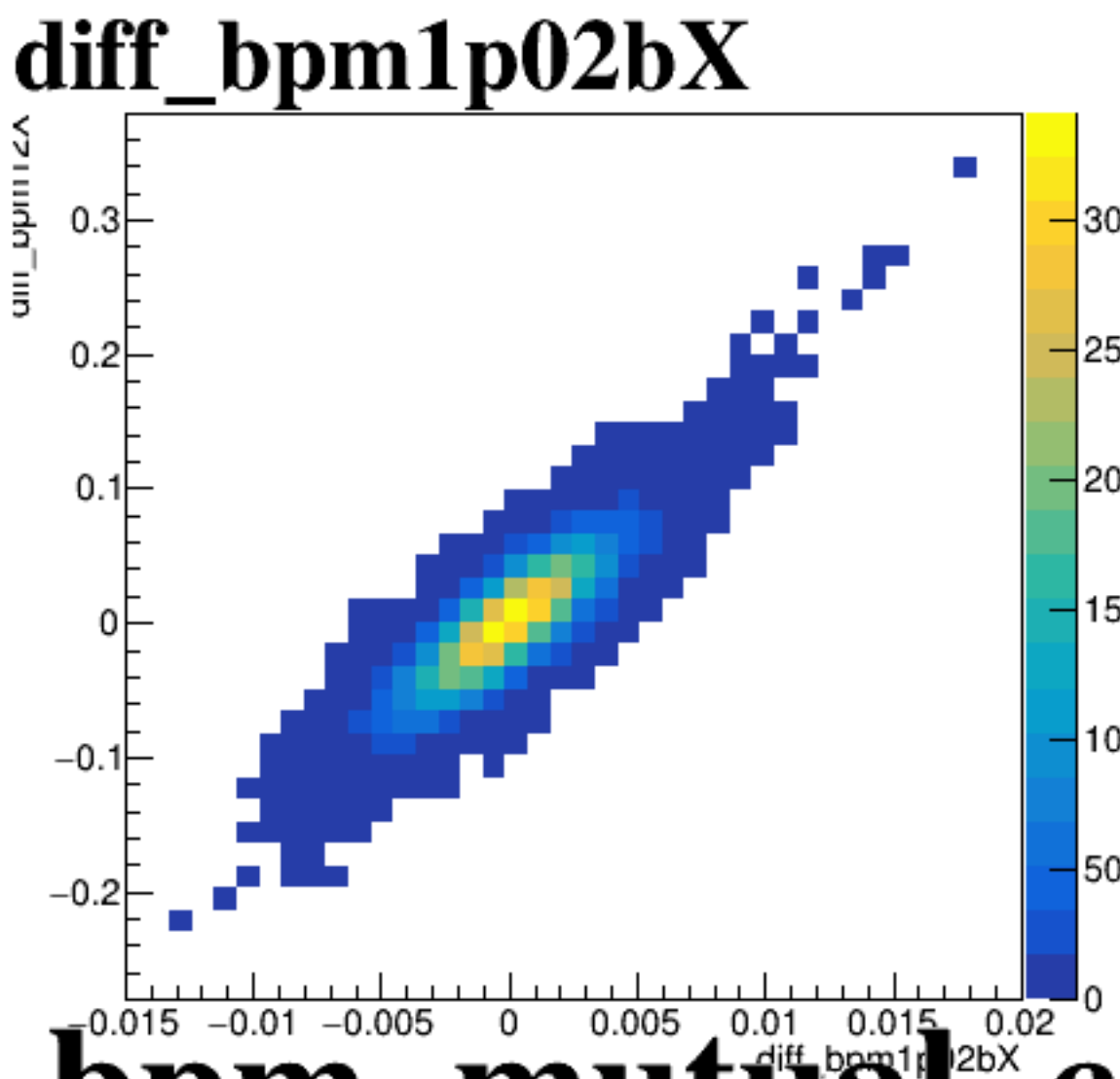
diff_bpm4eX



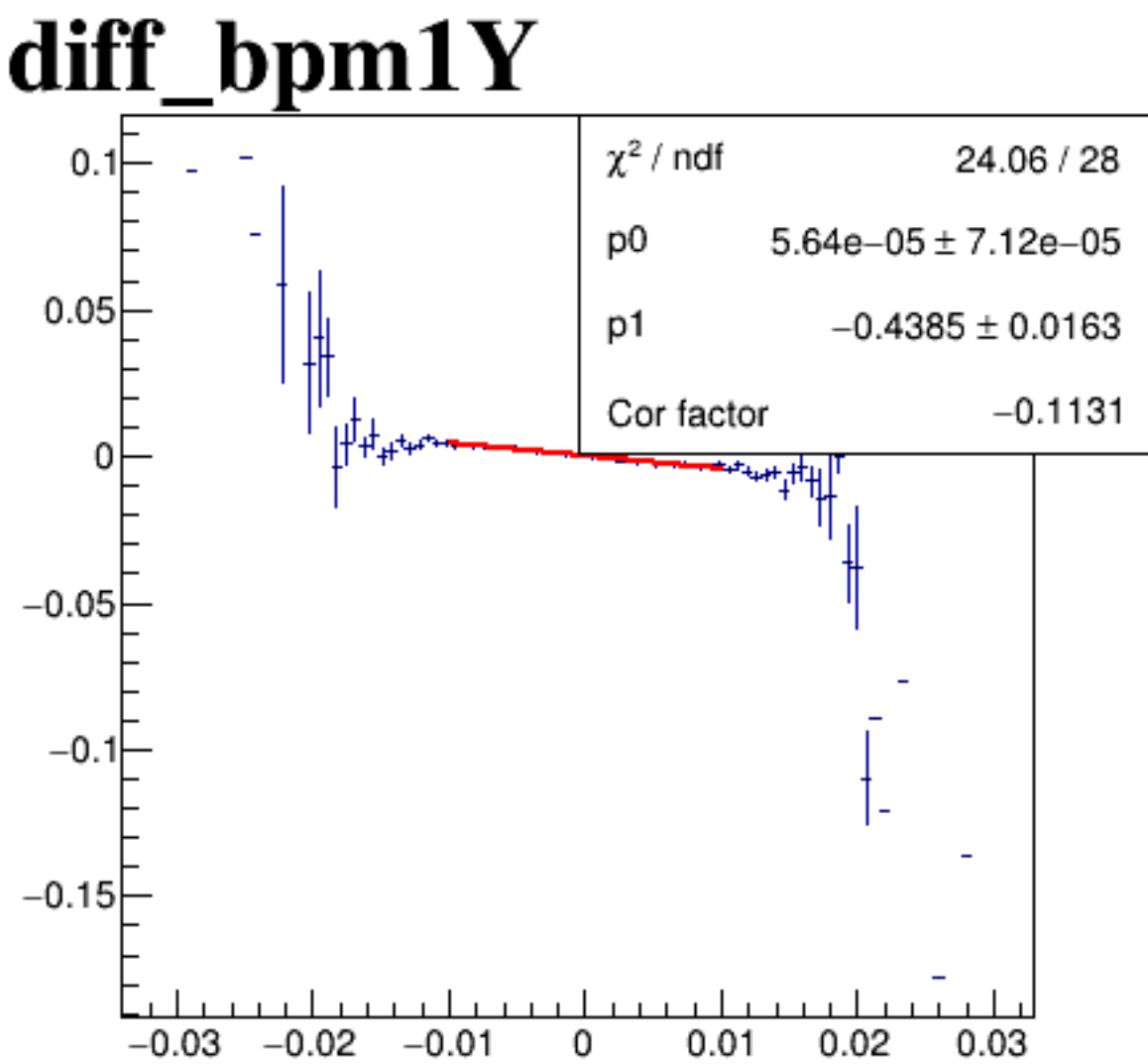
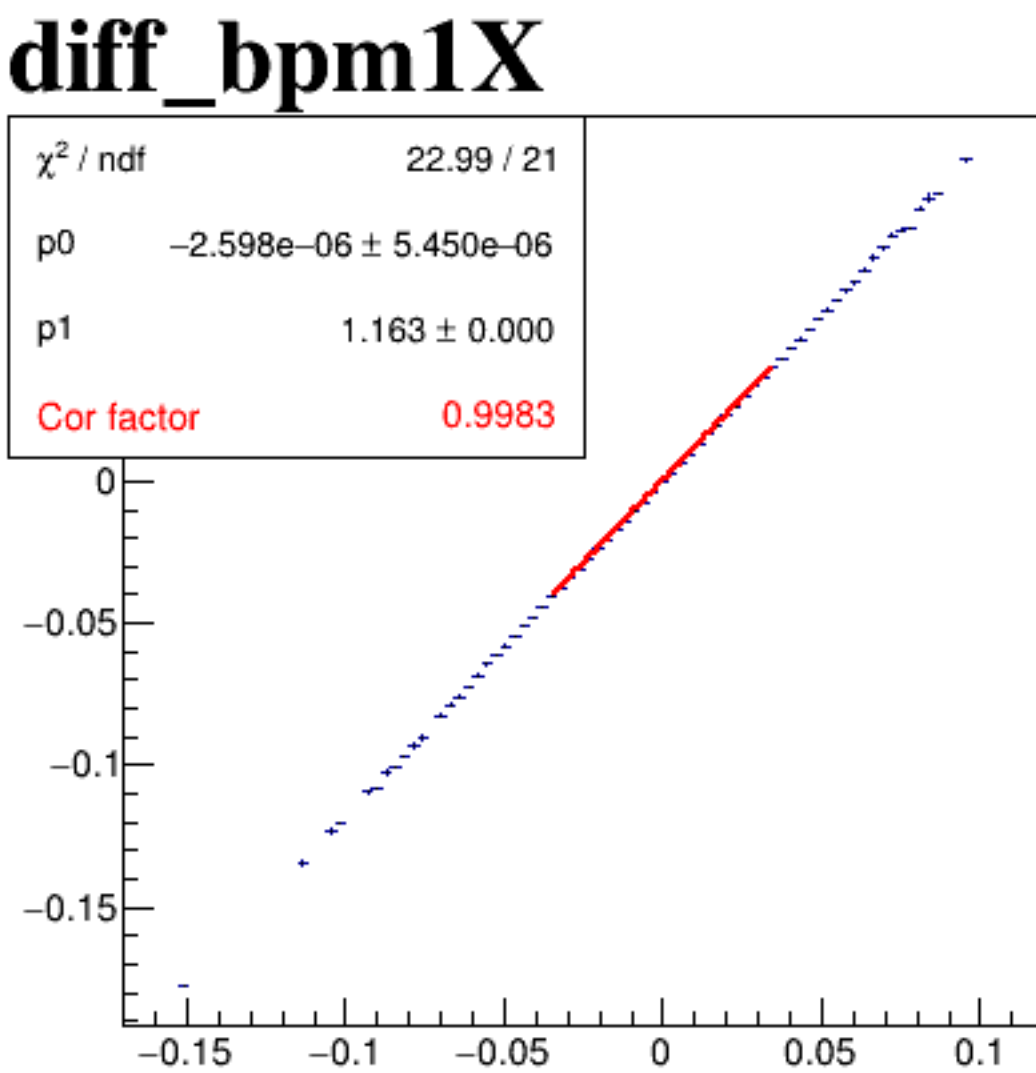
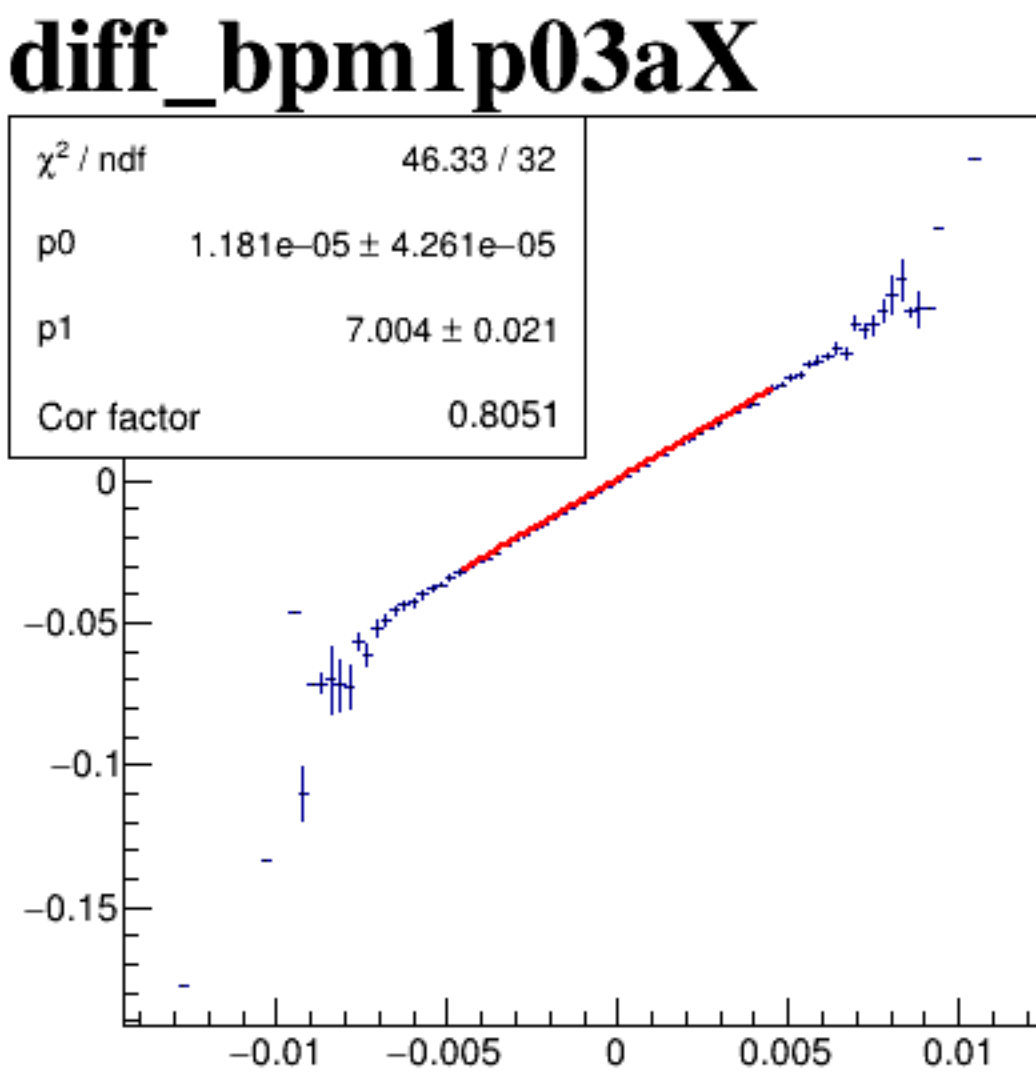
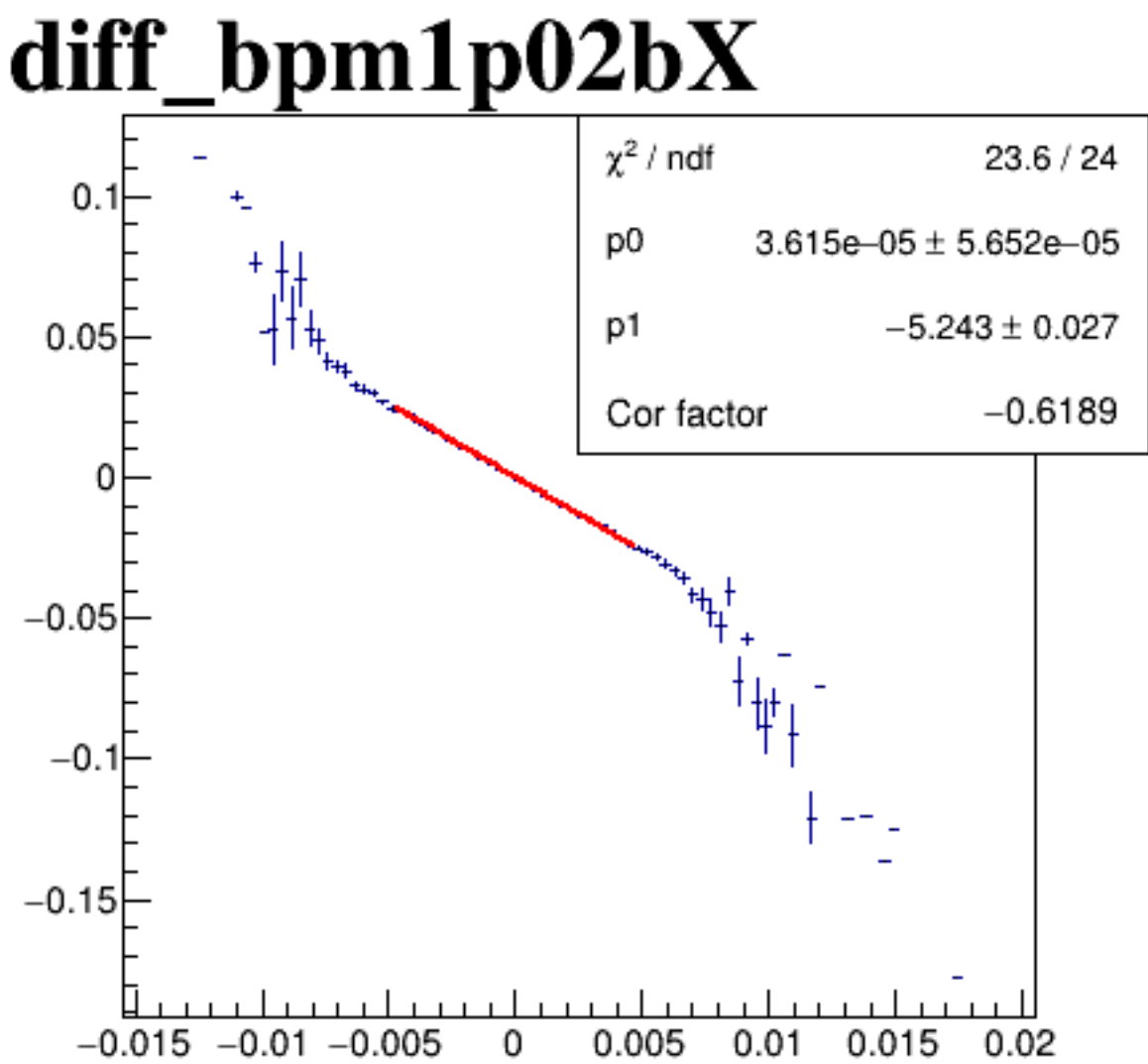
diff_bpm4eY



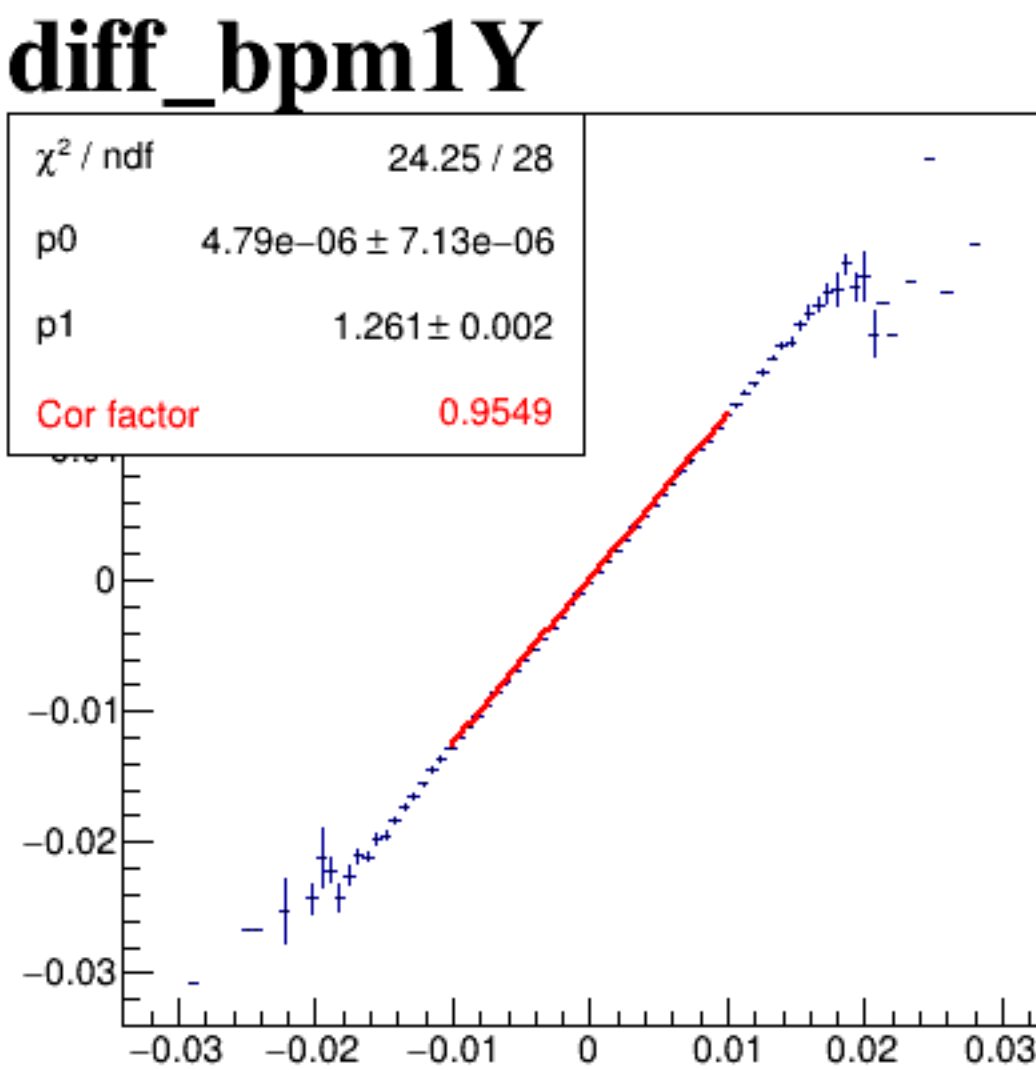
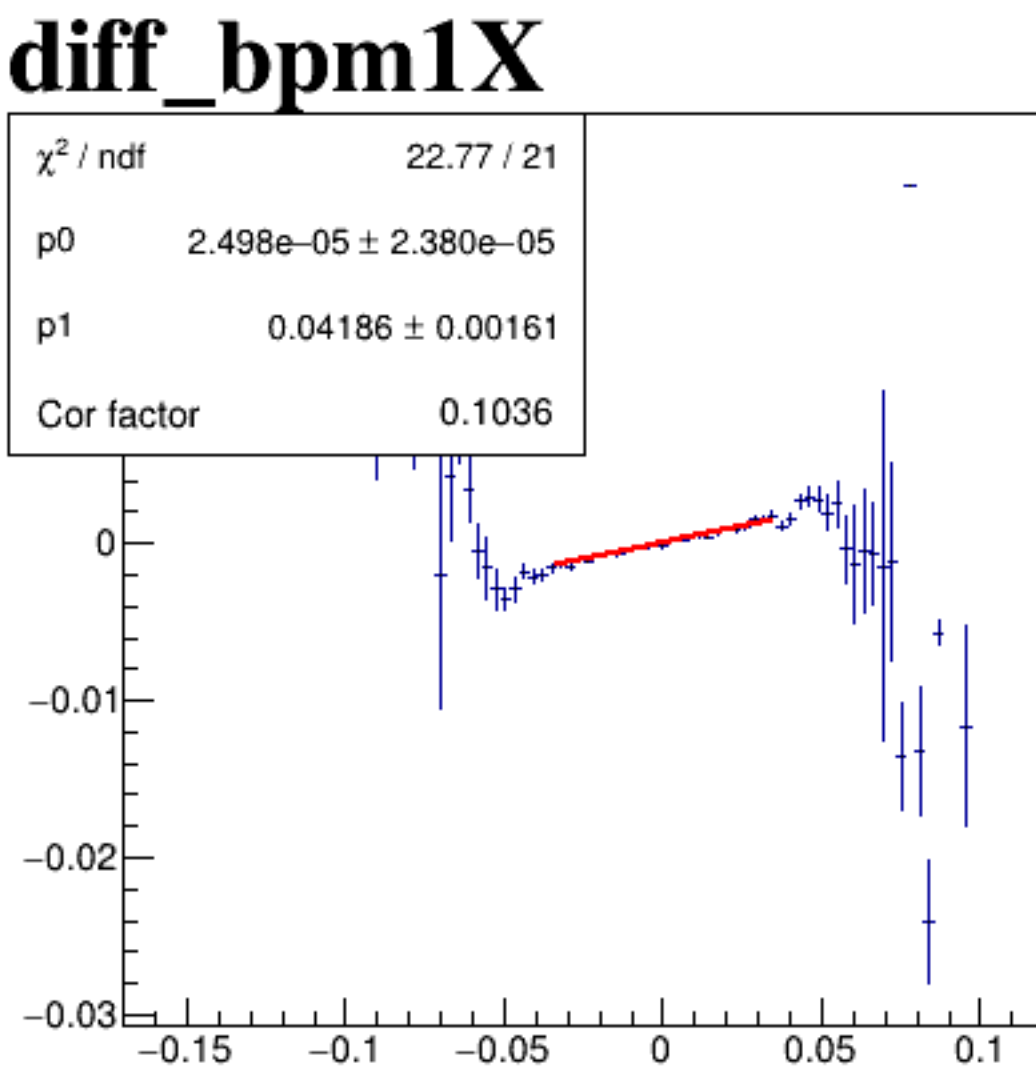
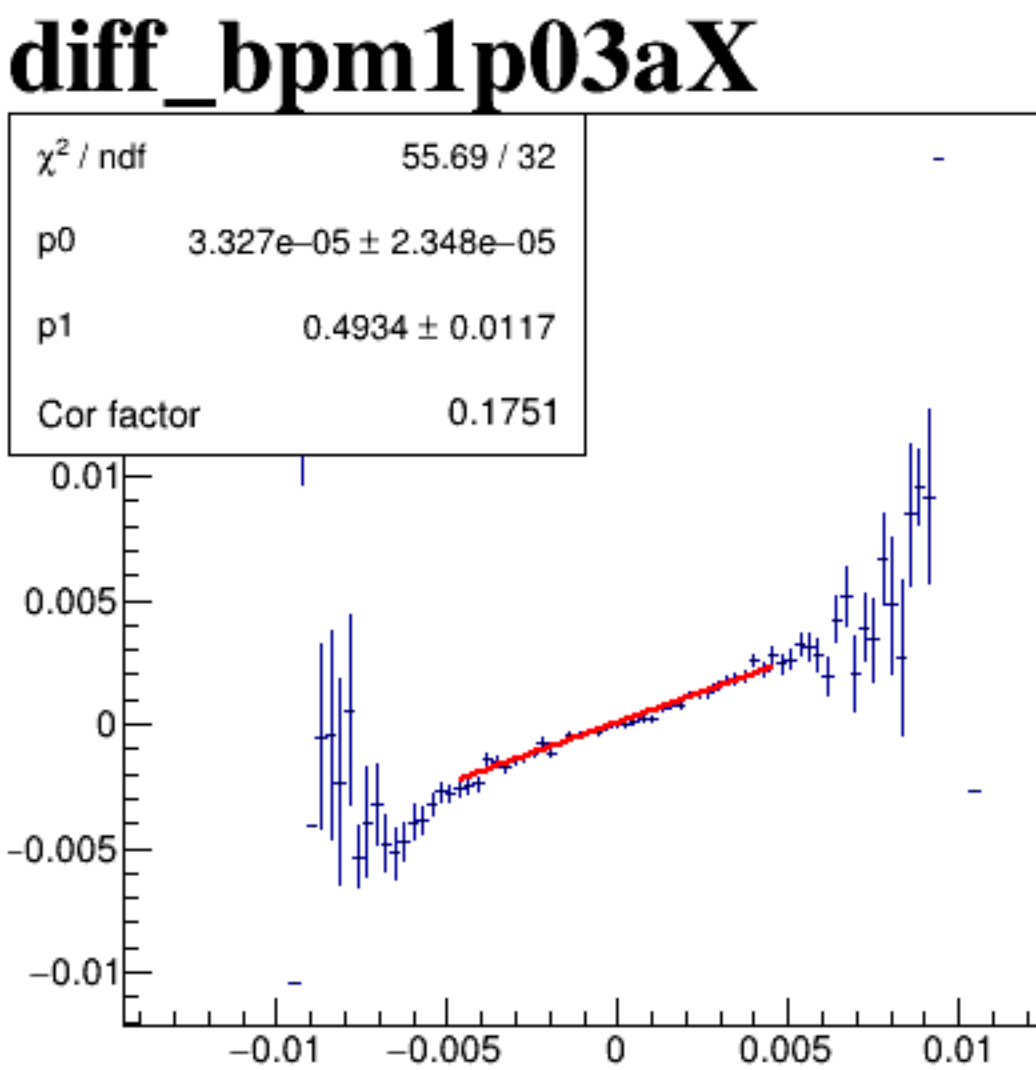
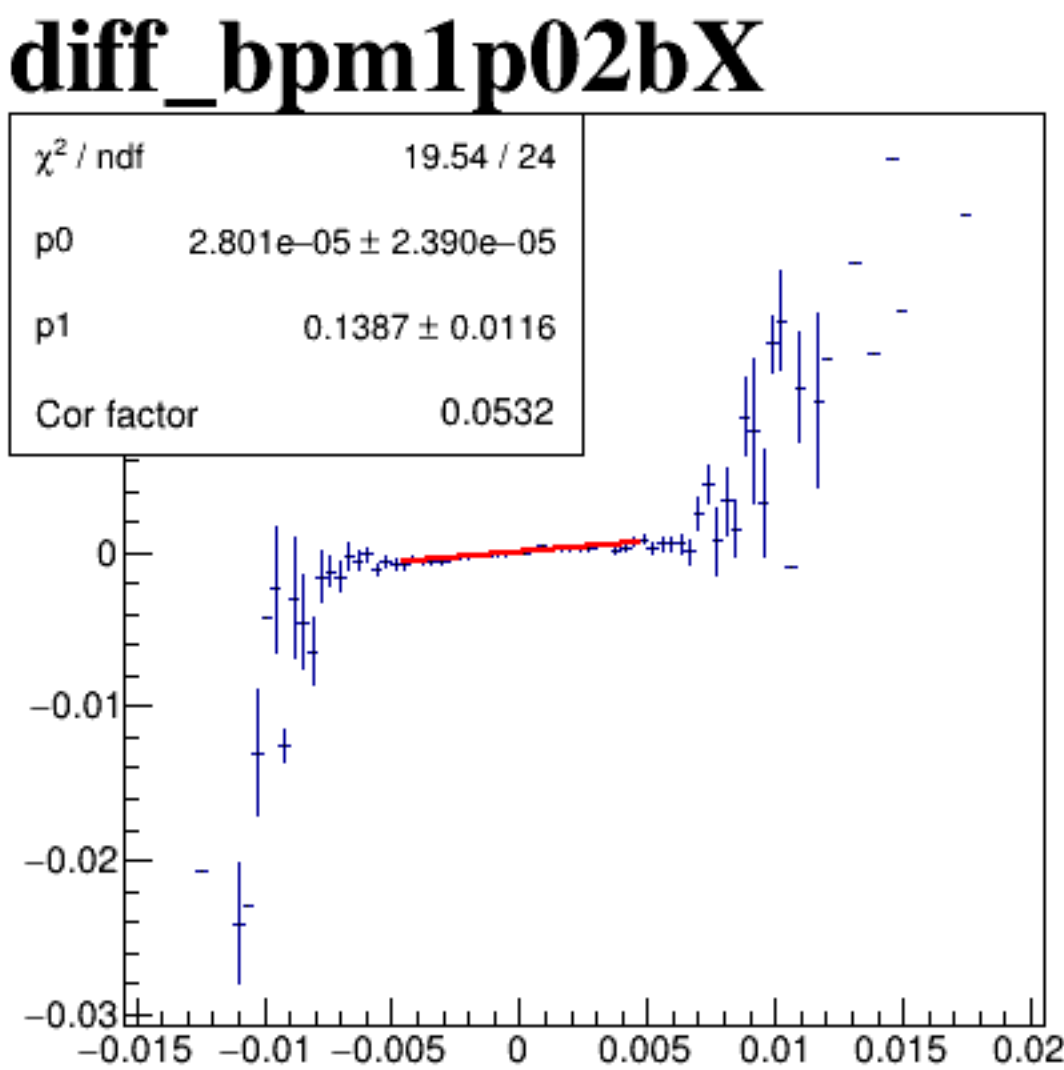
diff_bpm12X



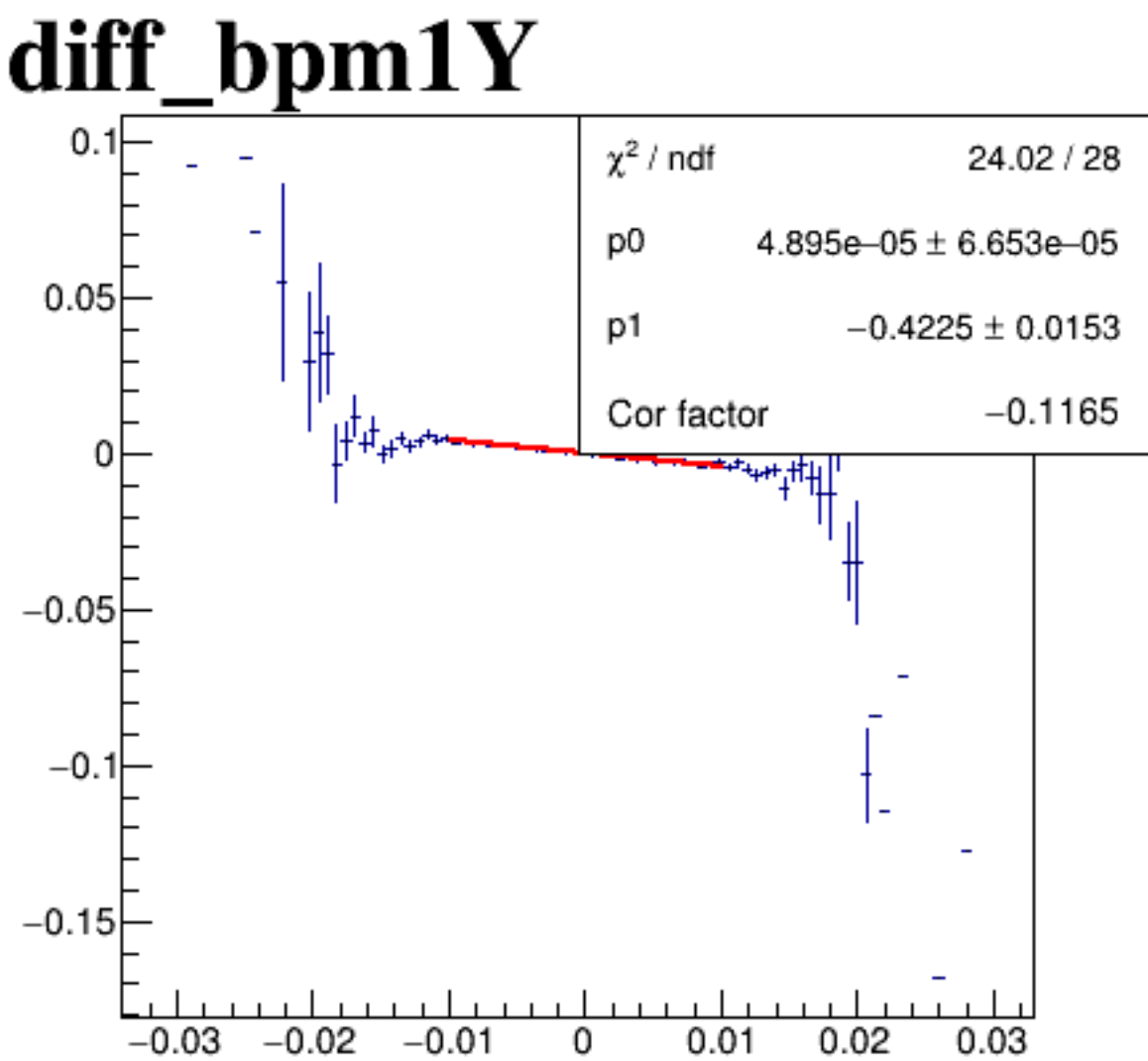
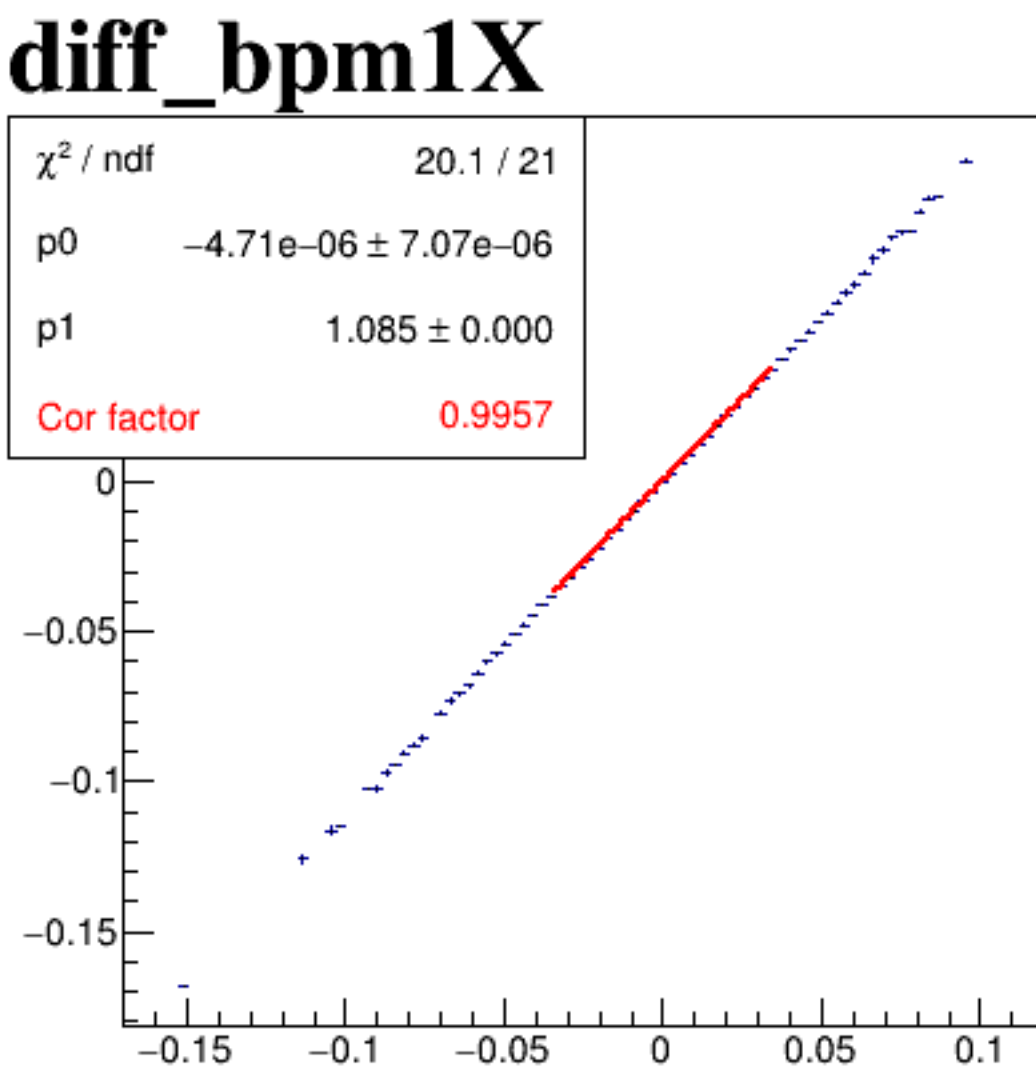
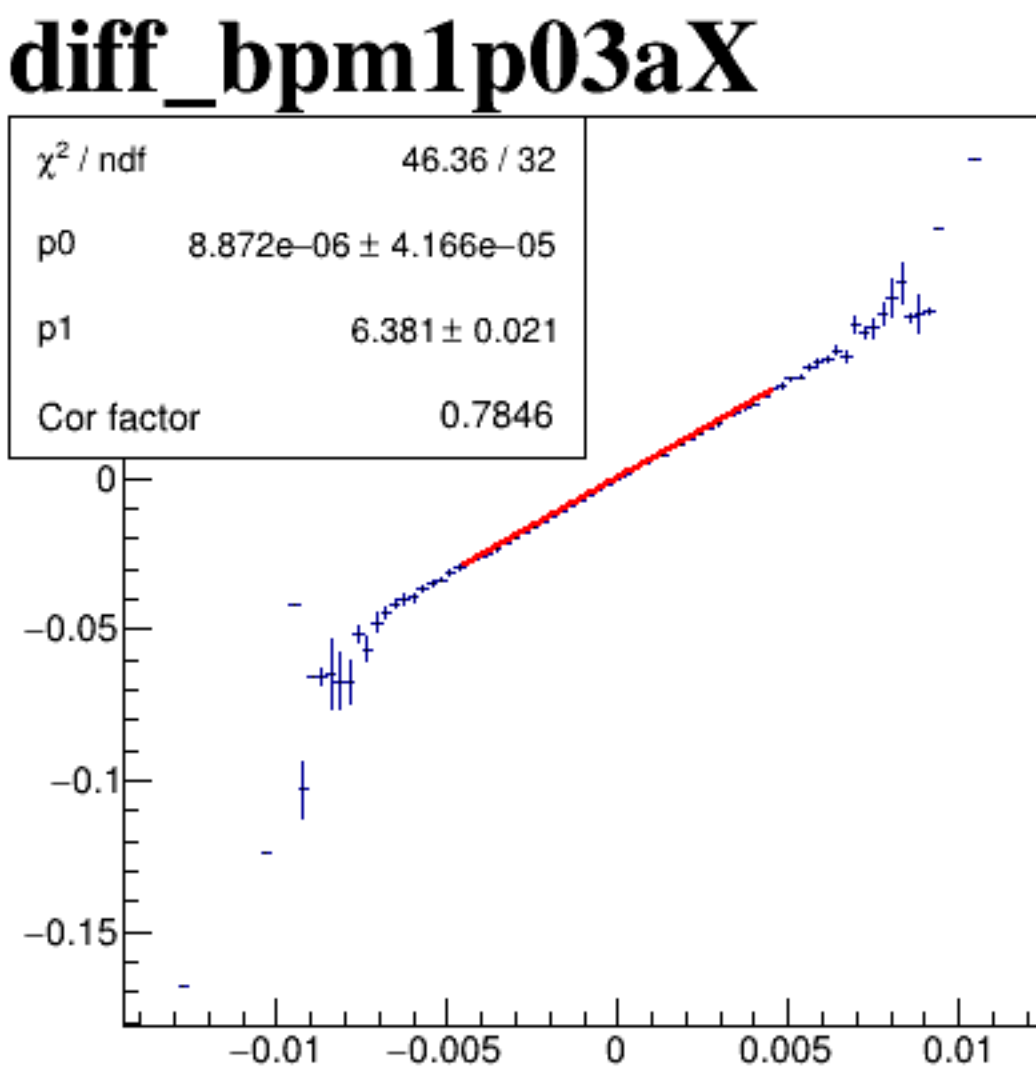
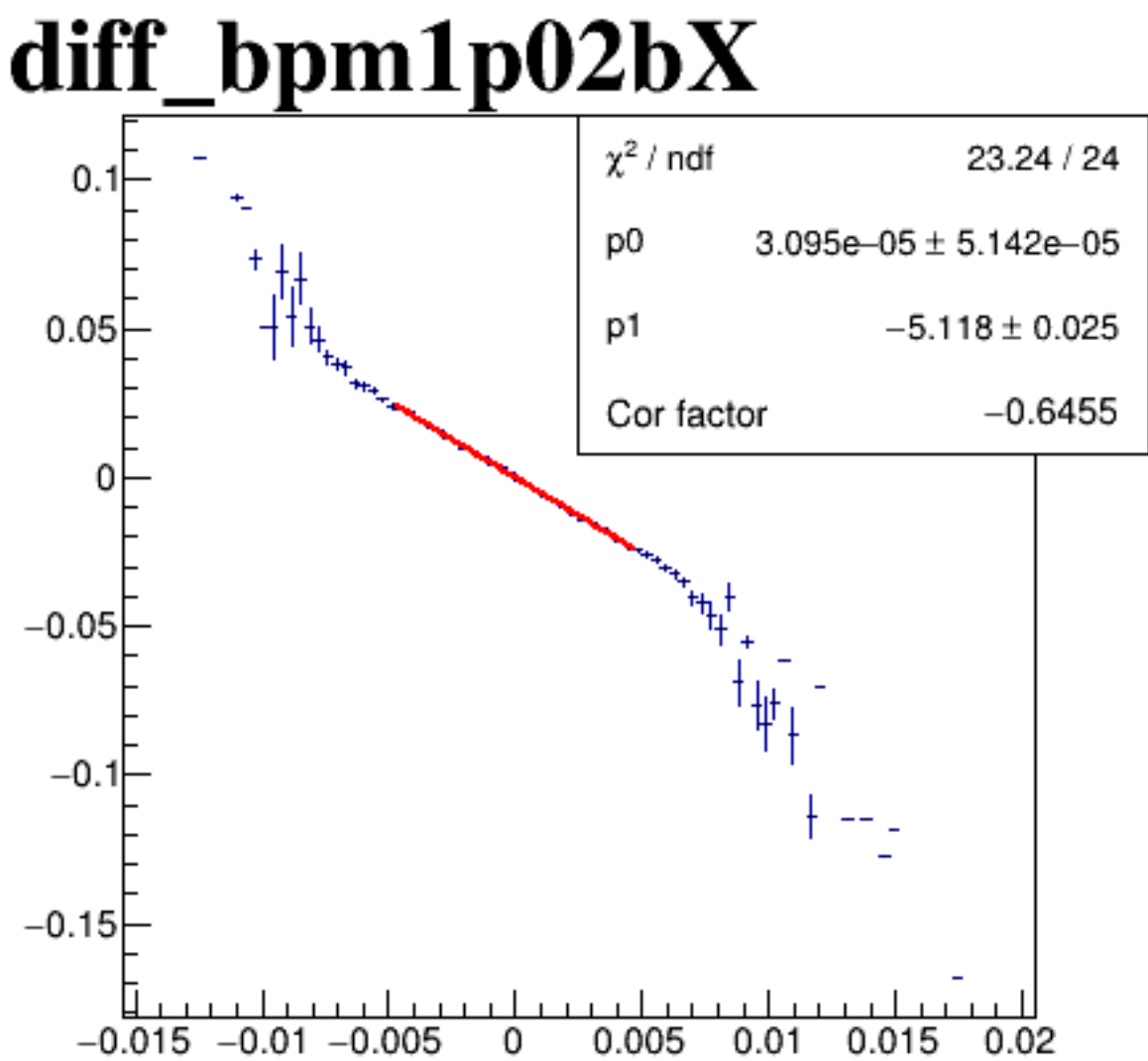
diff_bpm4aX



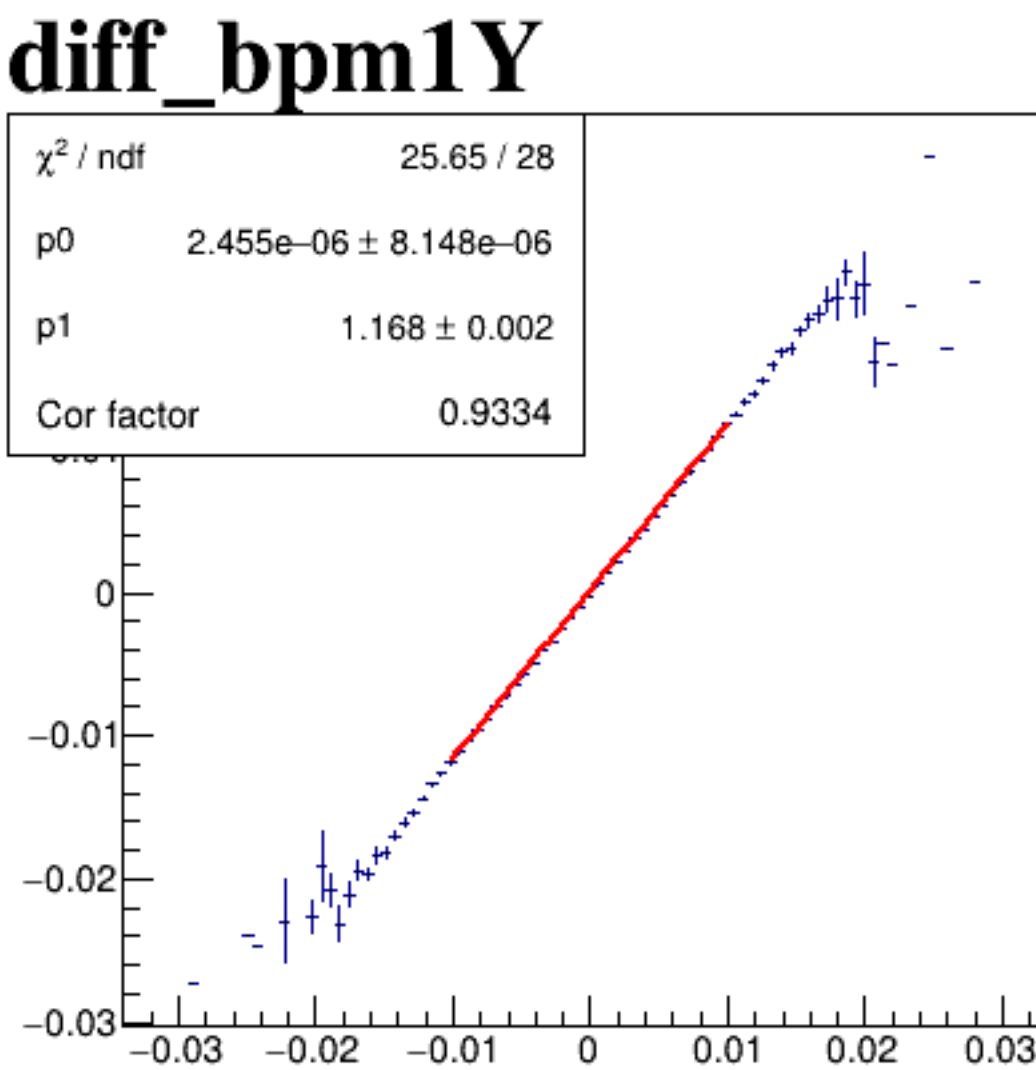
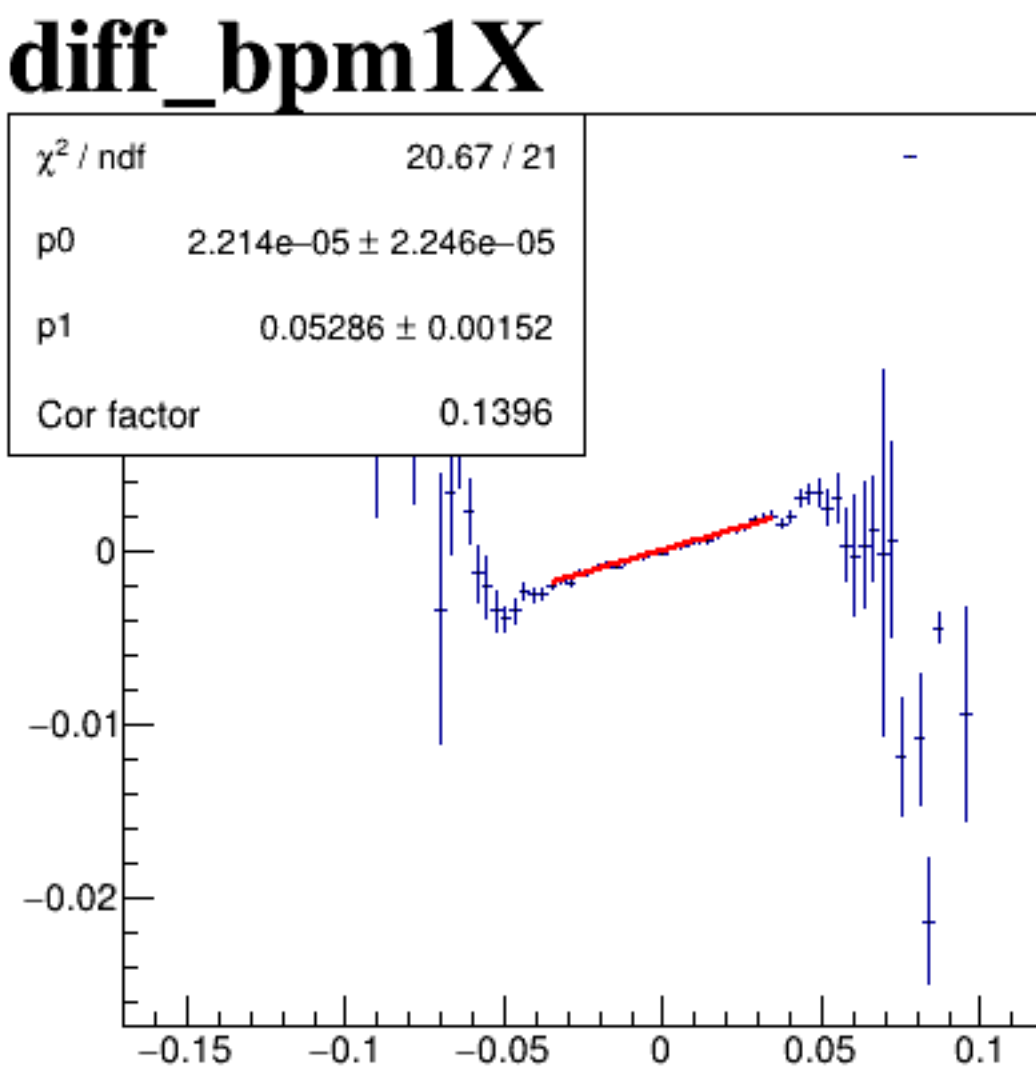
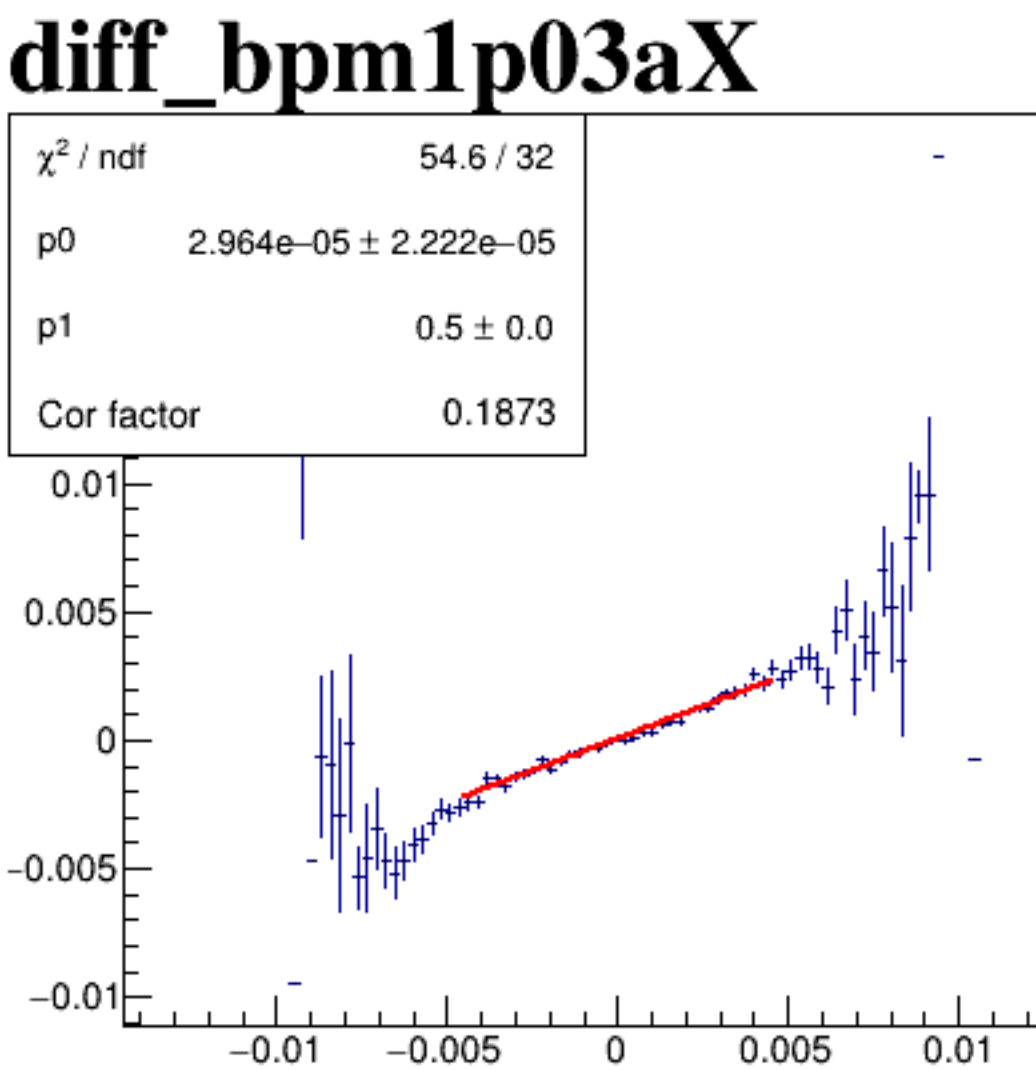
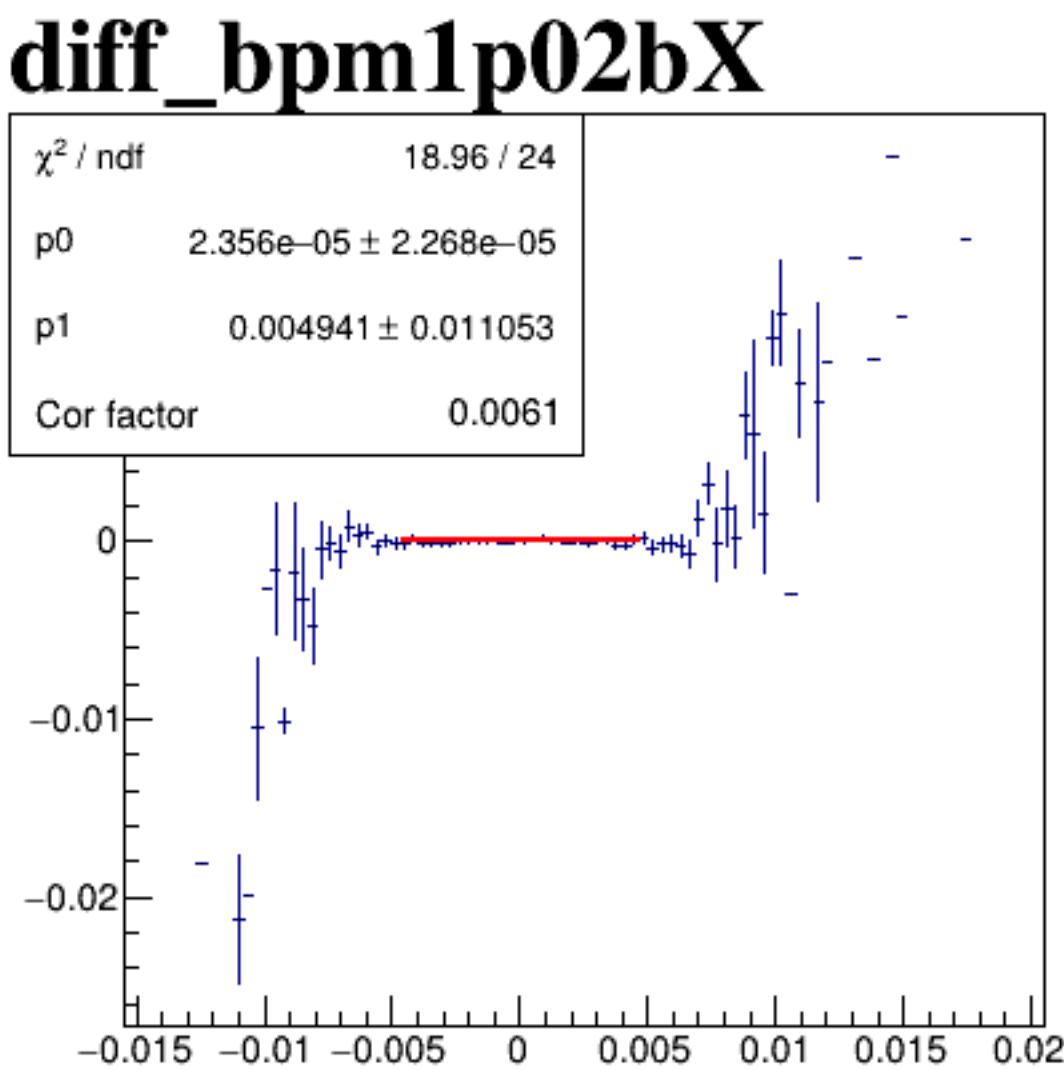
diff_bpm4aY



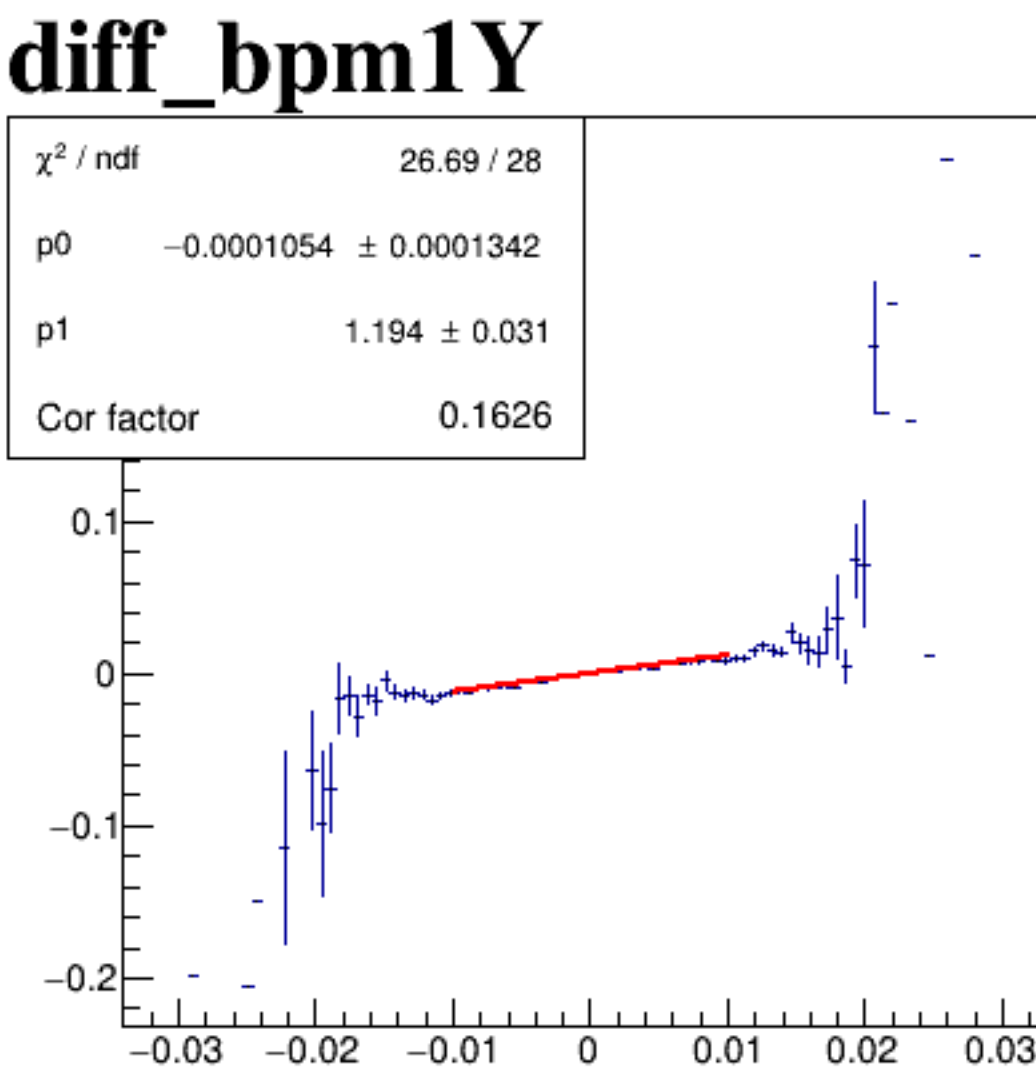
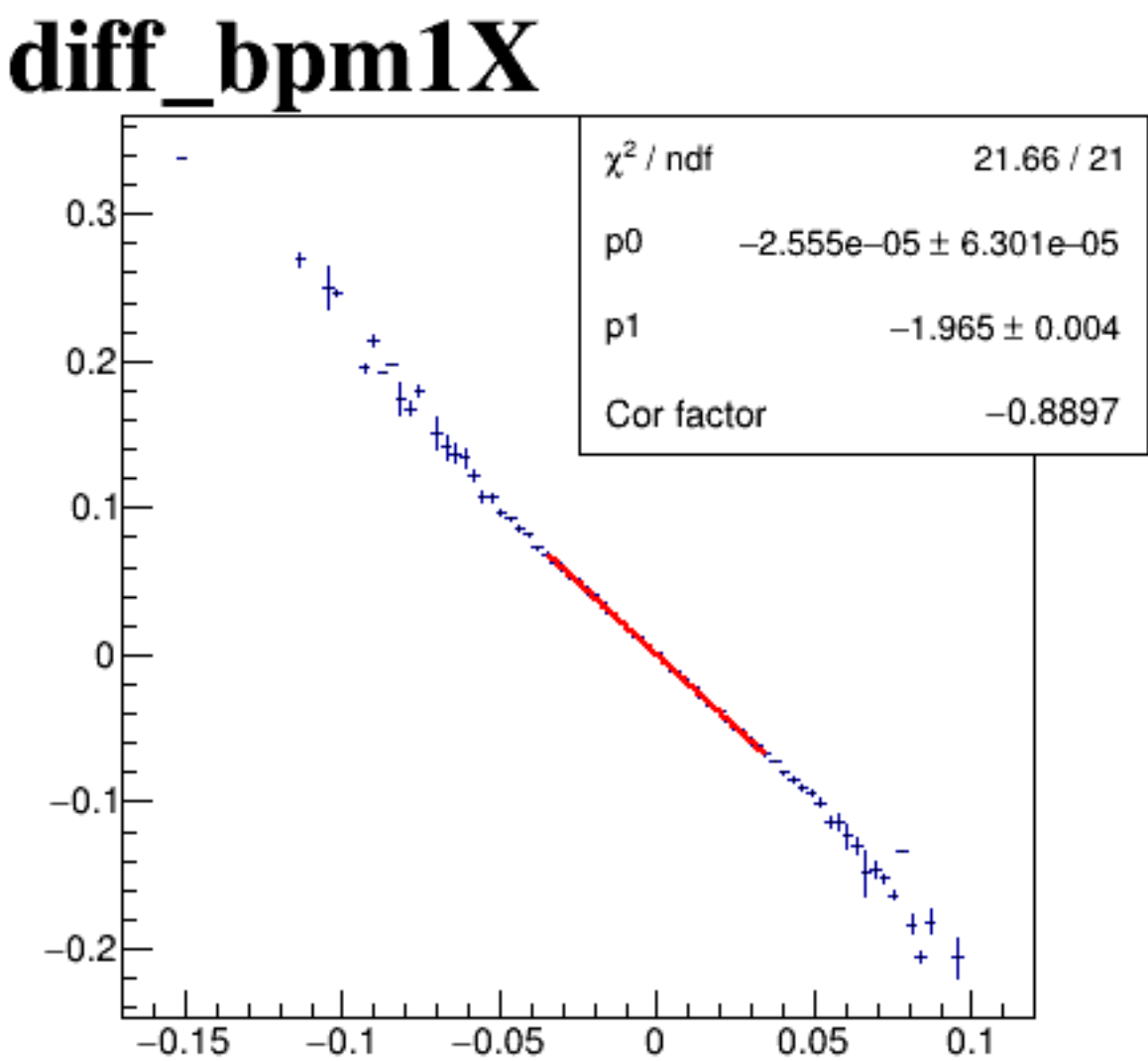
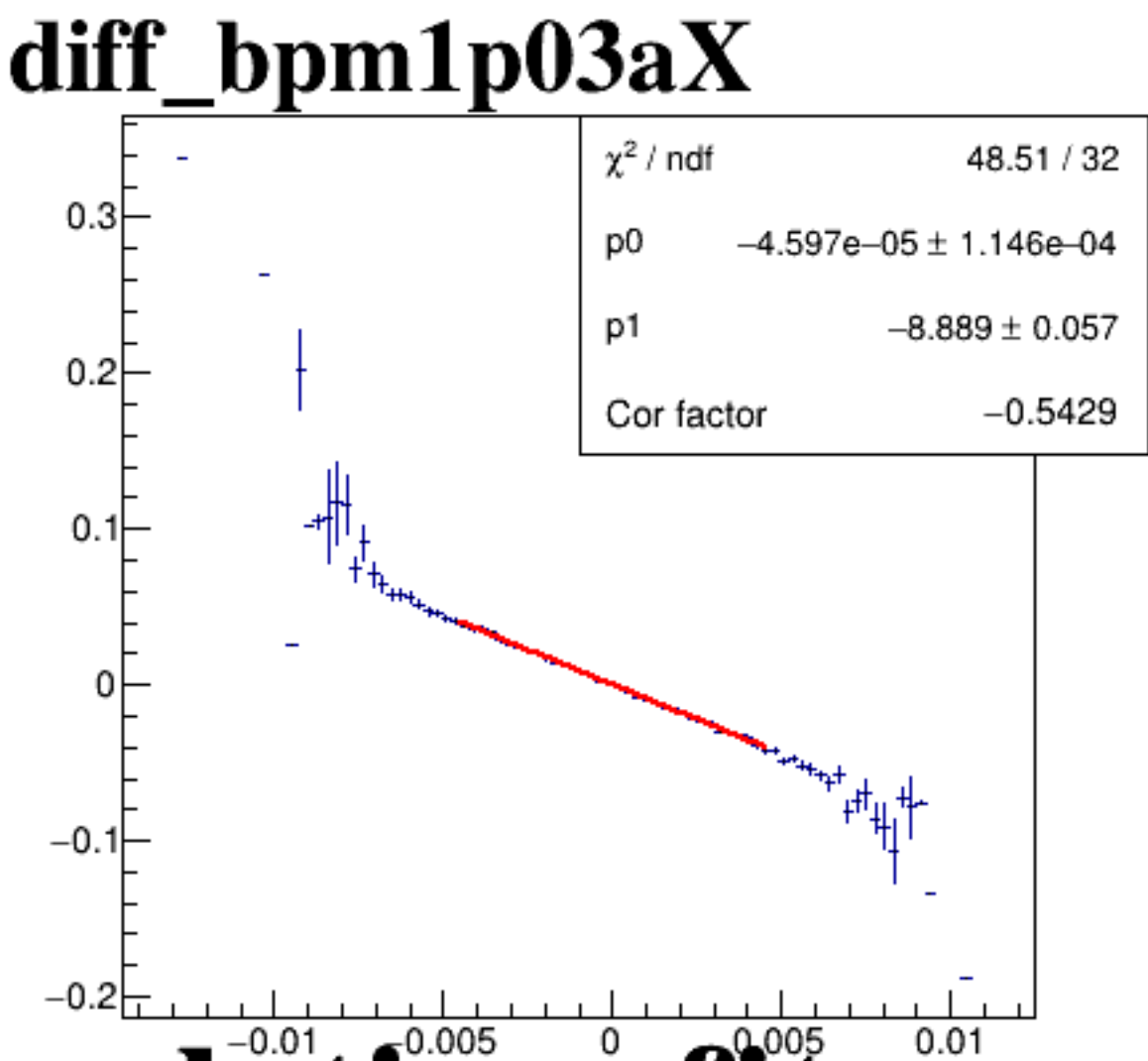
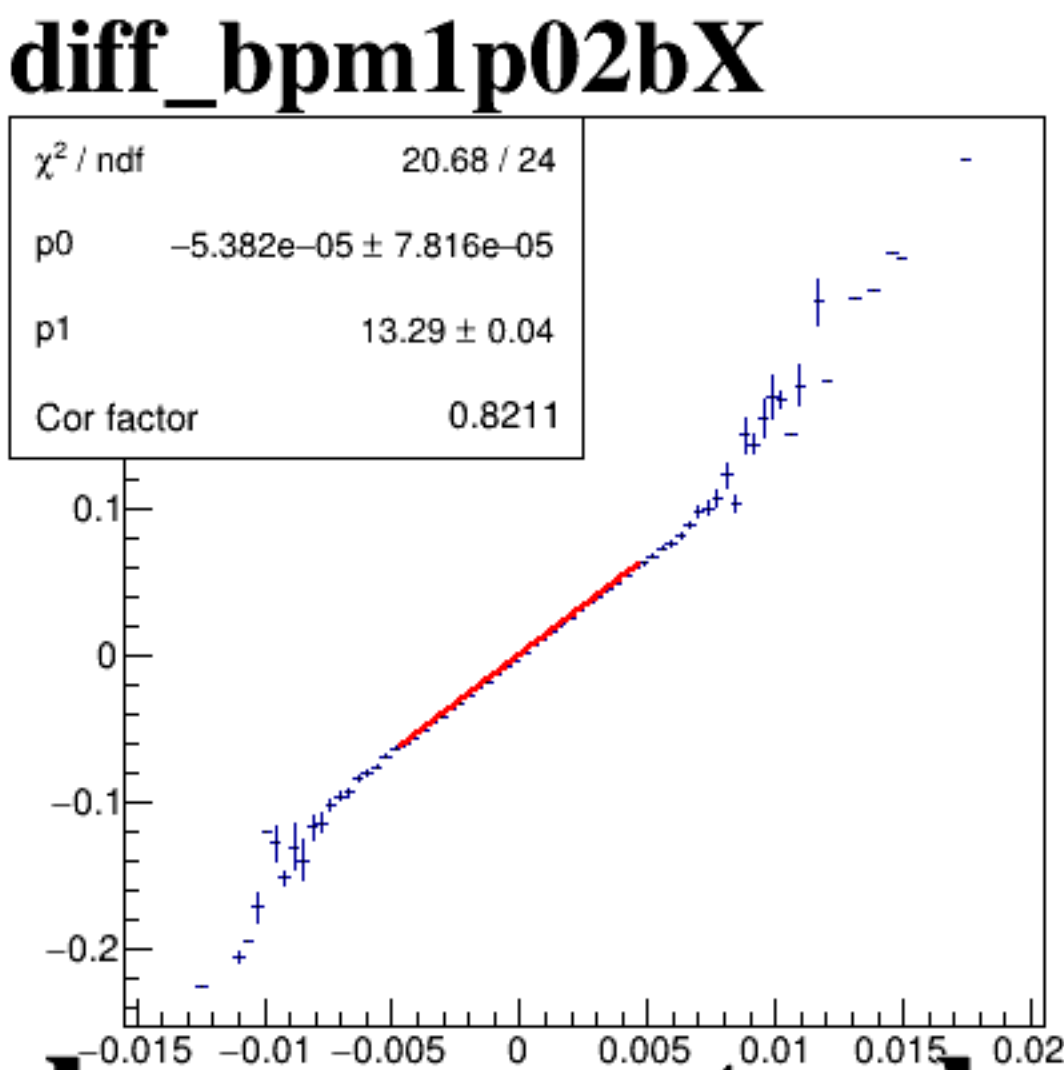
diff_bpm4eX



diff_bpm4eY



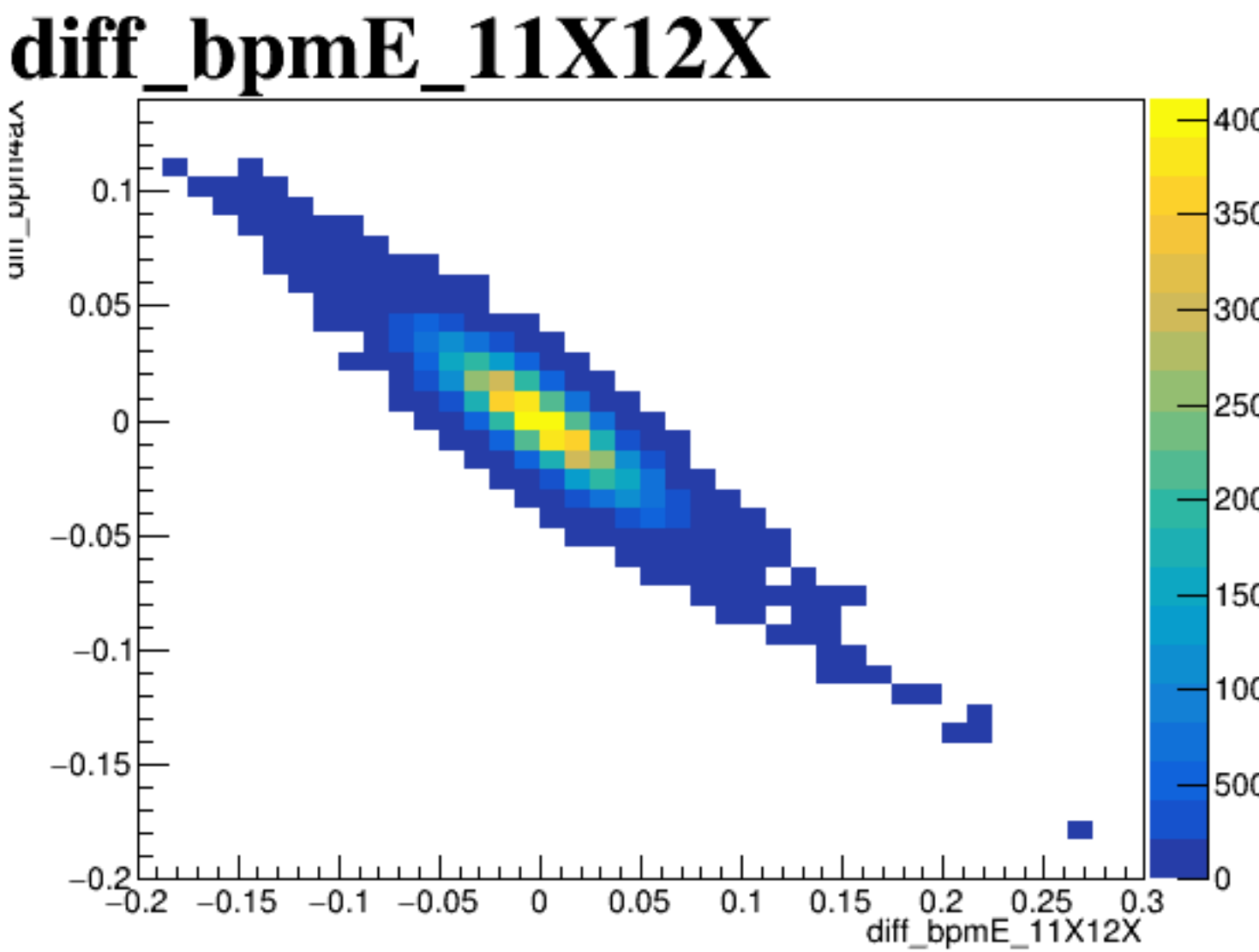
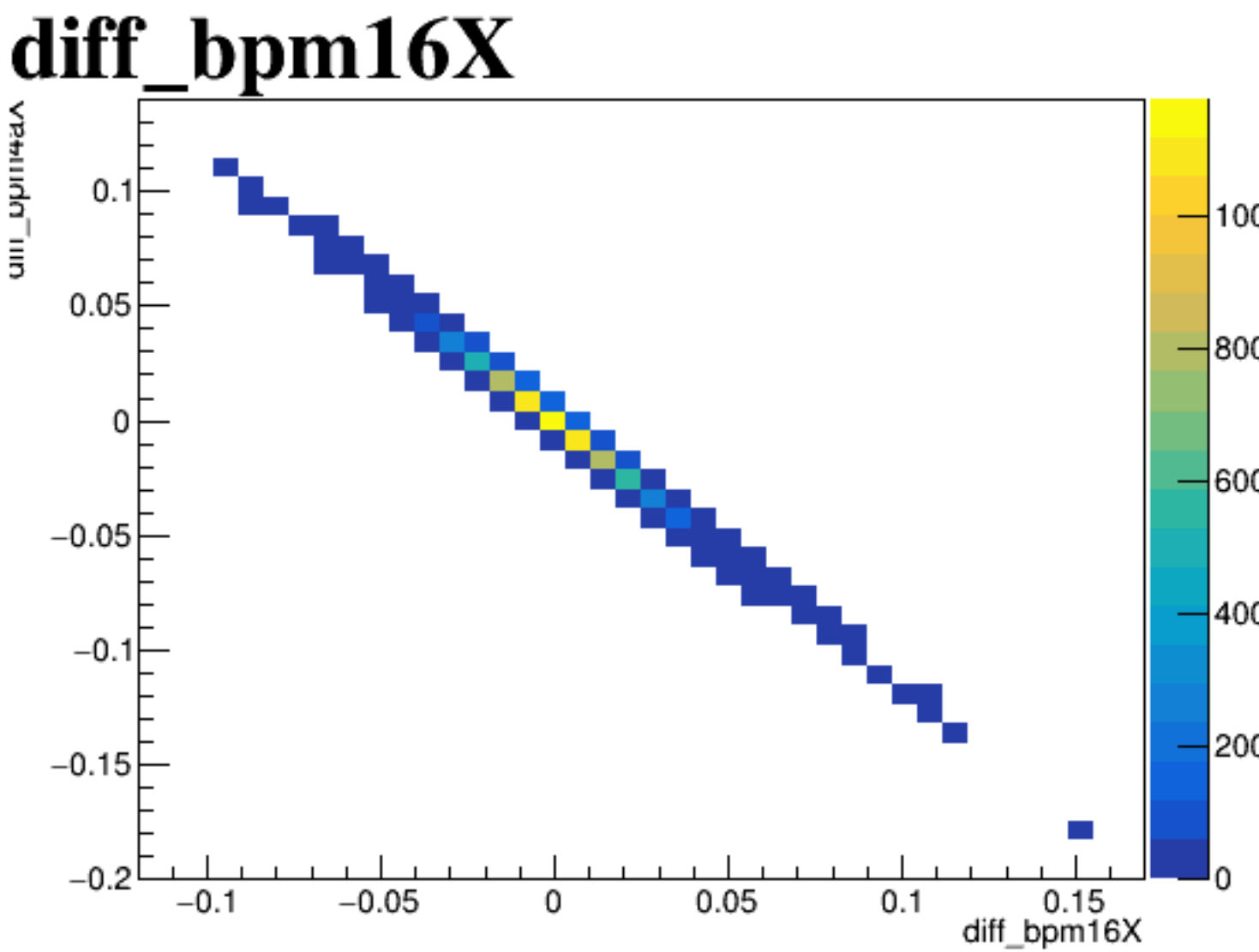
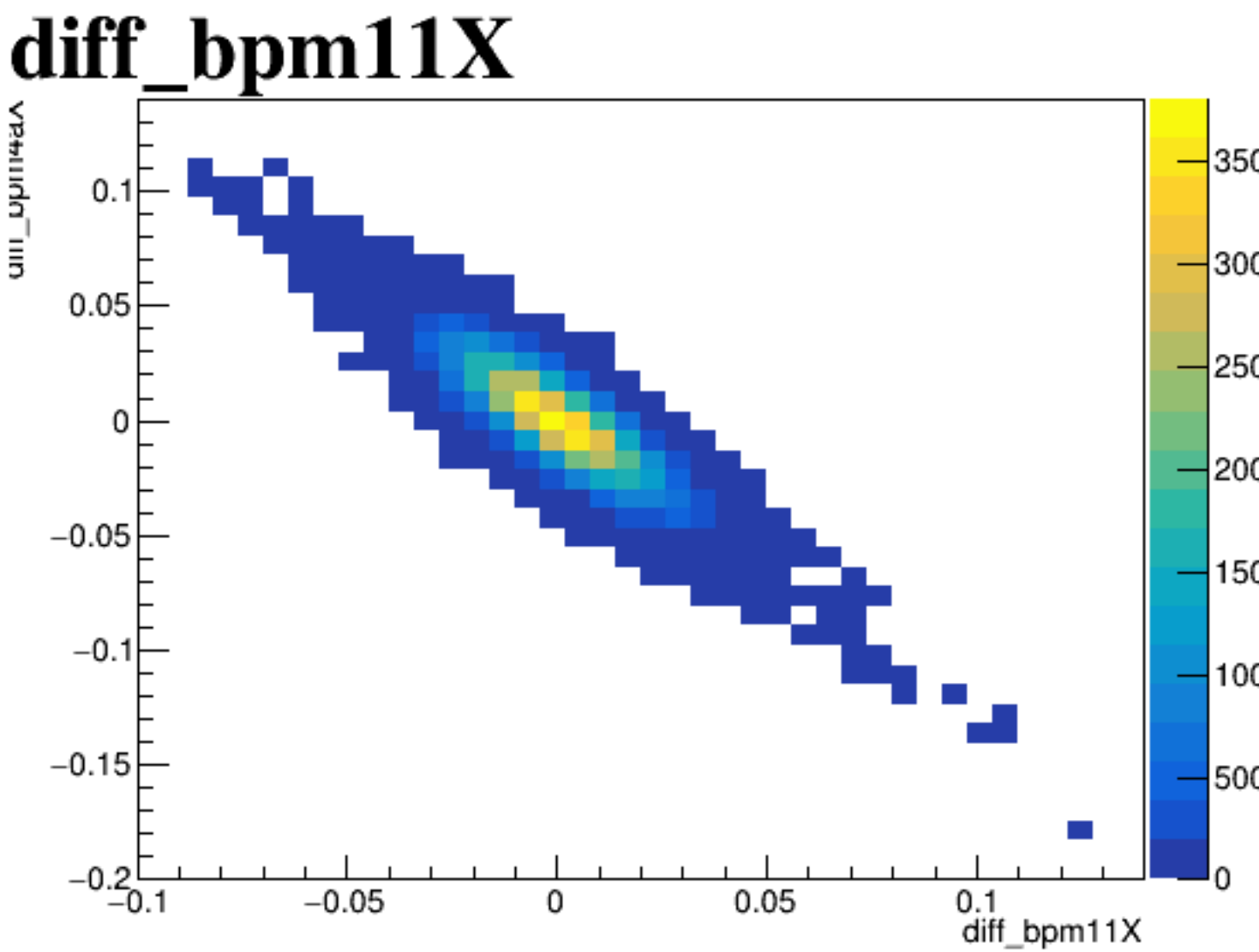
diff_bpm12X



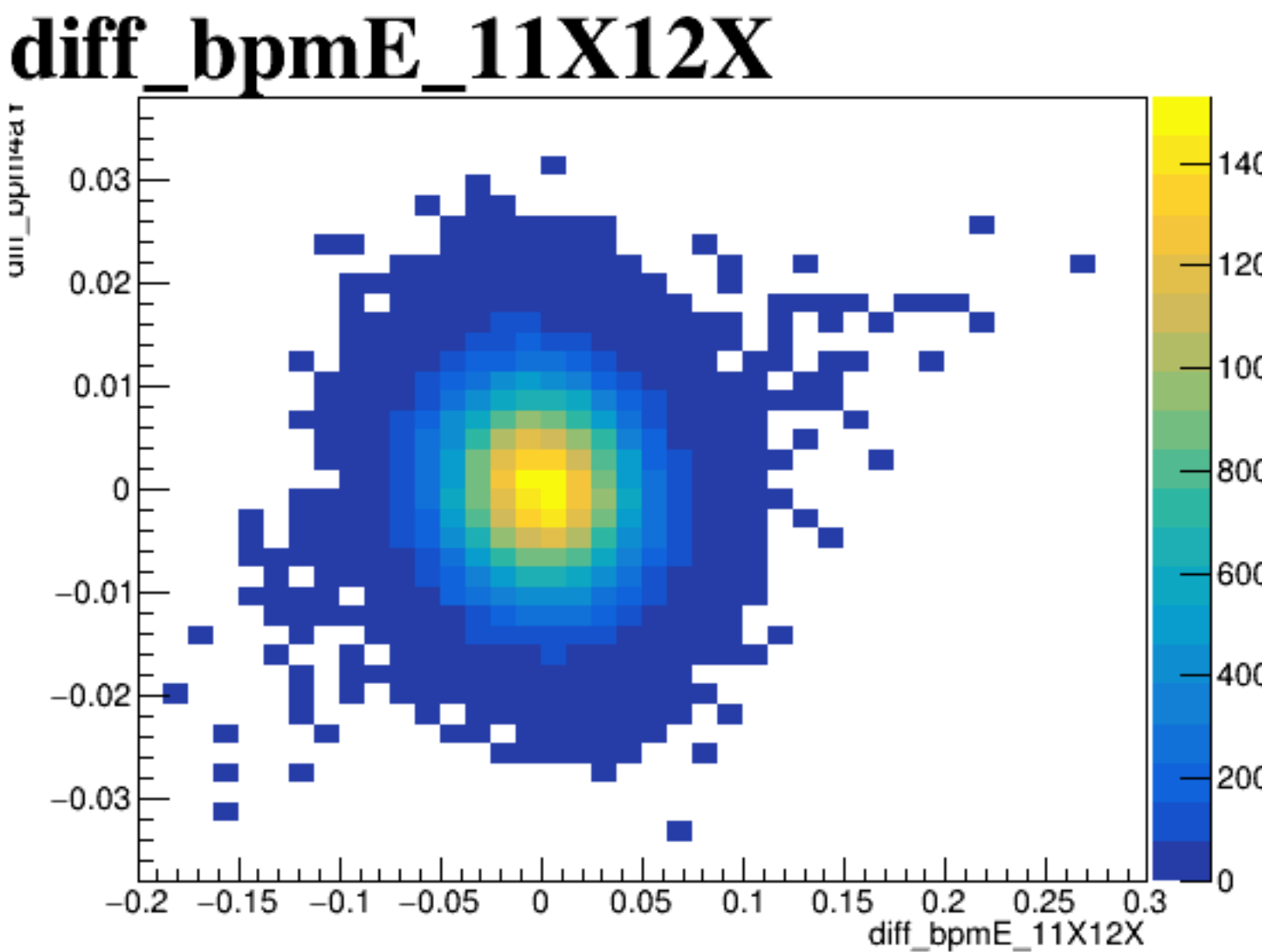
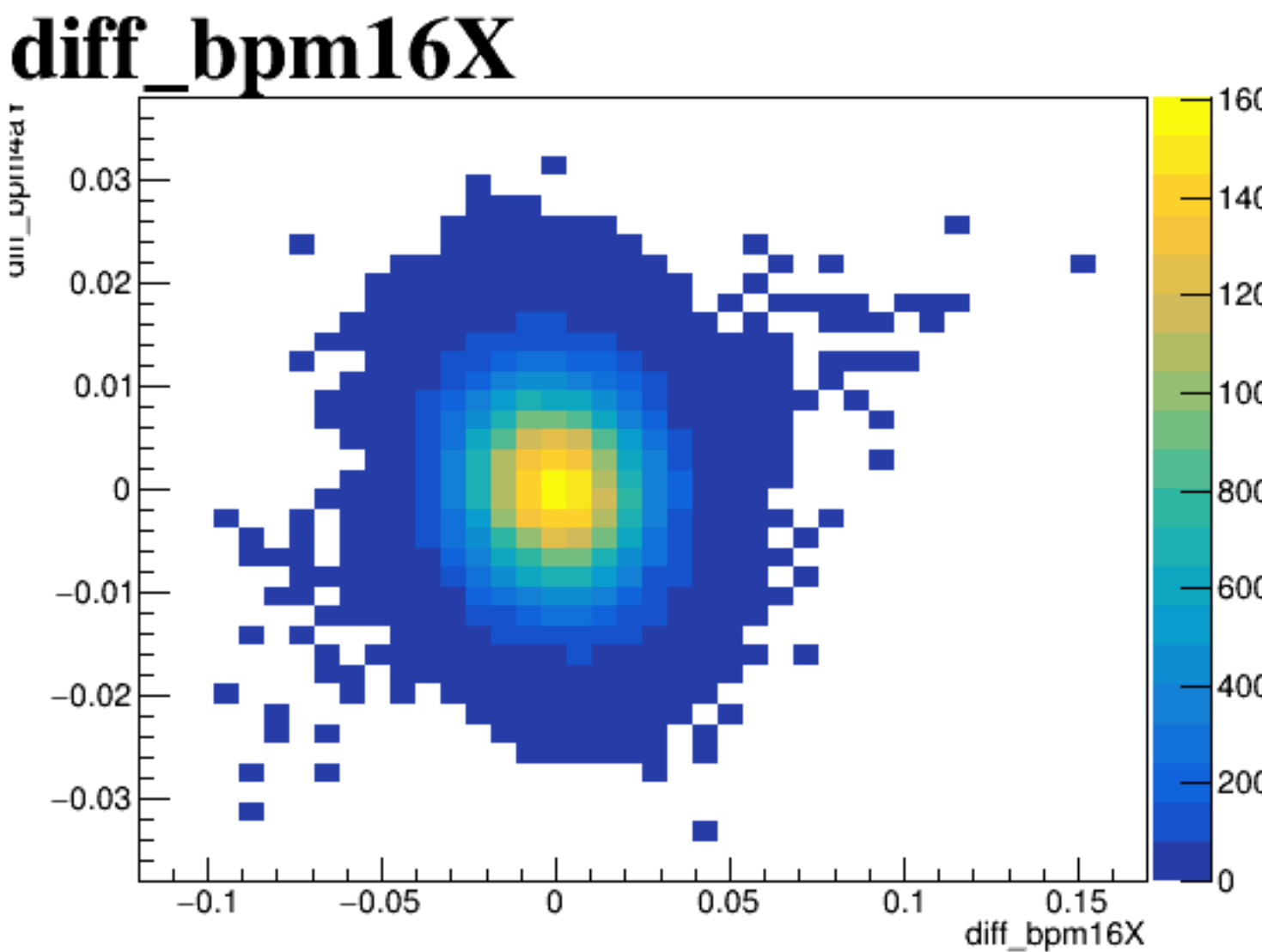
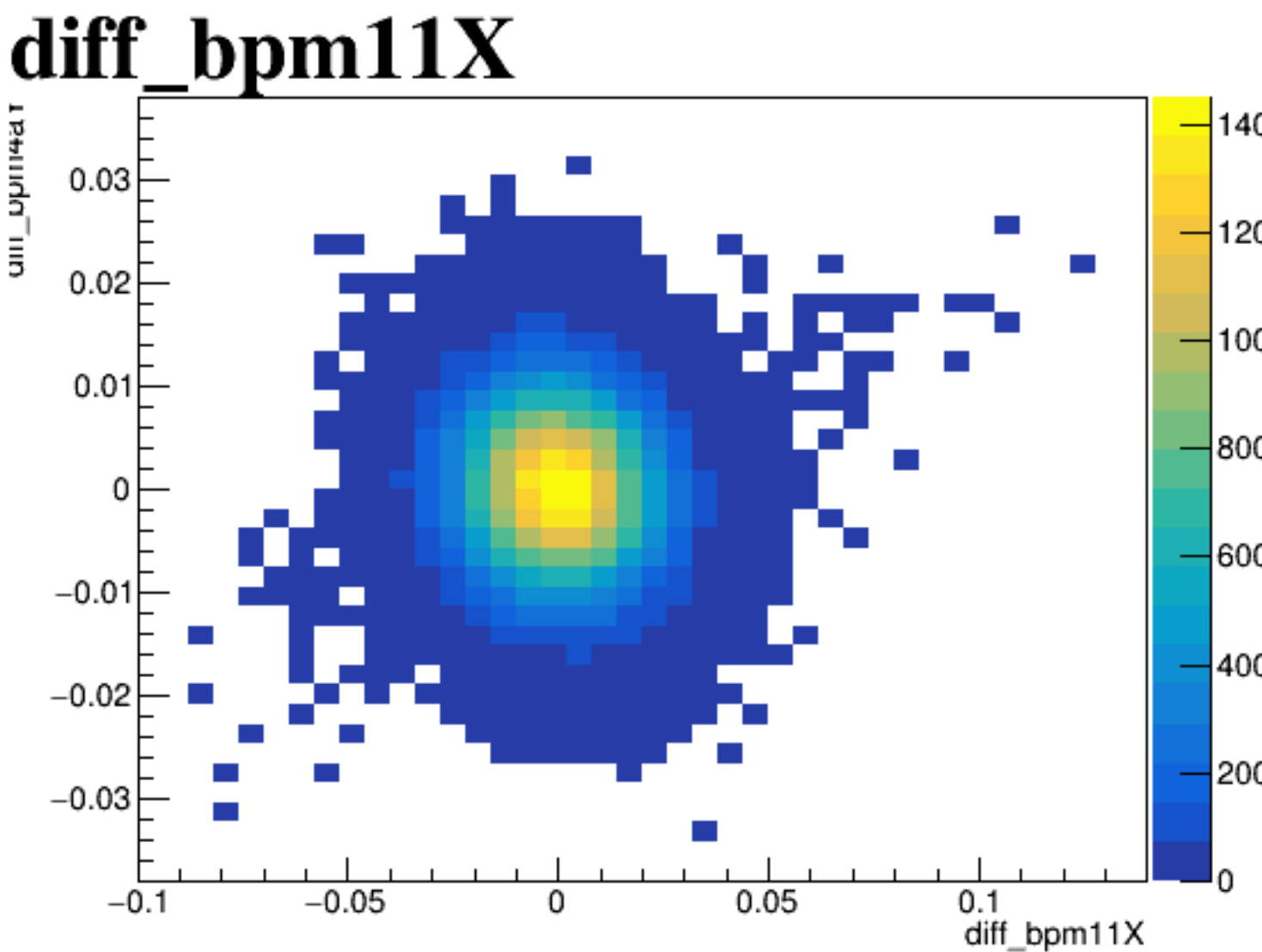
A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y' on the axes. The plot displays a dense, elongated cloud of points along the diagonal line where the two variables are equal, indicating a very strong positive correlation. The axes range from -0.03 to 0.03 with major tick marks every 0.01 units.

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 packed 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 large, bold, black font at the top left.

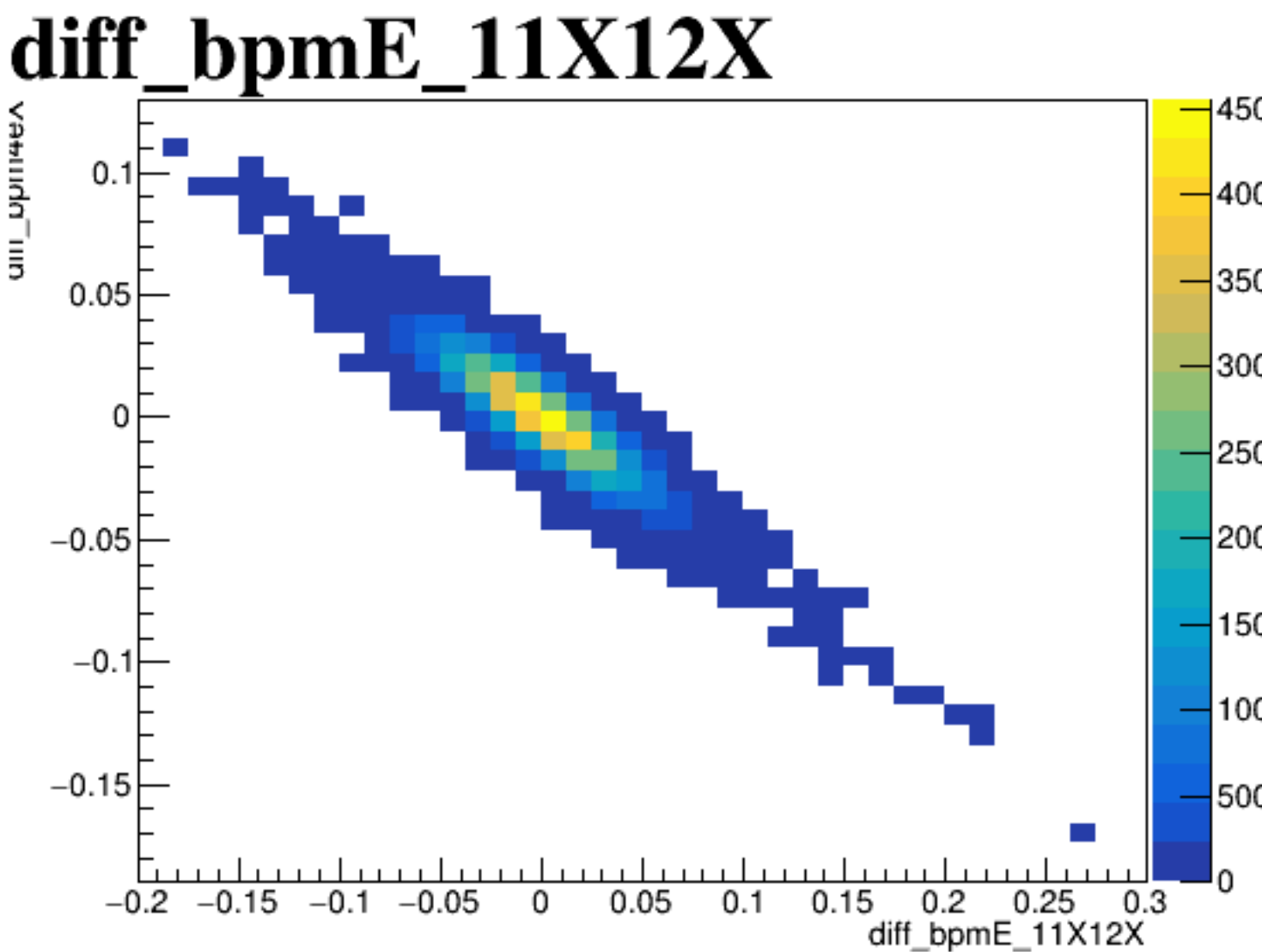
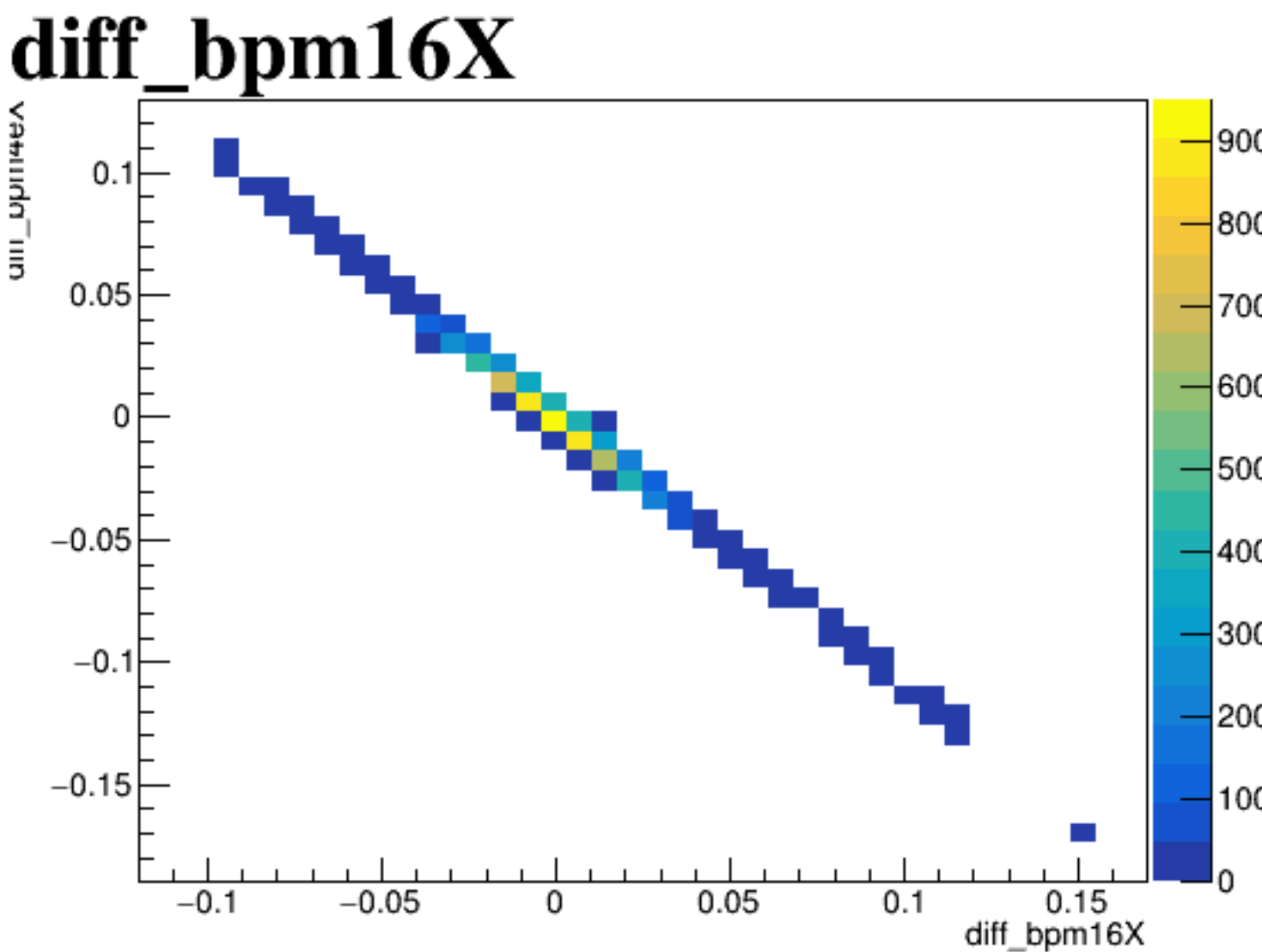
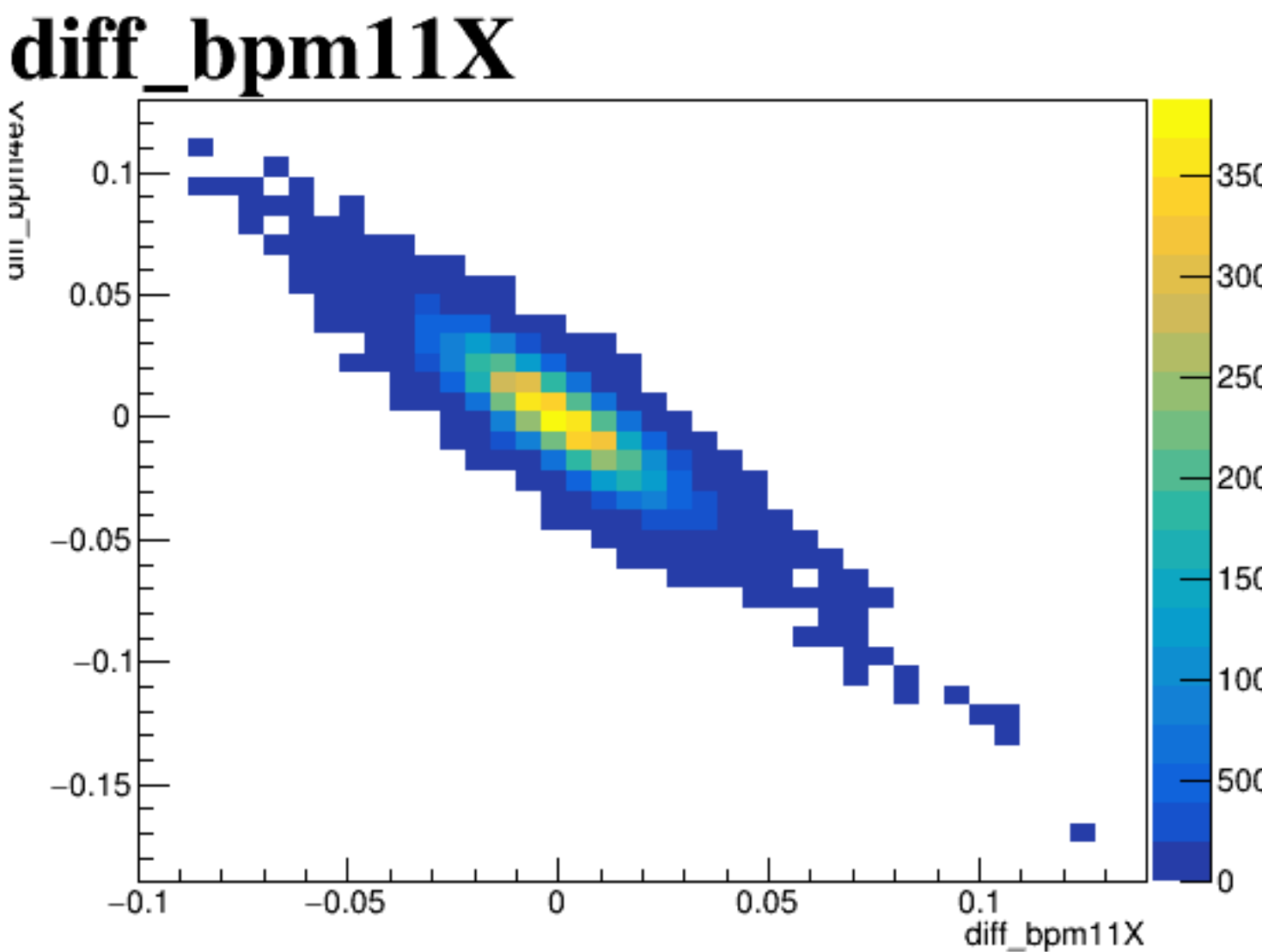
diff_bpm4aX



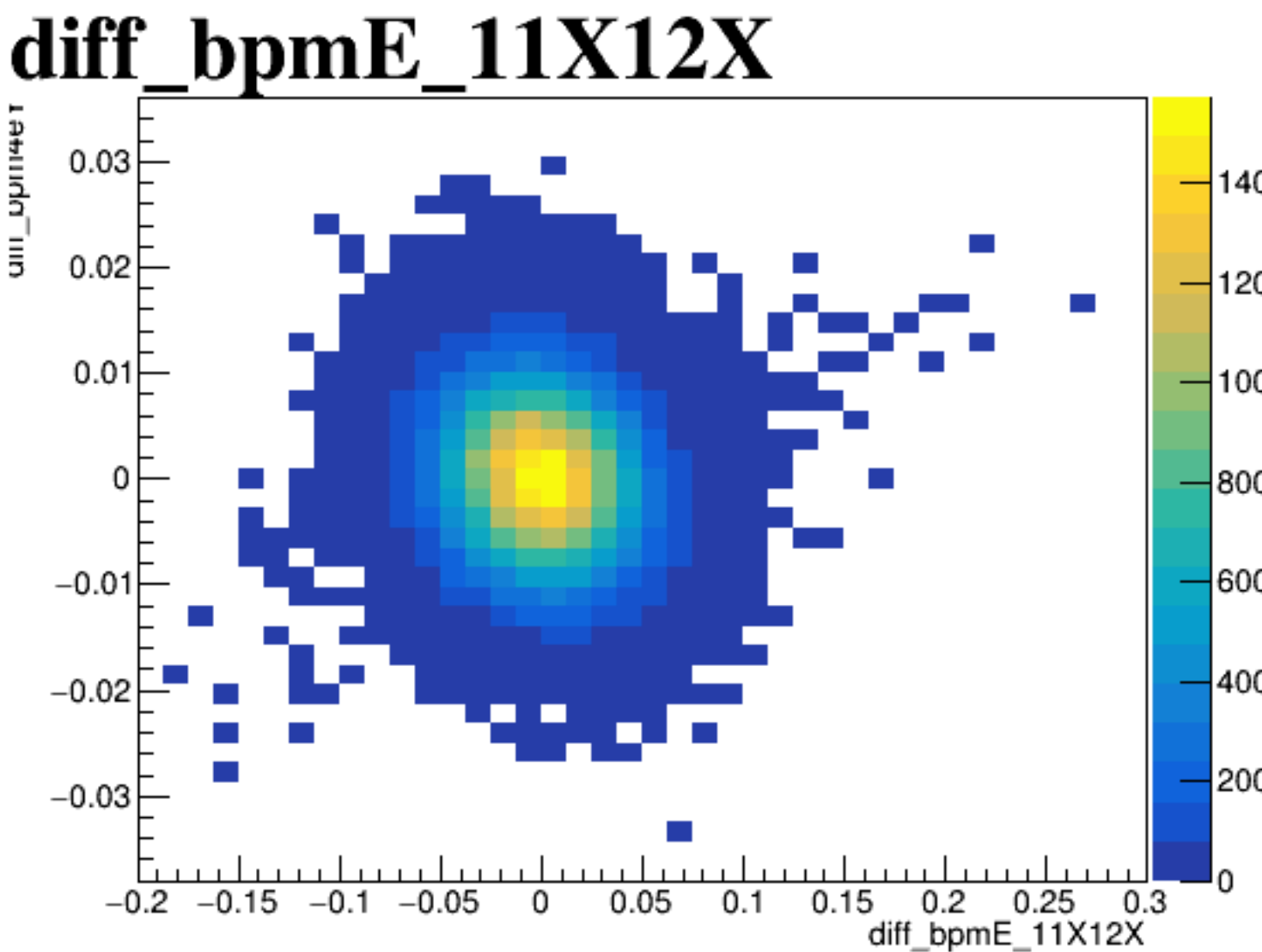
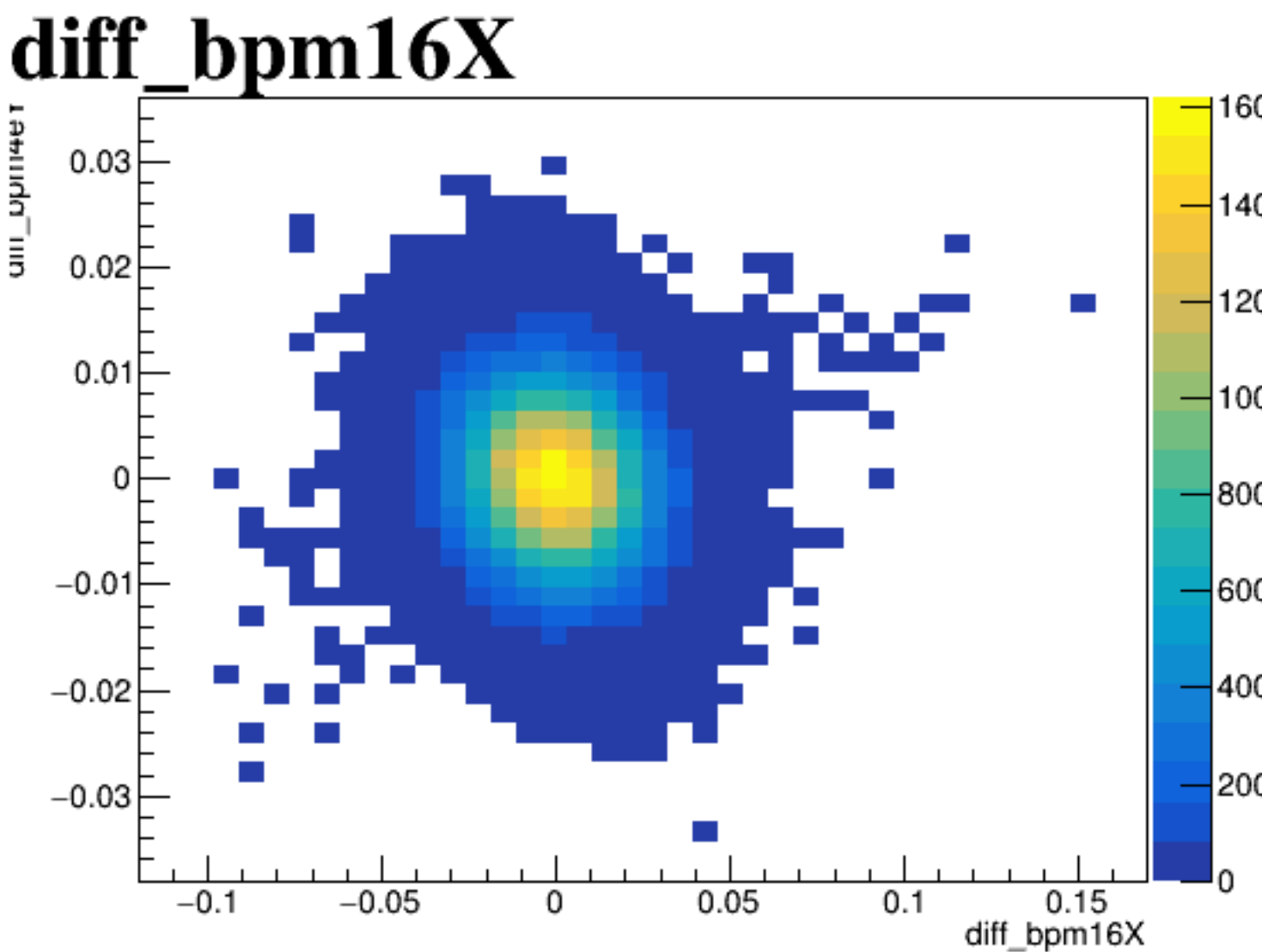
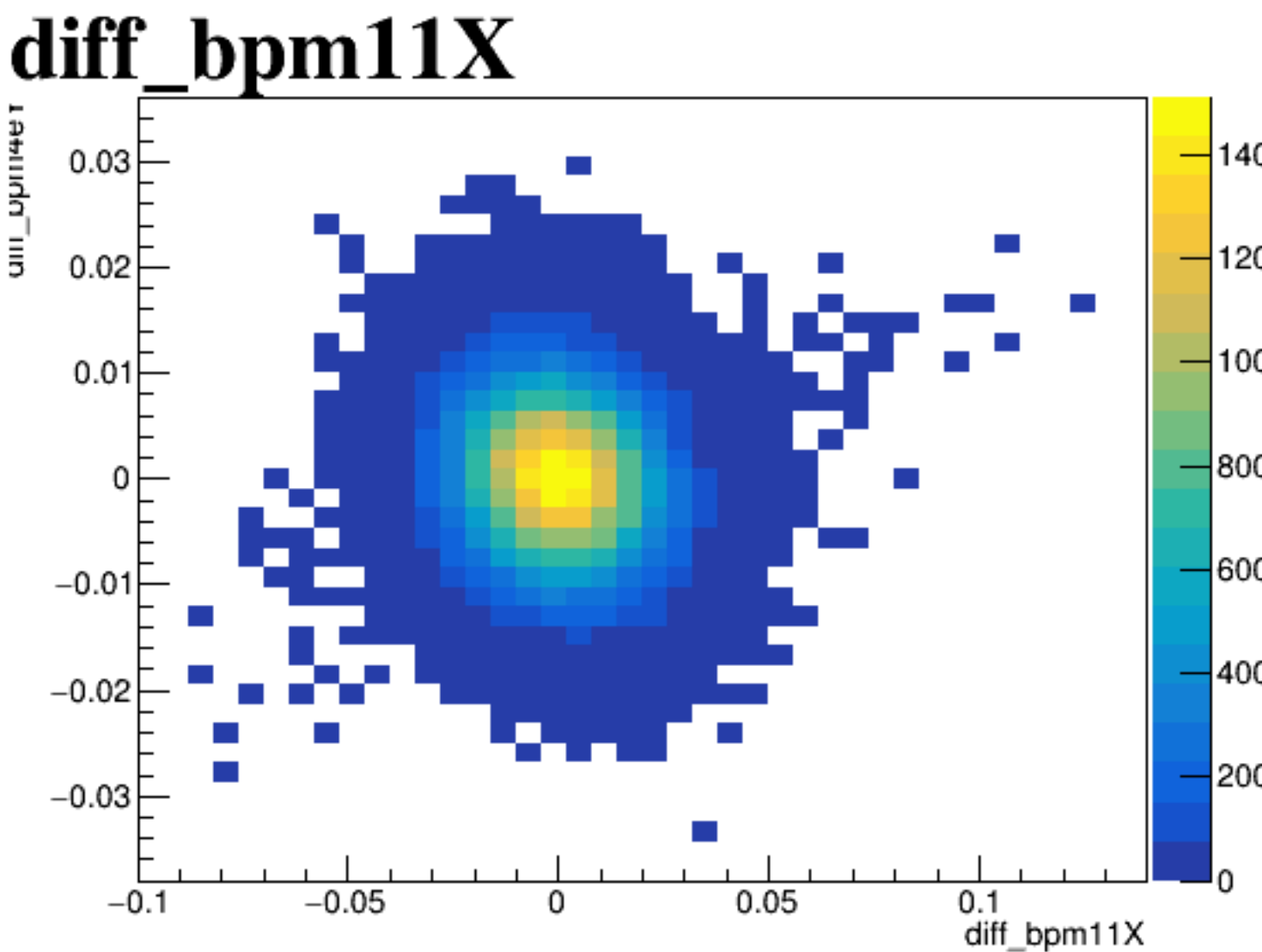
diff_bpm4aY



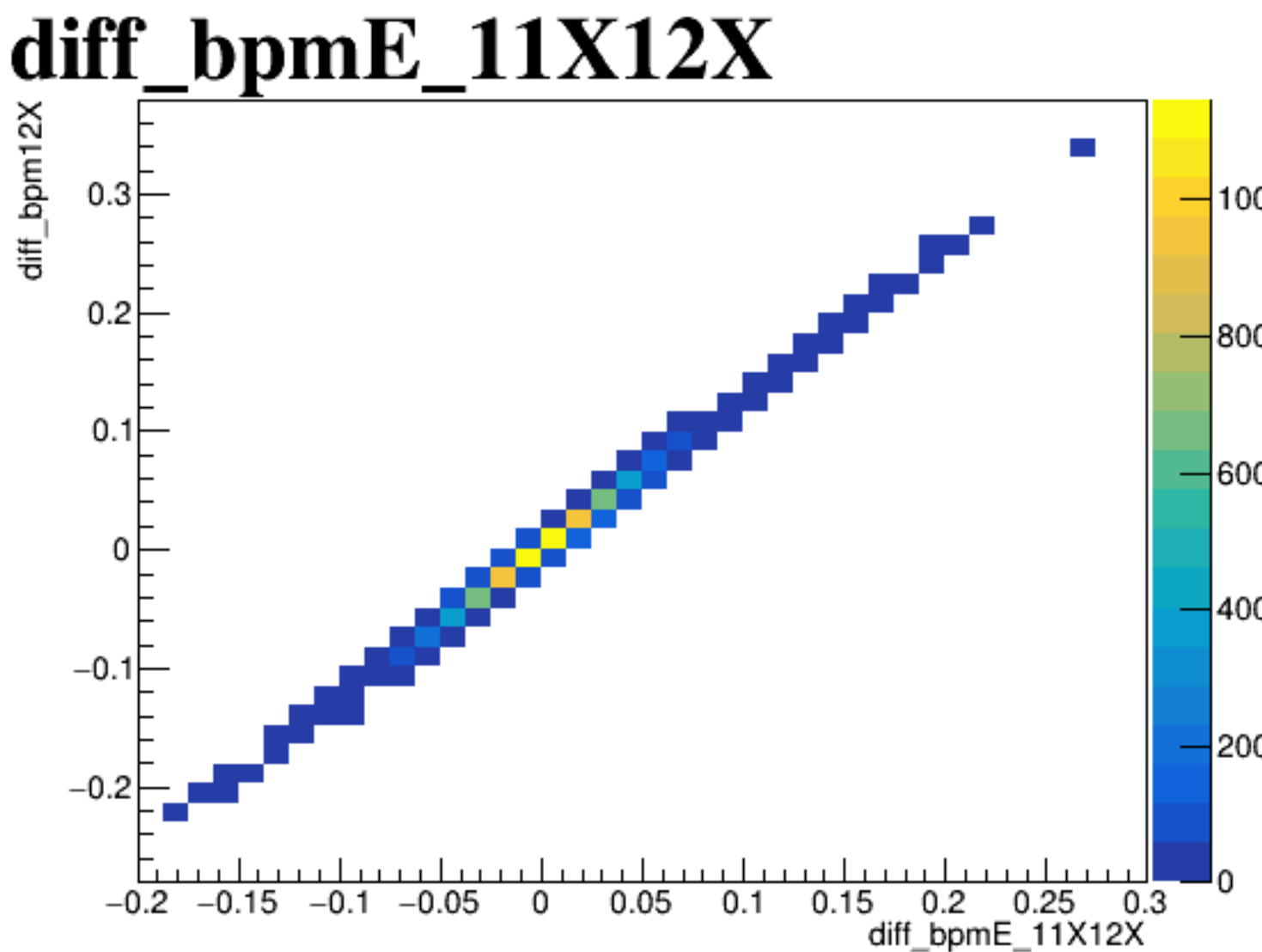
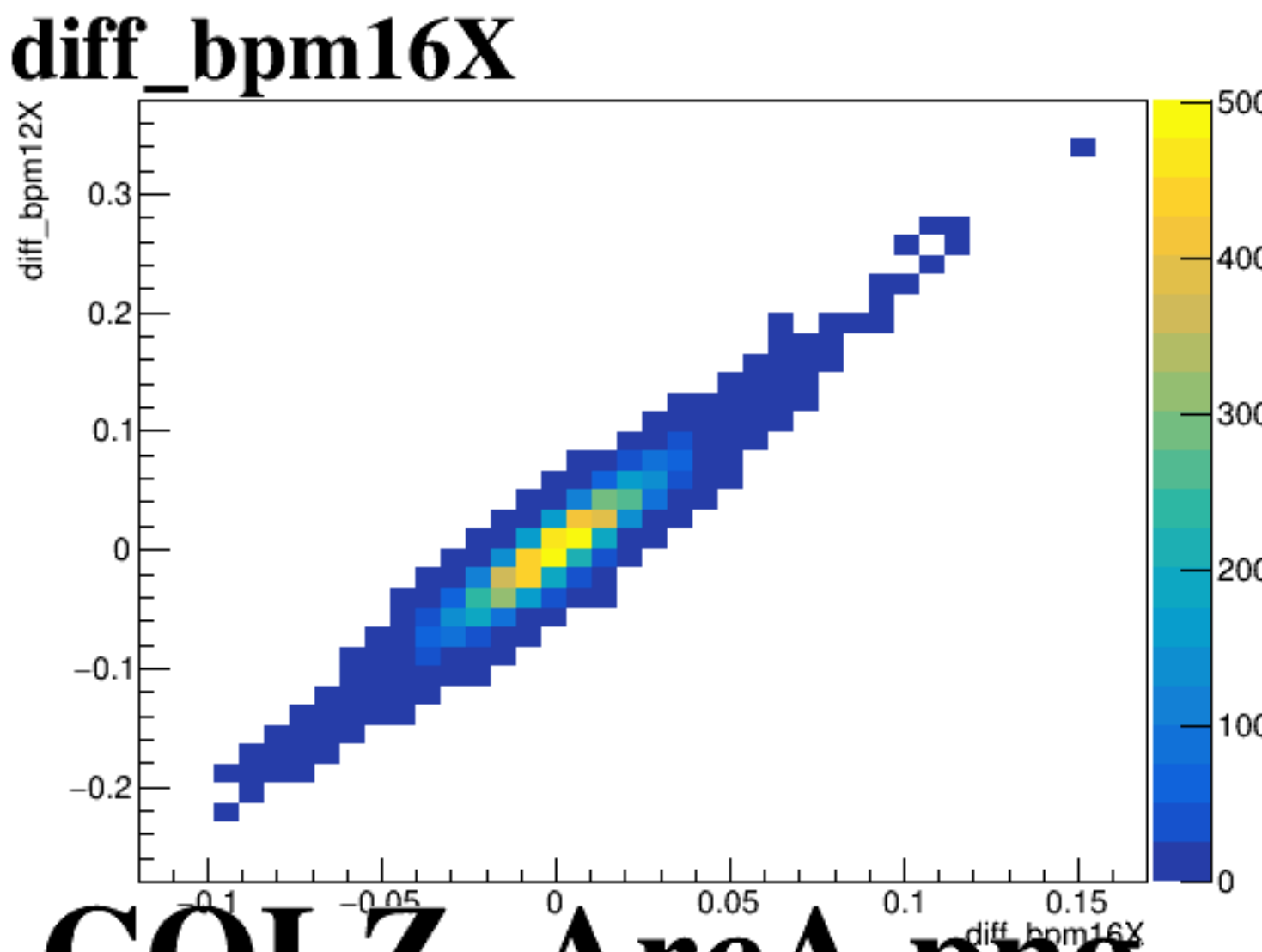
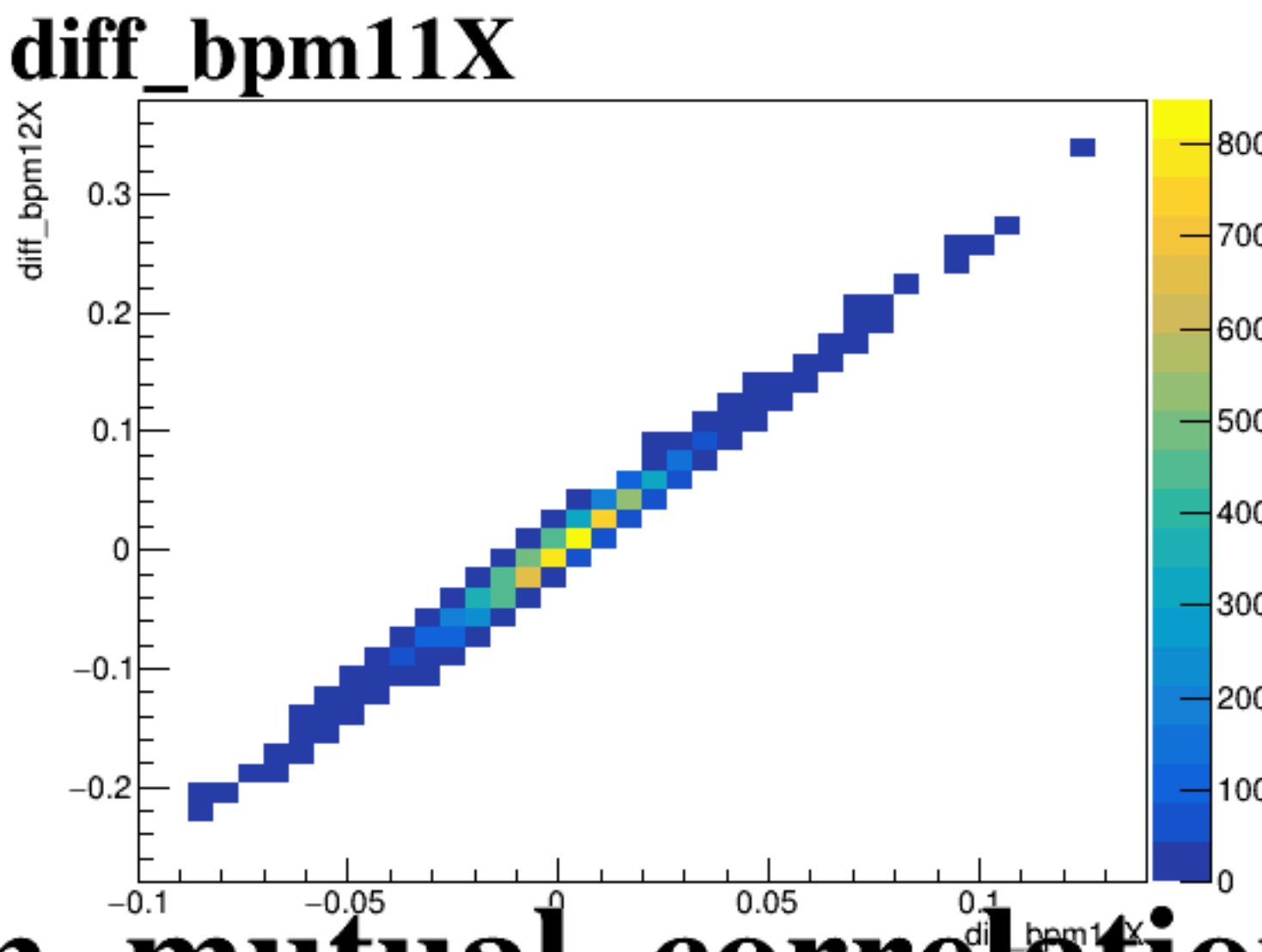
diff_bpm4eX



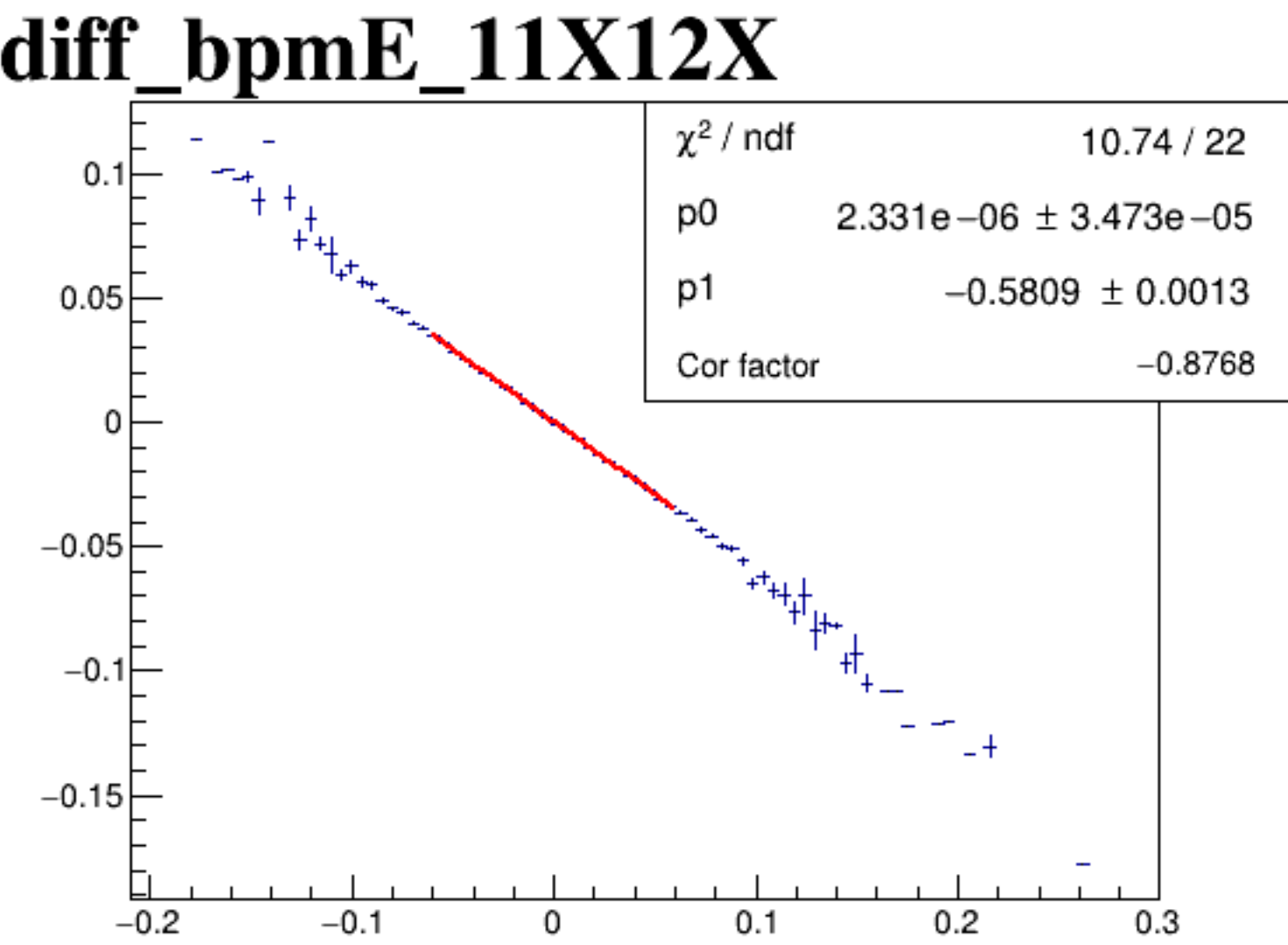
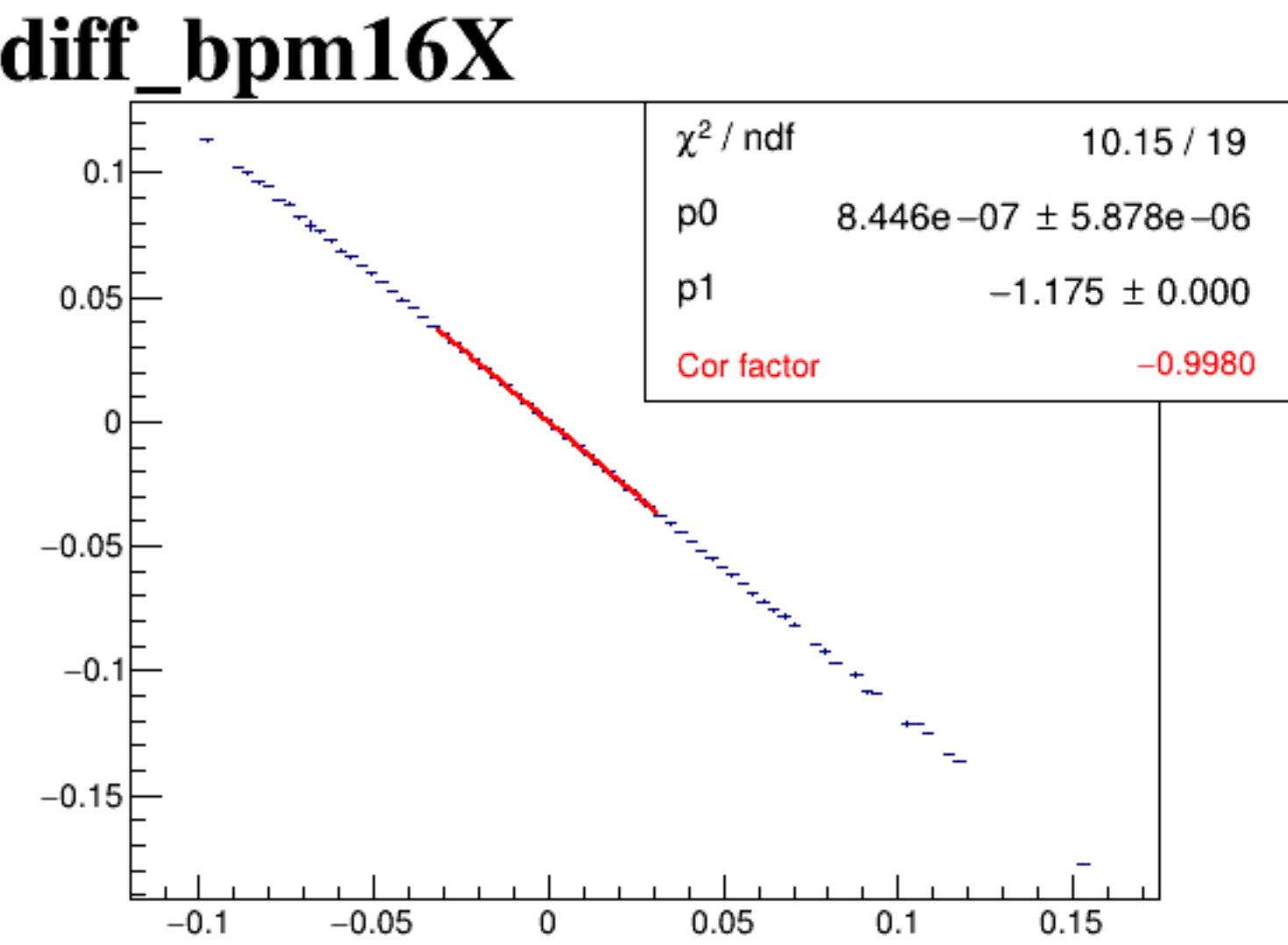
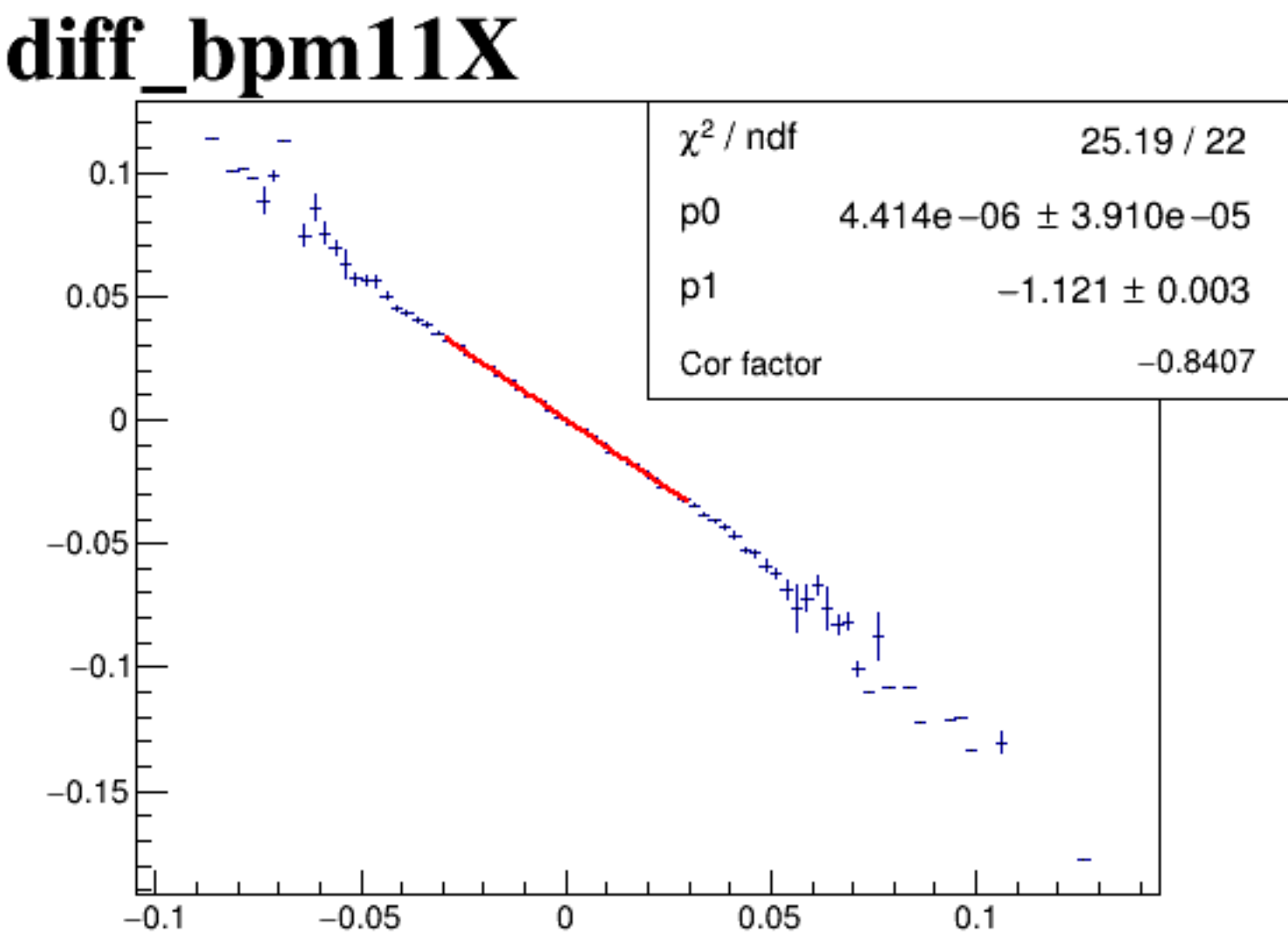
diff_bpm4eY



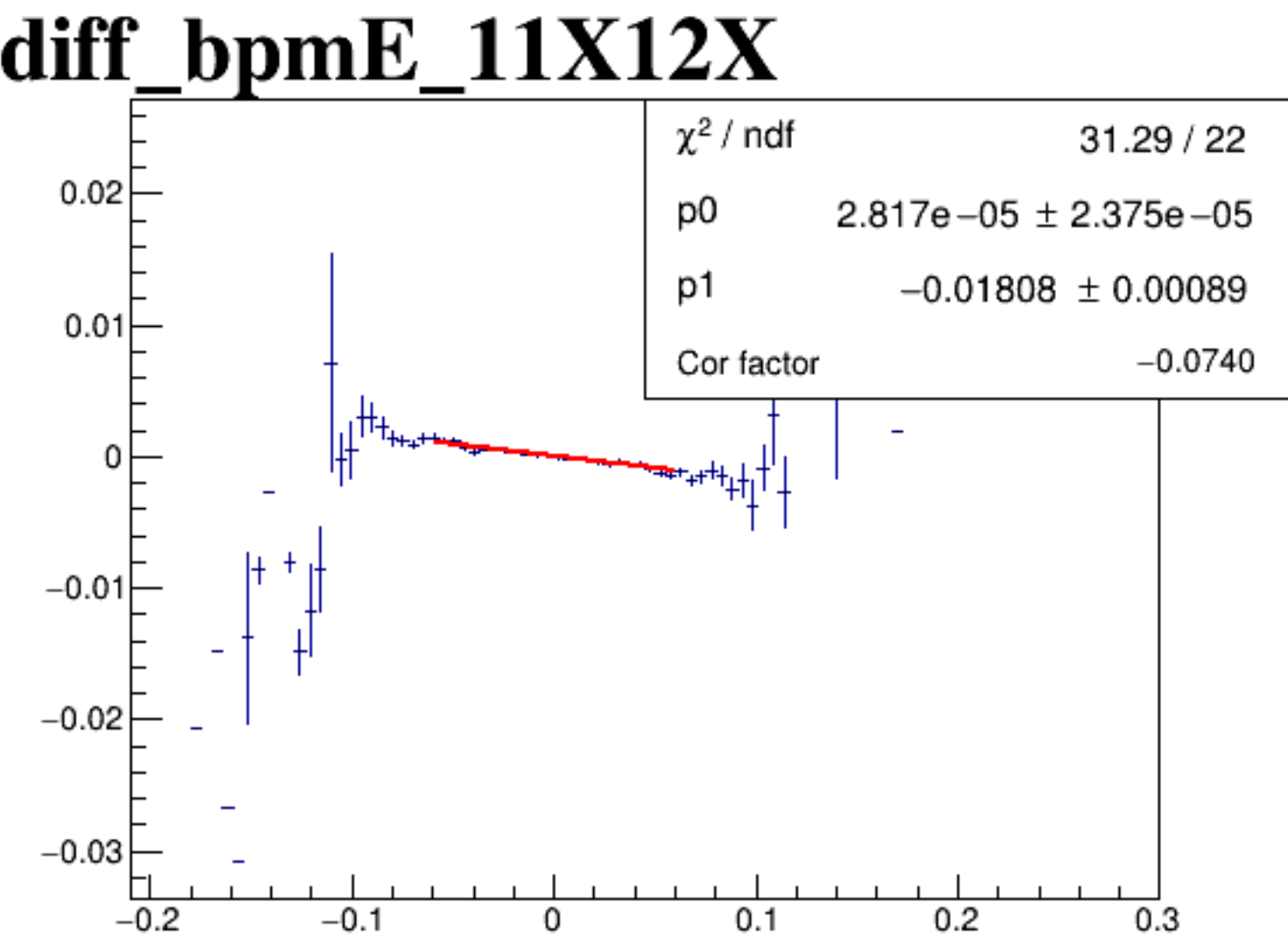
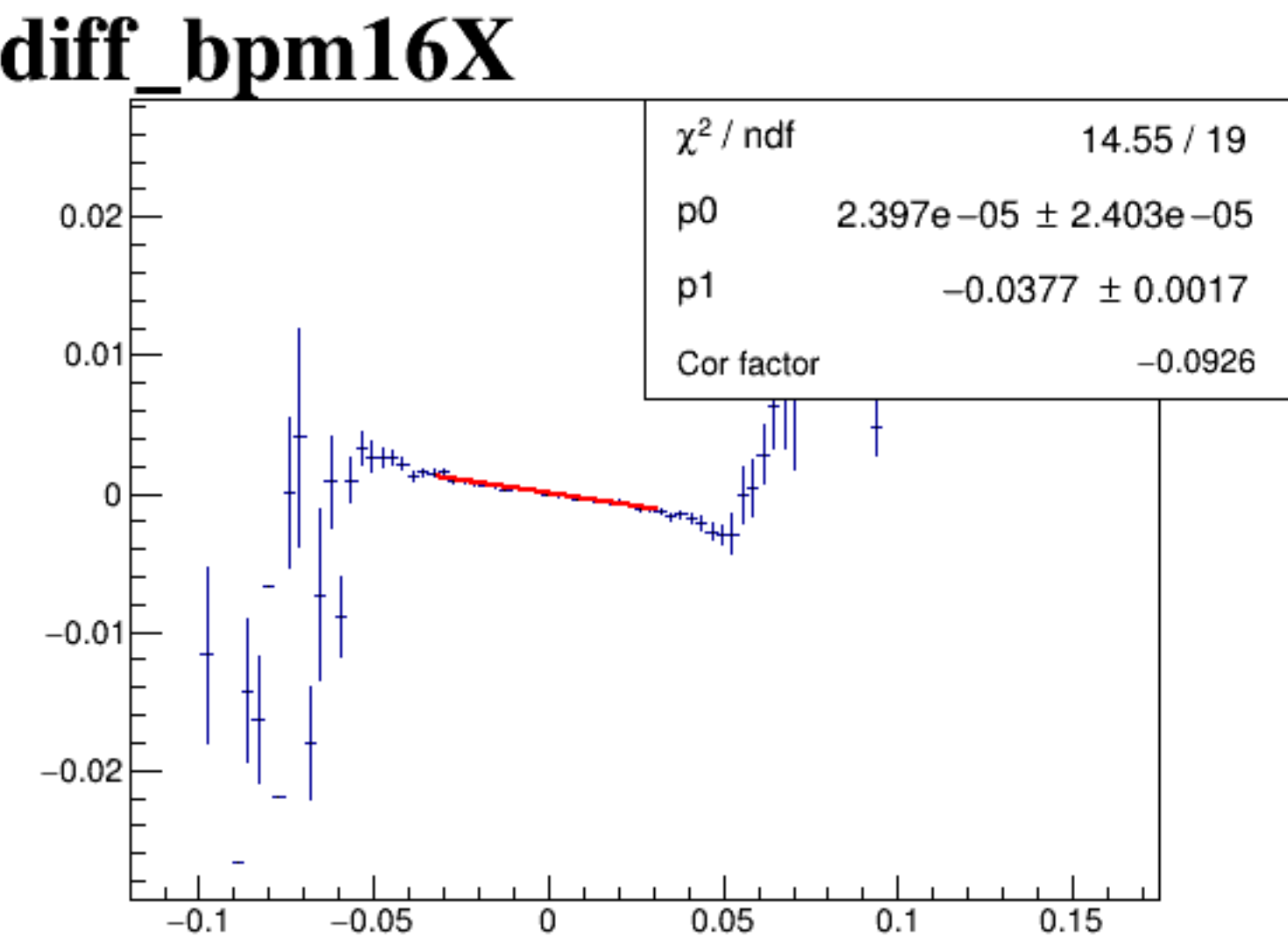
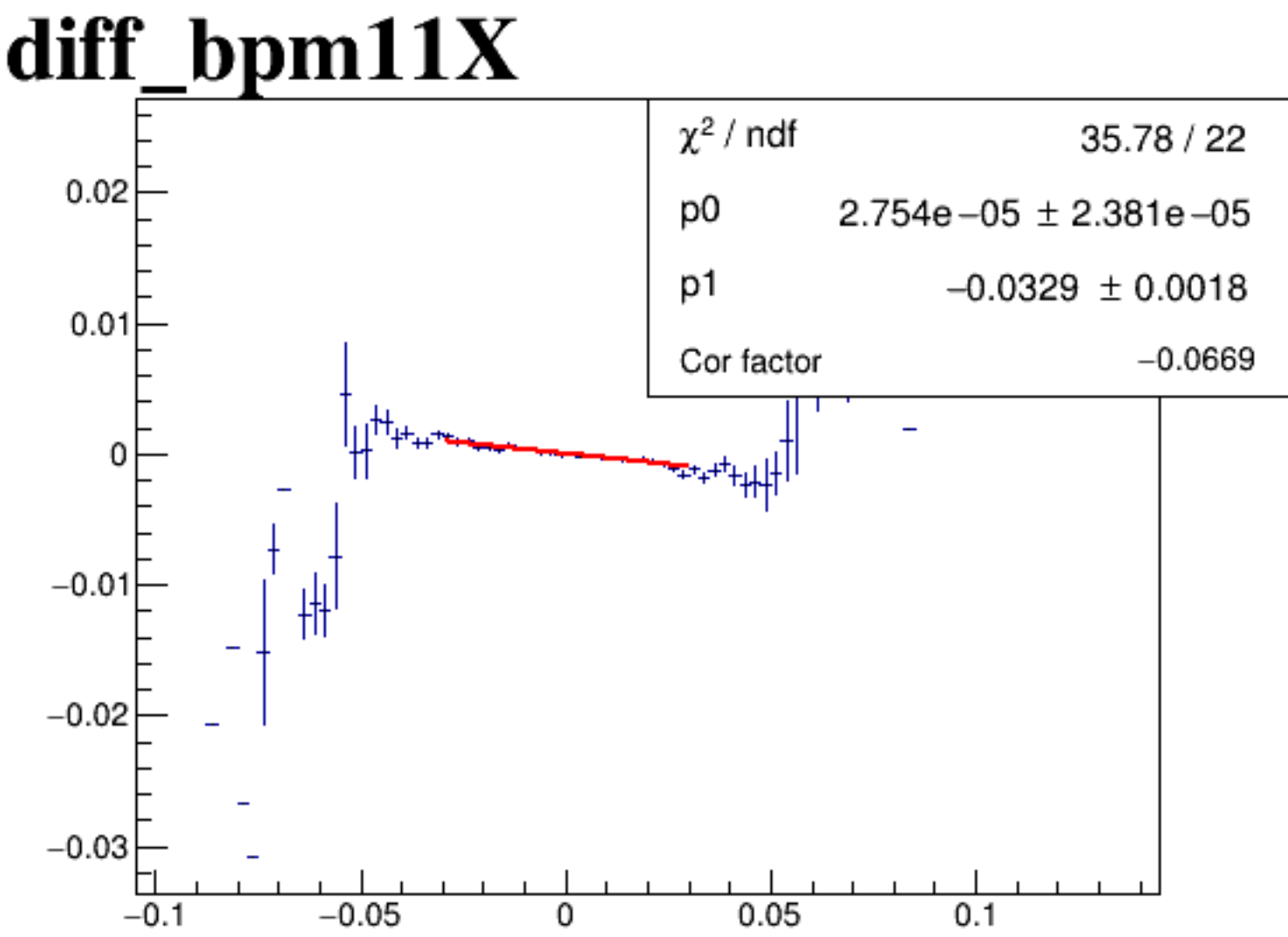
diff_bpm12X



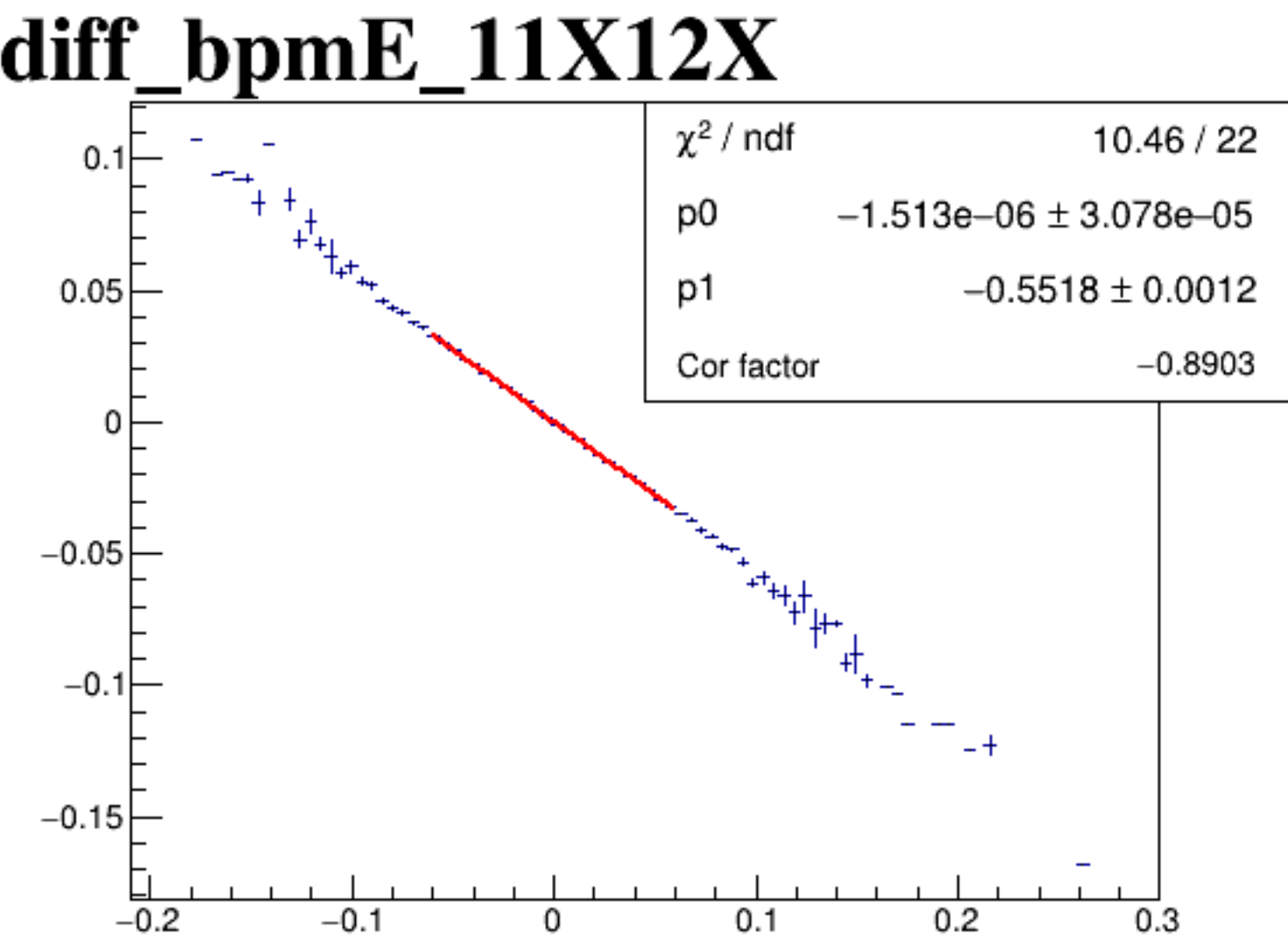
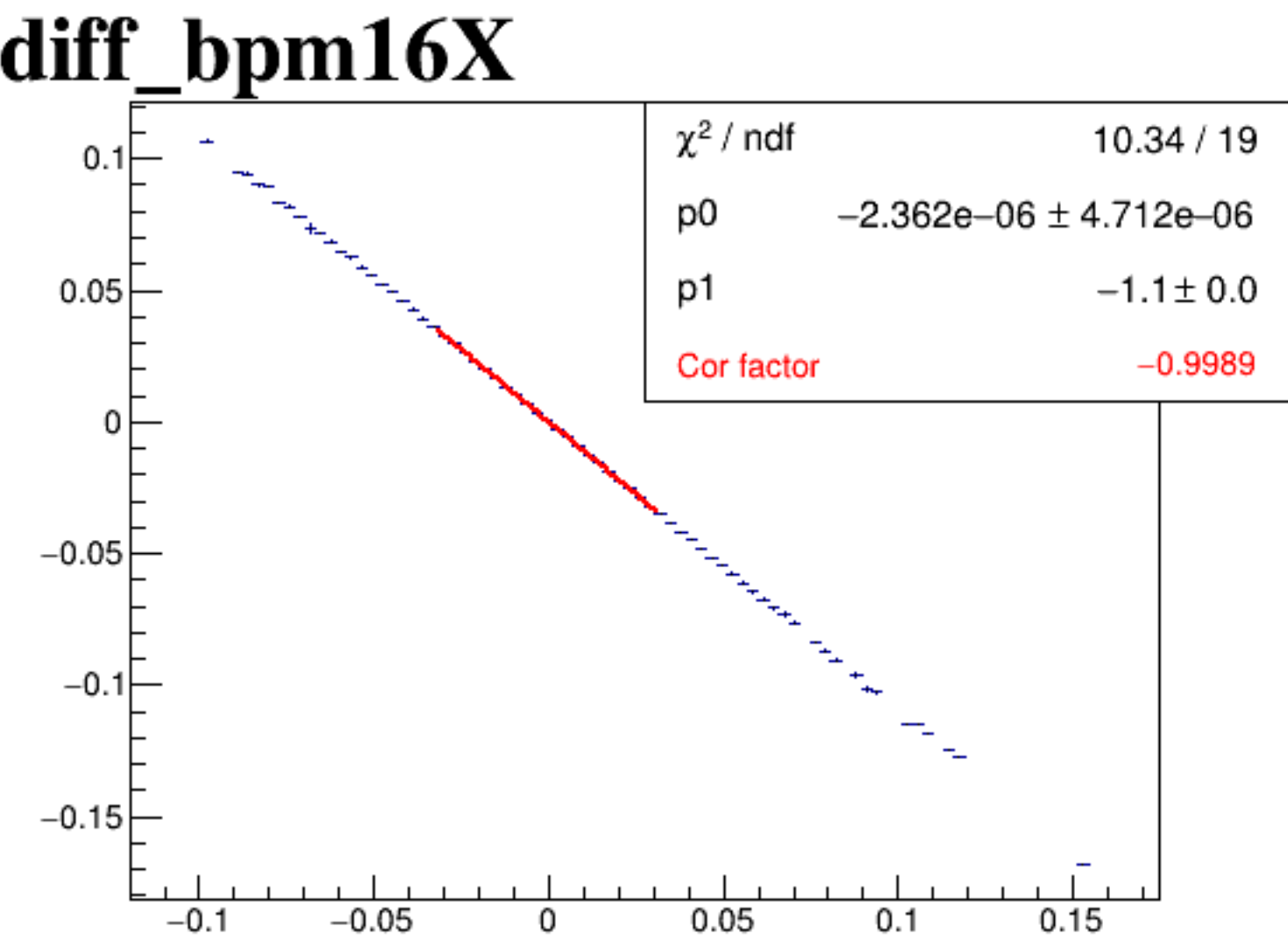
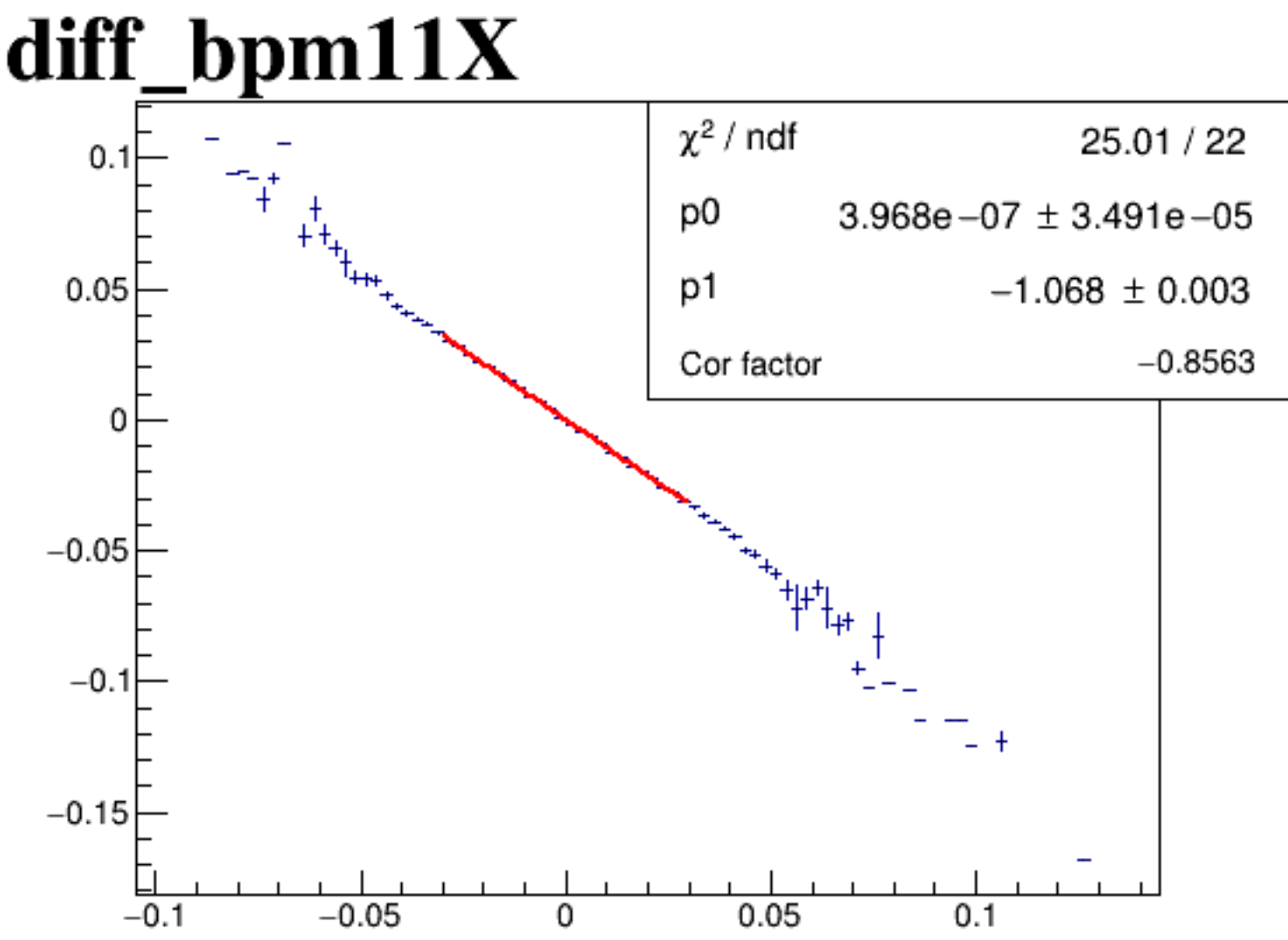
diff_bpm4aX



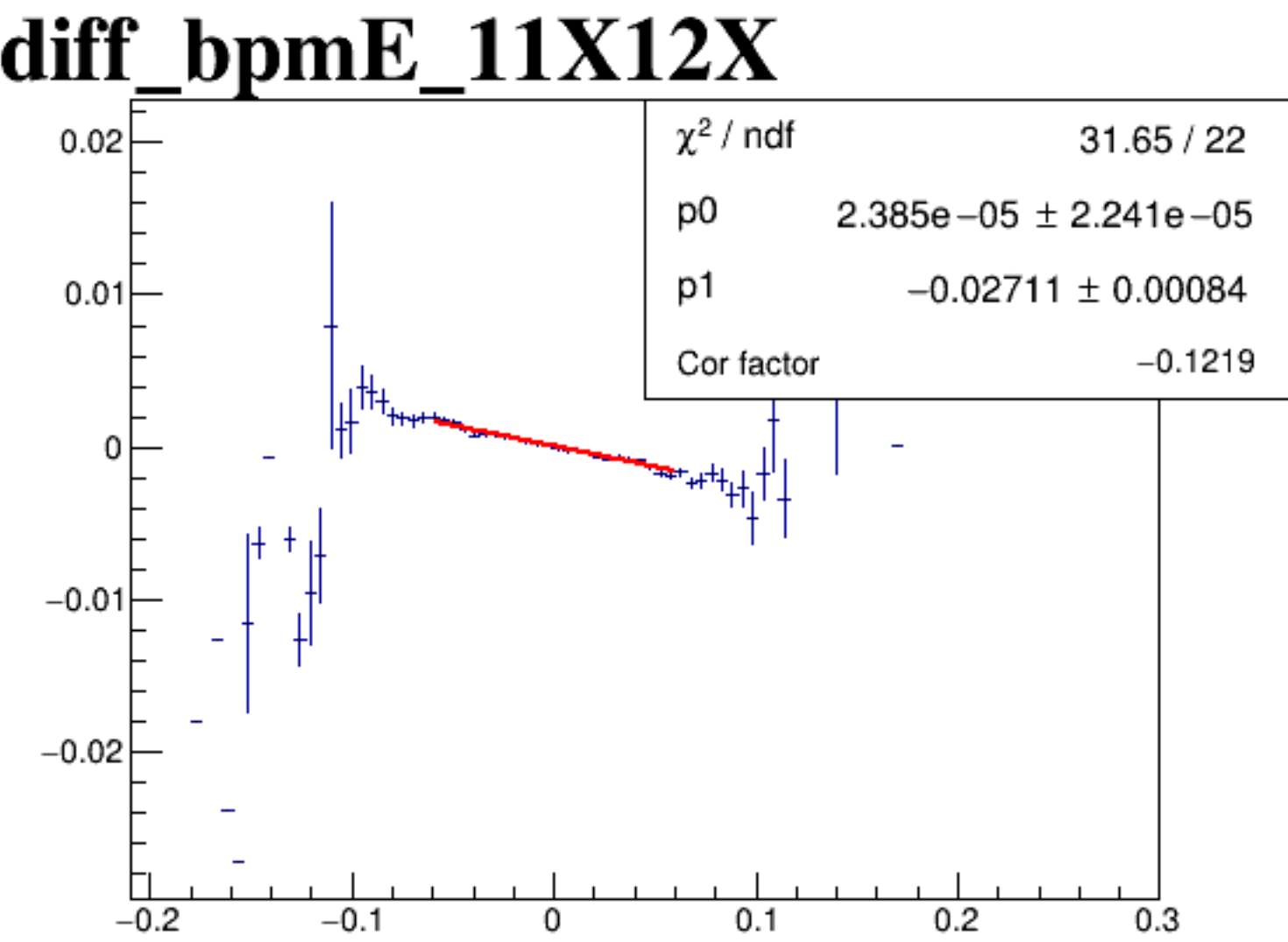
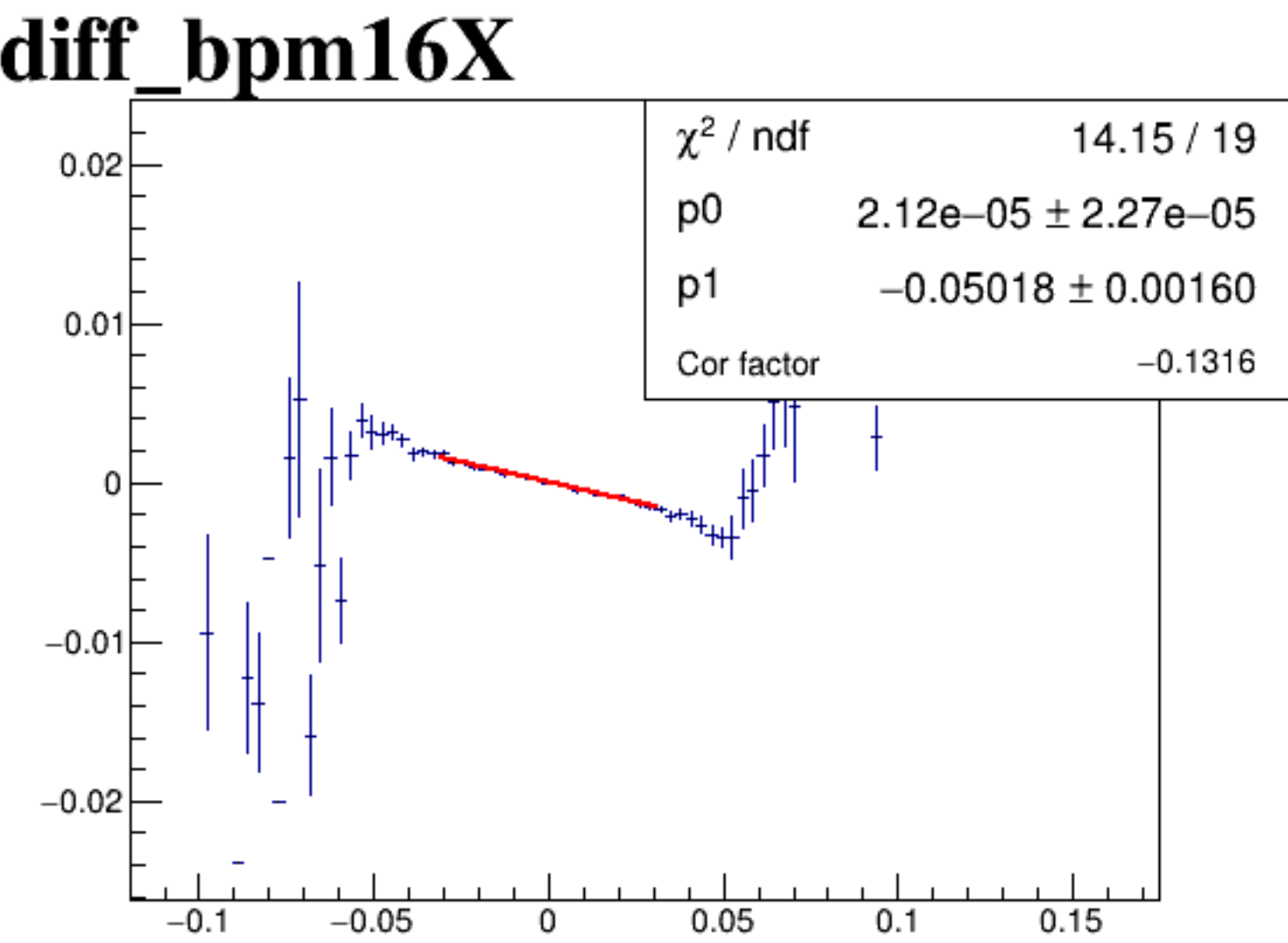
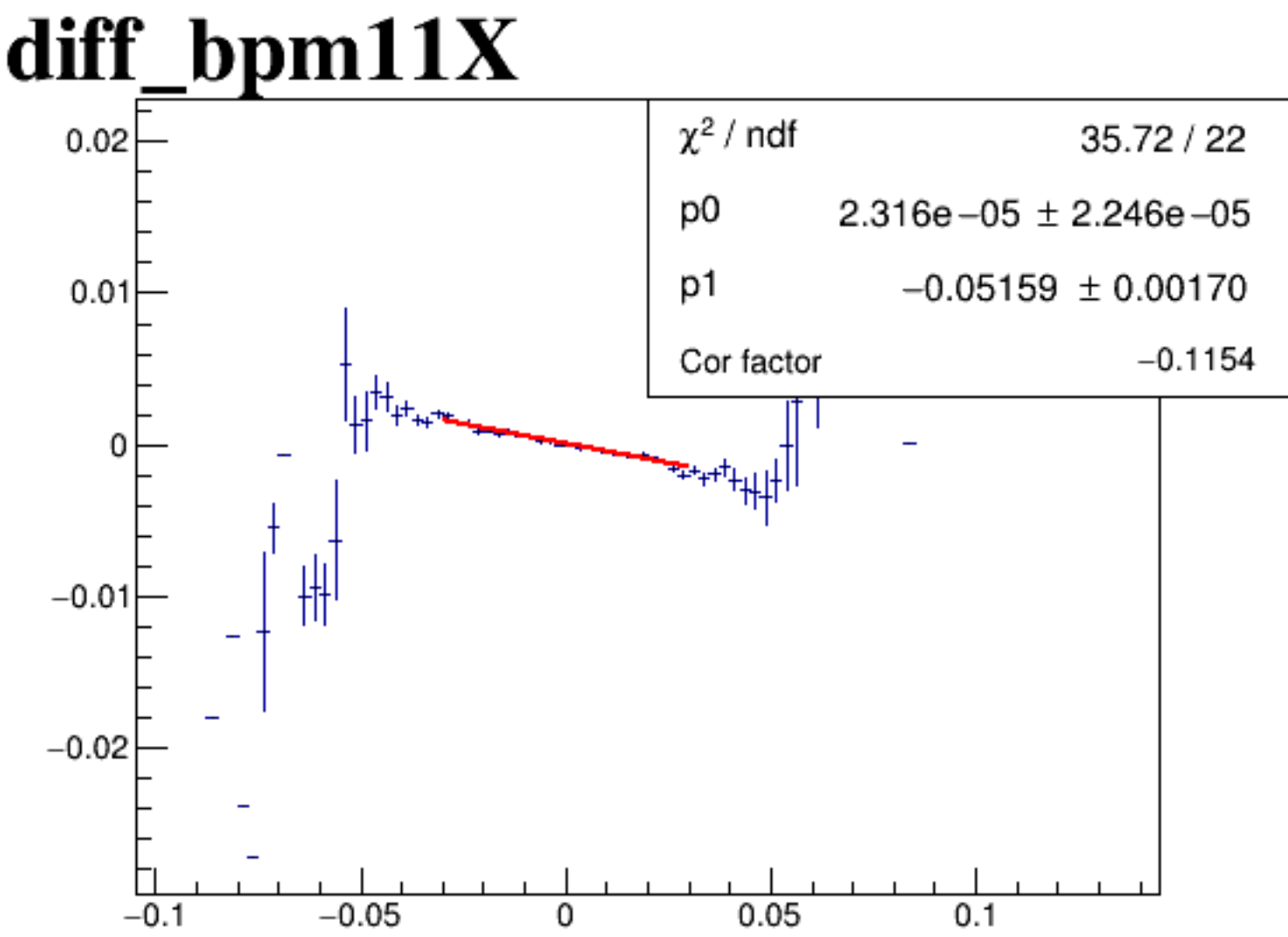
diff_bpm4aY



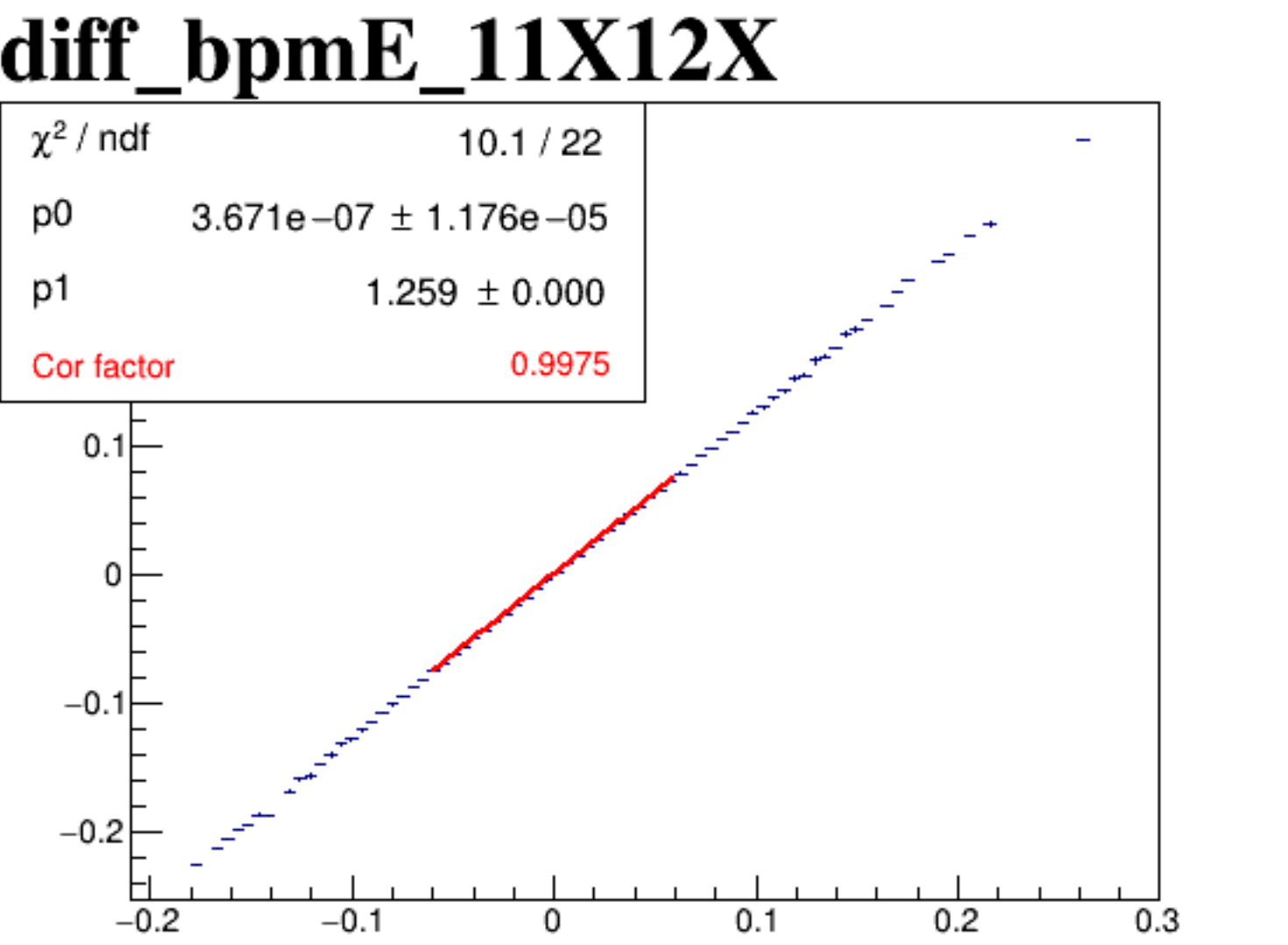
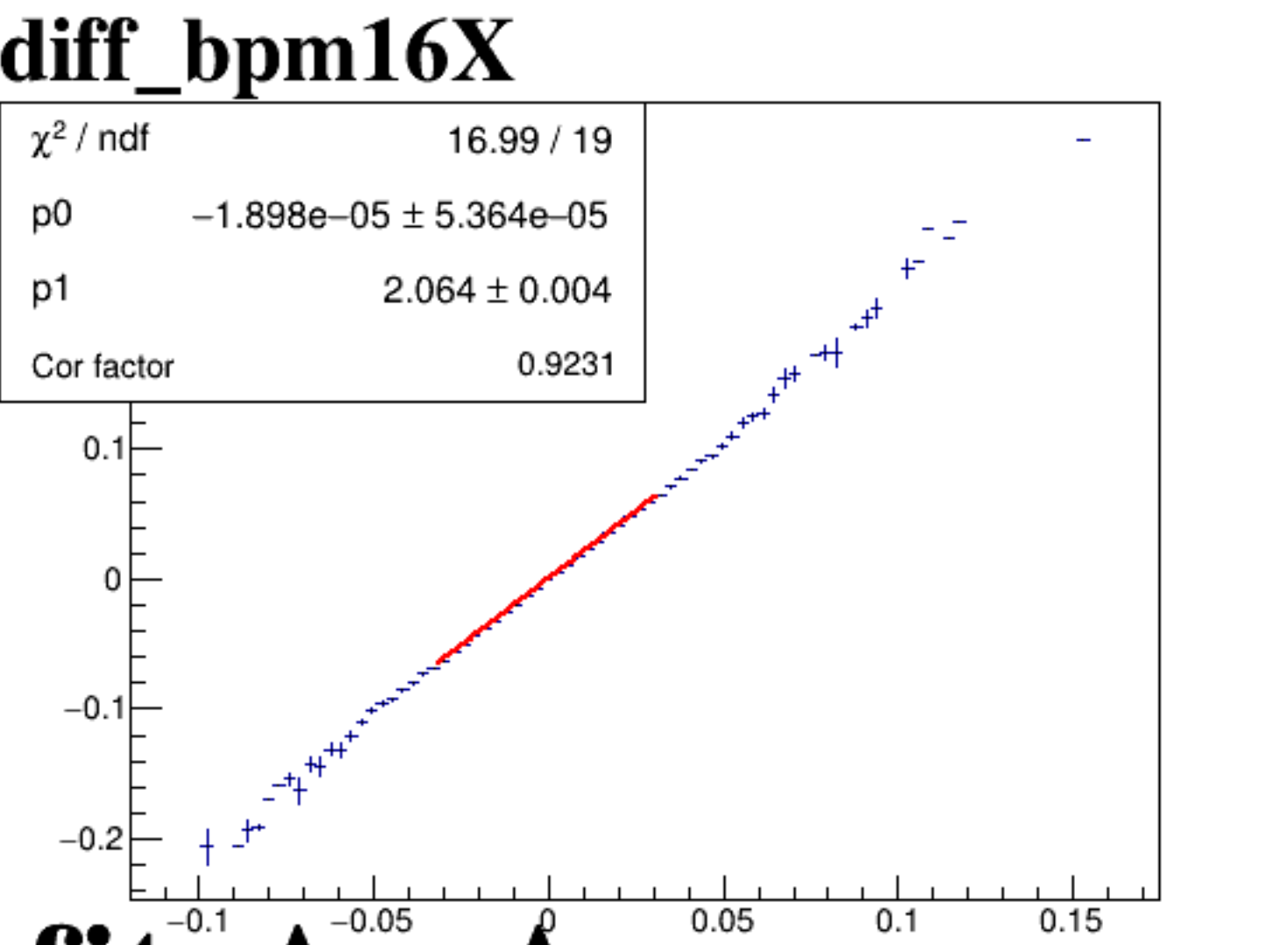
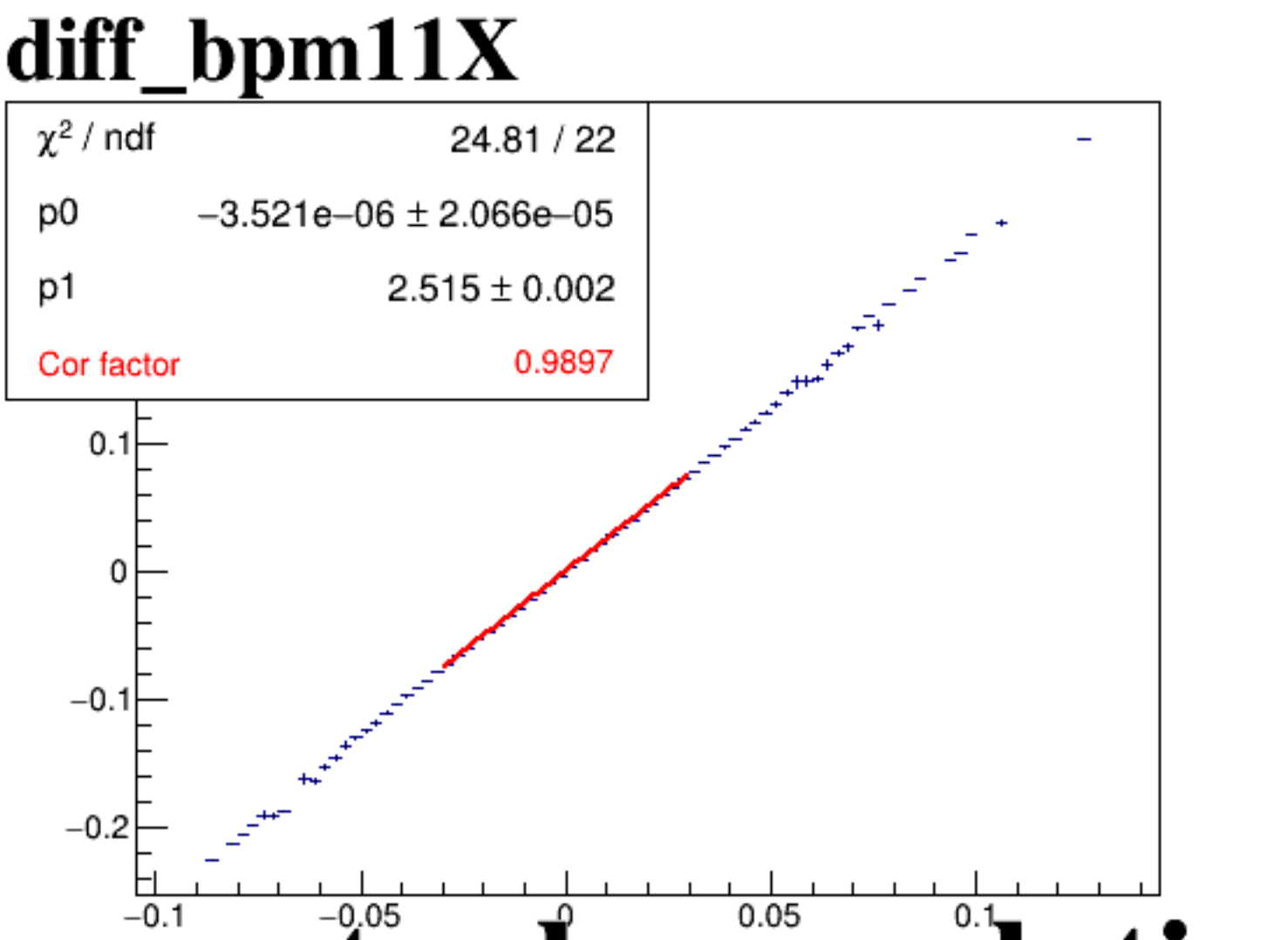
diff_bpm4eX



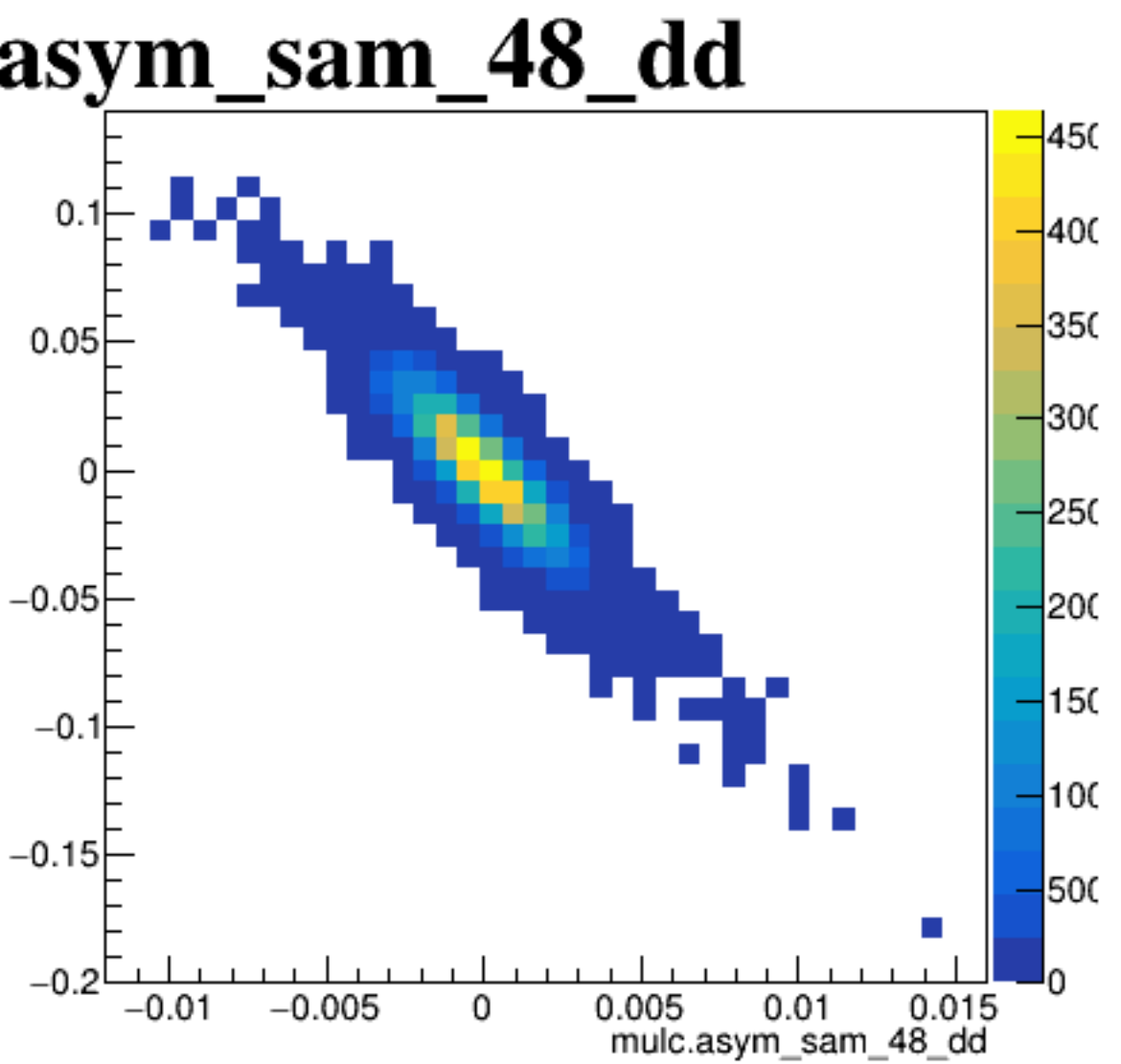
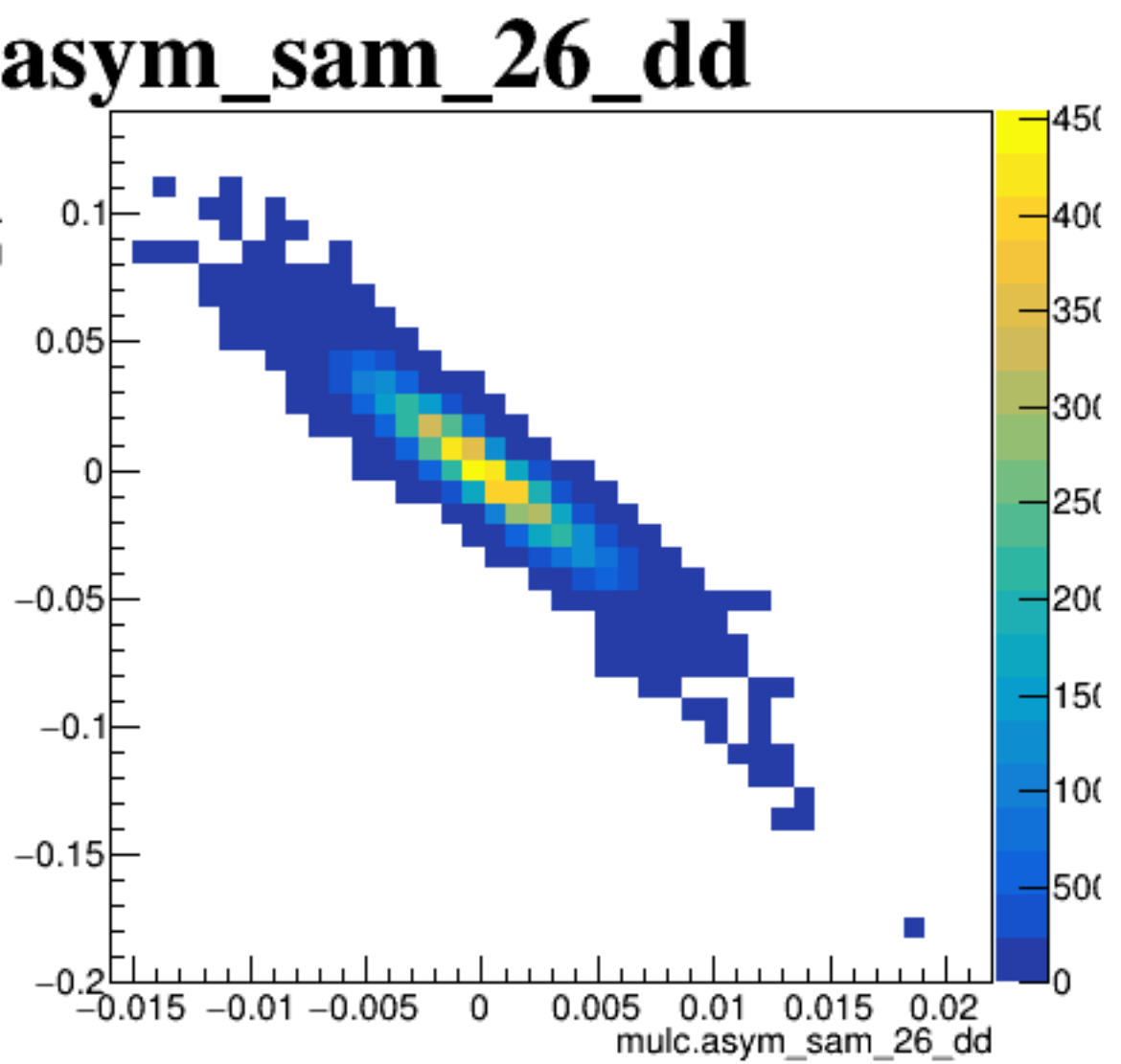
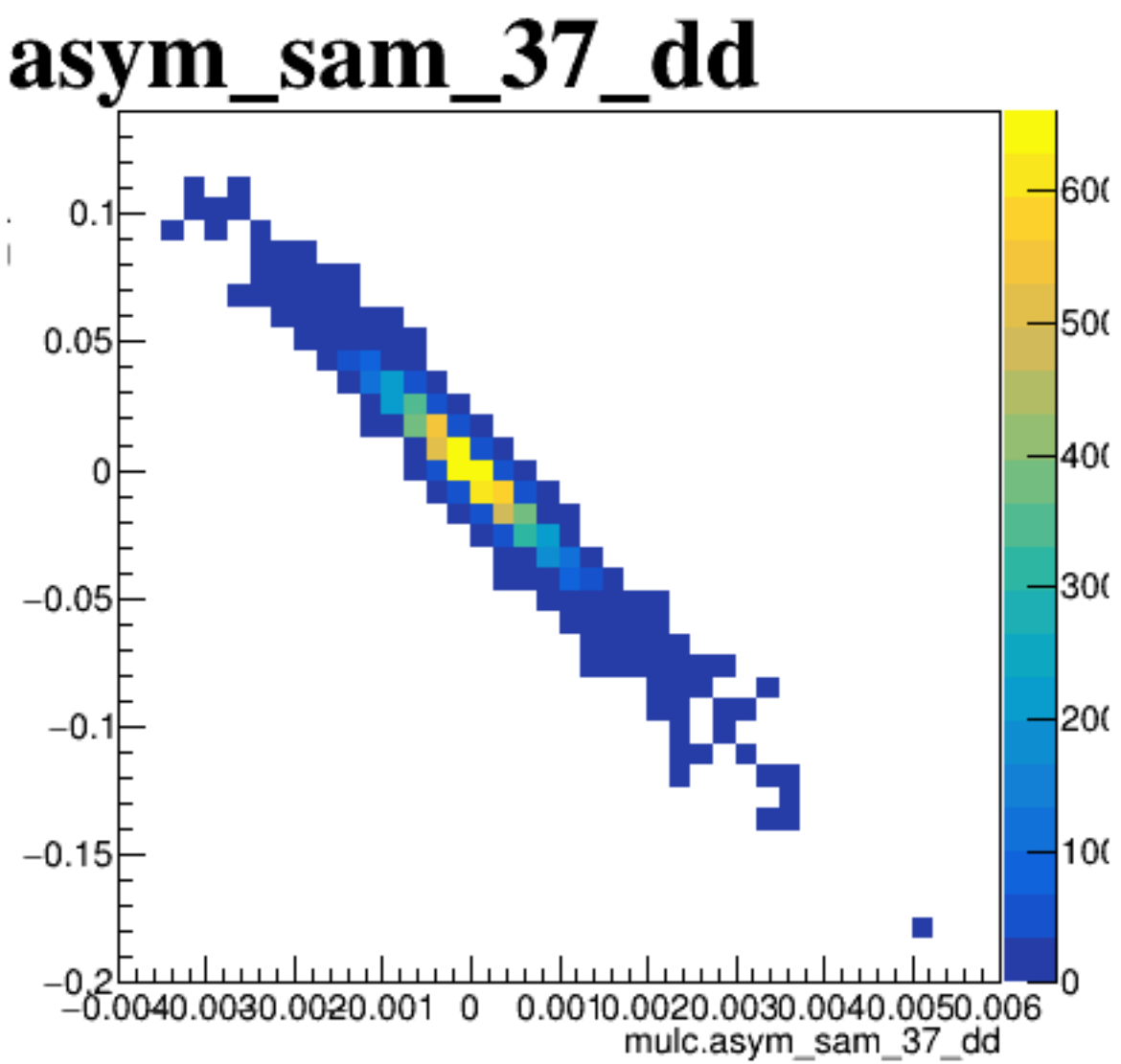
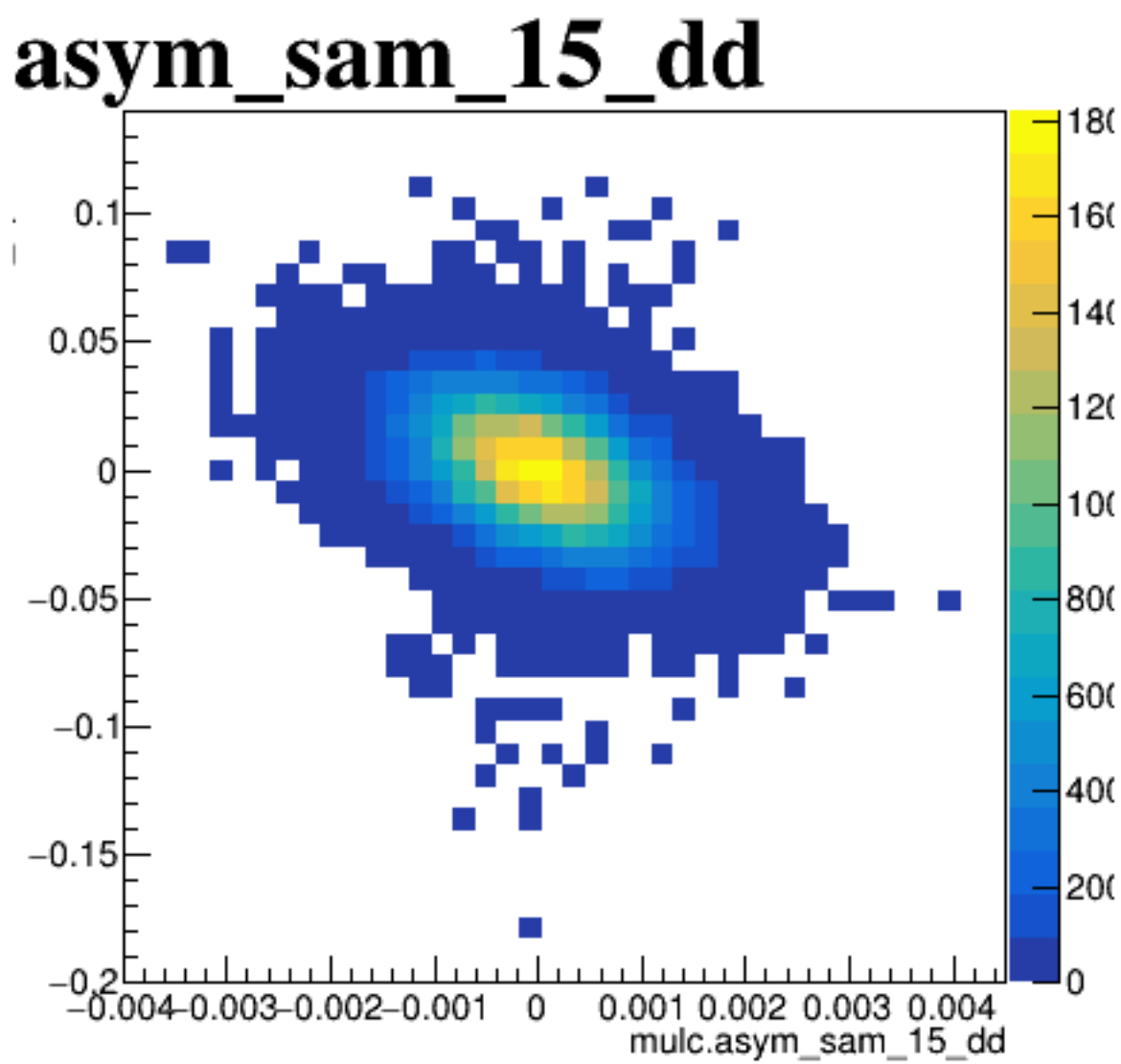
diff_bpm4eY



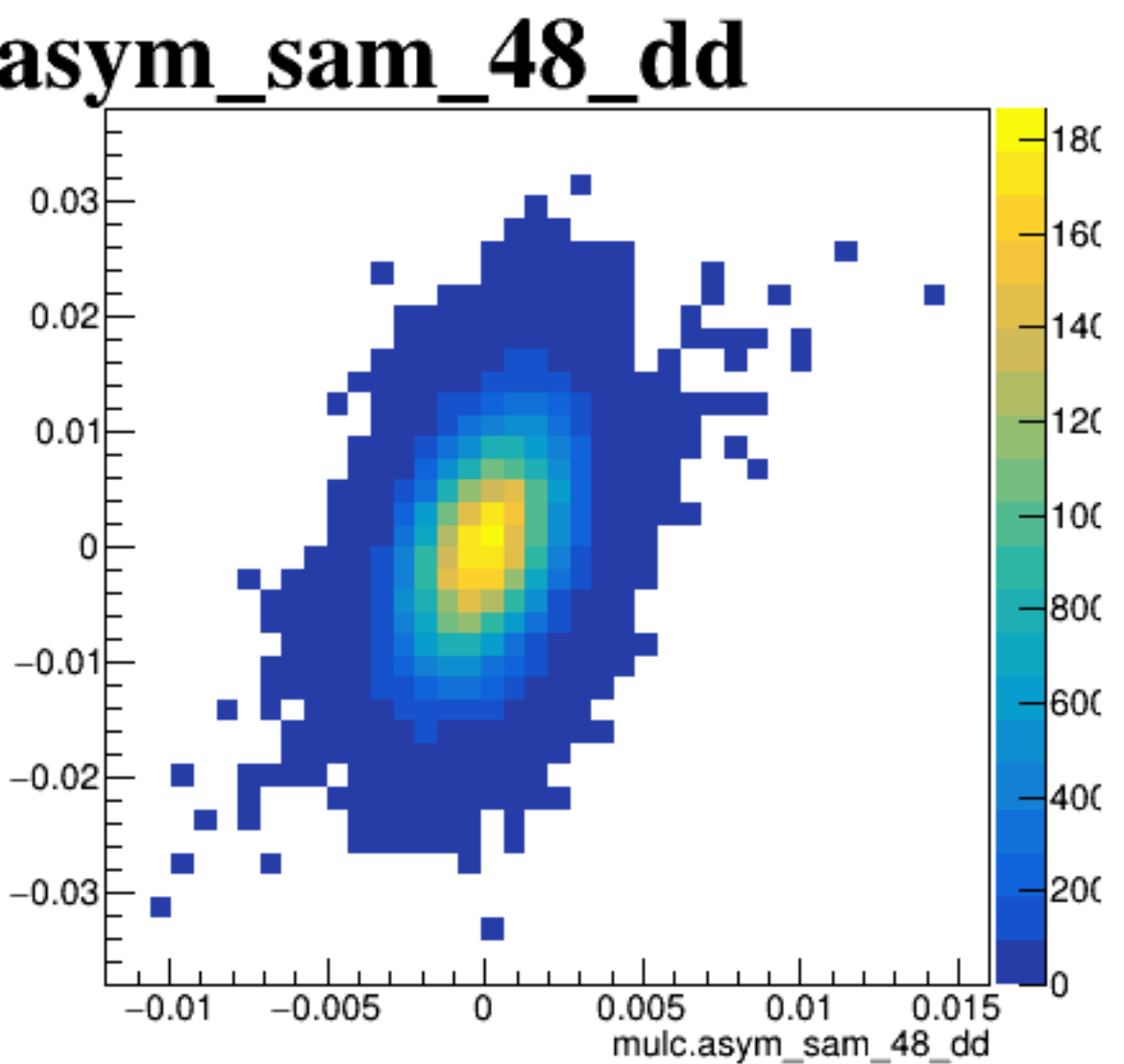
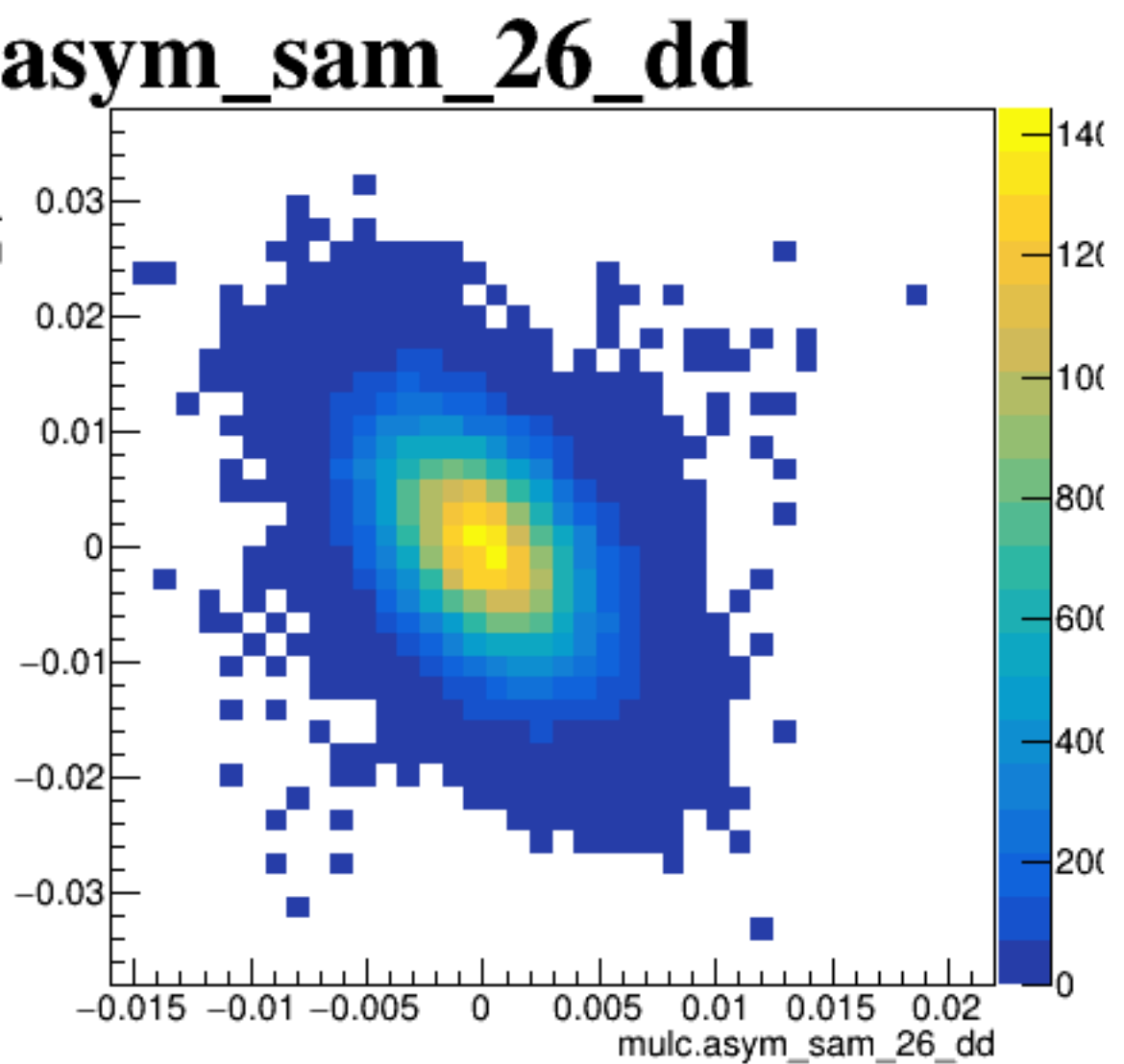
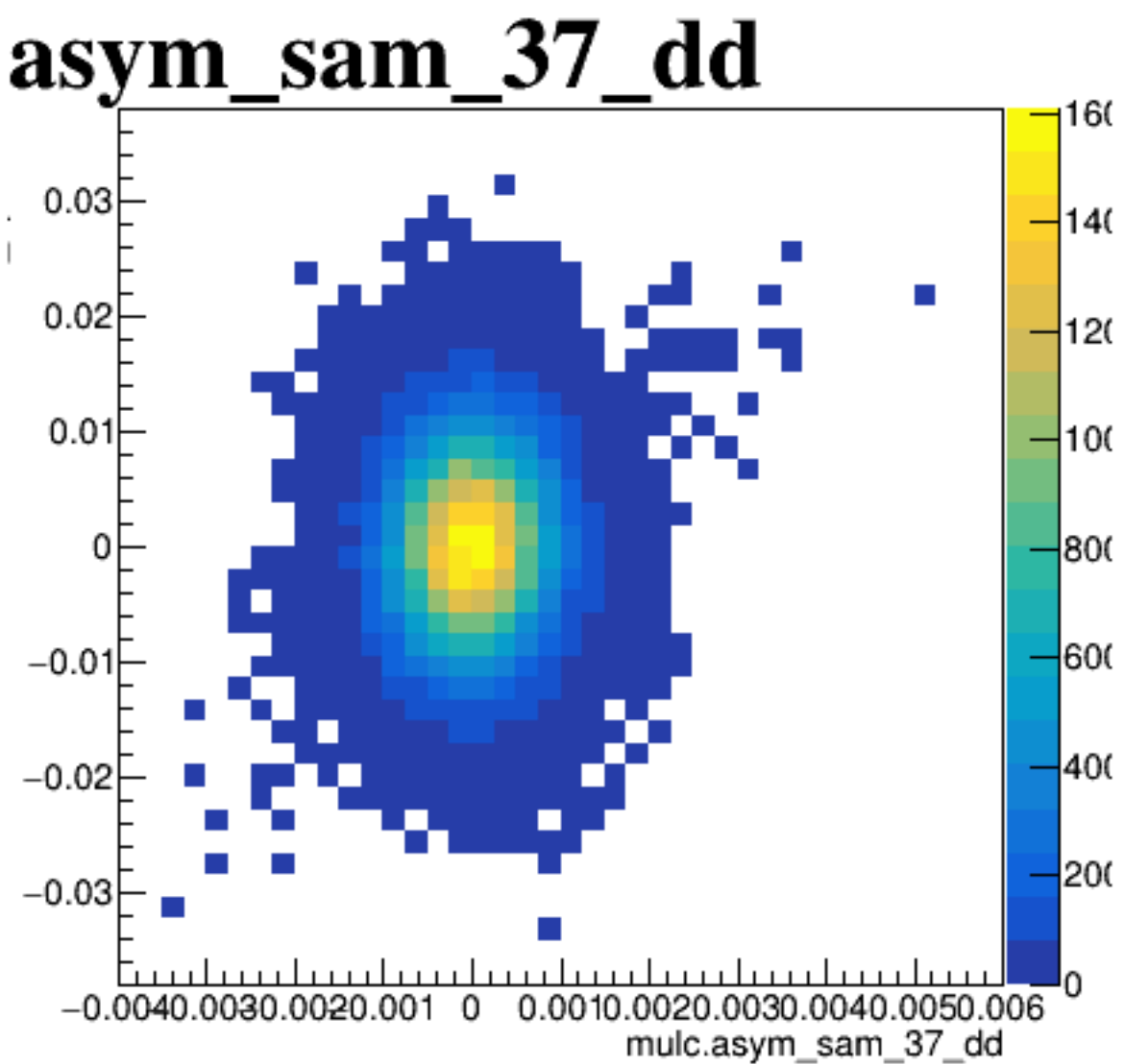
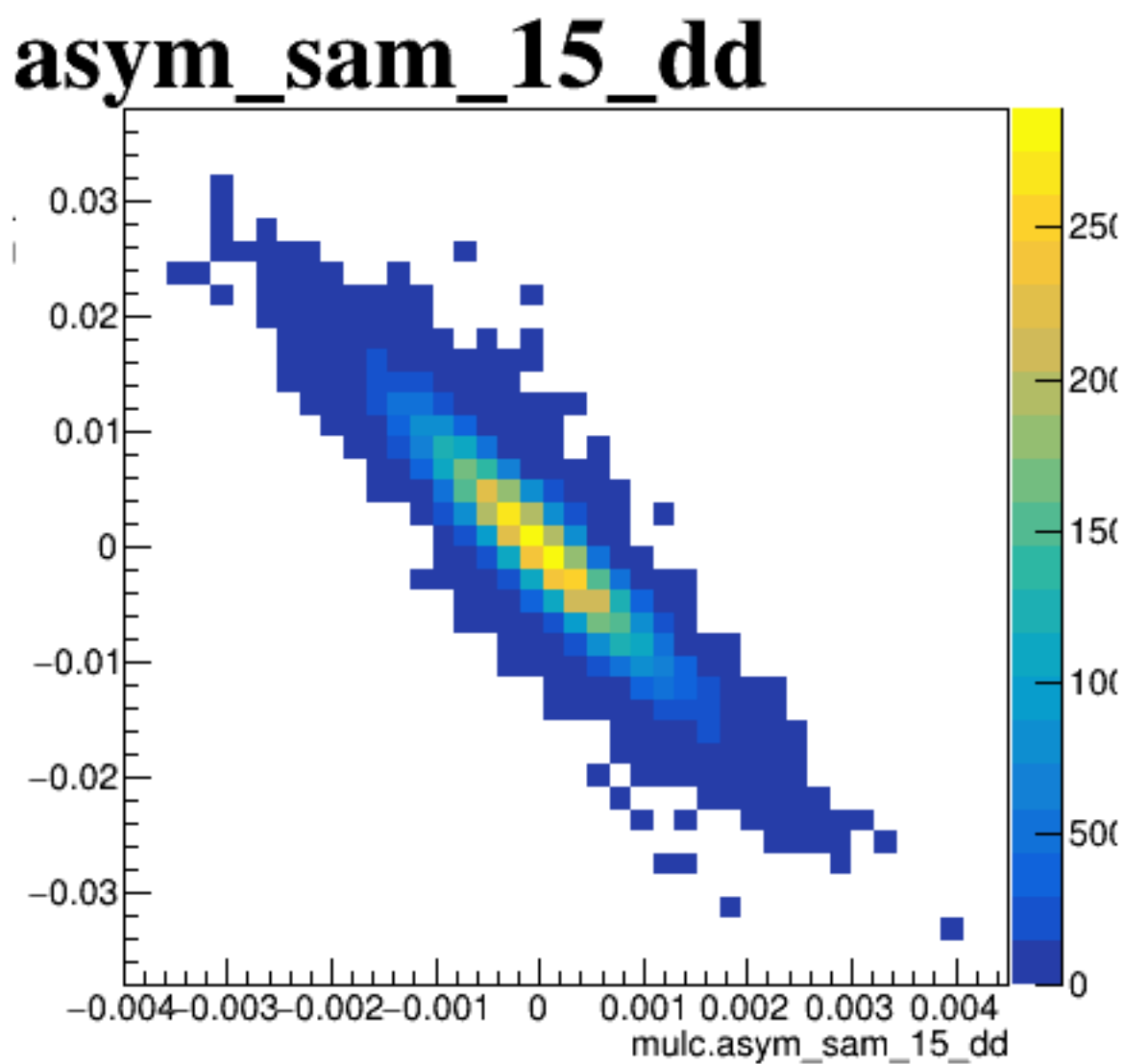
diff_bpm12X



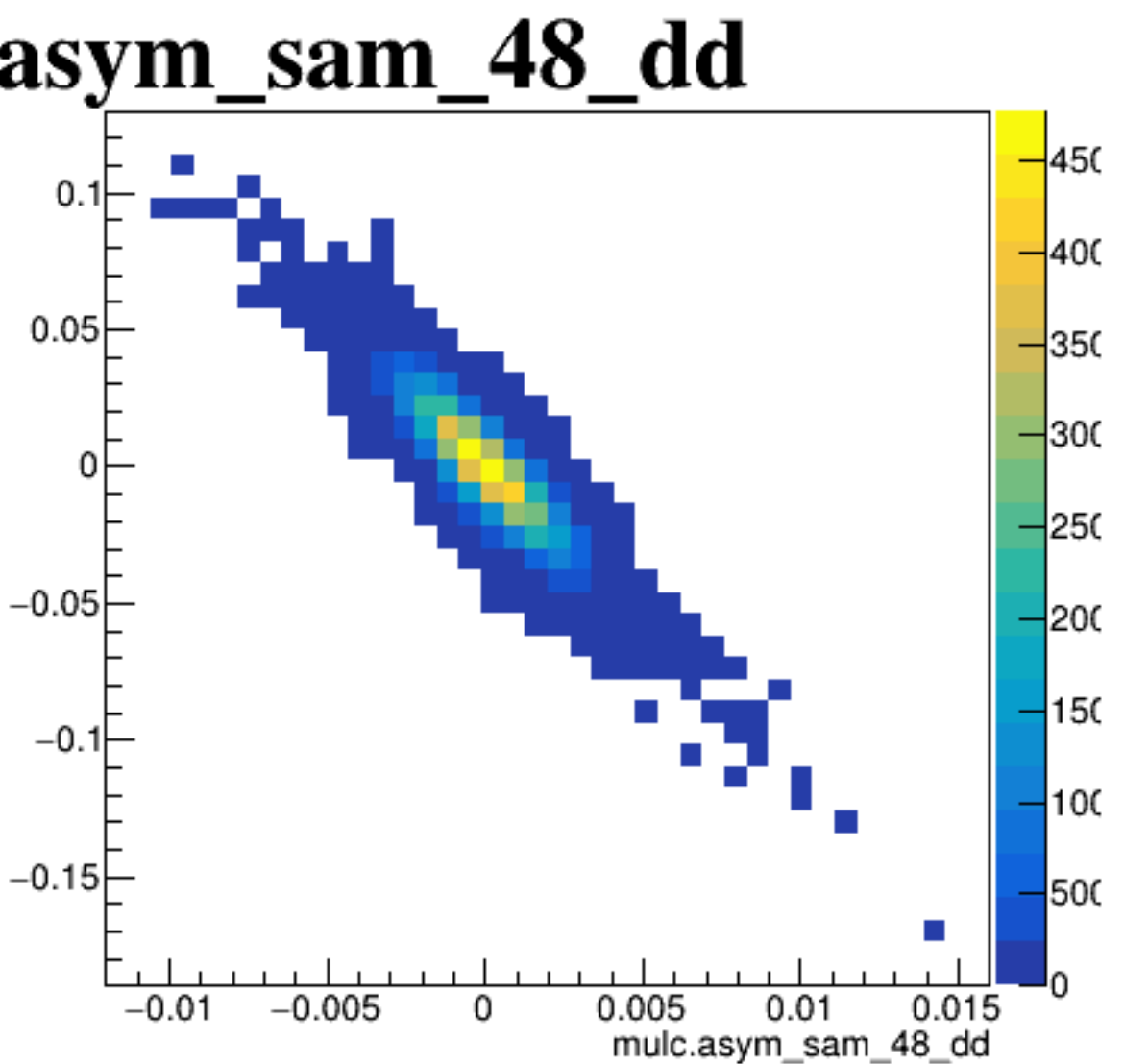
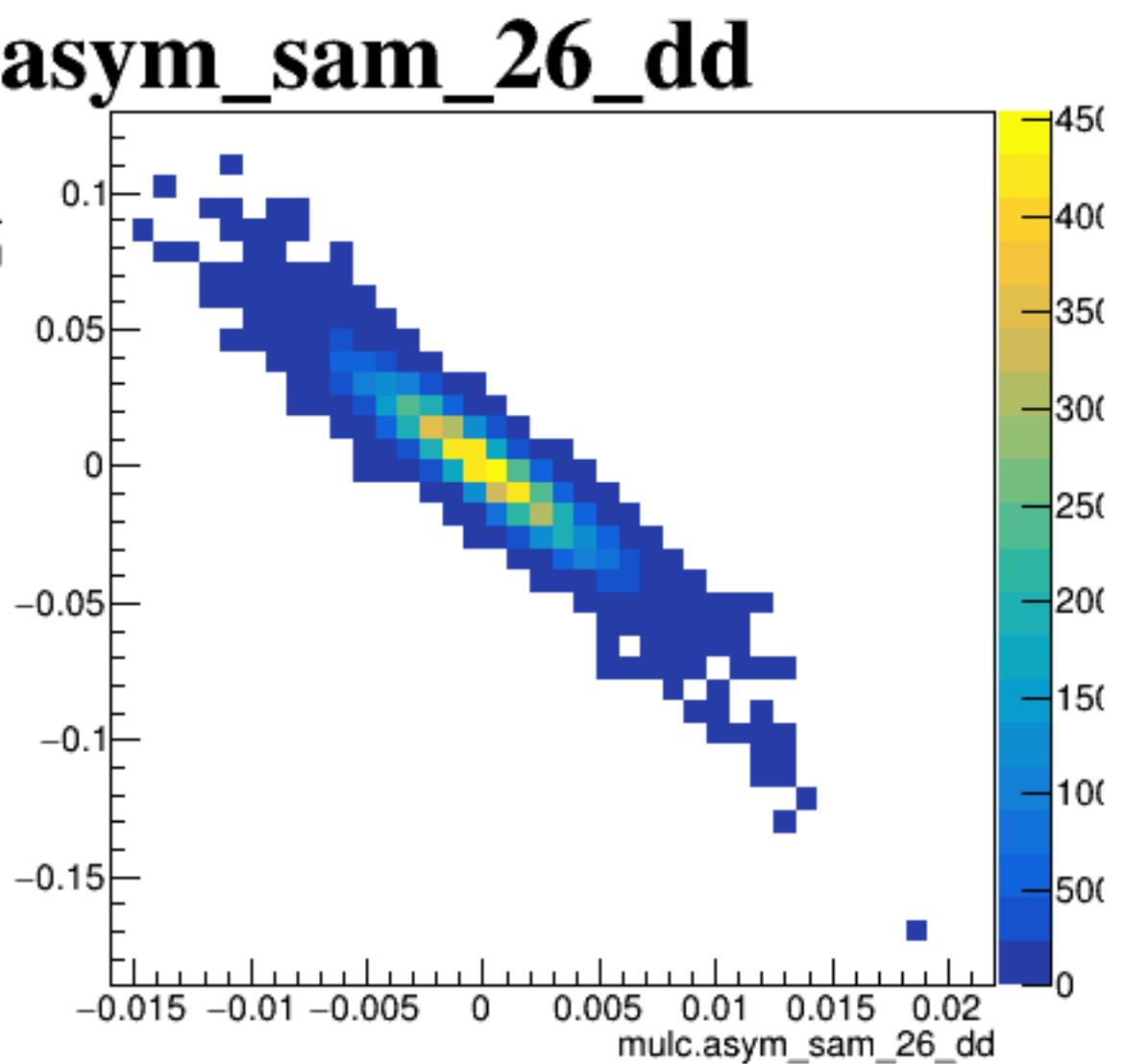
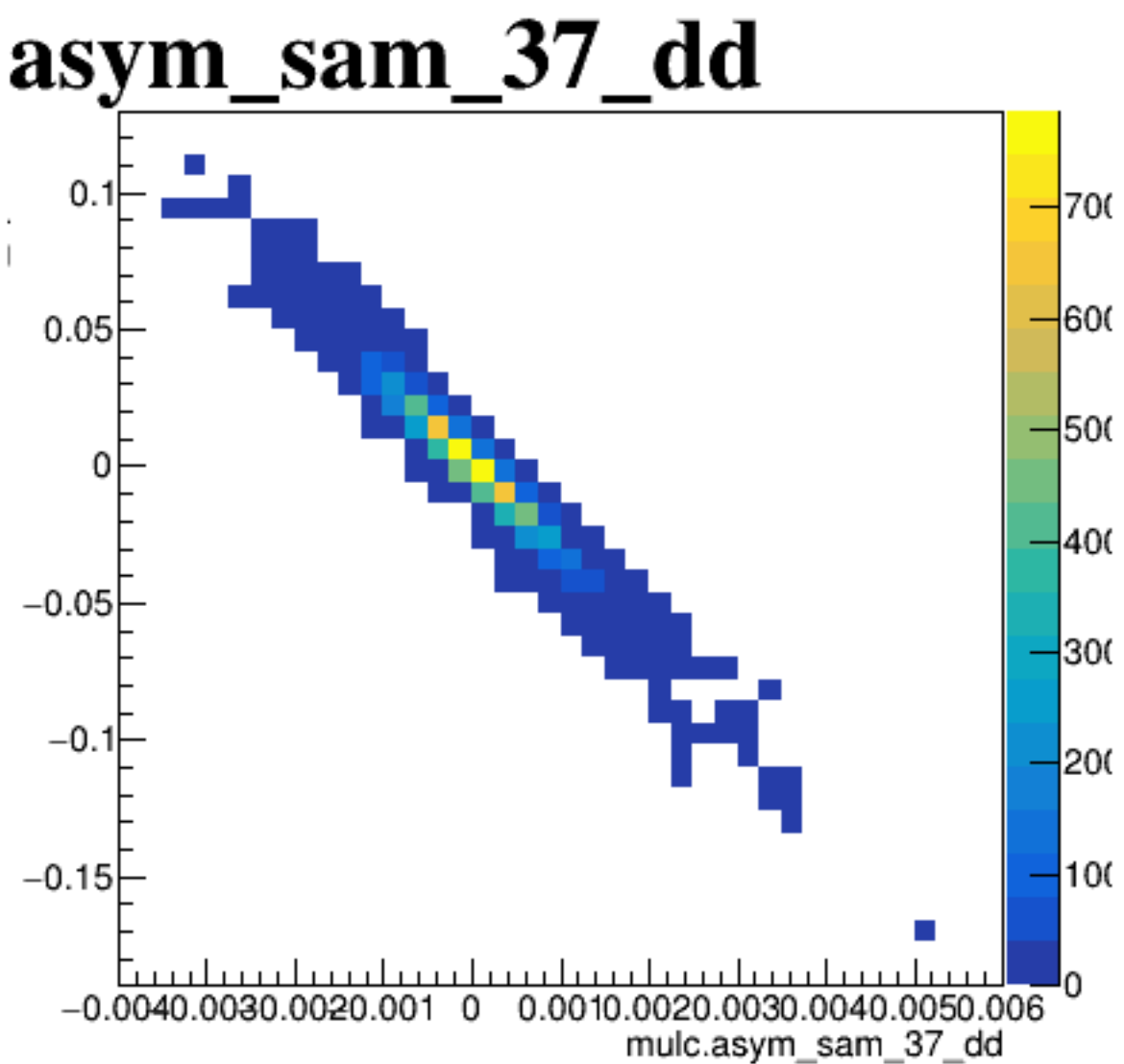
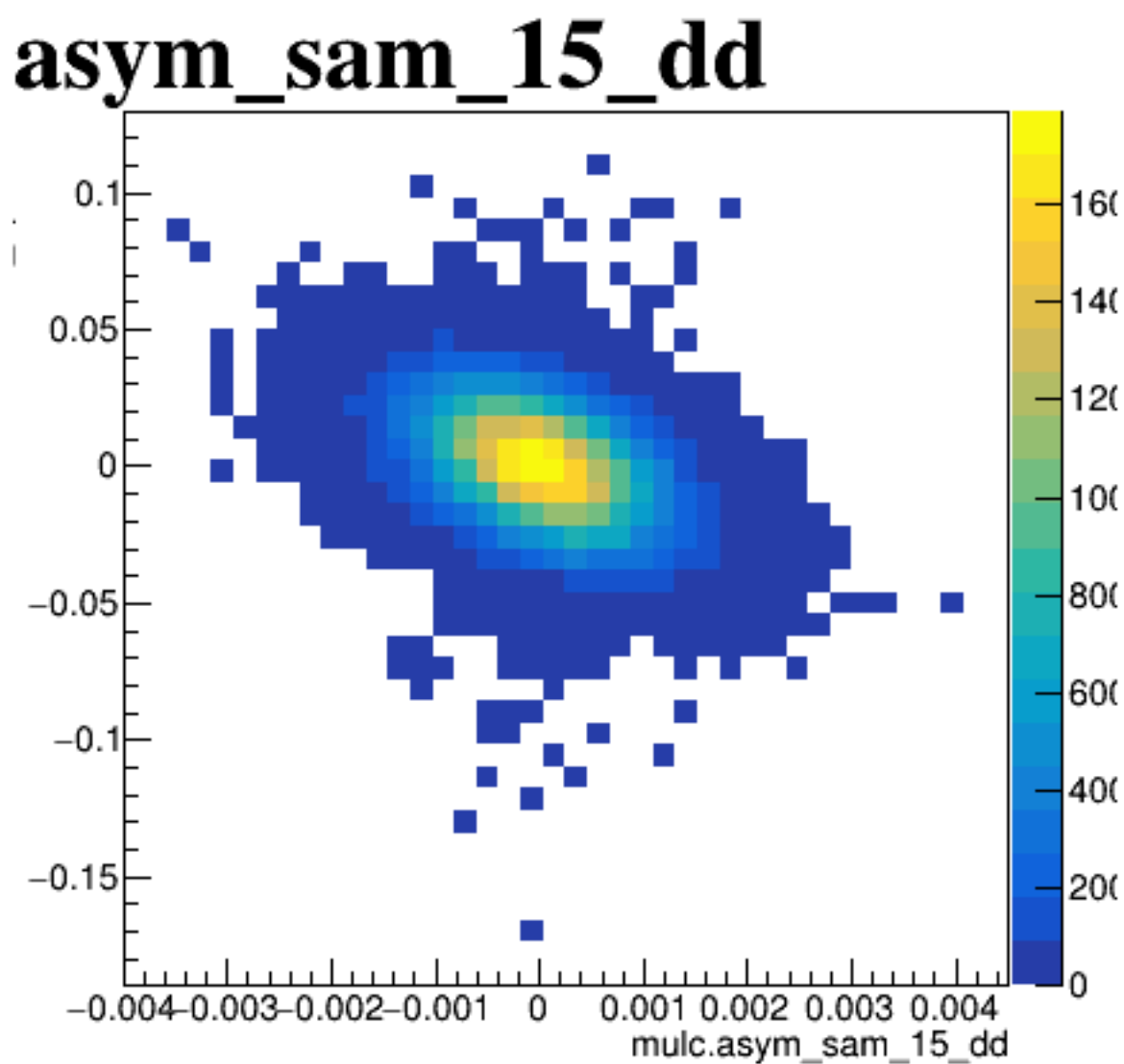
diff_bpm4aX



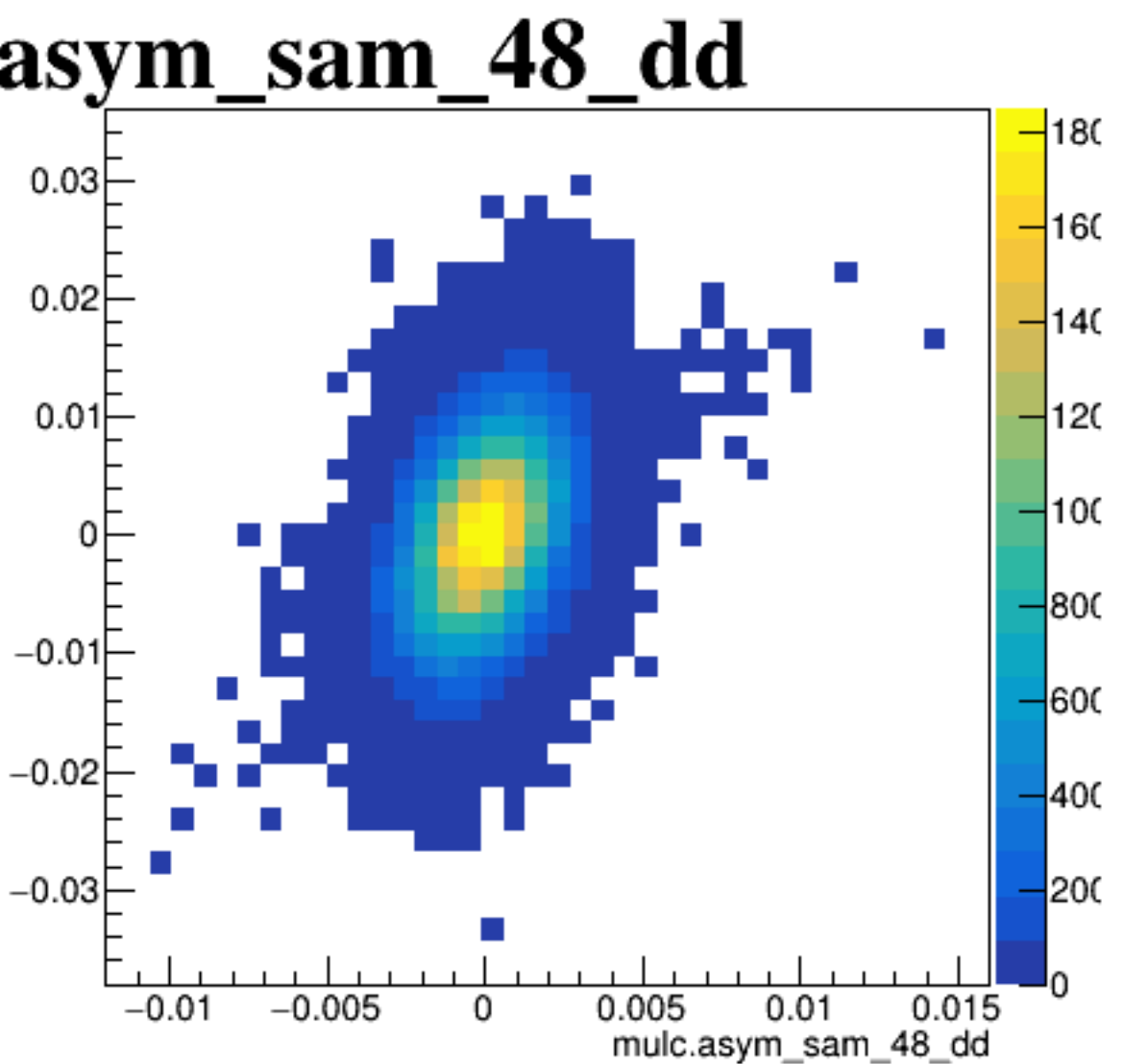
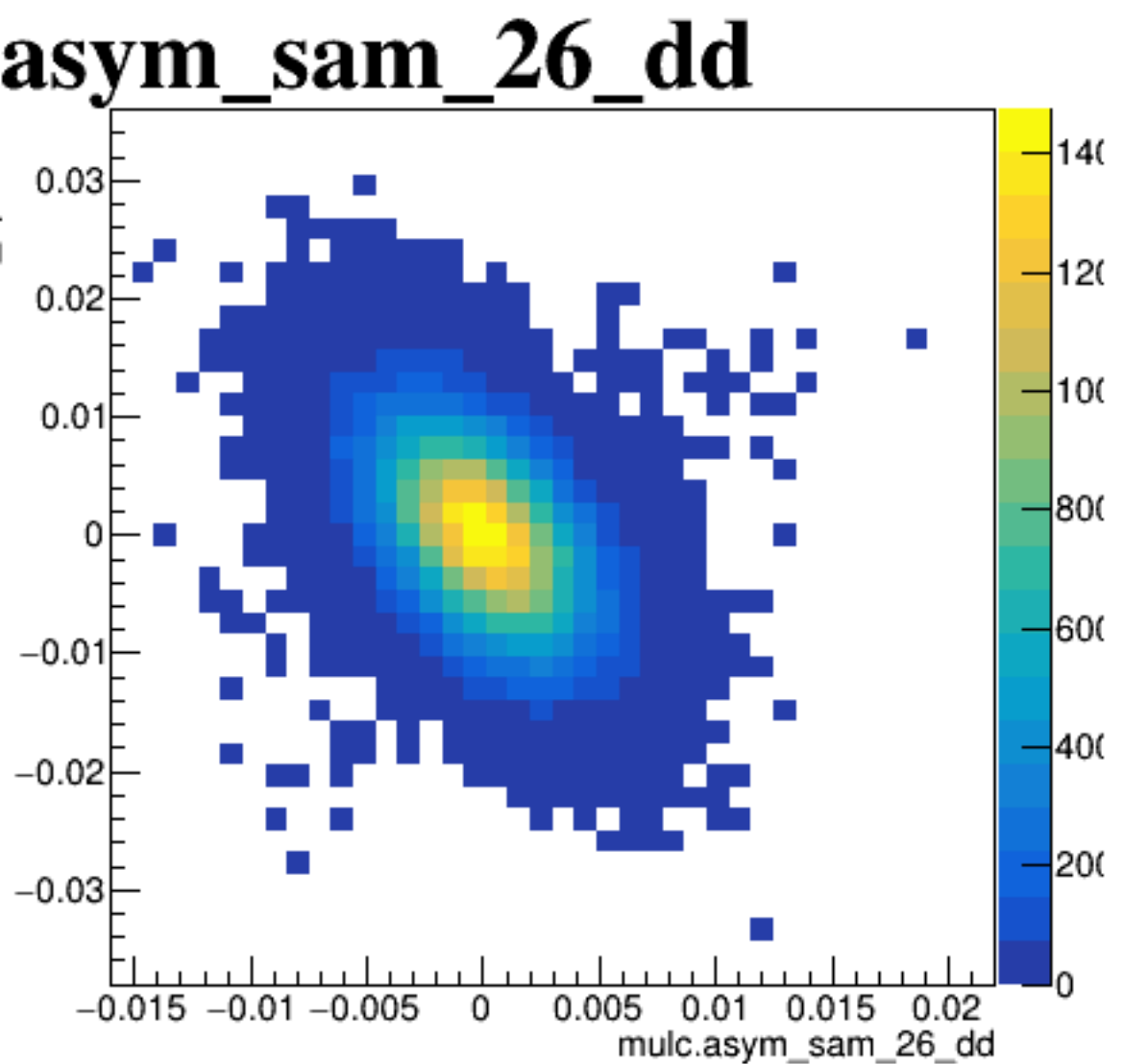
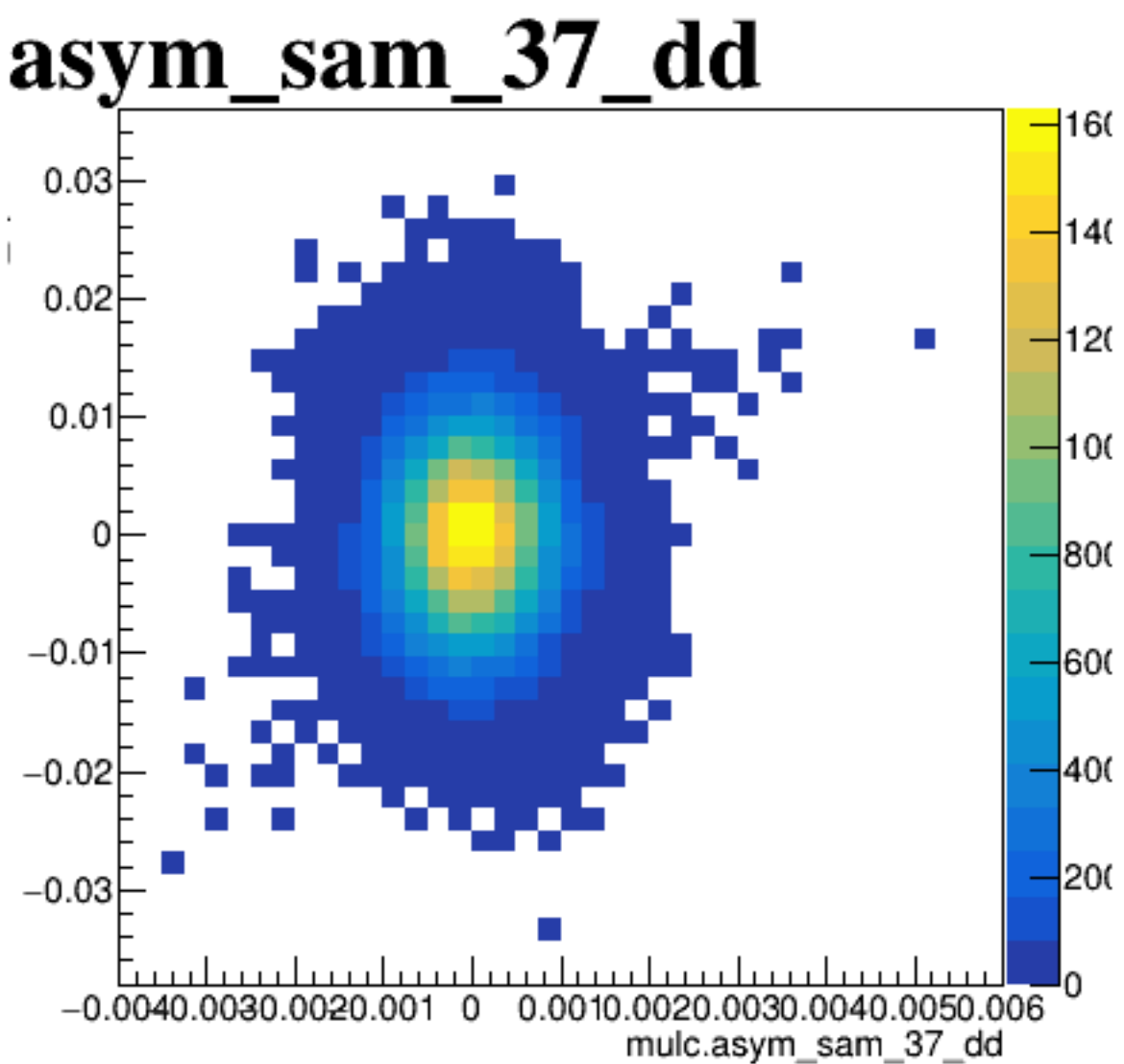
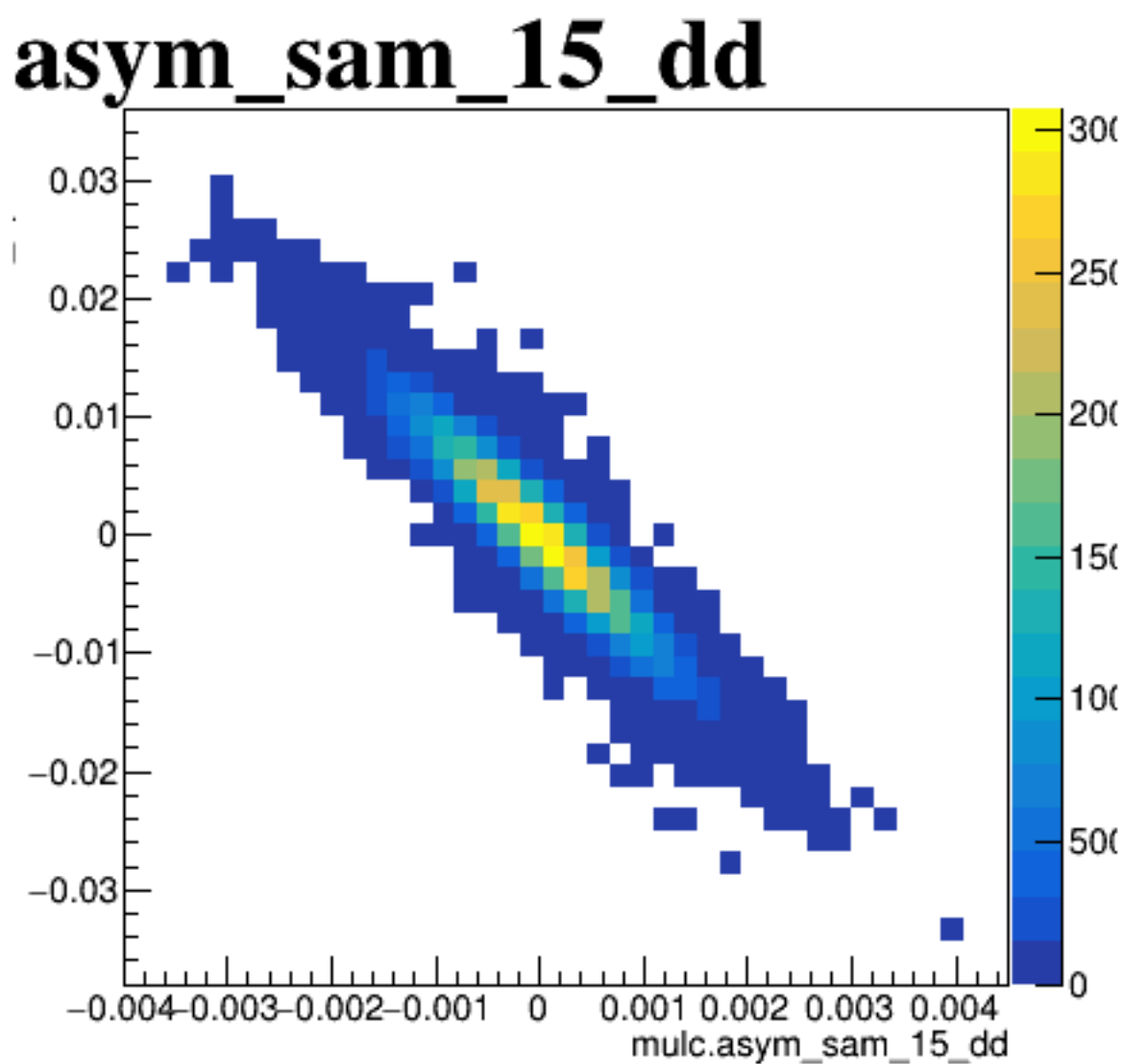
diff_bpm4aY



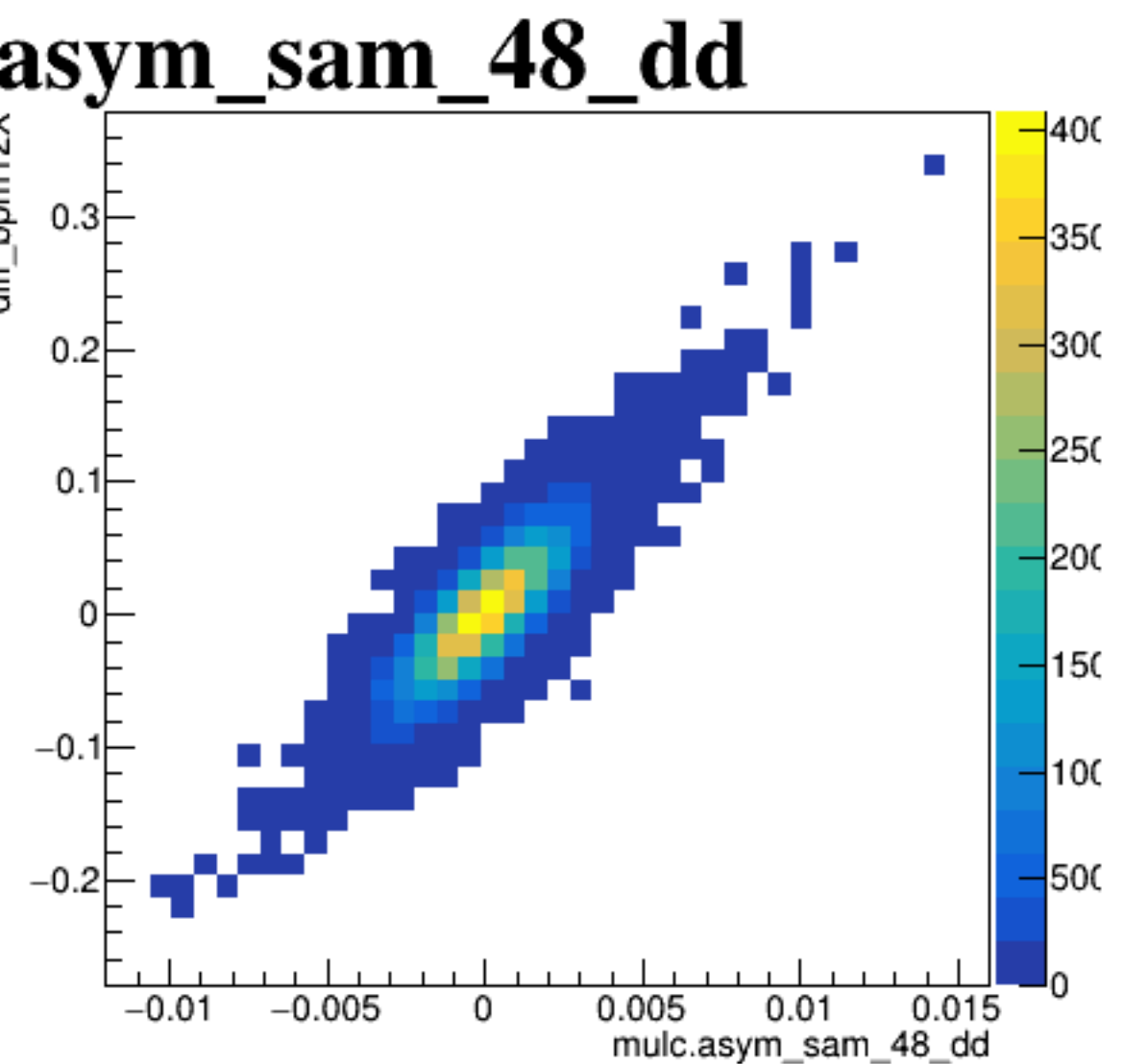
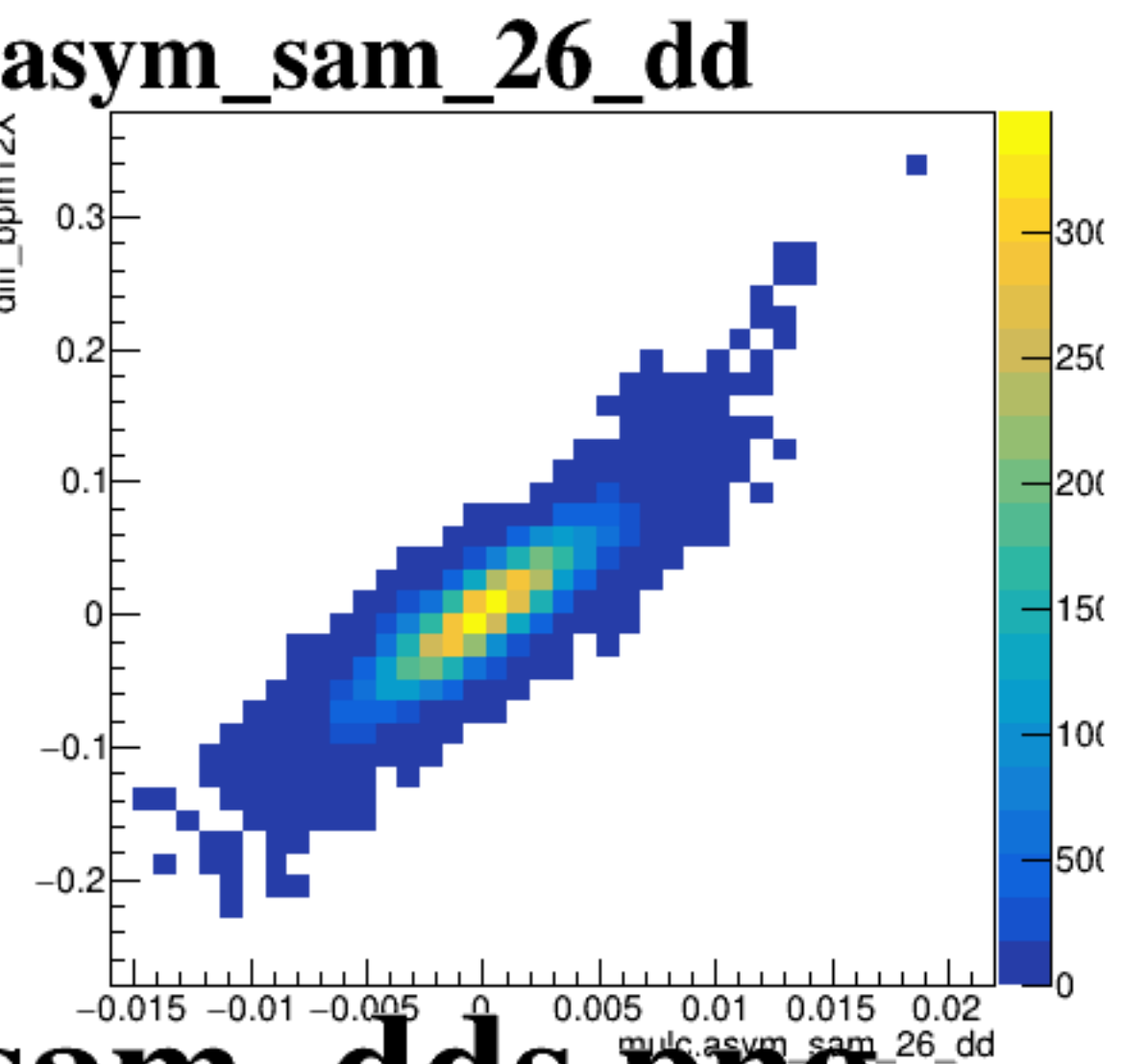
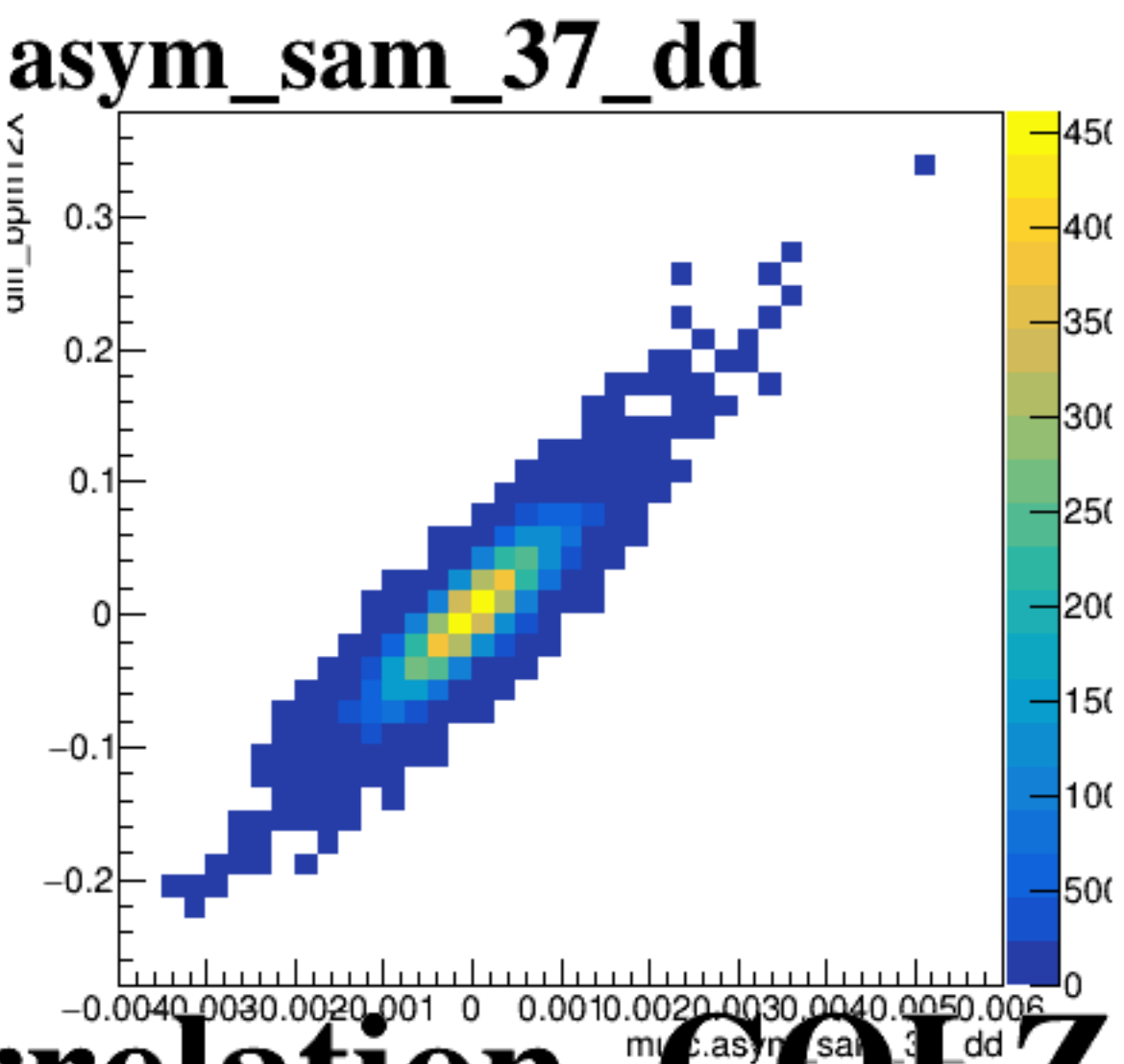
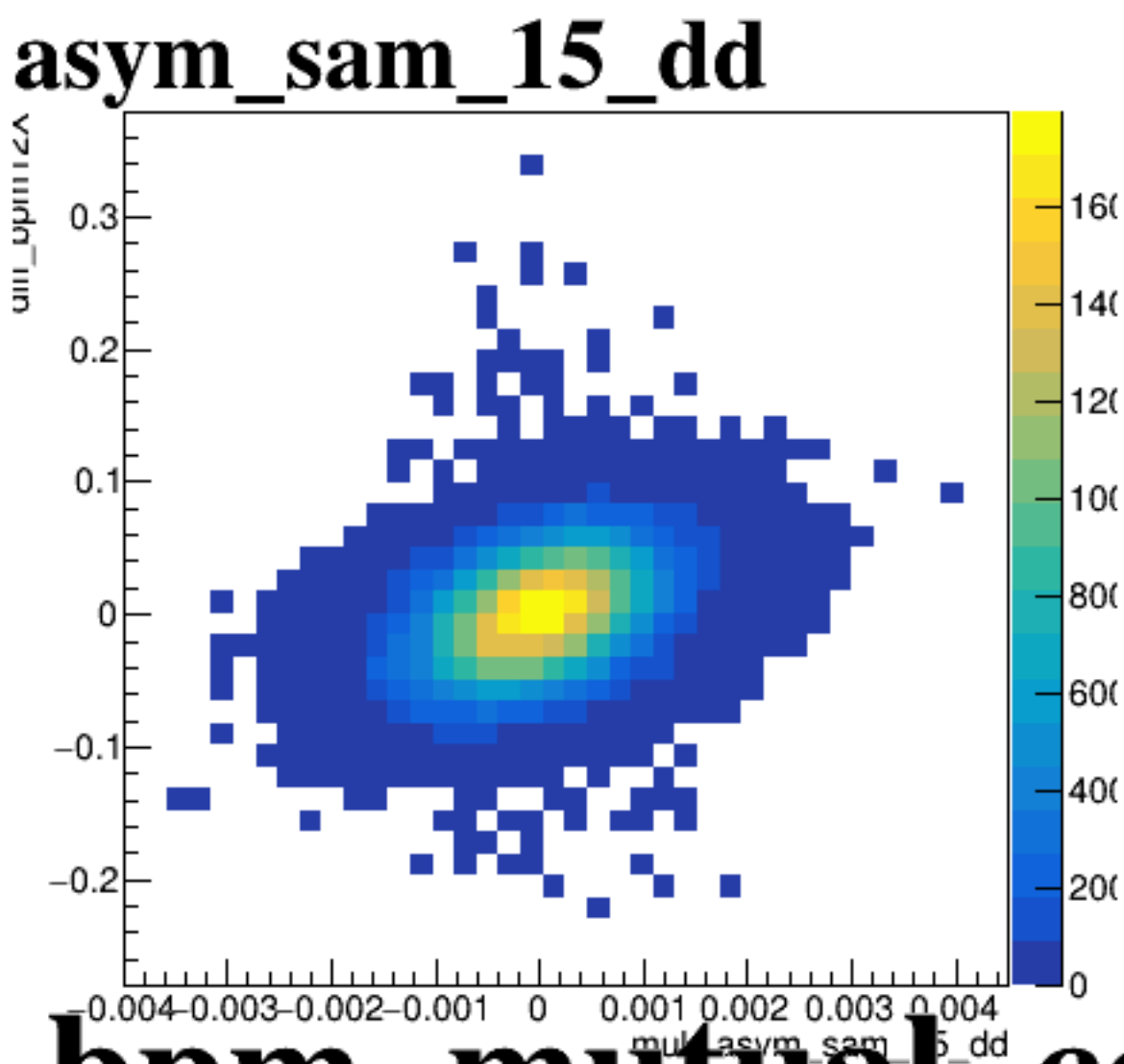
diff_bpm4eX



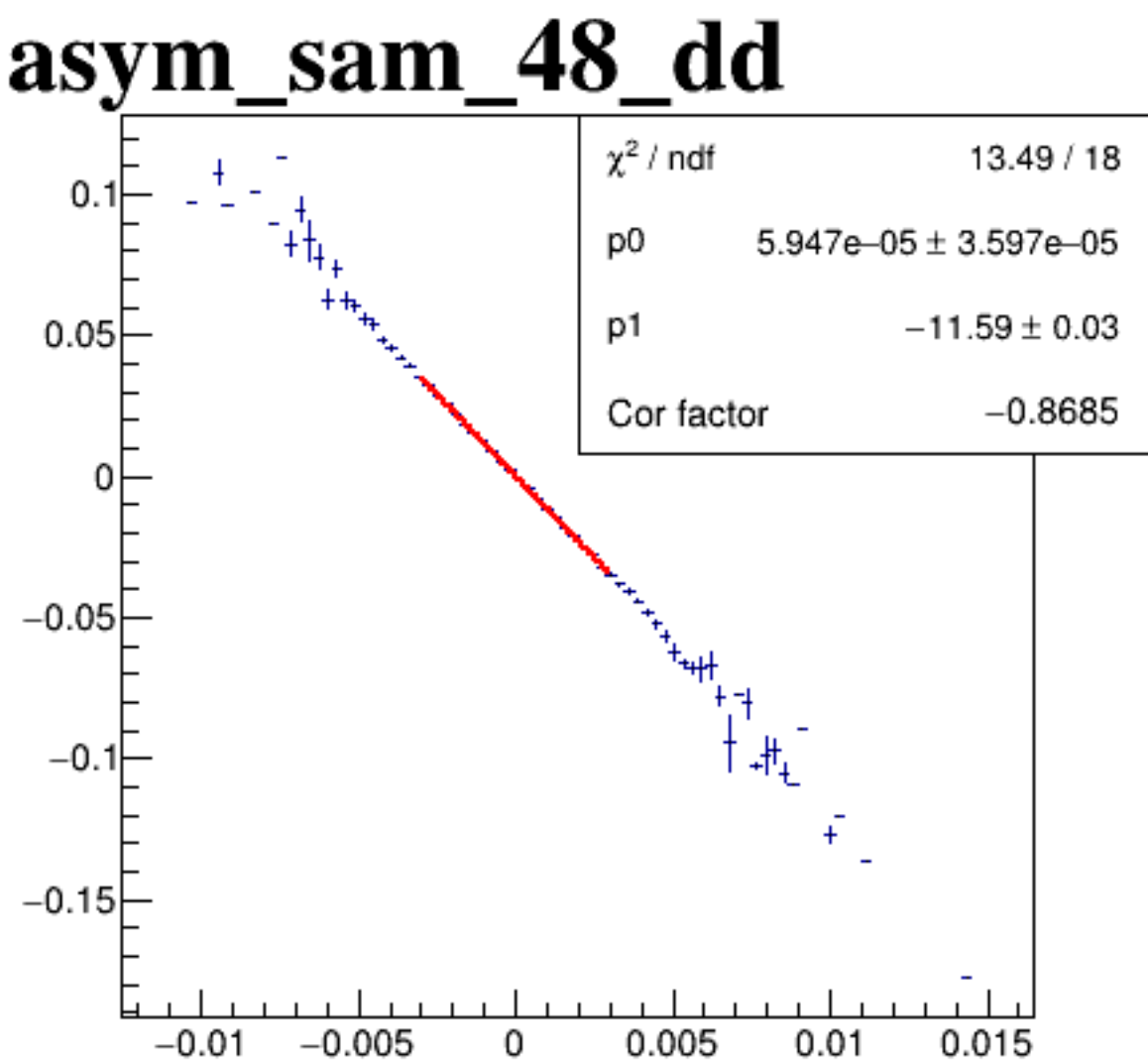
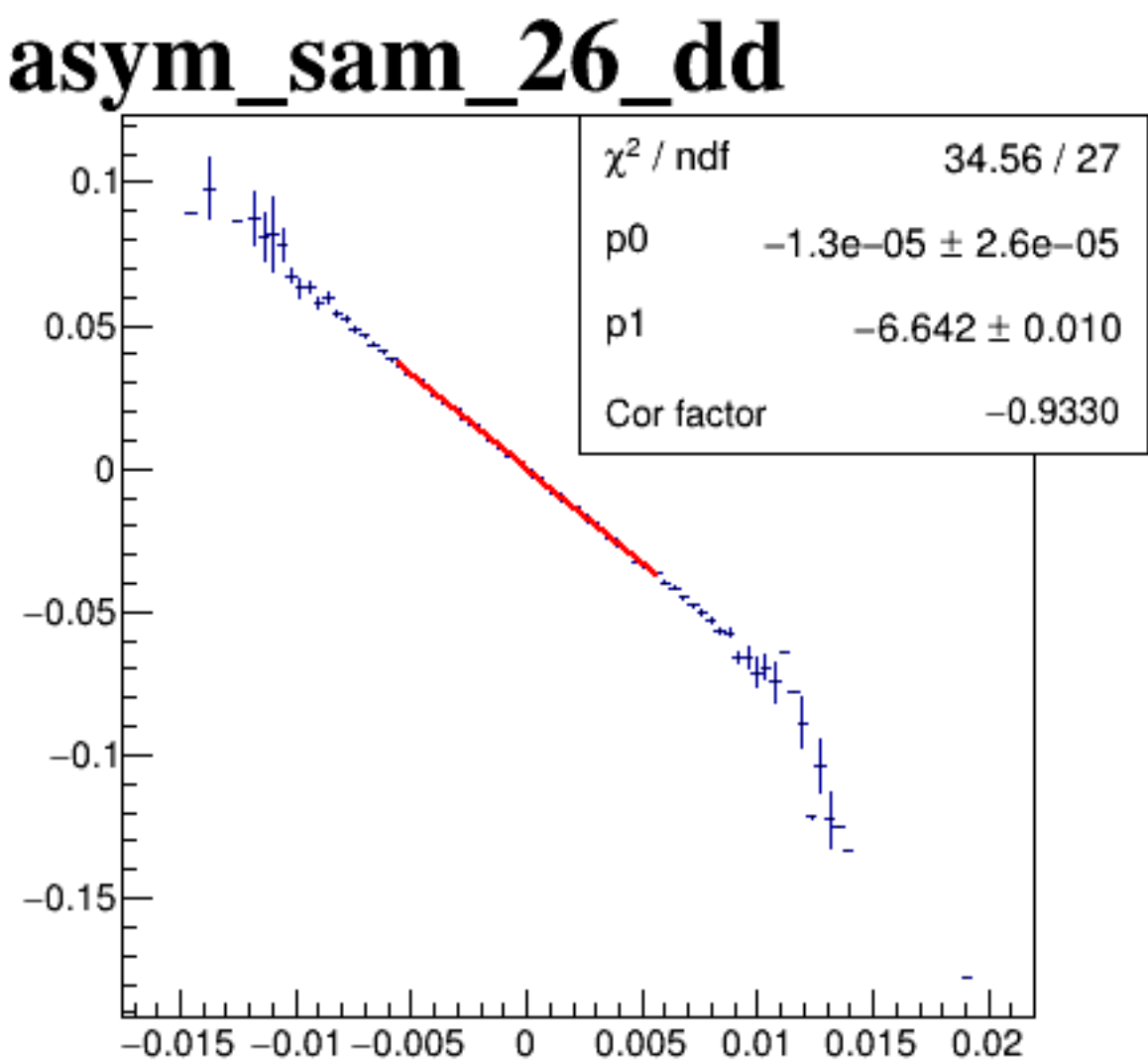
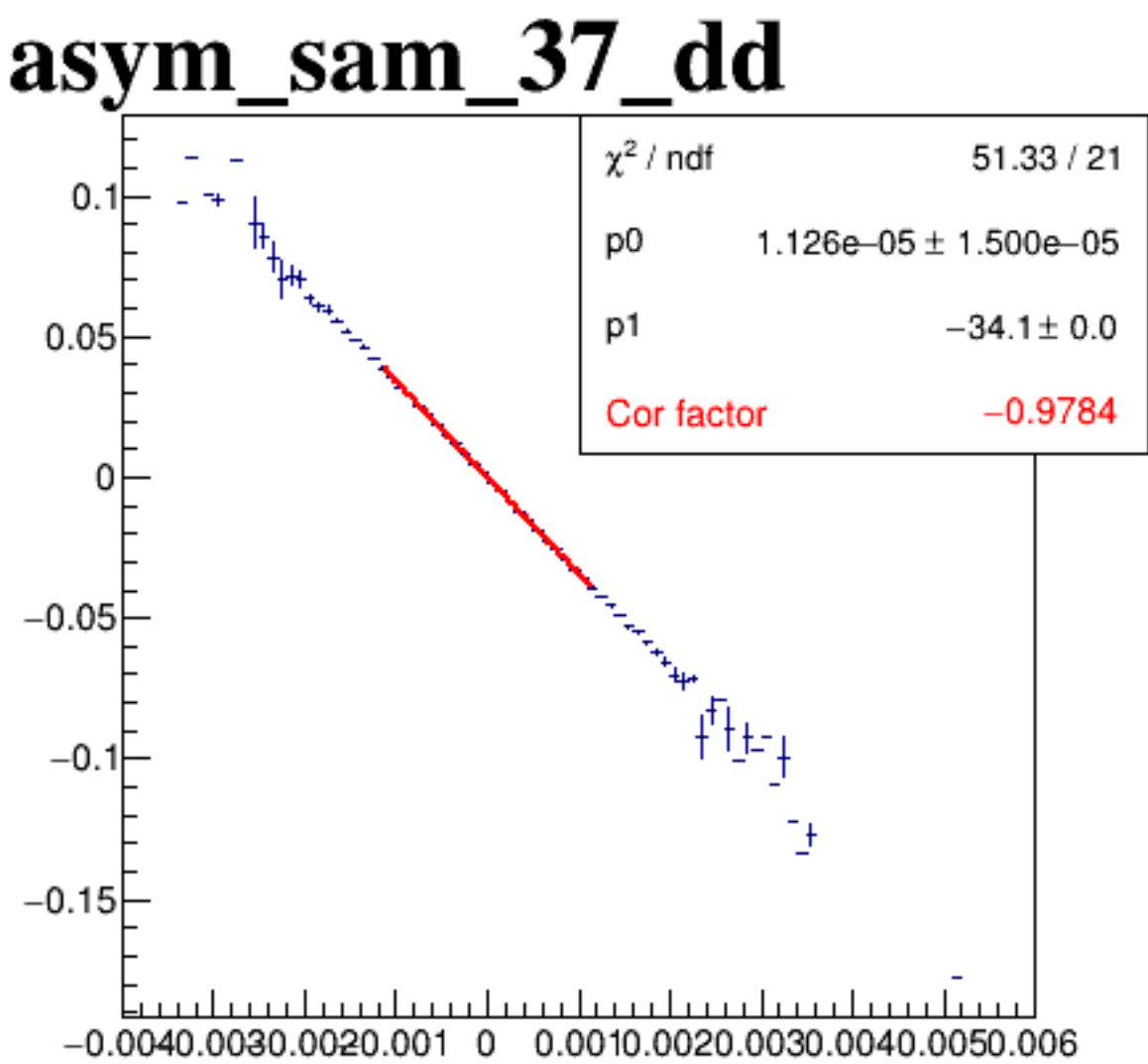
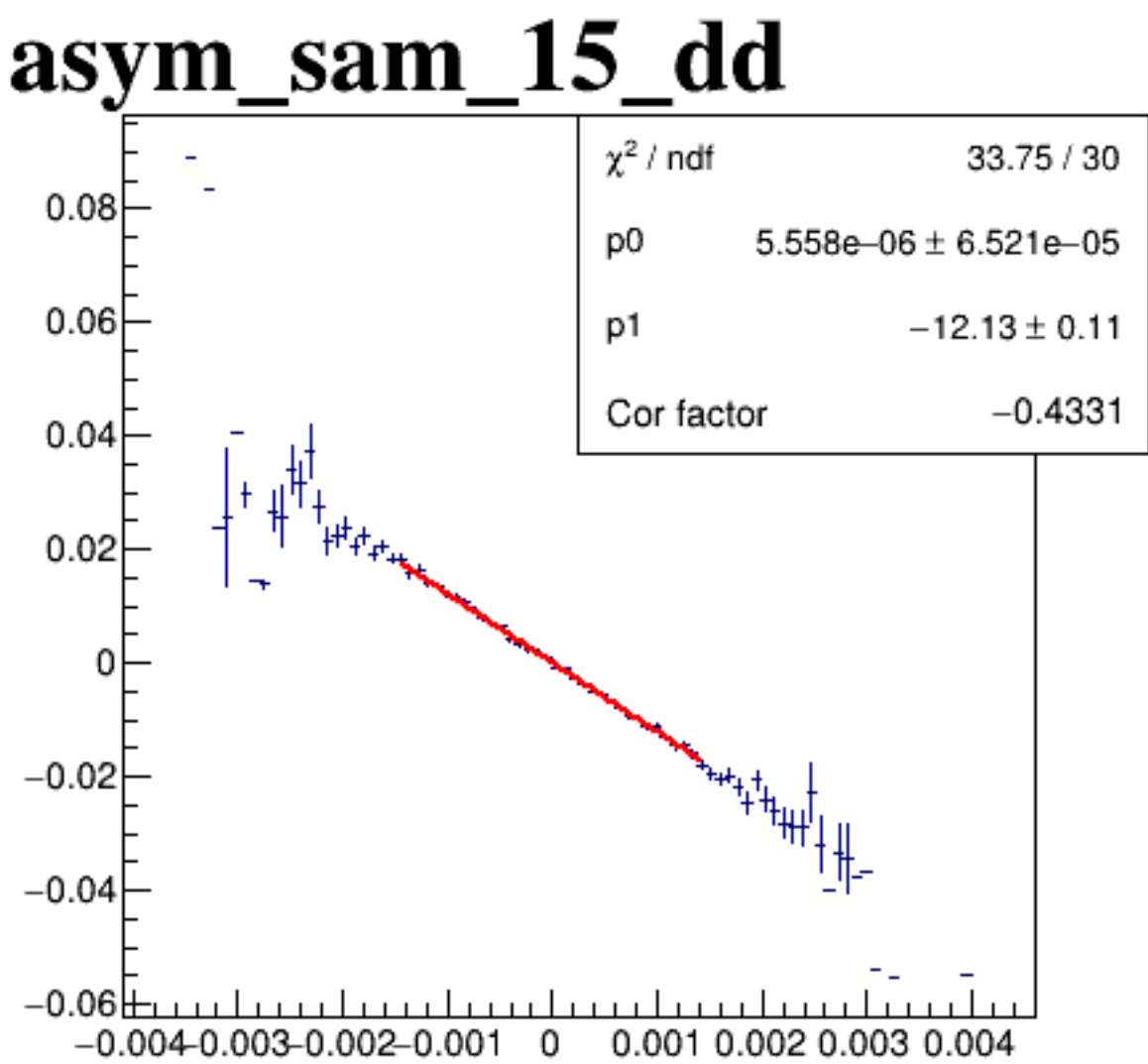
diff_bpm4eY



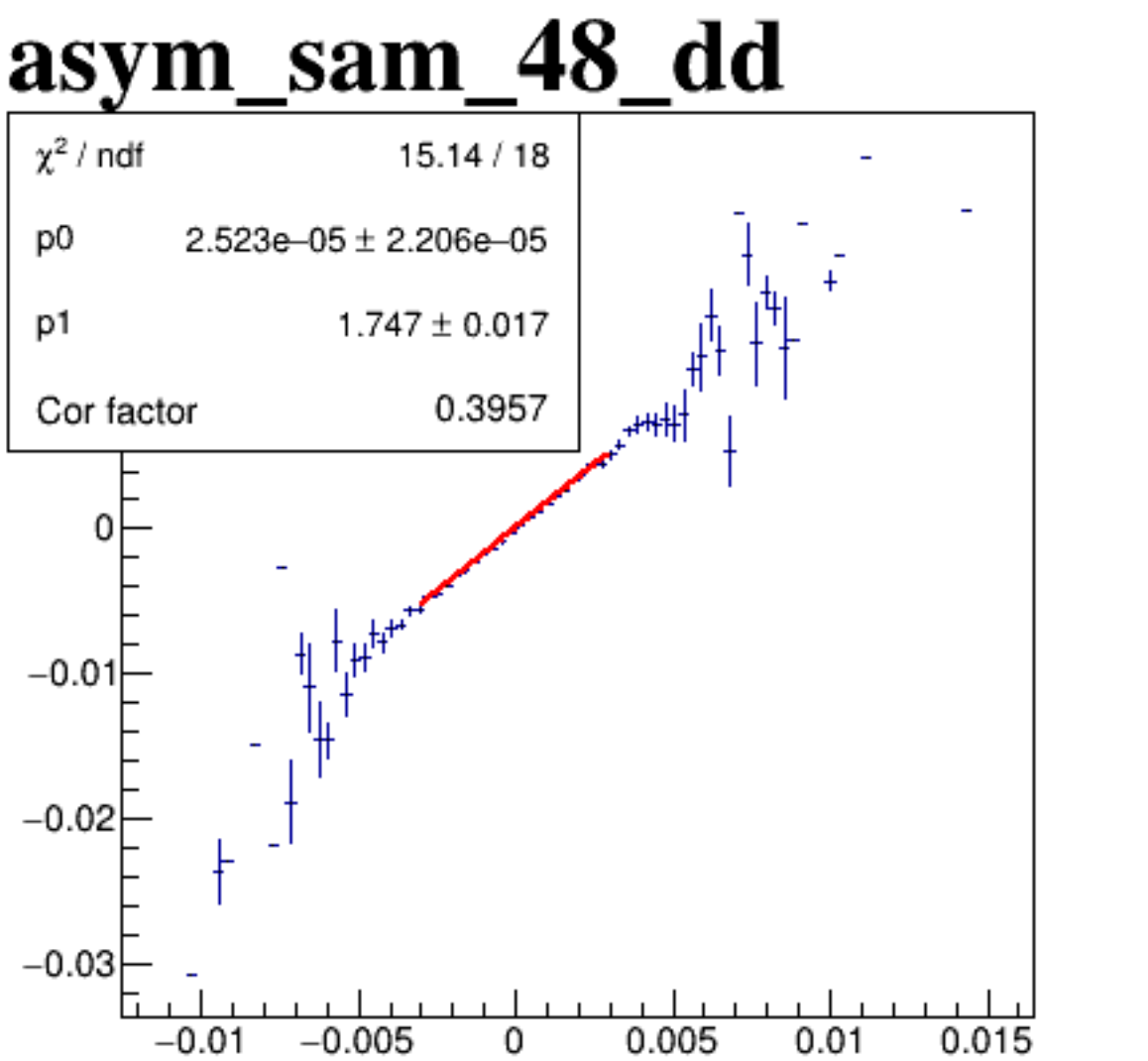
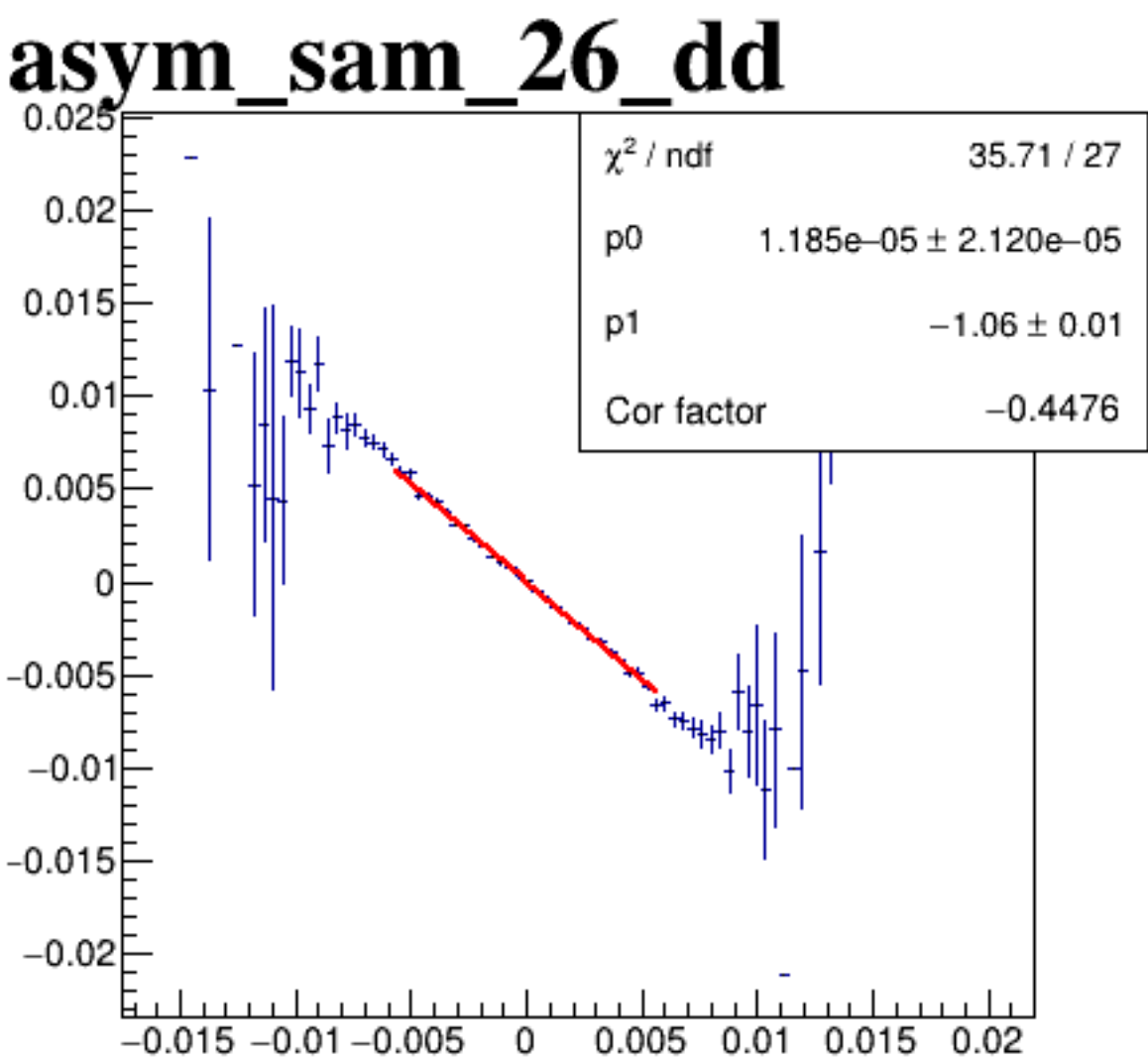
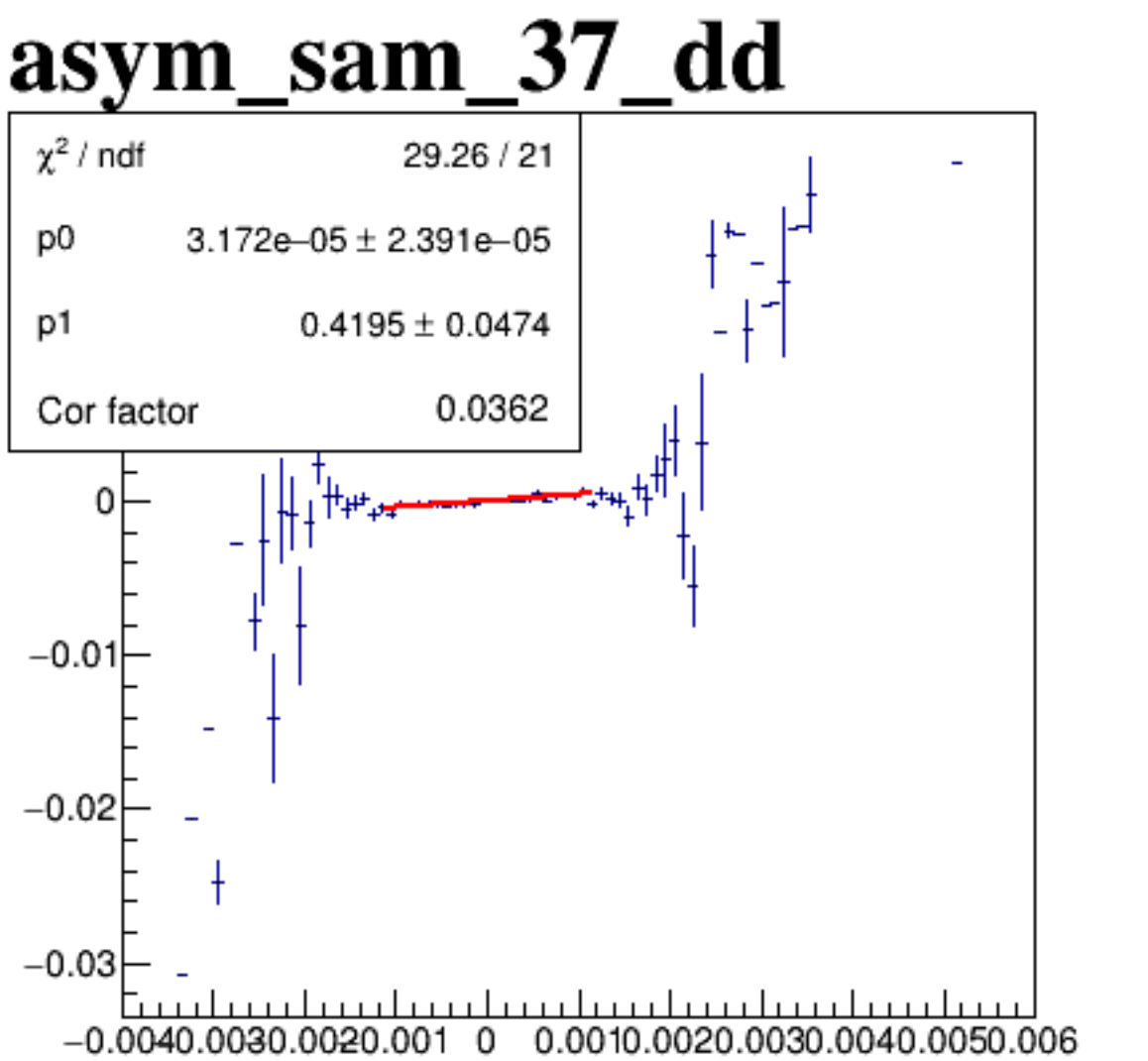
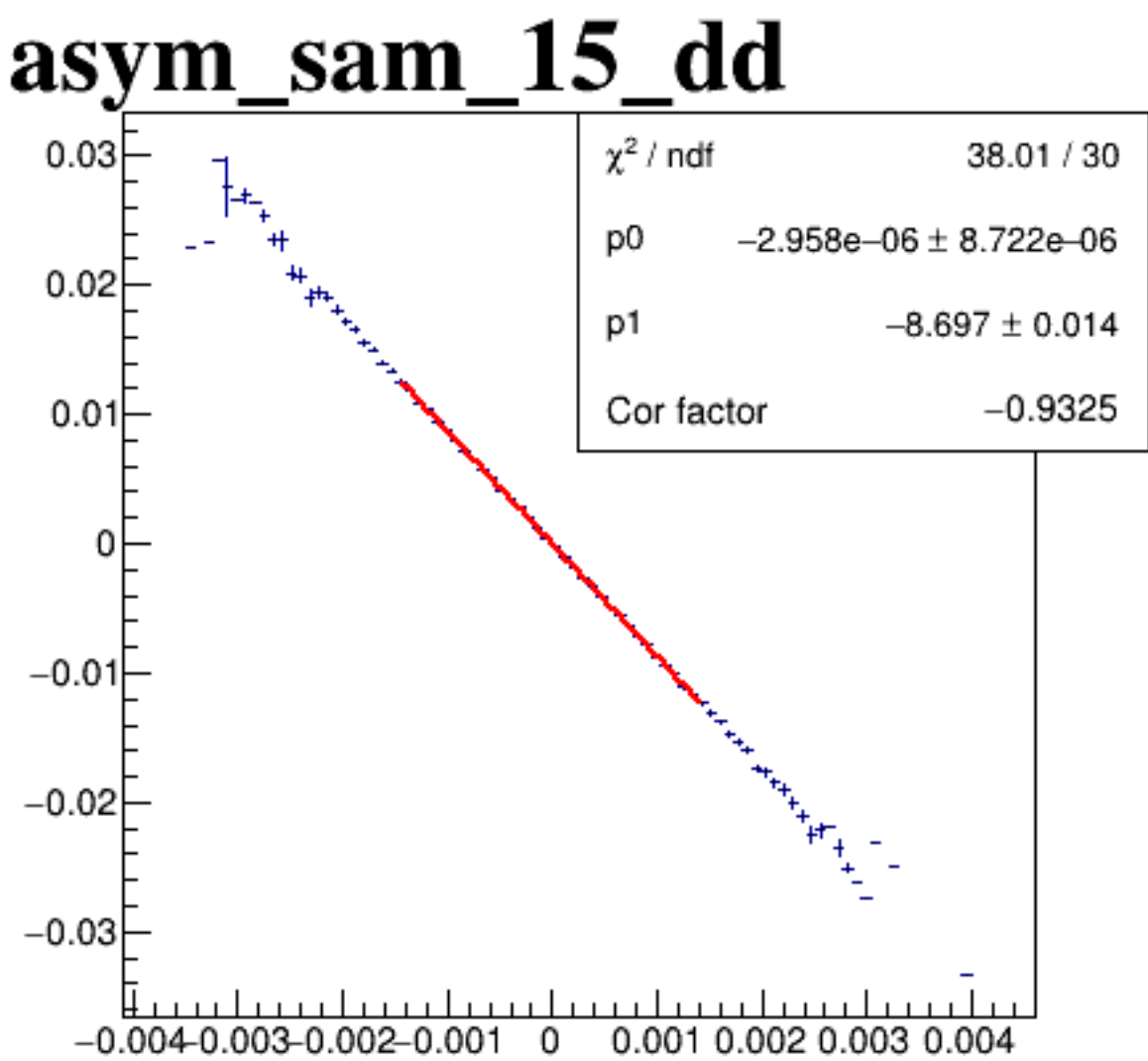
diff_bpm12X



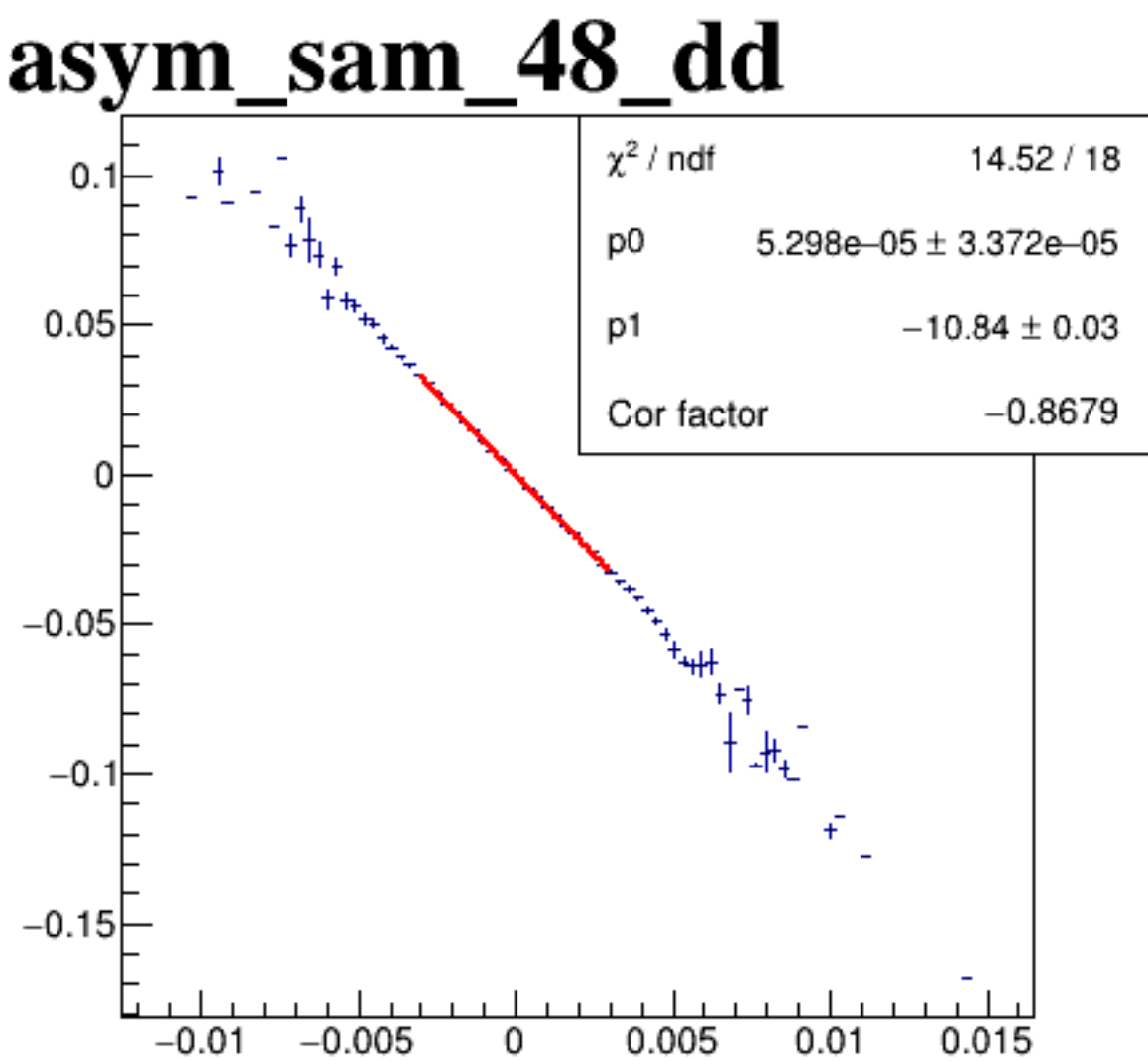
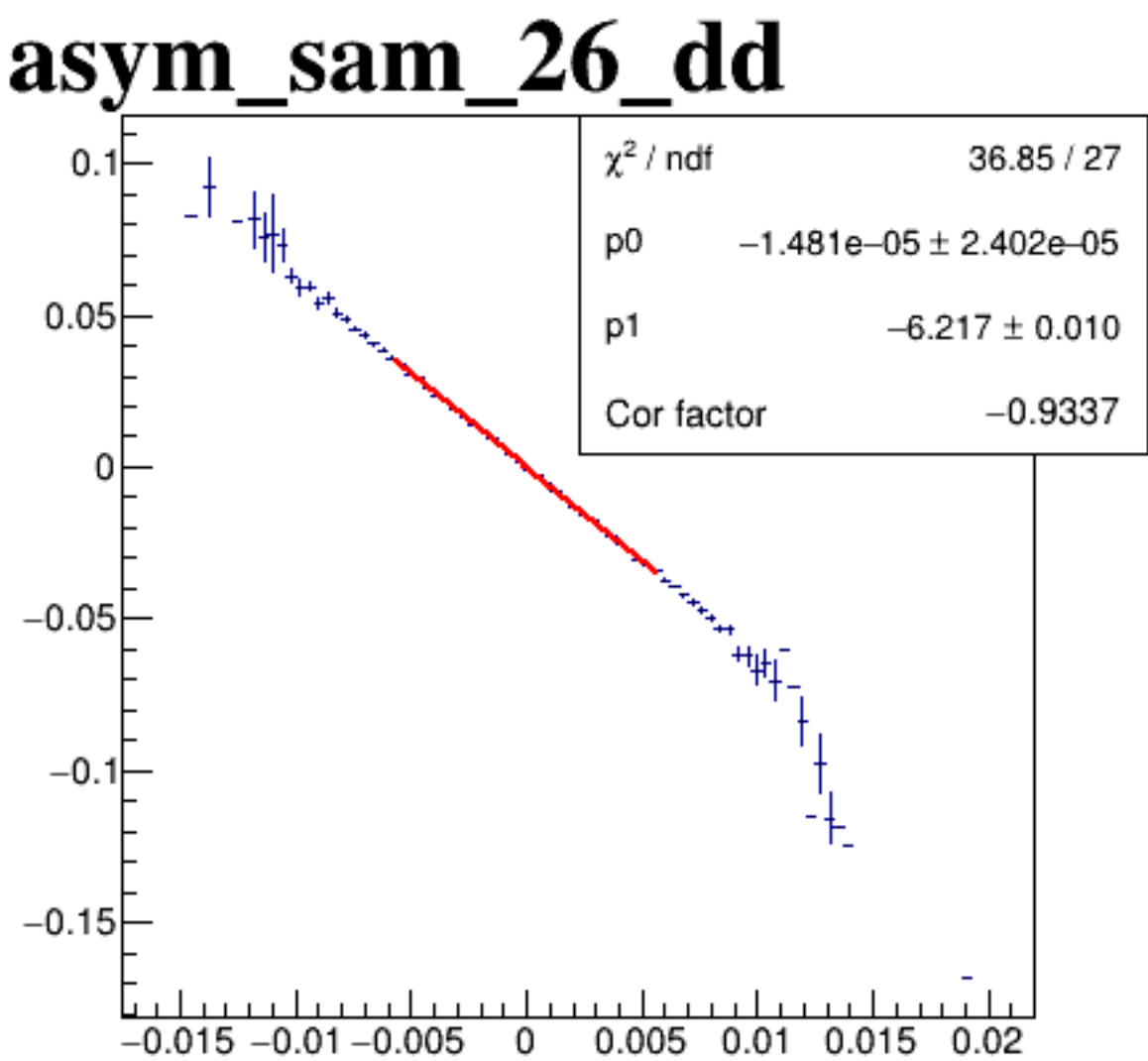
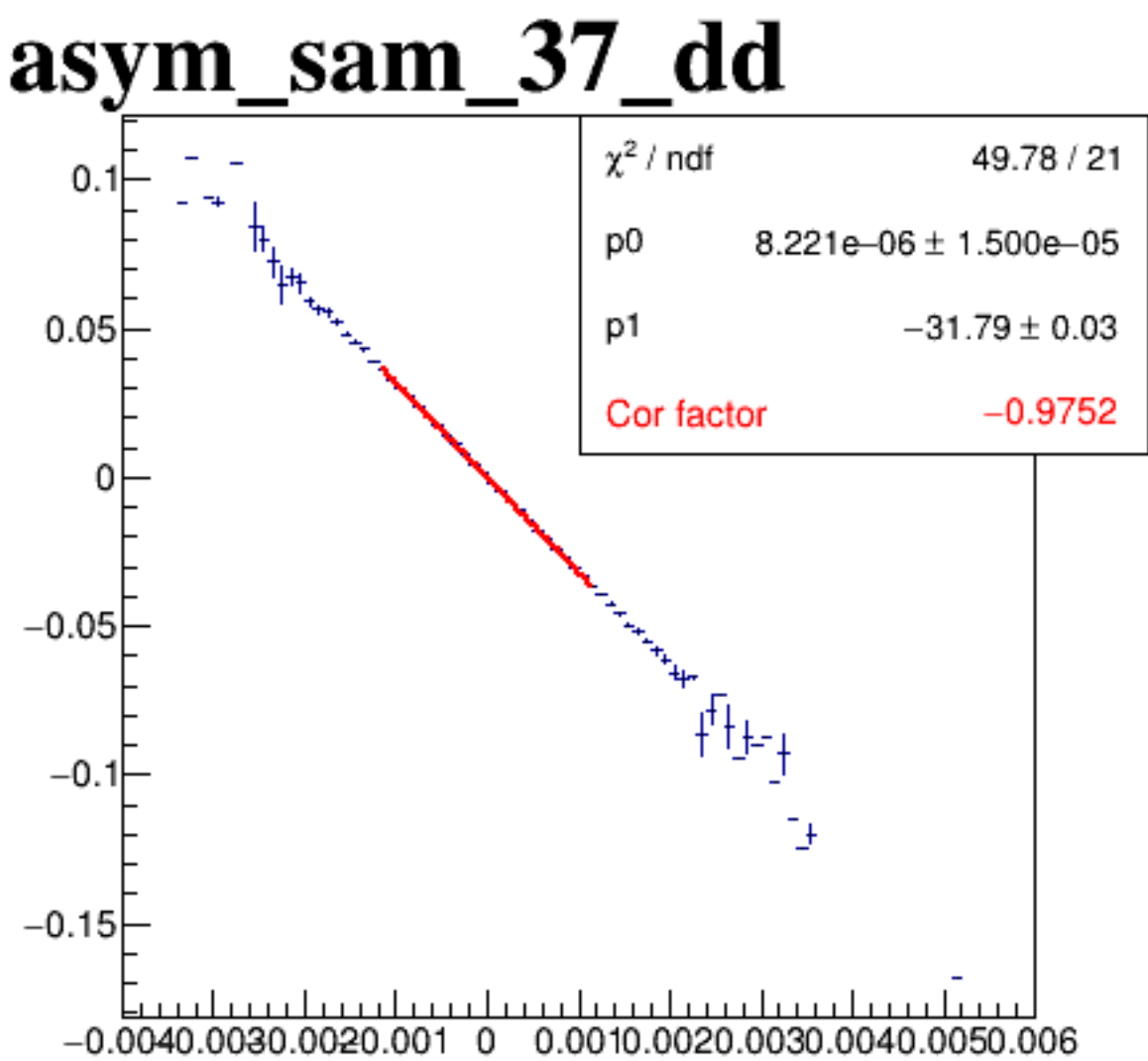
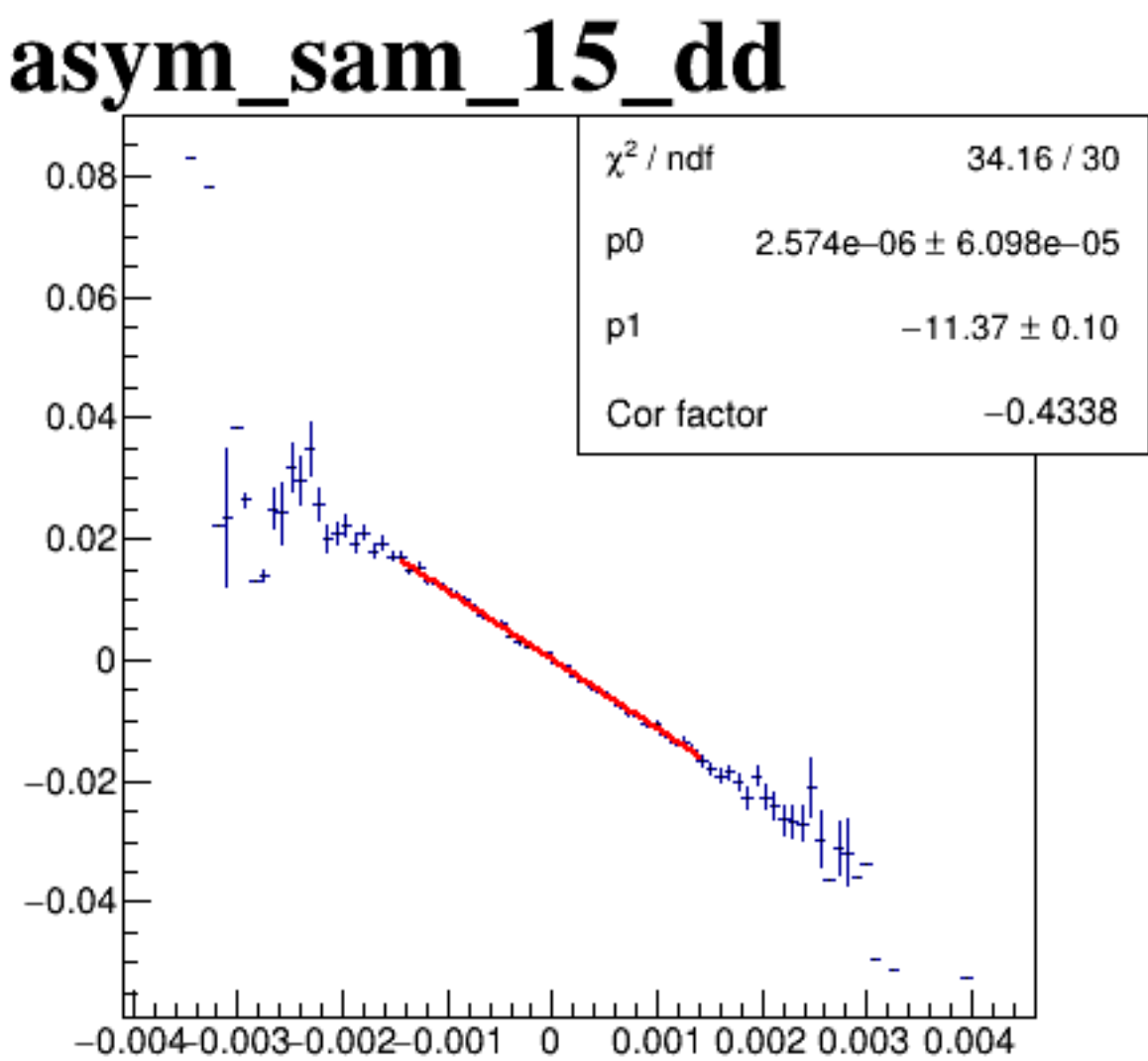
diff_bpm4aX



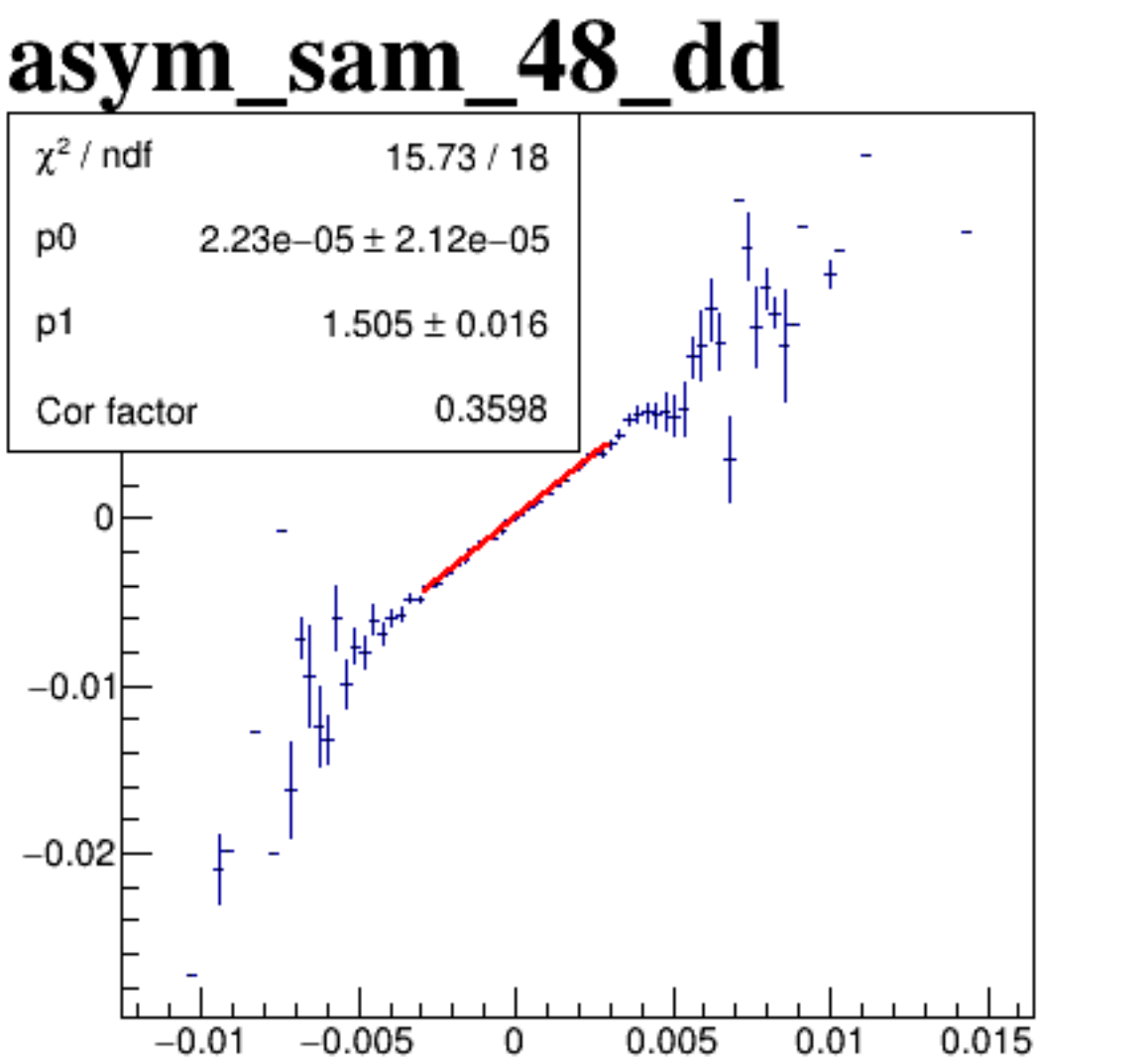
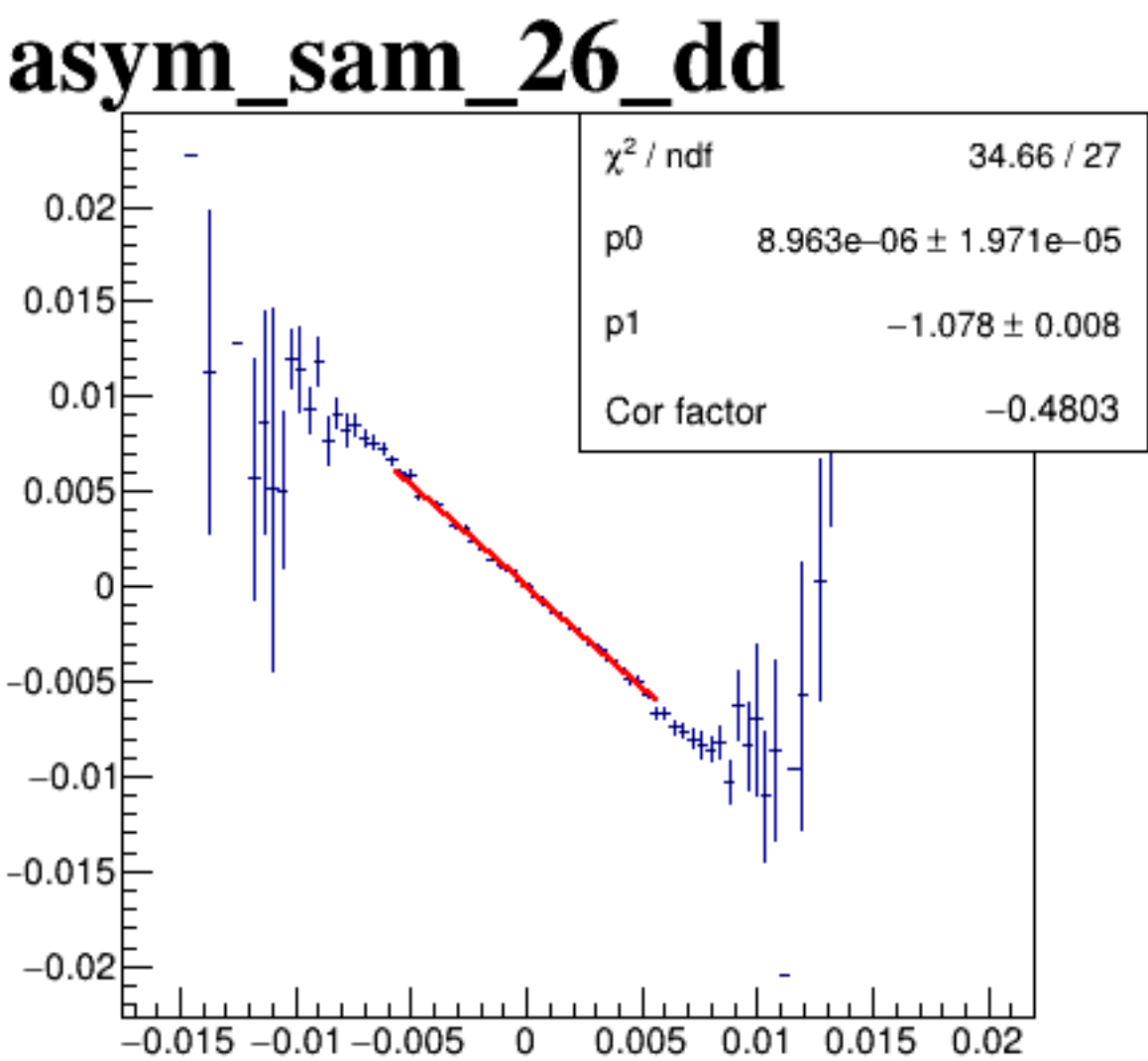
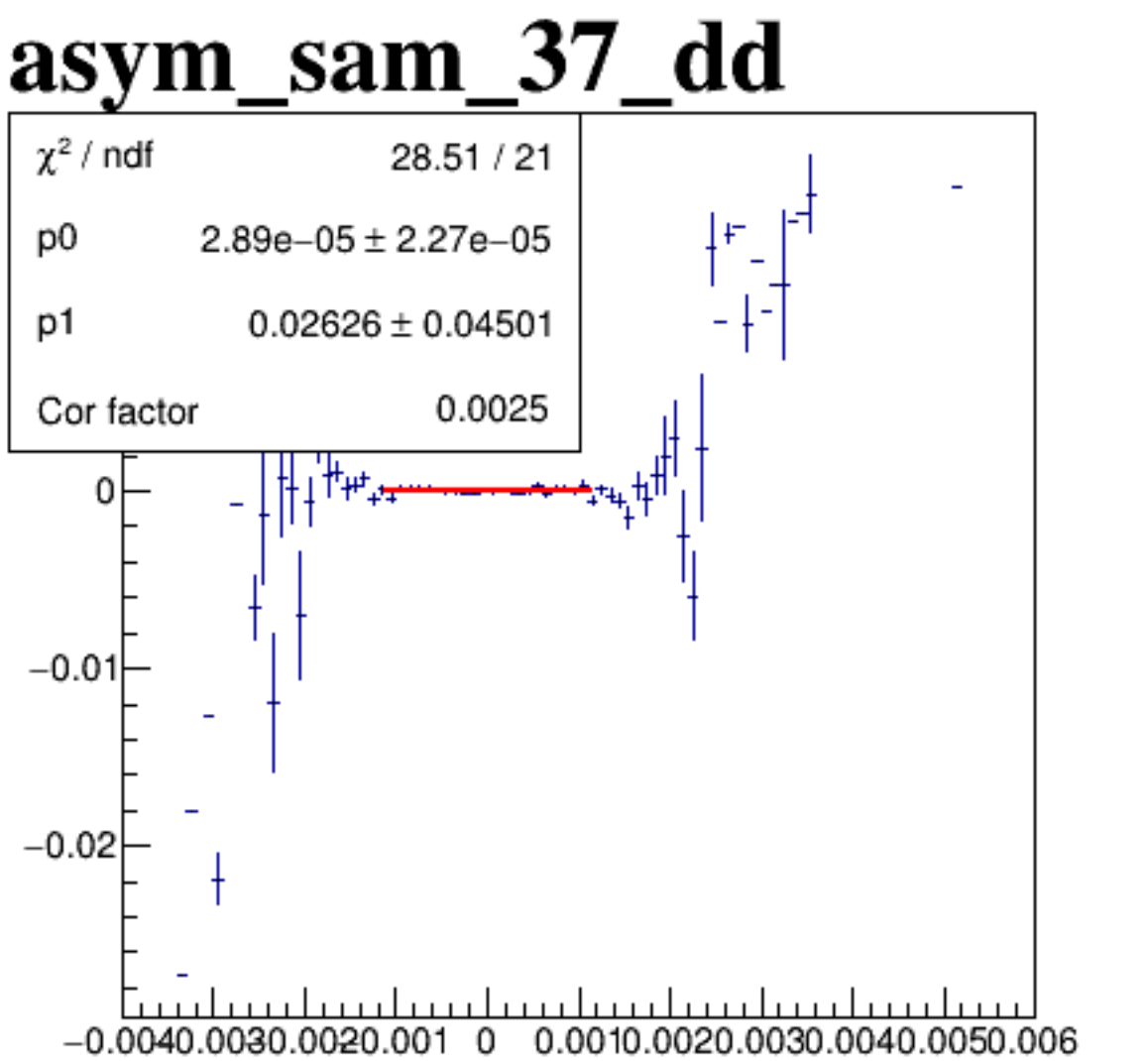
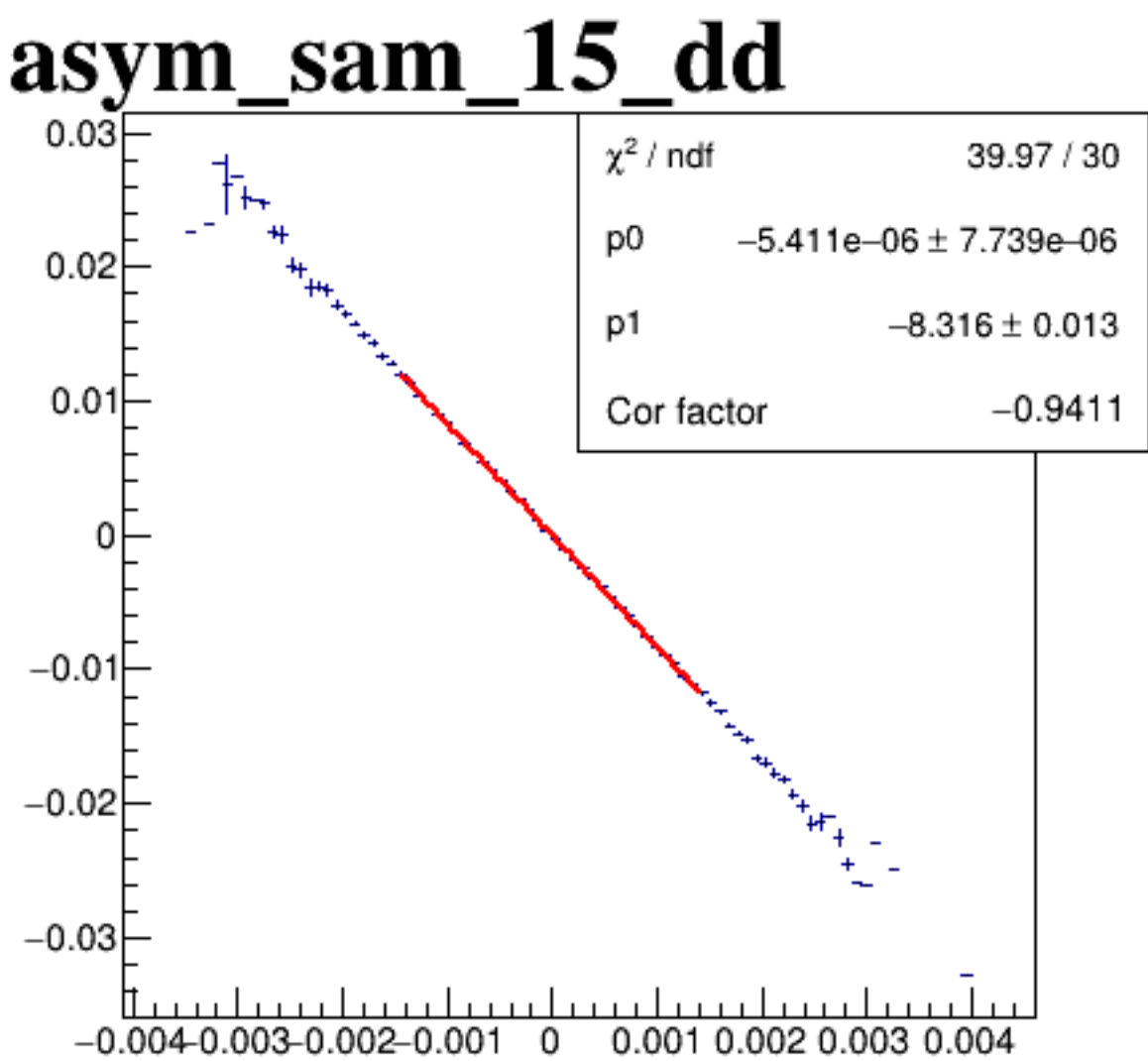
diff_bpm4aY



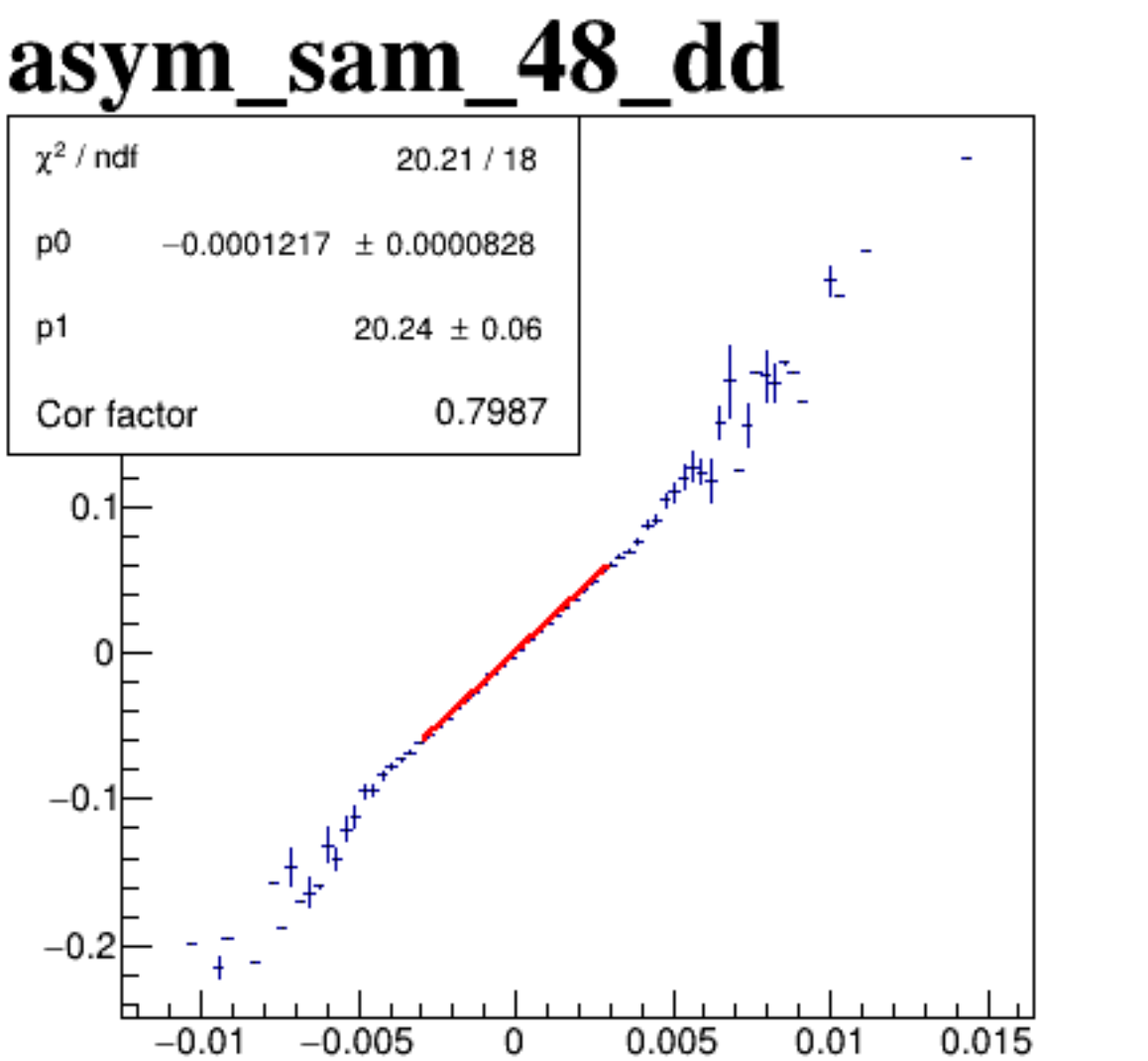
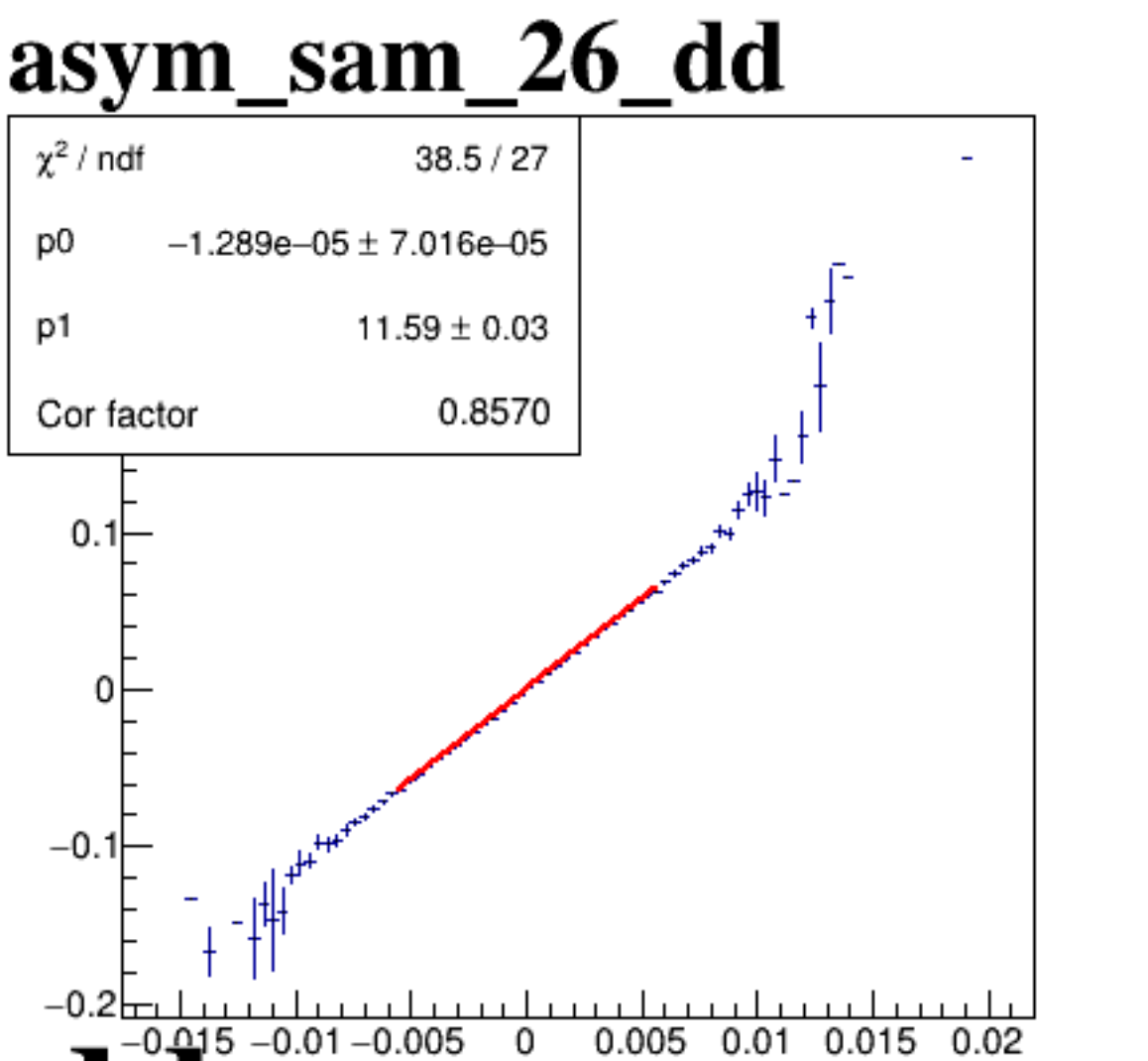
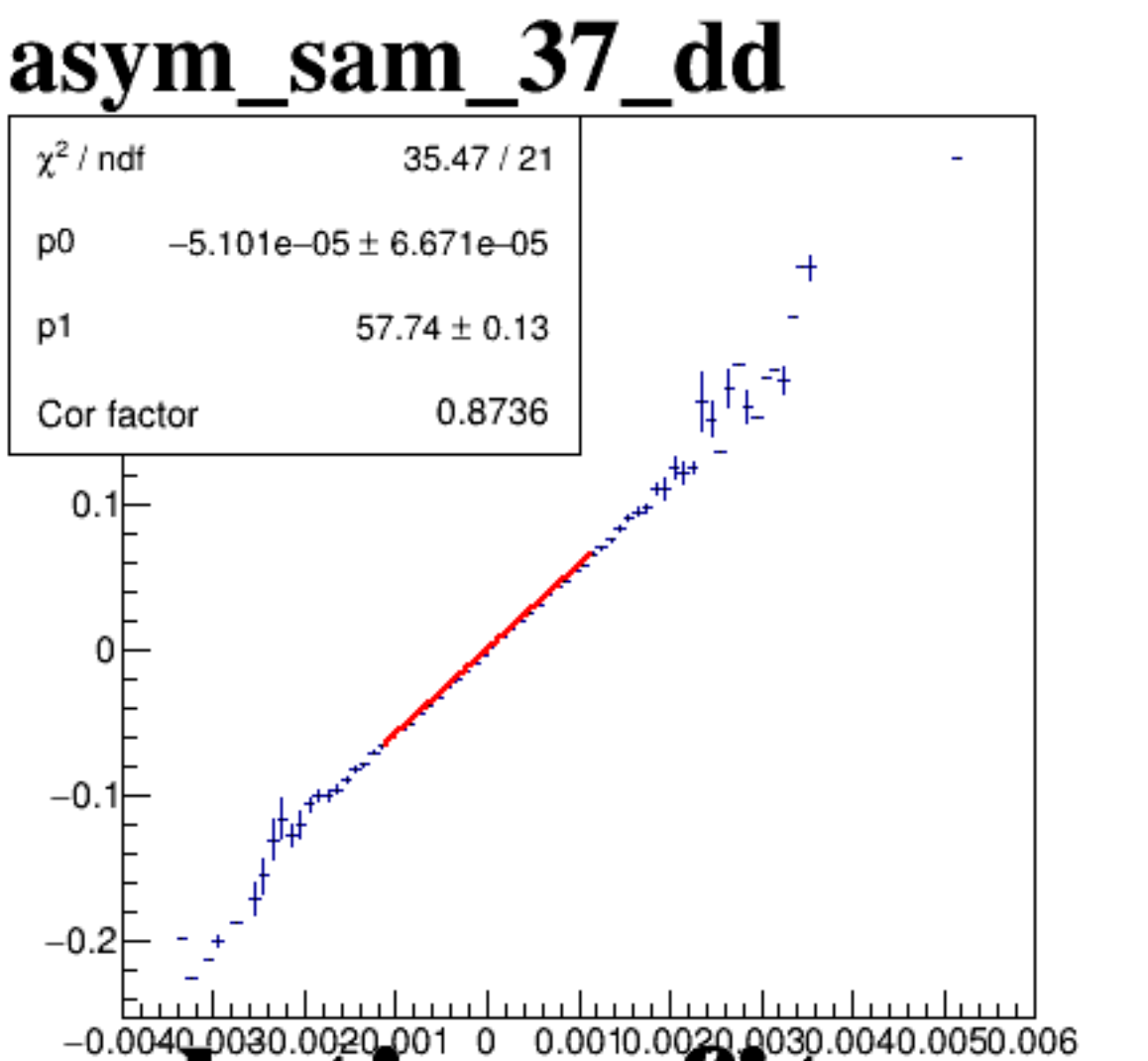
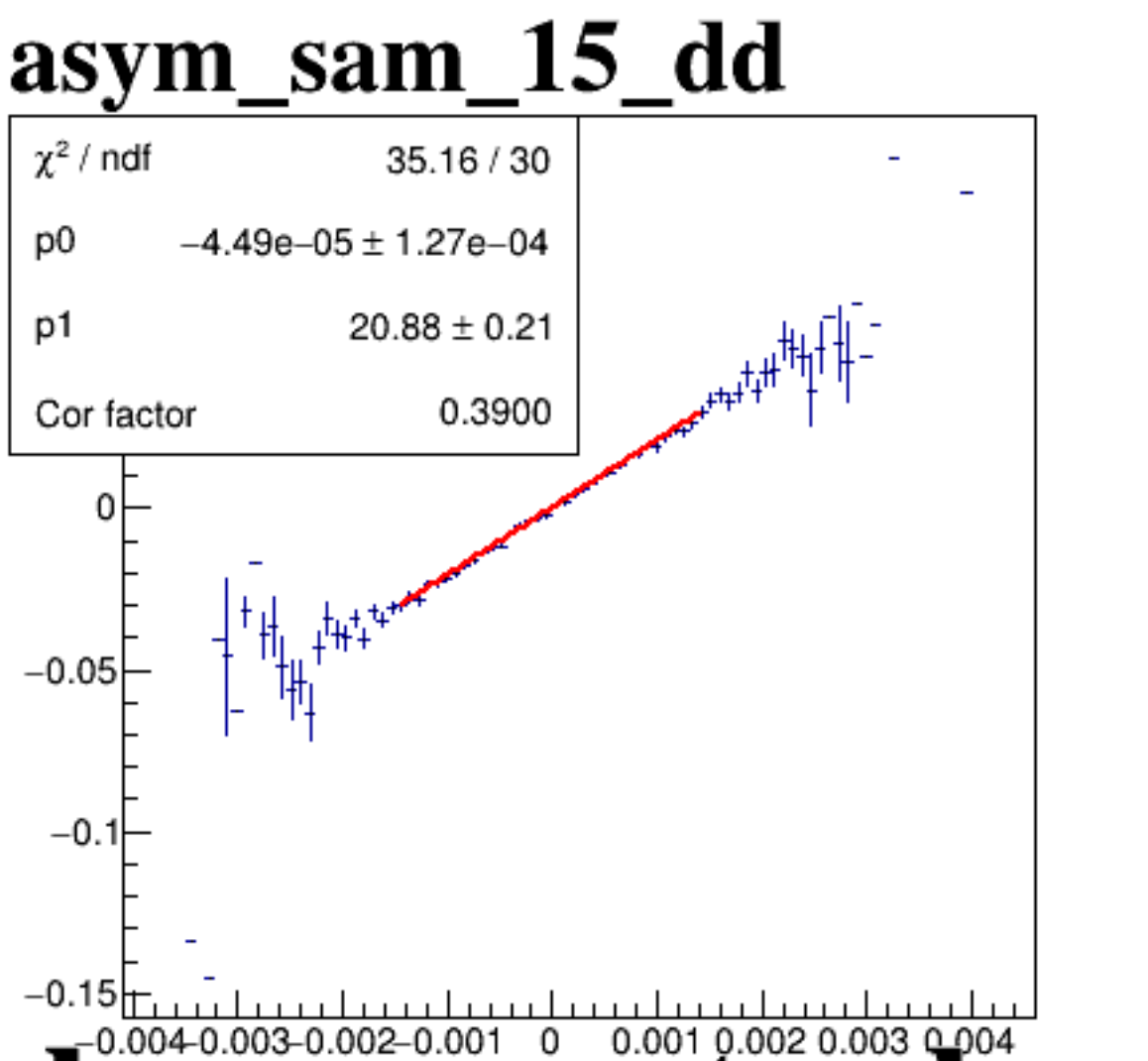
diff_bpm4eX



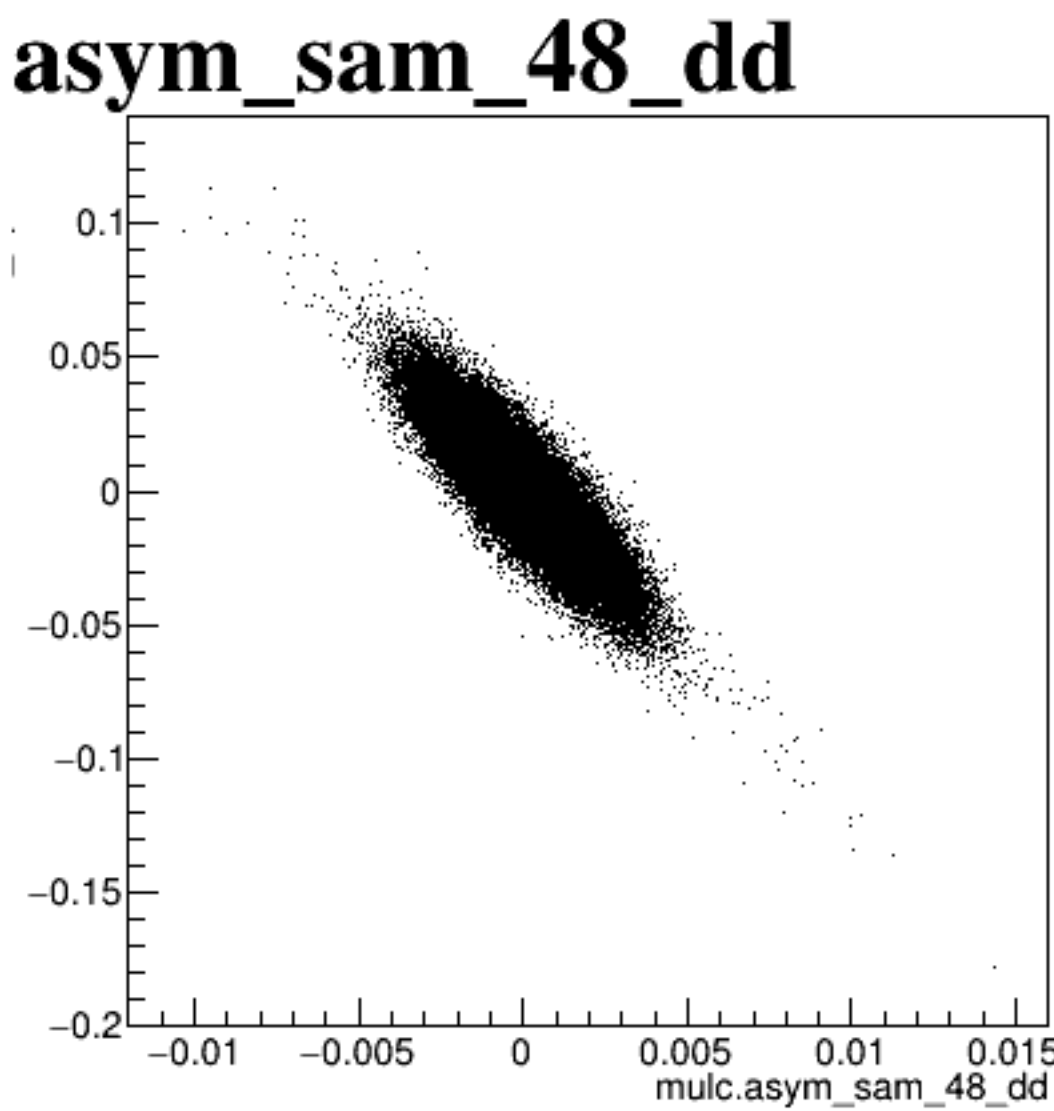
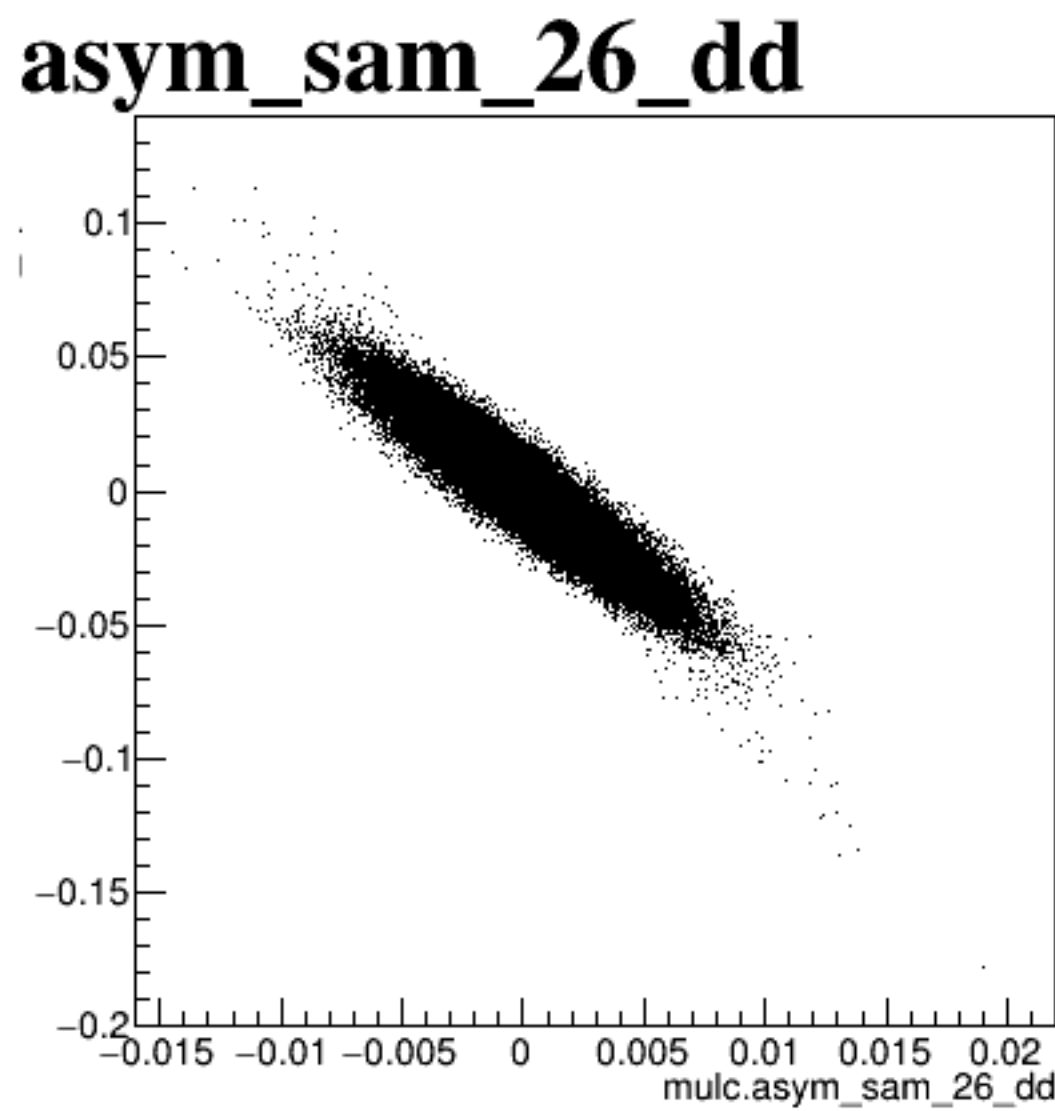
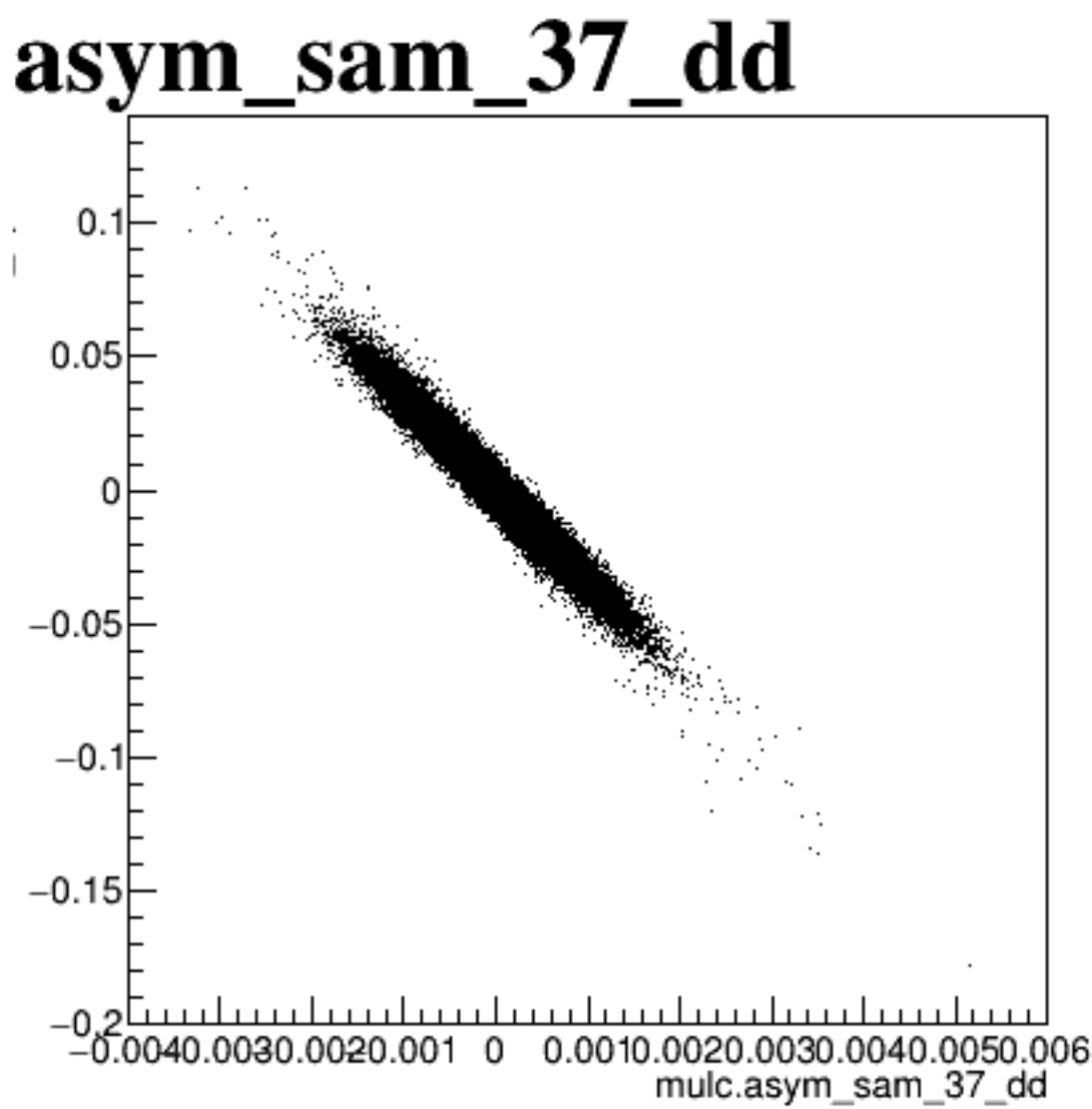
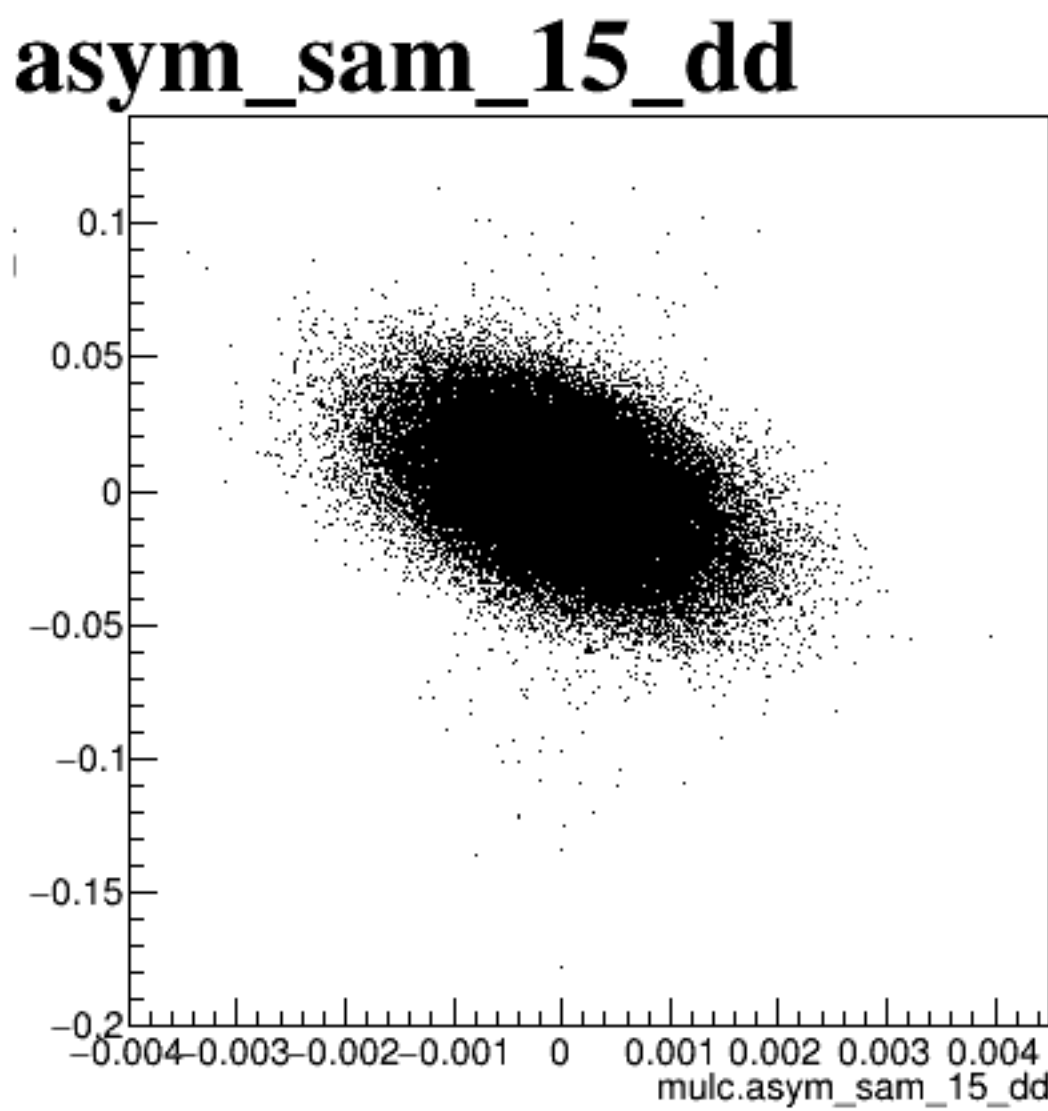
diff_bpm4eY



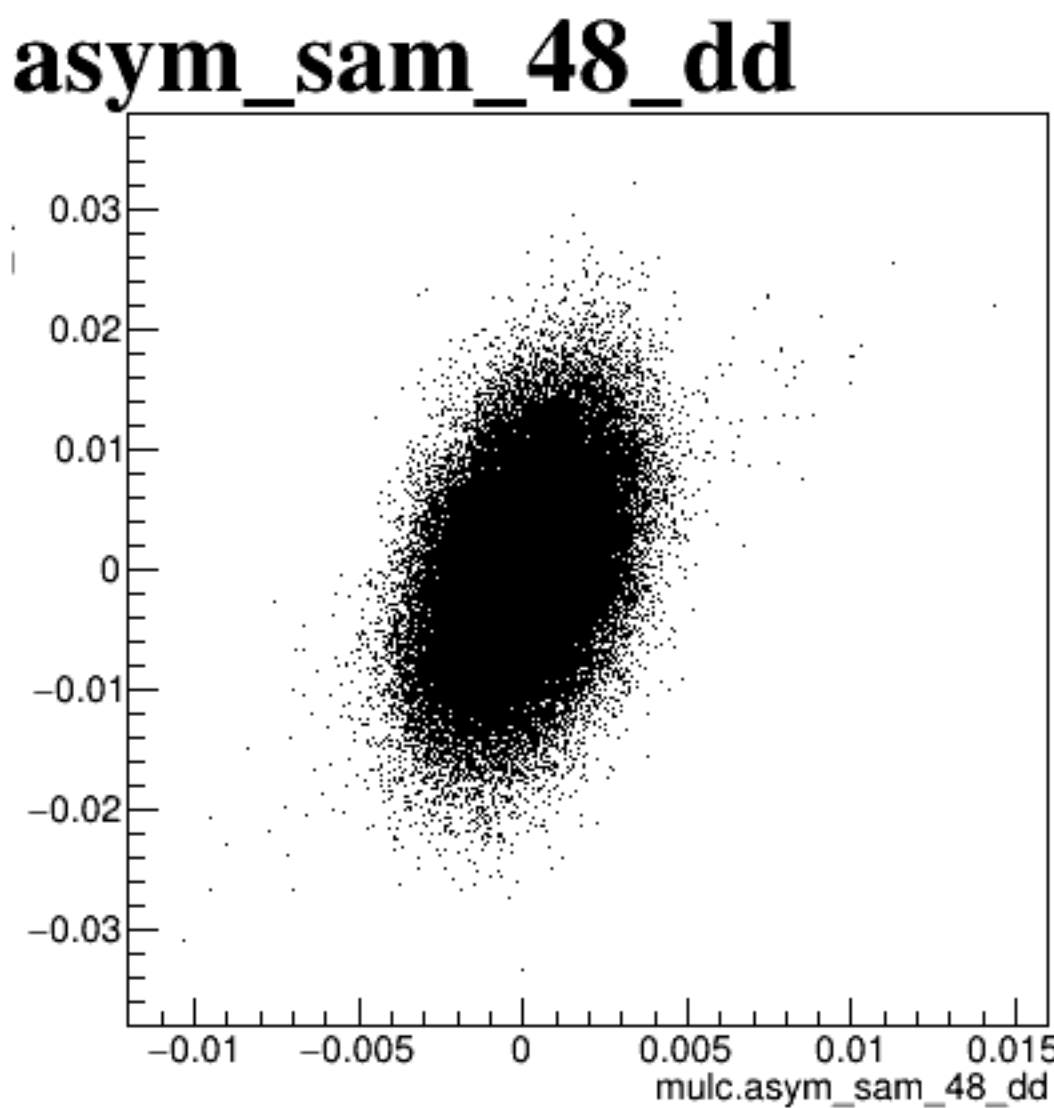
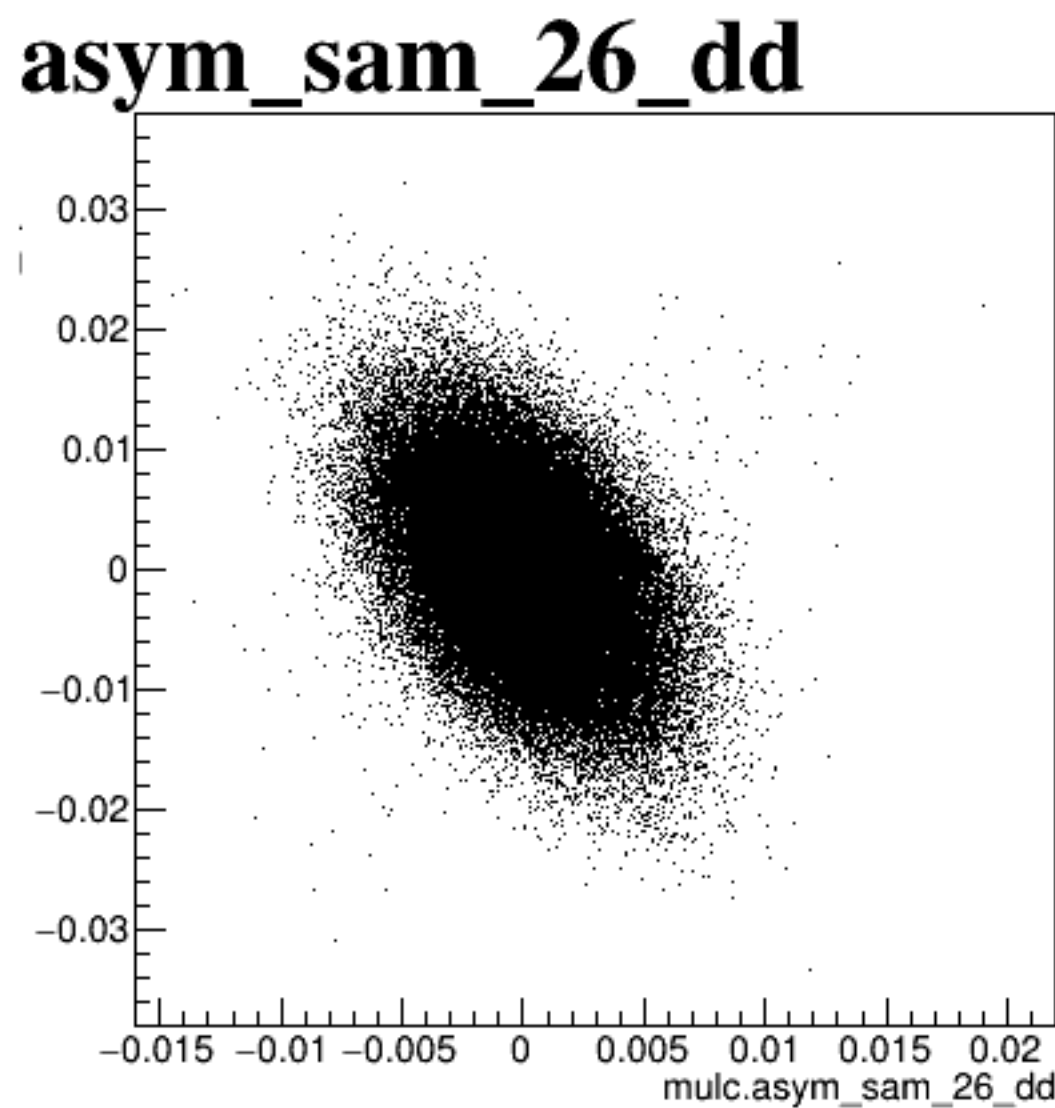
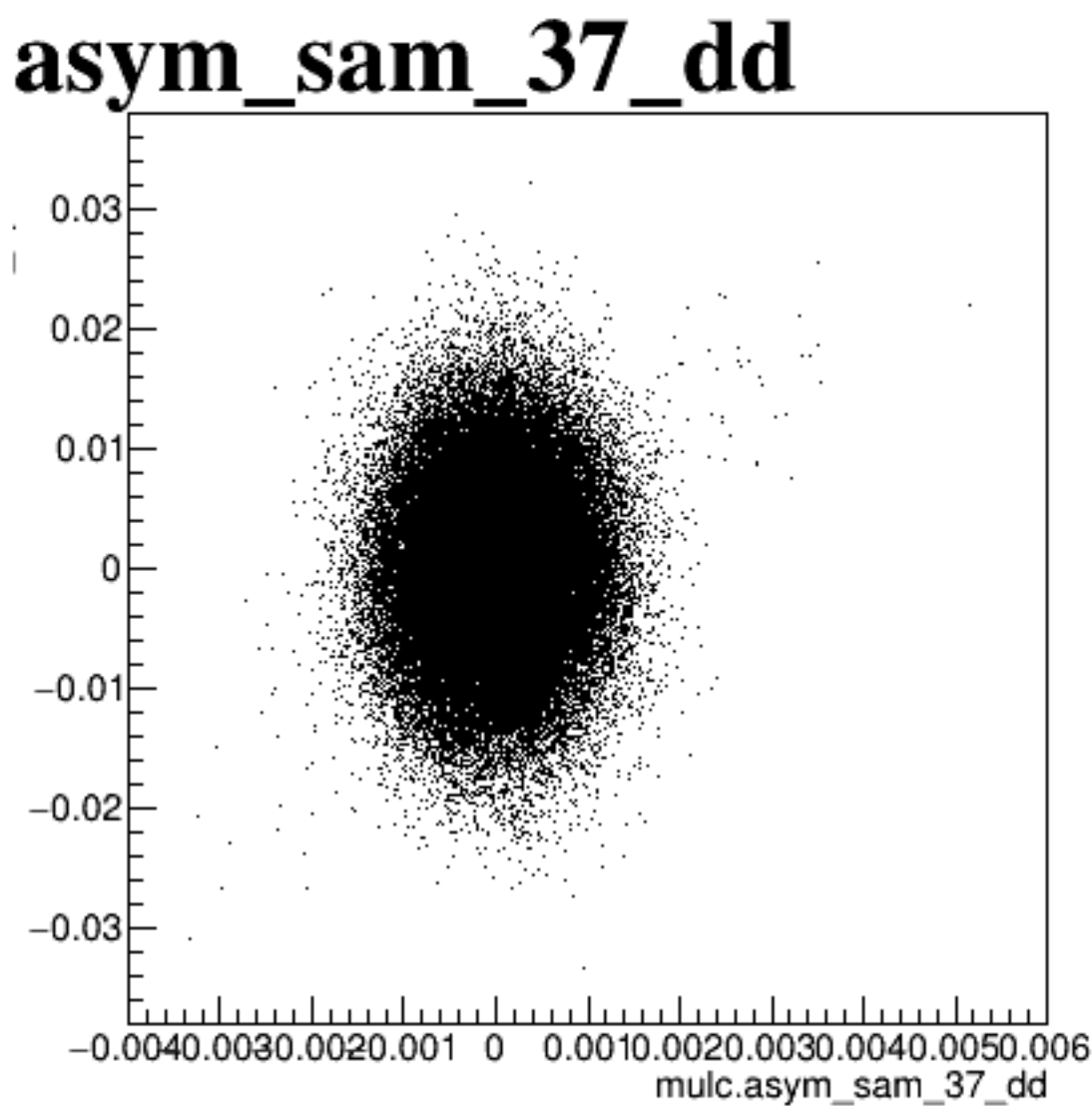
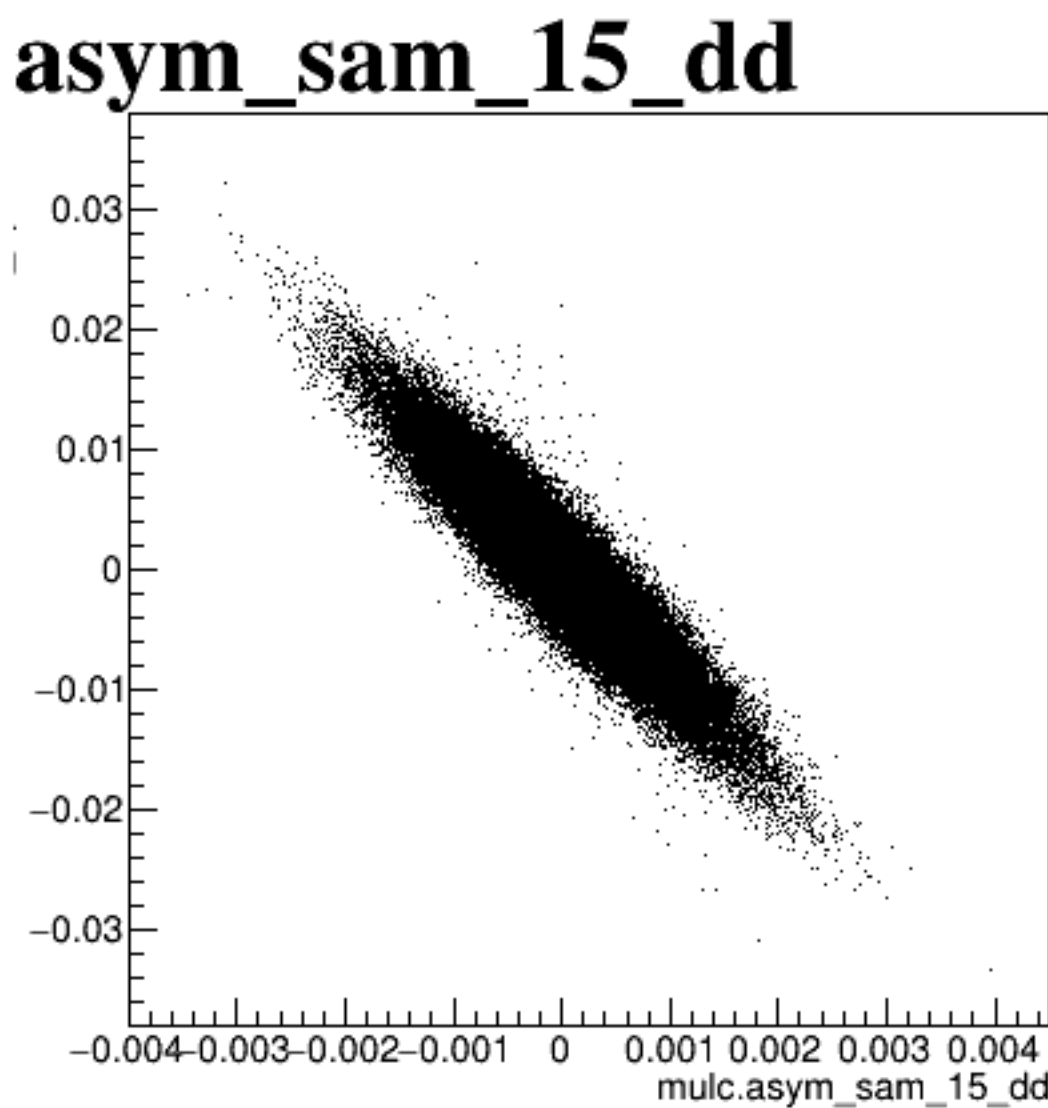
diff_bpm12X



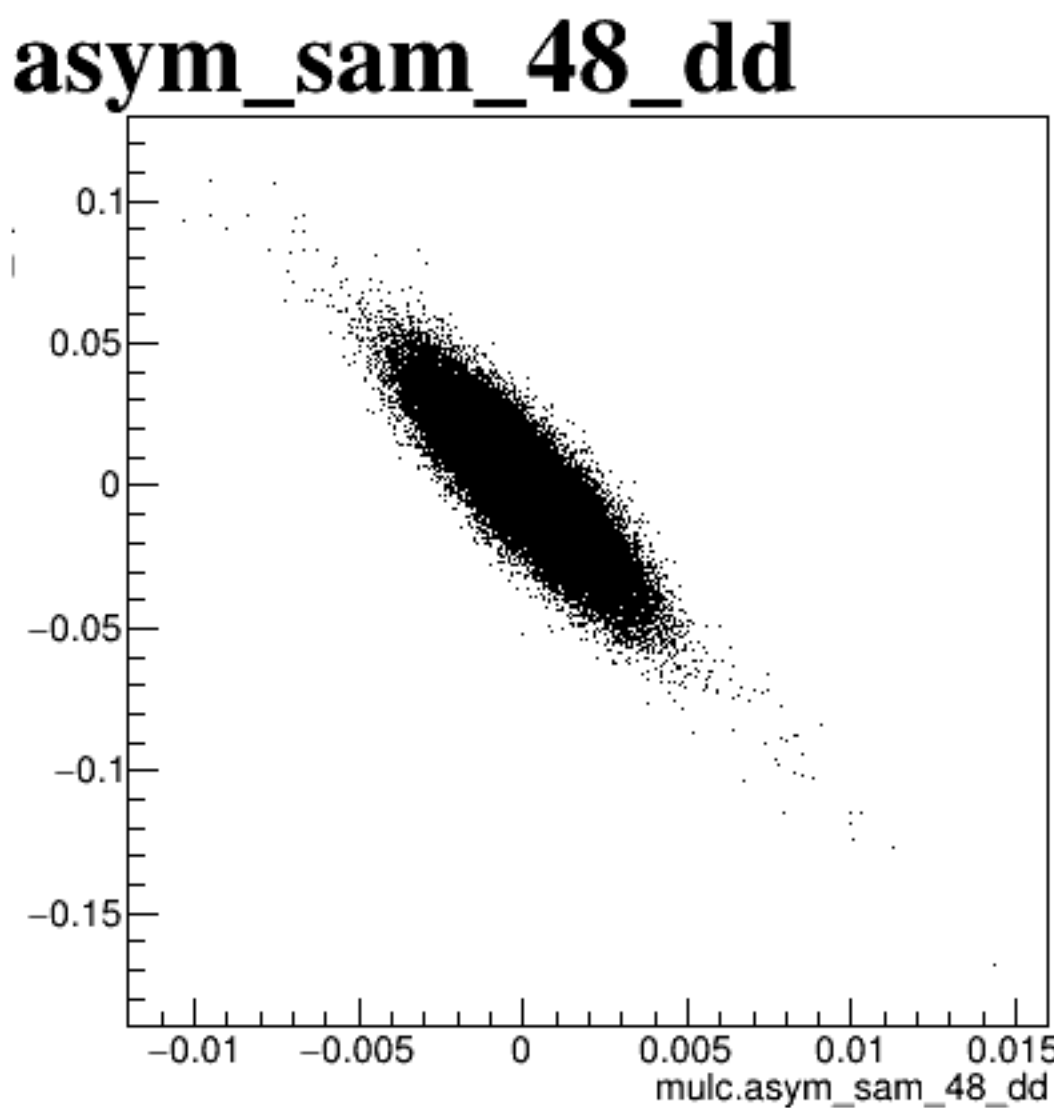
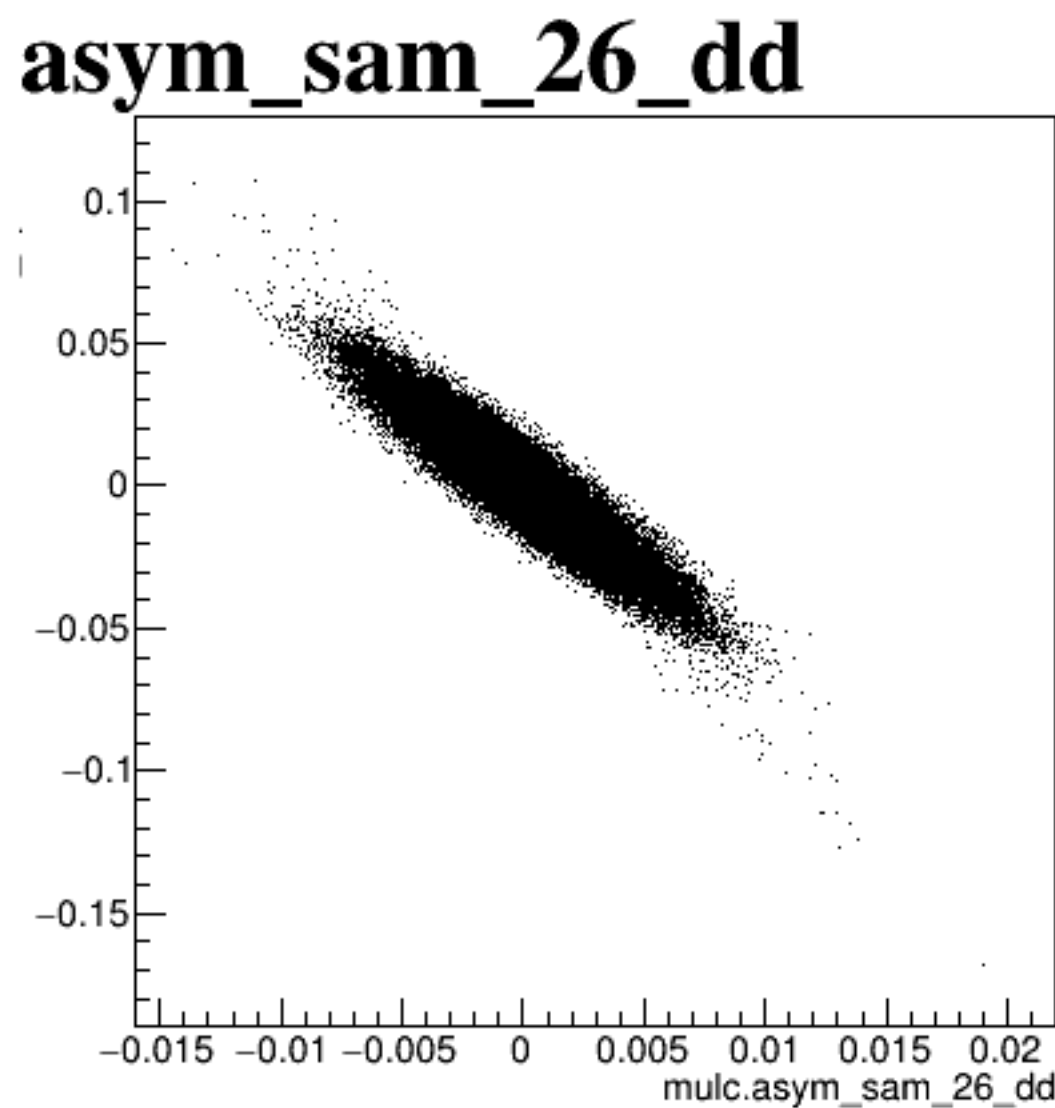
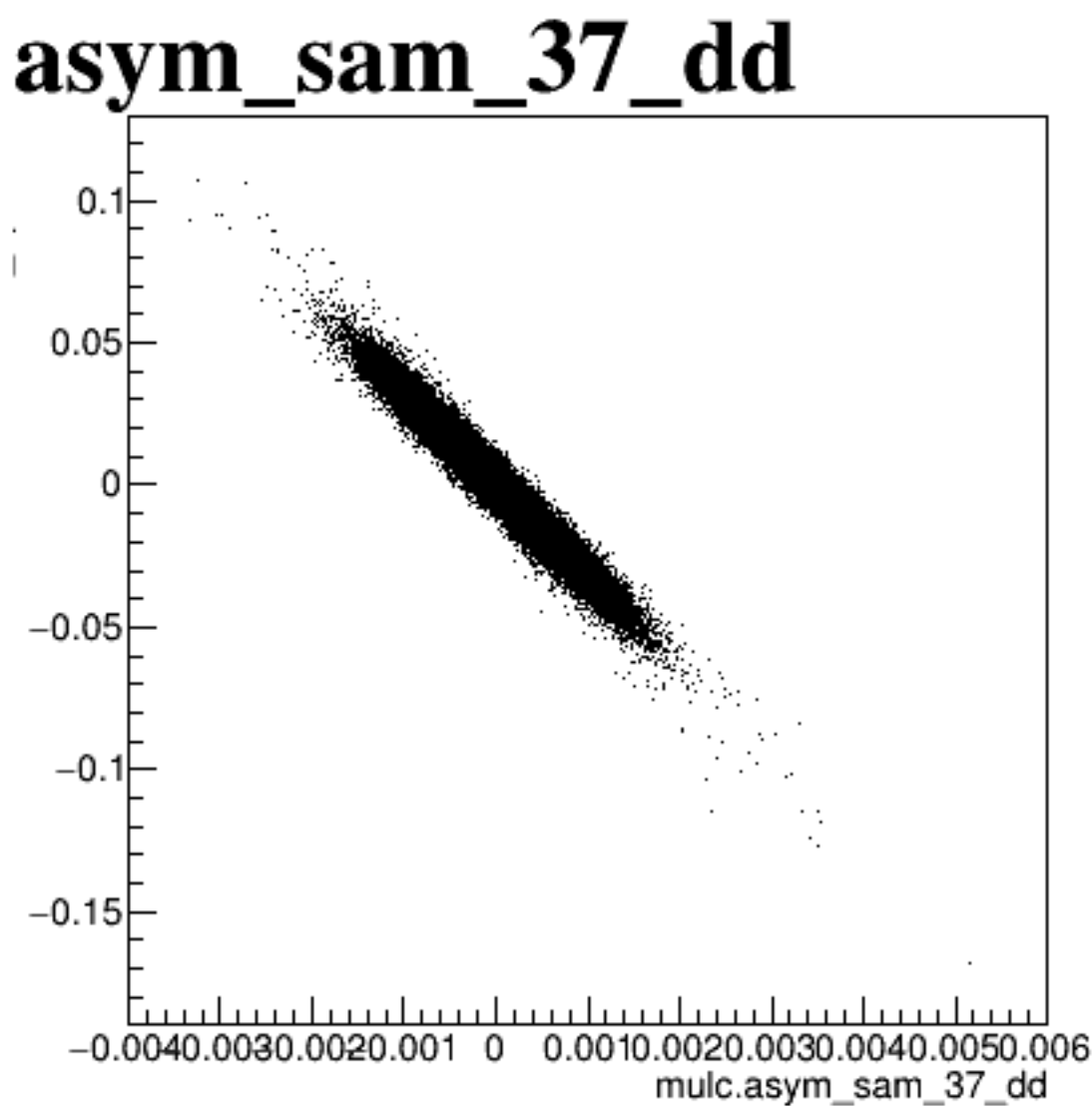
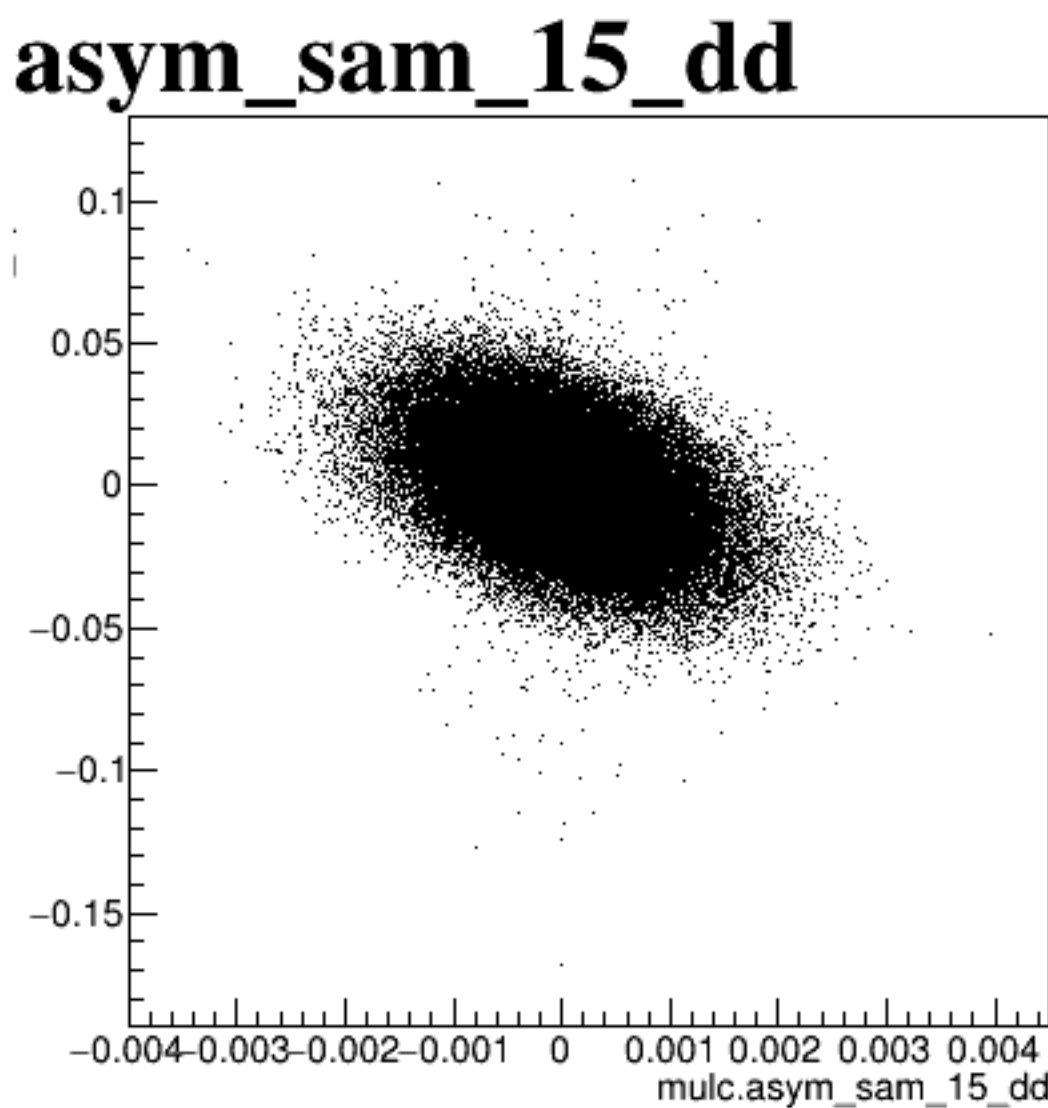
diff_bpm4aX



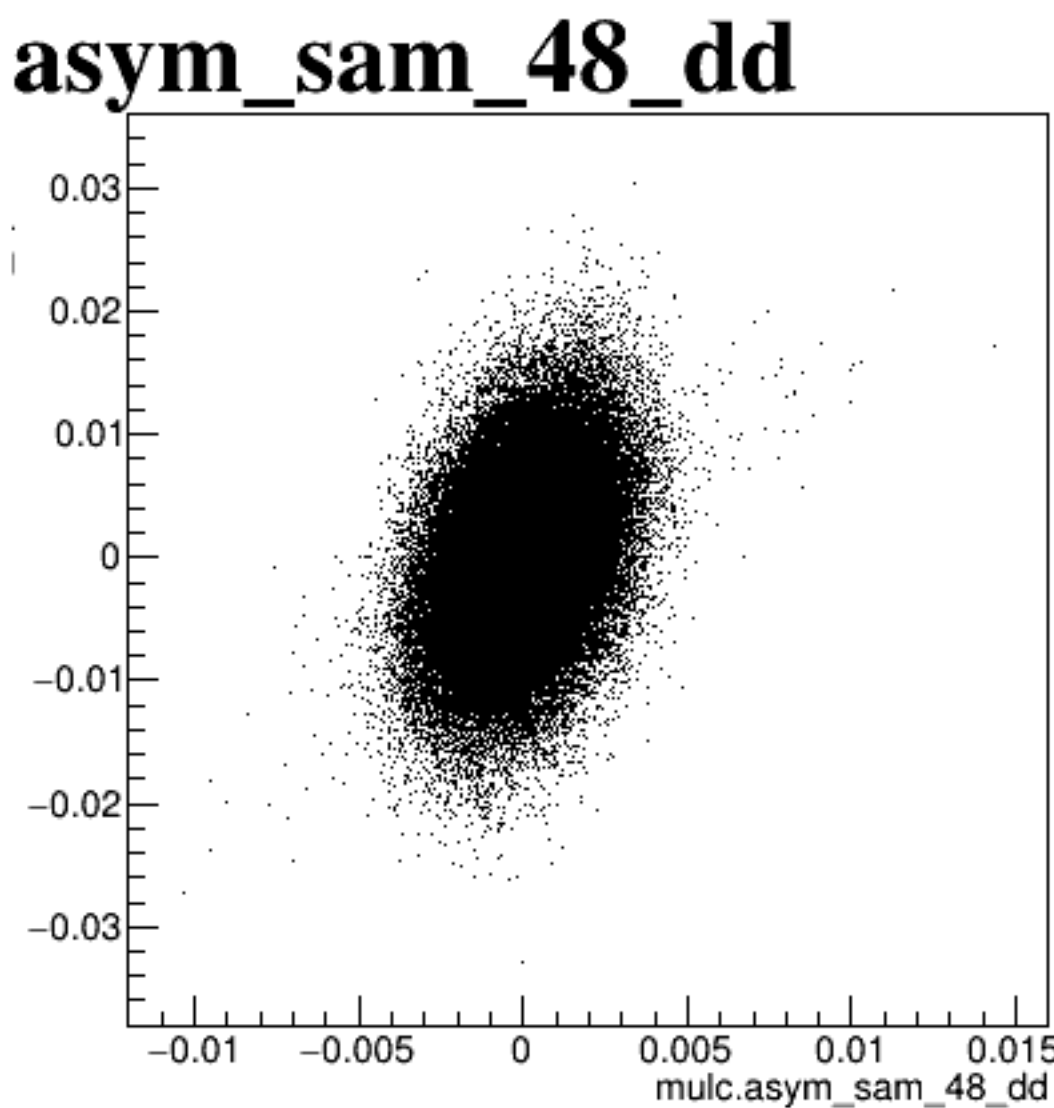
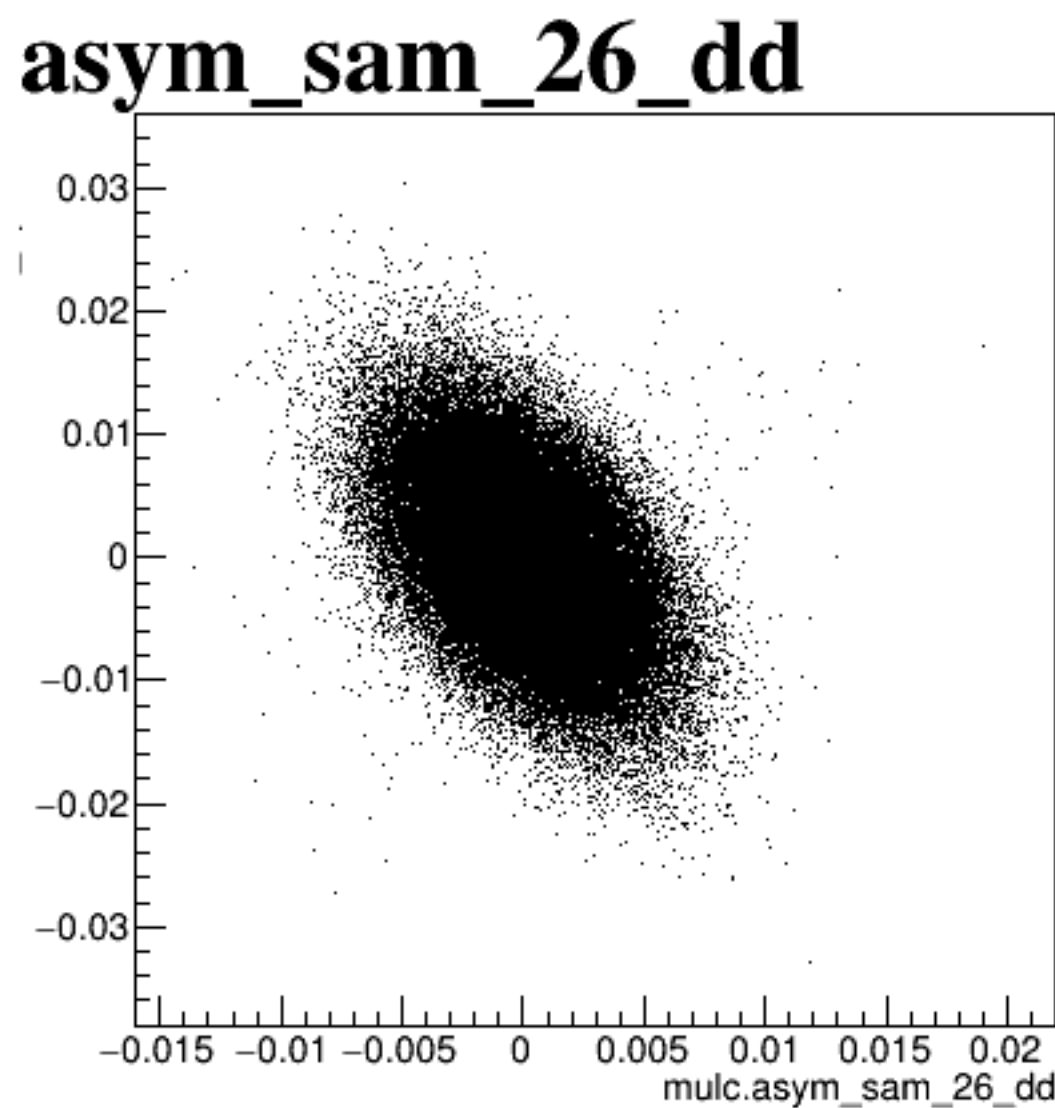
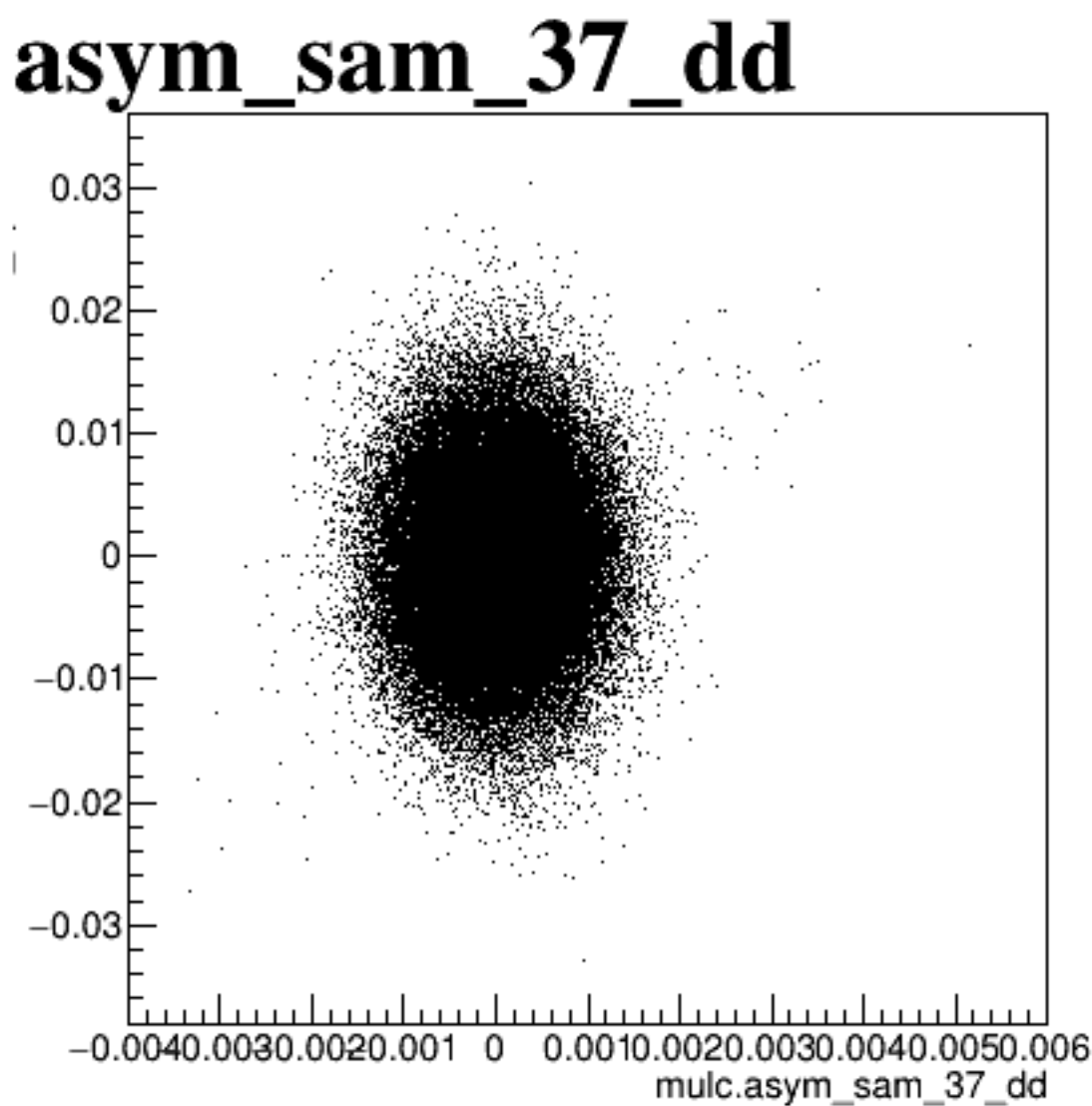
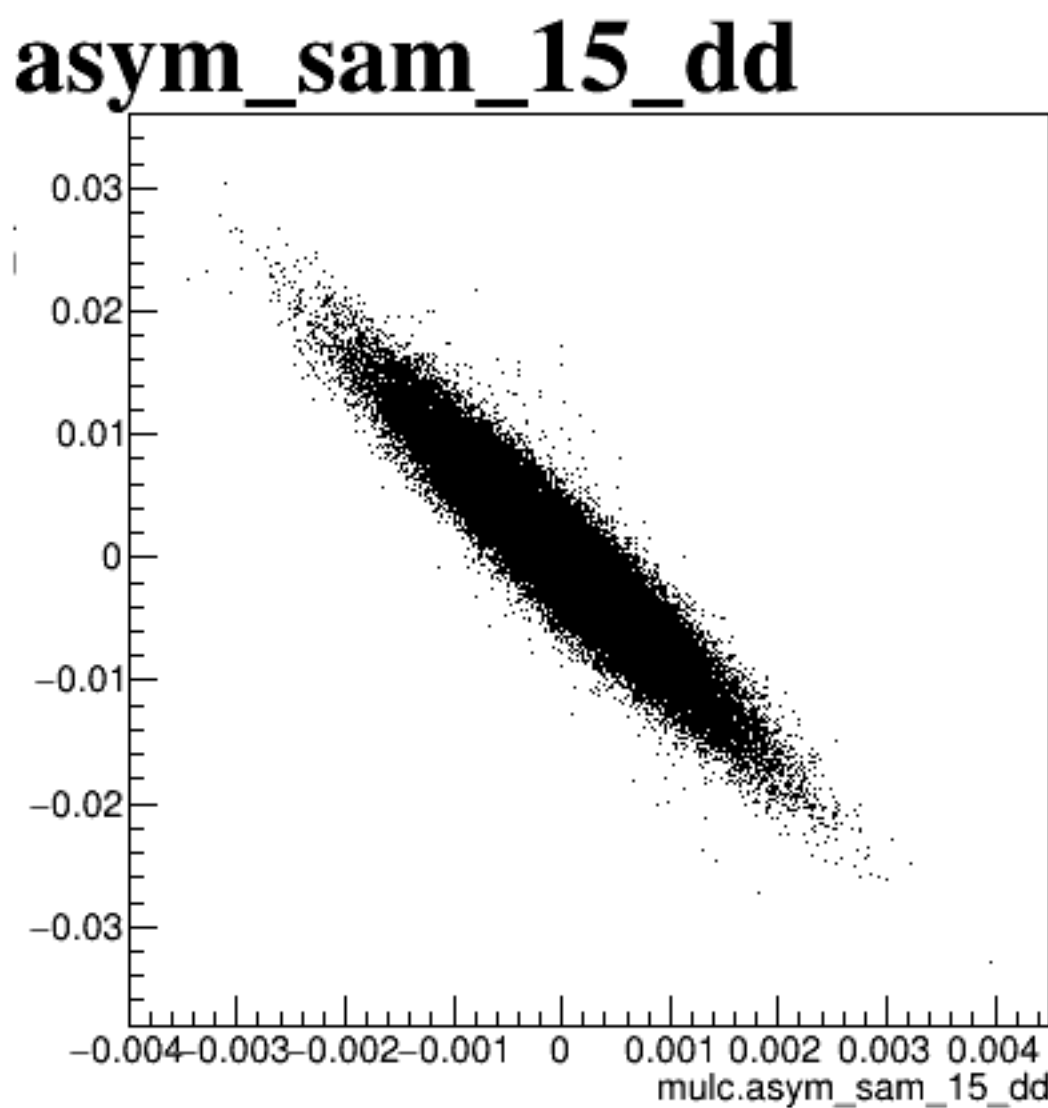
diff_bpm4aY



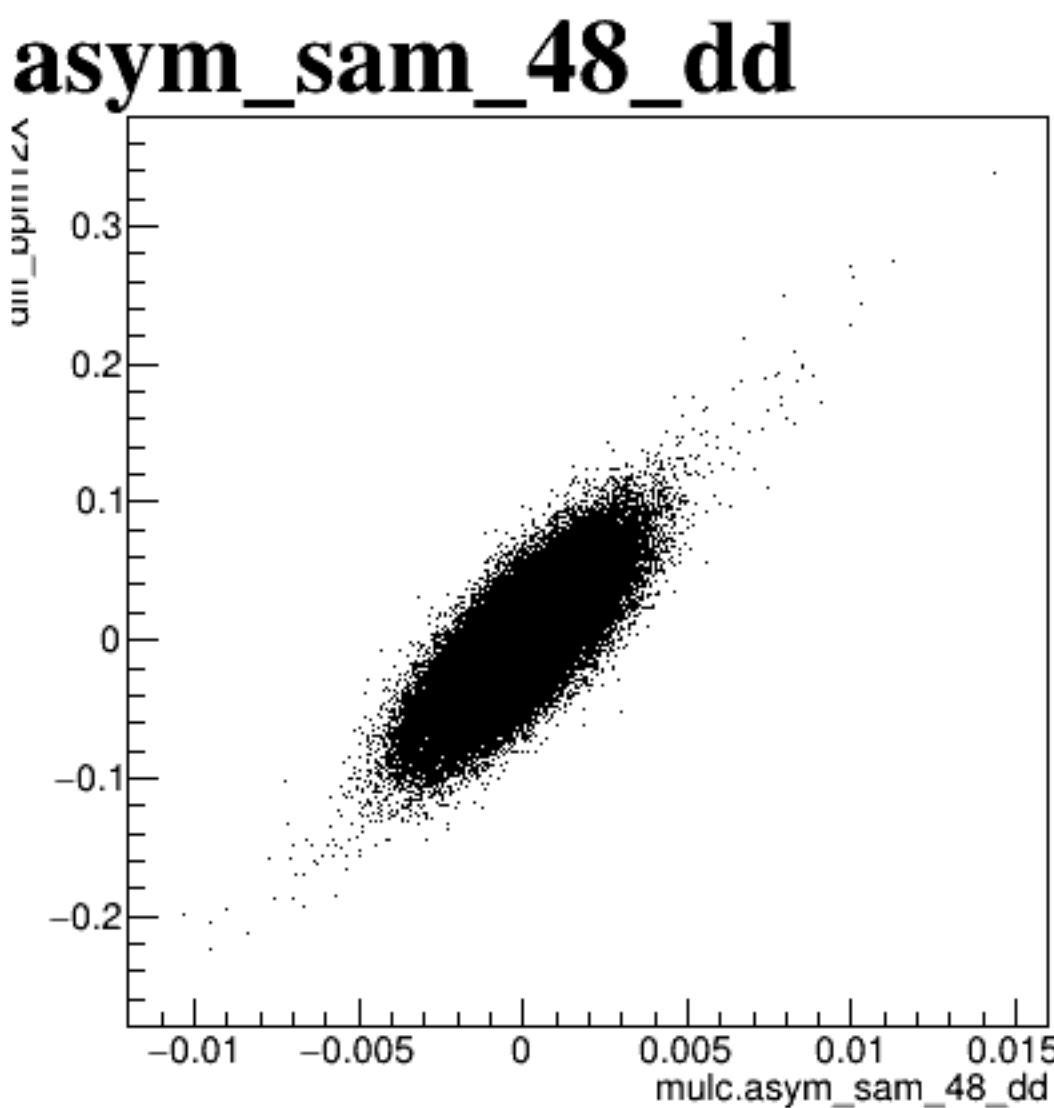
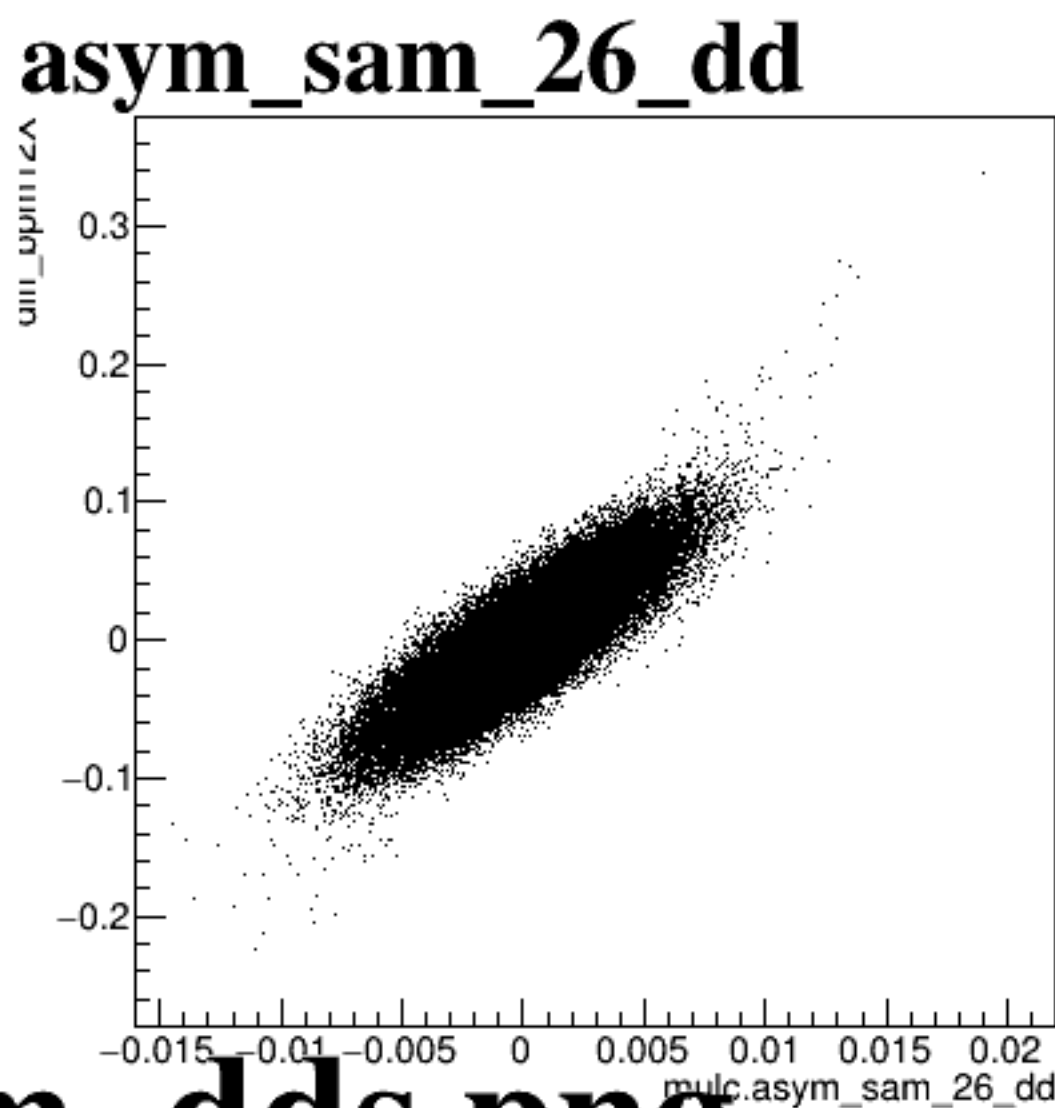
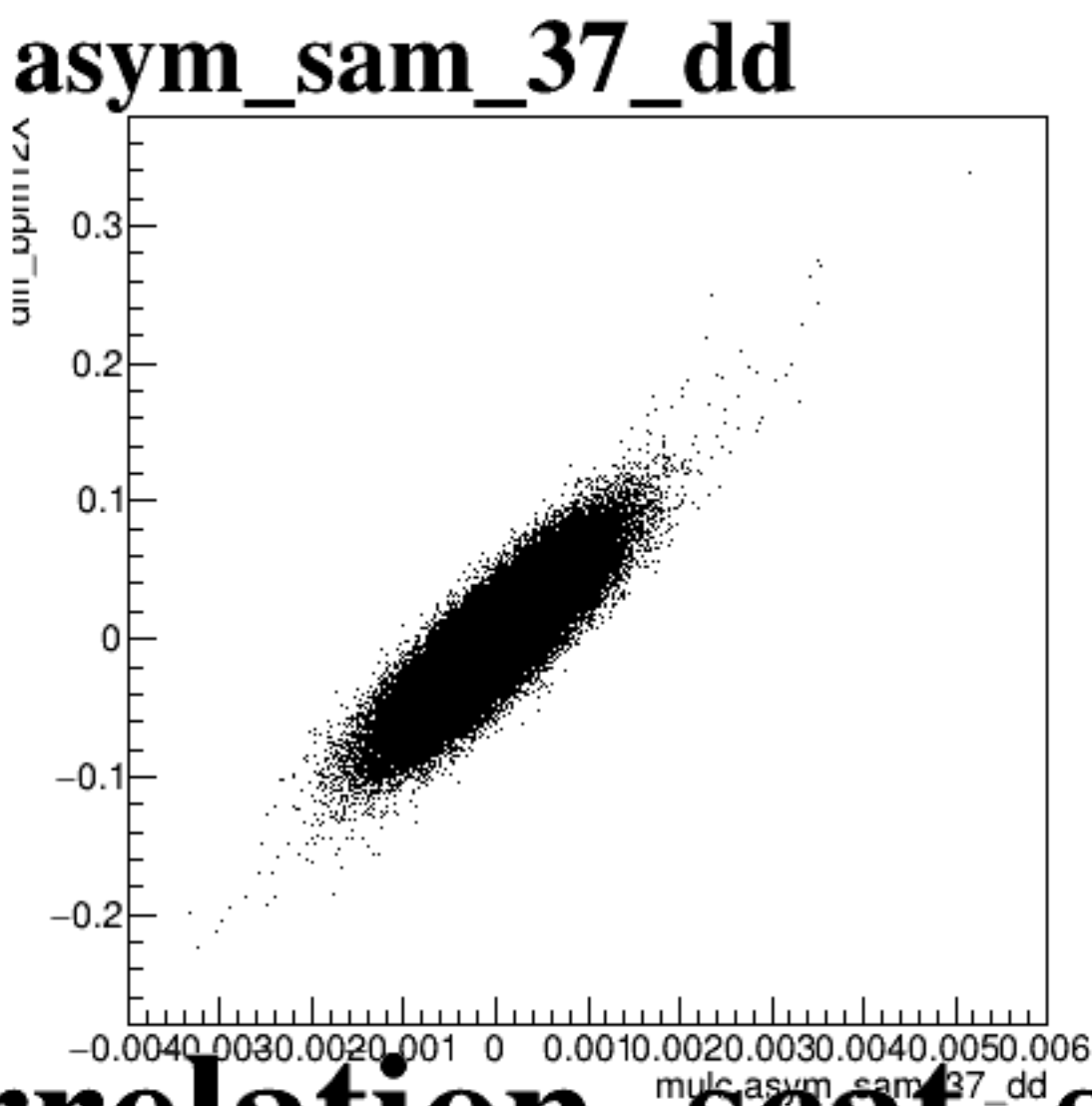
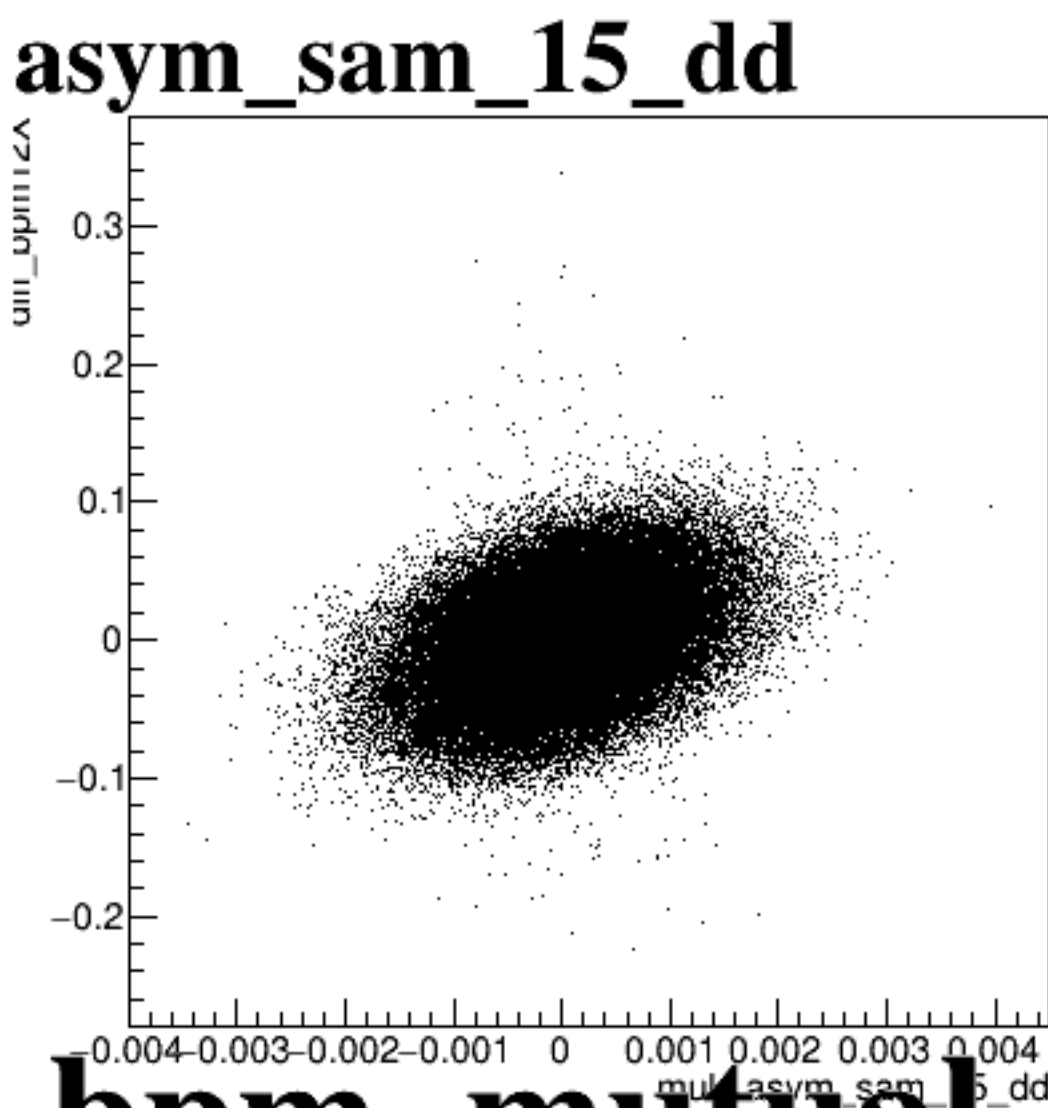
diff_bpm4eX



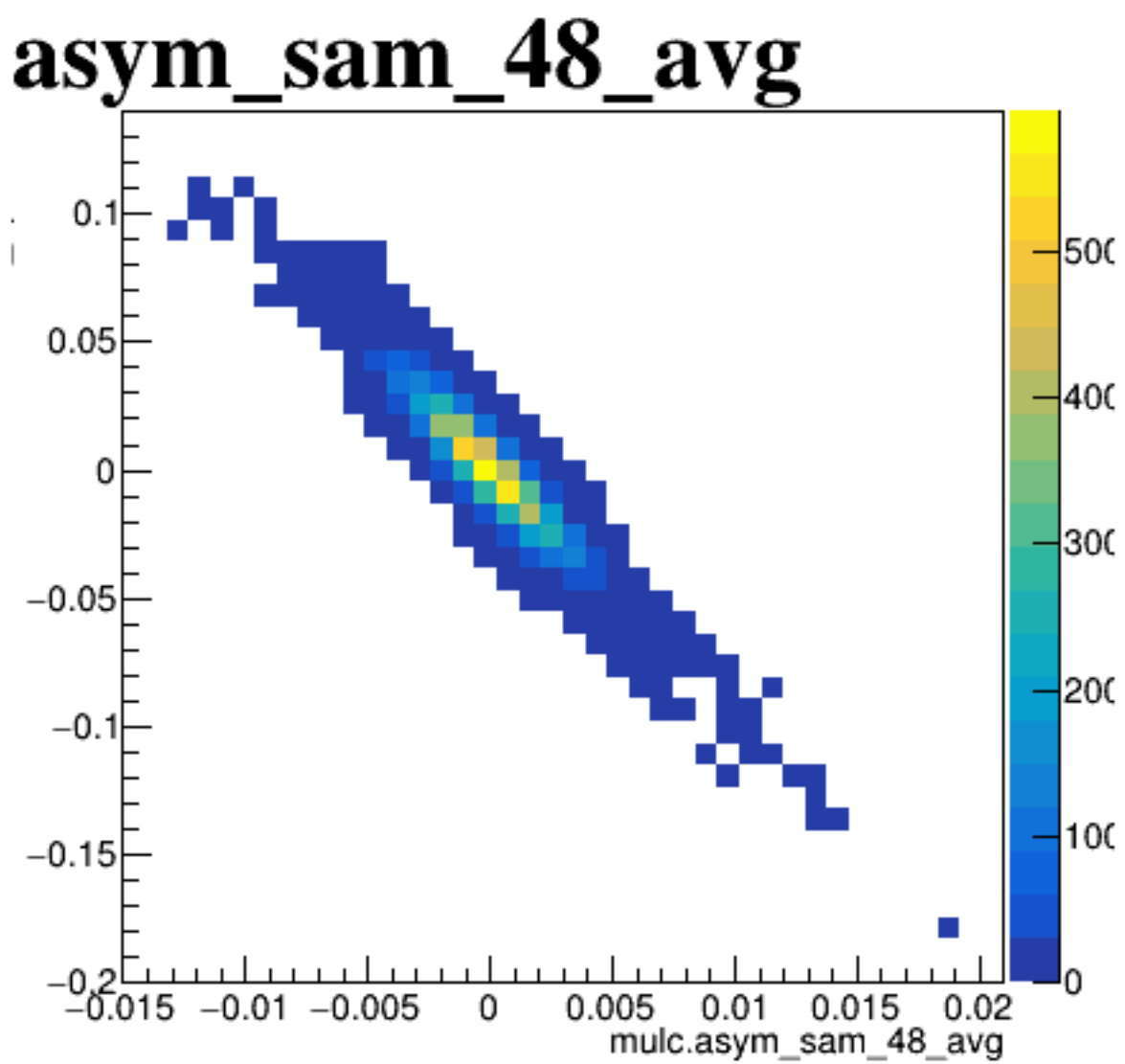
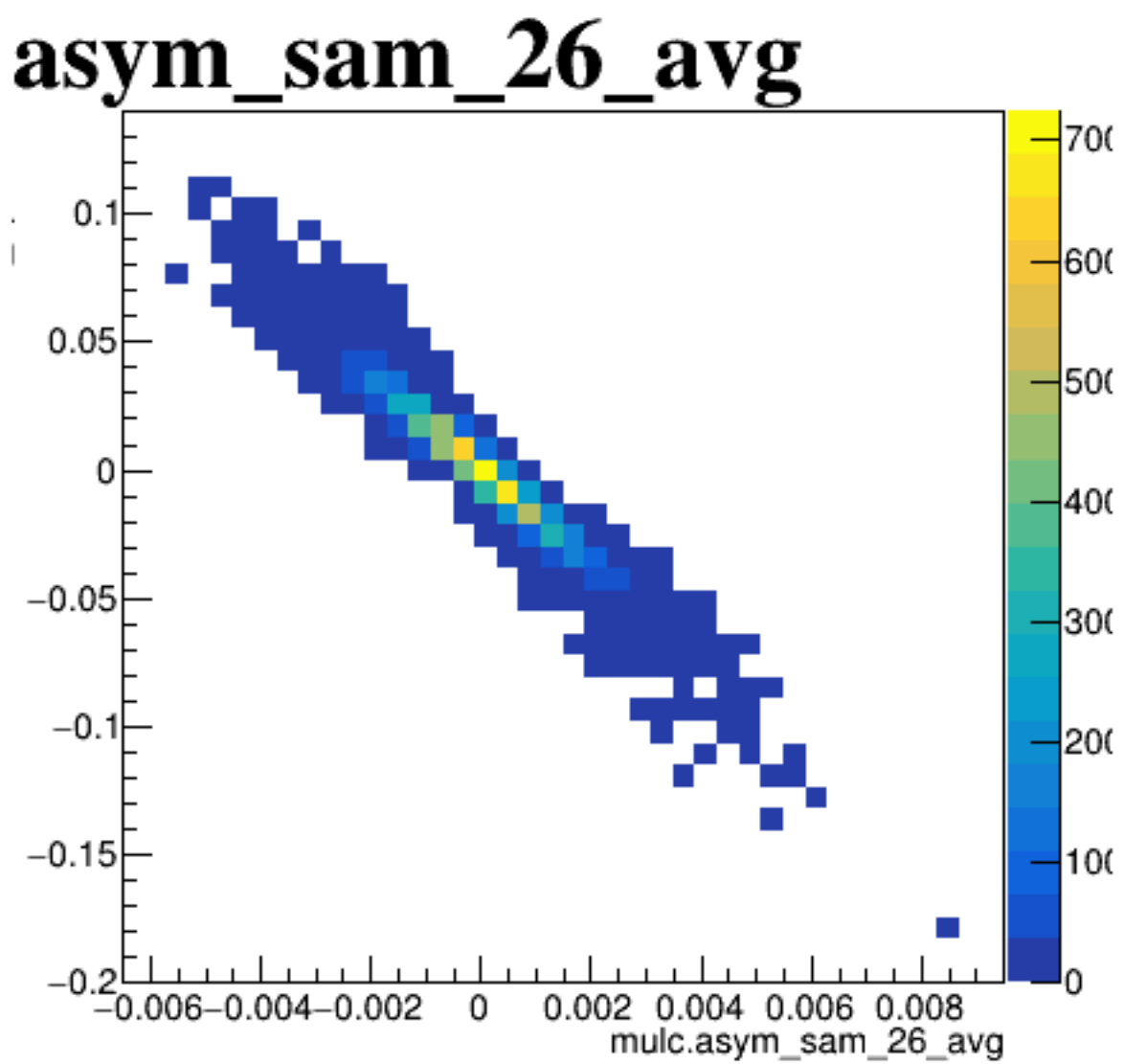
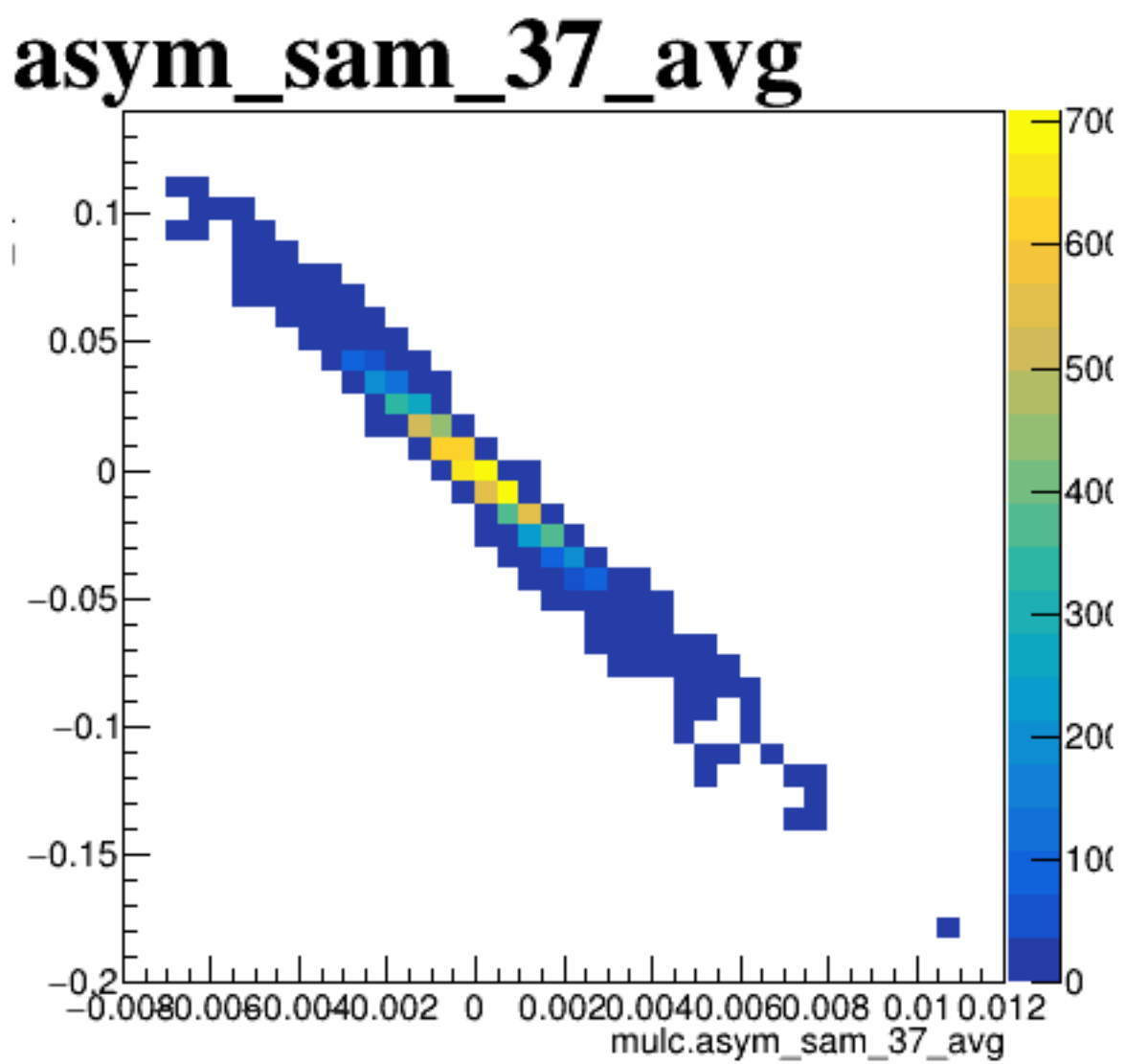
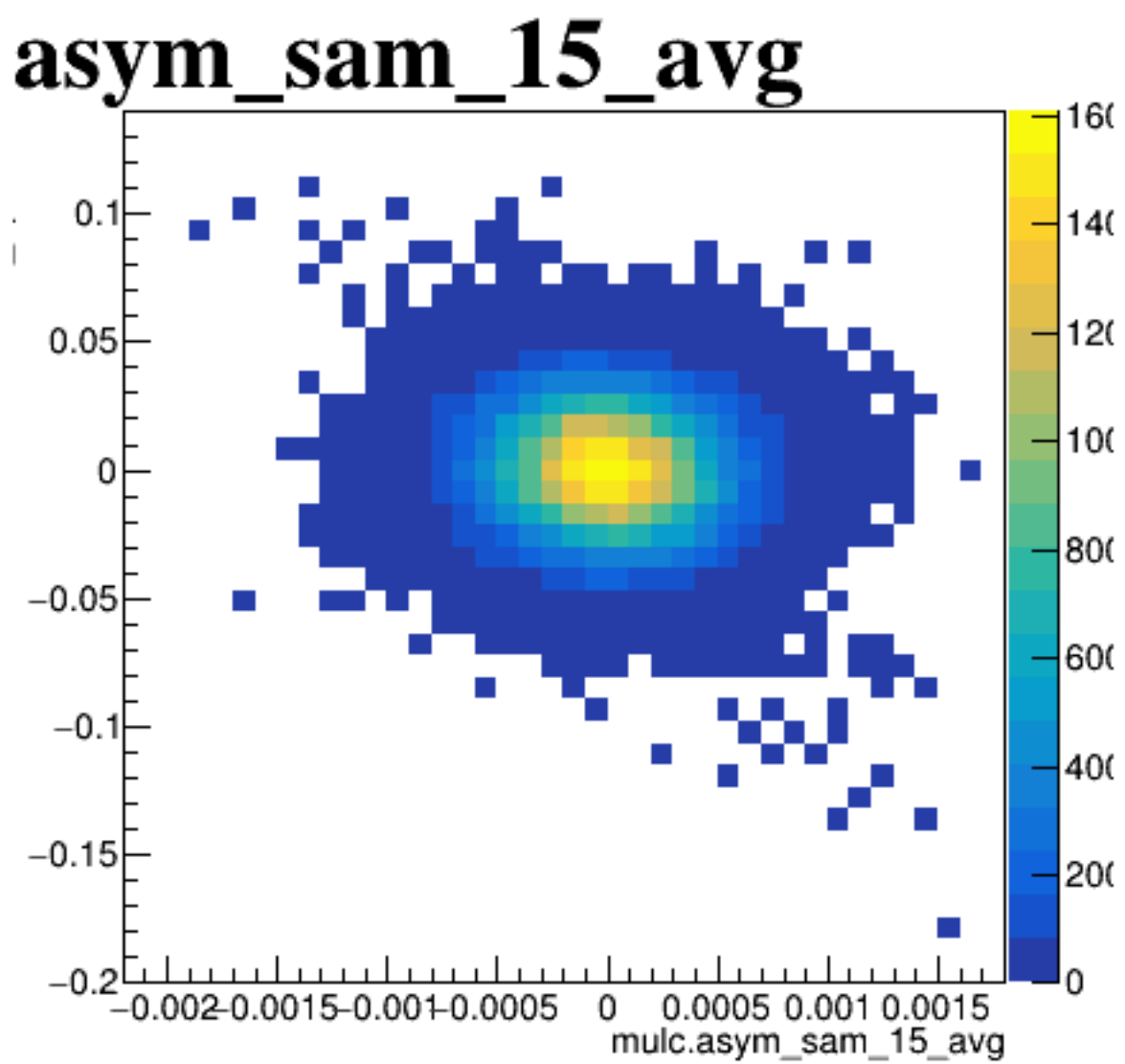
diff_bpm4eY



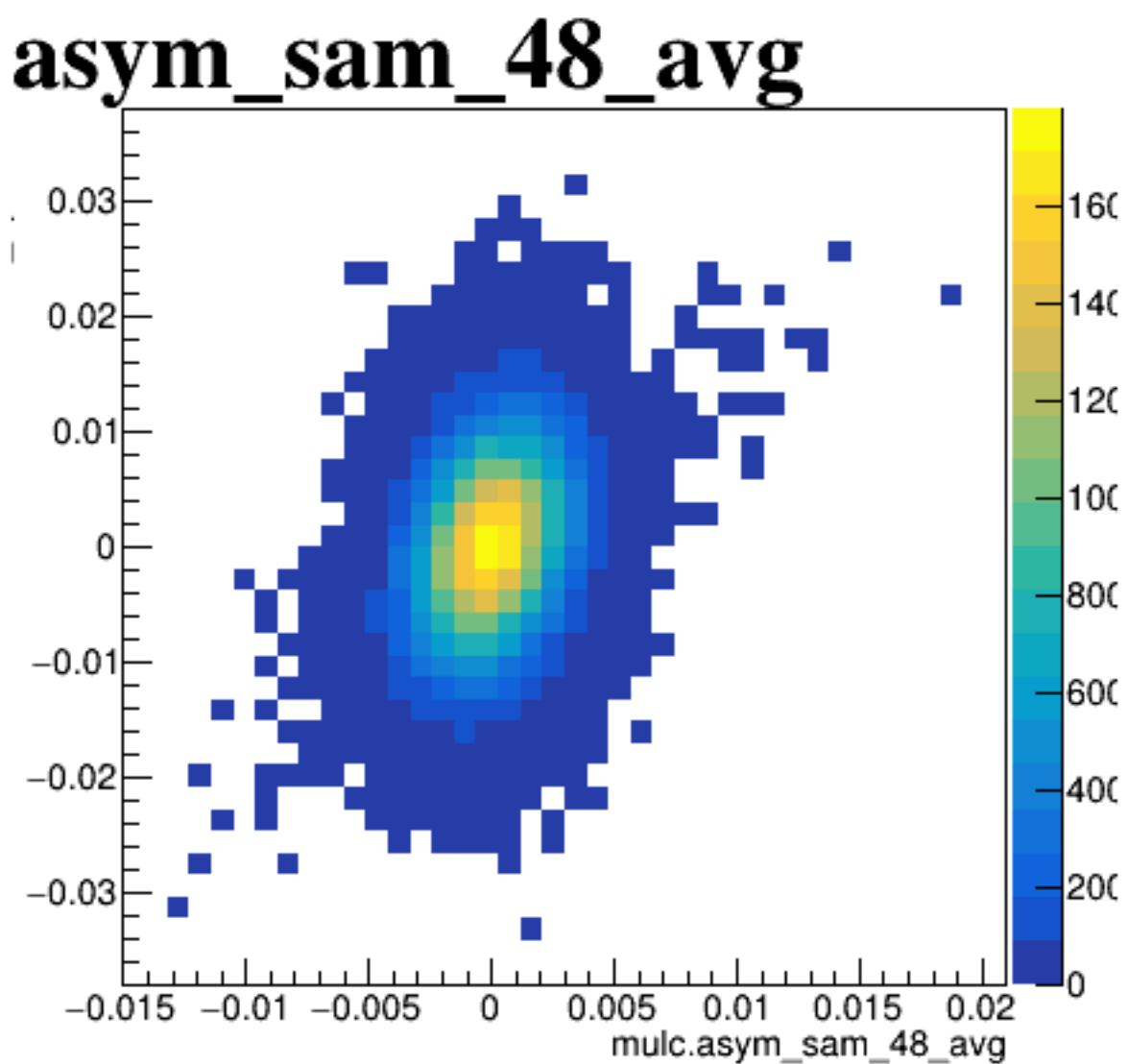
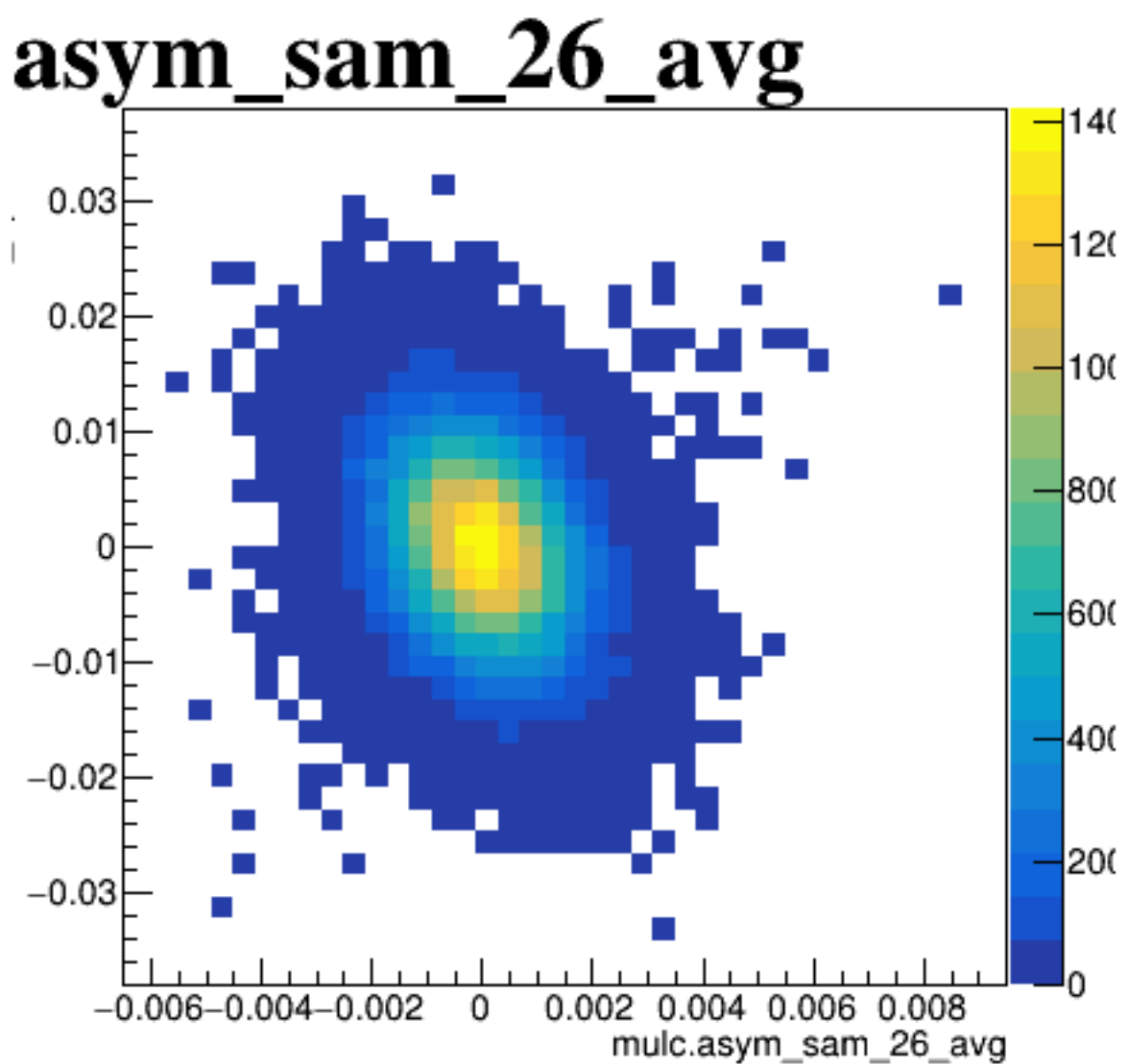
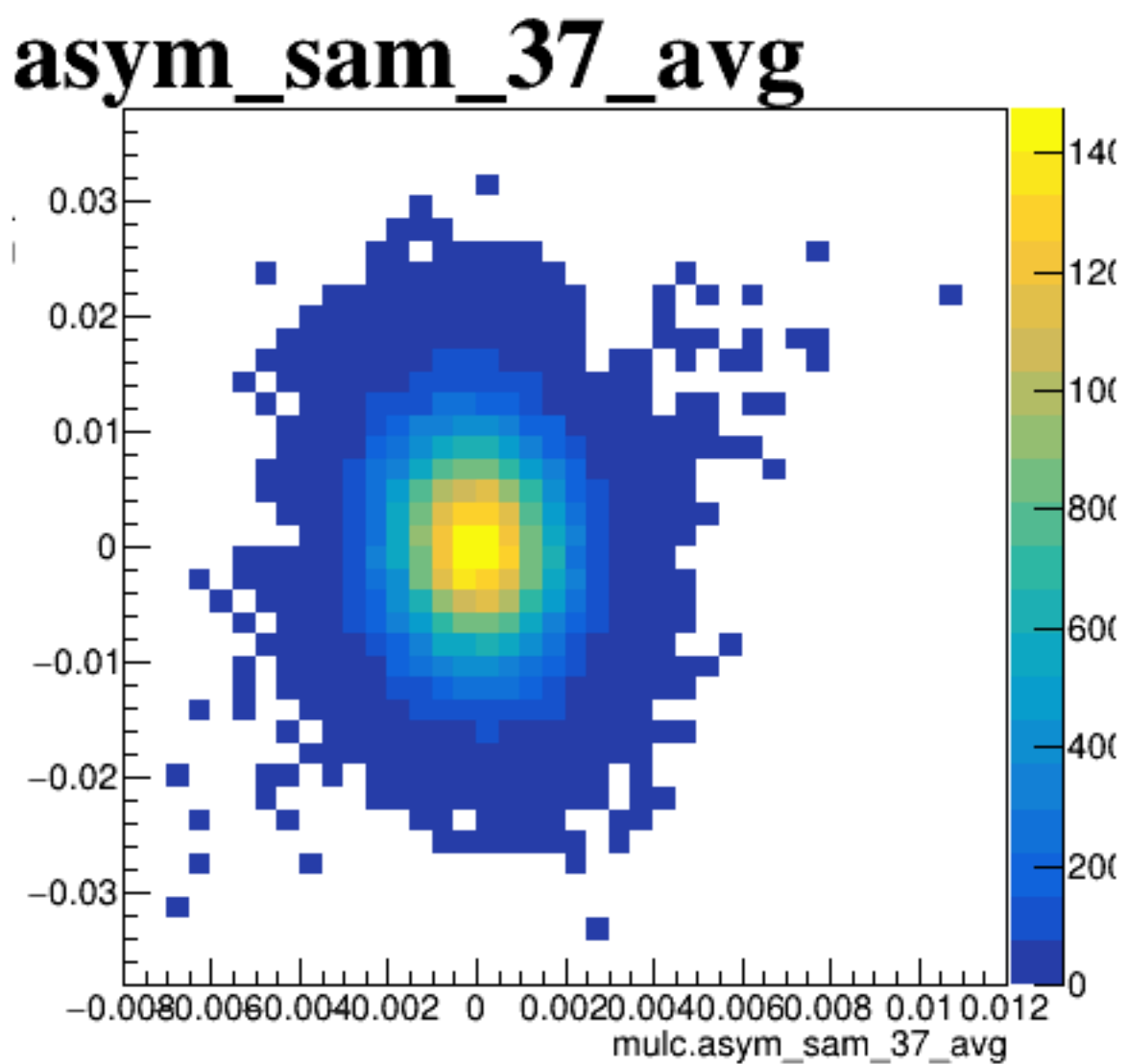
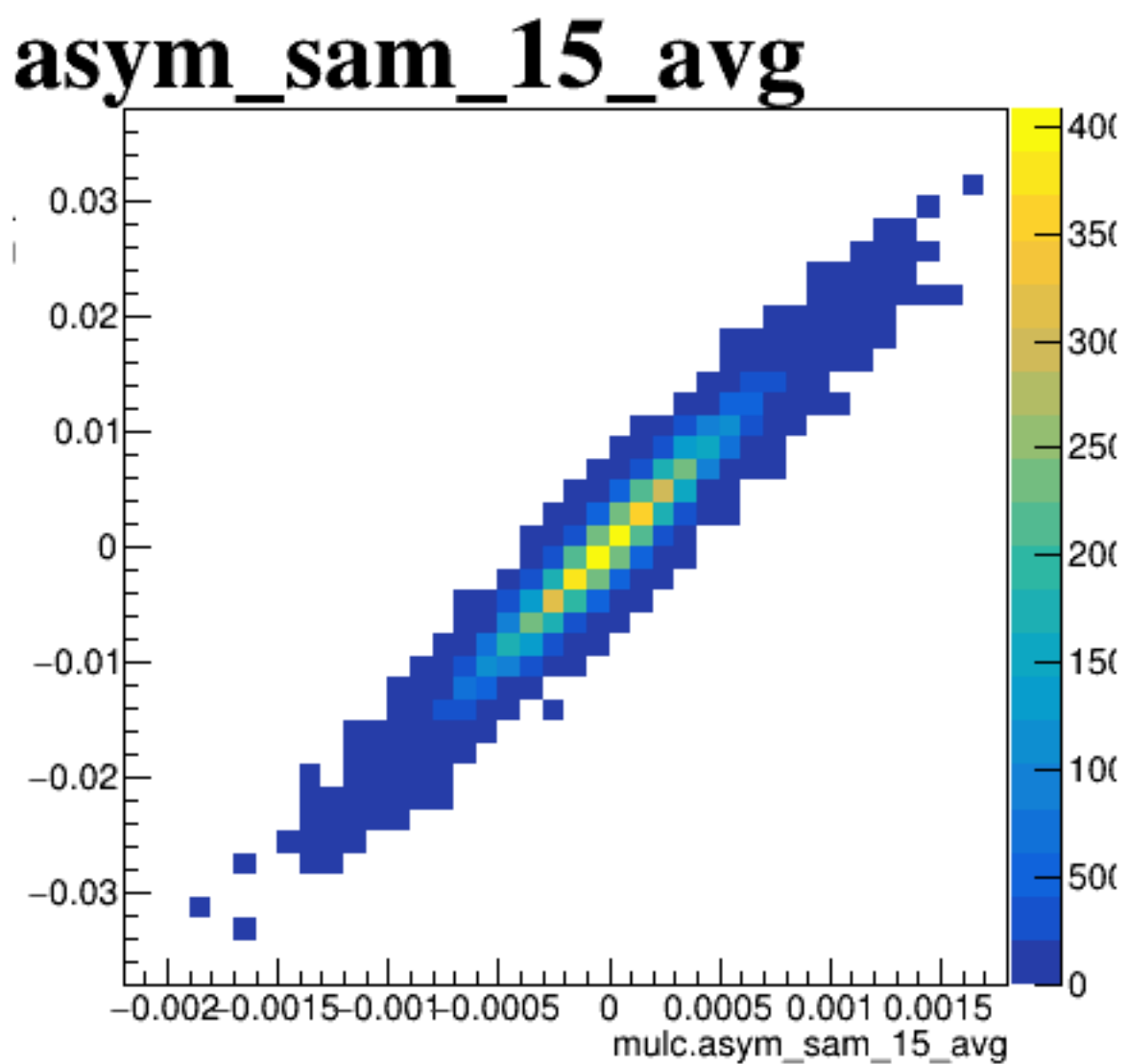
diff_bpm12X



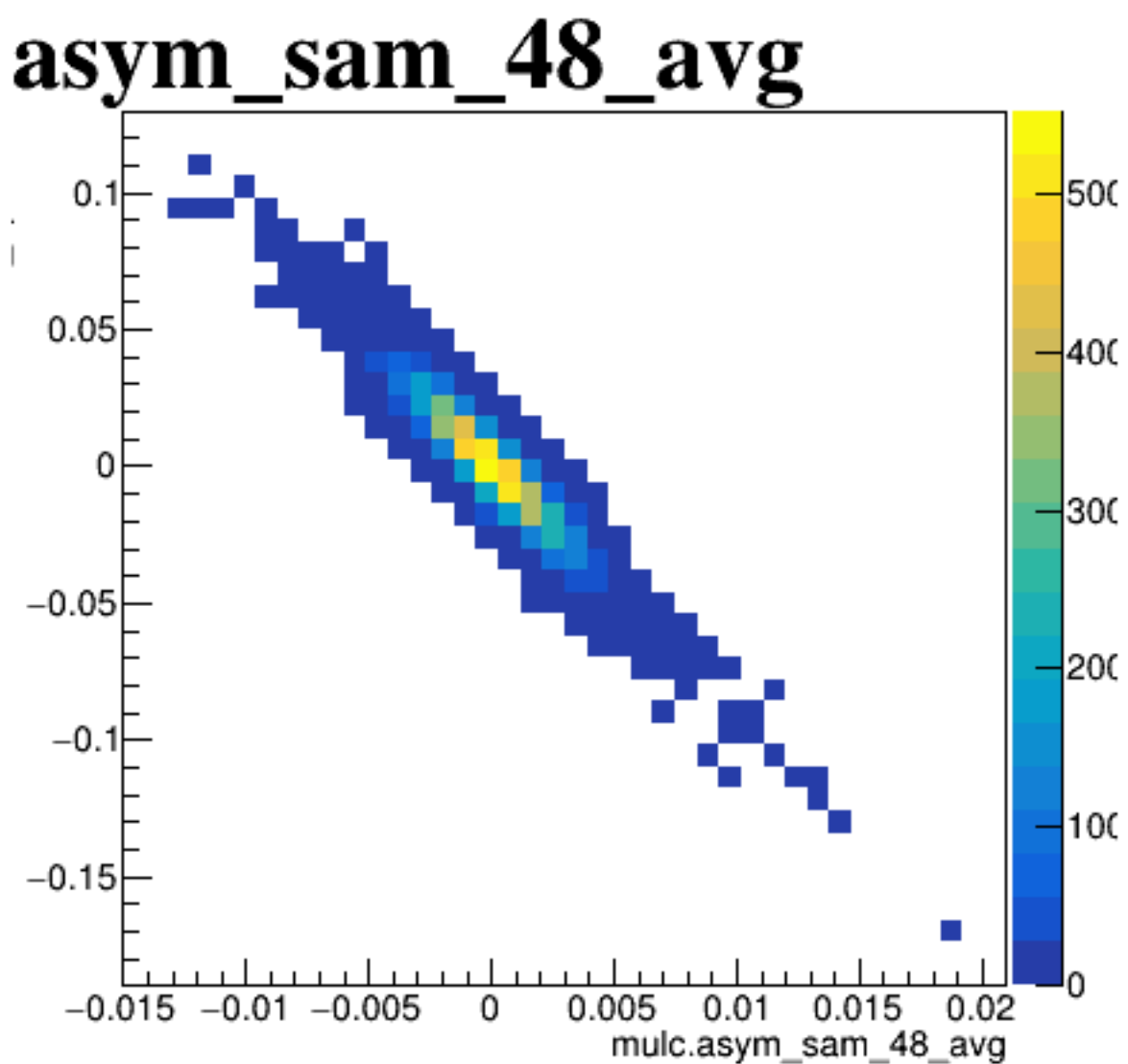
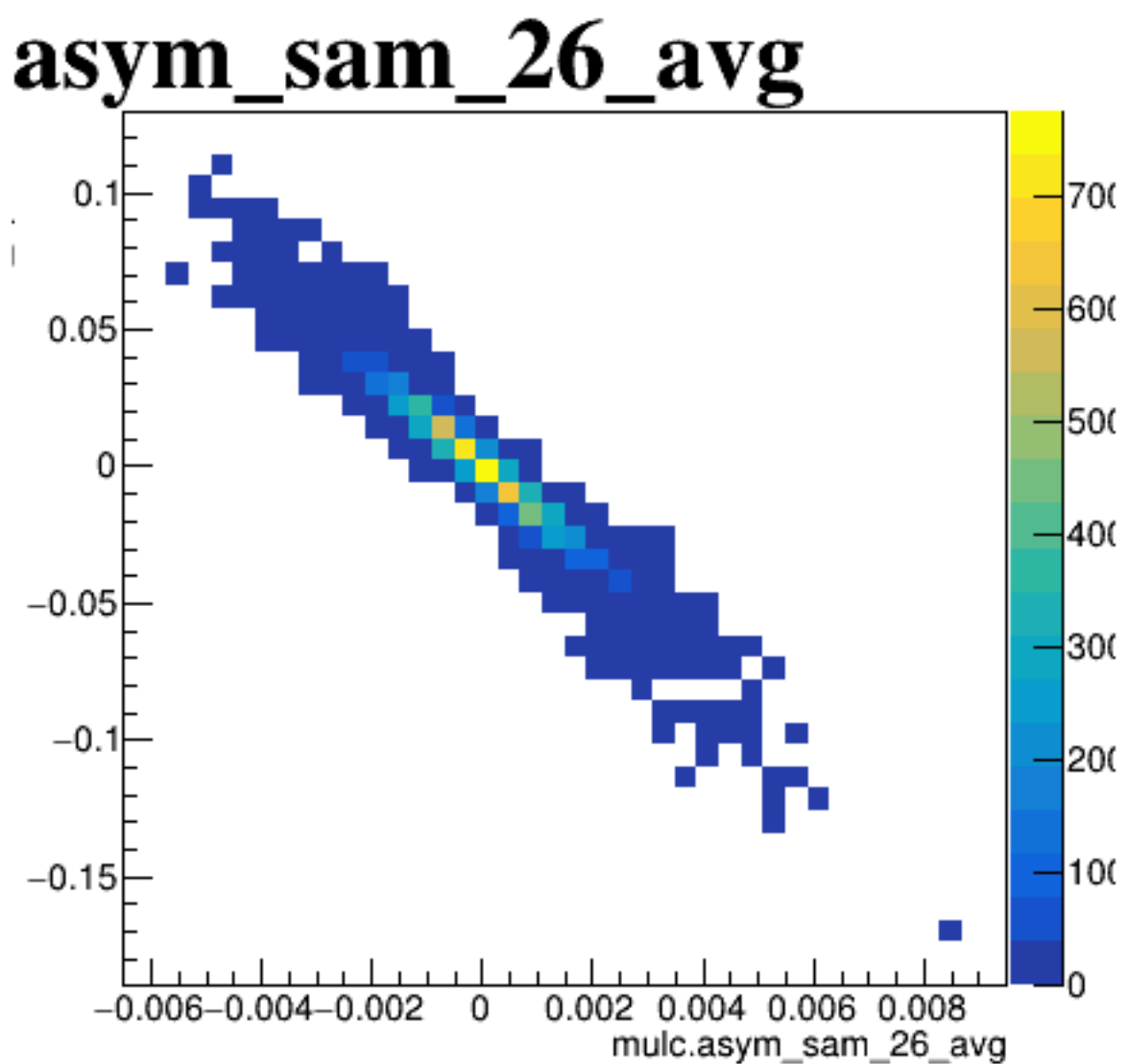
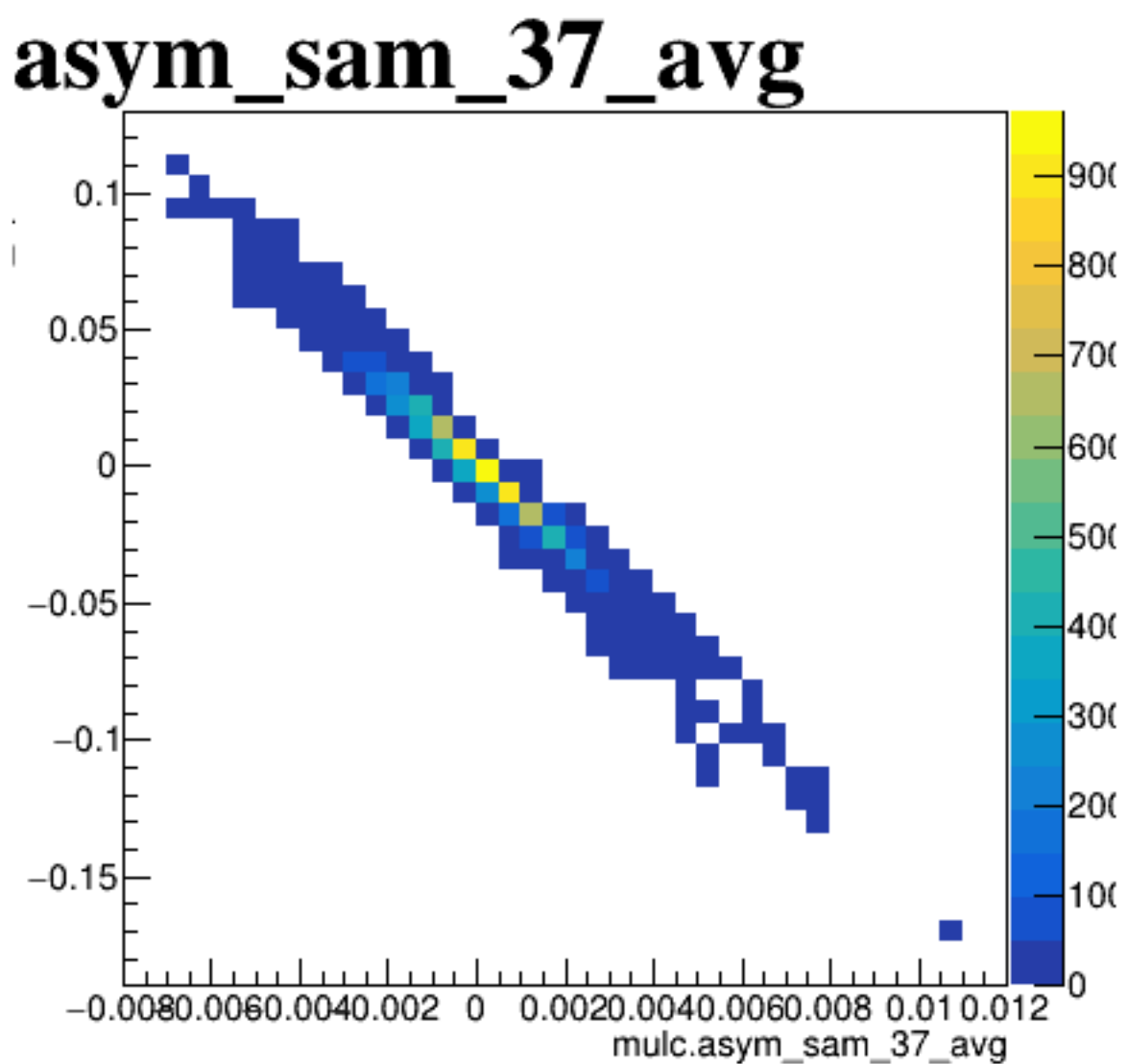
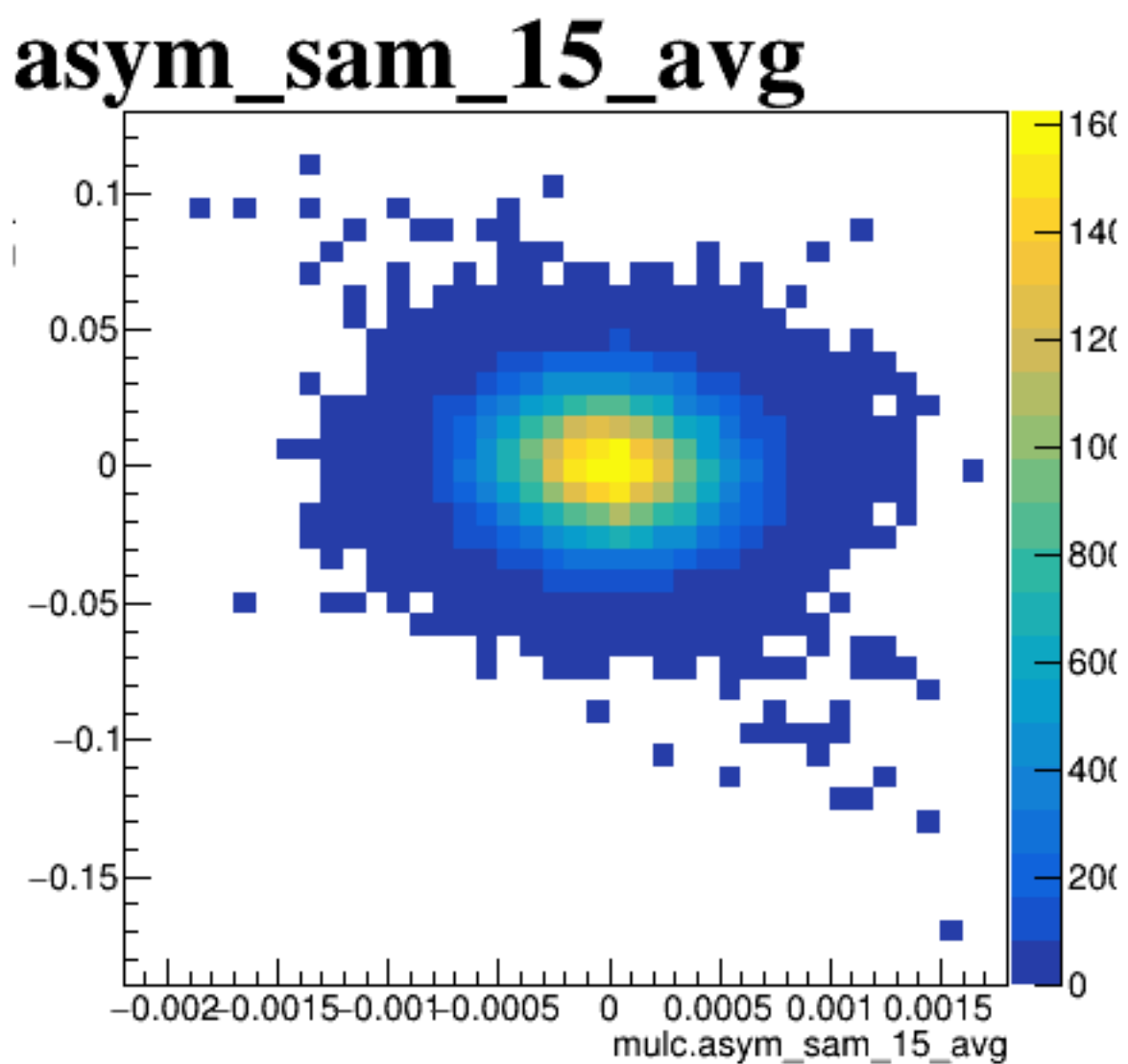
diff_bpm4aX



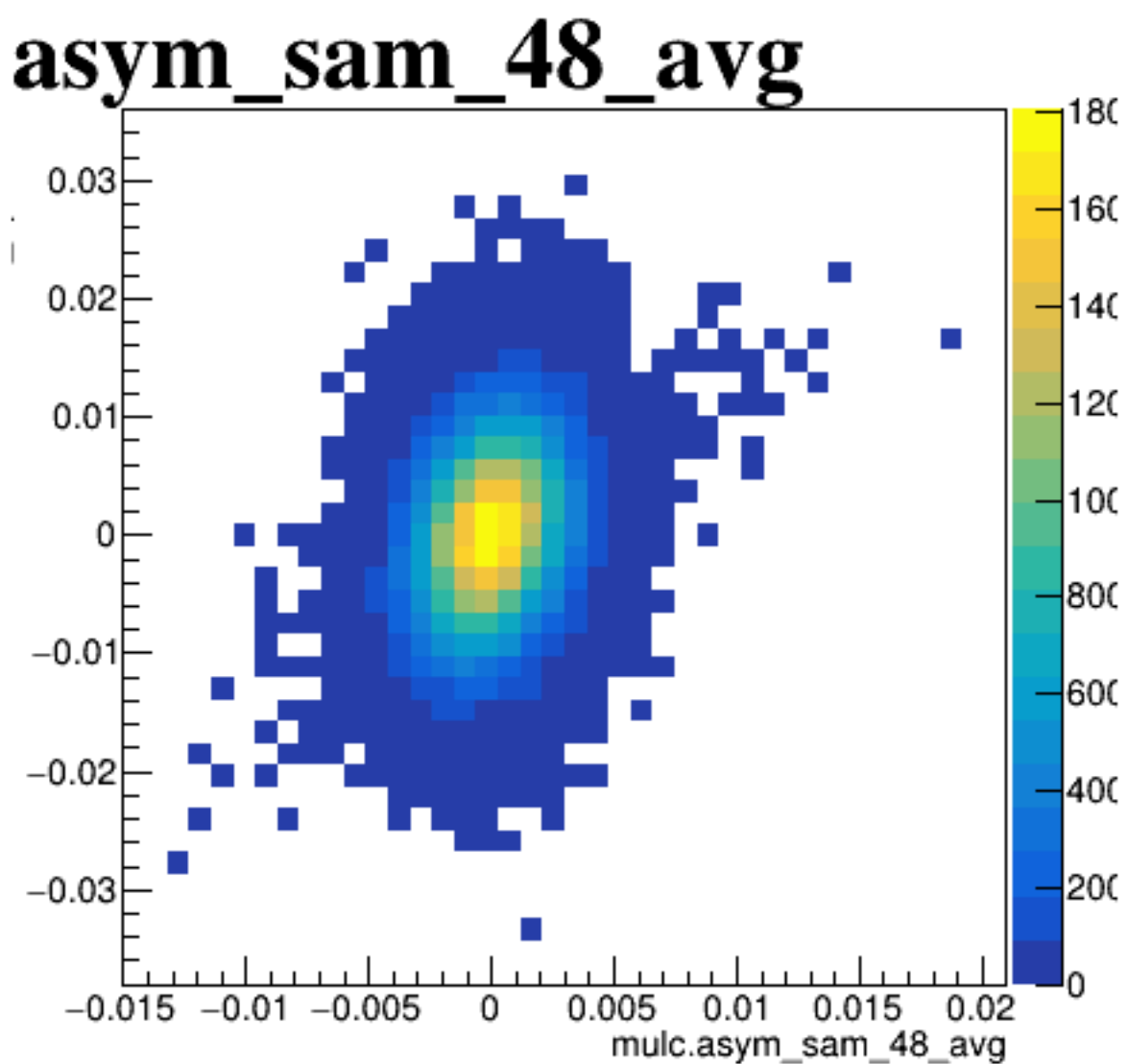
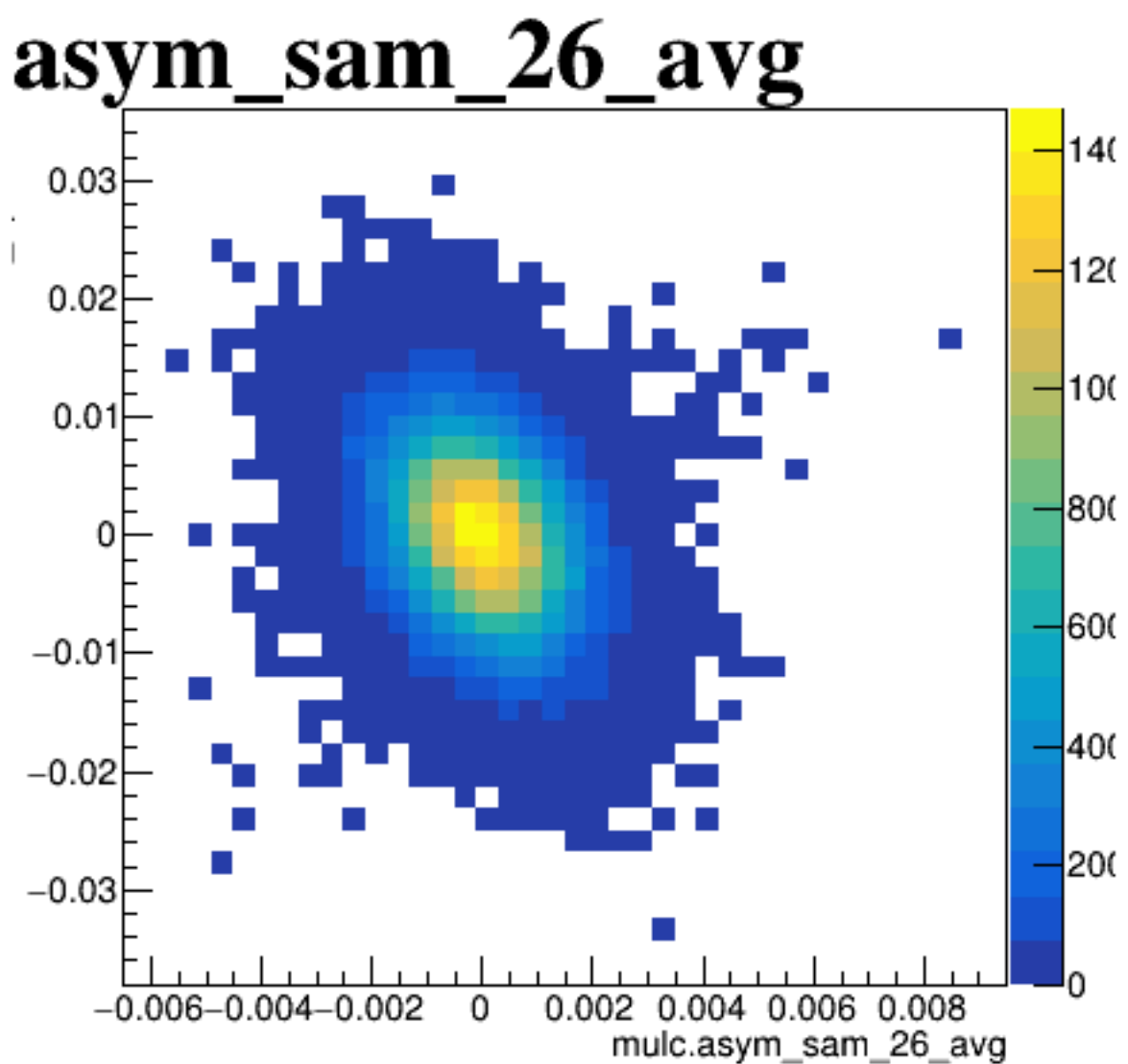
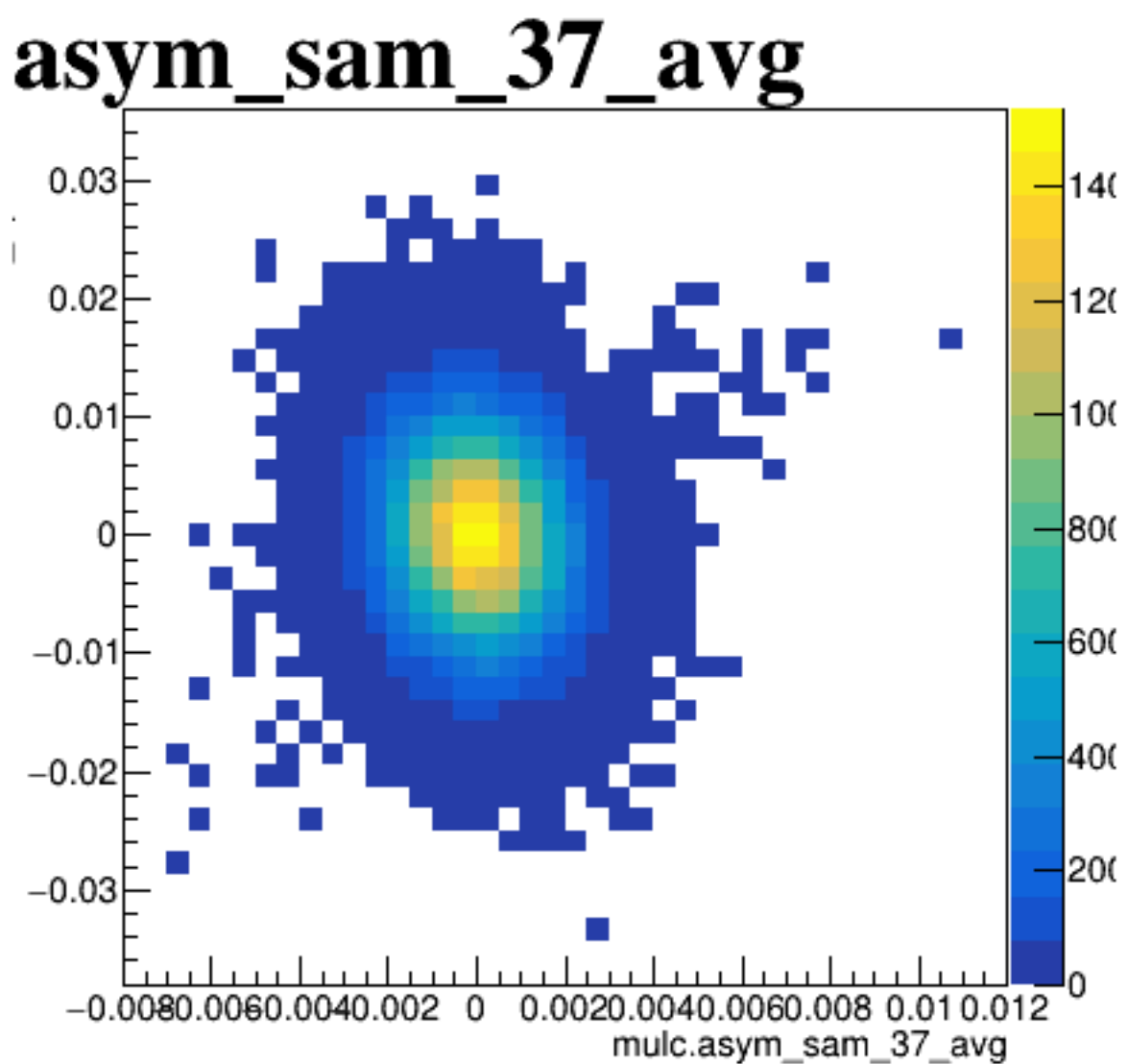
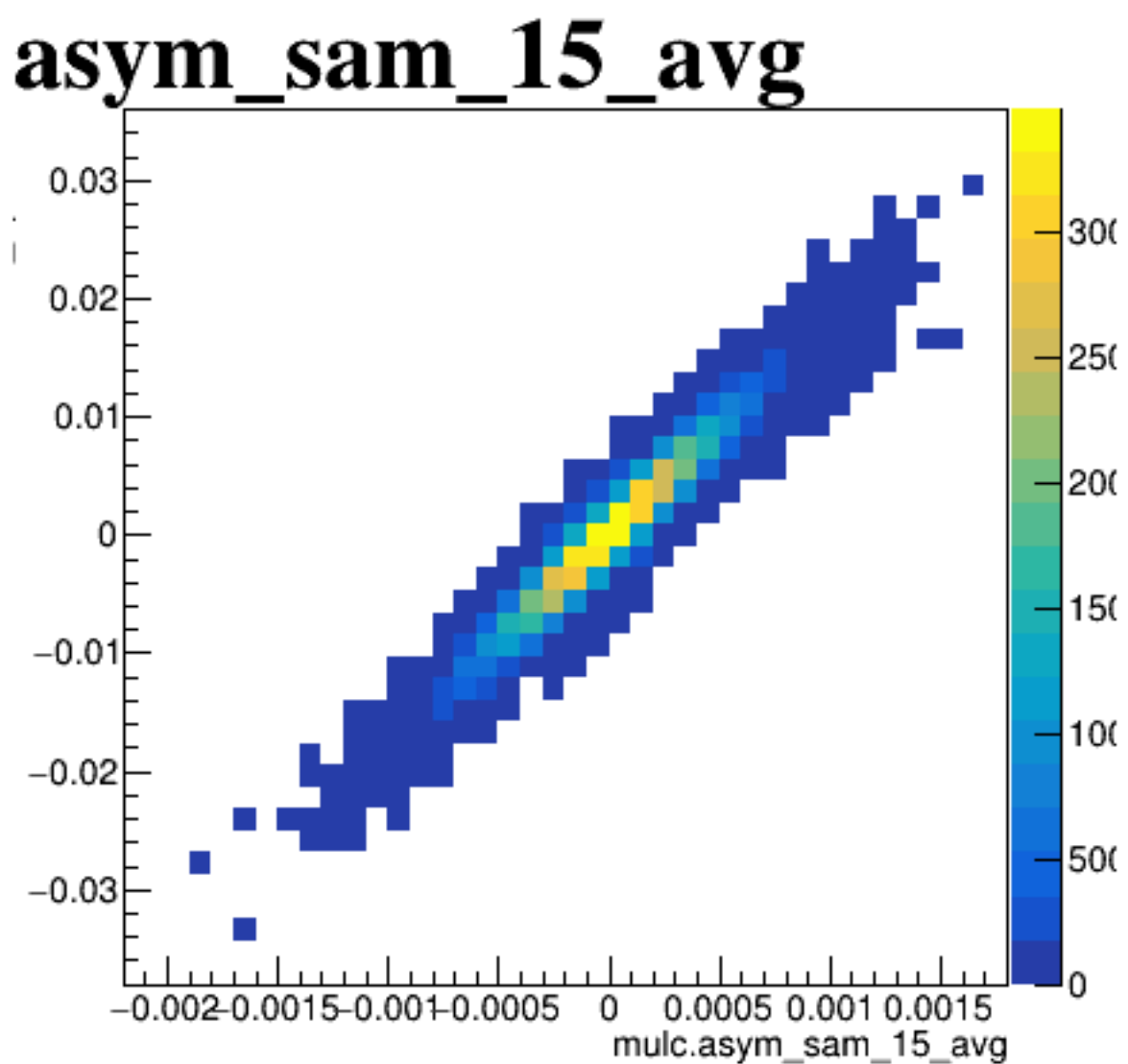
diff_bpm4aY



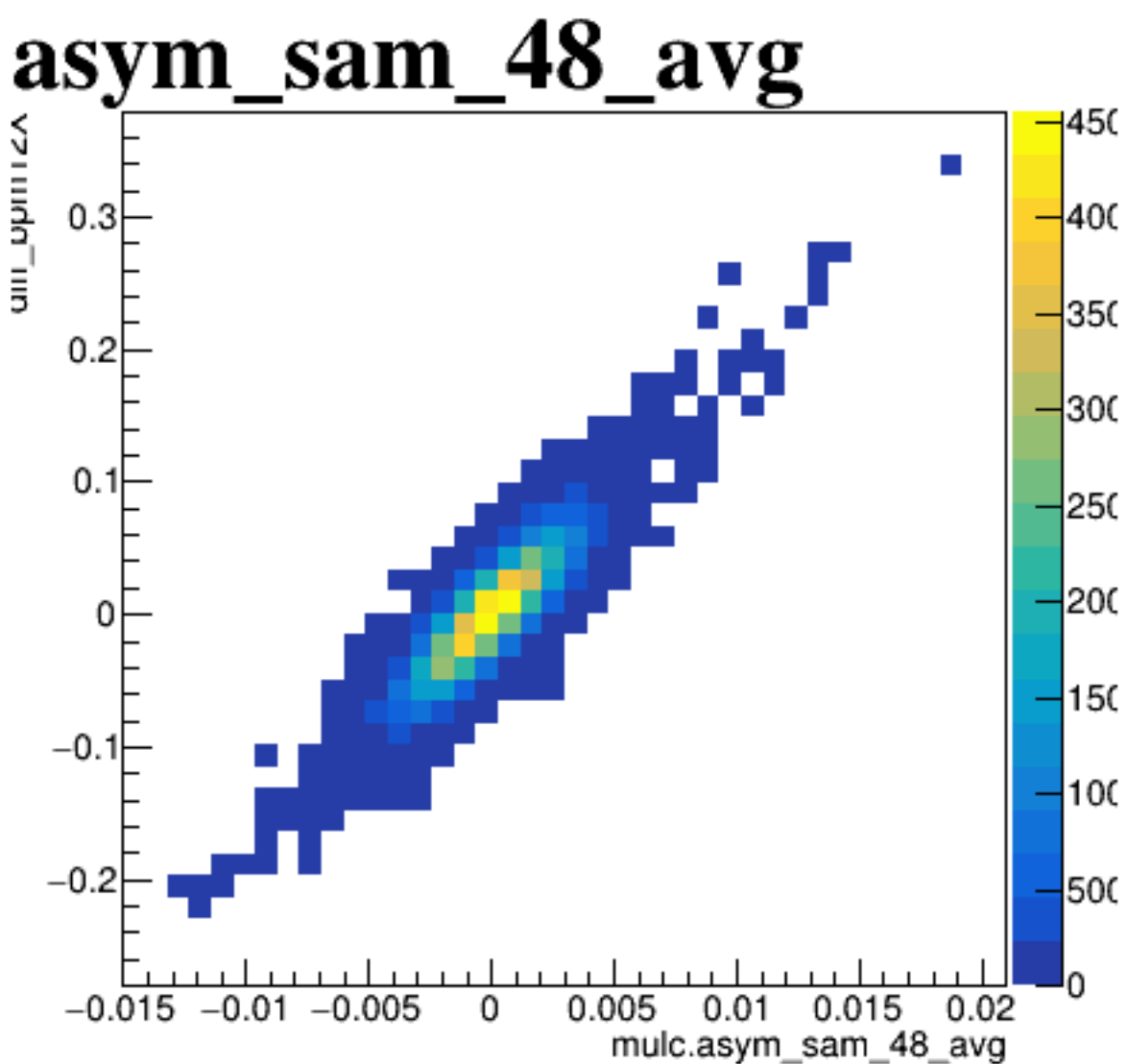
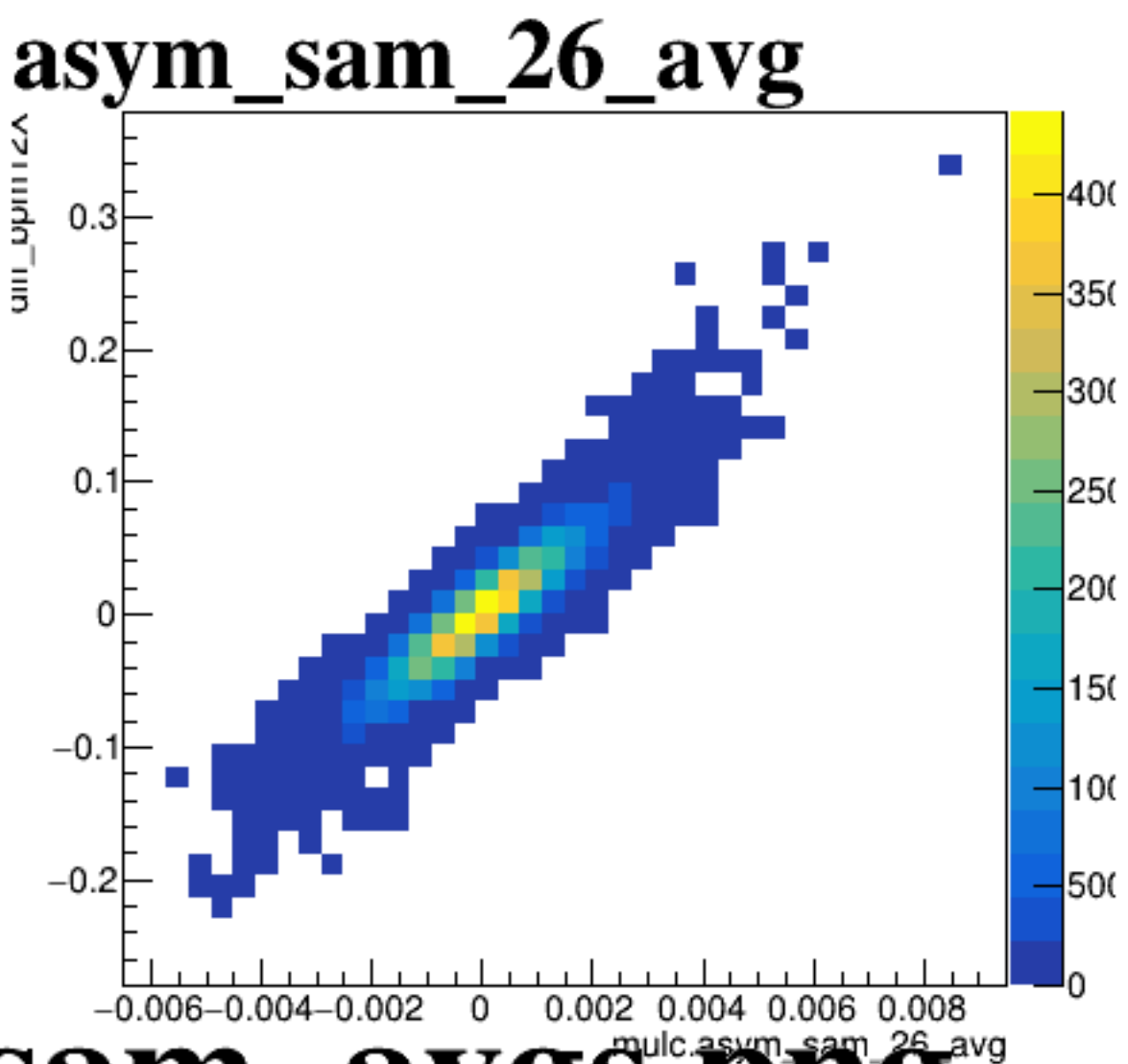
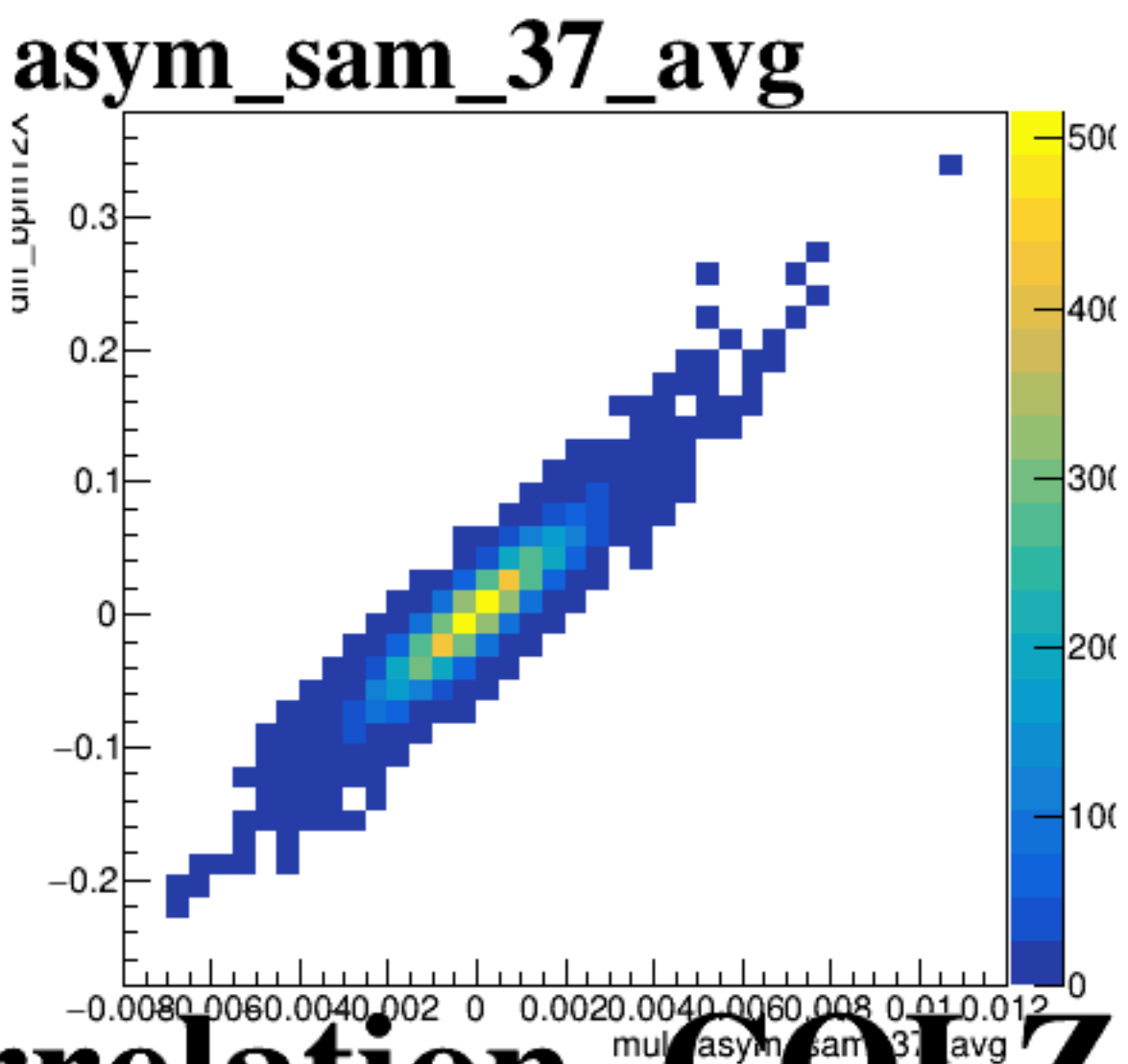
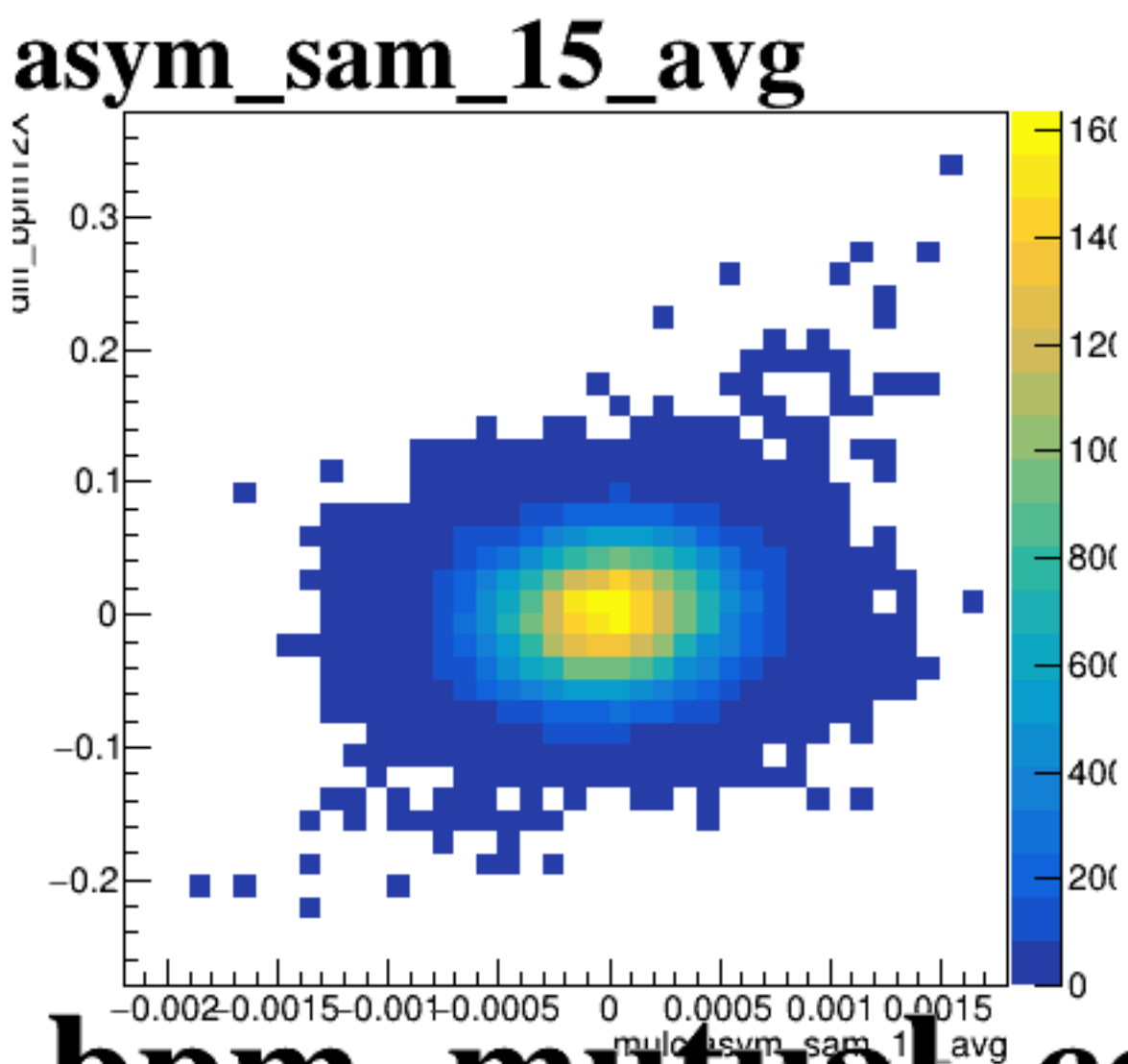
diff_bpm4eX



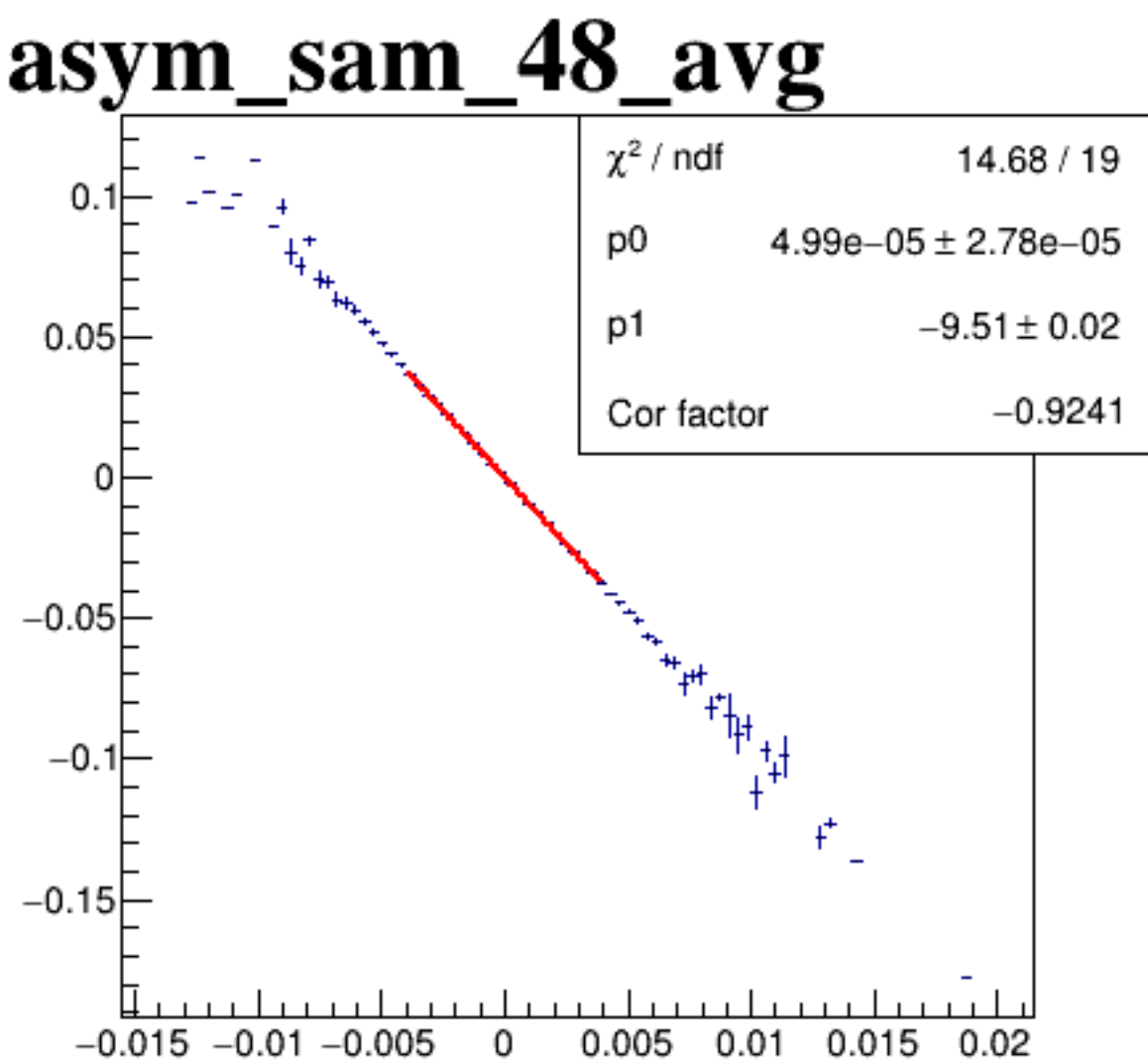
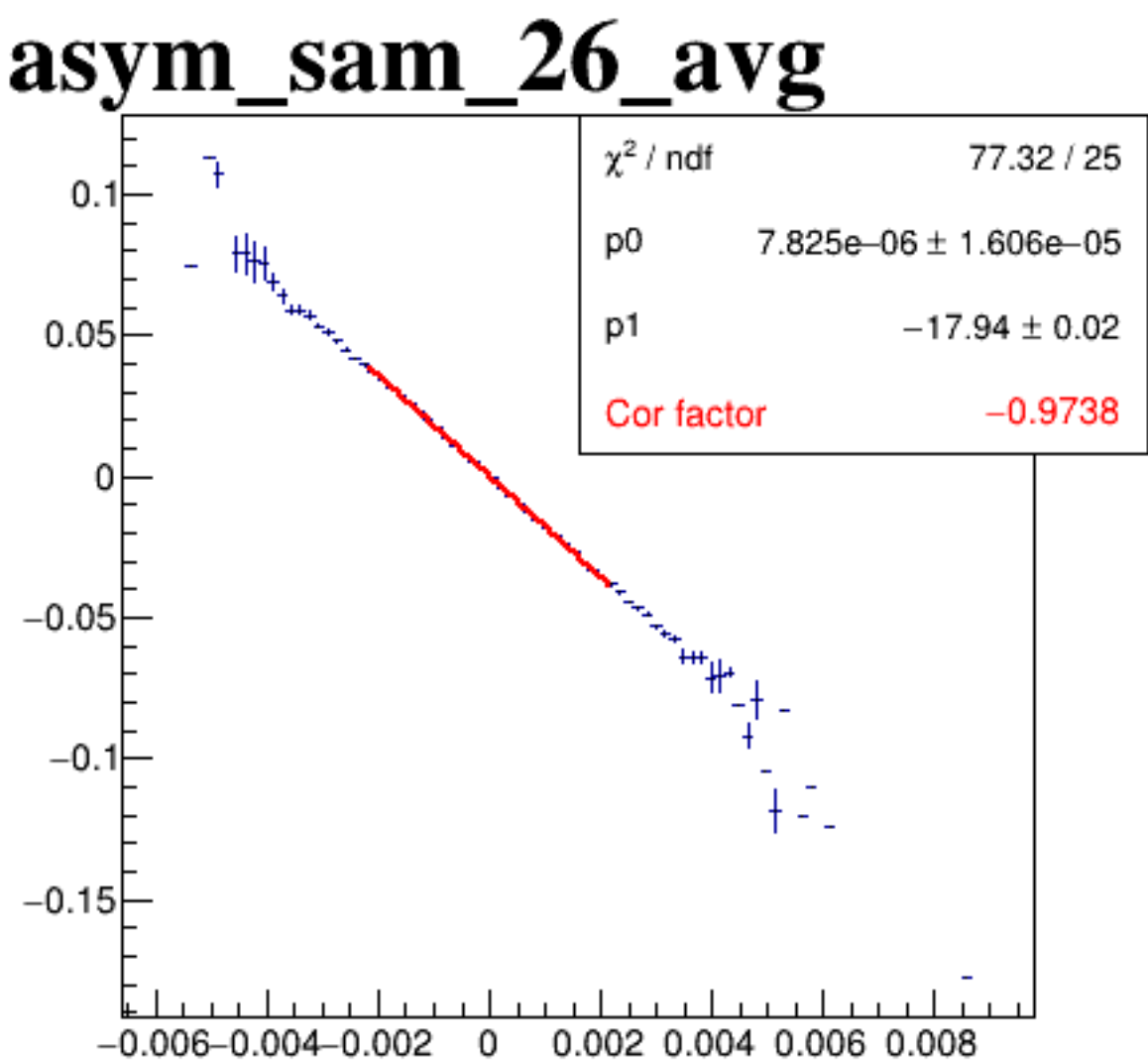
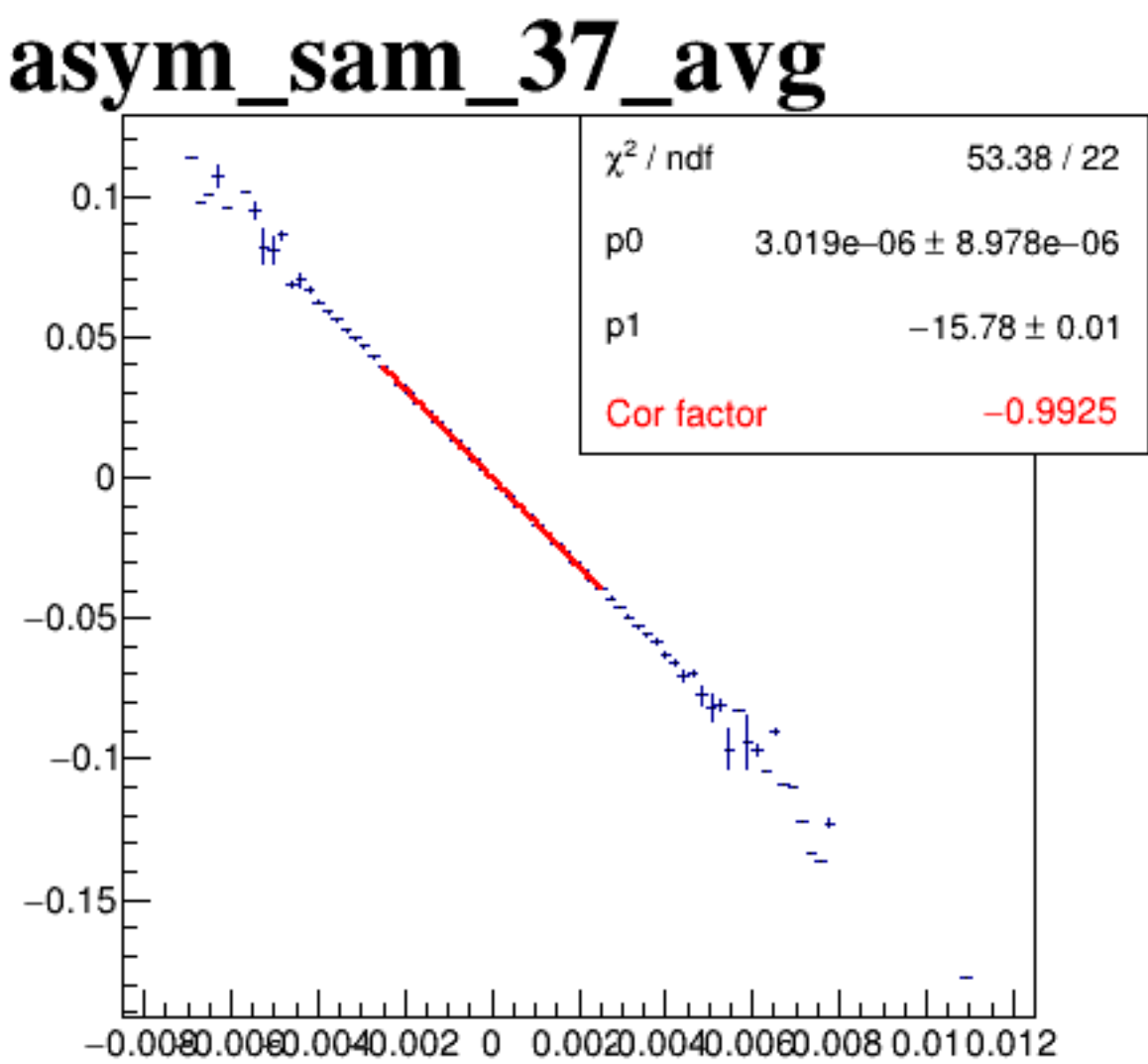
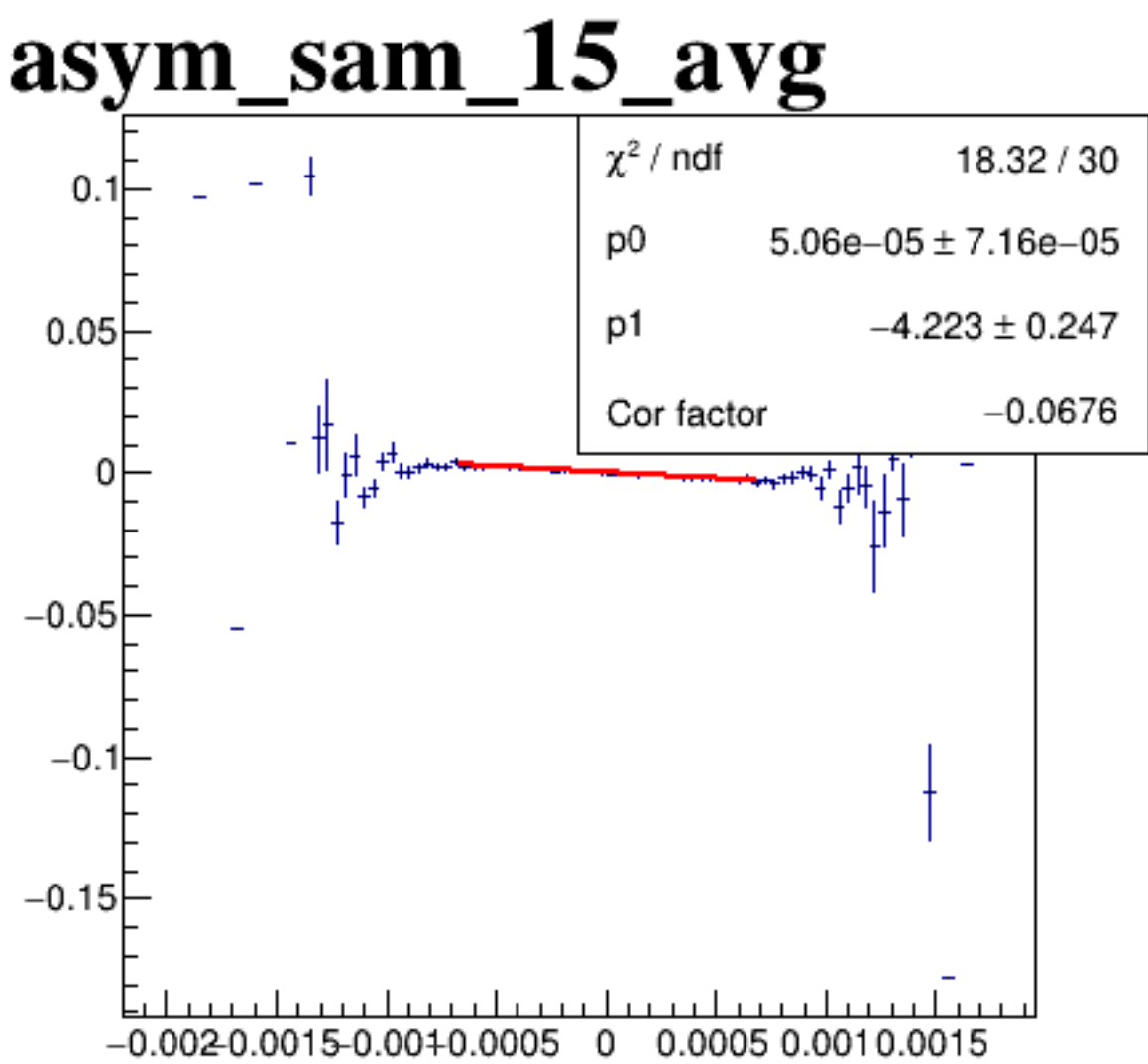
diff_bpm4eY



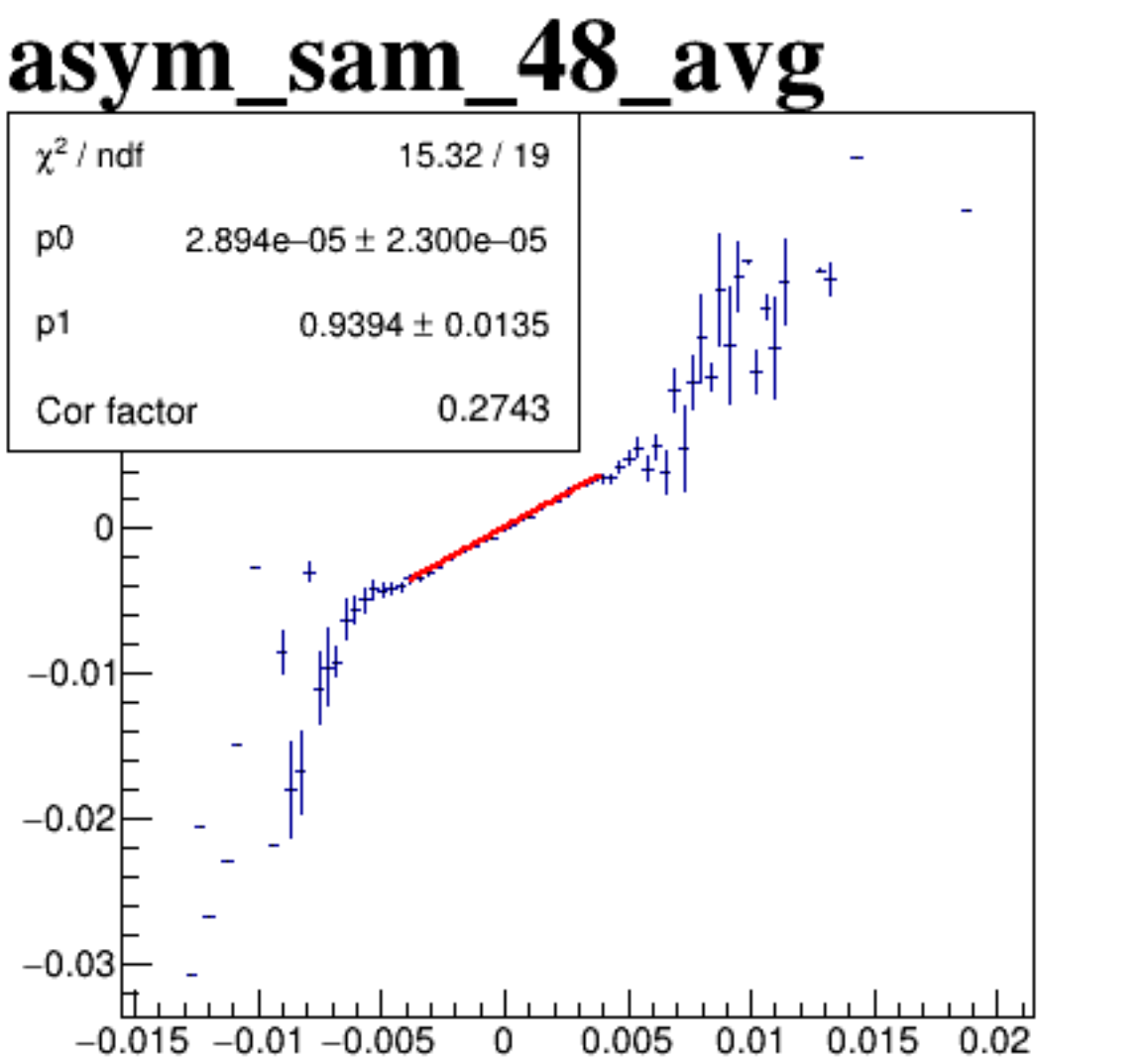
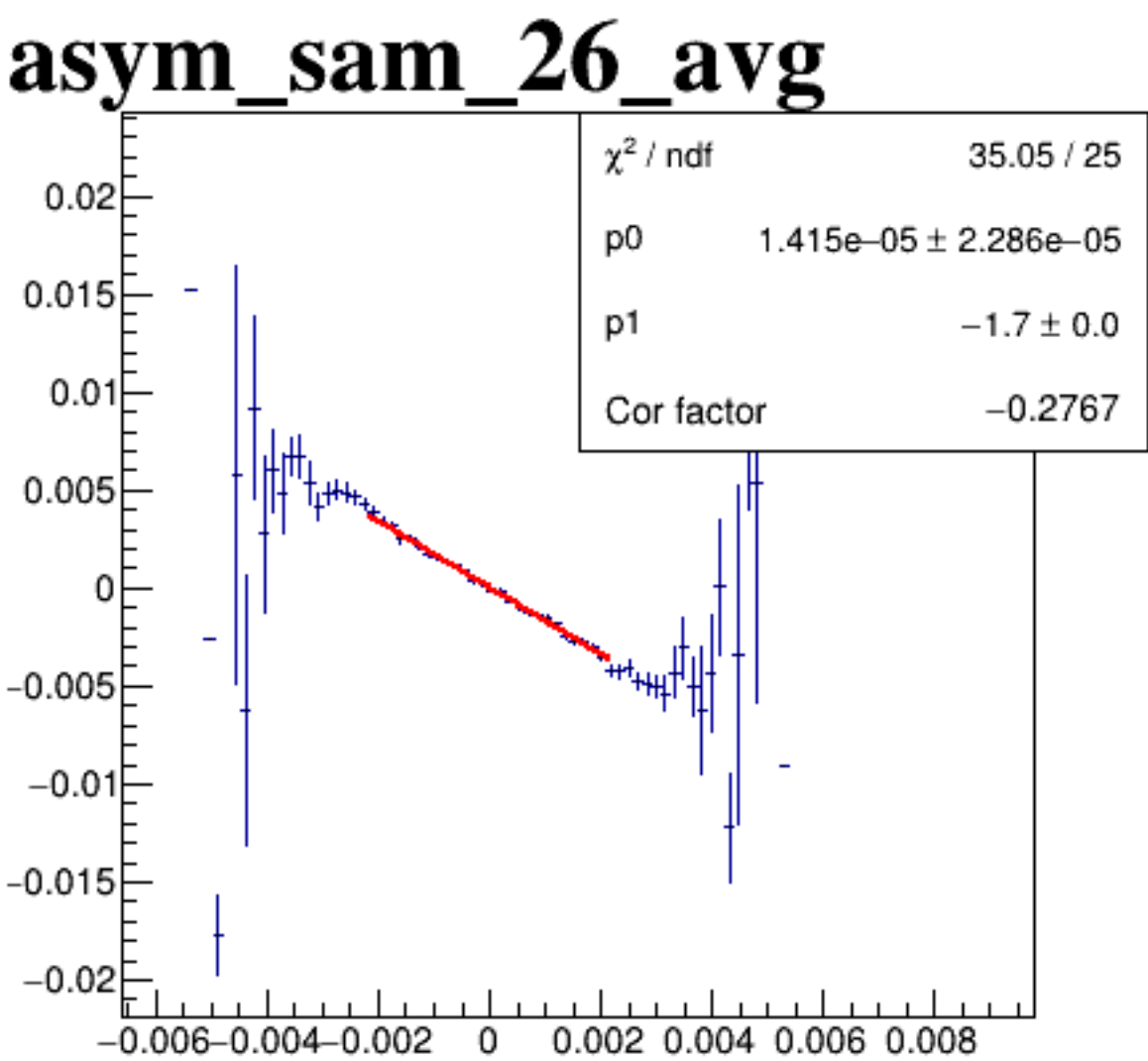
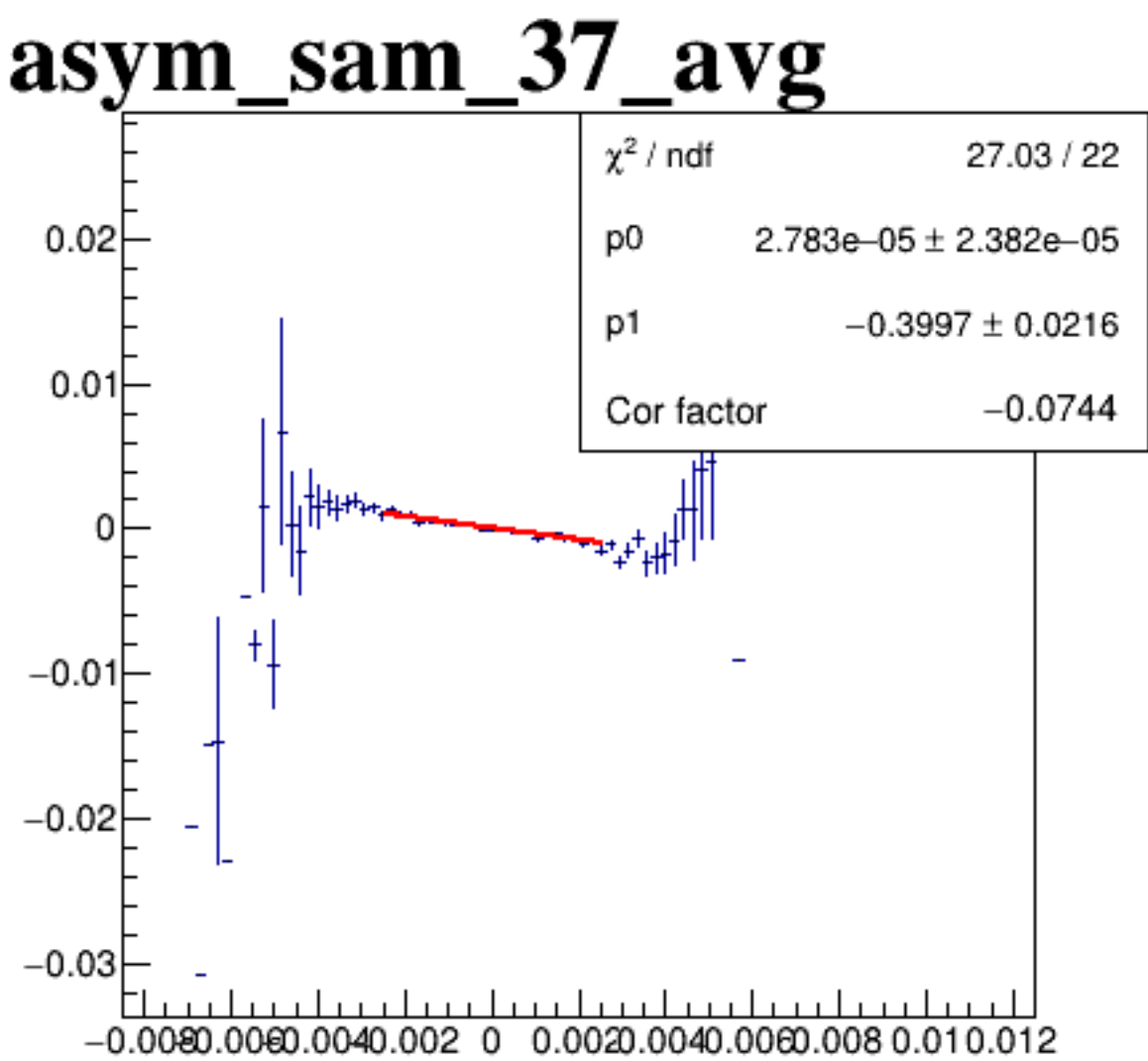
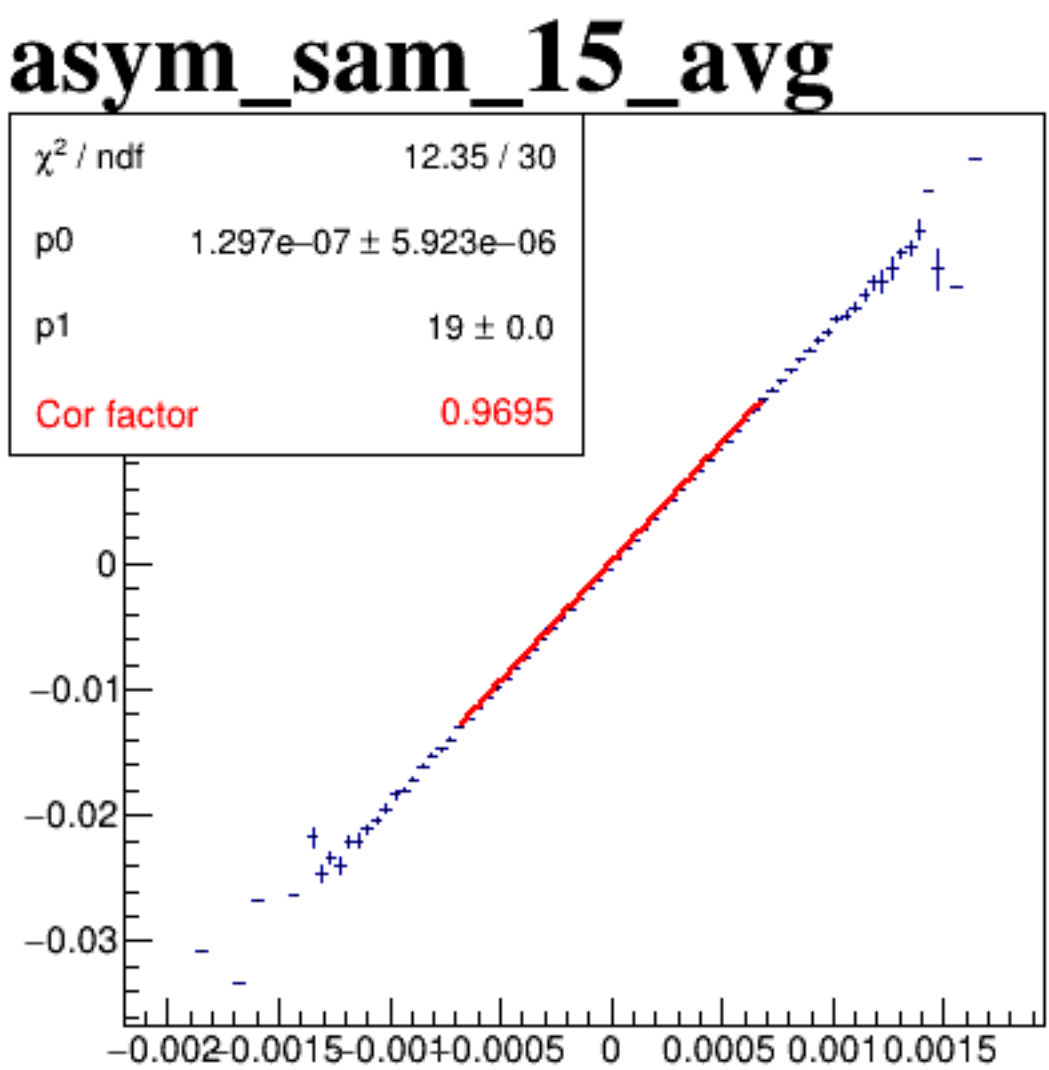
diff_bpm12X



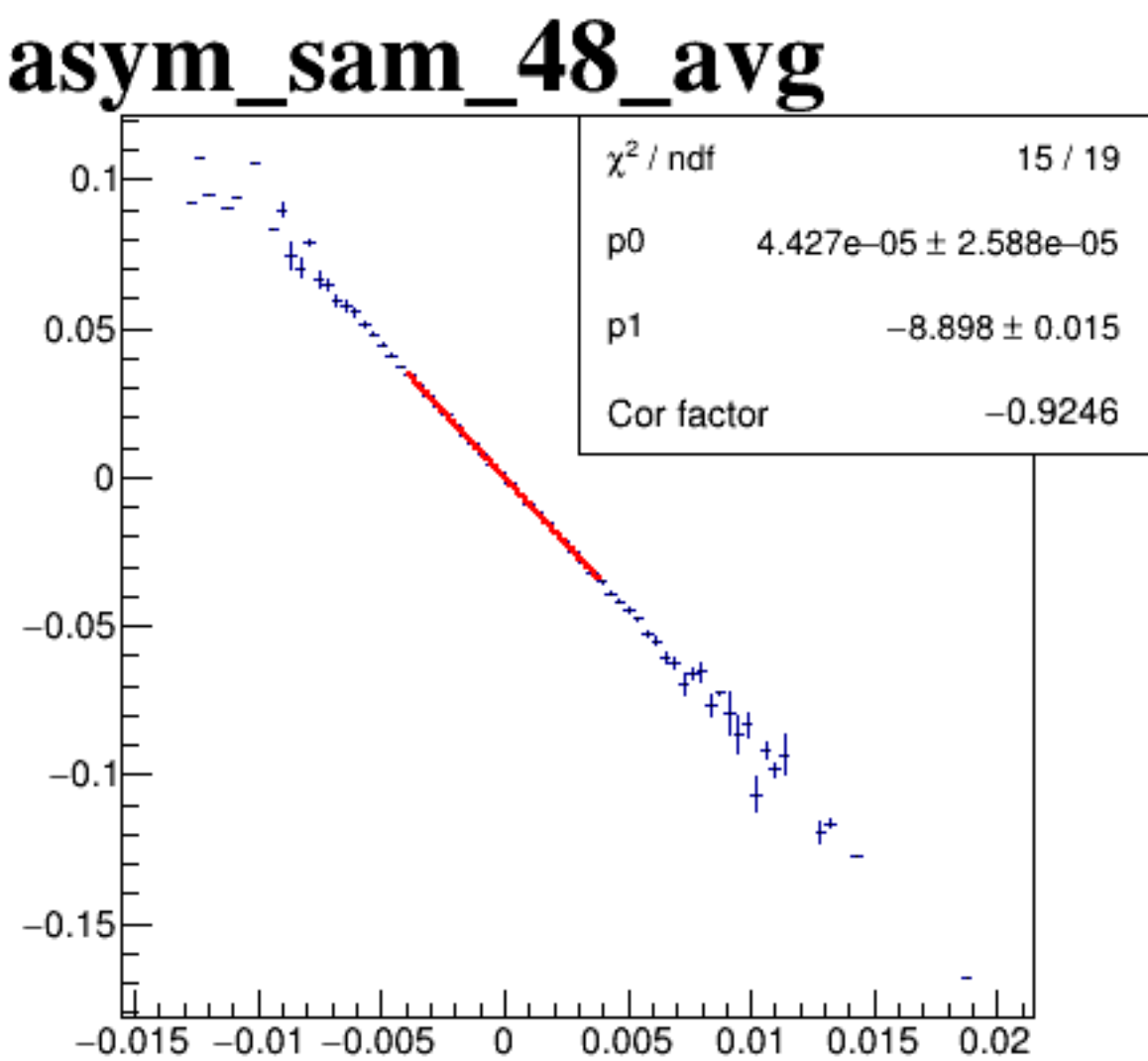
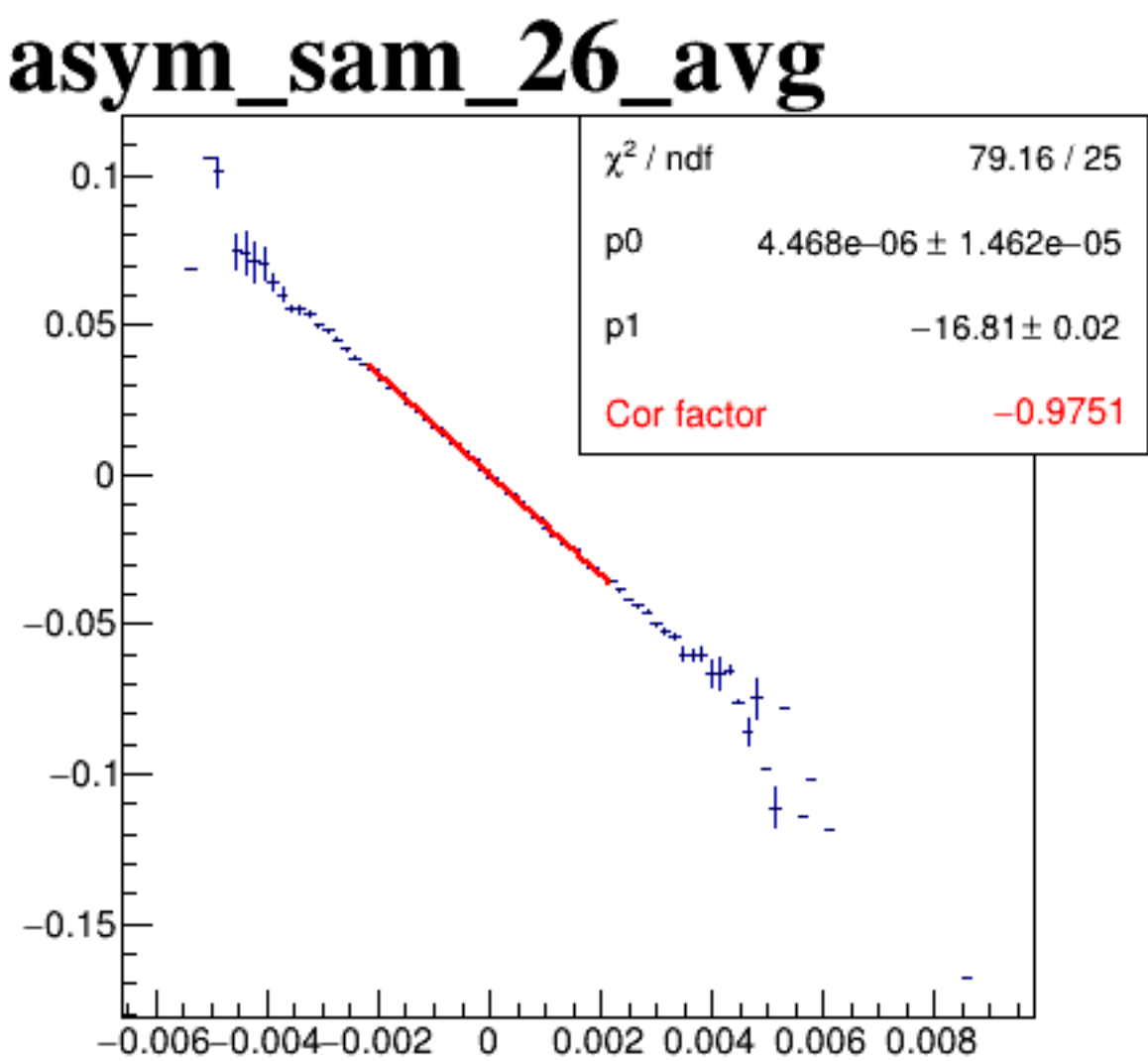
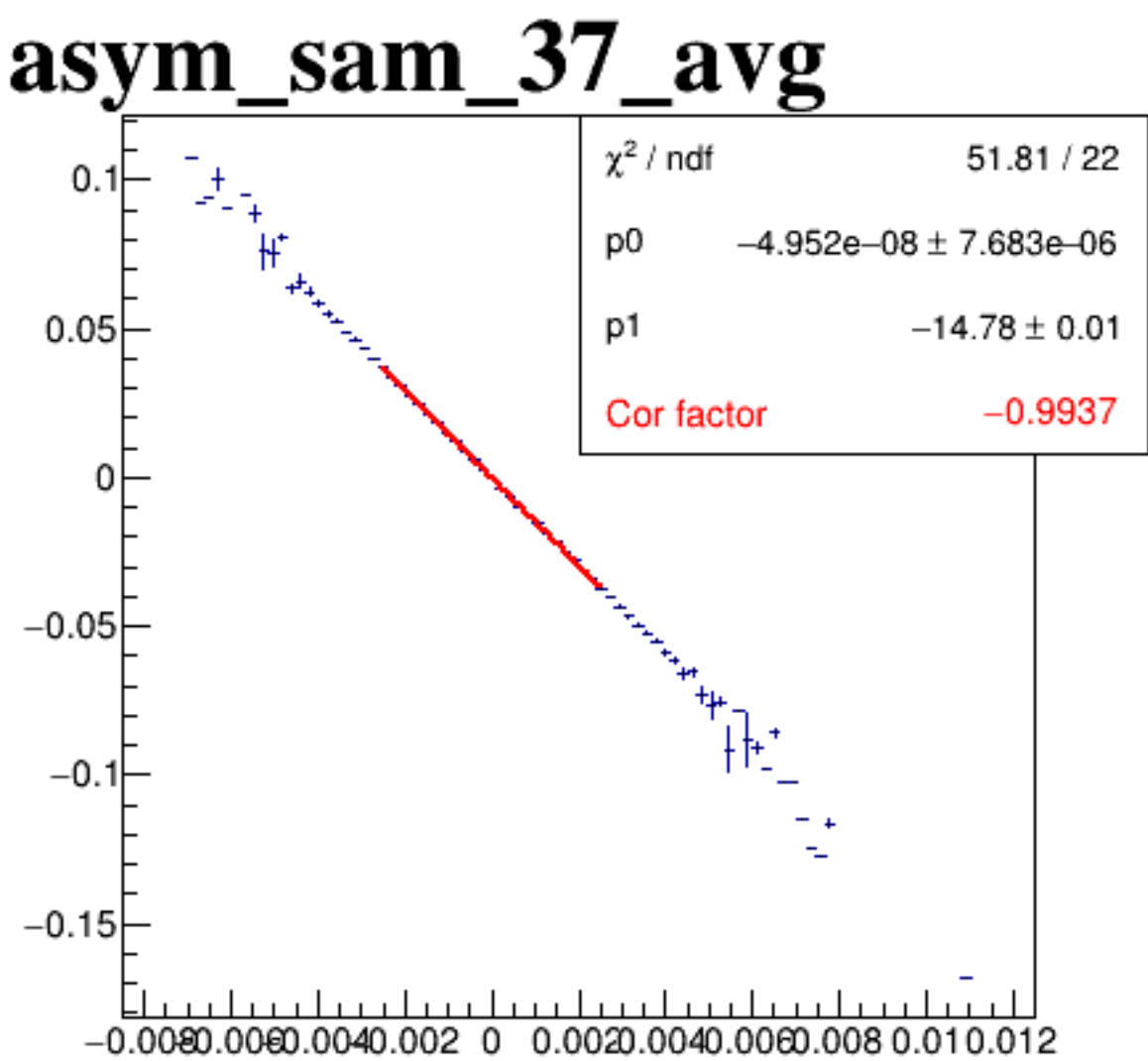
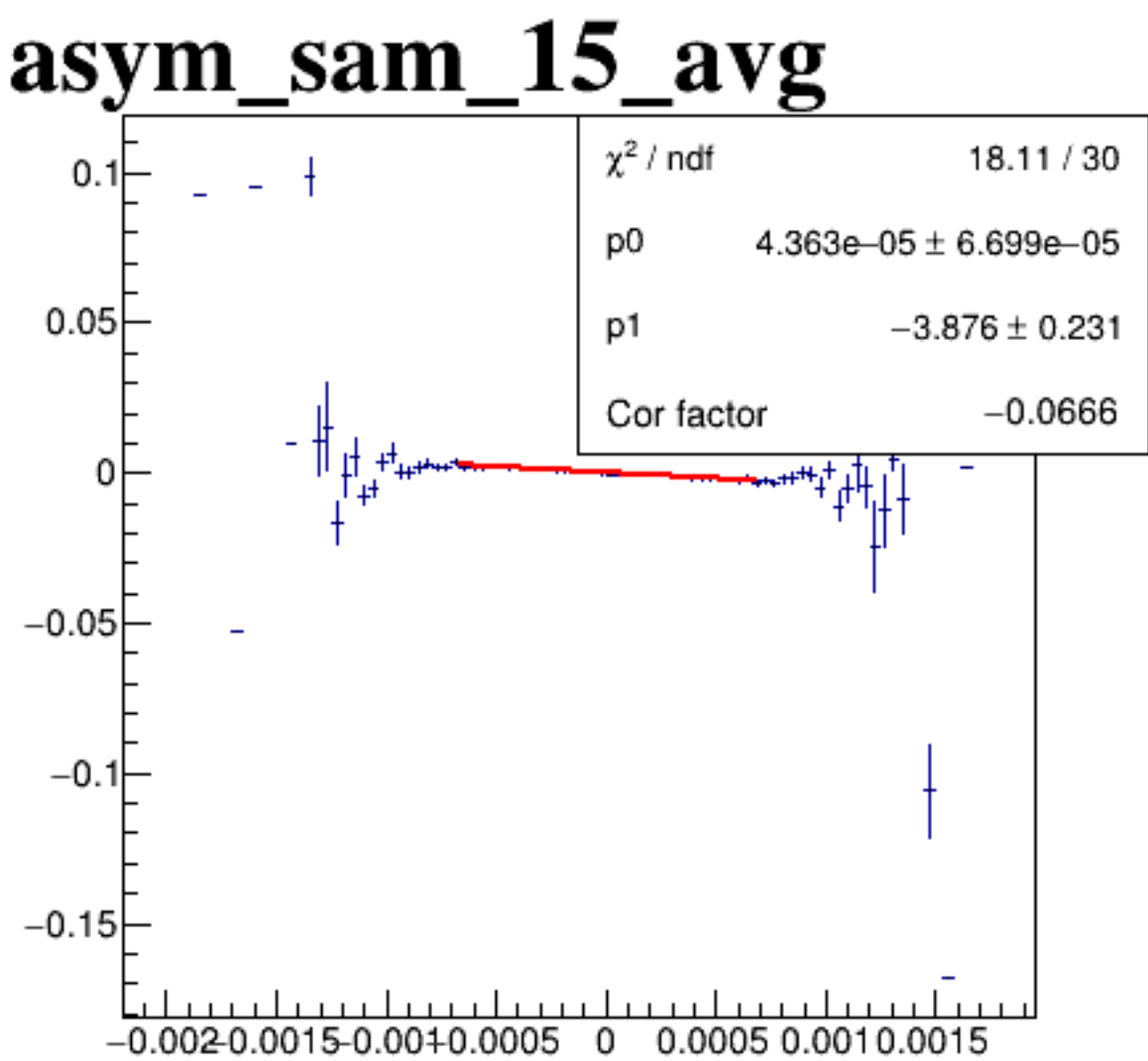
diff_bpm4aX



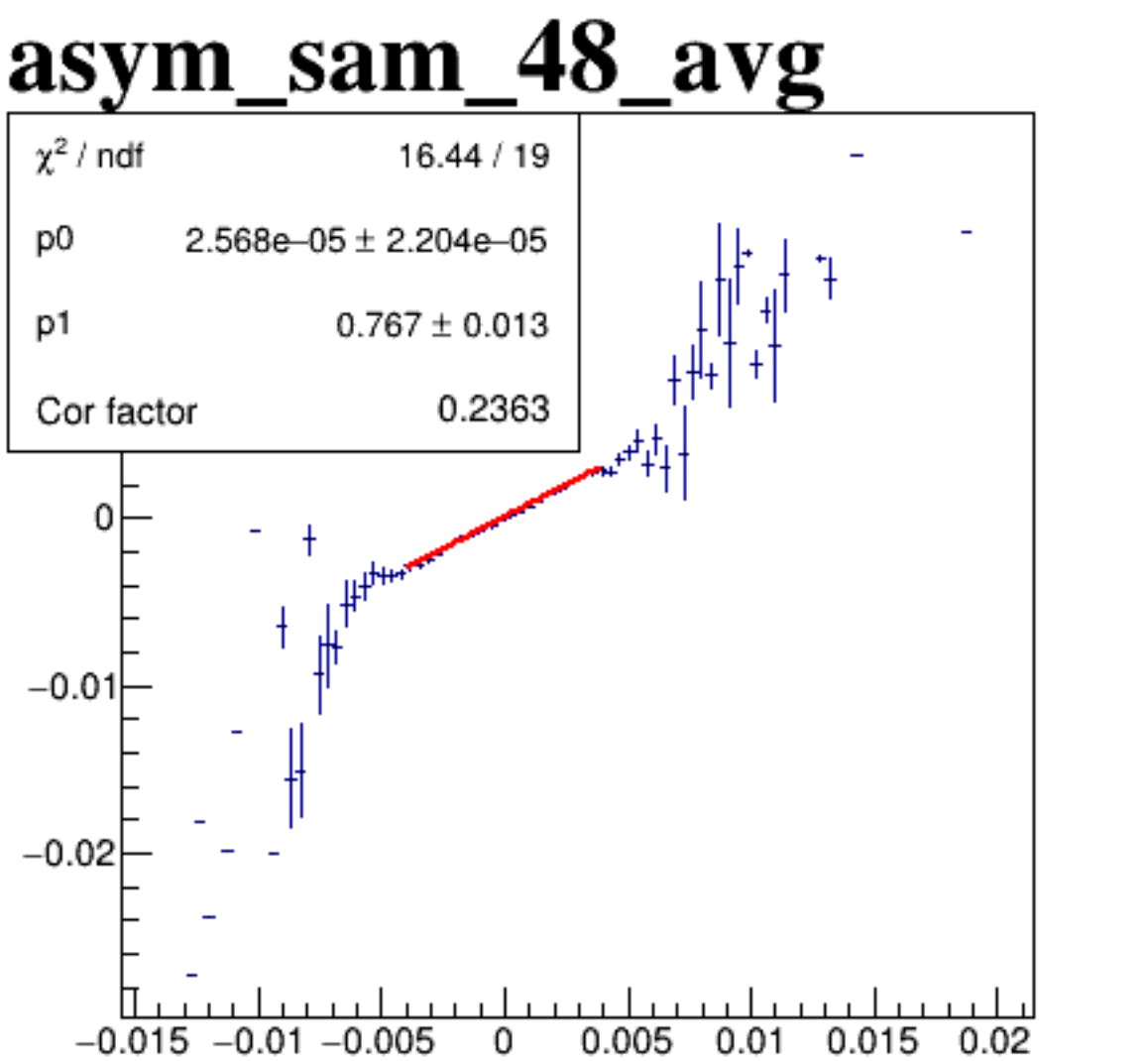
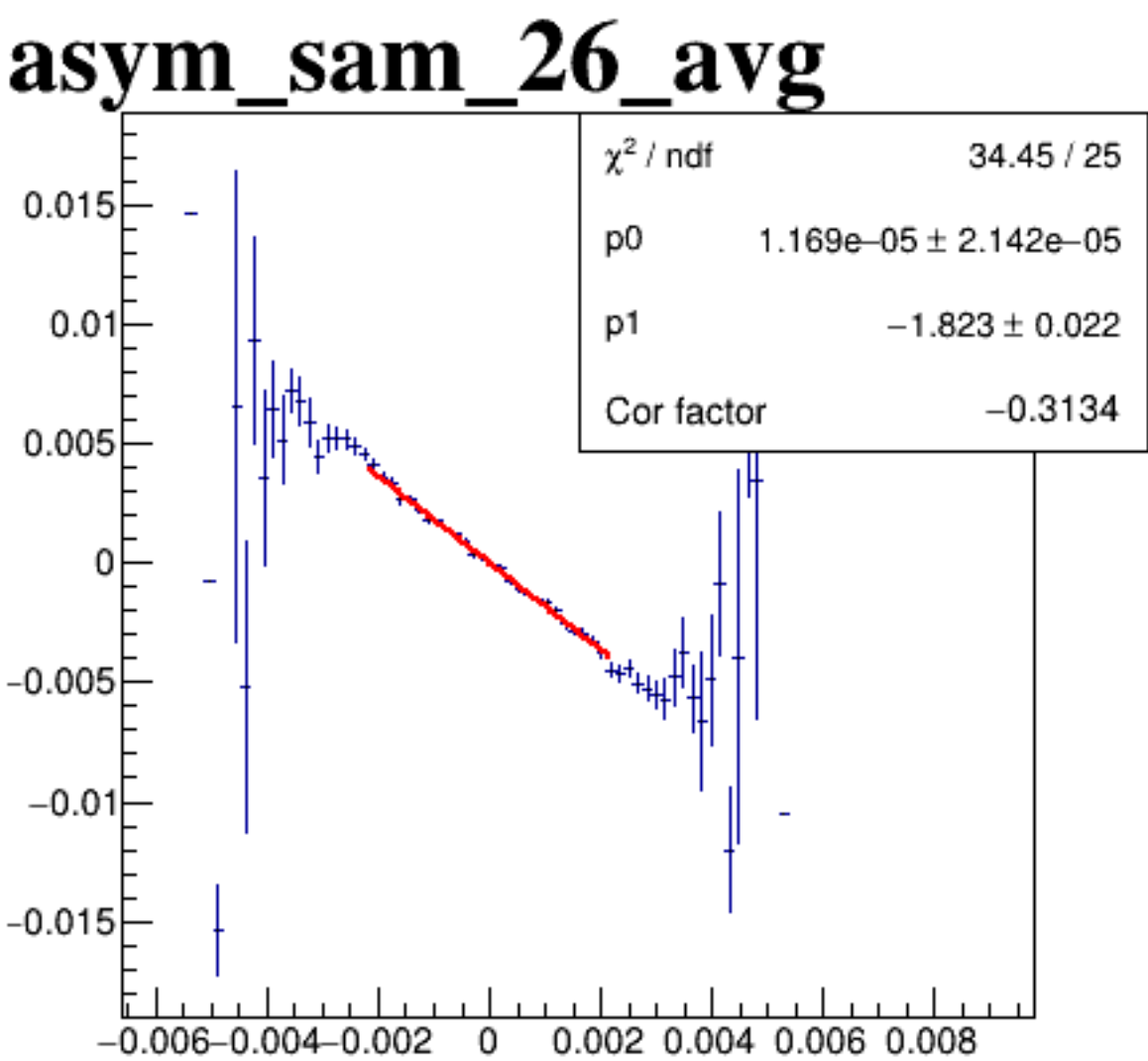
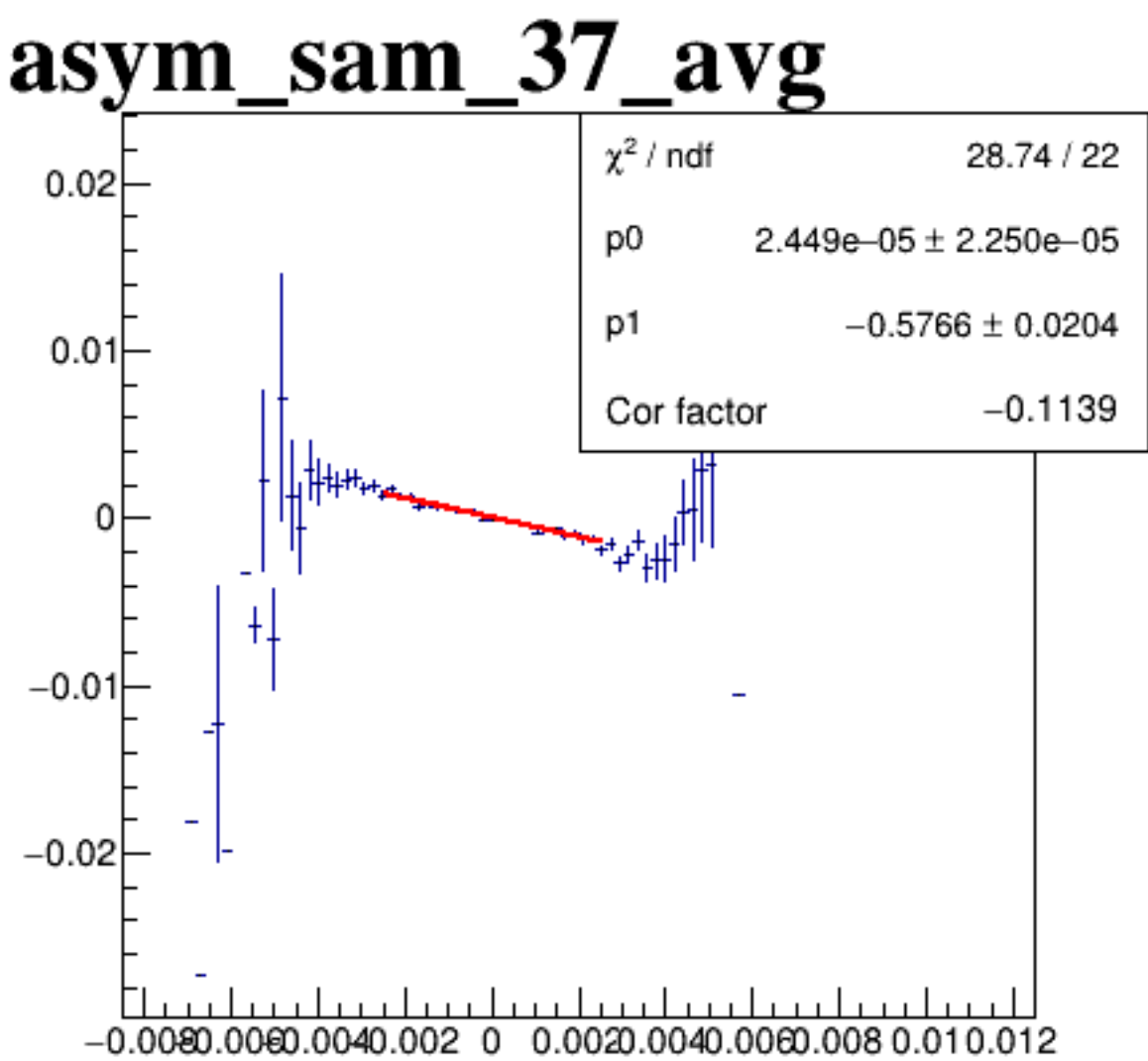
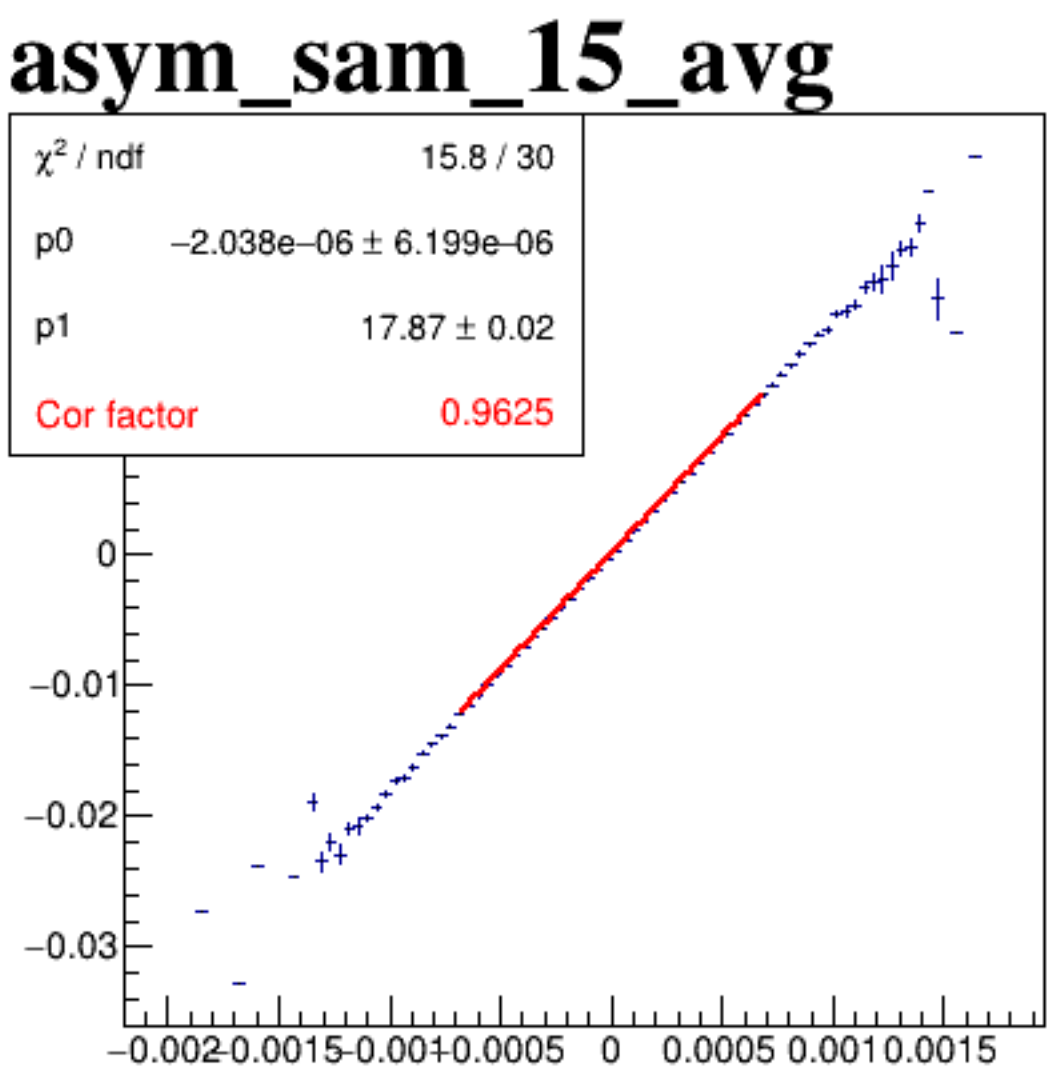
diff_bpm4aY



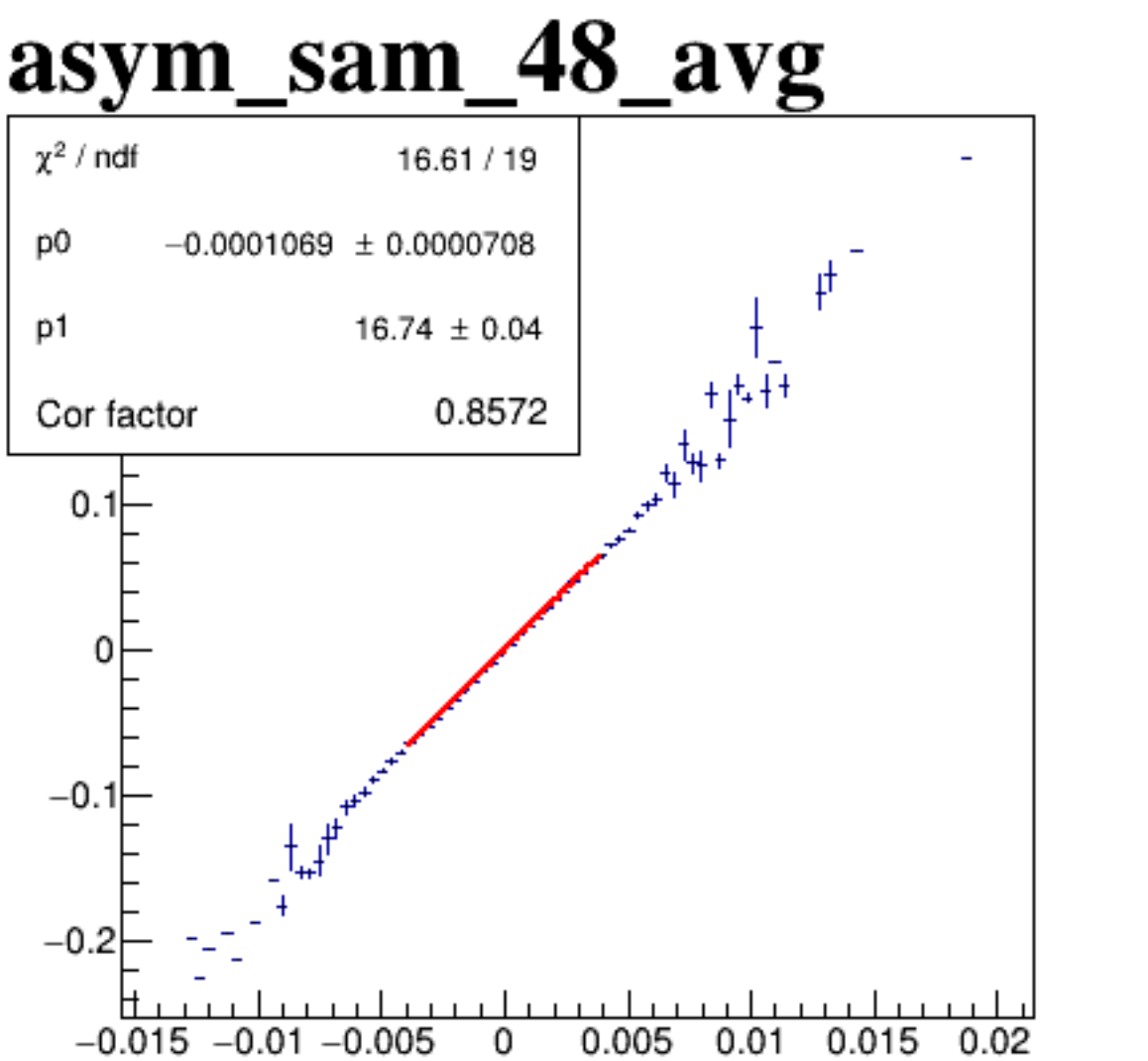
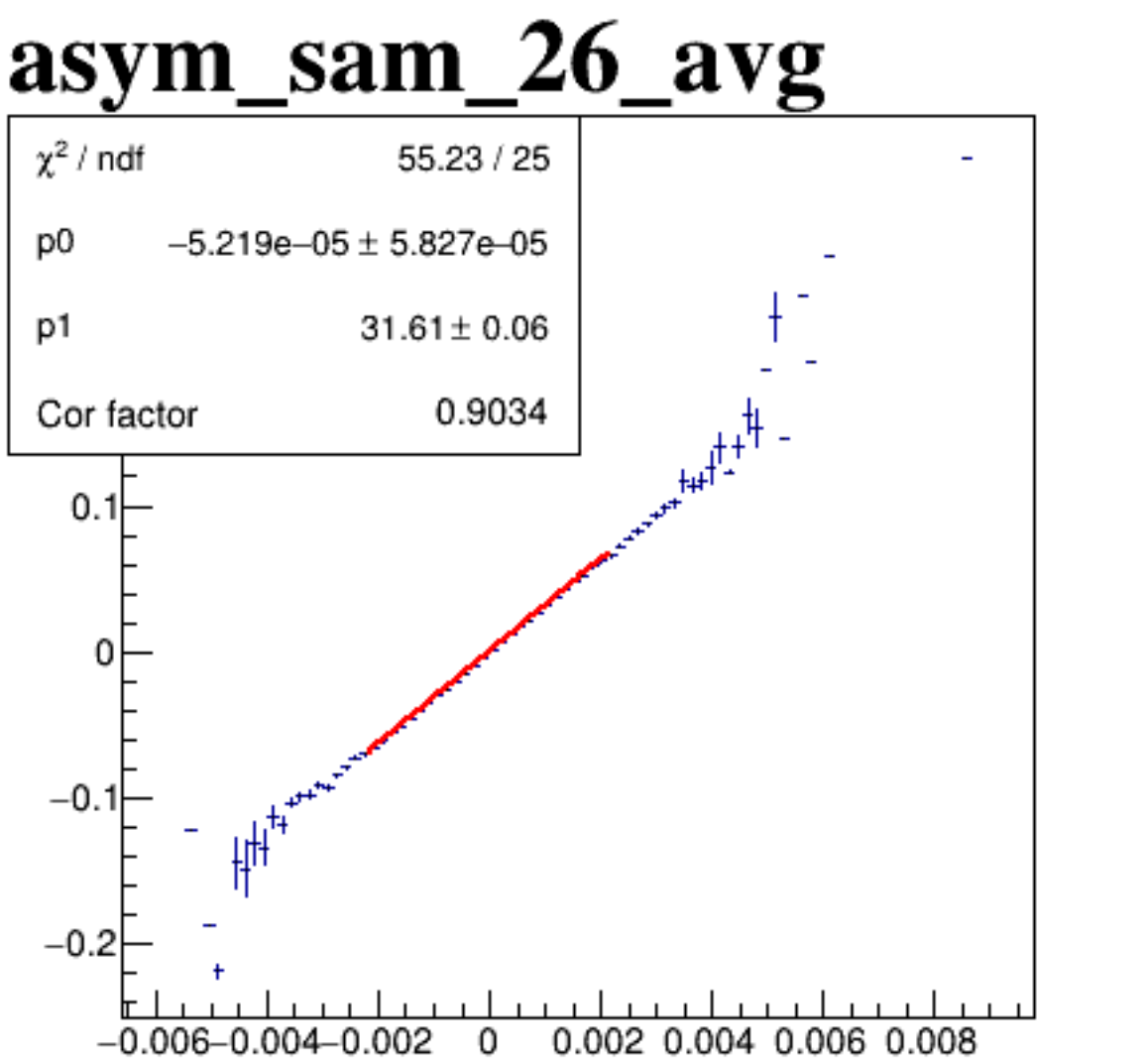
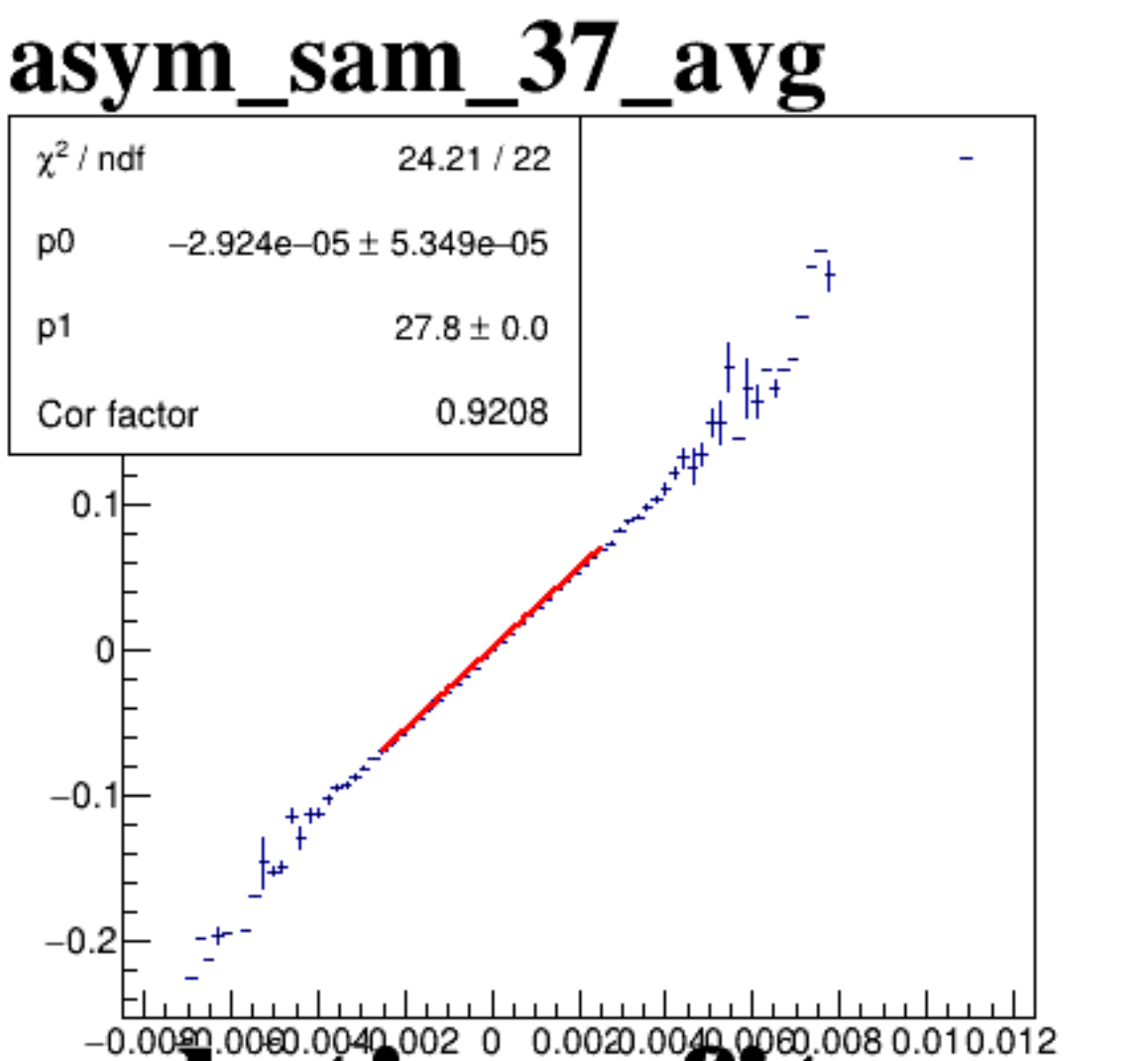
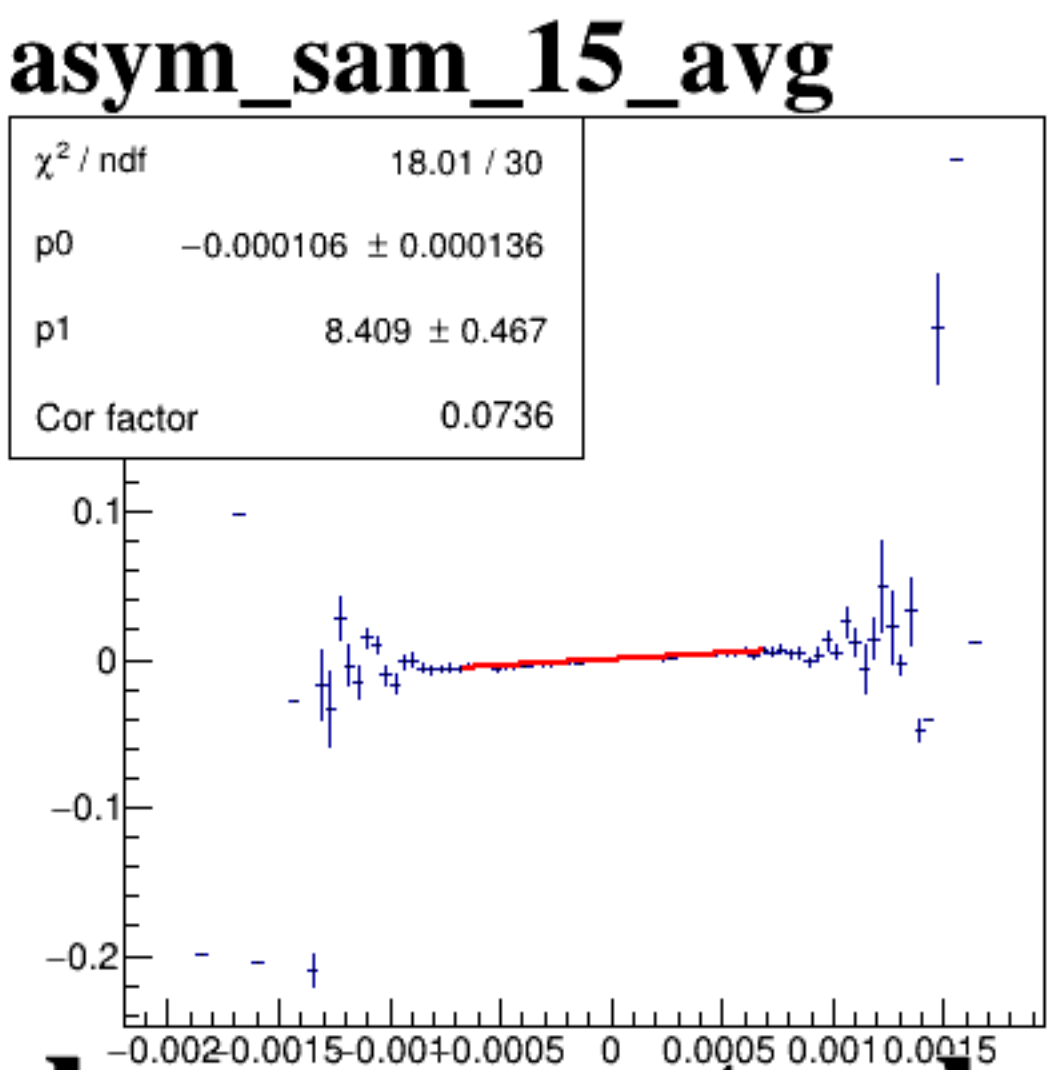
diff_bpm4eX



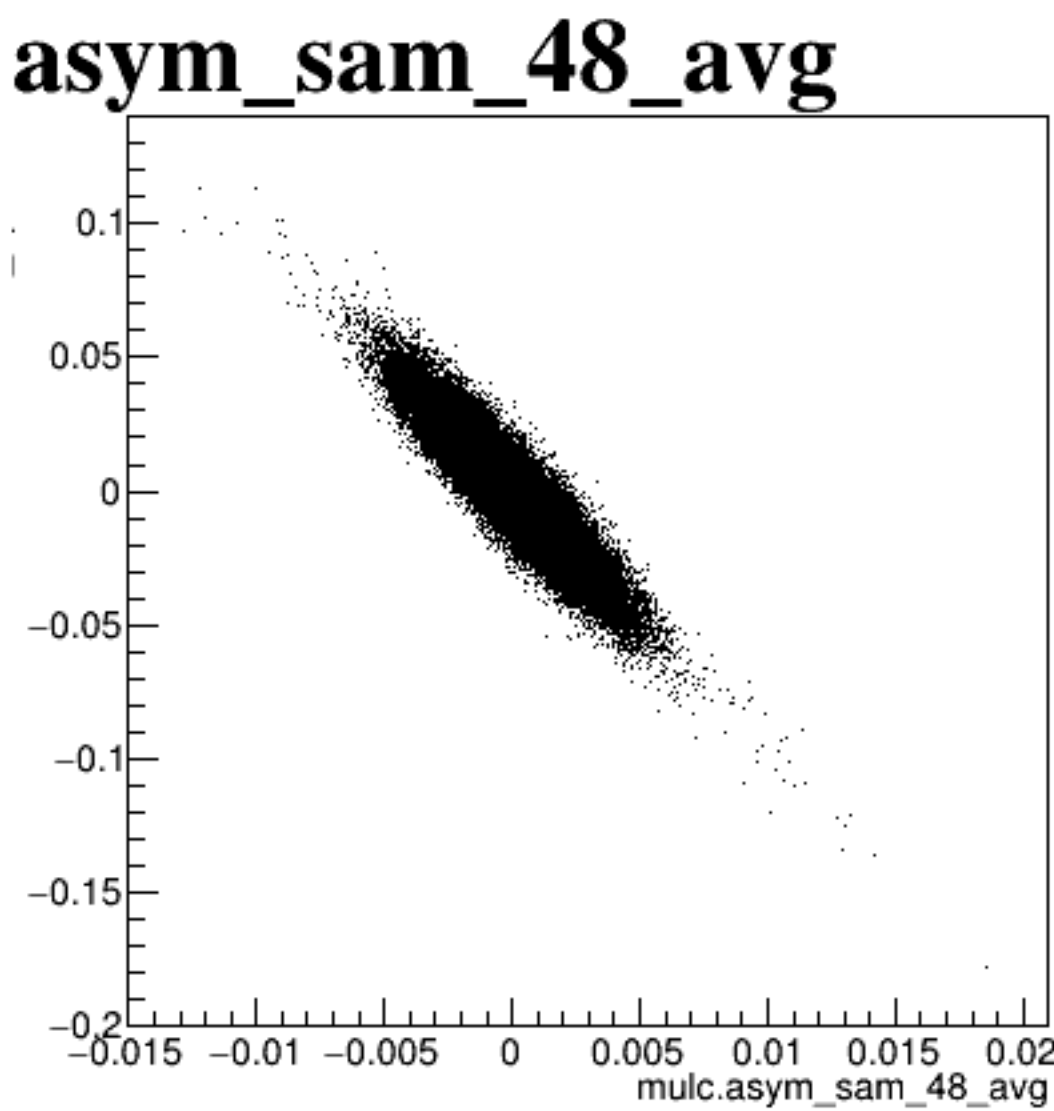
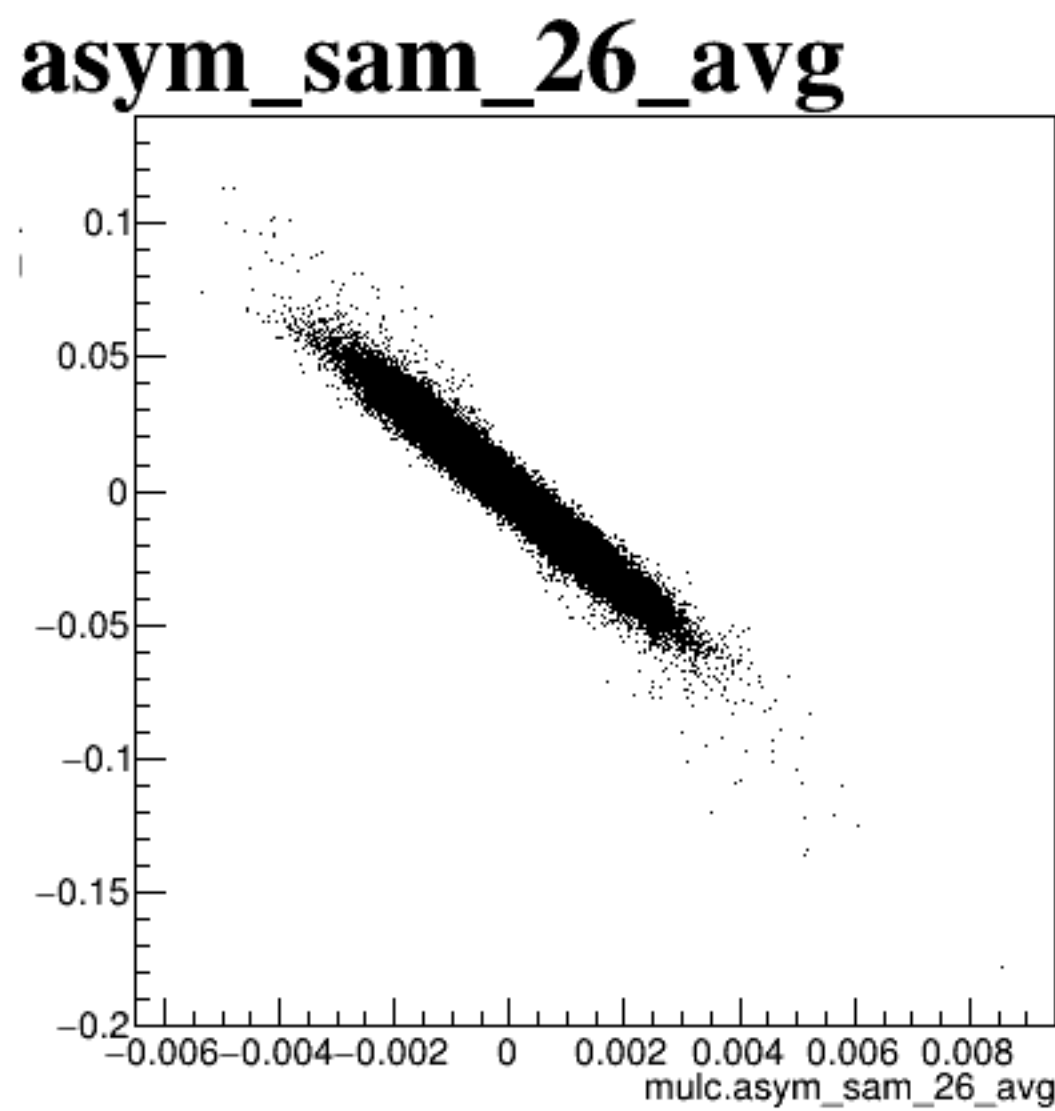
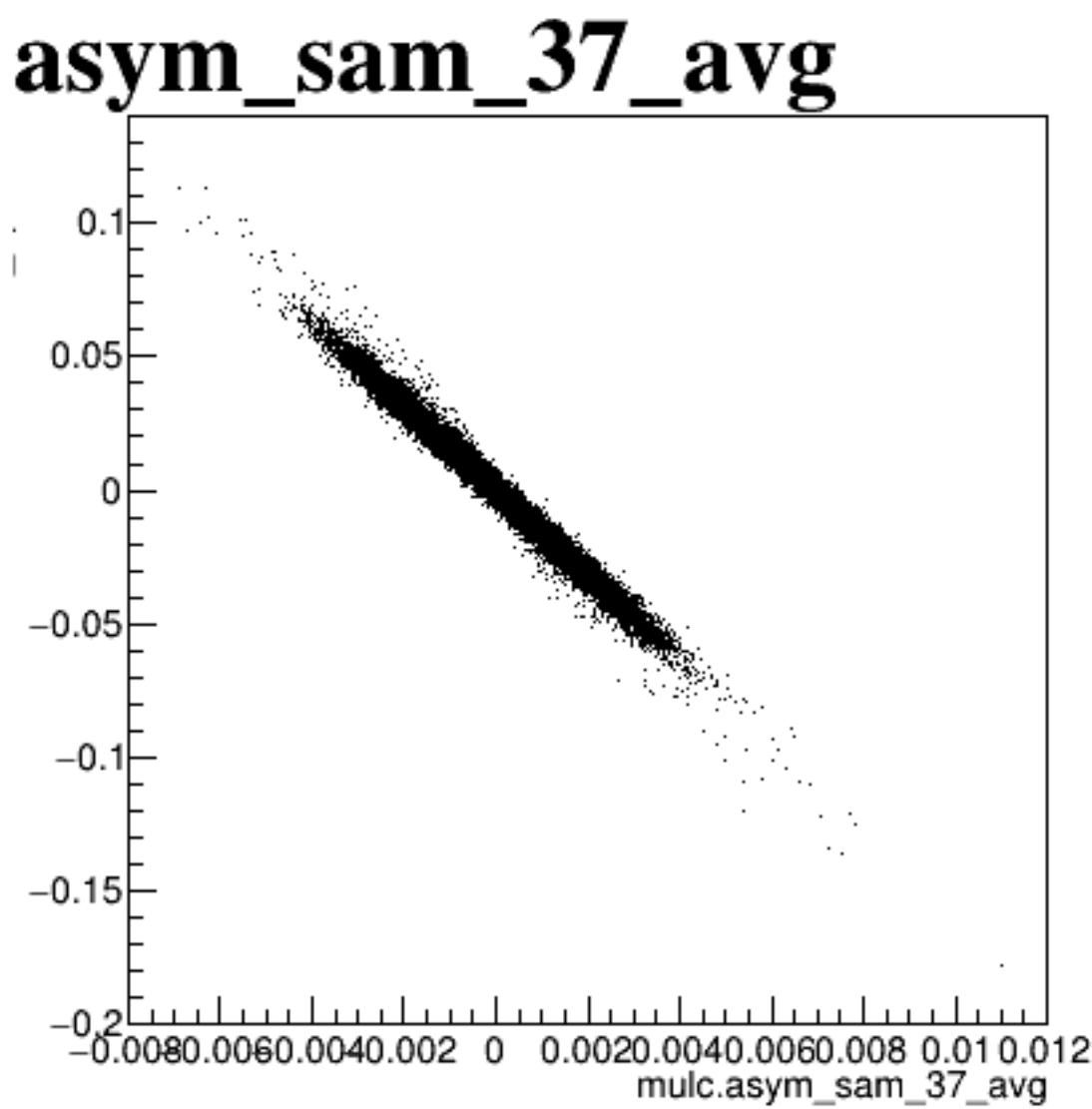
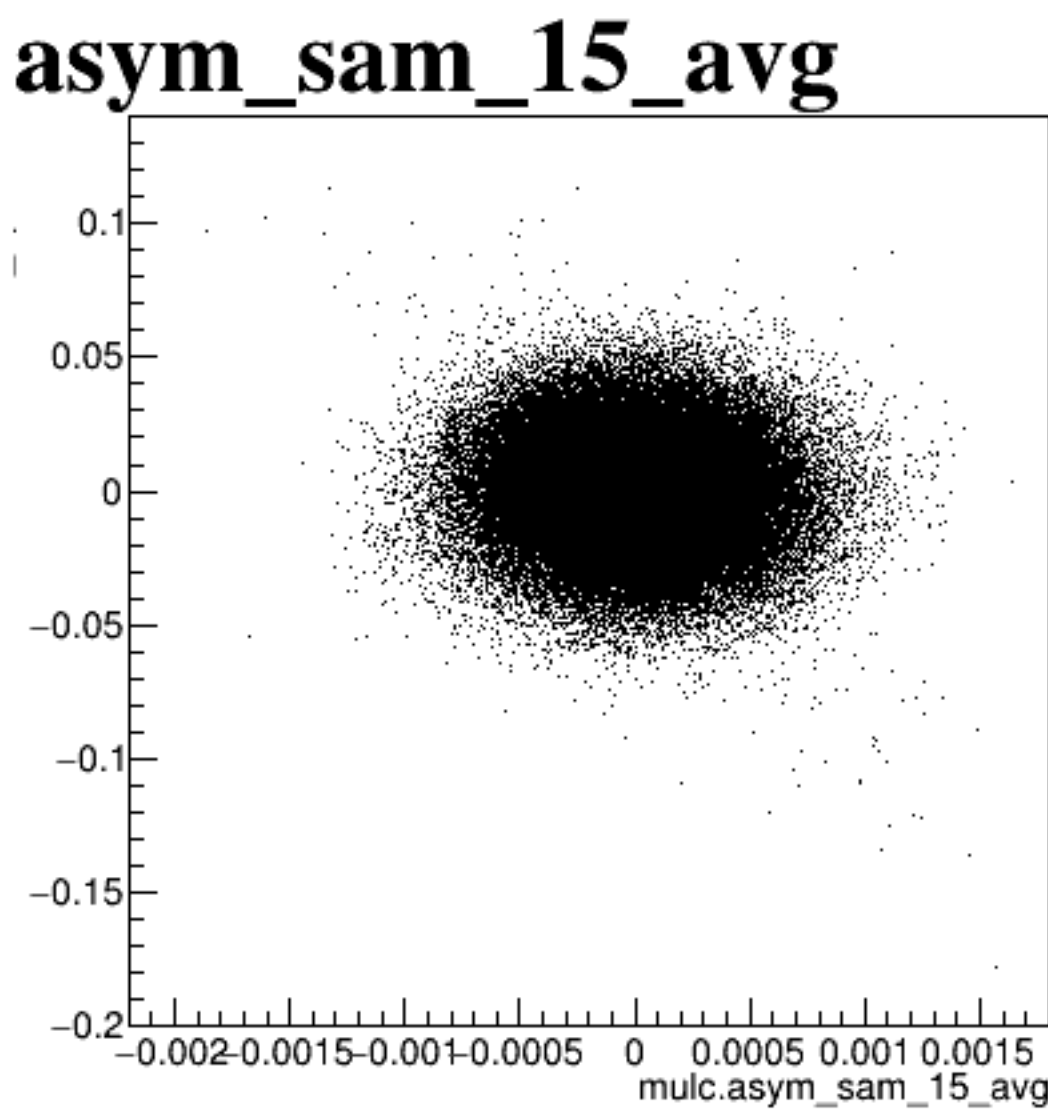
diff_bpm4eY



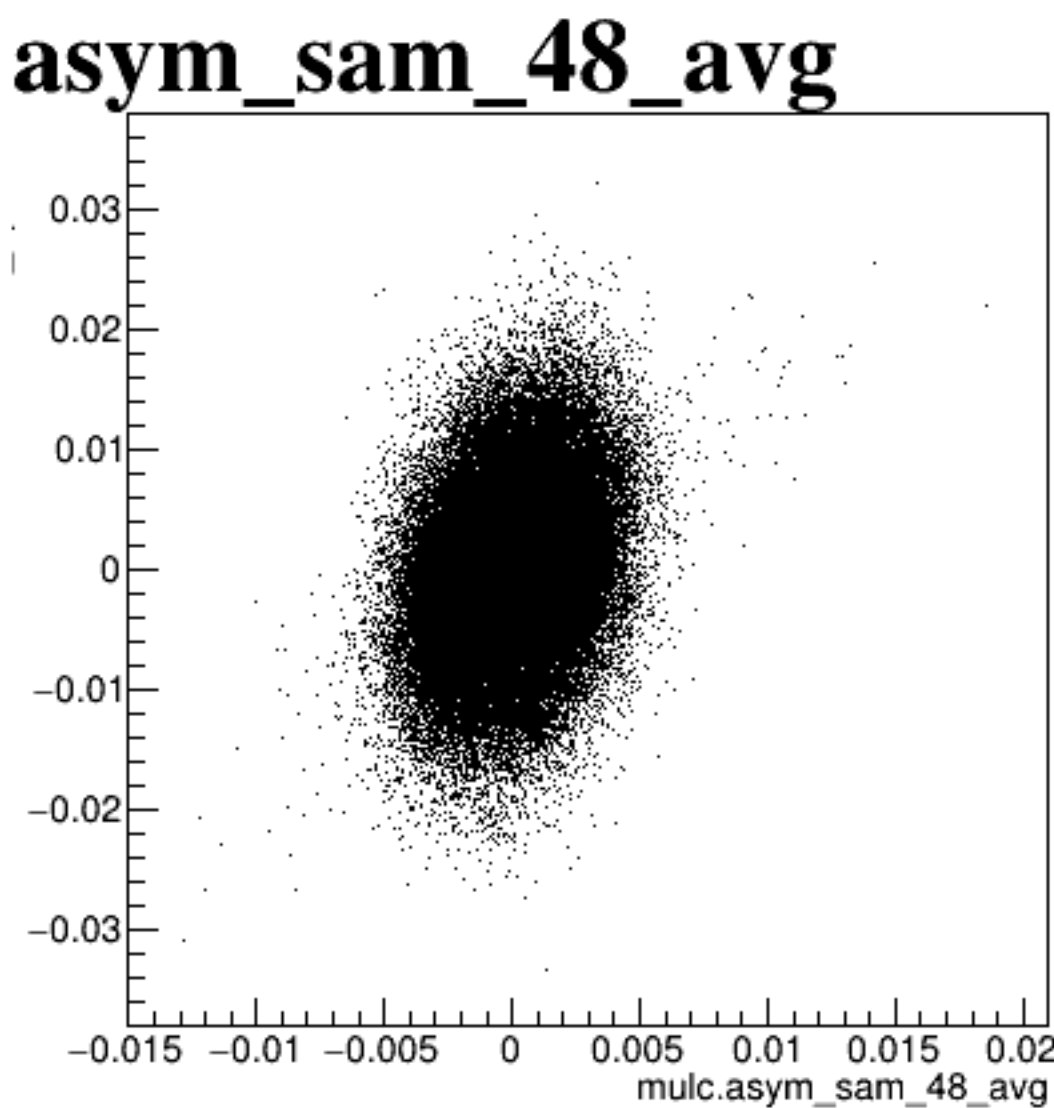
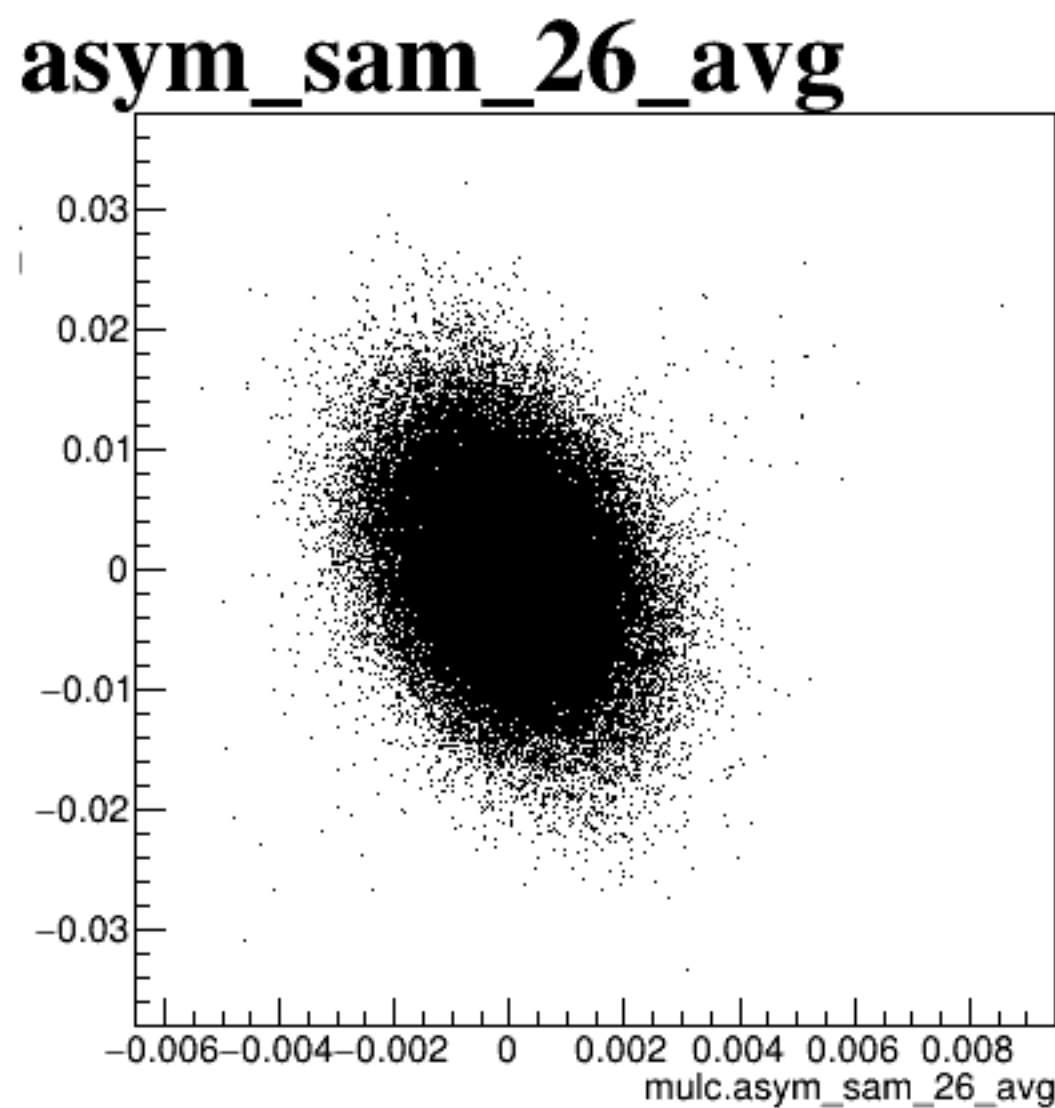
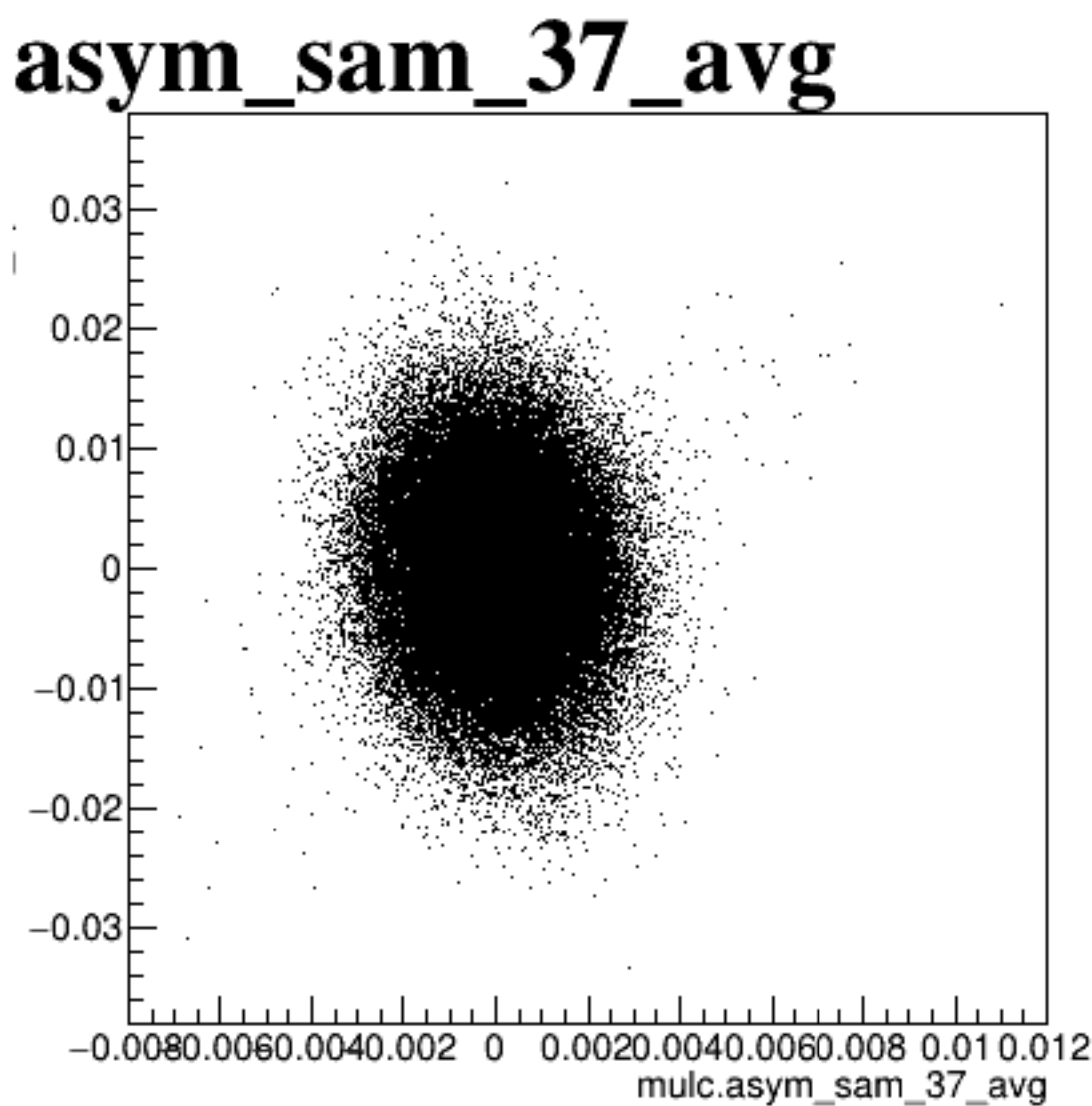
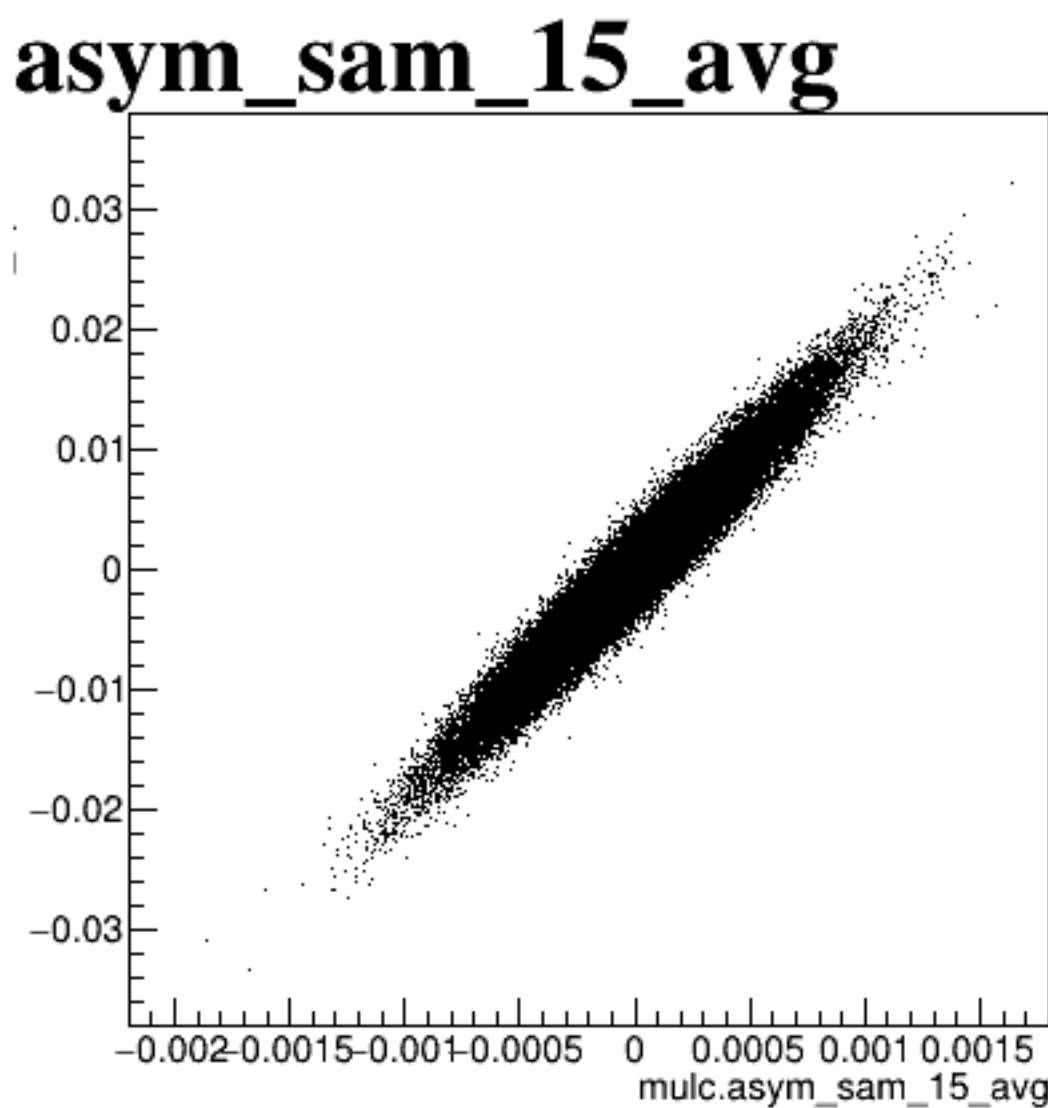
diff_bpm12X



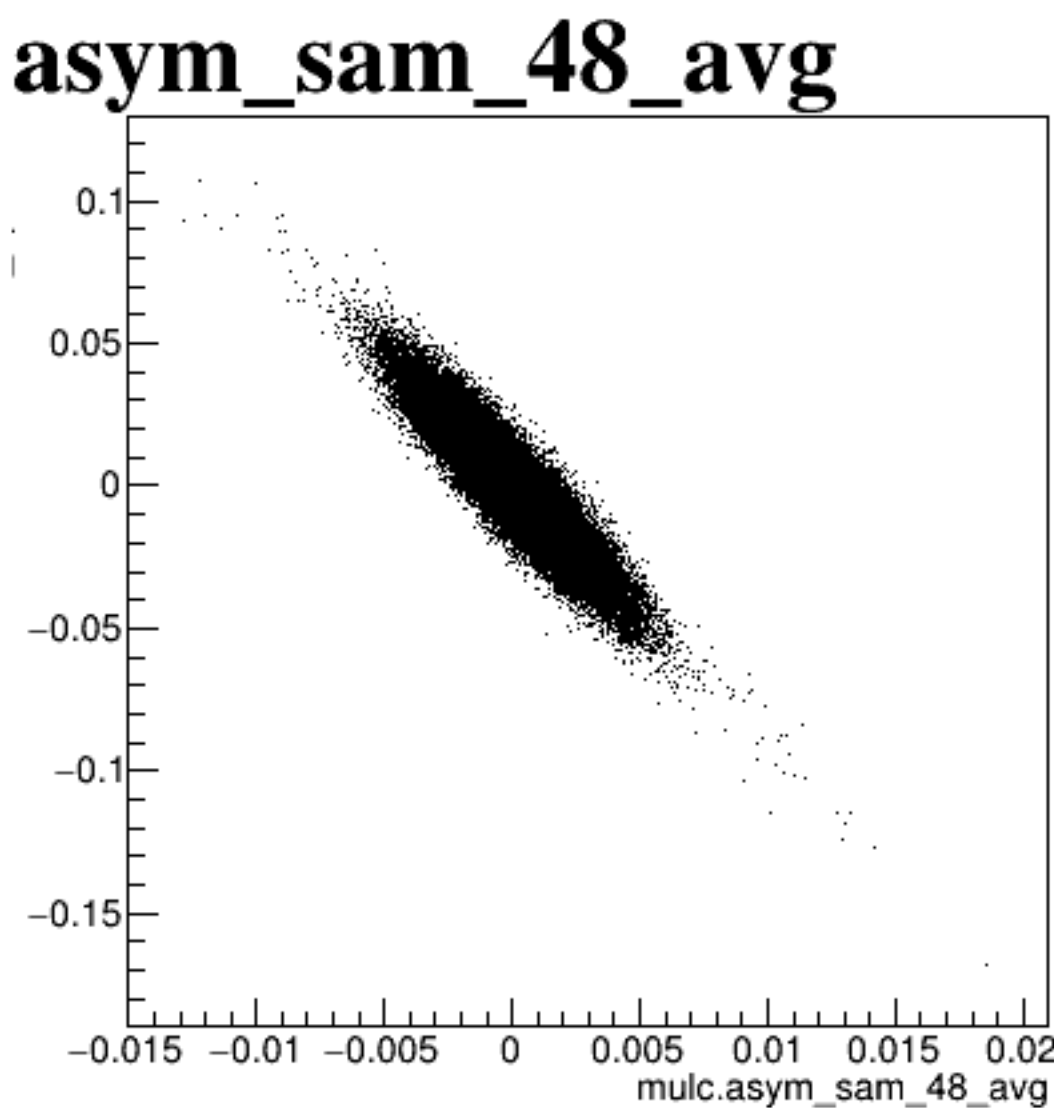
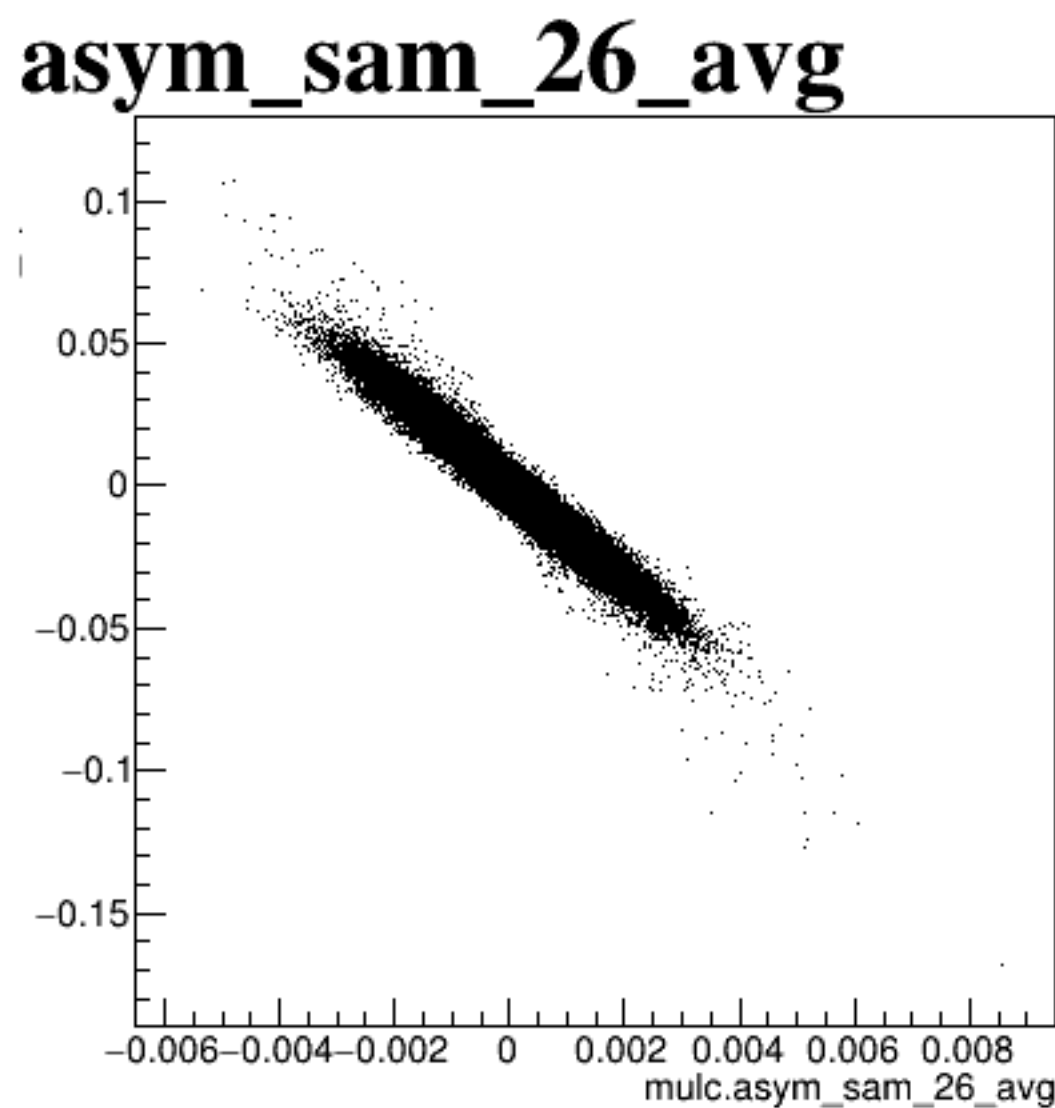
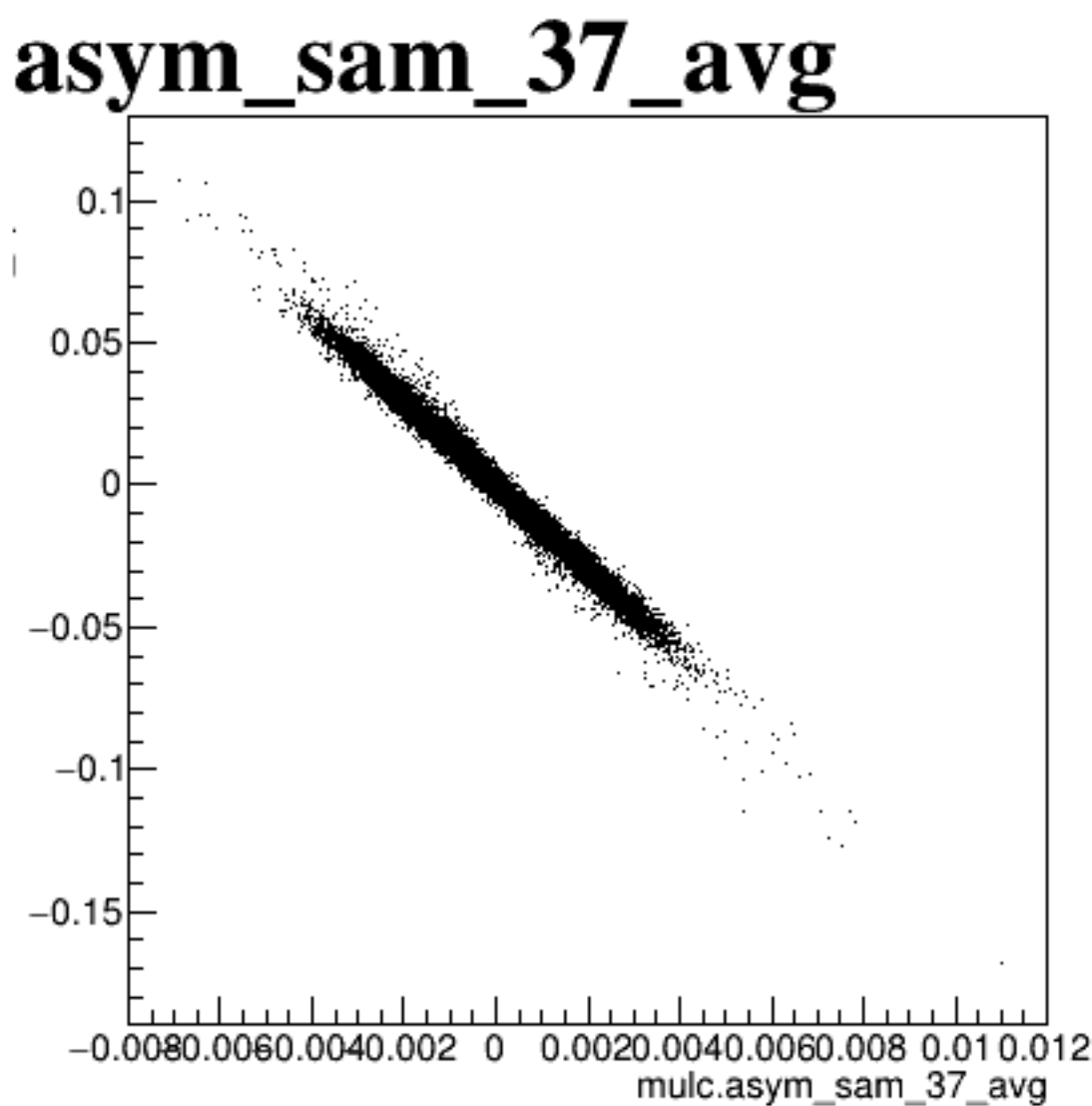
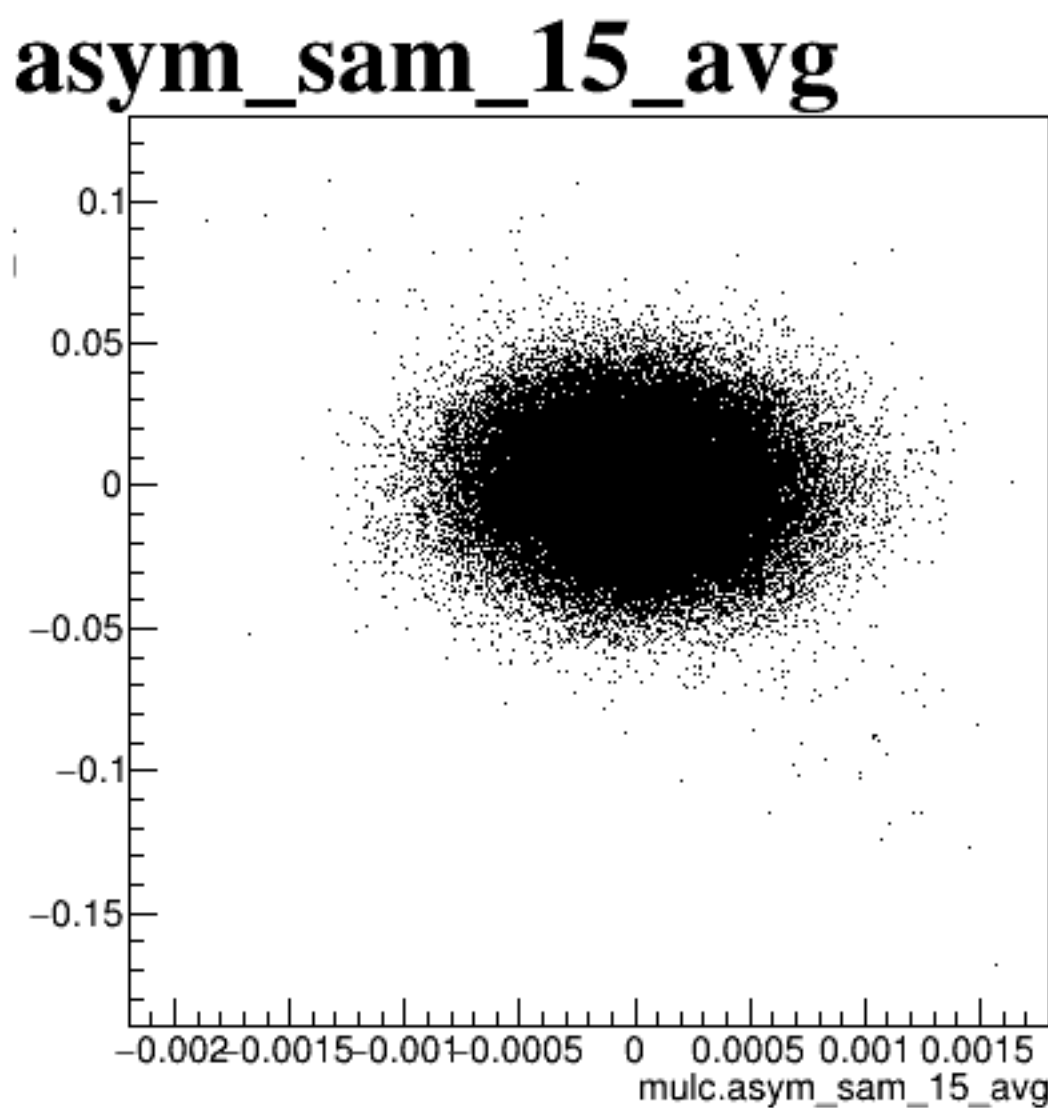
diff_bpm4aX



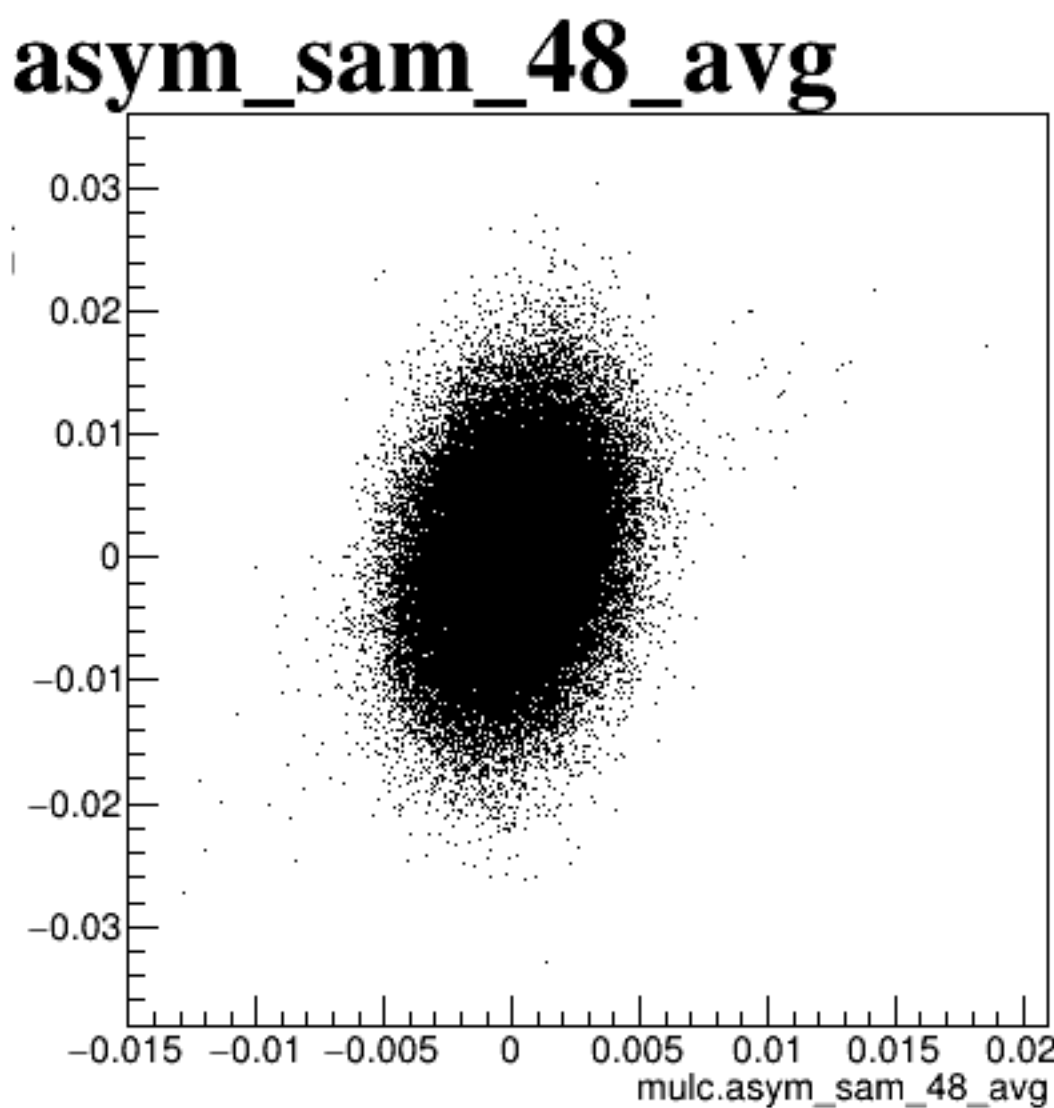
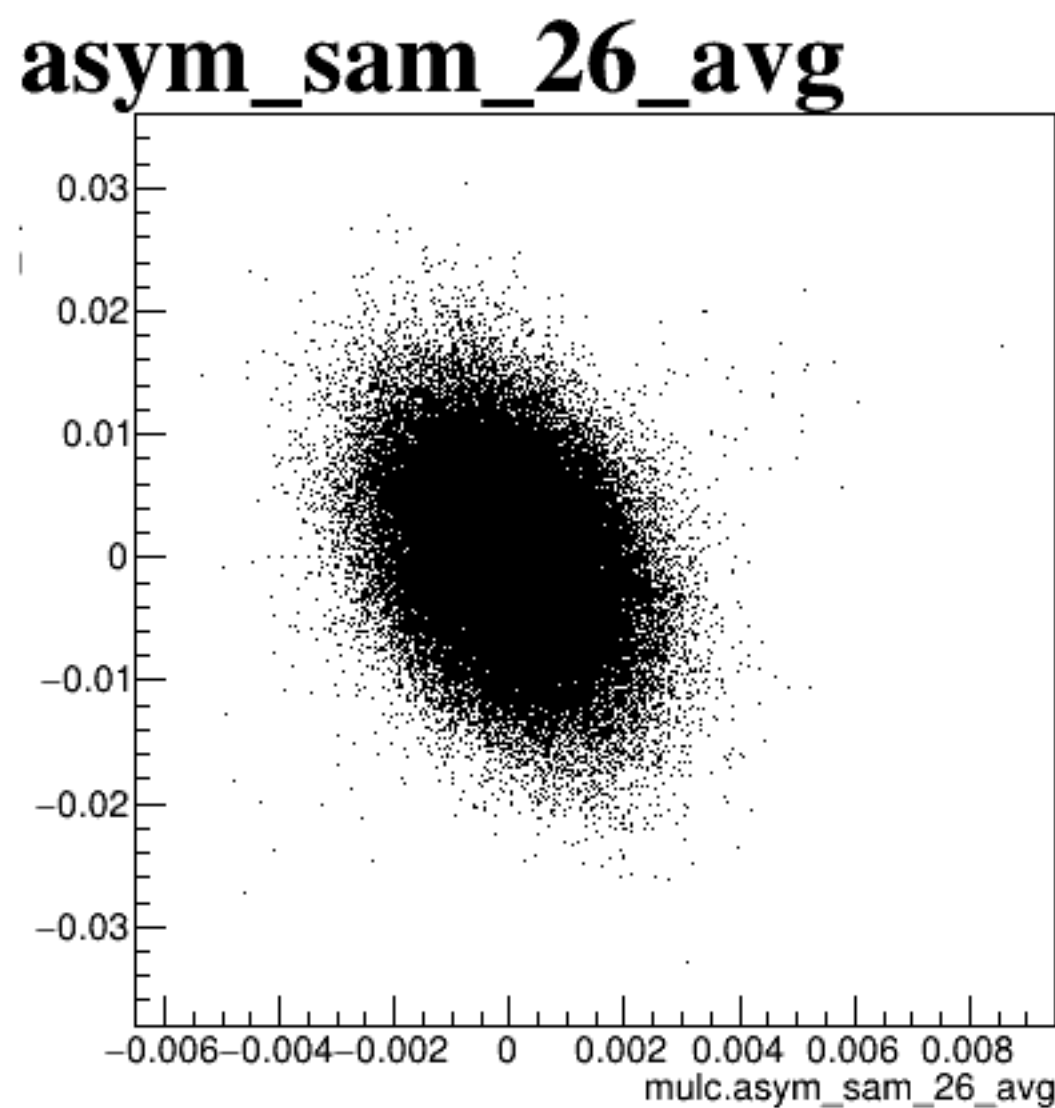
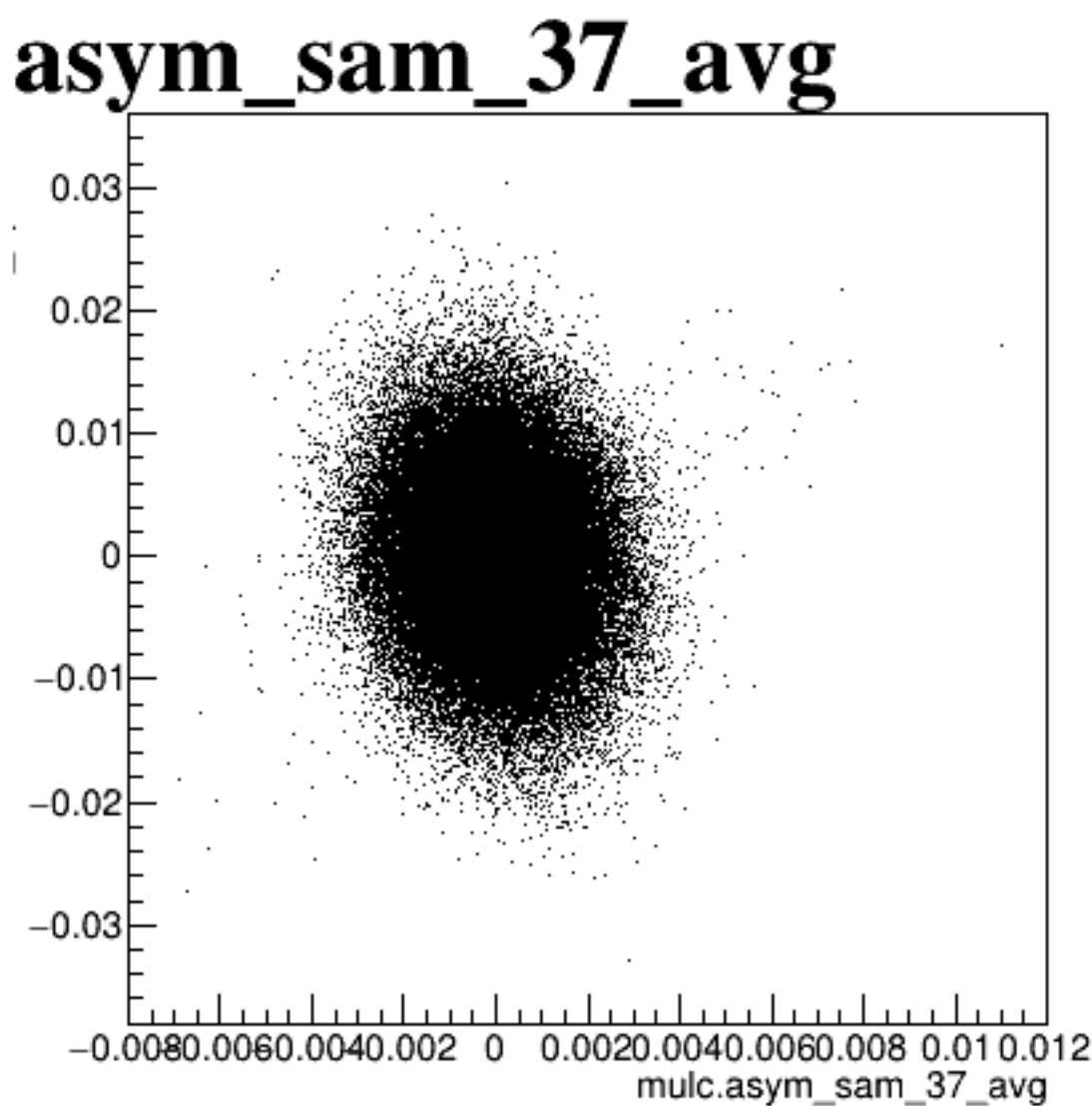
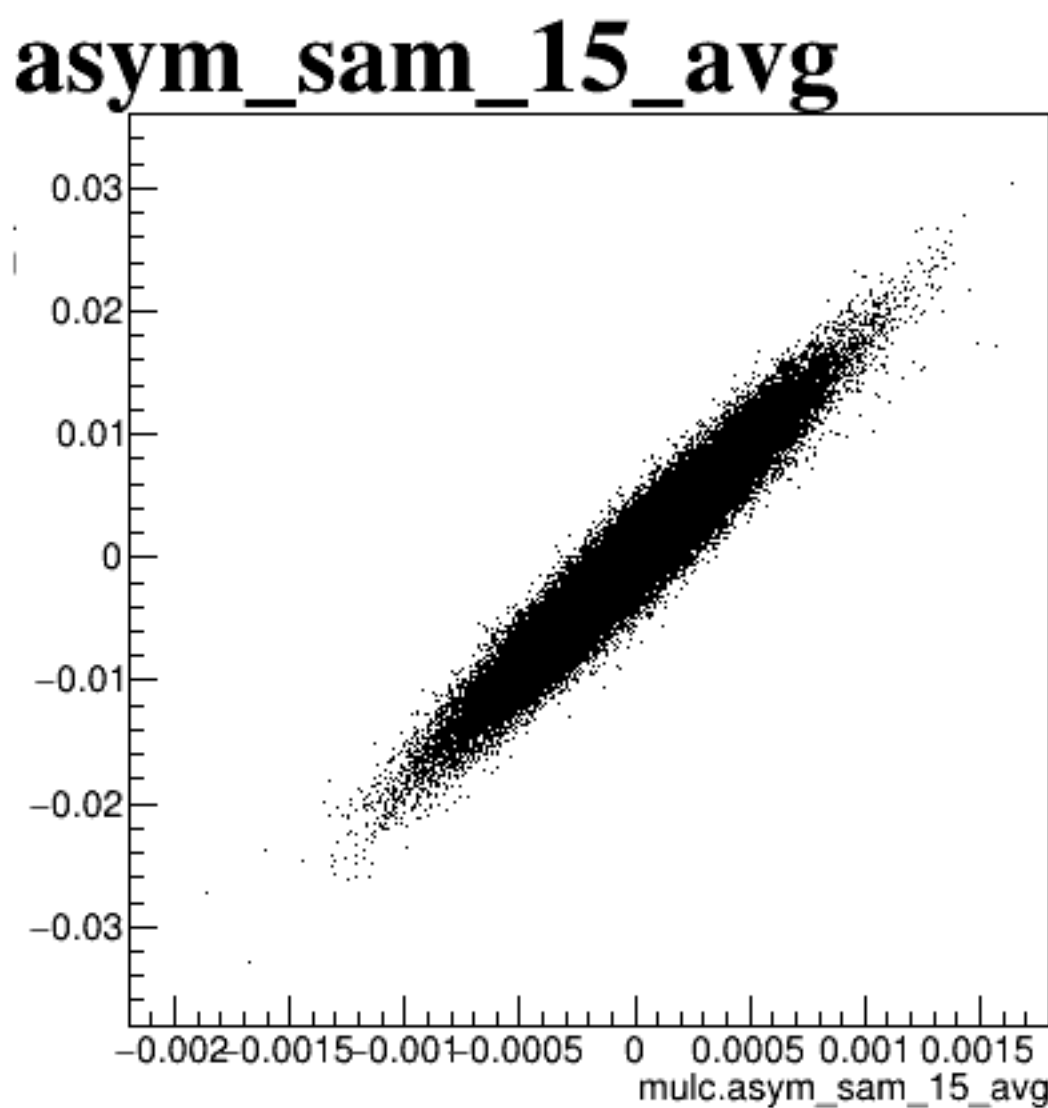
diff_bpm4aY



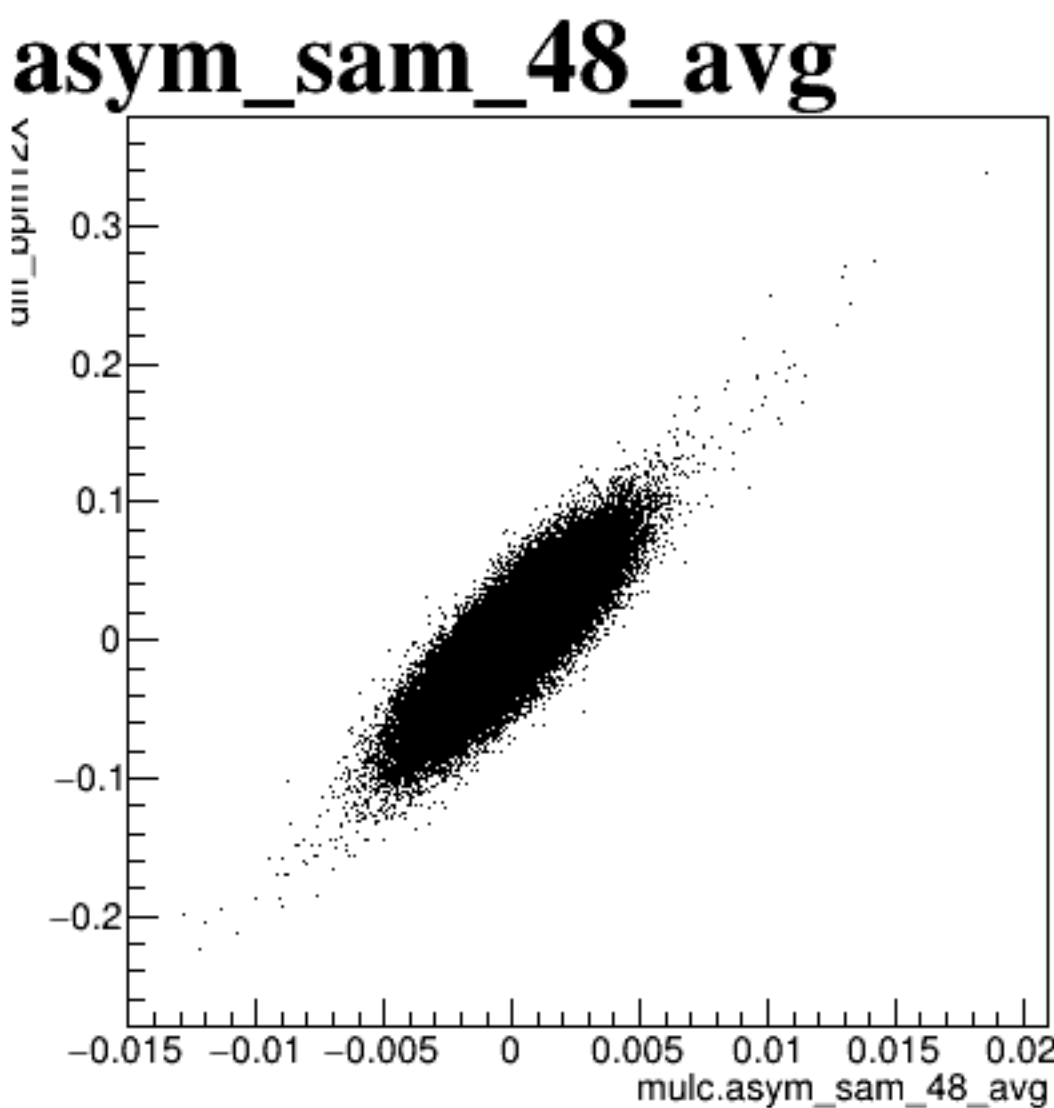
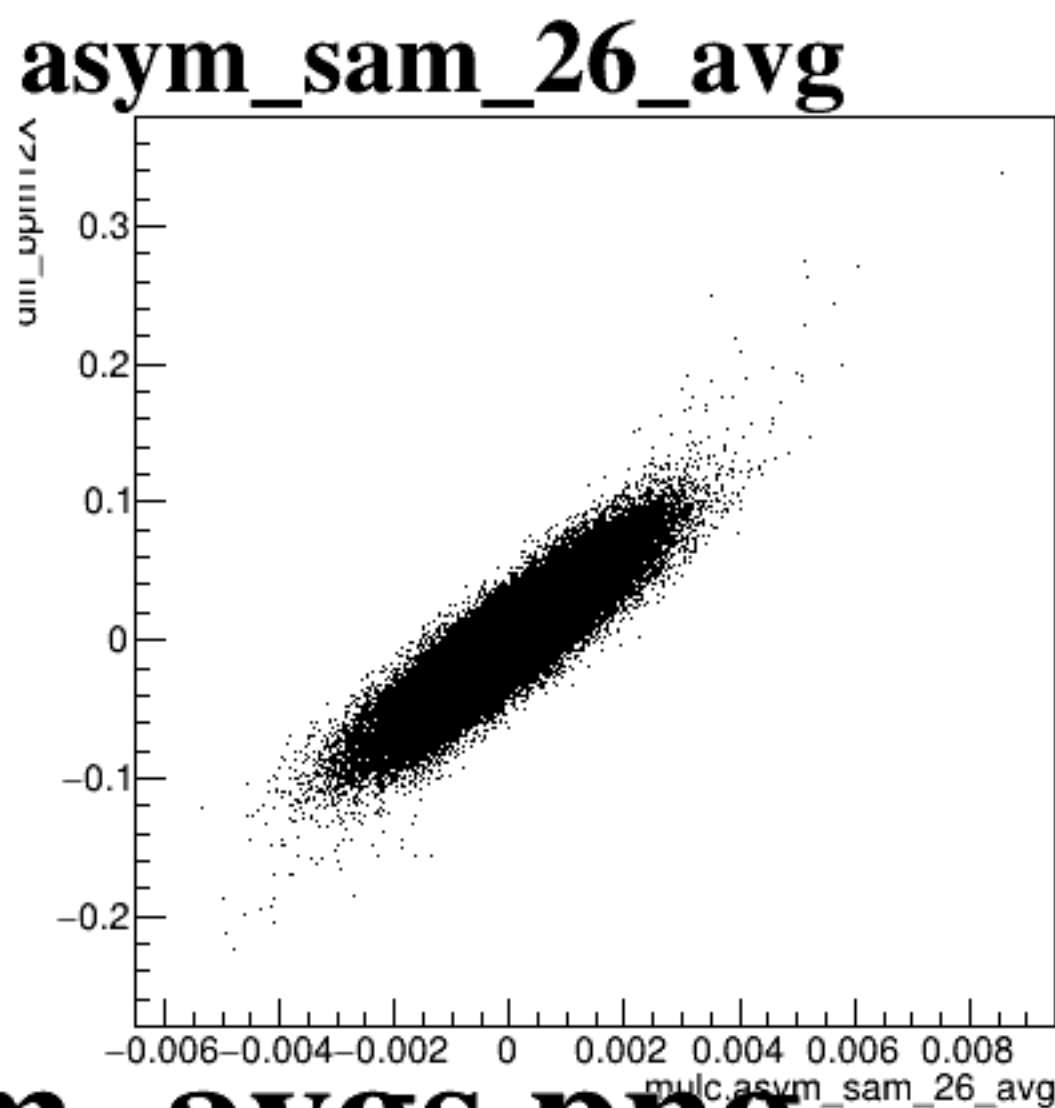
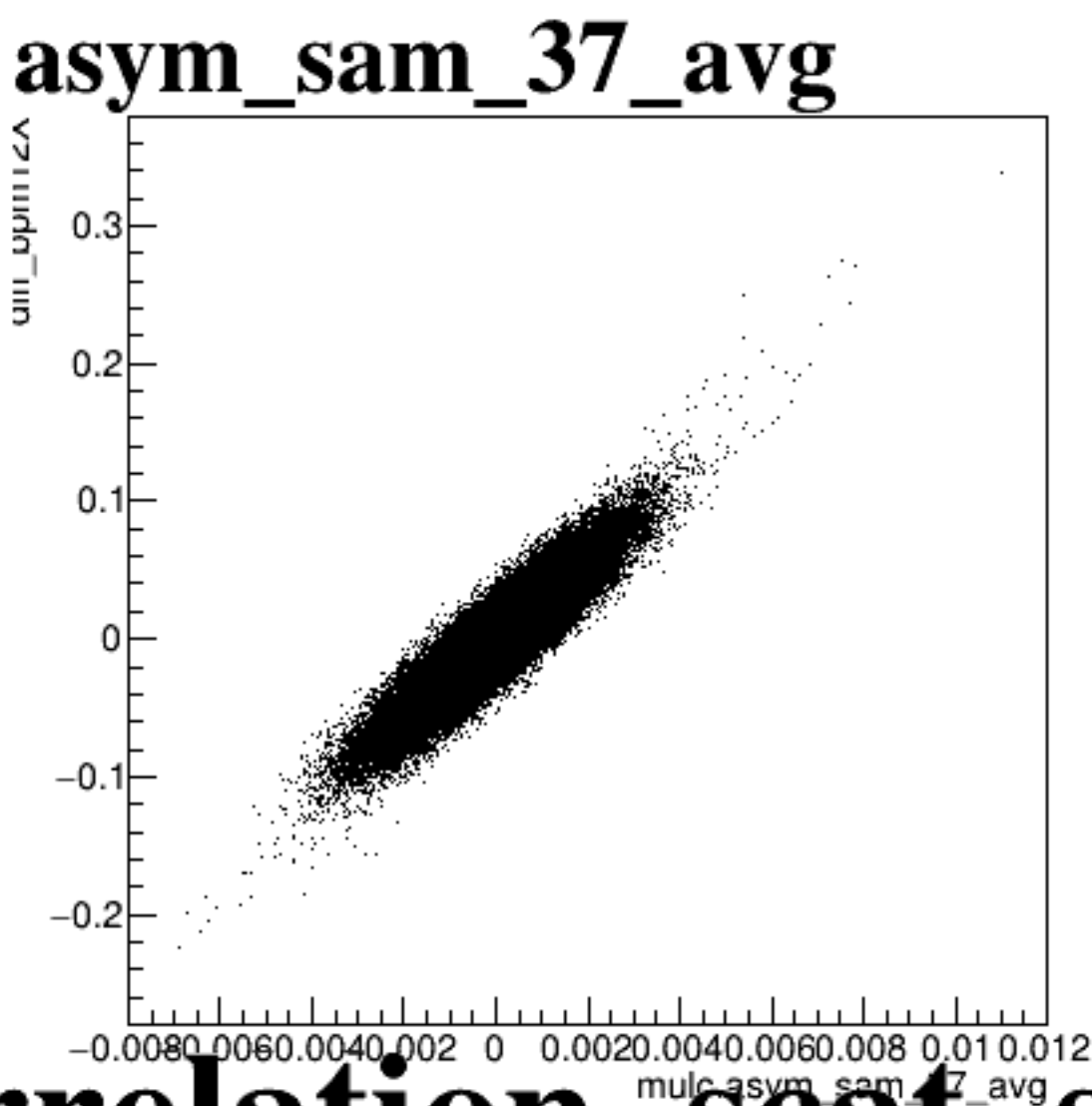
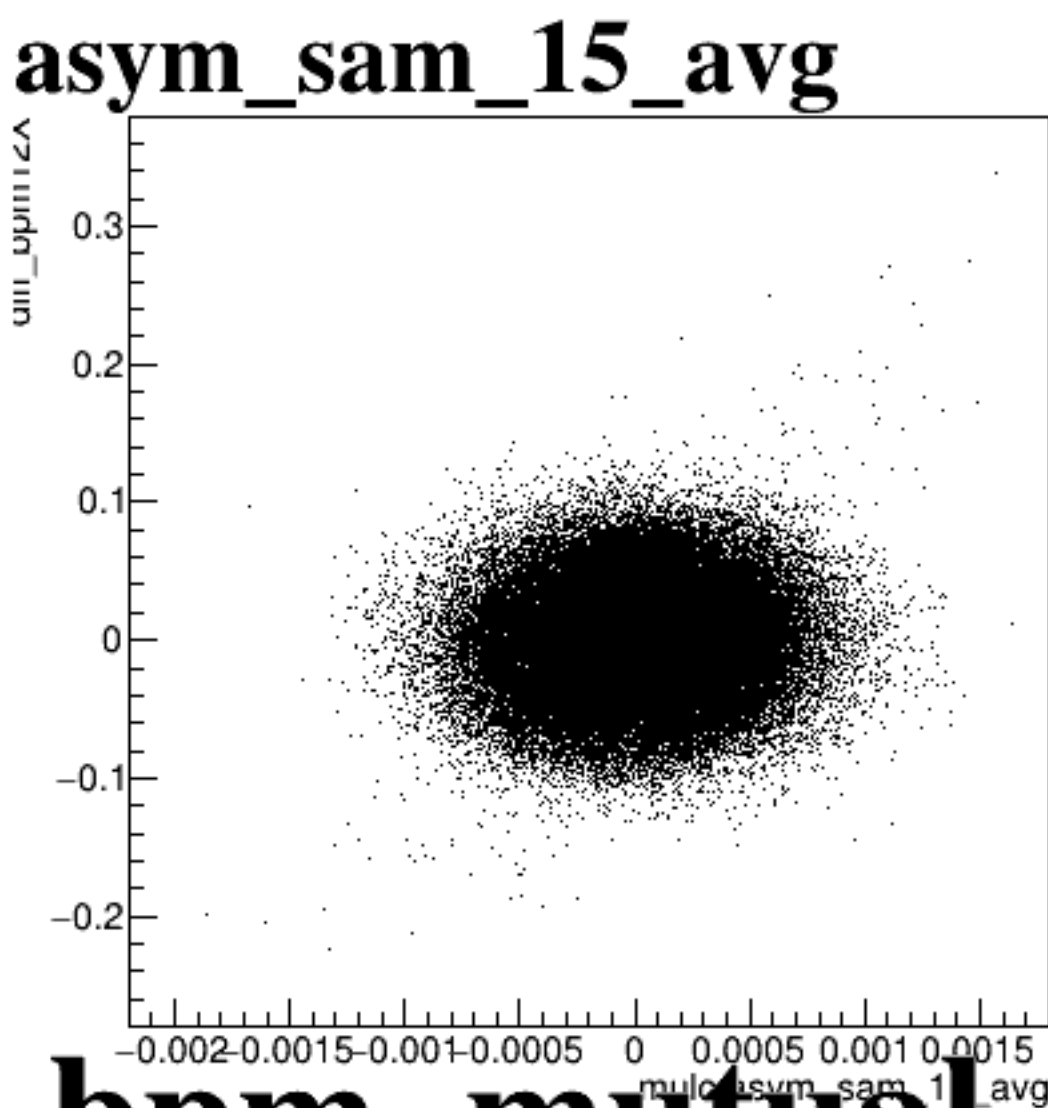
diff_bpm4eX



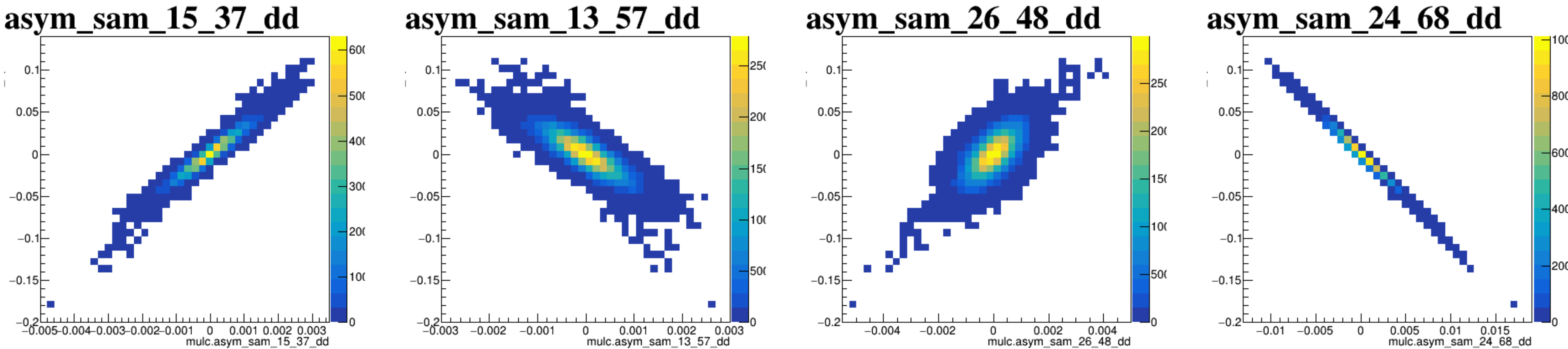
diff_bpm4eY



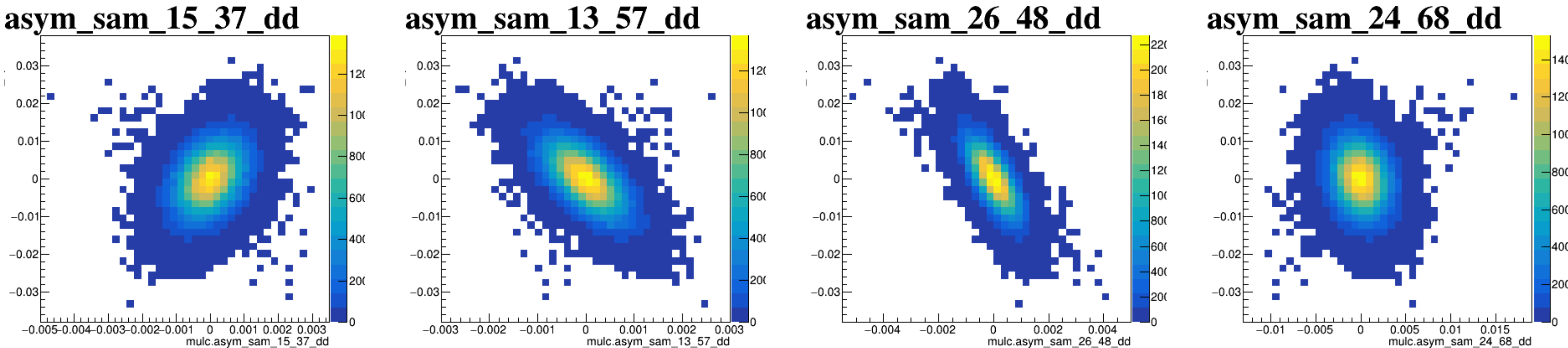
diff_bpm12X



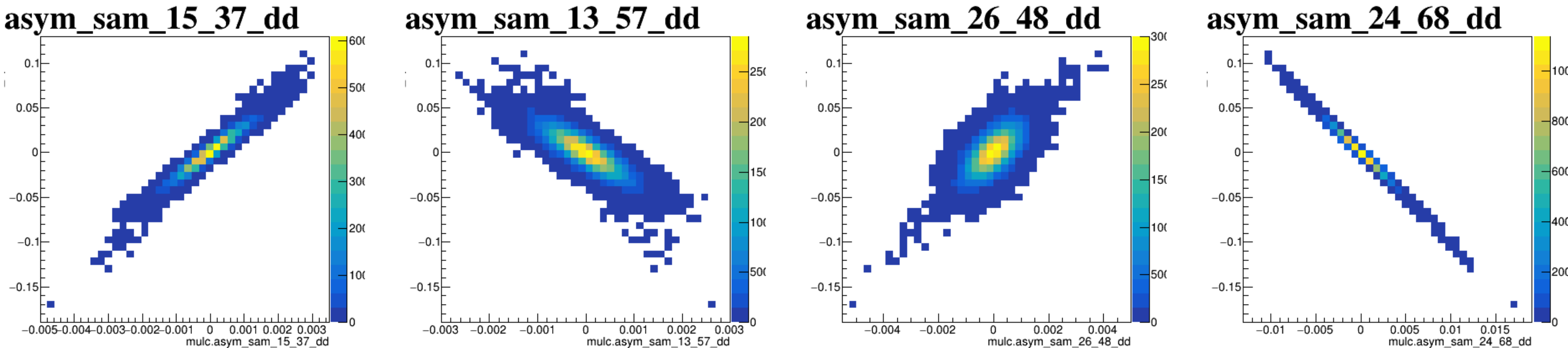
diff_bpm4aX



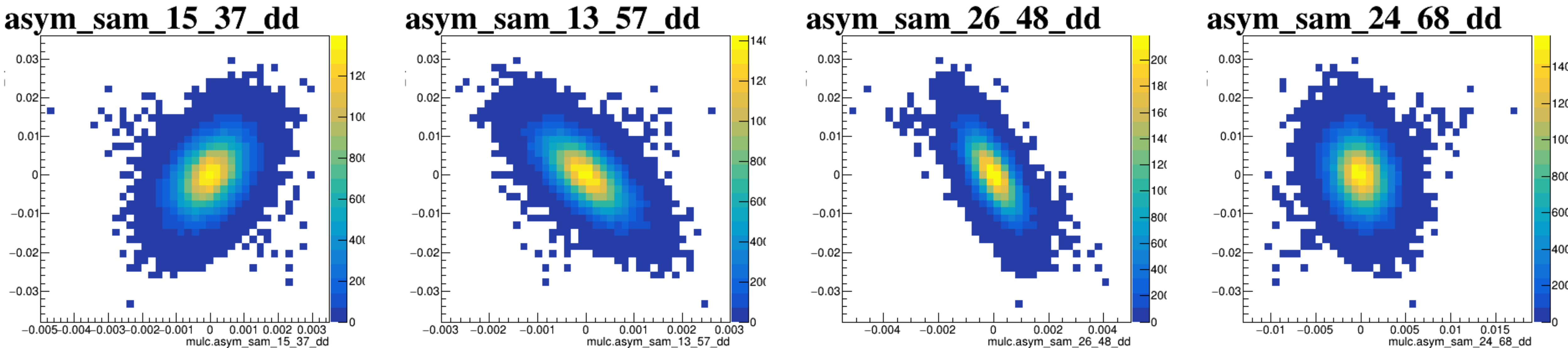
diff_bpm4aY



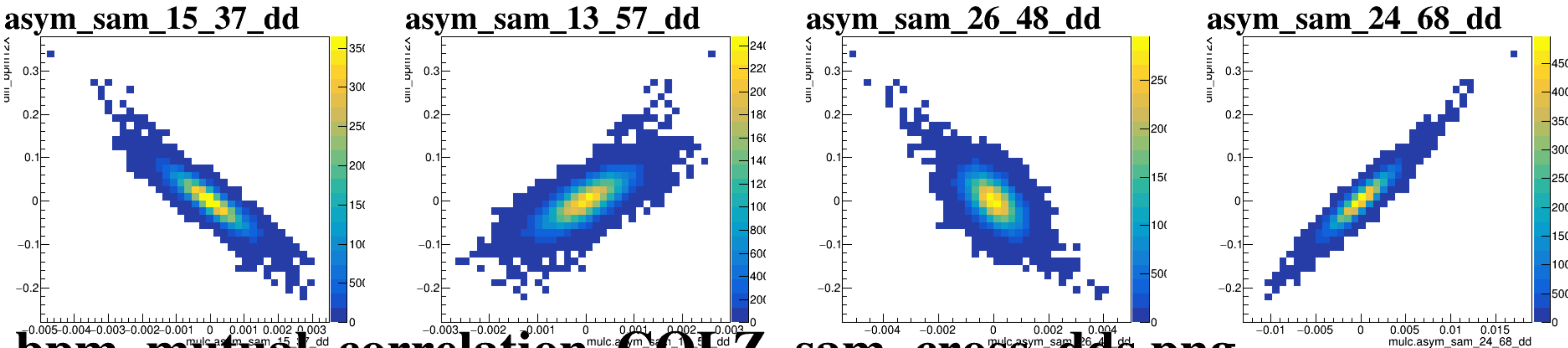
diff_bpm4eX



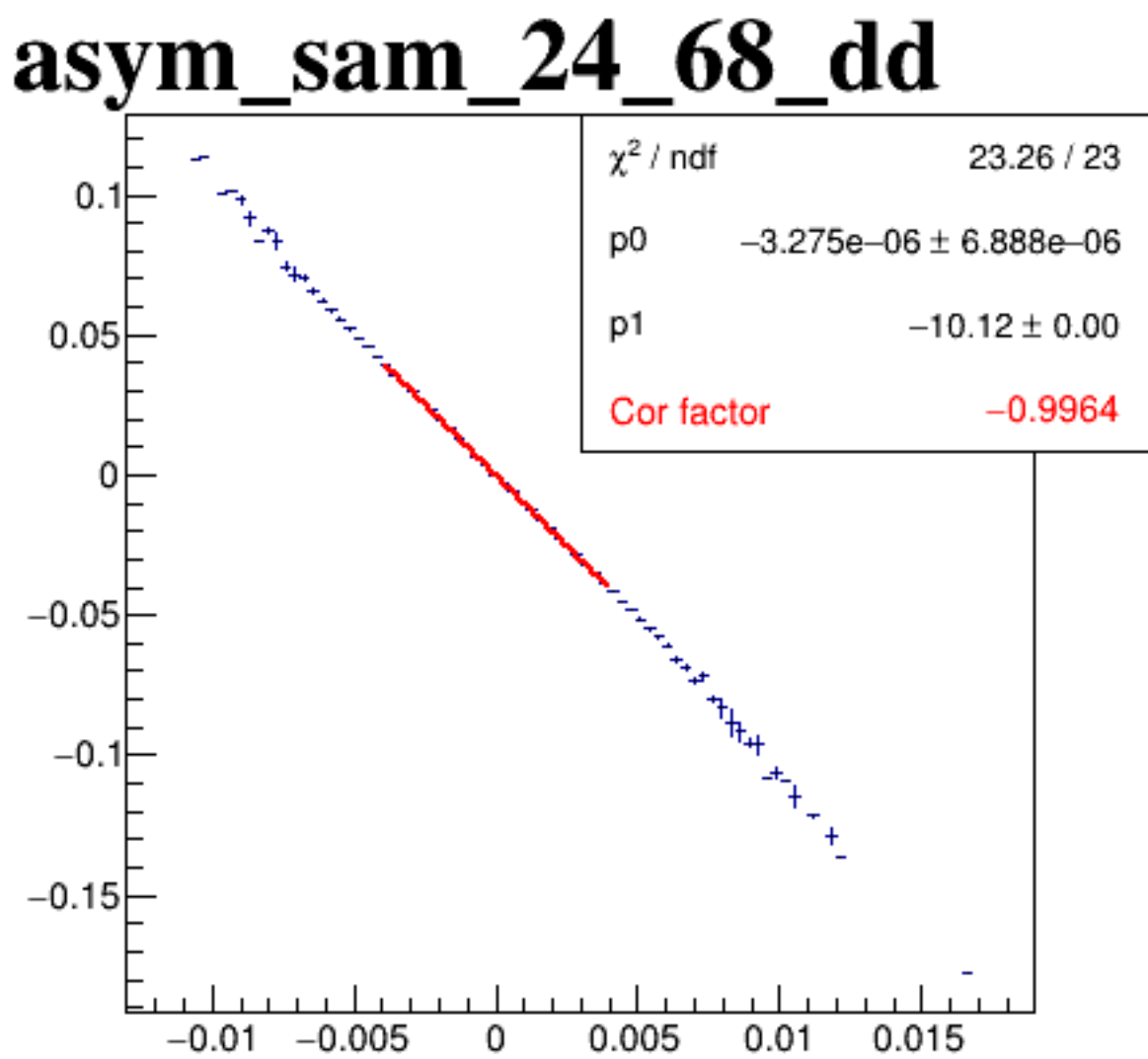
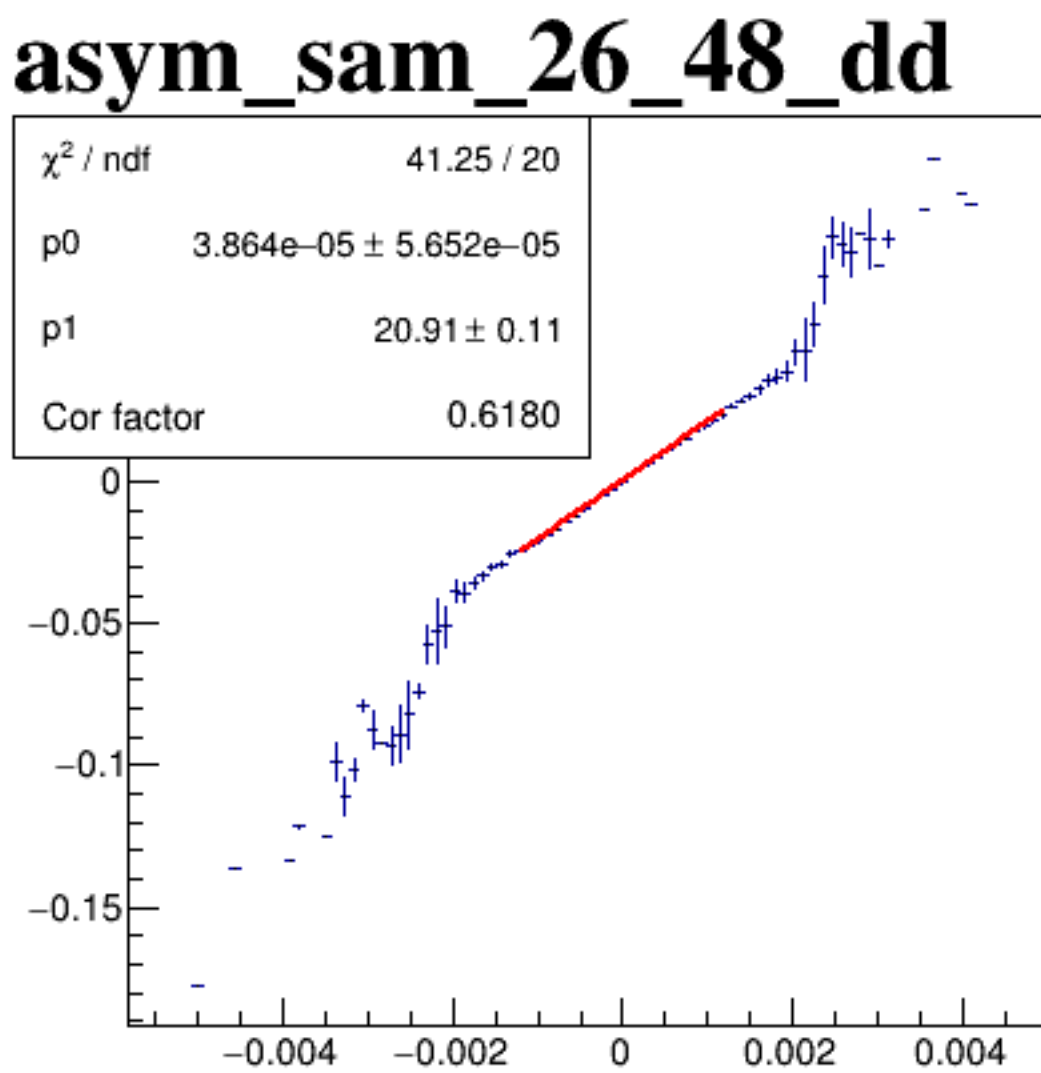
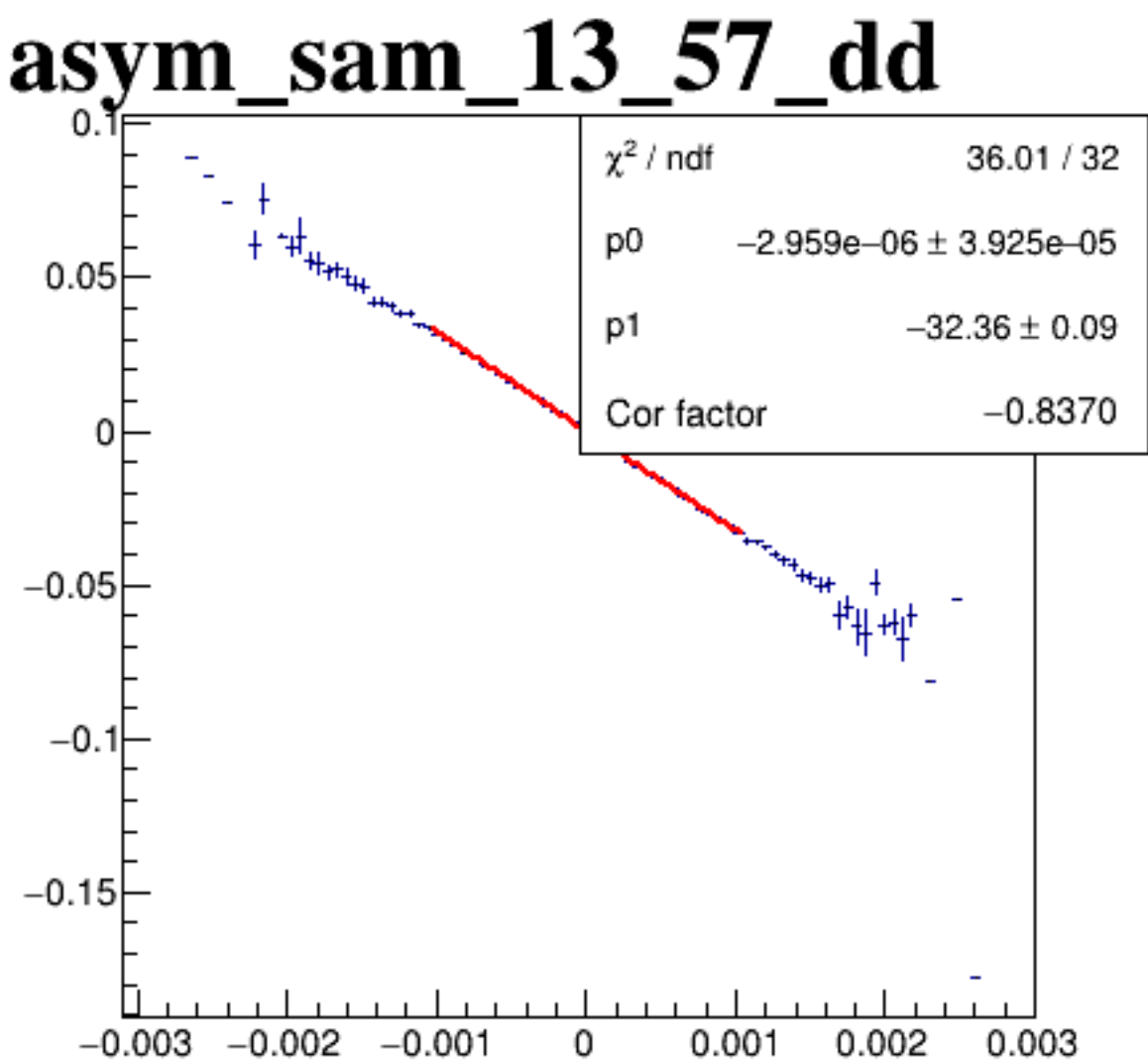
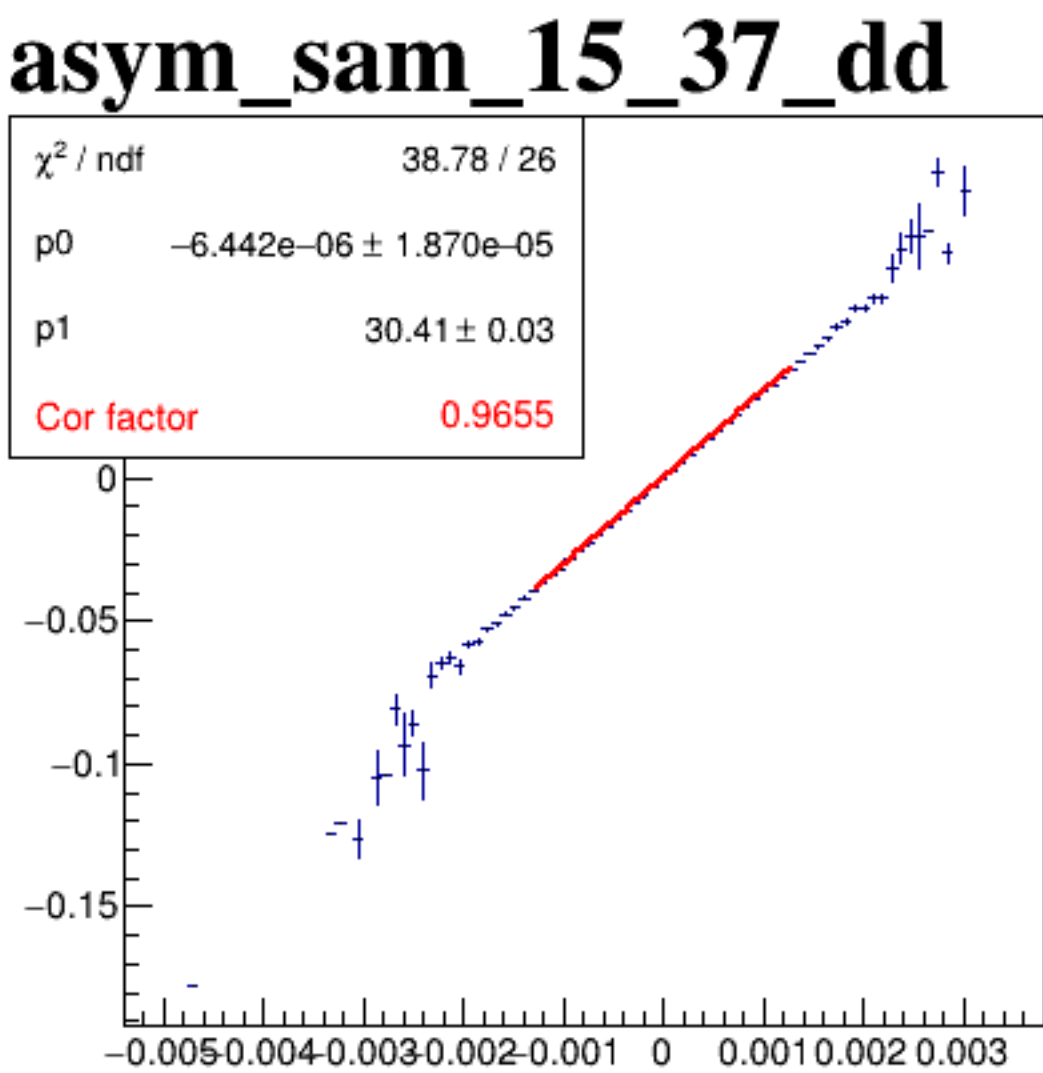
diff_bpm4eY



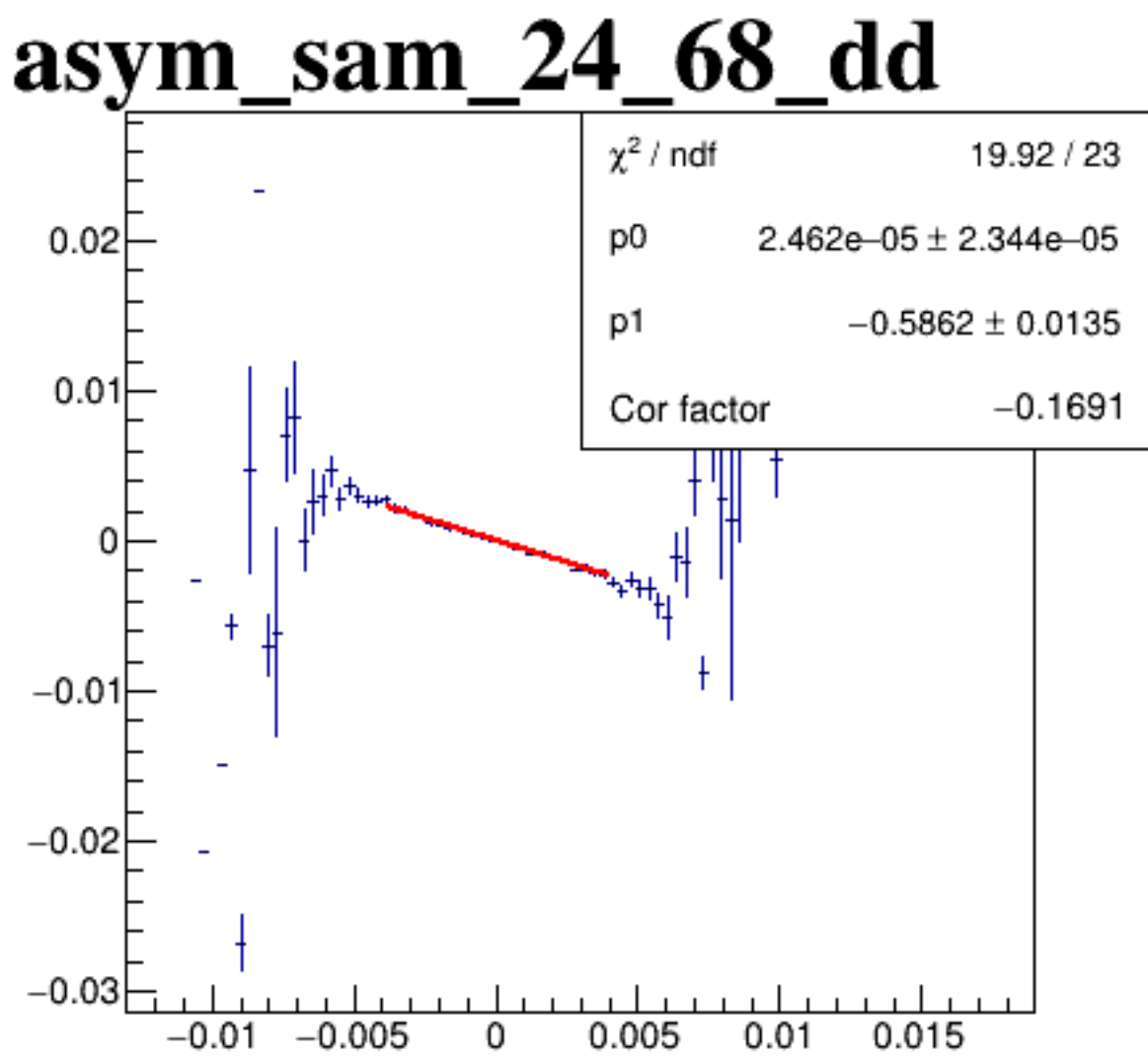
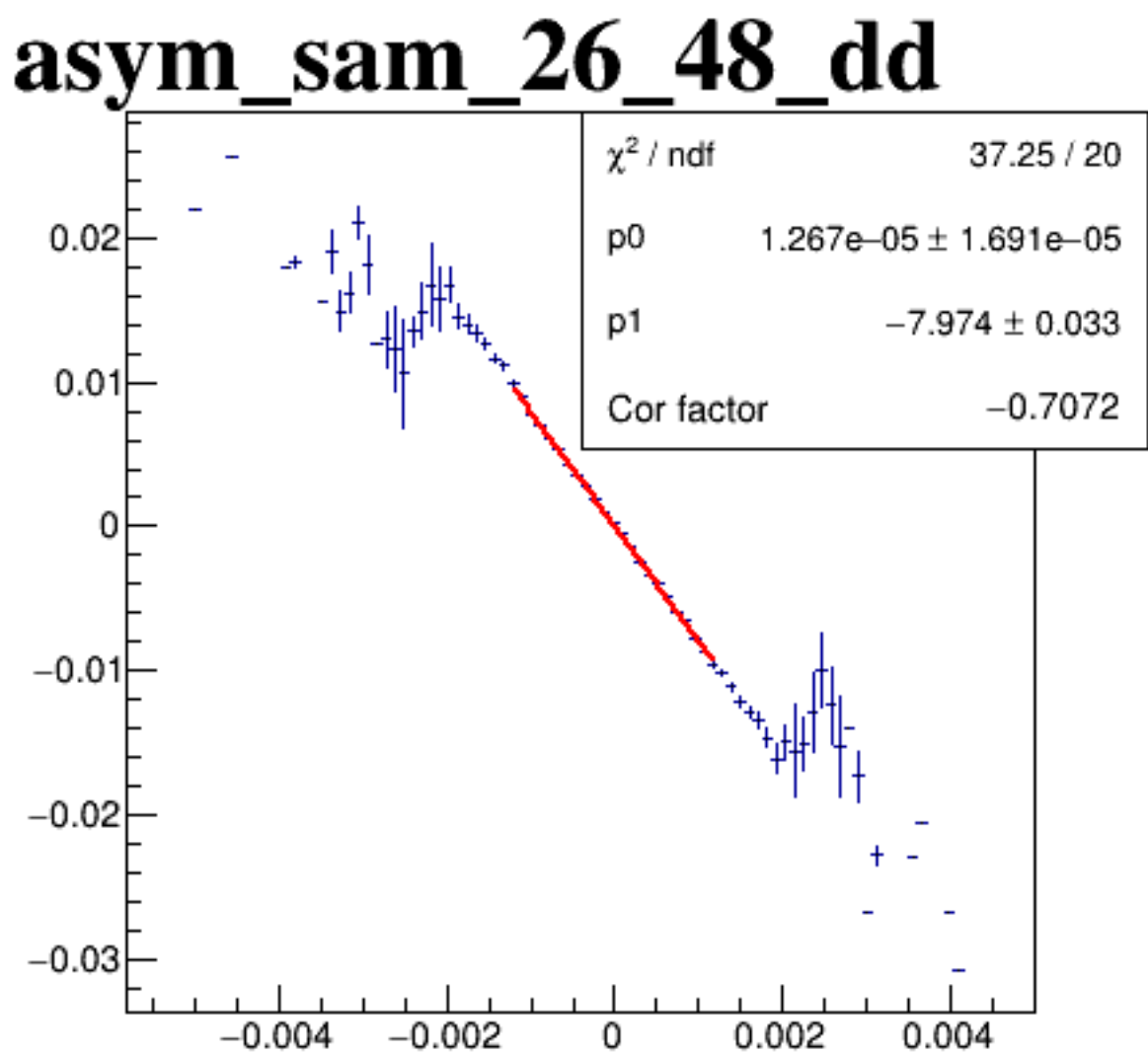
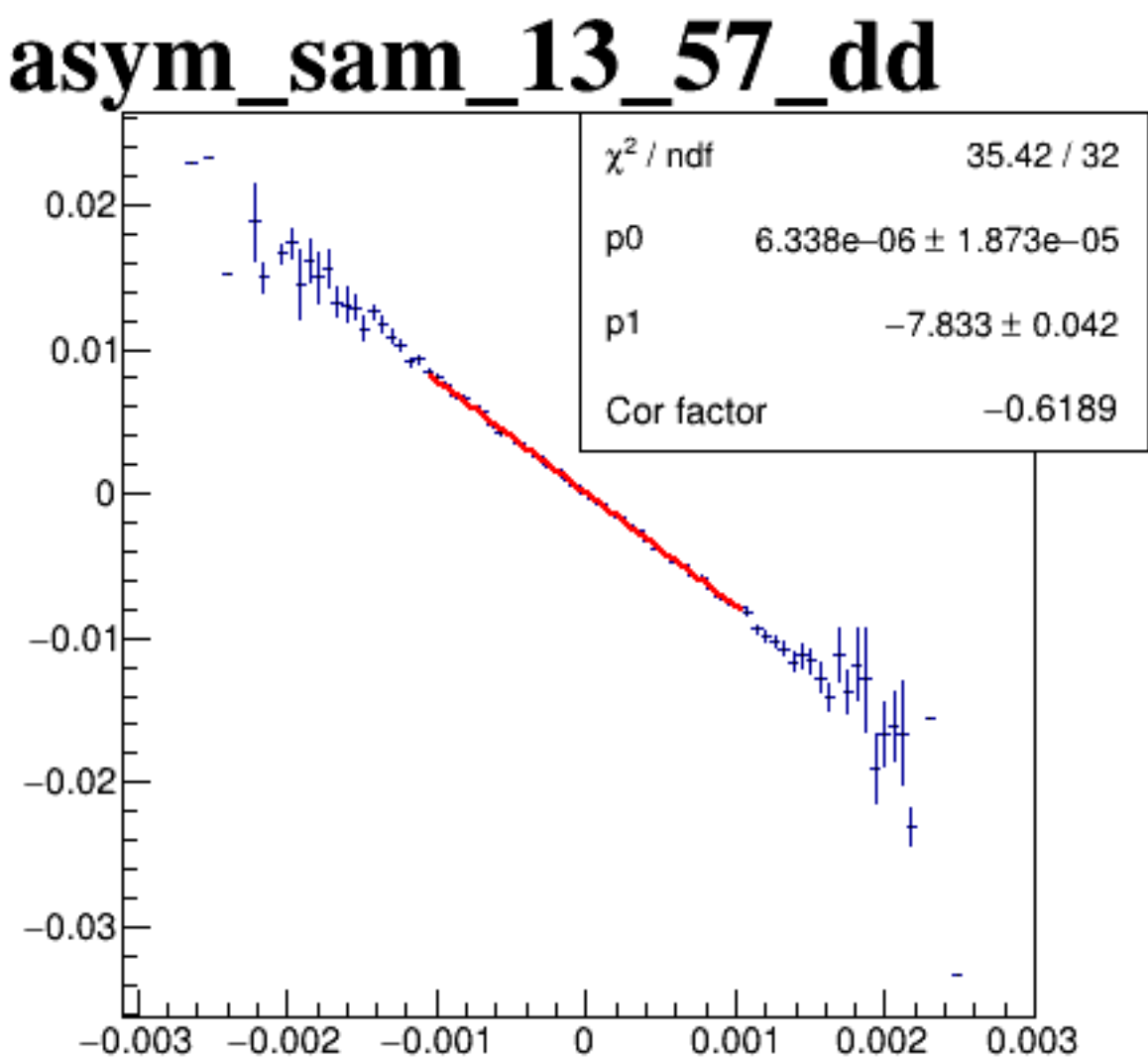
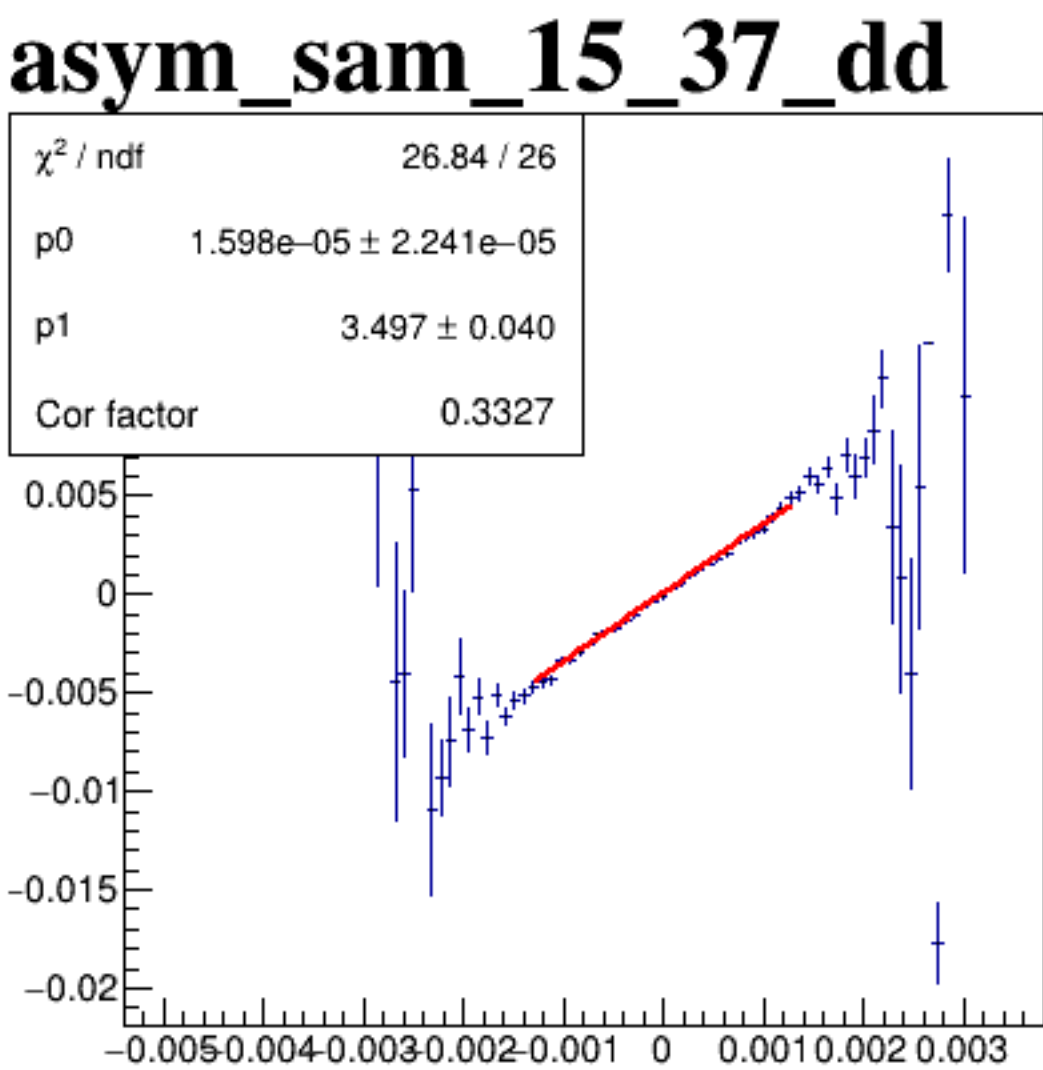
diff_bpm12X



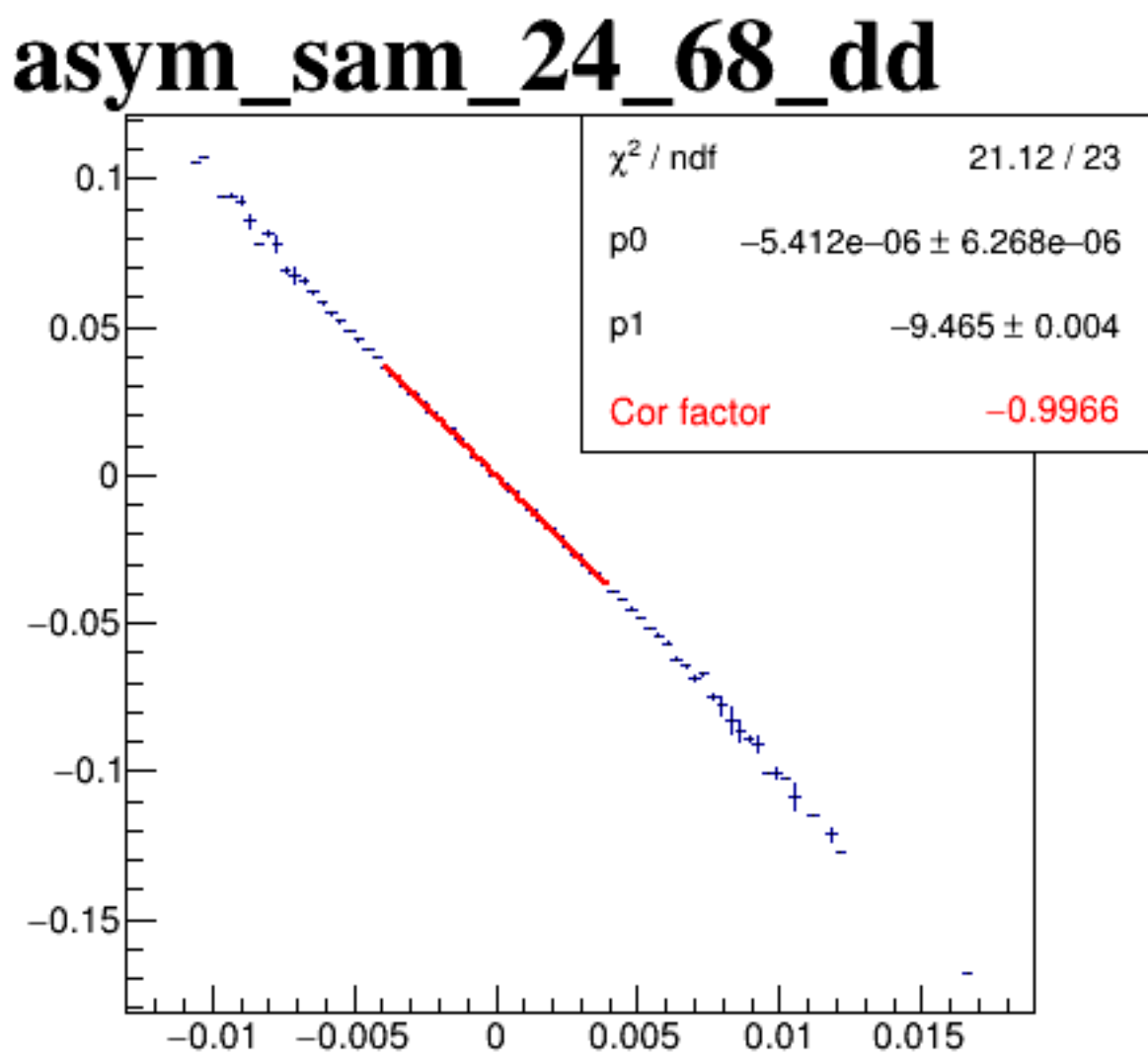
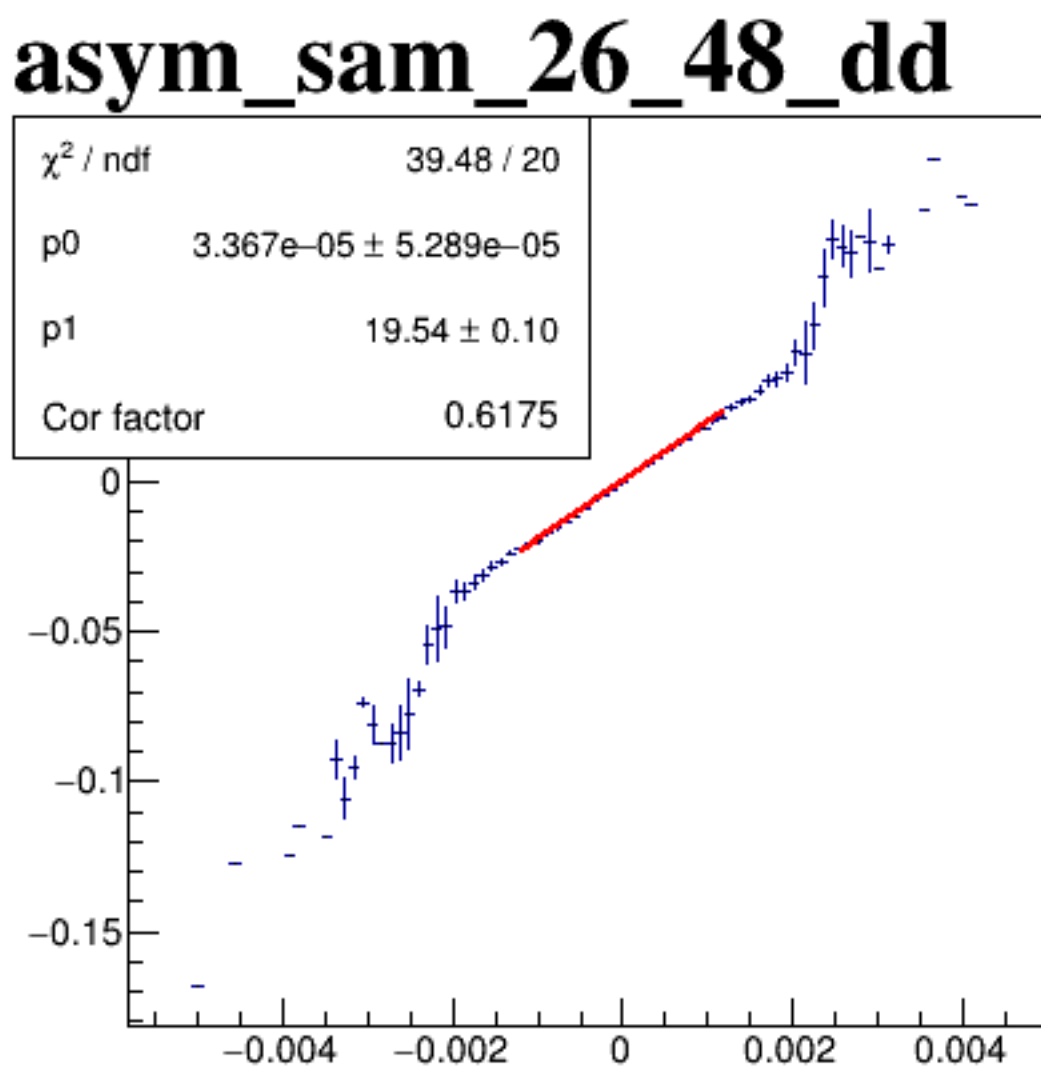
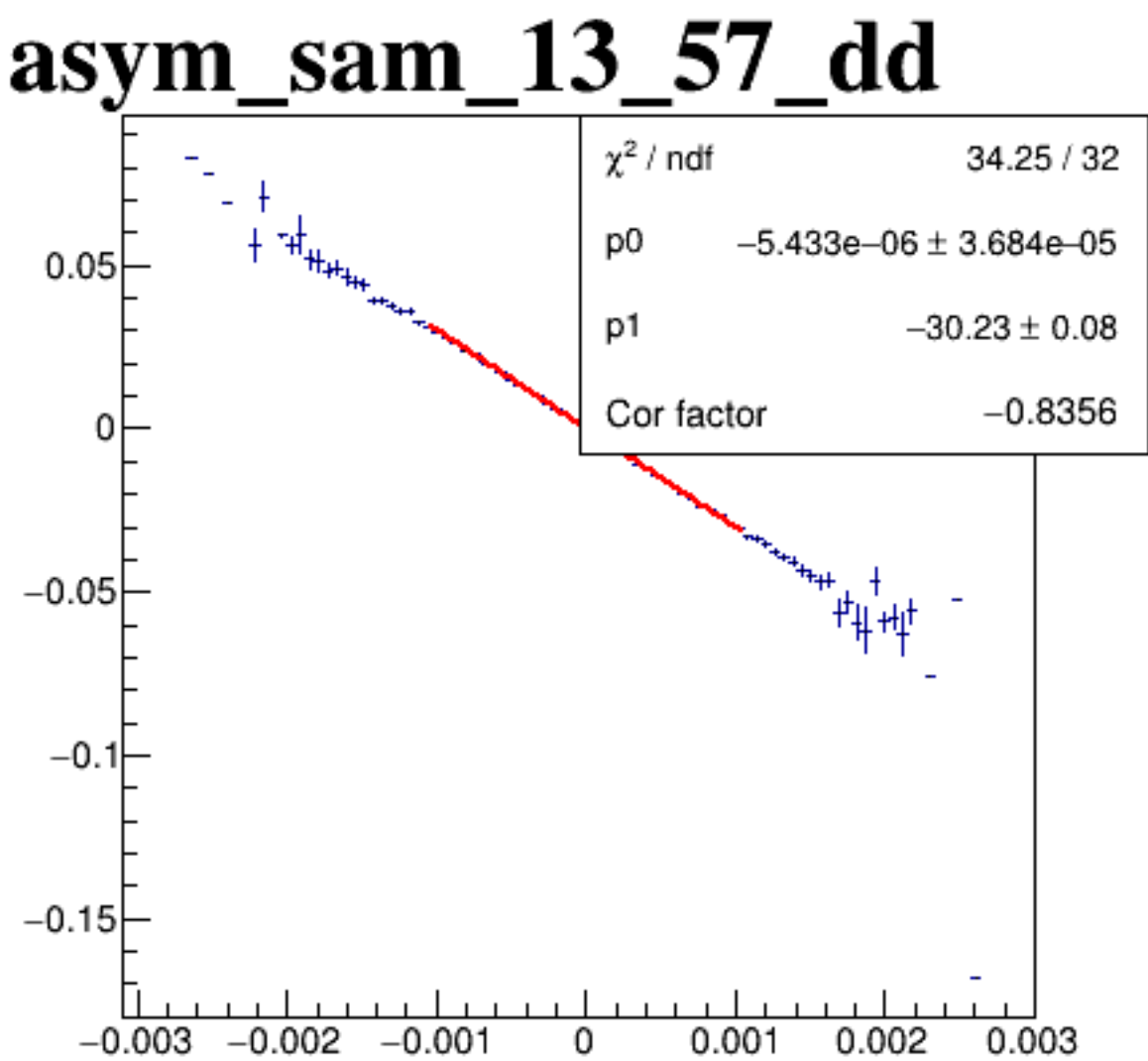
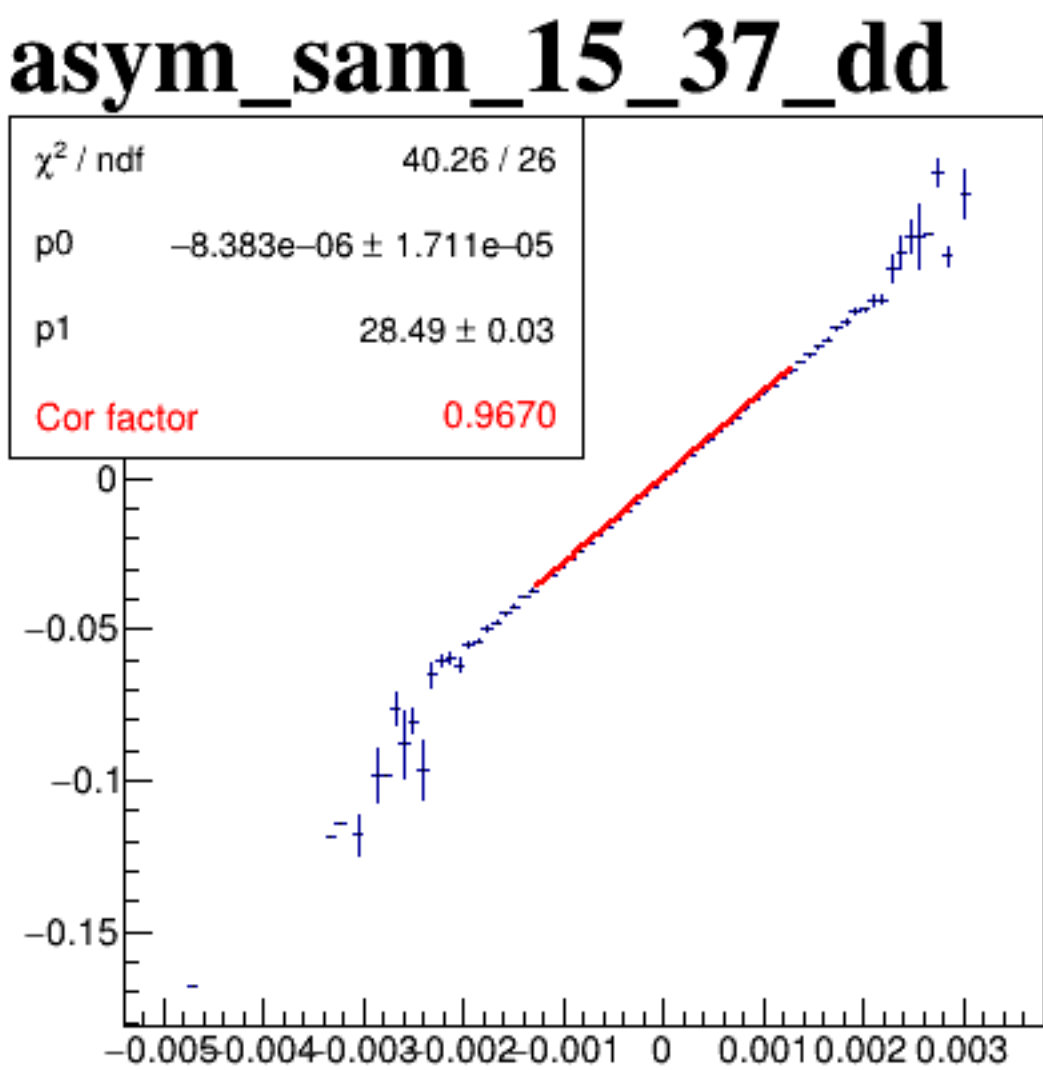
diff_bpm4aX



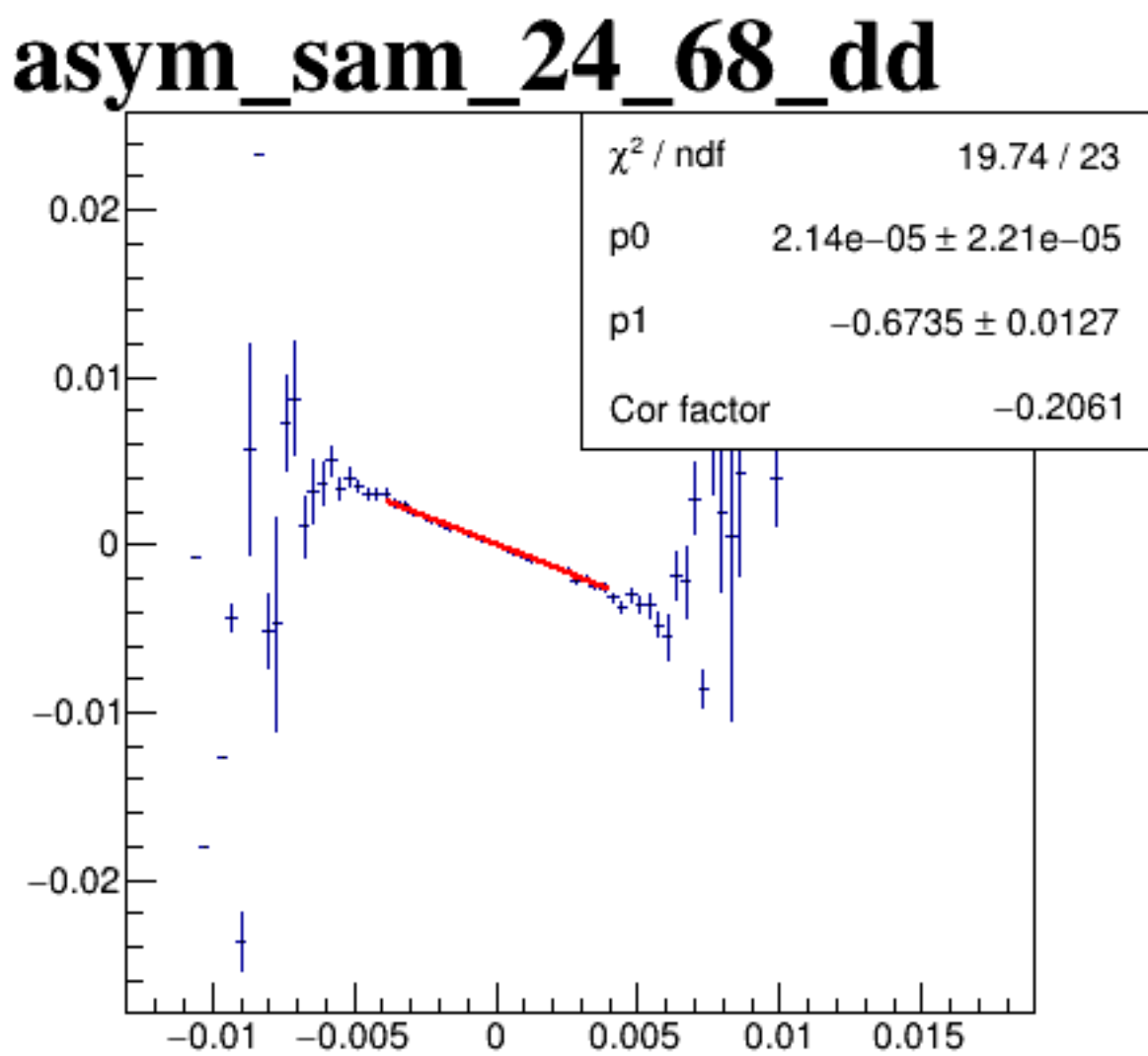
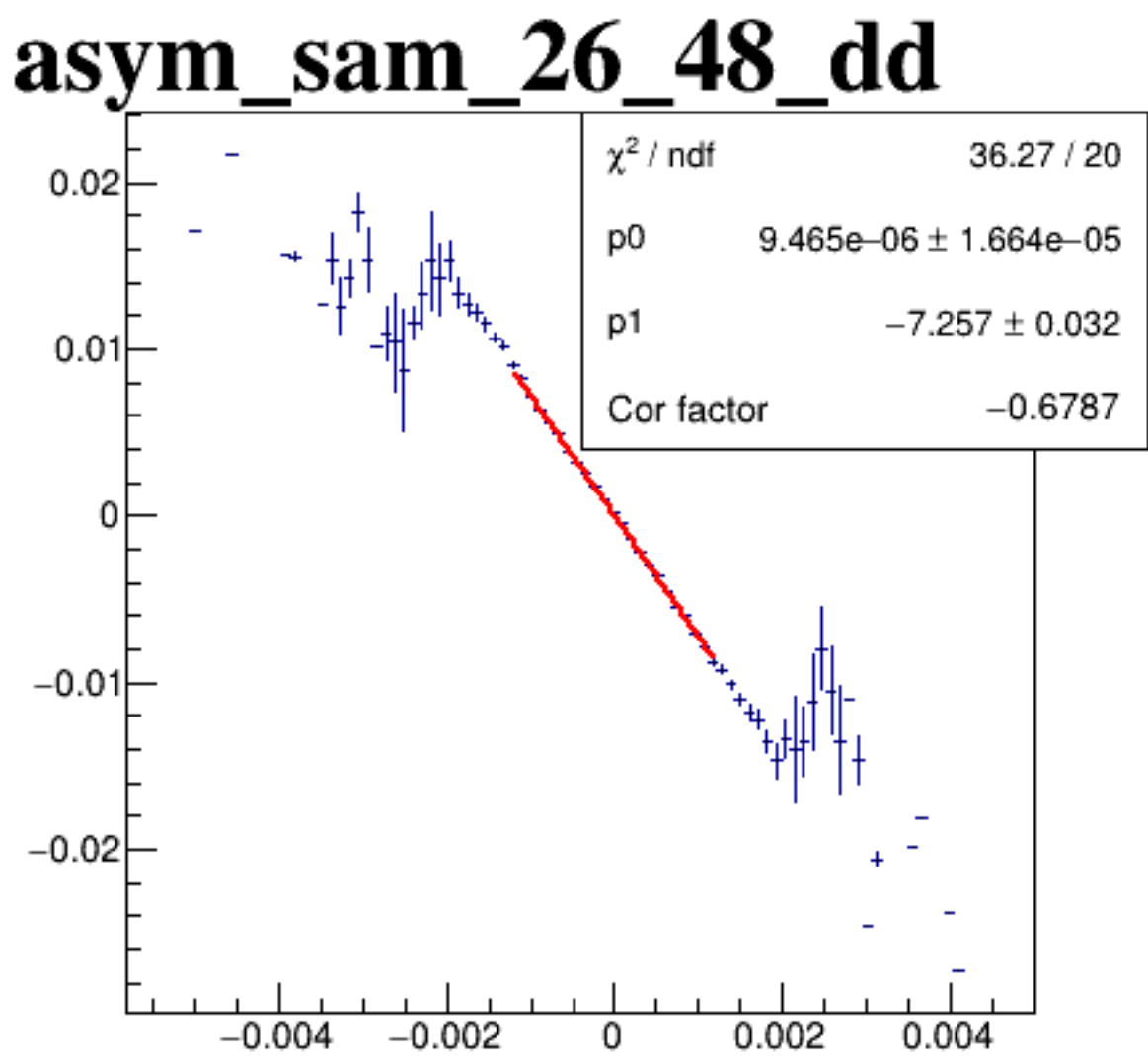
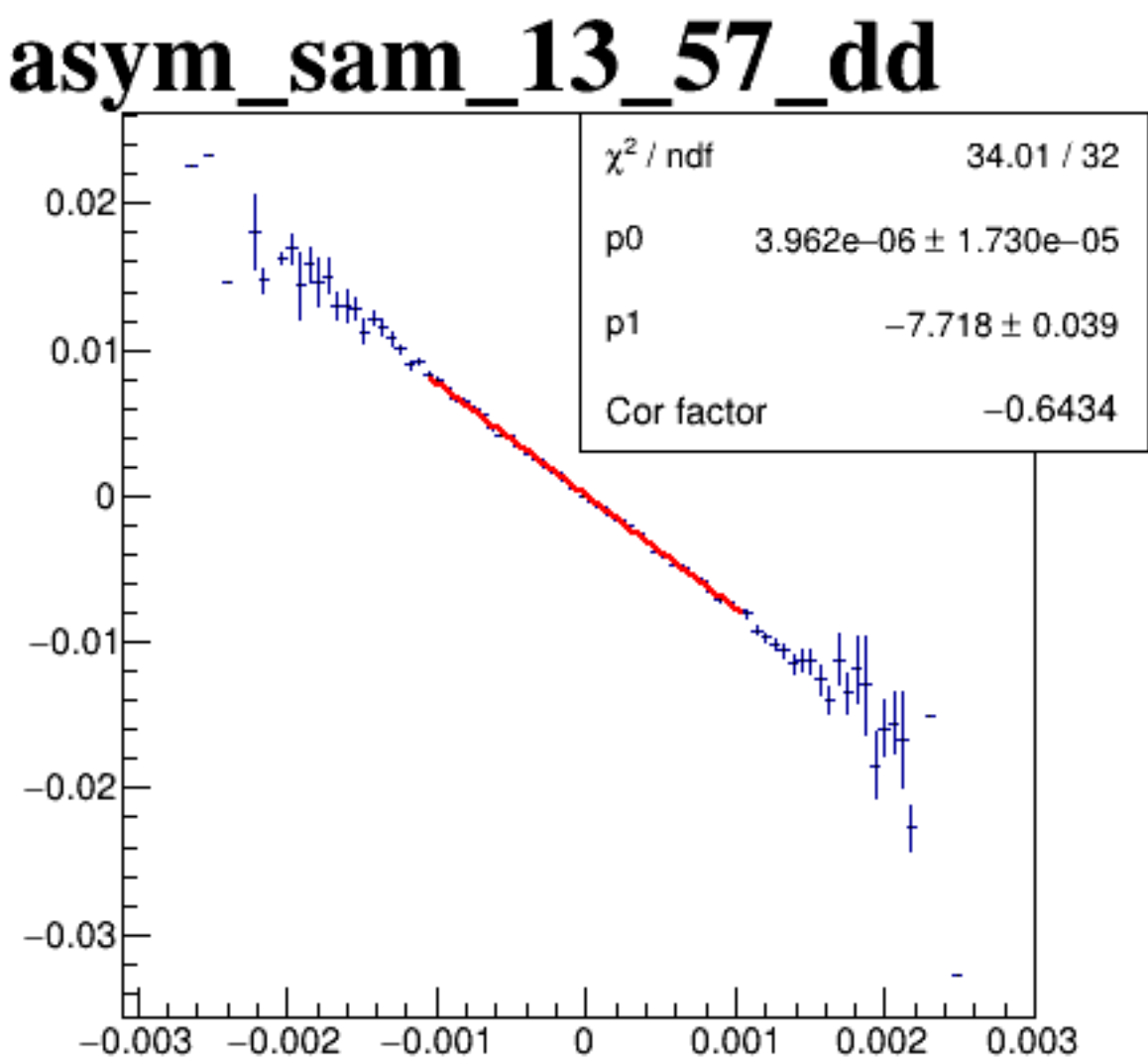
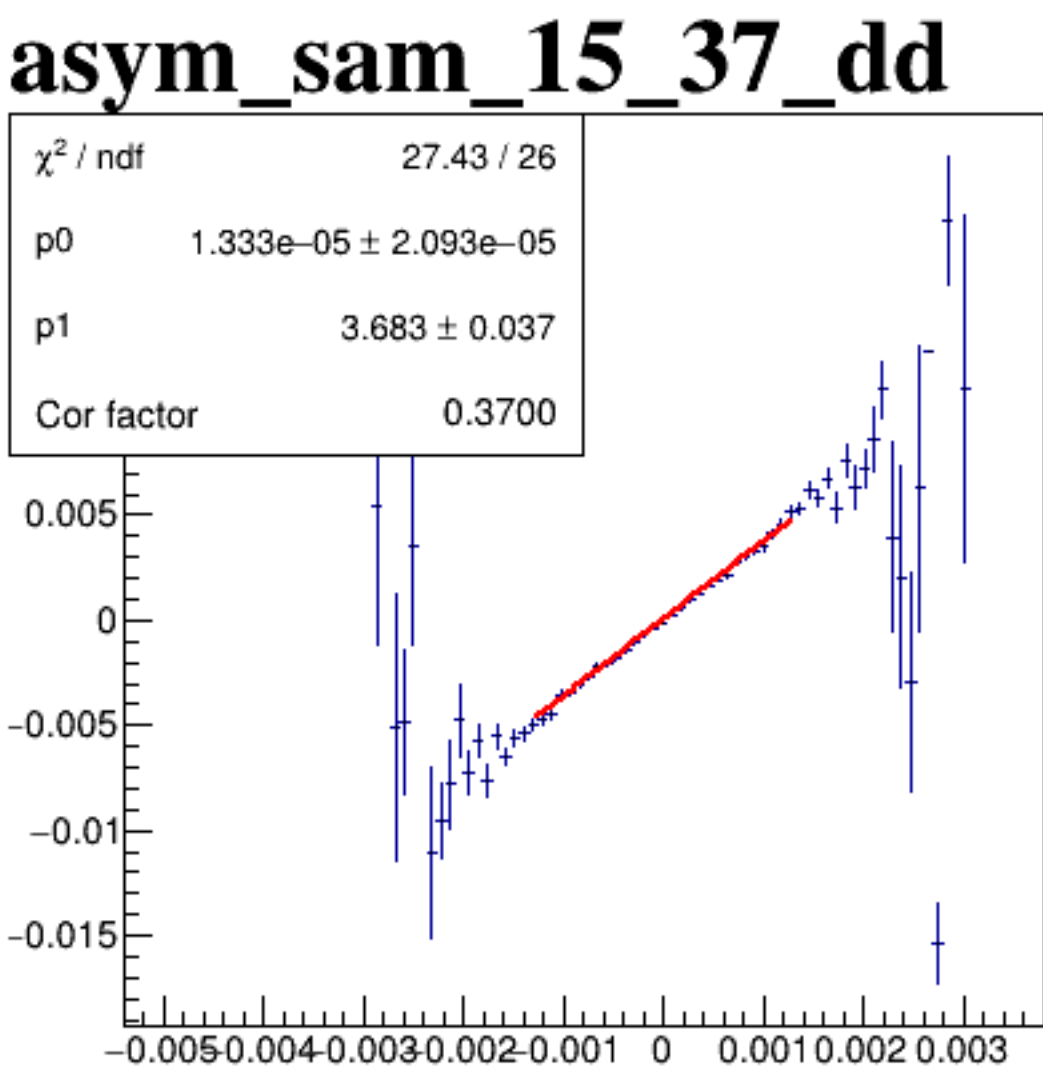
diff_bpm4aY



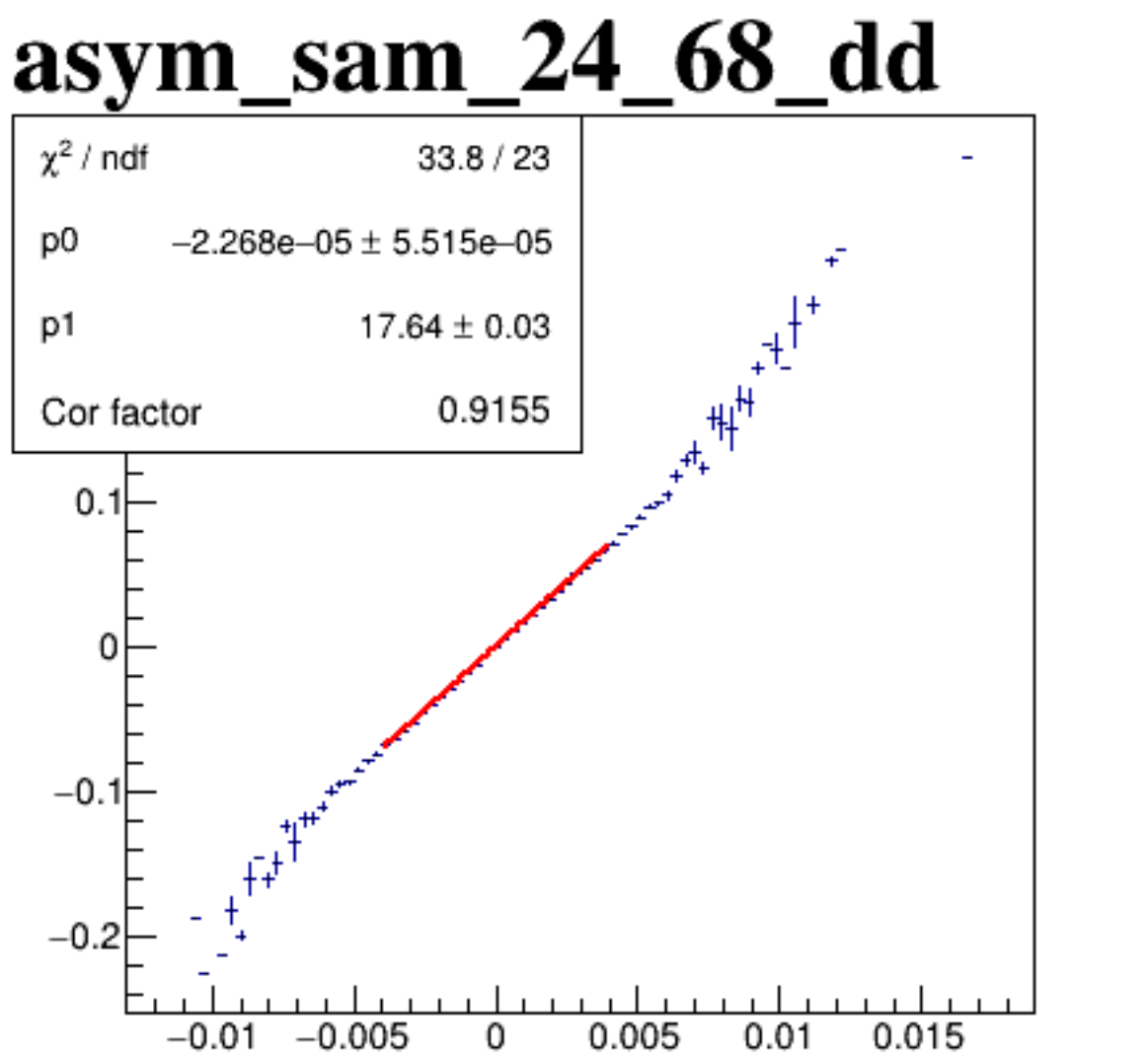
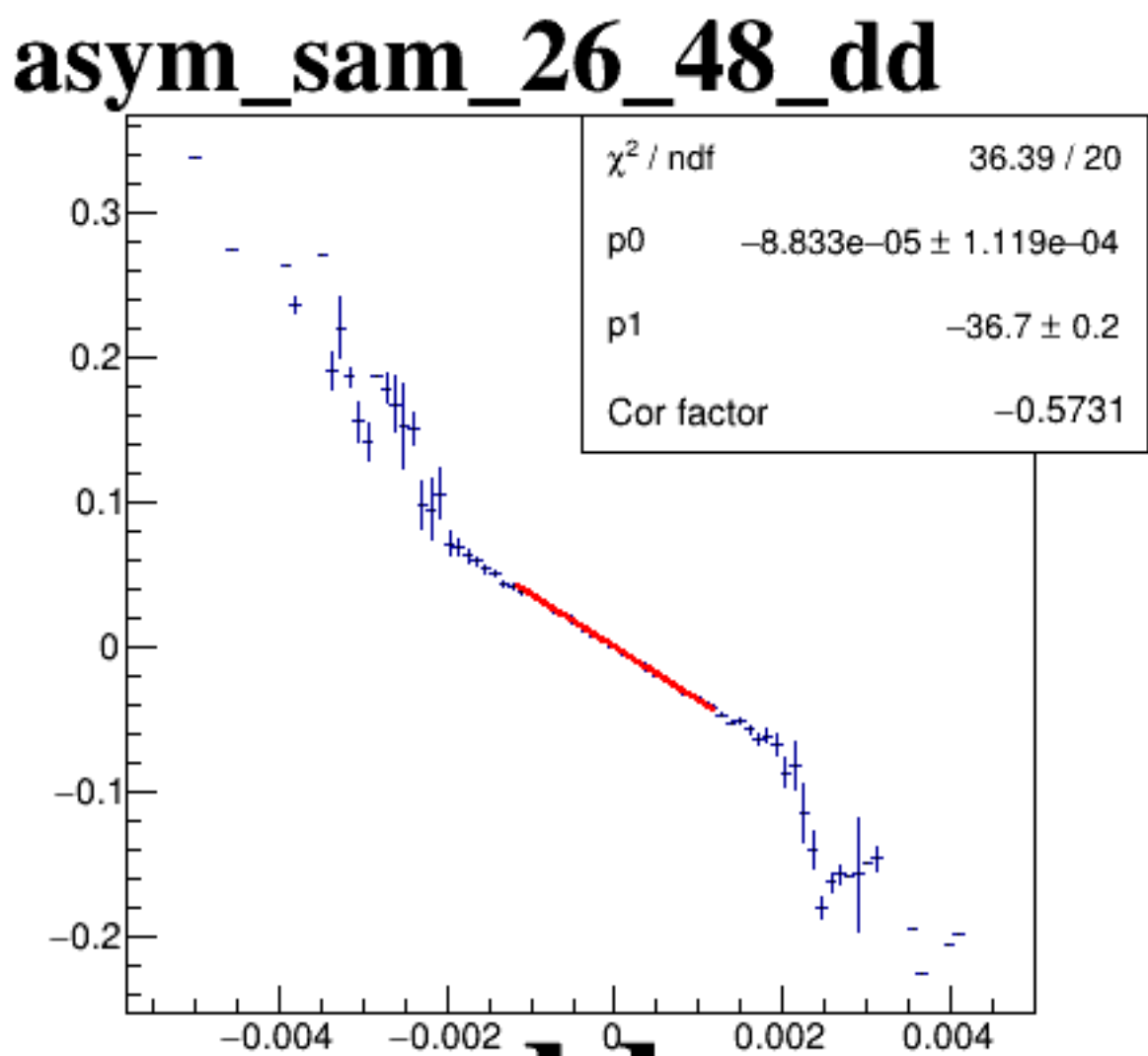
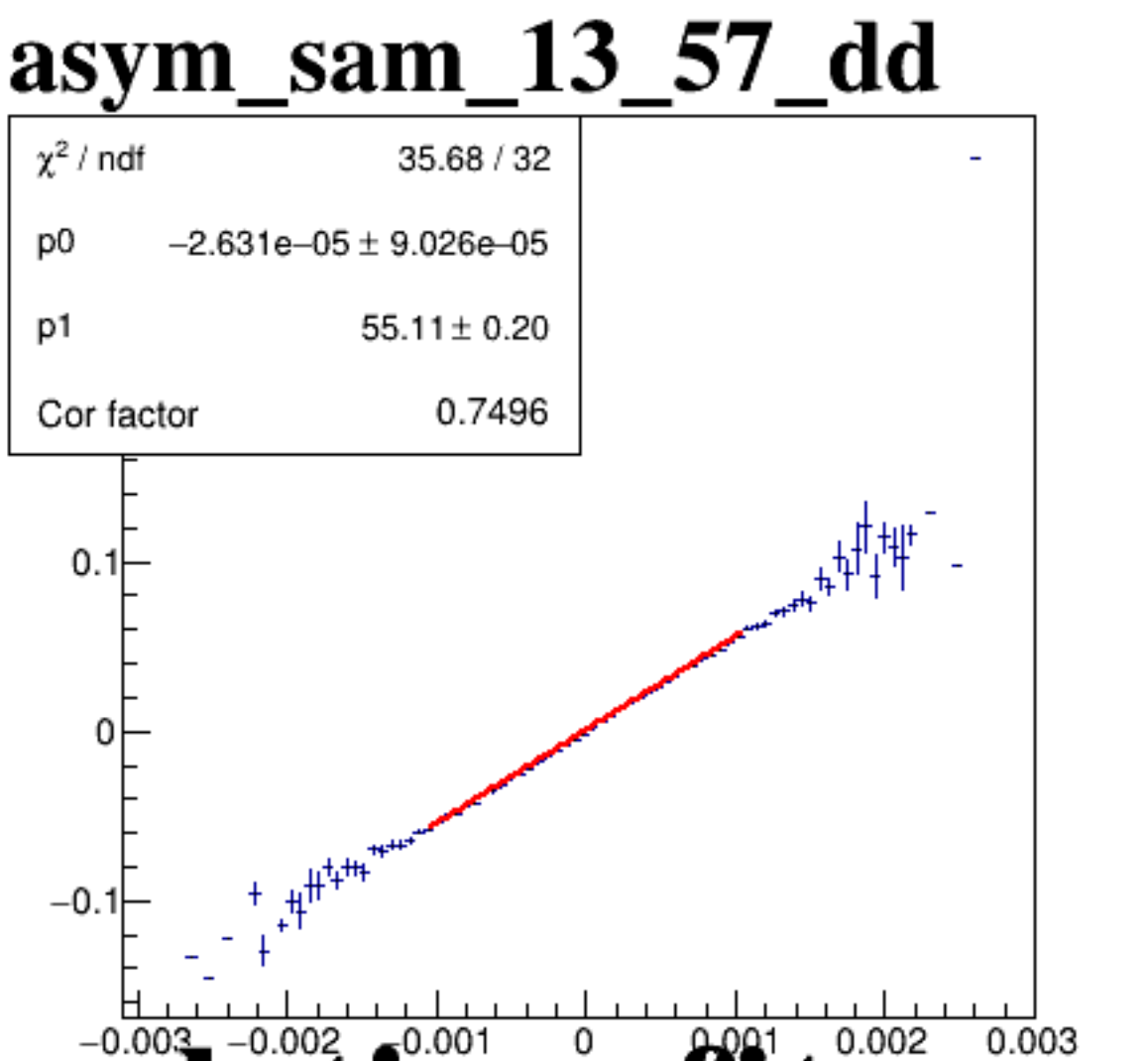
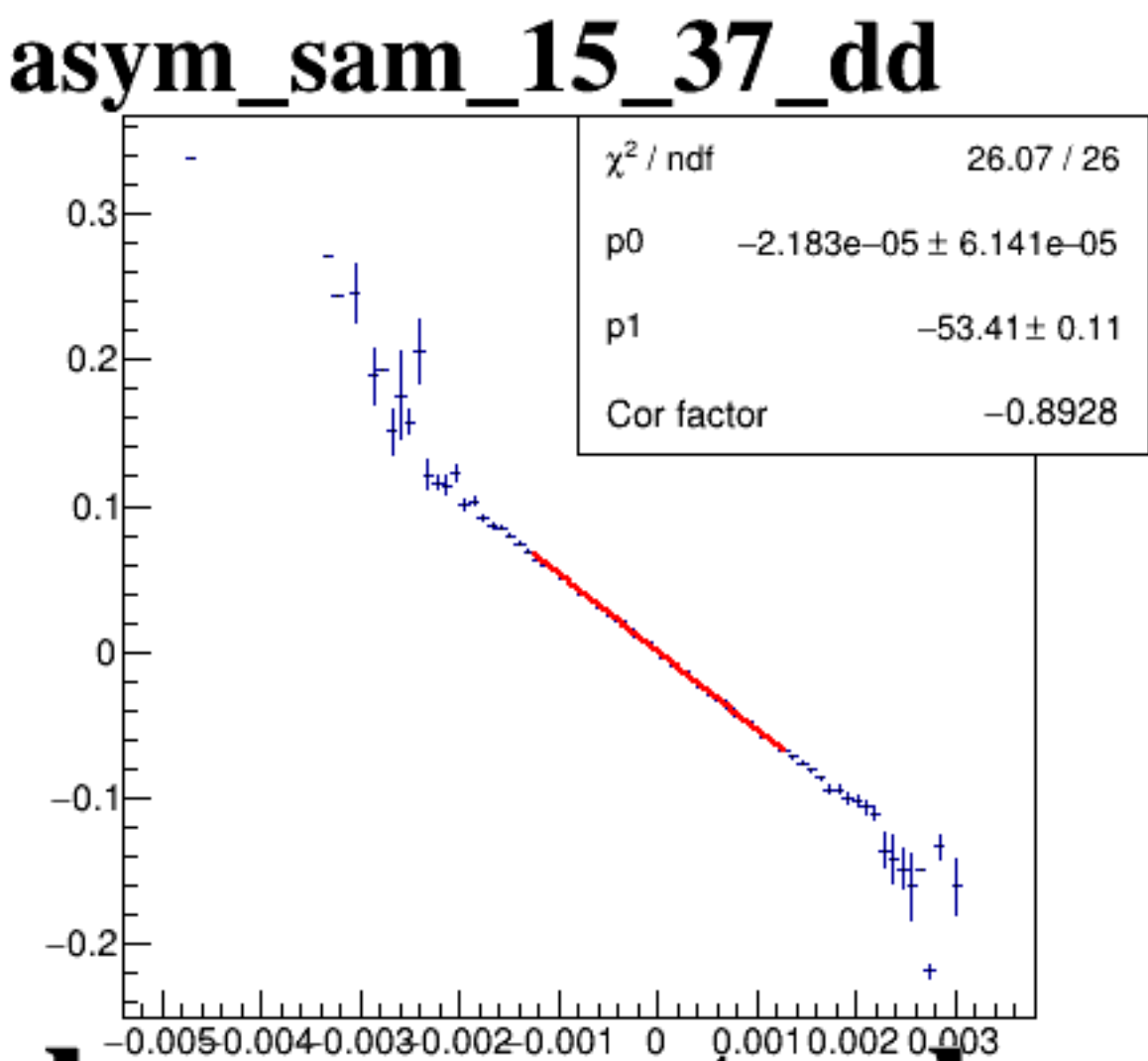
diff_bpm4eX



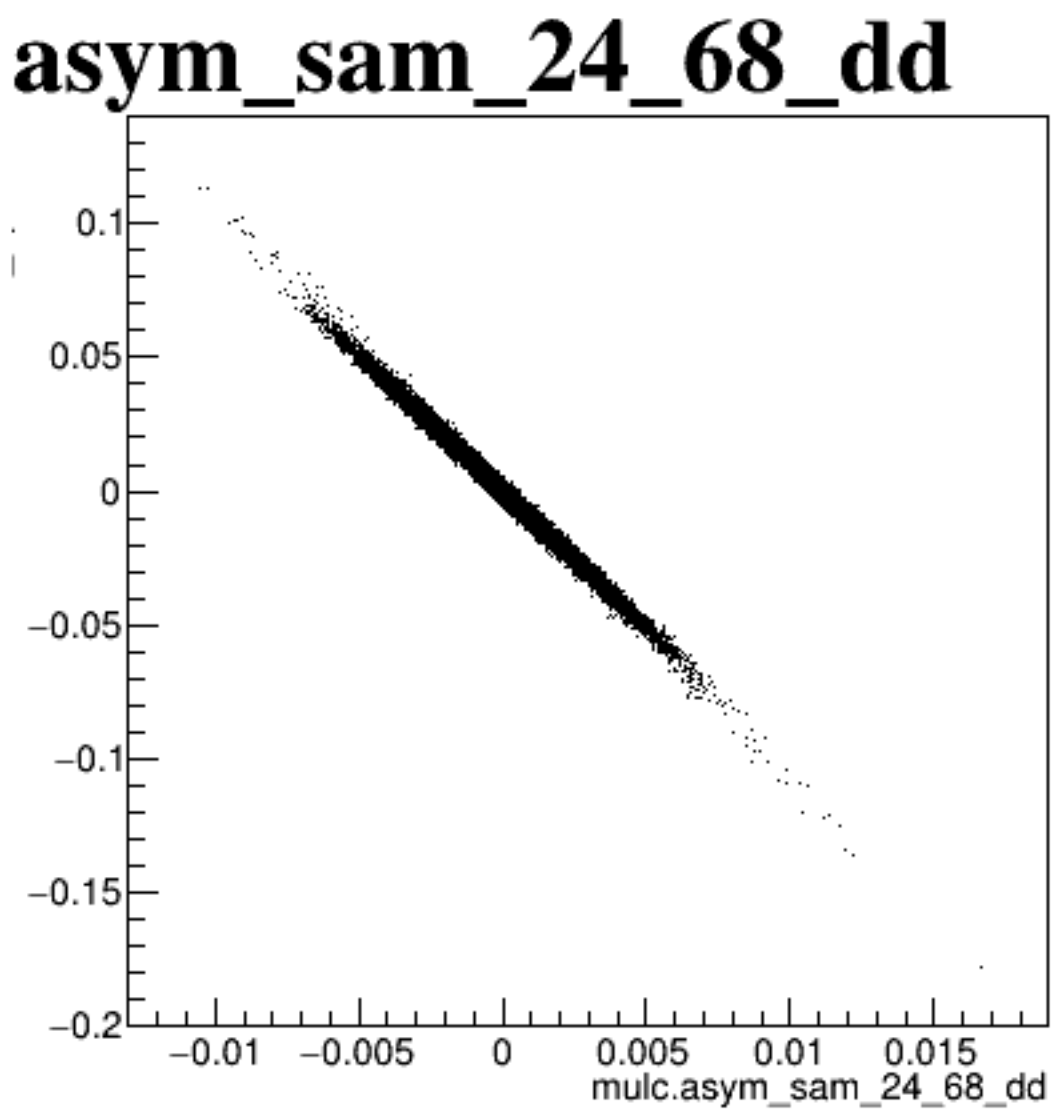
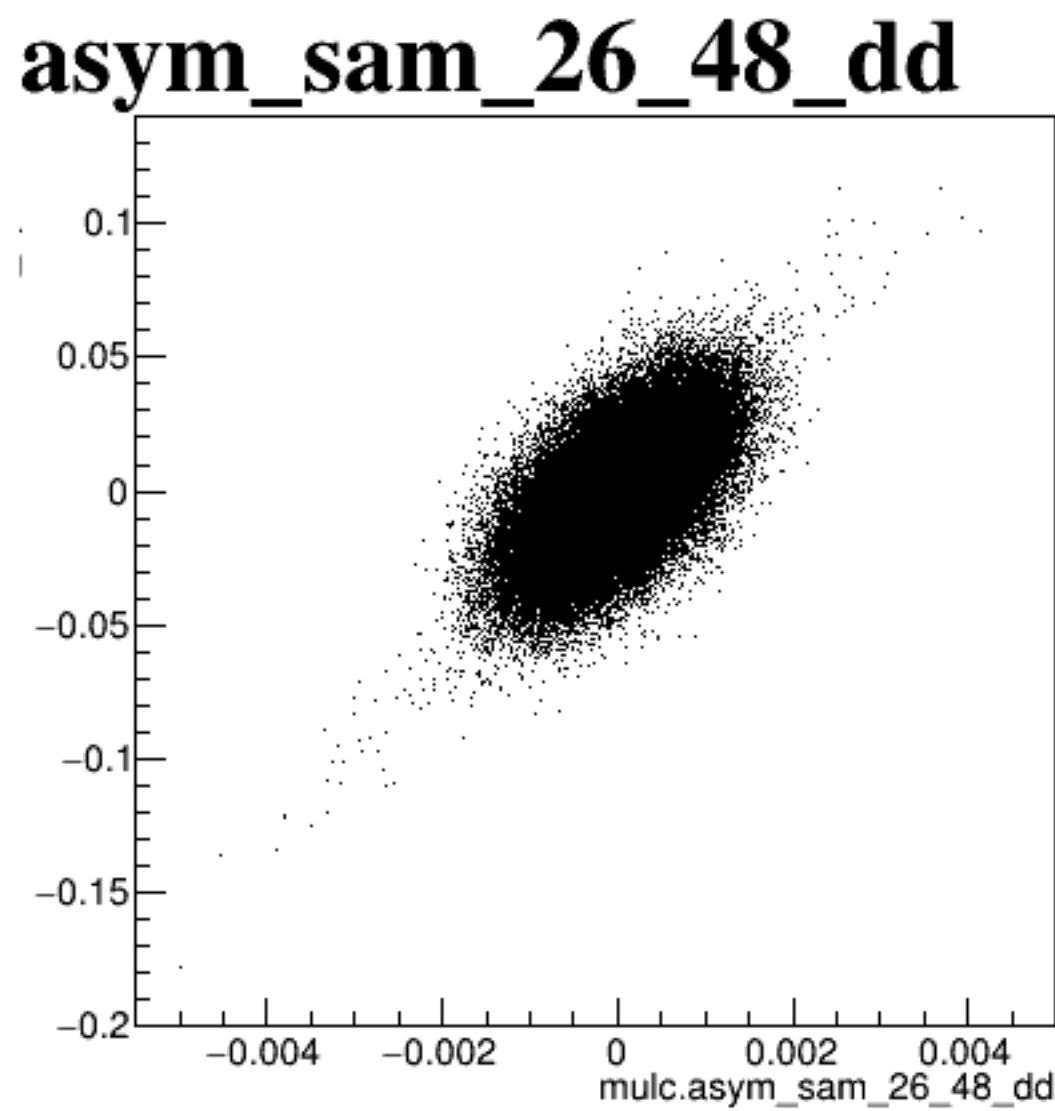
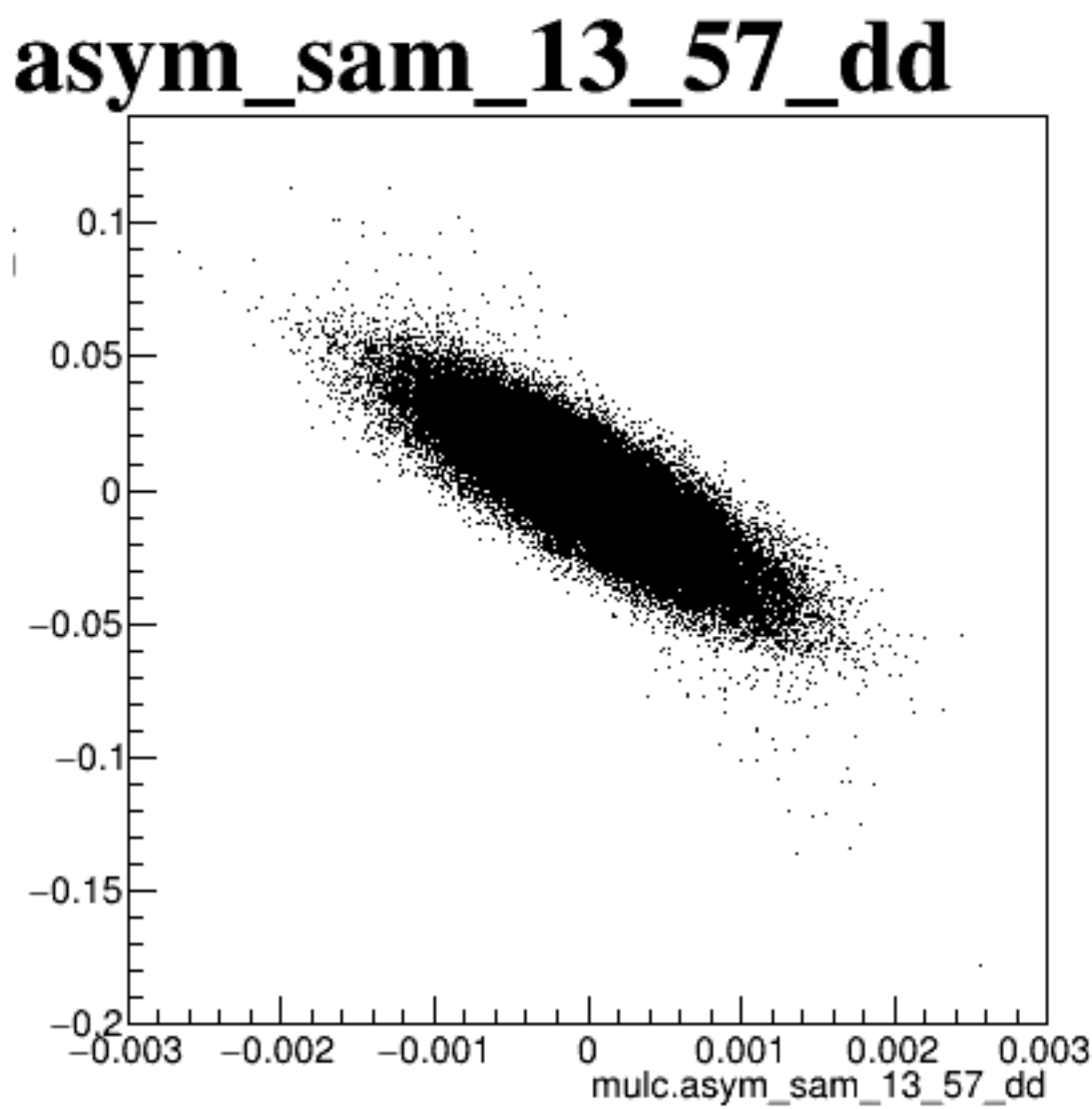
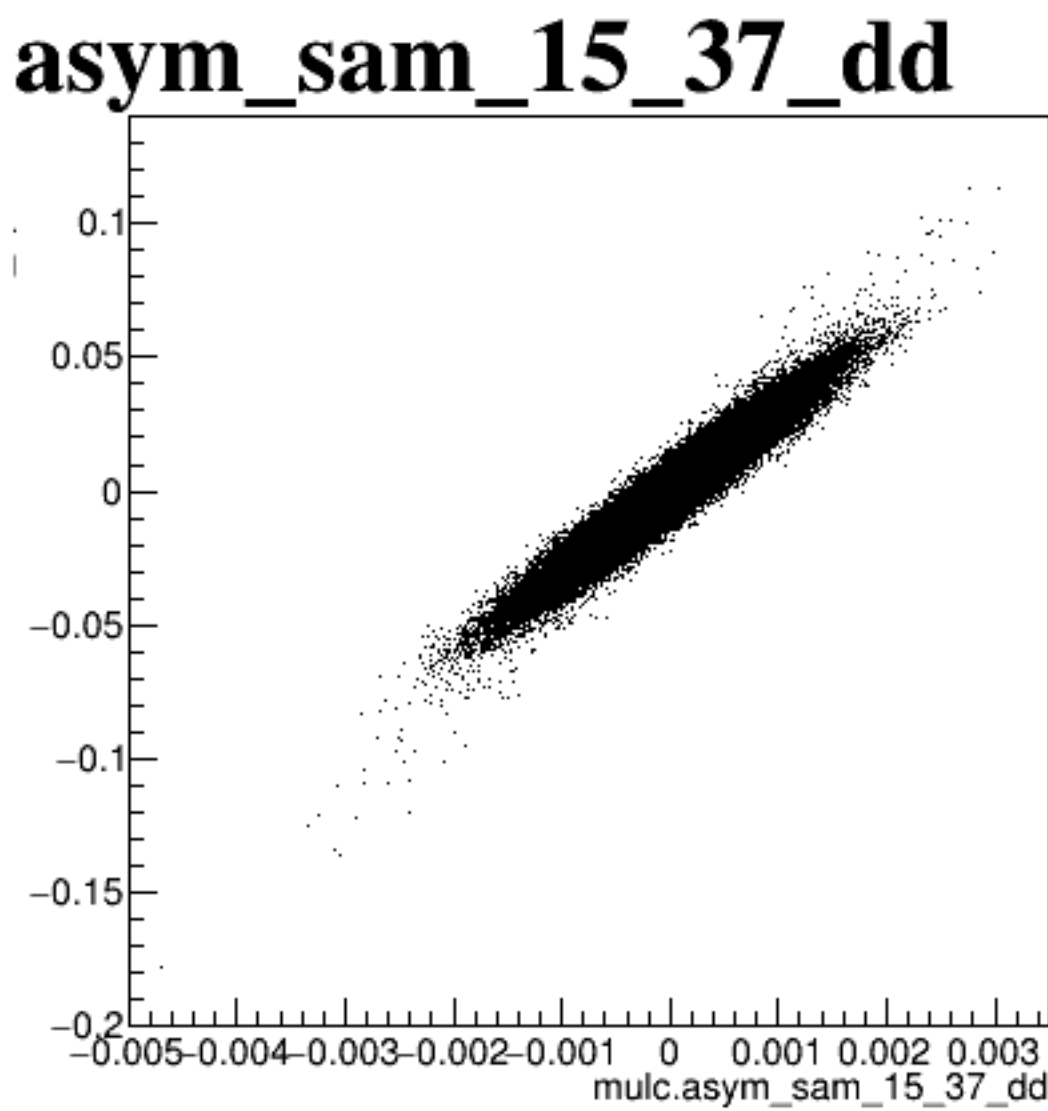
diff_bpm4eY



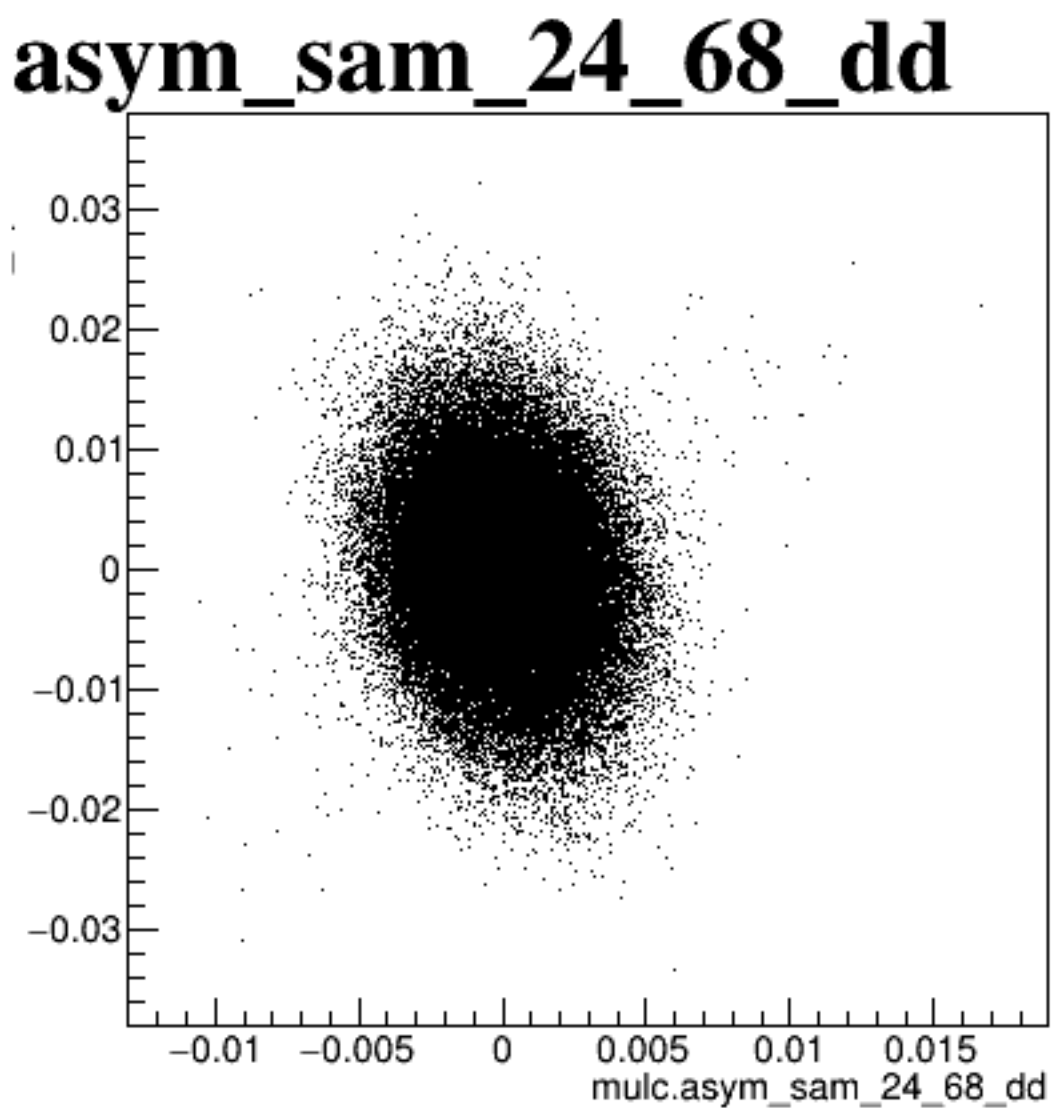
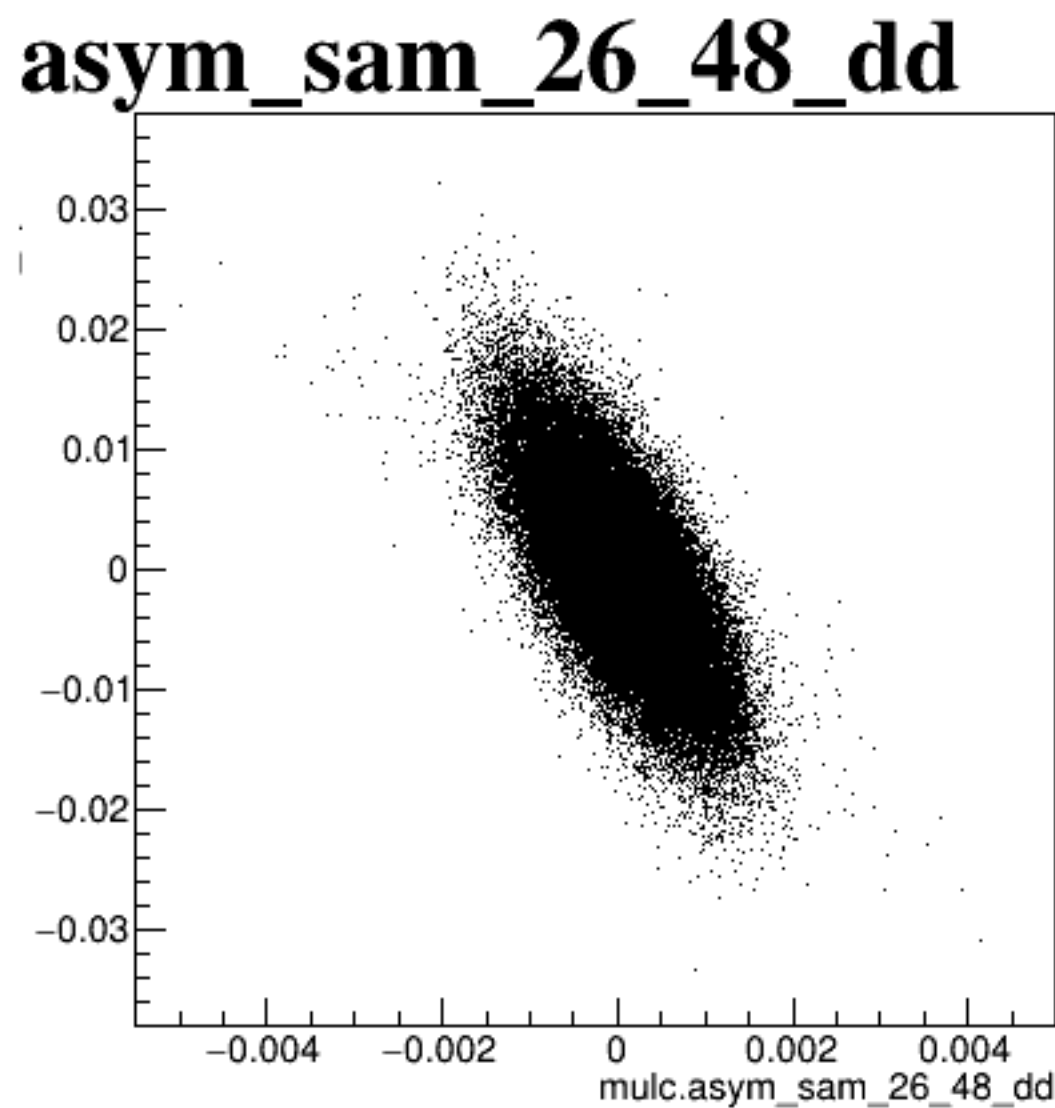
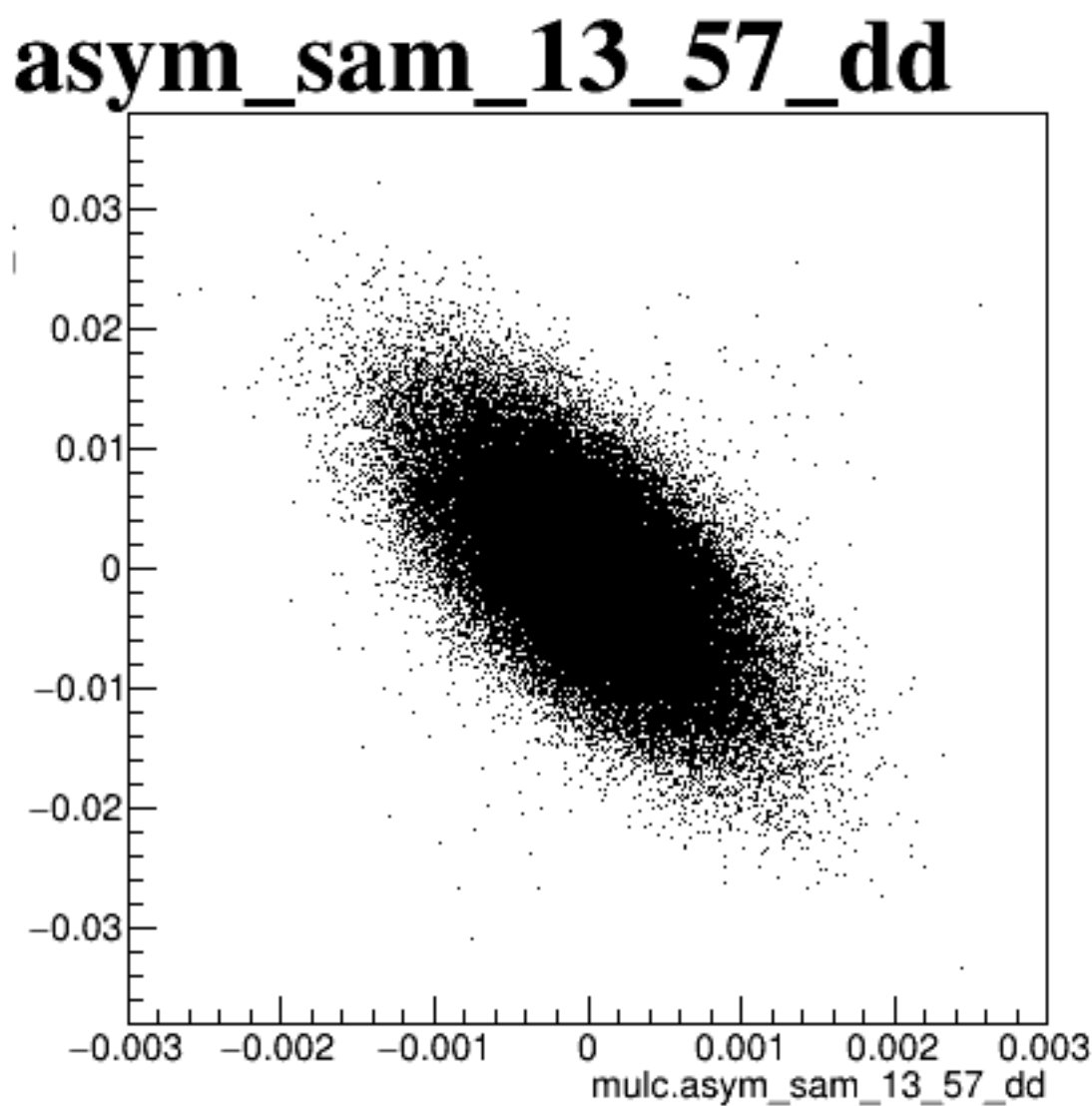
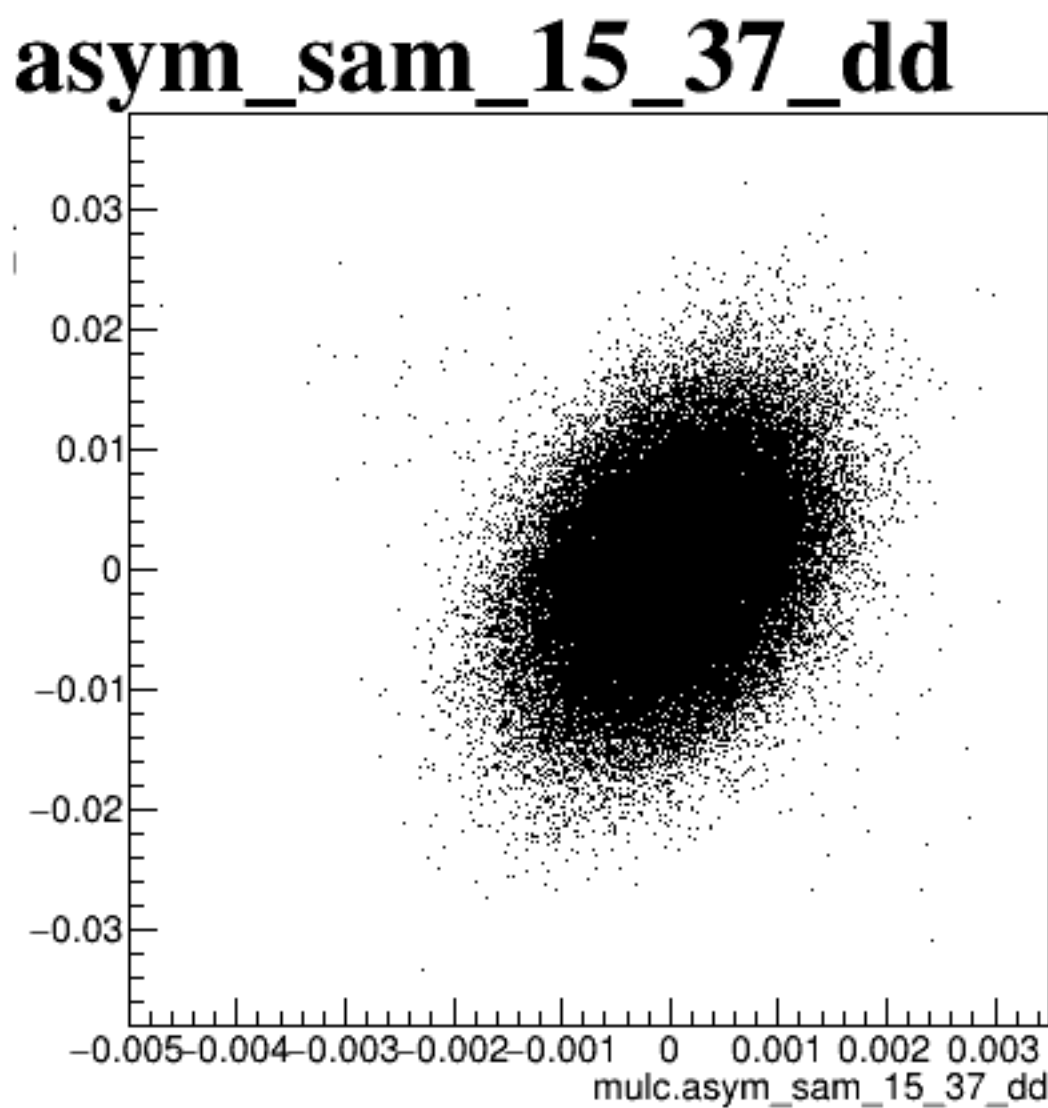
diff_bpm12X



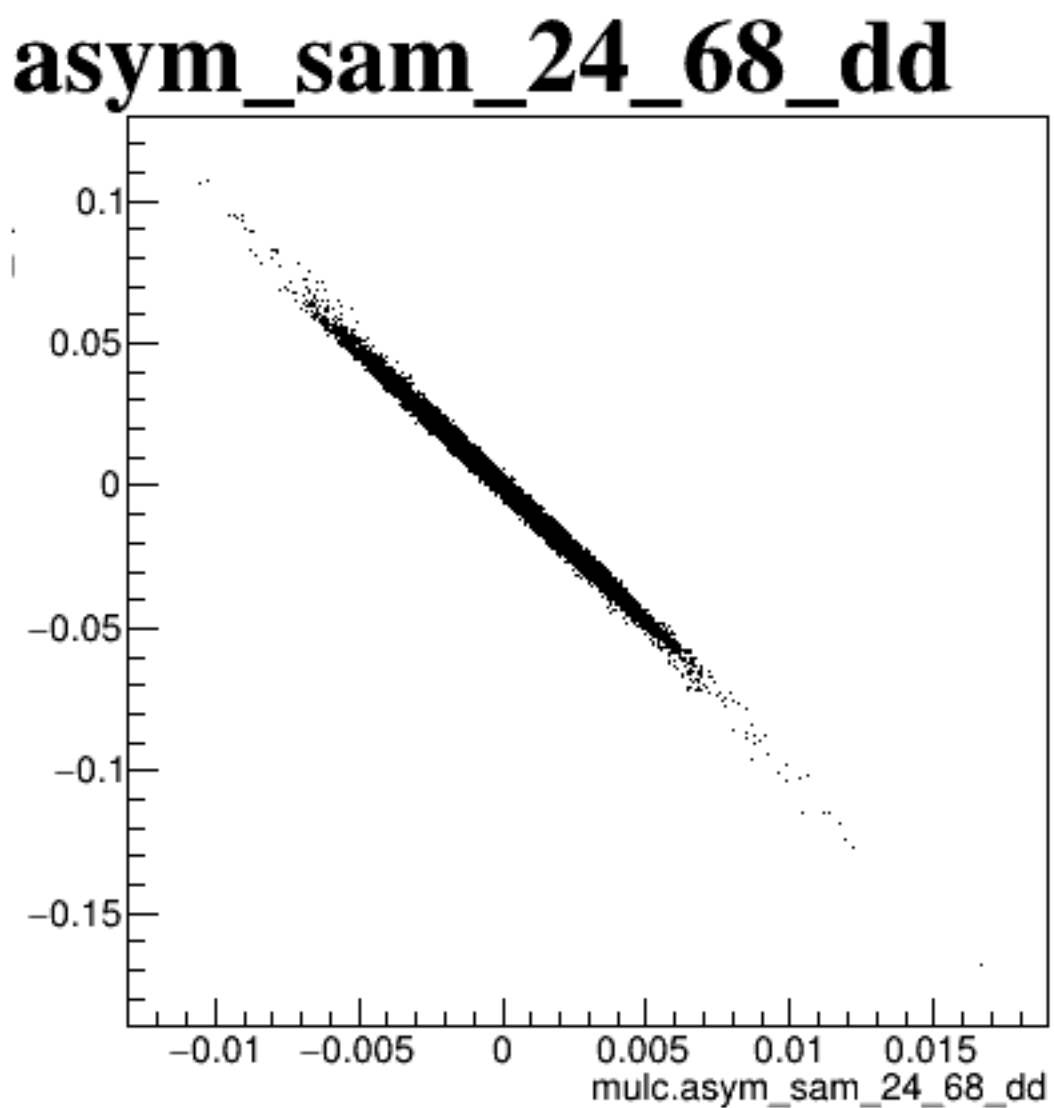
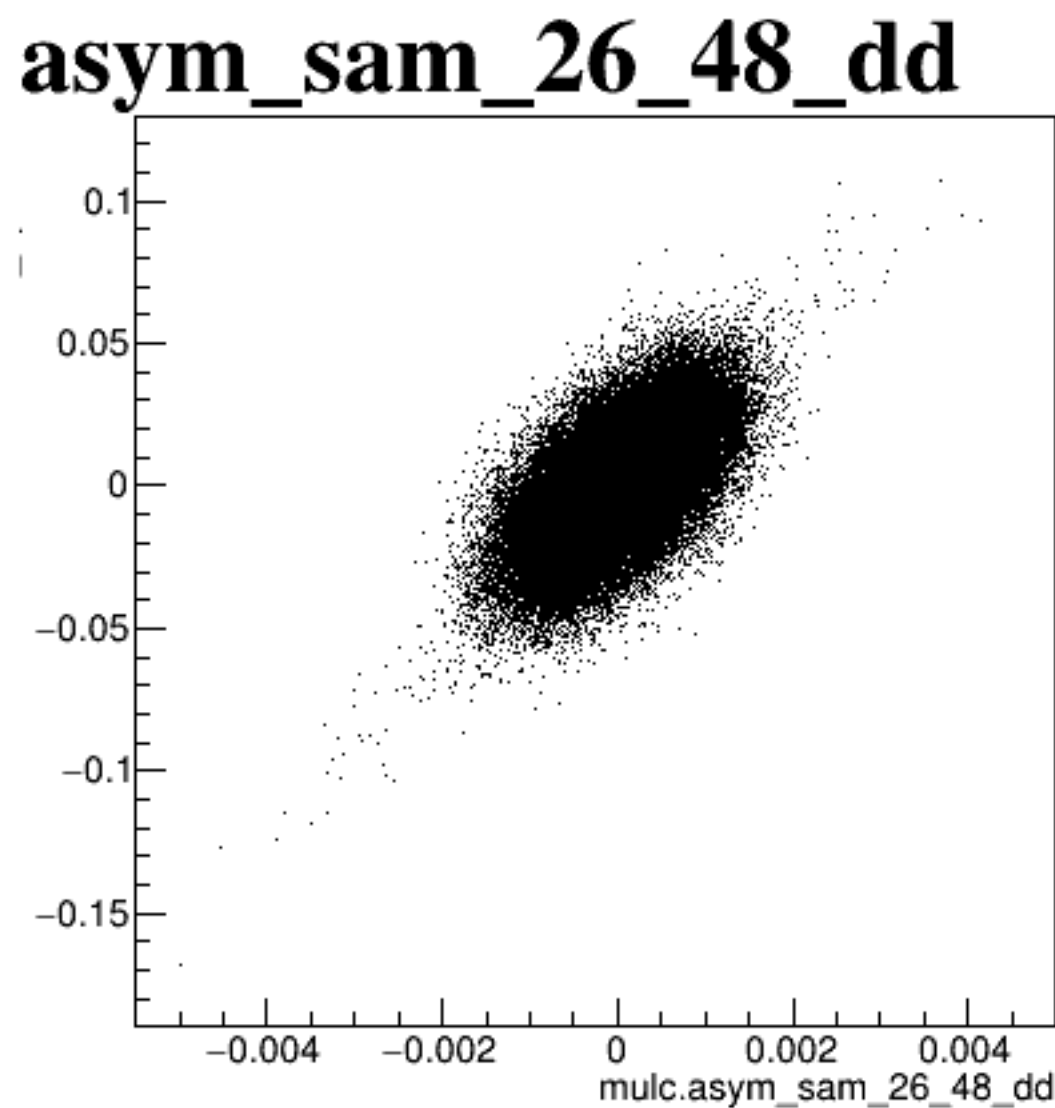
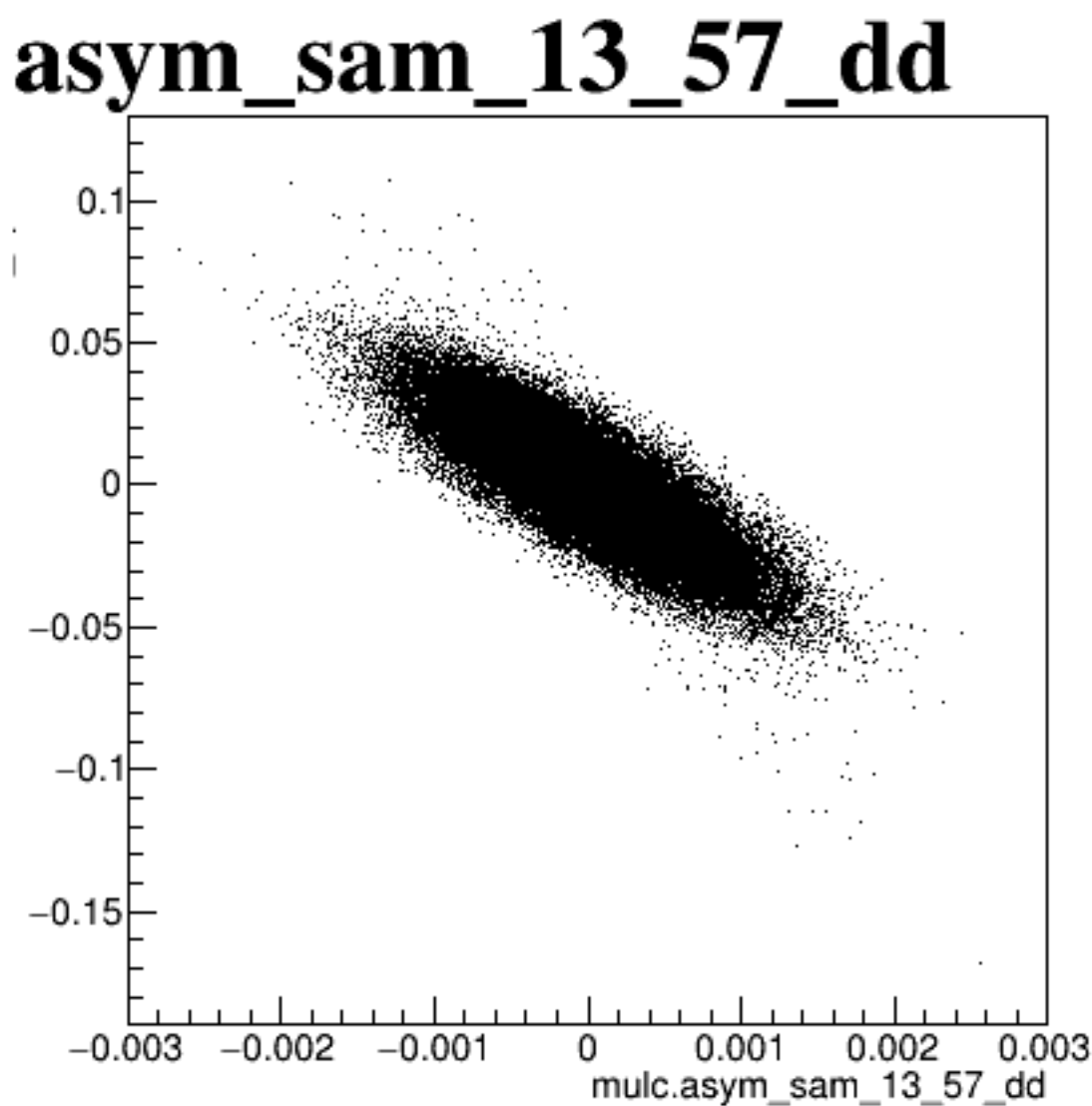
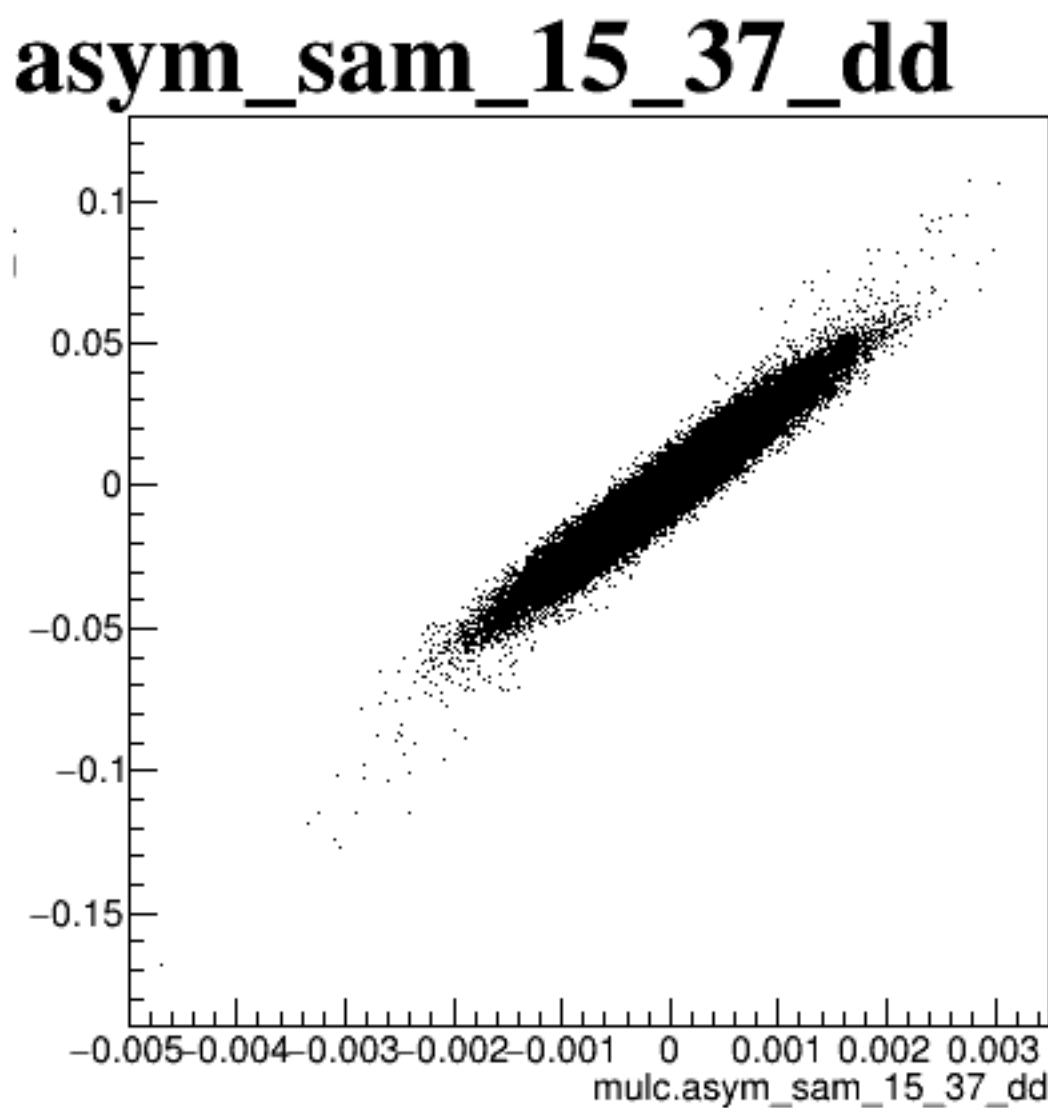
diff_bpm4aX



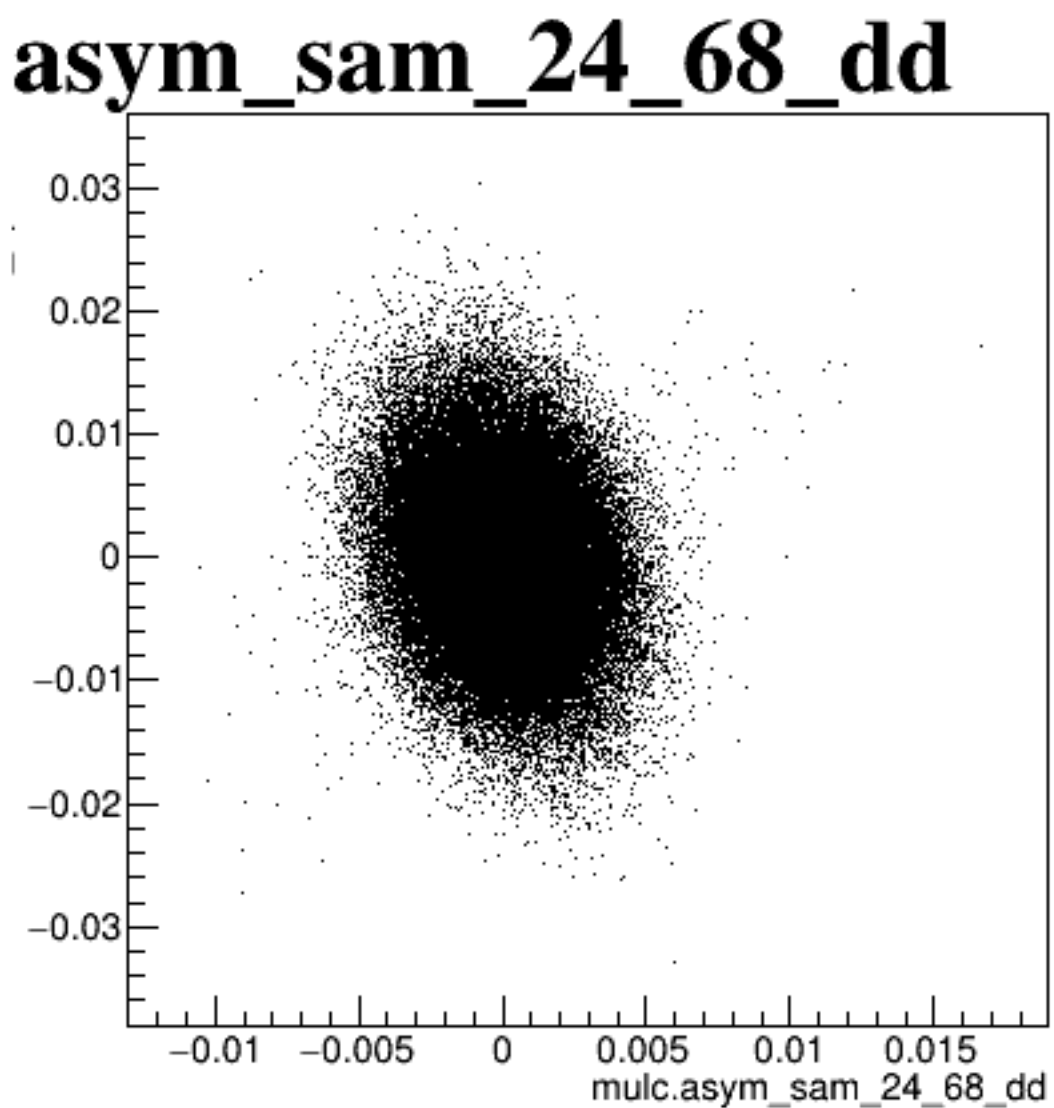
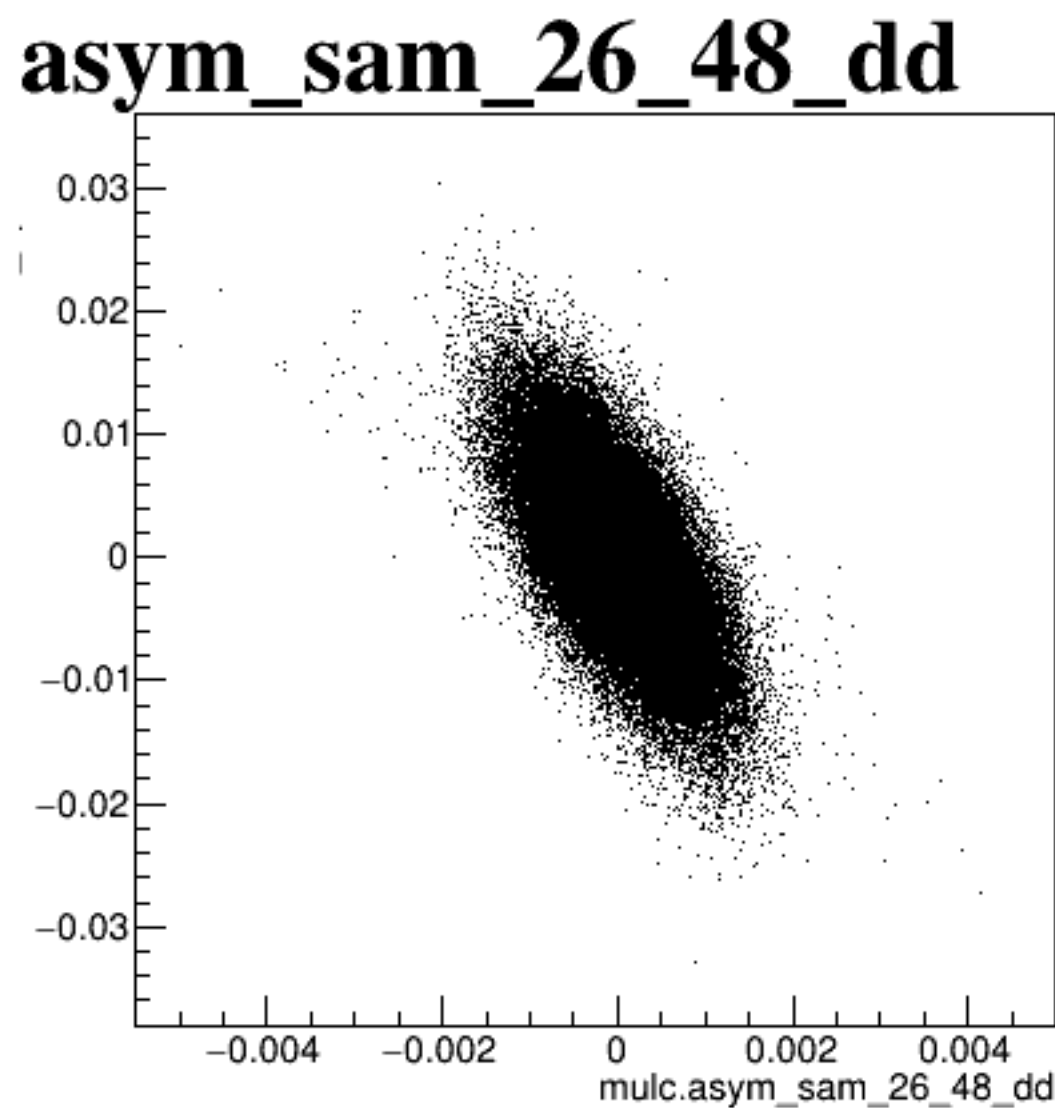
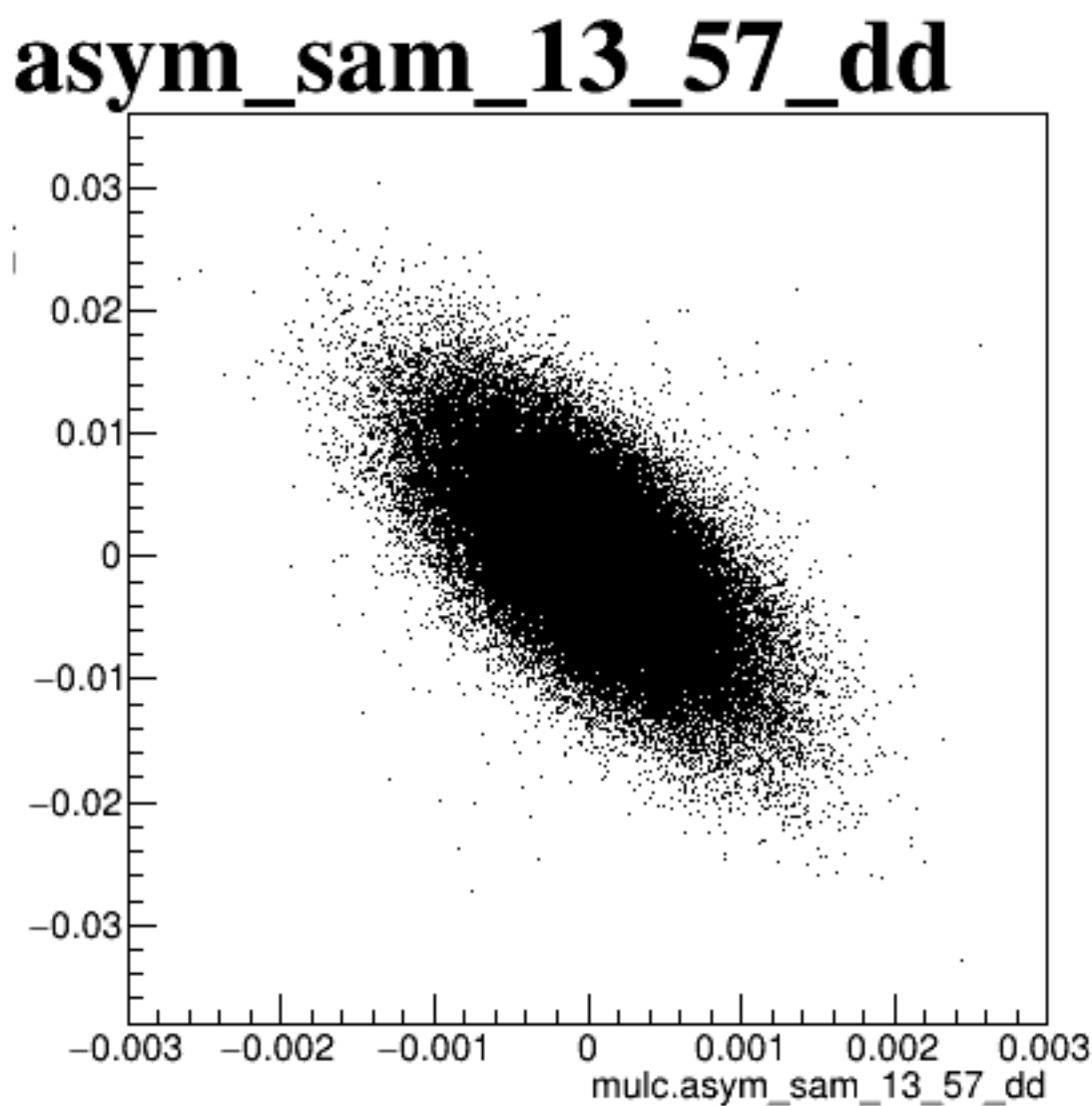
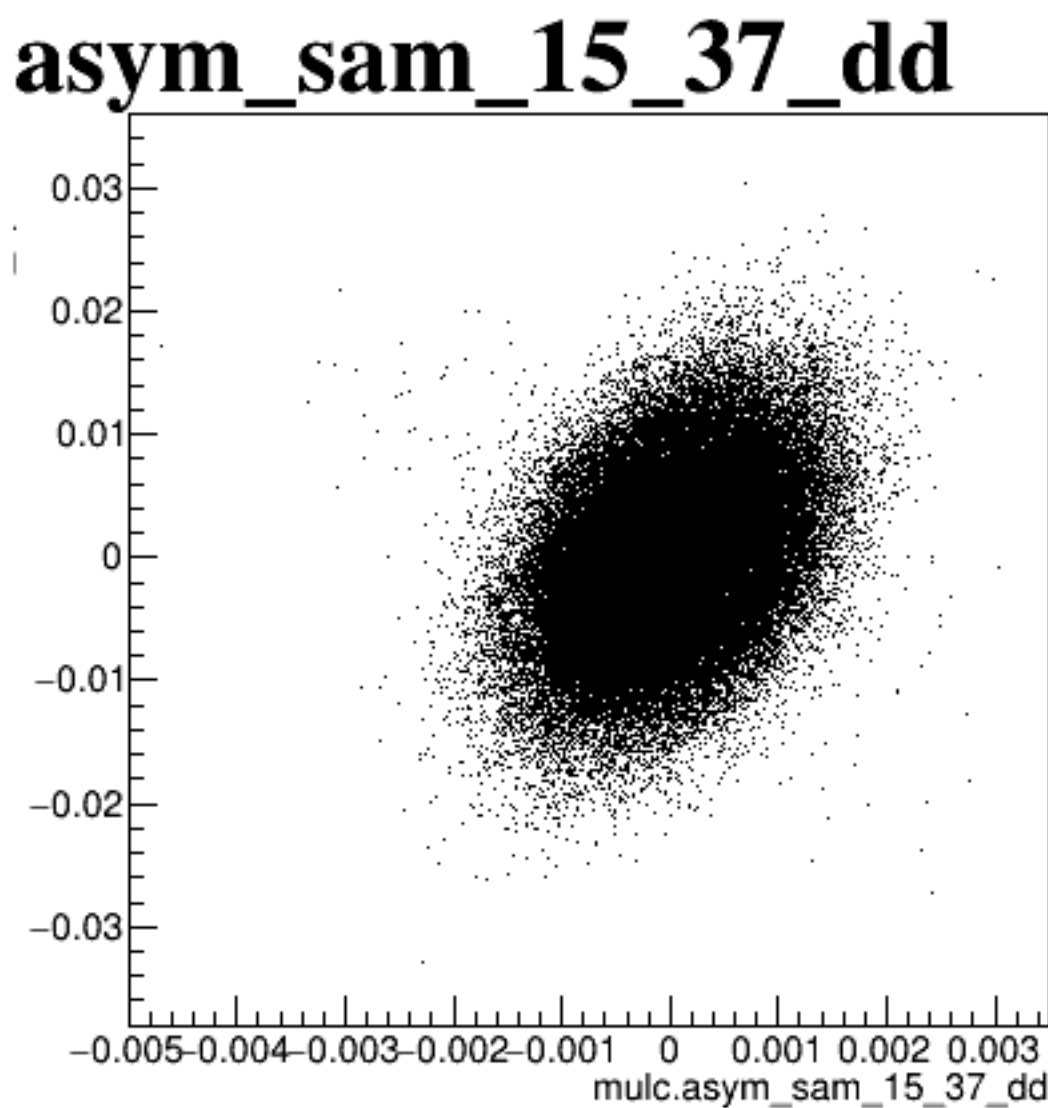
diff_bpm4aY



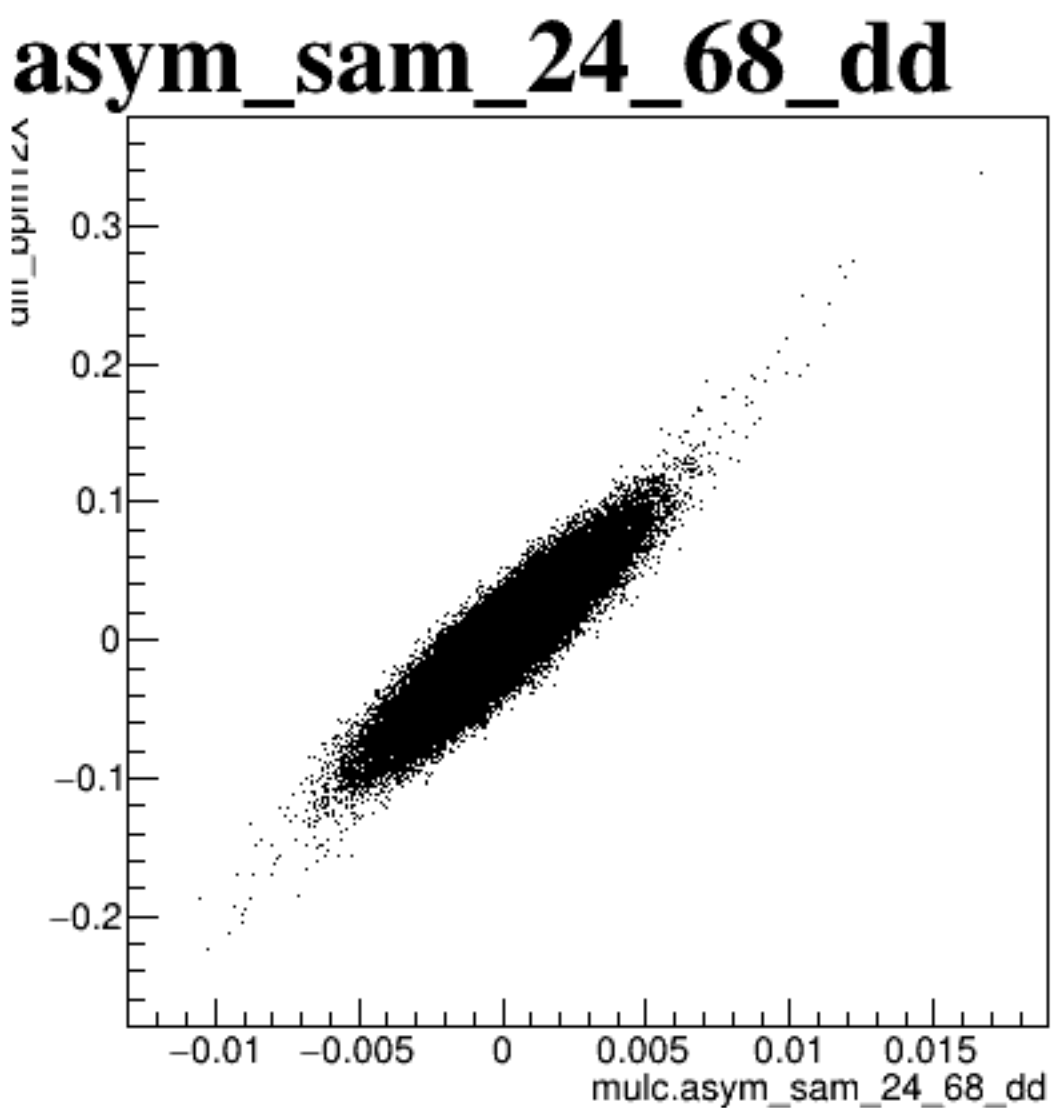
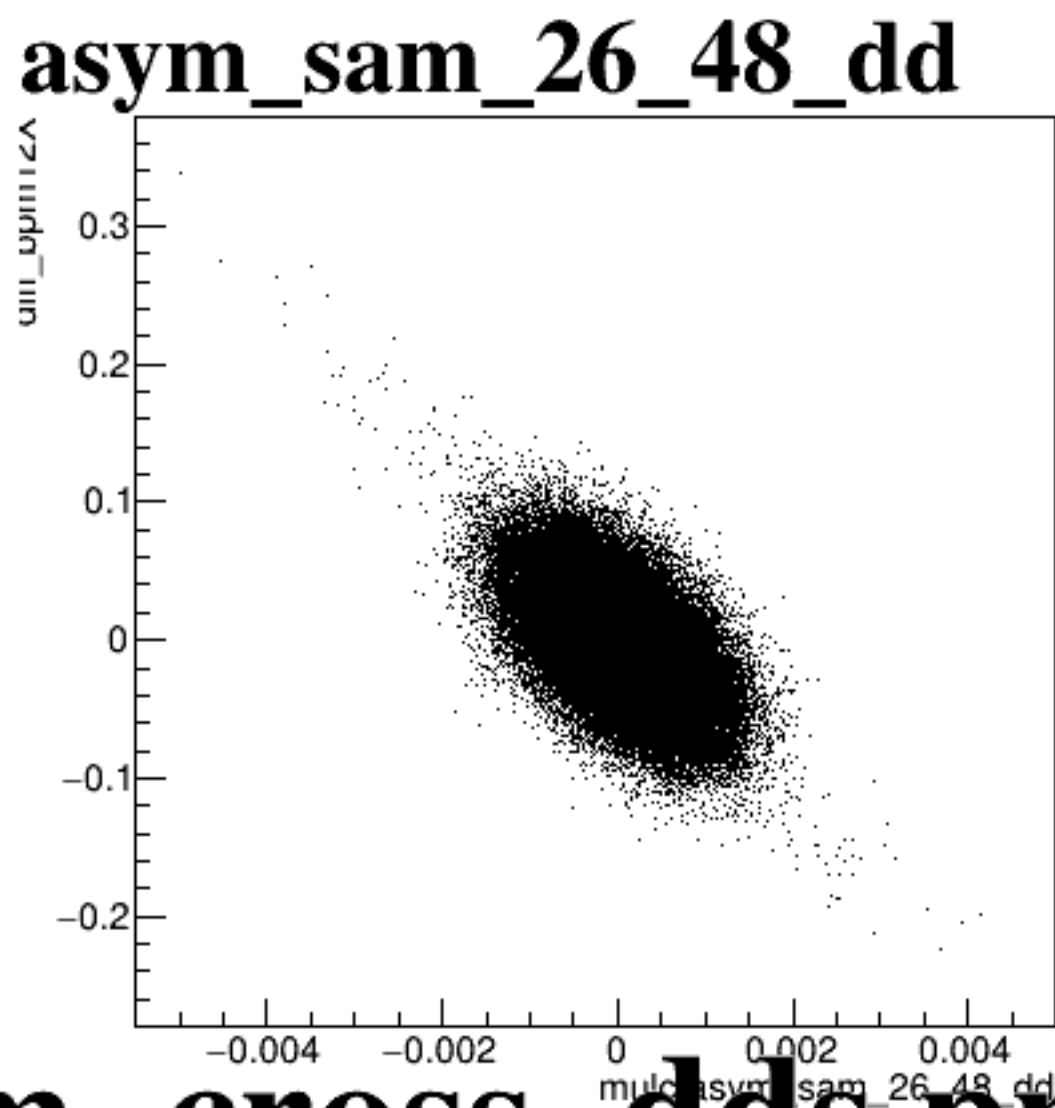
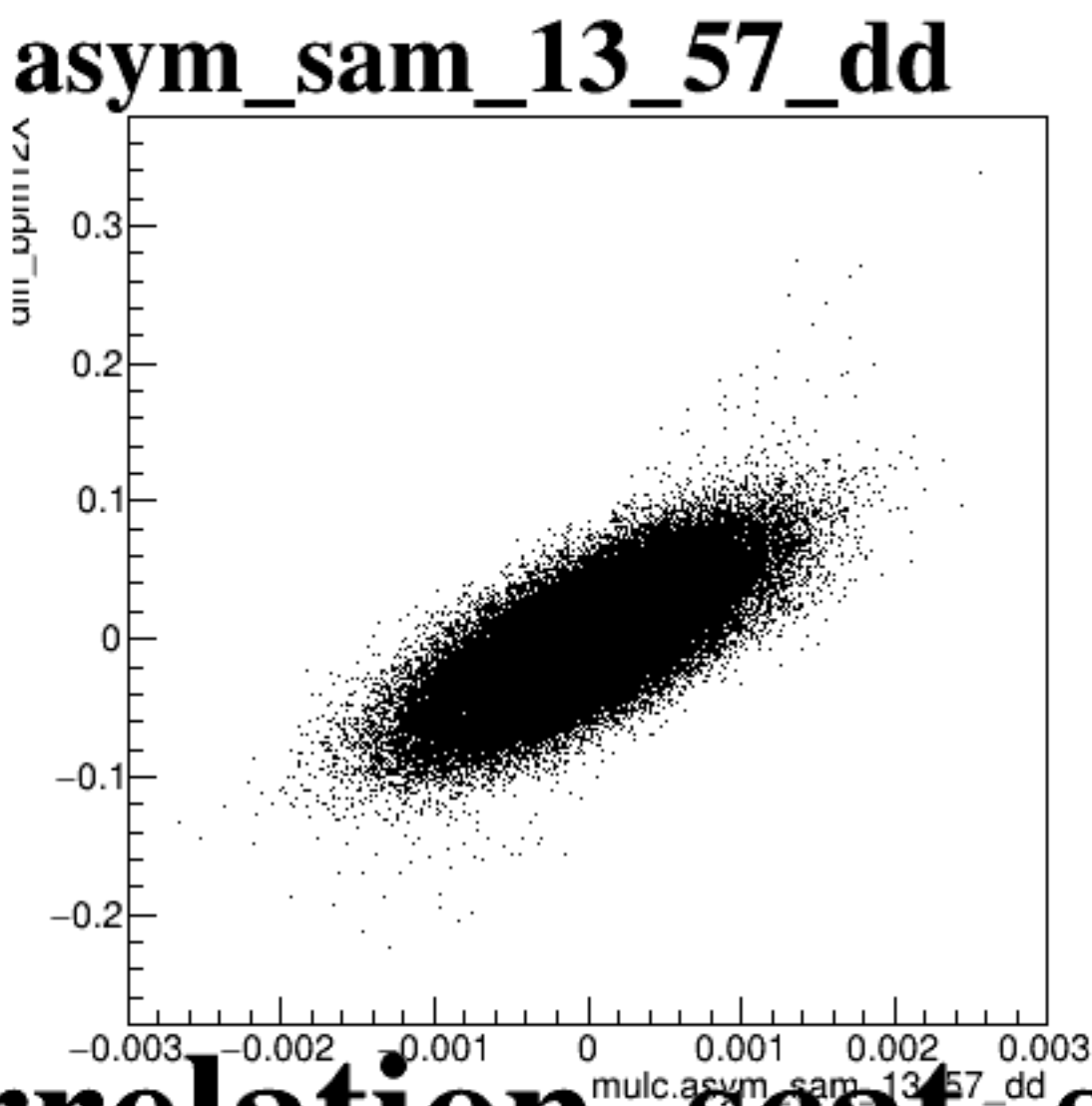
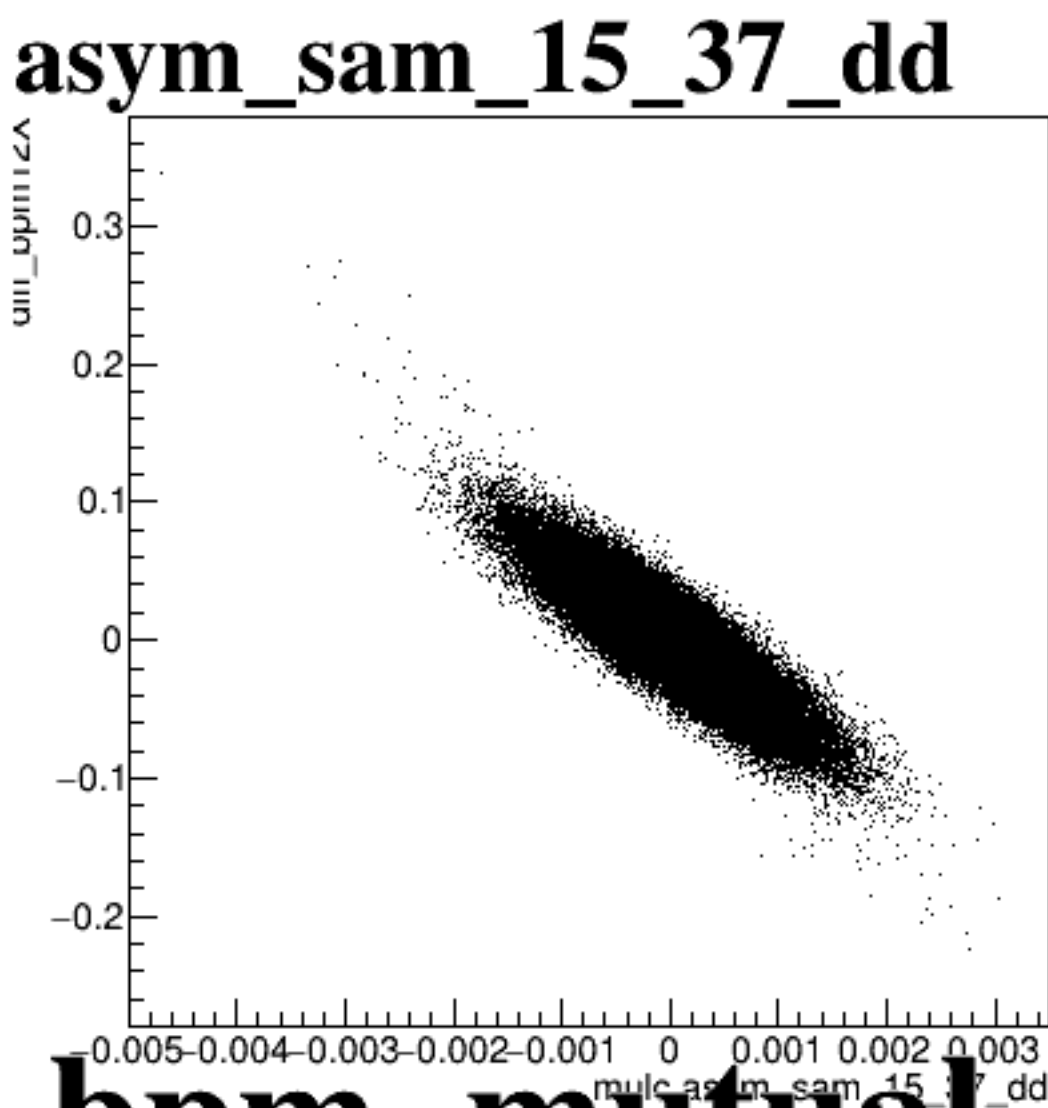
diff_bpm4eX



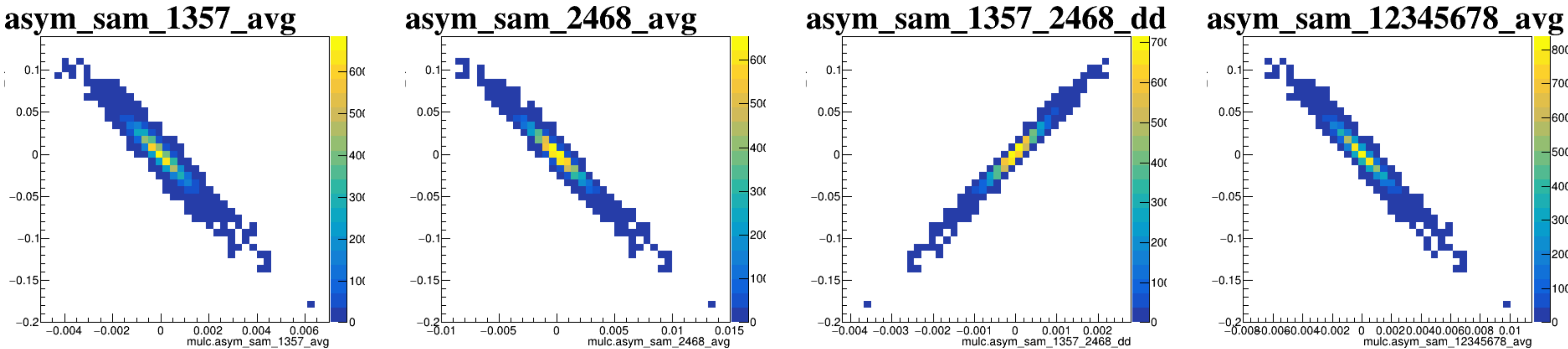
diff_bpm4eY



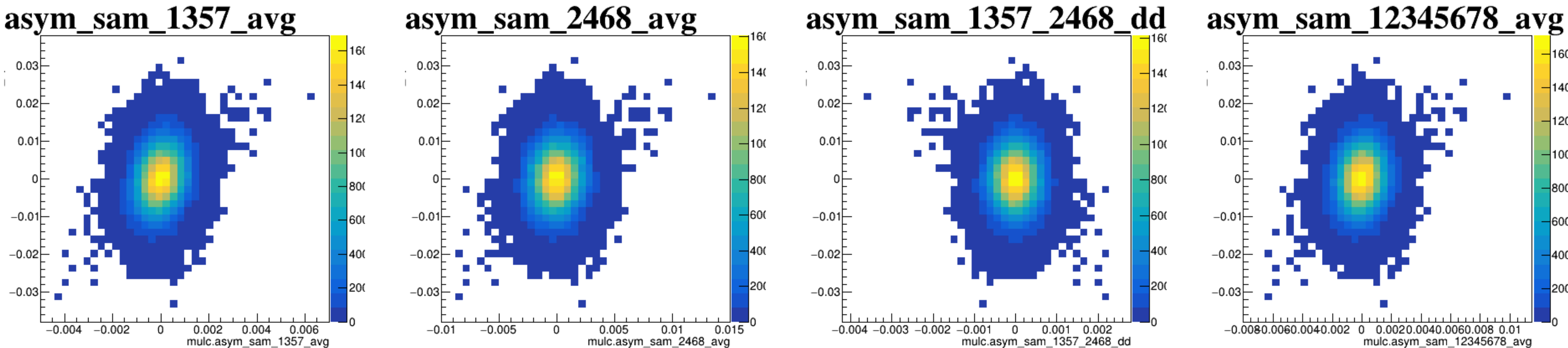
diff_bpm12X



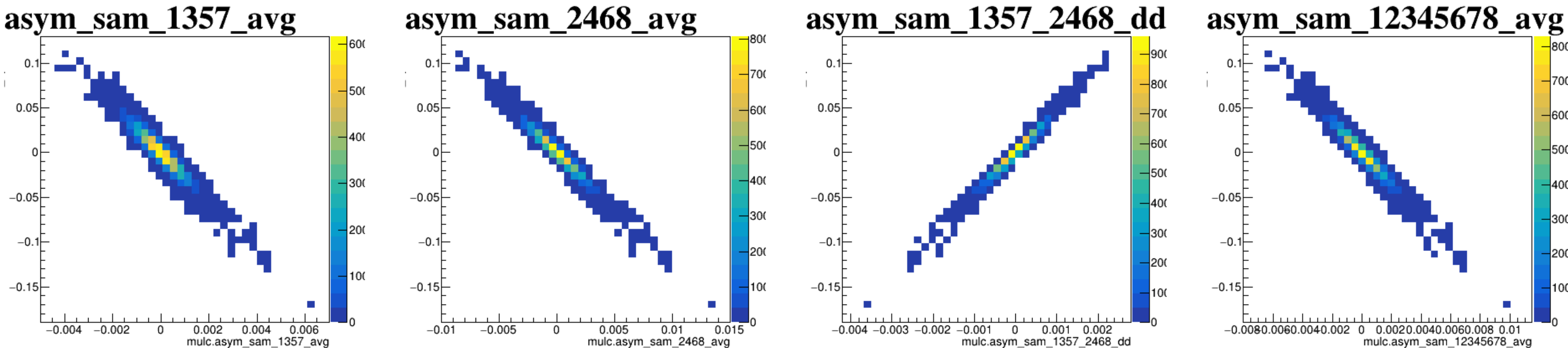
diff_bpm4aX



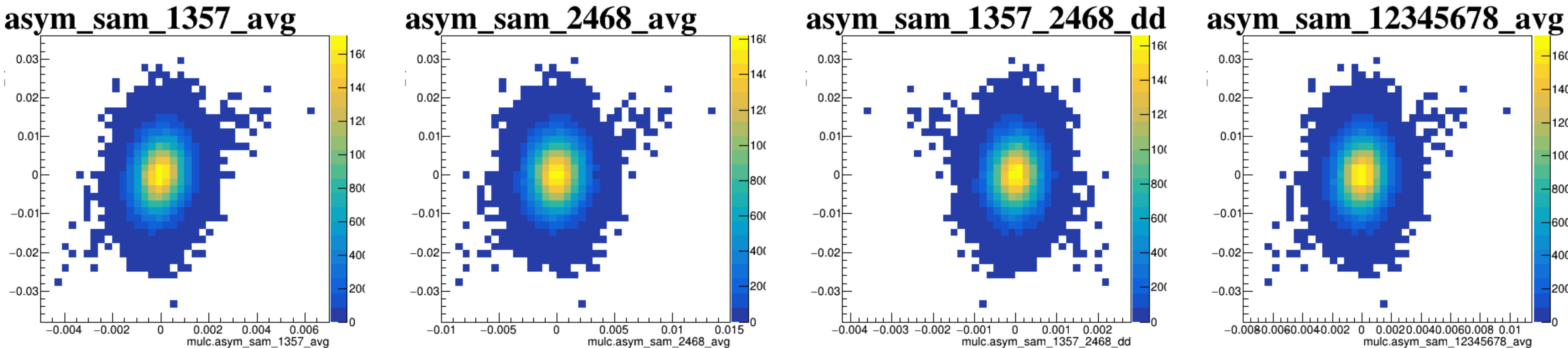
diff_bpm4aY



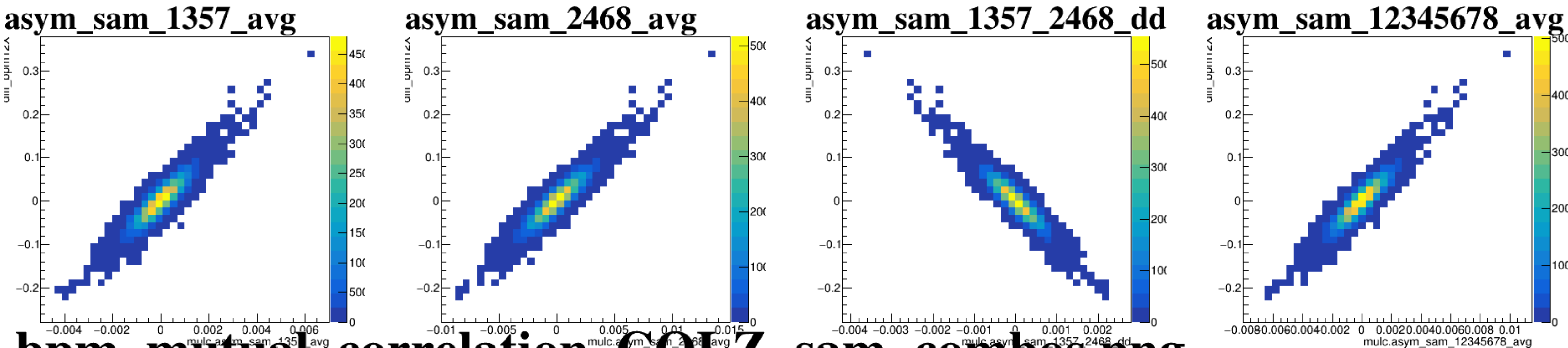
diff_bpm4eX



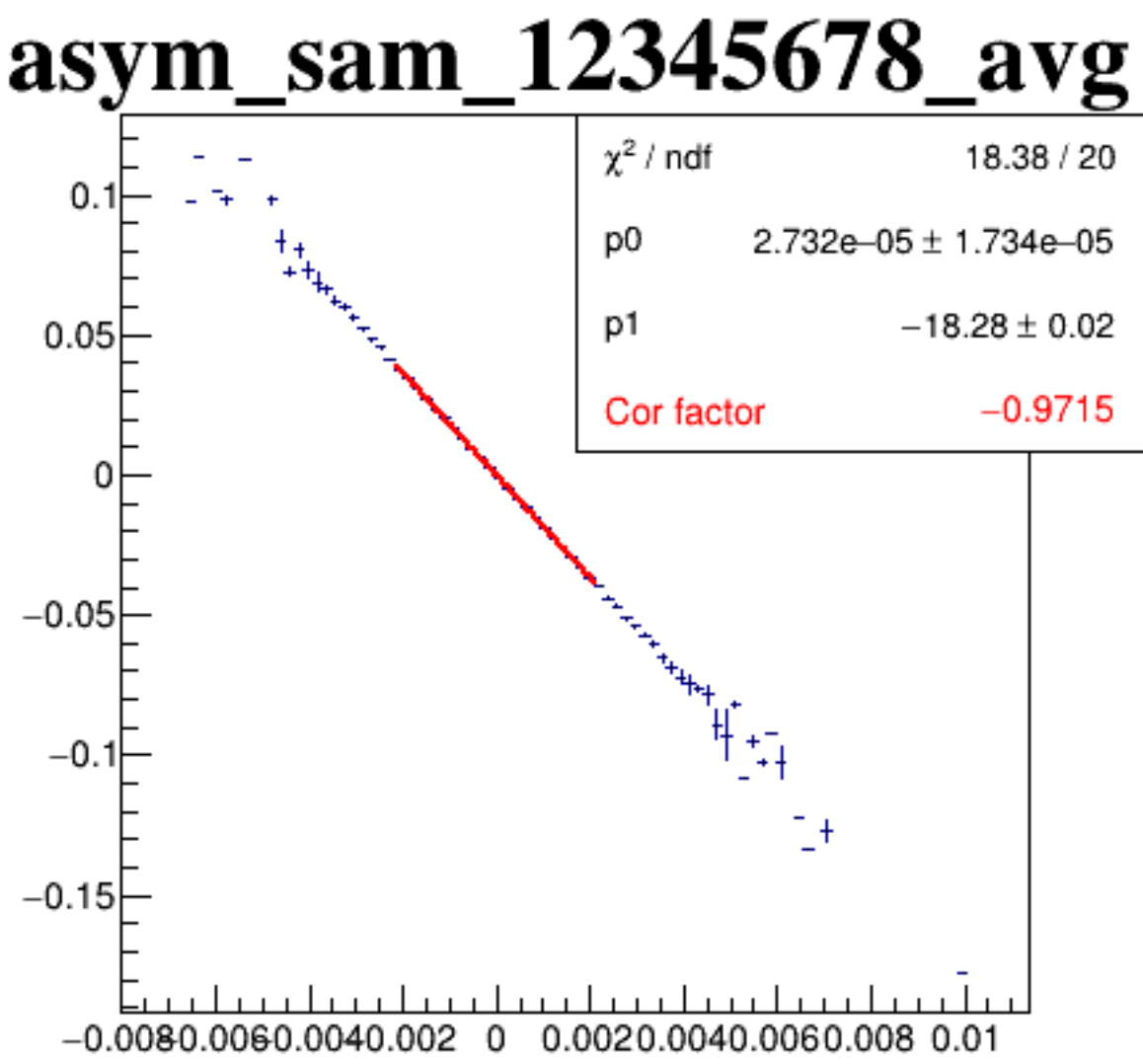
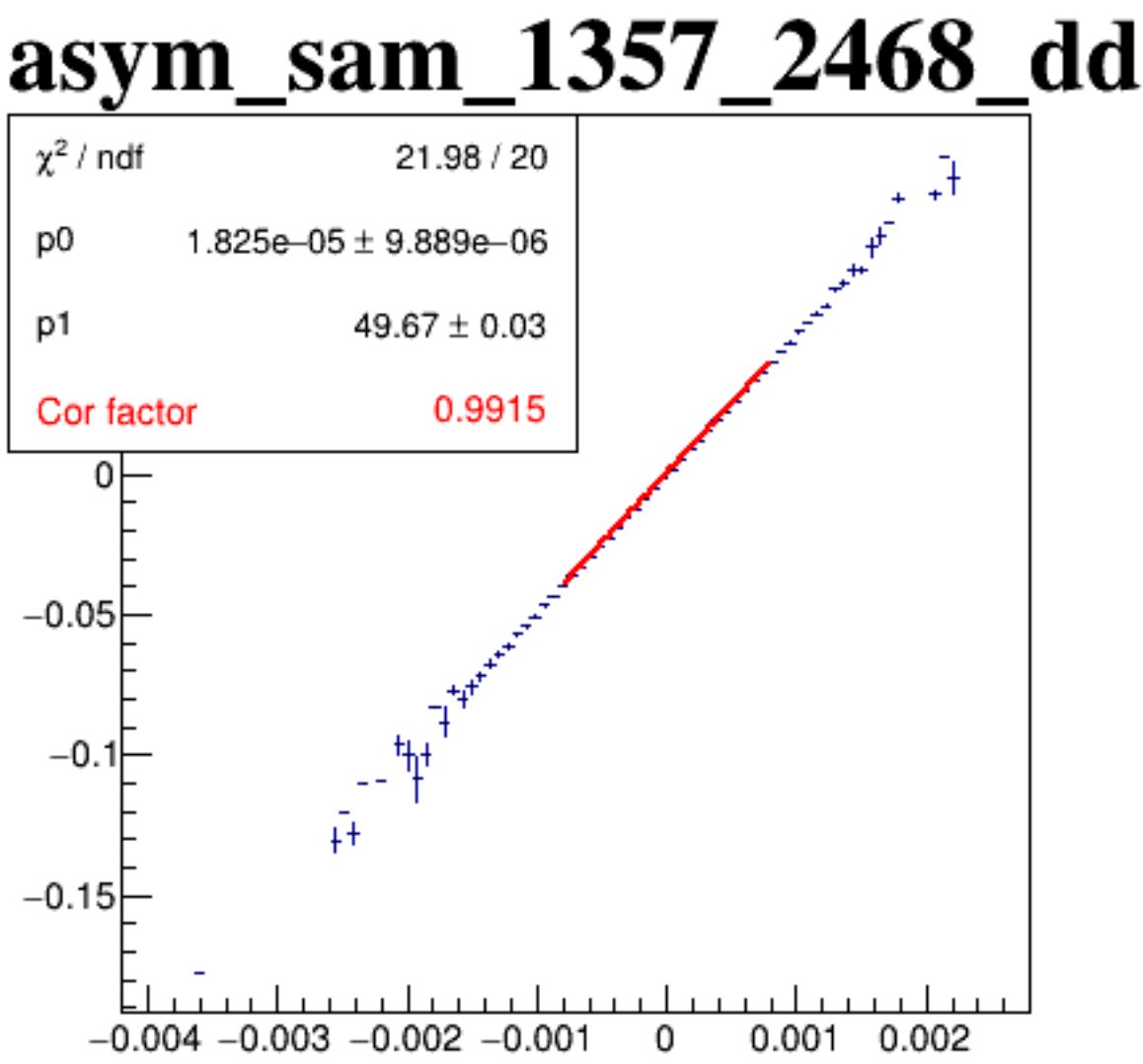
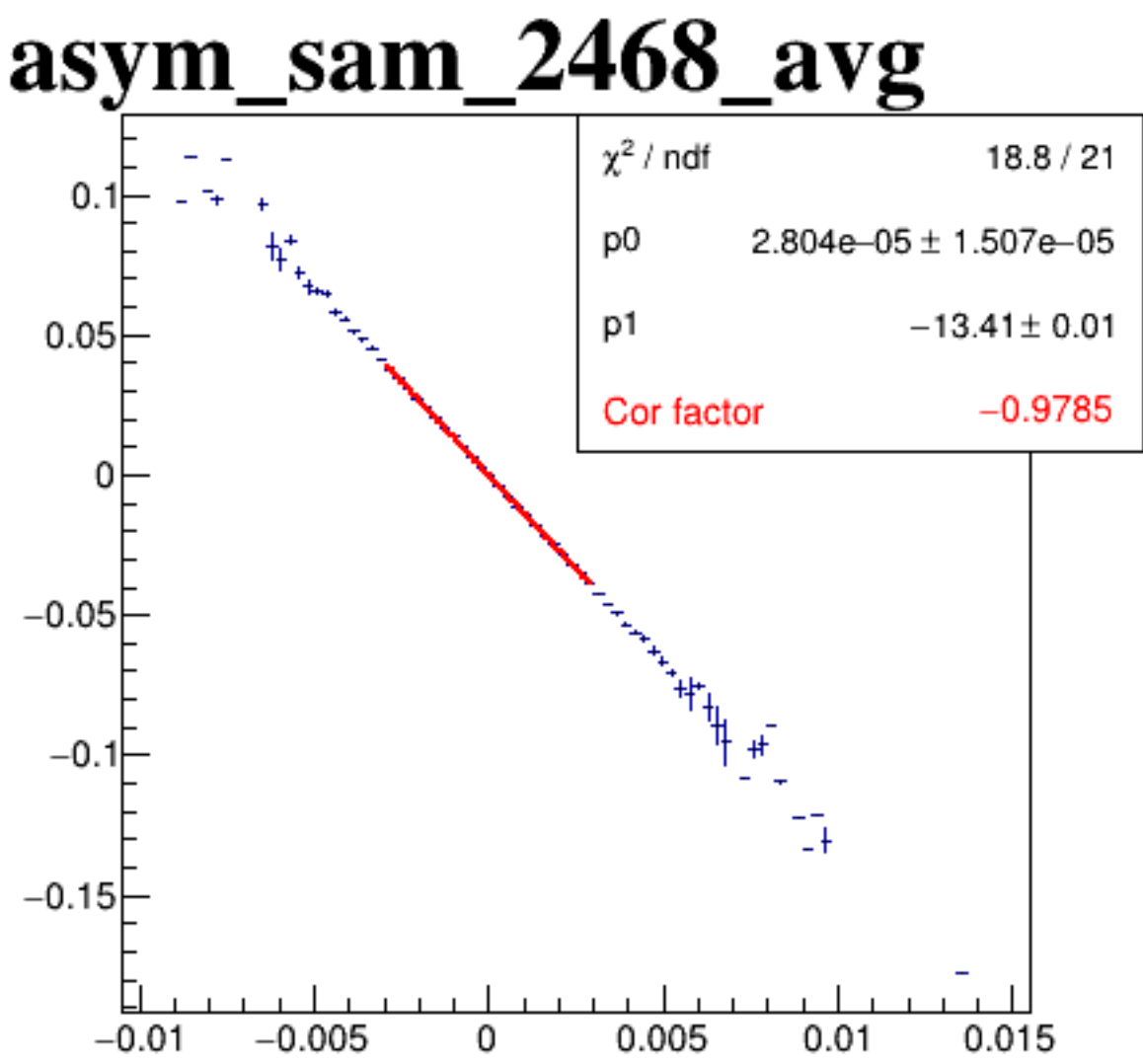
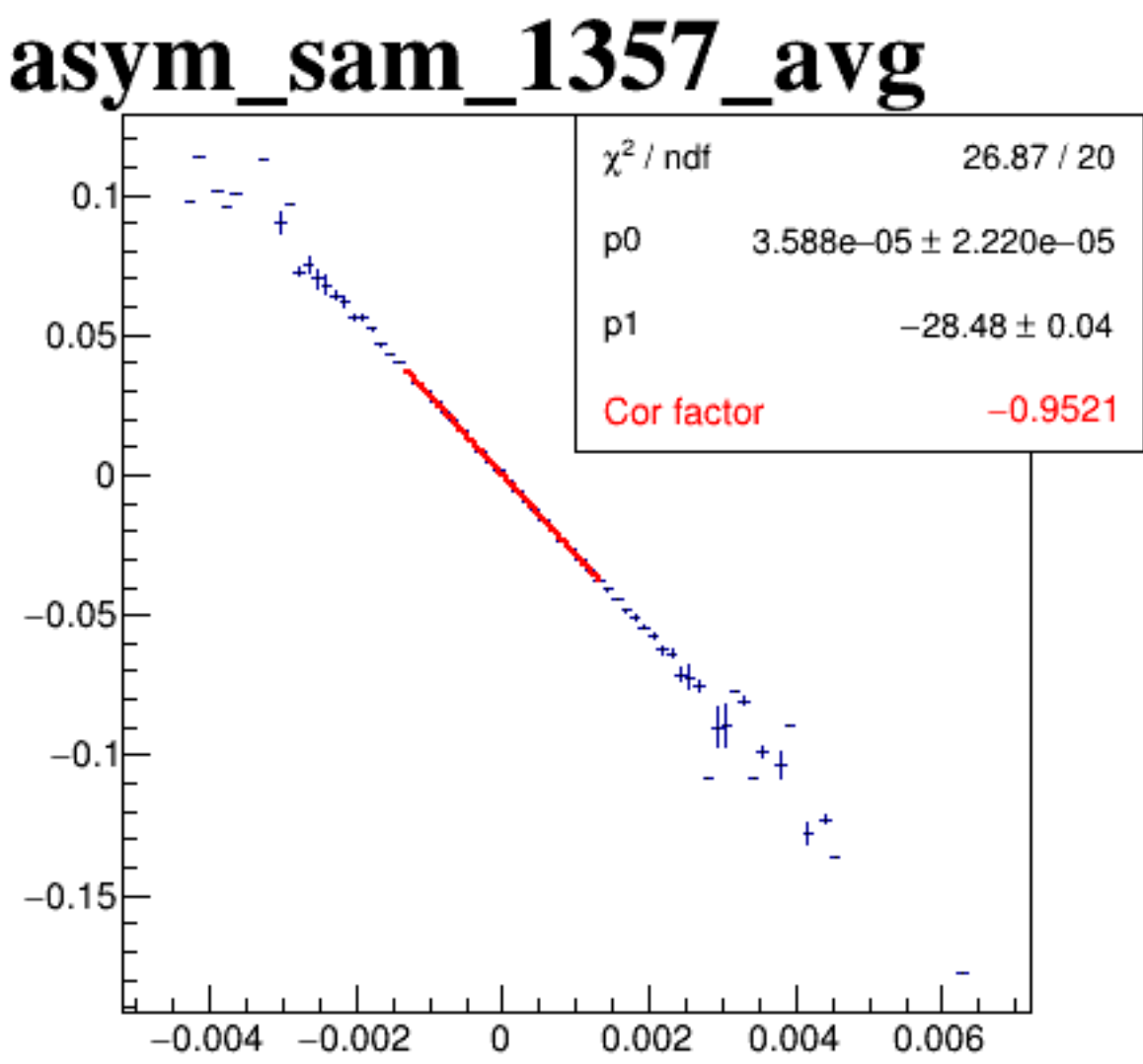
diff_bpm4eY



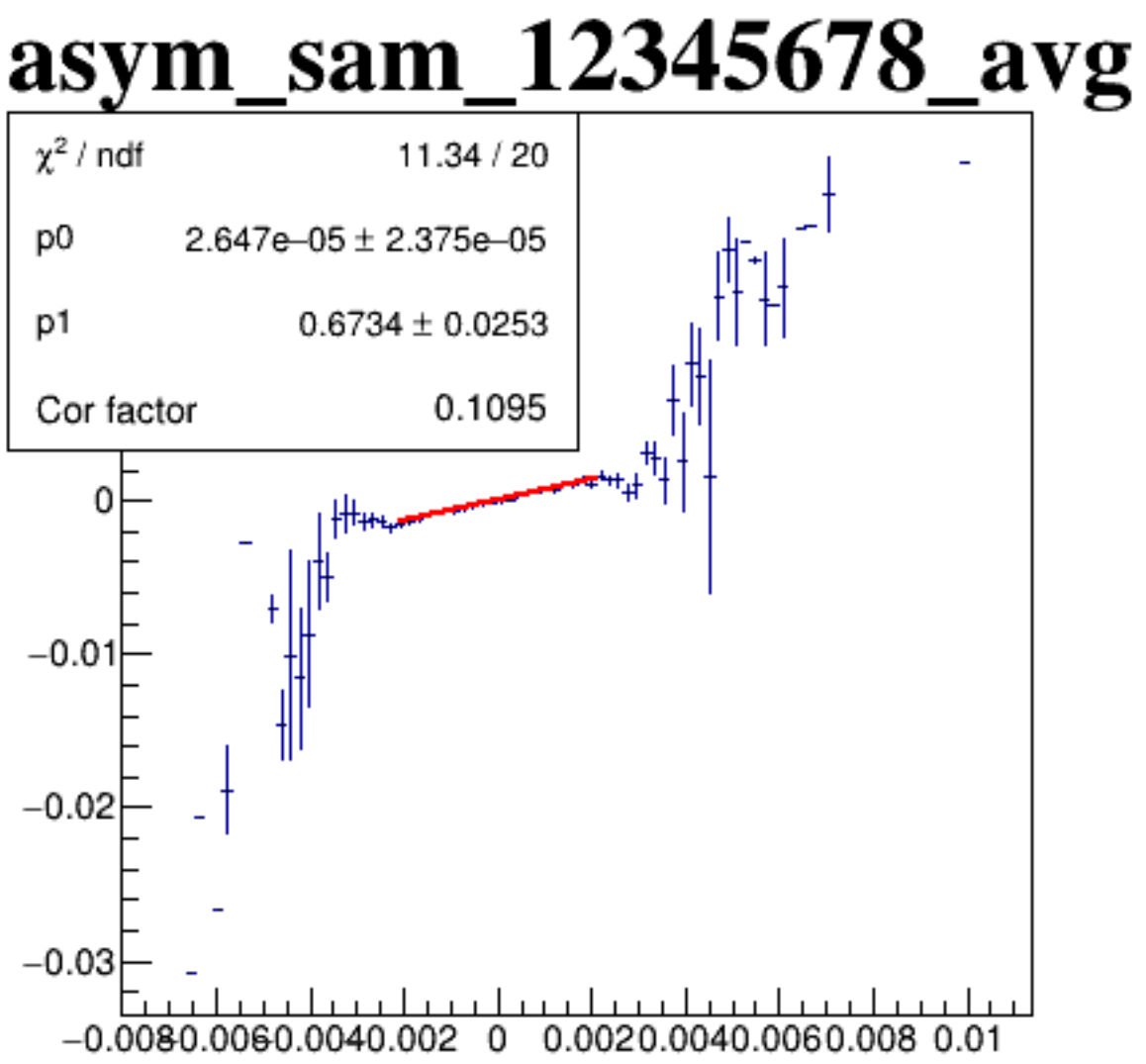
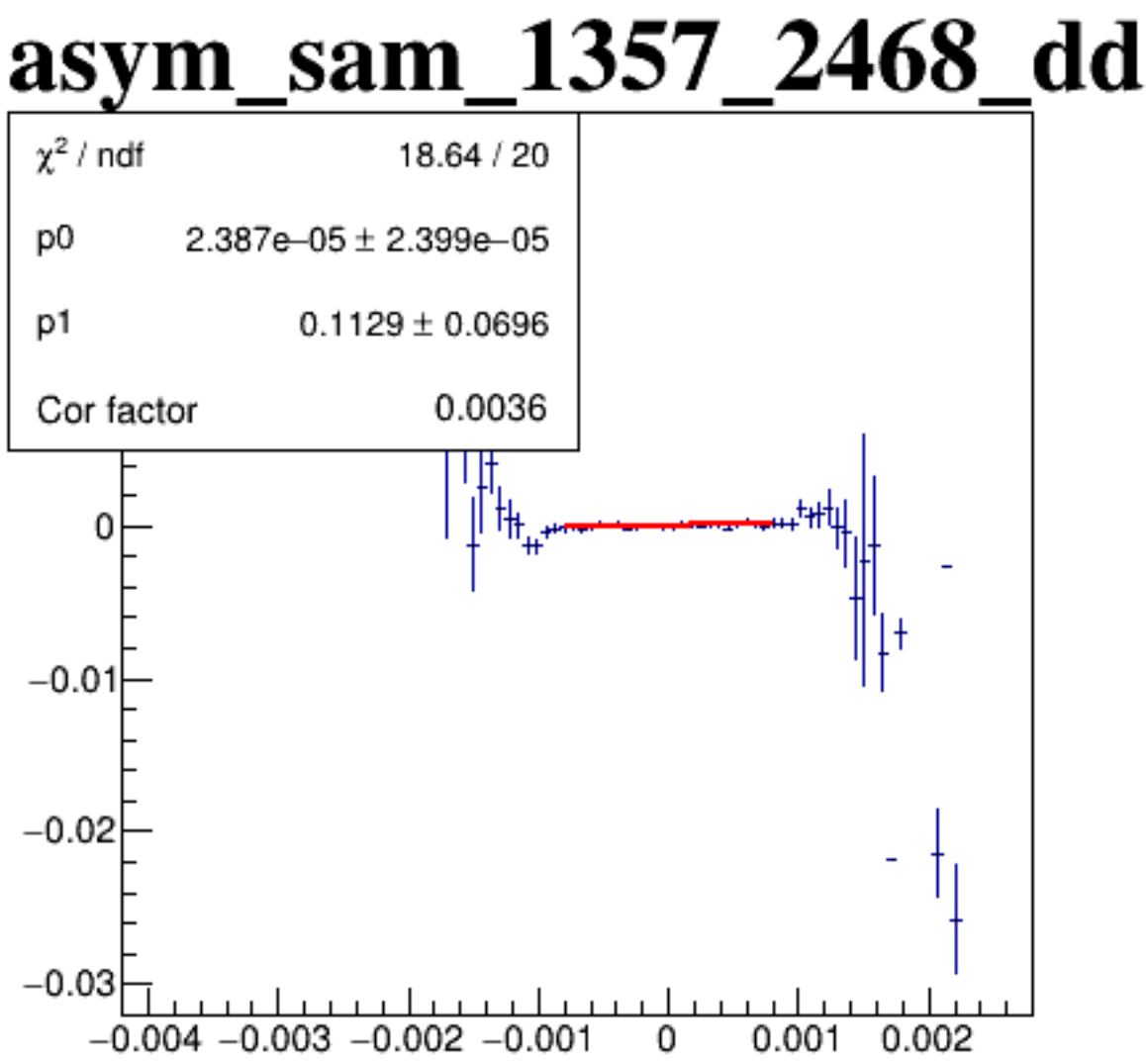
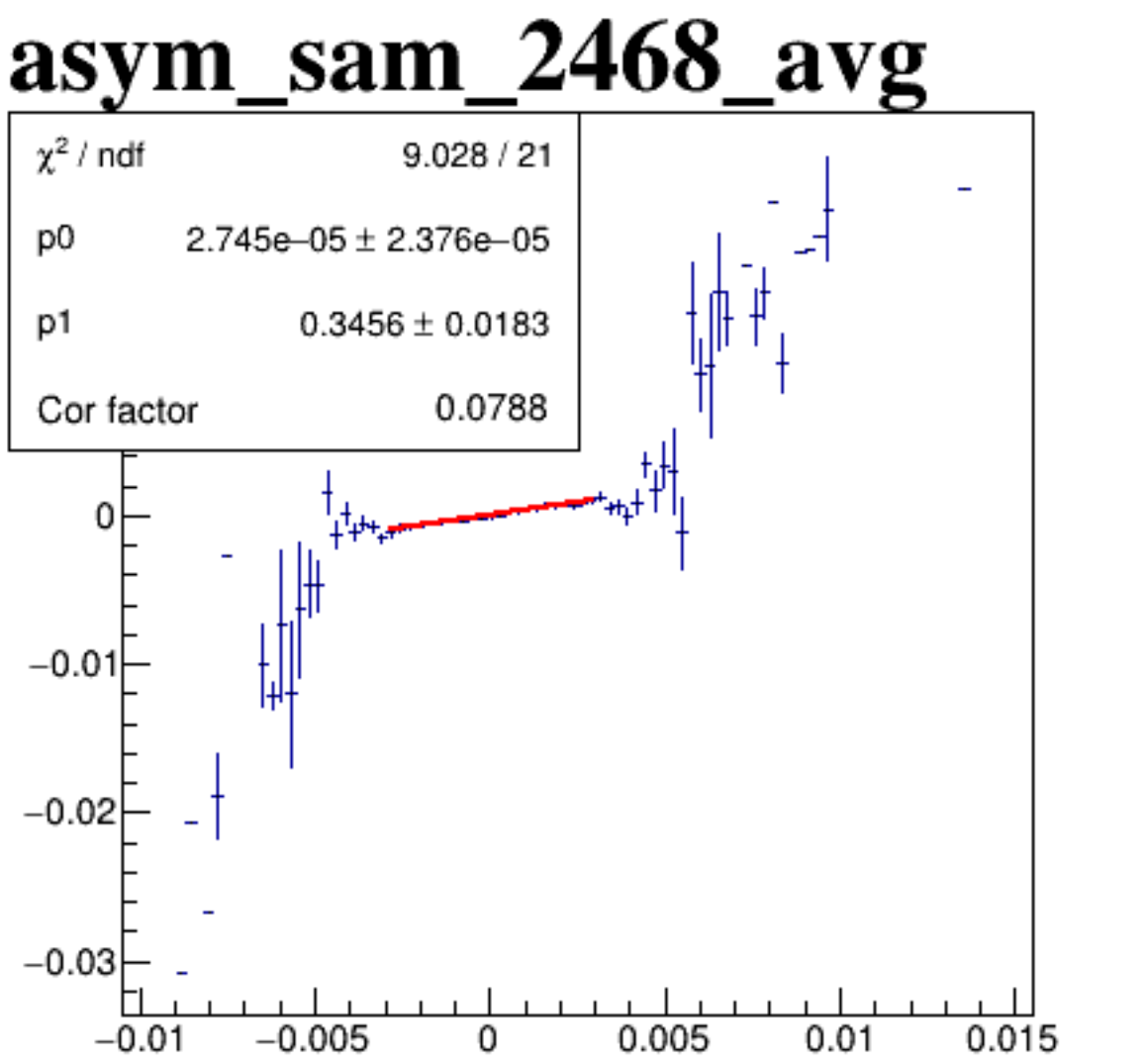
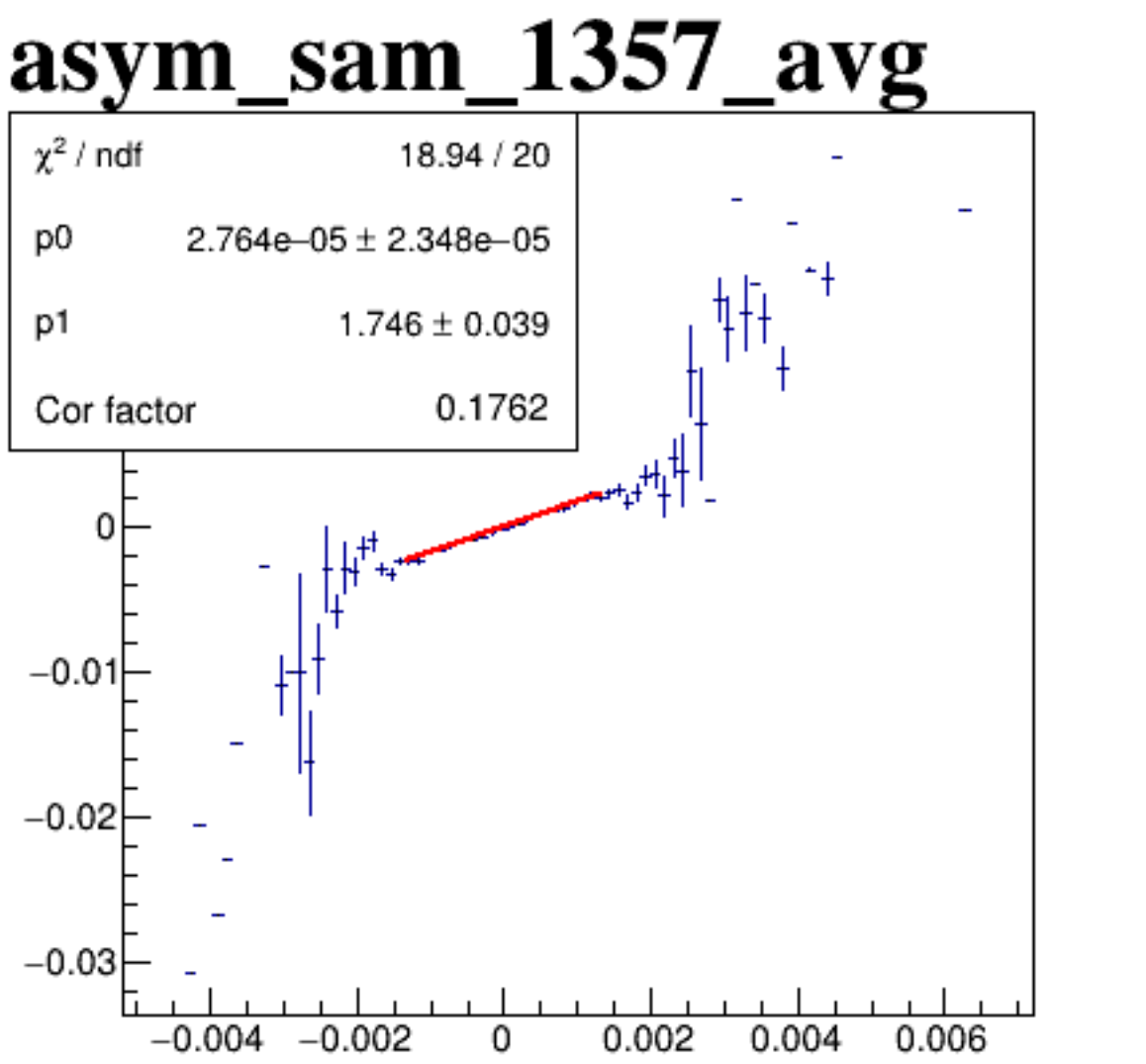
diff_bpm12X



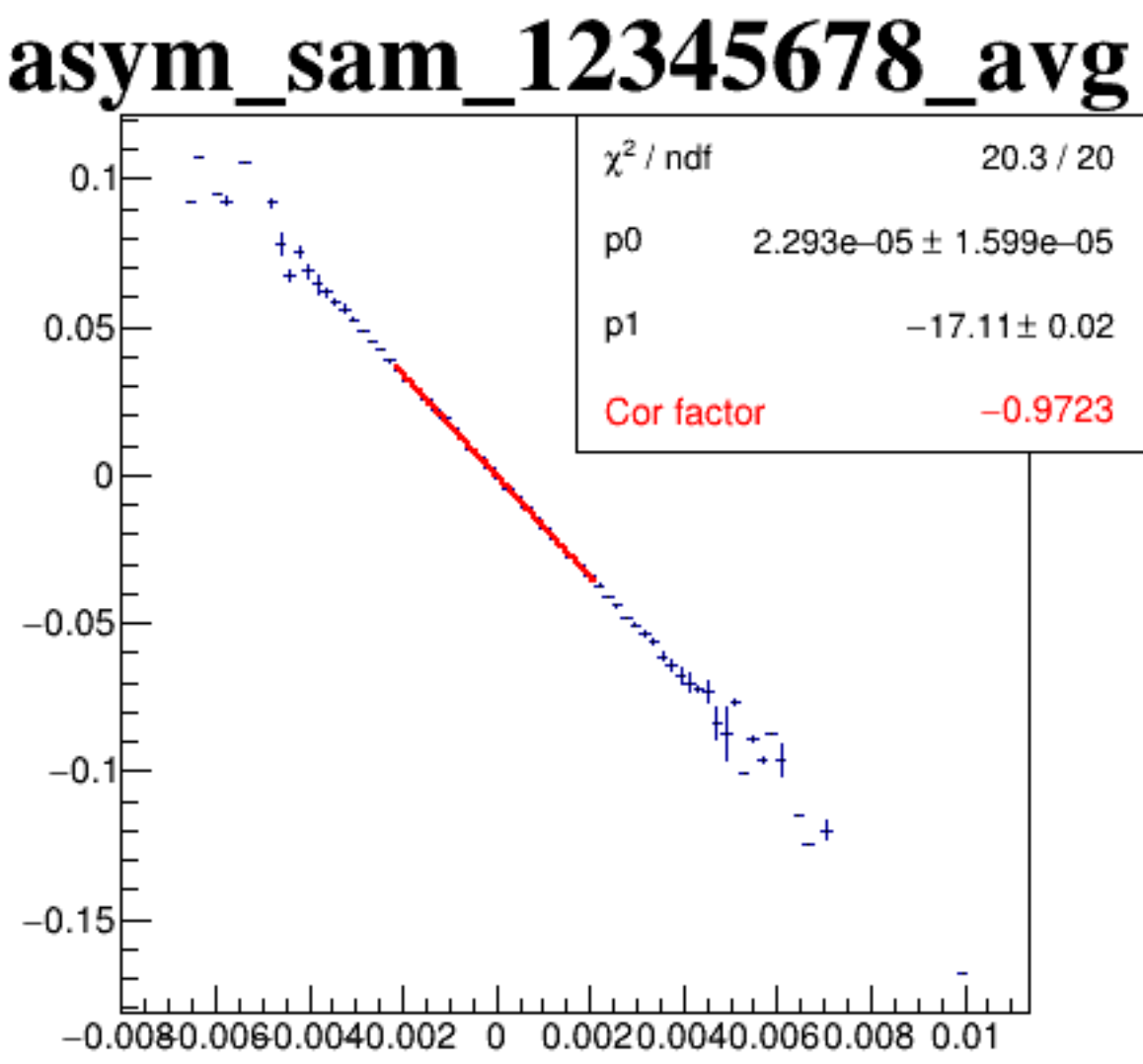
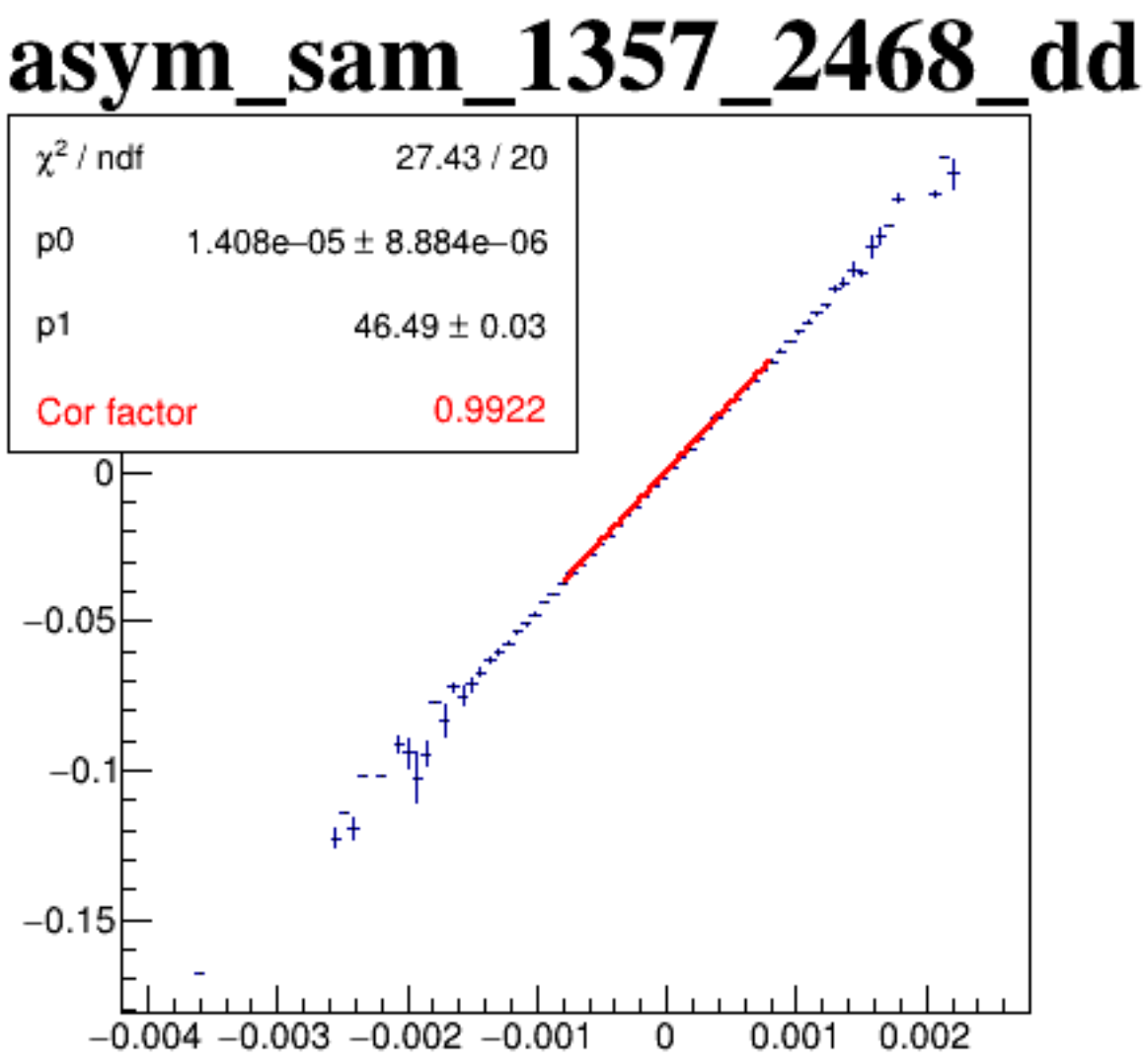
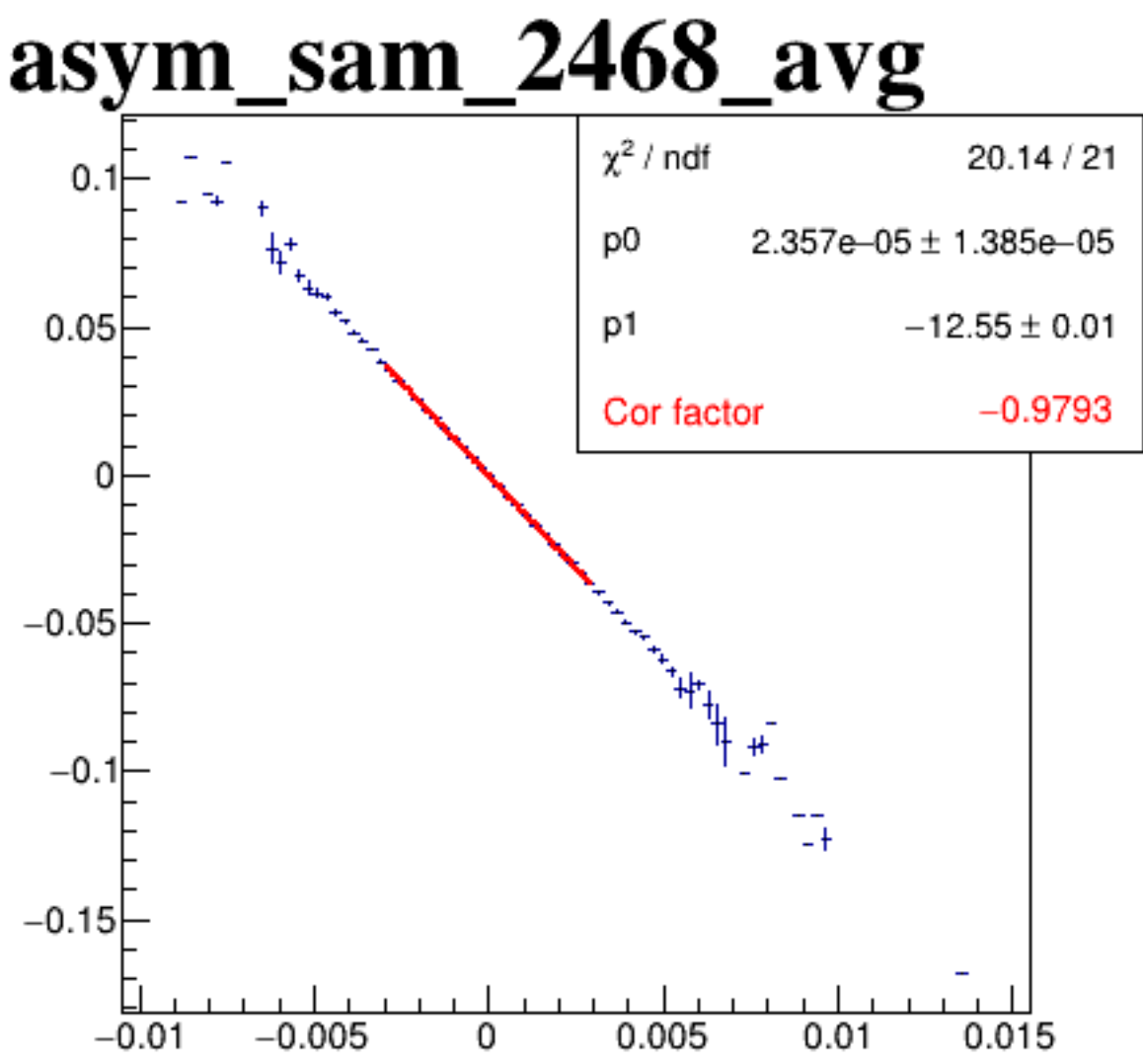
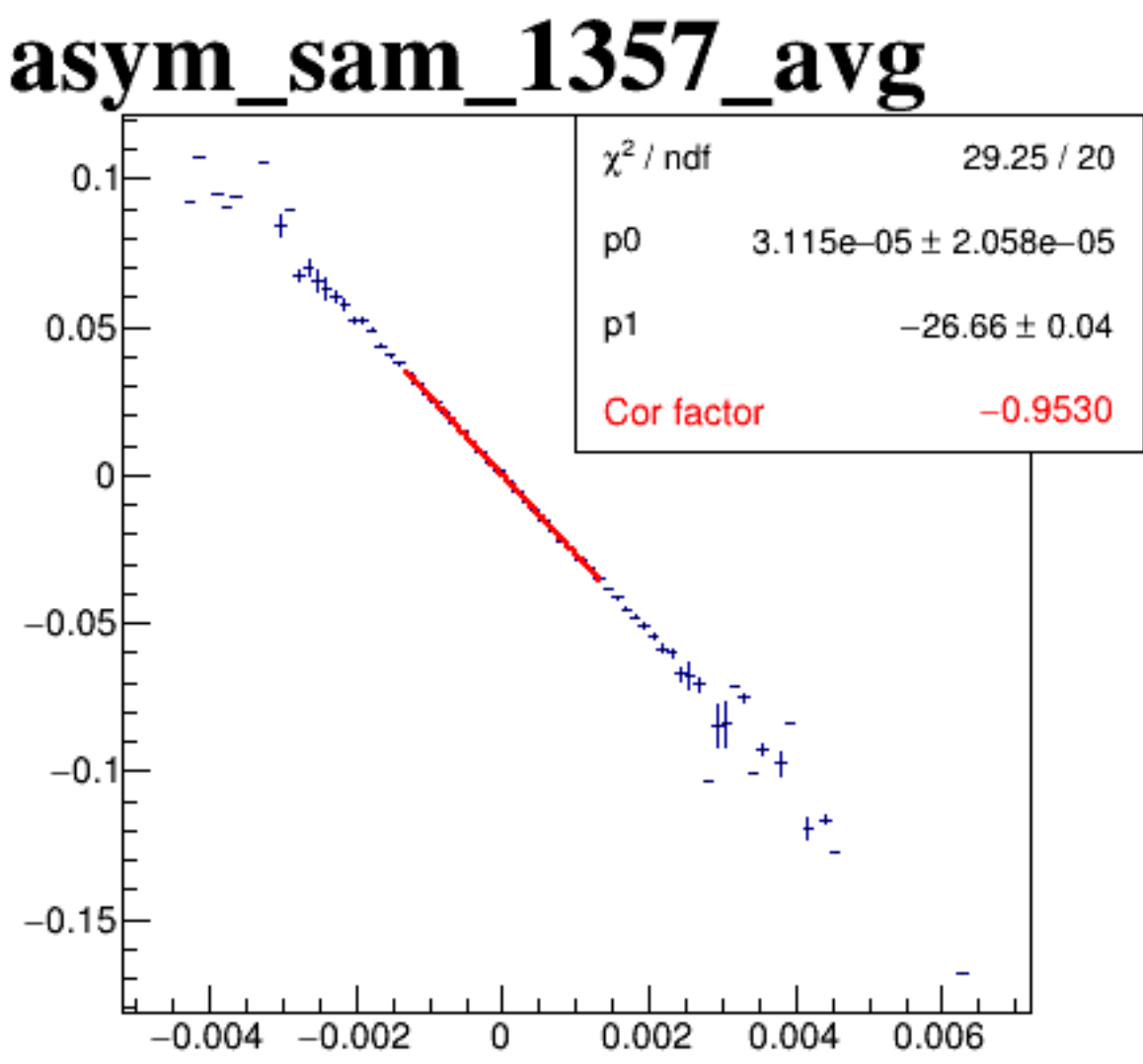
diff_bpm4aX



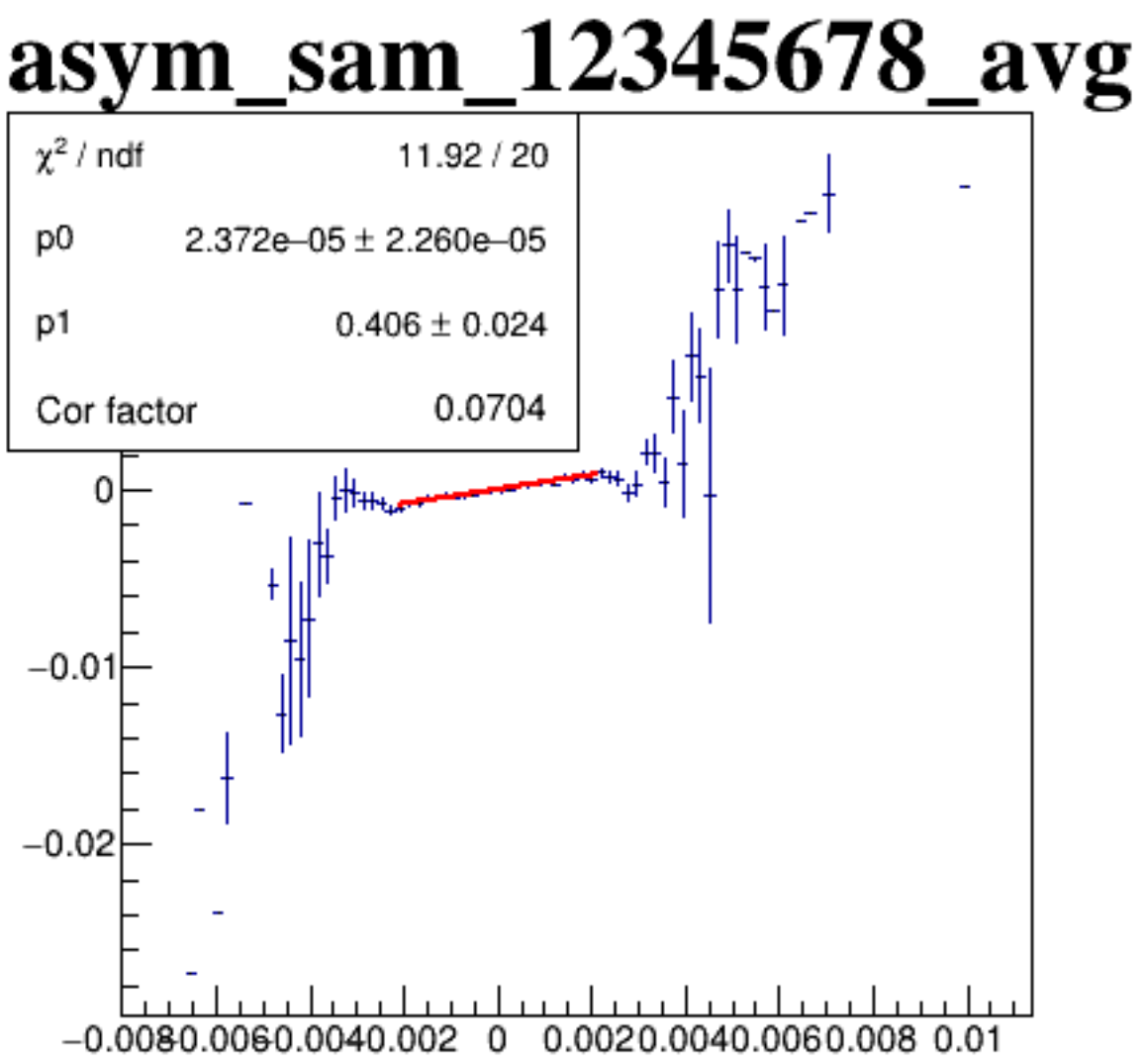
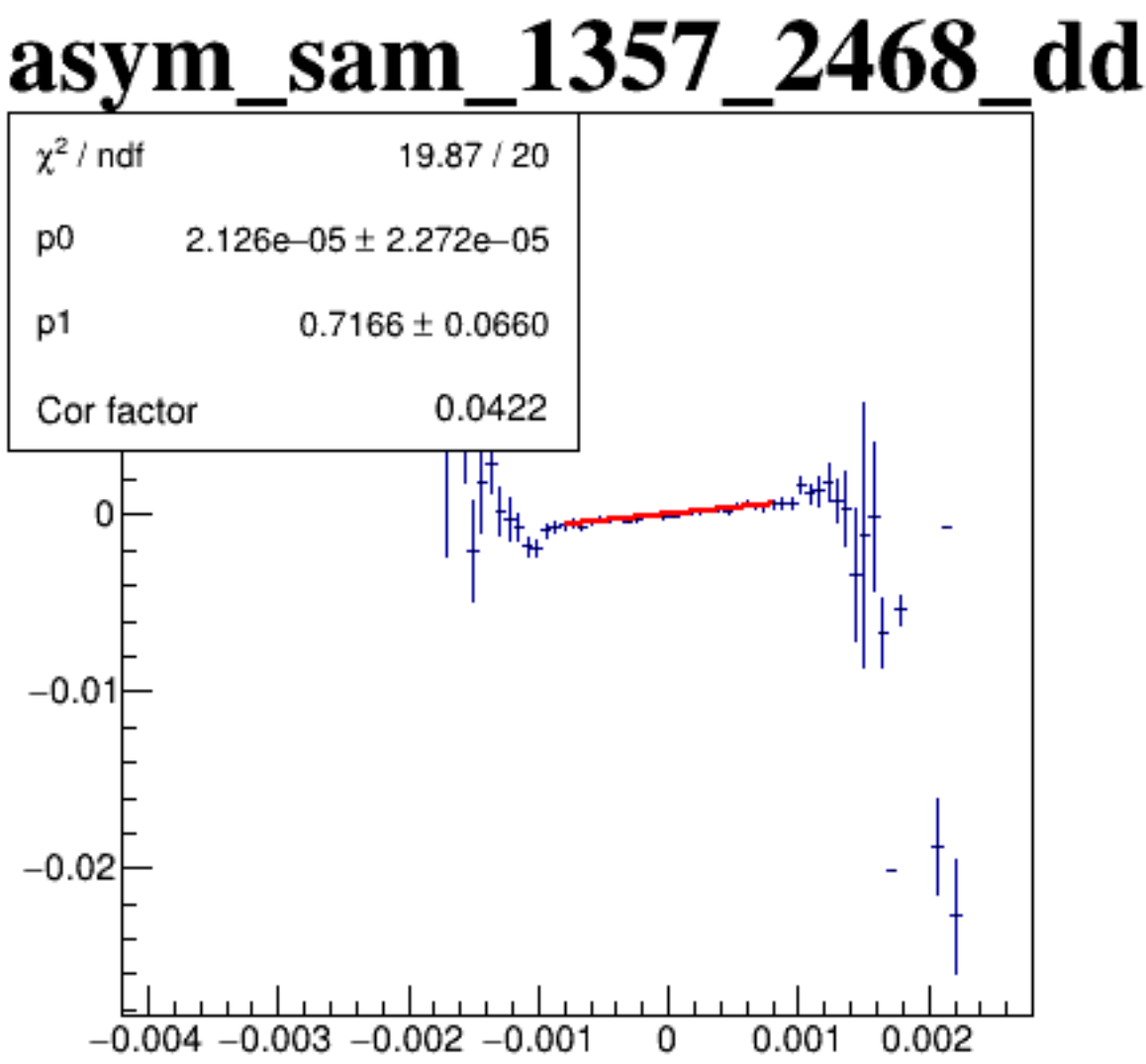
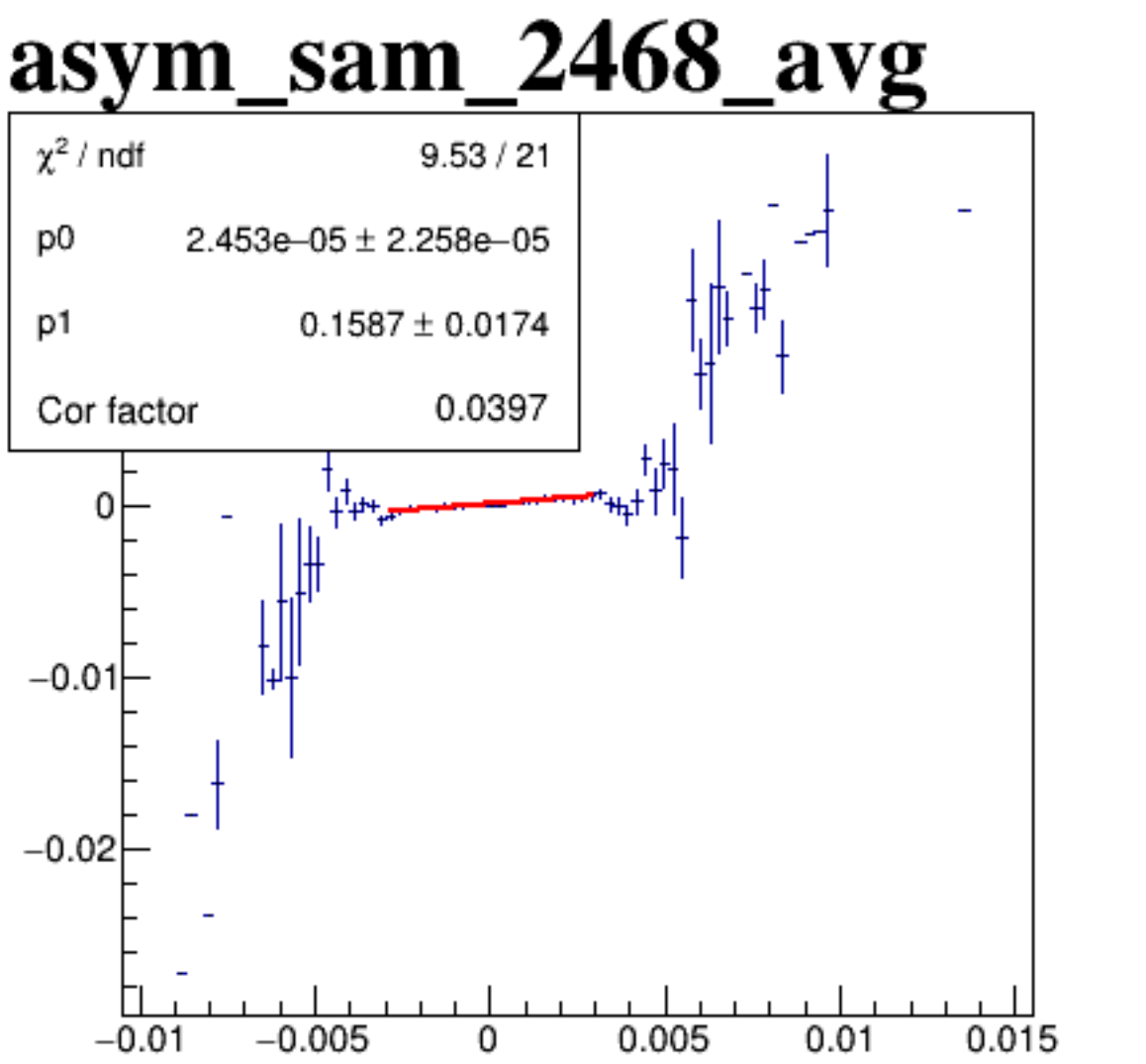
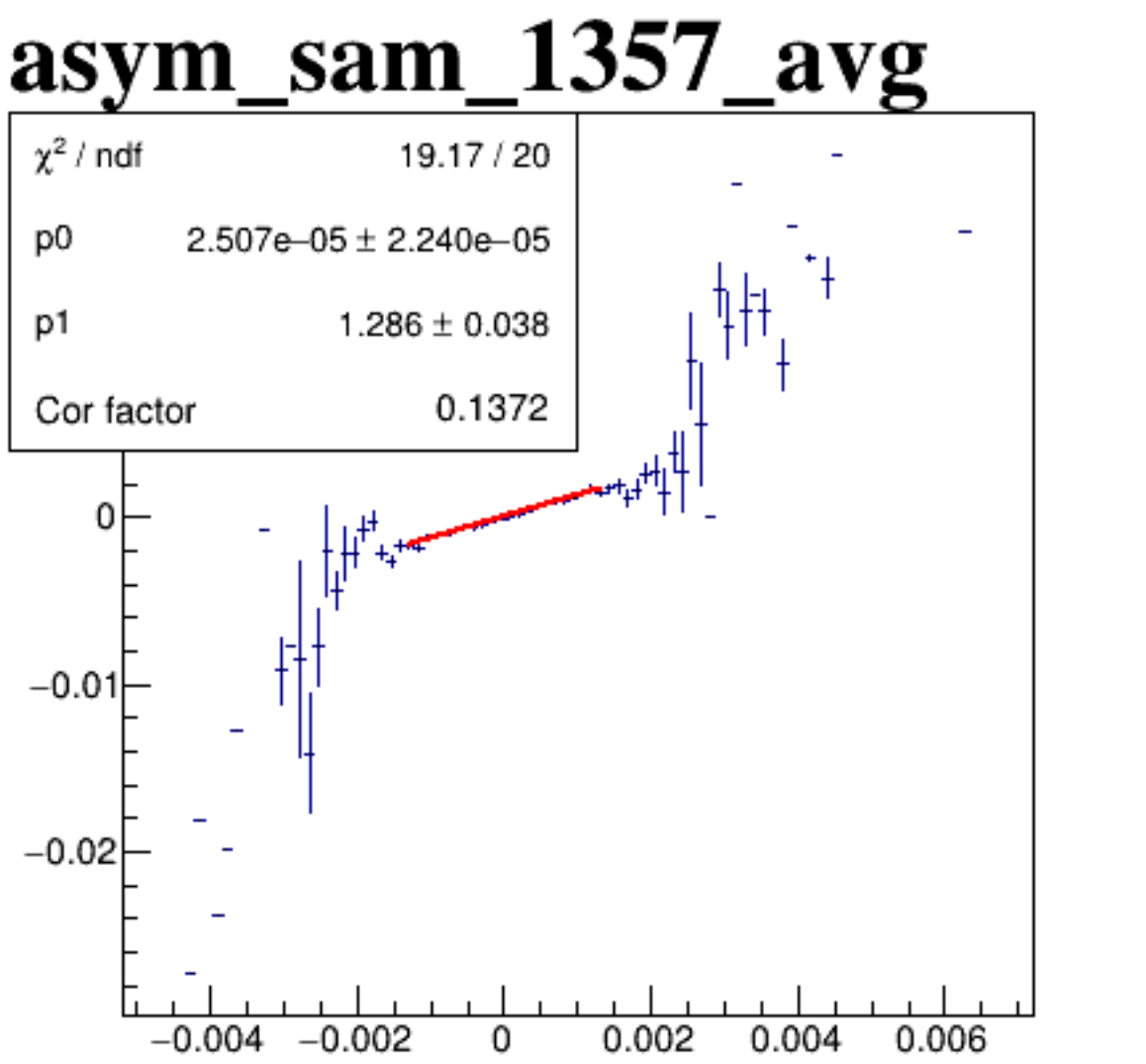
diff_bpm4aY



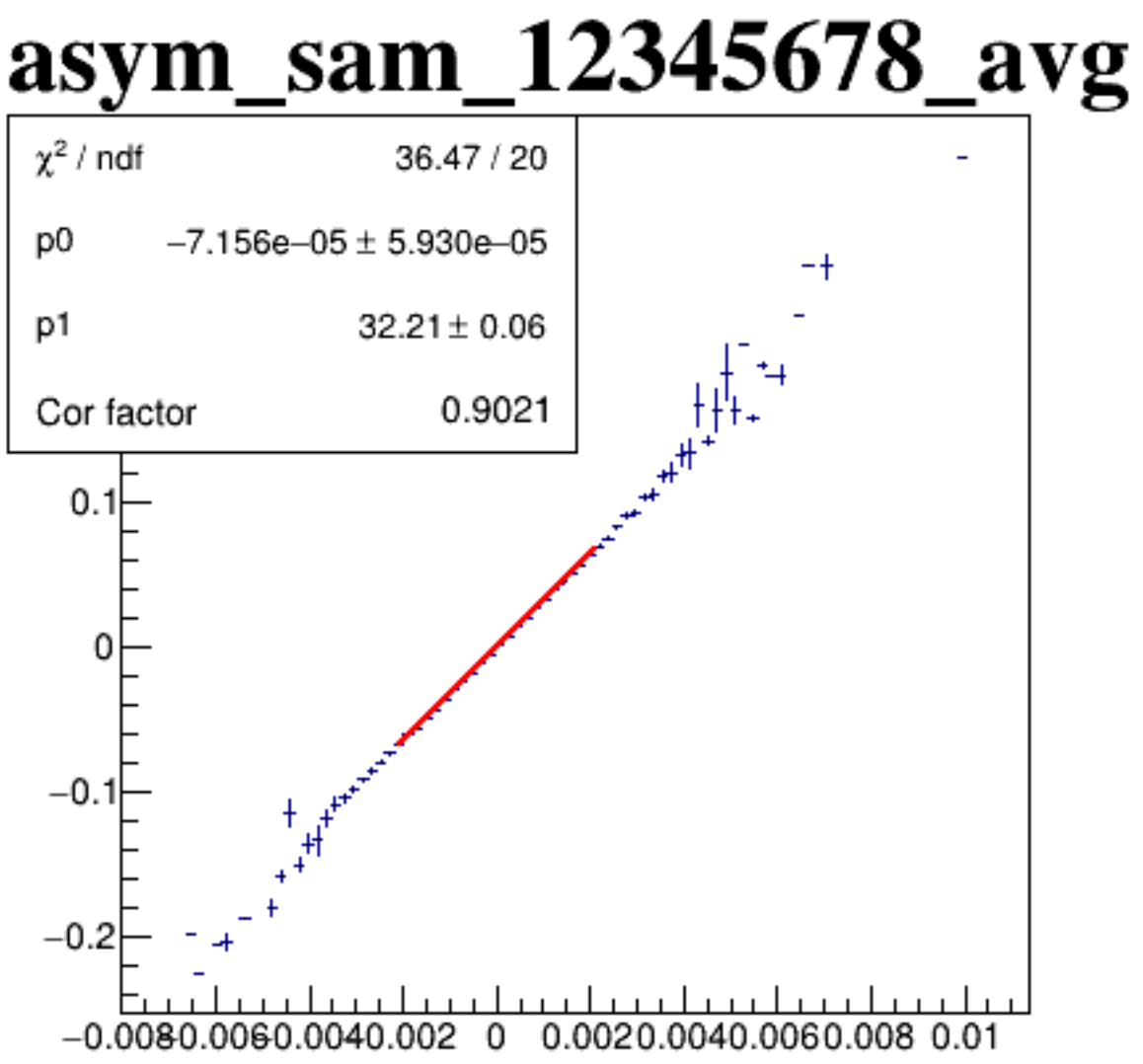
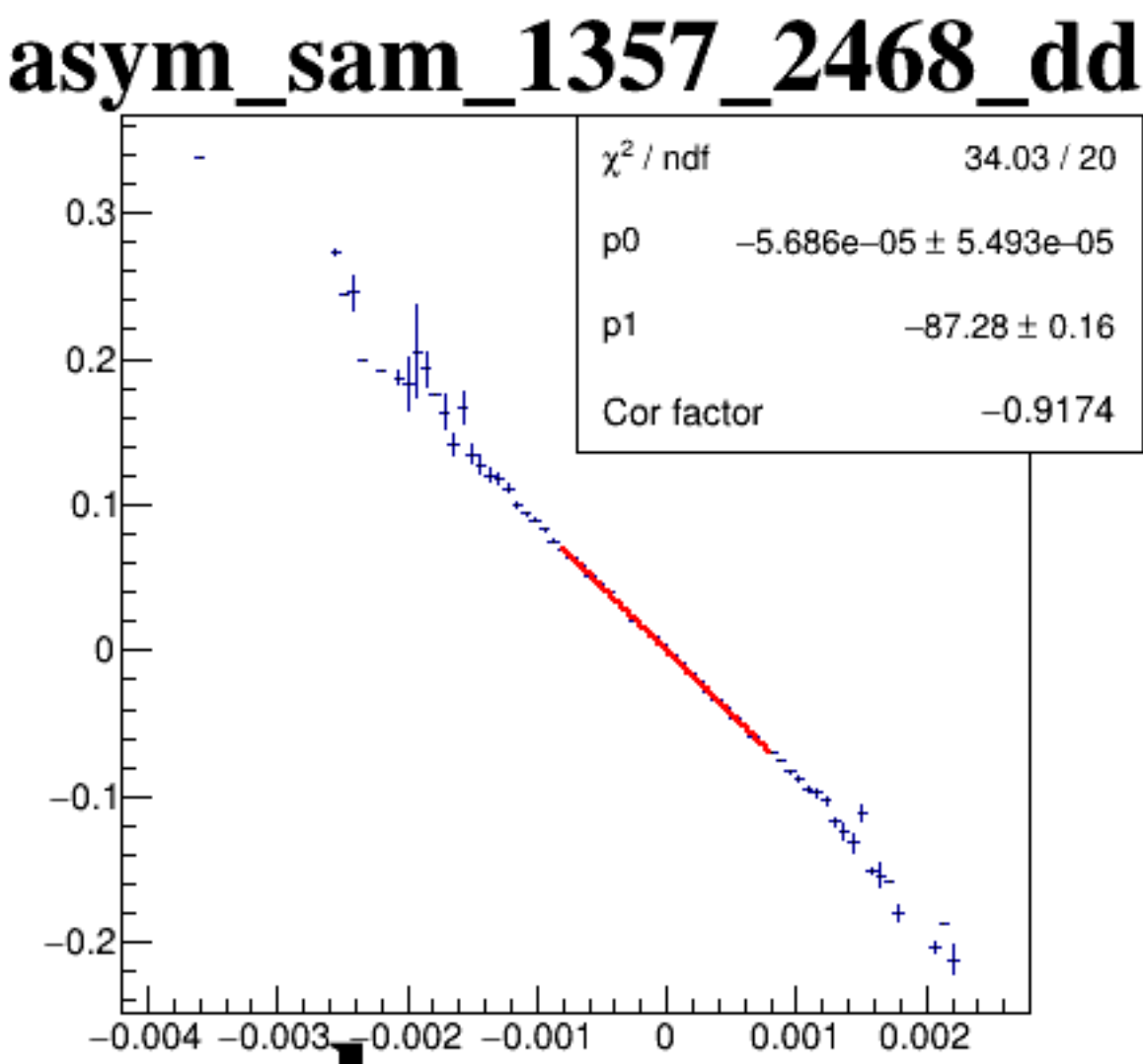
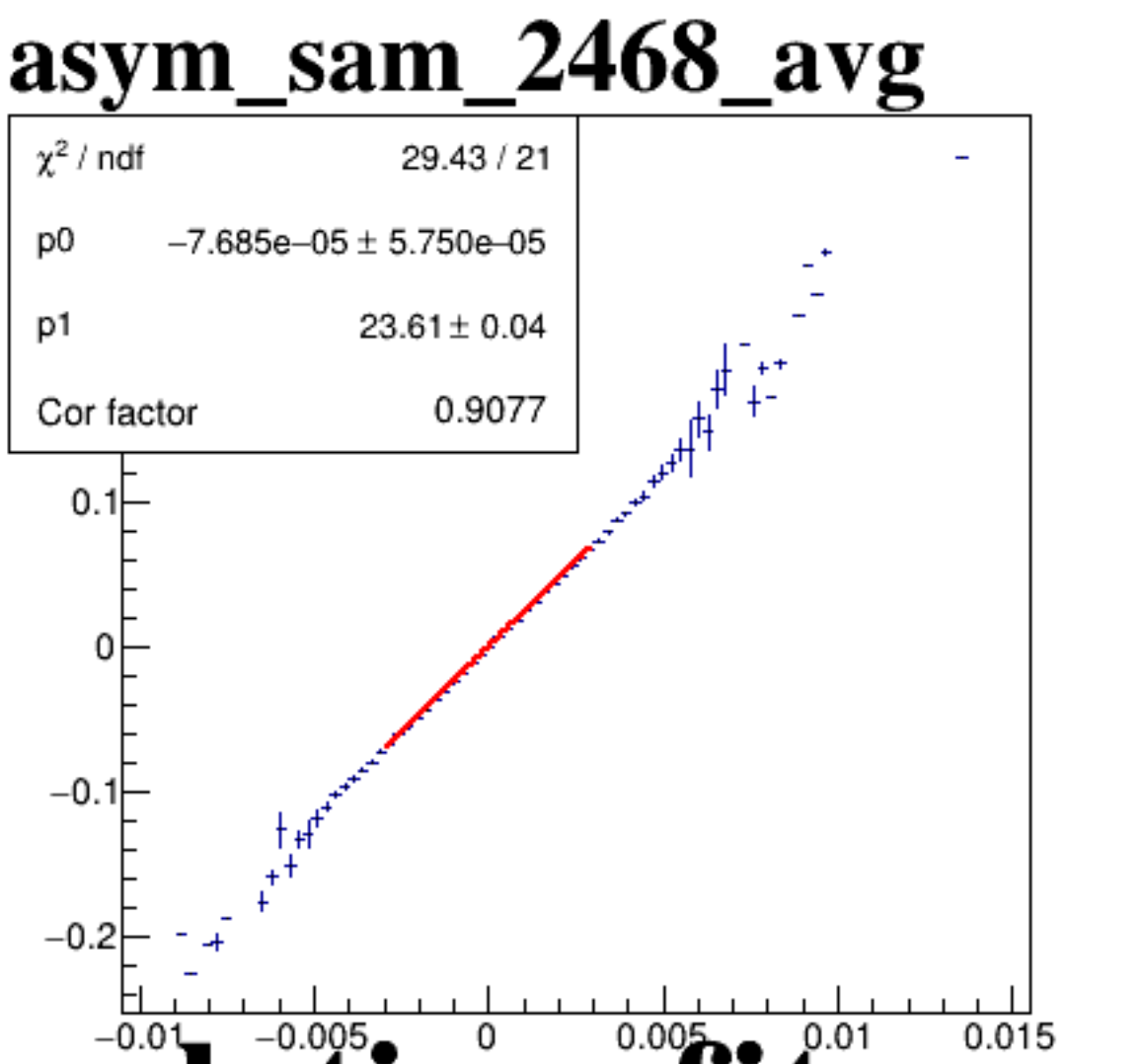
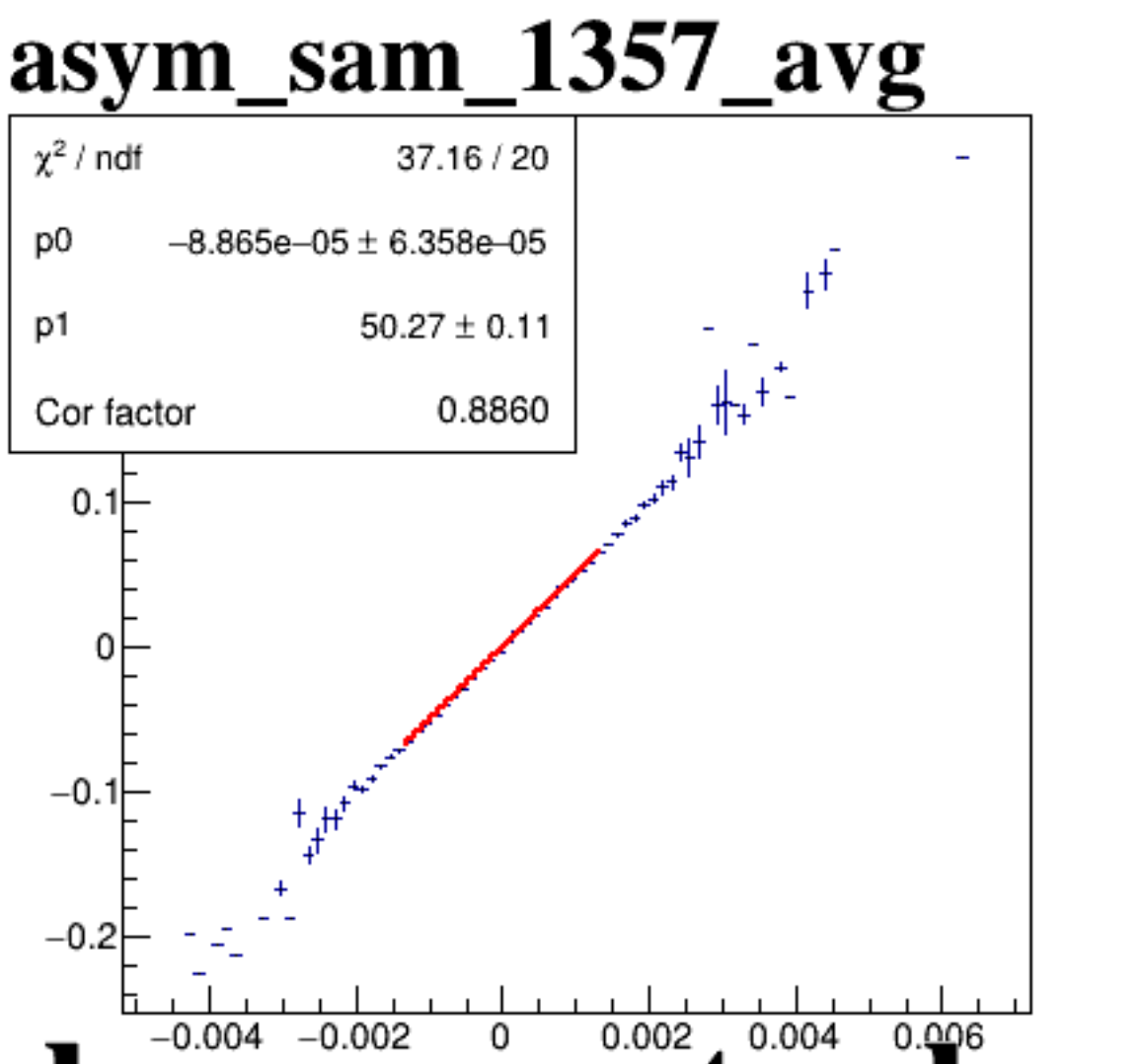
diff_bpm4eX

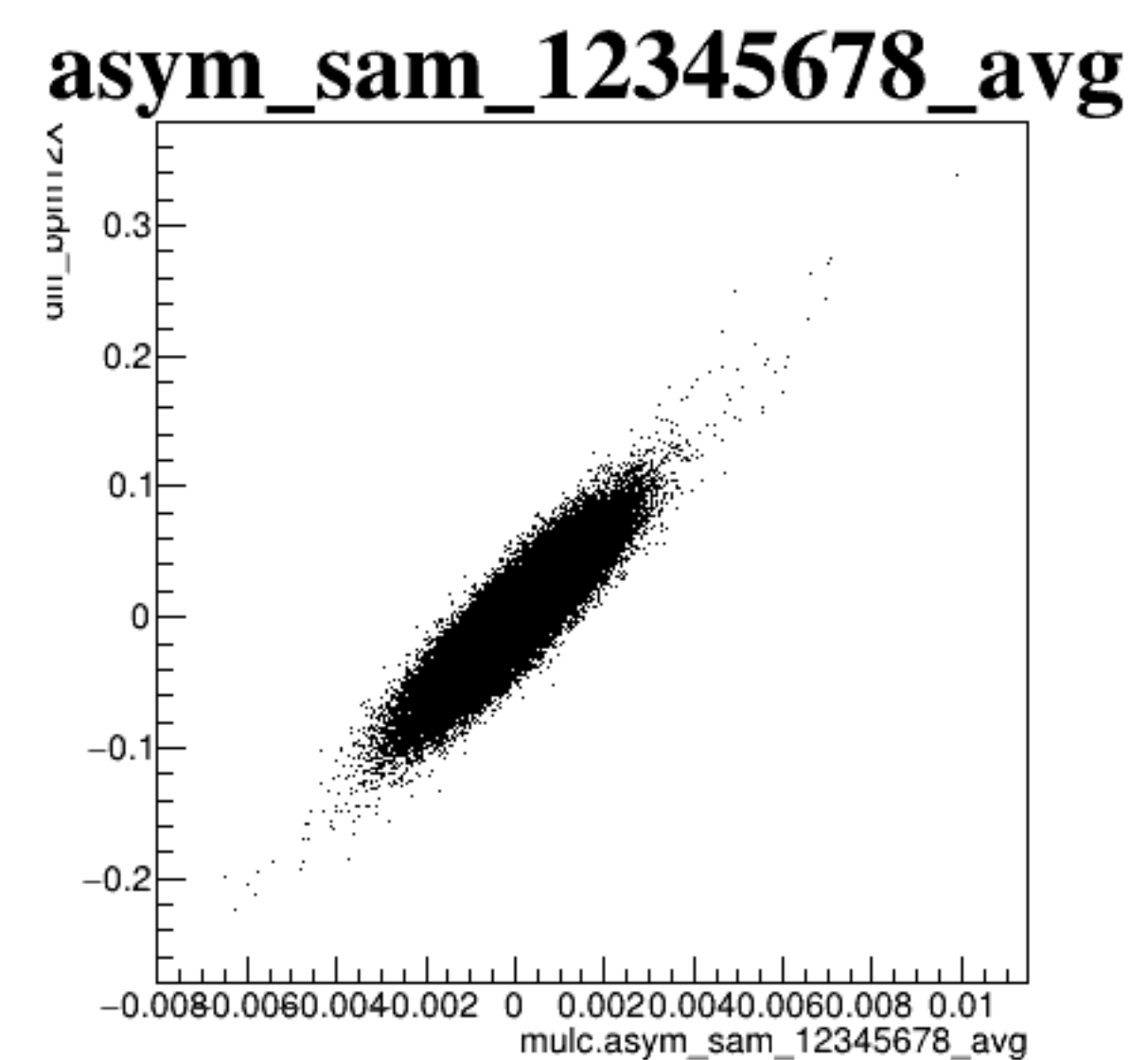
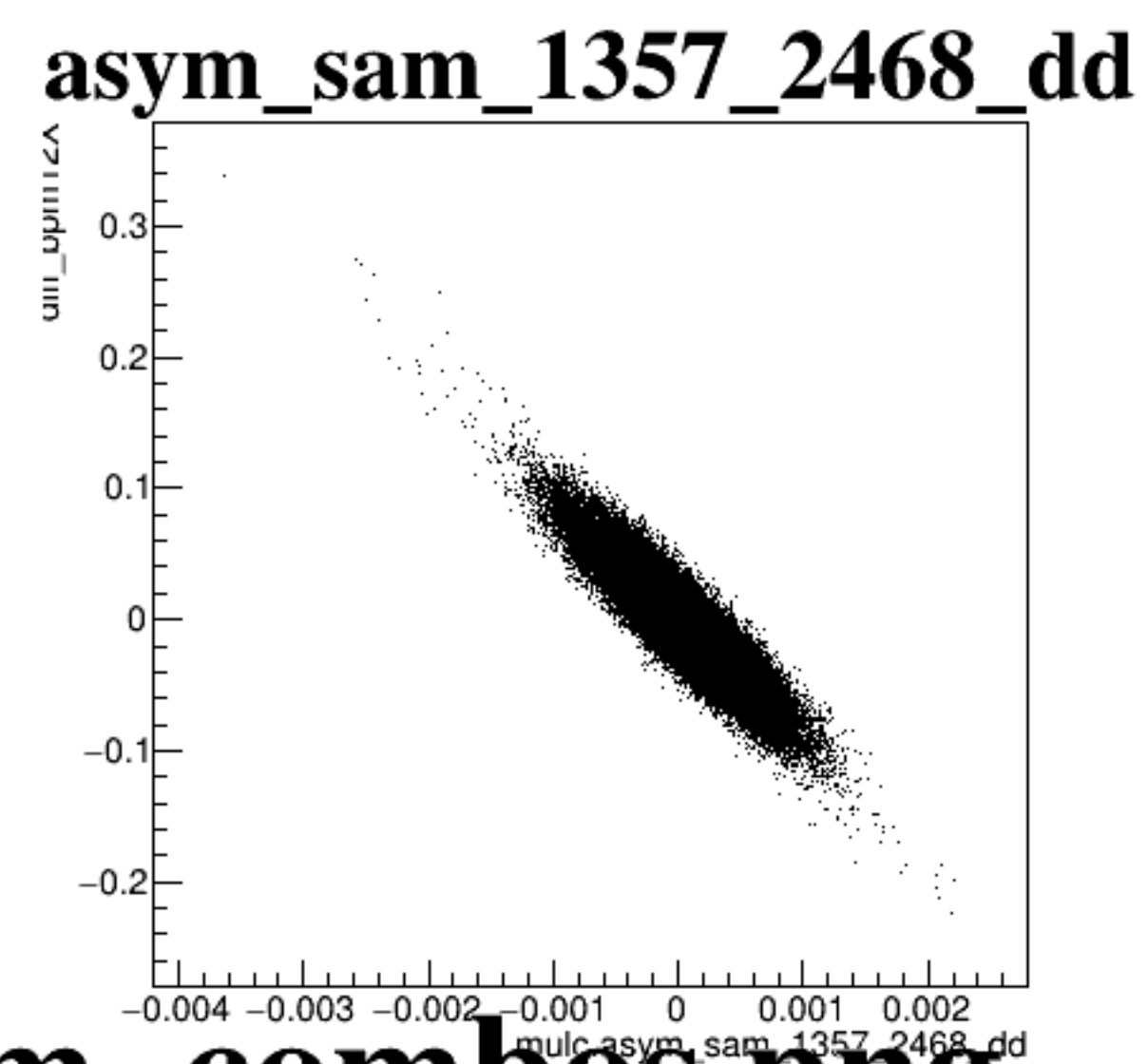
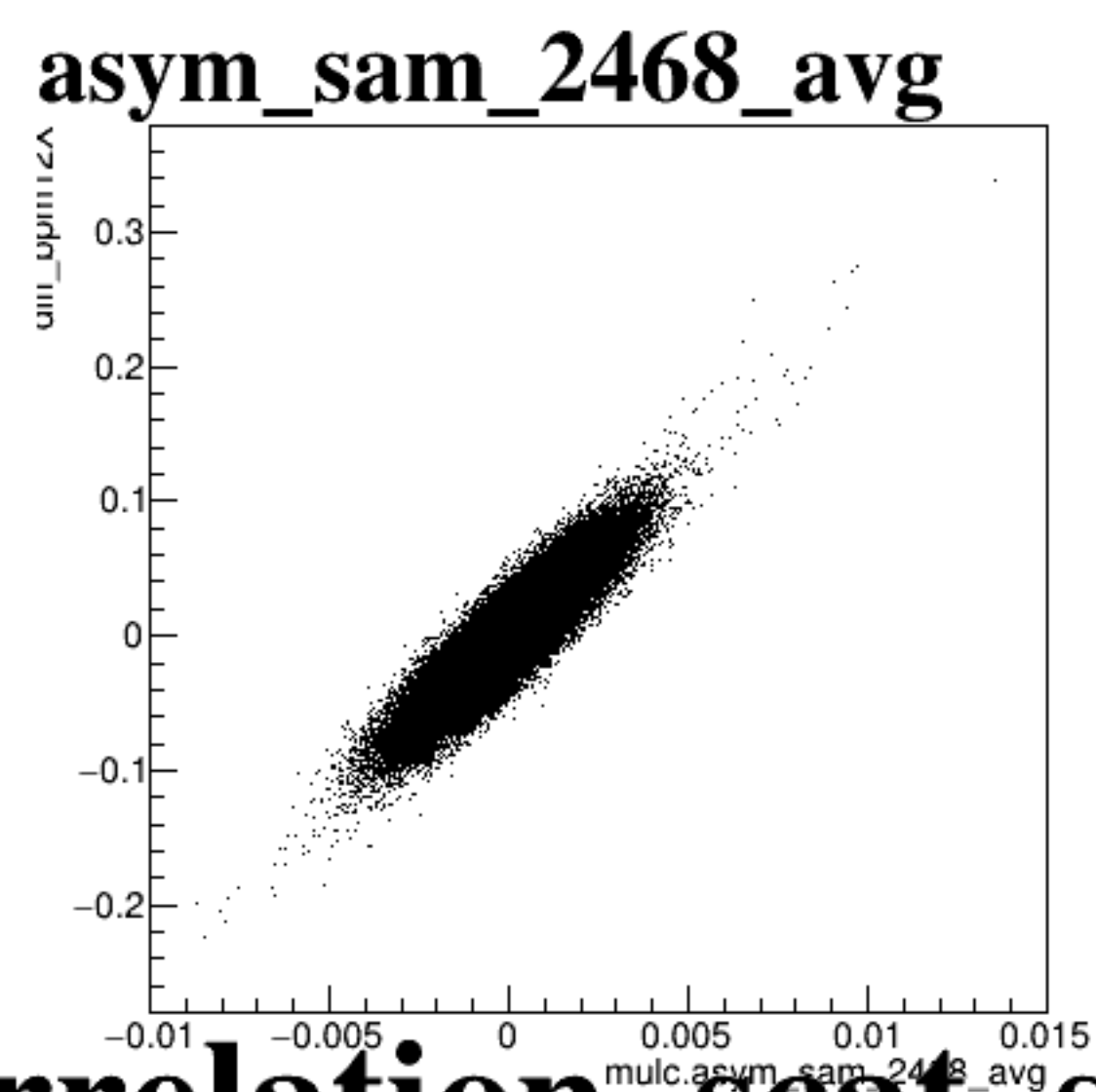
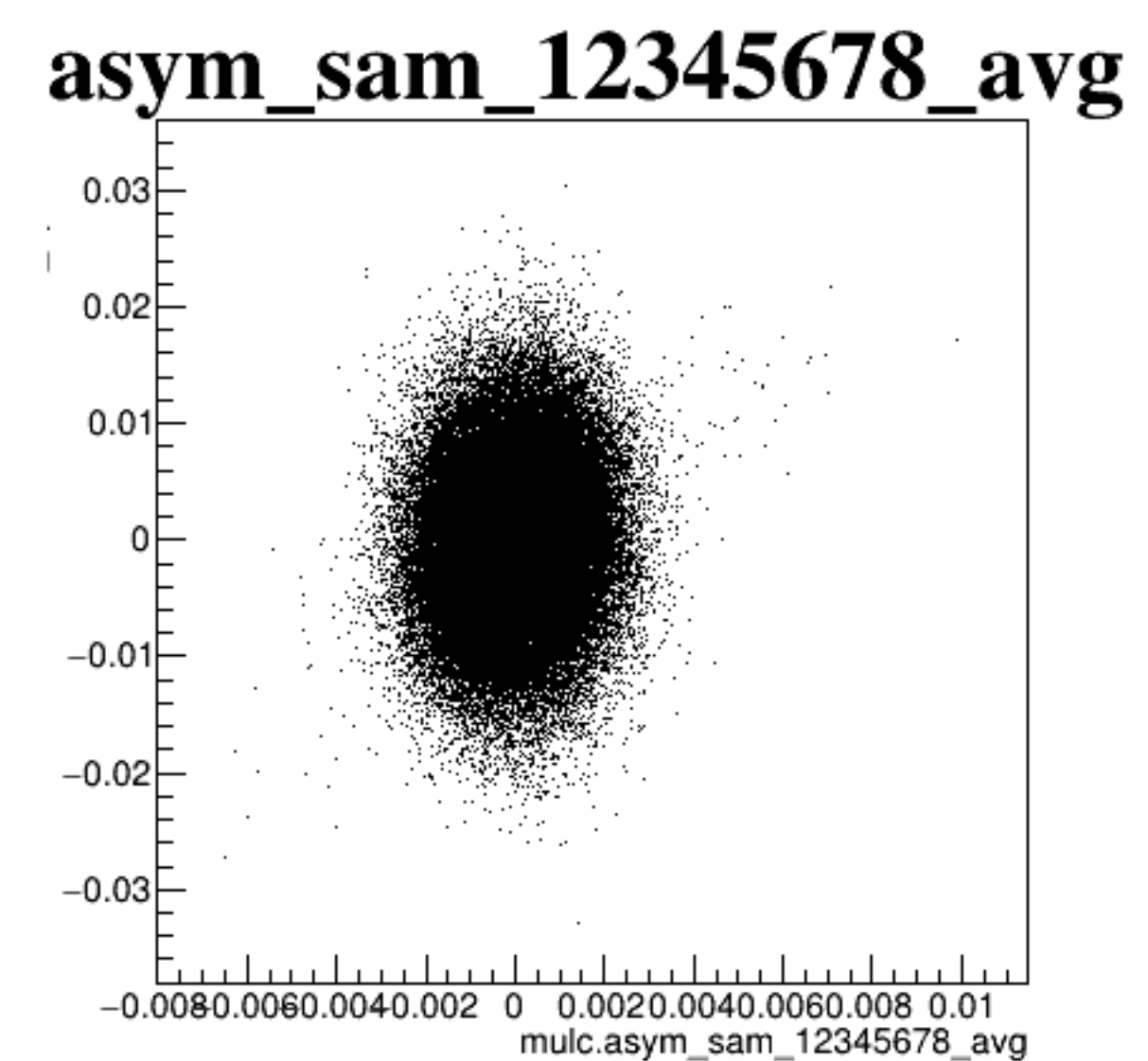
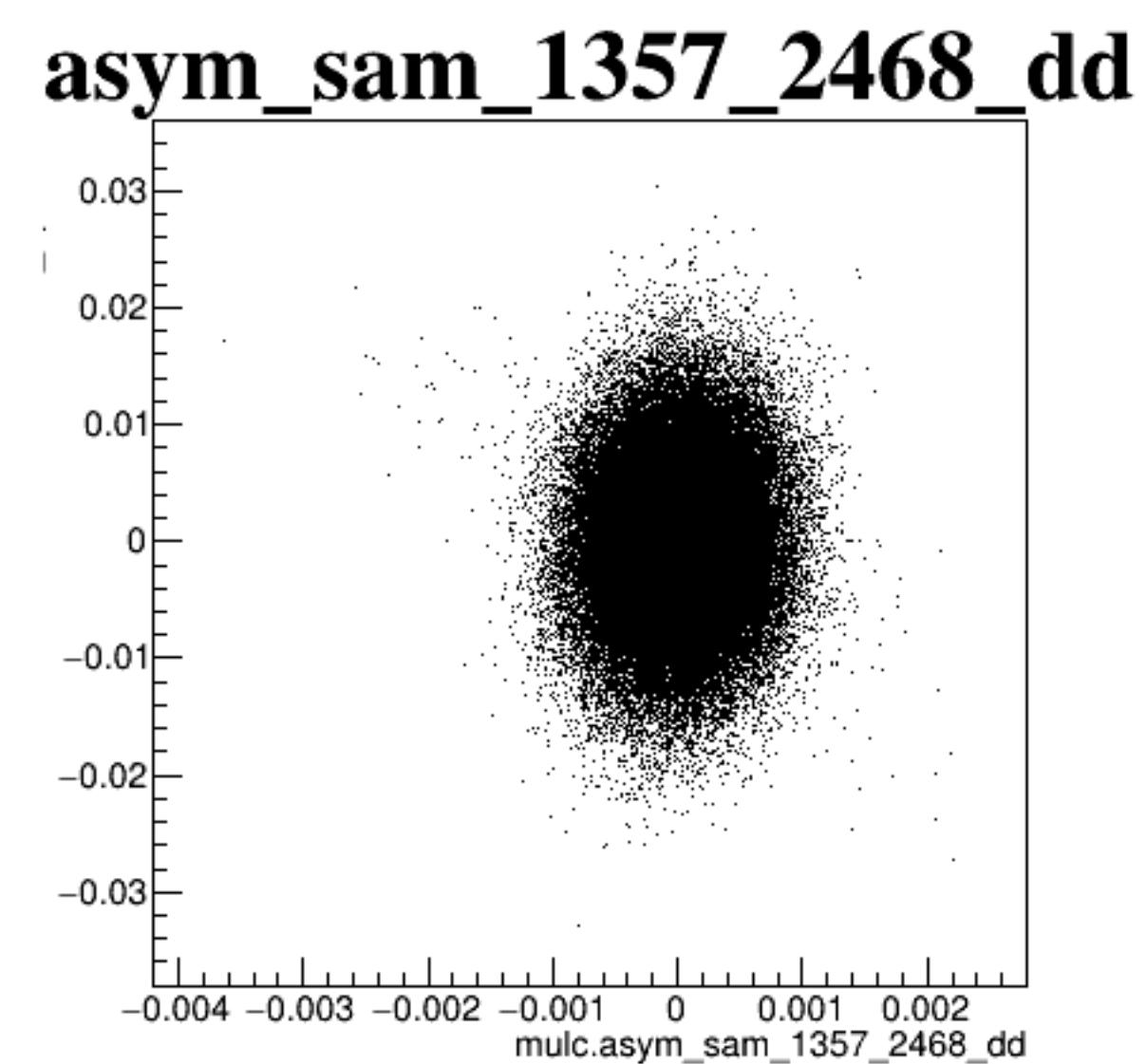
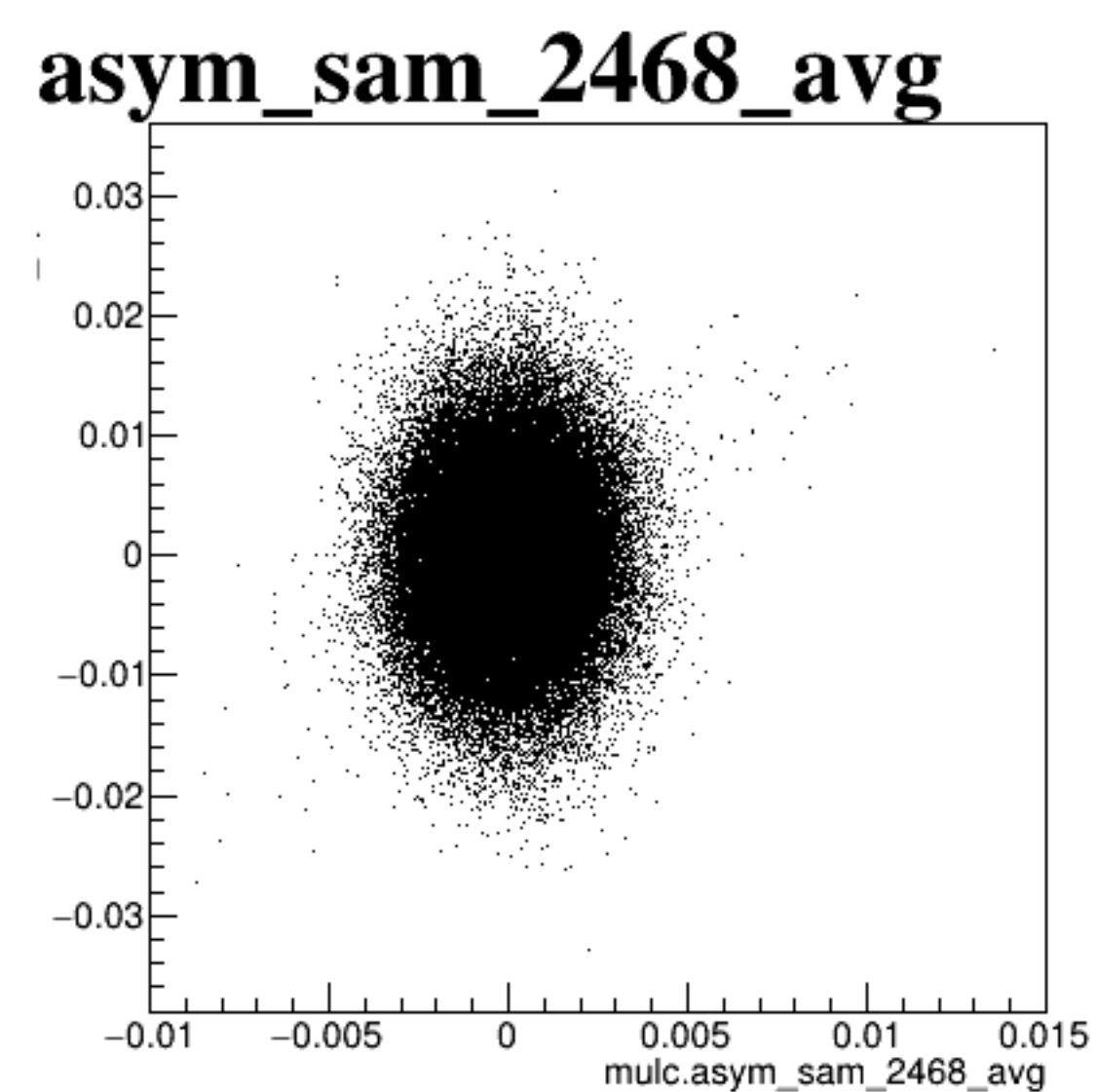
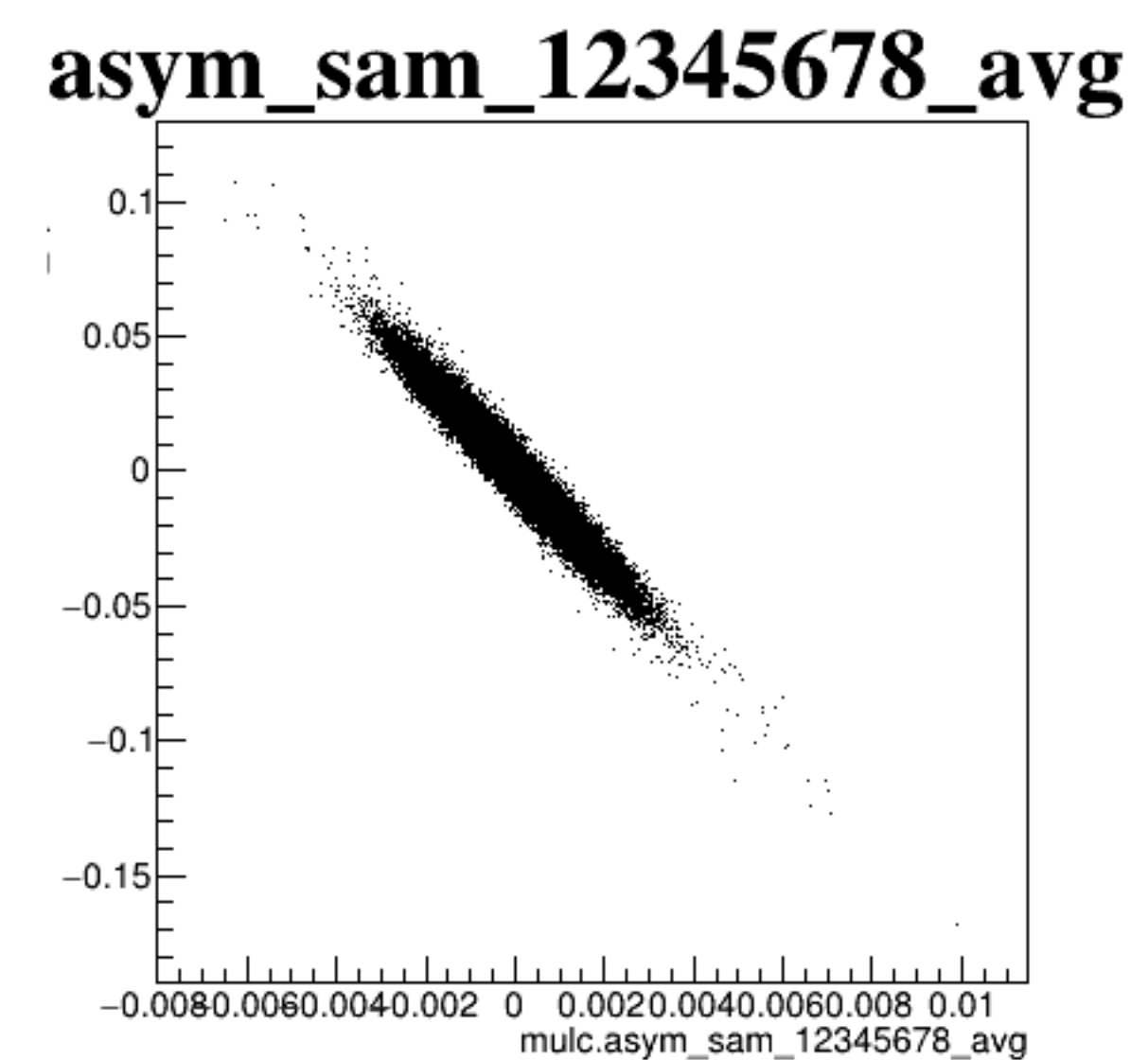
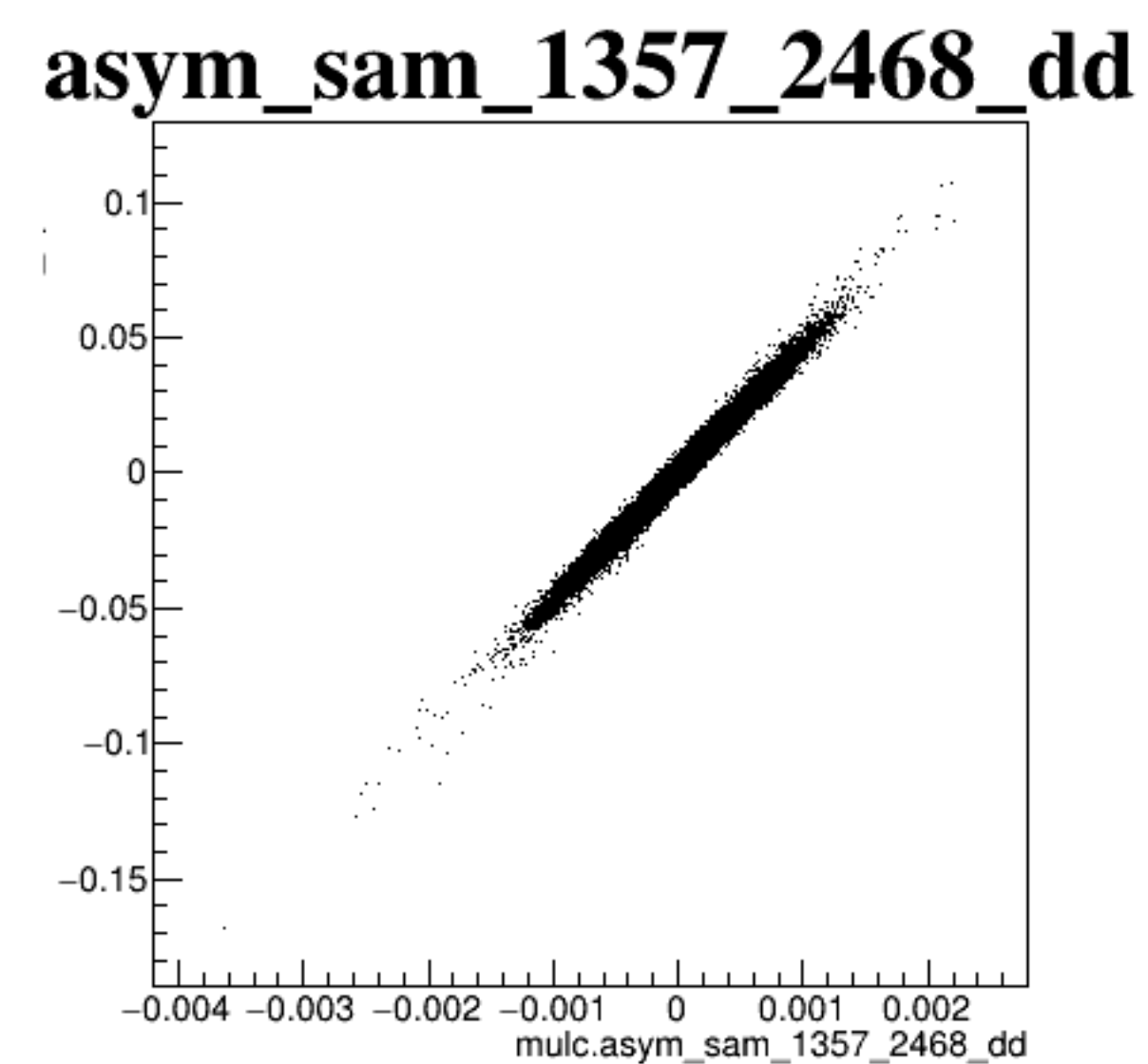
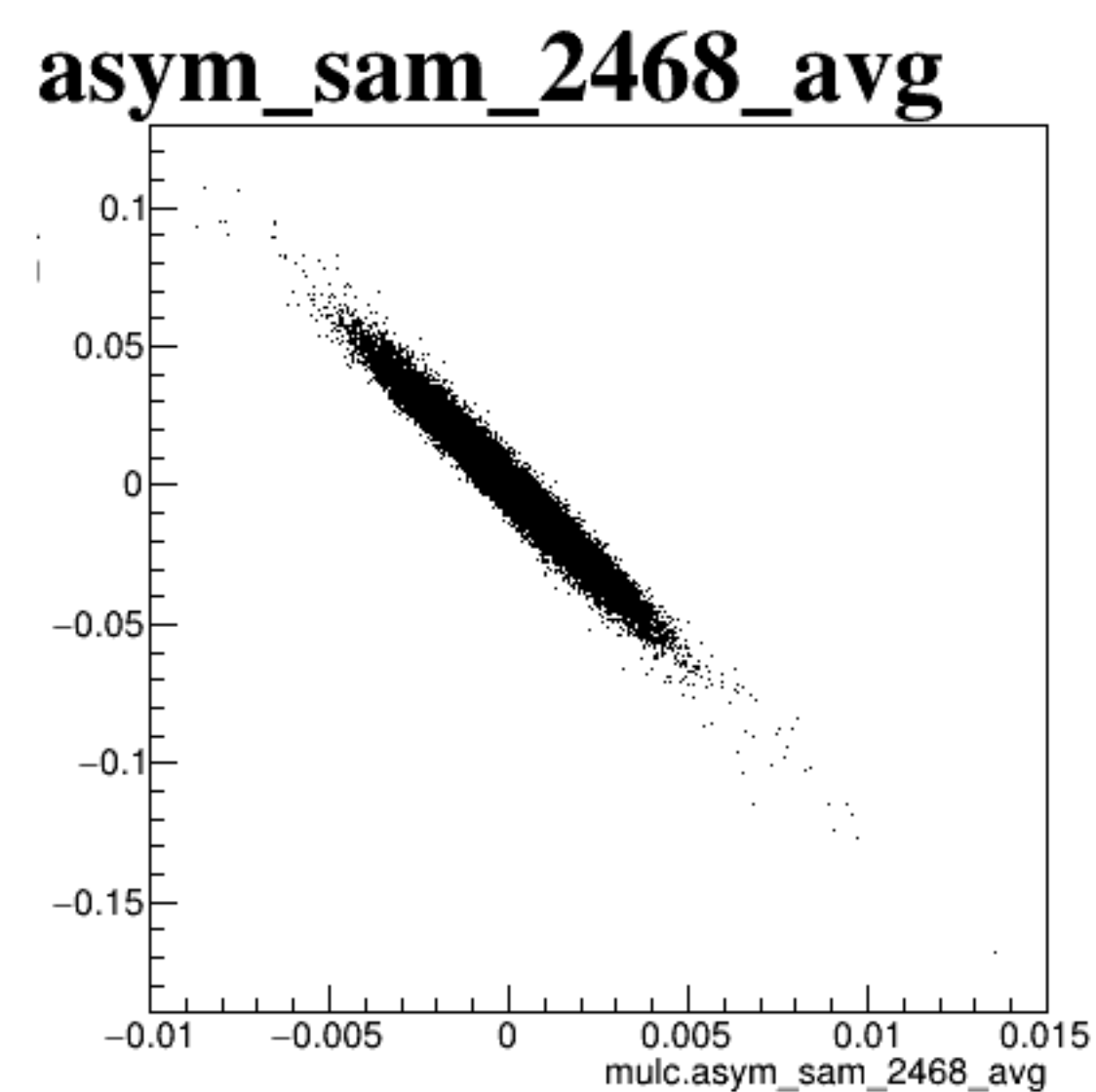
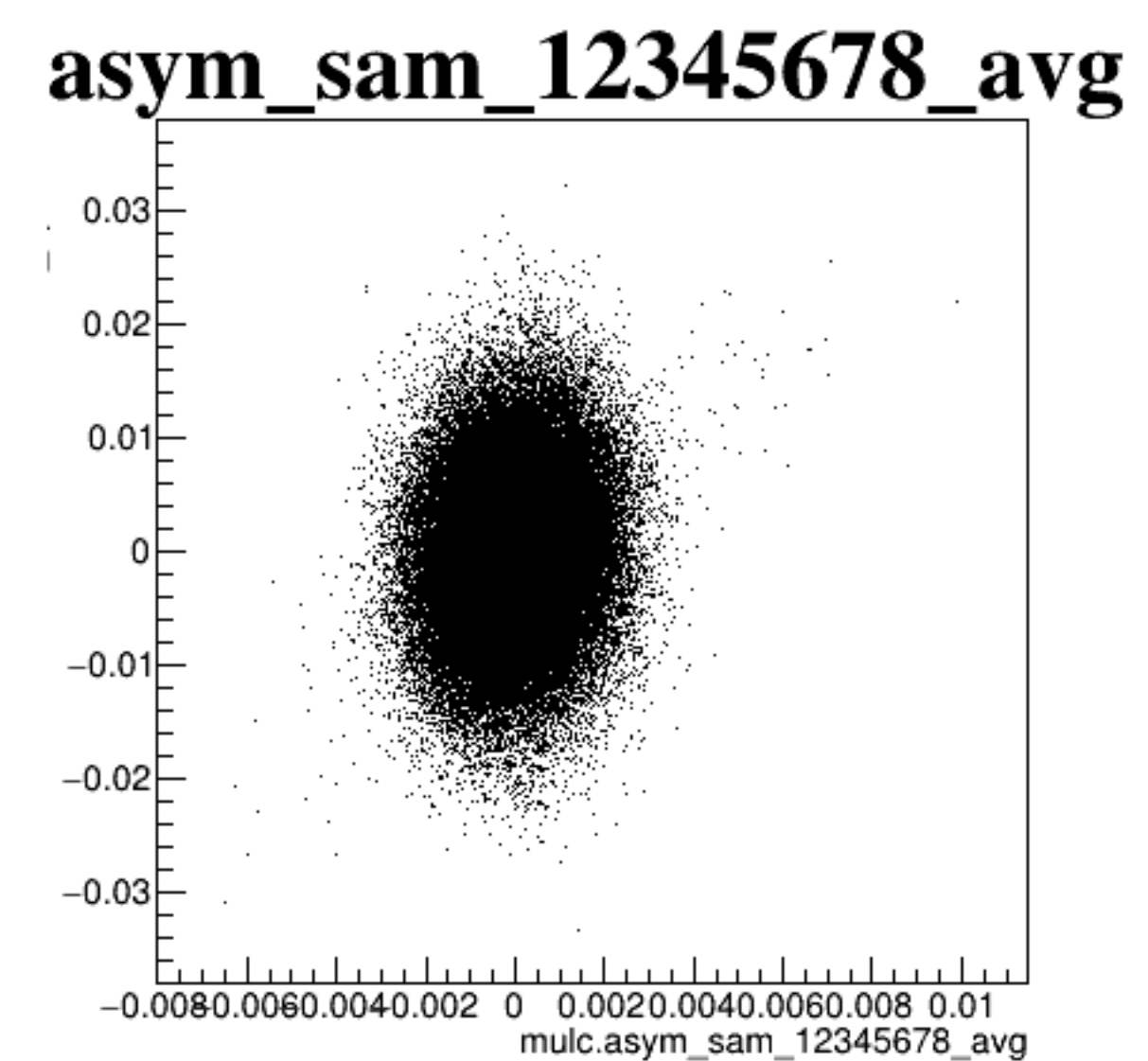
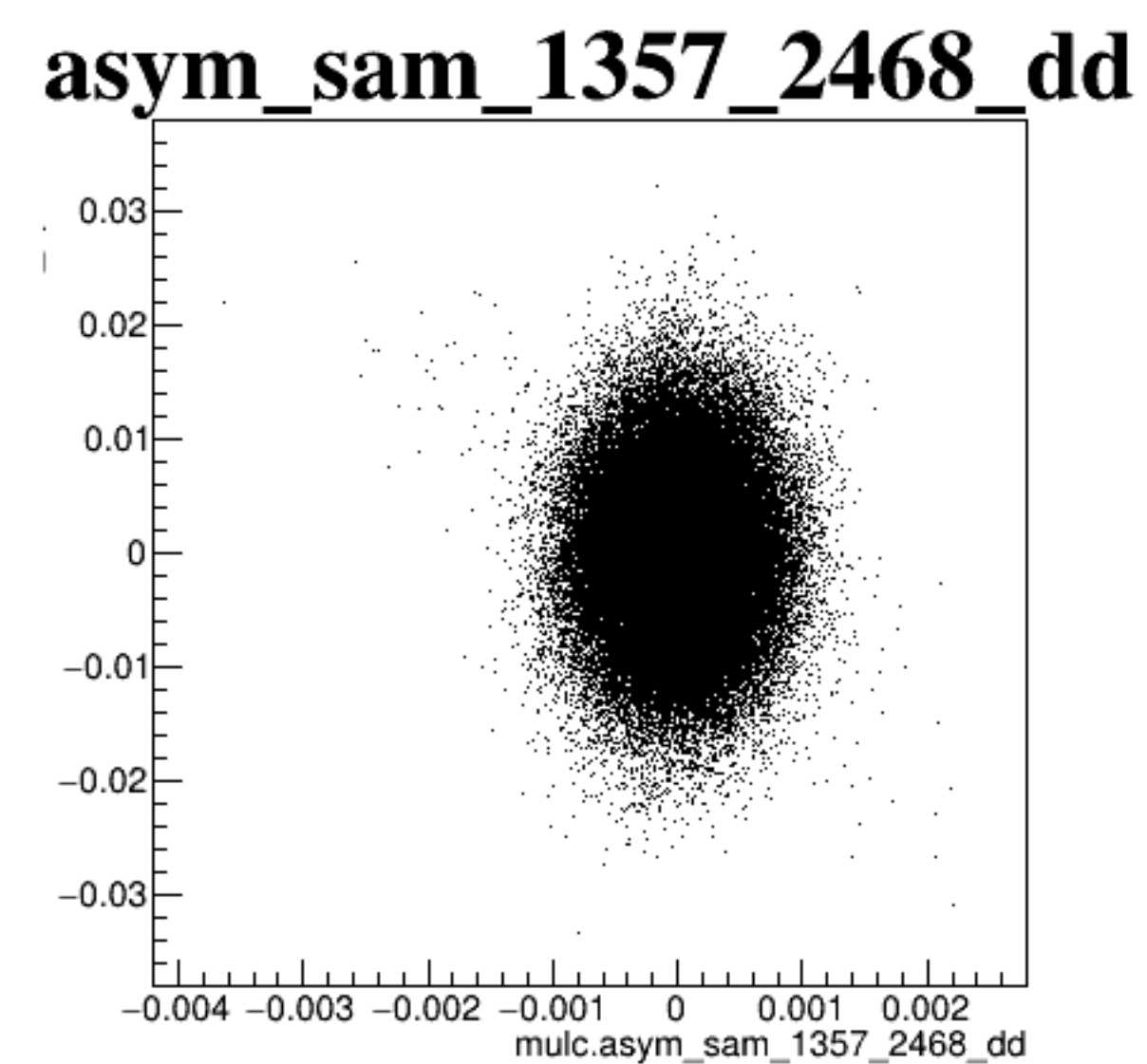
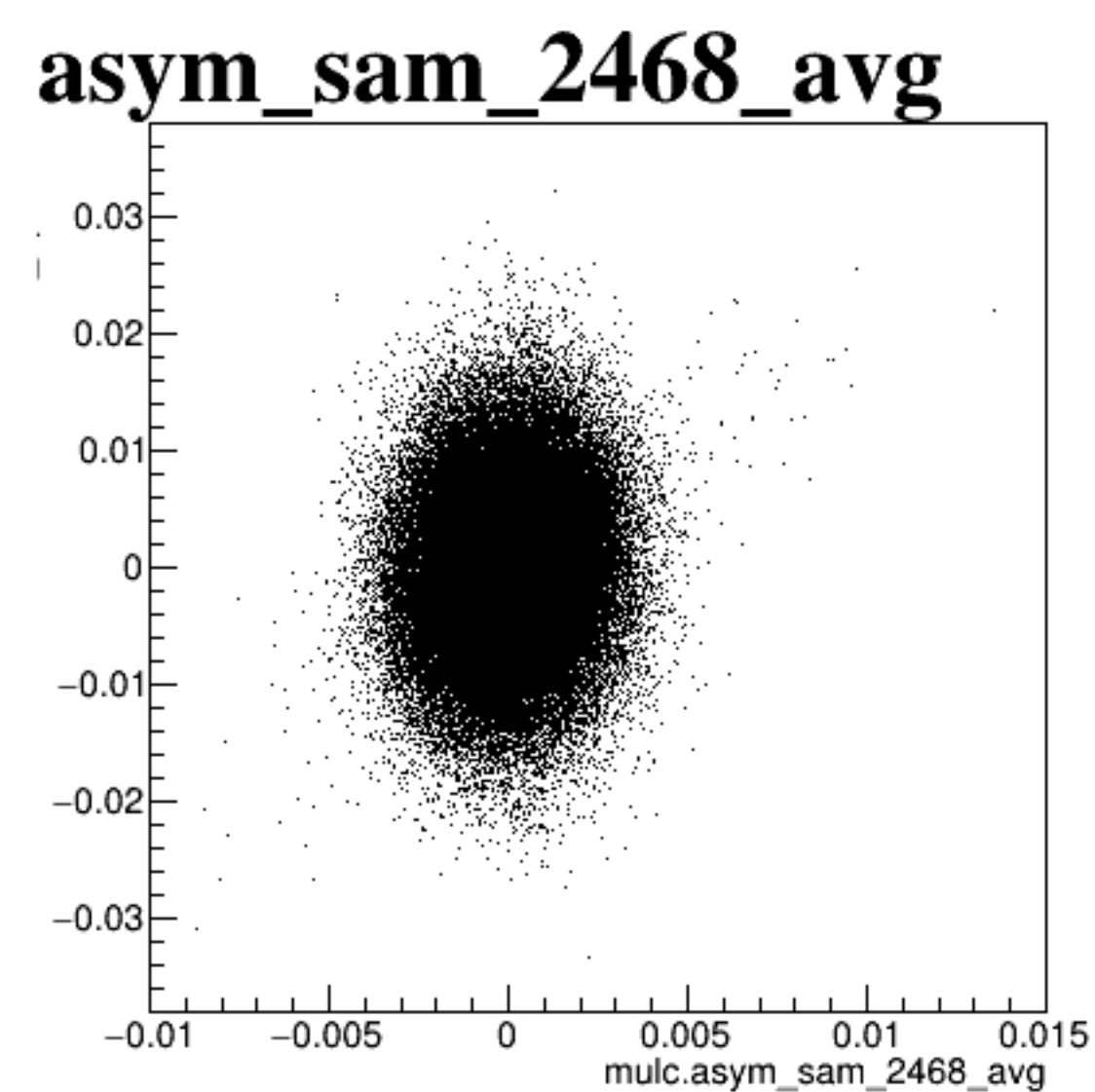
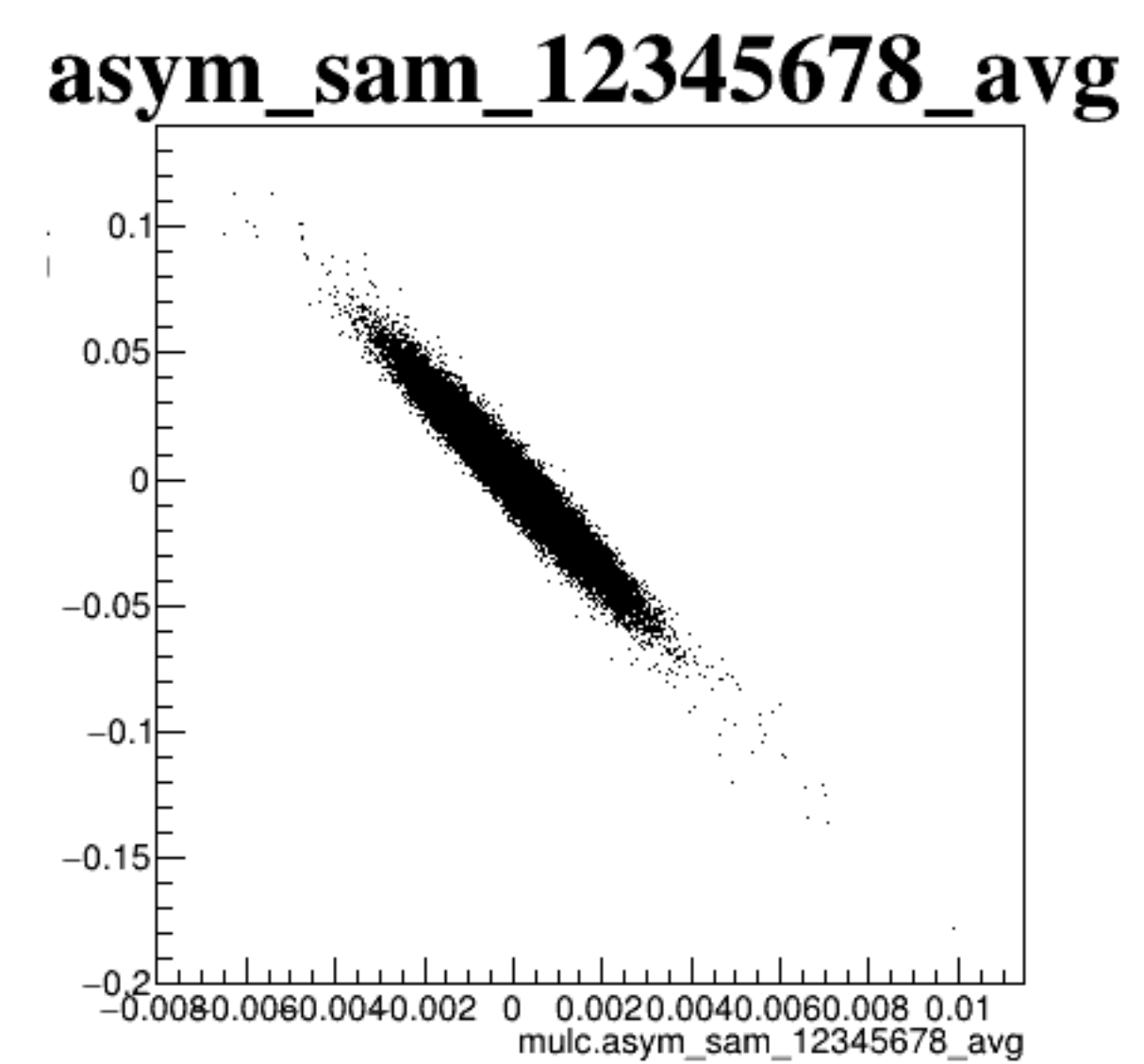
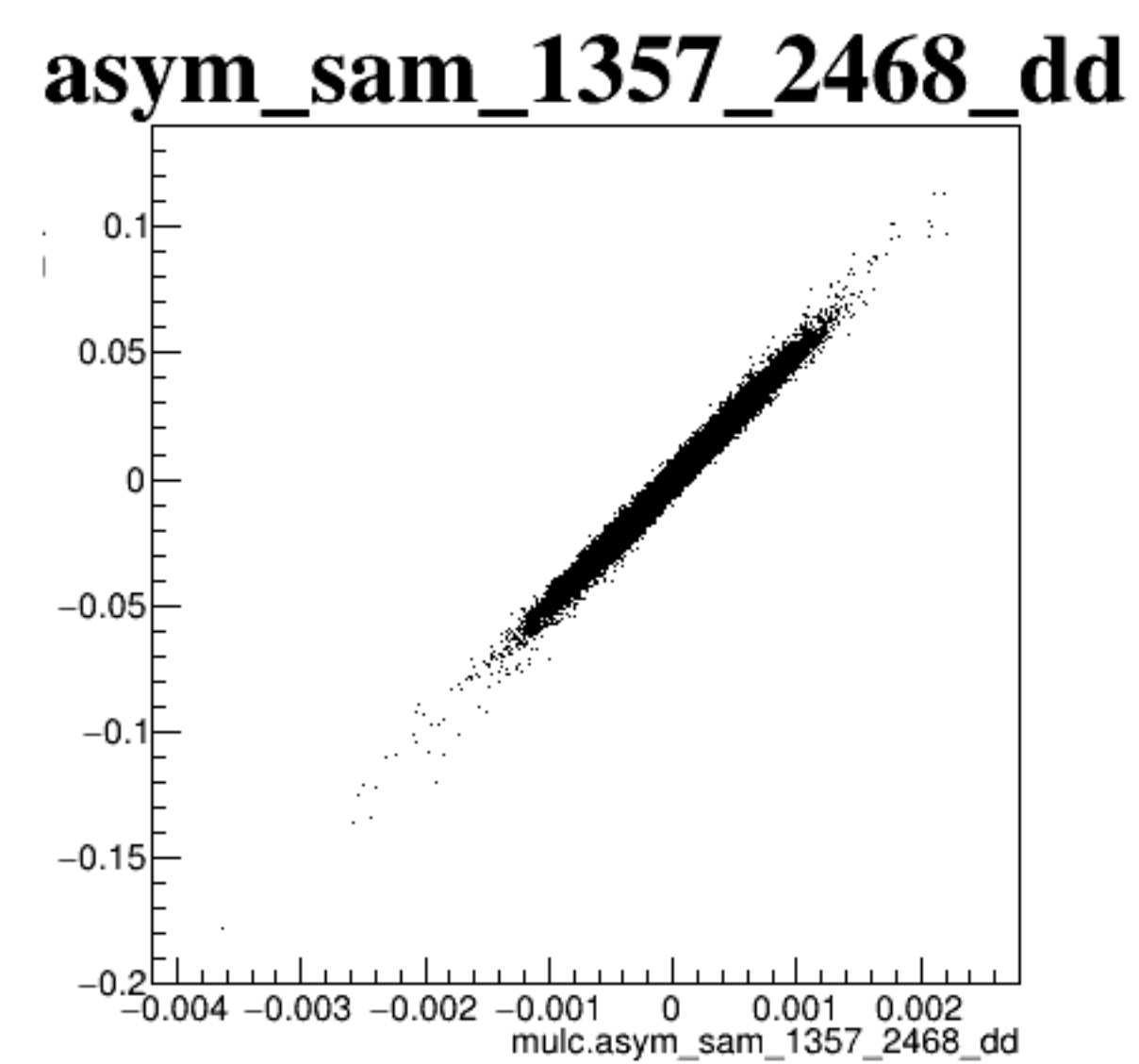
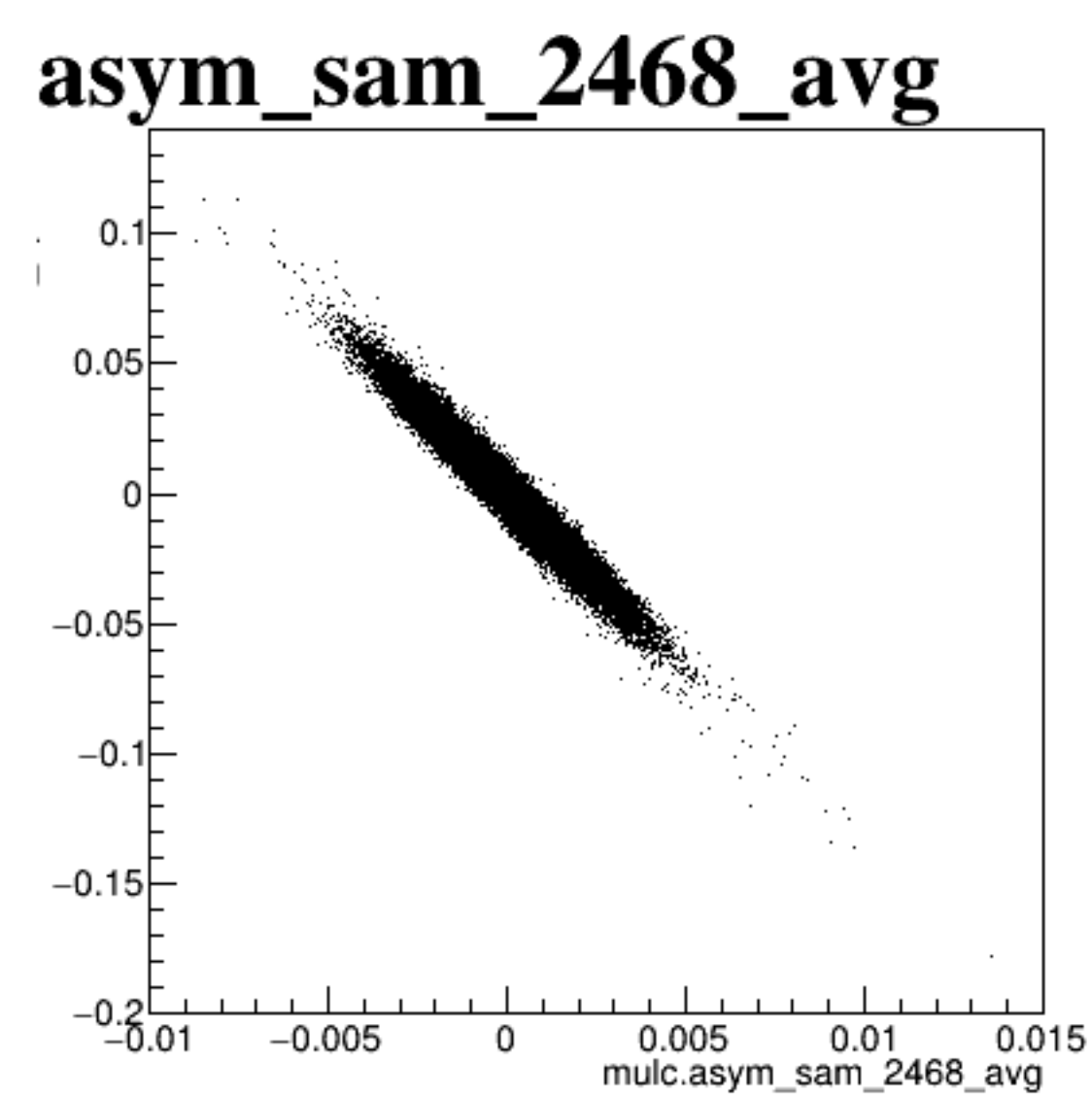


diff_bpm4eY



diff_bpm12X





run8027_000_diff_bpm_mutual_correlation_scat_sam_combos.png