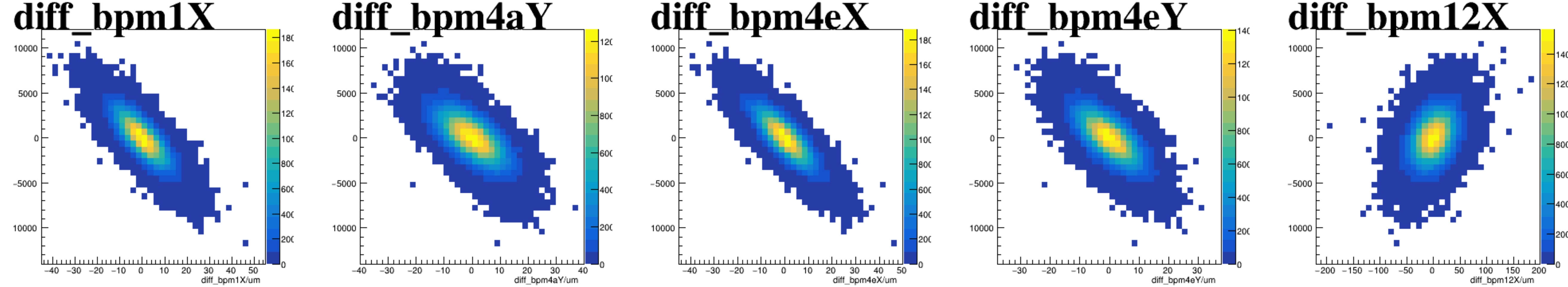
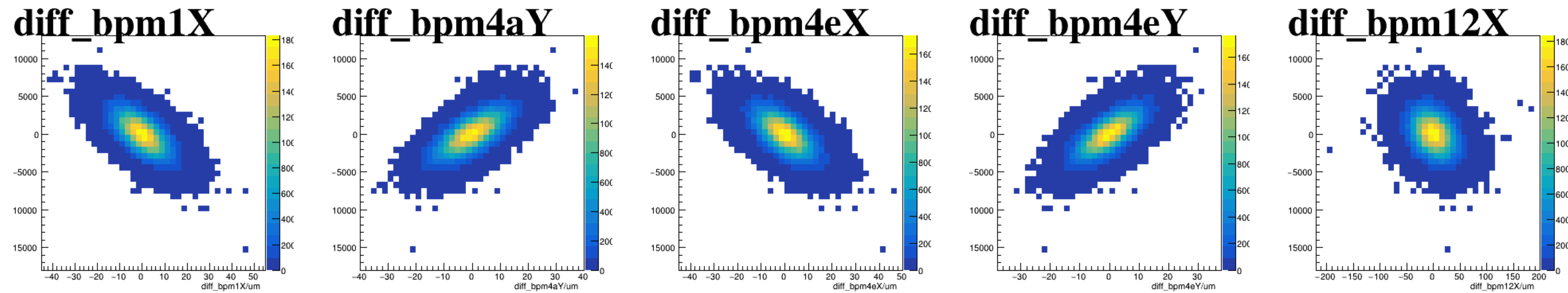


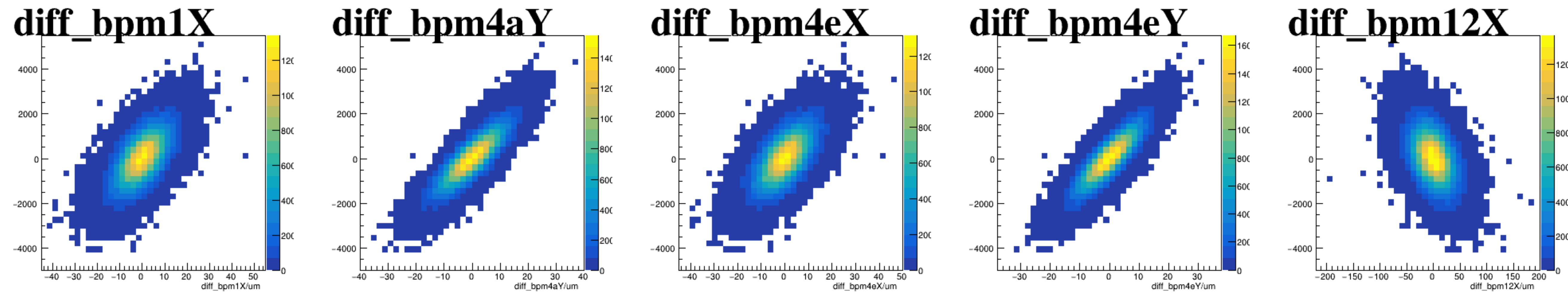
asym_sam2



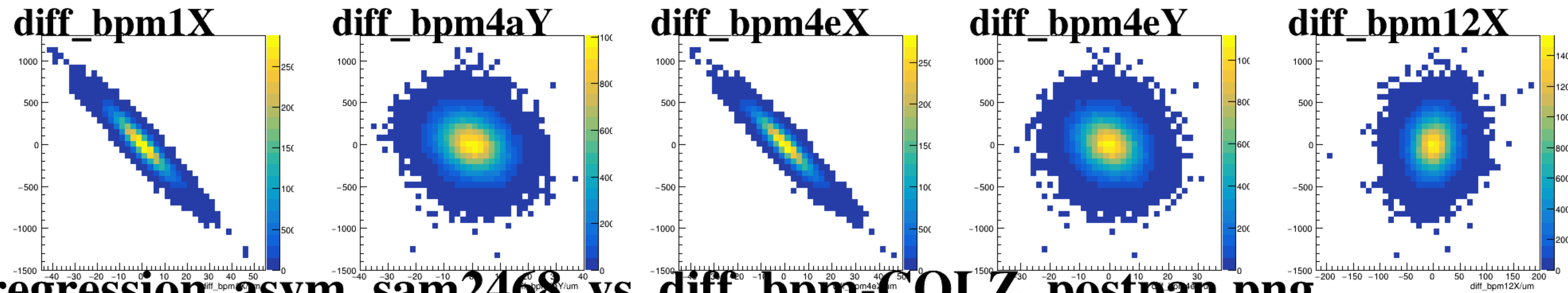
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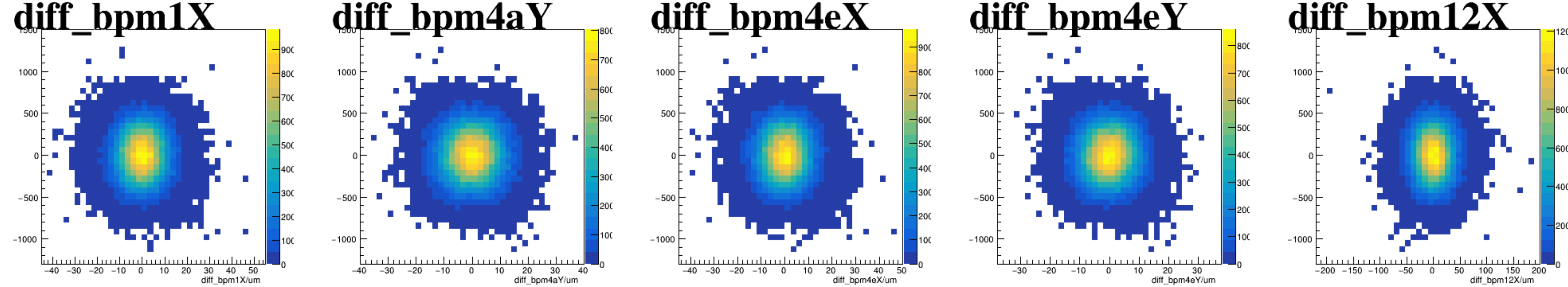
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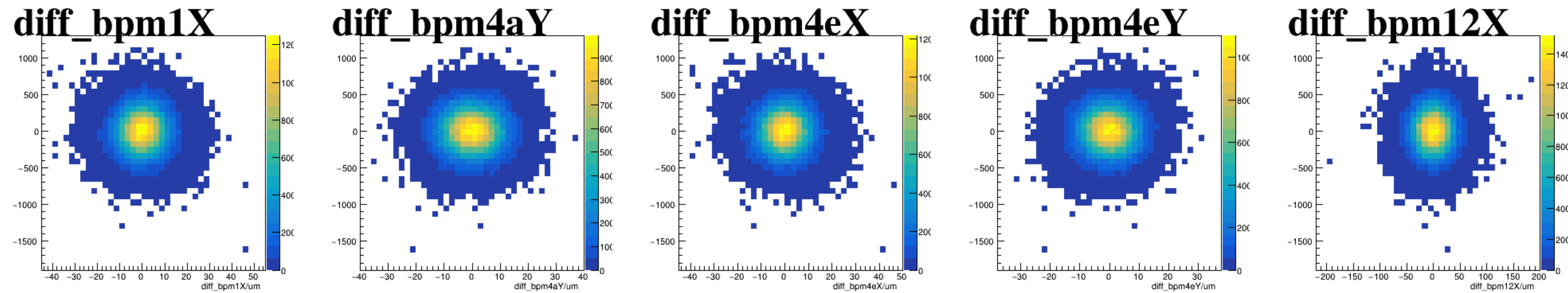
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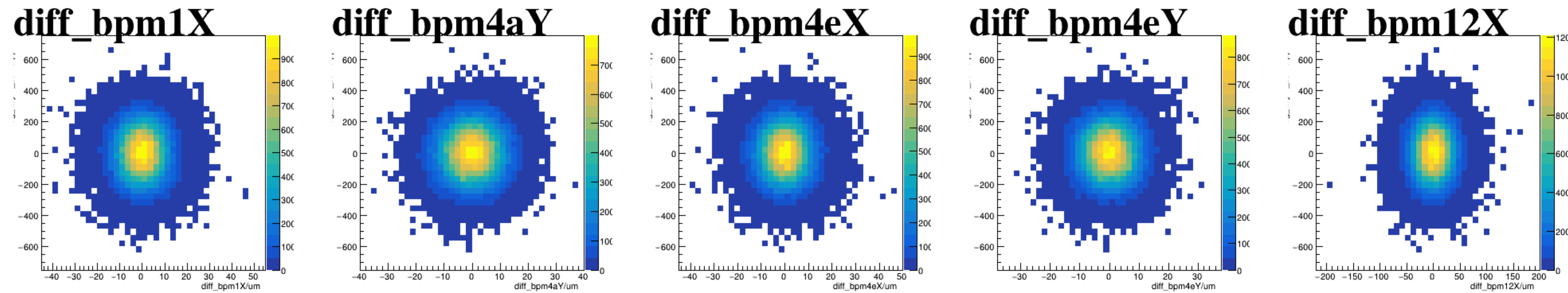
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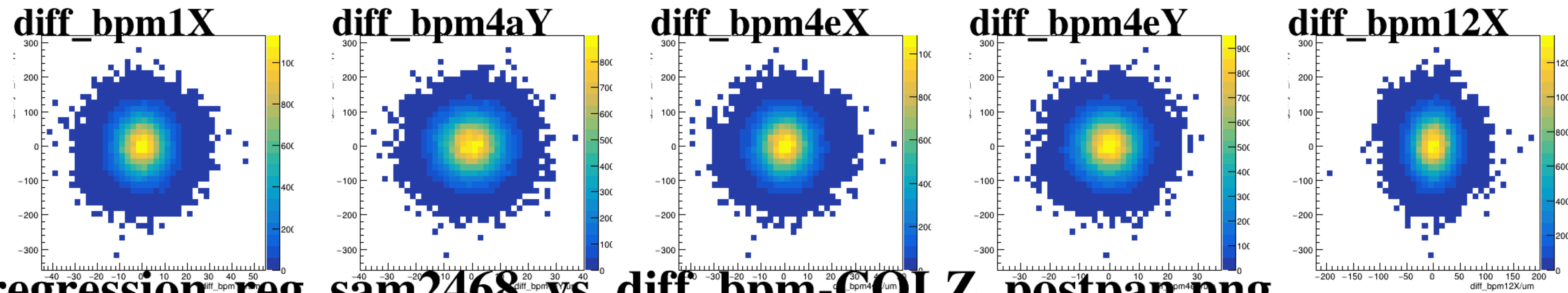
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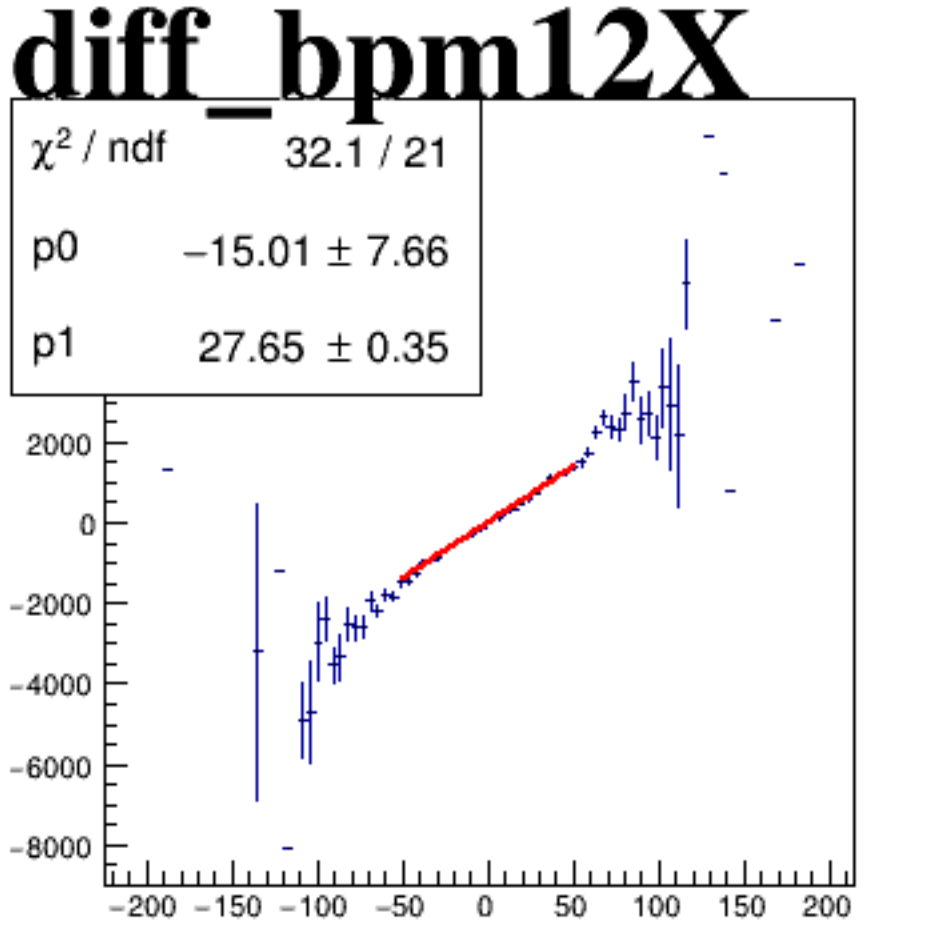
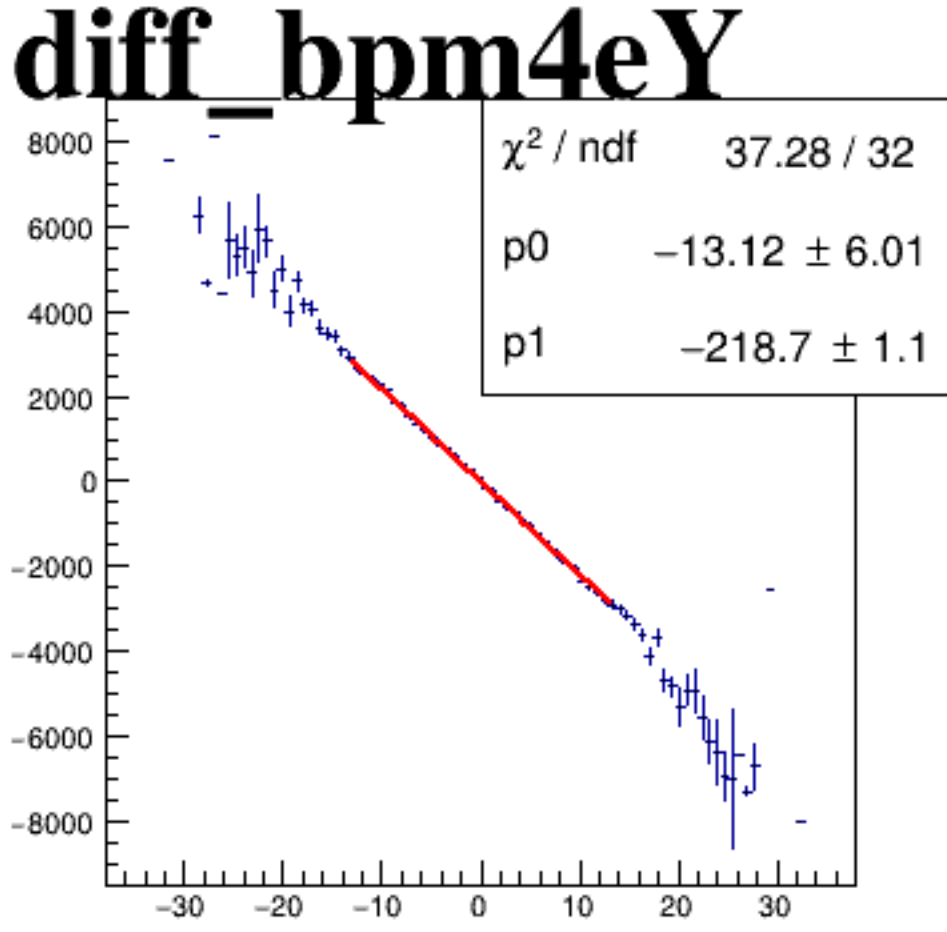
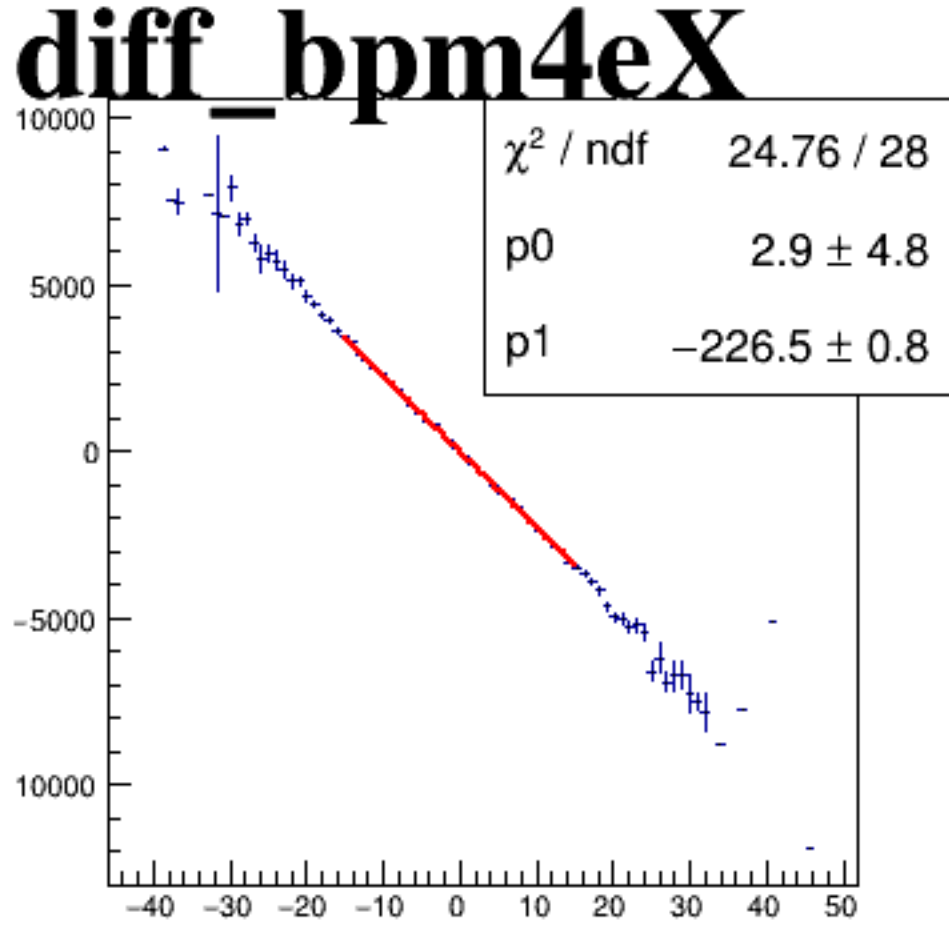
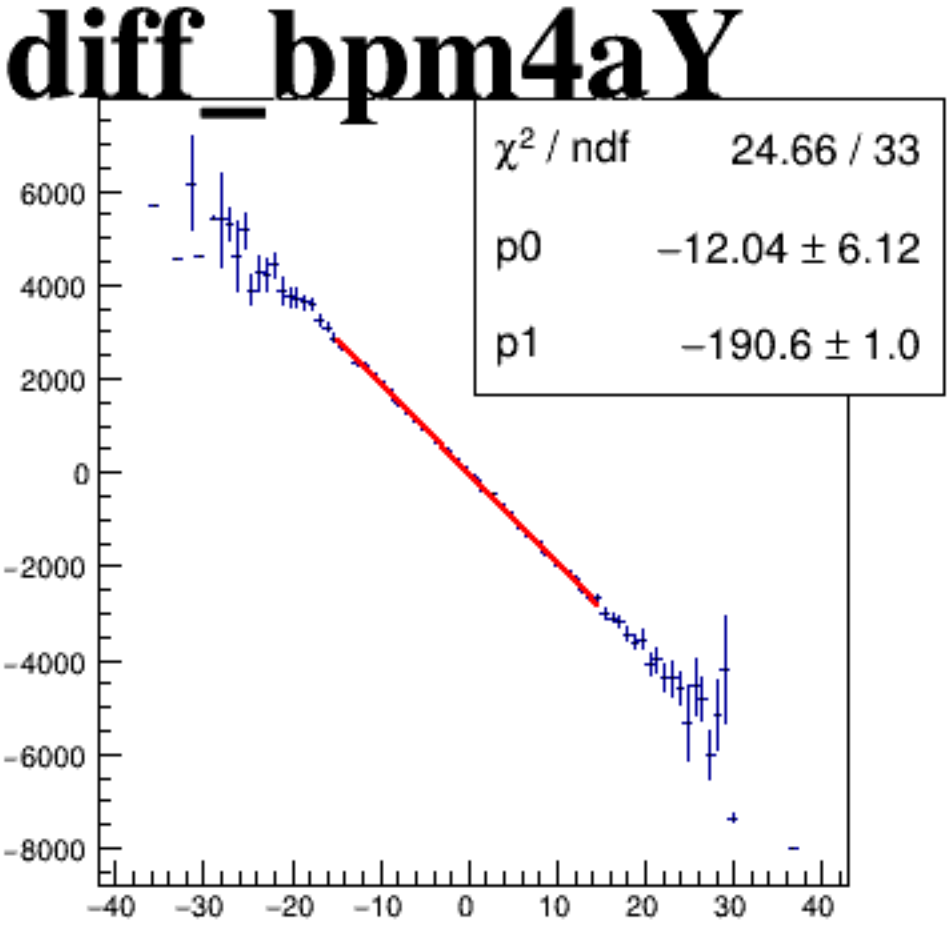
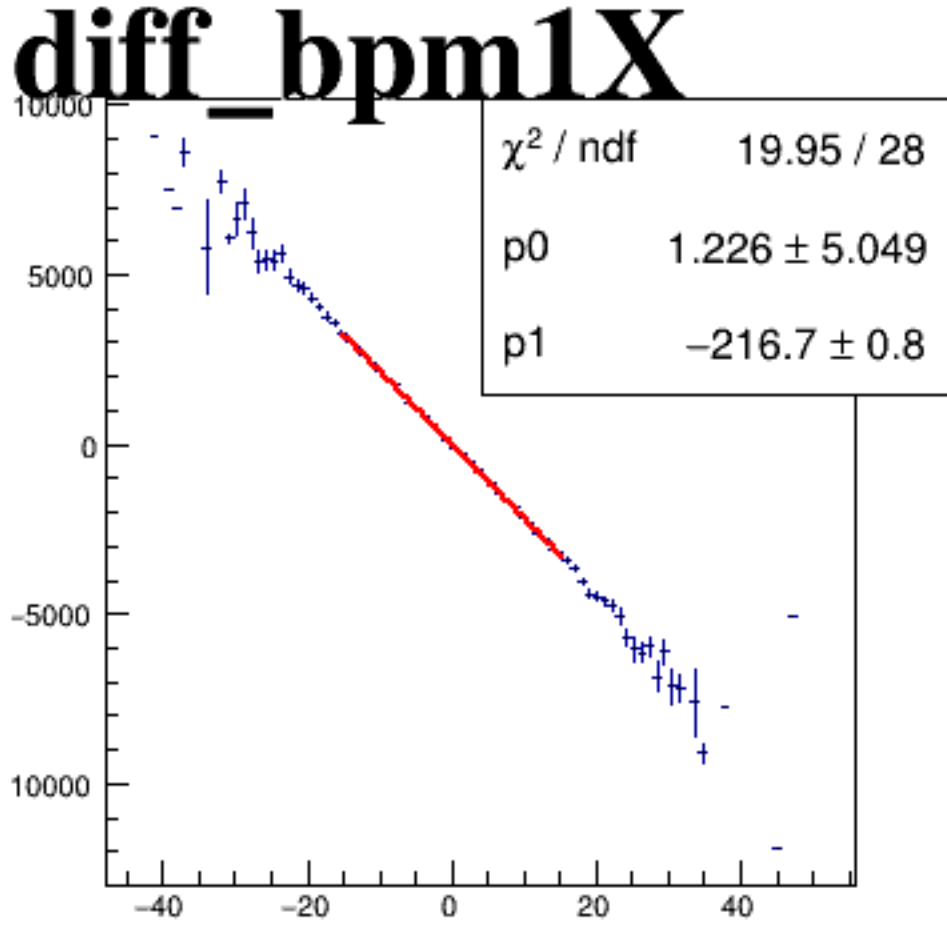
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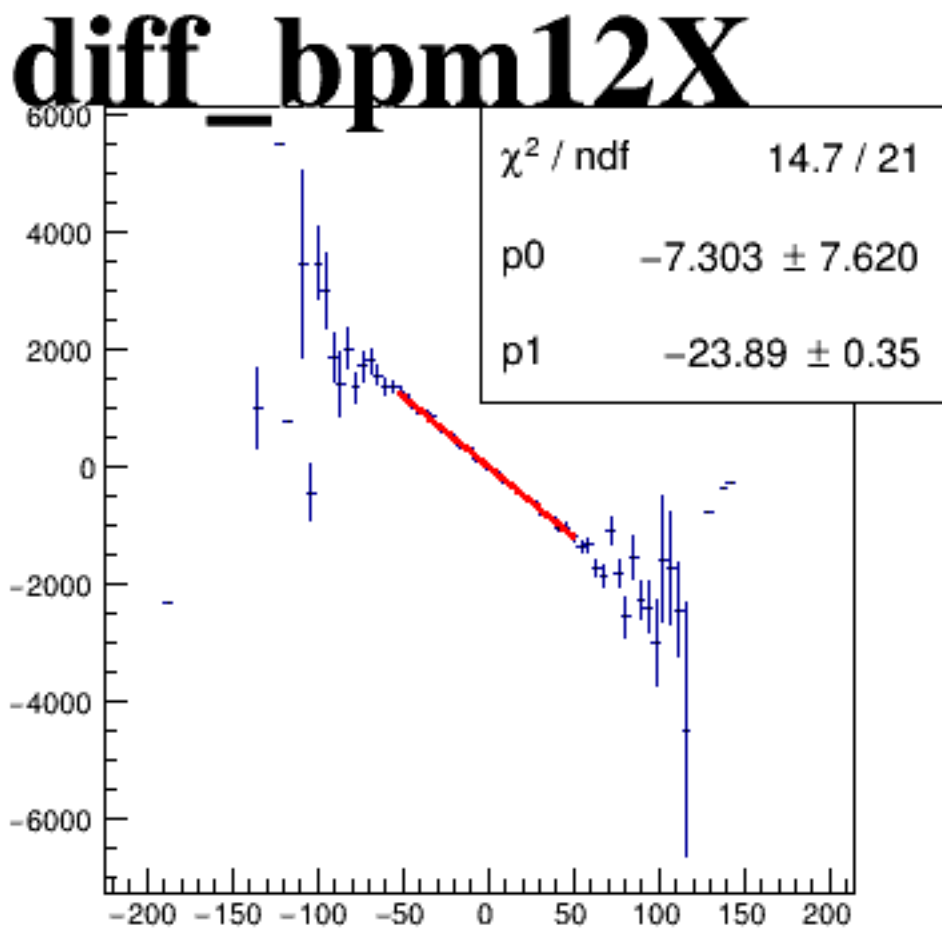
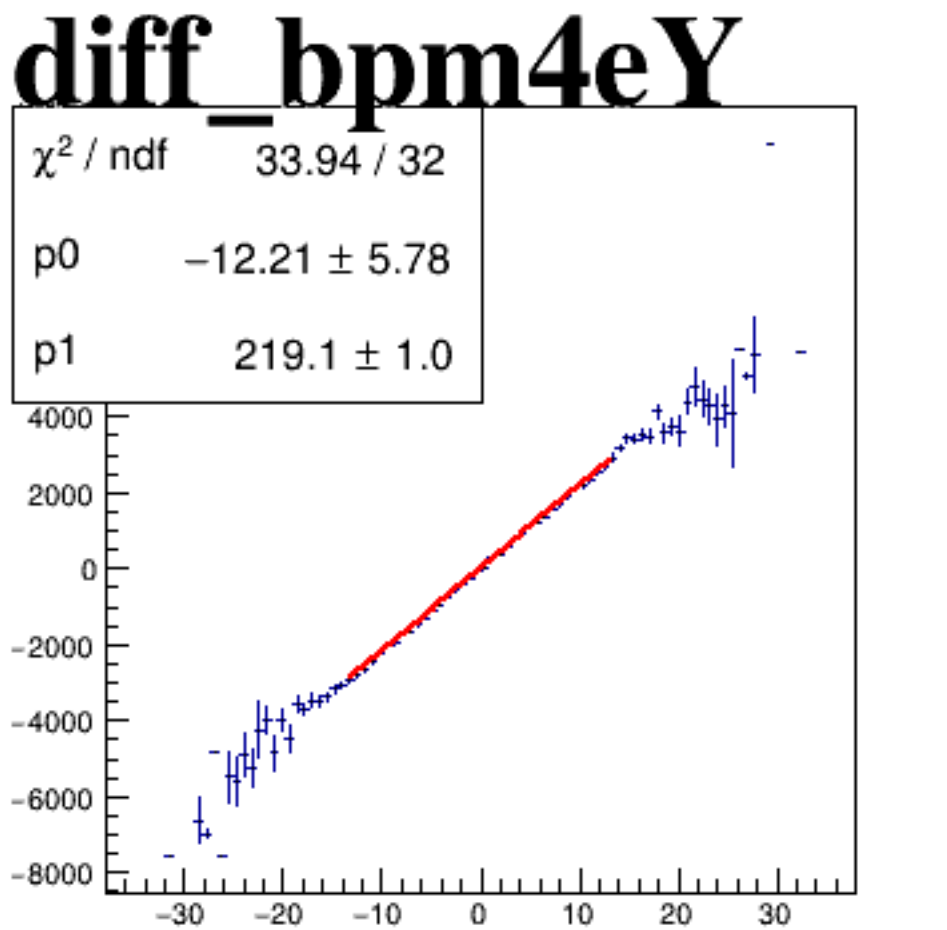
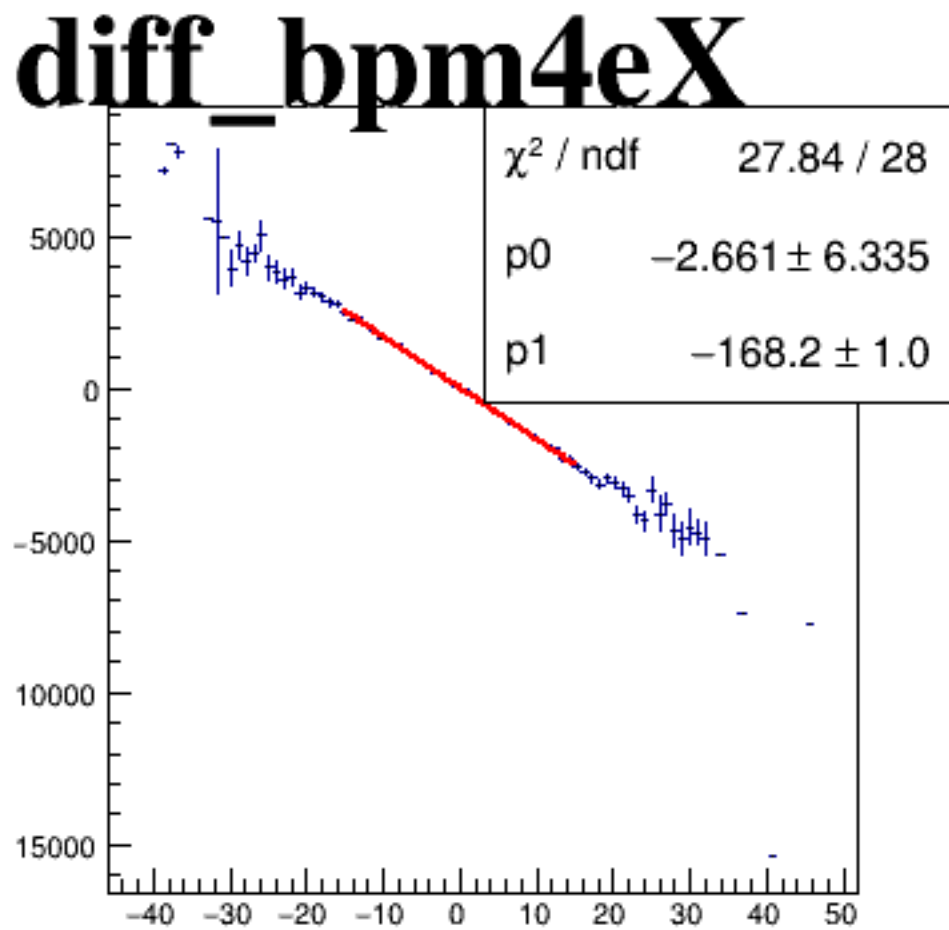
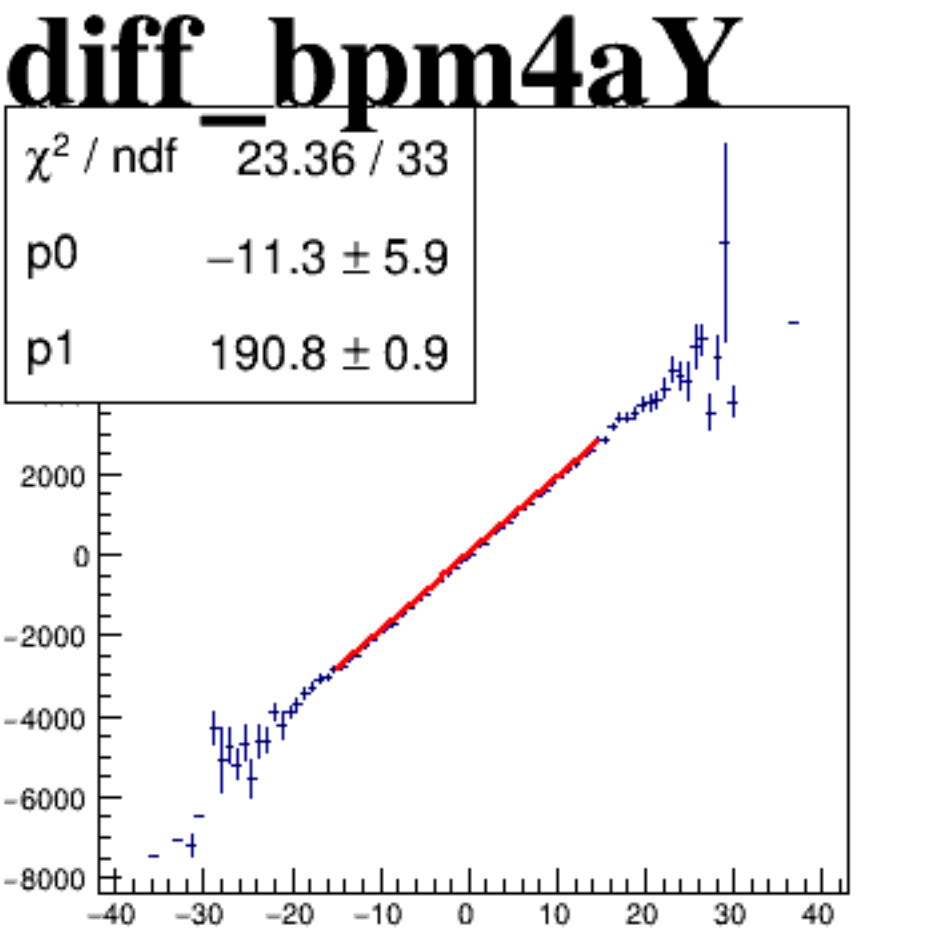
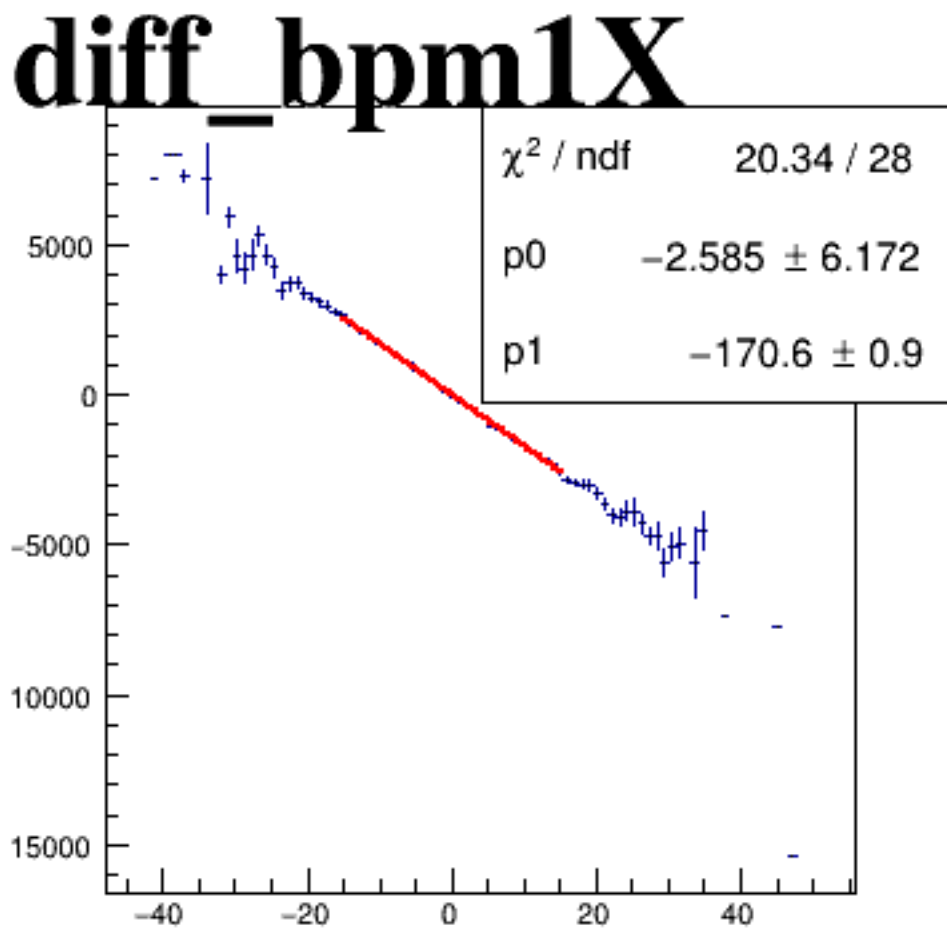
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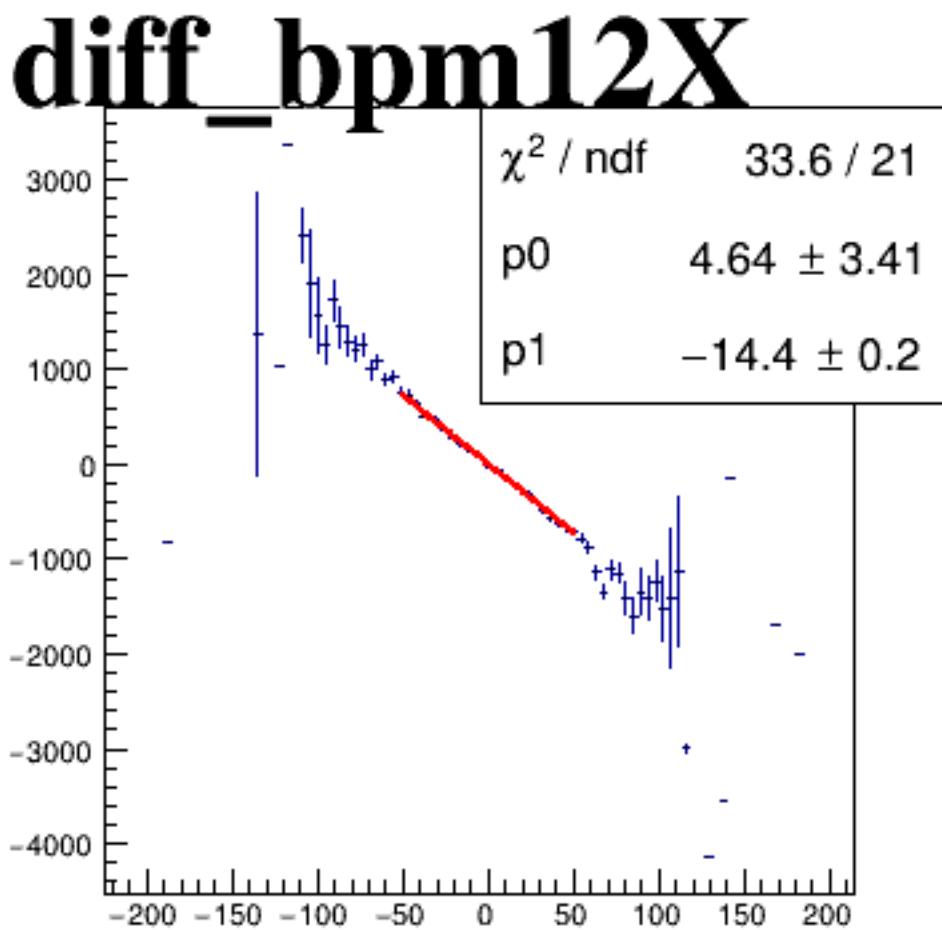
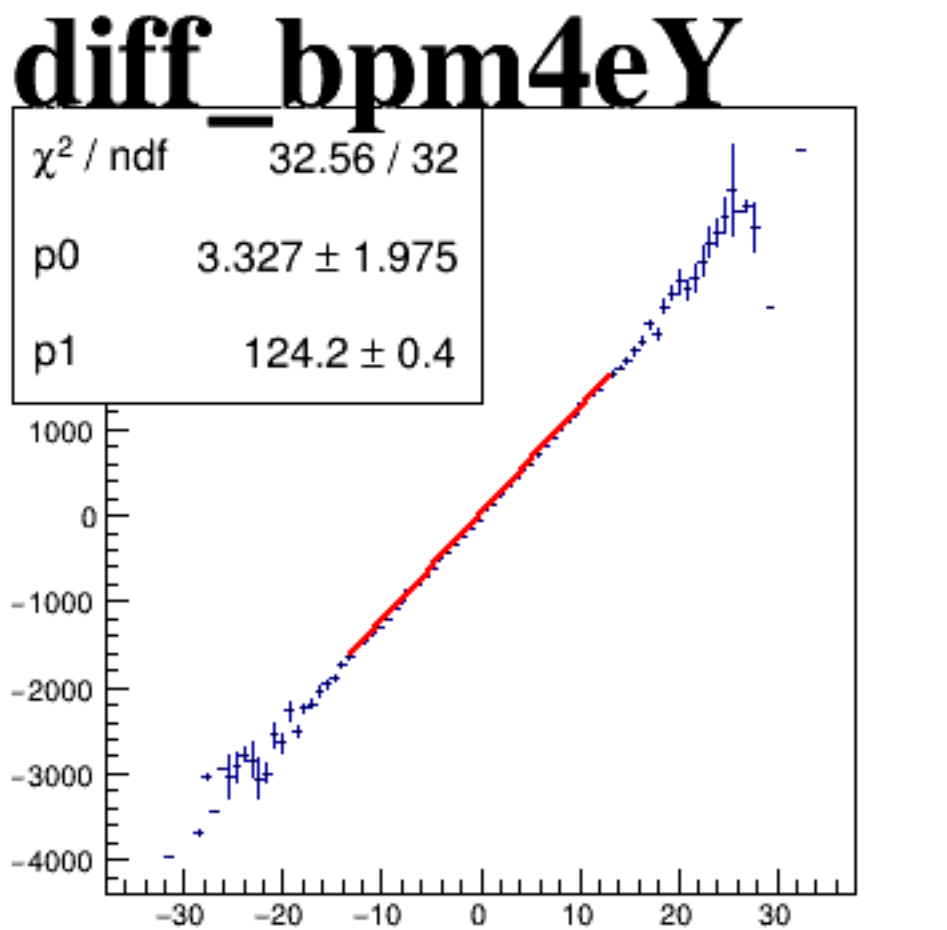
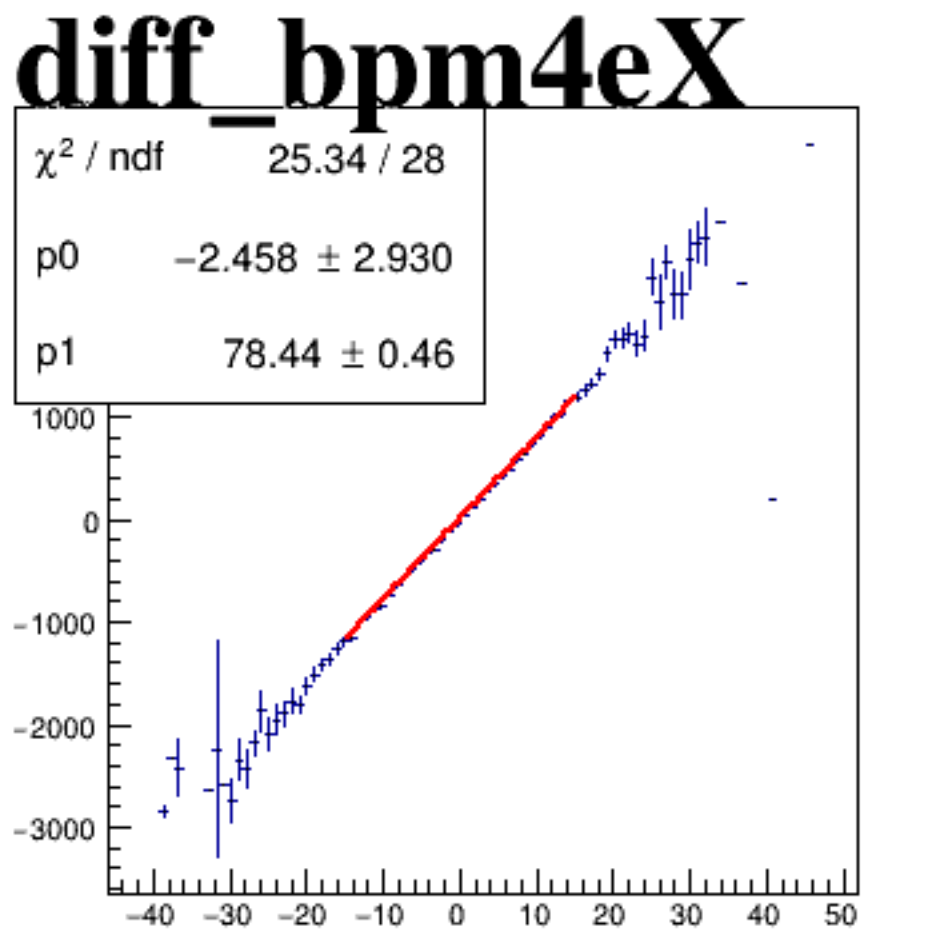
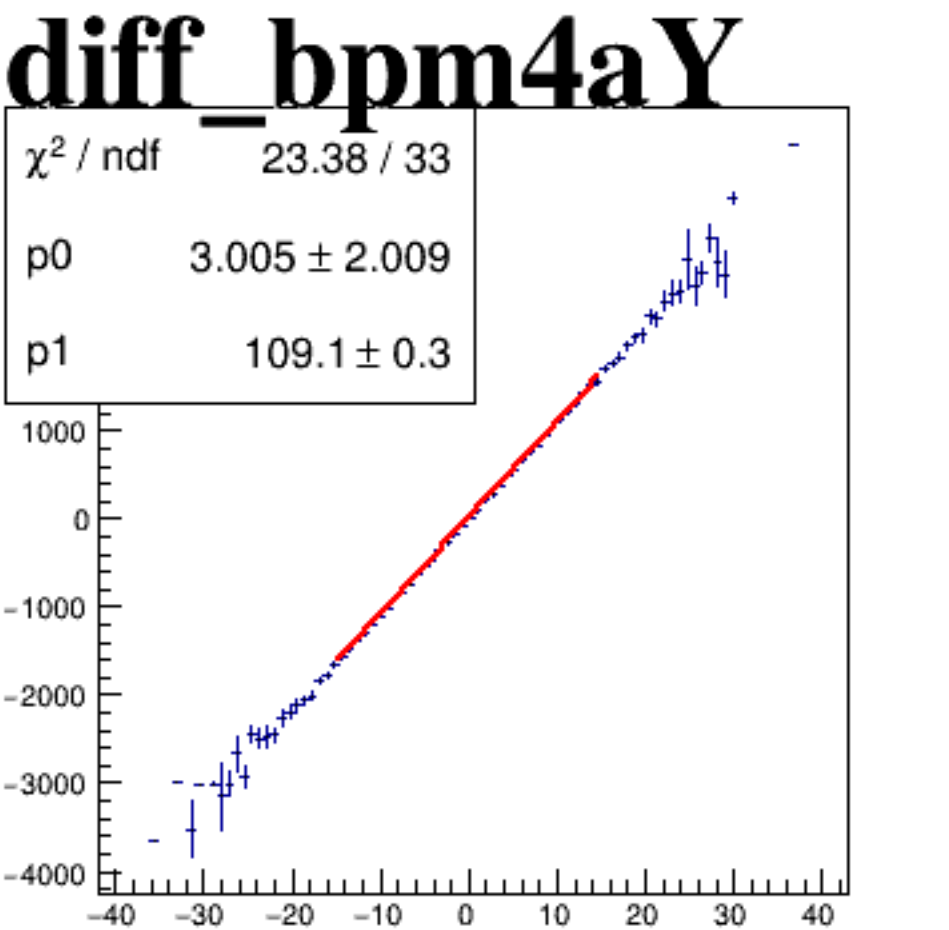
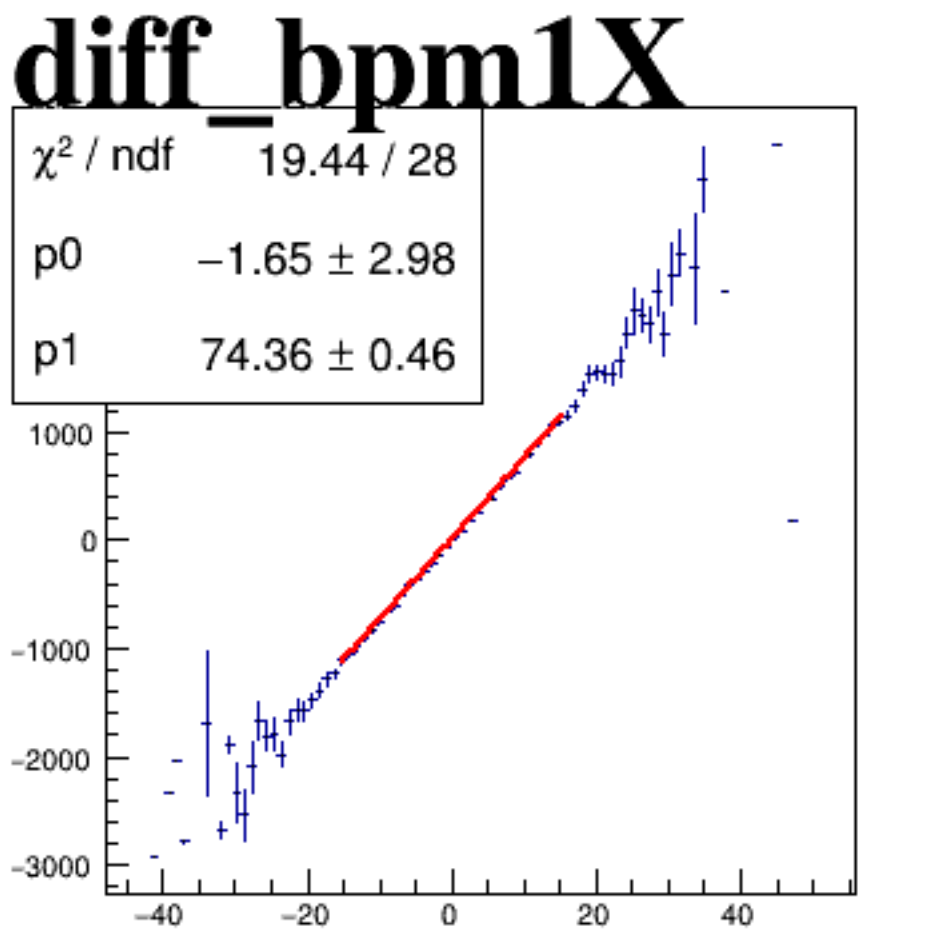
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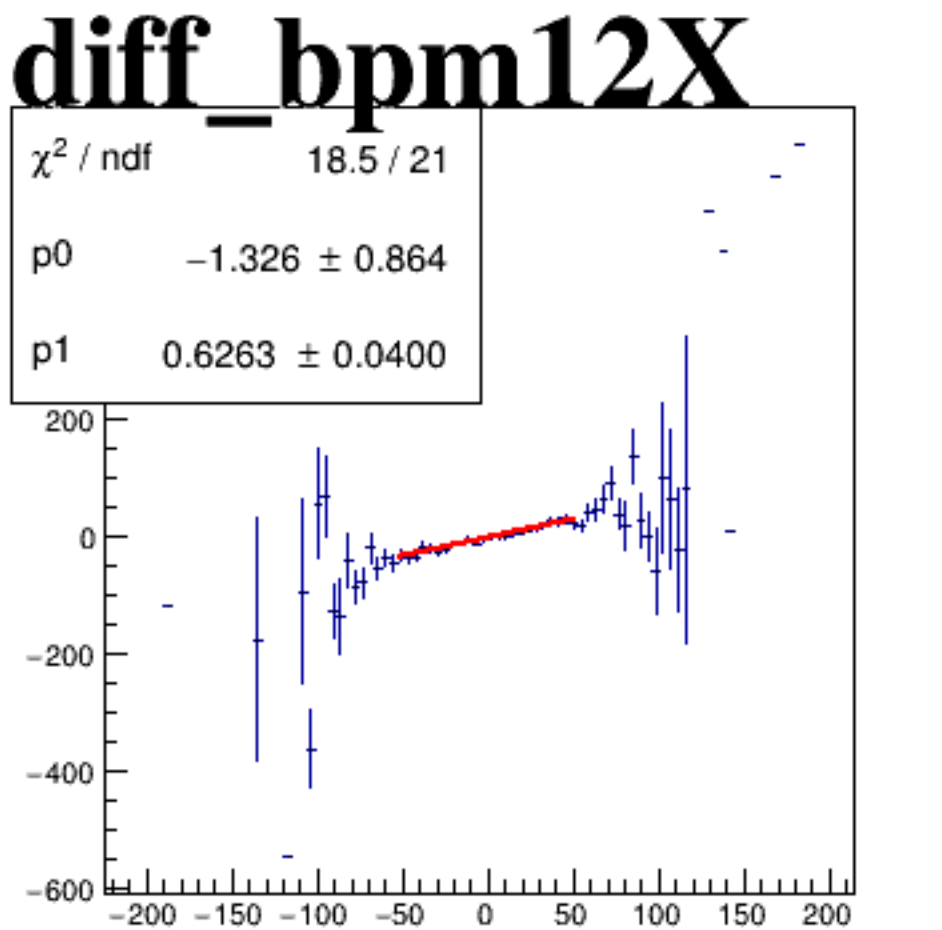
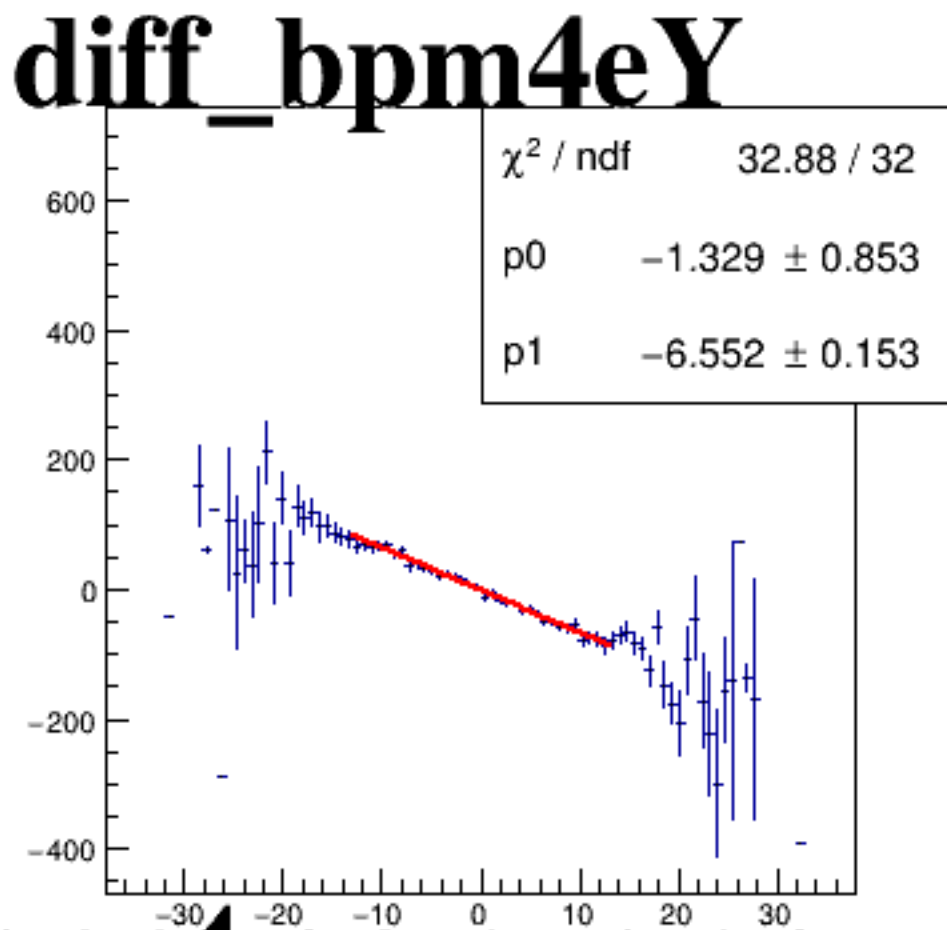
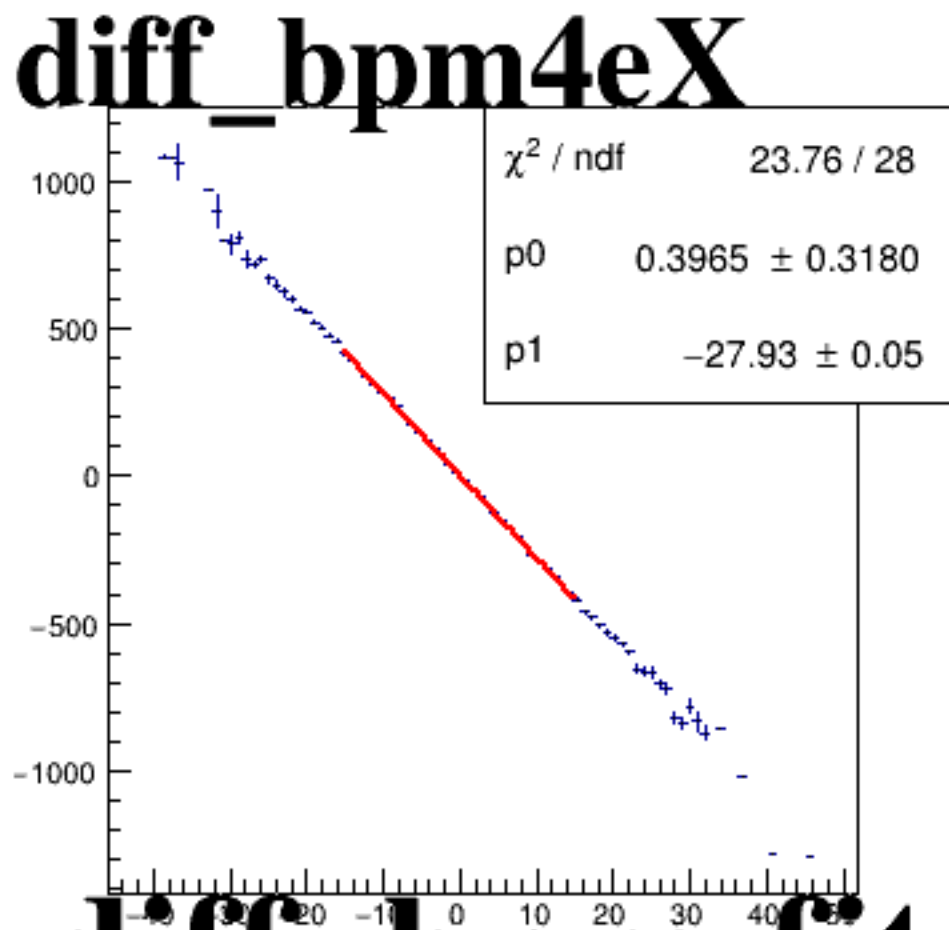
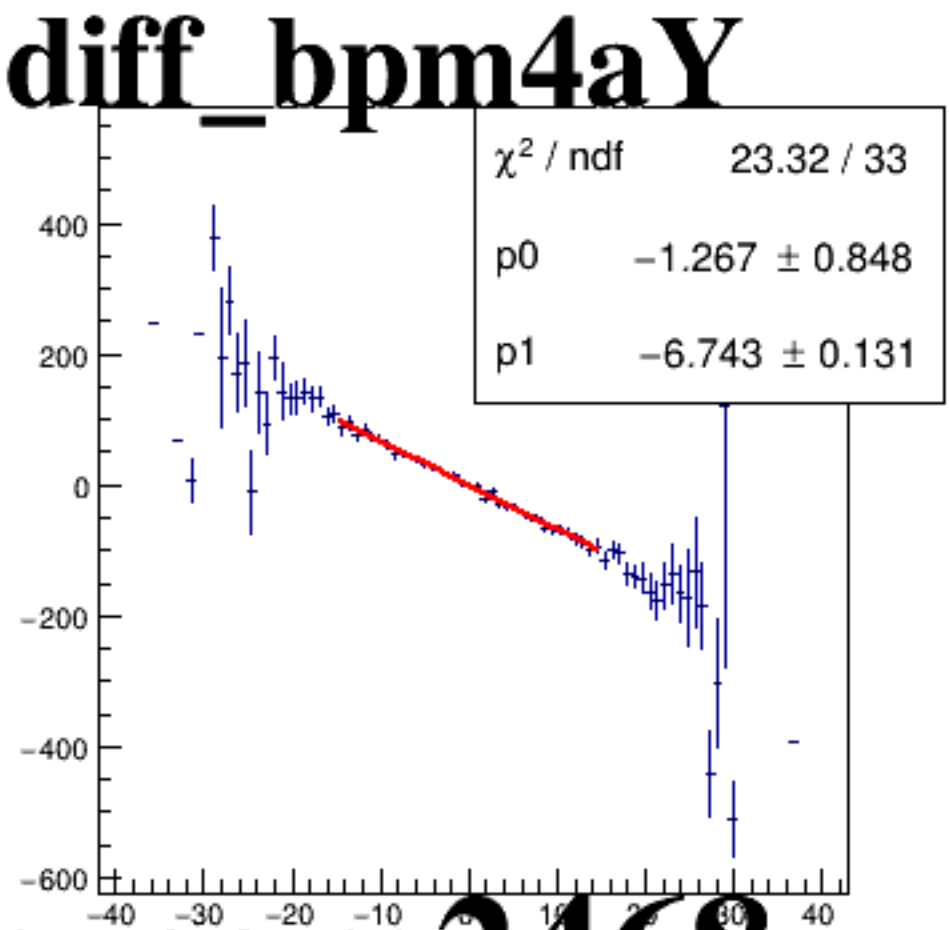
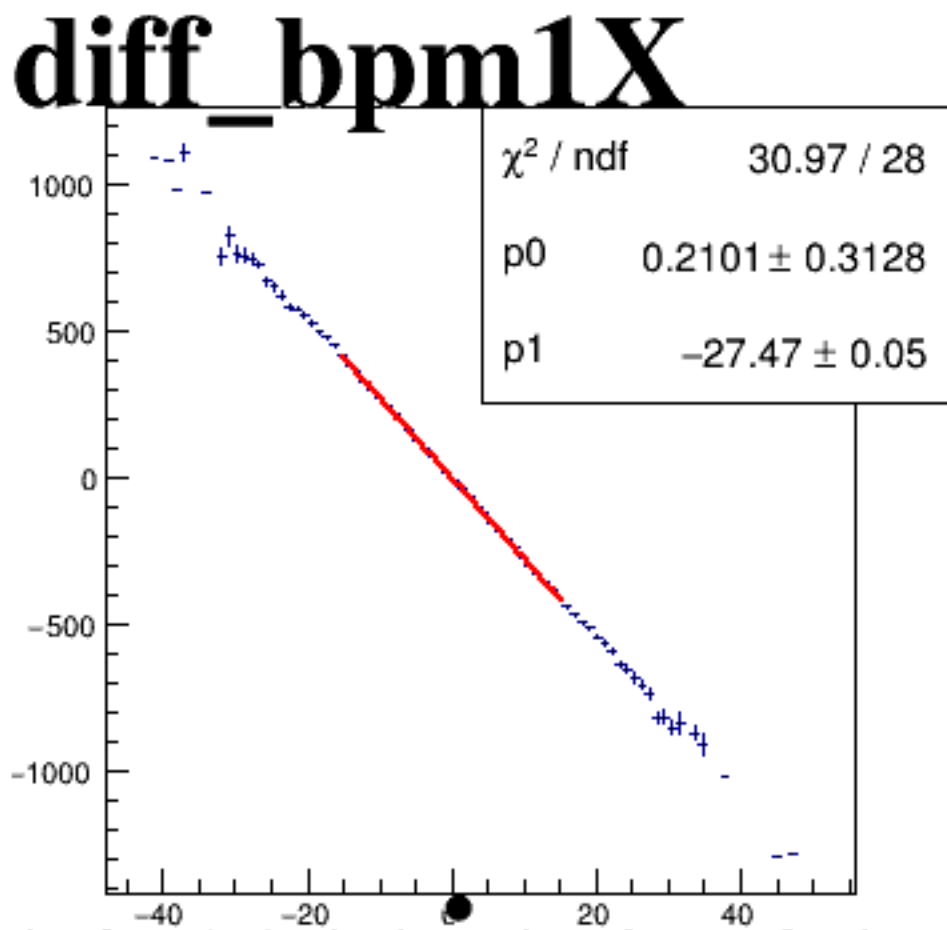
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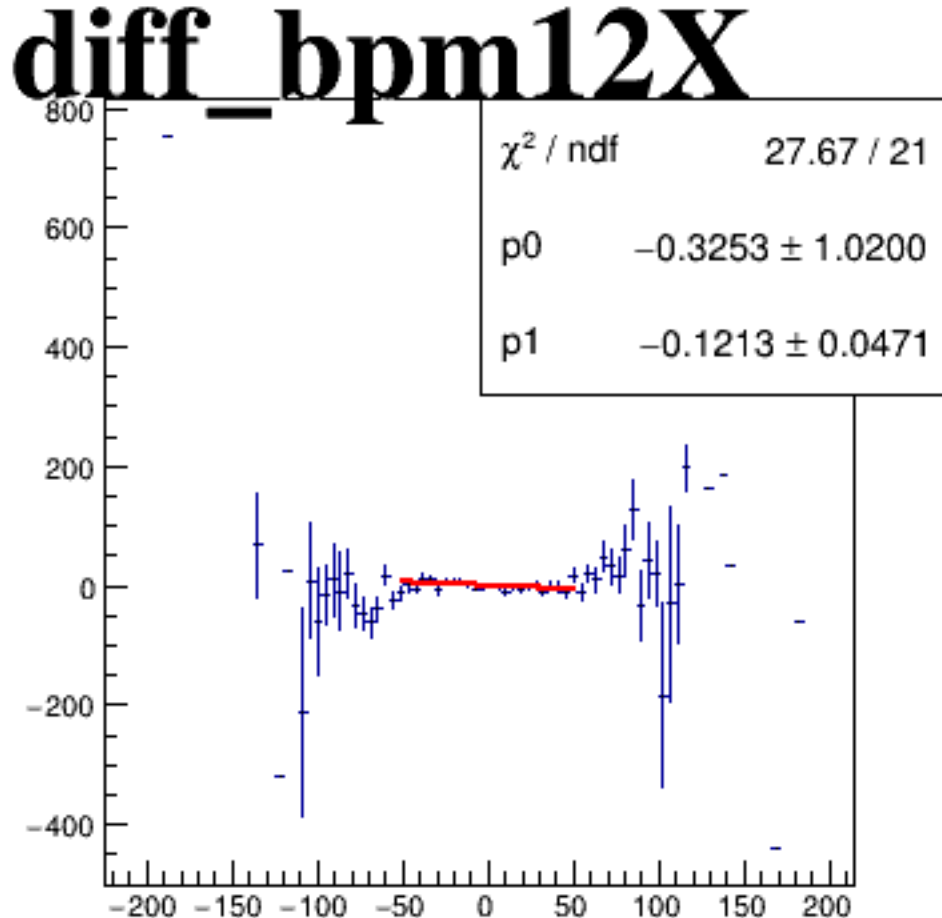
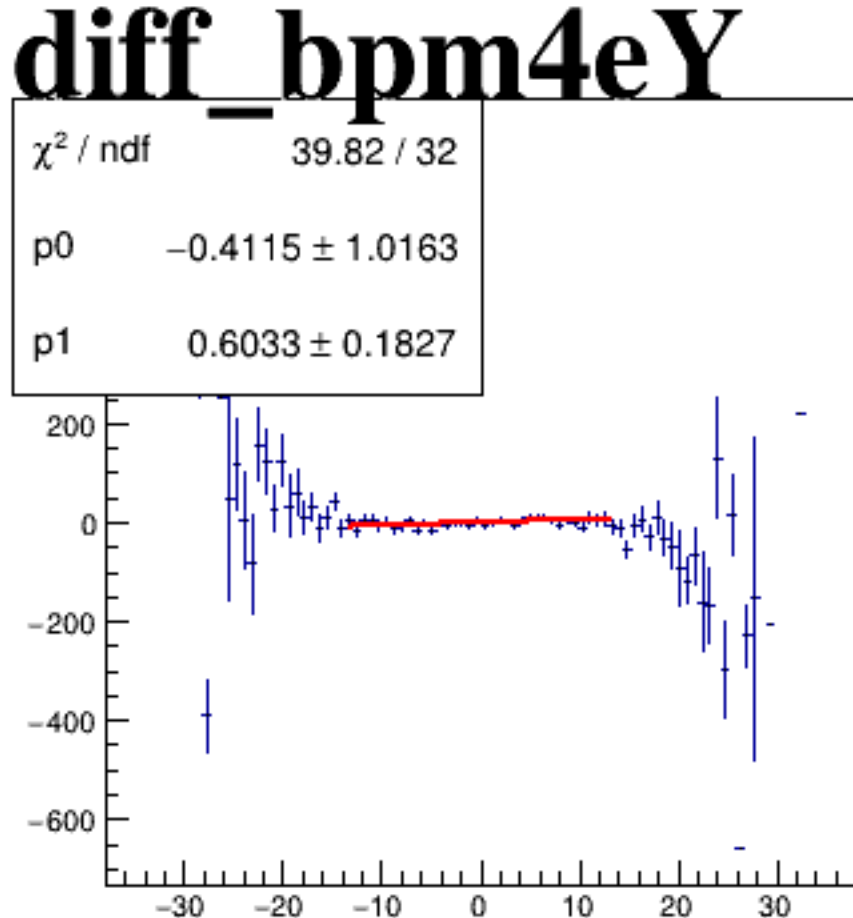
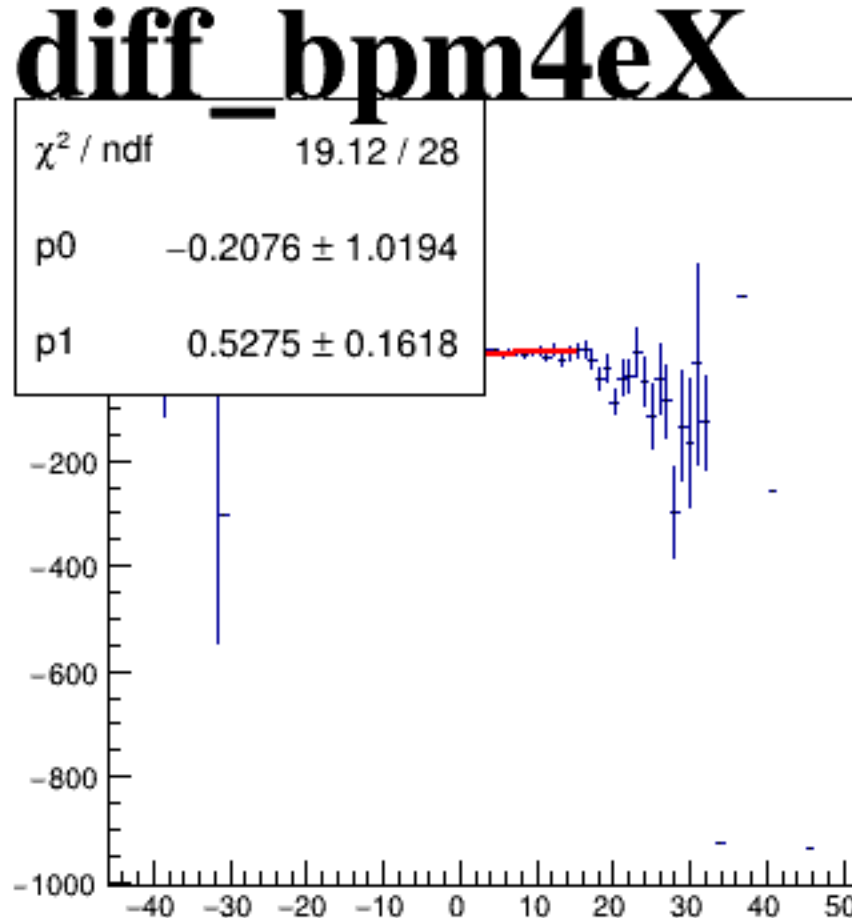
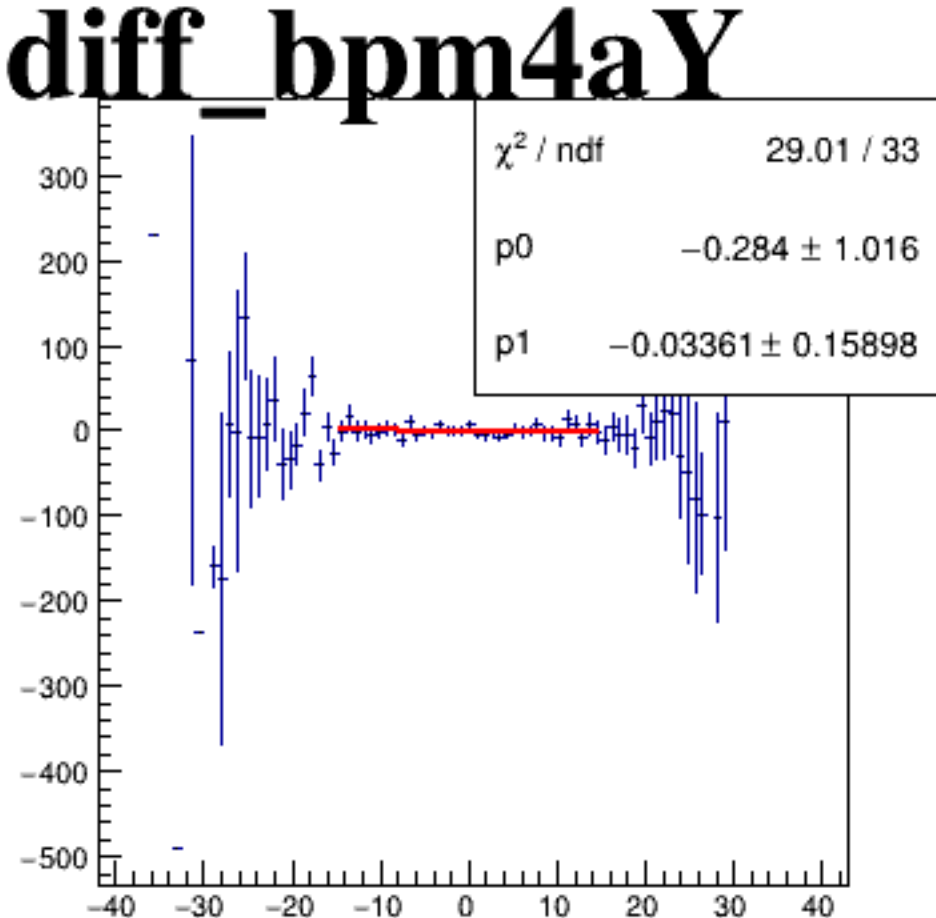
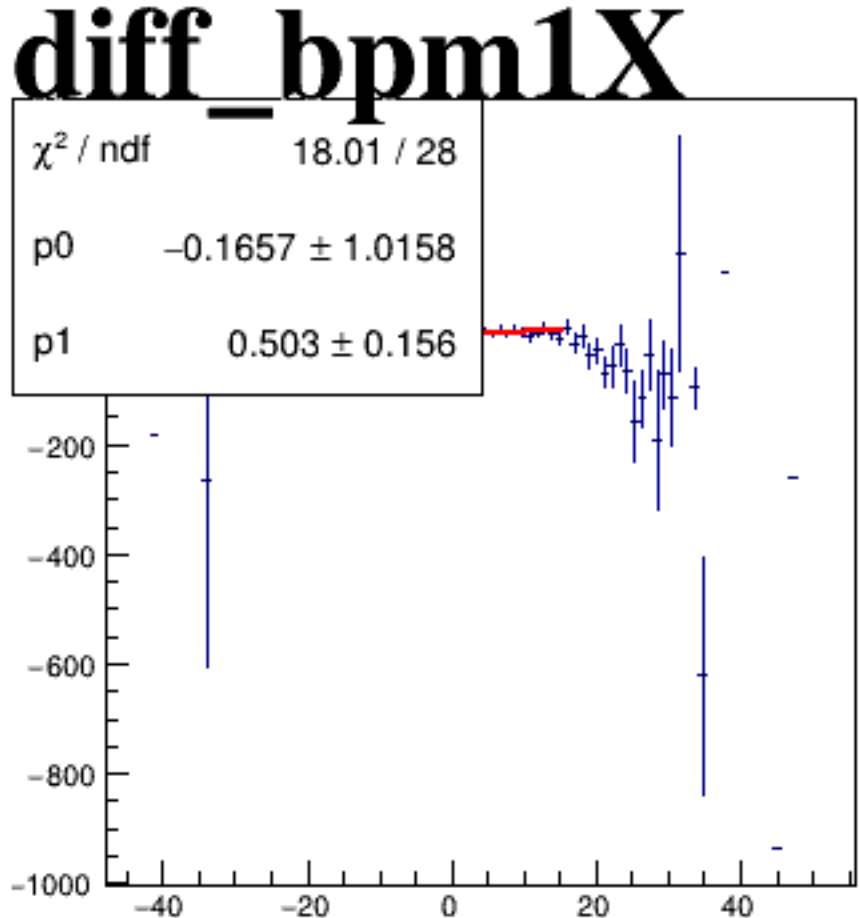
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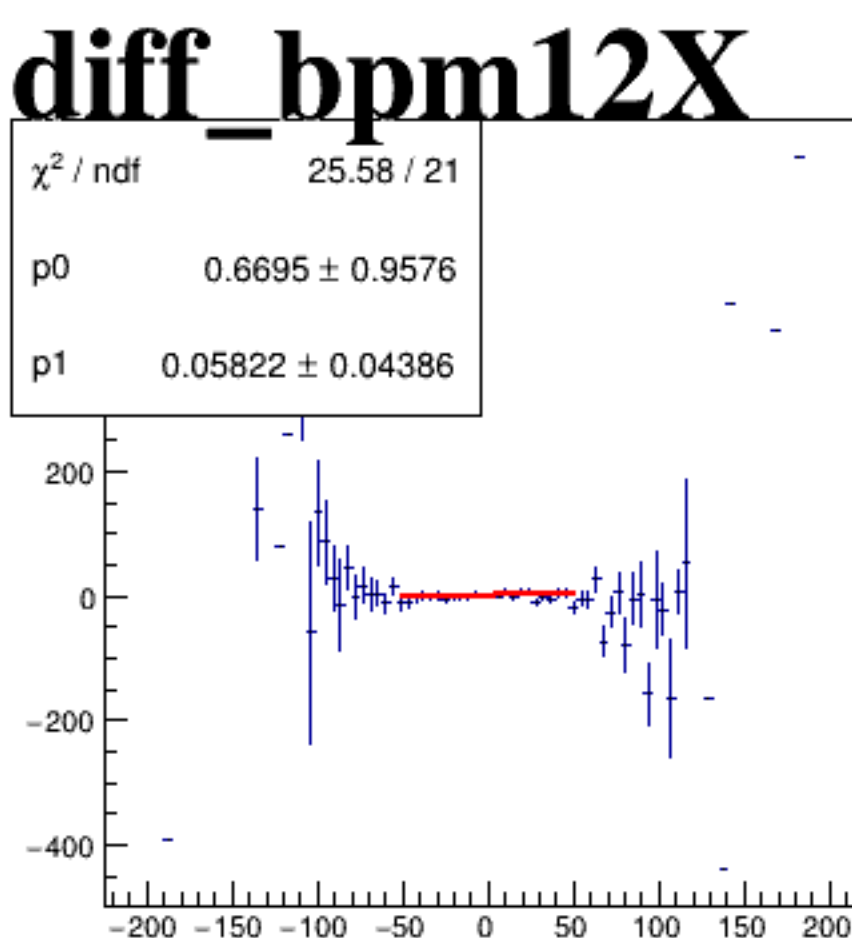
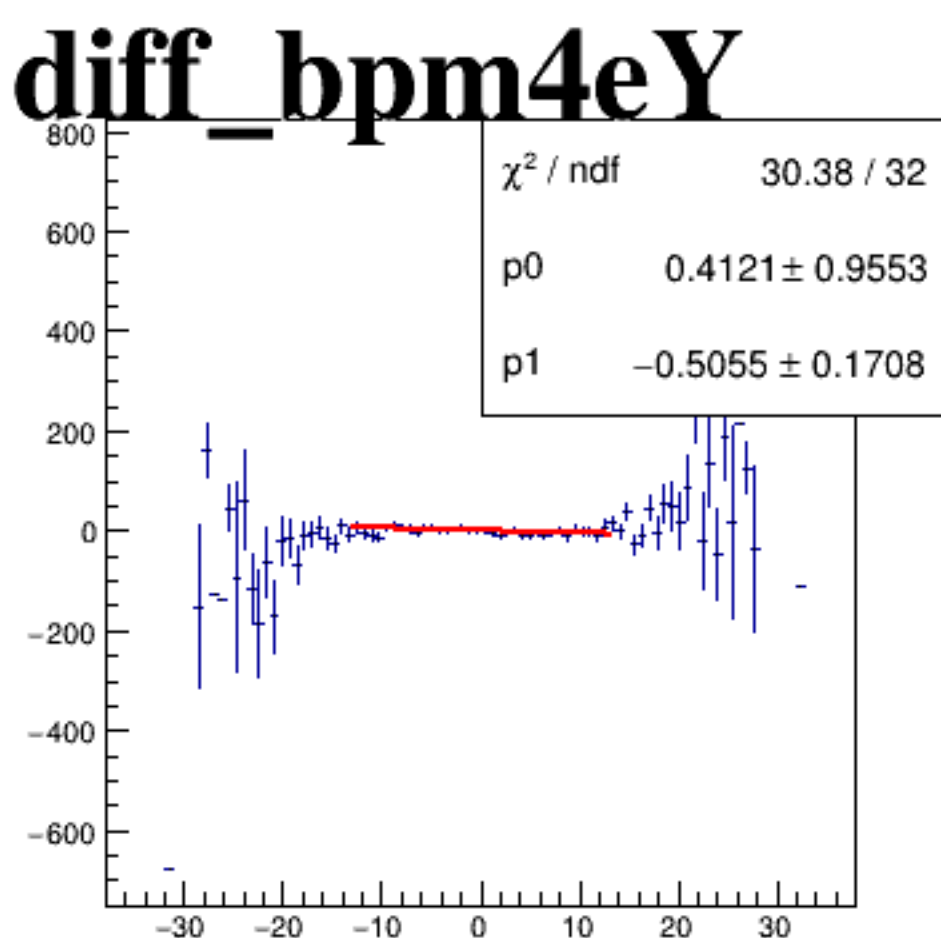
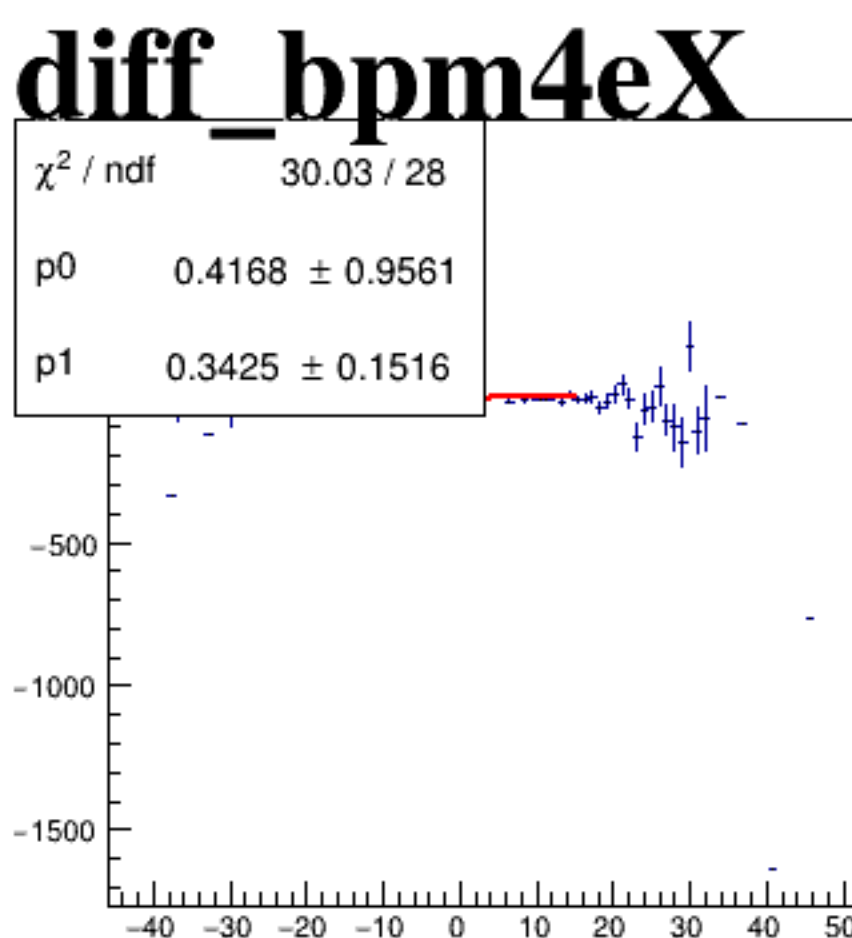
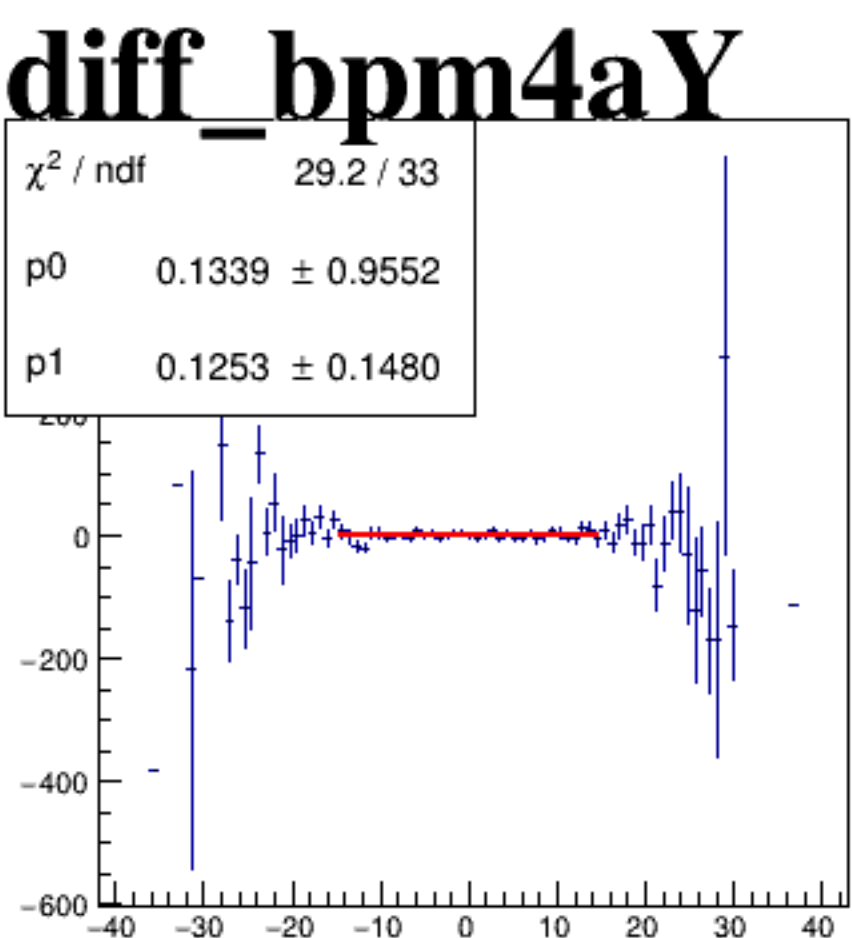
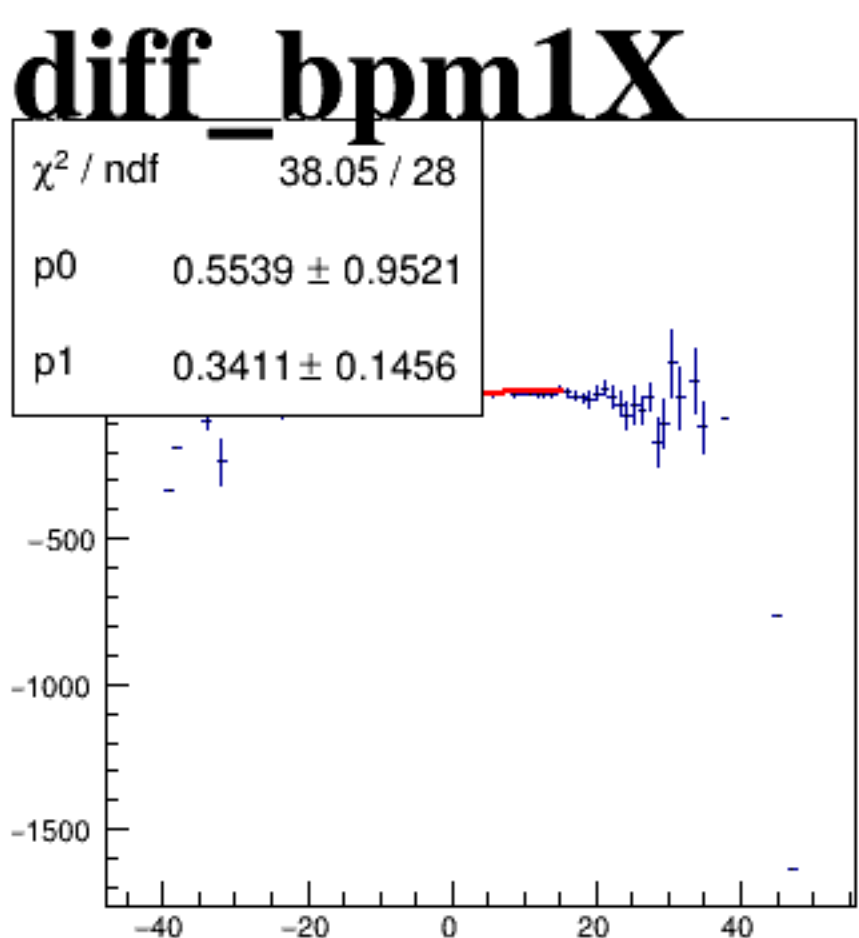
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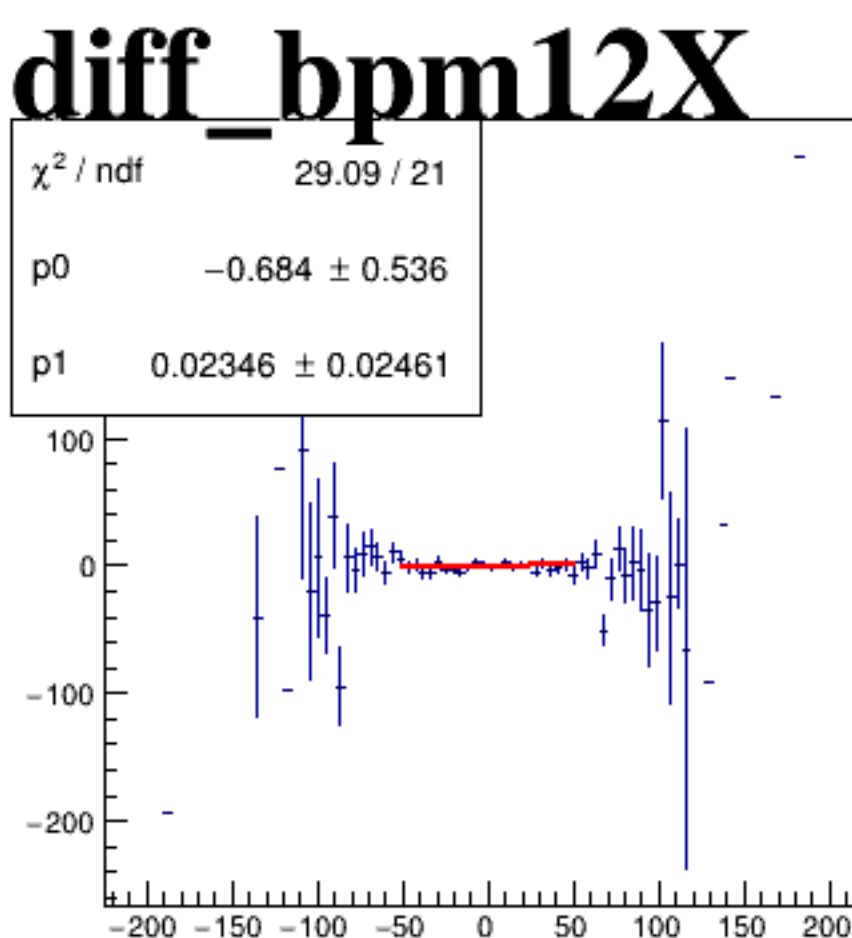
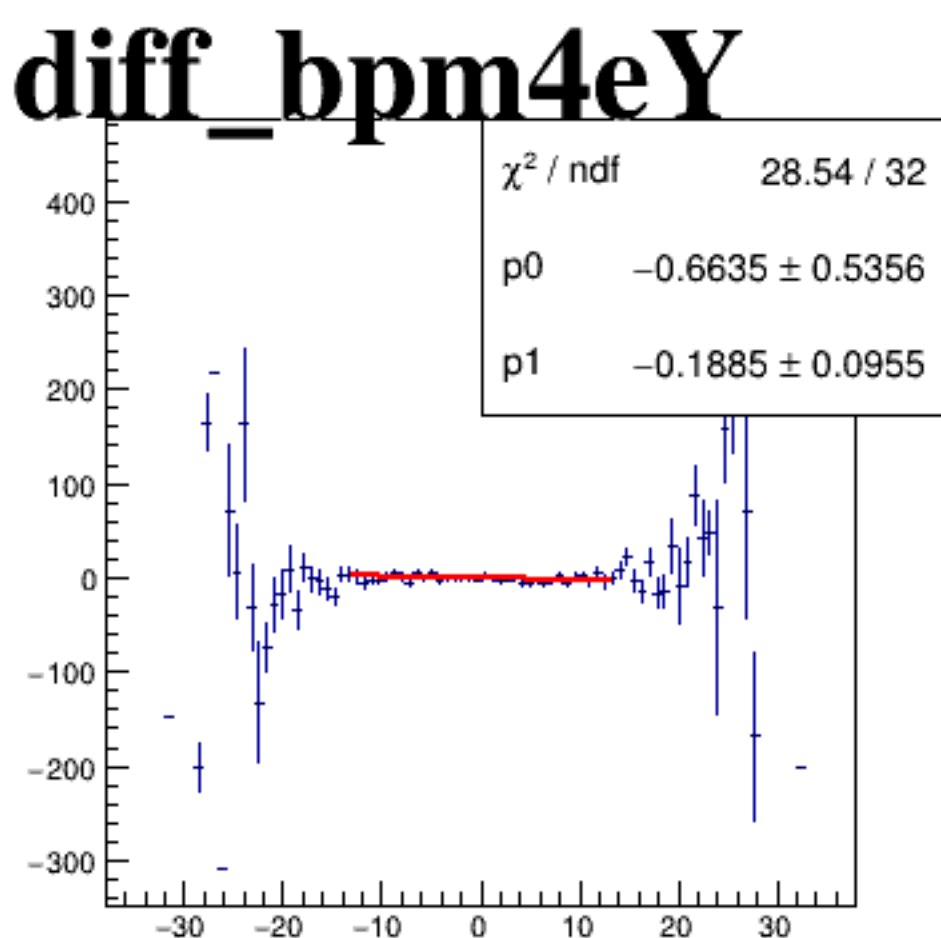
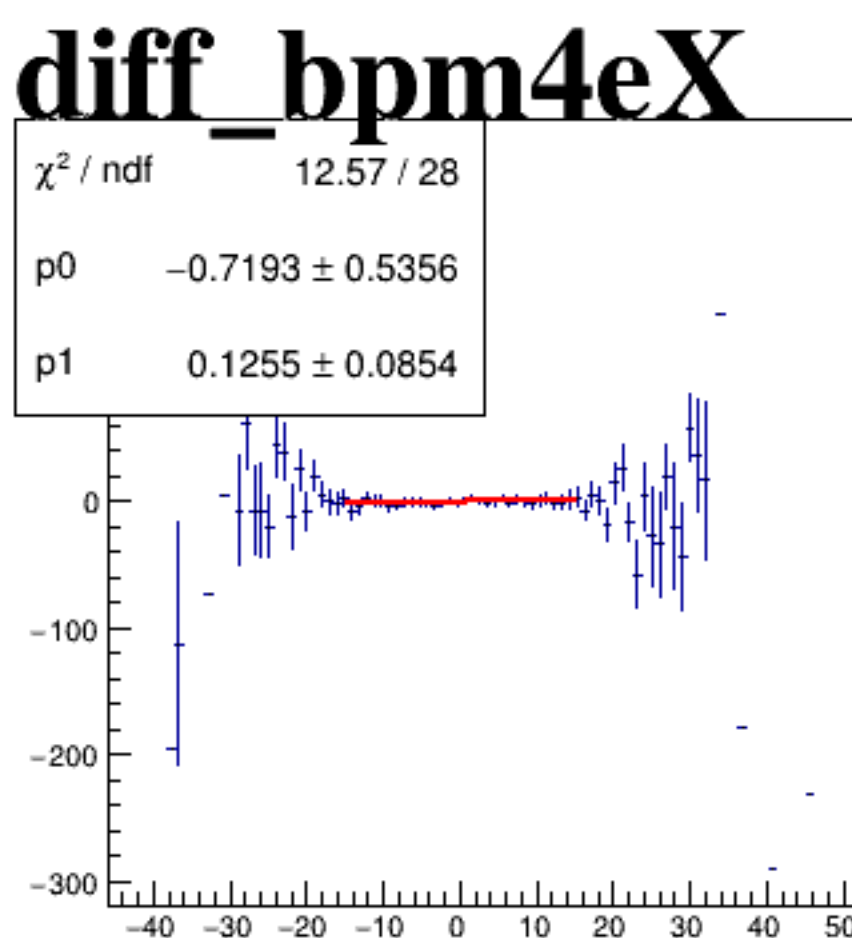
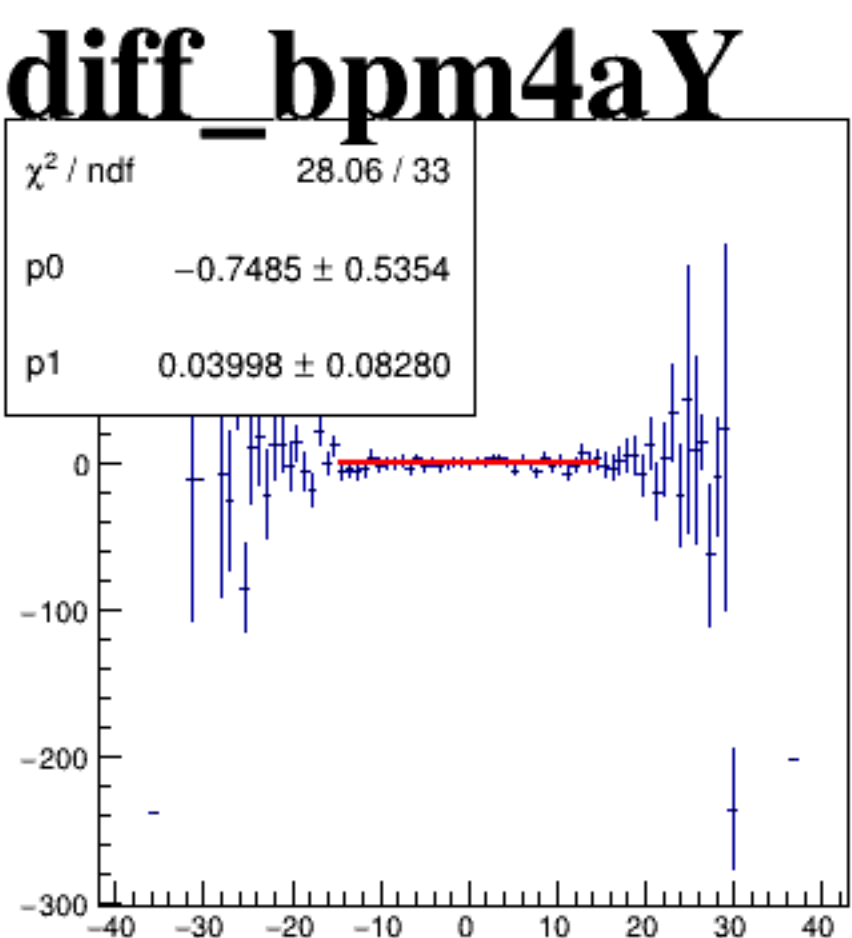
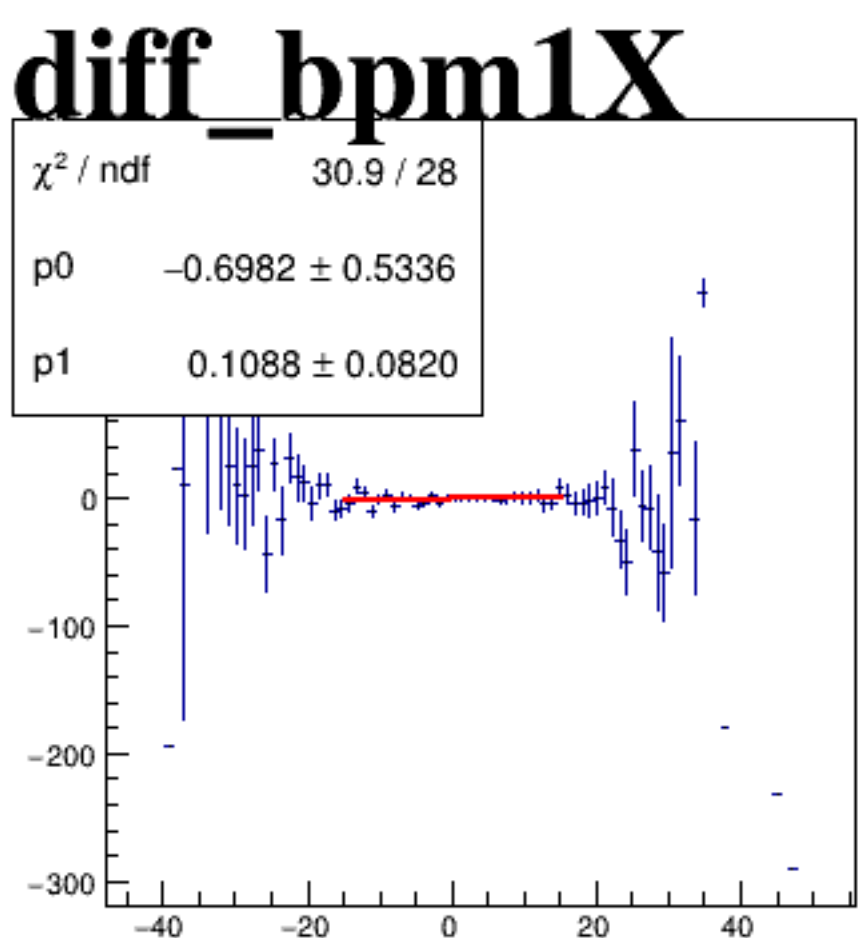
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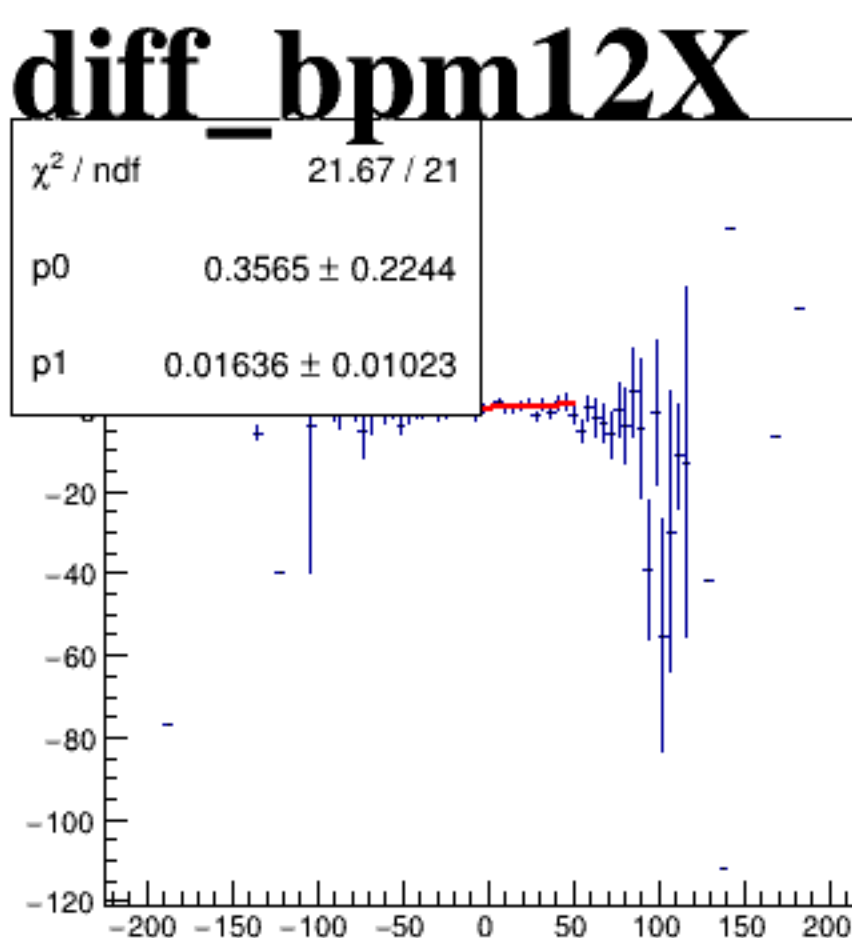
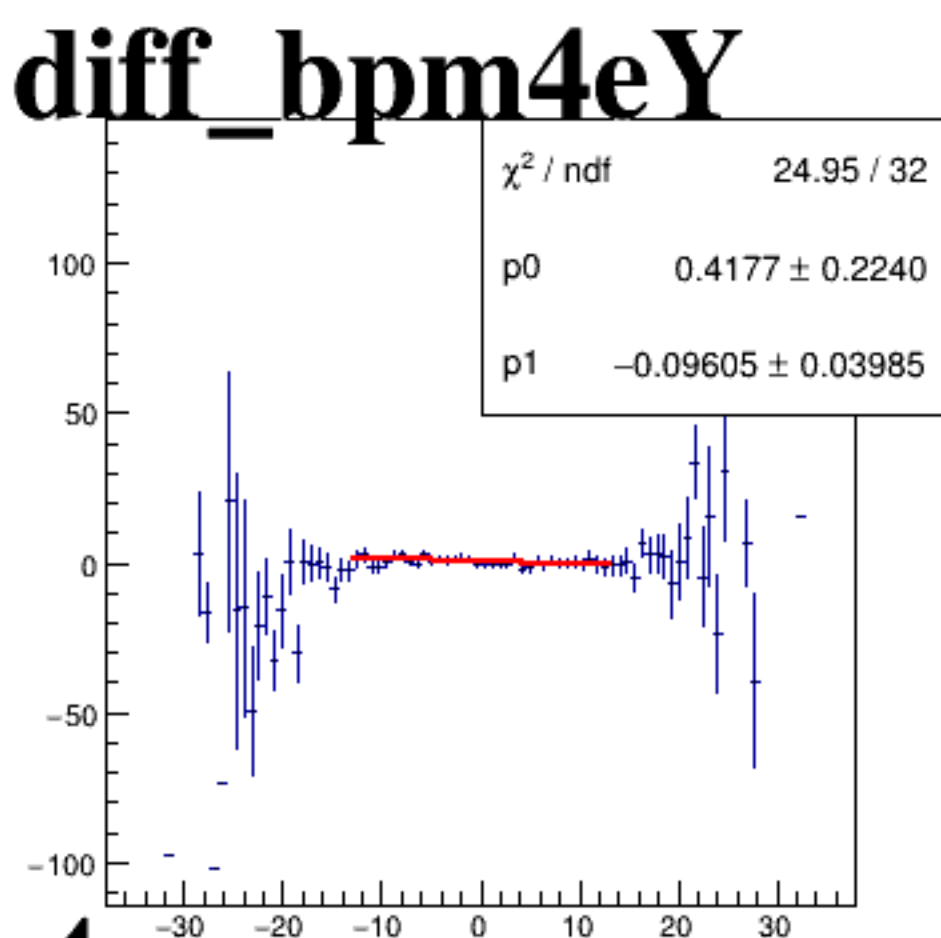
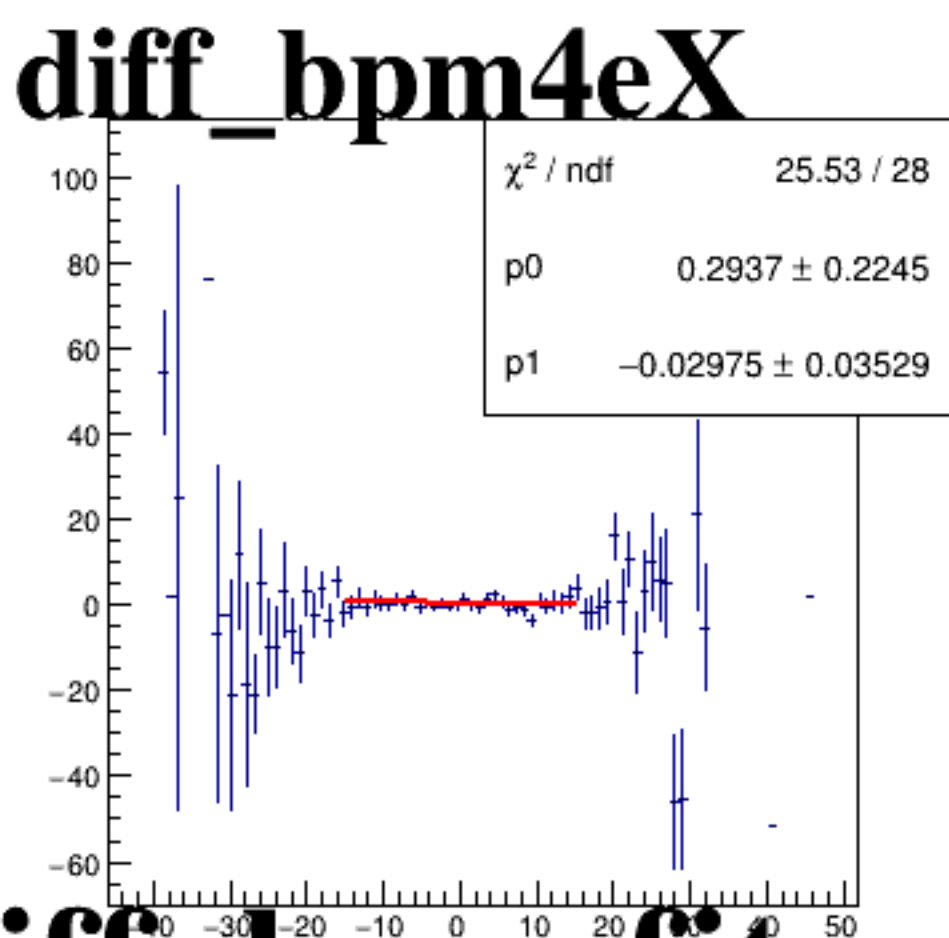
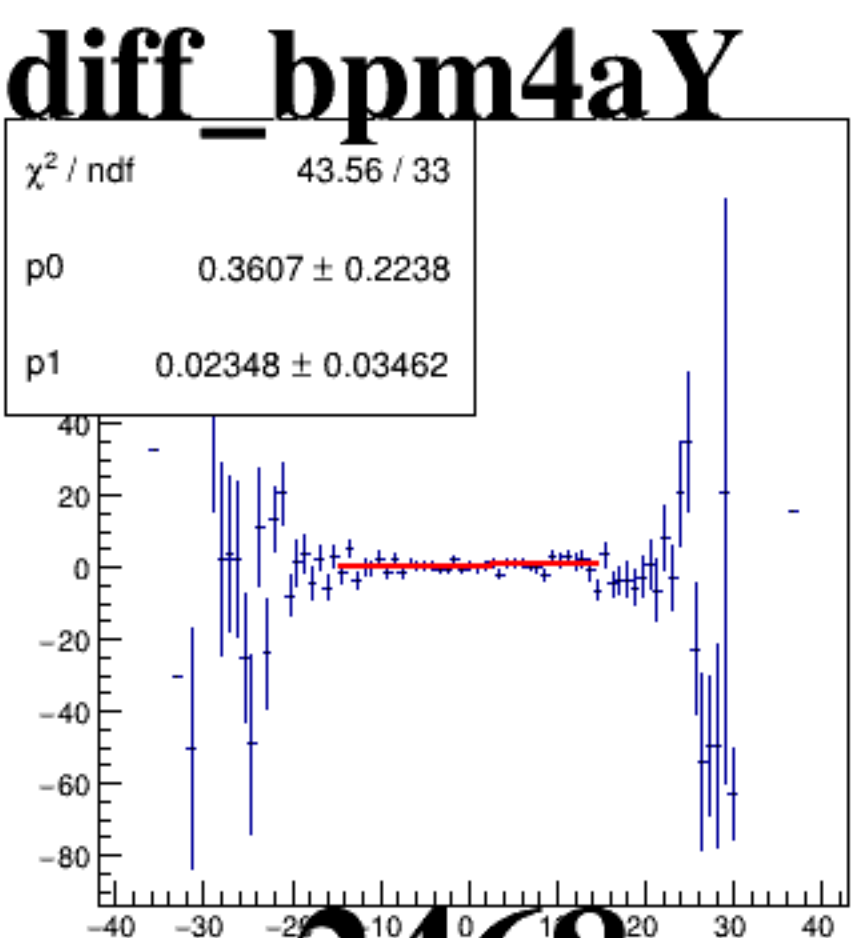
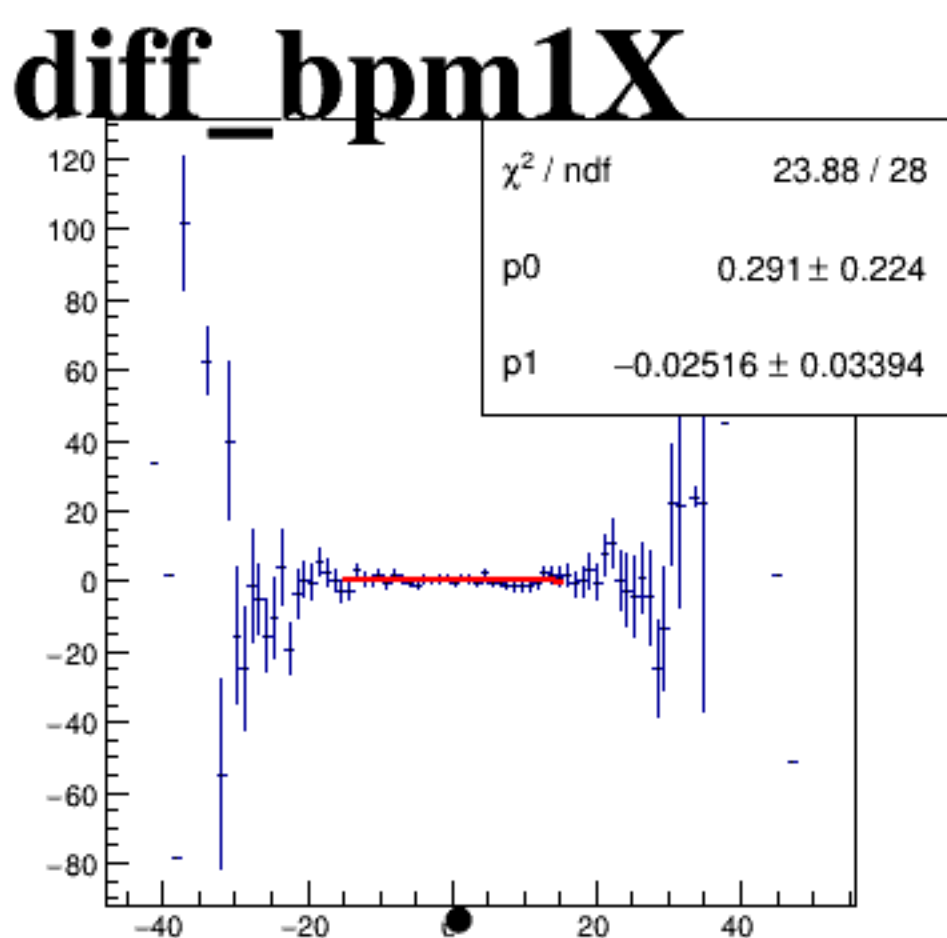
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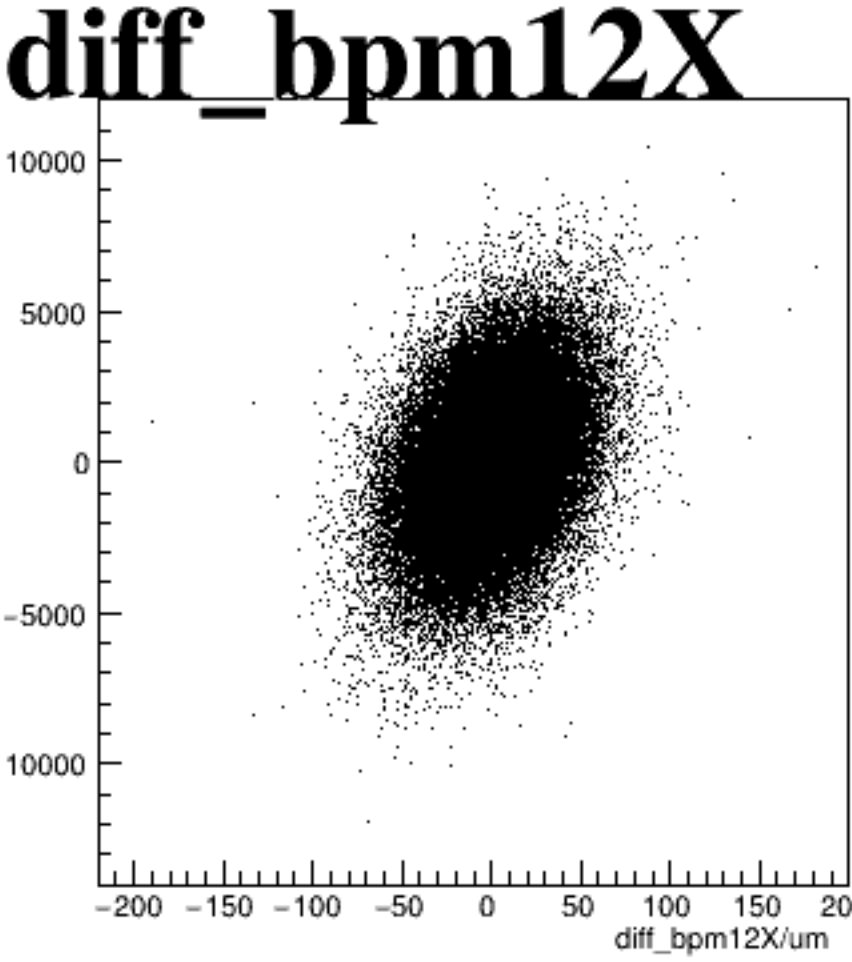
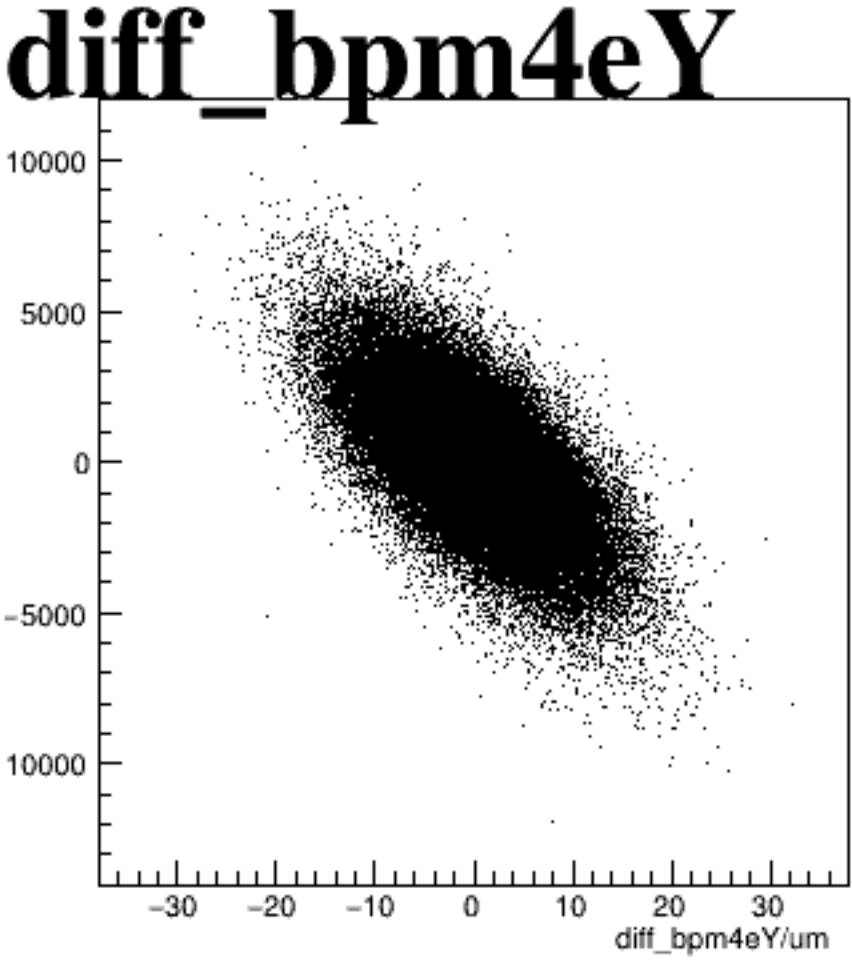
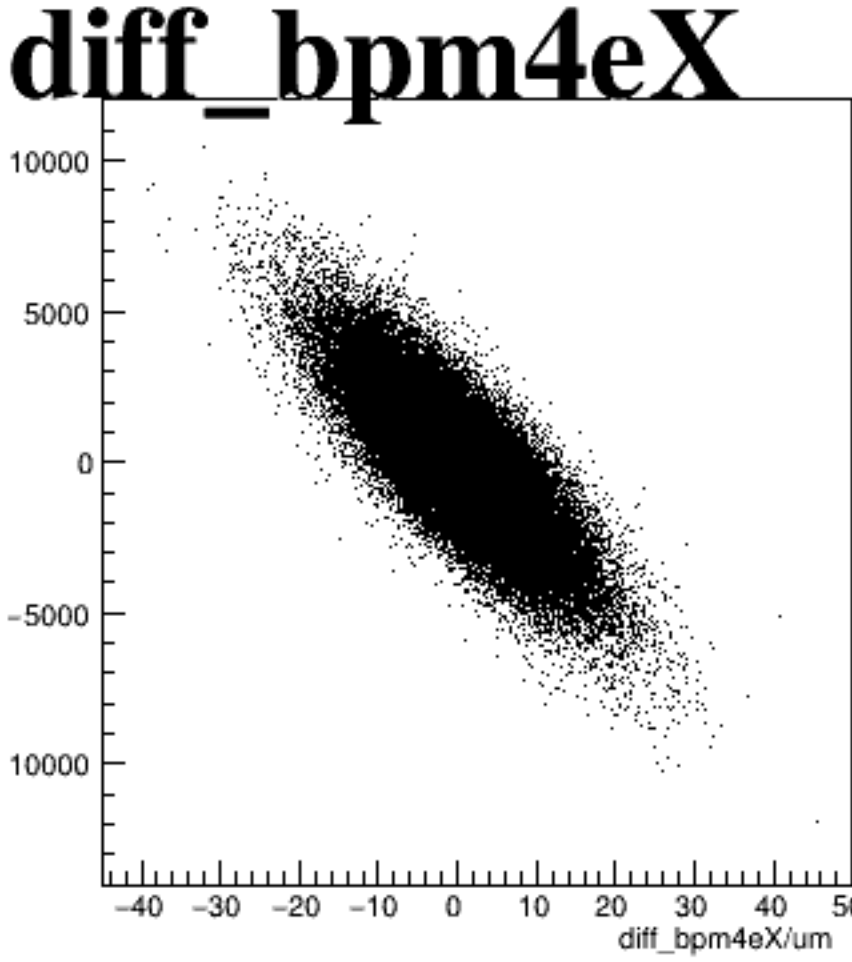
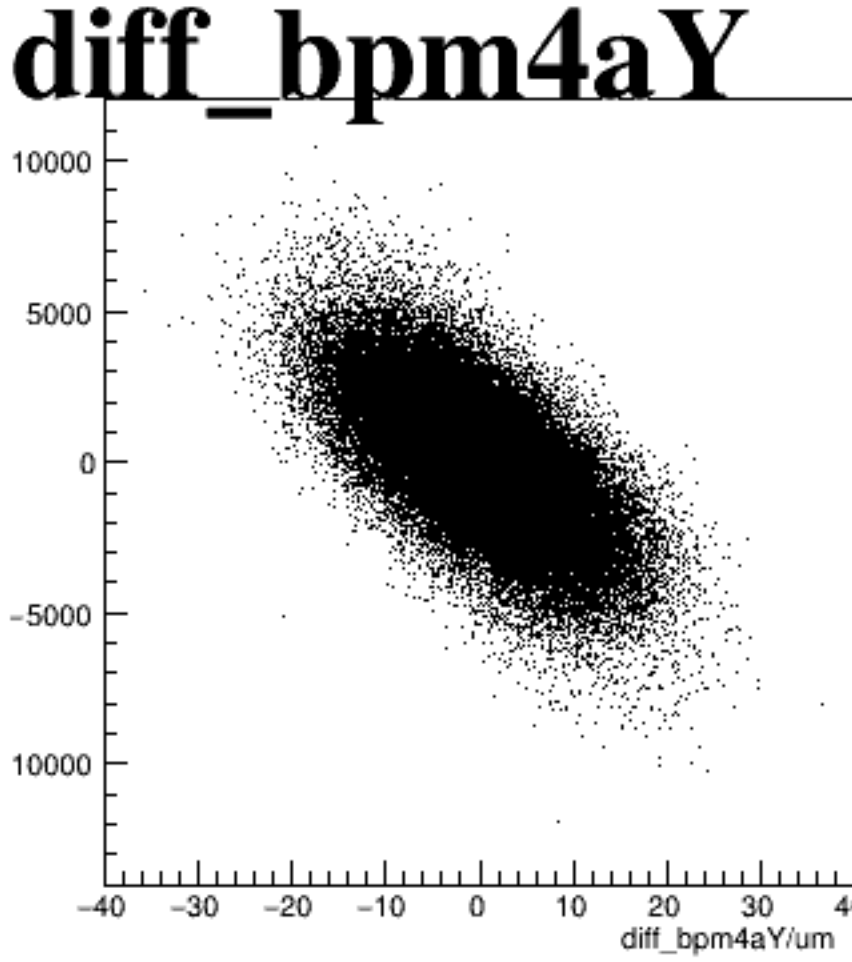
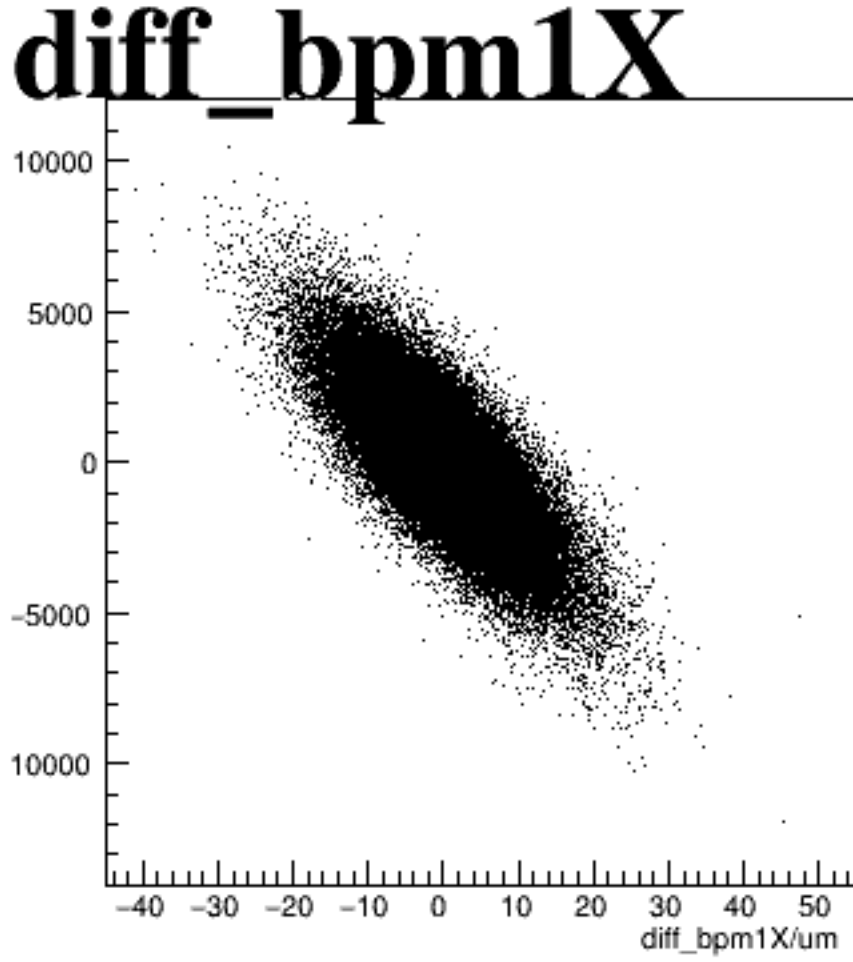
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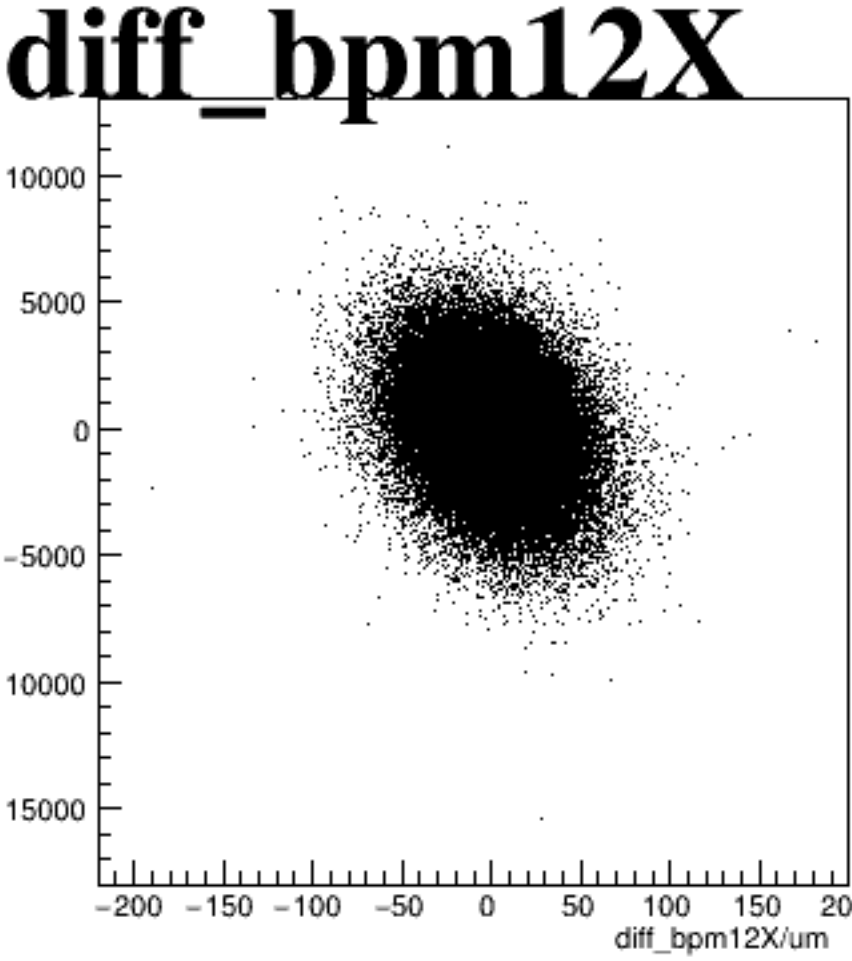
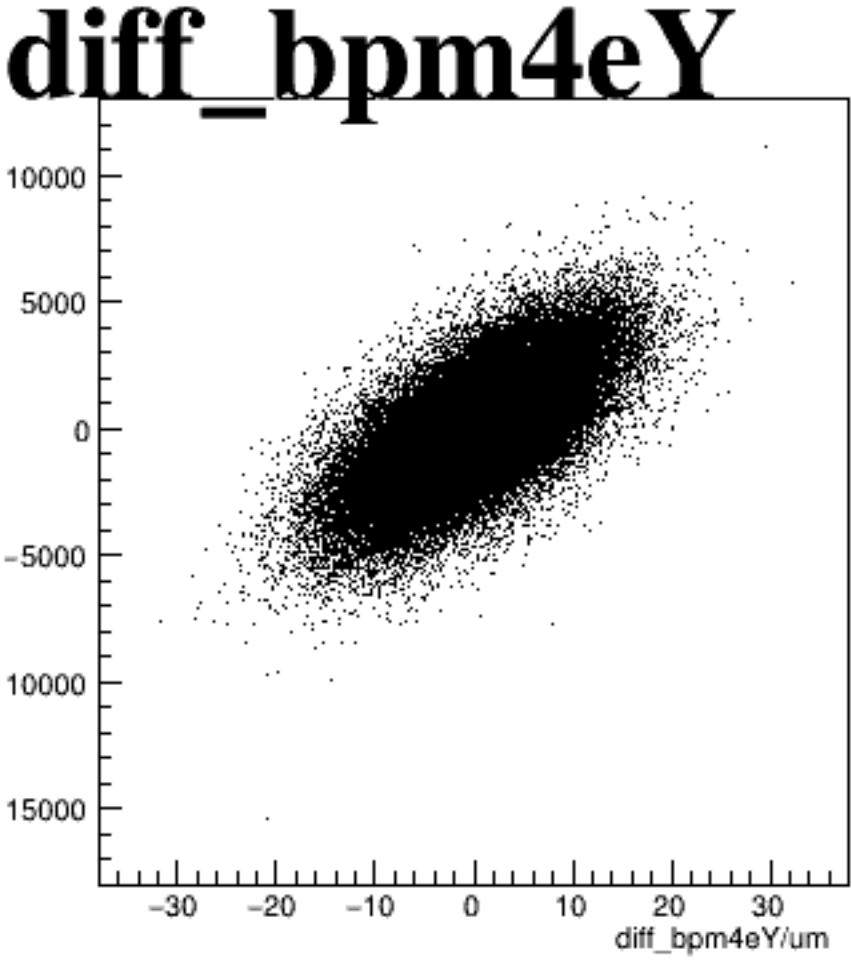
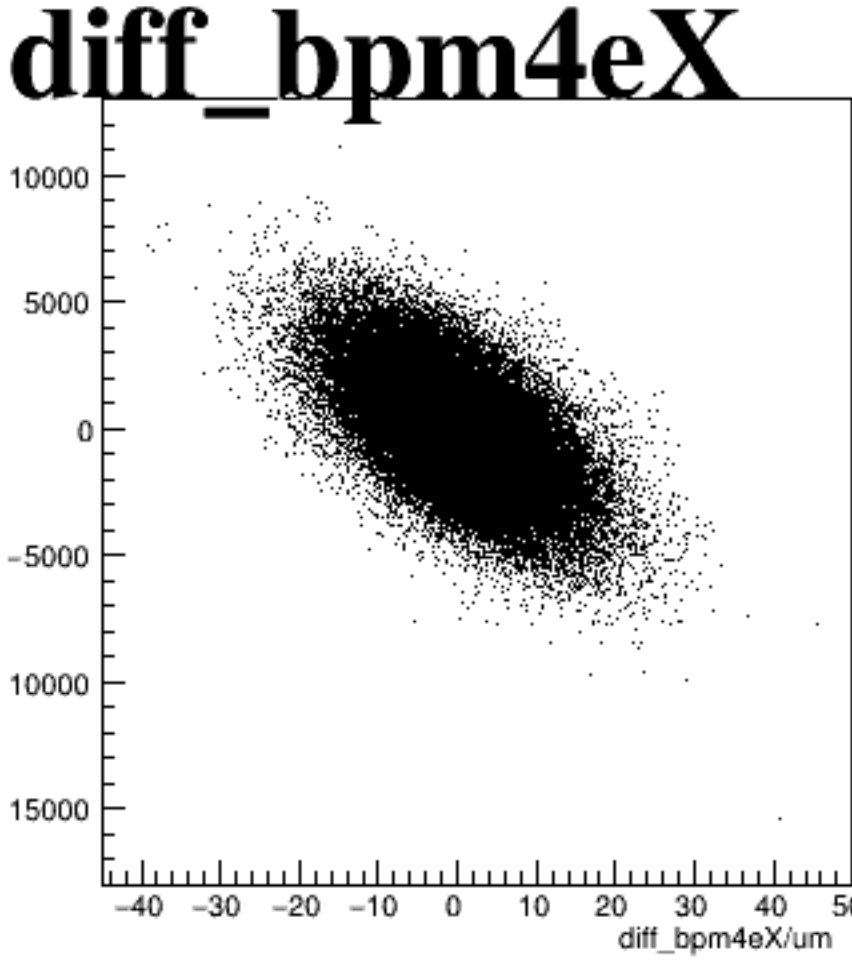
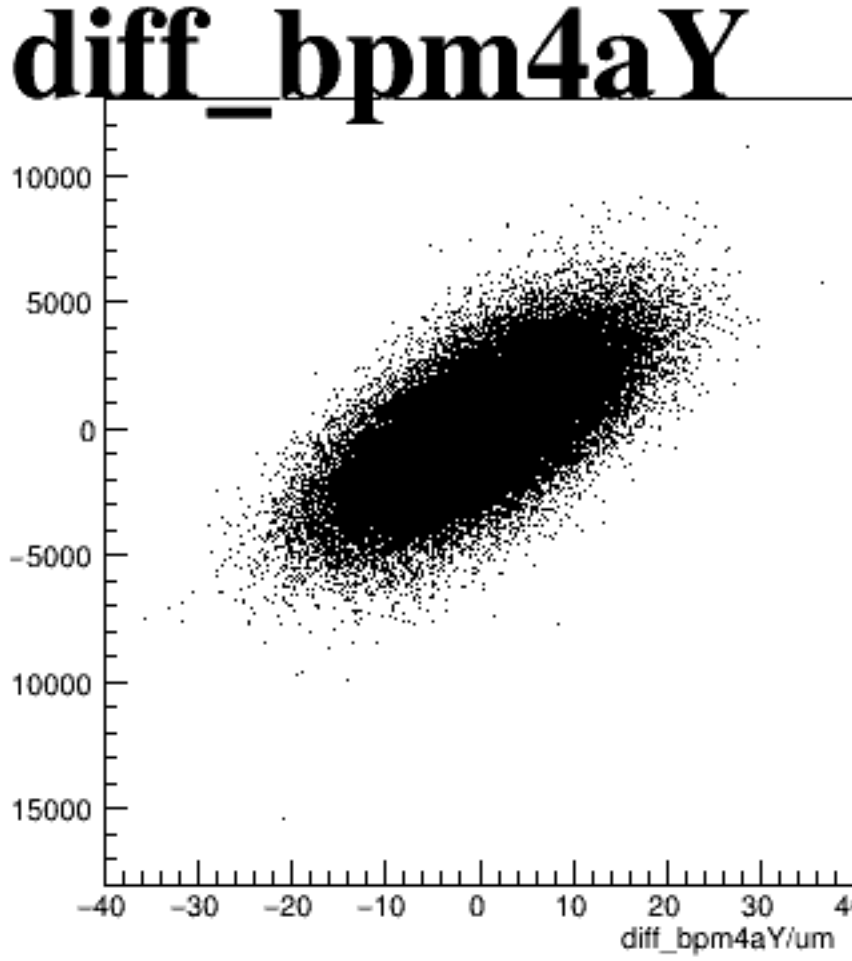
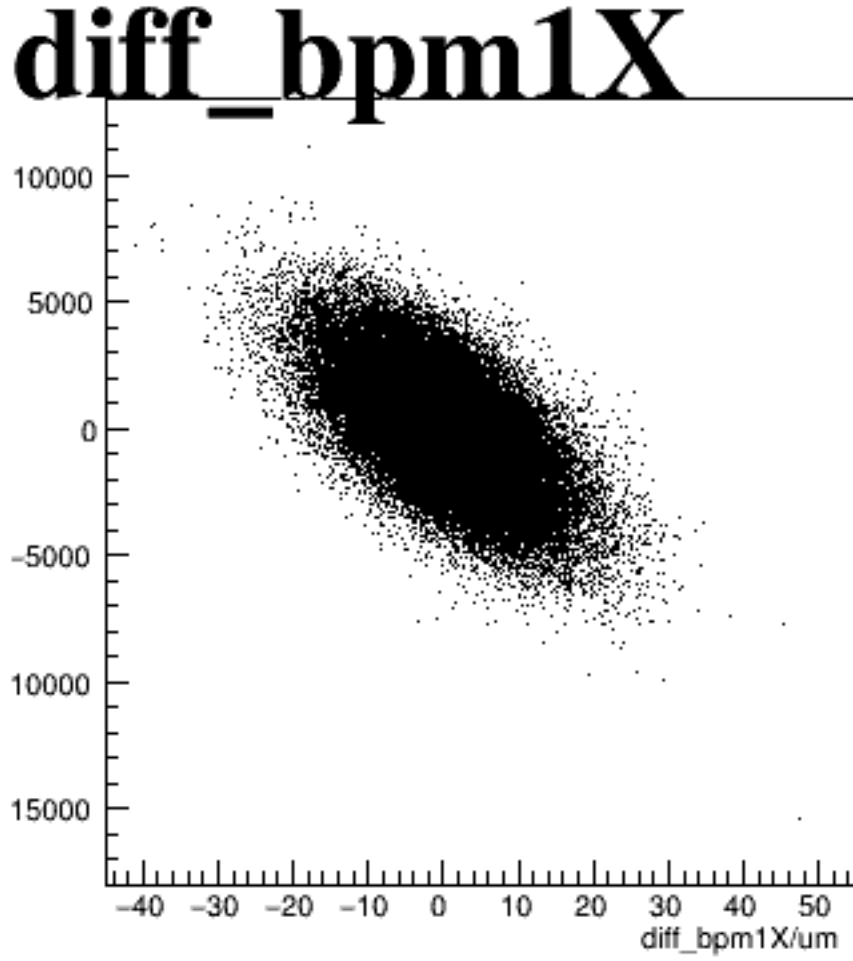
reg_asym_sam8



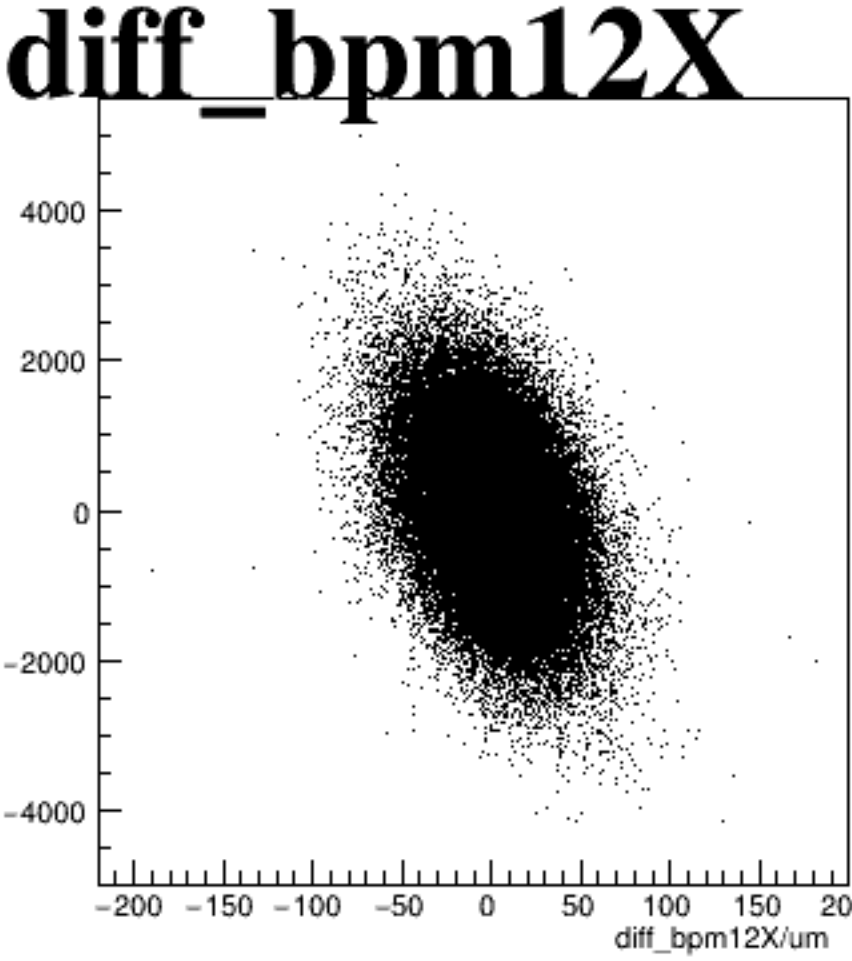
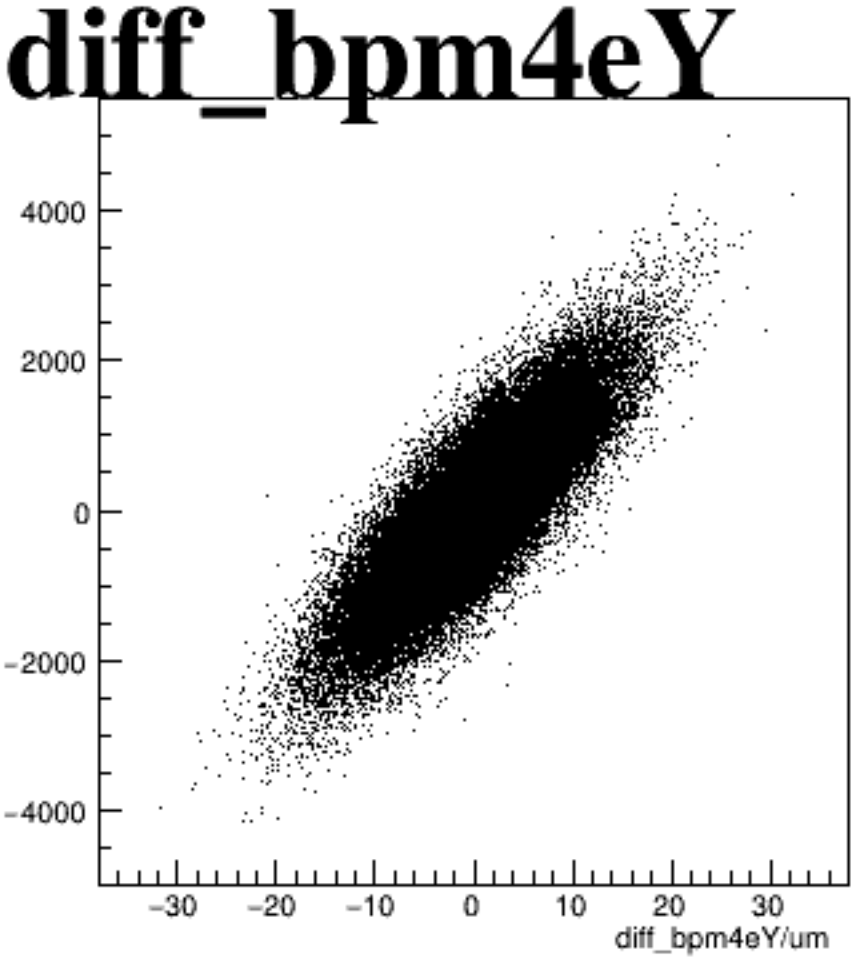
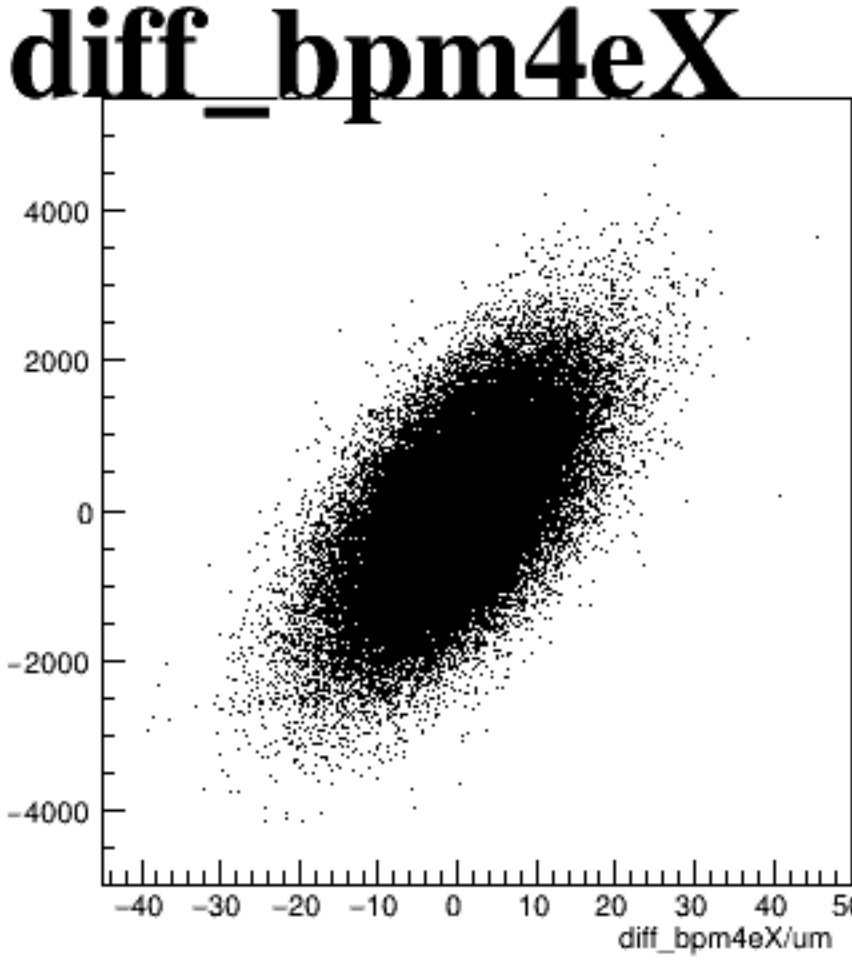
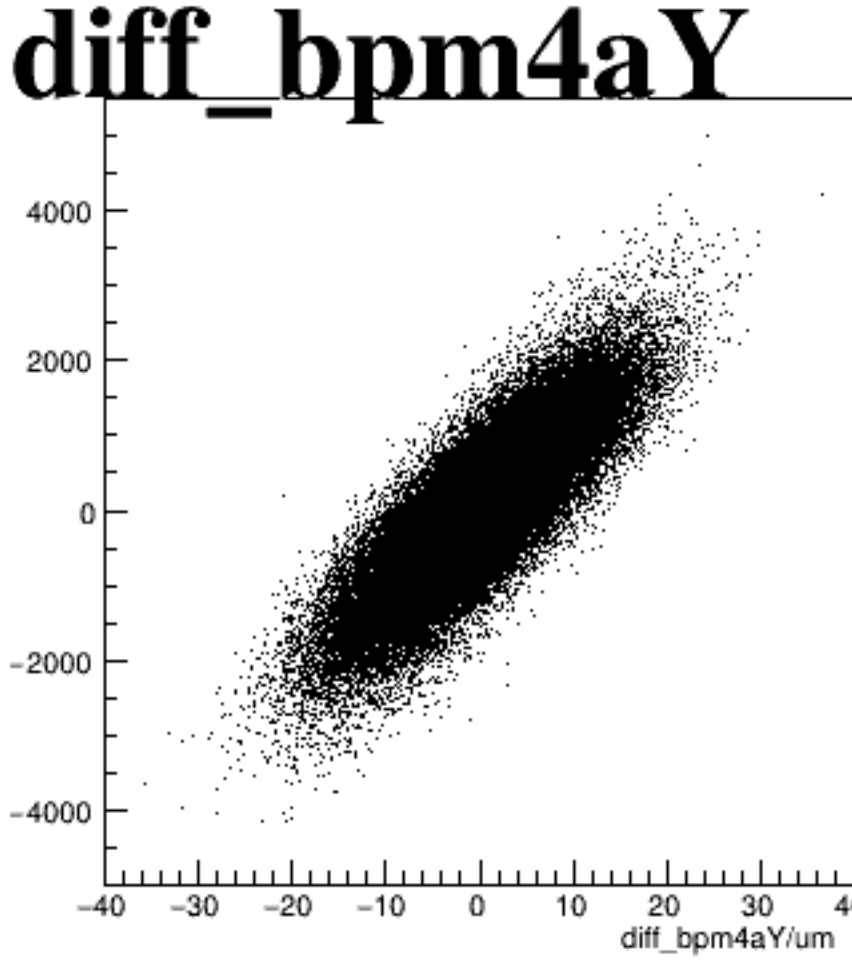
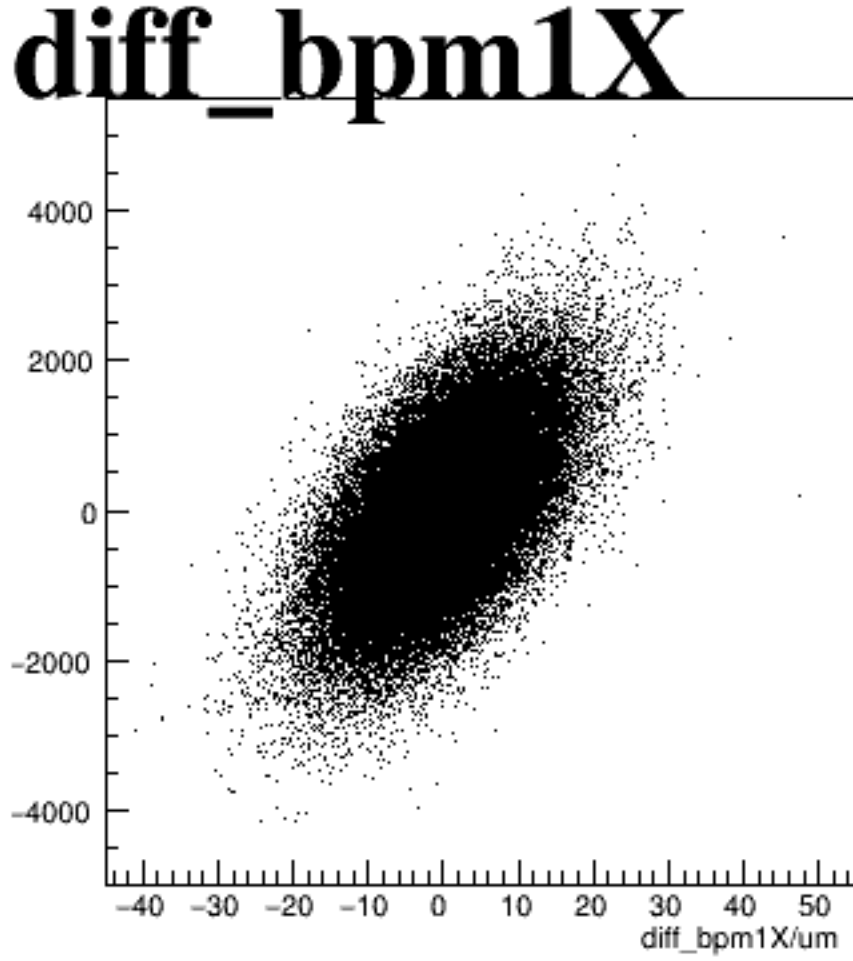
asym_sam2



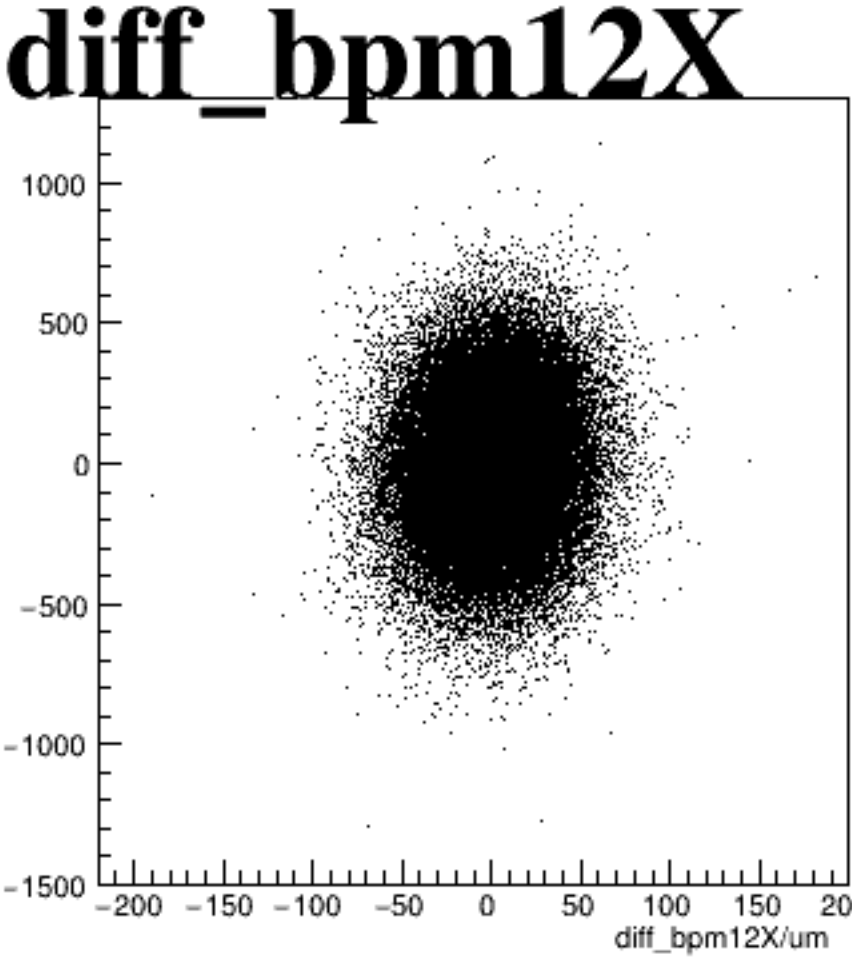
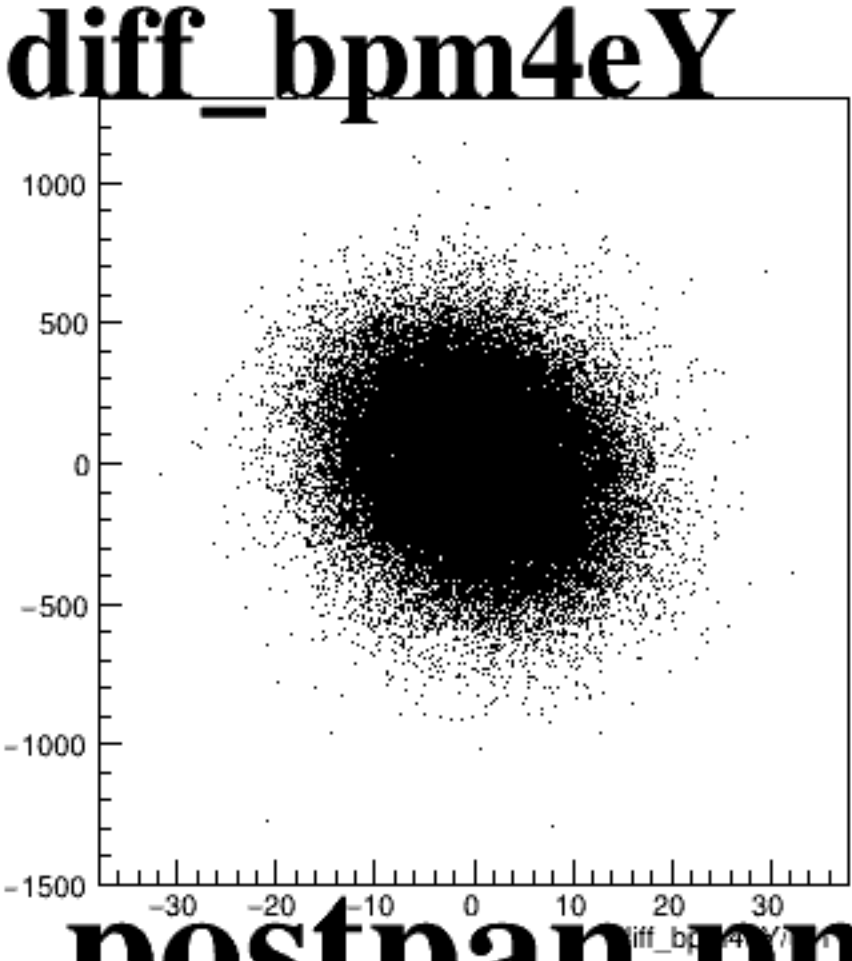
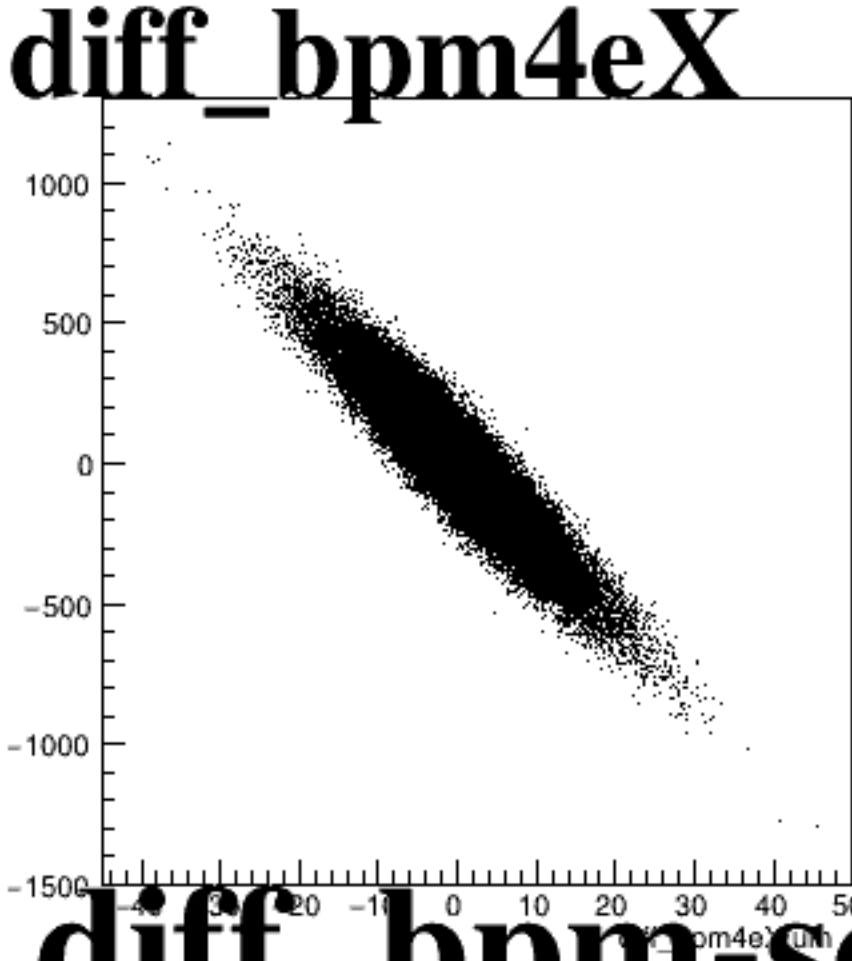
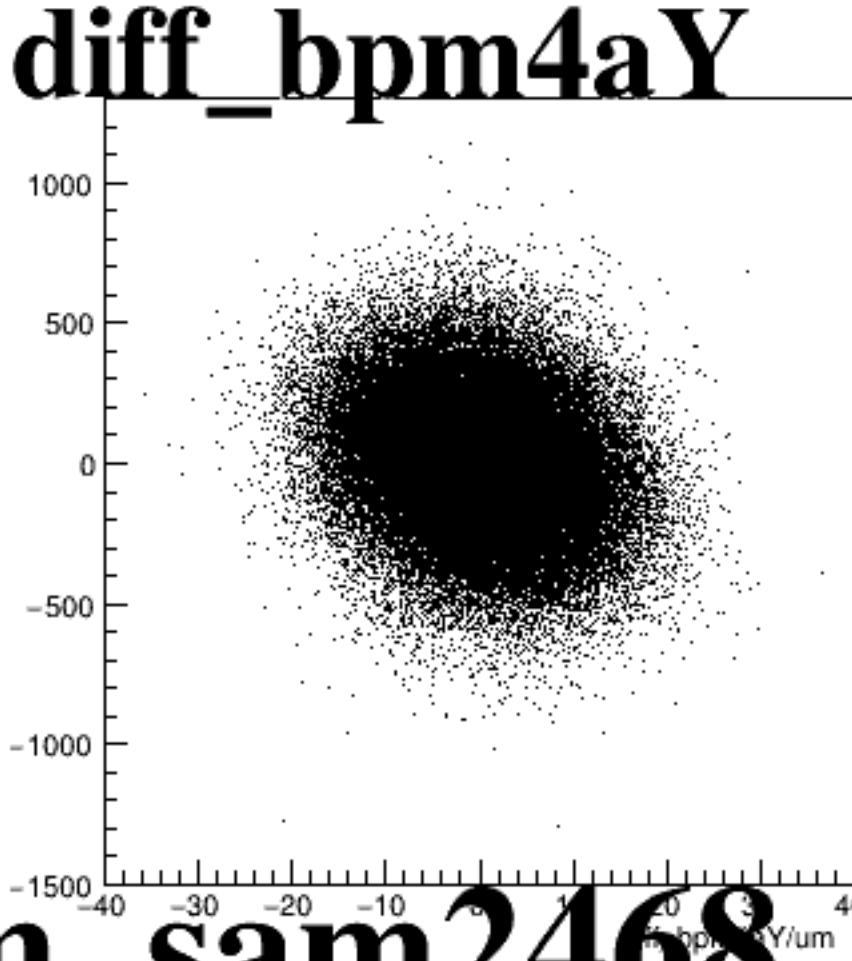
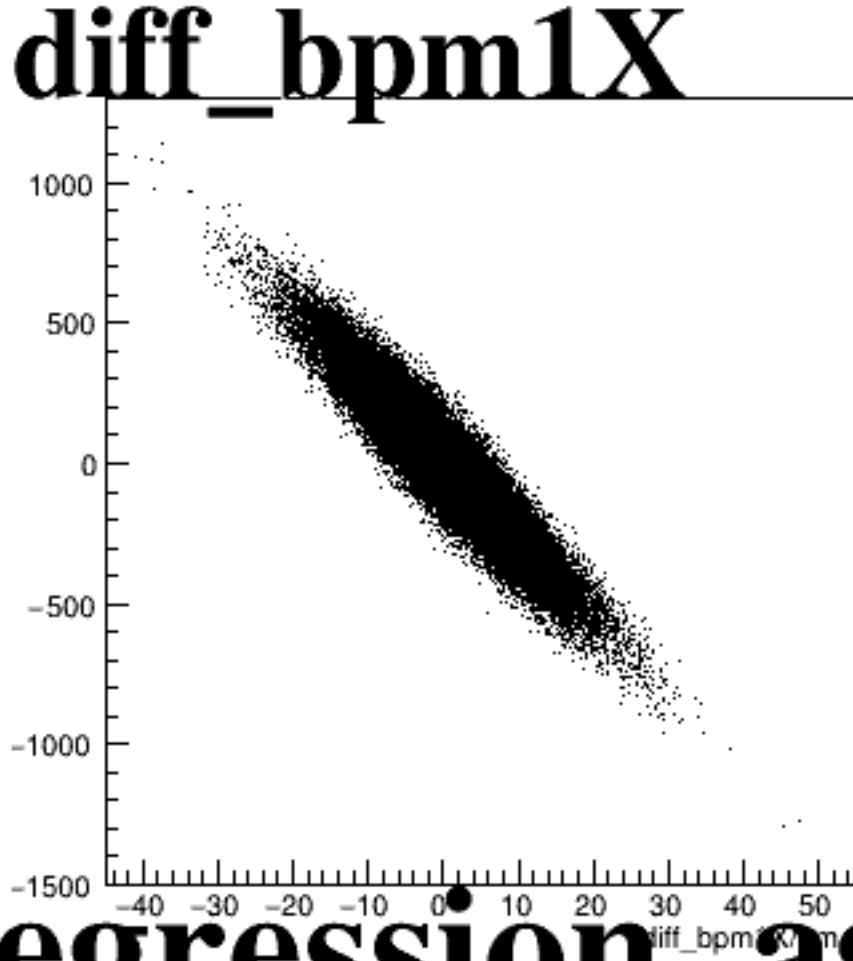
asym_sam4



asym_sam6



asym_sam8

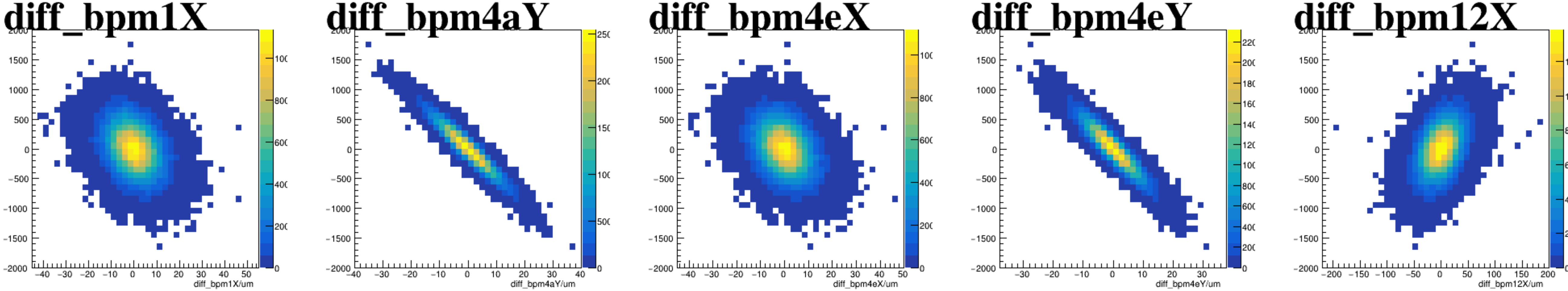


The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam size and position. The plots are arranged horizontally and labeled as follows:

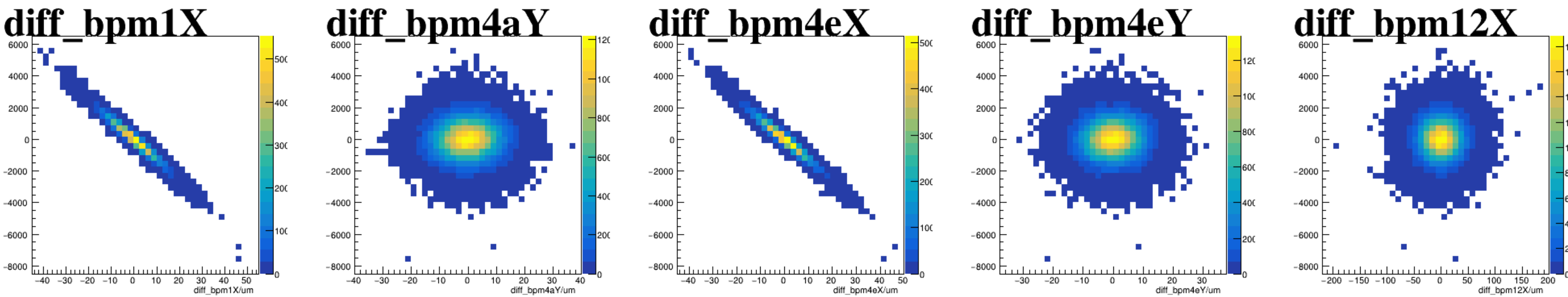
- diff_bpm1X**: Shows the difference in beam position measurements for a beam size of 1X. The x-axis ranges from -40 to 50, and the y-axis ranges from -1000 to 1500.
- diff_bpm4aY**: Shows the difference in beam position measurements for a beam size of 4aY. The x-axis ranges from -40 to 40, and the y-axis ranges from -1000 to 1500.
- diff_bpm4eX**: Shows the difference in beam position measurements for a beam size of 4eX. The x-axis ranges from -40 to 50, and the y-axis ranges from -1000 to 1500.
- 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 -1000 to 1500.
- diff_bpm12X**: Shows the difference in beam position measurements for a beam size of 12X. The x-axis ranges from -200 to 200, and the y-axis ranges from -1000 to 1500.

Each plot shows a dense cloud of points centered around zero, indicating the distribution of differences between measurements. The x-axis for each plot is labeled with the corresponding beam size and position (e.g., diff_bpm1X/um, diff_bpm4aY/um, etc.).

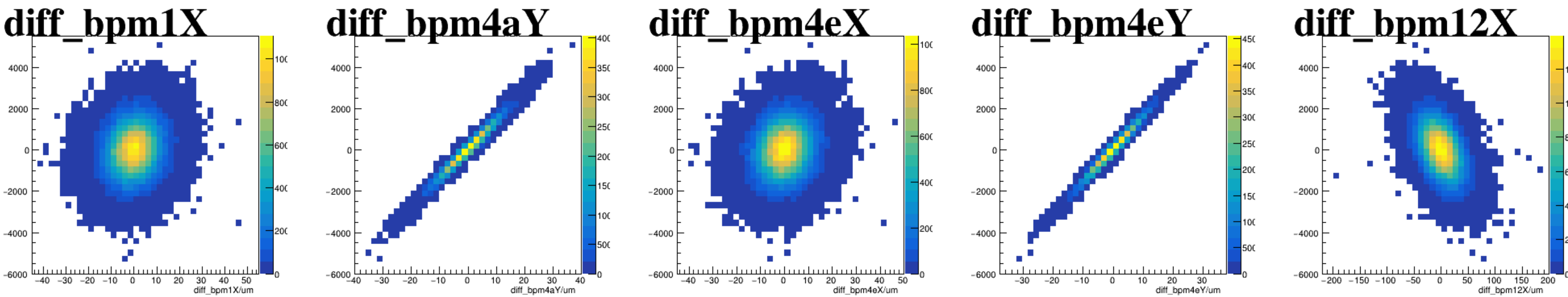
asym_sam1



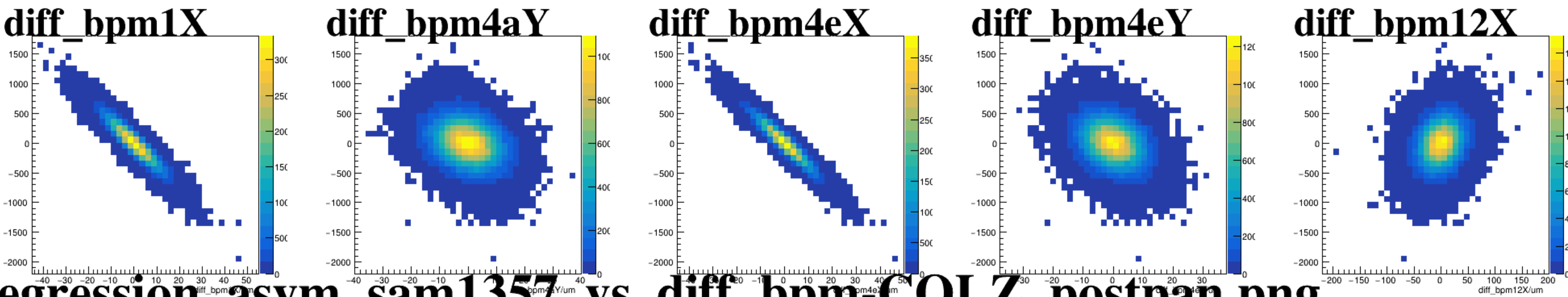
asym_sam3



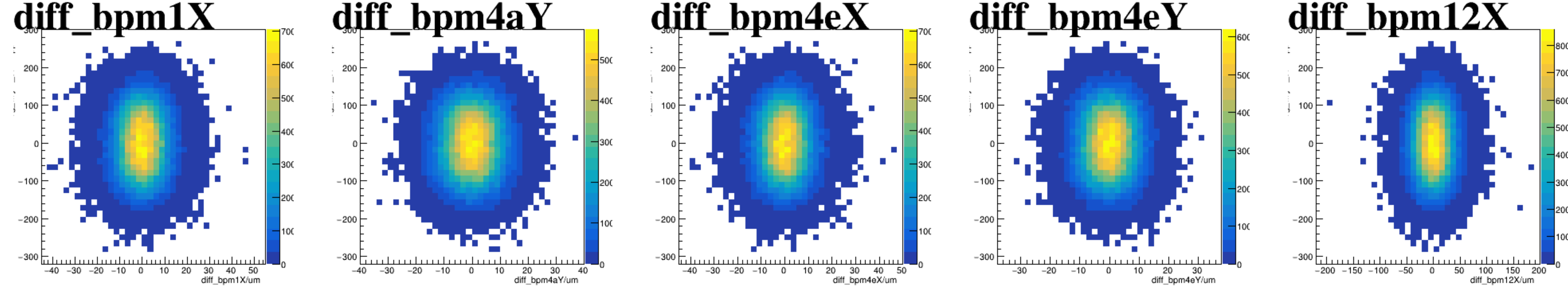
asym_sam5



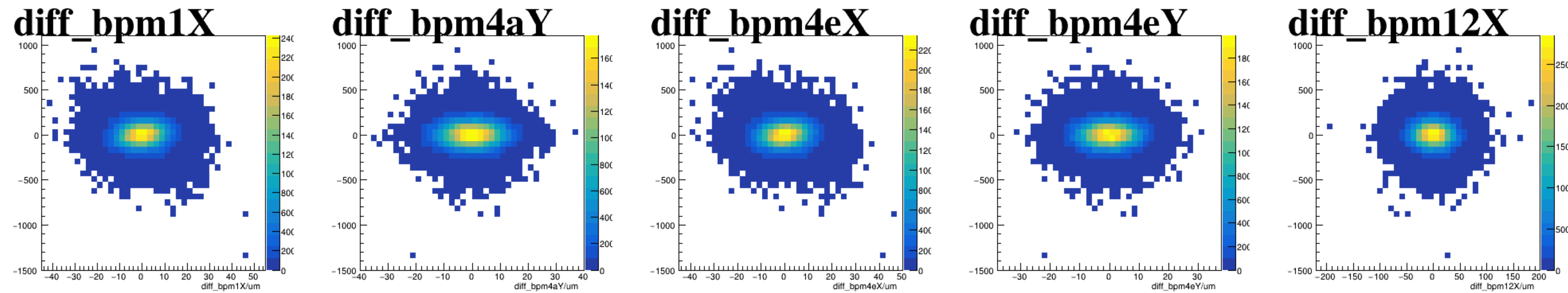
asym_sam7



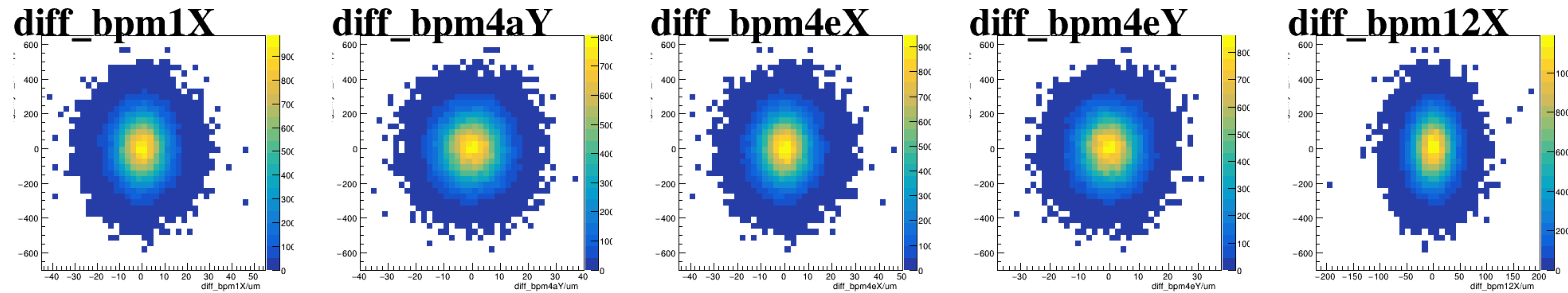
reg_asym_sam1



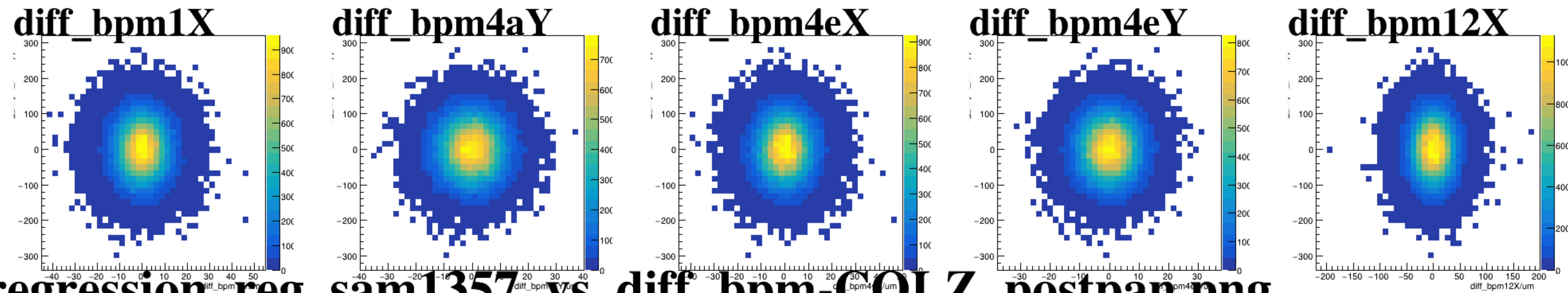
reg_asym_sam3



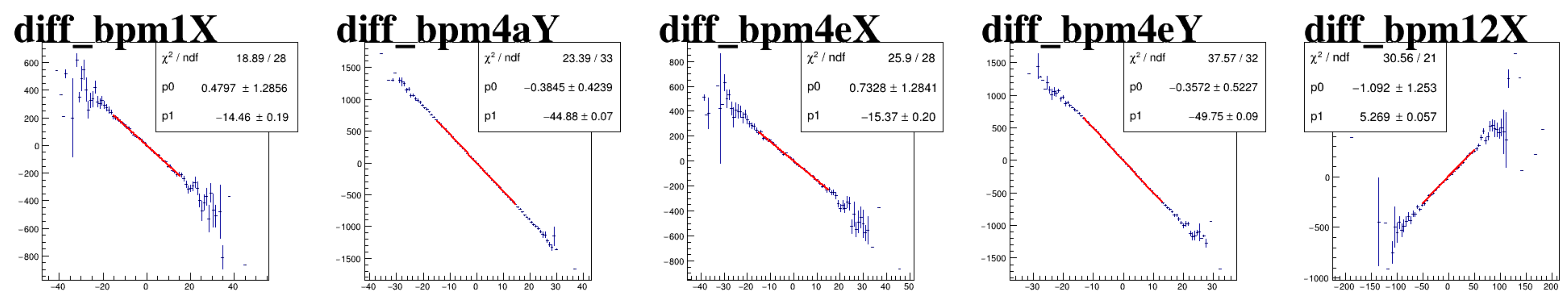
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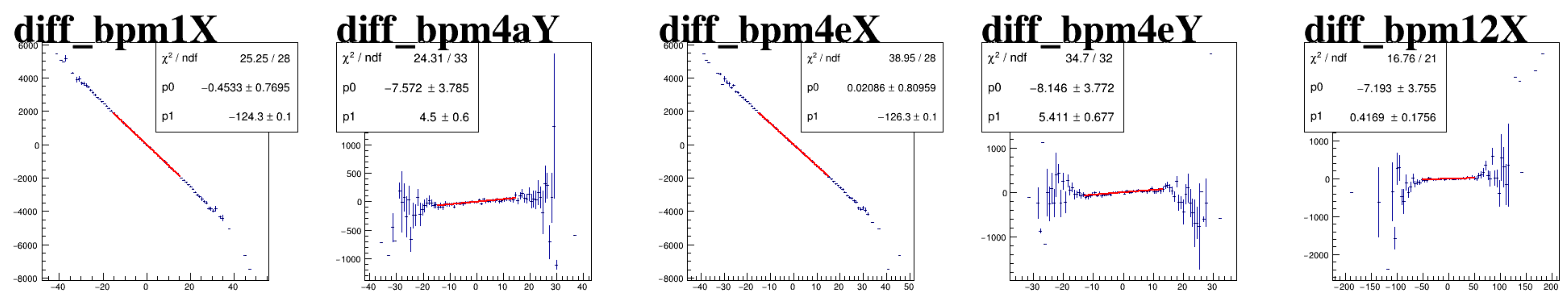
reg_asym_sam7



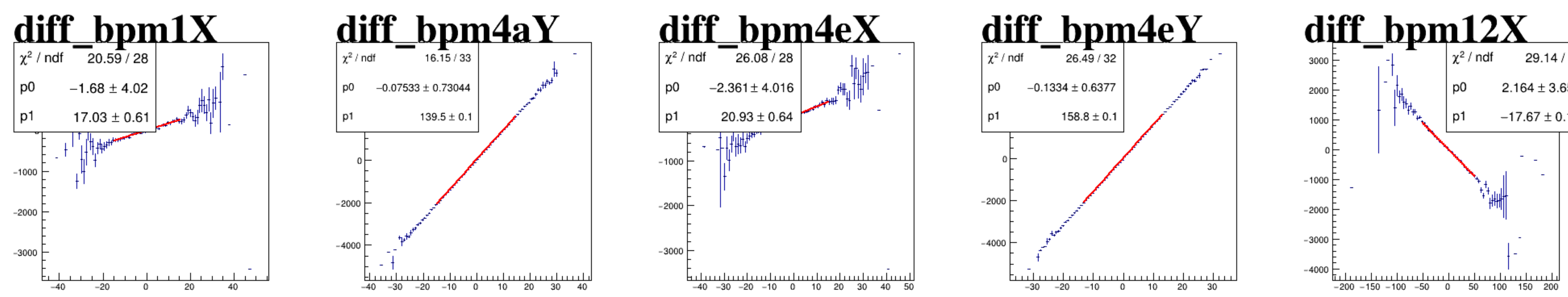
asym_sam1



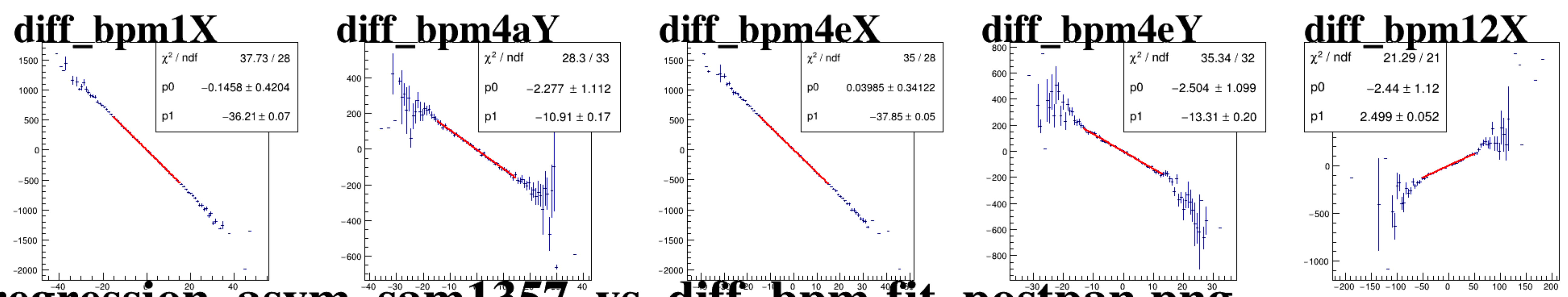
asym_sam3



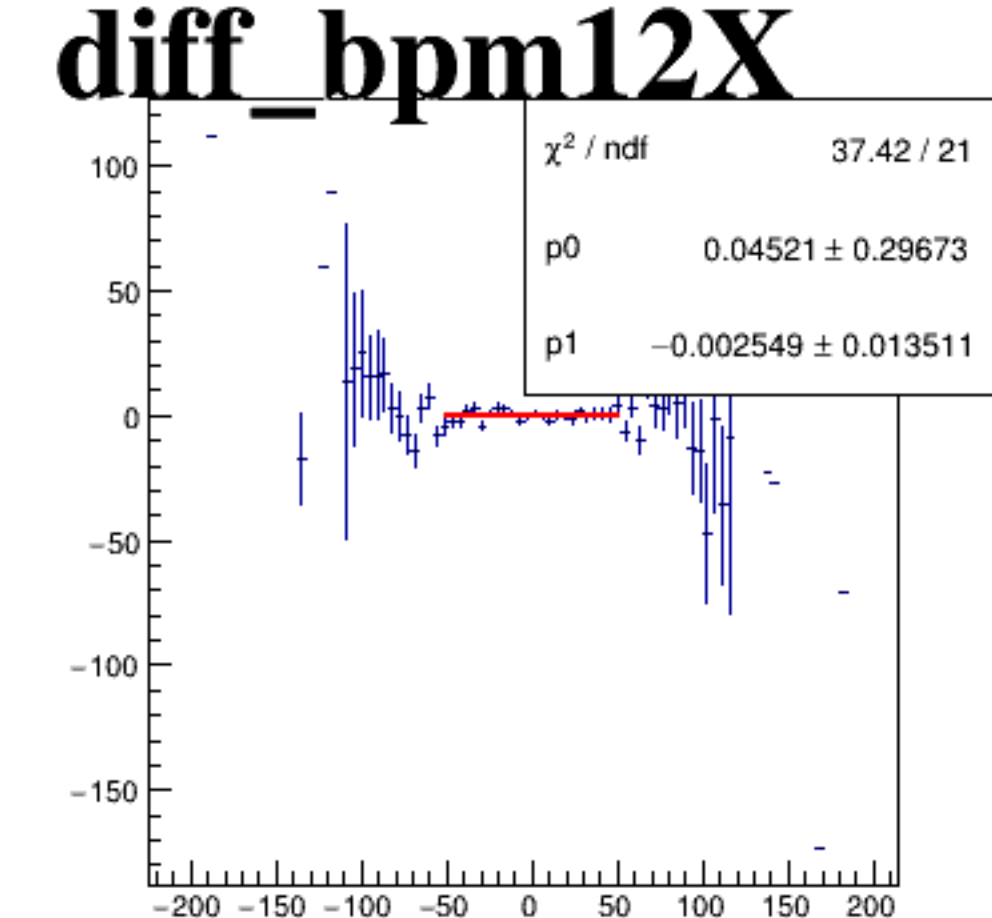
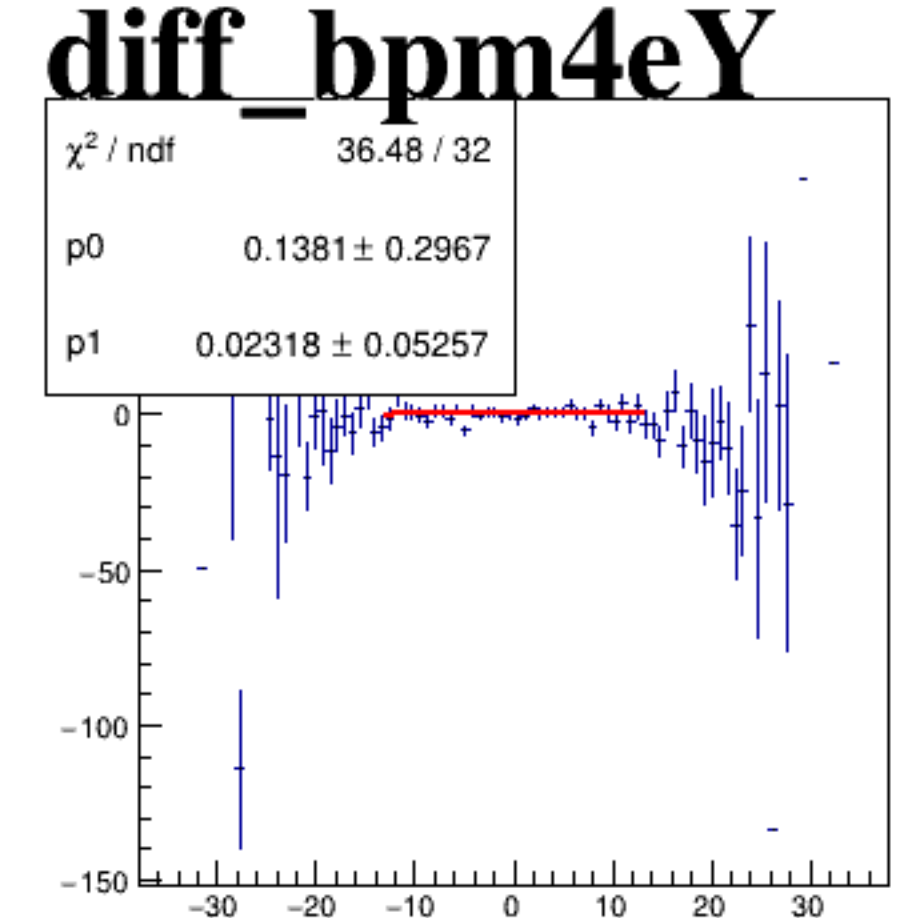
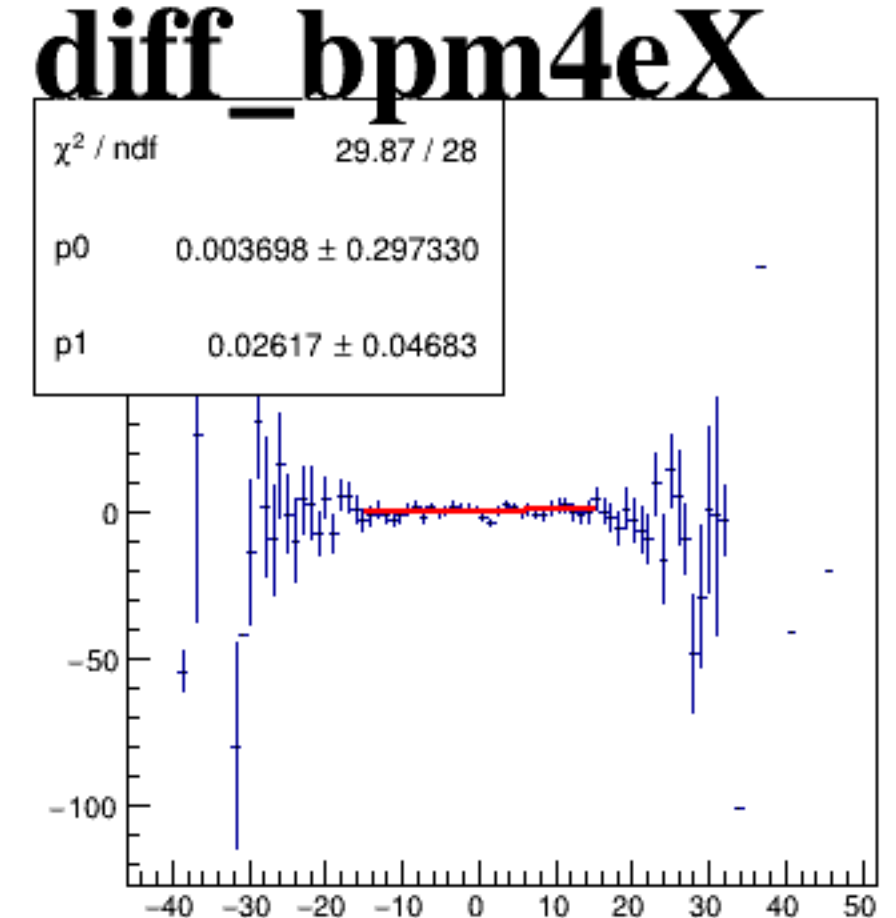
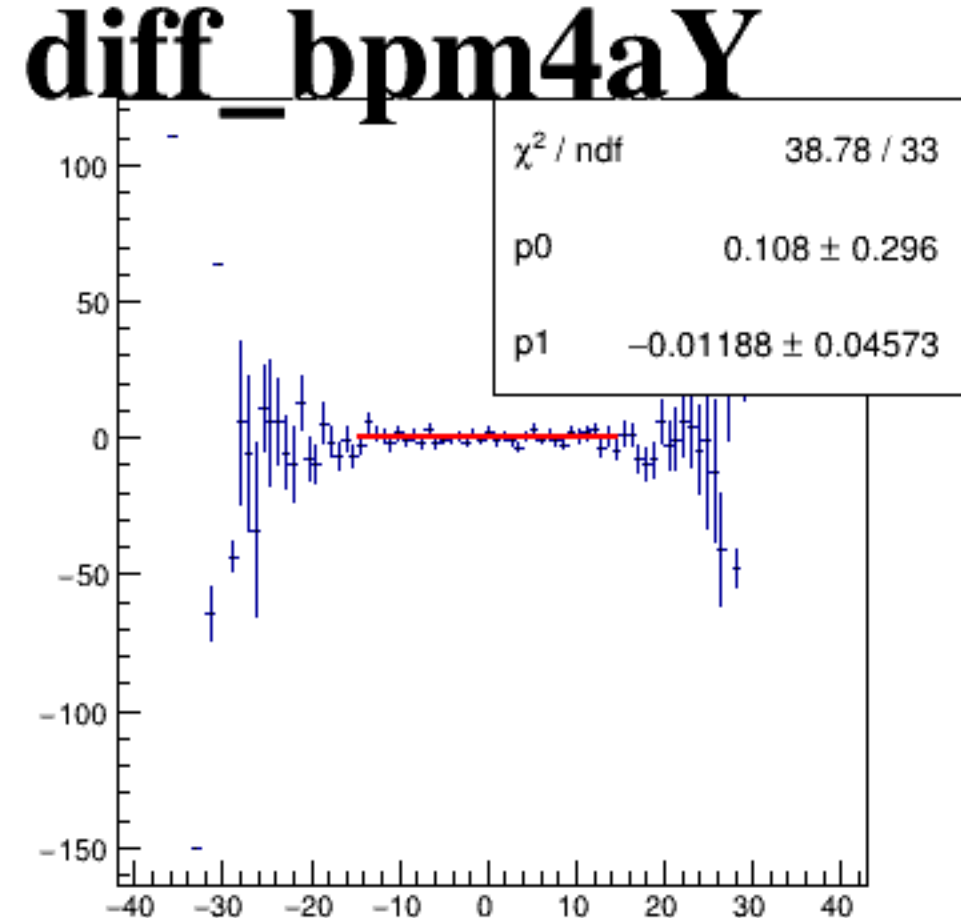
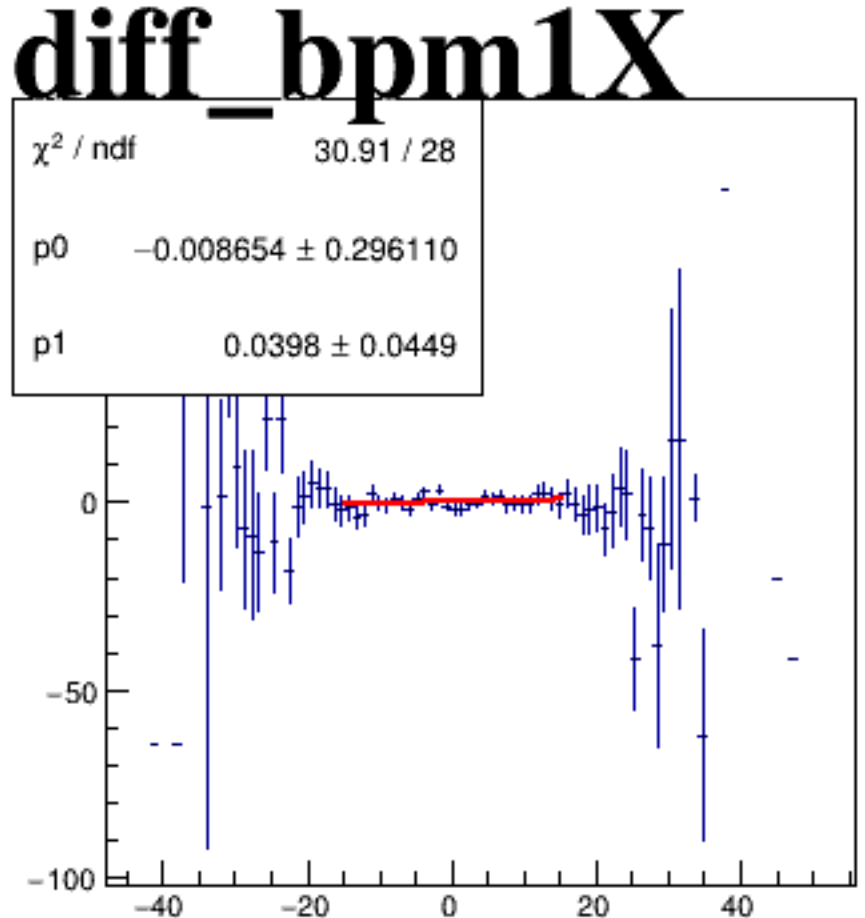
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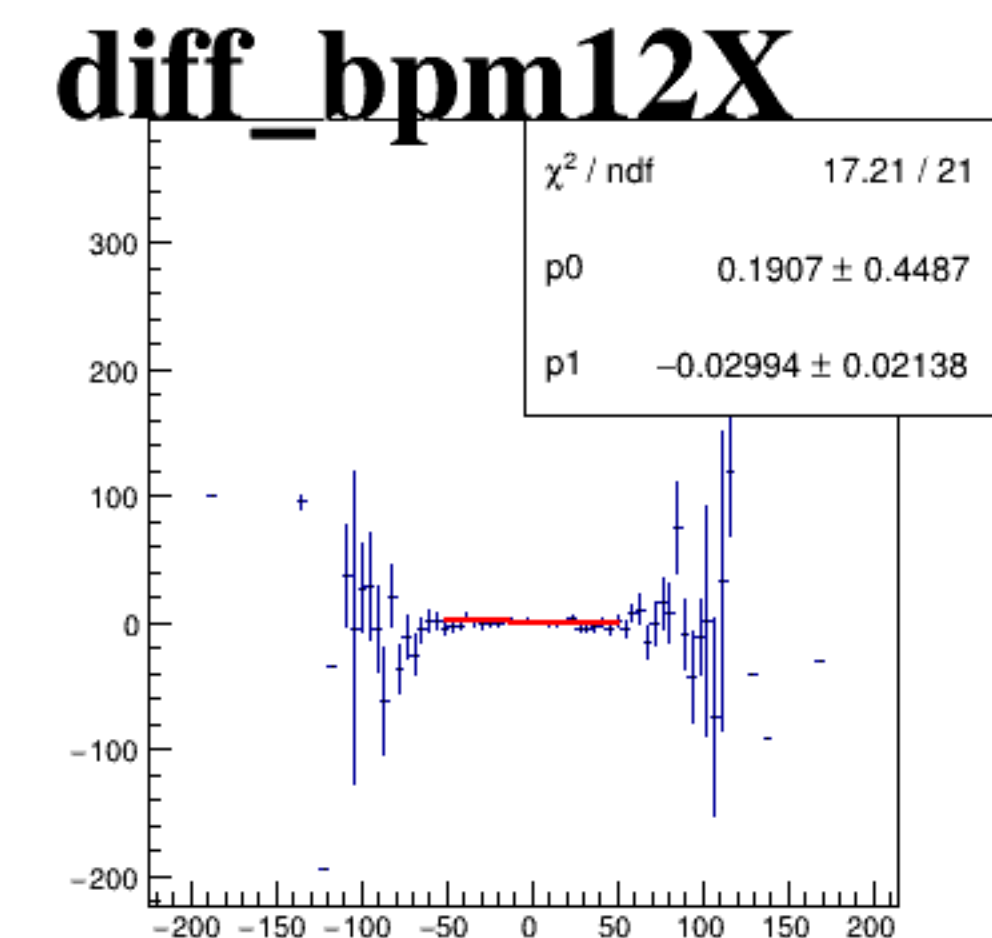
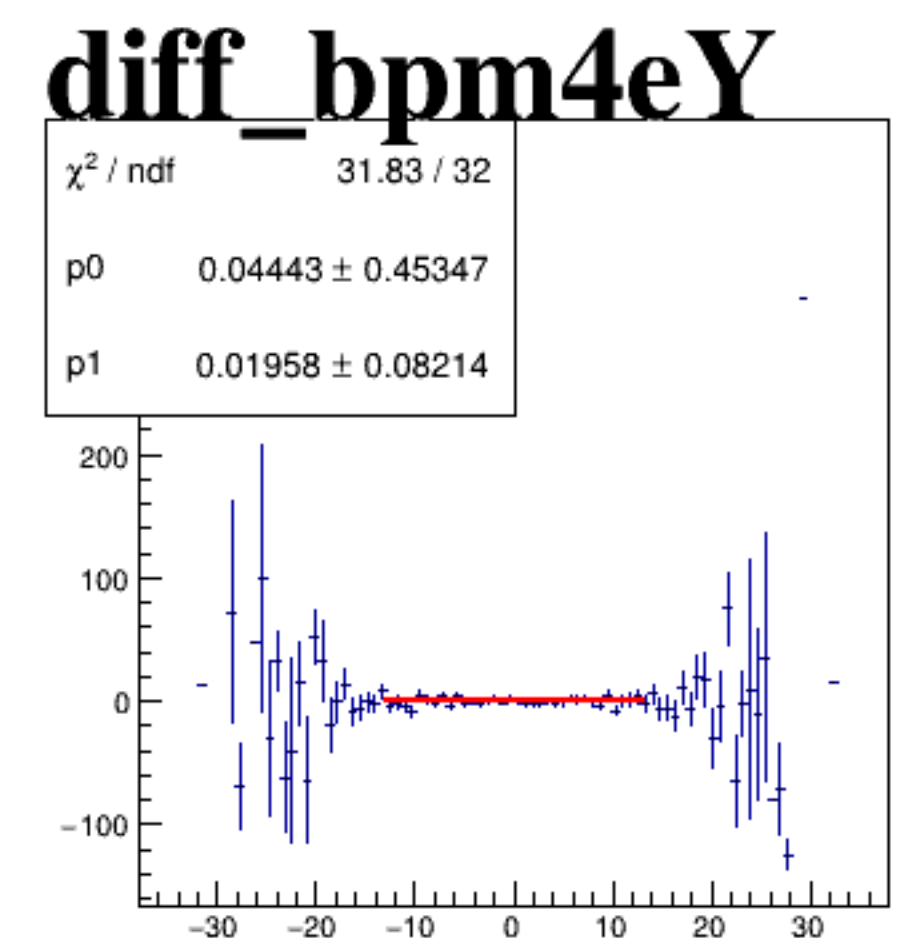
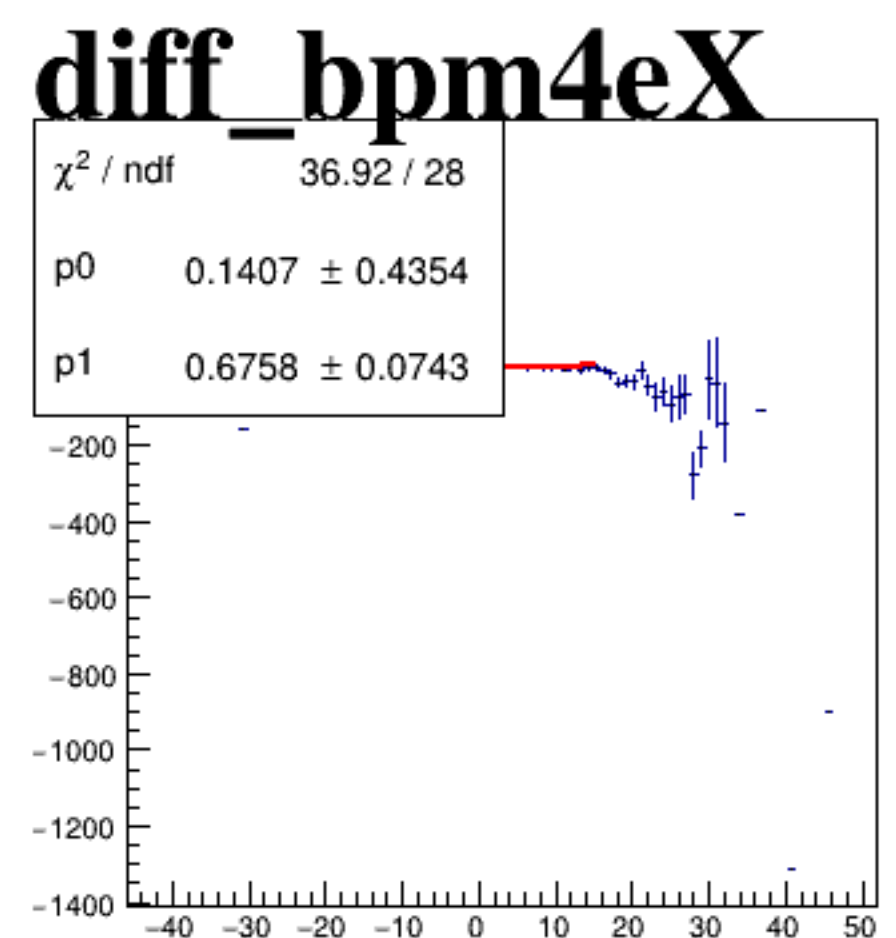
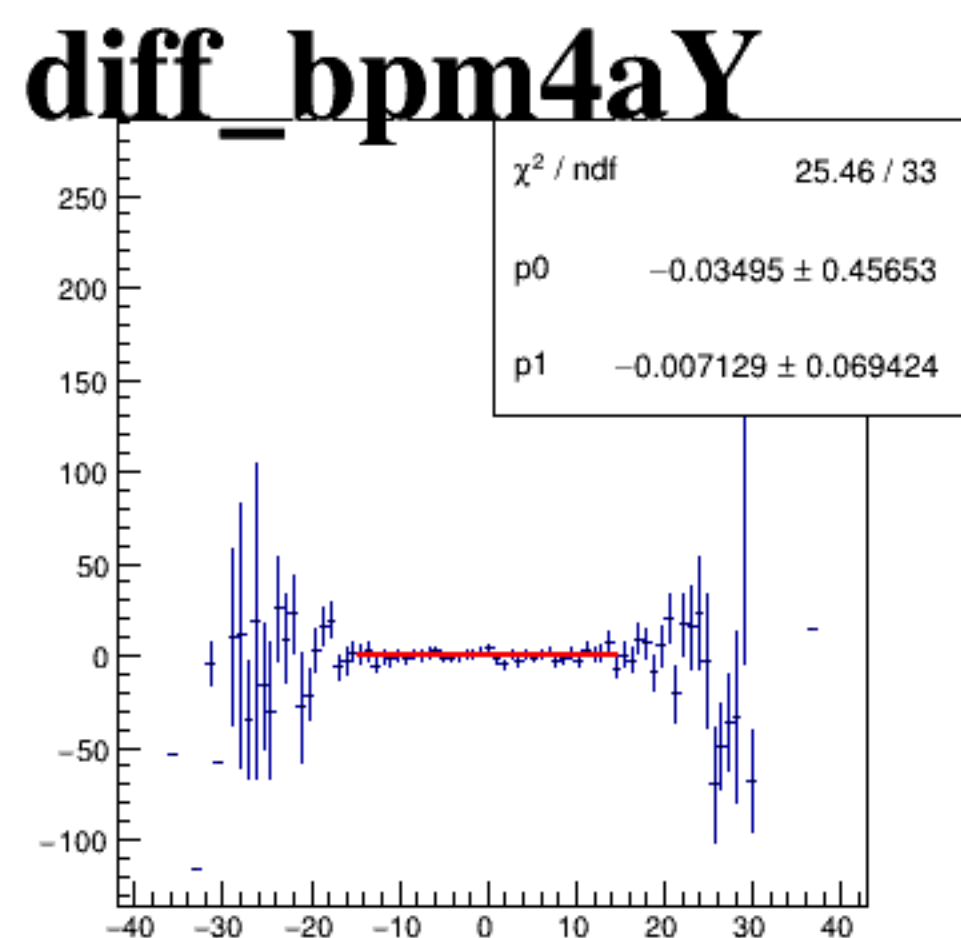
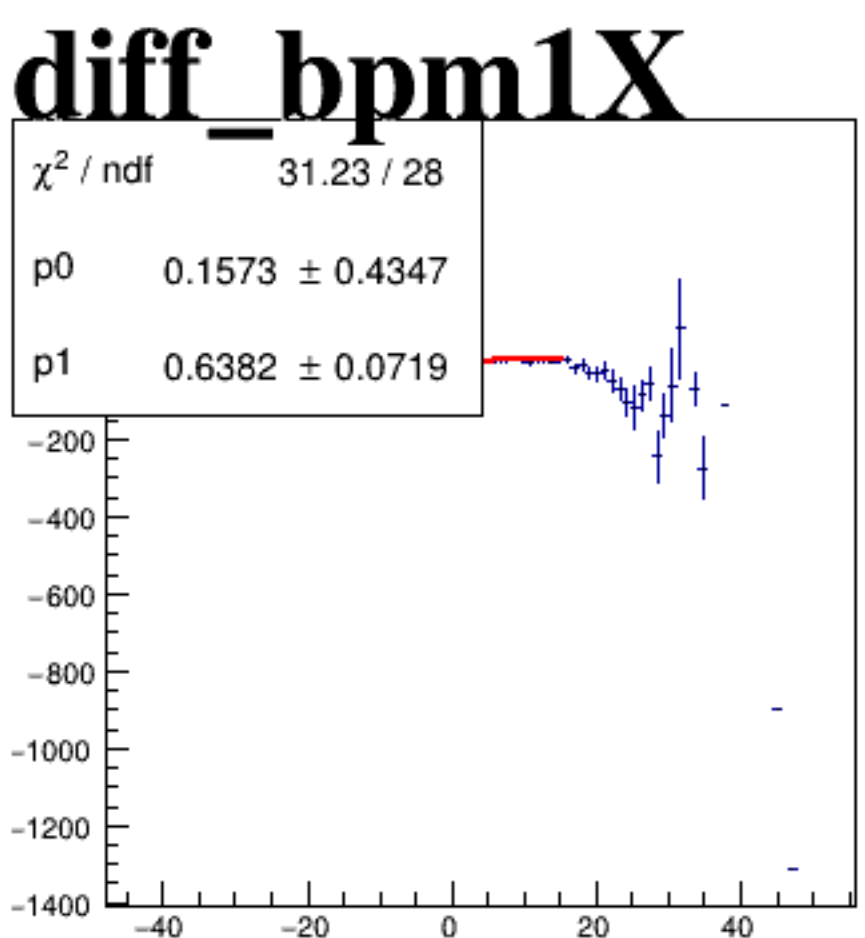
asym_sam7



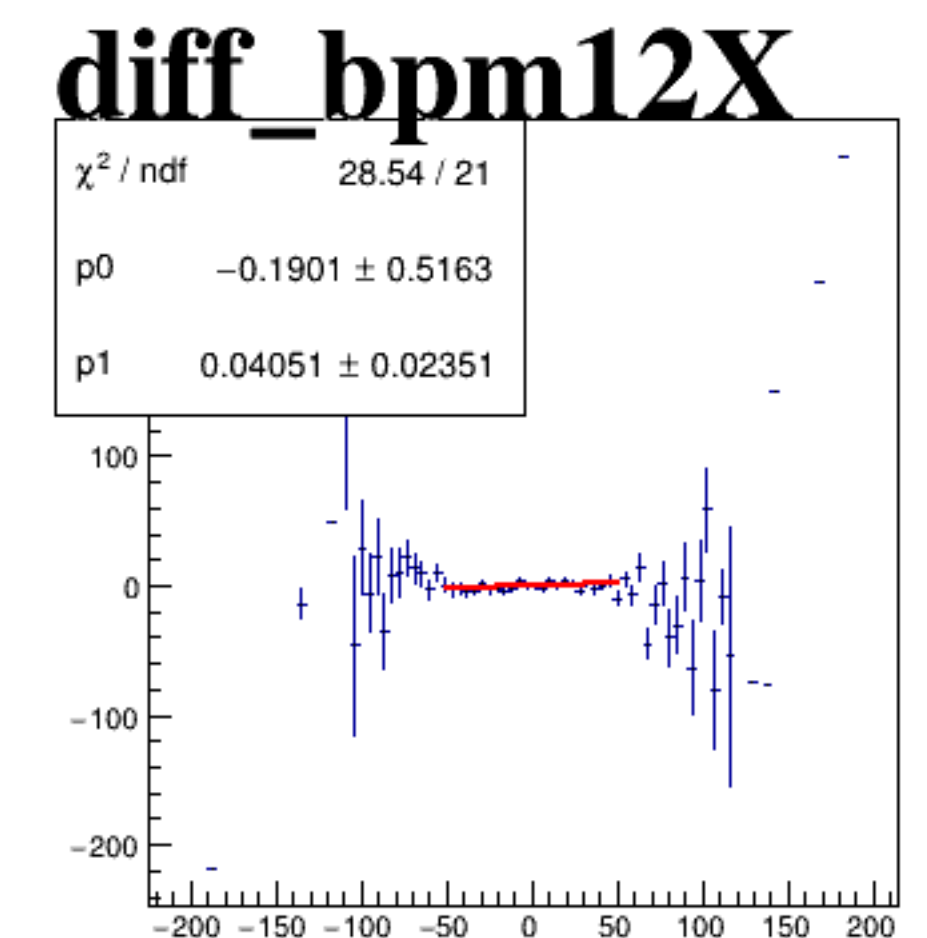
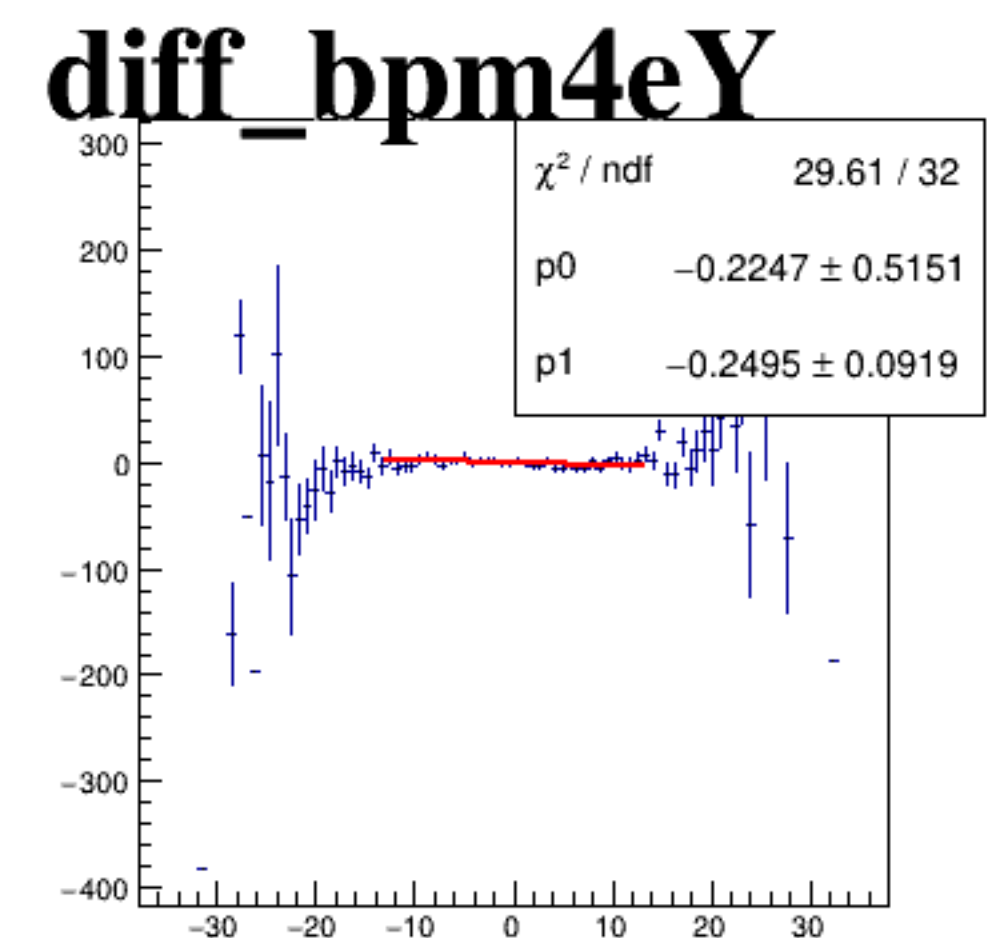
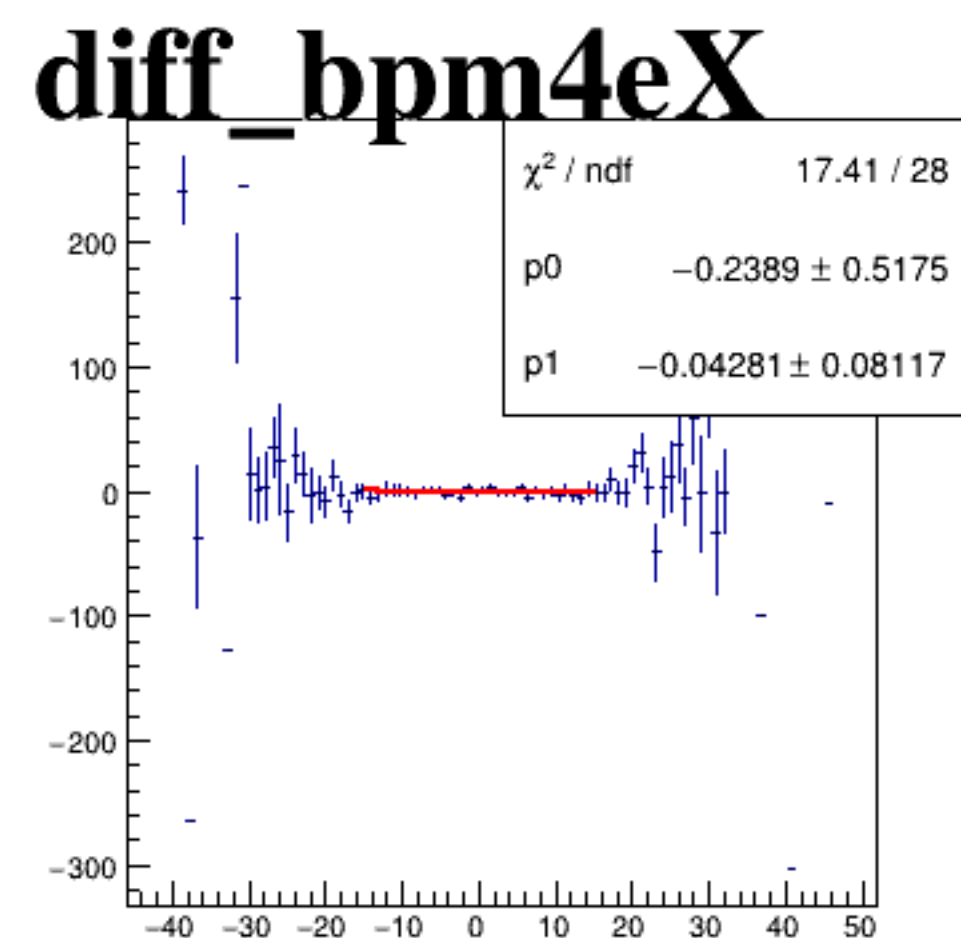
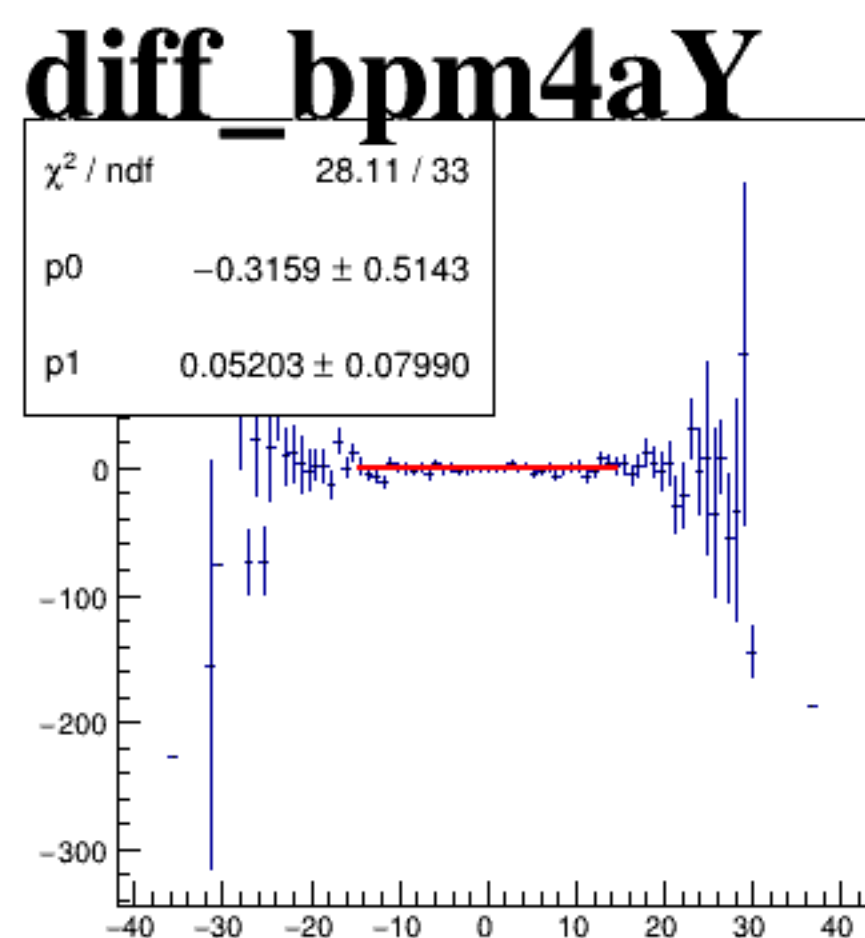
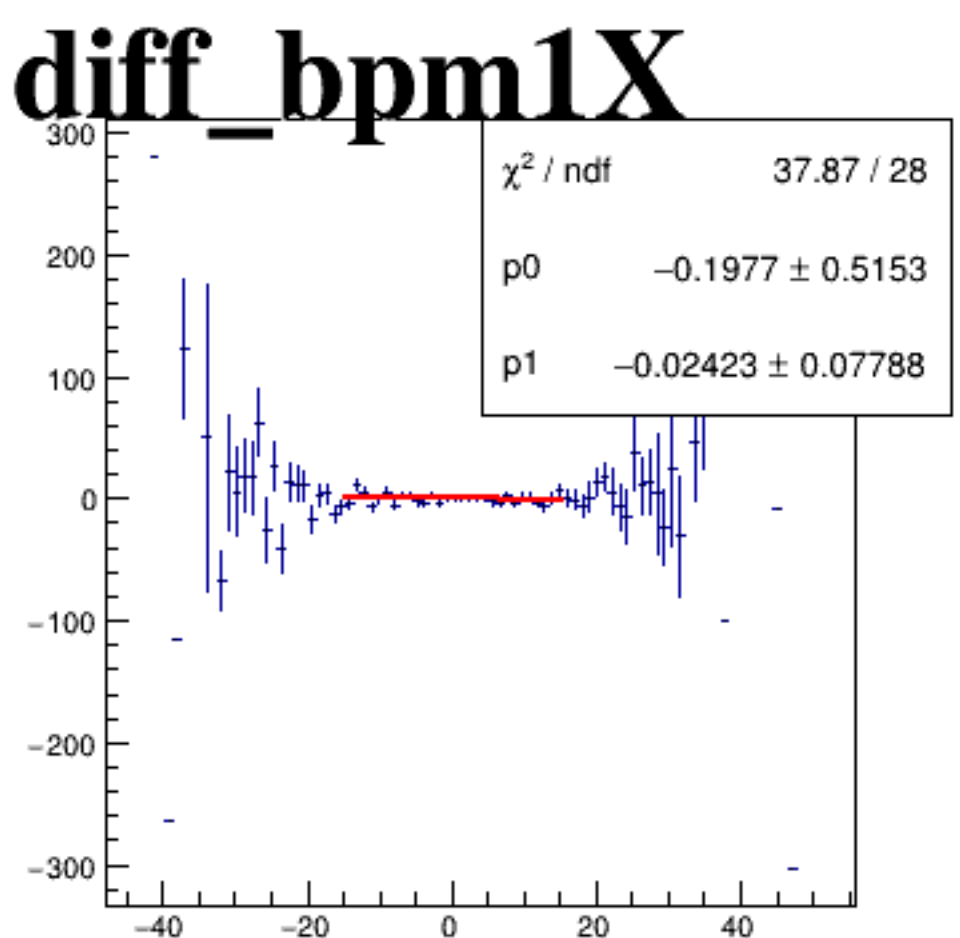
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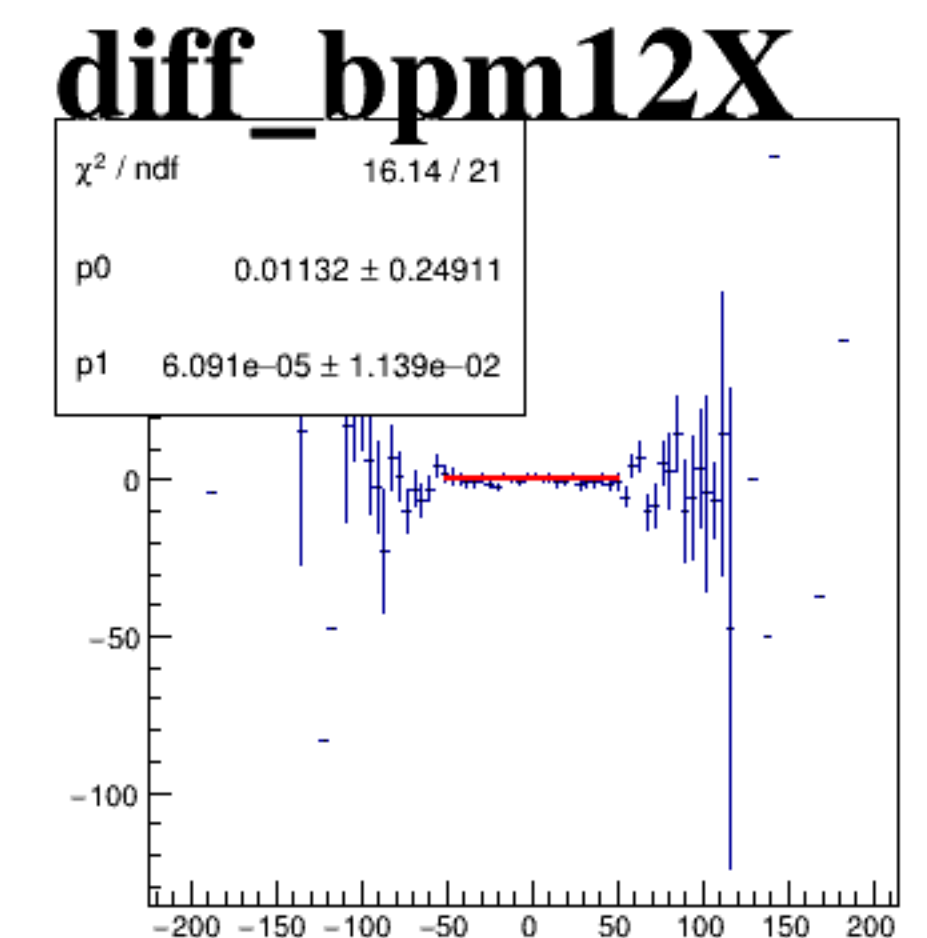
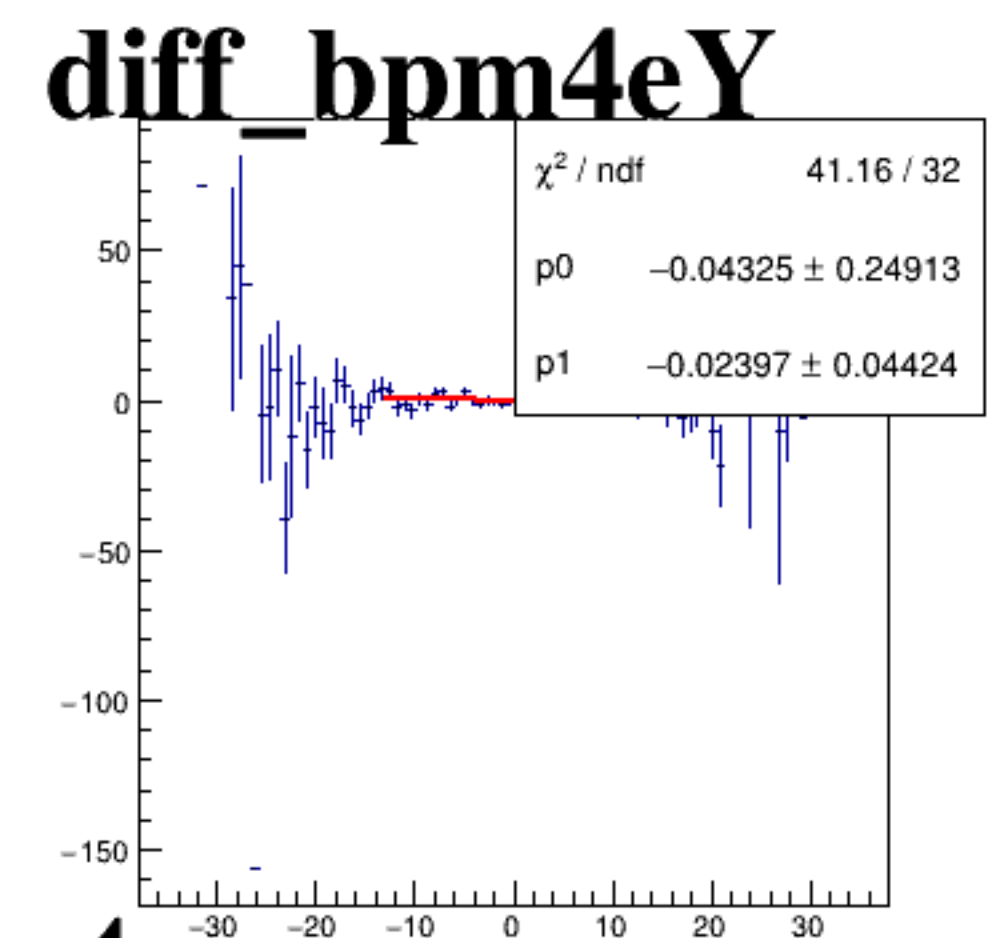
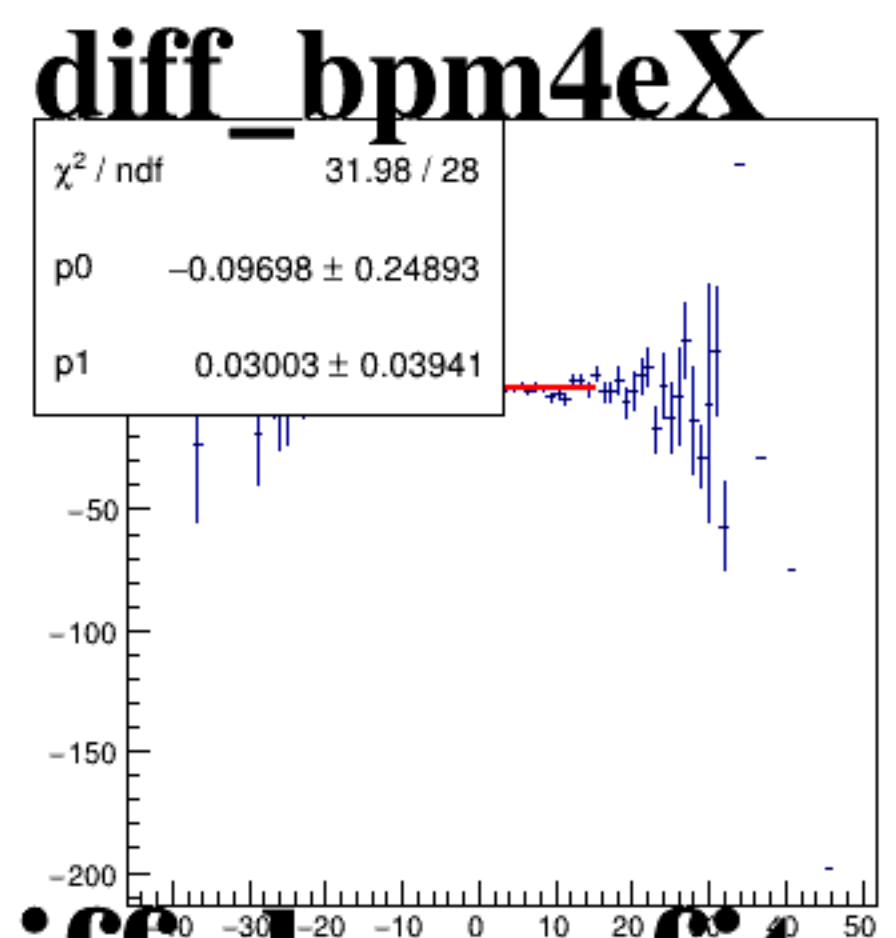
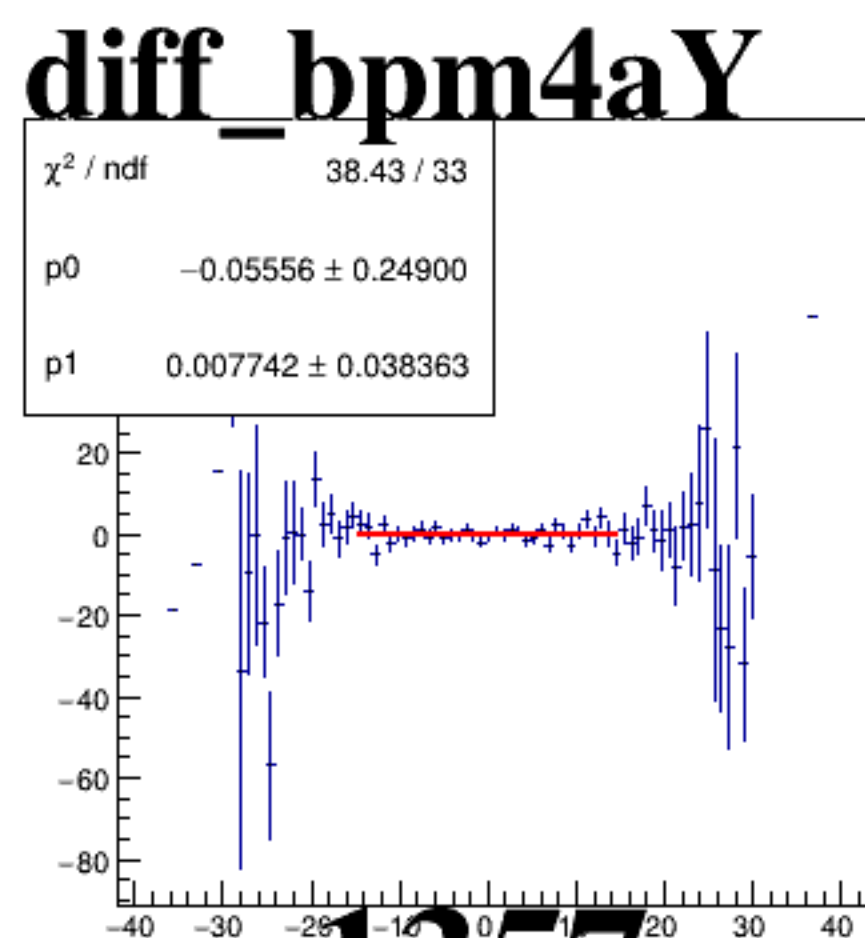
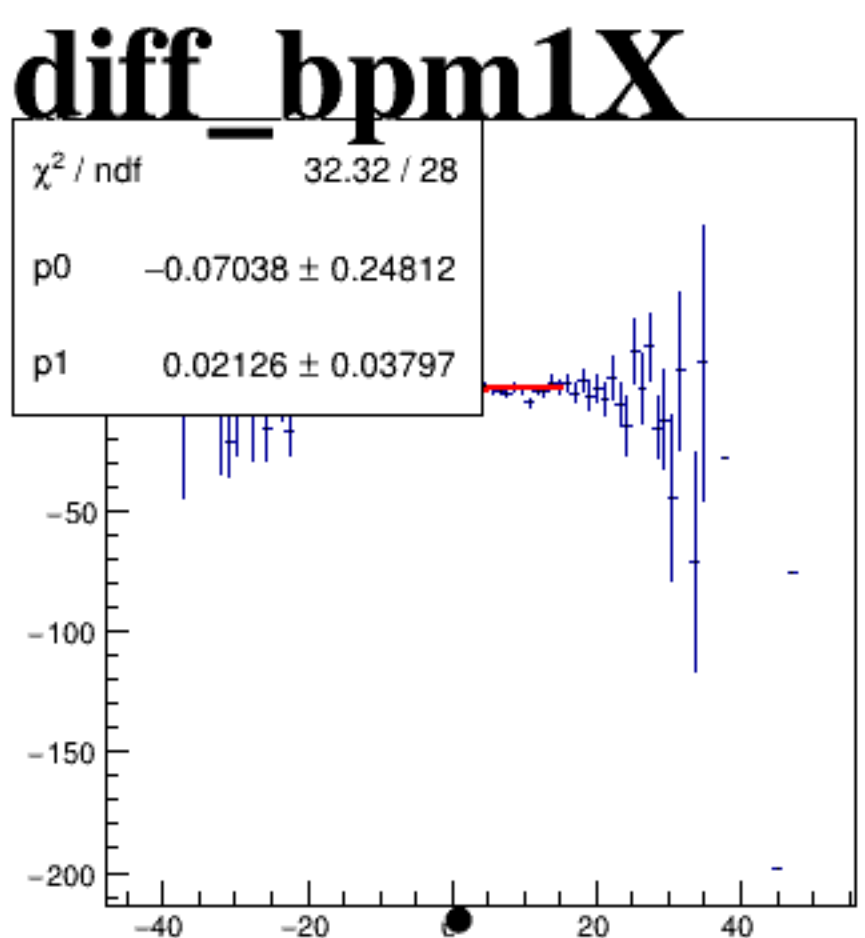
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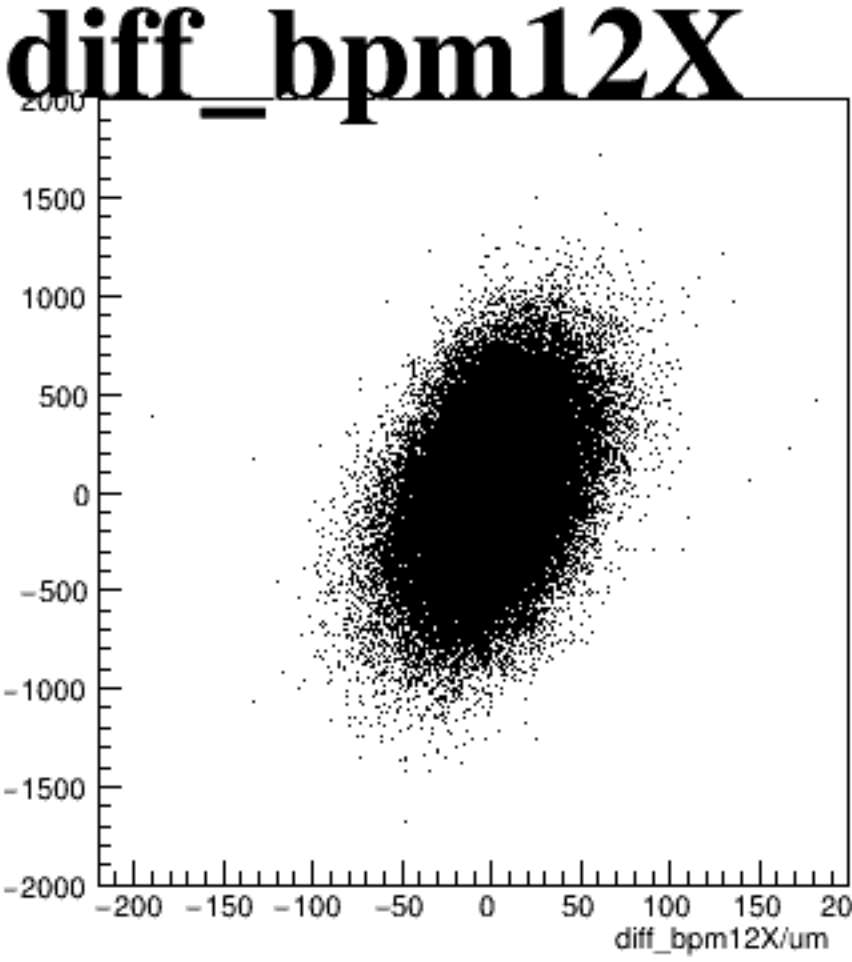
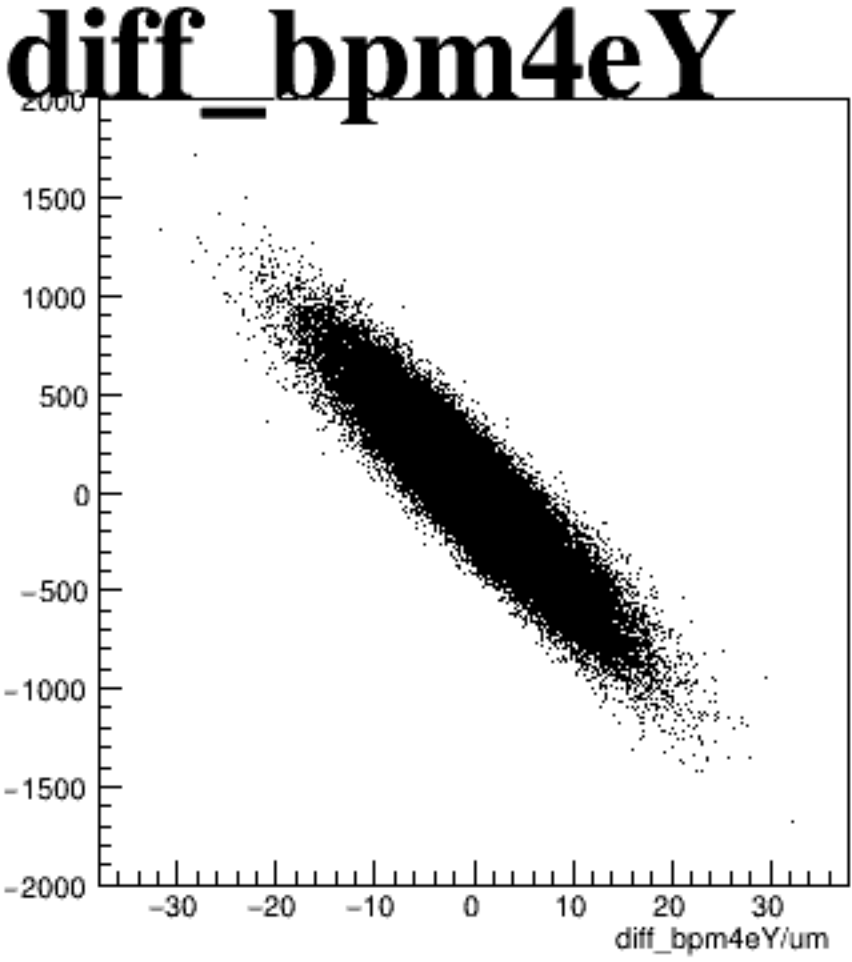
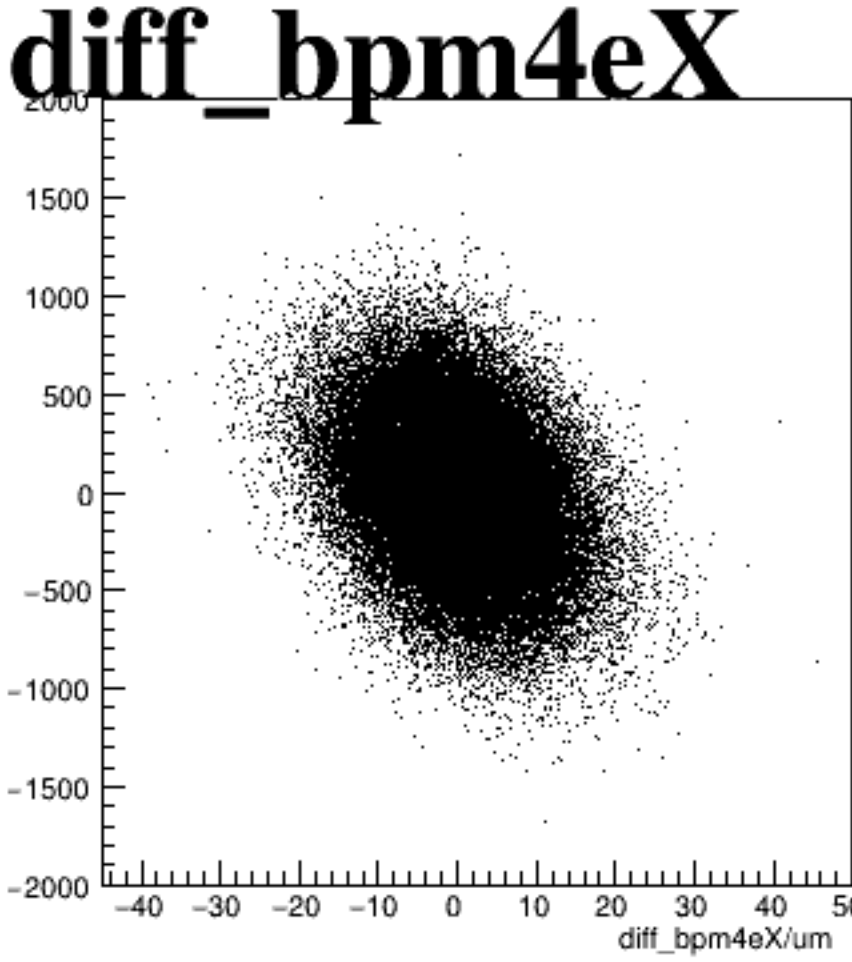
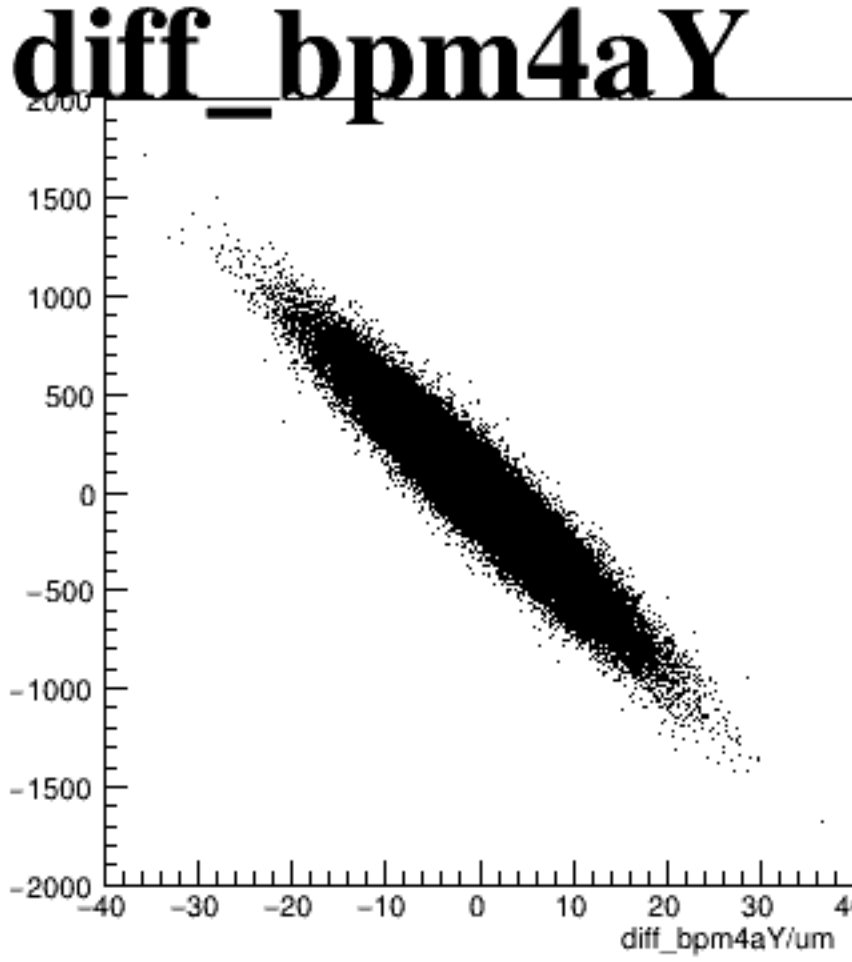
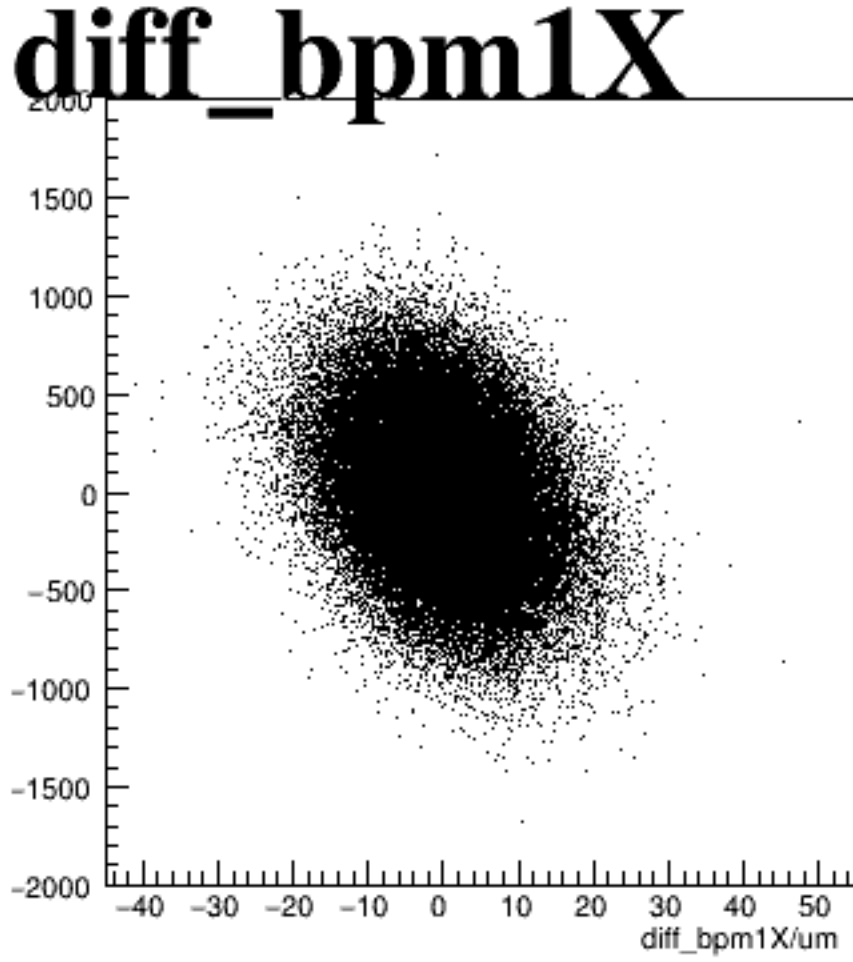
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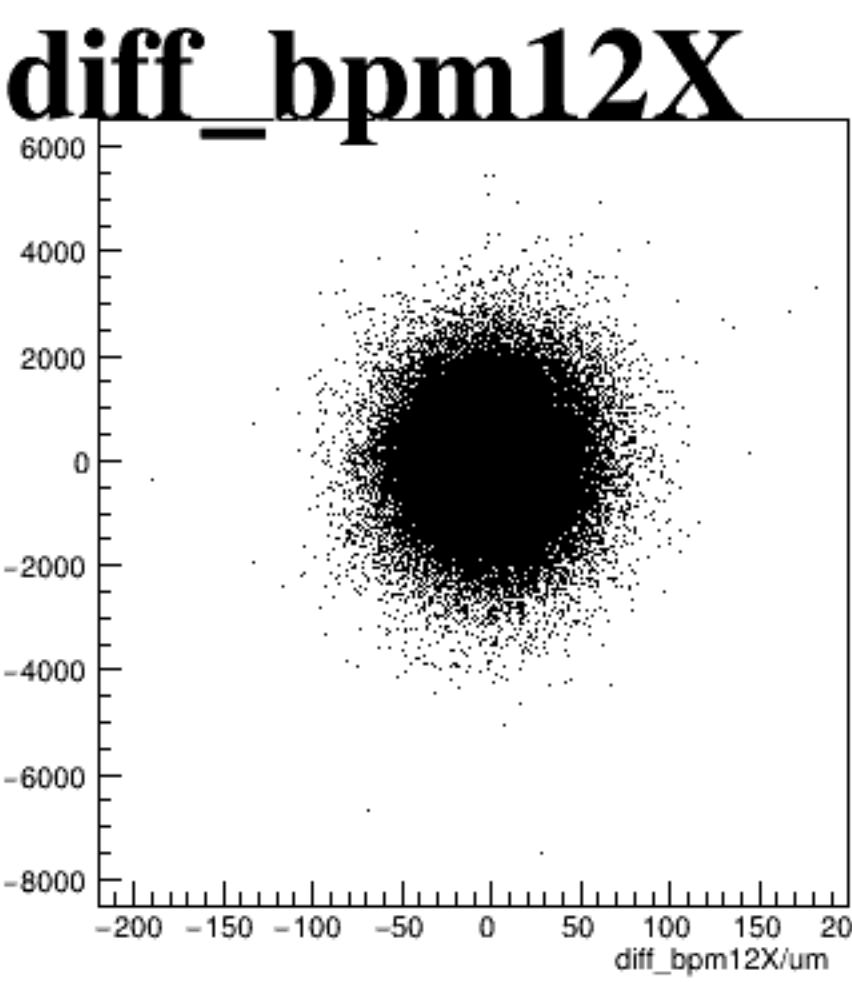
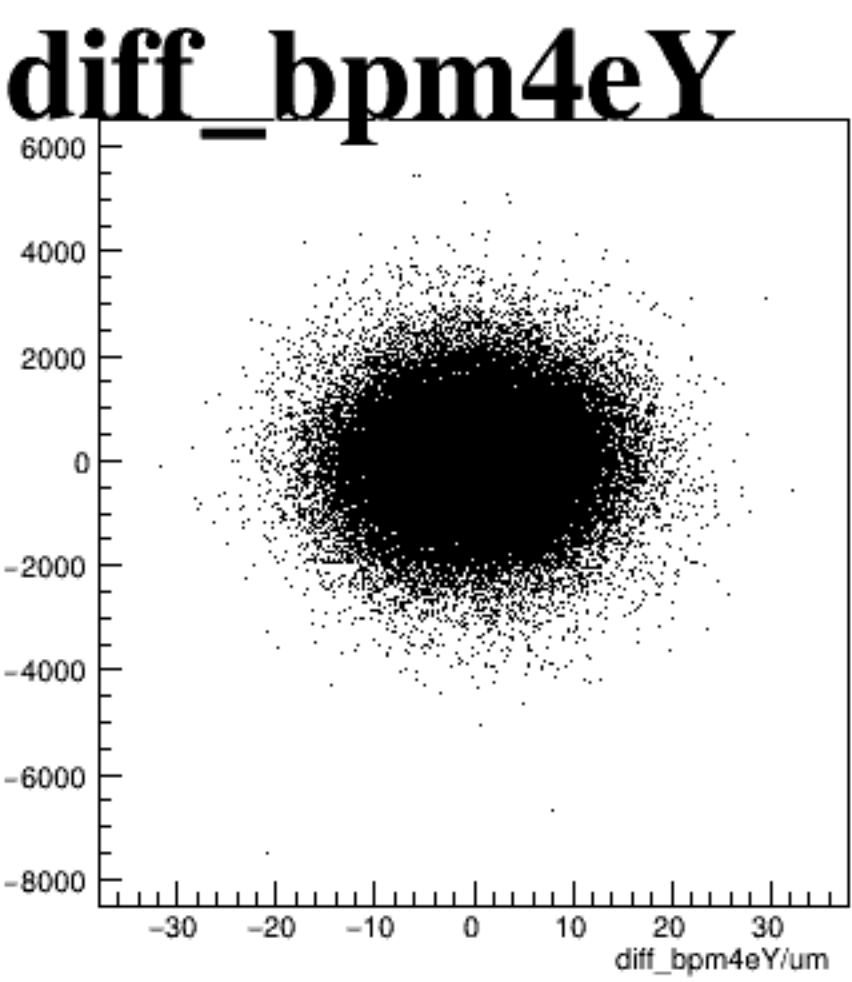
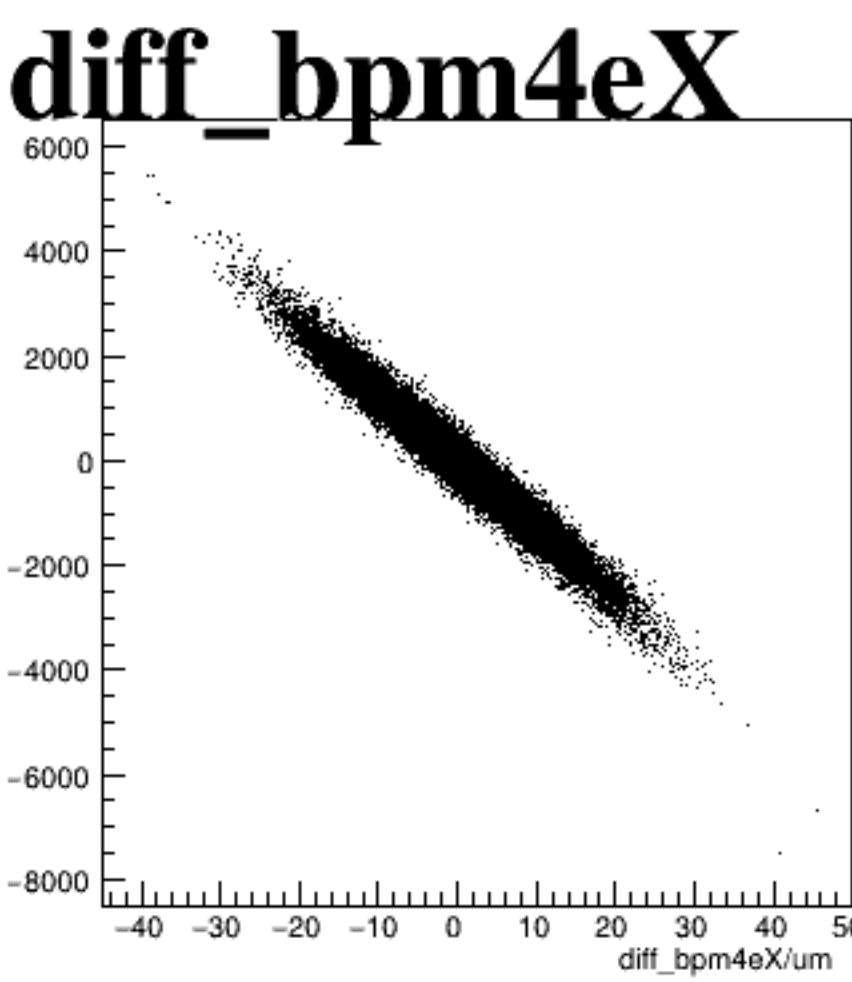
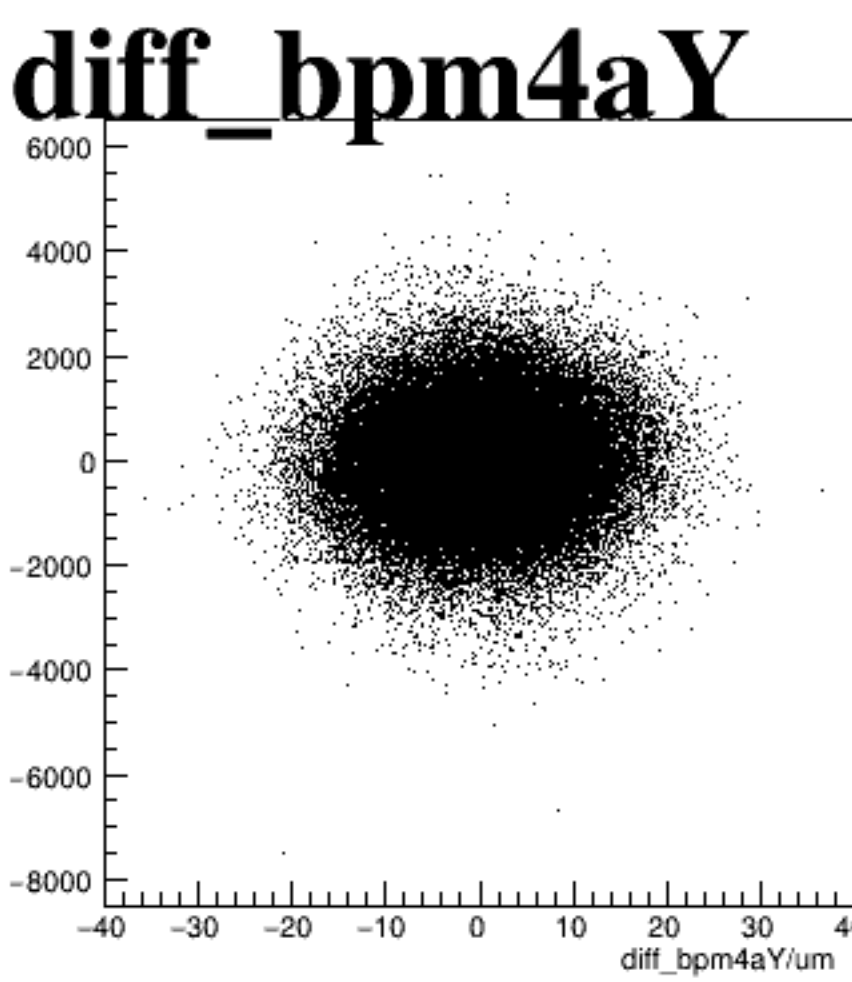
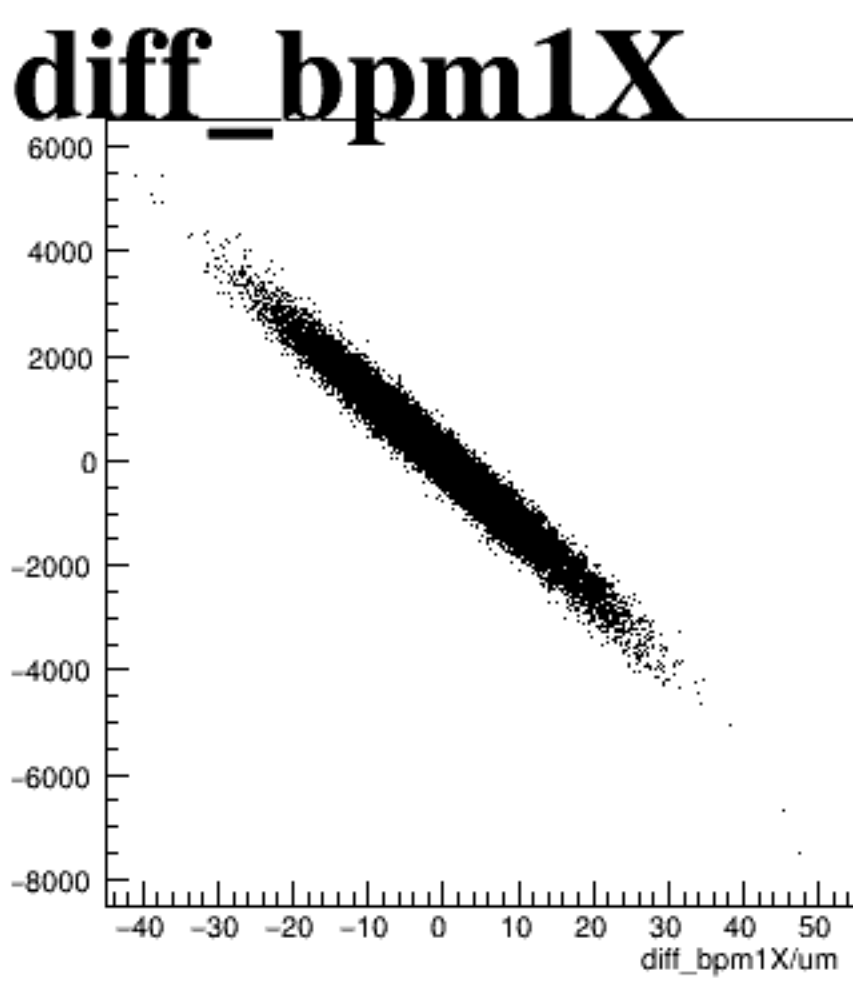
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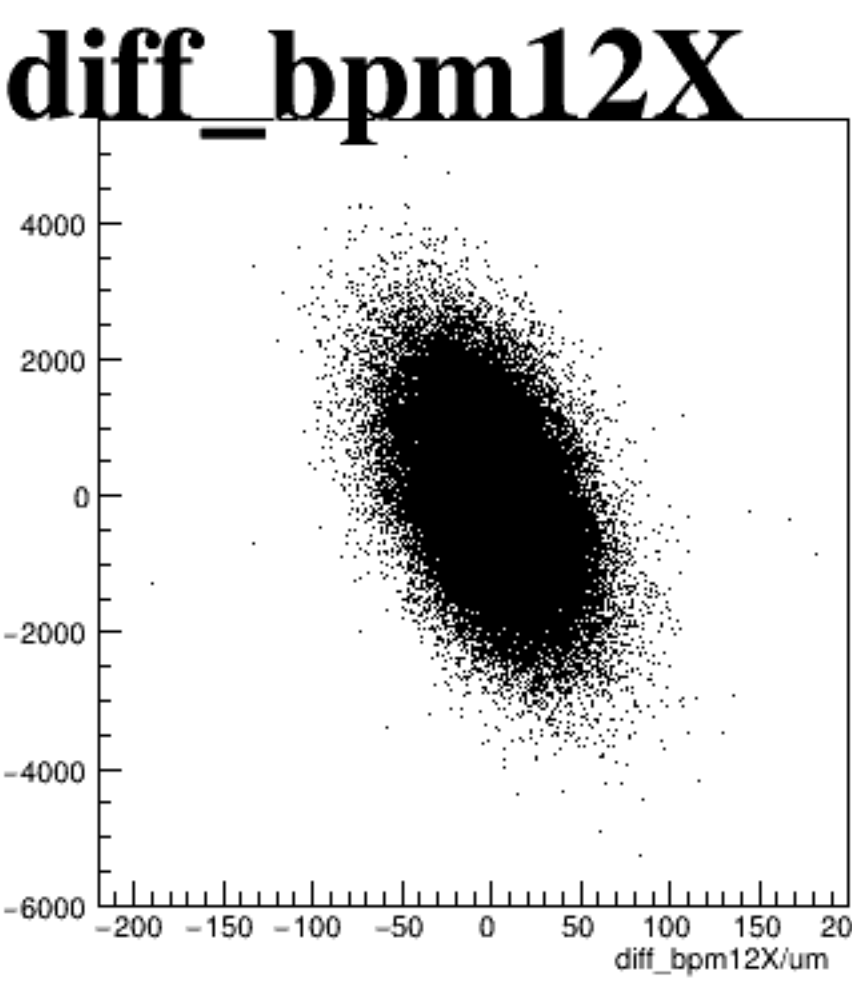
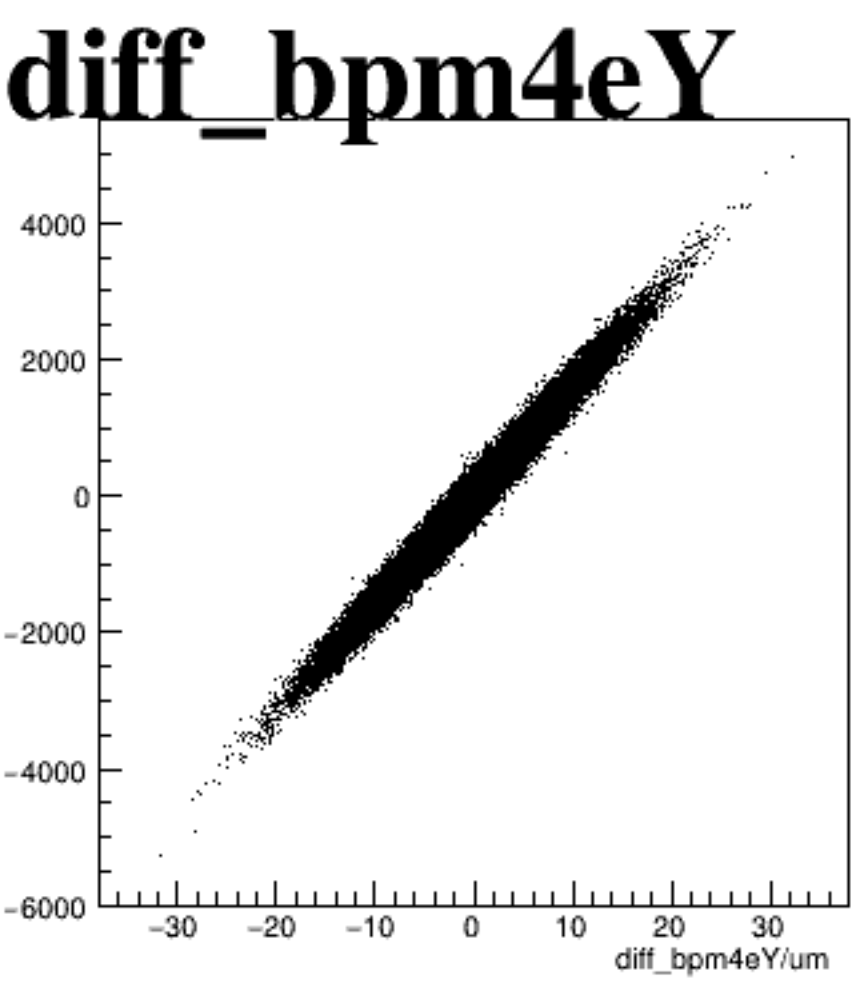
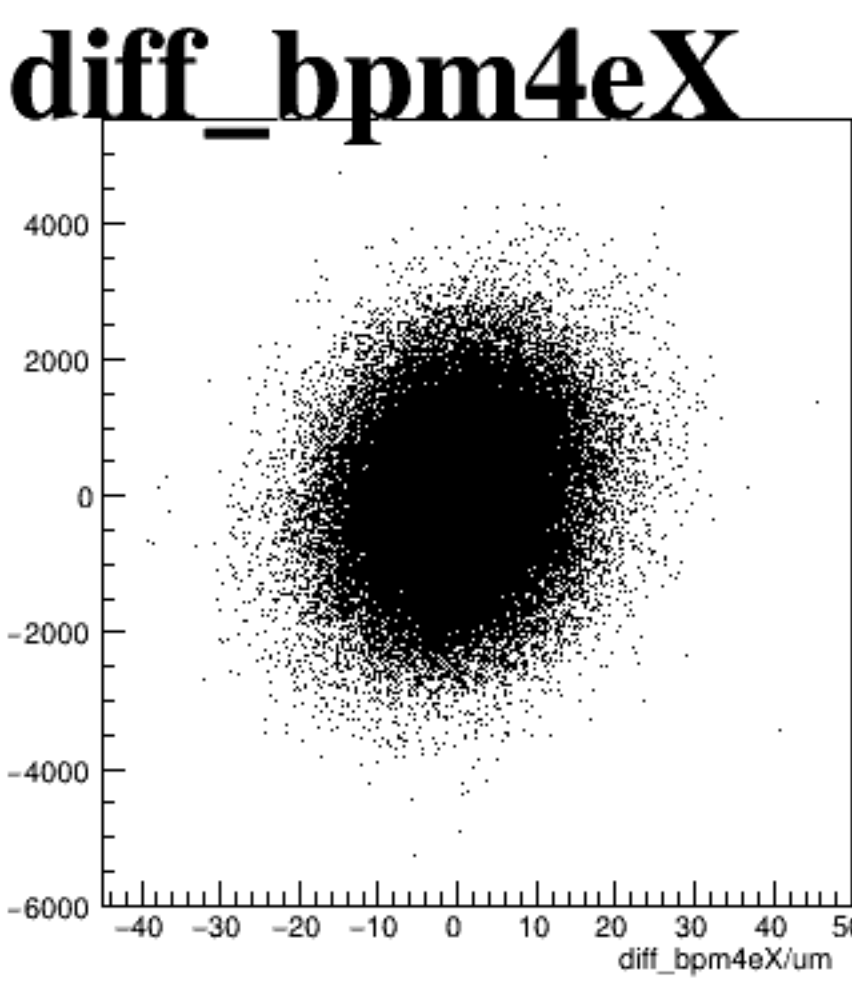
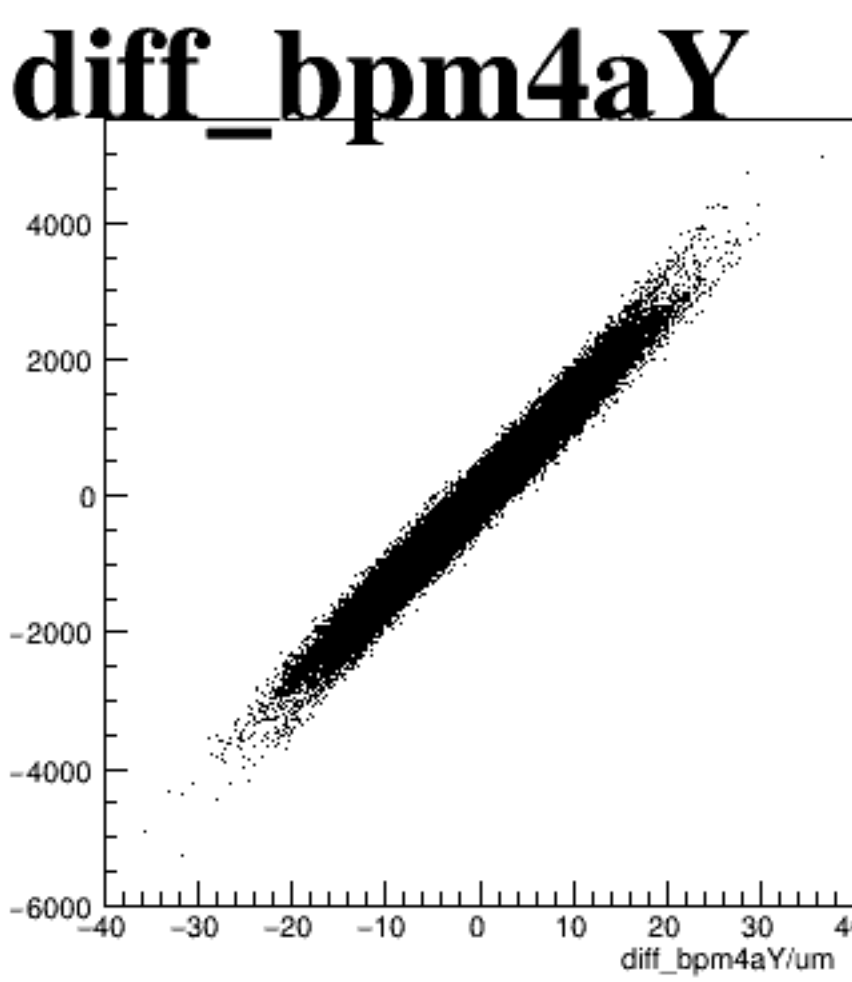
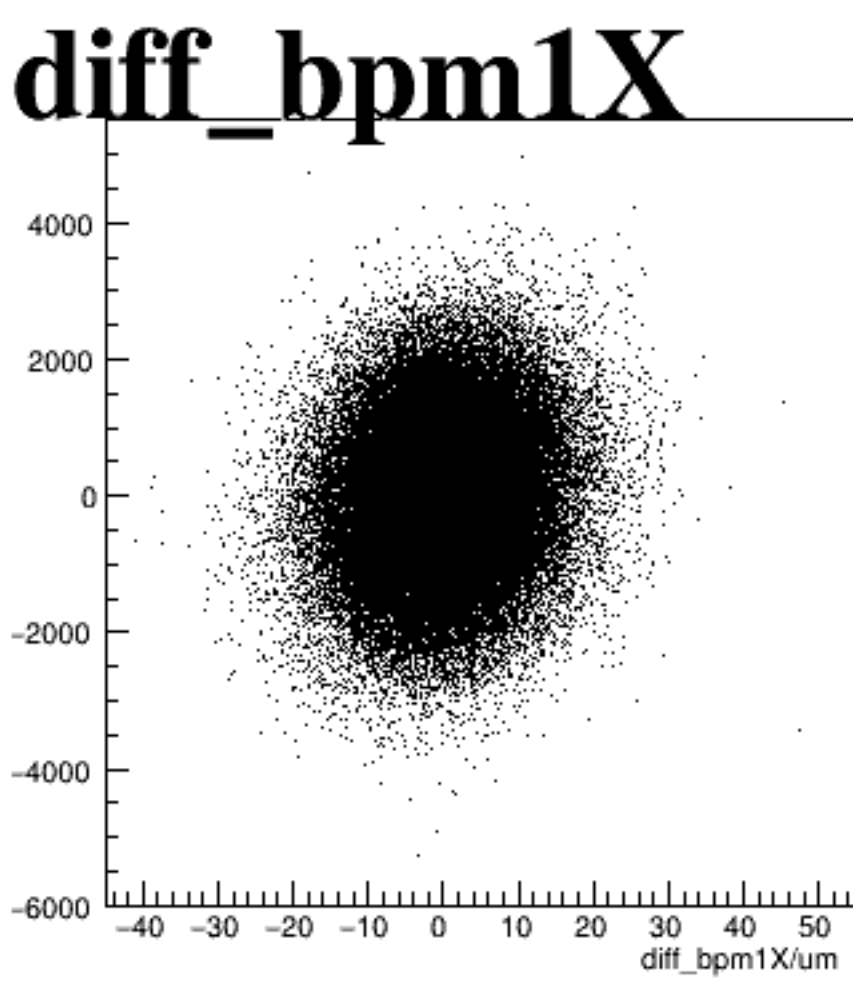
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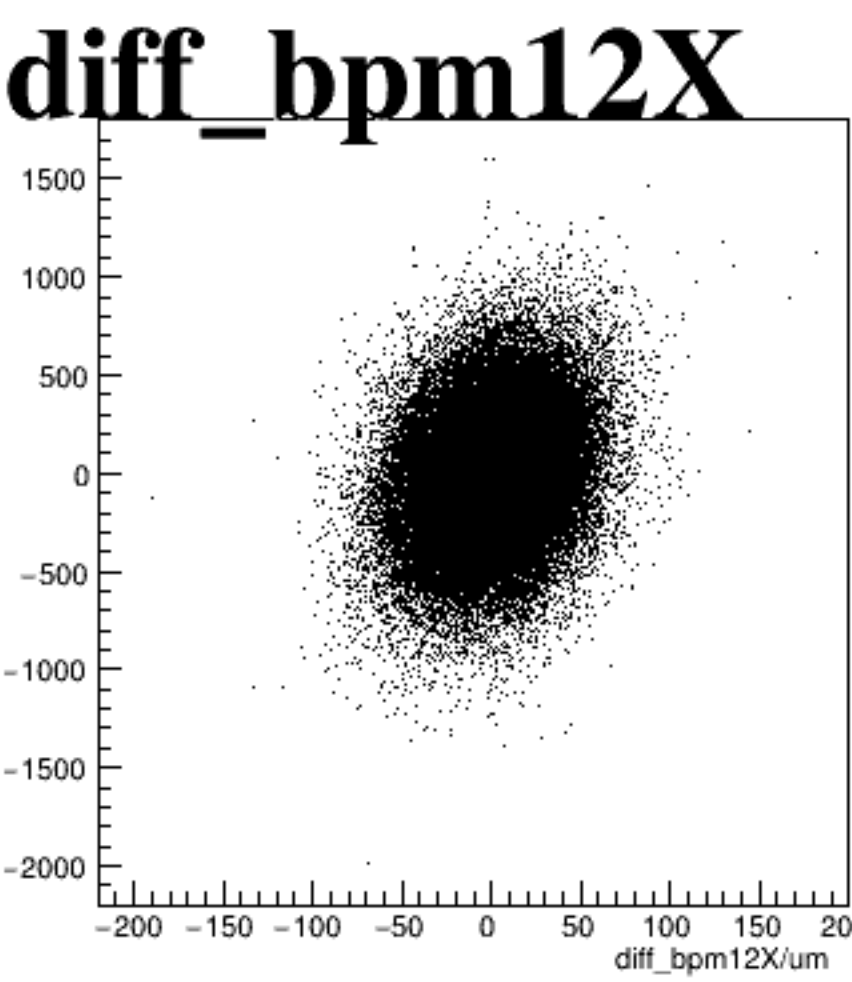
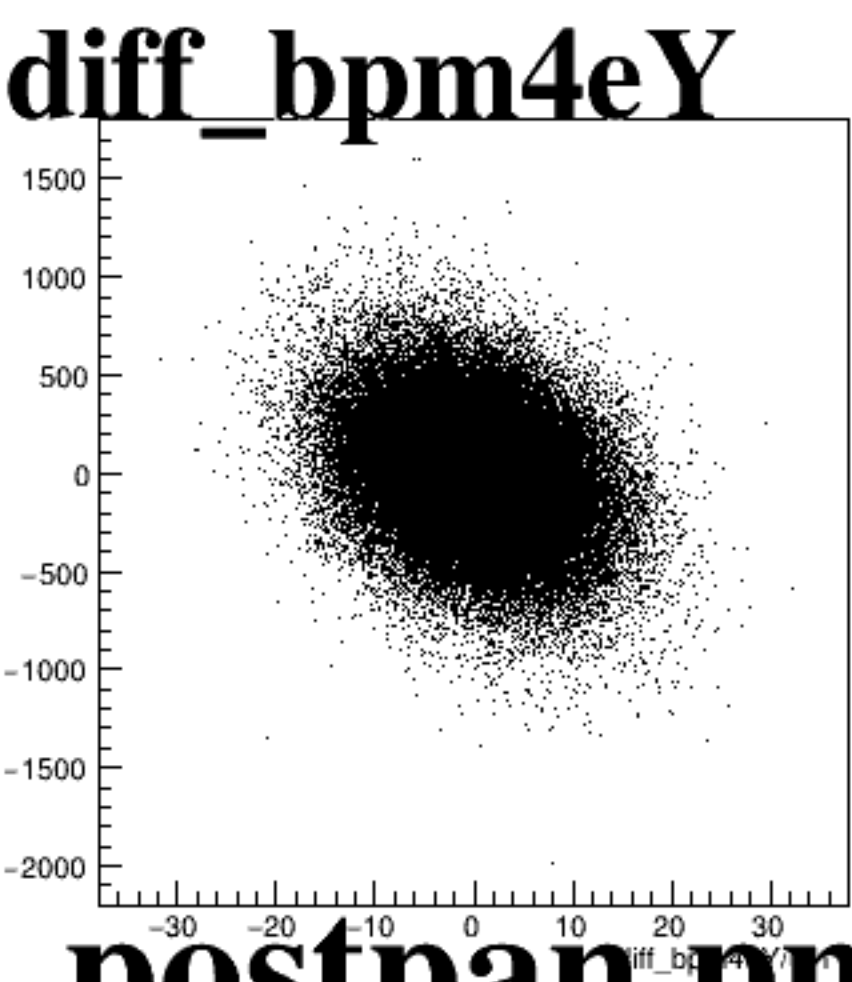
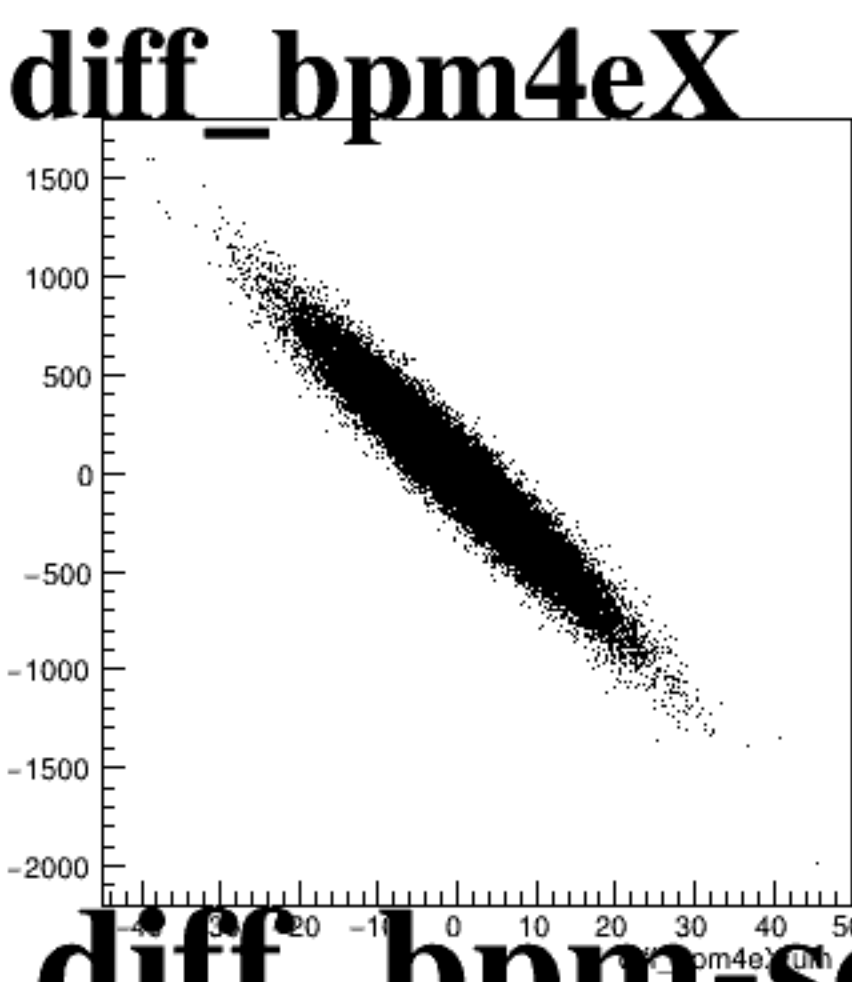
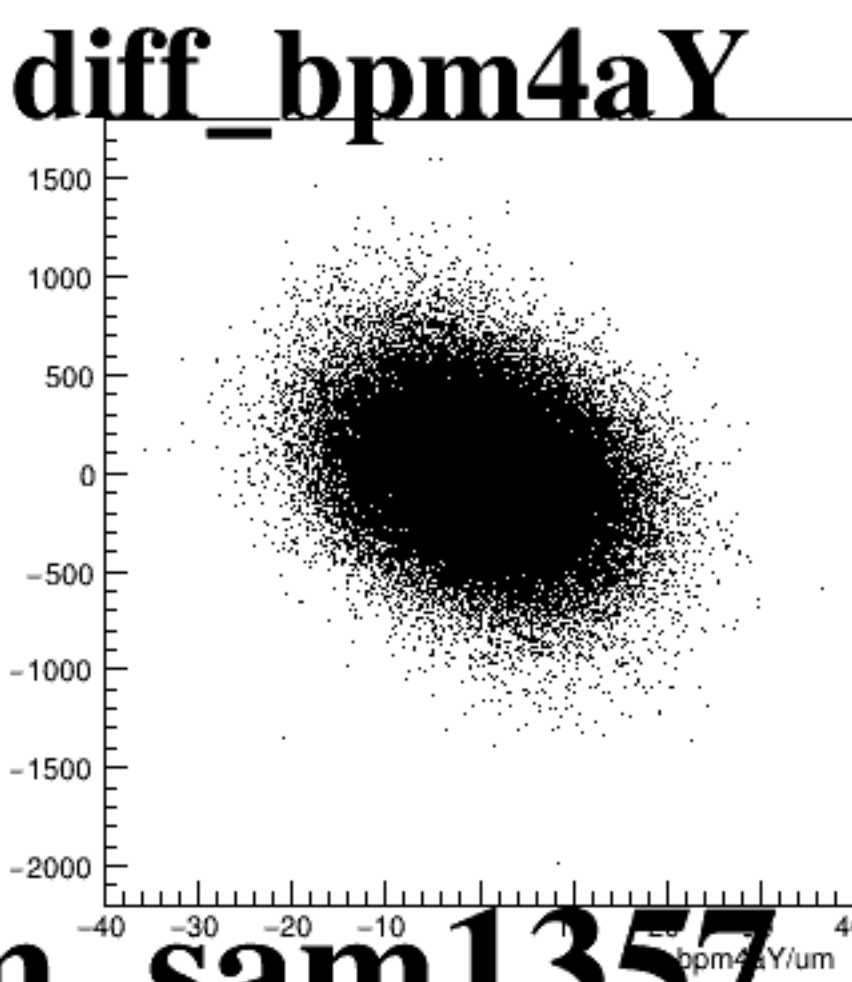
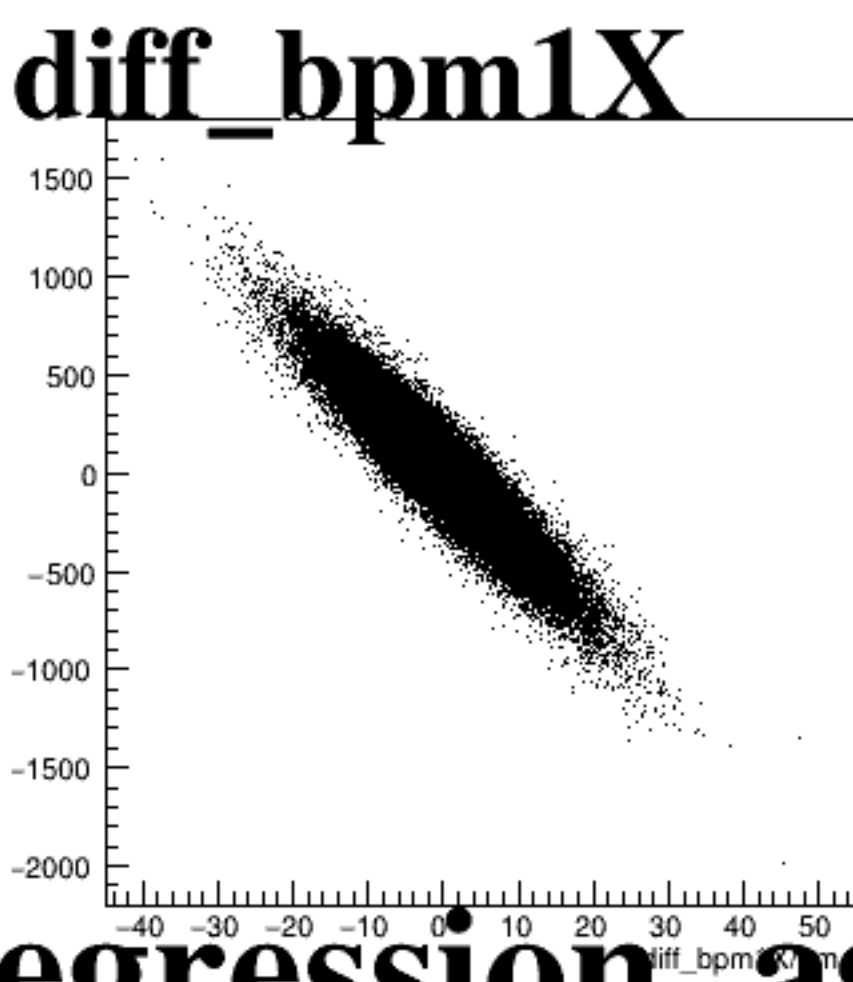
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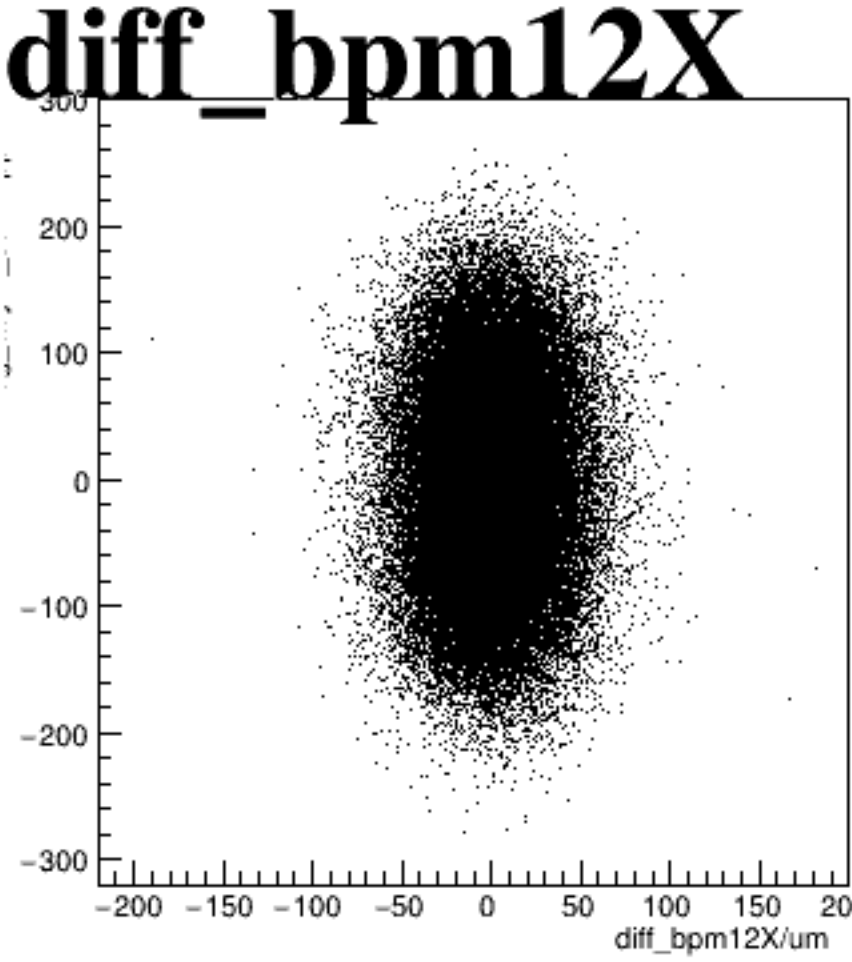
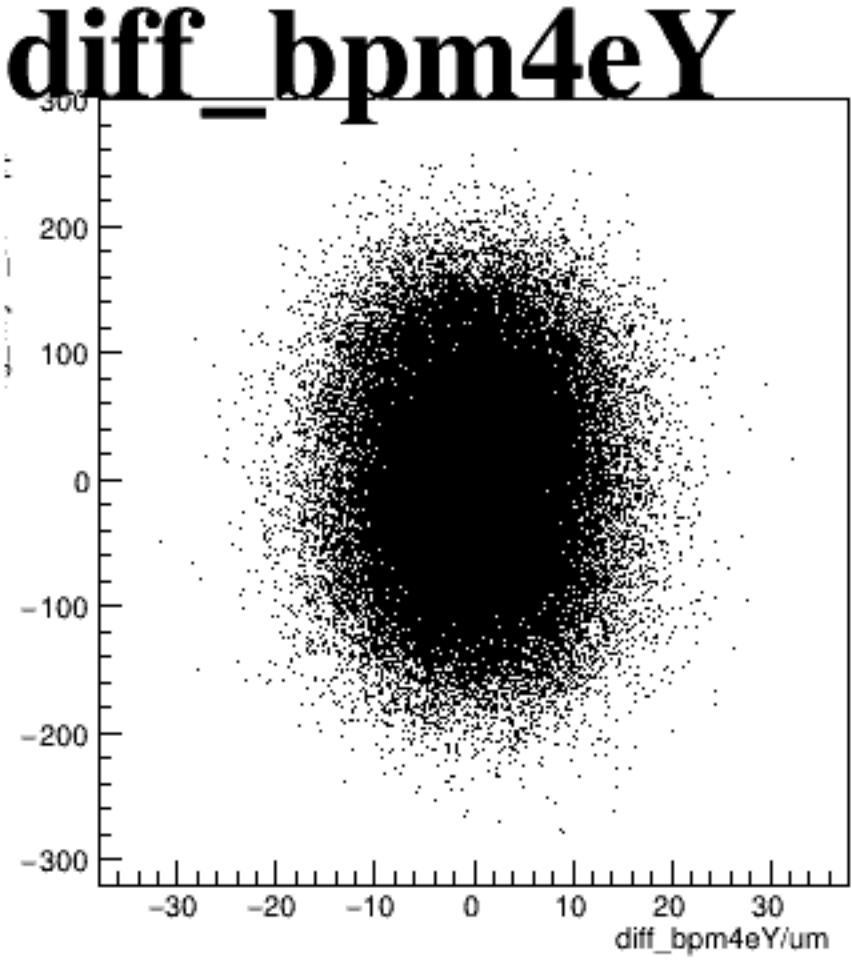
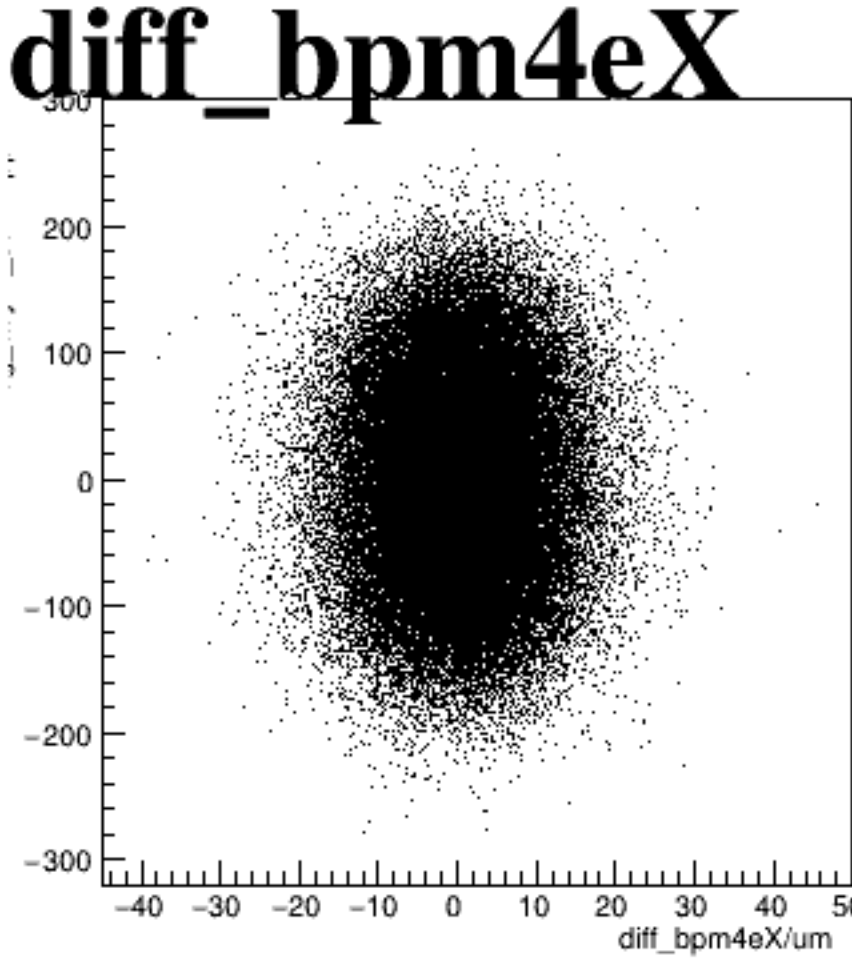
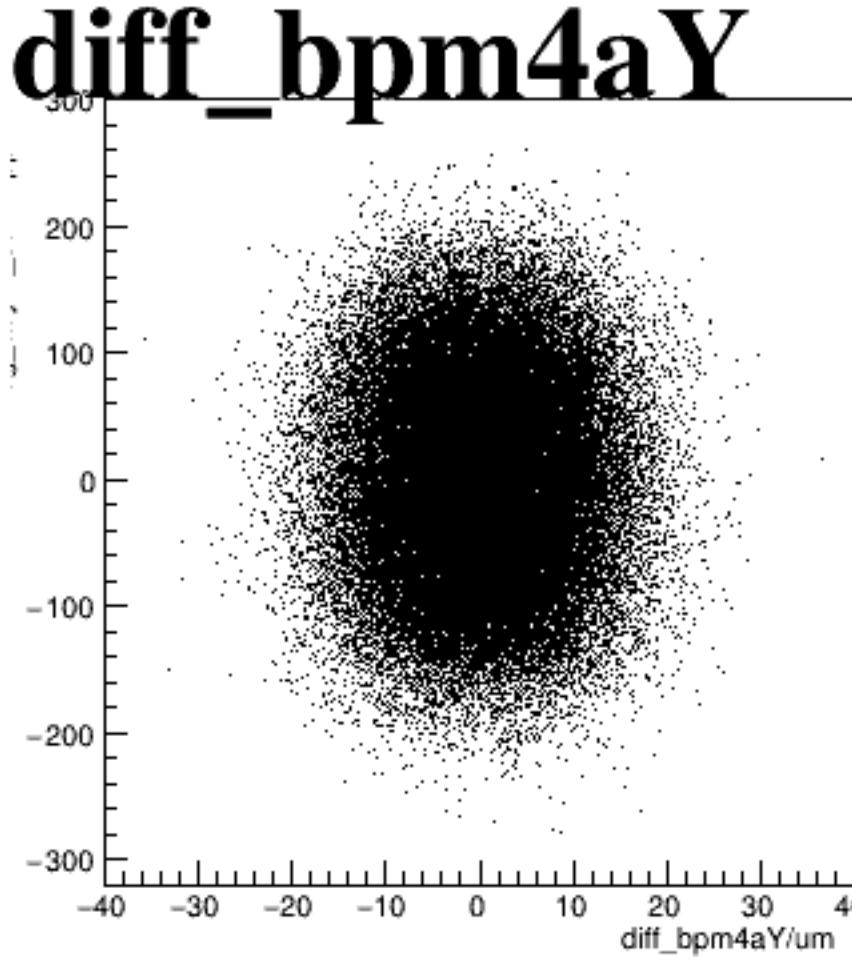
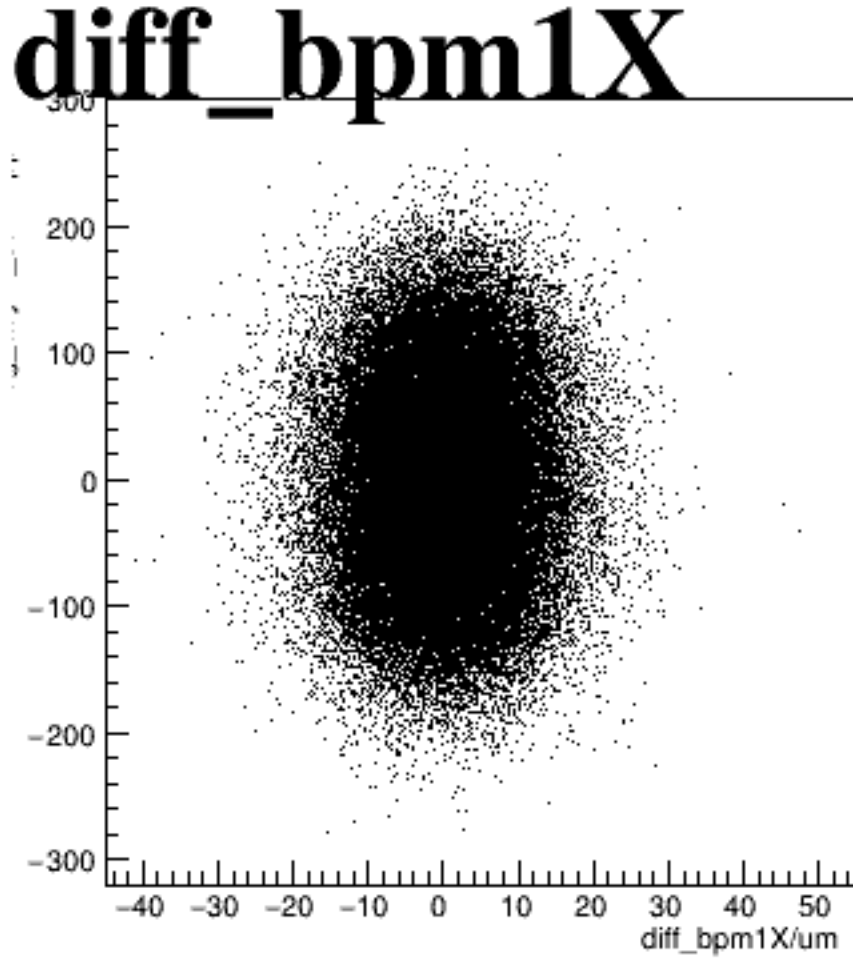
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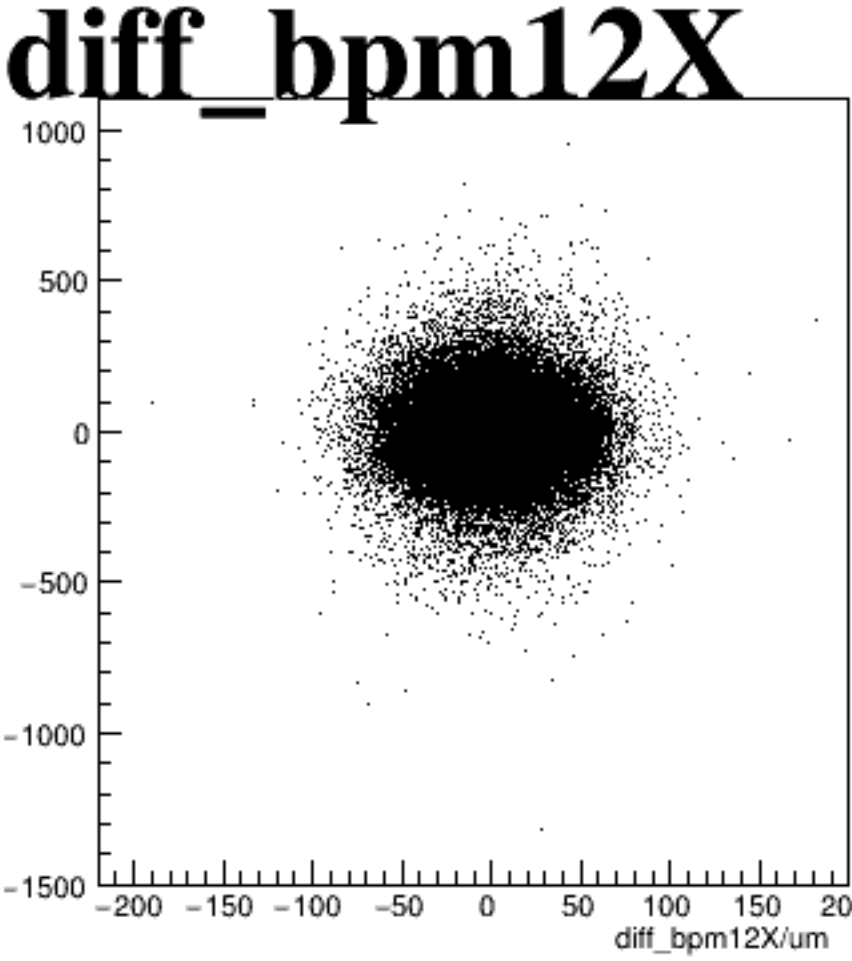
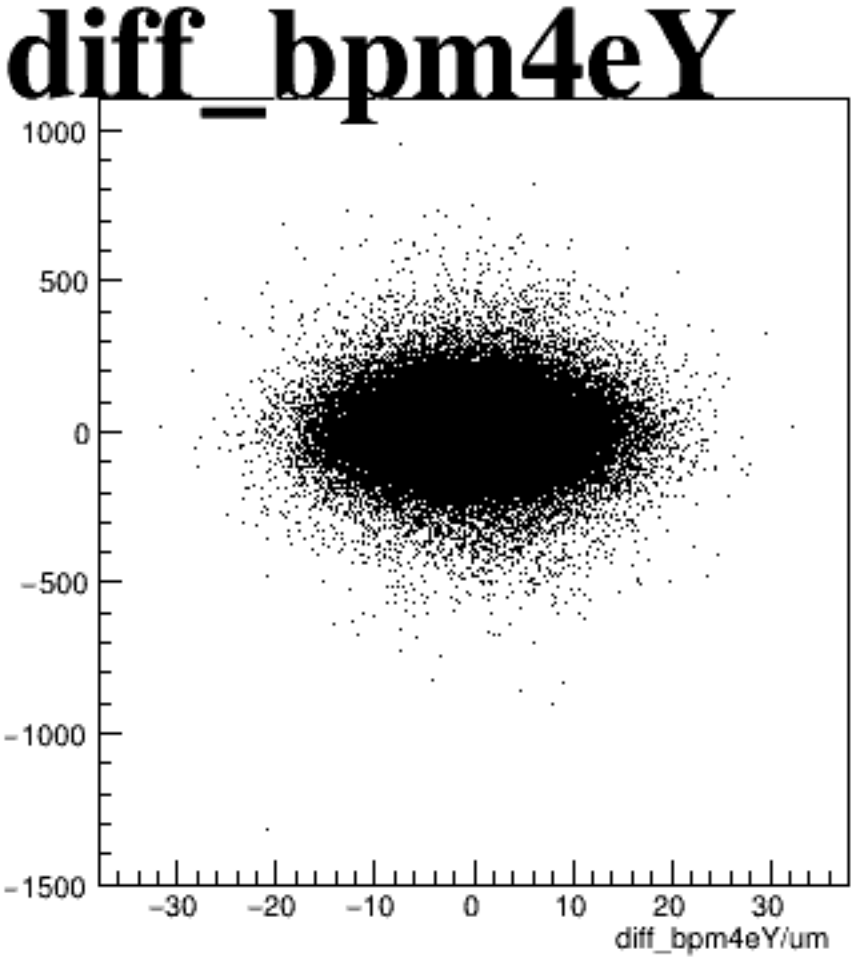
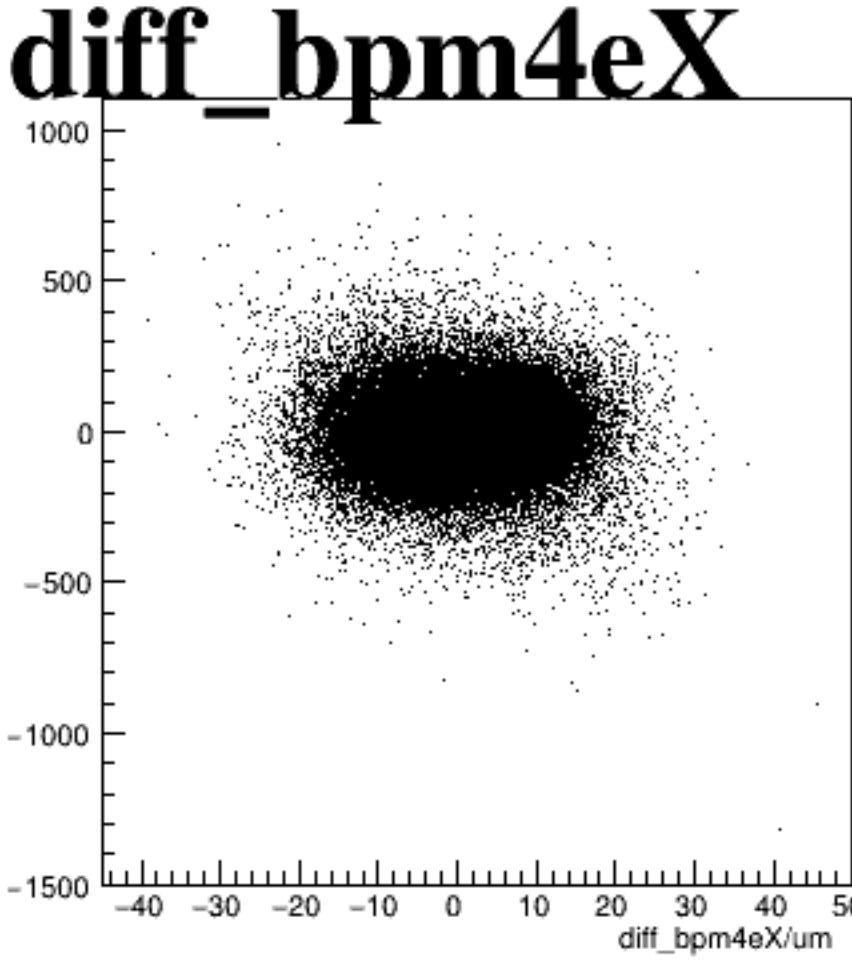
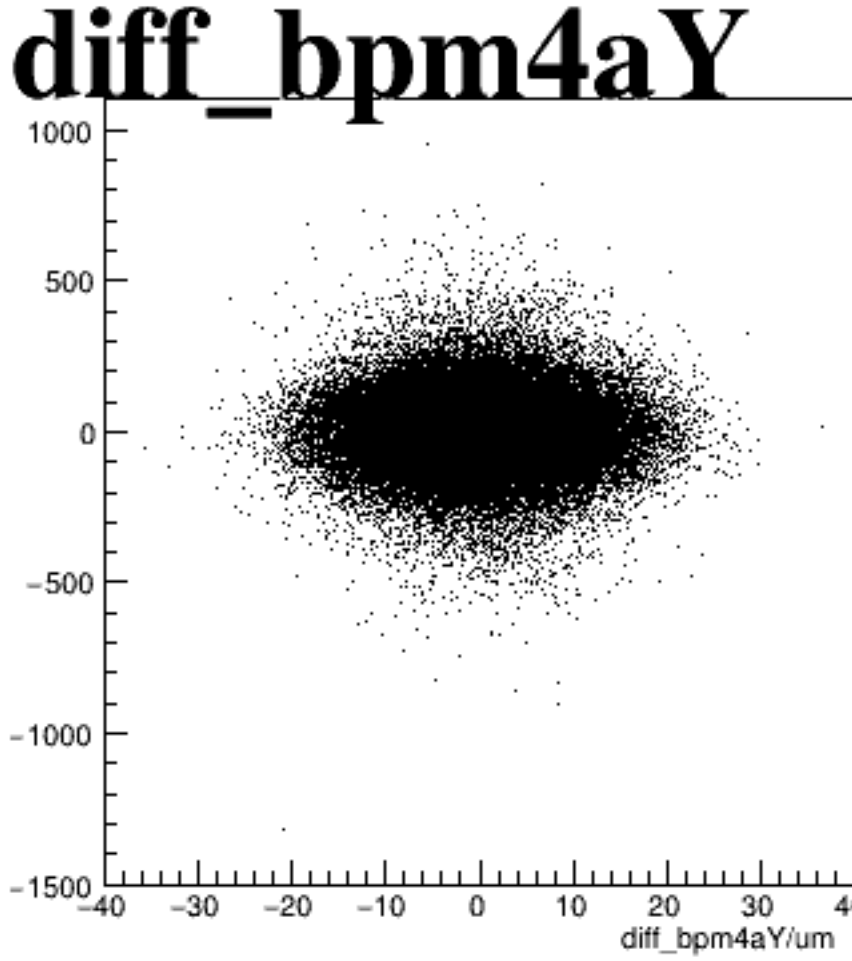
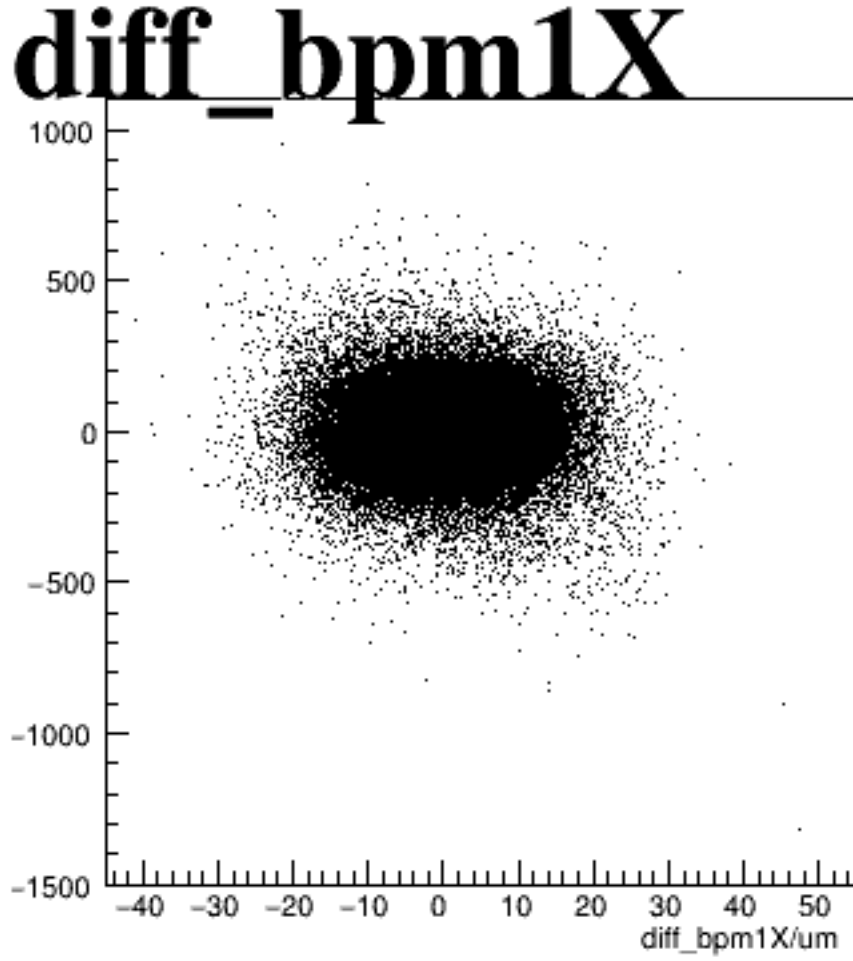
asym_sam7



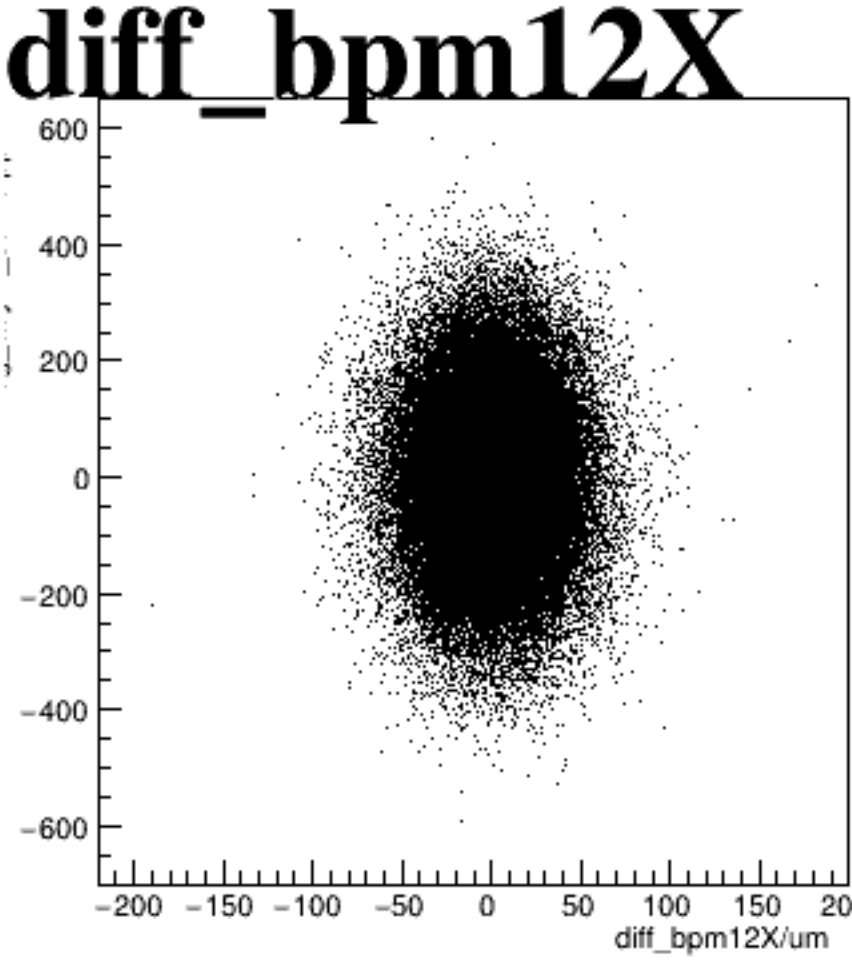
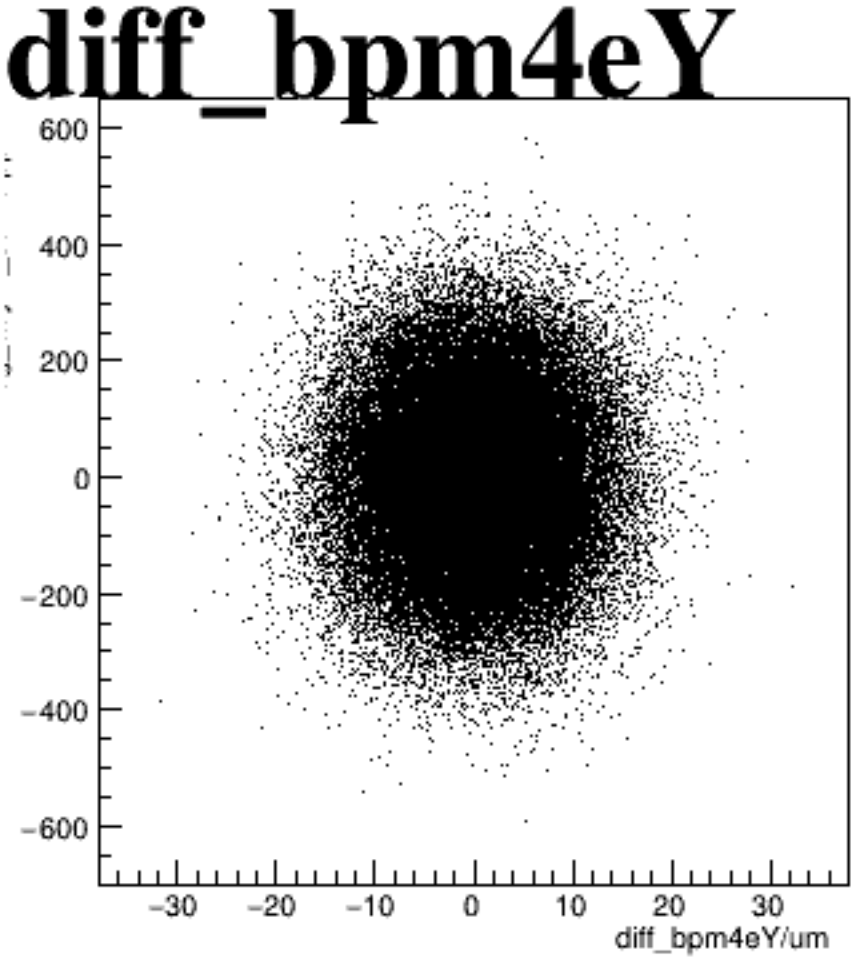
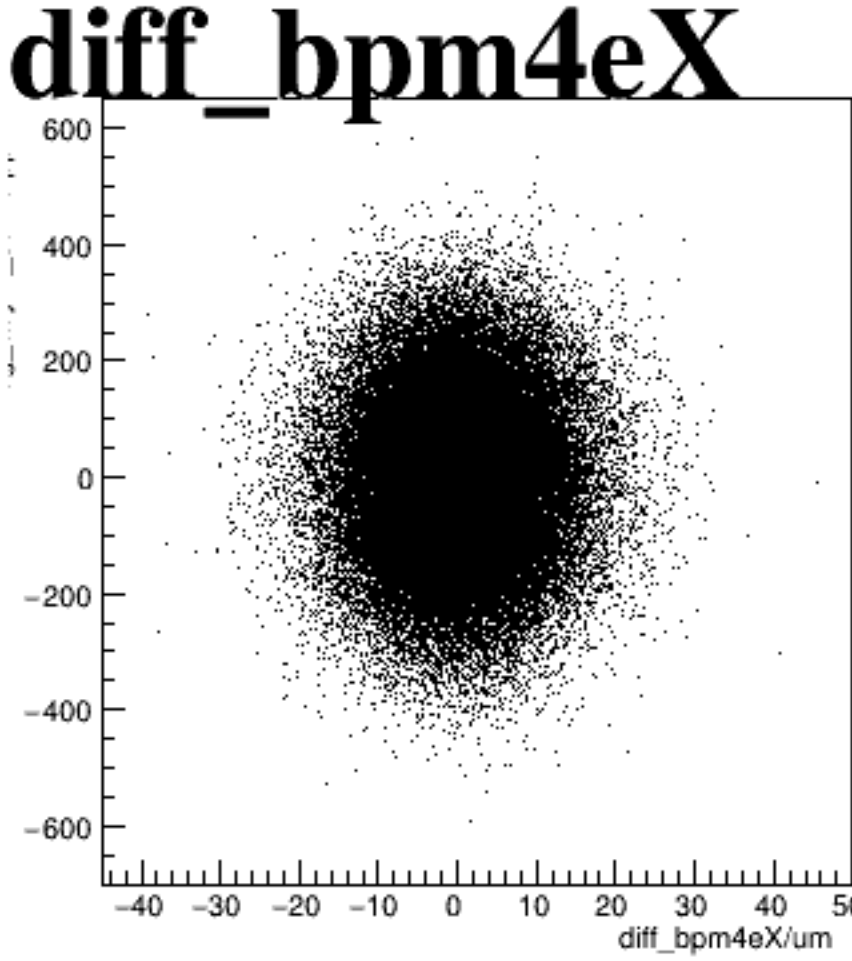
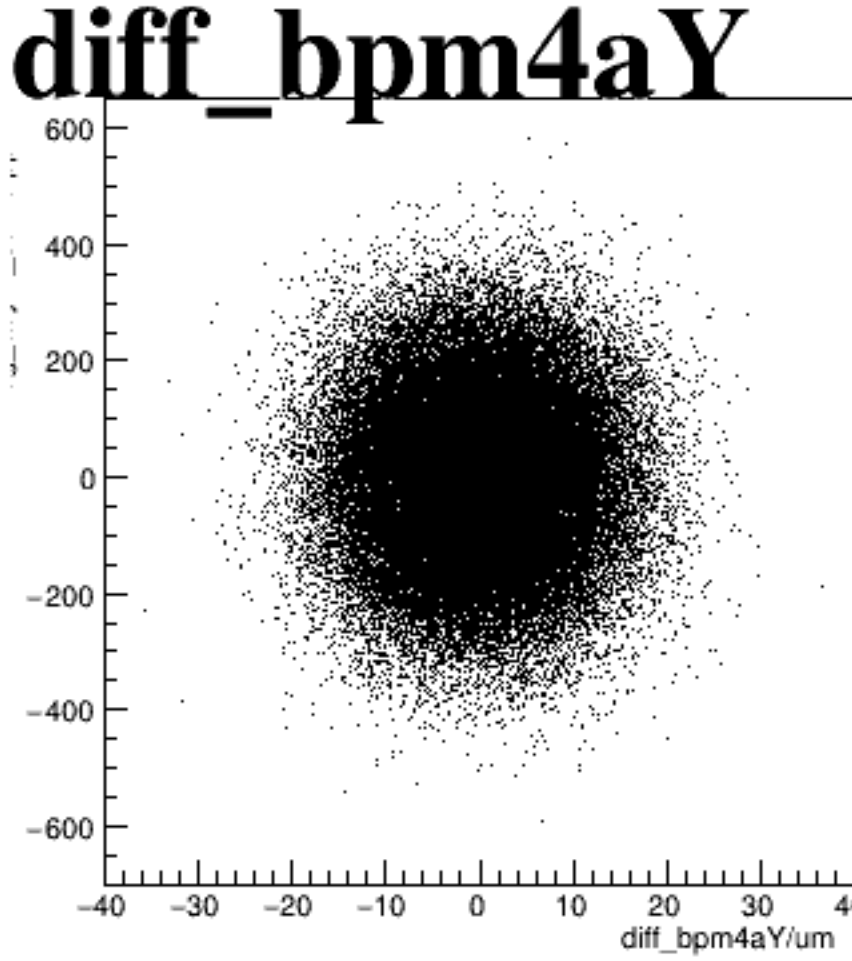
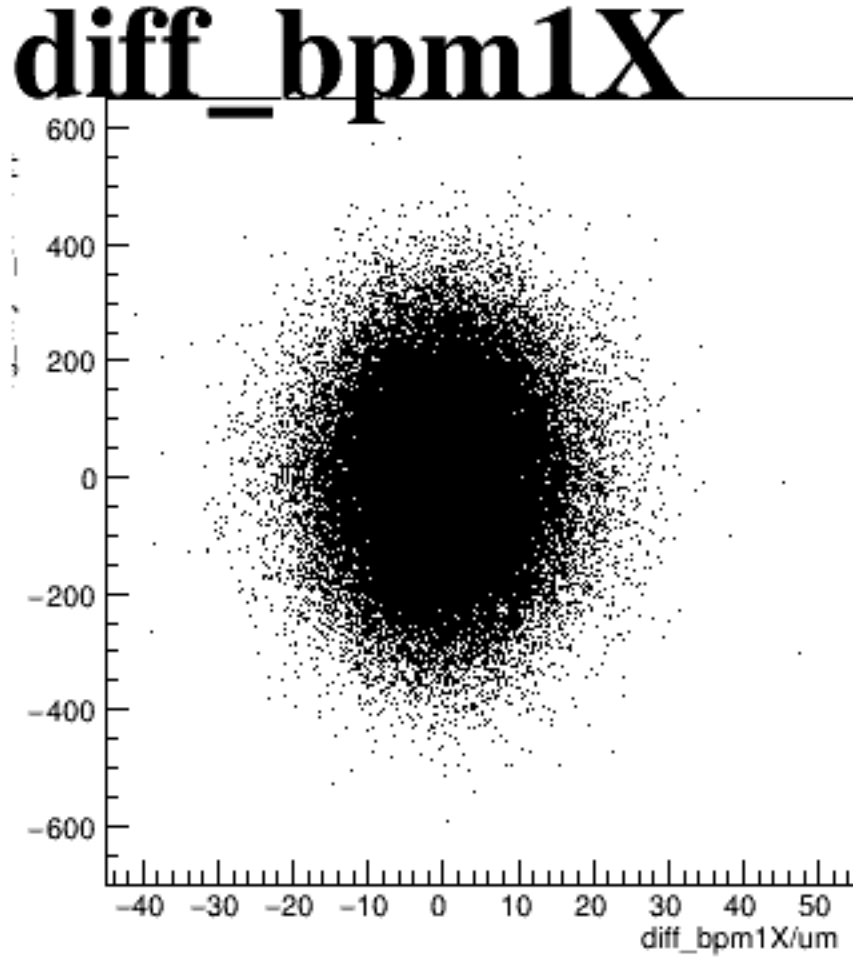
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

