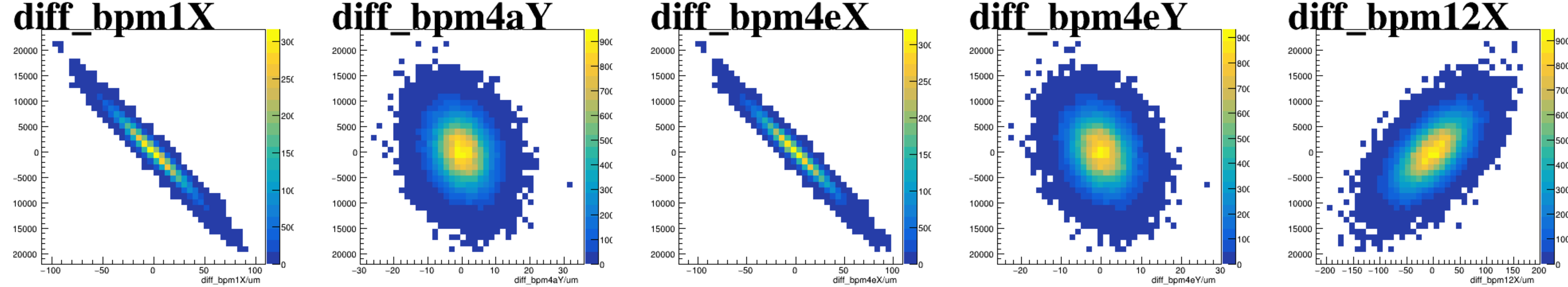
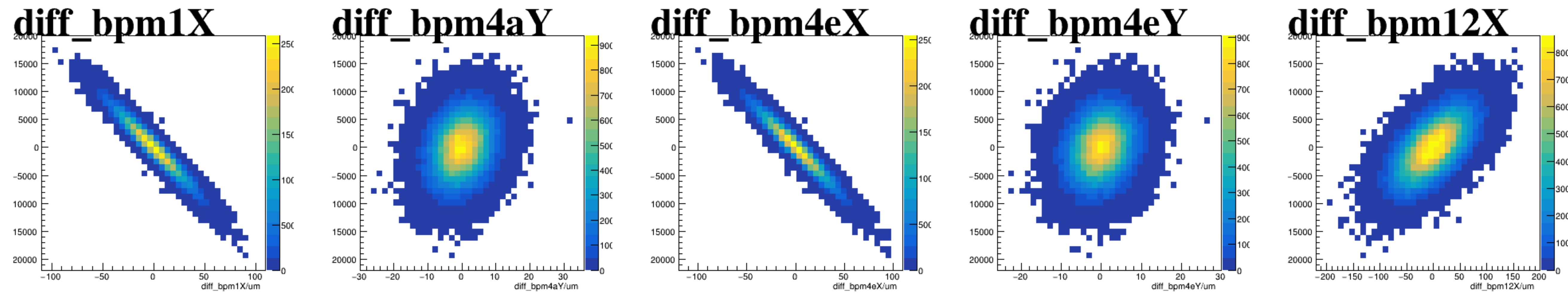


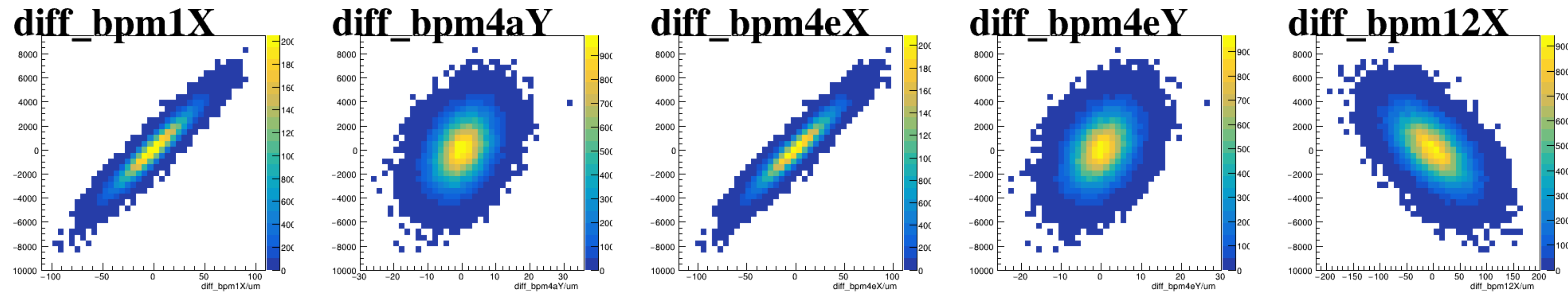
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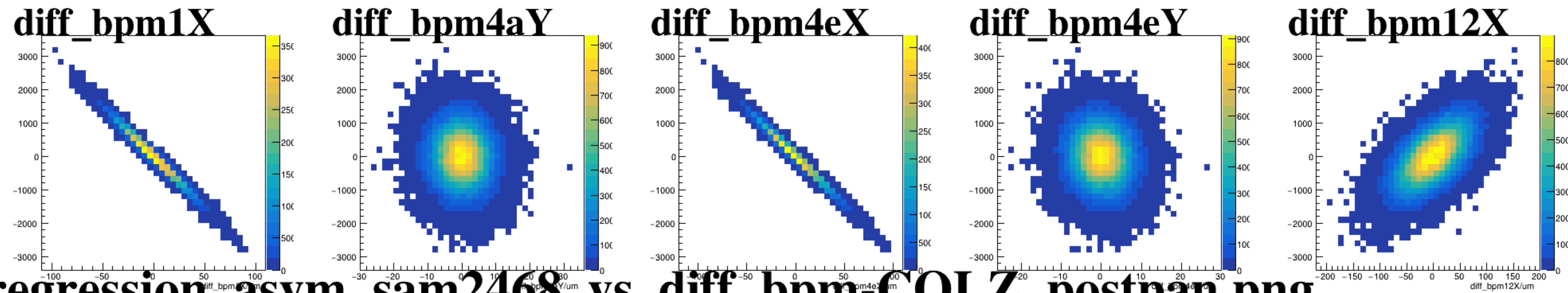
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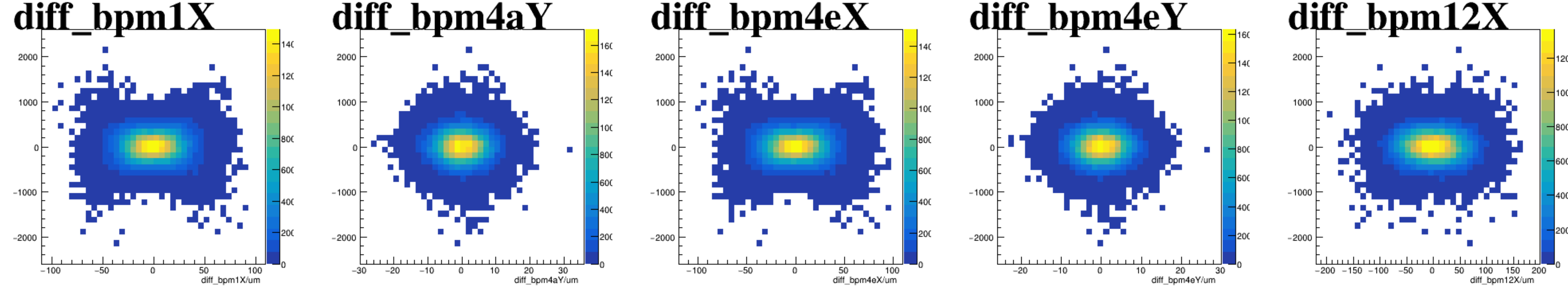
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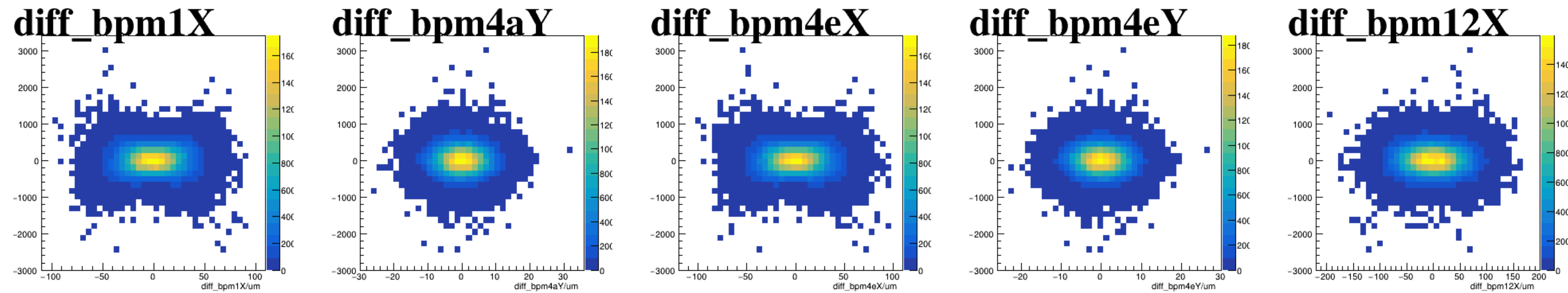
asym_sam8



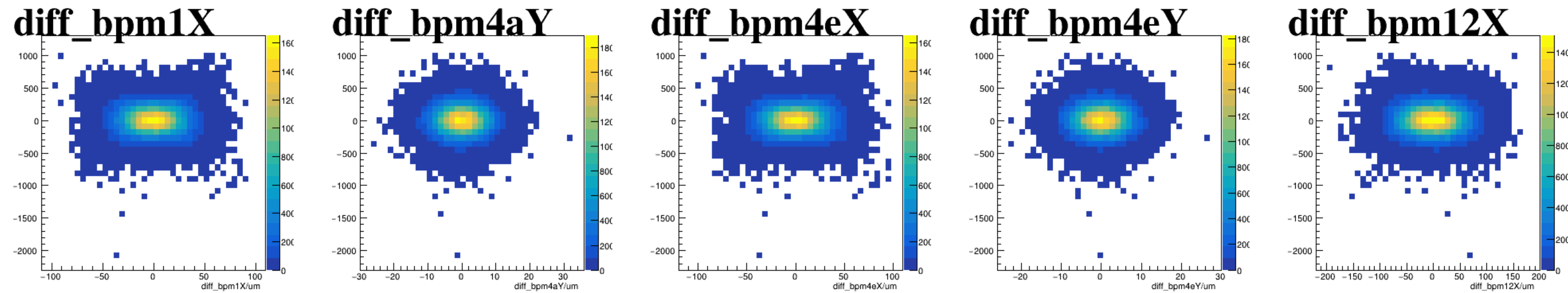
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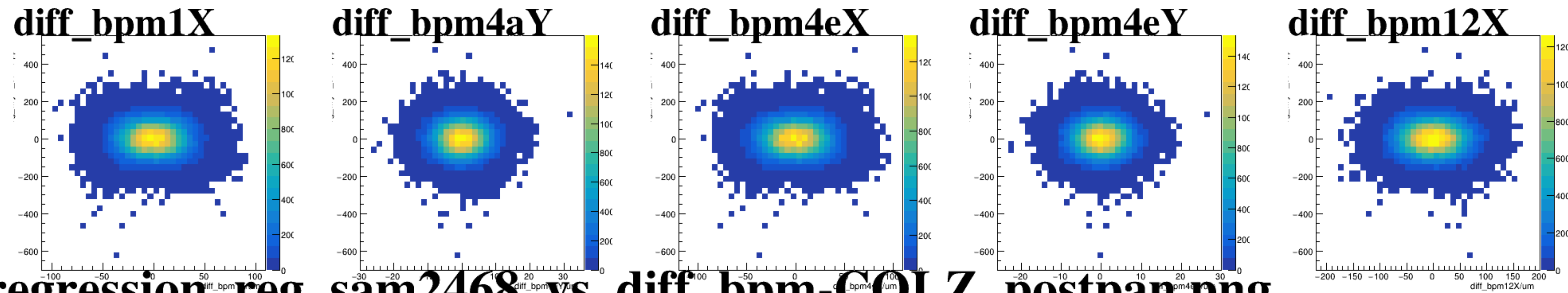
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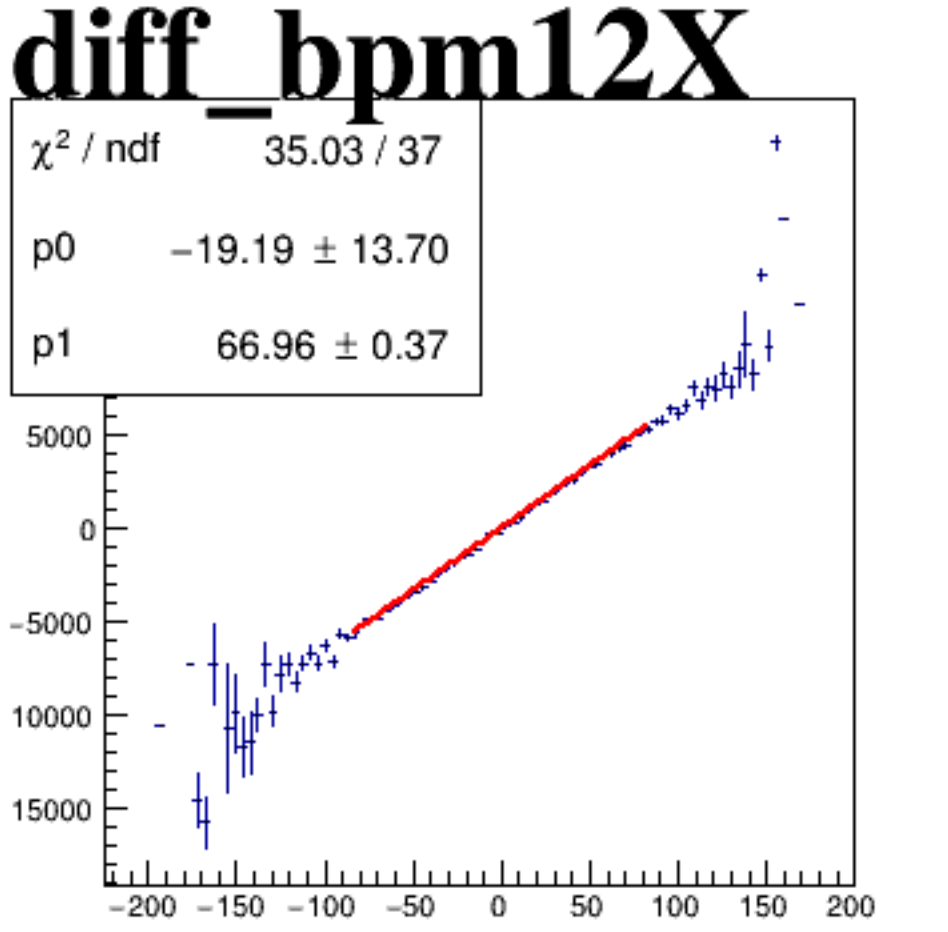
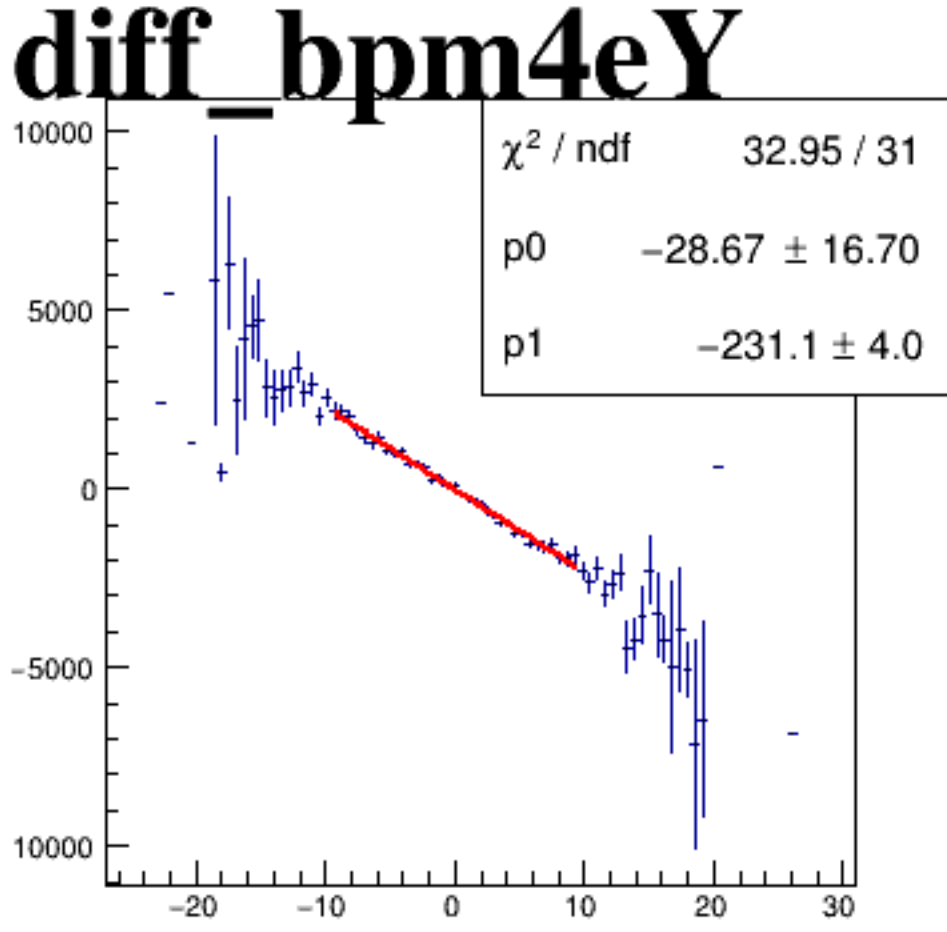
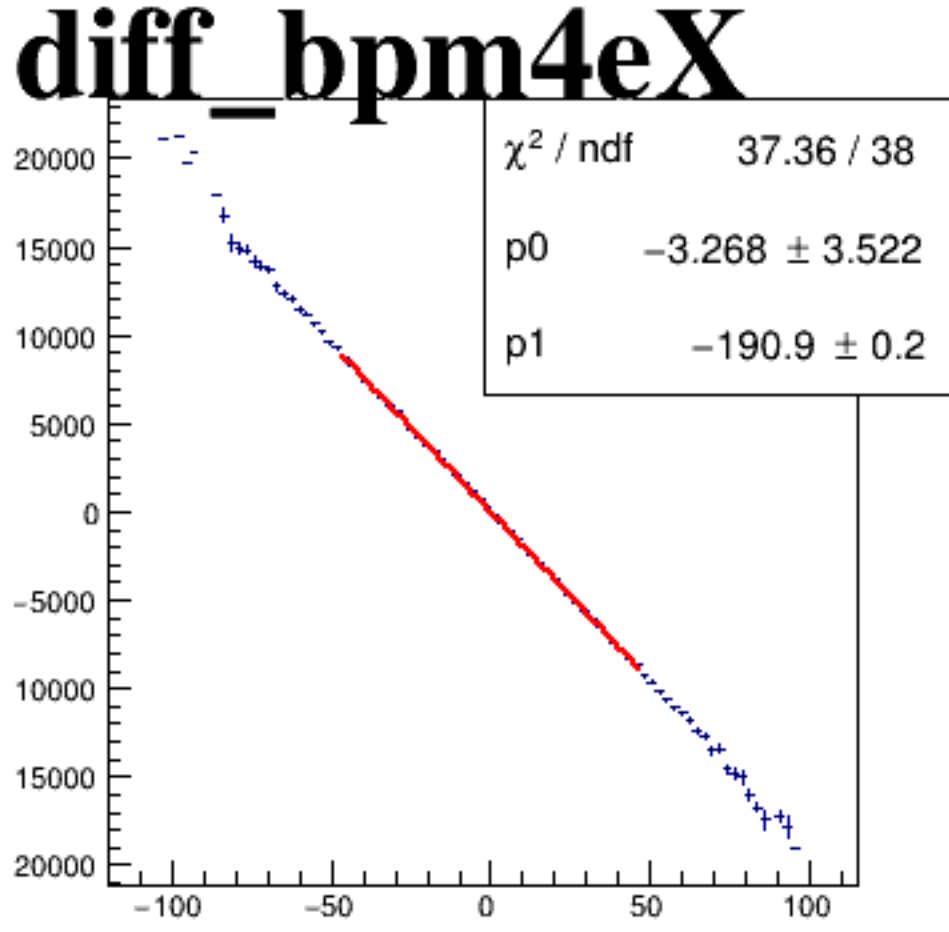
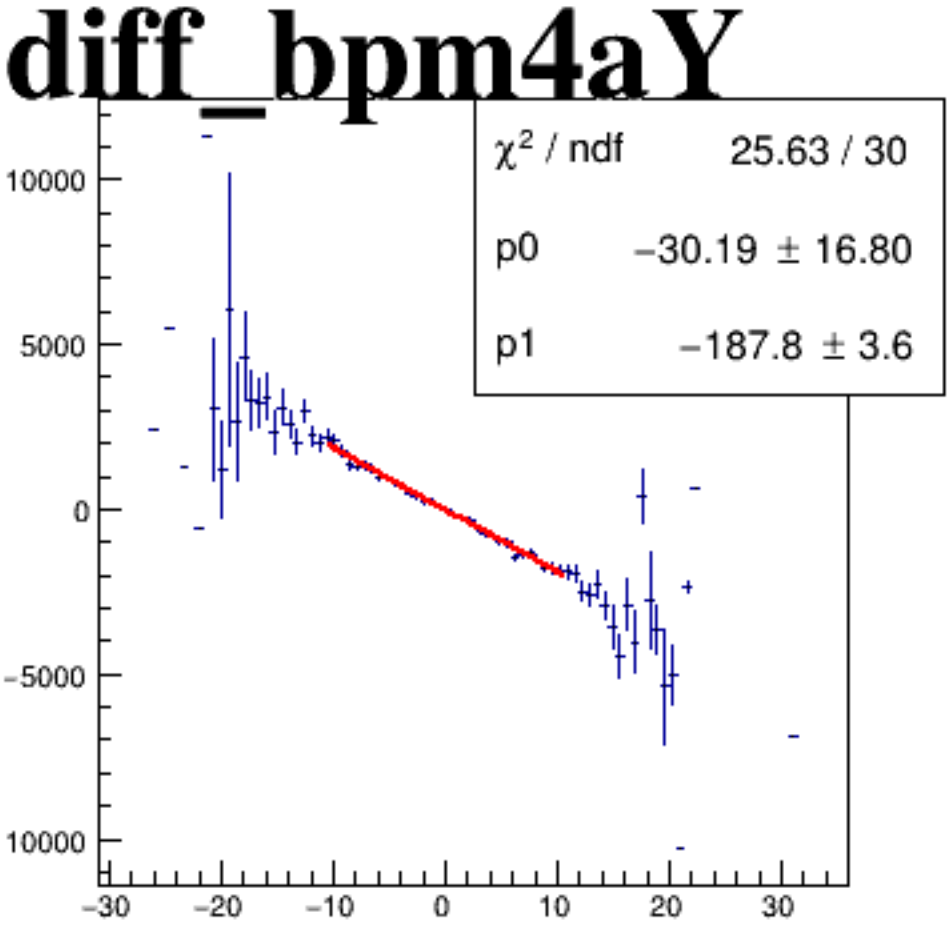
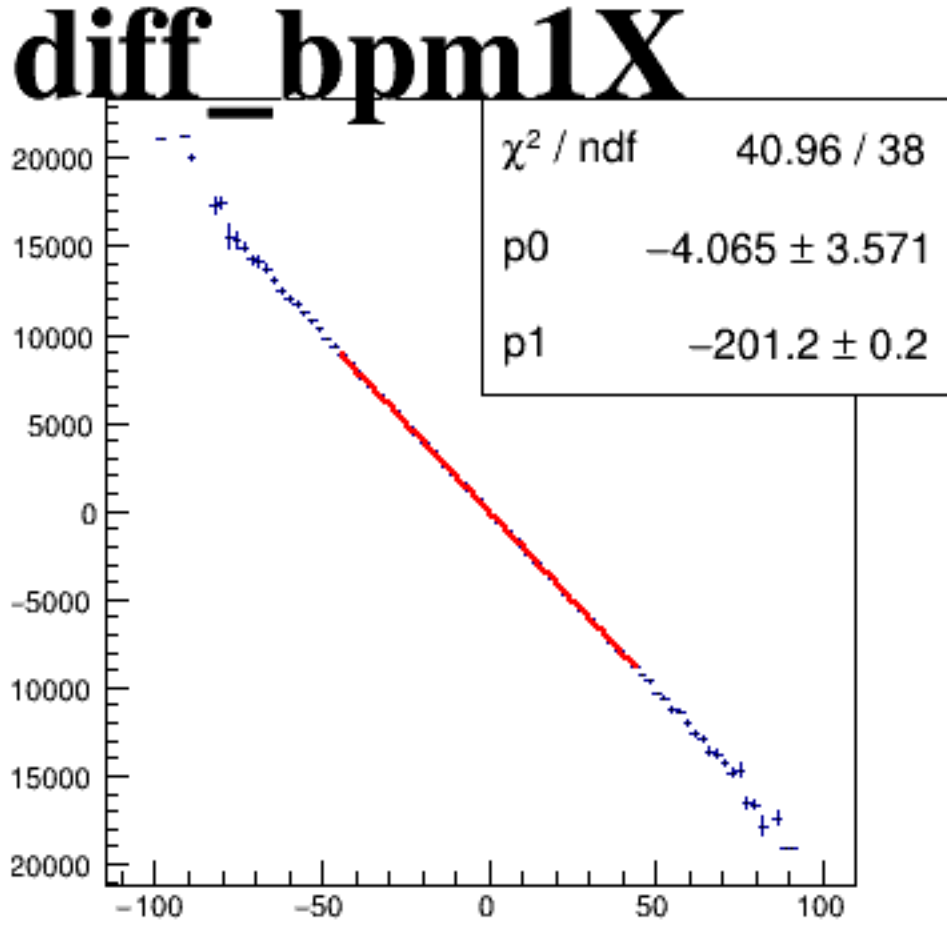
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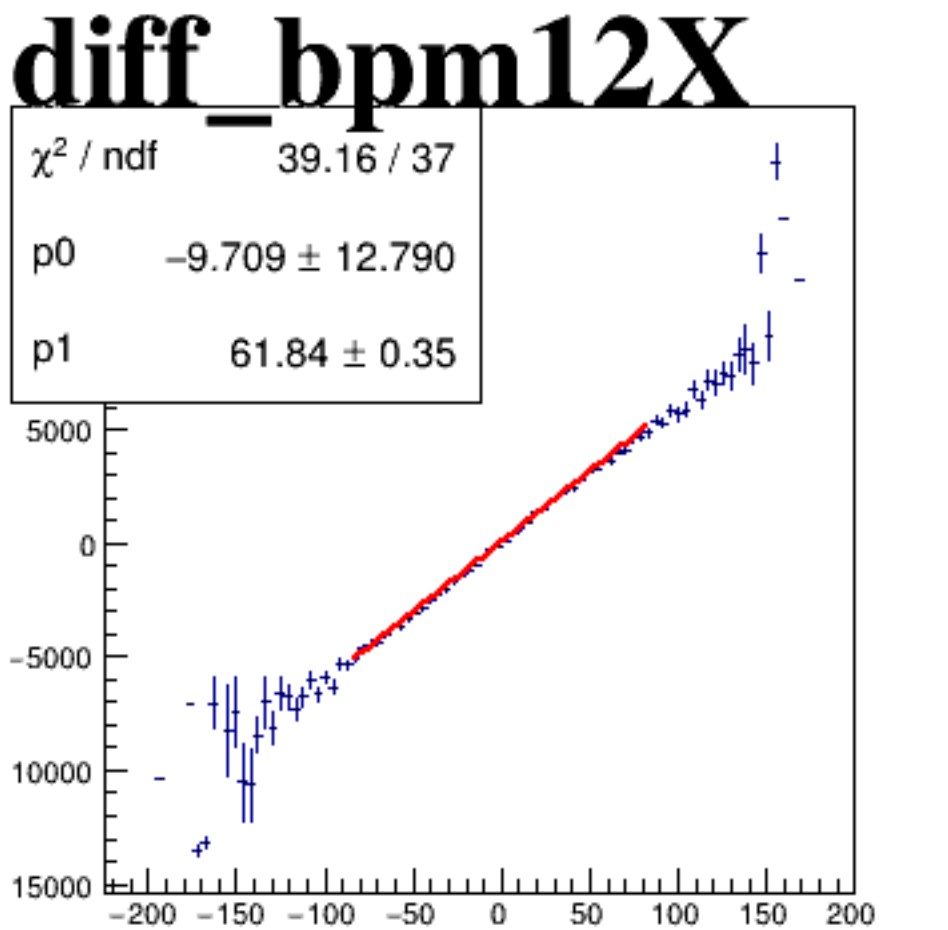
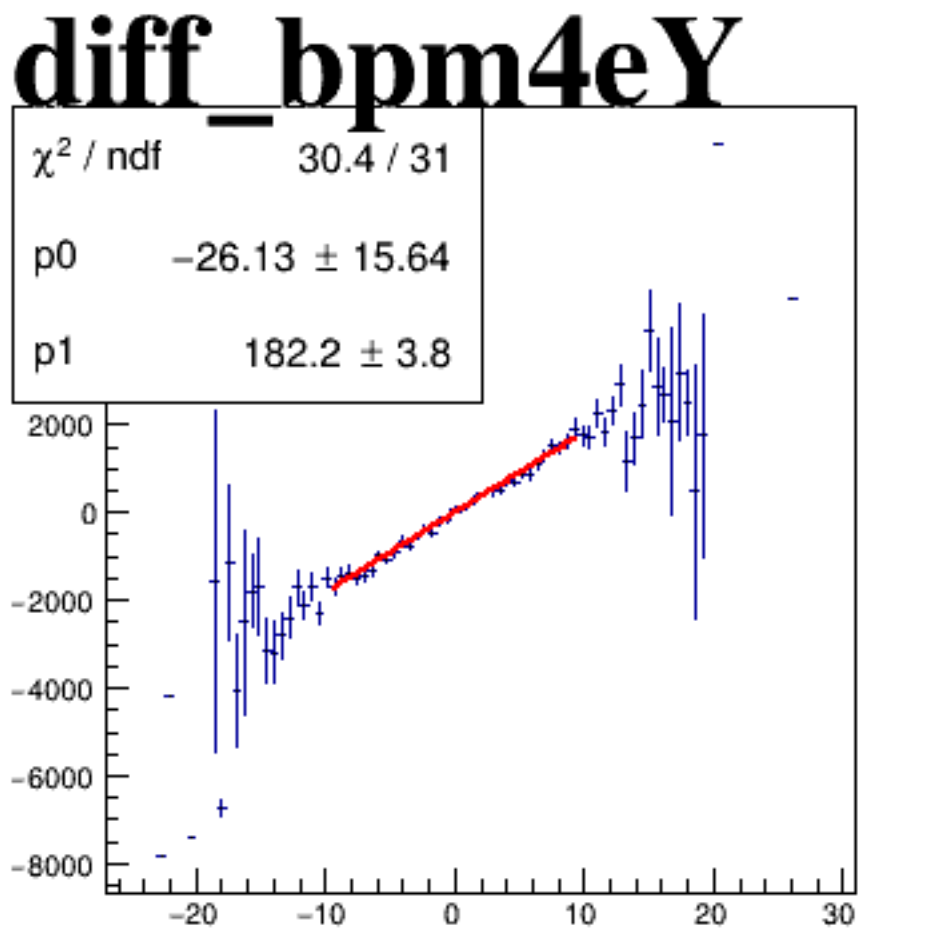
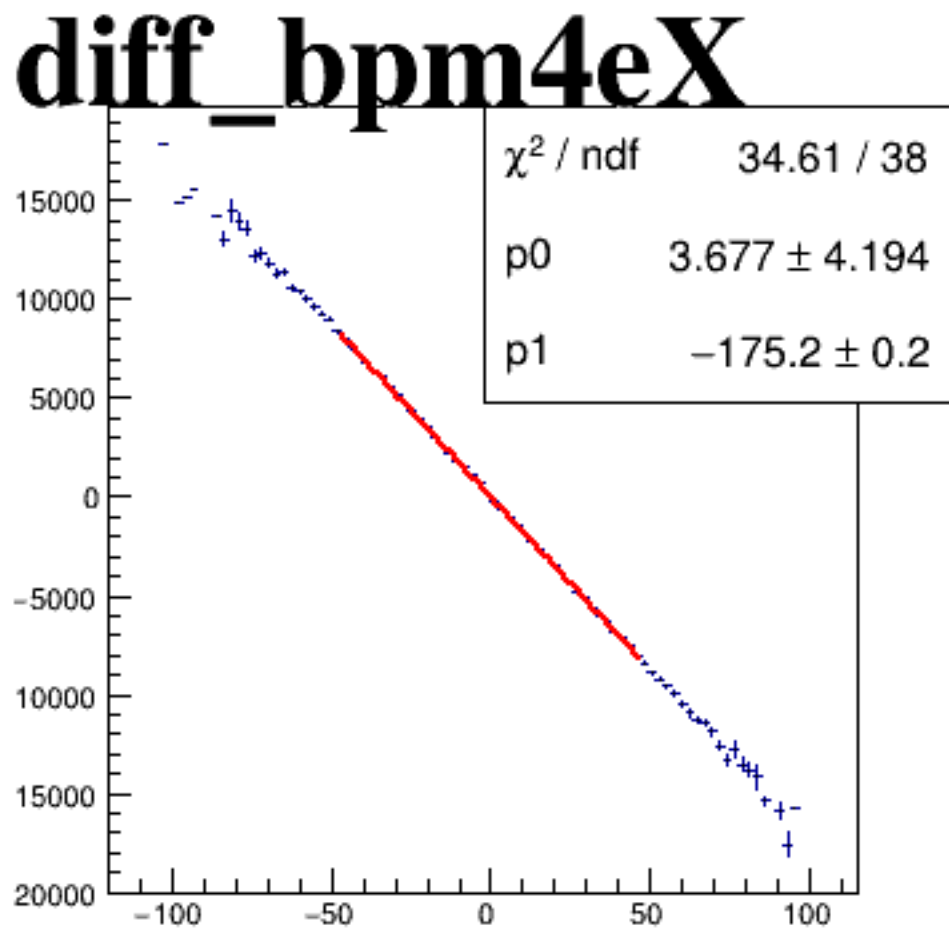
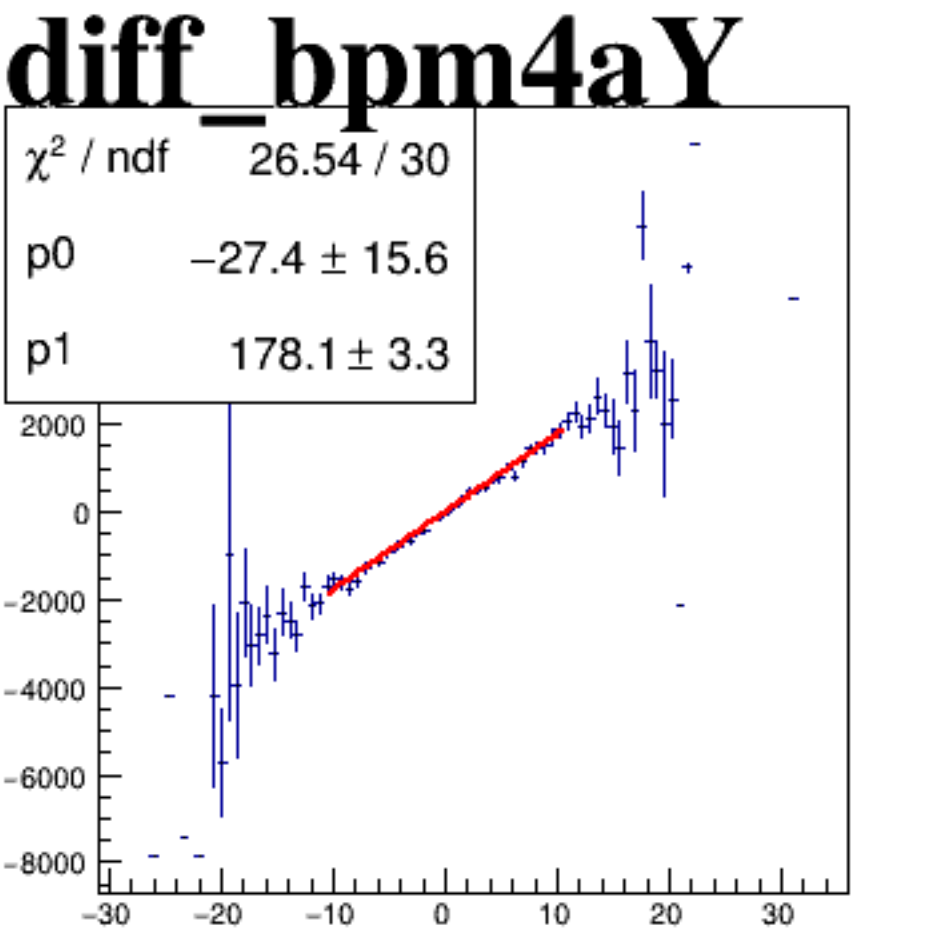
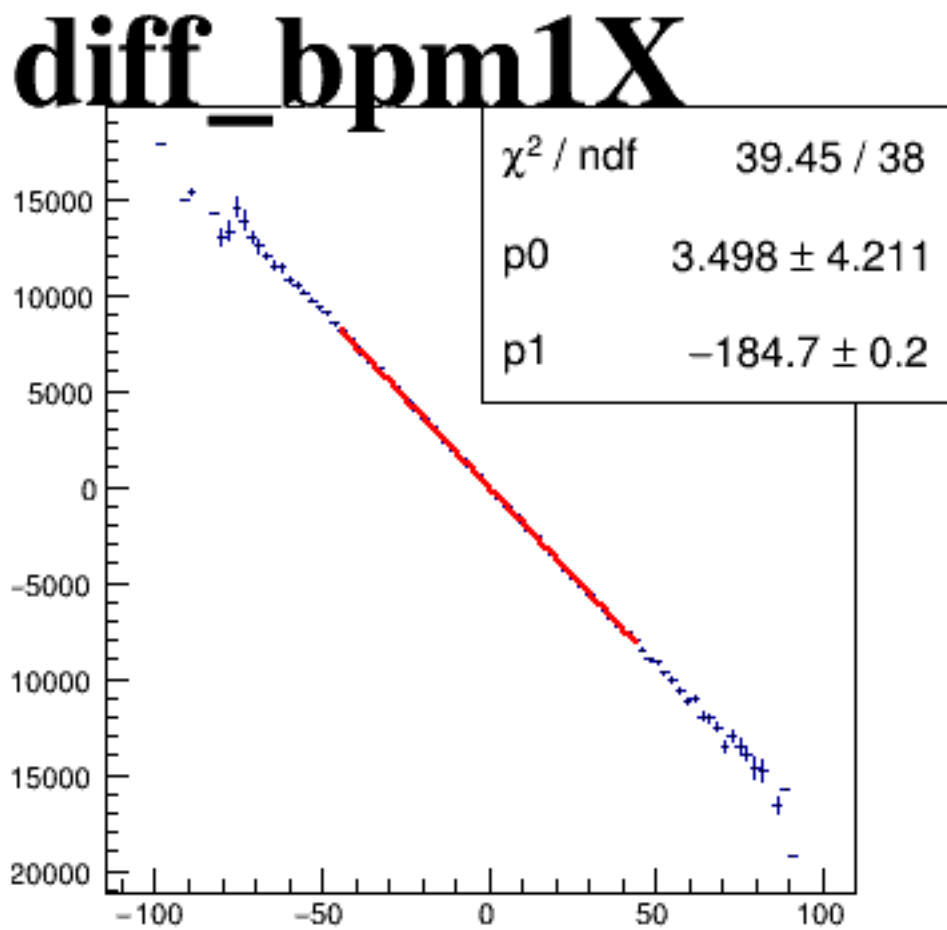
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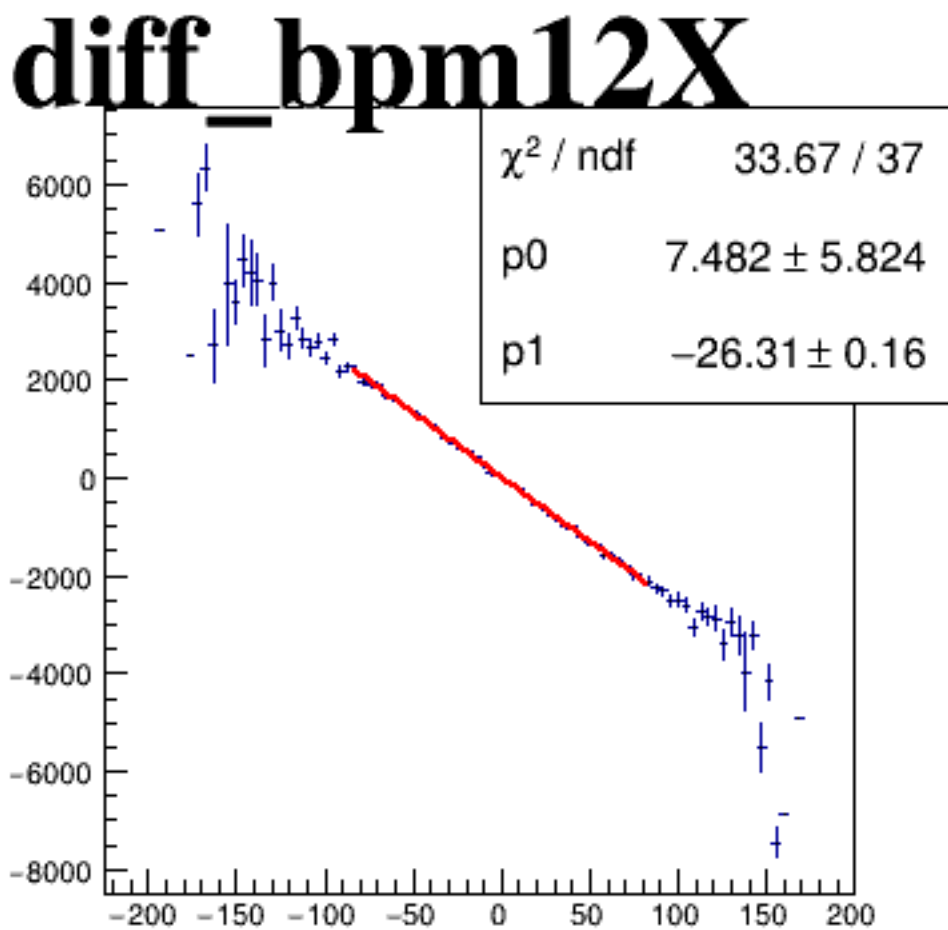
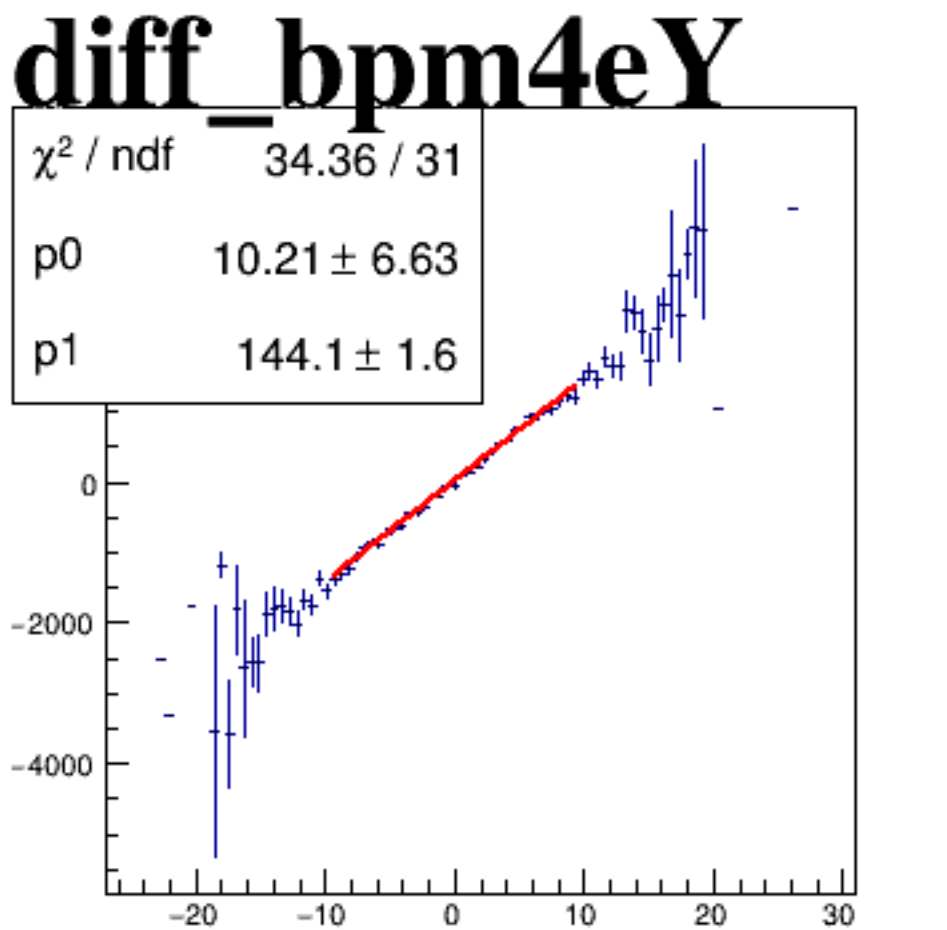
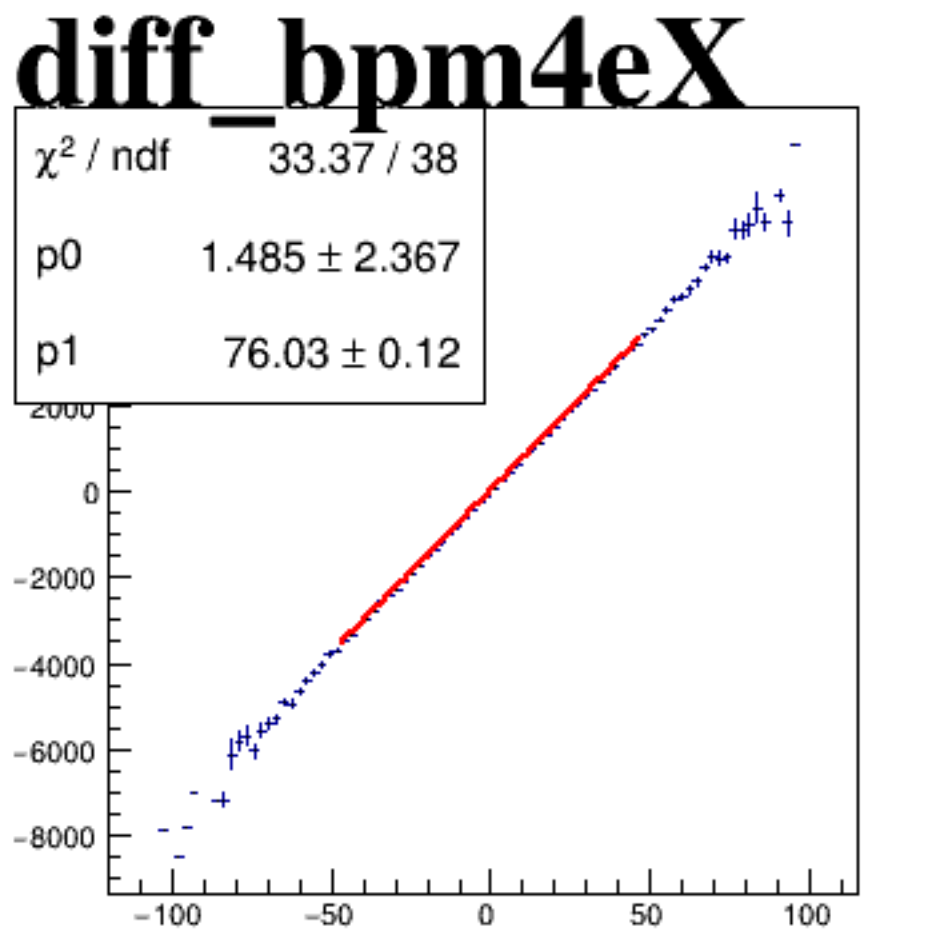
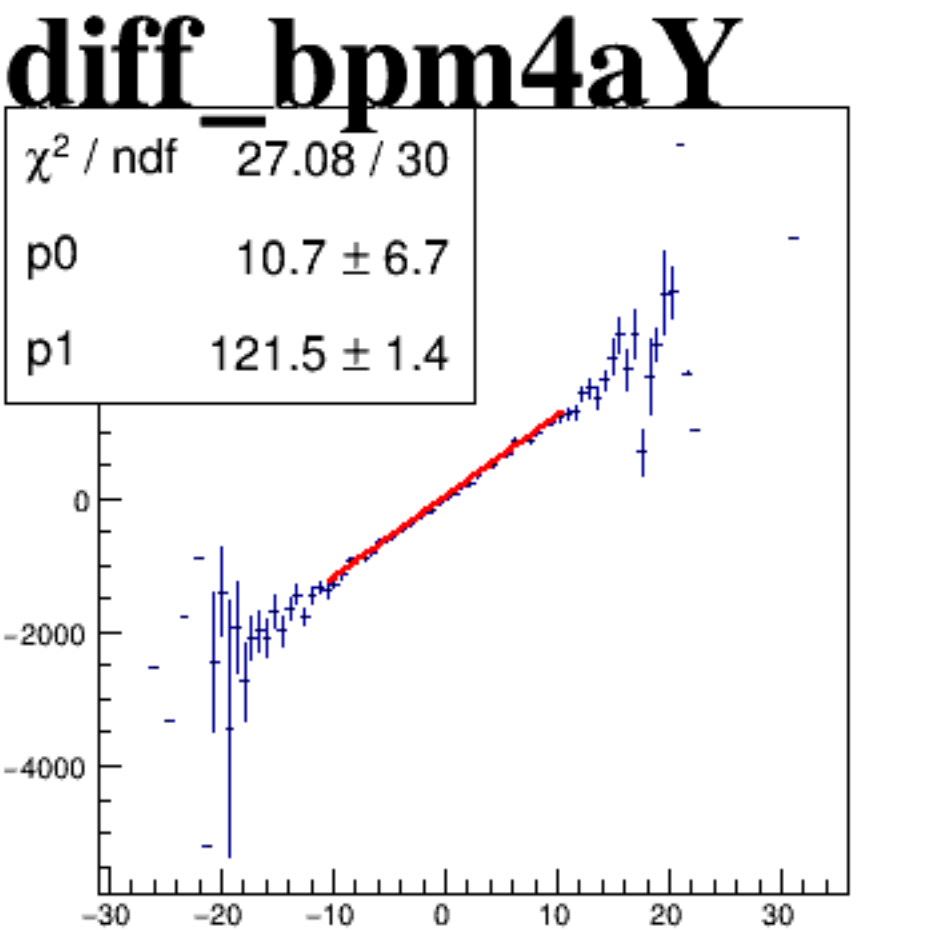
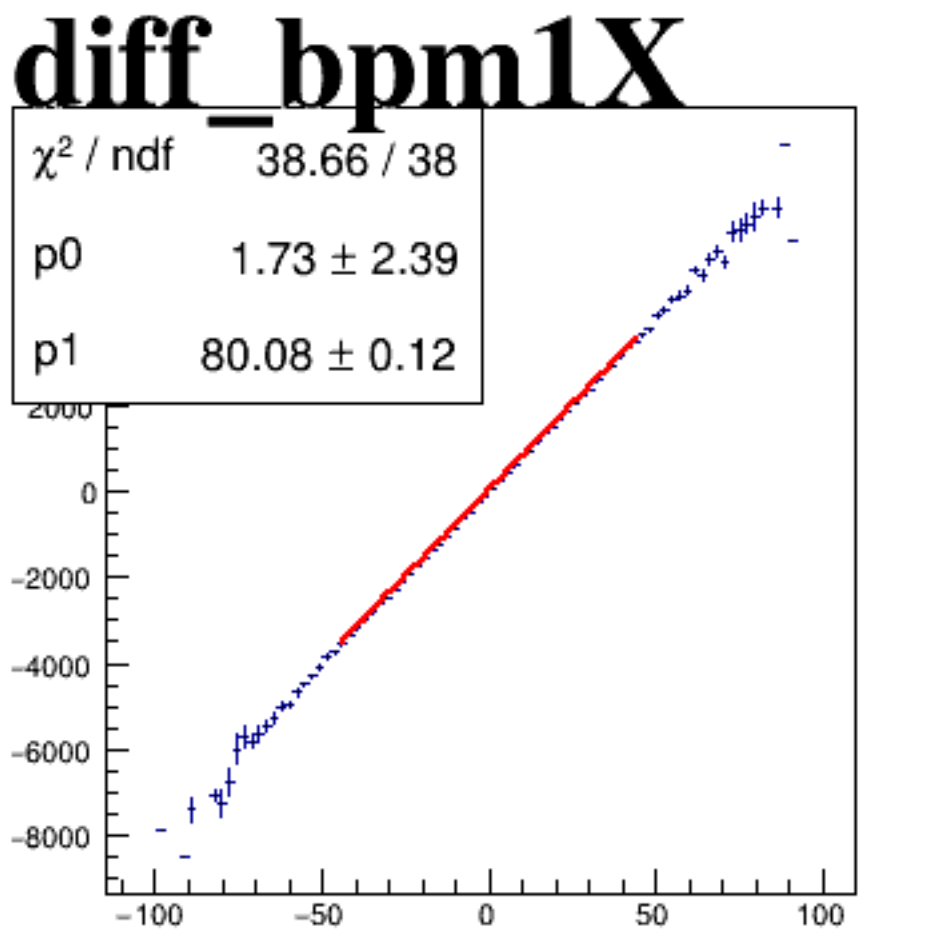
asym_sam2



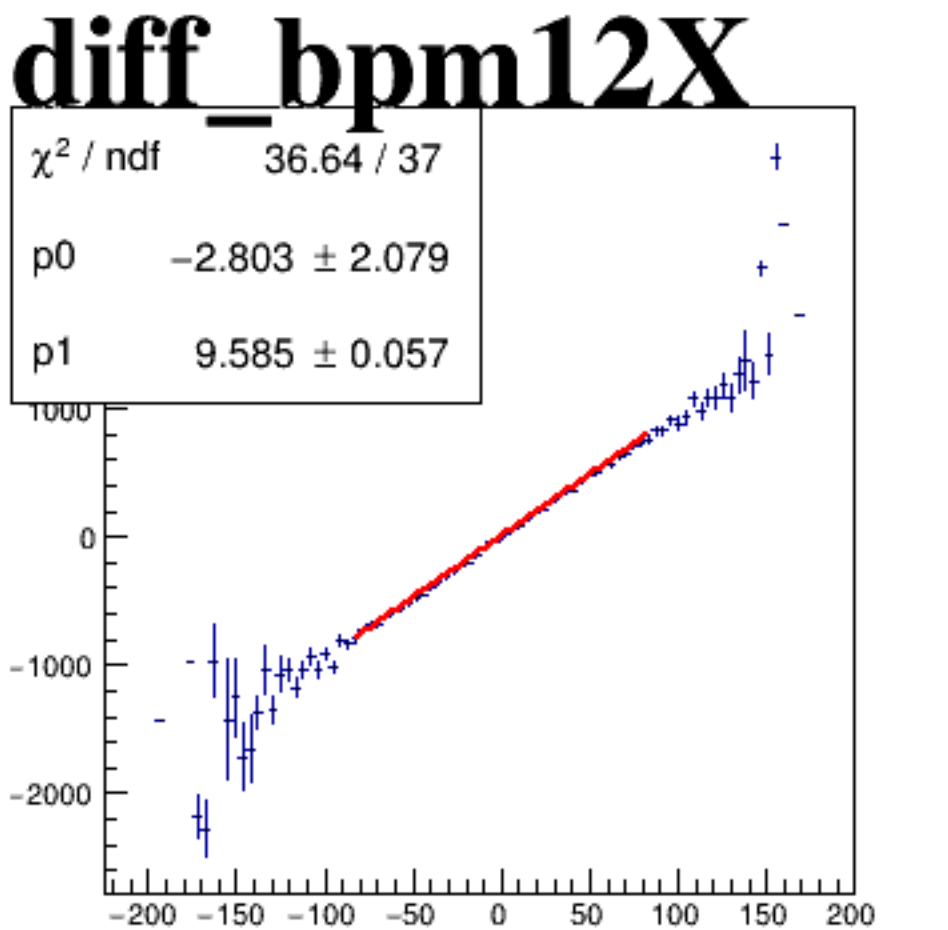
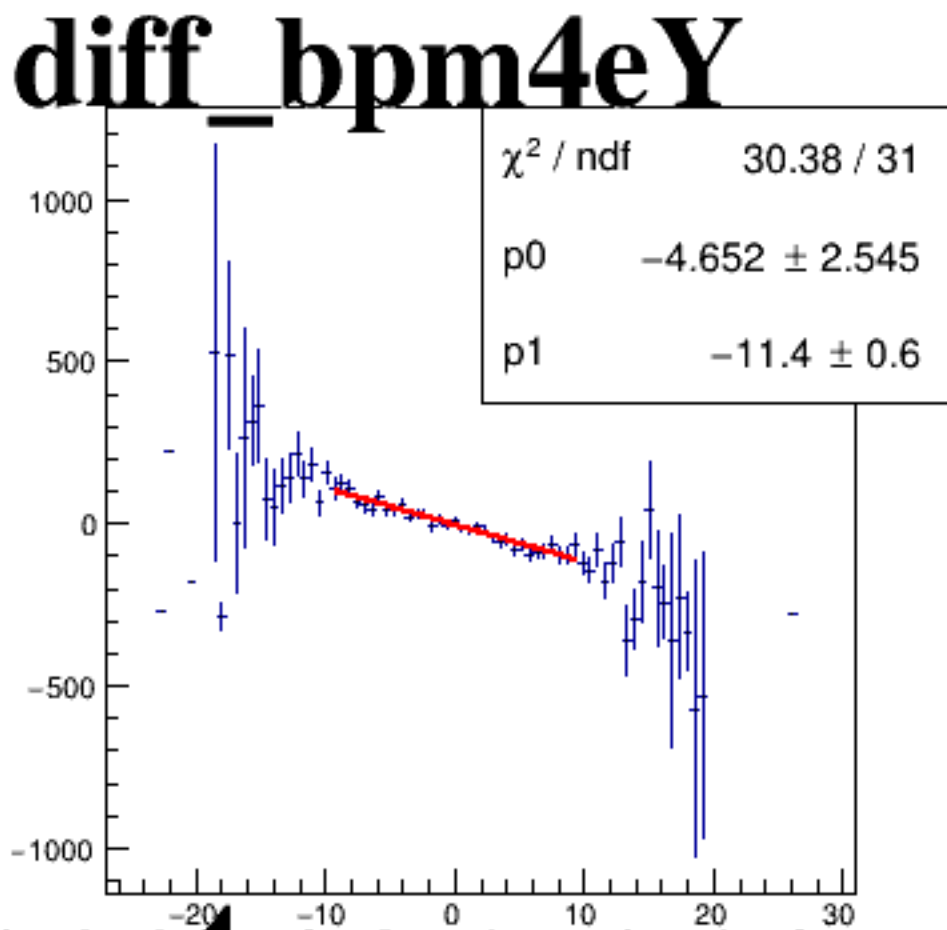
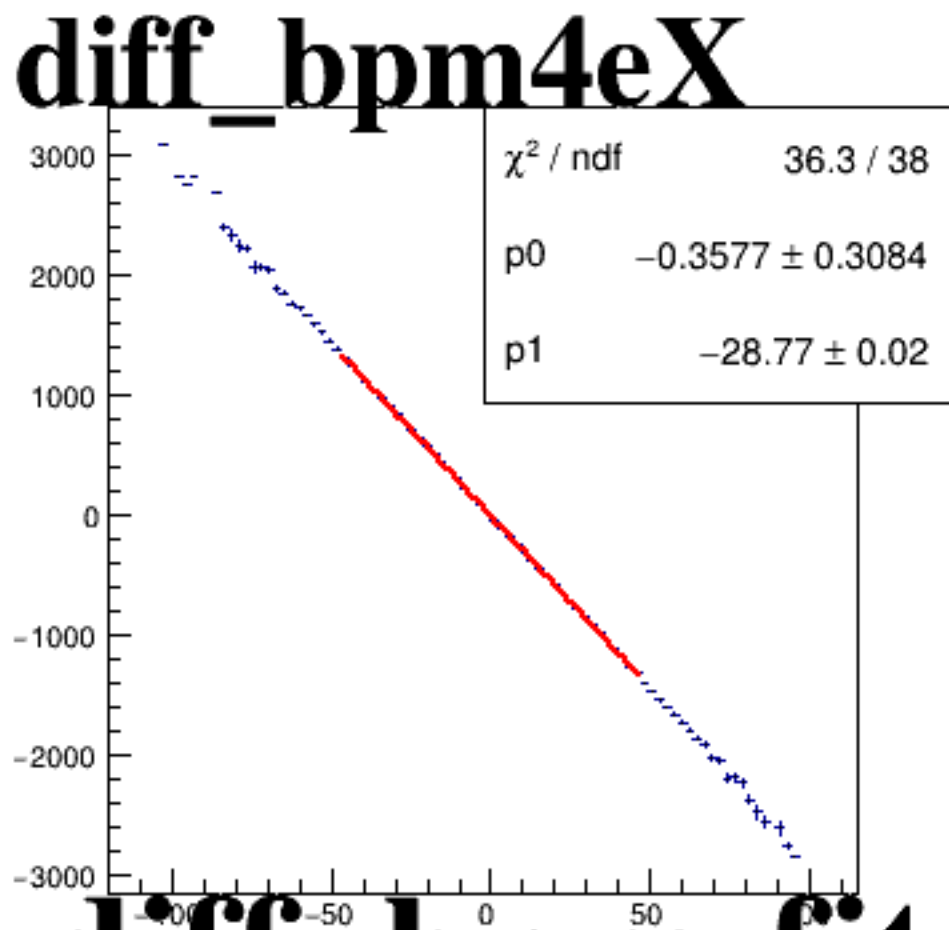
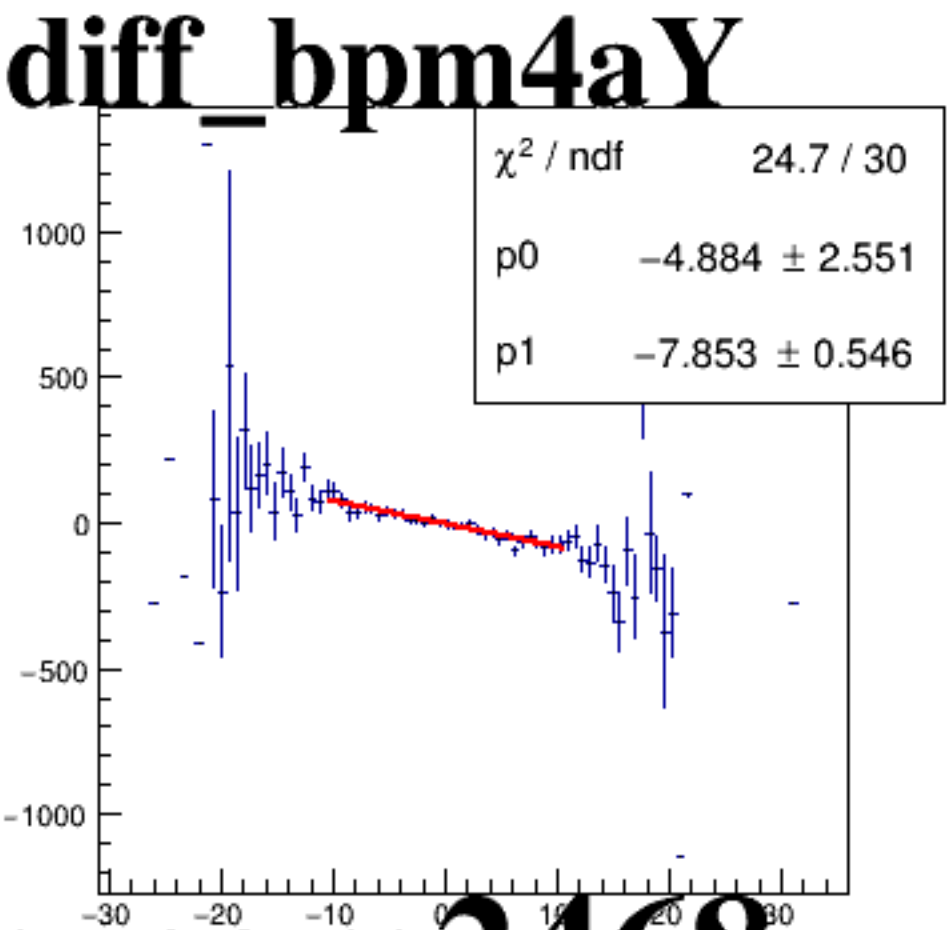
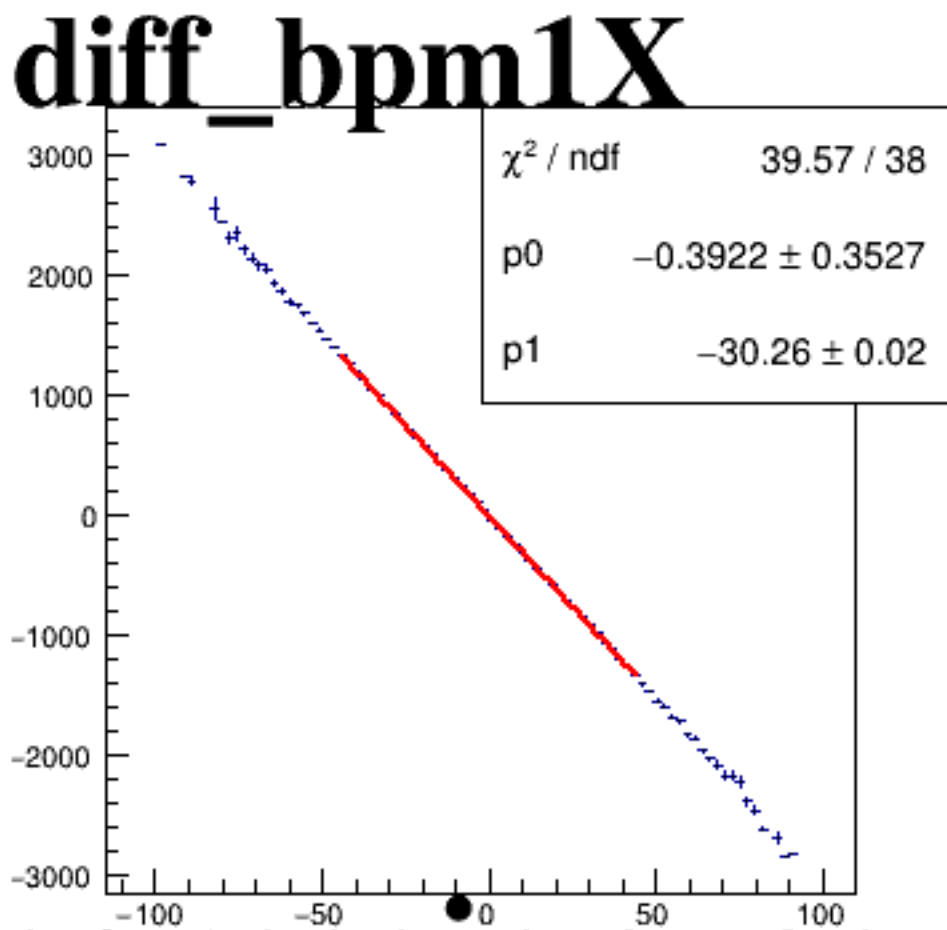
asym_sam4



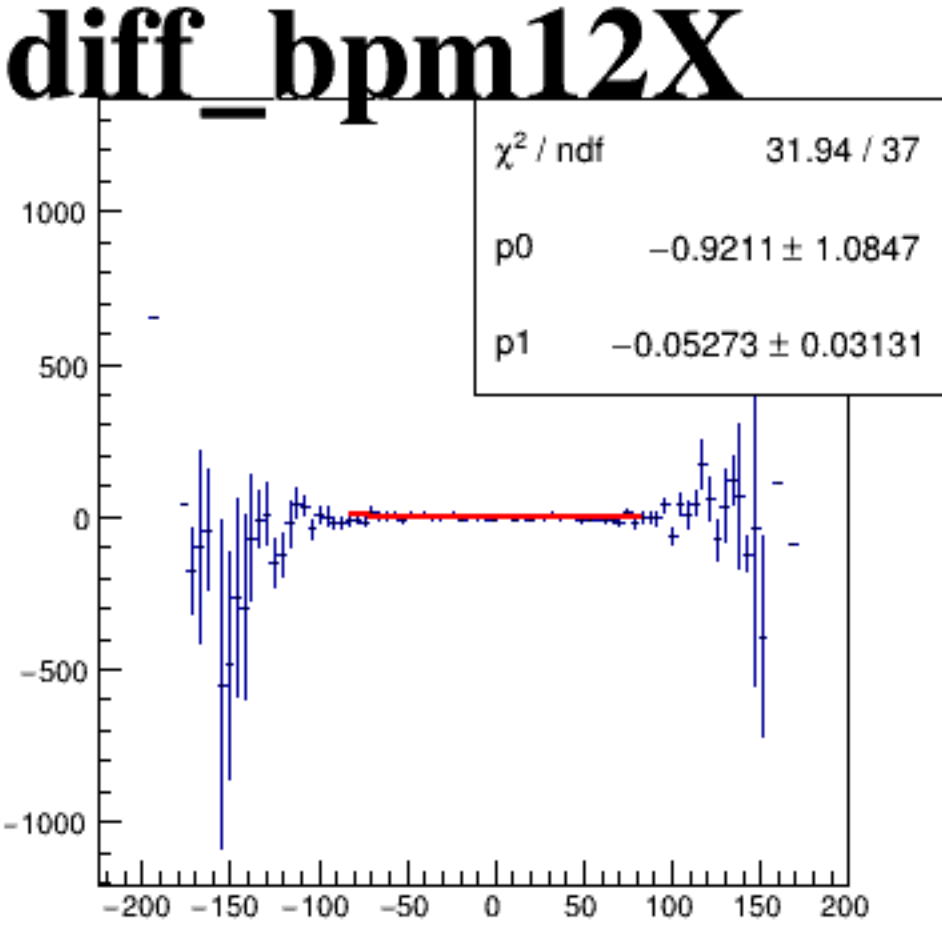
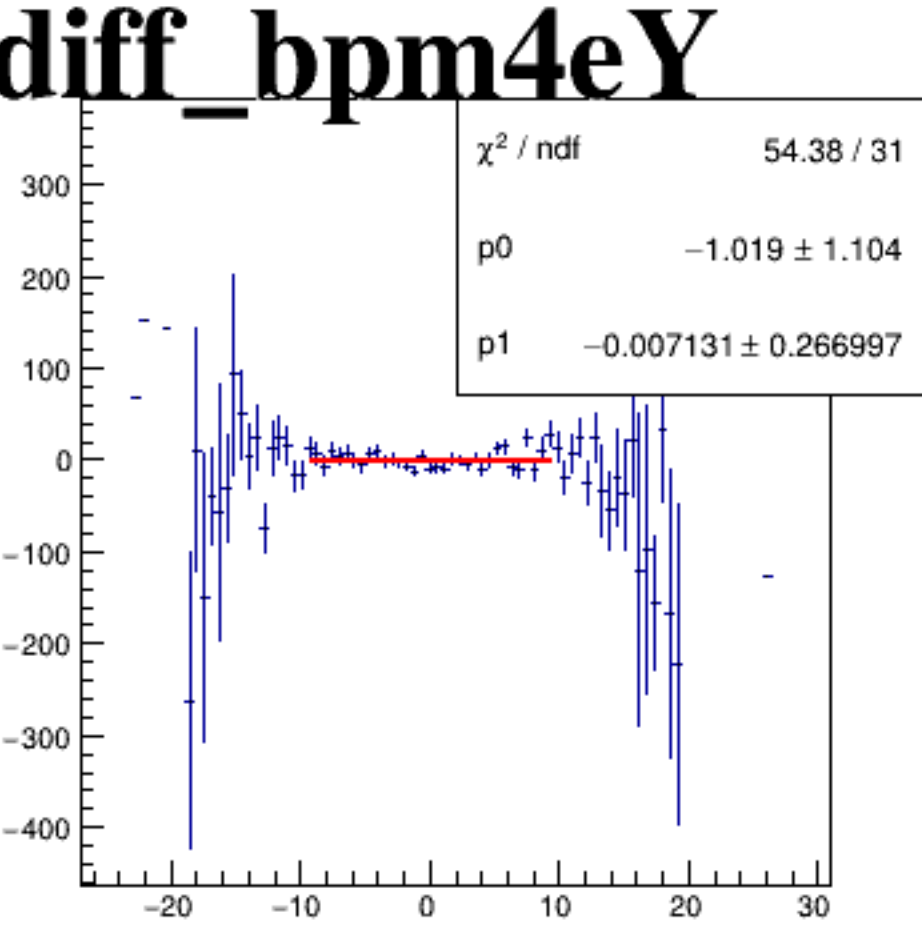
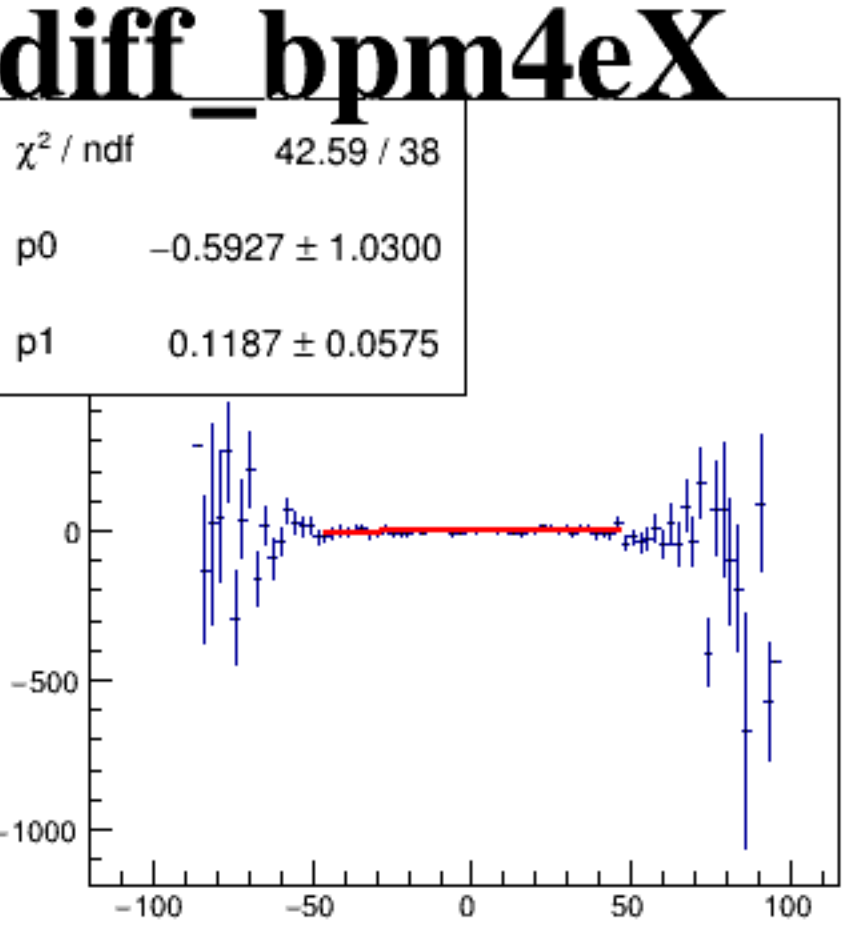
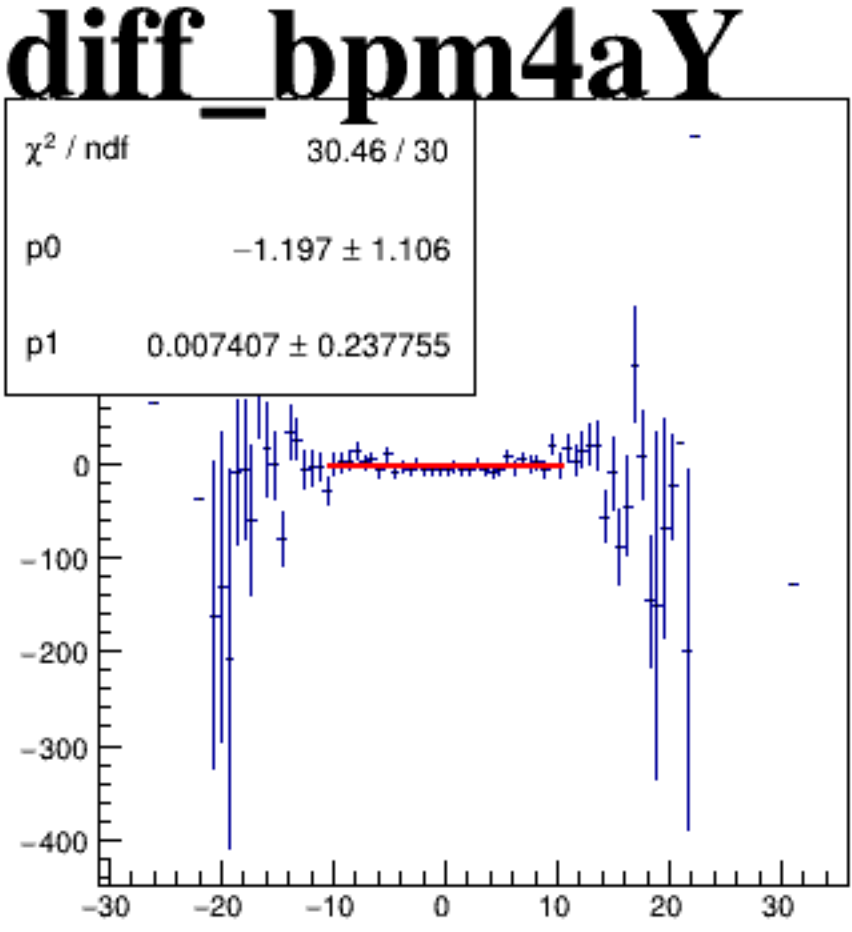
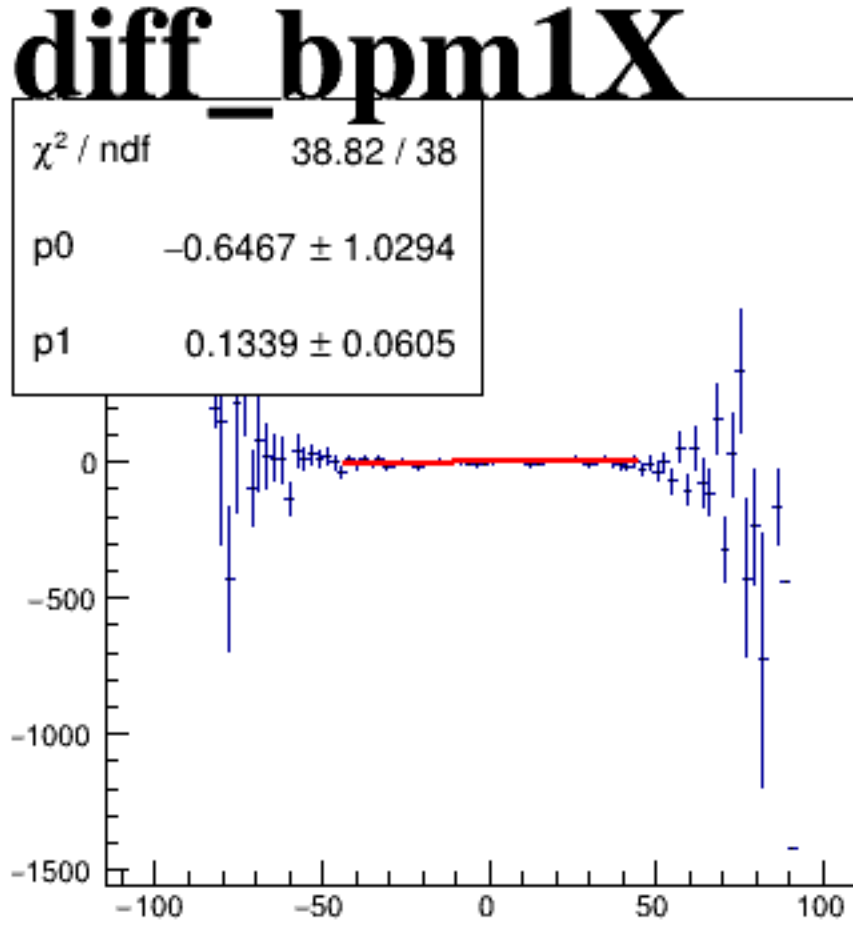
asym_sam6



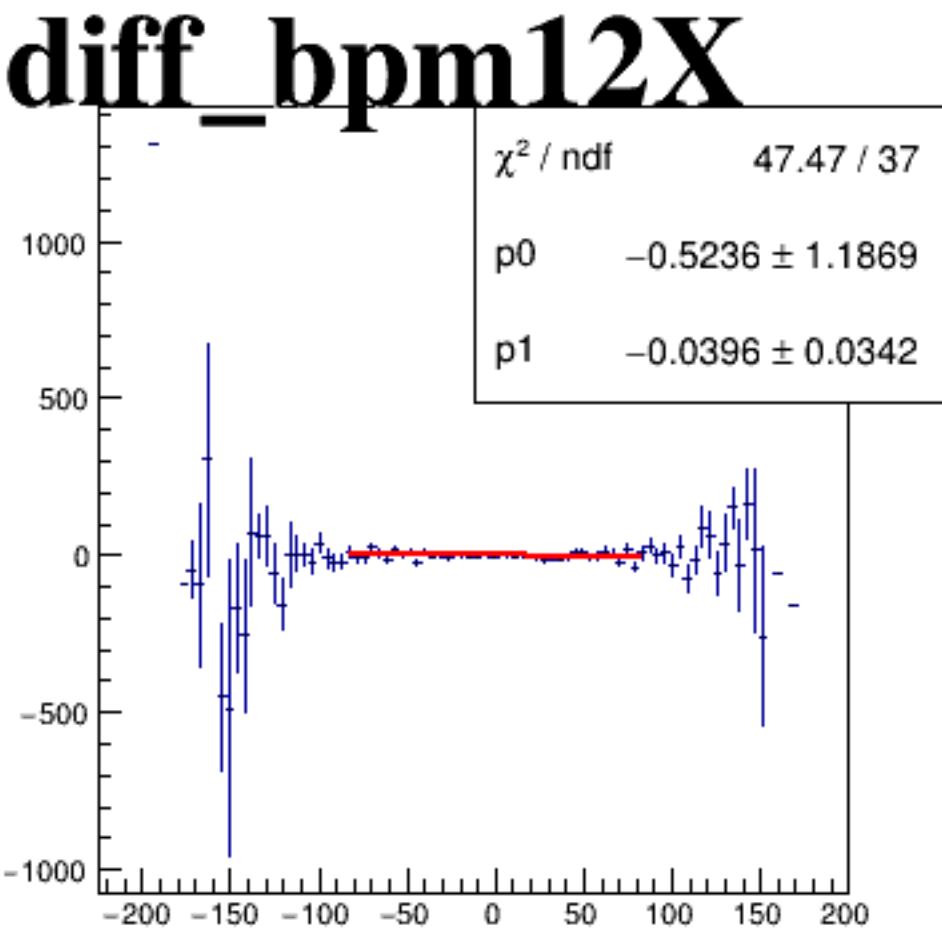
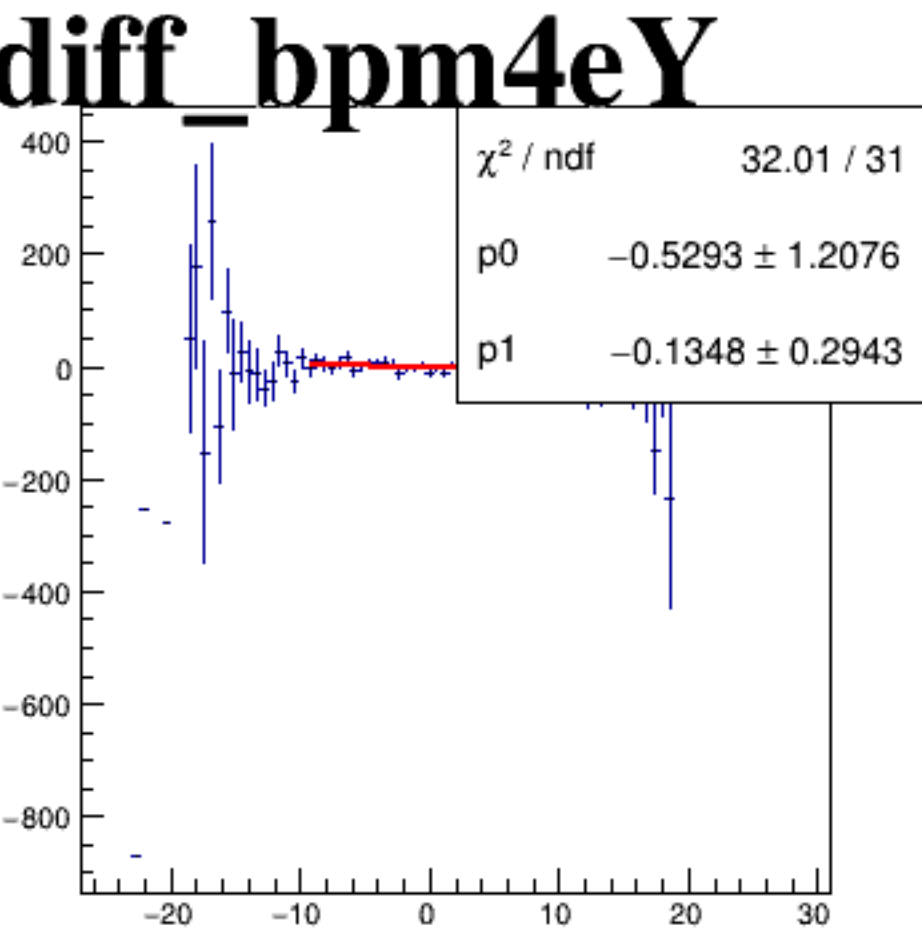
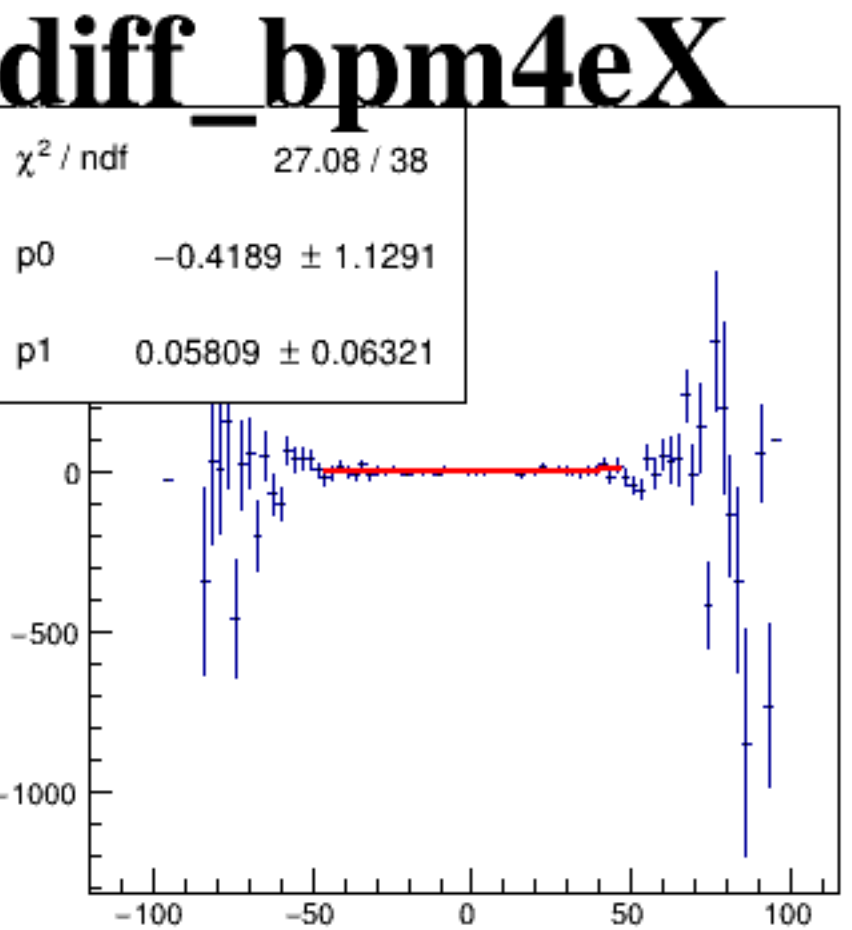
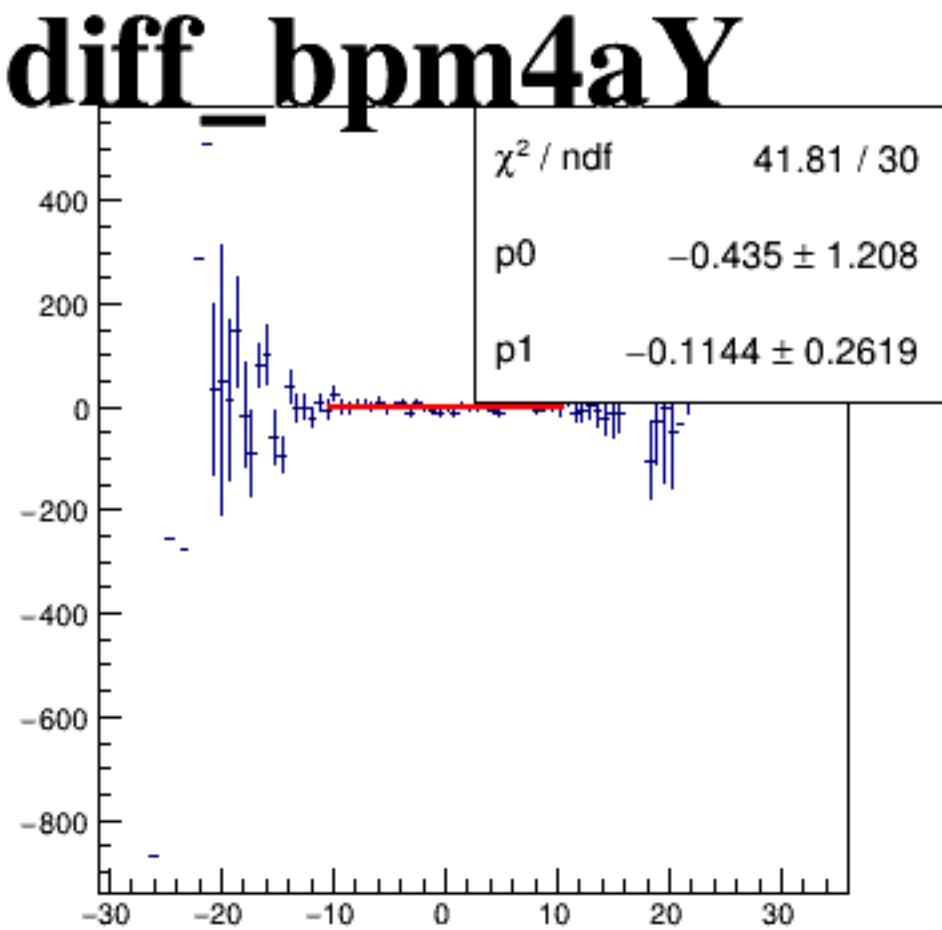
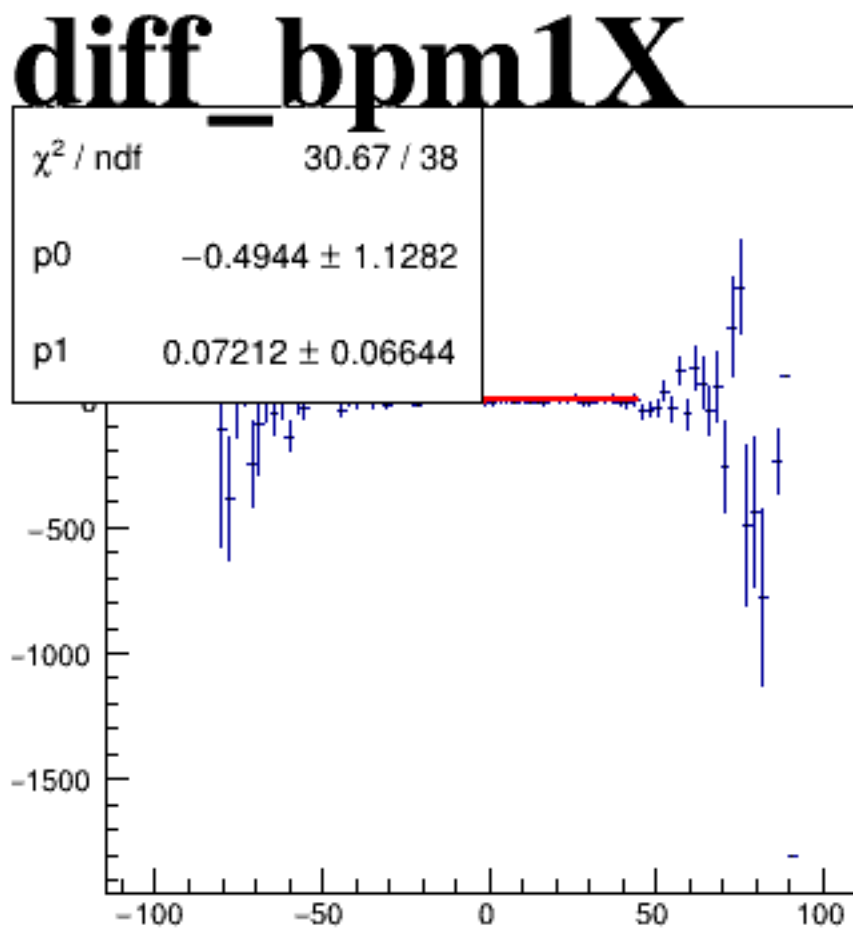
asym_sam8



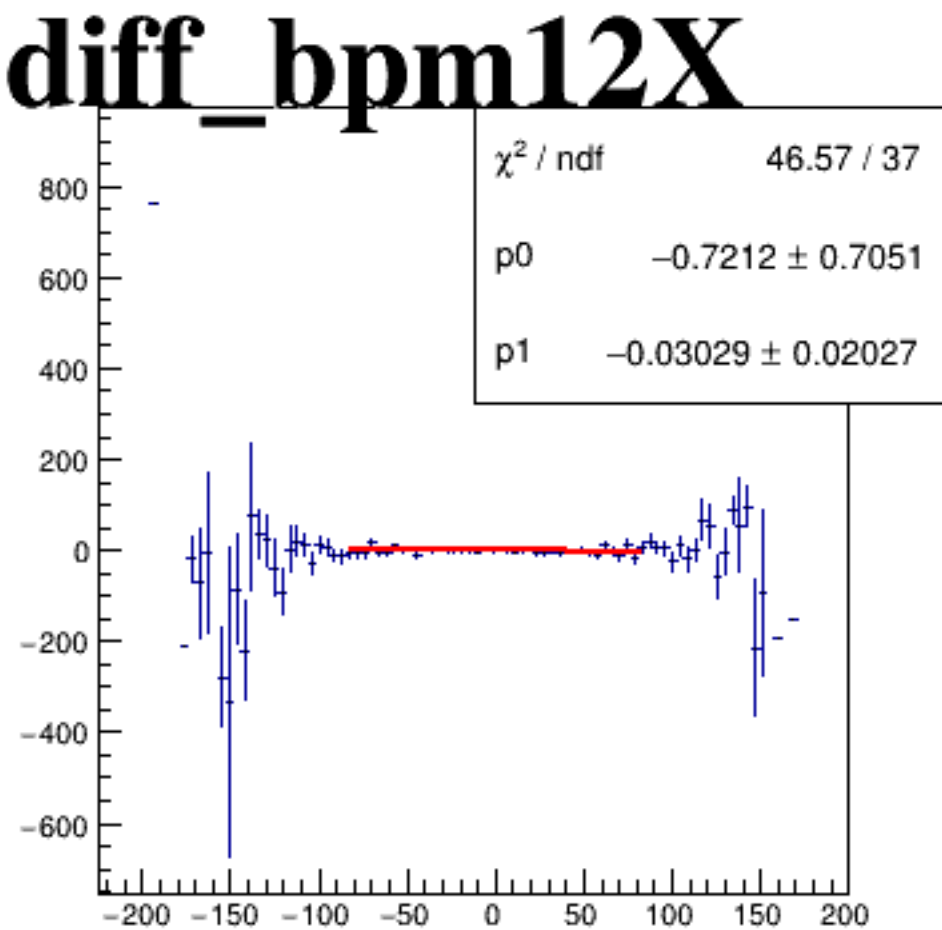
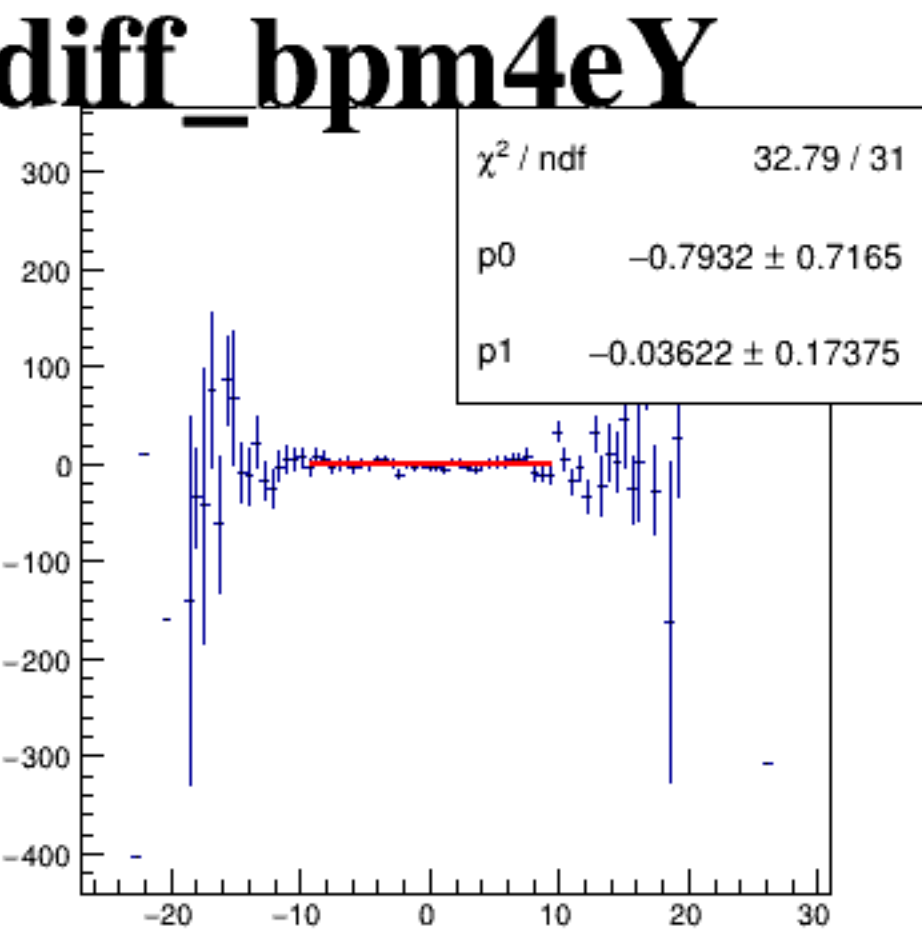
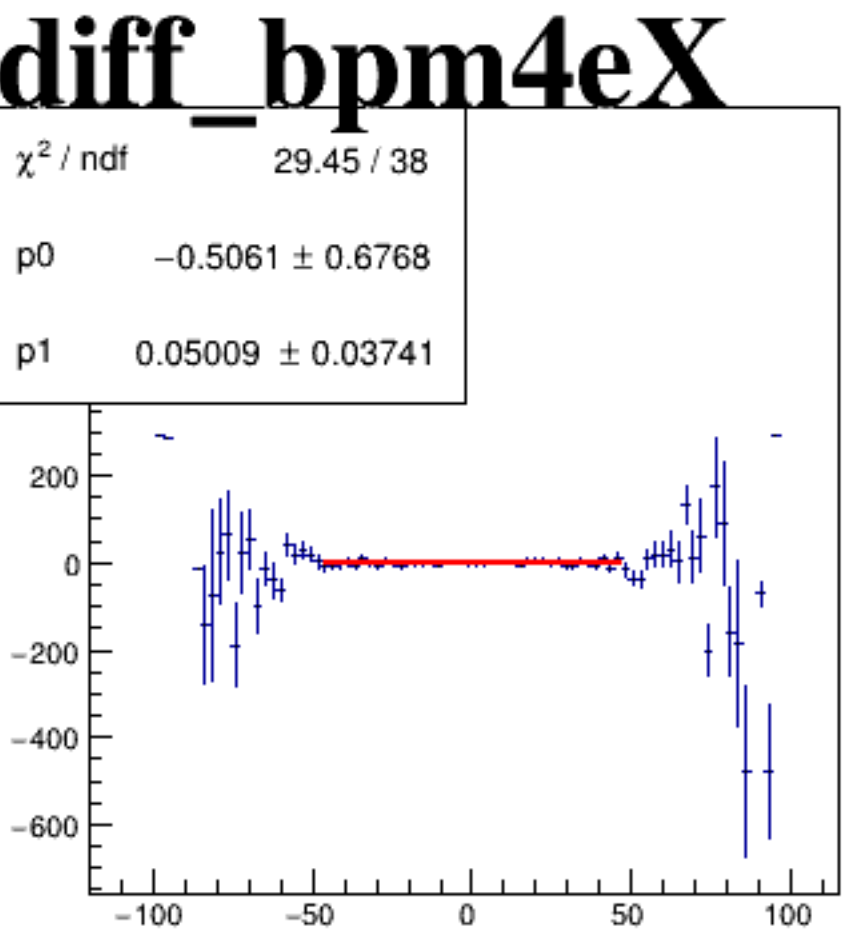
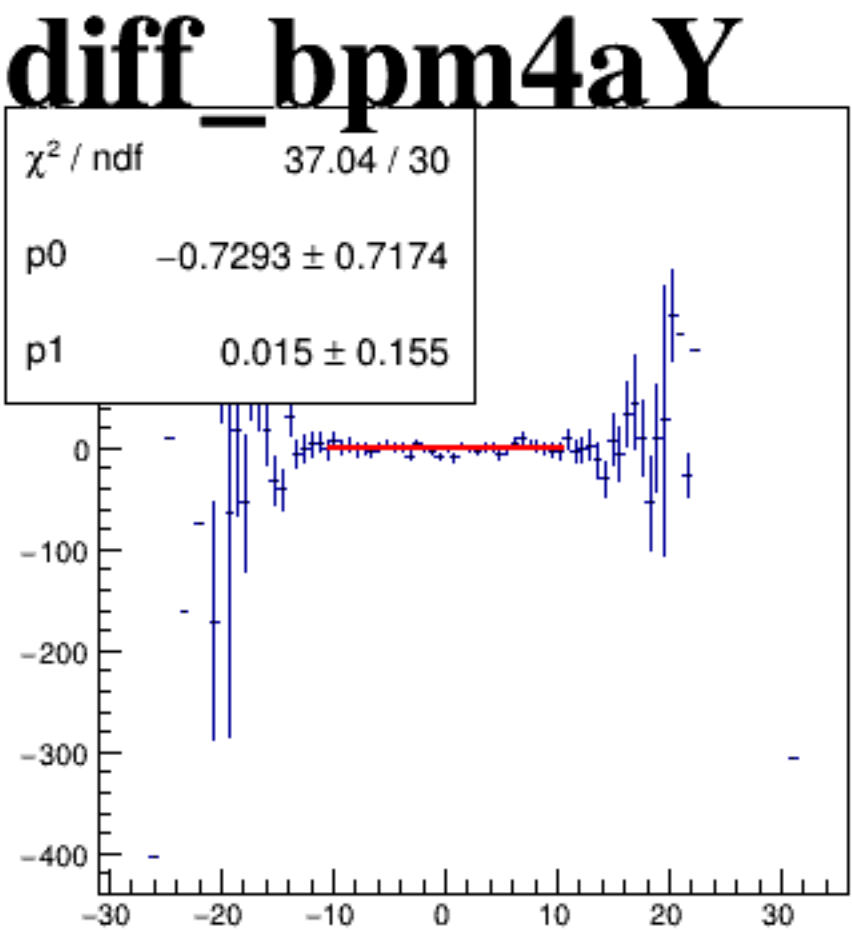
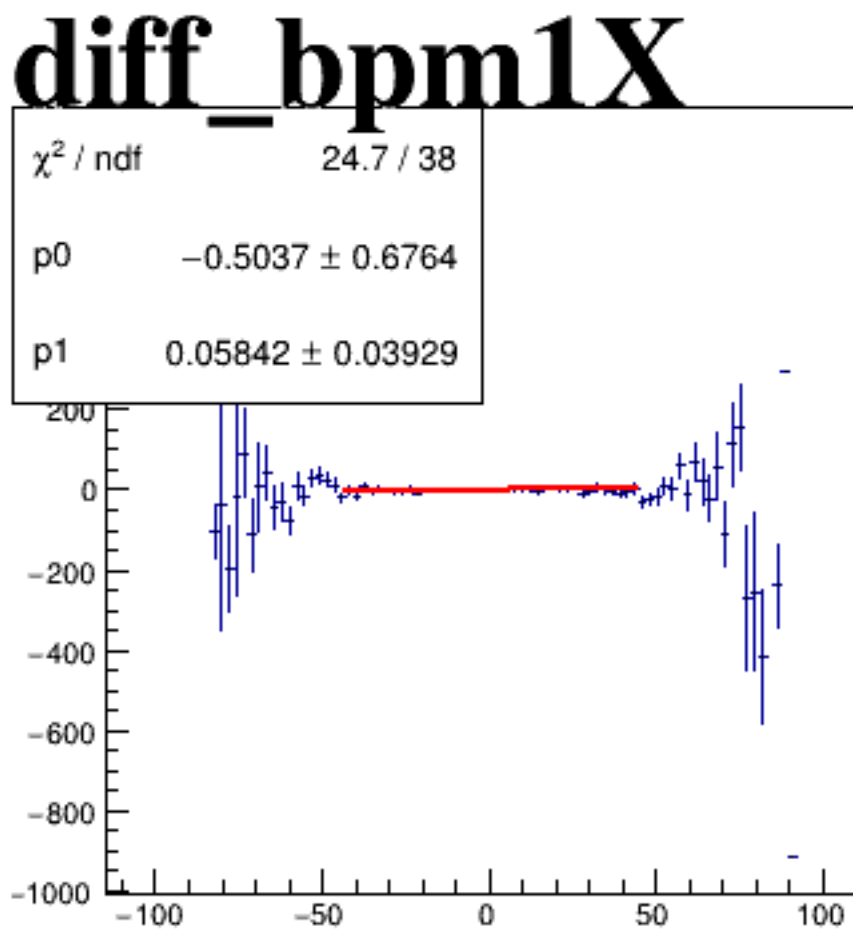
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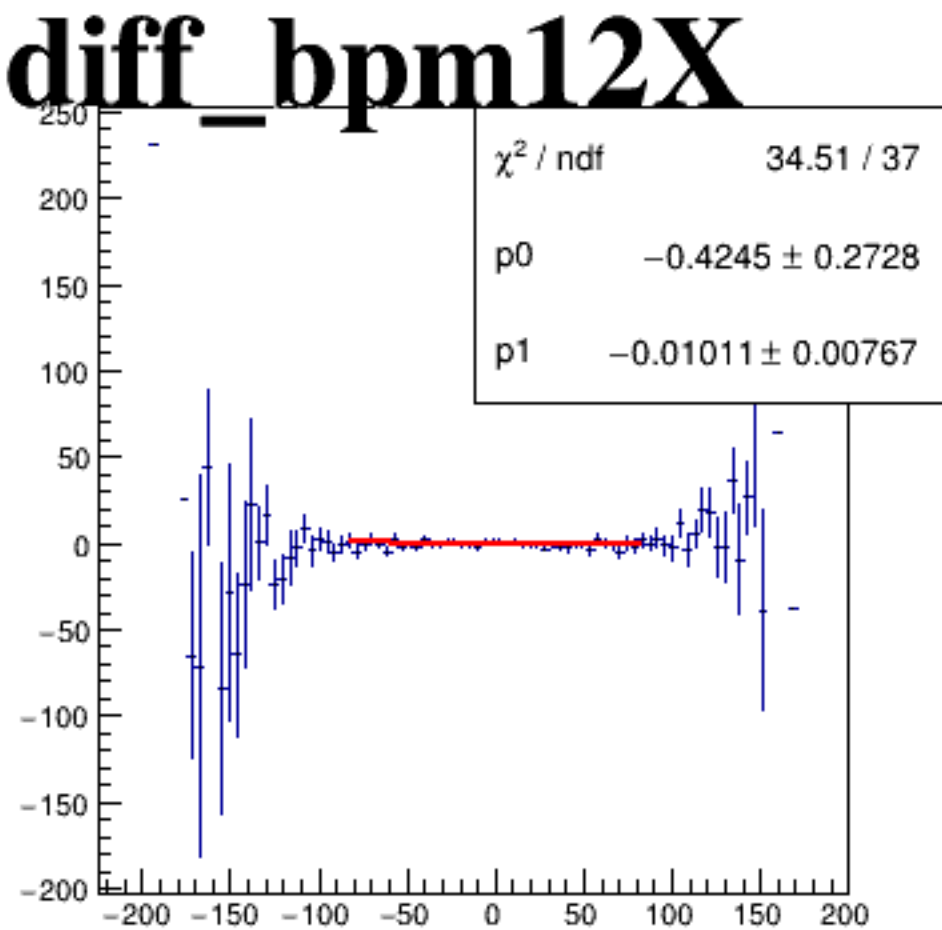
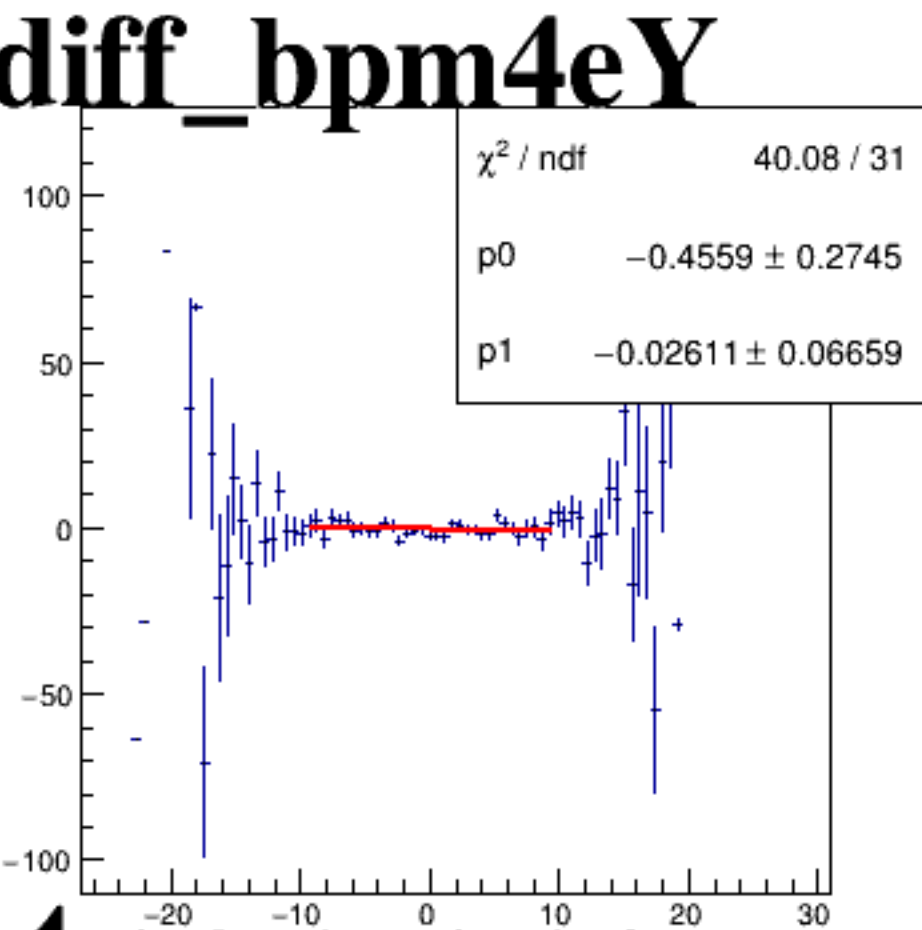
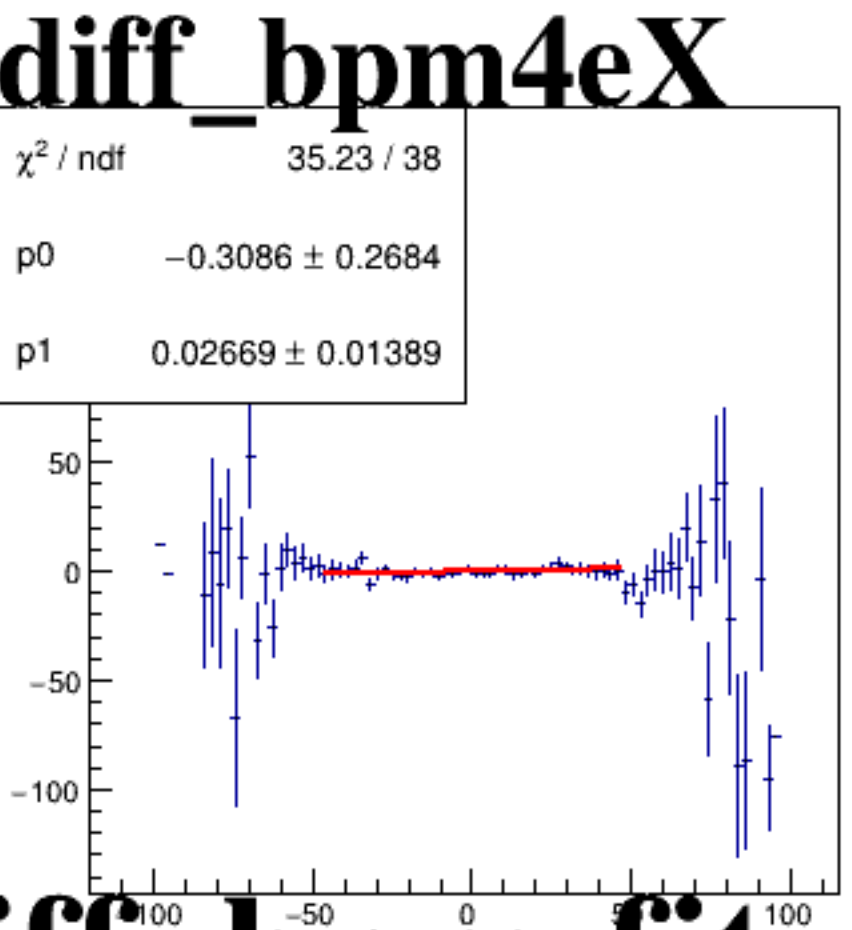
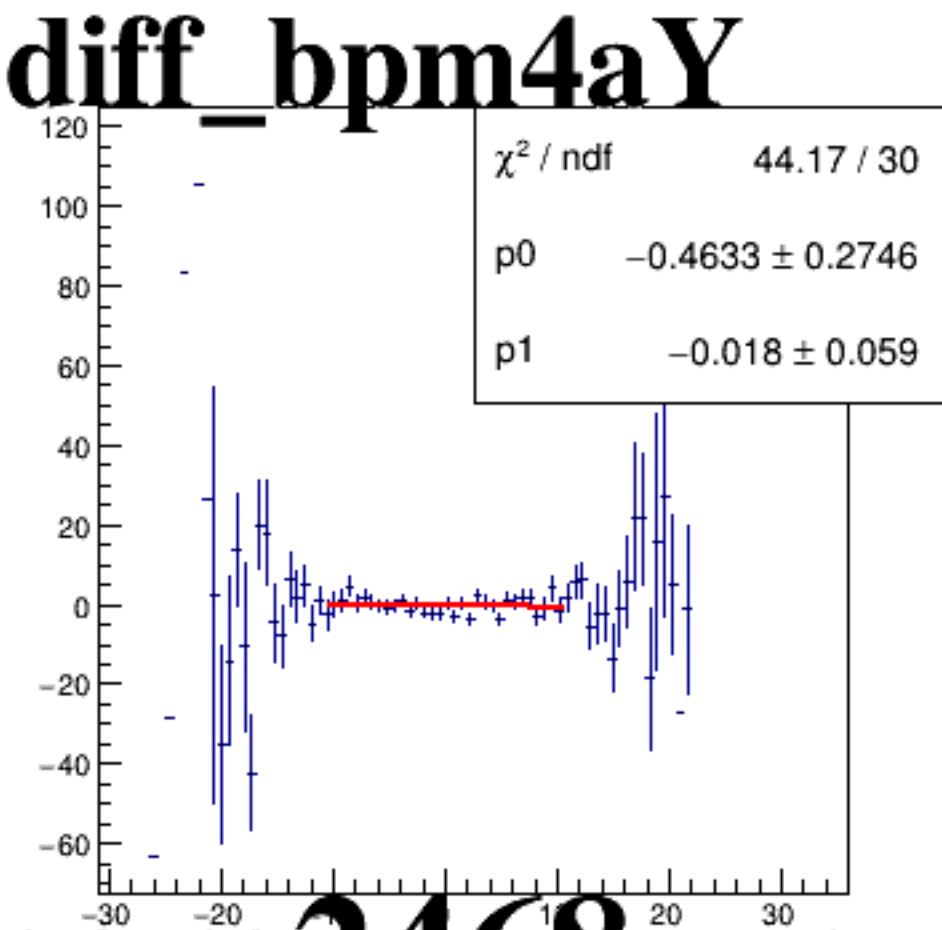
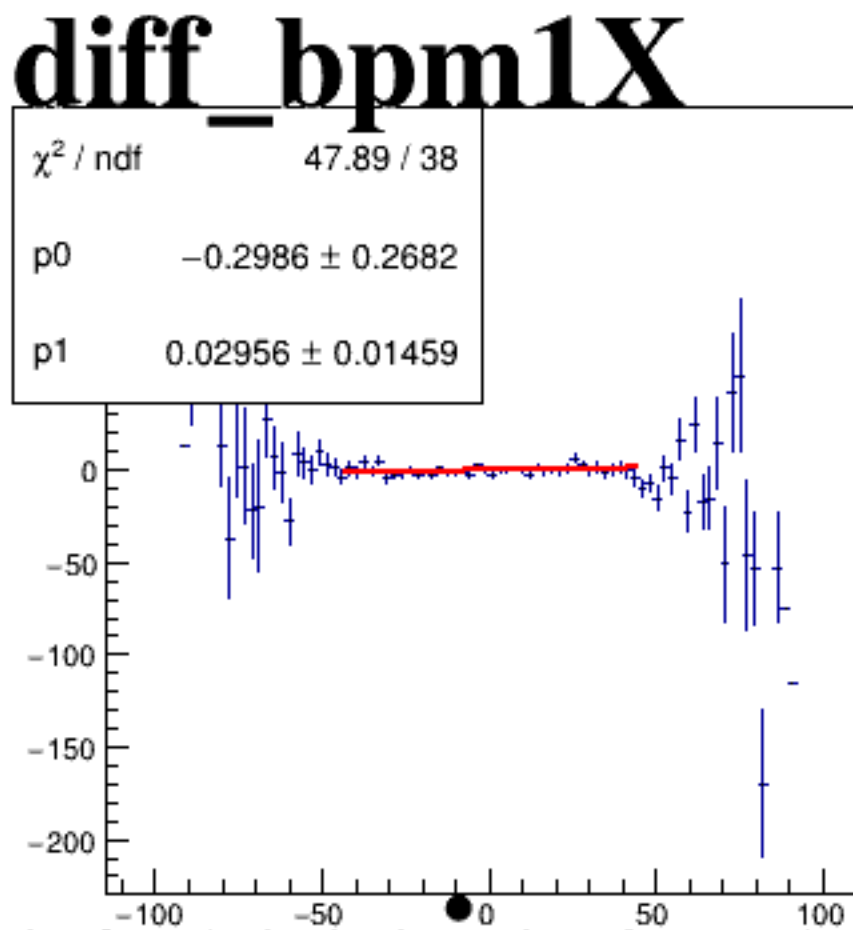
reg_asym_sam4



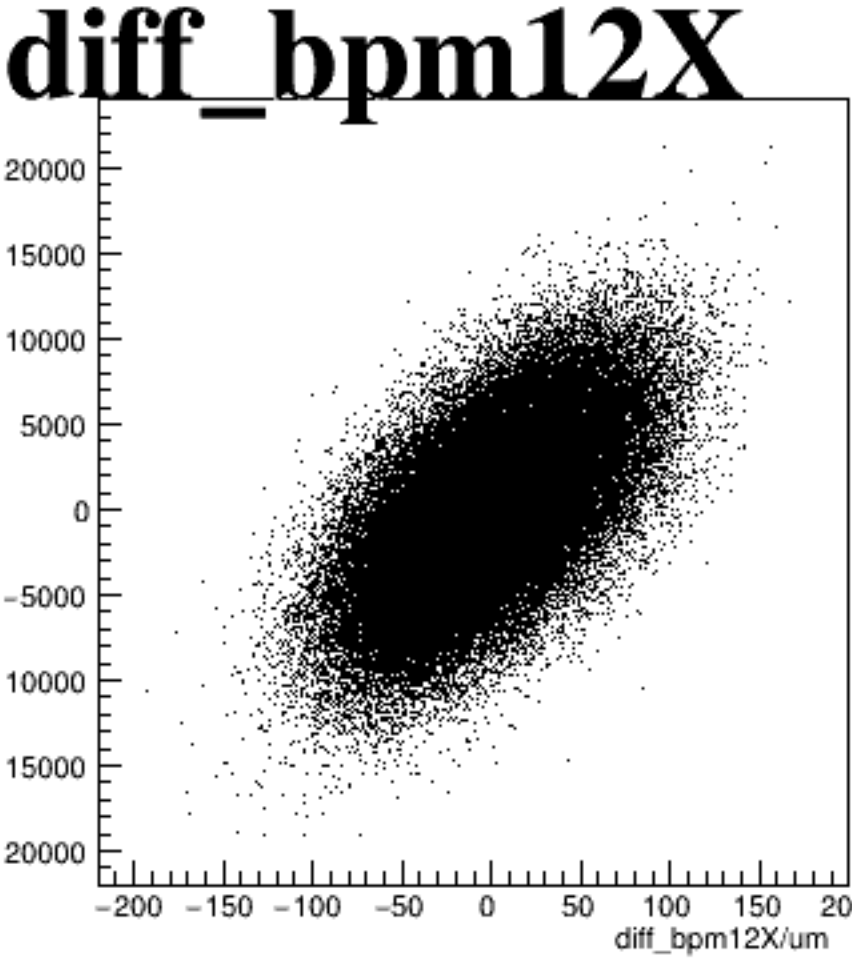
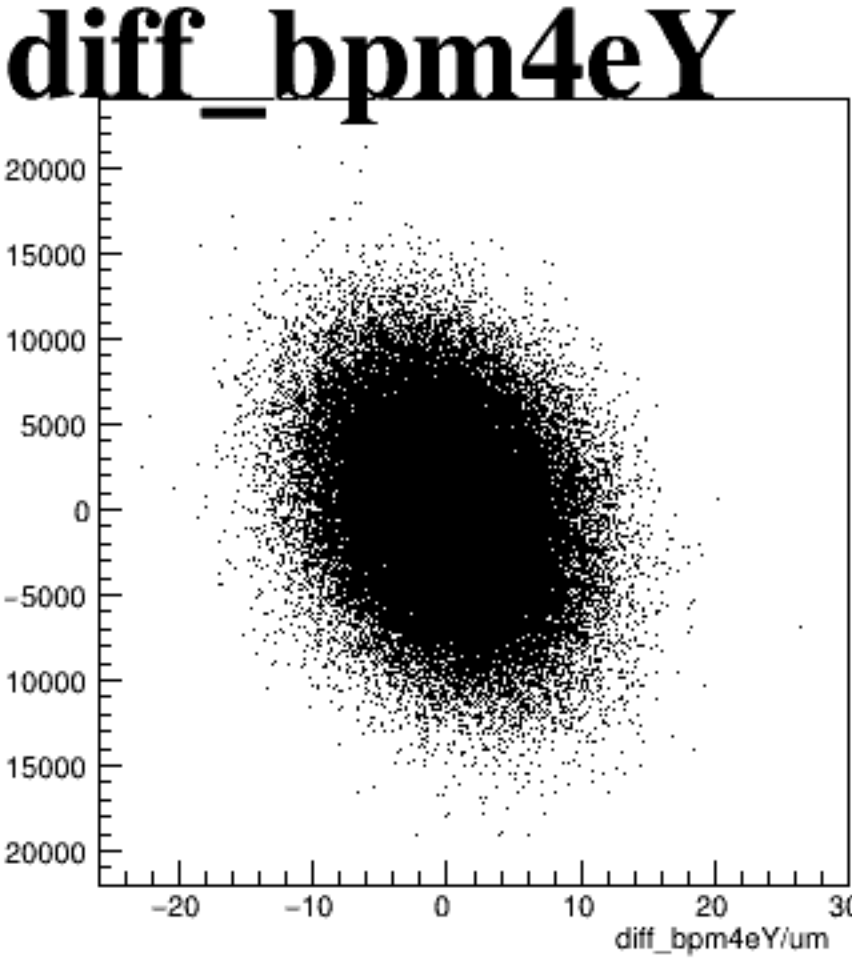
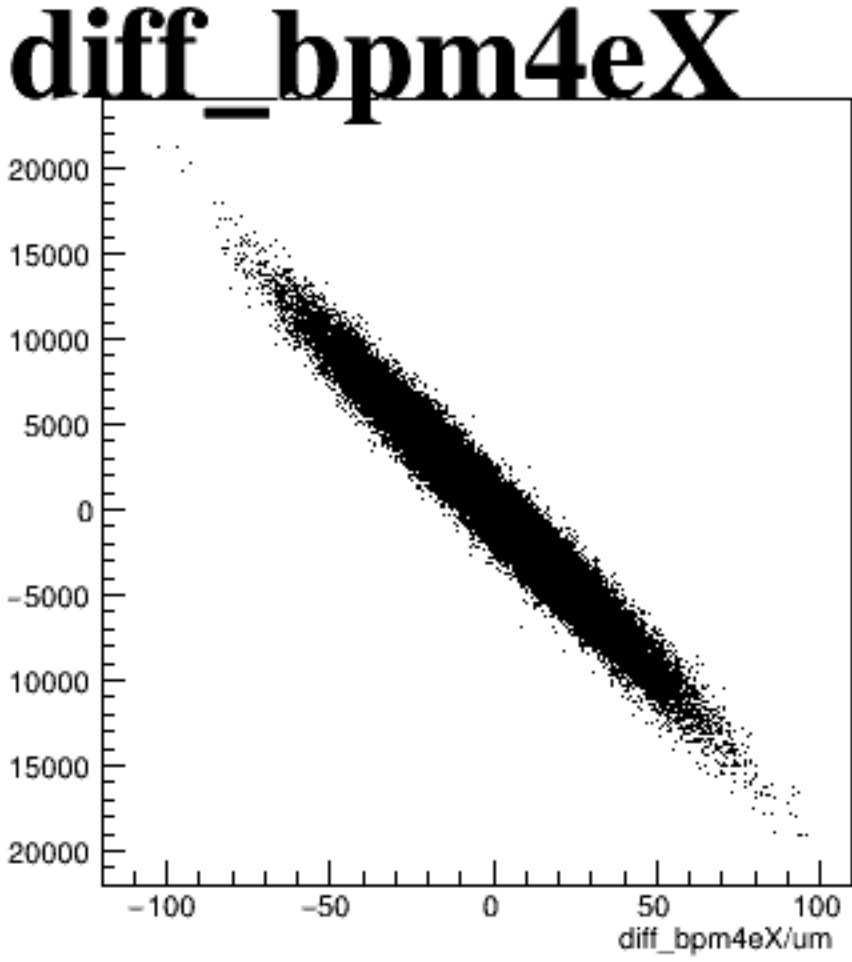
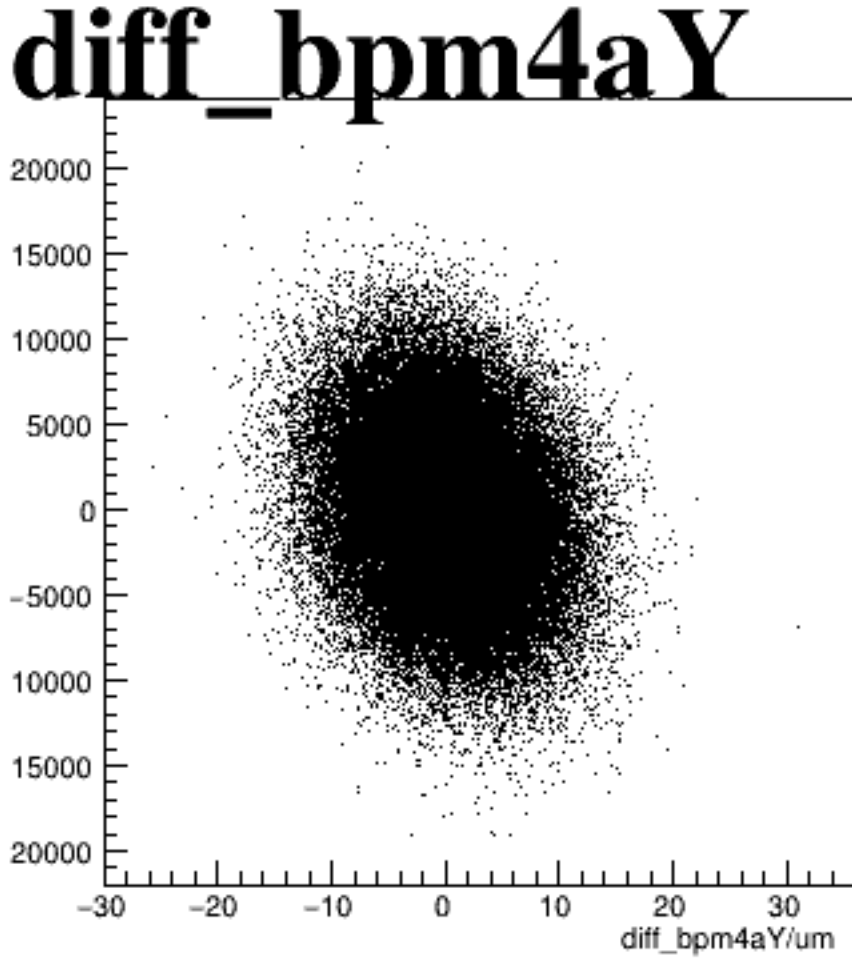
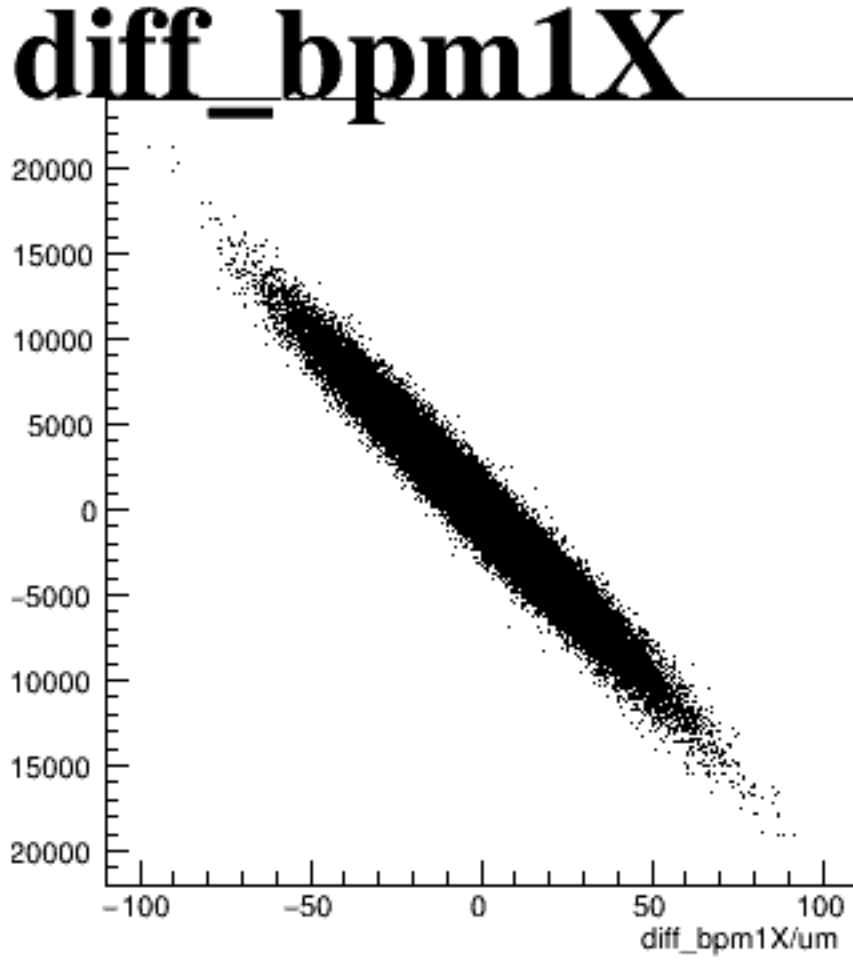
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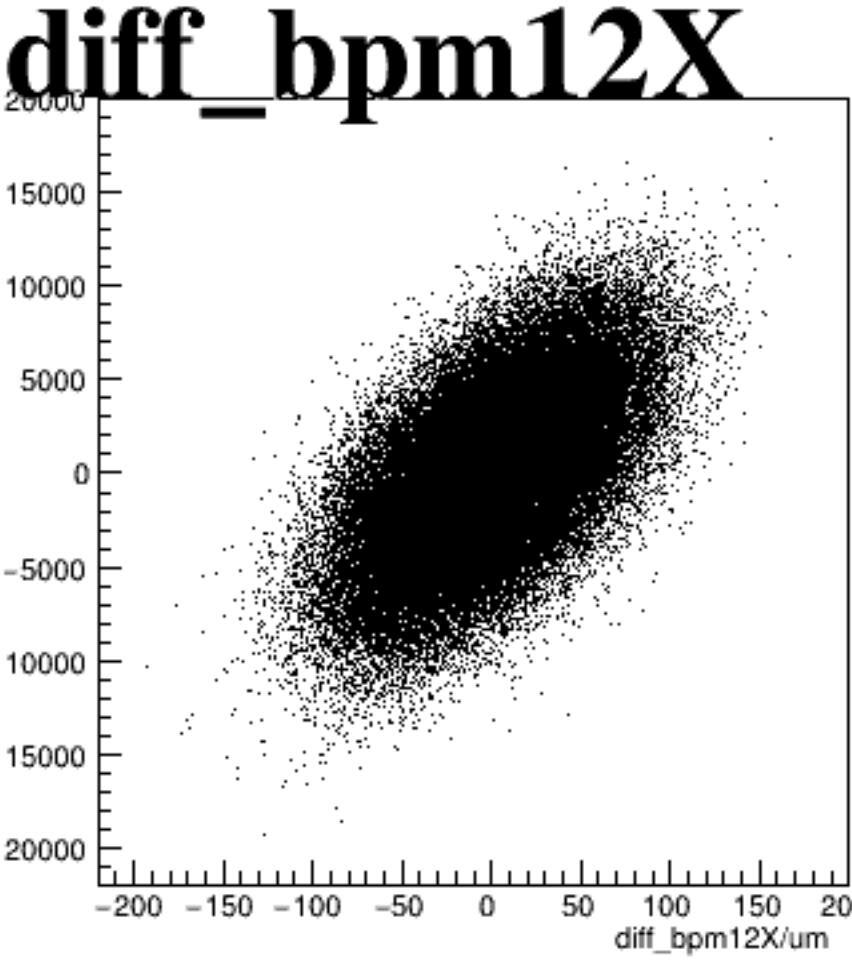
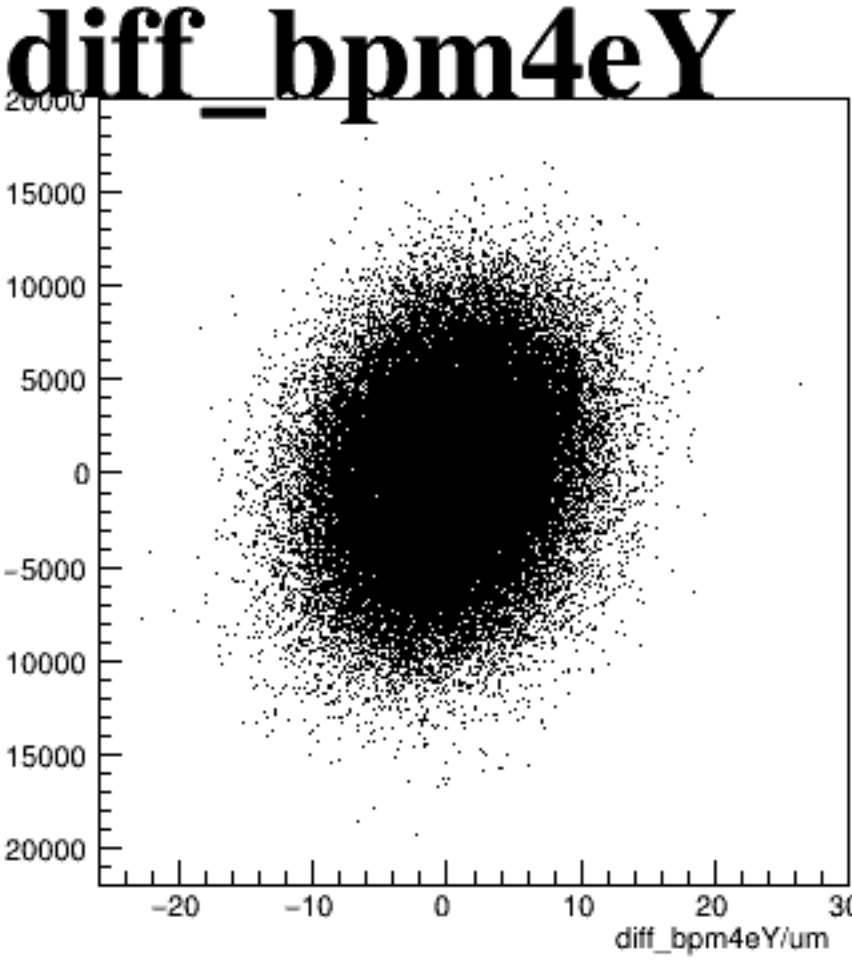
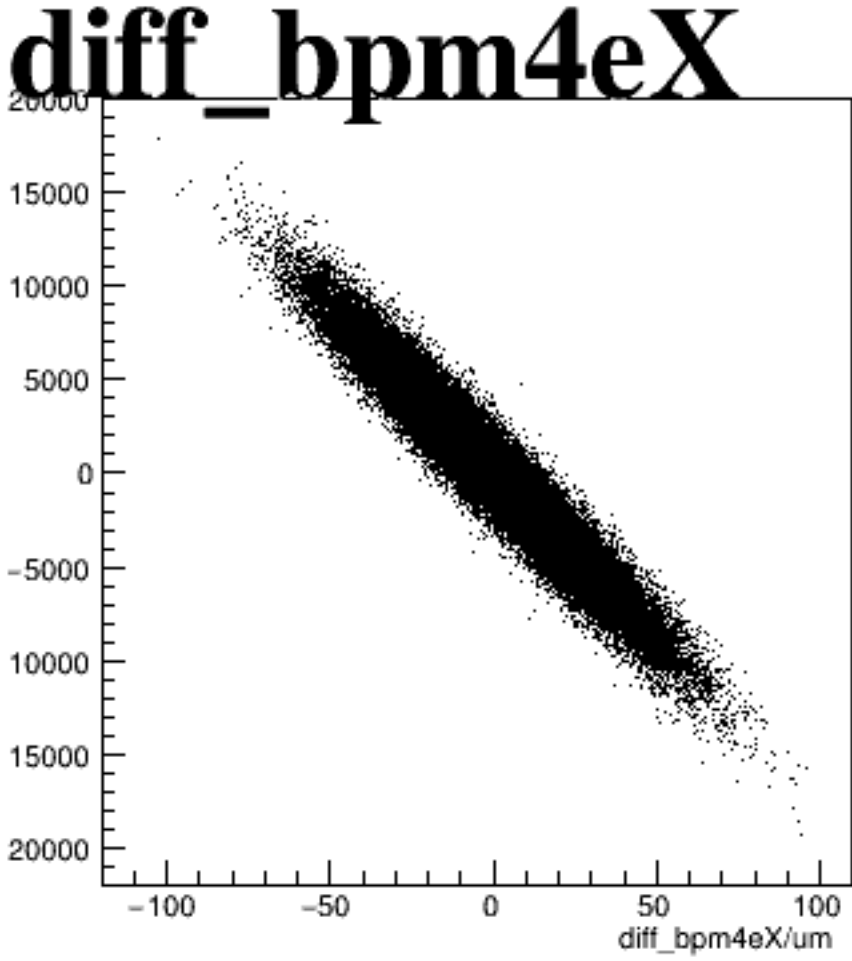
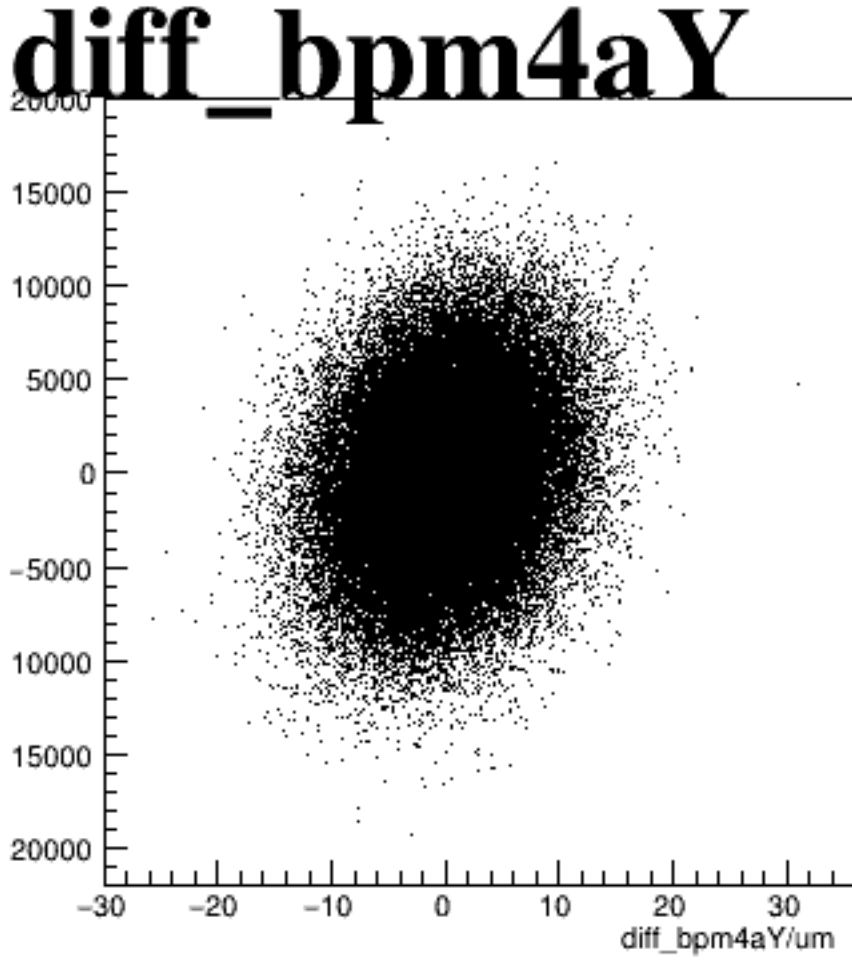
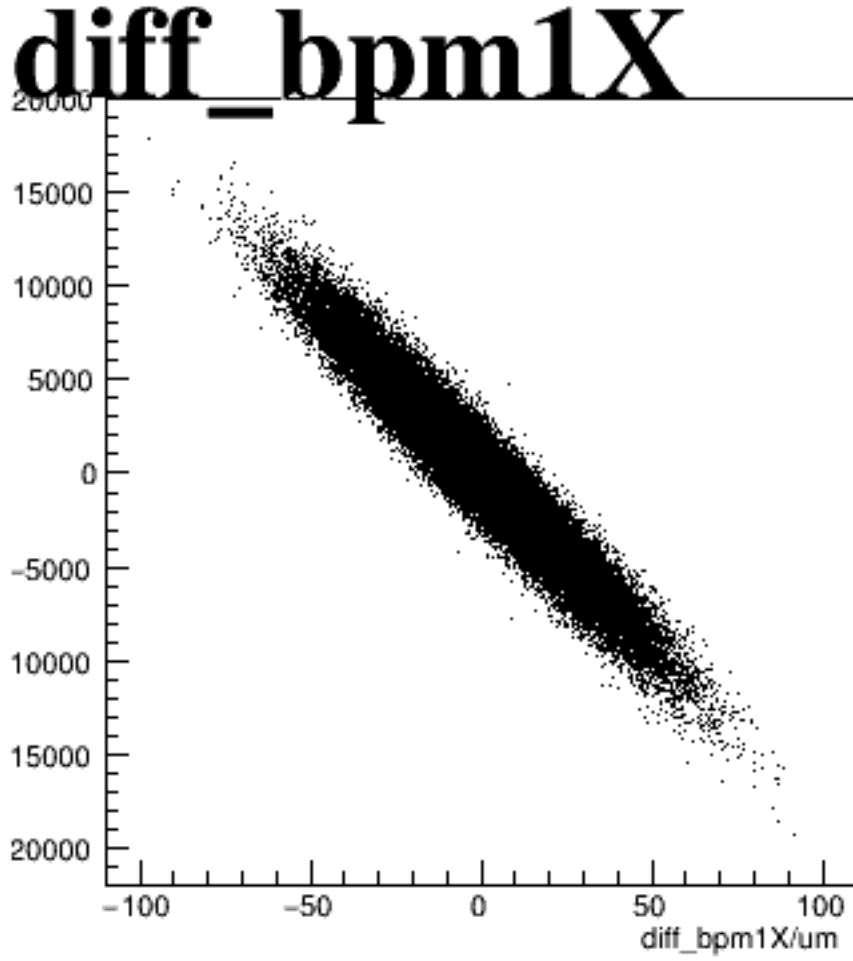
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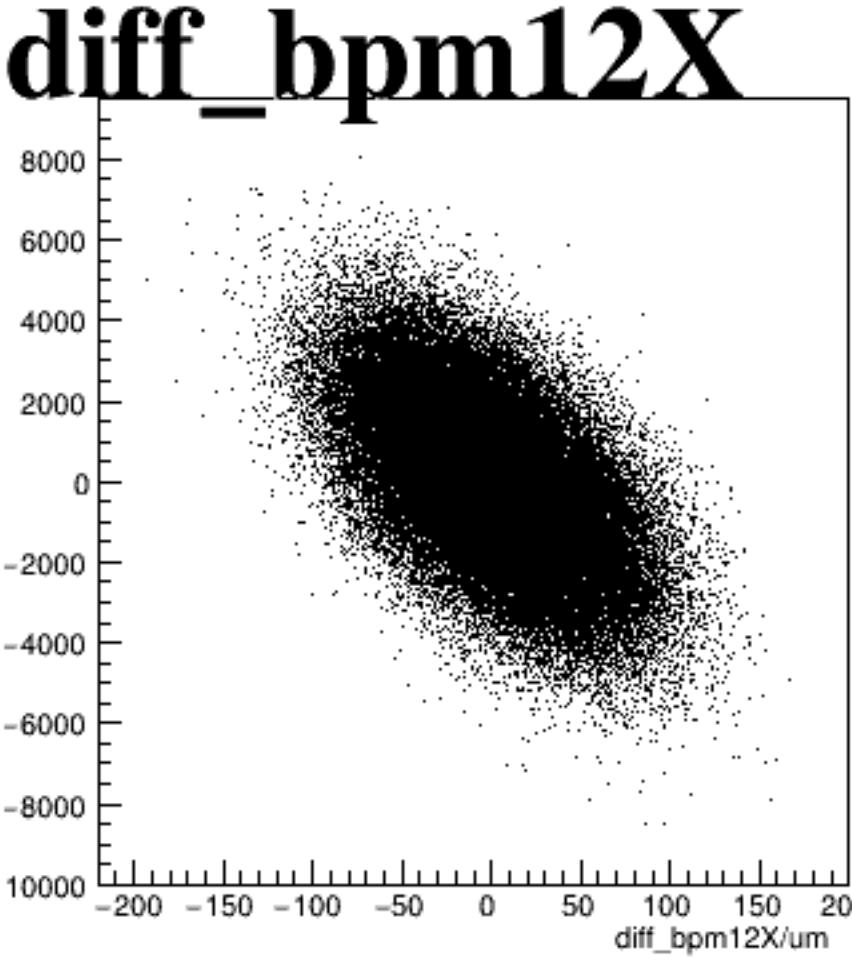
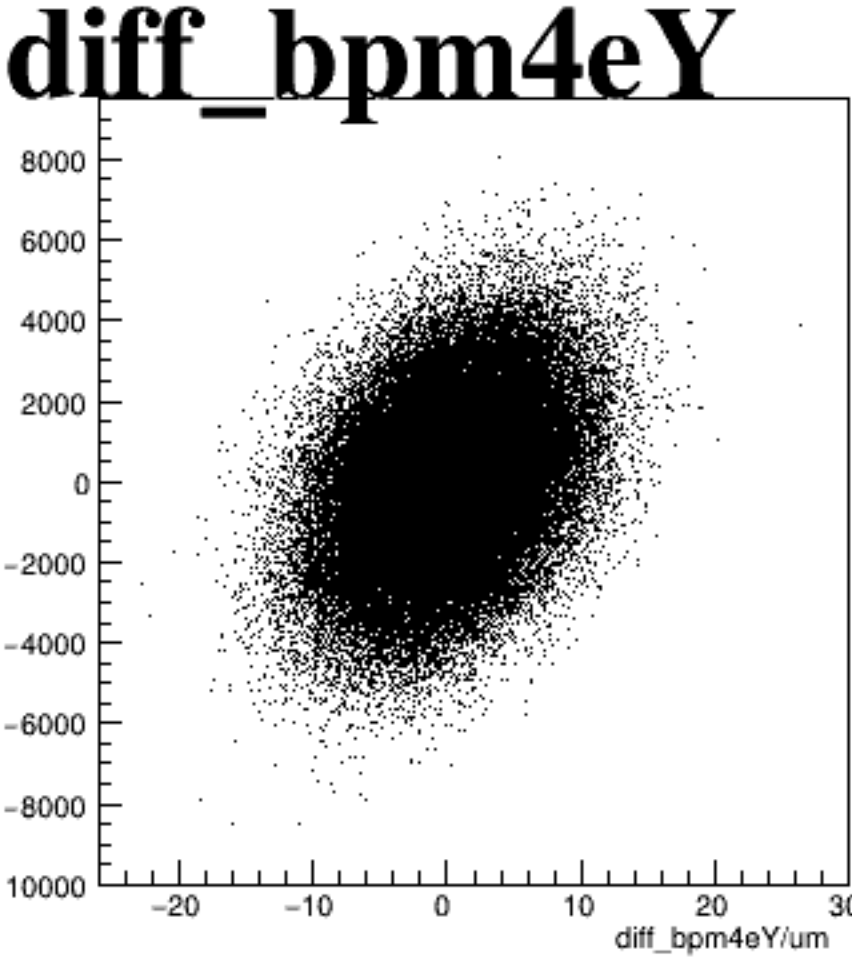
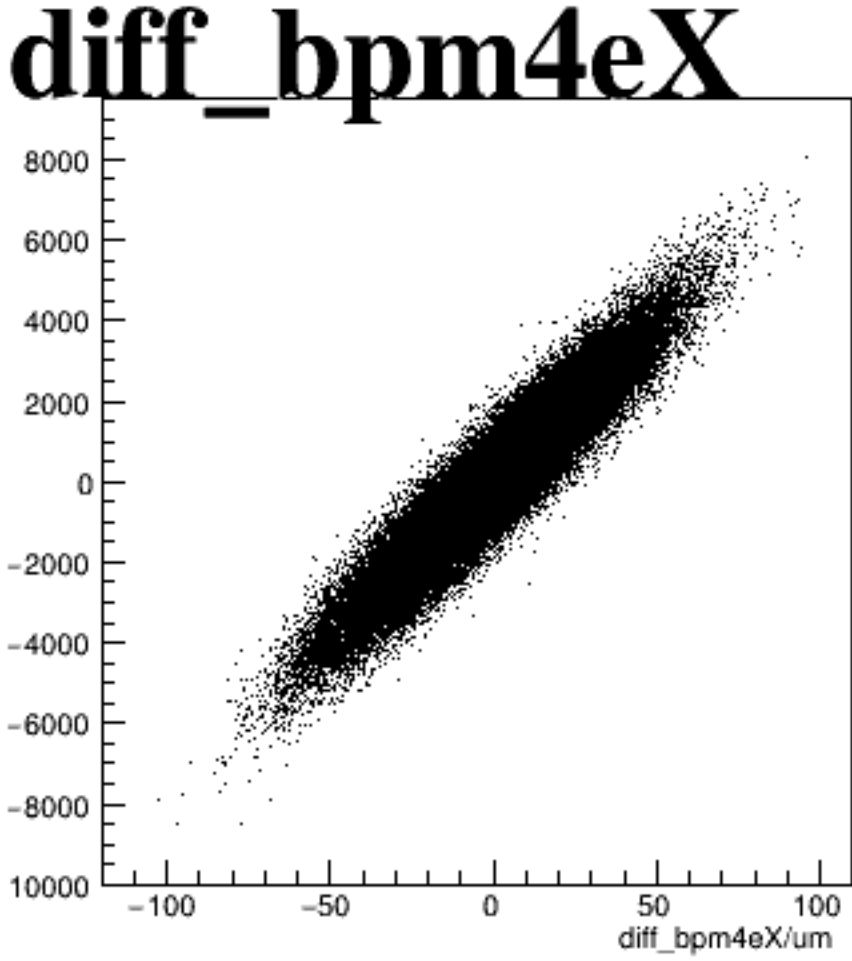
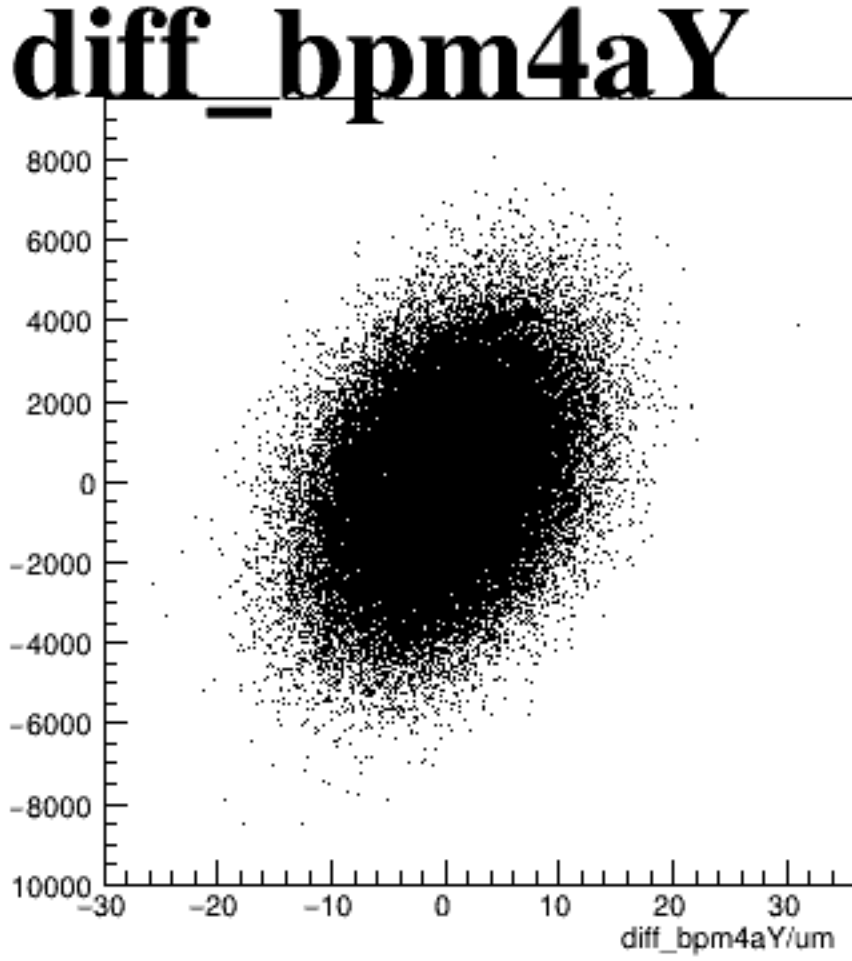
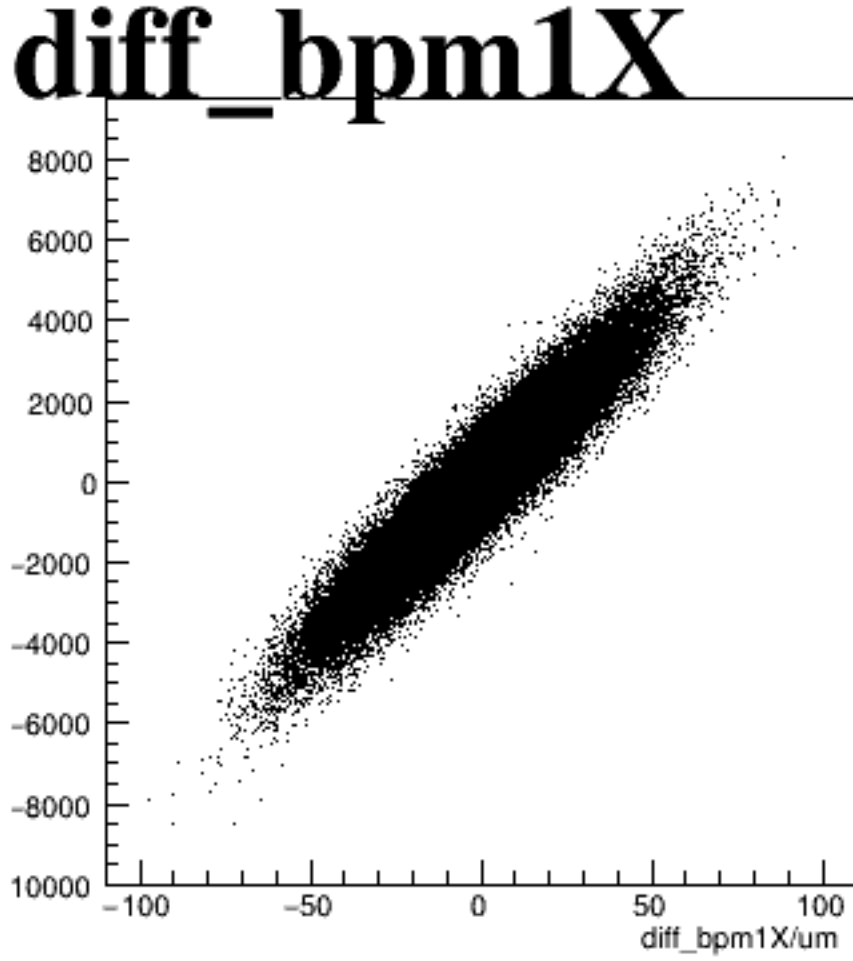
asym_sam2



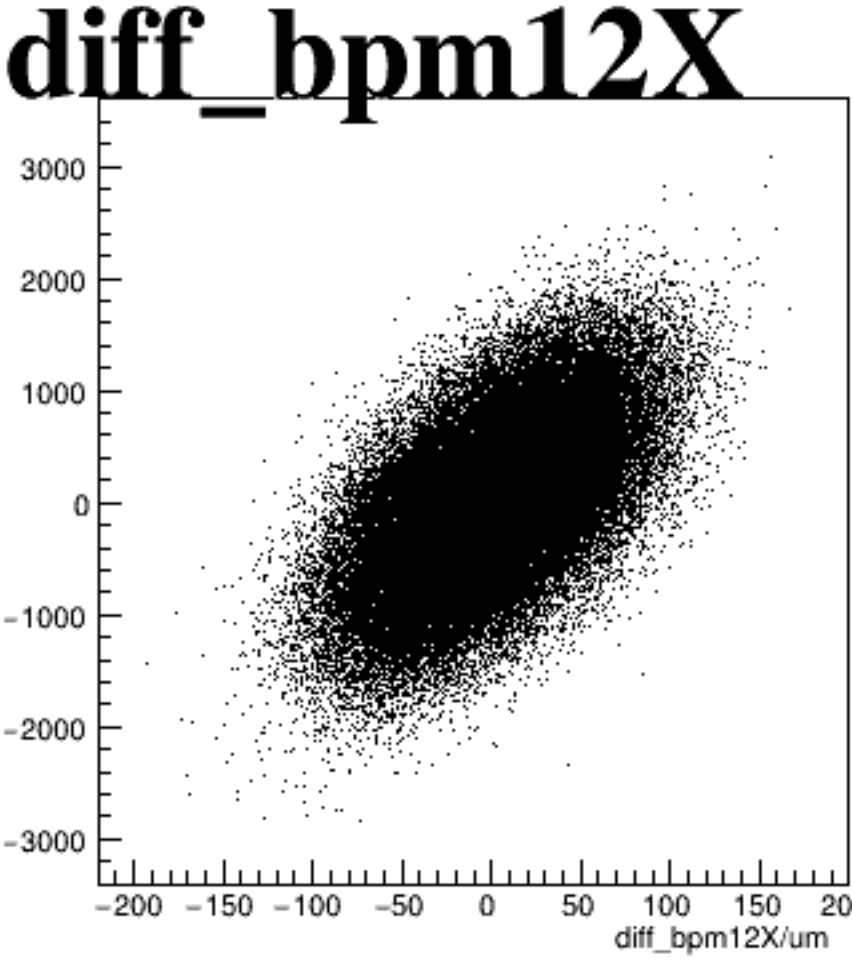
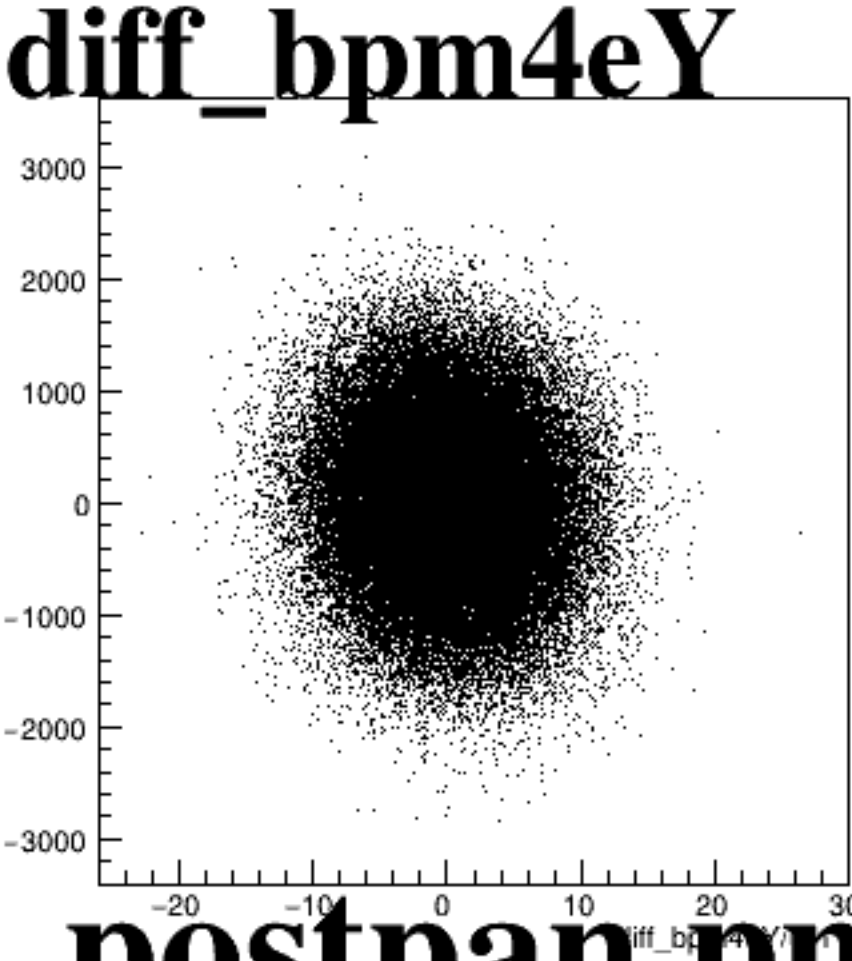
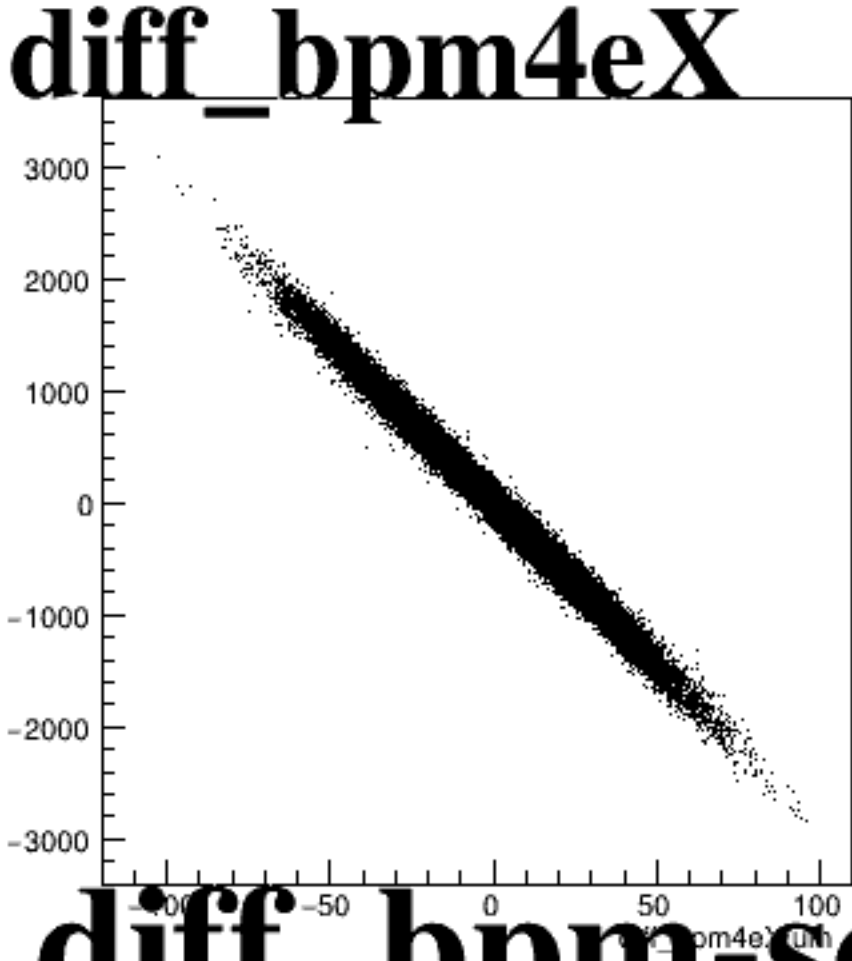
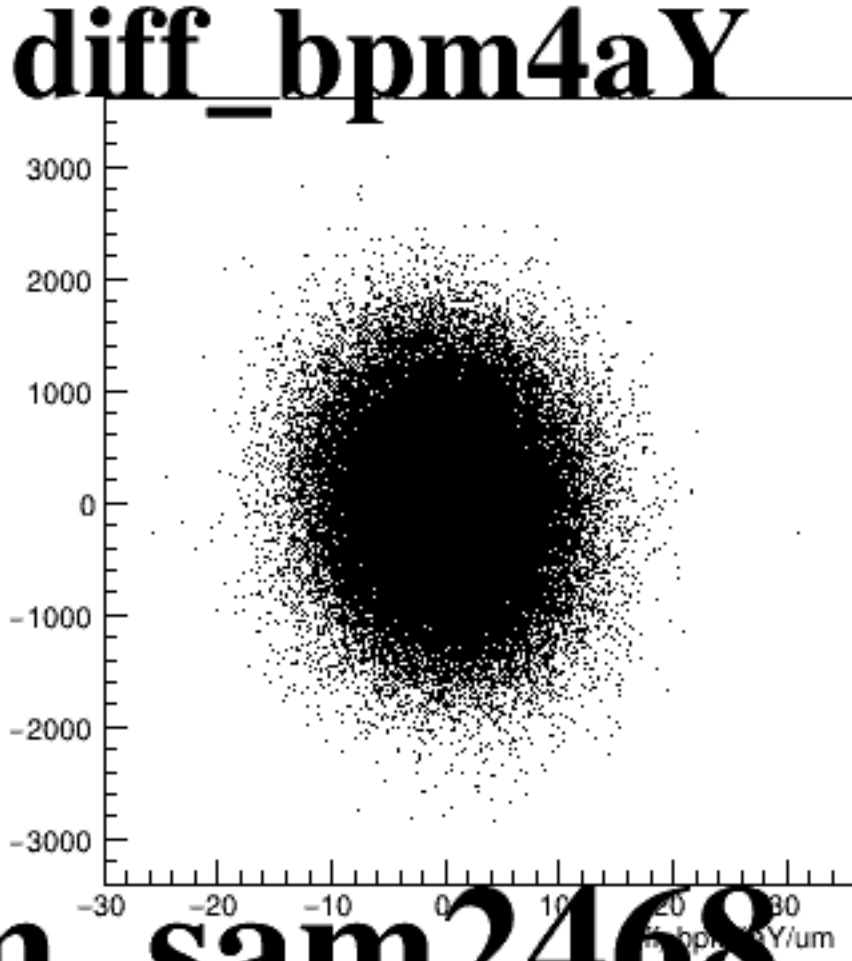
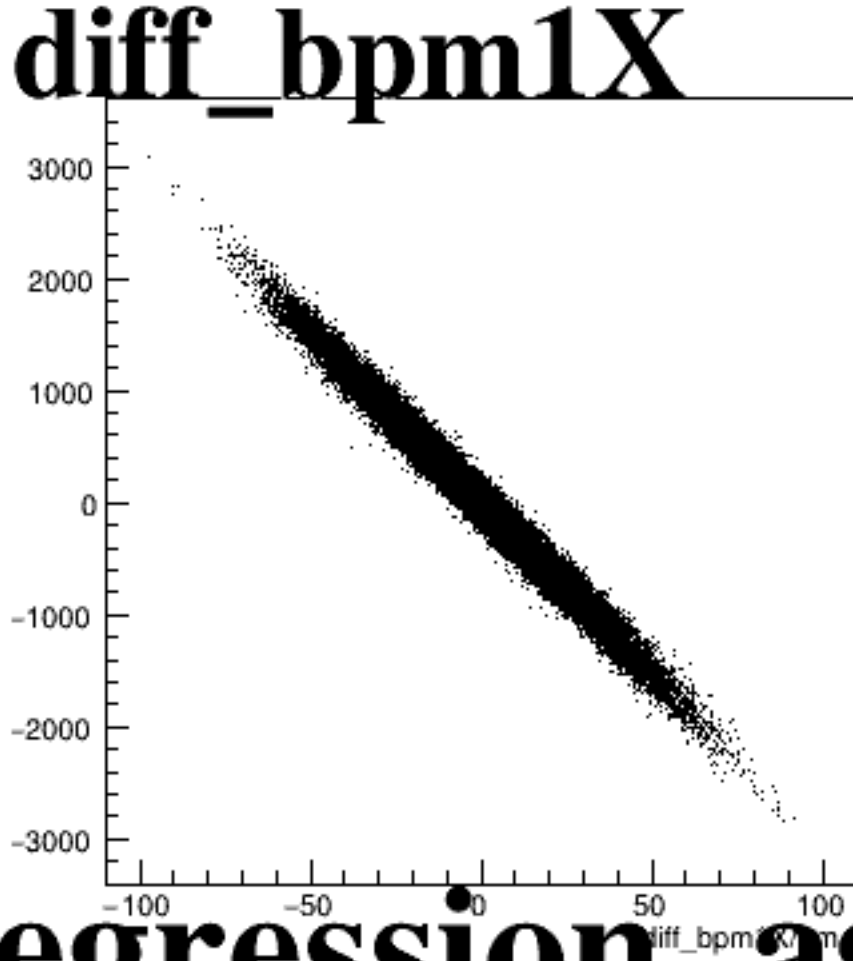
asym_sam4



asym_sam6



asym_sam8



The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences between different beam position monitors (BPMs). The plots are titled as follows:

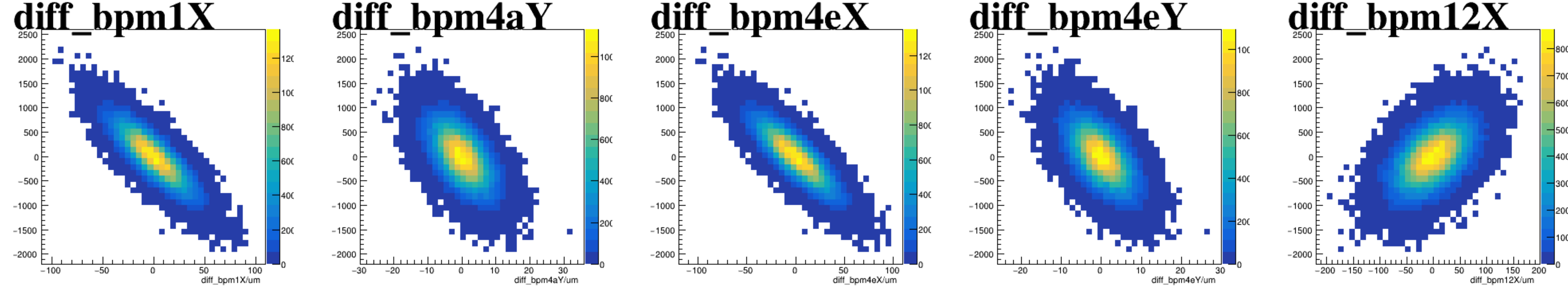
- diff_bpm1X**: The x-axis is labeled 'diff_bpm1X/um' and ranges from -100 to 100. The y-axis ranges from -2000 to 1000.
- diff_bpm4aY**: The x-axis is labeled 'diff_bpm4aY/um' and ranges from -30 to 30. The y-axis ranges from -2000 to 1000.
- diff_bpm4eX**: The x-axis is labeled 'diff_bpm4eX/um' and ranges from -100 to 100. The y-axis ranges from -2000 to 1000.
- diff_bpm4eY**: The x-axis is labeled 'diff_bpm4eY/um' and ranges from -20 to 30. The y-axis ranges from -2000 to 1000.
- diff_bpm12X**: The x-axis is labeled 'diff_bpm12X/um' and ranges from -200 to 200. The y-axis ranges from -2000 to 1000.

In all plots, the data points are densely clustered around the origin (0,0), indicating that the differences between the BPMs are generally small and centered around zero.

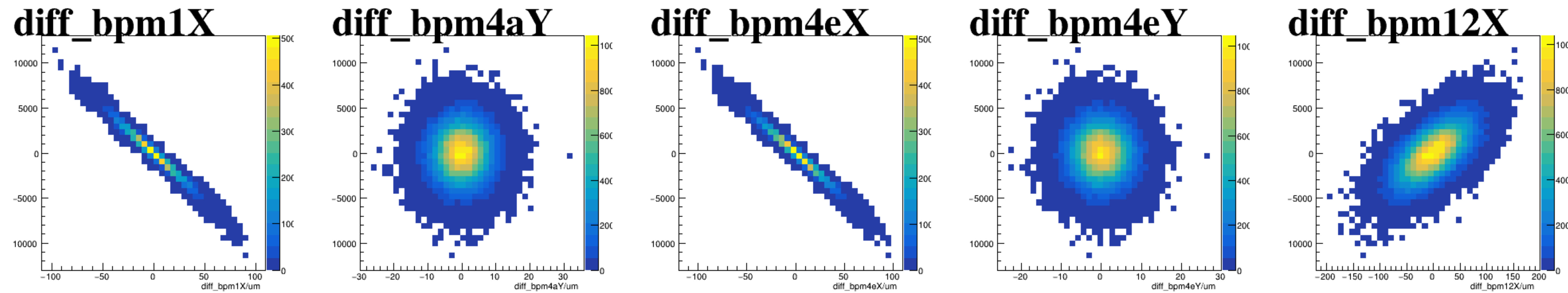
The figure displays five scatter plots, each representing the difference in BPM (diff_bpm) for a specific beam parameter. The plots are arranged horizontally. Each plot has a y-axis labeled 'diff_bpm' and an x-axis labeled 'diff_bpm'. The data points are densely clustered around the origin (0,0), indicating a high level of agreement between the regression and postman methods for all parameters shown.

- diff_bpm1X**: The x-axis ranges from -100 to 100, and the y-axis ranges from -600 to 400.
- diff_bpm4aY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -600 to 400.
- diff_bpm4eX**: The x-axis ranges from -100 to 100, and the y-axis ranges from -600 to 400.
- diff_bpm4eY**: The x-axis ranges from -20 to 30, and the y-axis ranges from -600 to 400.
- diff_bpm12X**: The x-axis ranges from -200 to 200, and the y-axis ranges from -600 to 400.

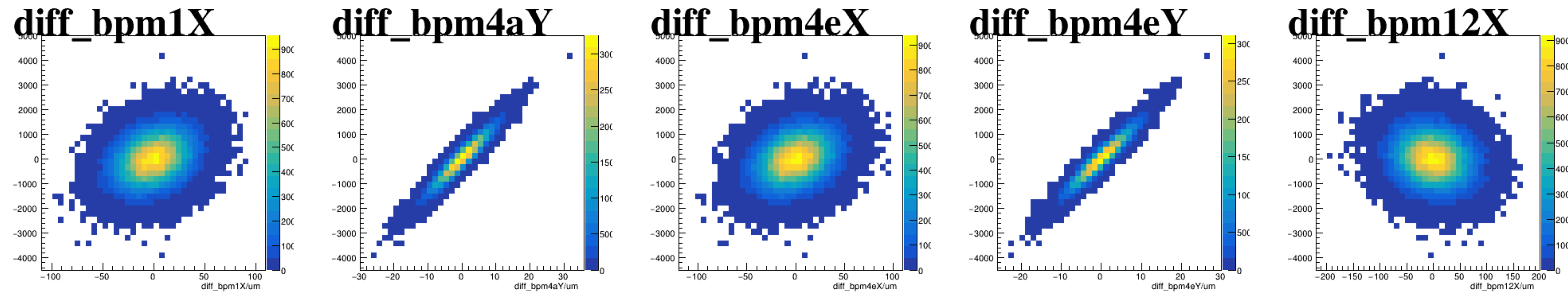
asym_sam1



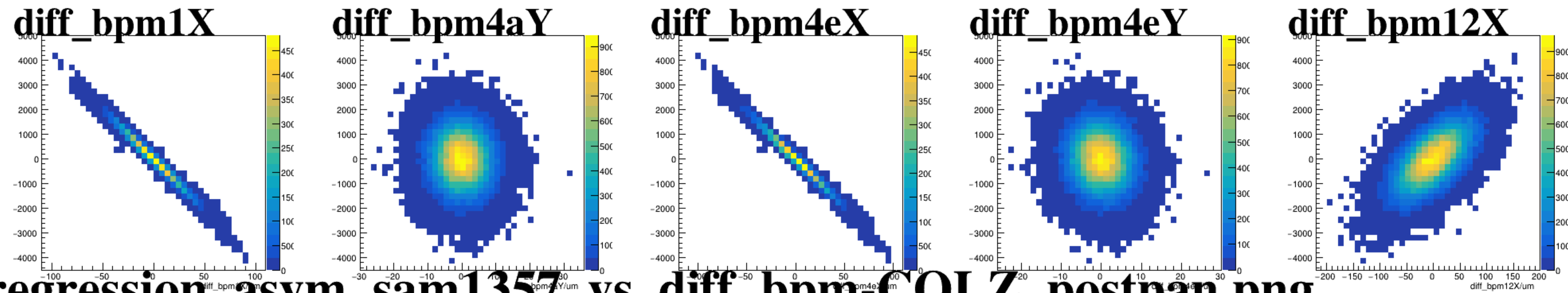
asym_sam3



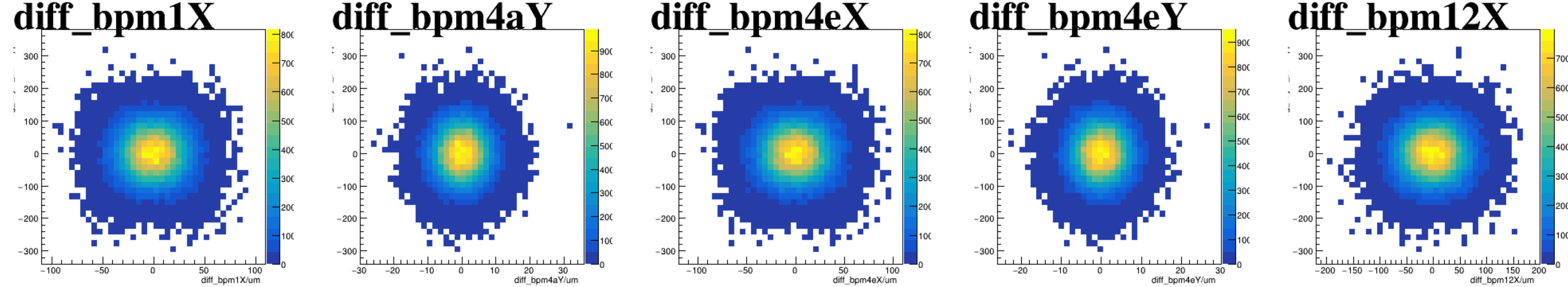
asym_sam5



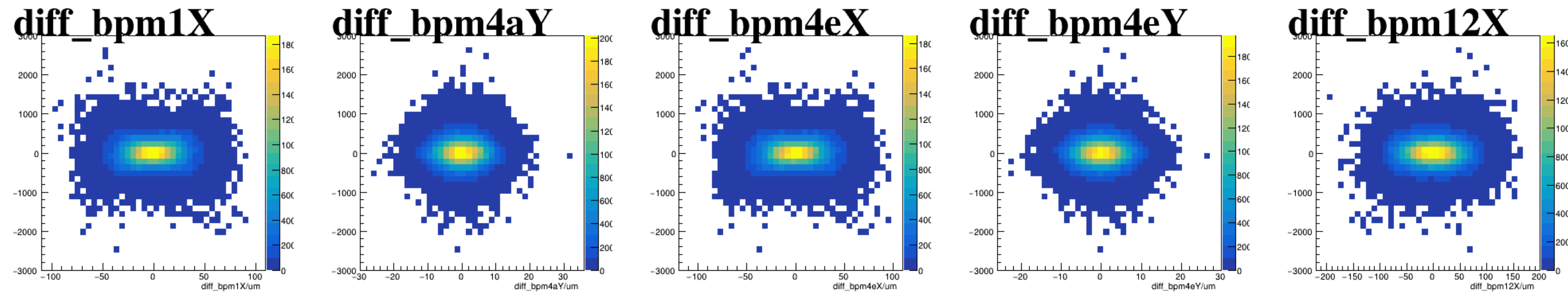
asym_sam7



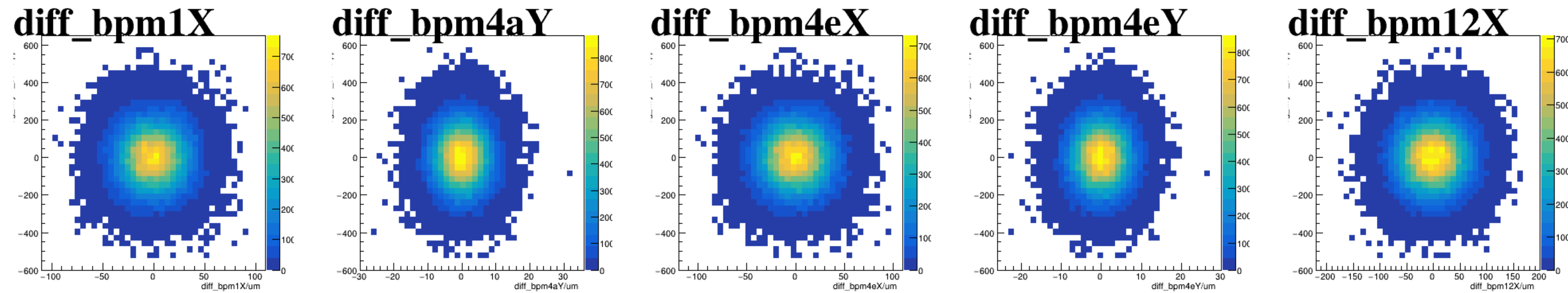
reg_asym_sam1



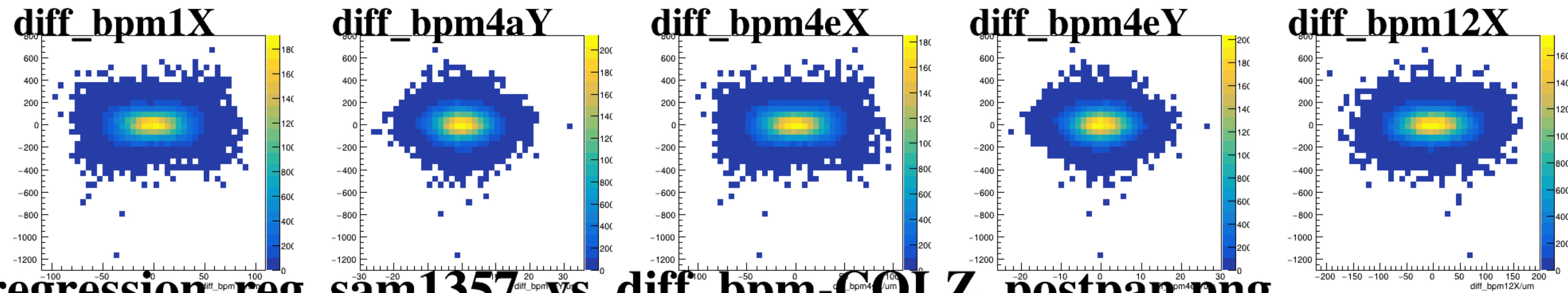
reg_asym_sam3



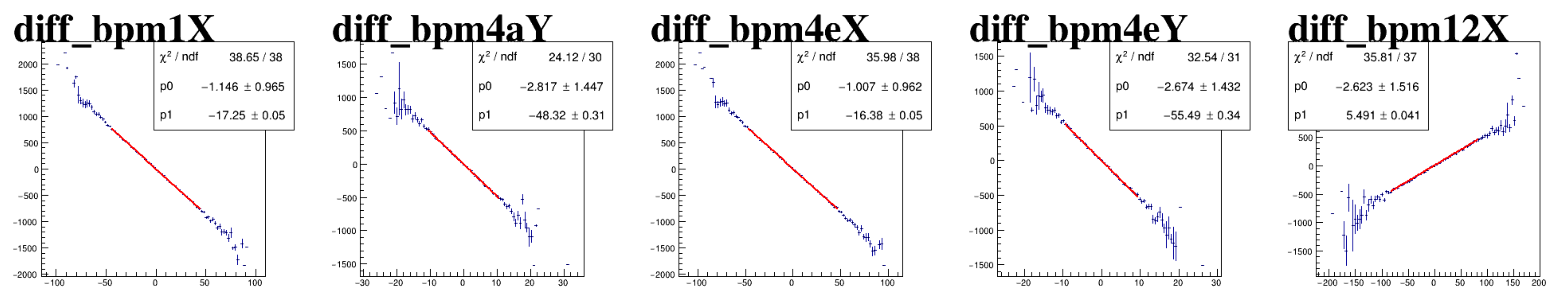
reg_asym_sam5



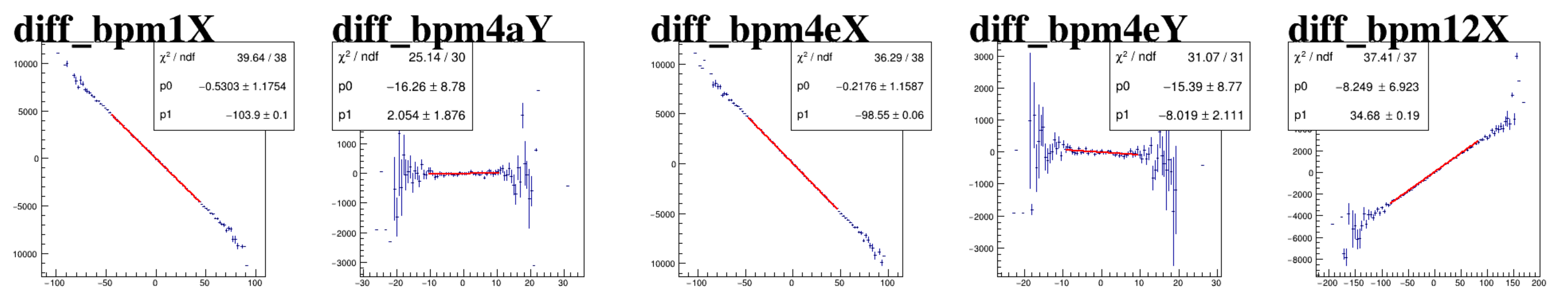
reg_asym_sam7



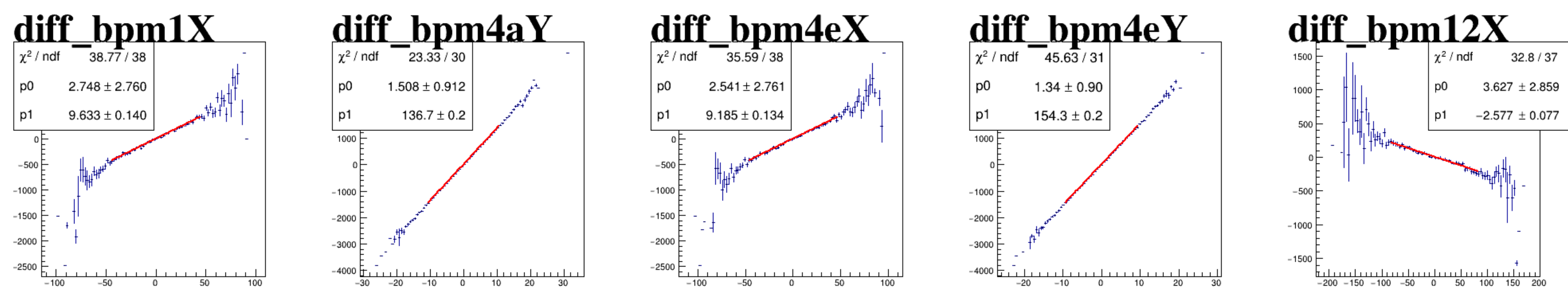
asym_sam1



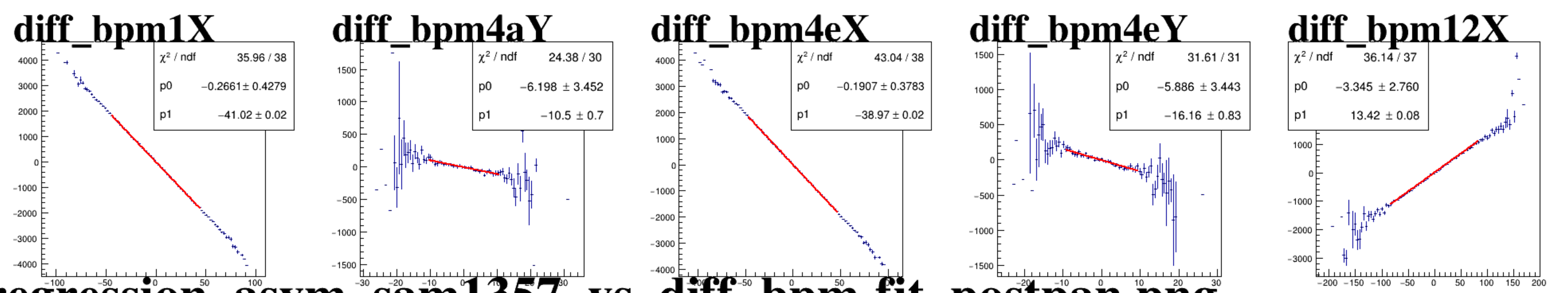
asym_sam3



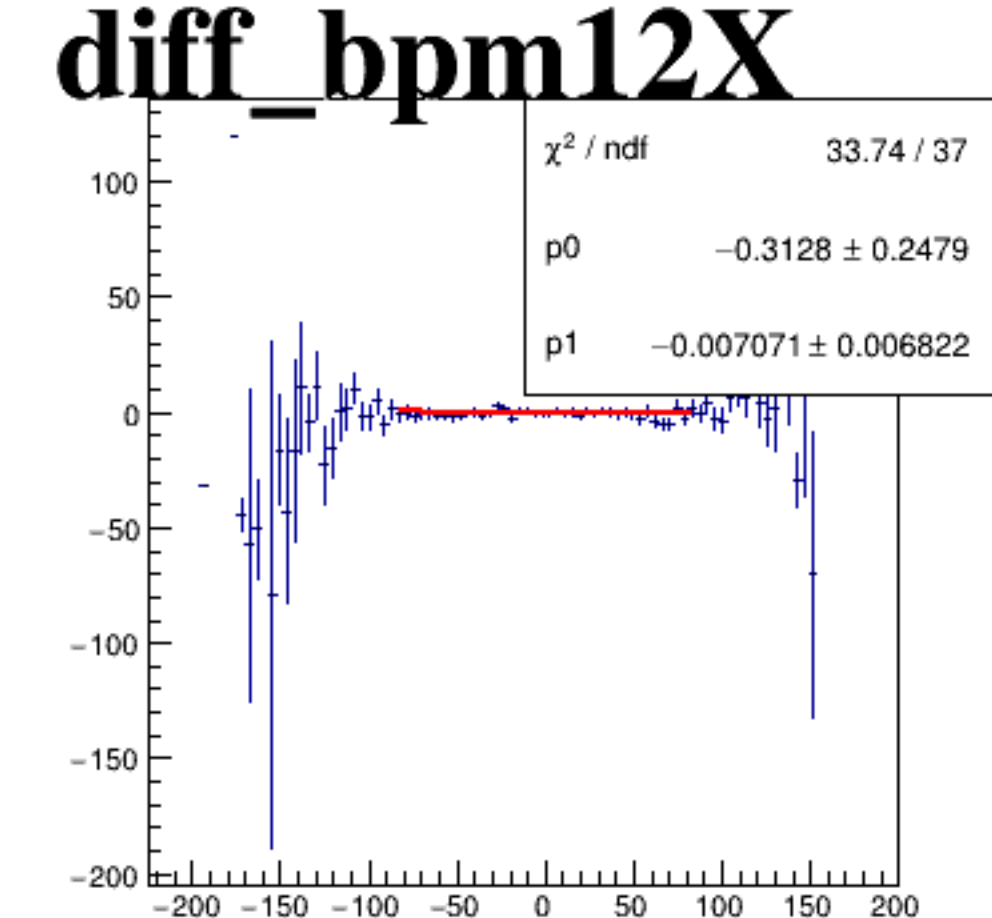
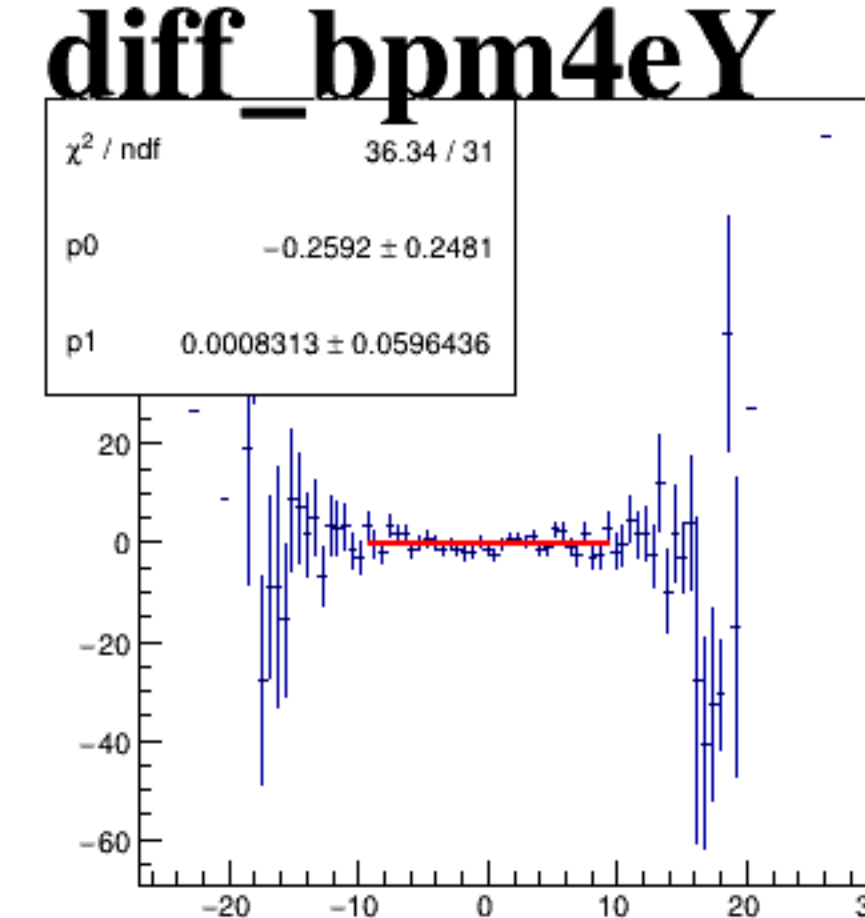
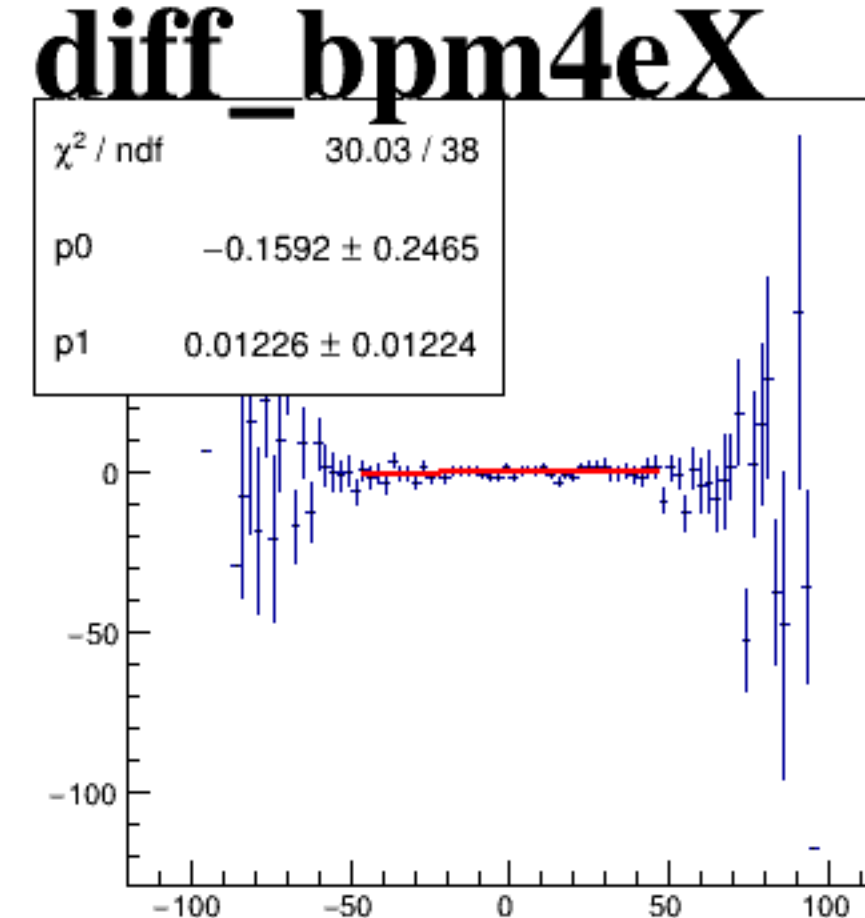
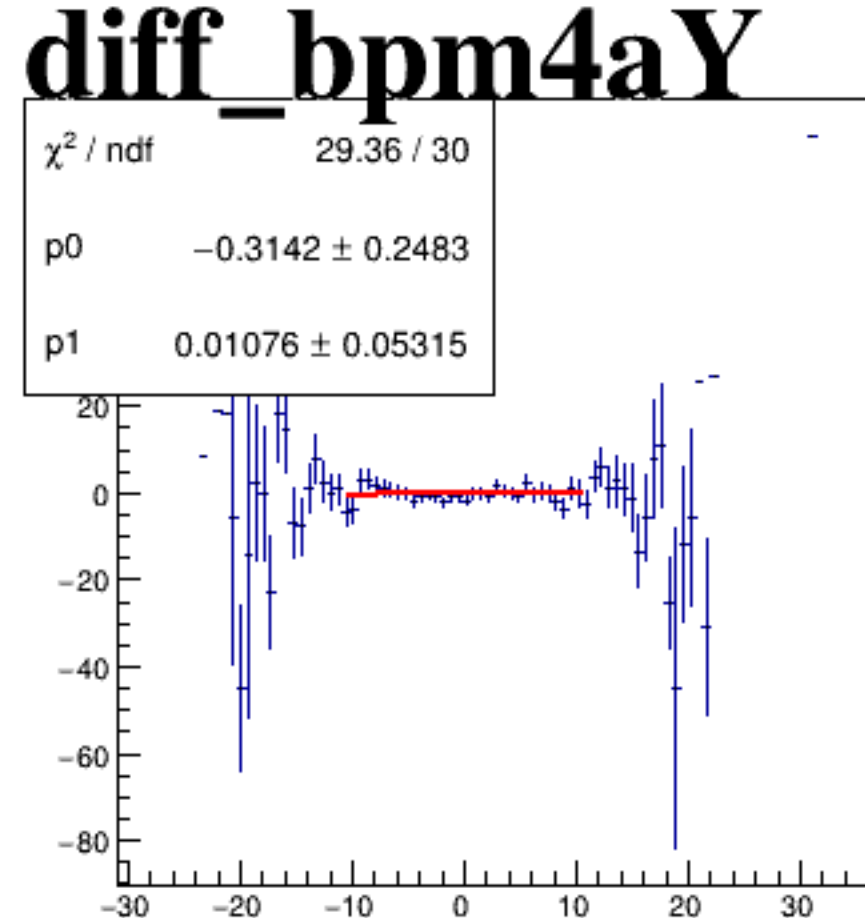
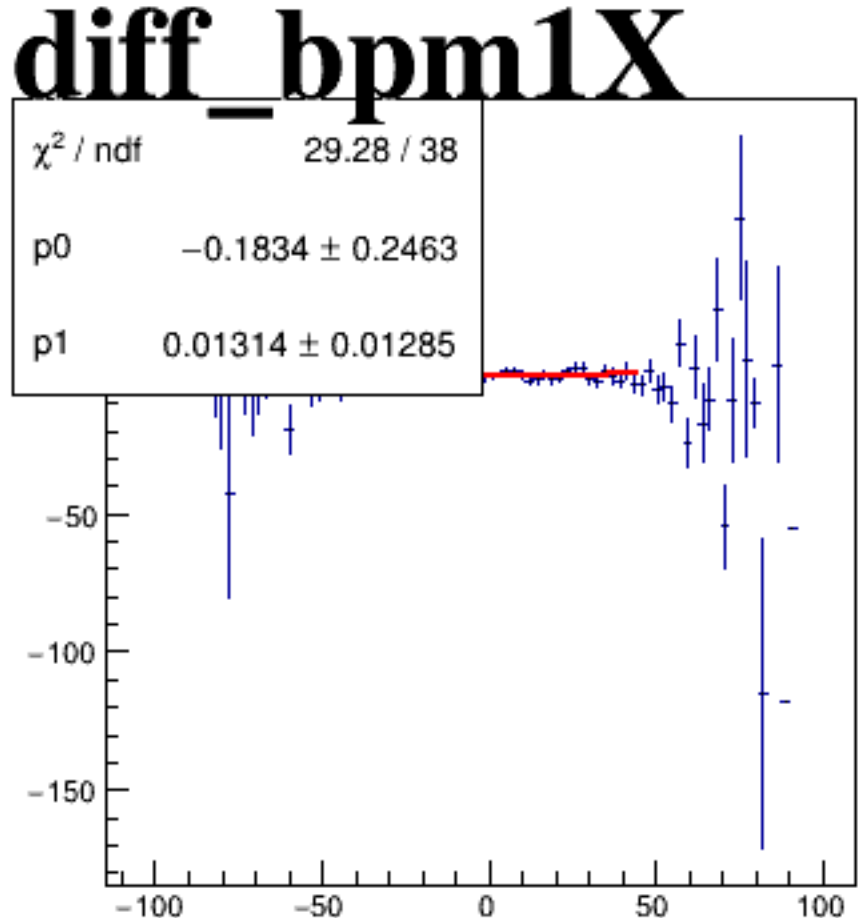
asym_sam5



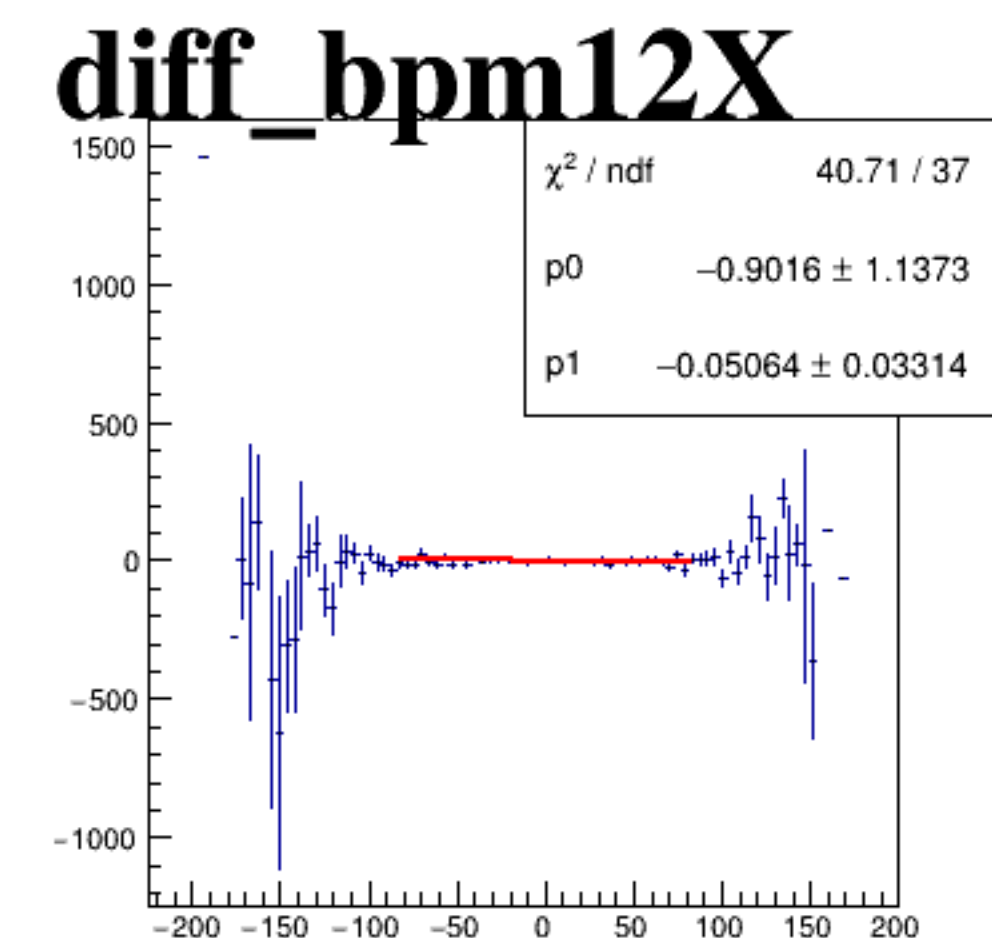
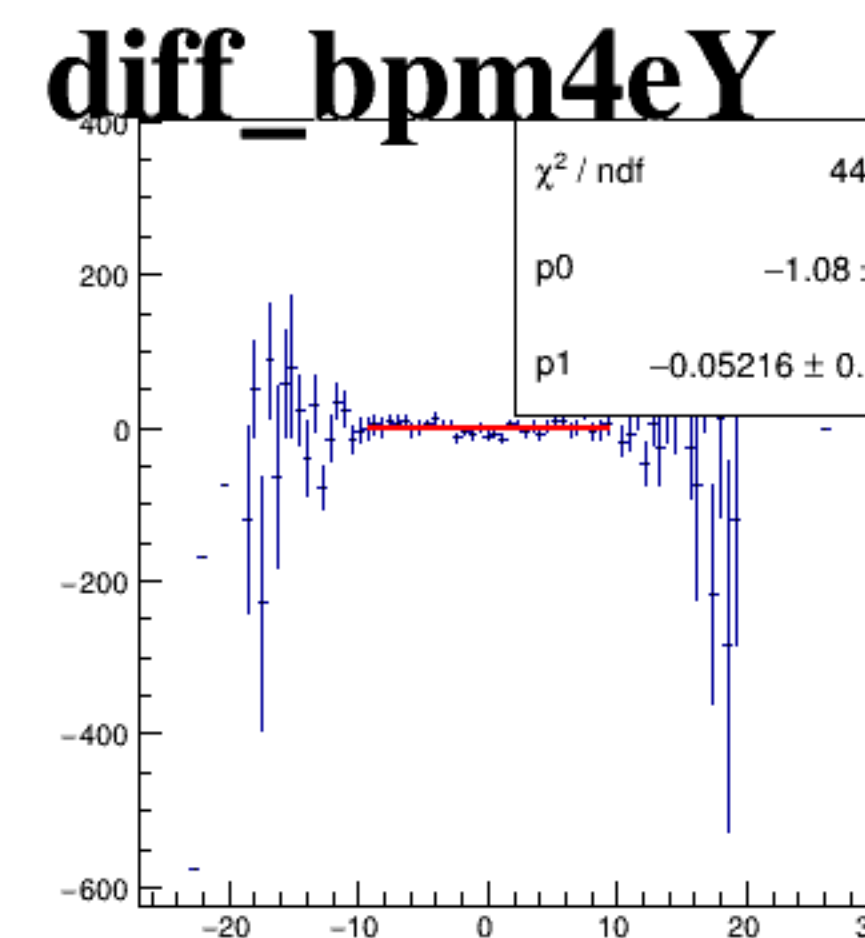
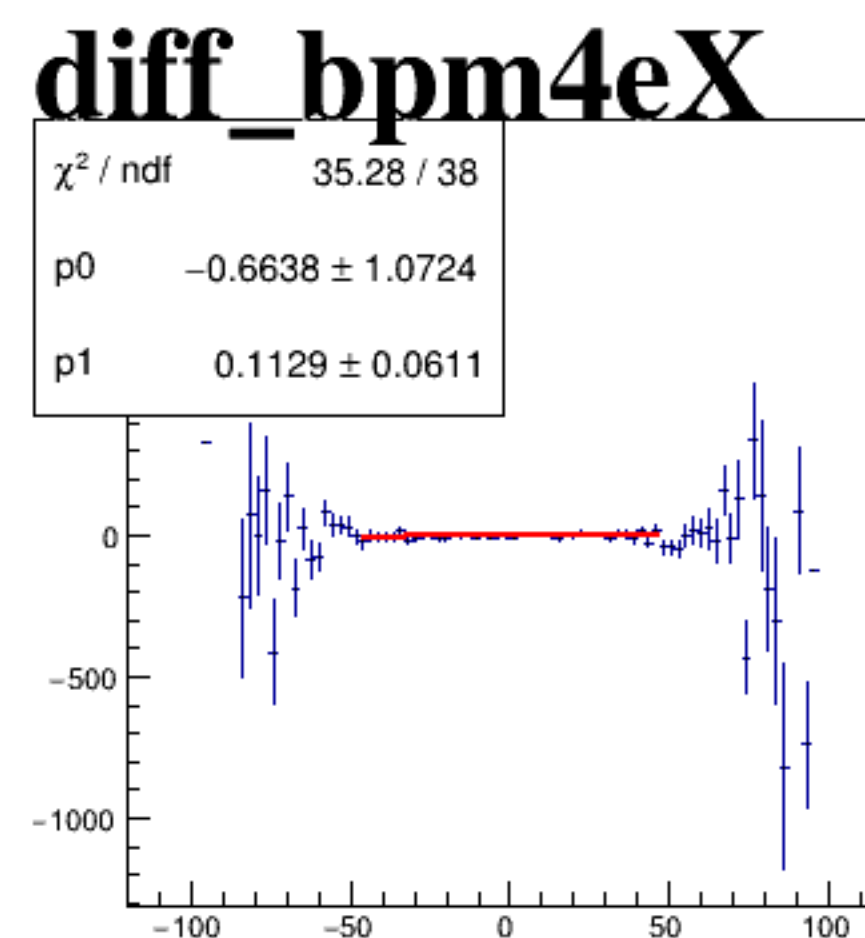
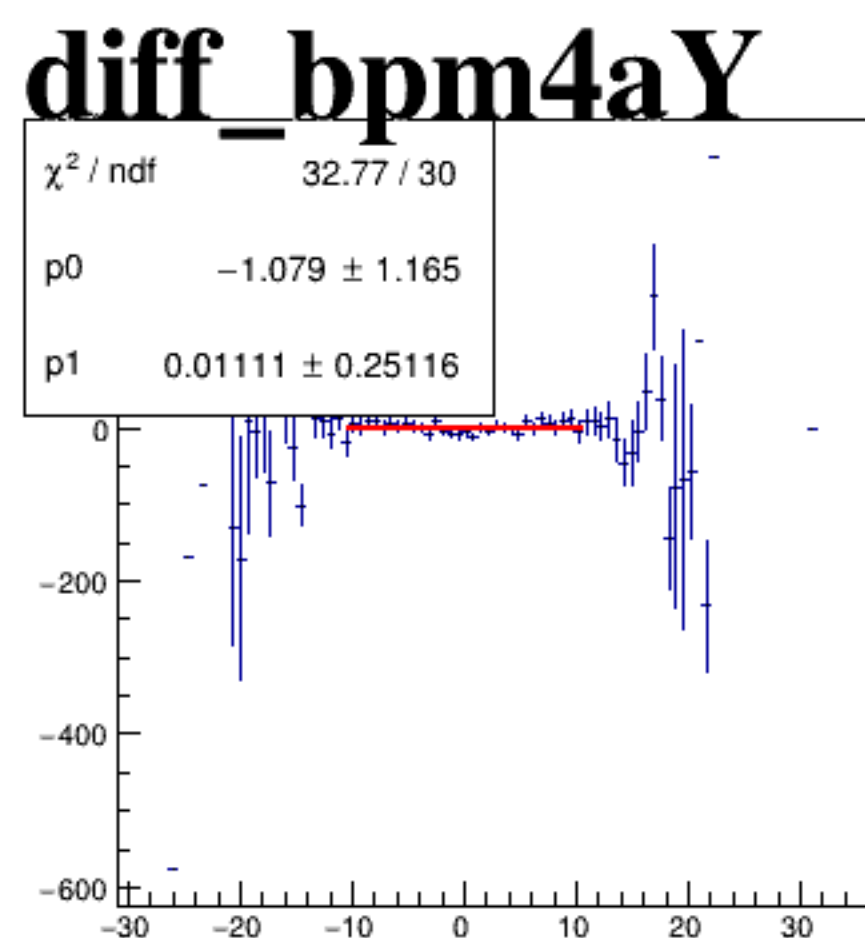
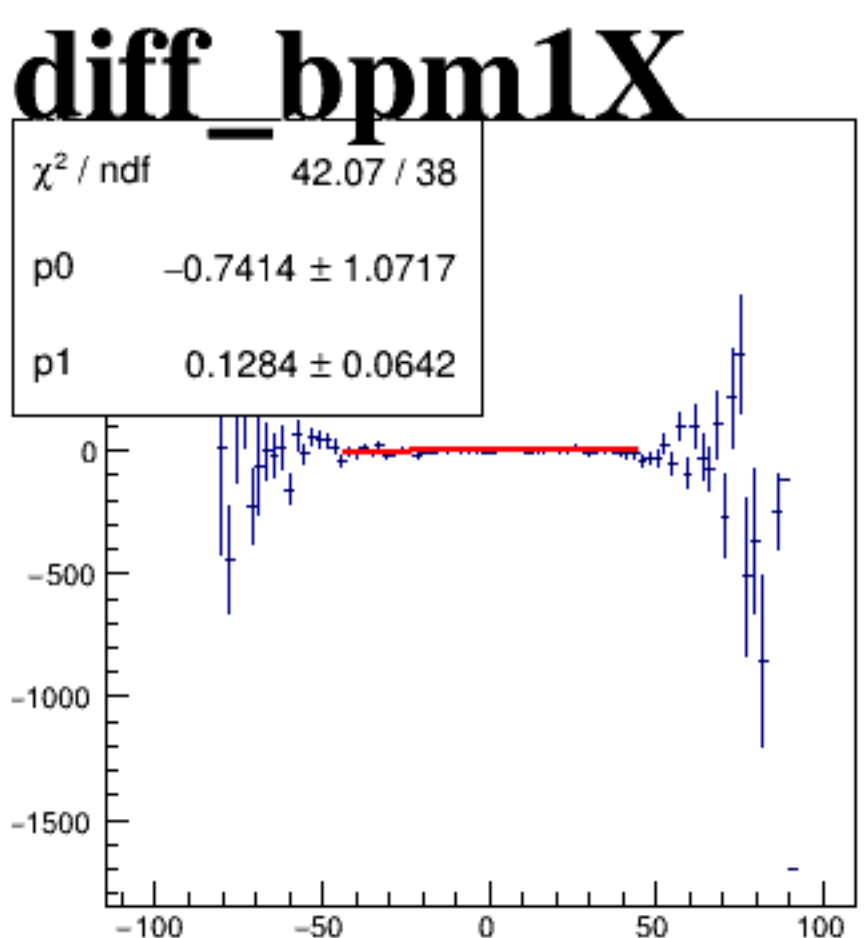
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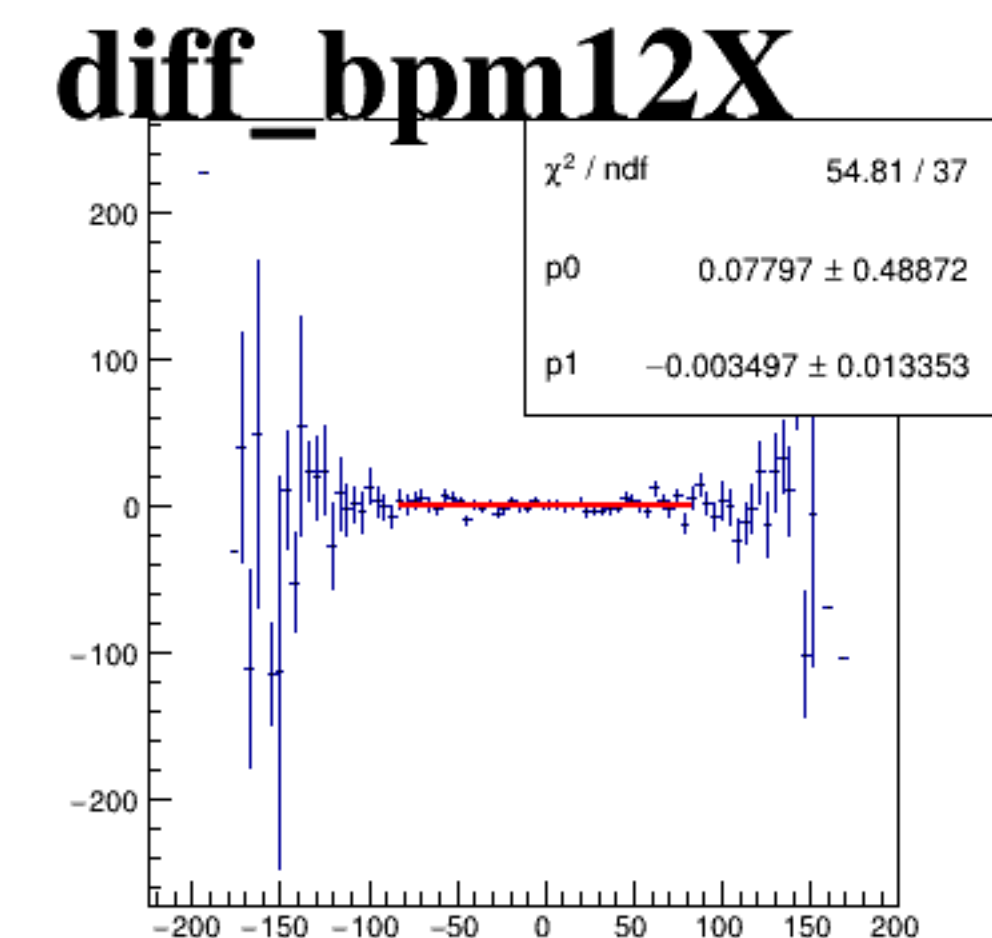
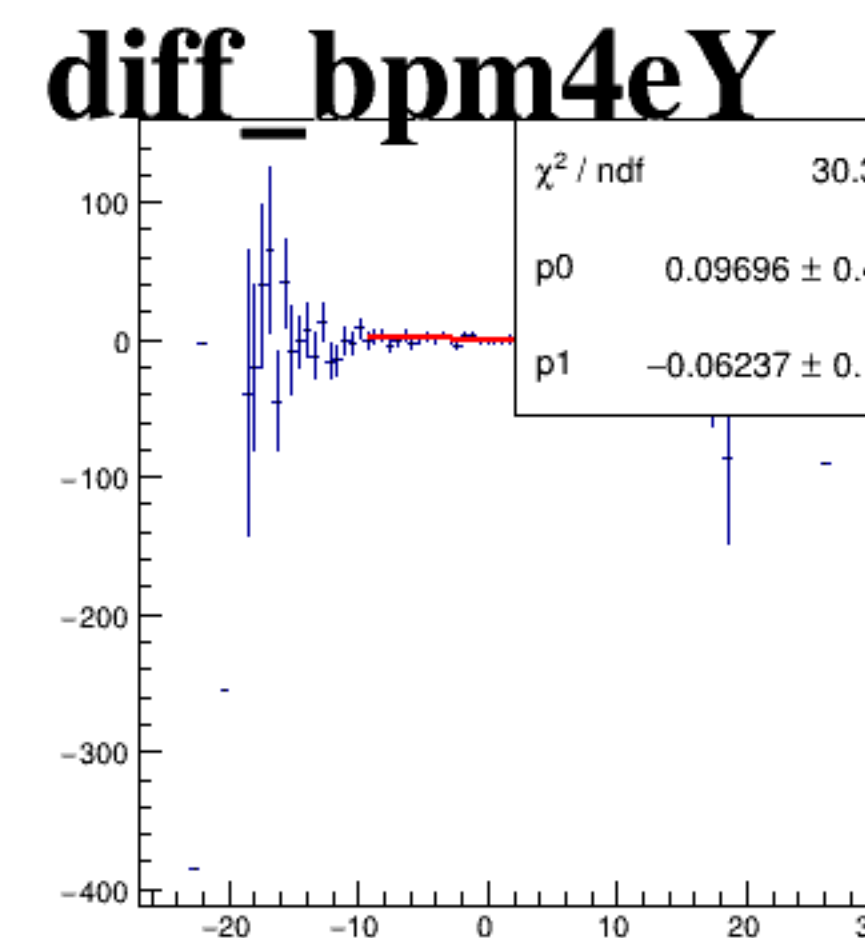
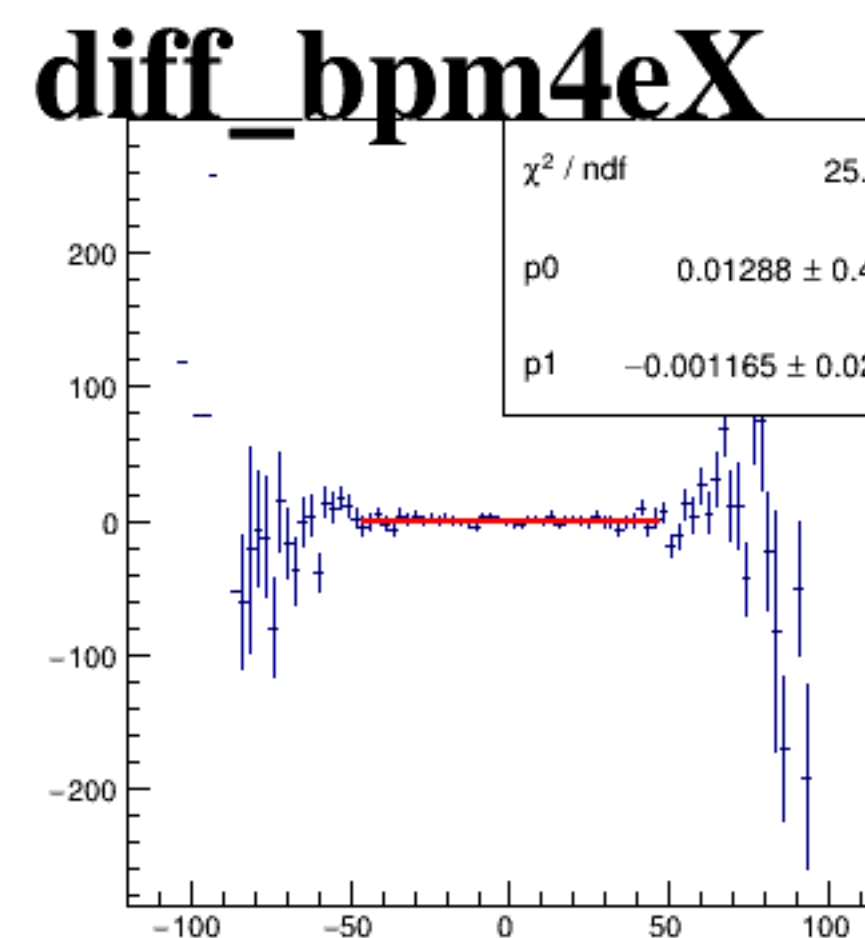
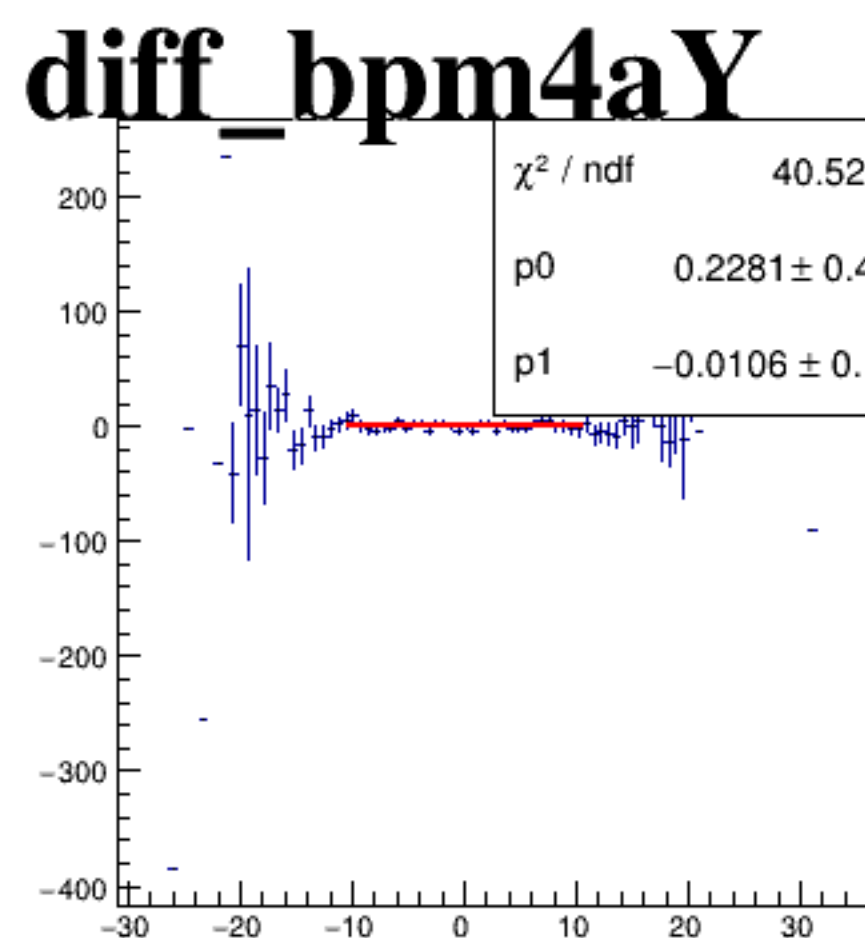
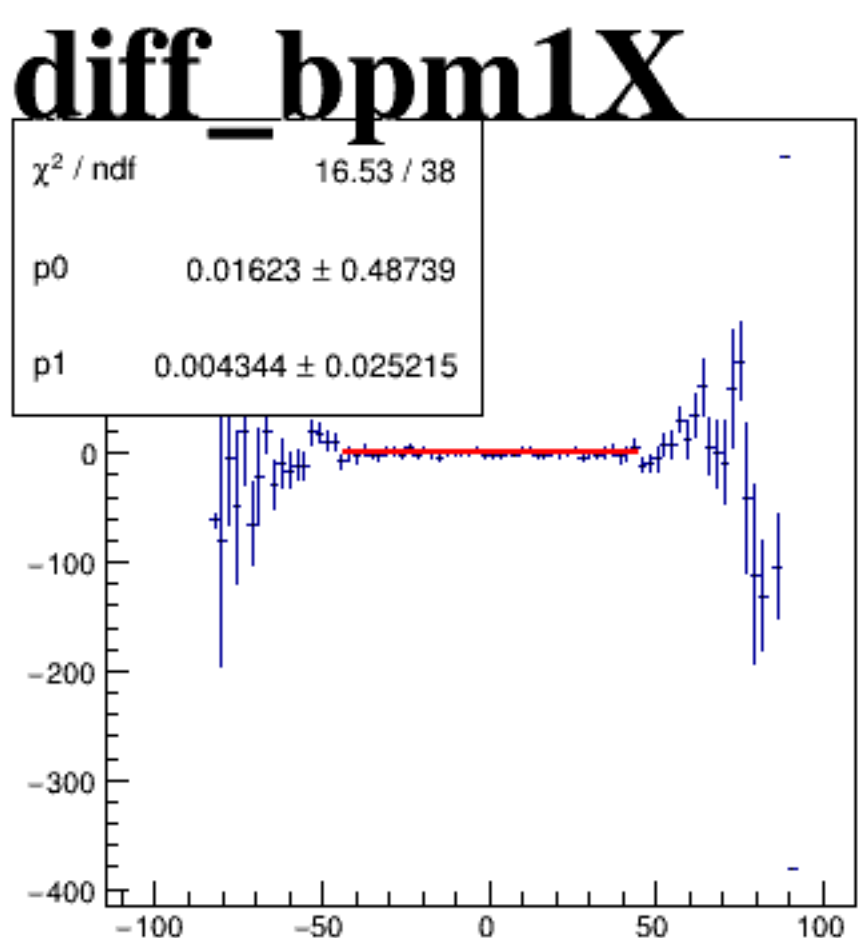
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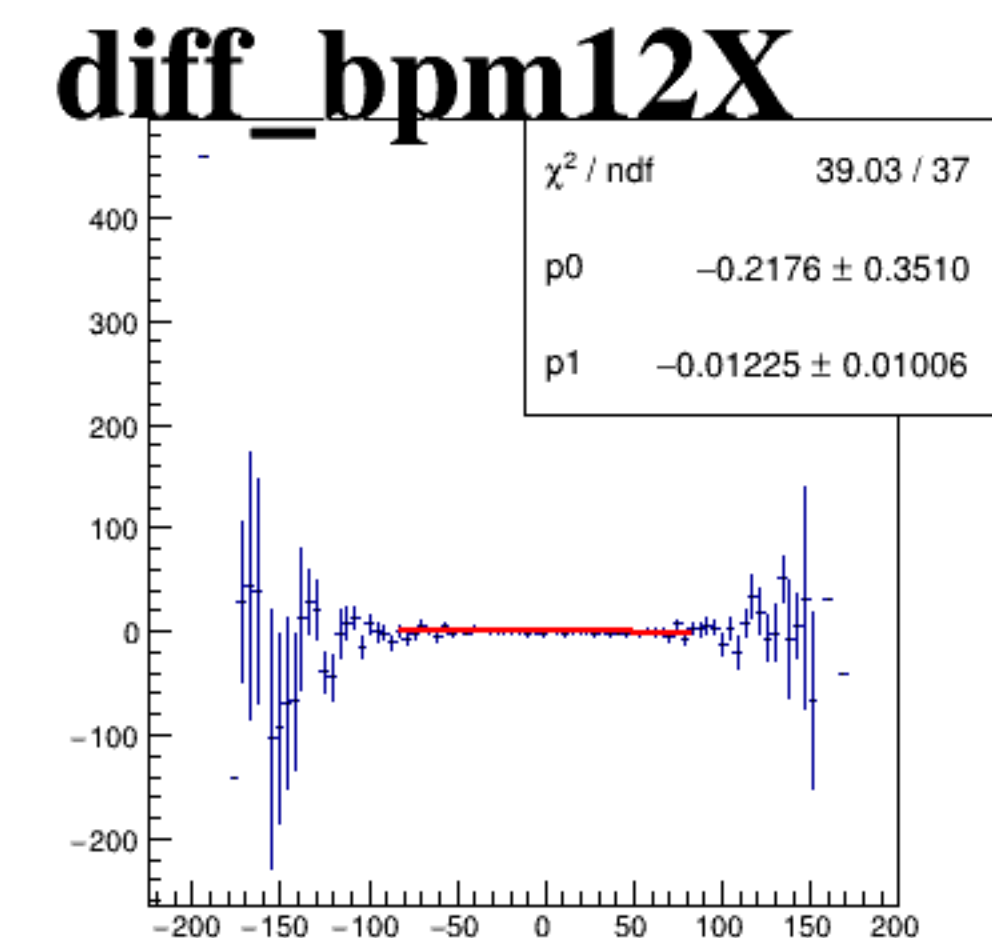
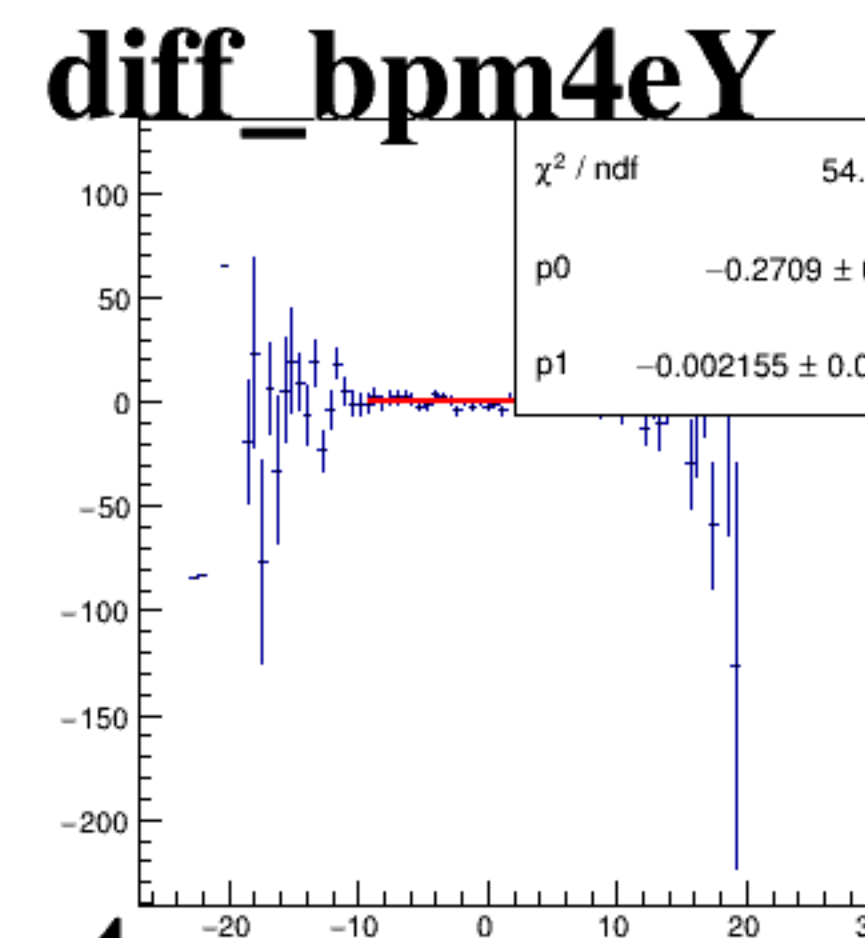
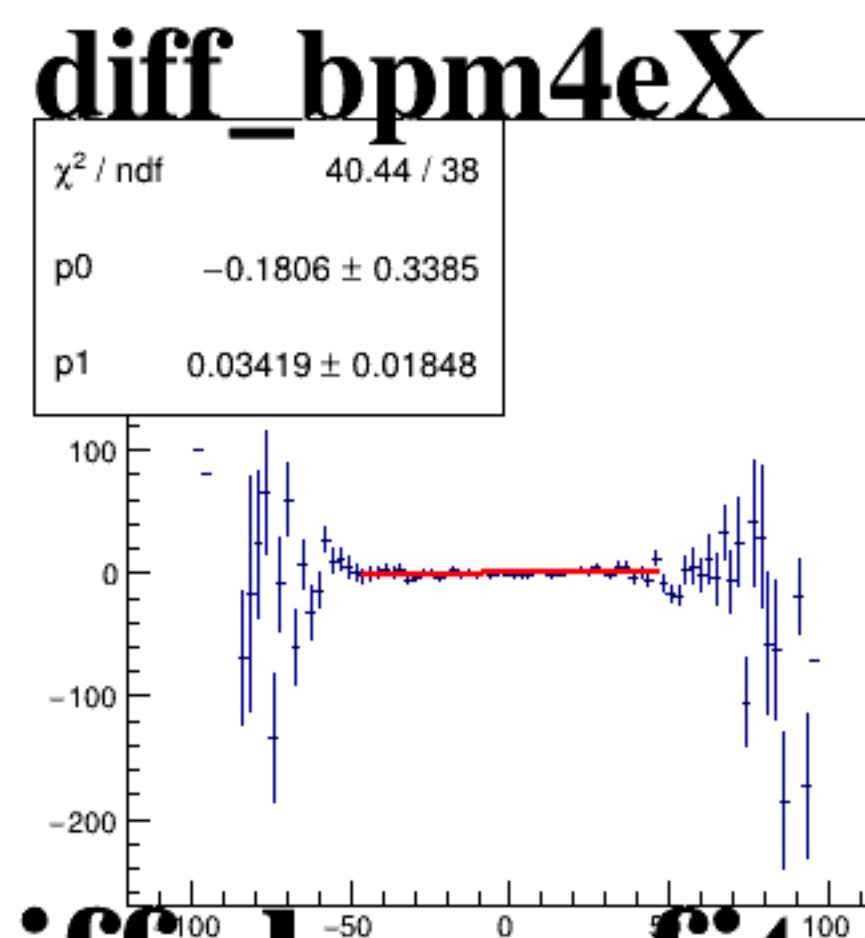
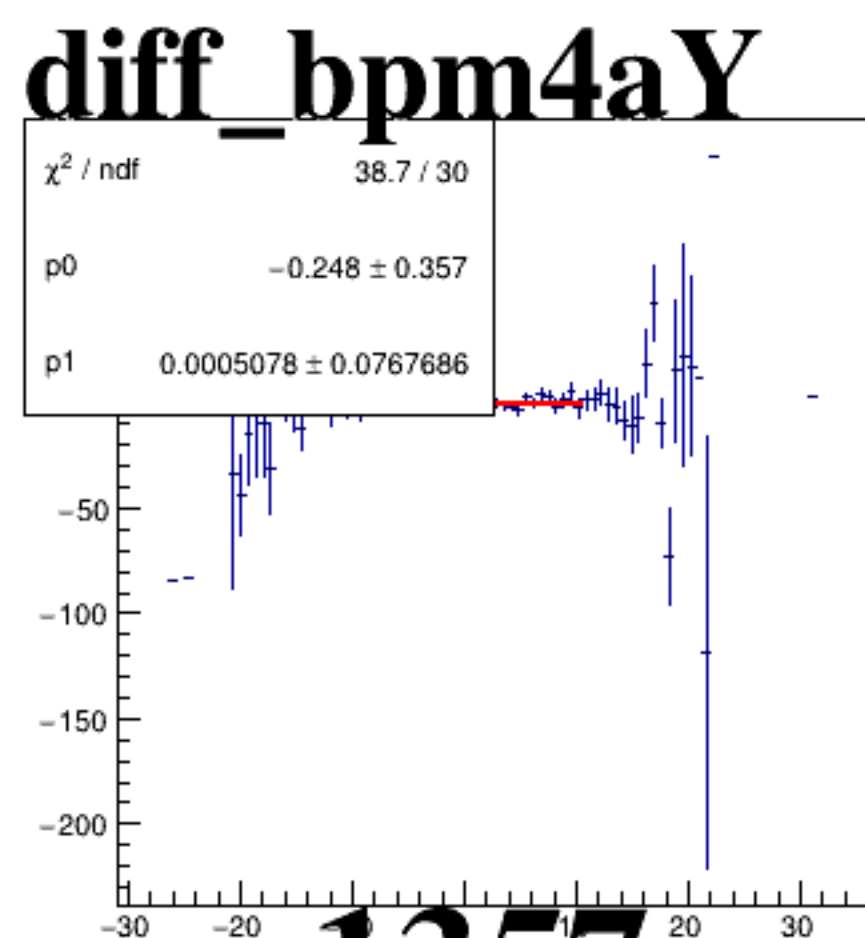
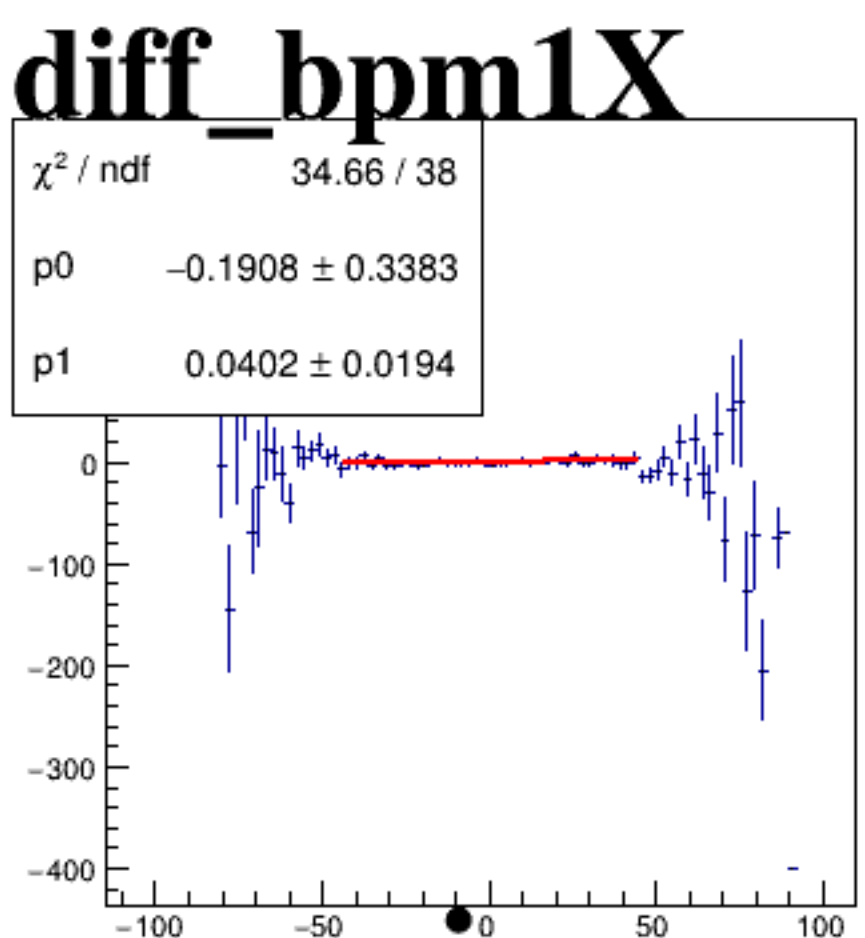
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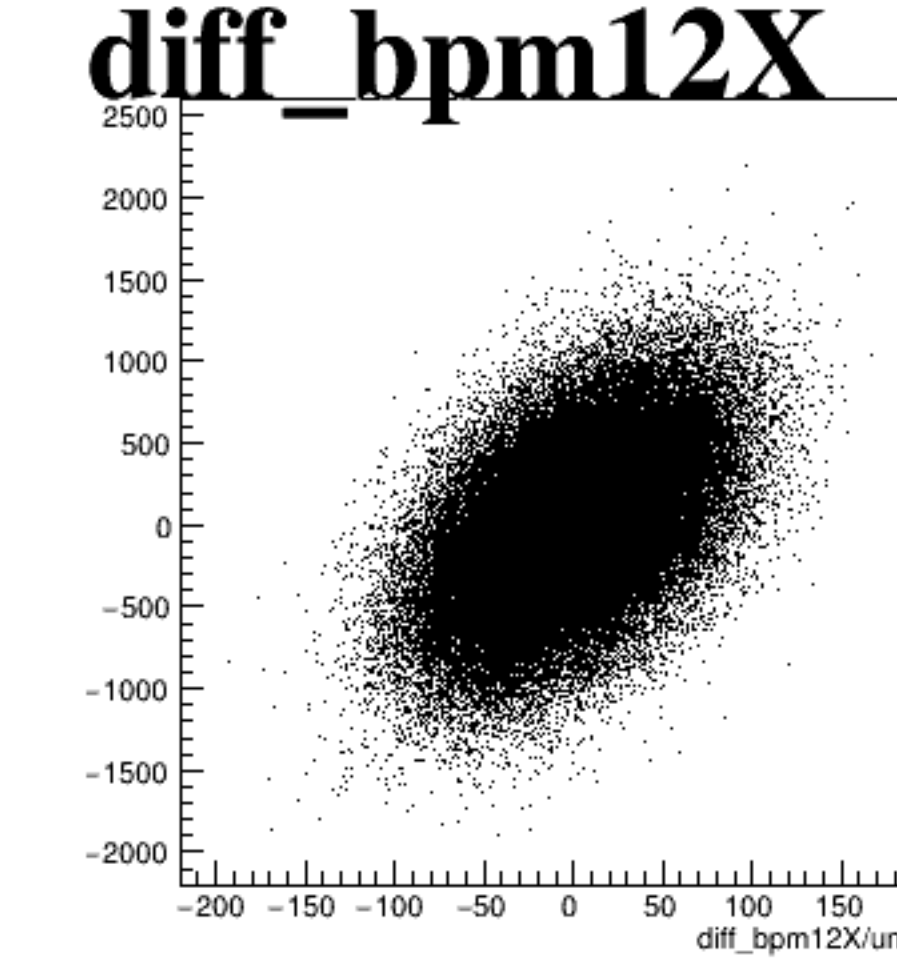
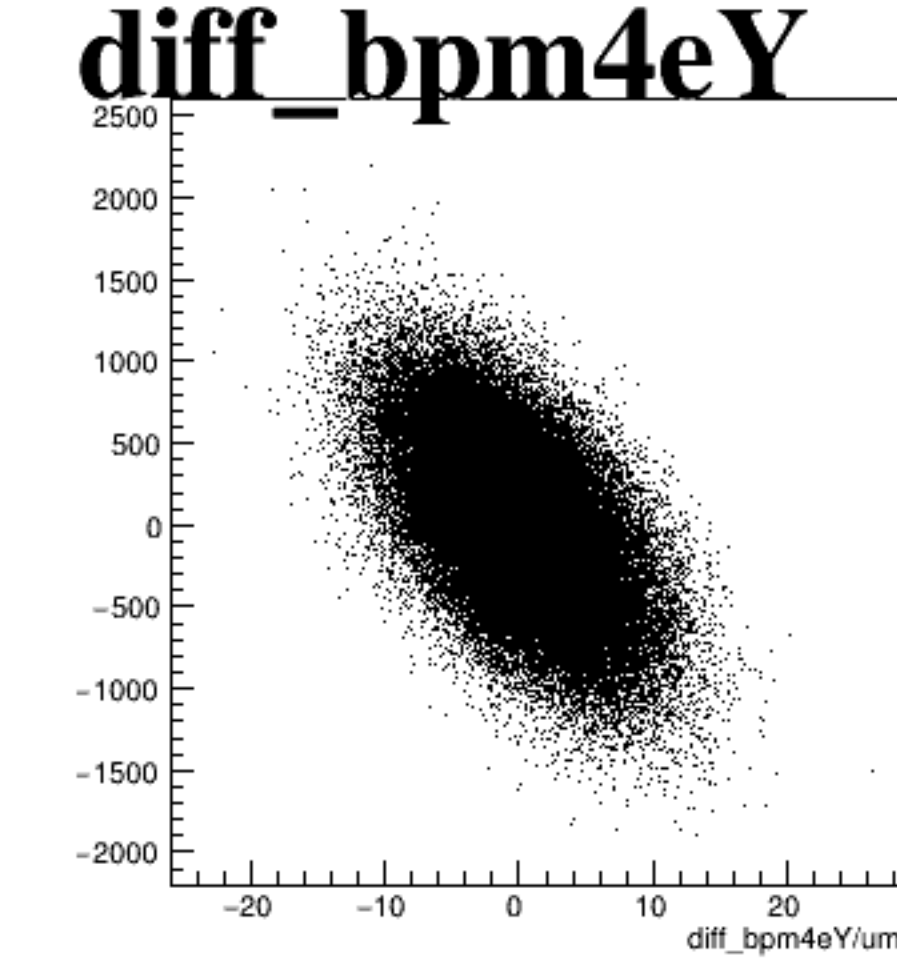
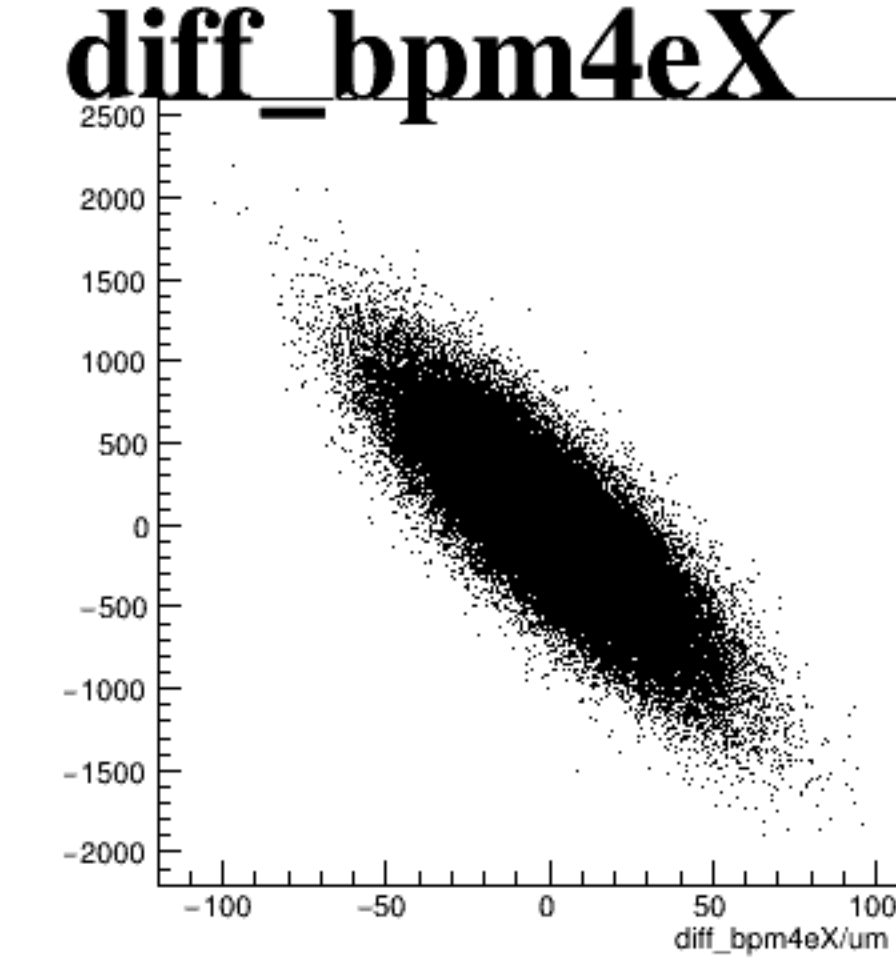
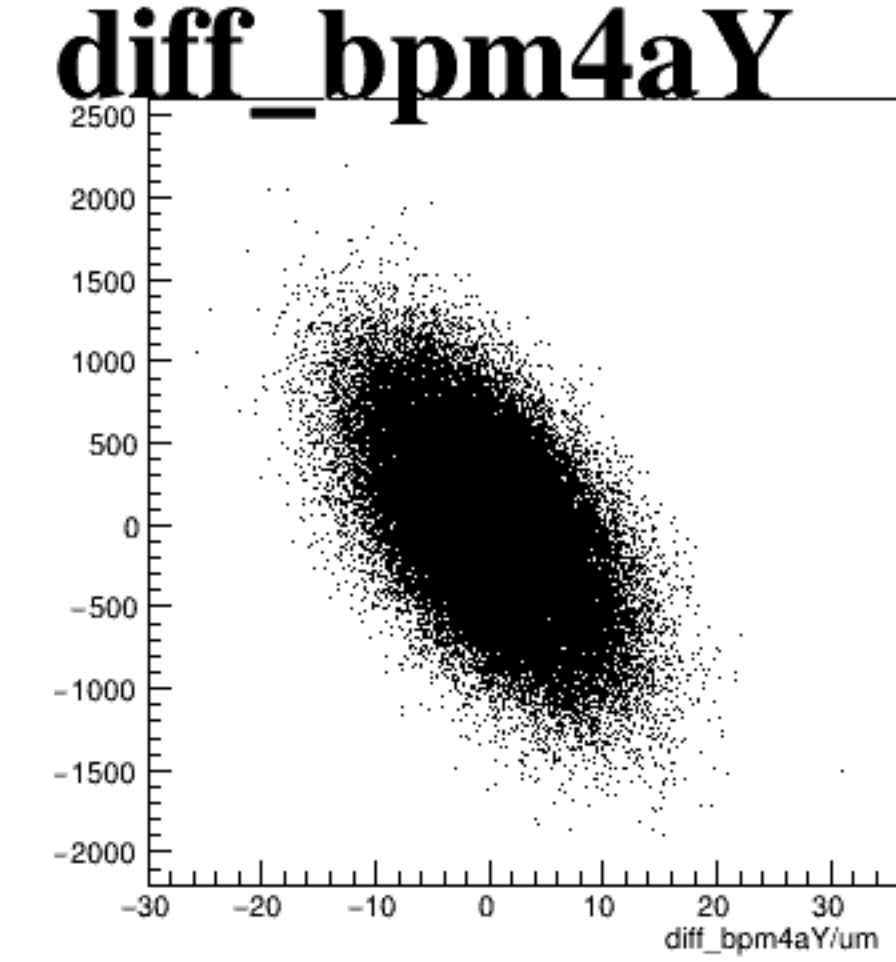
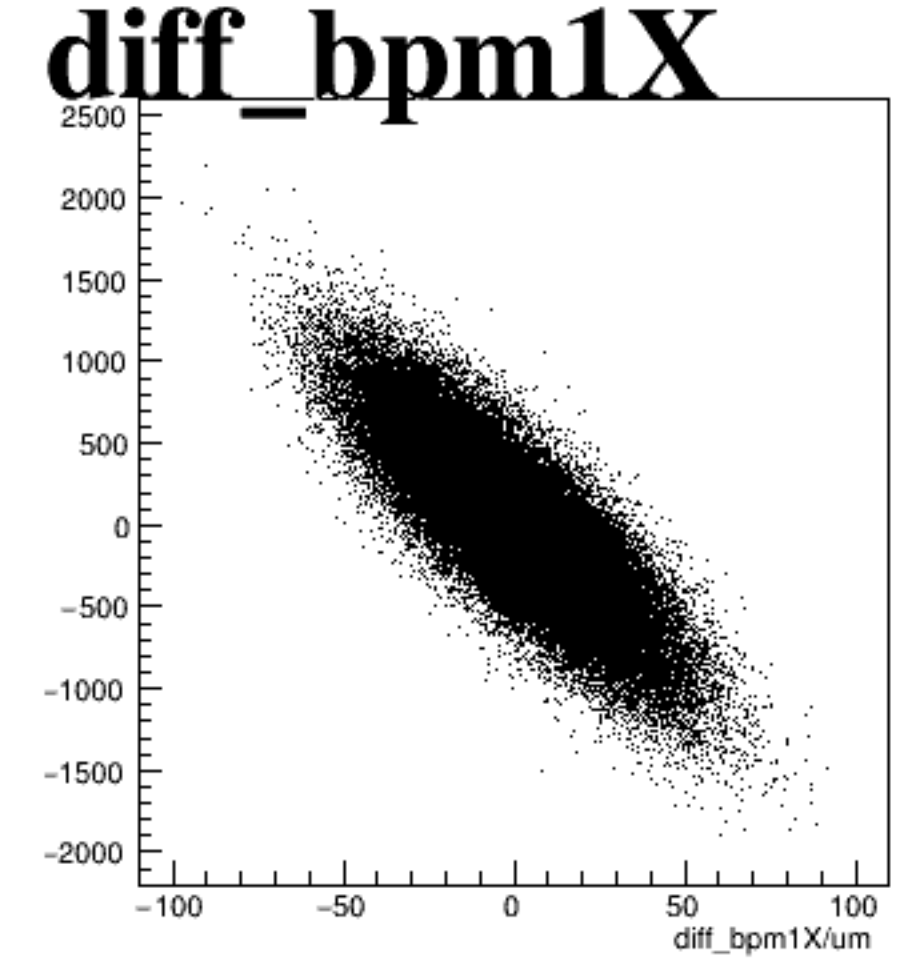
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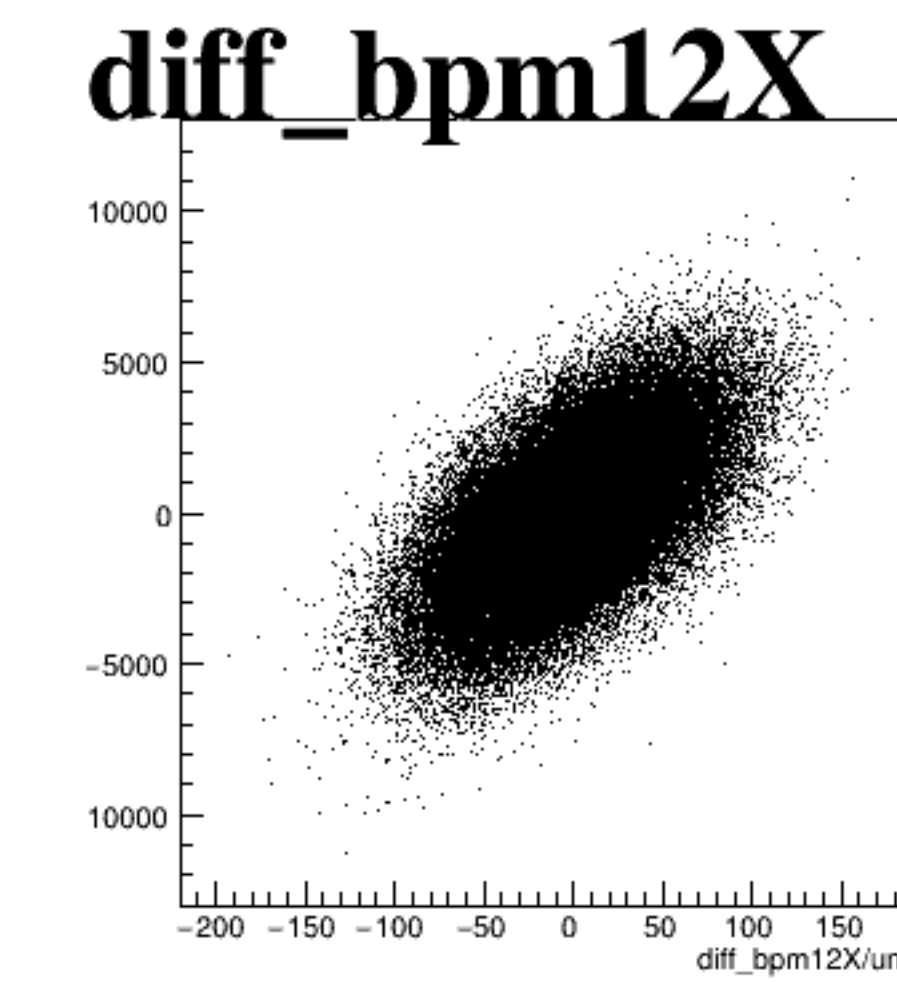
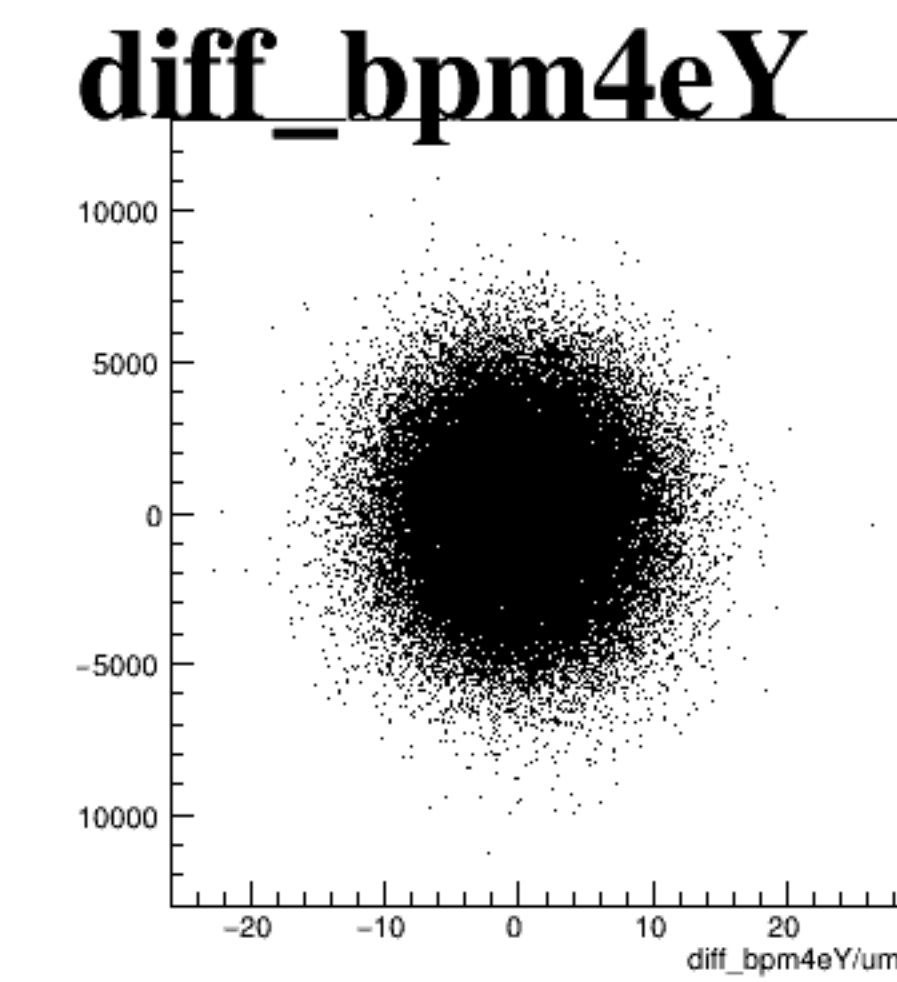
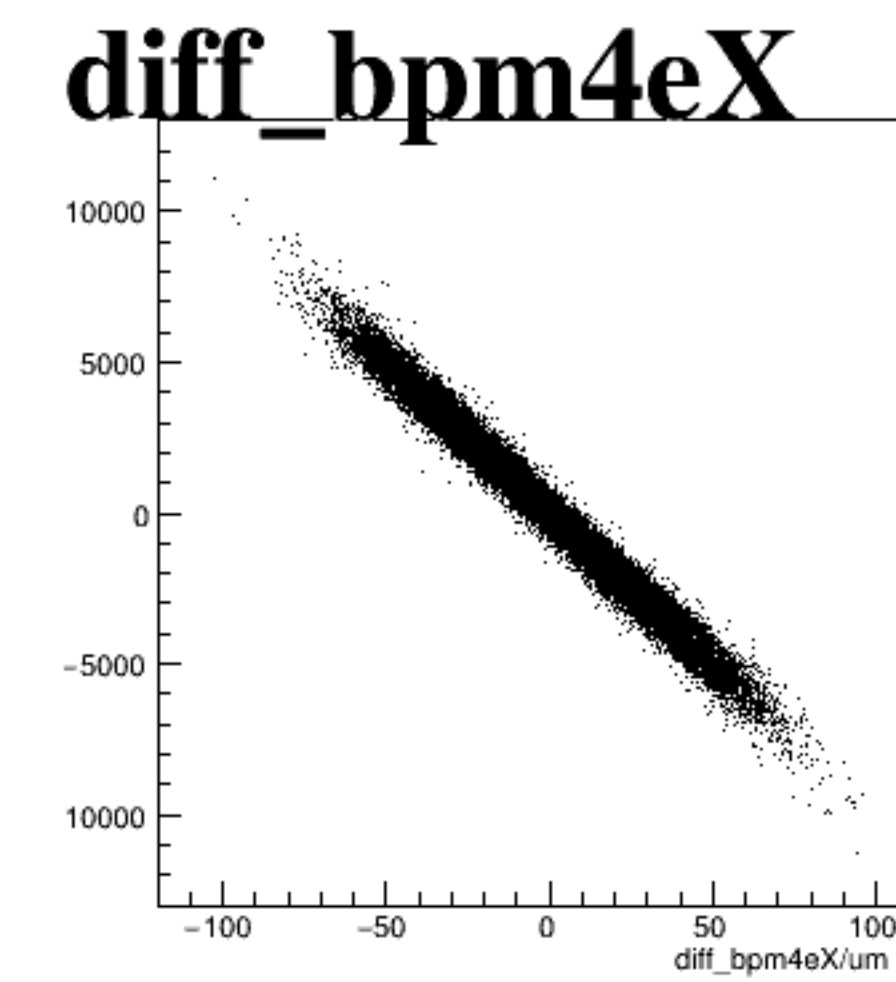
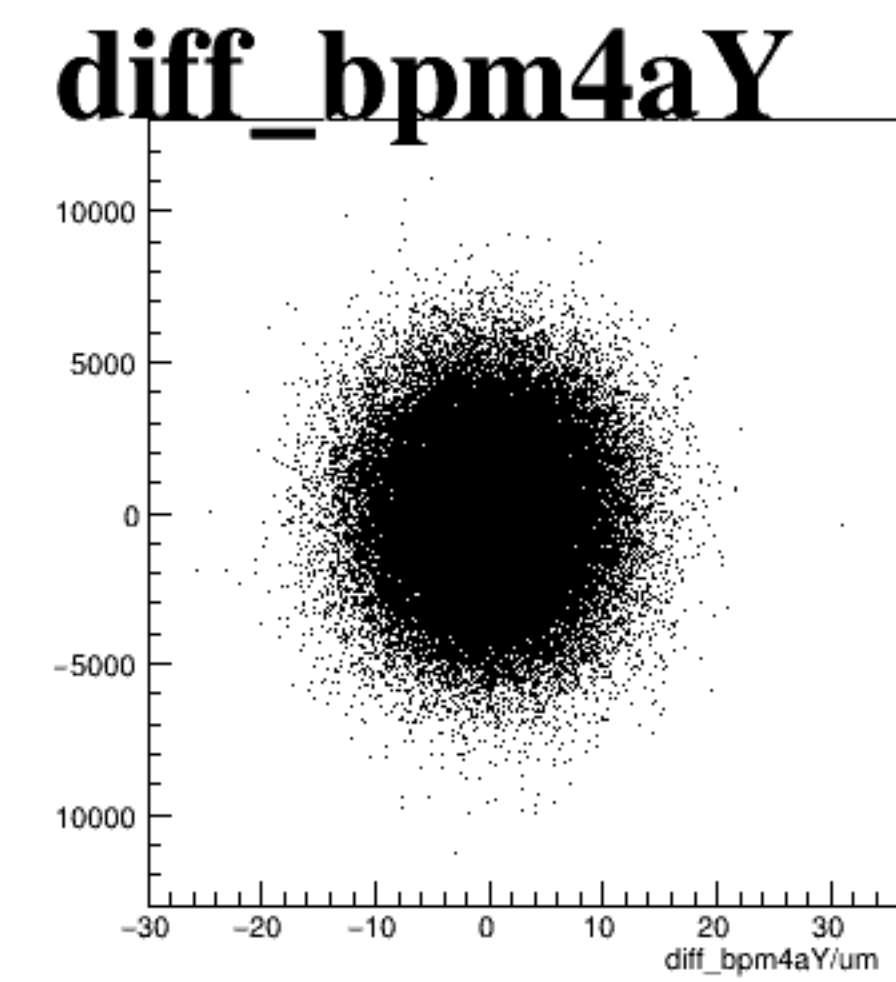
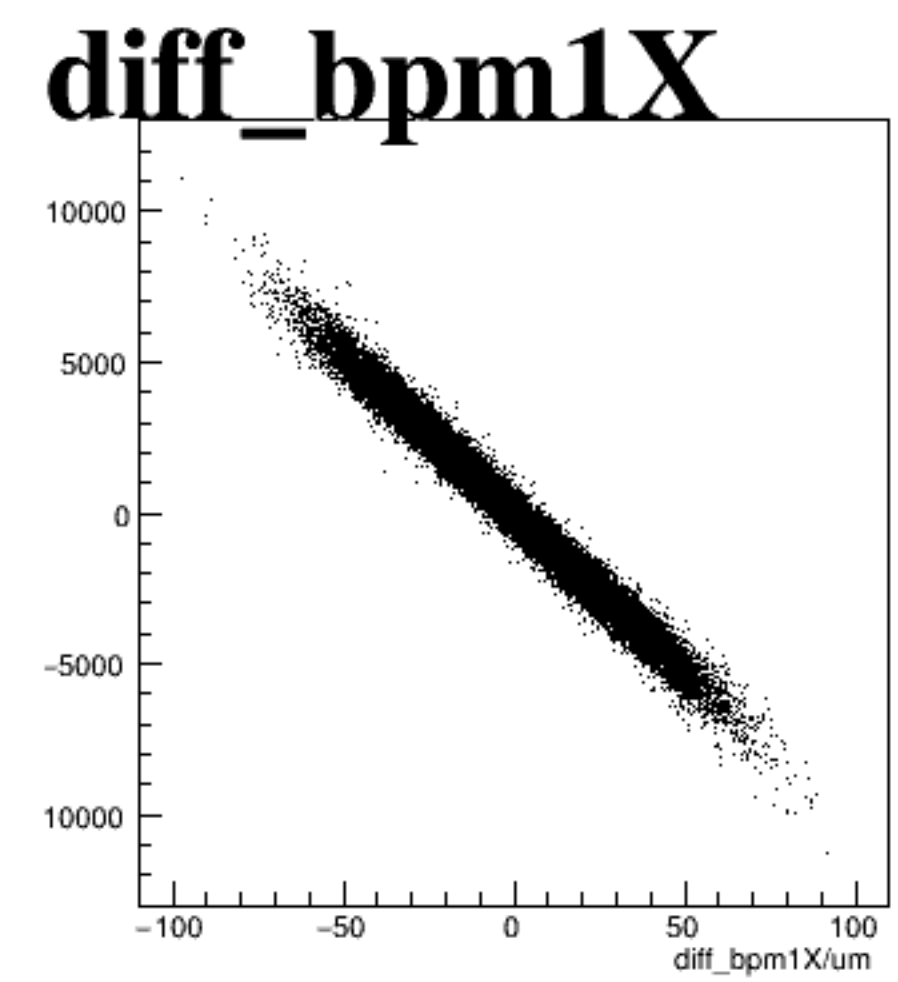
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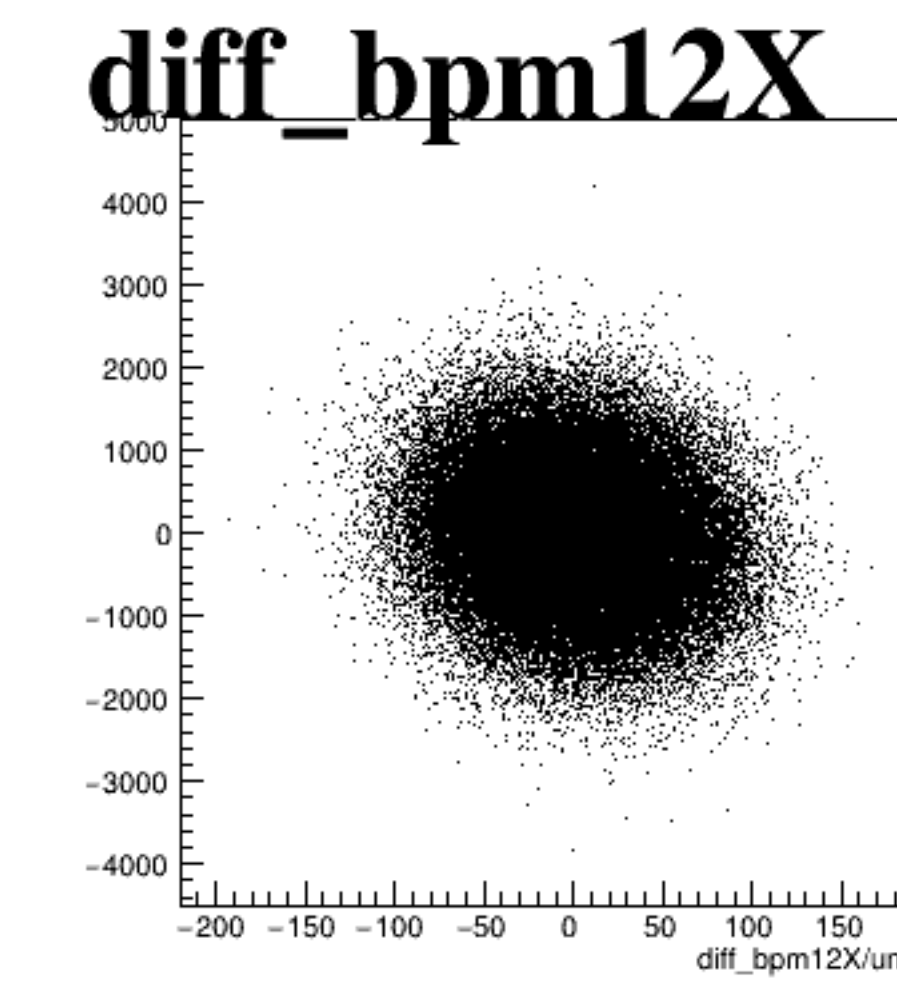
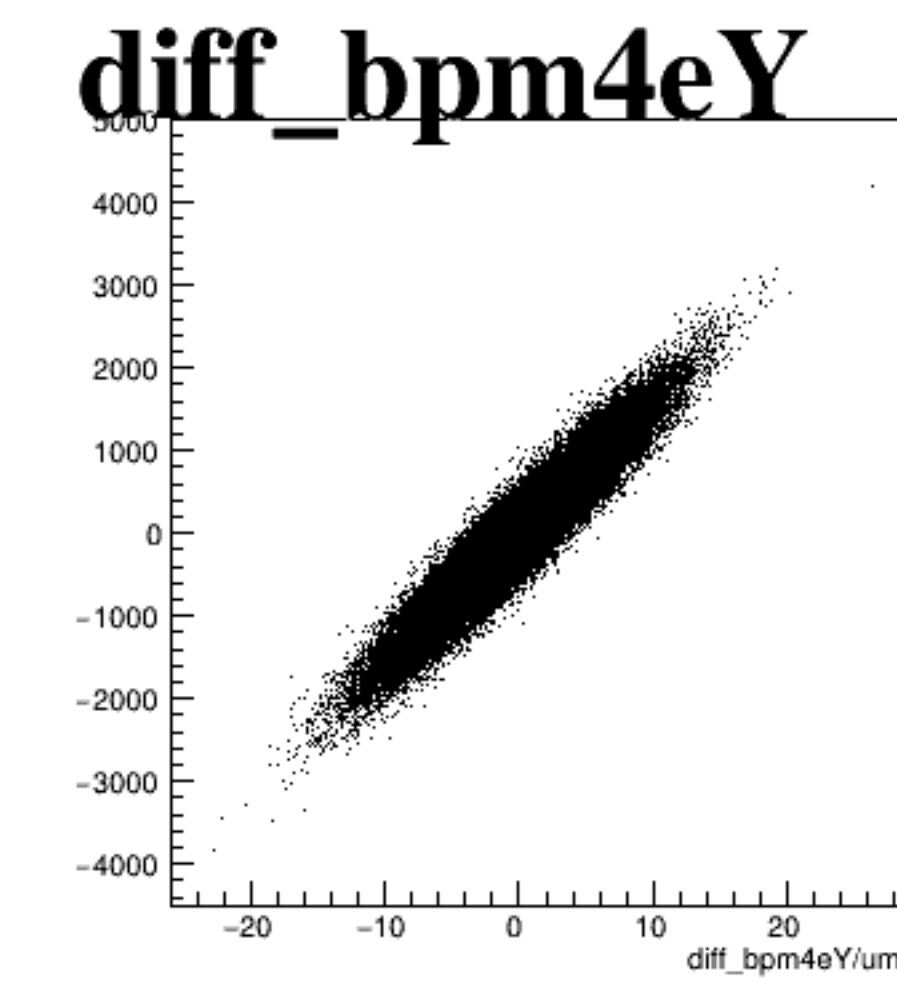
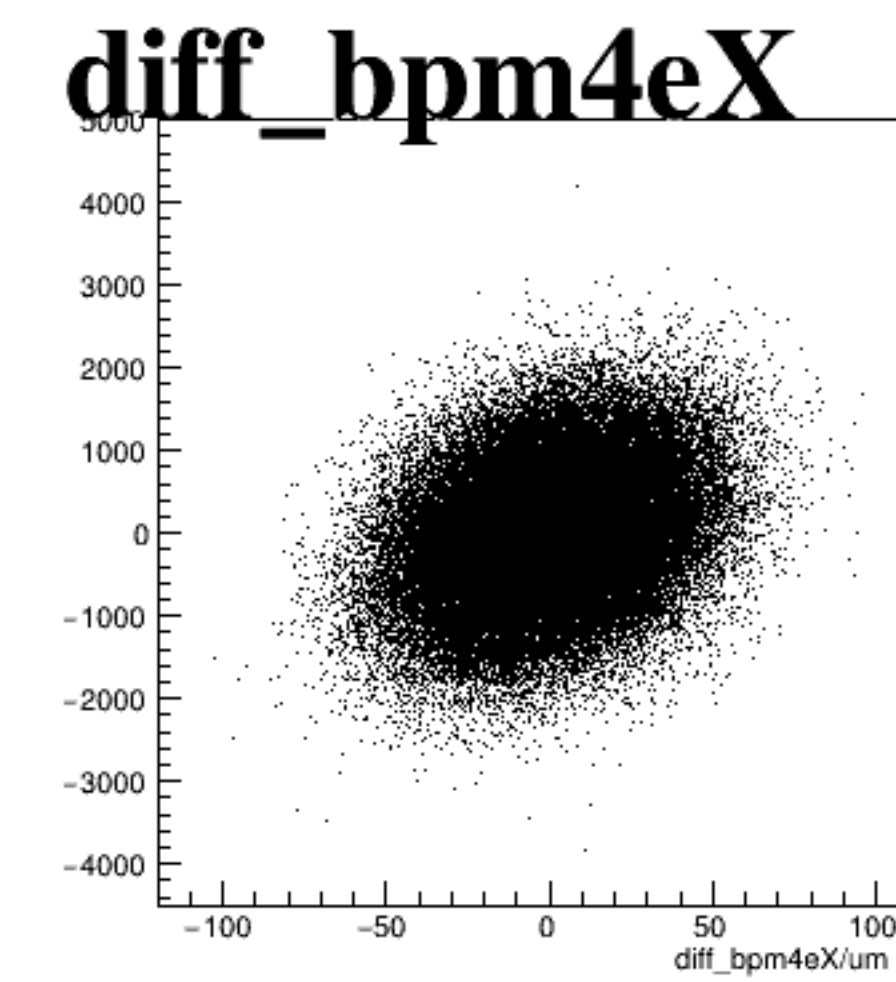
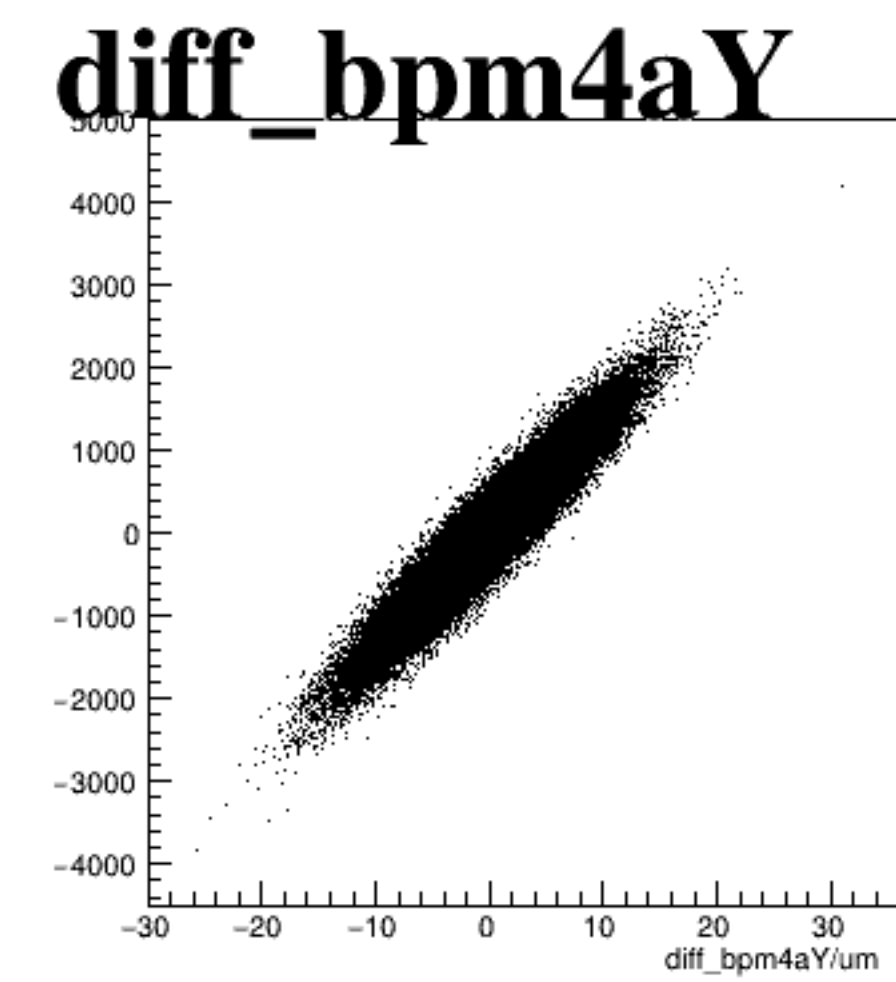
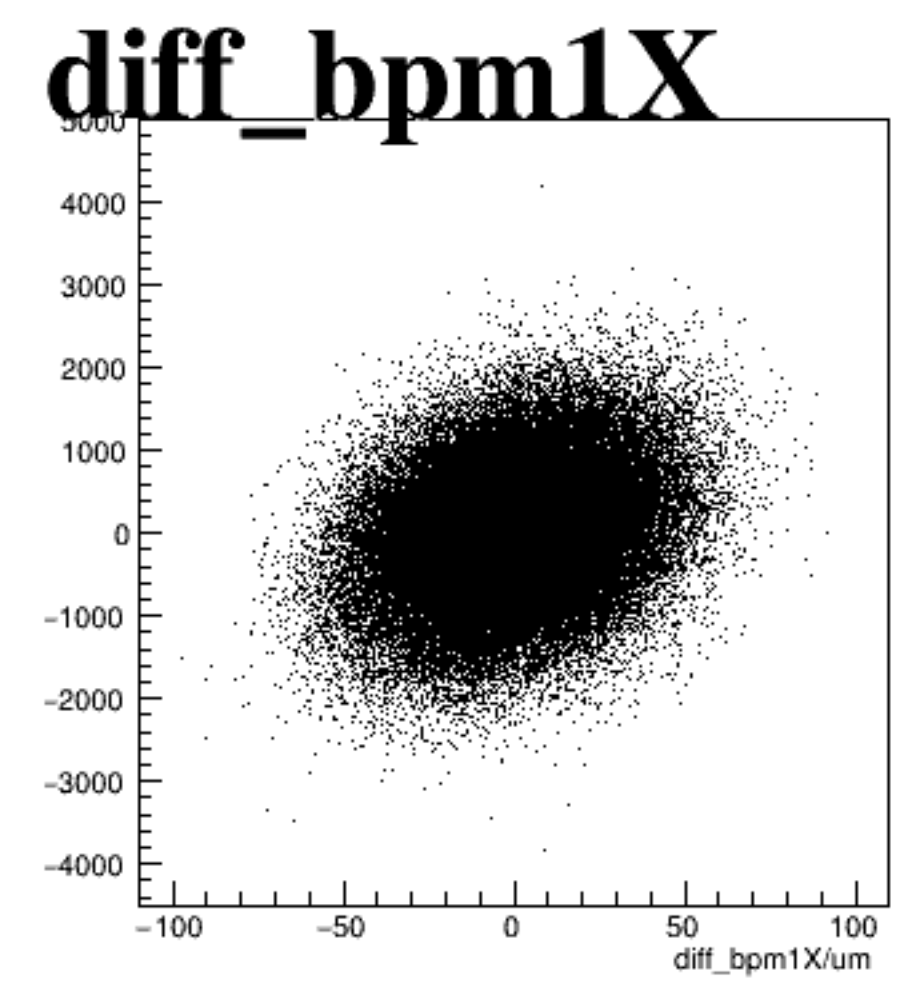
asym_sam1



asym_sam3



asym_sam5



asym_sam7

