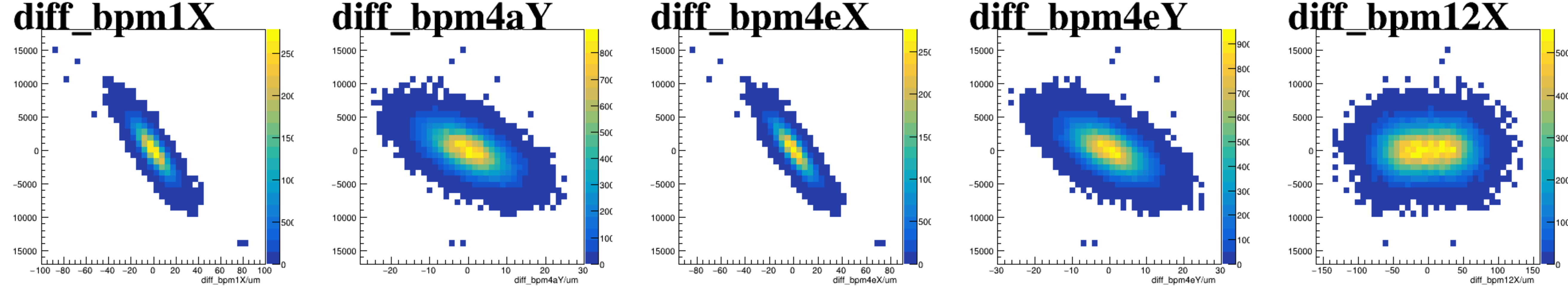
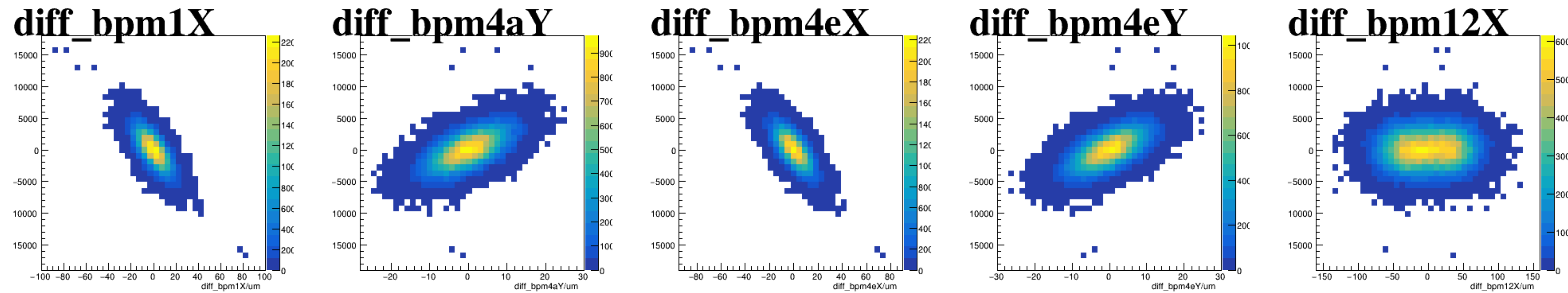


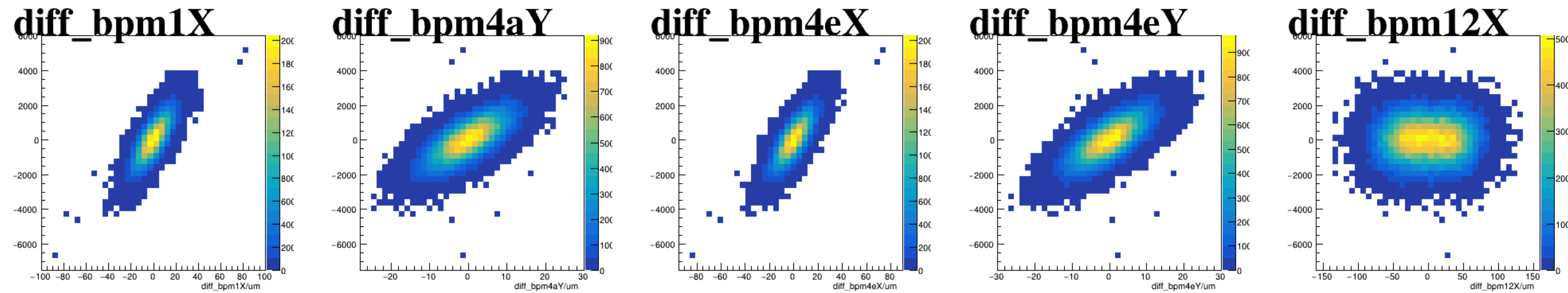
asym_sam2



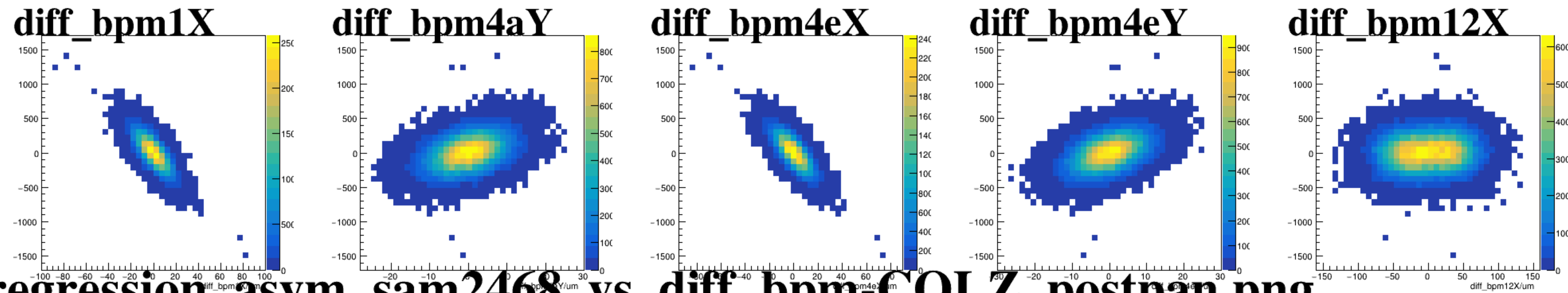
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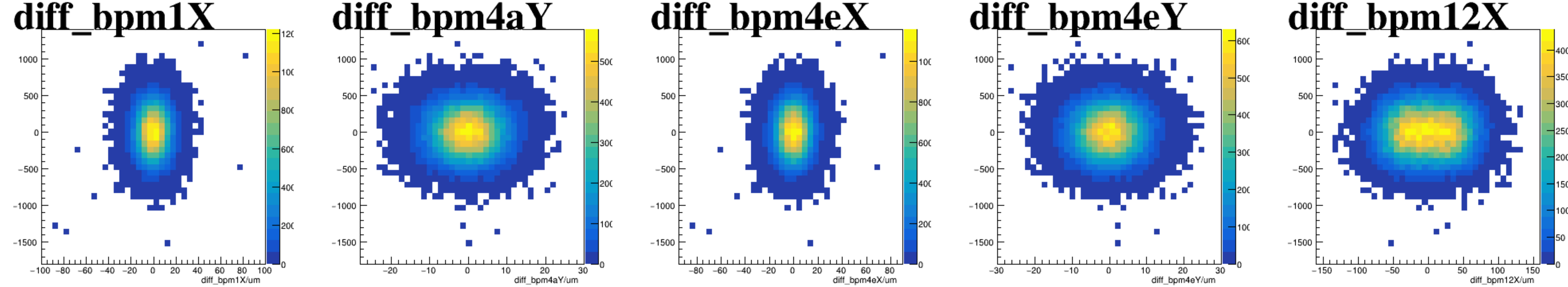
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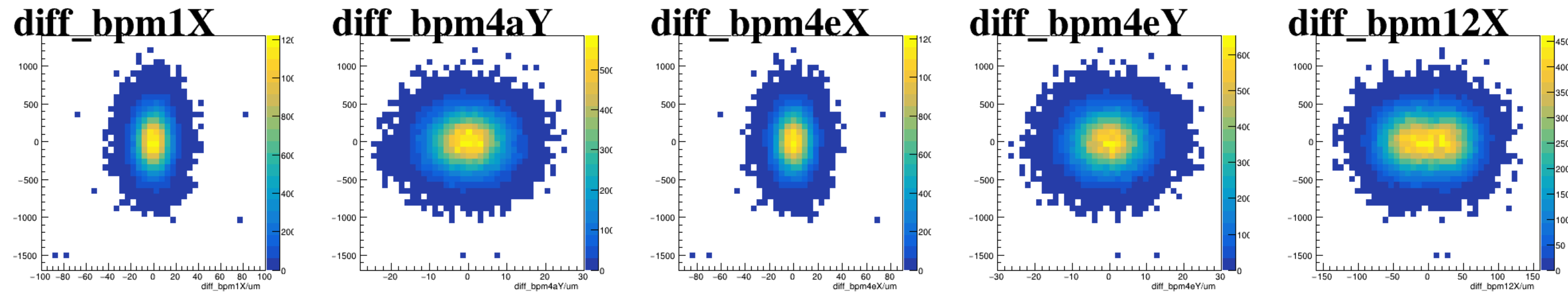
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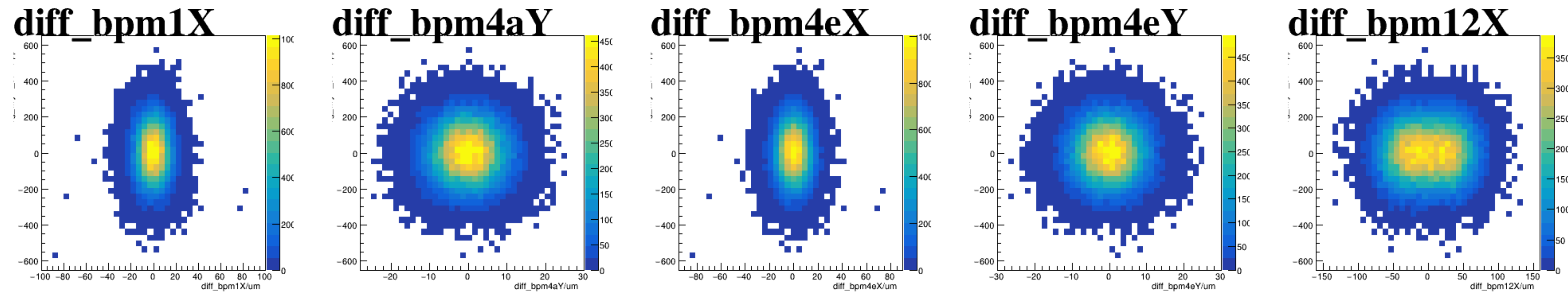
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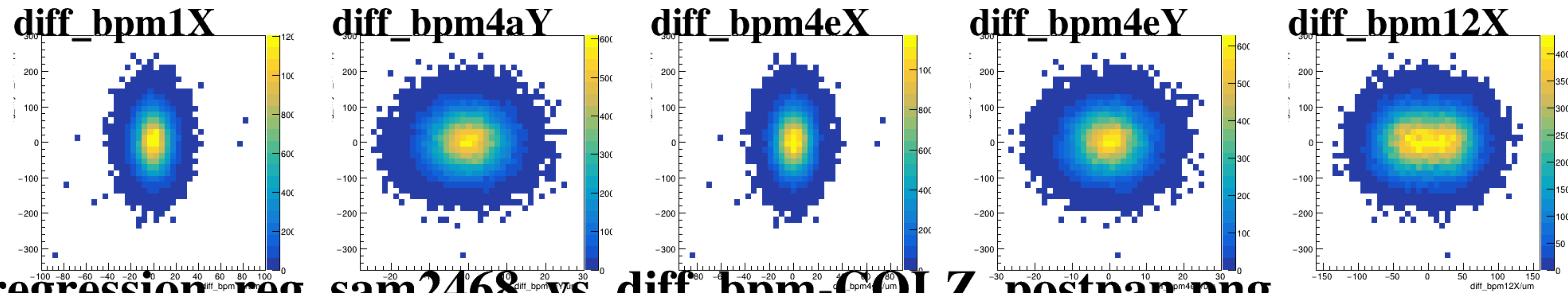
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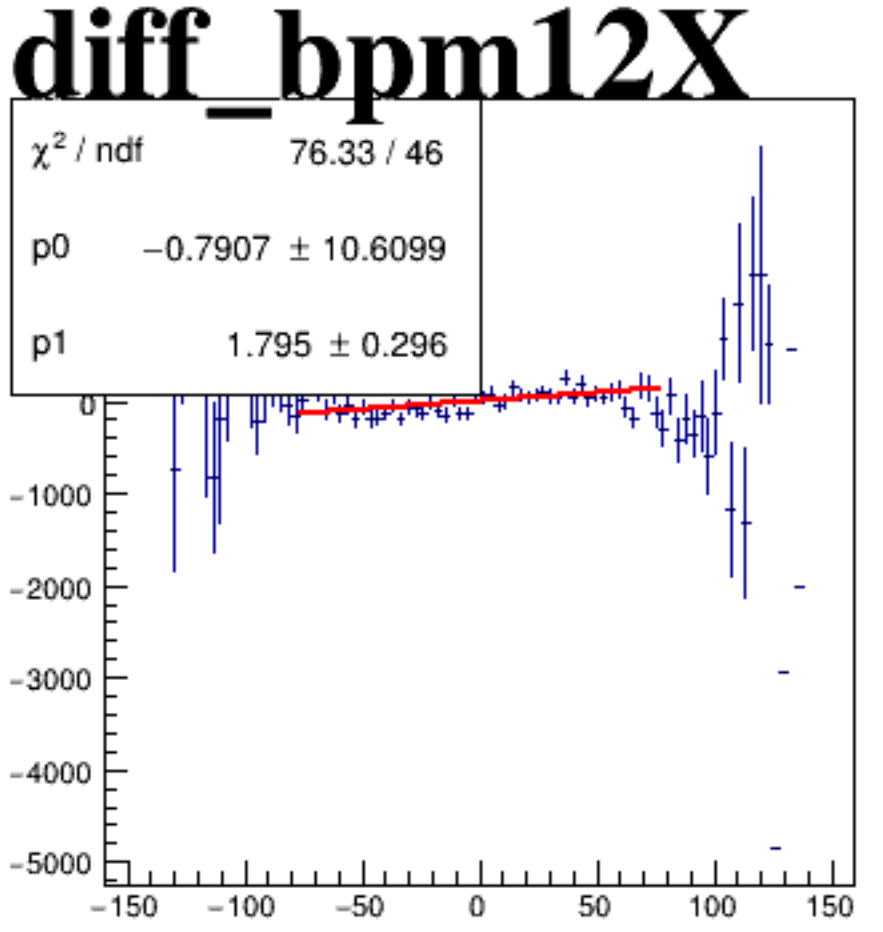
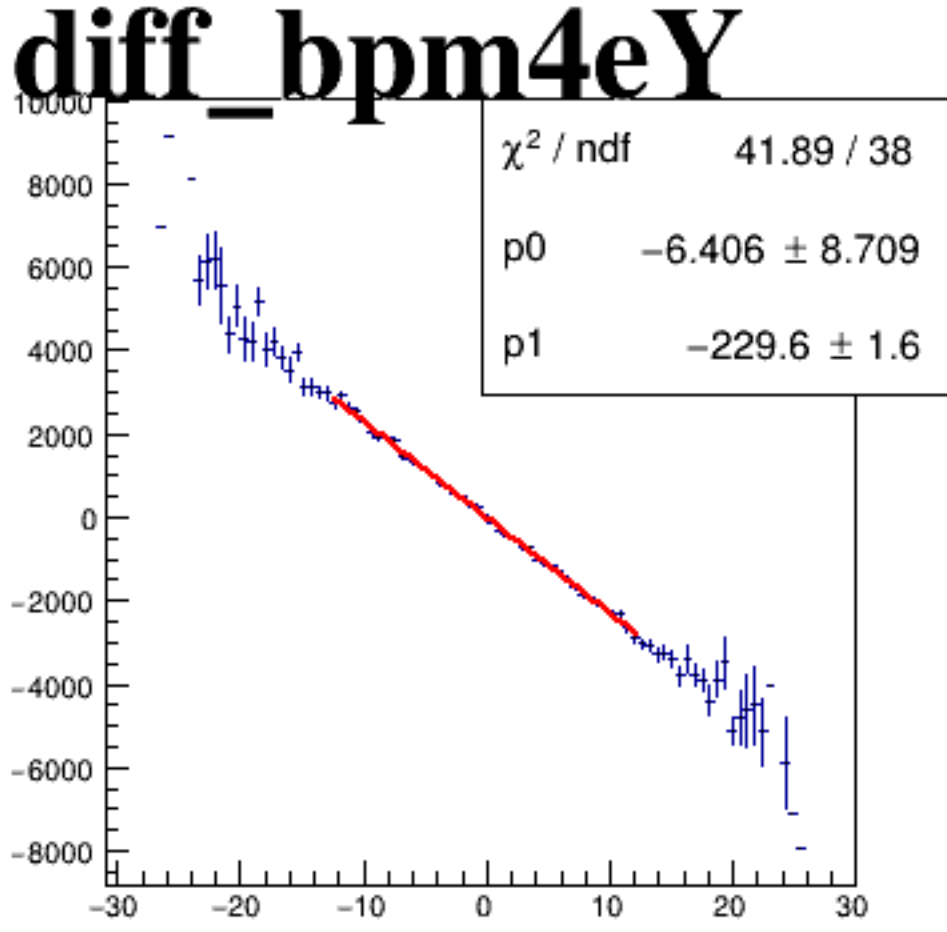
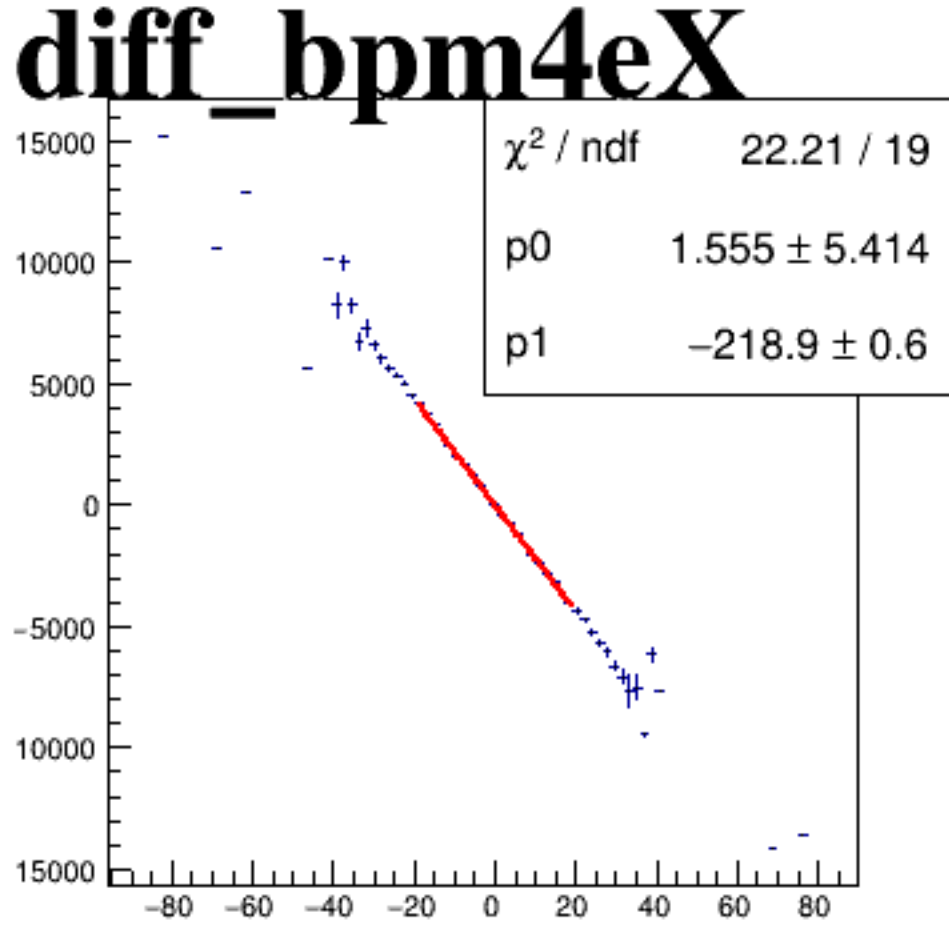
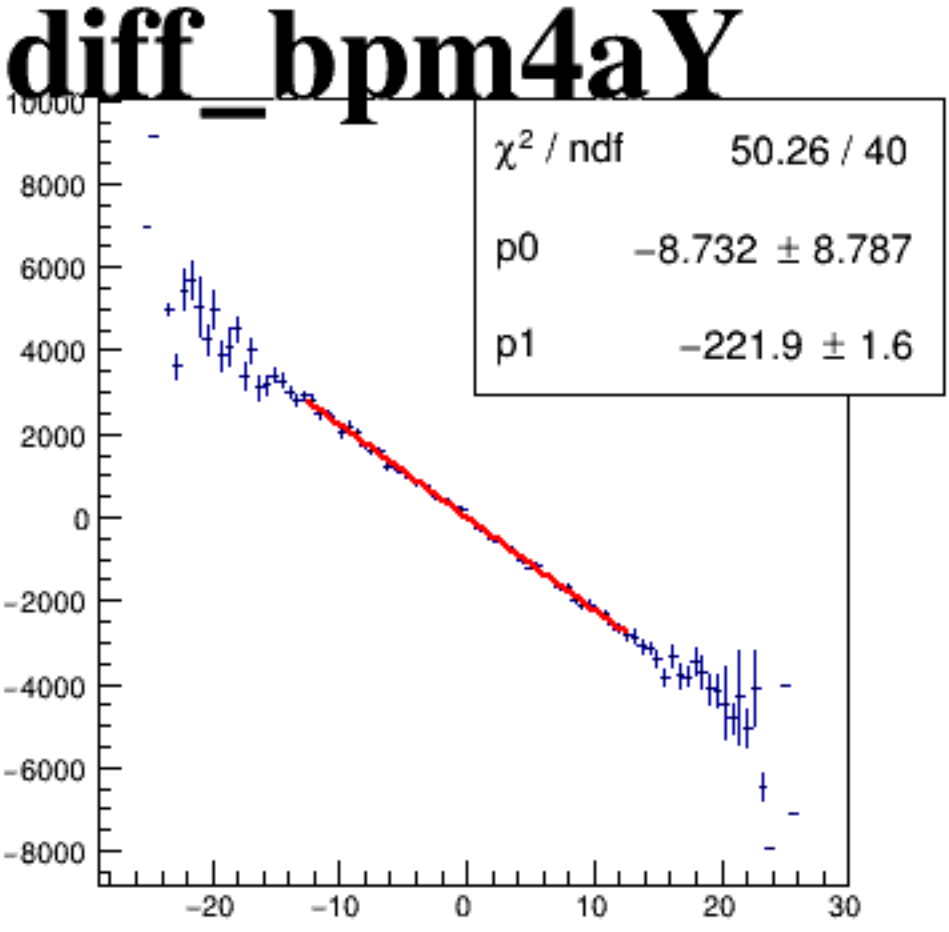
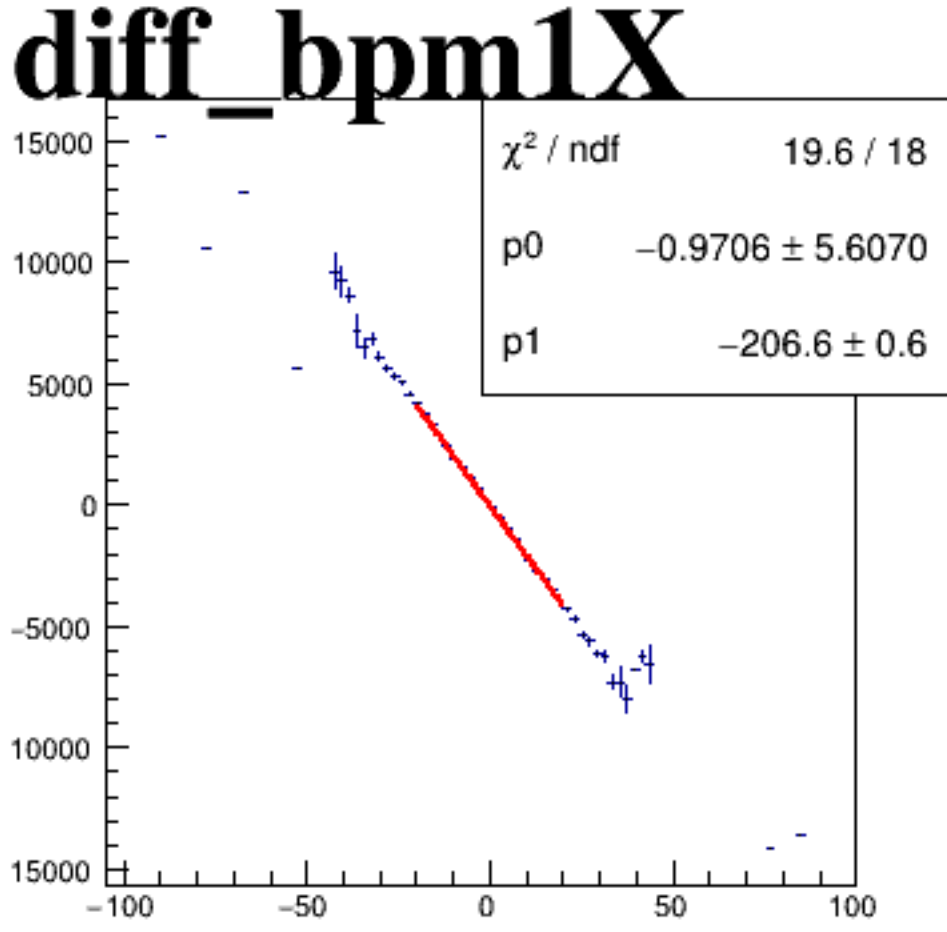
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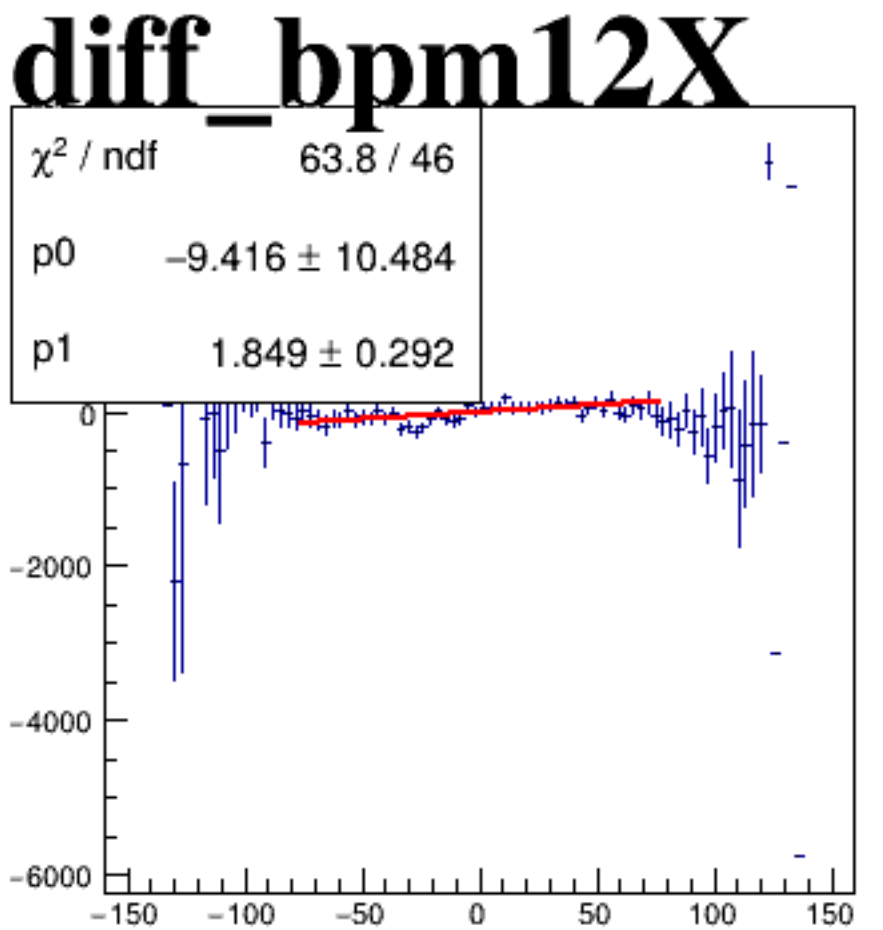
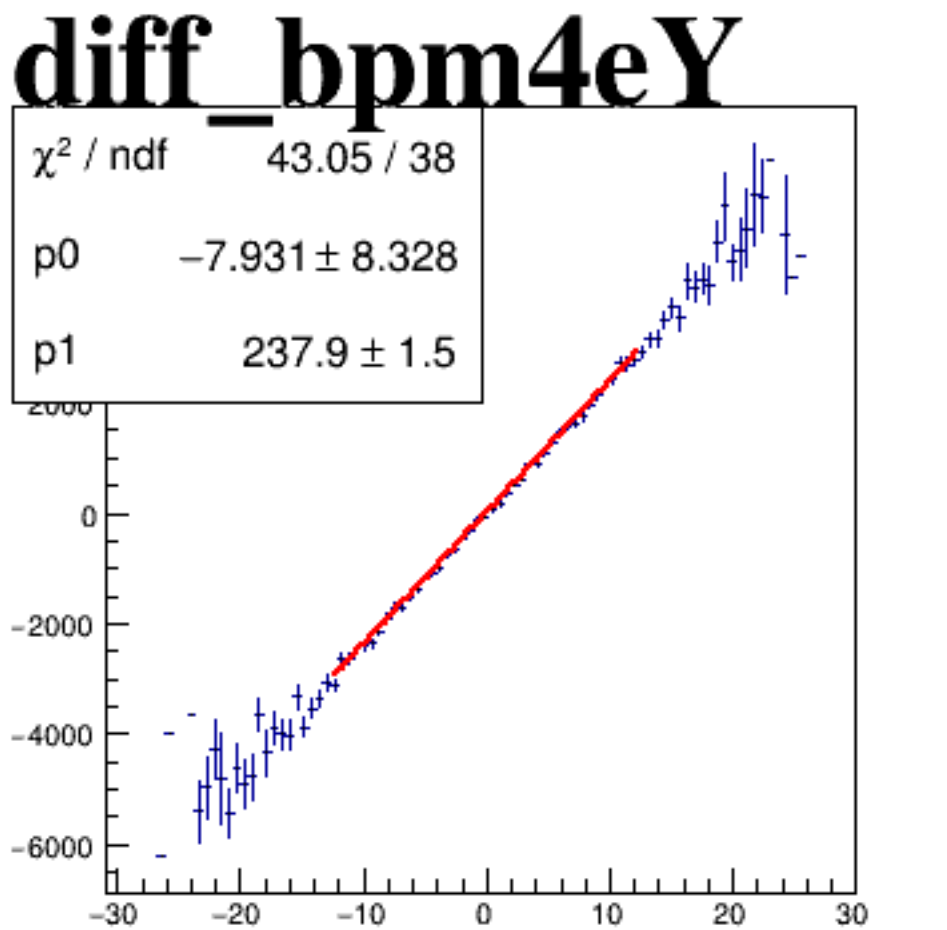
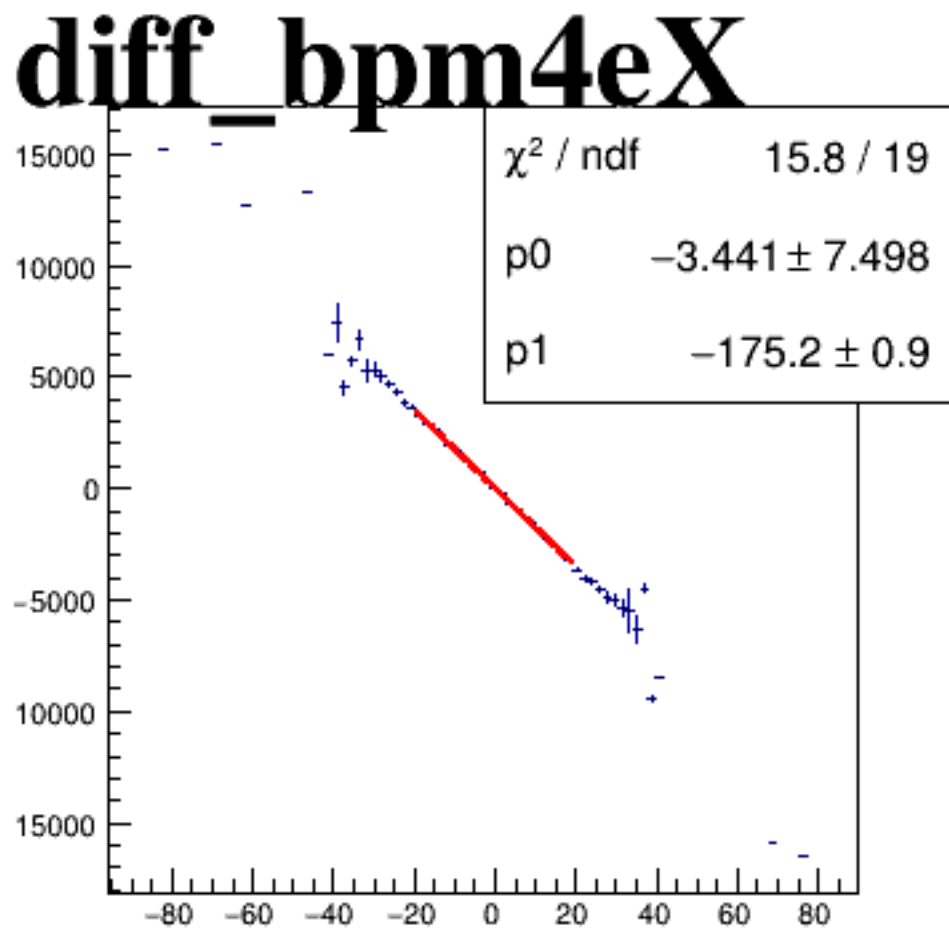
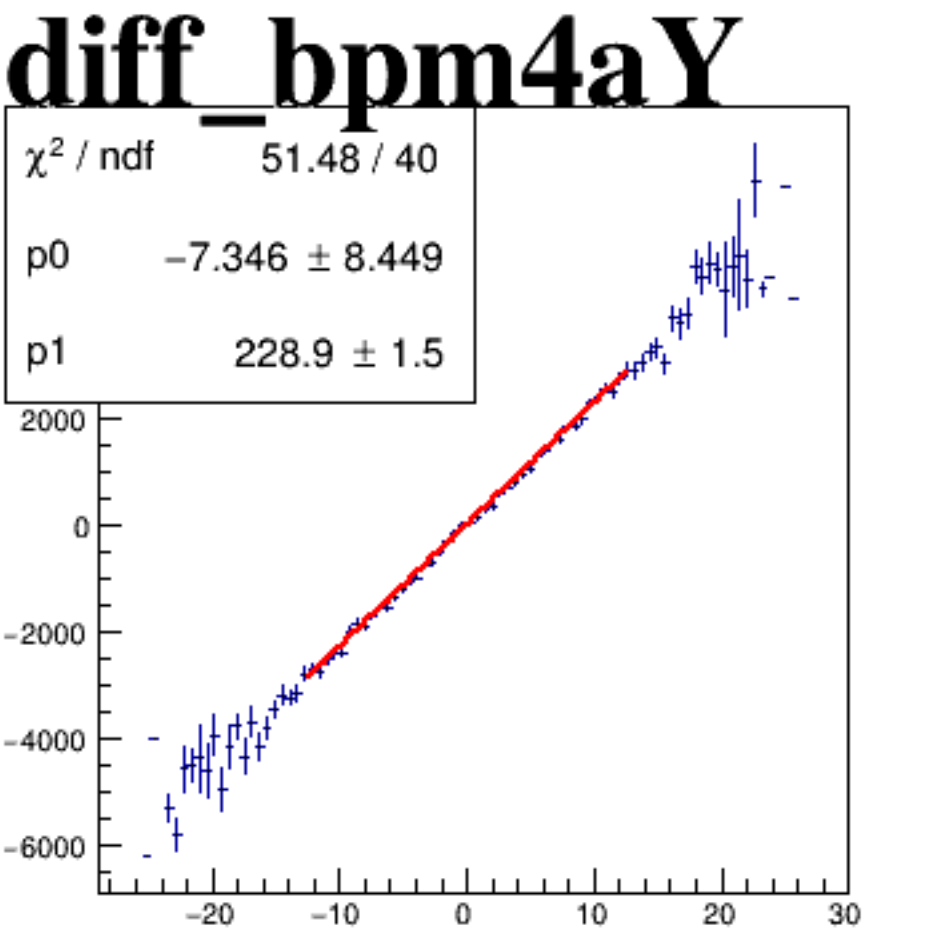
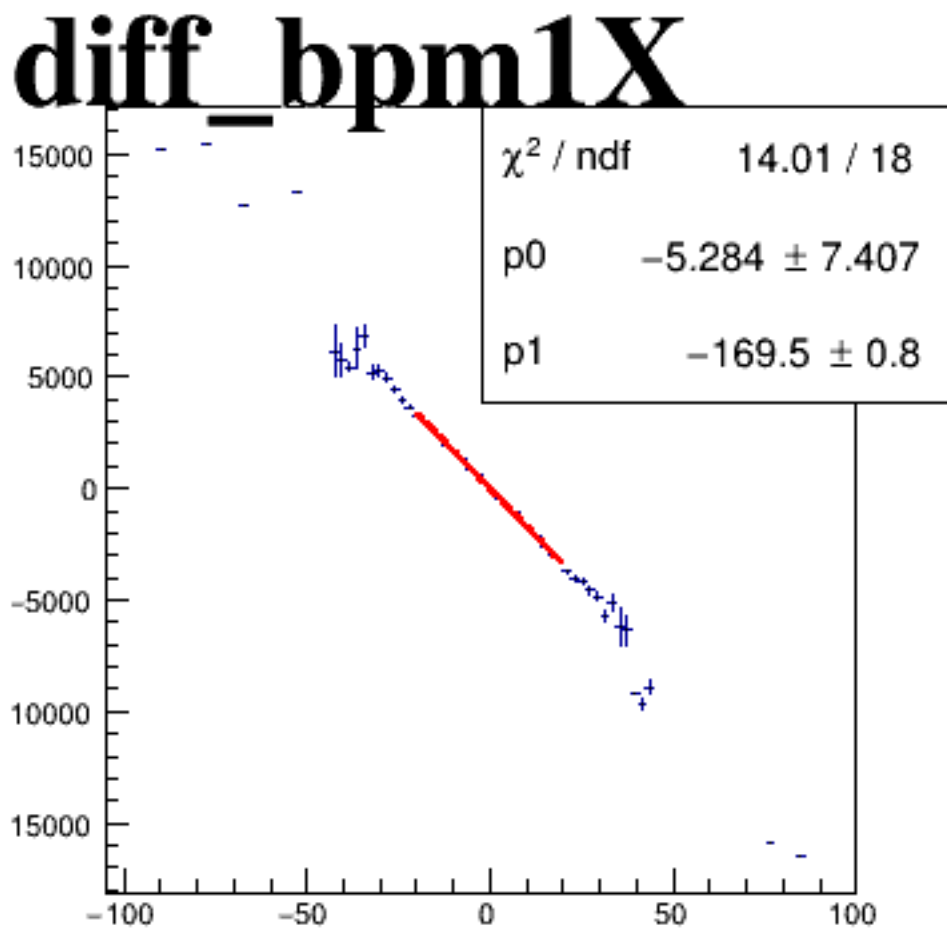
reg_asym_sam8



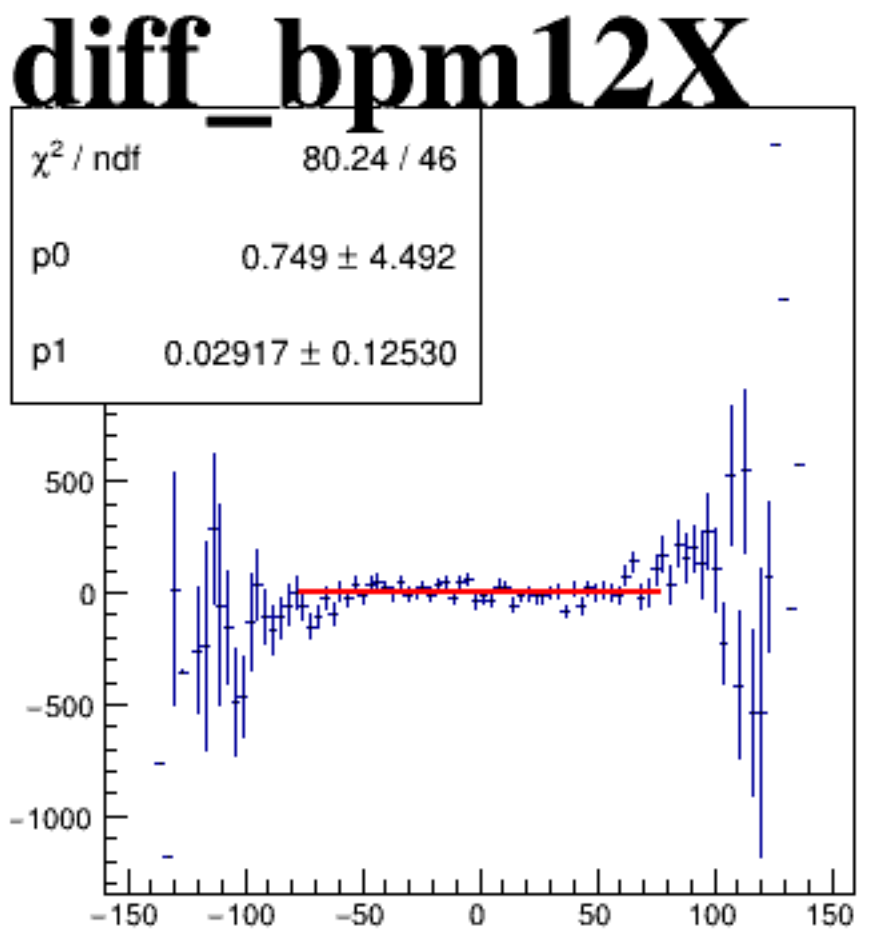
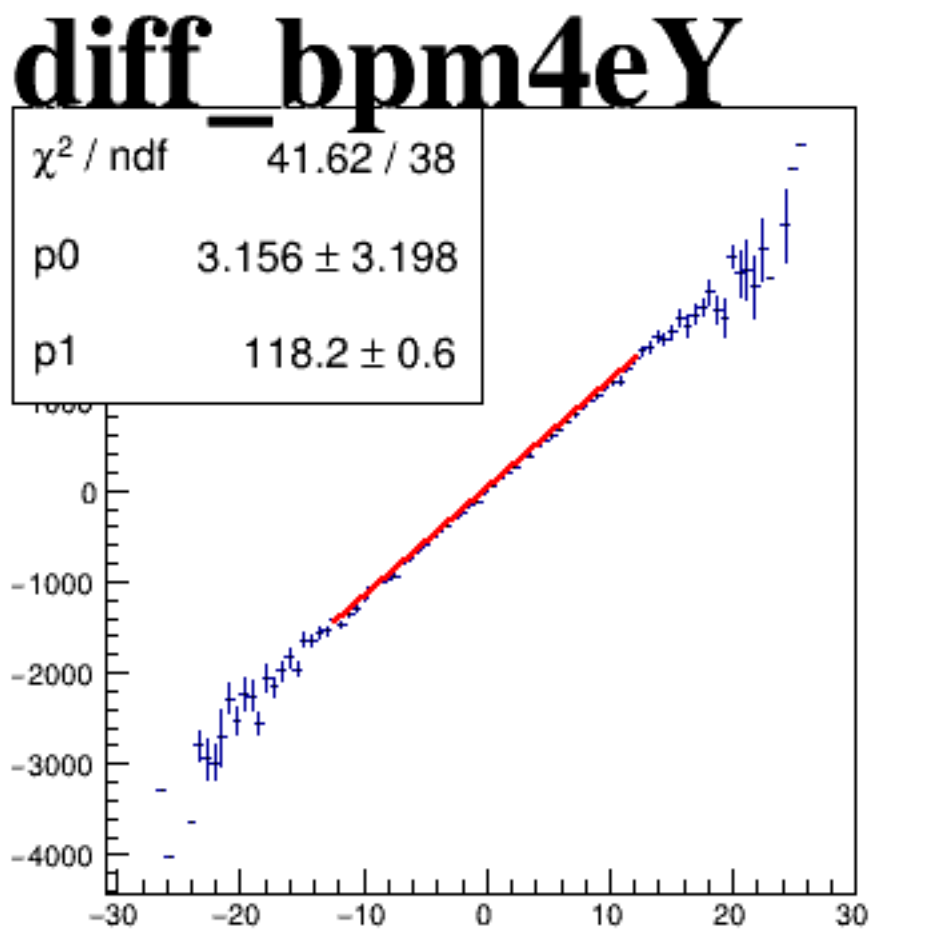
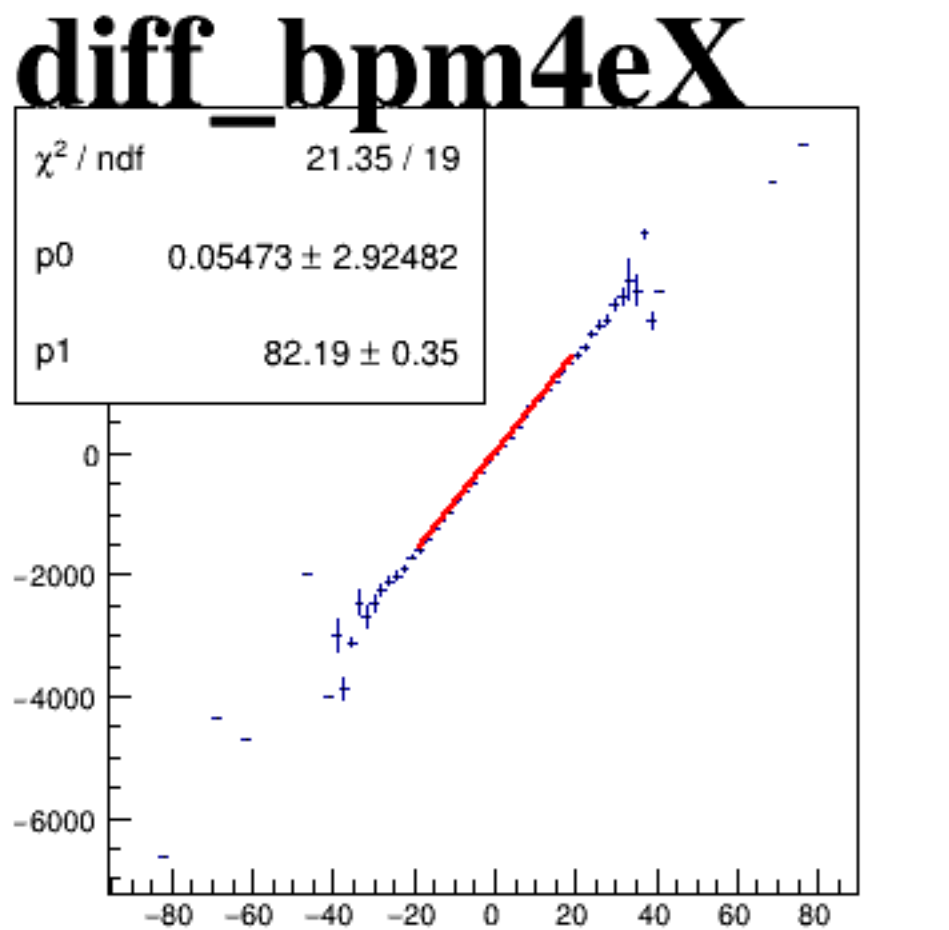
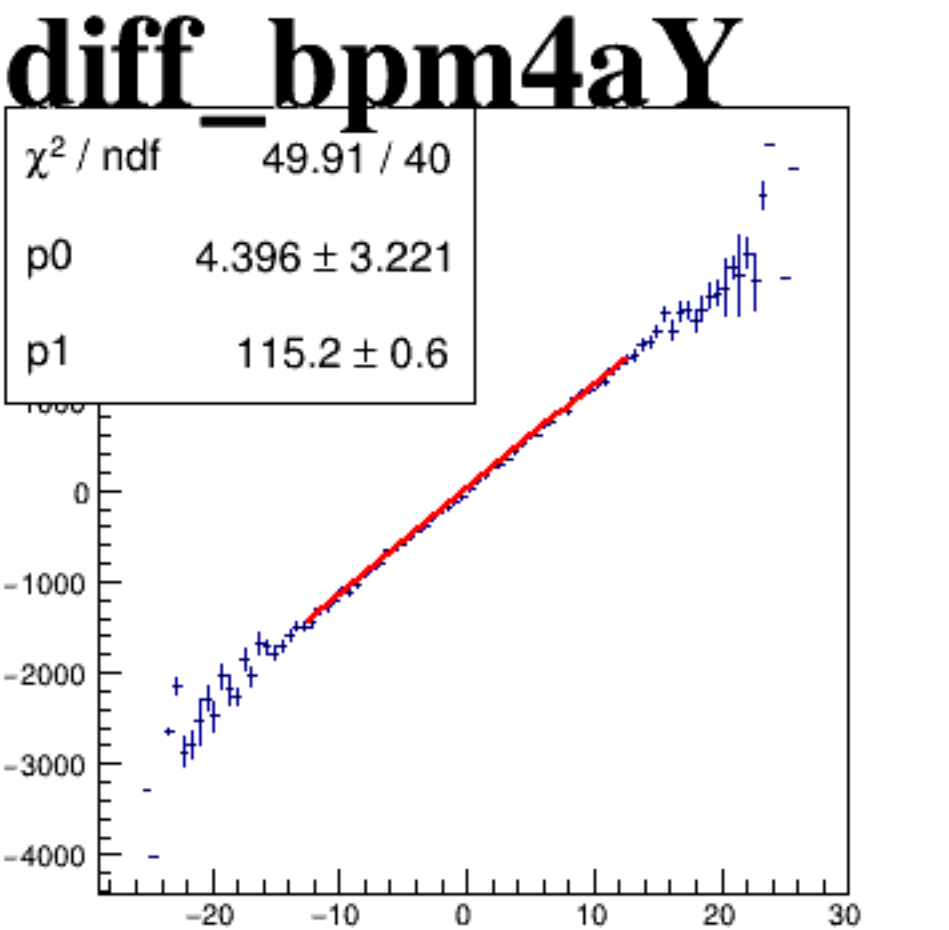
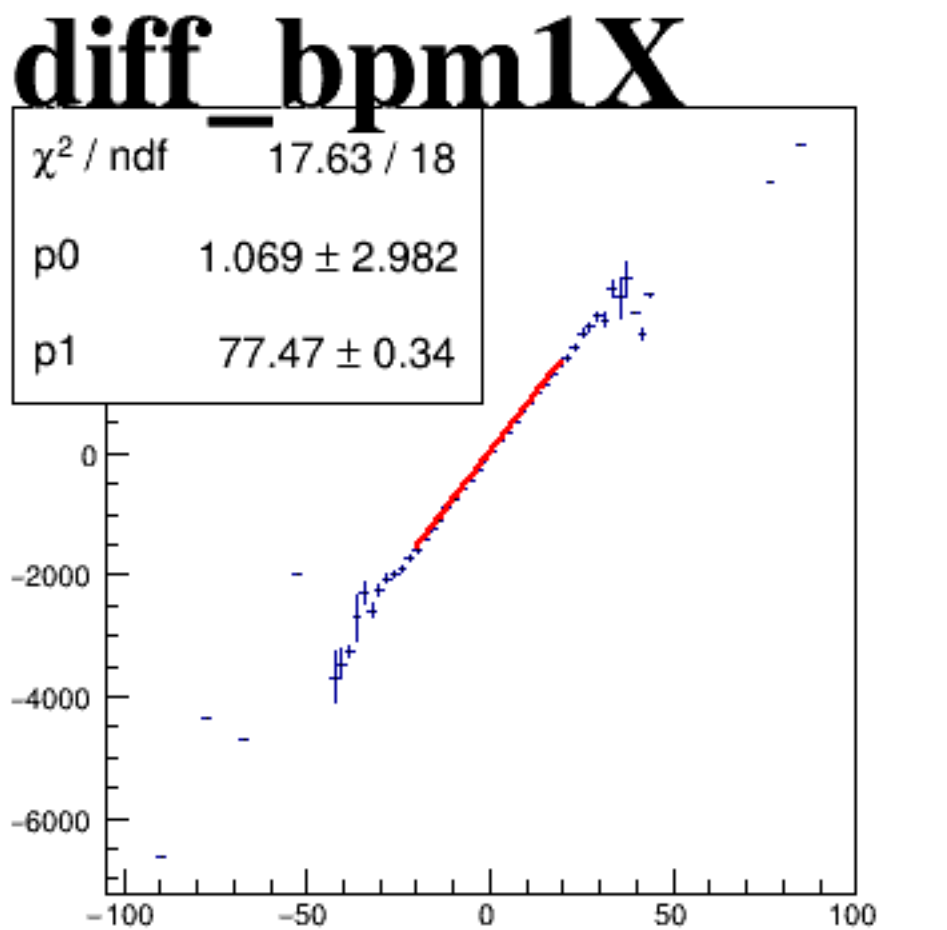
asym_sam2



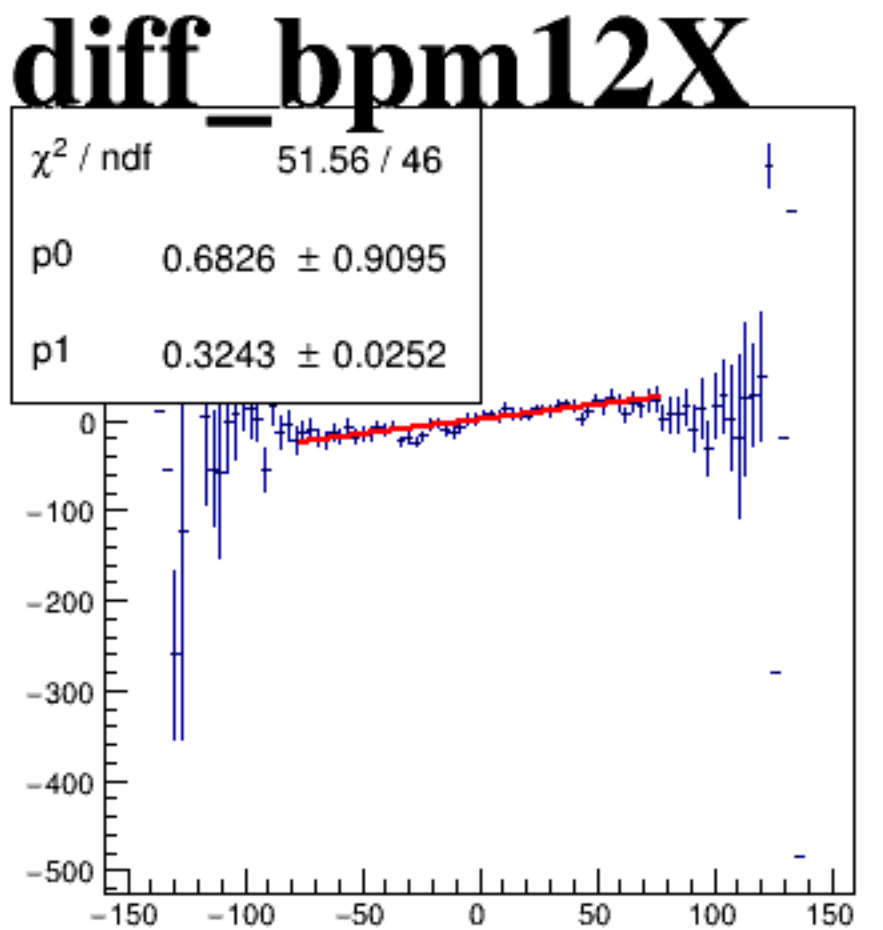
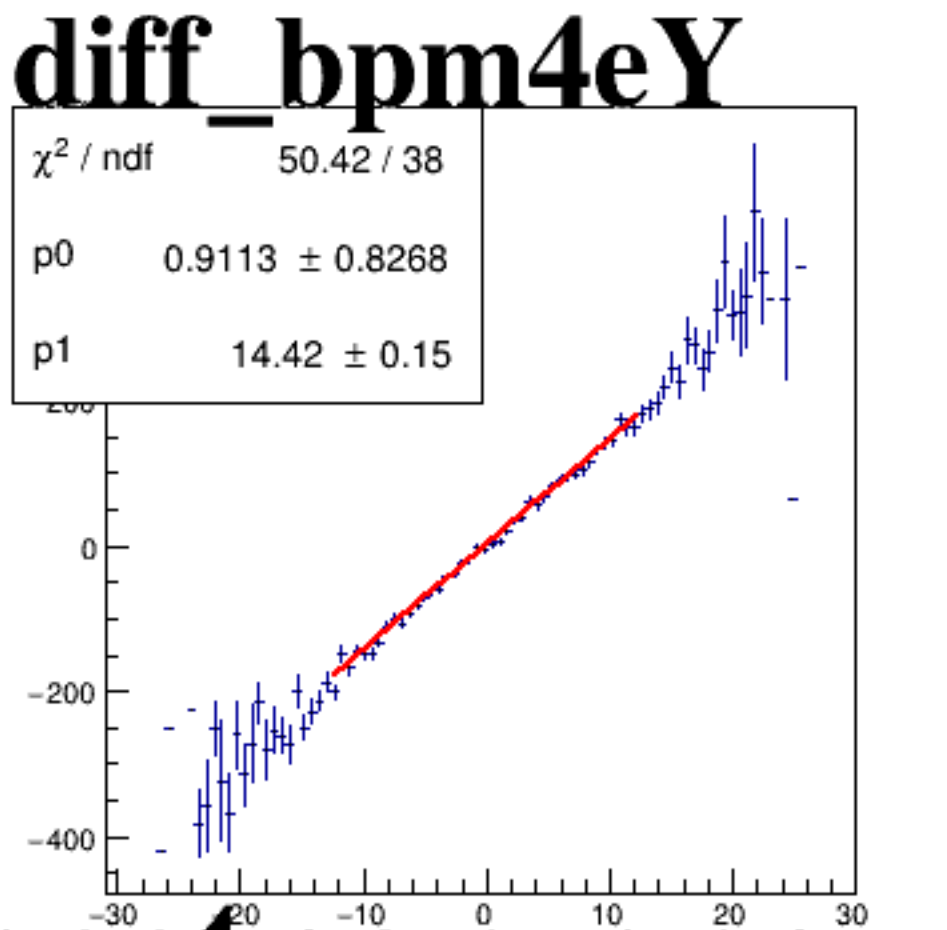
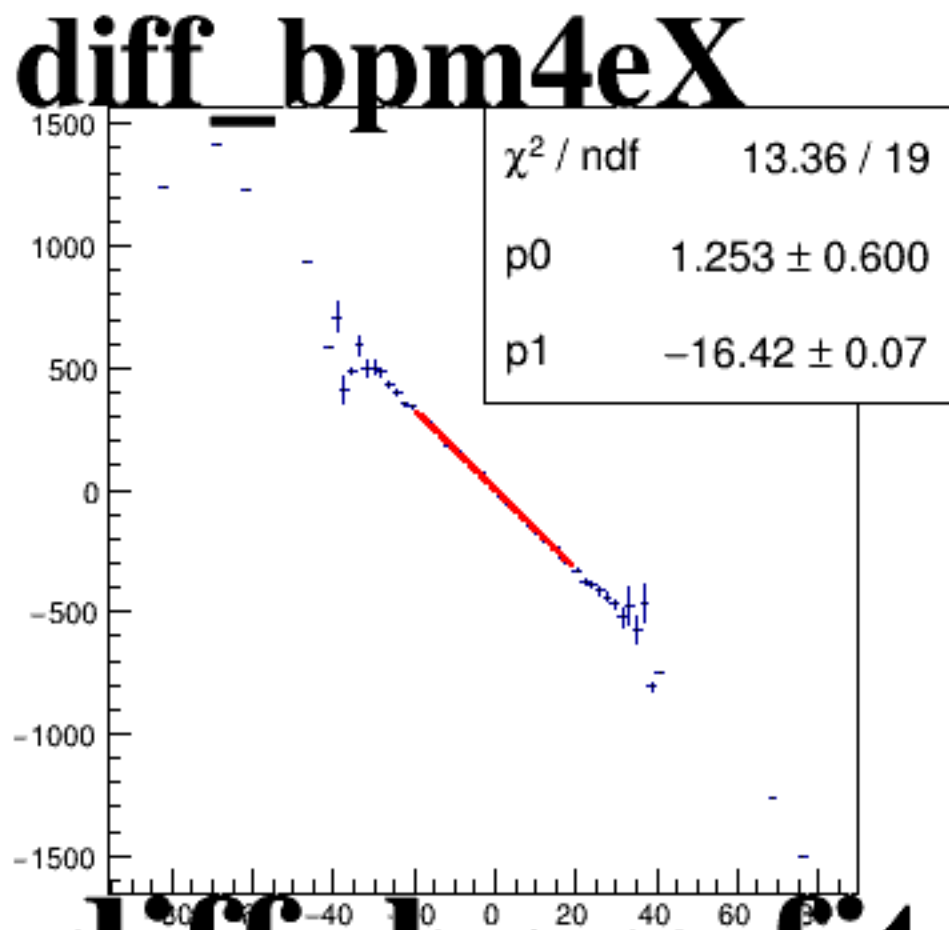
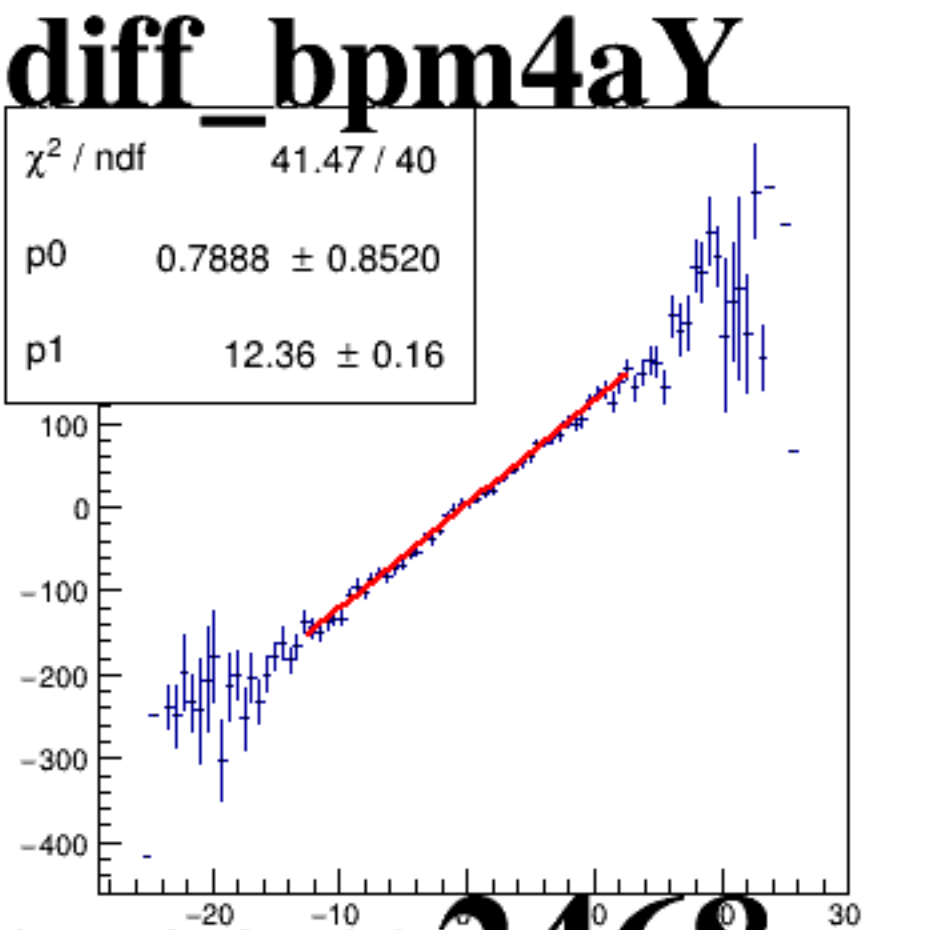
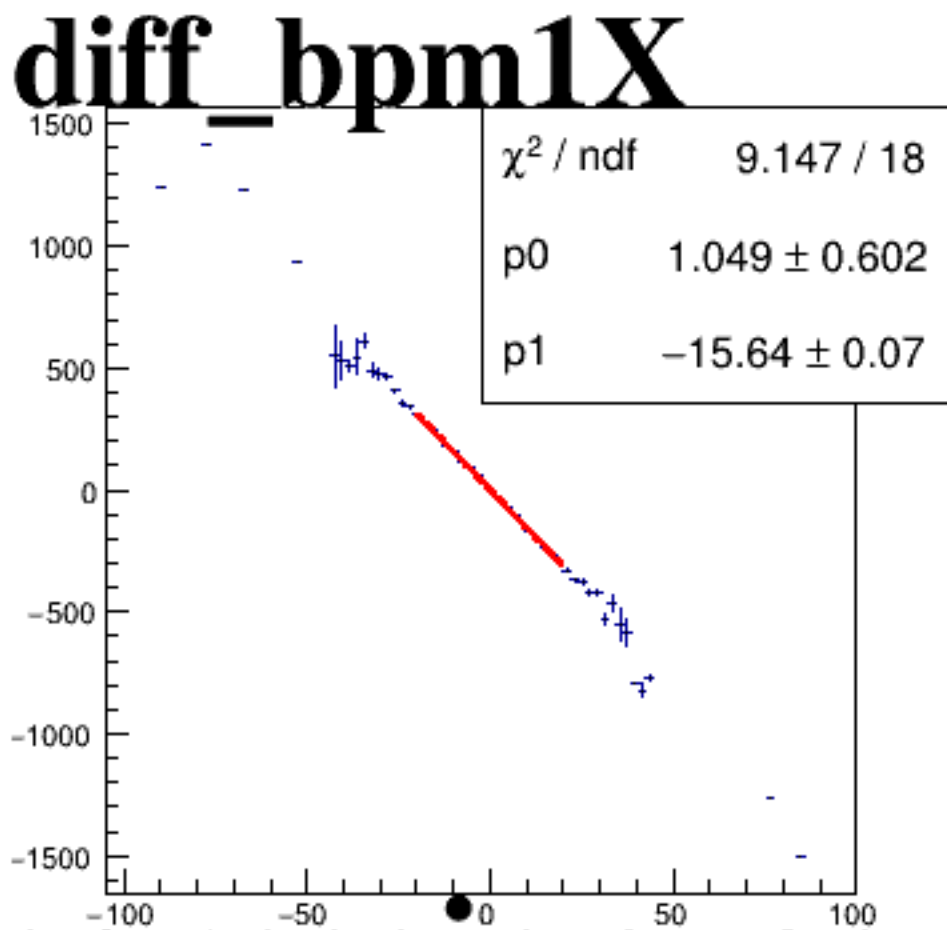
asym_sam4



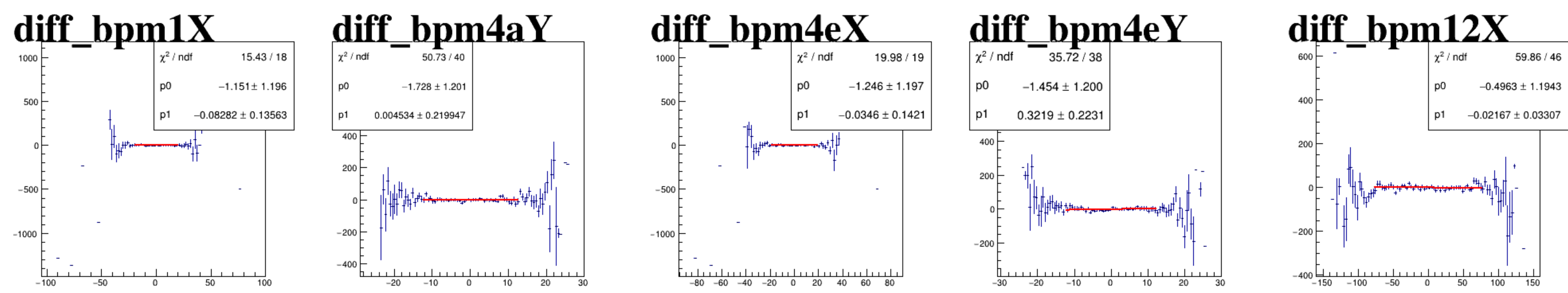
asym_sam6



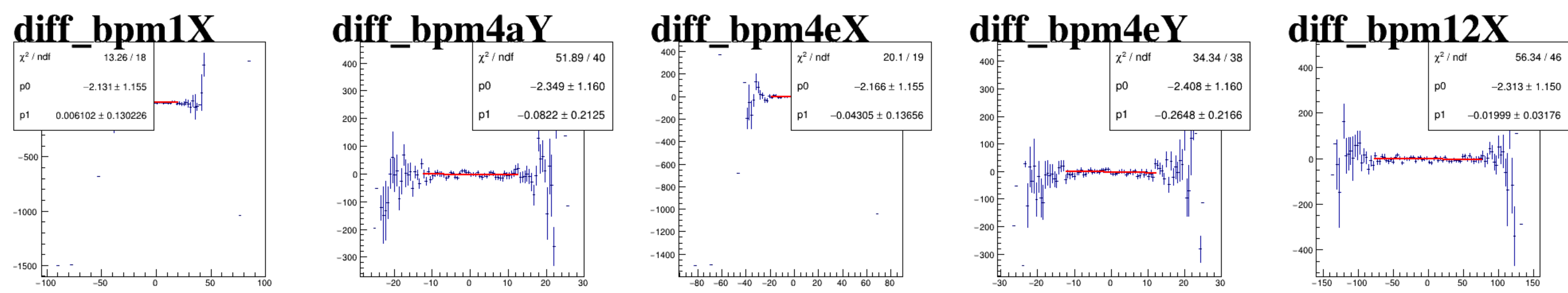
asym_sam8



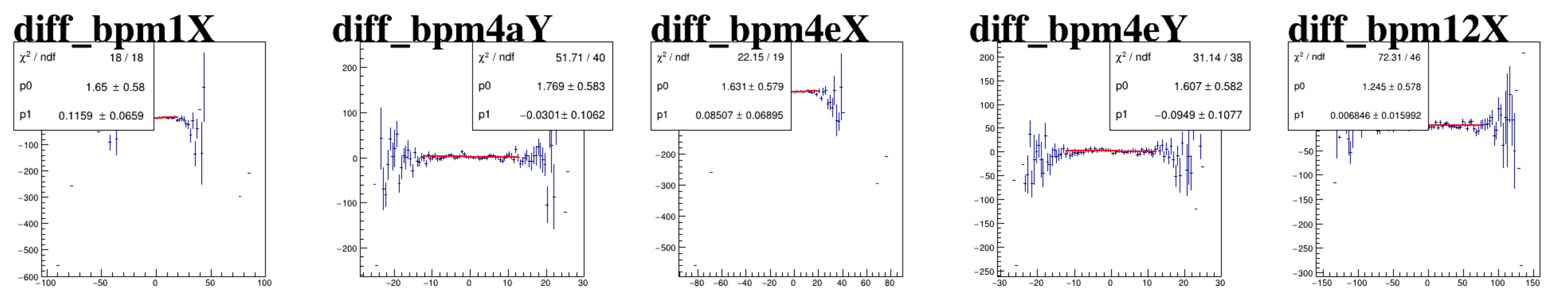
reg_asym_sam2



reg_asym_sam4



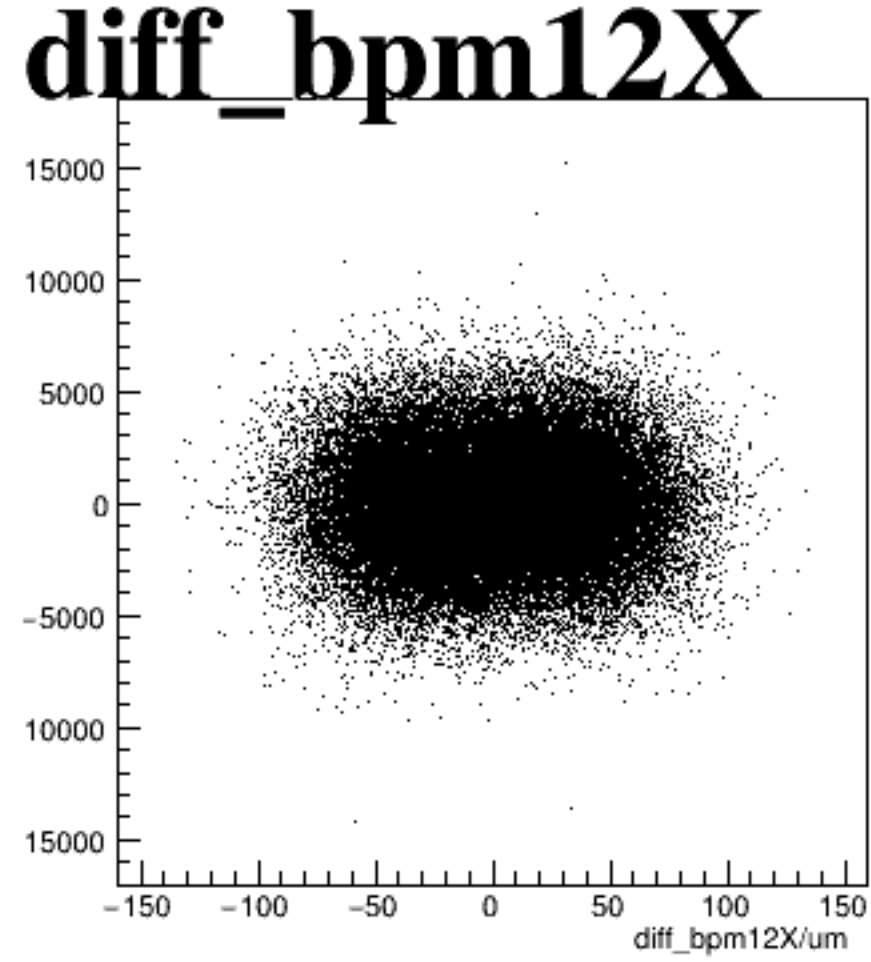
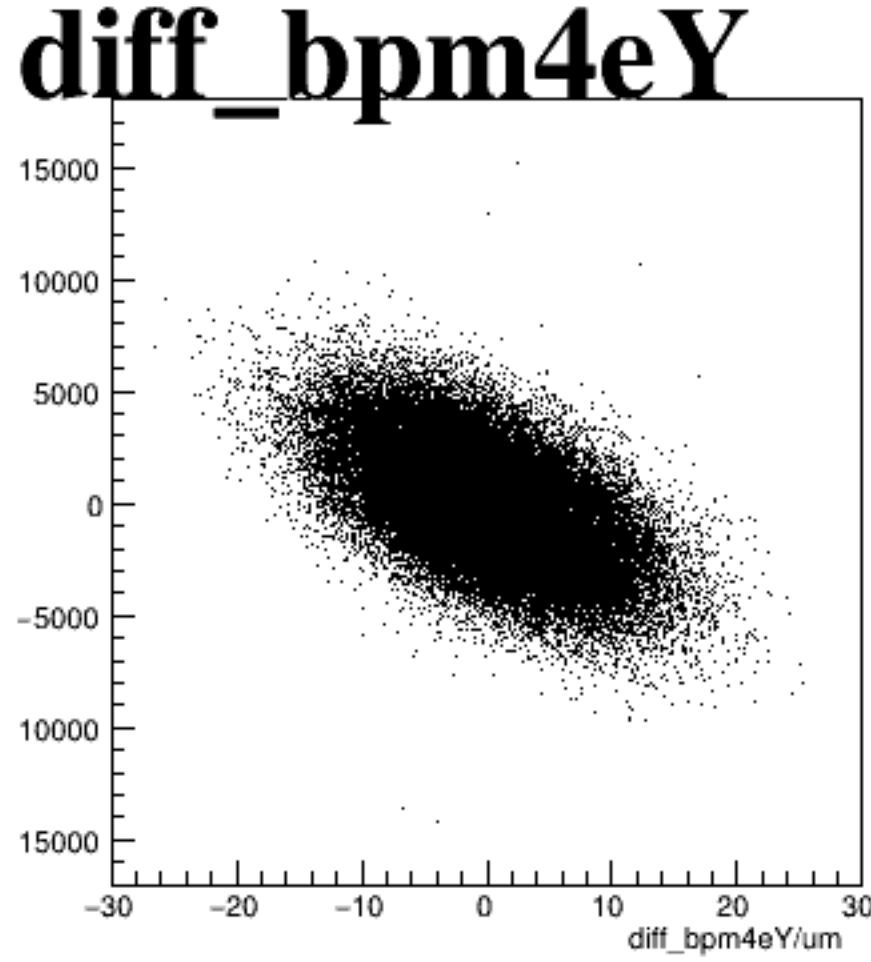
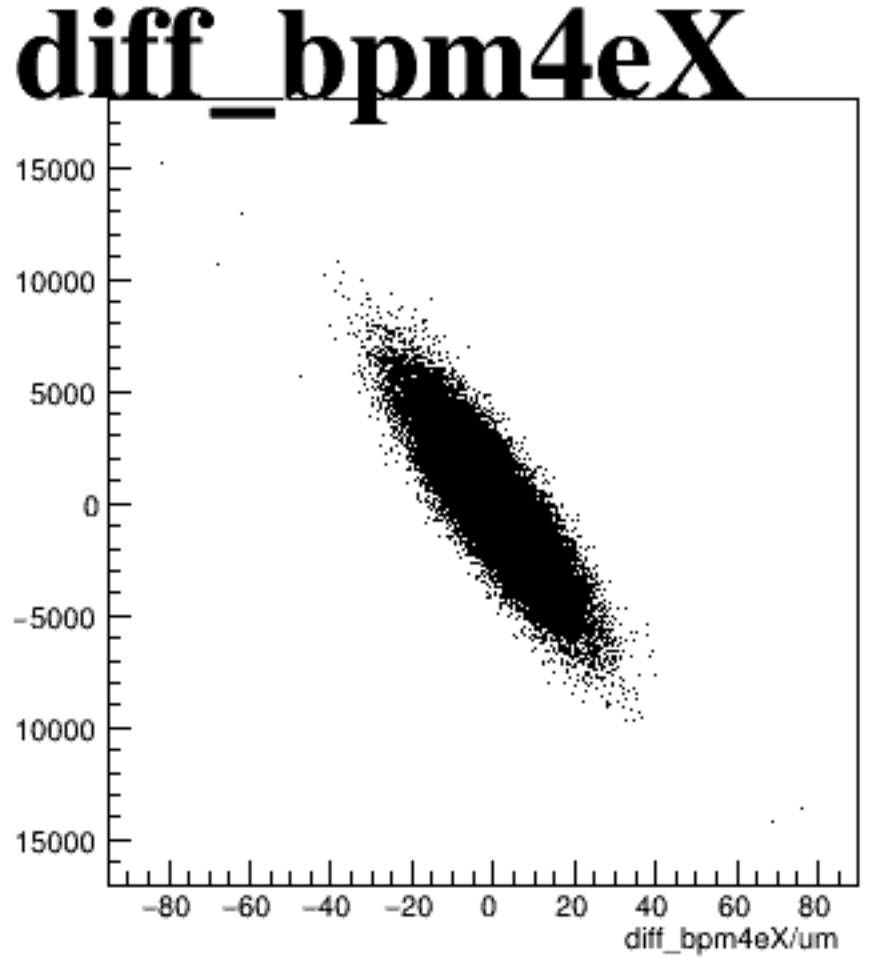
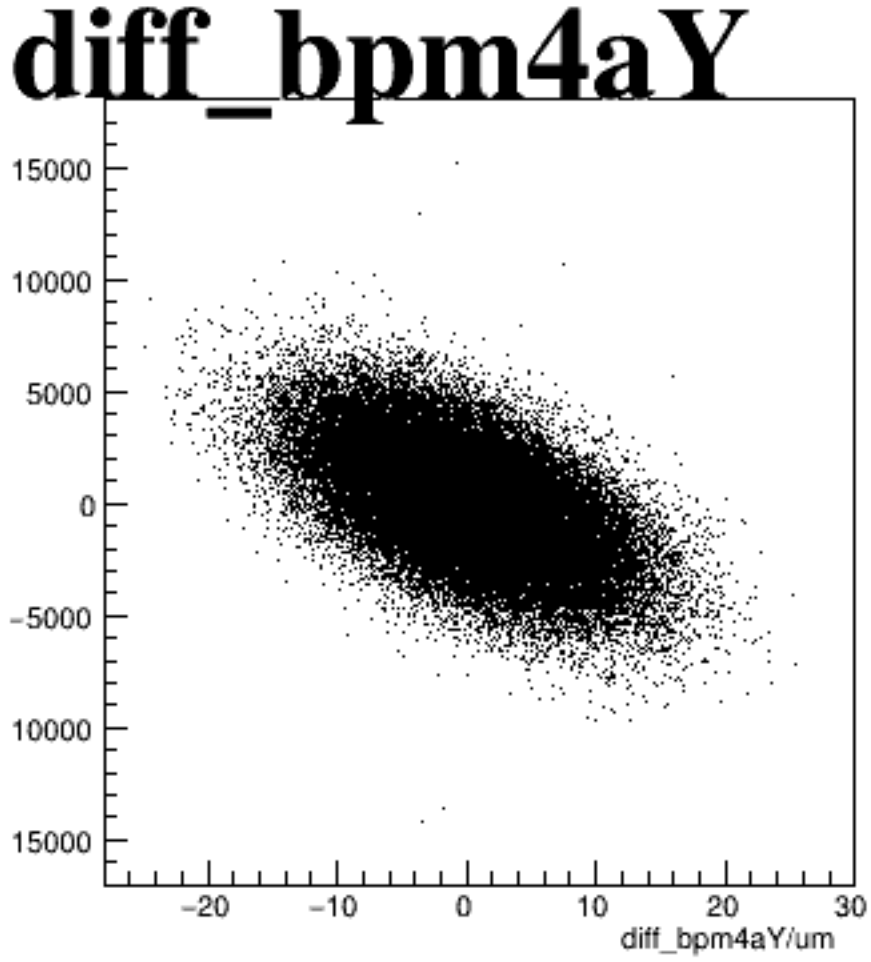
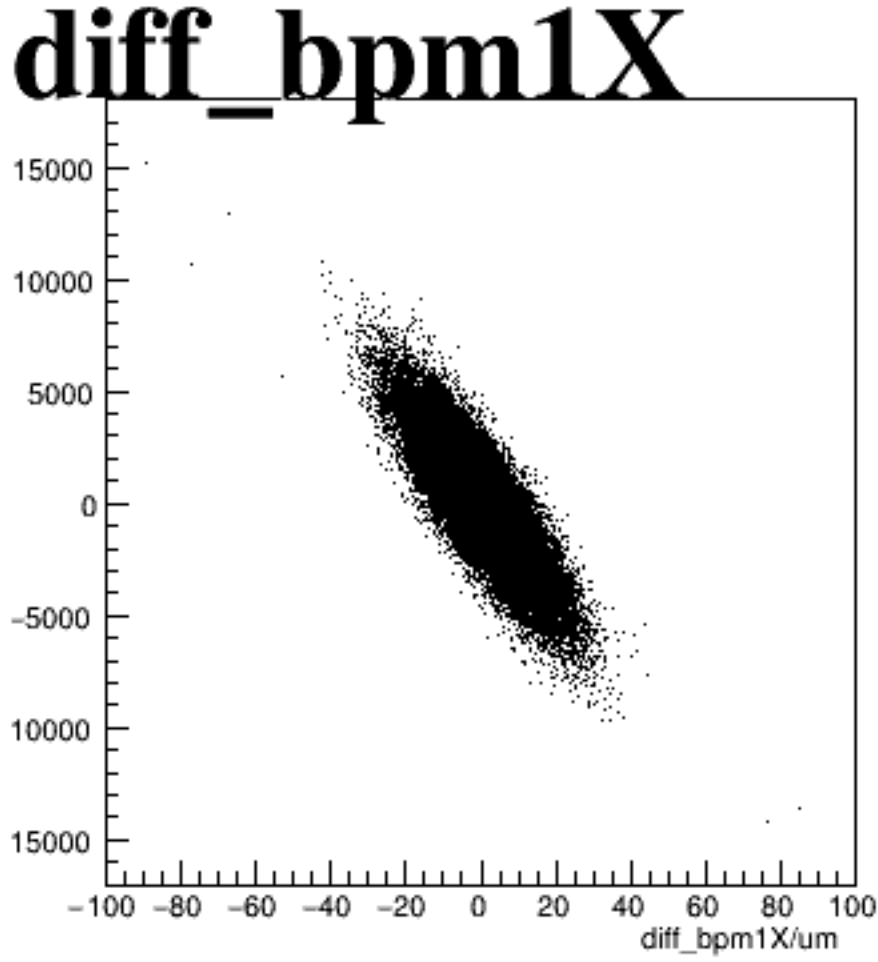
reg_asym_sam6



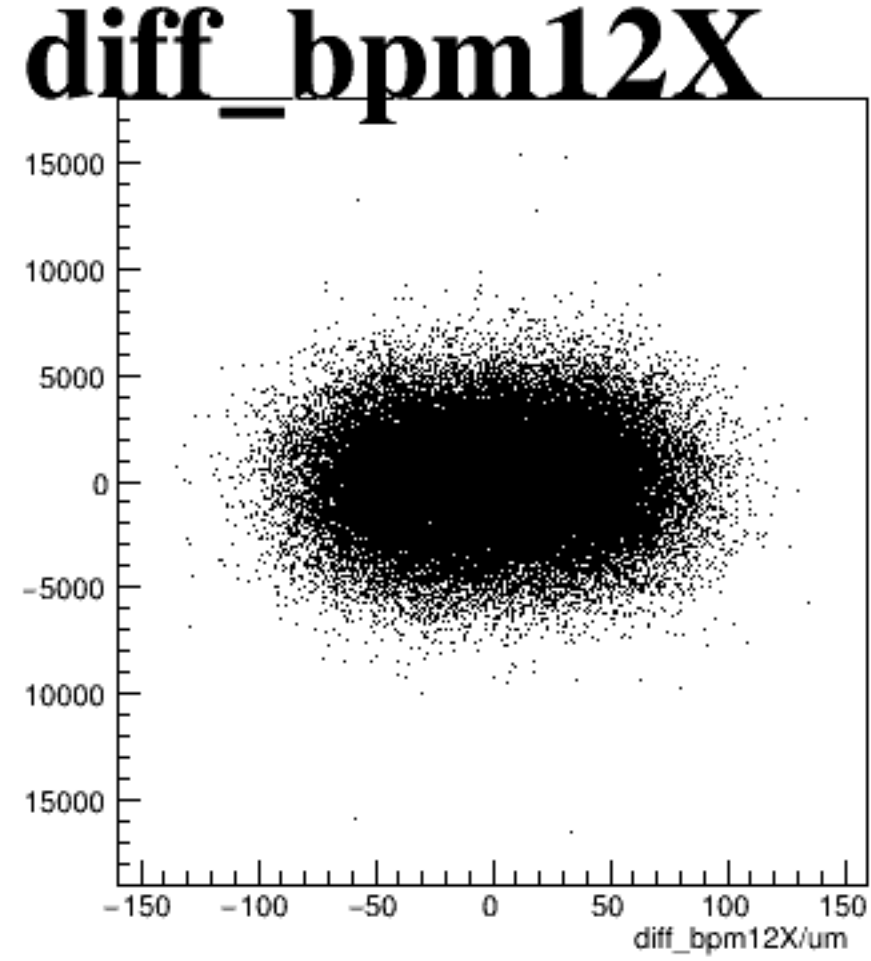
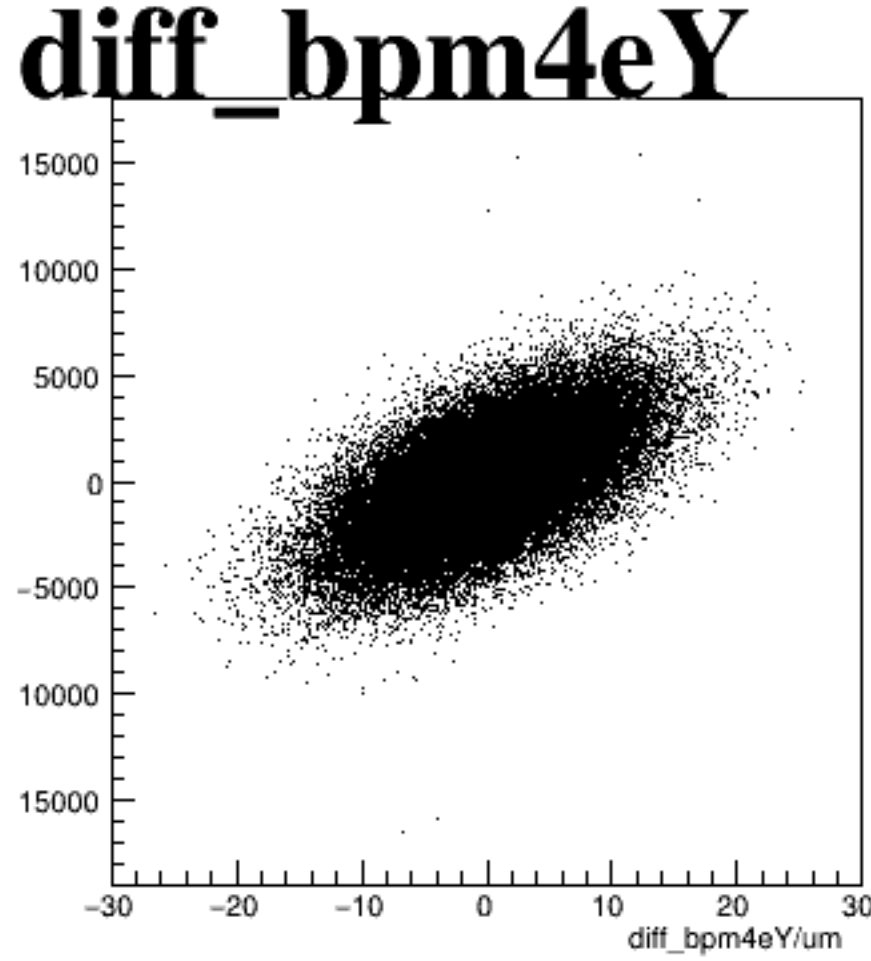
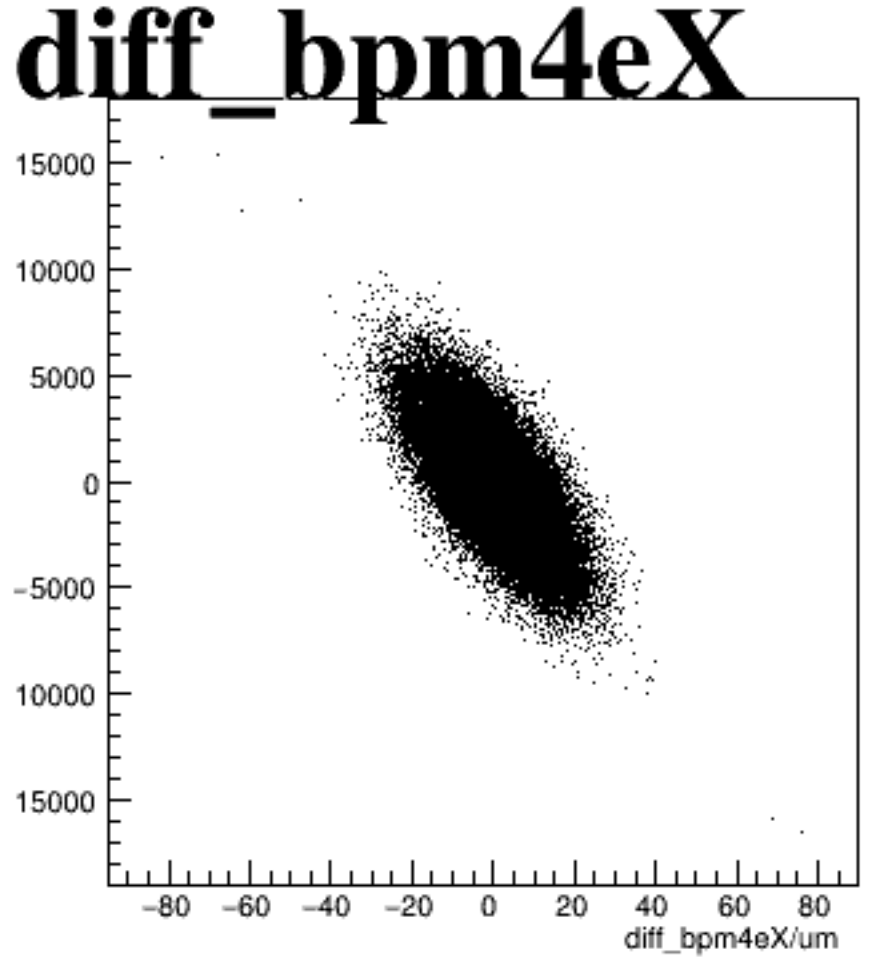
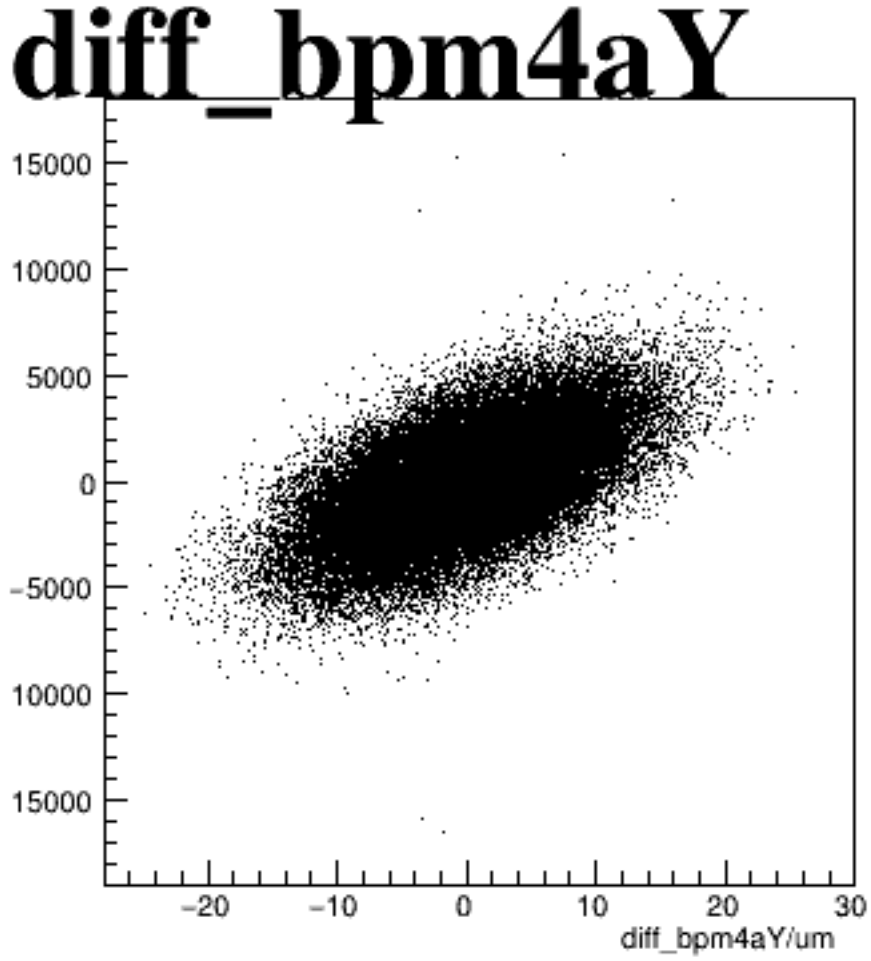
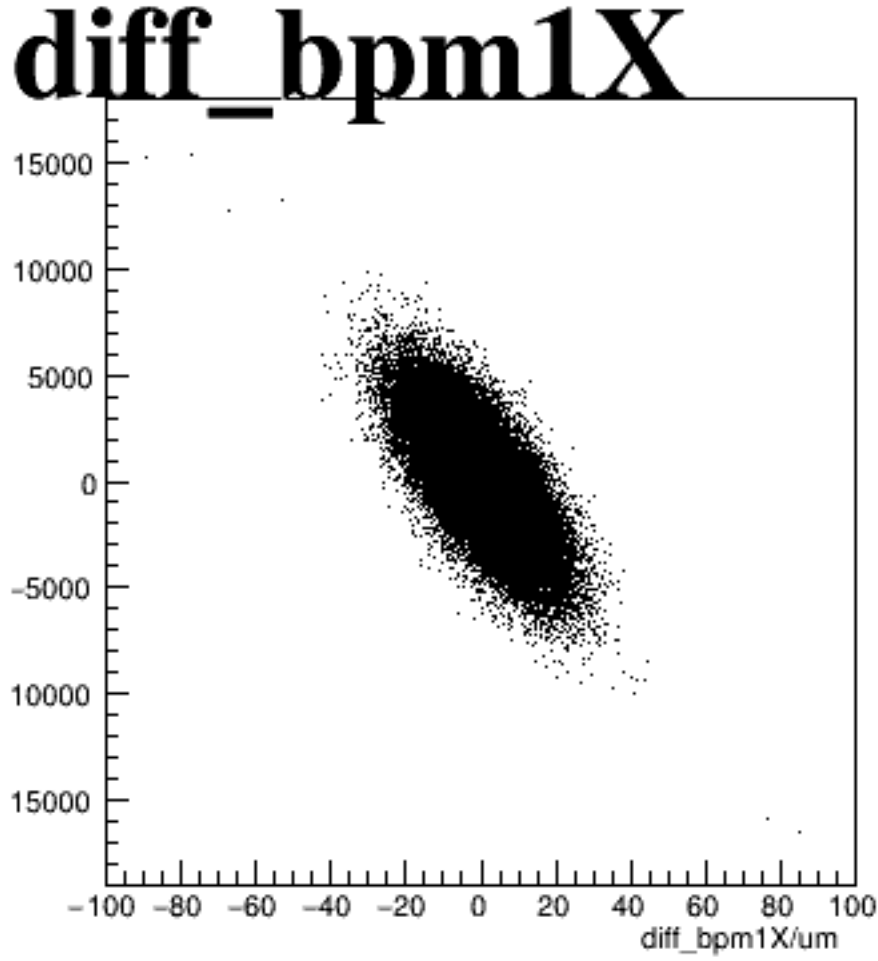
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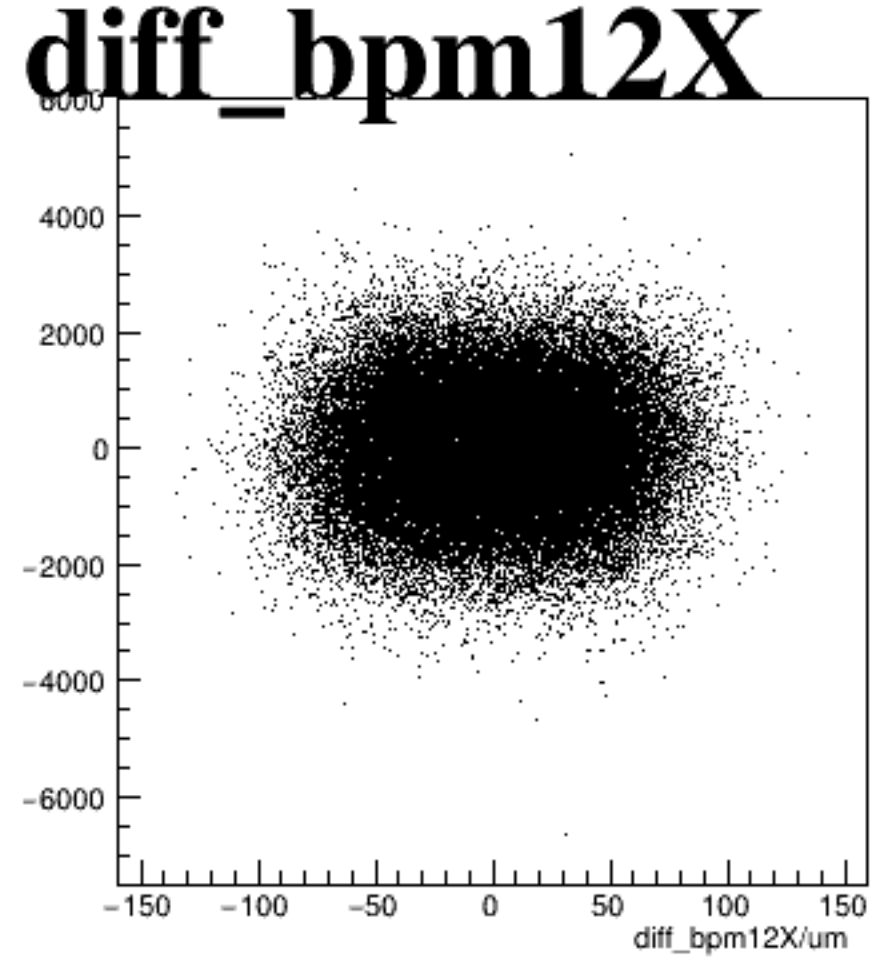
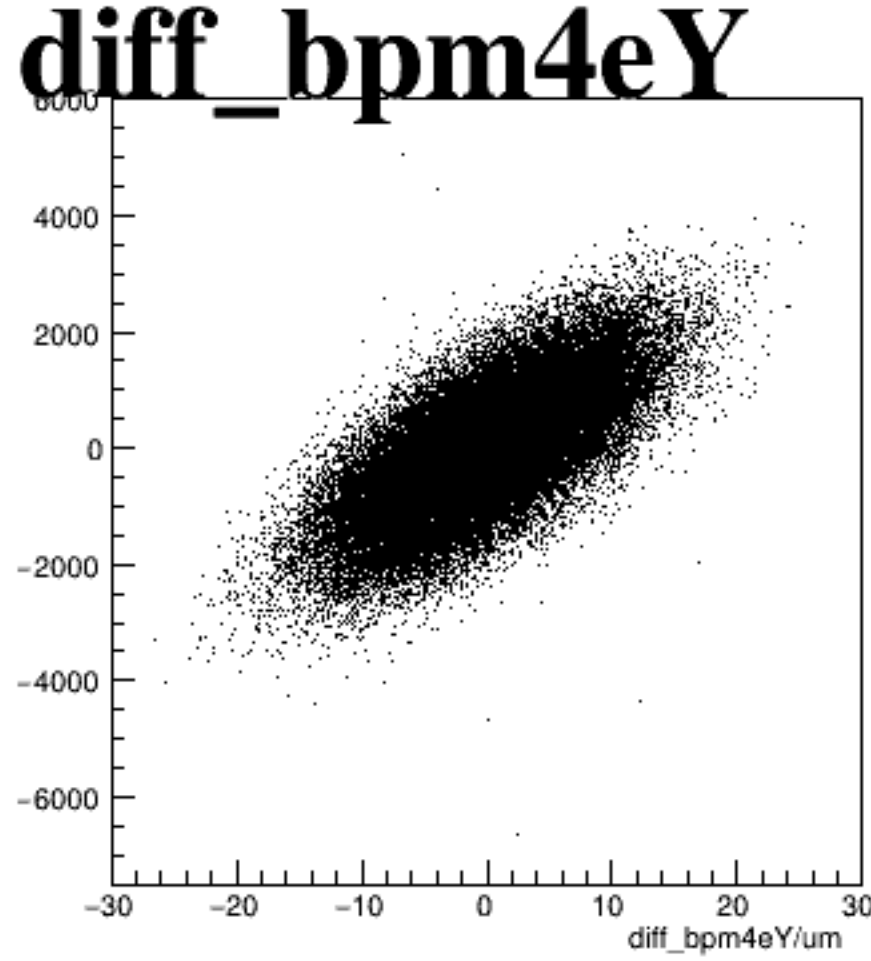
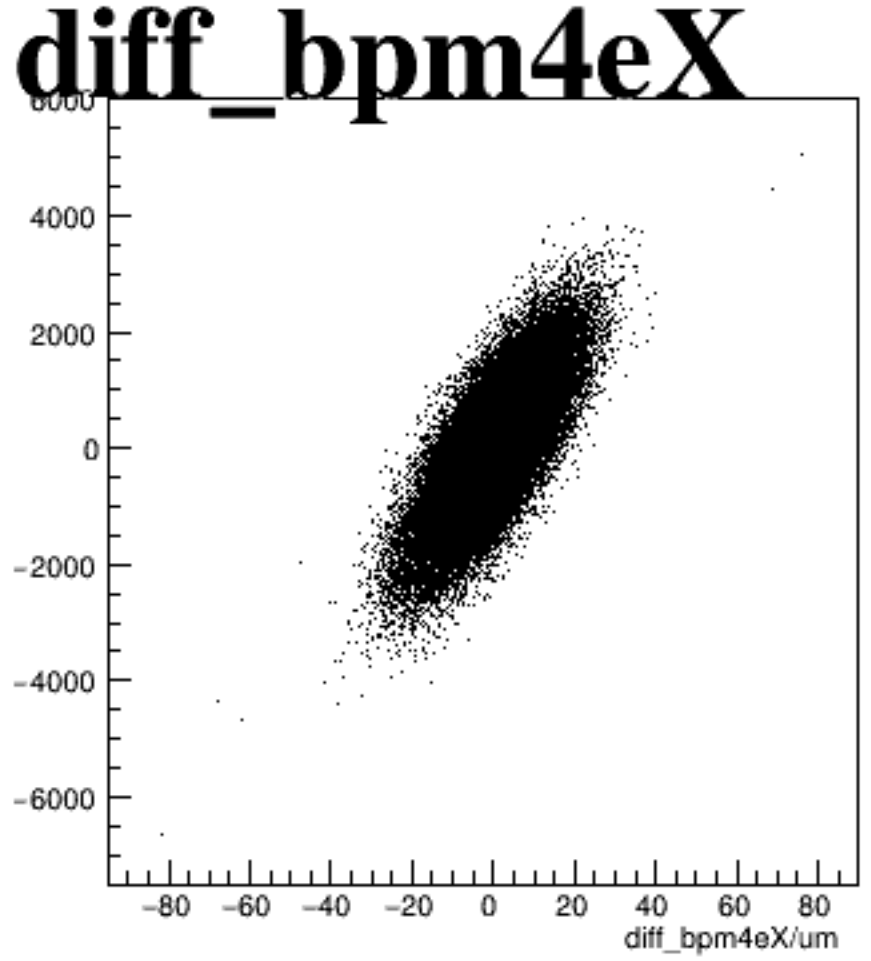
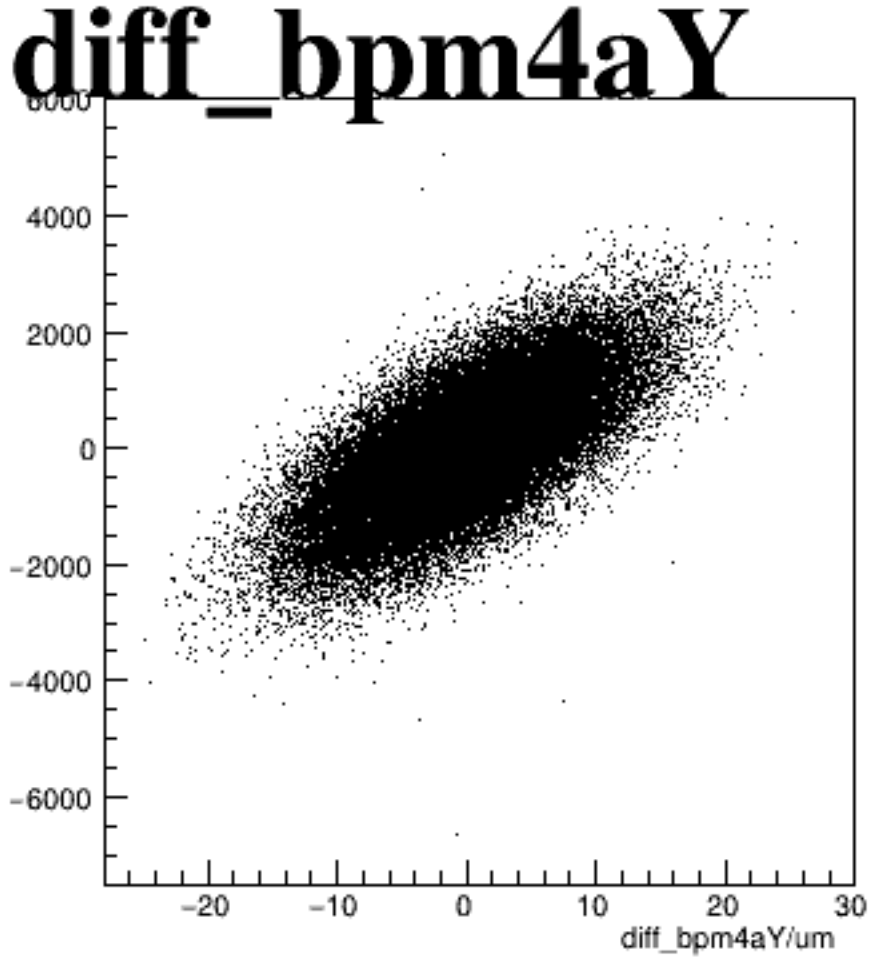
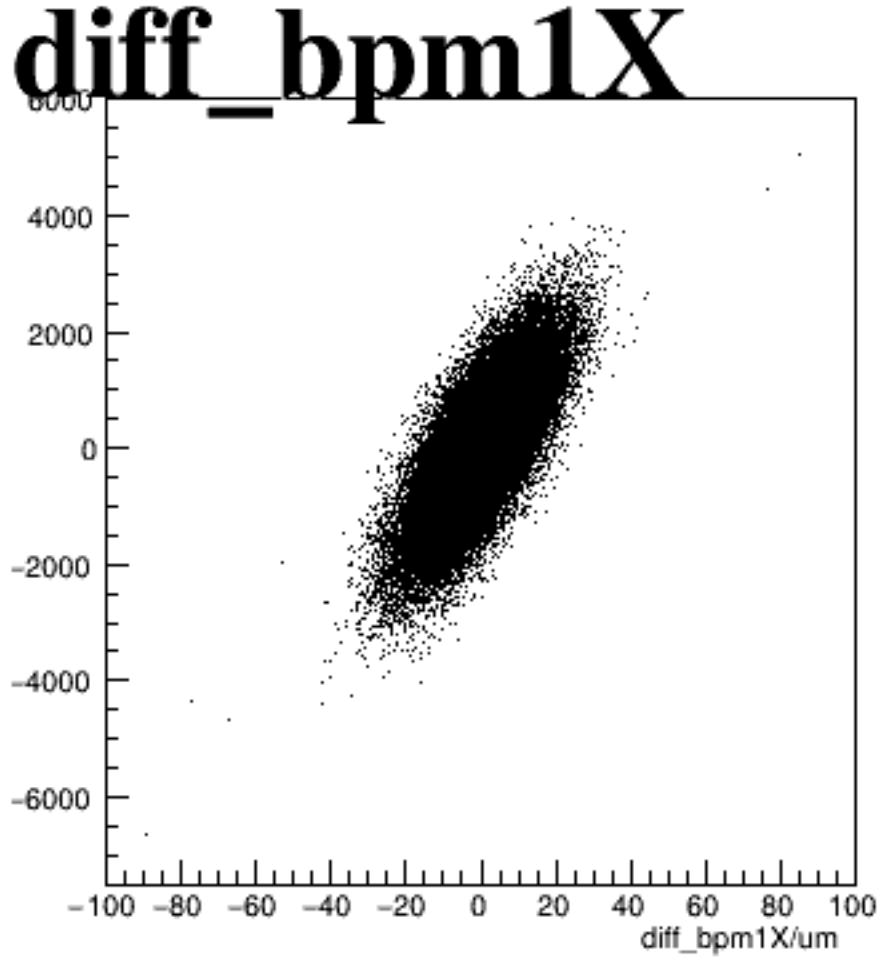
asym_sam2



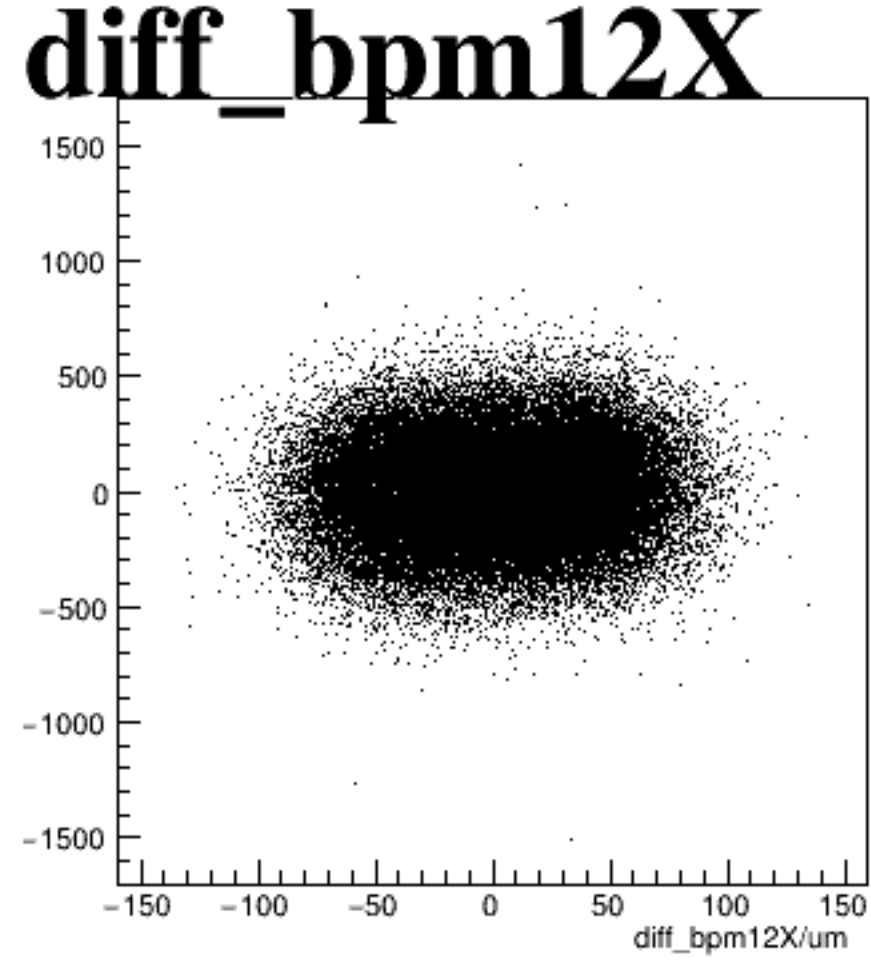
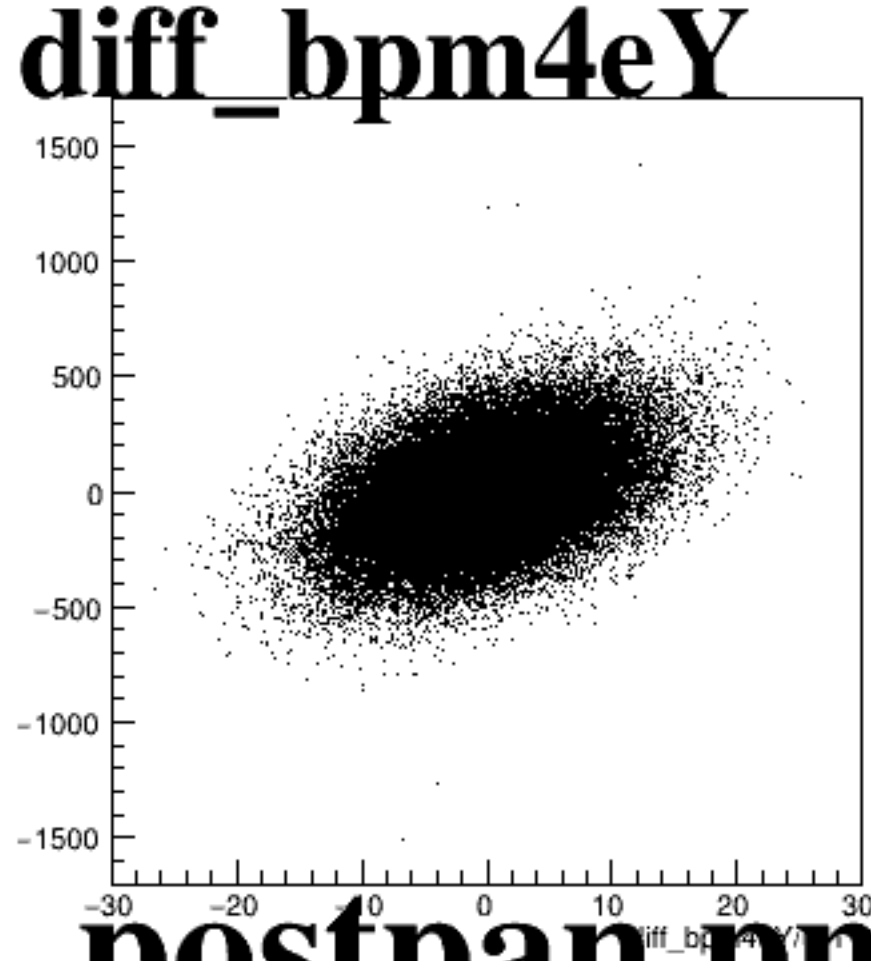
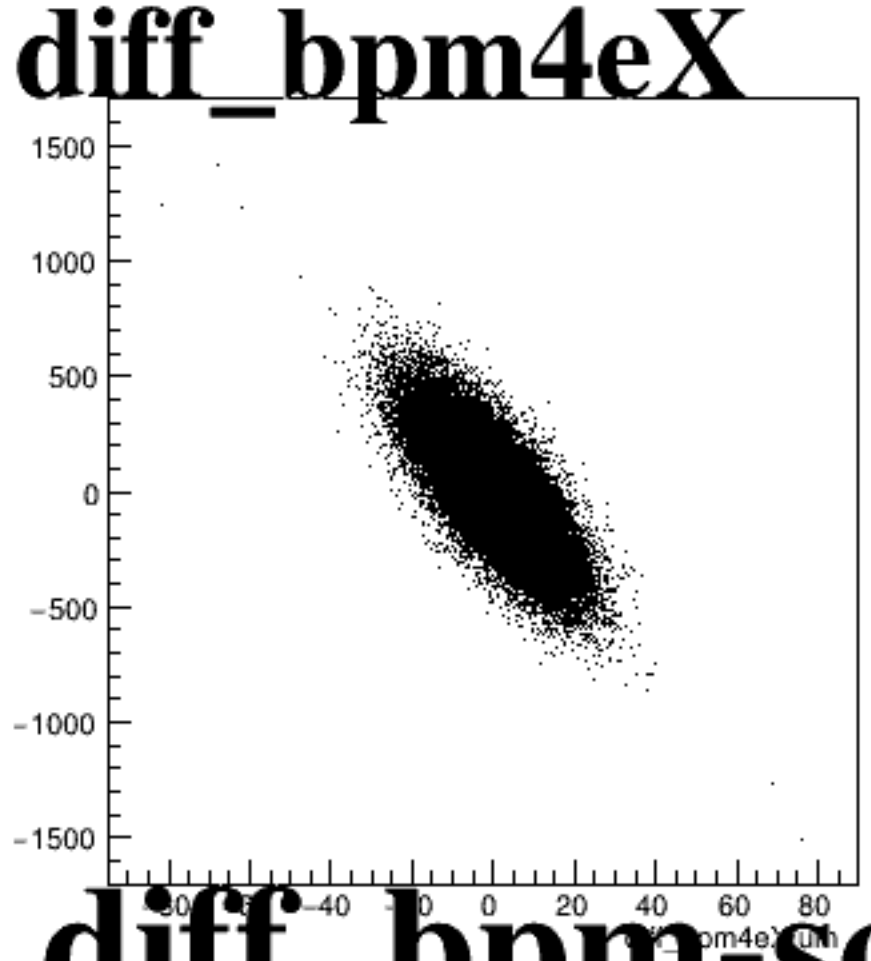
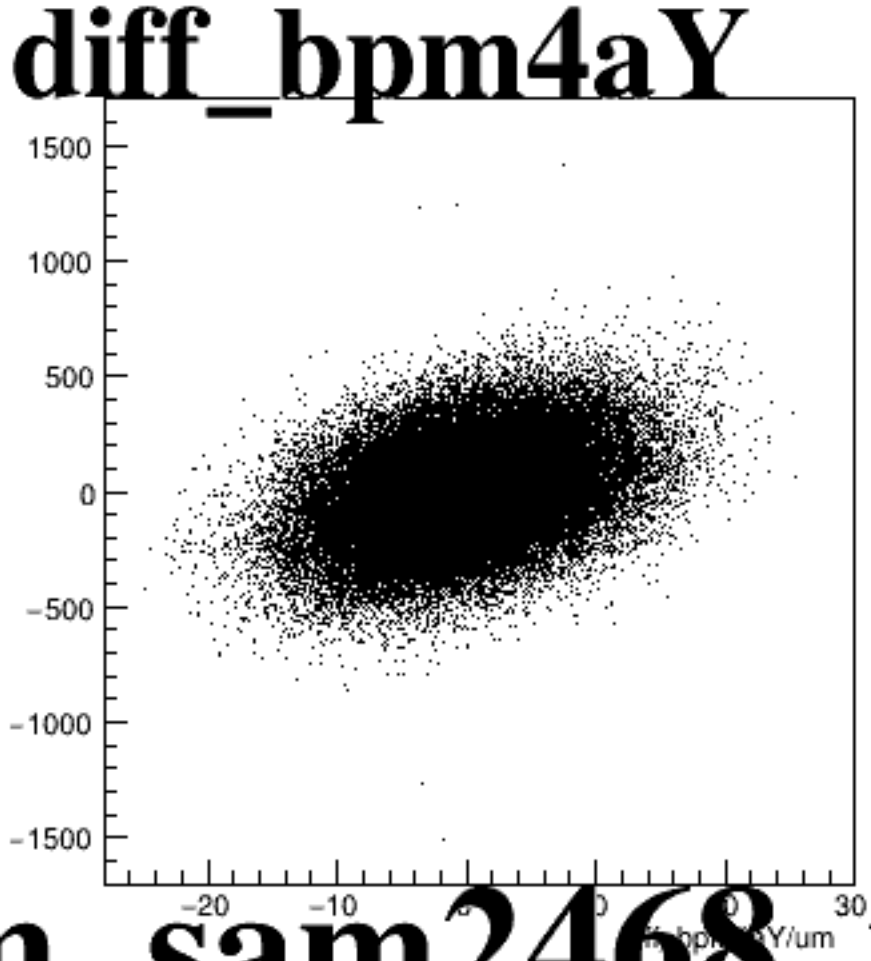
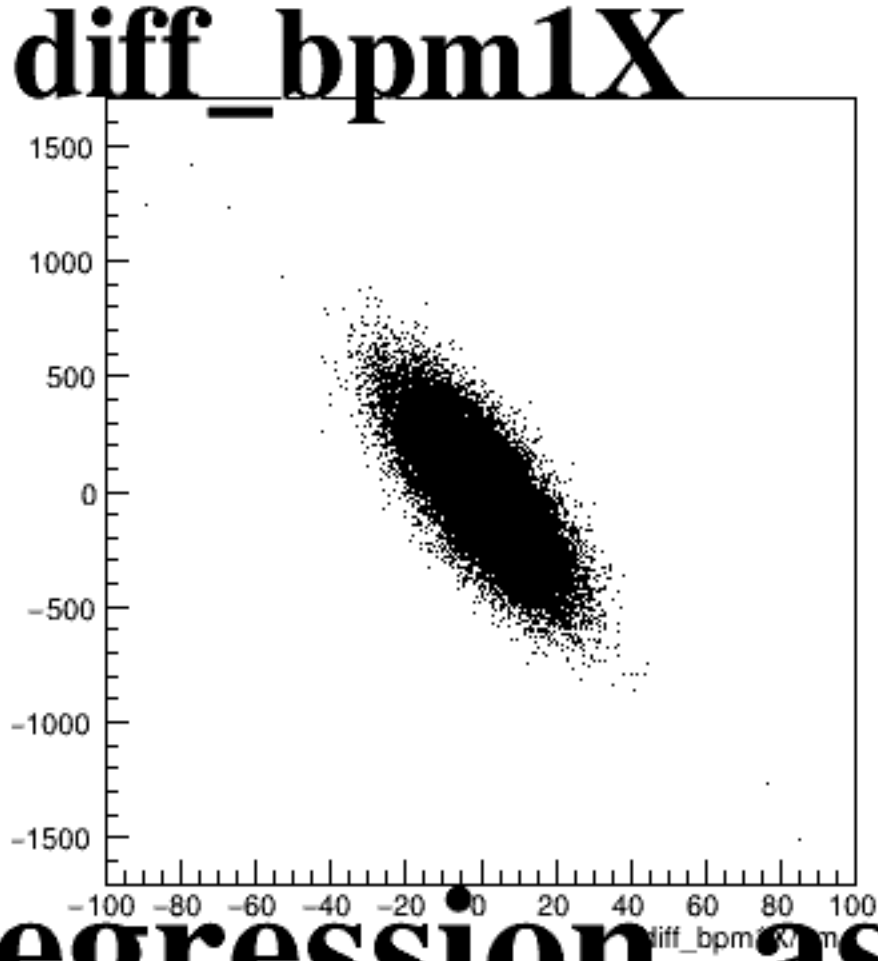
asym_sam4



asym_sam6



asym_sam8

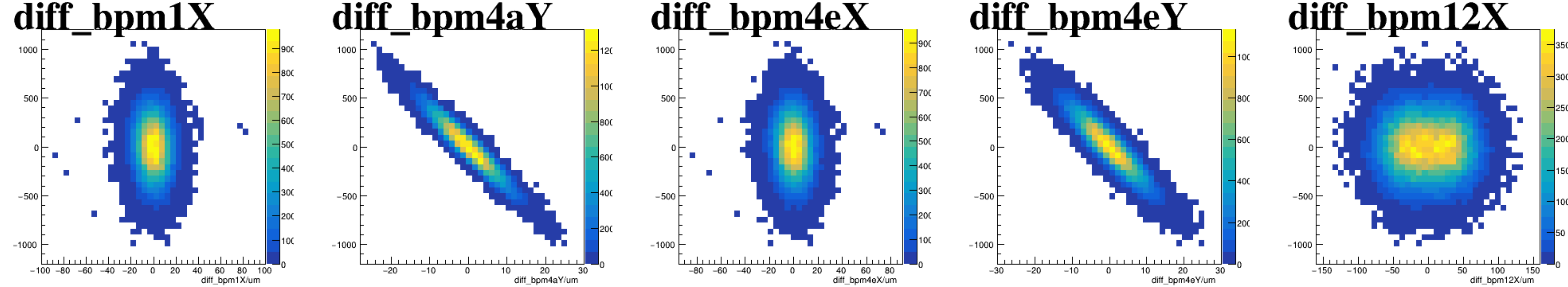


The figure displays five scatter plots, each representing the difference in beam position measurements (bpm) for a specific beam size and position. The plots are arranged horizontally and labeled as follows:

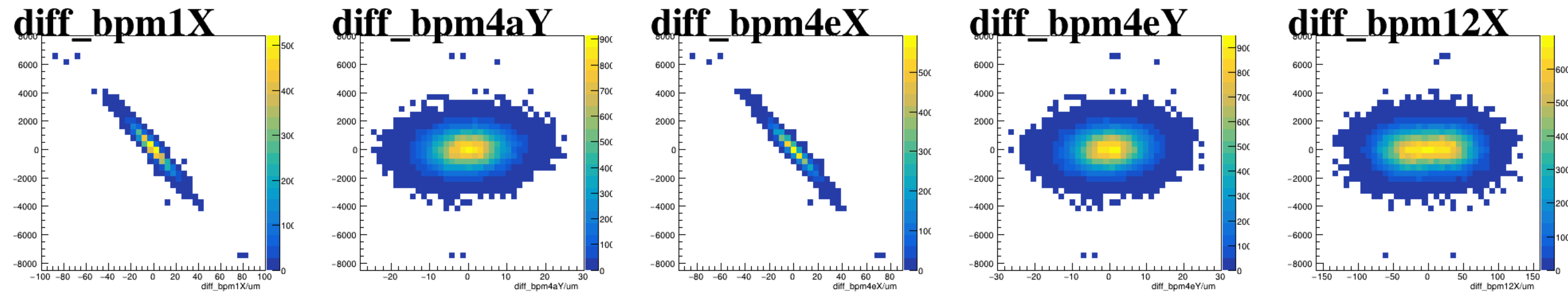
- diff_bpm1X**: Shows the difference in beam position measurements for a beam size of 1X. The x-axis ranges from -100 to 100, and the y-axis ranges from -1500 to 1000.
- diff_bpm4aY**: Shows the difference in beam position measurements for a beam size of 4aY. The x-axis ranges from -20 to 30, and the y-axis ranges from -1500 to 1000.
- diff_bpm4eX**: Shows the difference in beam position measurements for a beam size of 4eX. The x-axis ranges from -80 to 80, and the y-axis ranges from -1500 to 1000.
- diff_bpm4eY**: Shows the difference in beam position measurements for a beam size of 4eY. The x-axis ranges from -30 to 30, and the y-axis ranges from -1500 to 1000.
- diff_bpm12X**: Shows the difference in beam position measurements for a beam size of 12X. The x-axis ranges from -150 to 150, and the y-axis ranges from -1500 to 1000.

Each plot shows a dense cloud of points centered around the origin, indicating the distribution of differences between measurements. The axes are labeled with the difference in beam position measurements (bpm) in micrometers (um).

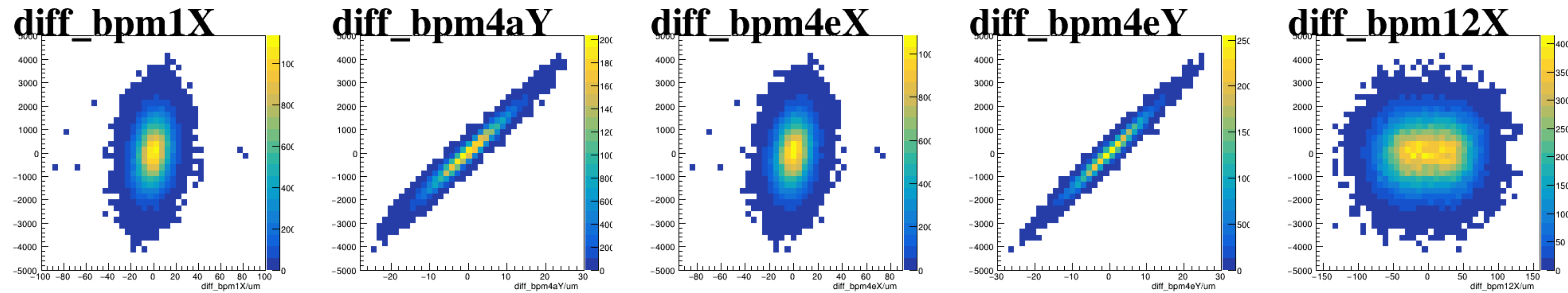
asym_sam1



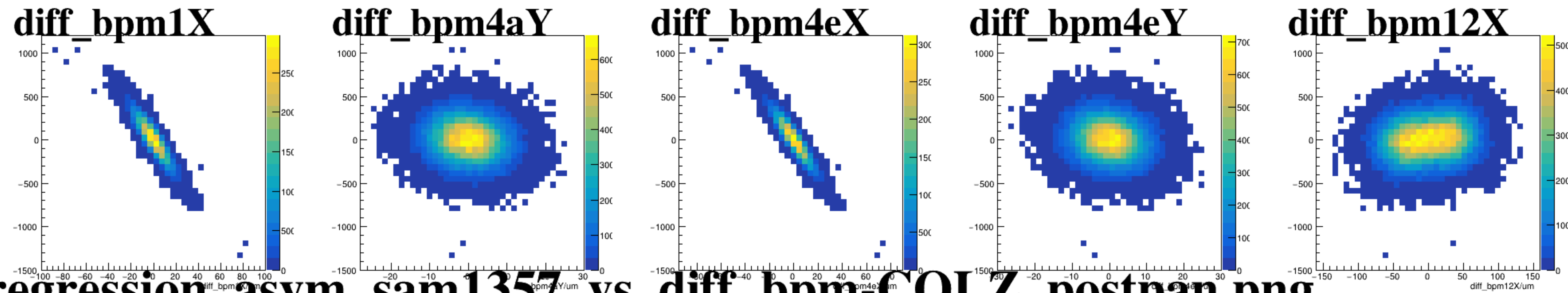
asym_sam3



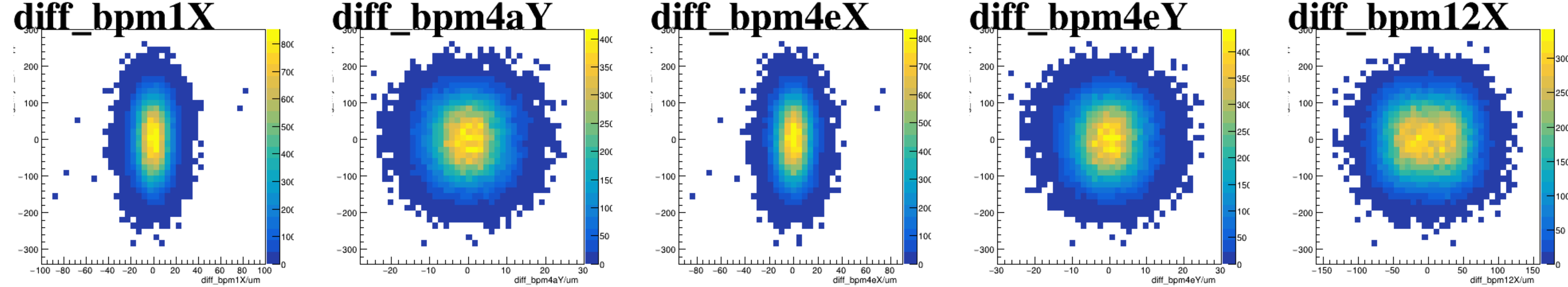
asym_sam5



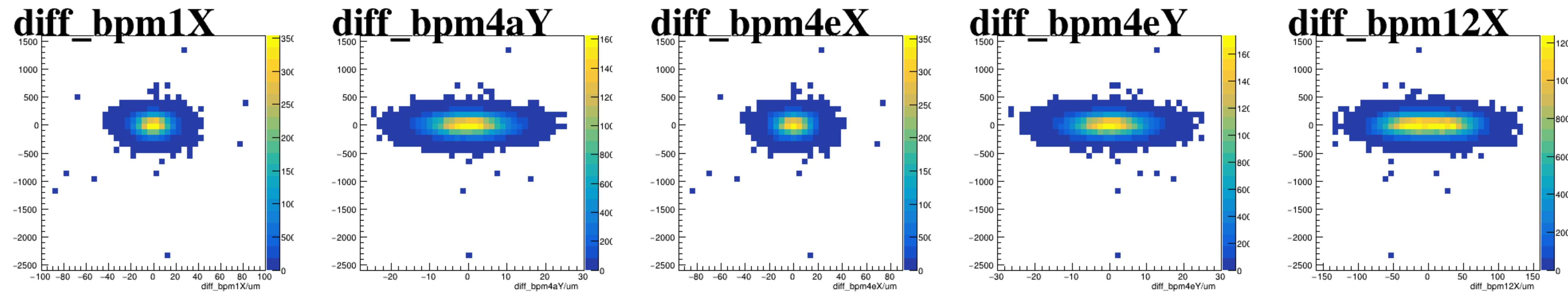
asym_sam7



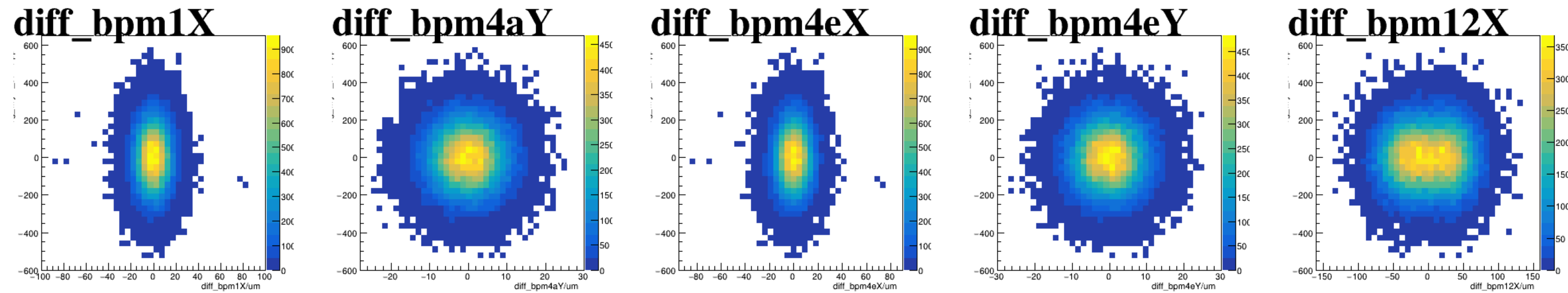
reg_asym_sam1



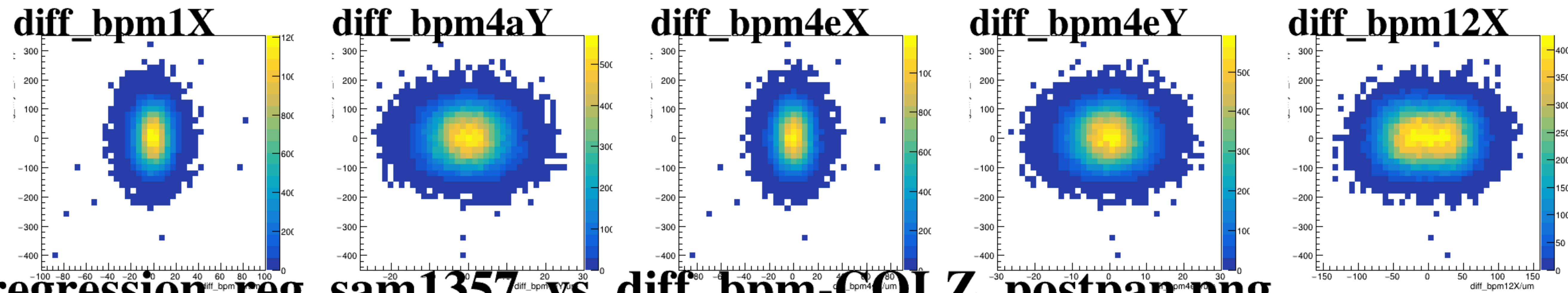
reg_asym_sam3



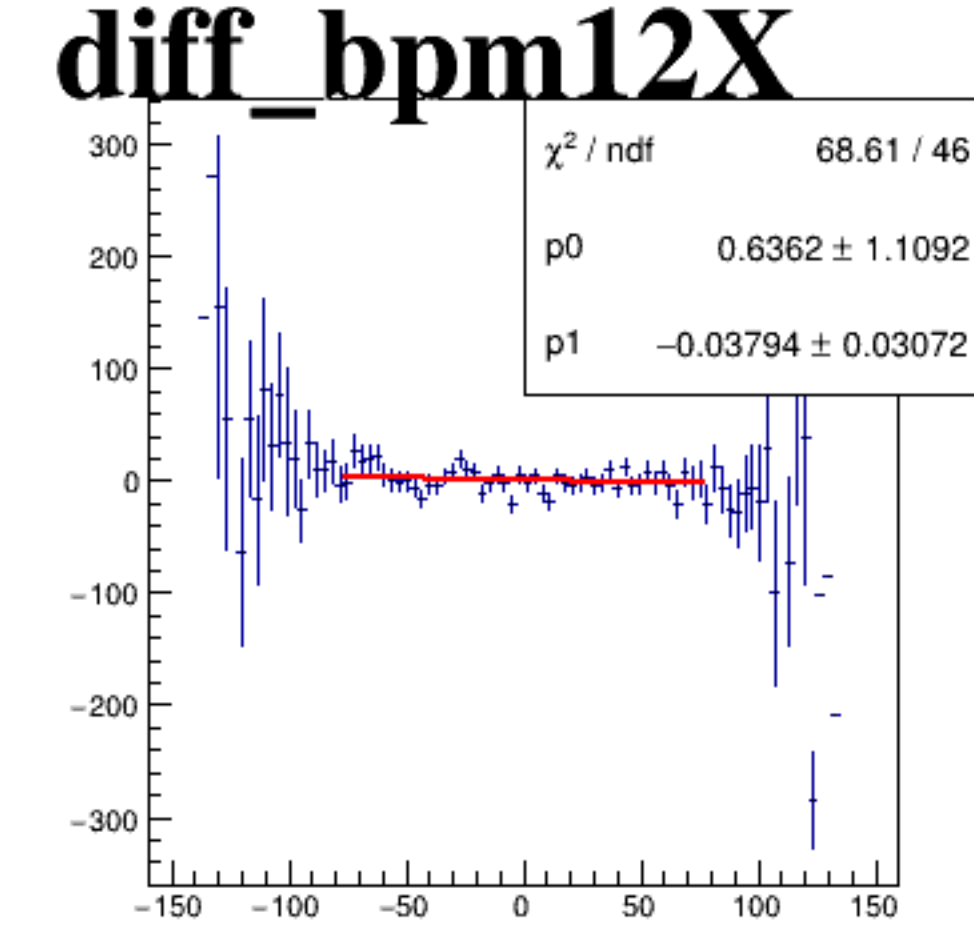
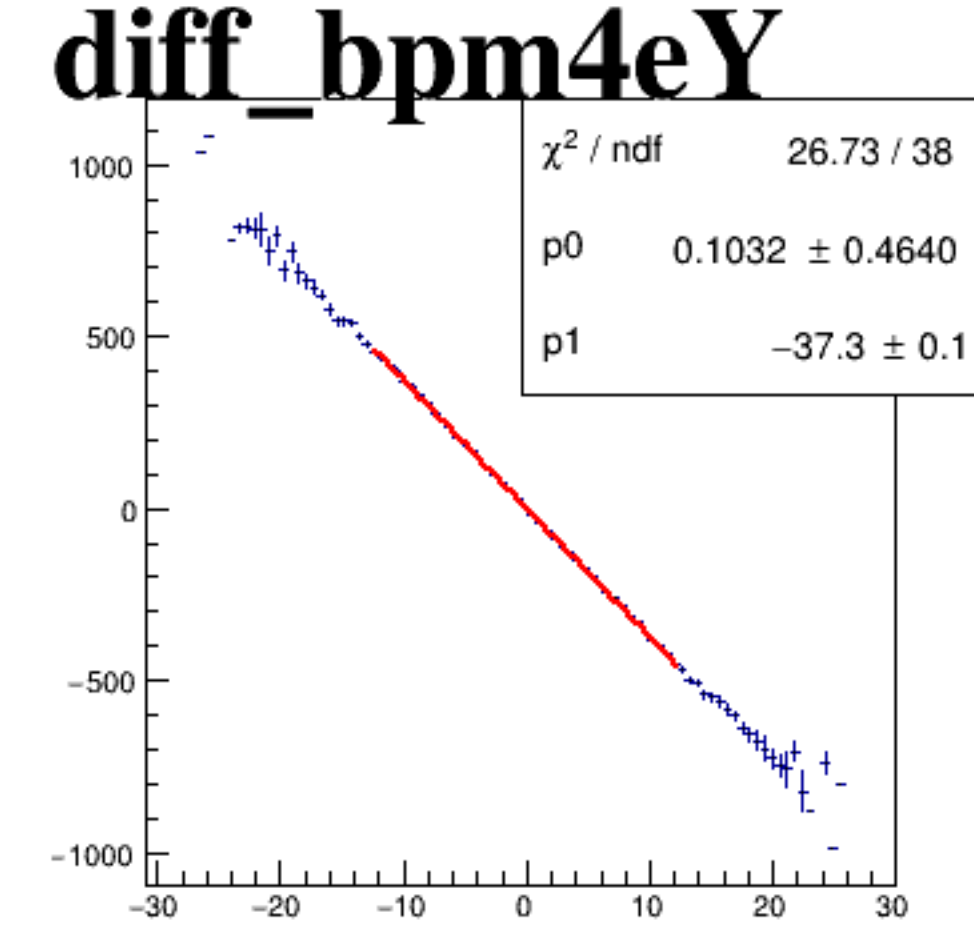
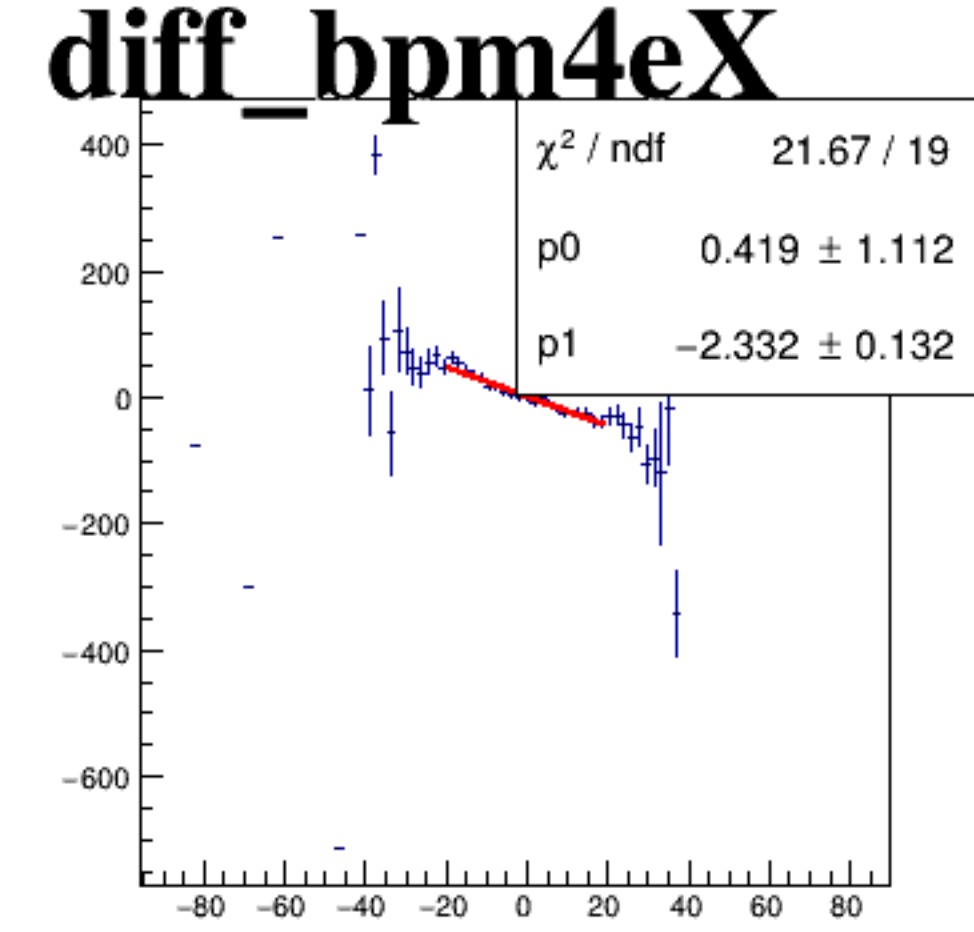
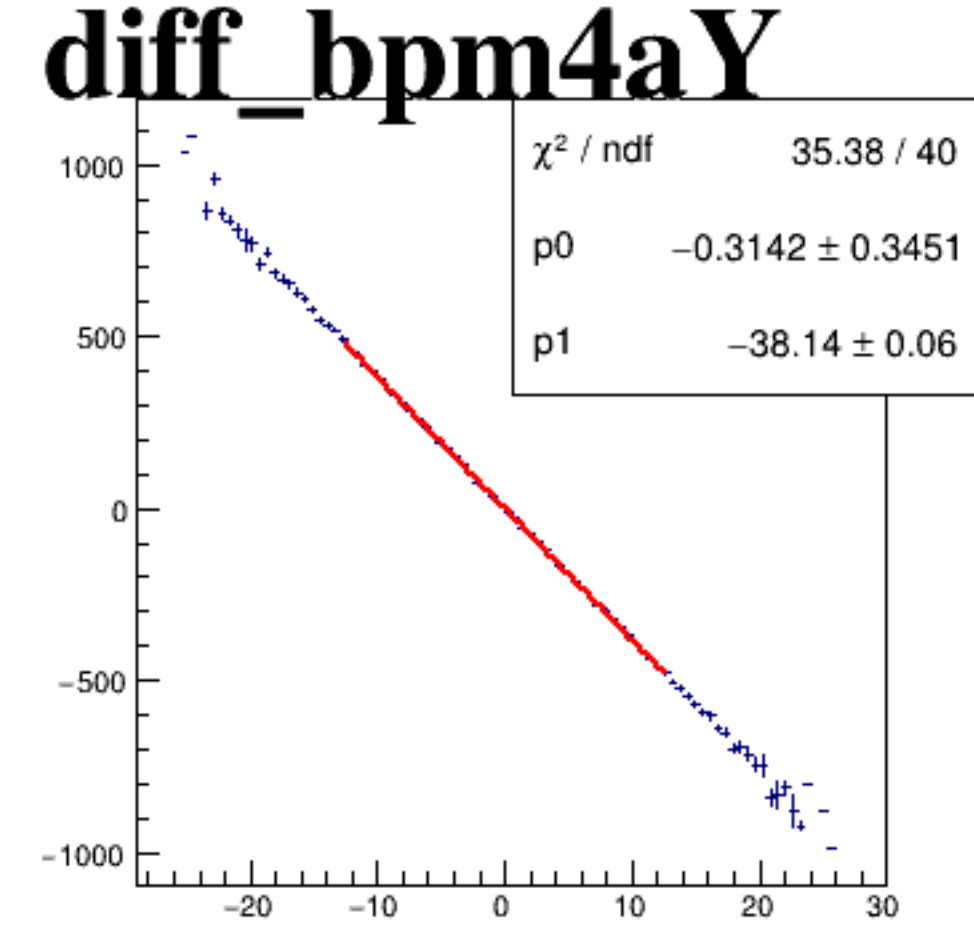
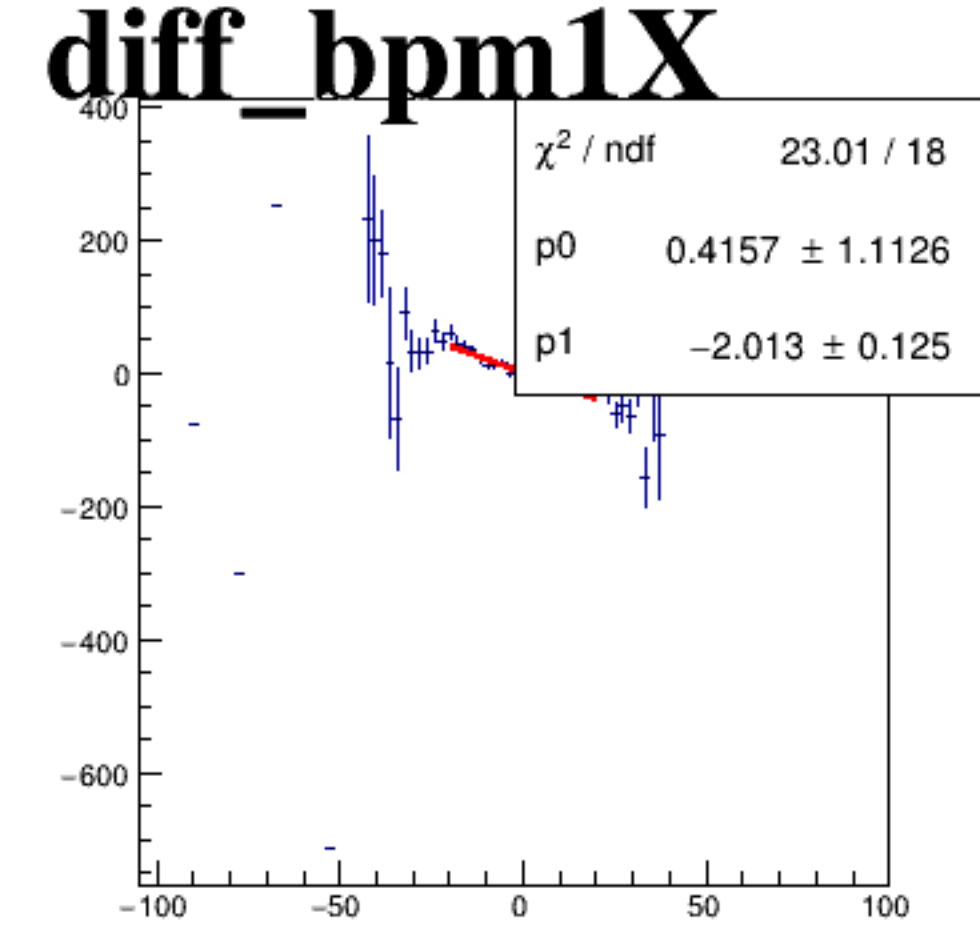
reg_asym_sam5



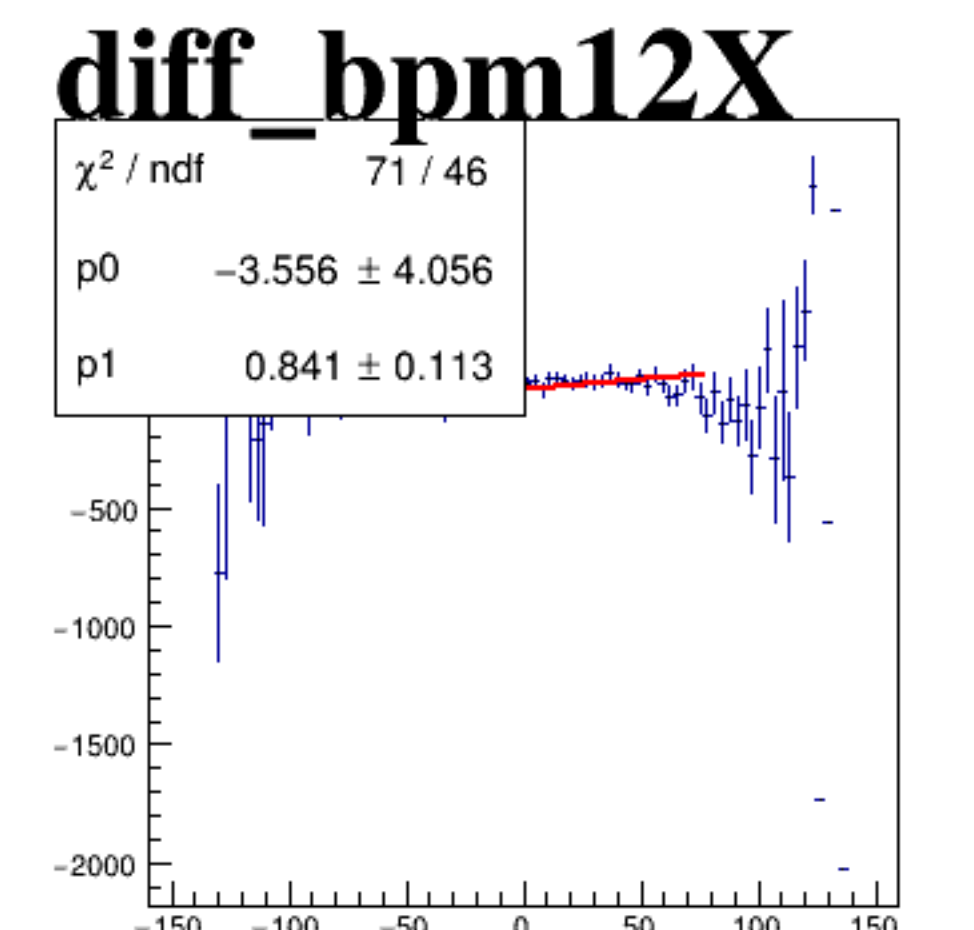
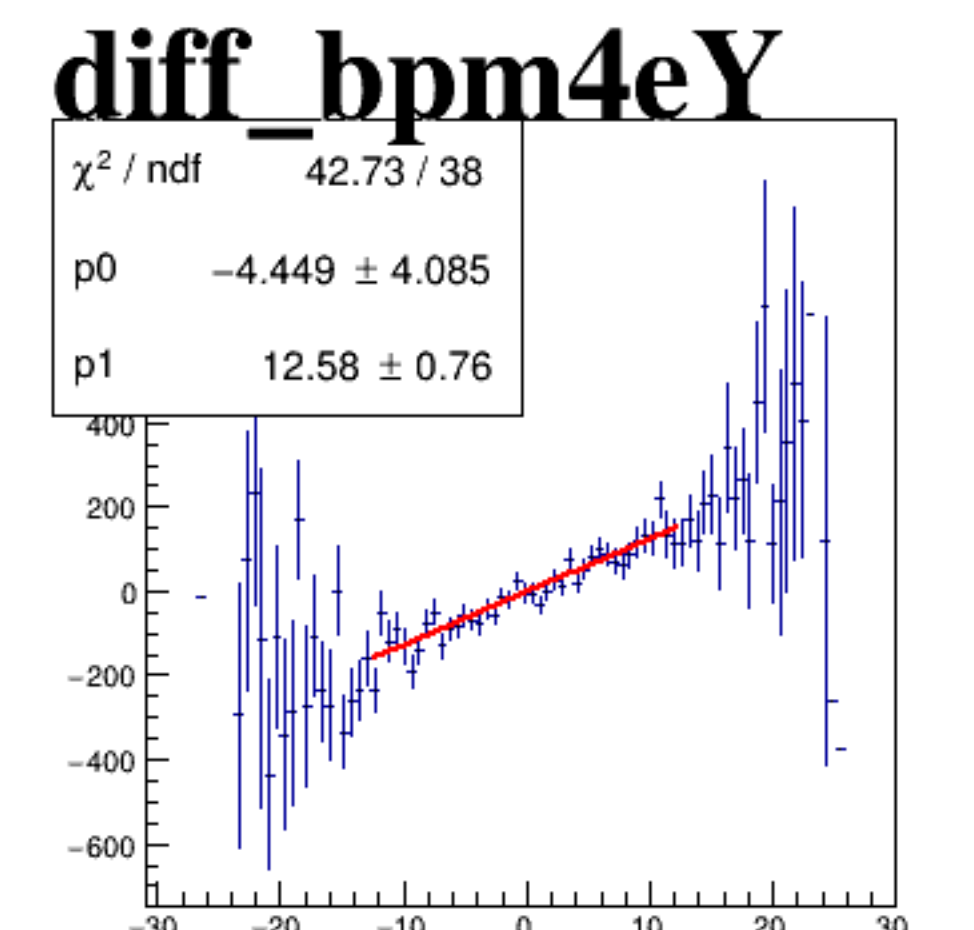
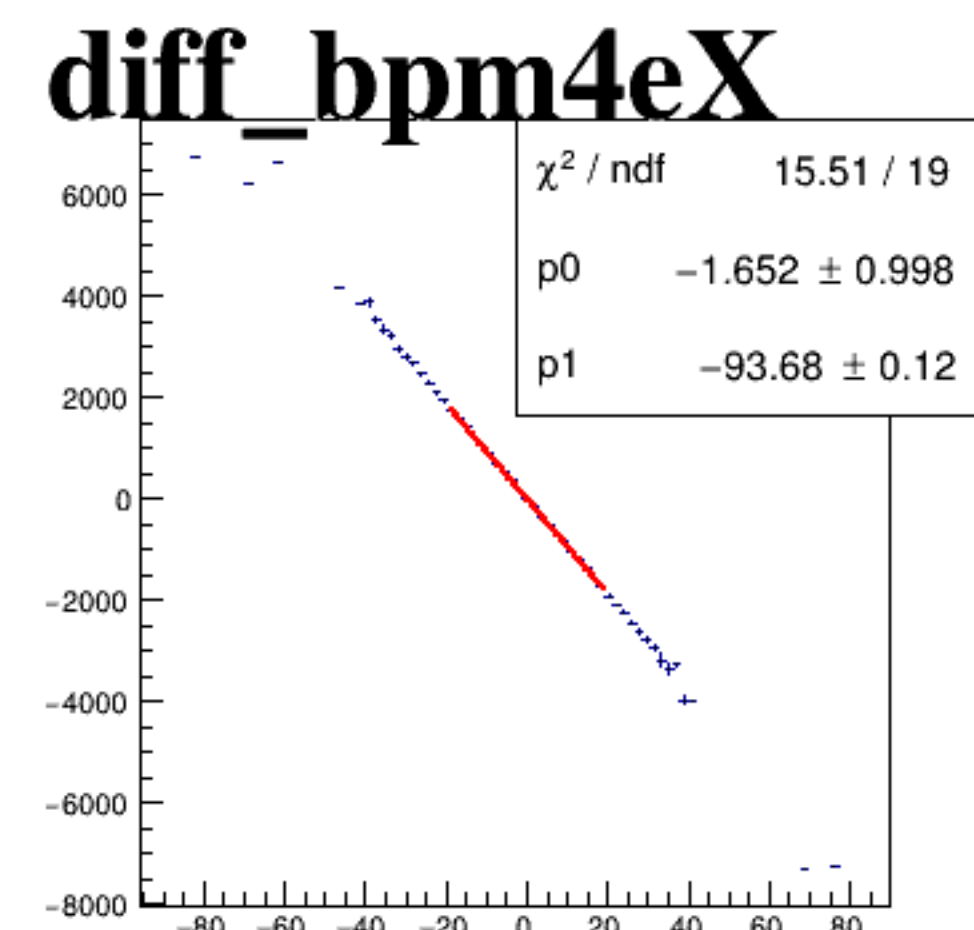
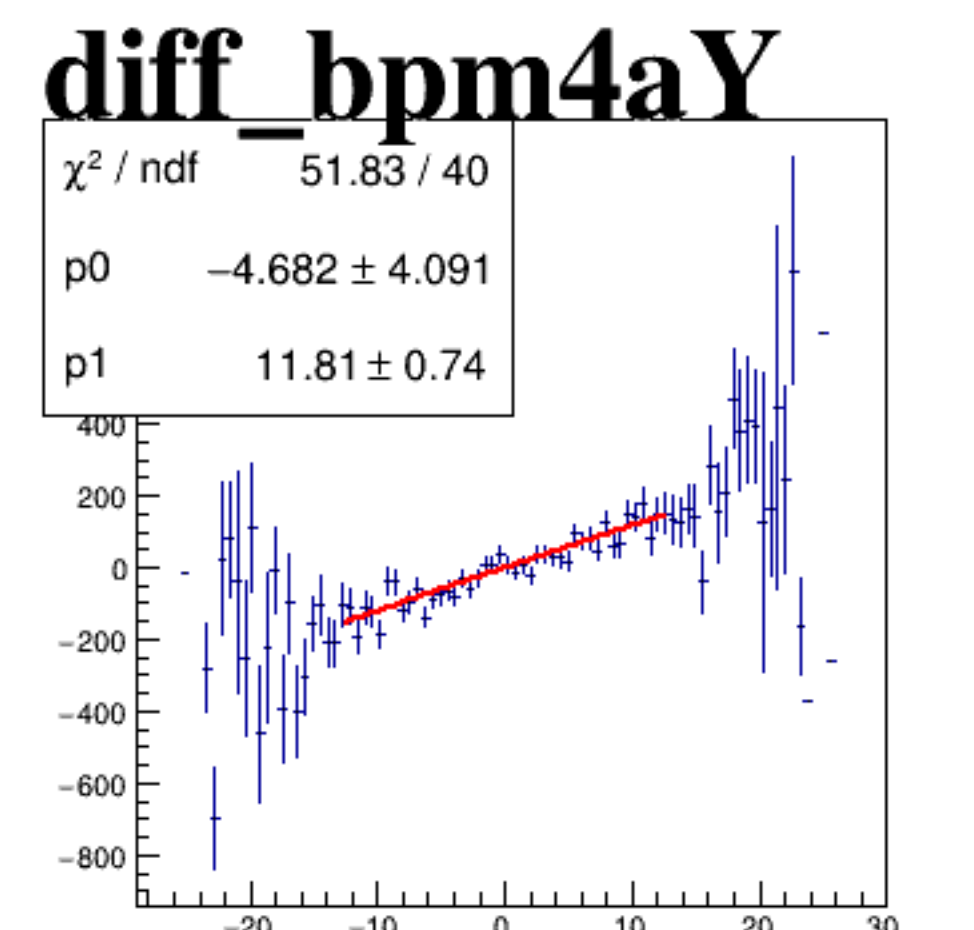
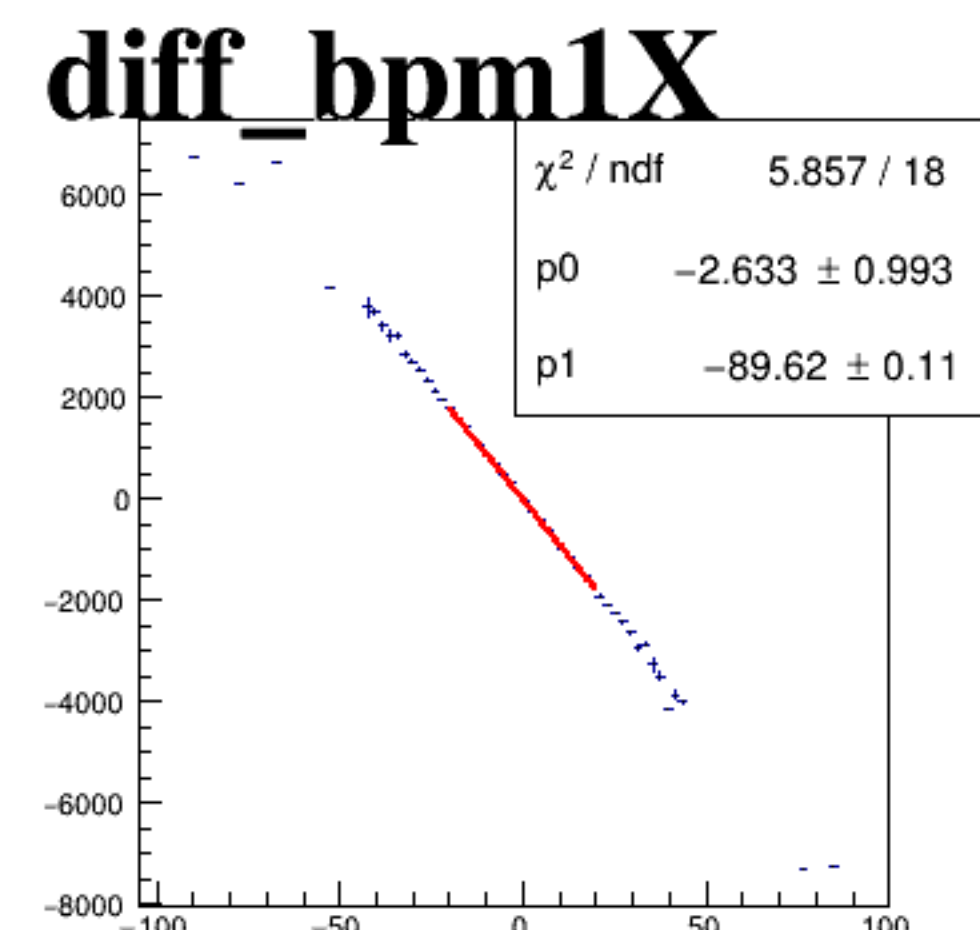
reg_asym_sam7



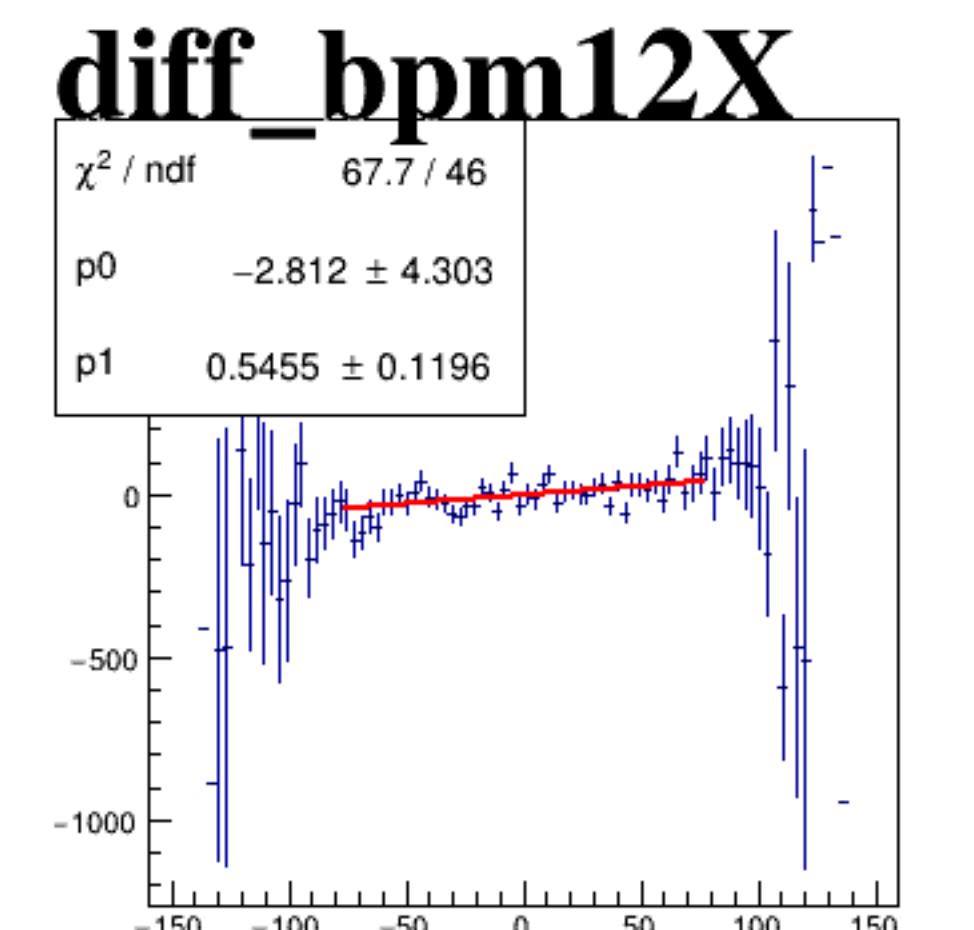
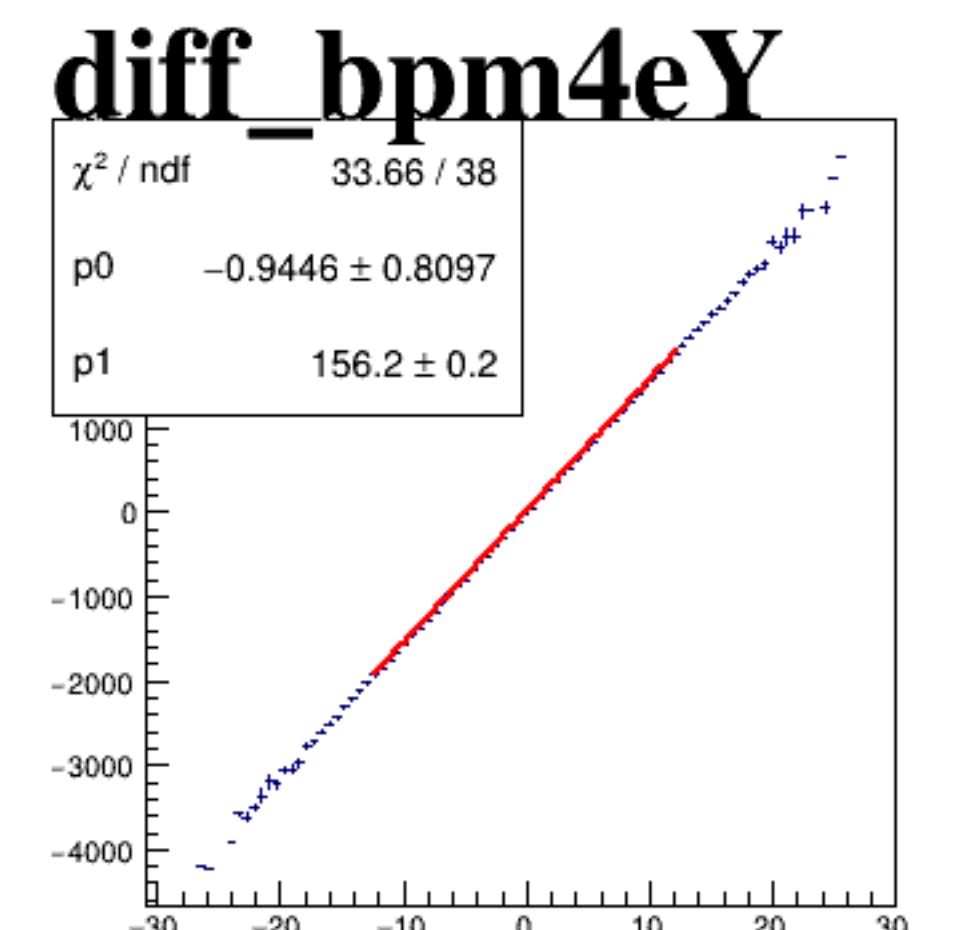
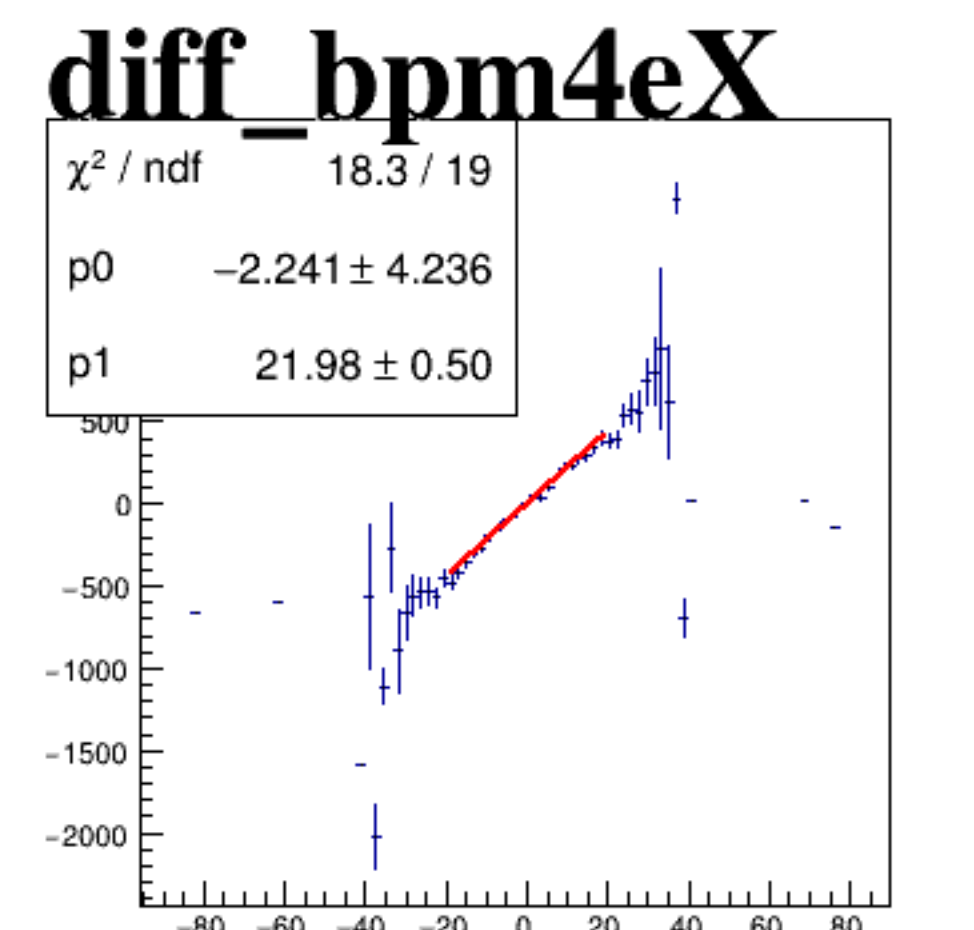
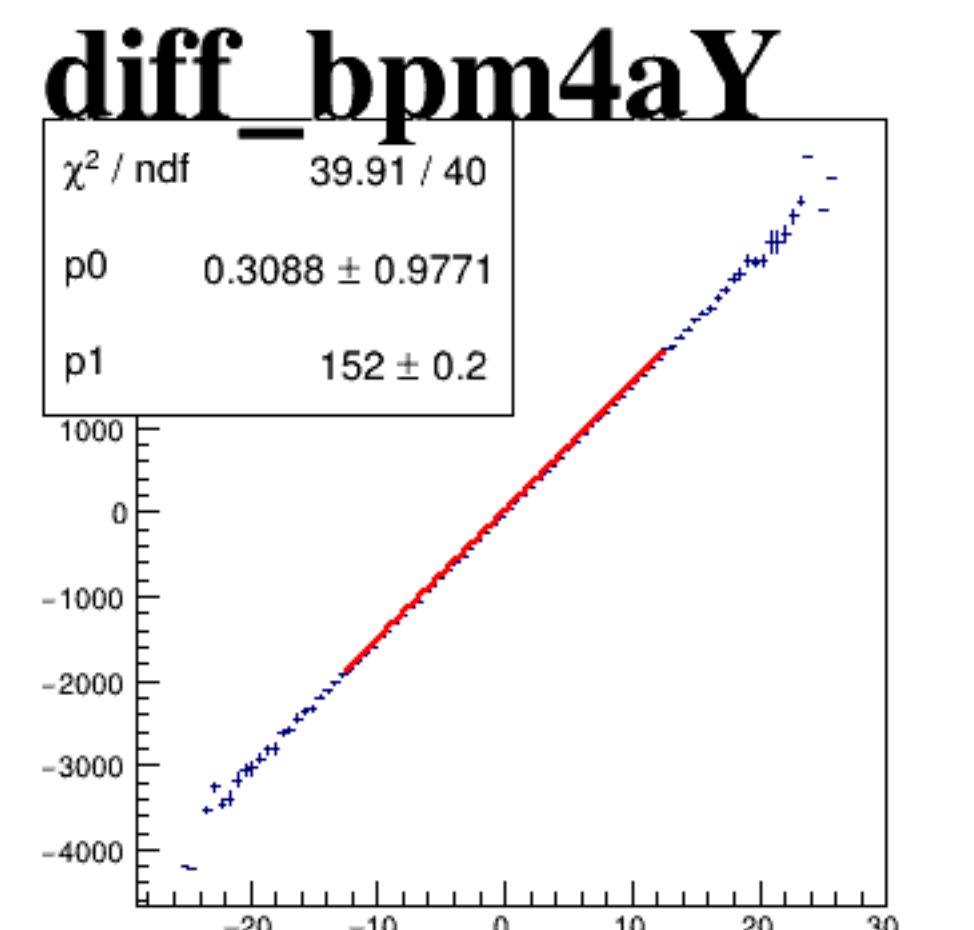
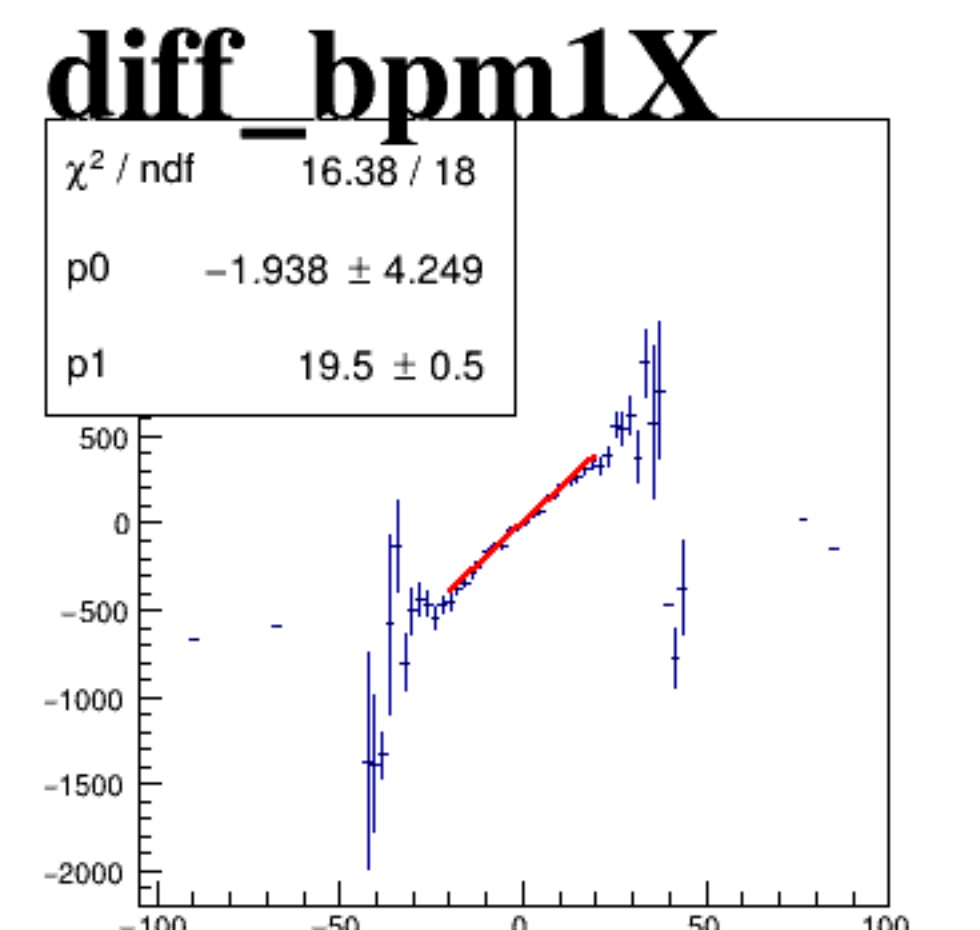
asym_sam1



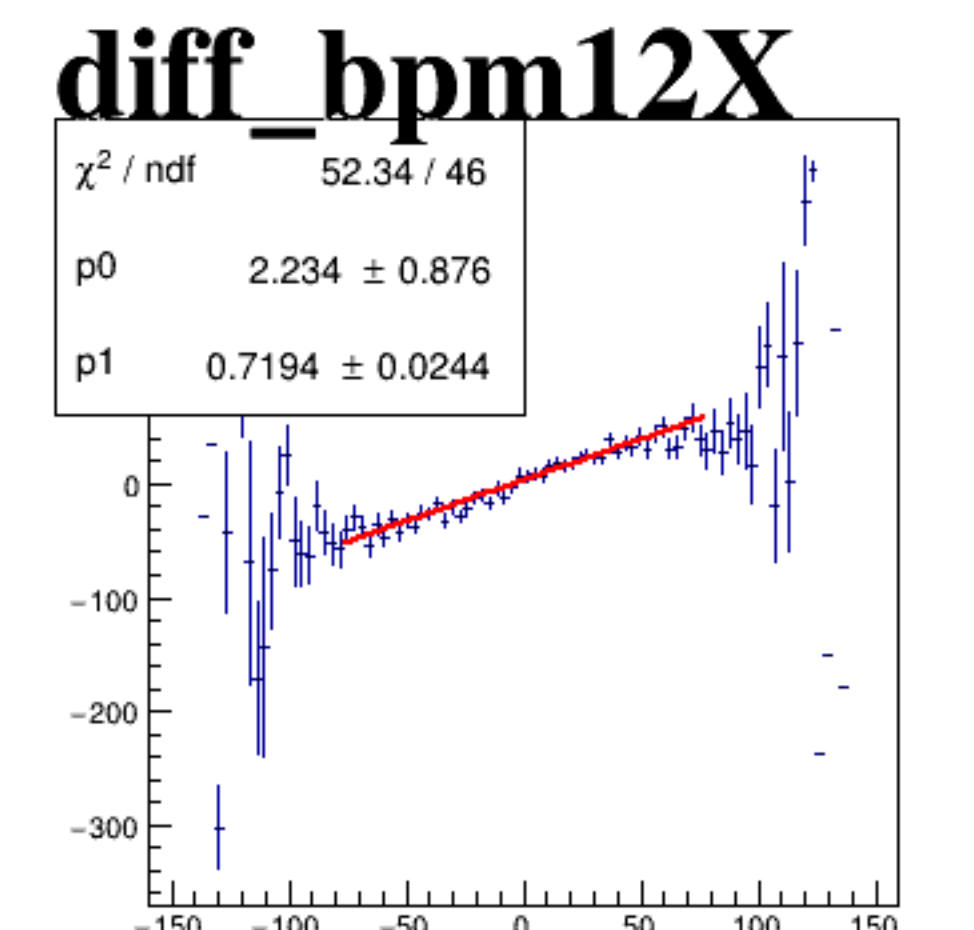
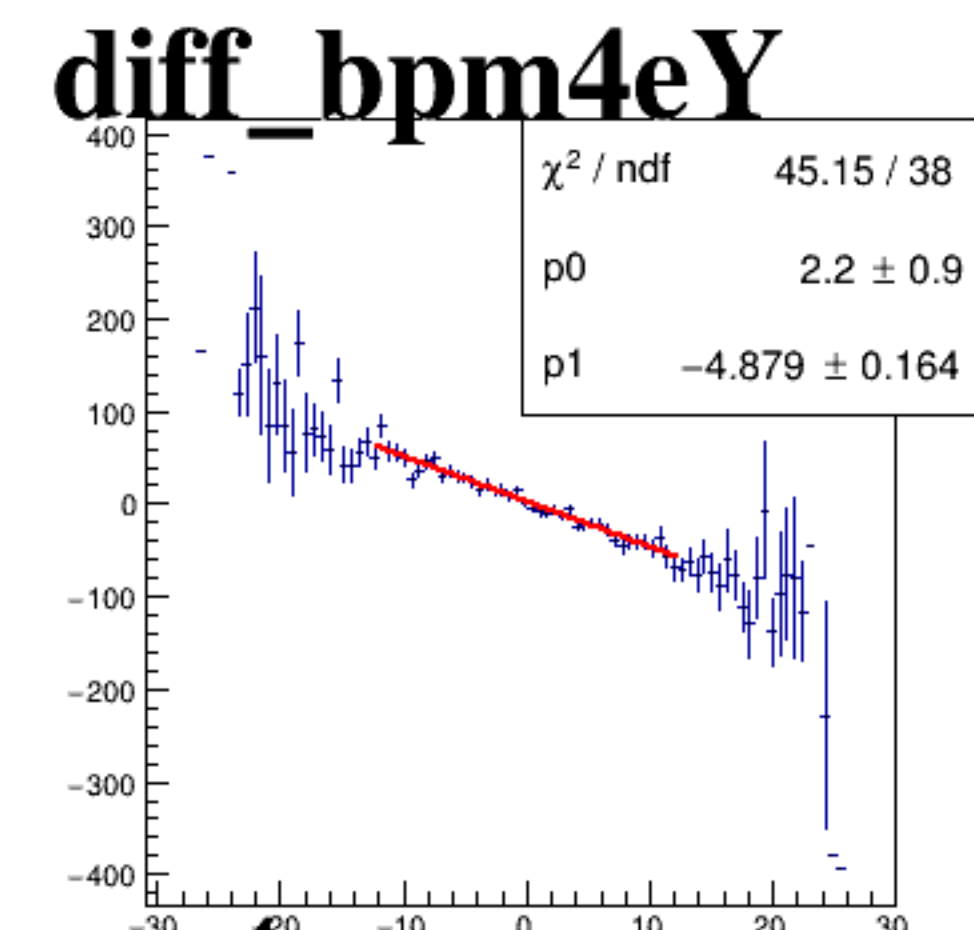
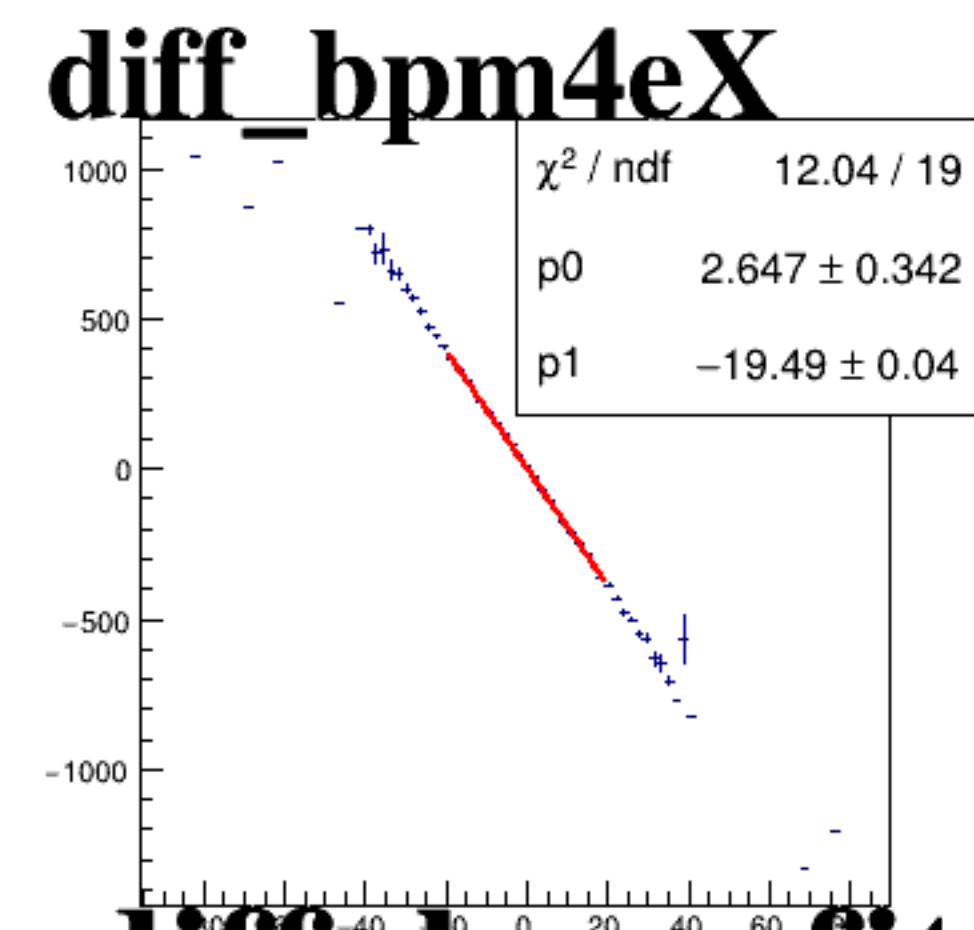
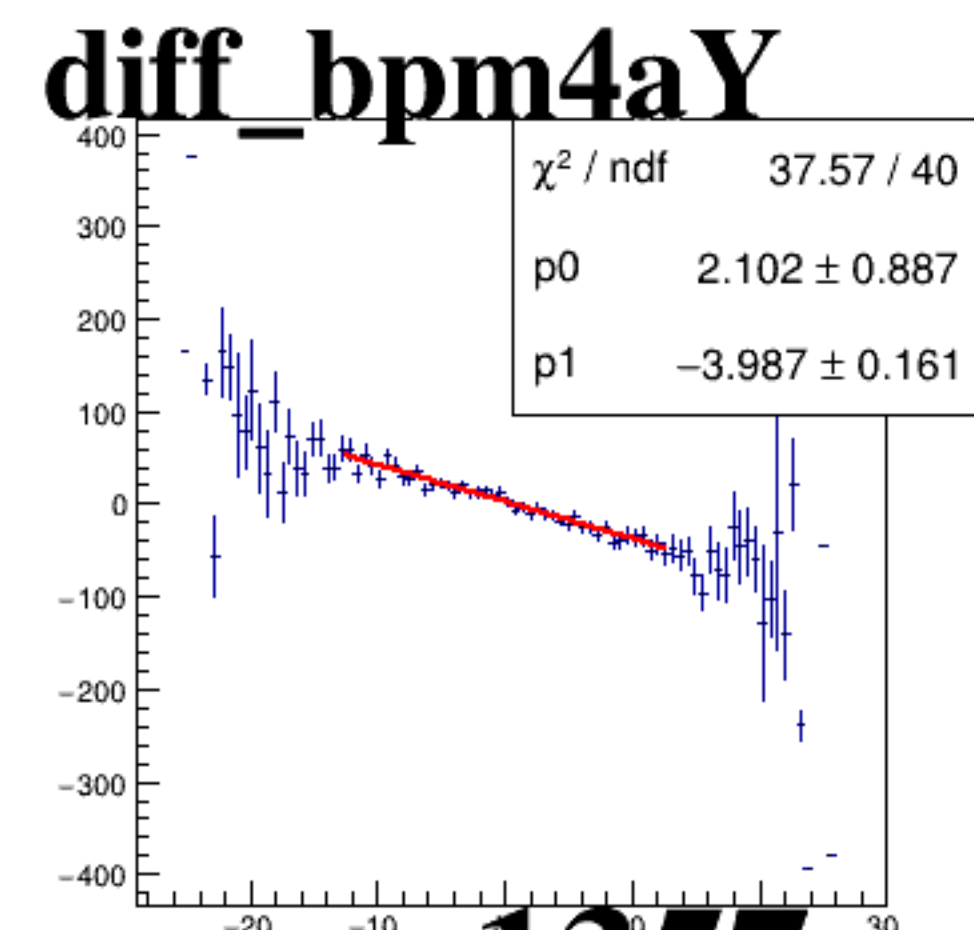
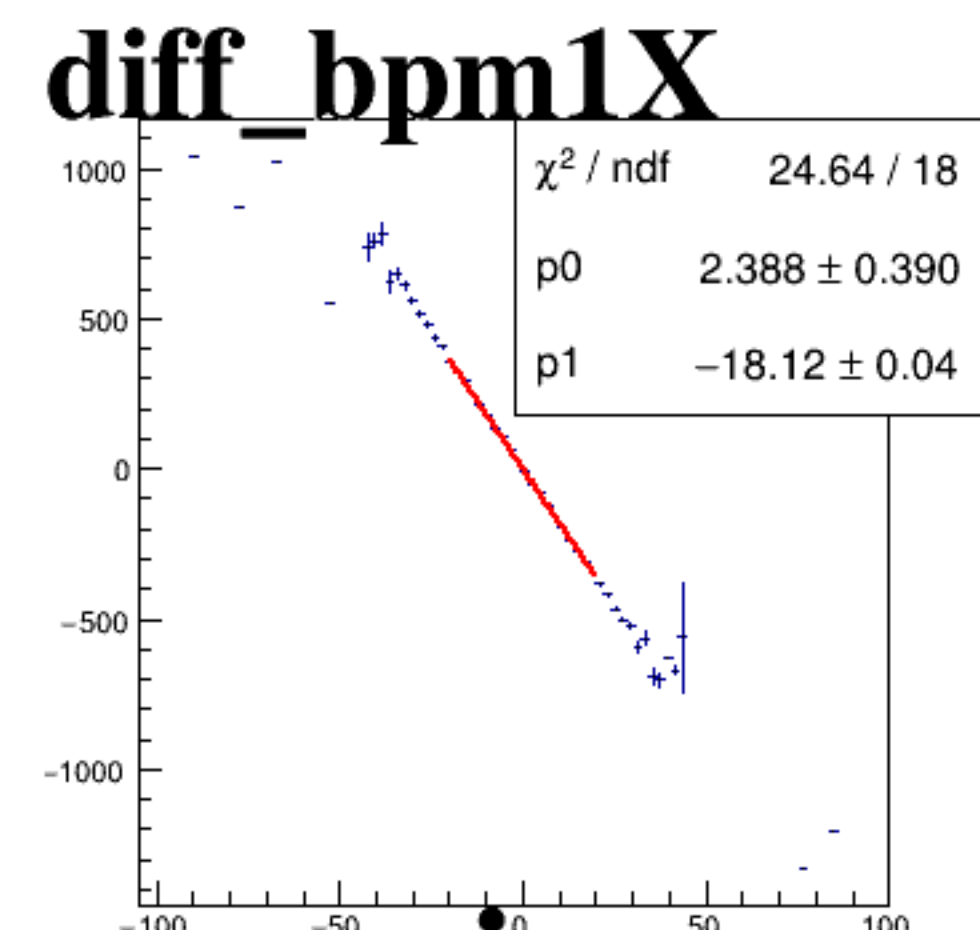
asym_sam3



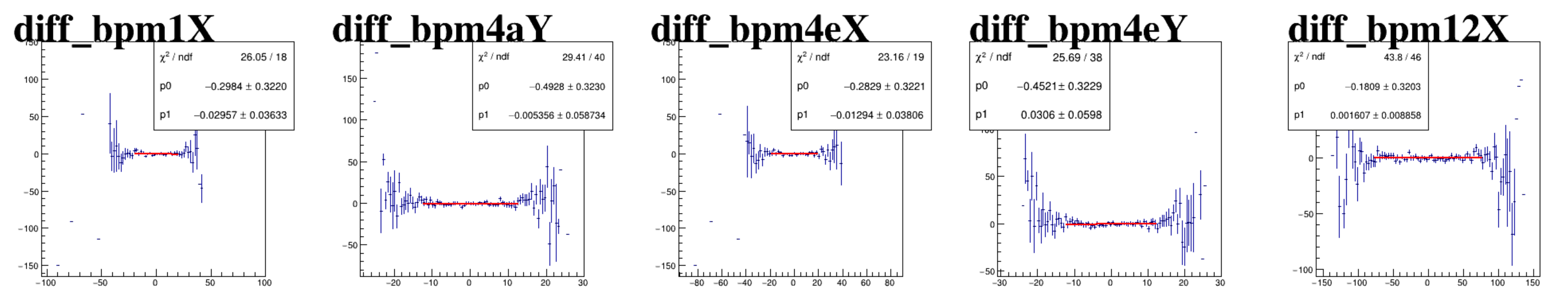
asym_sam5



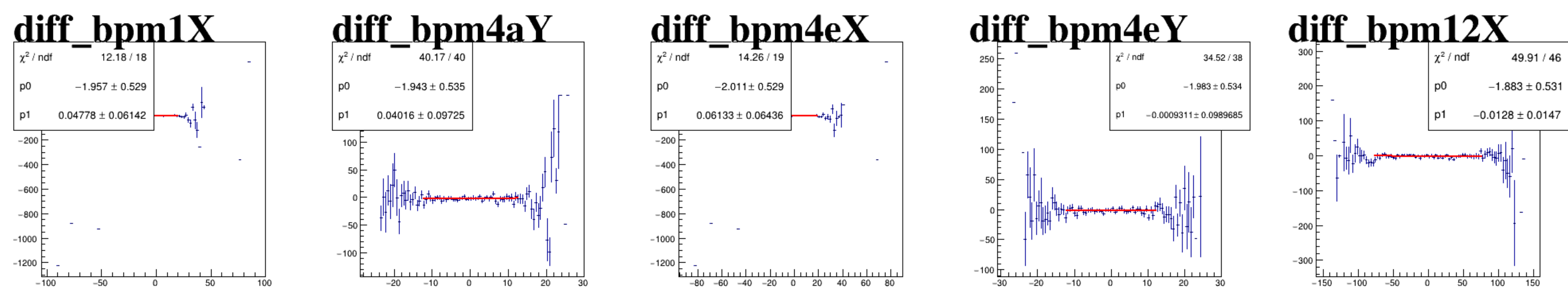
asym_sam7



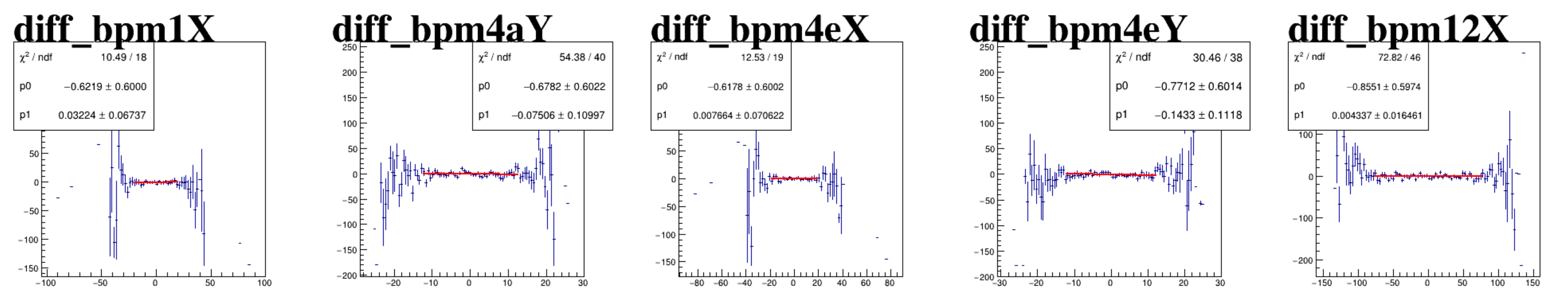
reg_asym_sam1



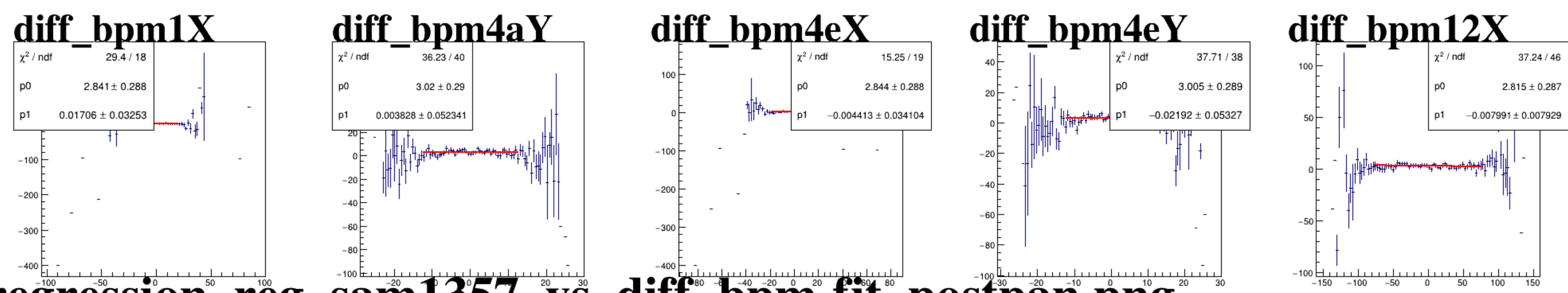
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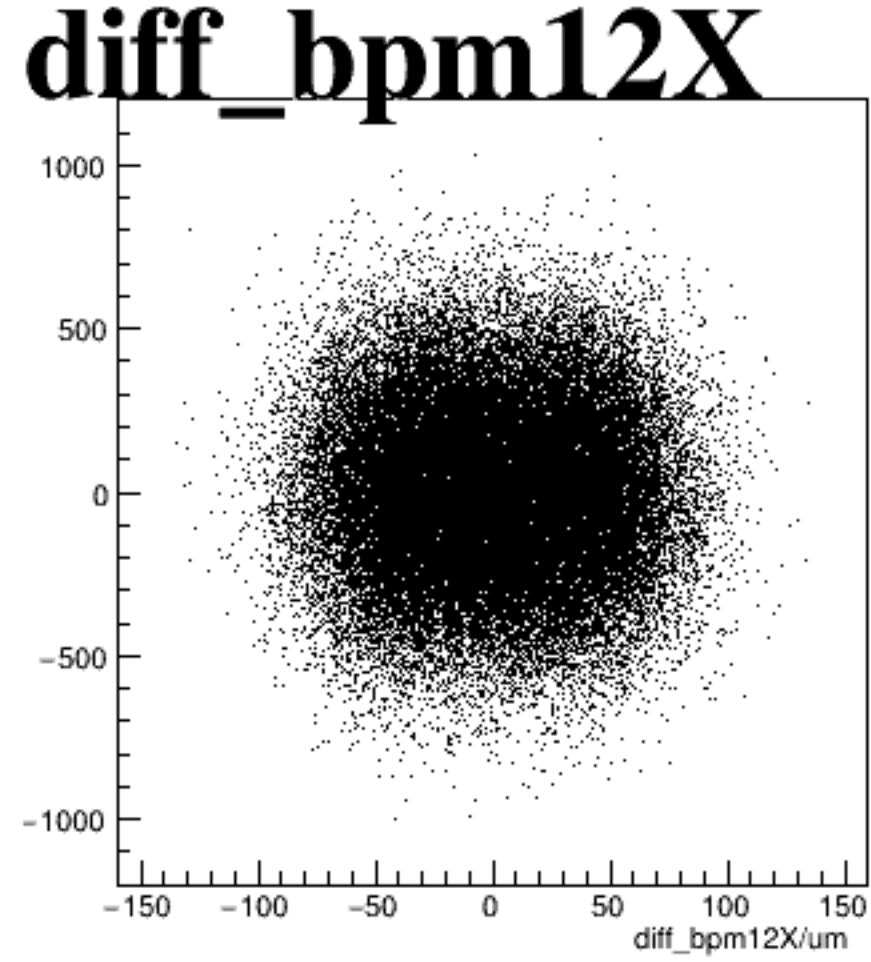
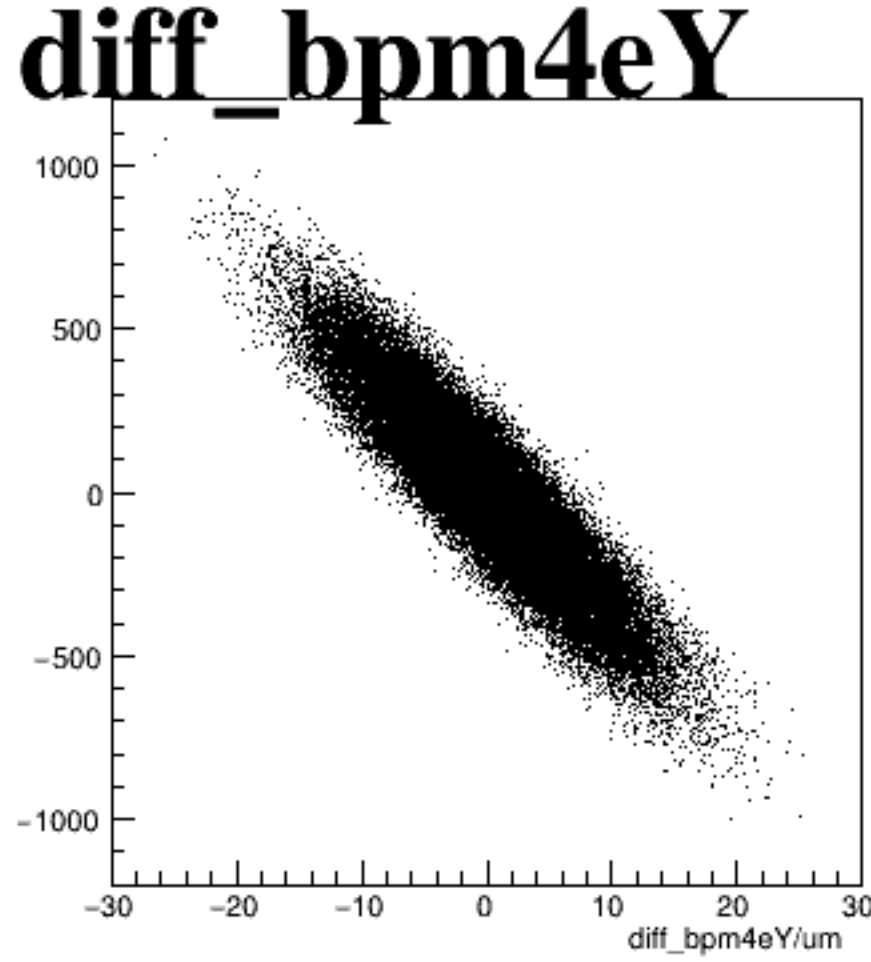
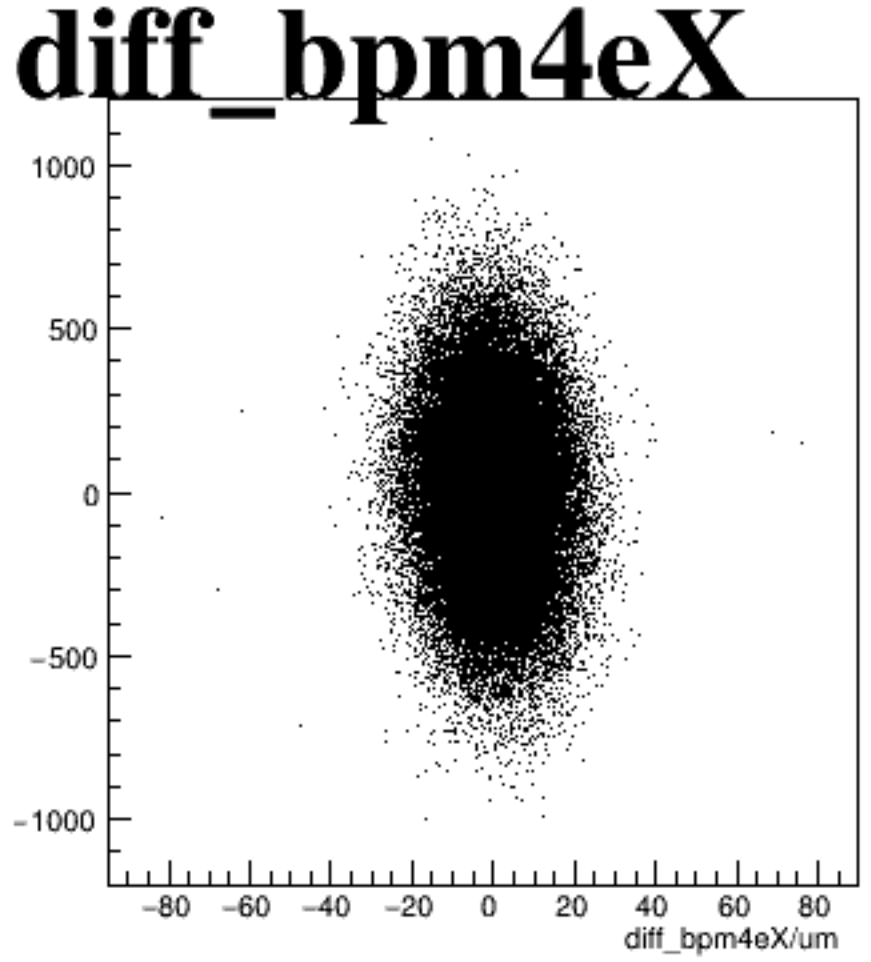
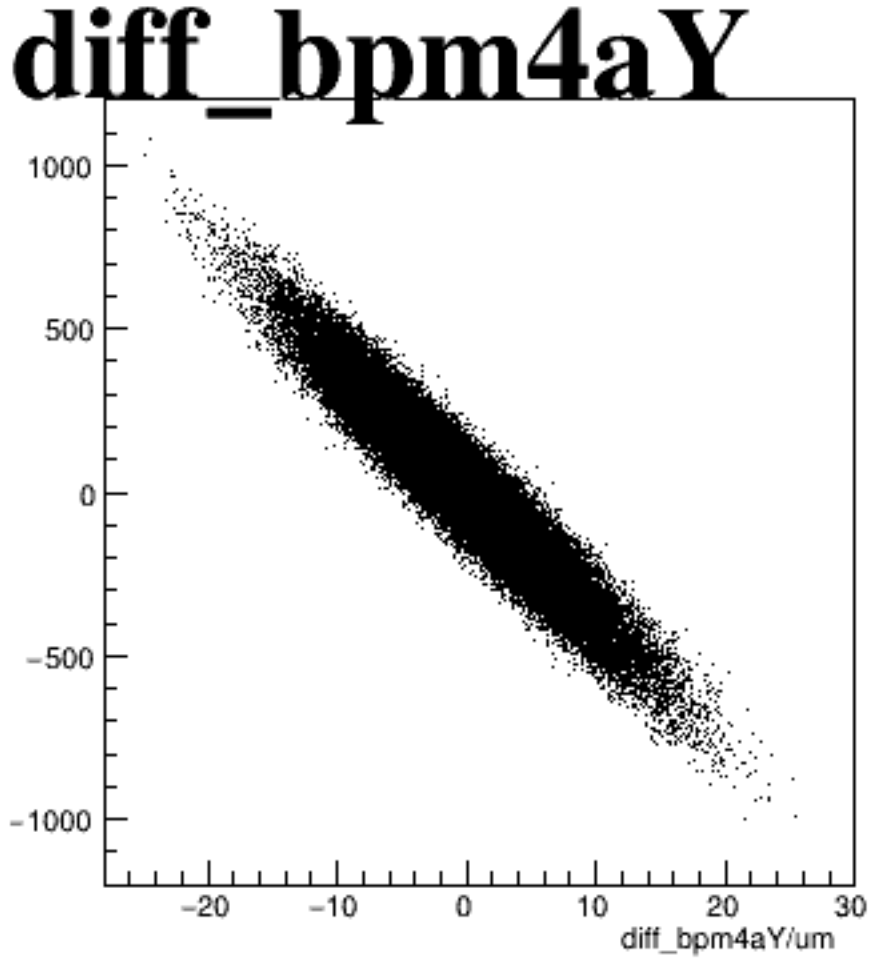
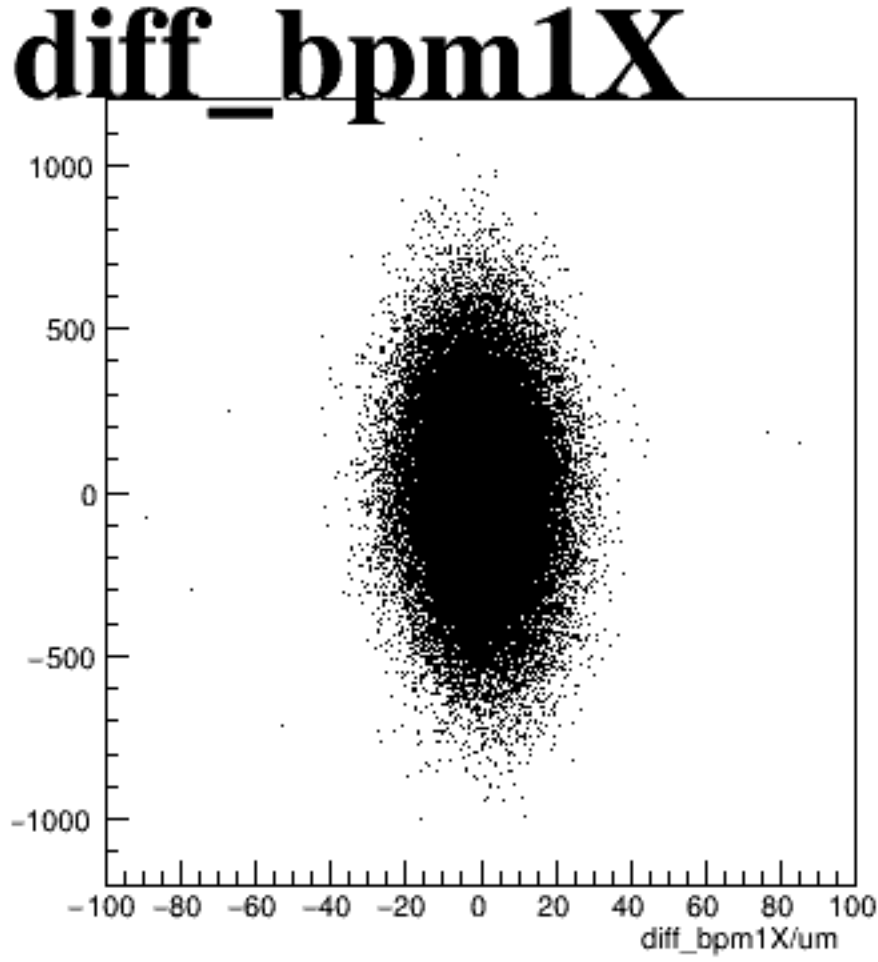
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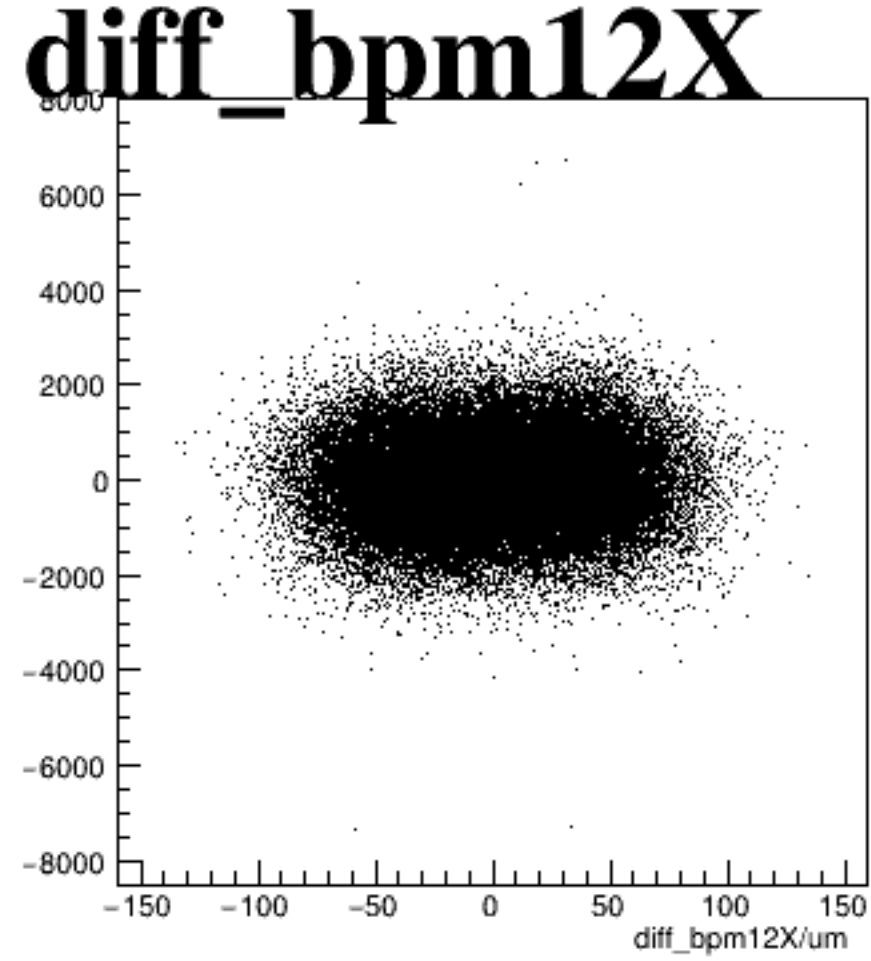
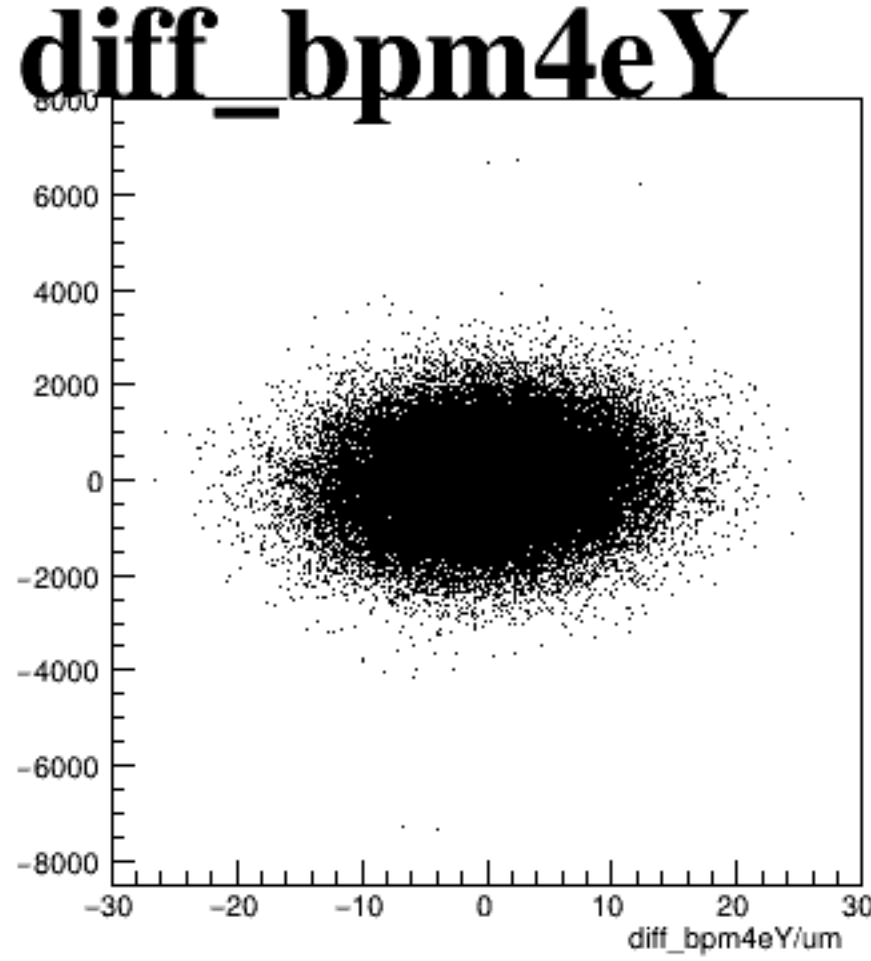
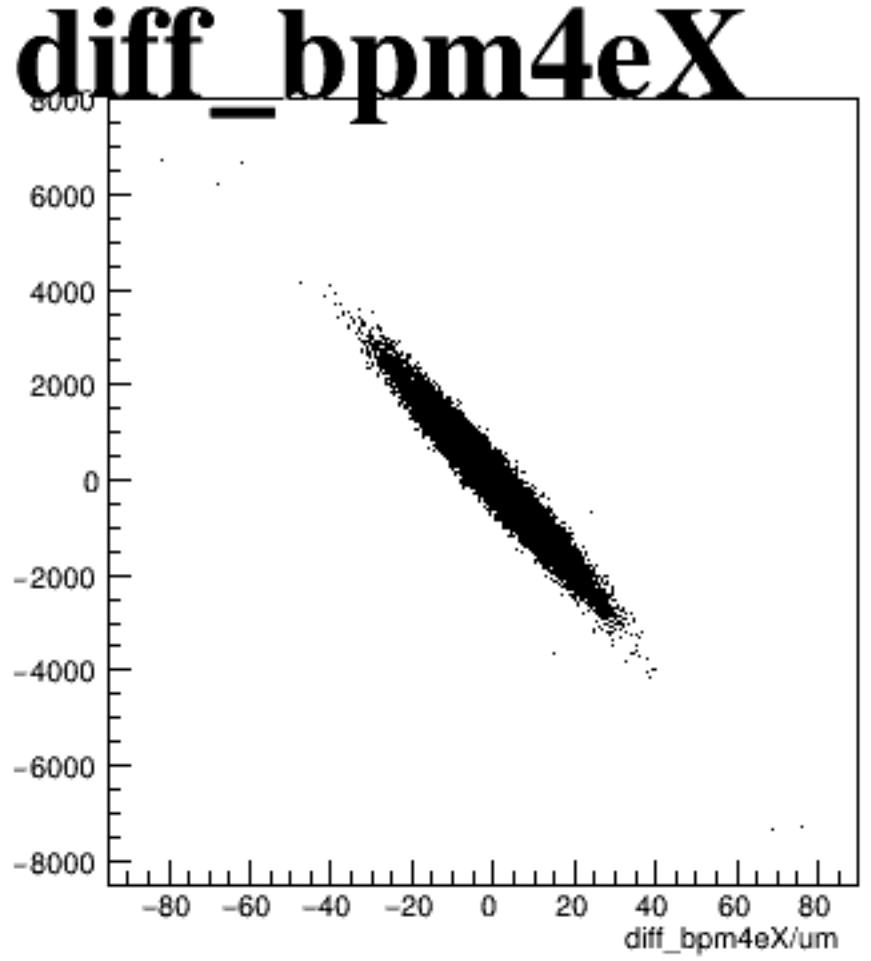
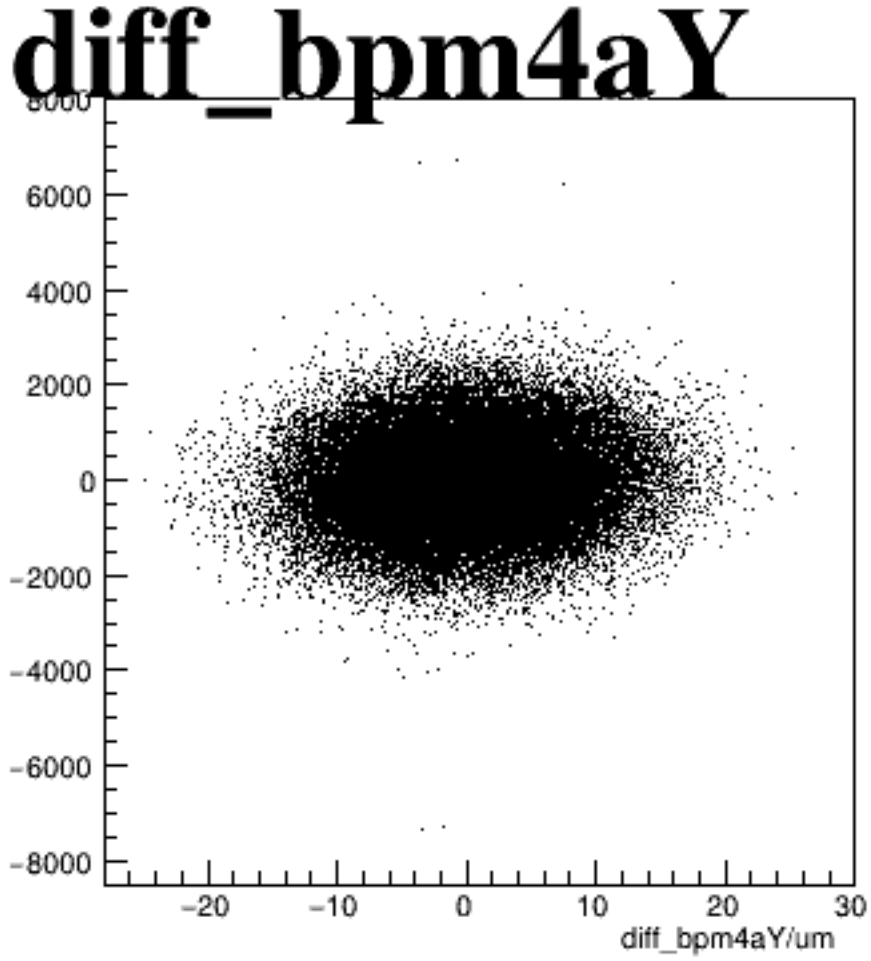
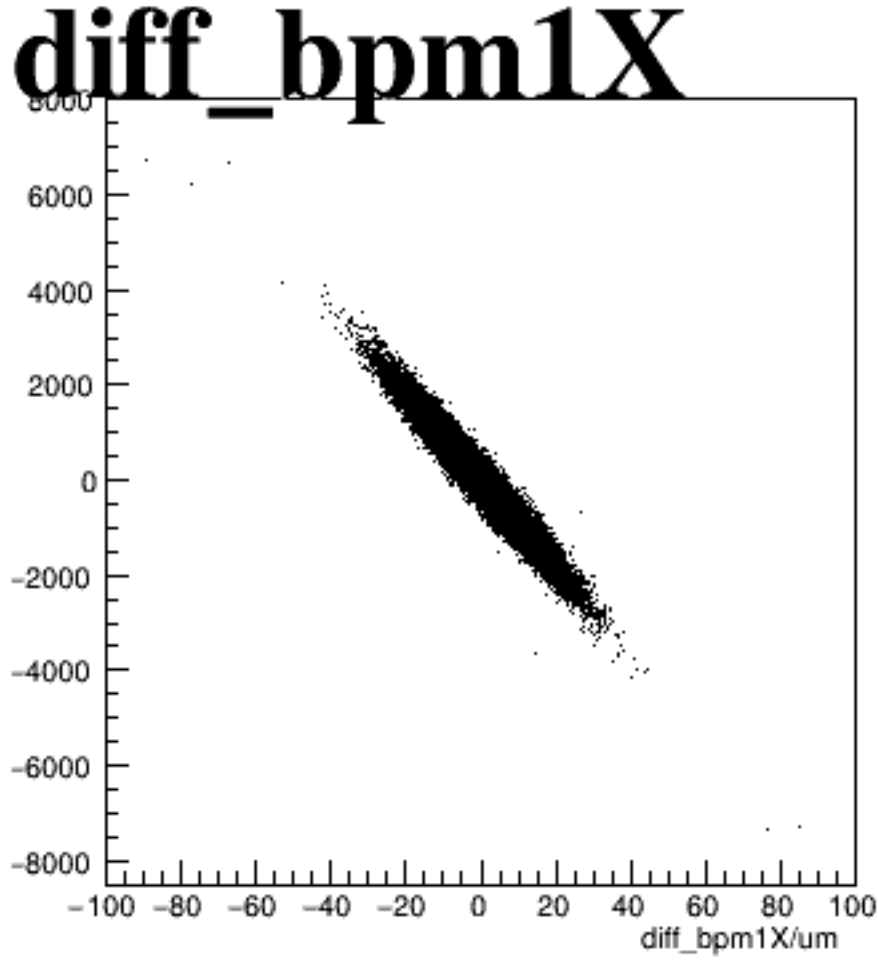
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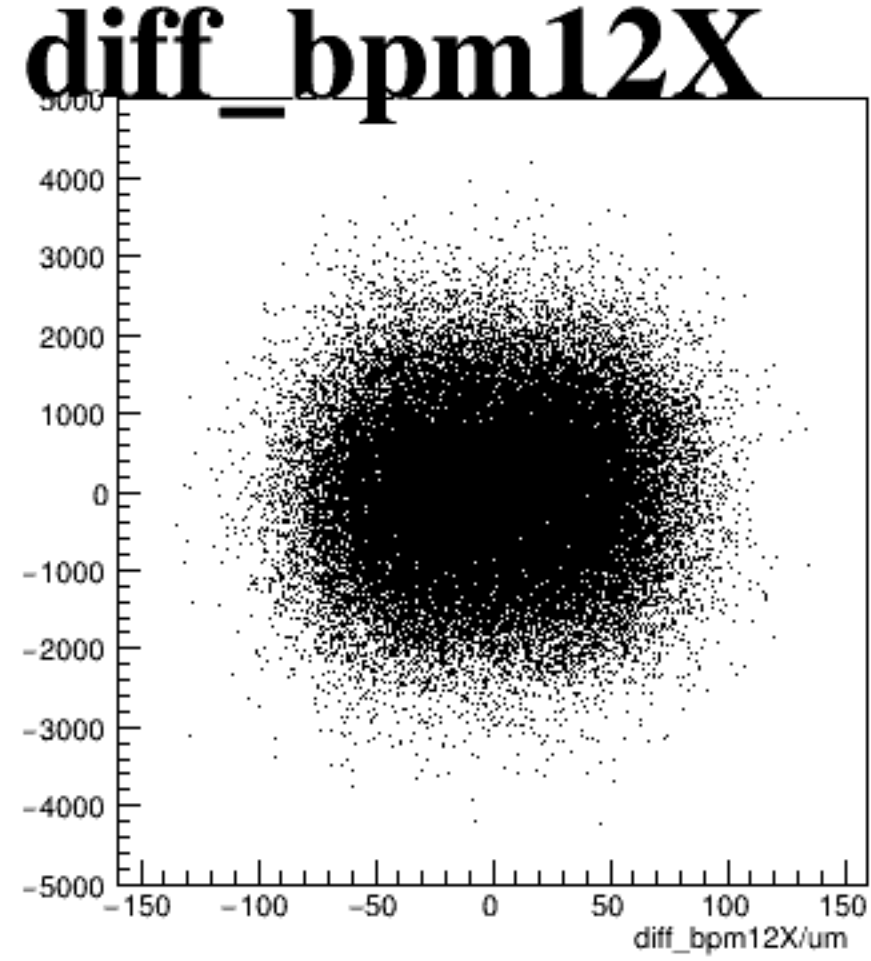
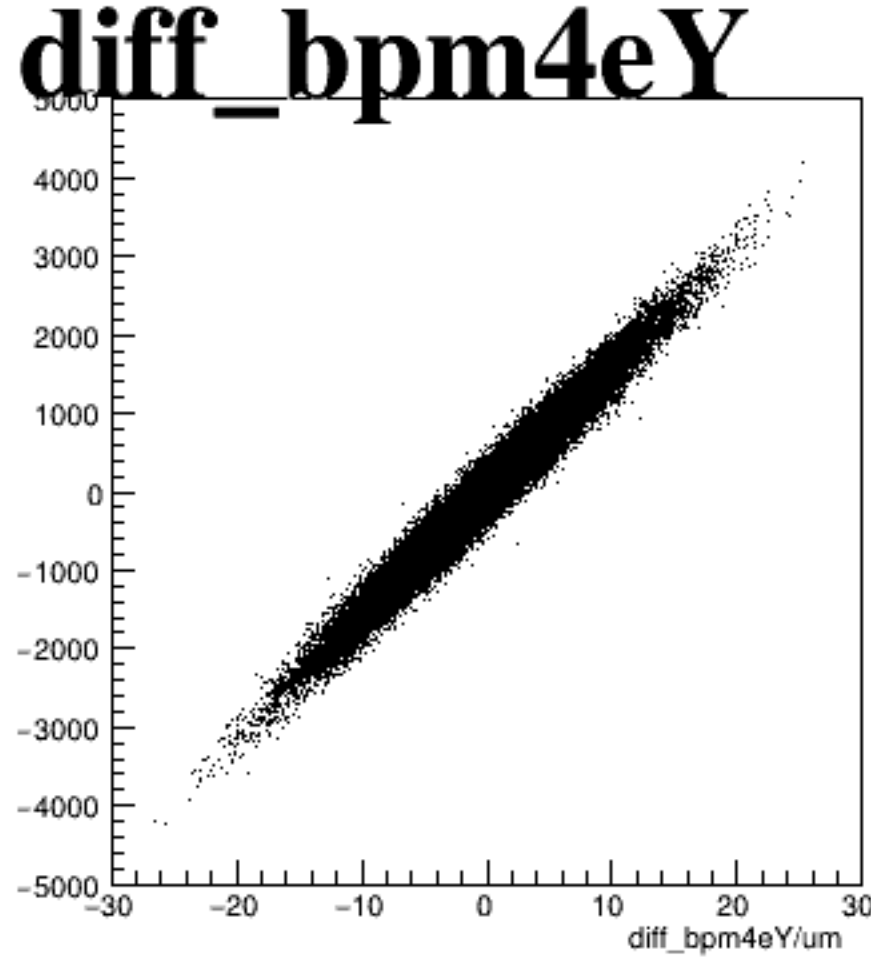
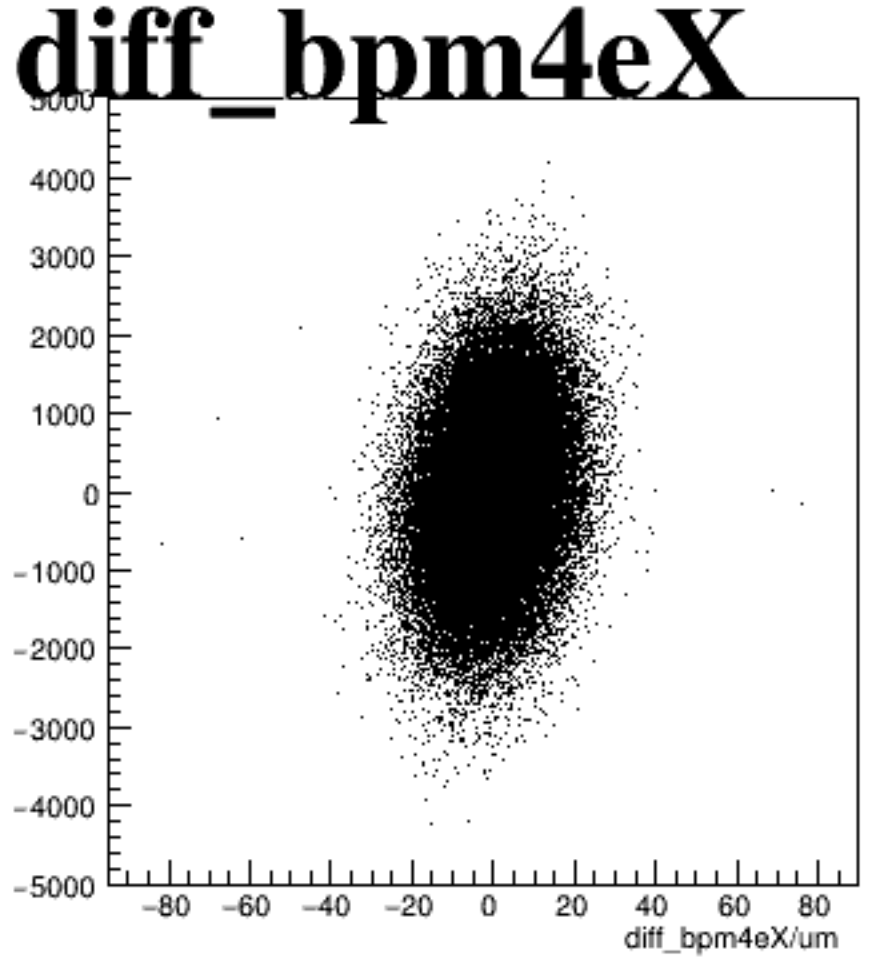
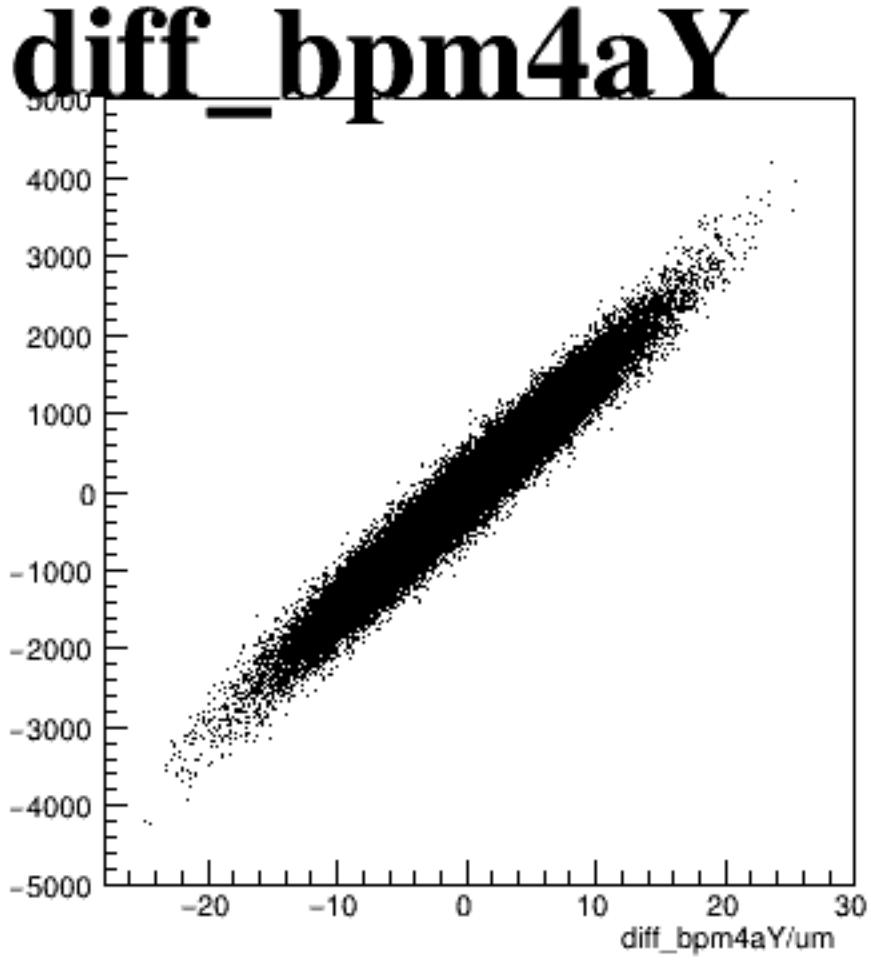
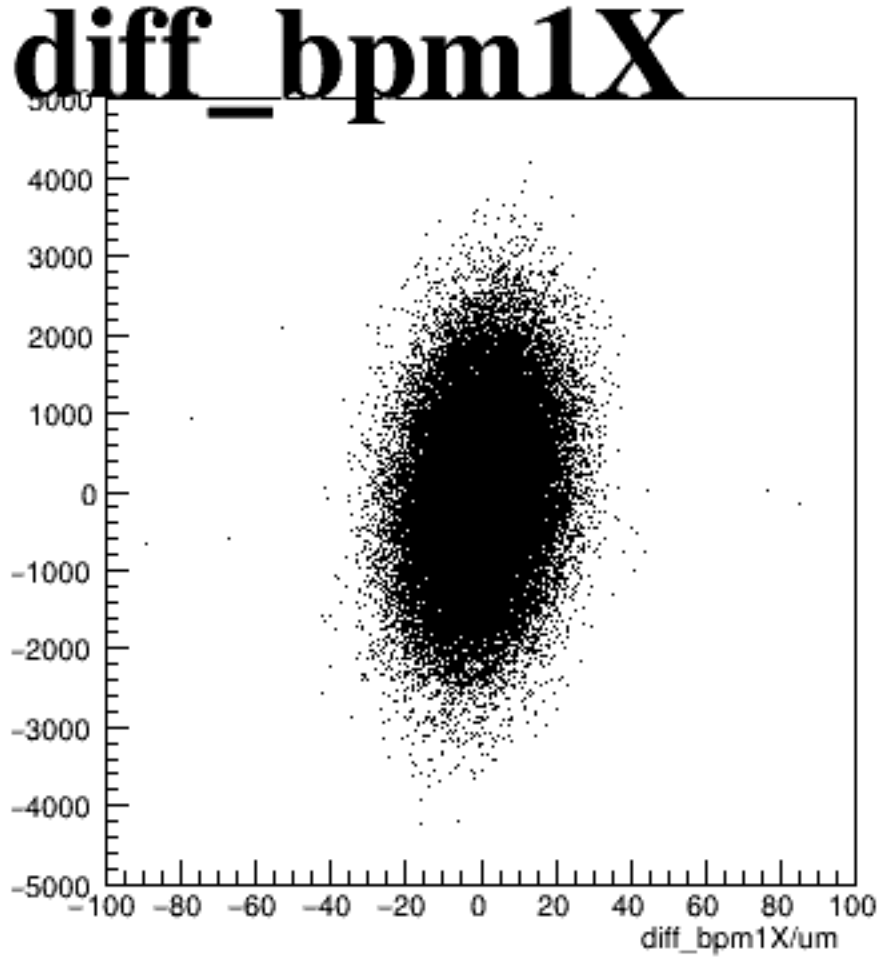
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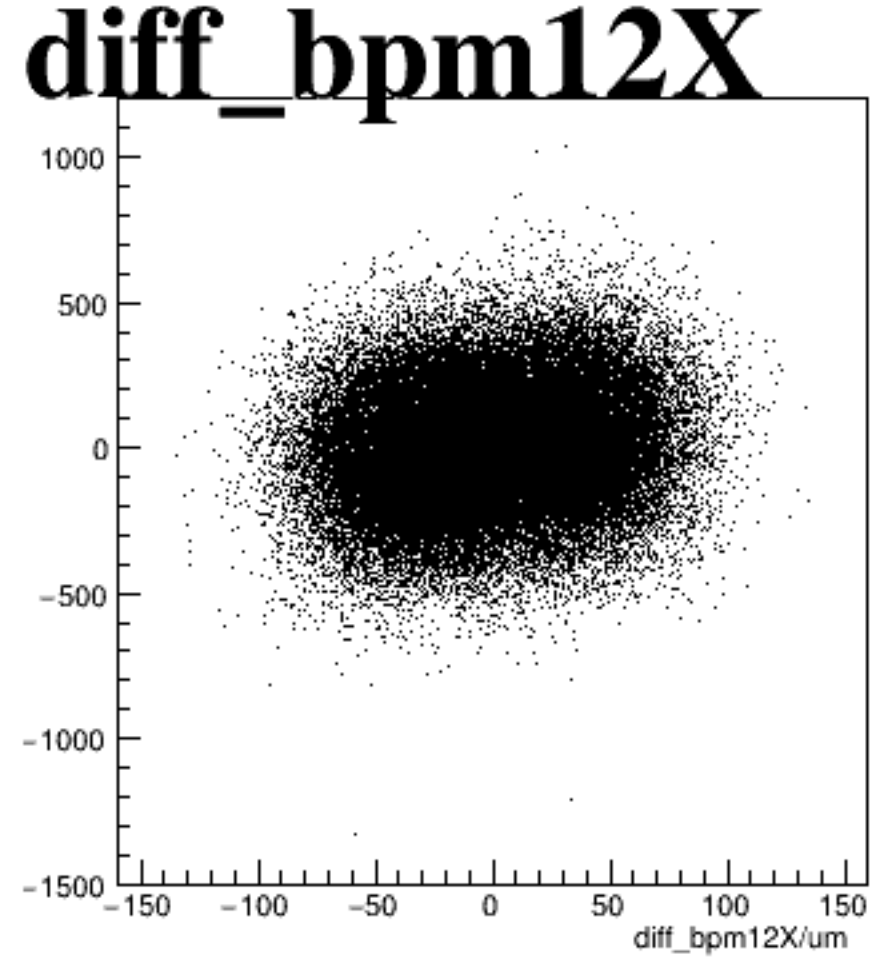
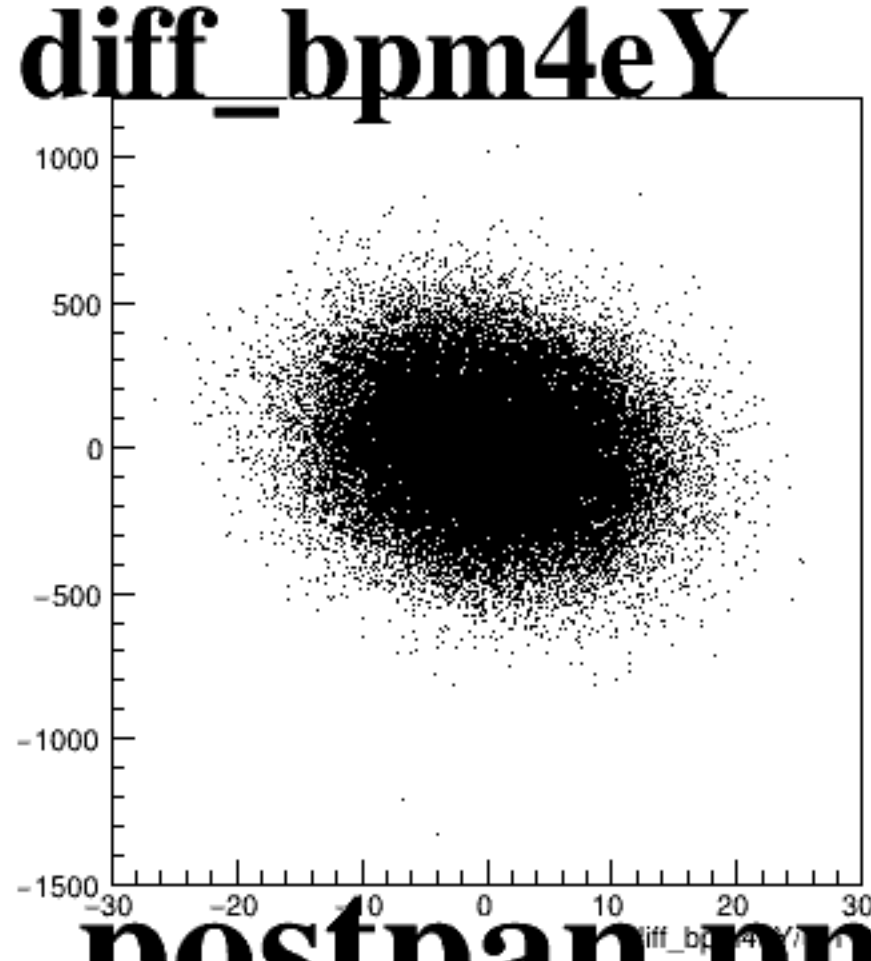
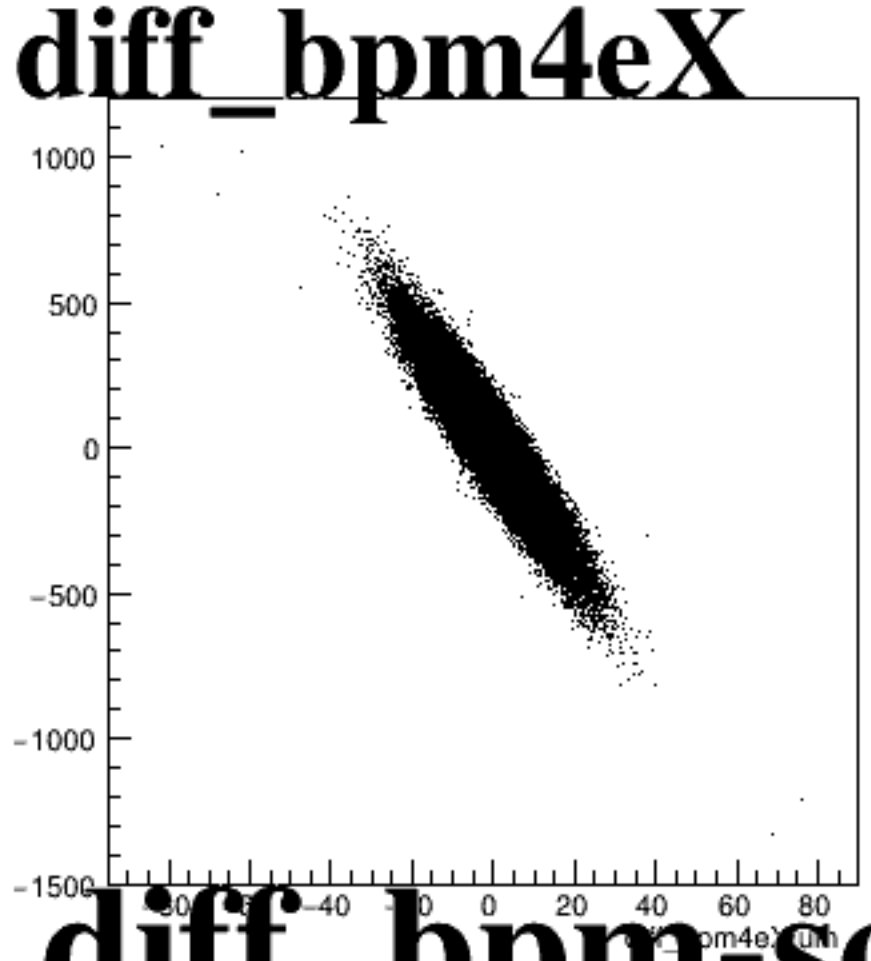
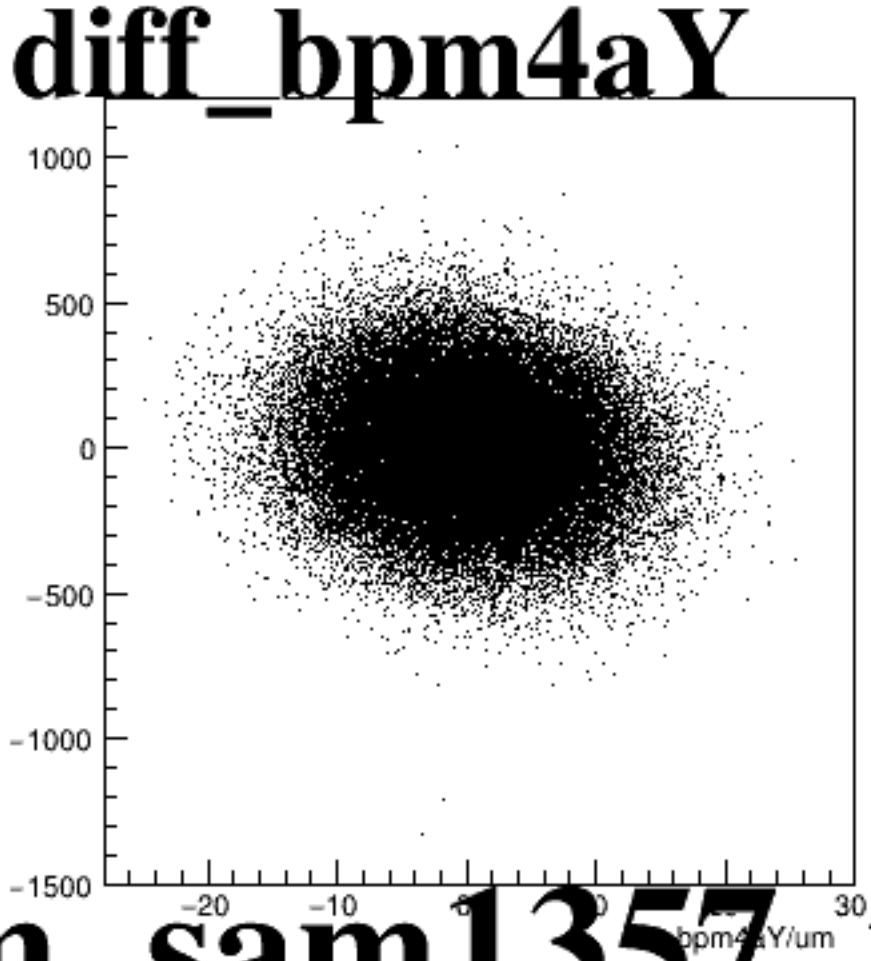
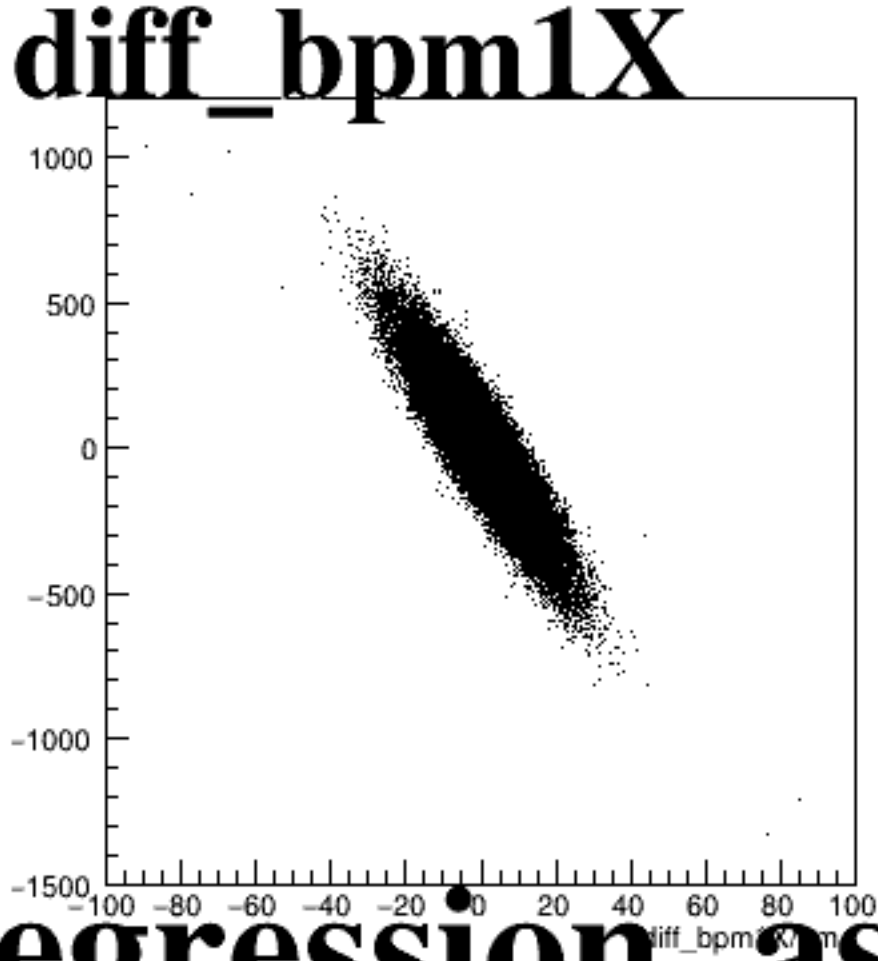
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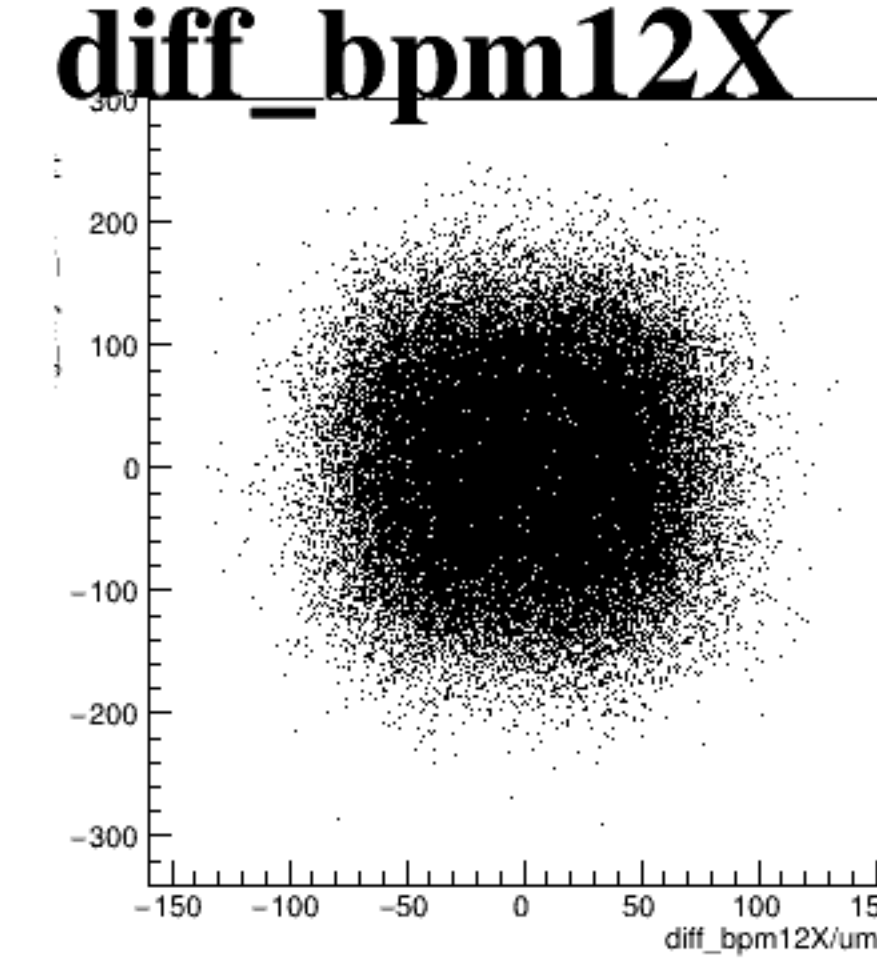
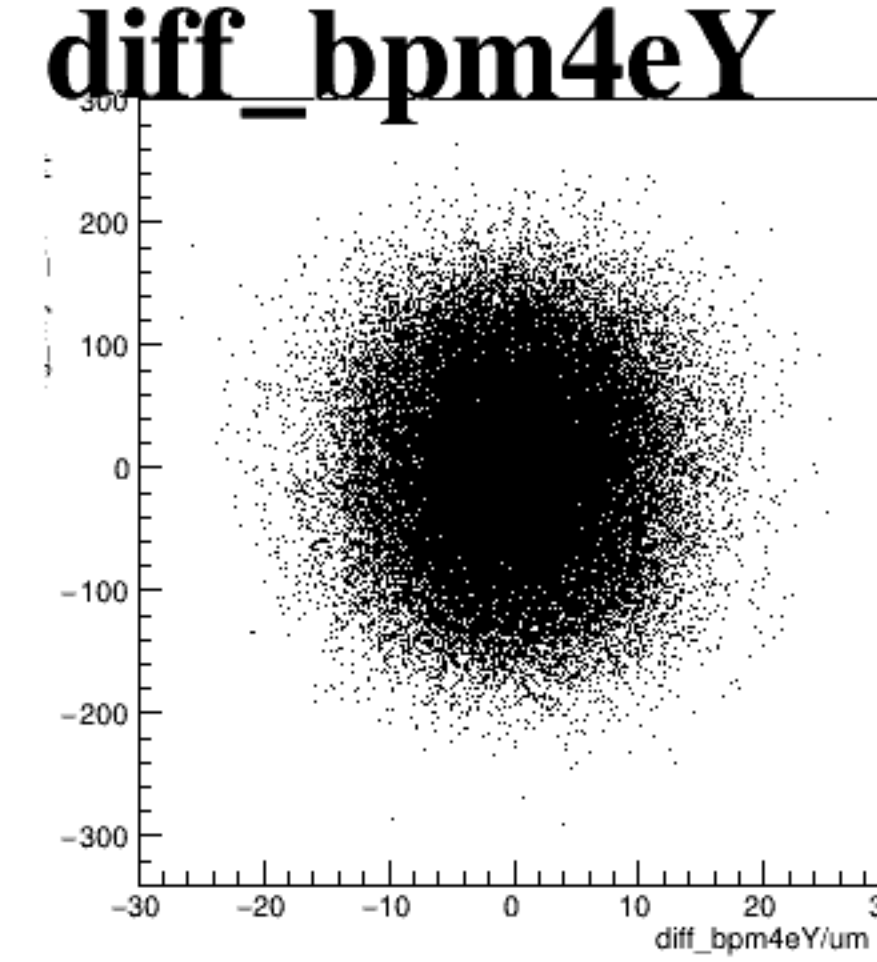
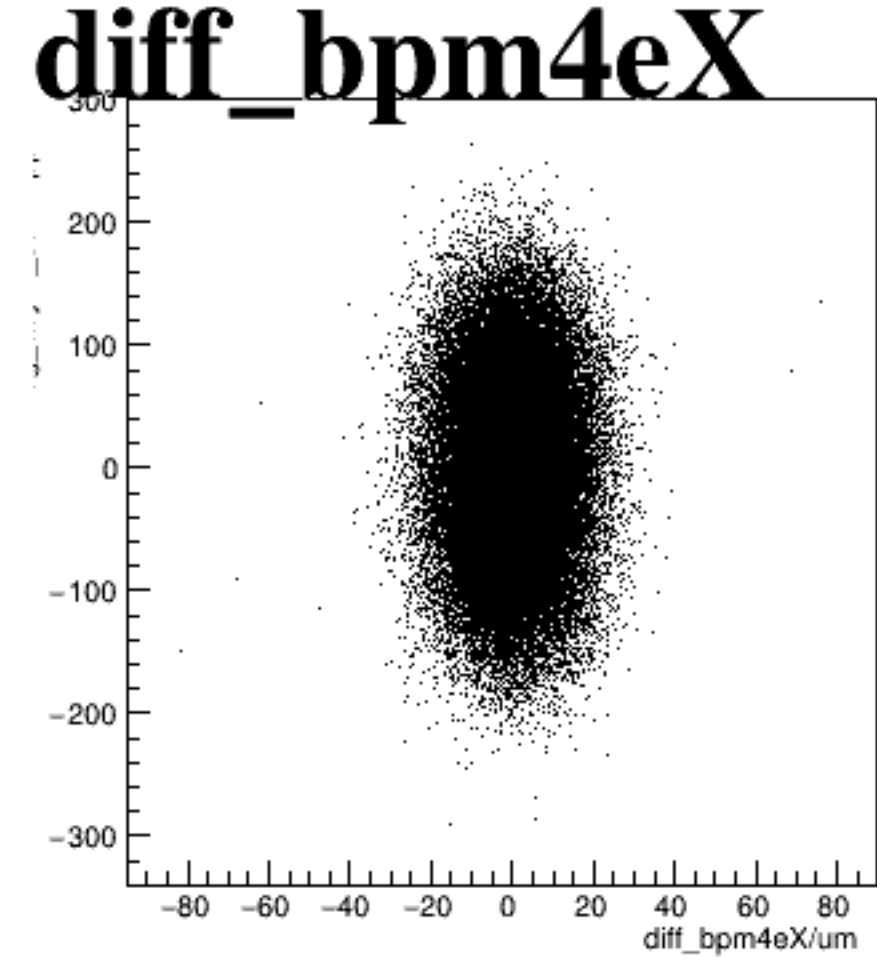
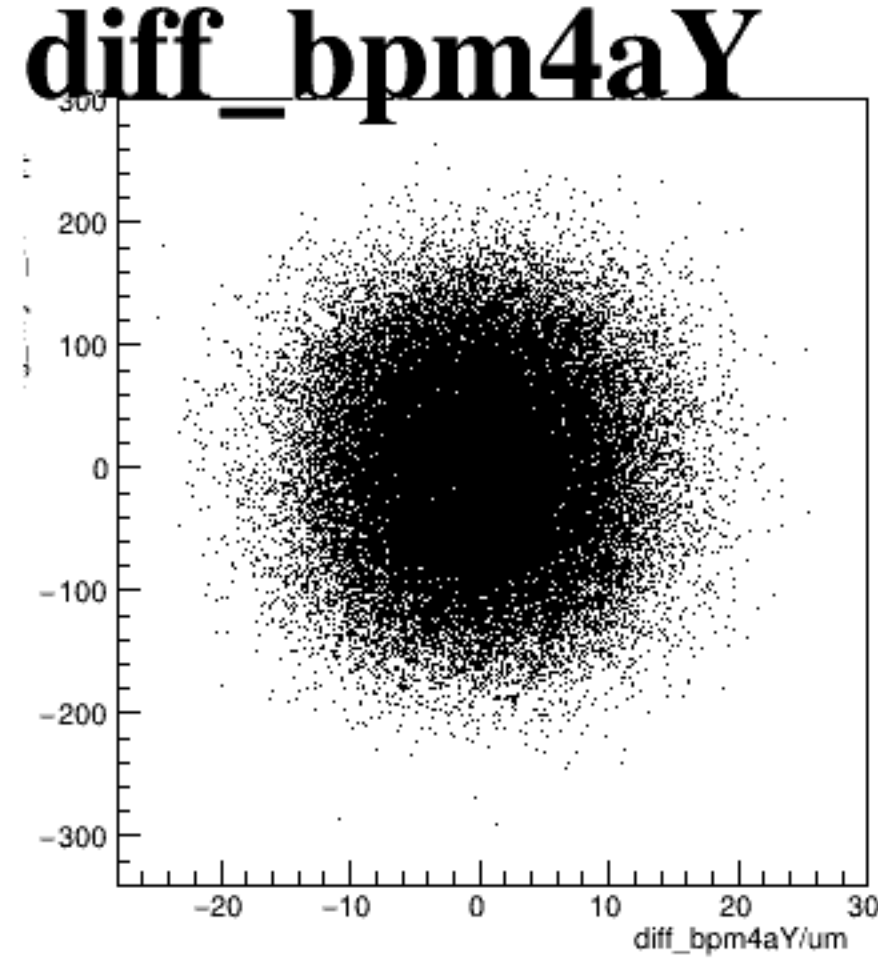
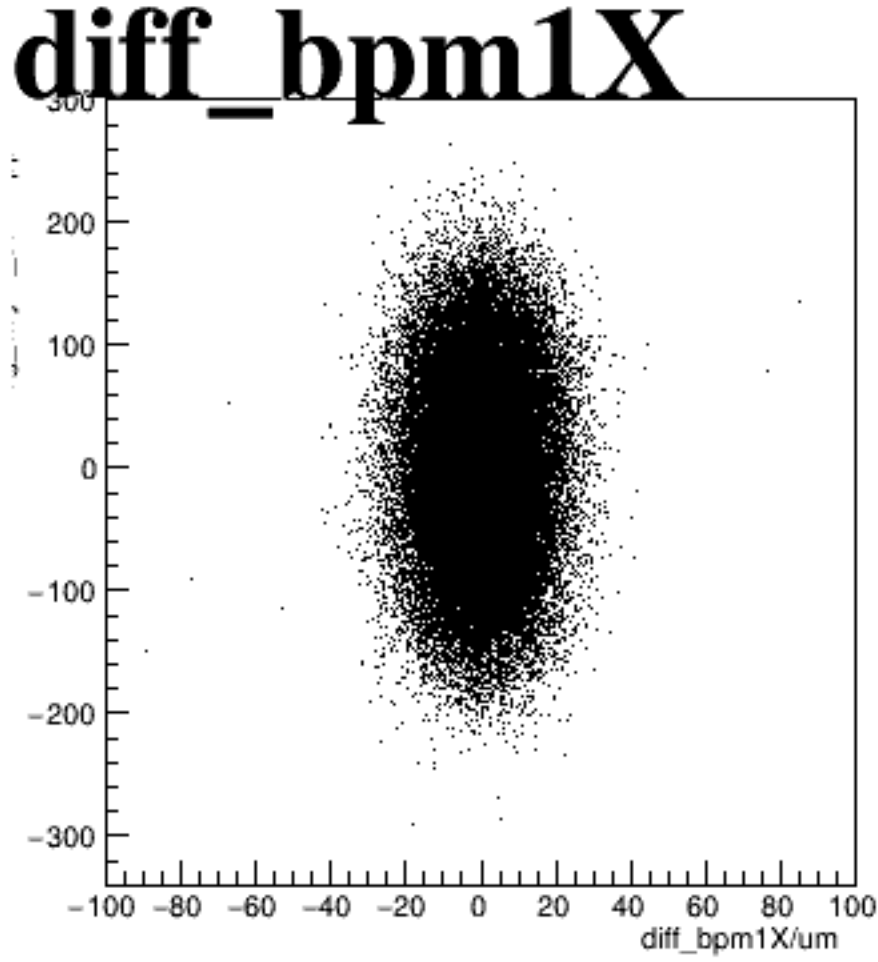
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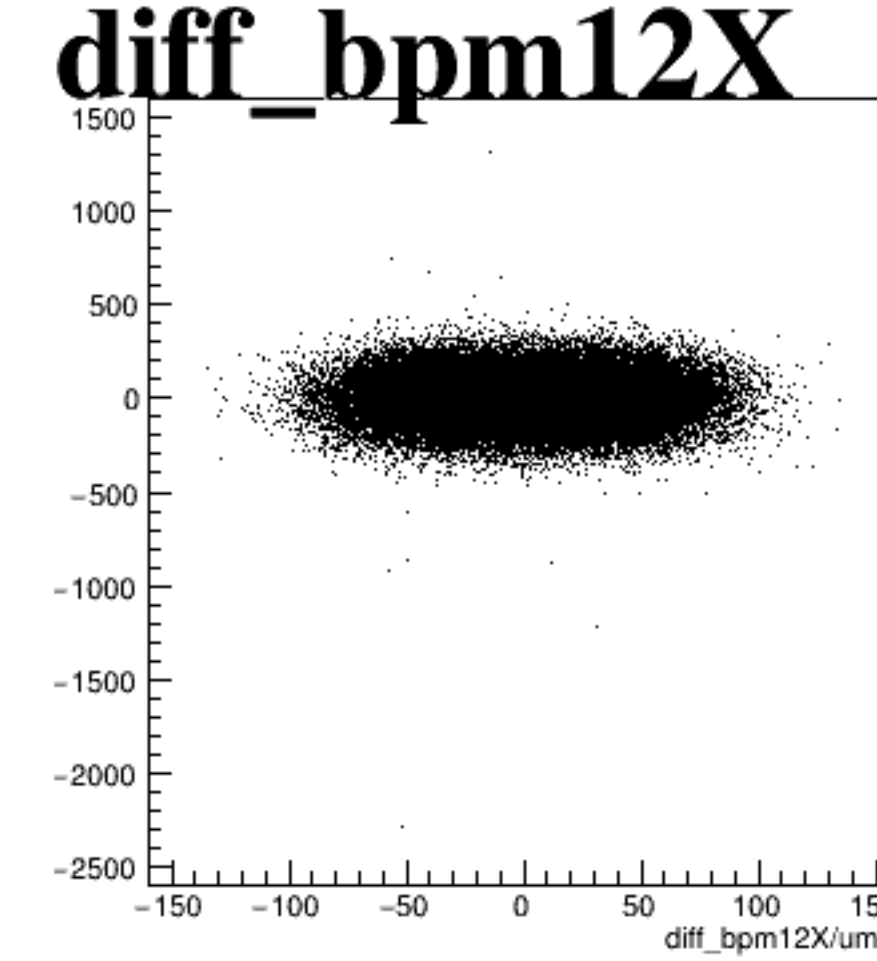
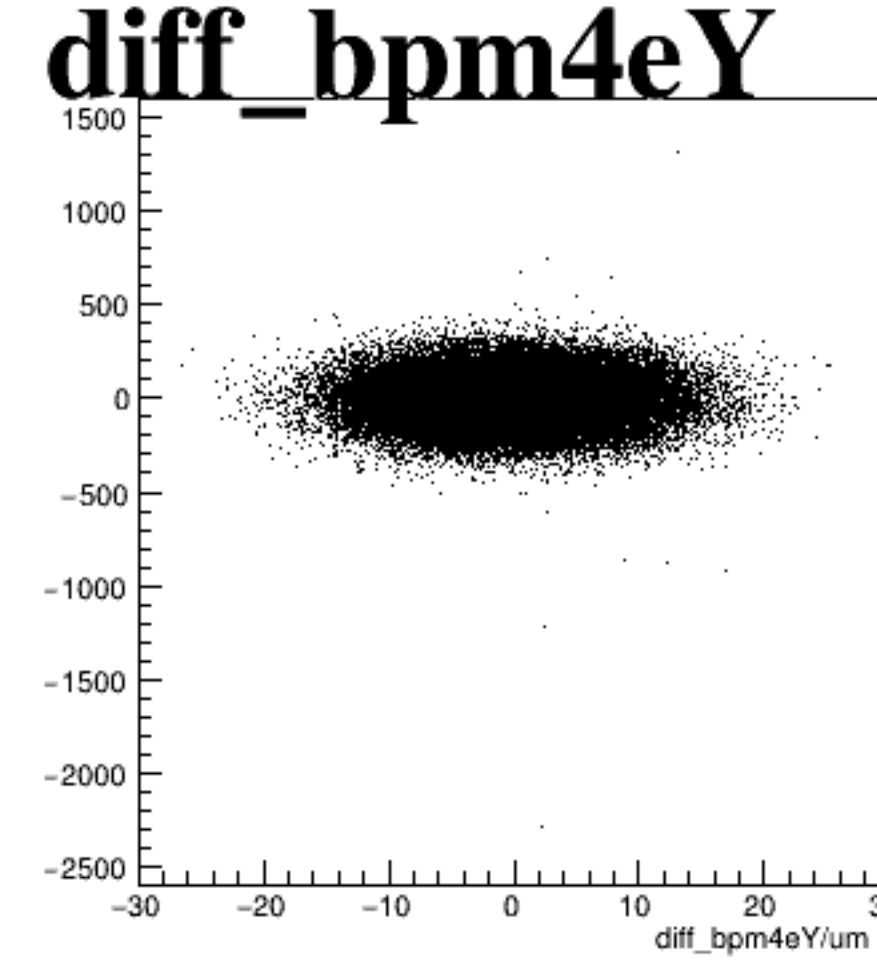
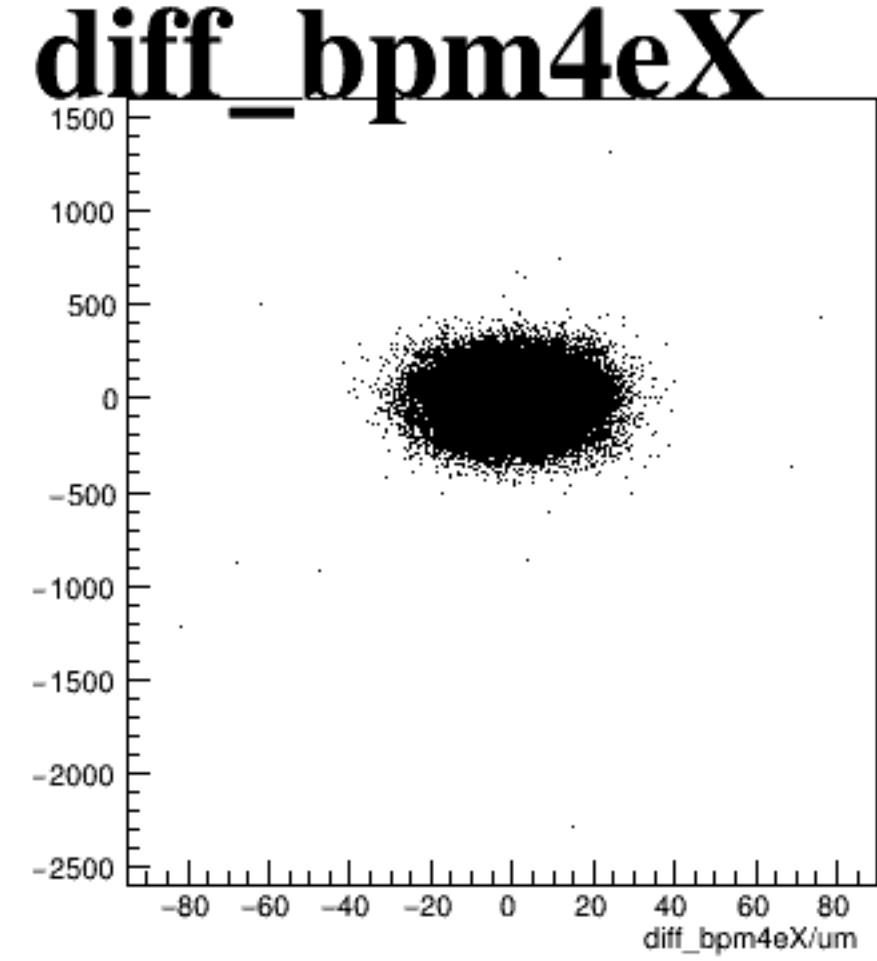
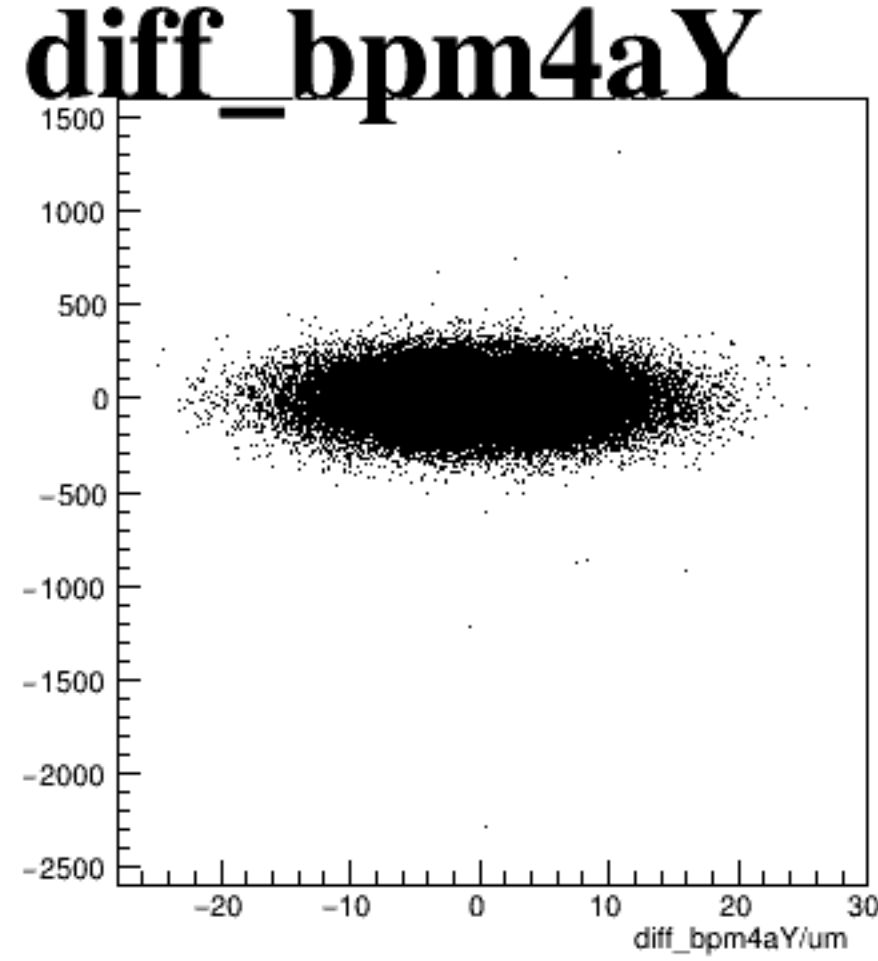
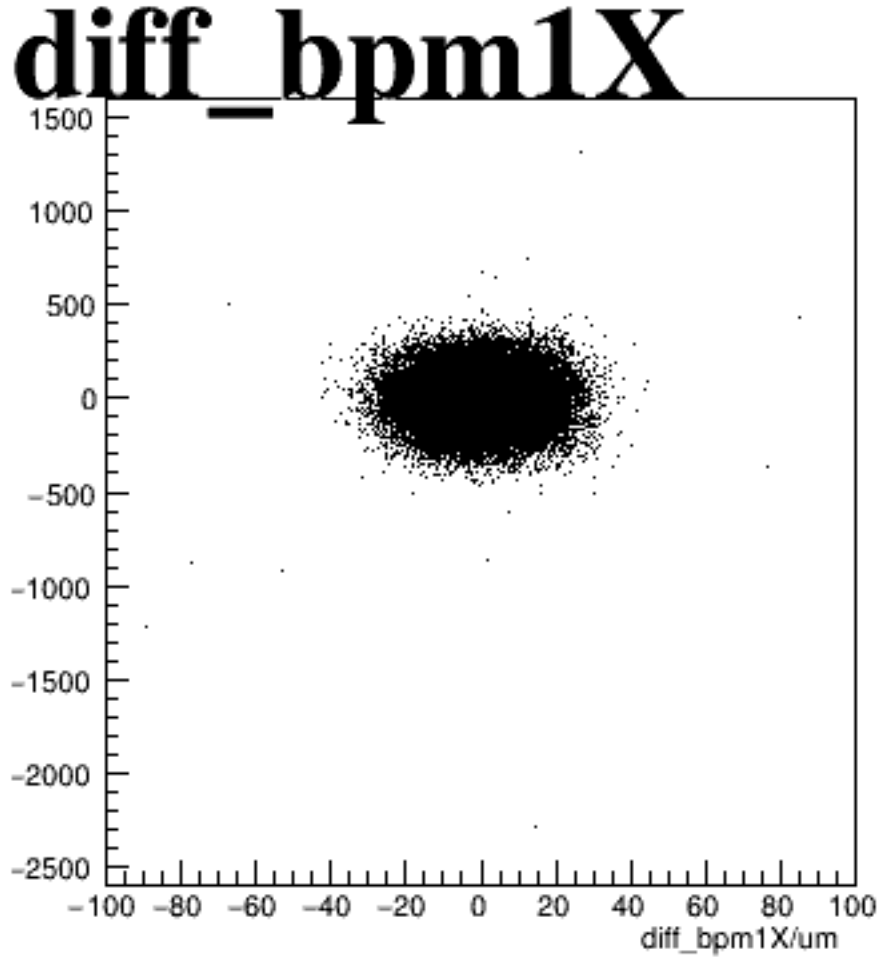
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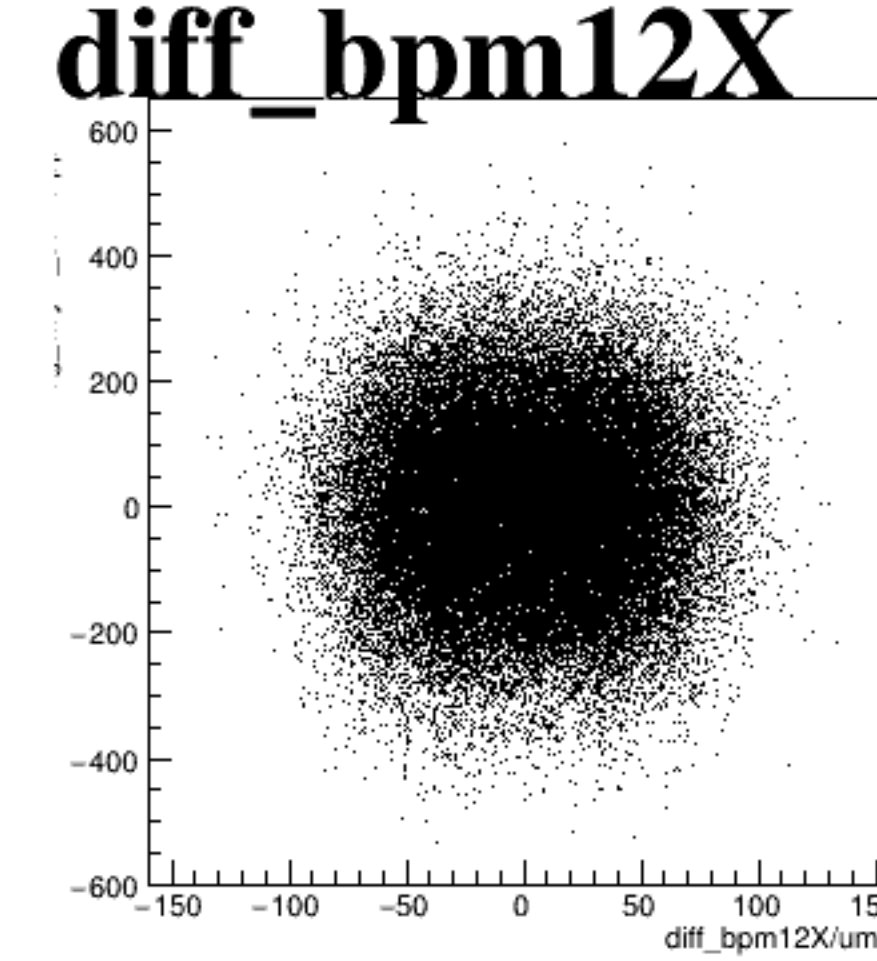
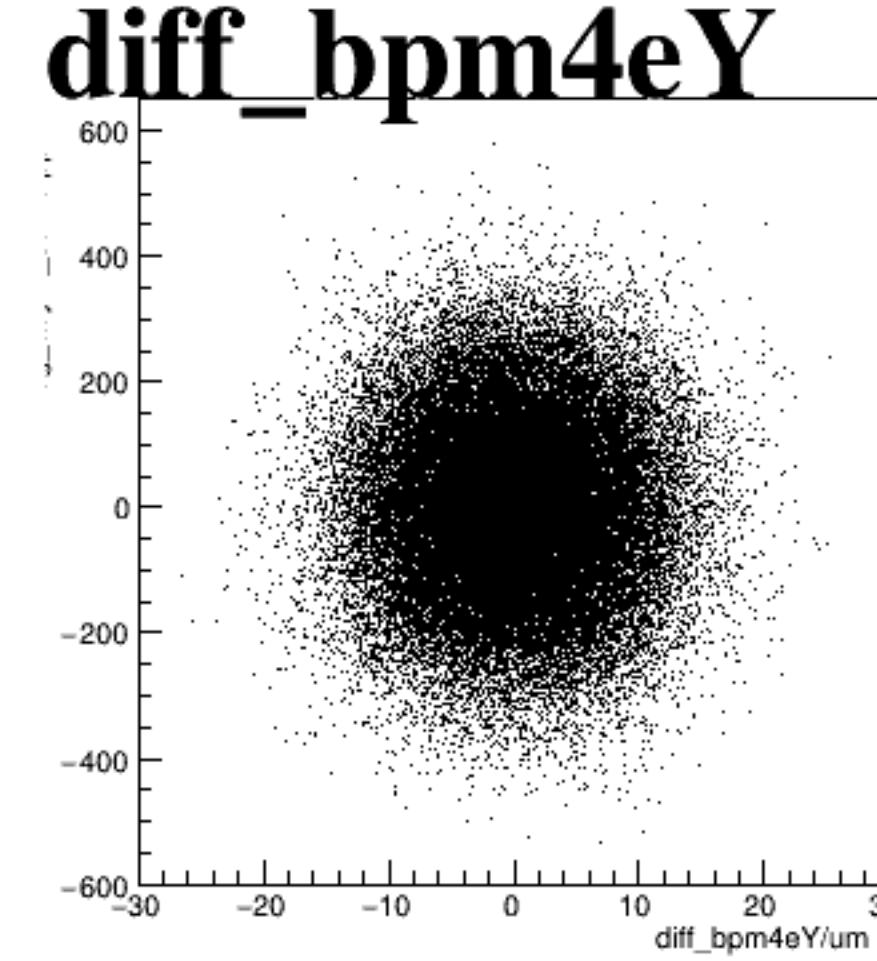
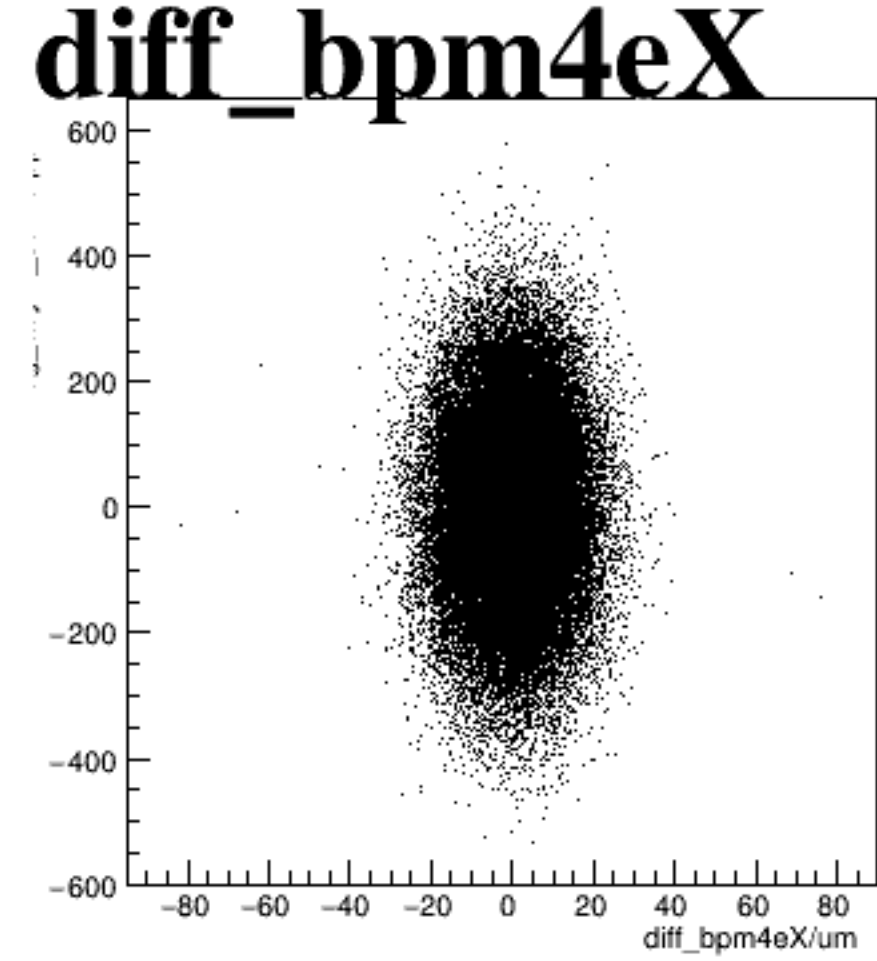
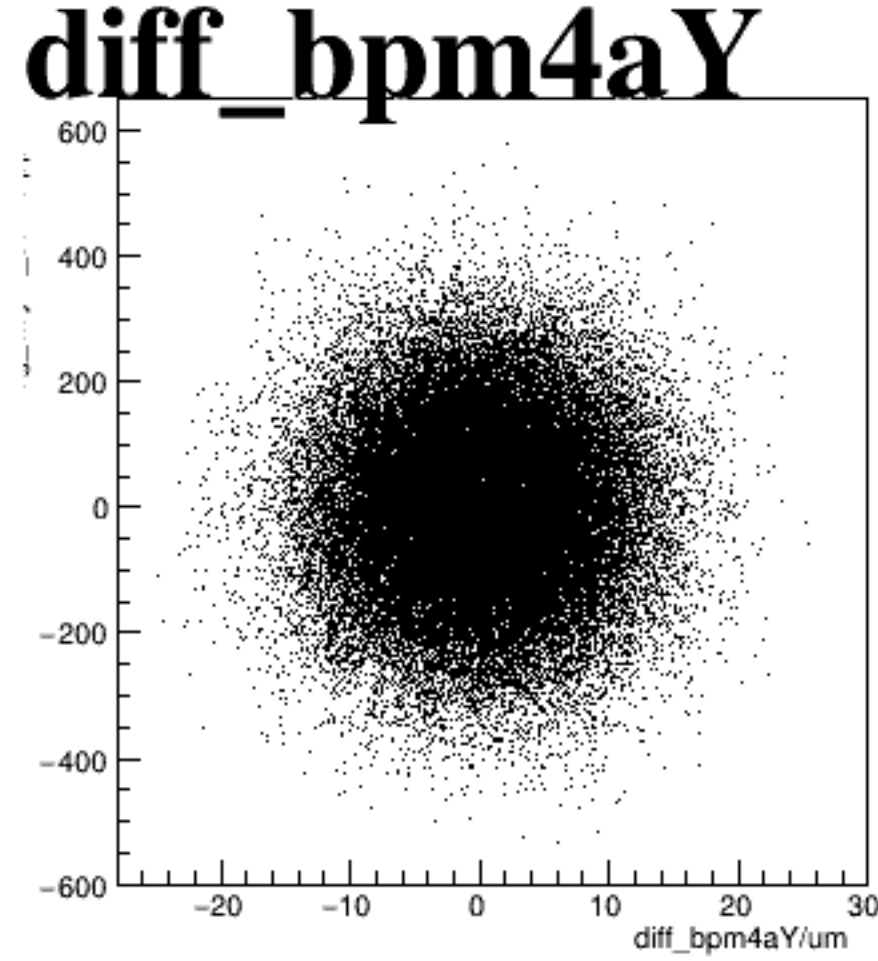
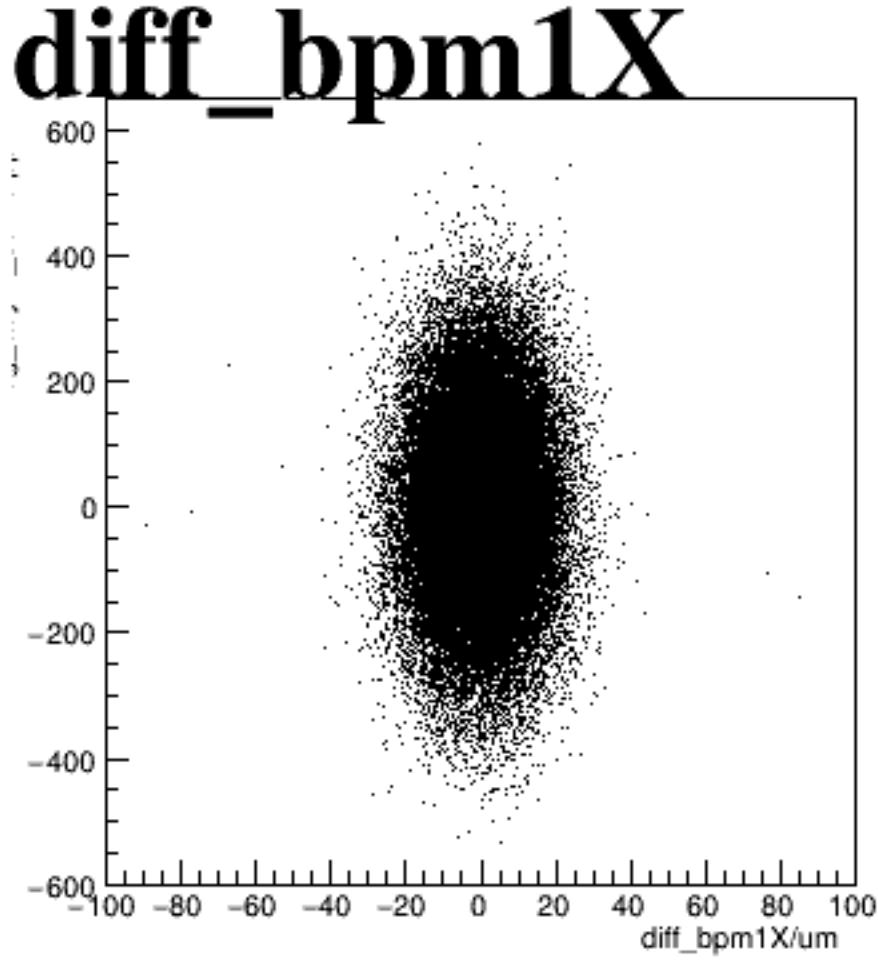
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

