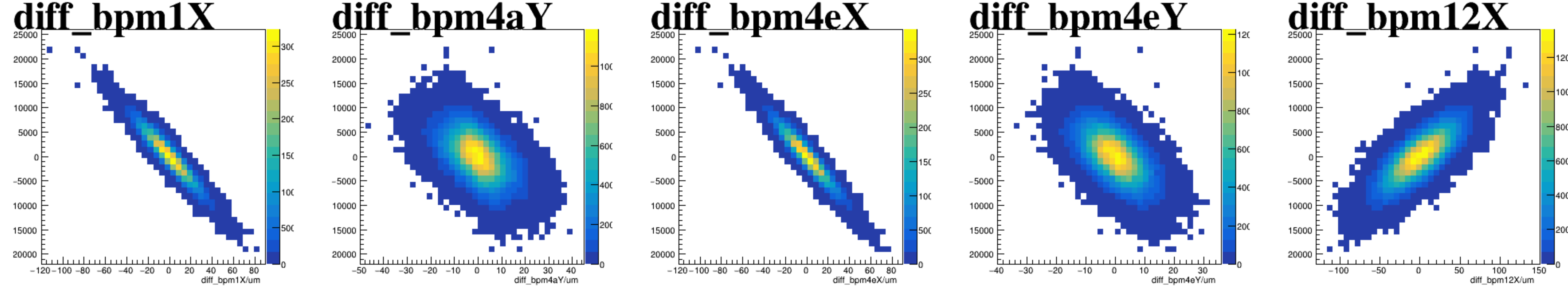
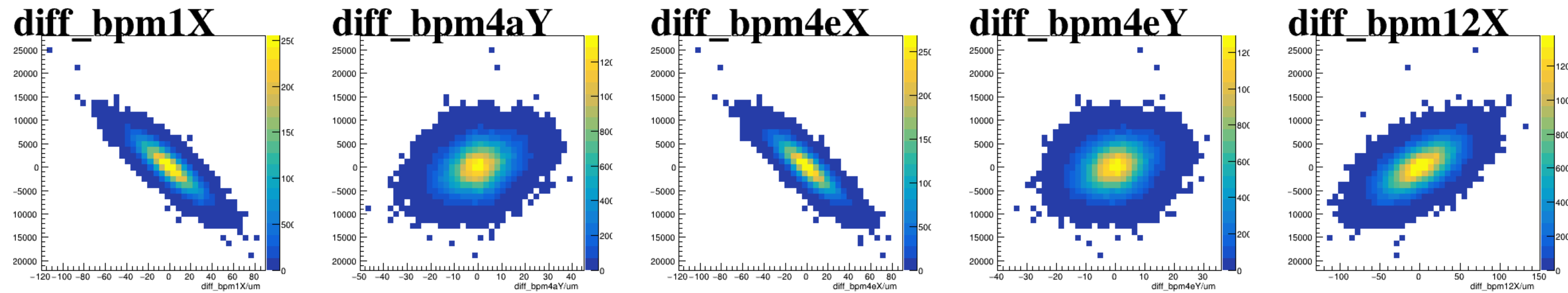


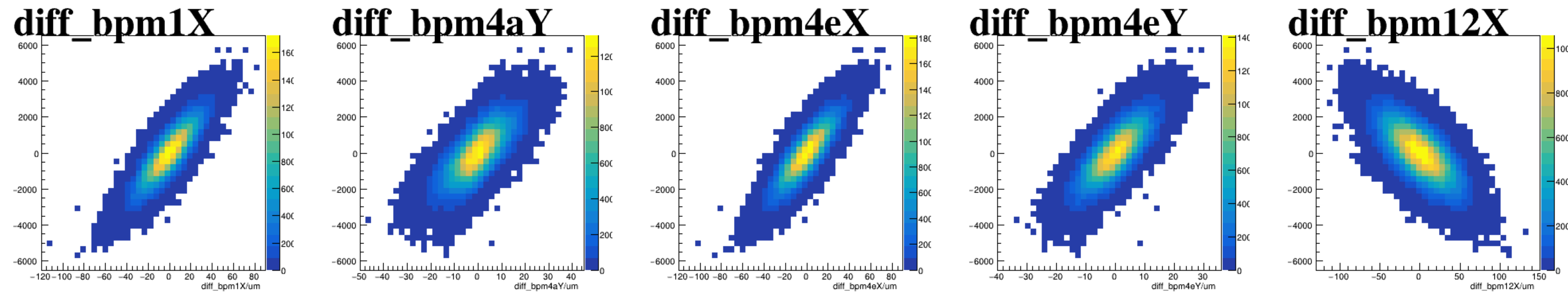
asym_sam2



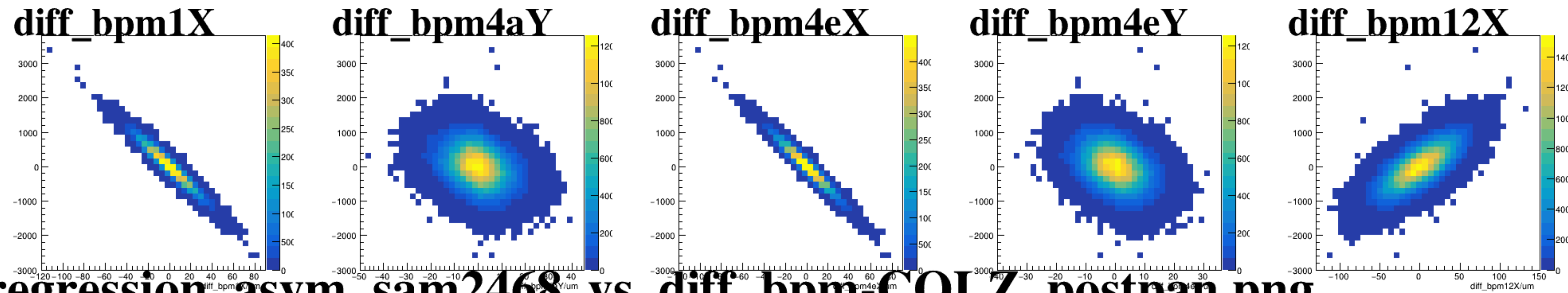
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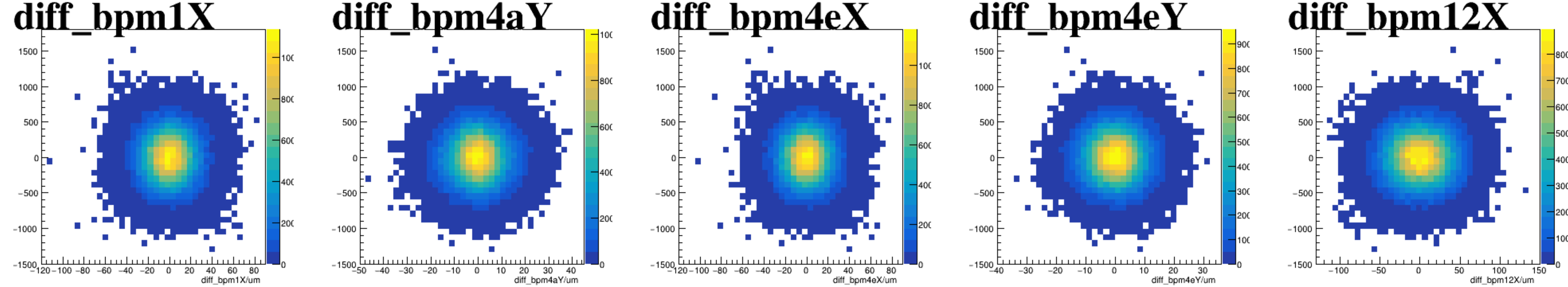
asym_sam6



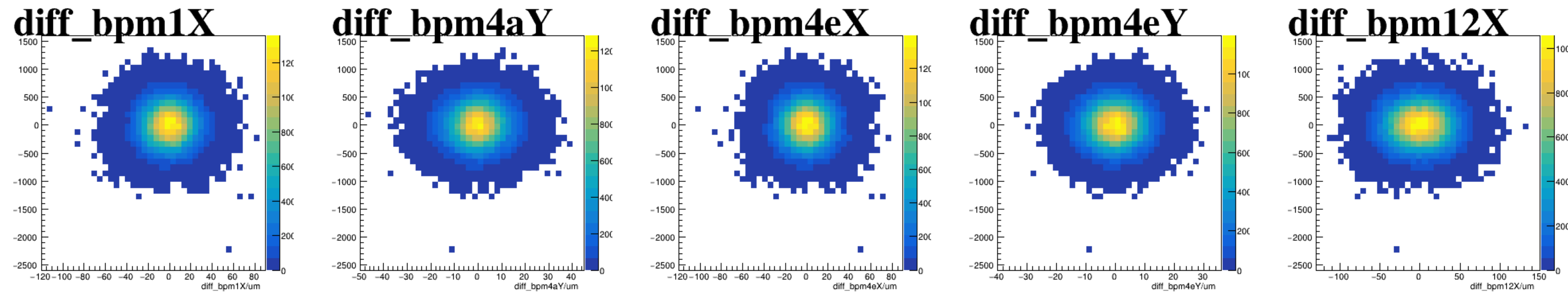
asym_sam8



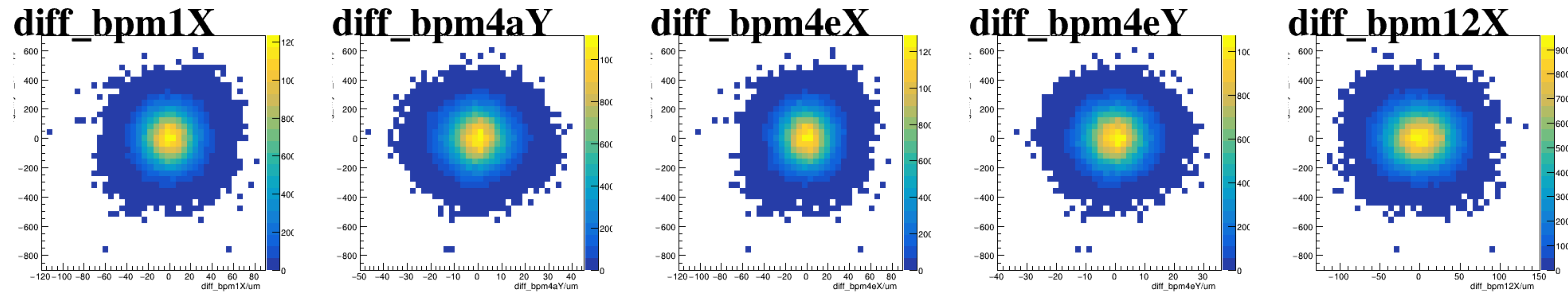
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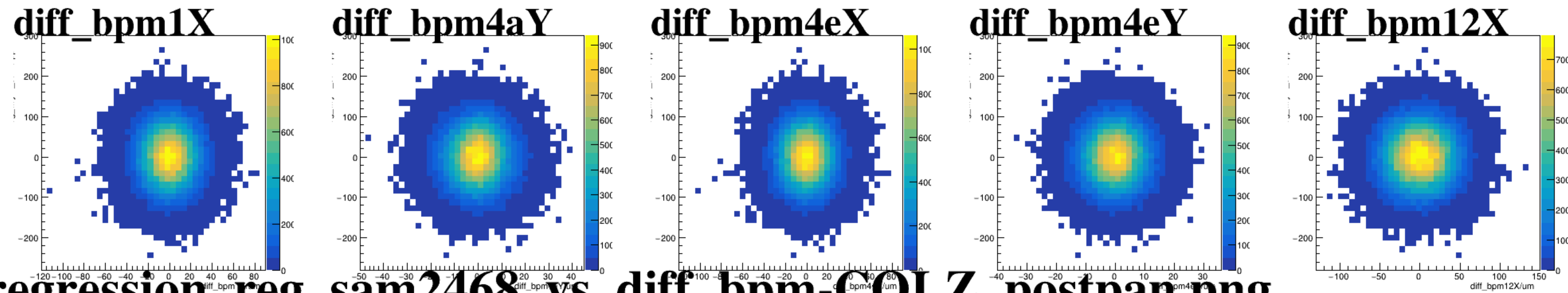
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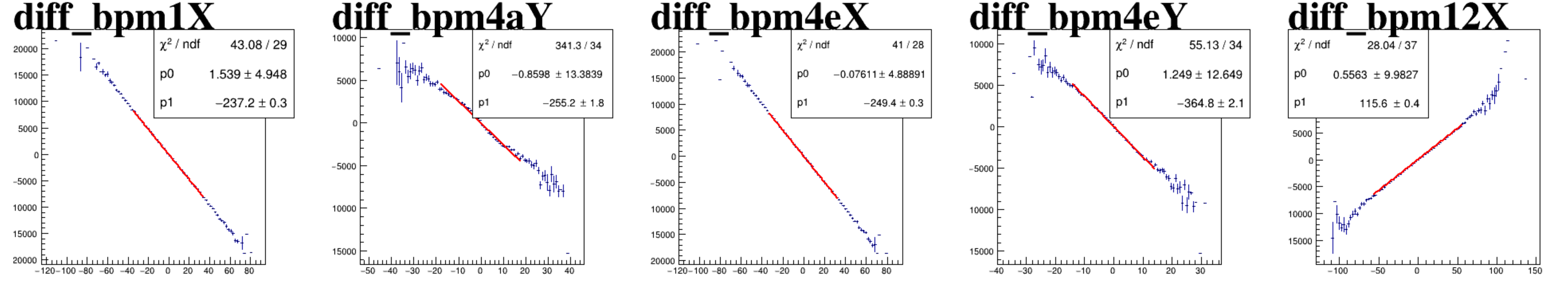
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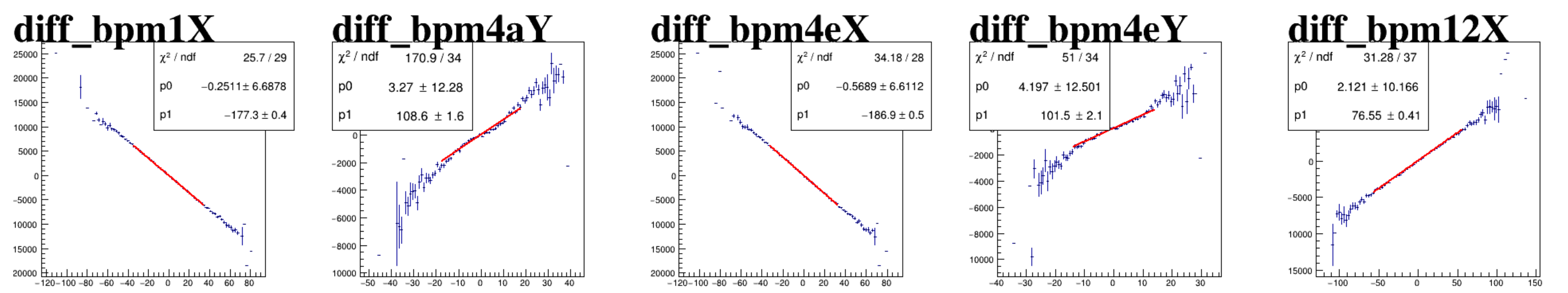
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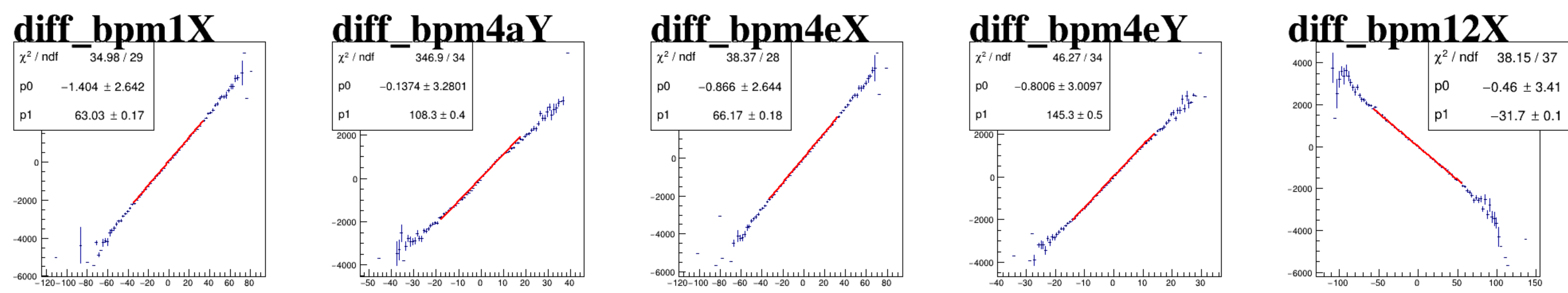
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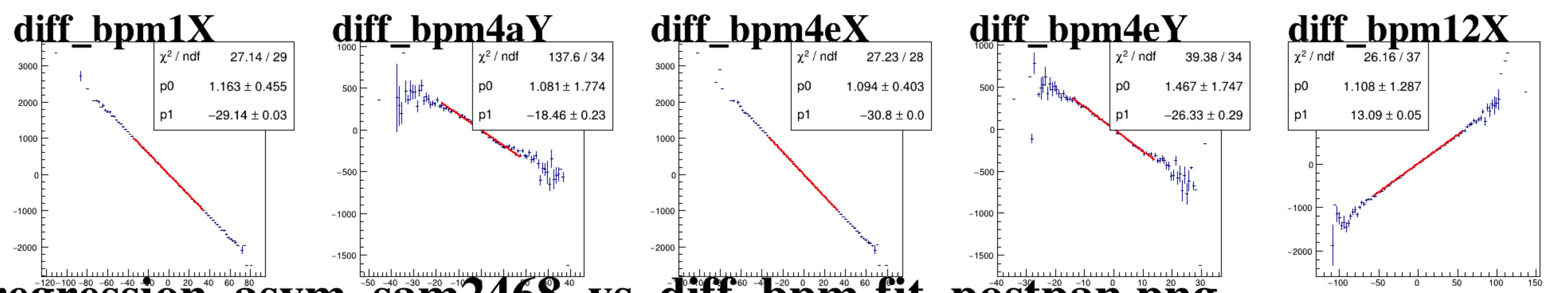
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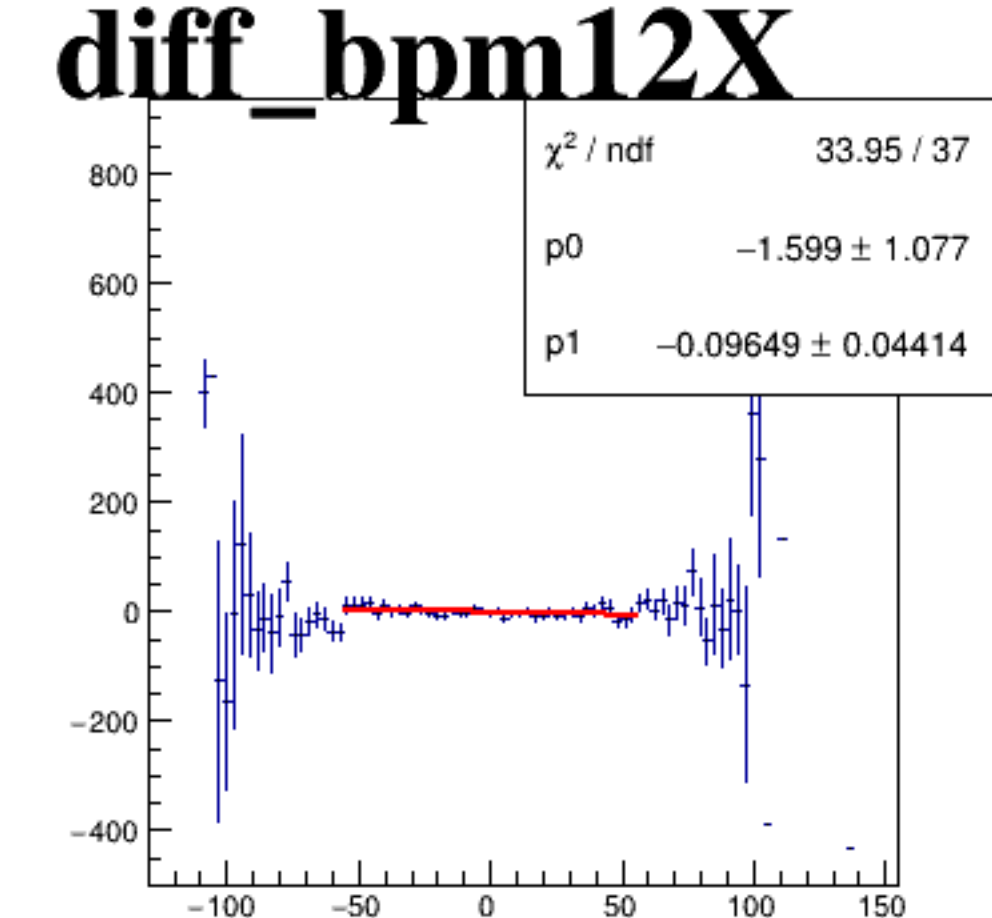
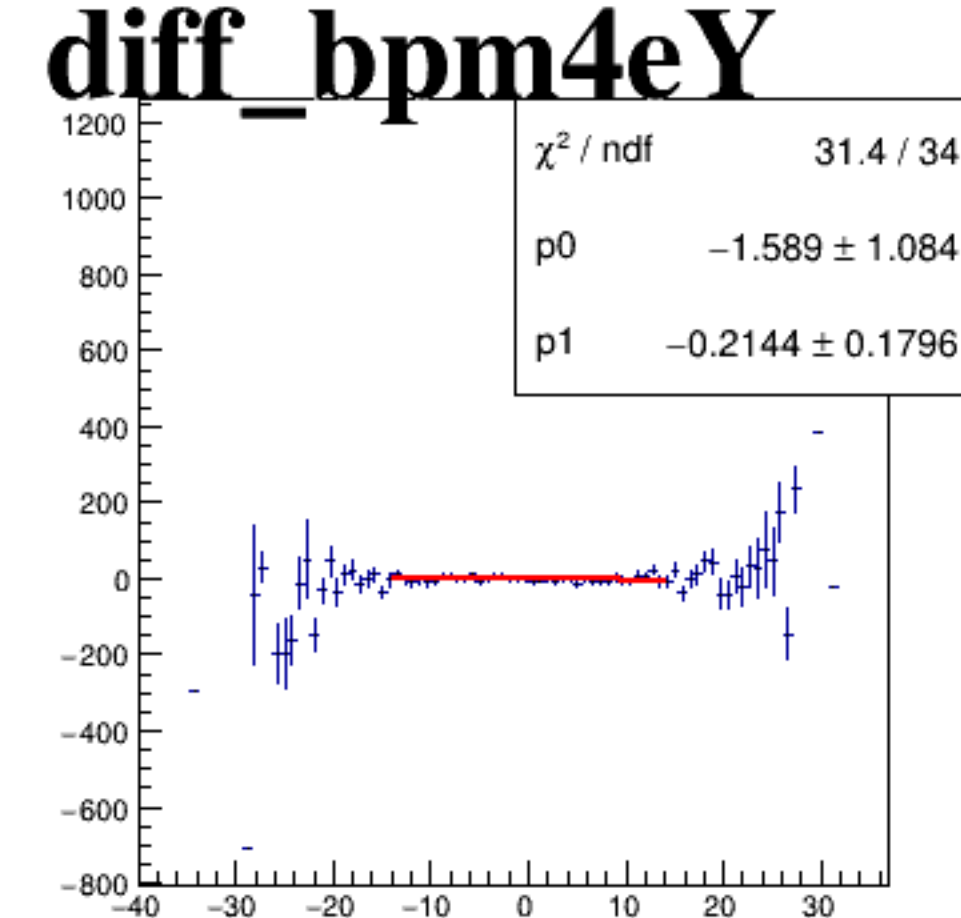
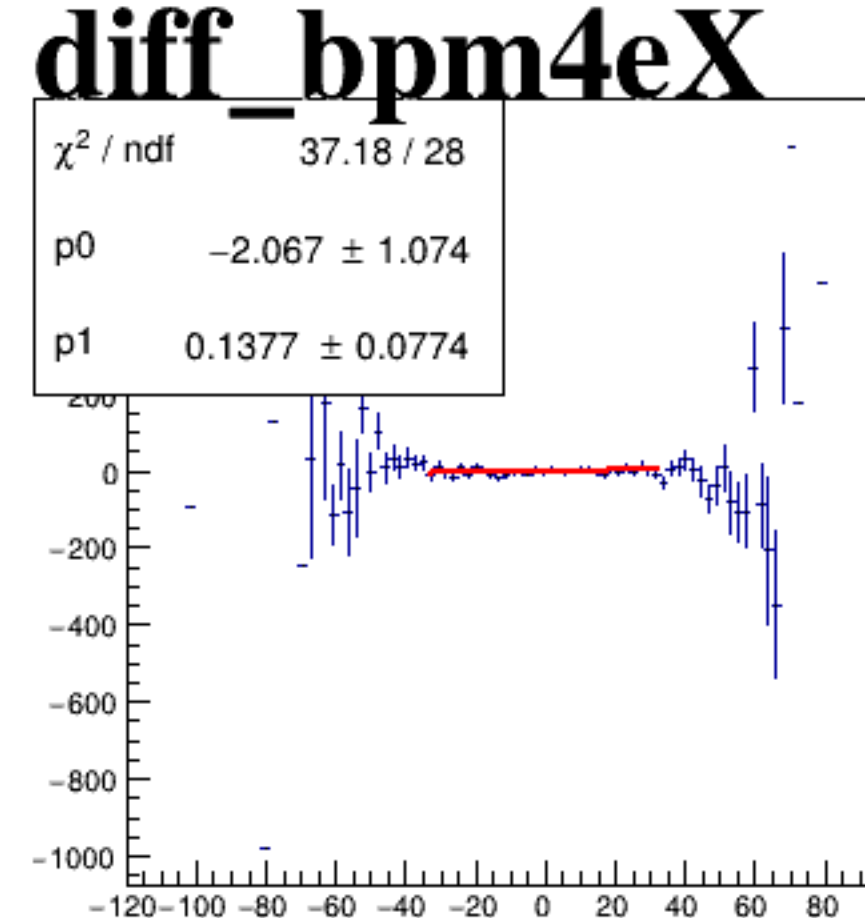
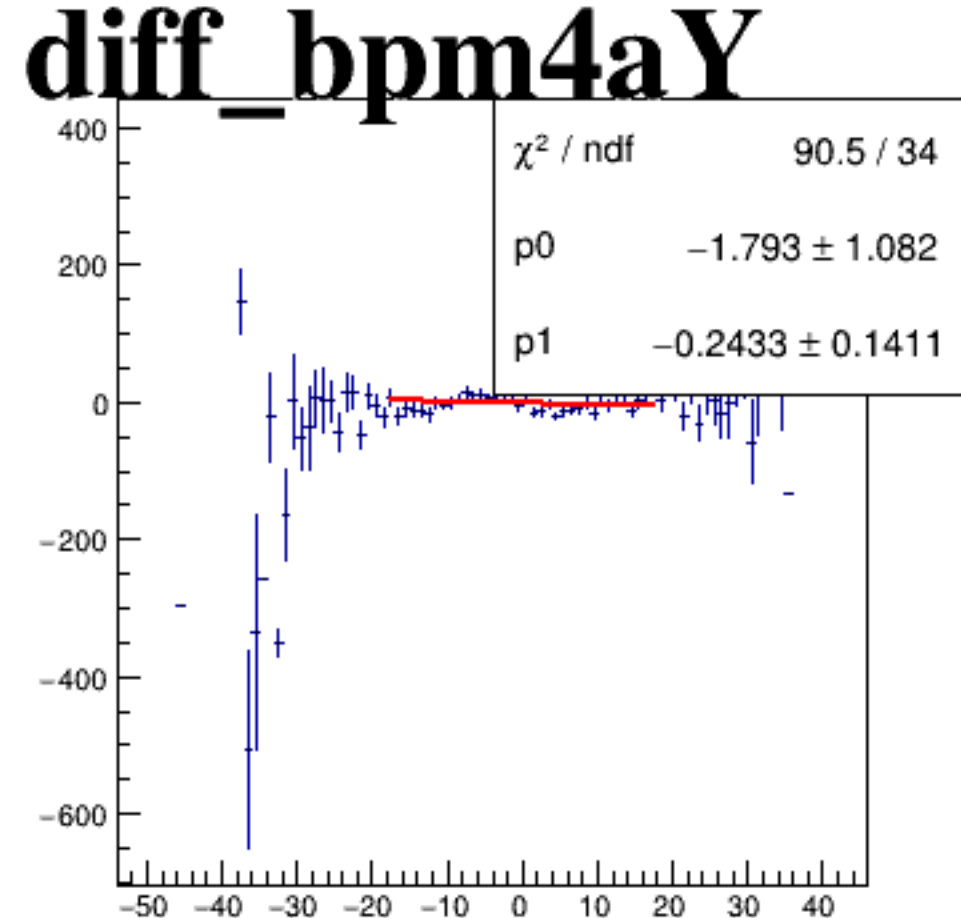
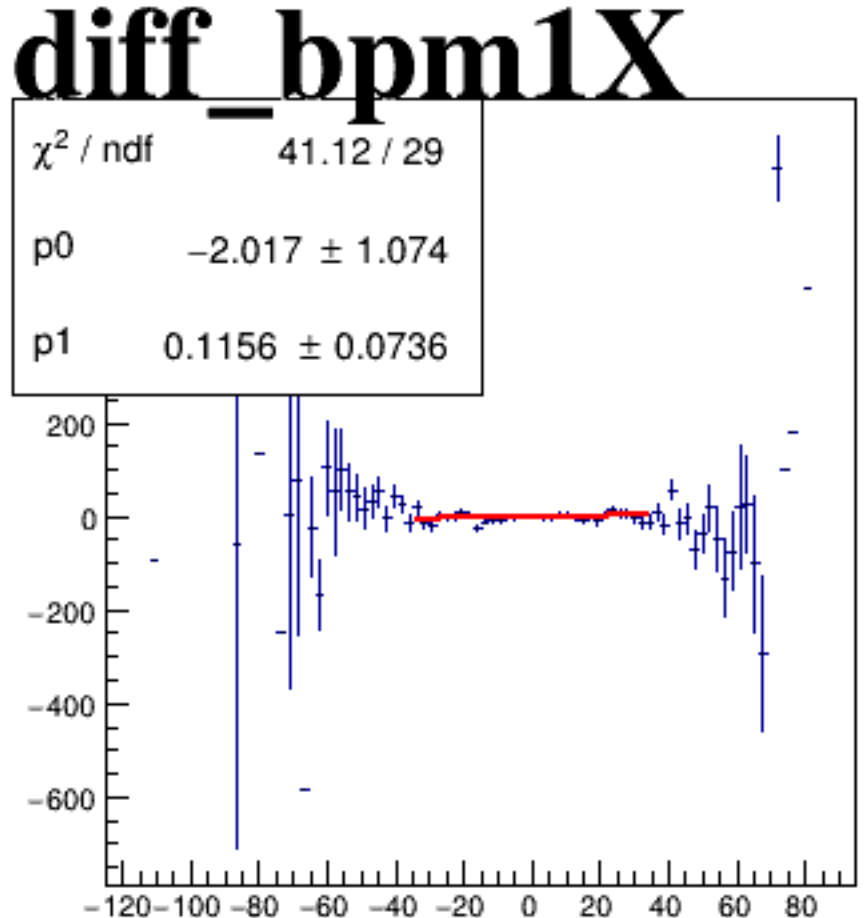
asym_sam6



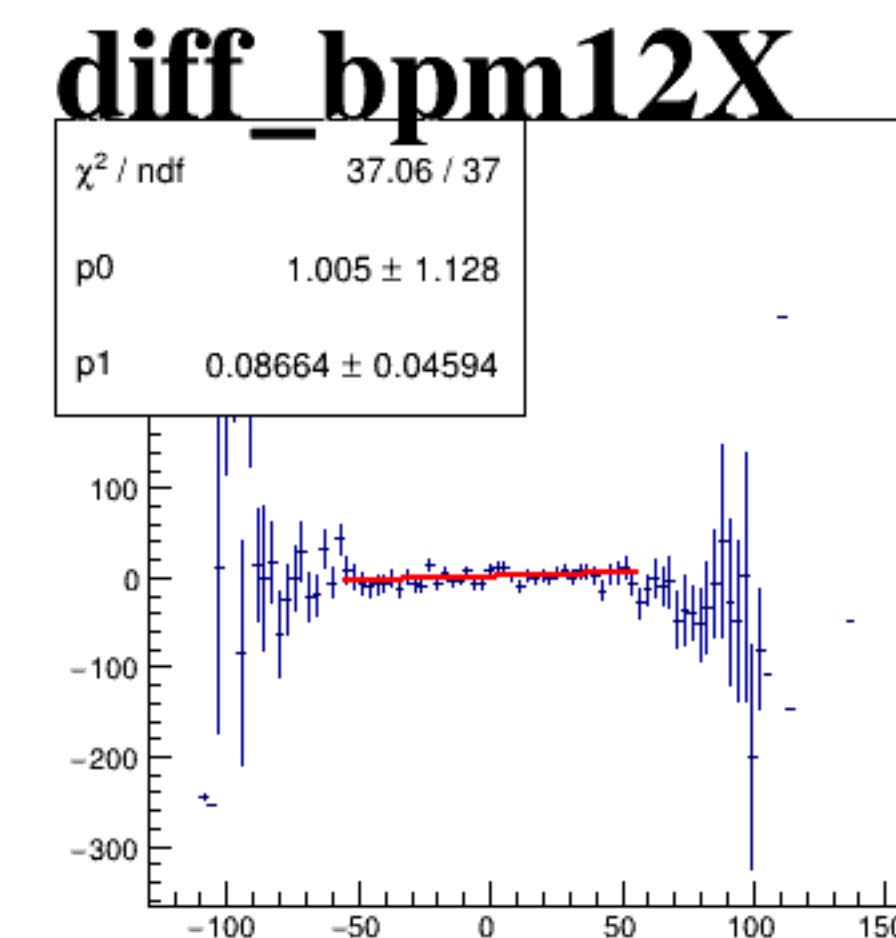
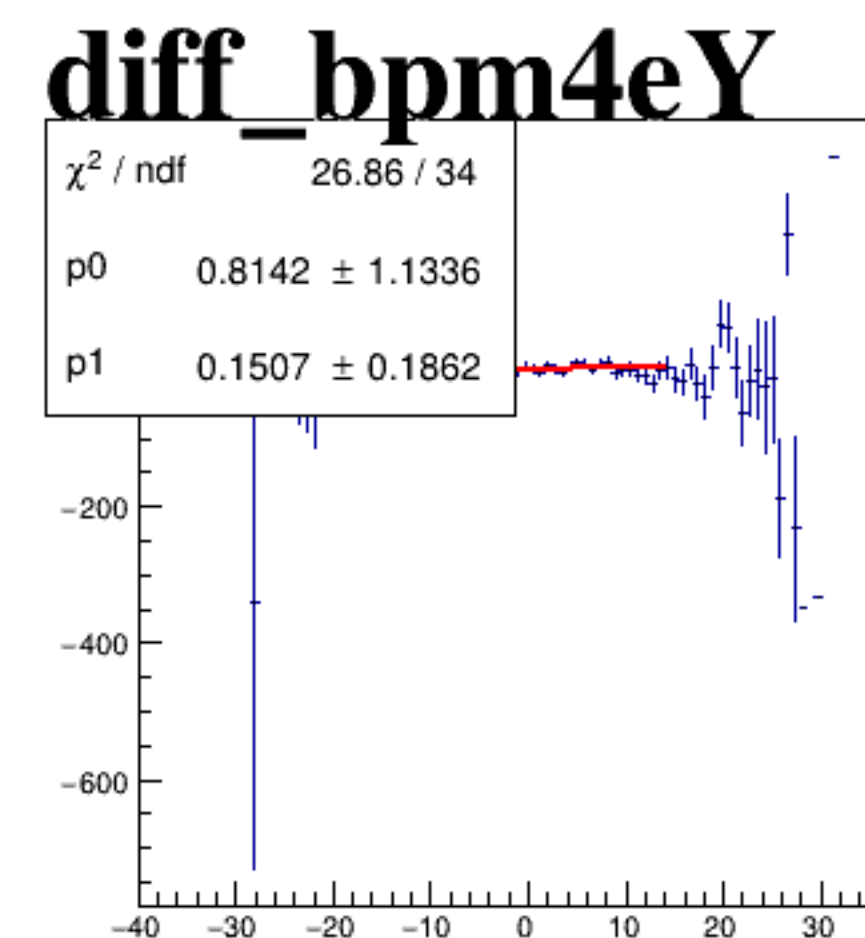
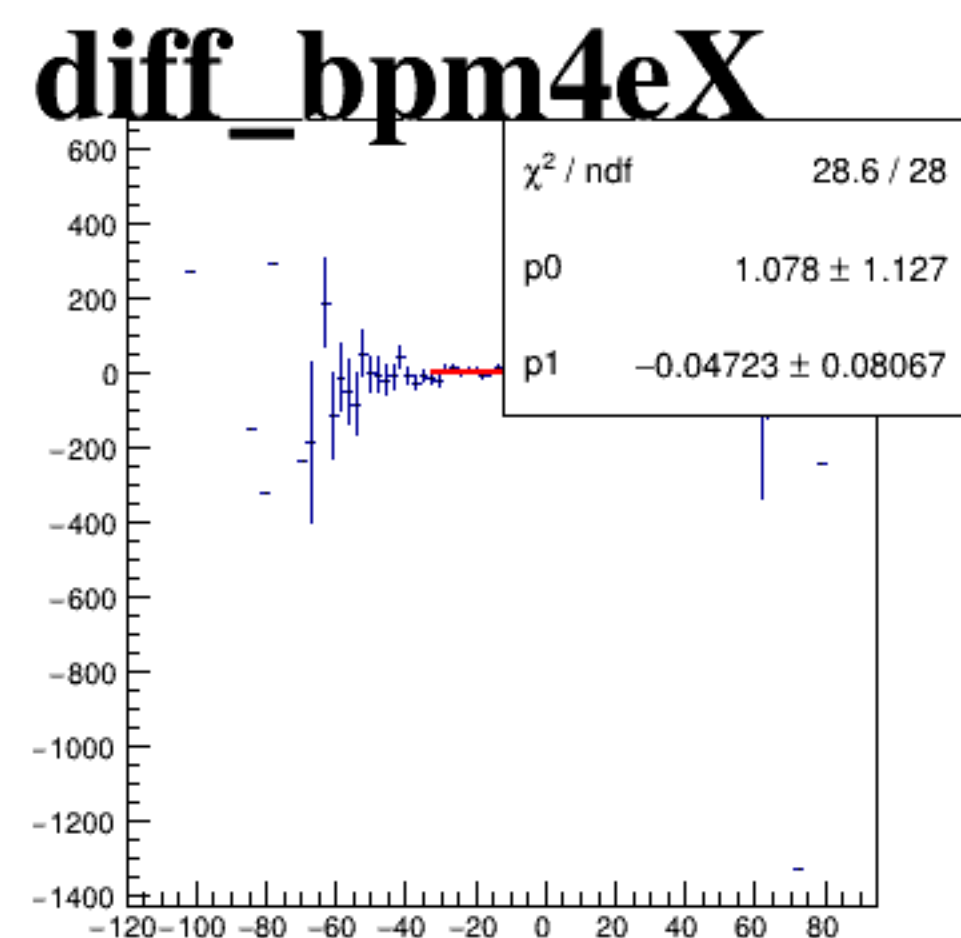
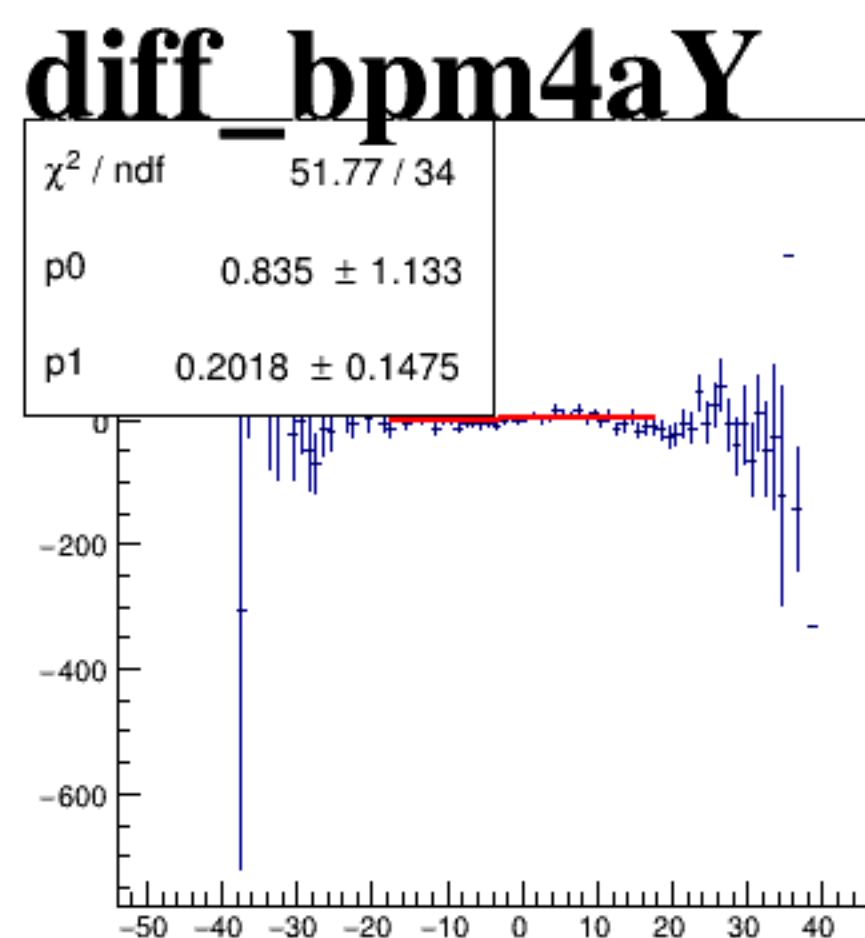
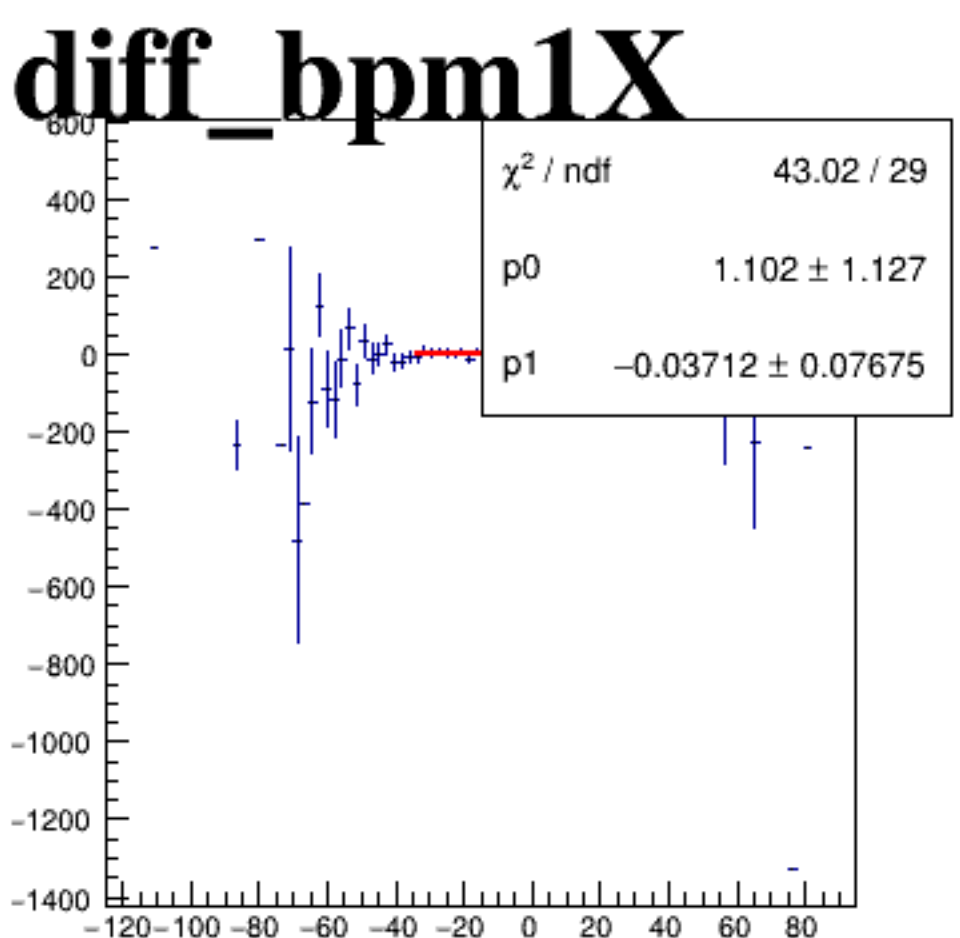
asym_sam8



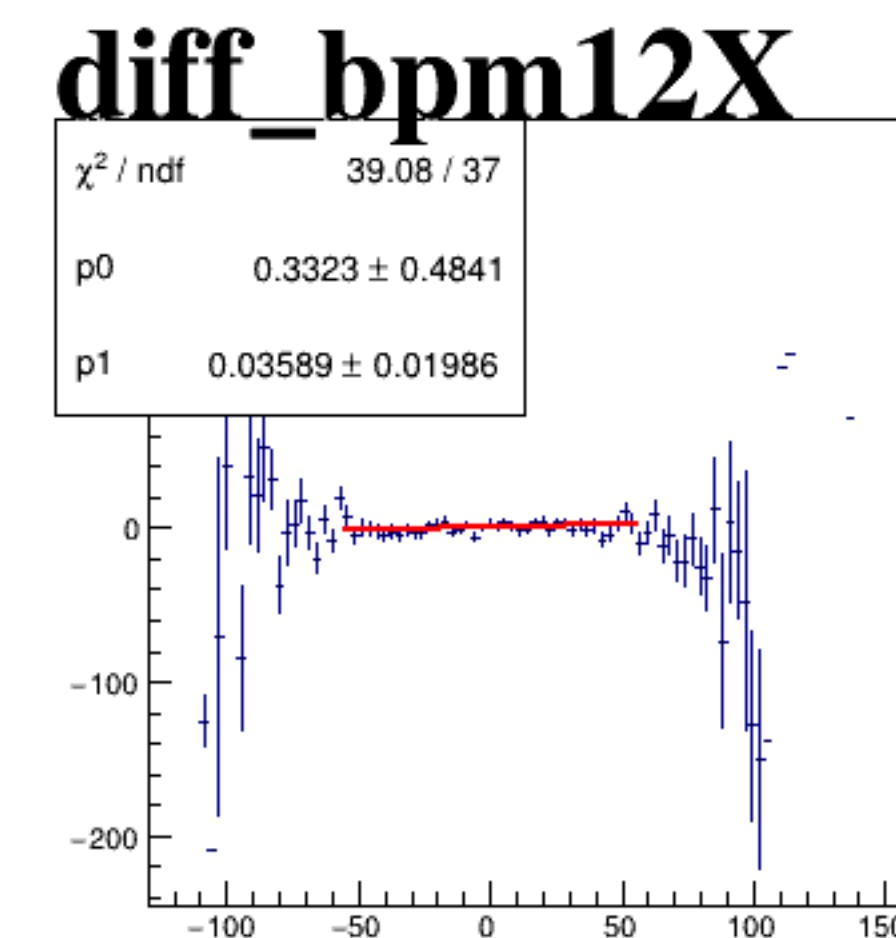
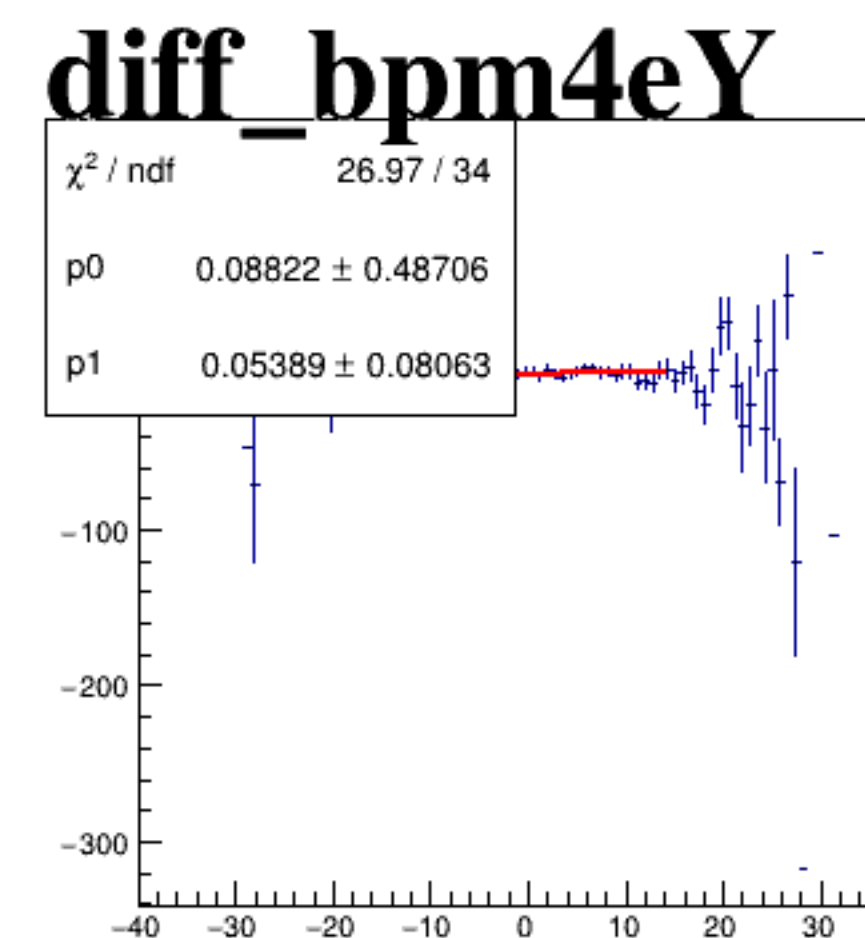
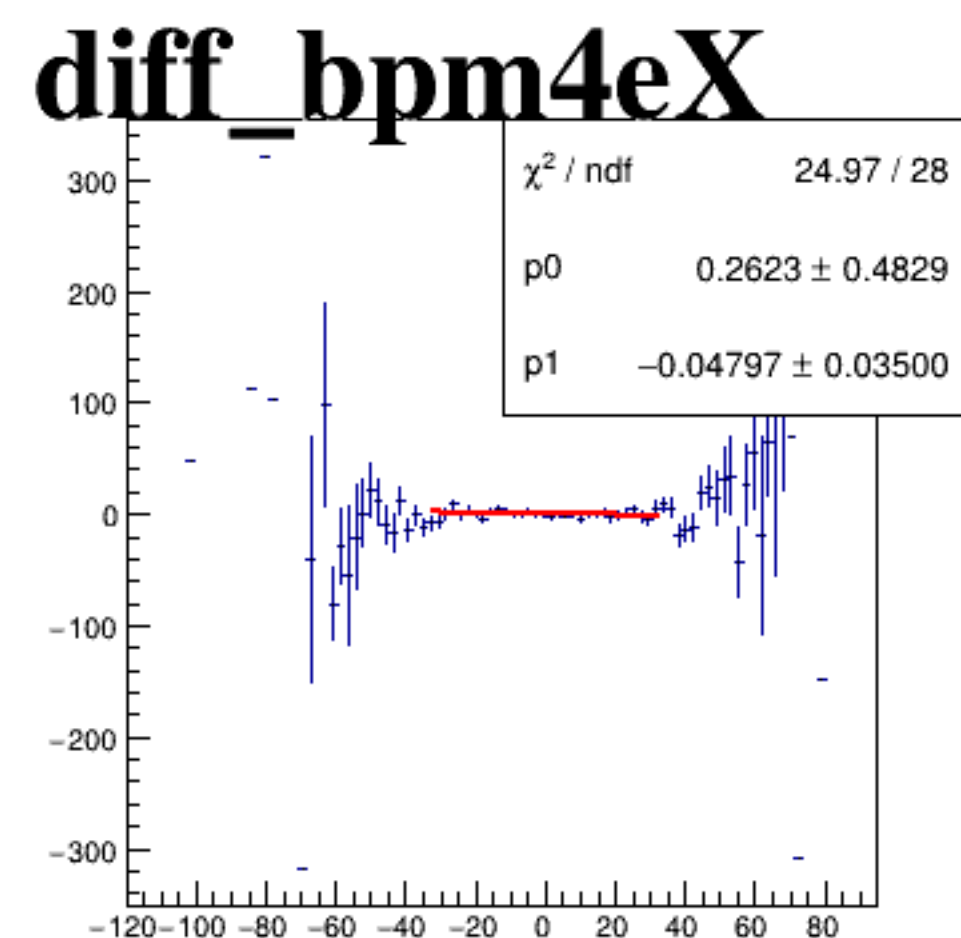
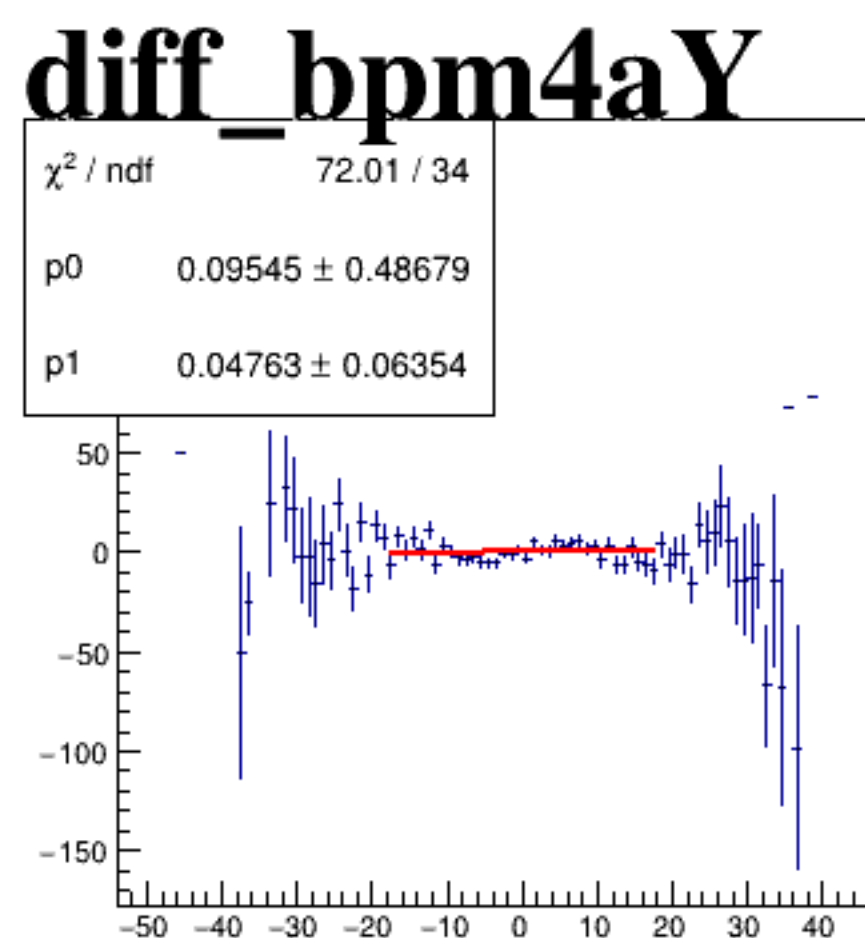
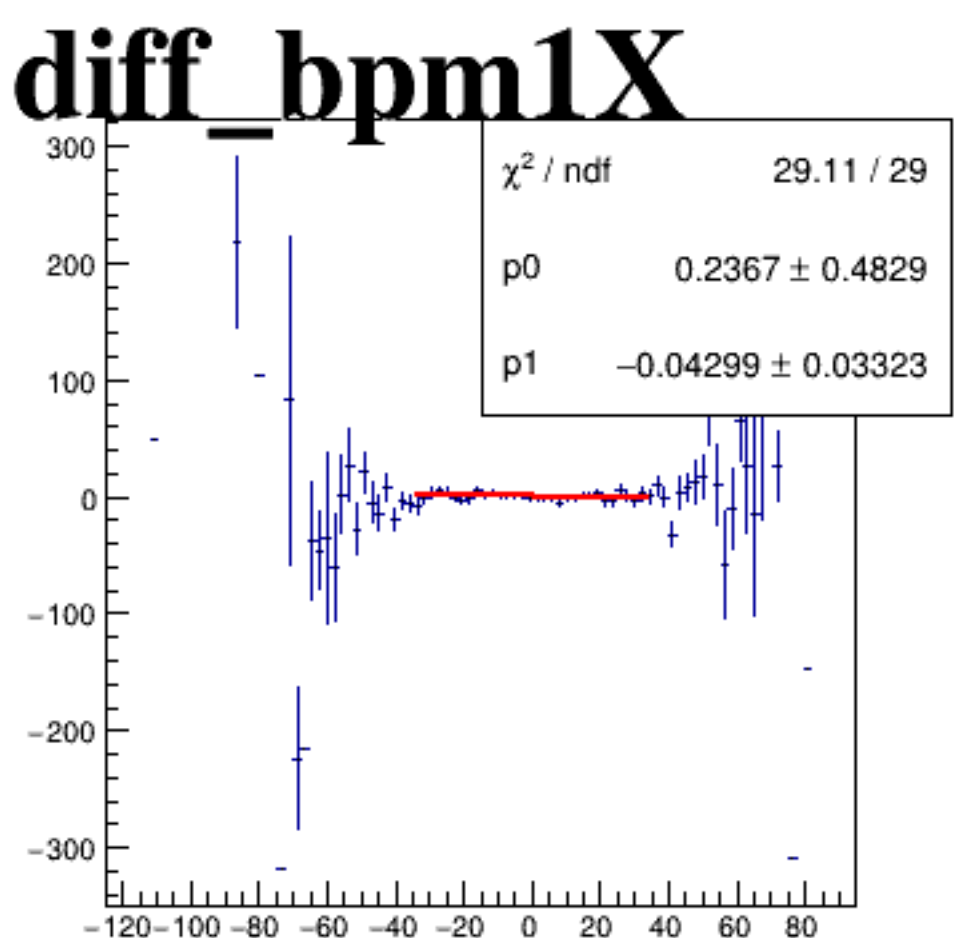
reg_asym_sam2



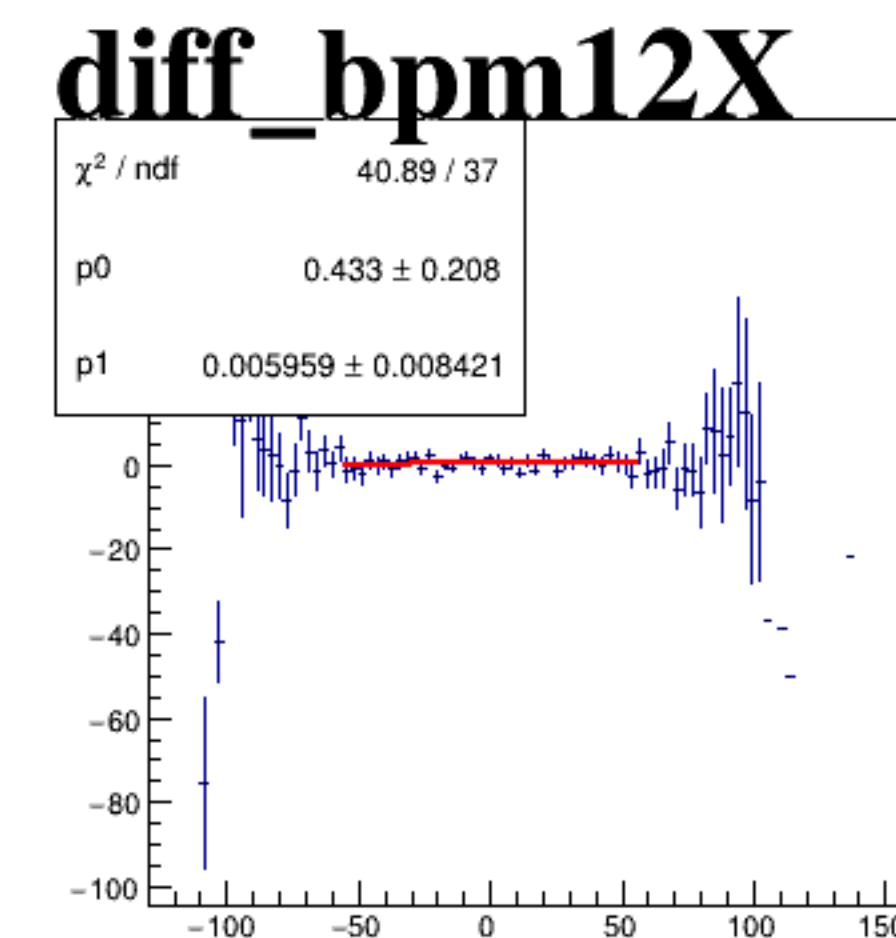
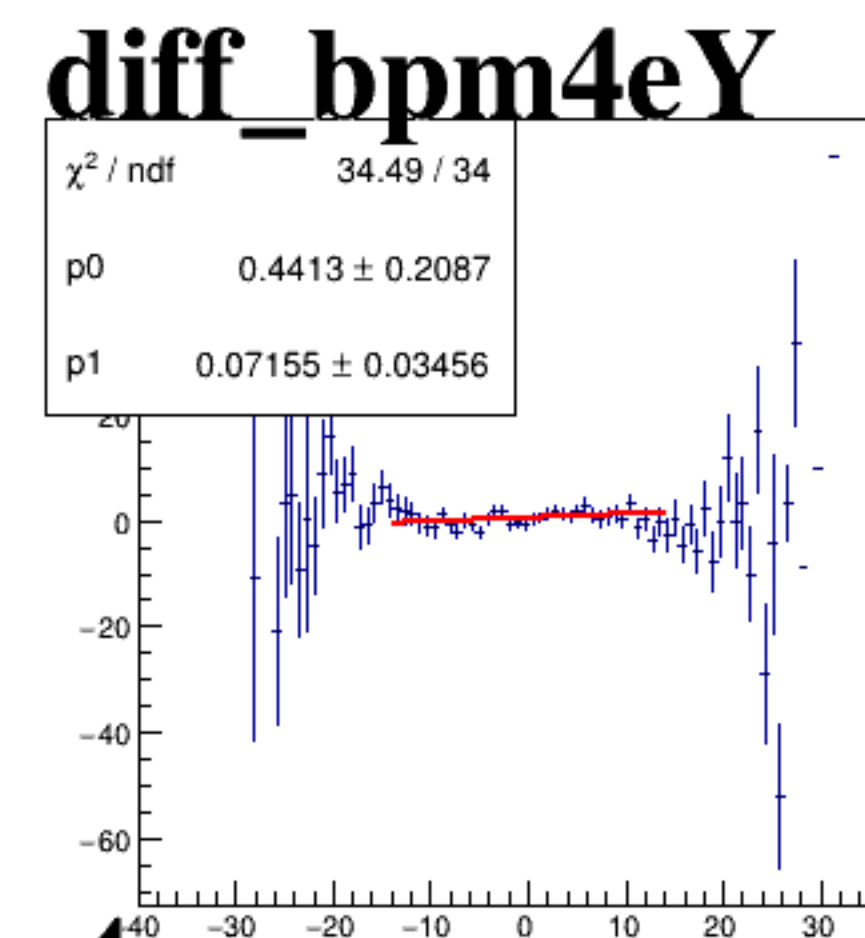
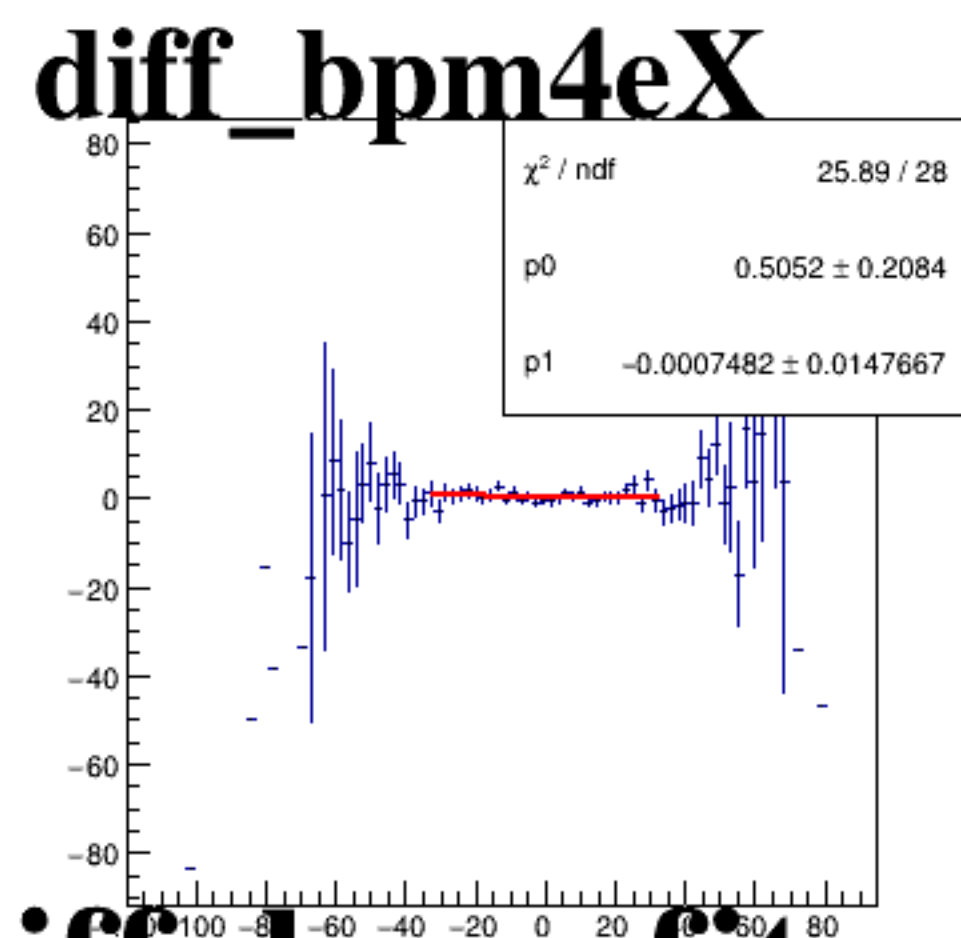
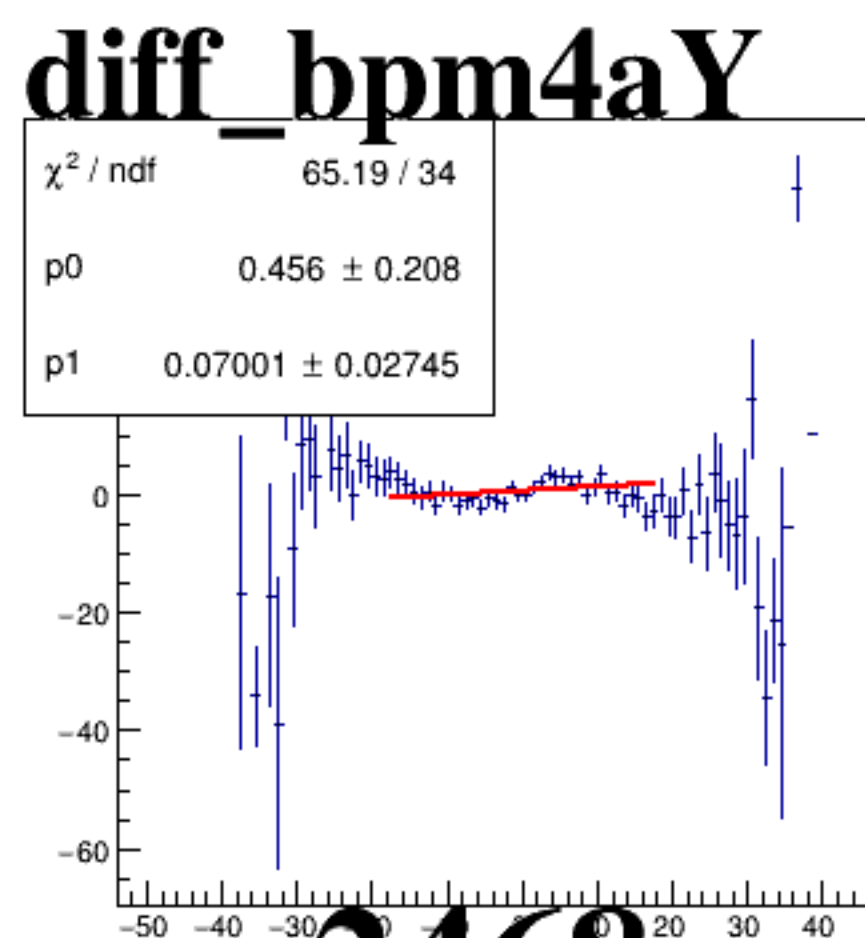
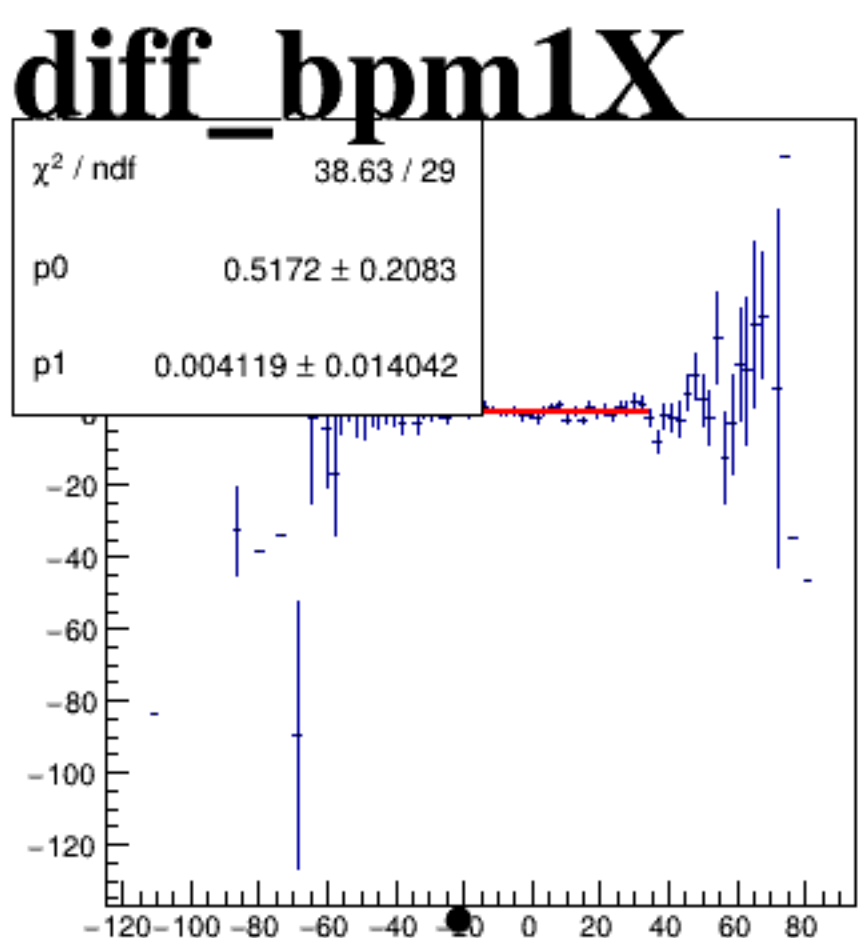
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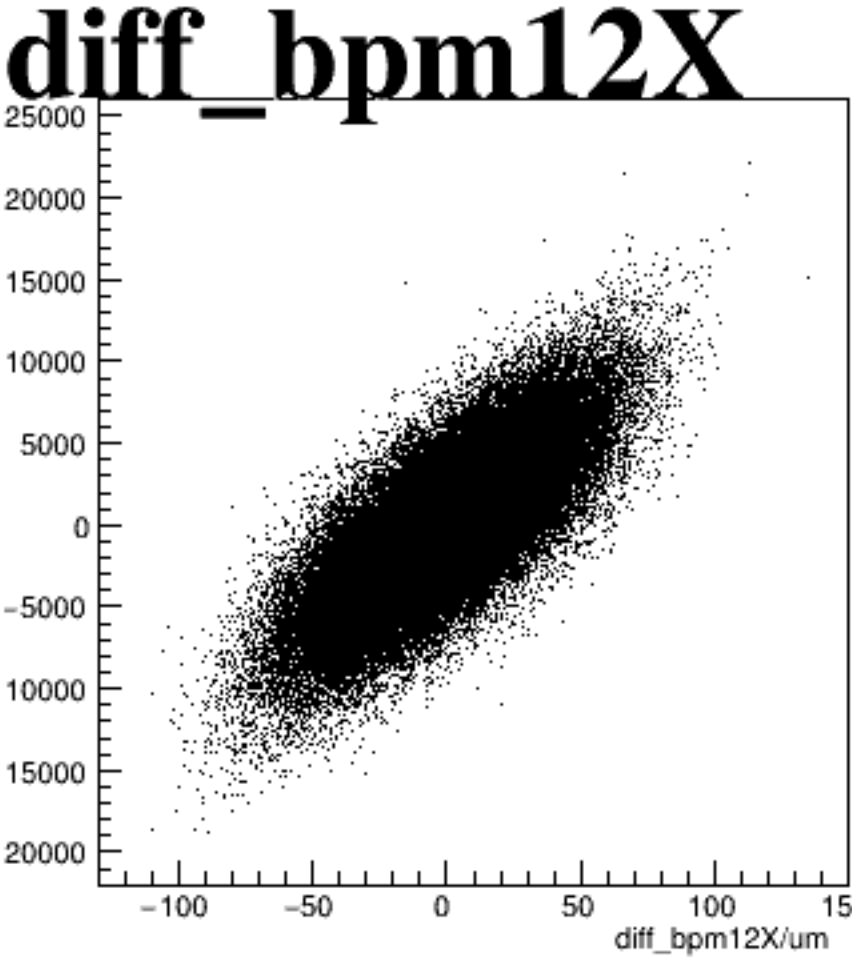
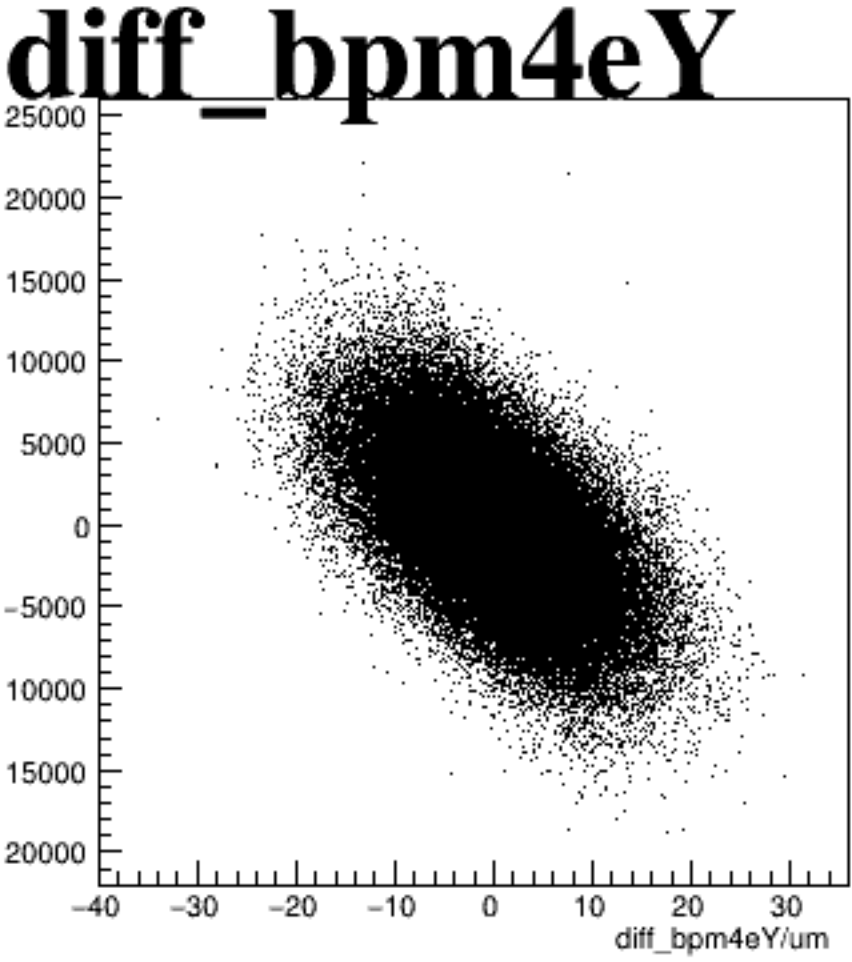
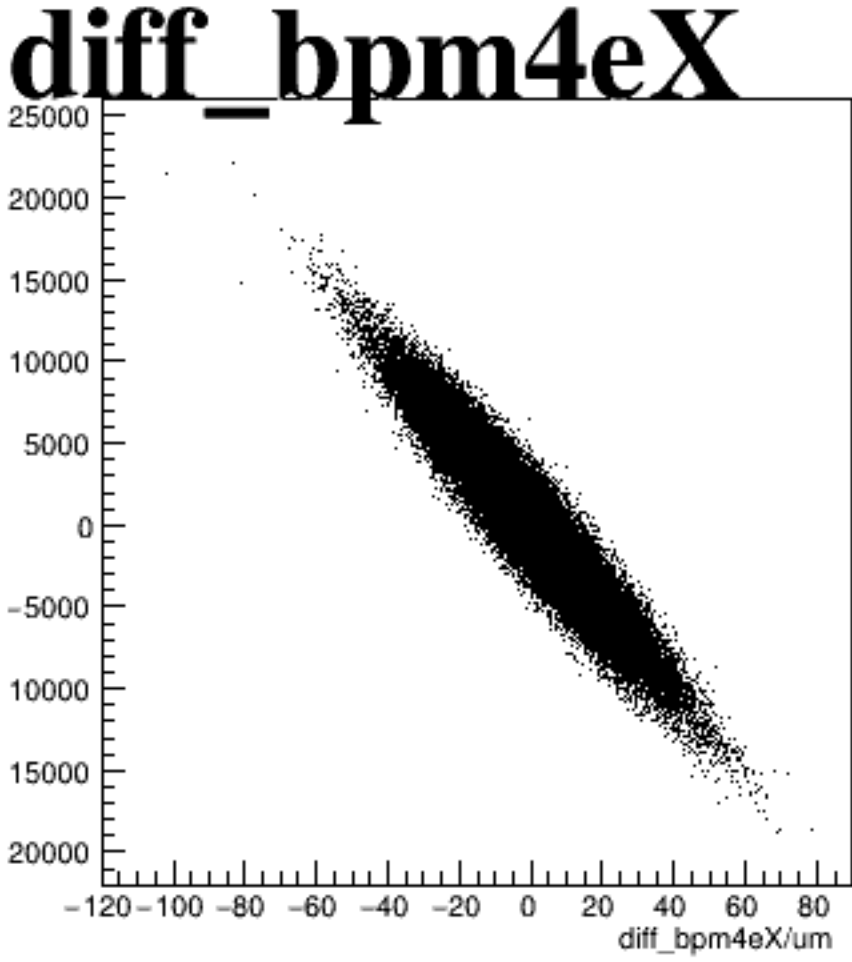
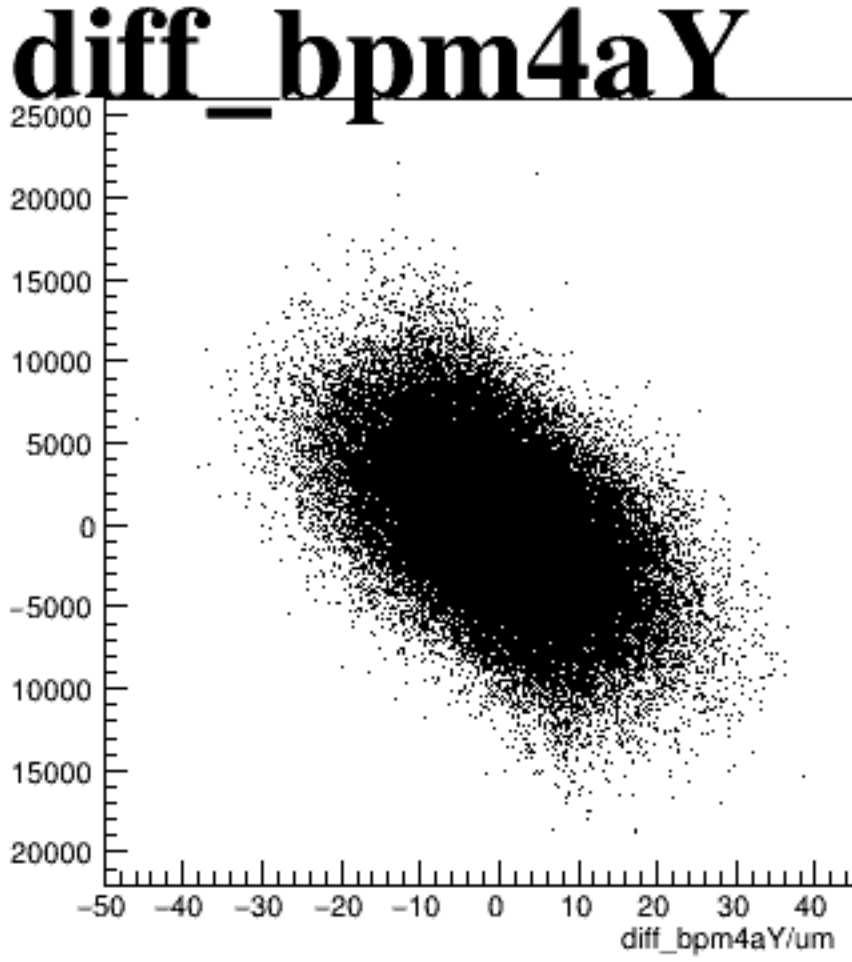
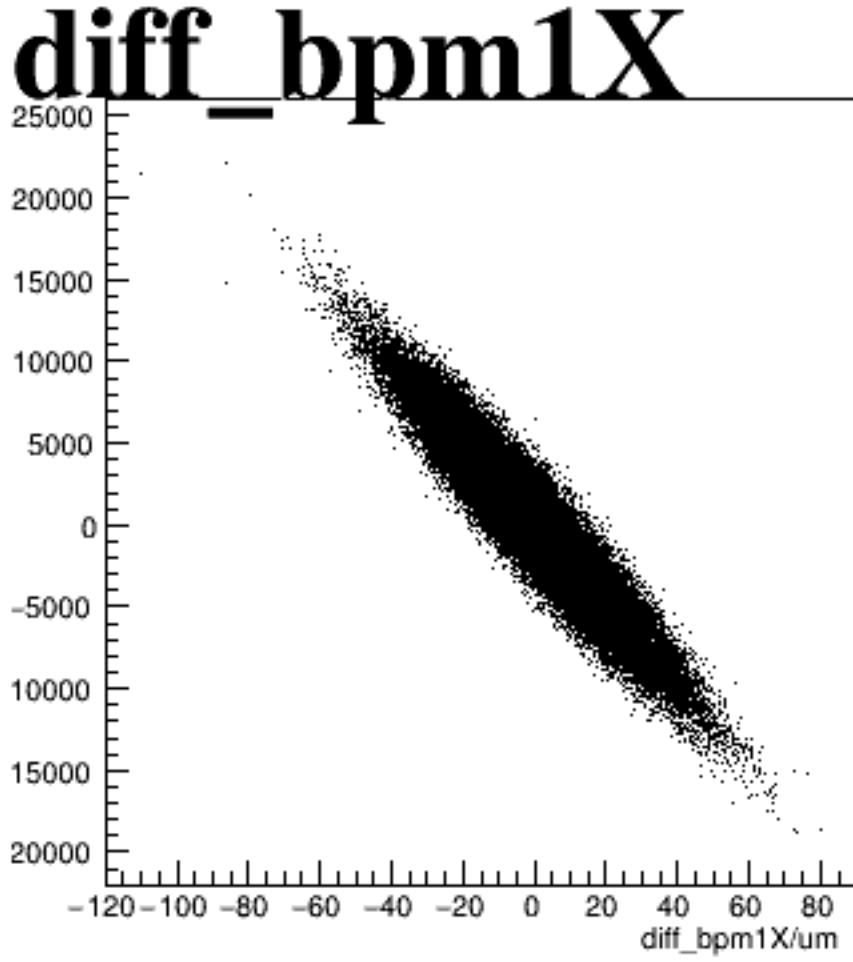
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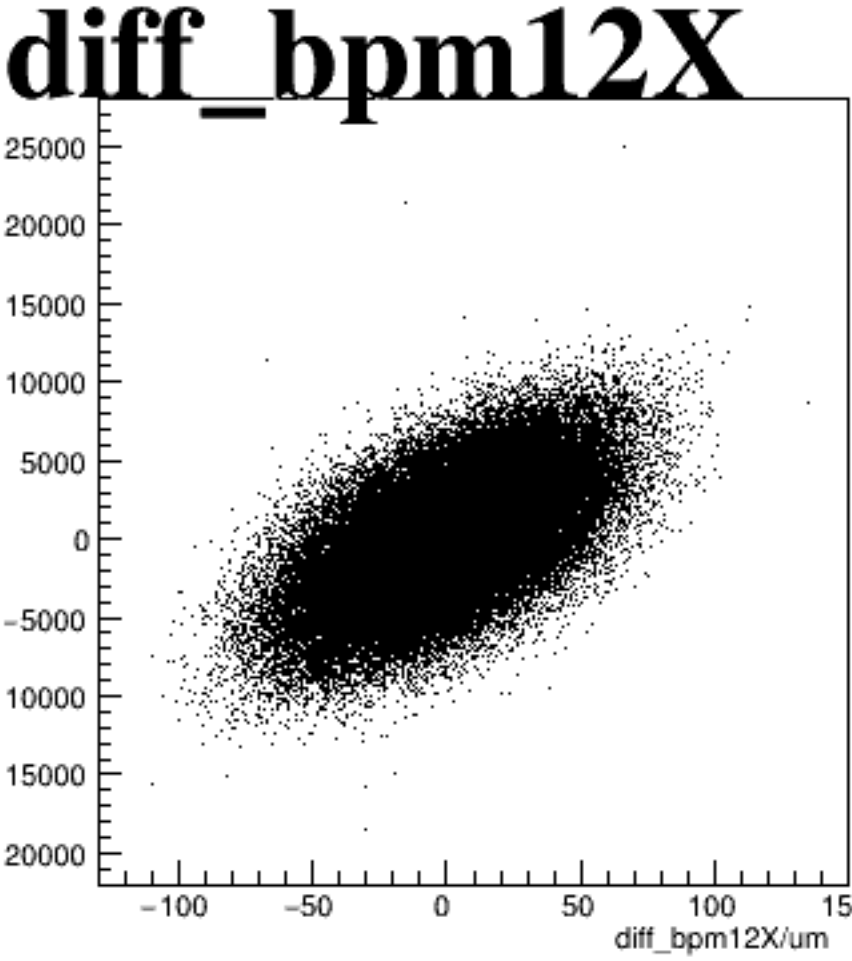
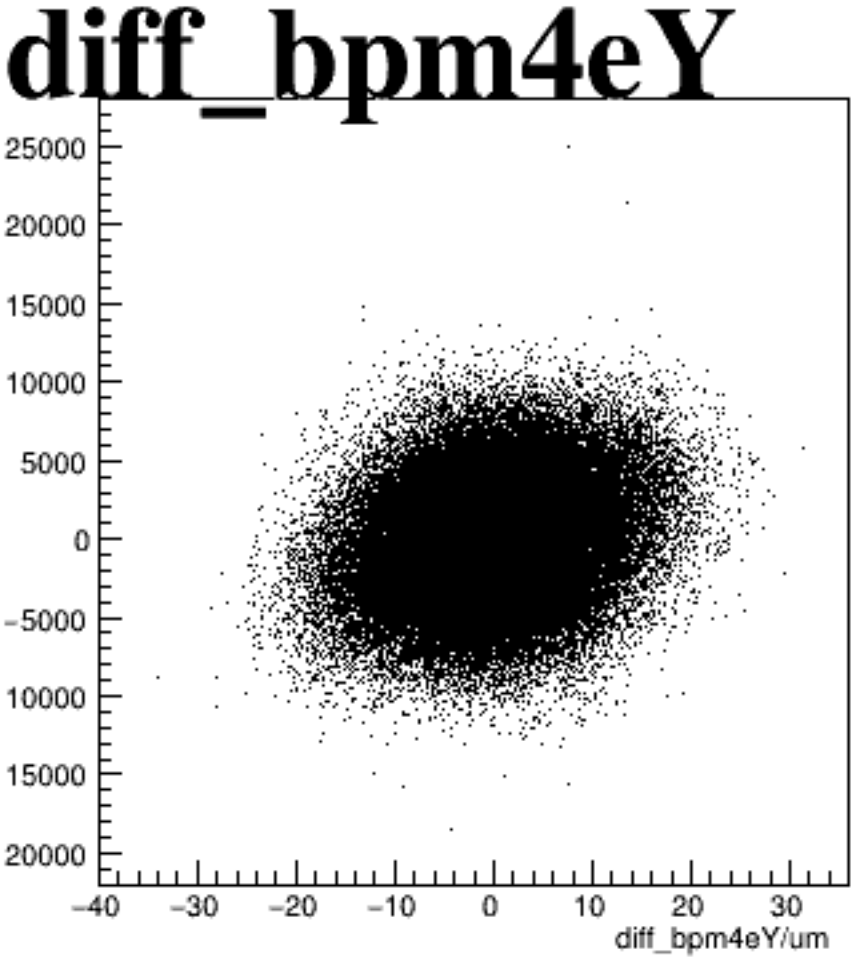
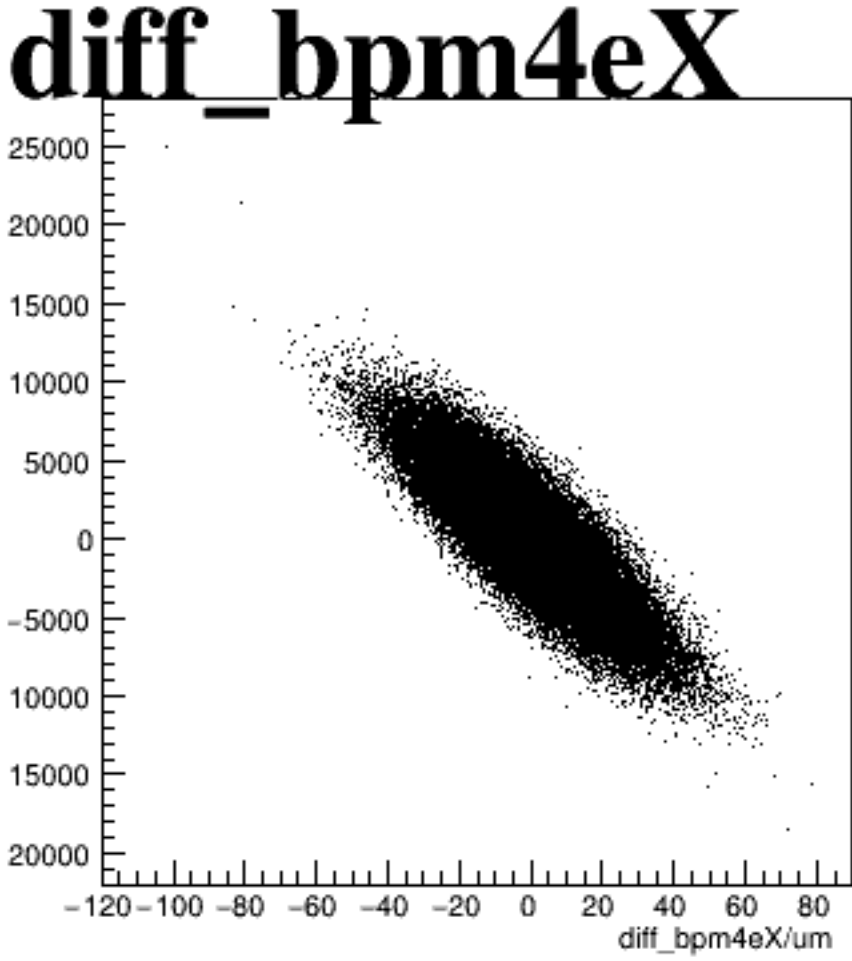
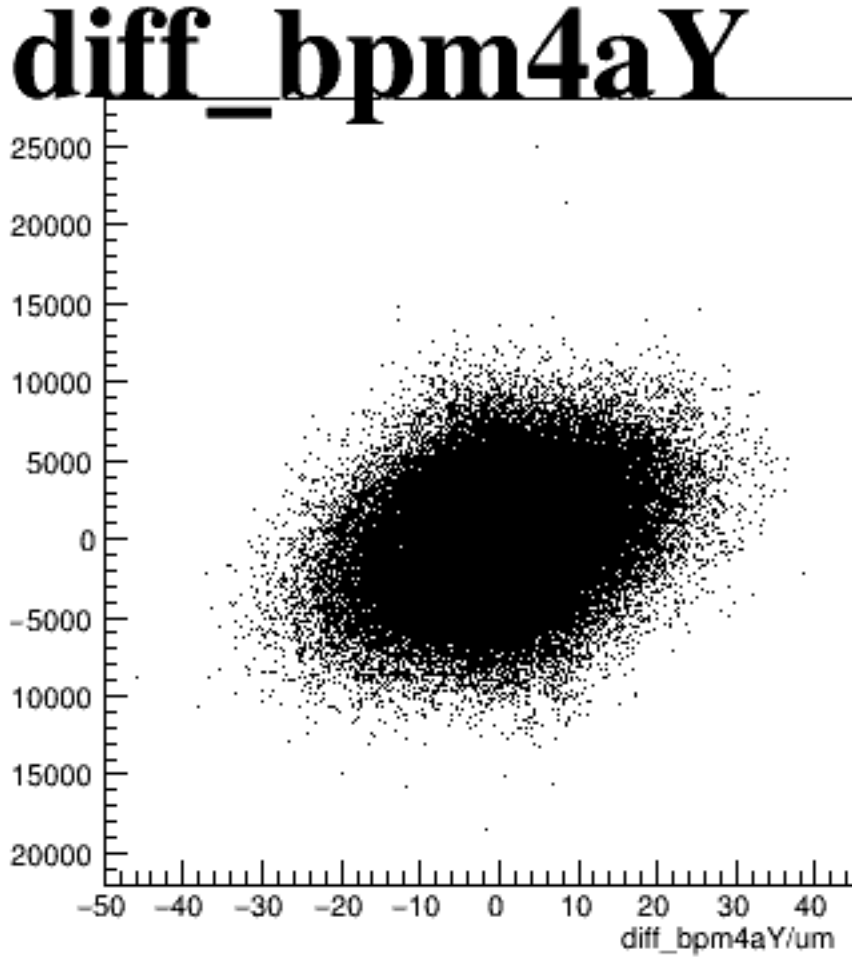
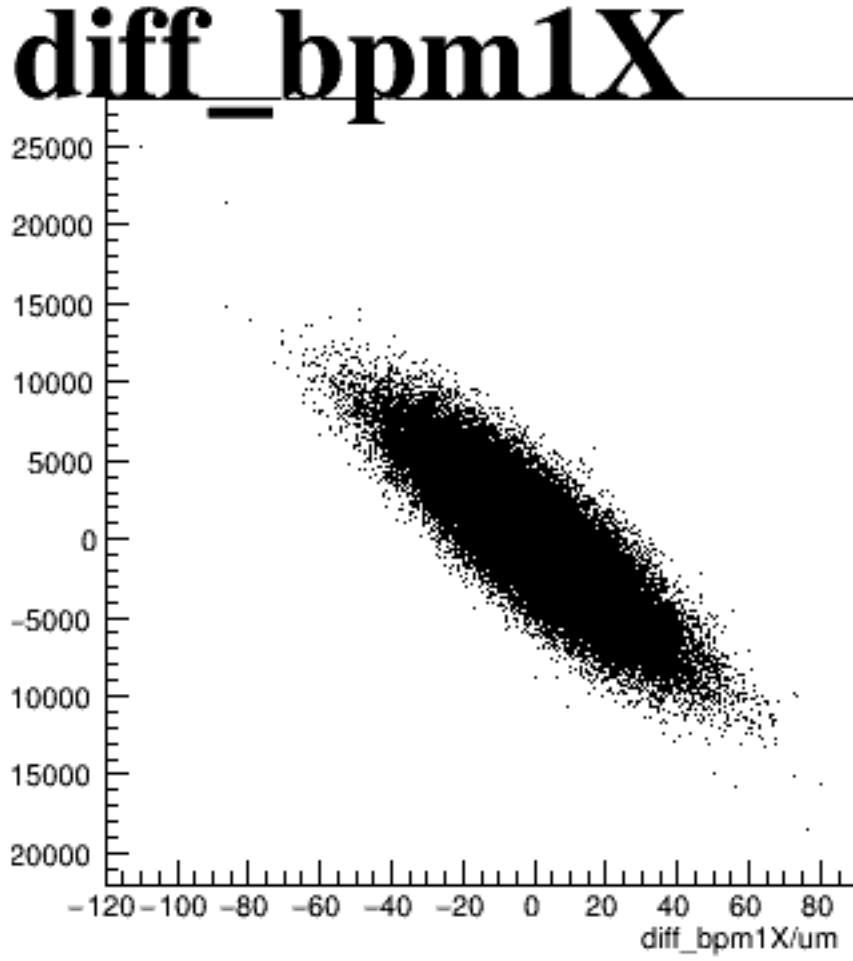
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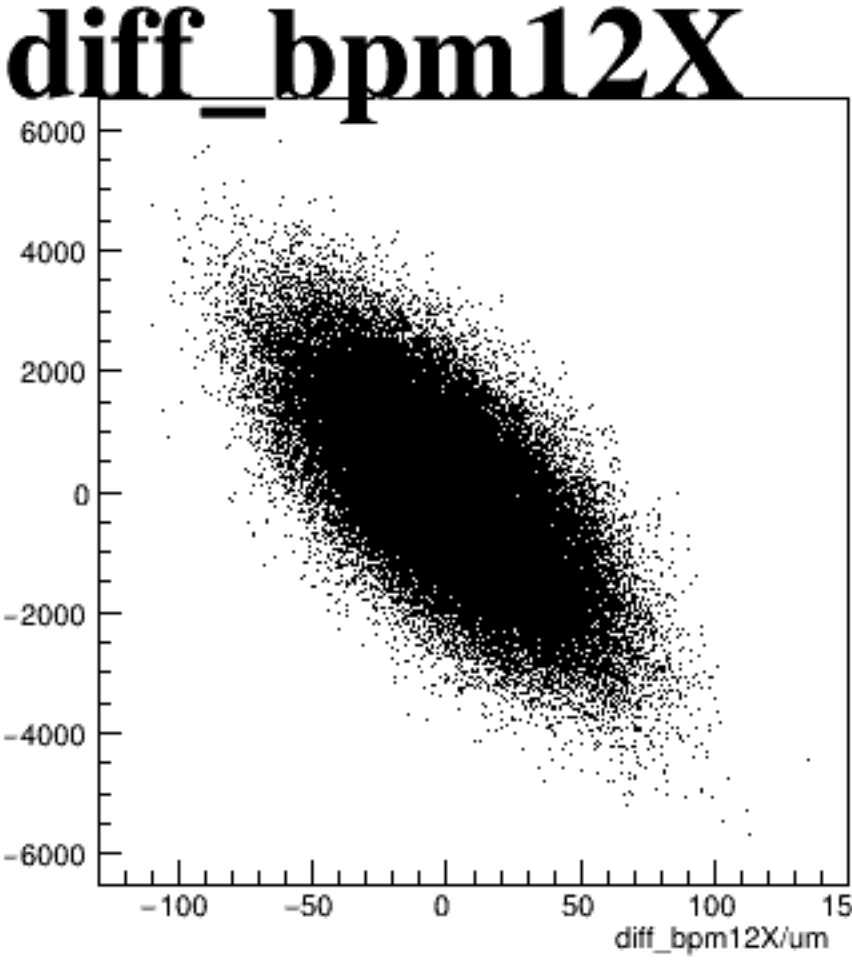
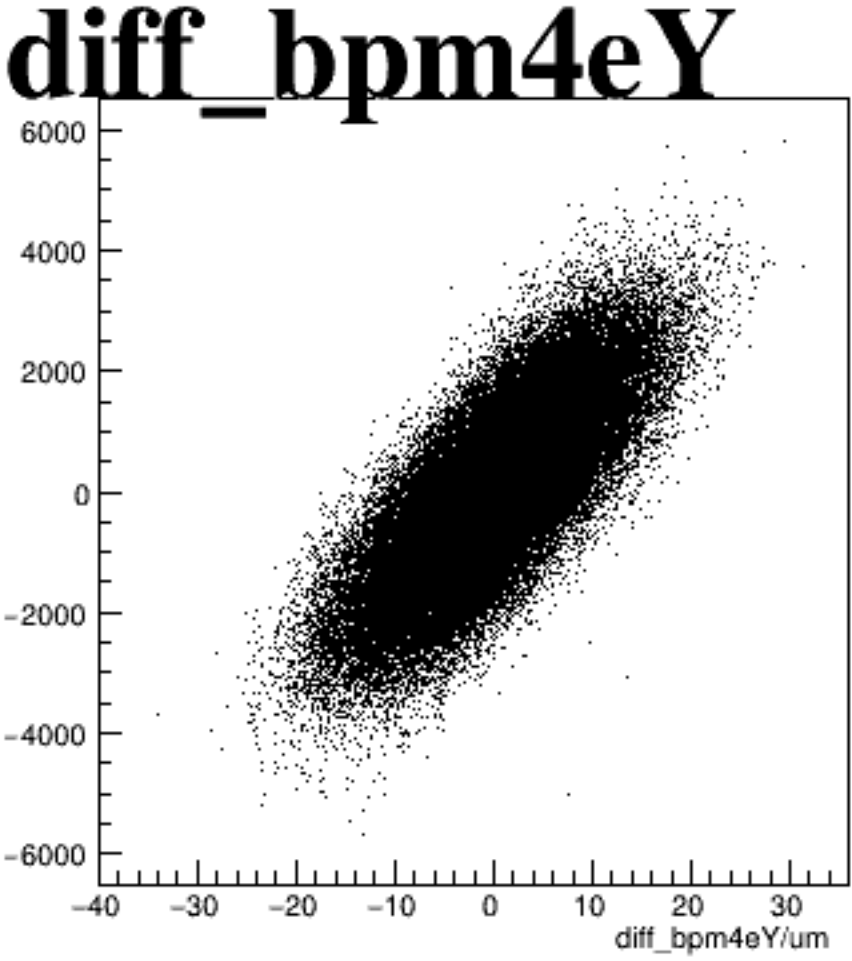
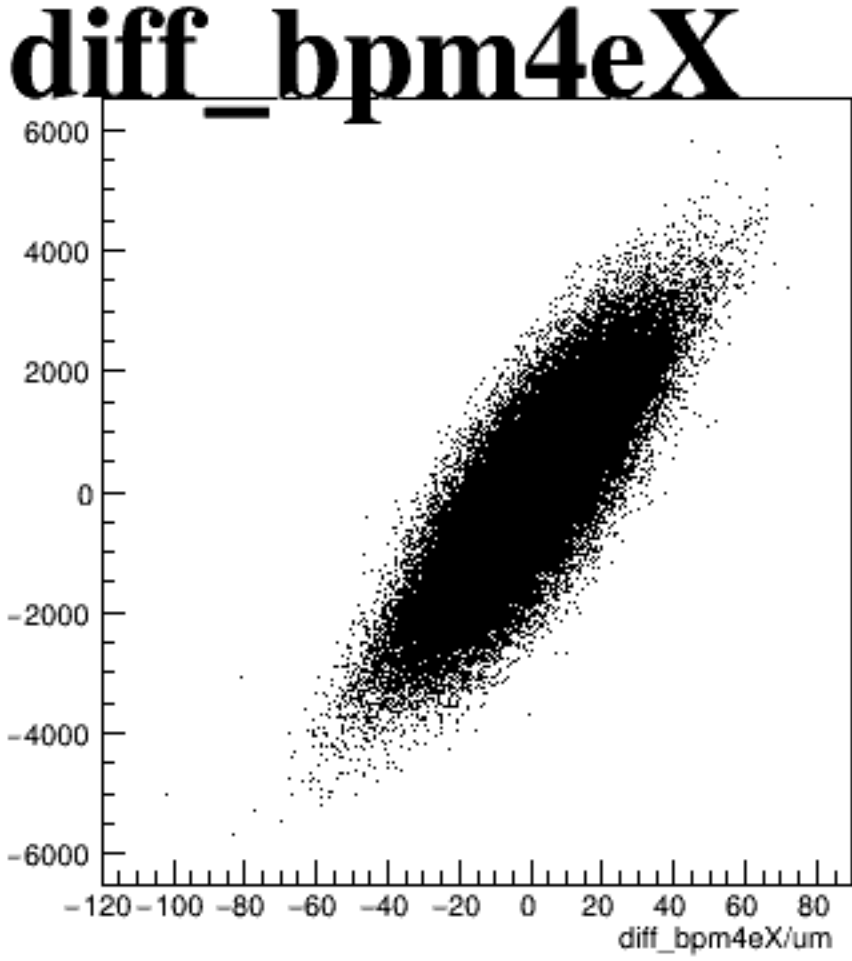
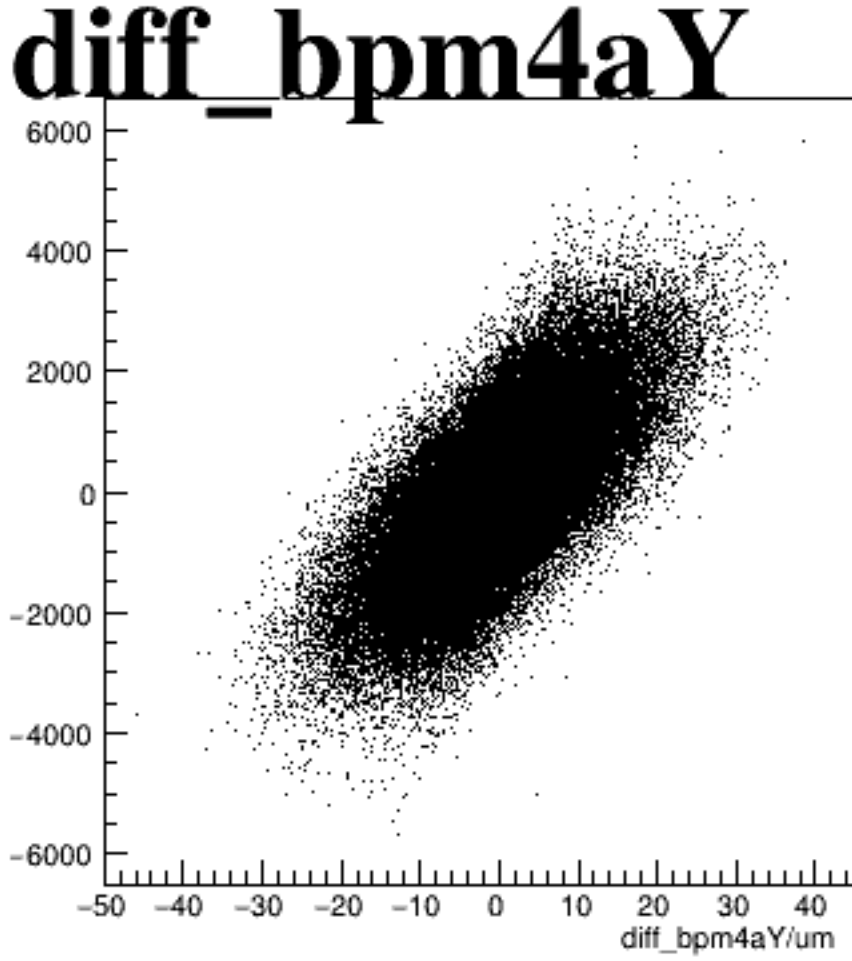
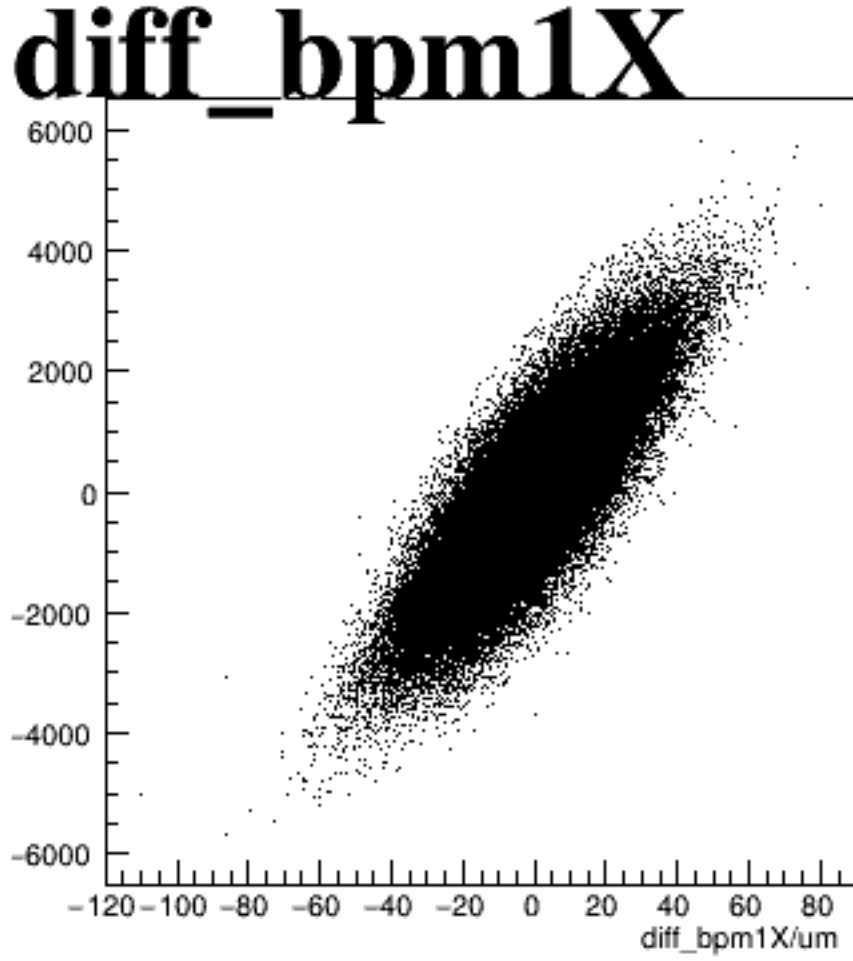
asym_sam2



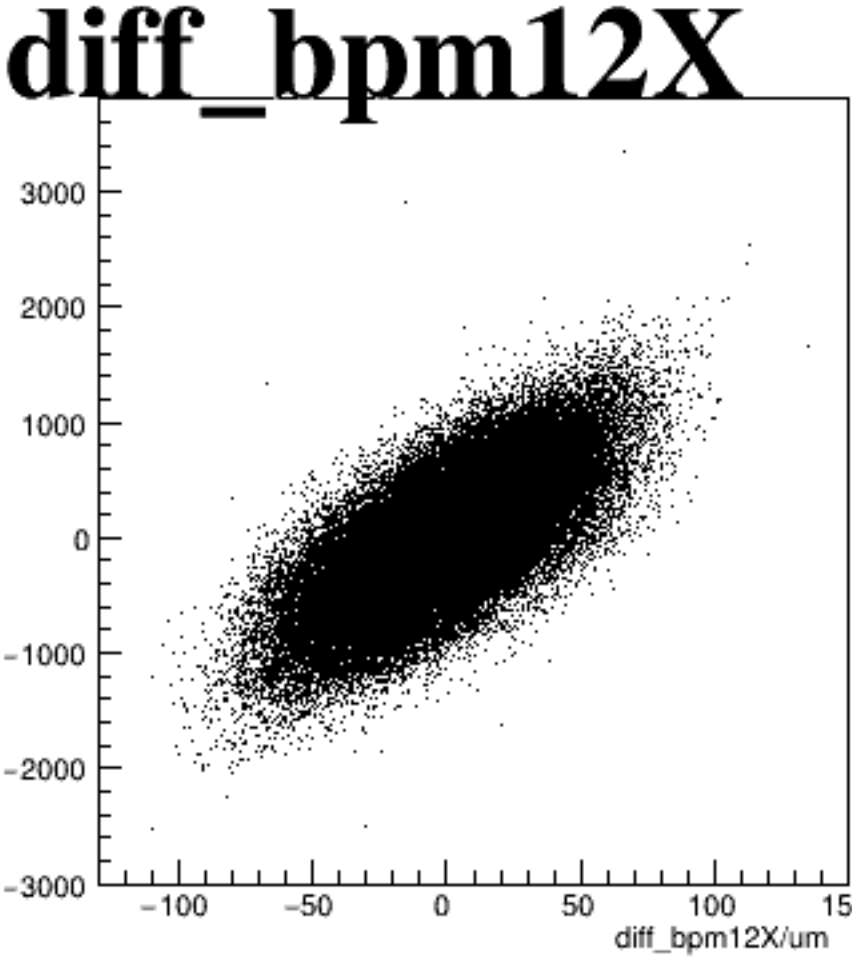
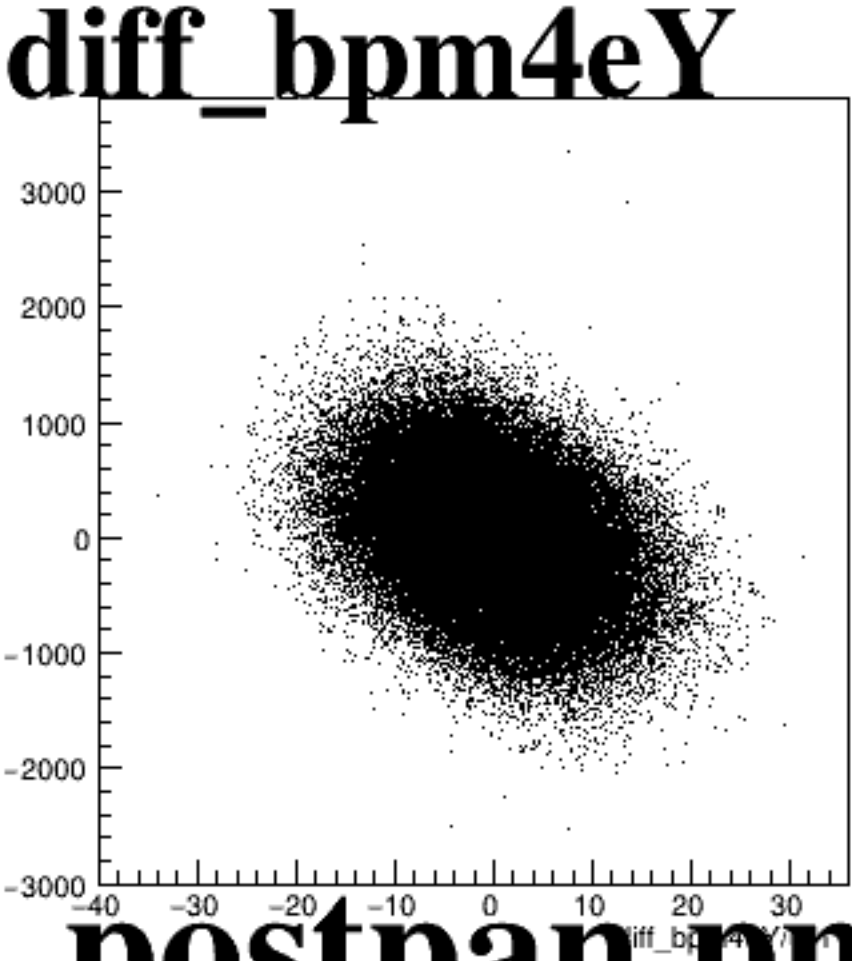
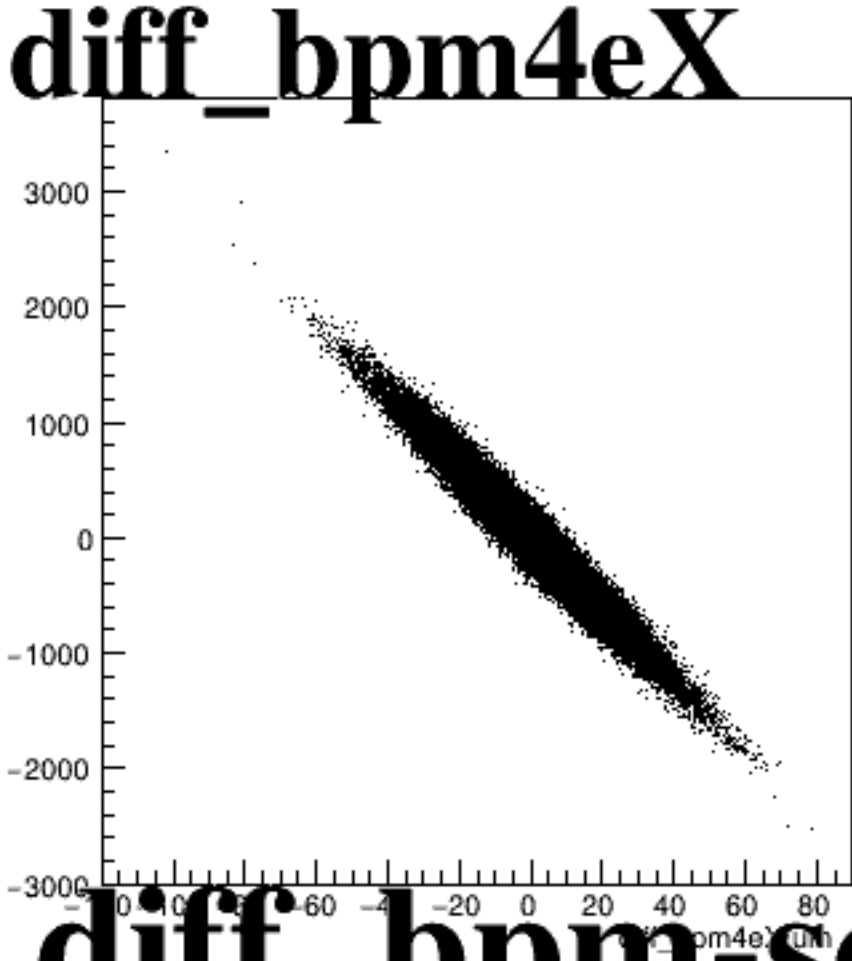
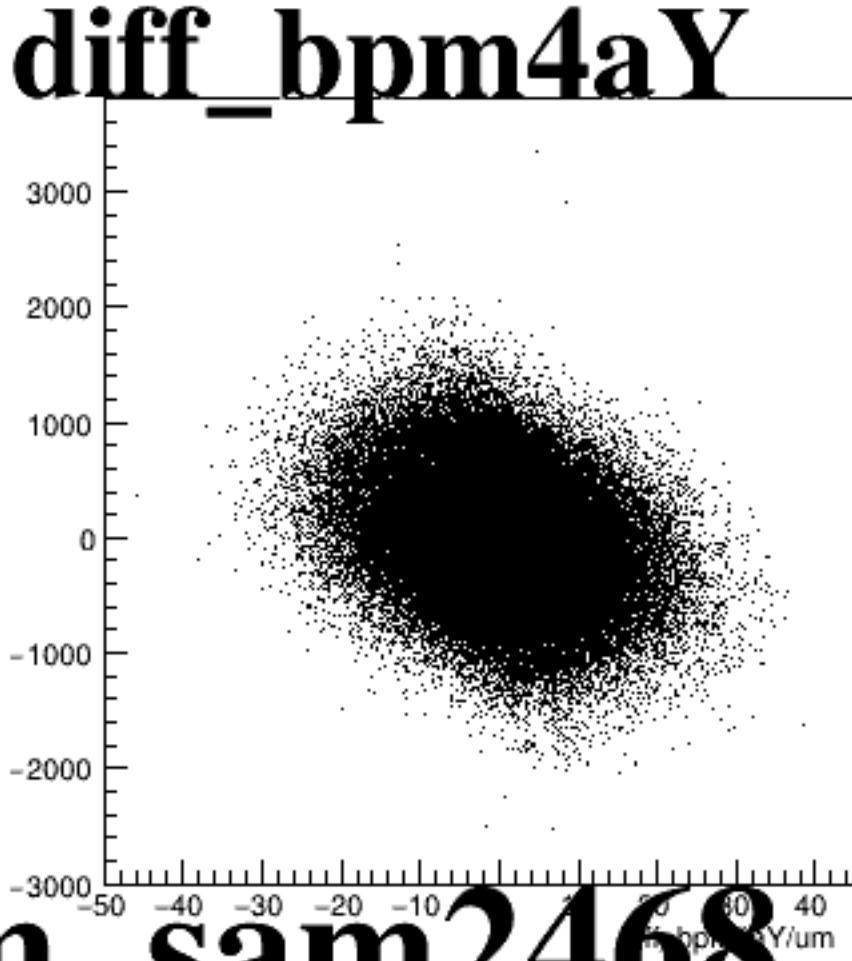
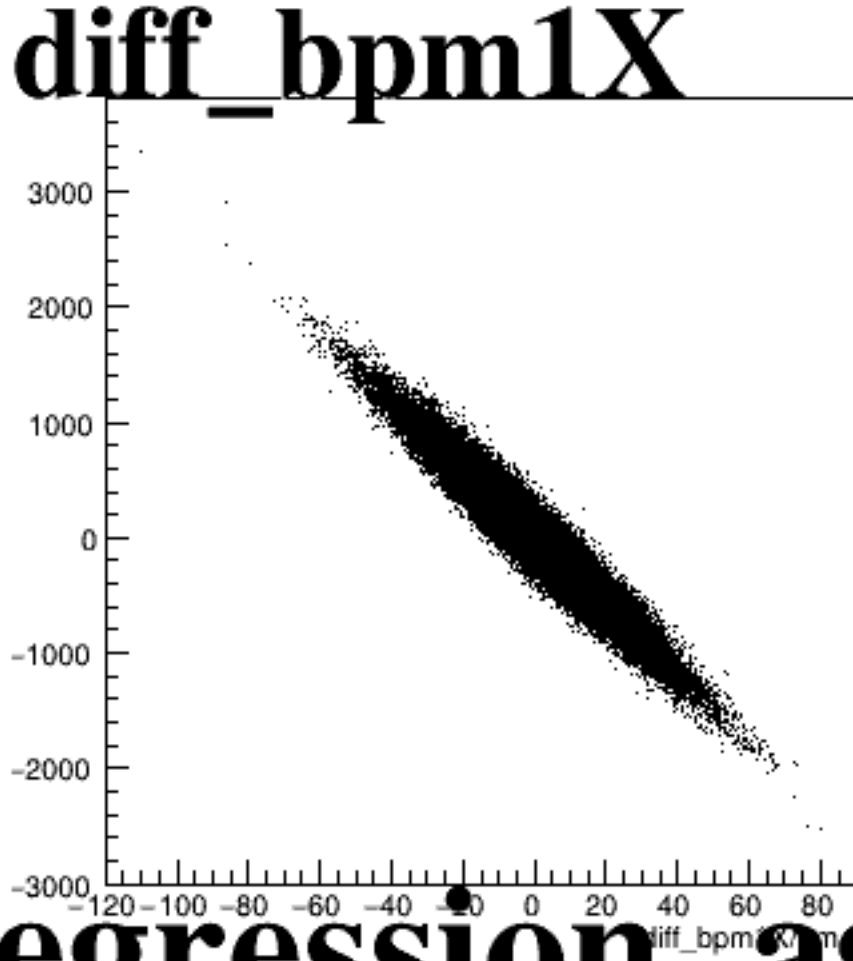
asym_sam4



asym_sam6



asym_sam8

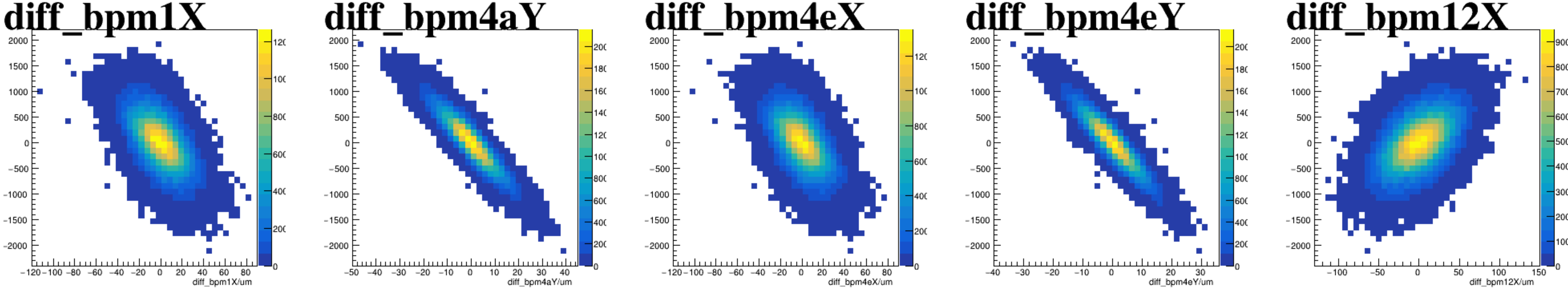


The figure consists of five scatter plots arranged horizontally, each showing the difference in beam position measurements (diff_bpm) for different beam sizes and positions. The plots are labeled as follows:

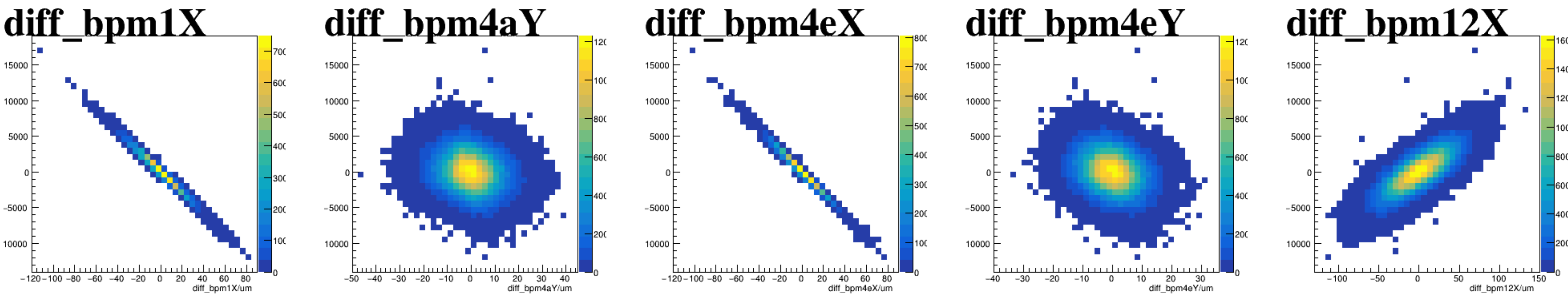
- diff_bpm1X**: The x-axis is labeled "diff_bpm1X/um" and ranges from -120 to 80. The y-axis ranges from -1500 to 1500.
- diff_bpm4aY**: The x-axis is labeled "diff_bpm4aY/um" and ranges from -50 to 40. The y-axis ranges from -1500 to 1500.
- diff_bpm4eX**: The x-axis is labeled "diff_bpm4eX/um" and ranges from -120 to 80. The y-axis ranges from -1500 to 1500.
- diff_bpm4eY**: The x-axis is labeled "diff_bpm4eY/um" and ranges from -40 to 30. The y-axis ranges from -1500 to 1500.
- diff_bpm12X**: The x-axis is labeled "diff_bpm12X/um" and ranges from -100 to 150. The y-axis ranges from -1500 to 1500.

Each plot shows a dense cluster of points centered around the origin, indicating high precision in the difference measurements. The points are distributed in a roughly circular pattern, with the density of points being highest at the center and decreasing towards the edges. The x-axis for each plot represents the difference in beam position measurements for a specific beam size and position, while the y-axis represents the difference in beam position measurements for a different beam size and position.

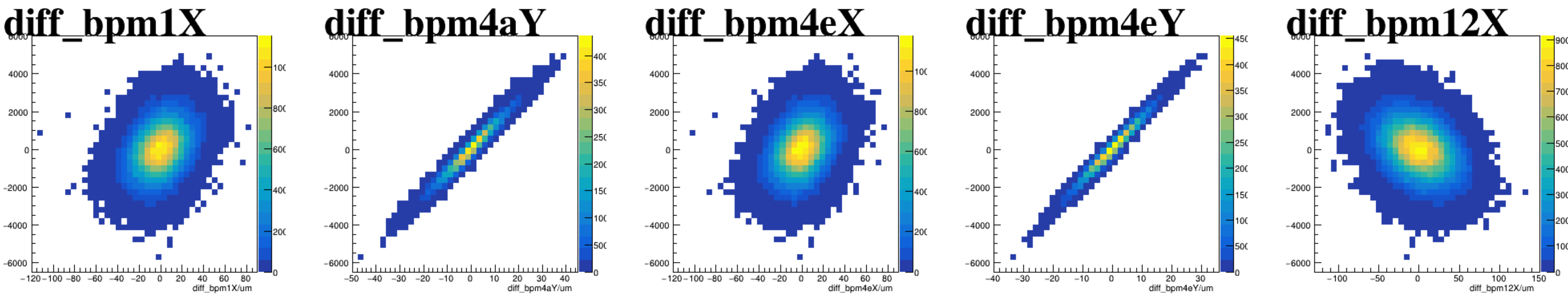
asym_sam1



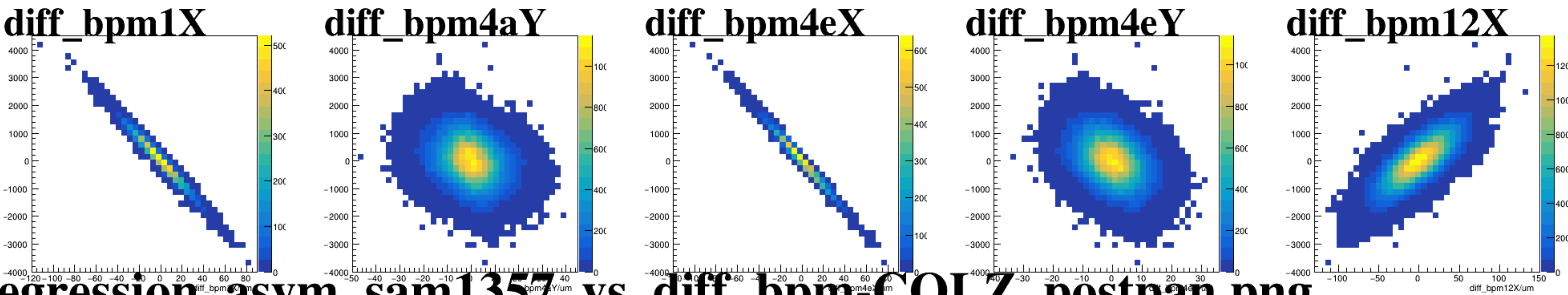
asym_sam3



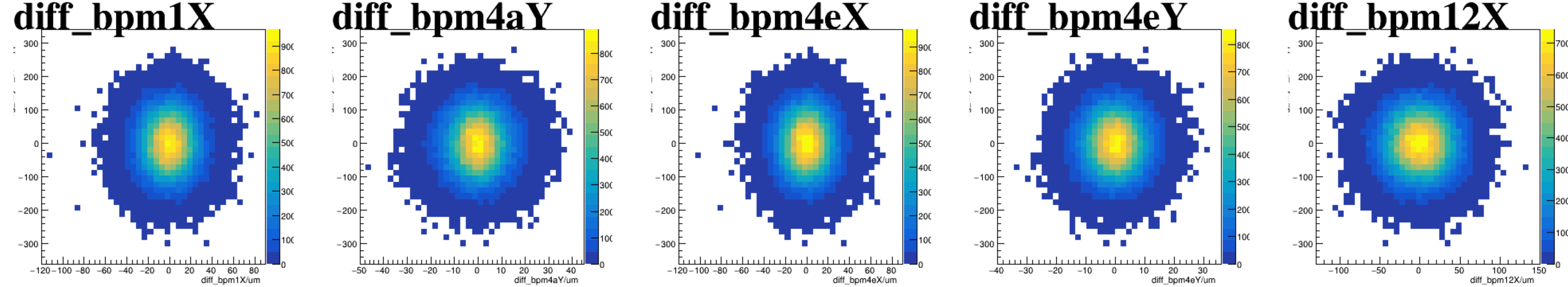
asym_sam5



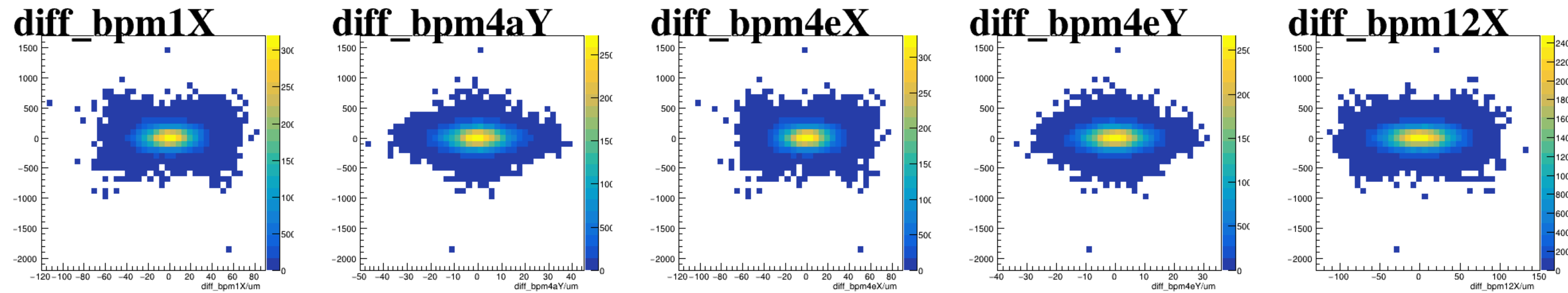
asym_sam7



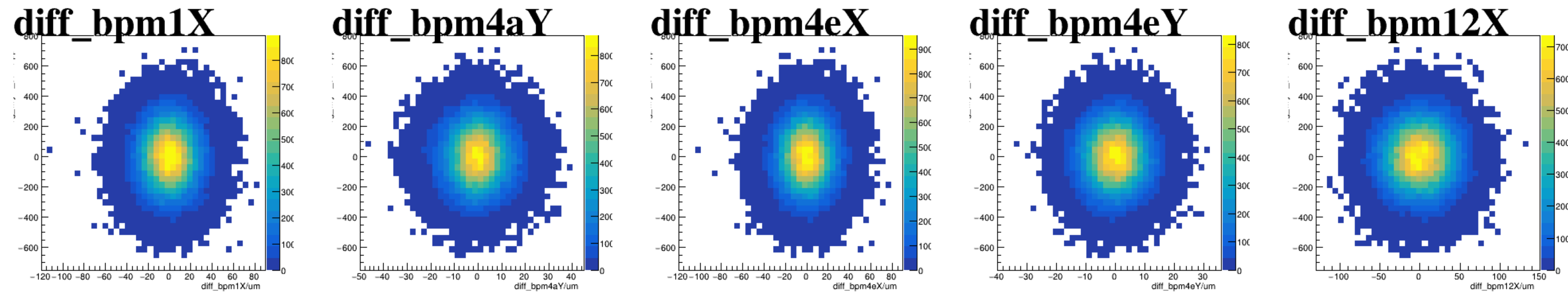
reg_asym_sam1



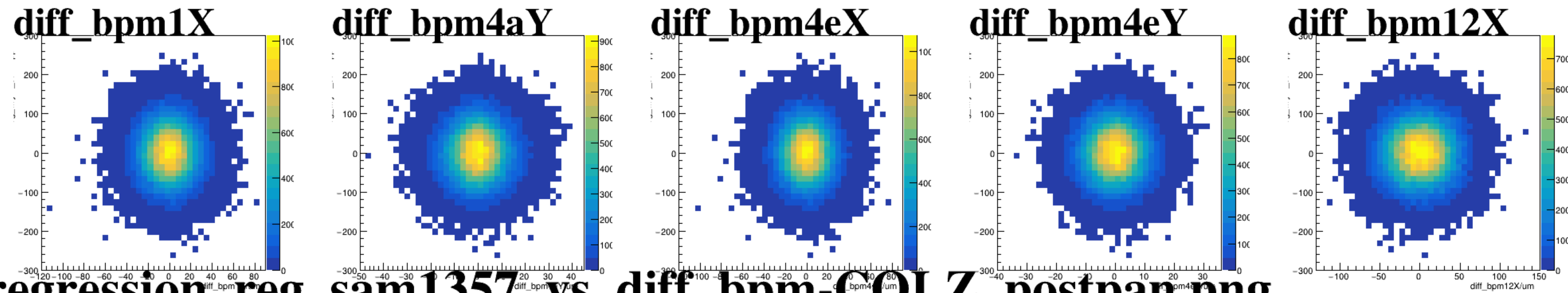
reg_asym_sam3



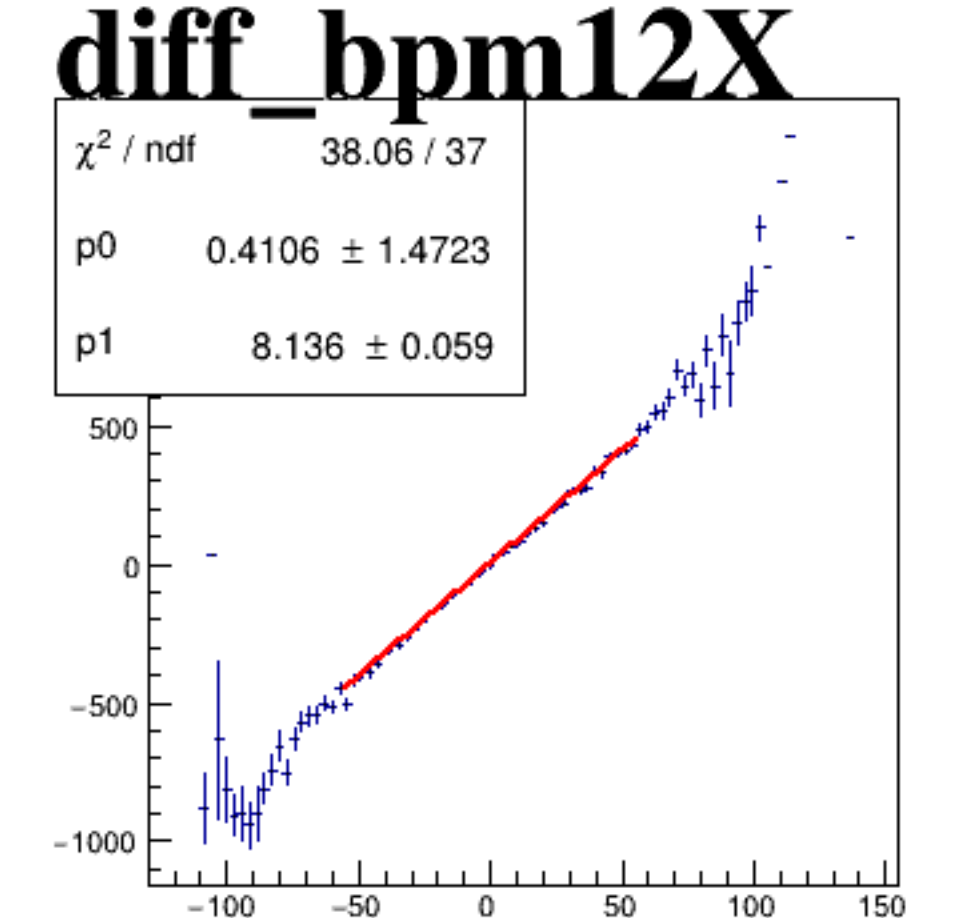
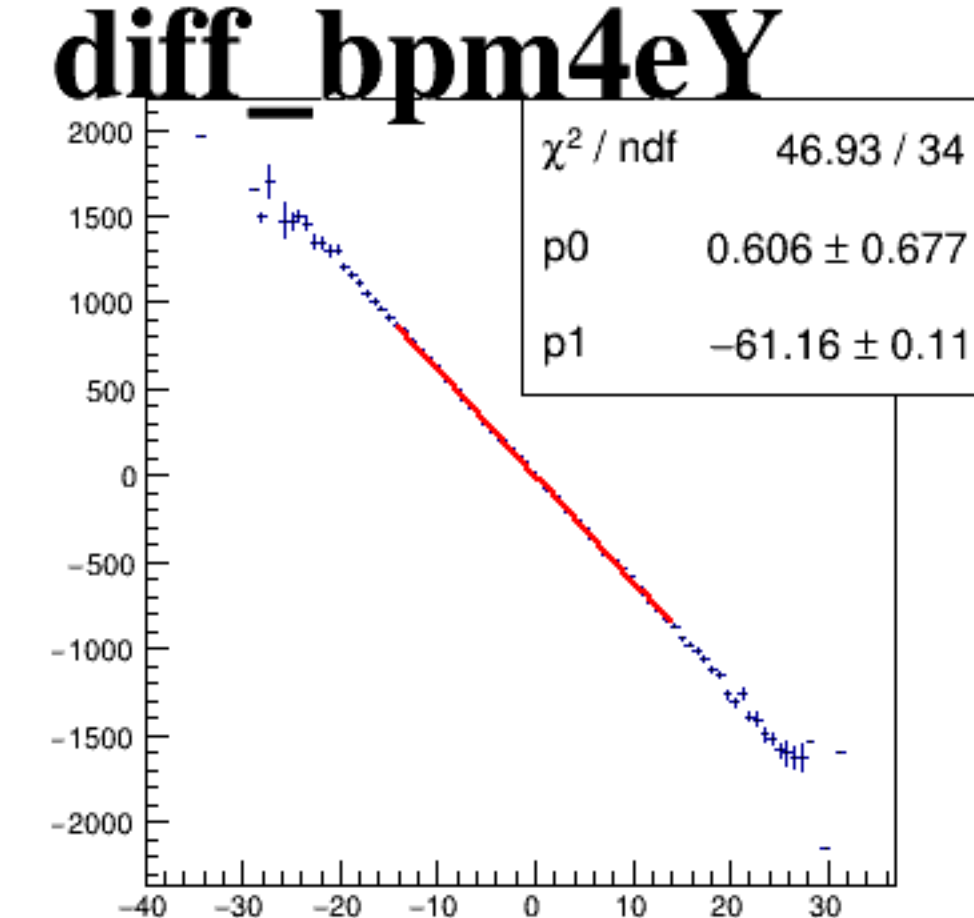
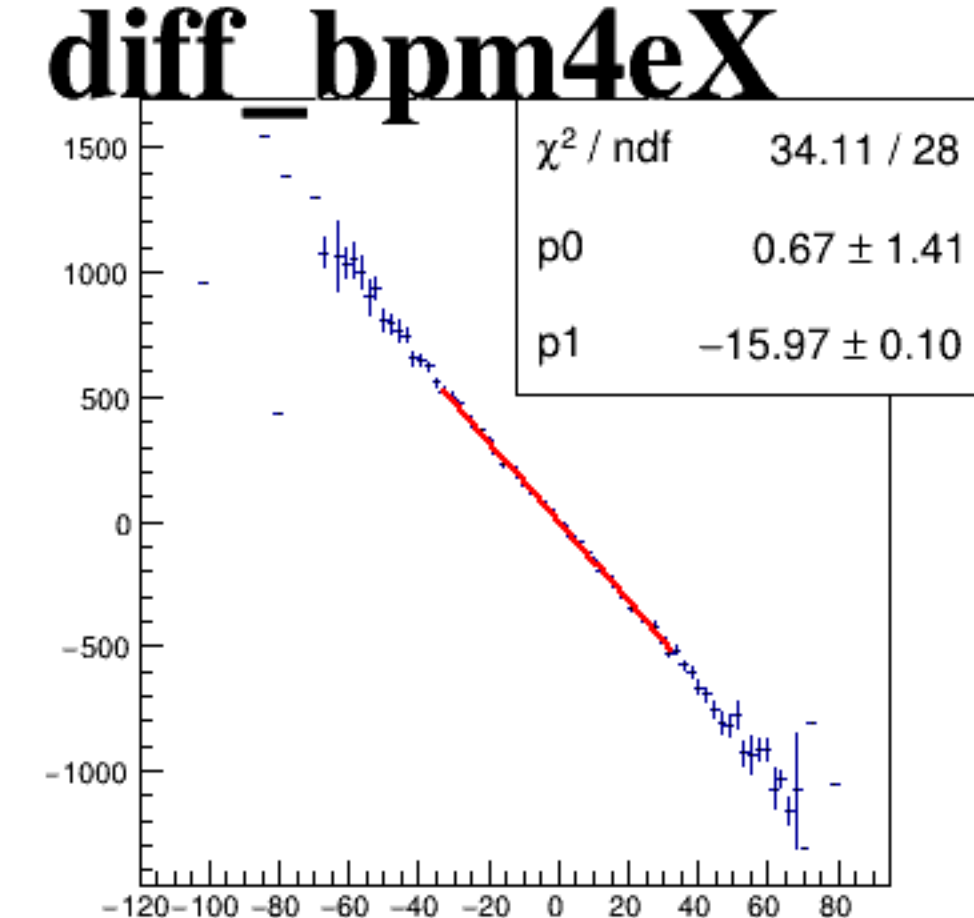
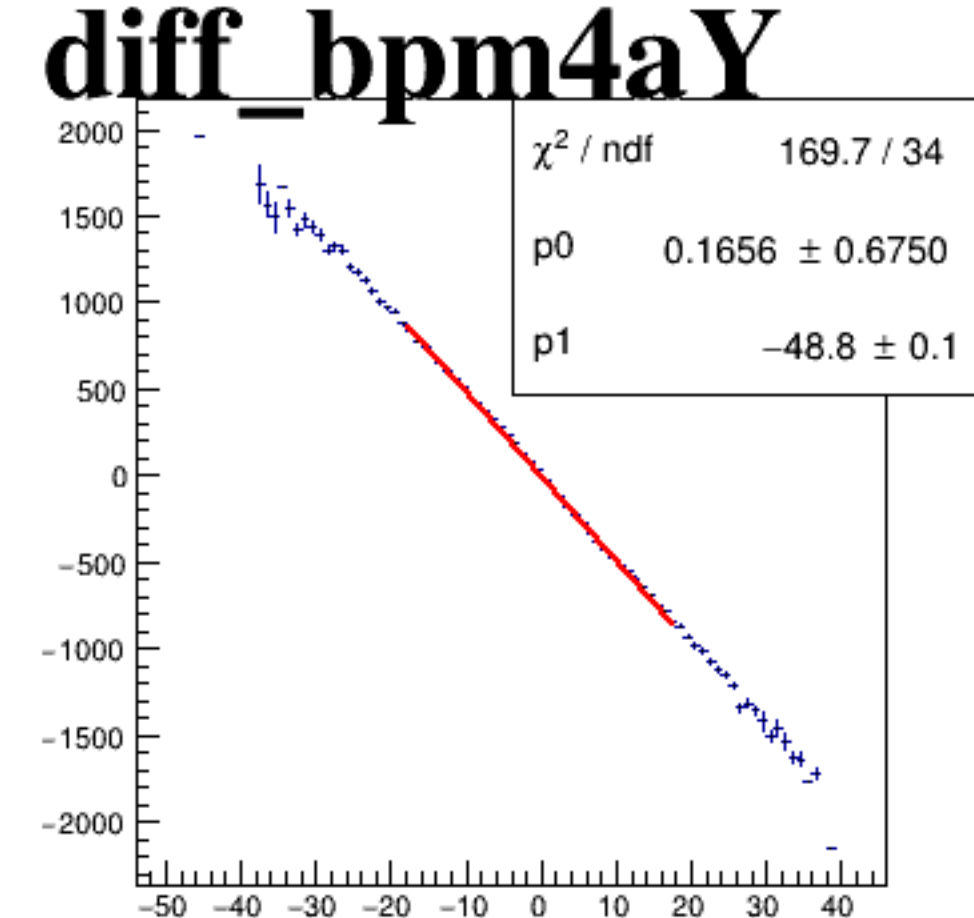
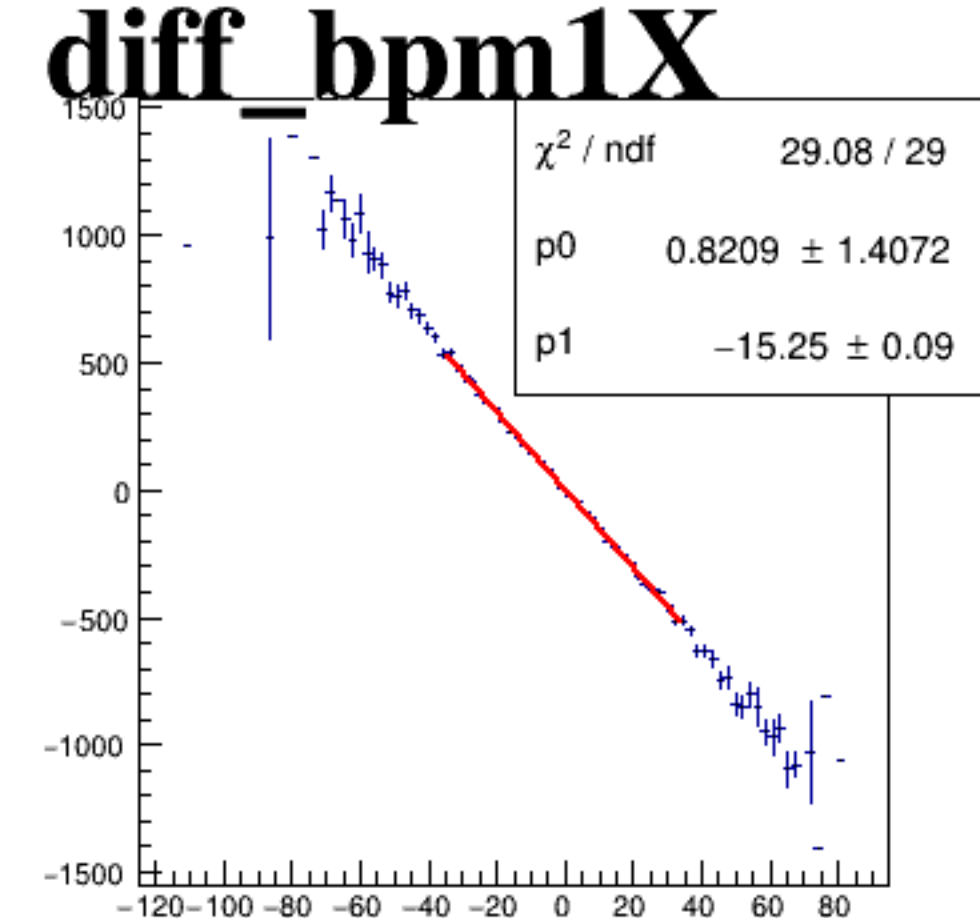
reg_asym_sam5



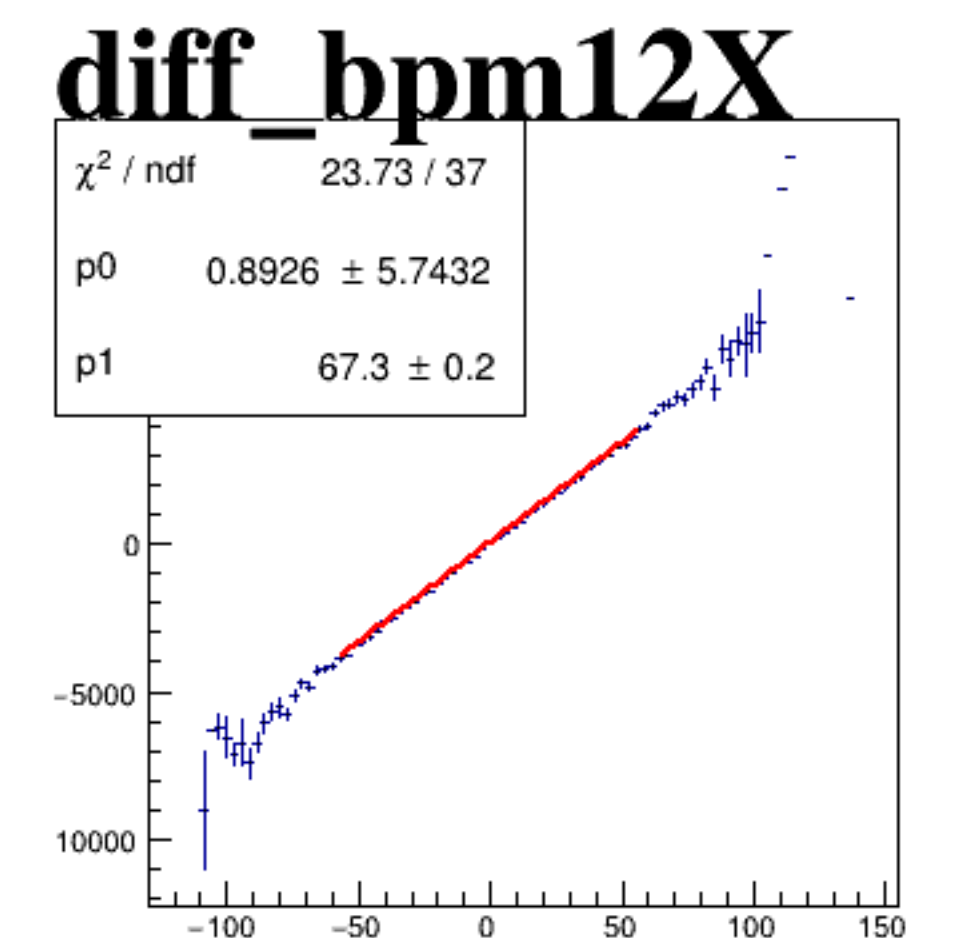
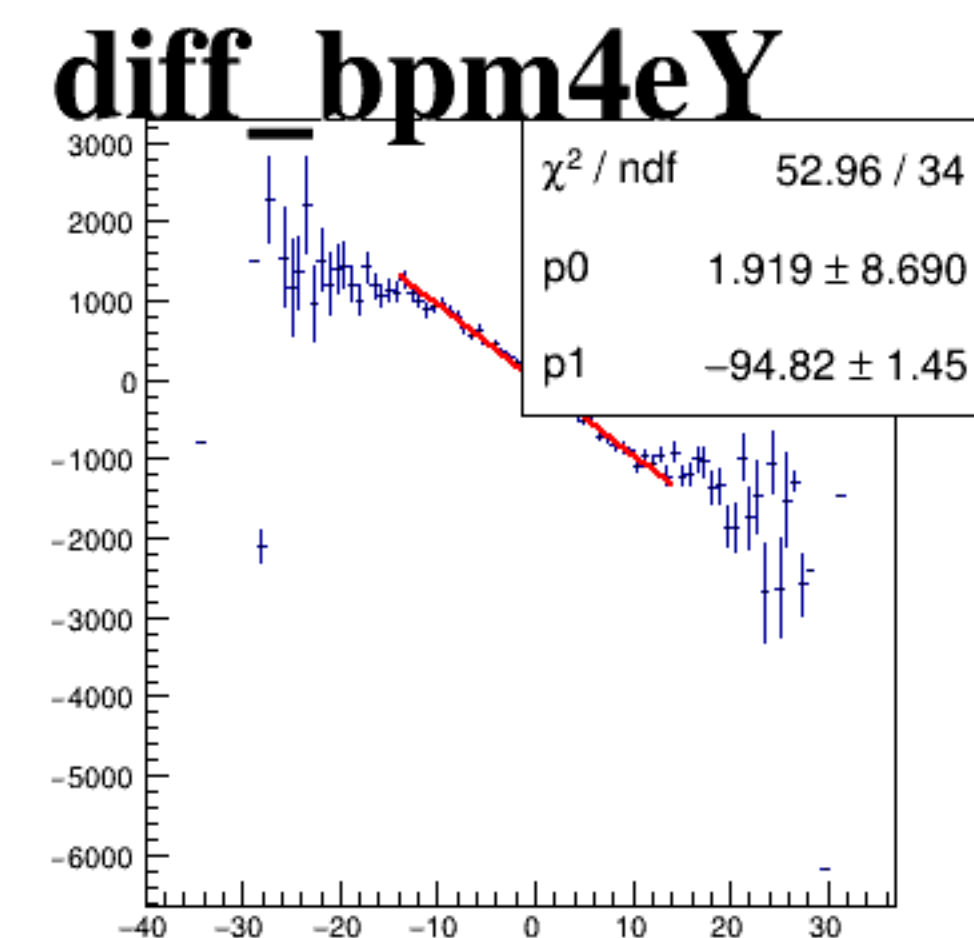
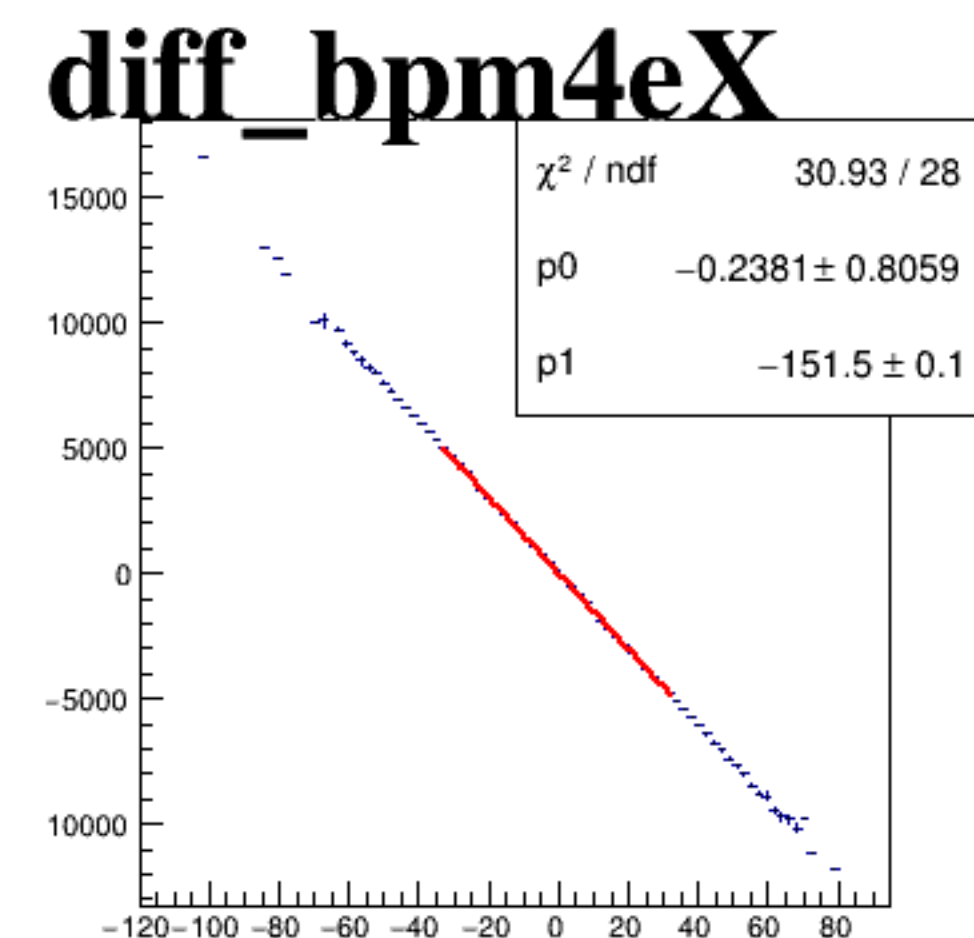
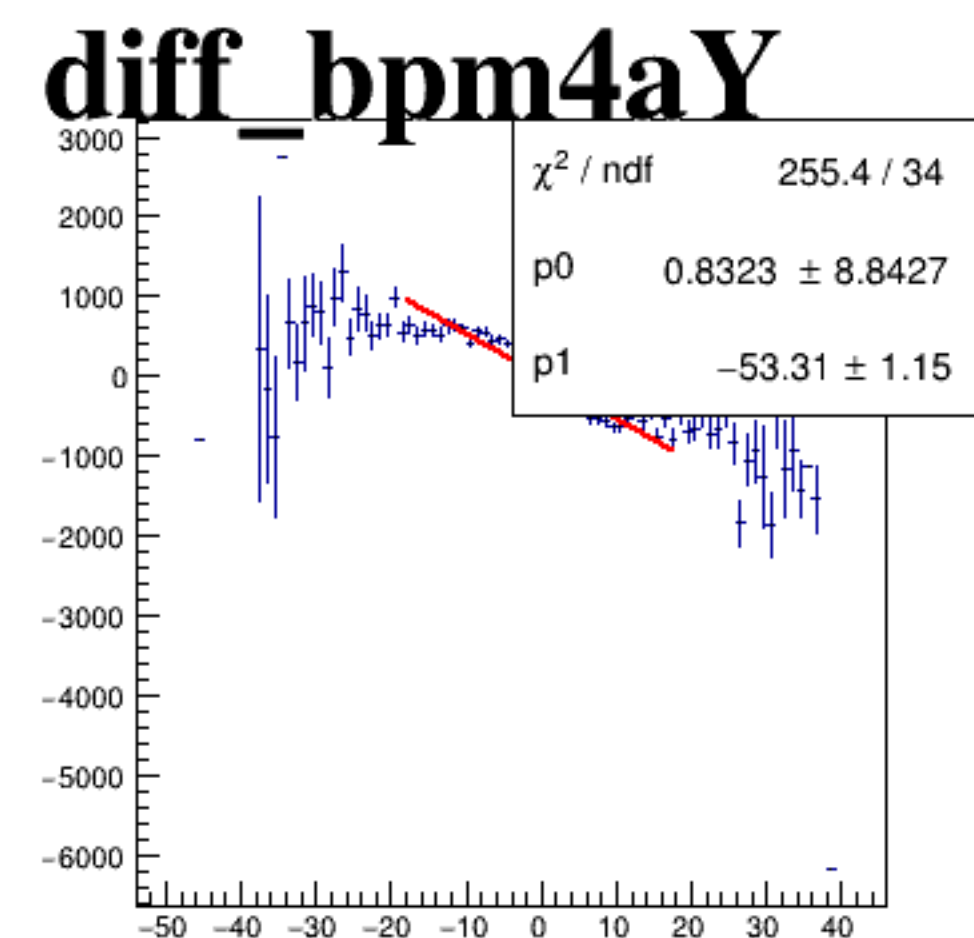
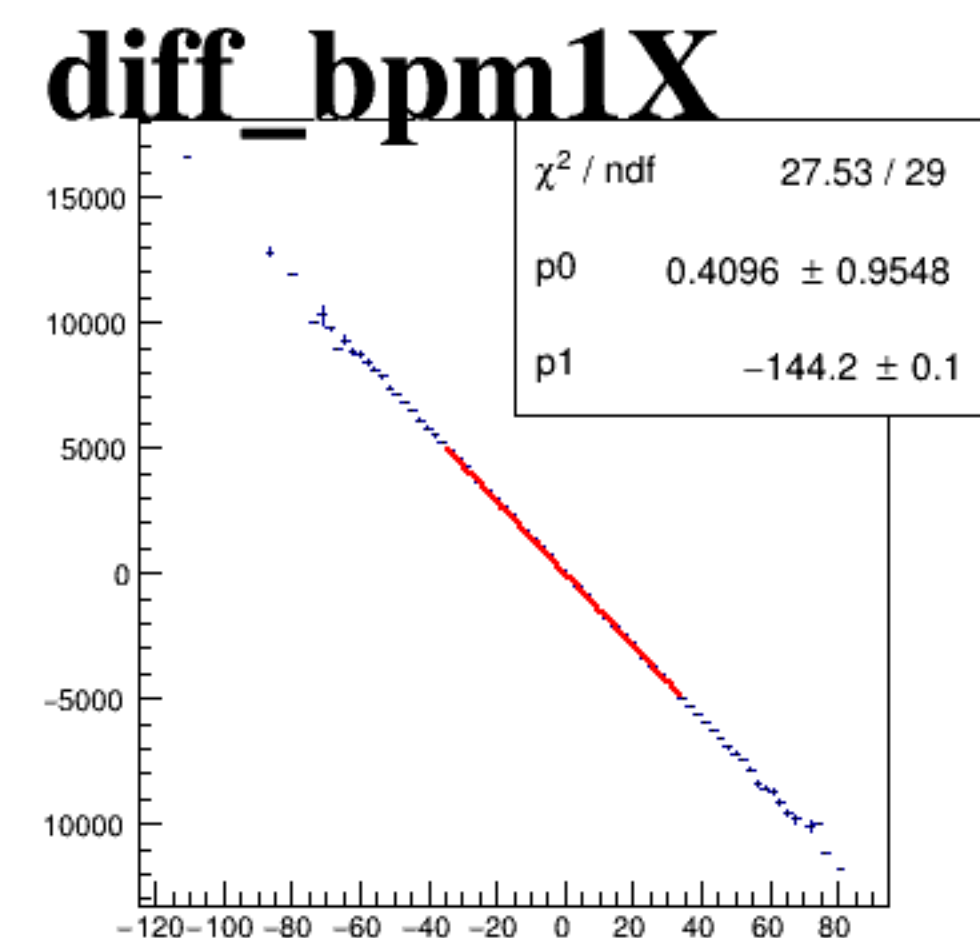
reg_asym_sam7



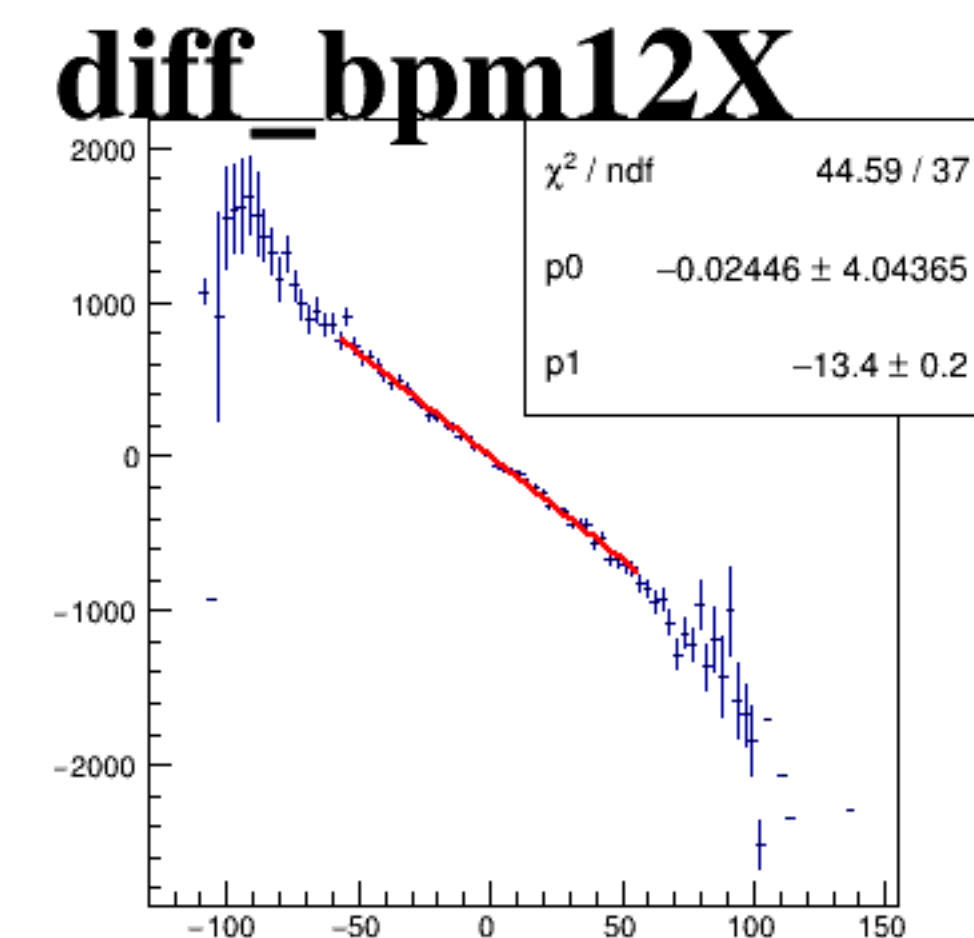
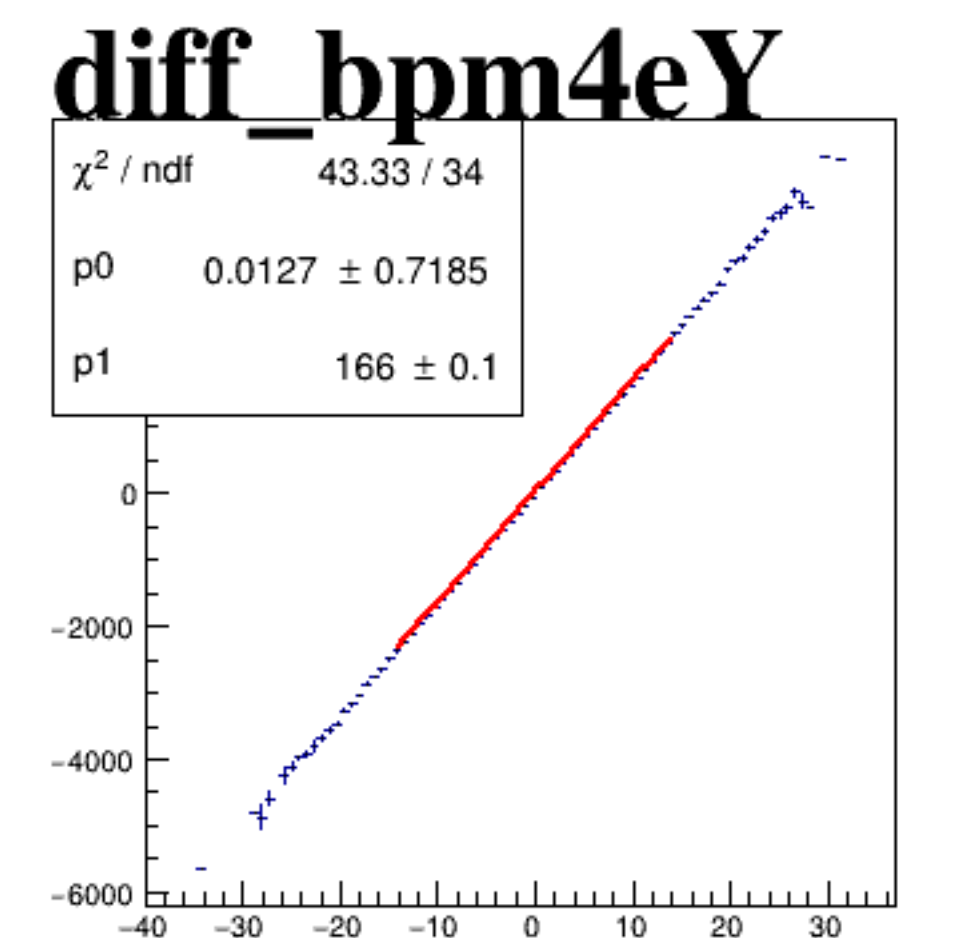
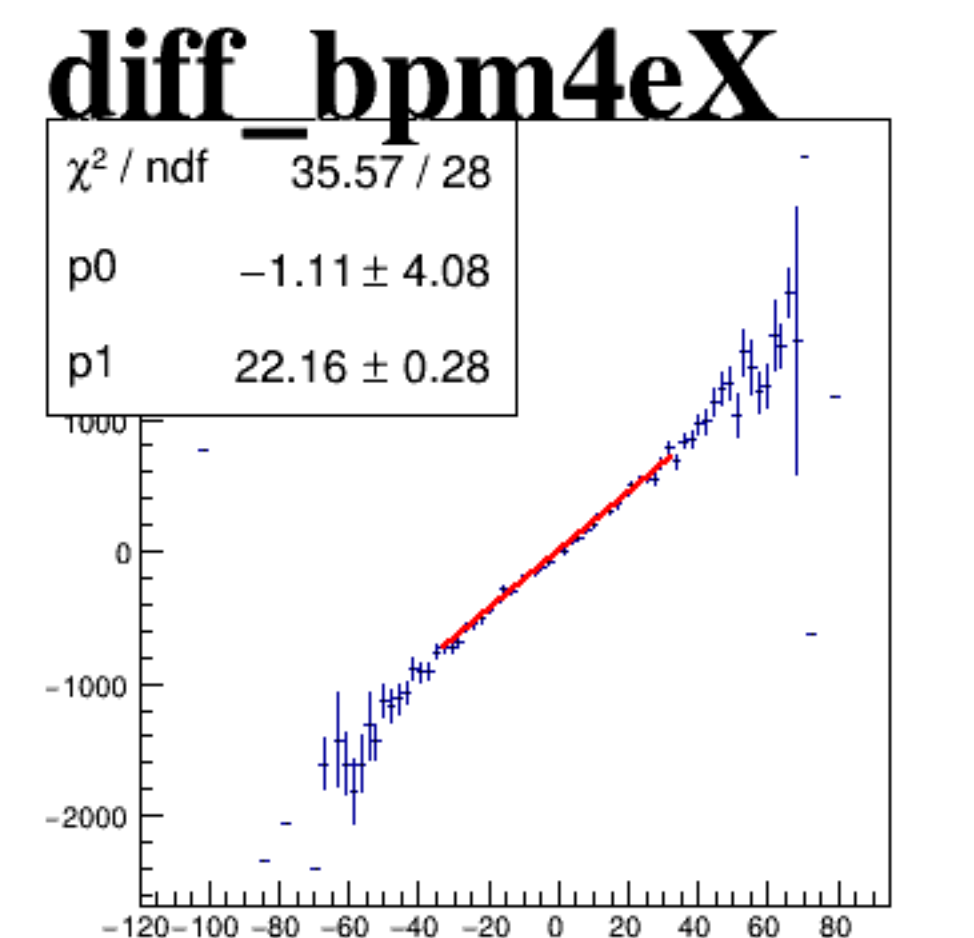
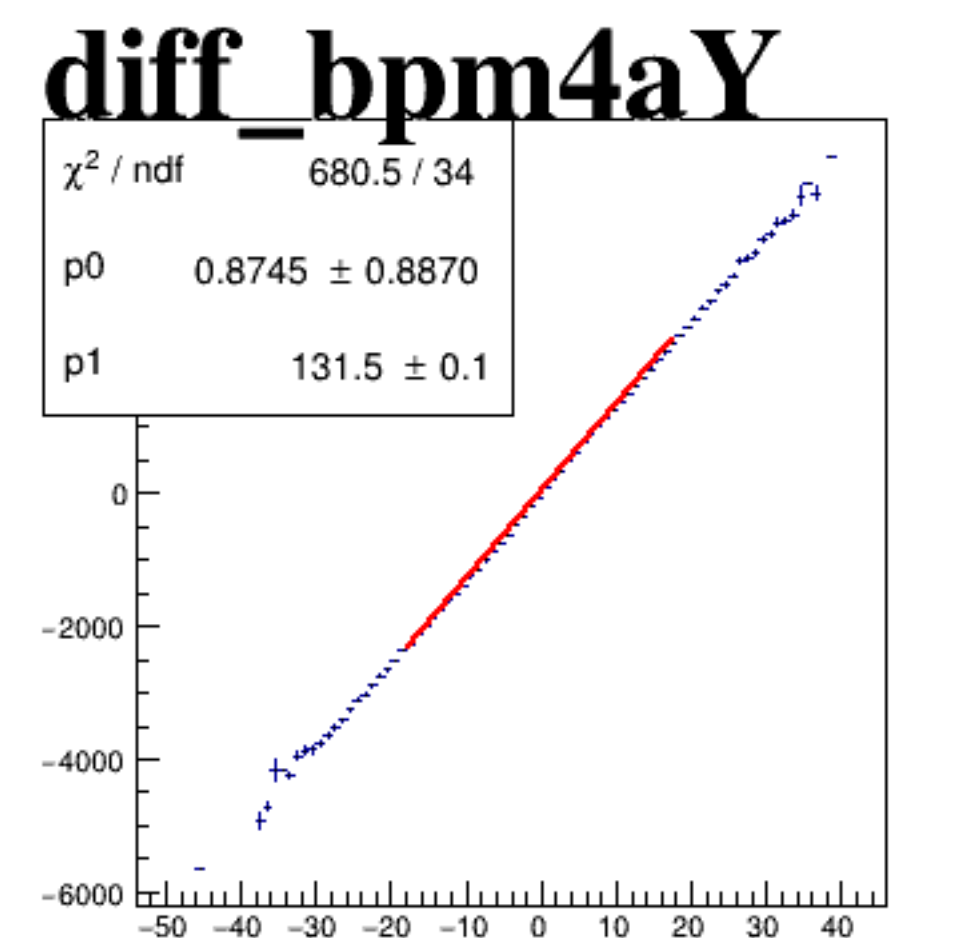
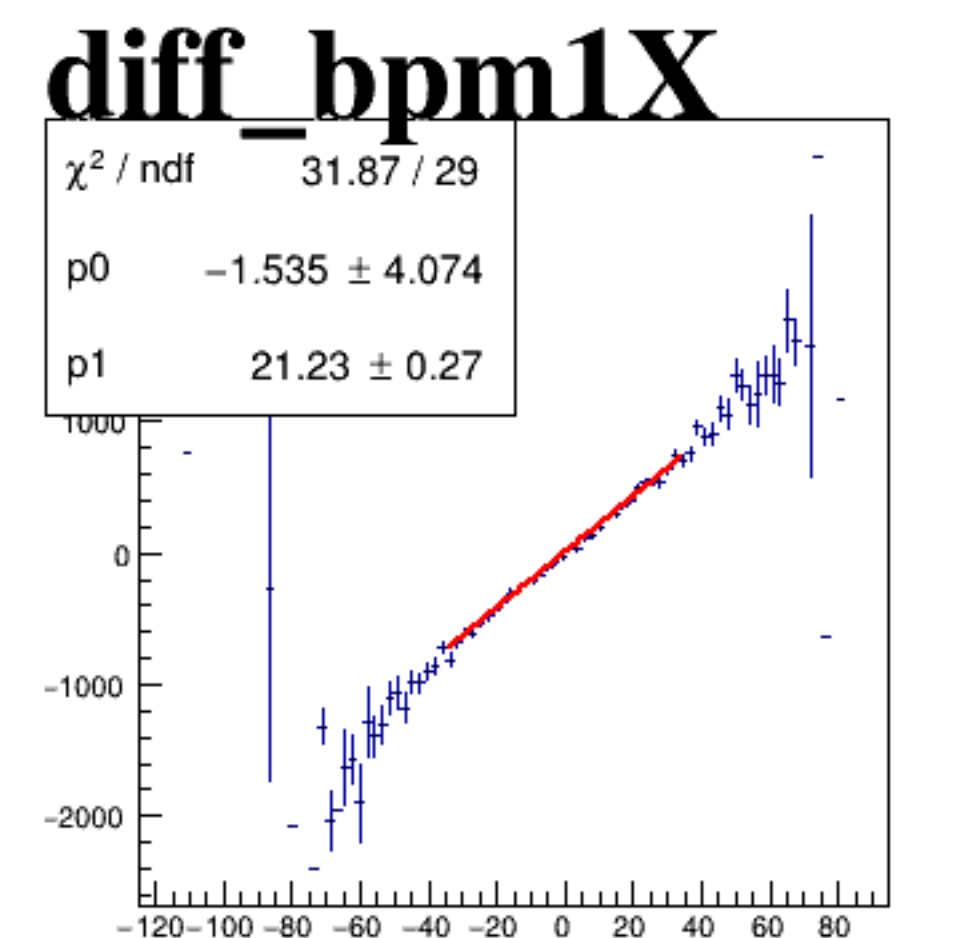
asym_sam1



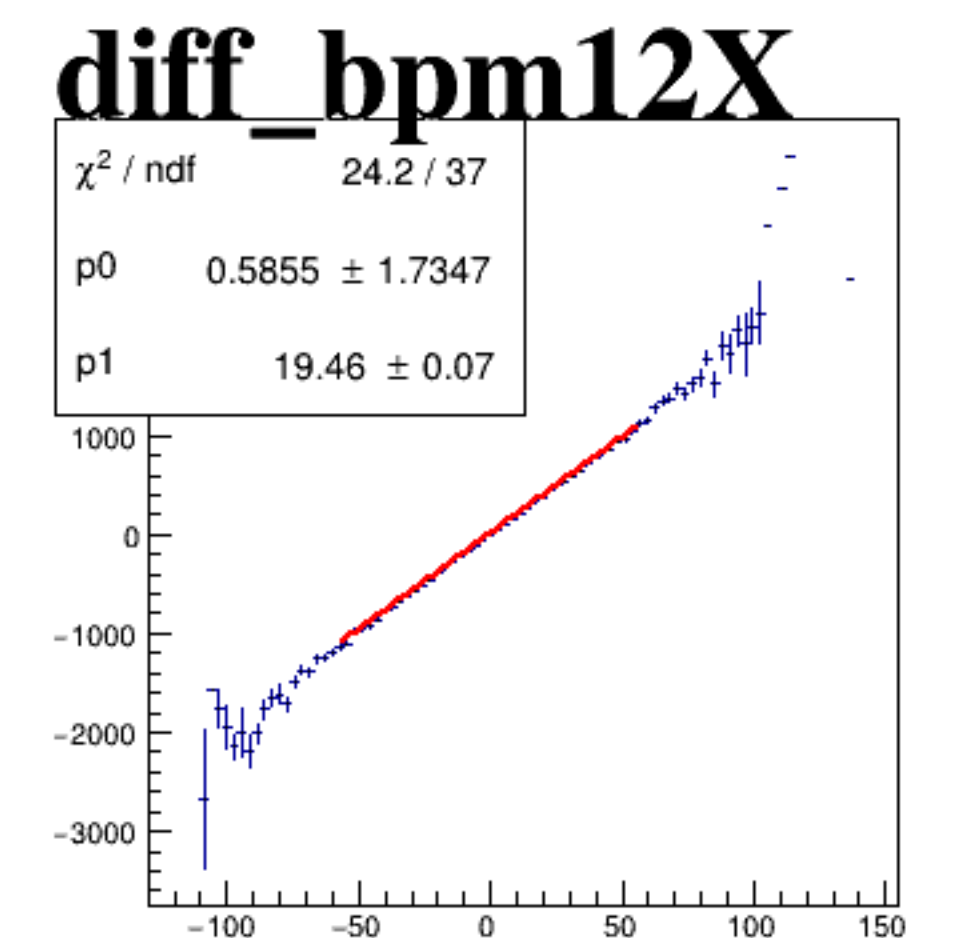
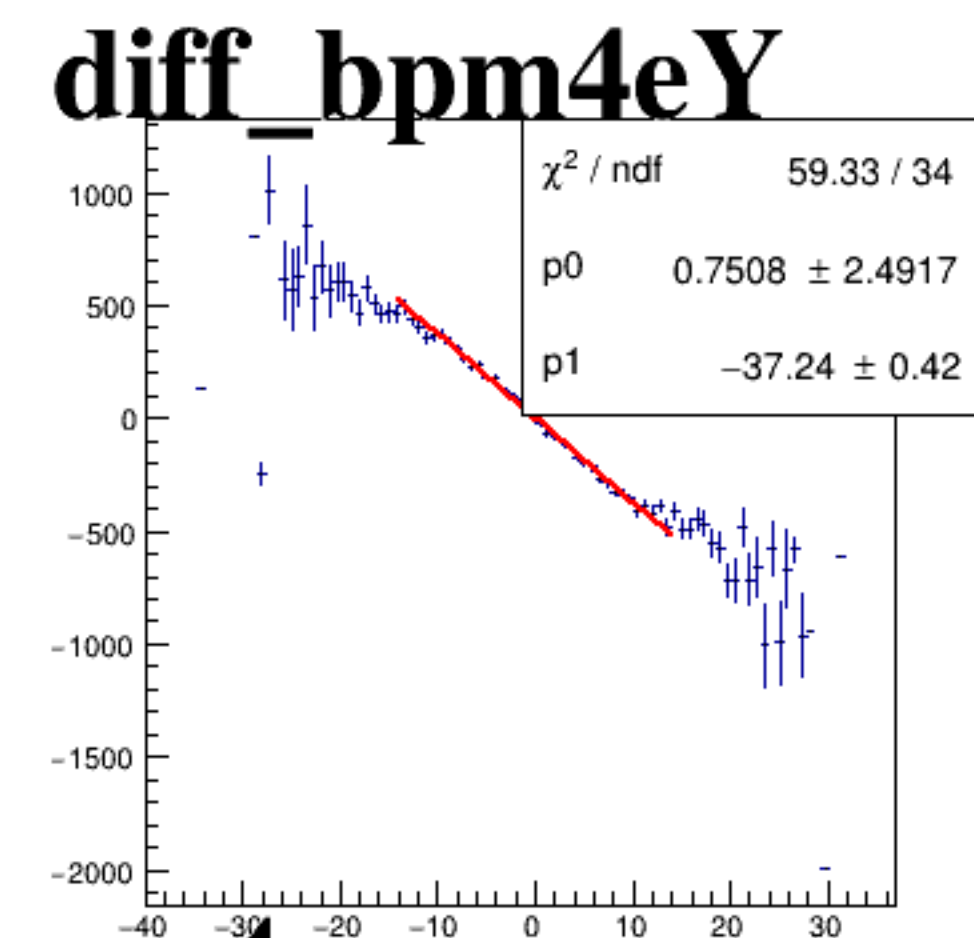
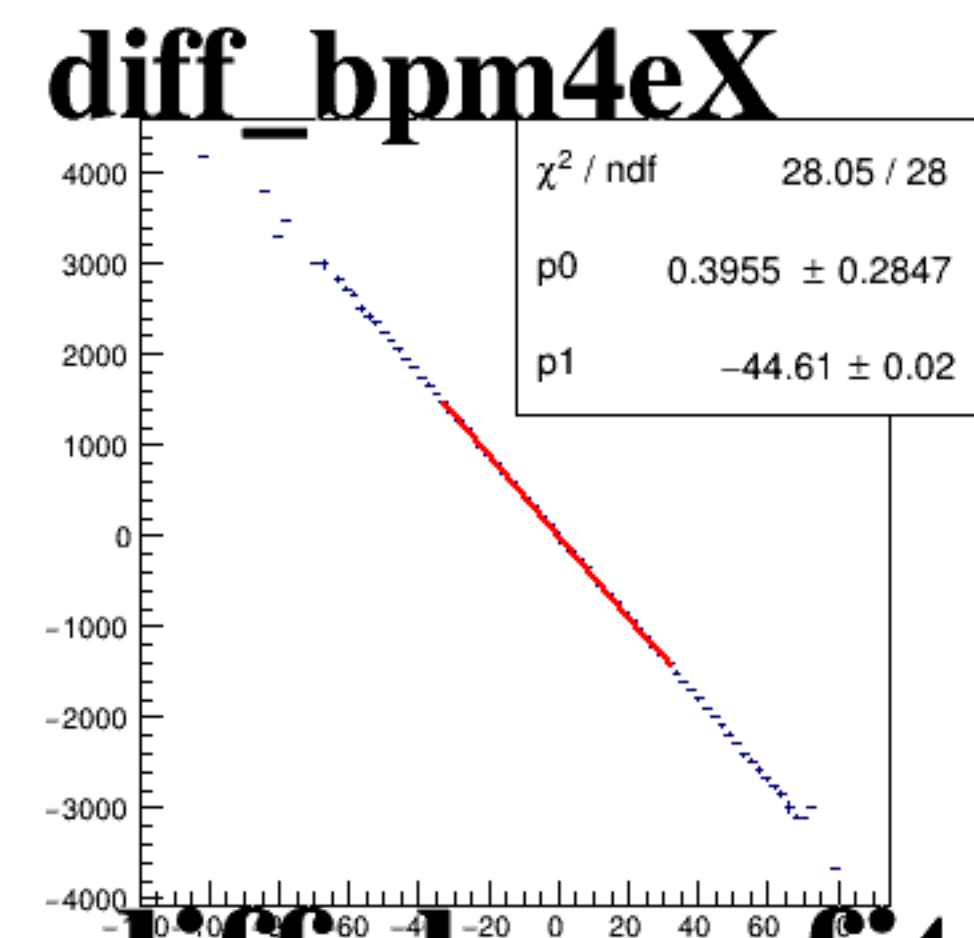
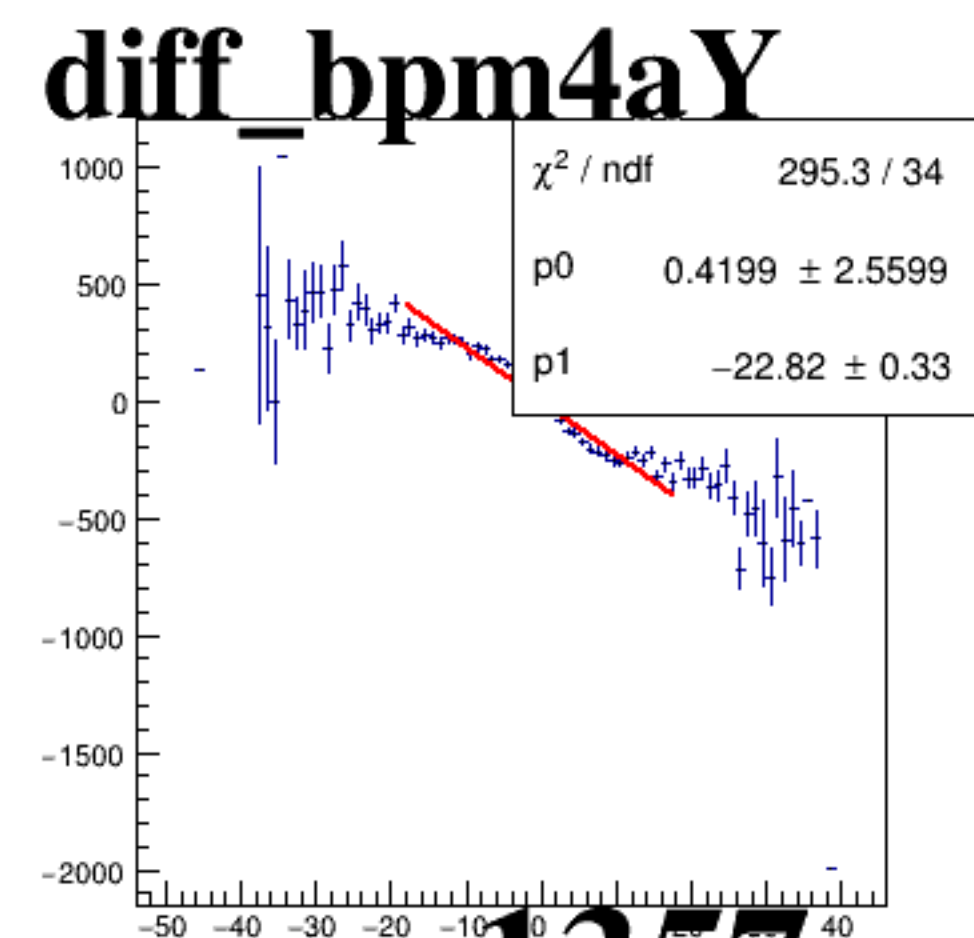
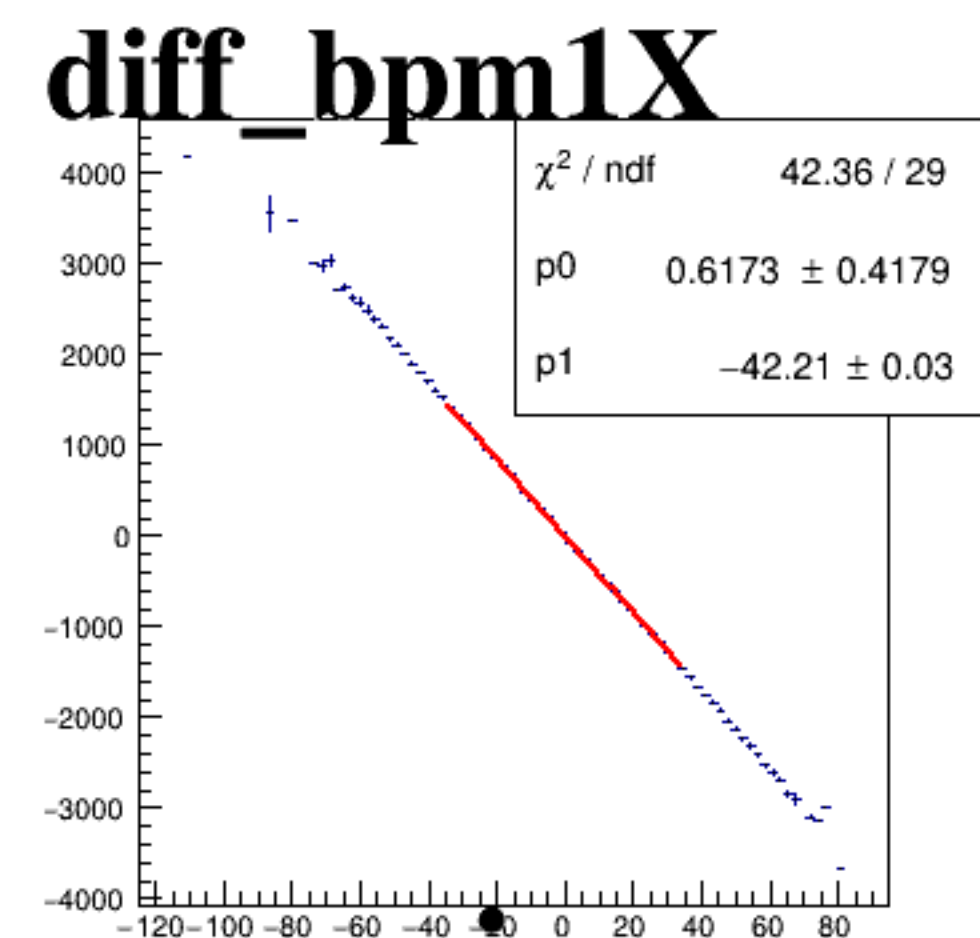
asym_sam3



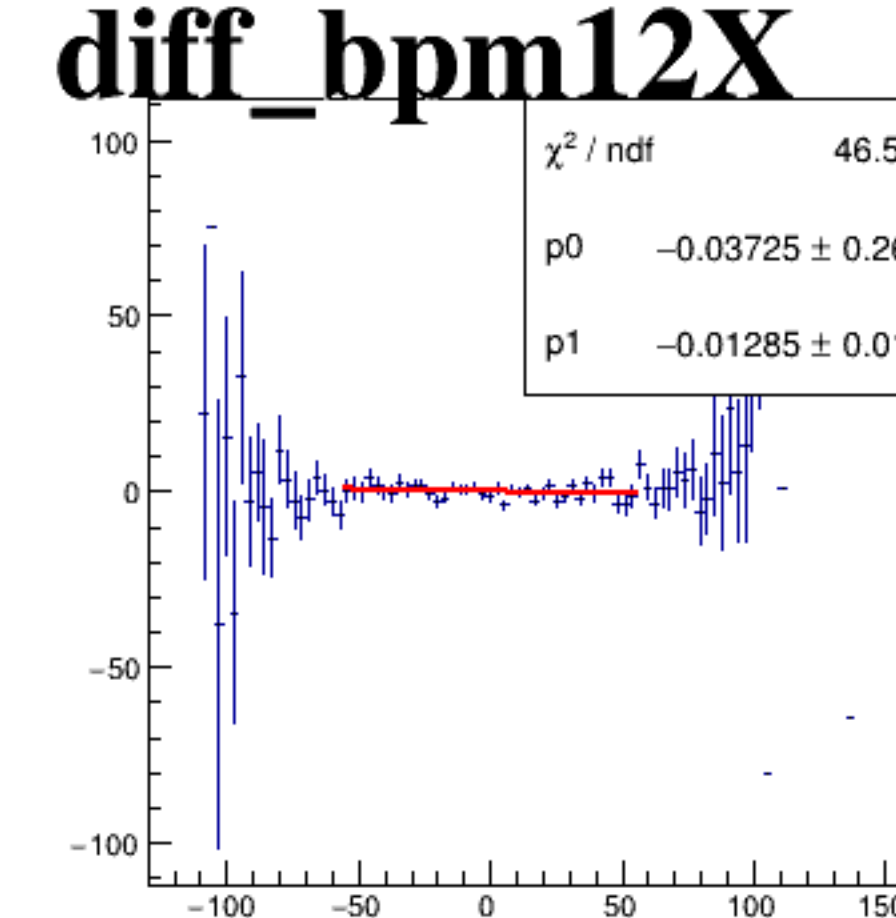
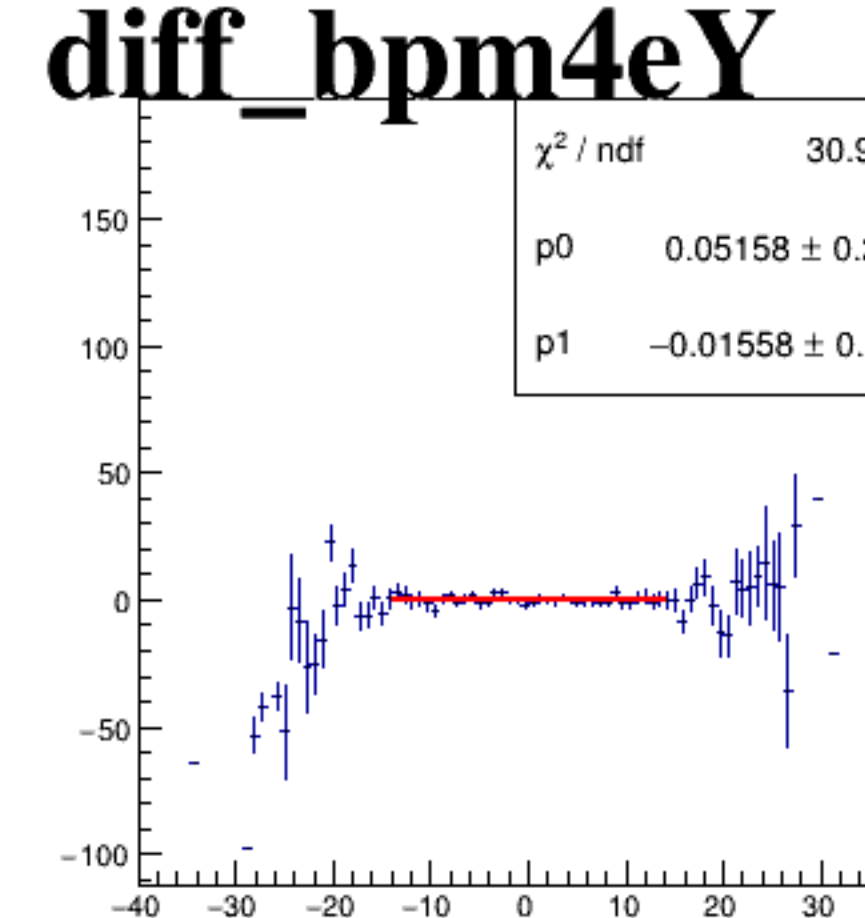
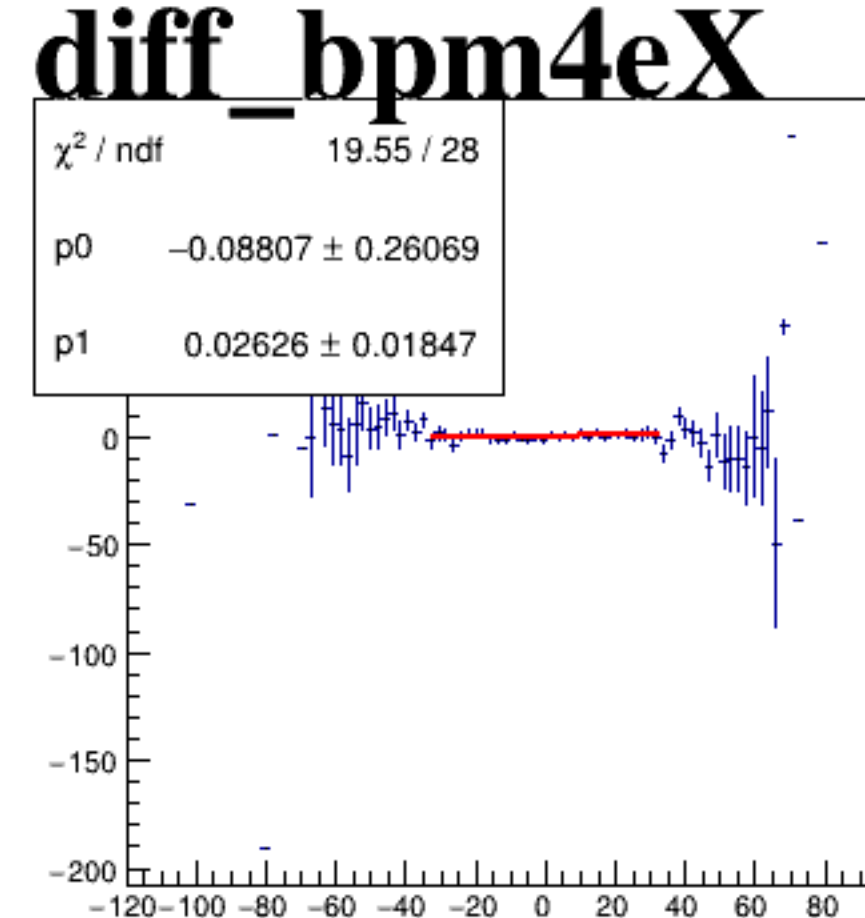
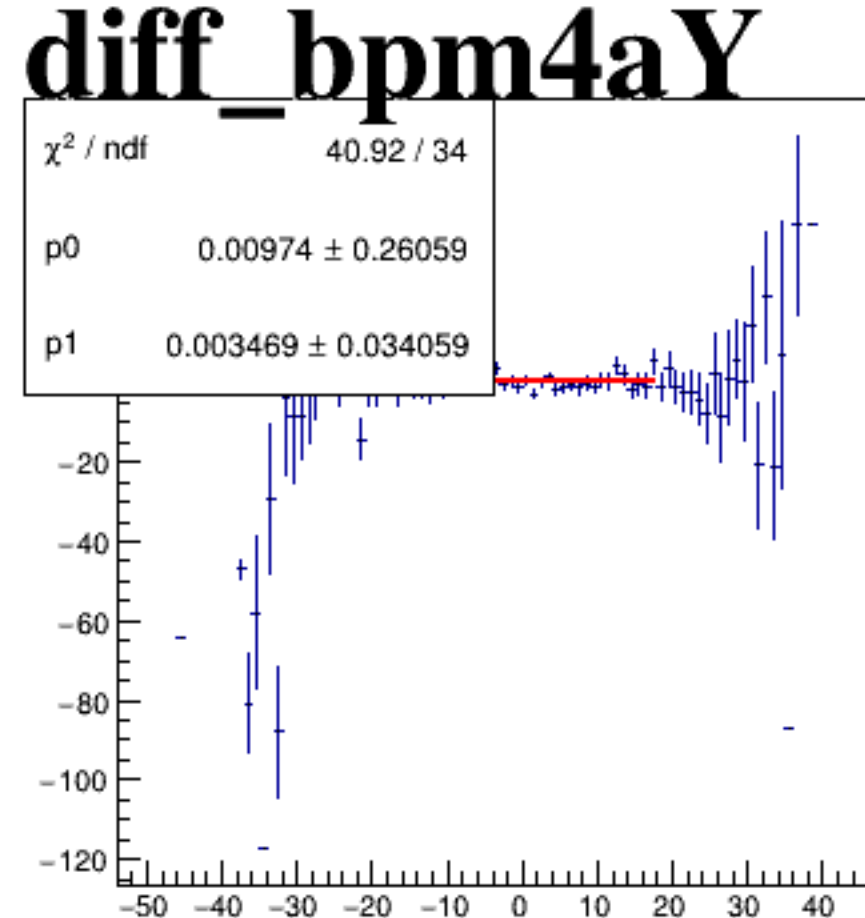
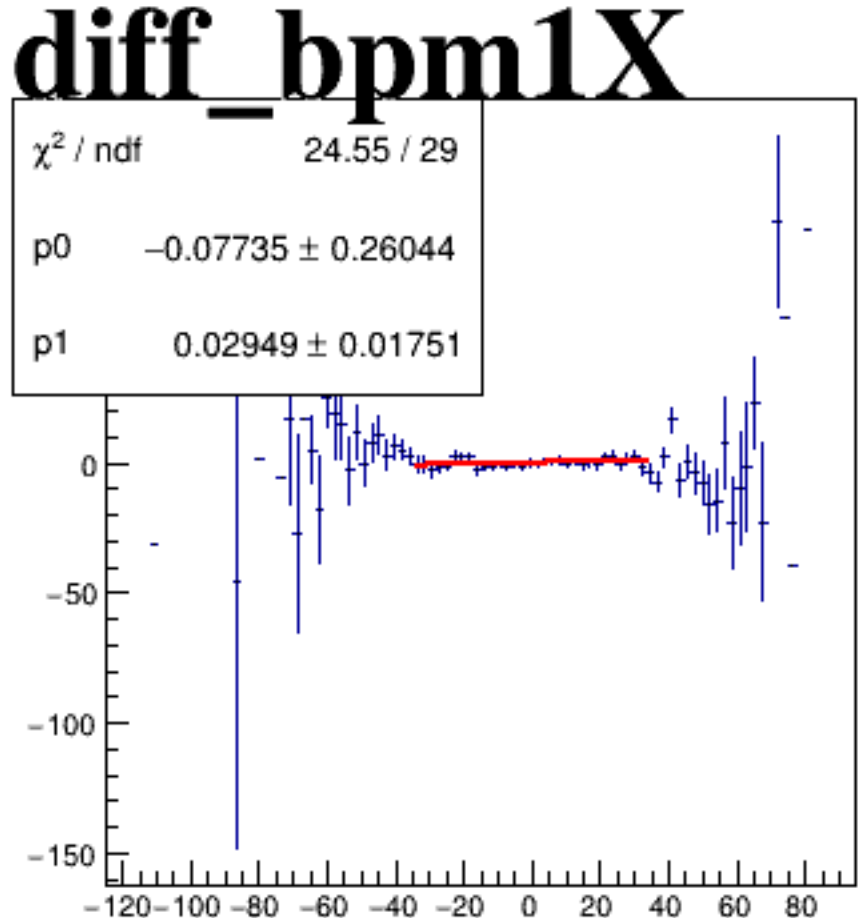
asym_sam5



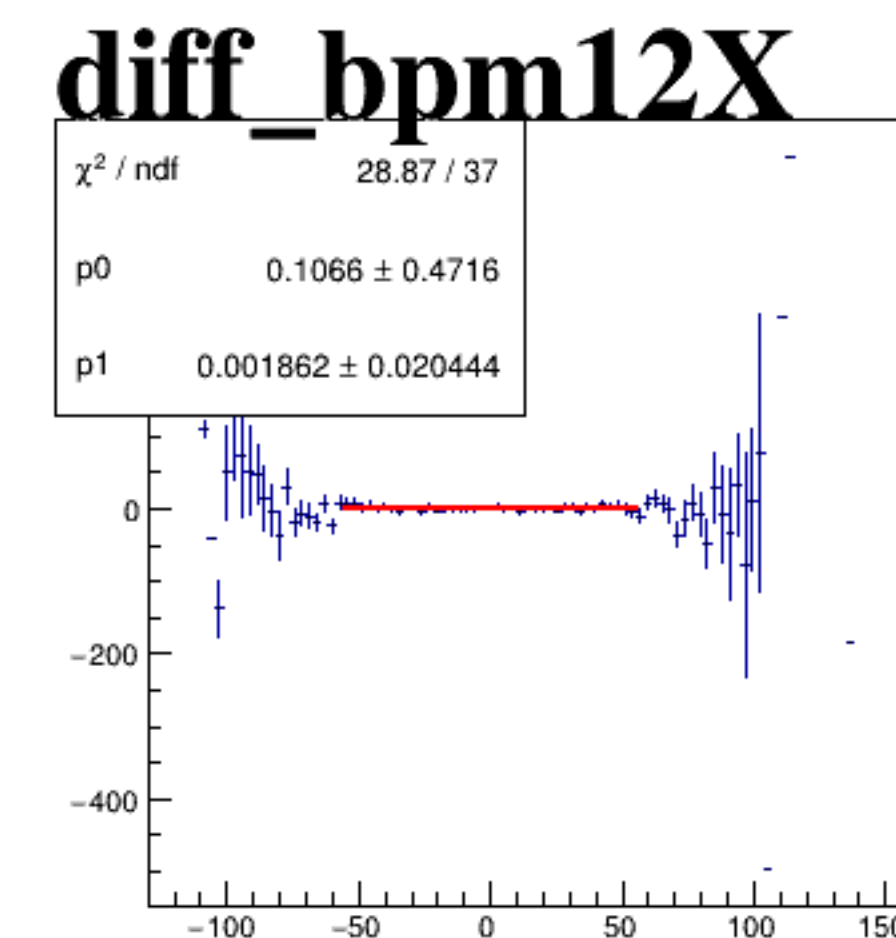
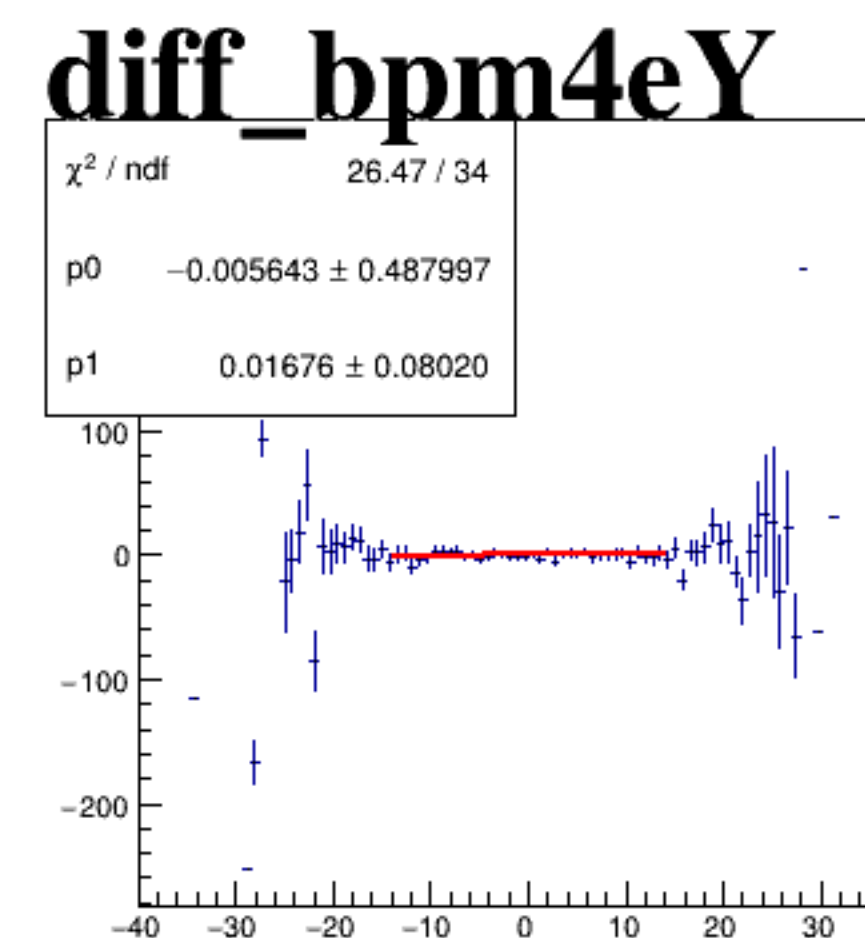
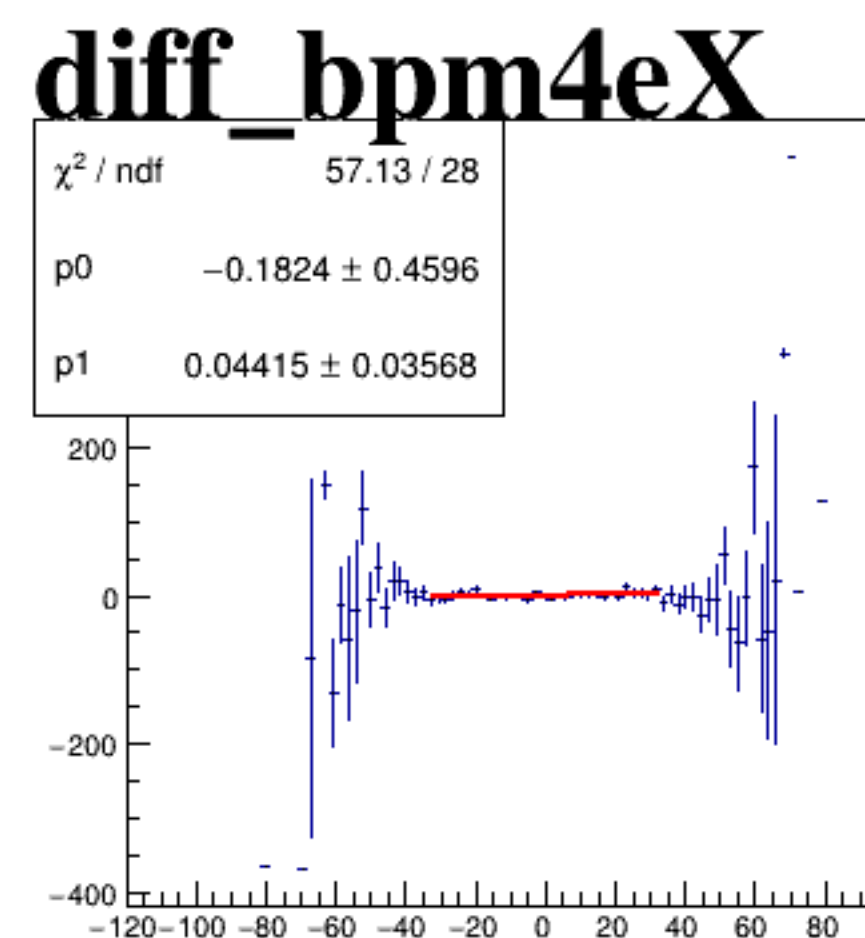
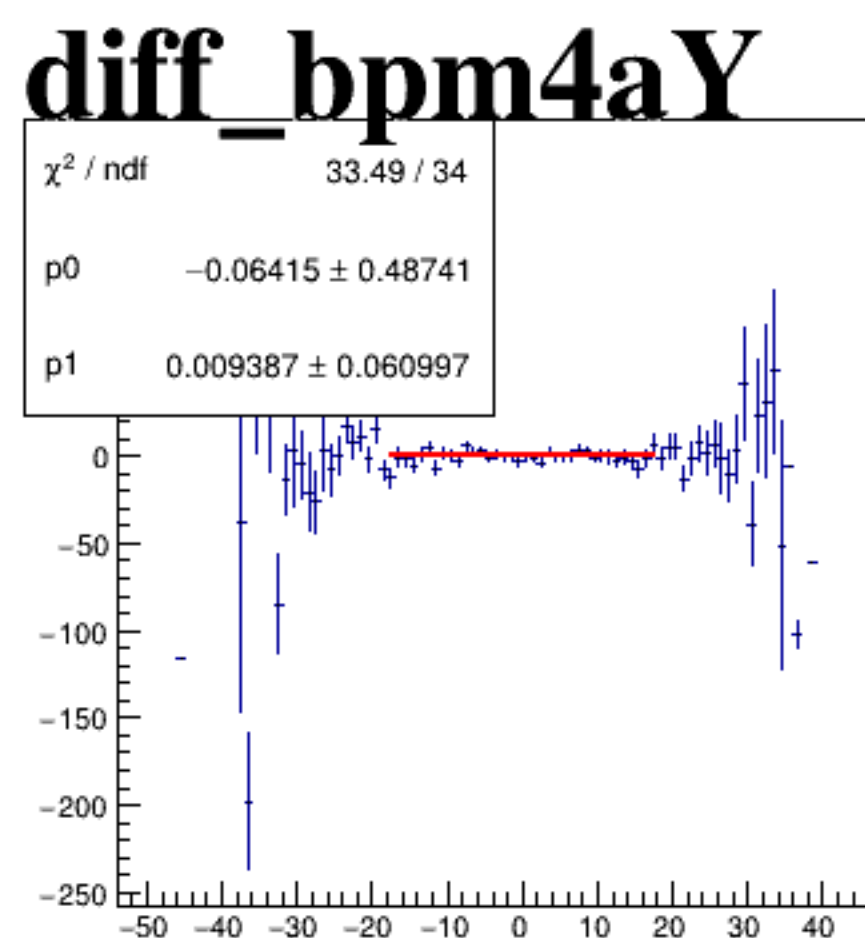
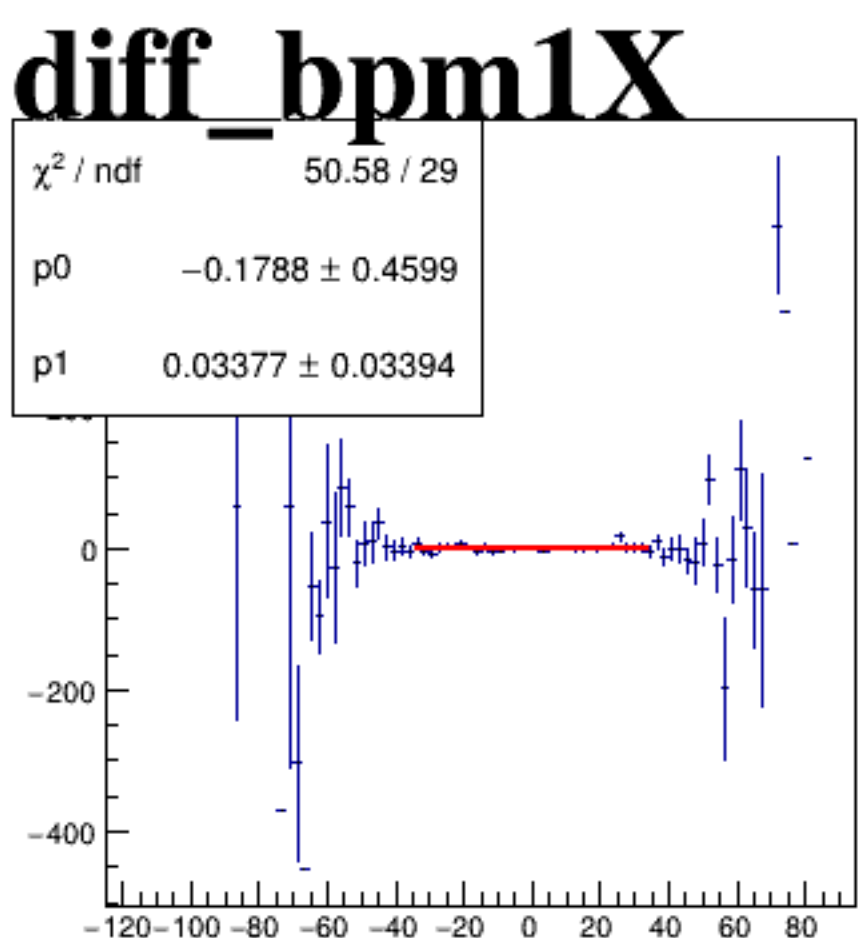
asym_sam7



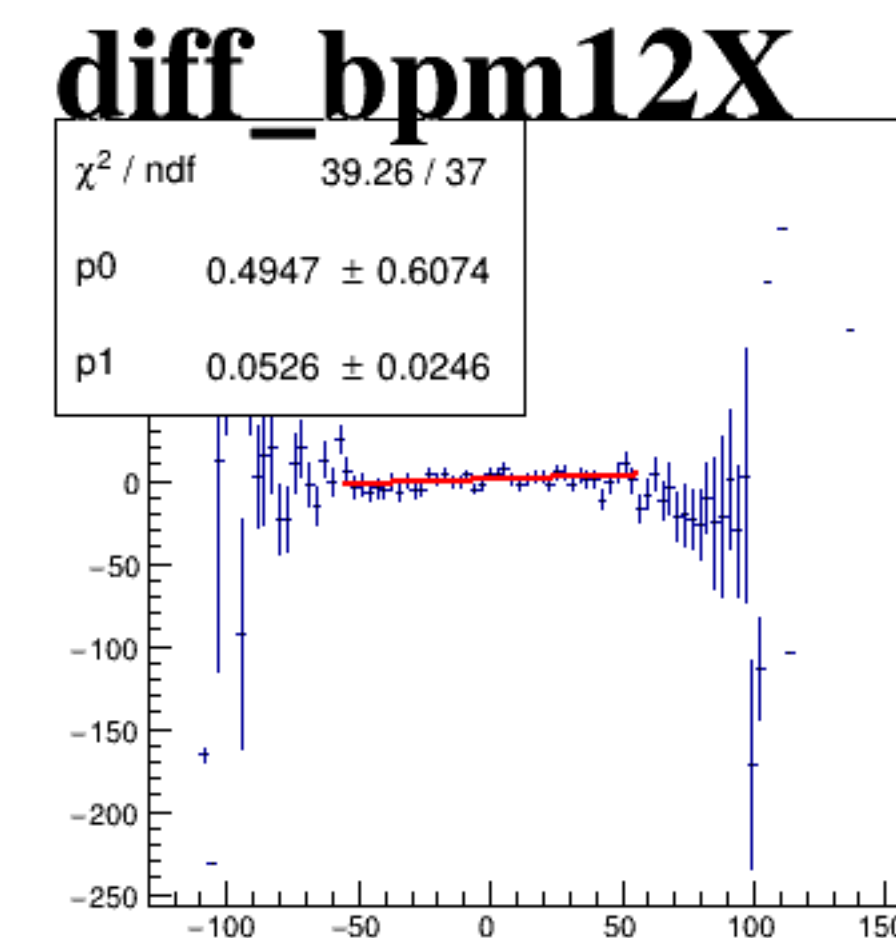
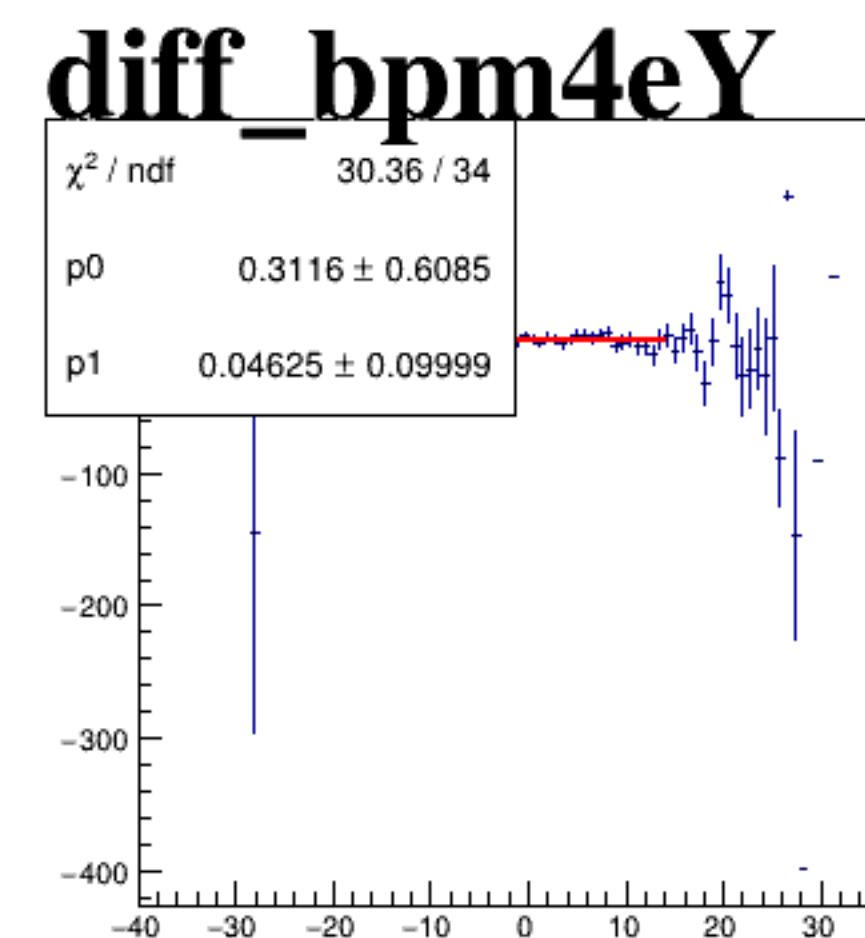
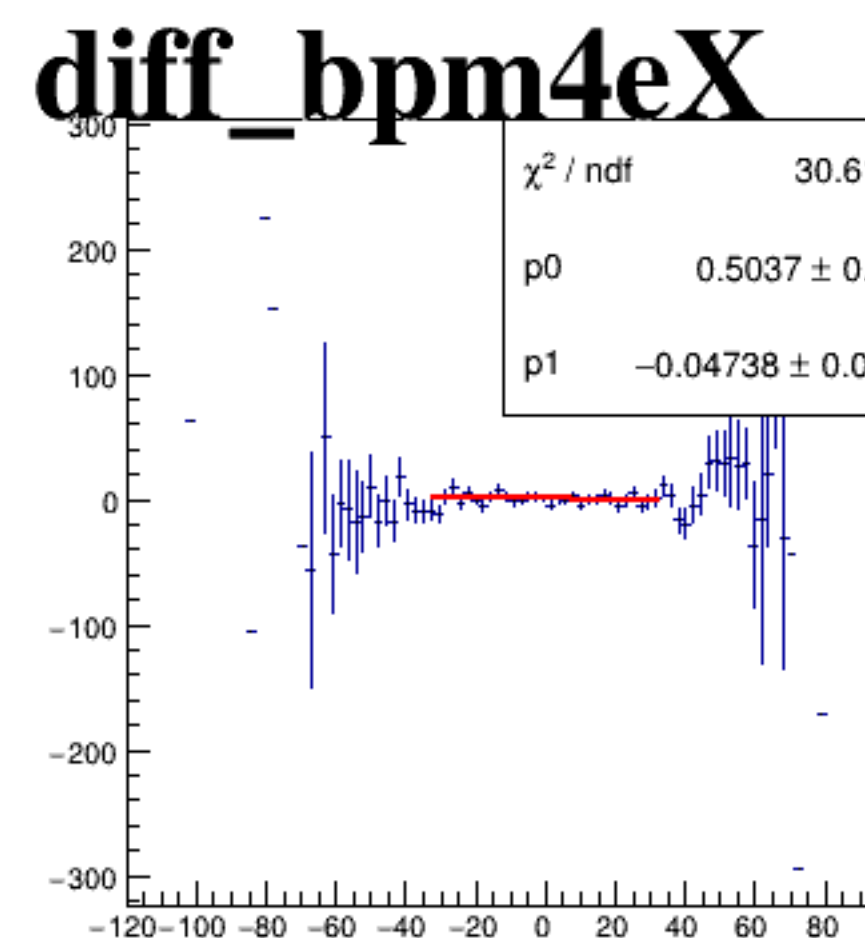
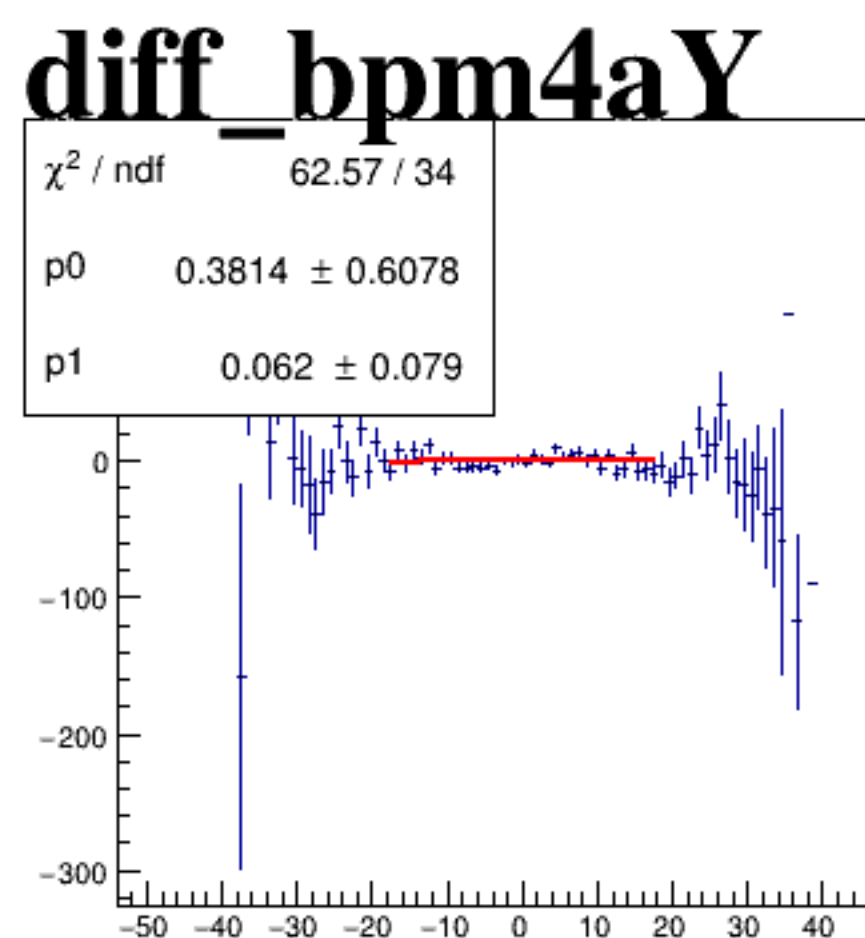
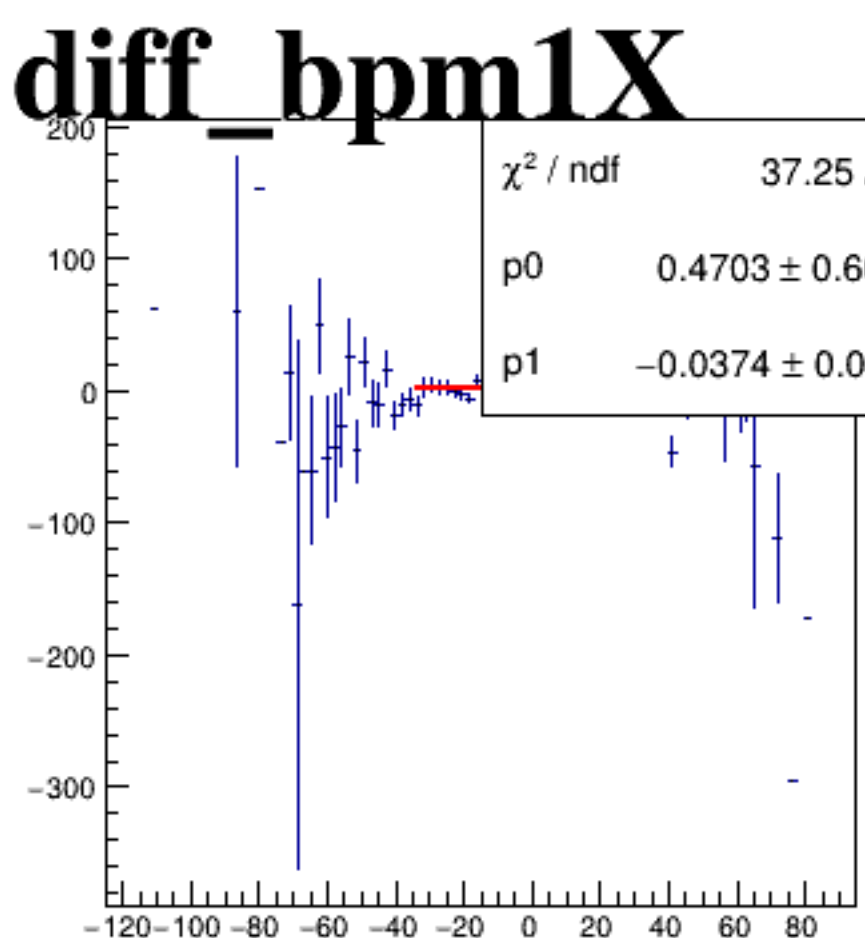
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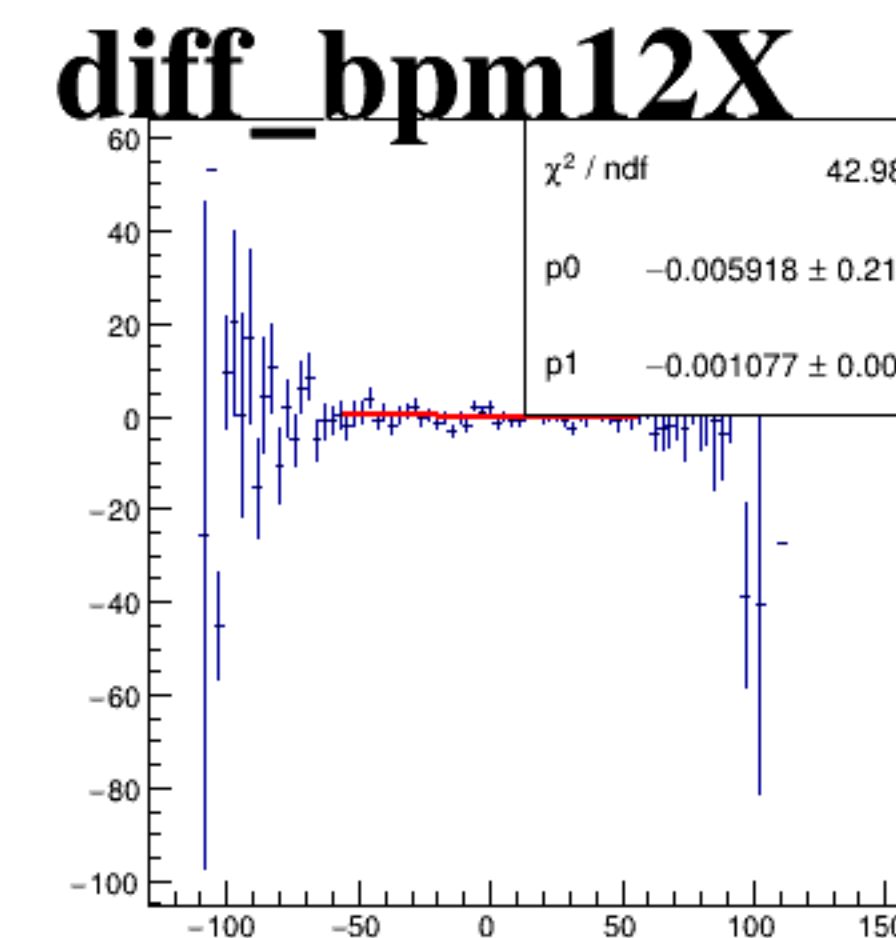
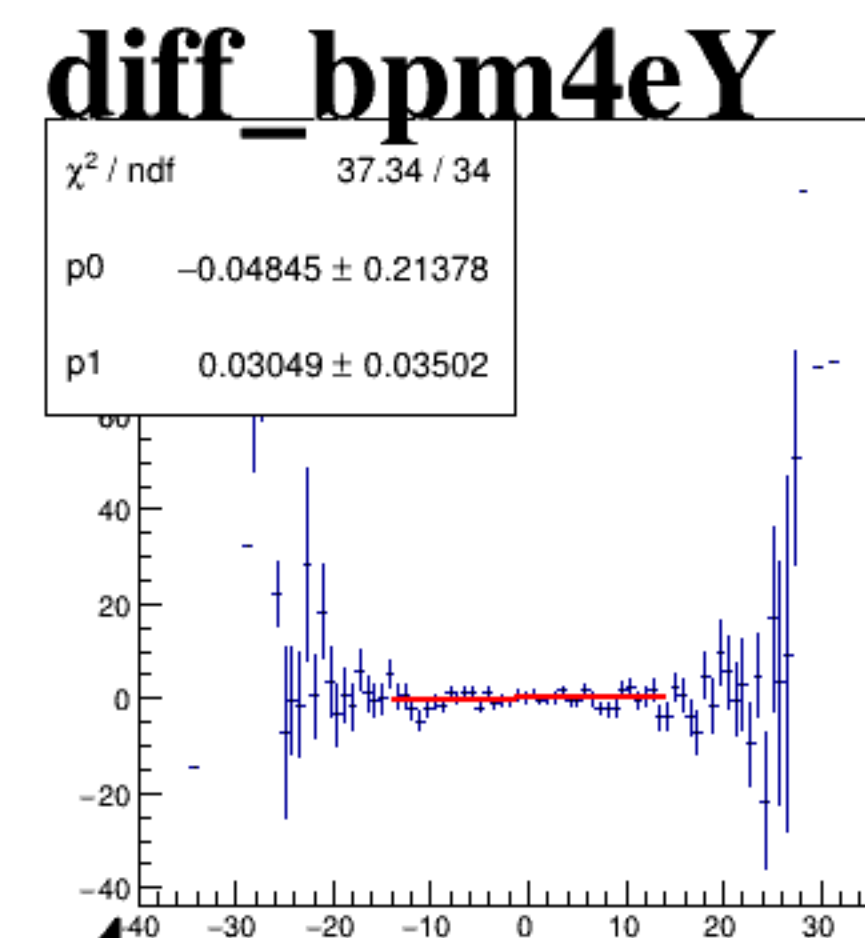
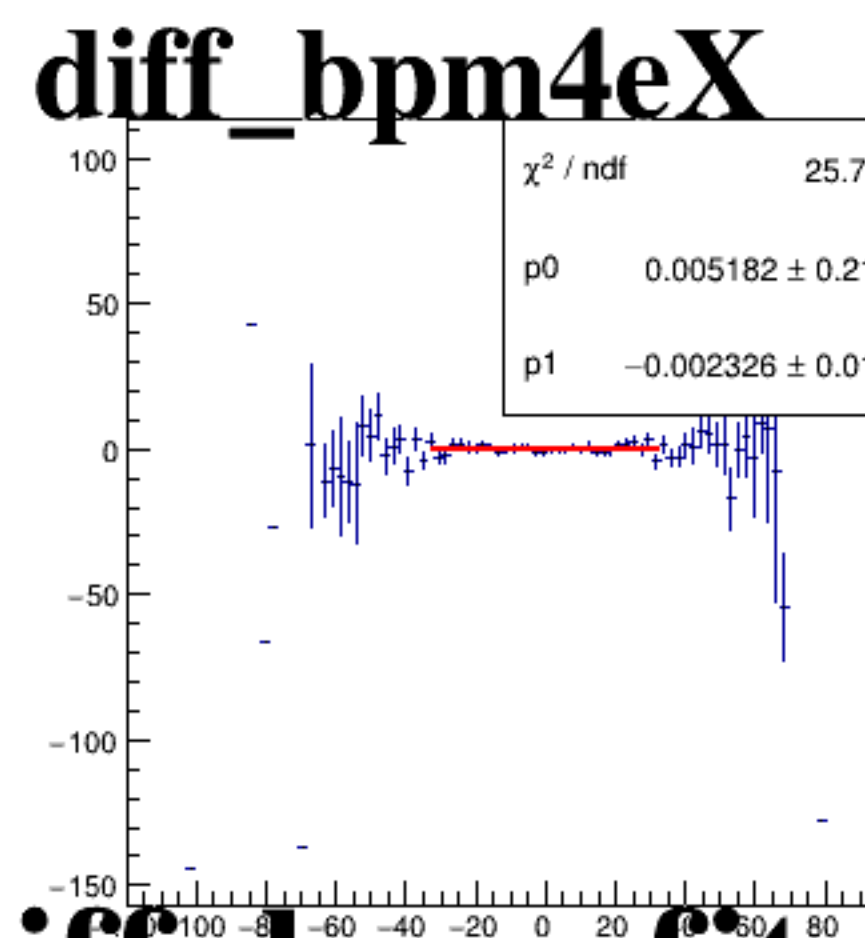
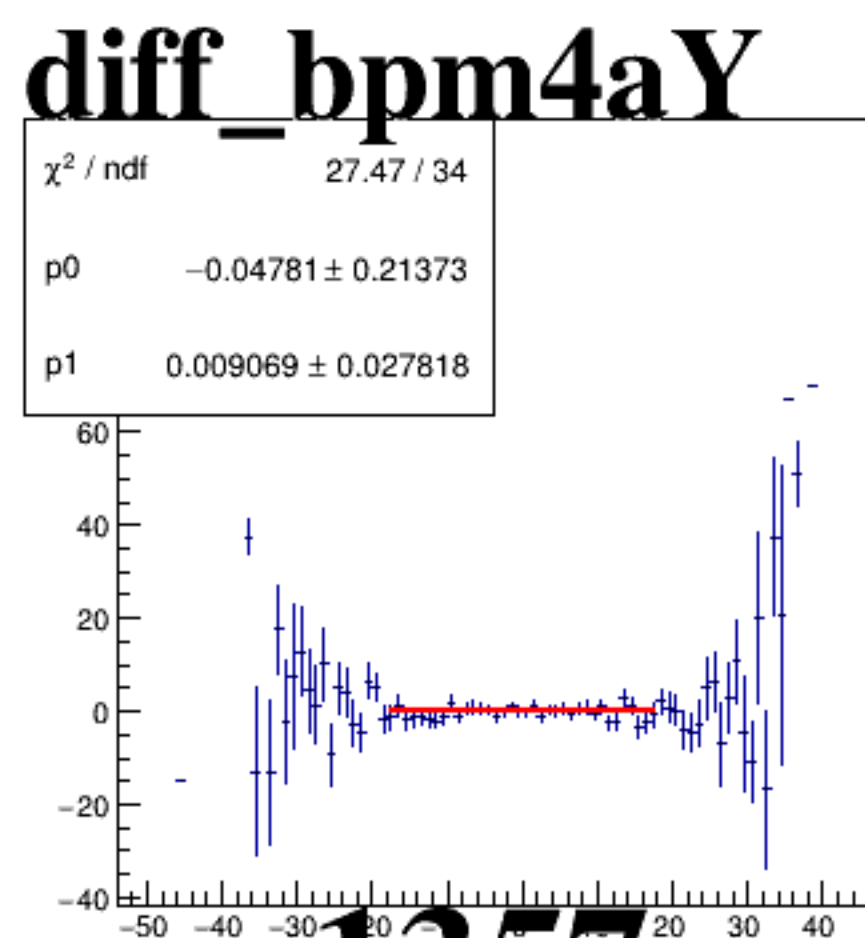
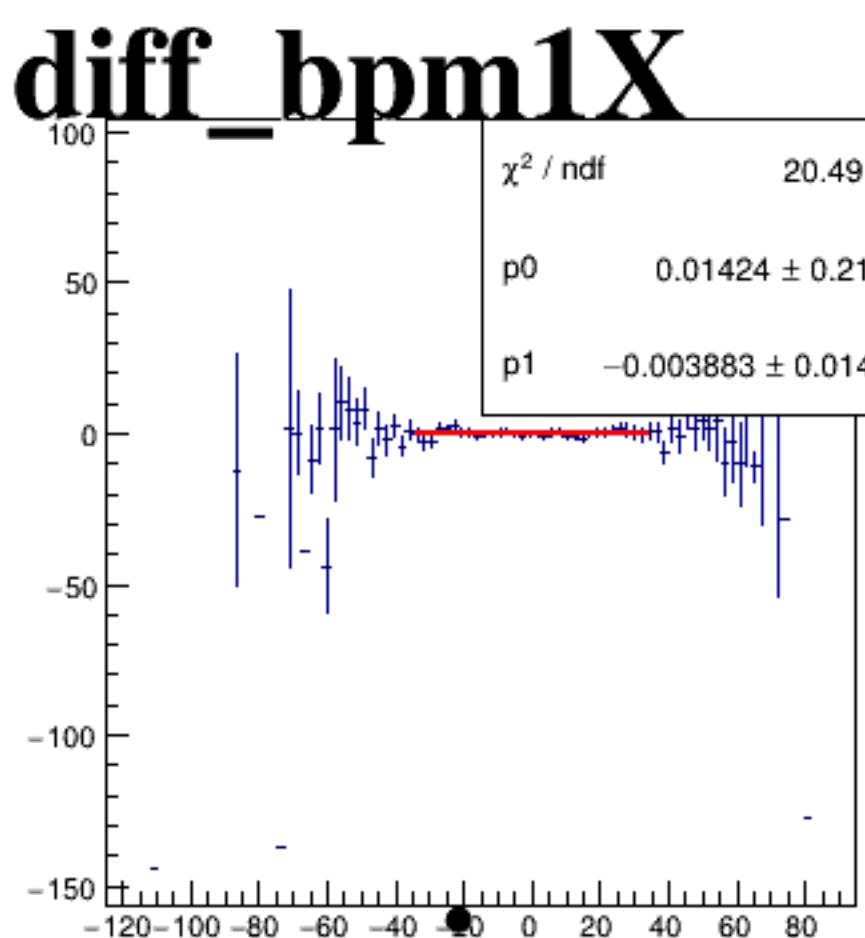
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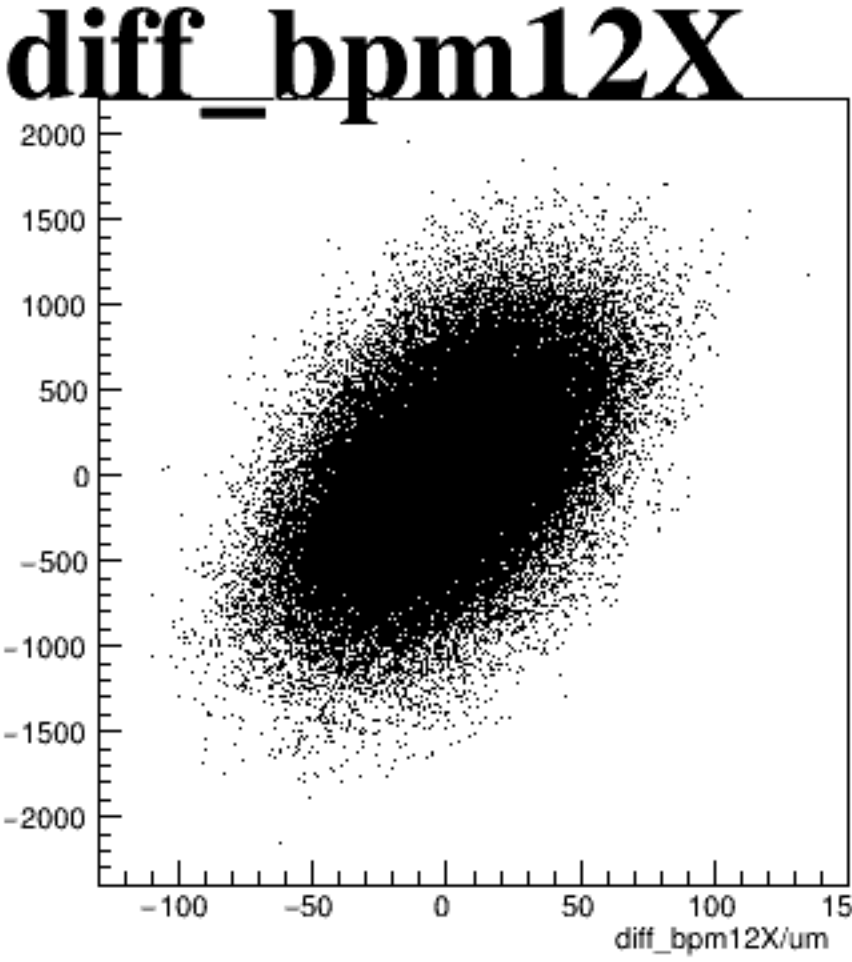
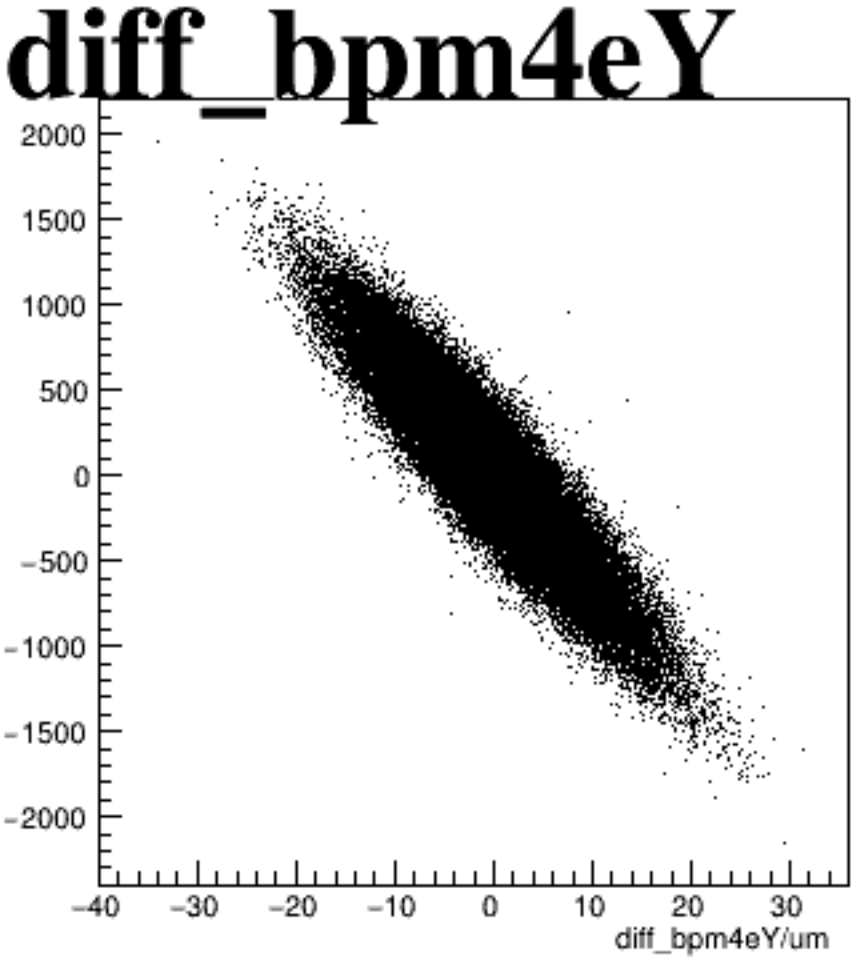
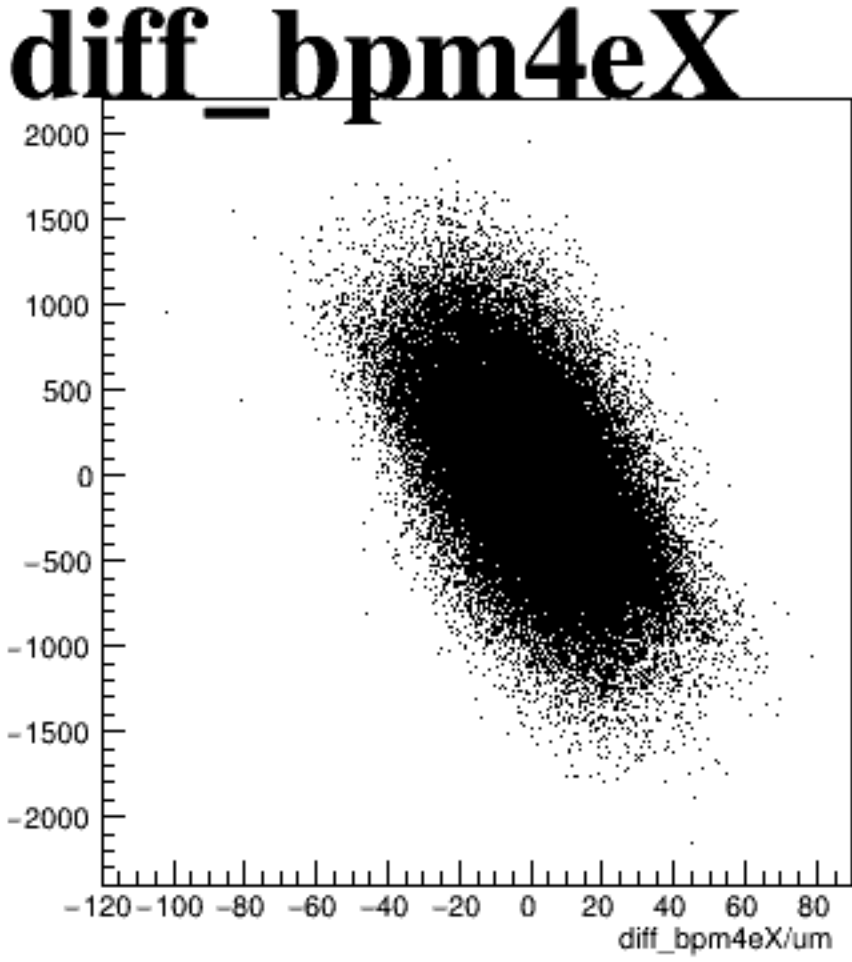
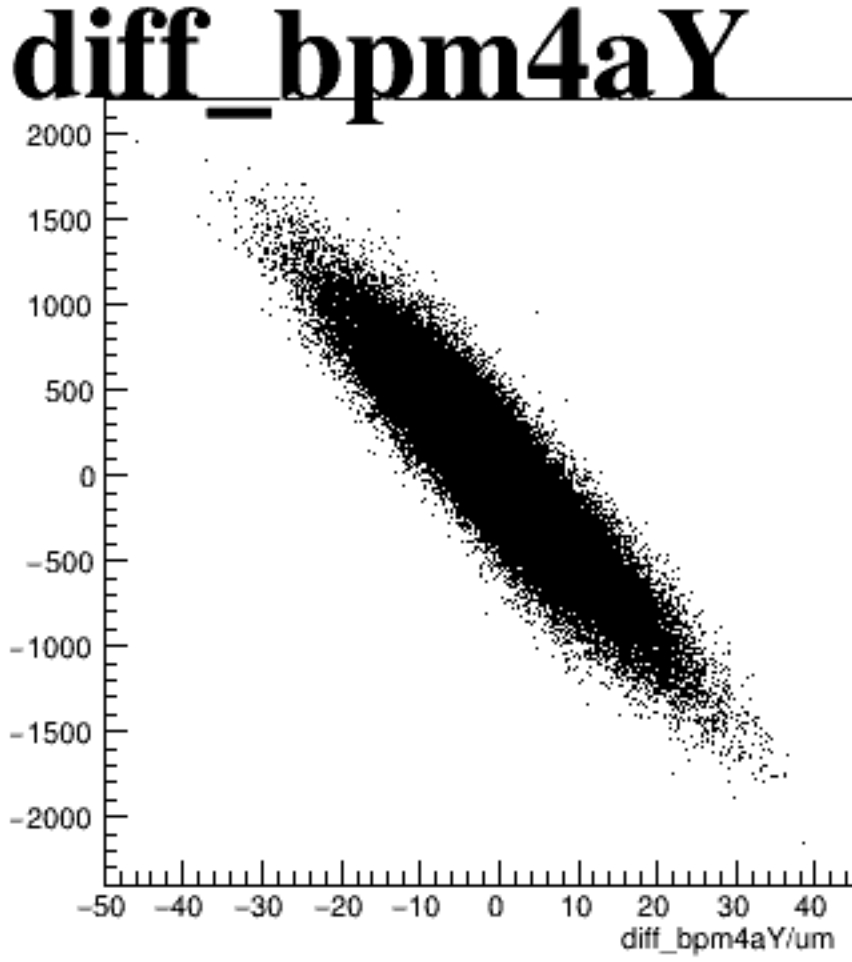
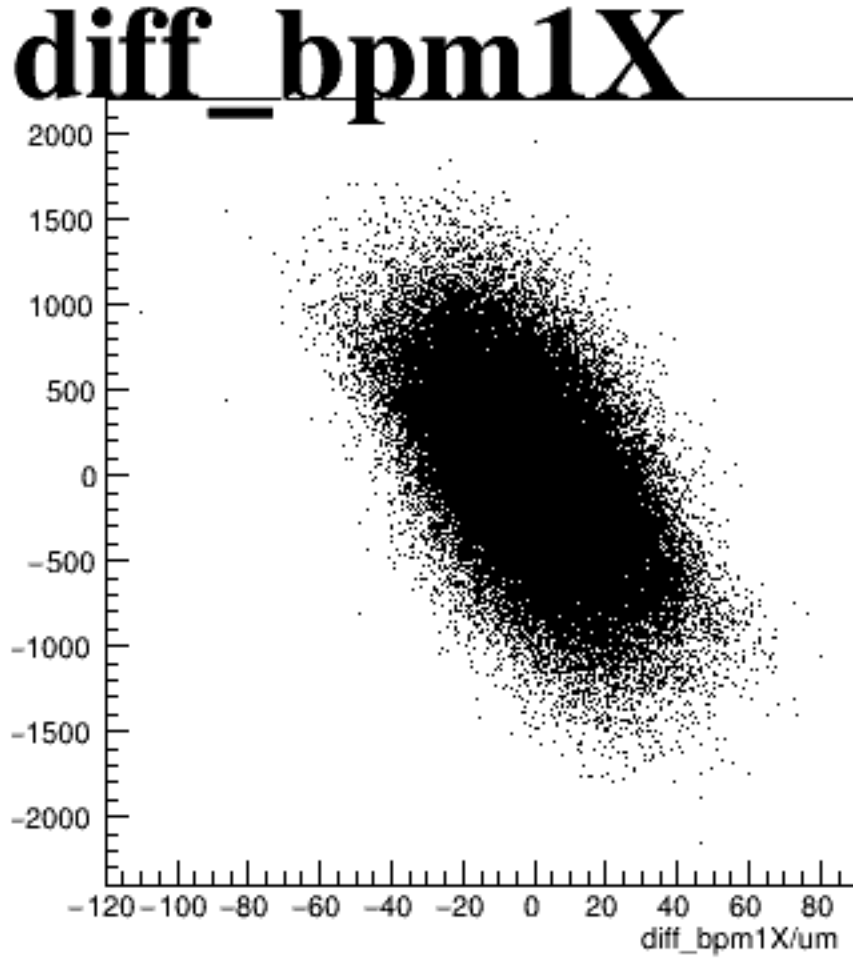
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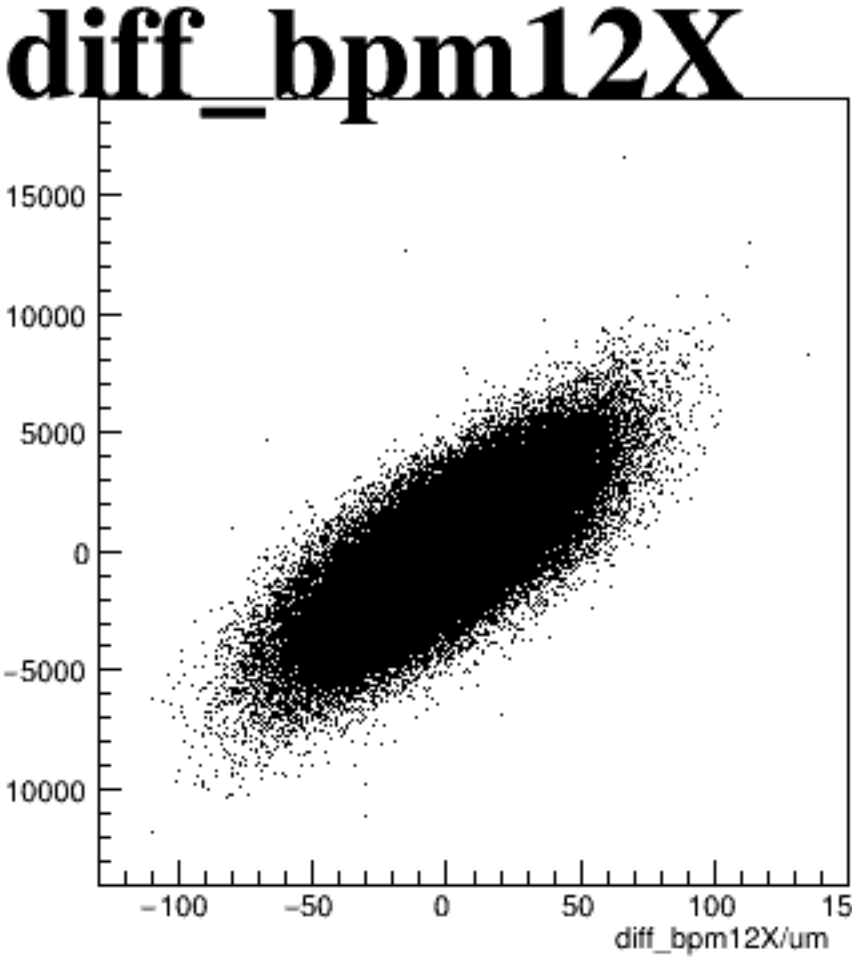
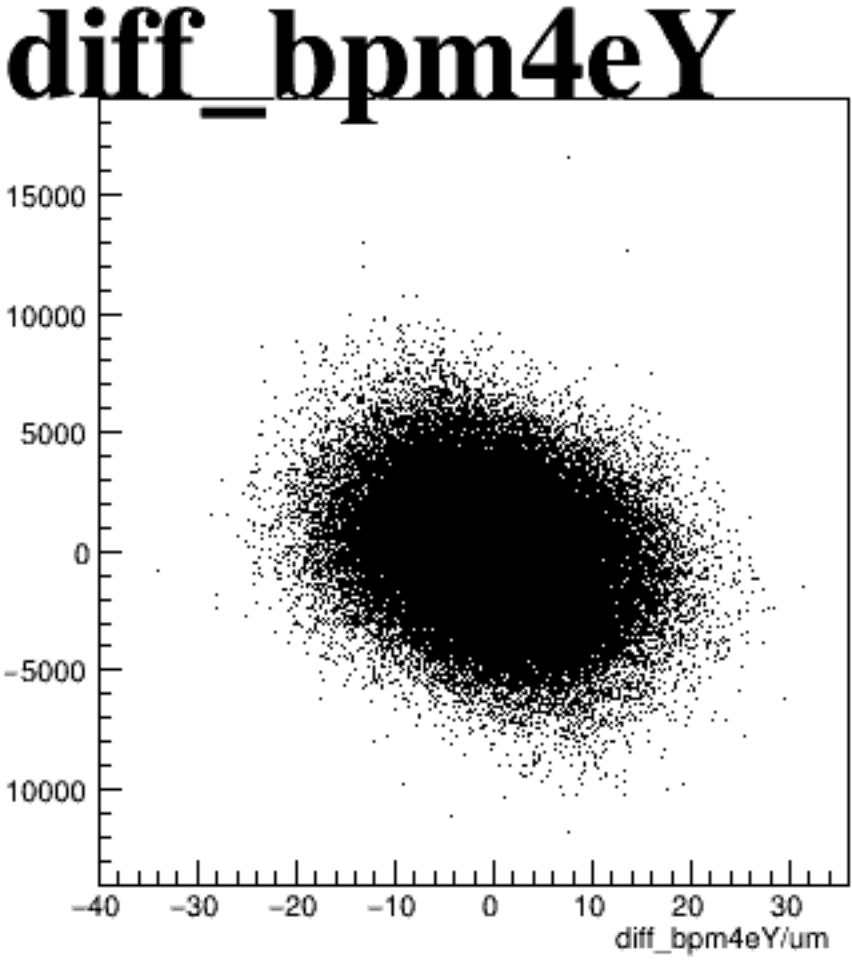
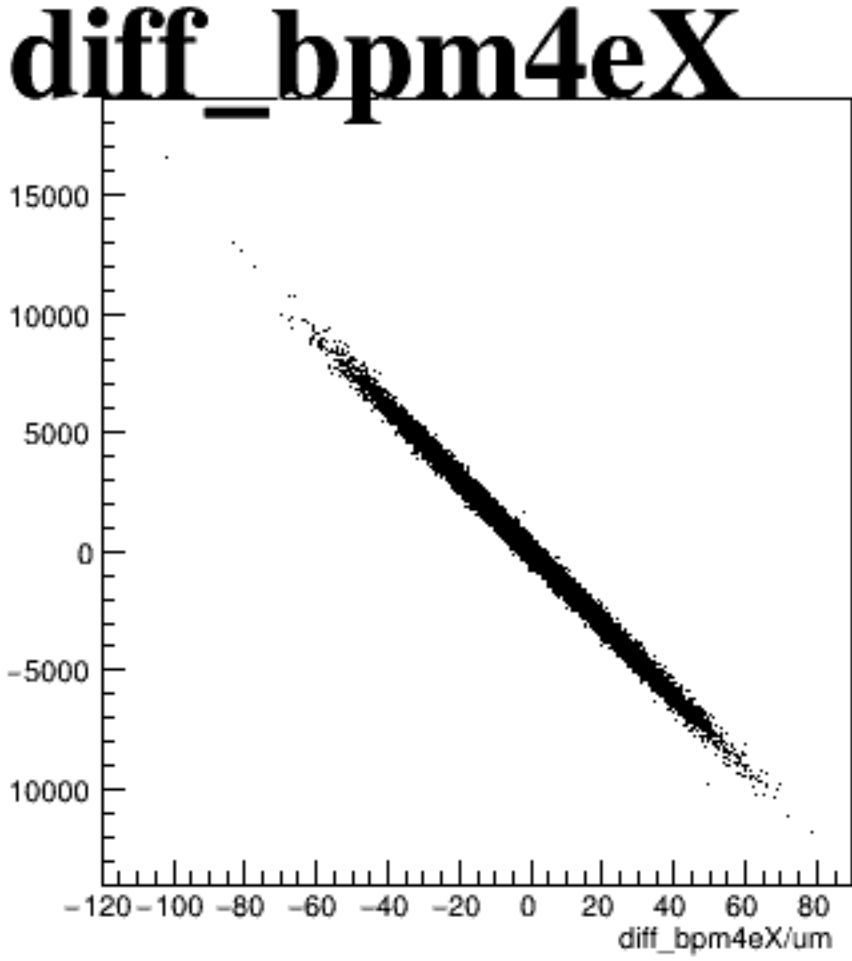
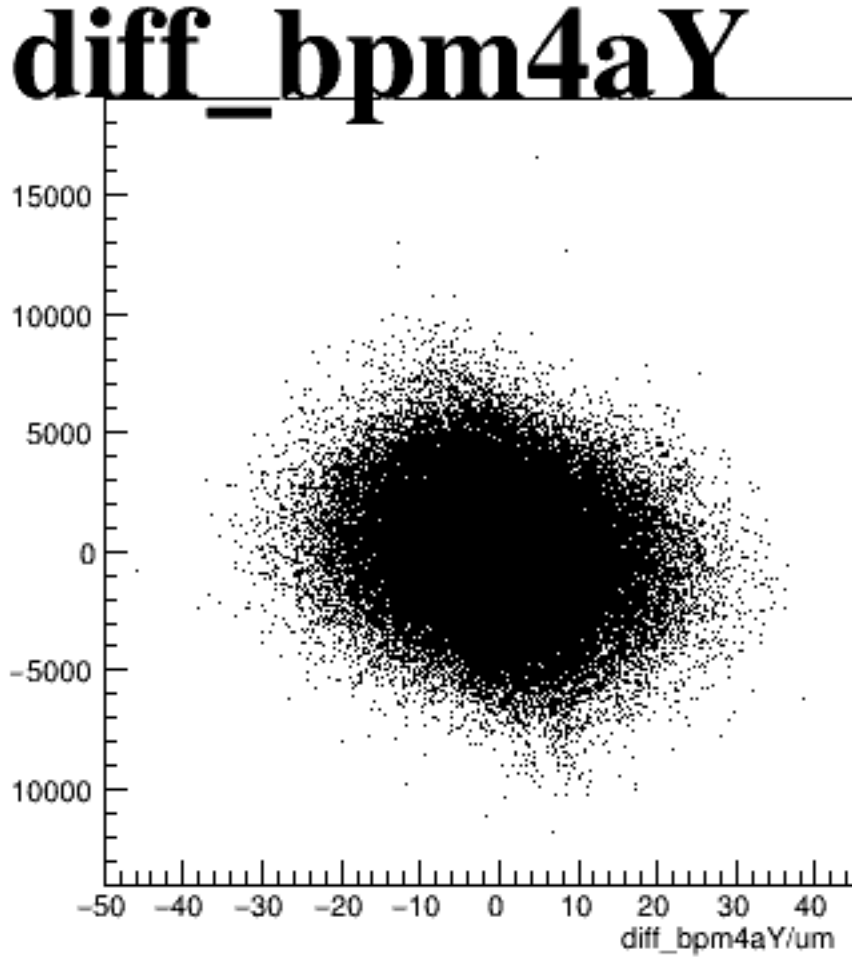
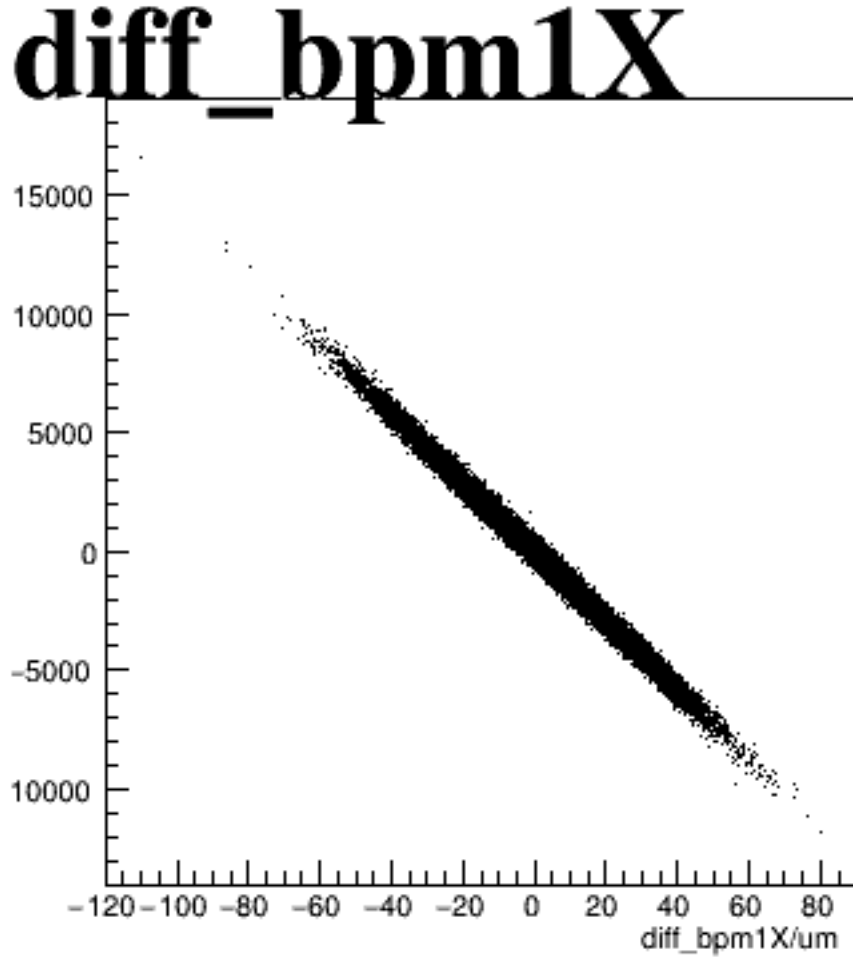
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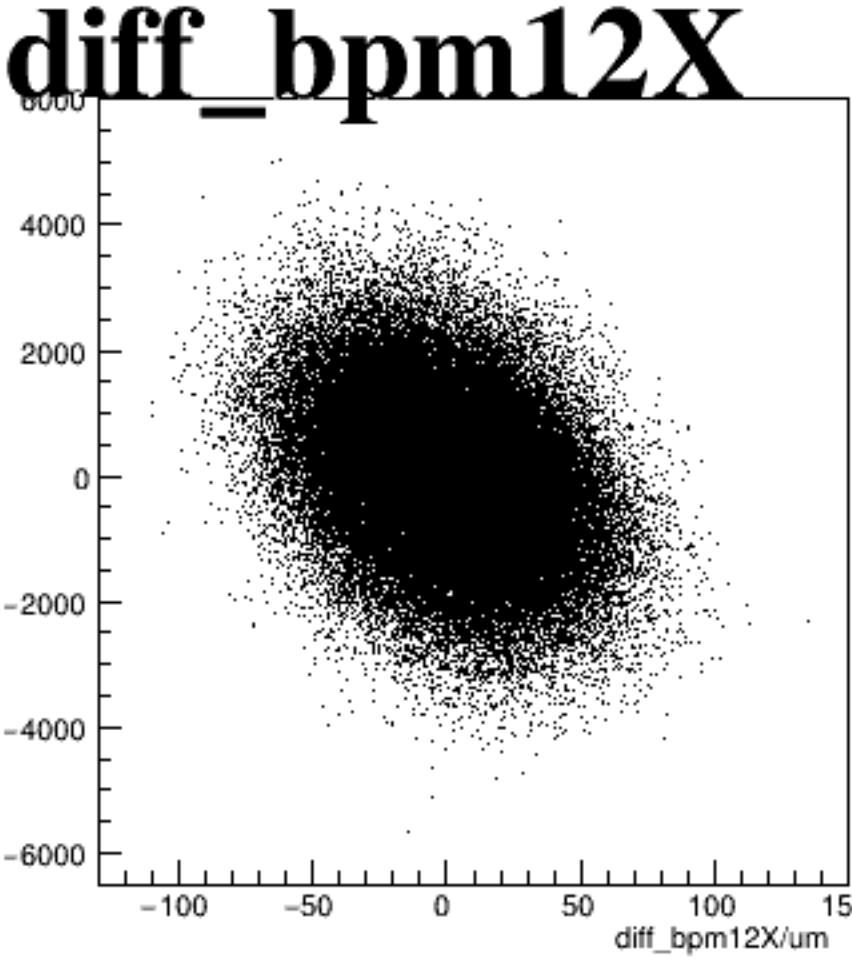
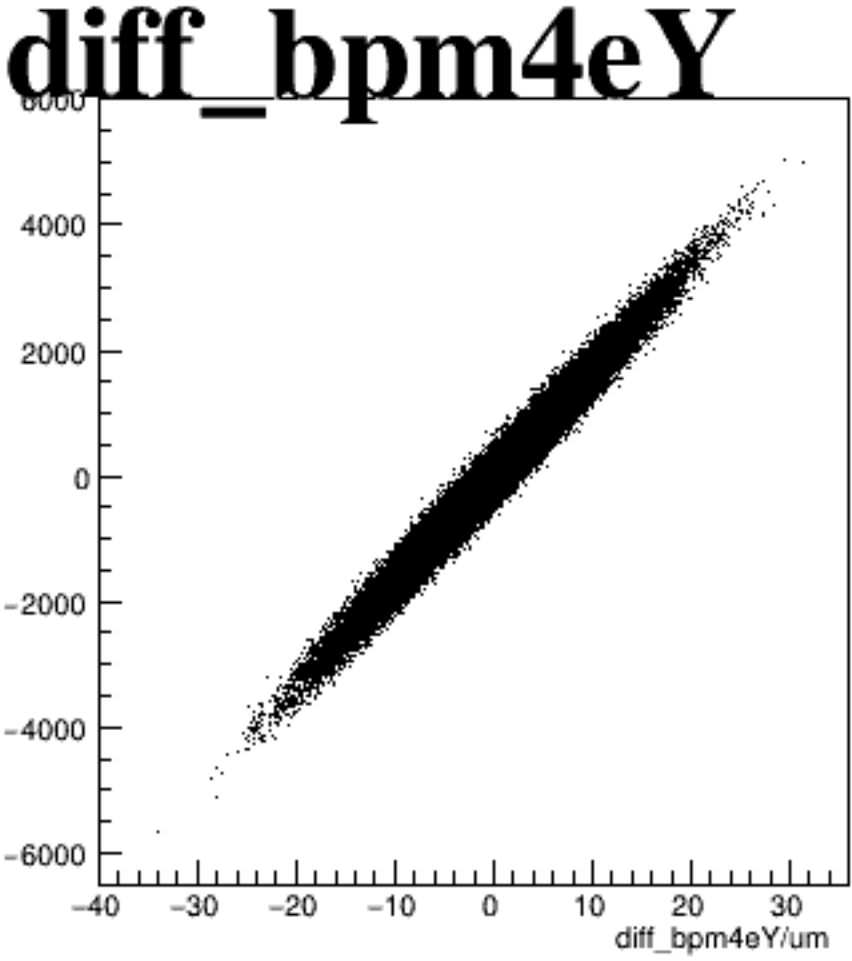
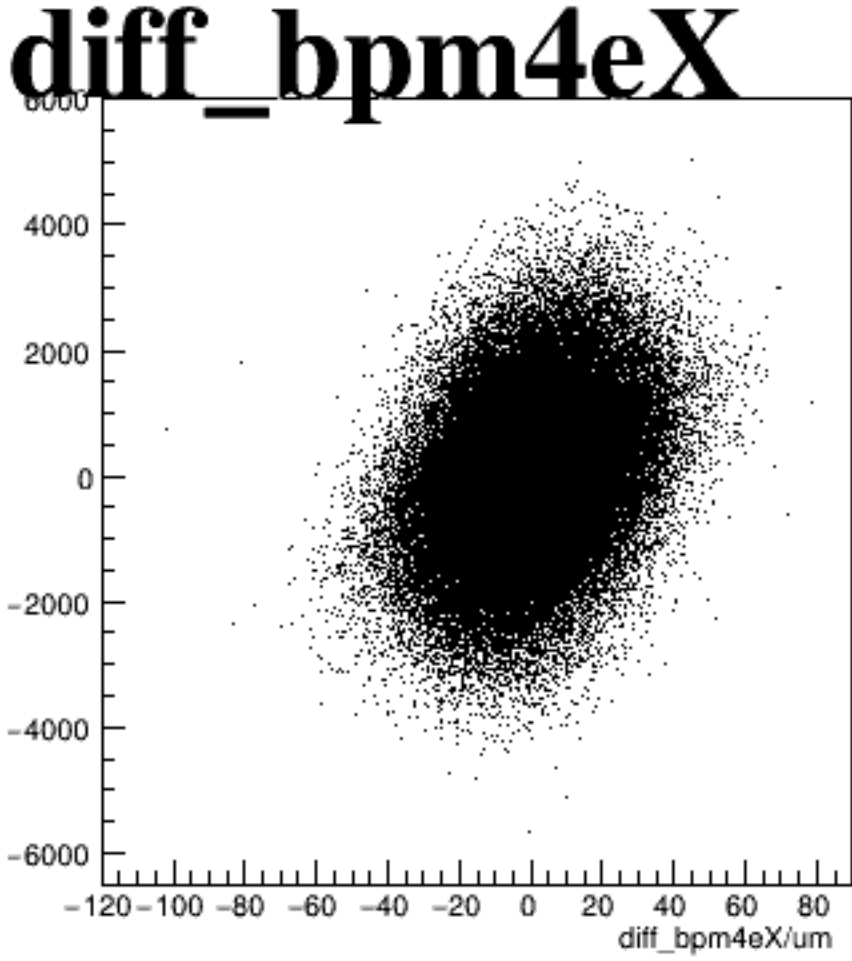
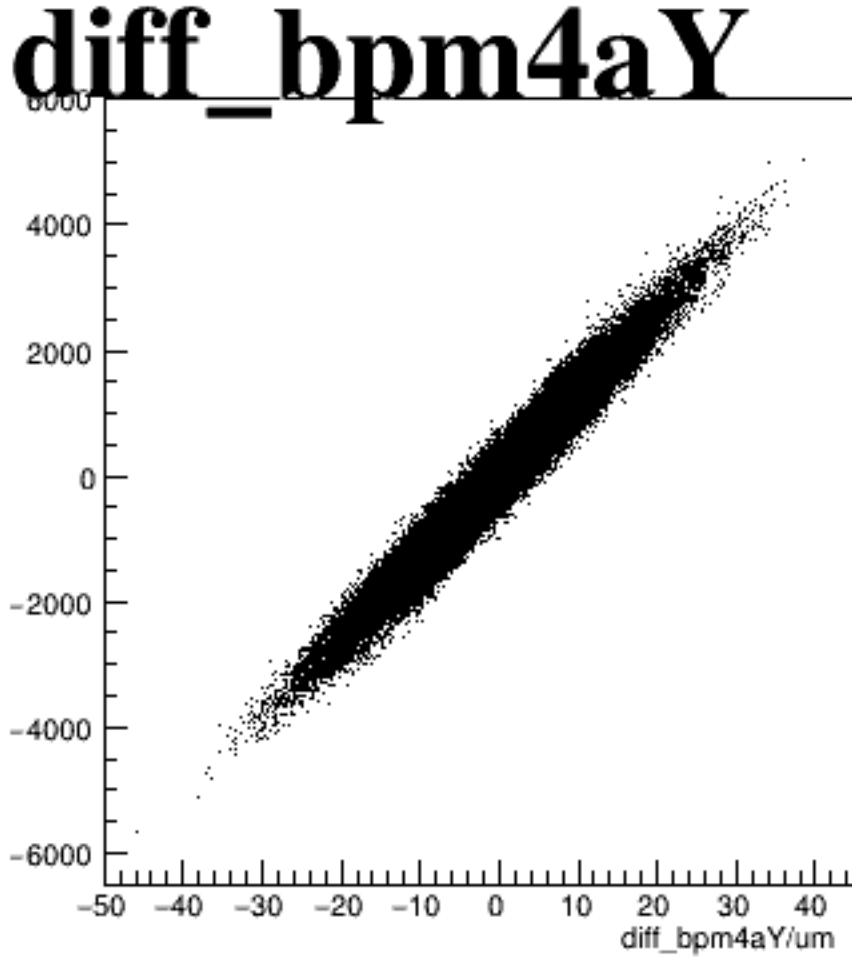
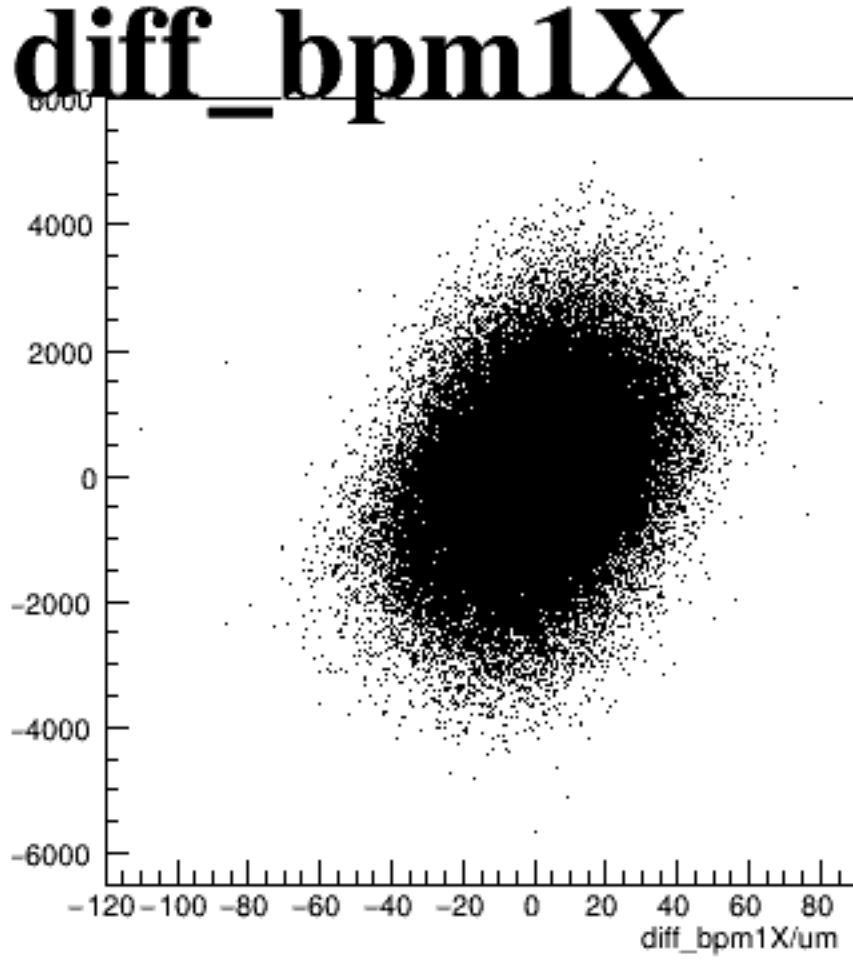
asym_sam1



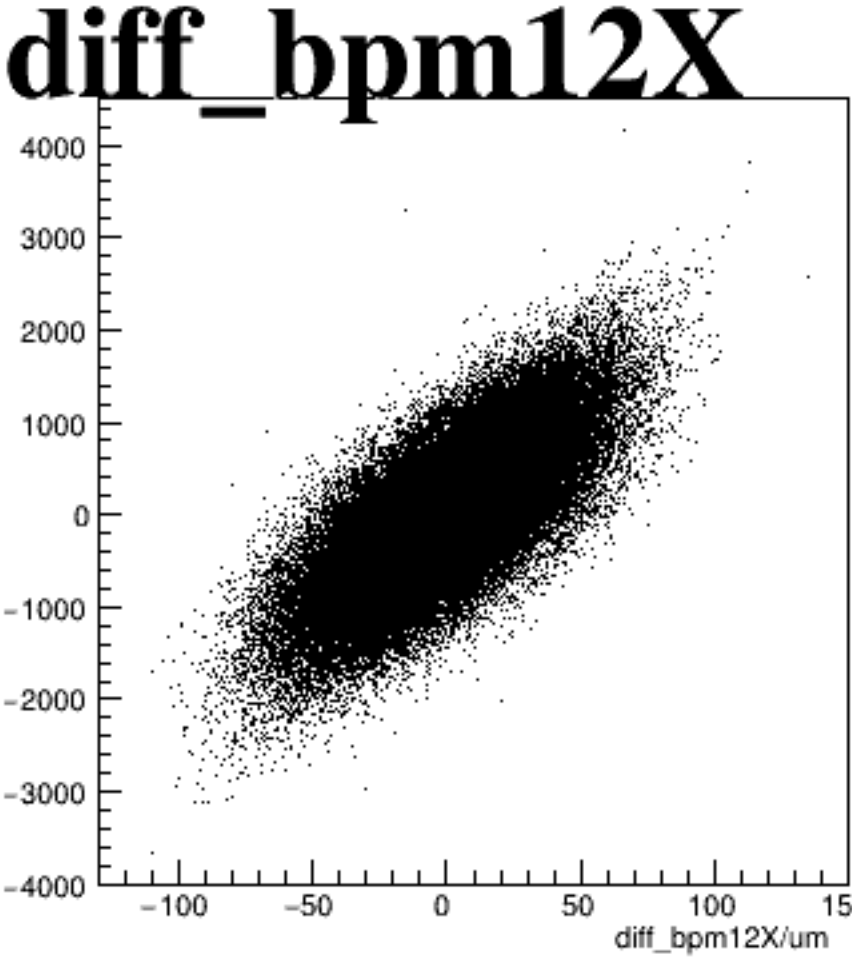
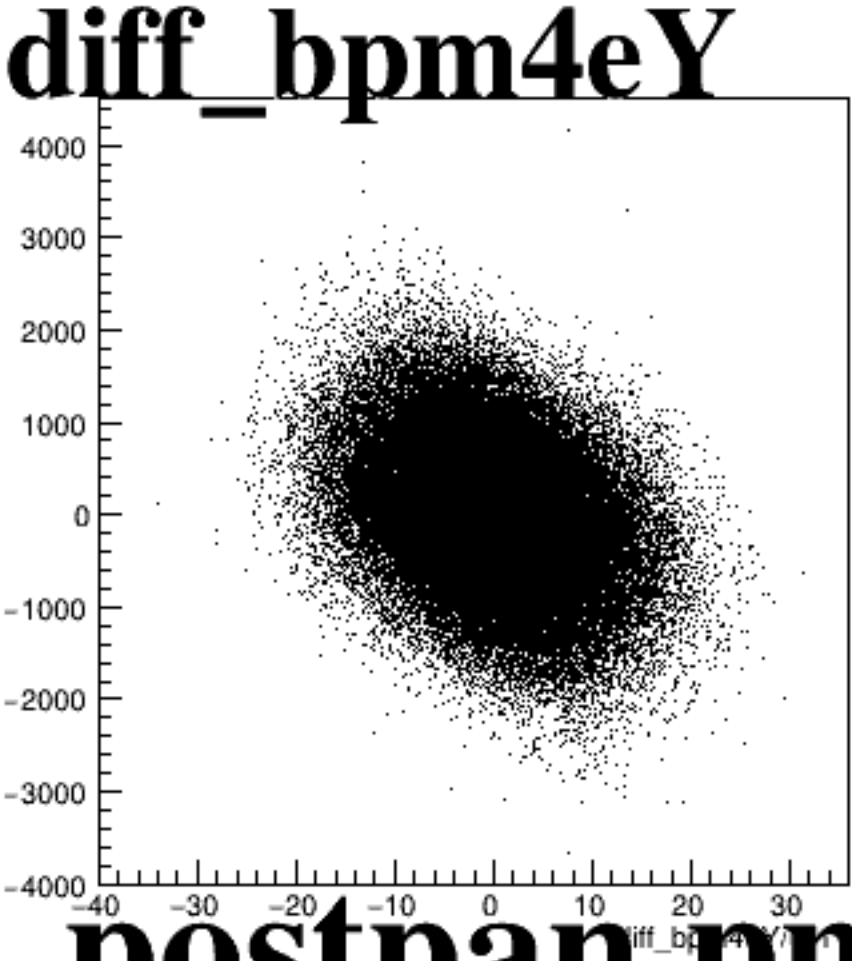
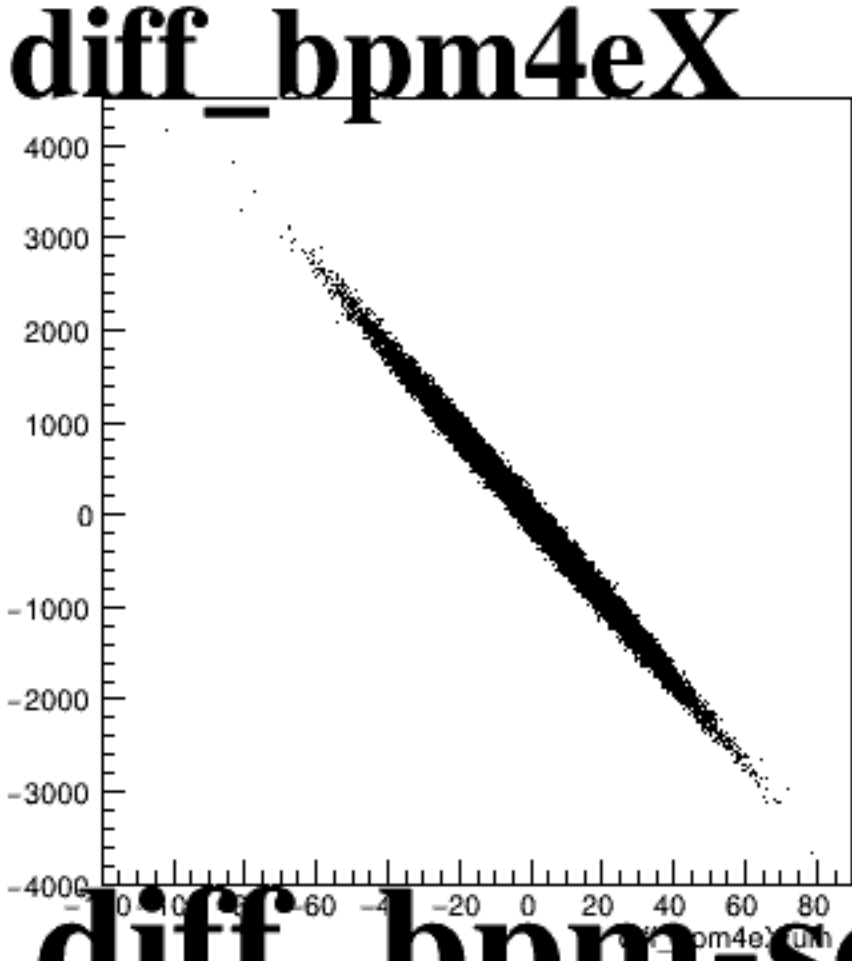
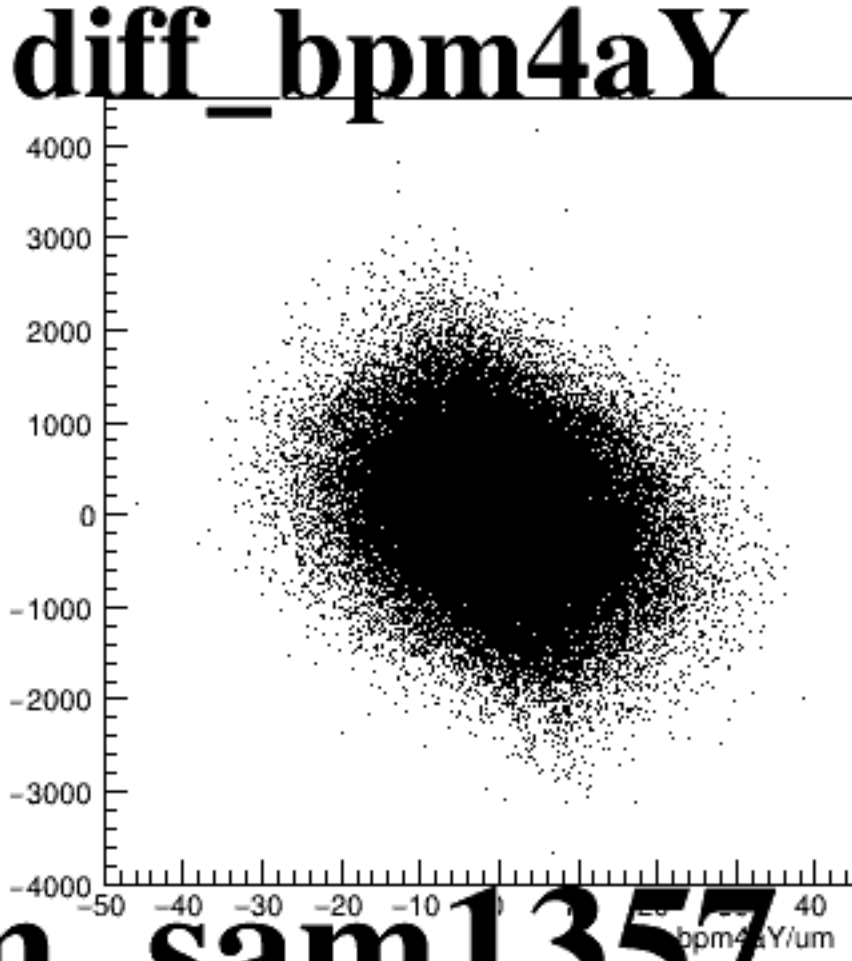
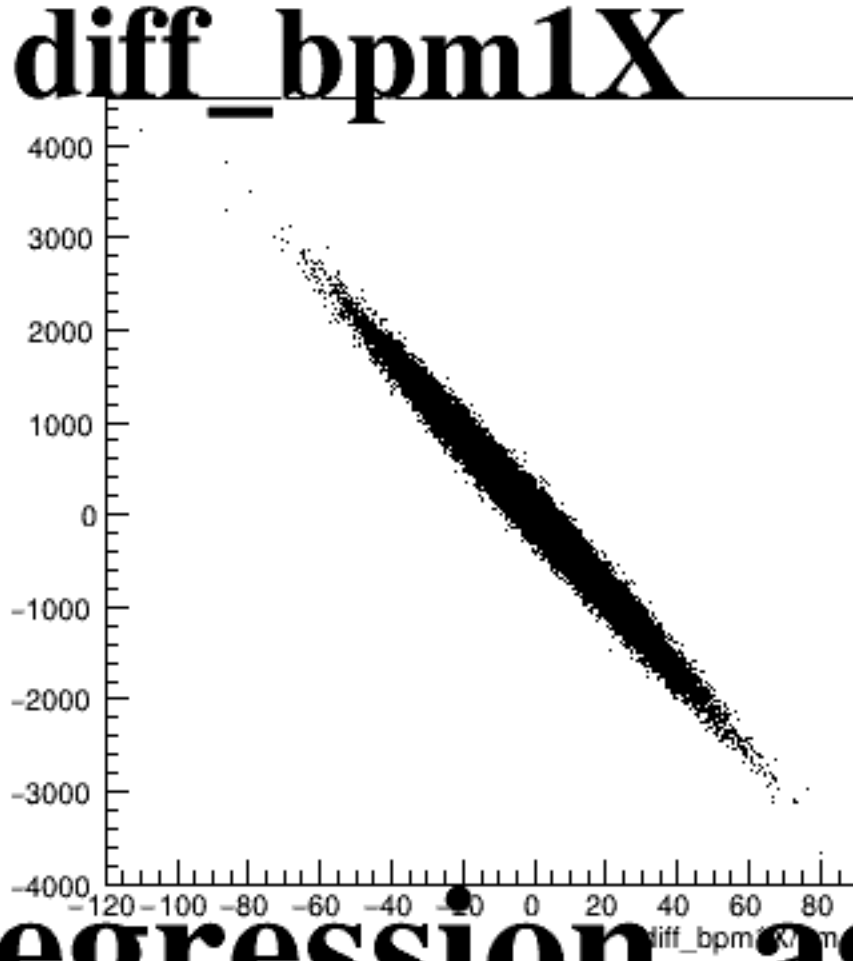
asym_sam3



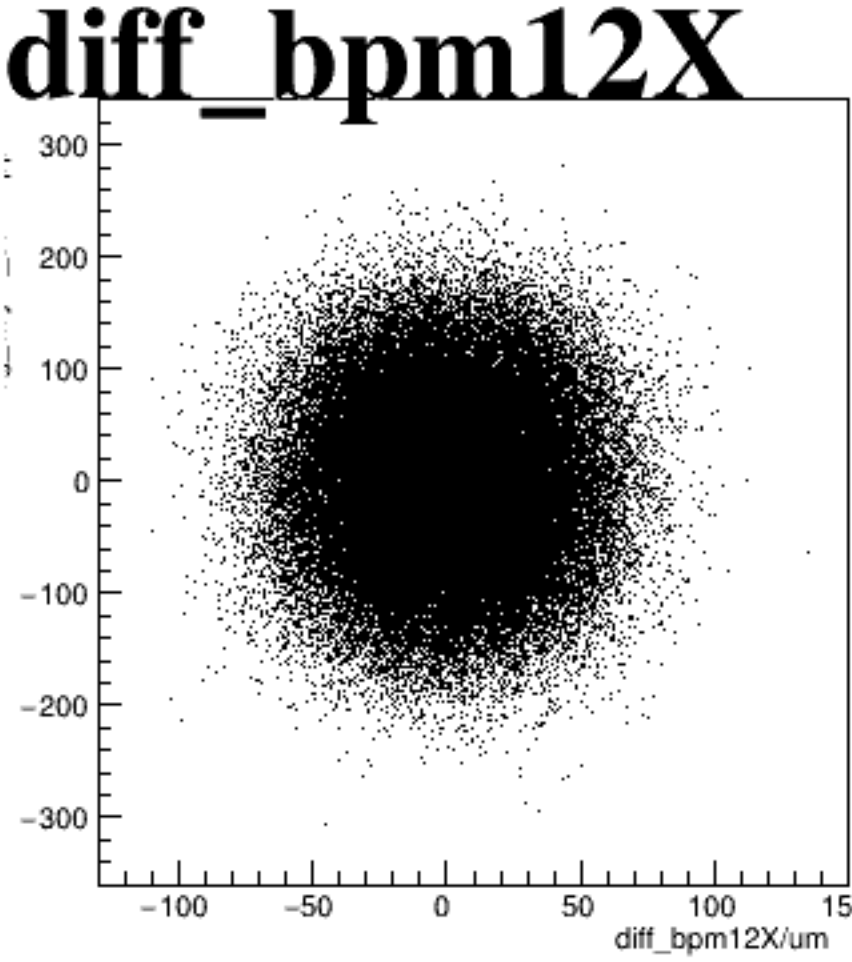
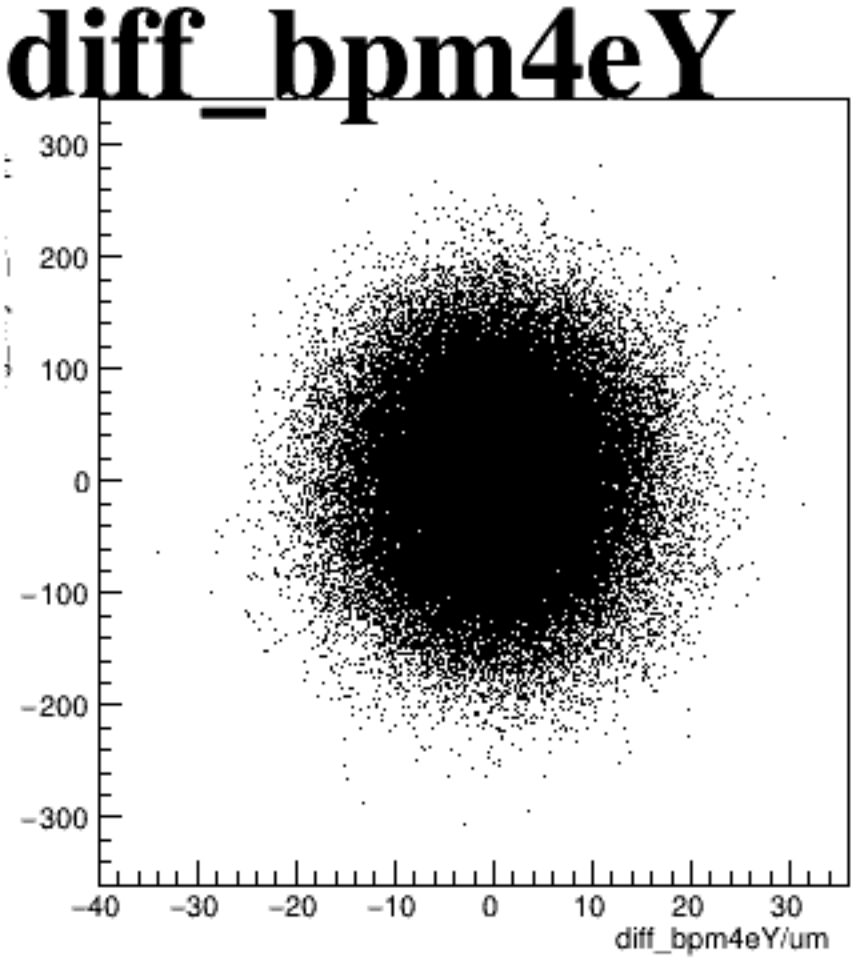
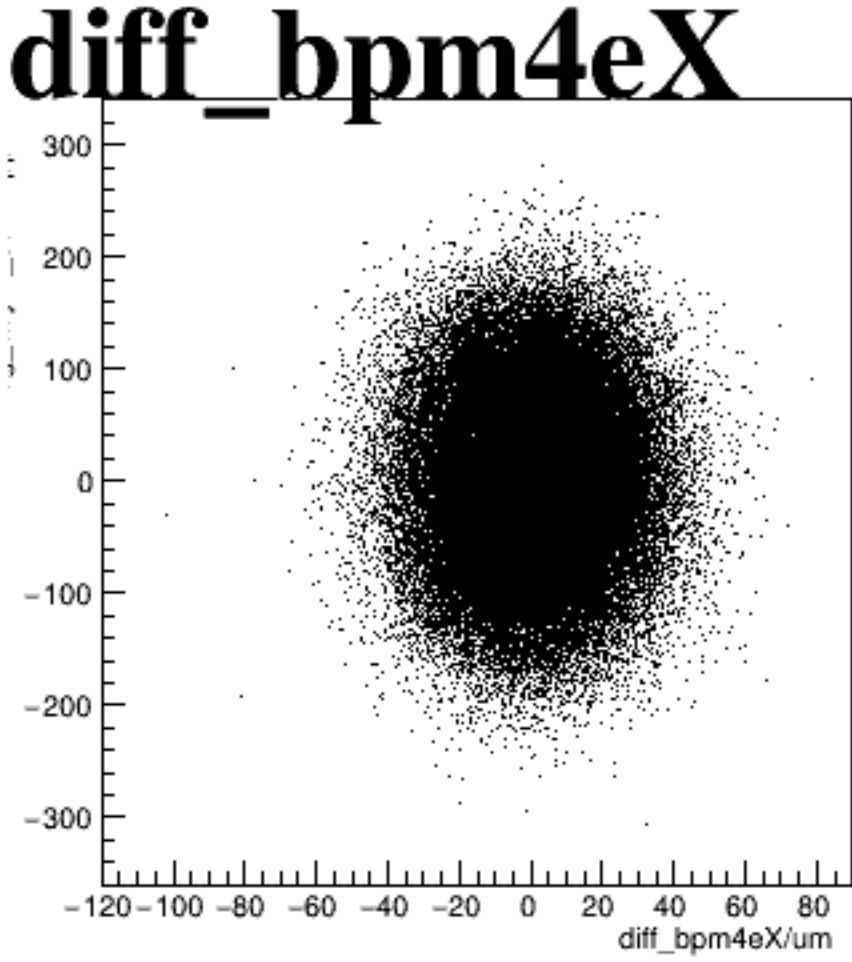
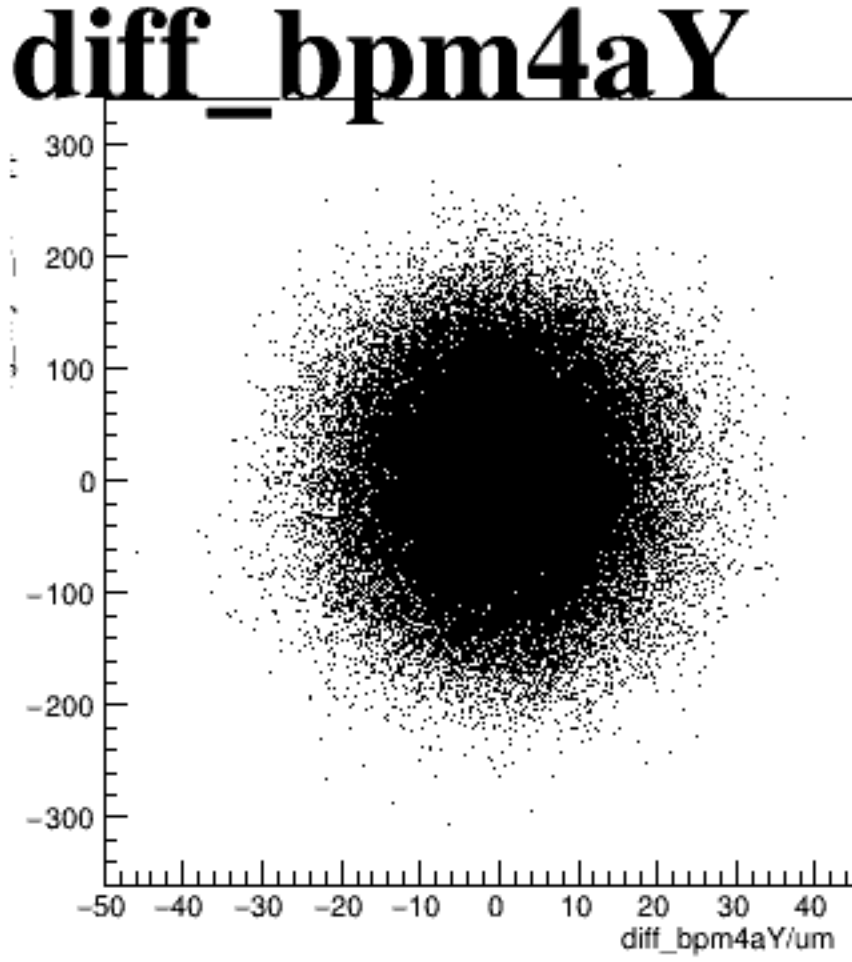
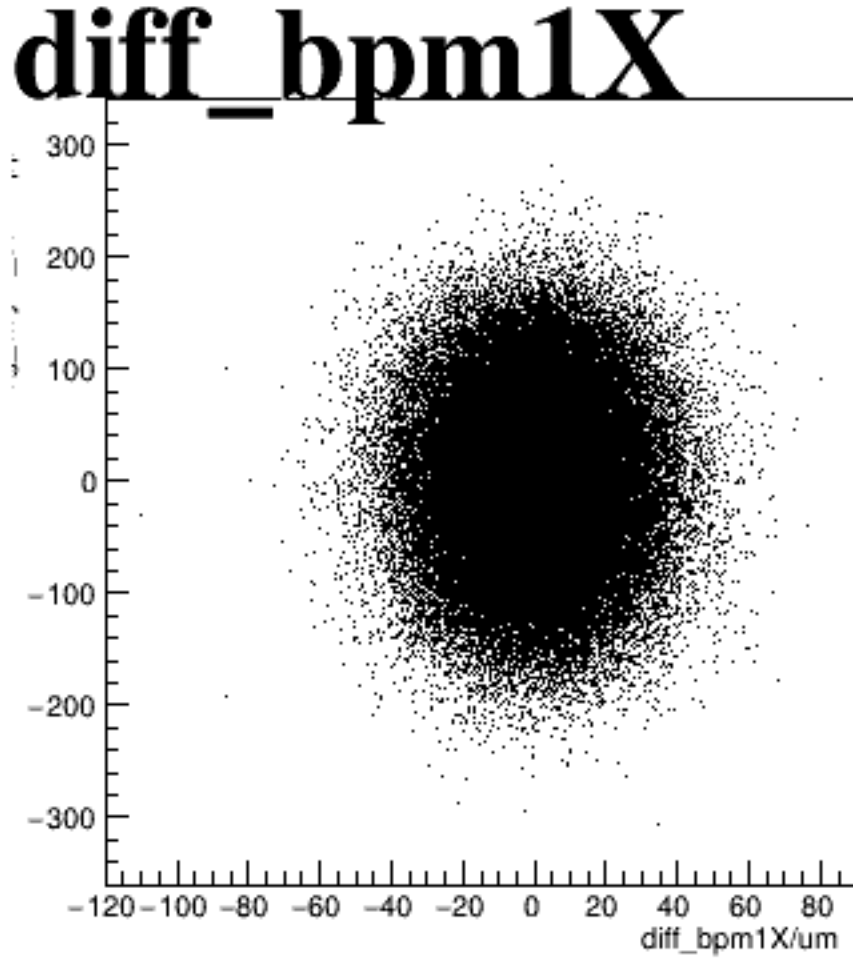
asym_sam5



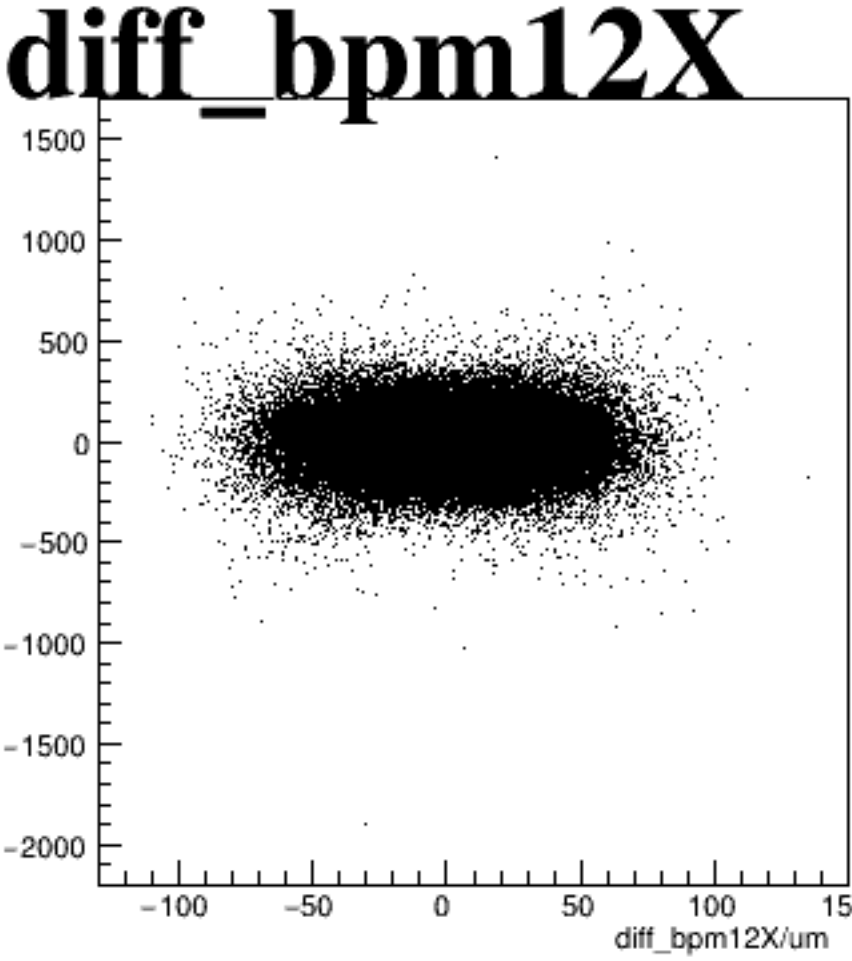
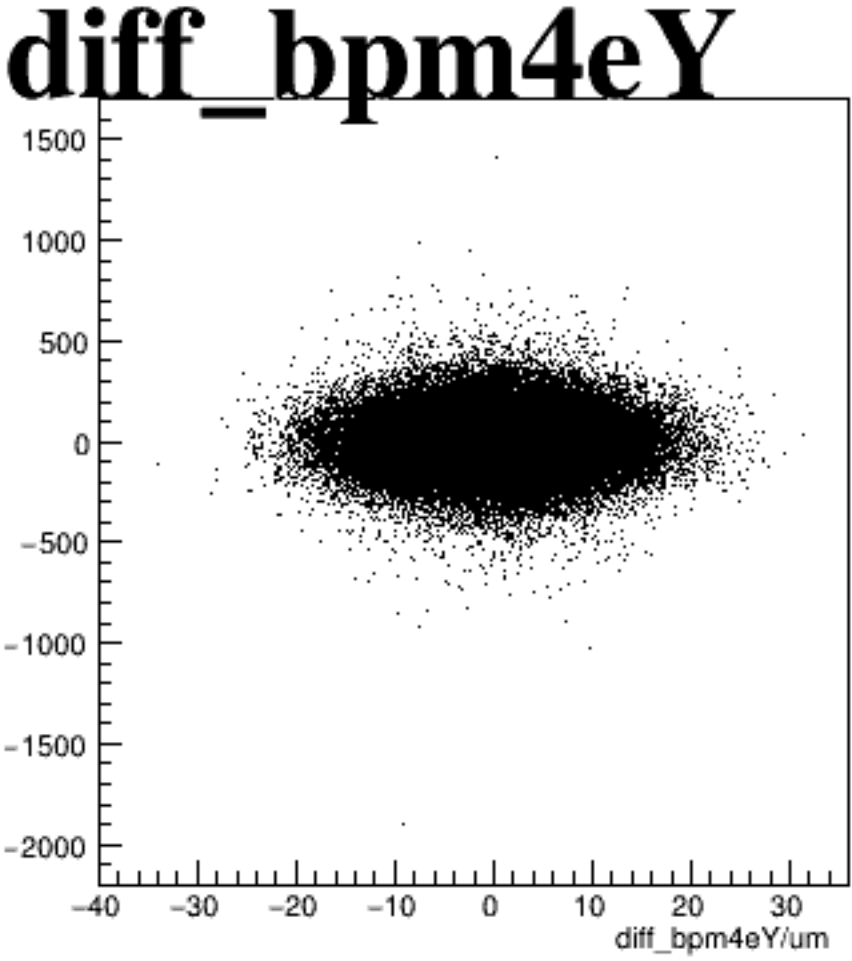
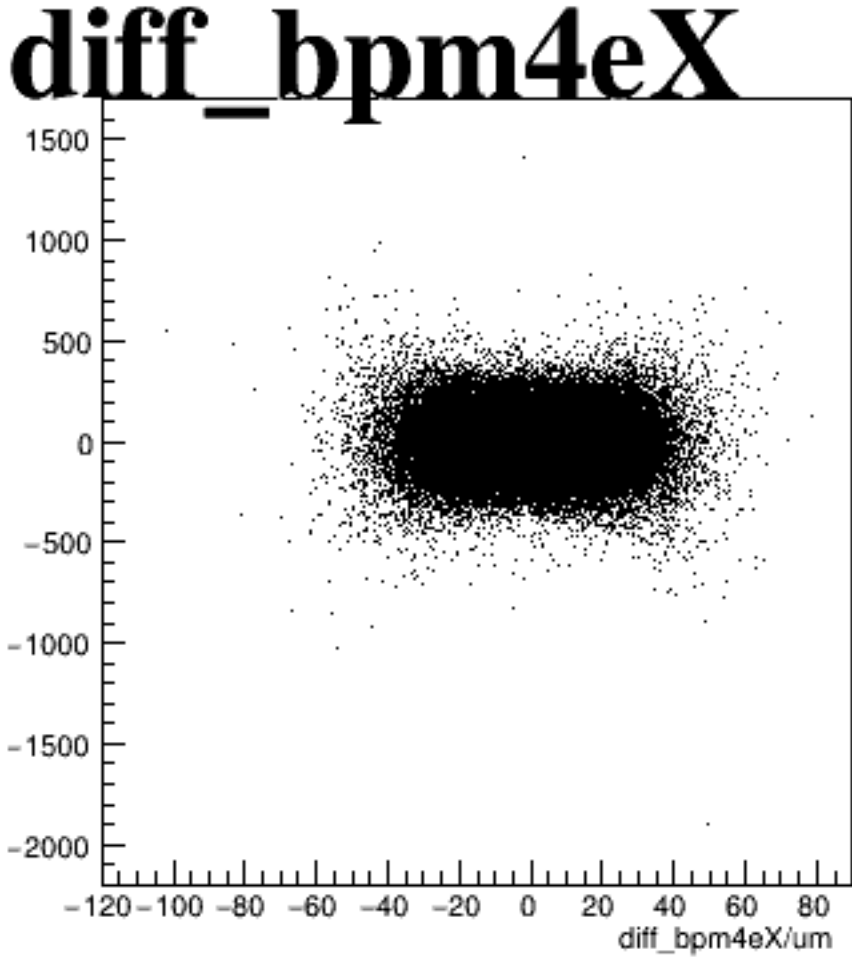
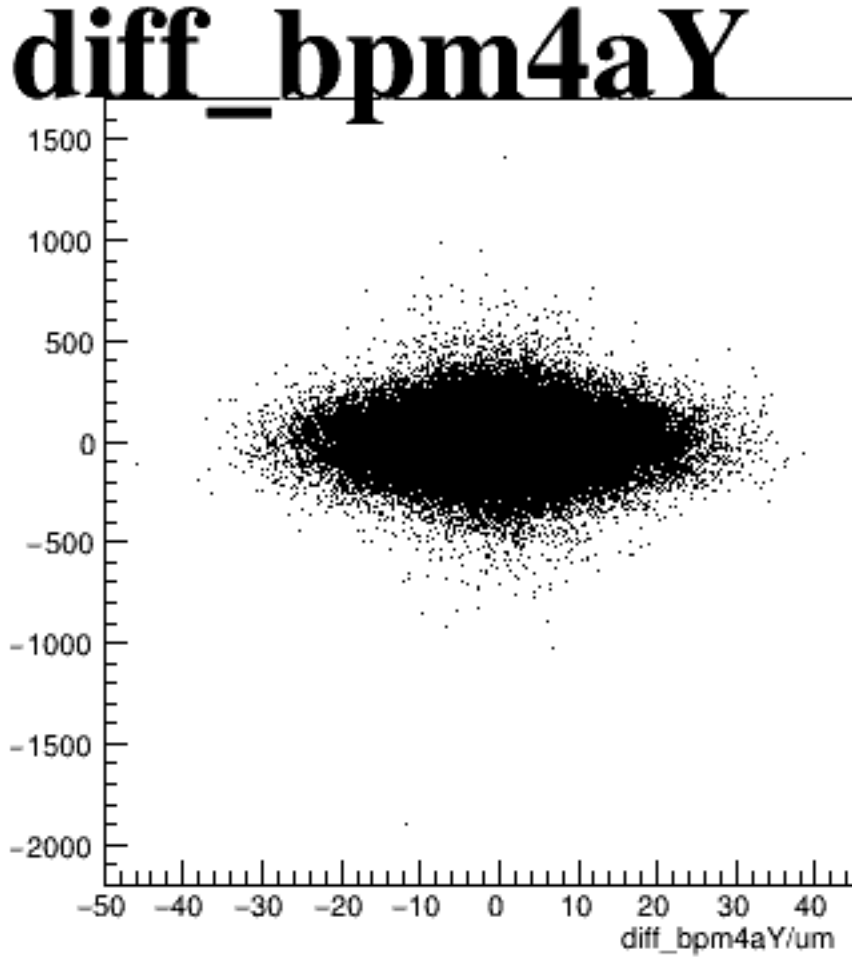
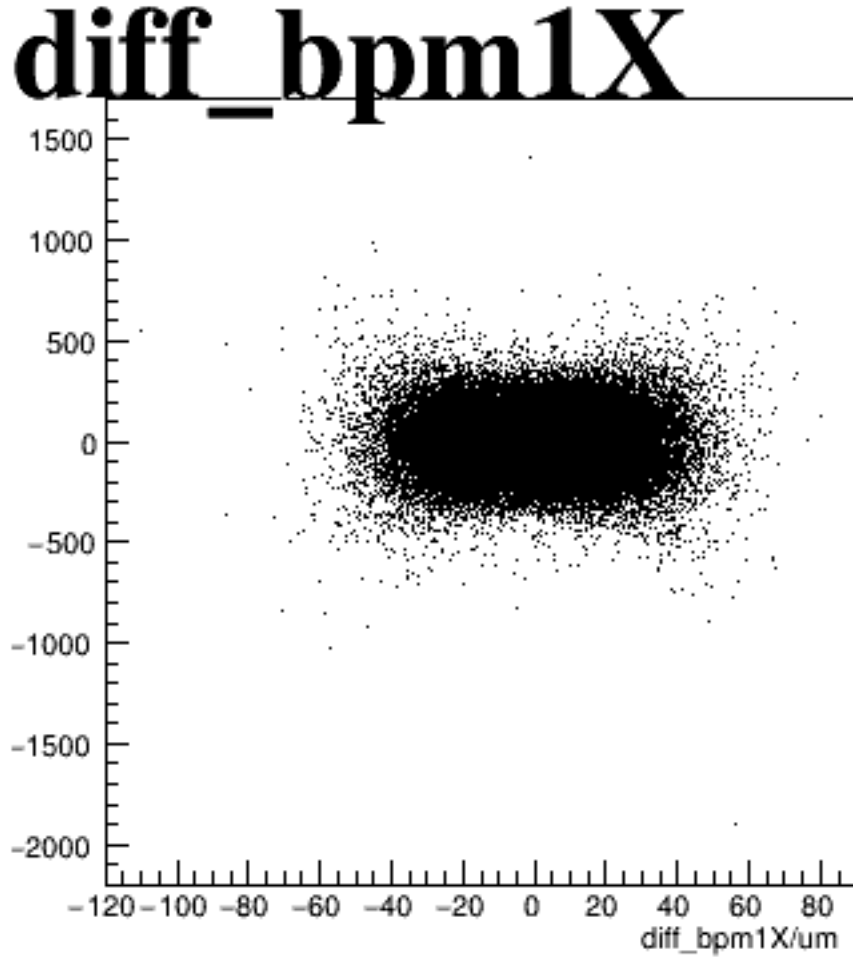
asym_sam7



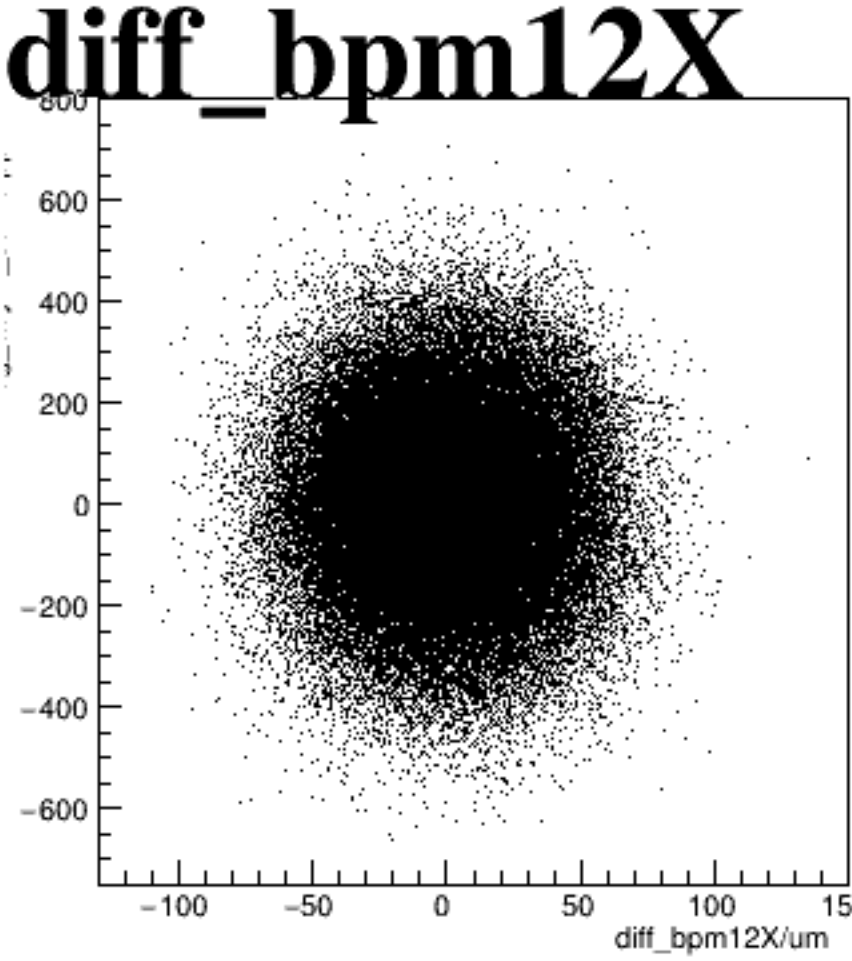
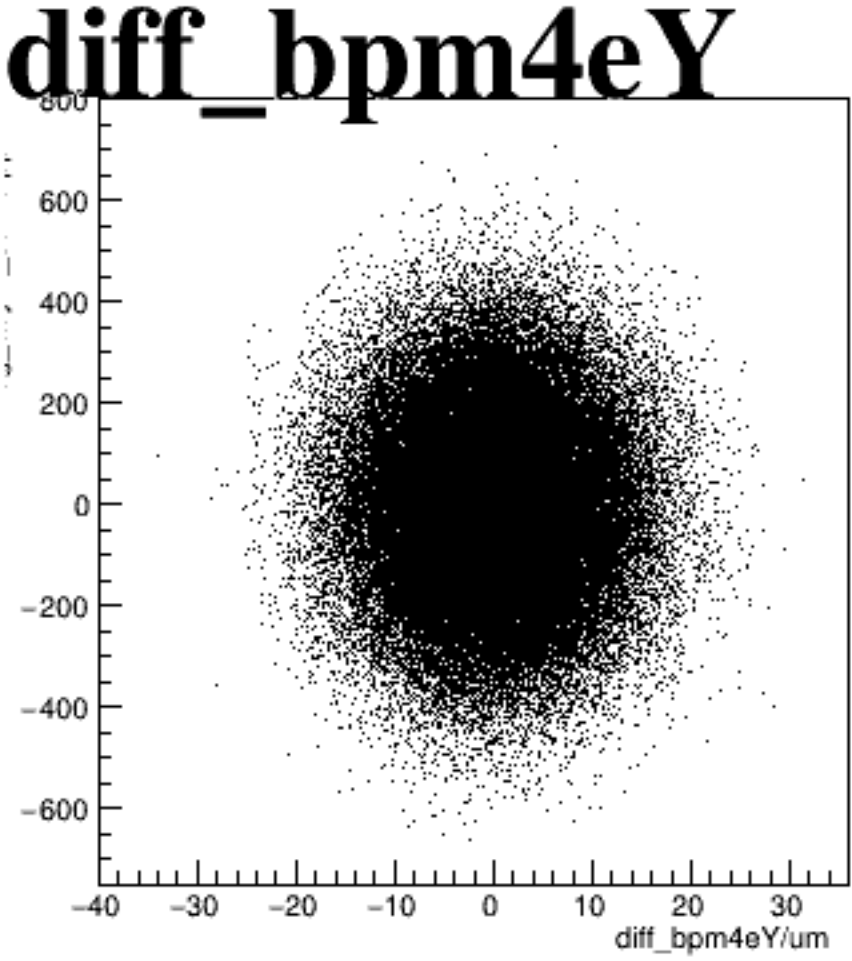
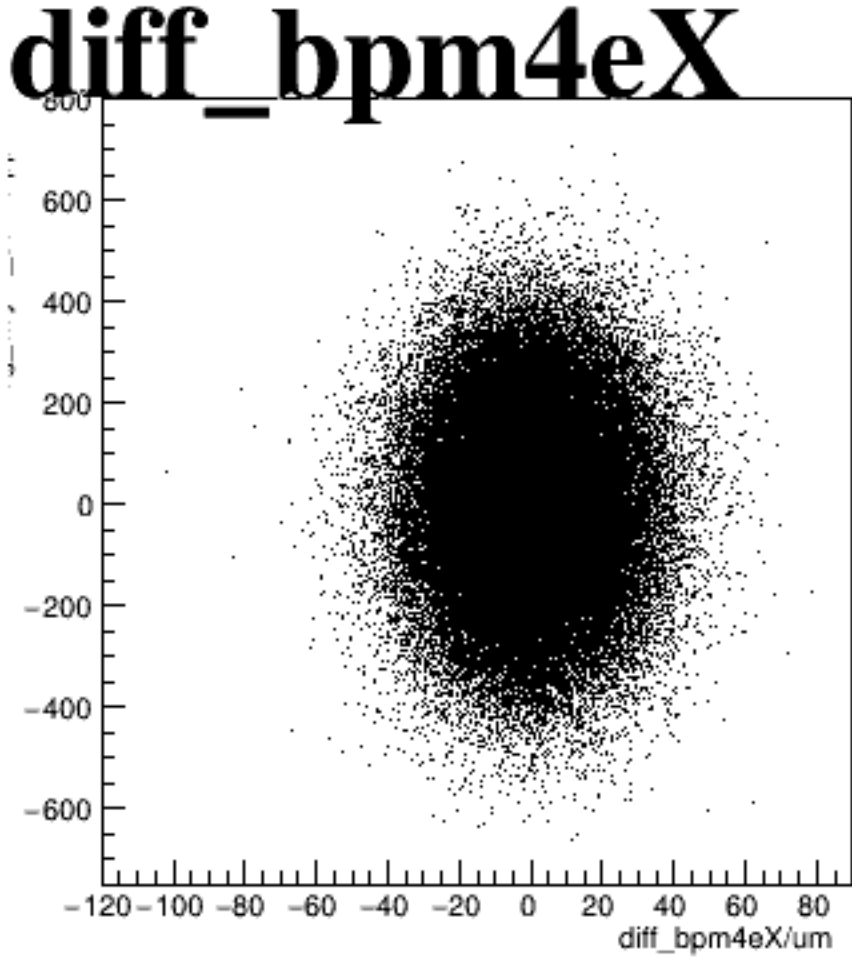
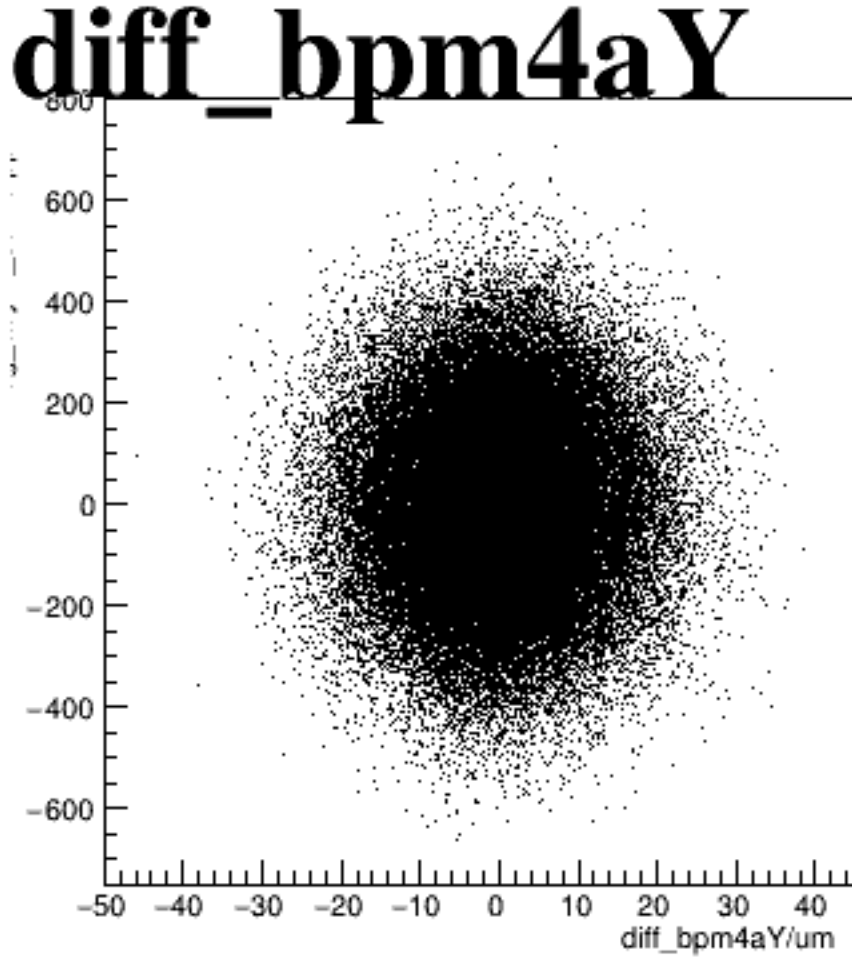
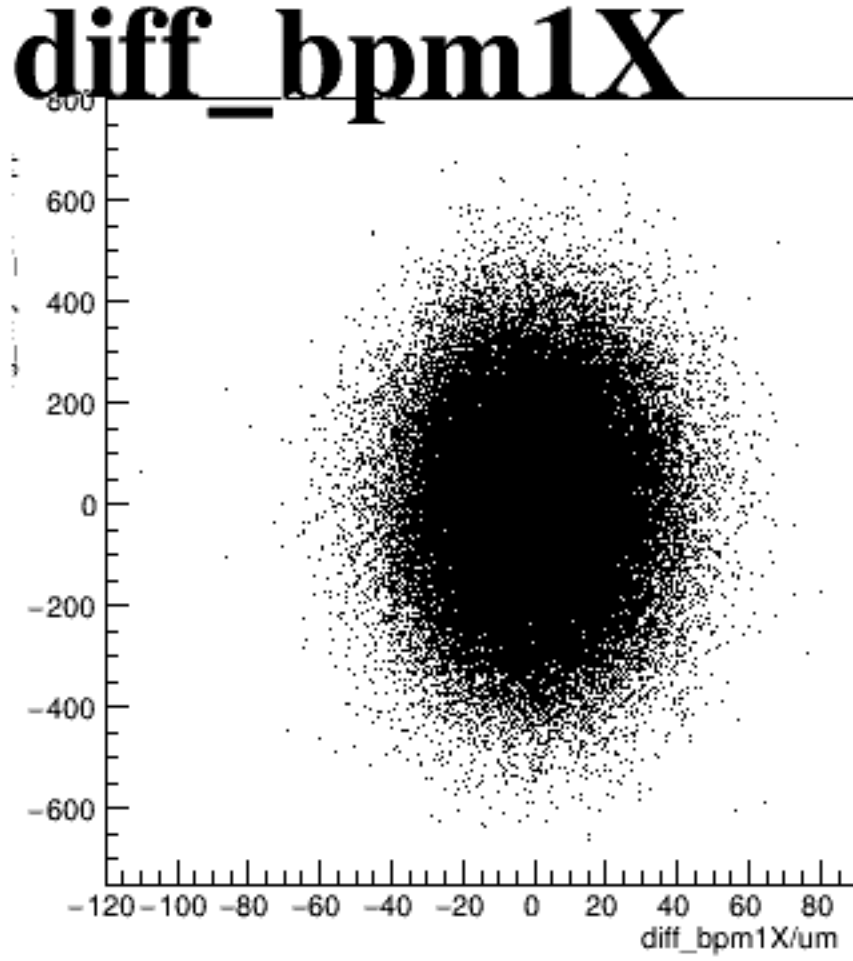
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

