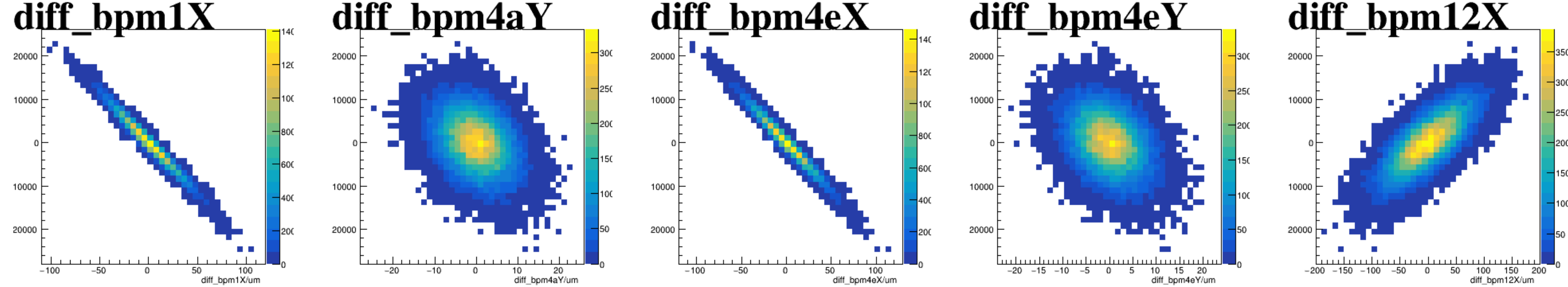
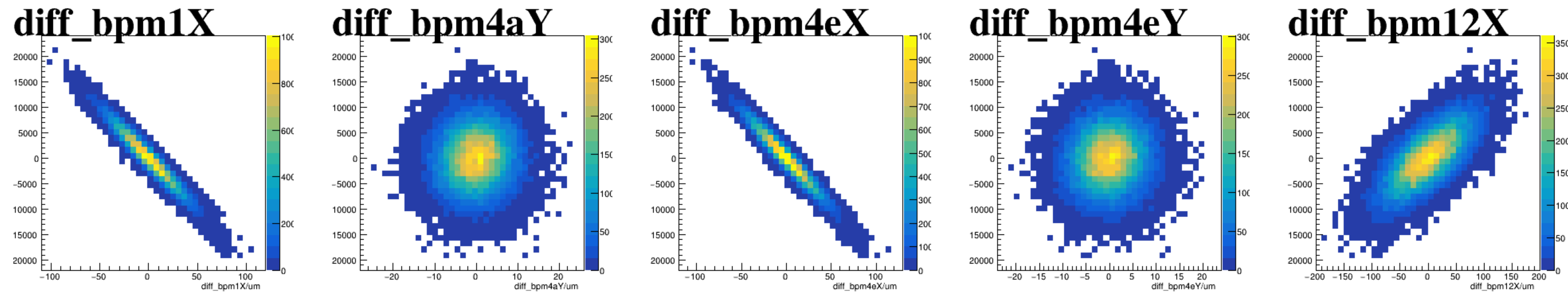


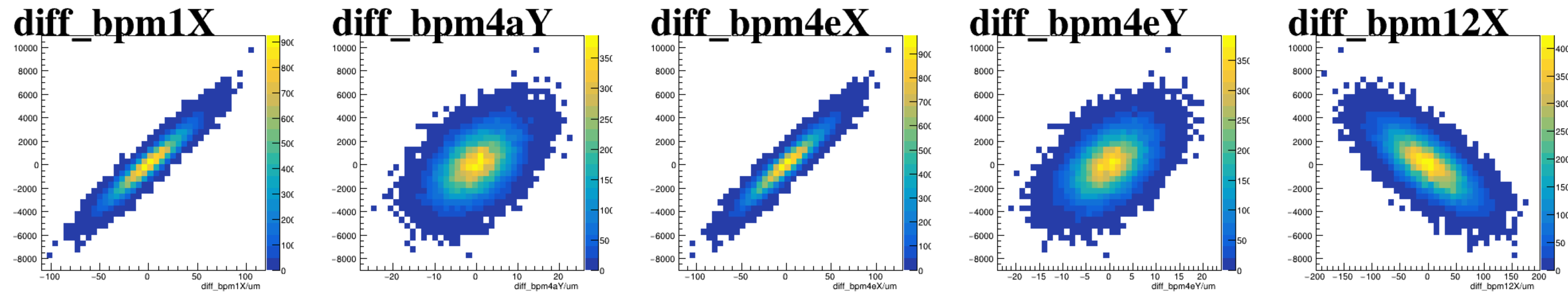
asym_sam2



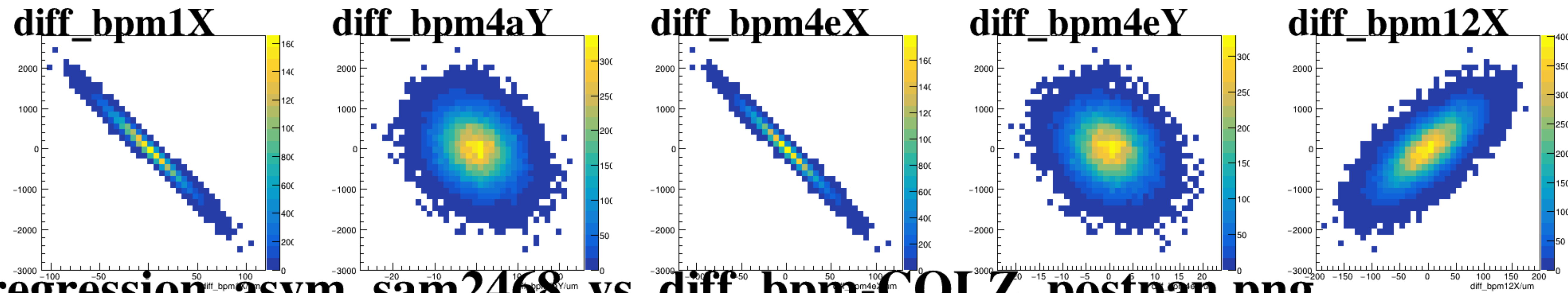
asym_sam4



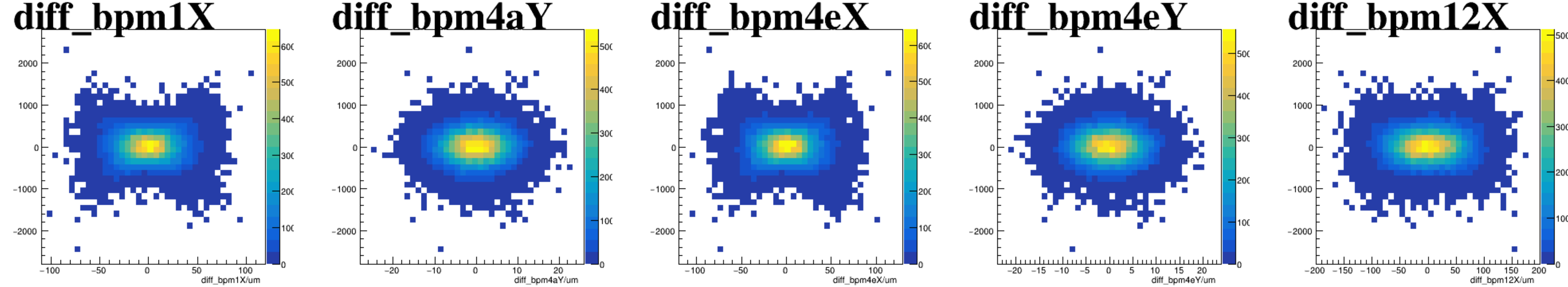
asym_sam6



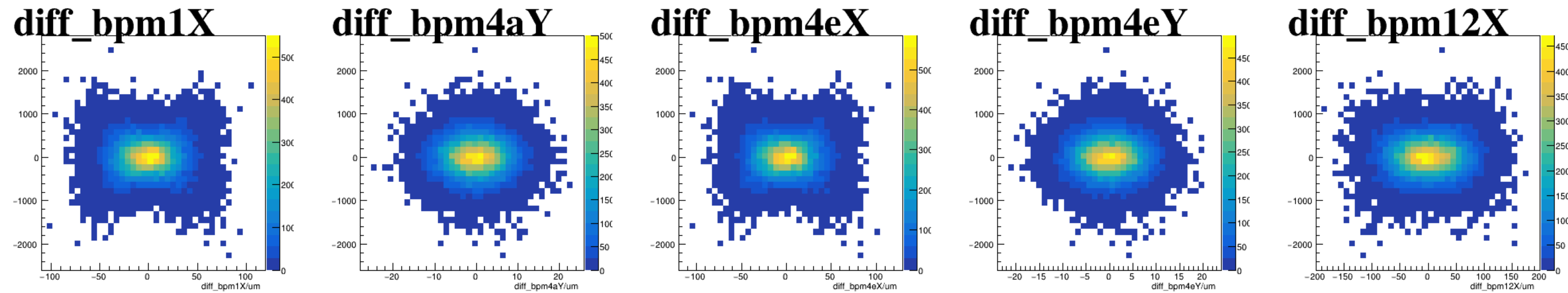
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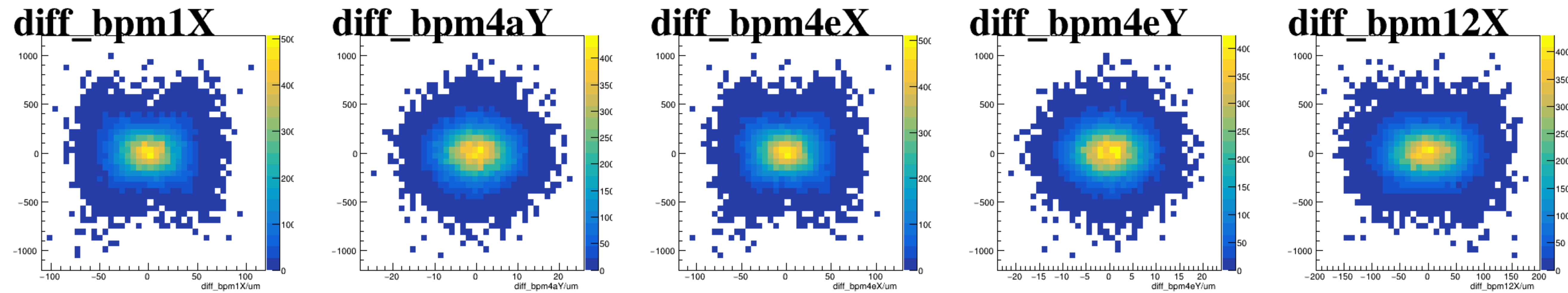
reg_asym_sam2



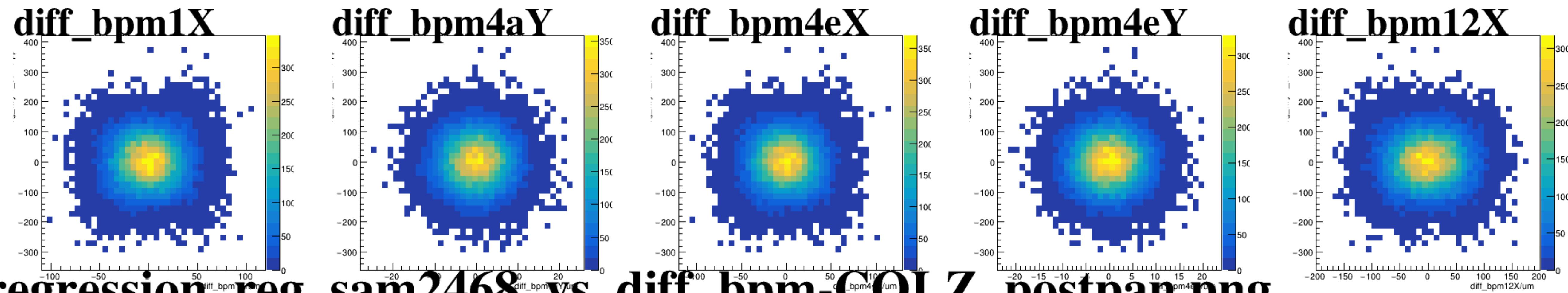
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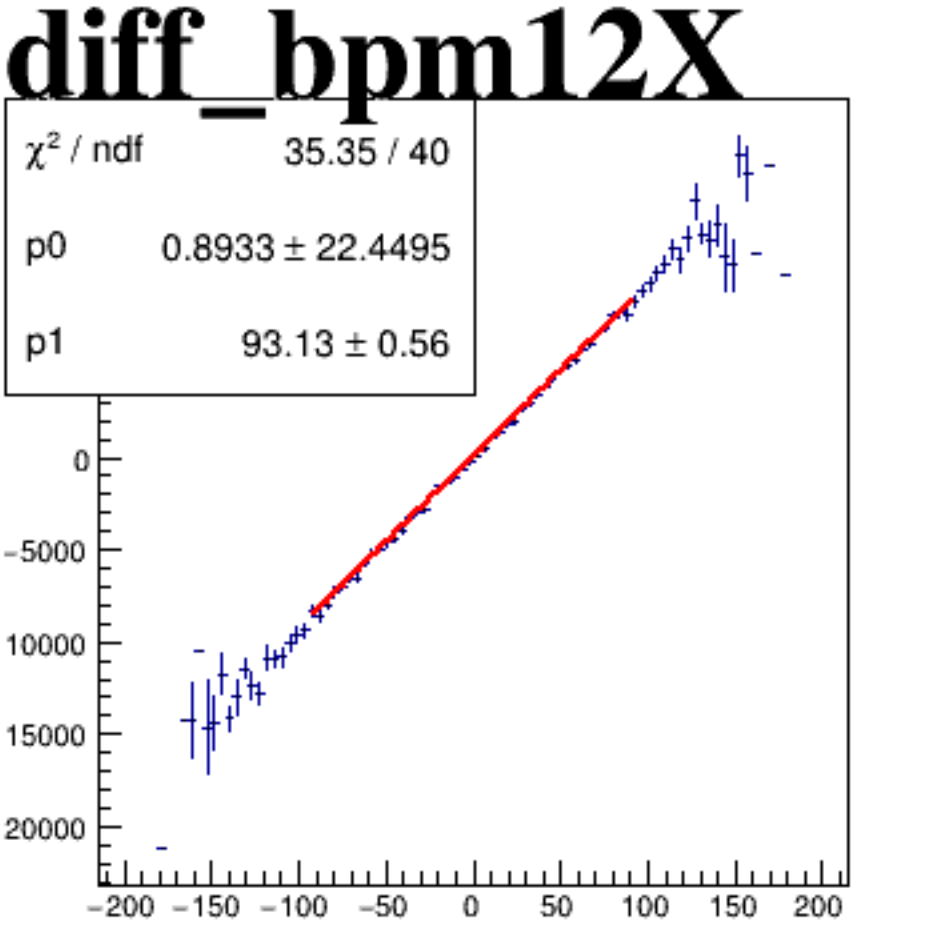
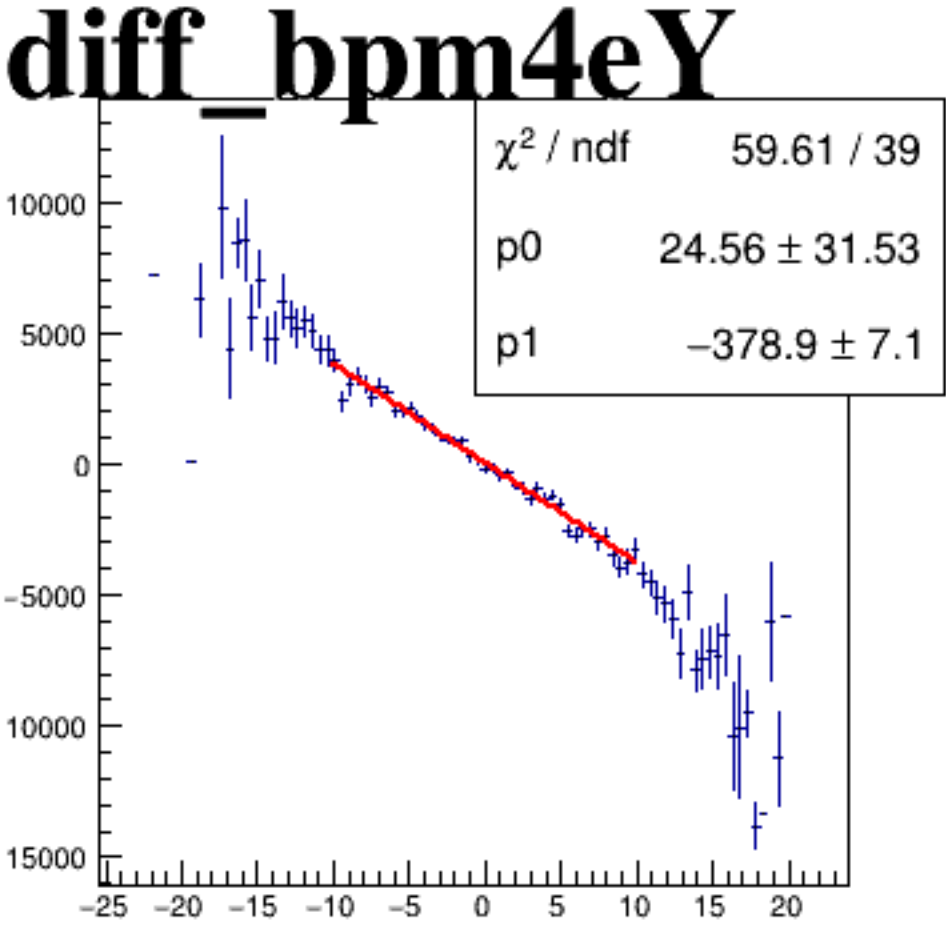
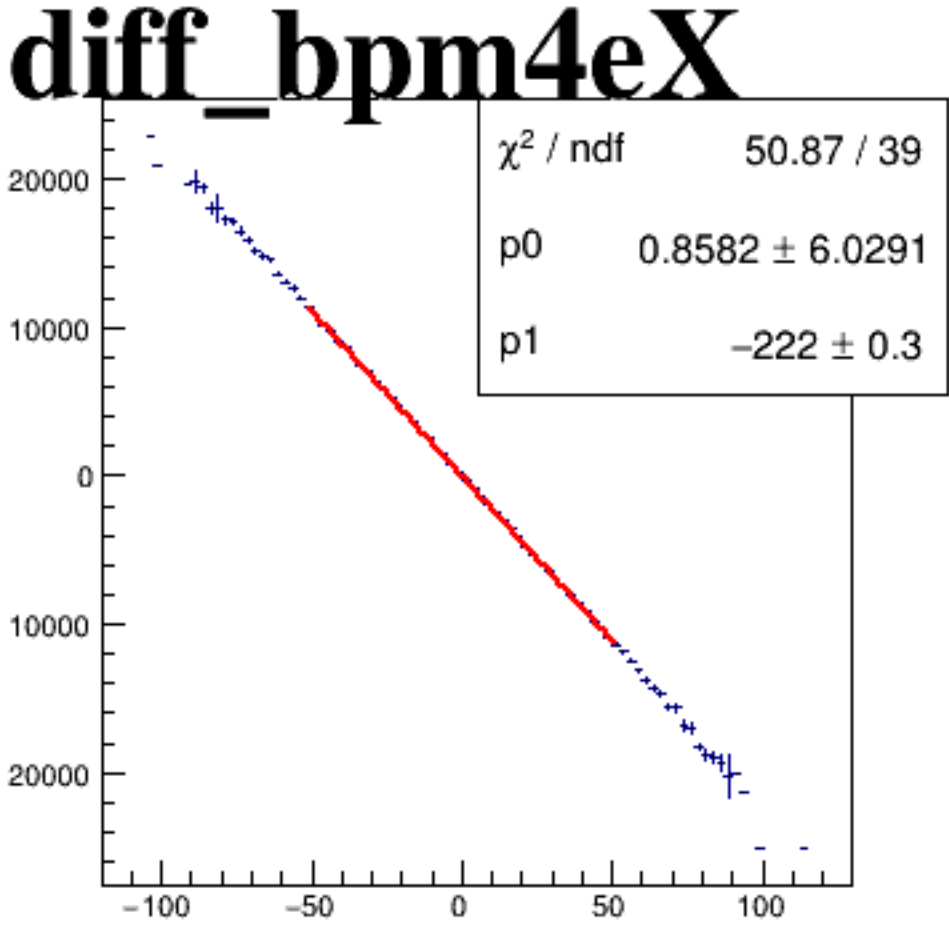
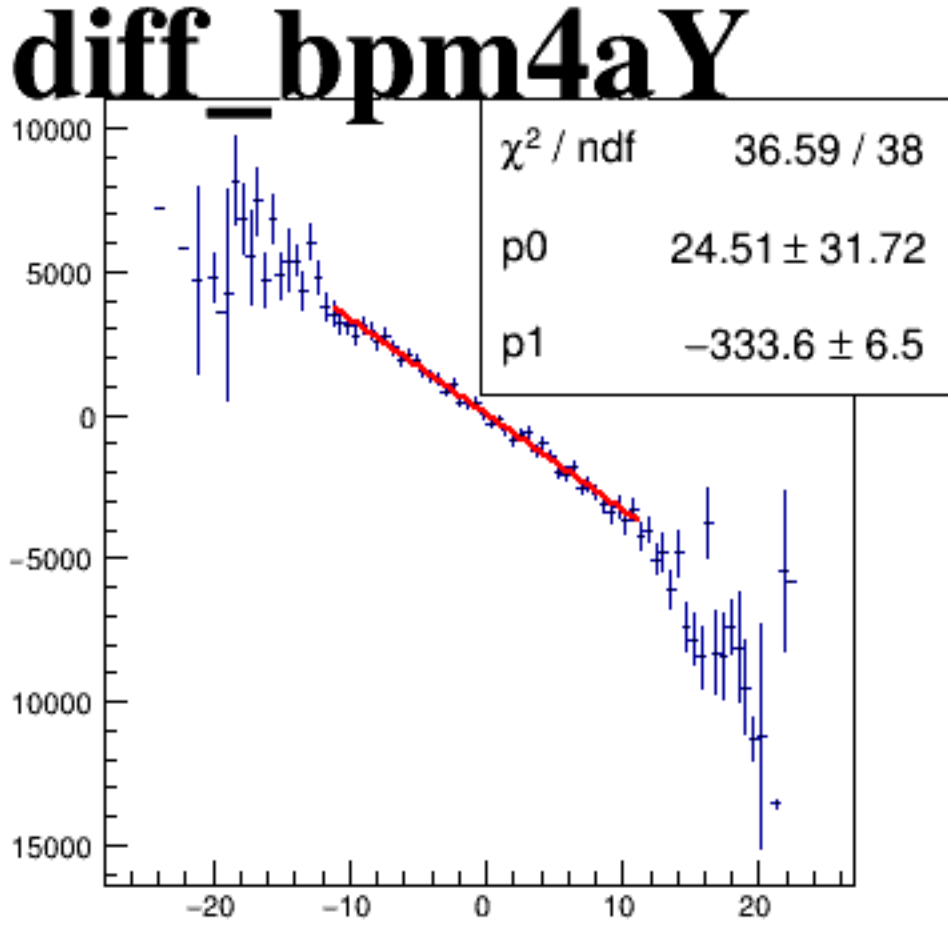
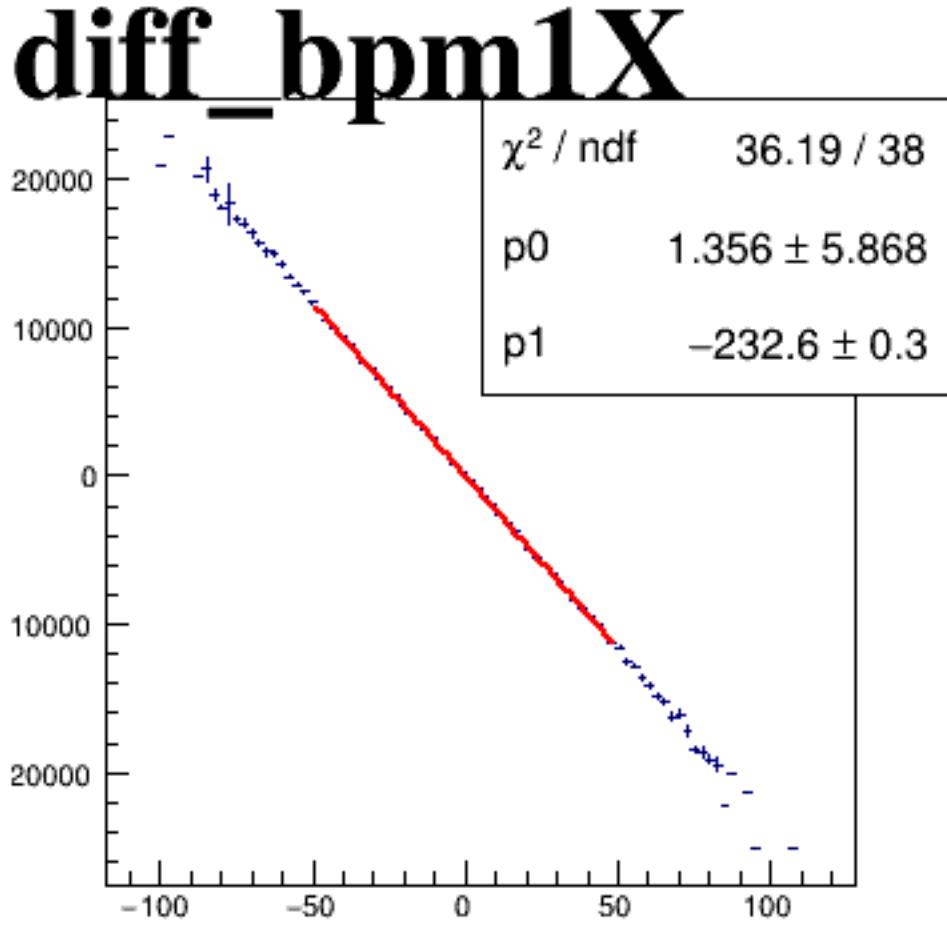
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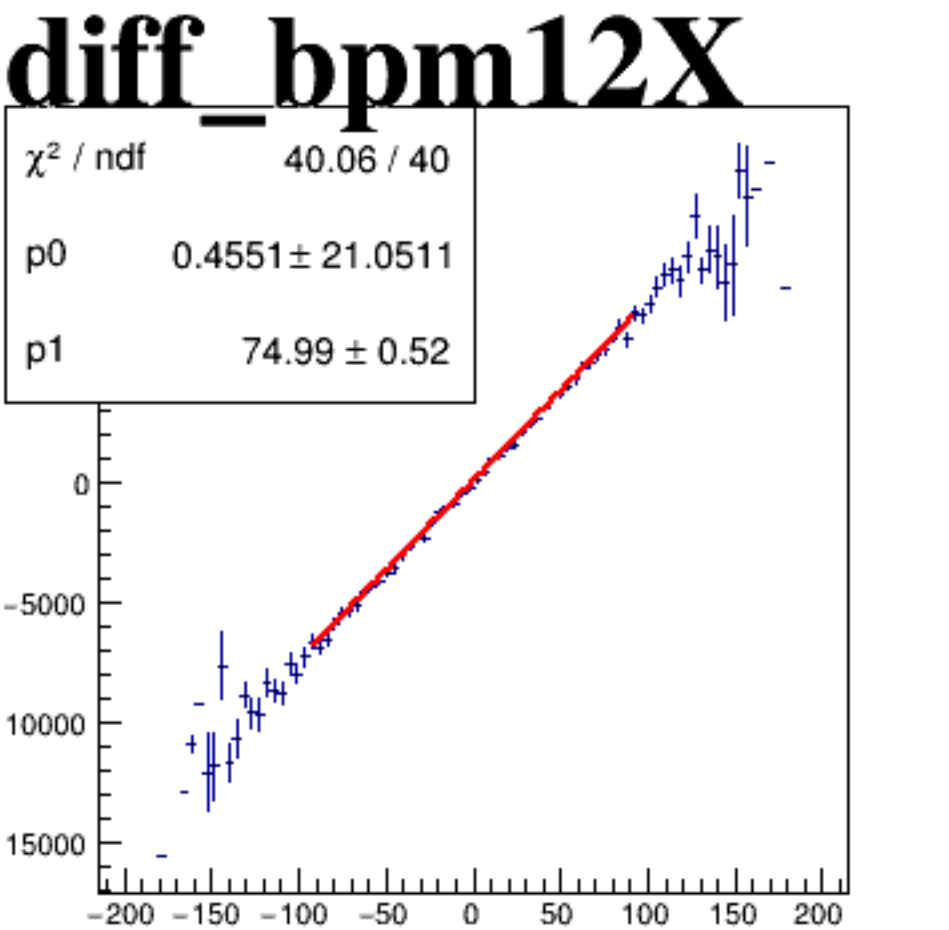
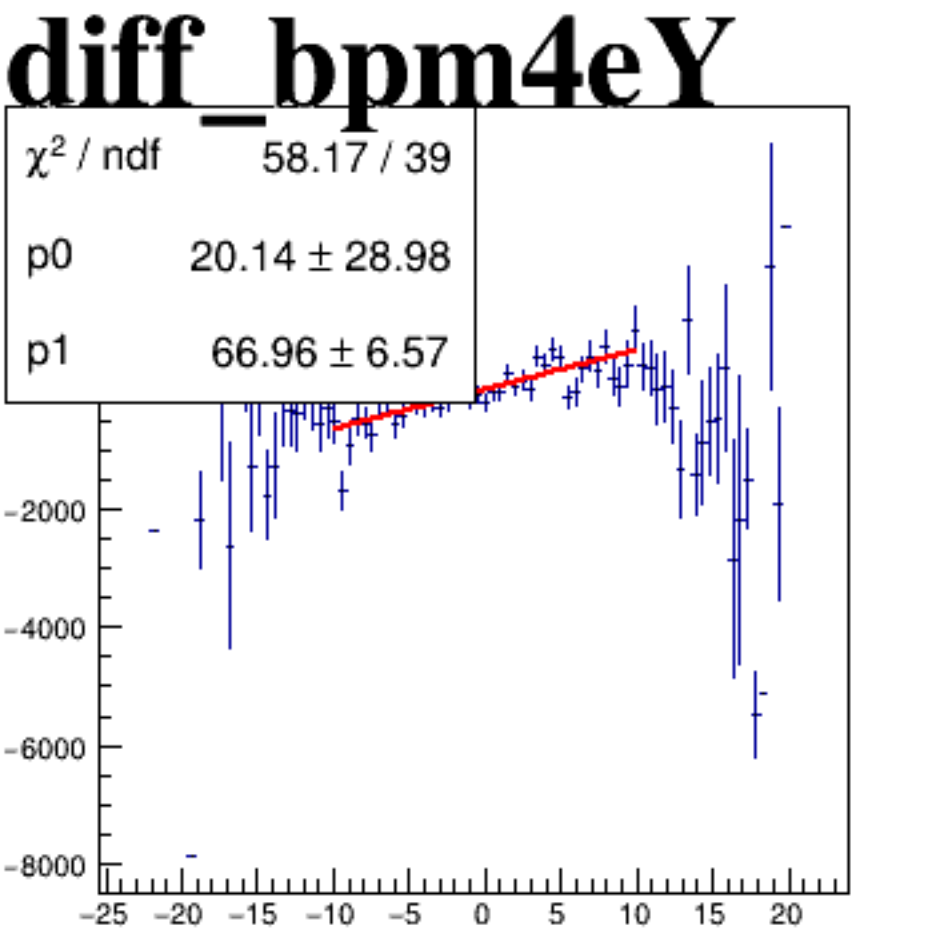
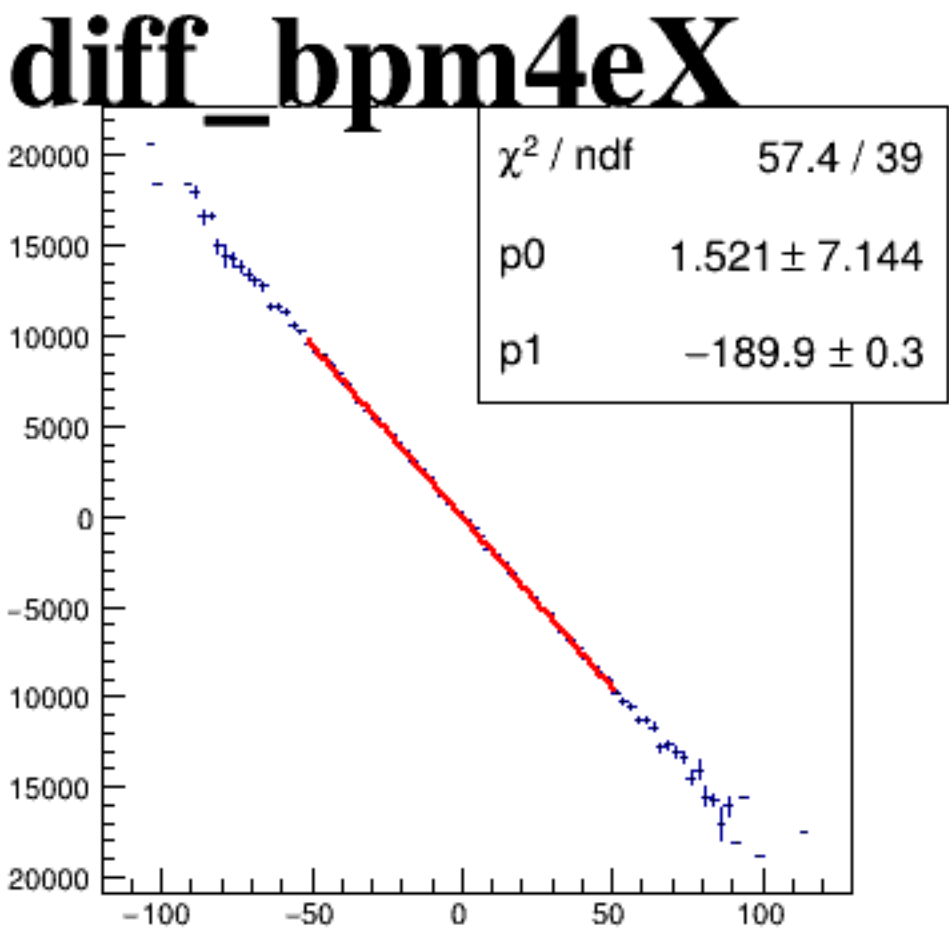
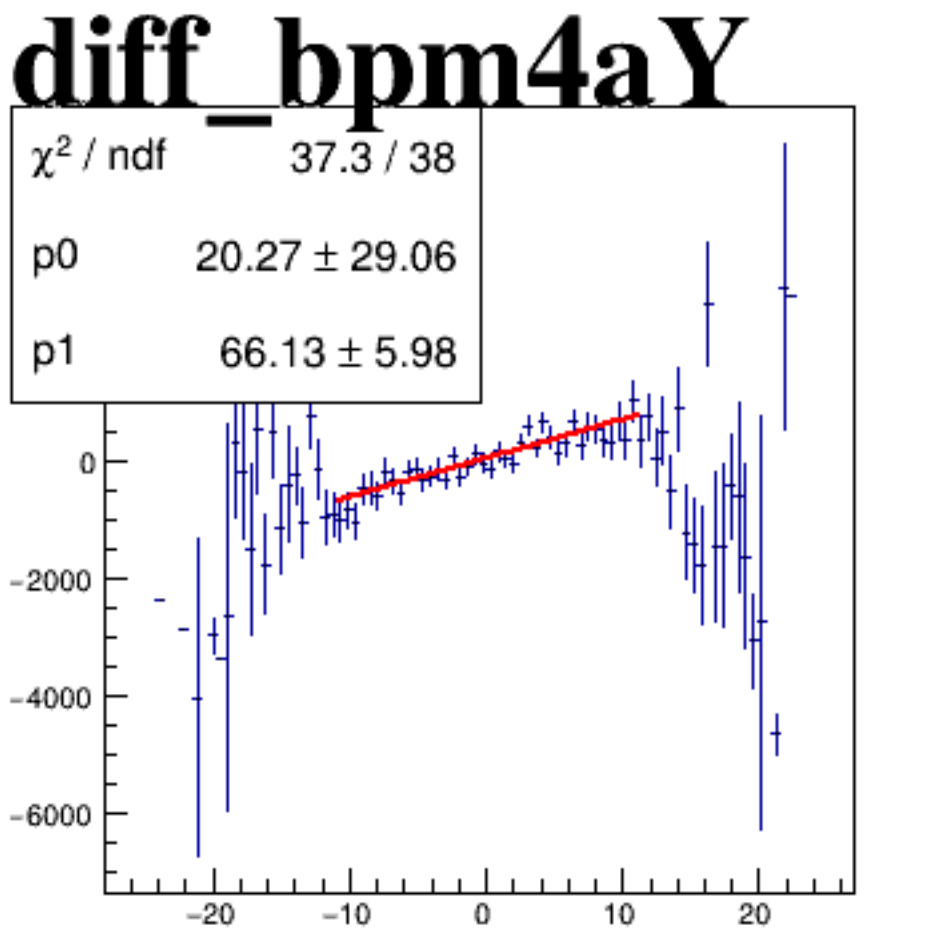
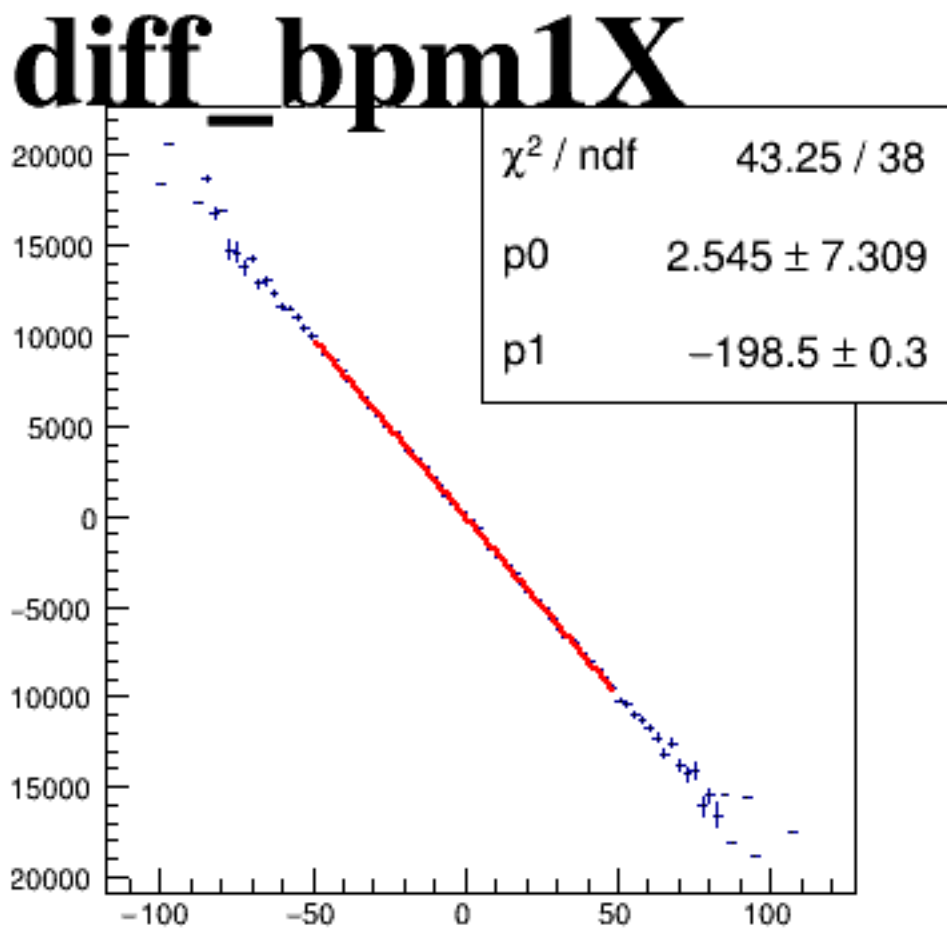
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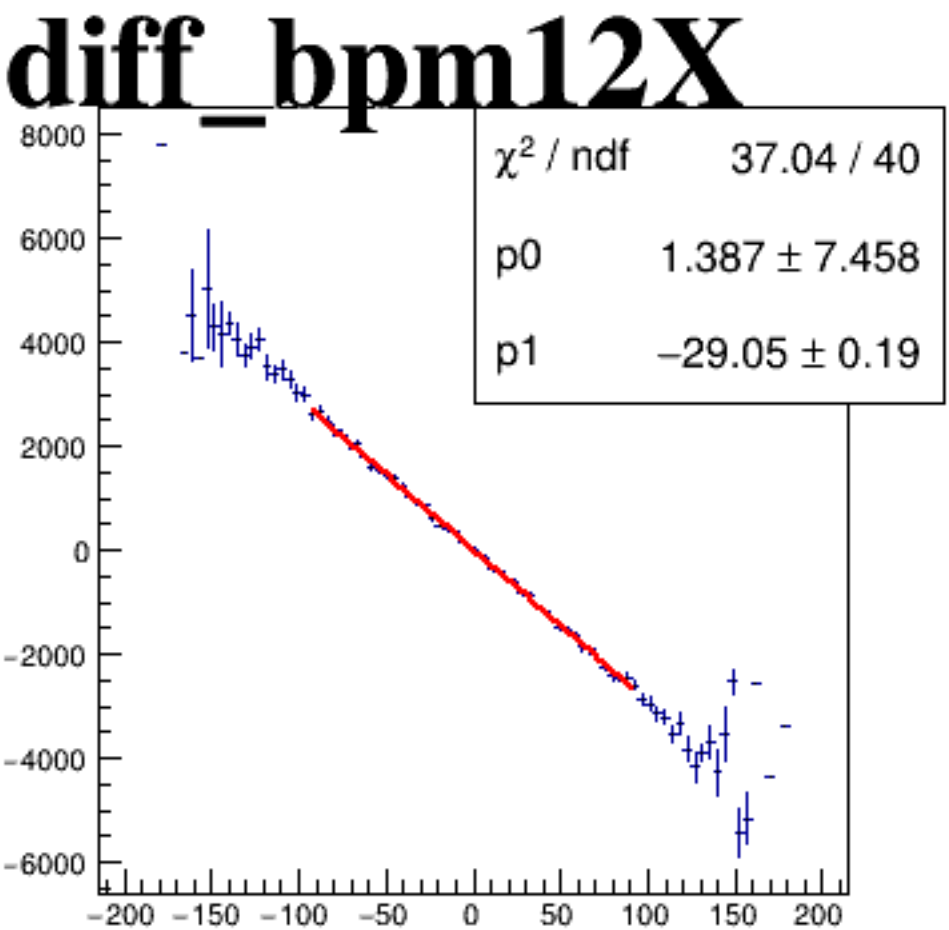
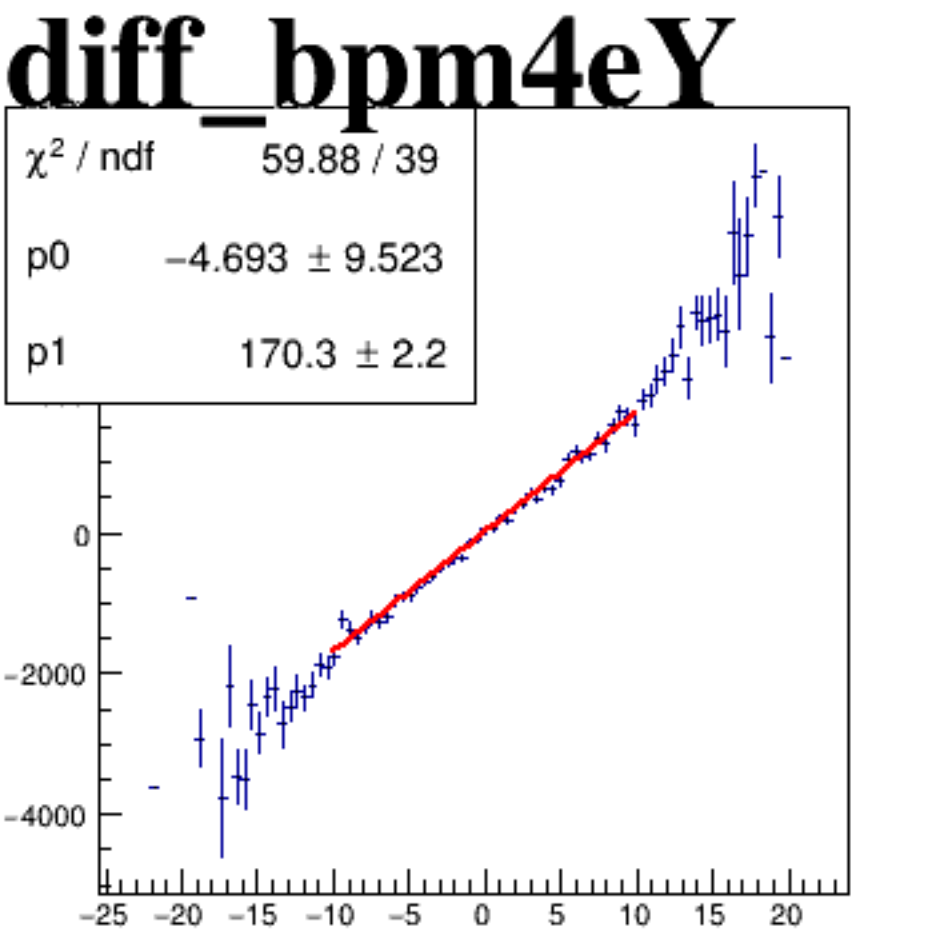
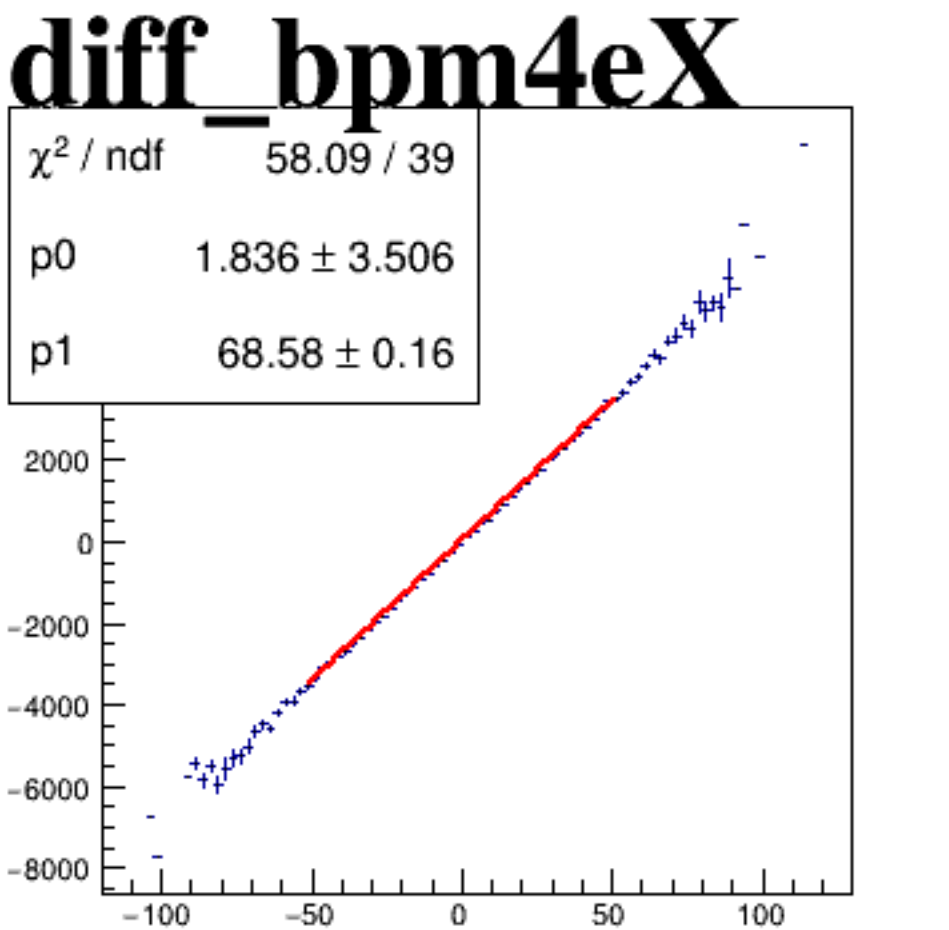
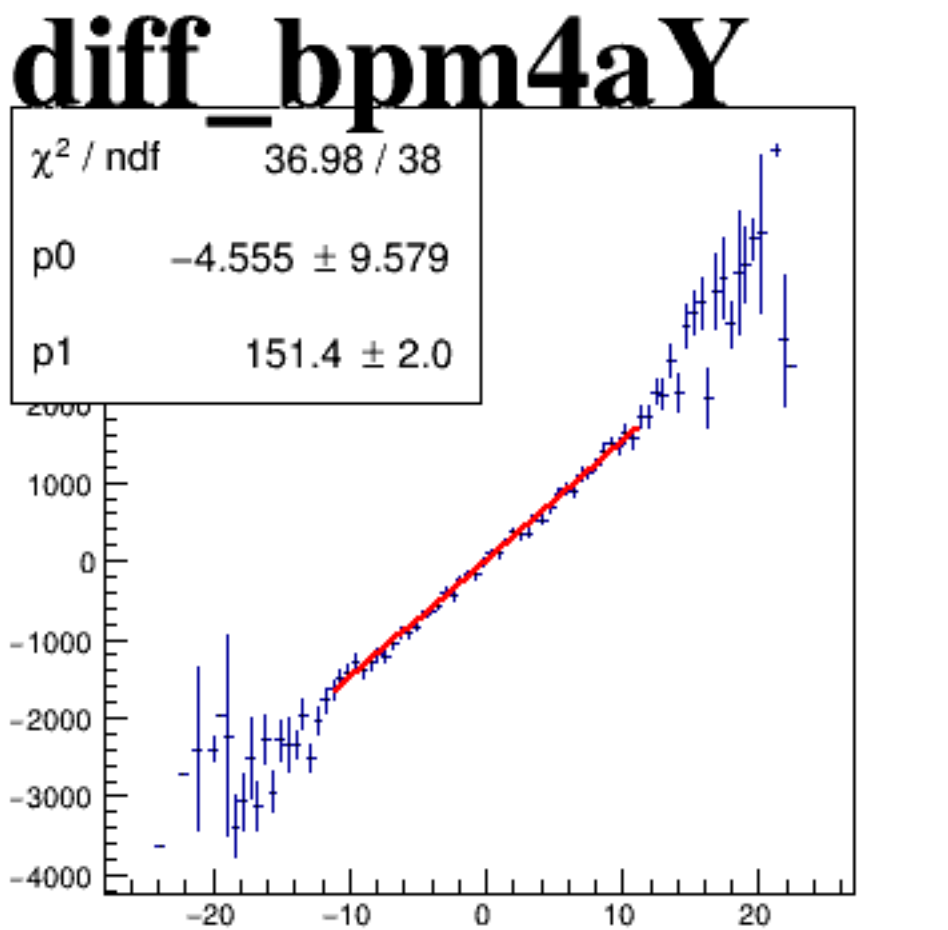
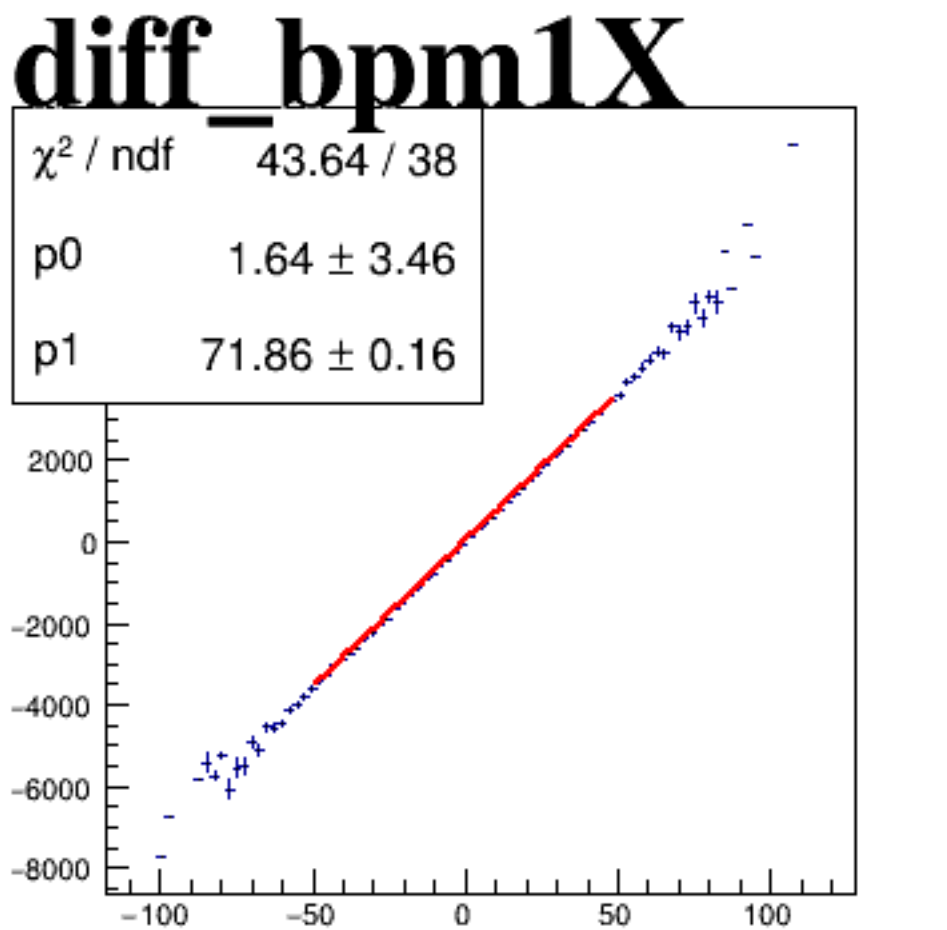
asym_sam2



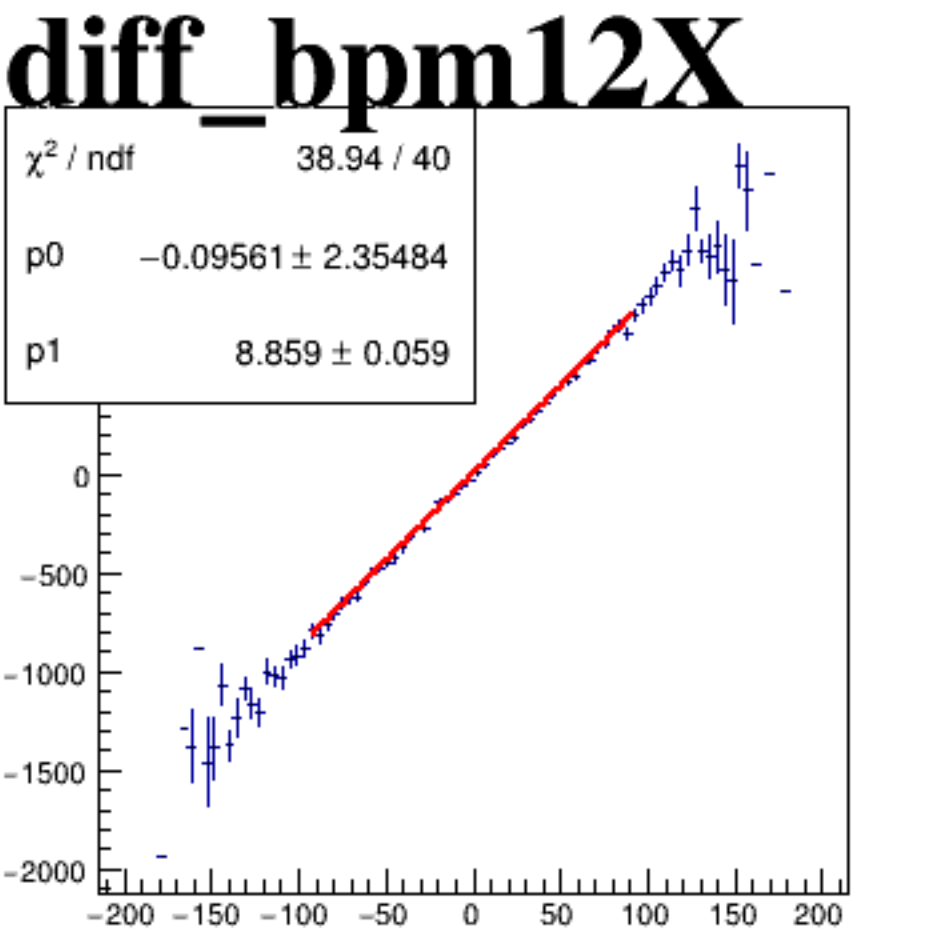
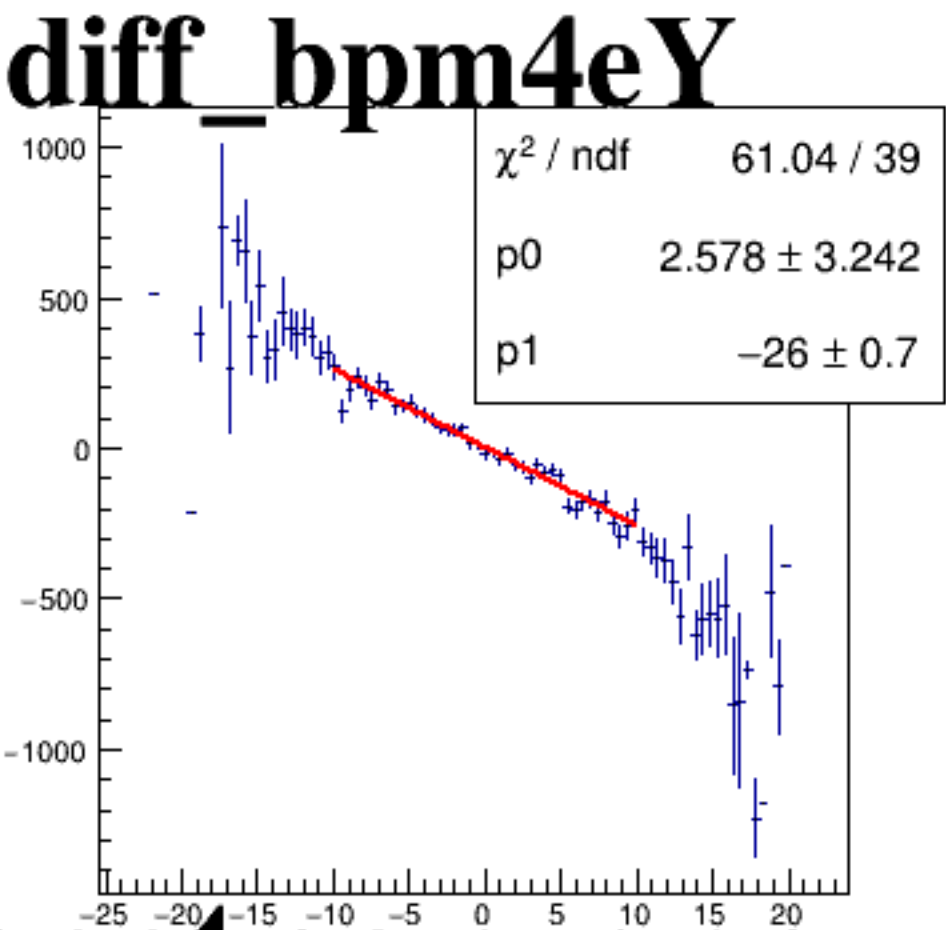
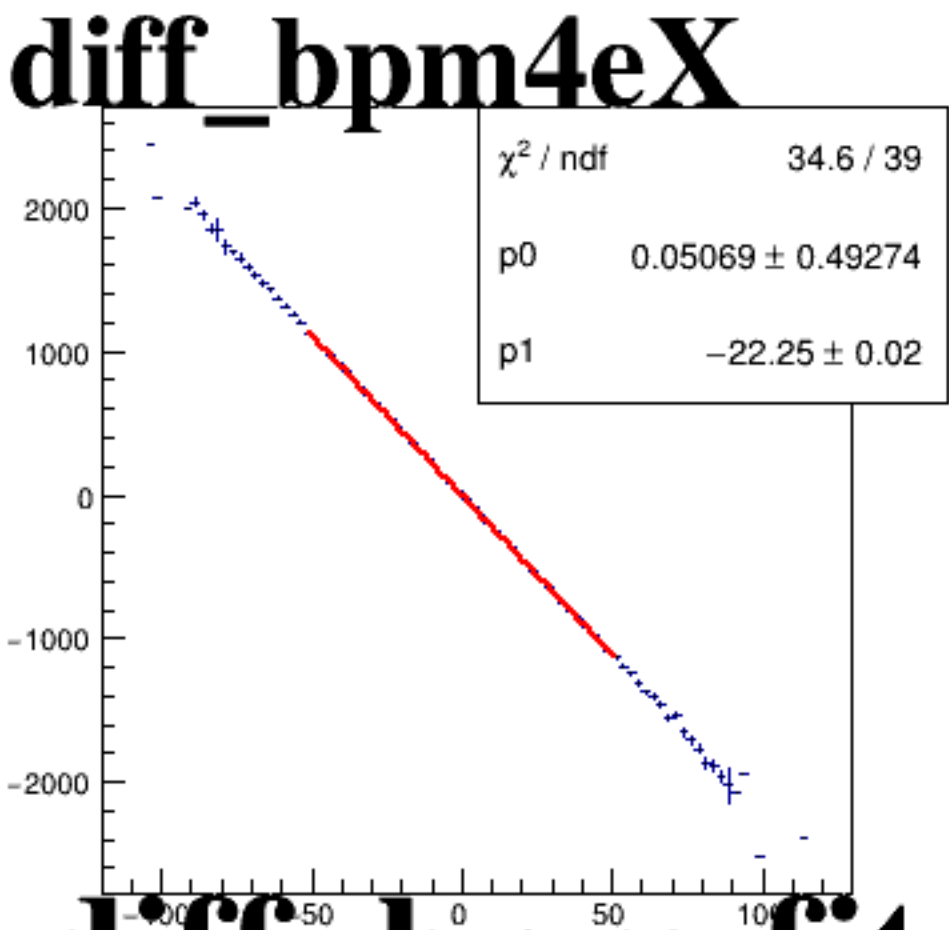
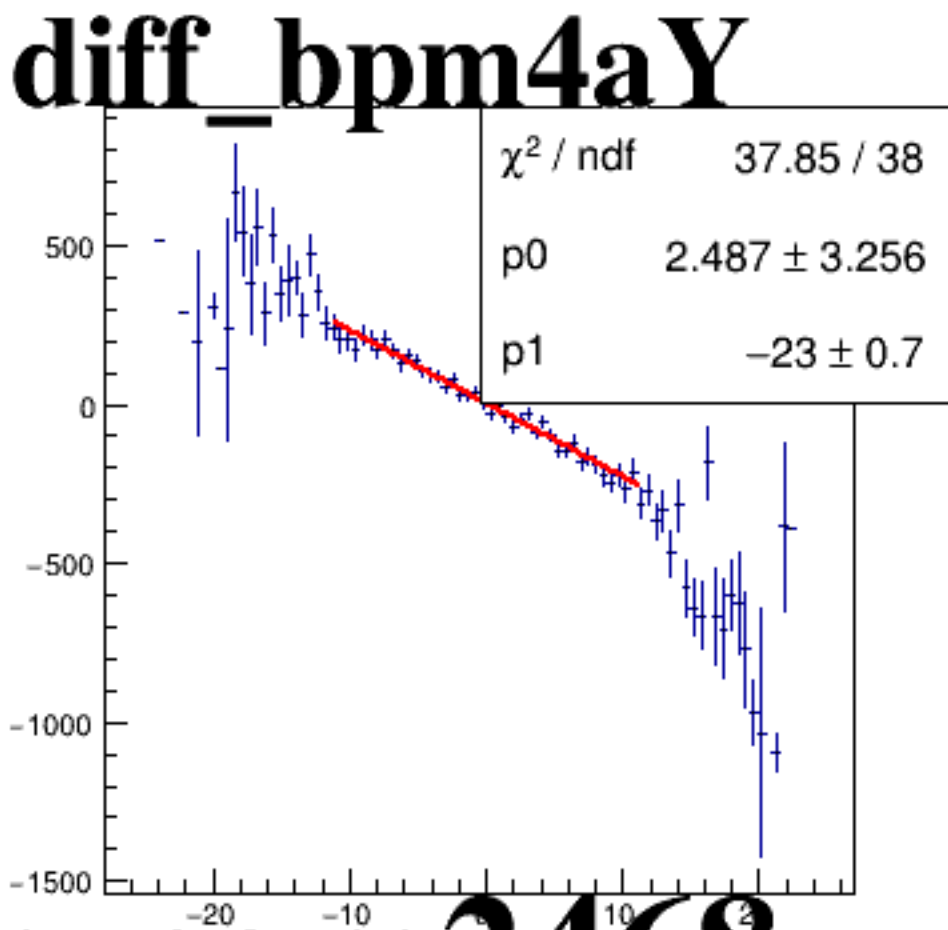
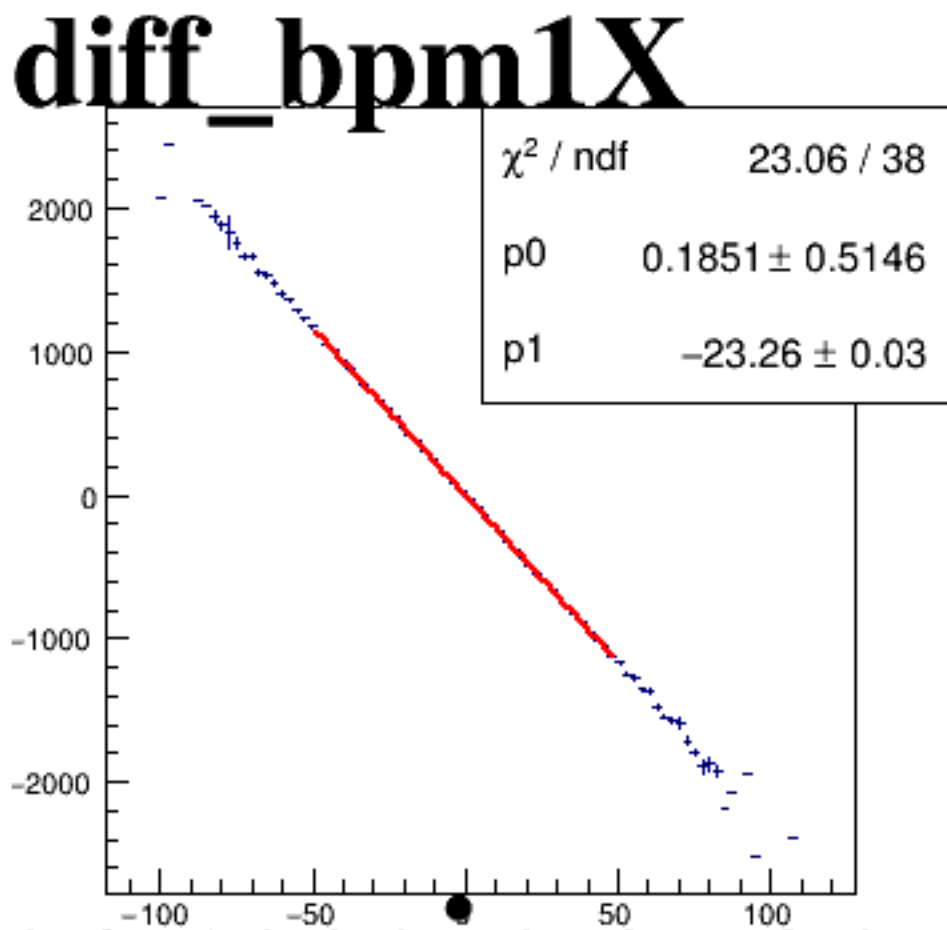
asym_sam4



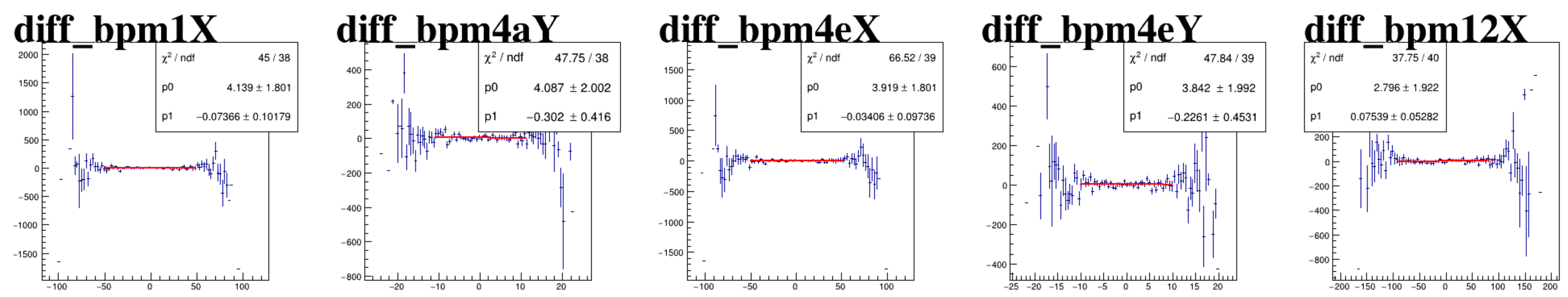
asym_sam6



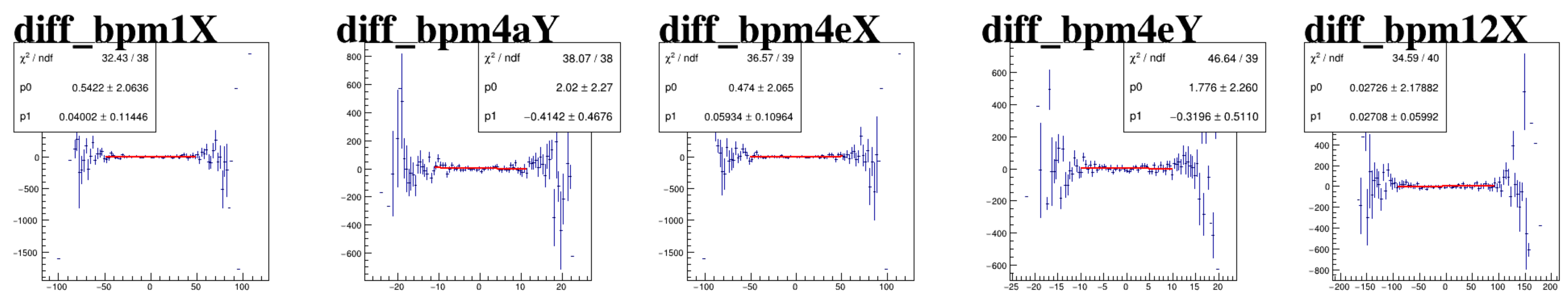
asym_sam8



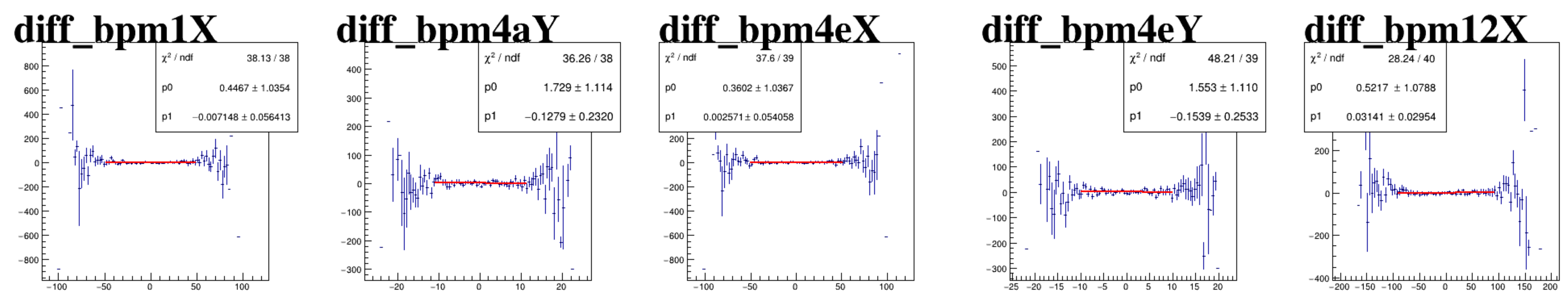
reg_asym_sam2



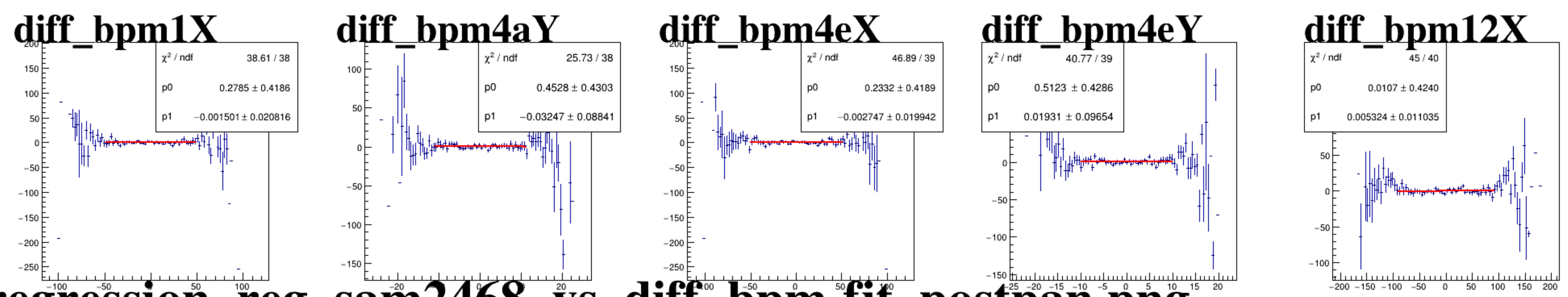
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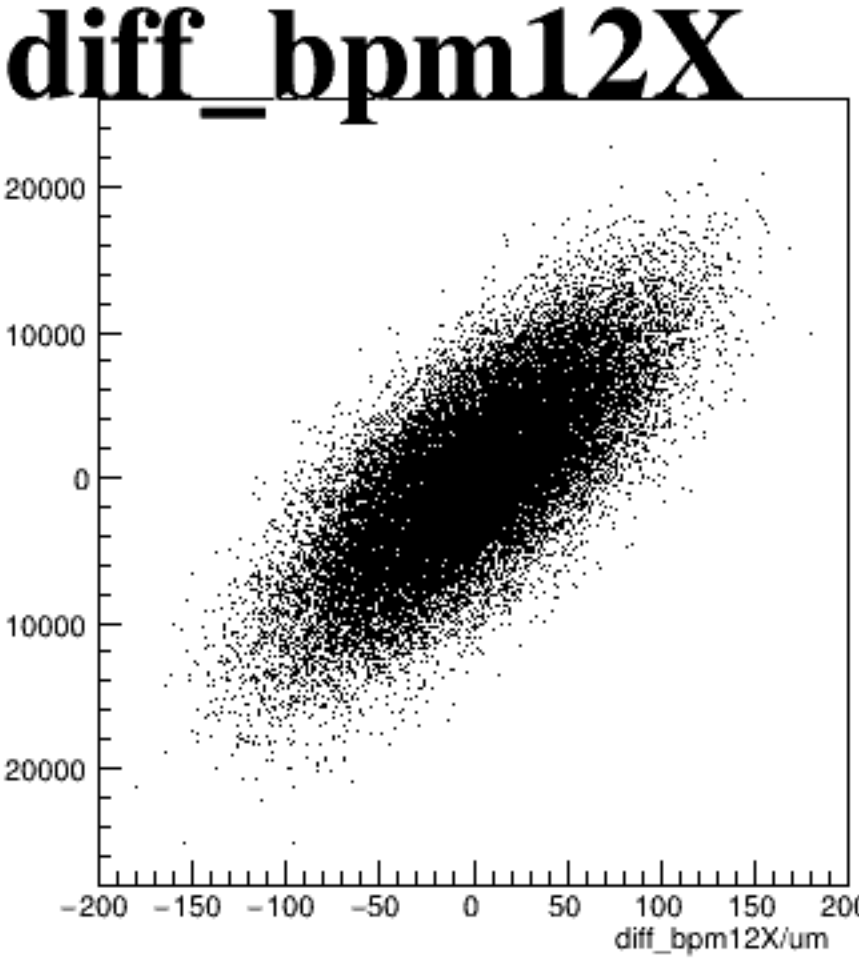
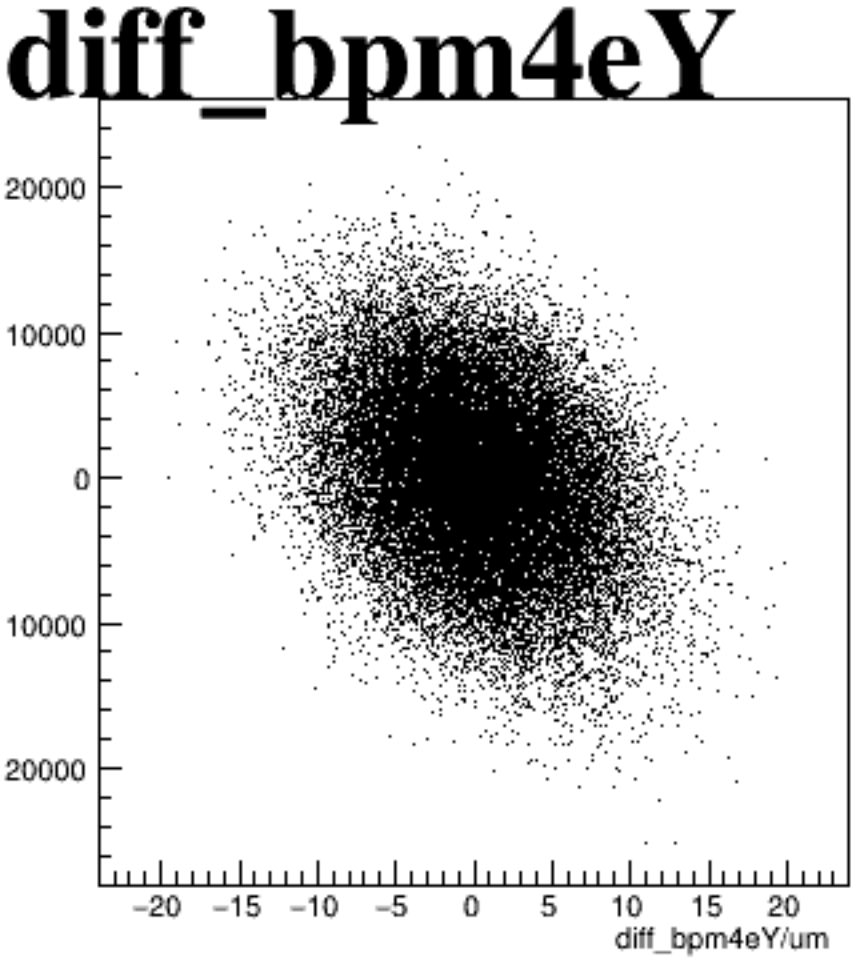
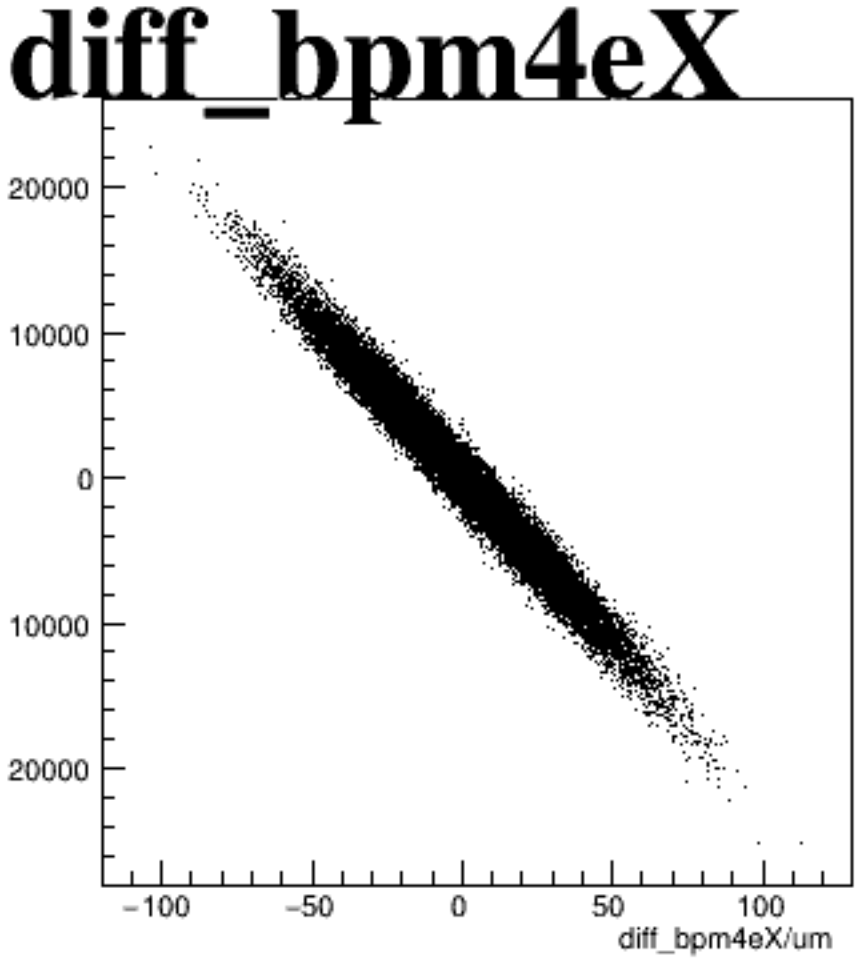
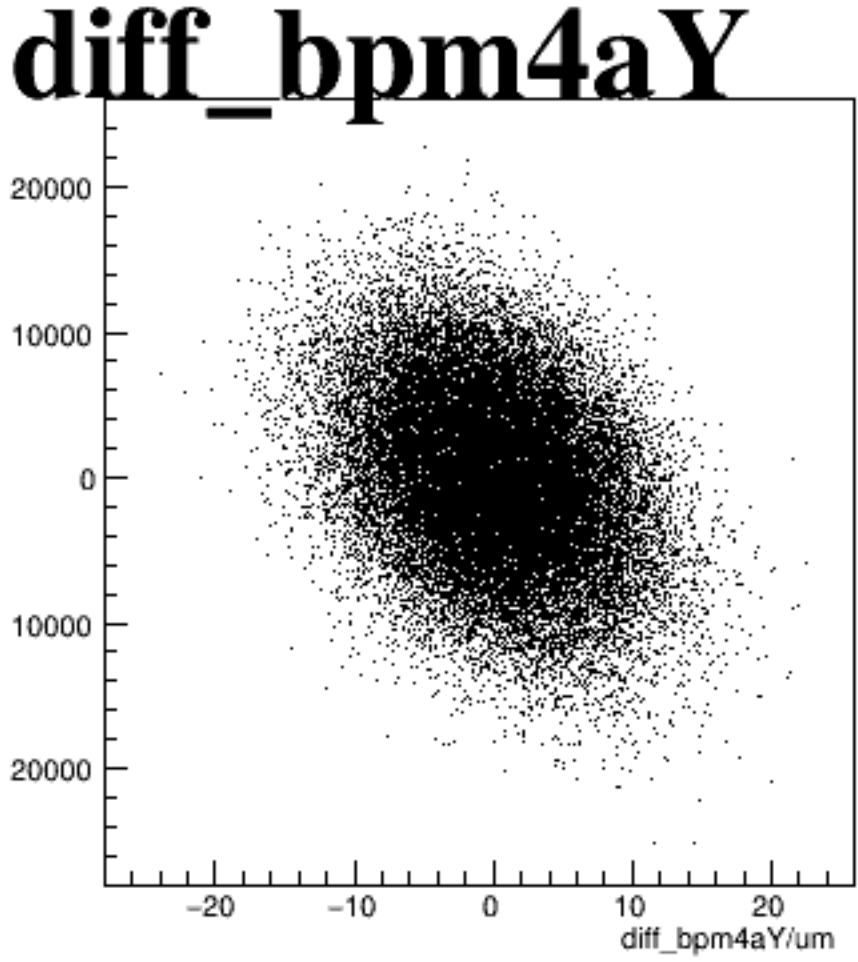
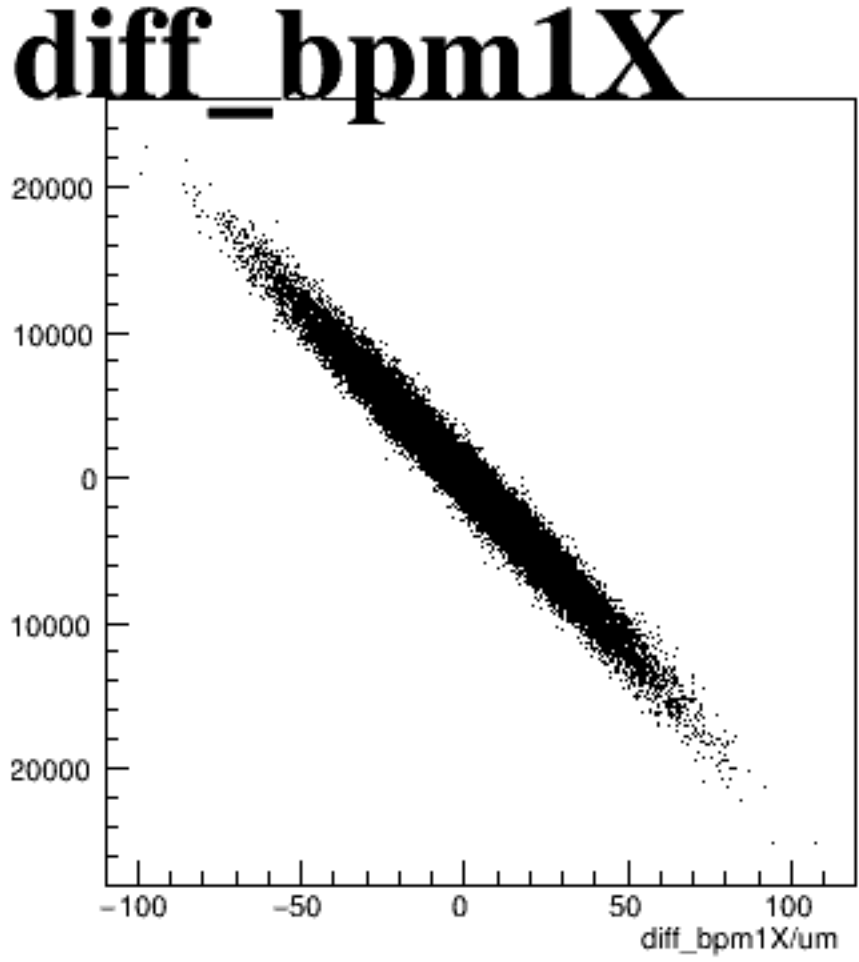
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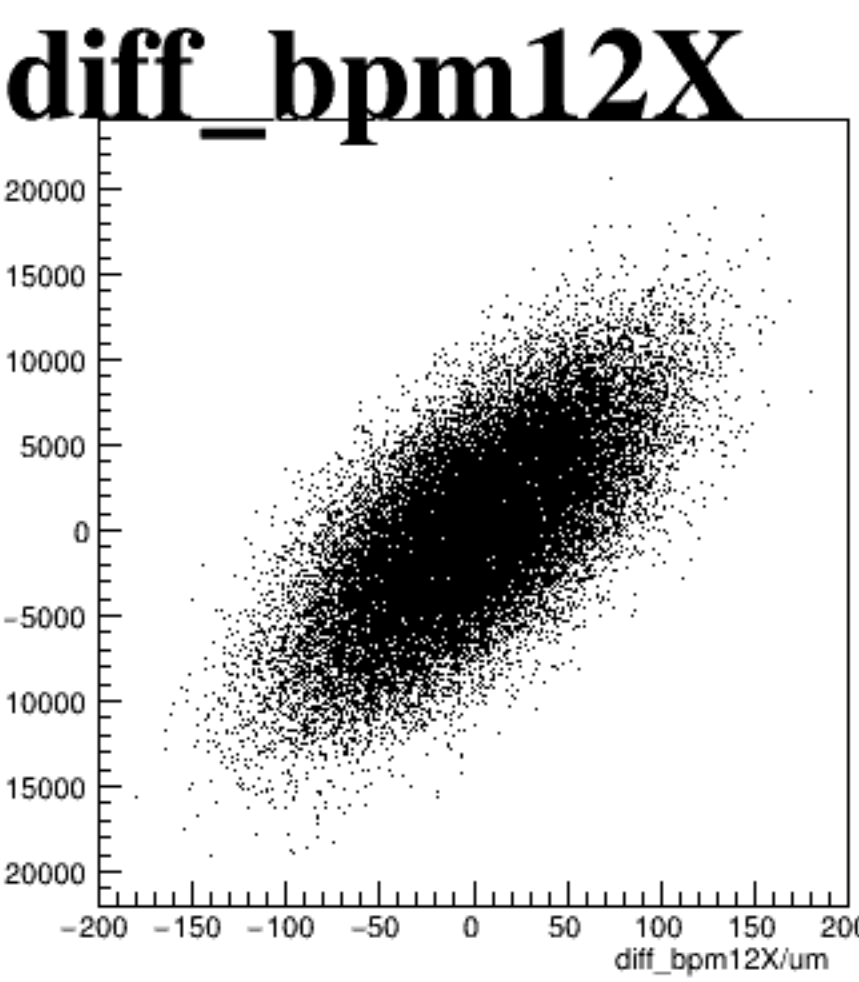
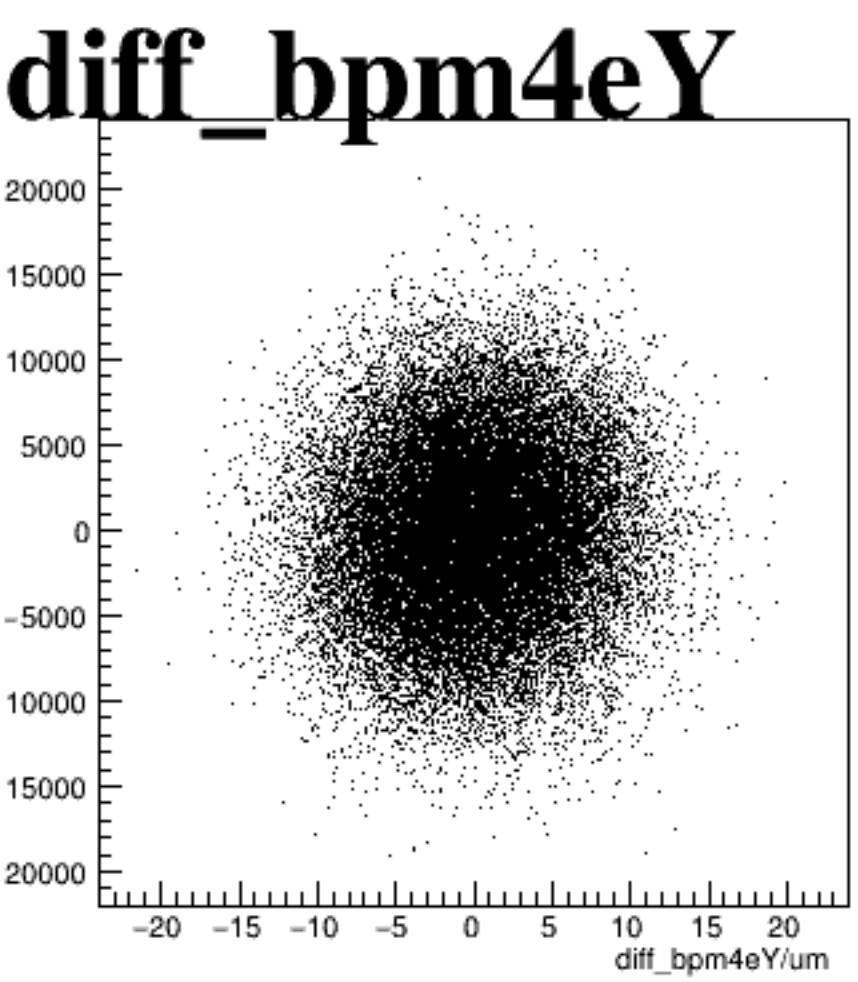
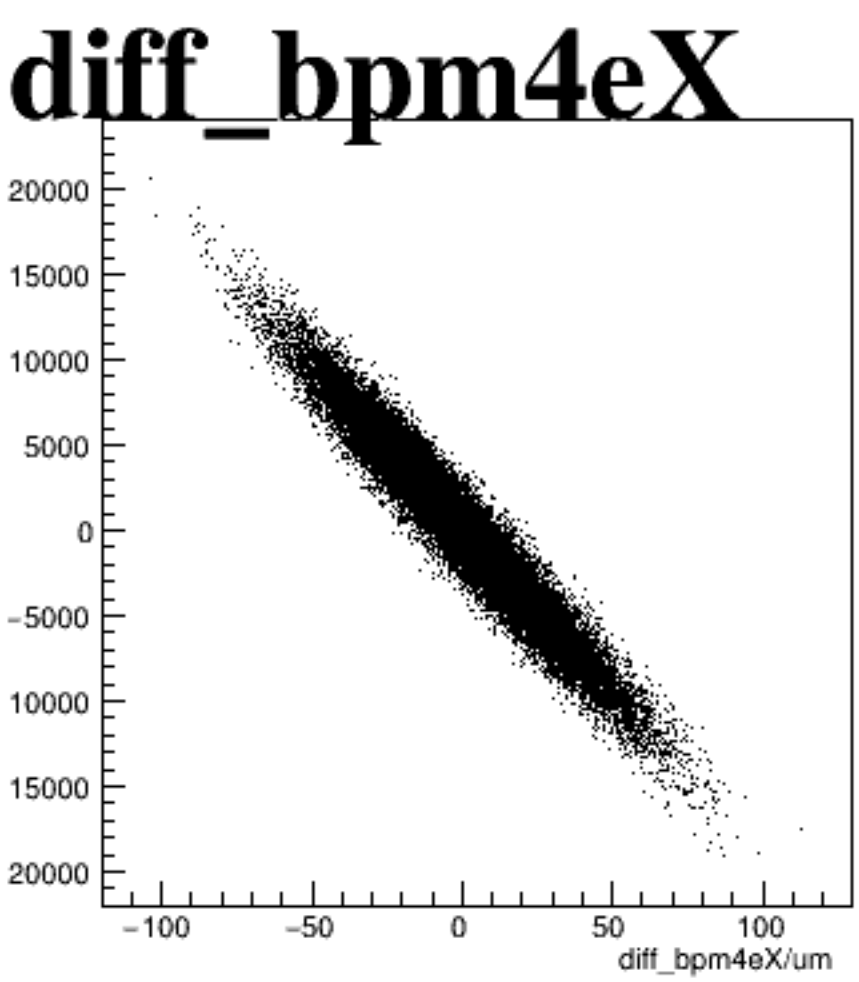
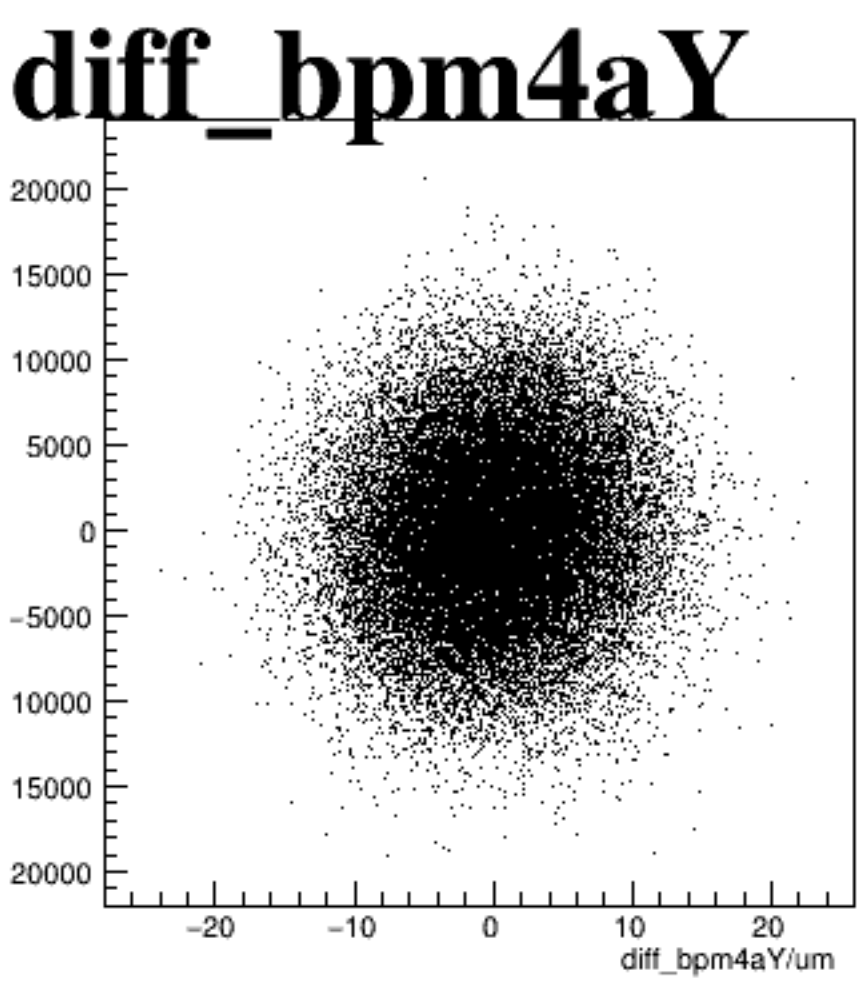
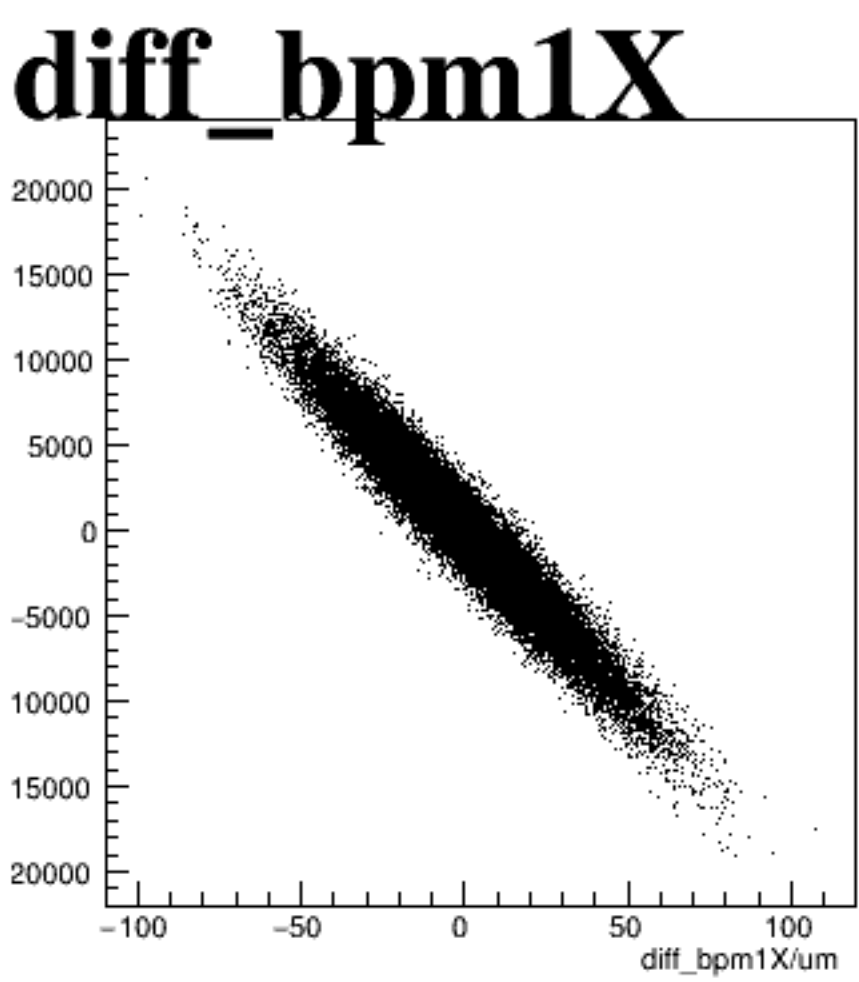
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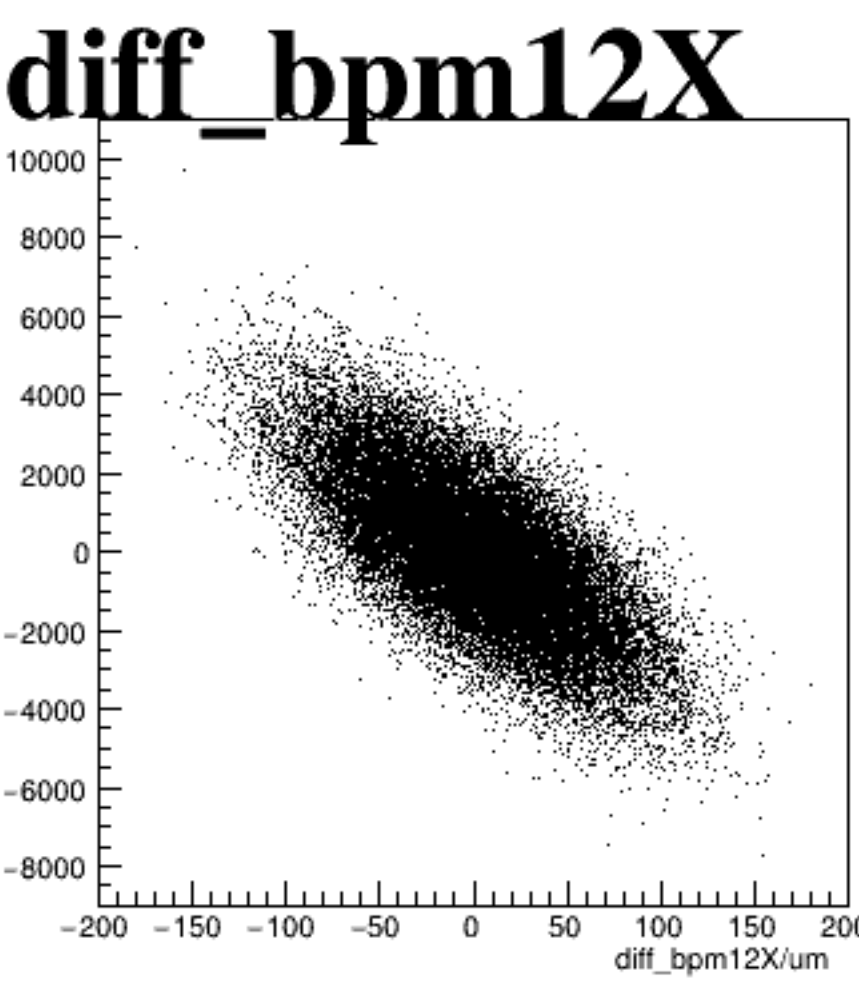
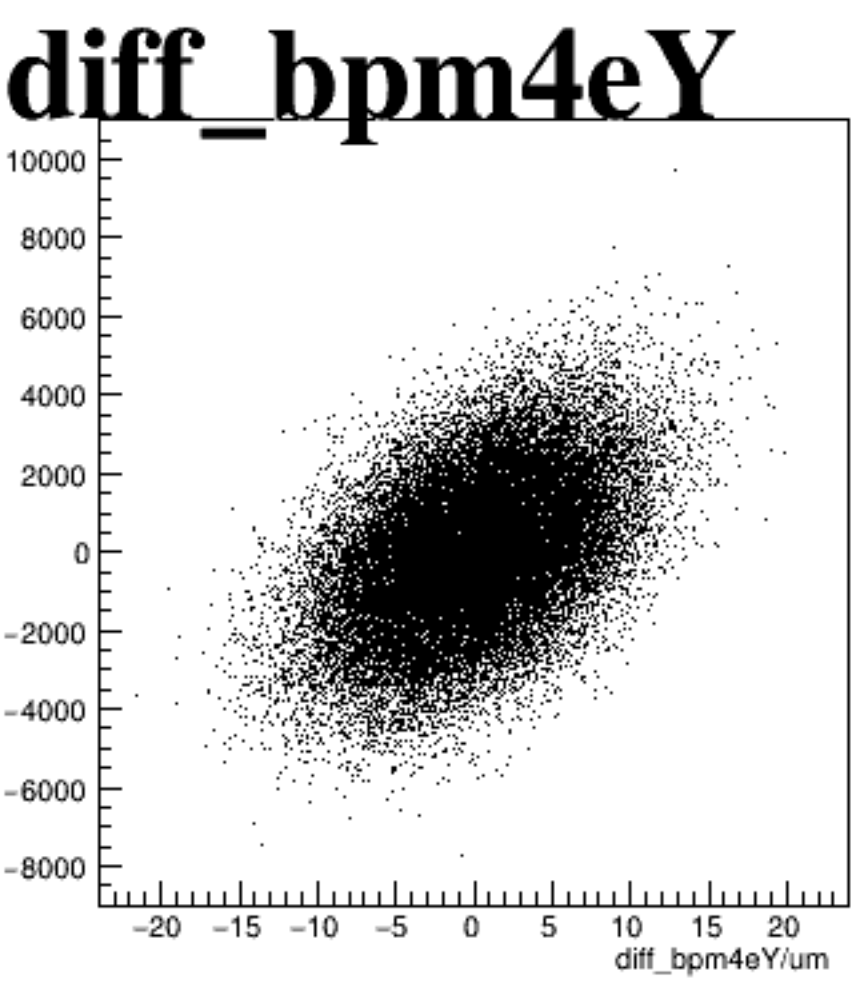
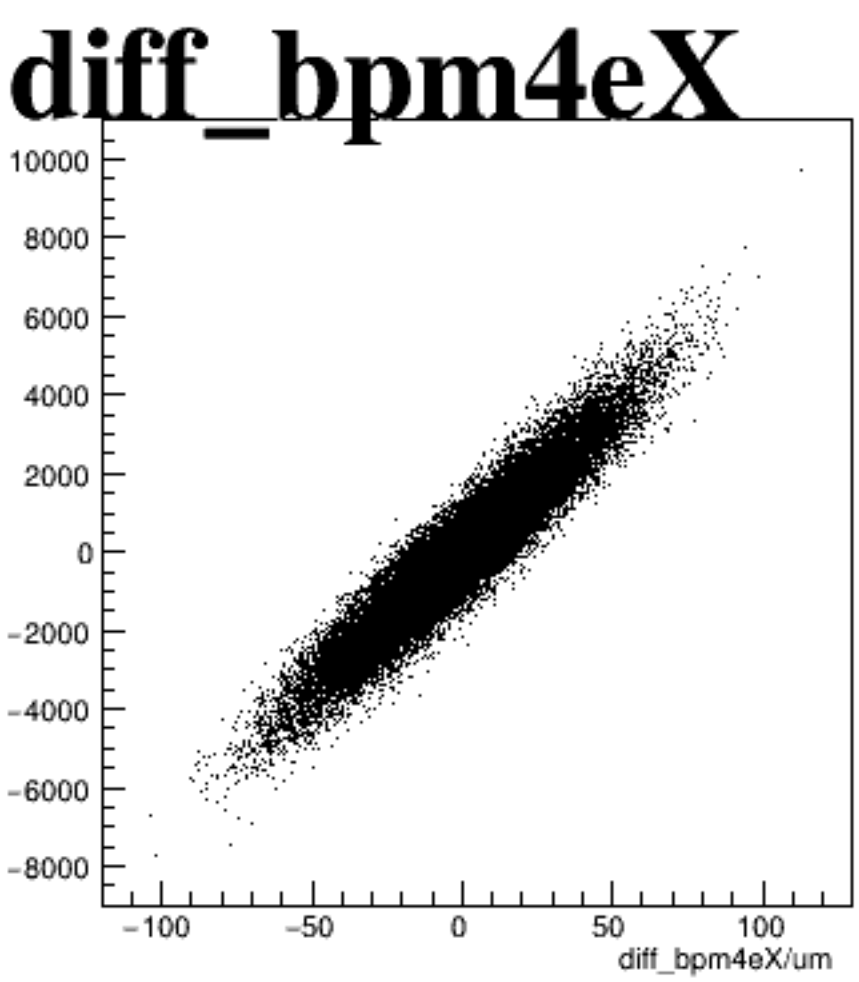
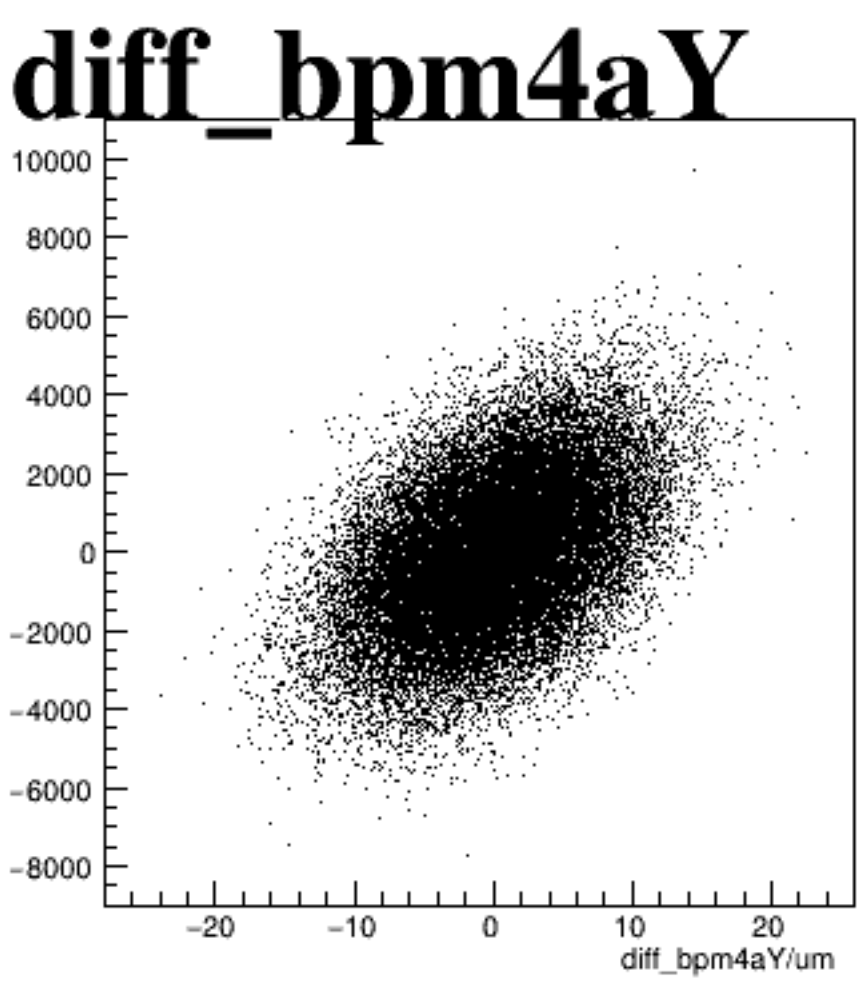
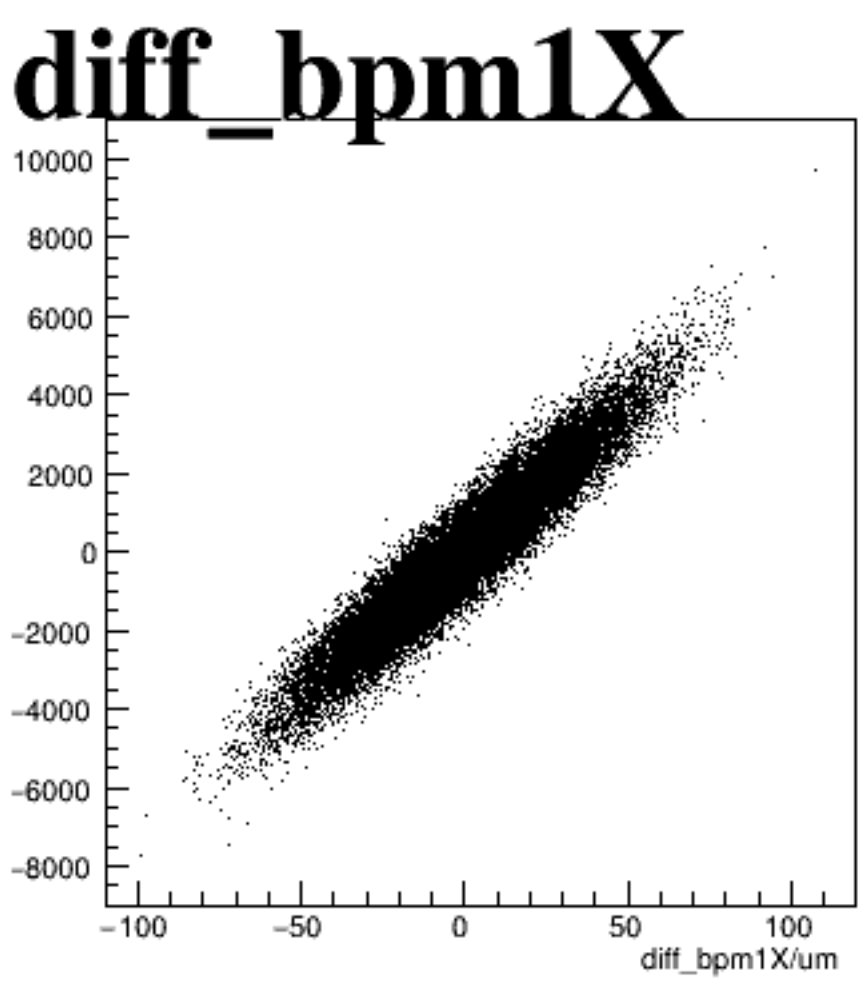
asym_sam2



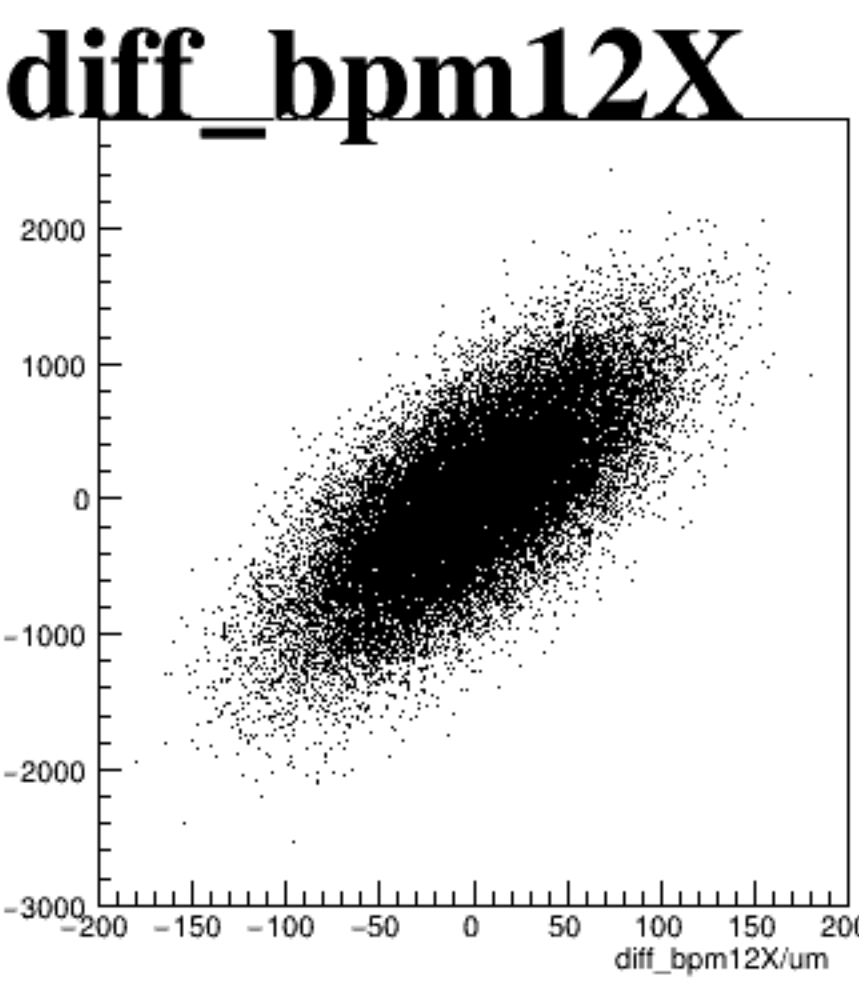
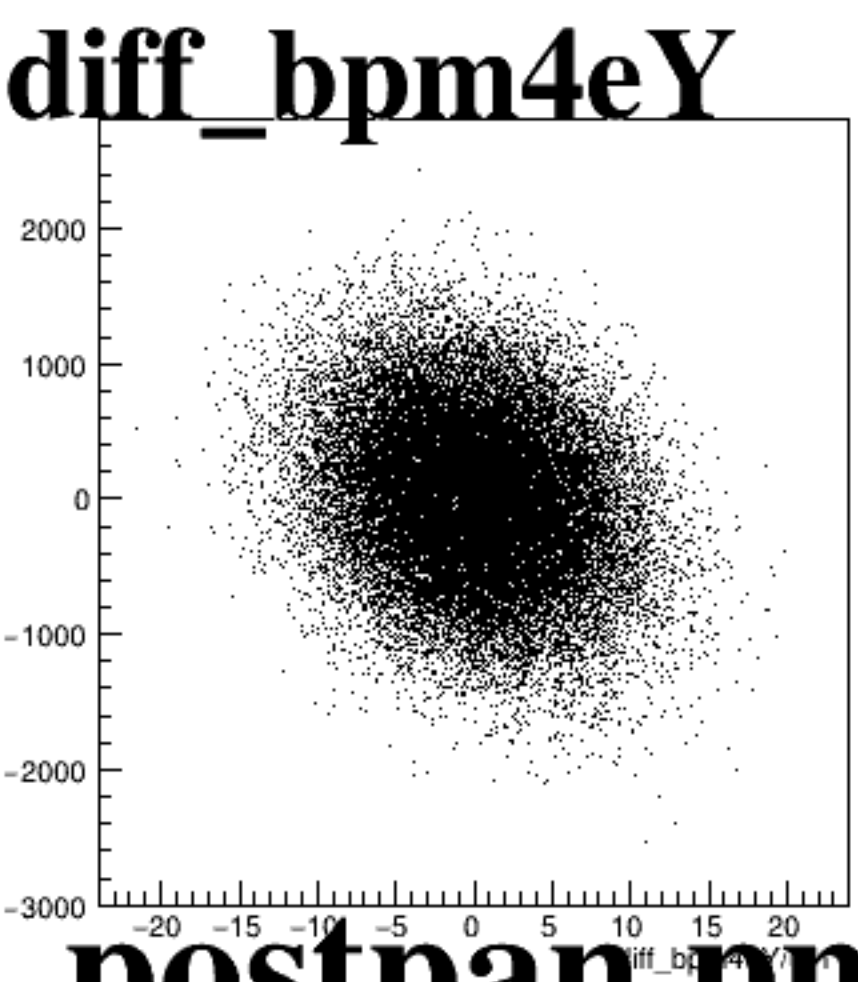
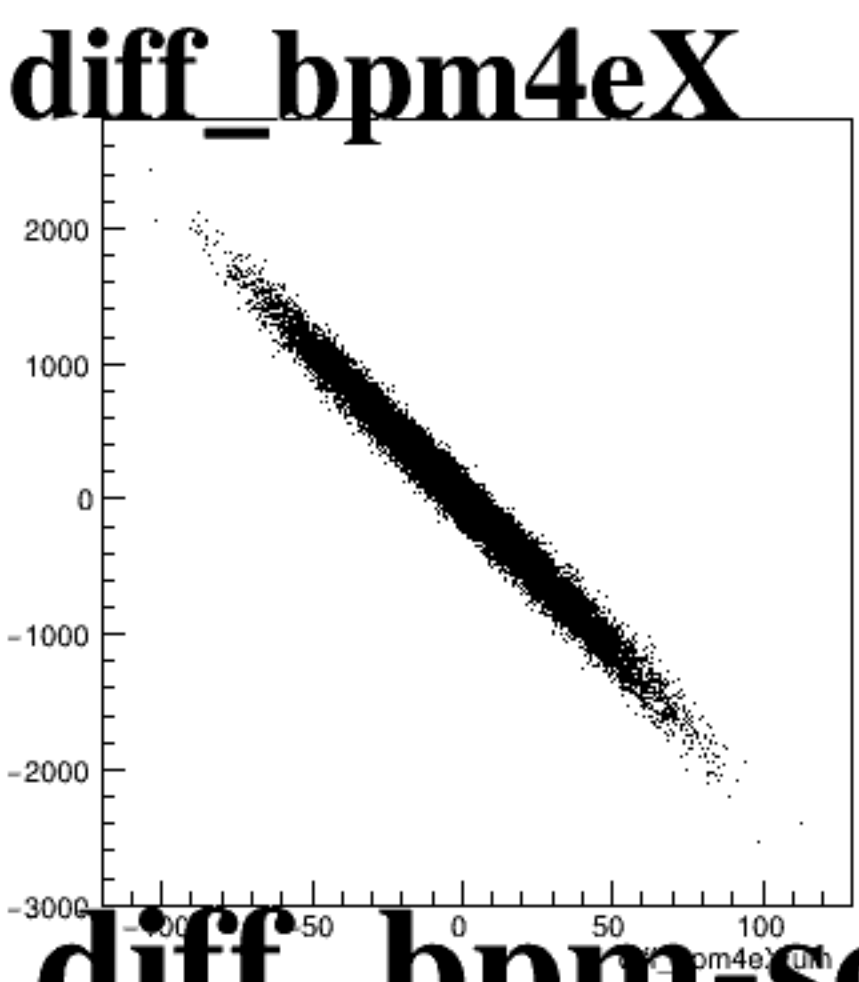
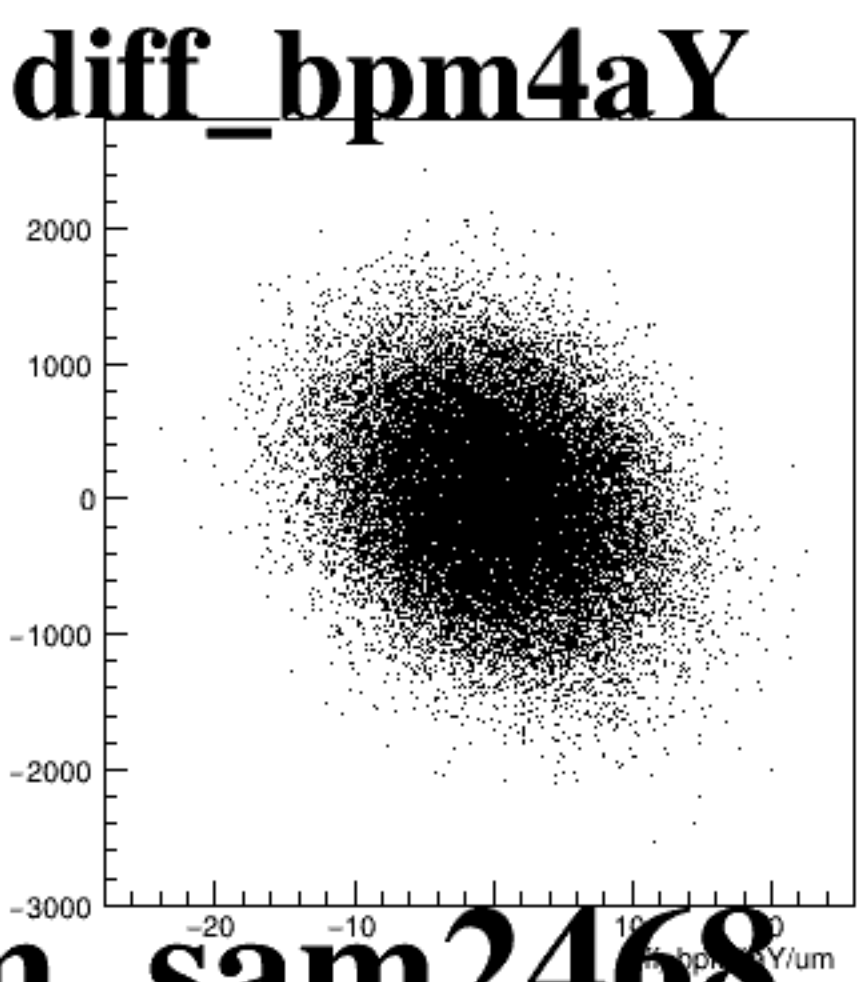
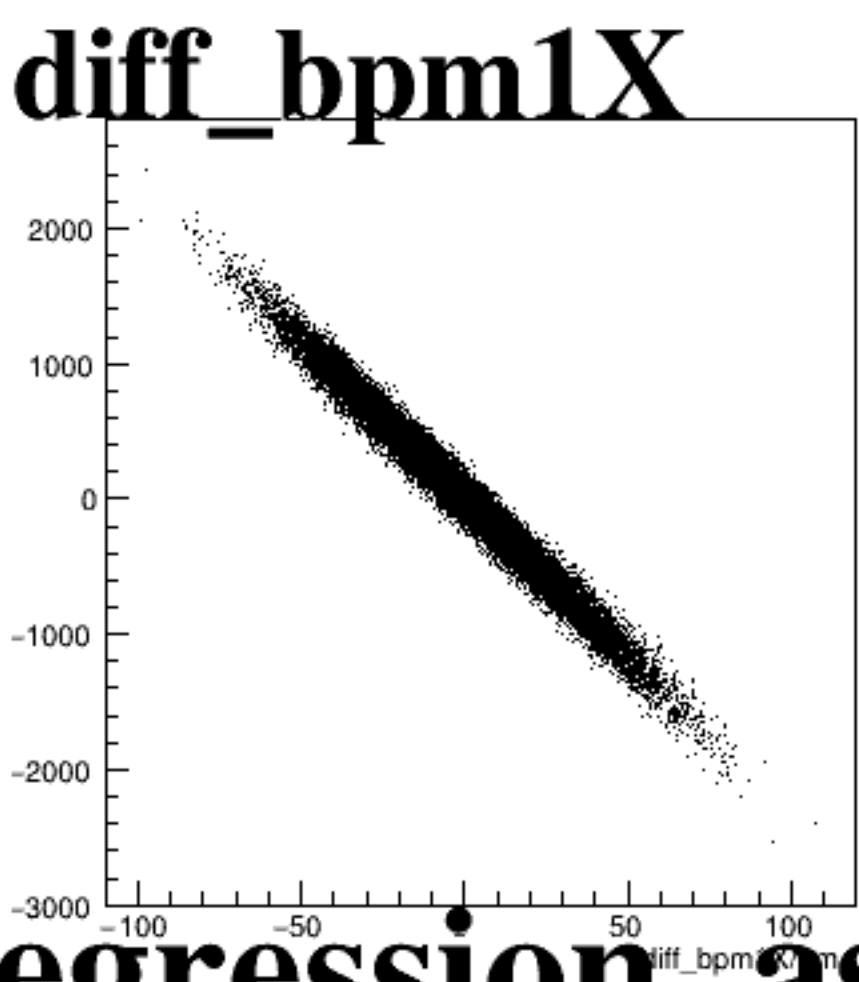
asym_sam4



asym_sam6



asym_sam8



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for different beam sizes. The plots are titled as follows:

- diff_bpm1X**: The x-axis is labeled $\text{diff_bpm1X}/\mu\text{m}$ and ranges from -100 to 100. The y-axis is labeled $\text{diff_bpm1X}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm4aY**: The x-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -20 to 20. The y-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm4eX**: The x-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -100 to 100. The y-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm4eY**: The x-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -20 to 20. The y-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm12X**: The x-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -200 to 200. The y-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -2000 to 2000.

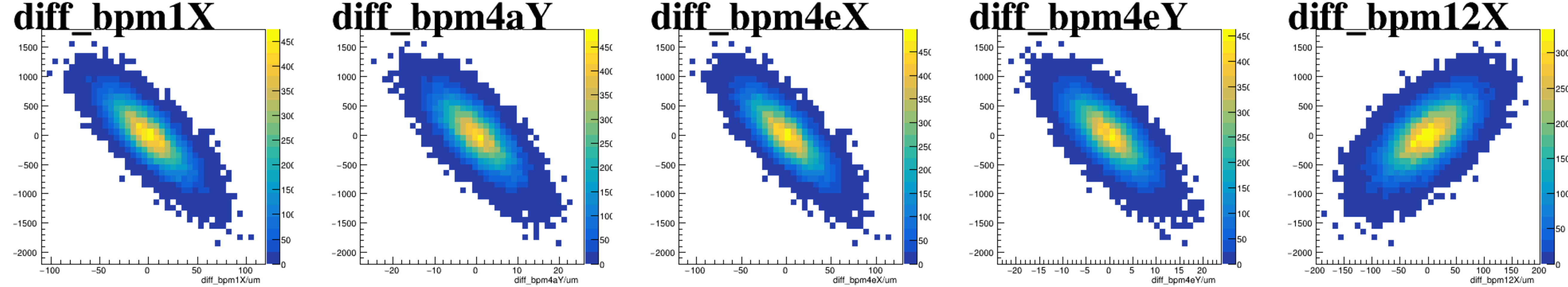
Each plot shows a dense cloud of points centered around the origin, representing the distribution of BPM differences for the specified beam size. The points are most concentrated in the center and become sparser as they move away from the origin.

The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam position (bpm1X, bpm4aY, bpm4eX, bpm4eY, bpm12X) in micrometers (um). The plots show a dense cloud of points centered around zero, indicating high precision and stability.

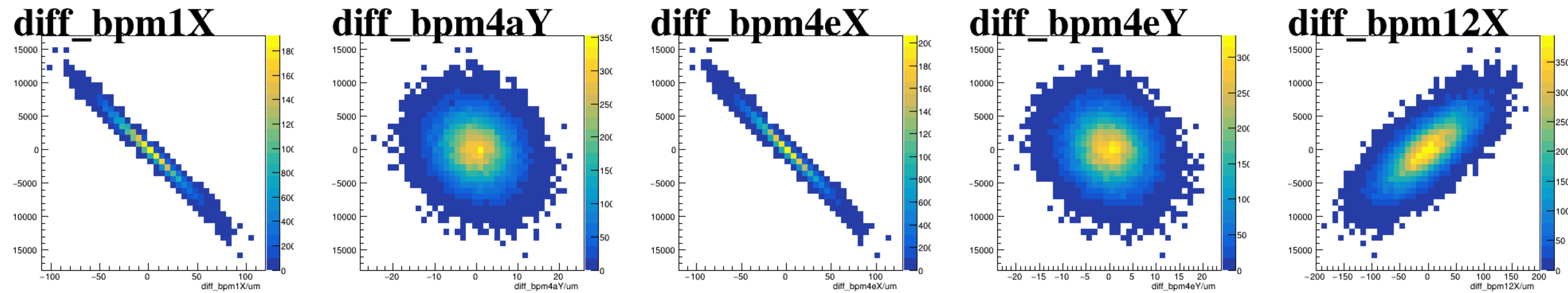
- diff_bpm1X**: The x-axis ranges from -100 to 100 um, and the y-axis ranges from -1000 to 1000 um.
- diff_bpm4aY**: The x-axis ranges from -20 to 20 um, and the y-axis ranges from -1000 to 1000 um.
- diff_bpm4eX**: The x-axis ranges from -100 to 100 um, and the y-axis ranges from -1000 to 1000 um.
- diff_bpm4eY**: The x-axis ranges from -20 to 20 um, and the y-axis ranges from -1000 to 1000 um.
- diff_bpm12X**: The x-axis ranges from -200 to 200 um, and the y-axis ranges from -1000 to 1000 um.

run7839_000_regression_reg_sam2468_vs_diff_bpm-scat_postpan.png

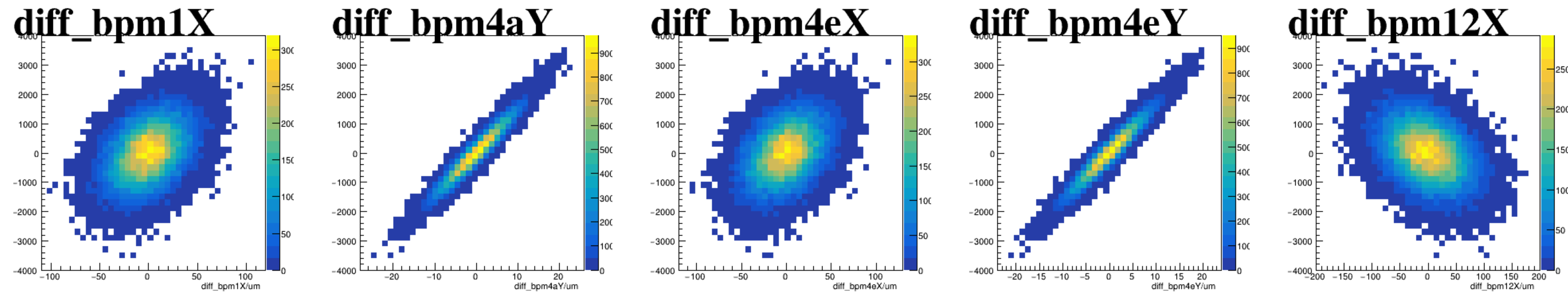
asym_sam1



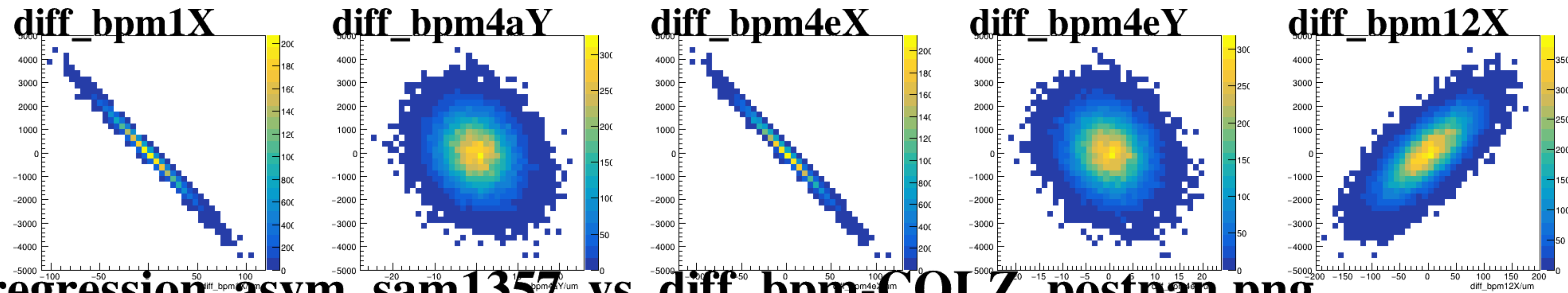
asym_sam3



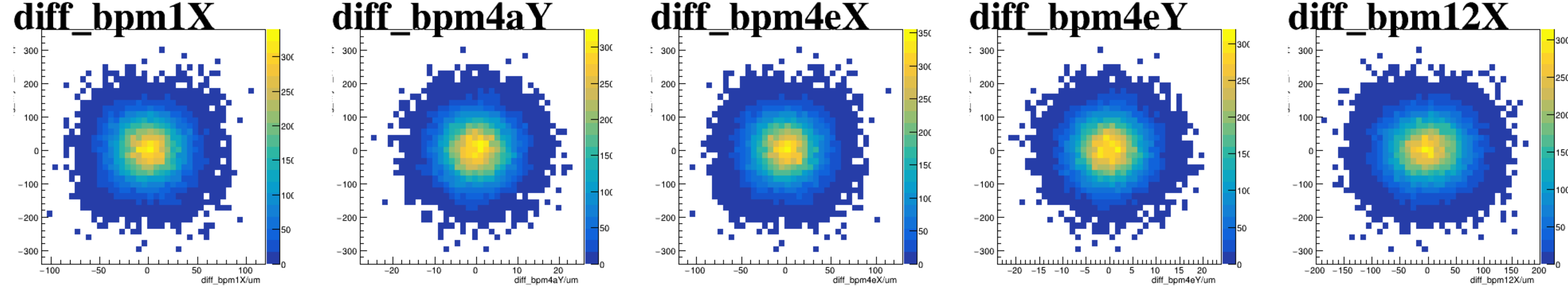
asym_sam5



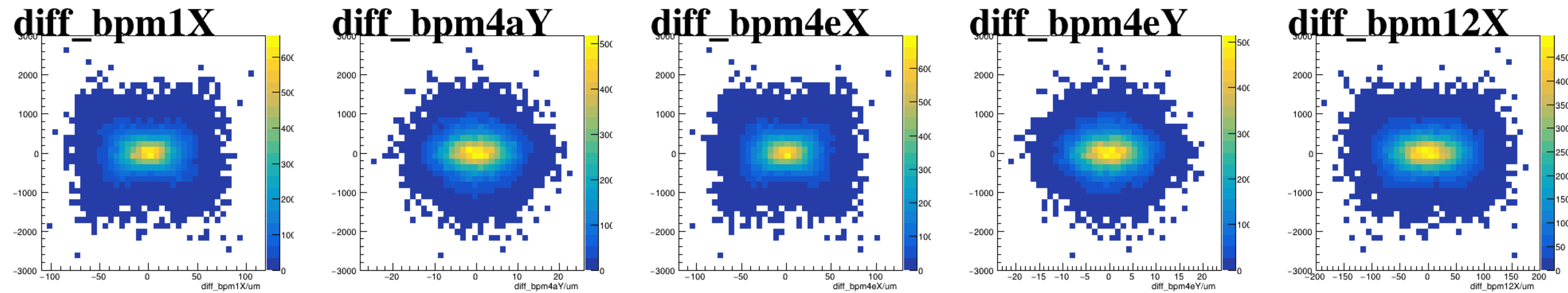
asym_sam7



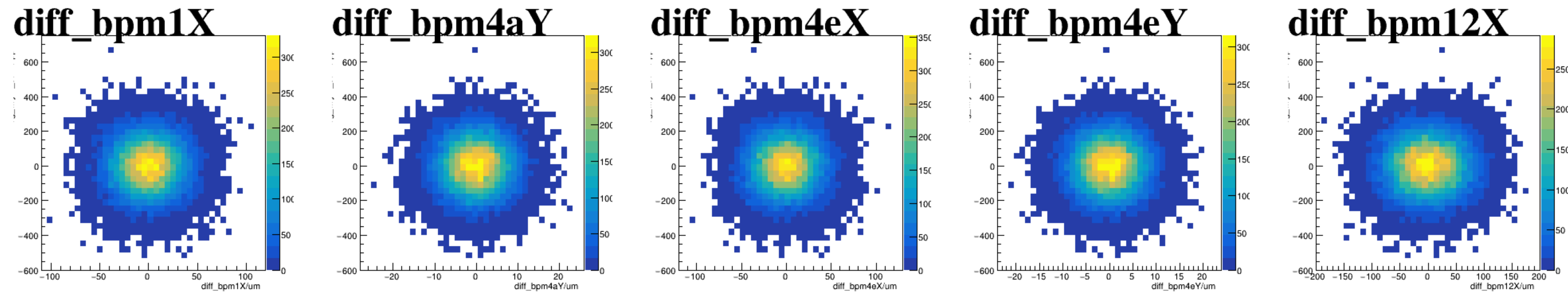
reg_asym_sam1



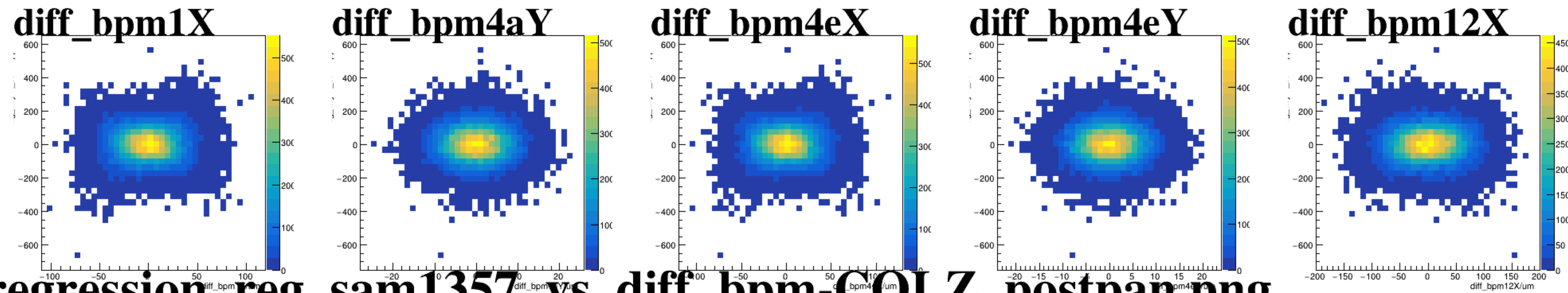
reg_asym_sam3



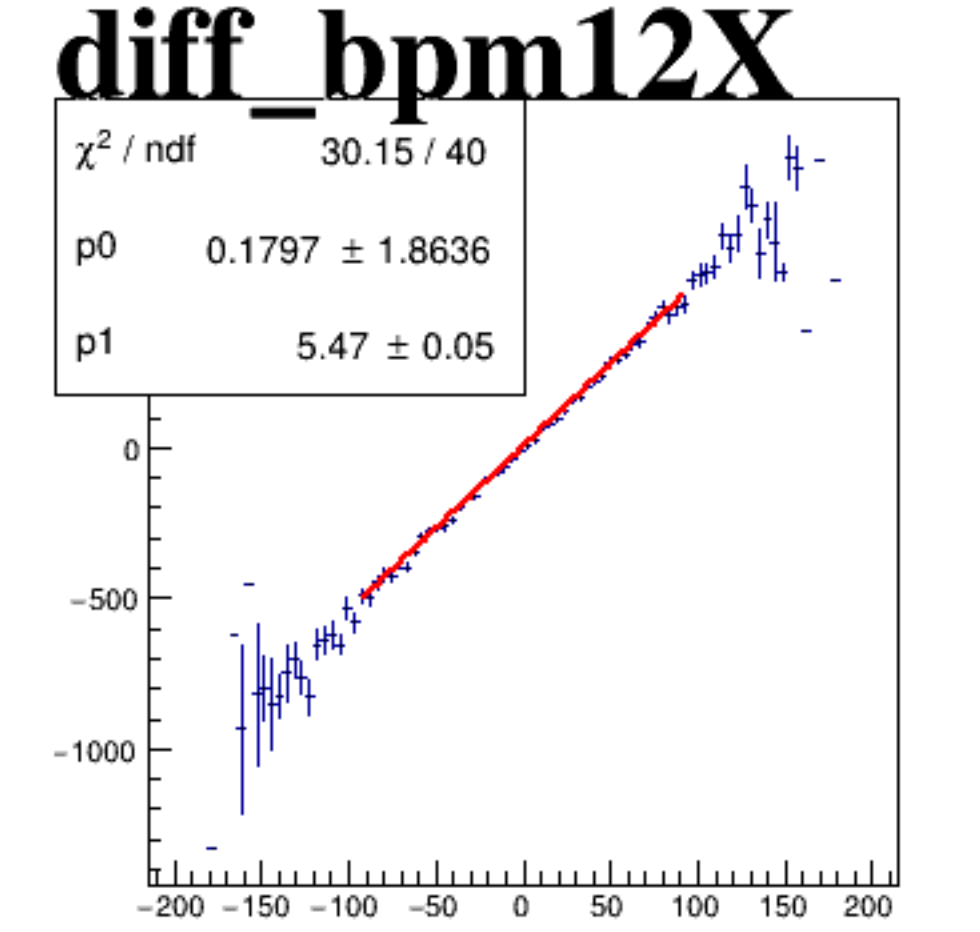
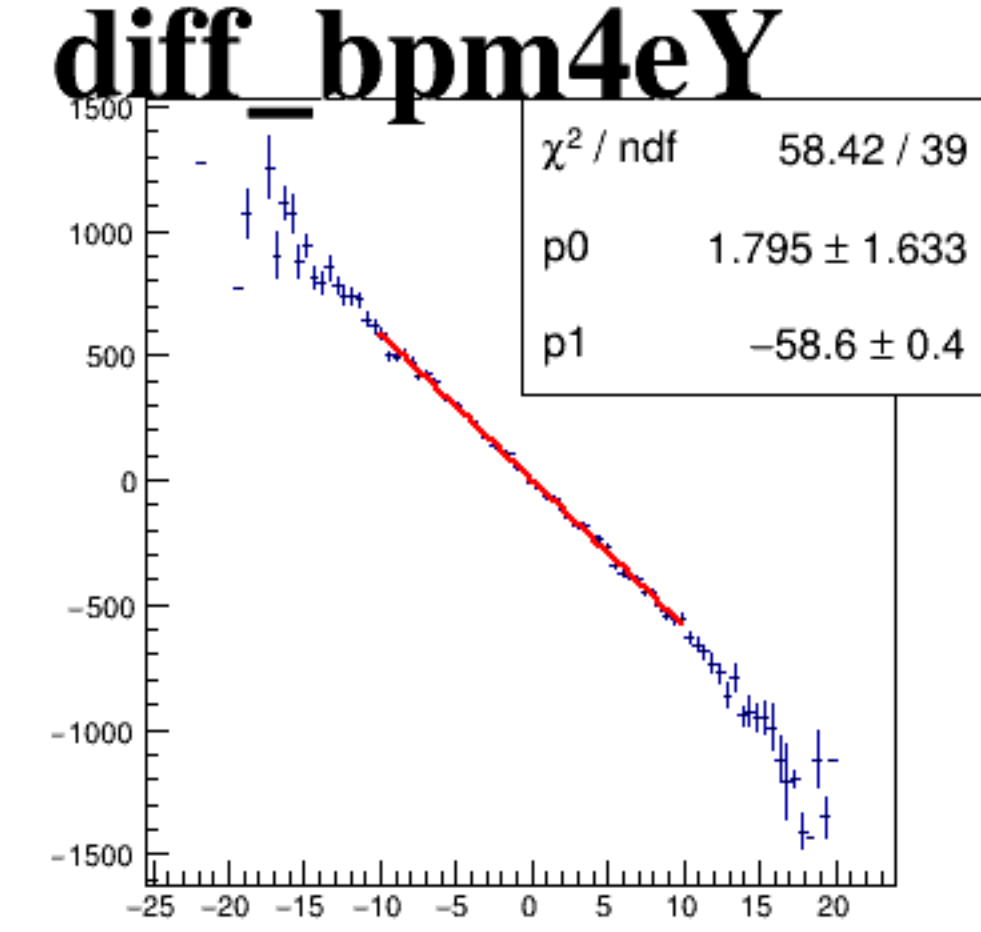
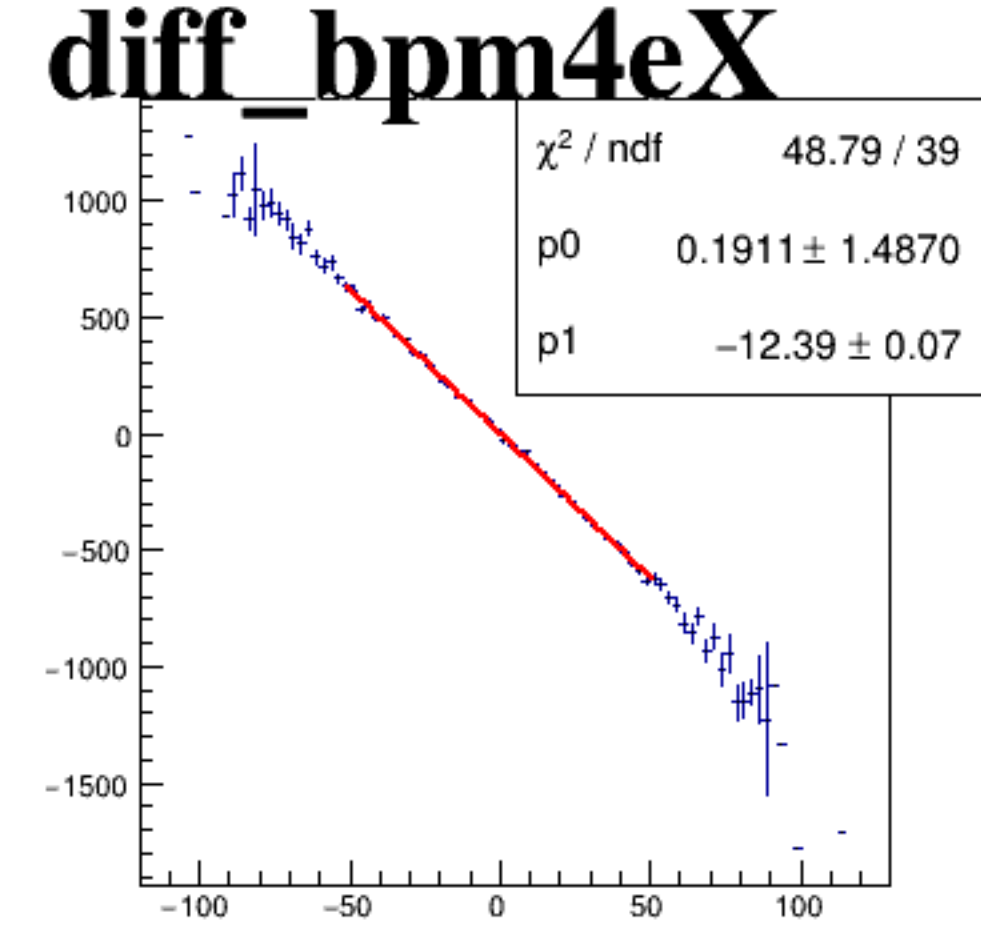
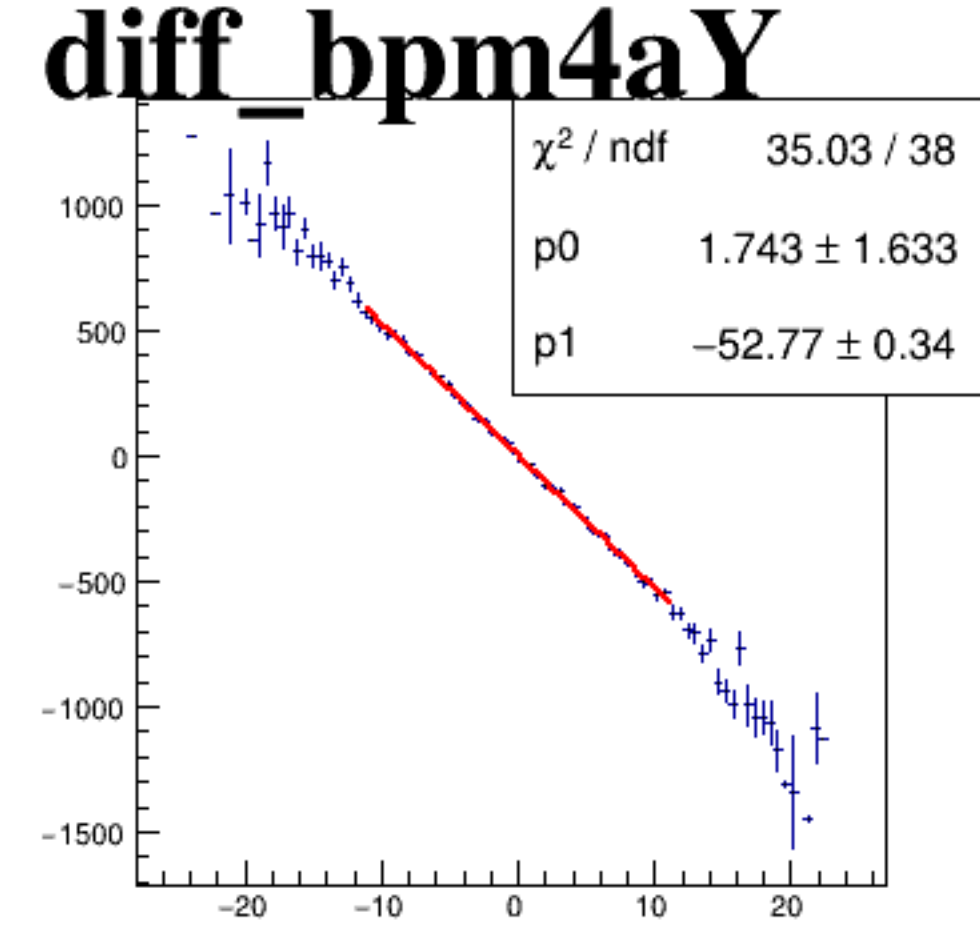
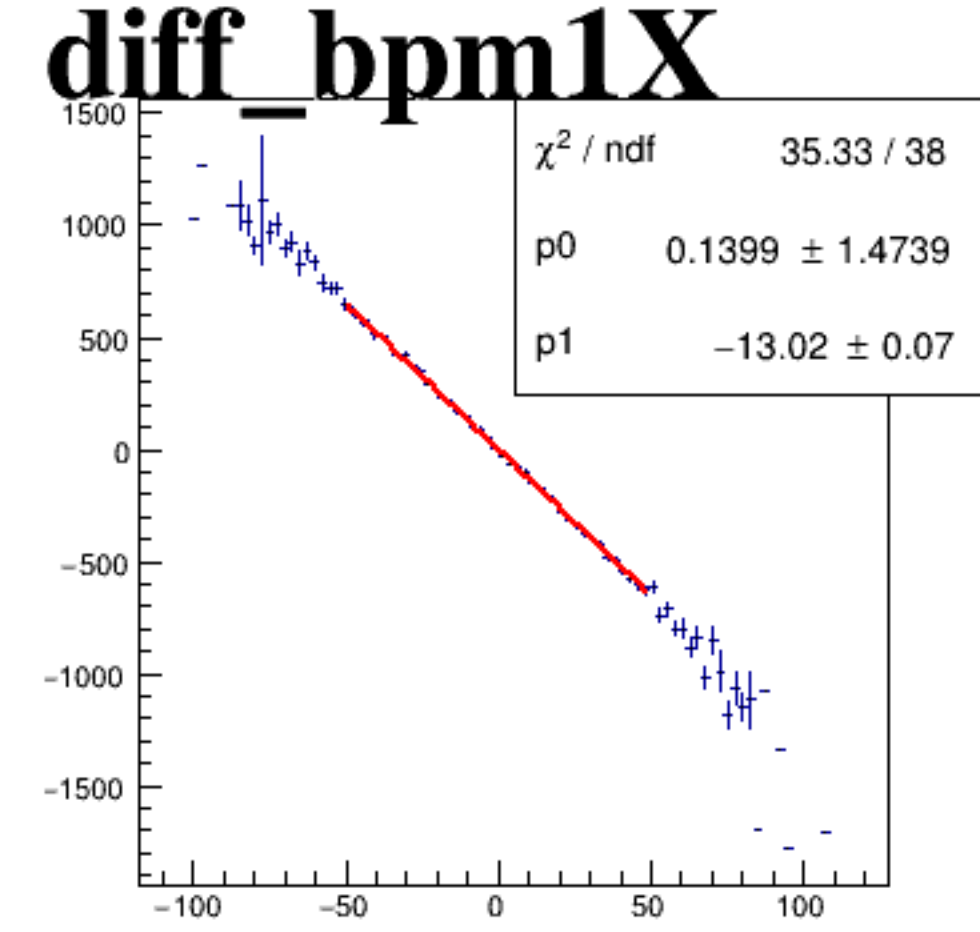
reg_asym_sam5



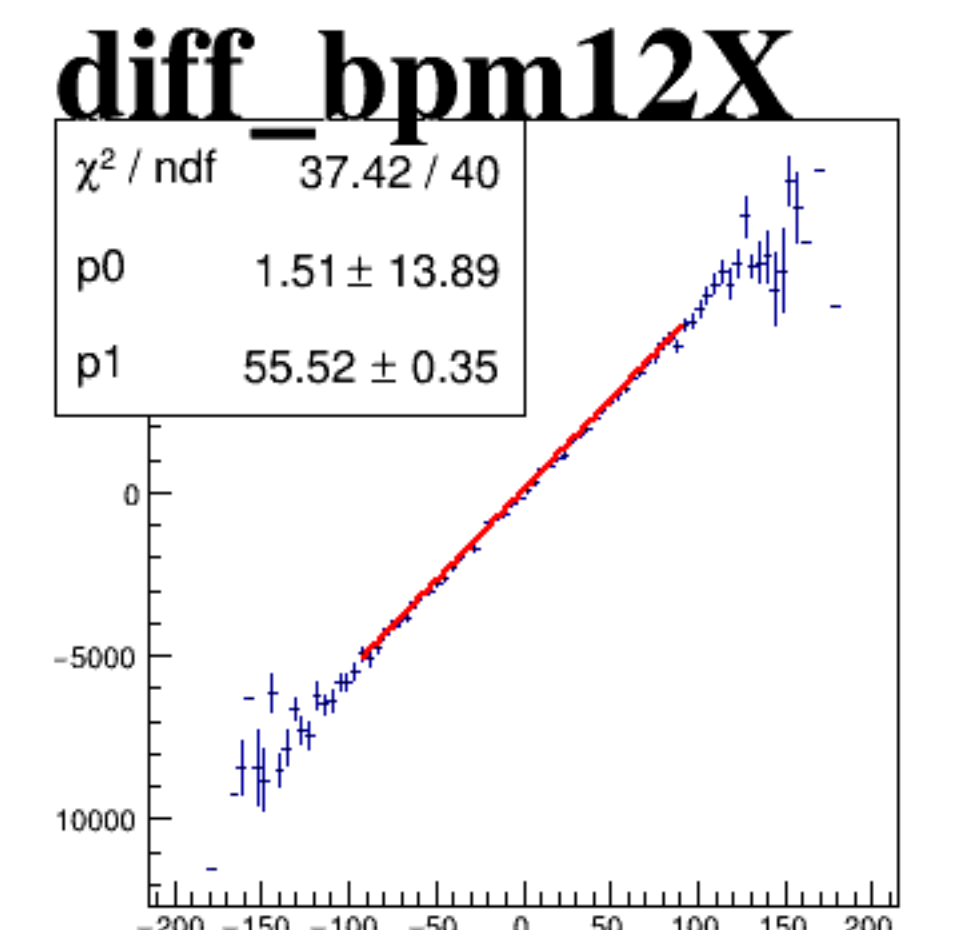
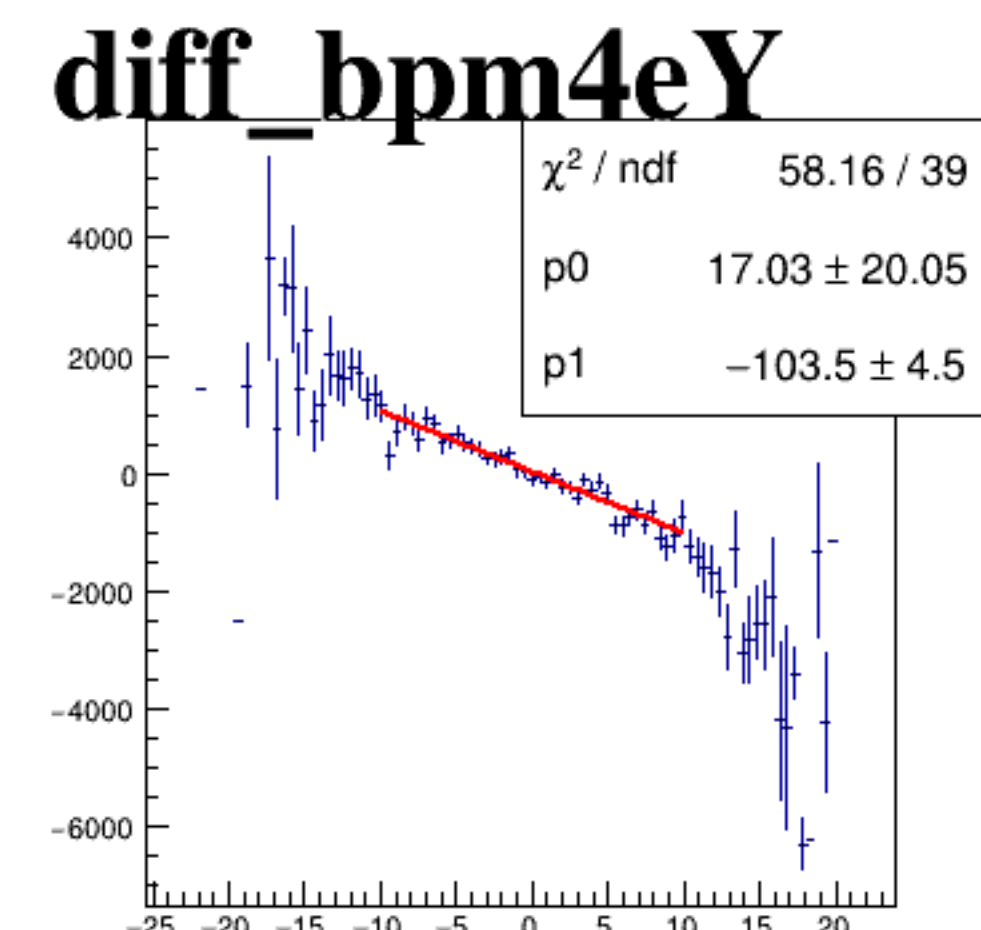
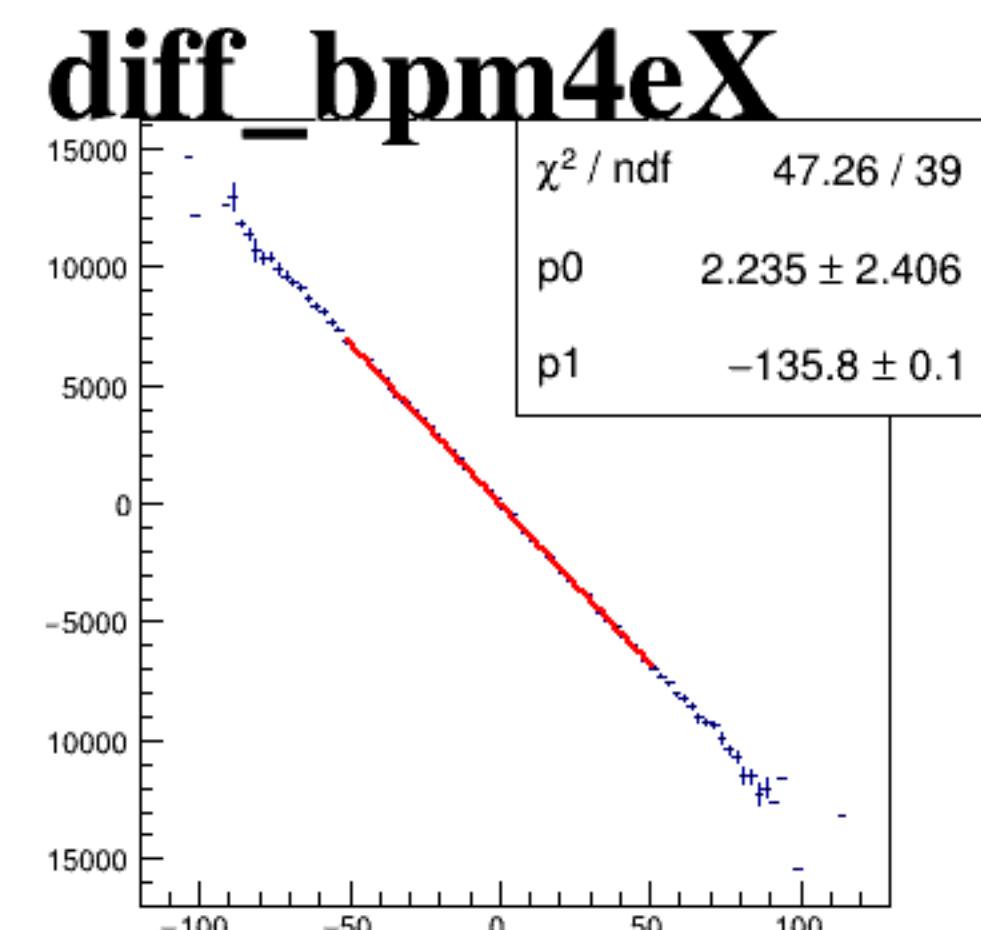
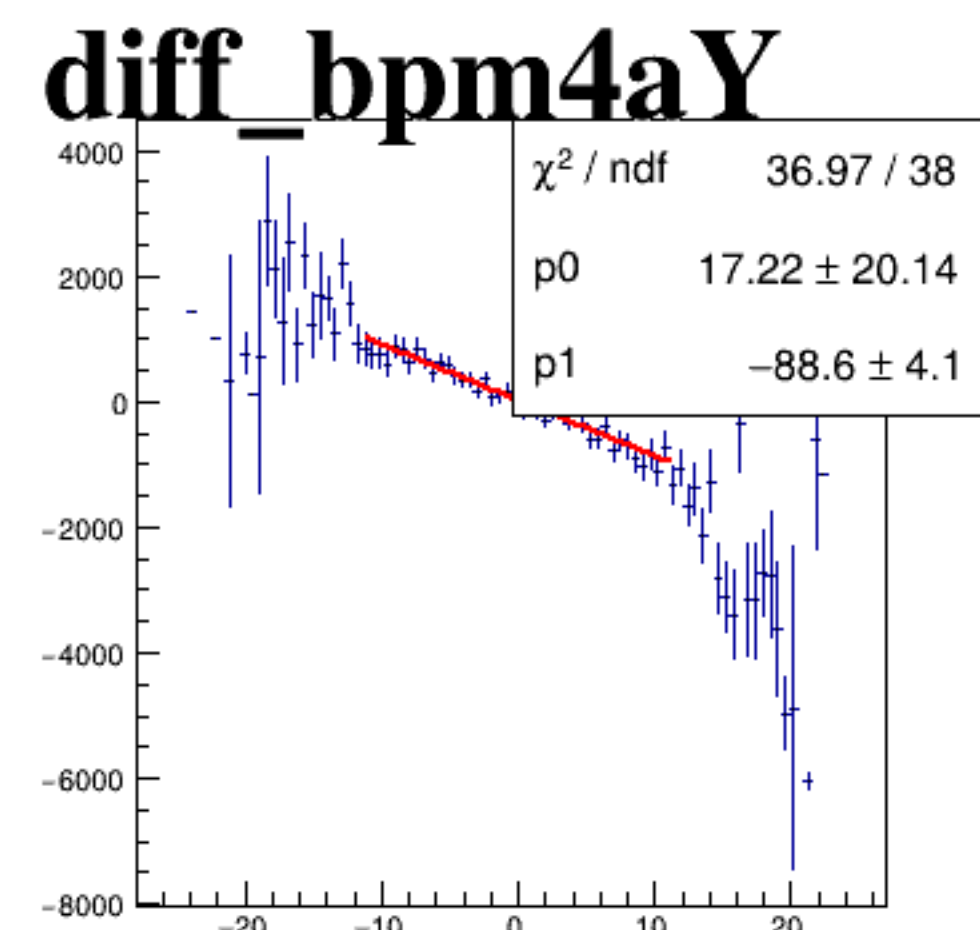
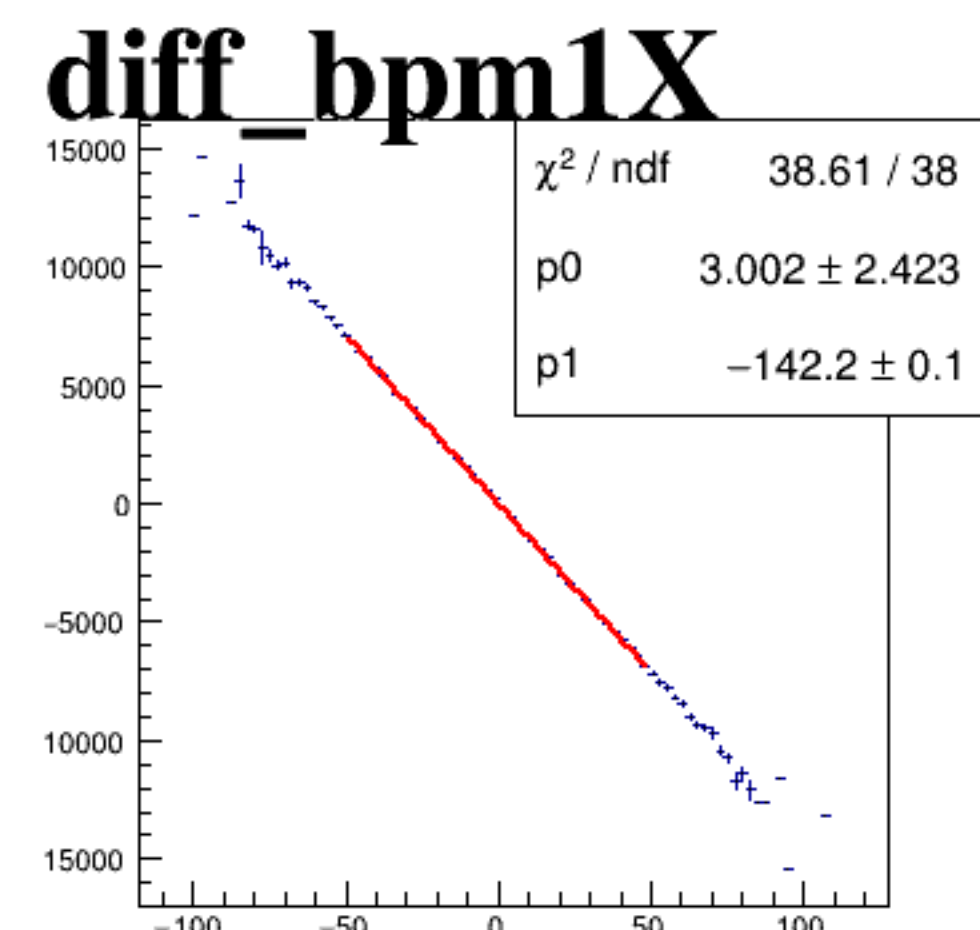
reg_asym_sam7



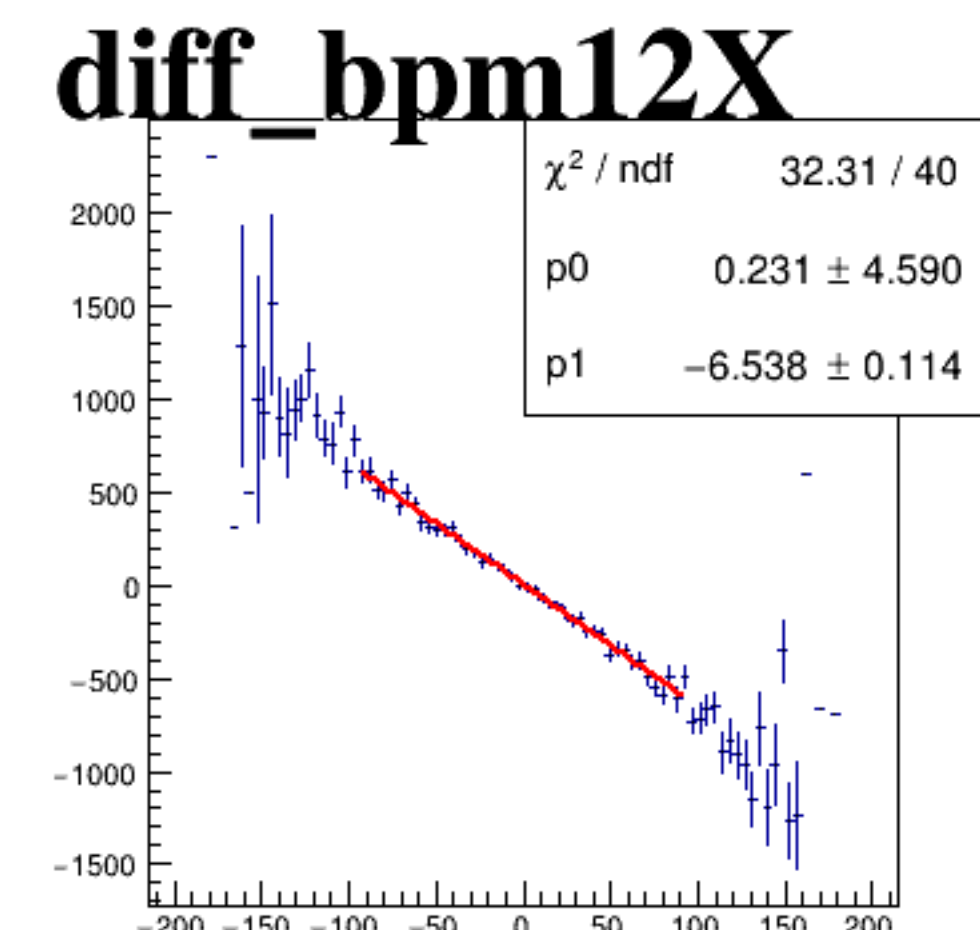
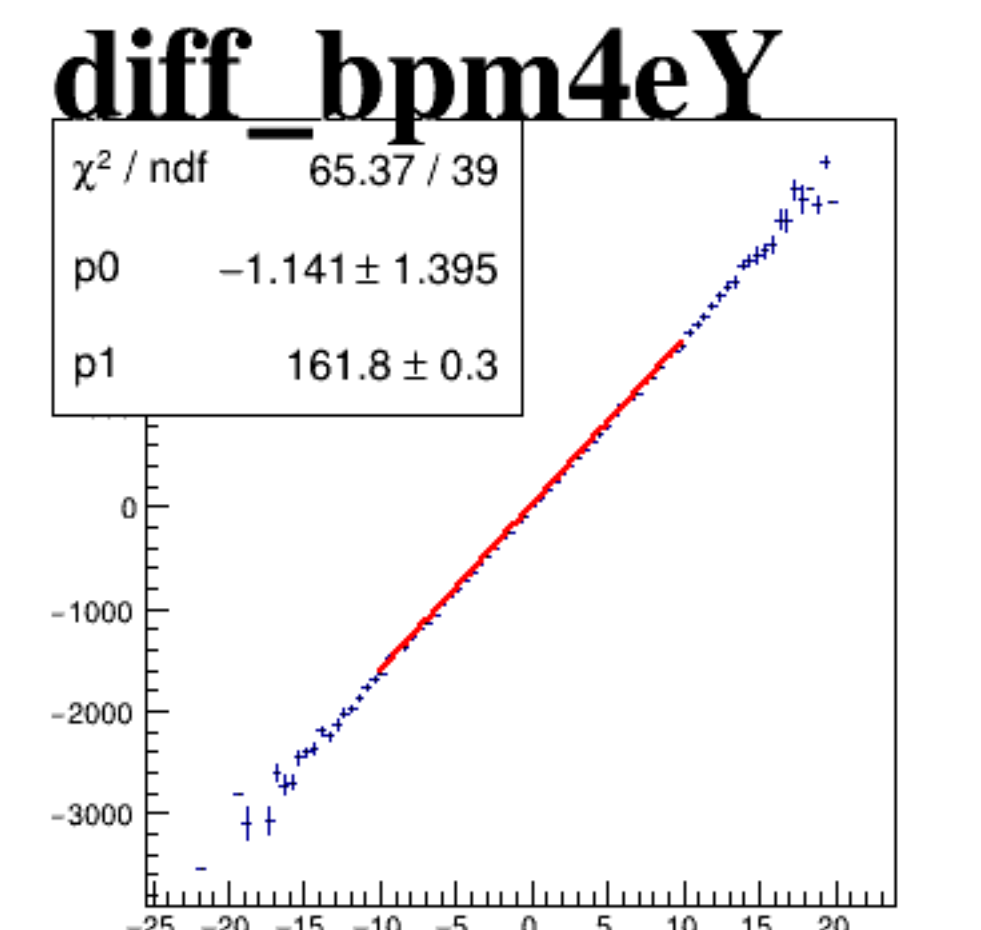
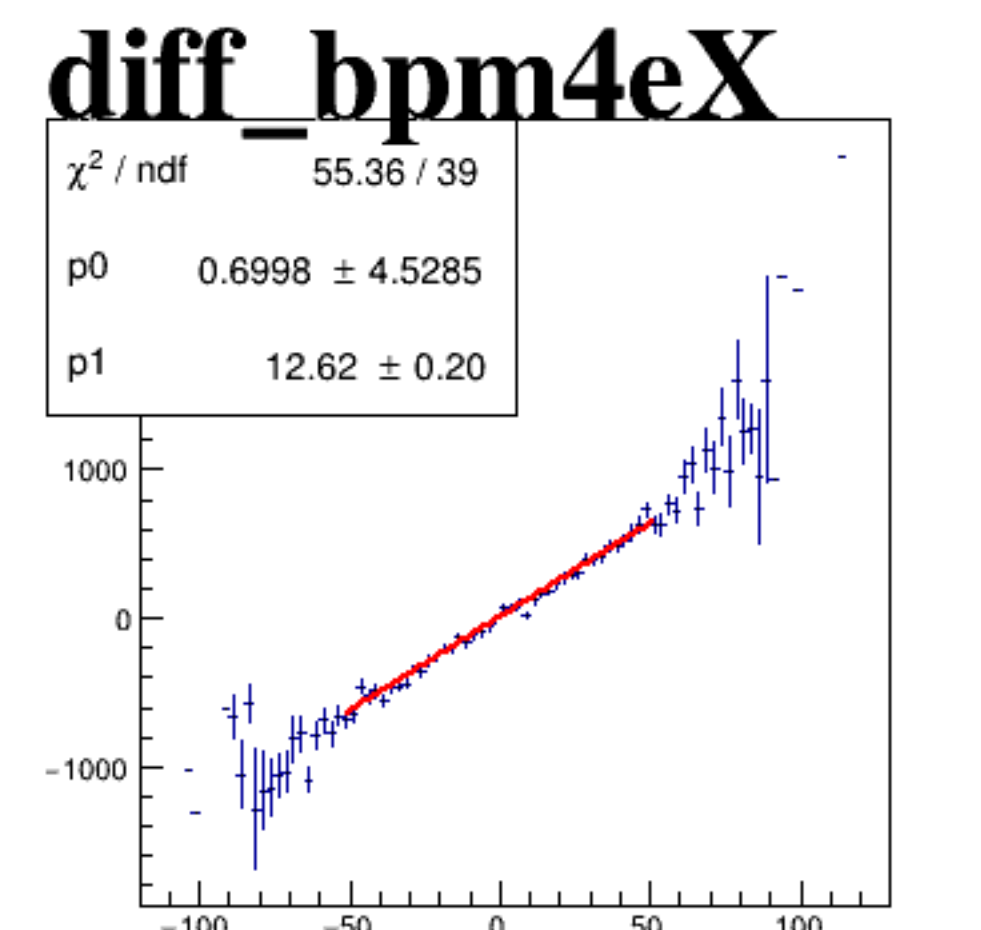
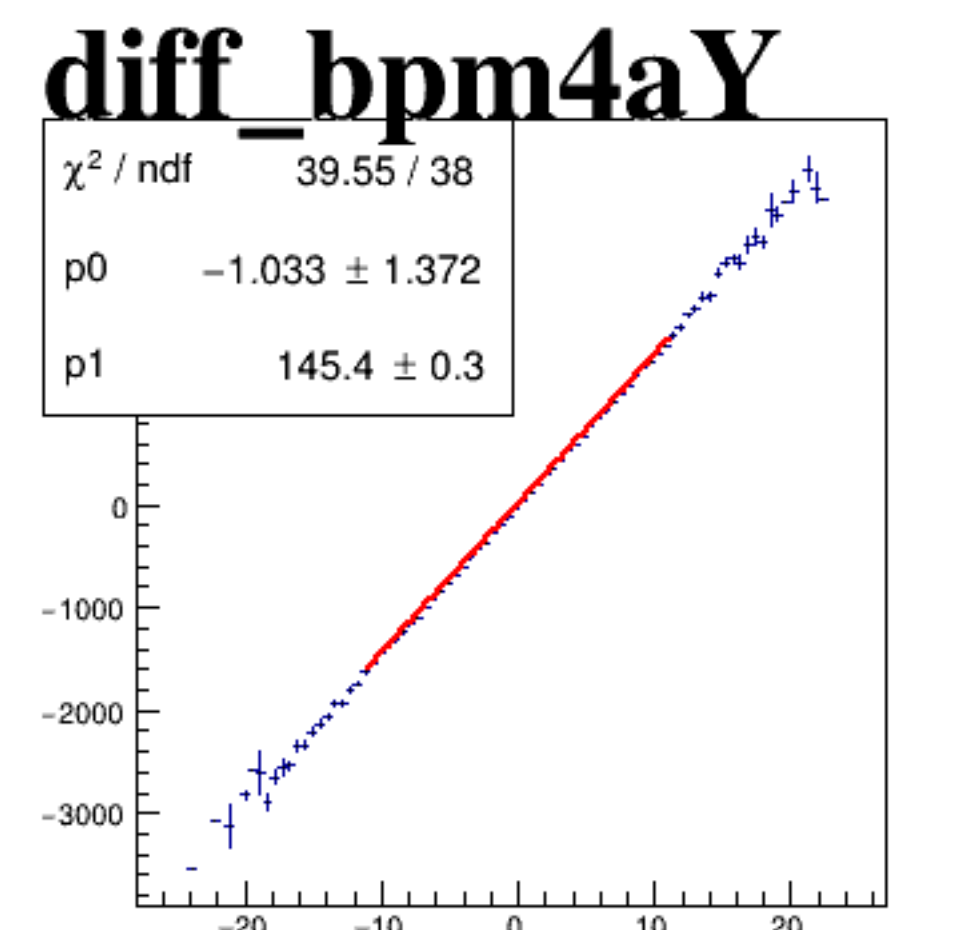
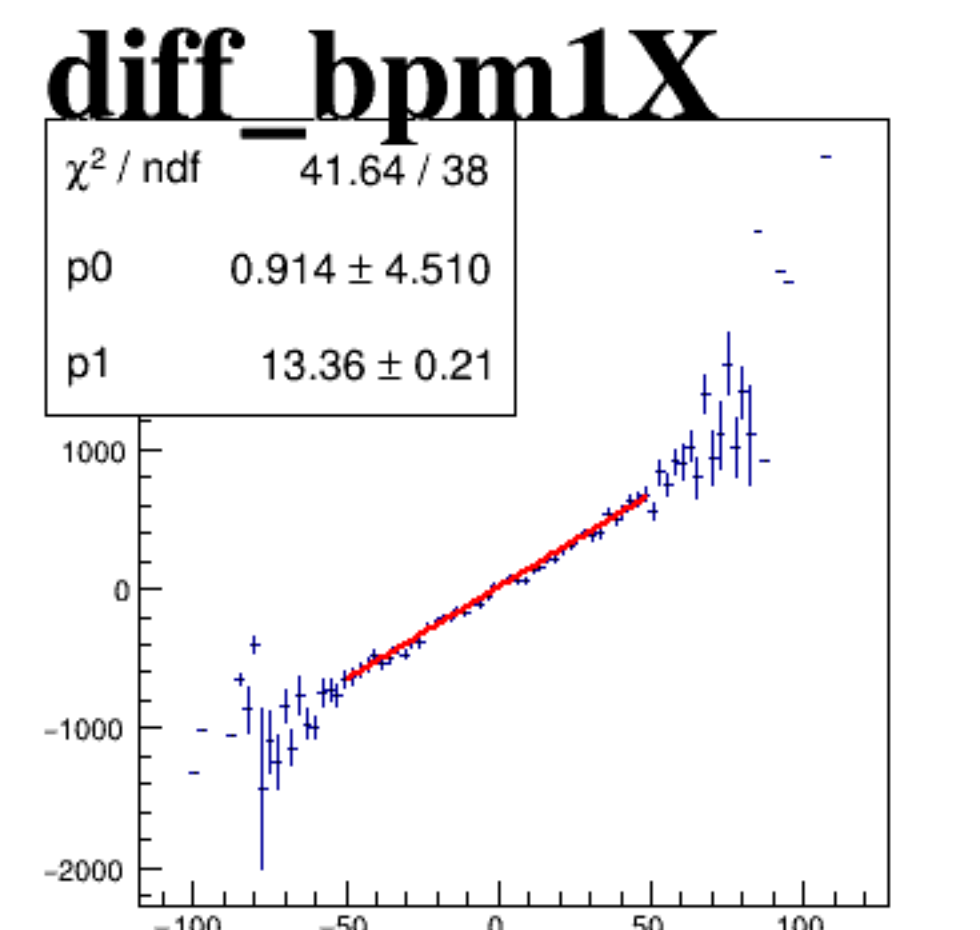
asym_sam1



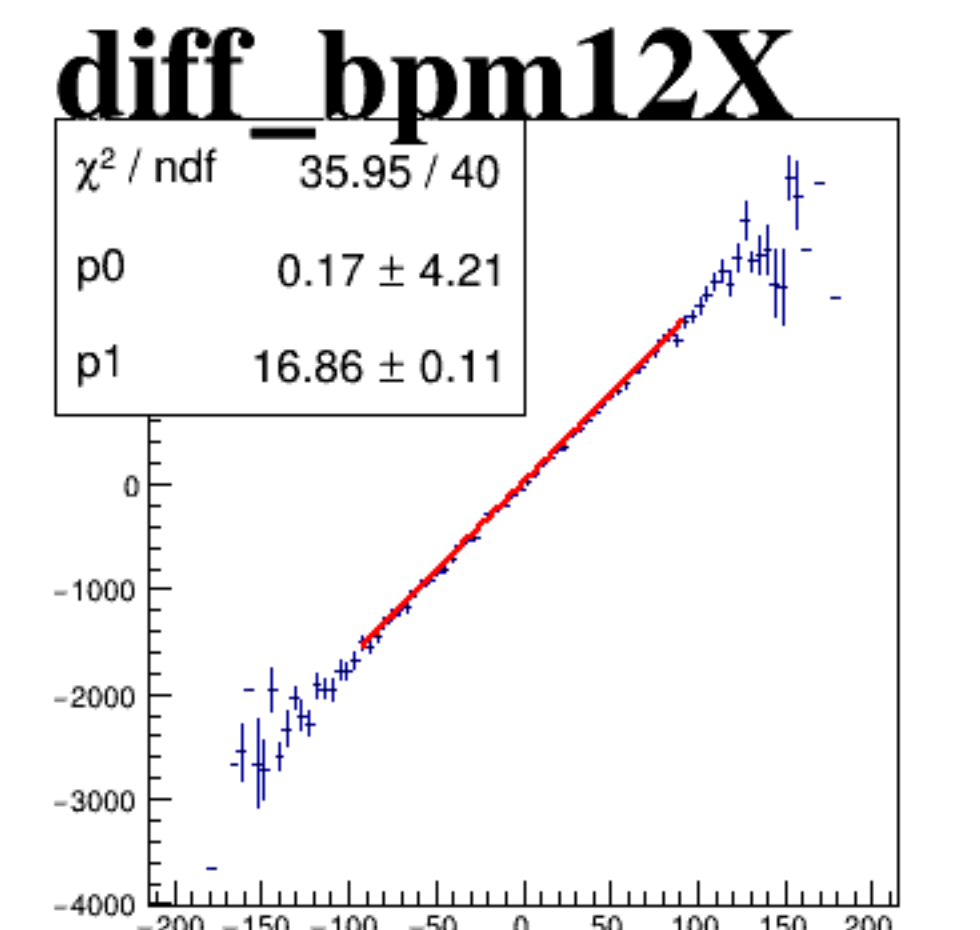
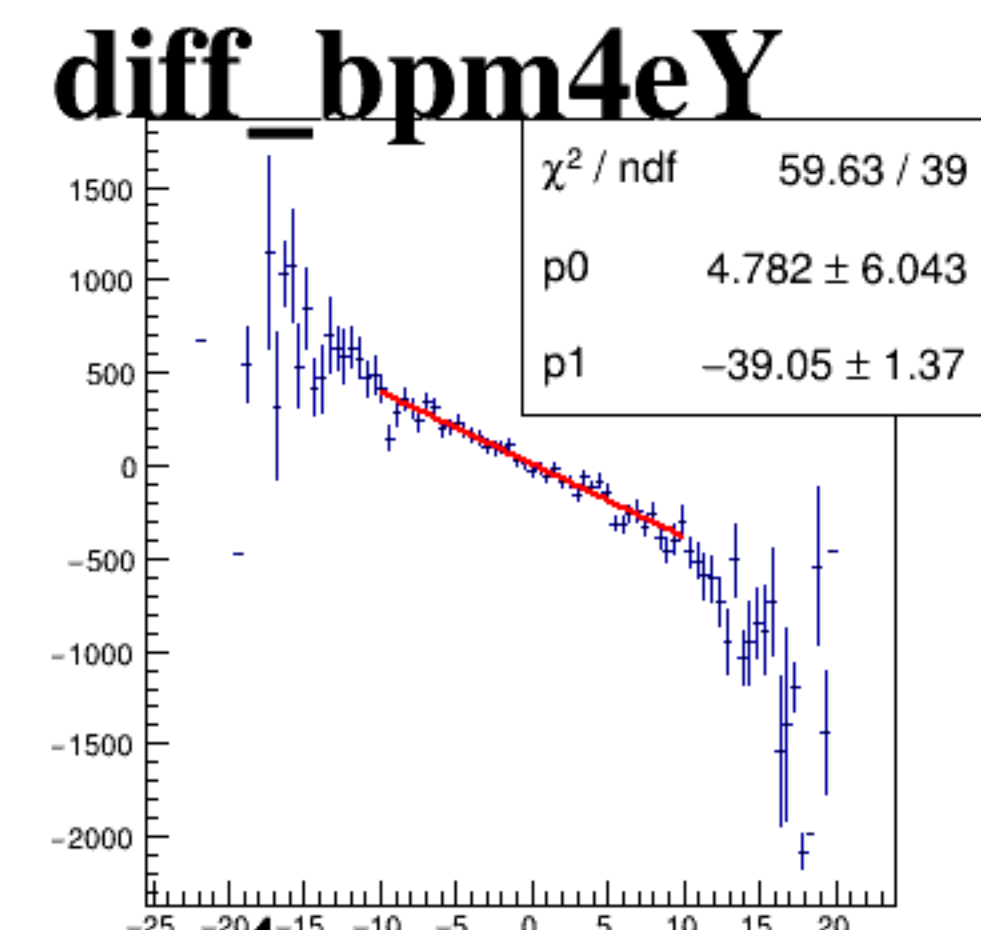
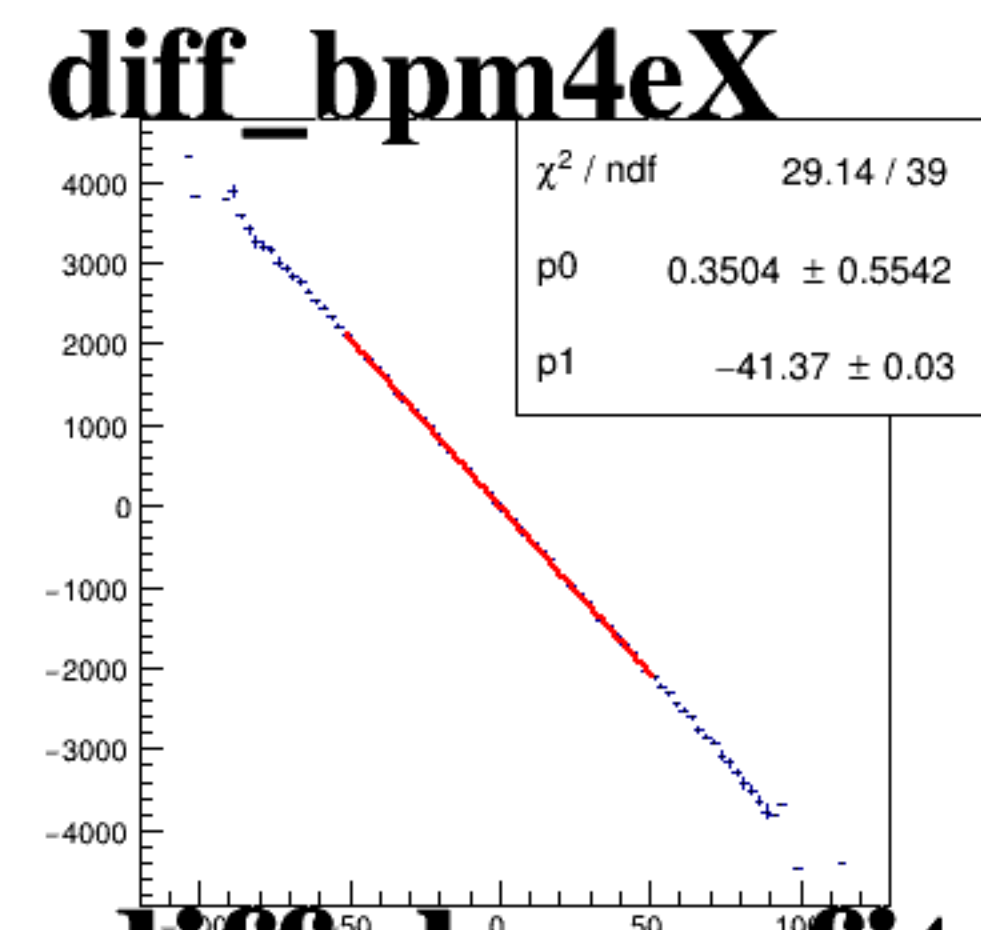
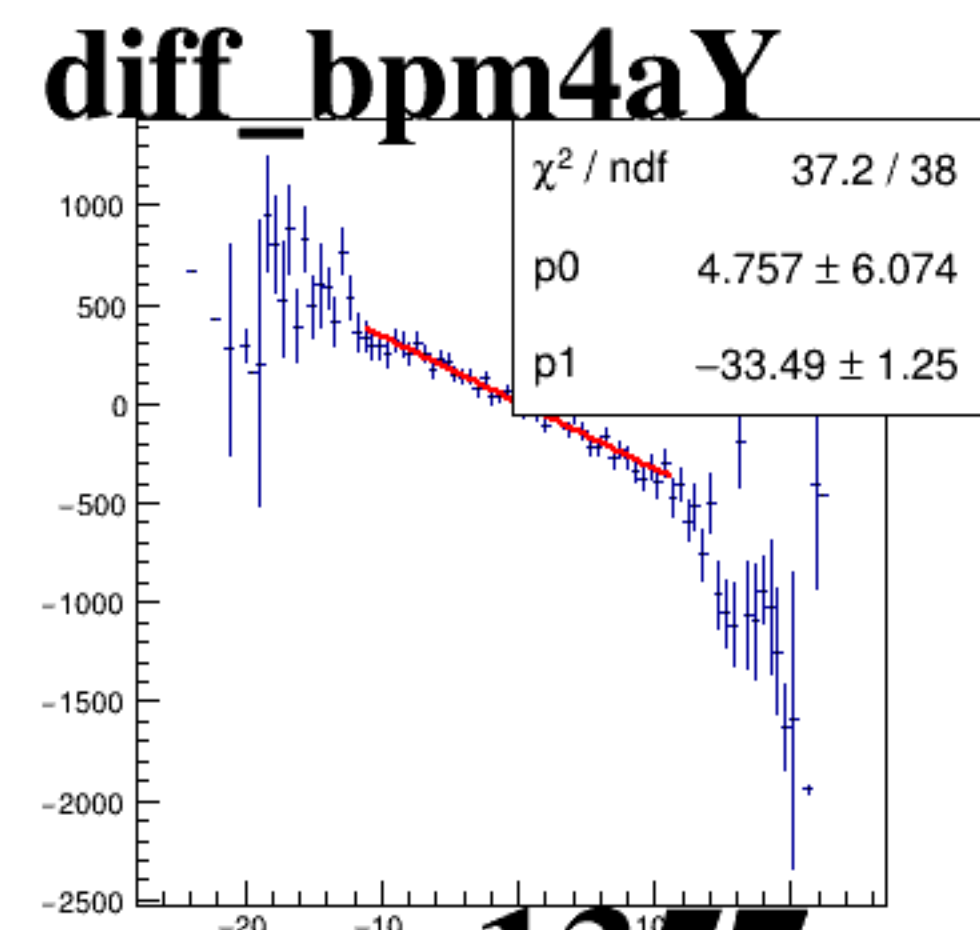
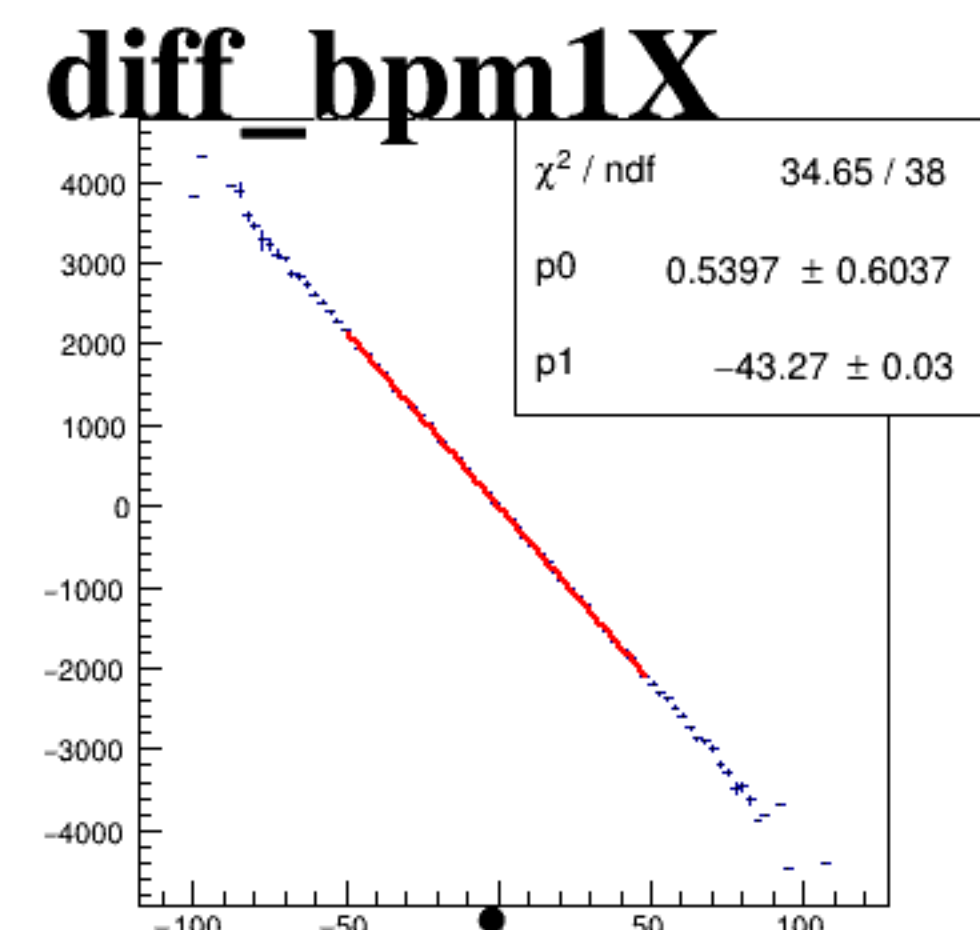
asym_sam3



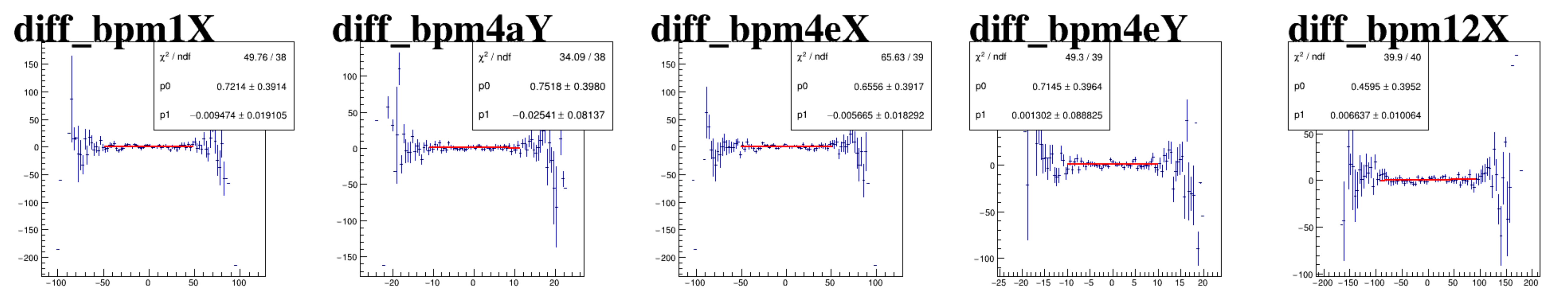
asym_sam5



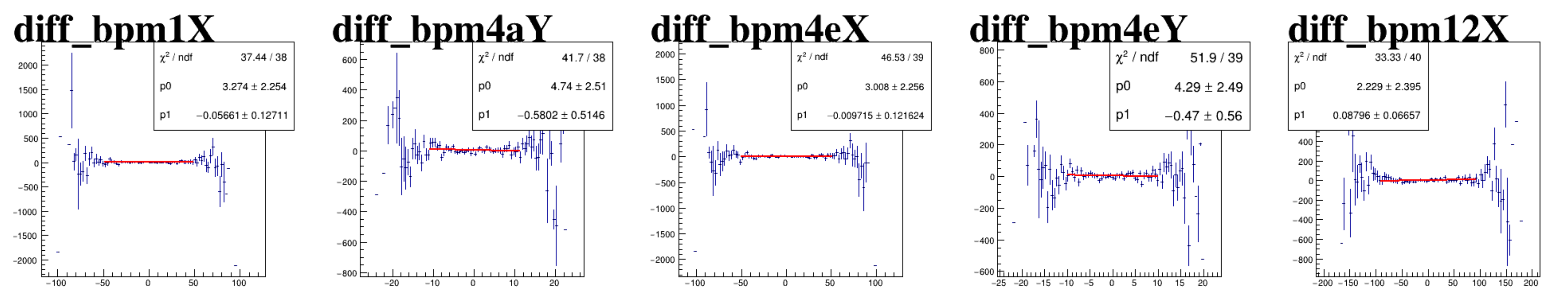
asym_sam7



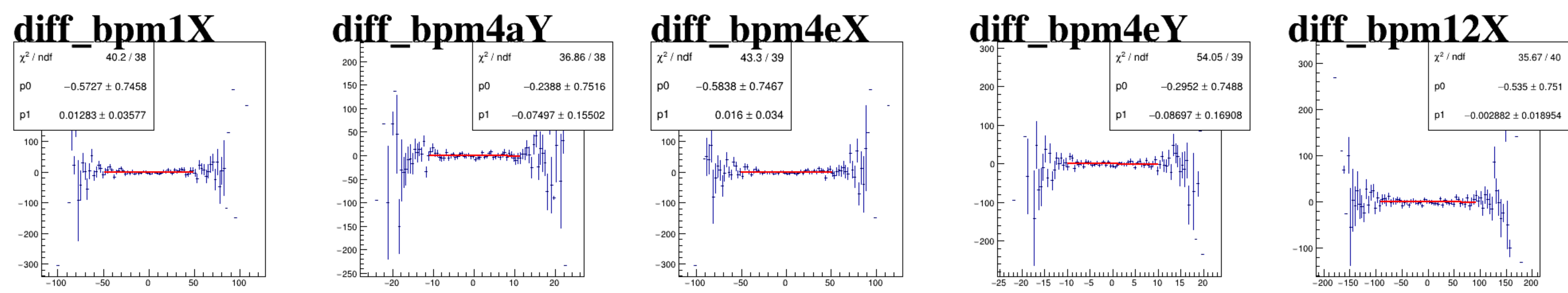
reg_asym_sam1



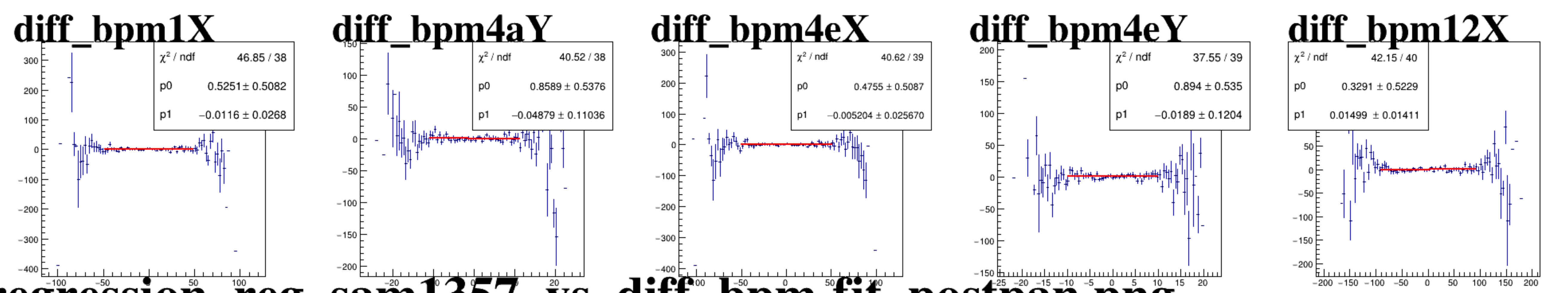
reg_asym_sam3



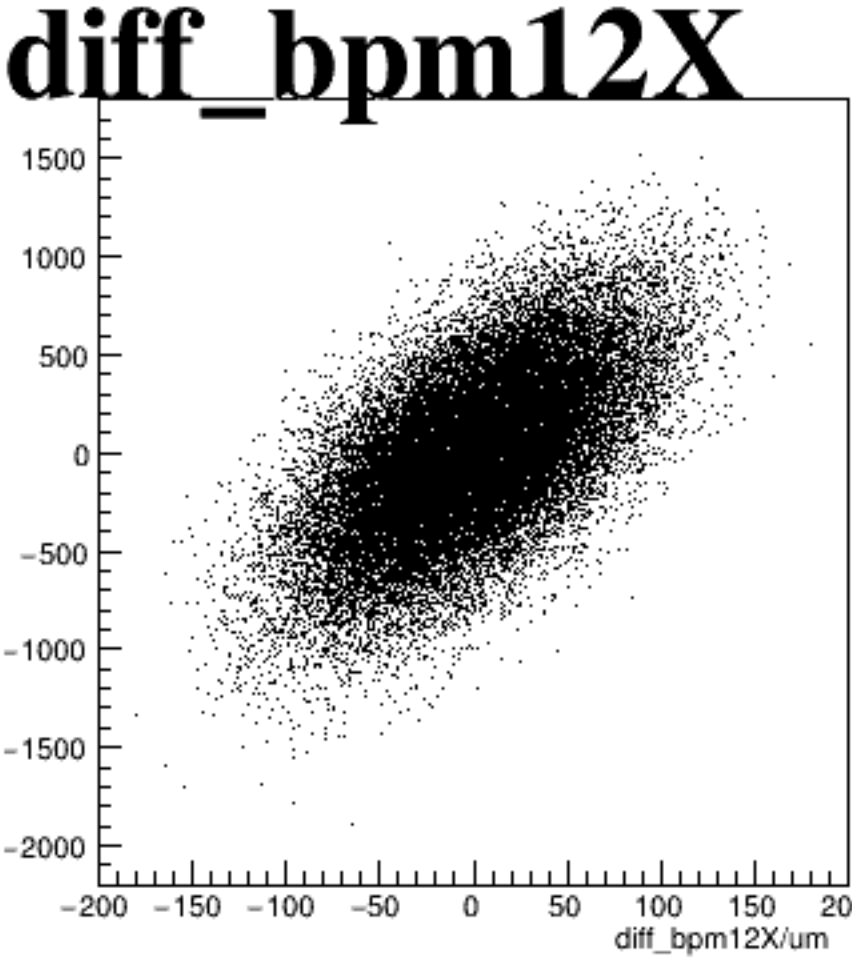
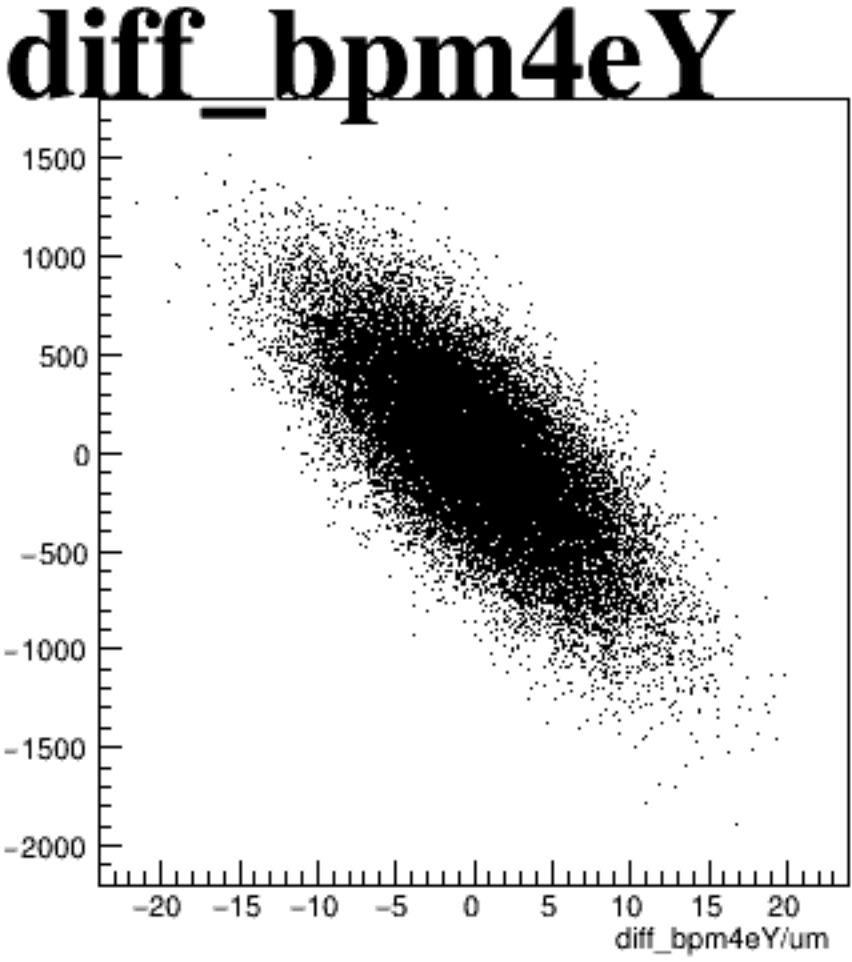
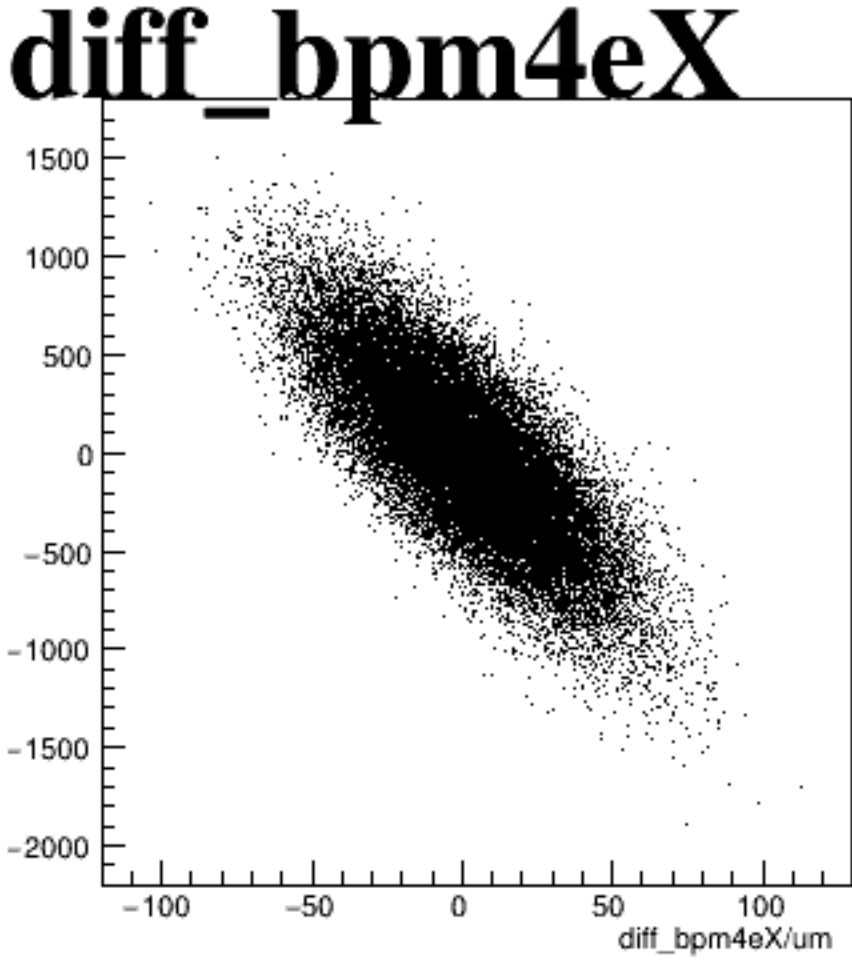
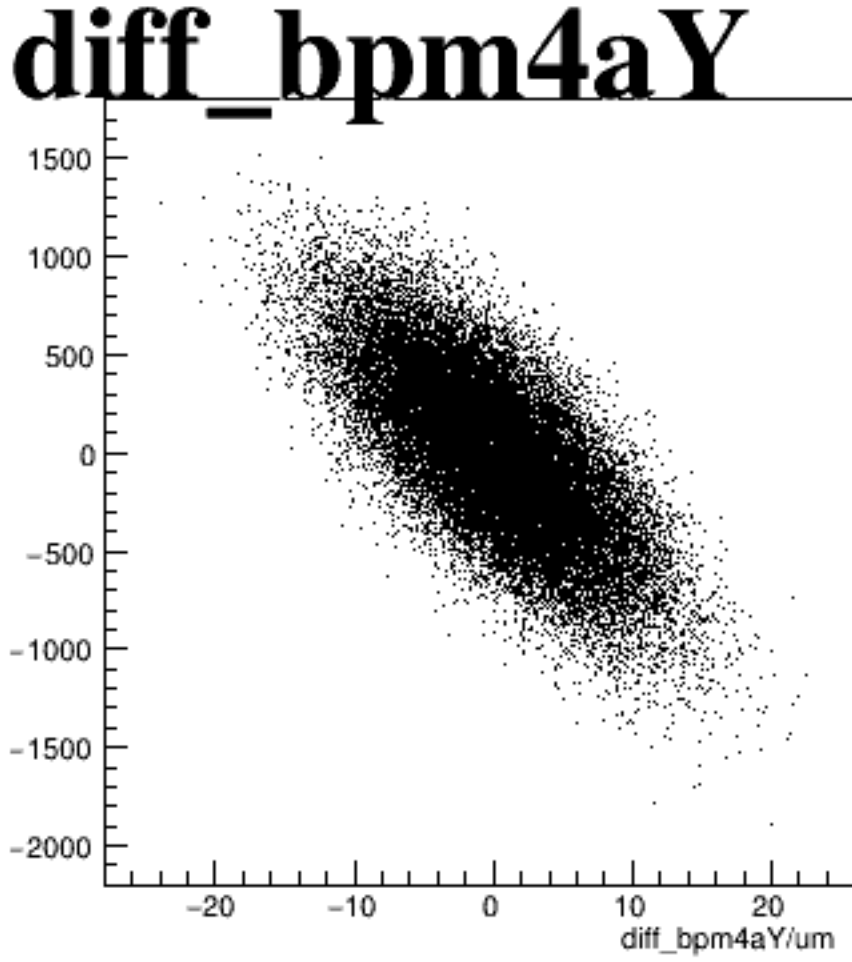
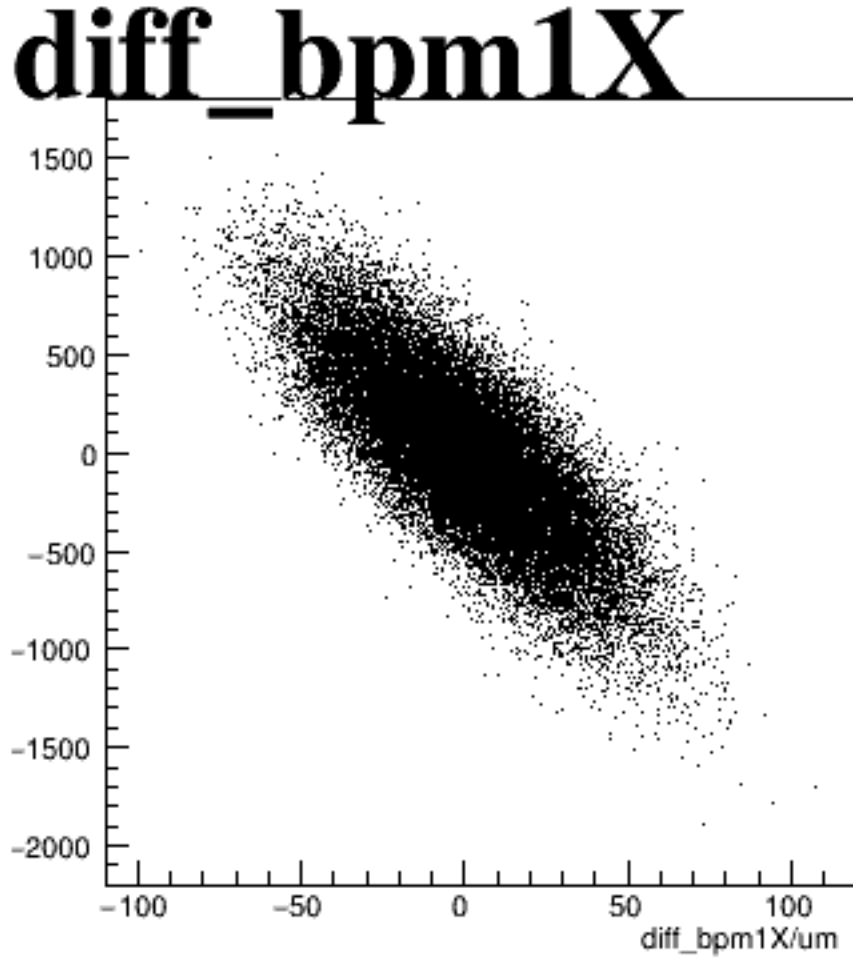
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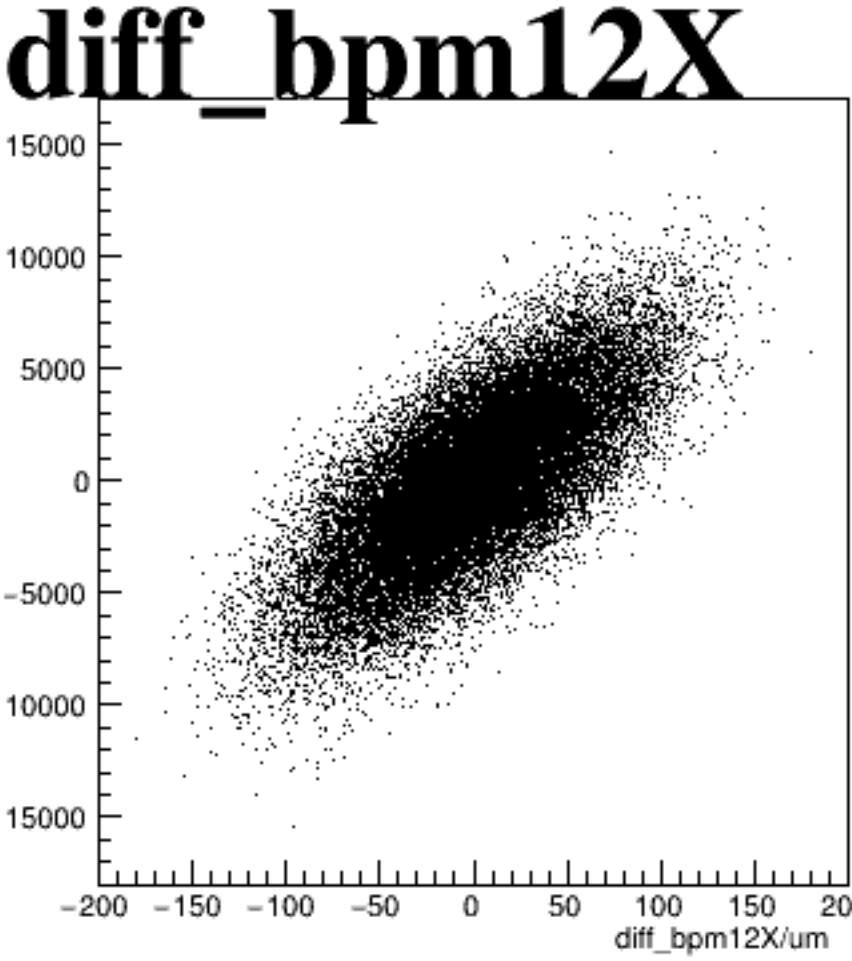
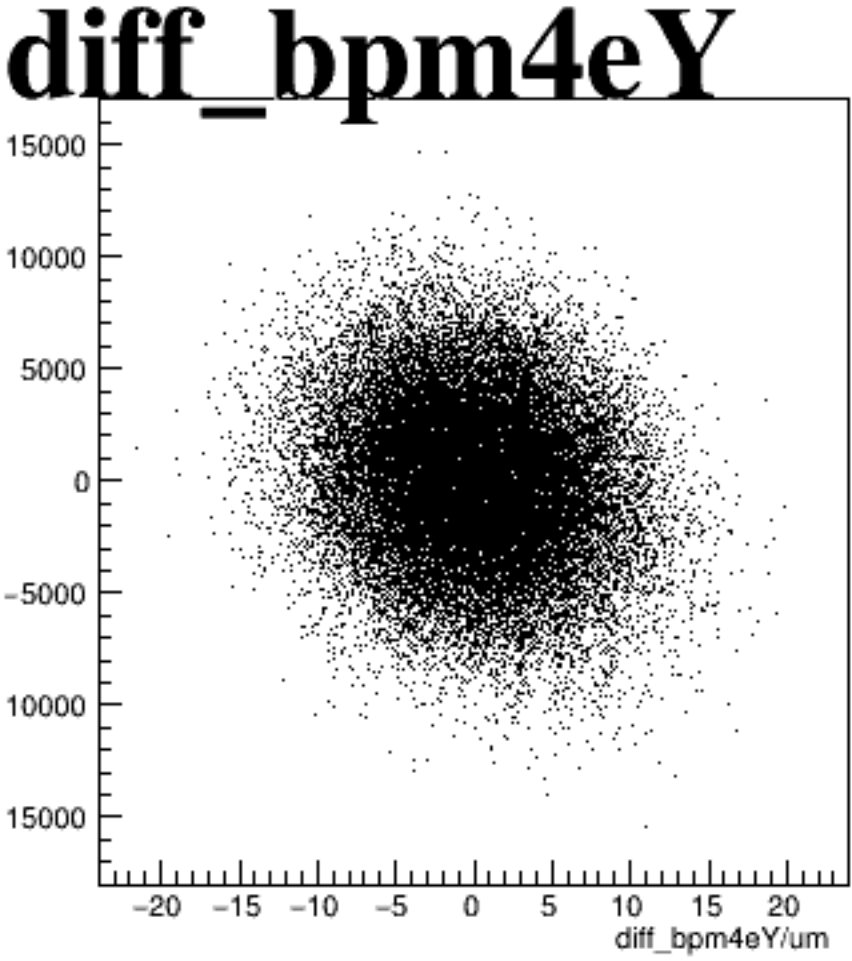
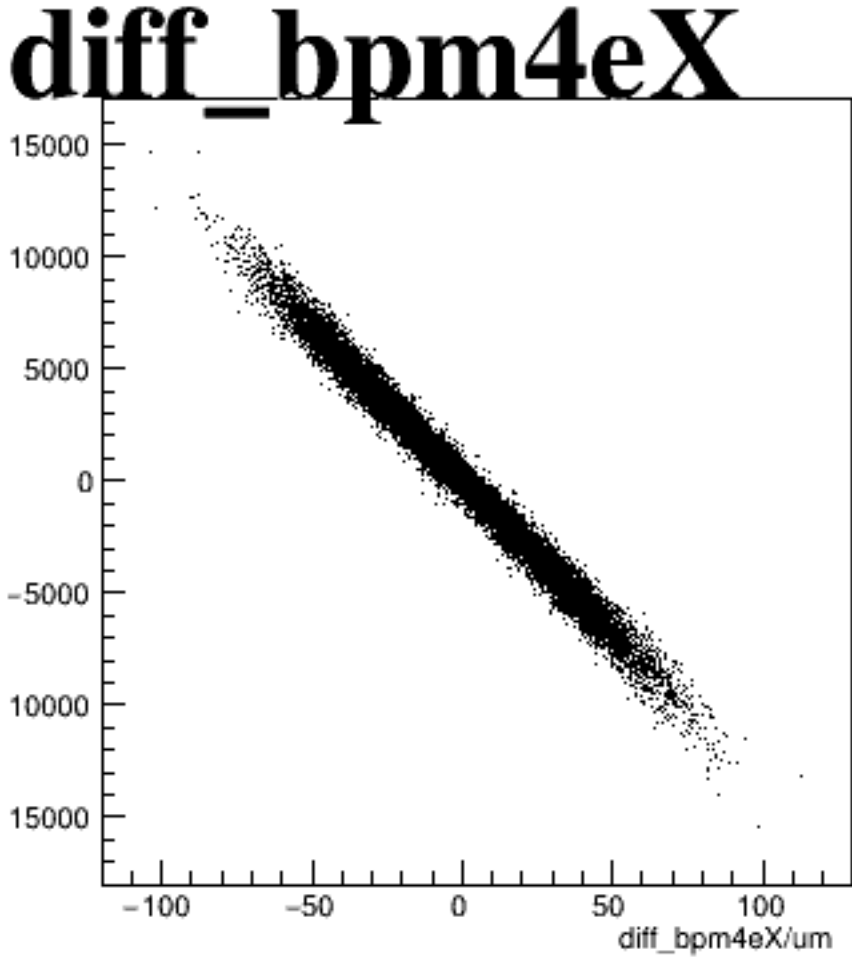
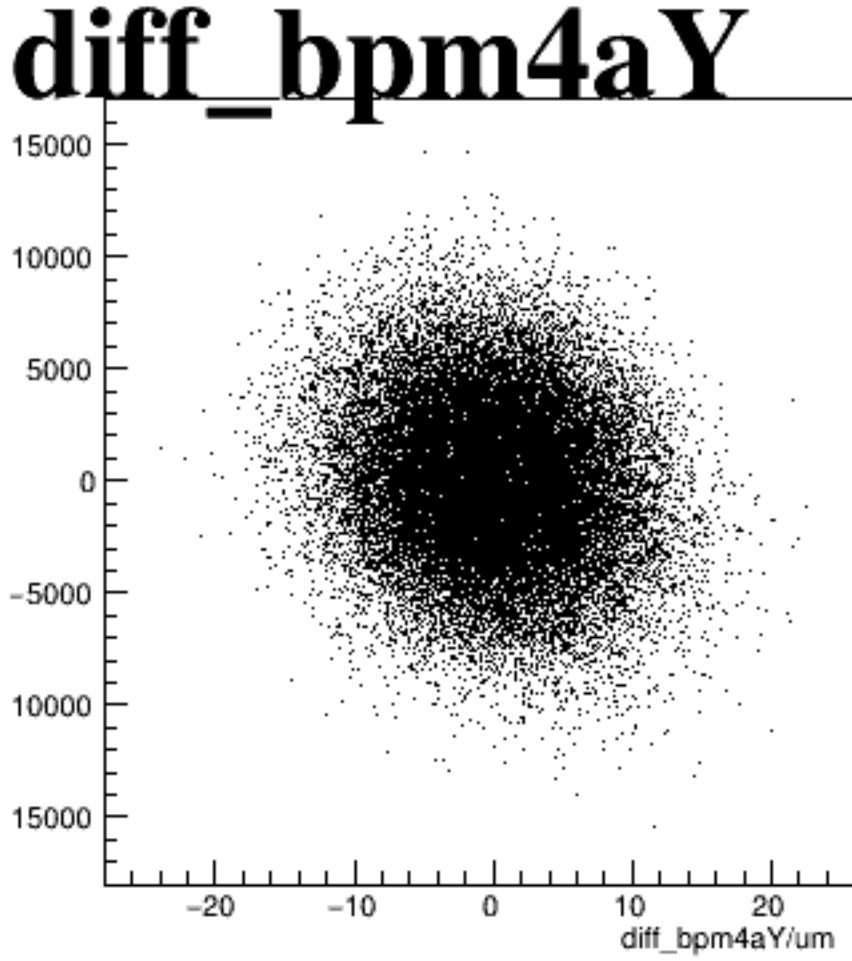
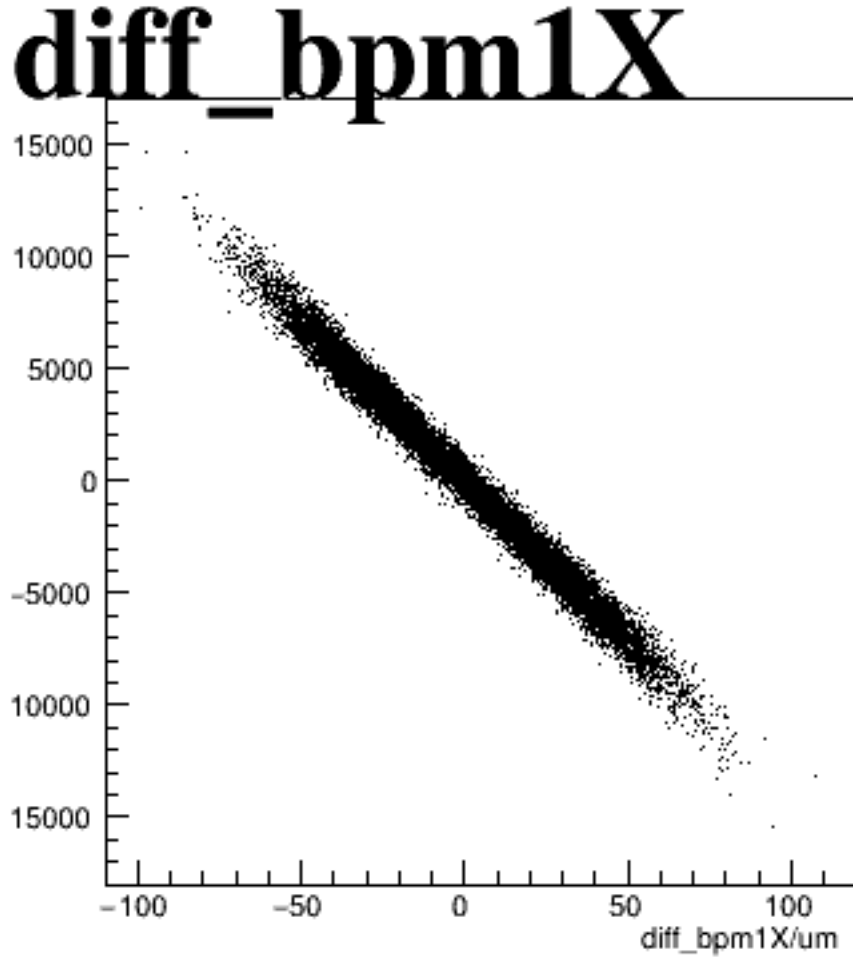
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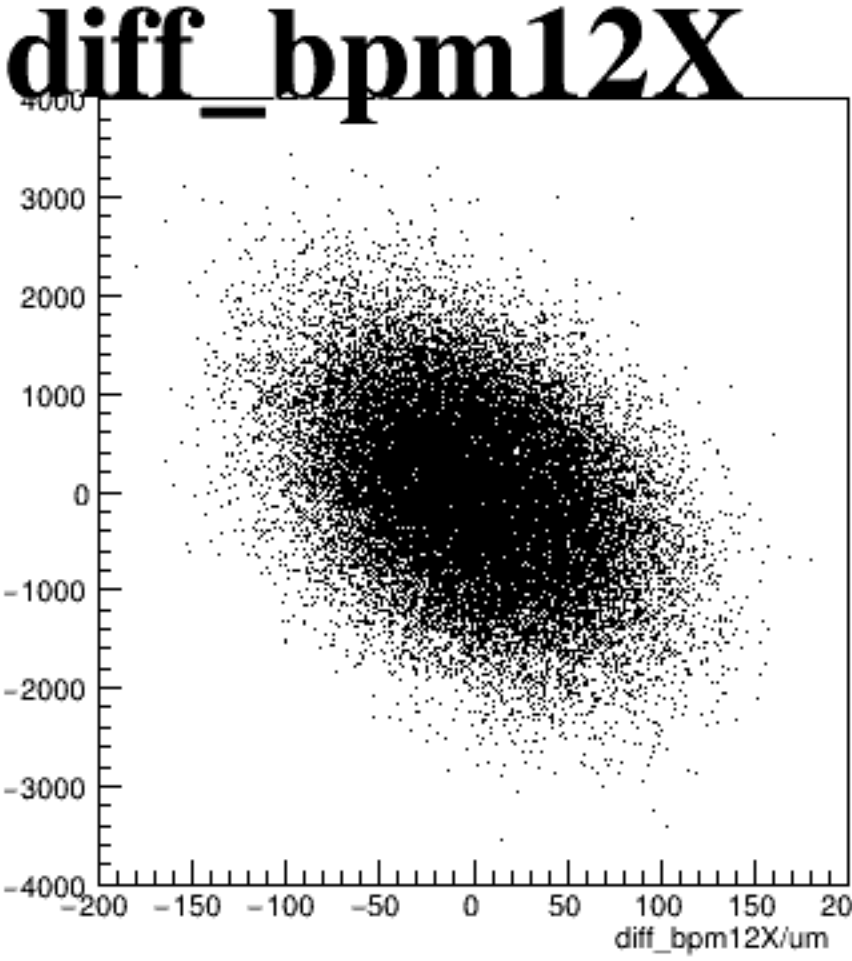
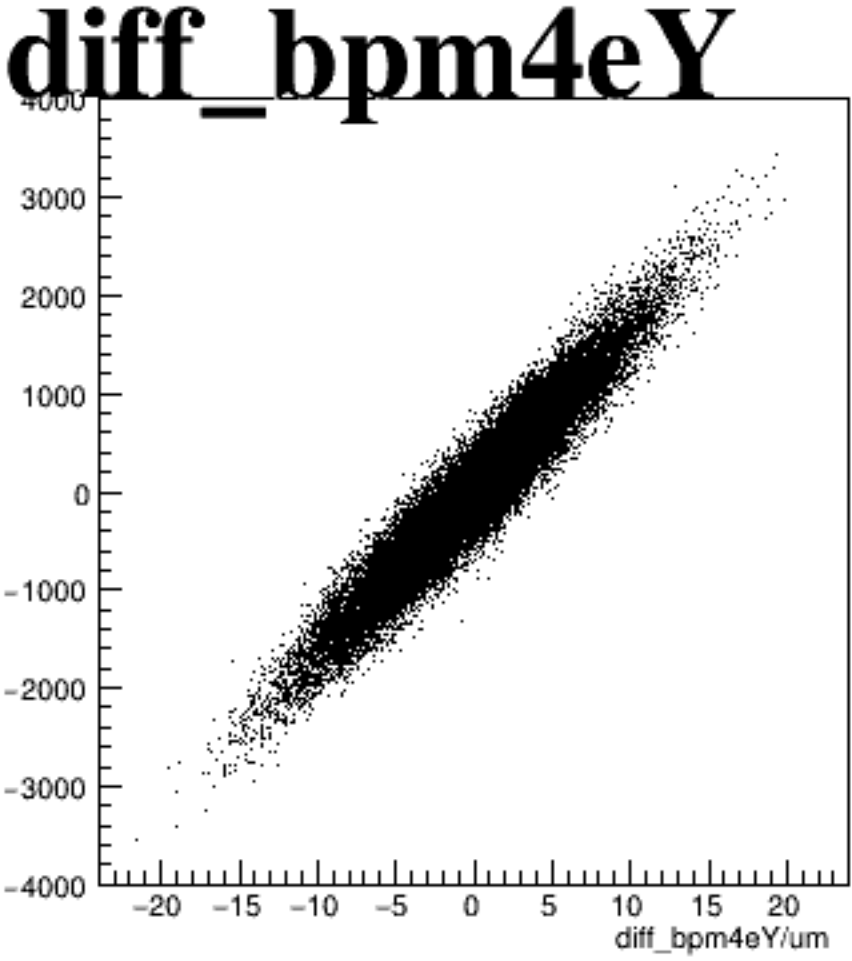
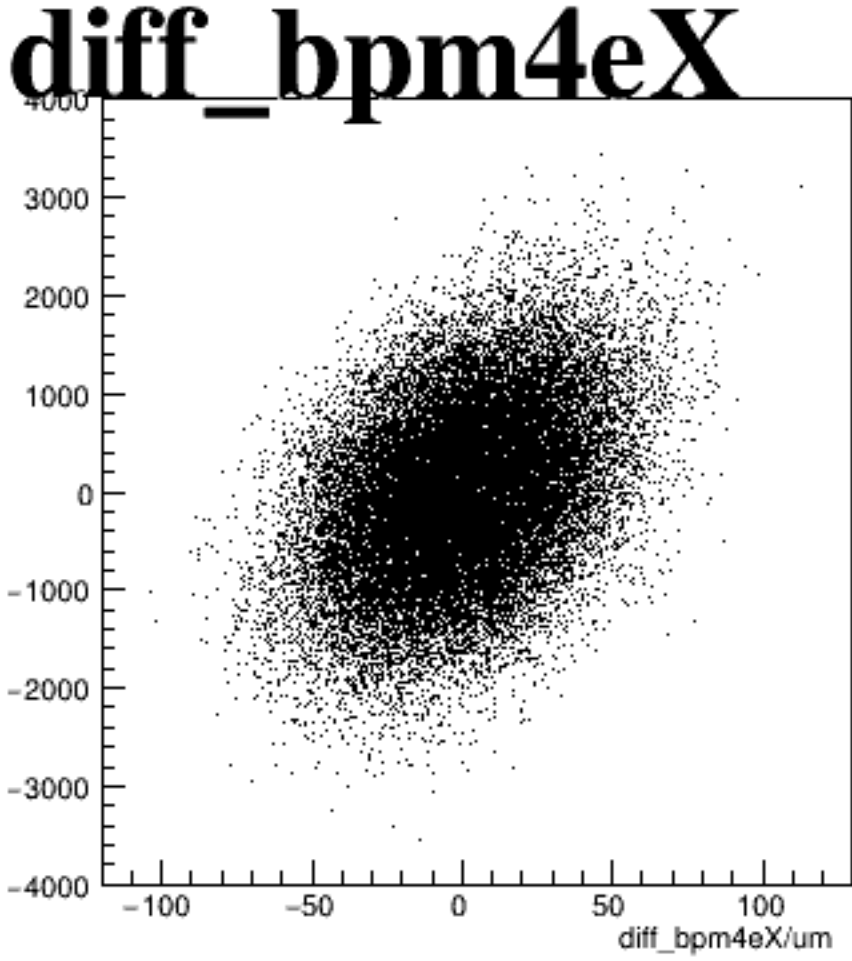
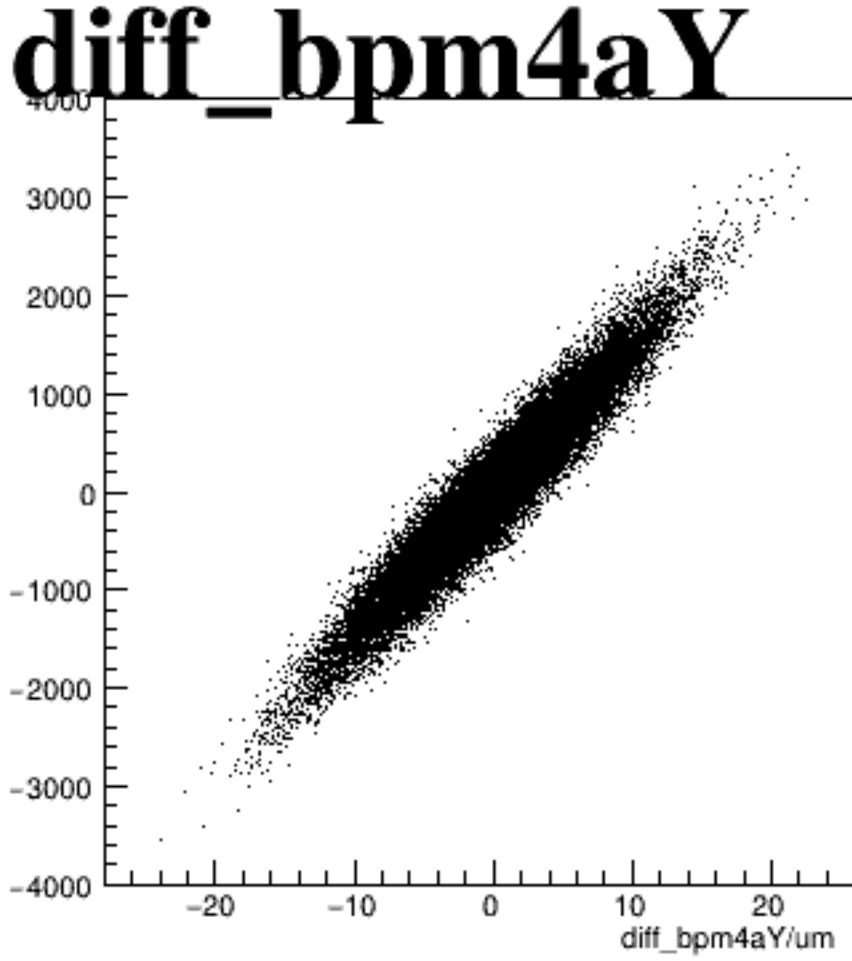
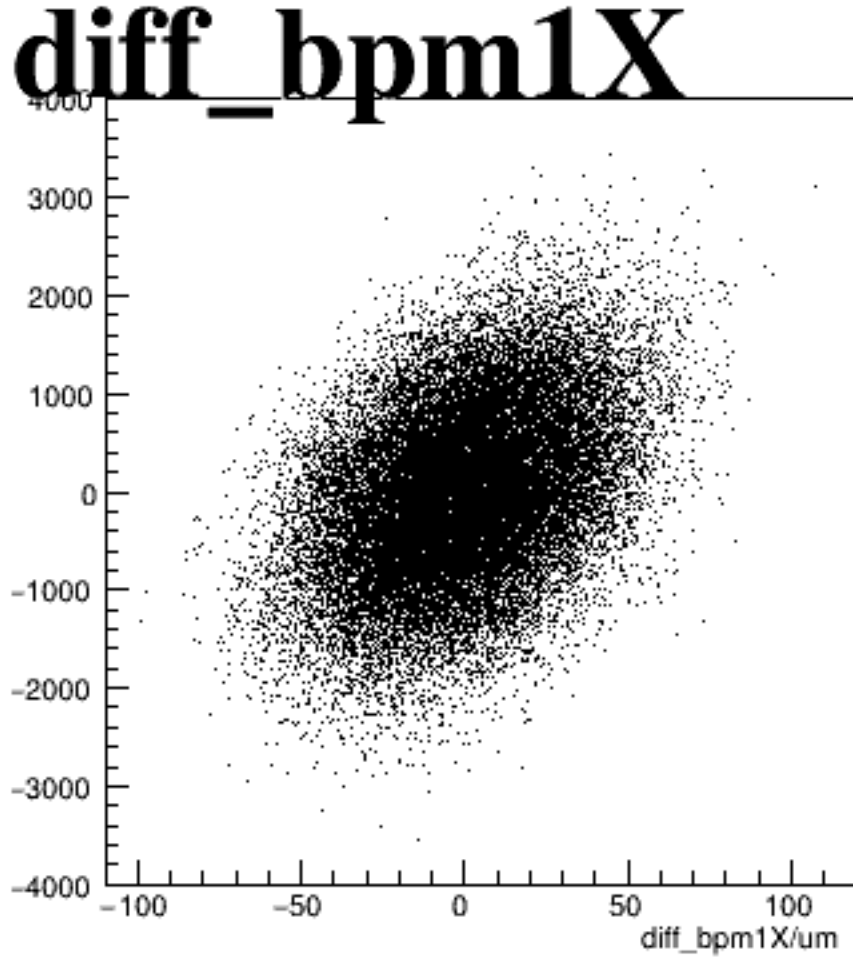
asym_sam1



asym_sam3



asym_sam5



asym_sam7

