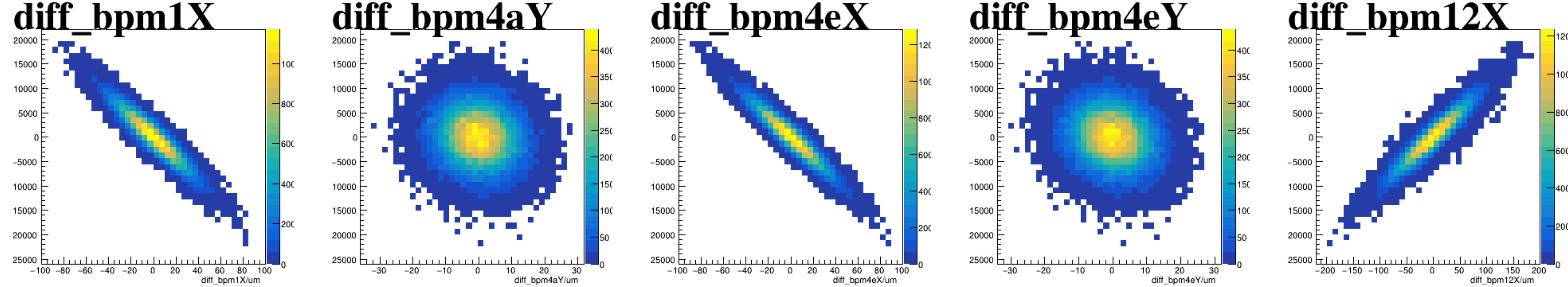
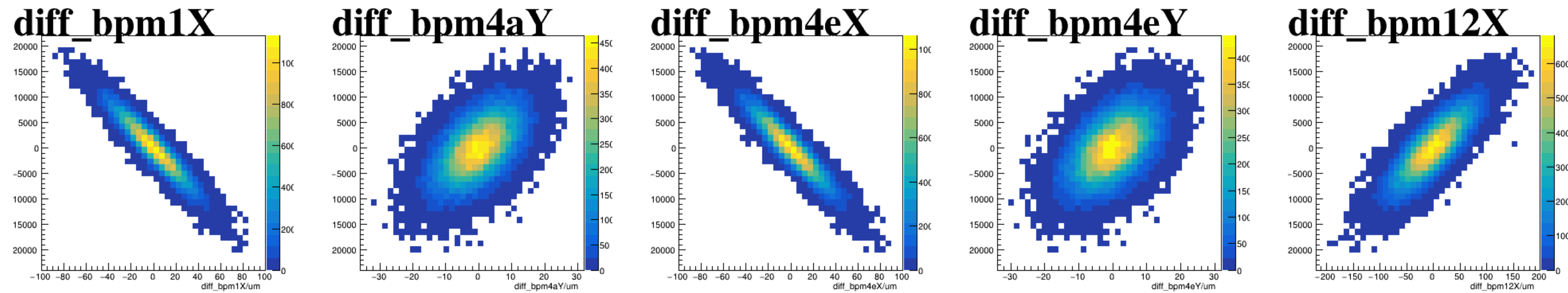


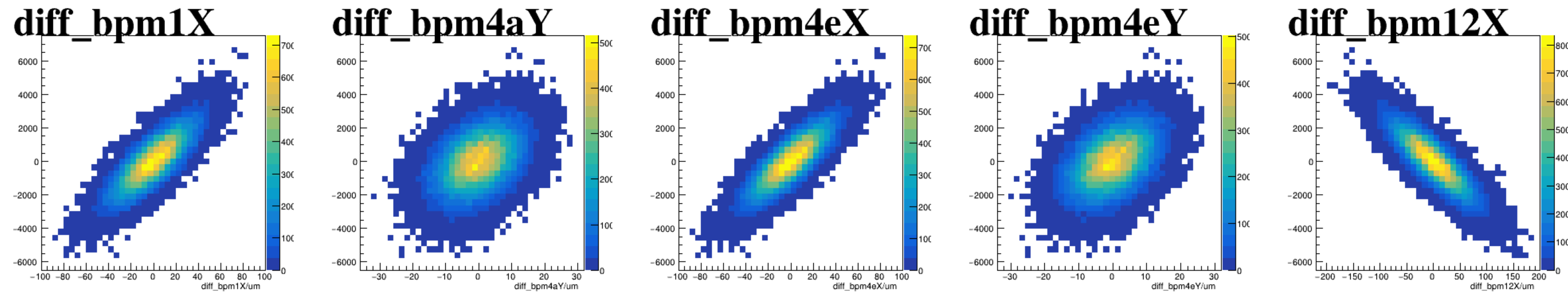
asym_sam2



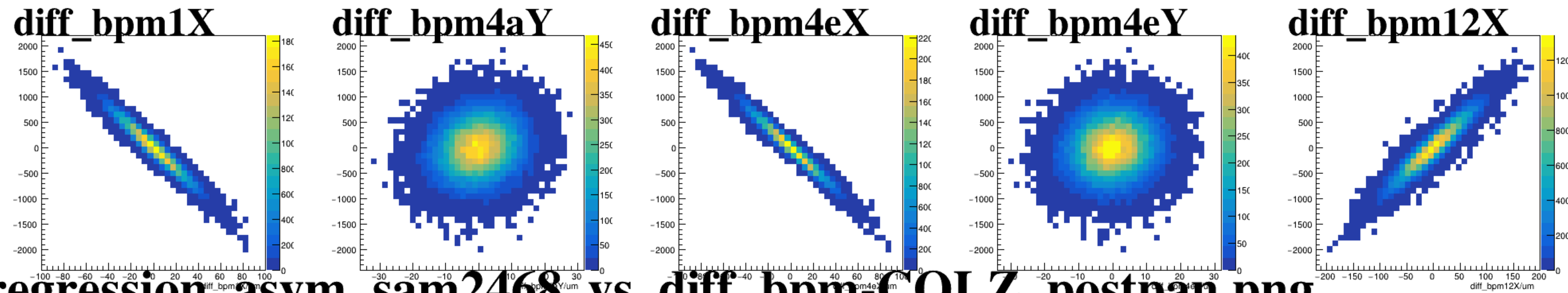
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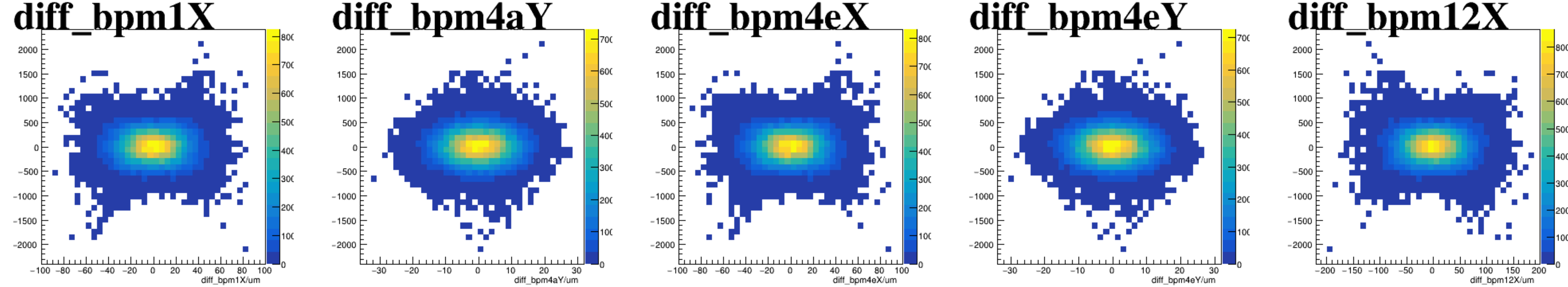
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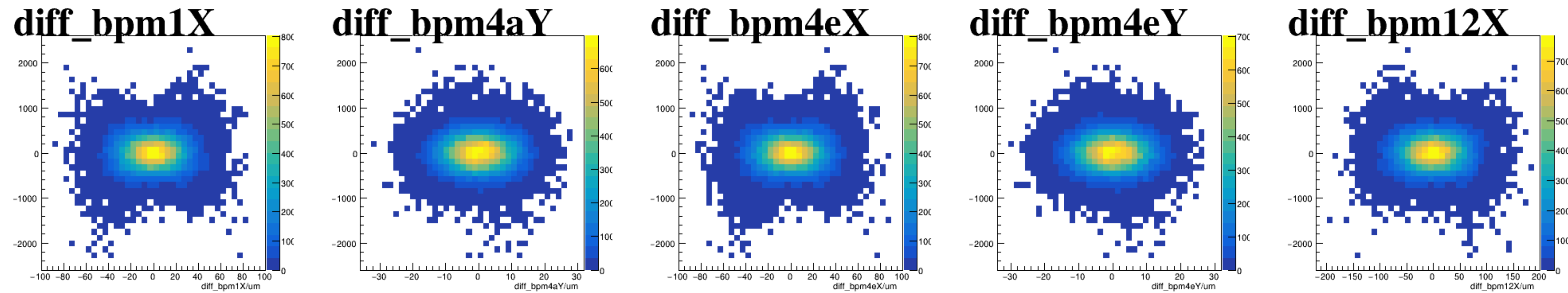
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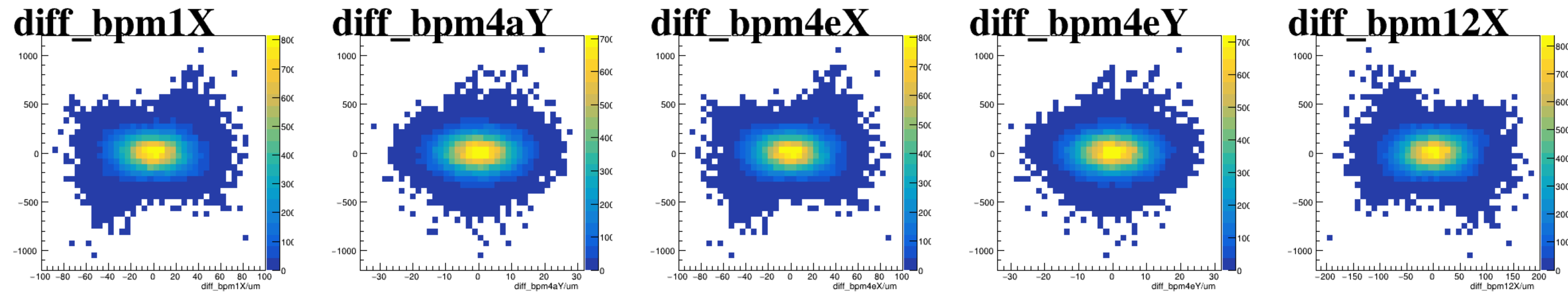
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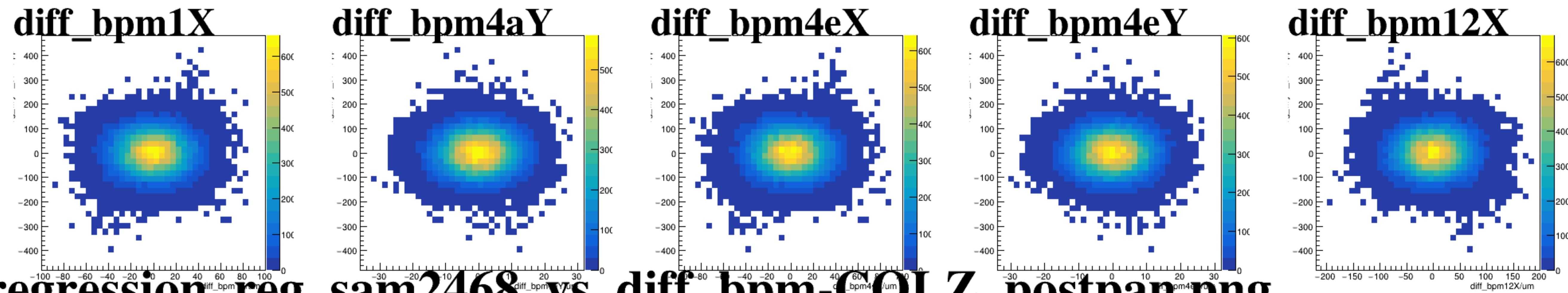
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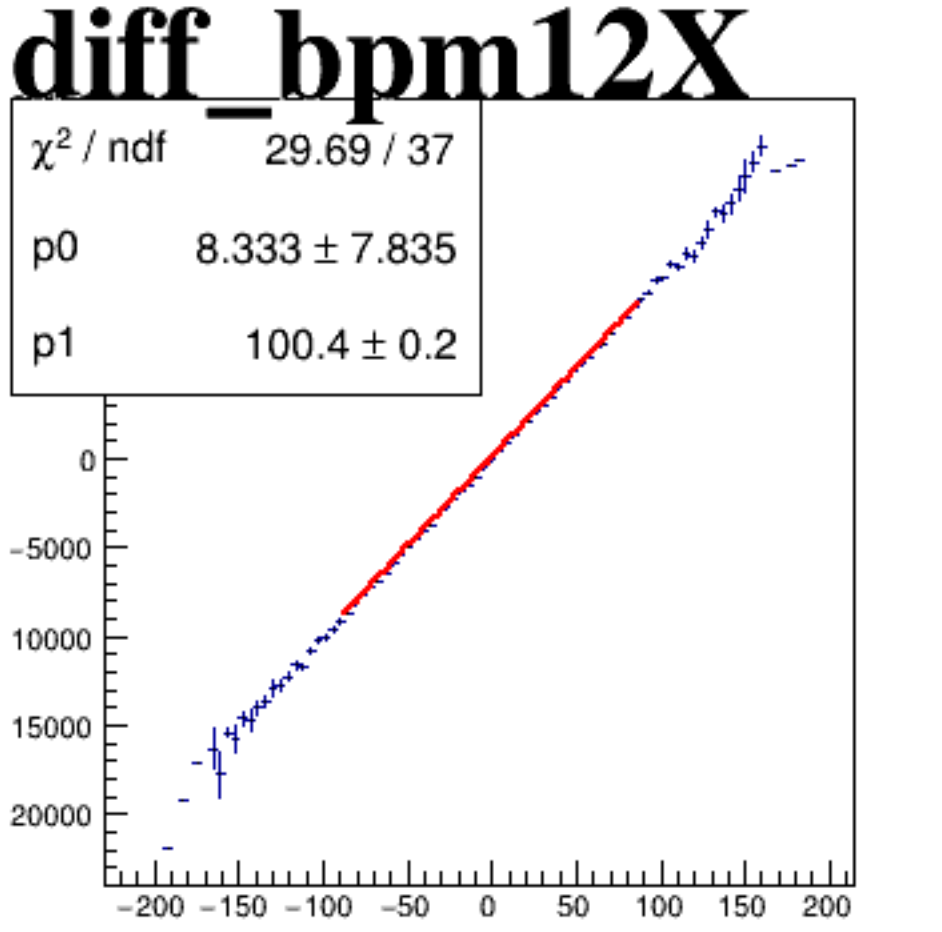
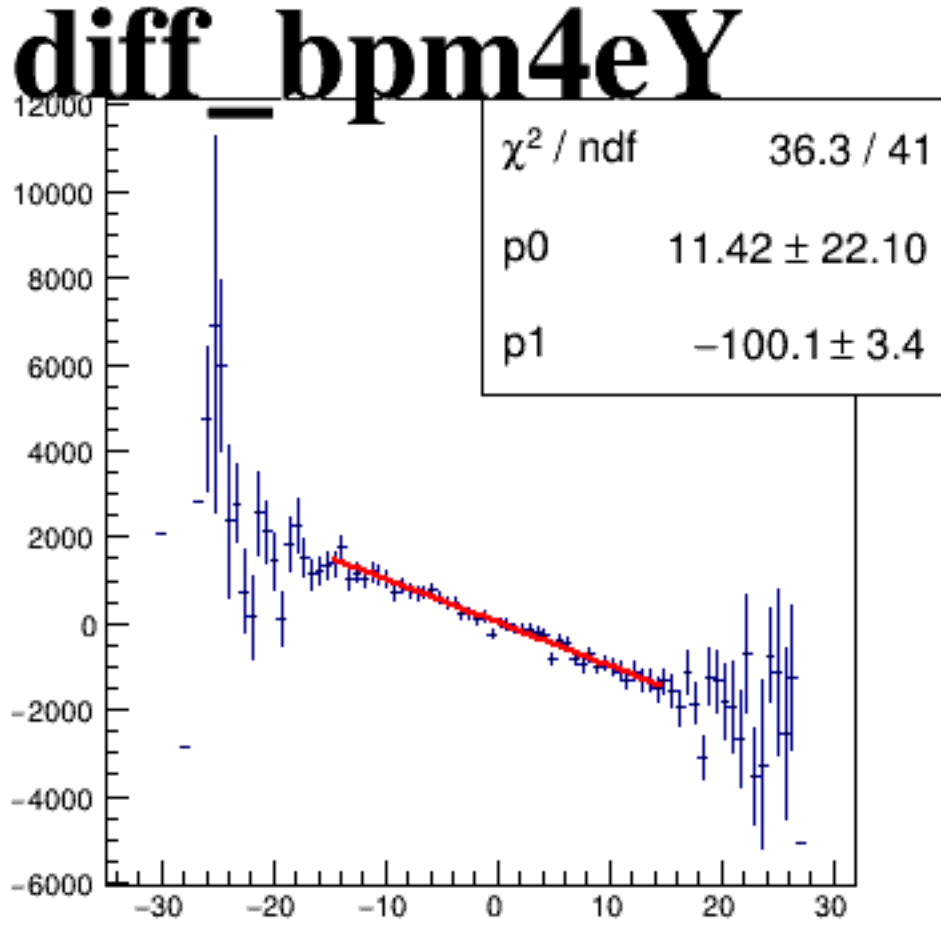
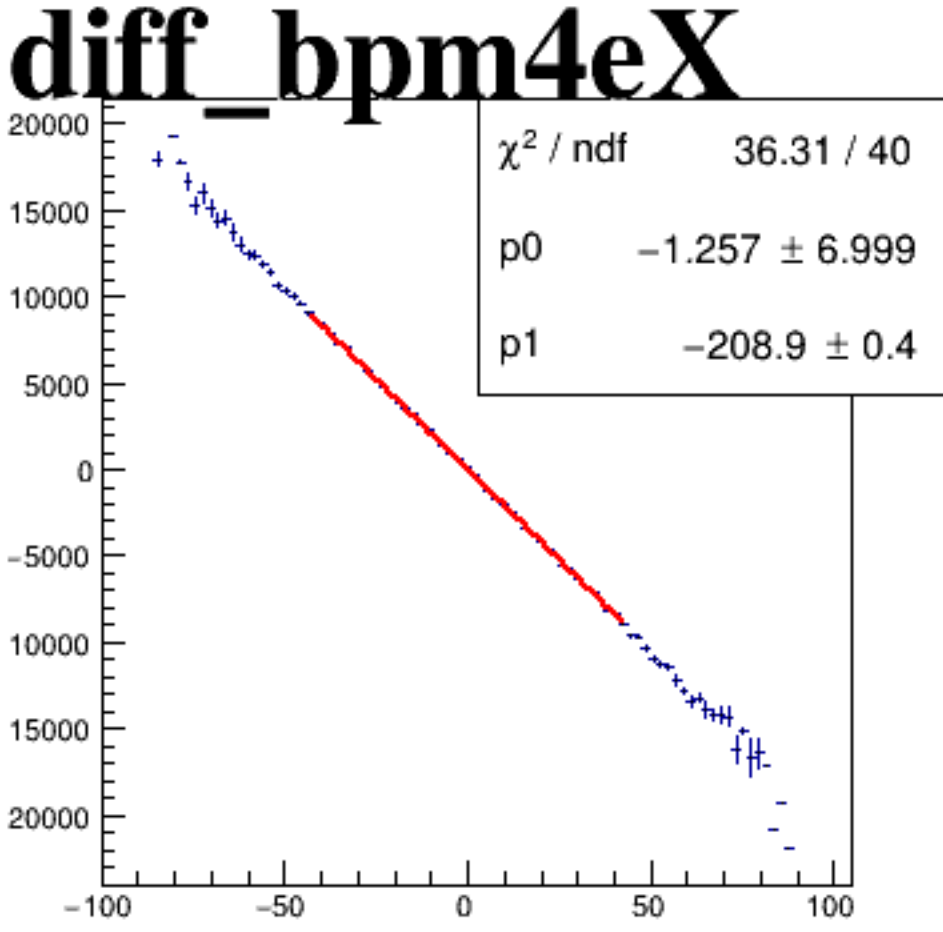
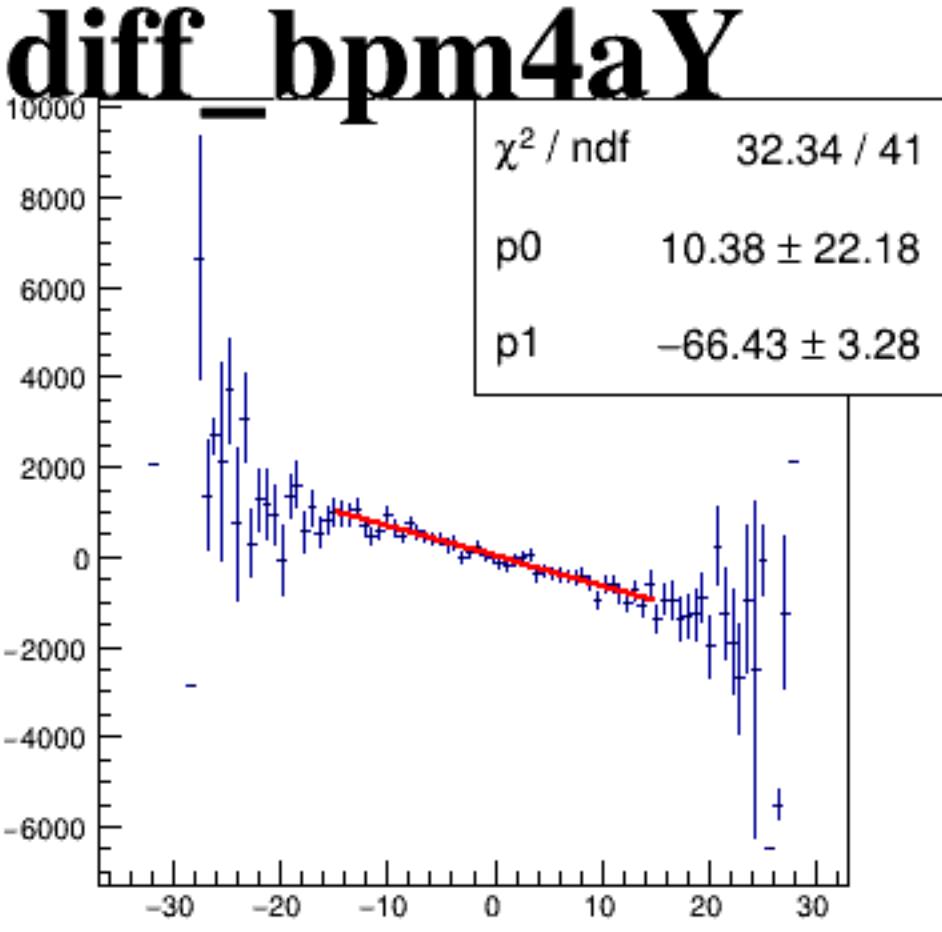
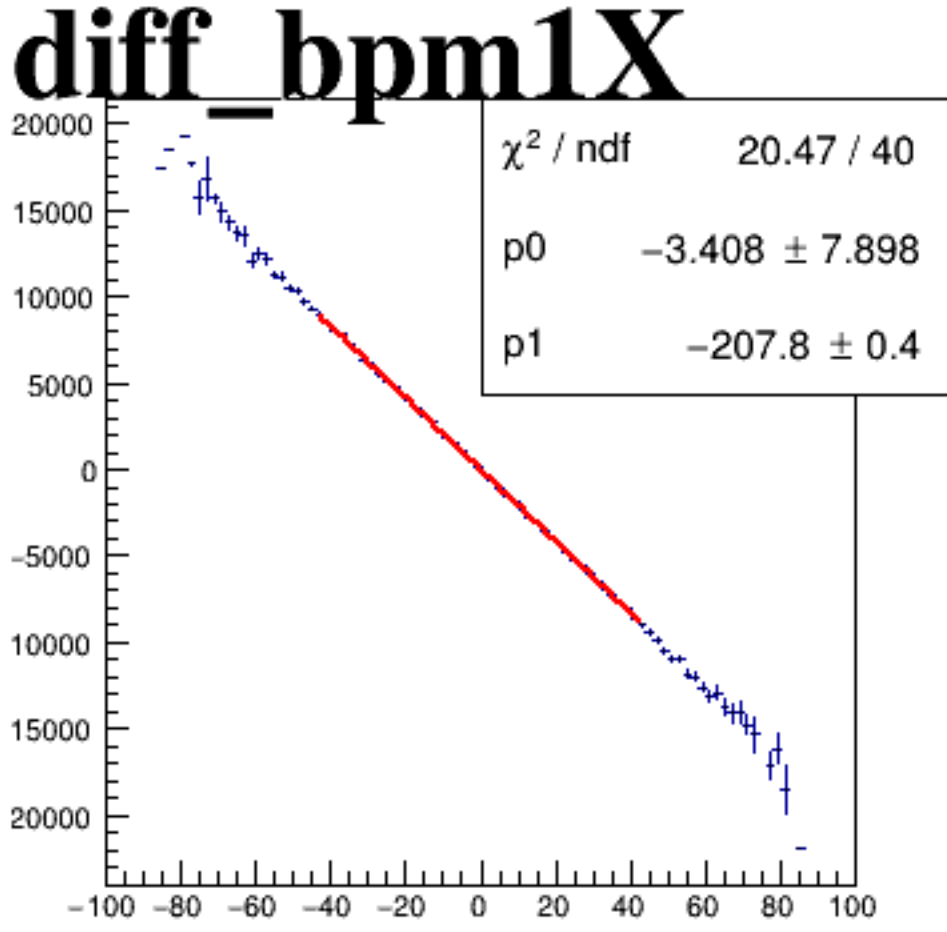
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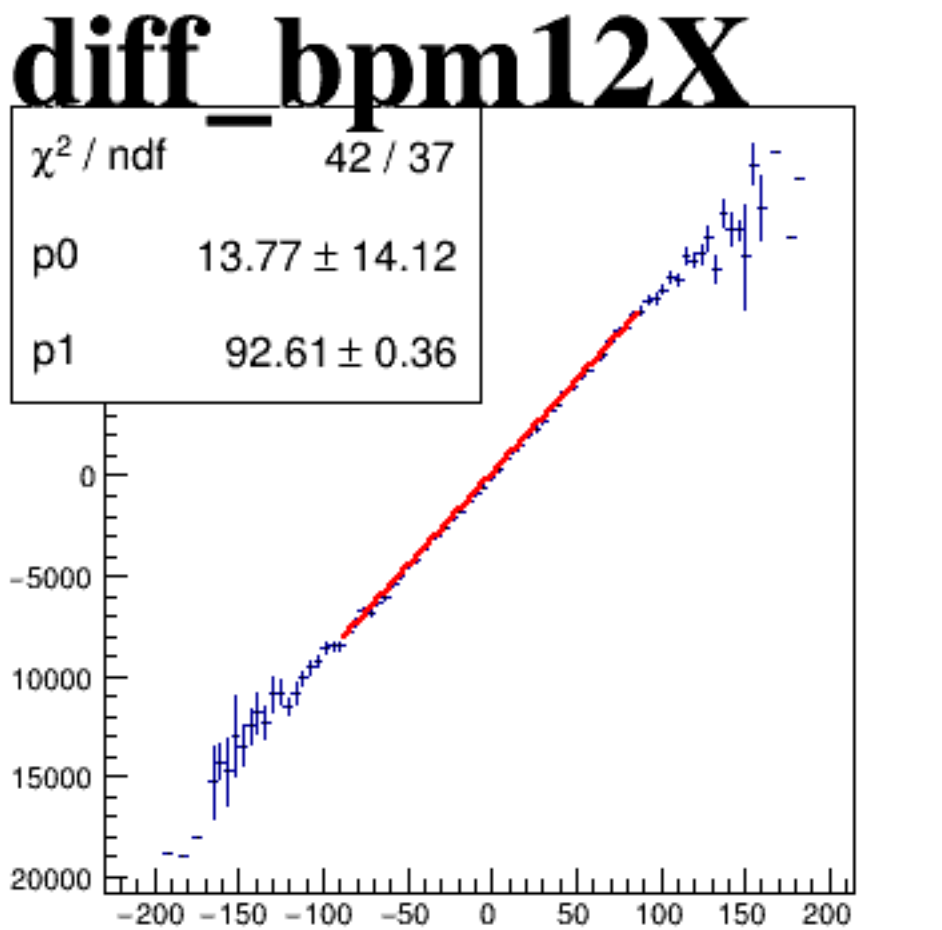
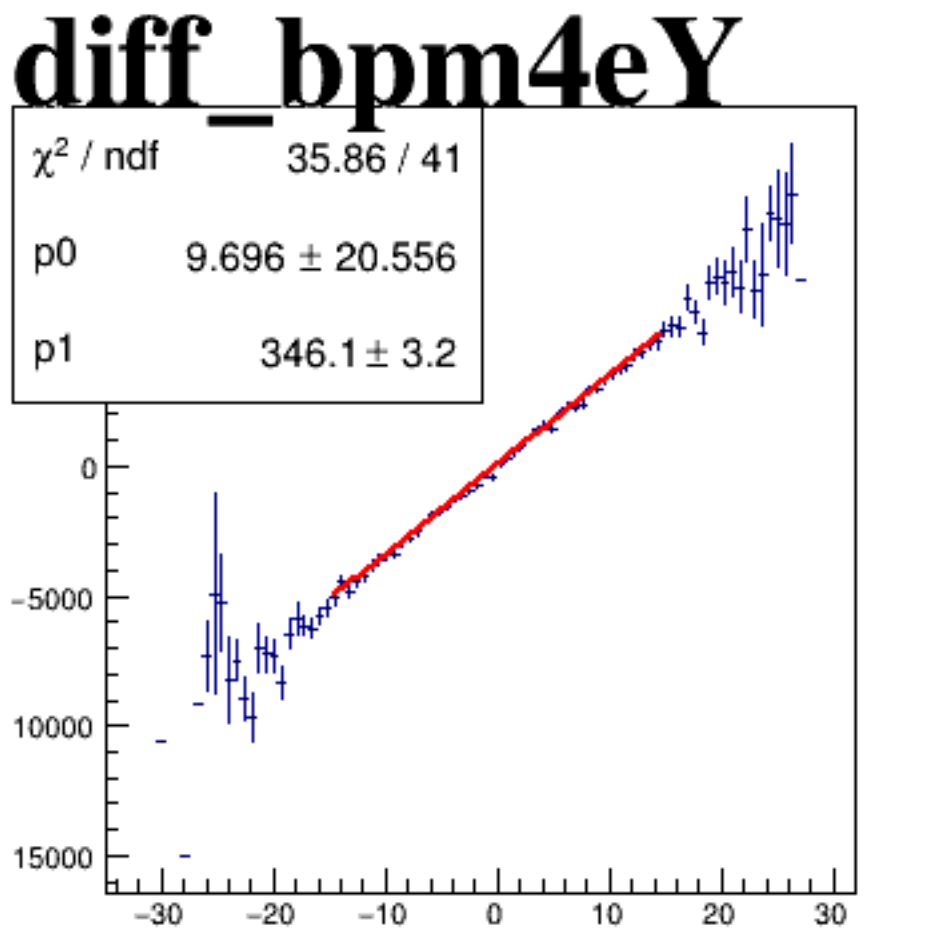
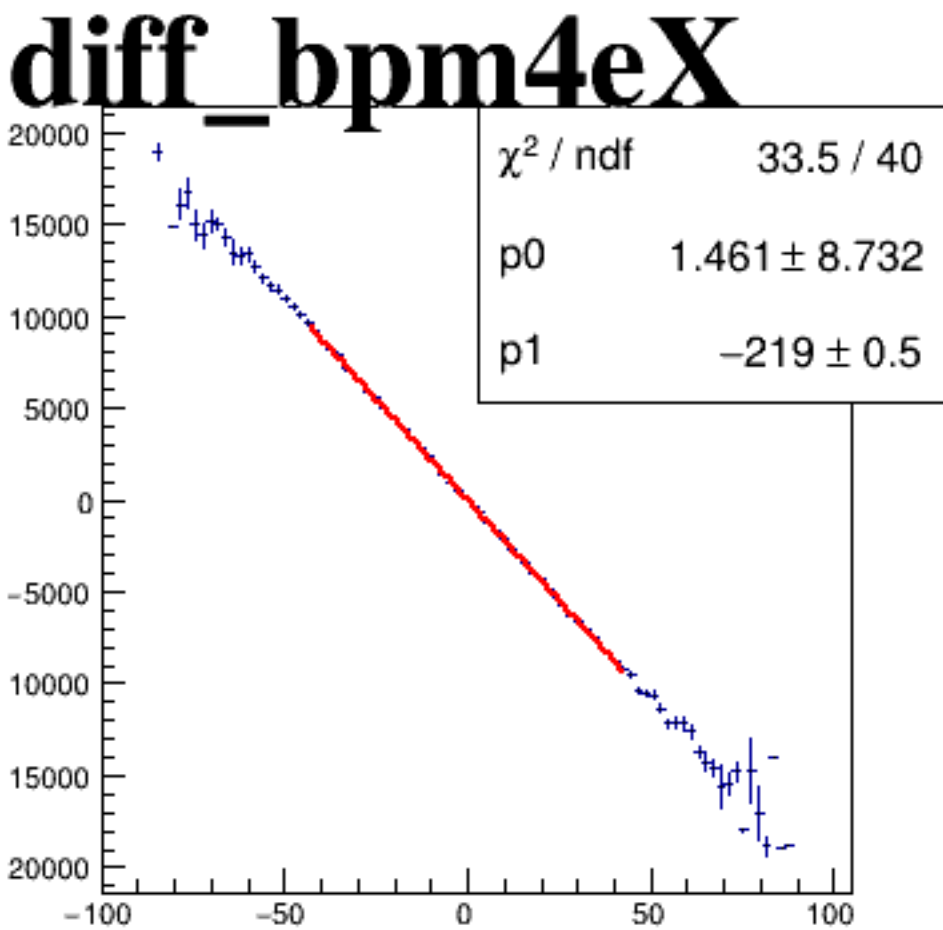
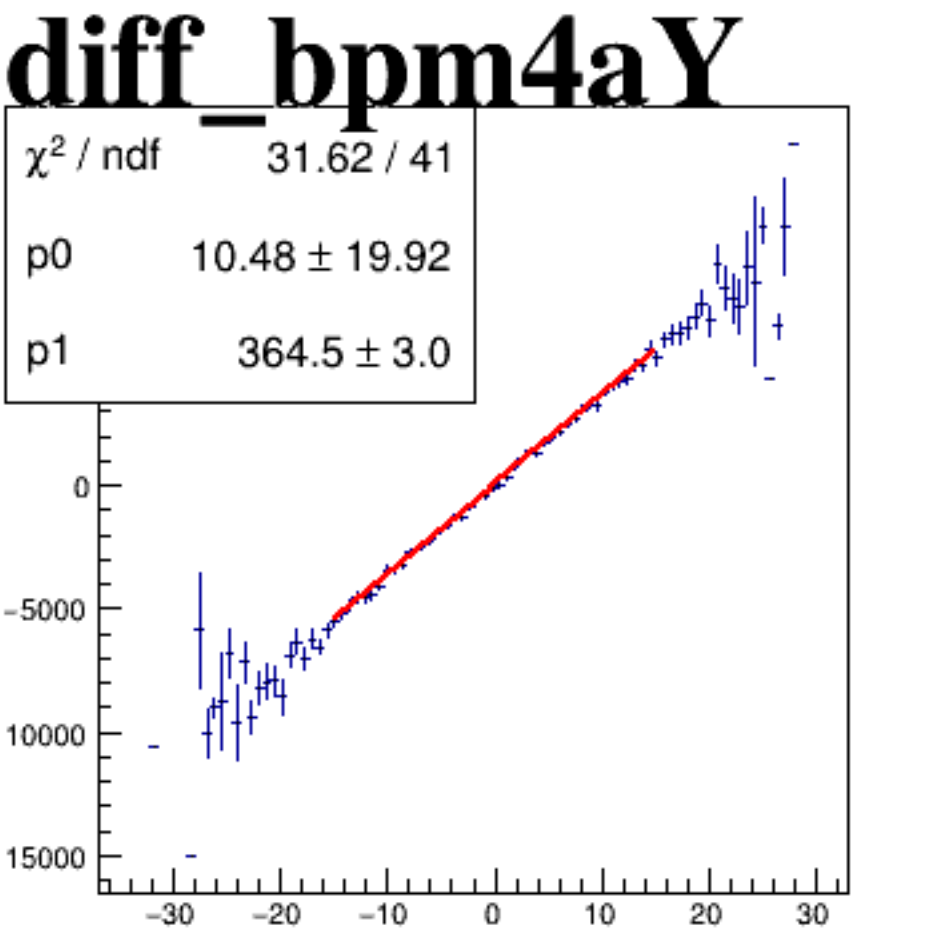
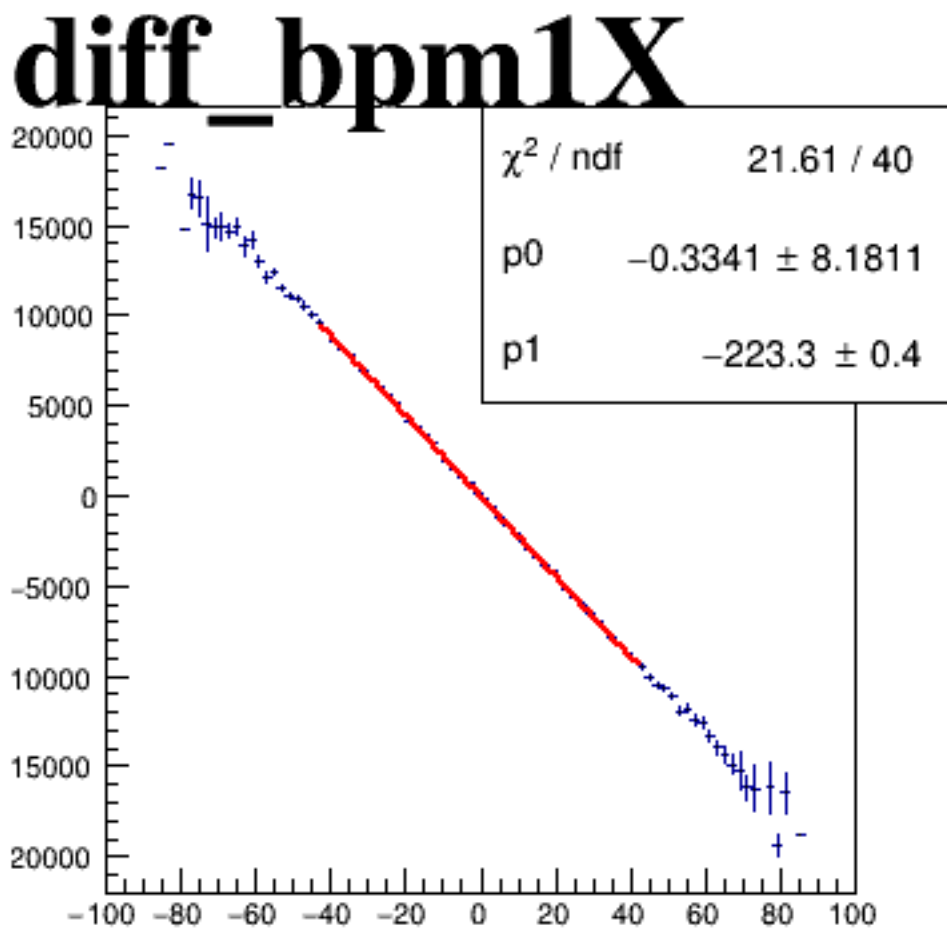
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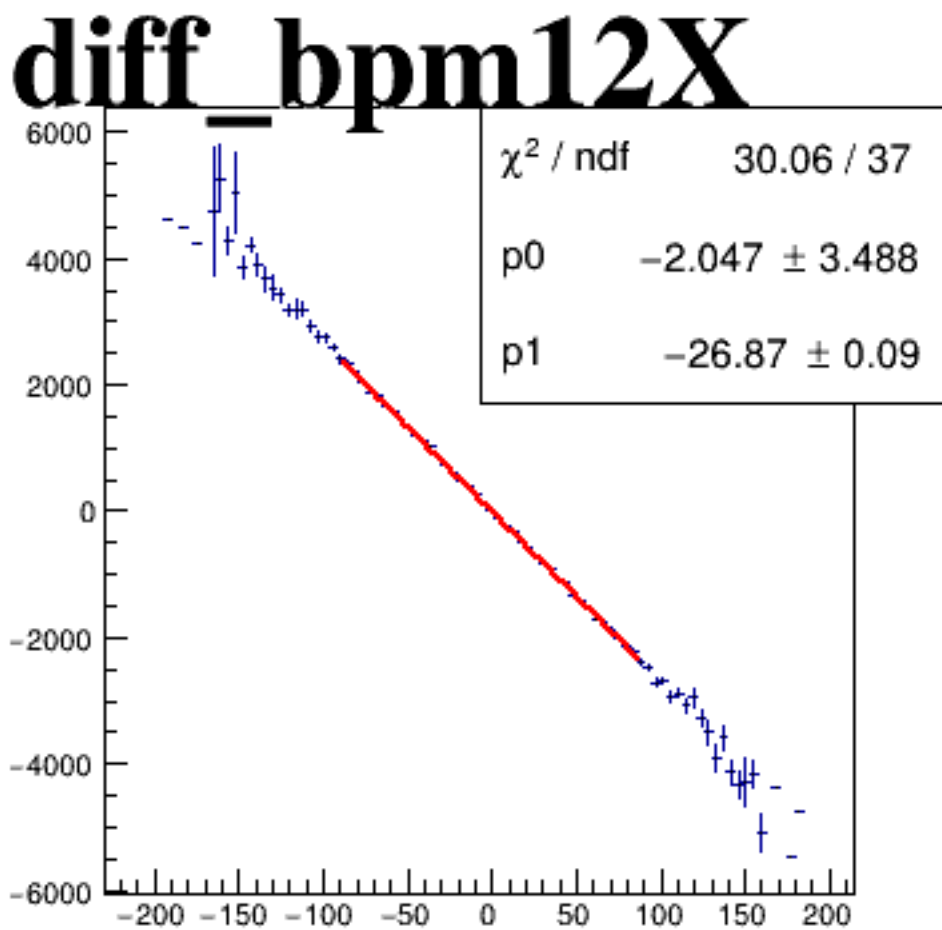
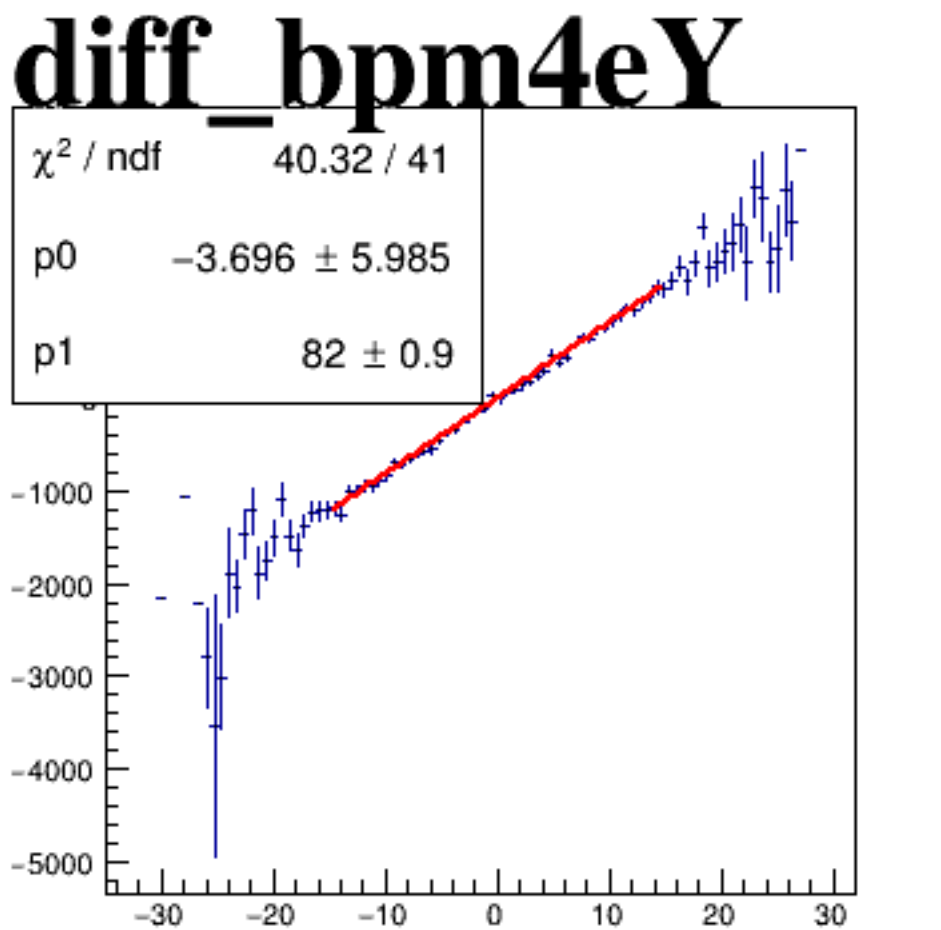
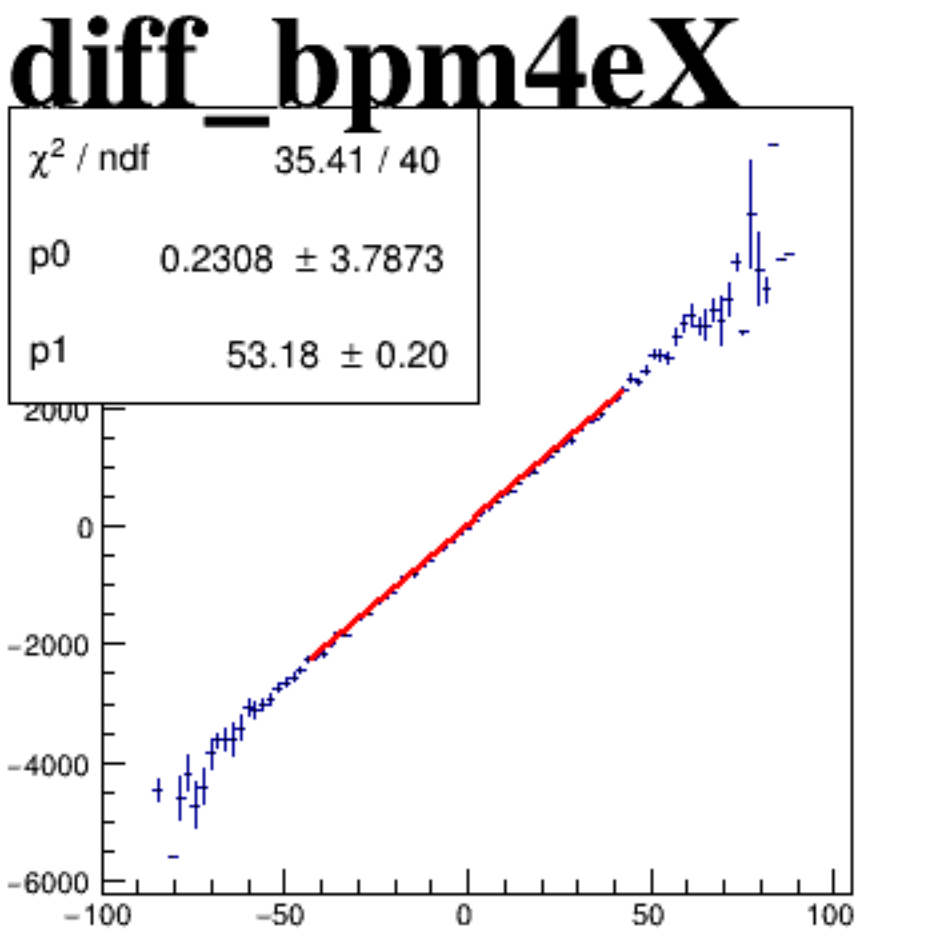
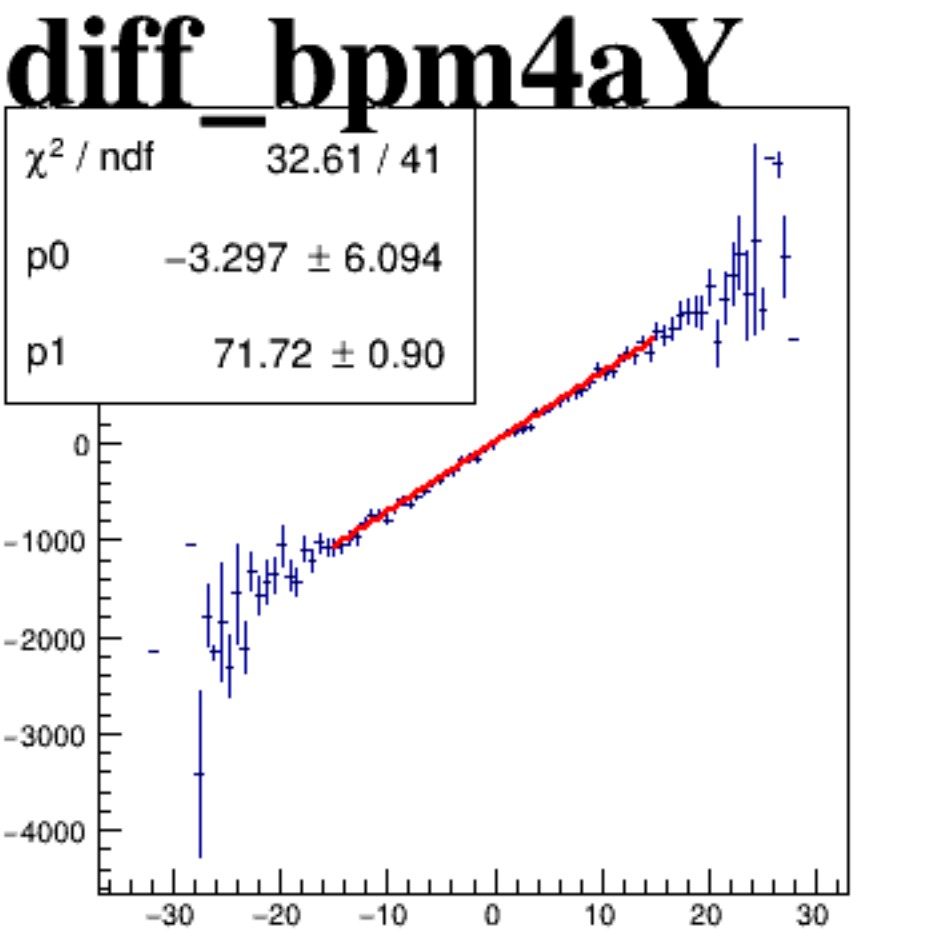
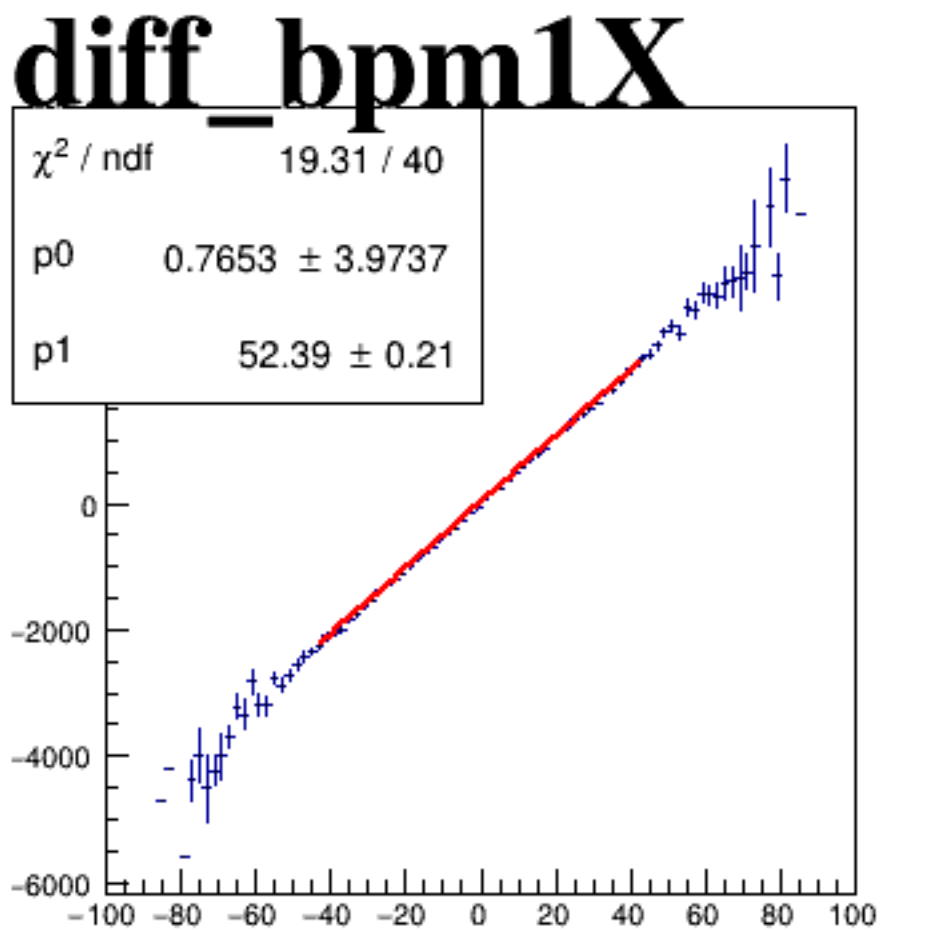
asym_sam2



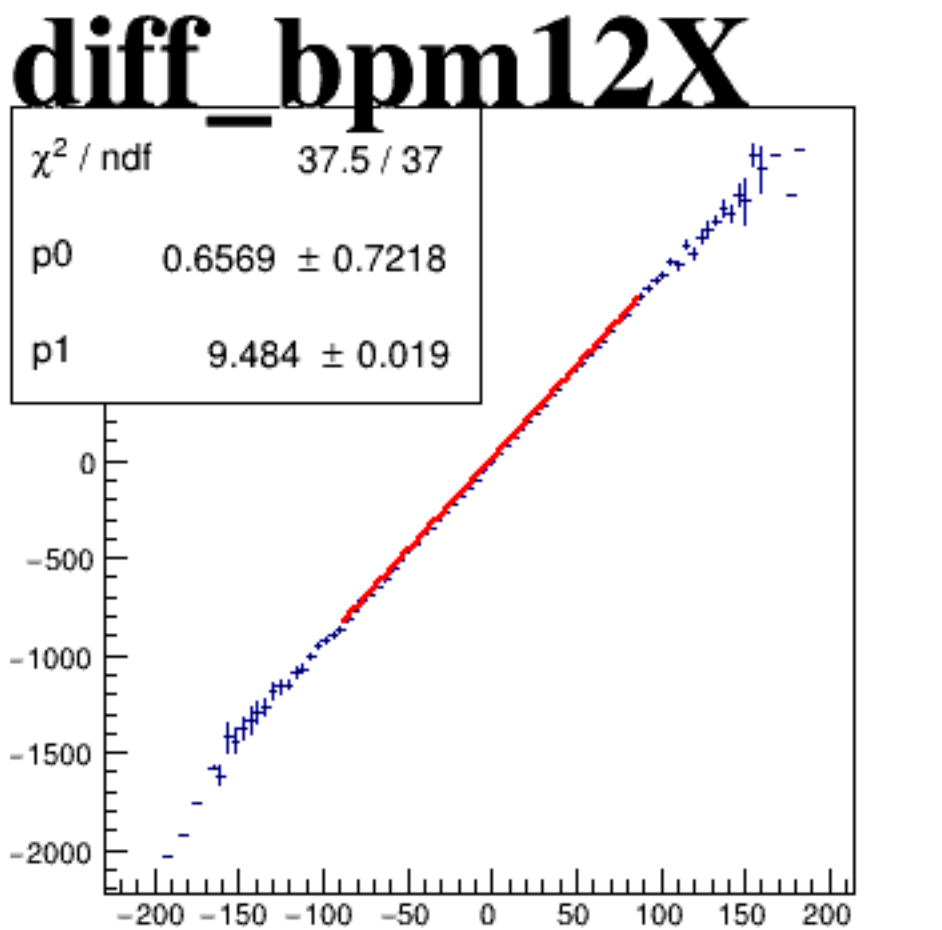
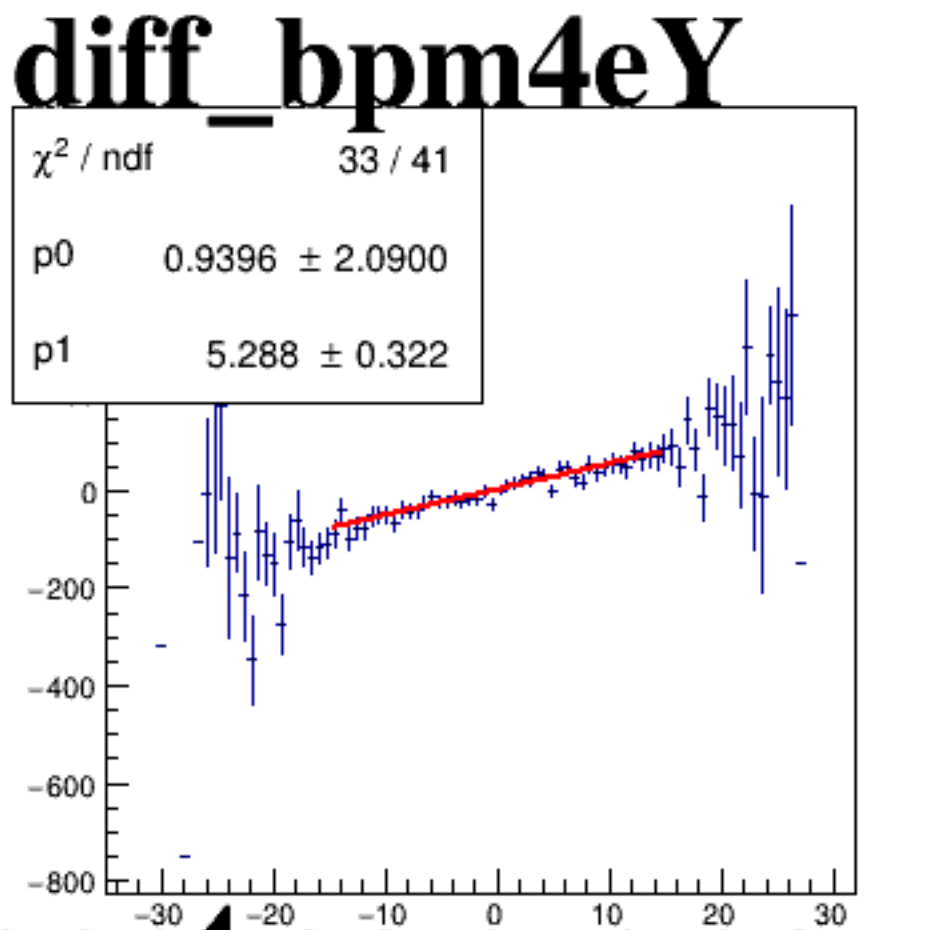
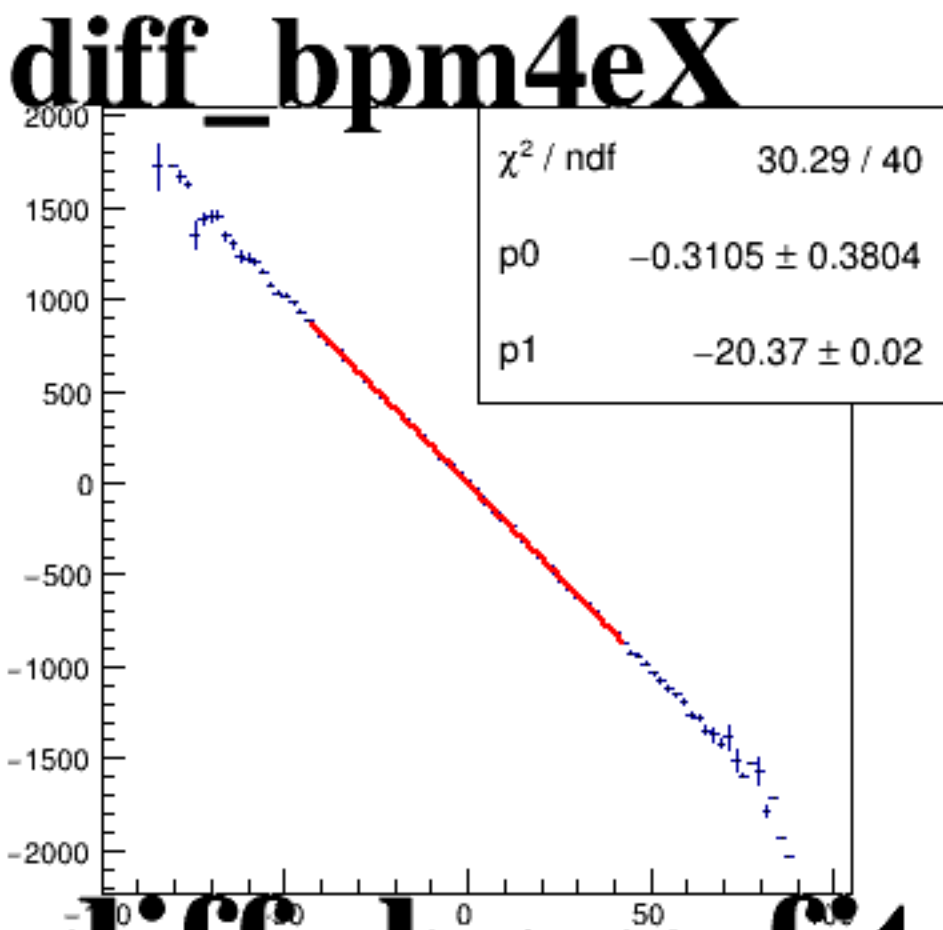
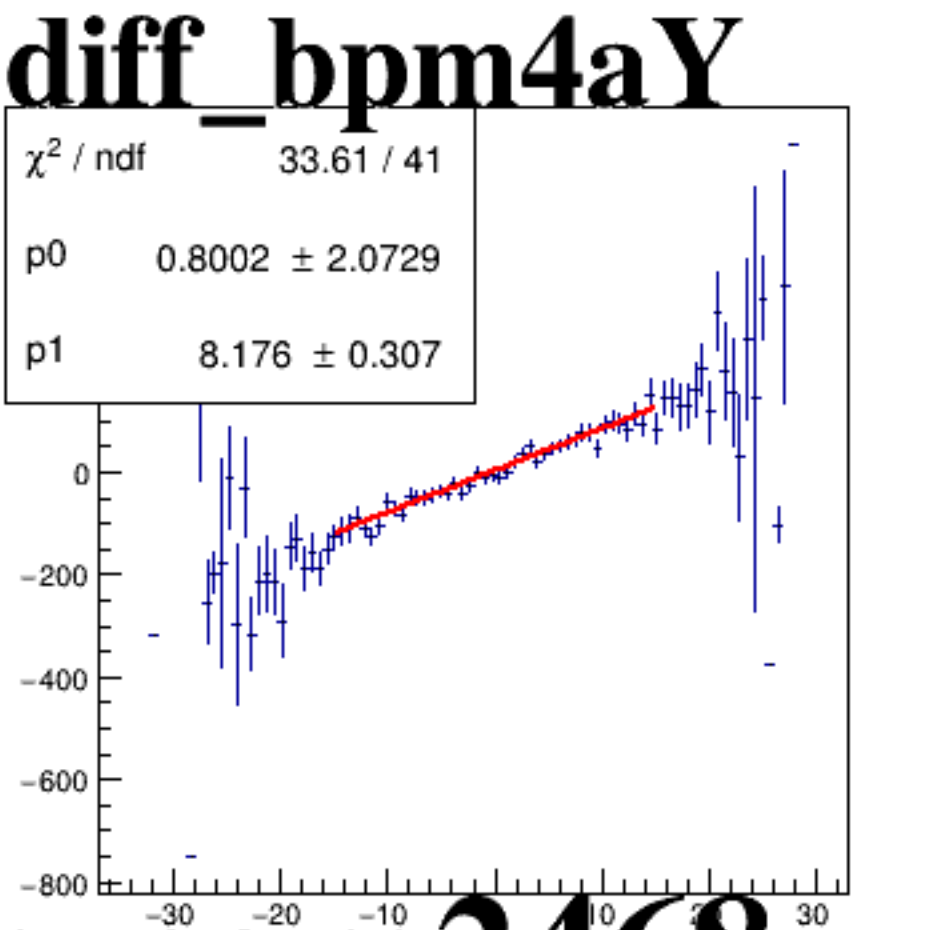
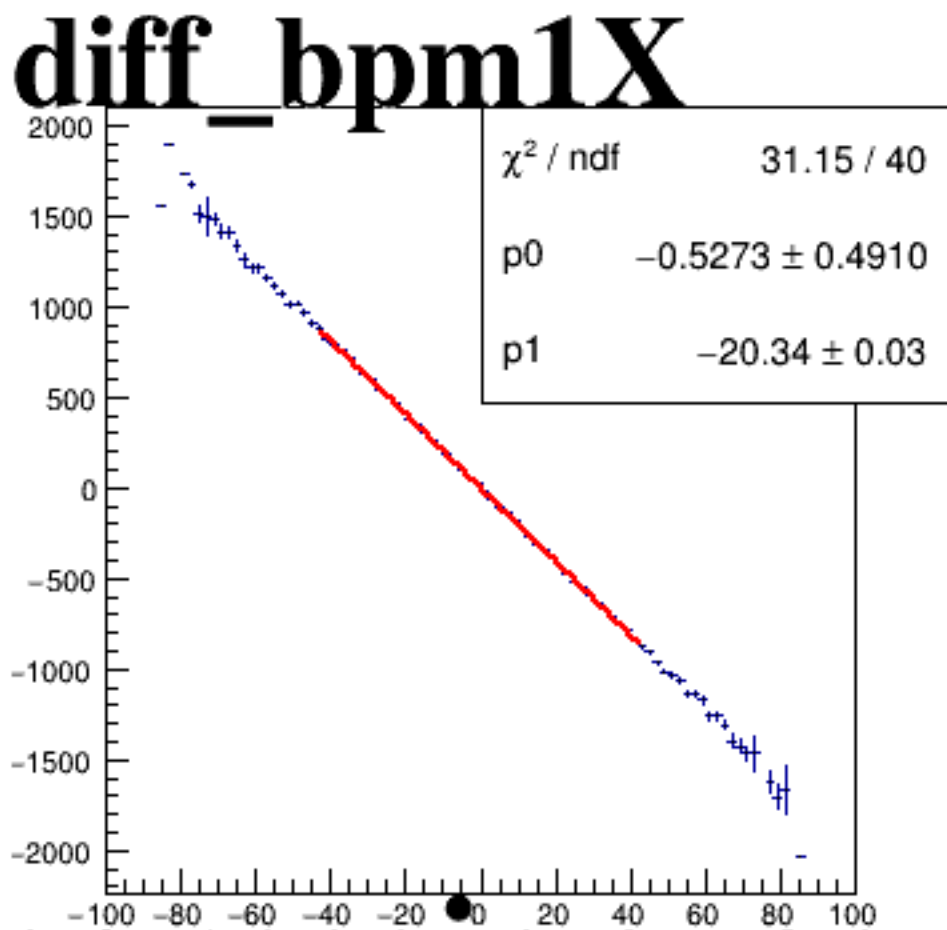
asym_sam4



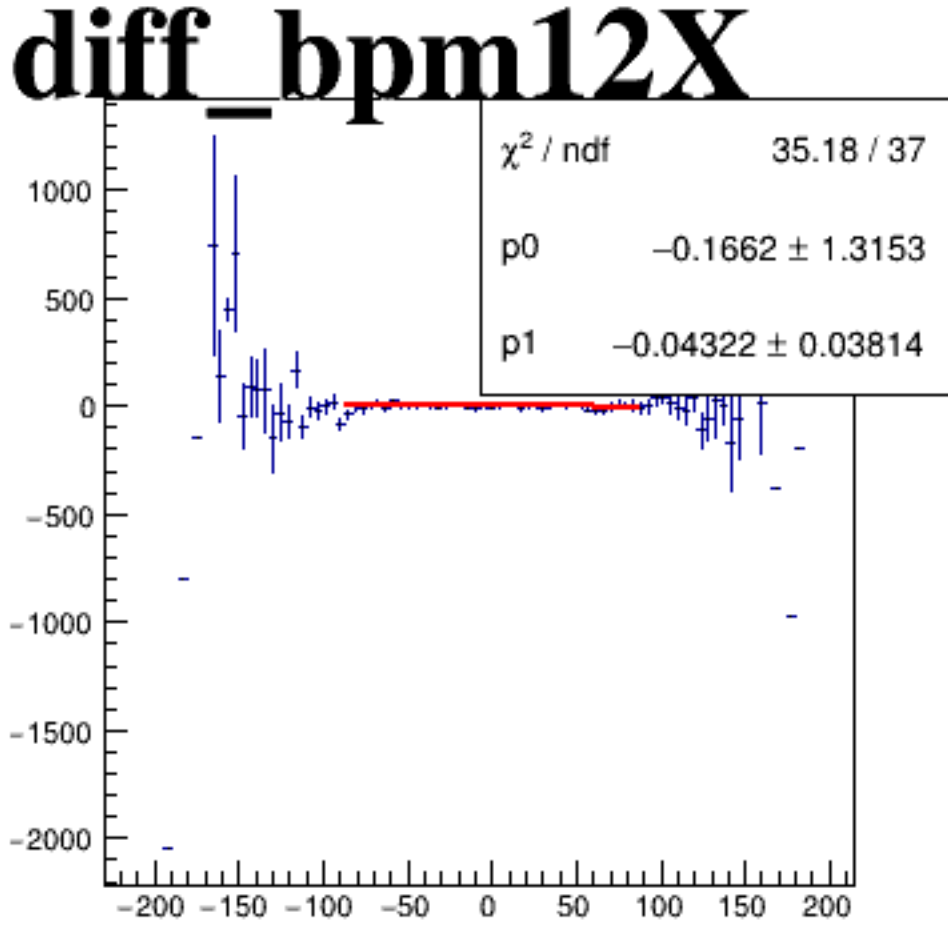
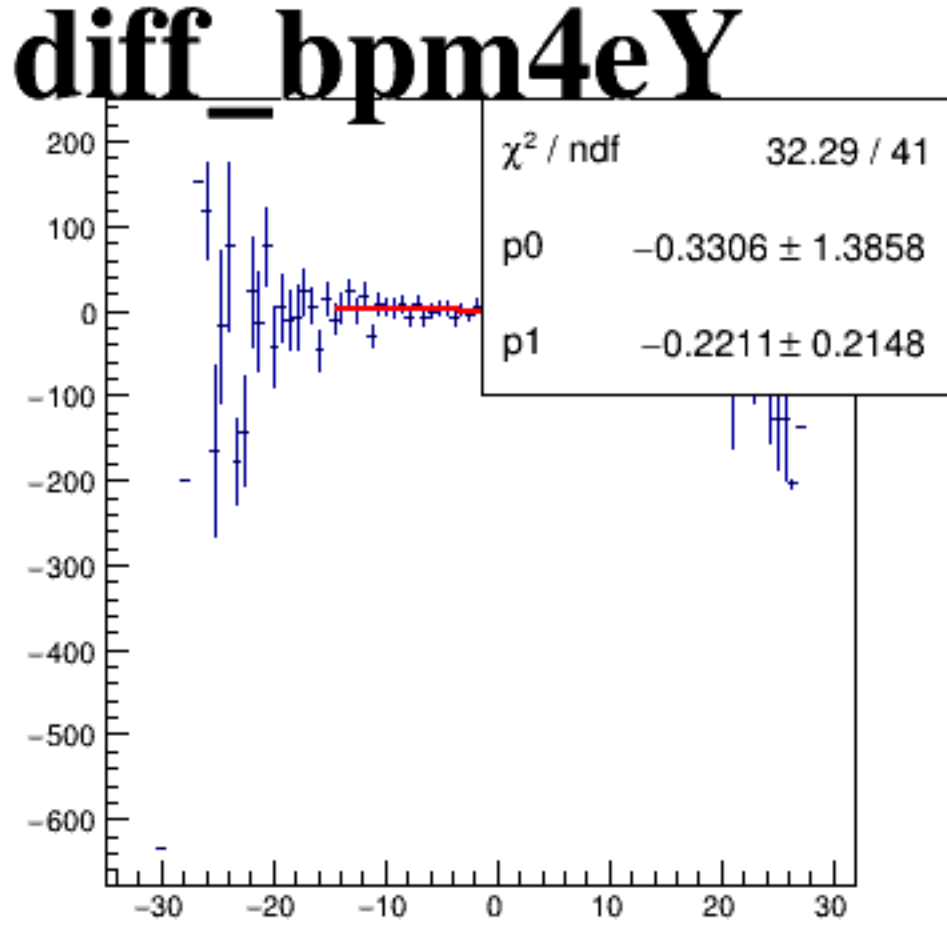
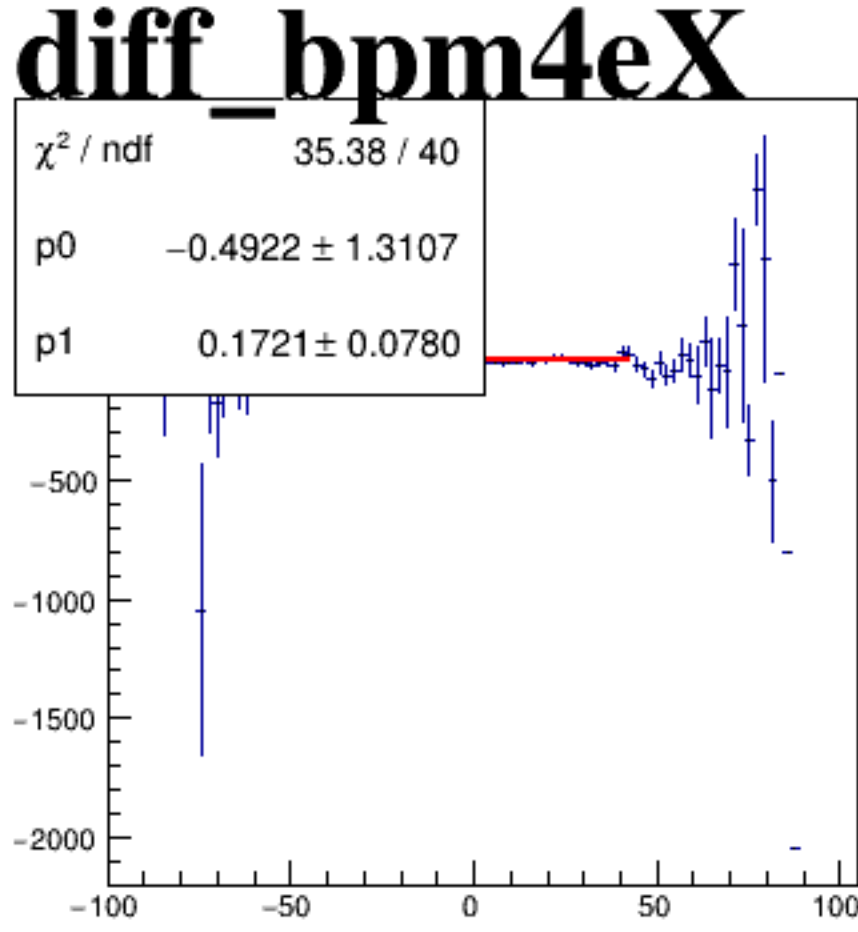
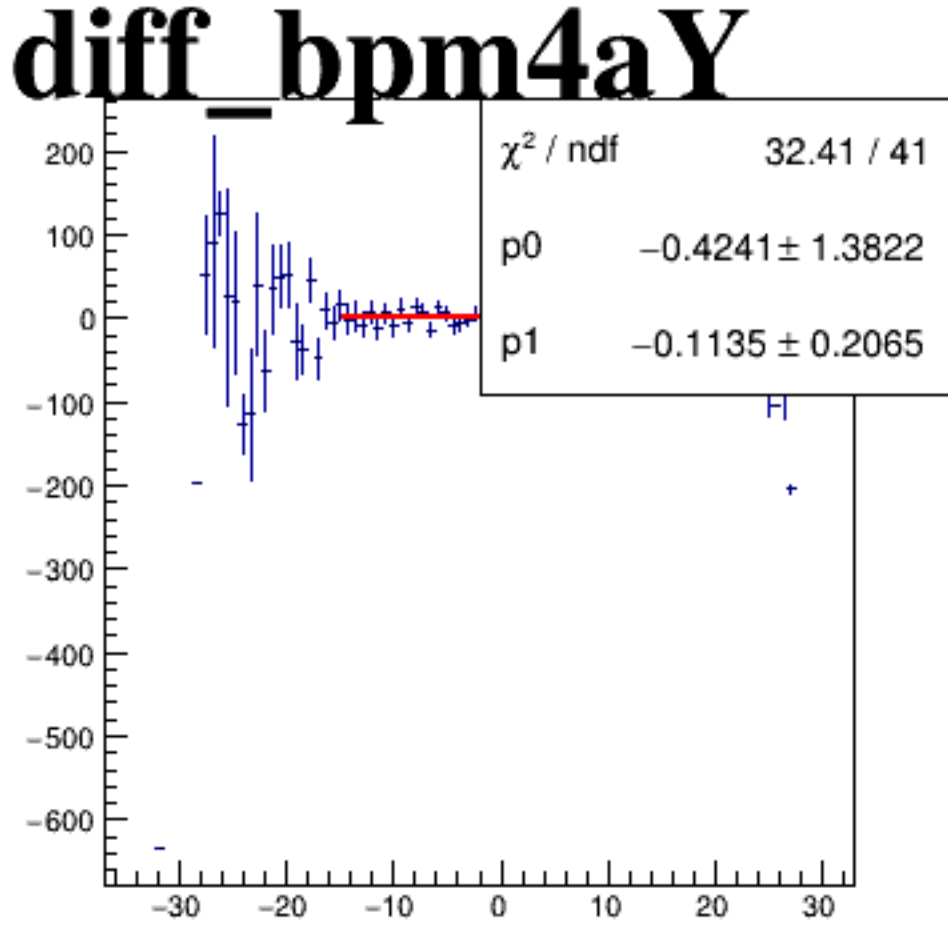
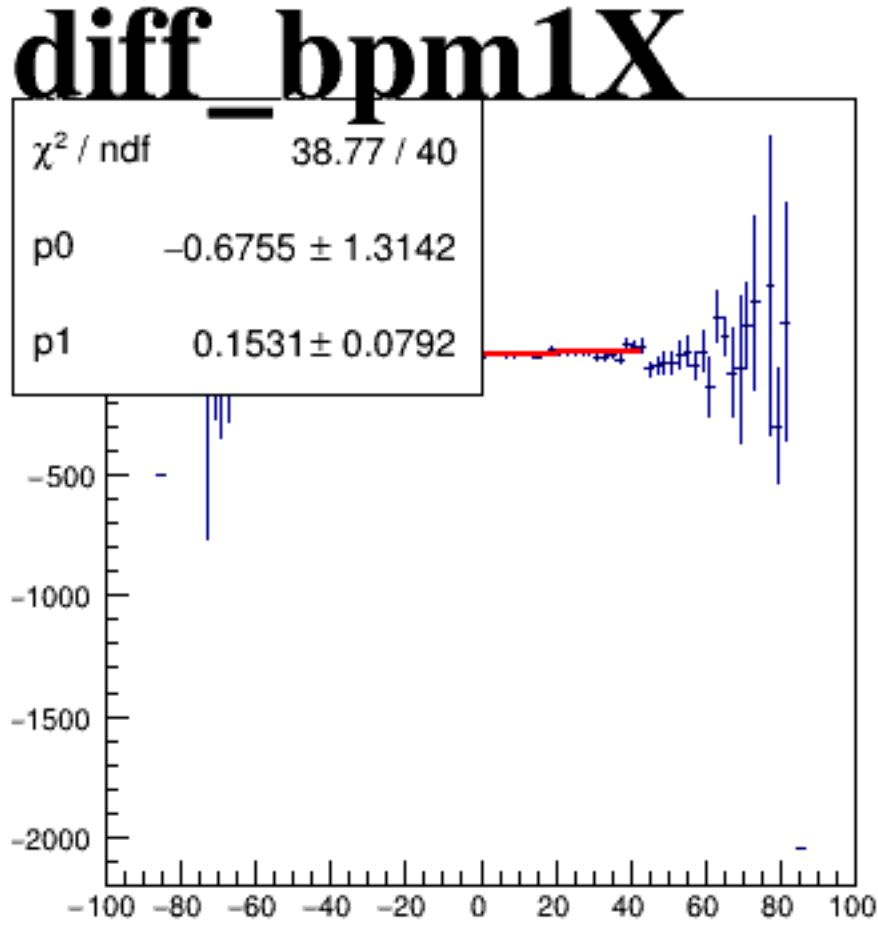
asym_sam6



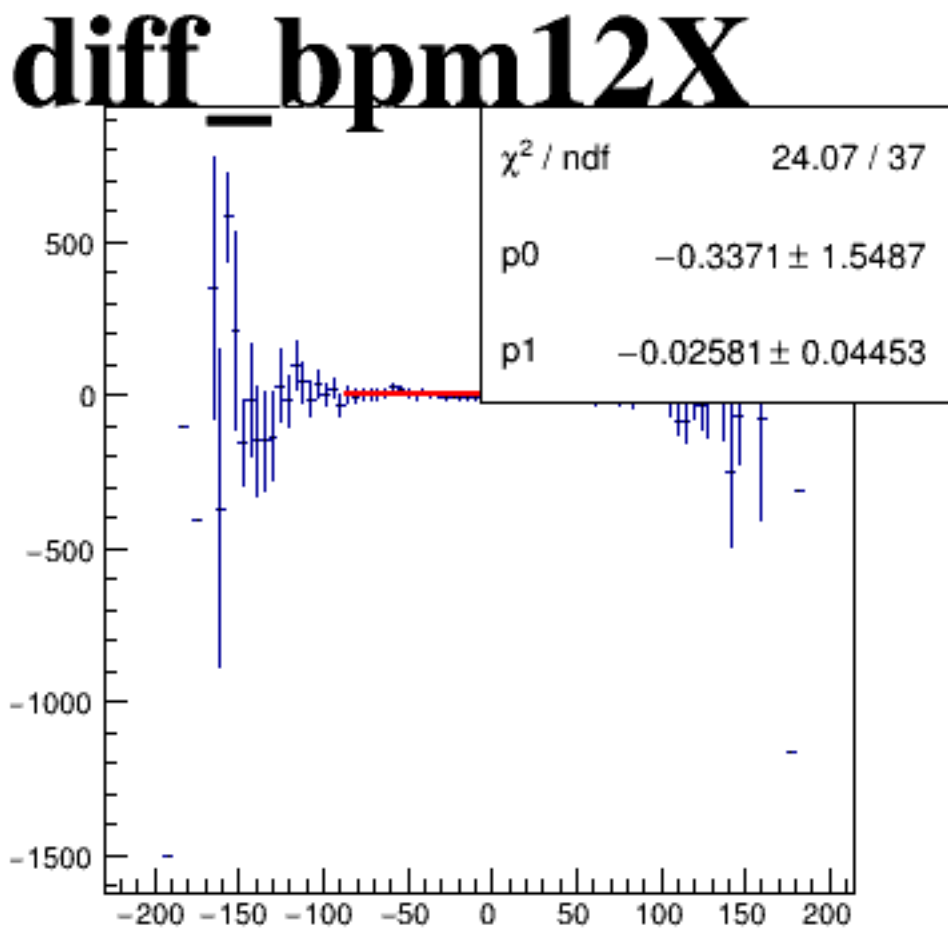
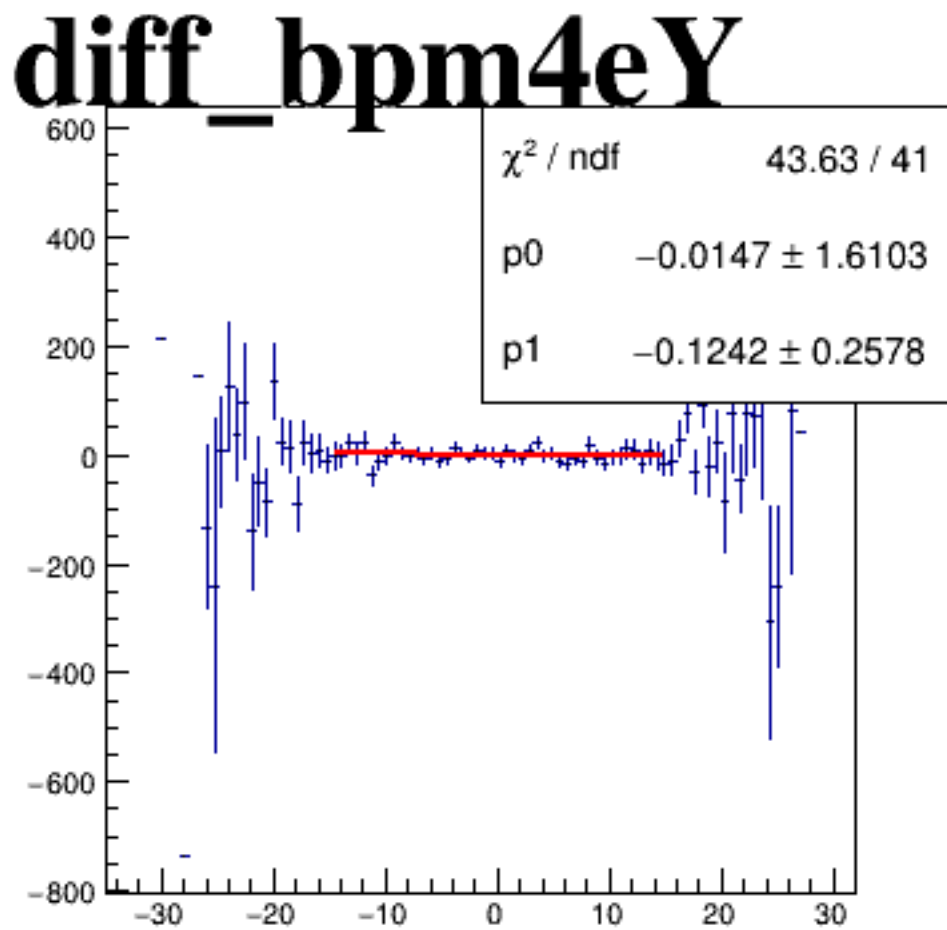
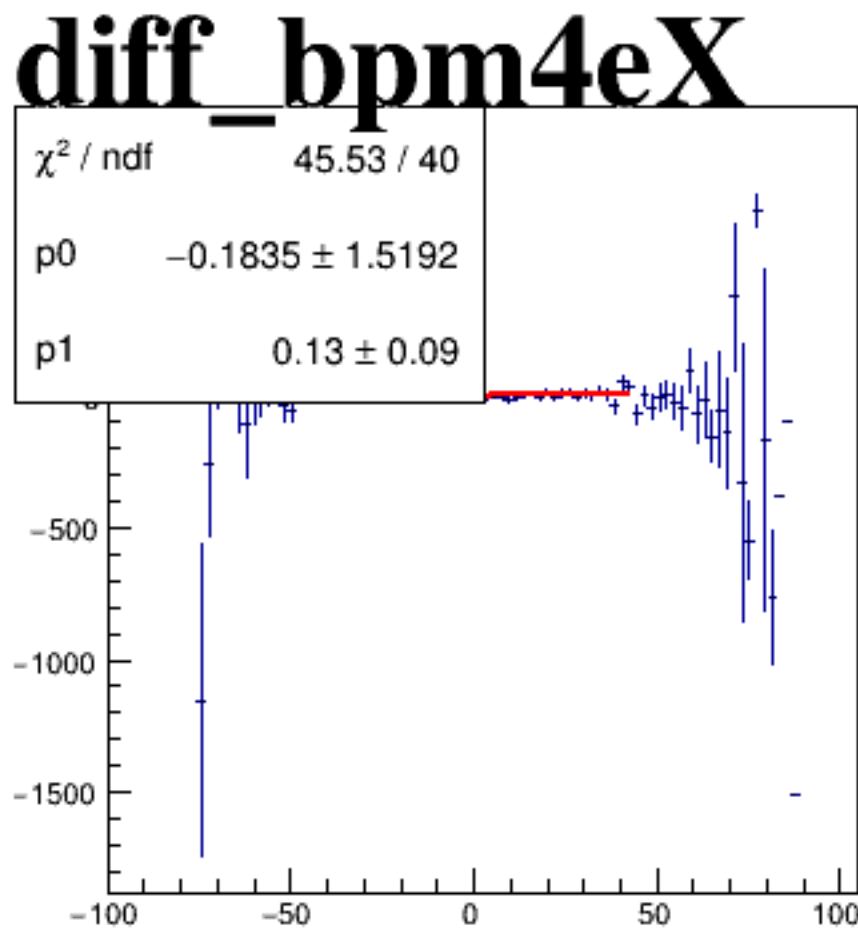
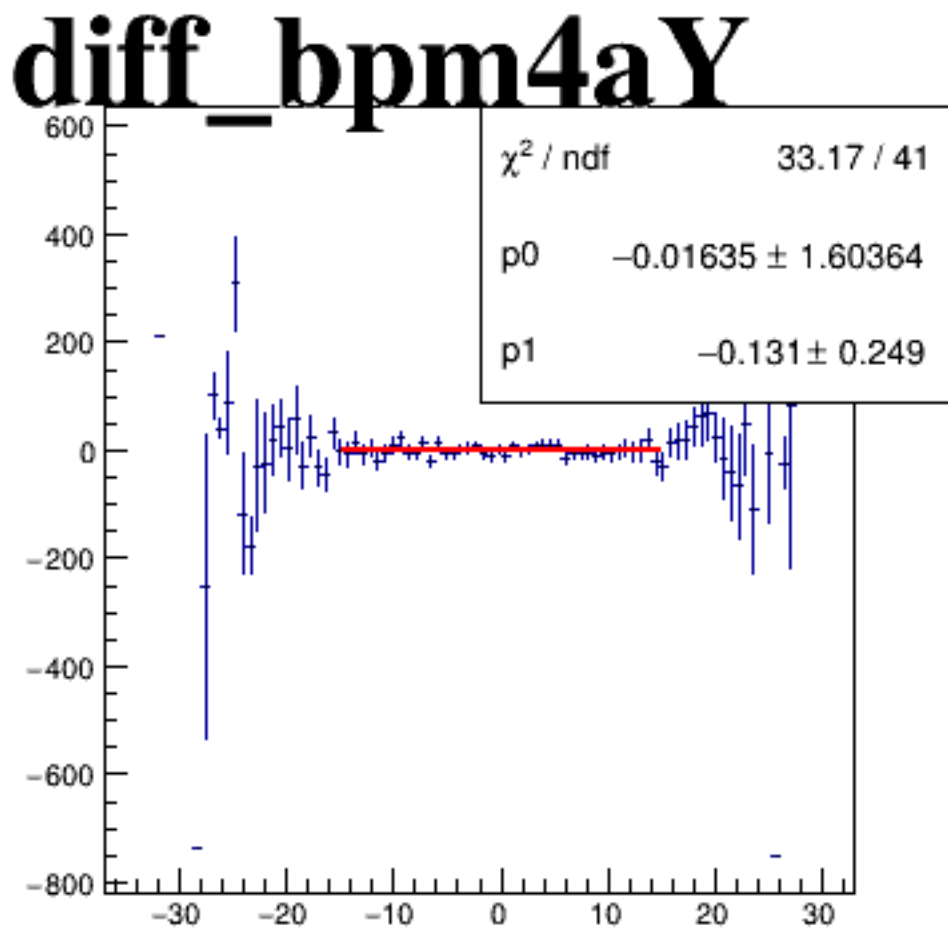
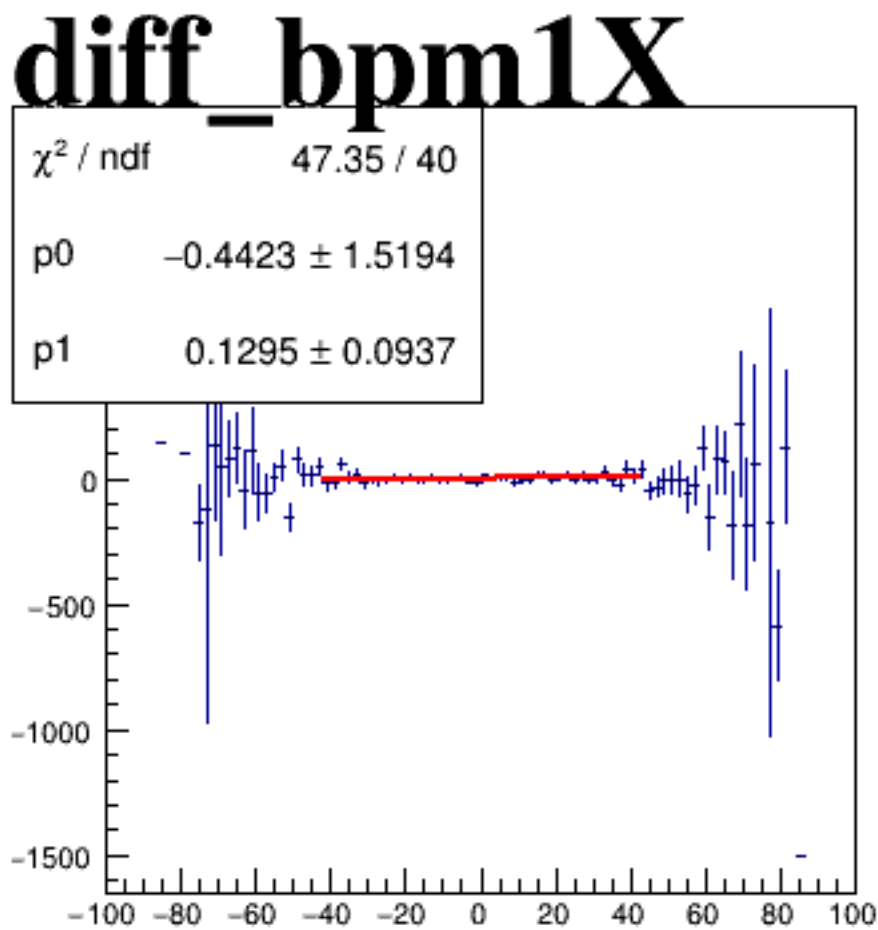
asym_sam8



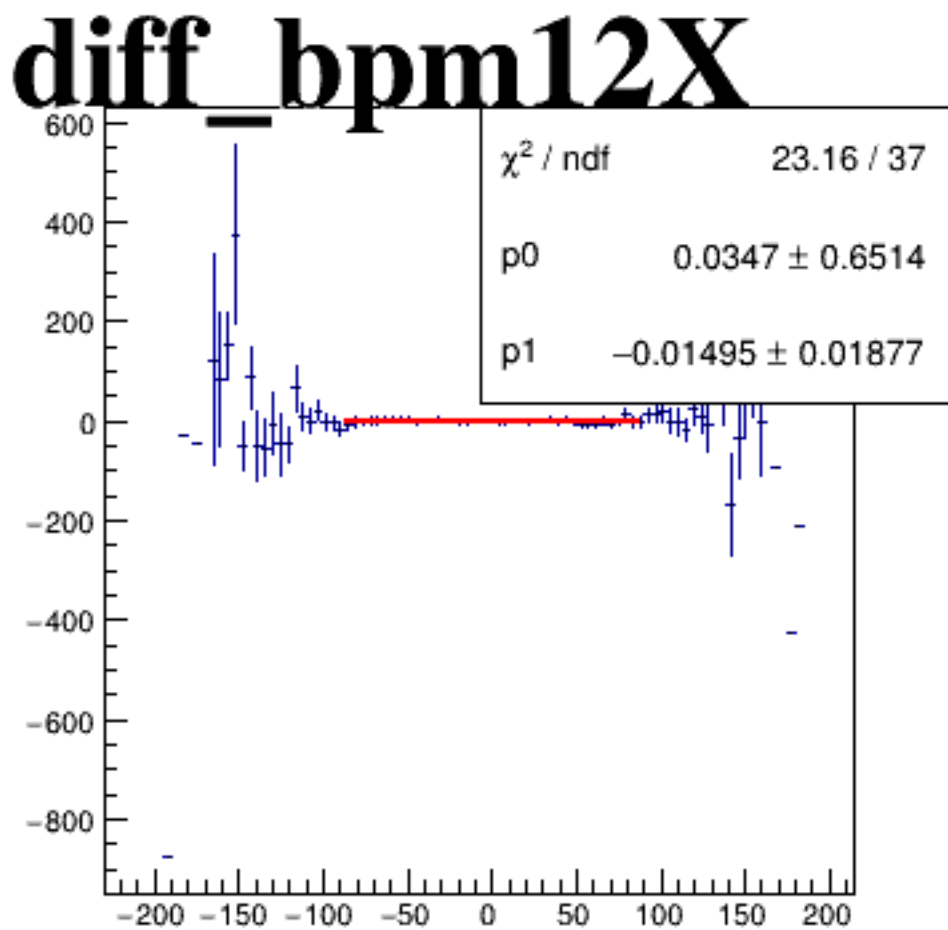
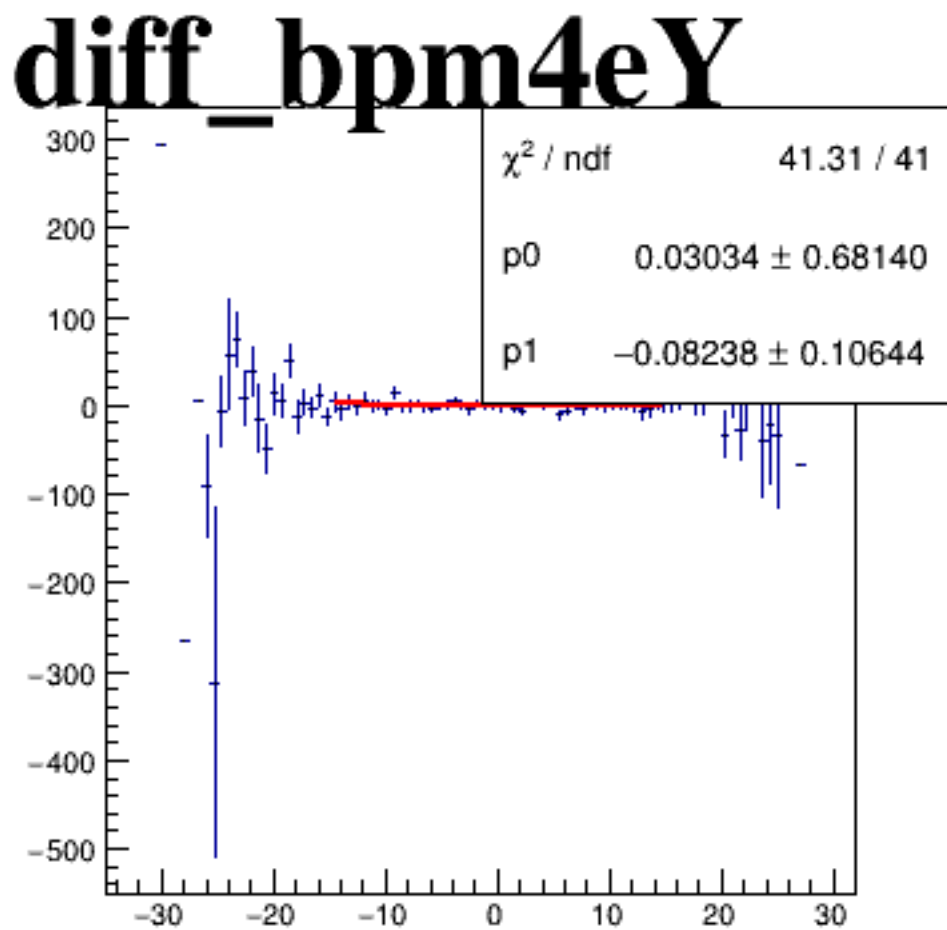
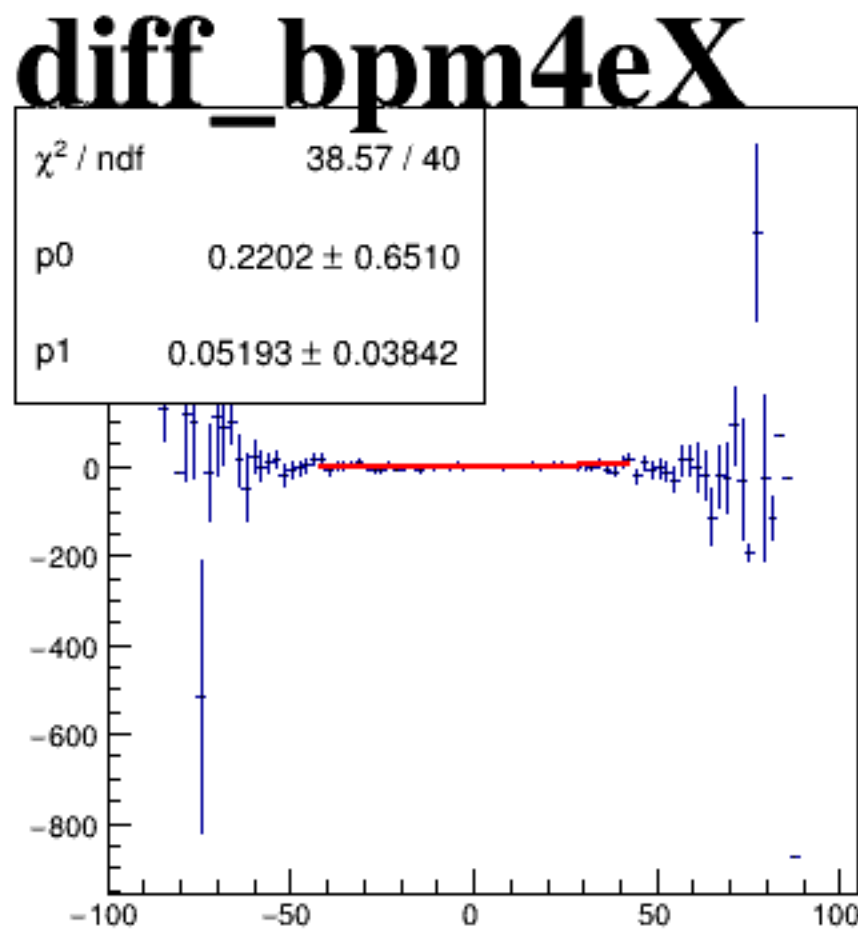
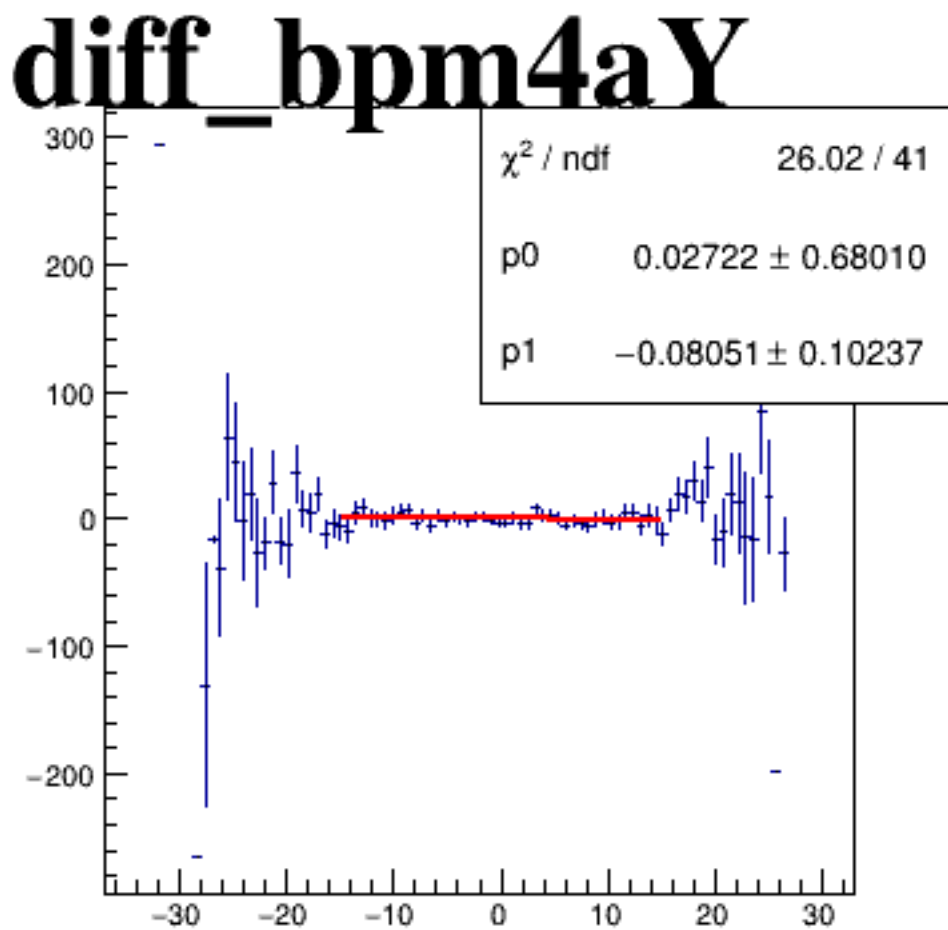
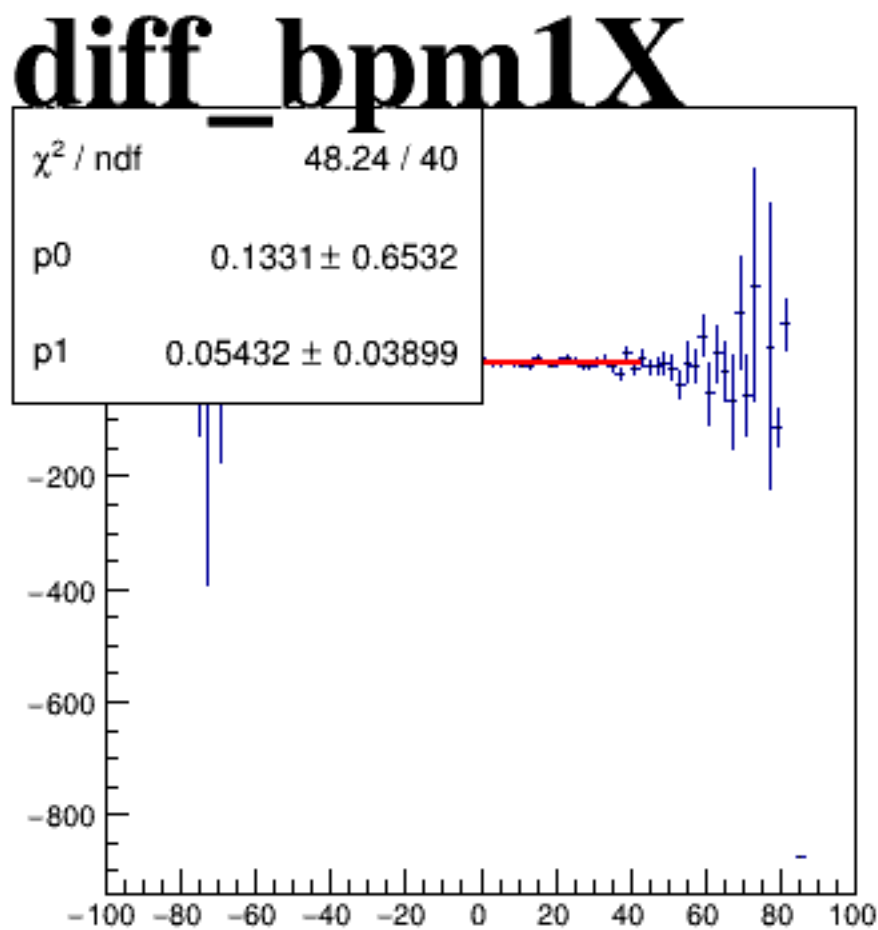
reg_asym_sam2



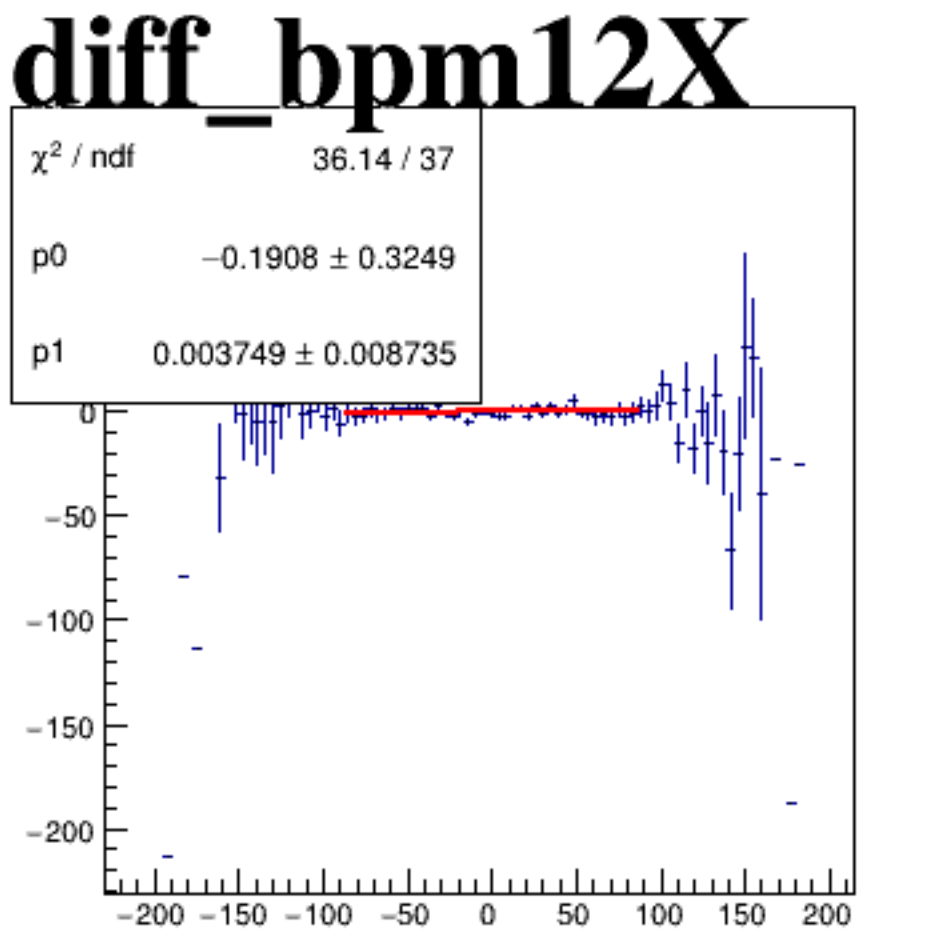
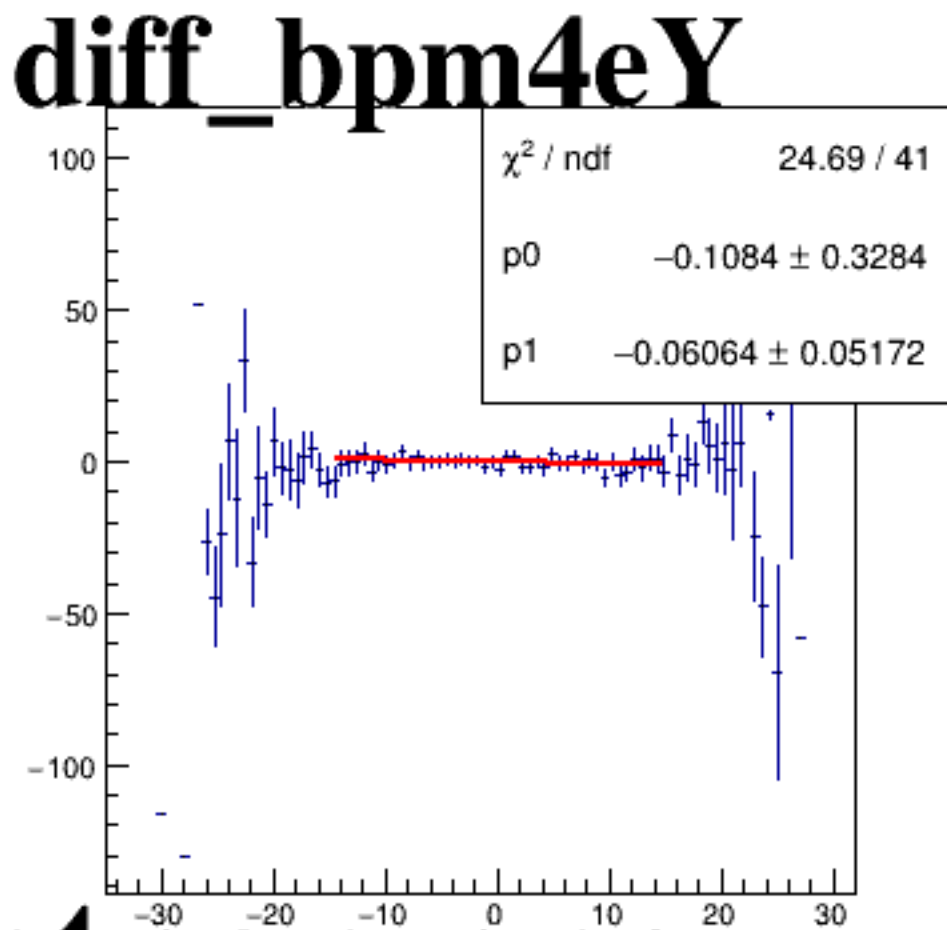
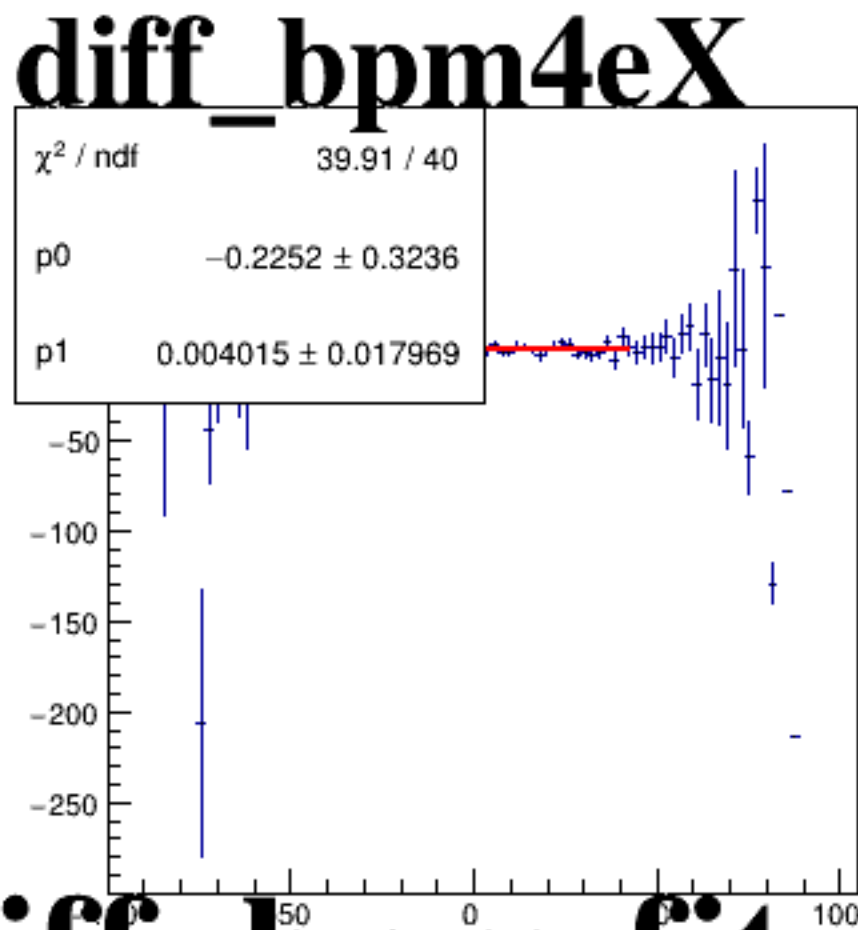
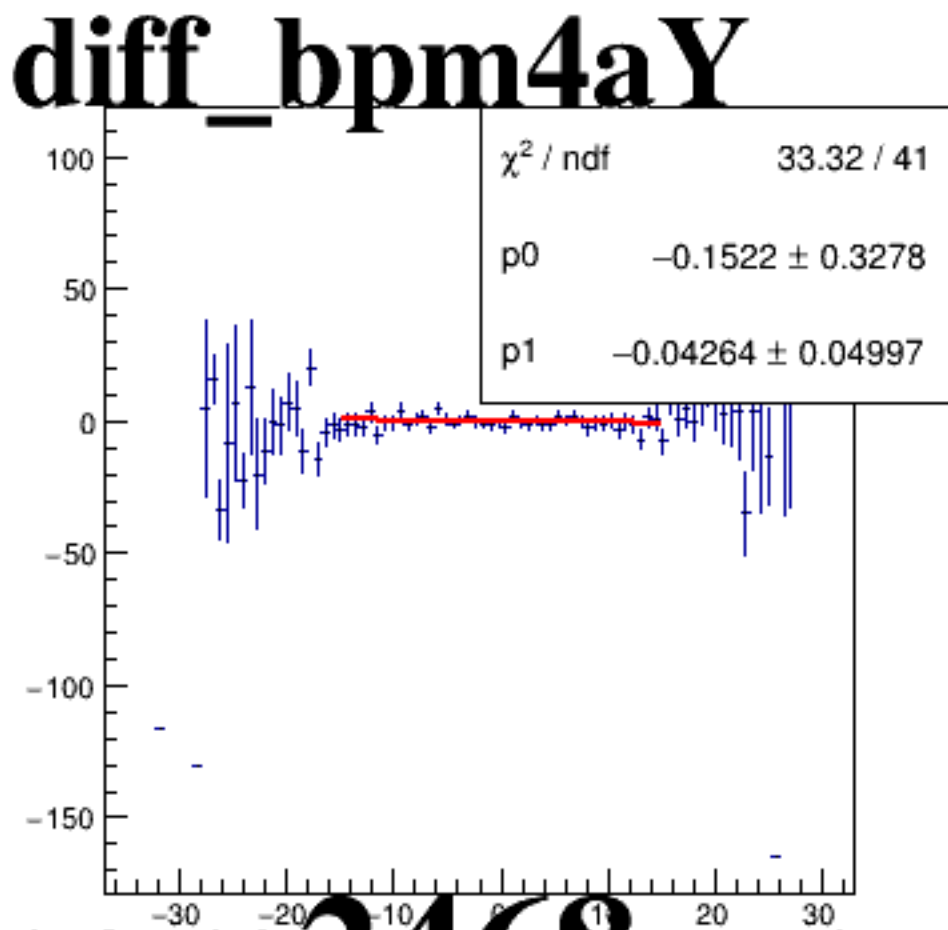
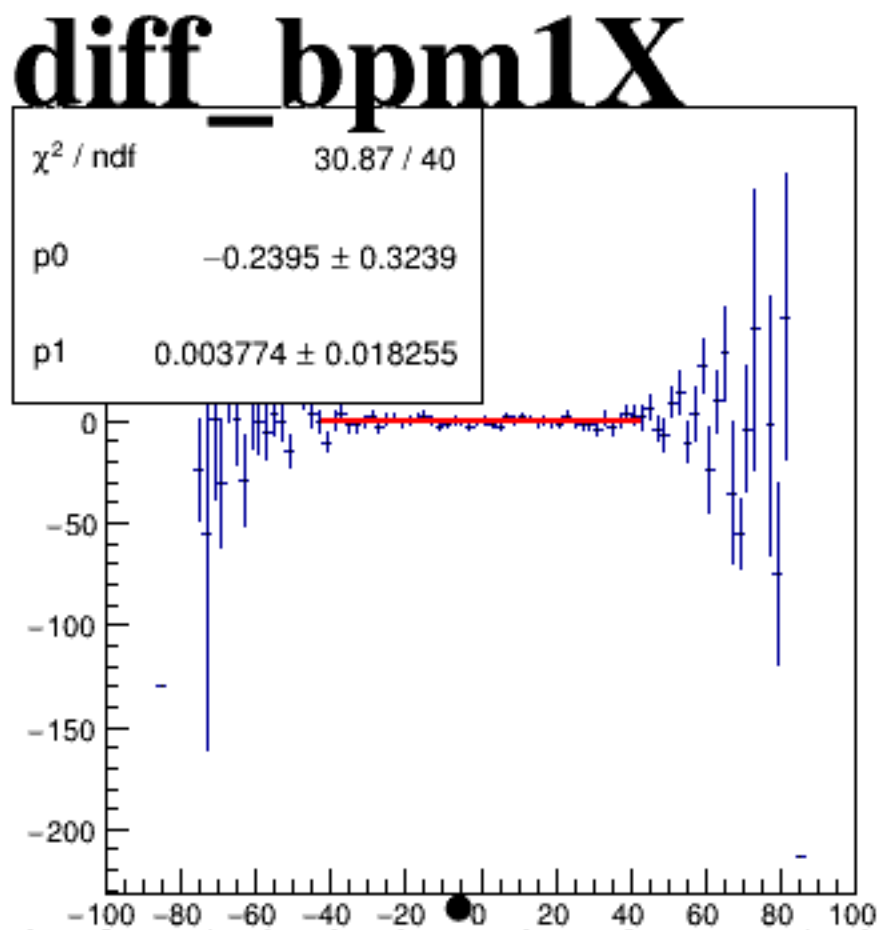
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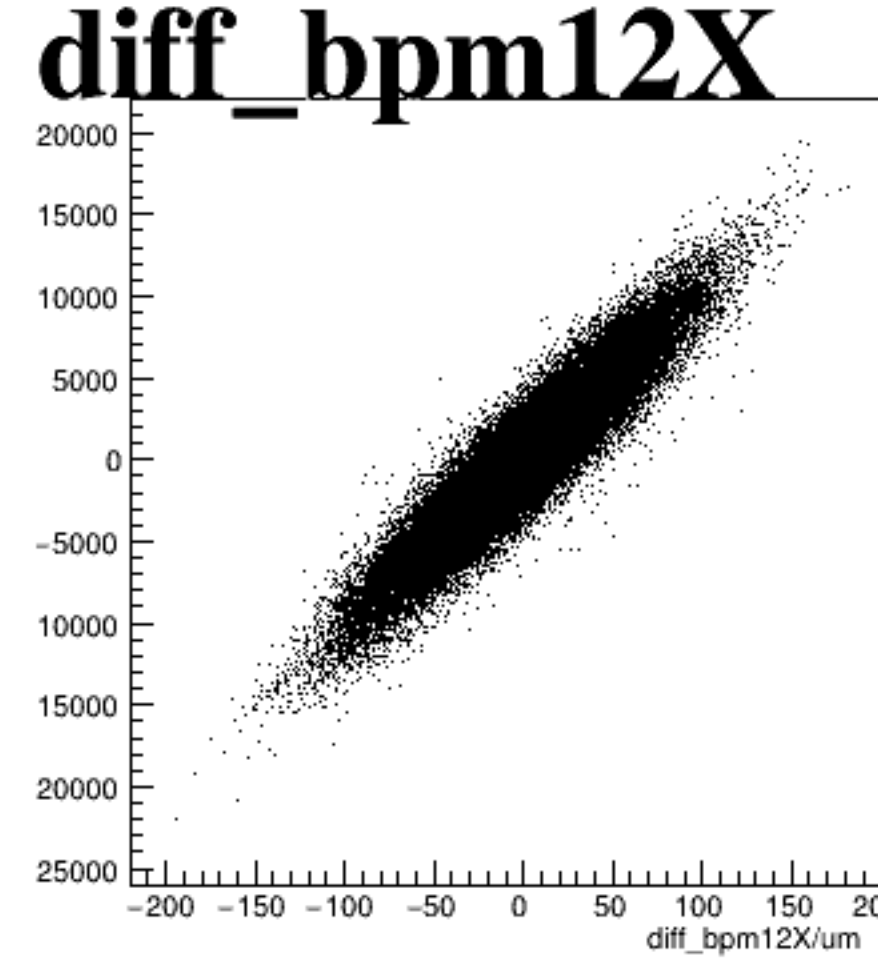
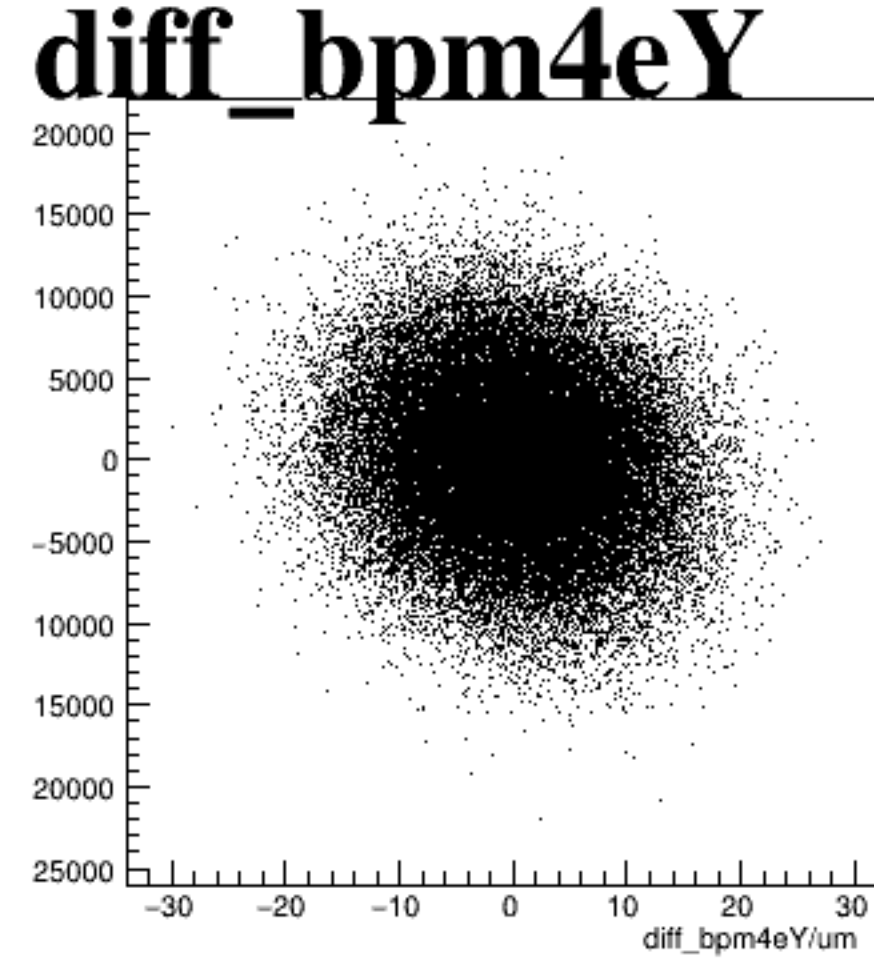
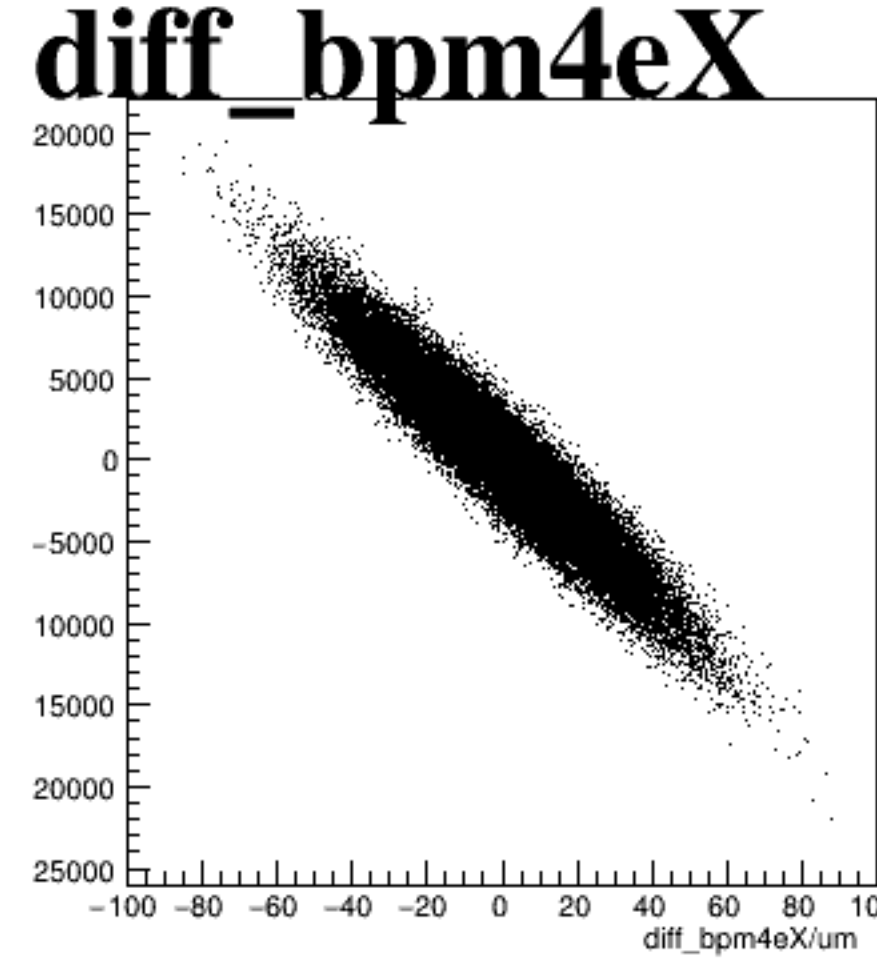
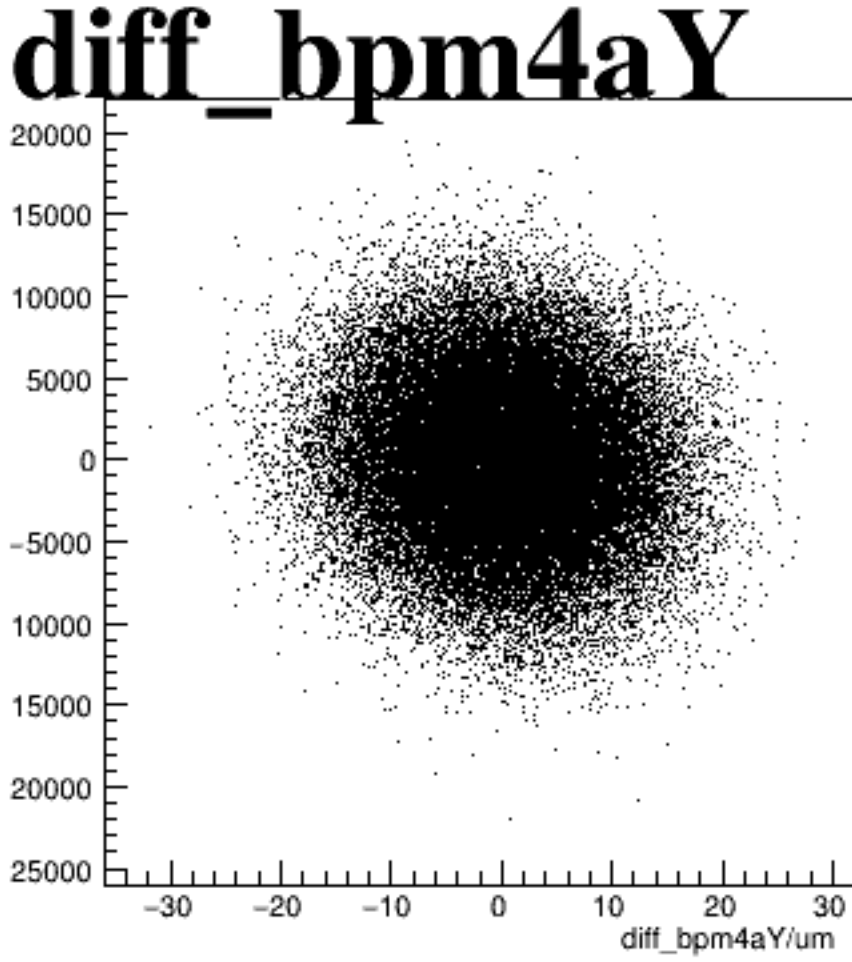
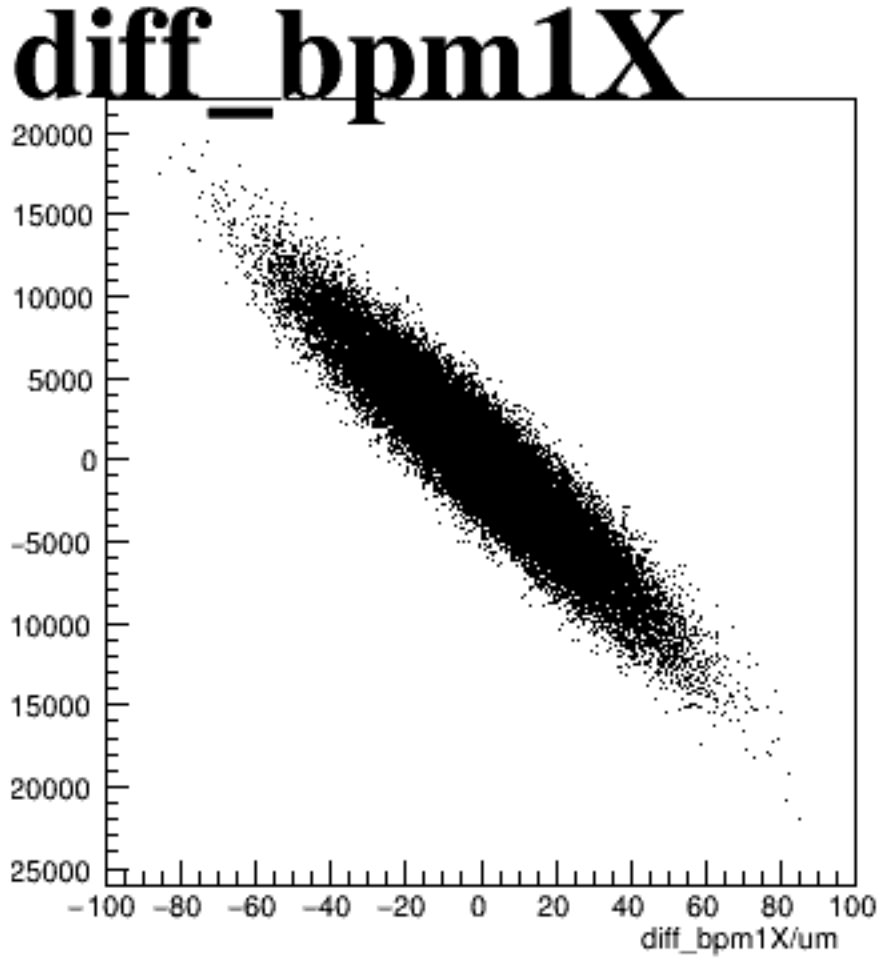
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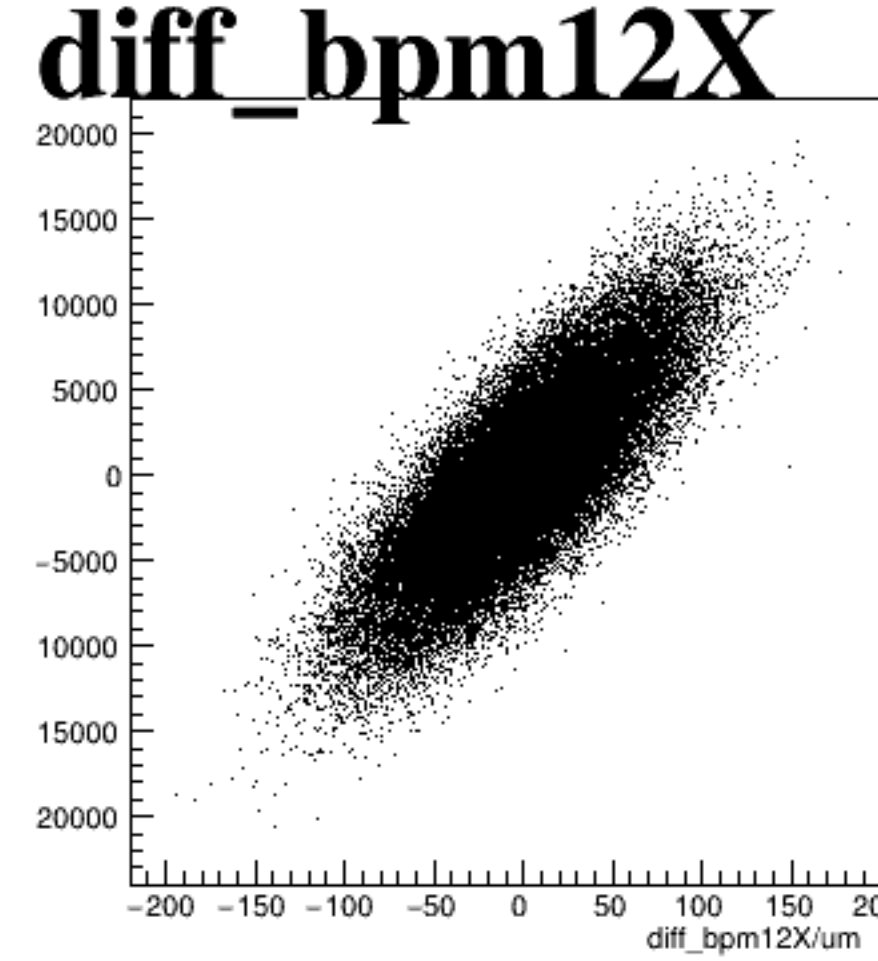
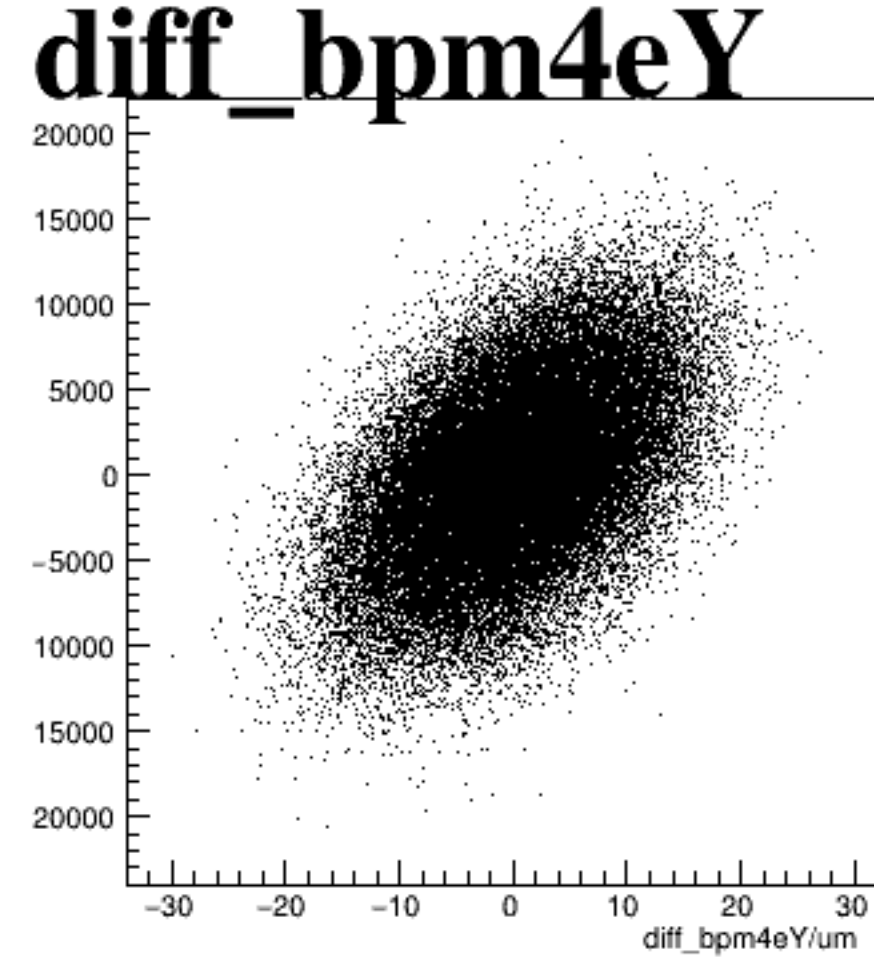
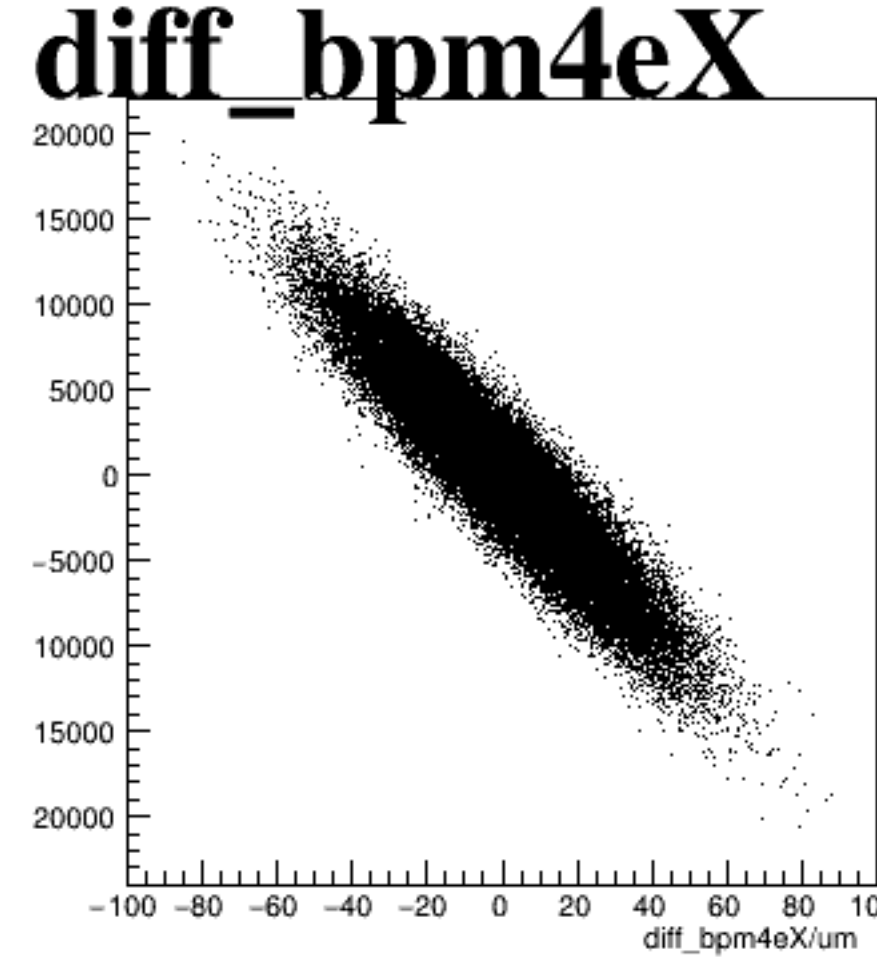
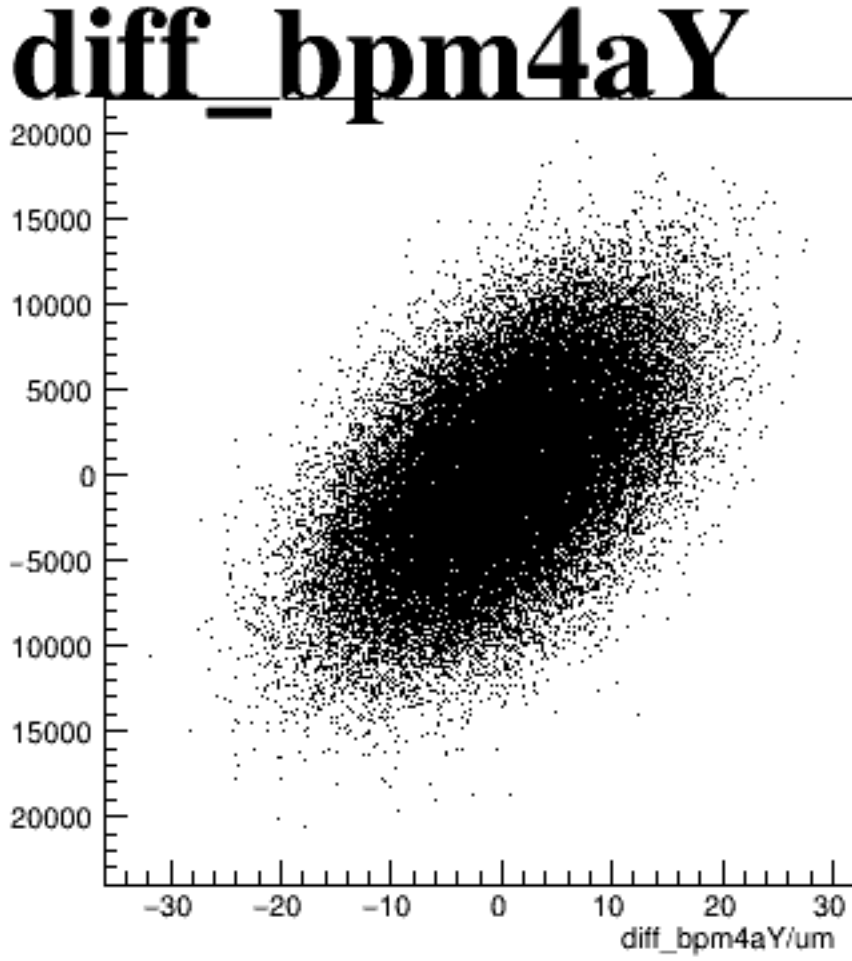
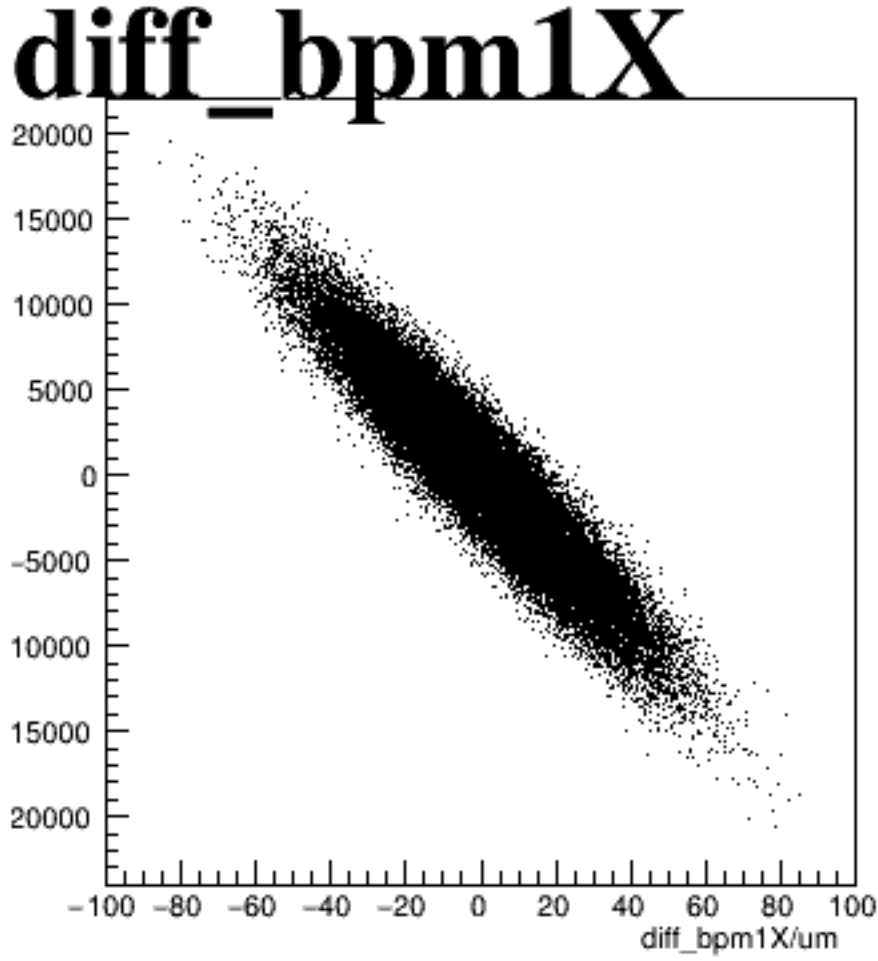
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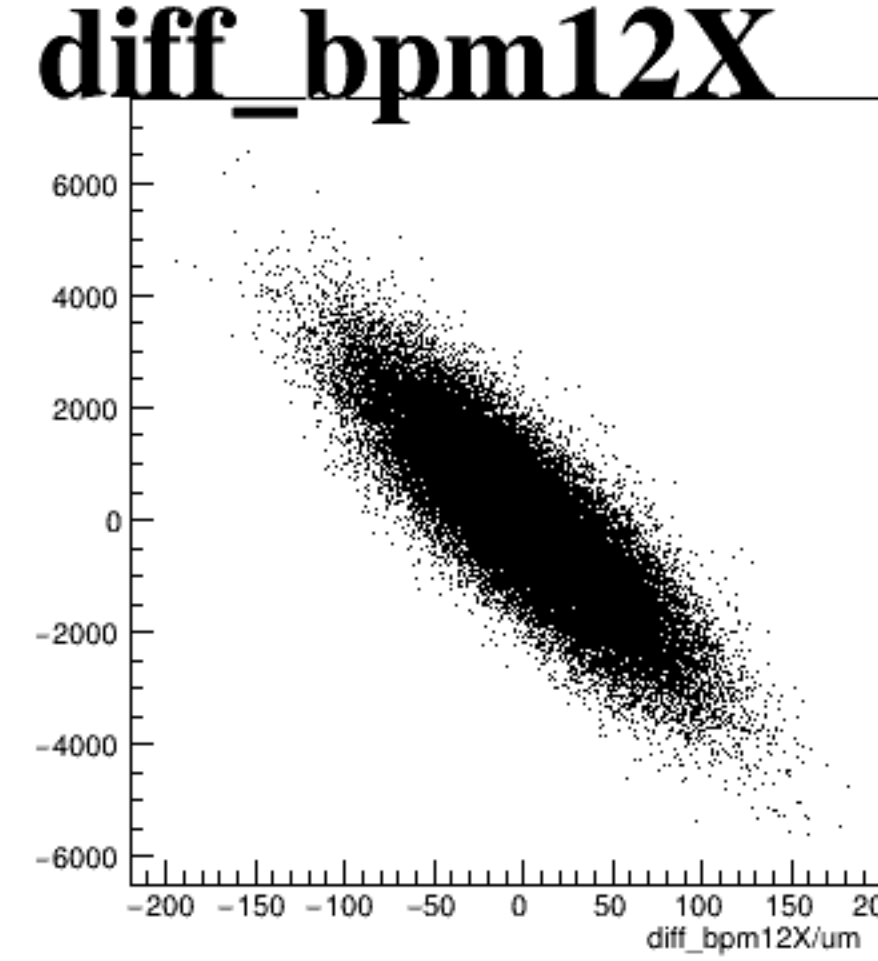
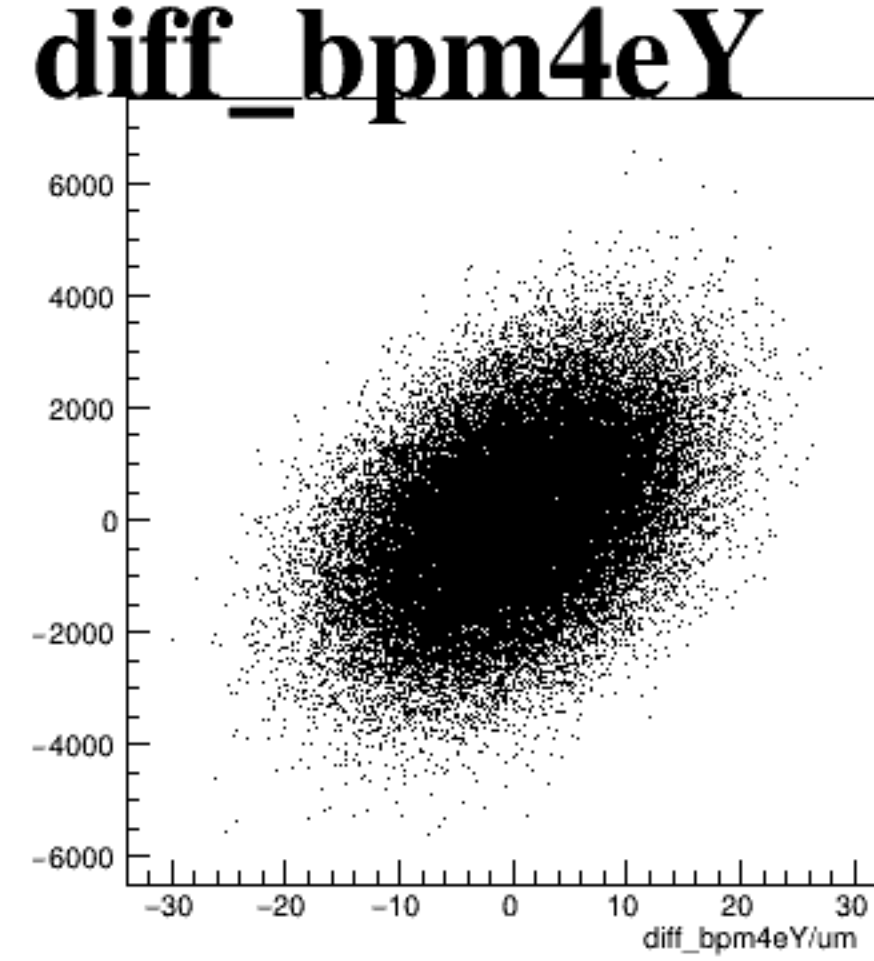
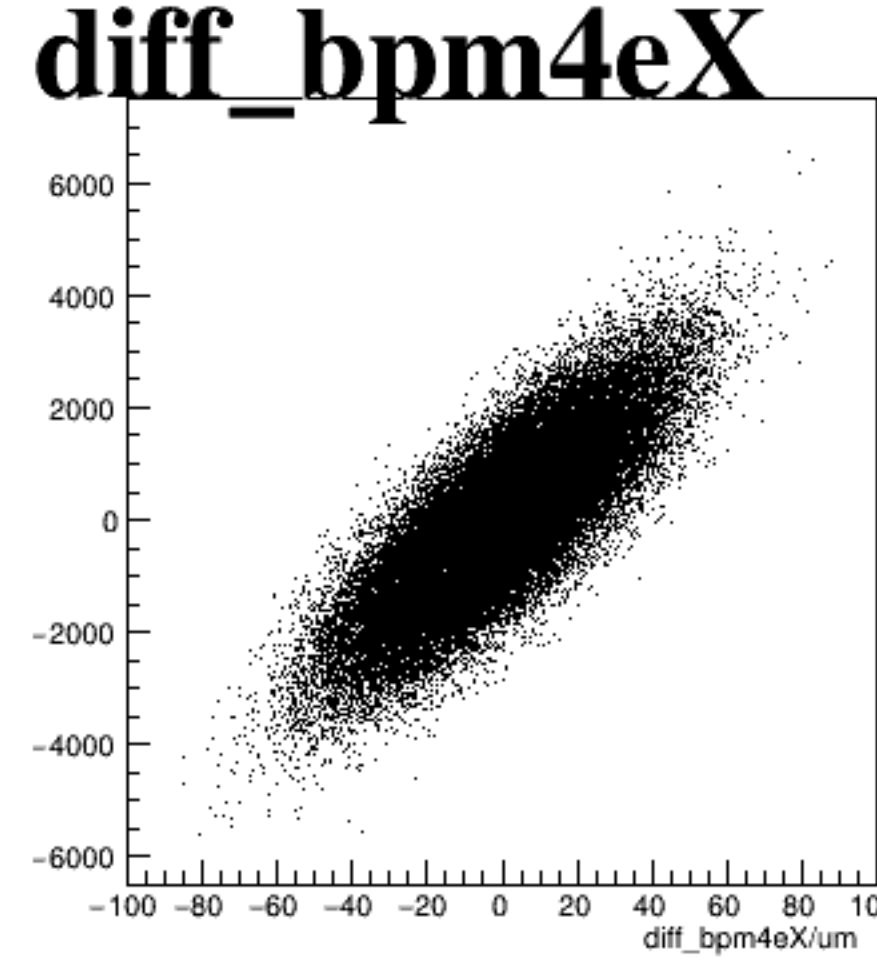
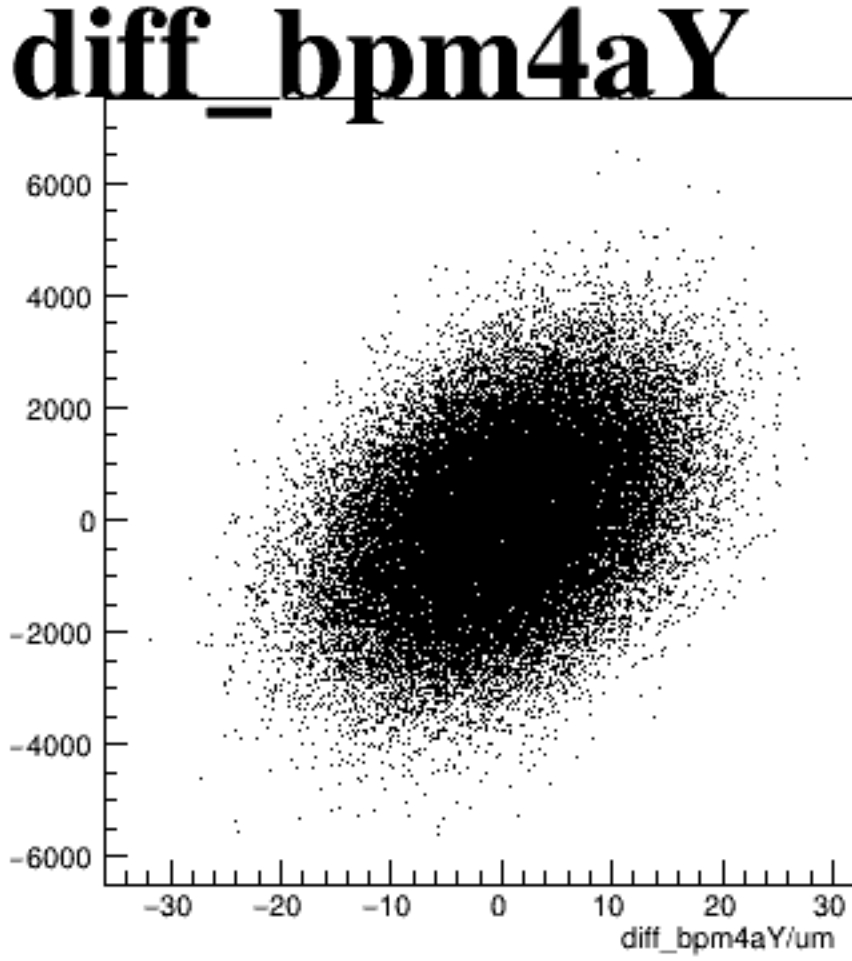
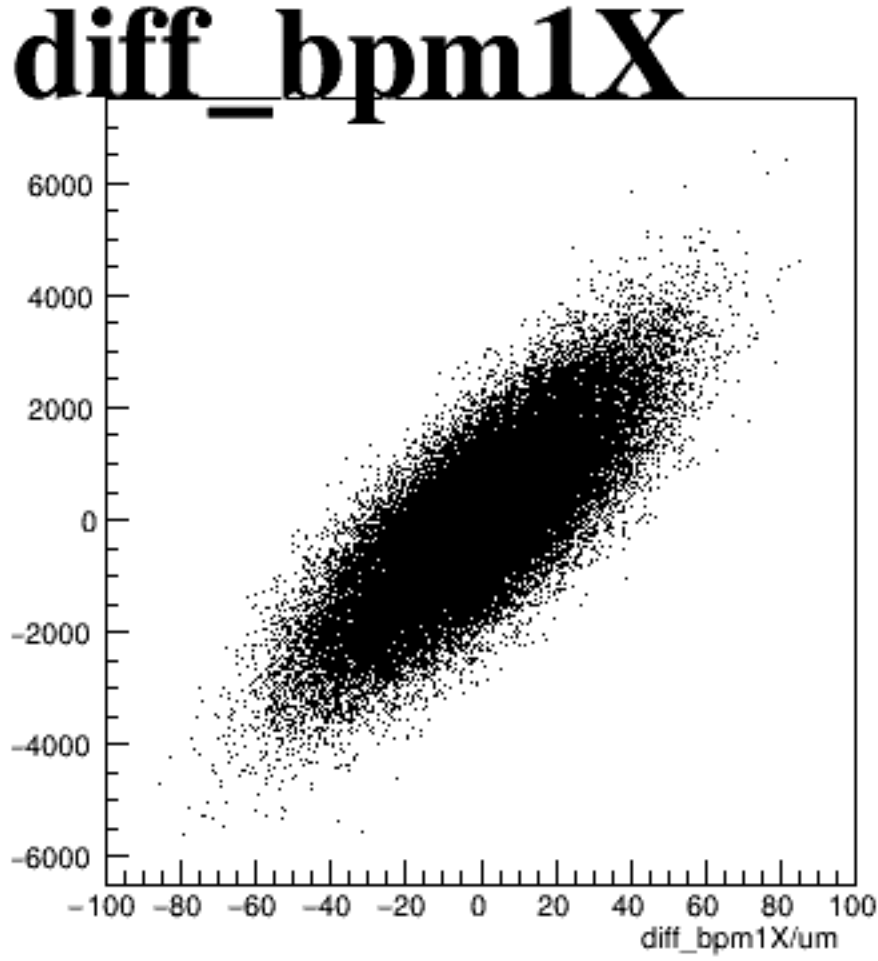
asym_sam2



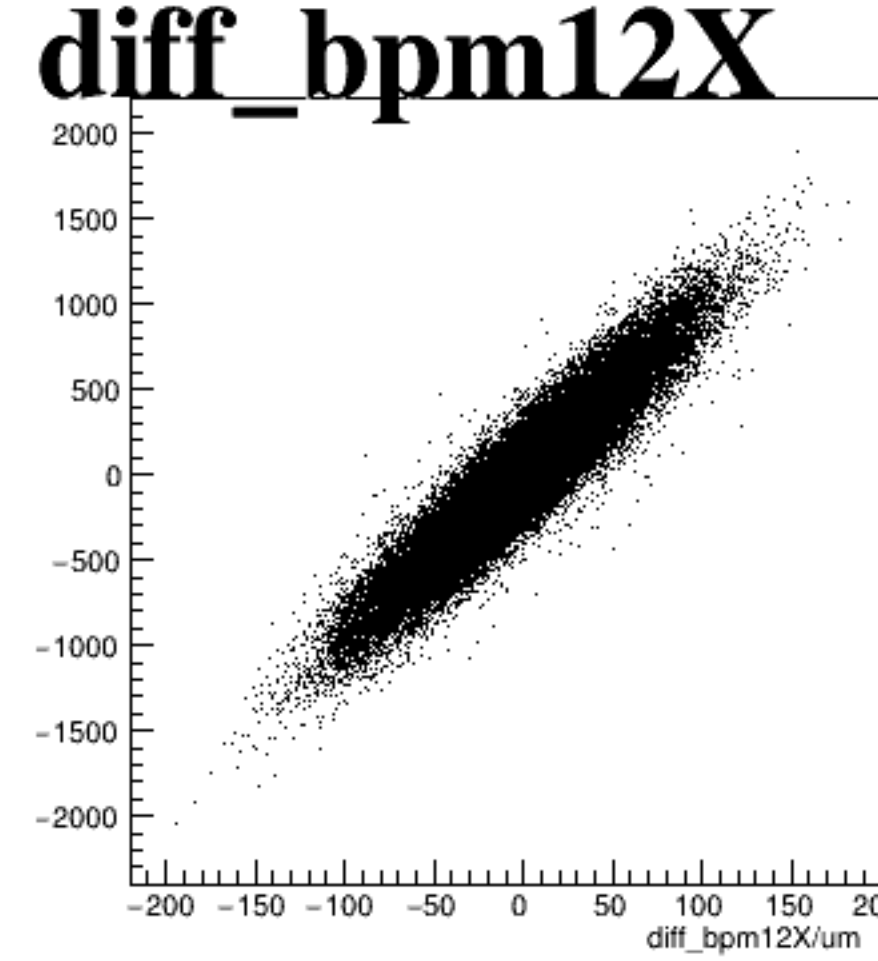
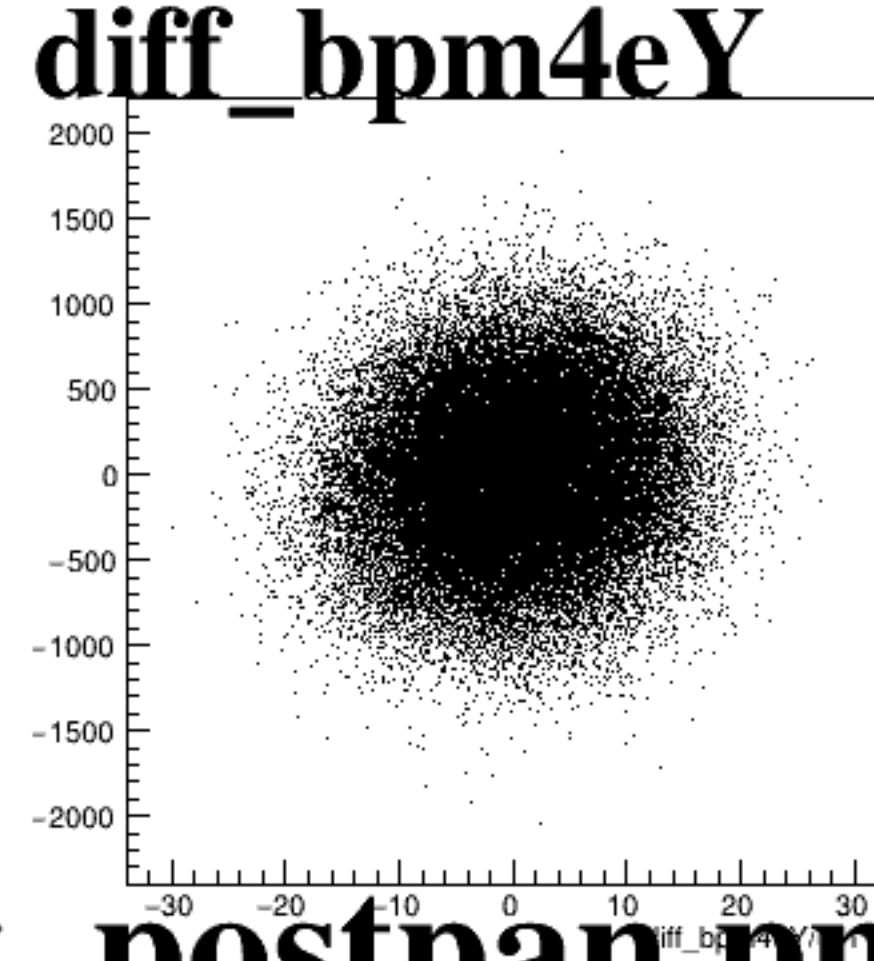
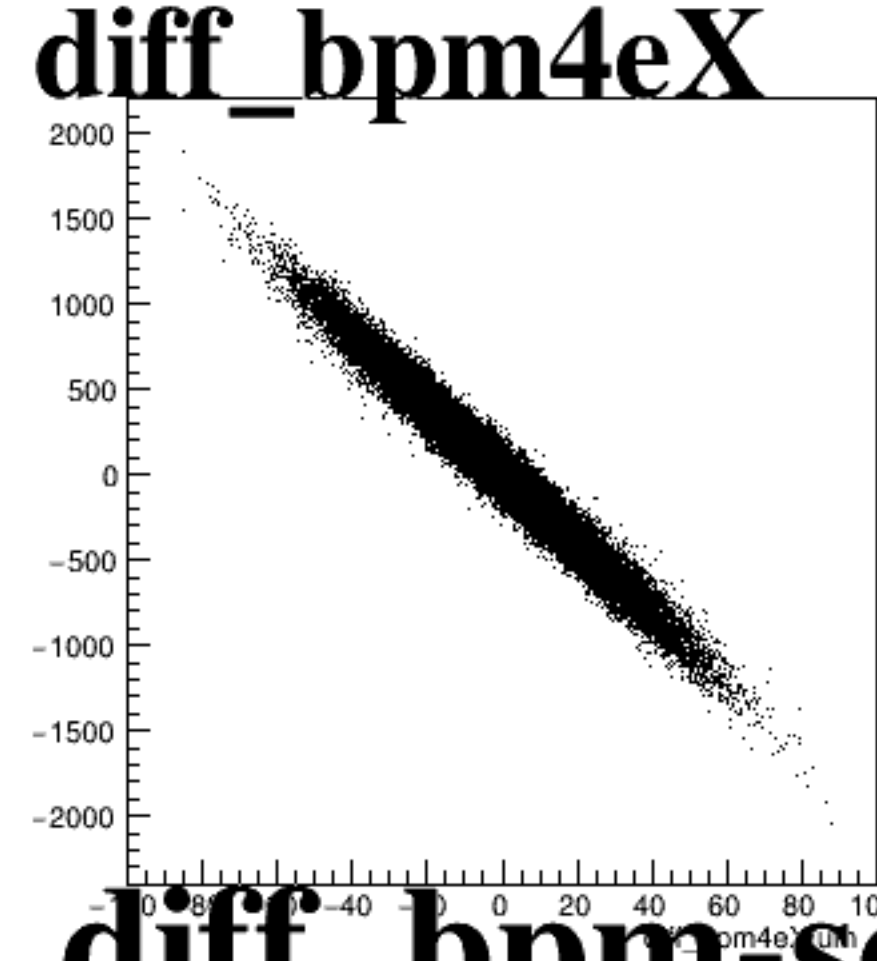
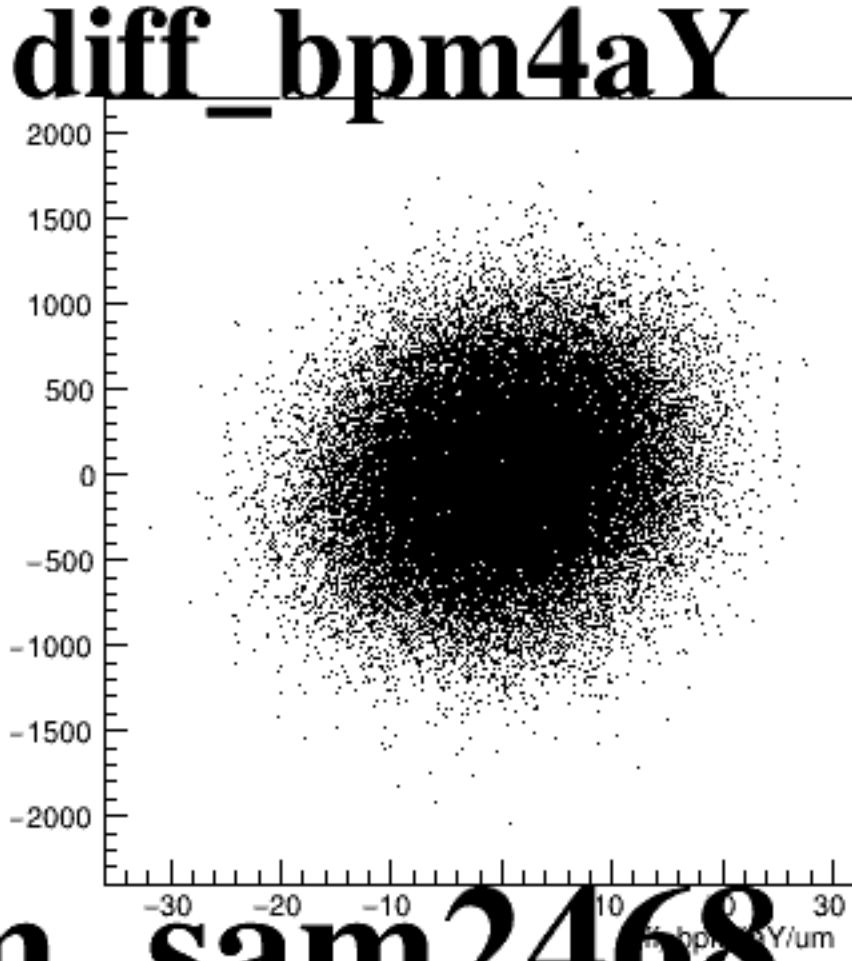
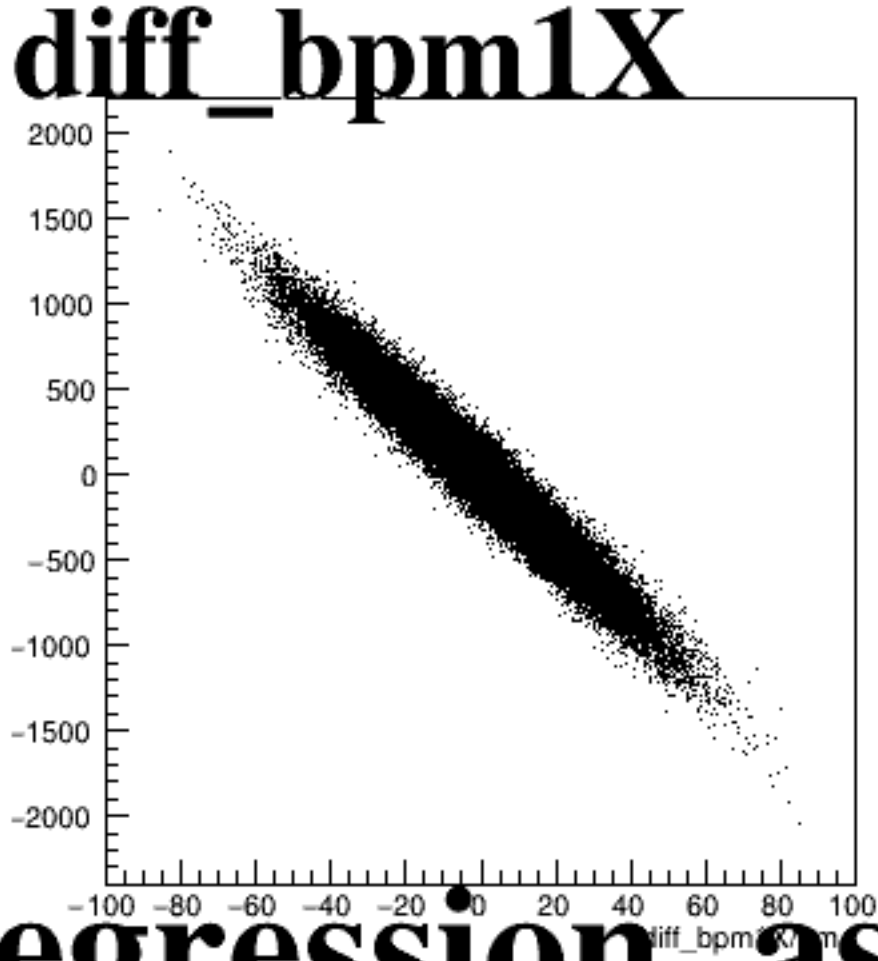
asym_sam4



asym_sam6



asym_sam8



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

- diff_bpm1X**: The x-axis is labeled $\text{diff_bpm1X}/\mu\text{m}$ and ranges from -100 to 100. The y-axis is labeled $\text{diff_bpm1X}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm4aY**: The x-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -30 to 30. The y-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm4eX**: The x-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -100 to 100. The y-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm4eY**: The x-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -30 to 30. The y-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -2000 to 2000.
- diff_bpm12X**: The x-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -200 to 200. The y-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -2000 to 2000.

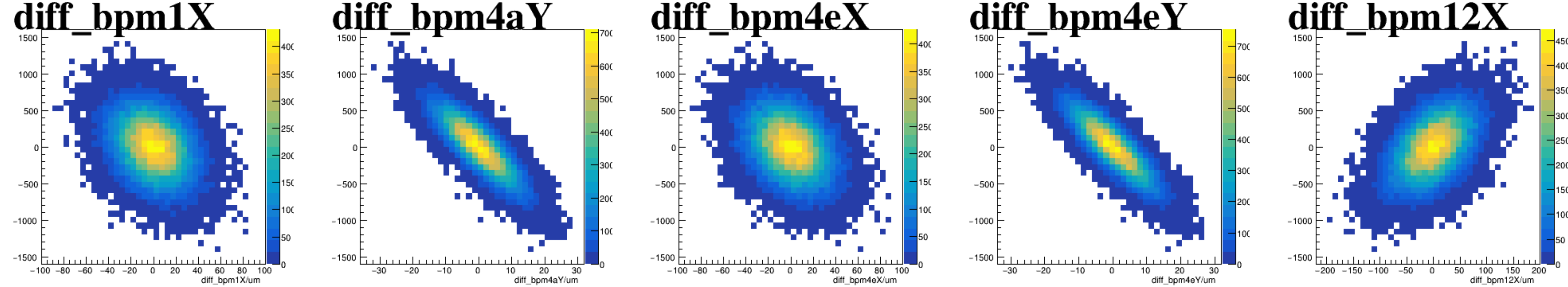
Each plot shows a dense cloud of points centered around the origin, representing the distribution of BPM coordinate differences for the specified beam size.

The figure displays five scatter plots, each representing the difference between a specific BPM and BPM12. The plots are arranged in a single row. Each plot has a y-axis ranging from -400 to 400 micrometers and an x-axis ranging from -100 to 100 micrometers. The data points are densely clustered around the origin (0,0), indicating that the differences are generally small and centered around zero. The plots are labeled as follows:

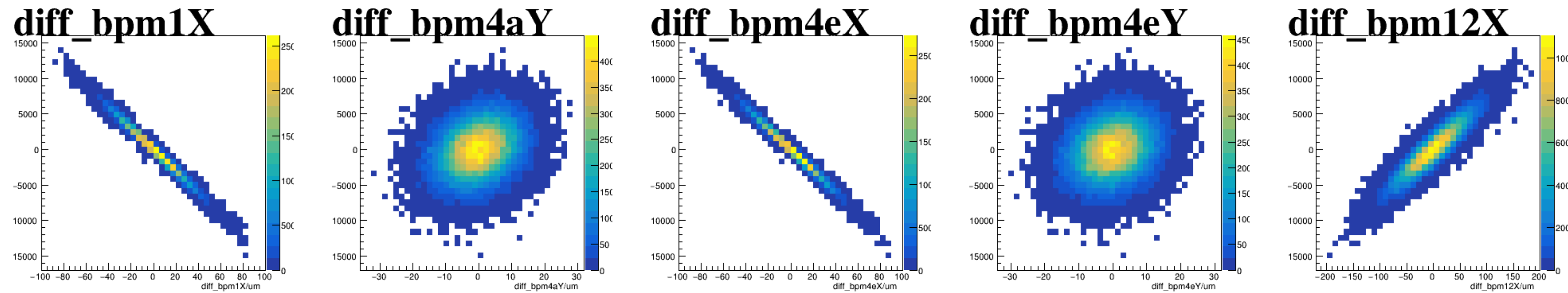
- diff_bpm1X**: Difference between BPM1 and BPM12.
- diff_bpm4aY**: Difference between BPM4a and BPM12.
- diff_bpm4eX**: Difference between BPM4e and BPM12.
- diff_bpm4eY**: Difference between BPM4e and BPM12.
- diff_bpm12X**: Difference between BPM12 and BPM12 (likely a typo for BPM12 vs BPM12).

run8258_000_regression_reg_sam2468_vs_diff_bpm-scat_postpan.png

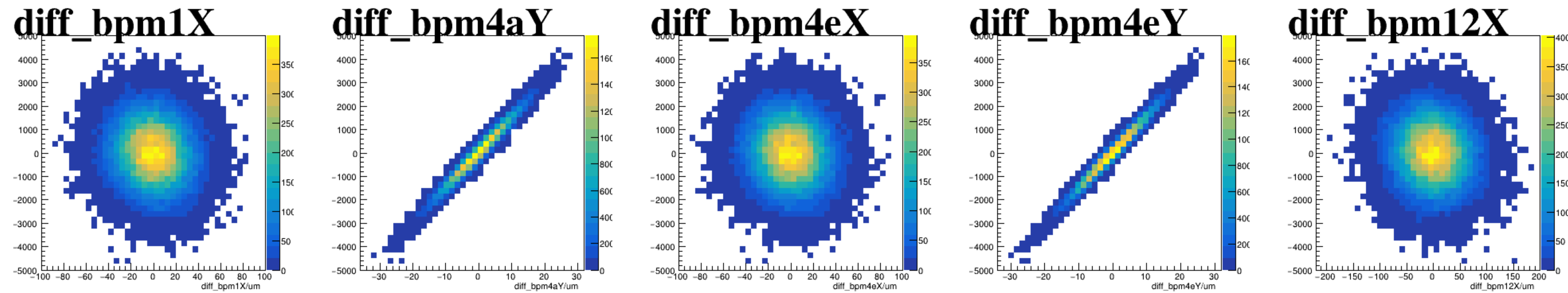
asym_sam1



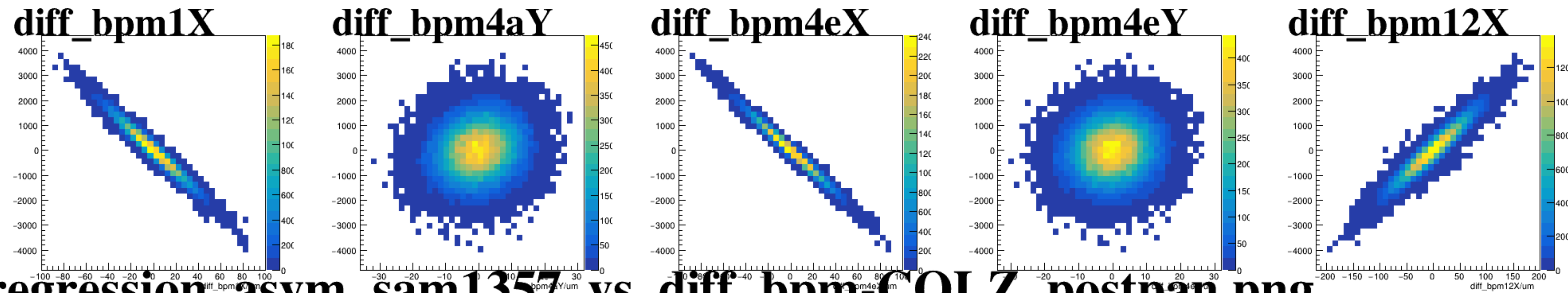
asym_sam3



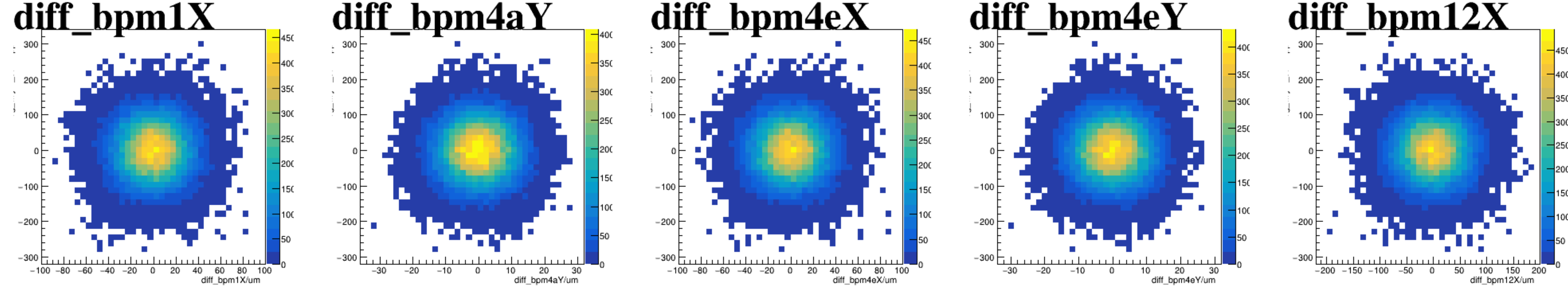
asym_sam5



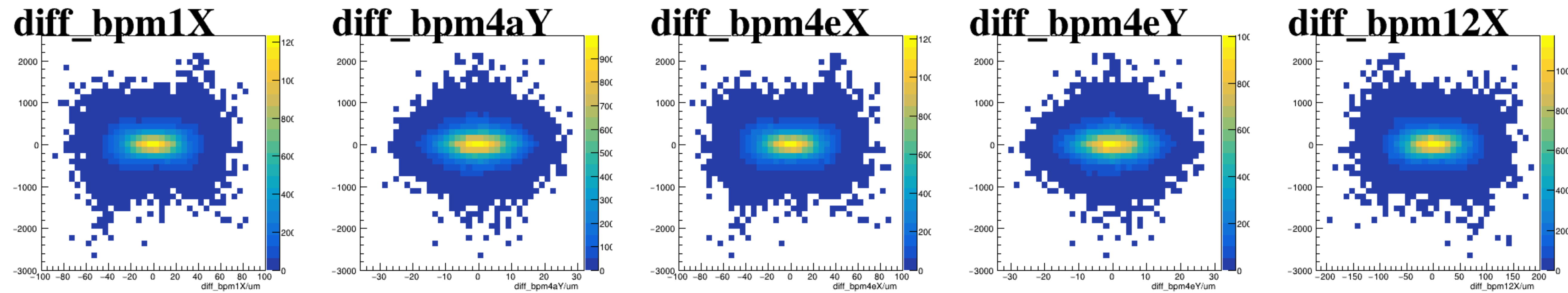
asym_sam7



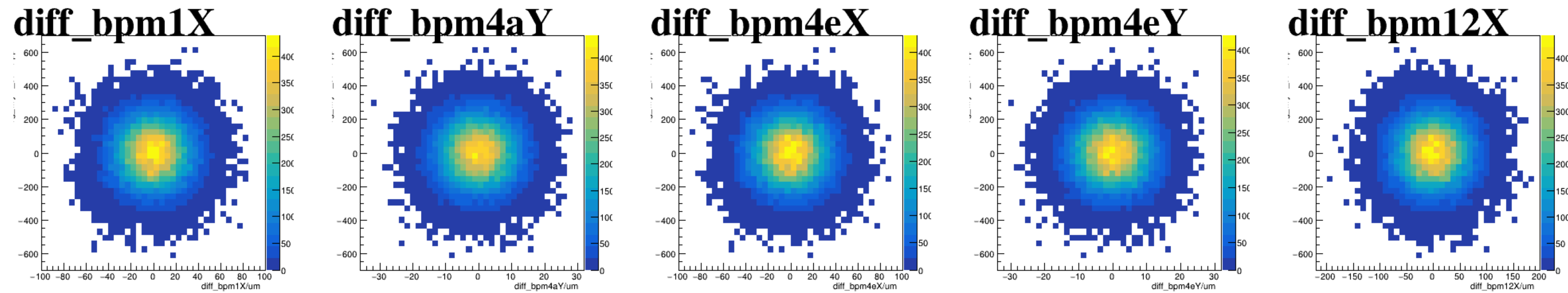
reg_asym_sam1



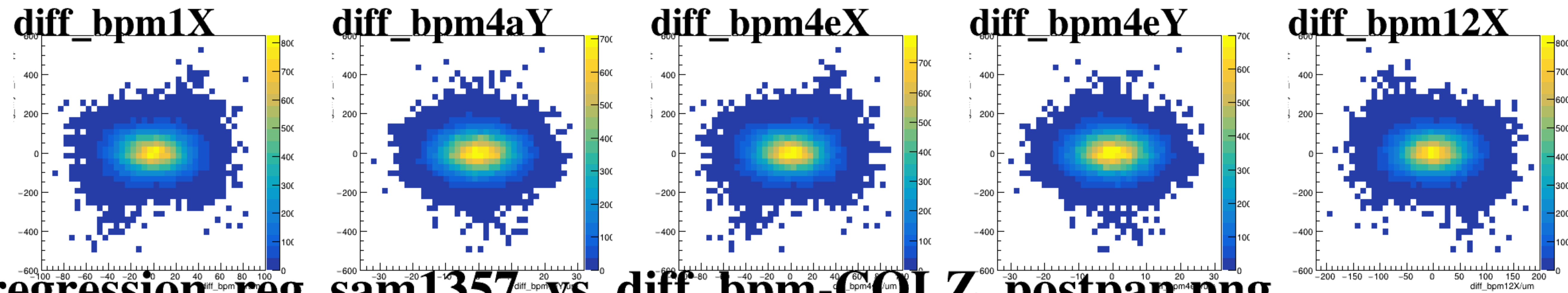
reg_asym_sam3



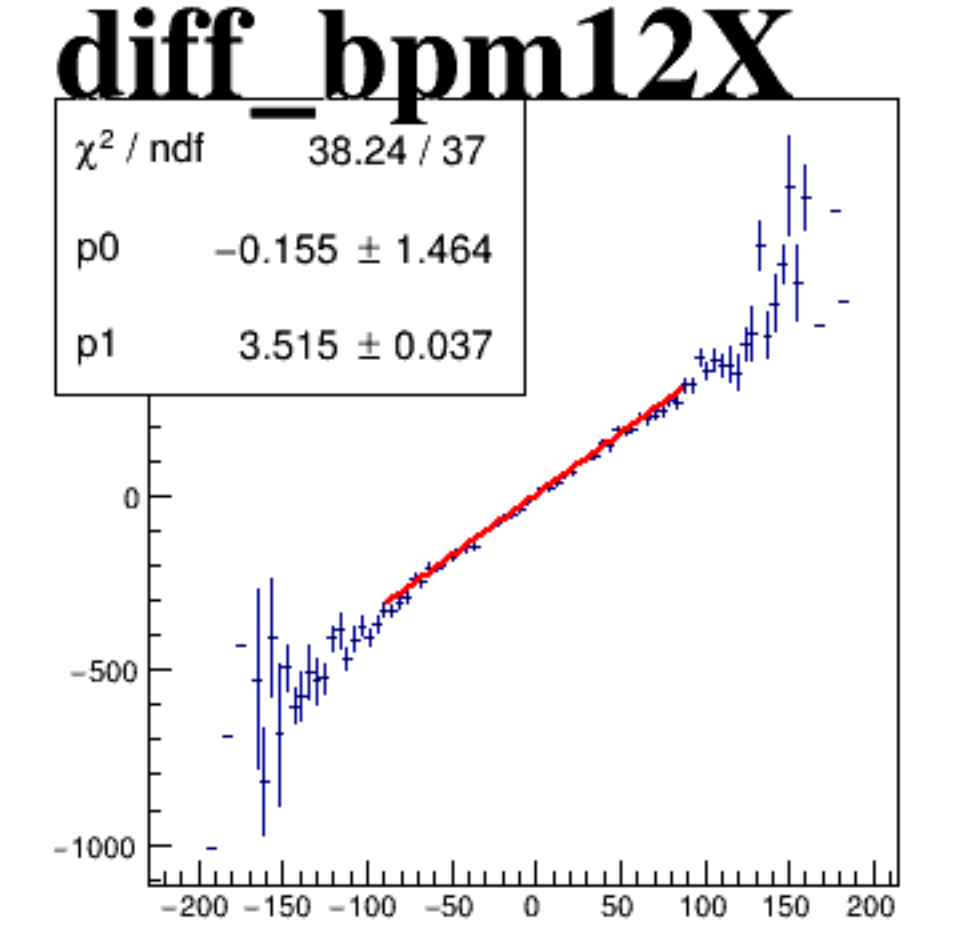
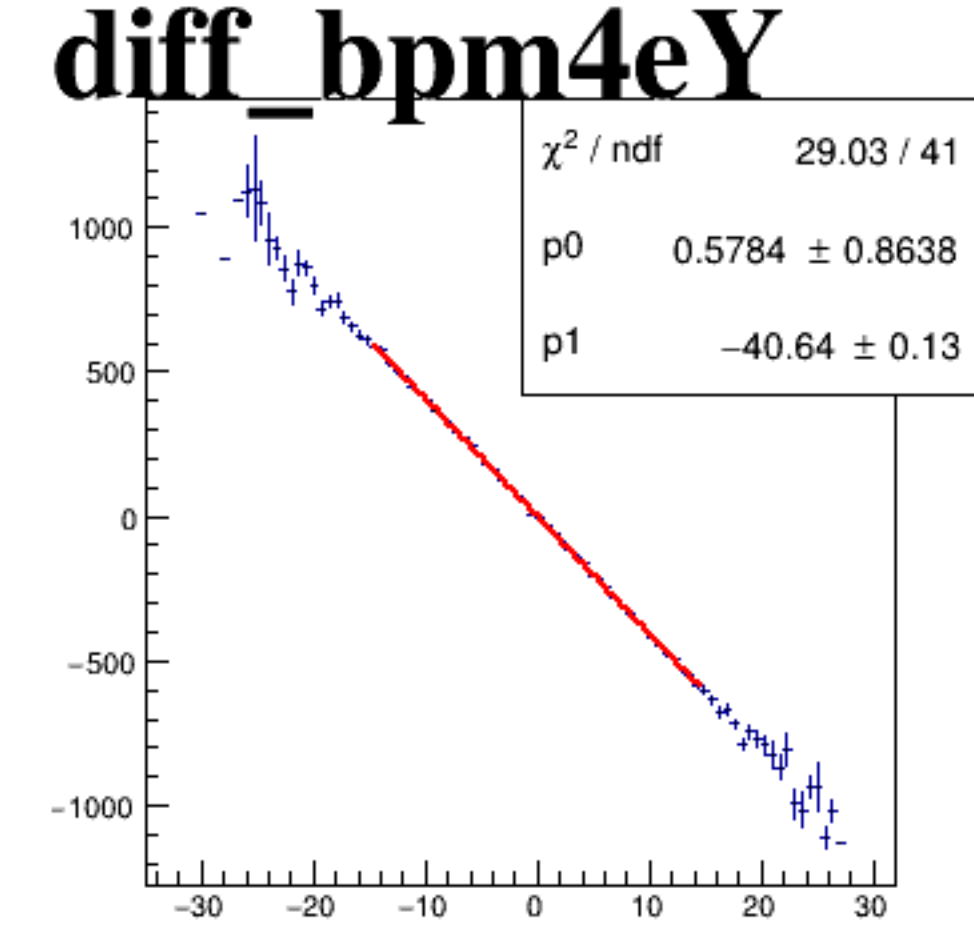
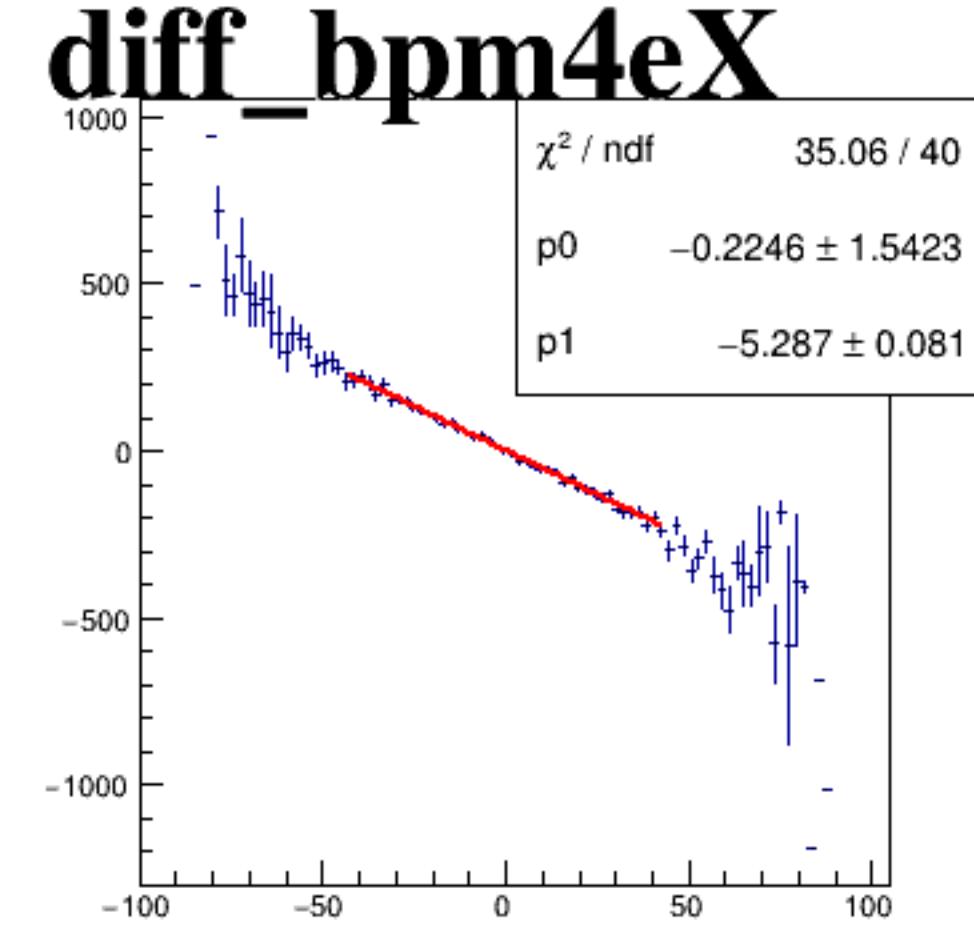
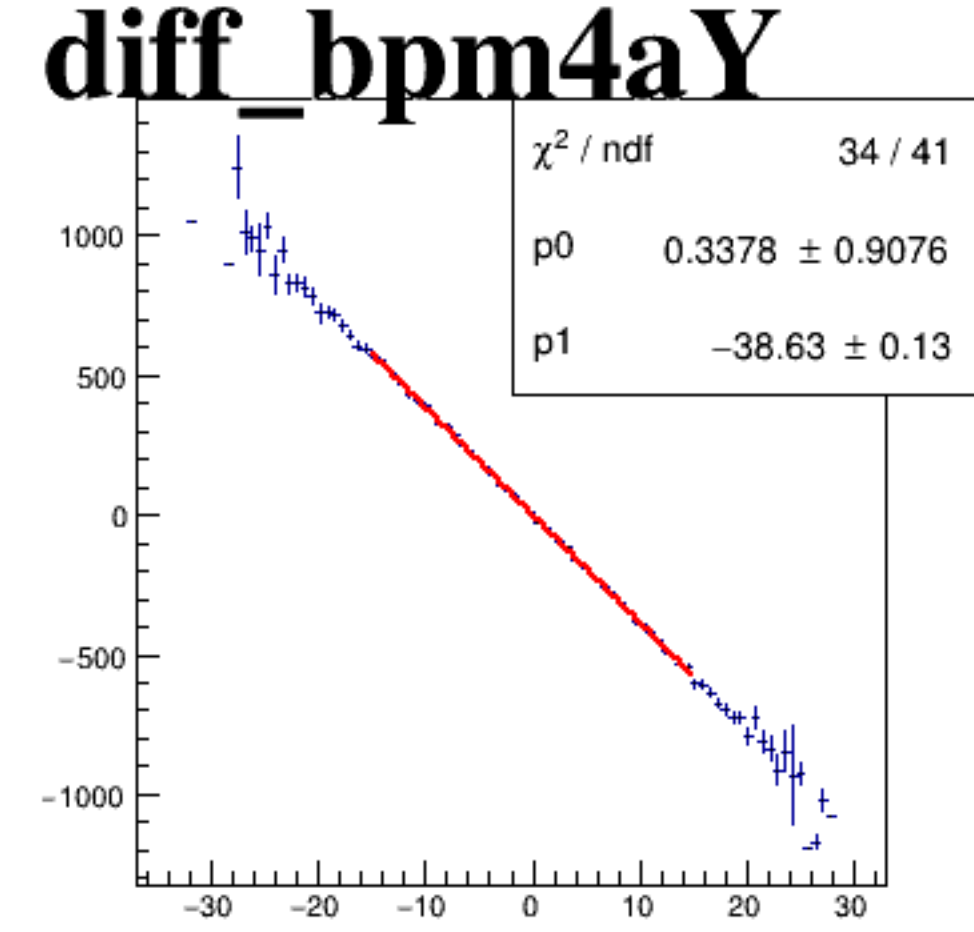
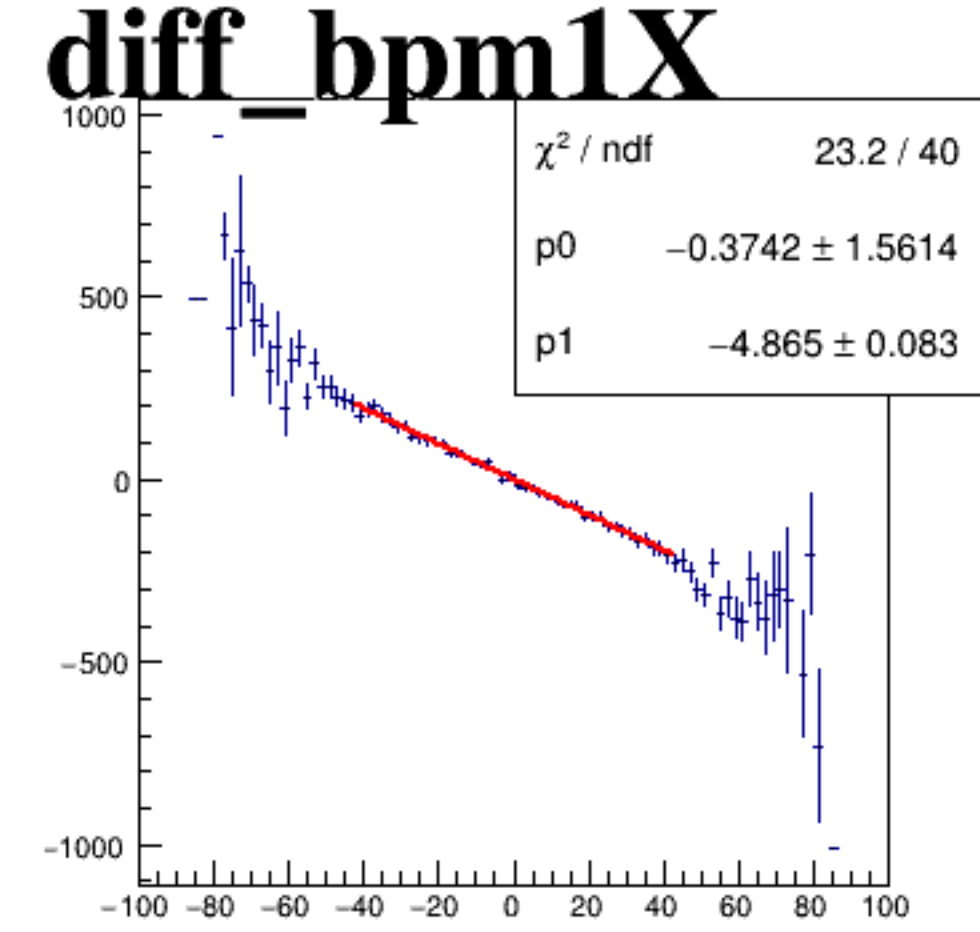
reg_asym_sam5



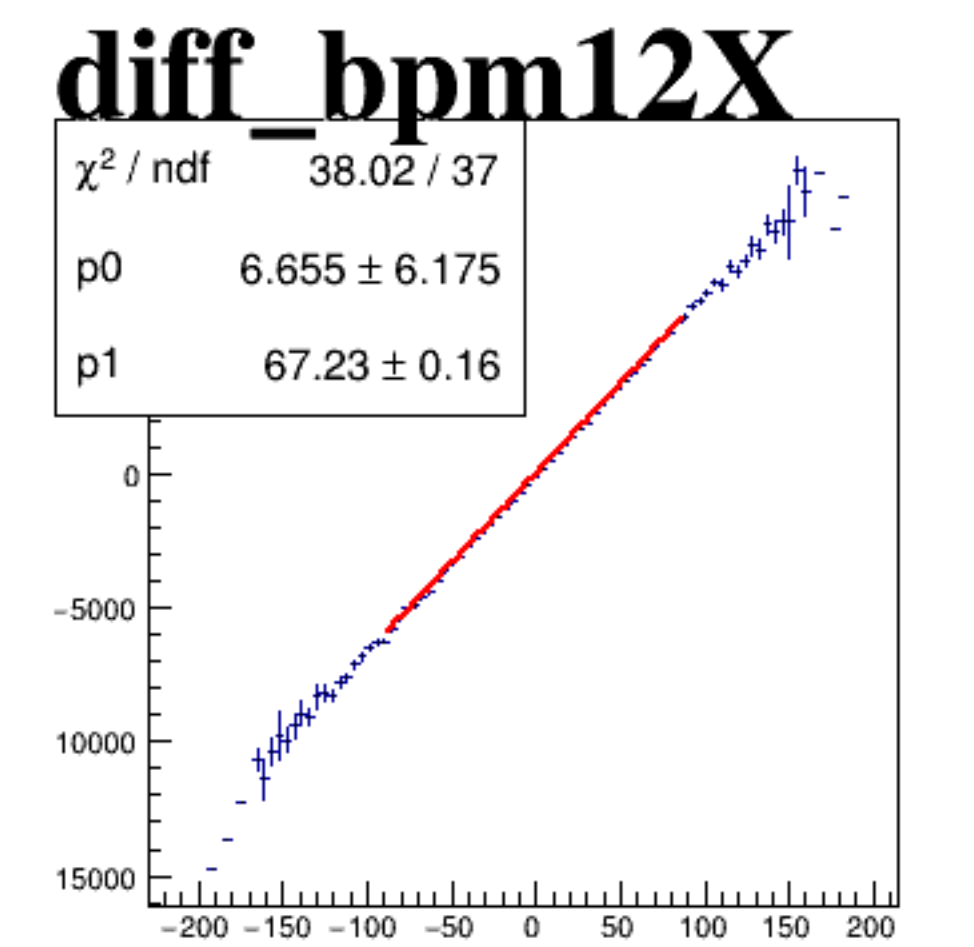
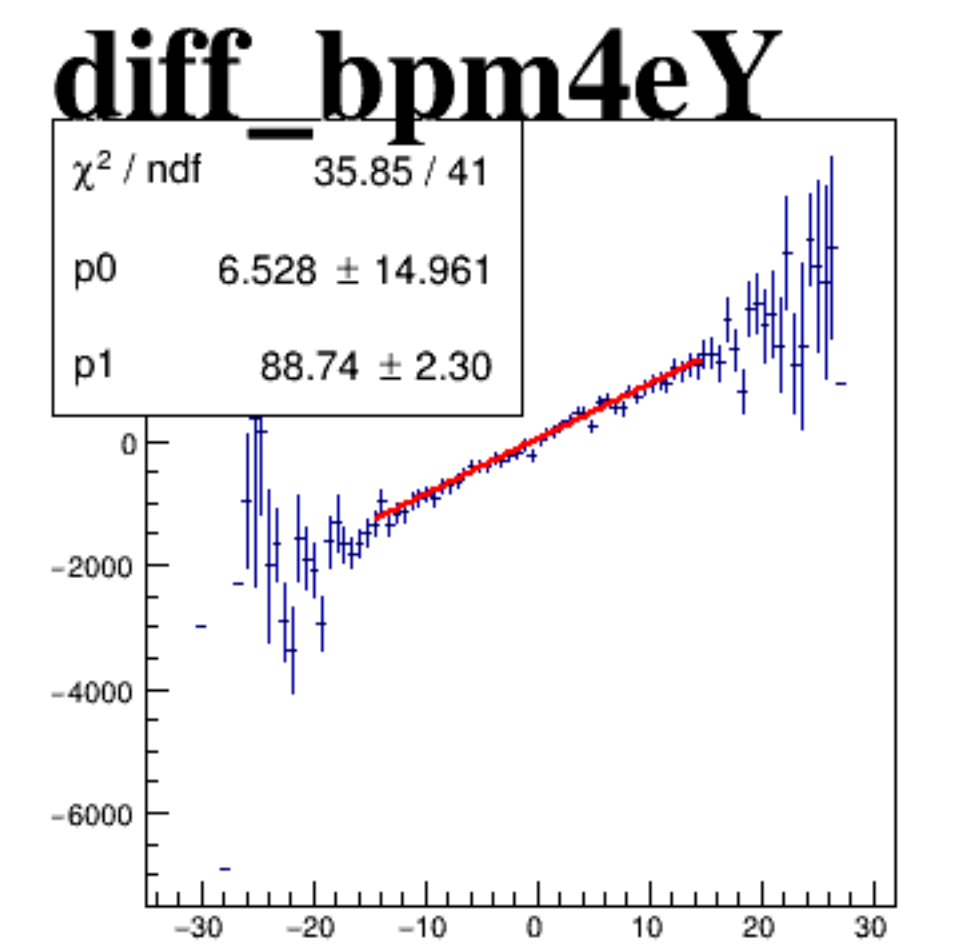
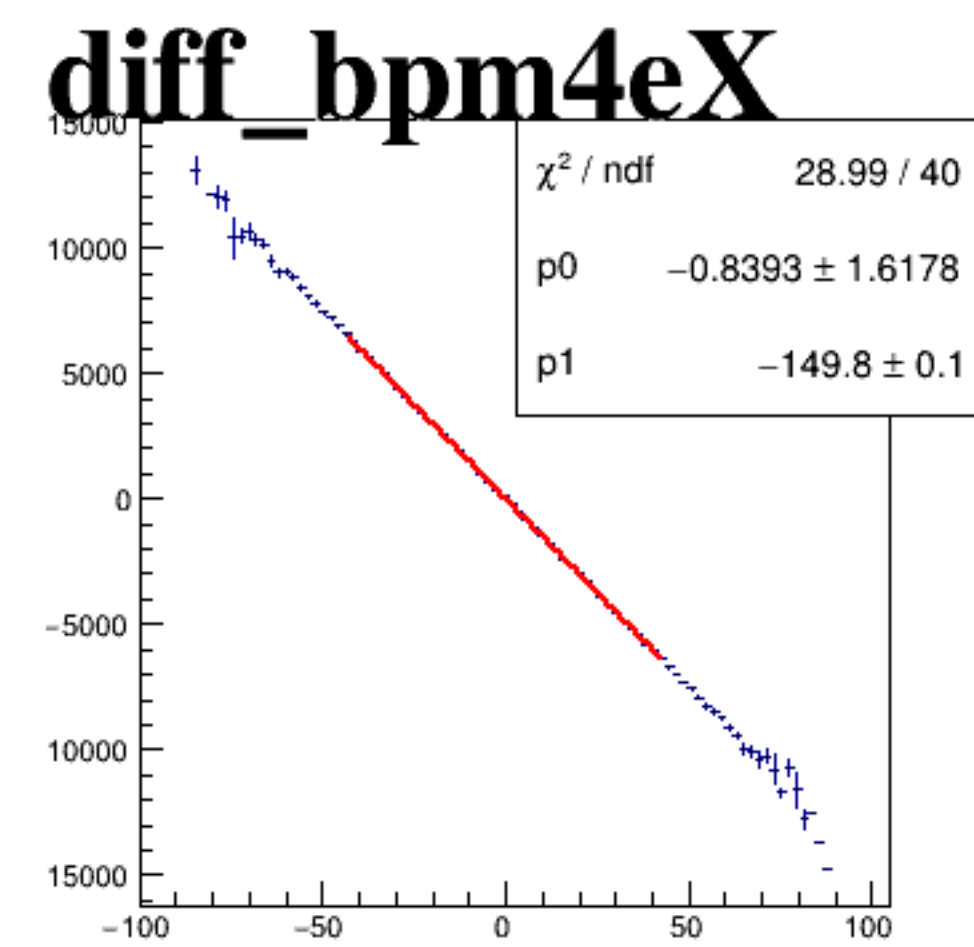
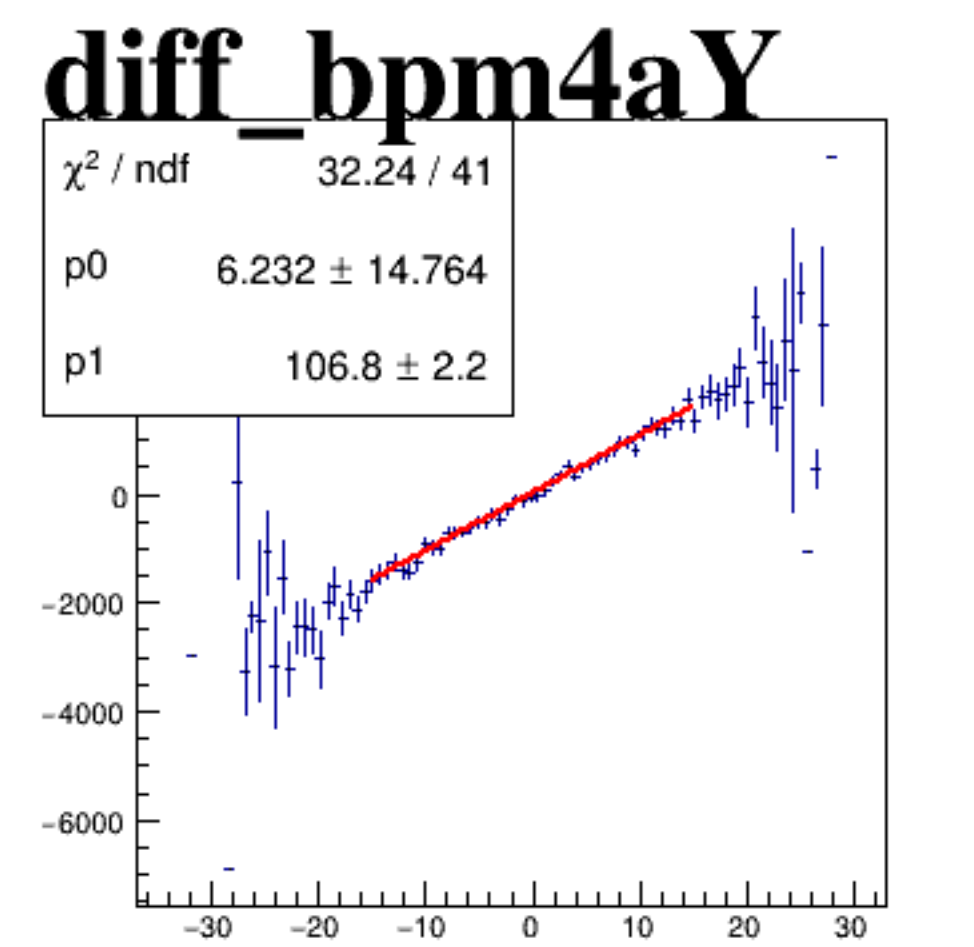
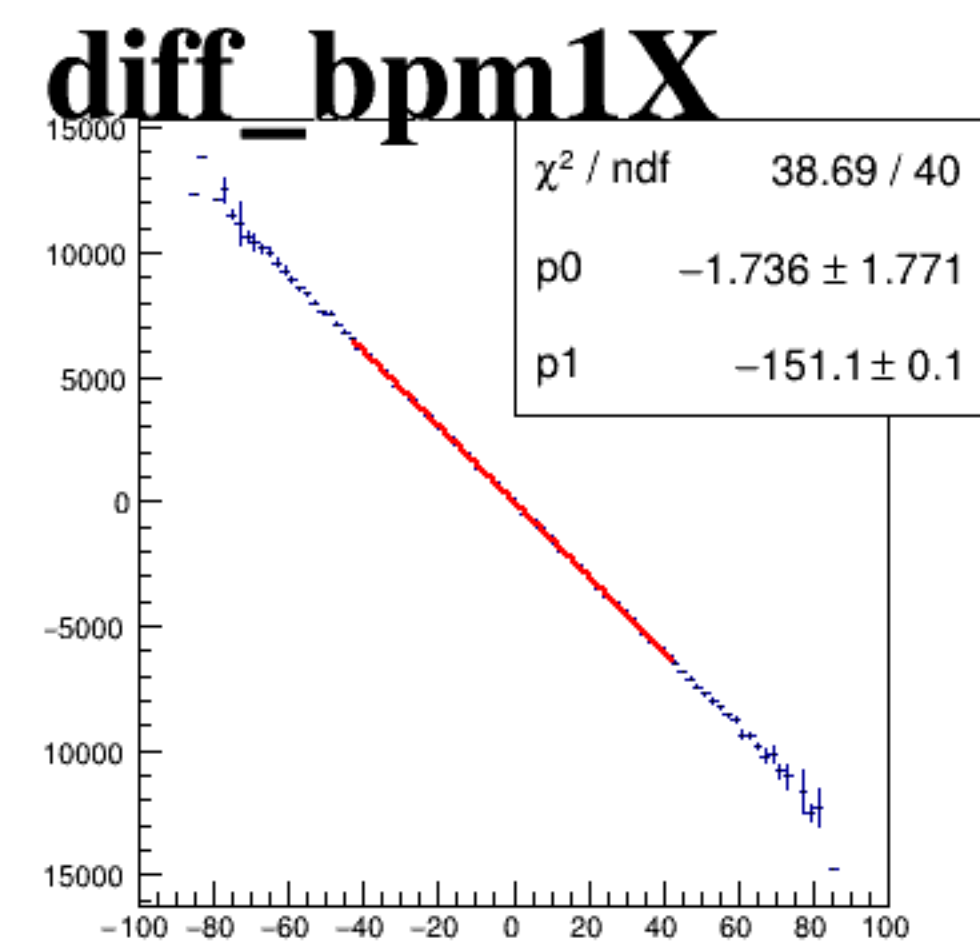
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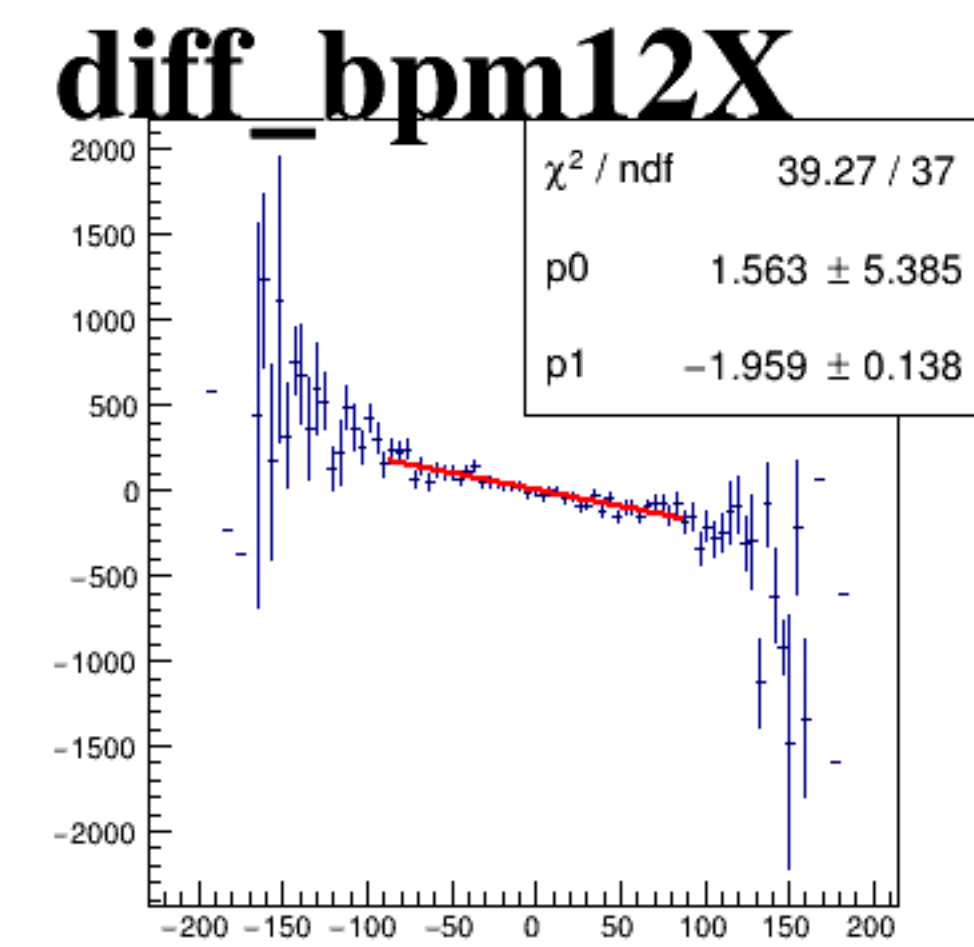
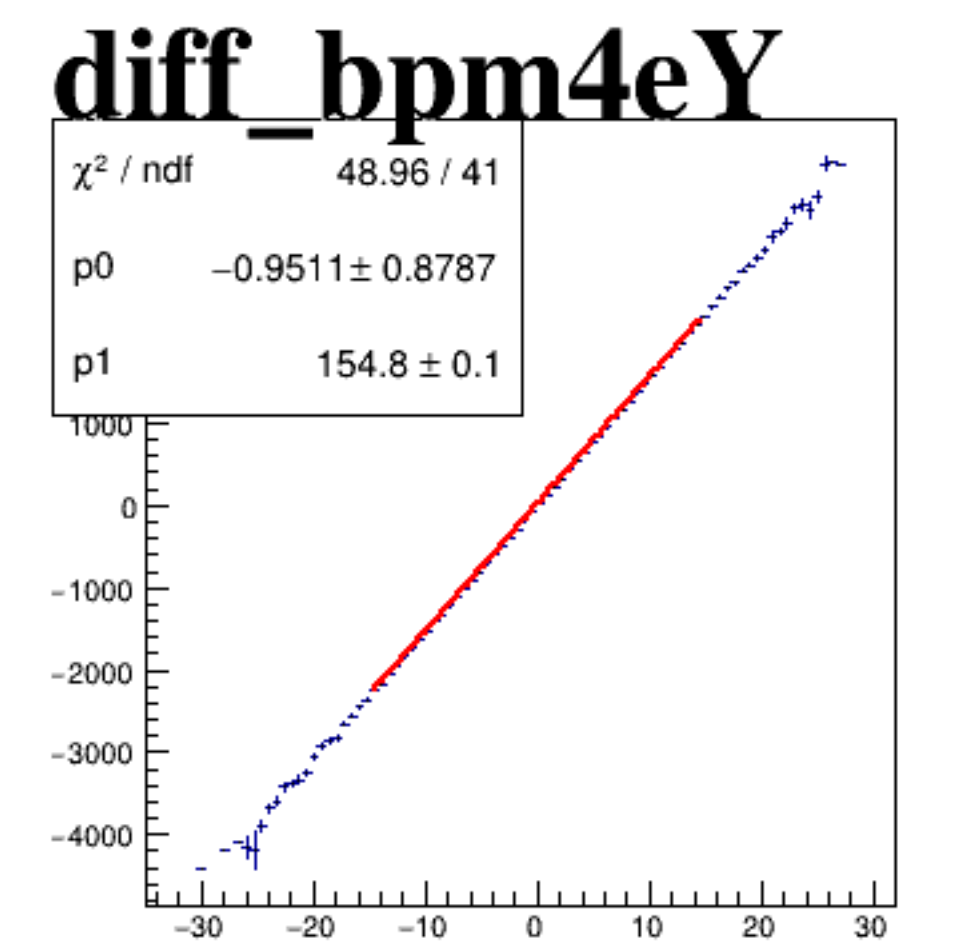
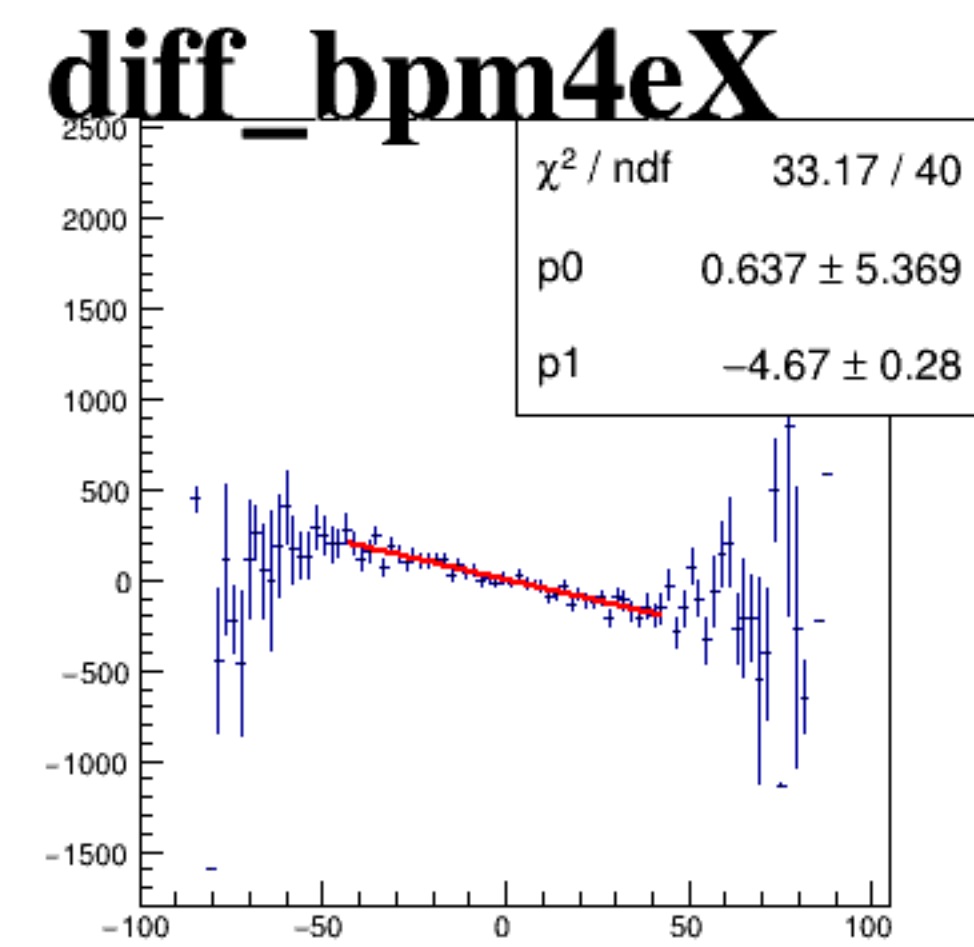
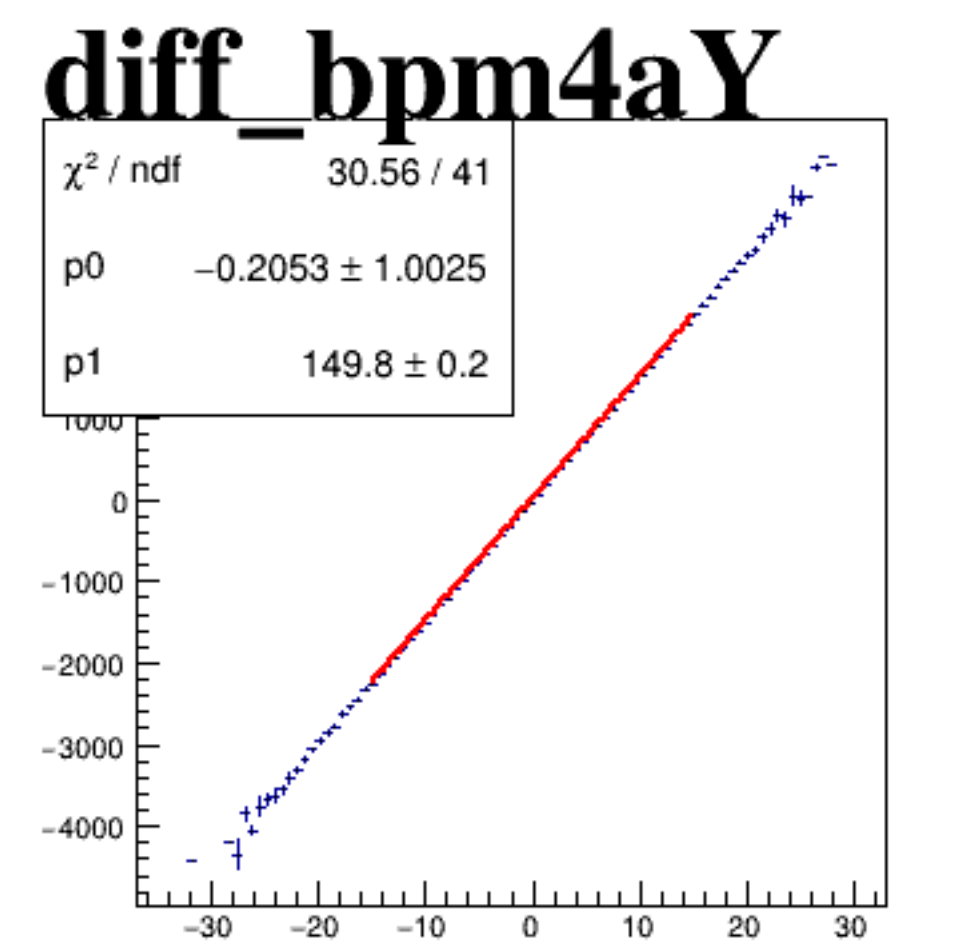
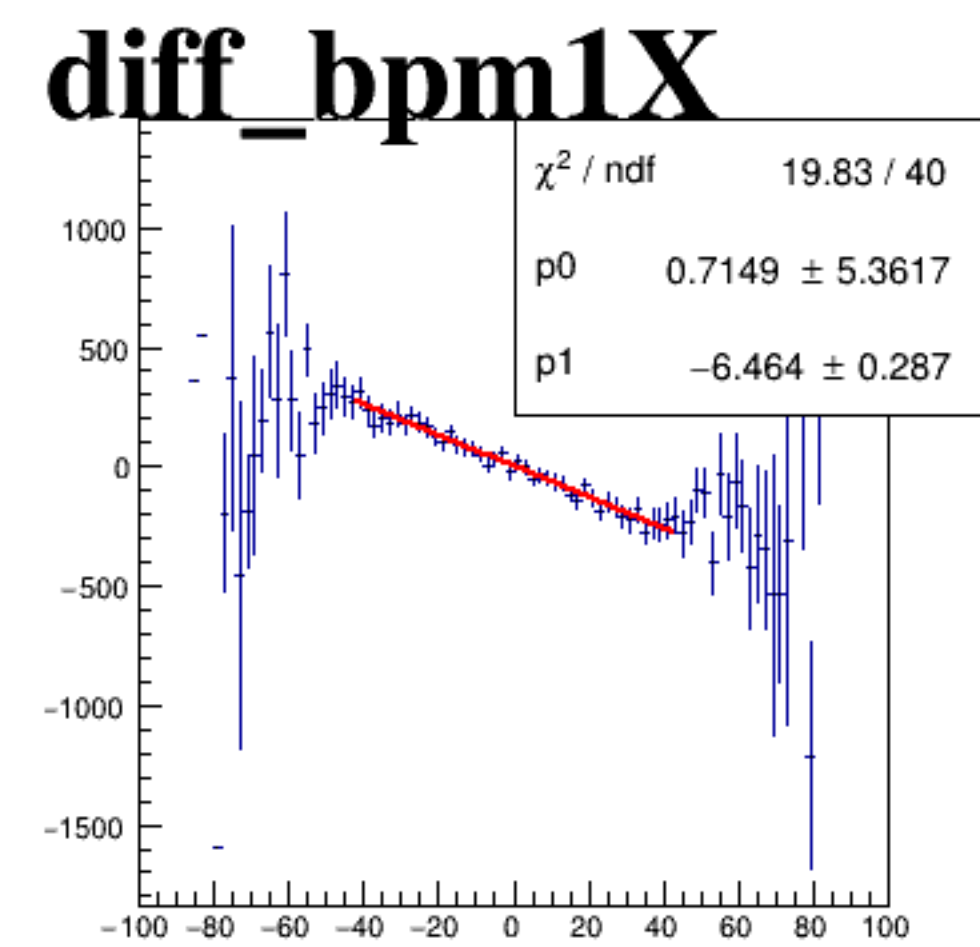
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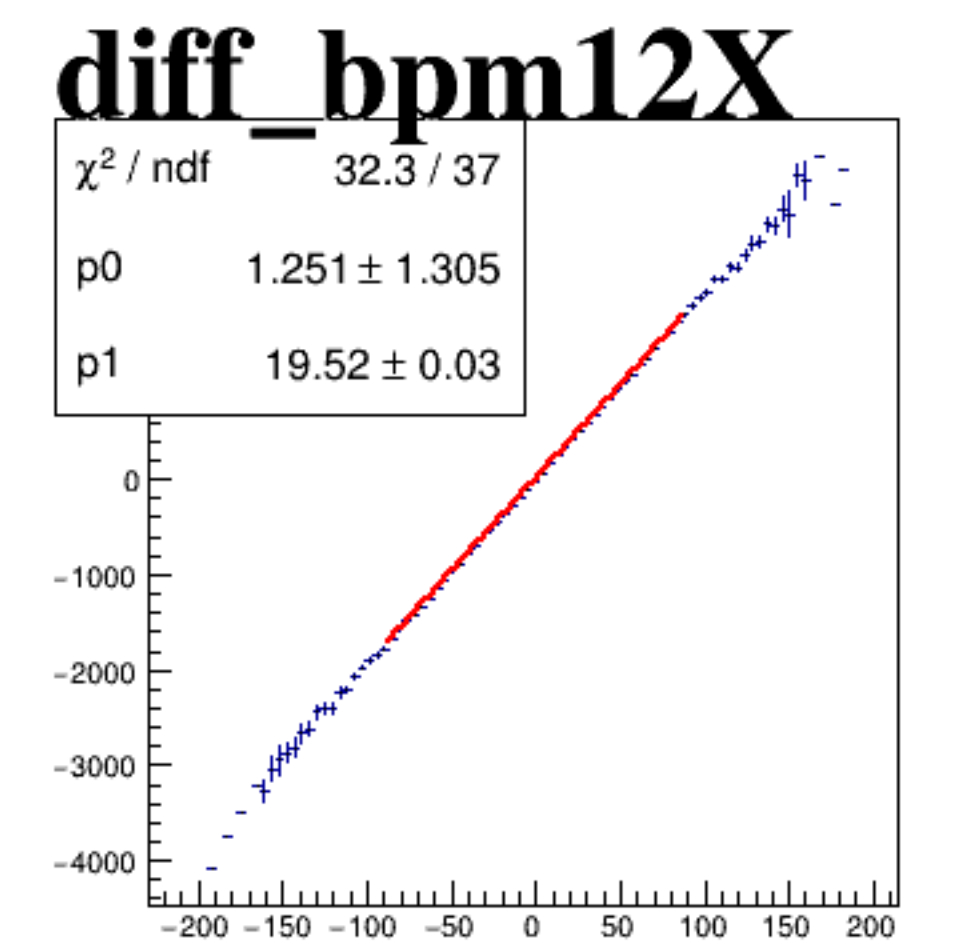
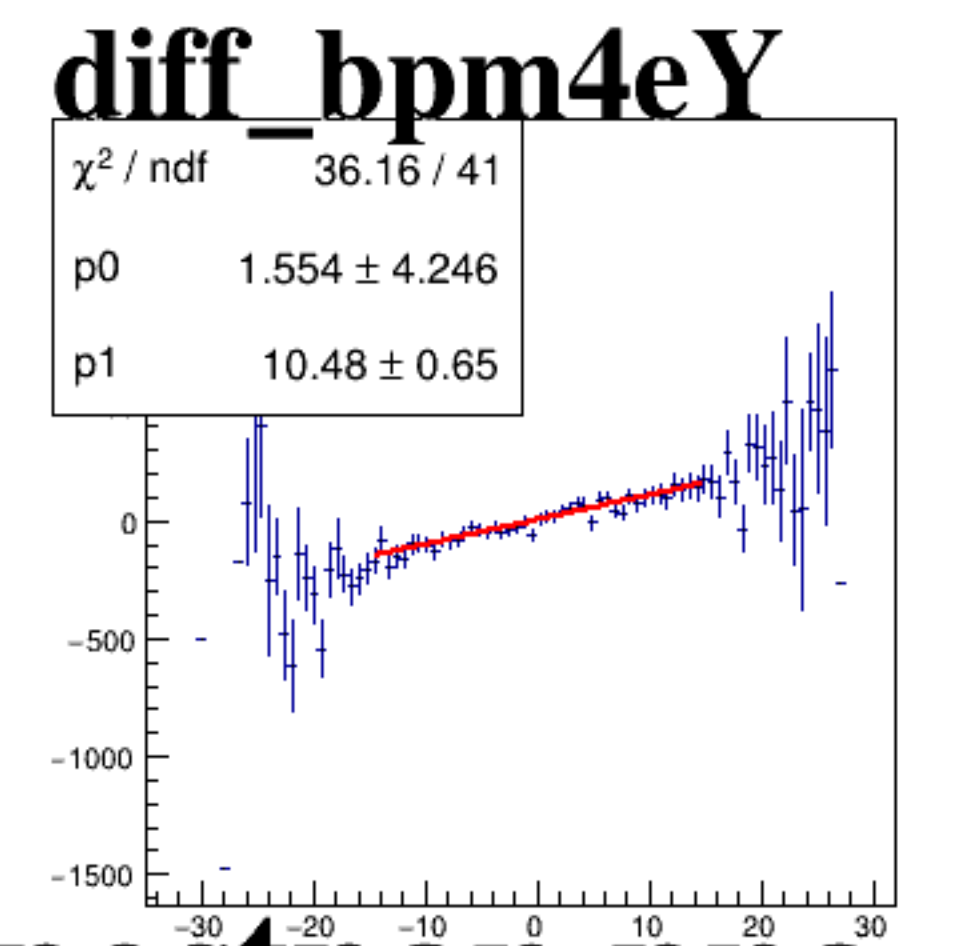
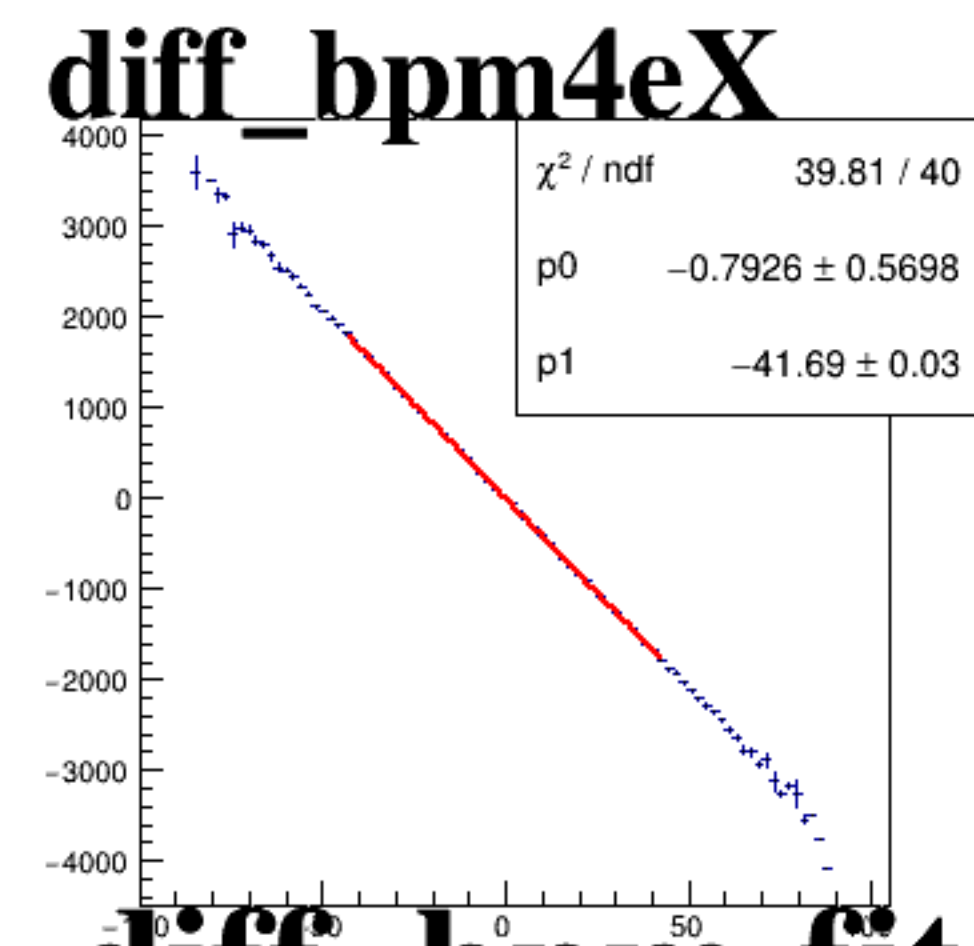
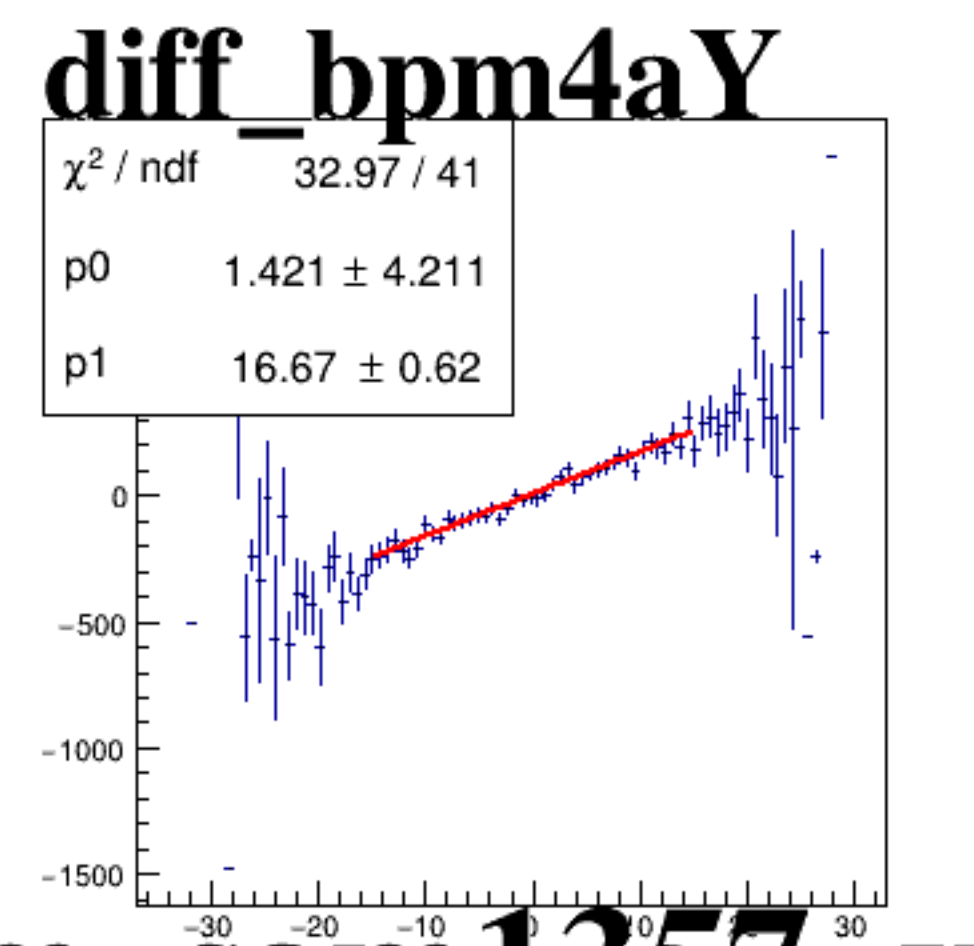
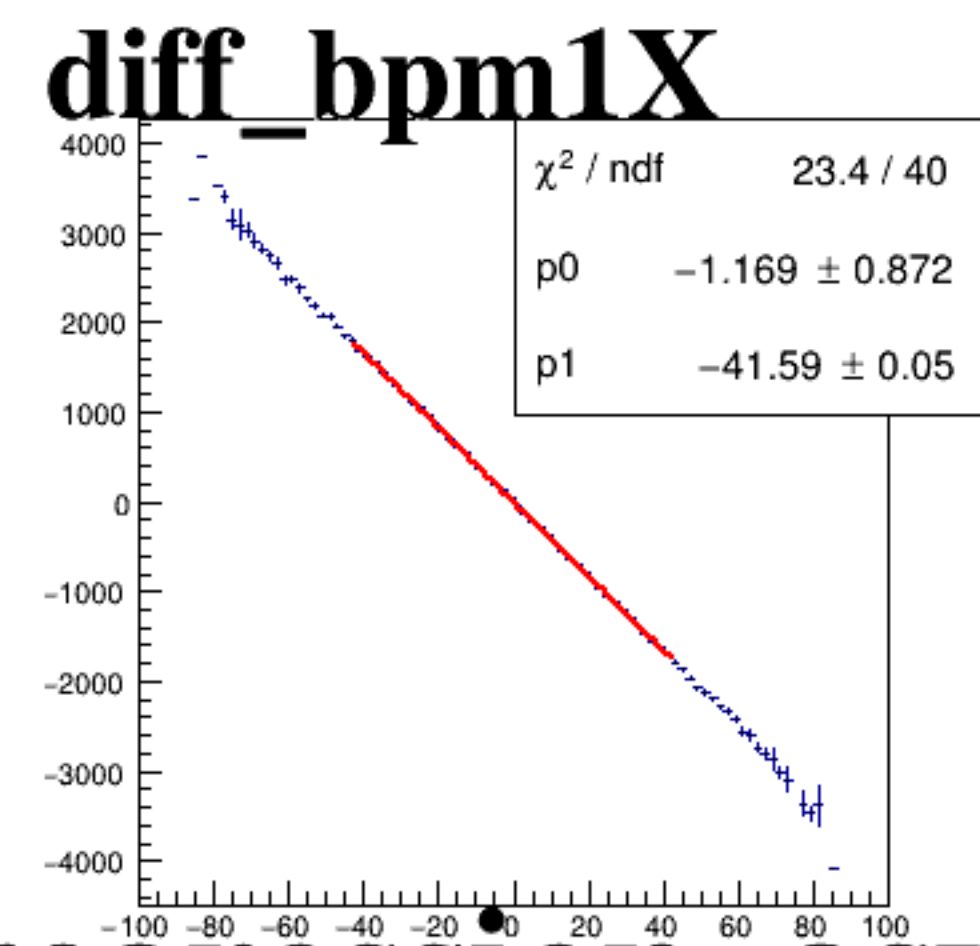
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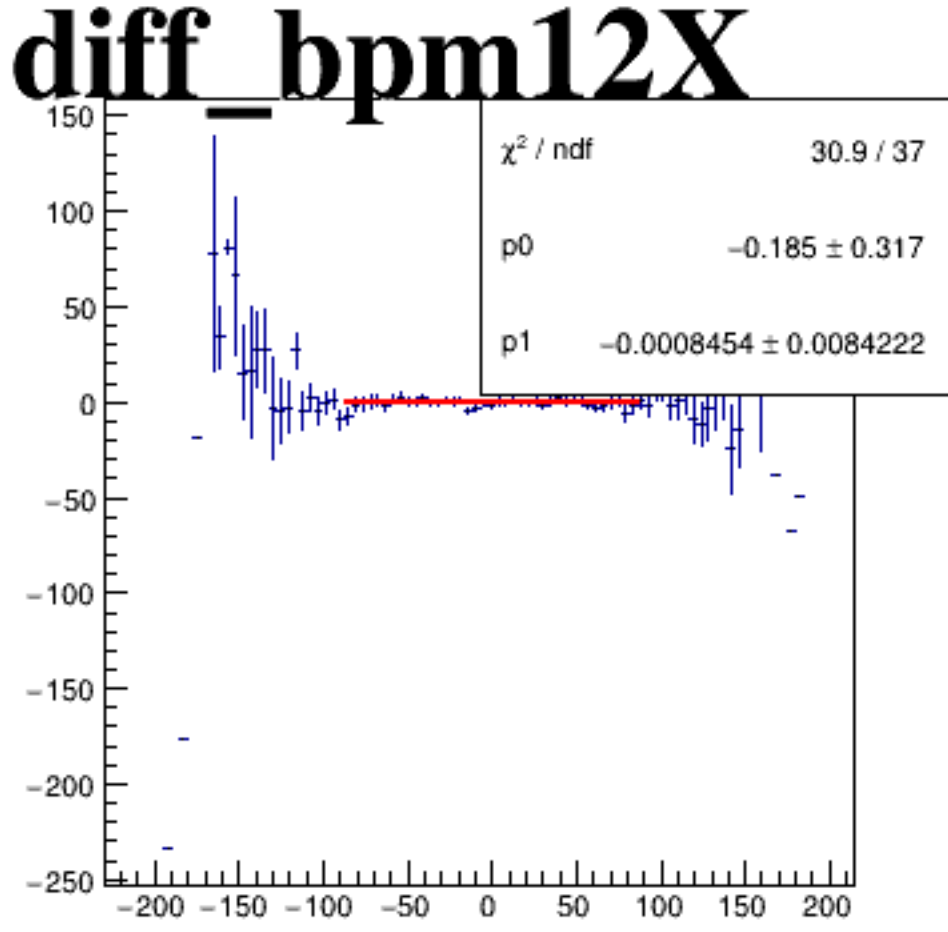
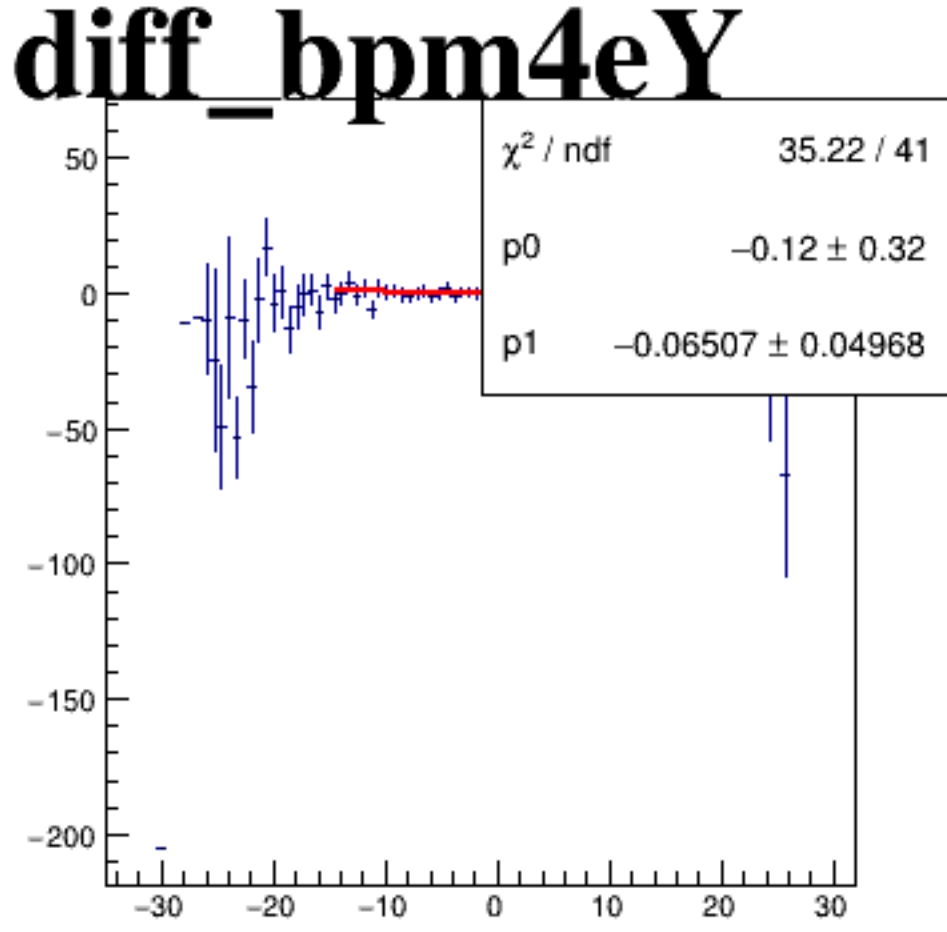
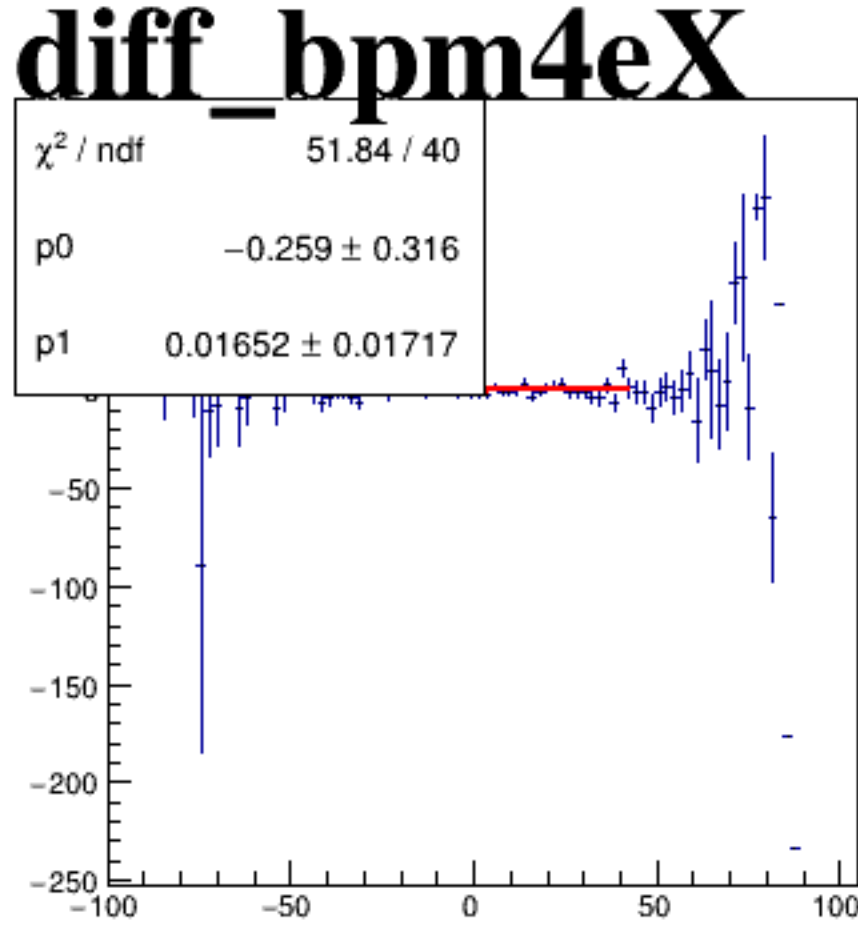
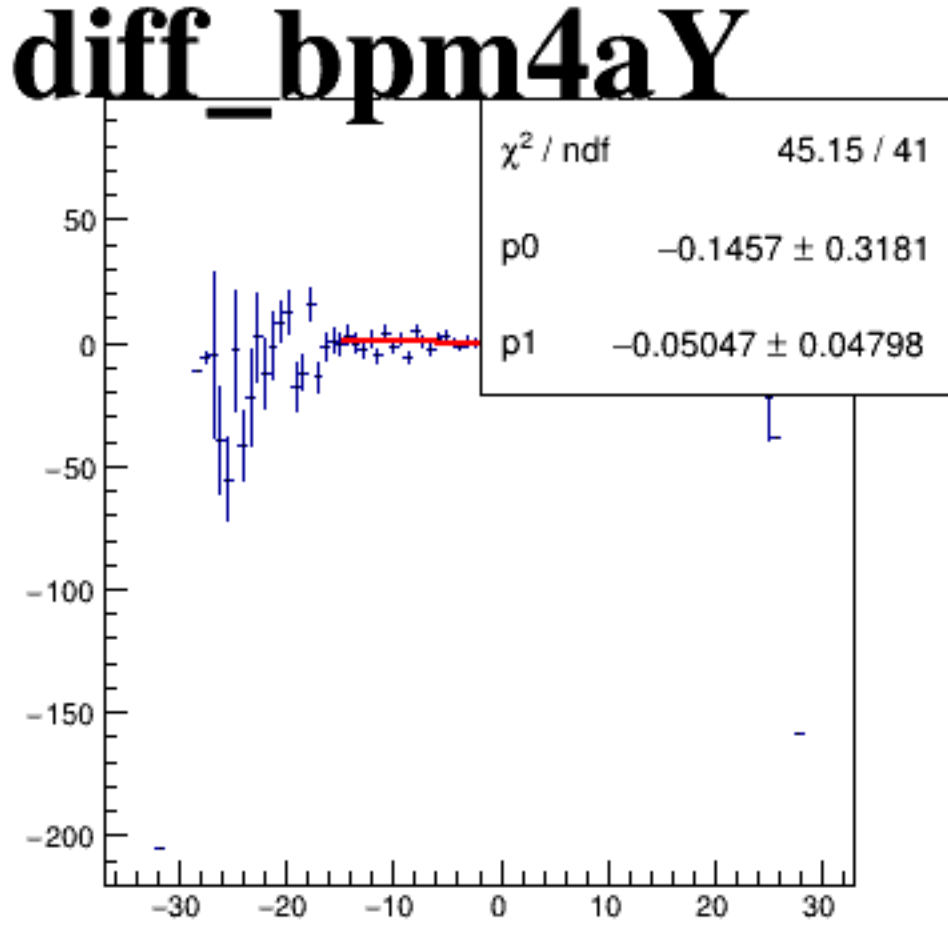
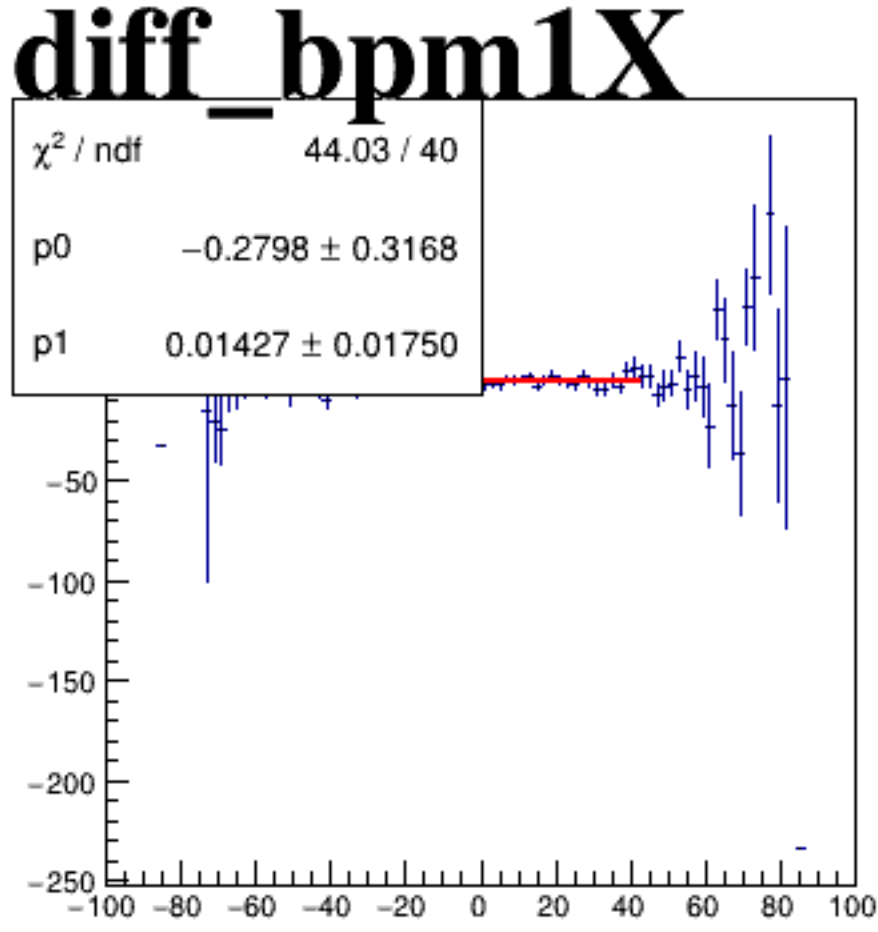
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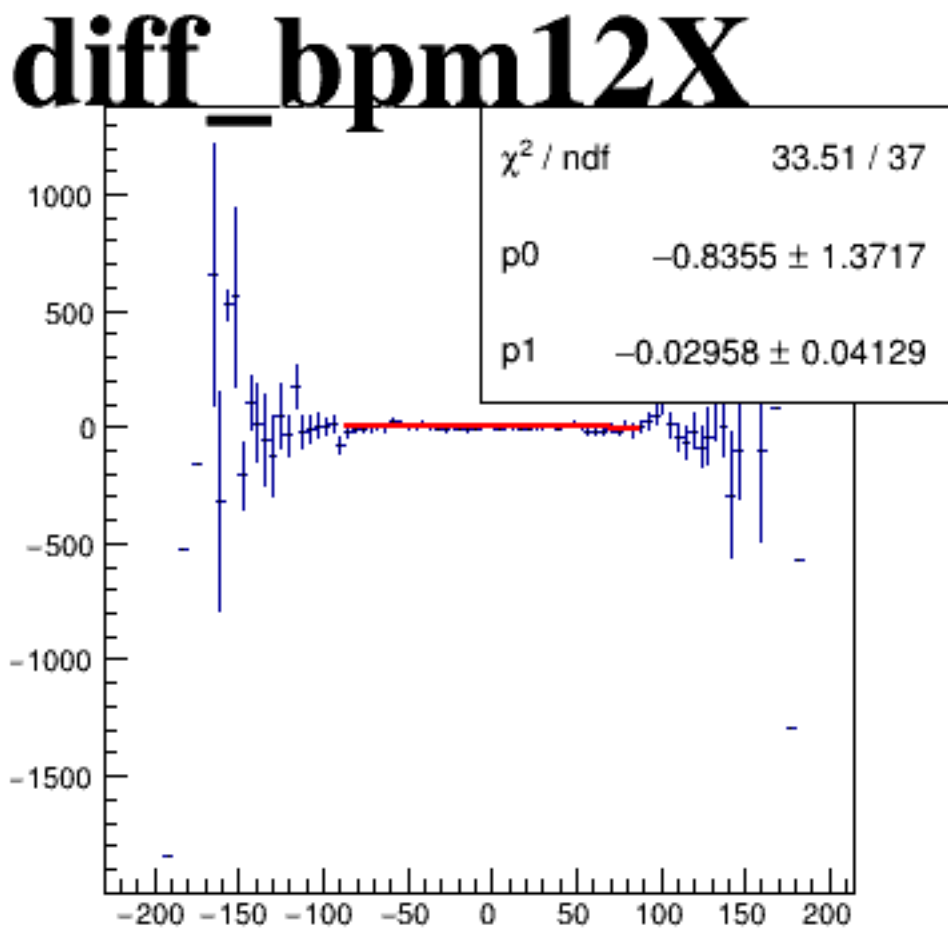
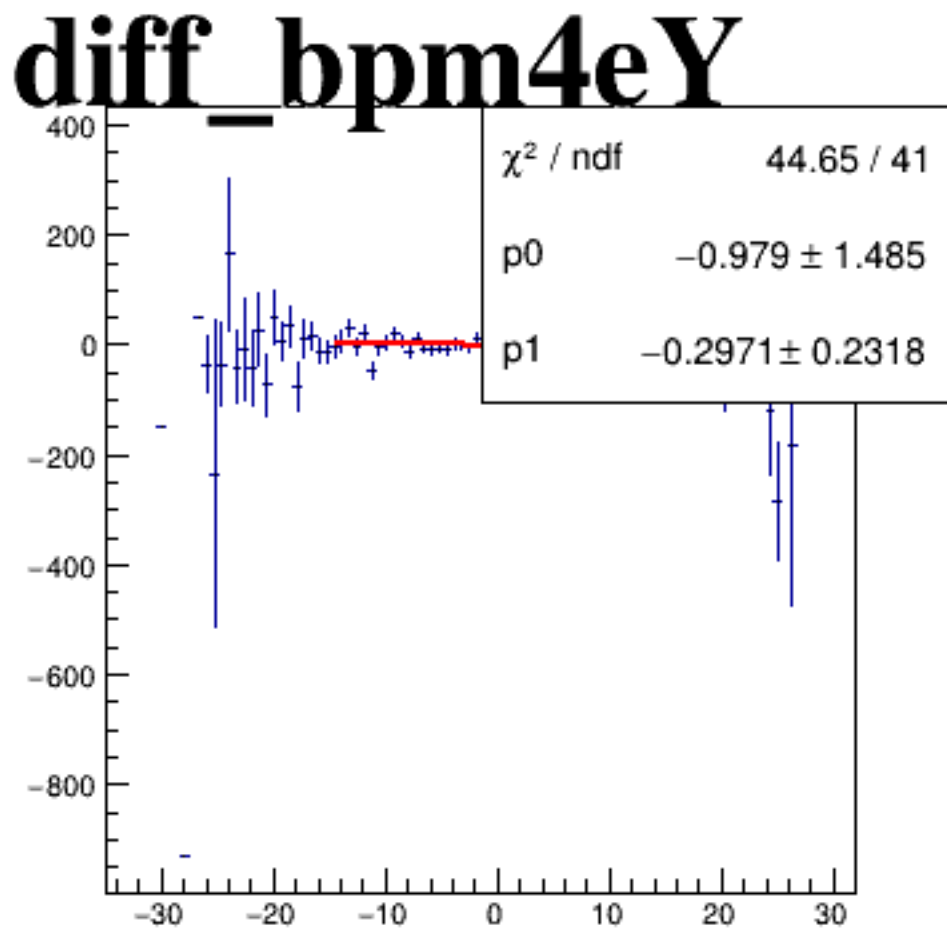
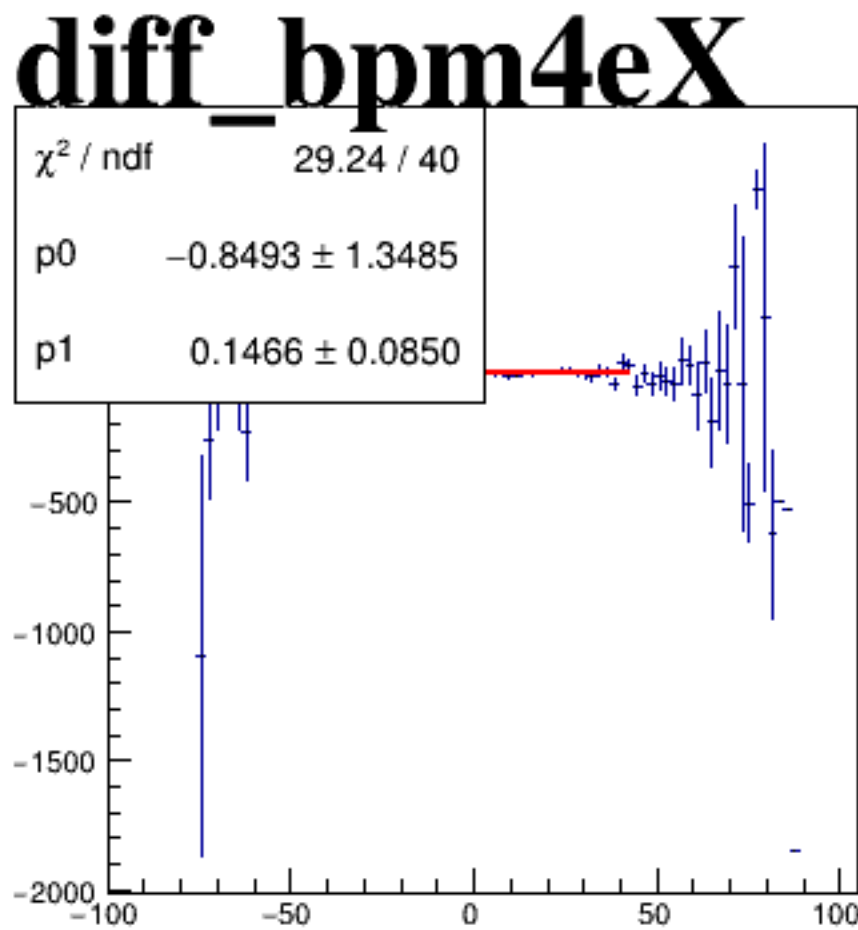
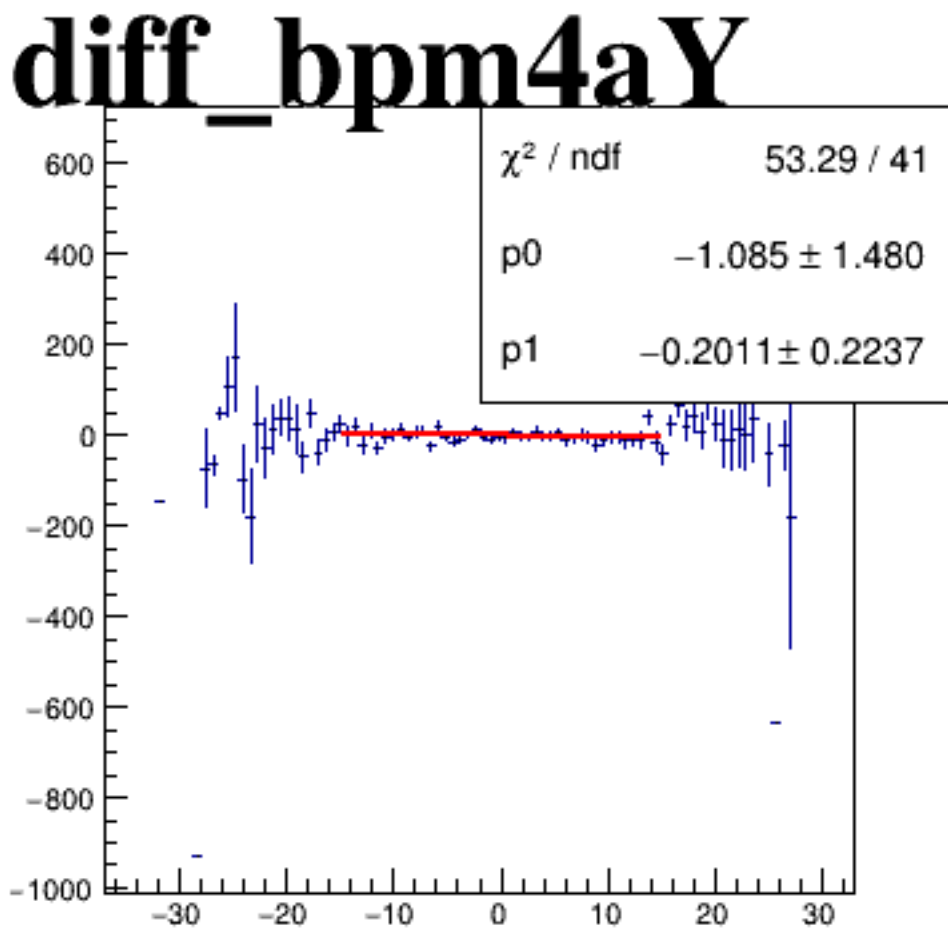
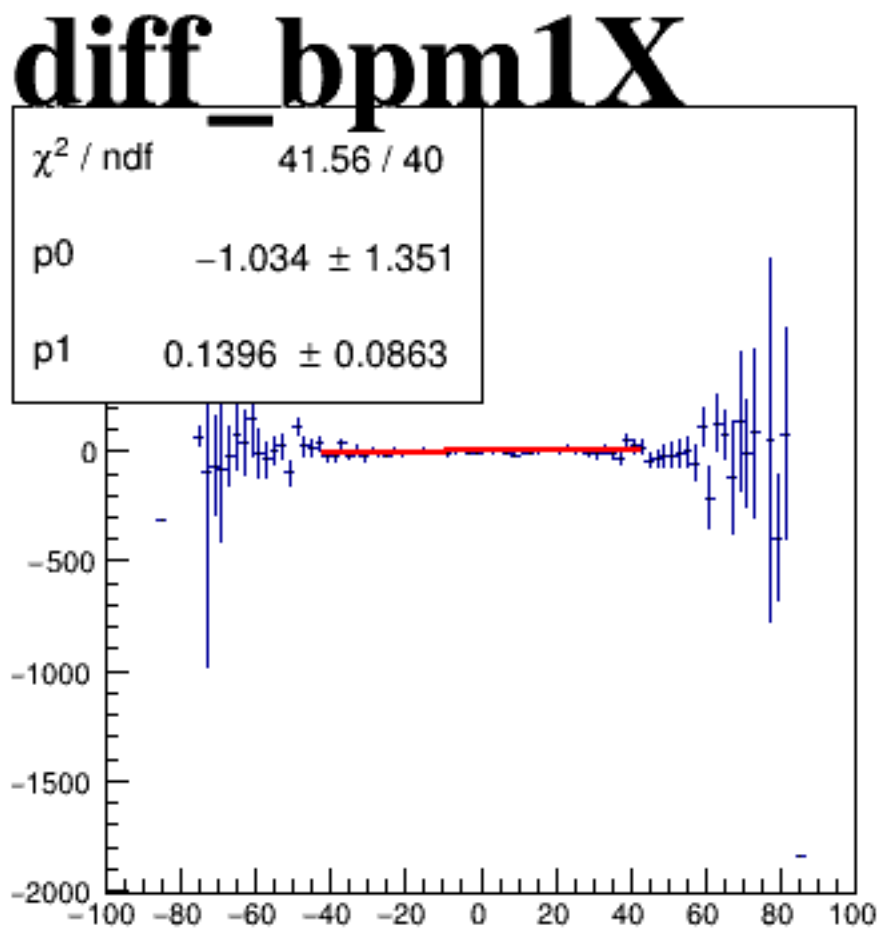
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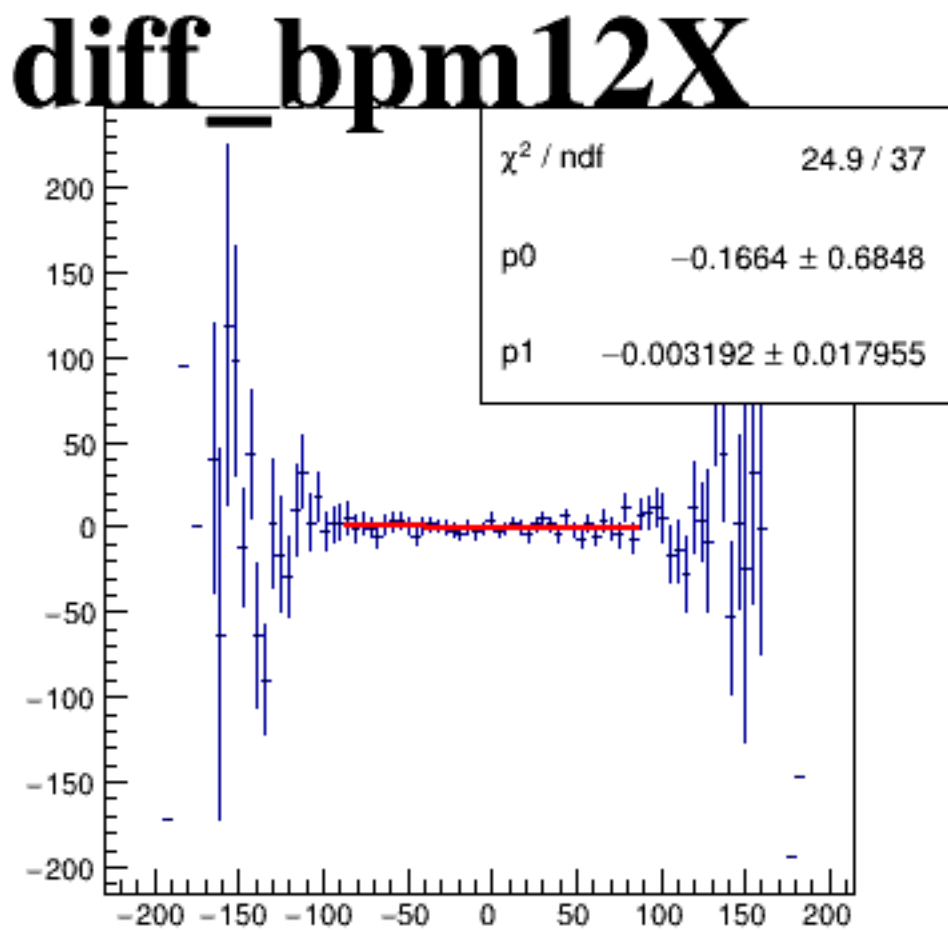
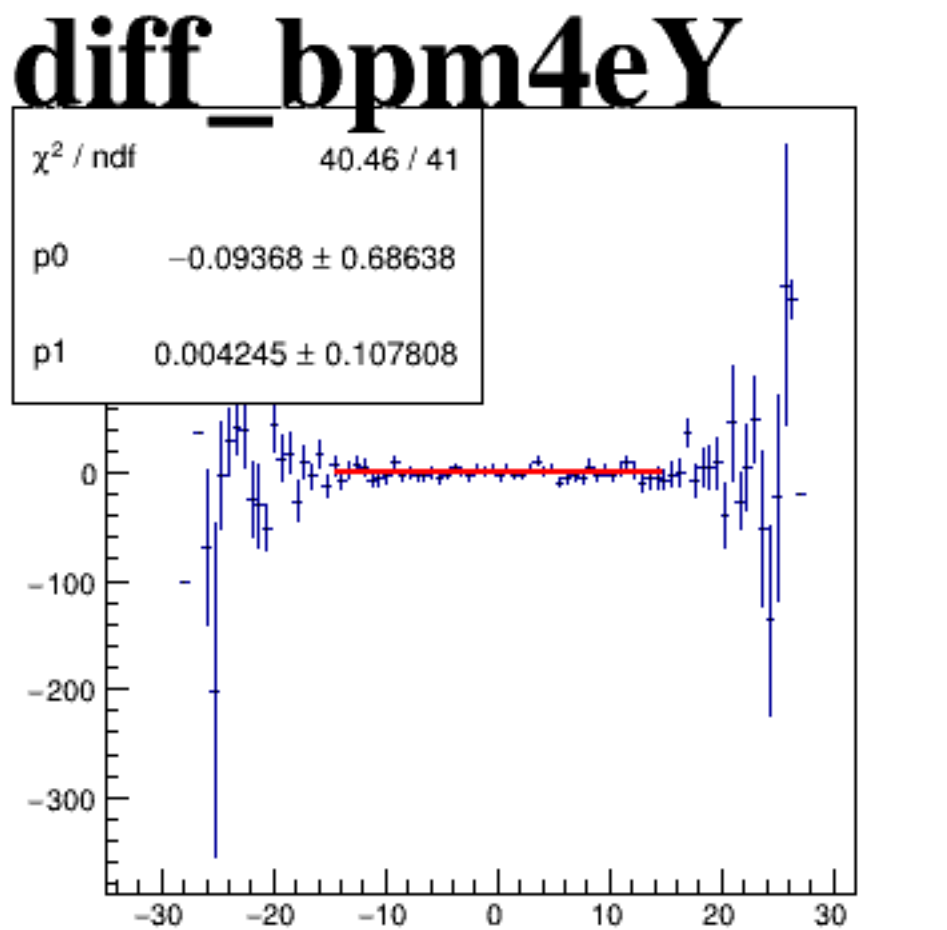
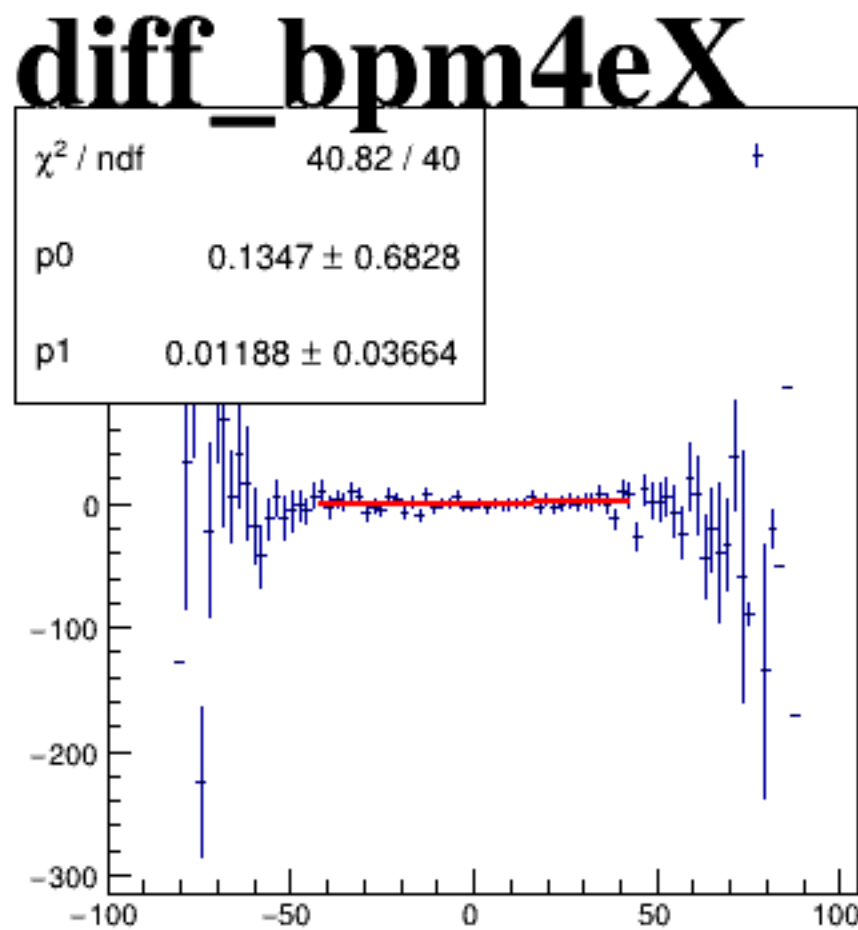
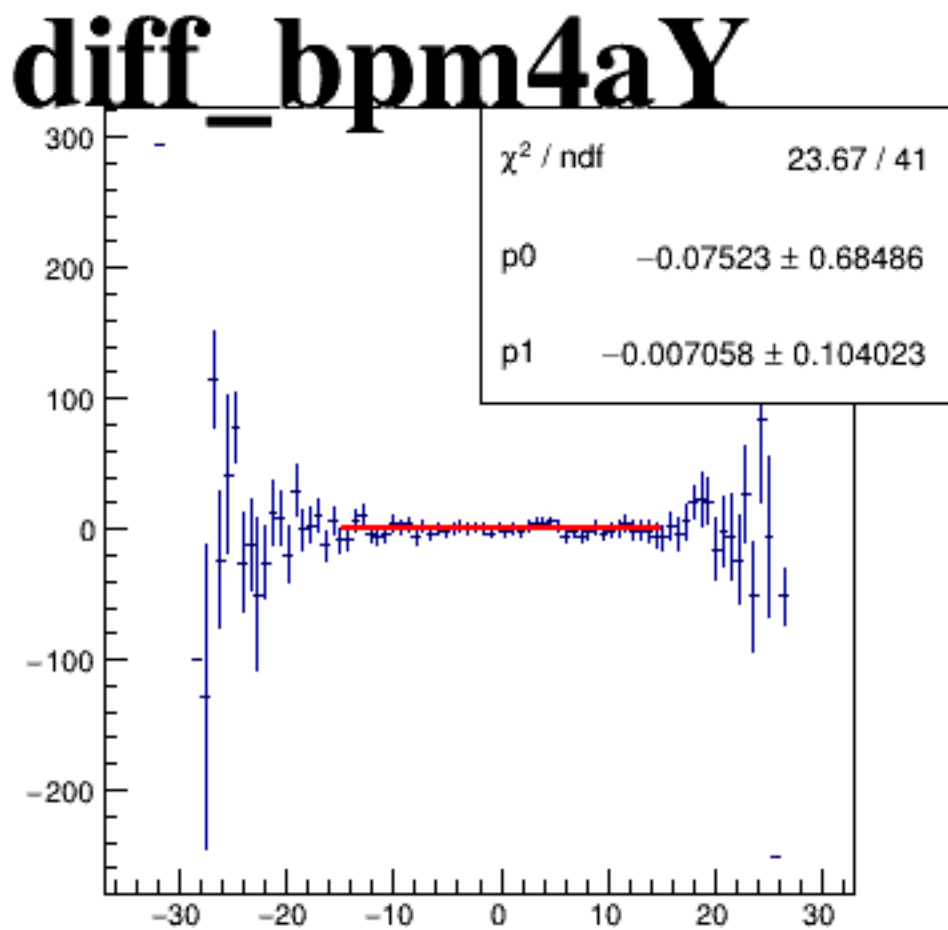
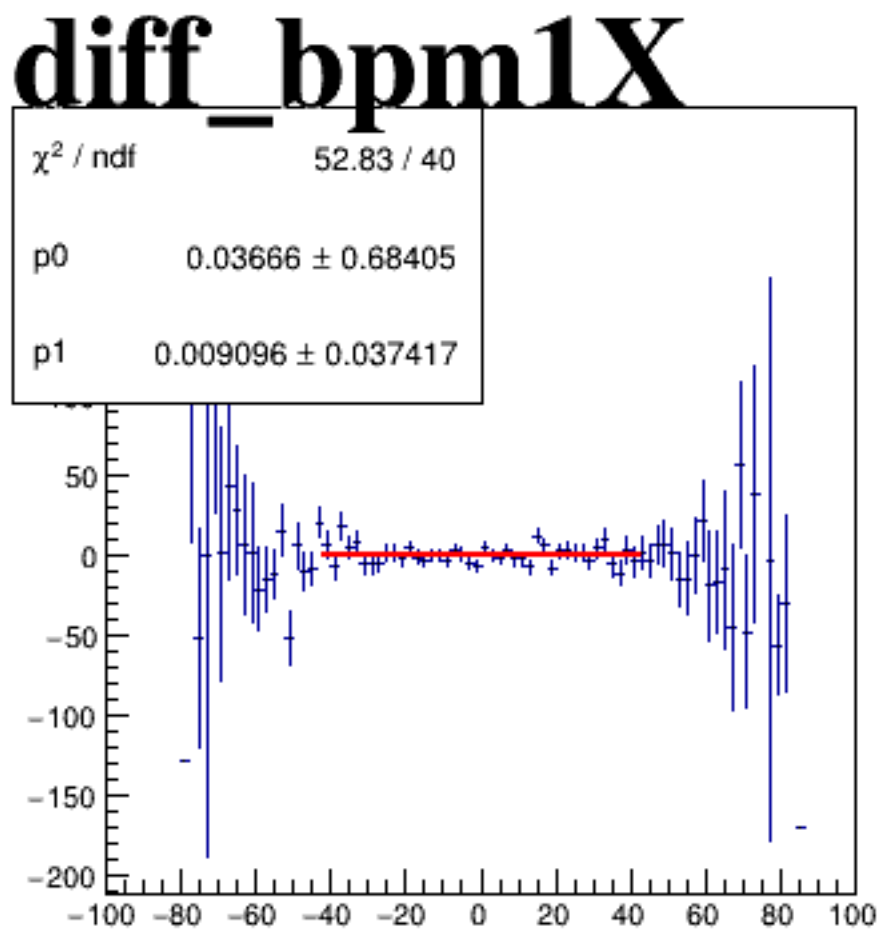
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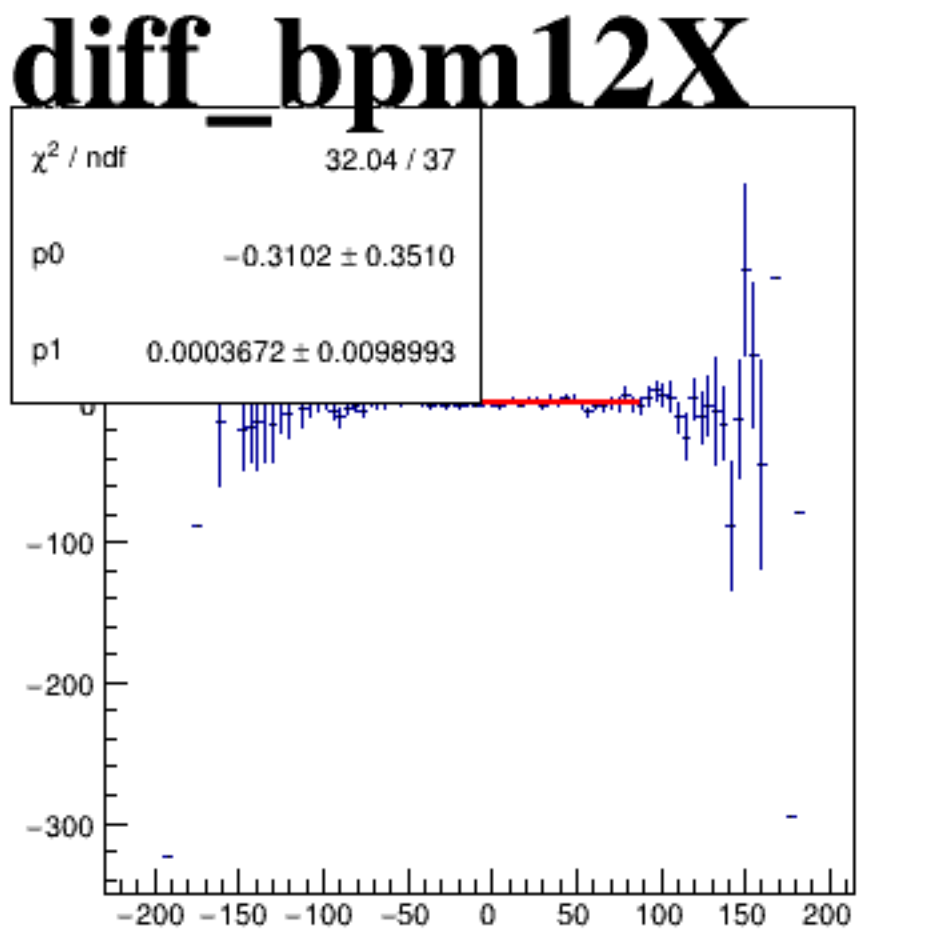
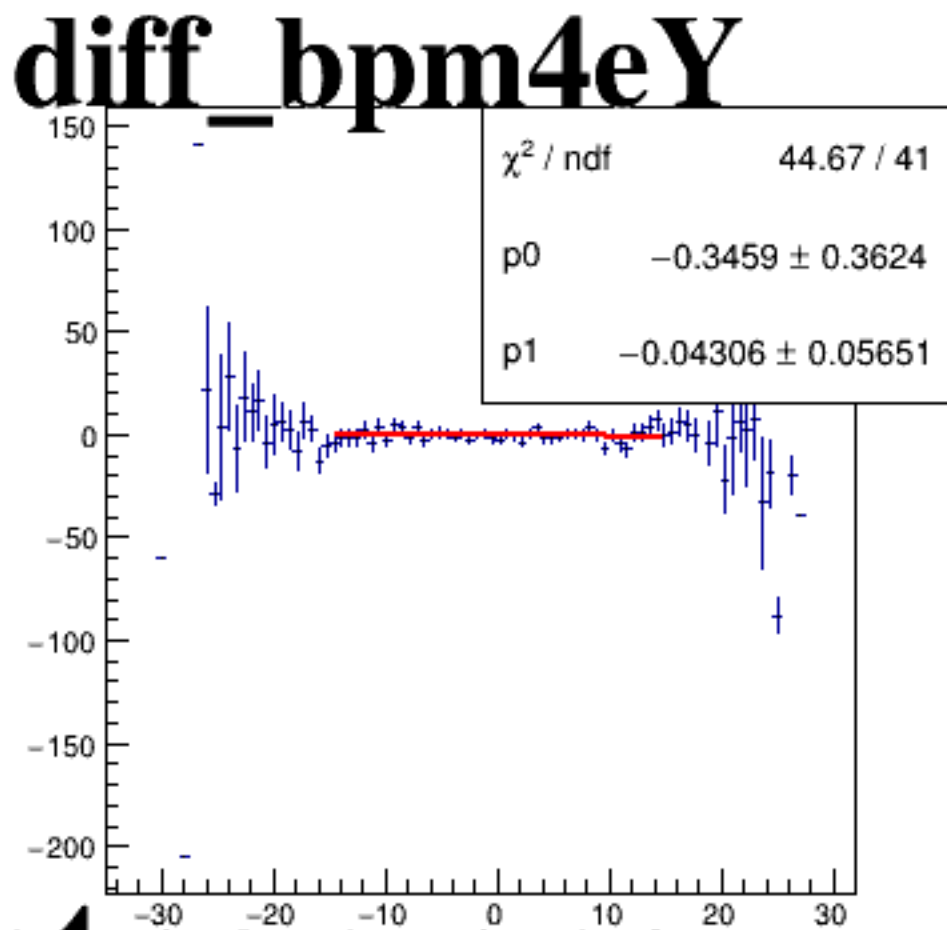
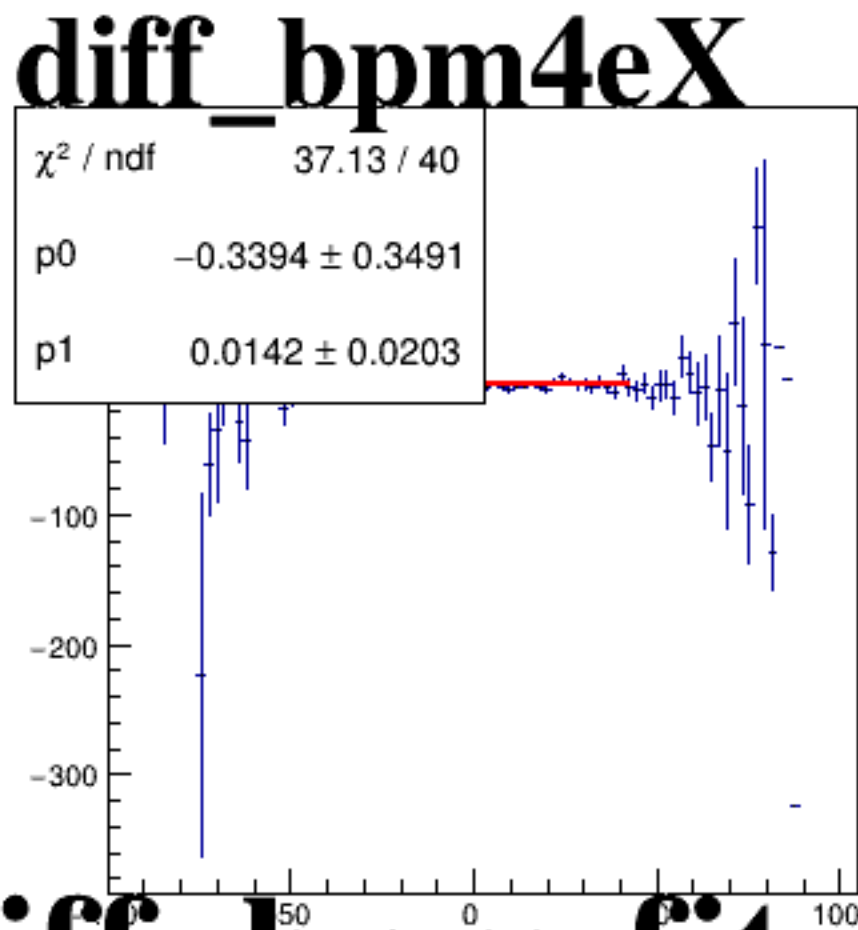
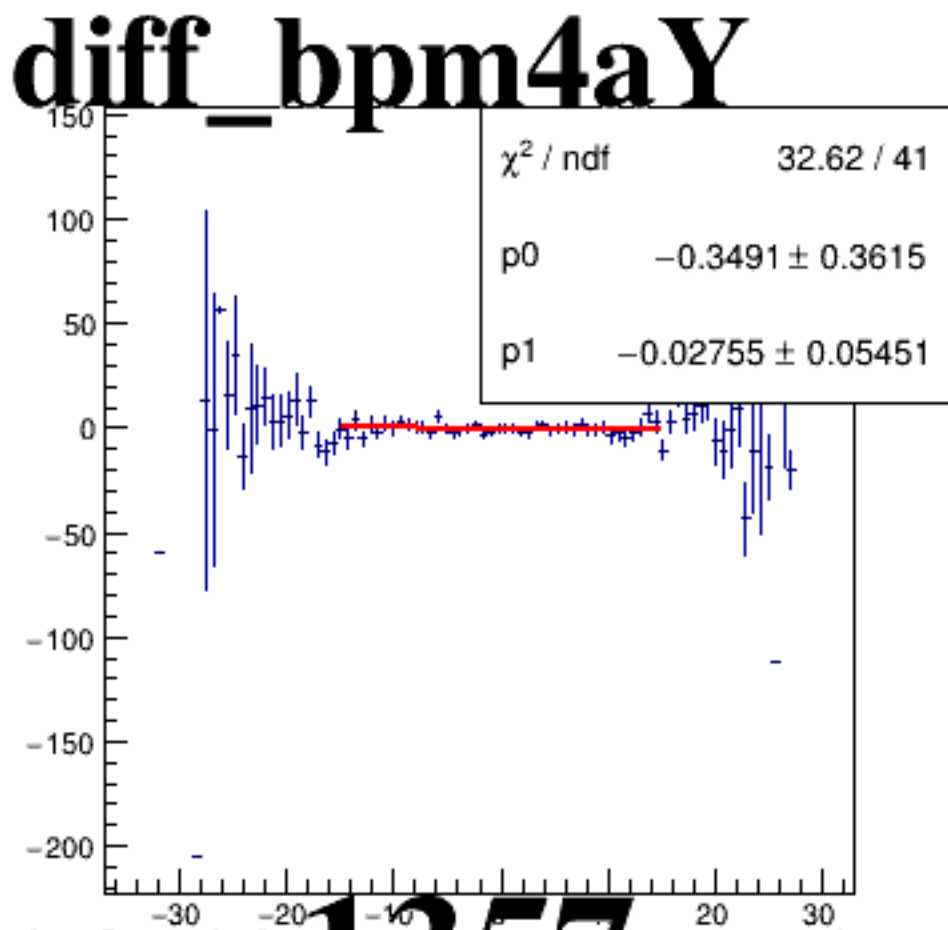
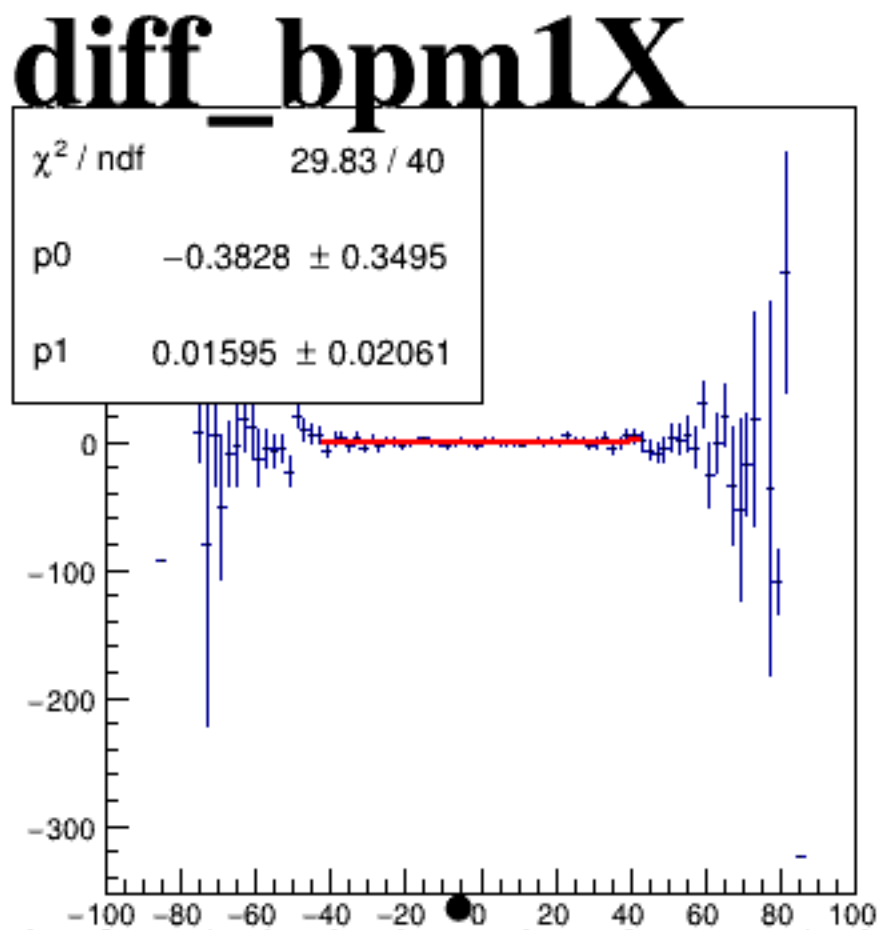
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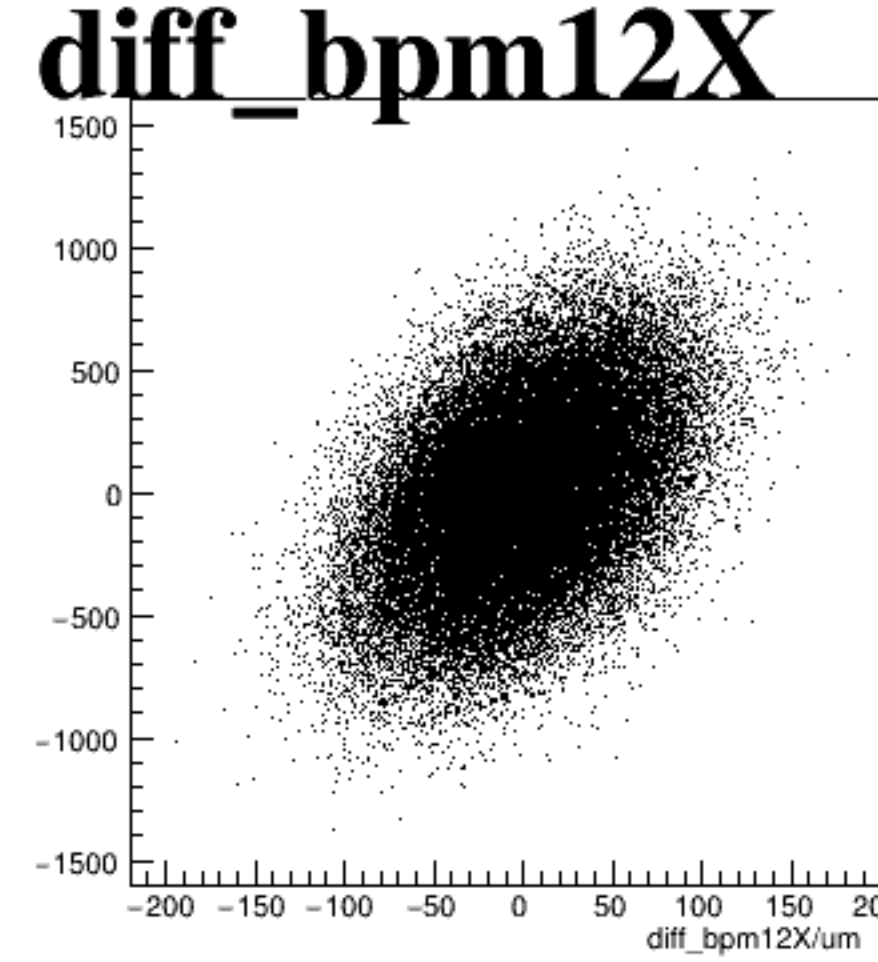
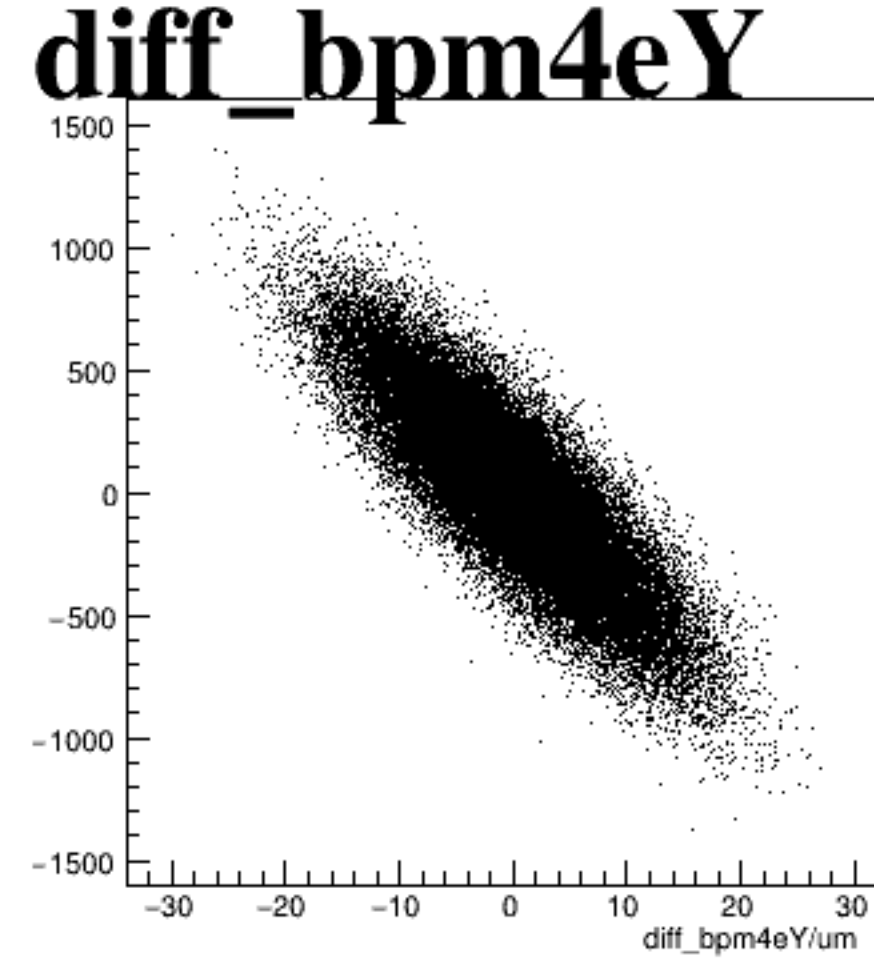
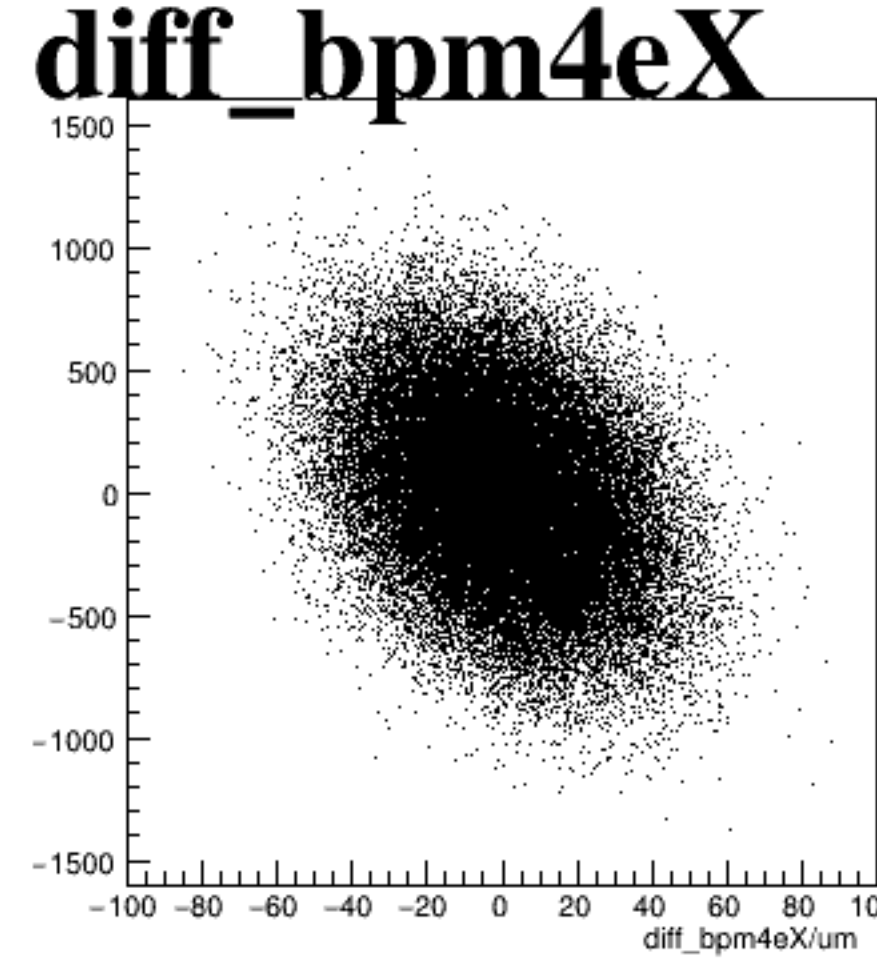
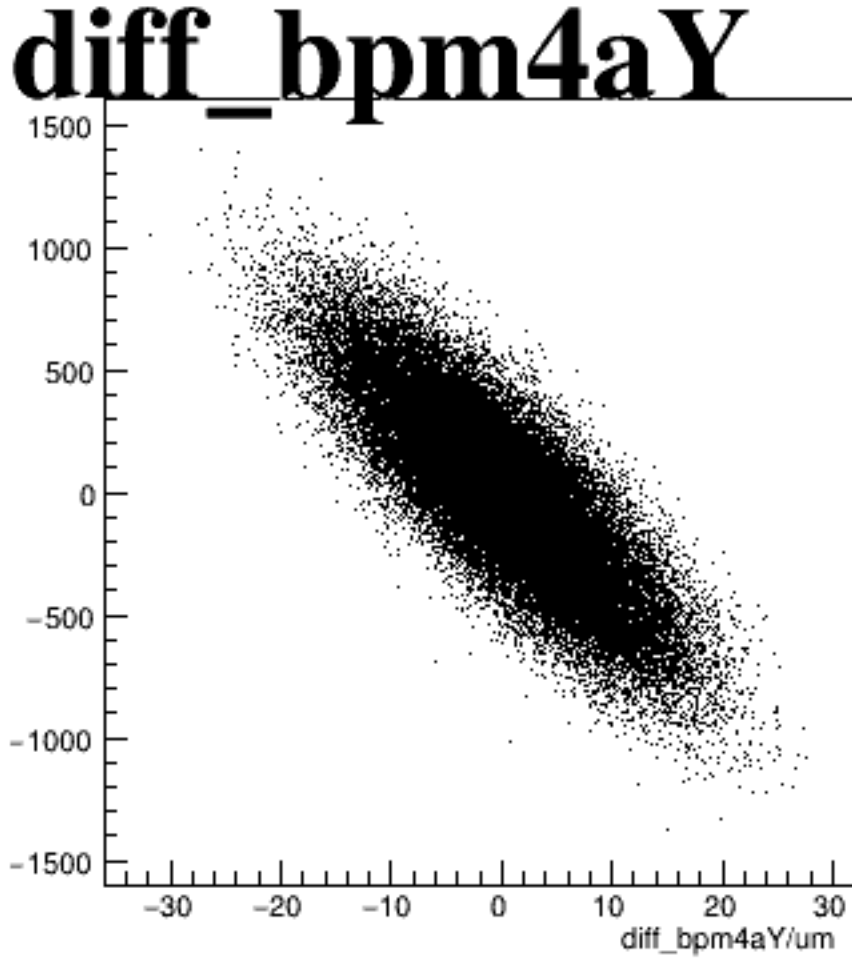
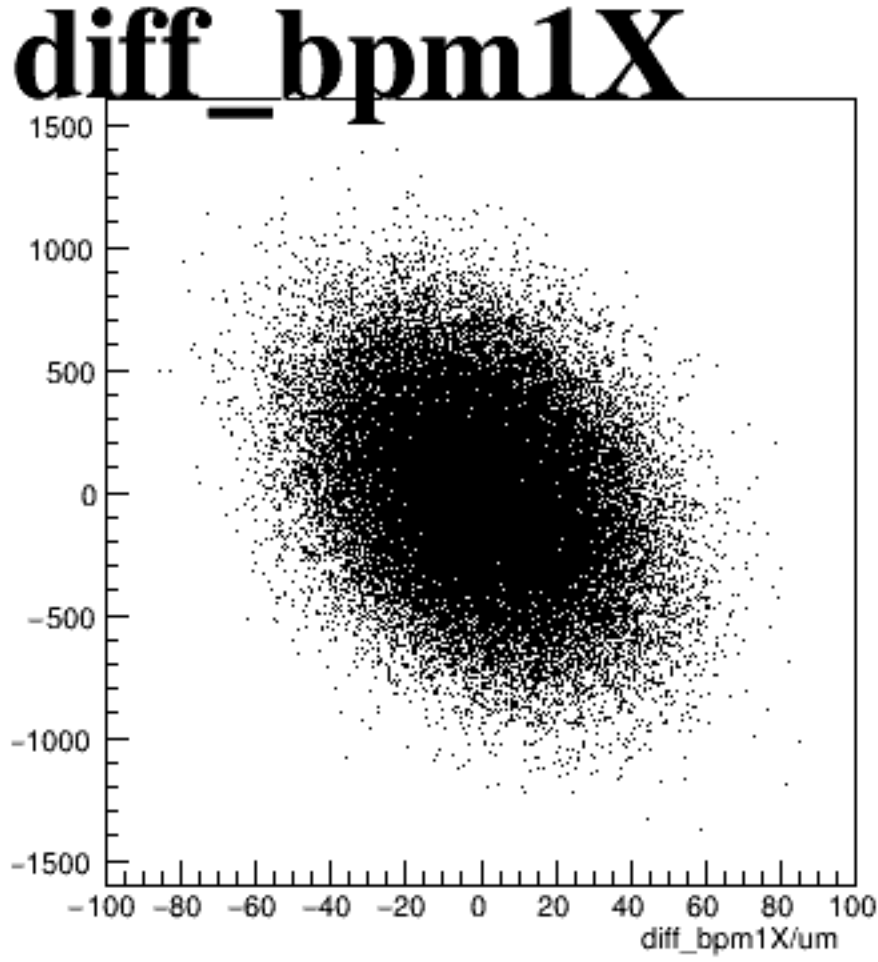
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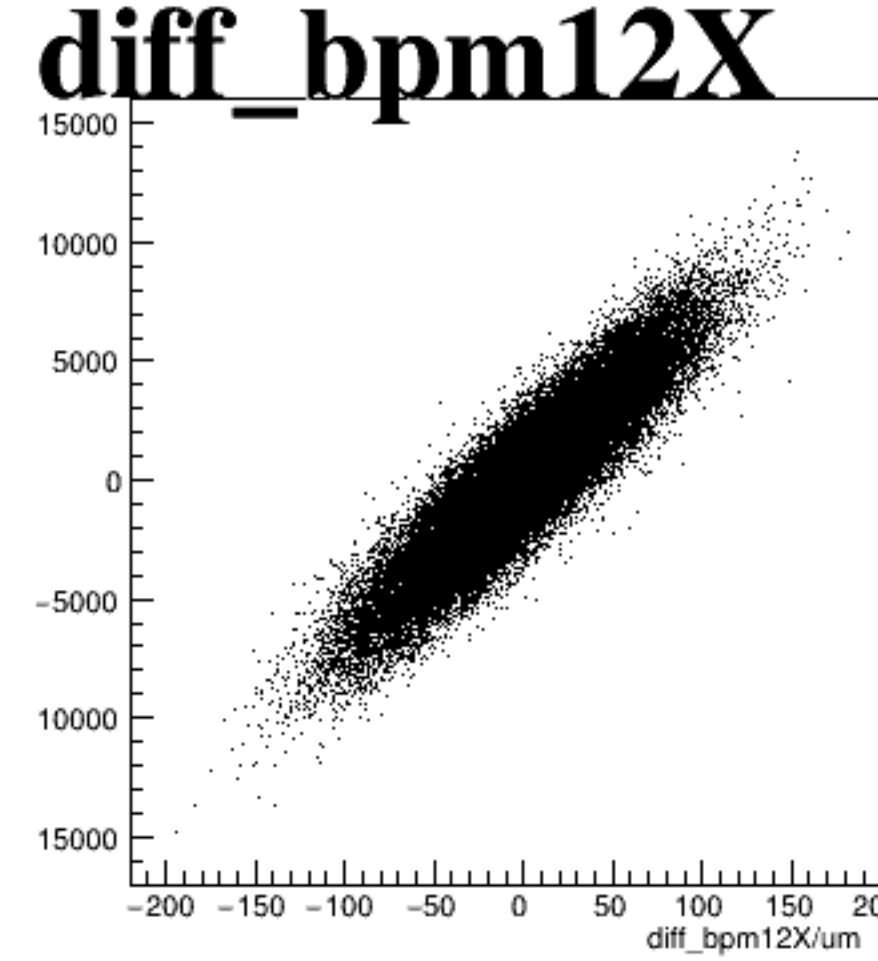
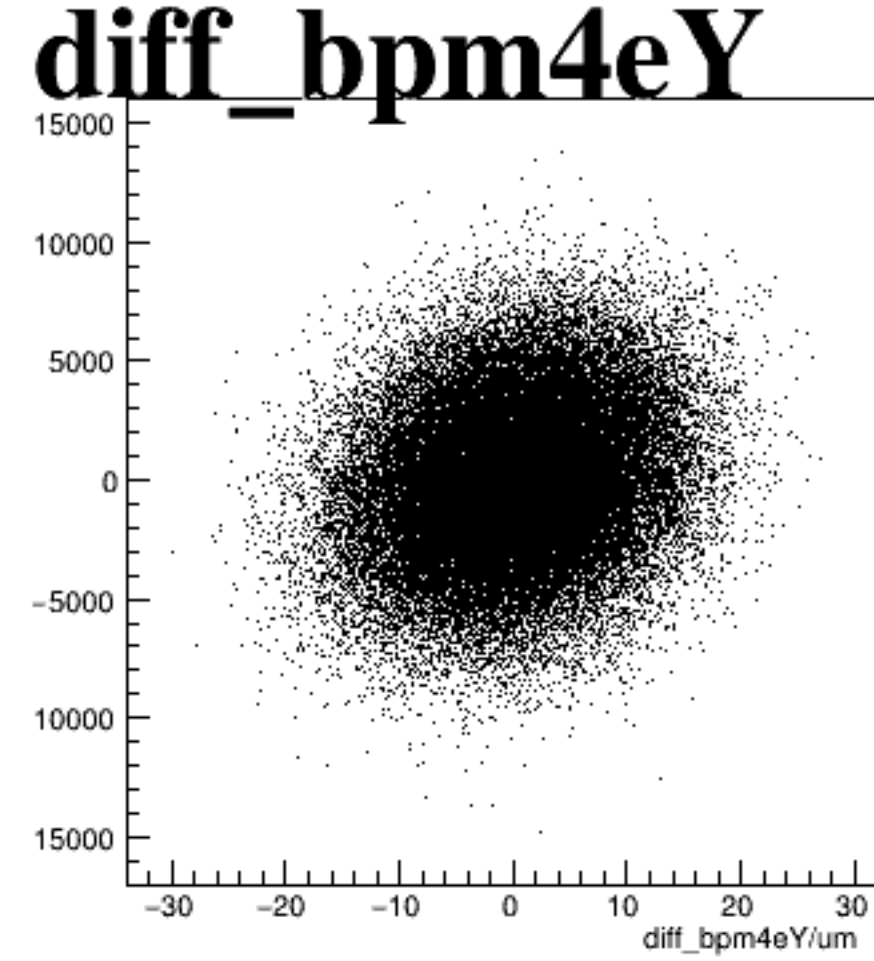
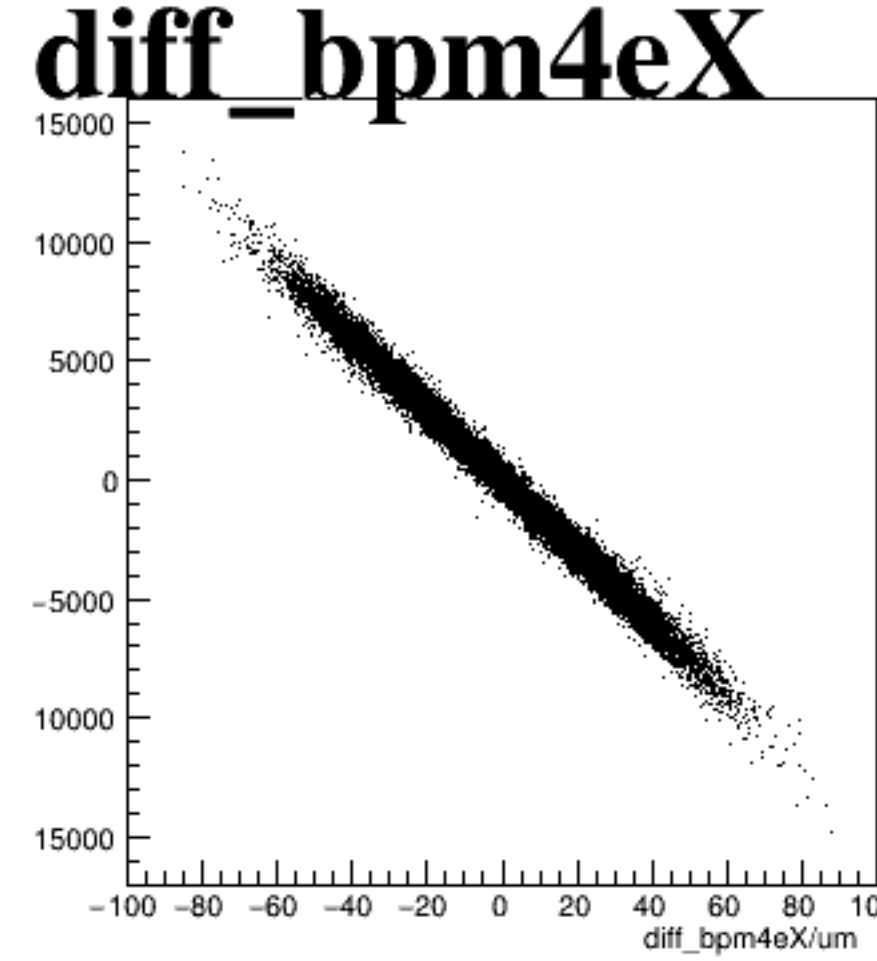
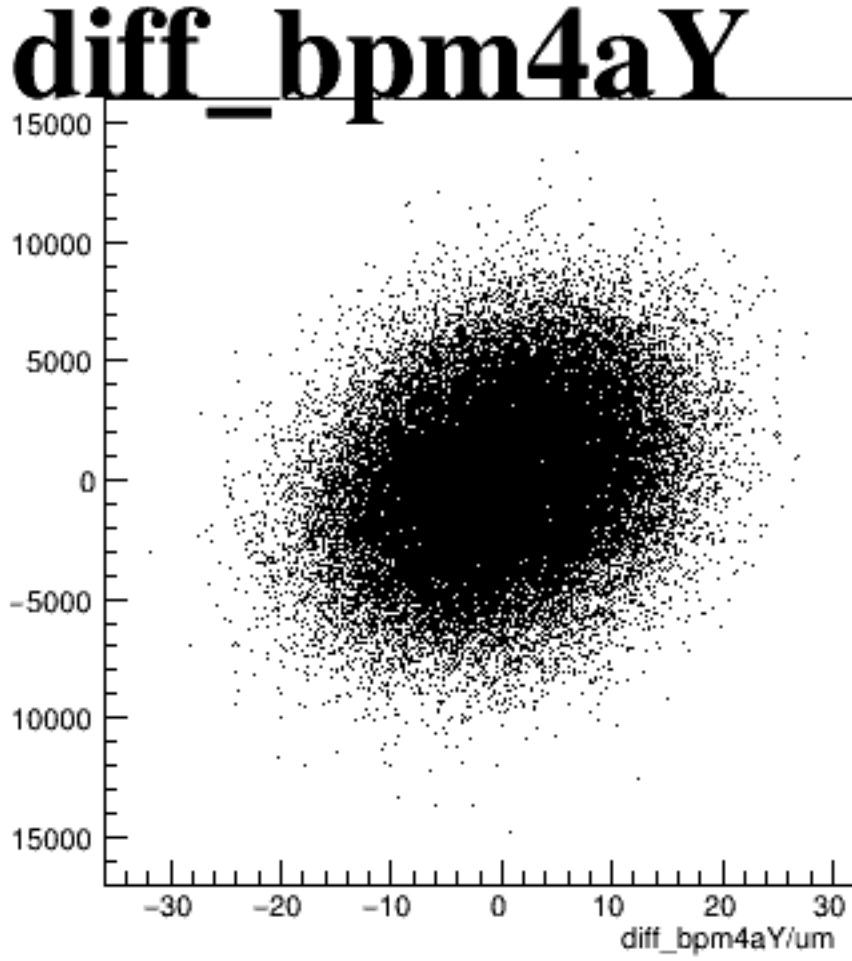
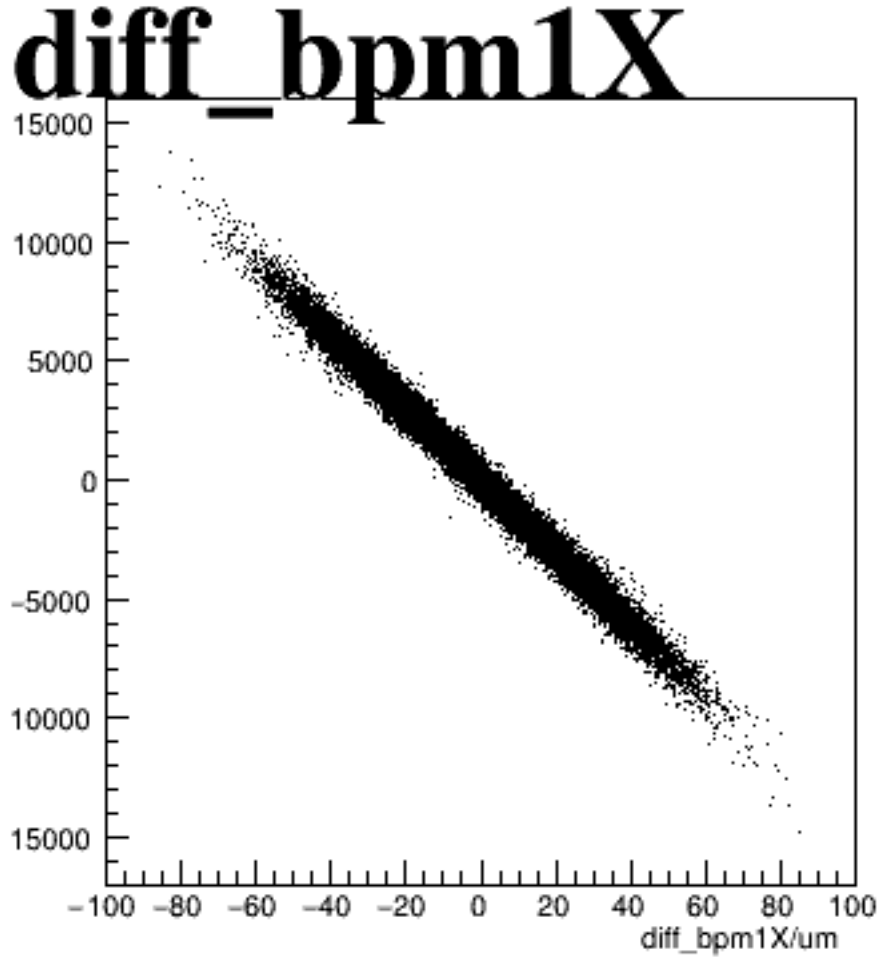
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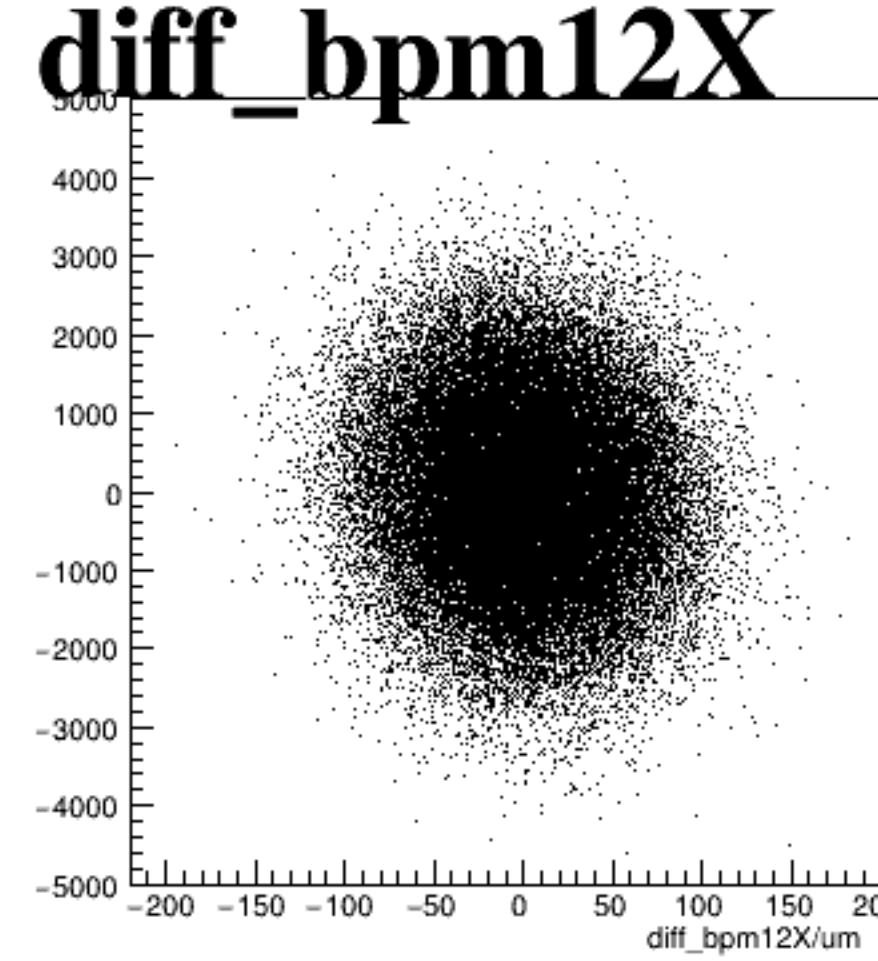
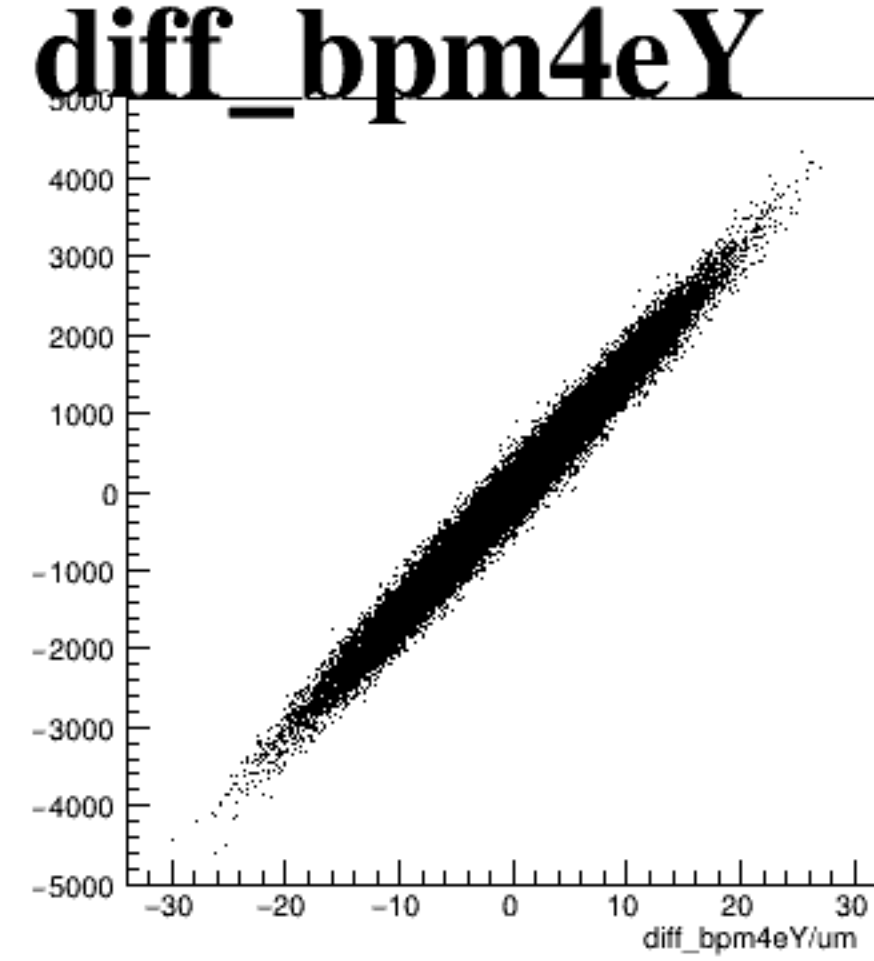
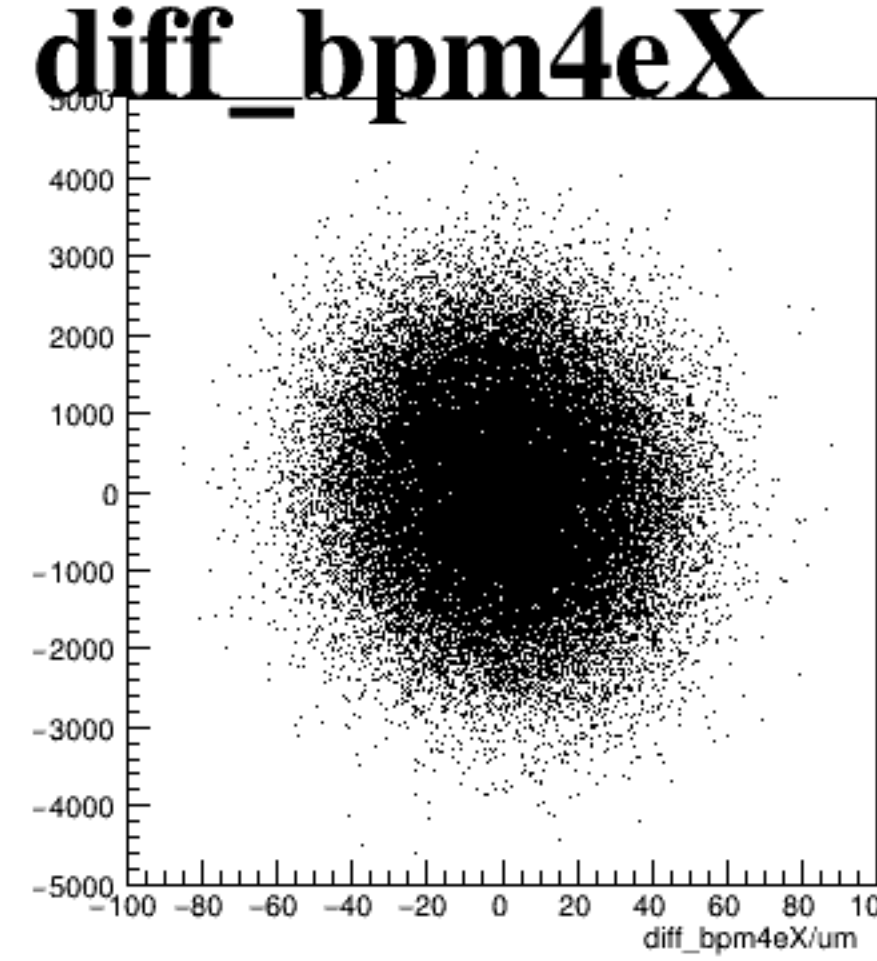
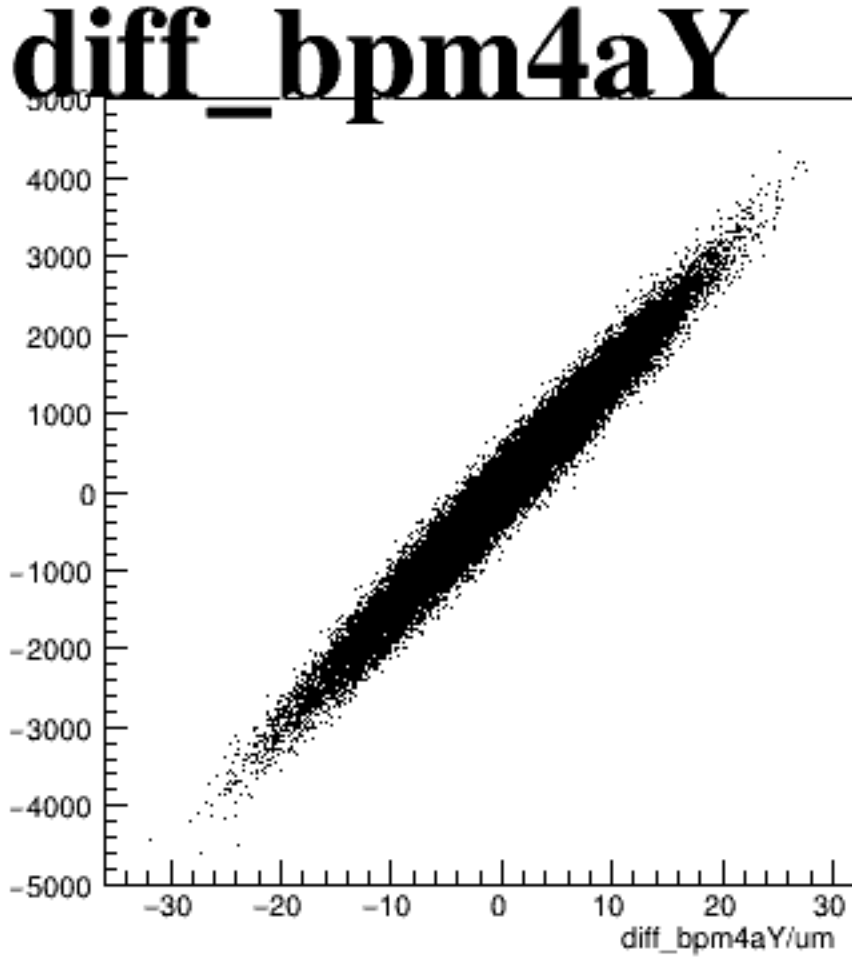
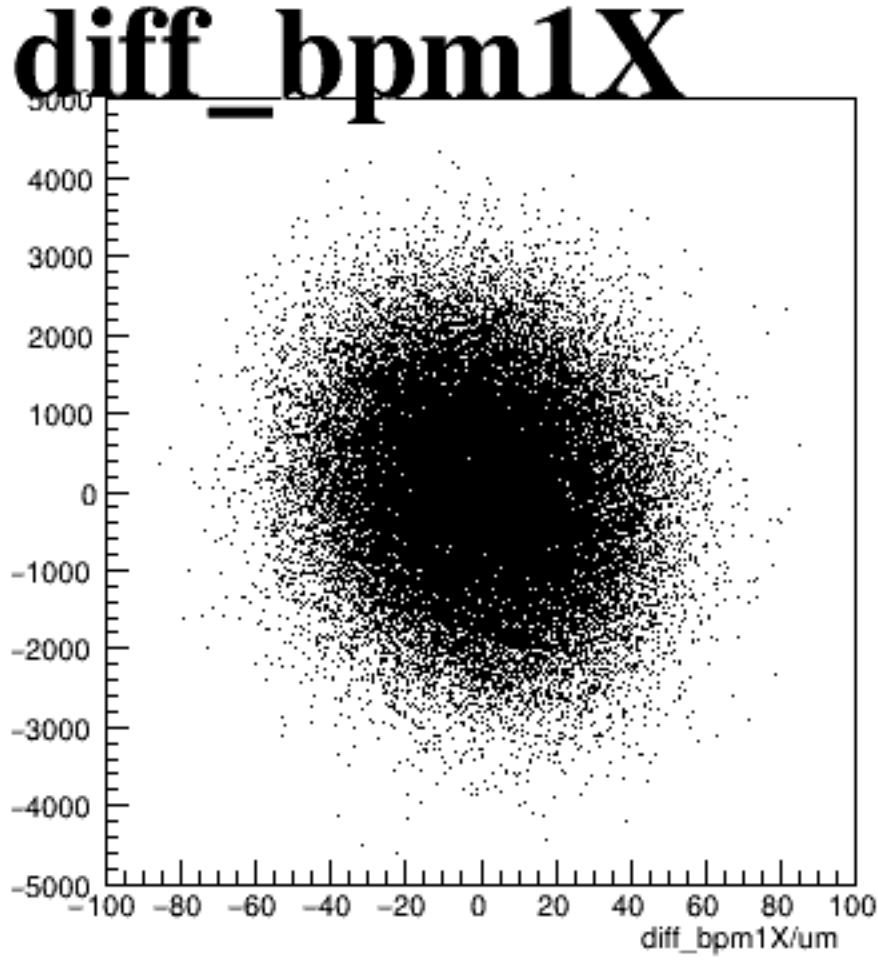
asym_sam1



asym_sam3



asym_sam5



asym_sam7

