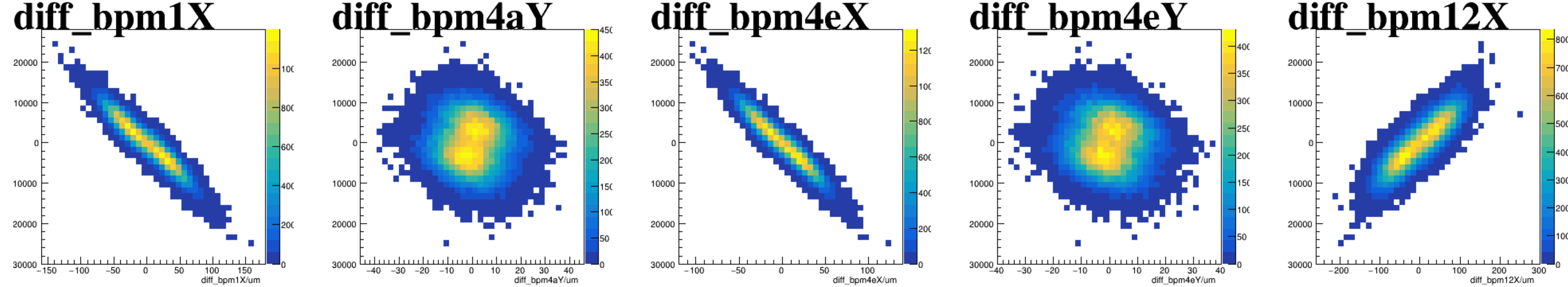
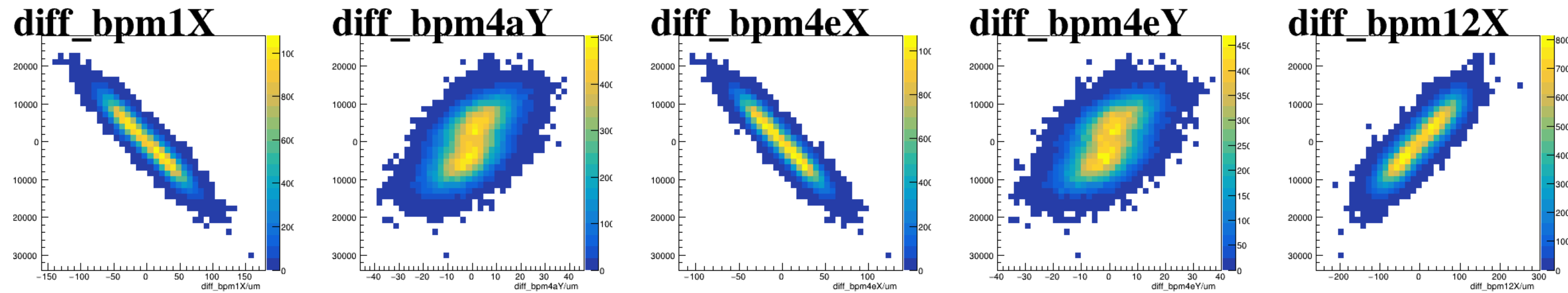


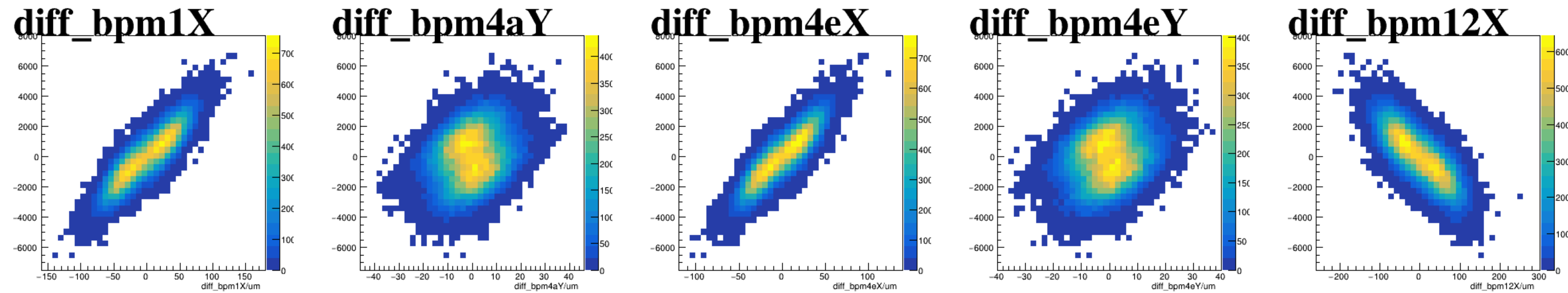
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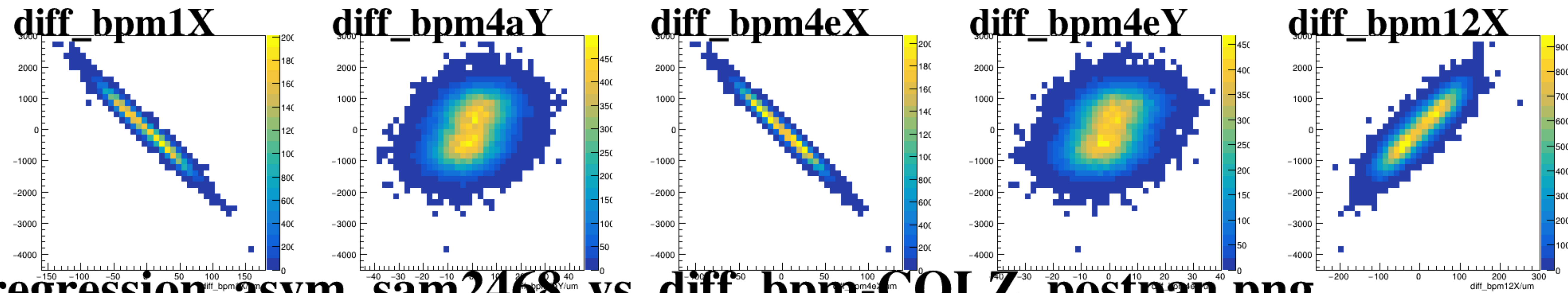
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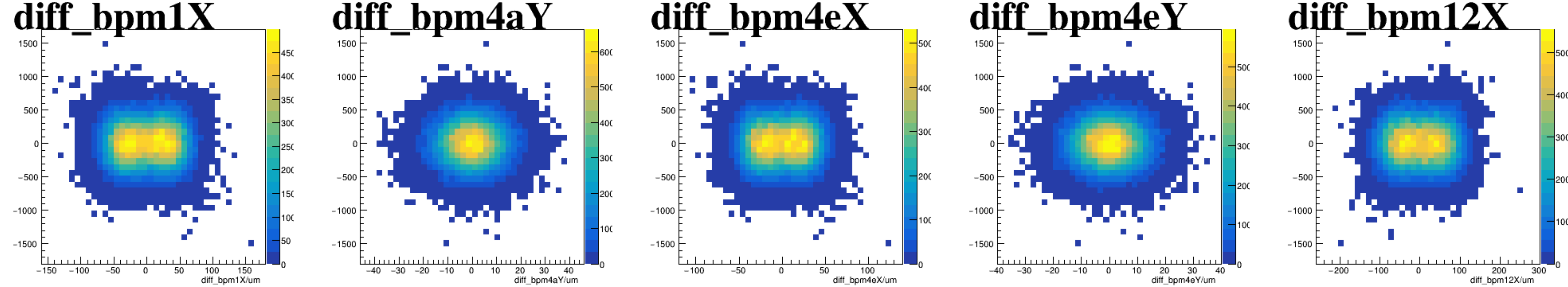
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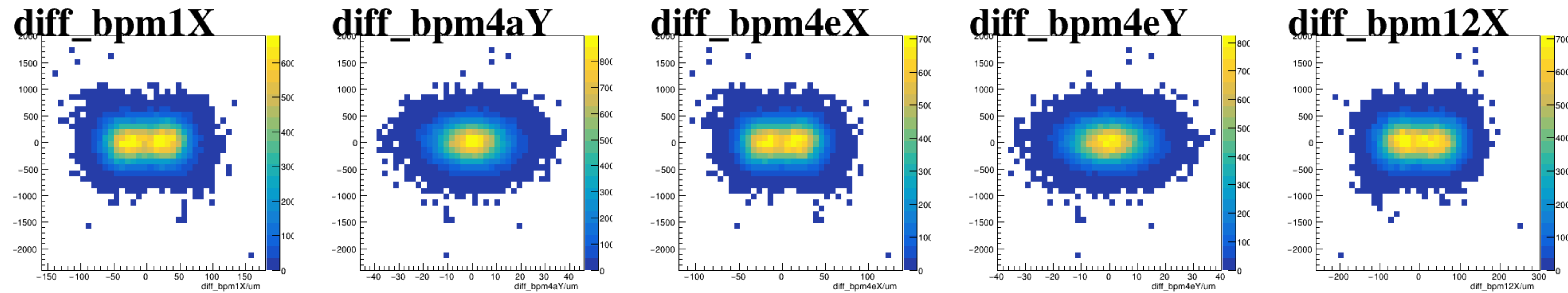
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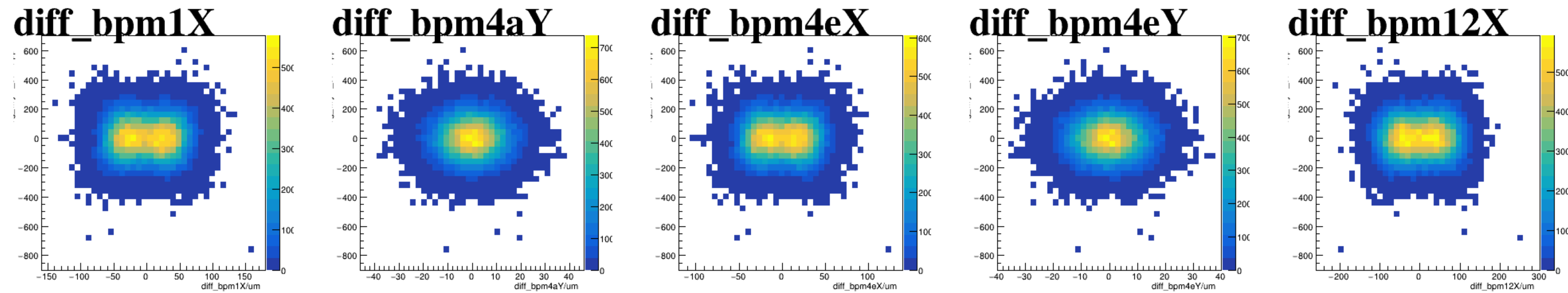
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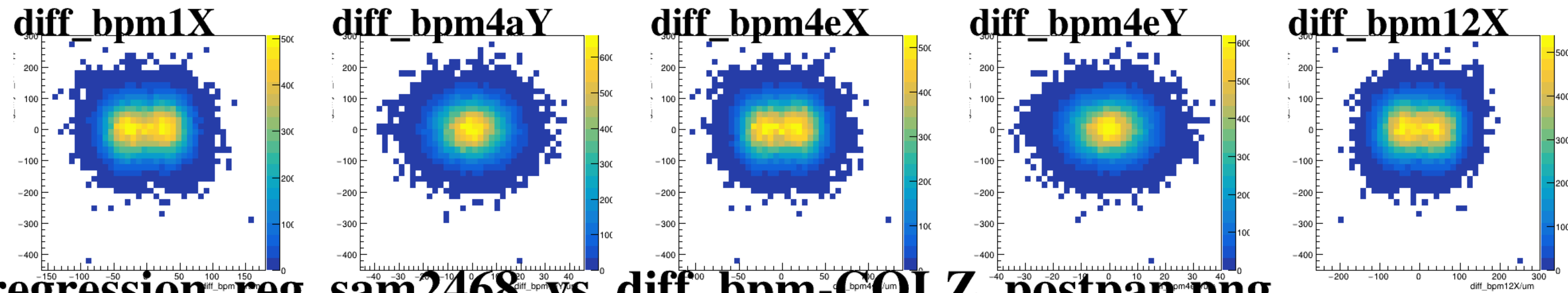
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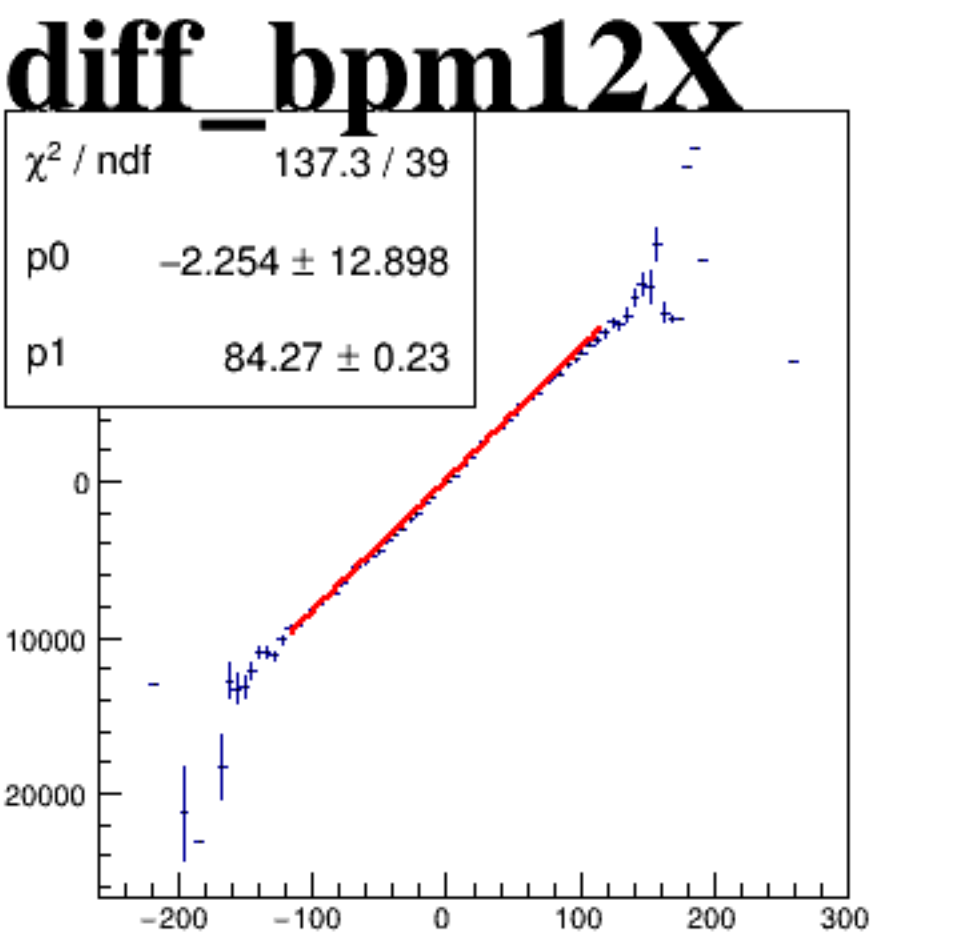
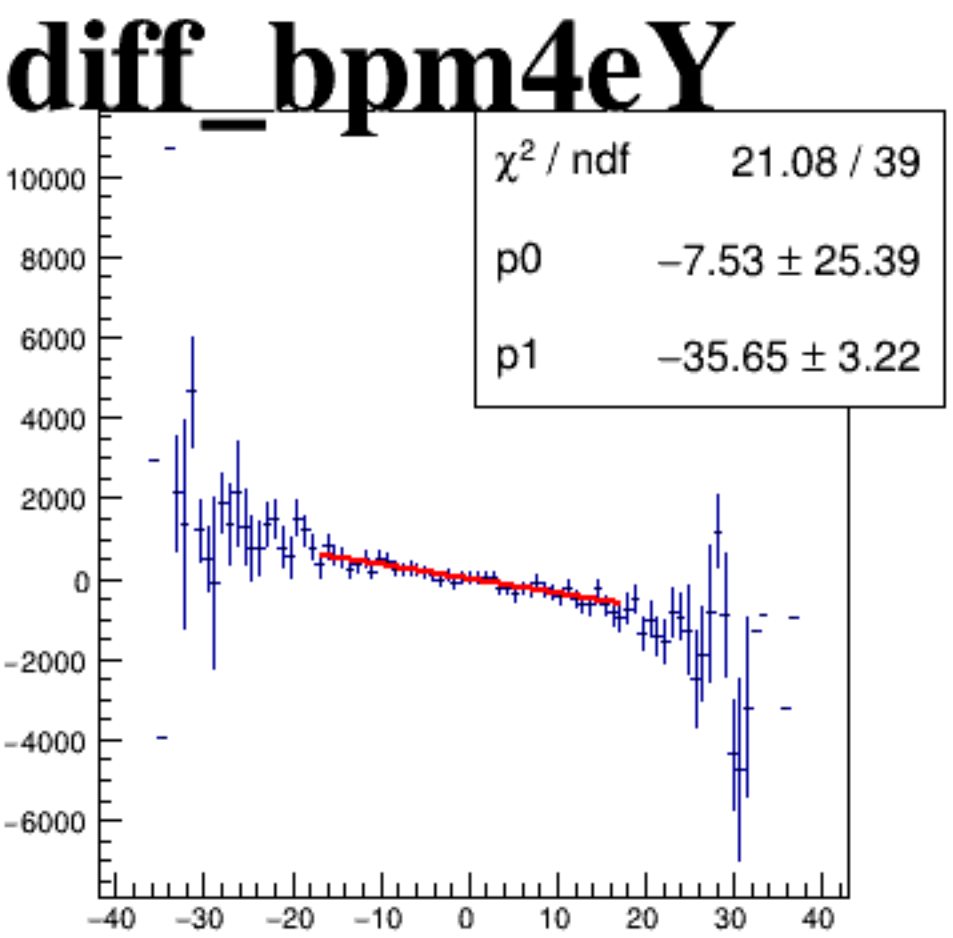
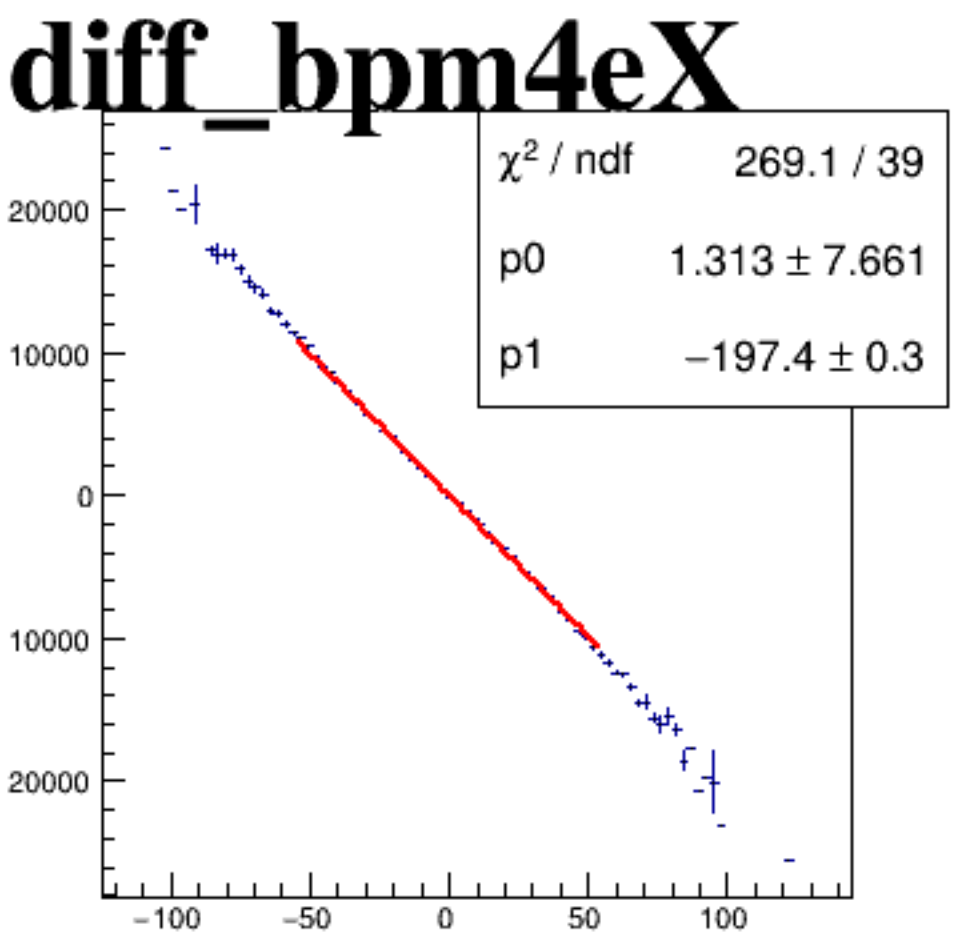
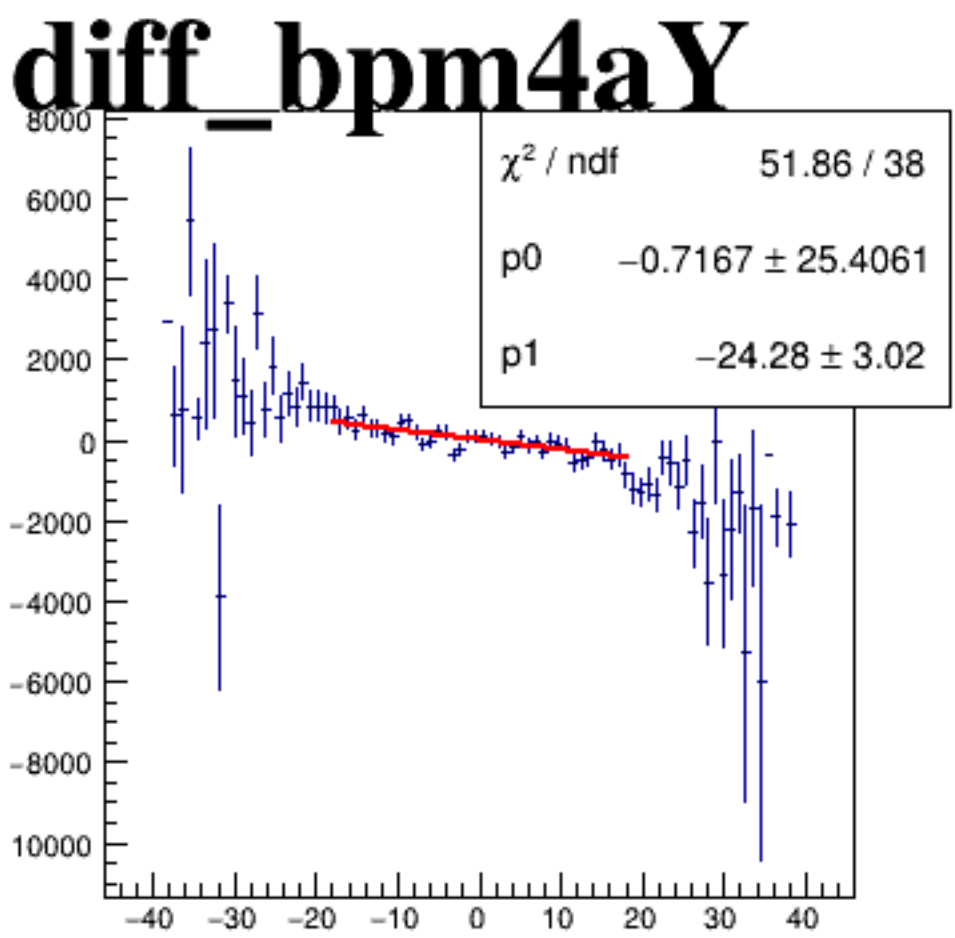
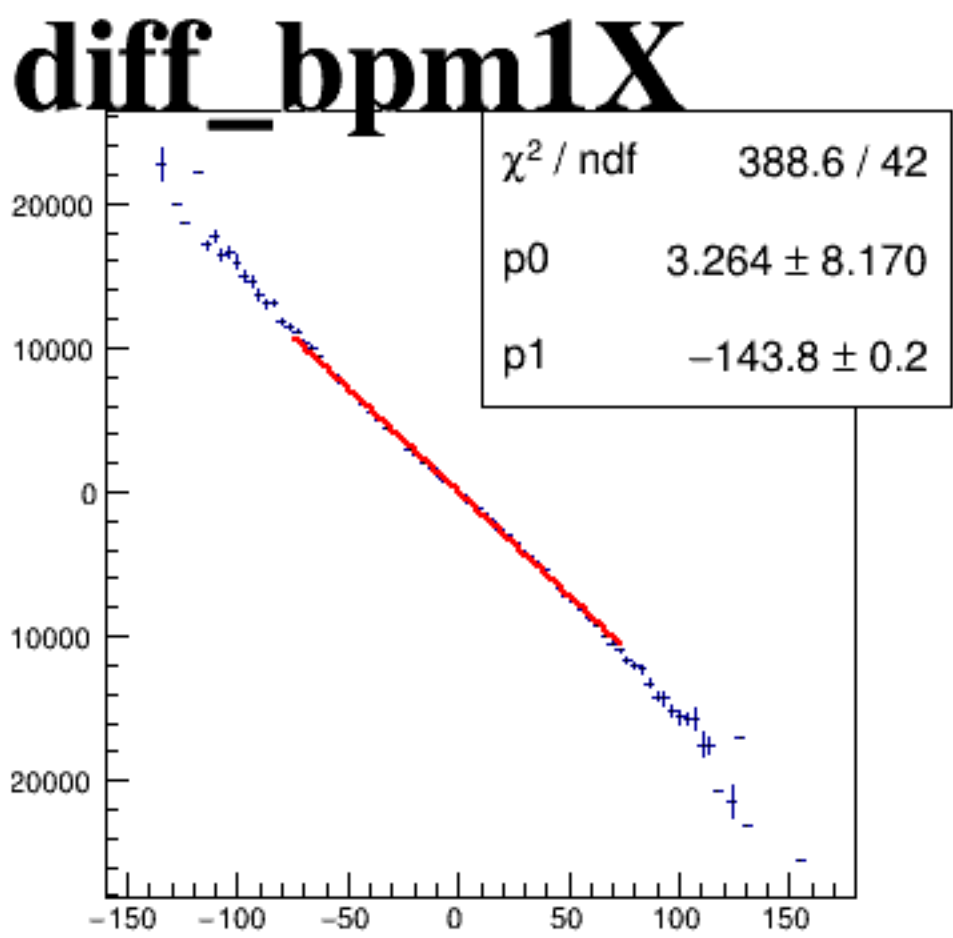
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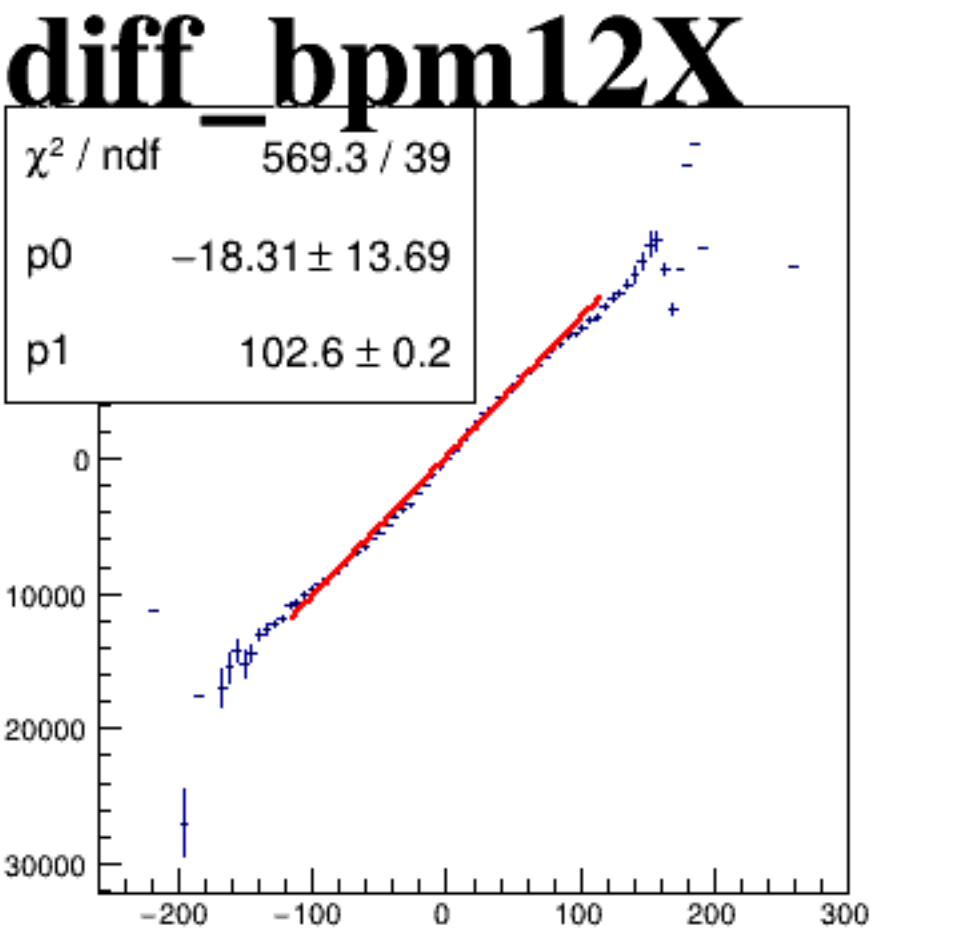
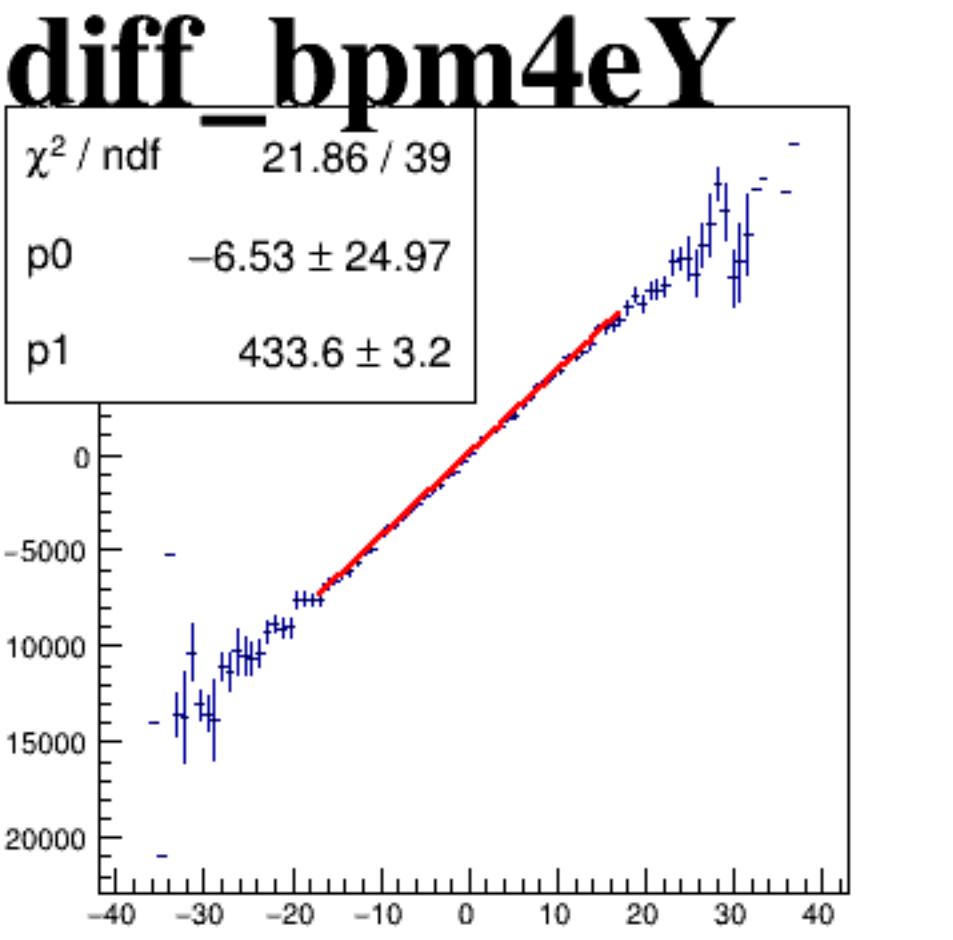
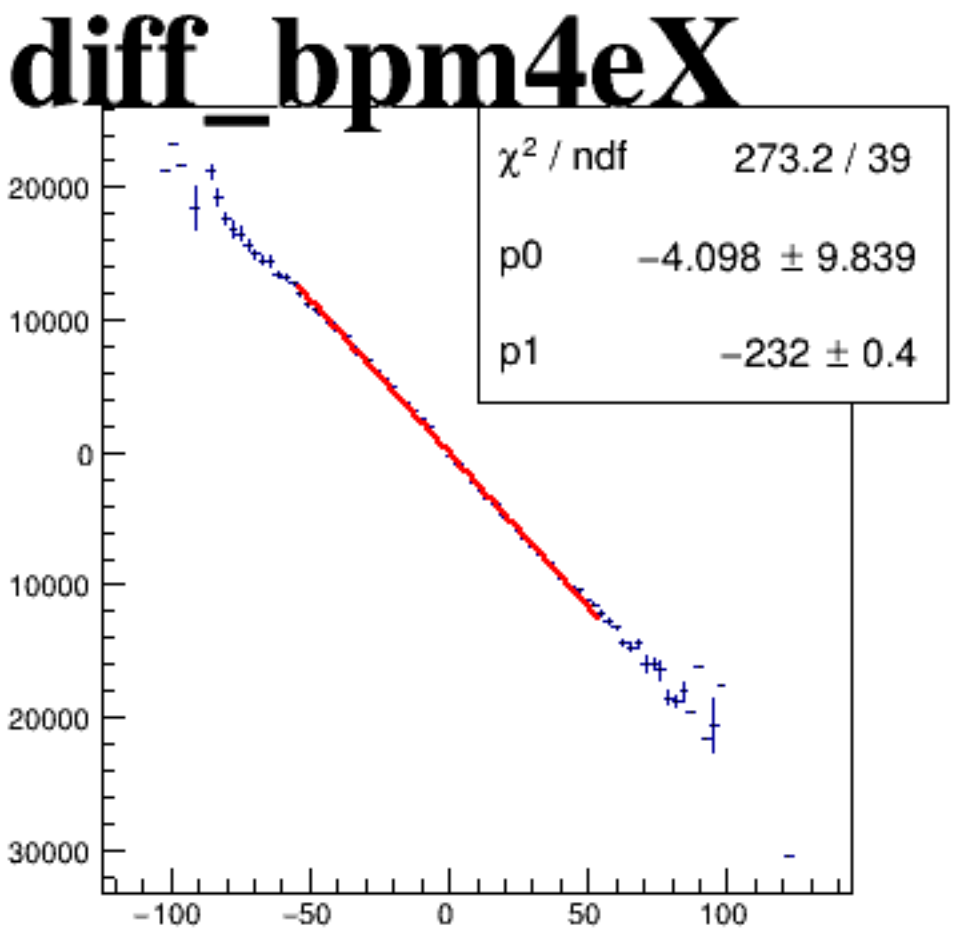
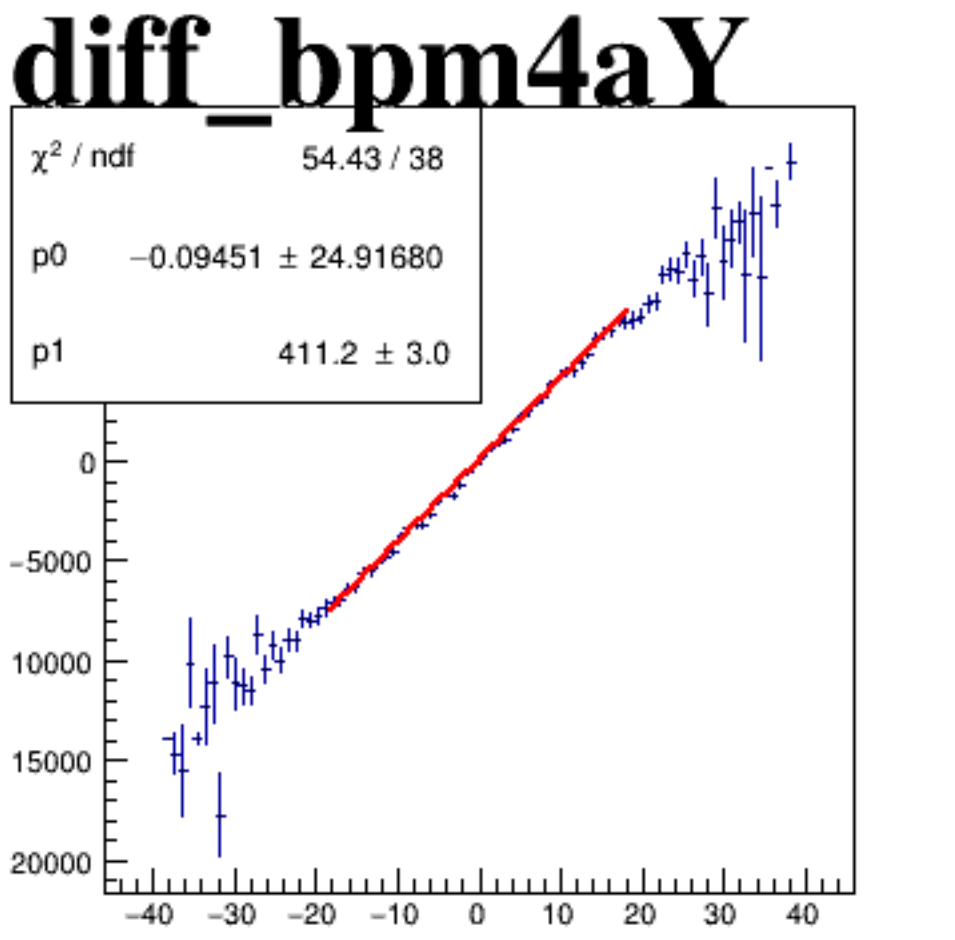
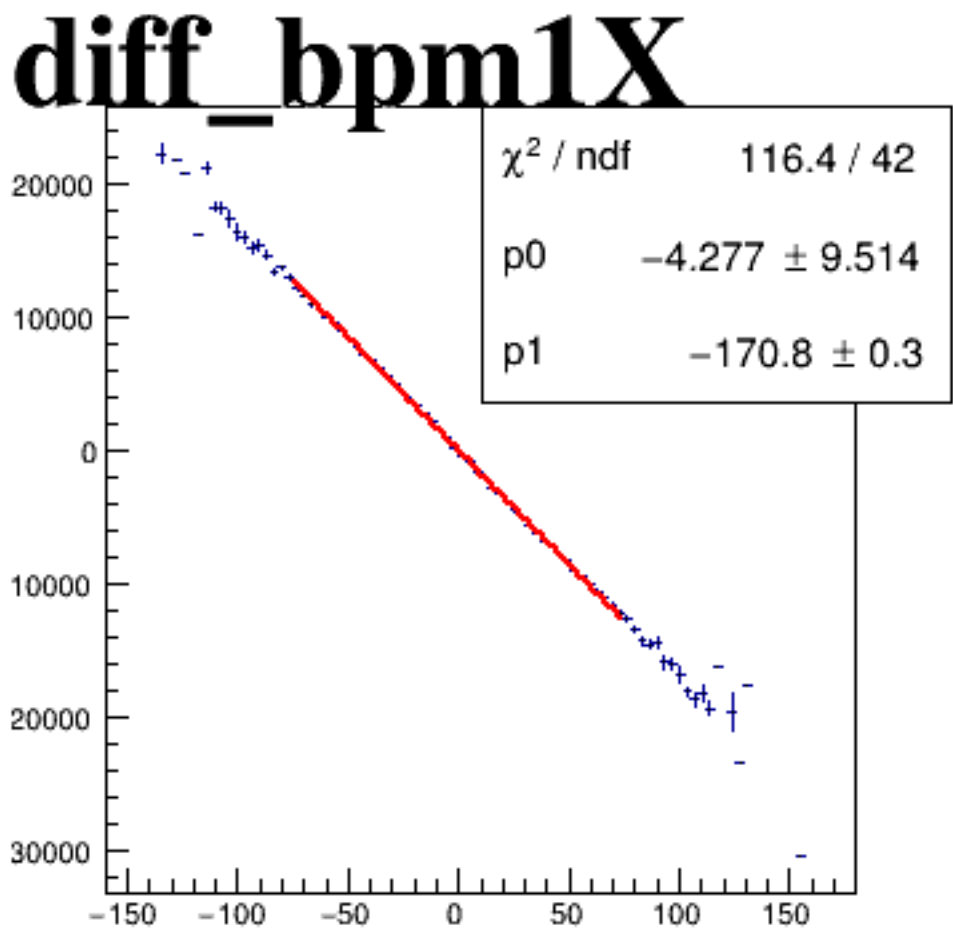
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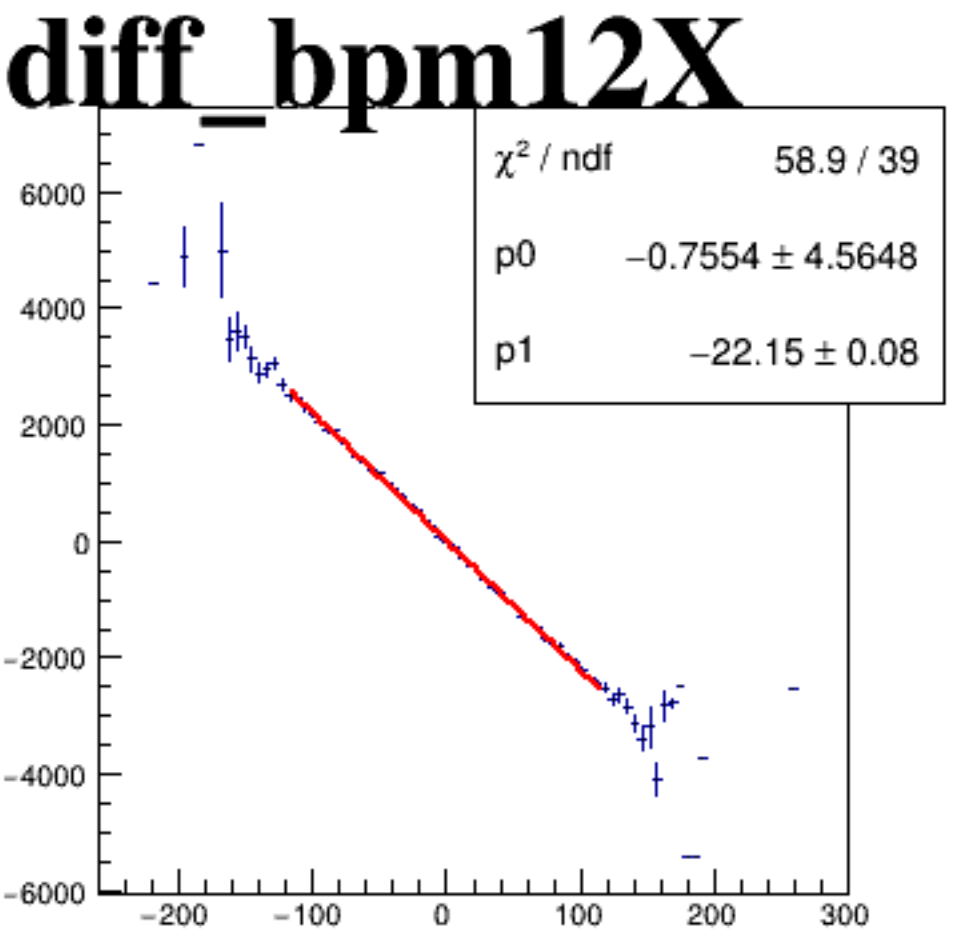
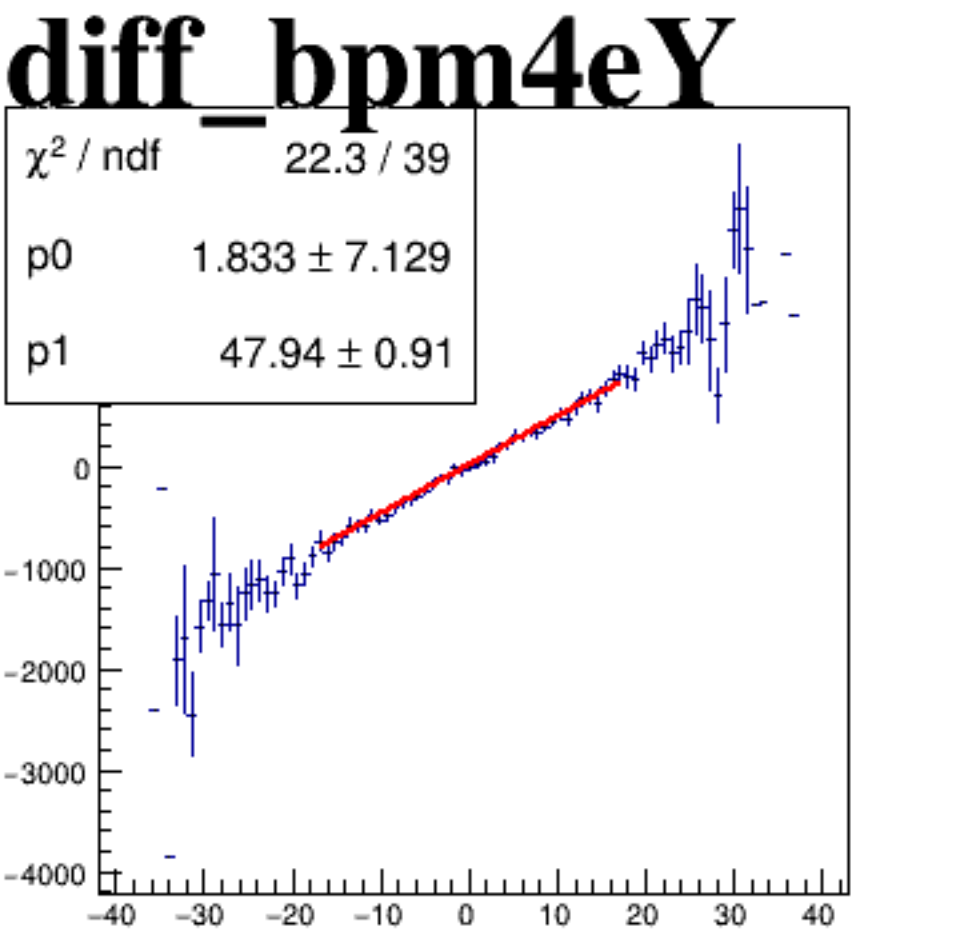
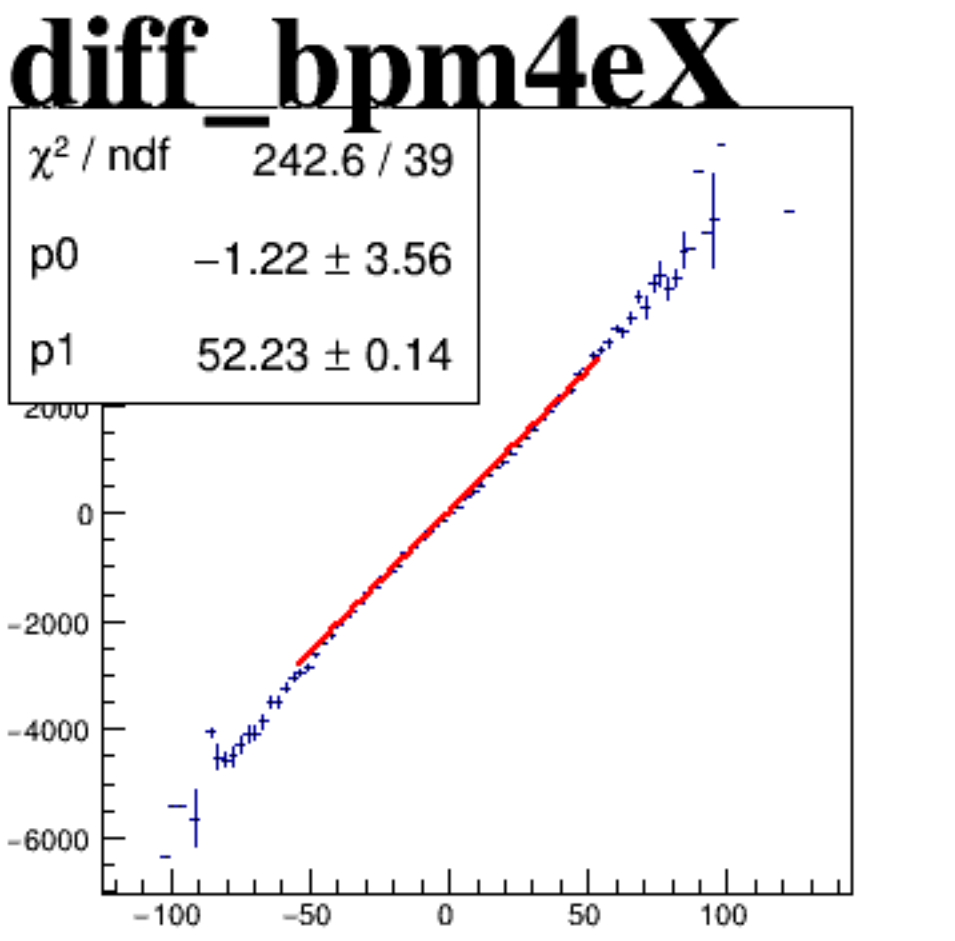
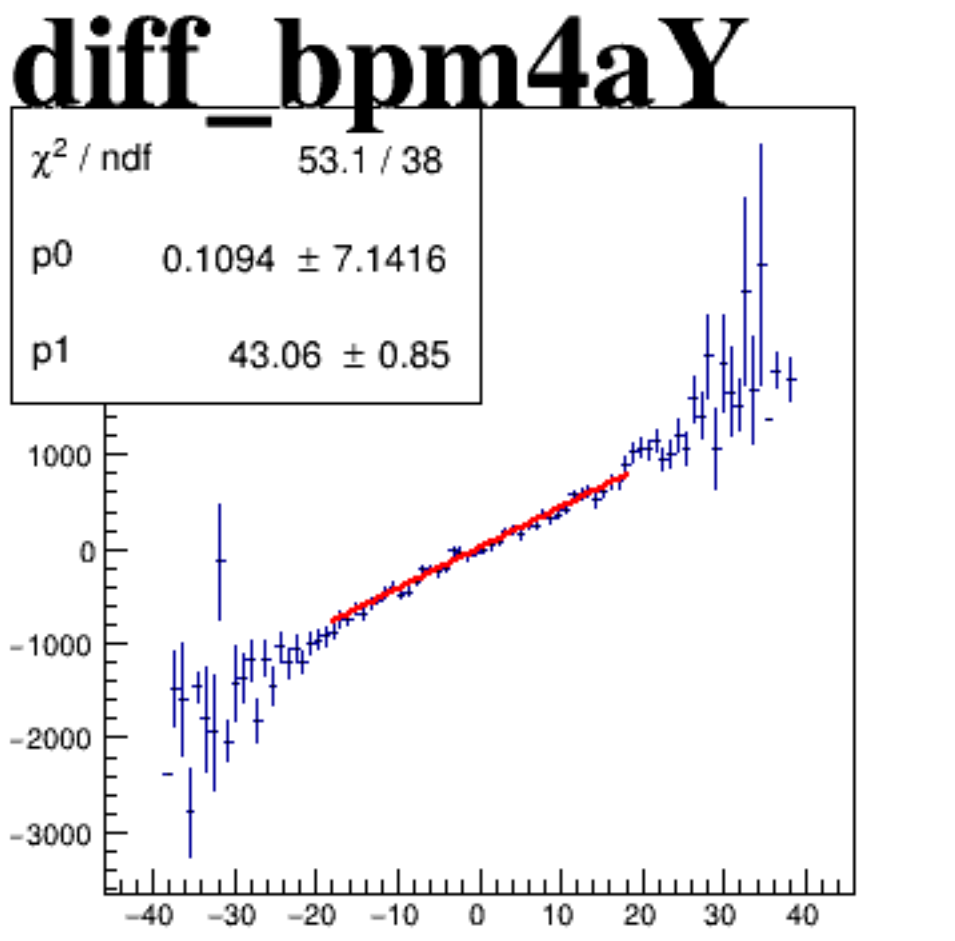
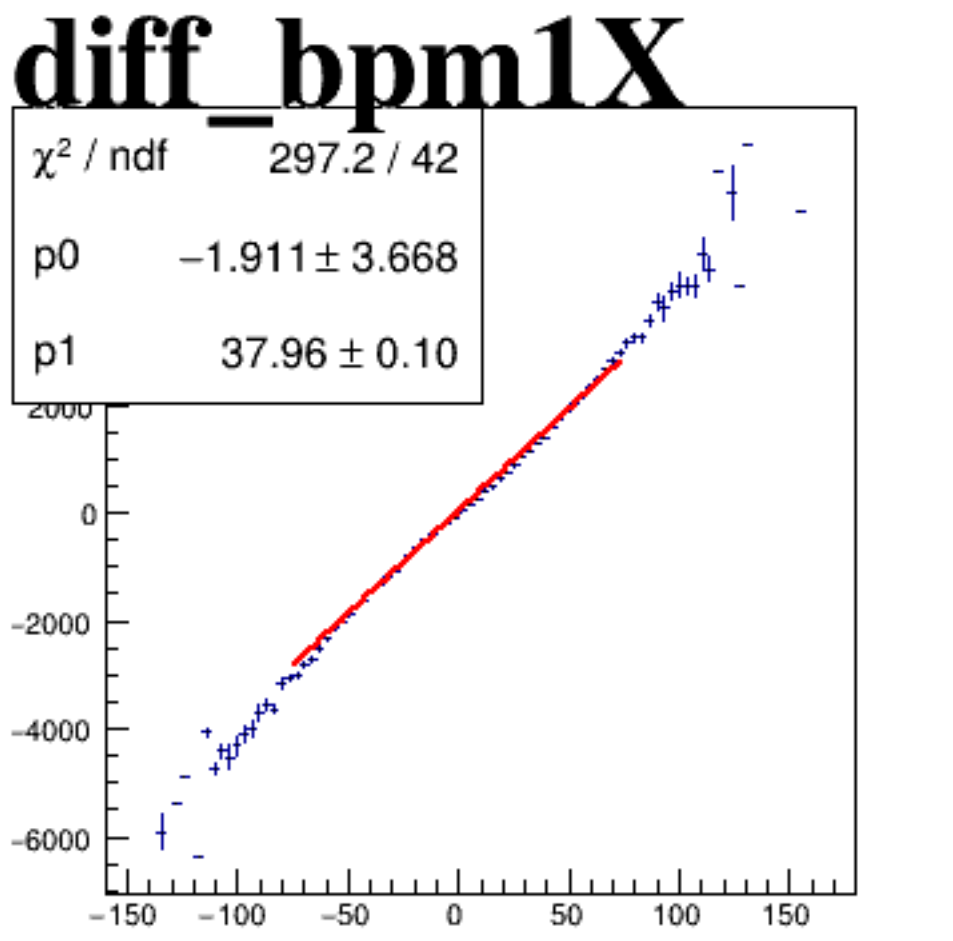
asym_sam2



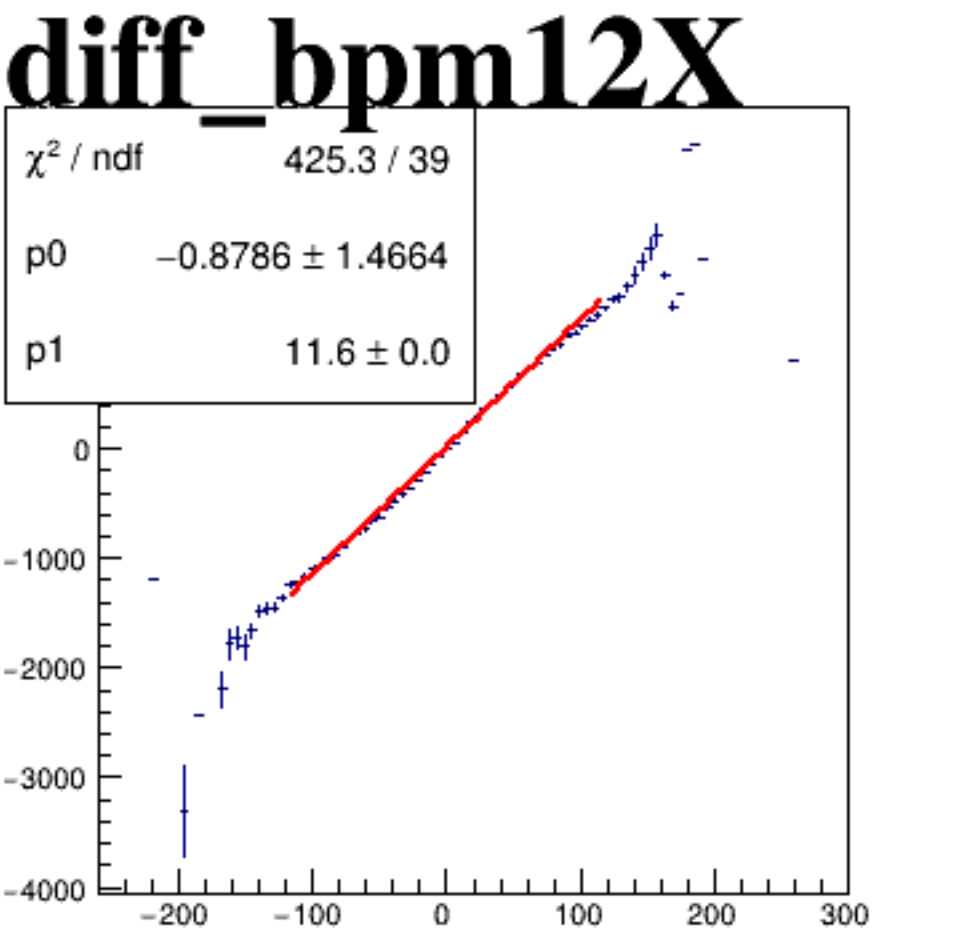
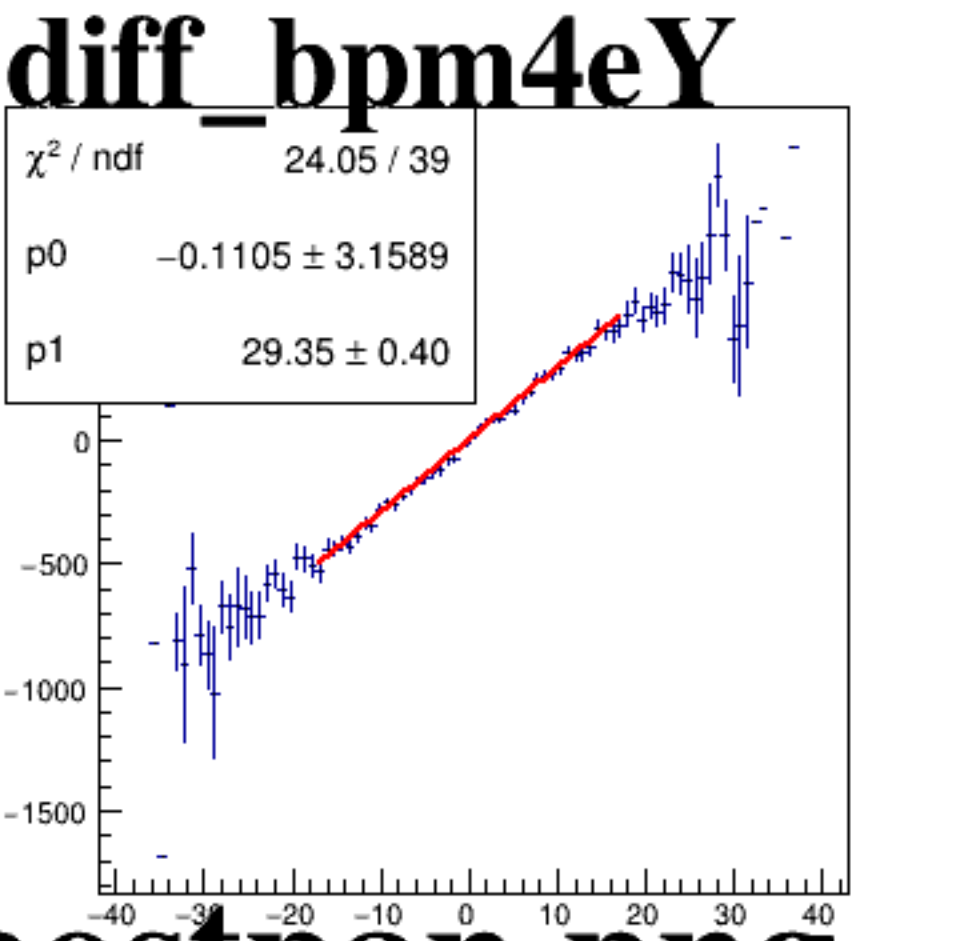
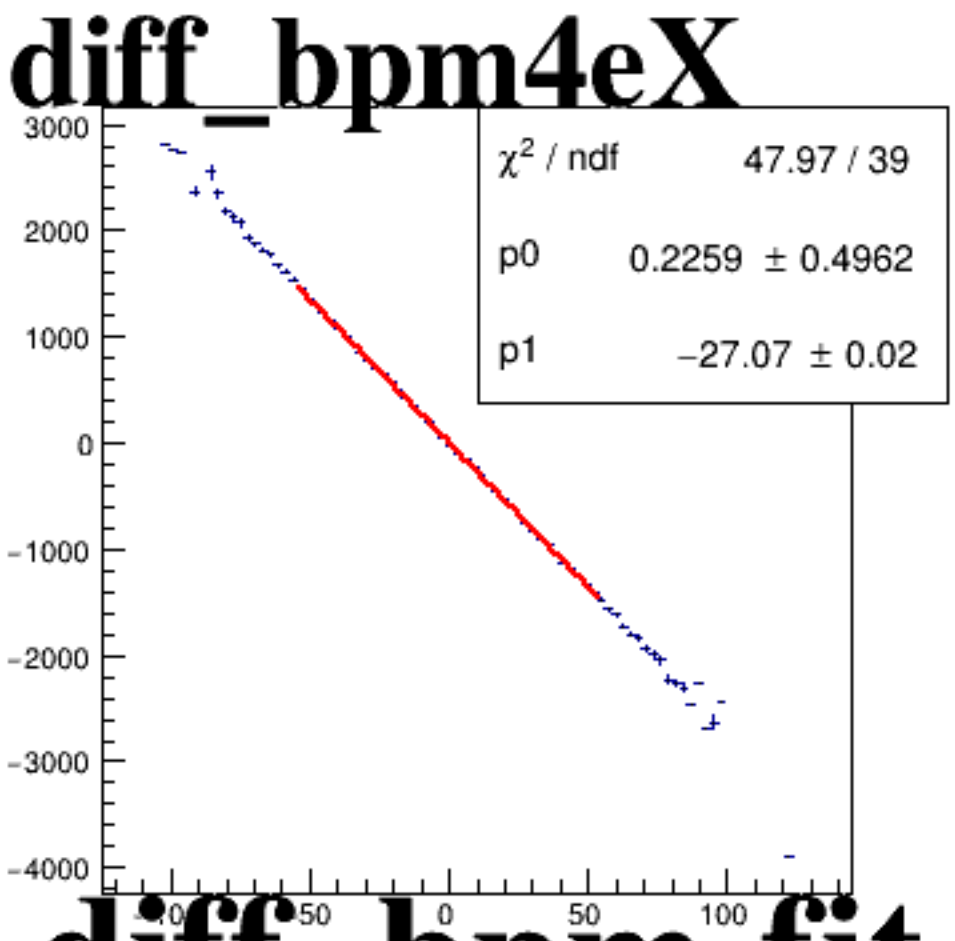
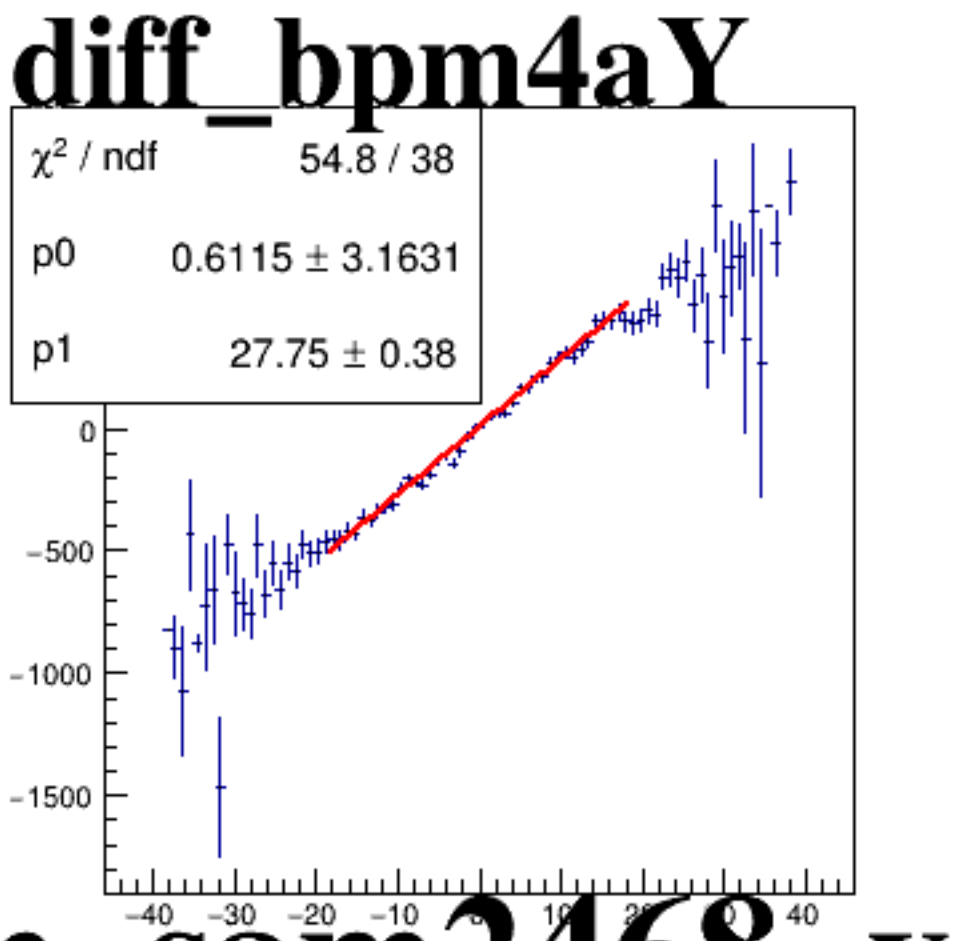
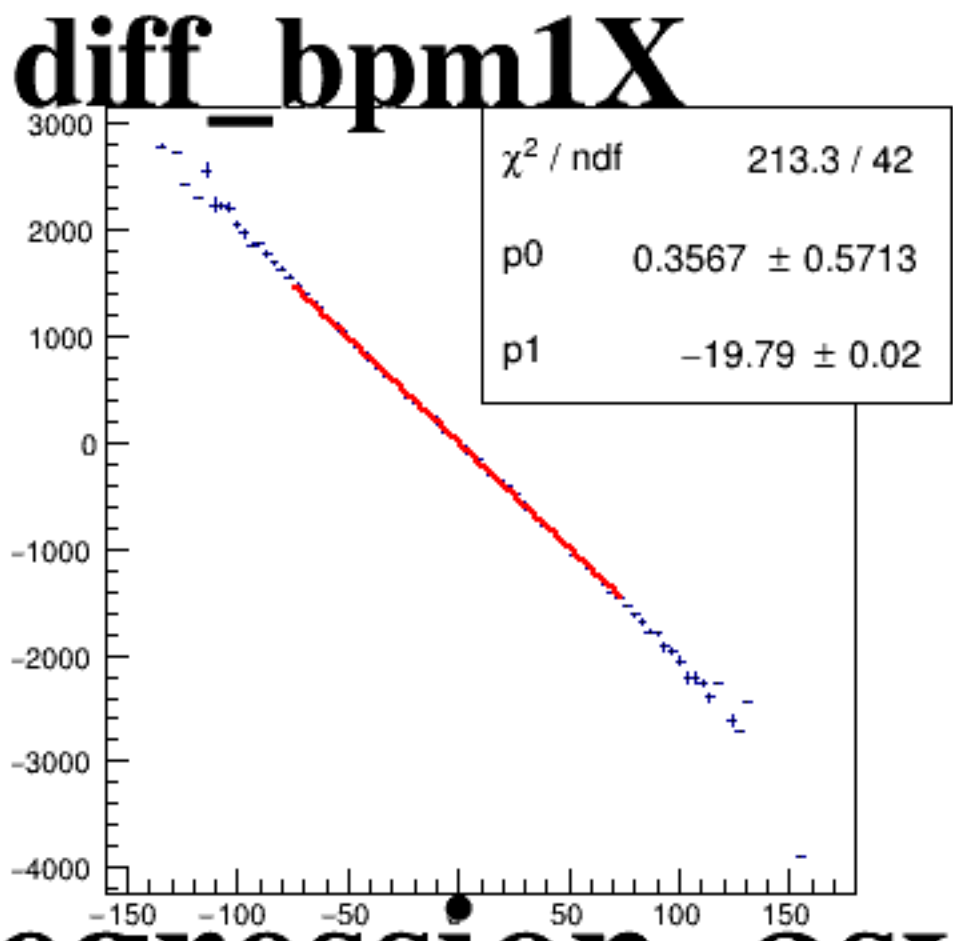
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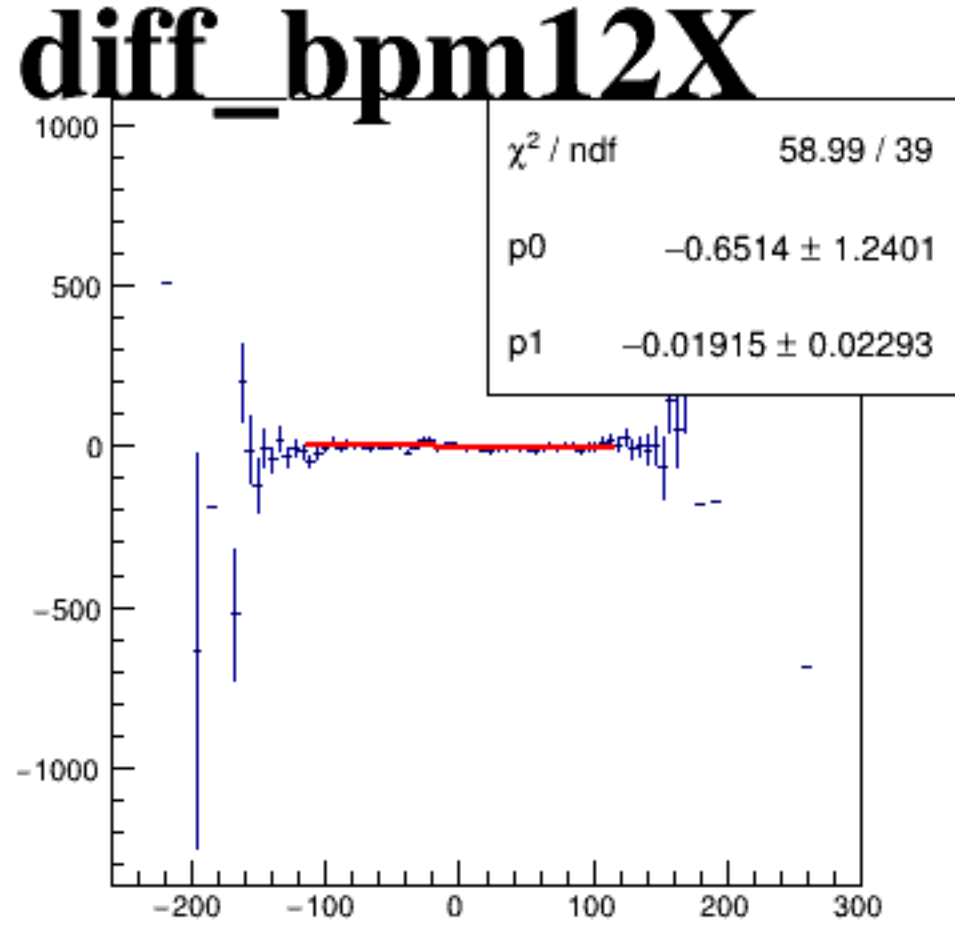
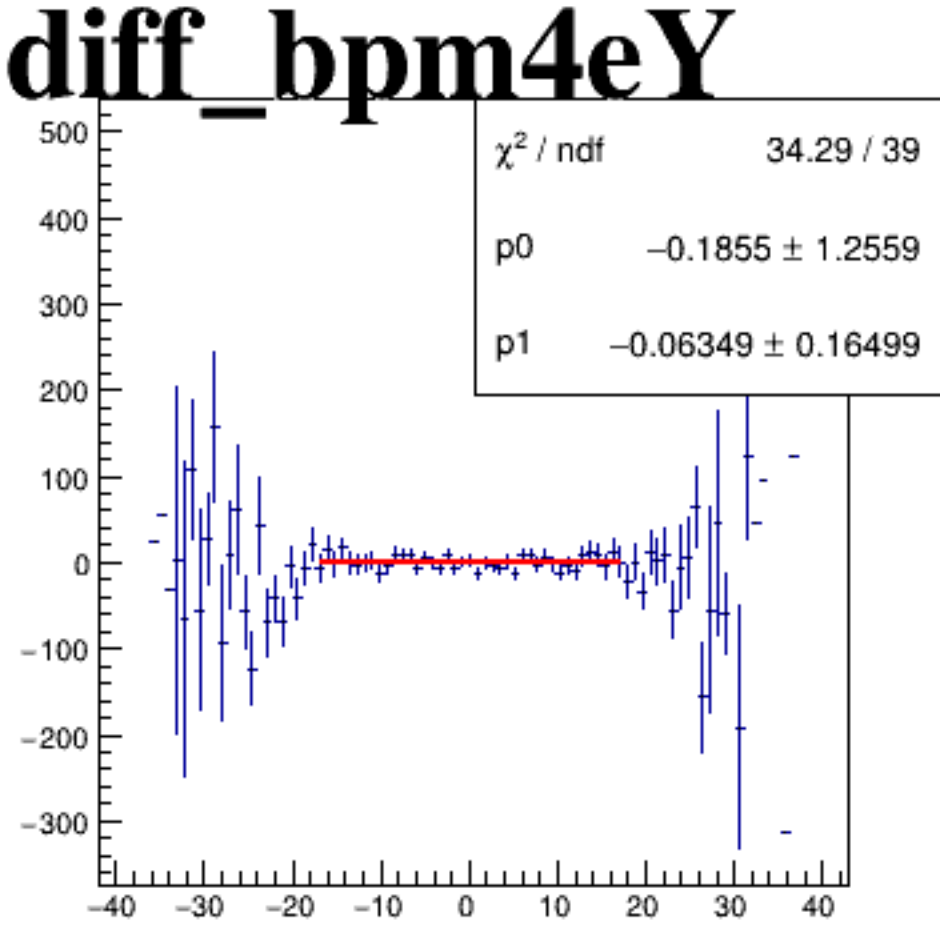
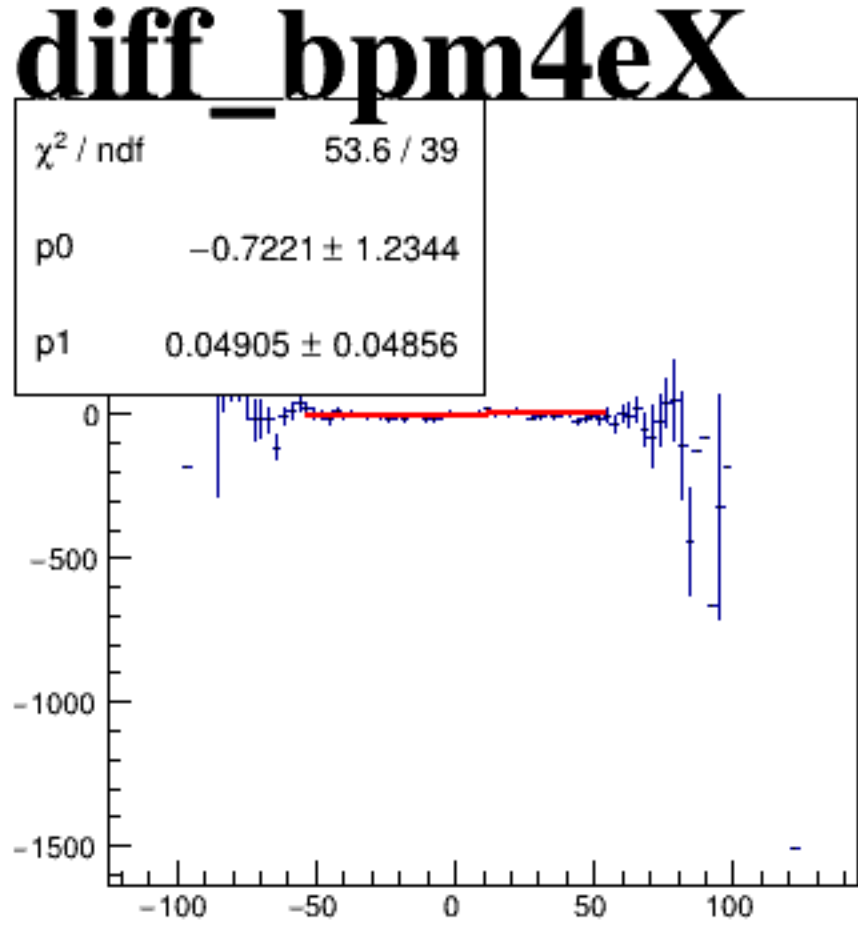
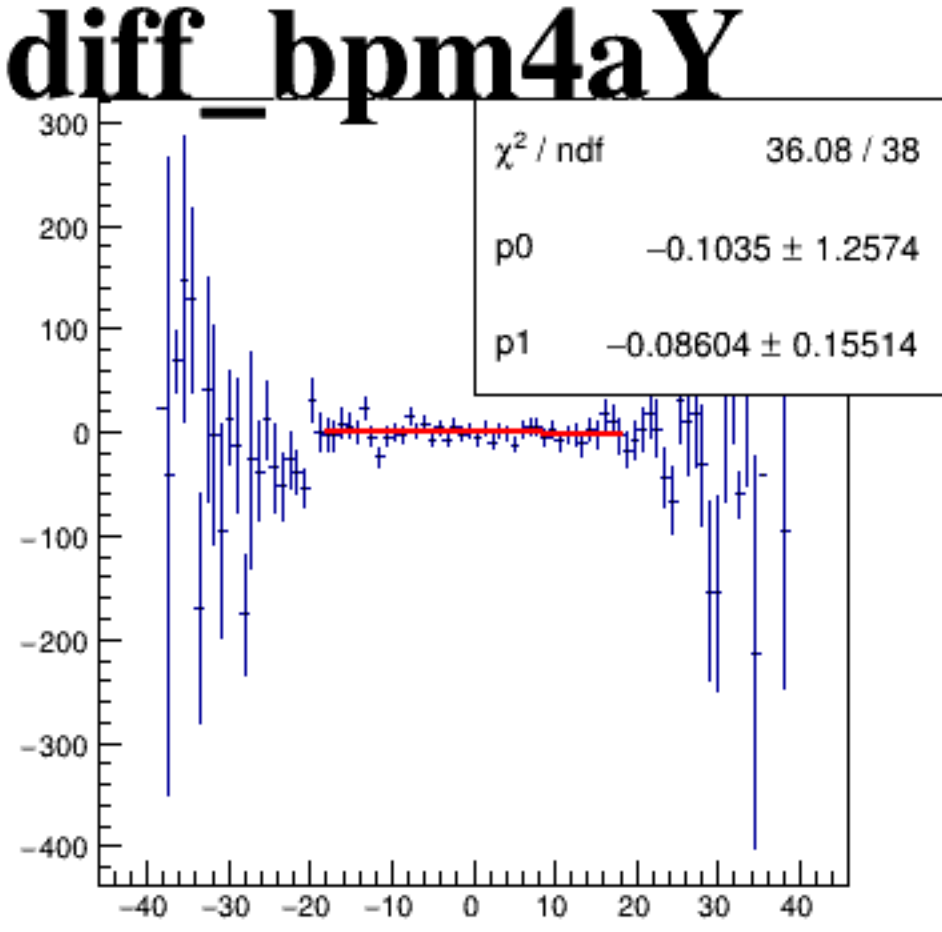
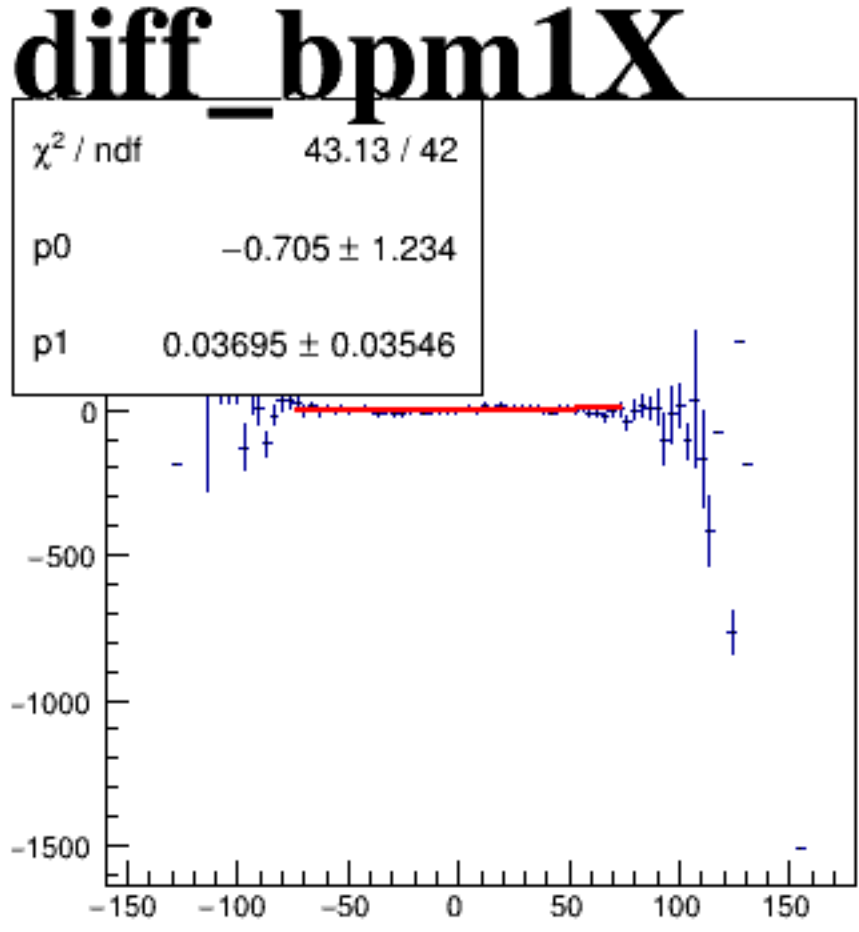
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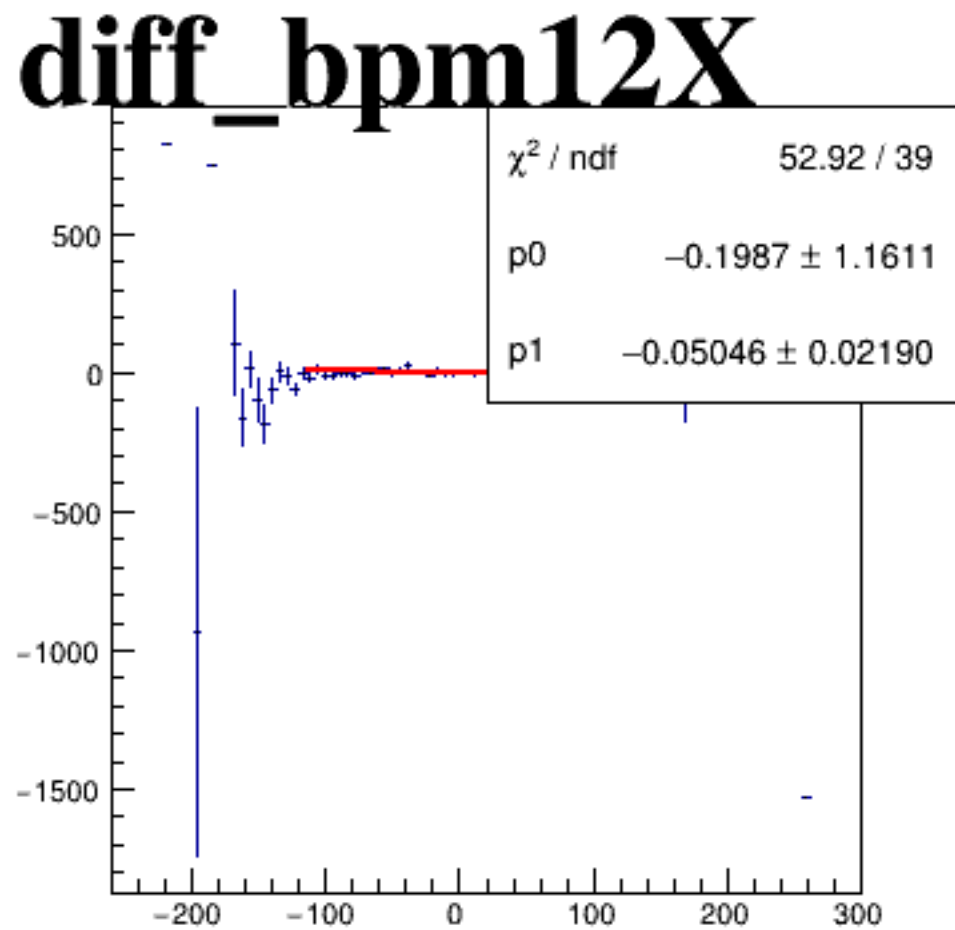
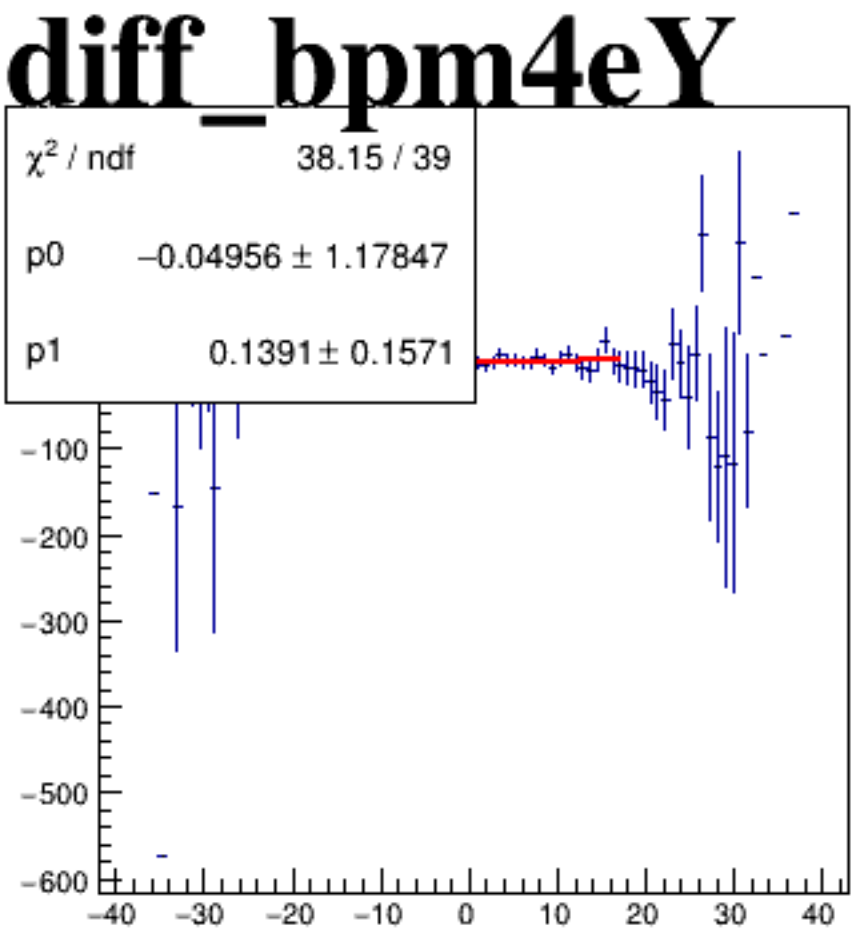
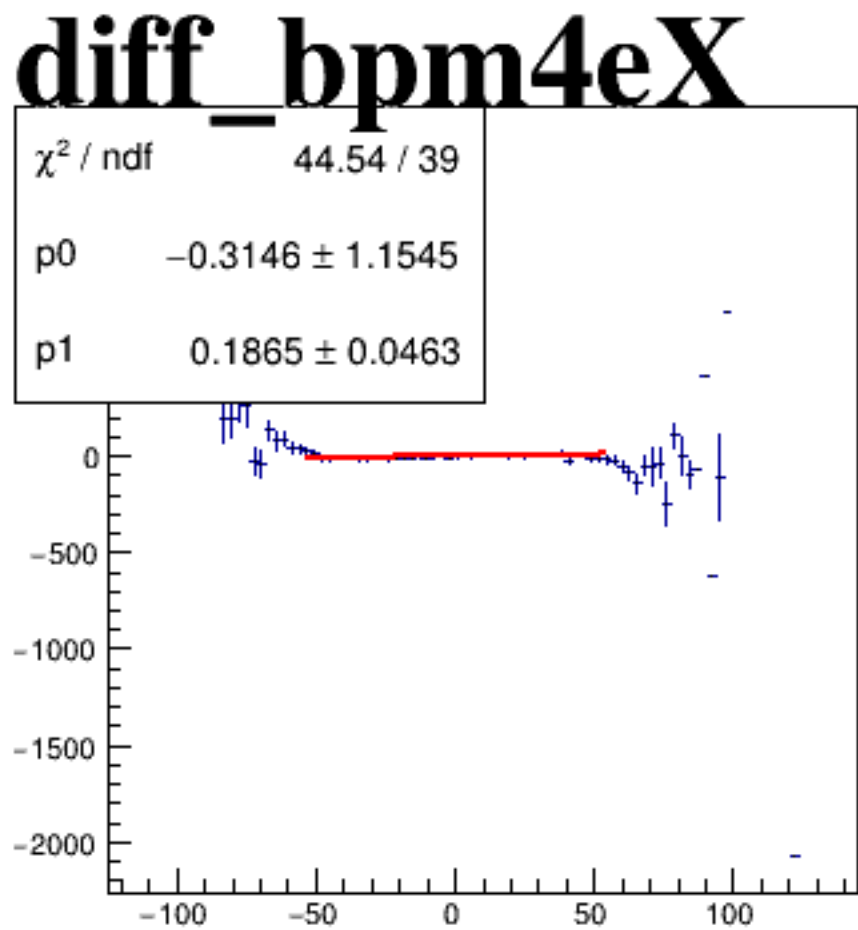
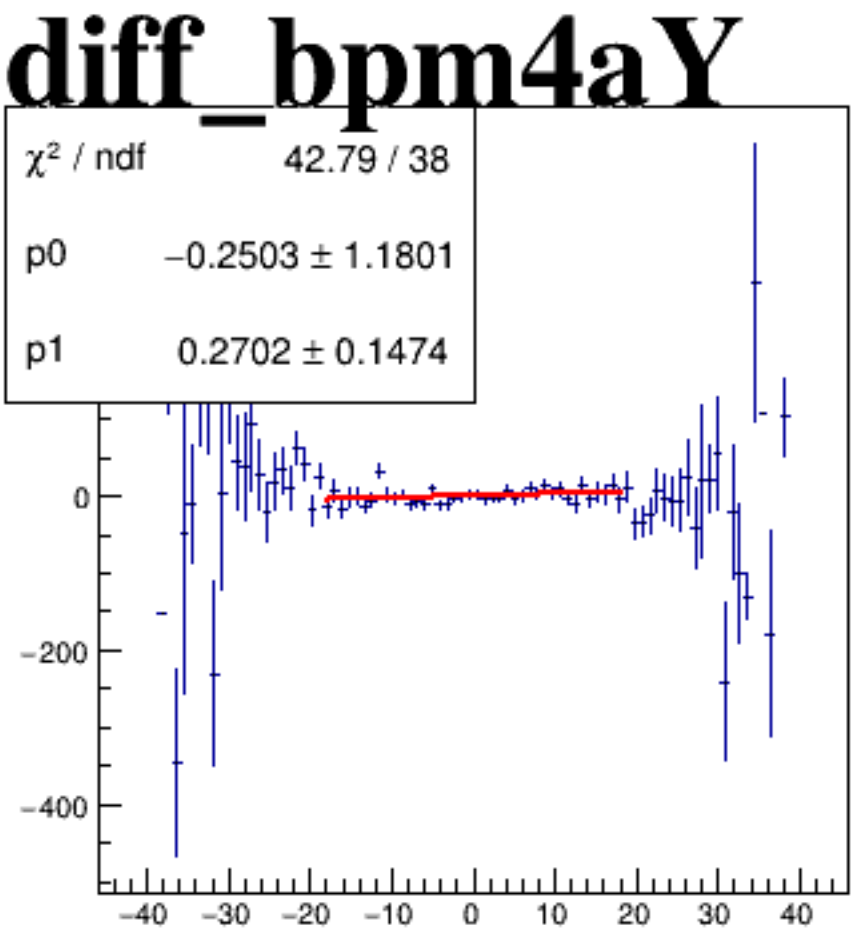
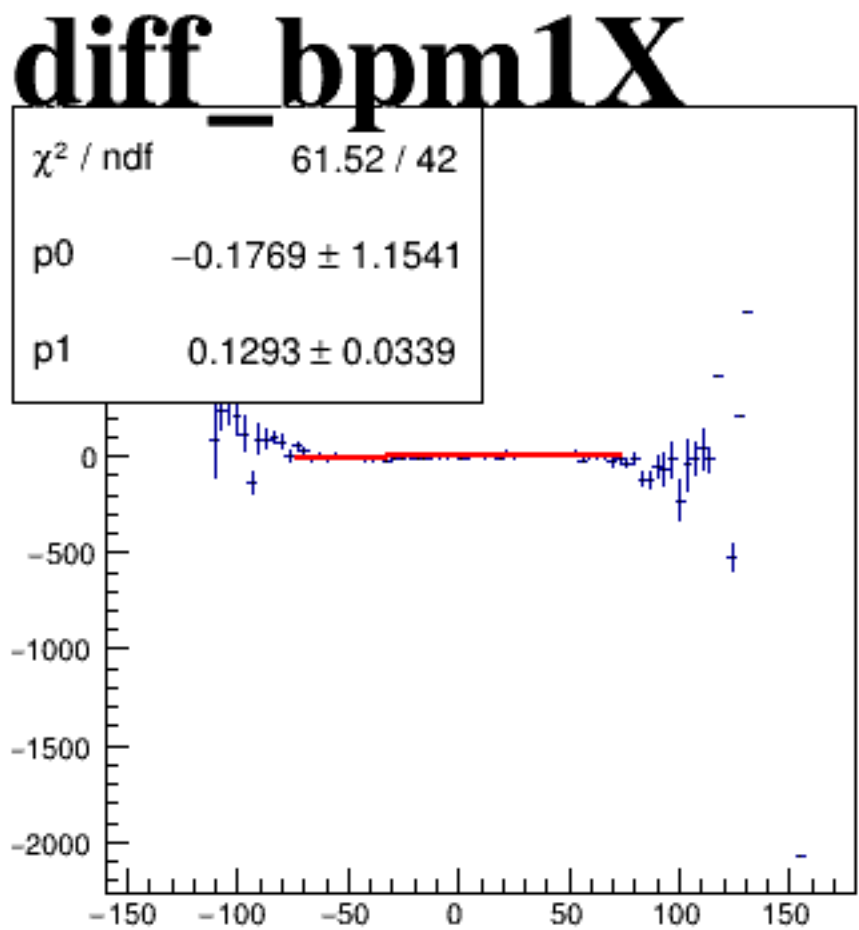
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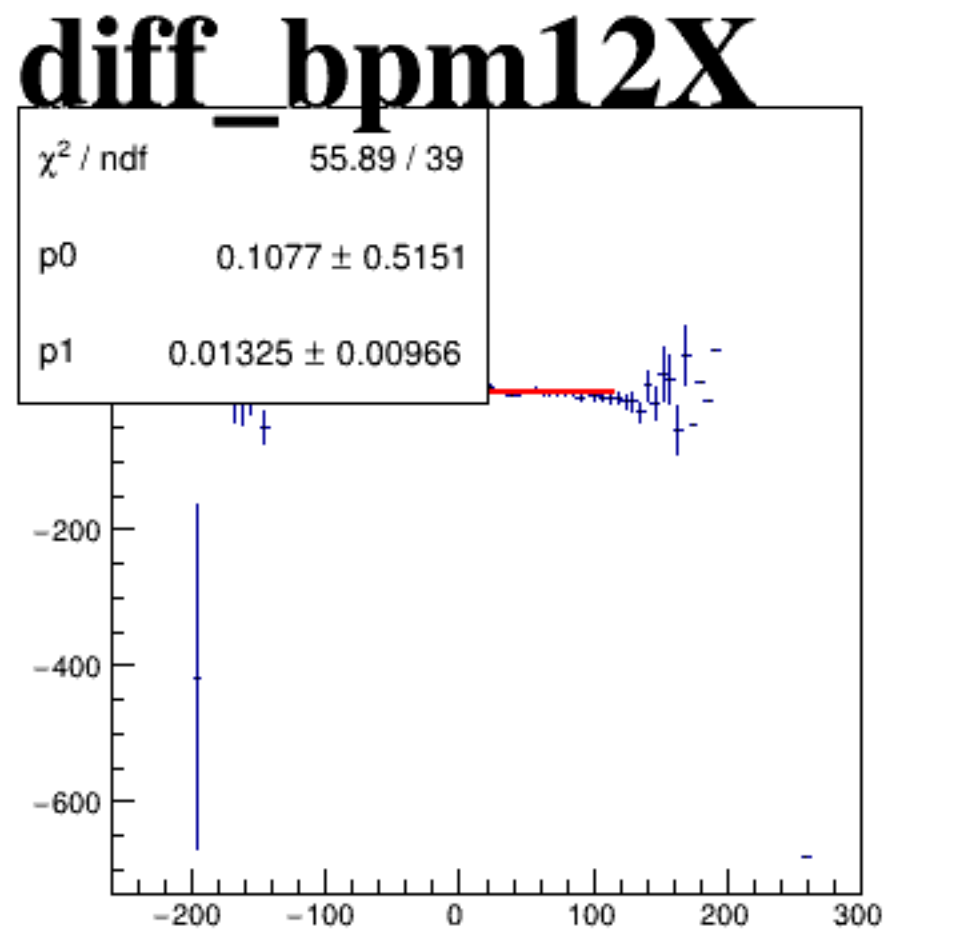
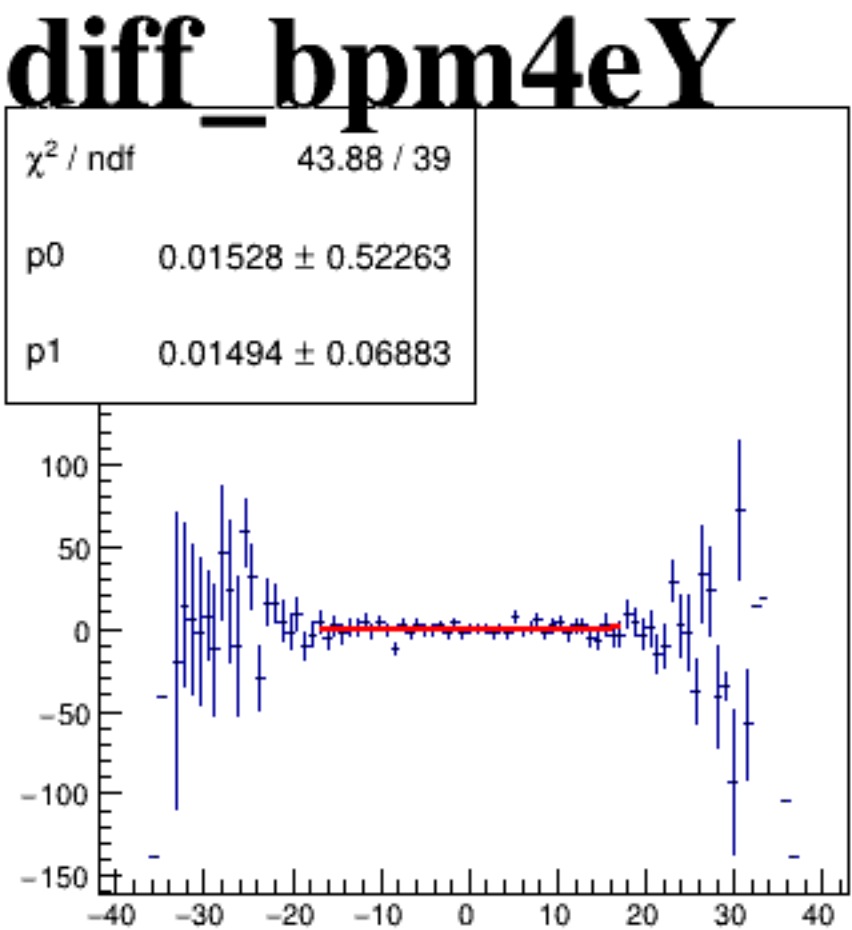
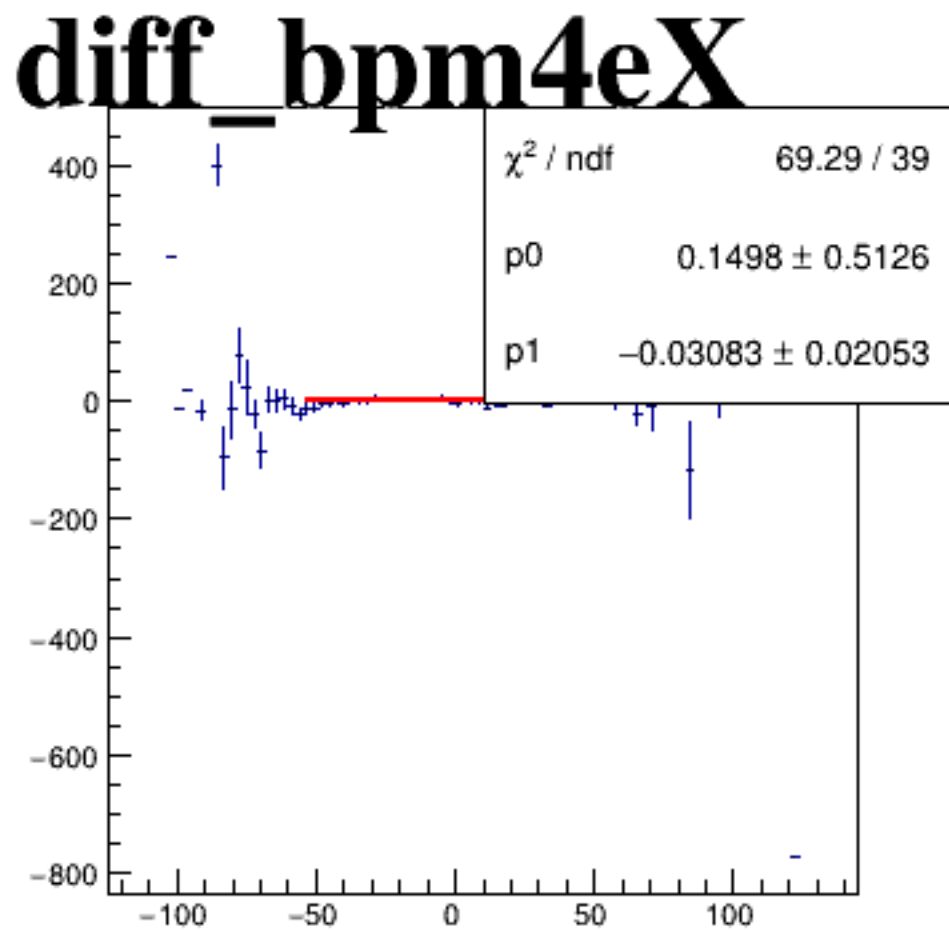
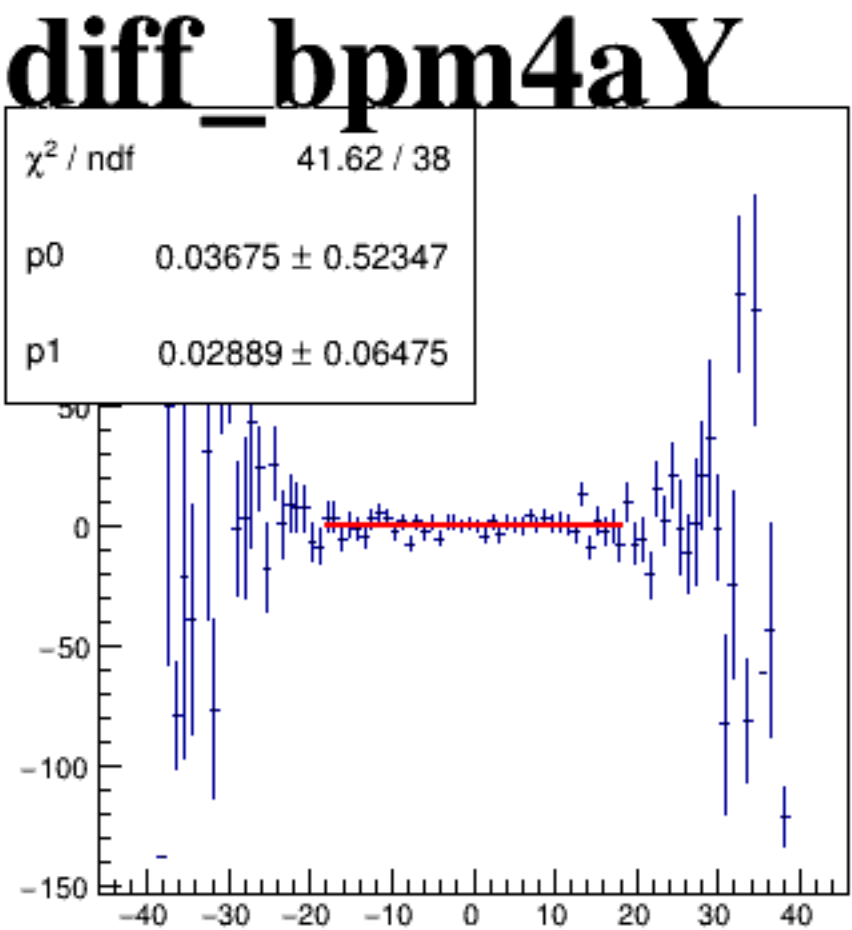
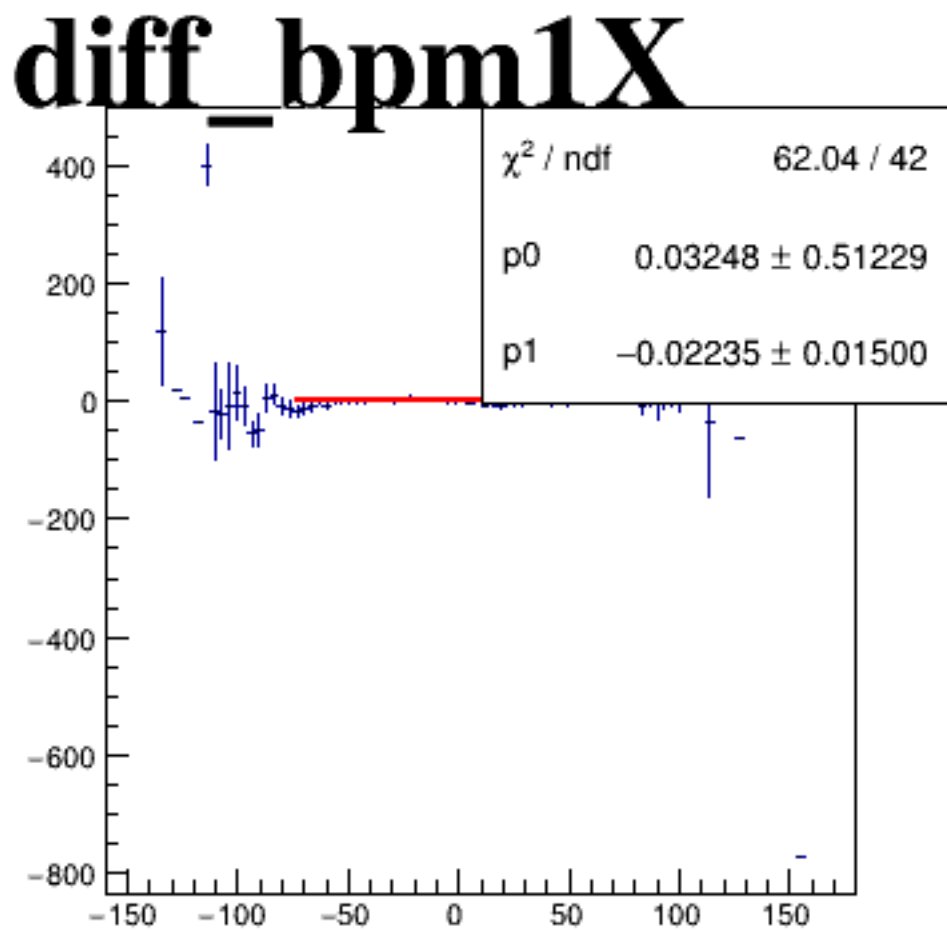
reg_asym_sam2



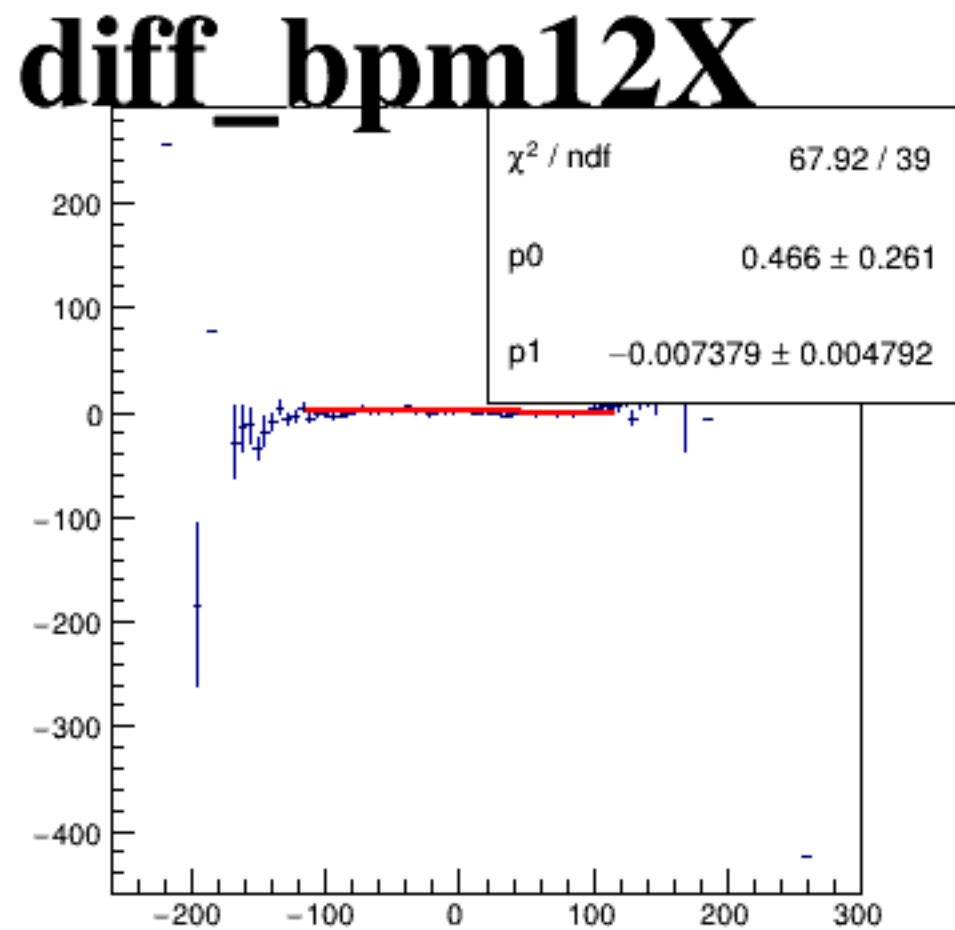
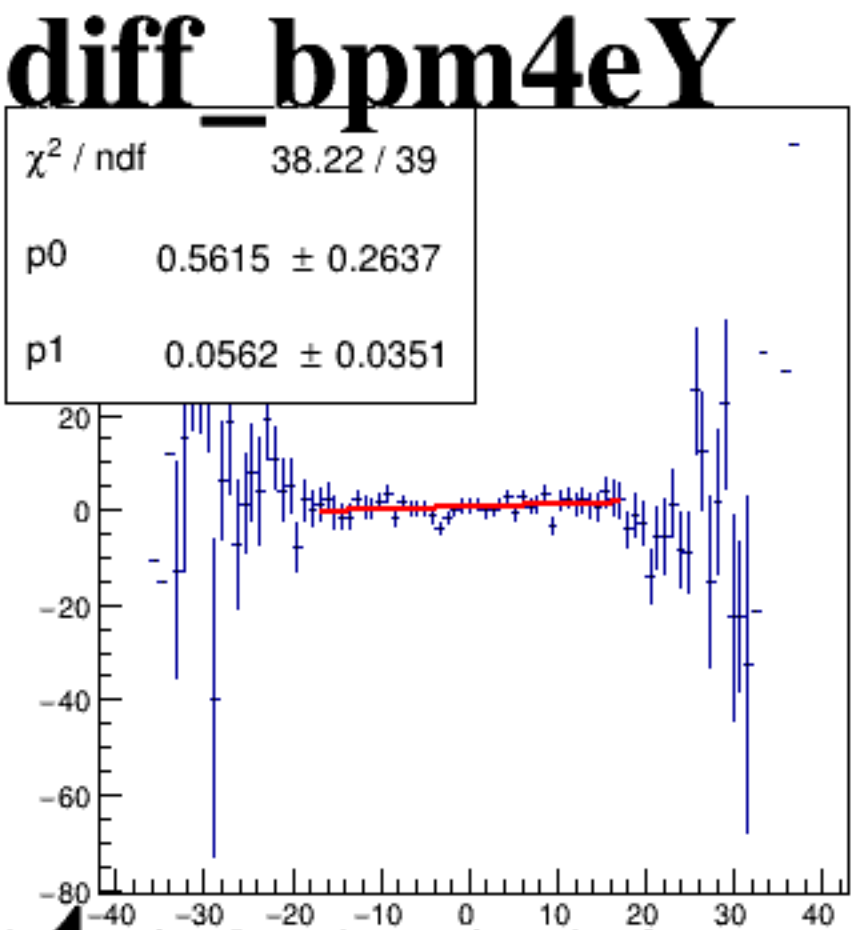
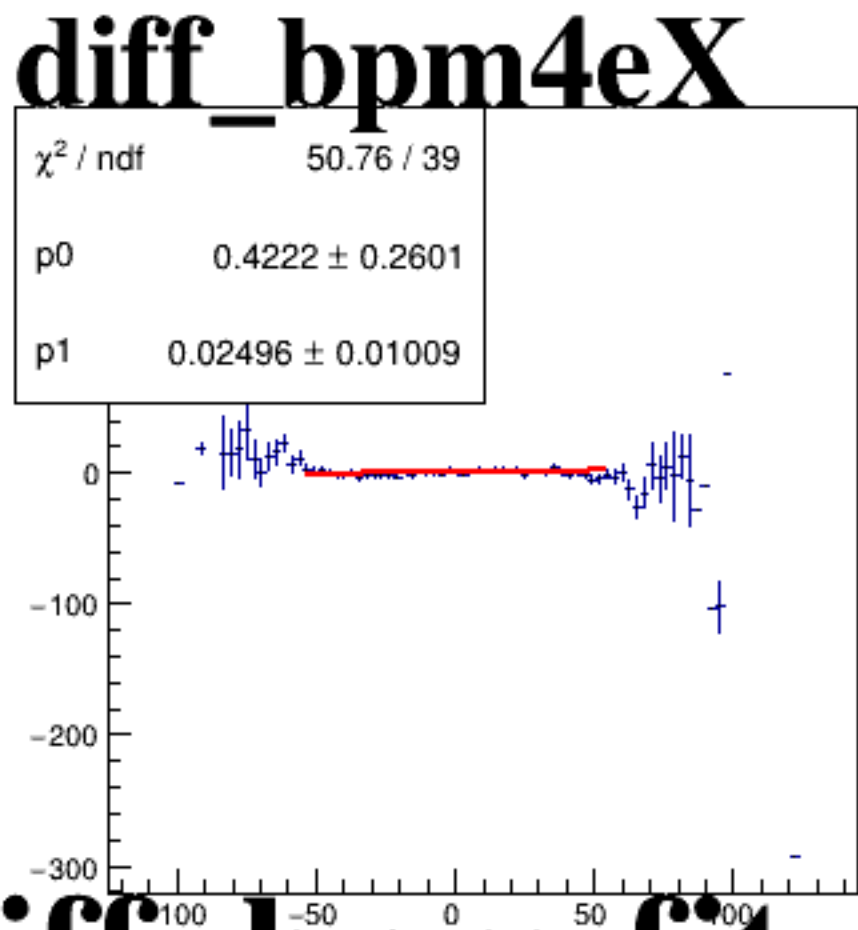
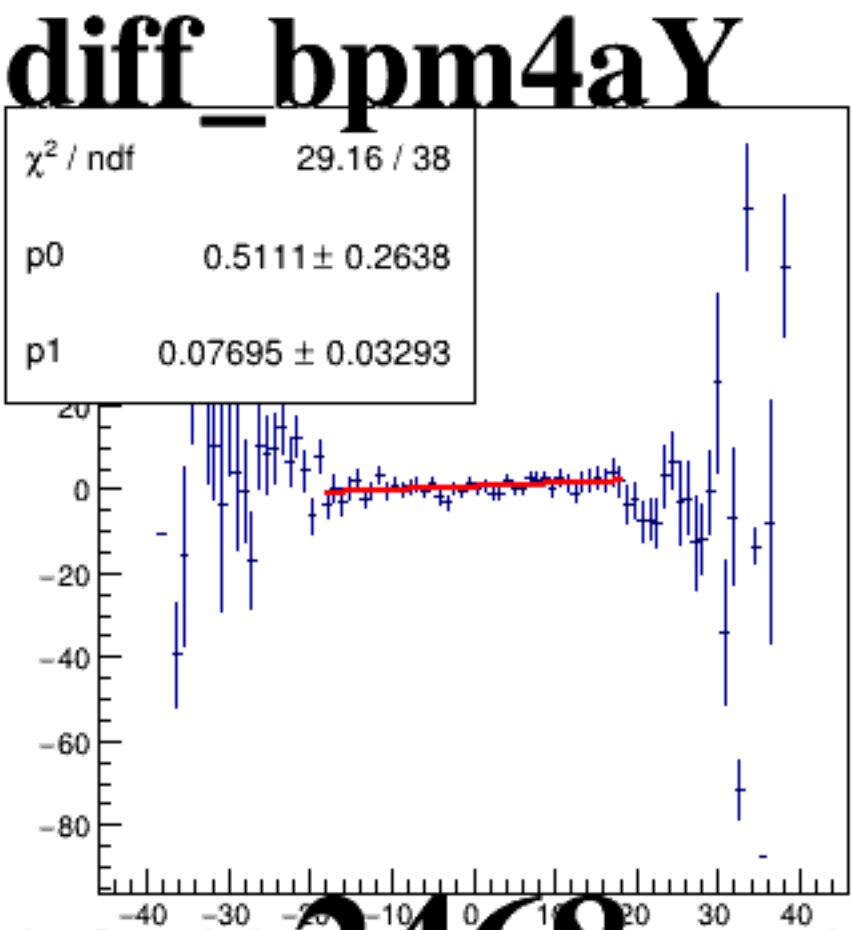
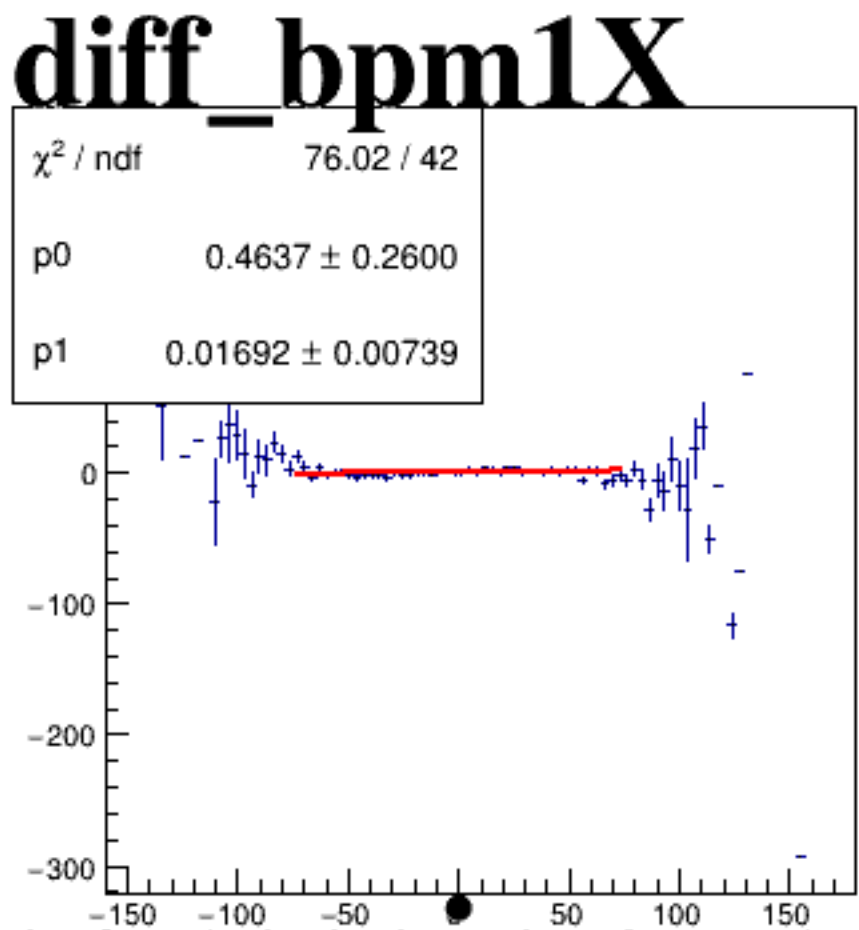
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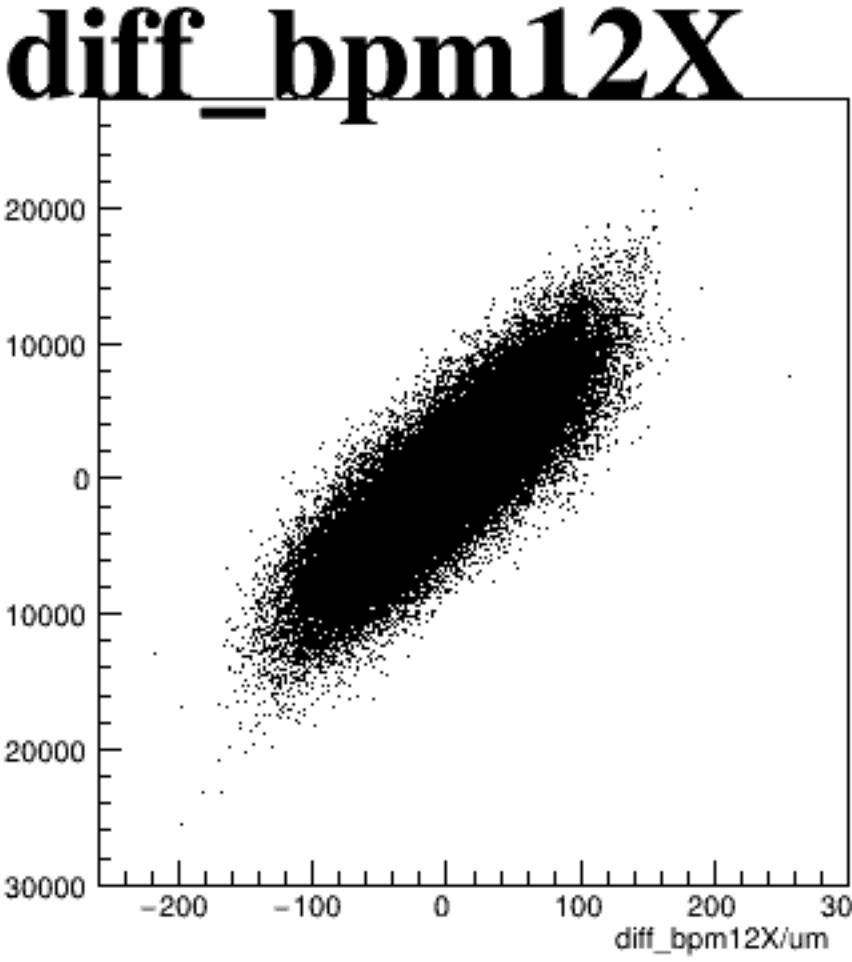
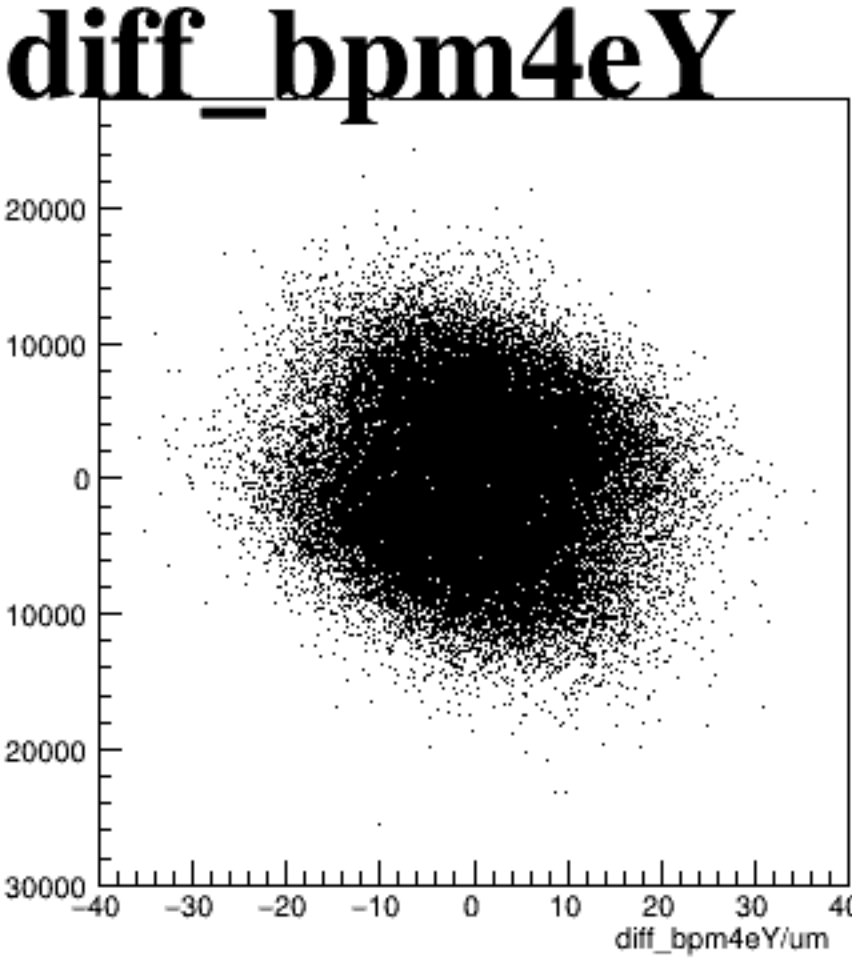
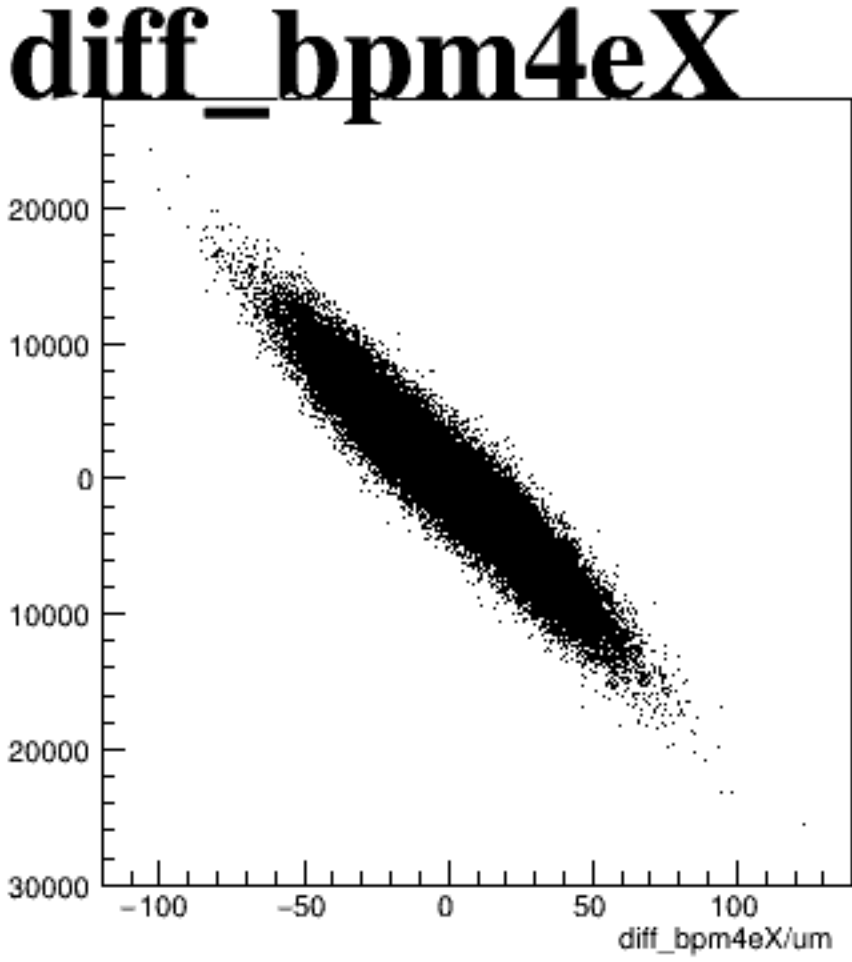
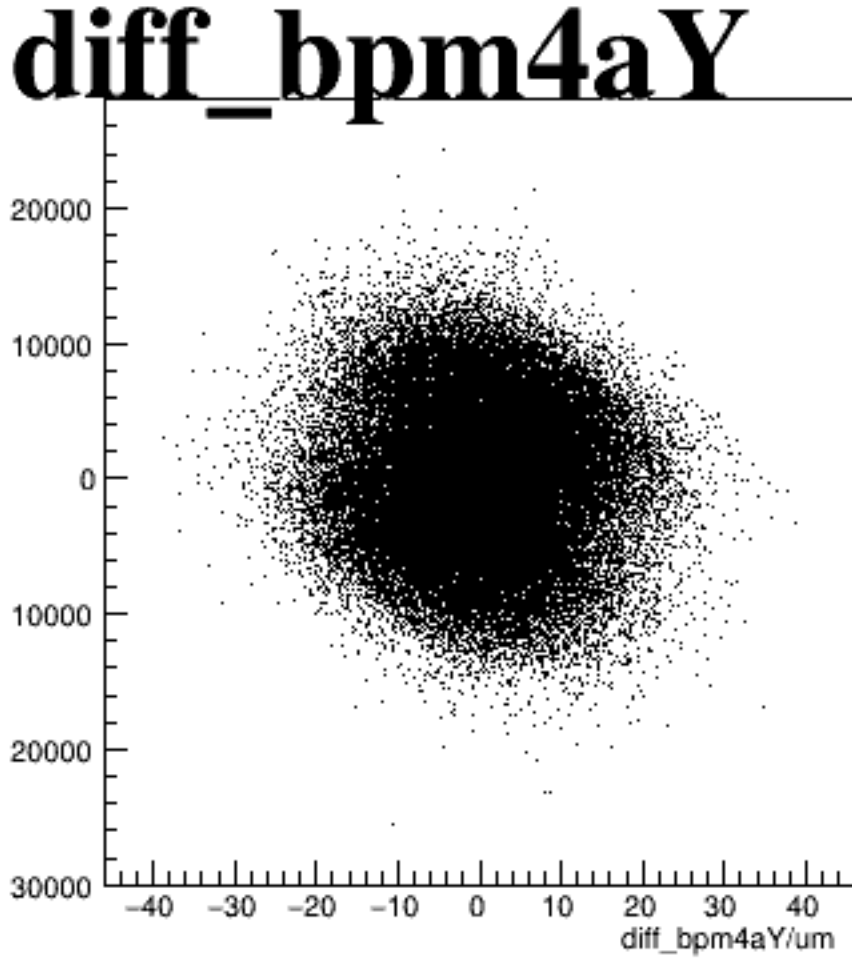
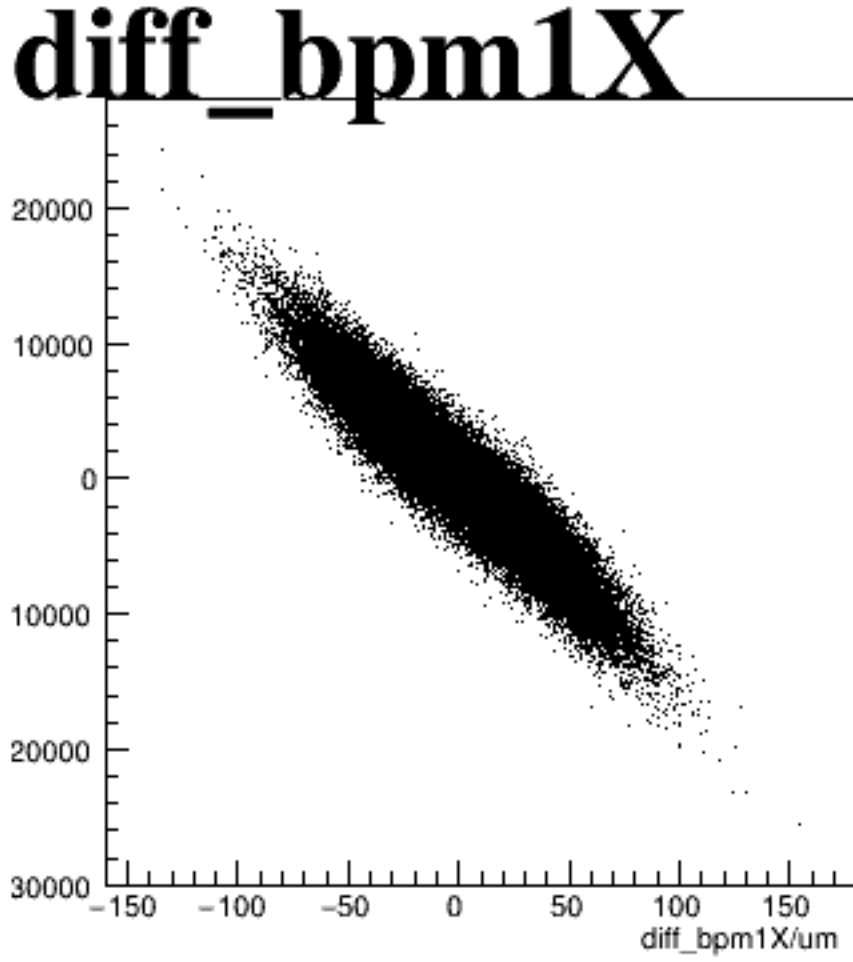
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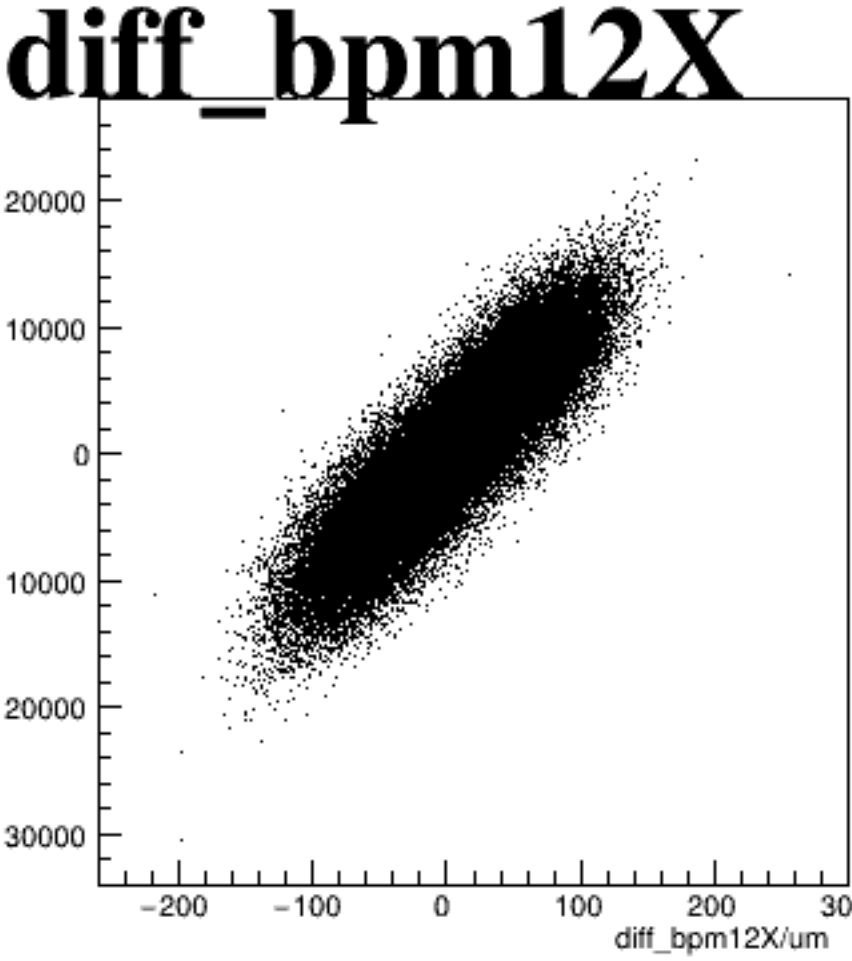
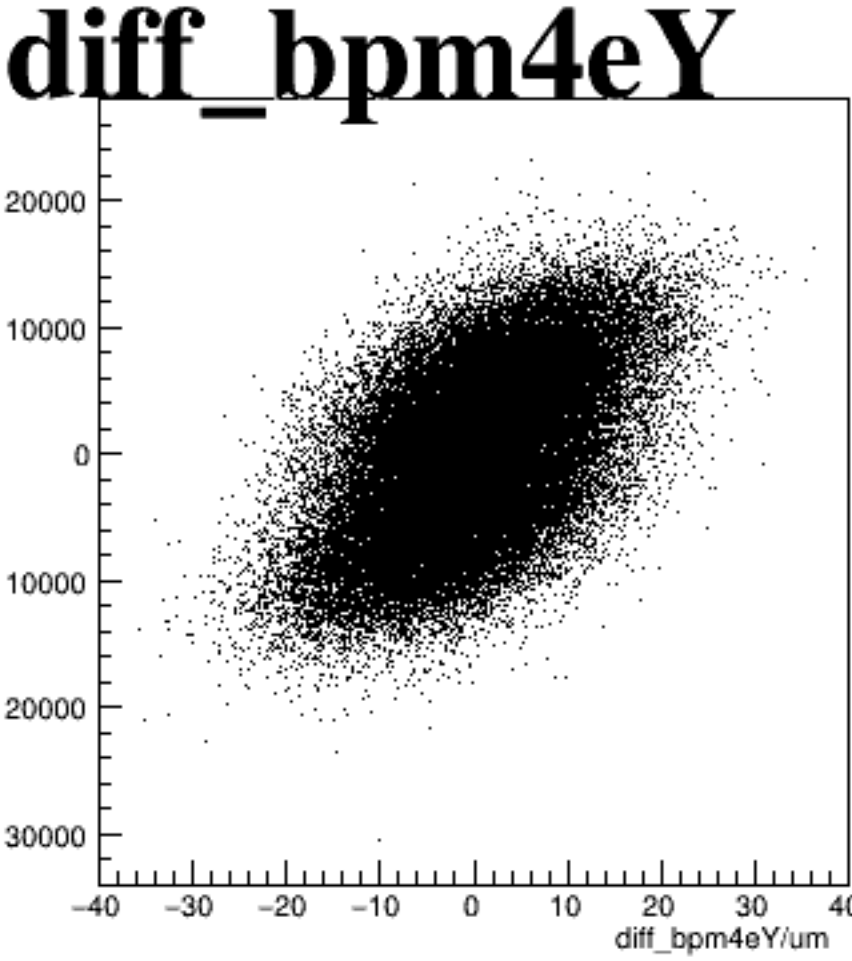
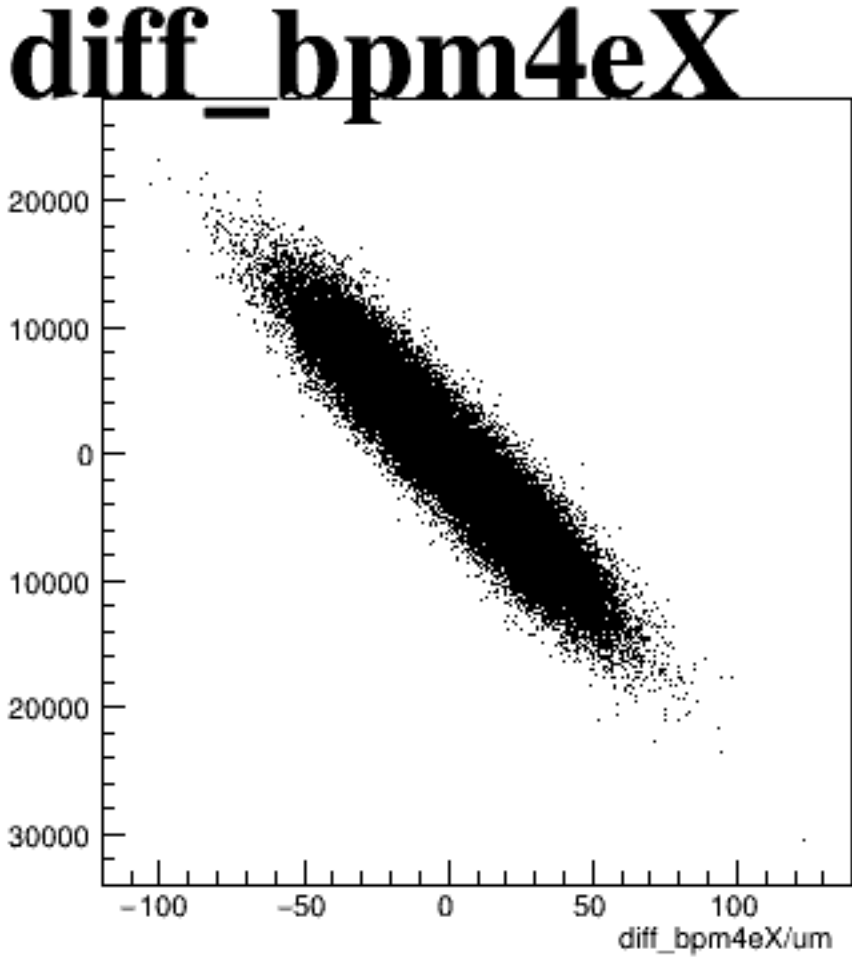
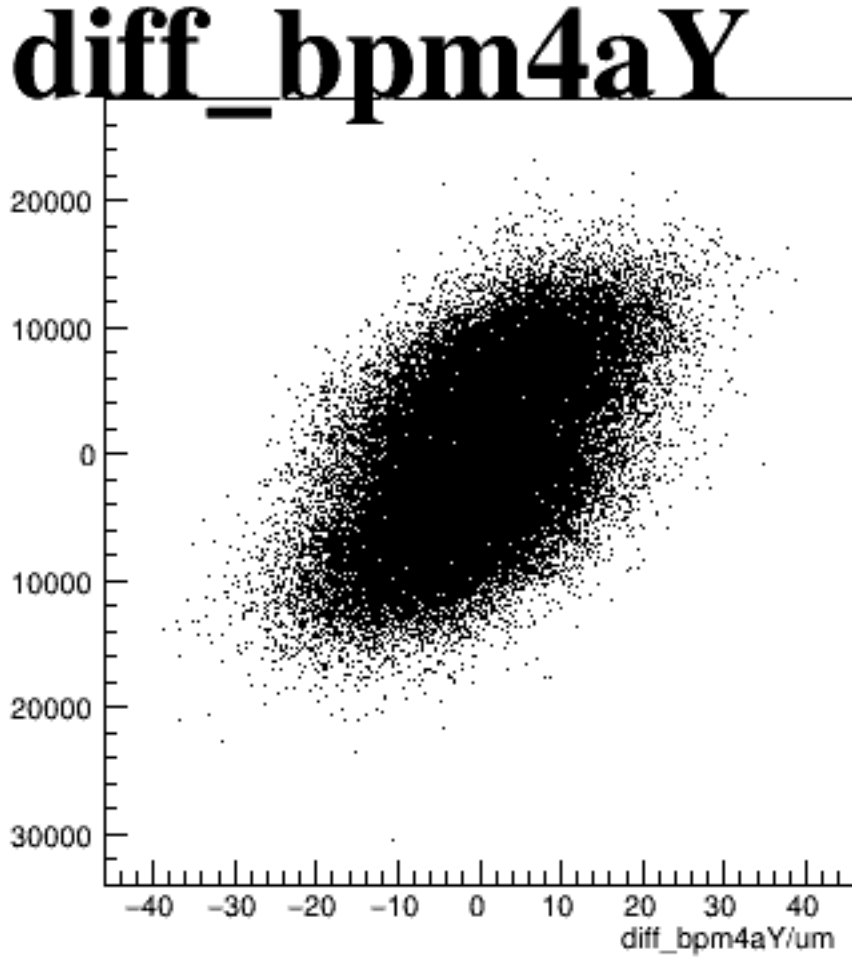
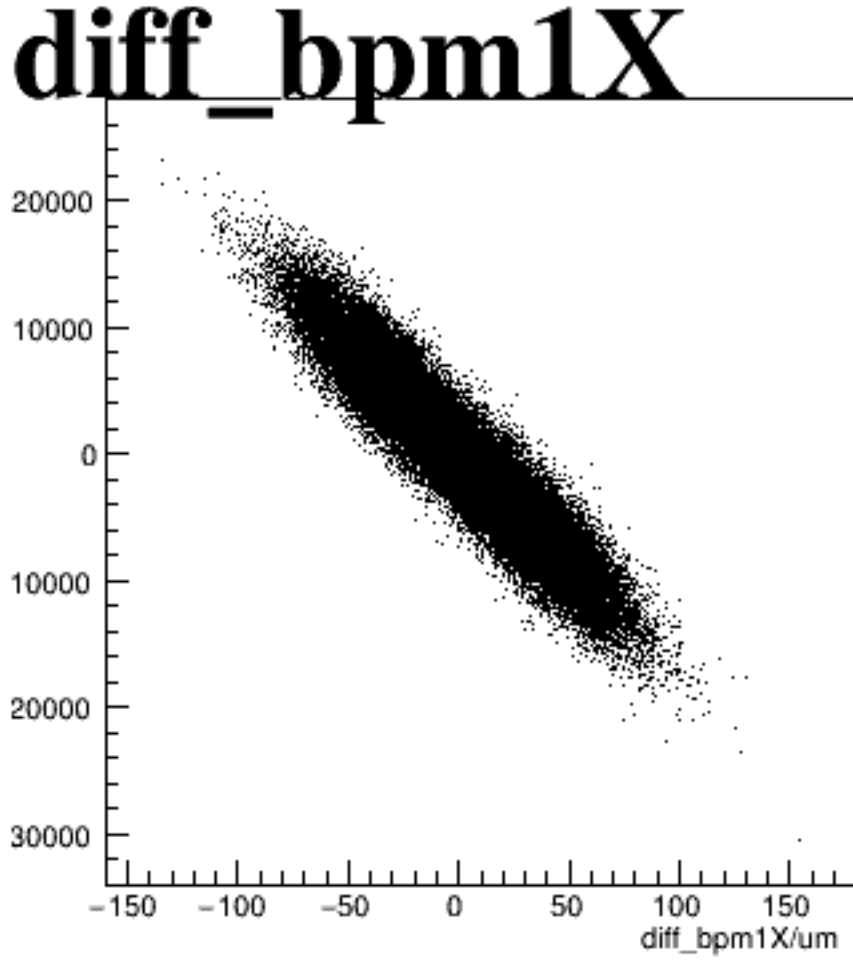
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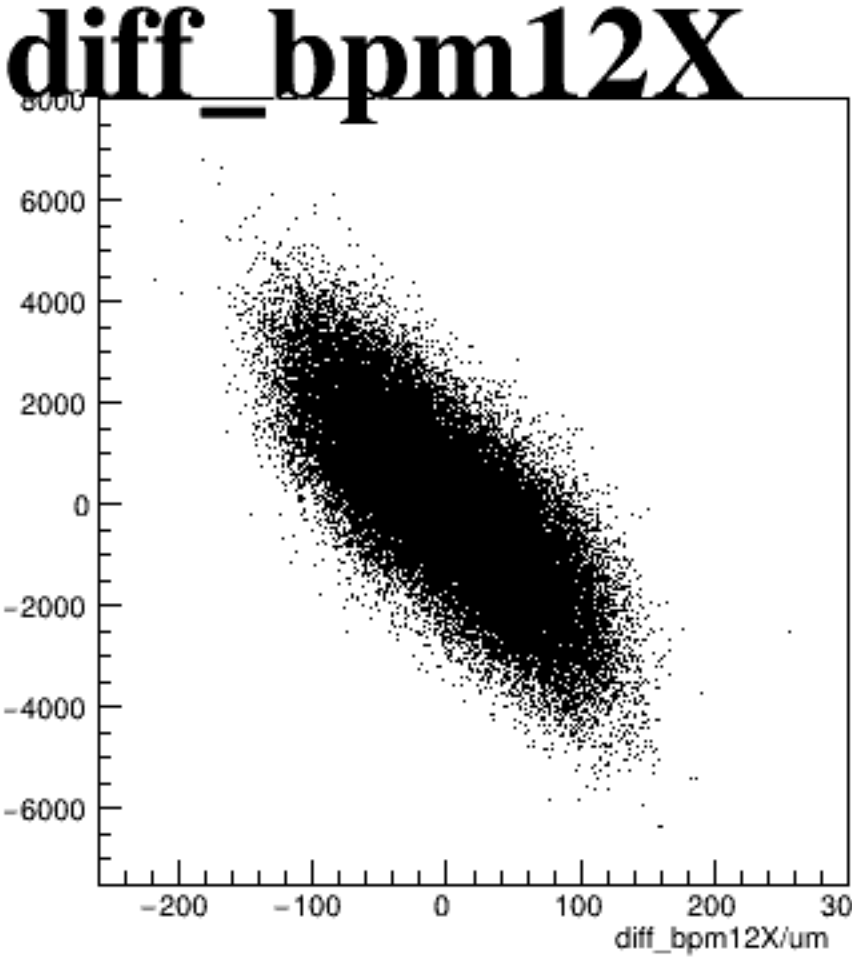
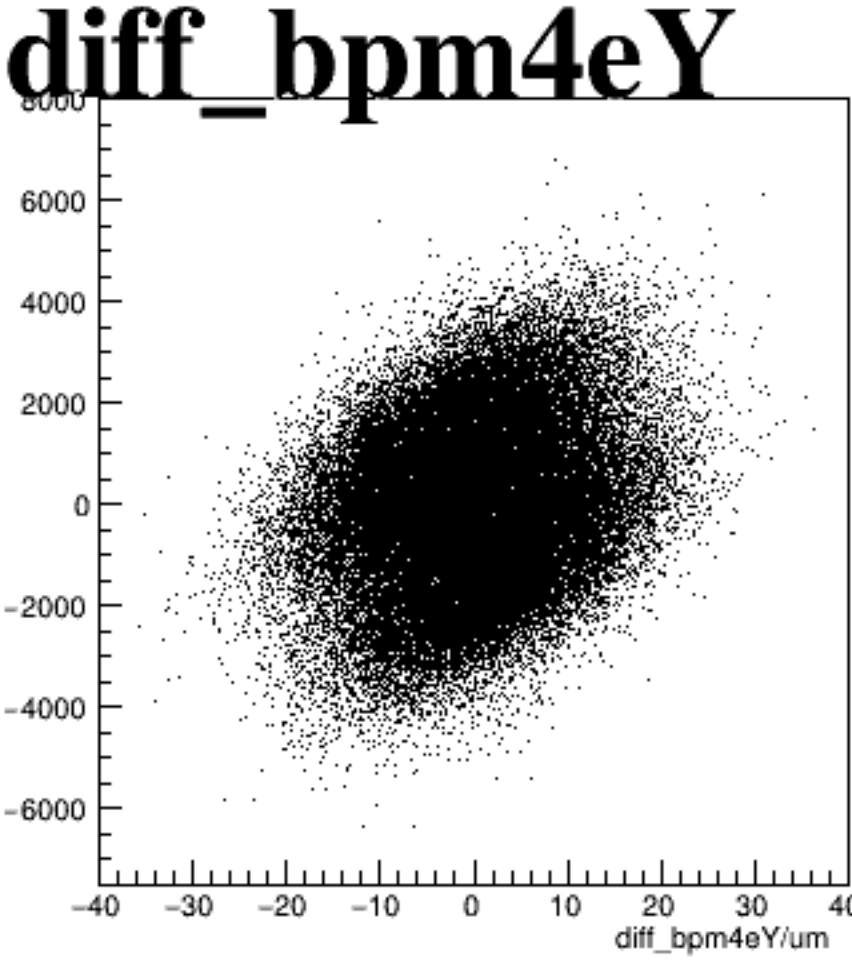
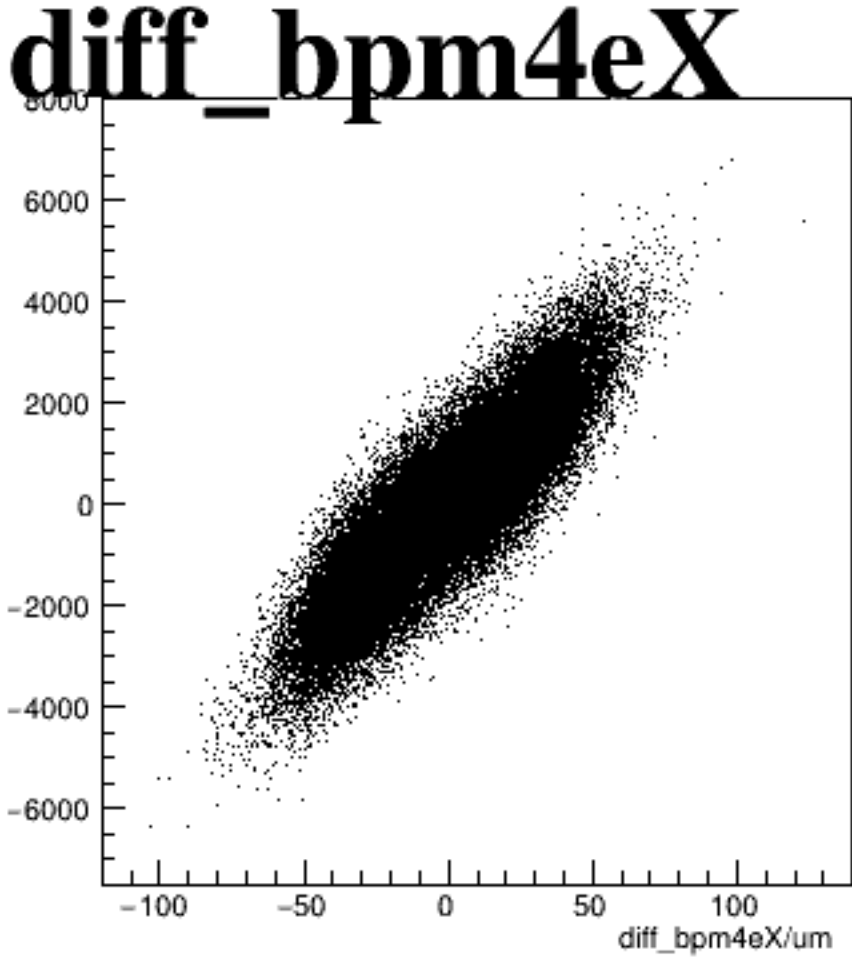
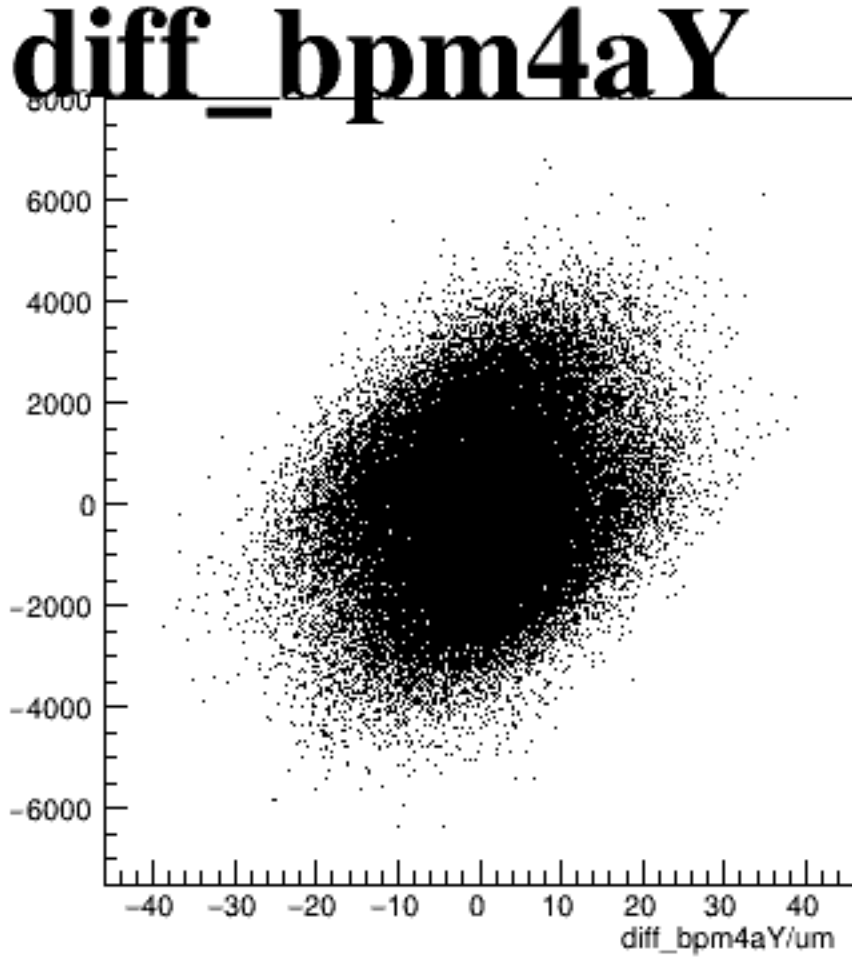
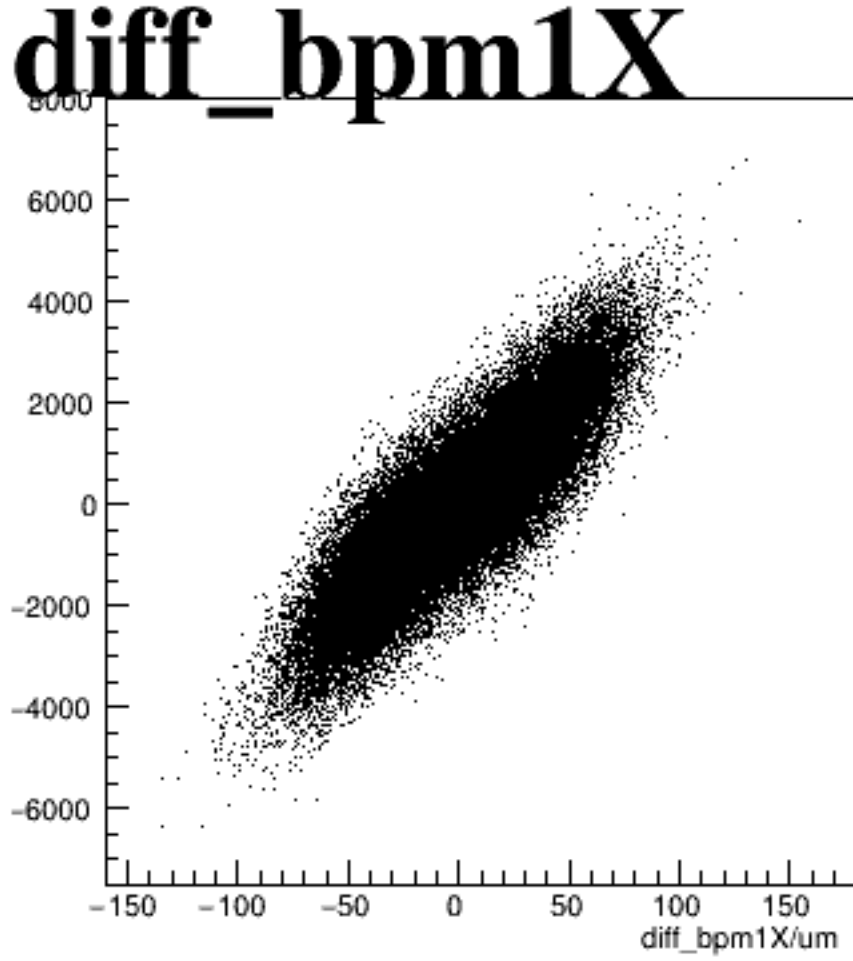
asym_sam2



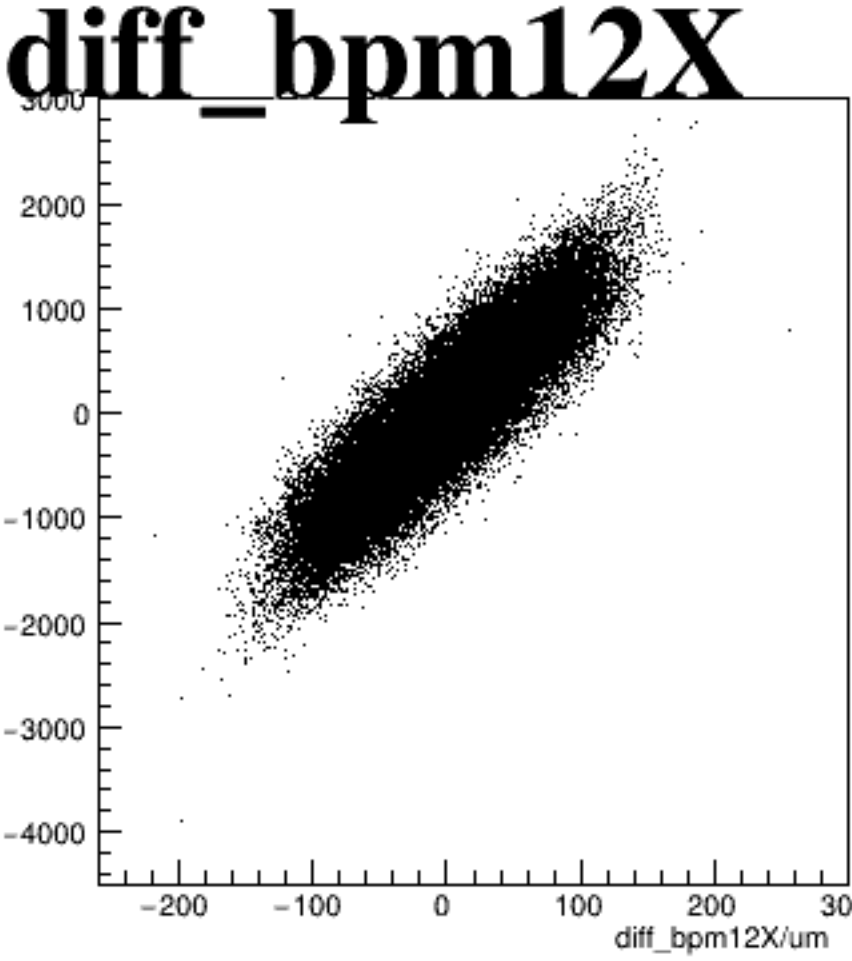
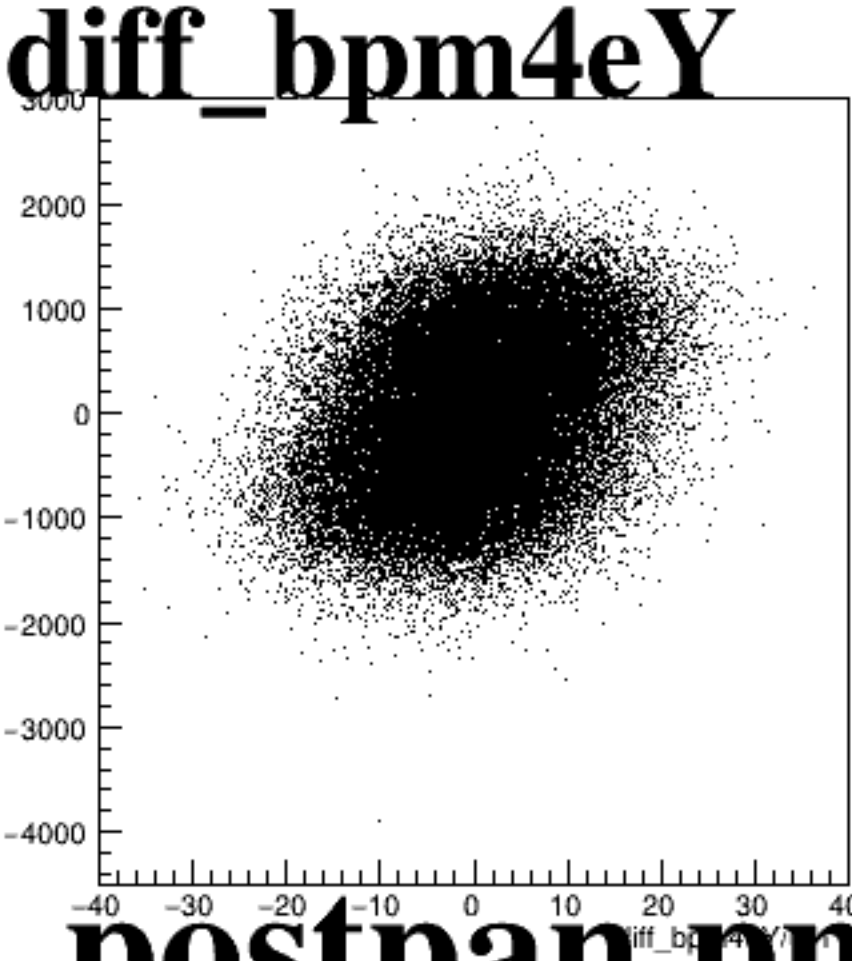
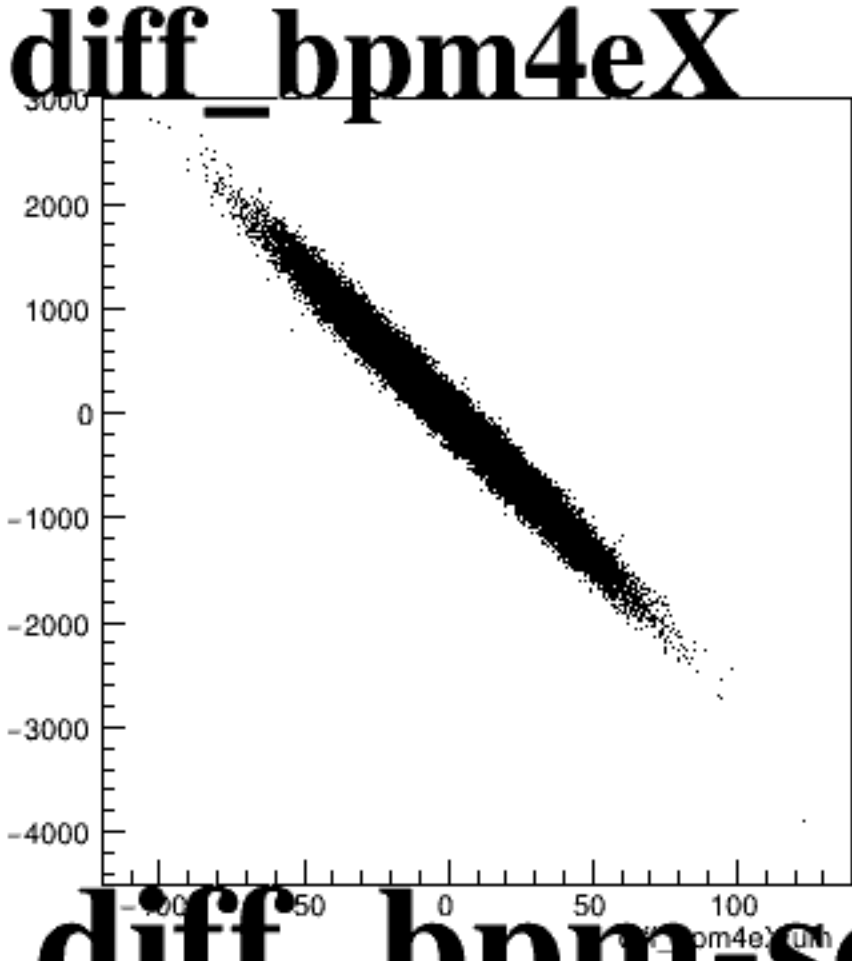
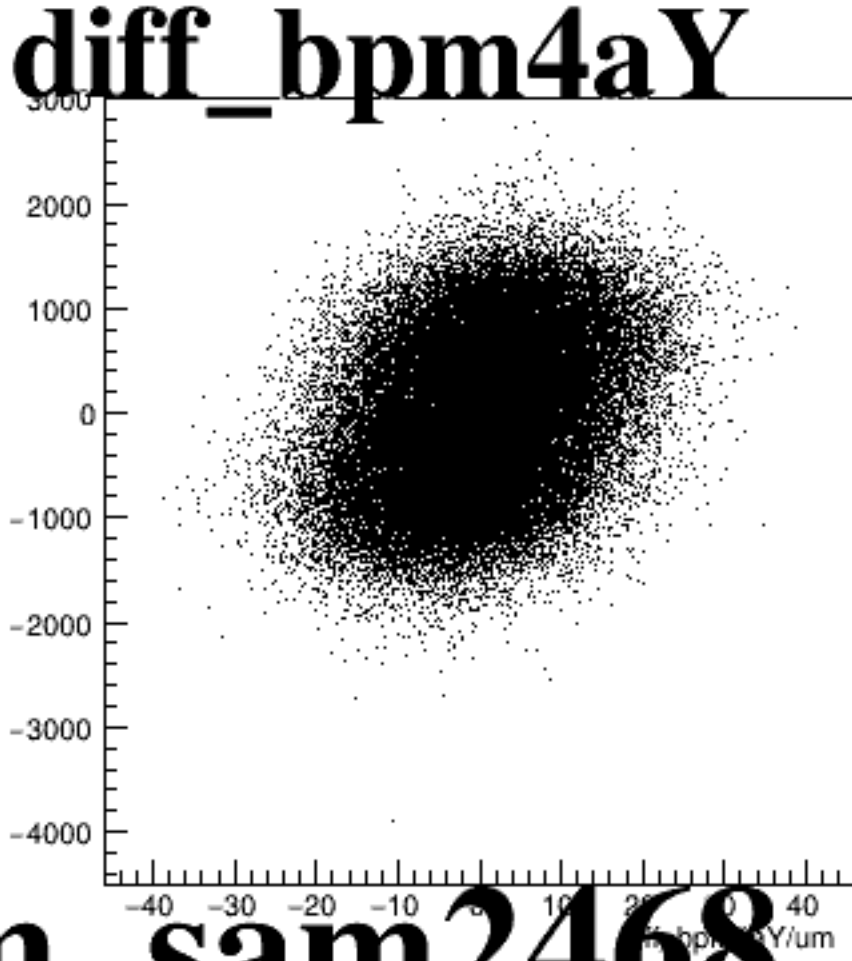
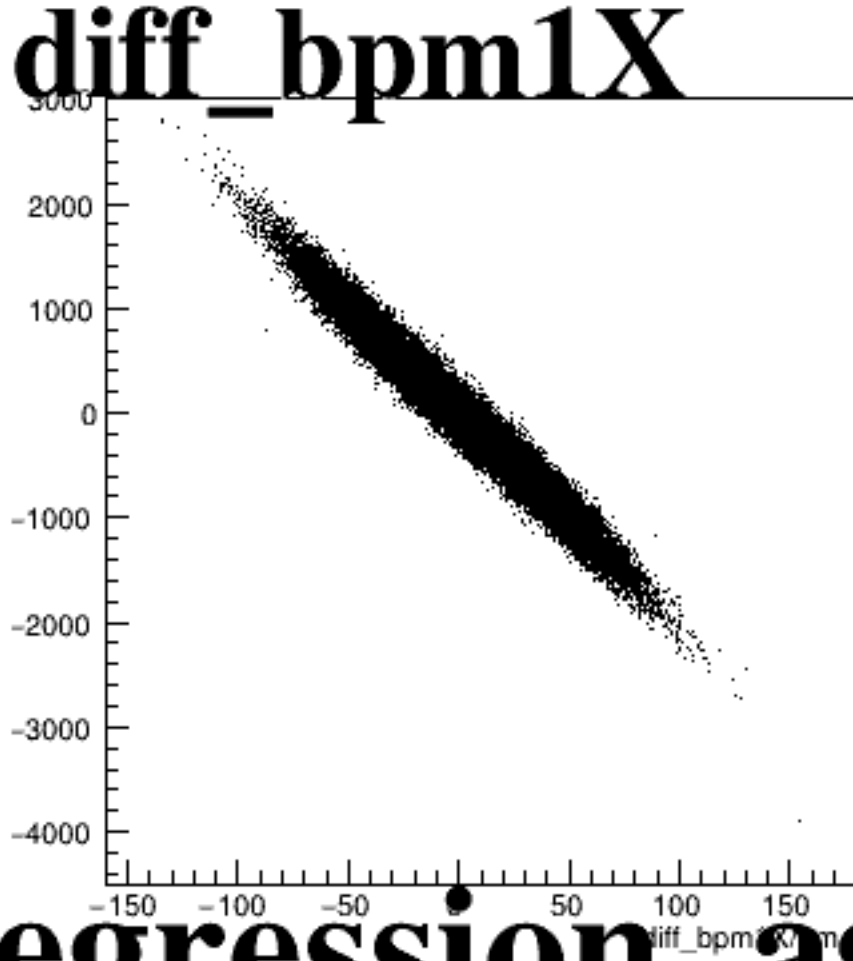
asym_sam4



asym_sam6



asym_sam8



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

- diff_bpm1X**: The x-axis is labeled `diff_bpm1X/um` and ranges from -150 to 150. The y-axis ranges from -1500 to 1500.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -40 to 40. The y-axis ranges from -1500 to 1500.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -100 to 100. The y-axis ranges from -1500 to 1500.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -40 to 40. The y-axis ranges from -1500 to 1500.
- diff_bpm12X**: The x-axis is labeled `diff_bpm12X/um` and ranges from -200 to 300. The y-axis ranges from -1500 to 1500.

In all plots, the data points form a dense, roughly circular cloud centered around zero difference, indicating a high level of agreement between the compared BPMs. The axes are labeled with units in micrometers (um).

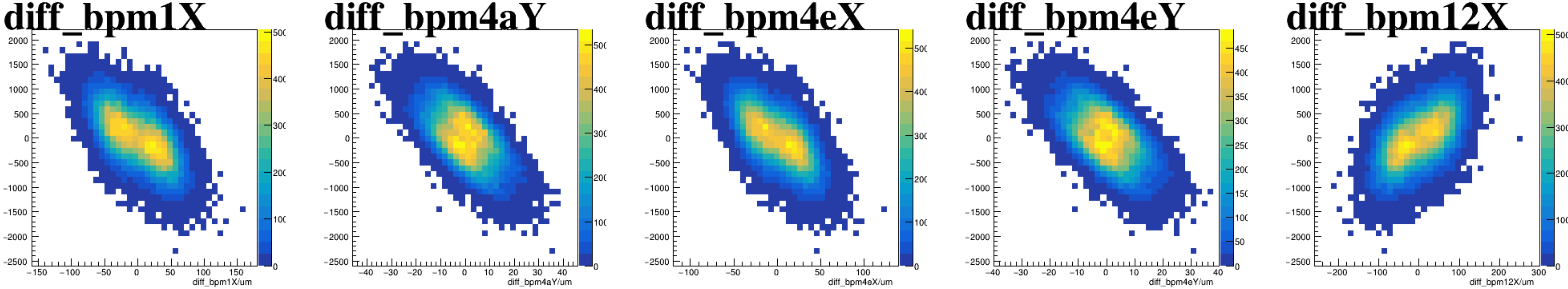
The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for a specific beam size. The plots are titled as follows:

- diff_bpm1X**: The x-axis ranges from -150 to 150 μm , and the y-axis ranges from -800 to 600 μm .
- diff_bpm4aY**: The x-axis ranges from -40 to 40 μm , and the y-axis ranges from -800 to 600 μm .
- diff_bpm4eX**: The x-axis ranges from -100 to 100 μm , and the y-axis ranges from -800 to 600 μm .
- diff_bpm4eY**: The x-axis ranges from -40 to 40 μm , and the y-axis ranges from -800 to 600 μm .
- diff_bpm12X**: The x-axis ranges from -200 to 300 μm , and the y-axis ranges from -800 to 600 μm .

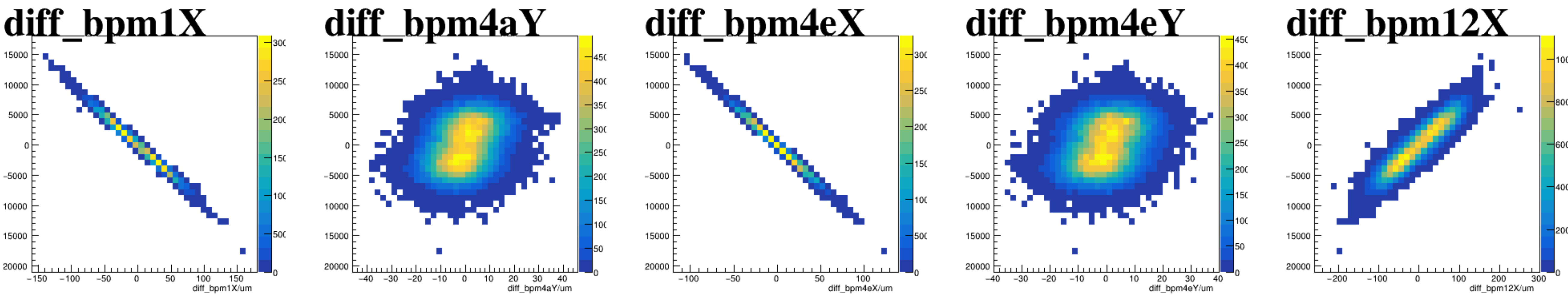
In all plots, the data points form a dense, roughly circular cloud centered at the origin (0,0), indicating a Gaussian-like distribution of the differences. The spread of the points along the x-axis increases with the beam size, while the y-axis spread remains relatively constant.

run6162_000_regression_reg_sam2468_vs_diff_bpm-scat_postpan.png

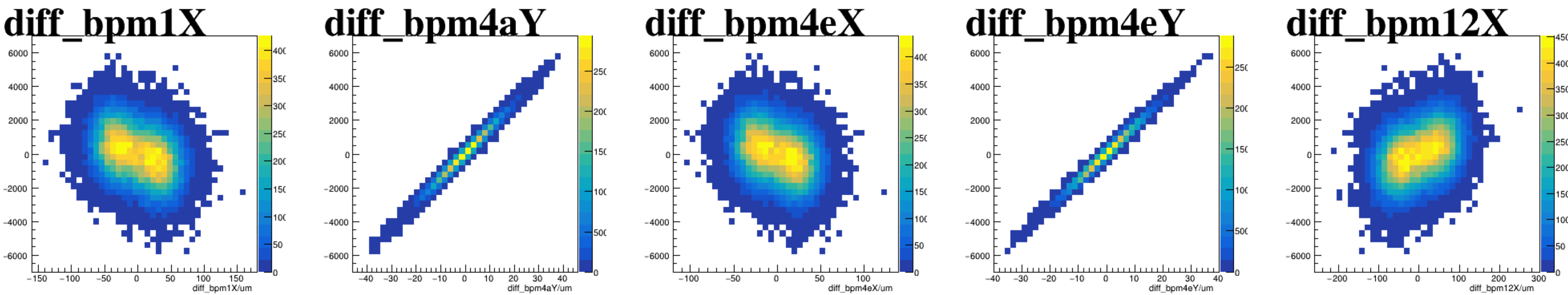
asym_sam1



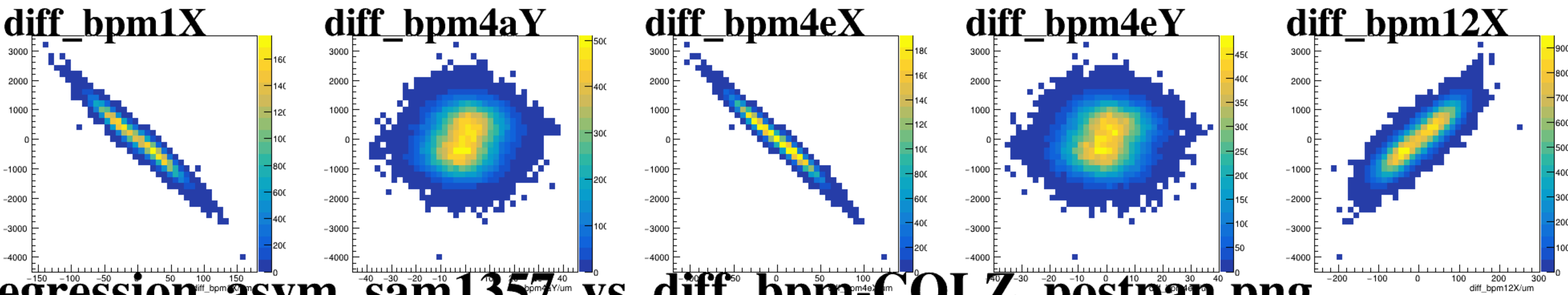
asym_sam3



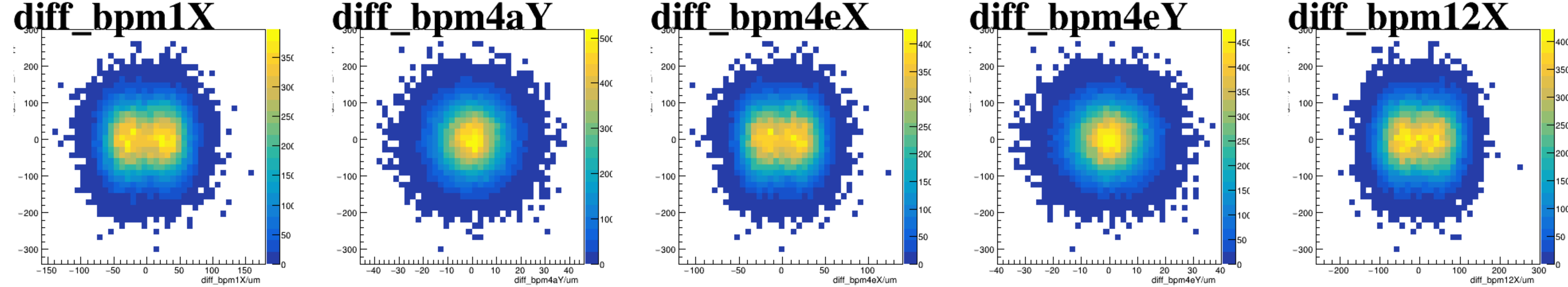
asym_sam5



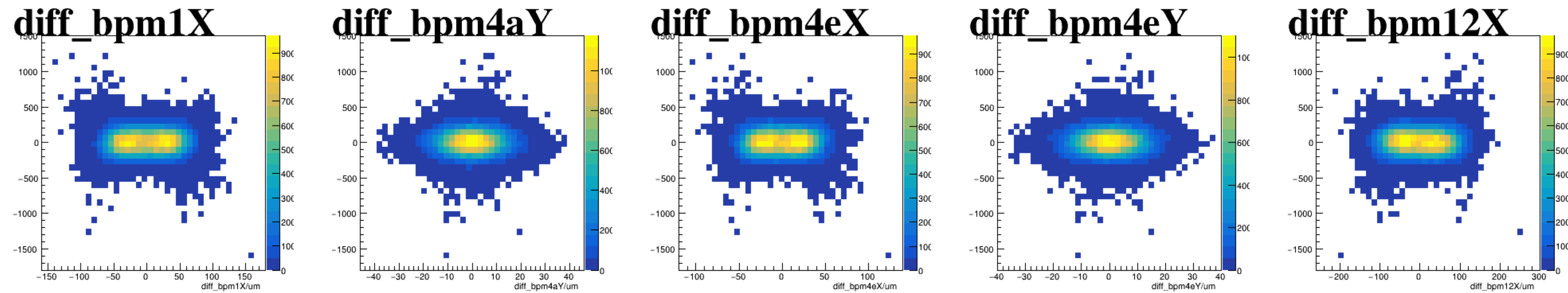
asym_sam7



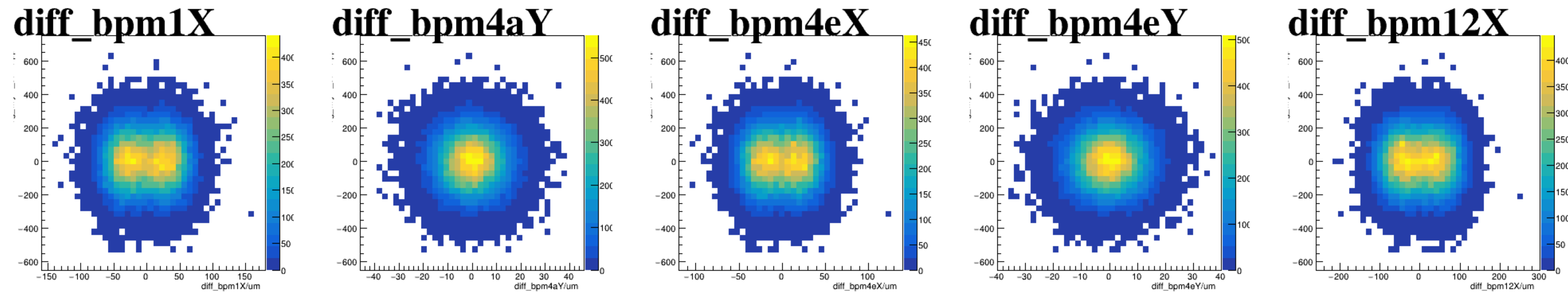
reg_asym_sam1



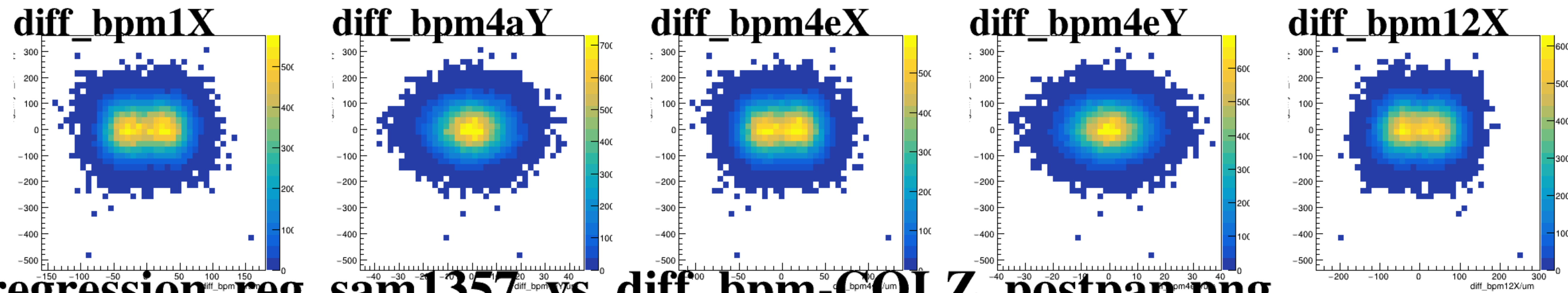
reg_asym_sam3



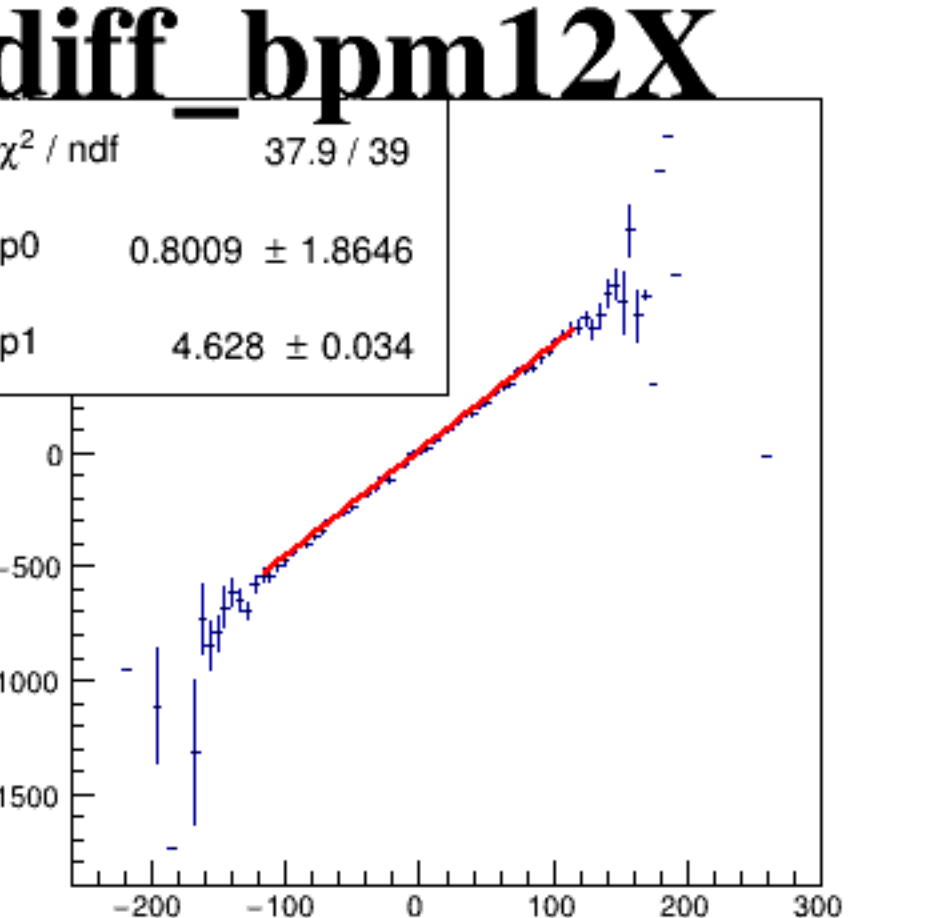
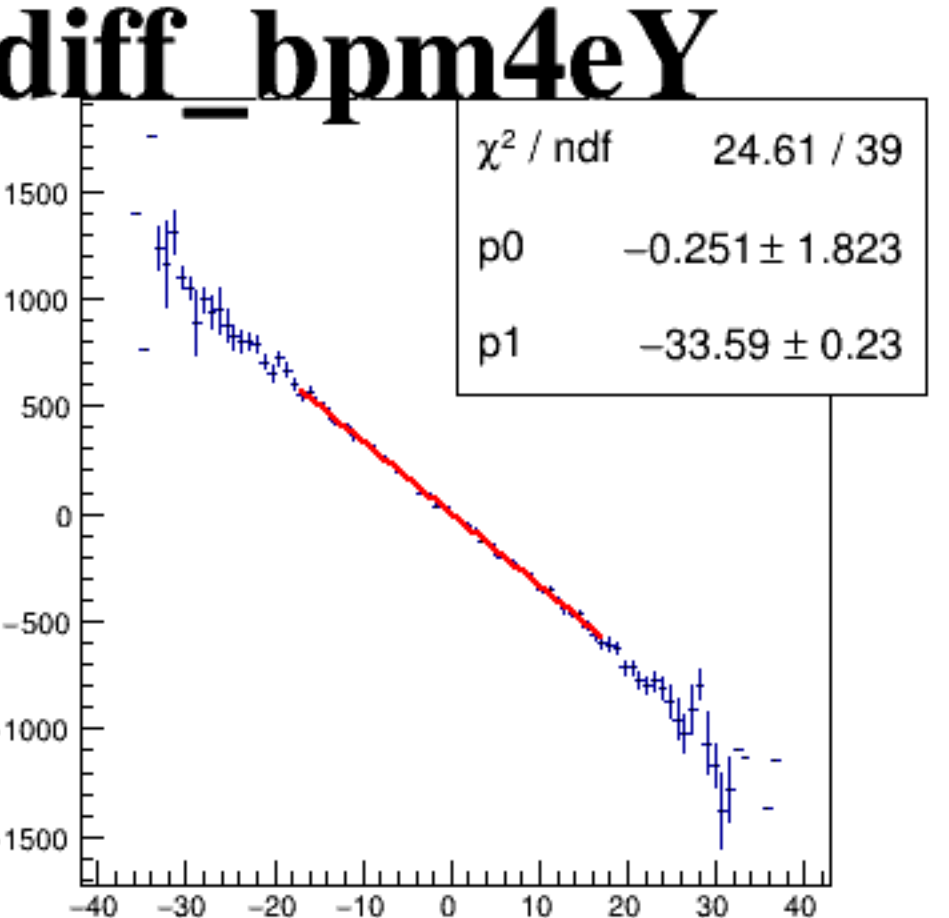
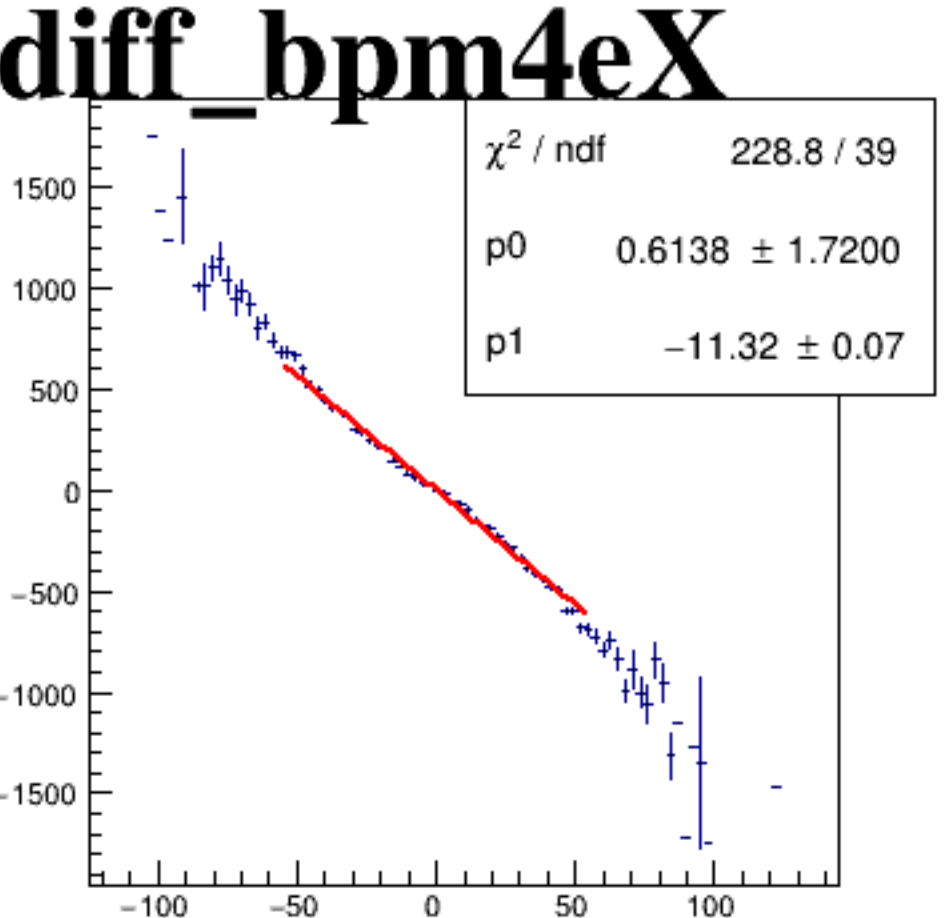
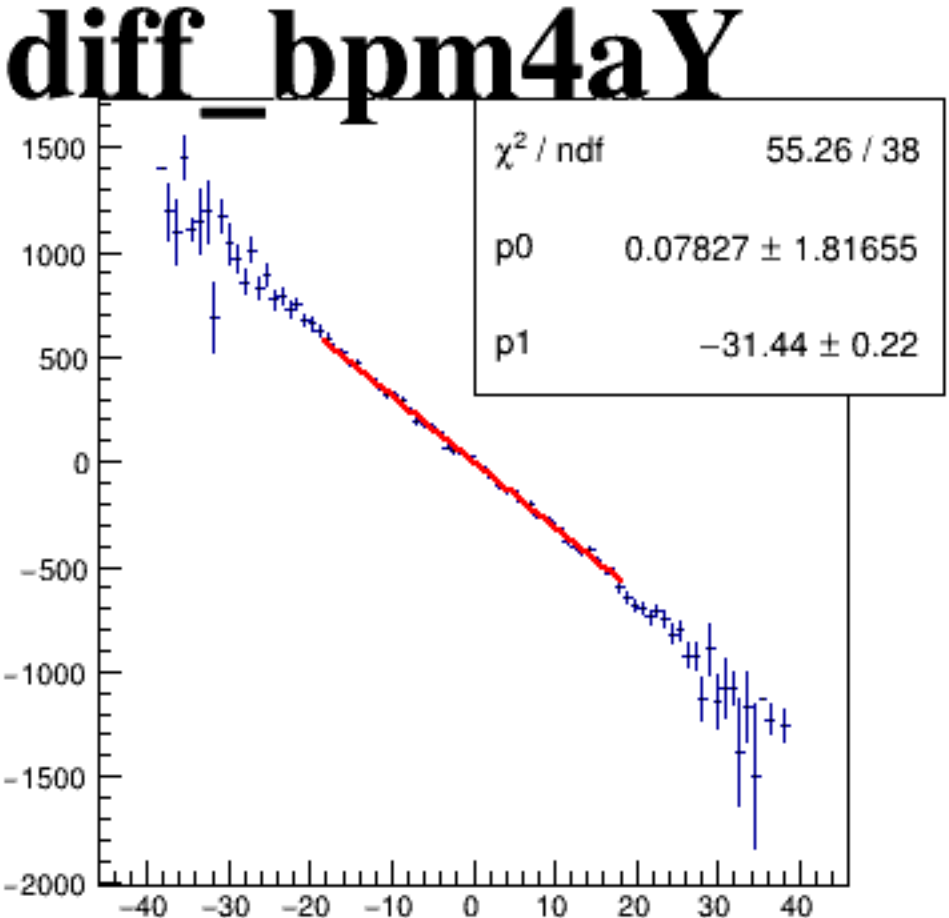
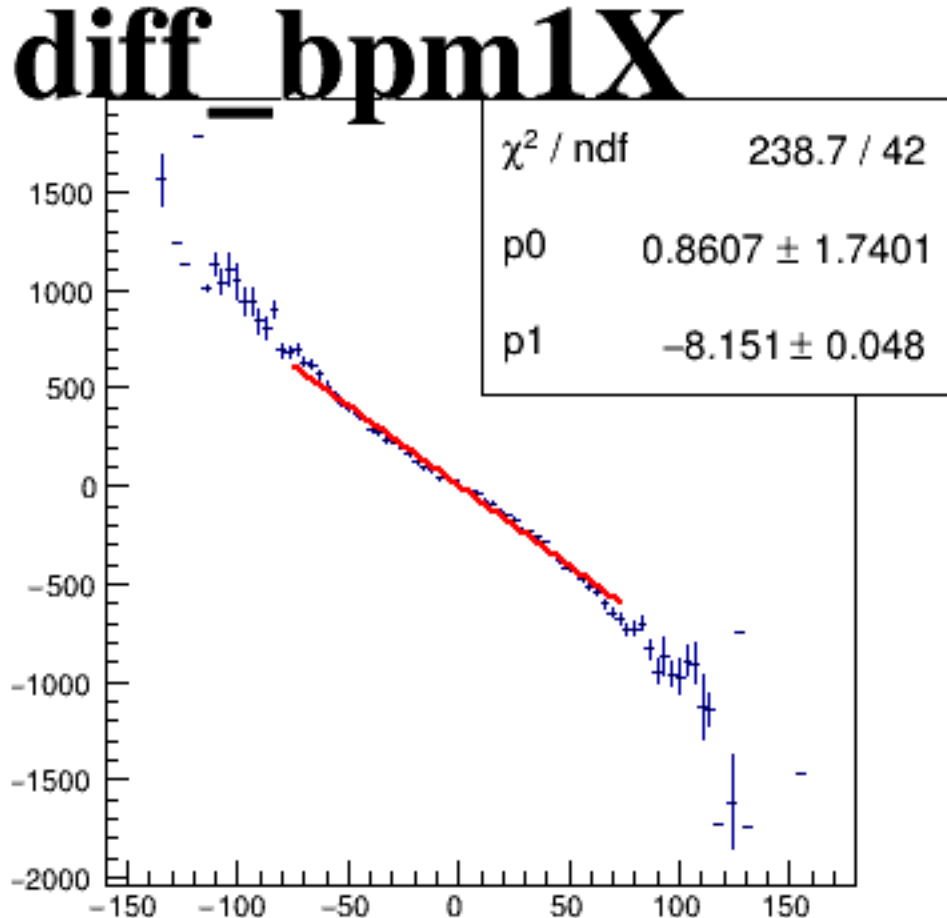
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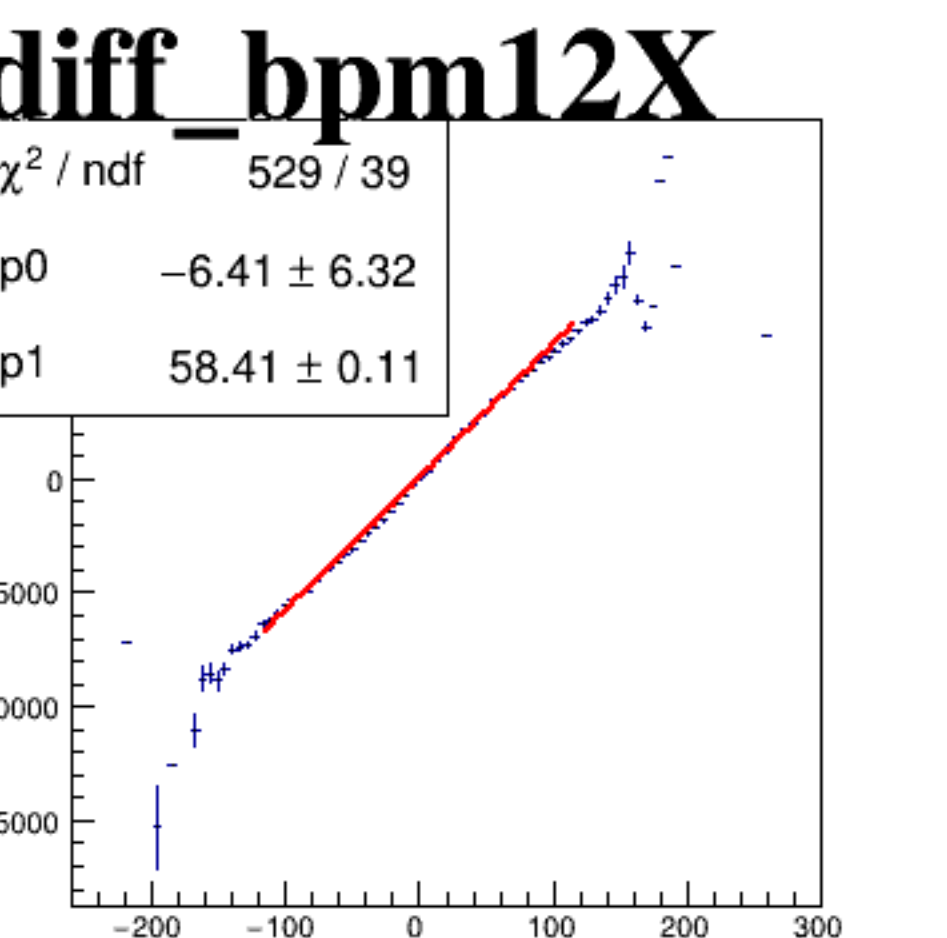
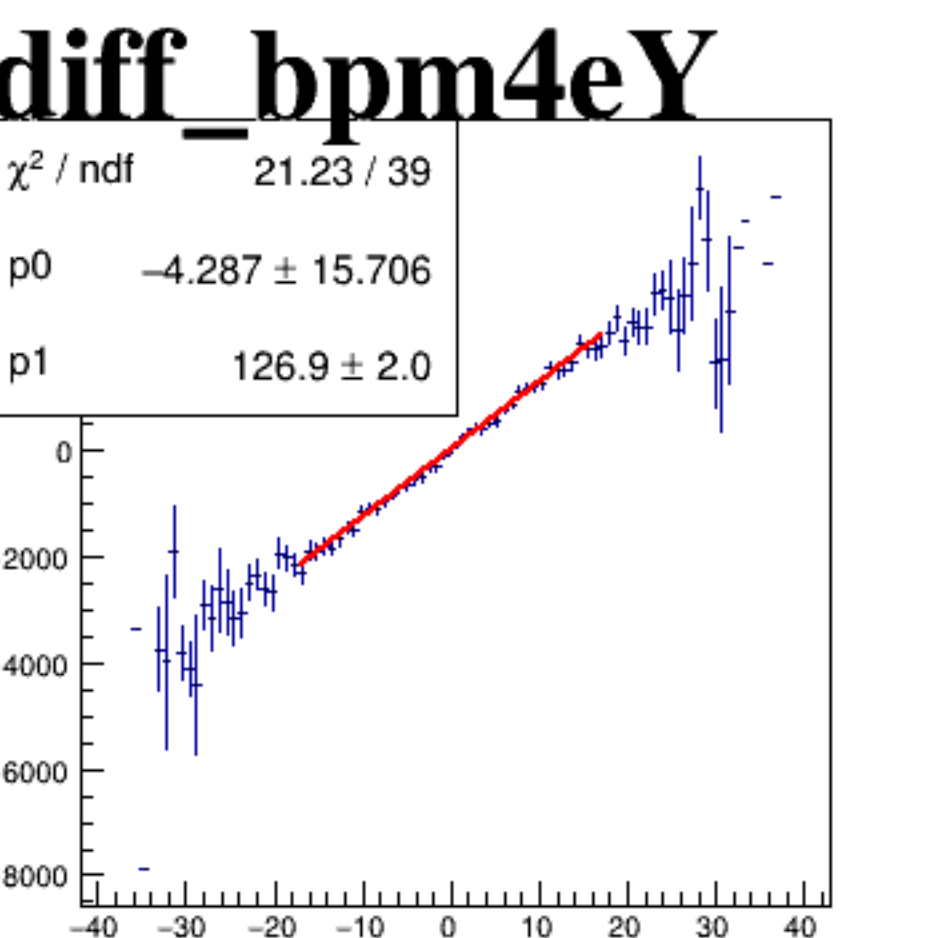
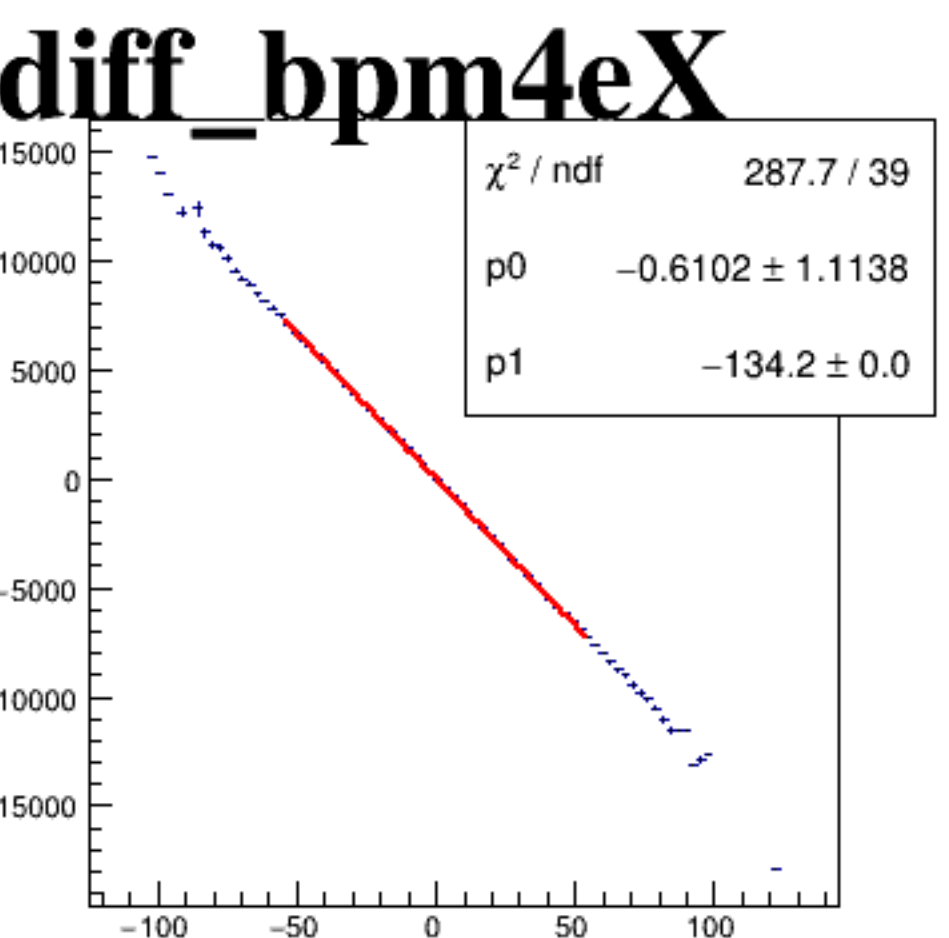
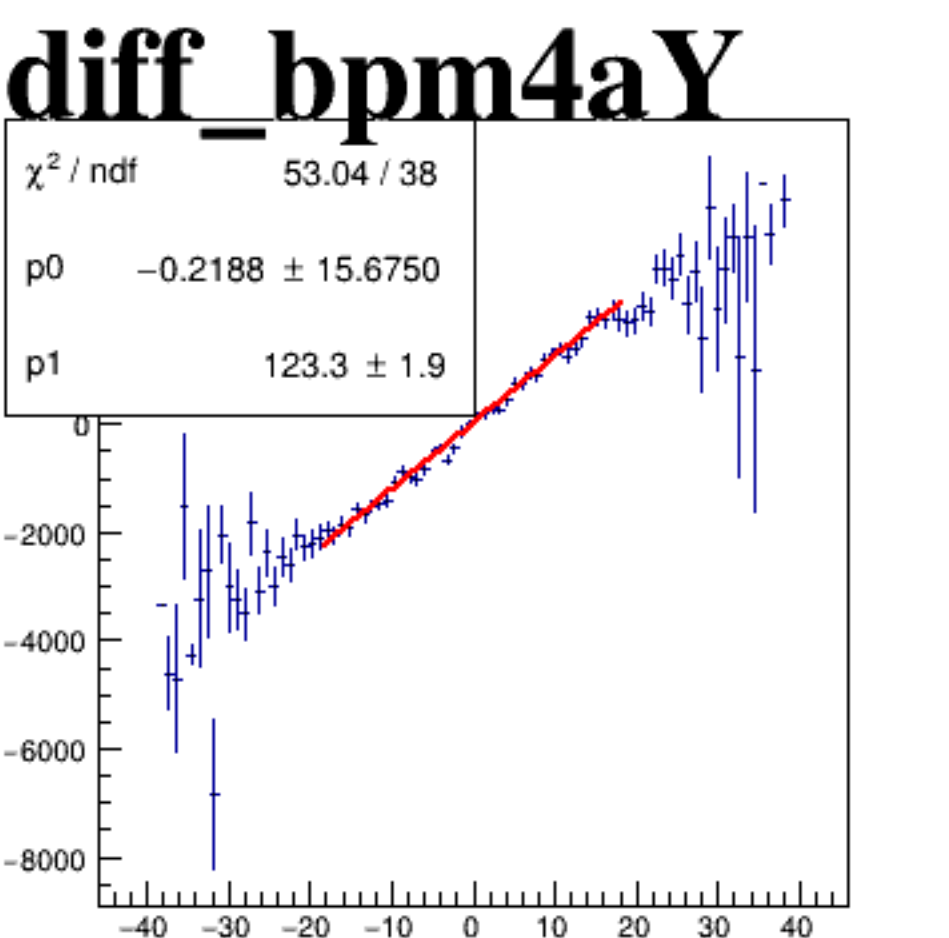
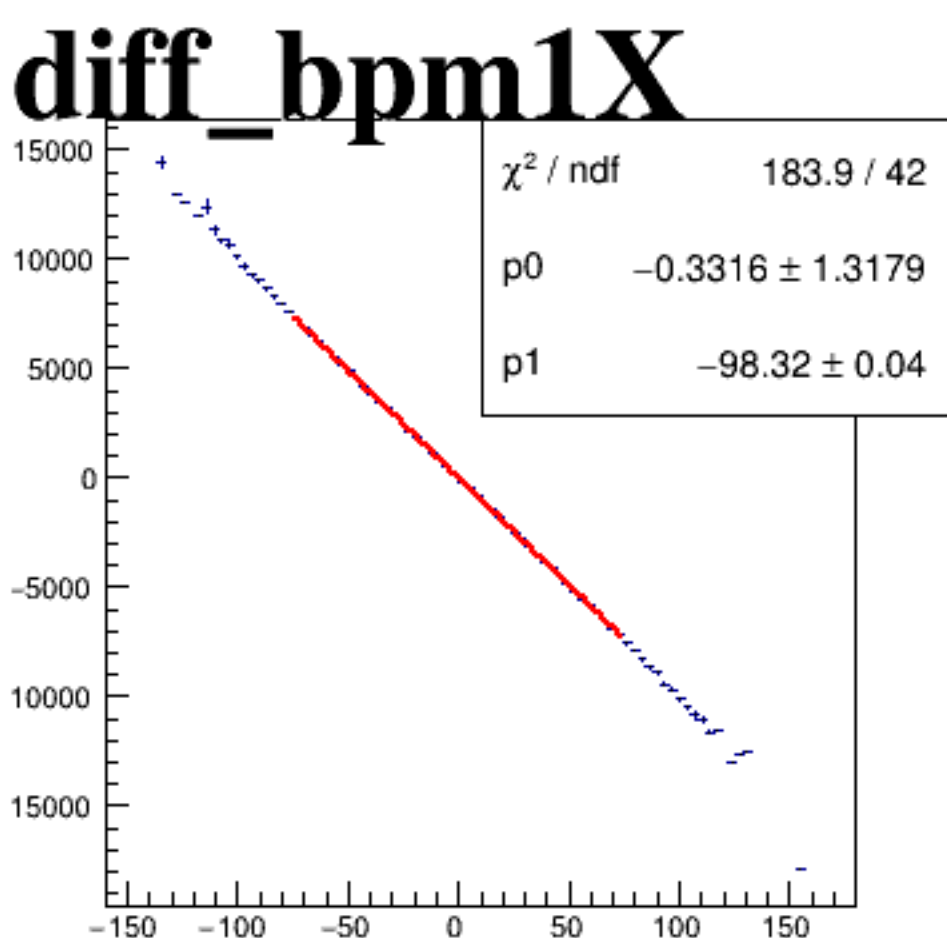
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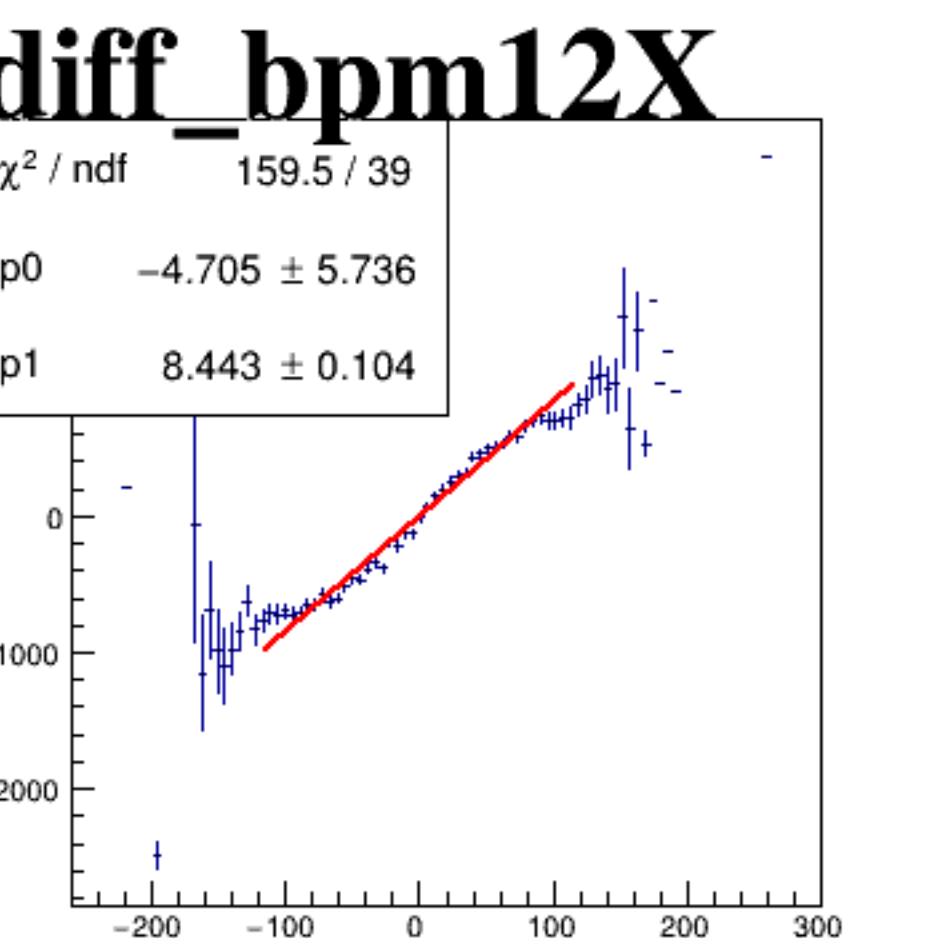
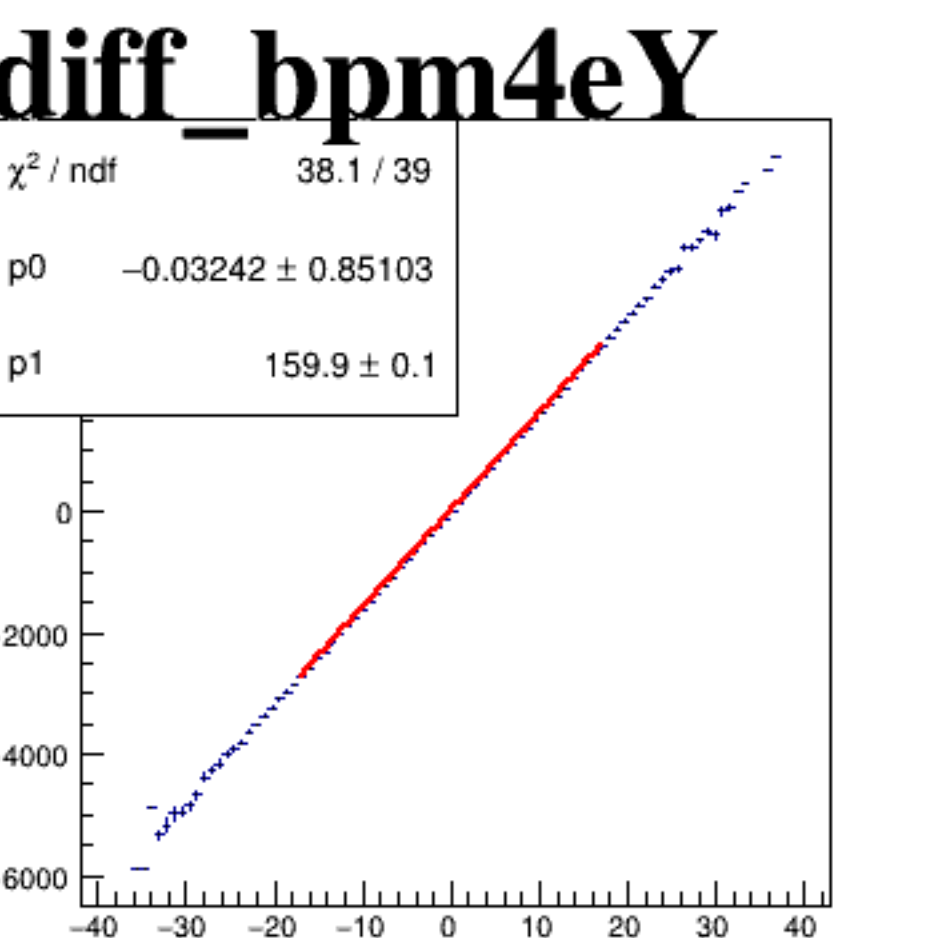
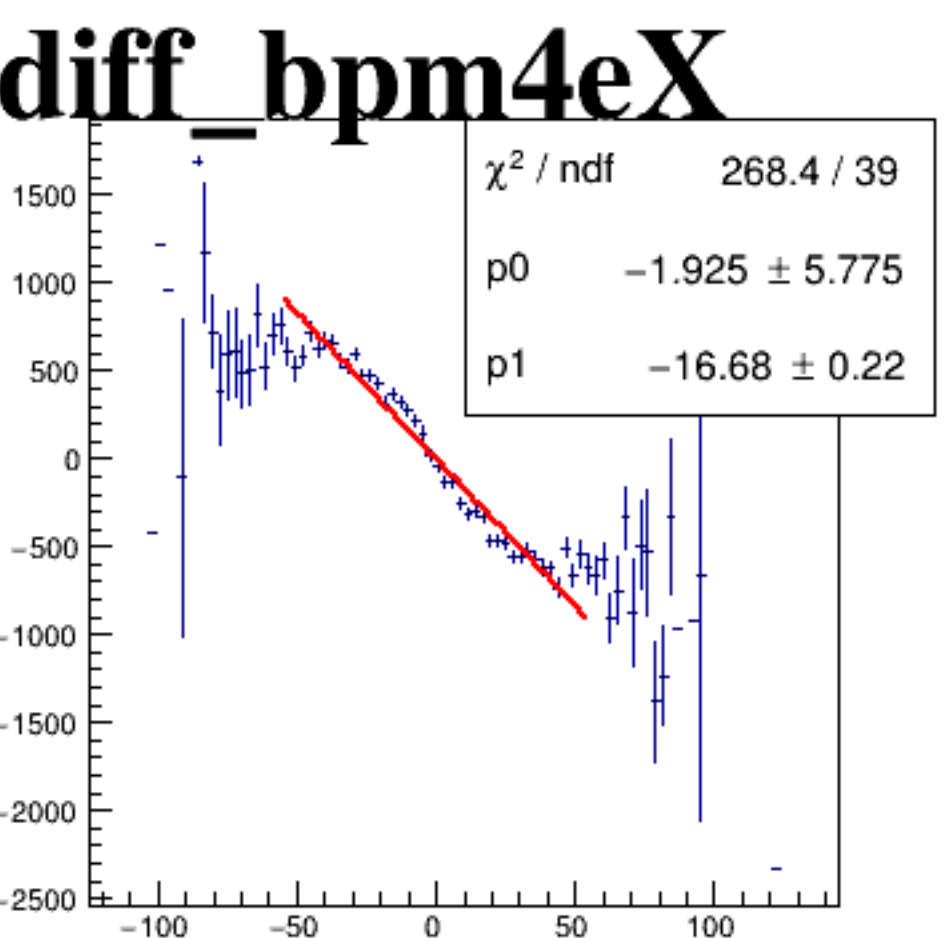
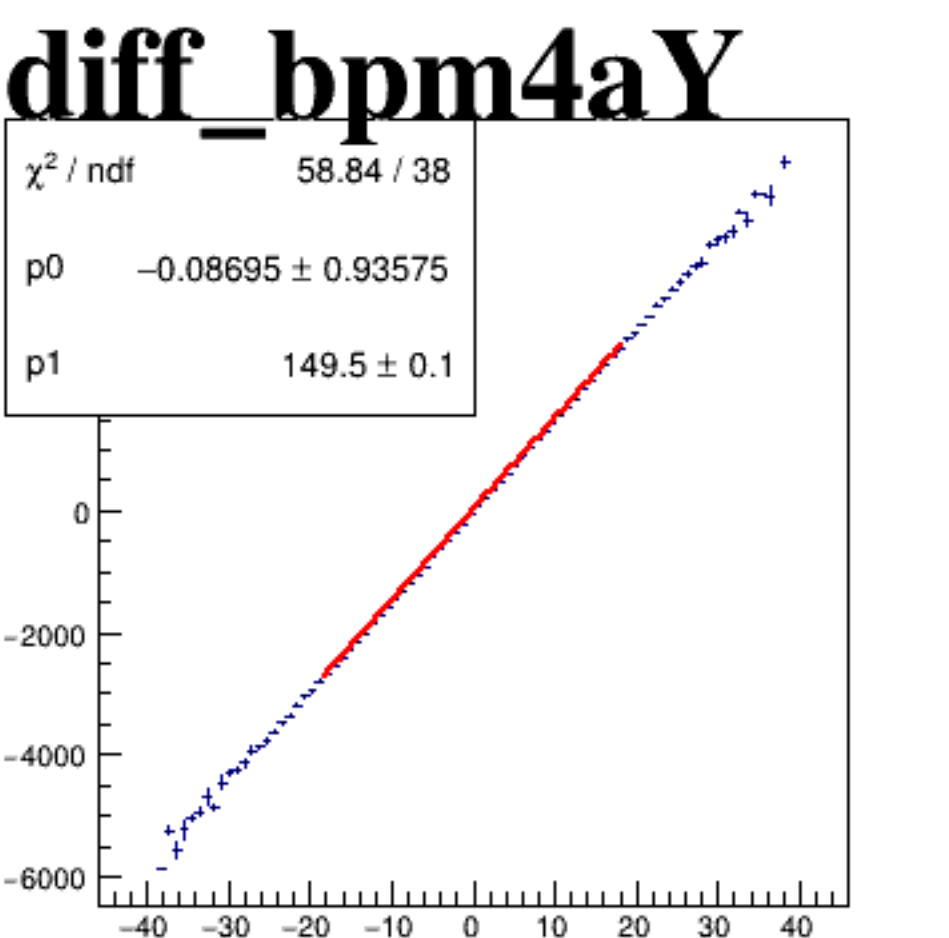
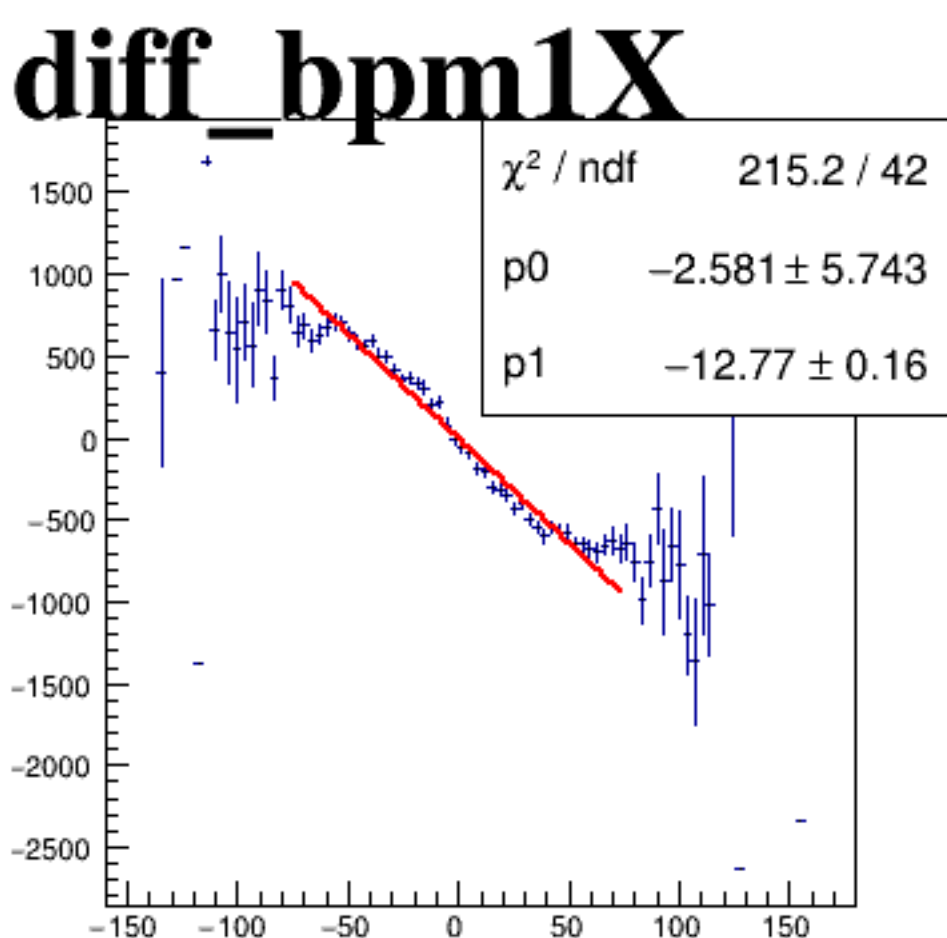
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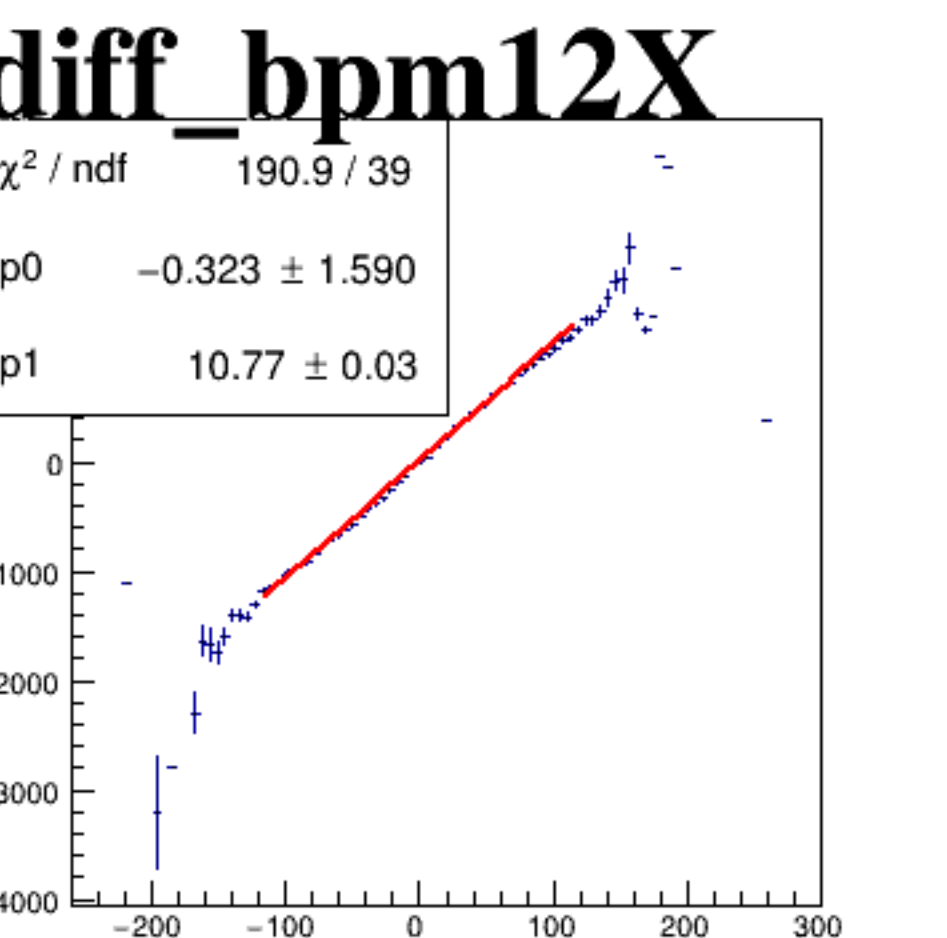
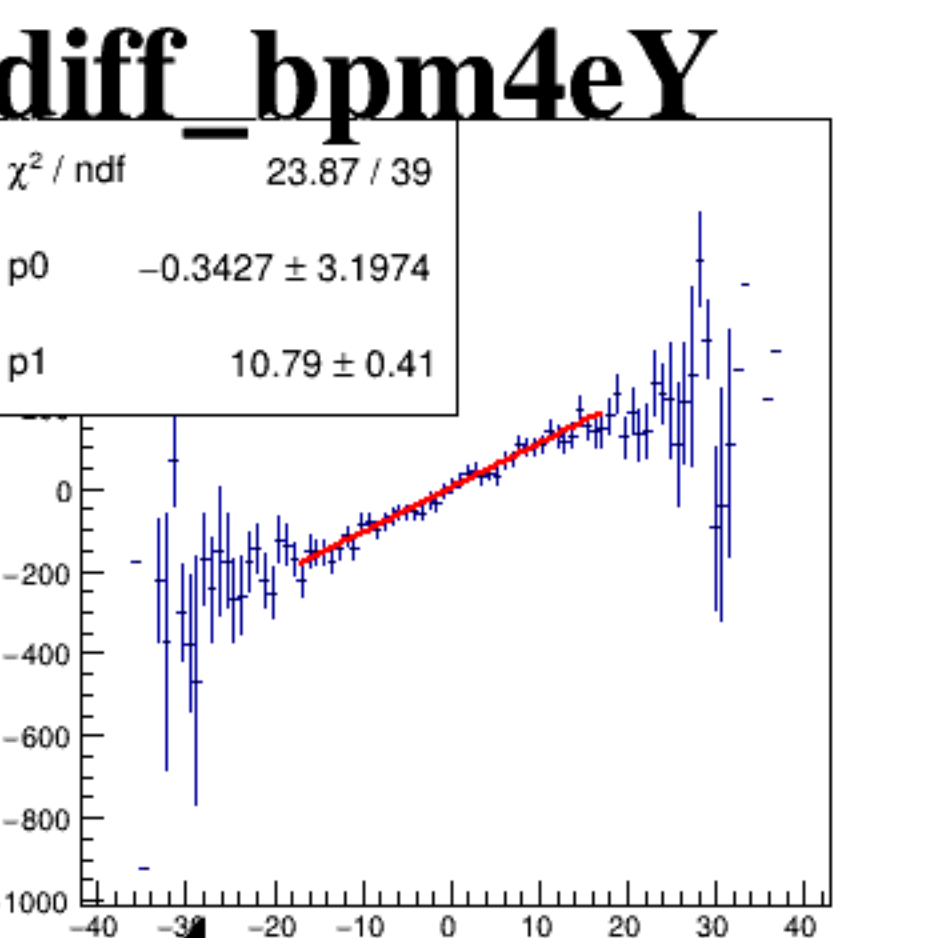
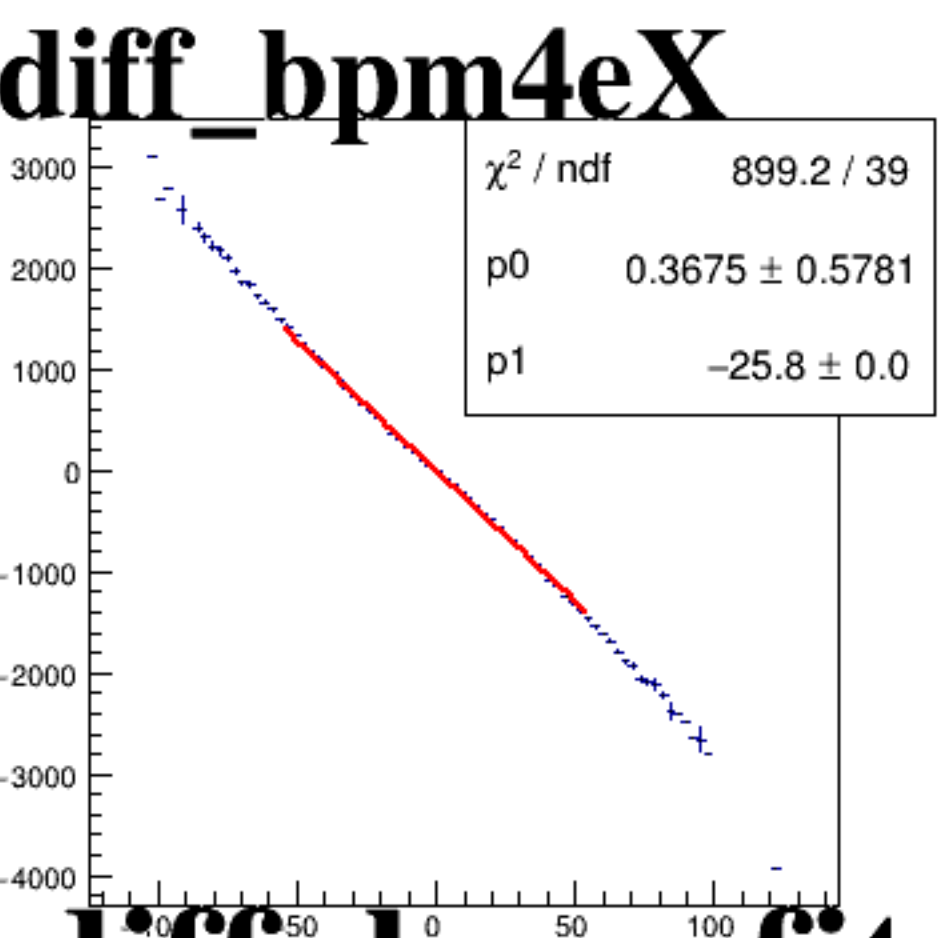
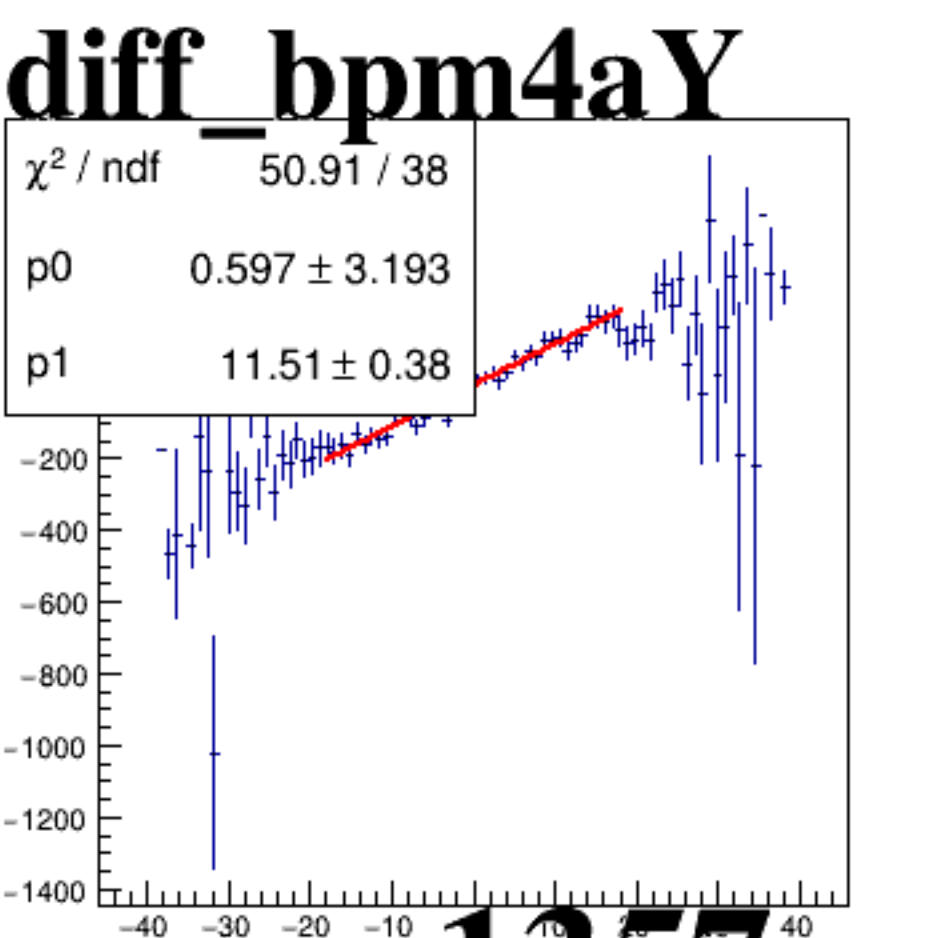
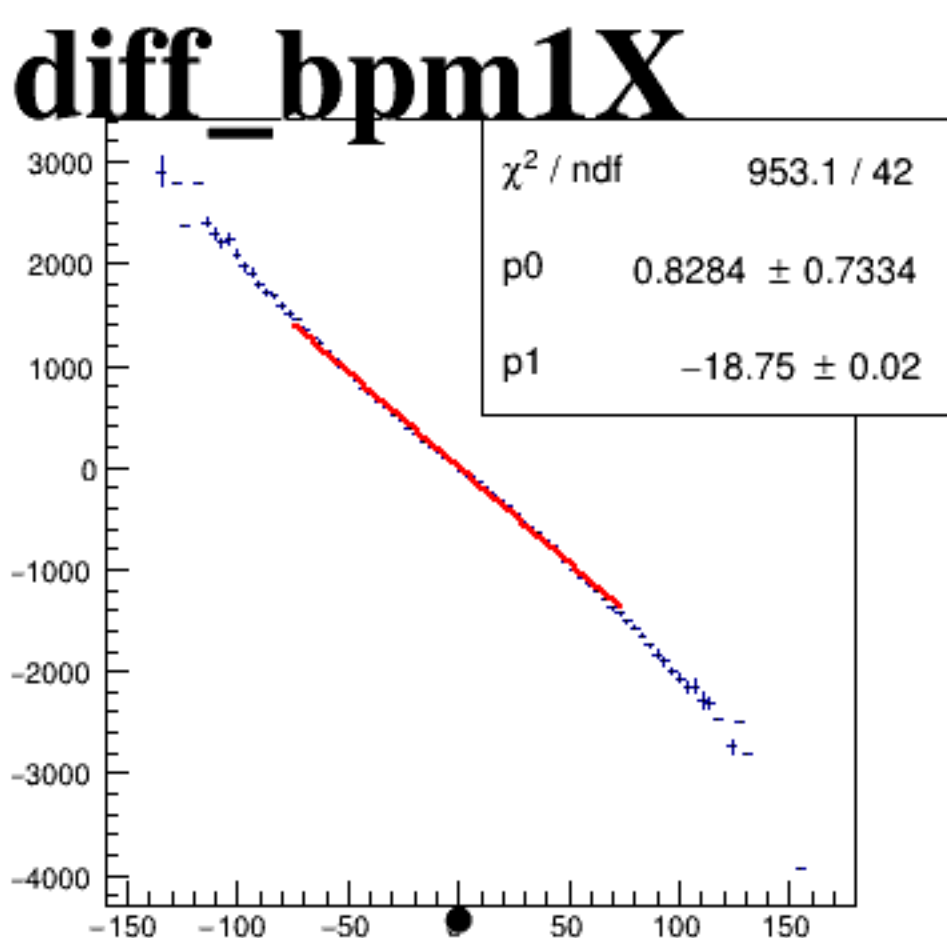
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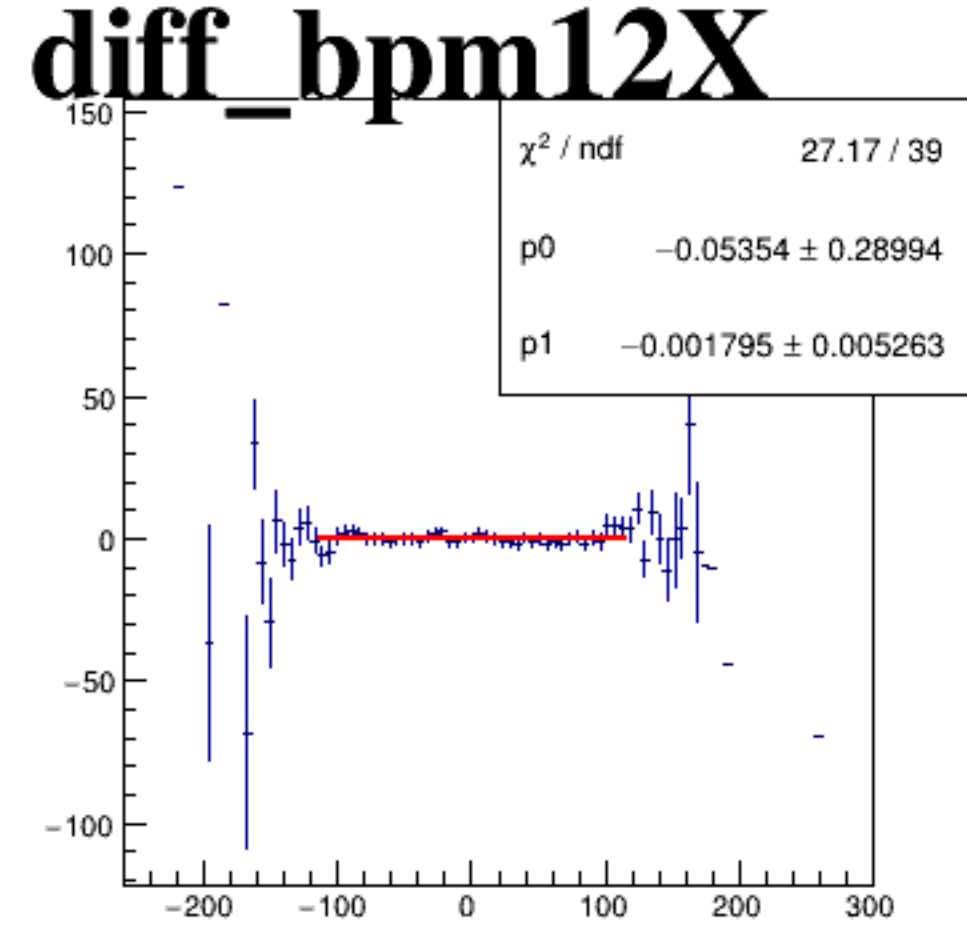
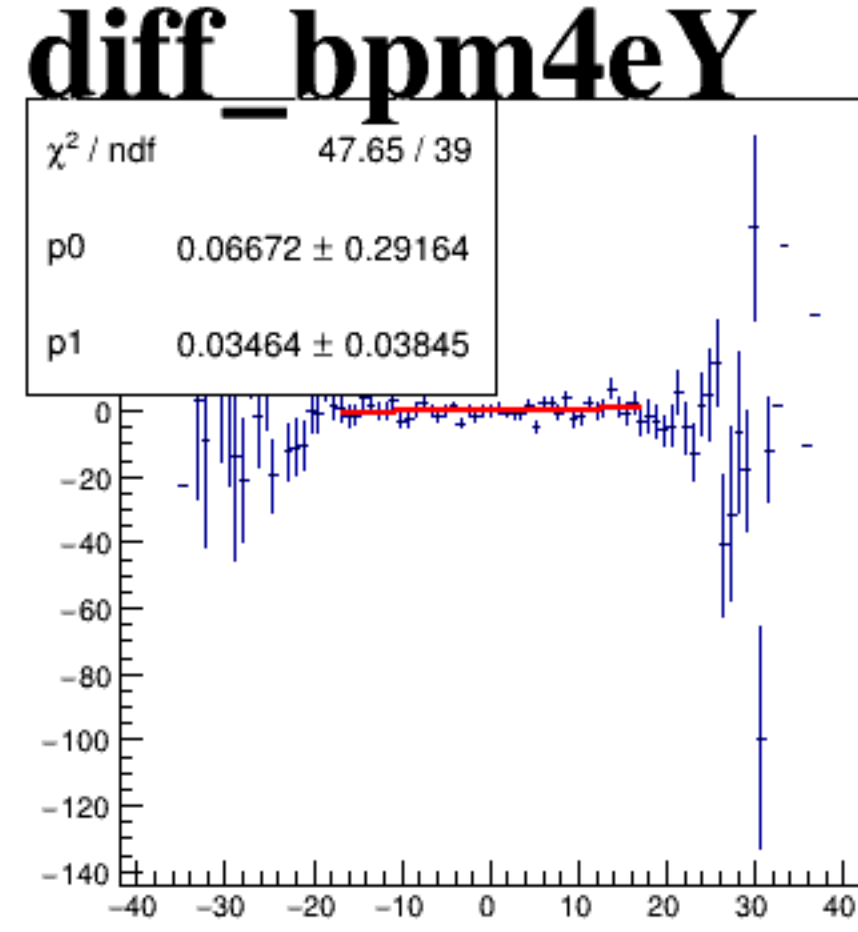
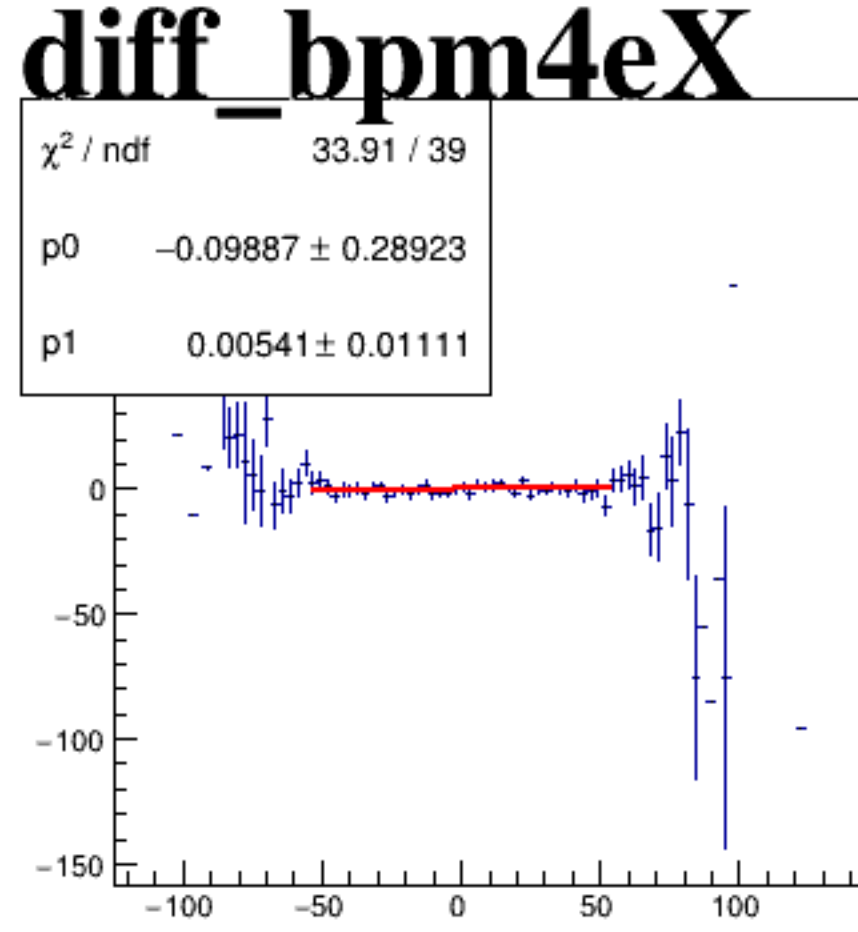
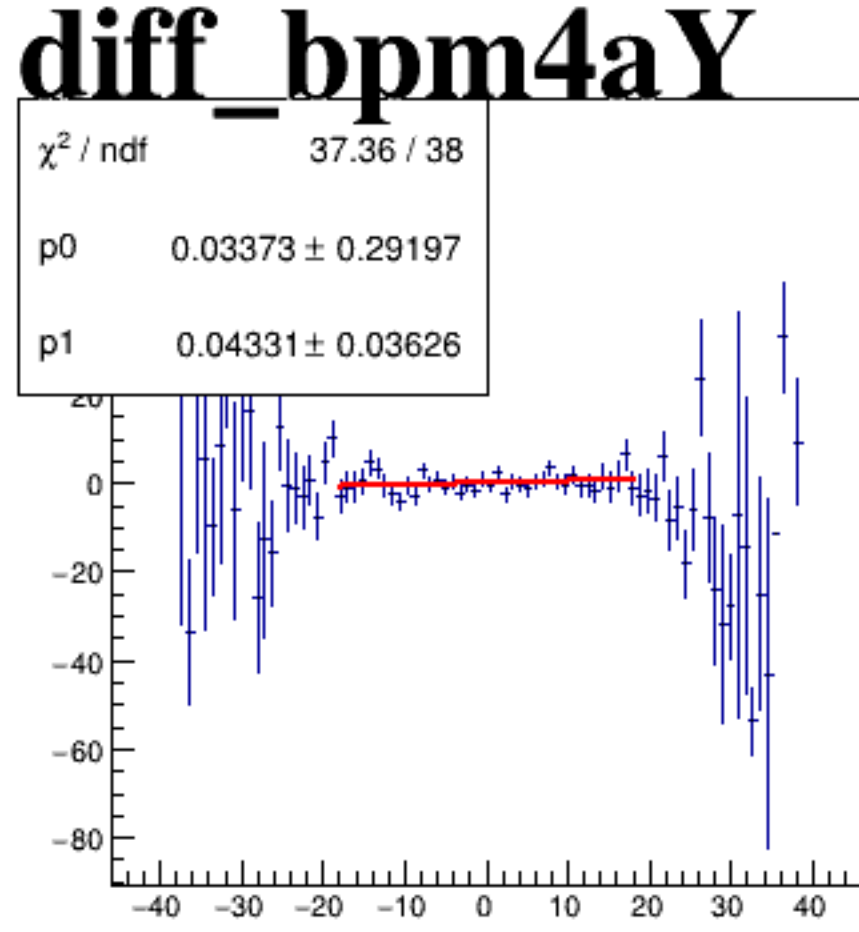
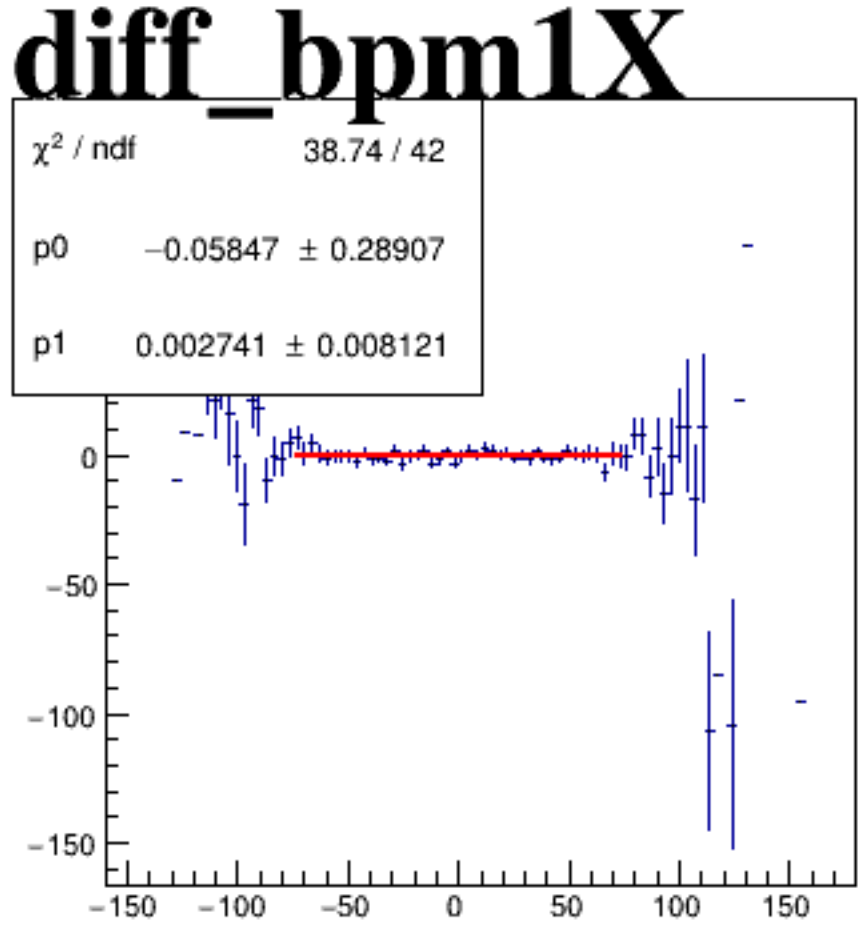
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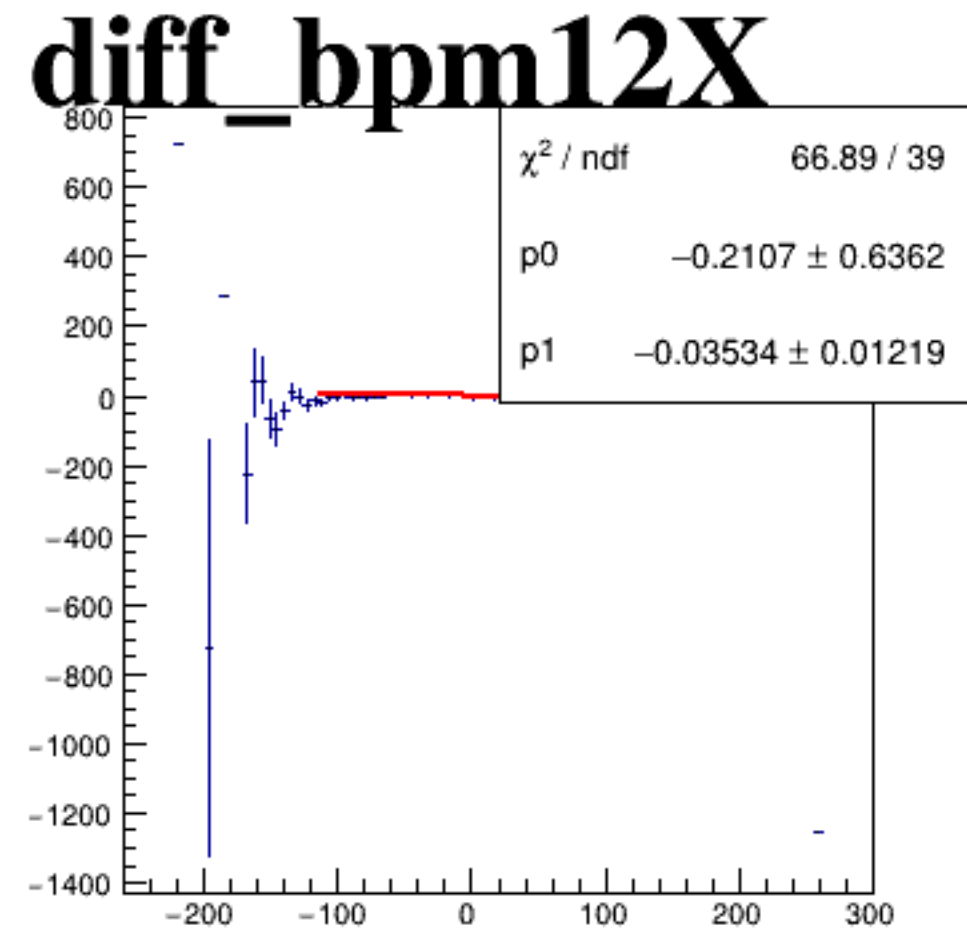
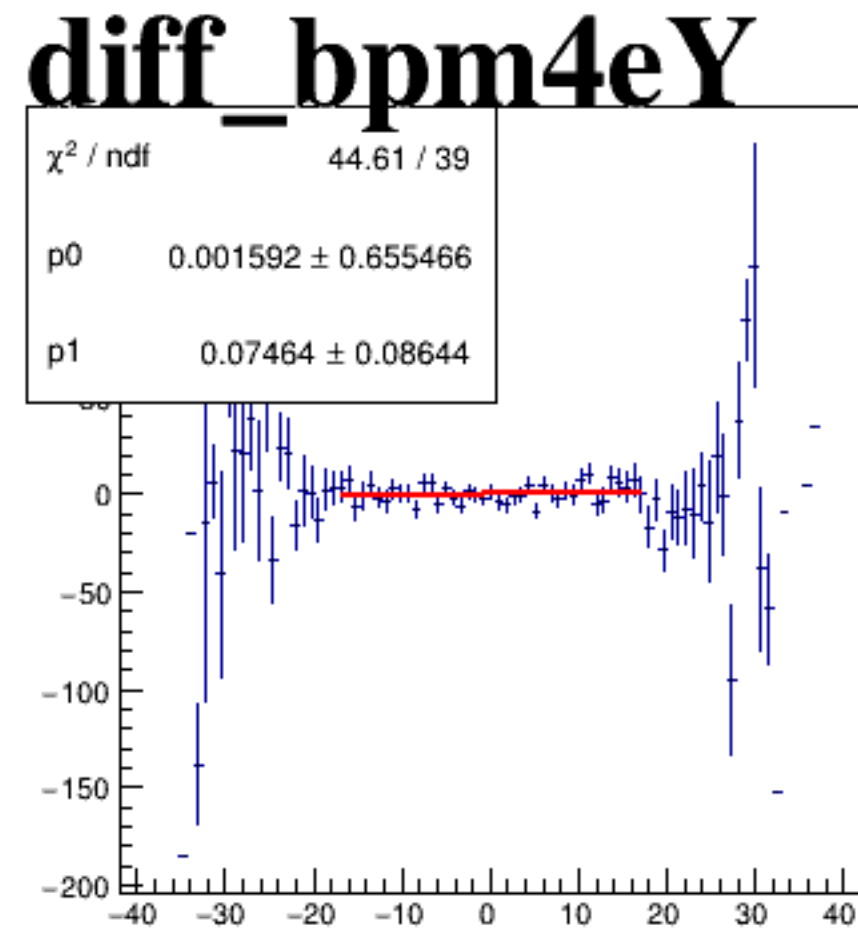
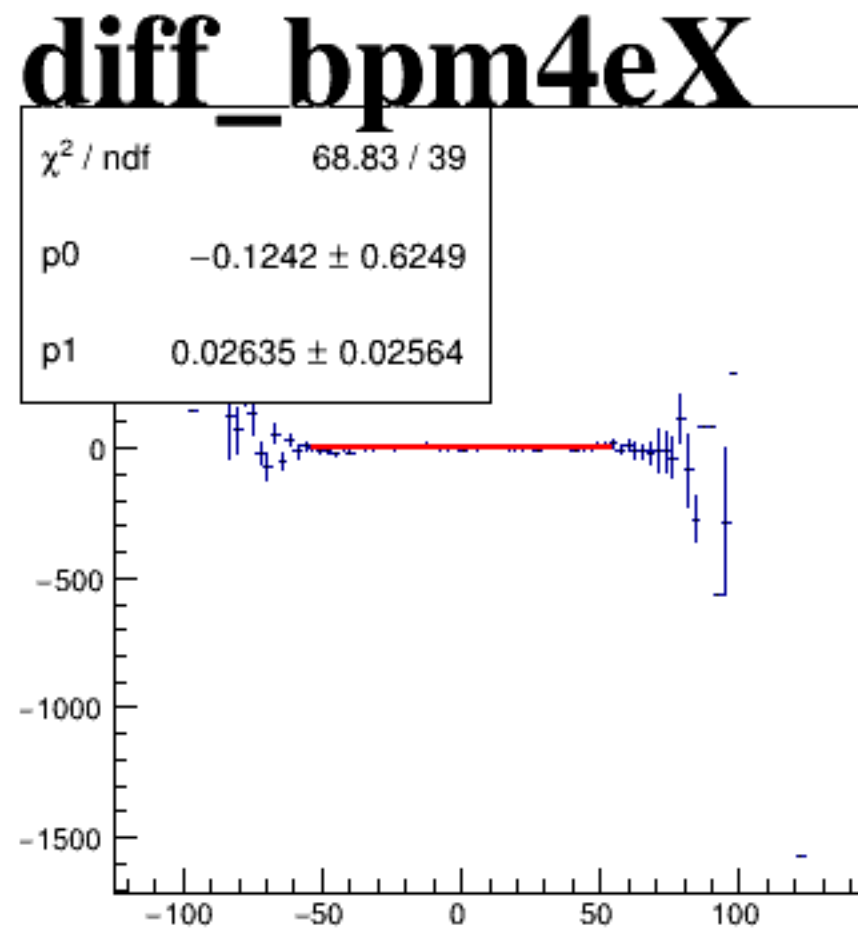
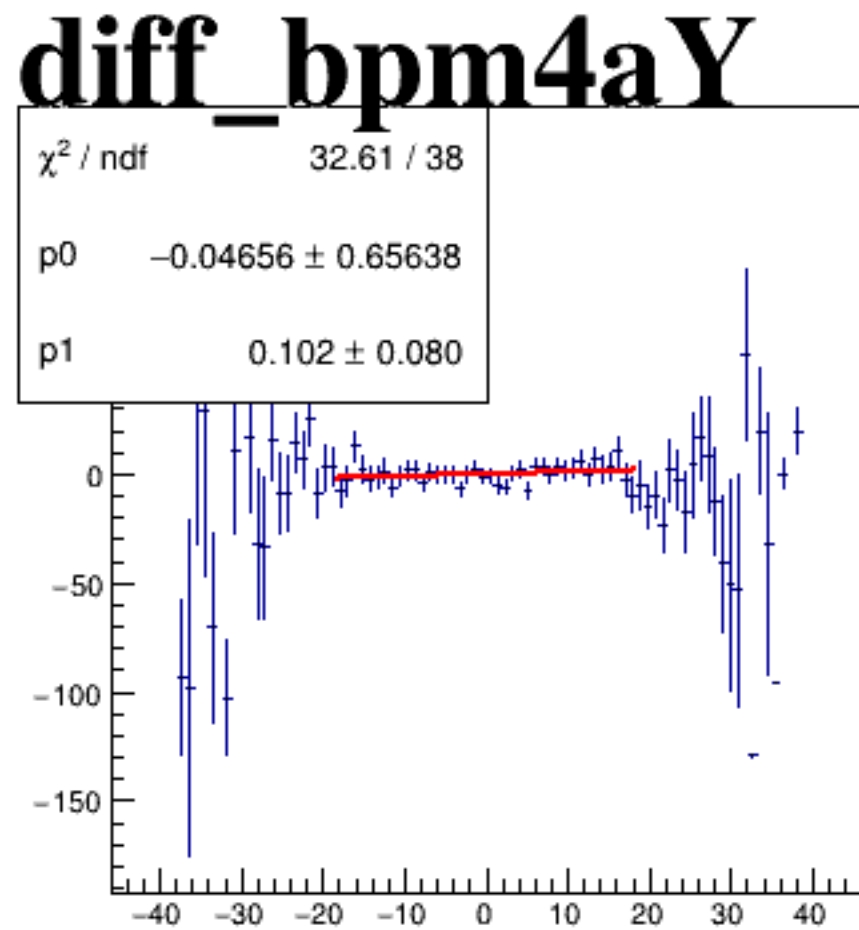
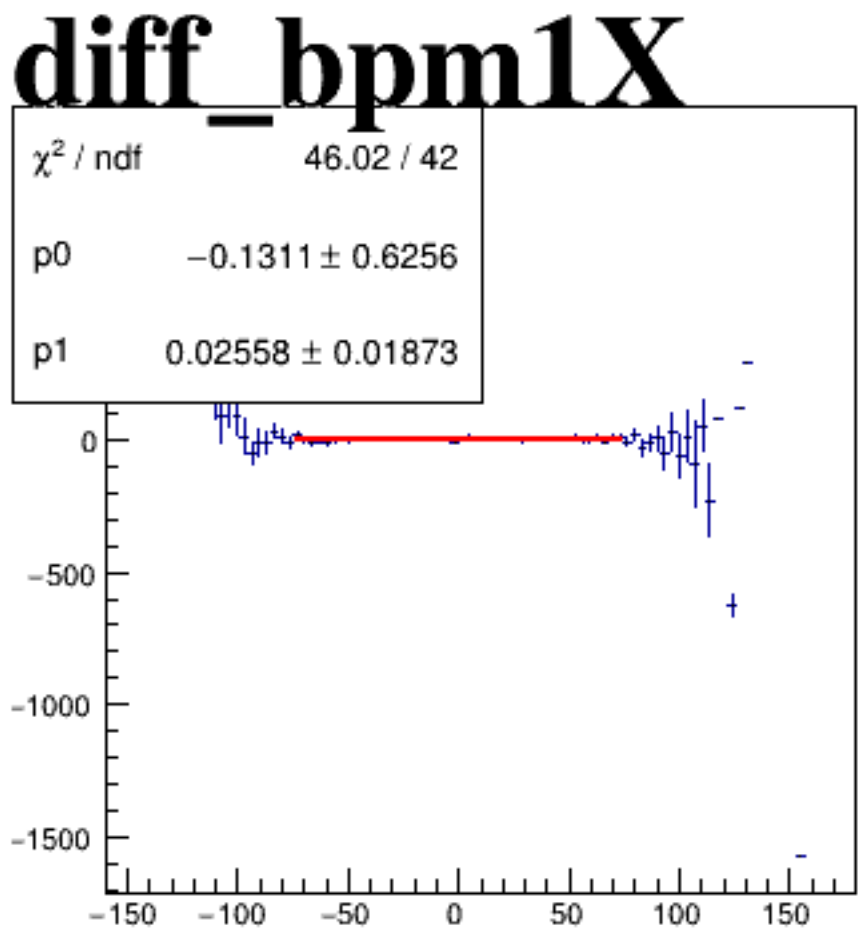
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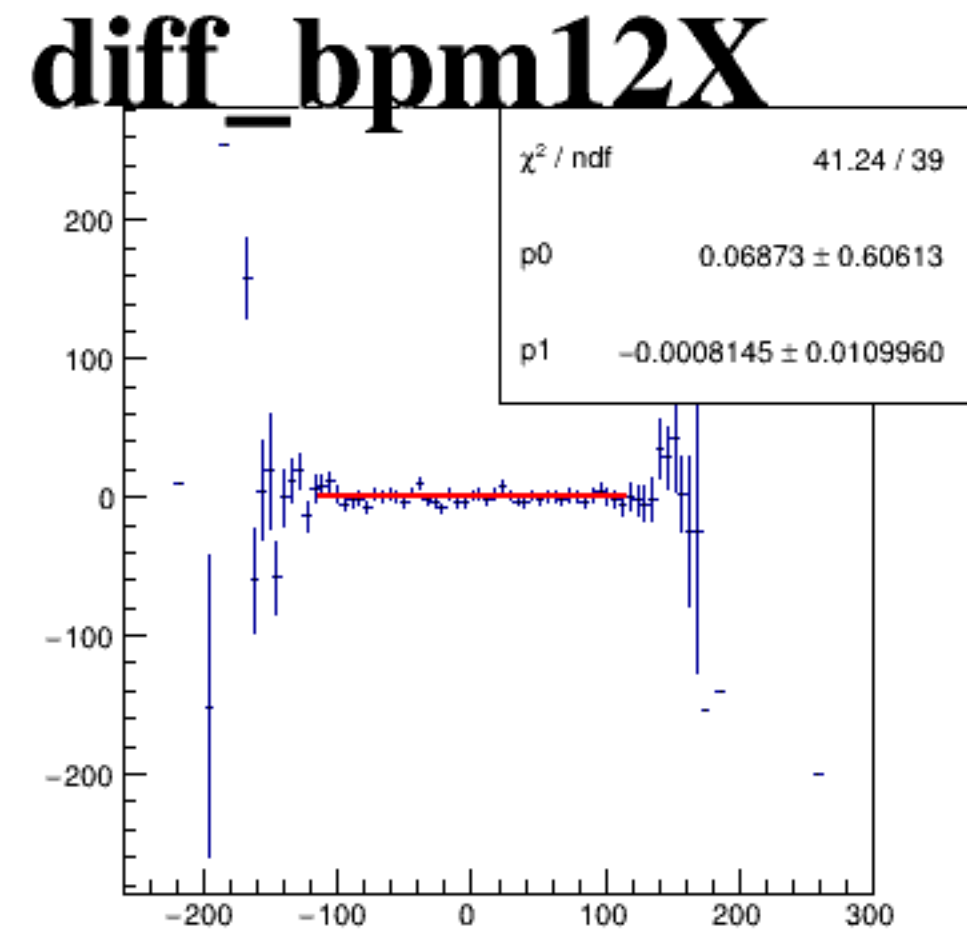
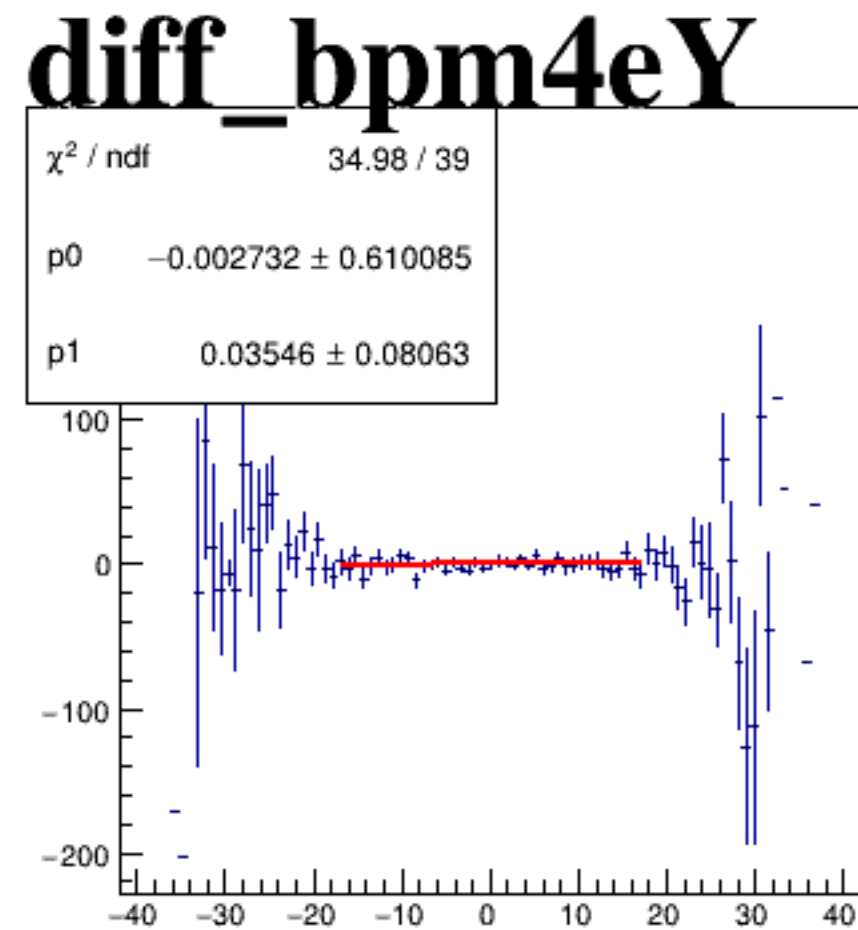
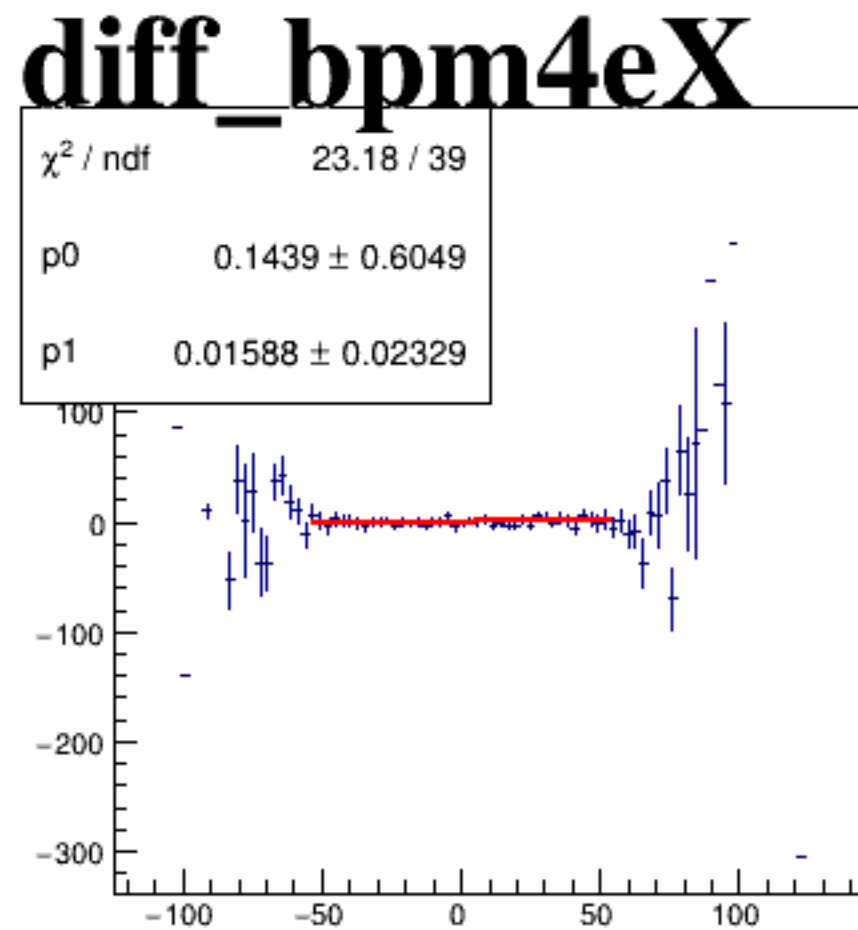
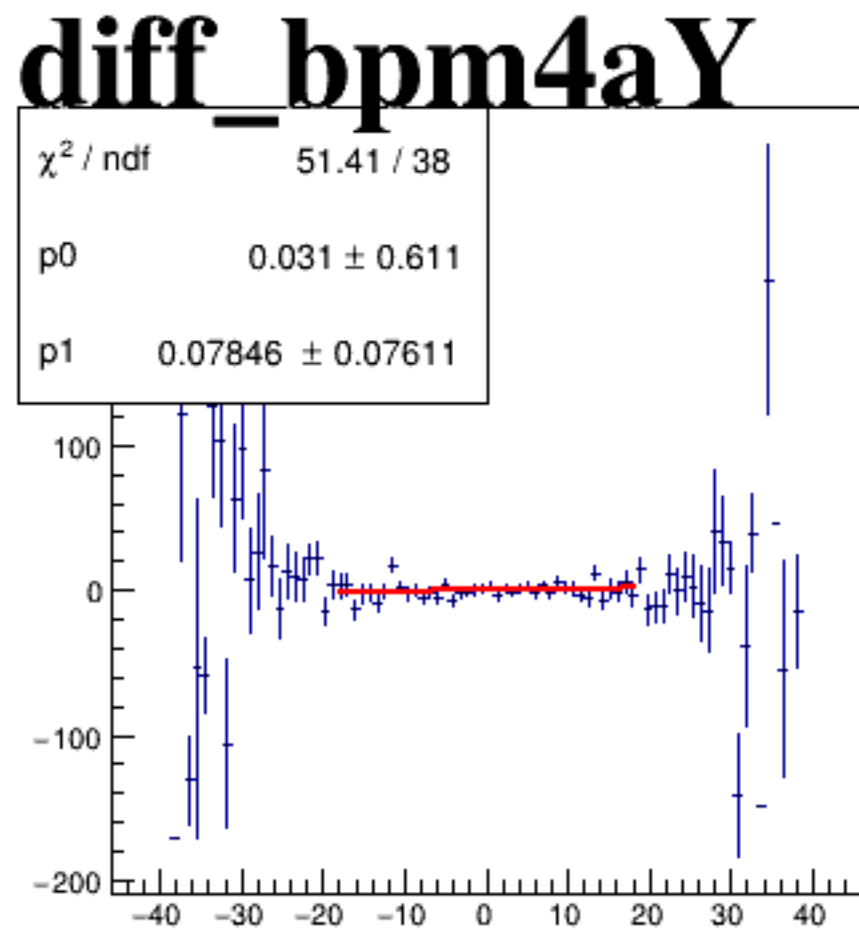
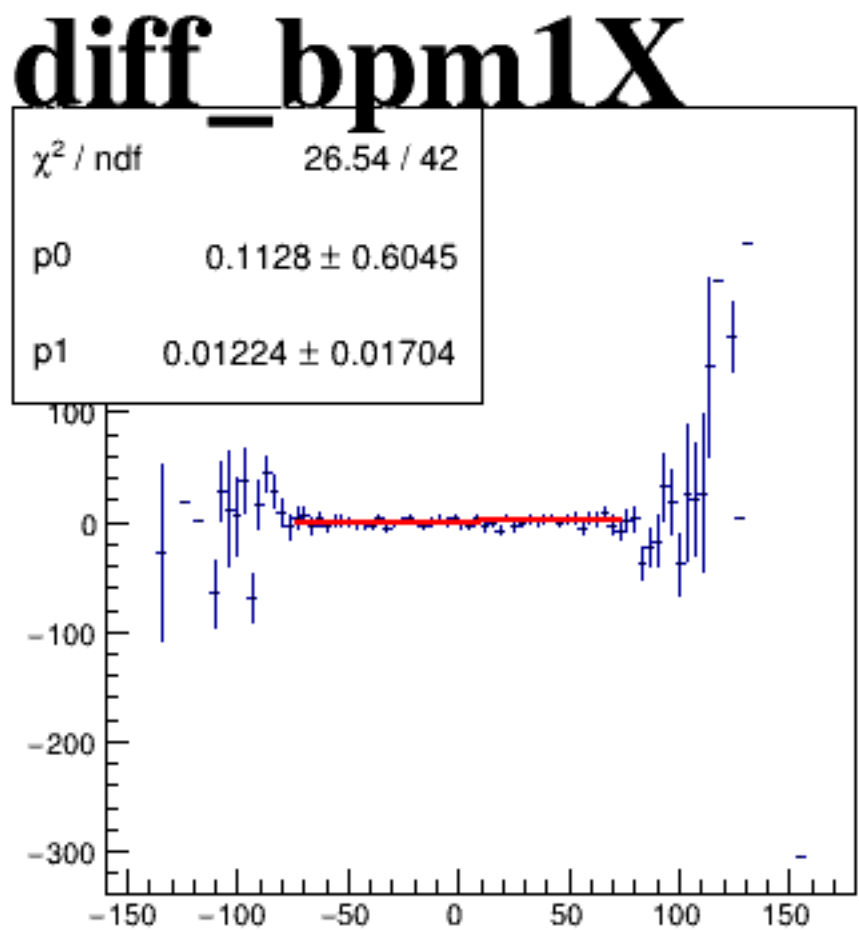
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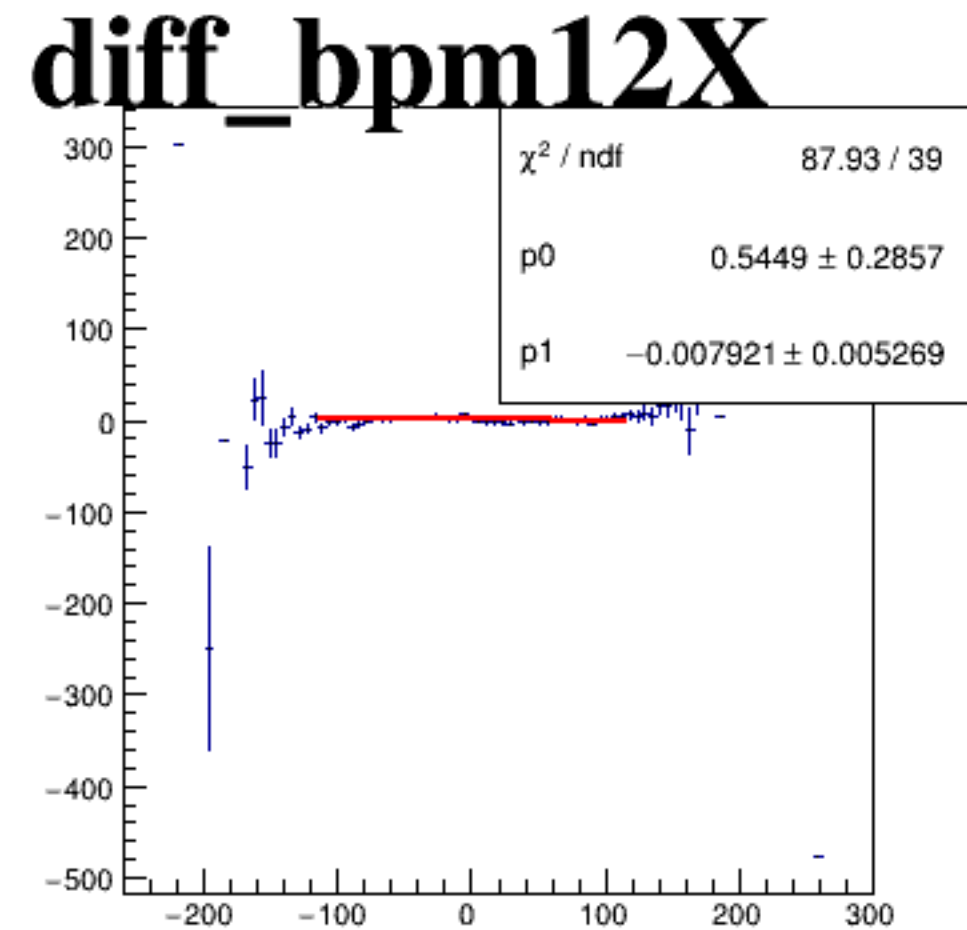
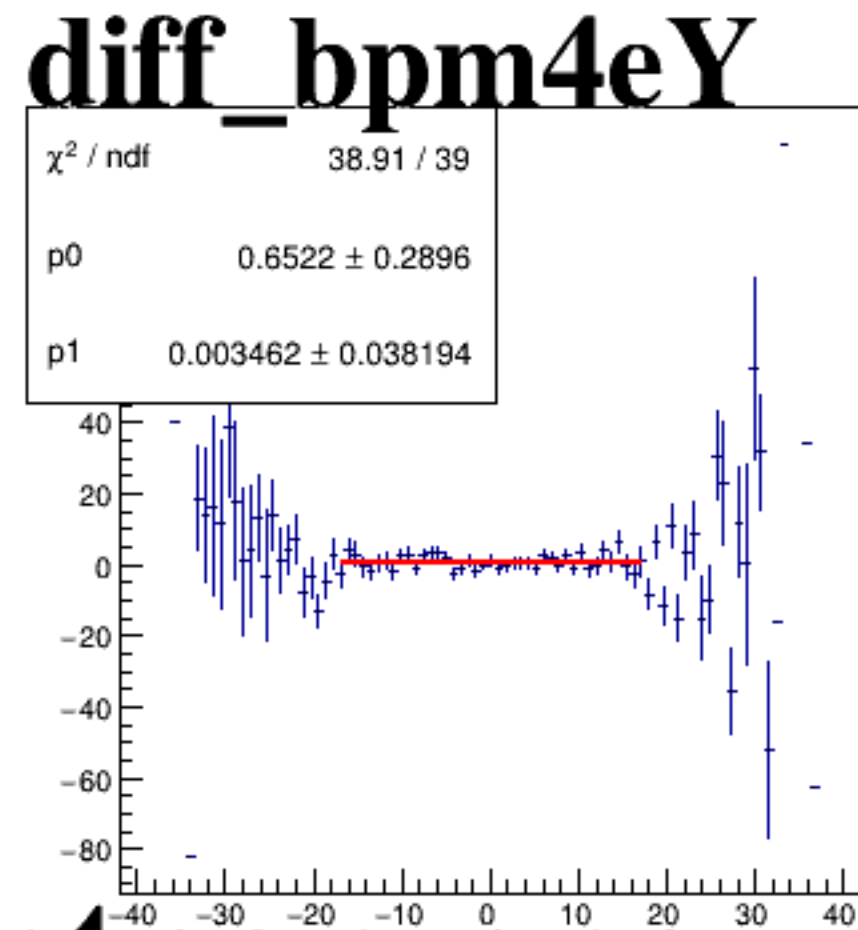
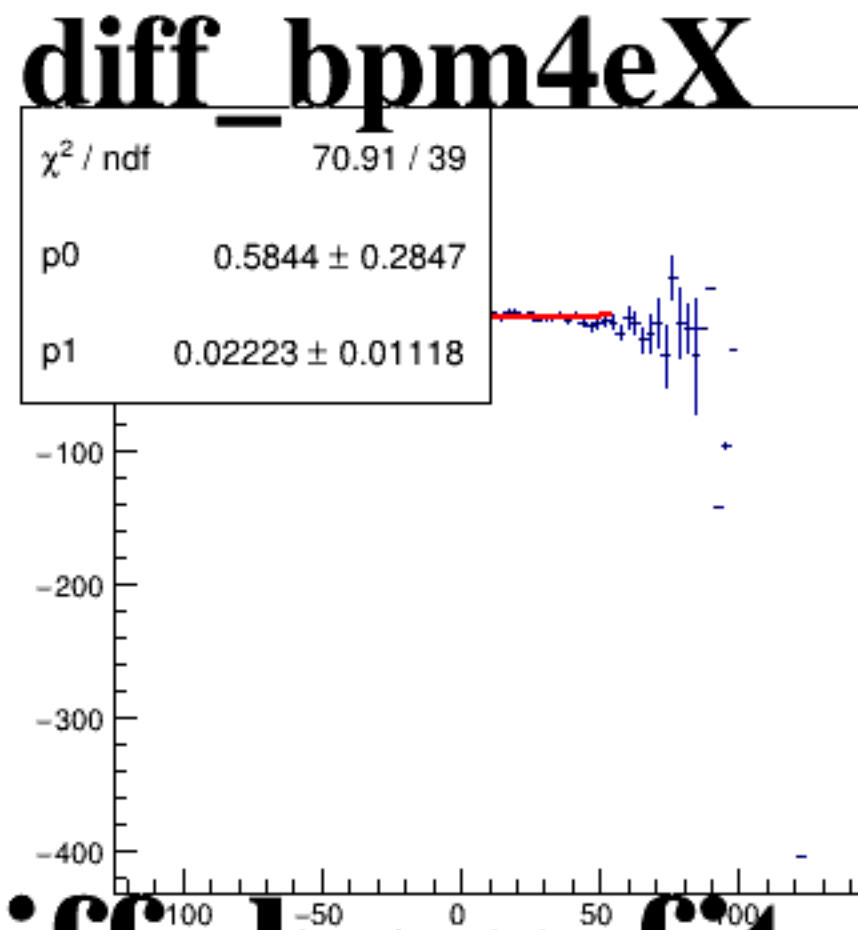
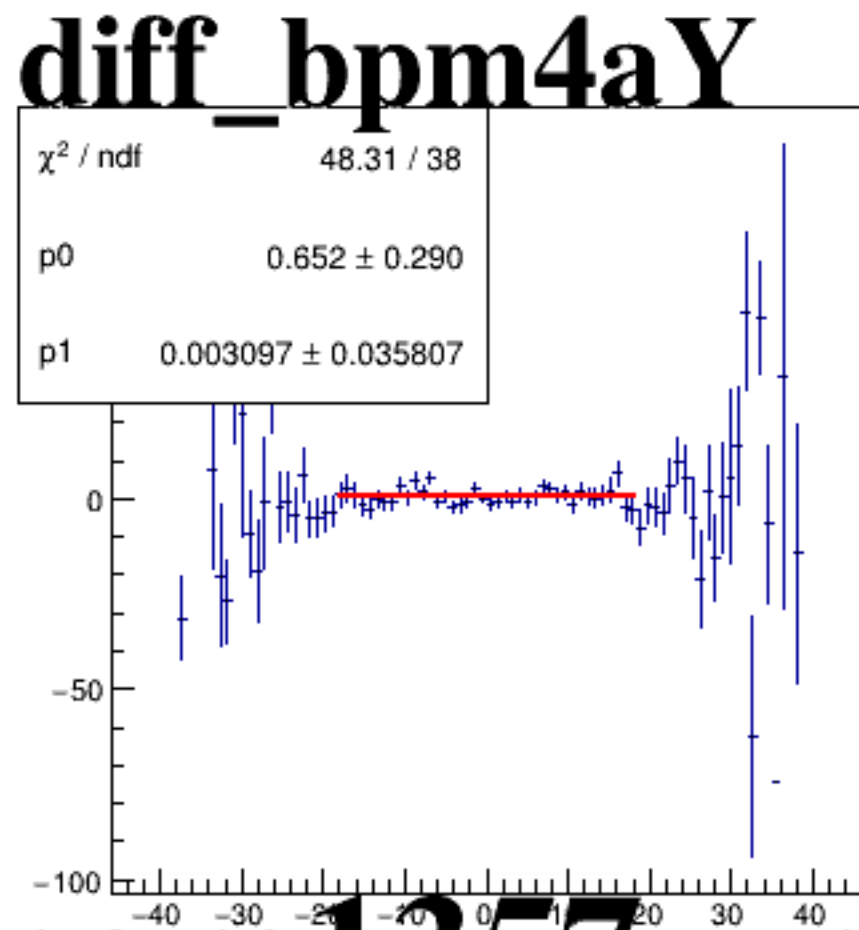
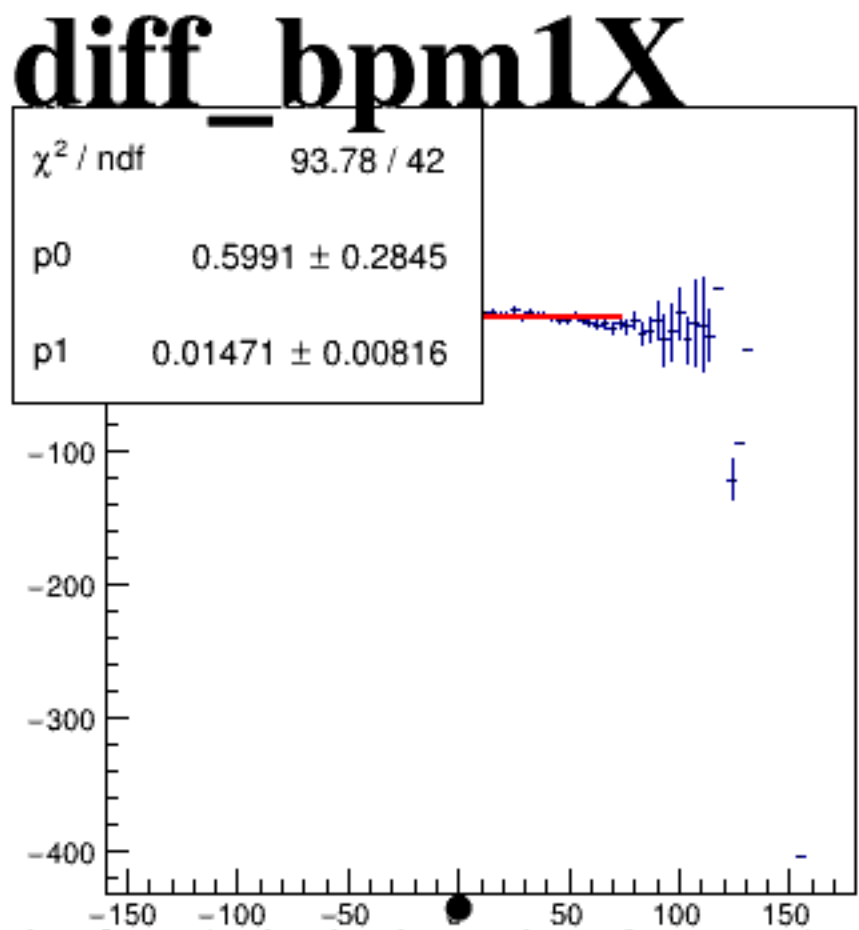
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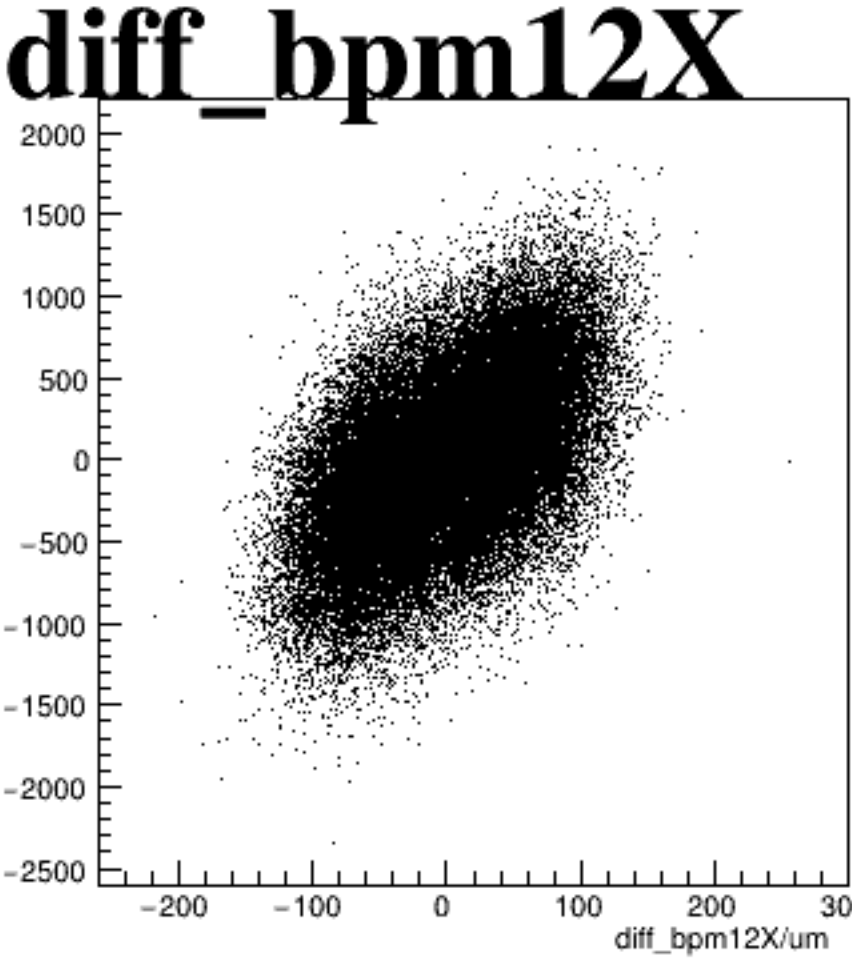
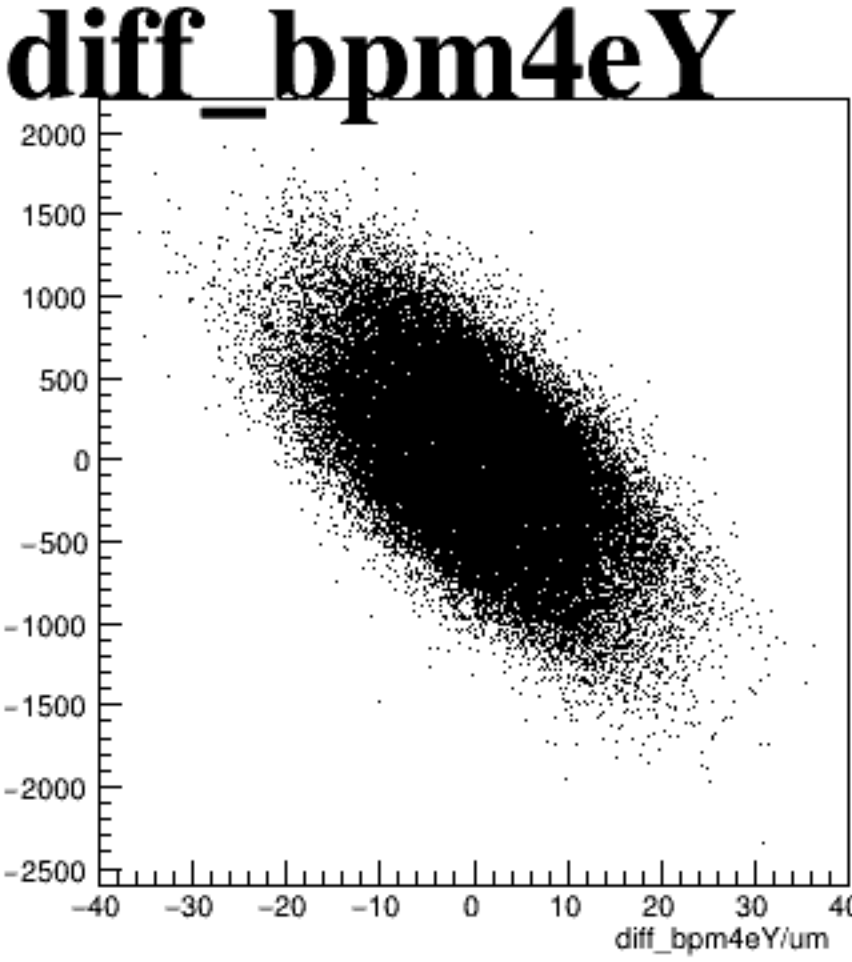
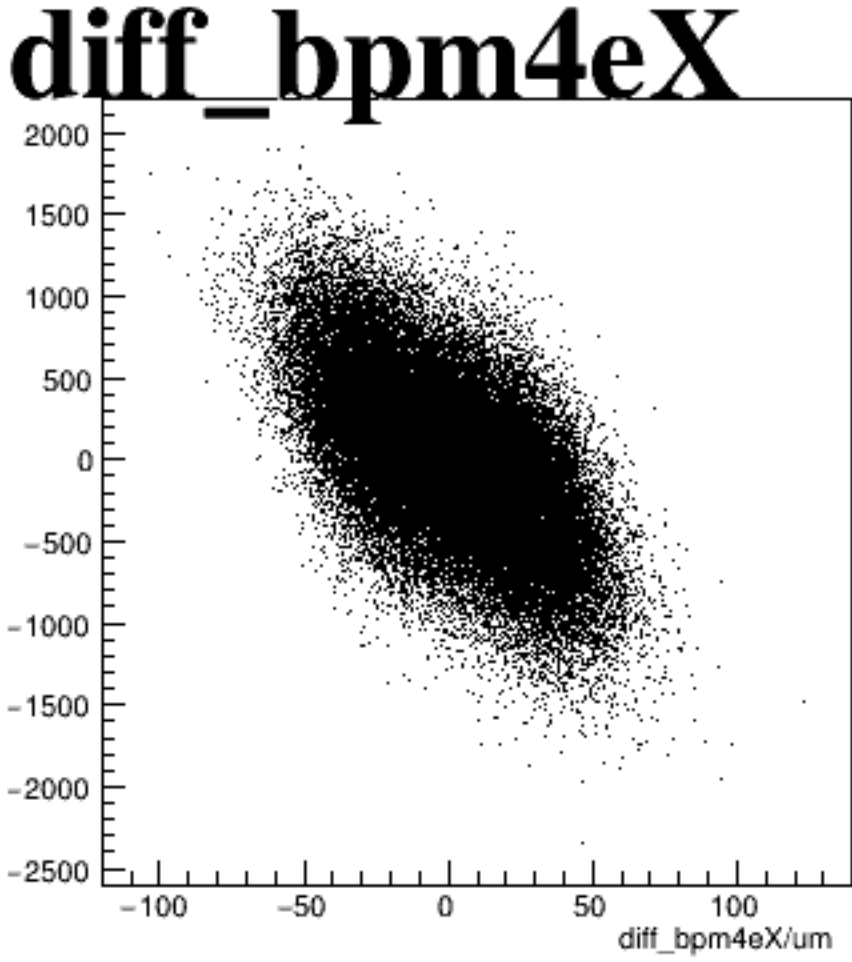
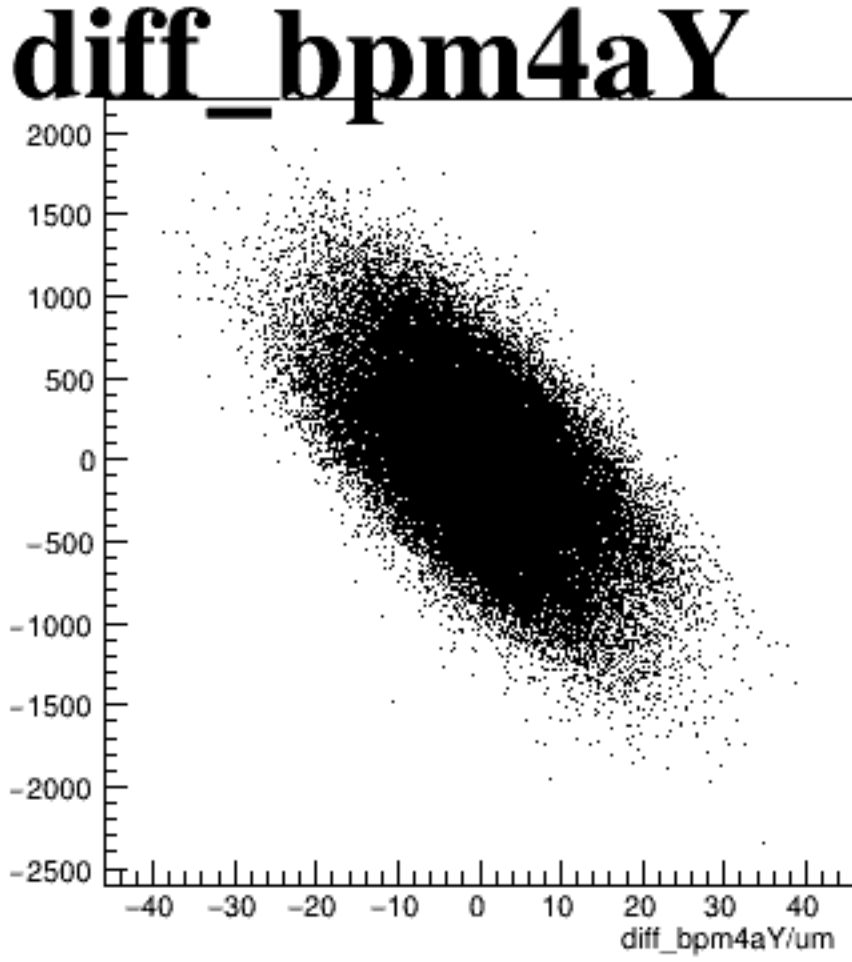
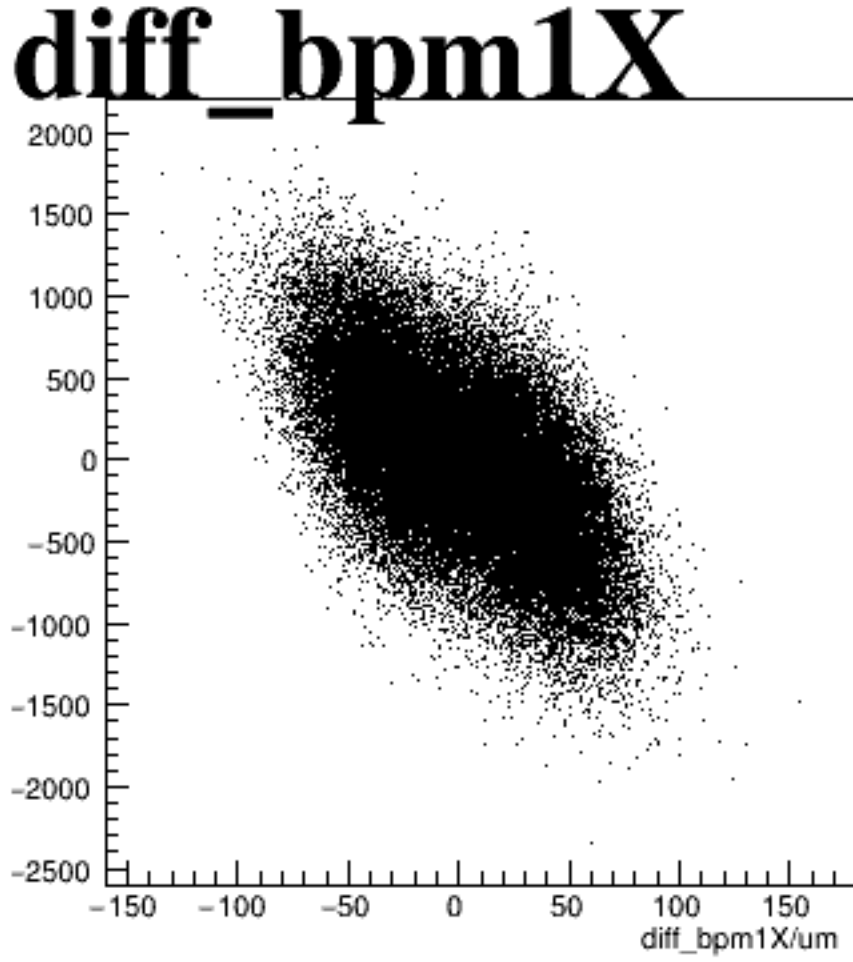
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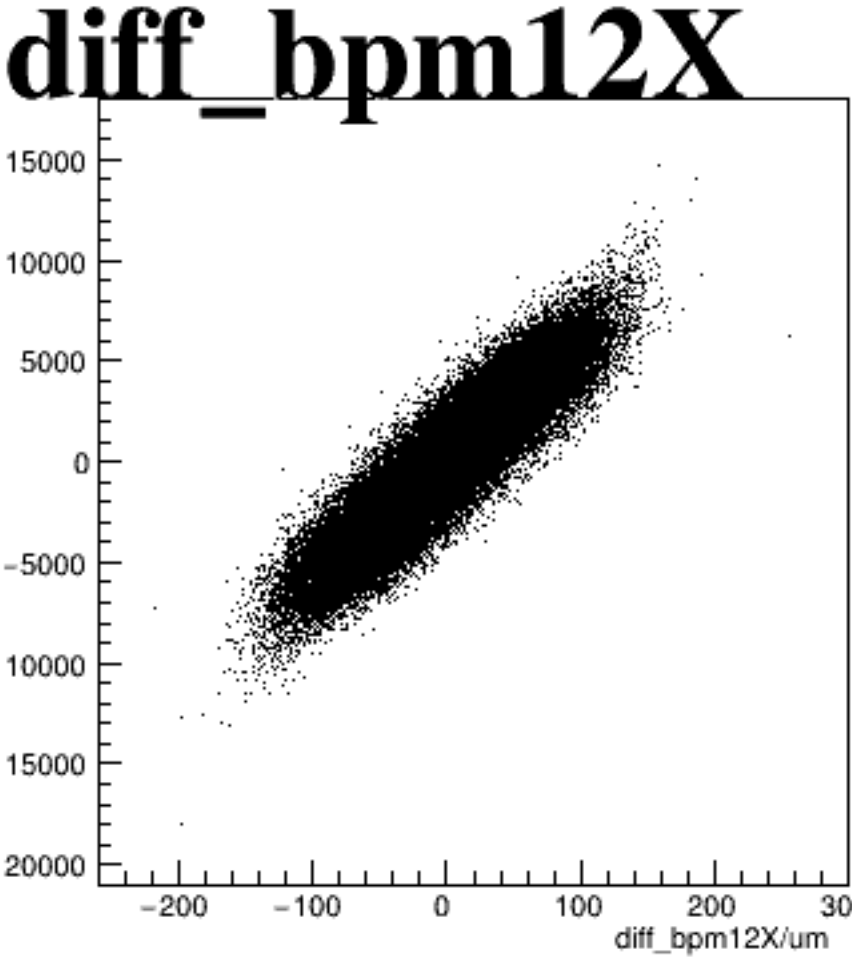
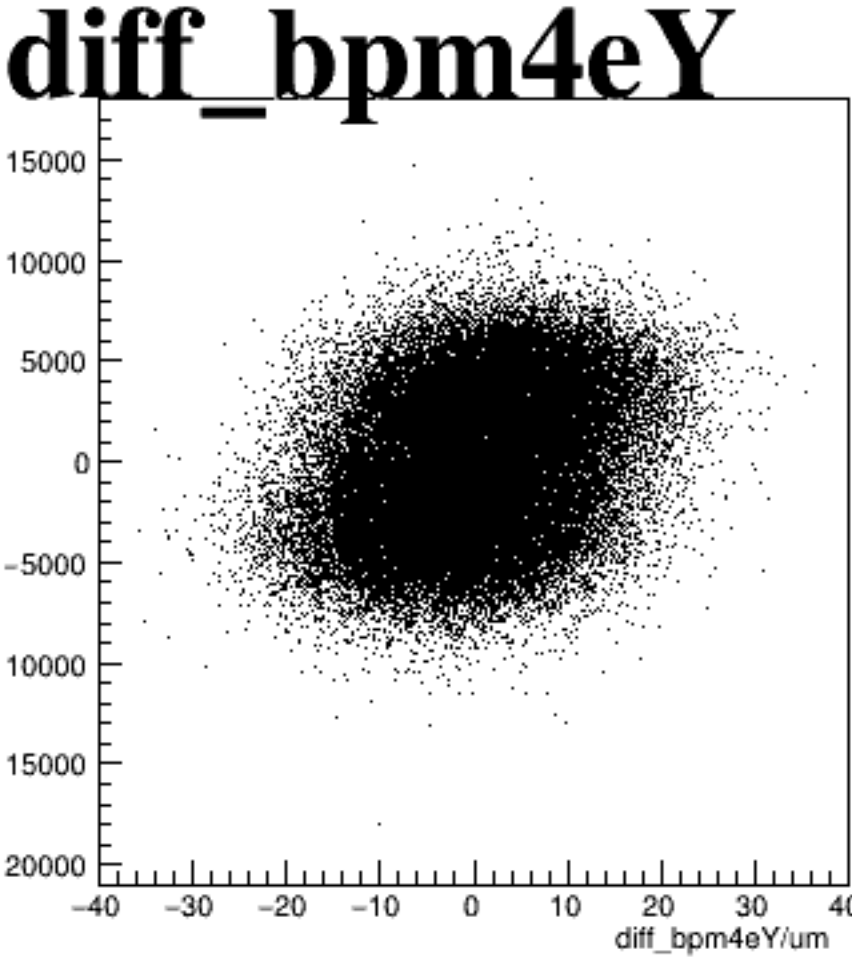
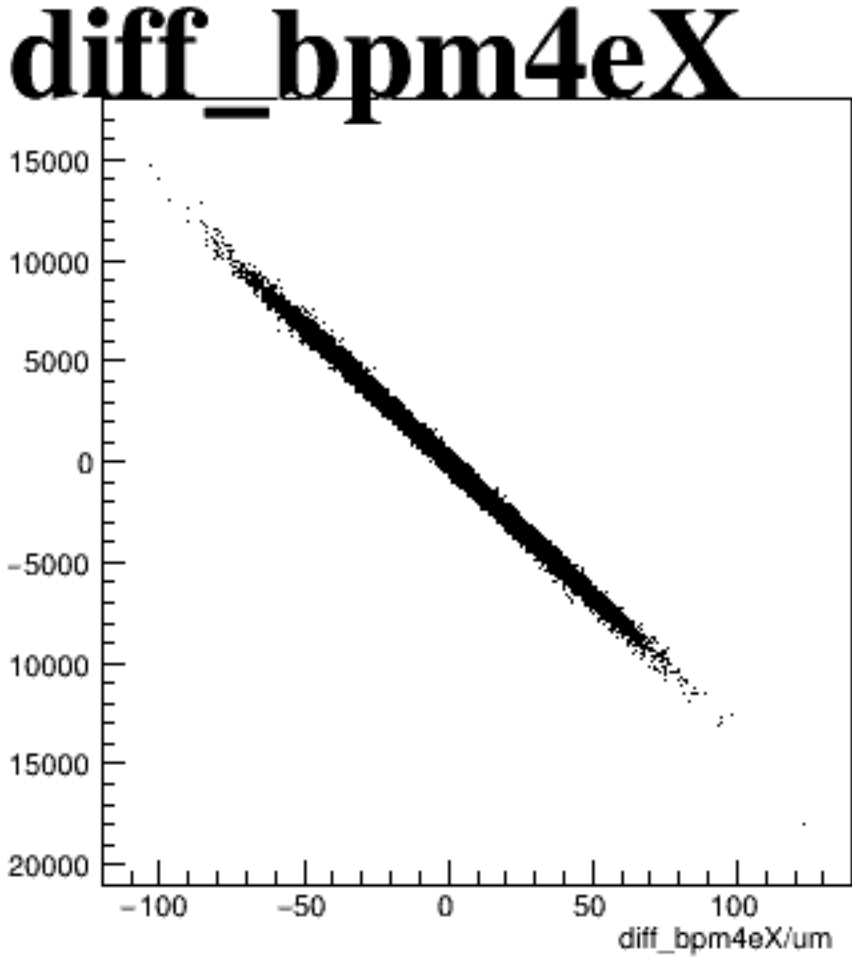
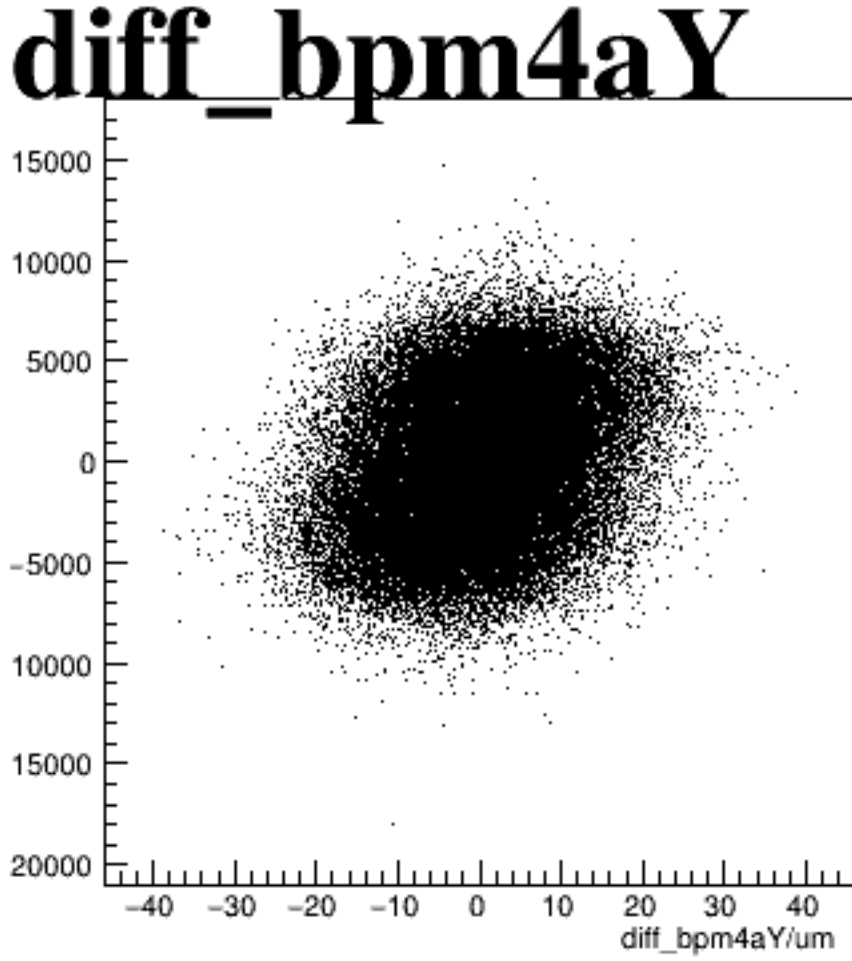
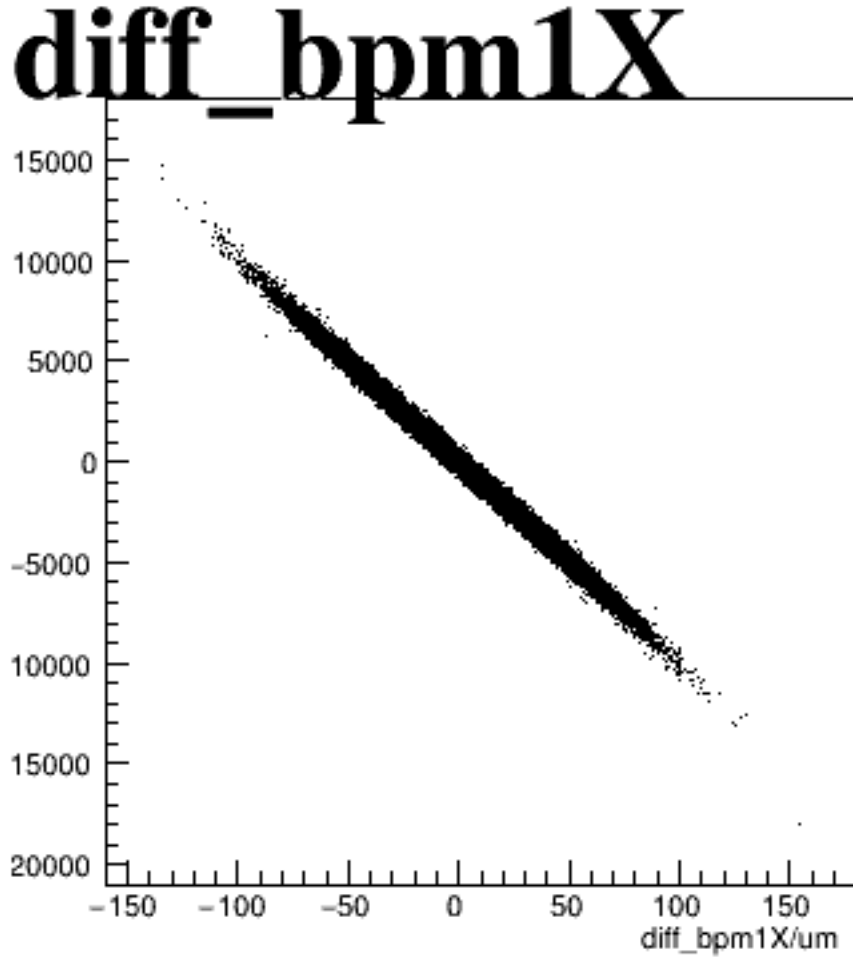
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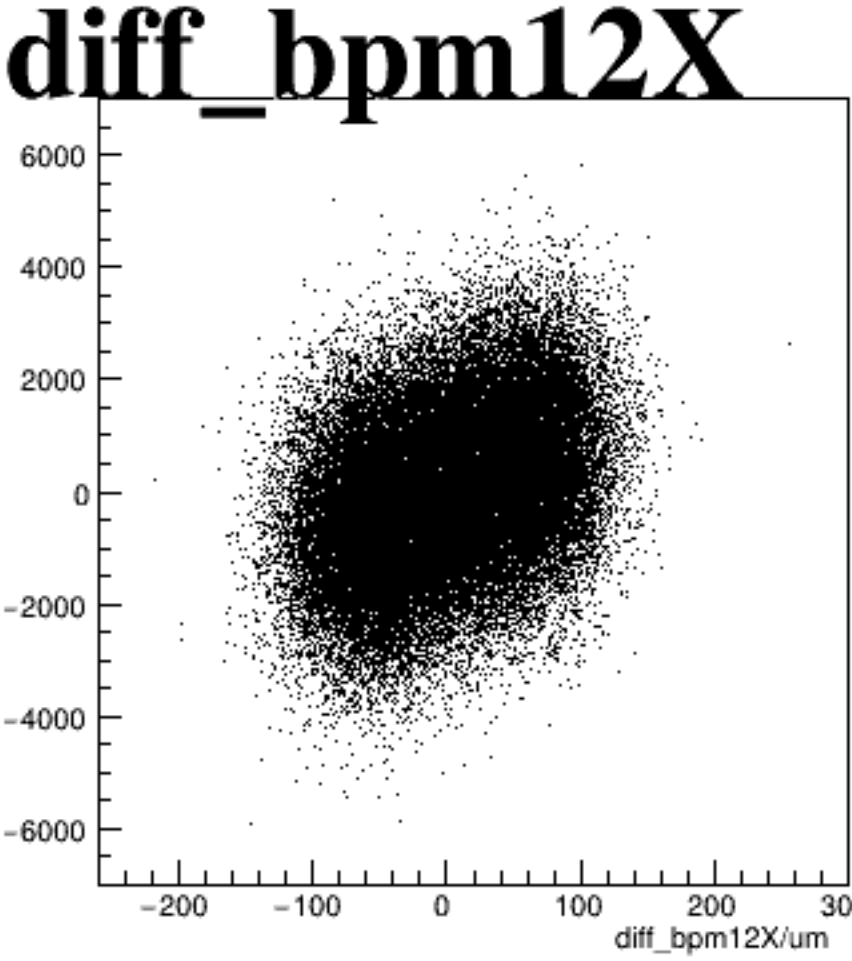
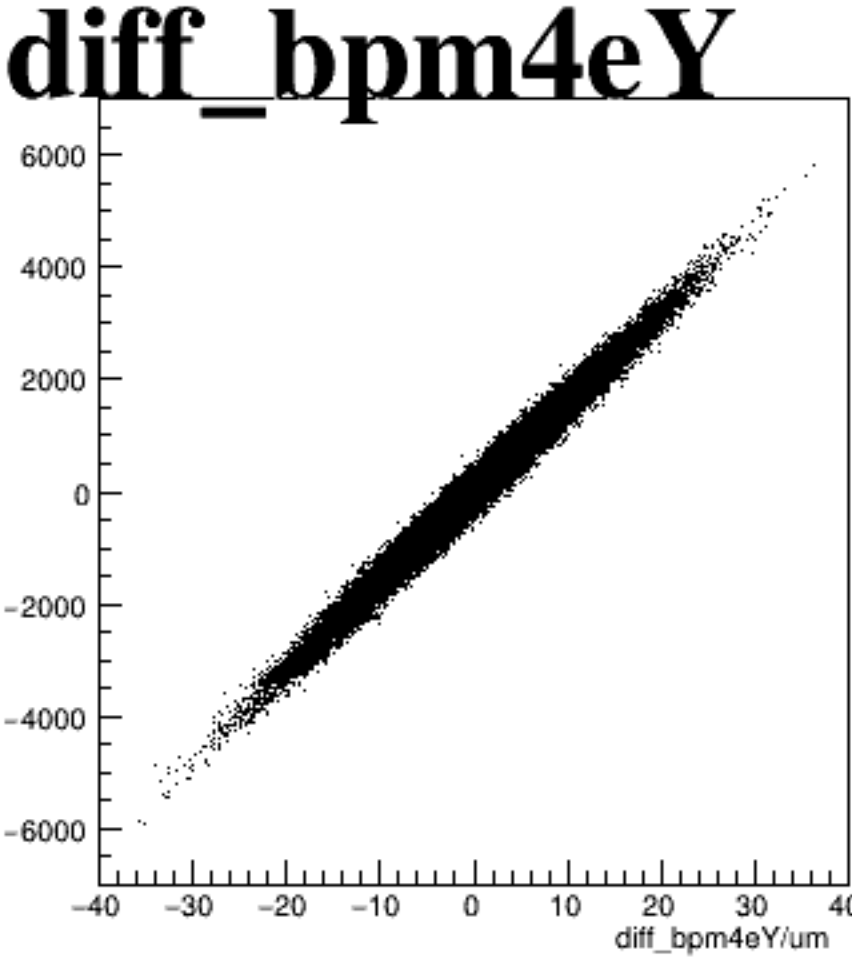
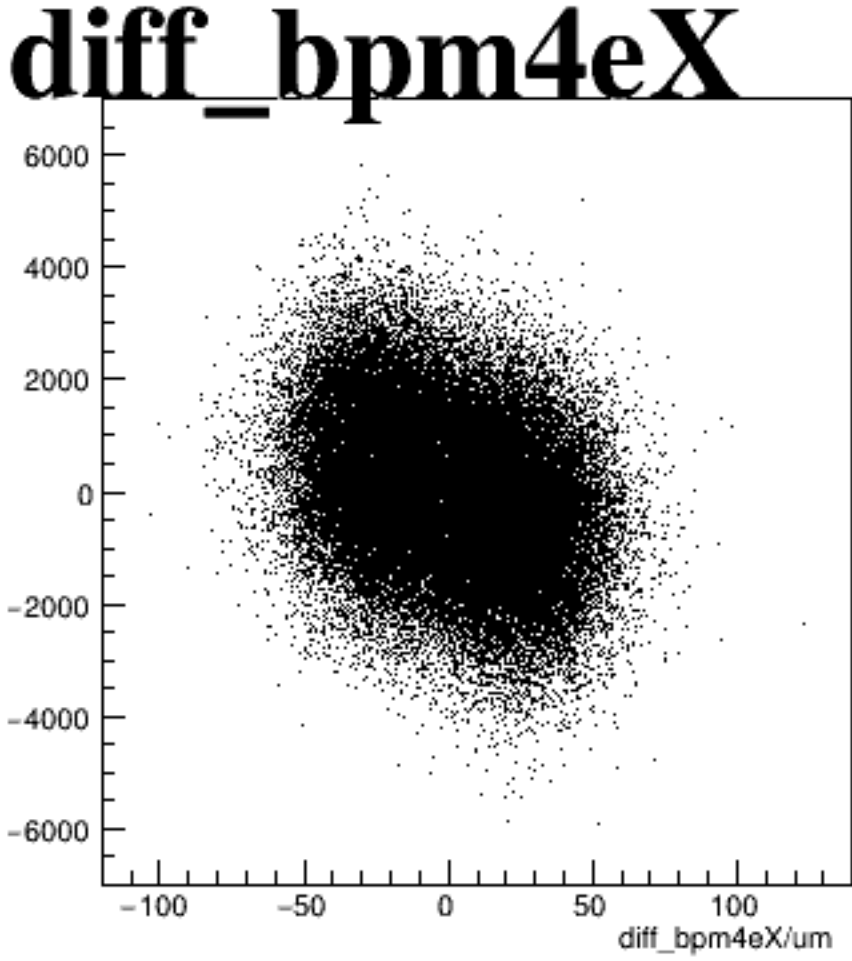
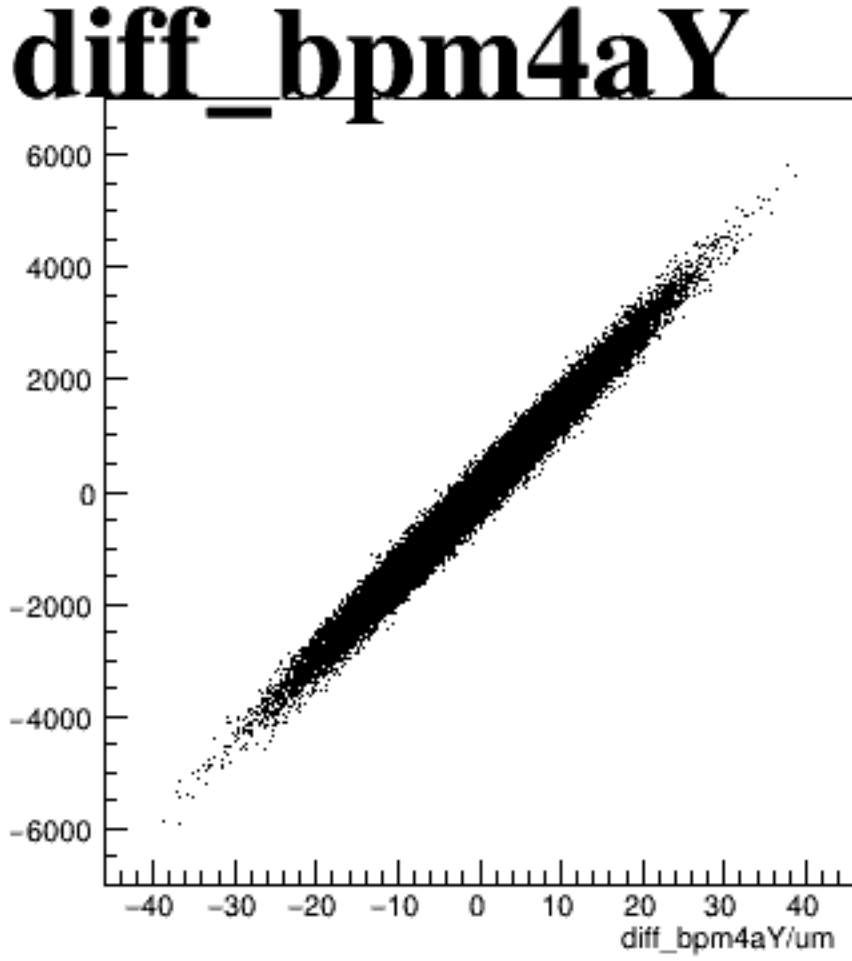
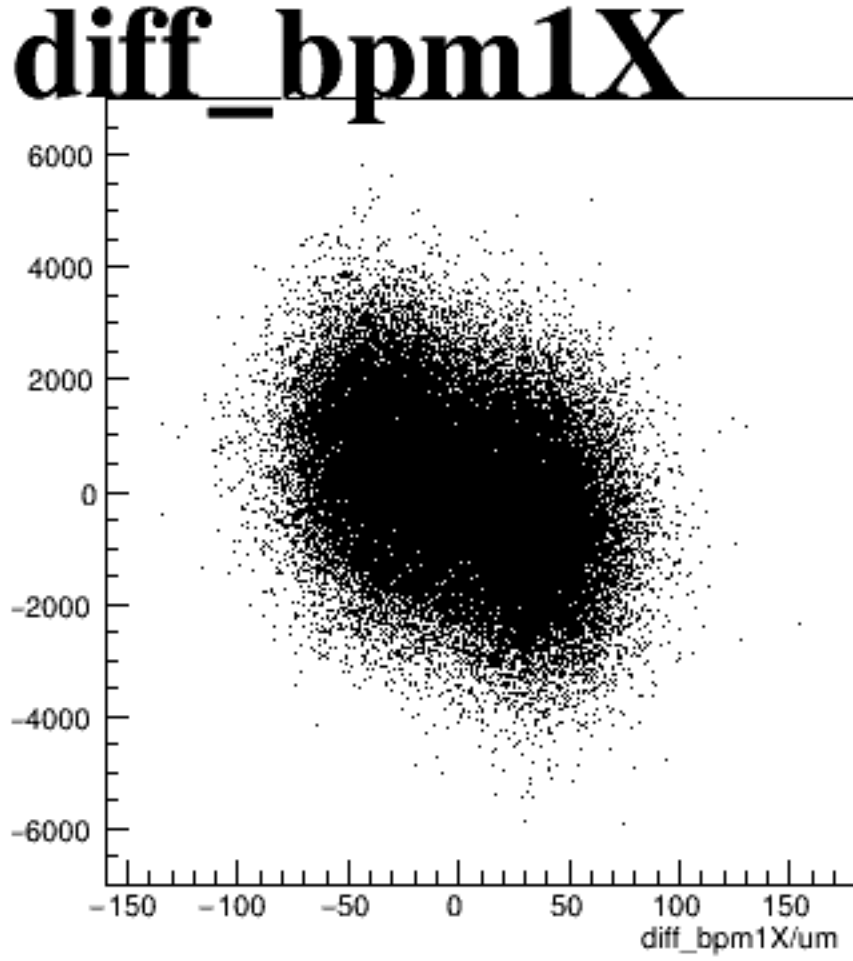
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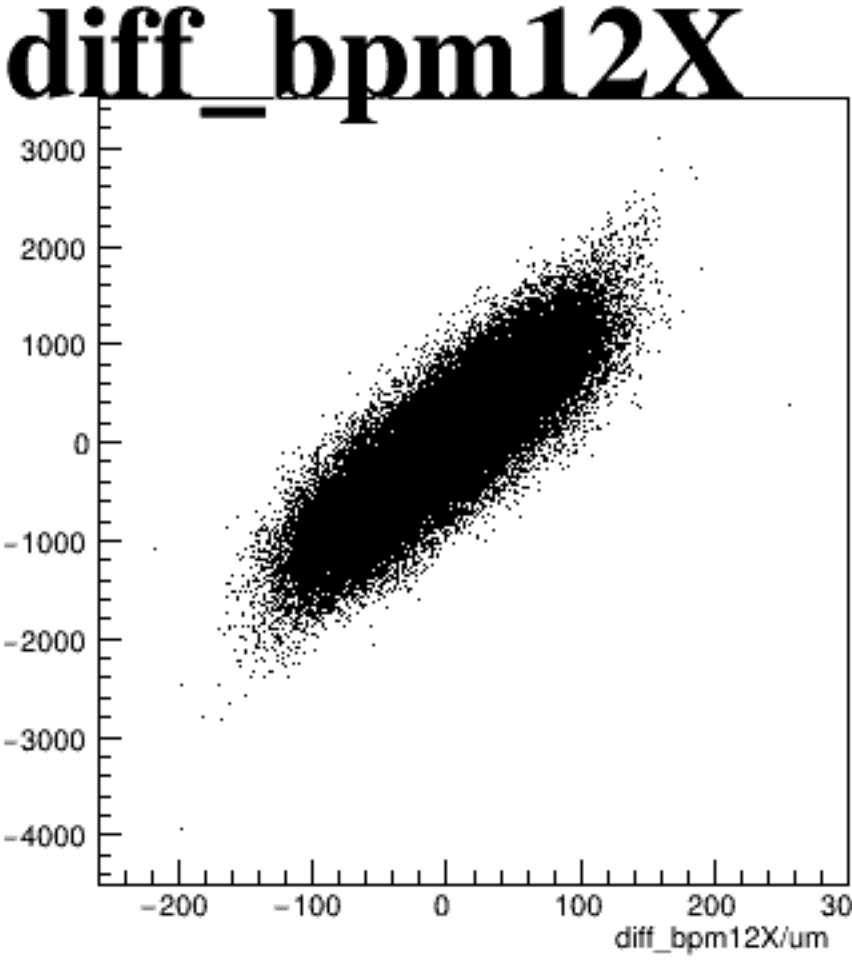
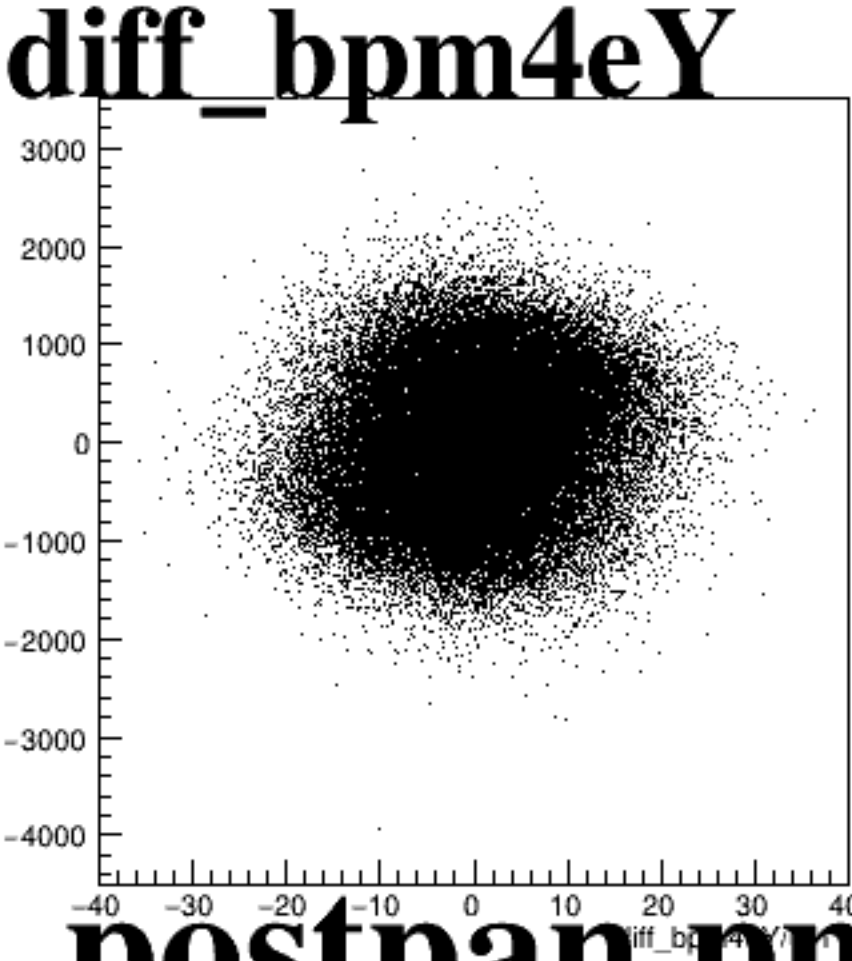
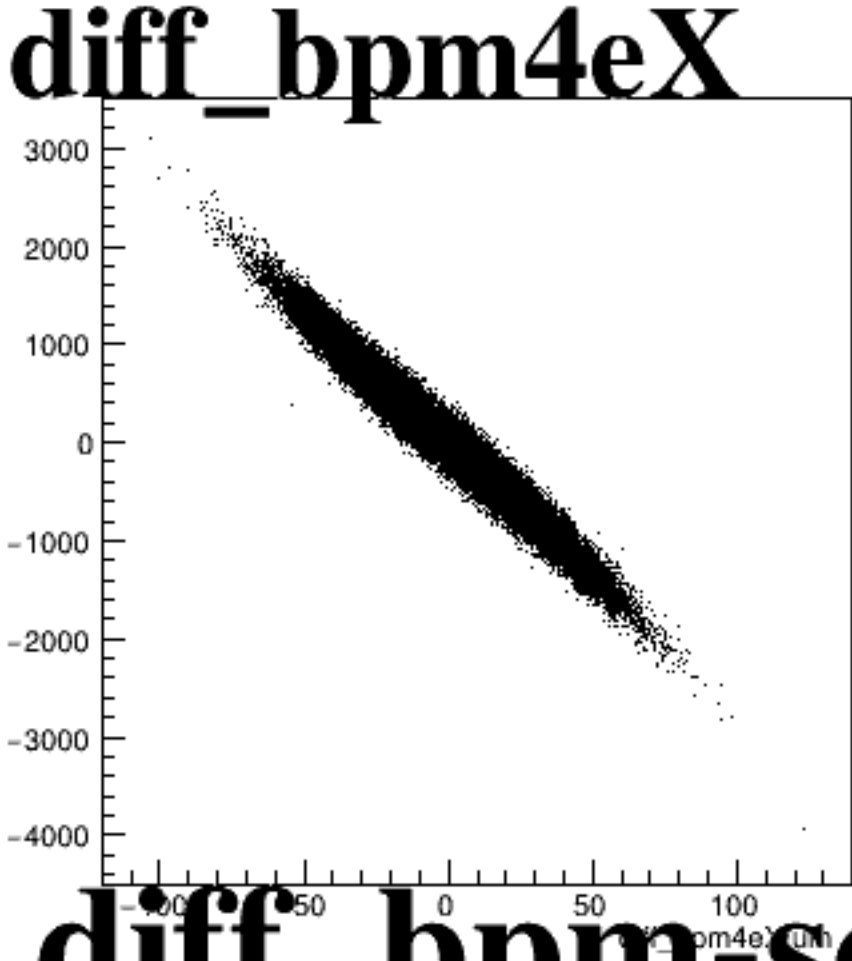
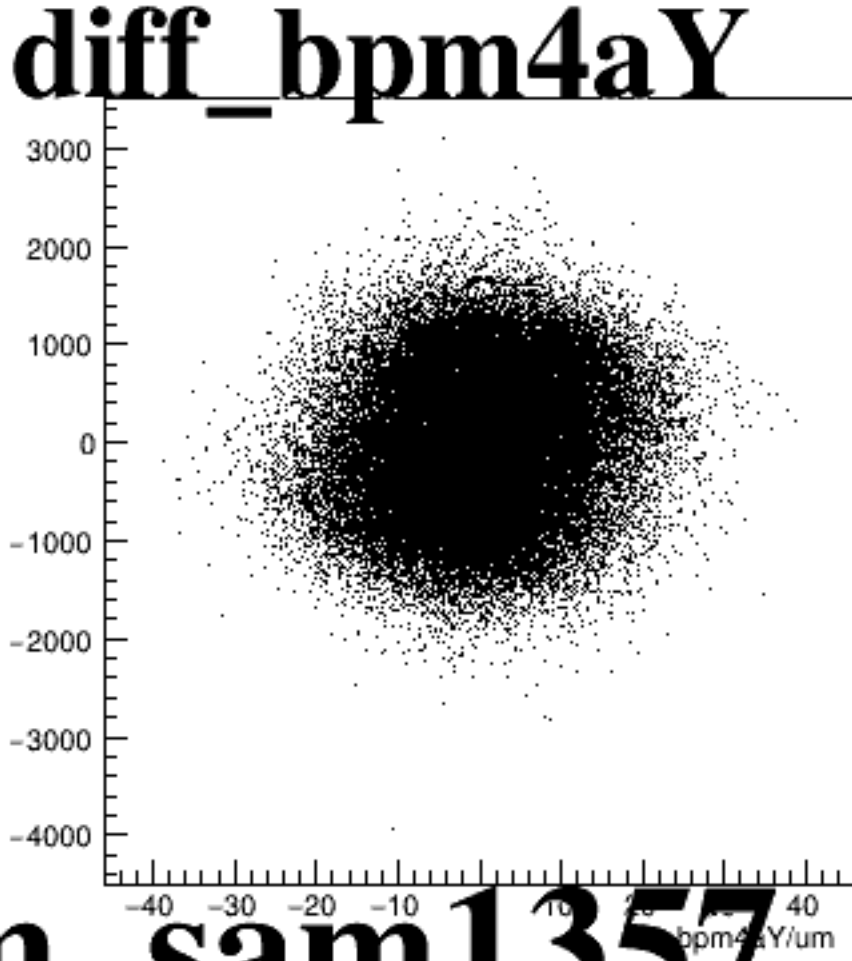
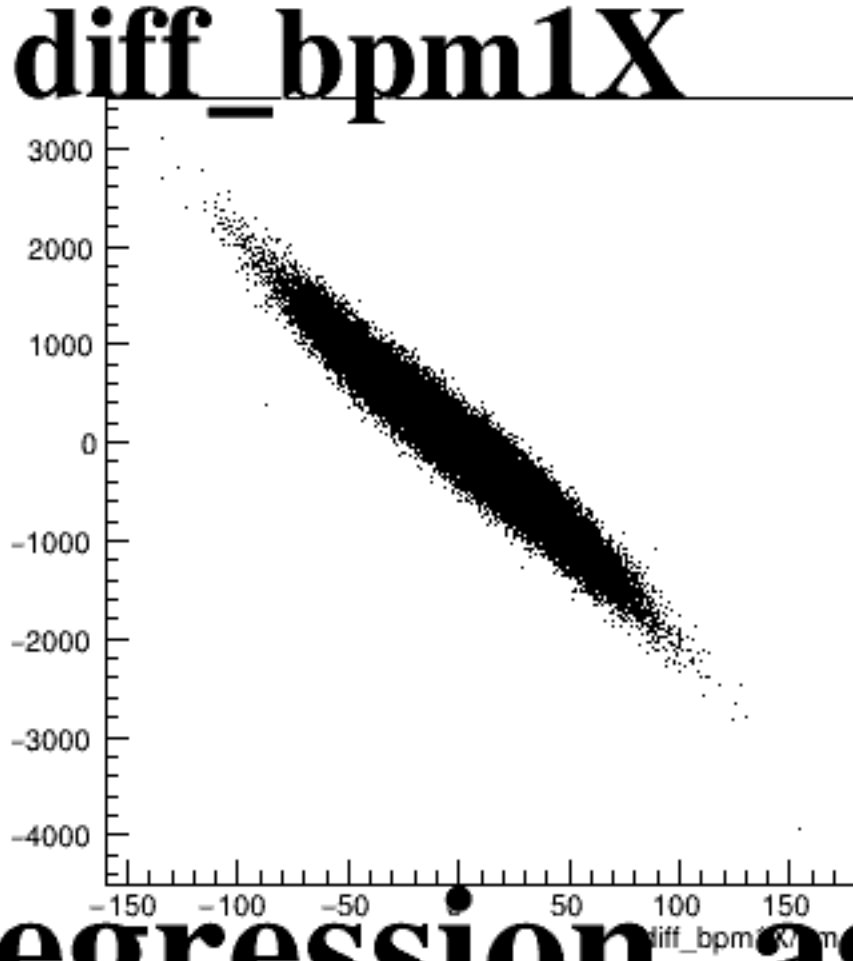
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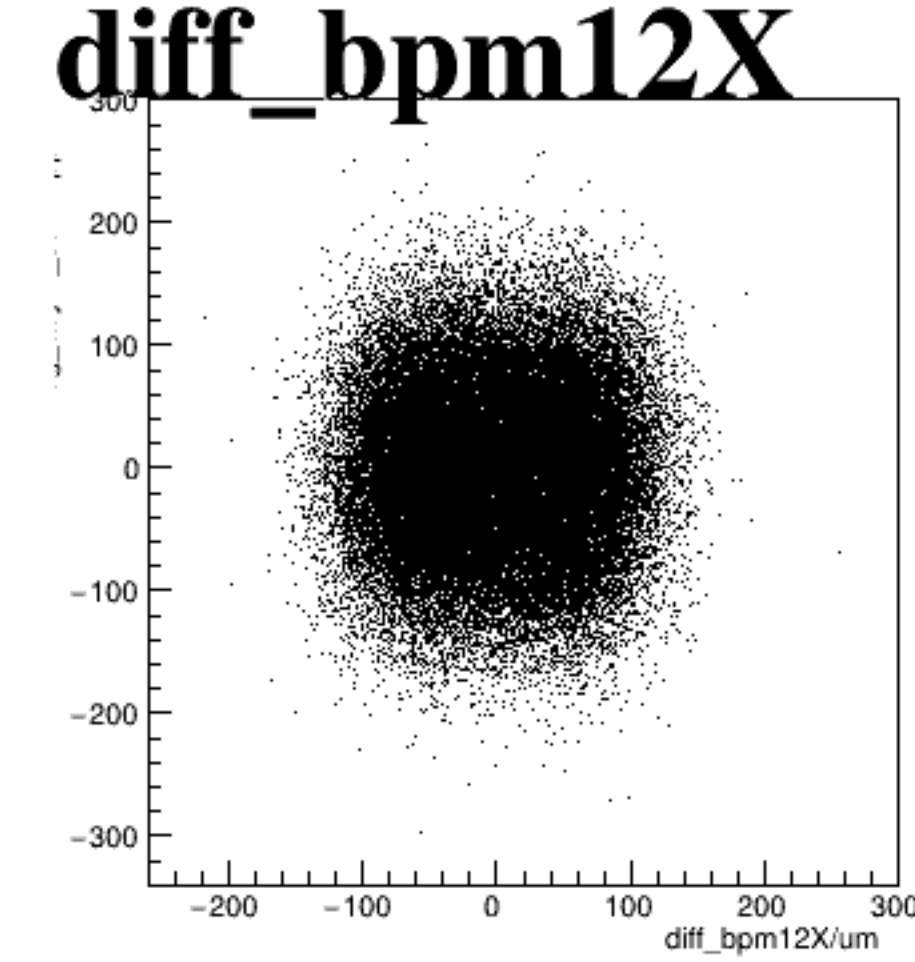
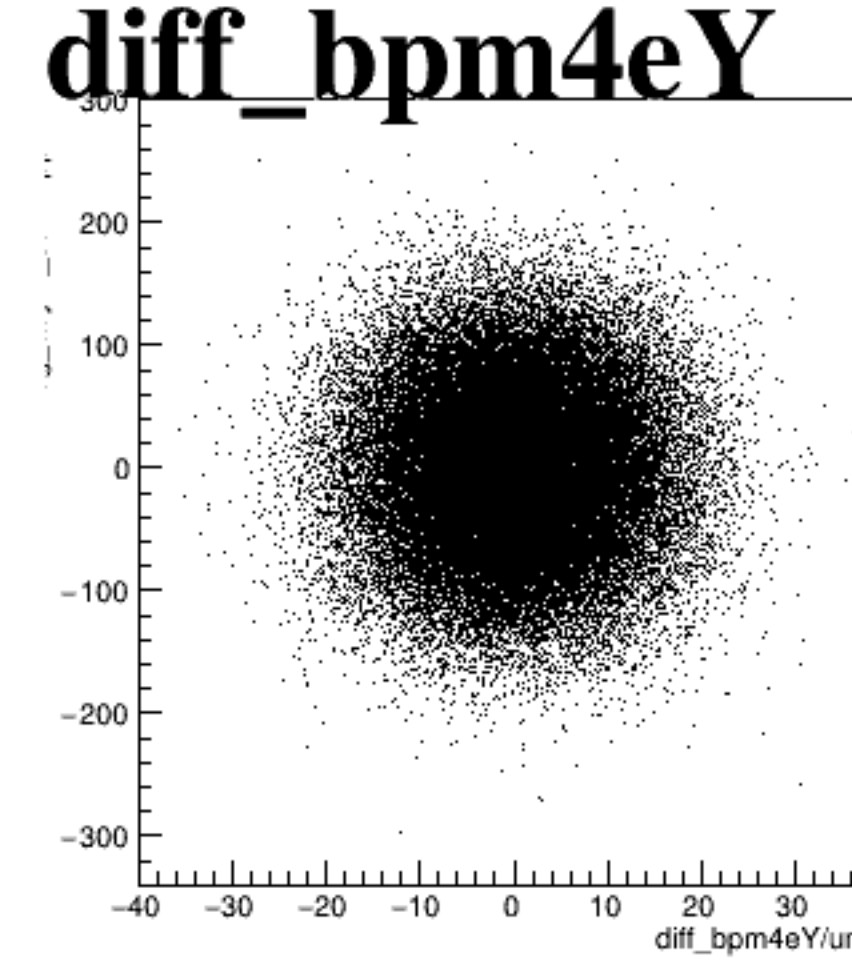
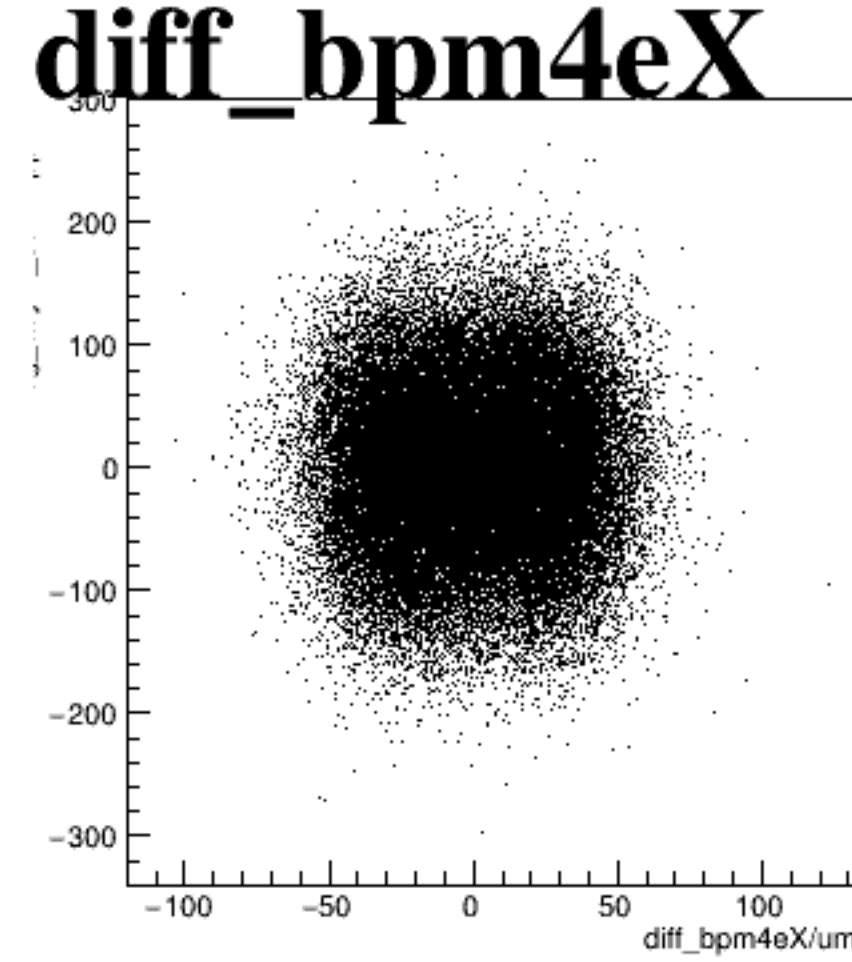
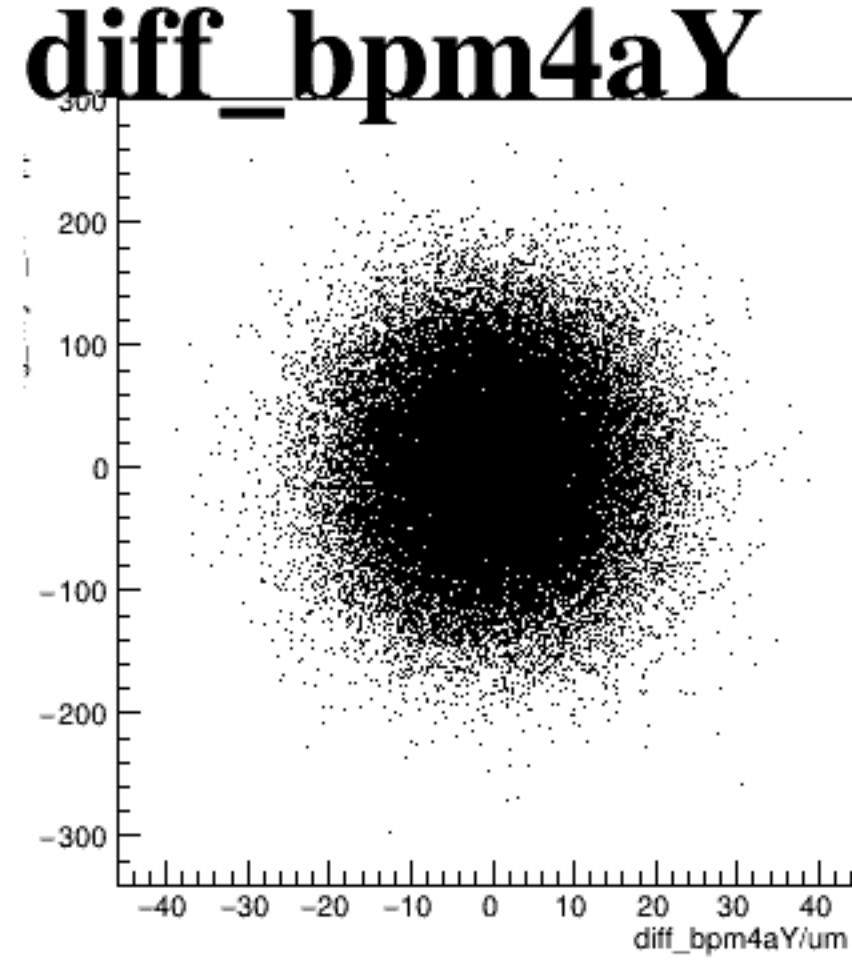
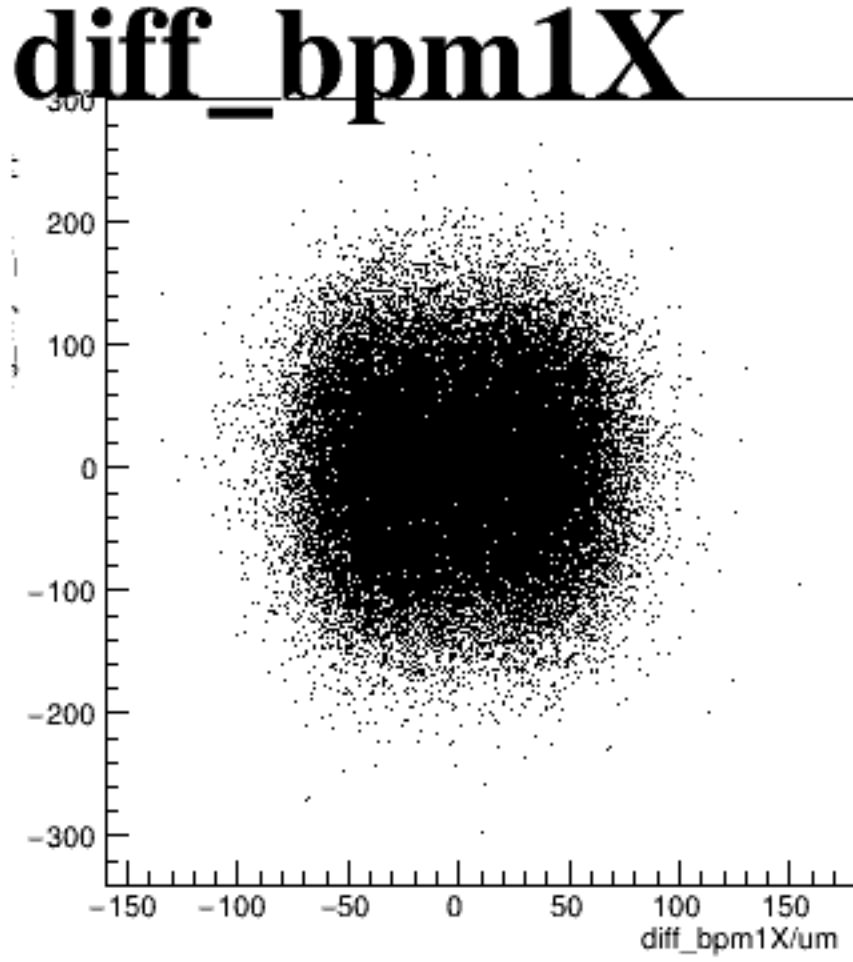
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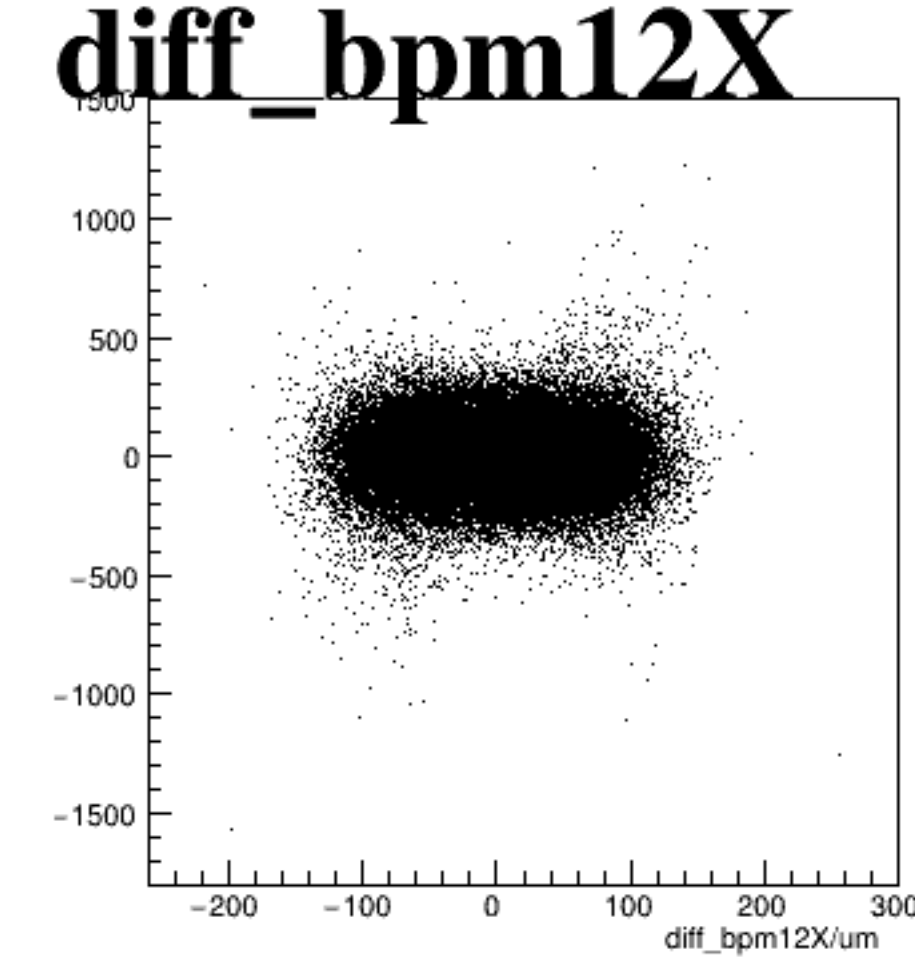
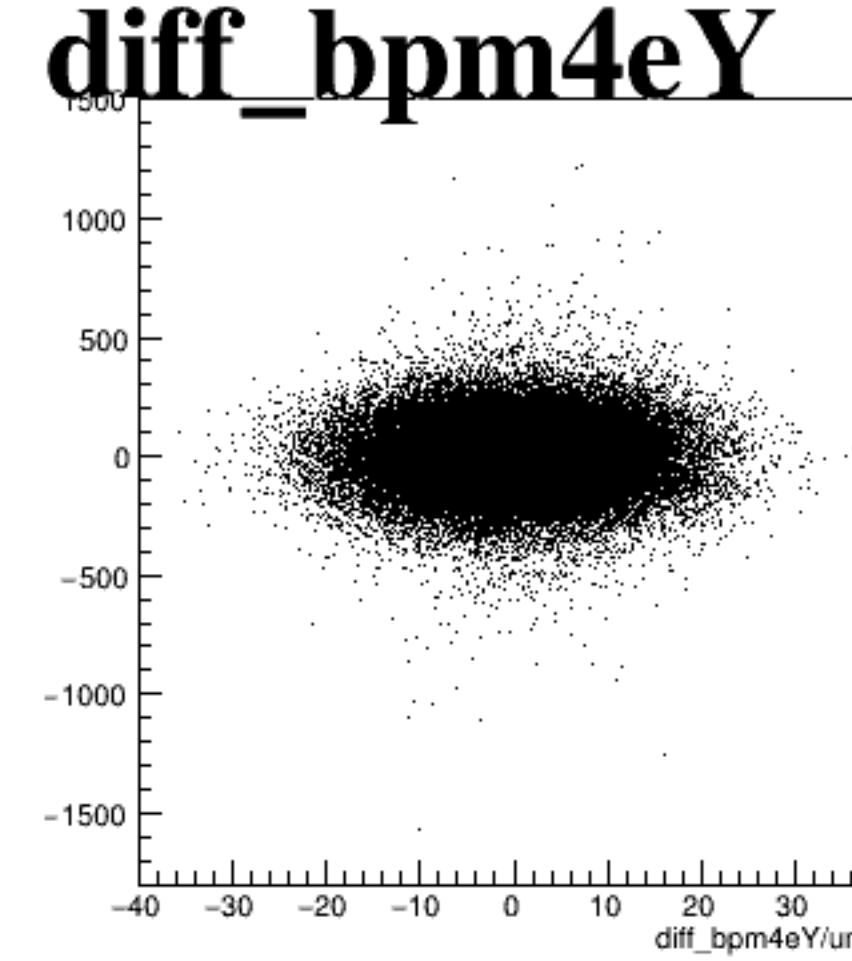
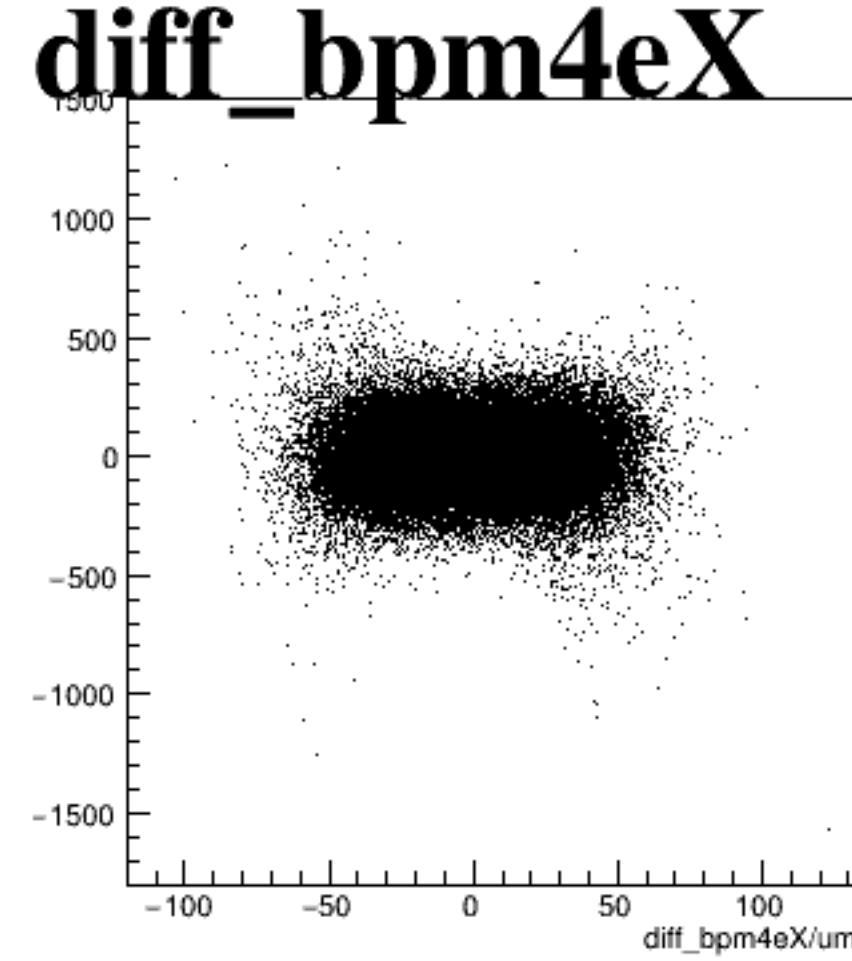
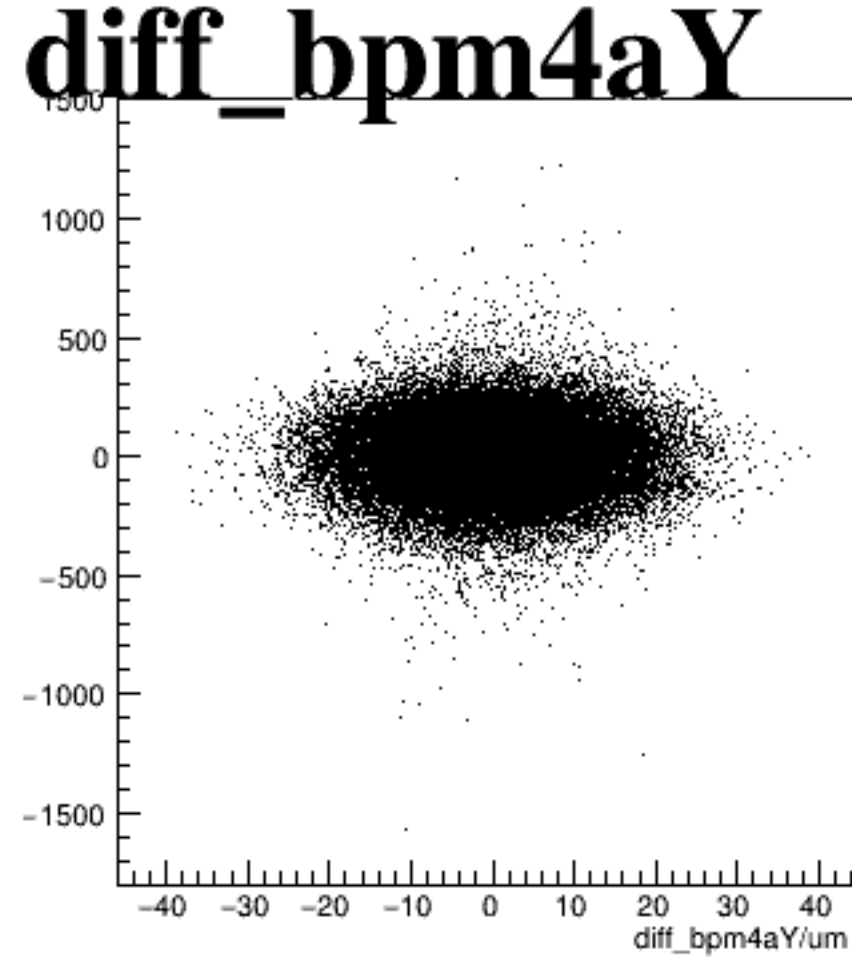
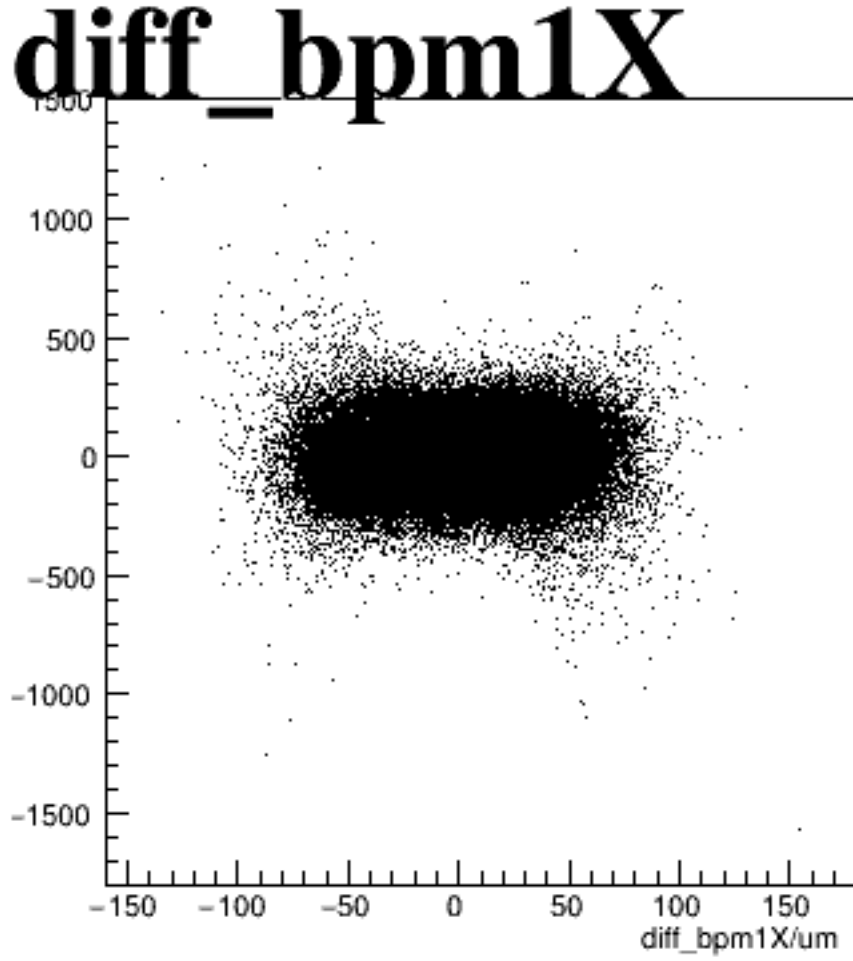
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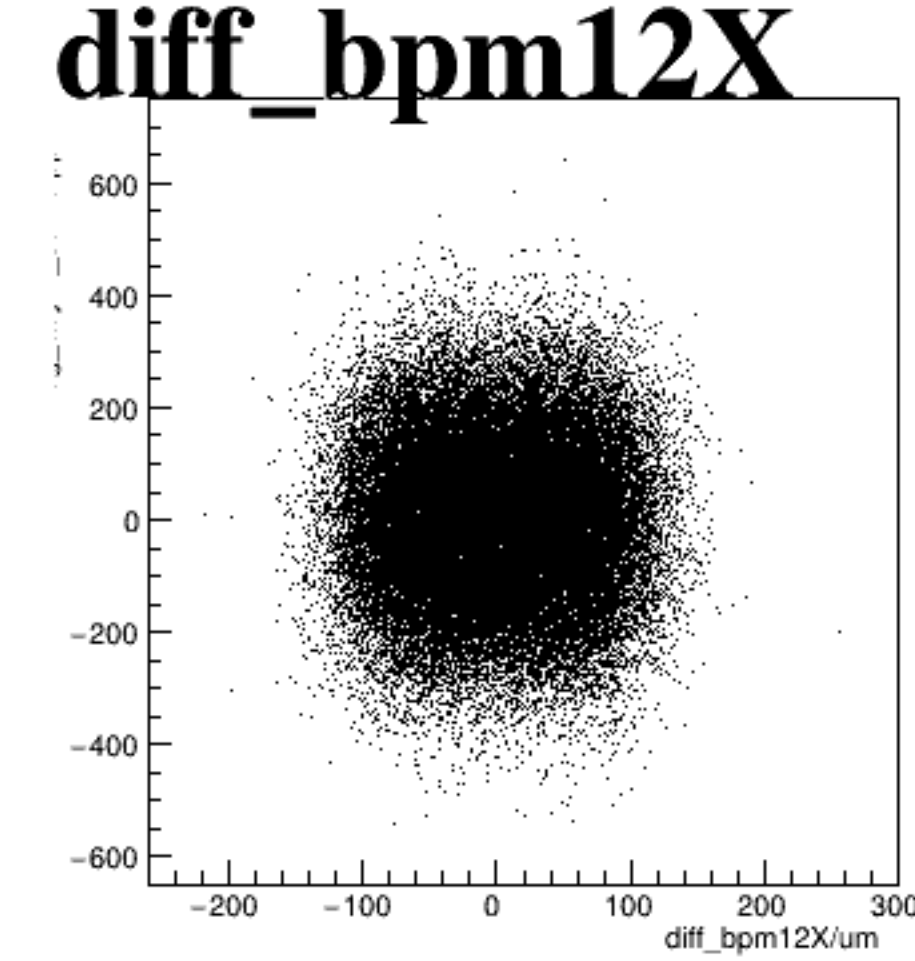
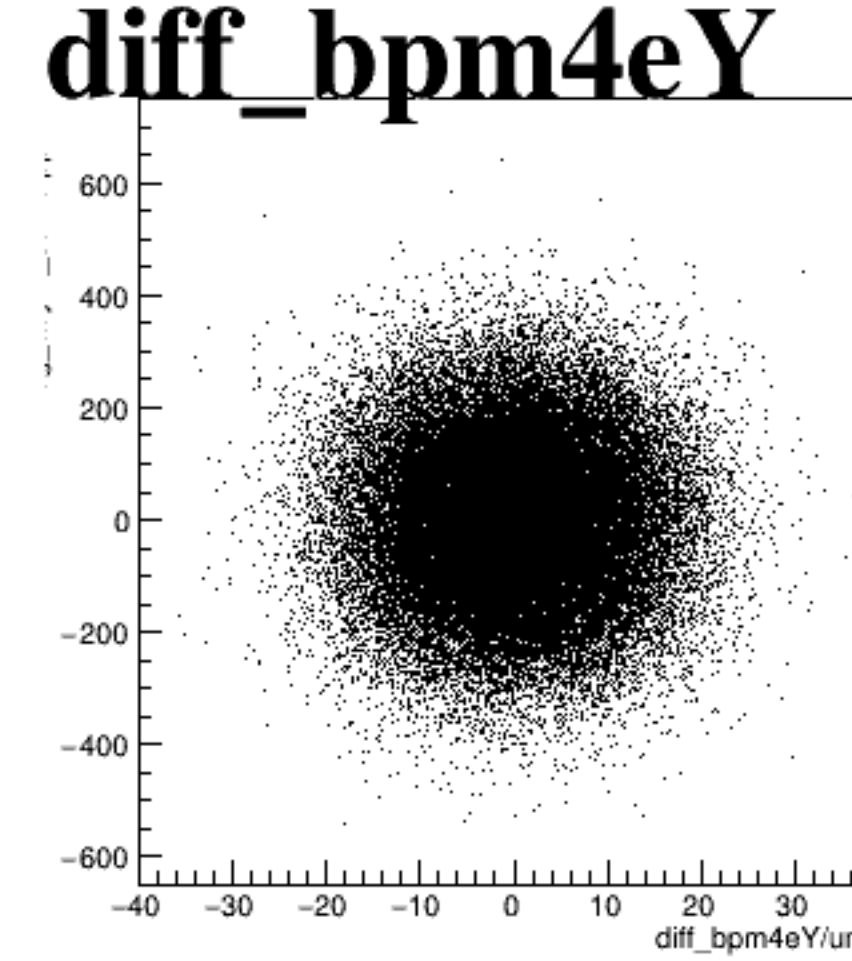
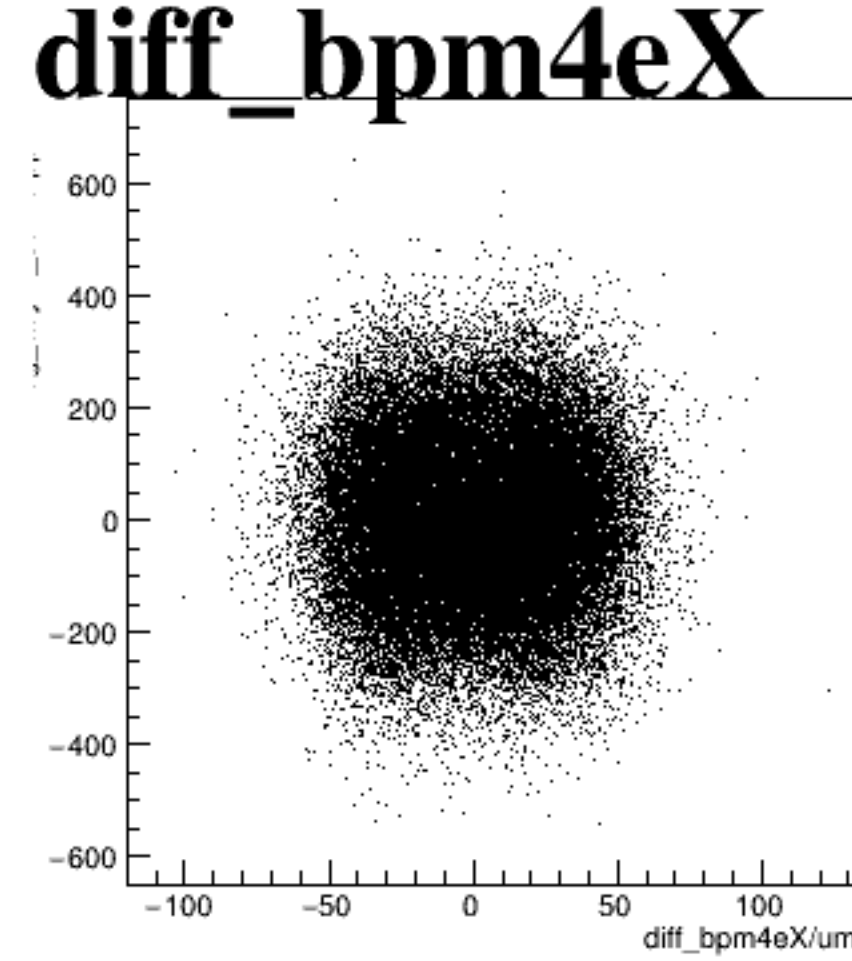
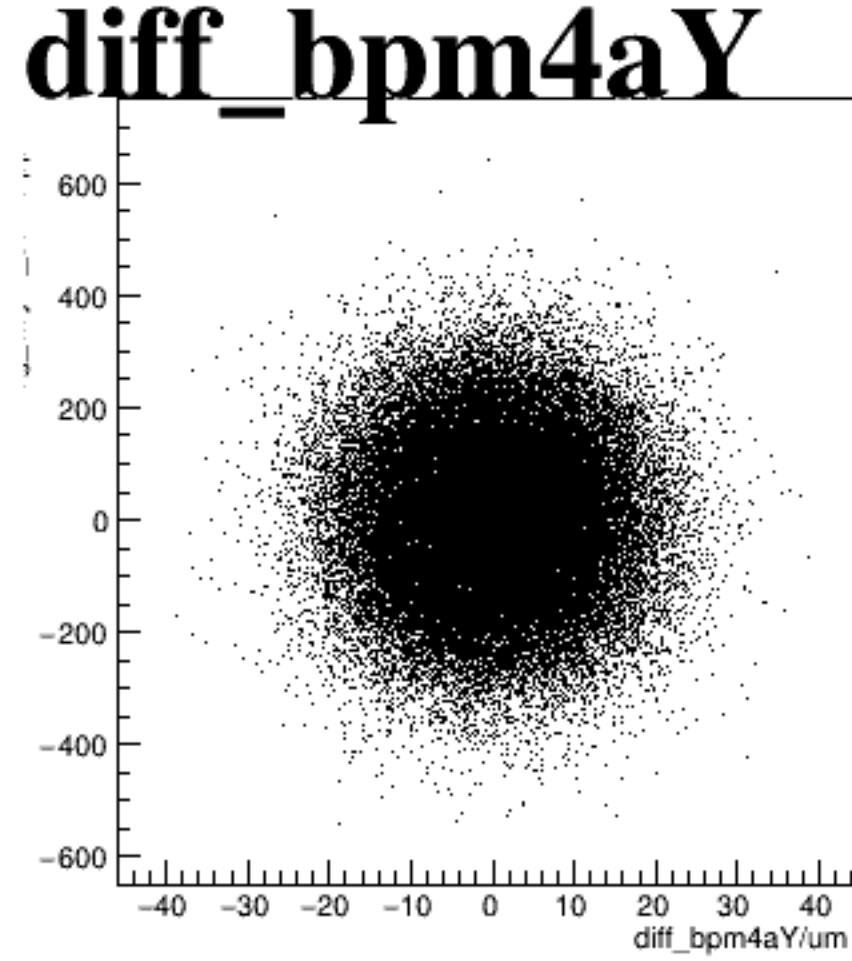
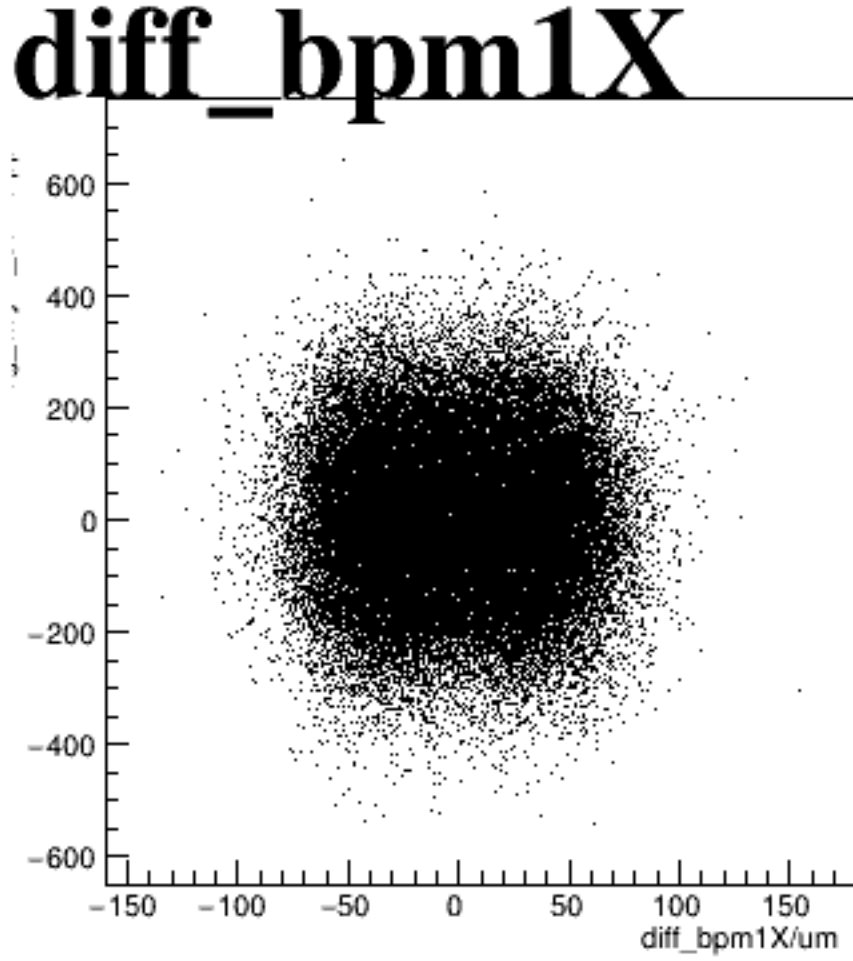
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

