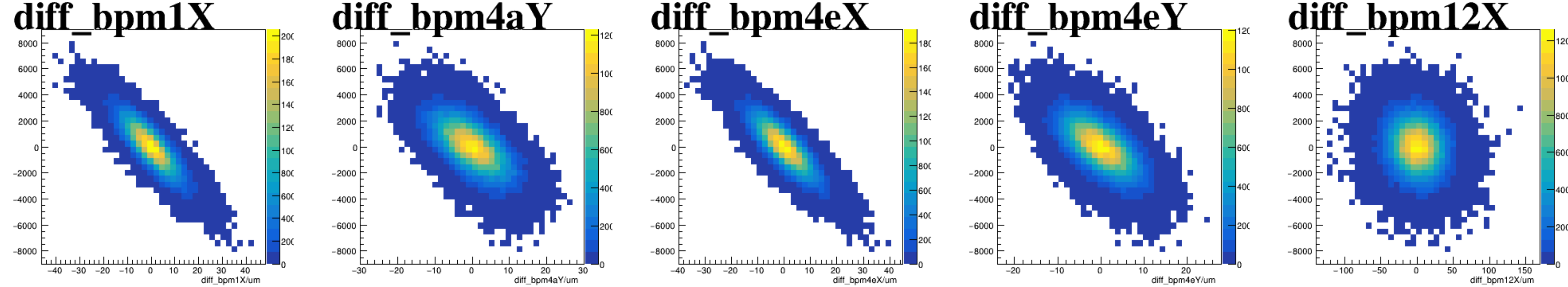
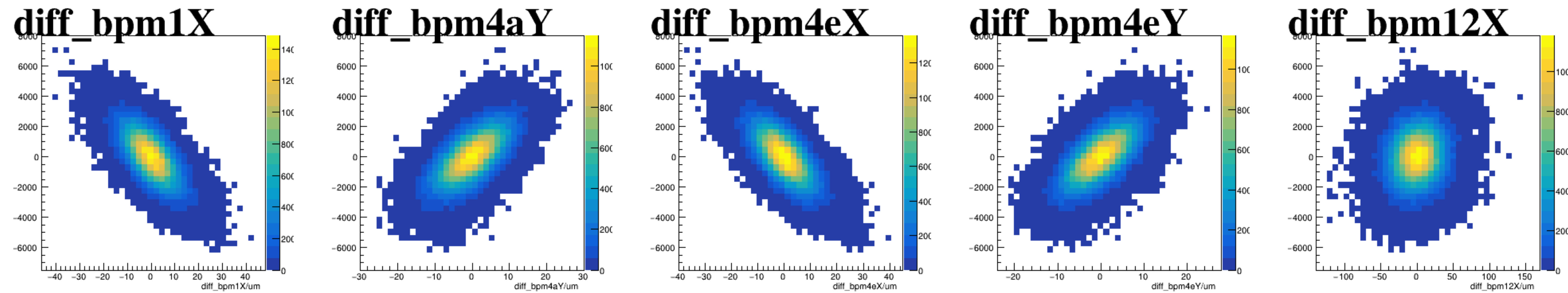


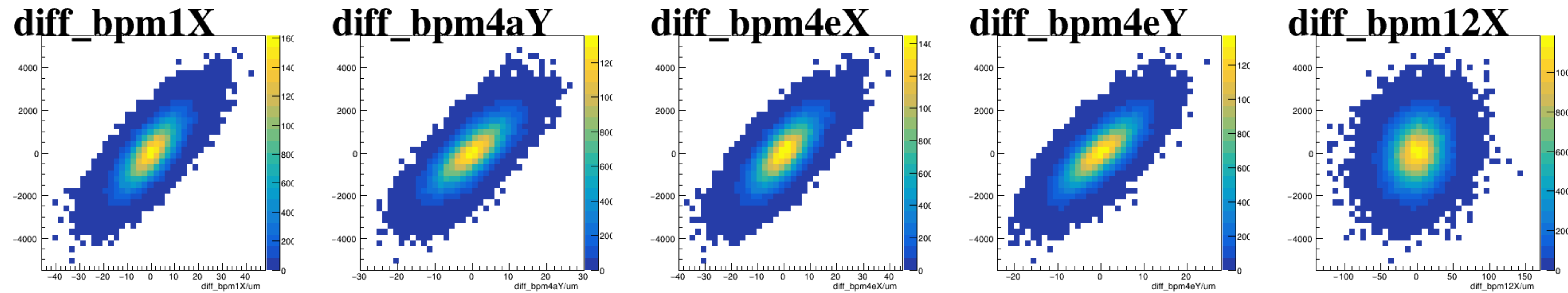
asym_sam2



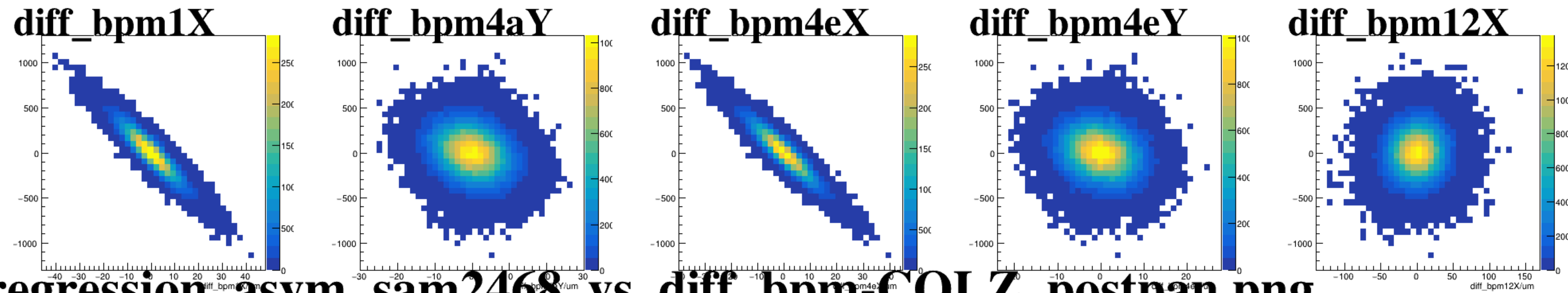
asym_sam4



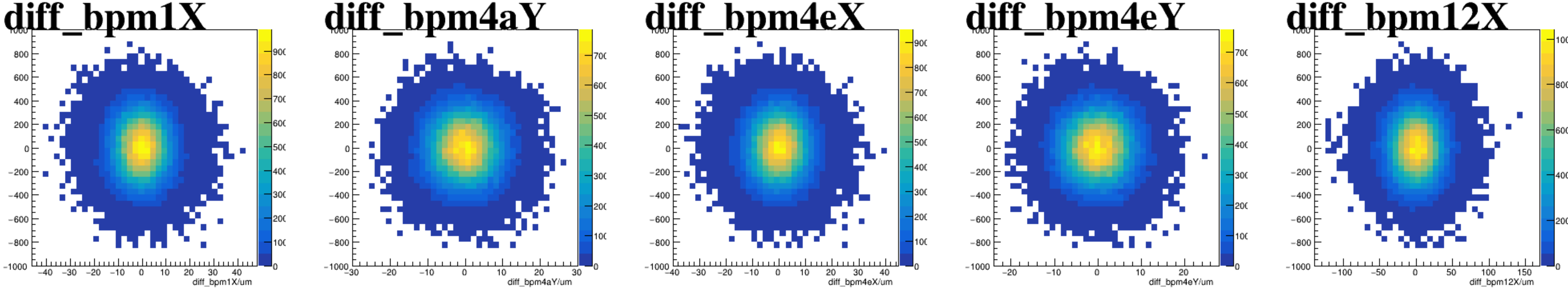
asym_sam6



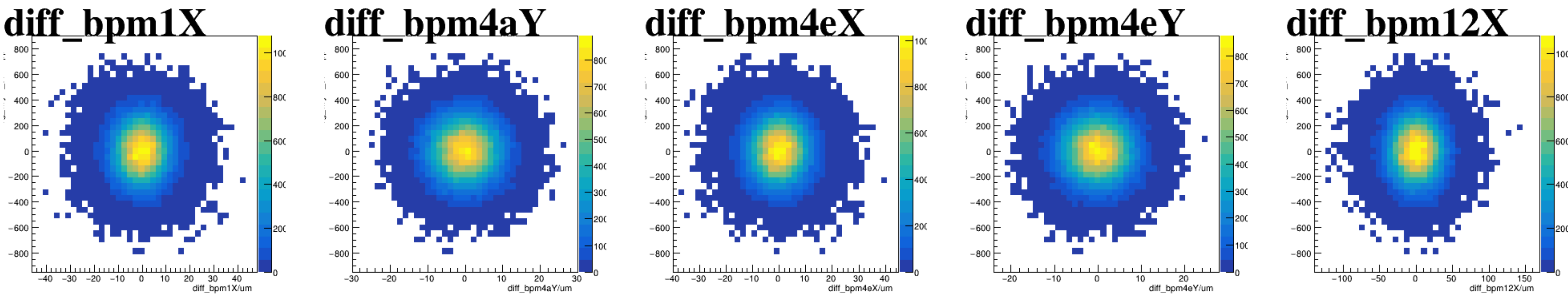
asym_sam8



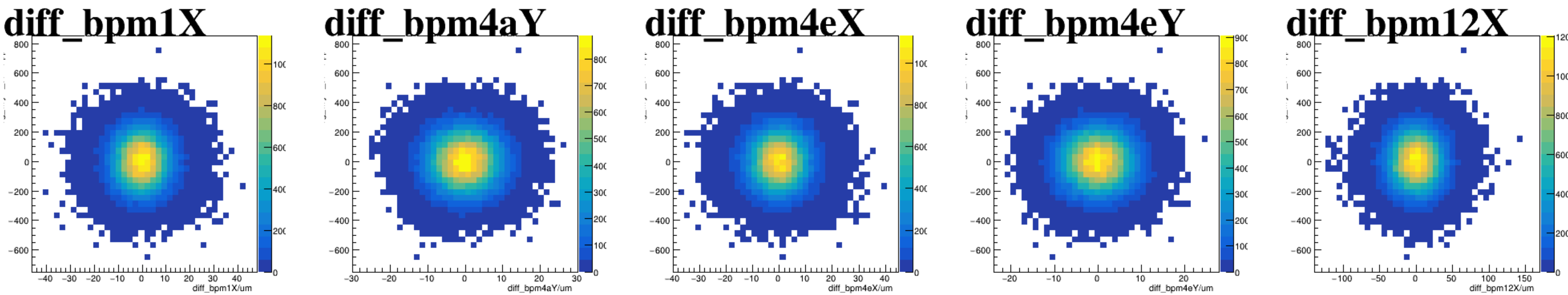
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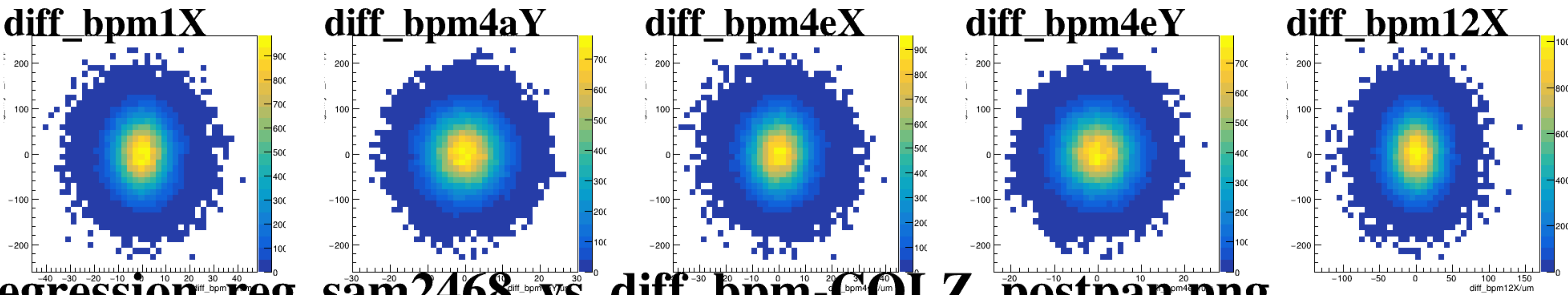
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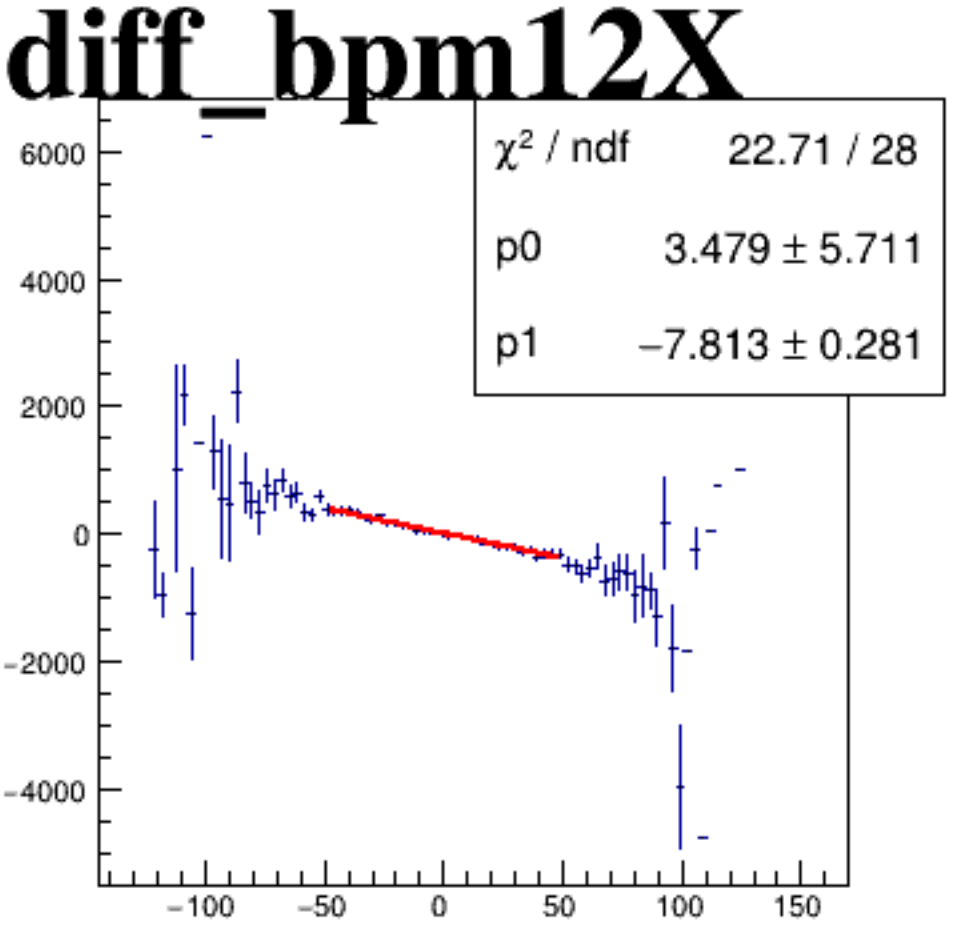
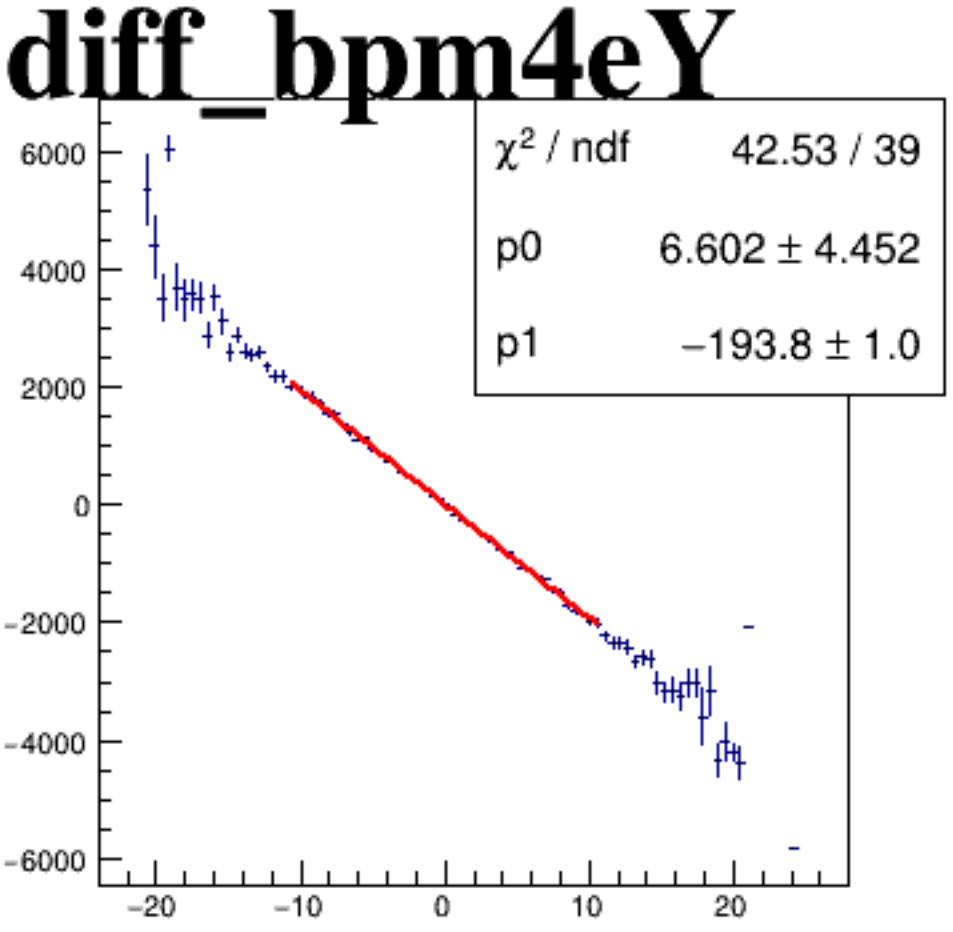
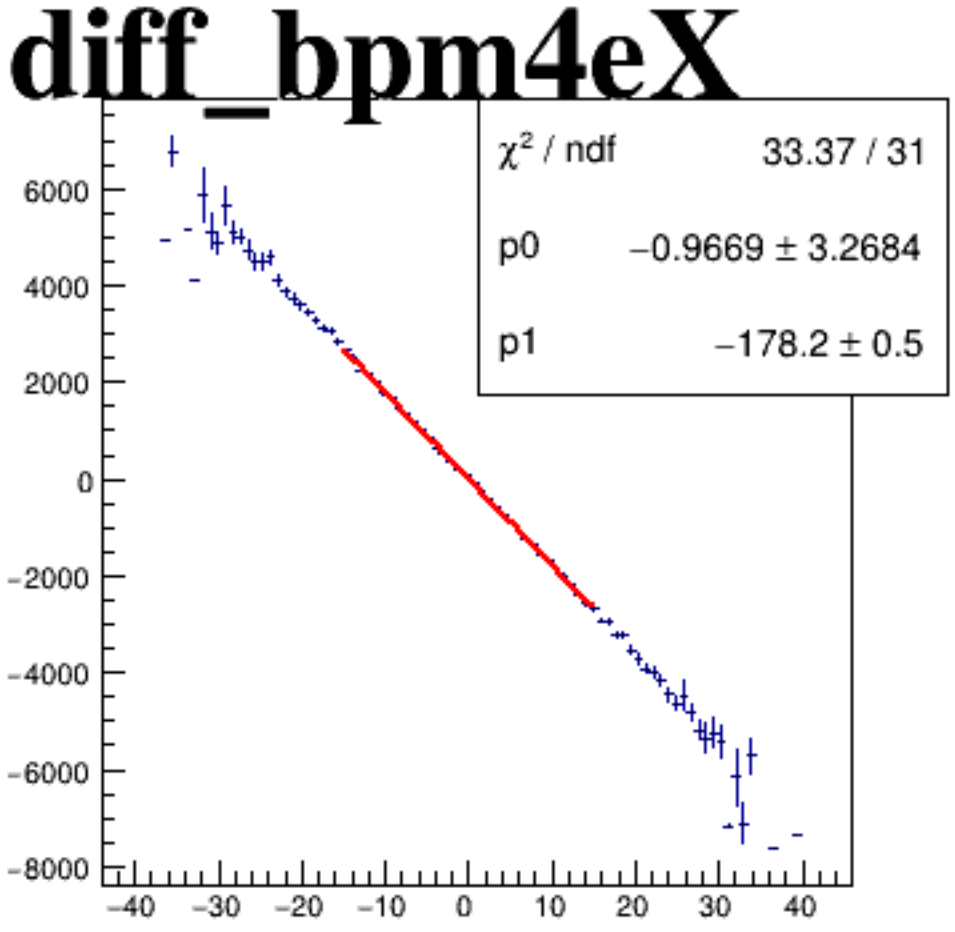
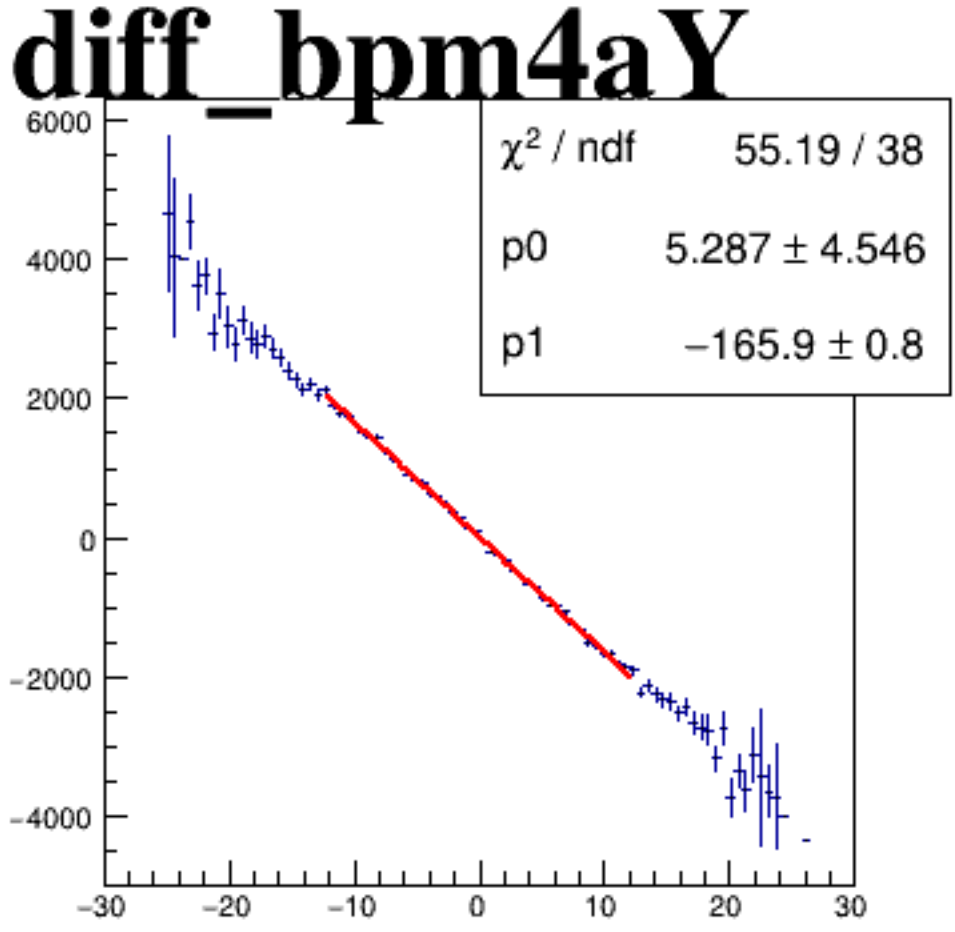
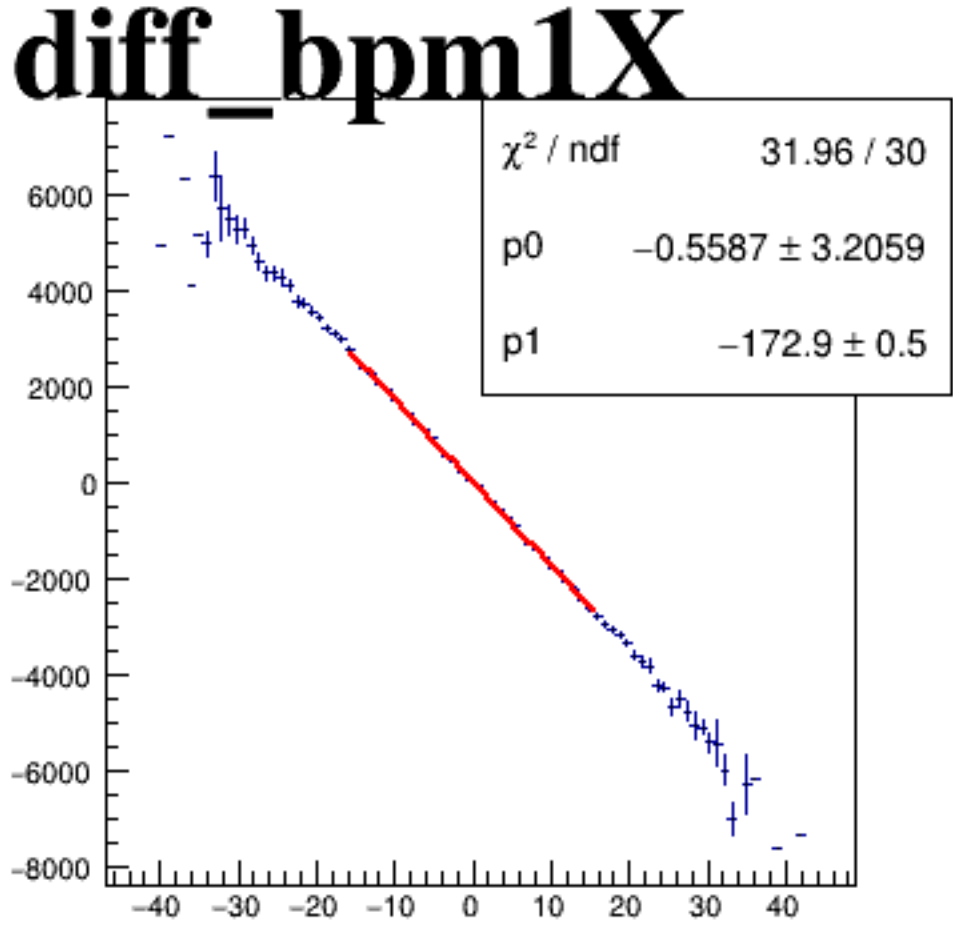
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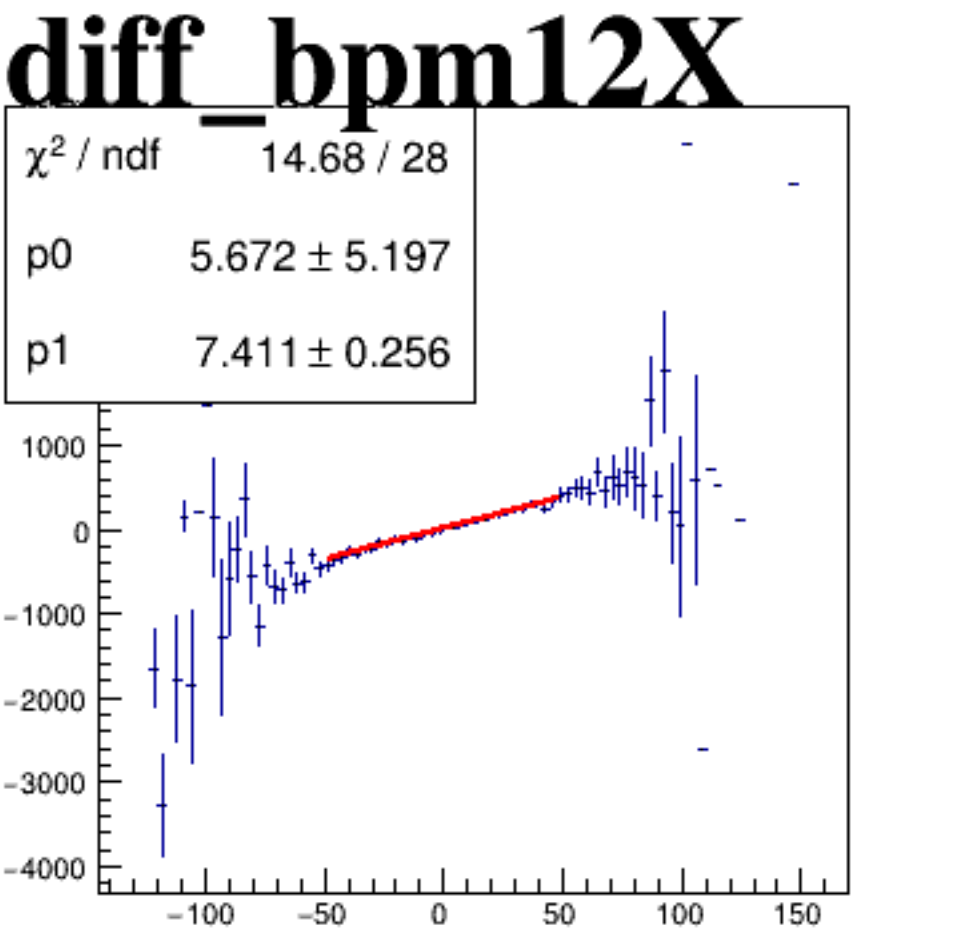
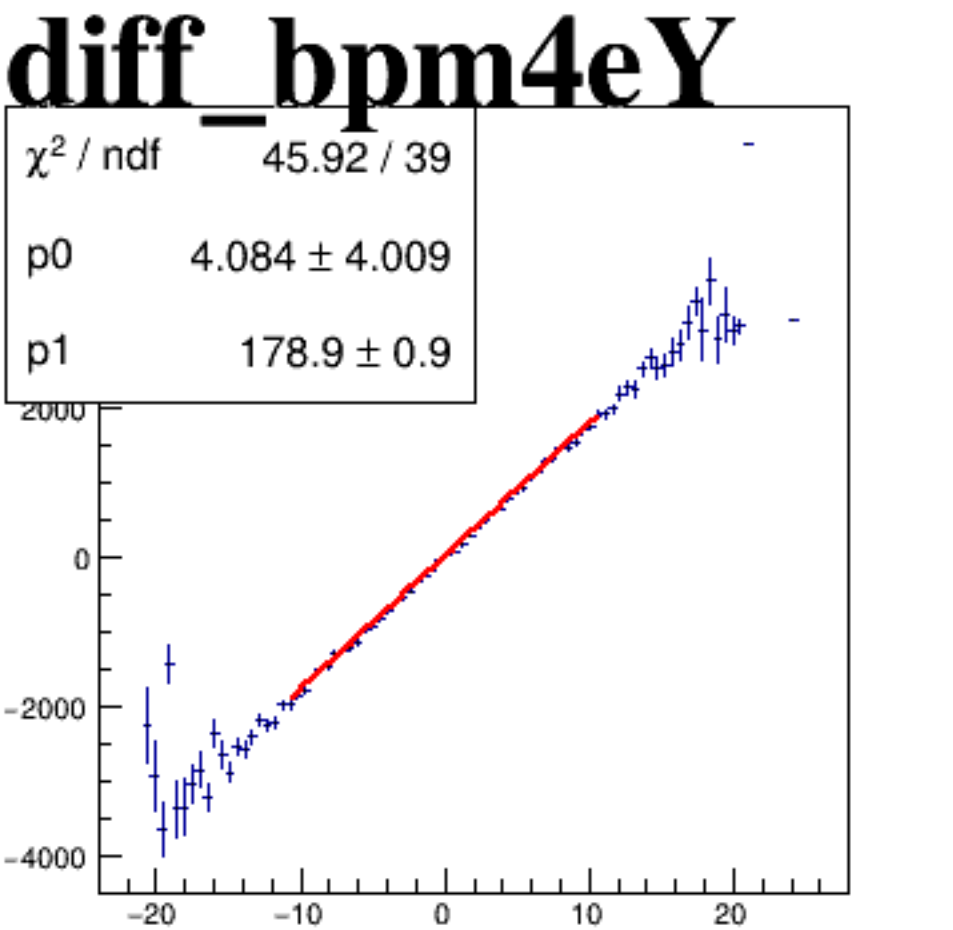
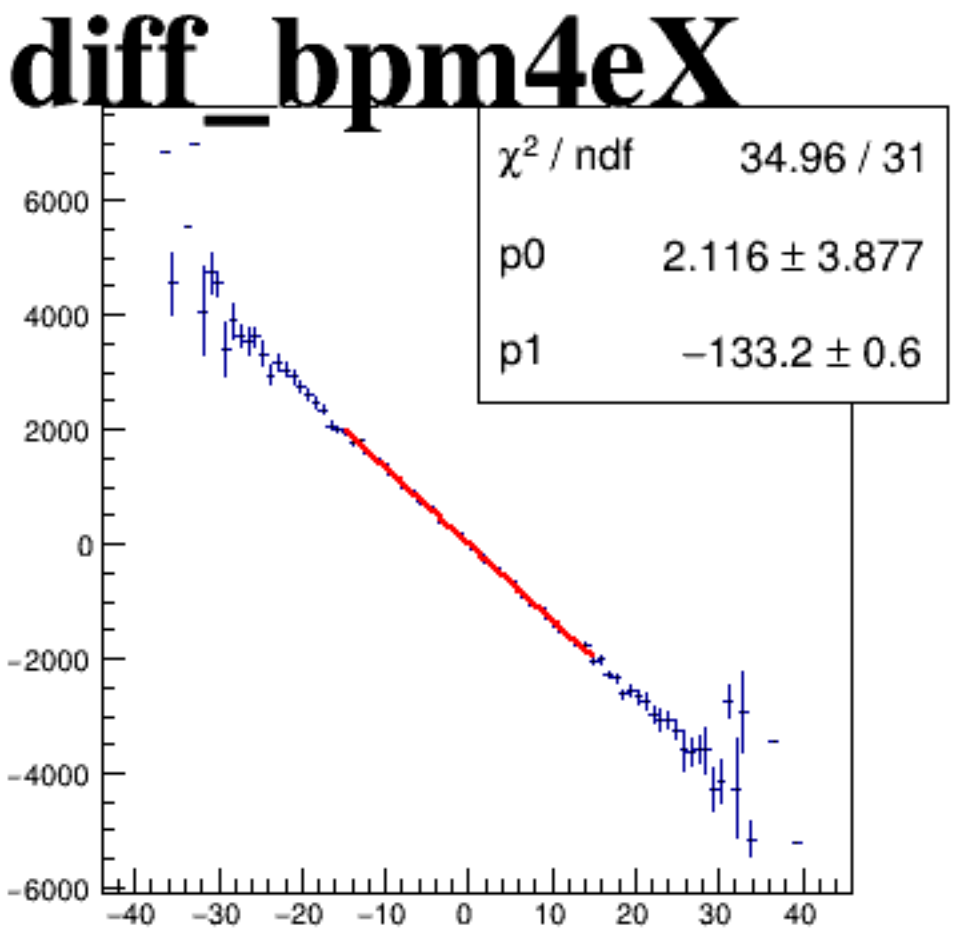
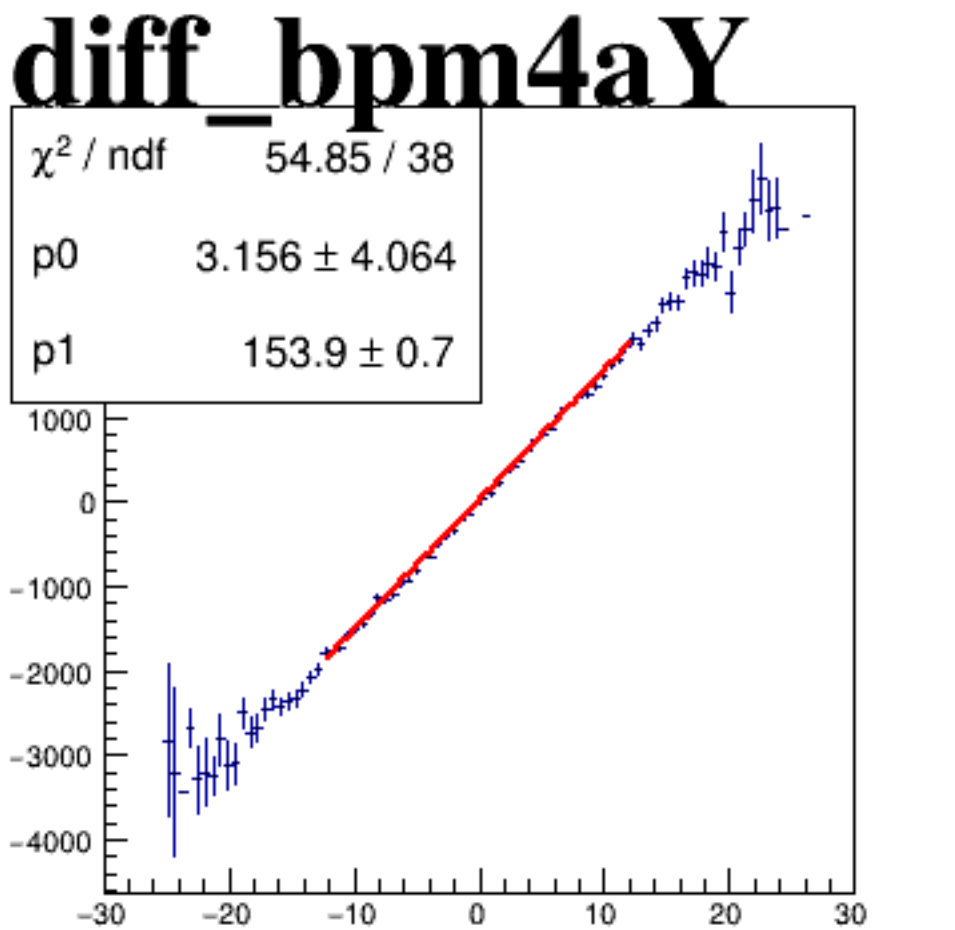
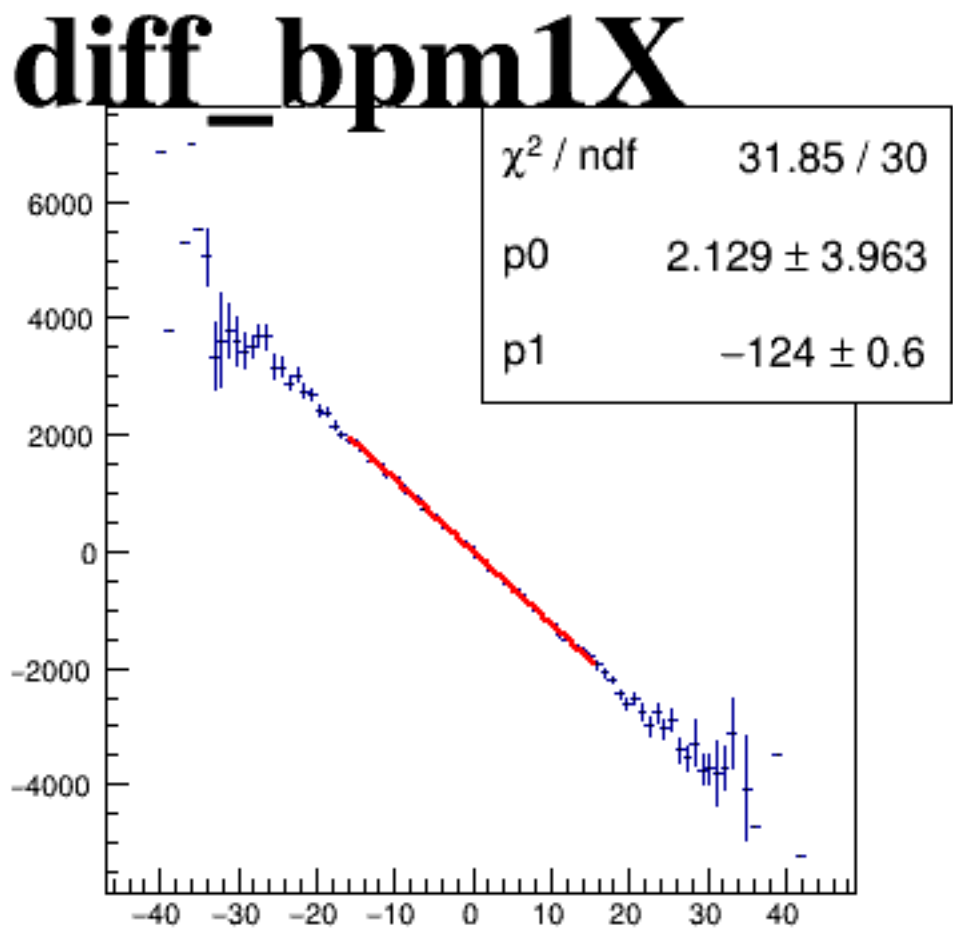
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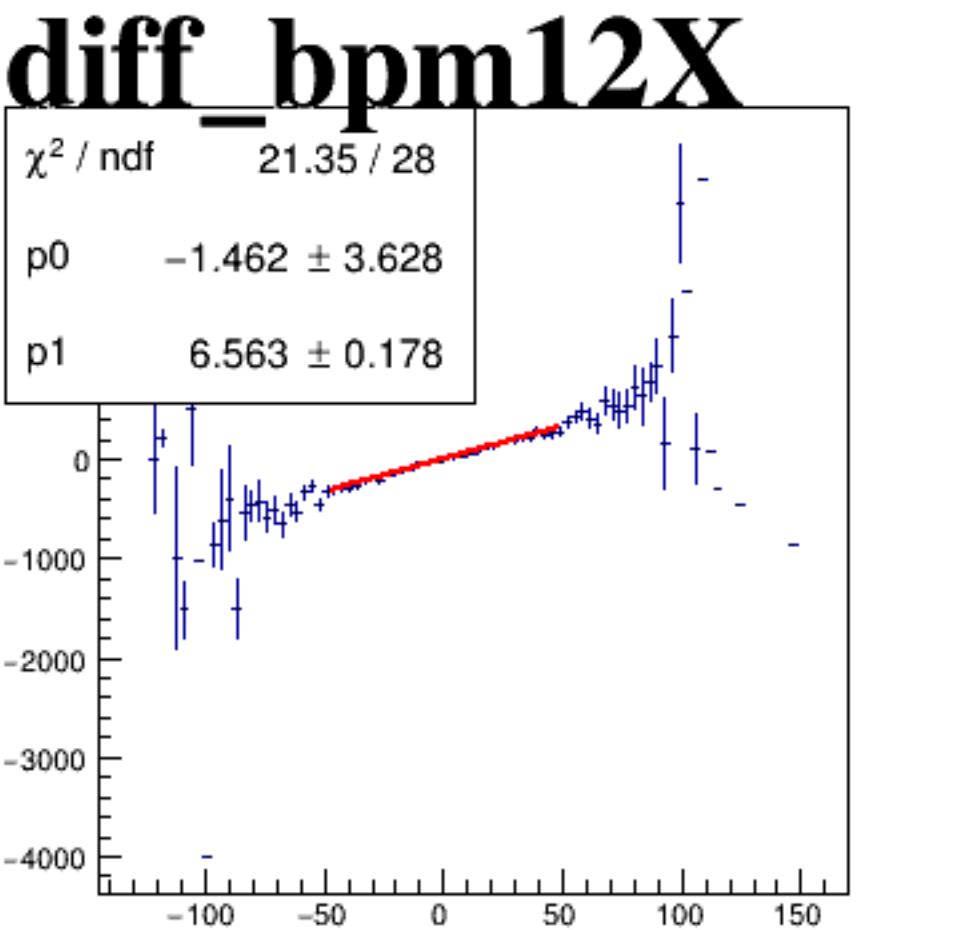
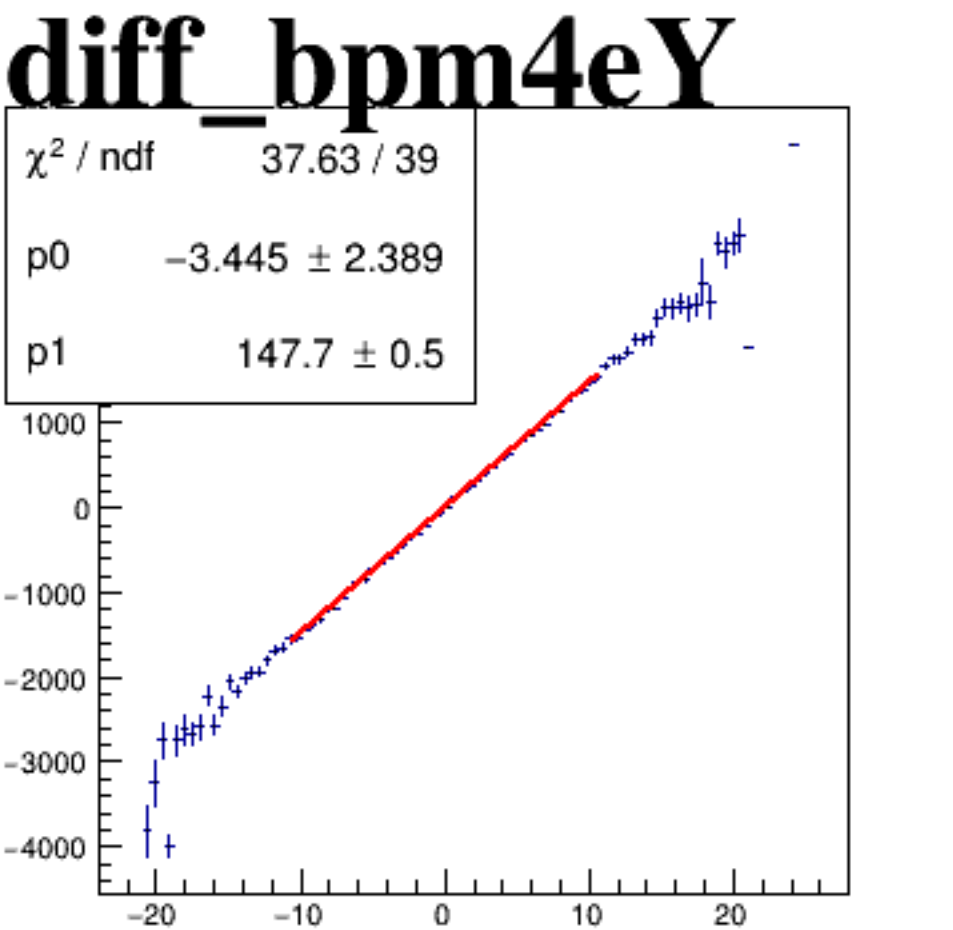
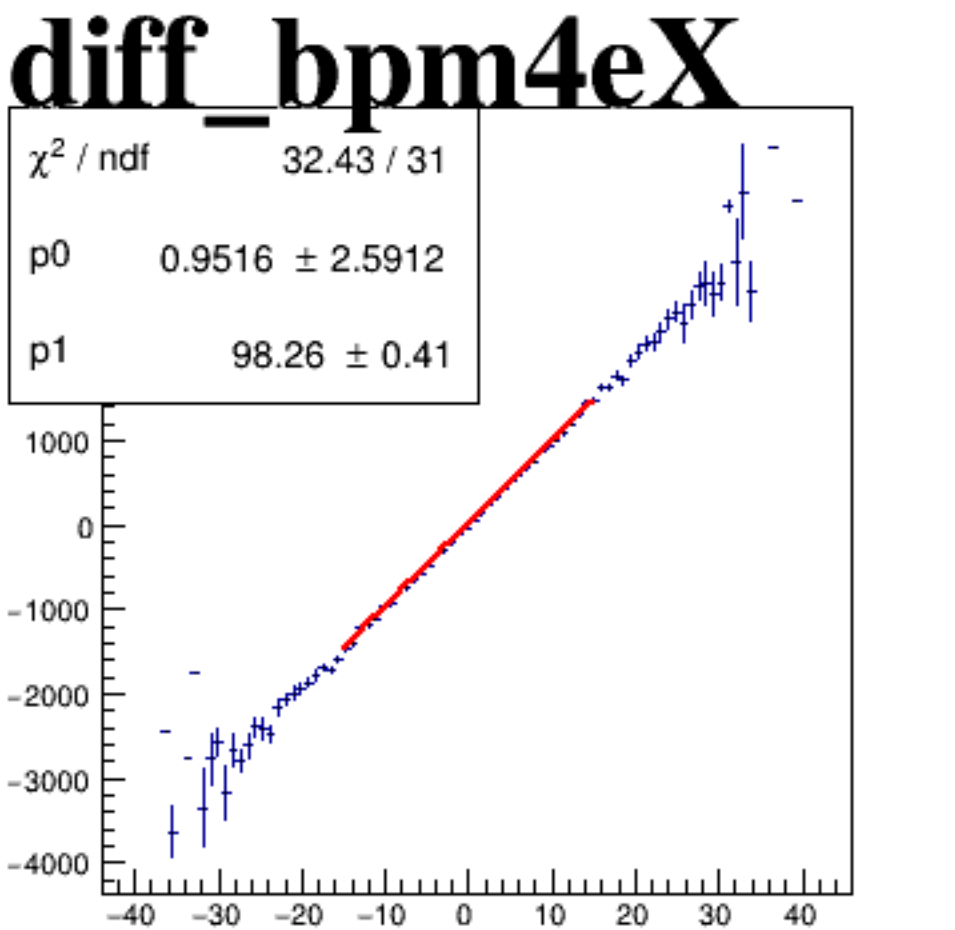
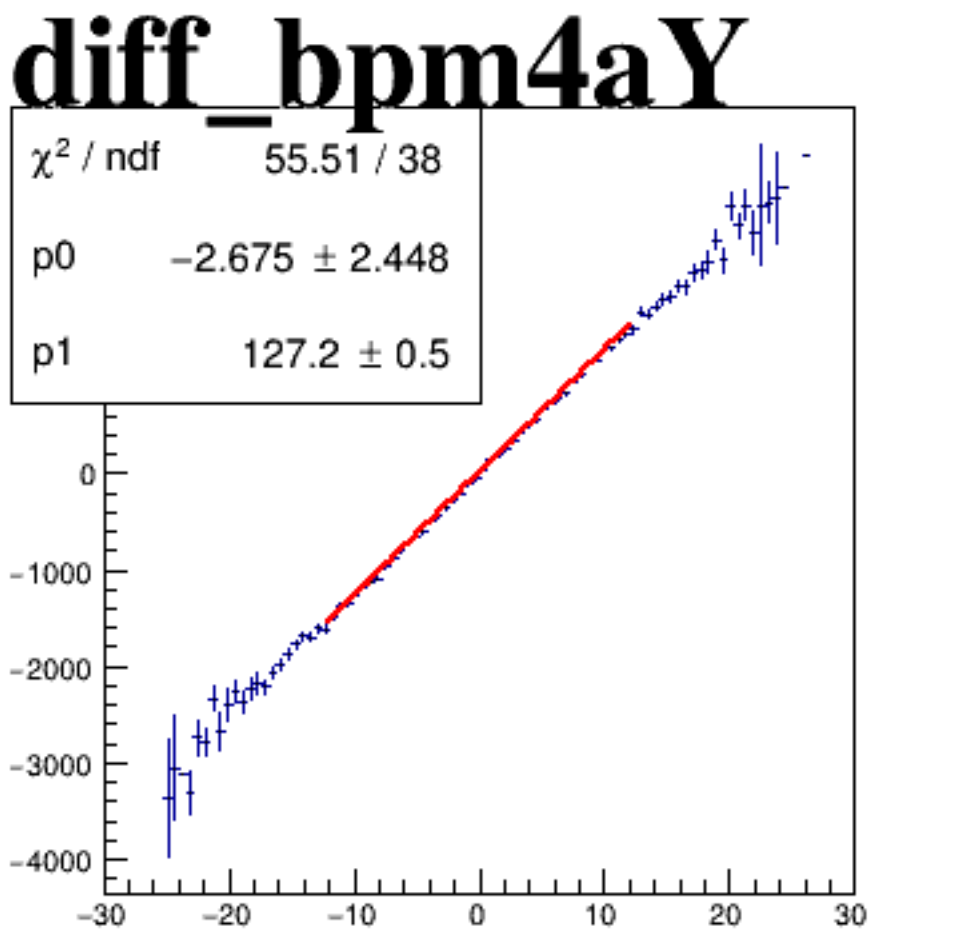
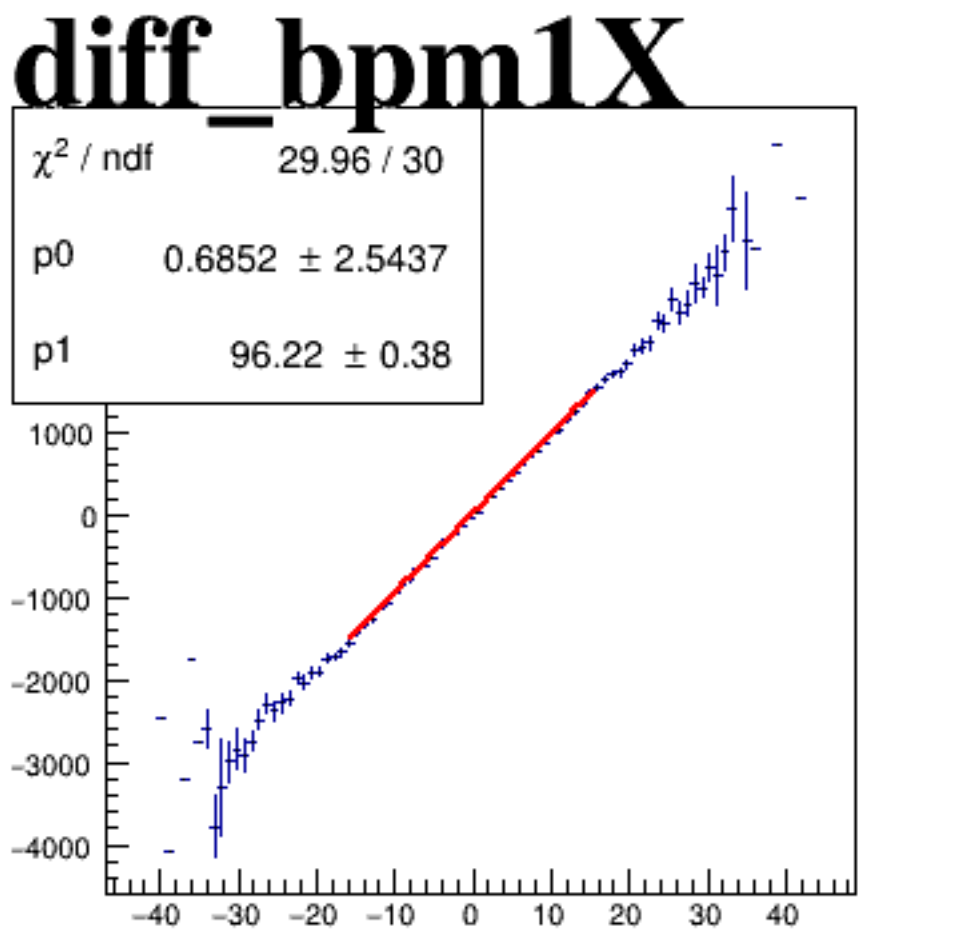
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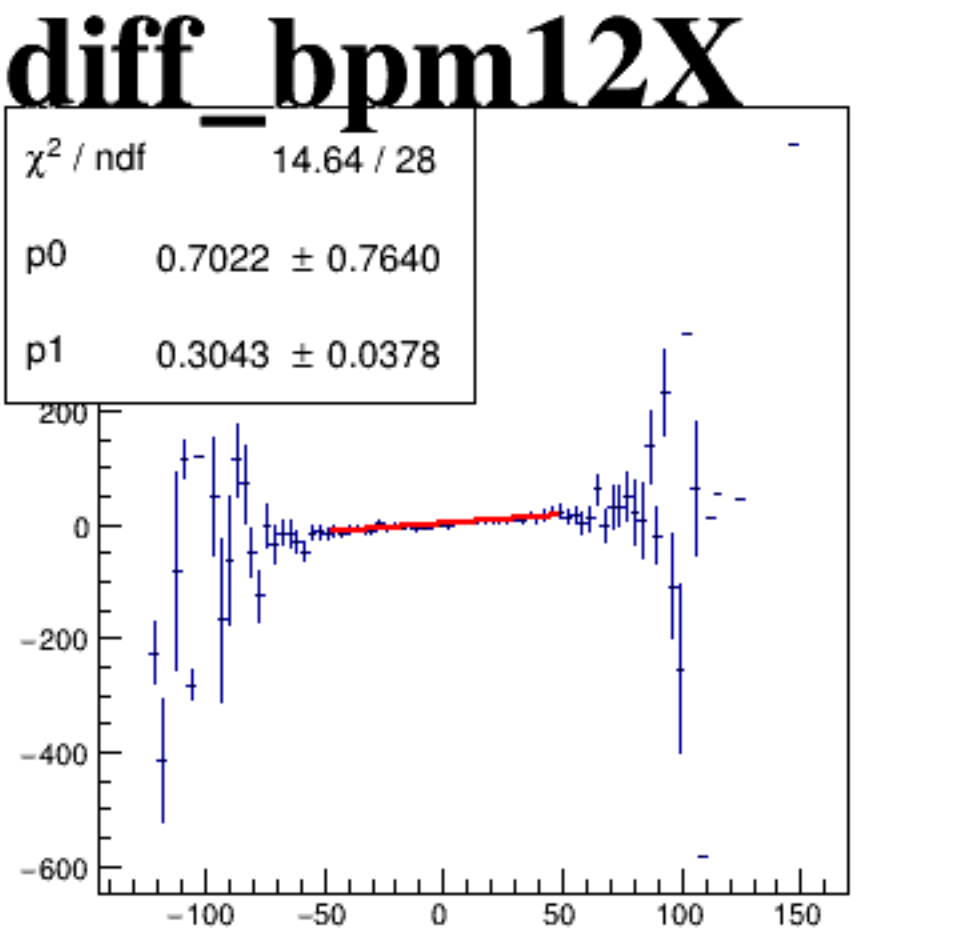
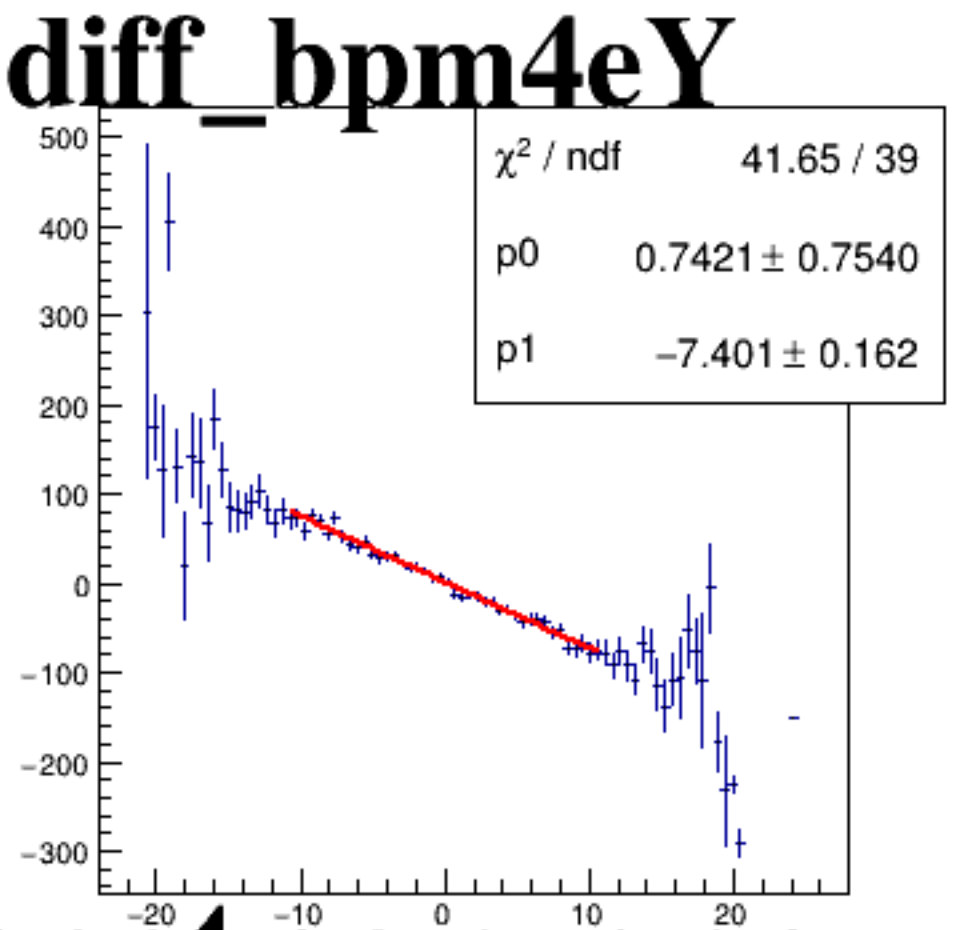
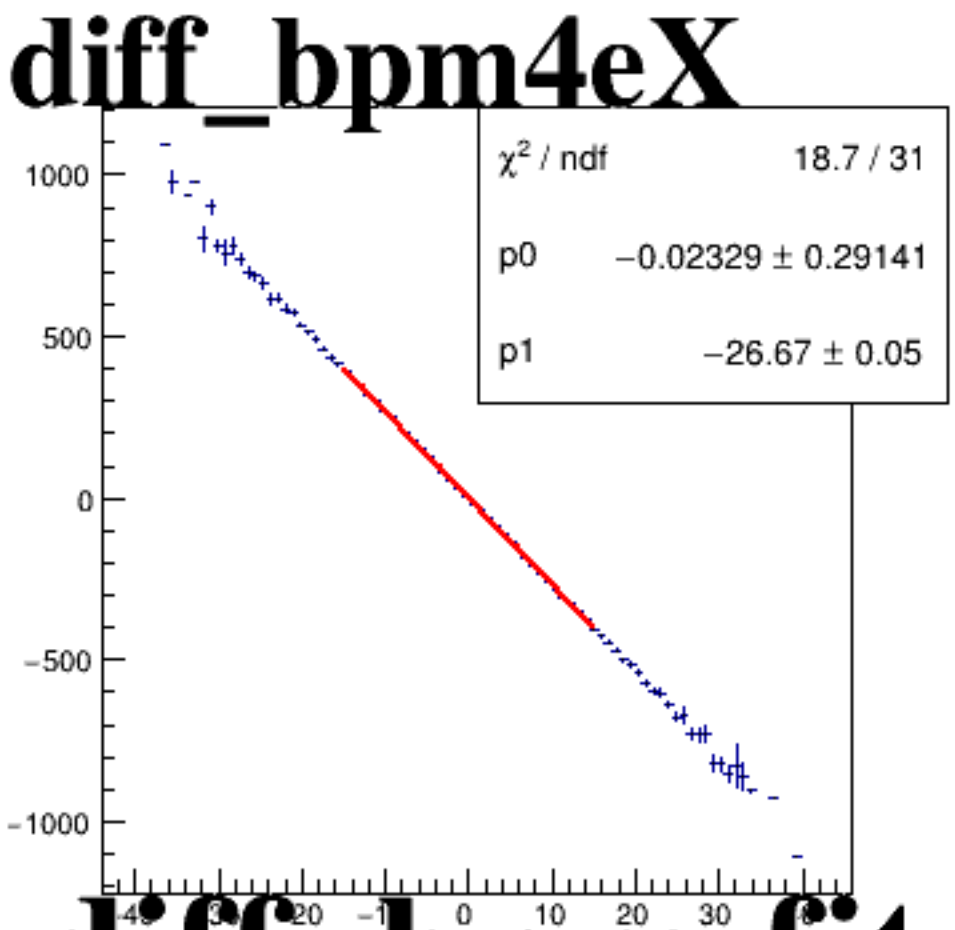
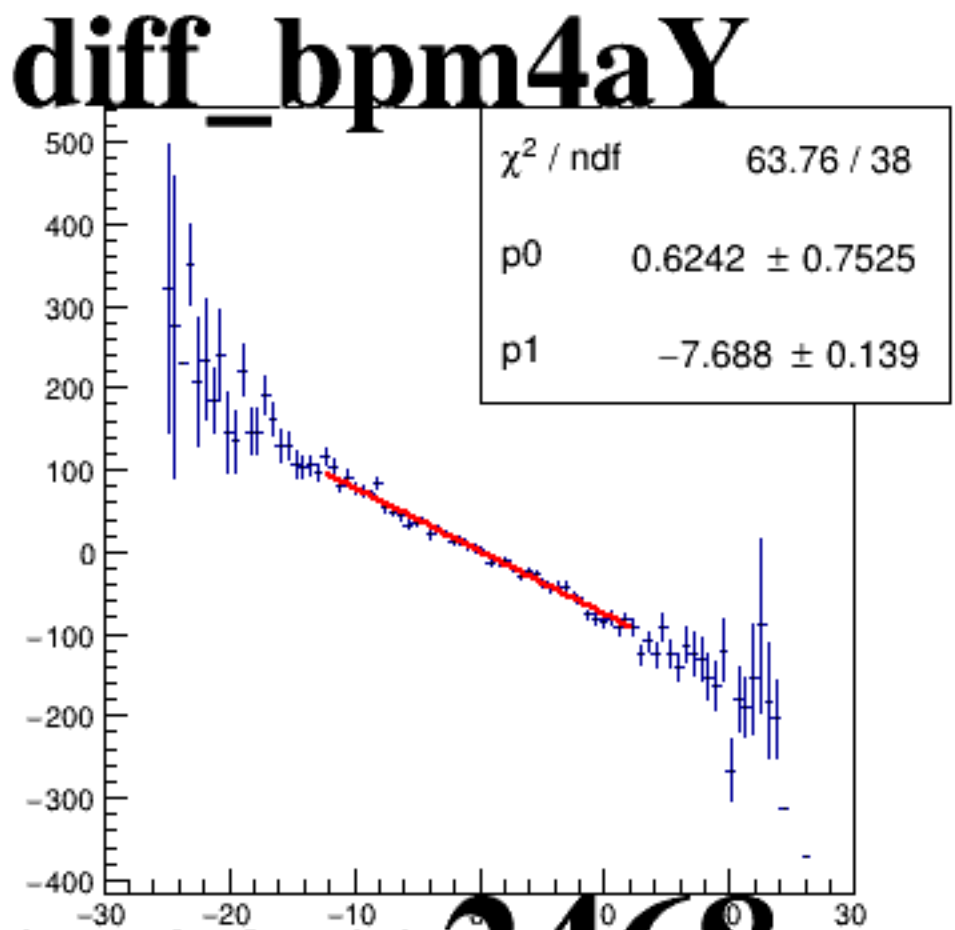
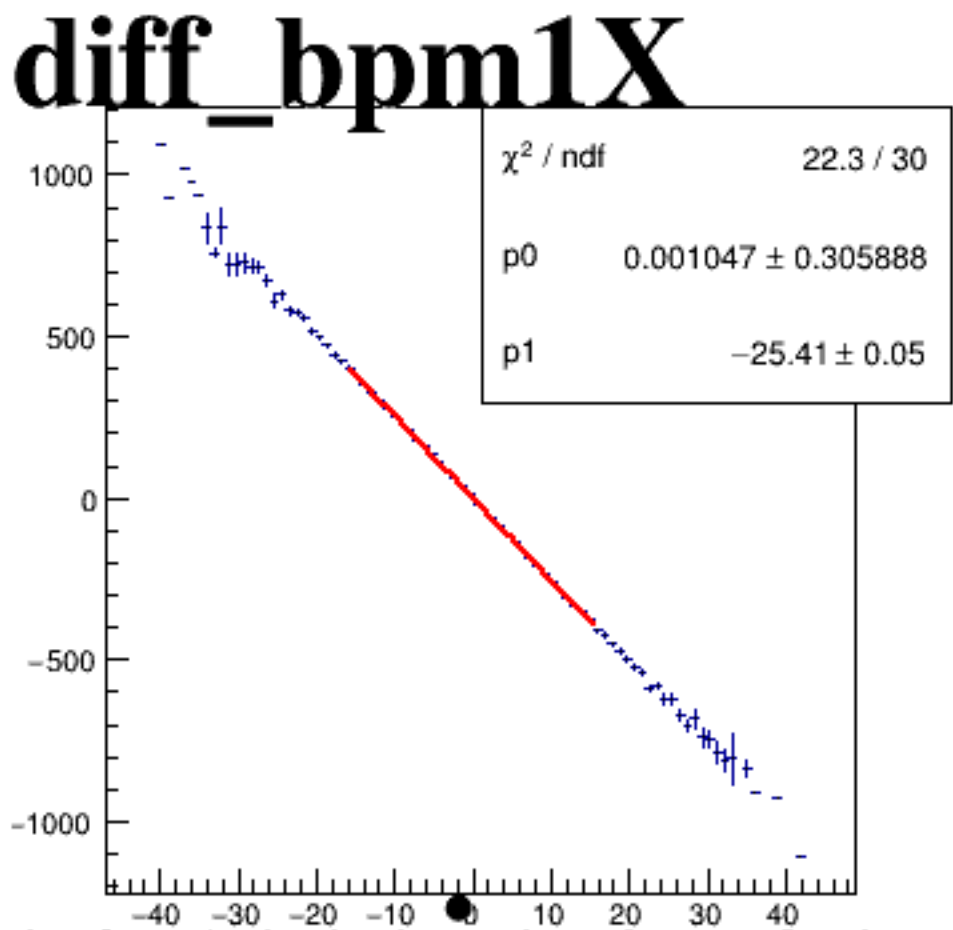
asym_sam4



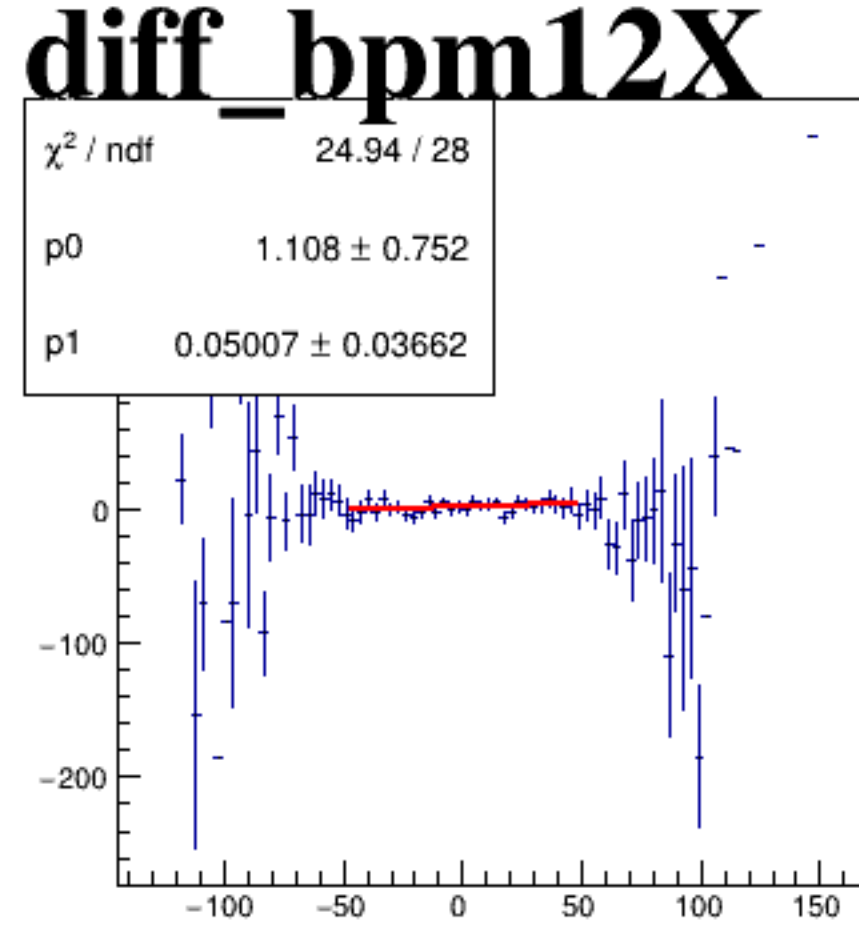
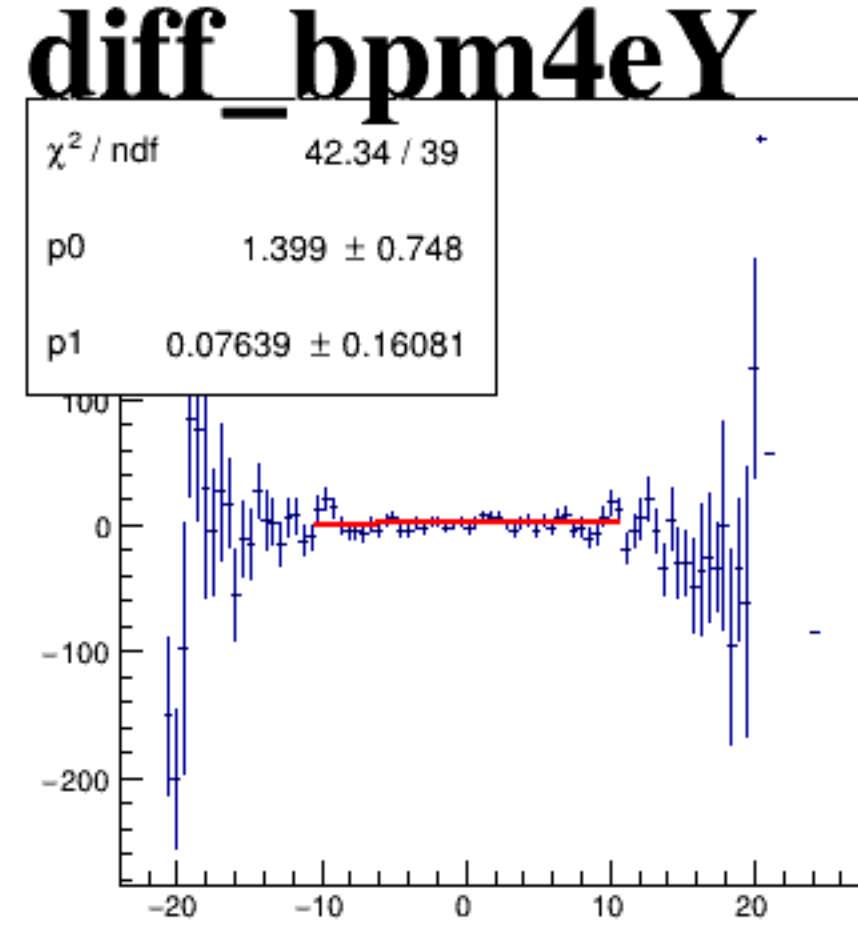
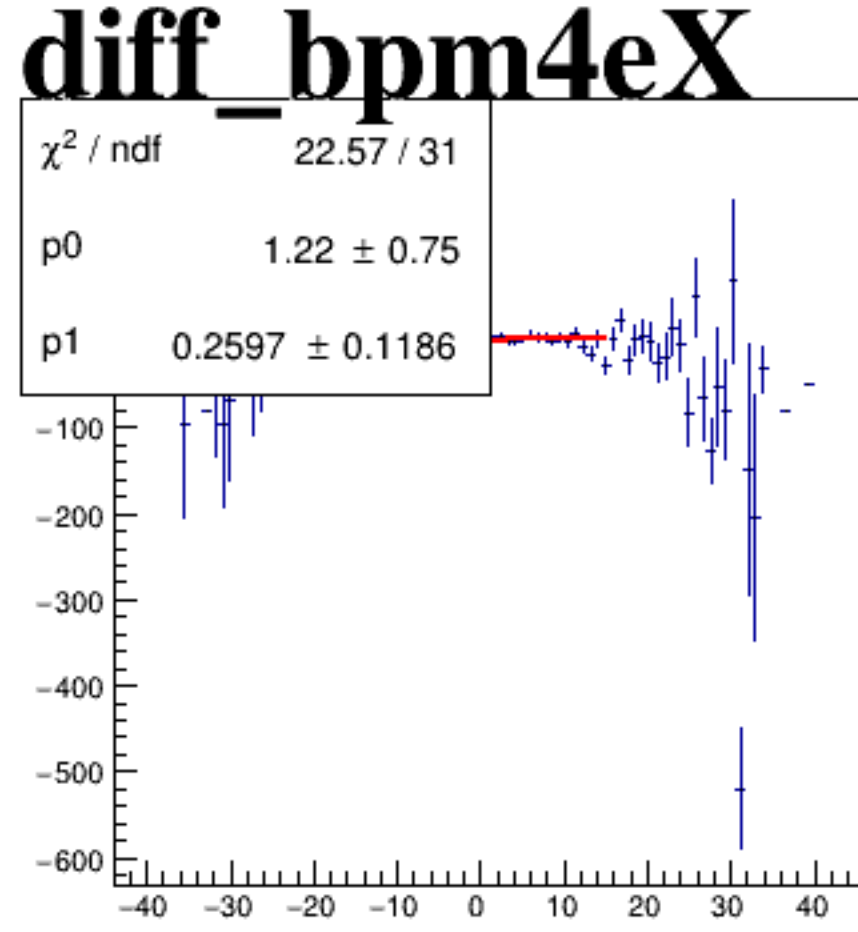
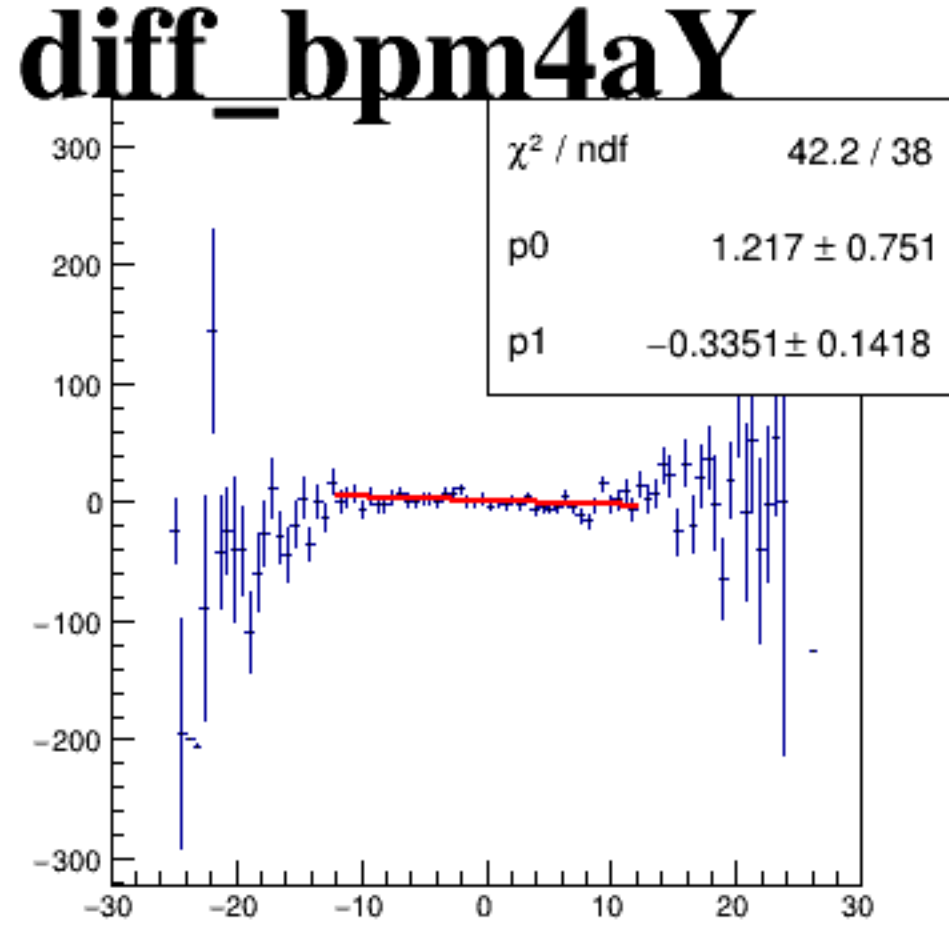
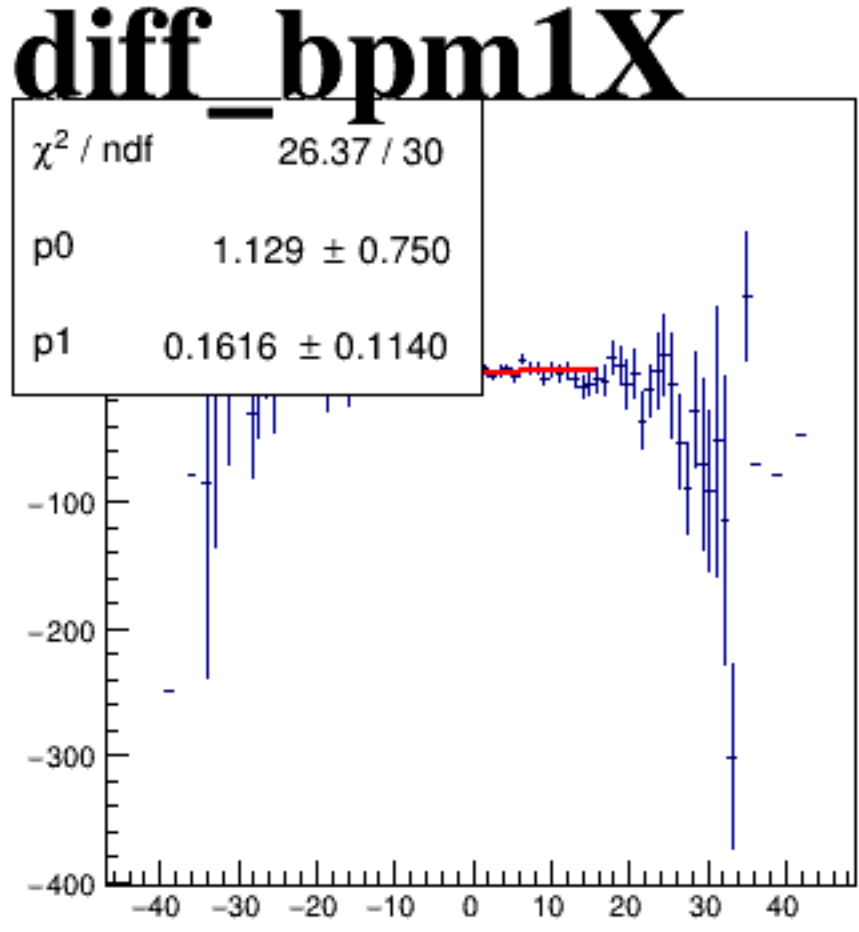
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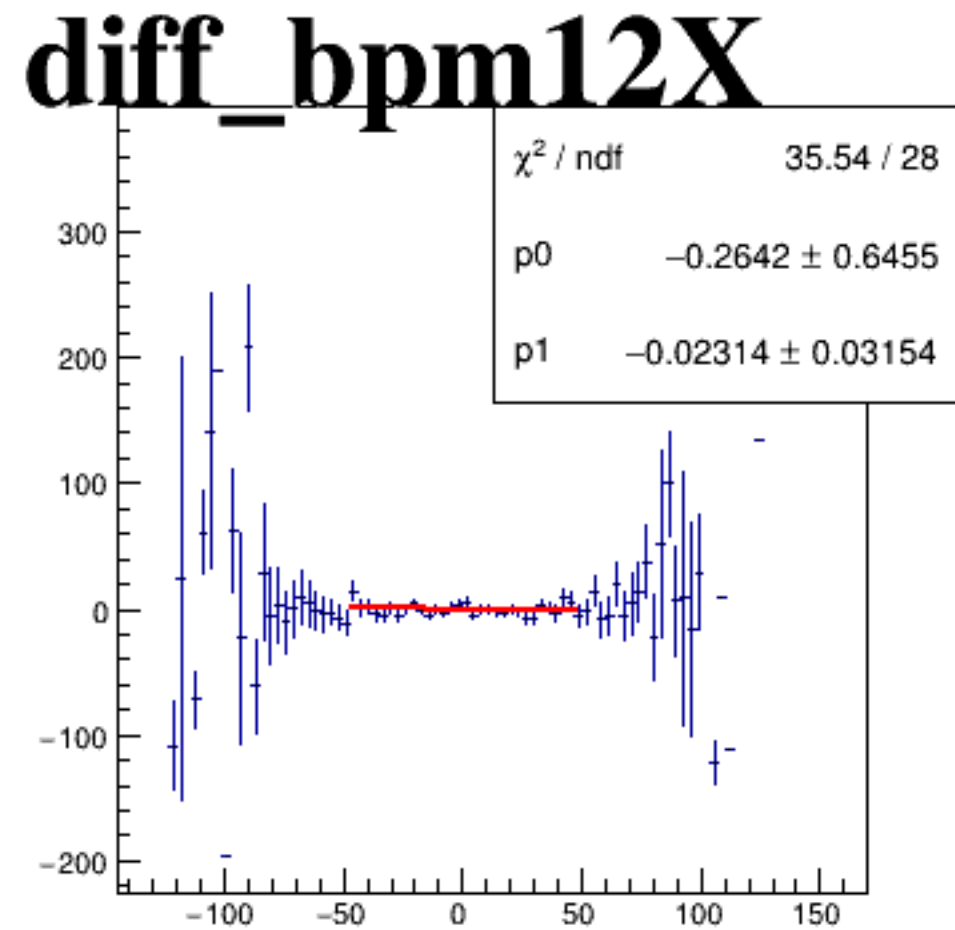
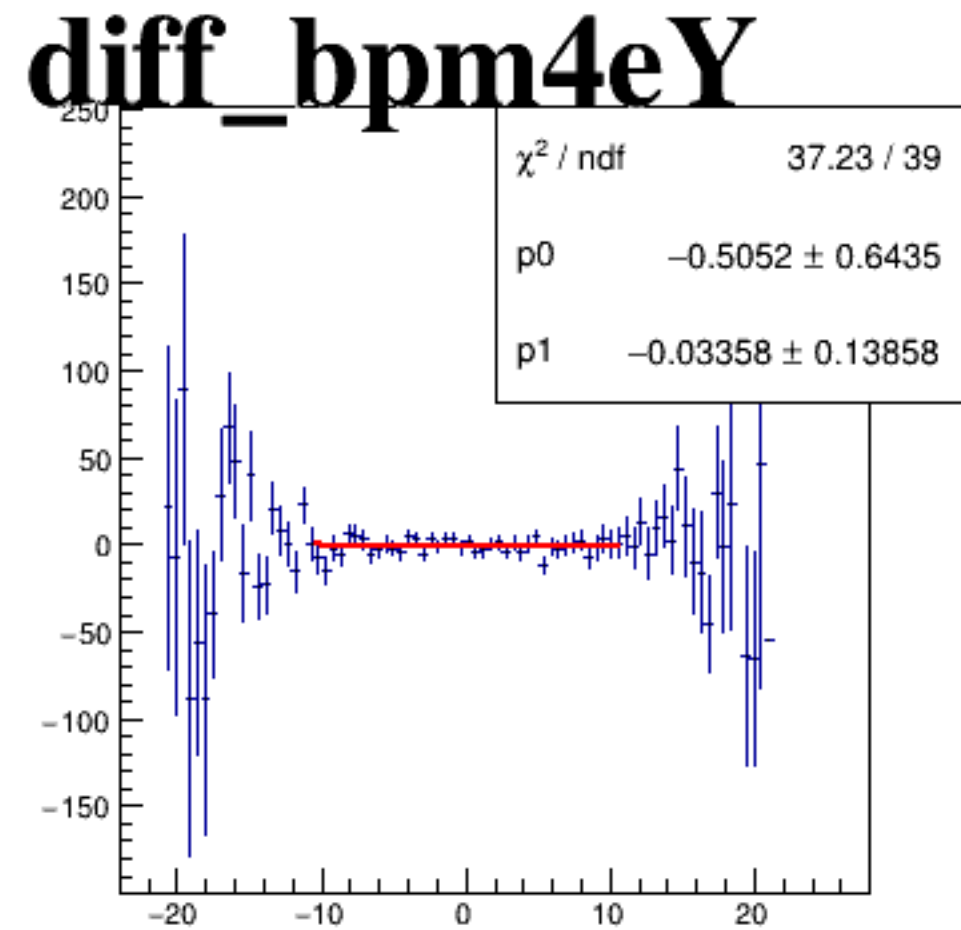
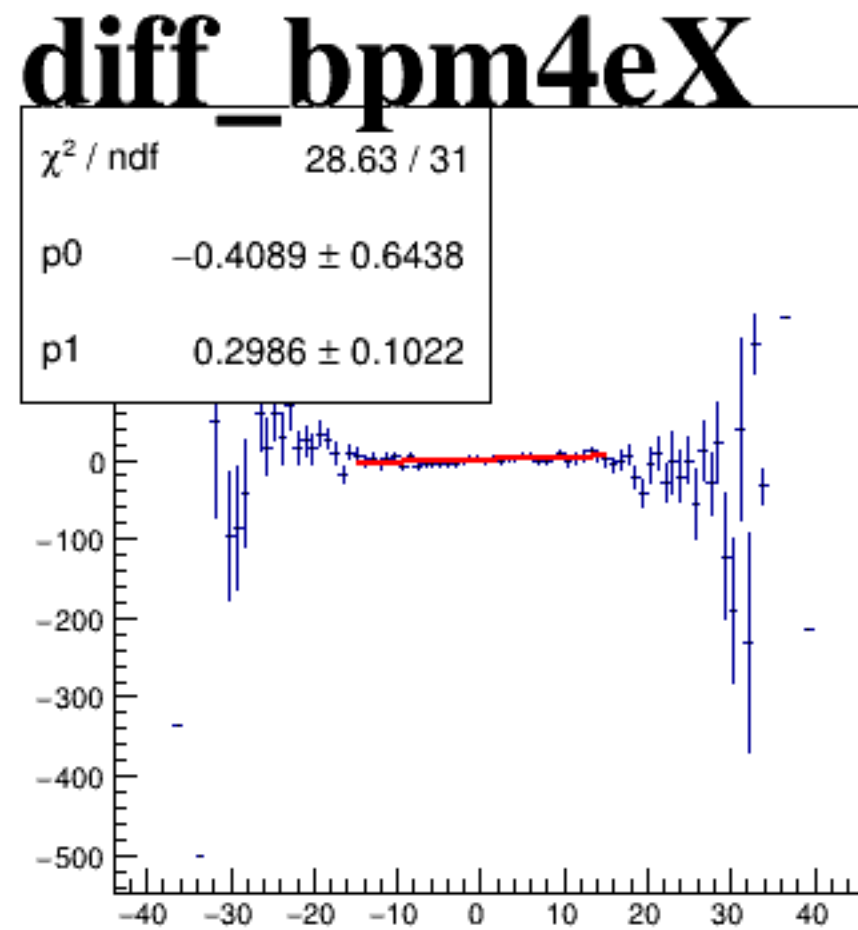
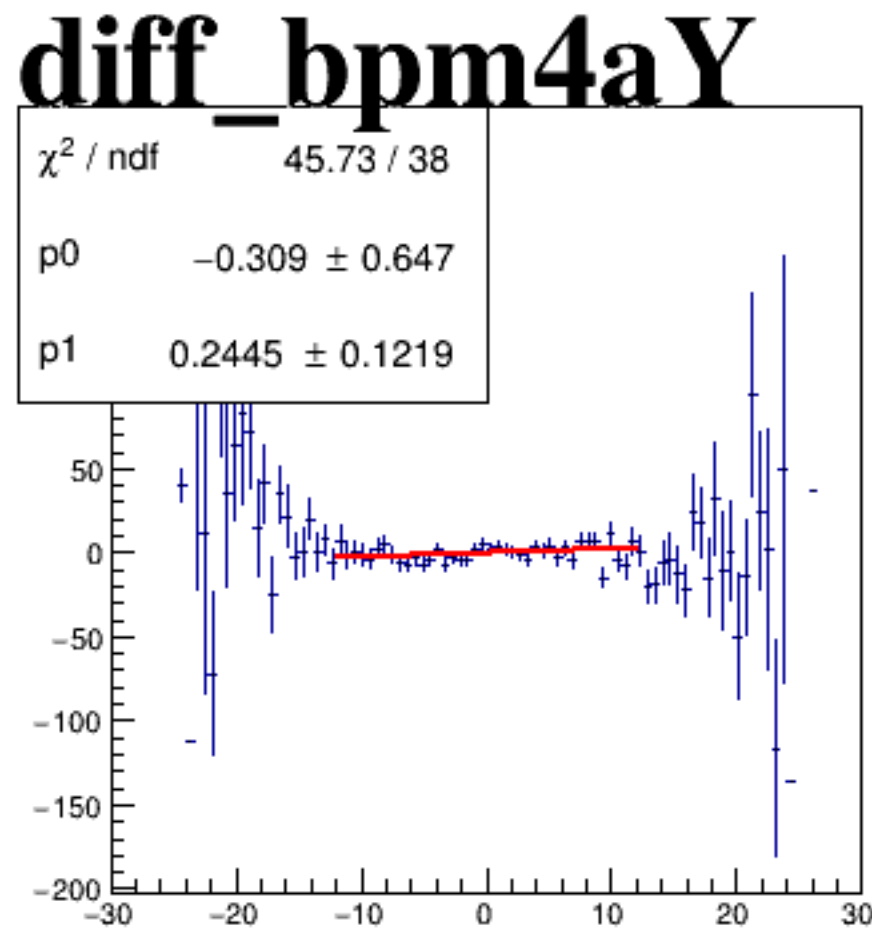
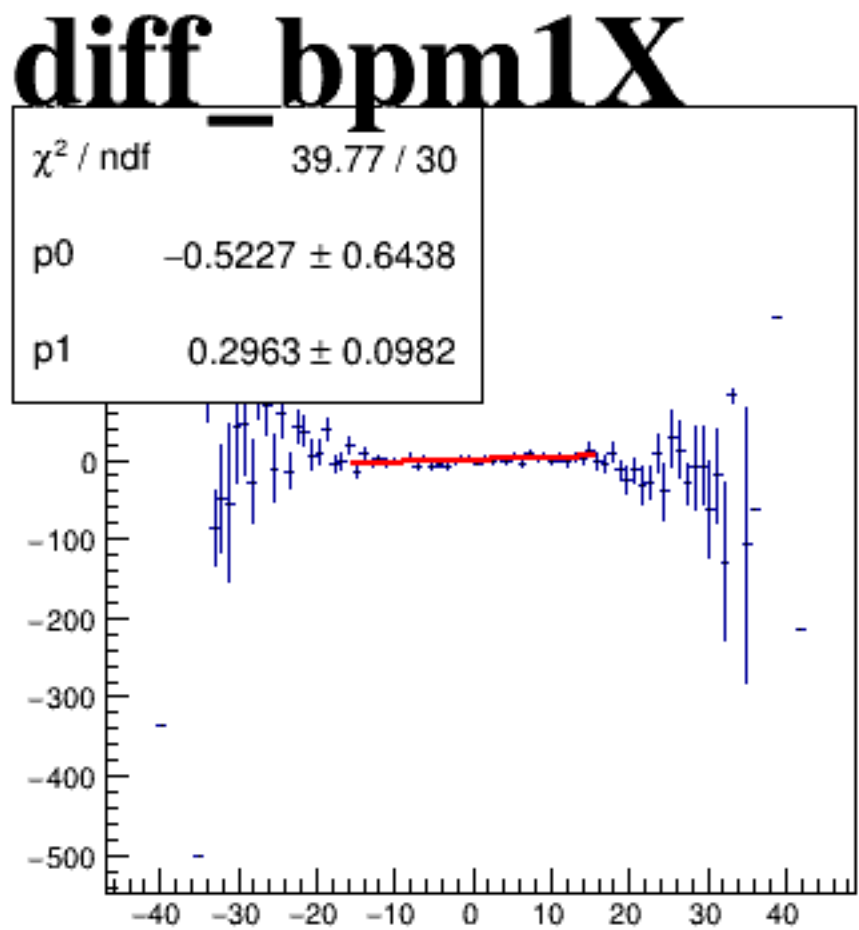
asym_sam8



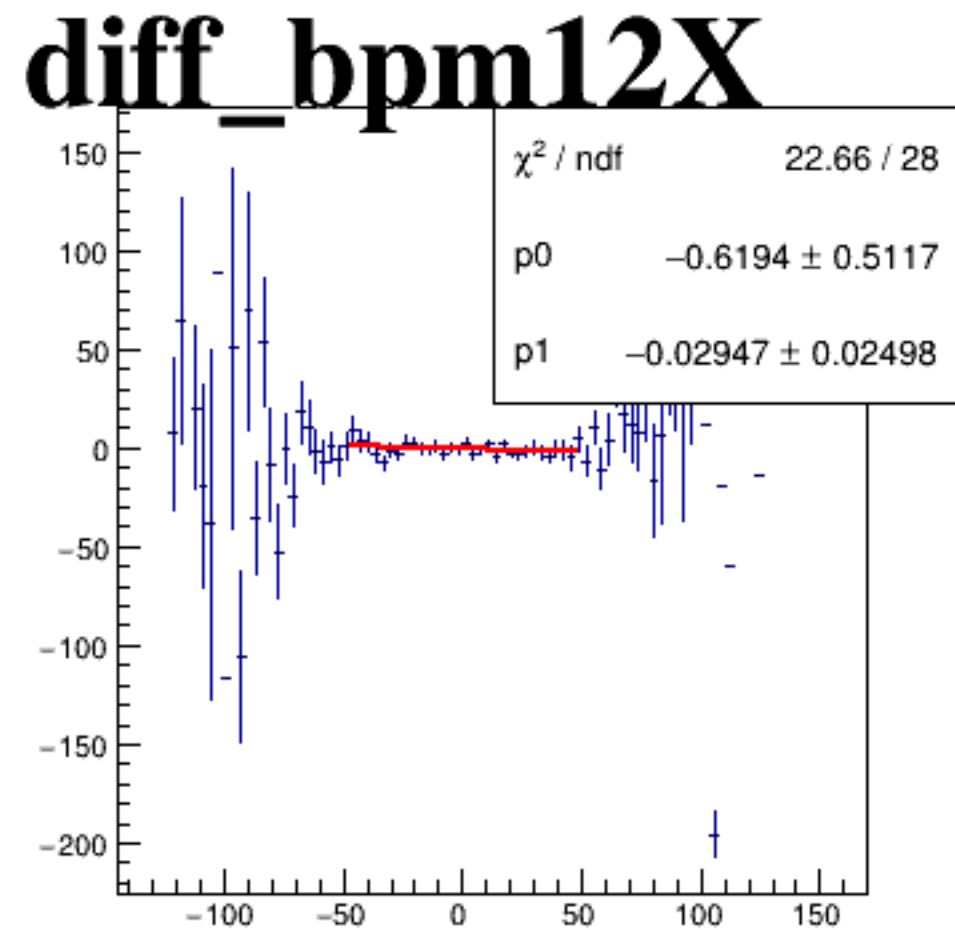
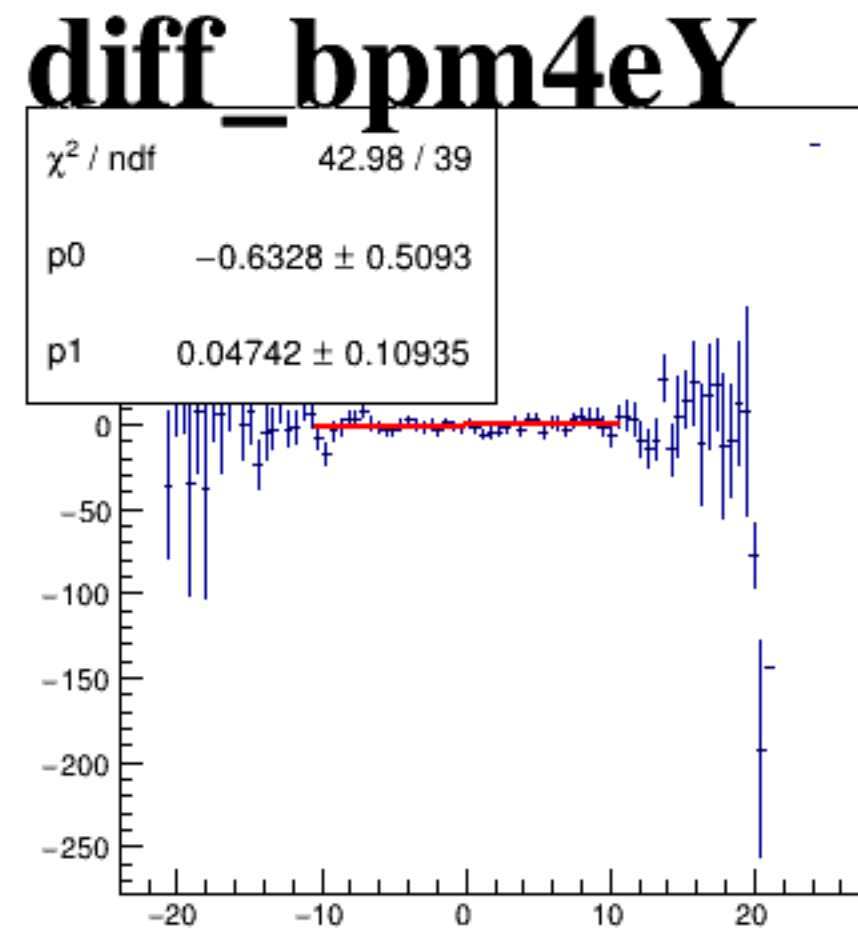
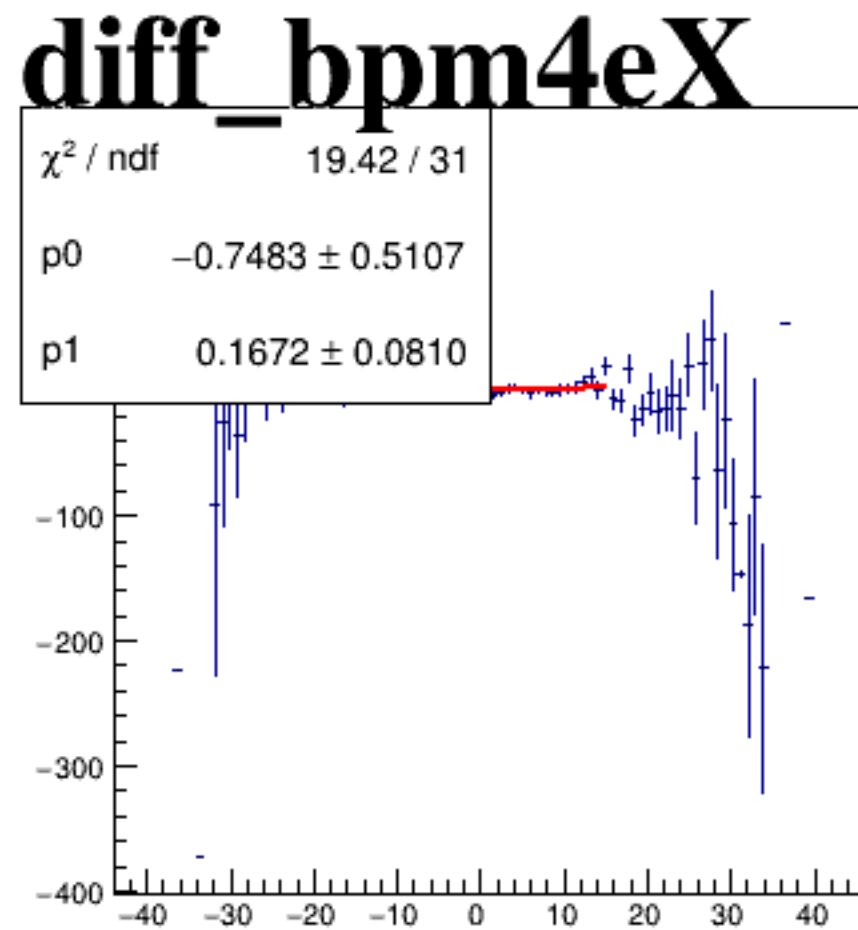
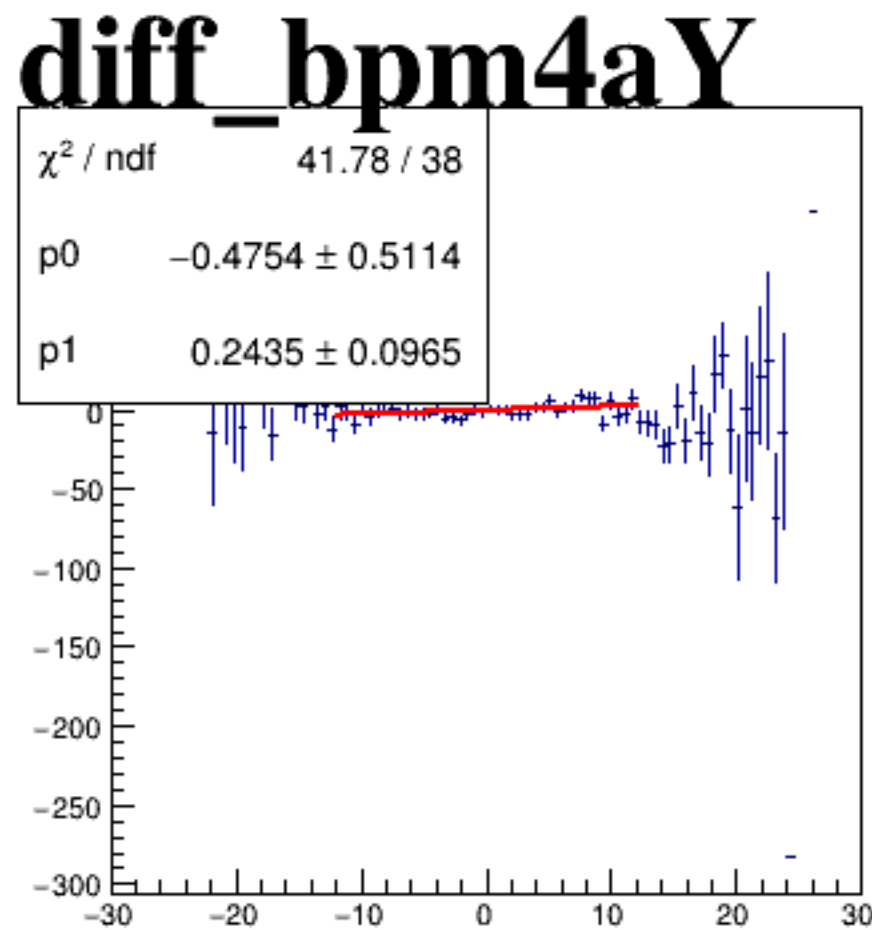
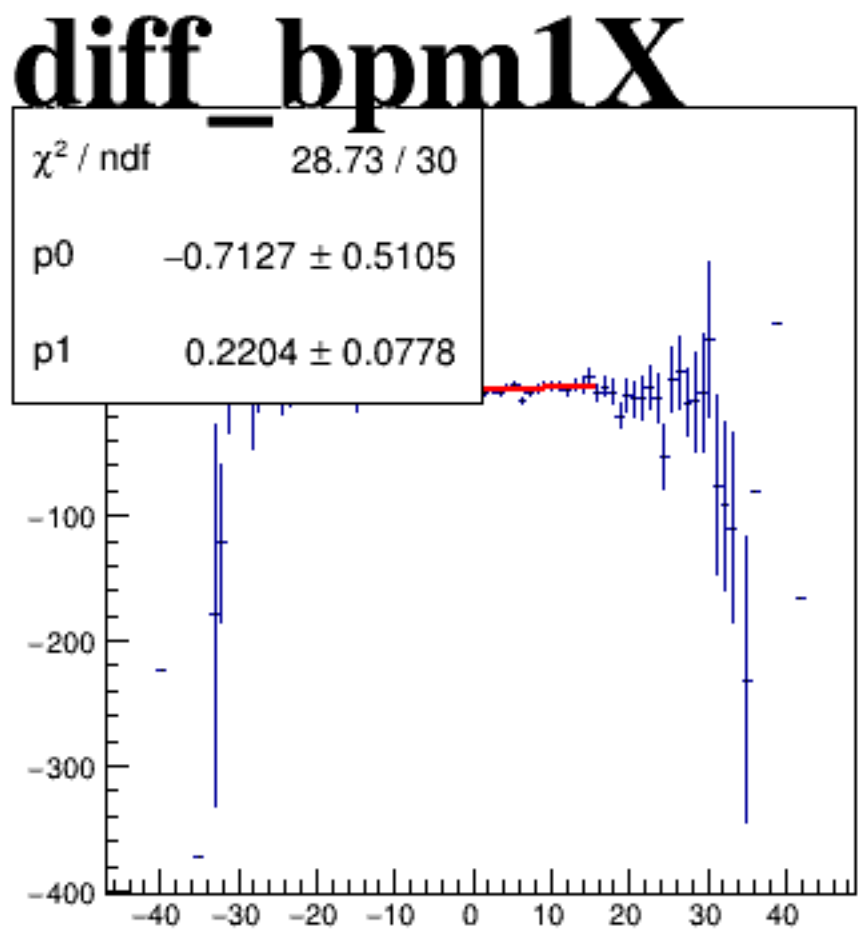
reg_asym_sam2



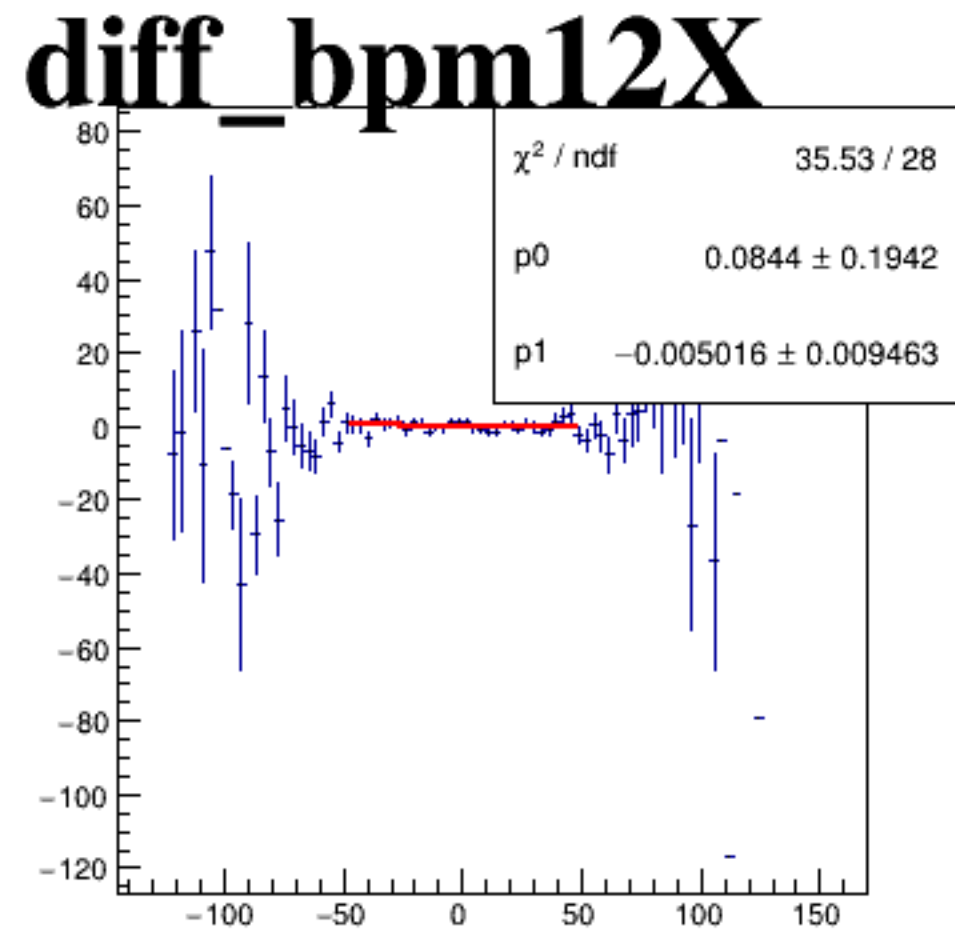
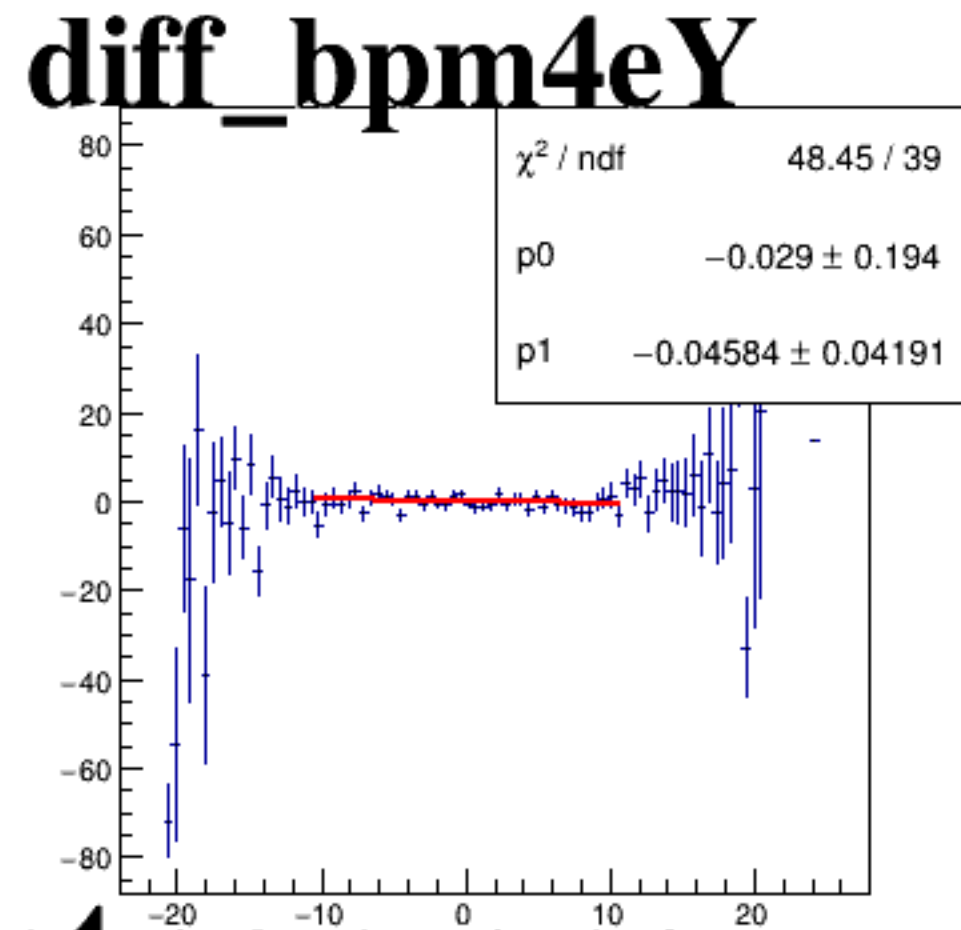
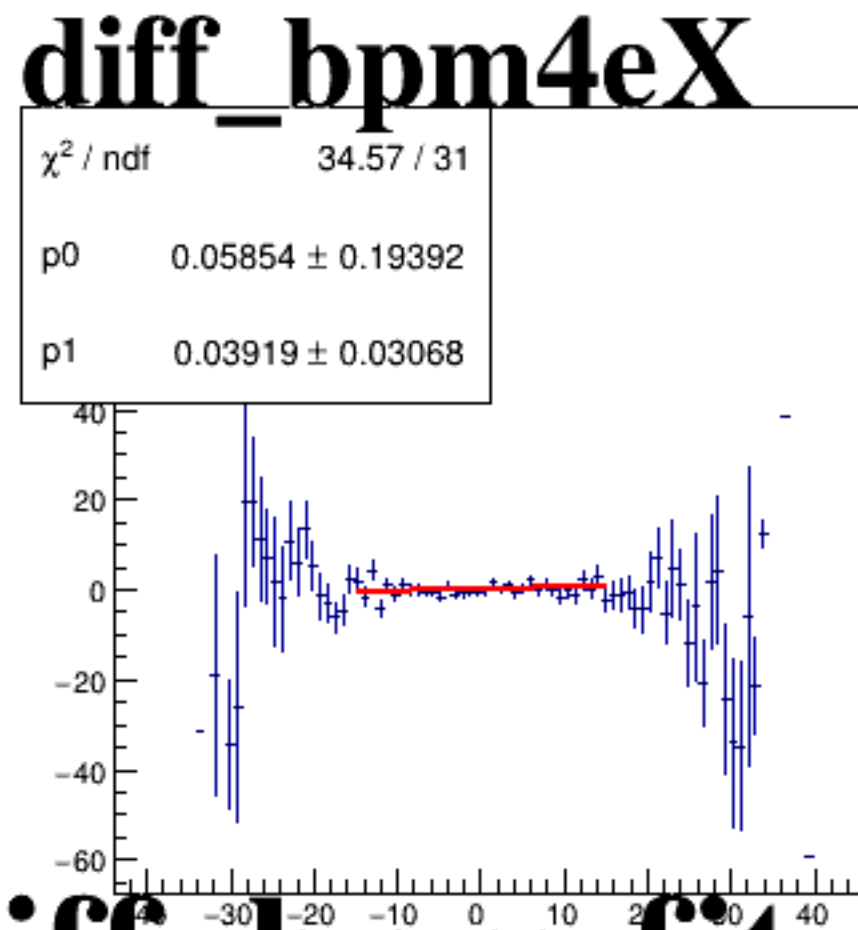
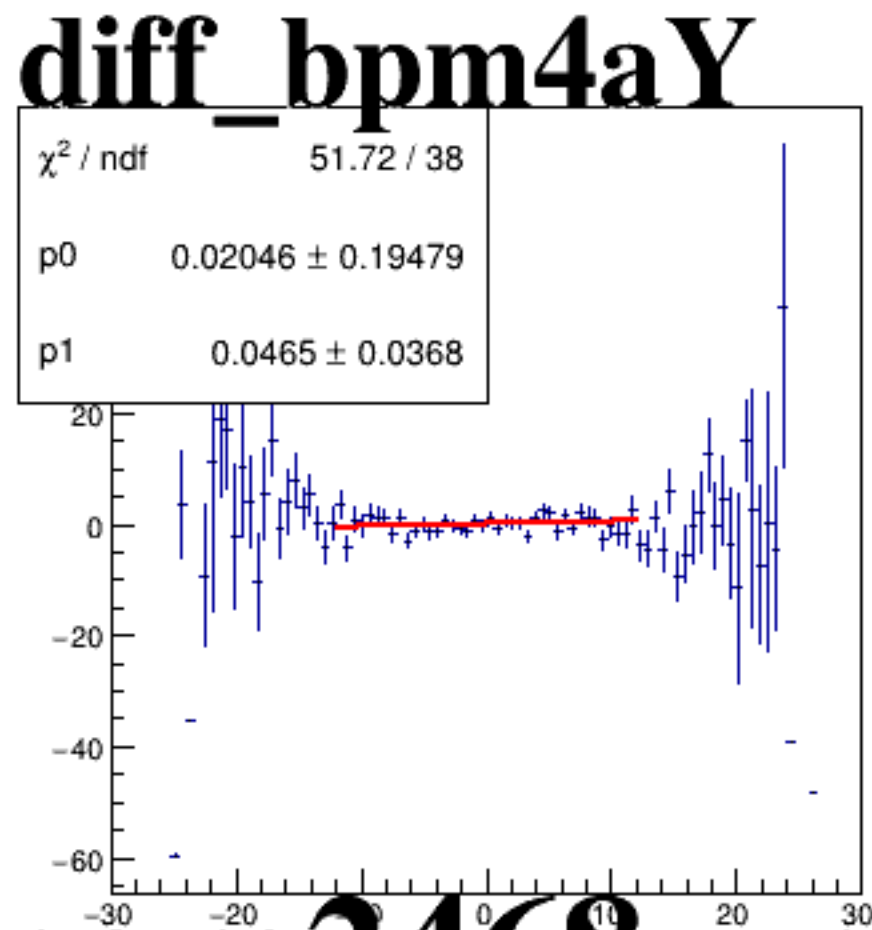
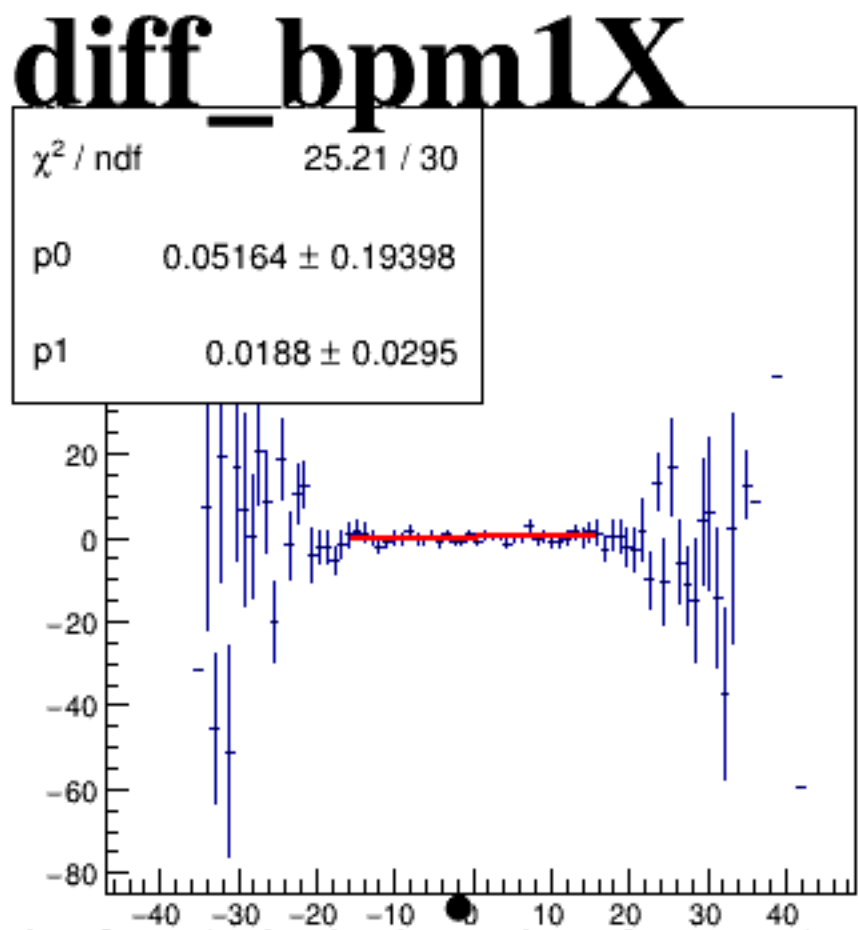
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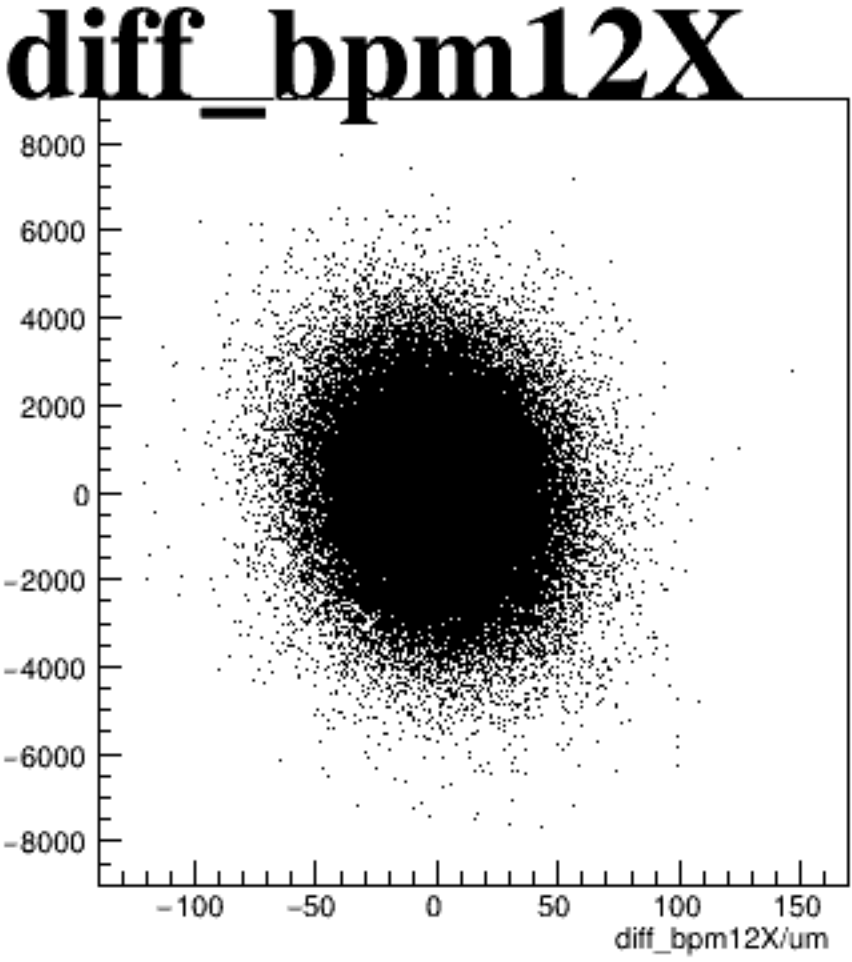
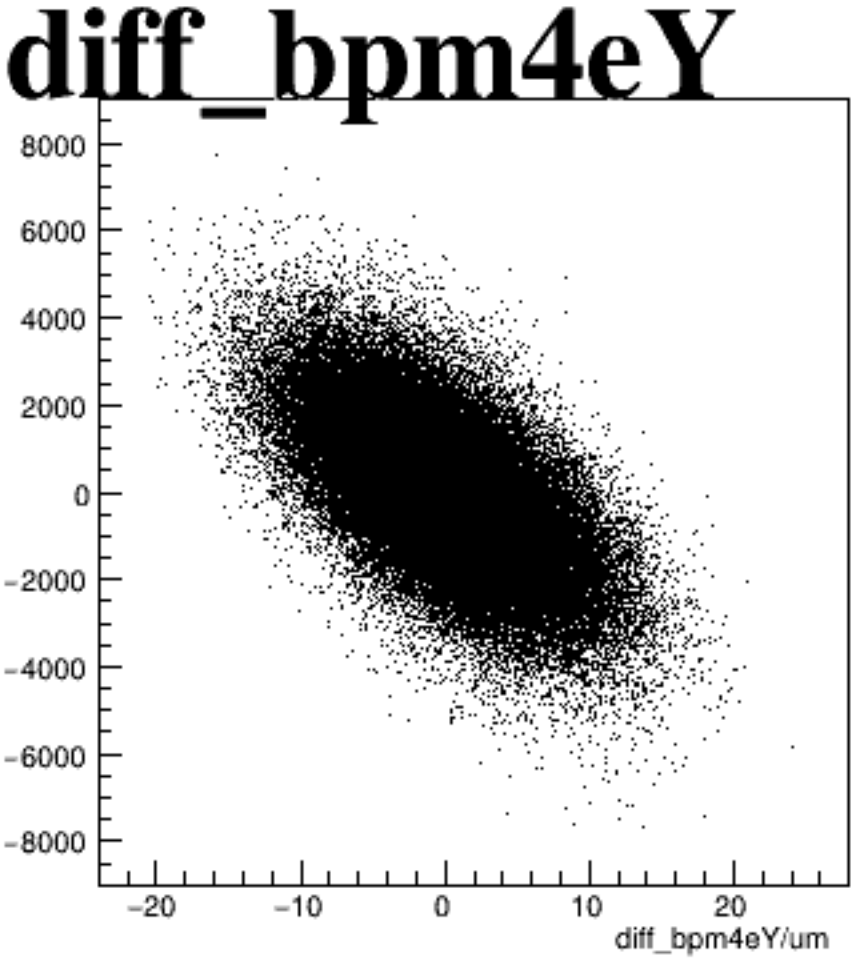
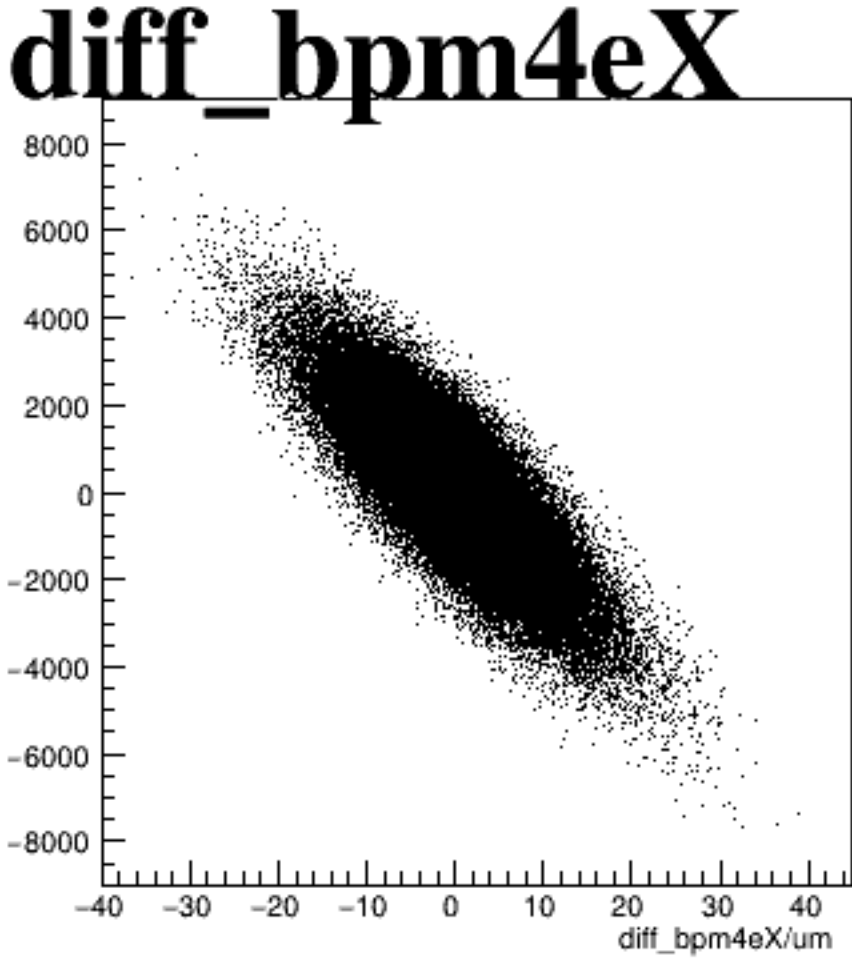
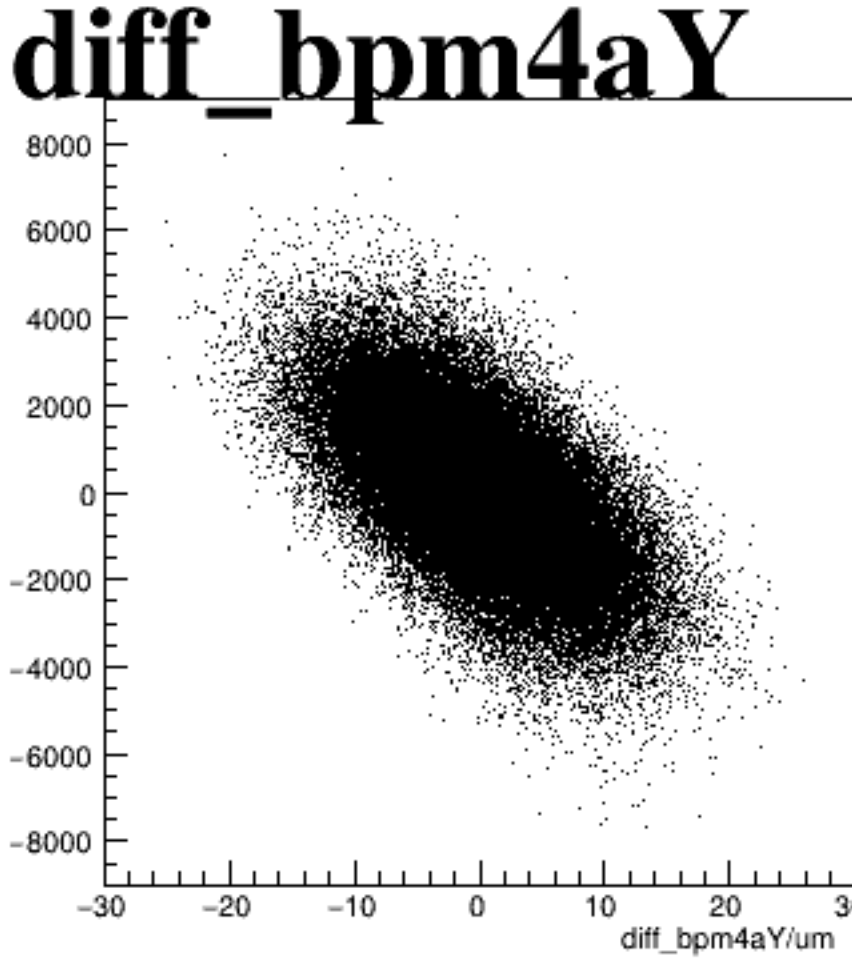
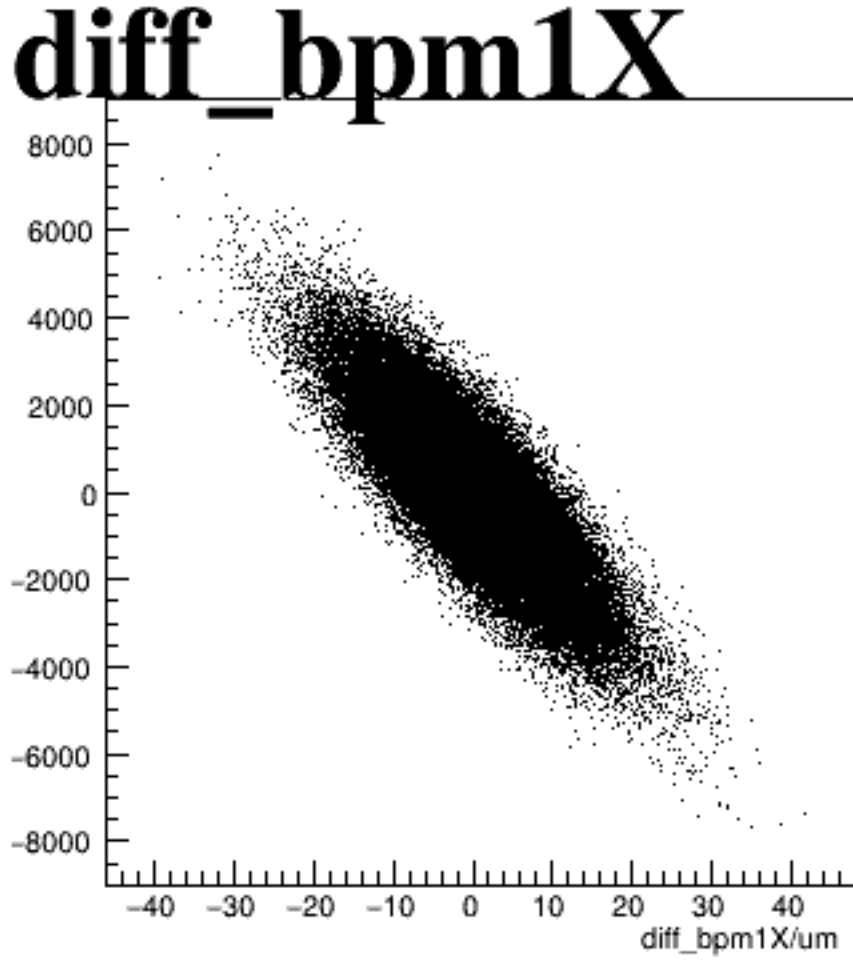
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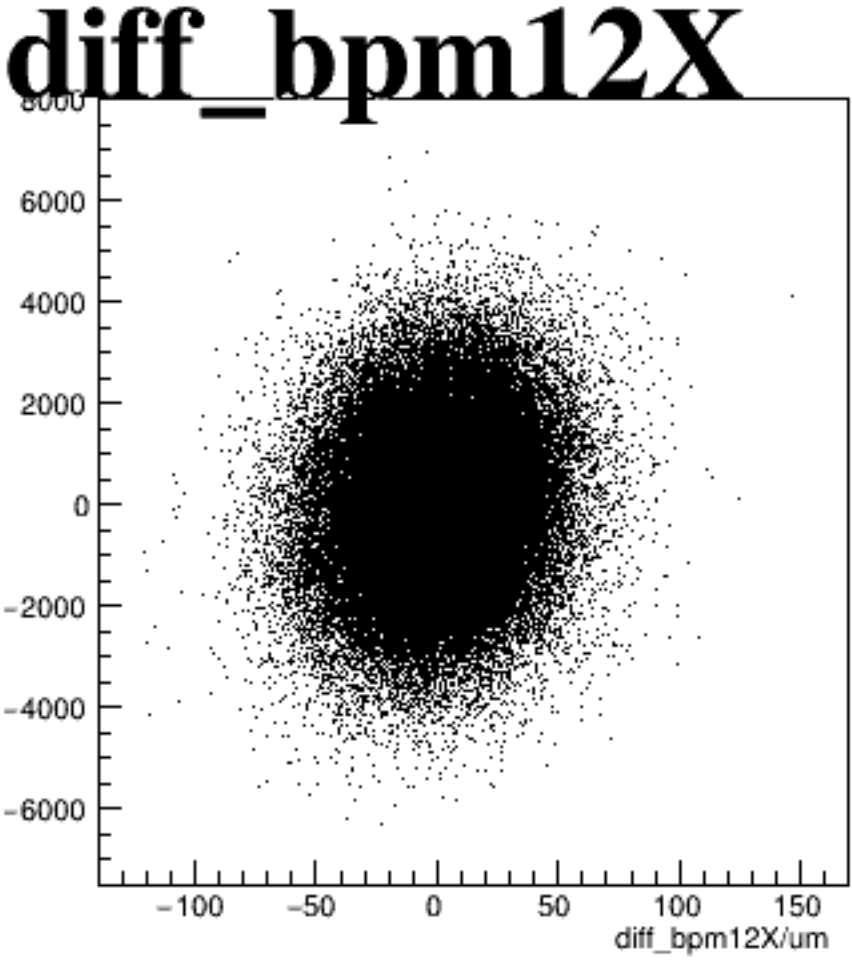
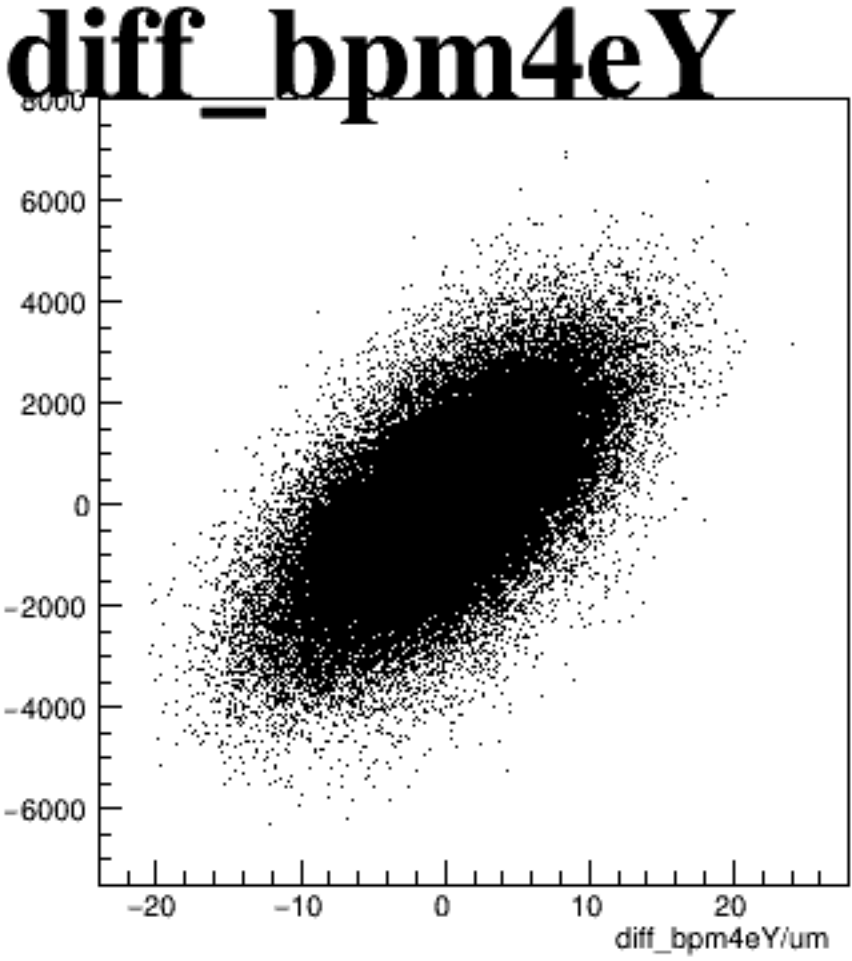
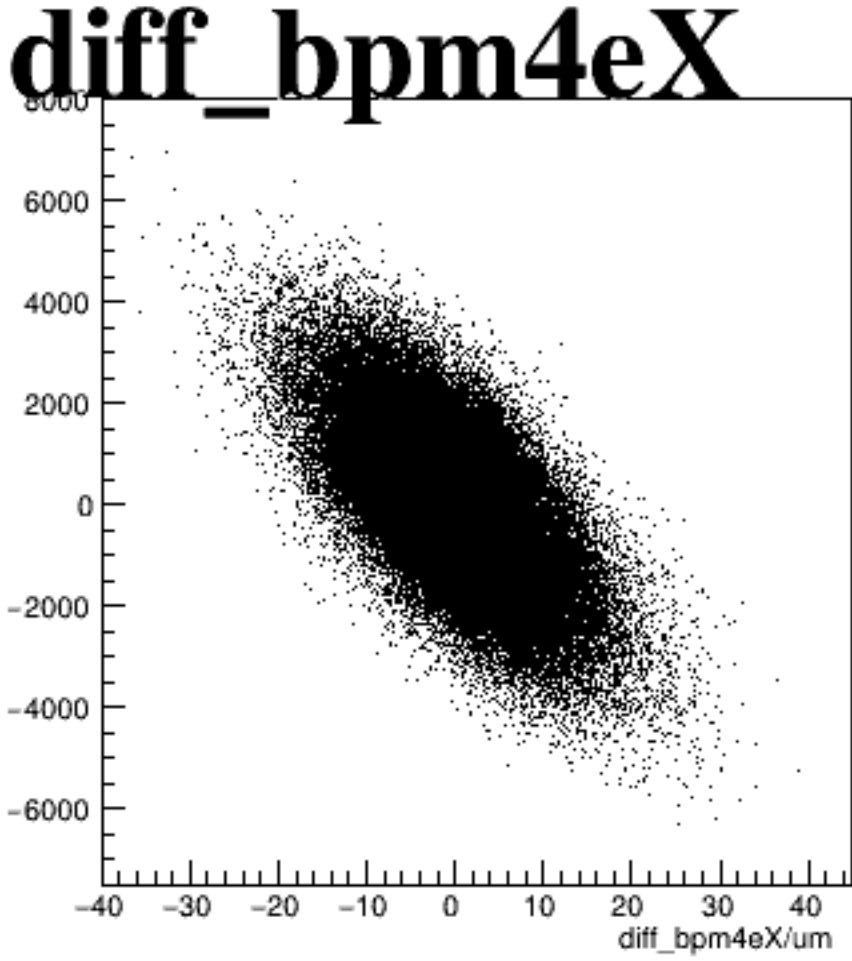
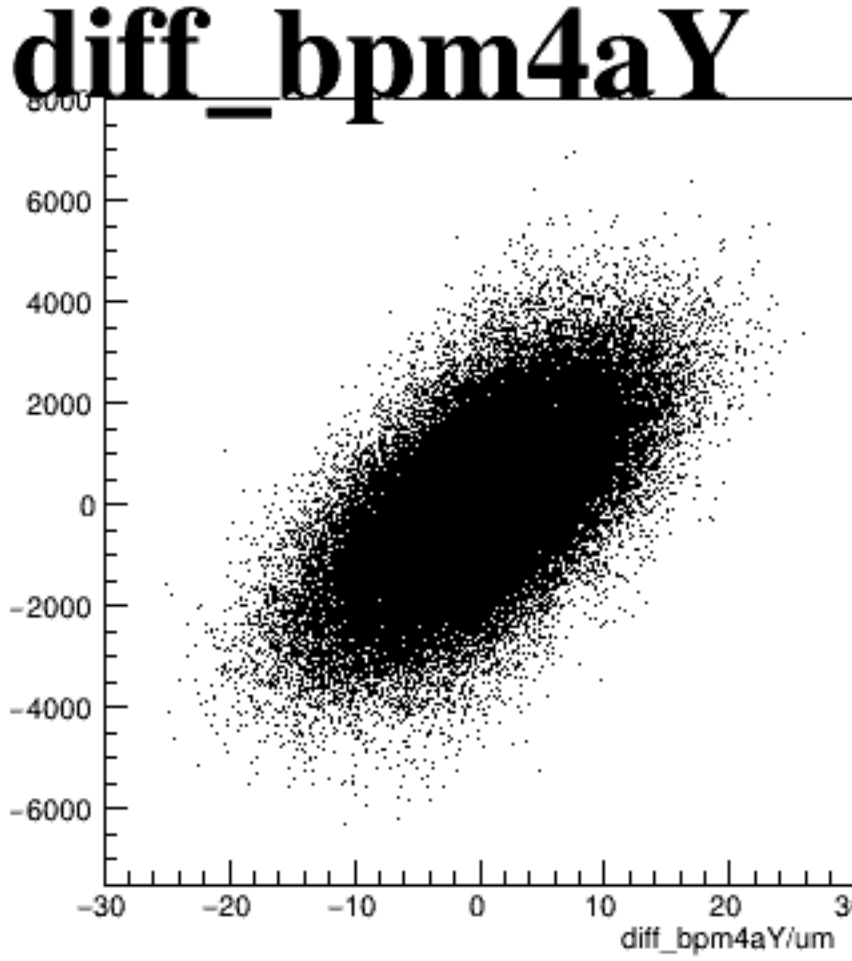
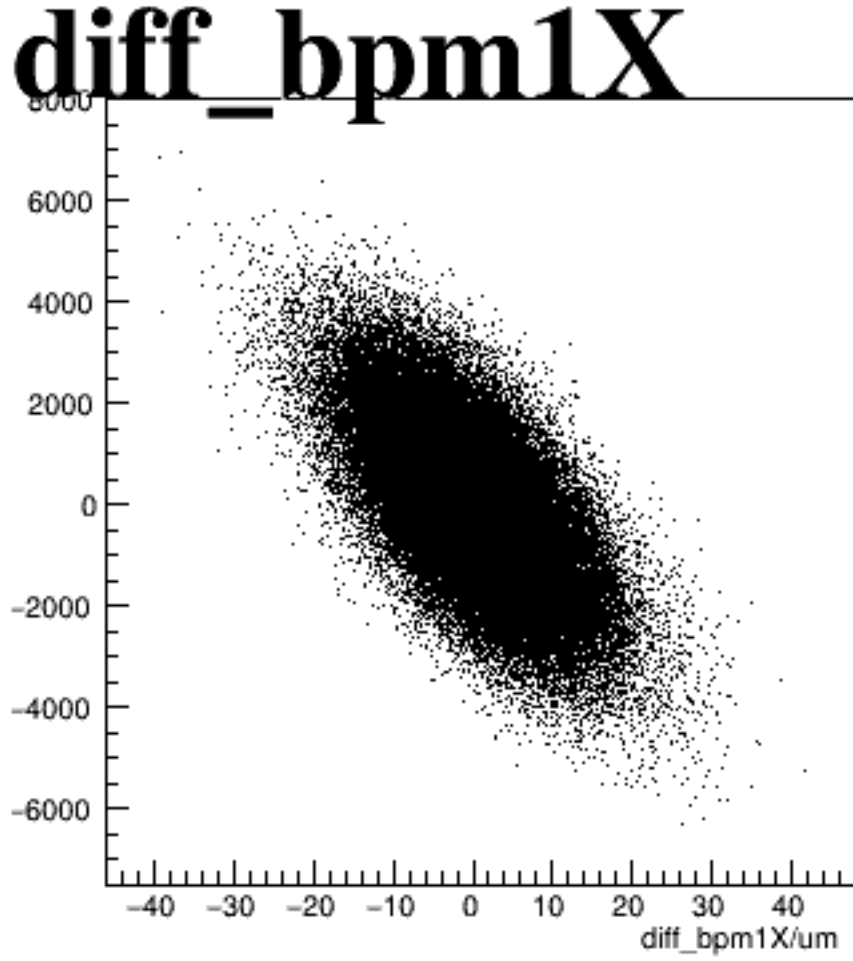
reg_asym_sam8



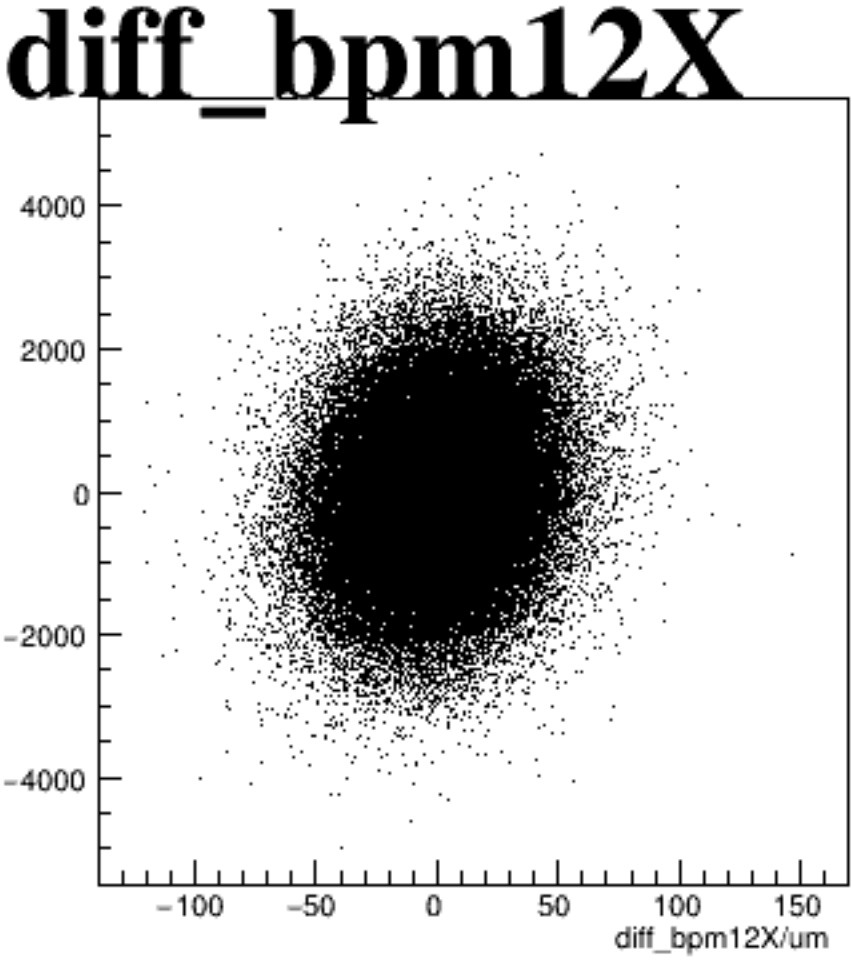
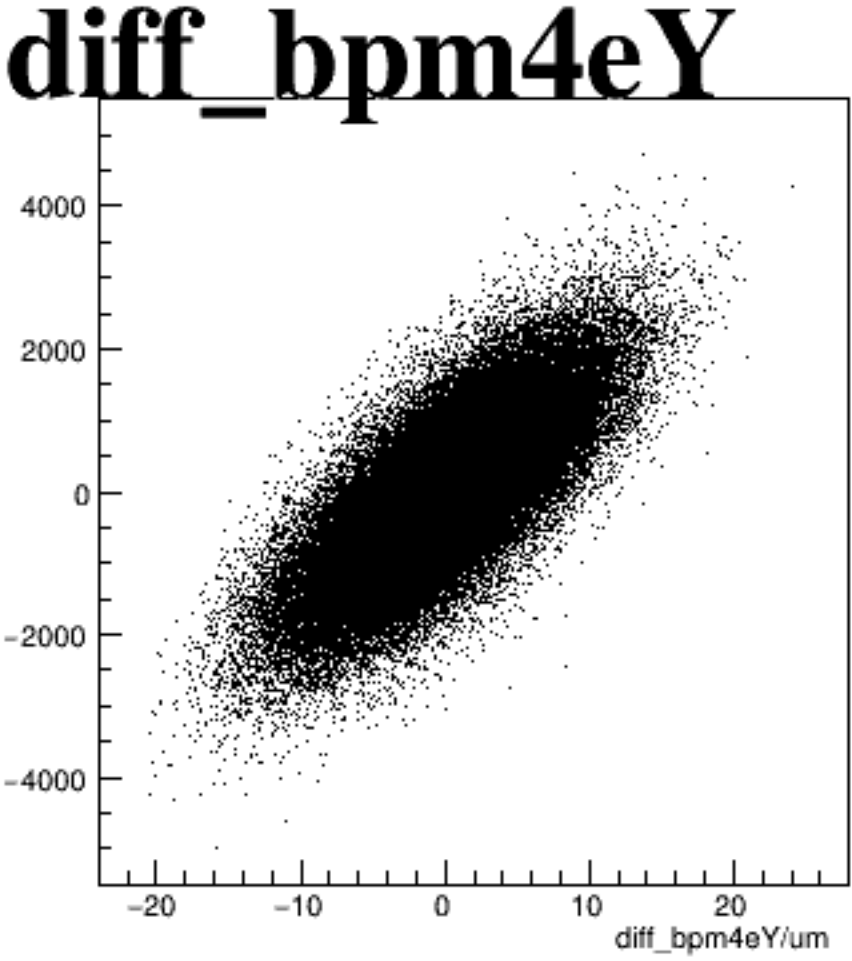
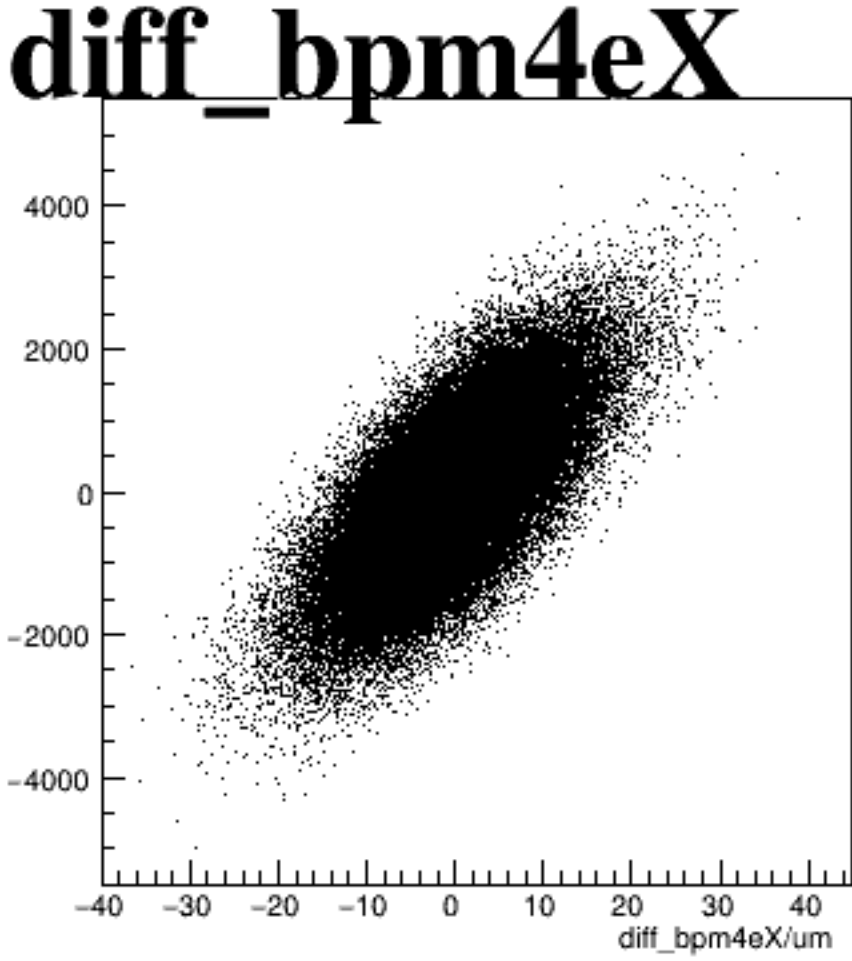
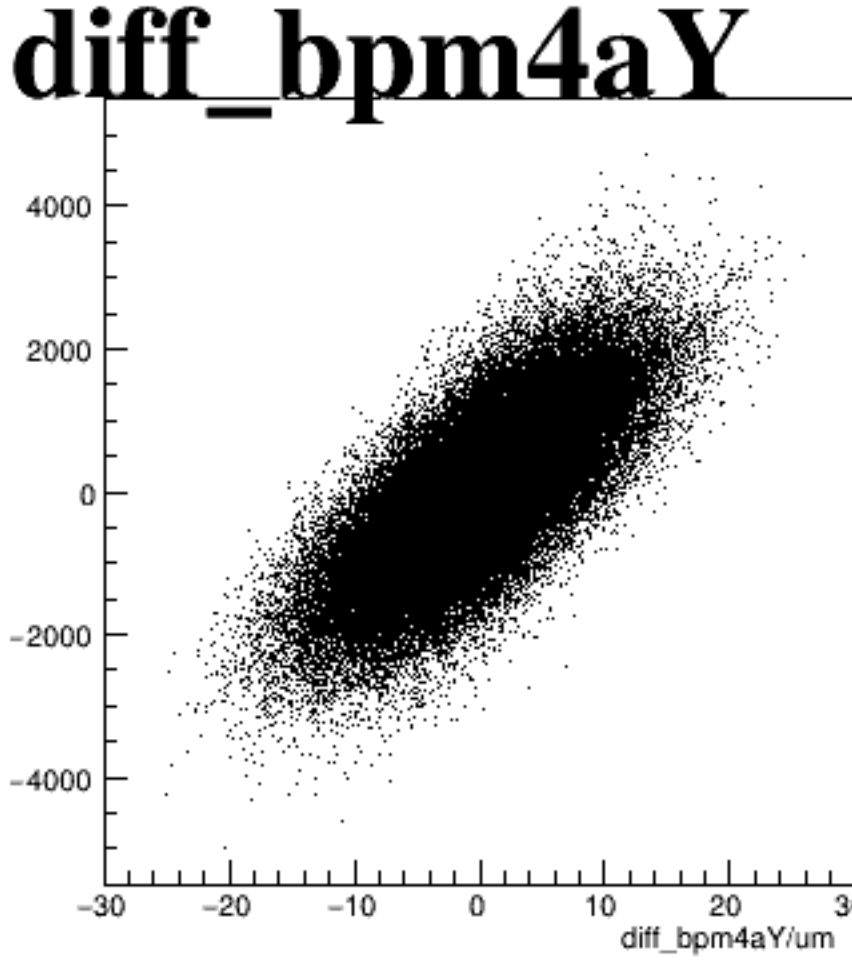
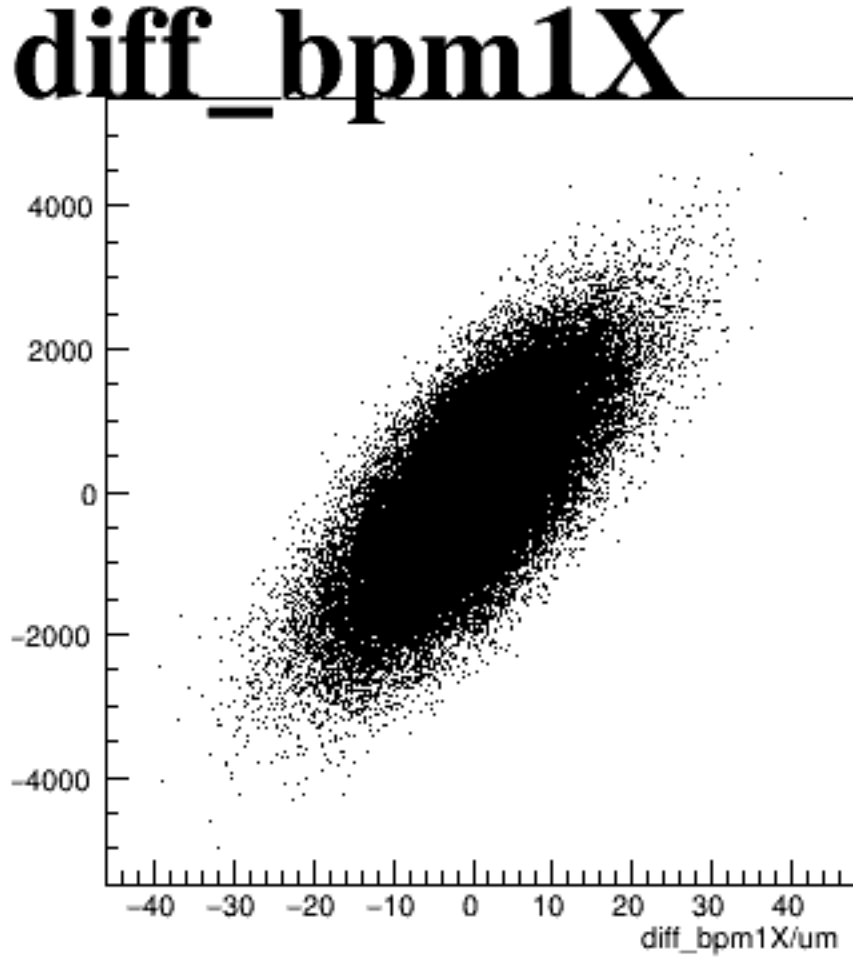
asym_sam2



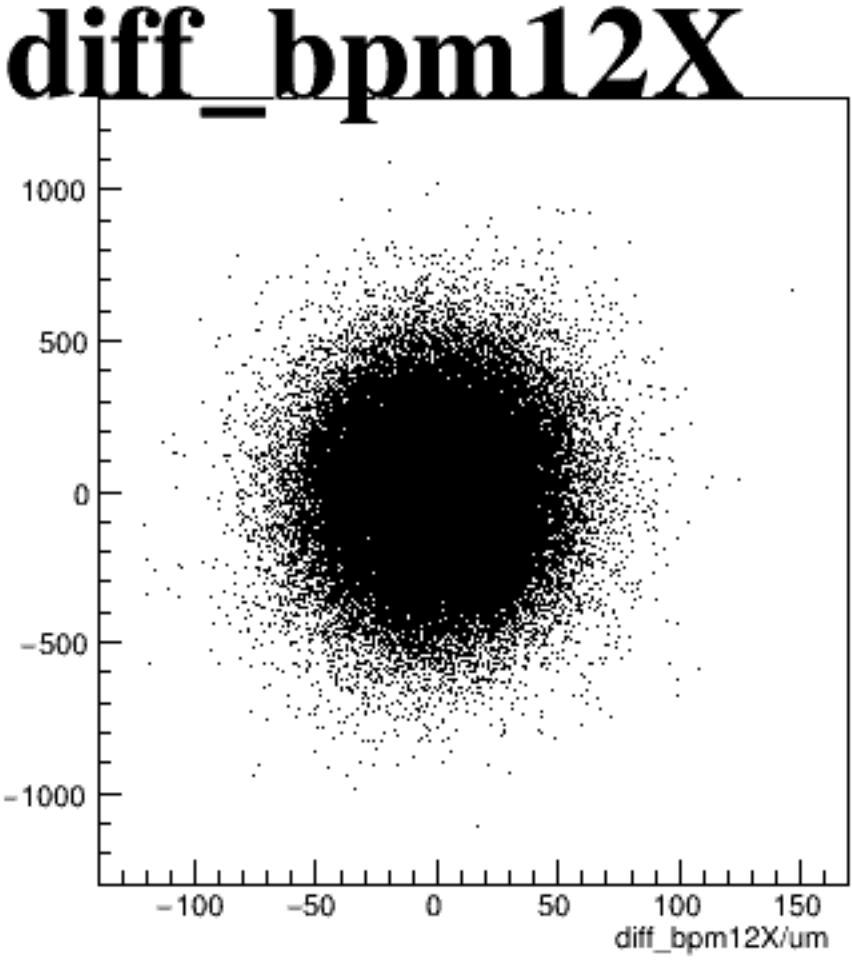
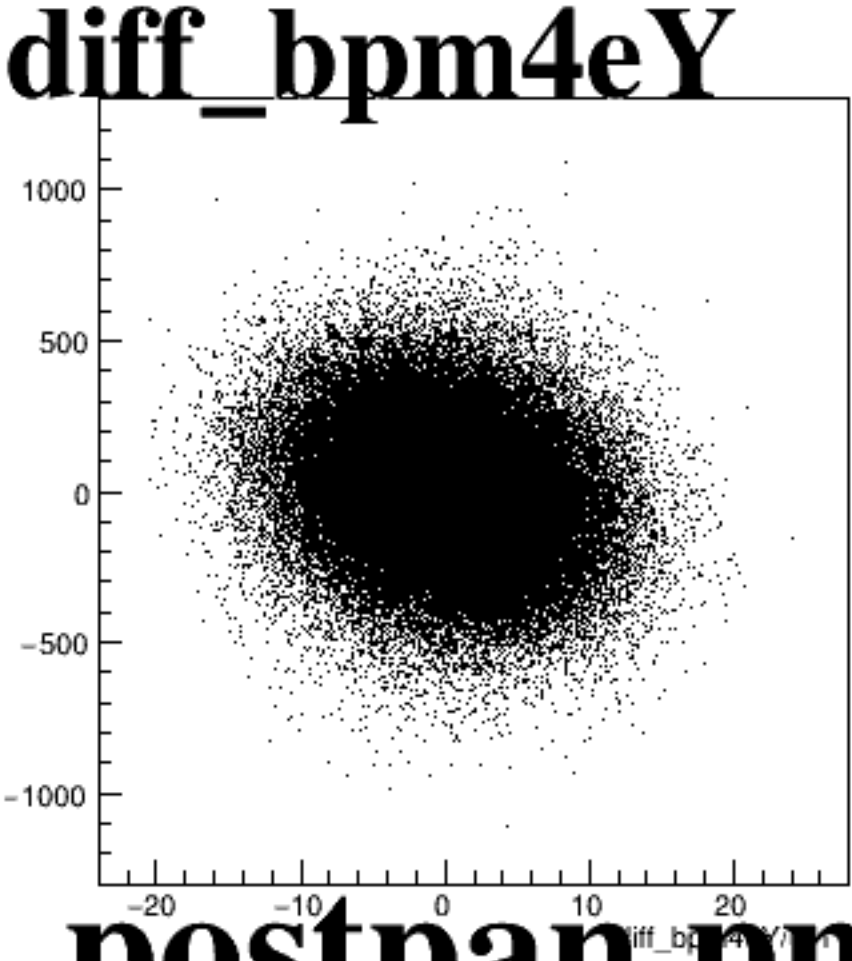
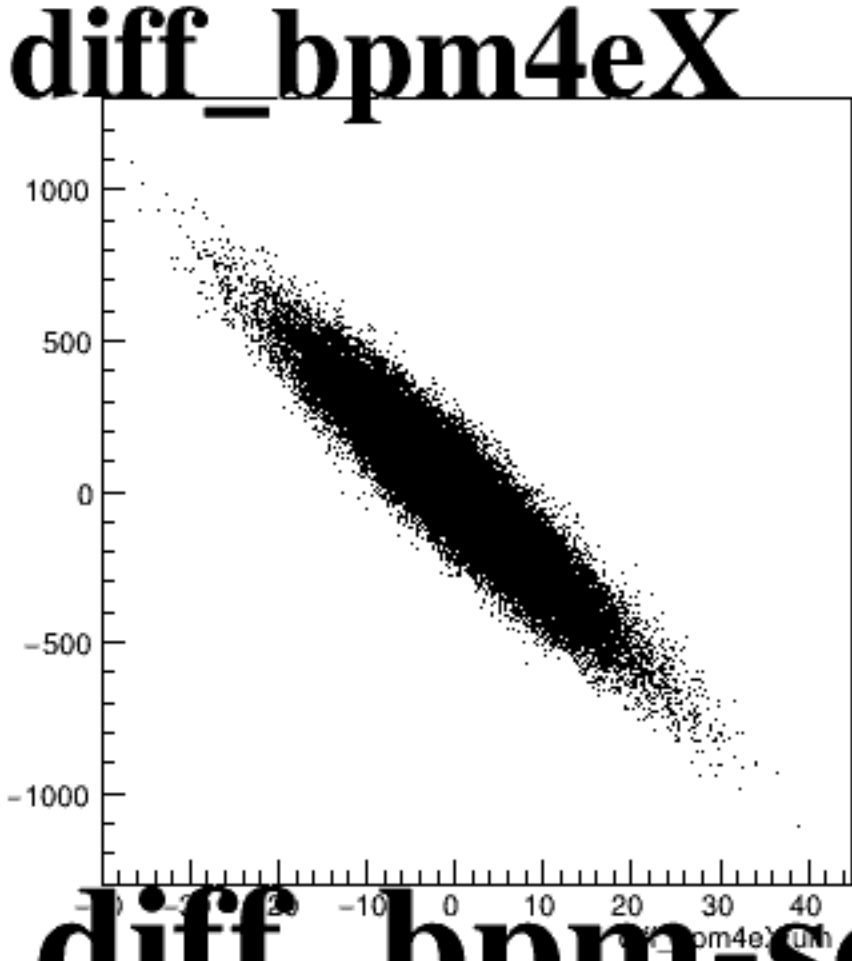
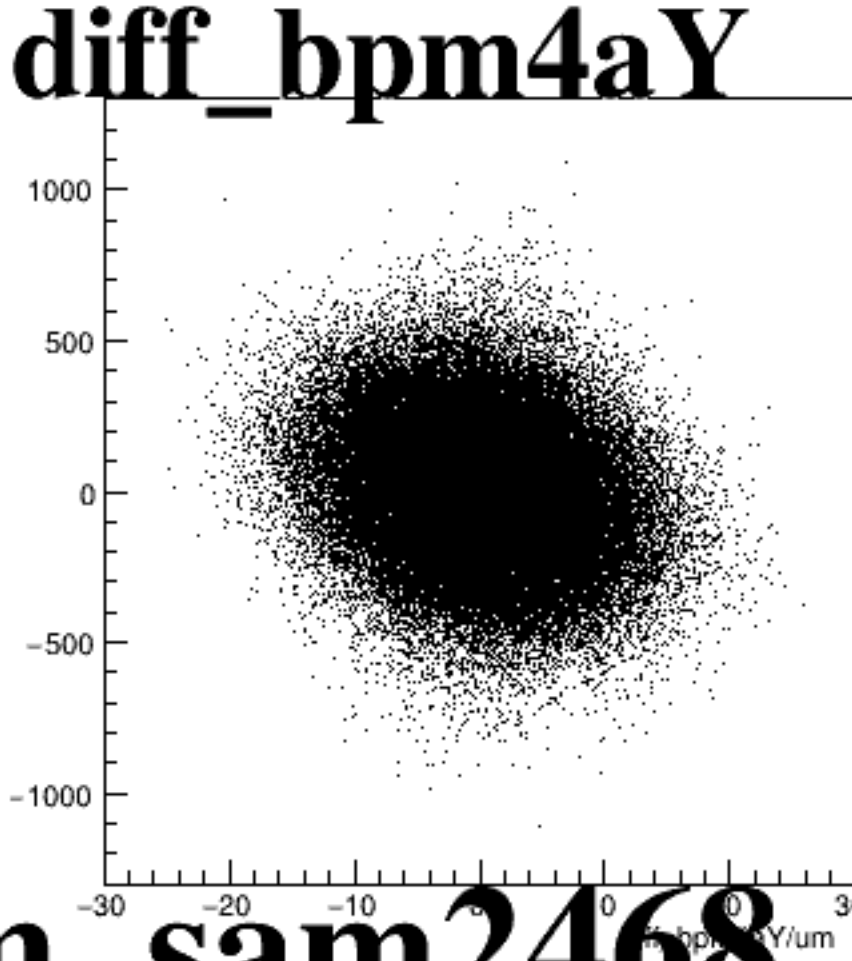
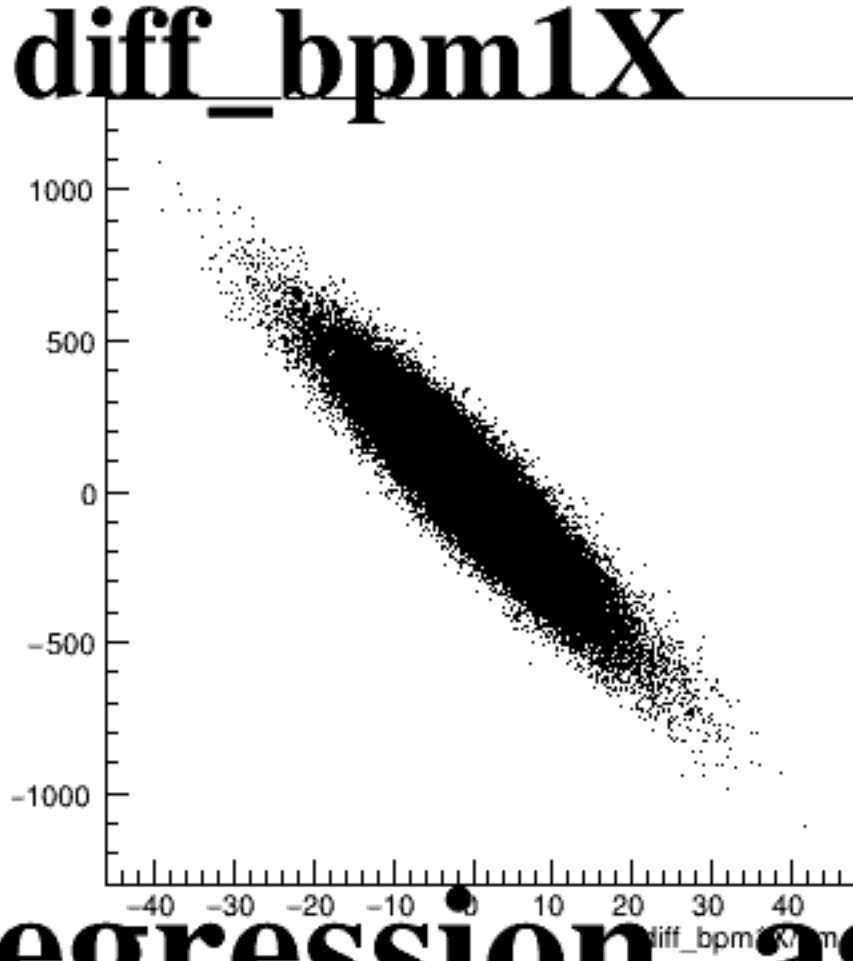
asym_sam4



asym_sam6



asym_sam8



The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different beam parameter. The y-axis for all plots ranges from -600 to 800. The x-axis labels and ranges are as follows:

- diff_bpm1X**: x-axis ranges from -40 to 40.
- diff_bpm4aY**: x-axis ranges from -30 to 30.
- diff_bpm4eX**: x-axis ranges from -40 to 40.
- diff_bpm4eY**: x-axis ranges from -20 to 20.
- diff_bpm12X**: x-axis ranges from -100 to 150.

All plots show a dense, roughly circular cloud of points centered at the origin (0,0).

diff_bpm1X

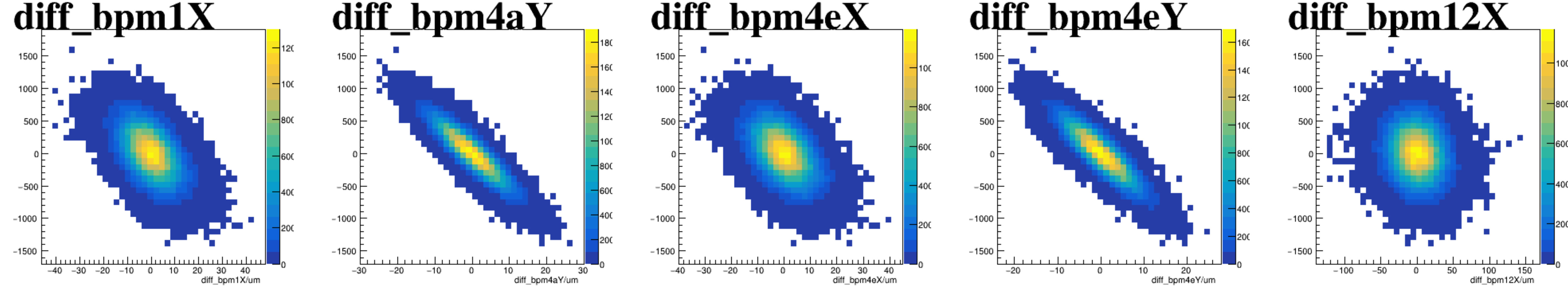
diff_bpm4aY

diff_bpm4eX

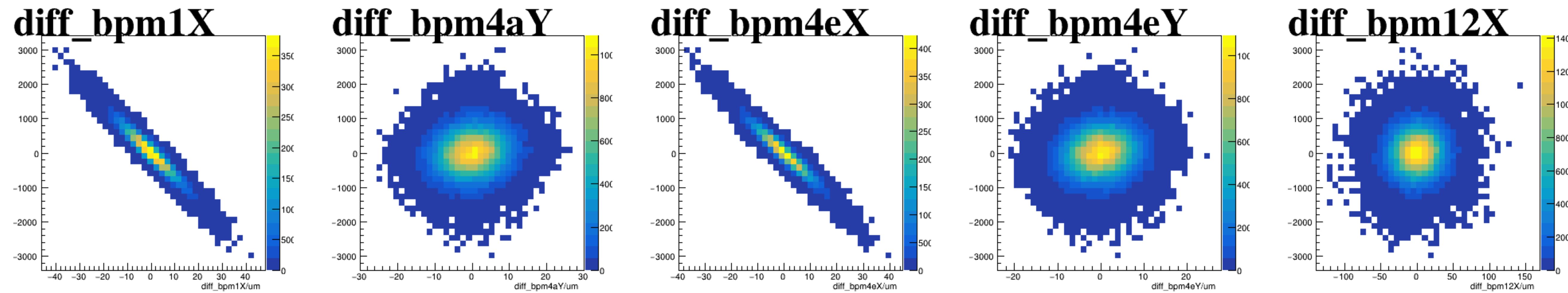
diff_bpm4eY

diff_bpm12X

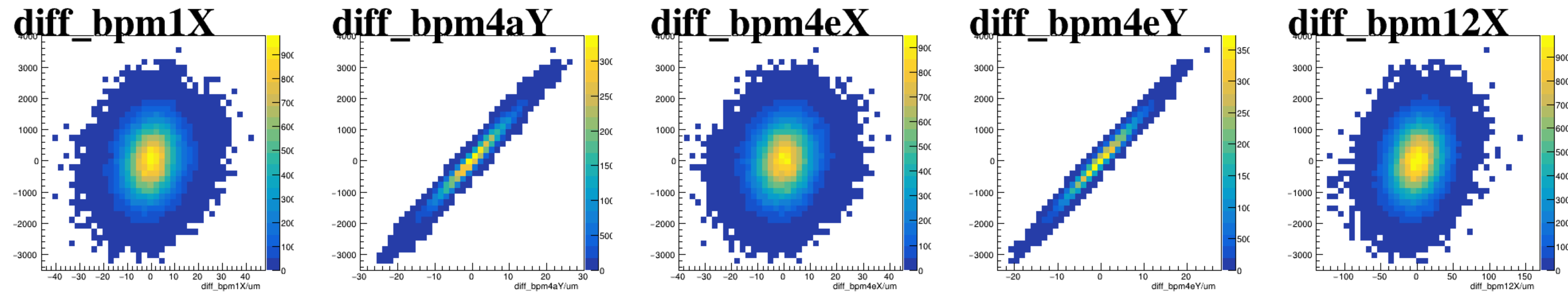
asym_sam1



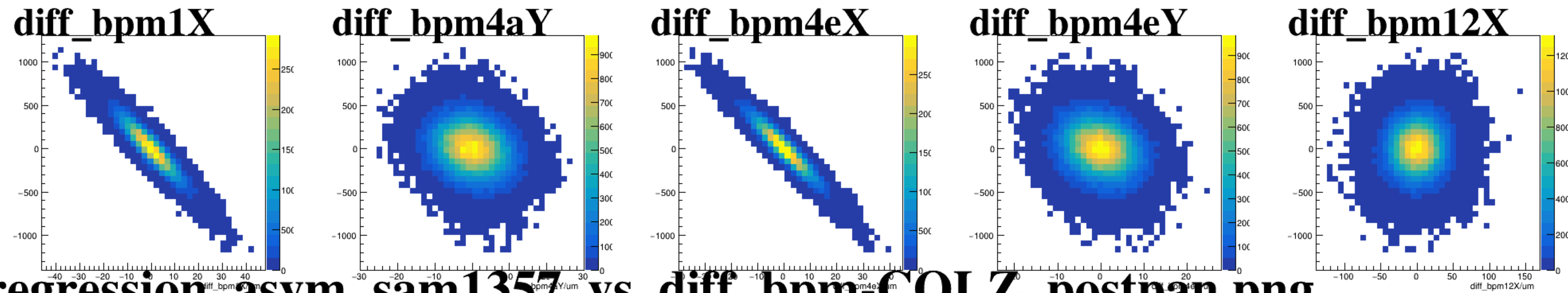
asym_sam3



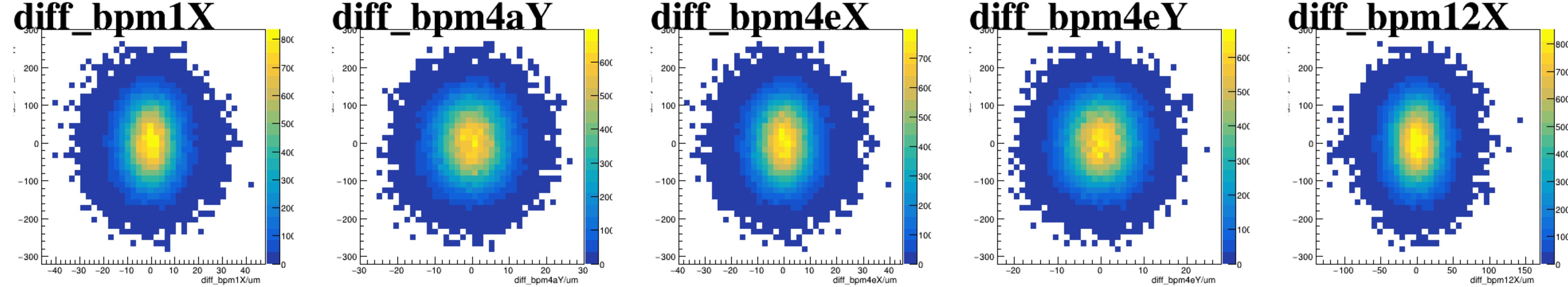
asym_sam5



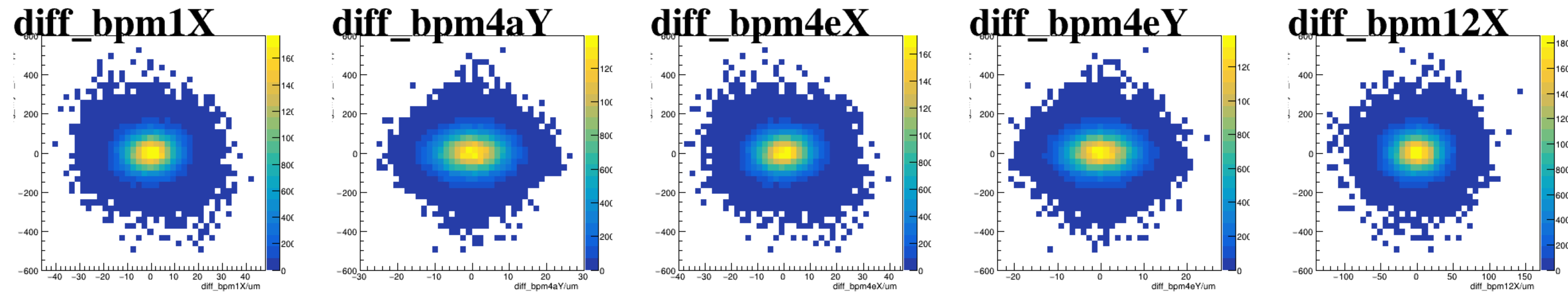
asym_sam7



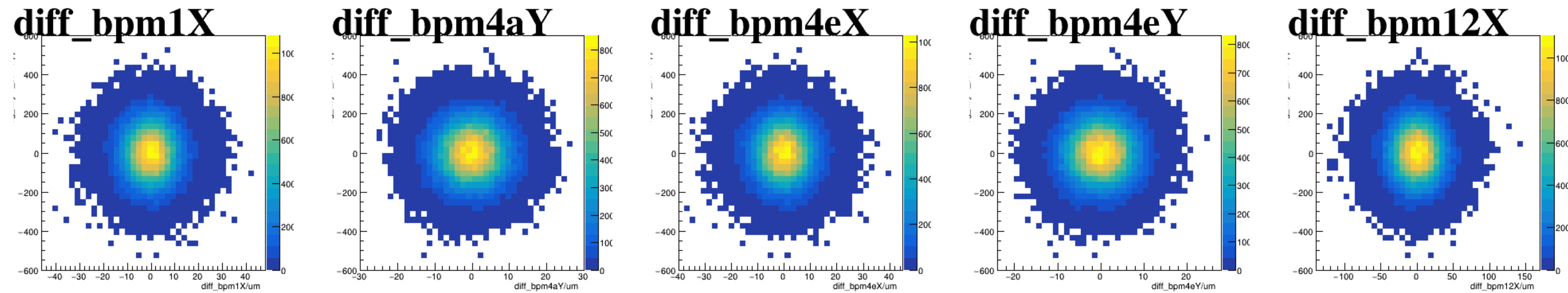
reg_asym_sam1



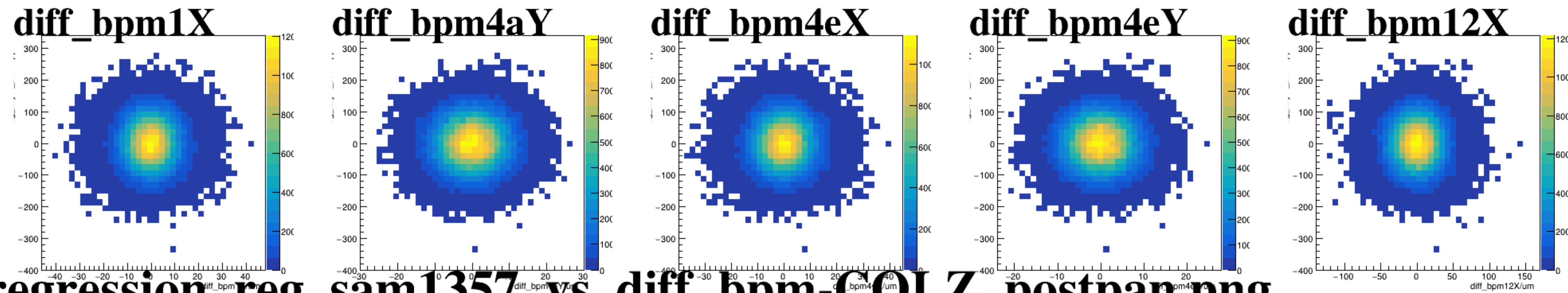
reg_asym_sam3



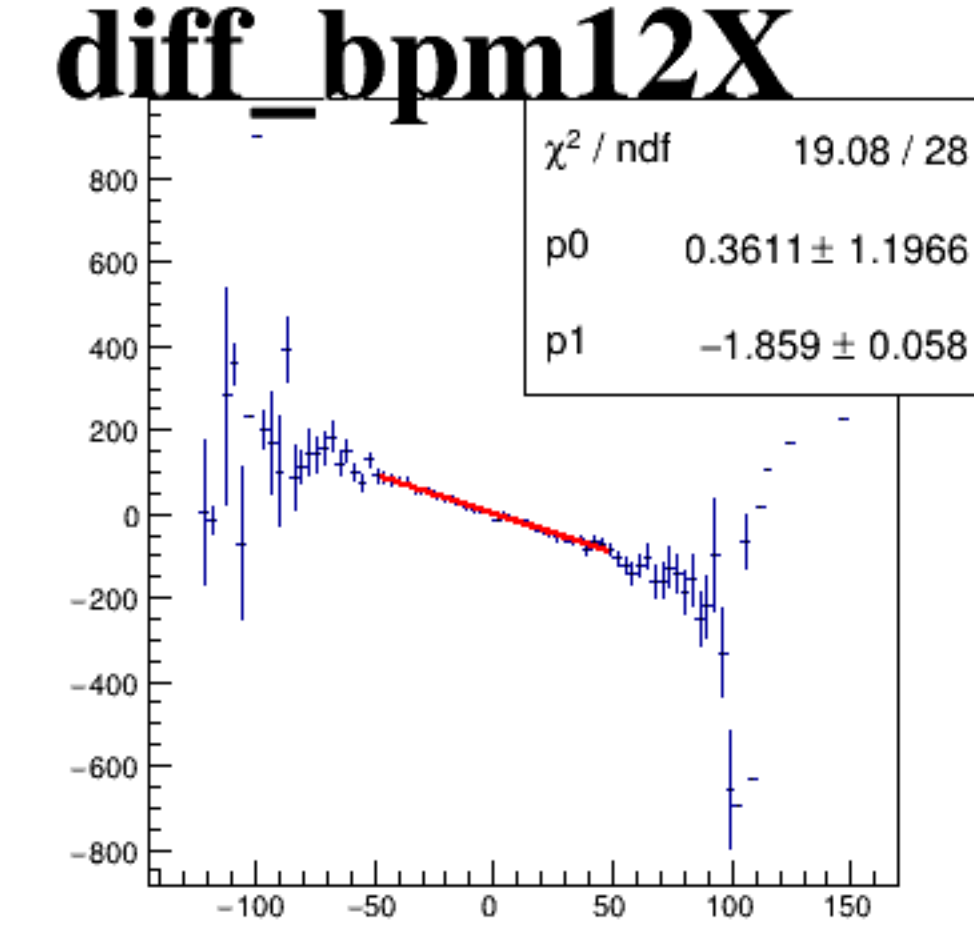
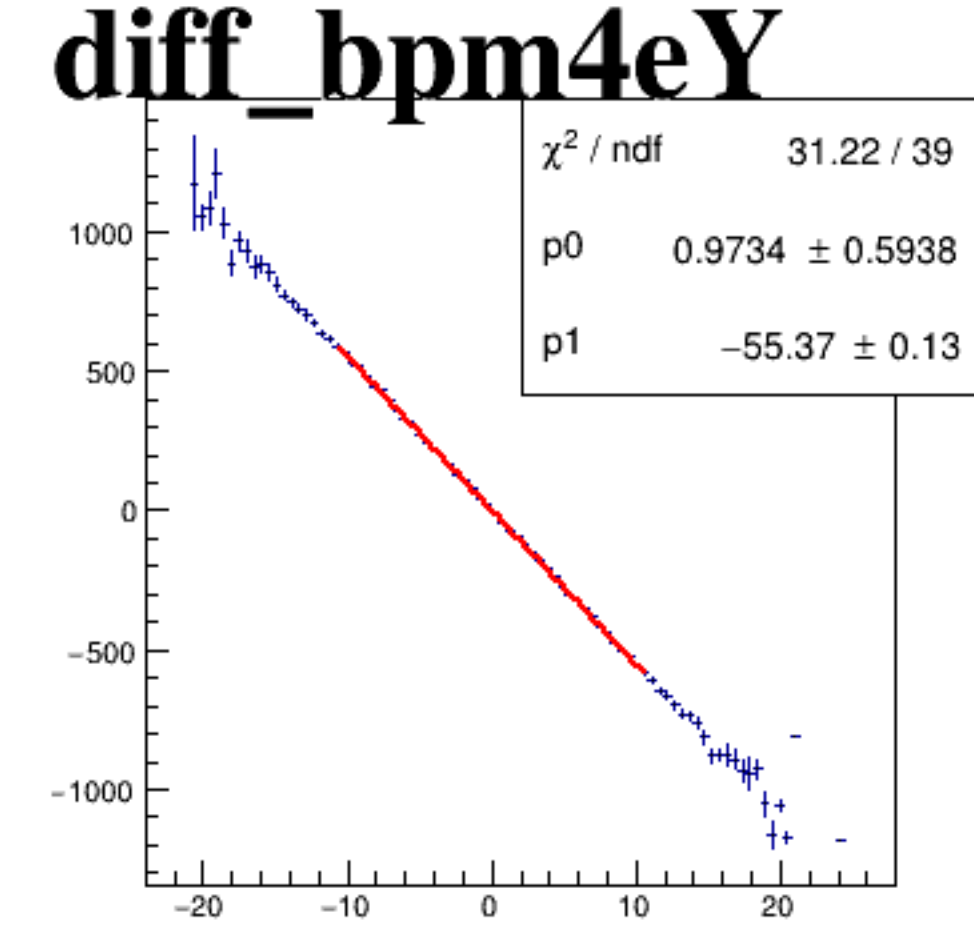
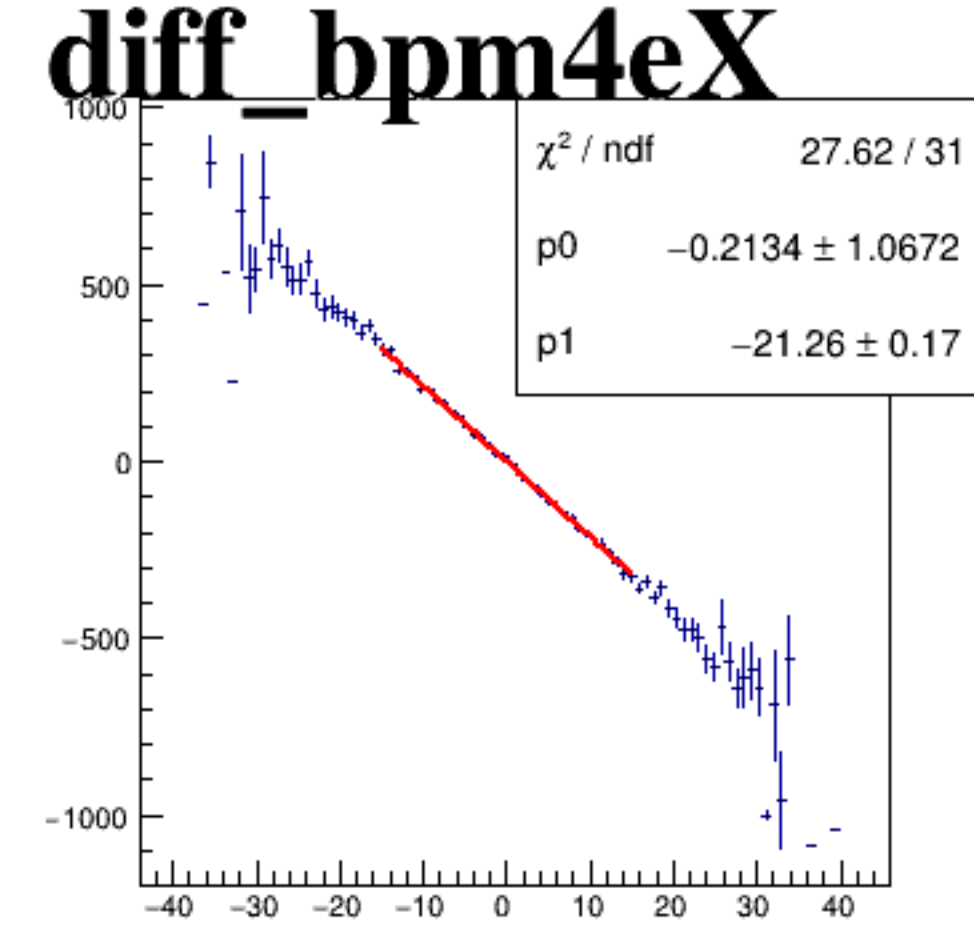
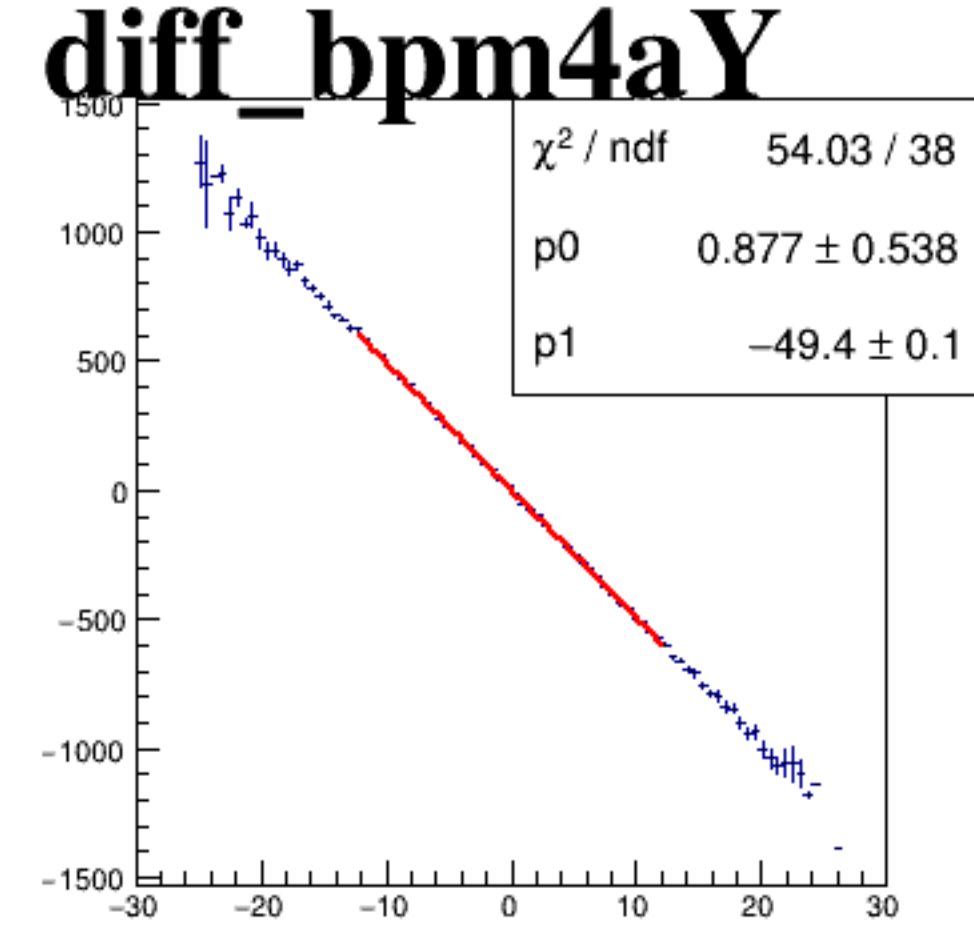
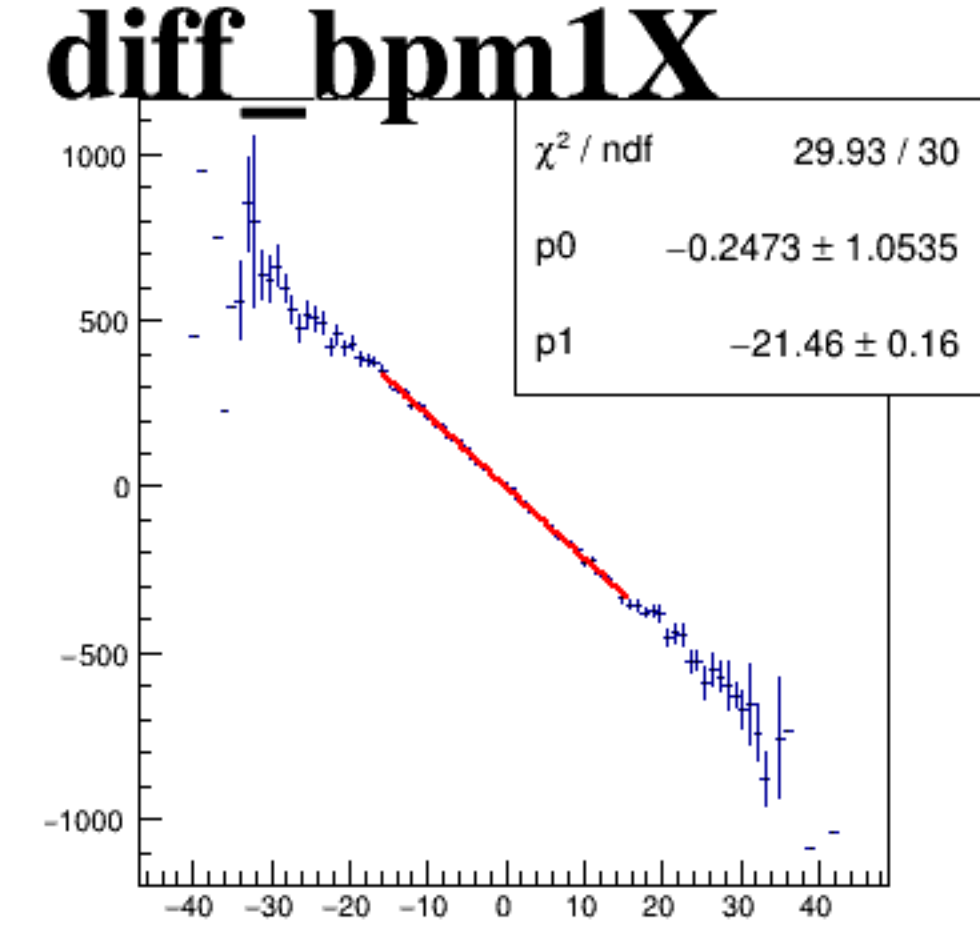
reg_asym_sam5



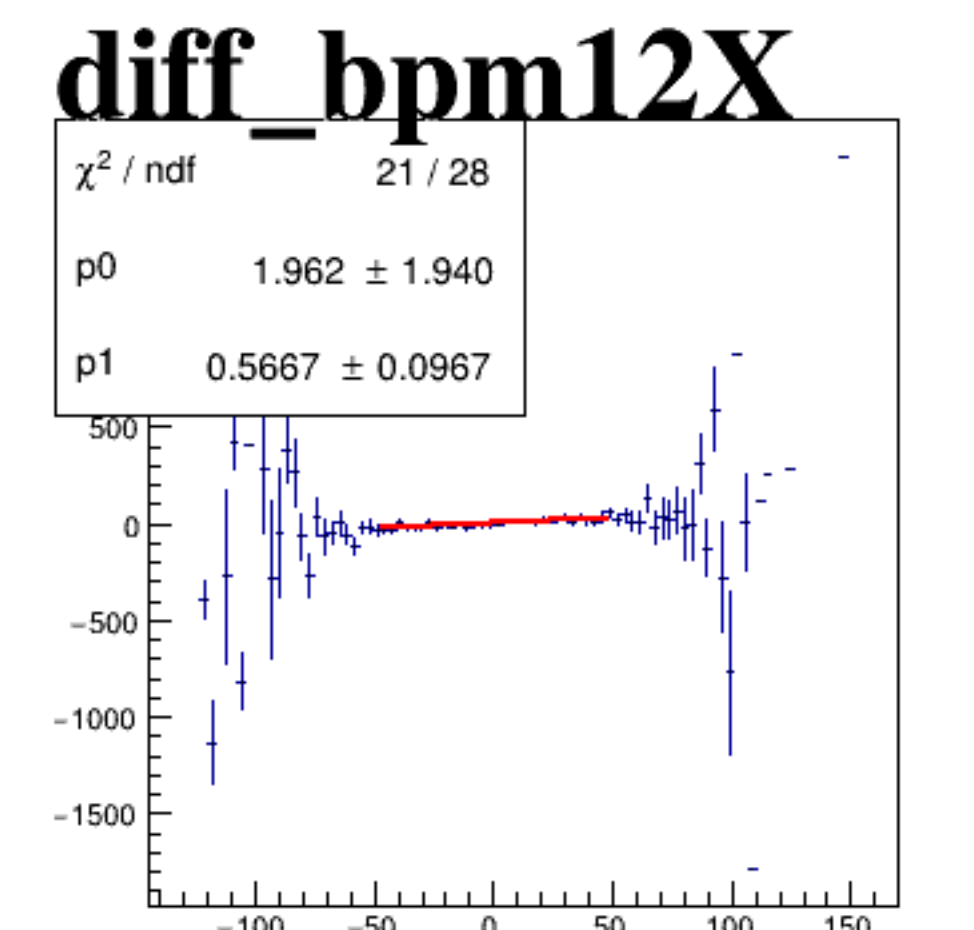
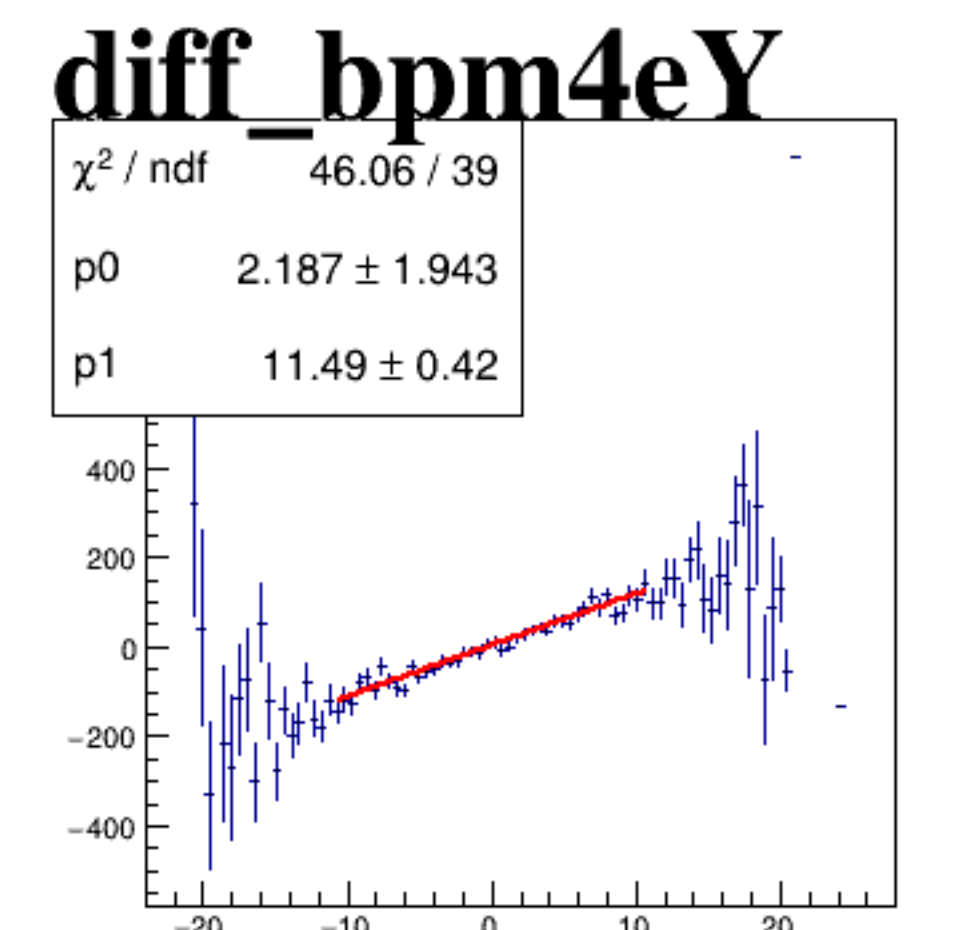
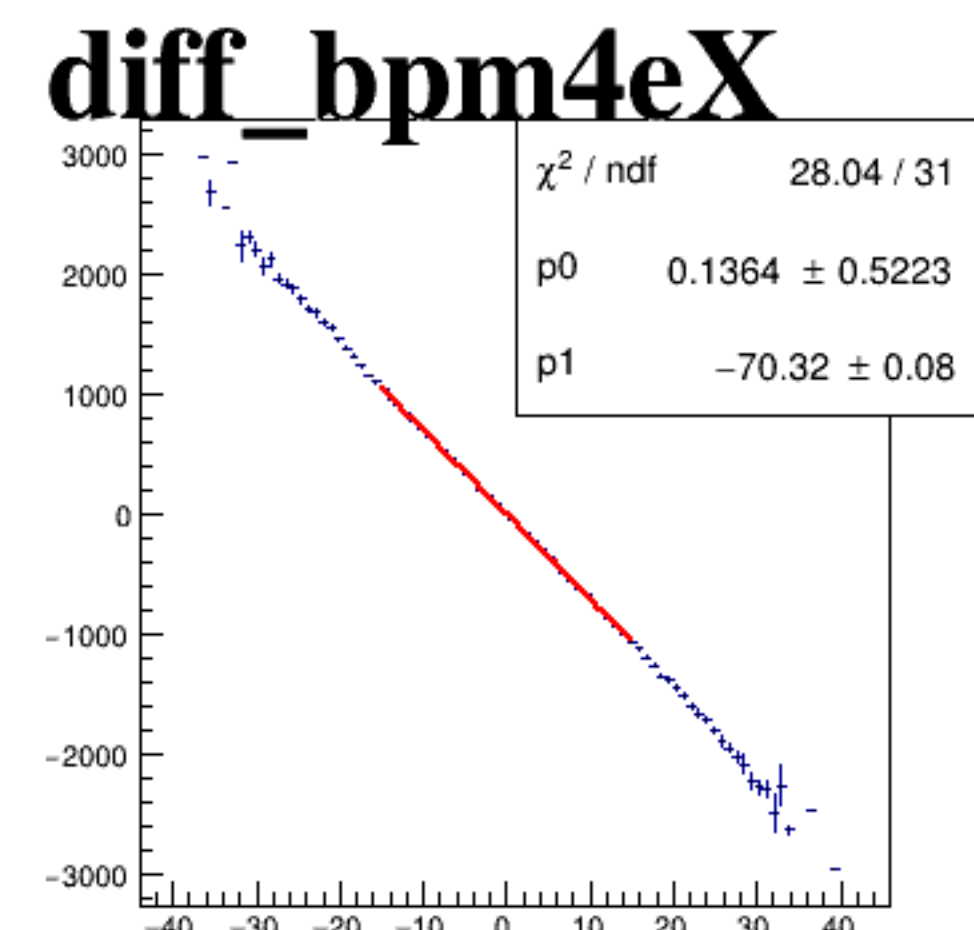
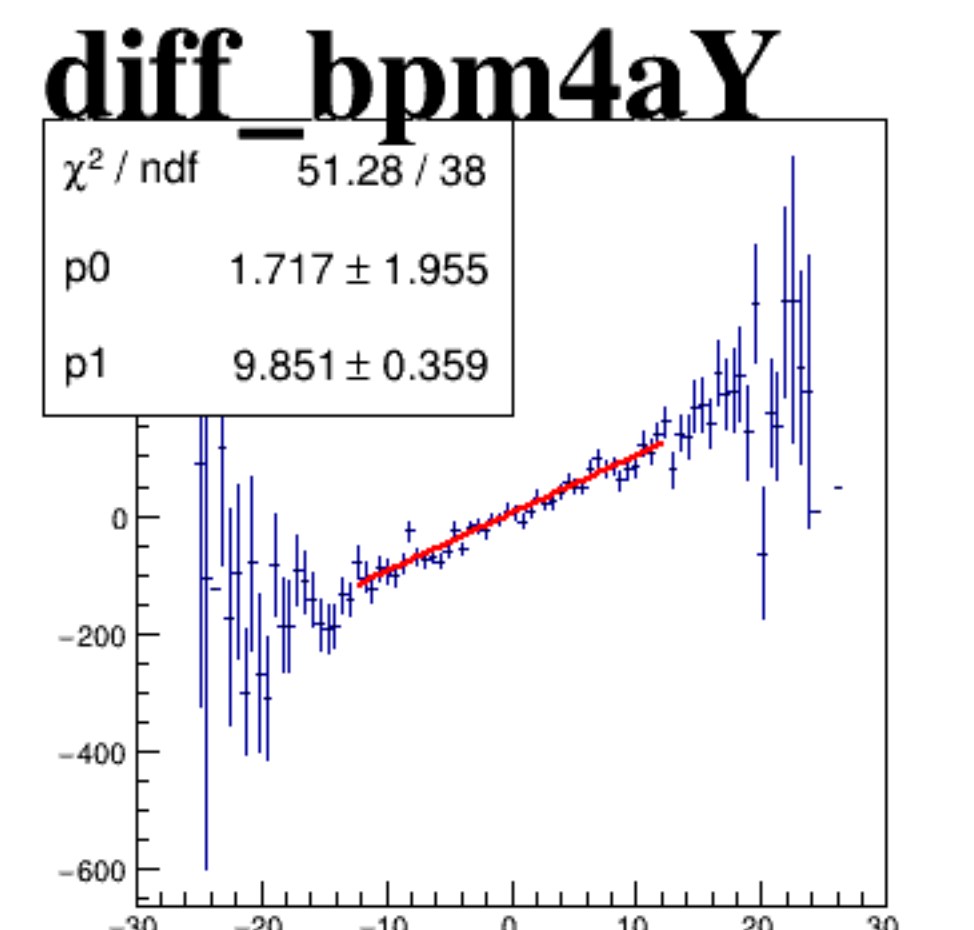
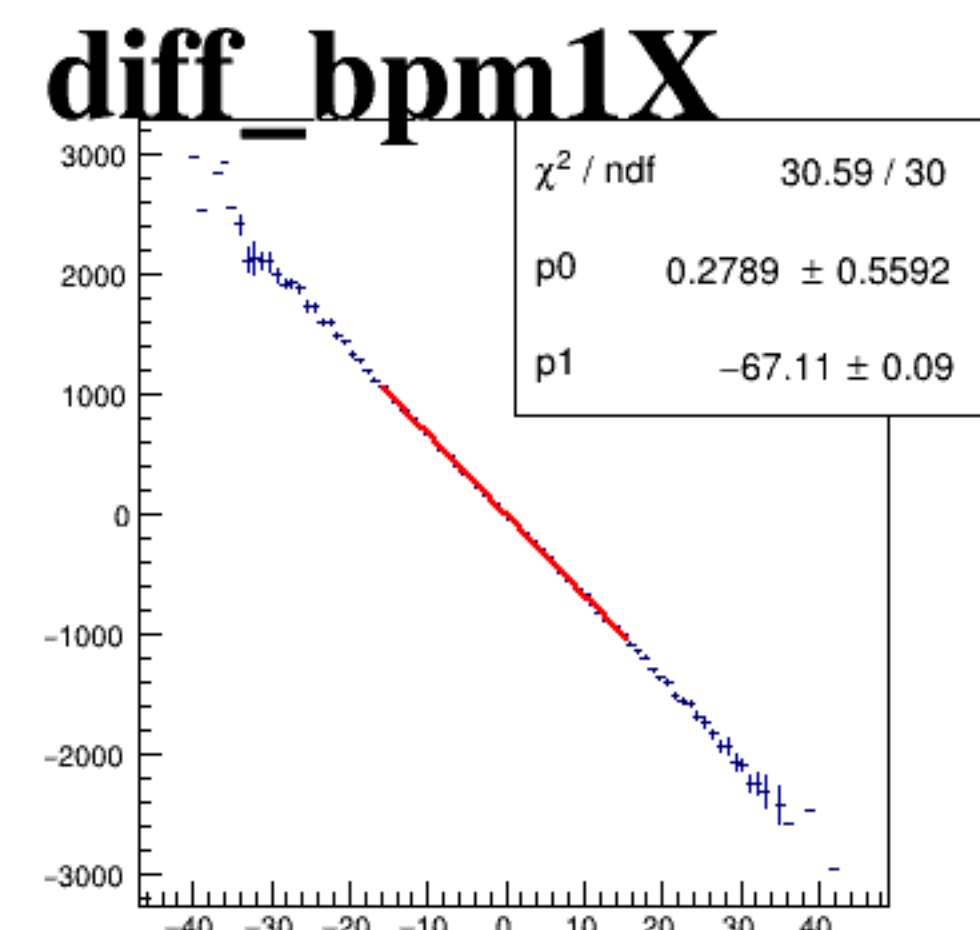
reg_asym_sam7



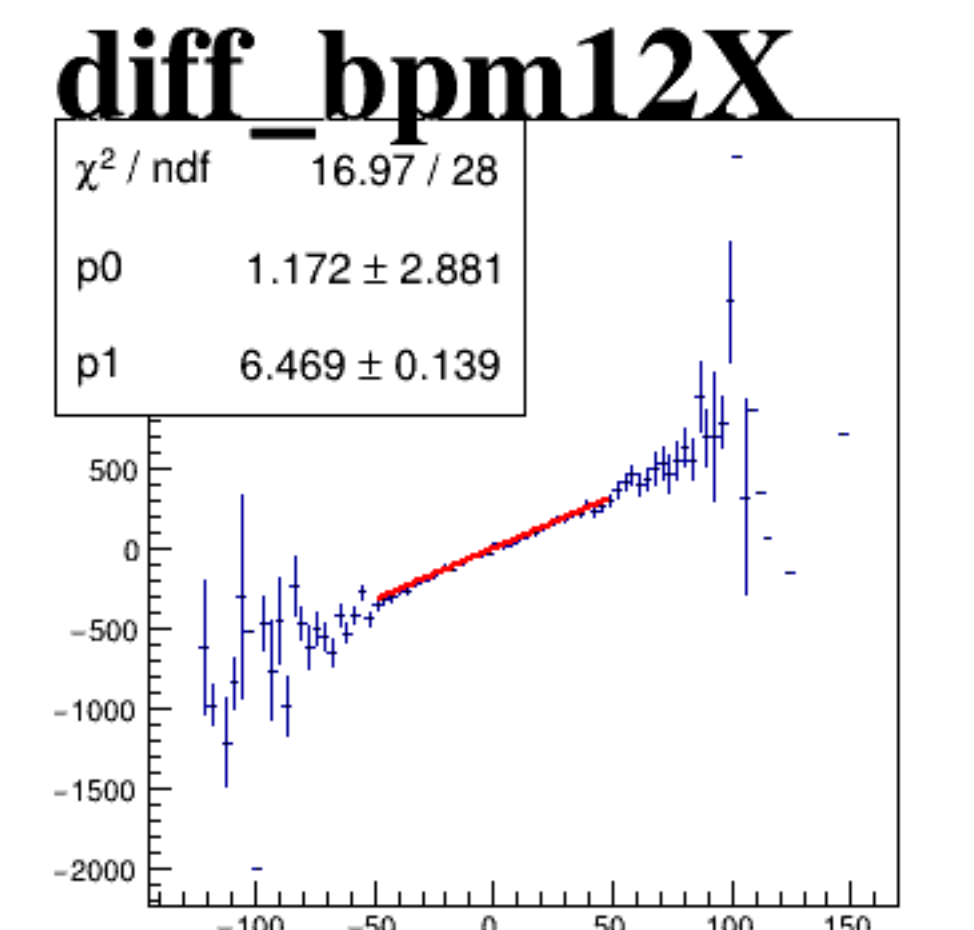
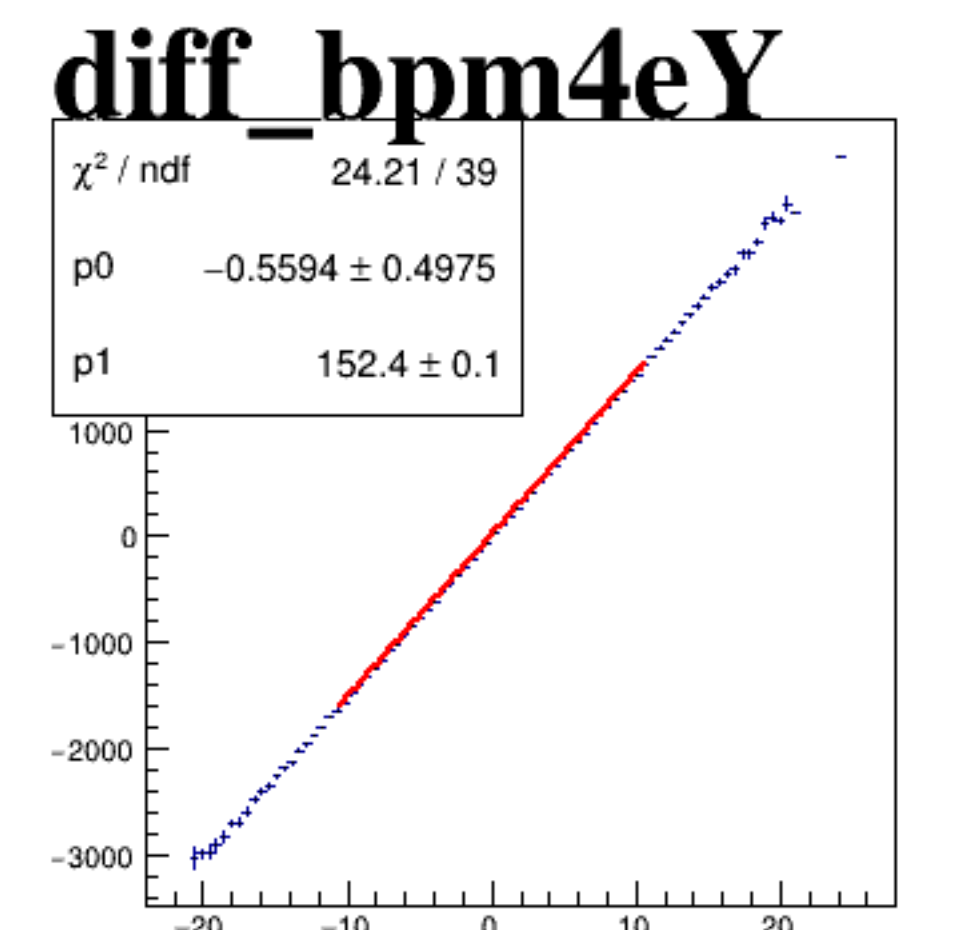
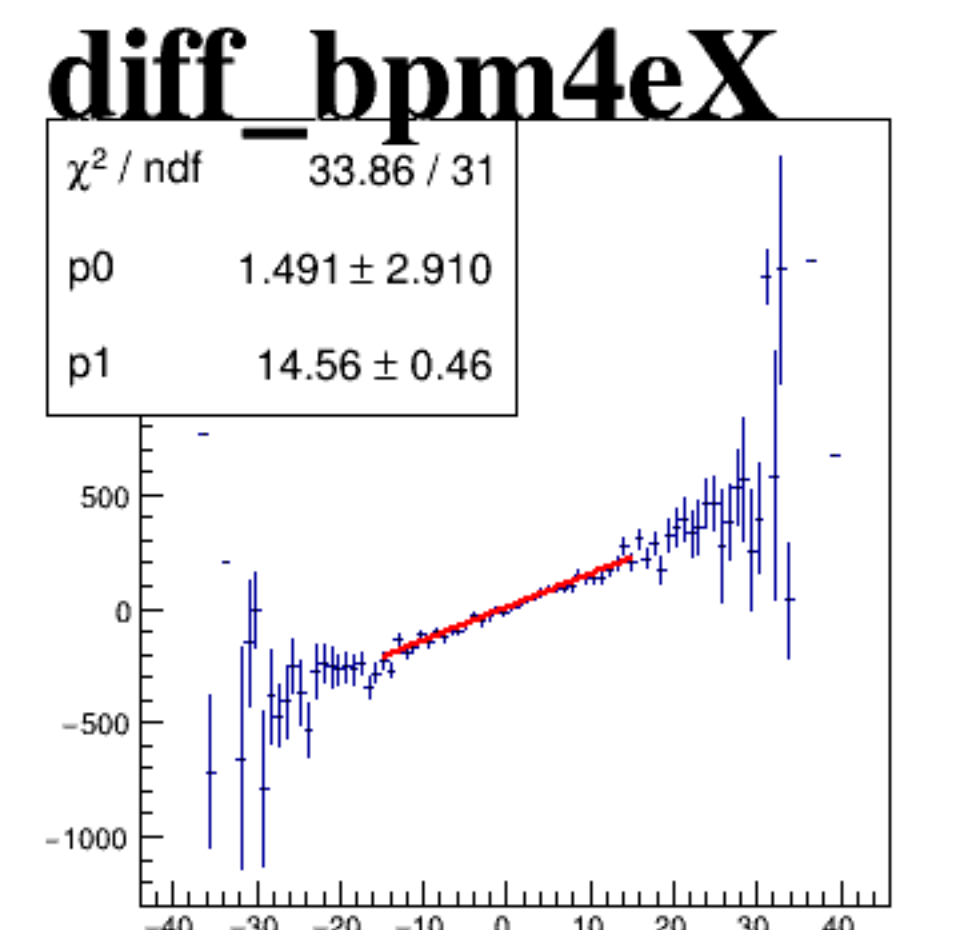
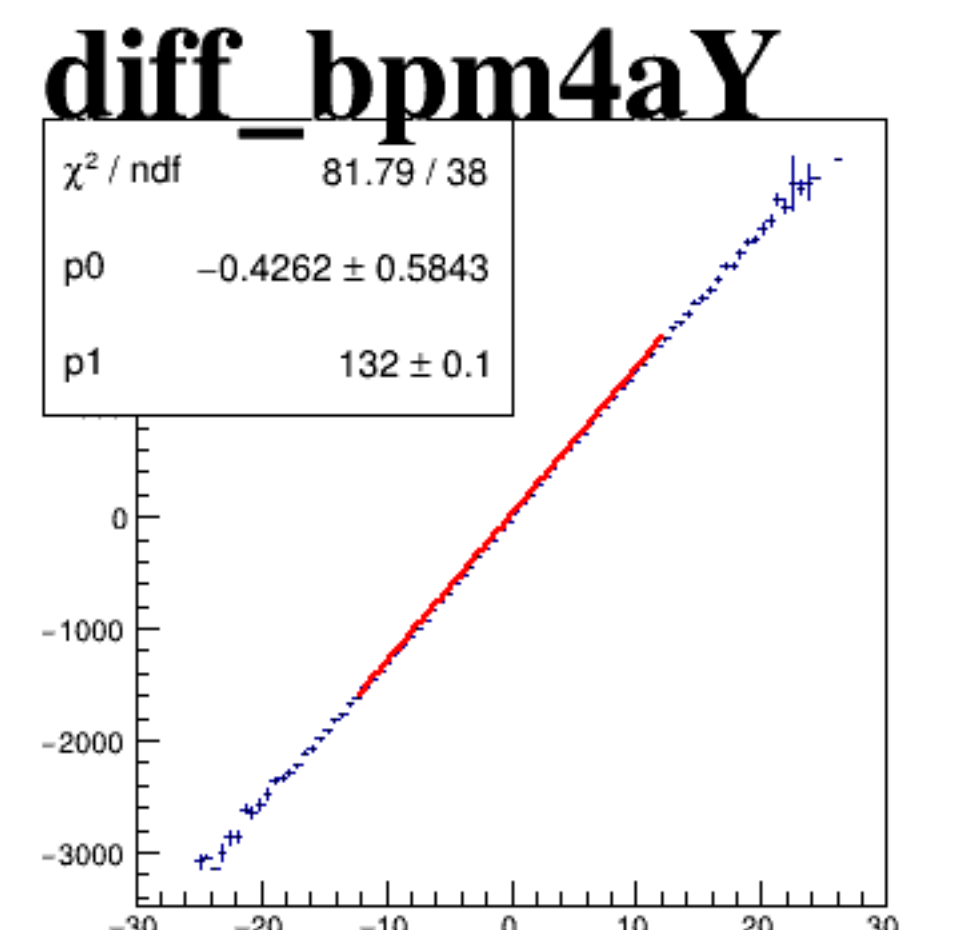
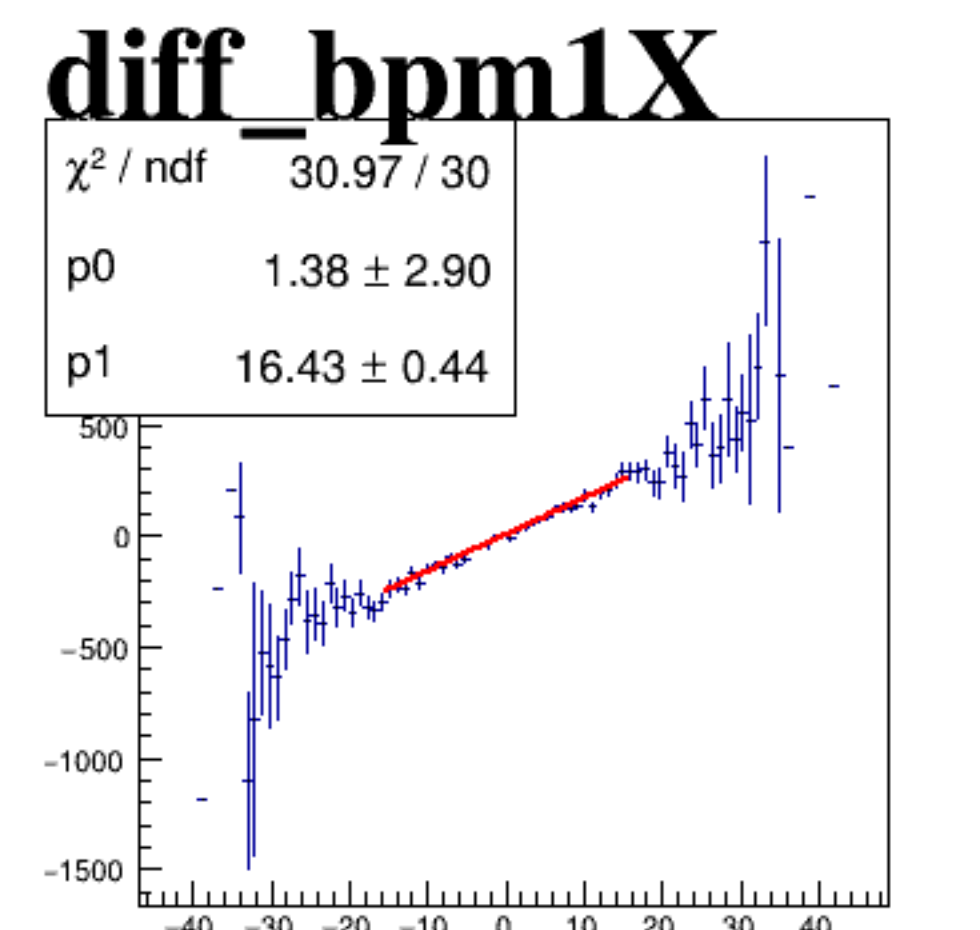
asym_sam1



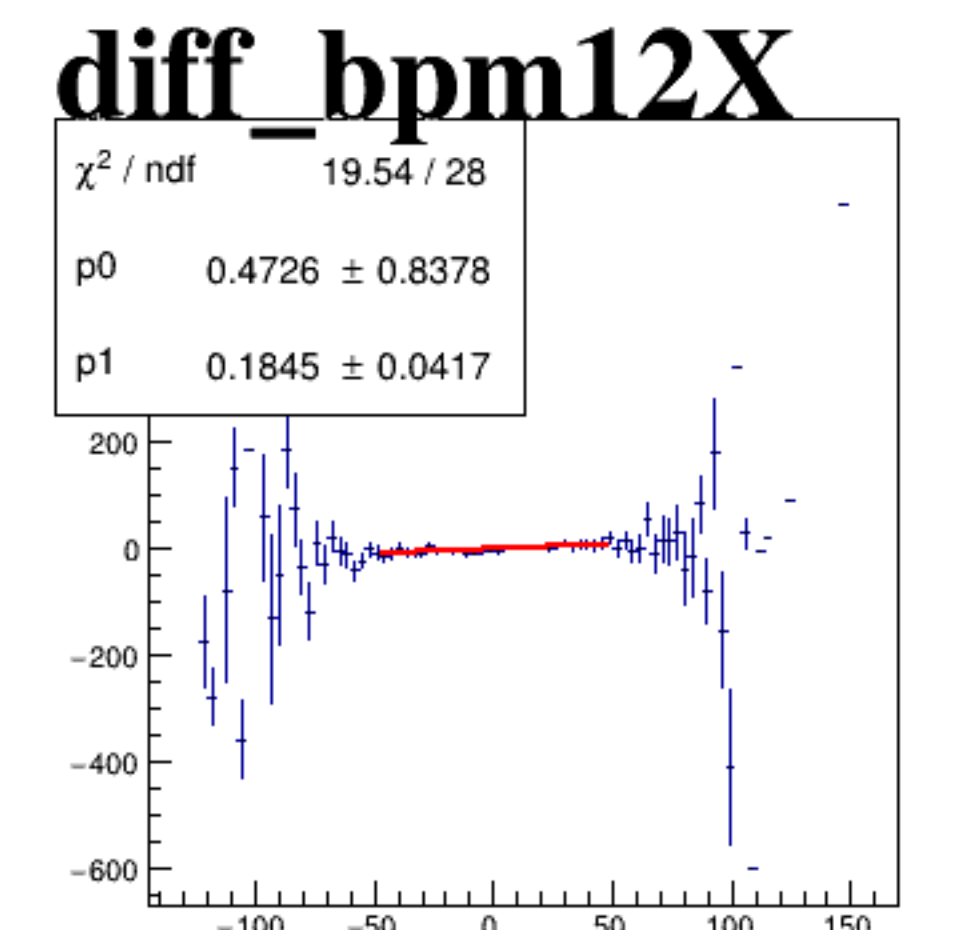
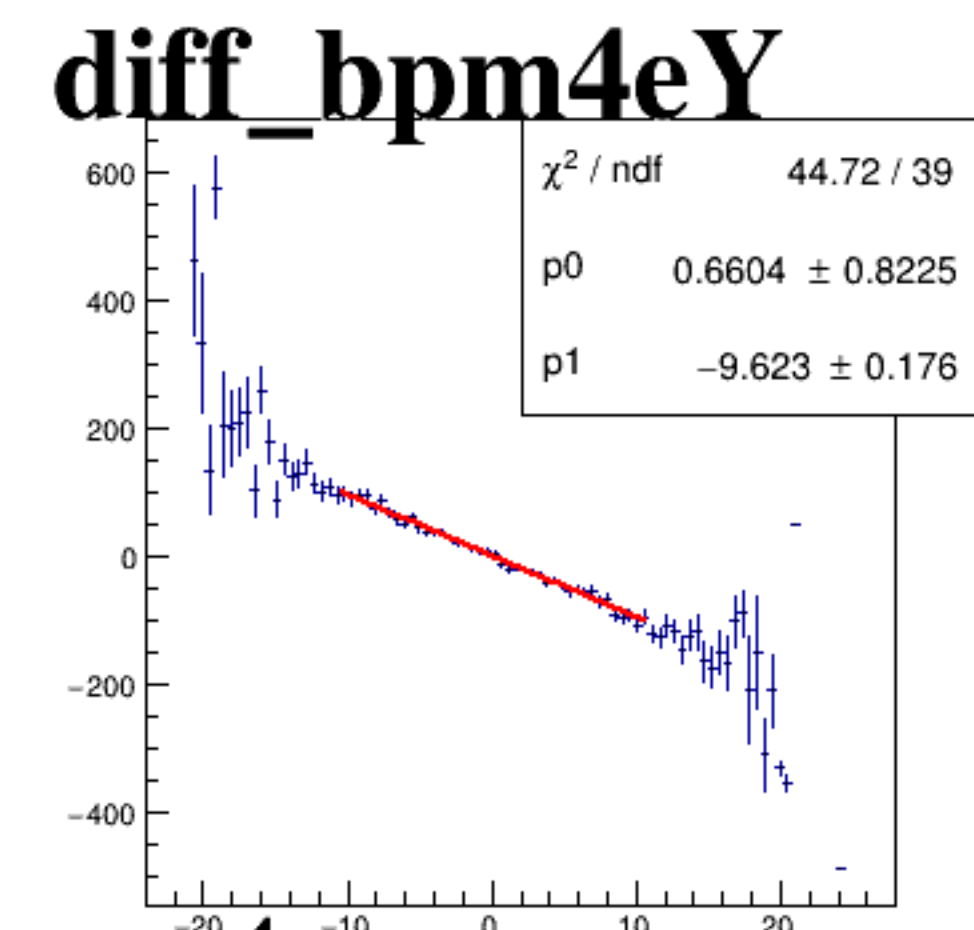
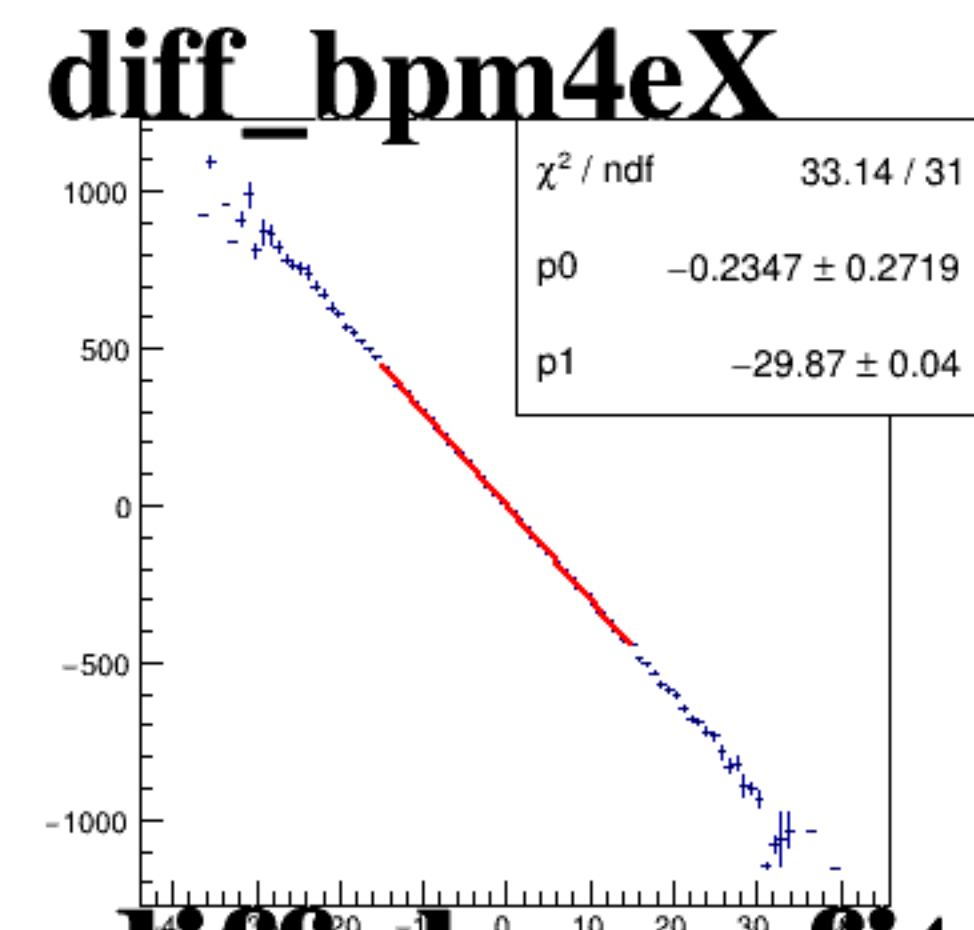
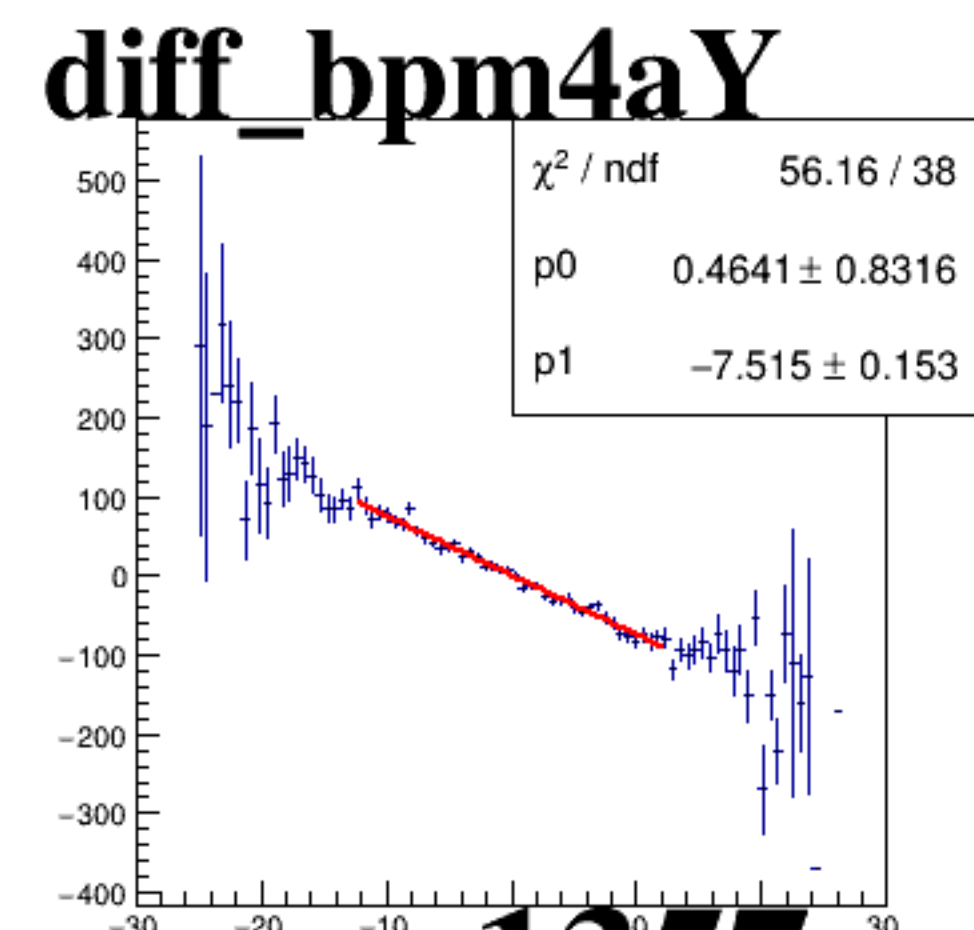
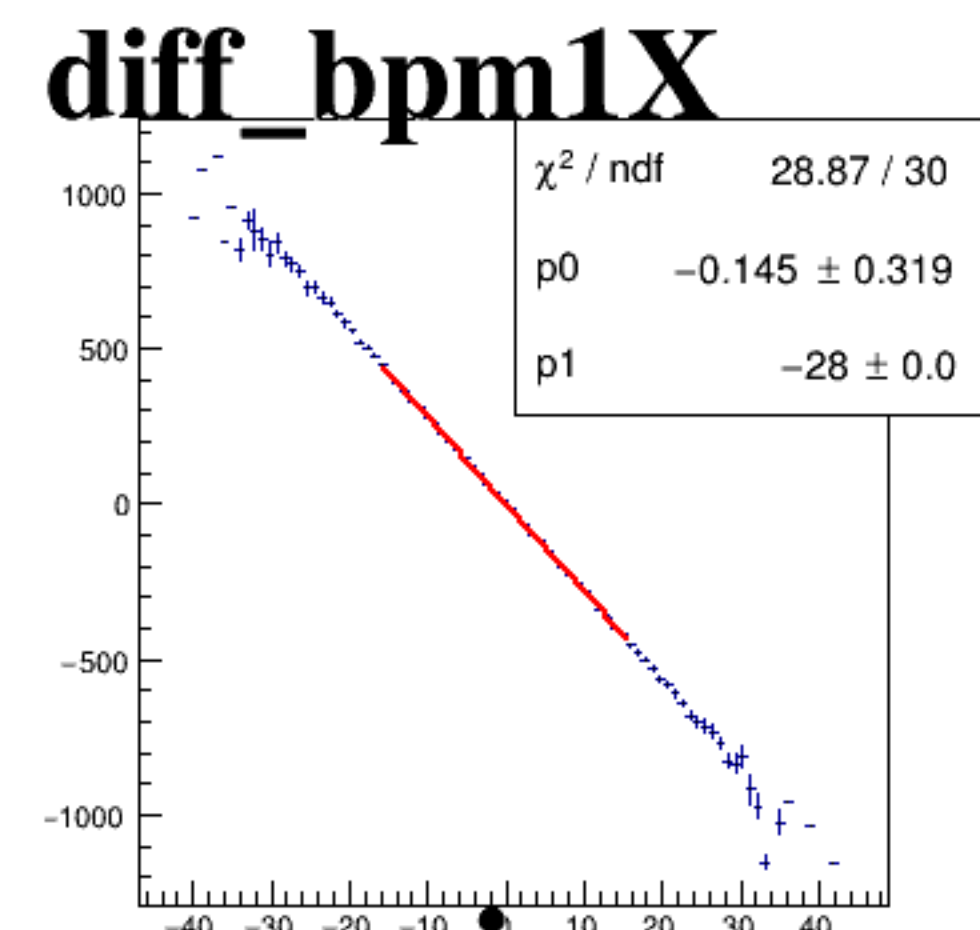
asym_sam3



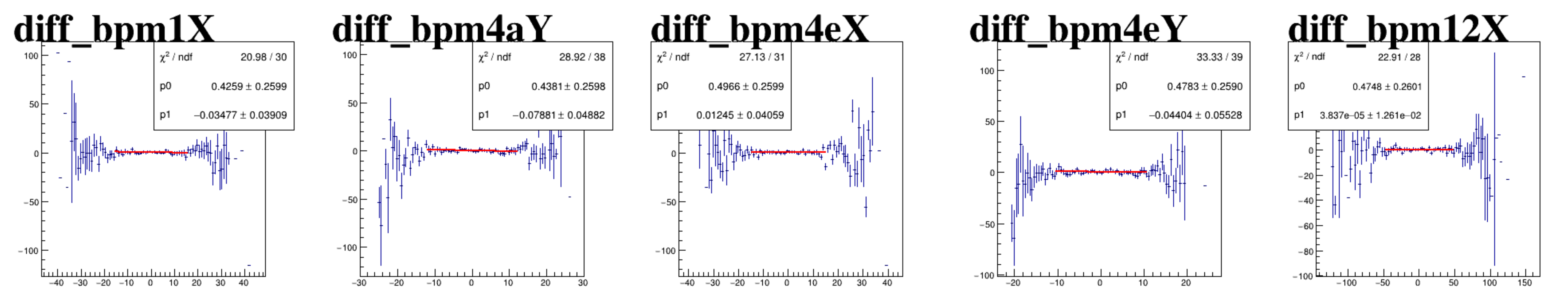
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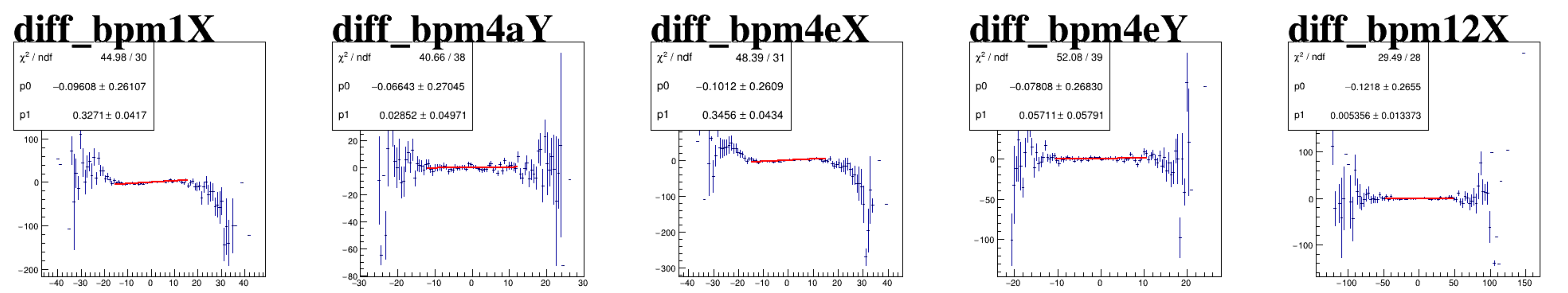
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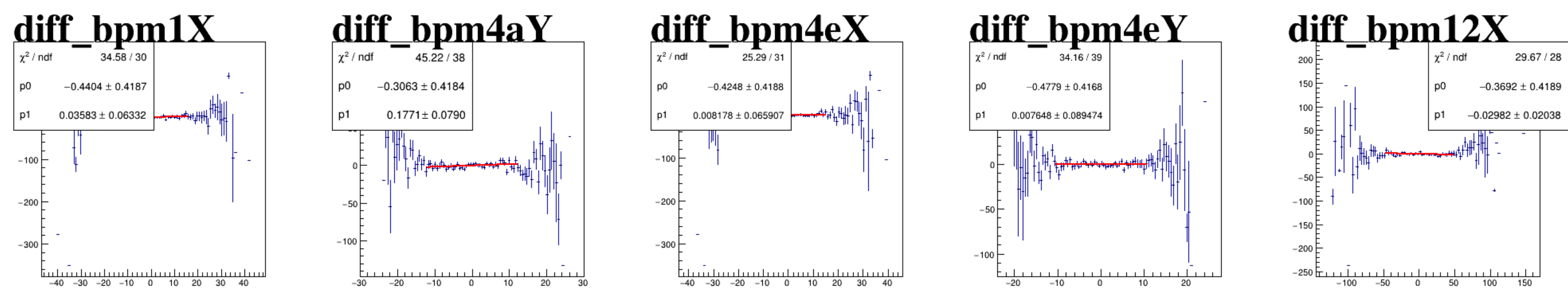
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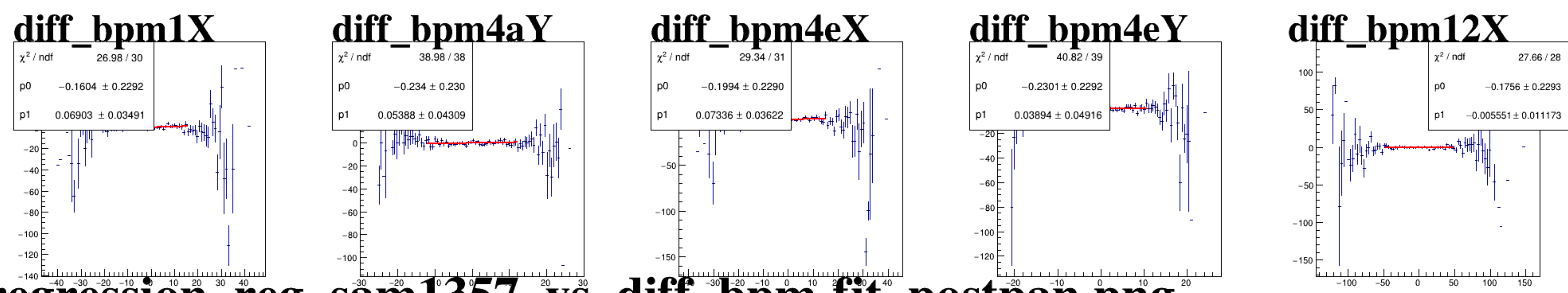
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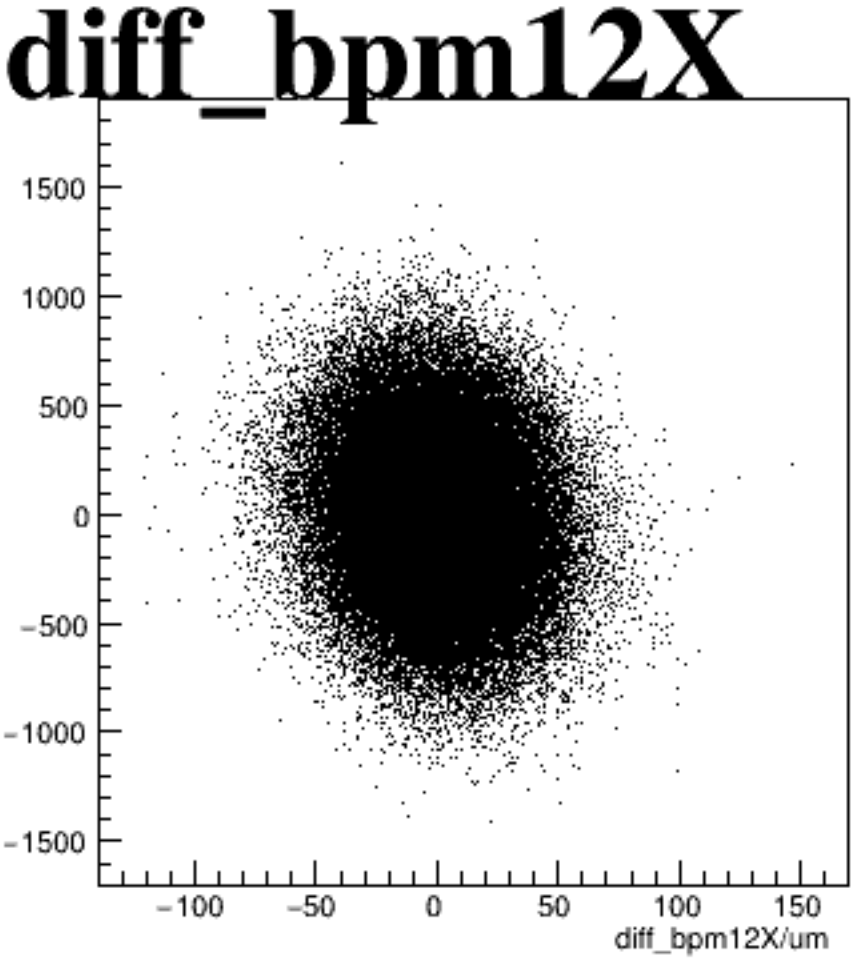
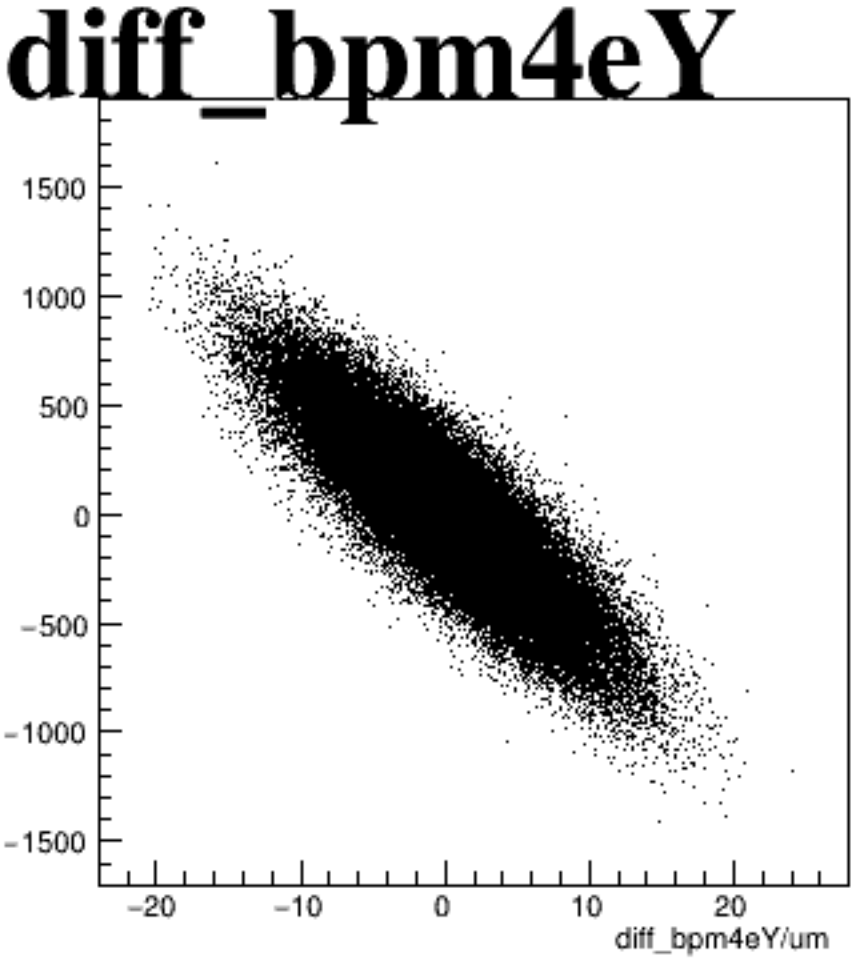
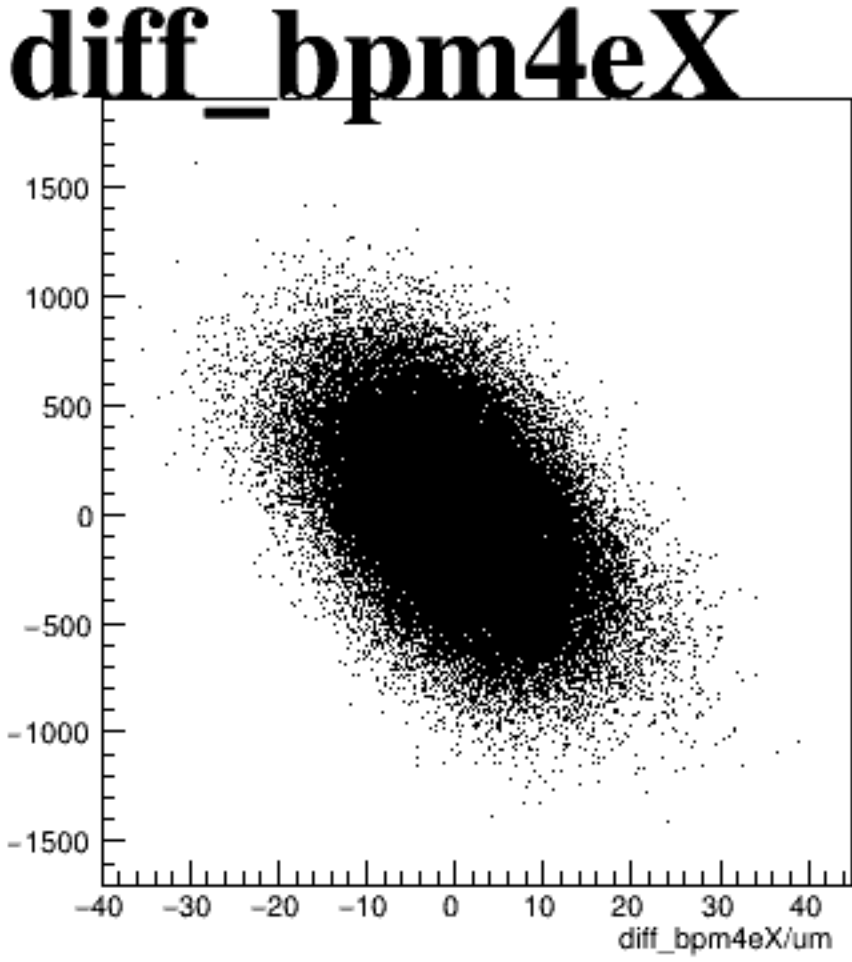
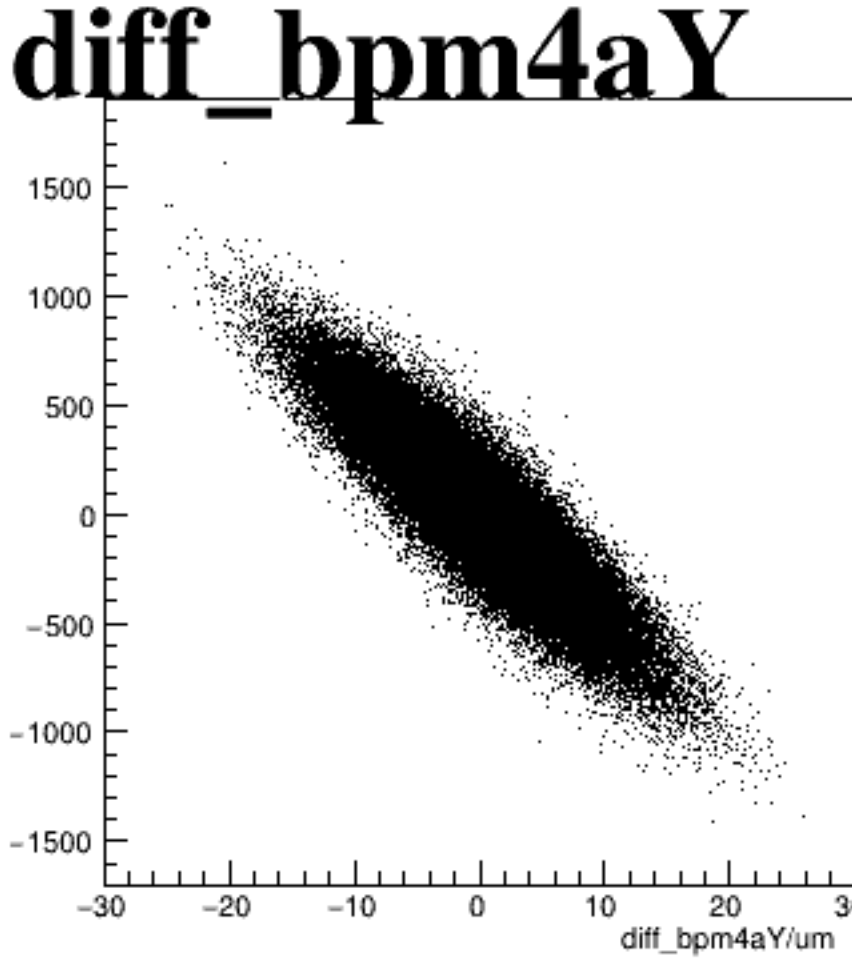
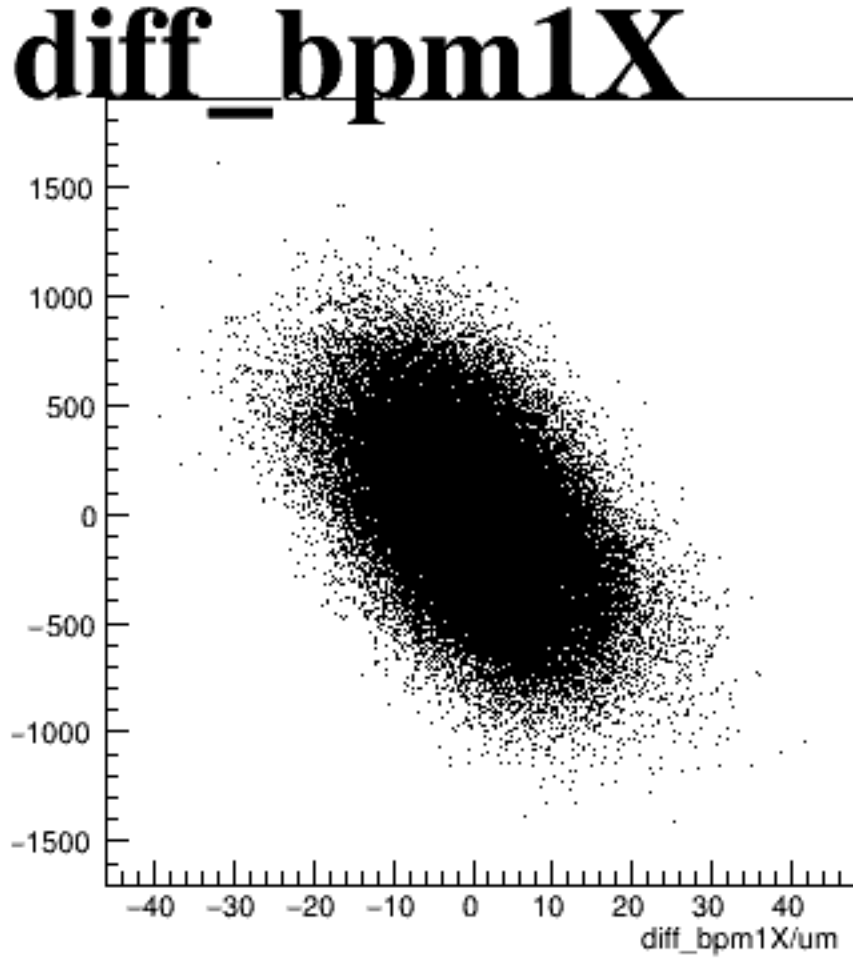
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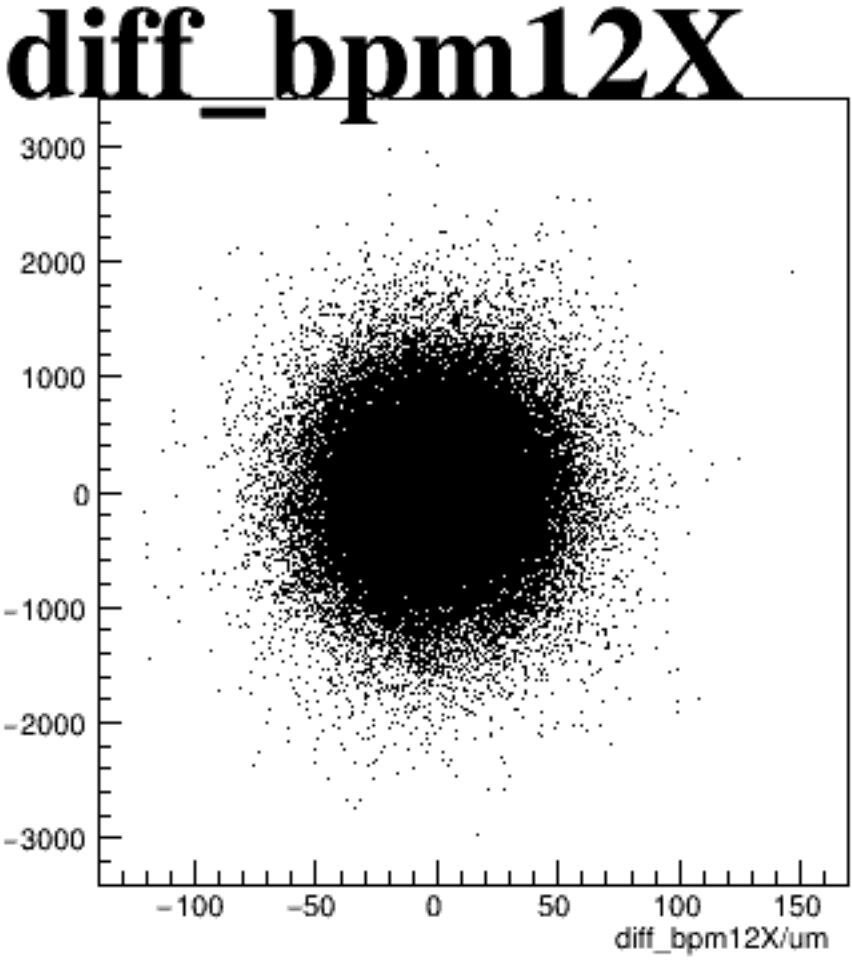
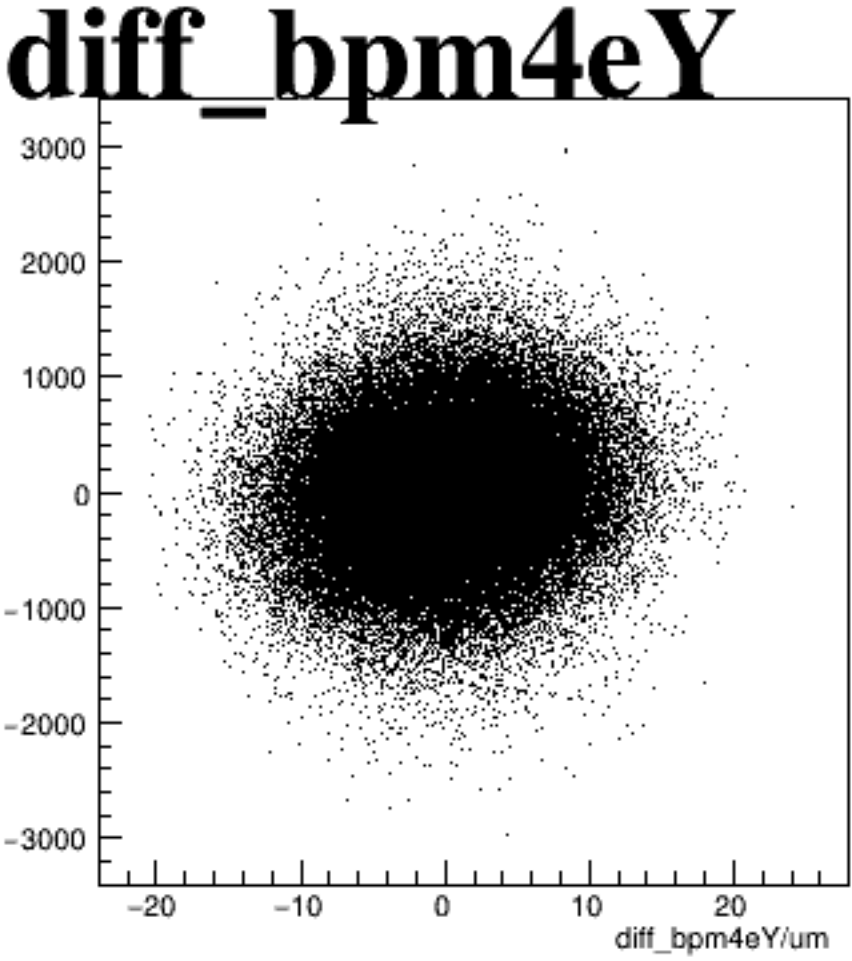
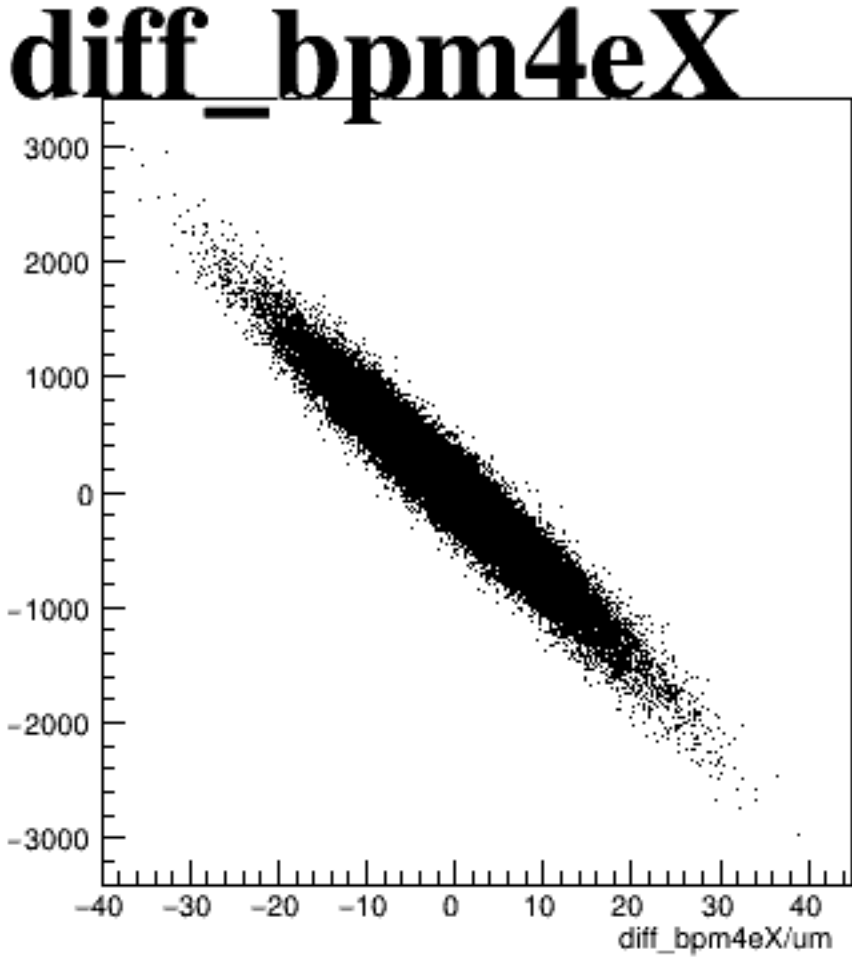
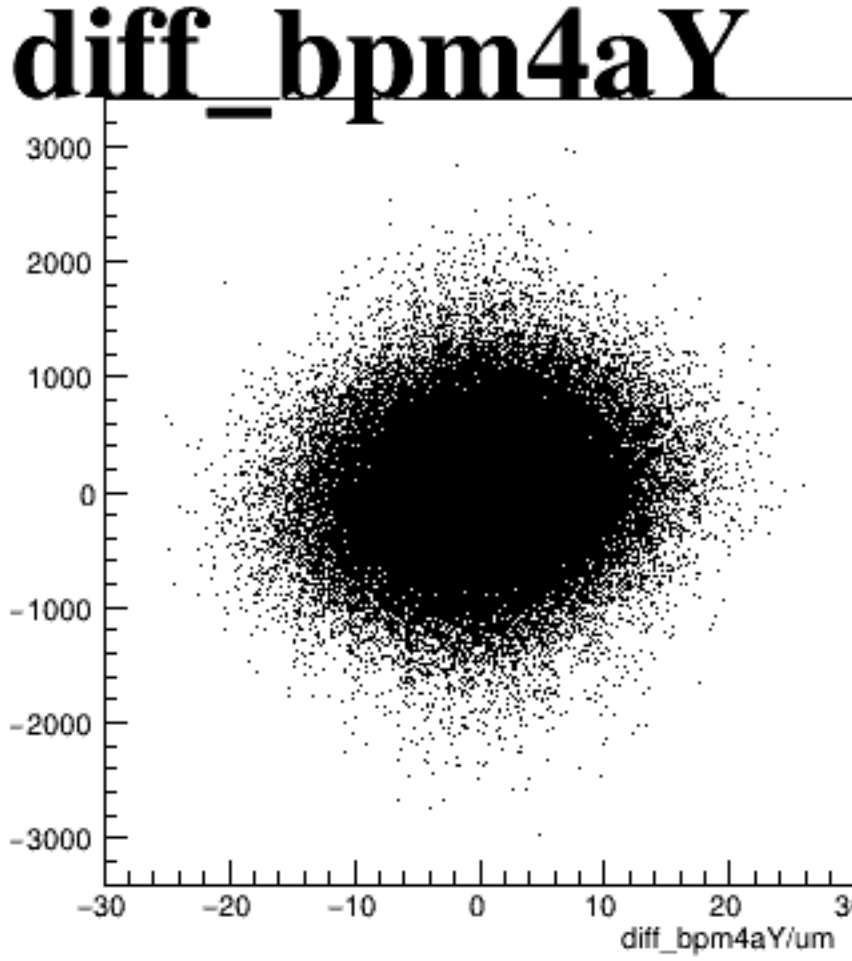
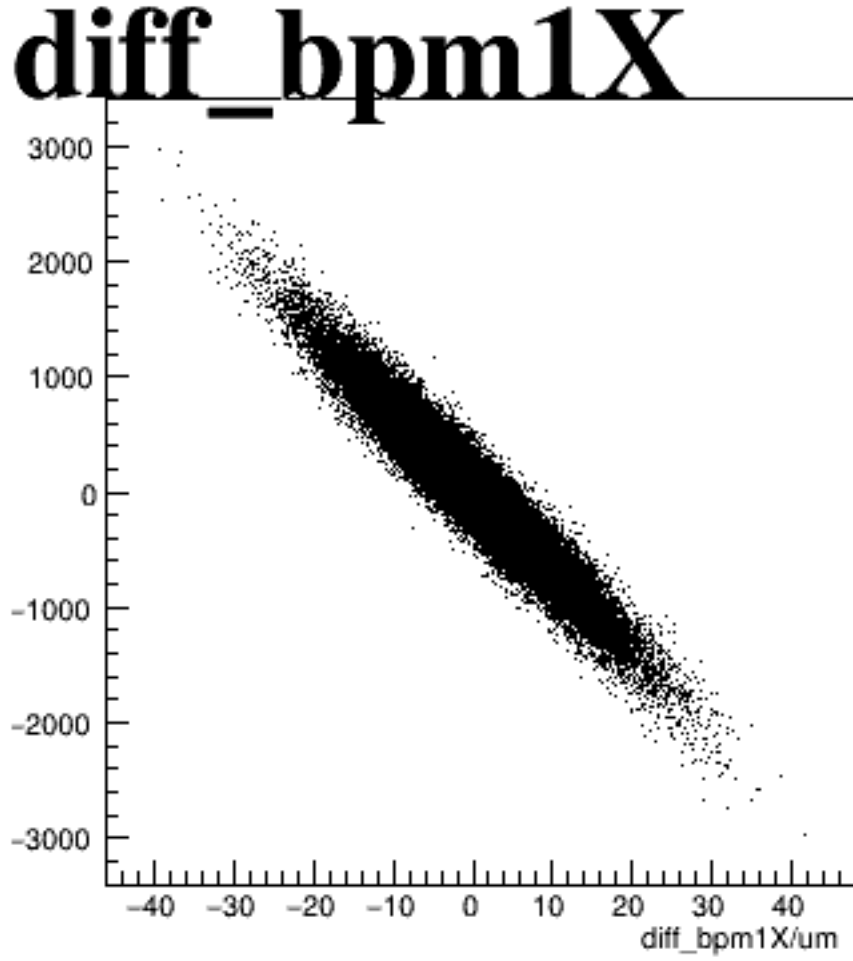
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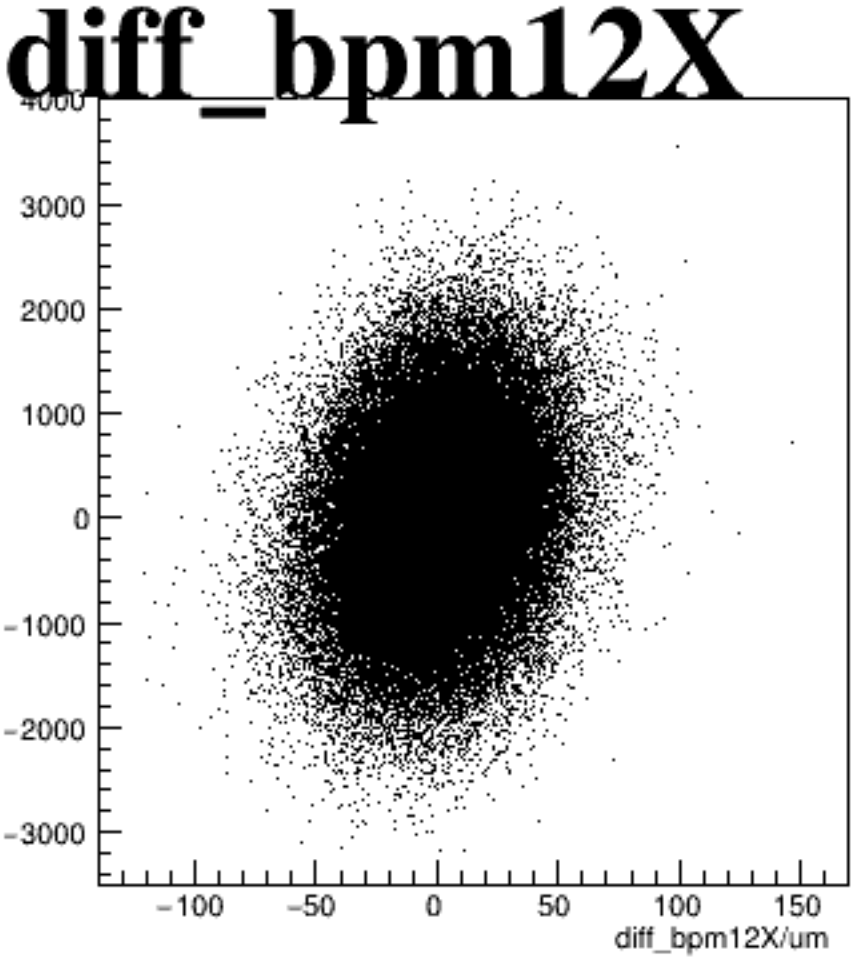
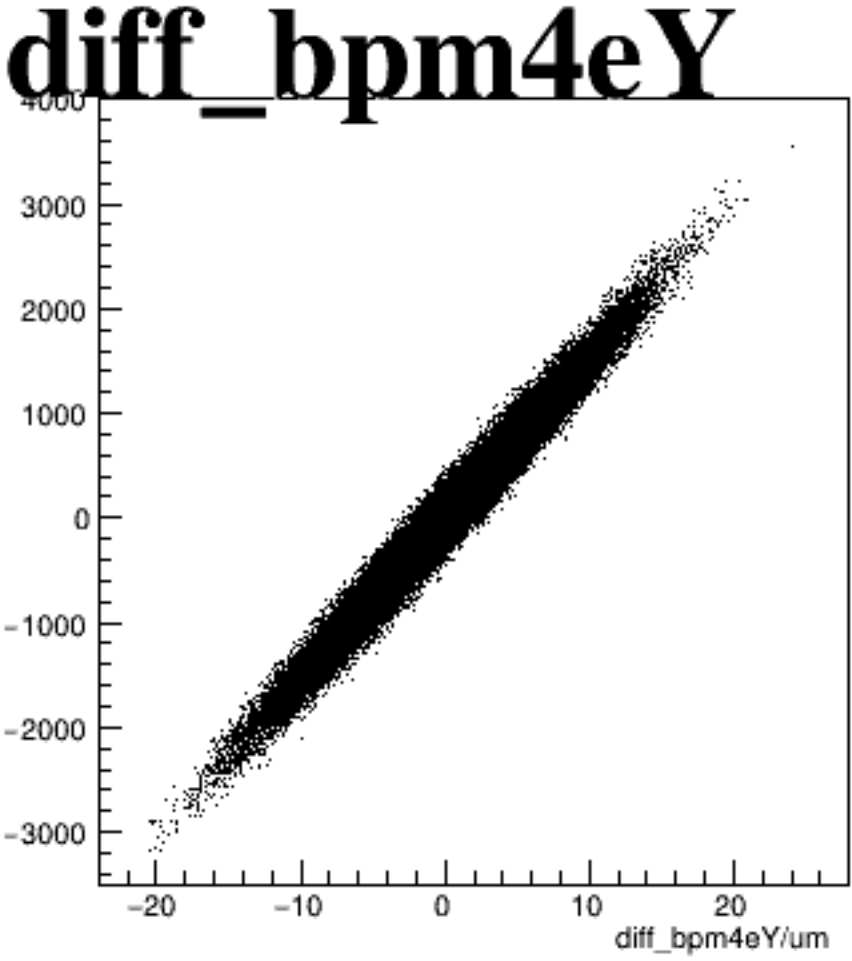
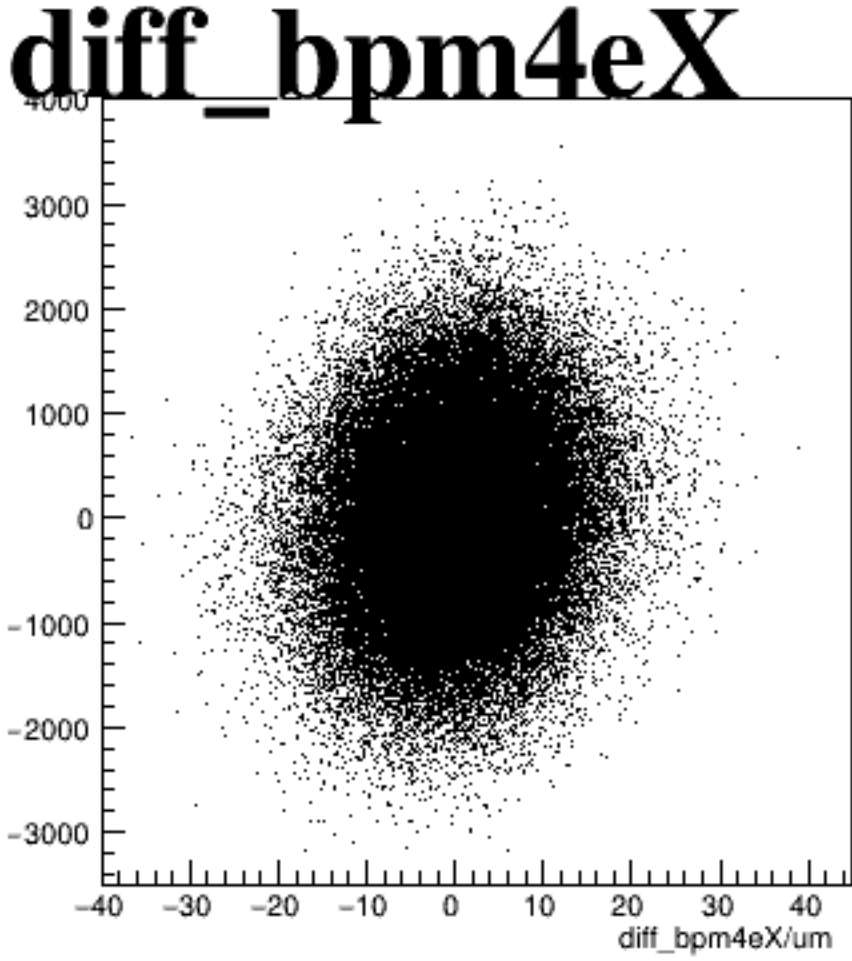
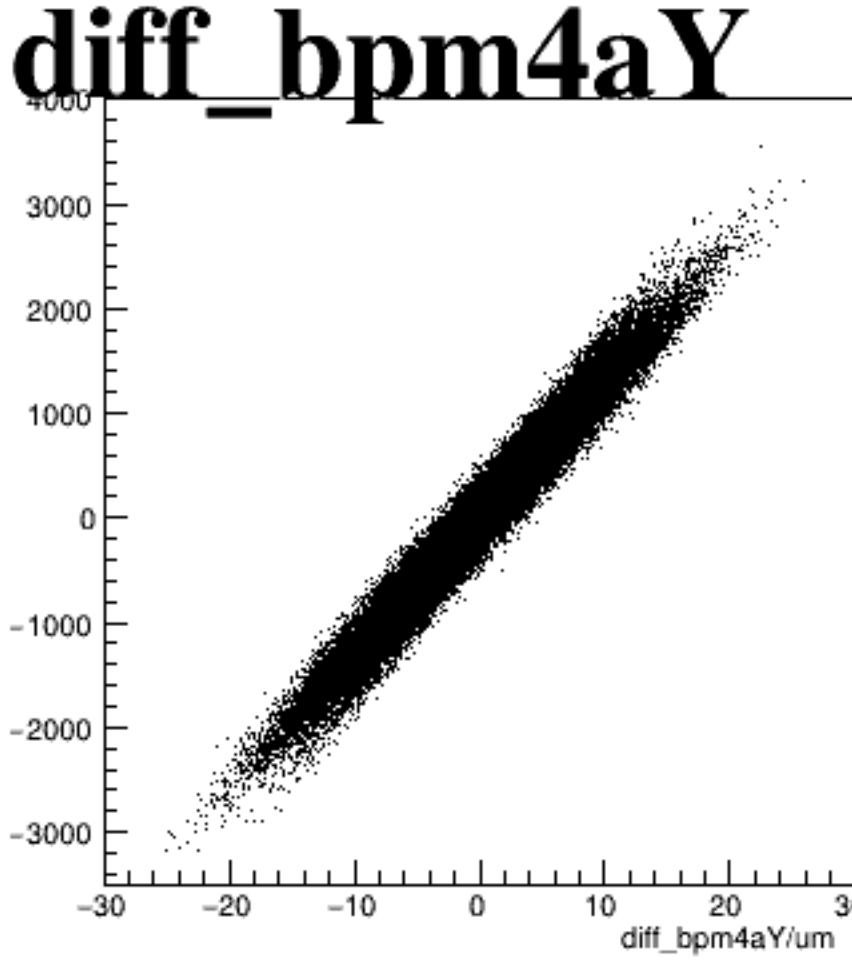
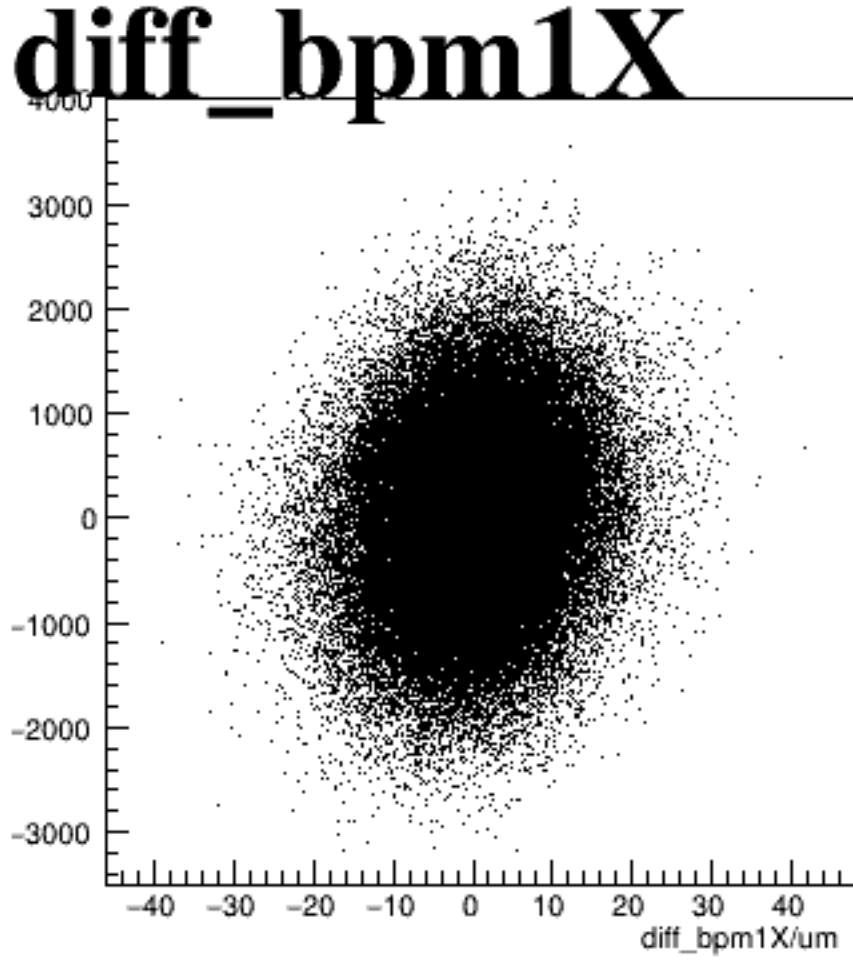
asym_sam1



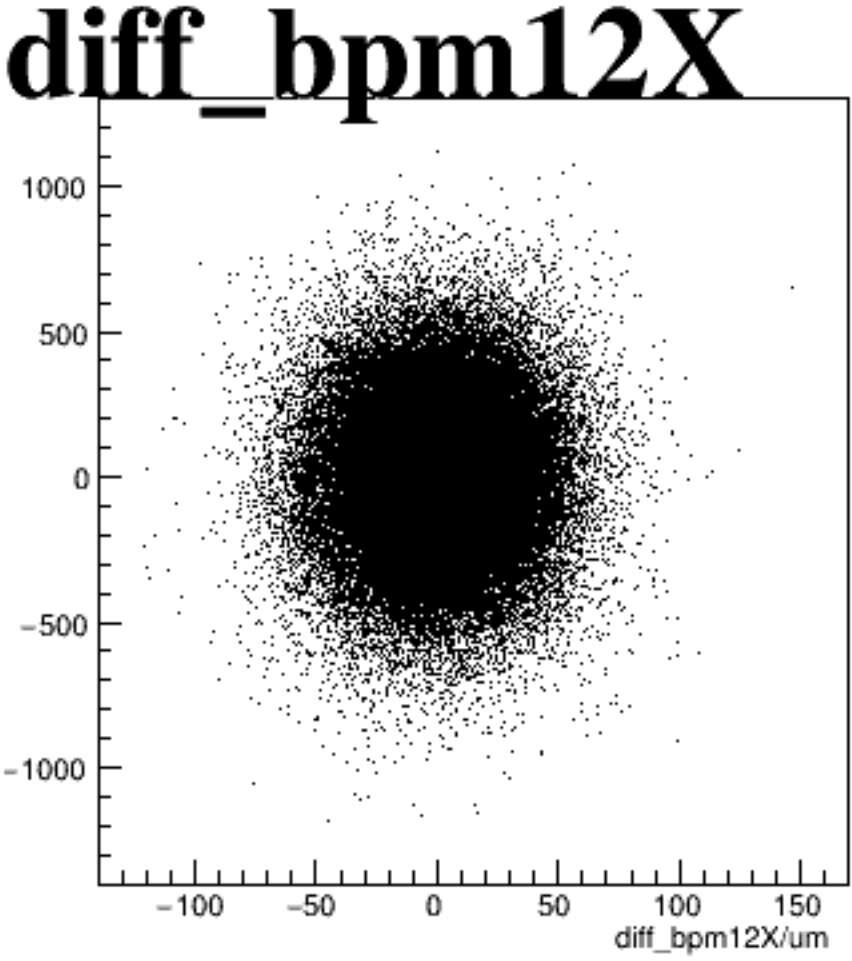
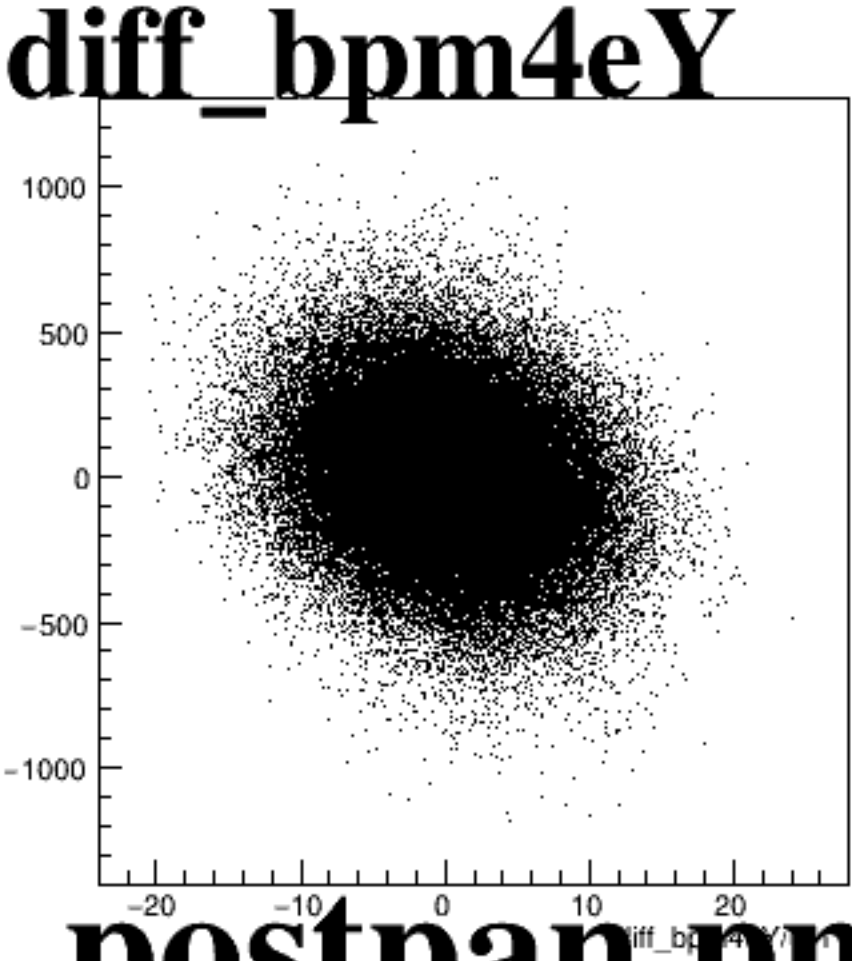
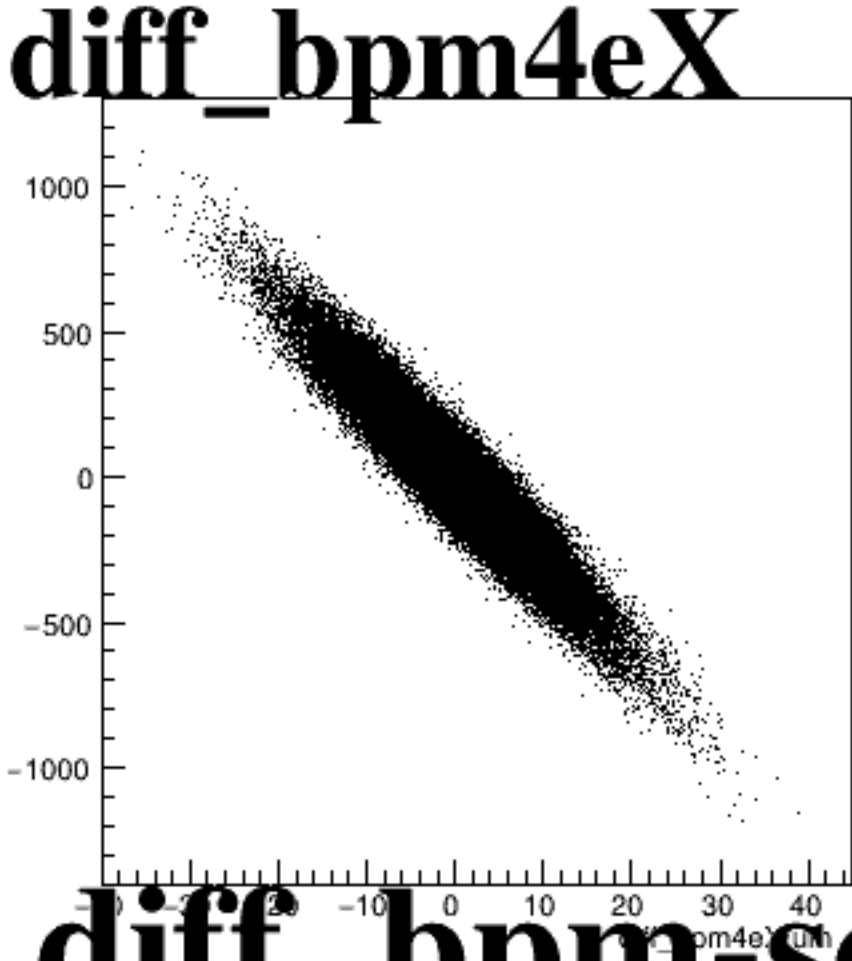
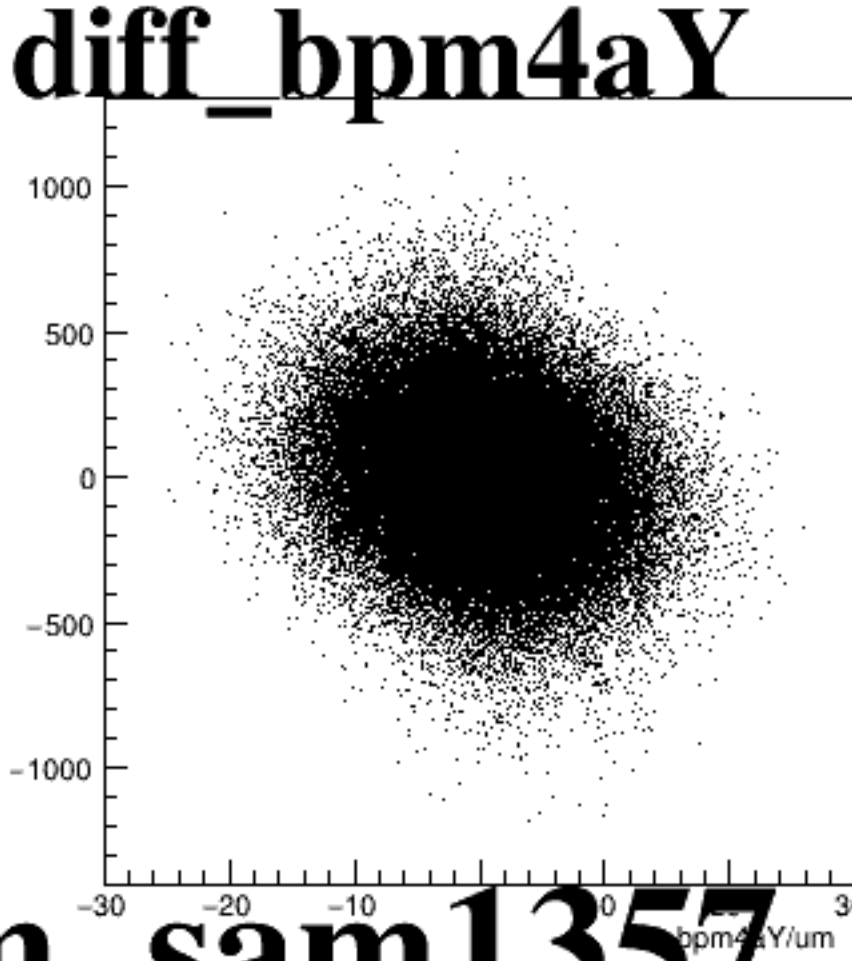
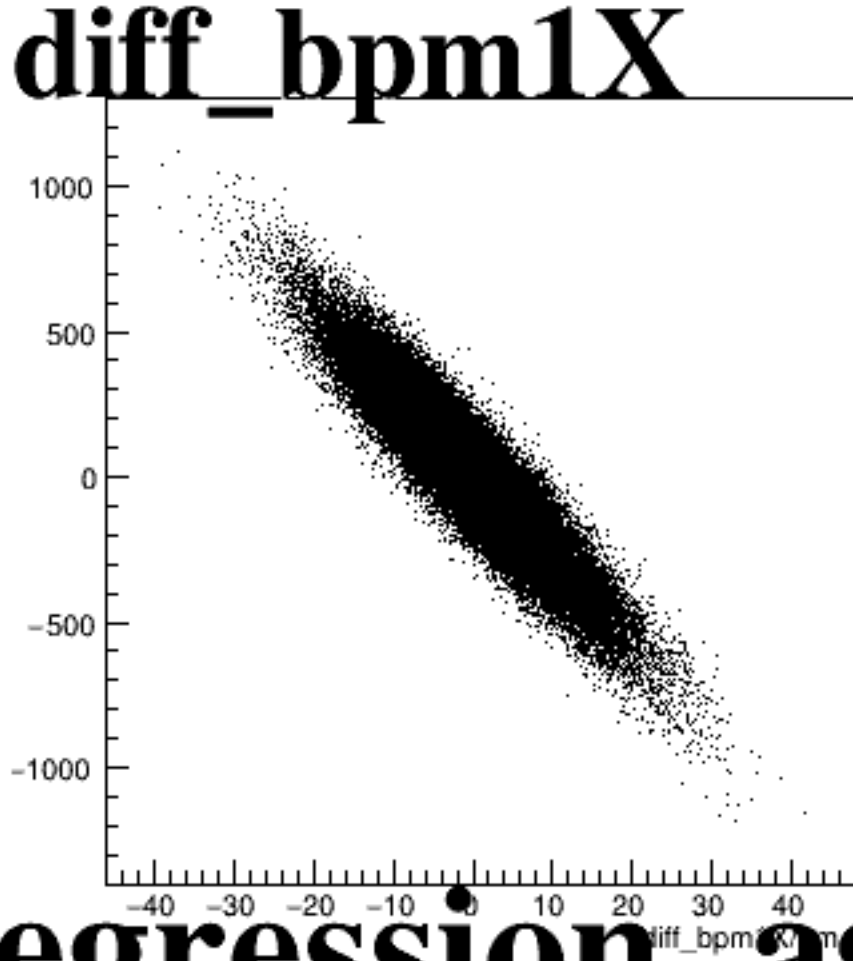
asym_sam3



asym_sam5



asym_sam7



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**: The x-axis ranges from -40 to 40 μm , and the y-axis ranges from -300 to 300.
- diff_bpm4aY**: The x-axis ranges from -30 to 30 μm , and the y-axis ranges from -300 to 300.
- diff_bpm4eX**: The x-axis ranges from -40 to 40 μm , and the y-axis ranges from -300 to 300.
- diff_bpm4eY**: The x-axis ranges from -20 to 20 μm , and the y-axis ranges from -300 to 300.
- diff_bpm12X**: The x-axis ranges from -100 to 150 μm , and the y-axis ranges from -300 to 300.

In all plots, the data points form a dense, roughly circular cloud centered at the origin (0,0), indicating that the difference in beam position measurements is generally small and consistent across the range of beam sizes and positions shown.