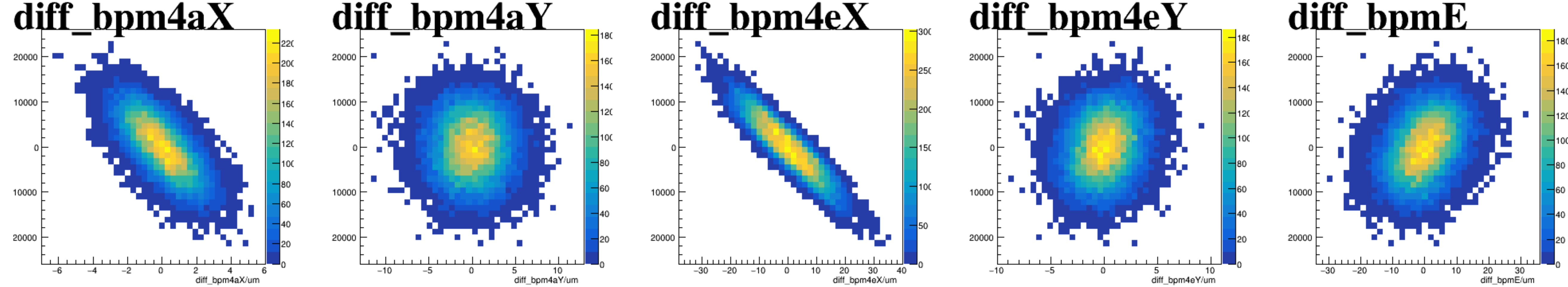
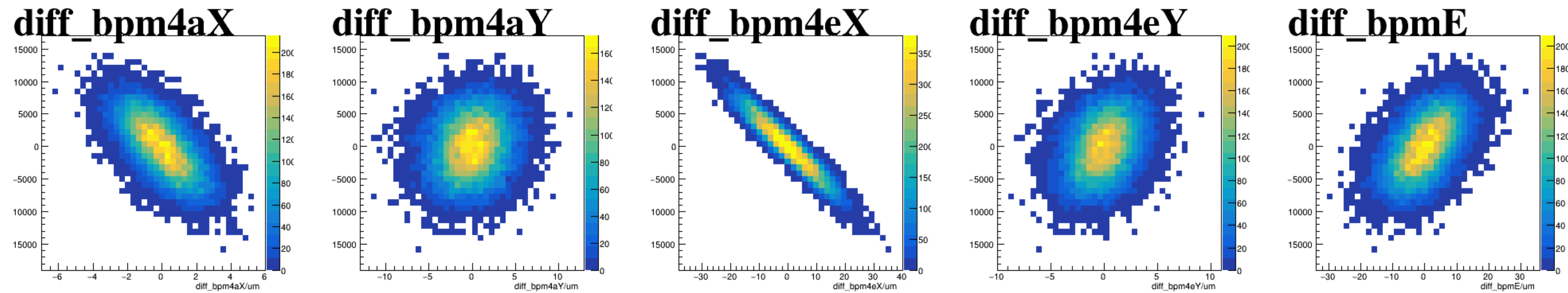


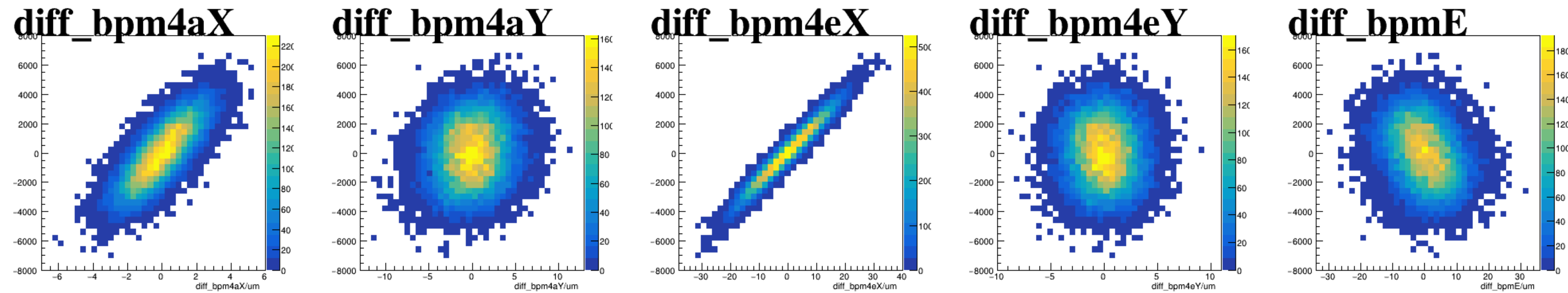
asym_sam2



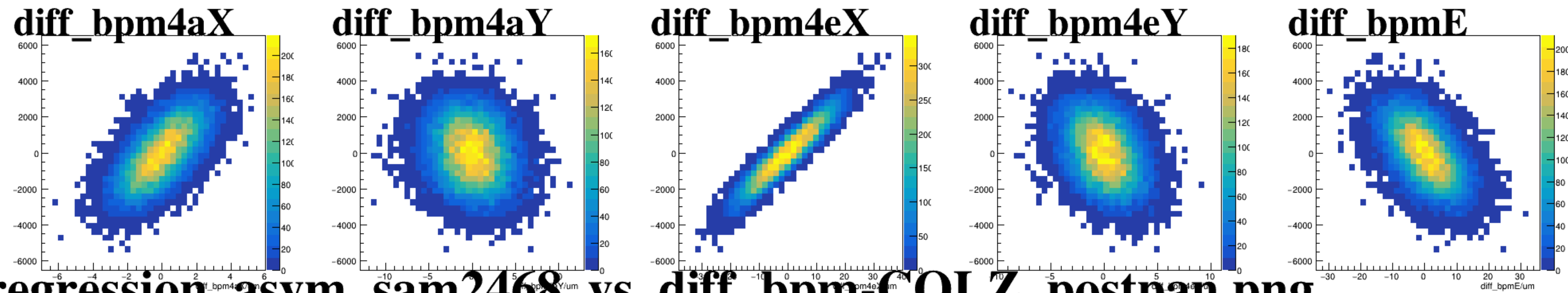
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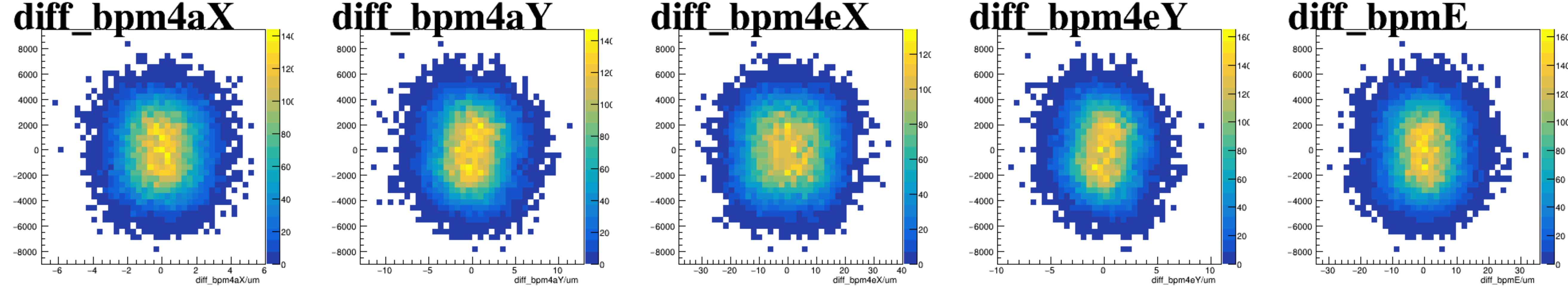
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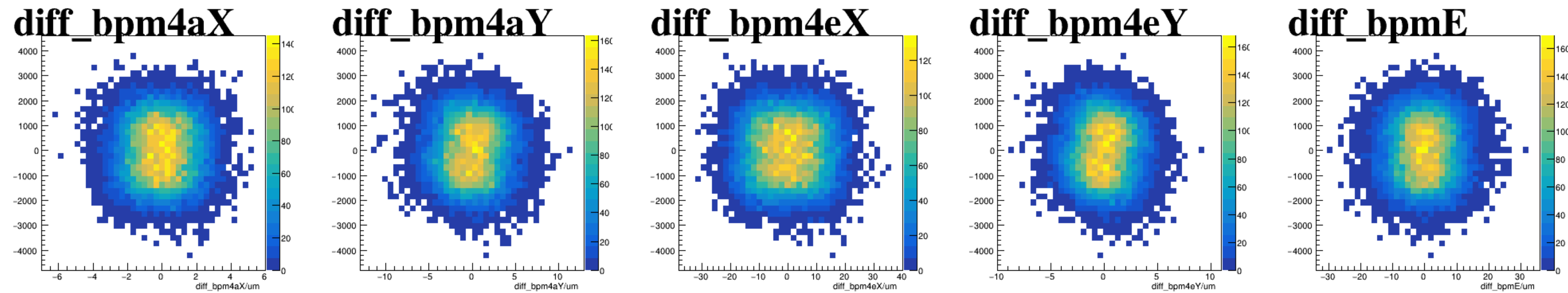
asym_sam8



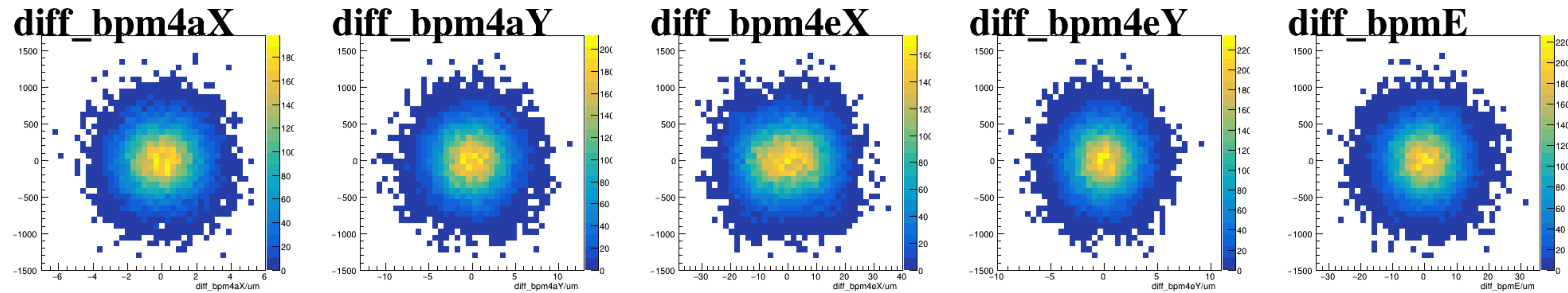
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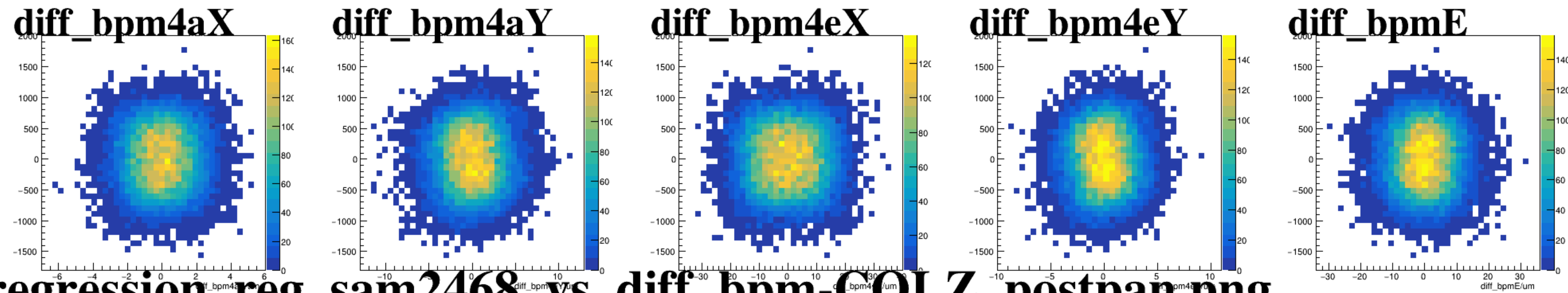
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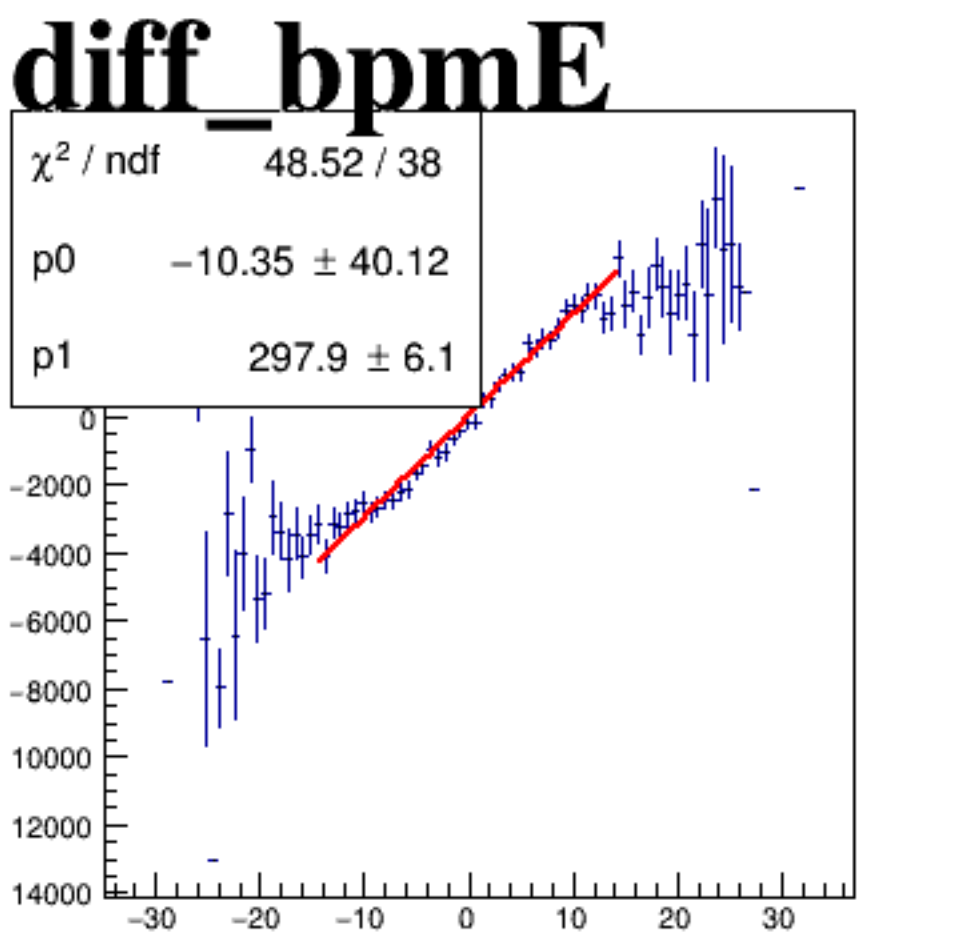
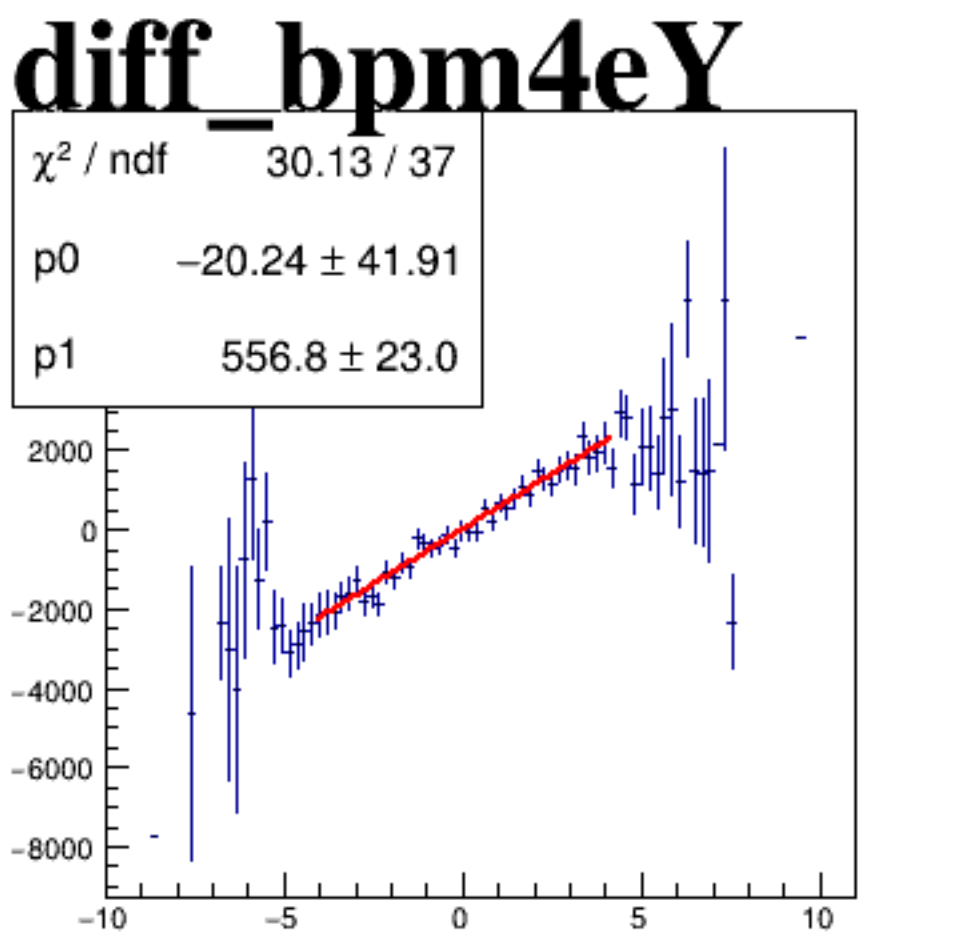
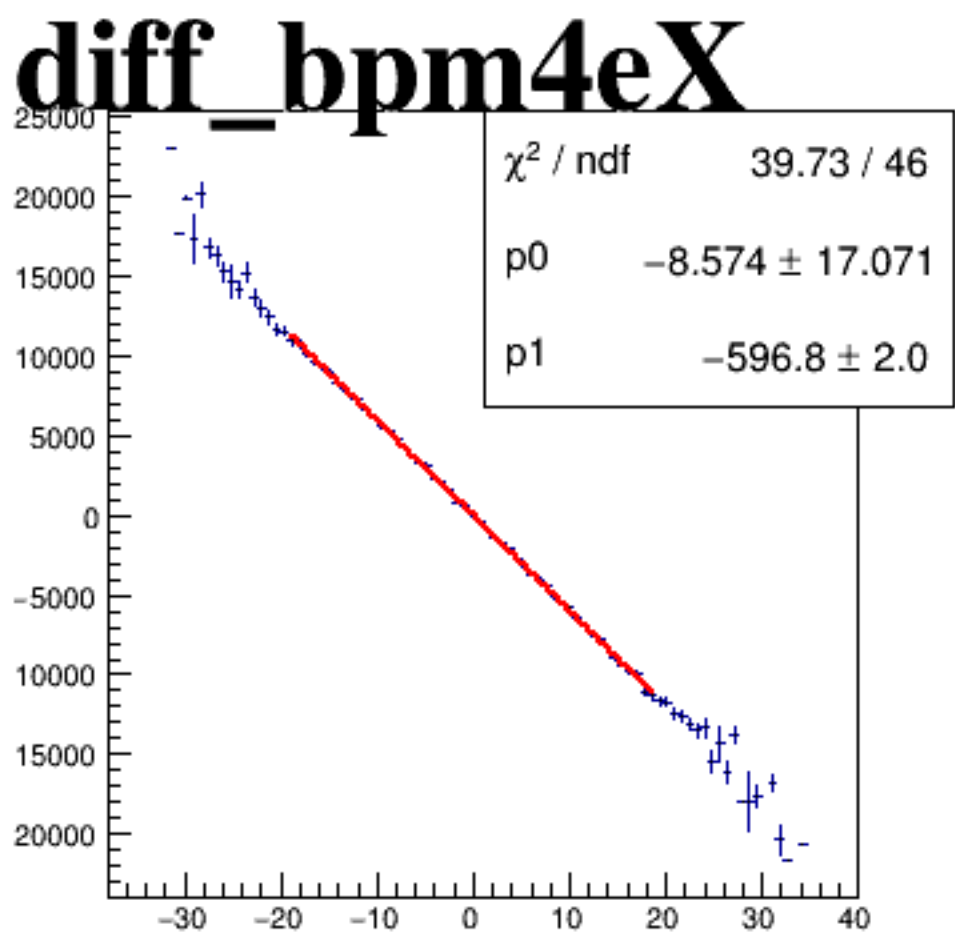
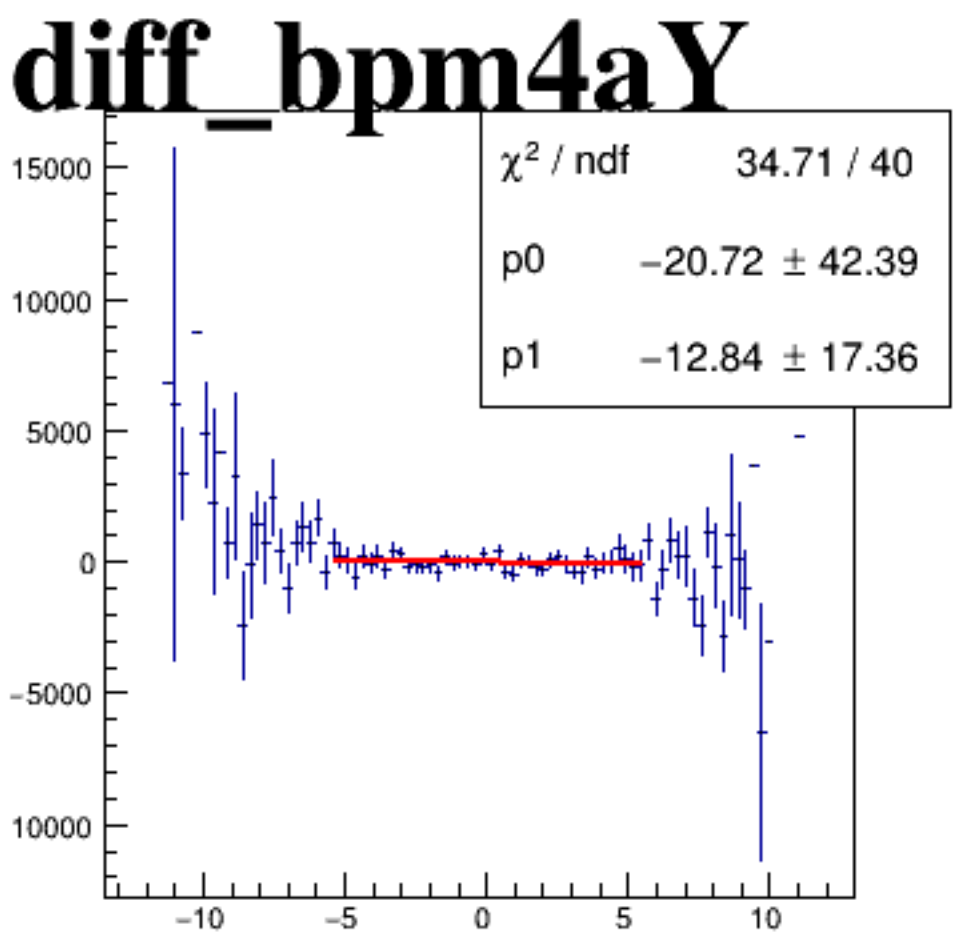
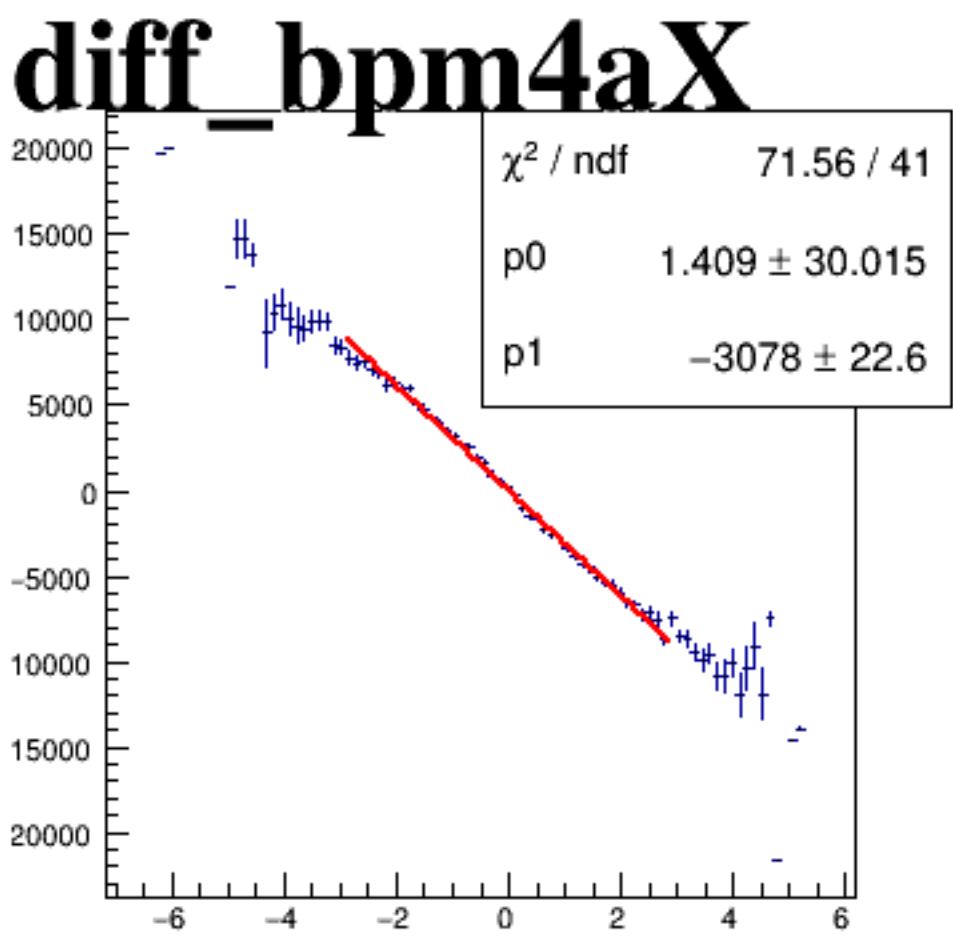
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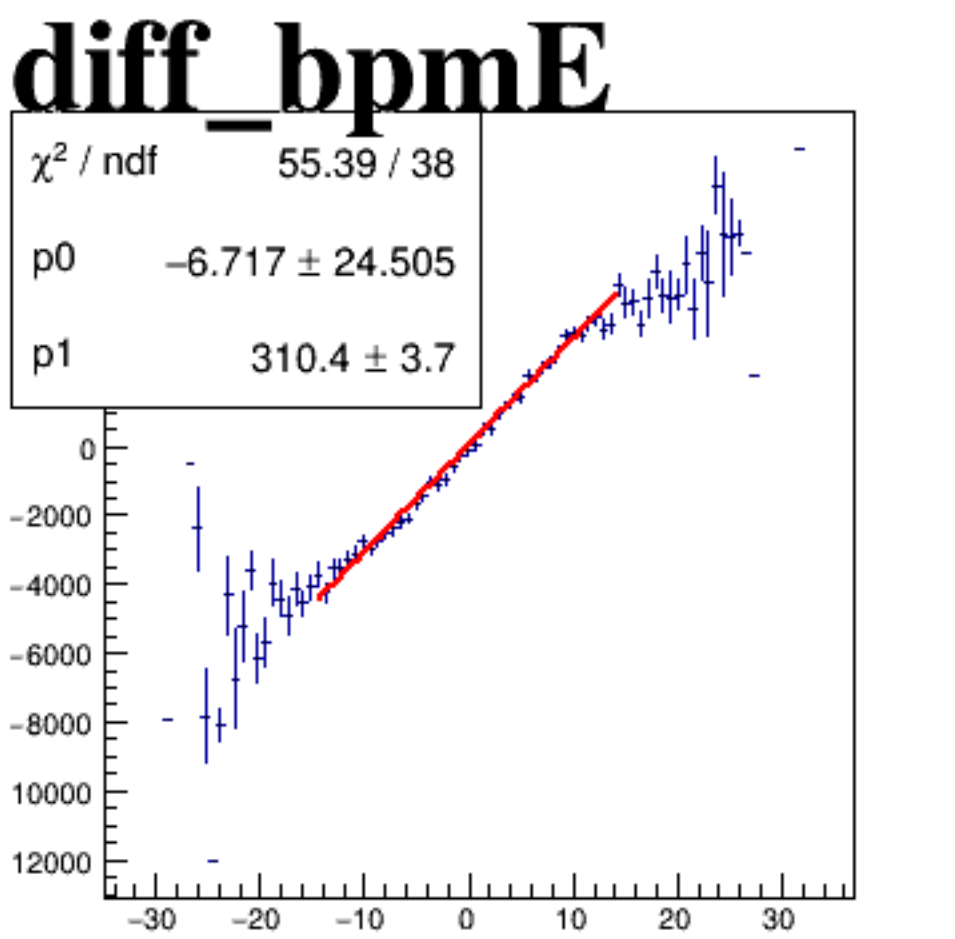
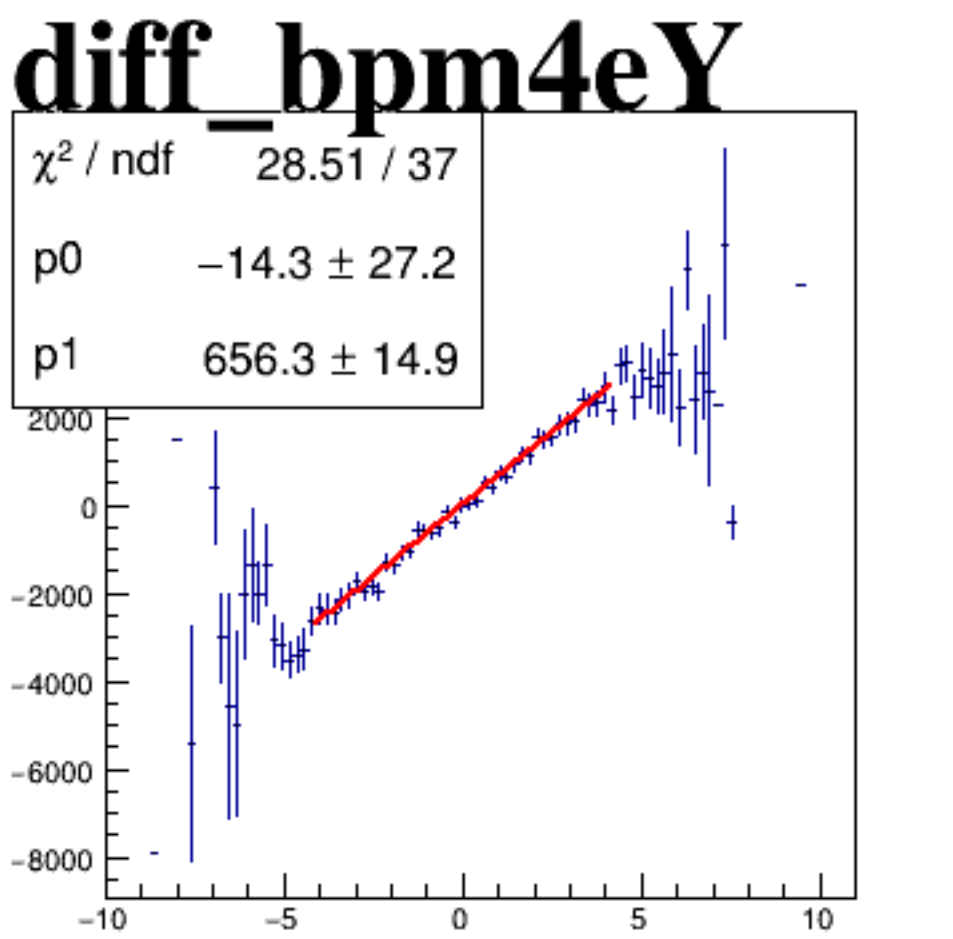
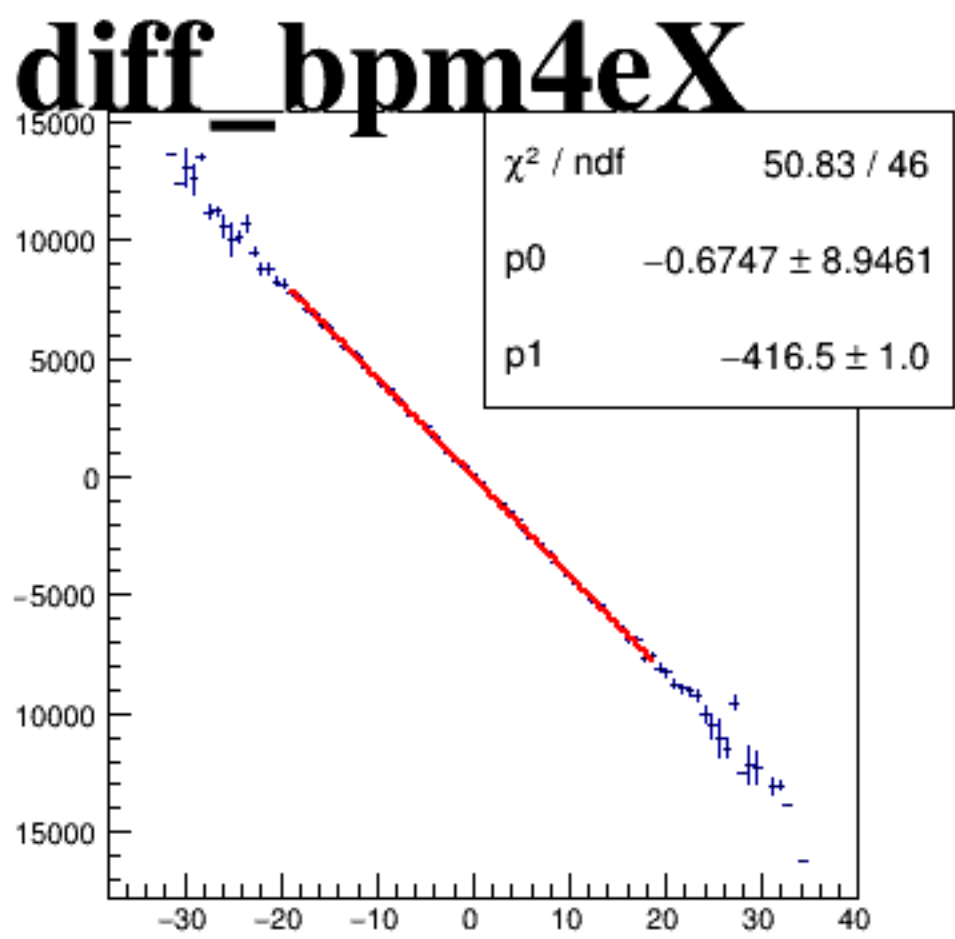
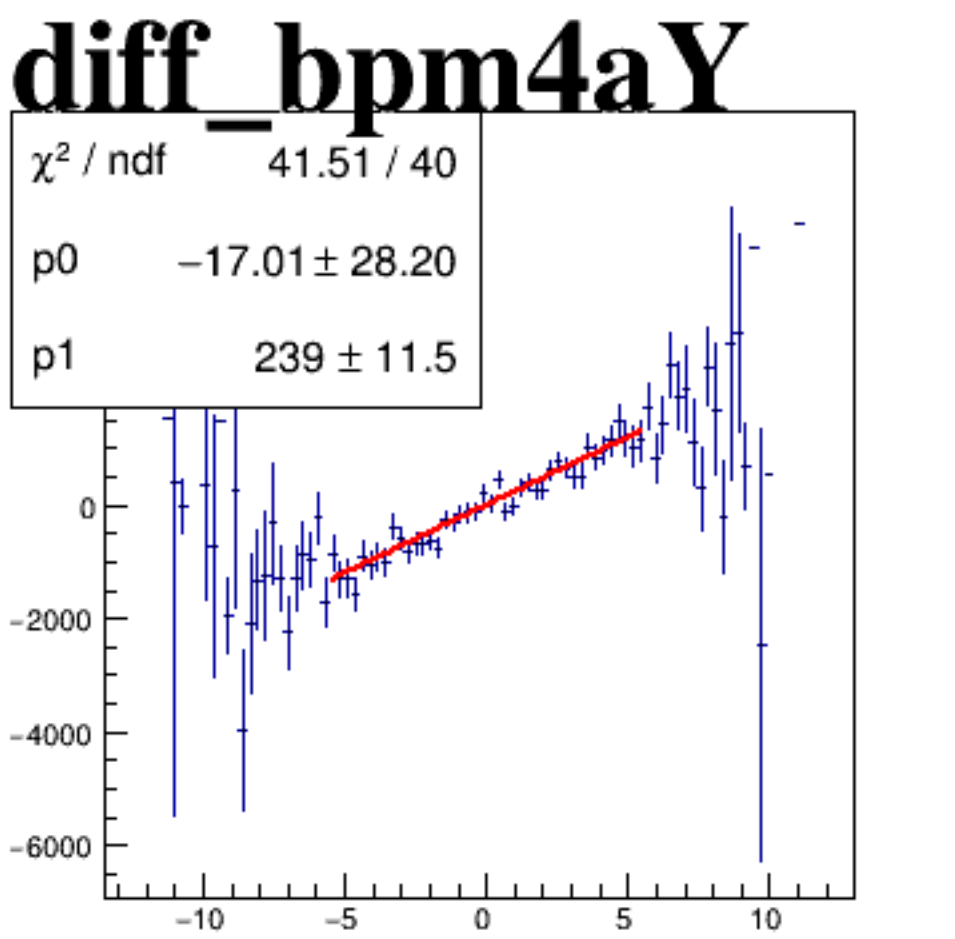
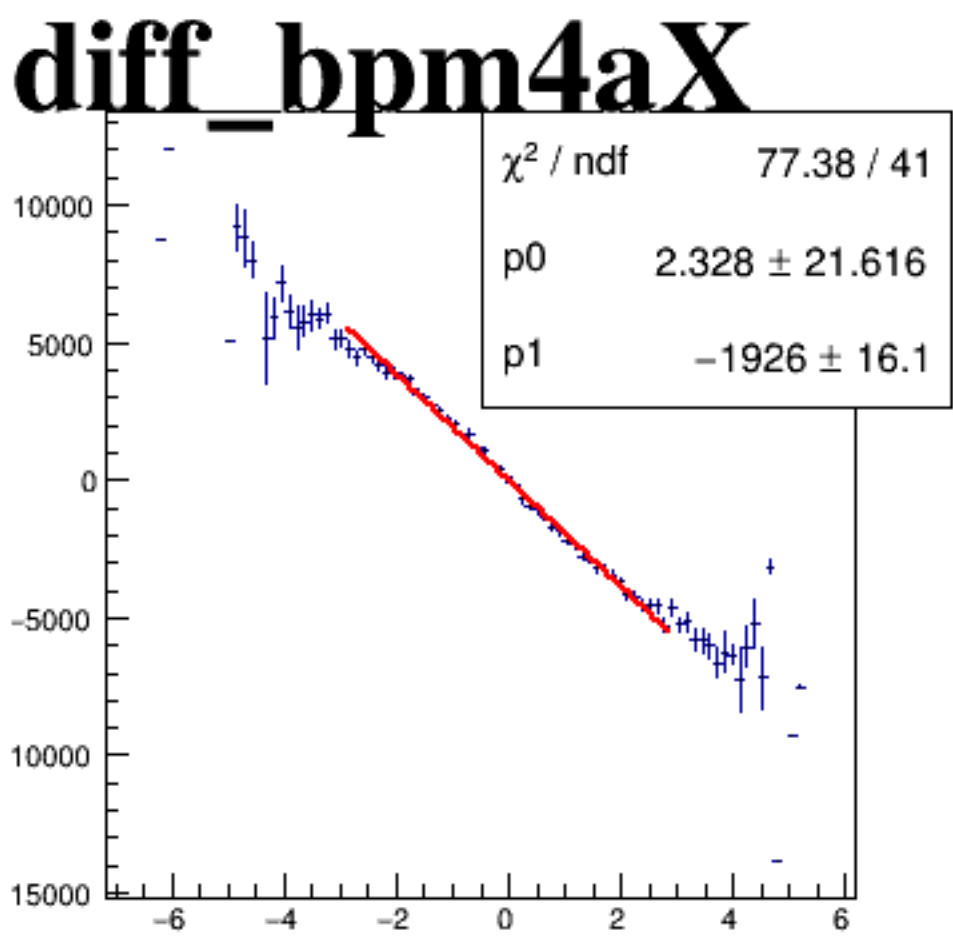
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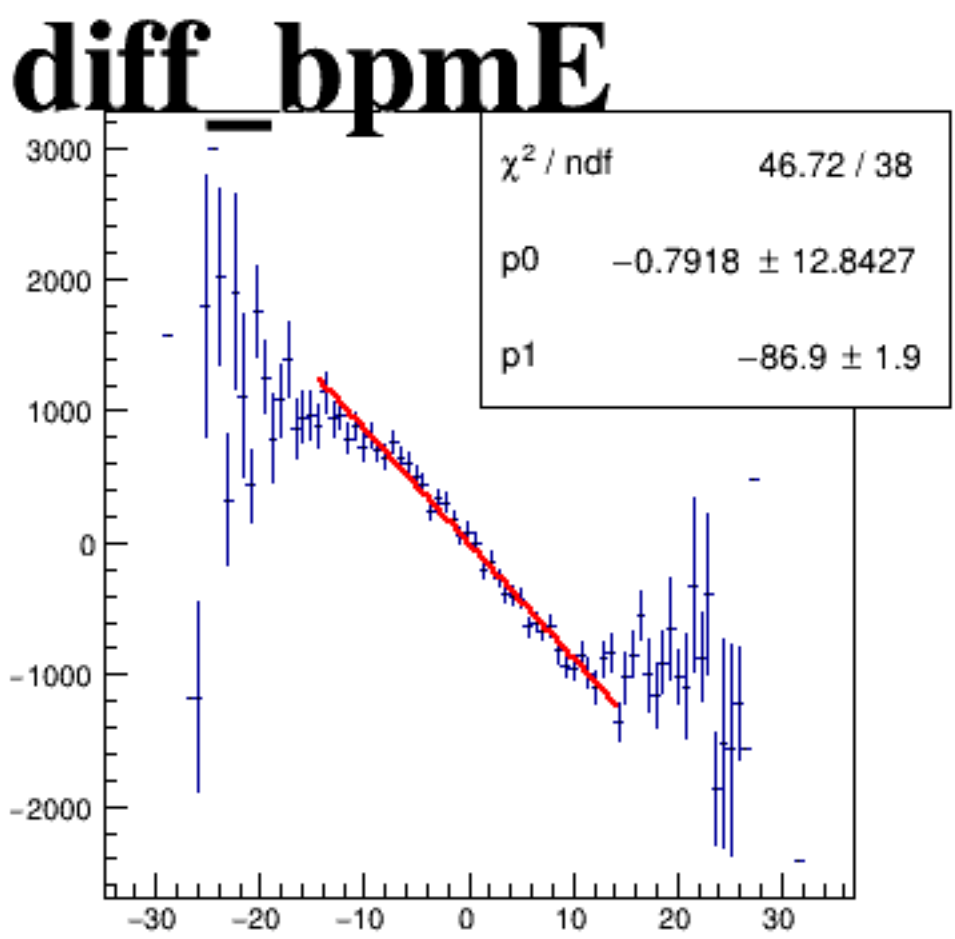
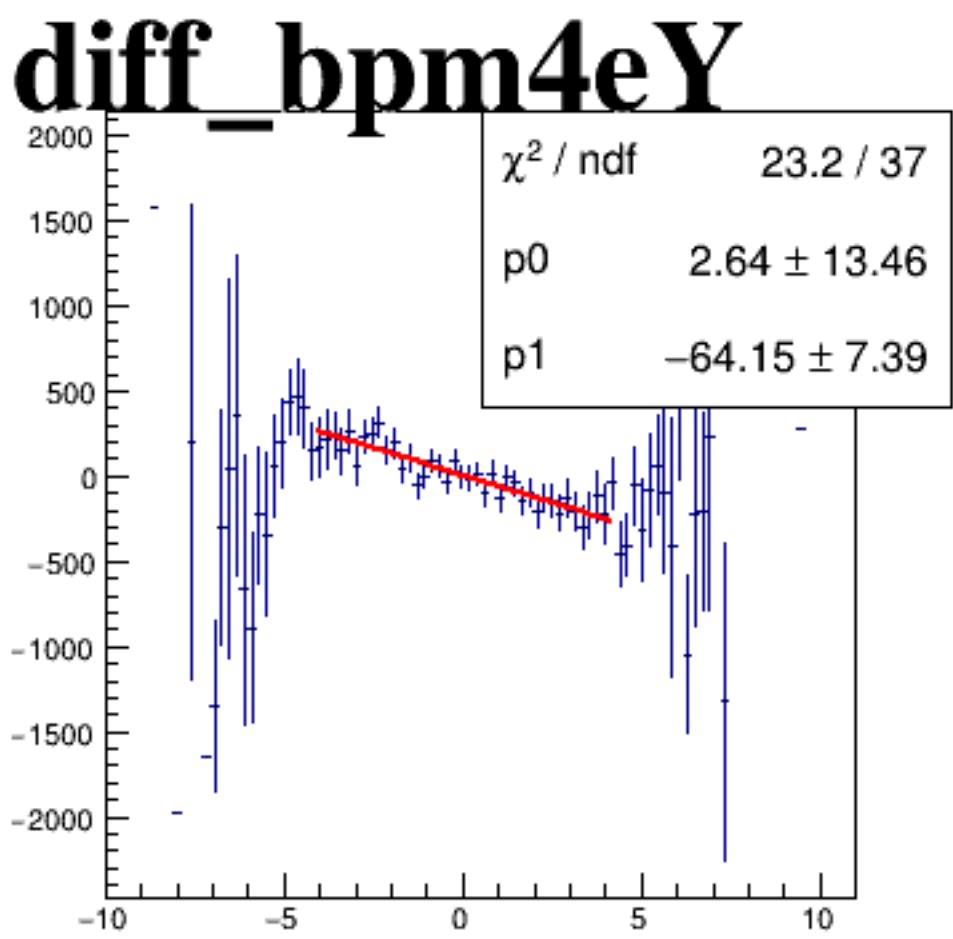
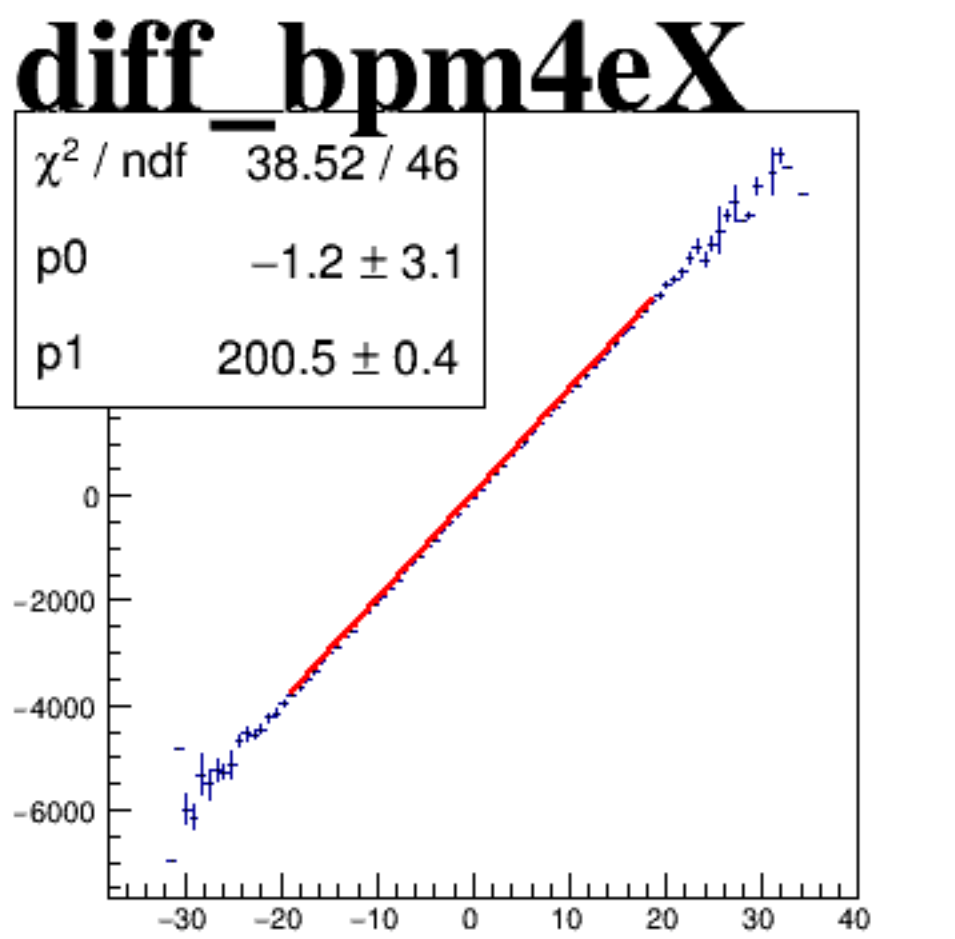
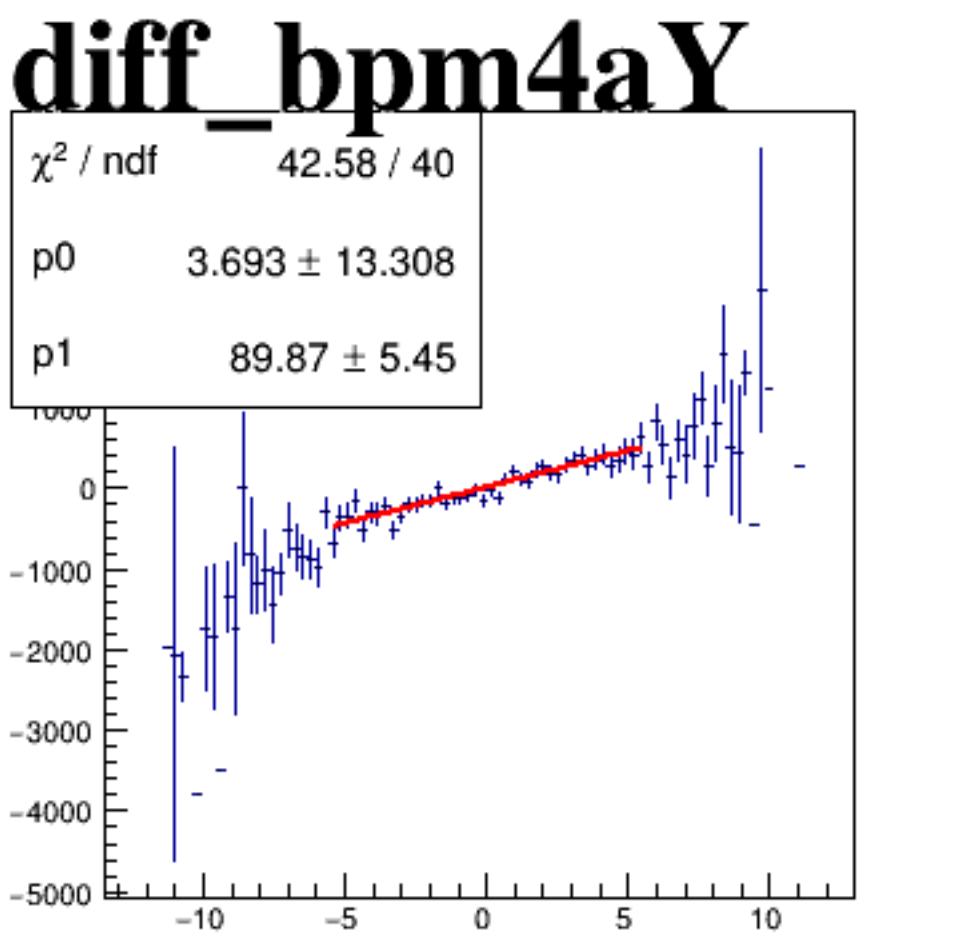
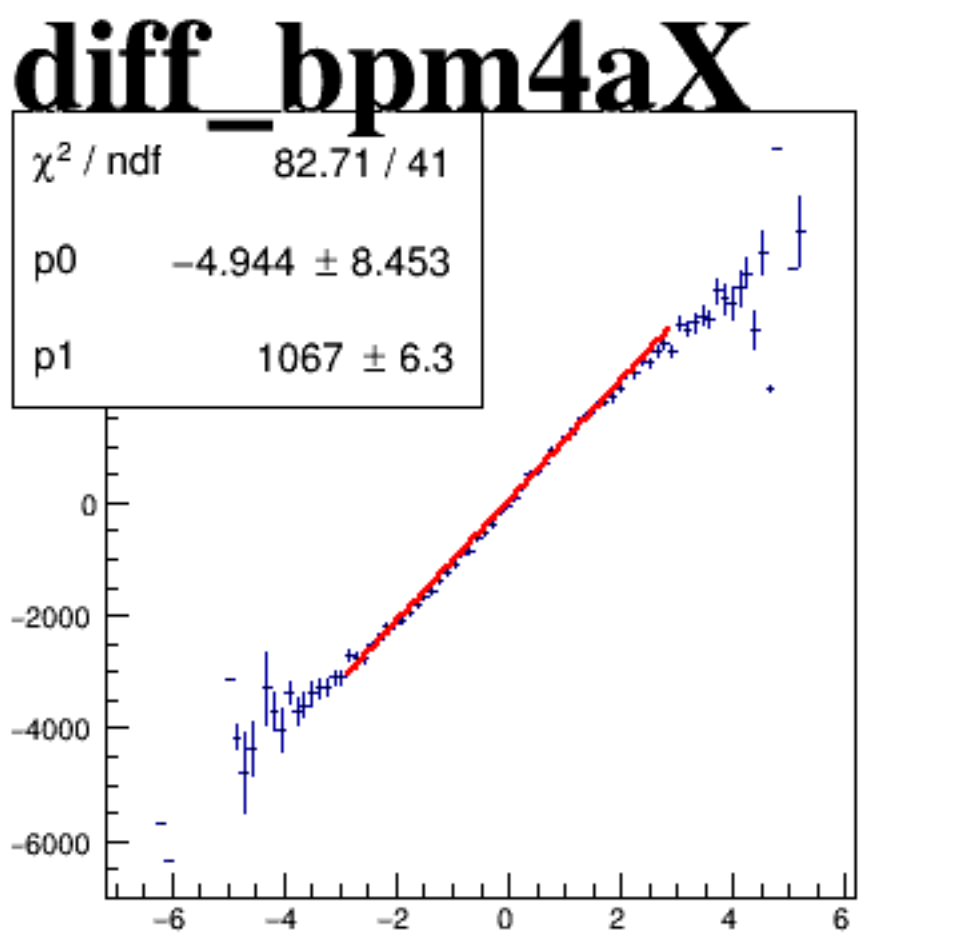
asym_sam2



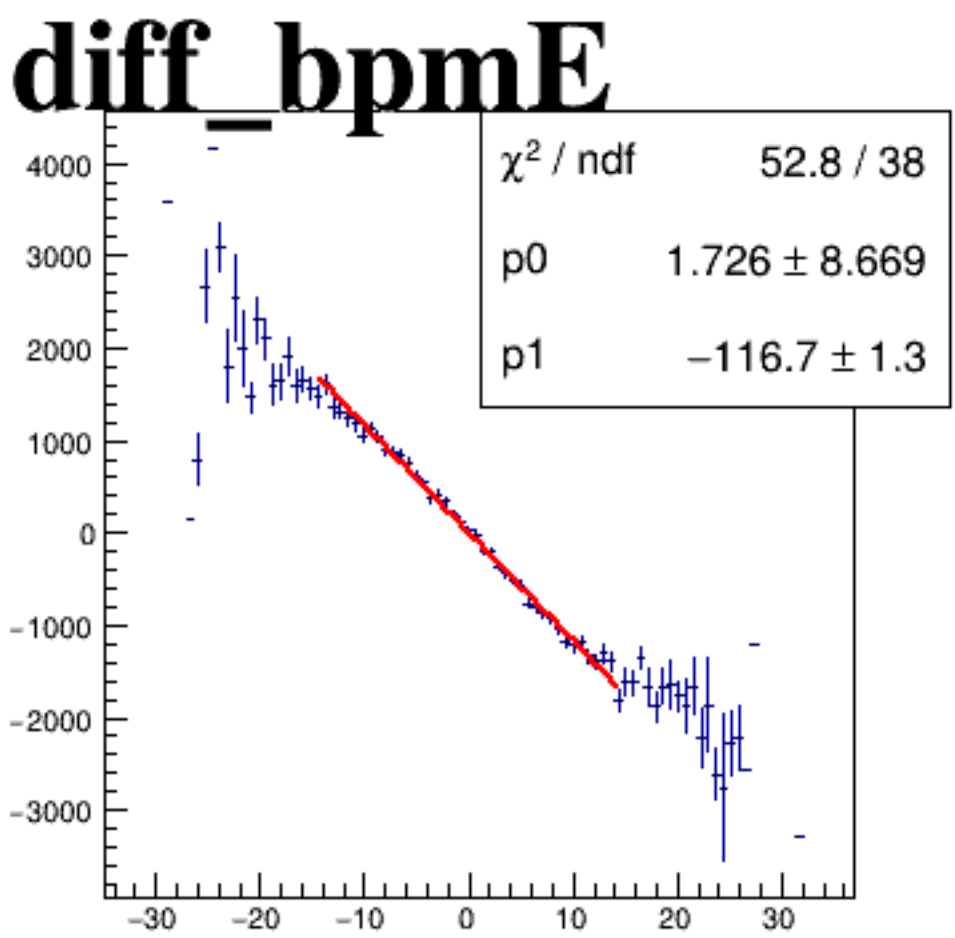
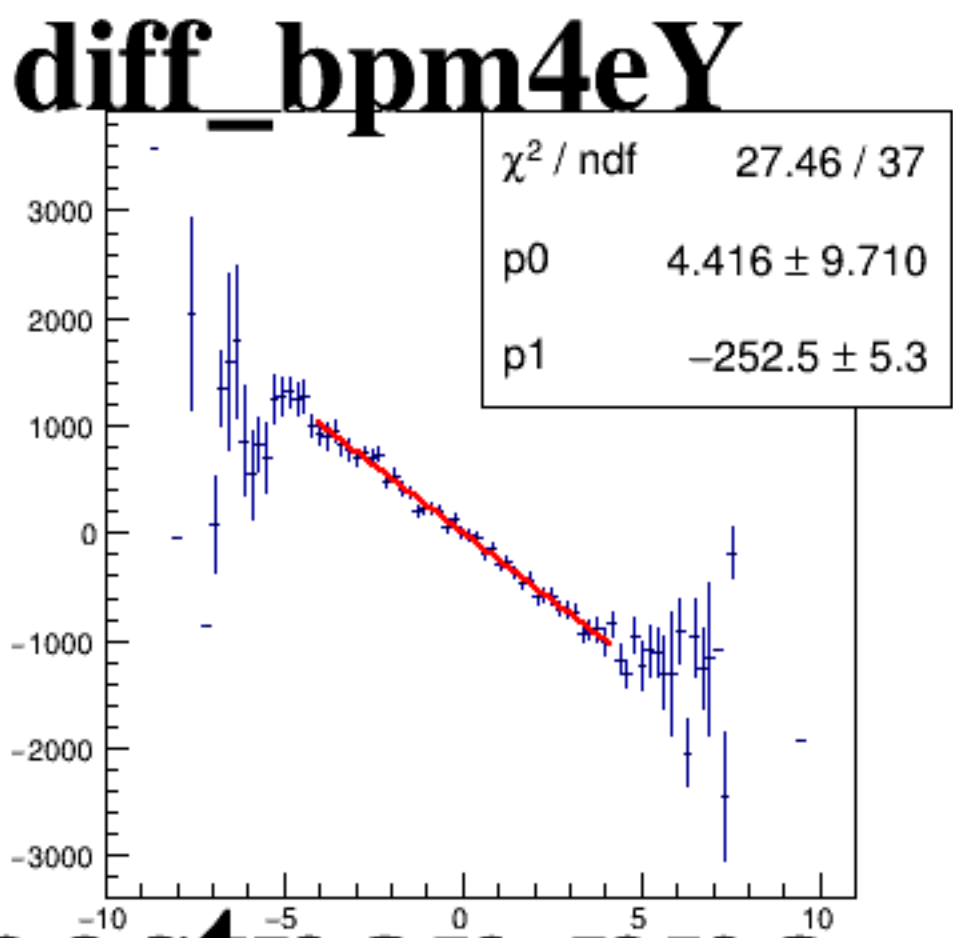
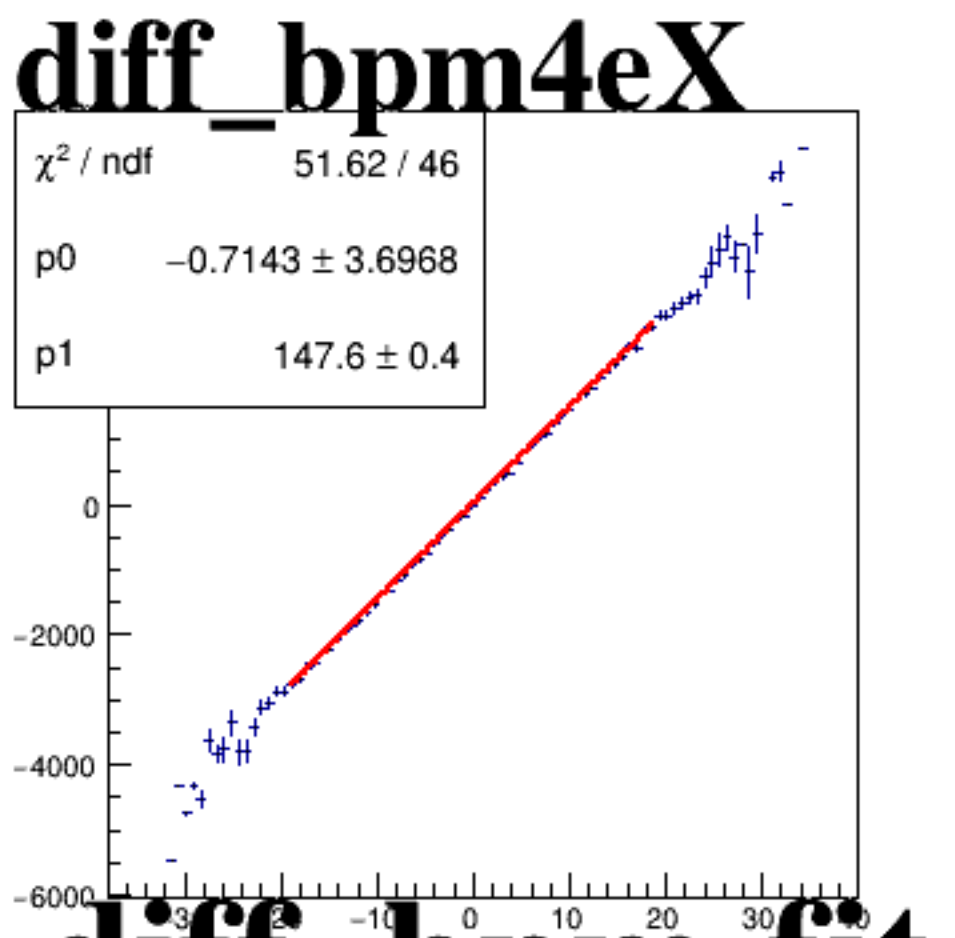
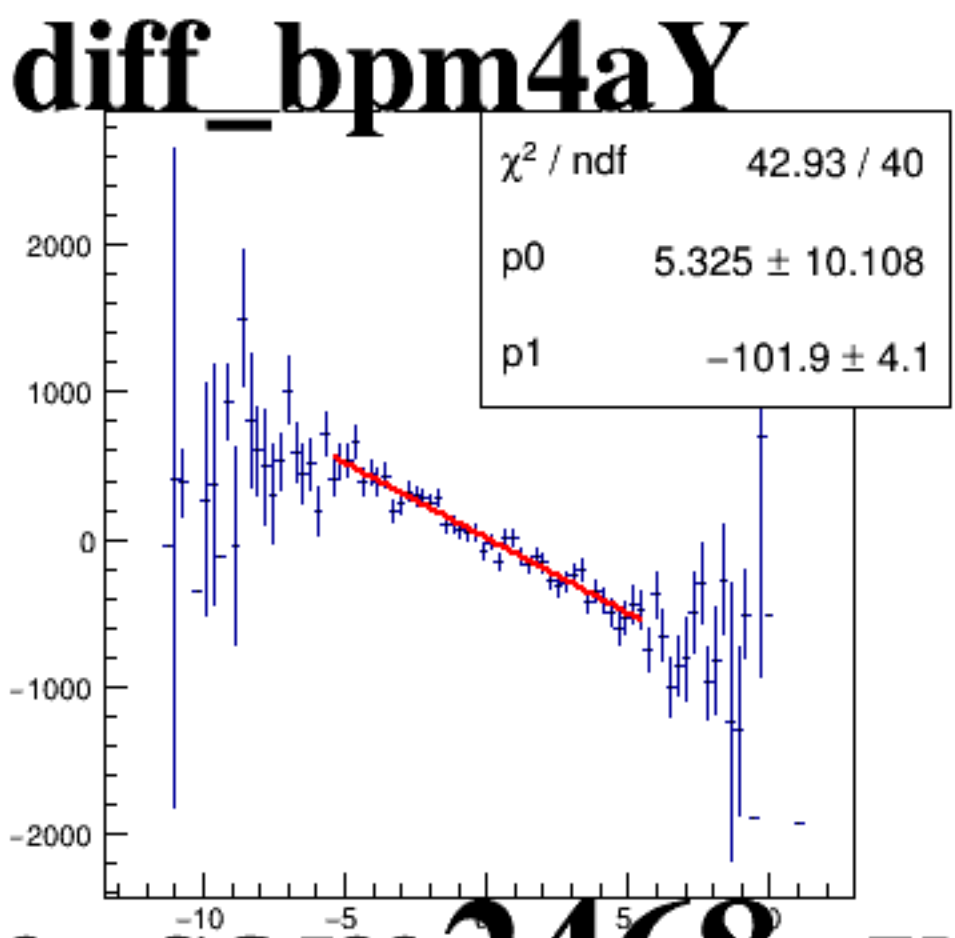
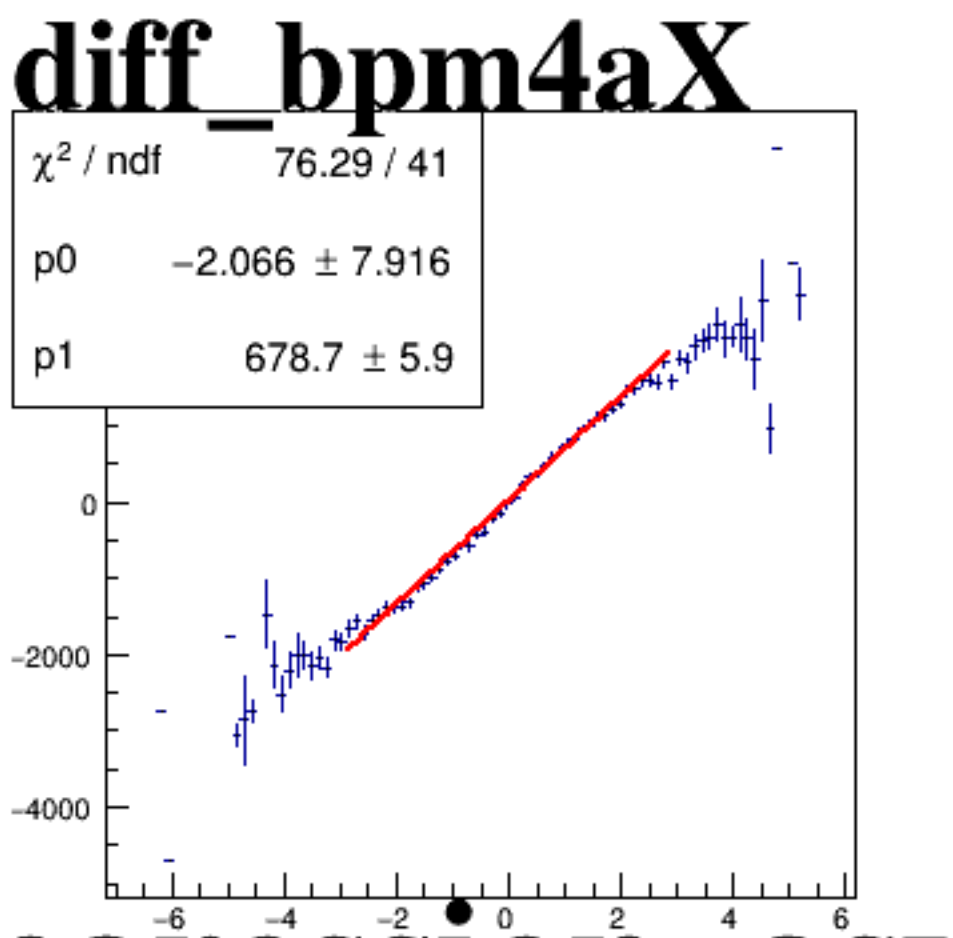
asym_sam4



asym_sam6

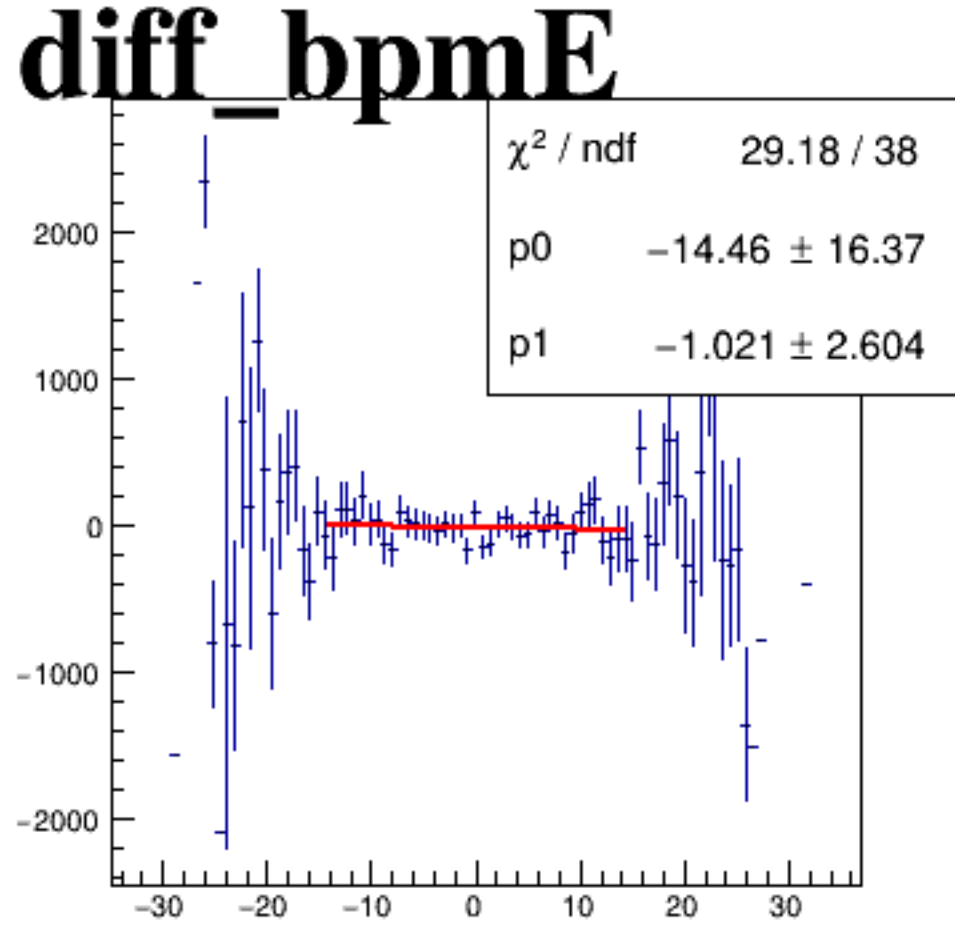
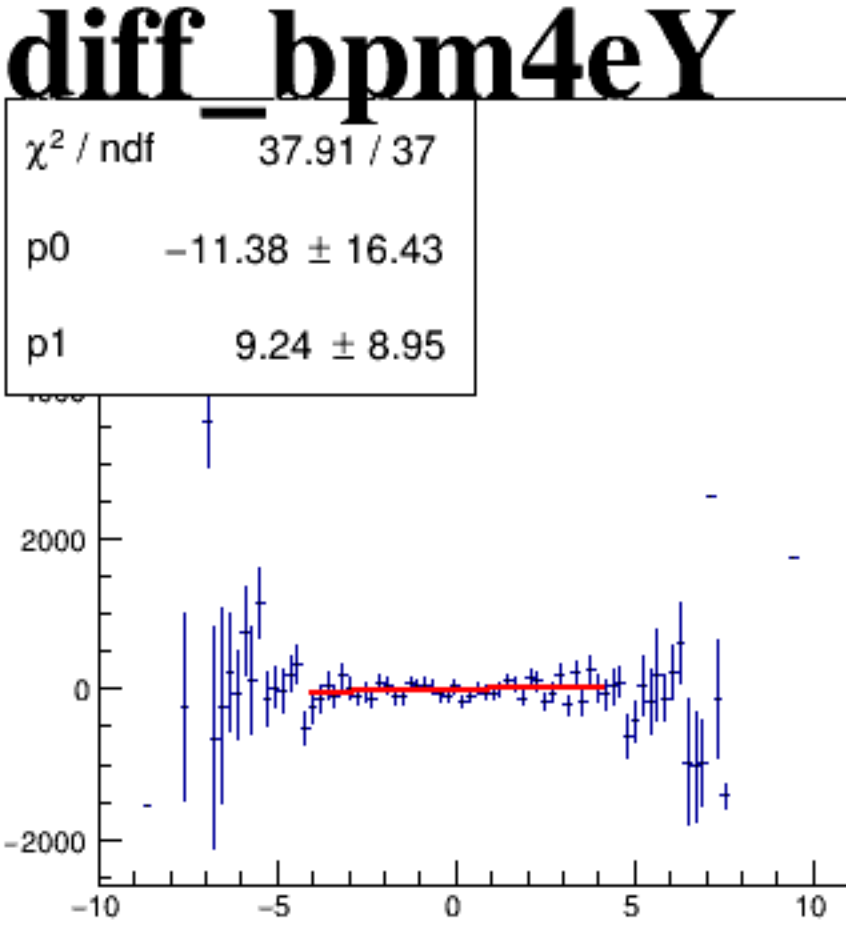
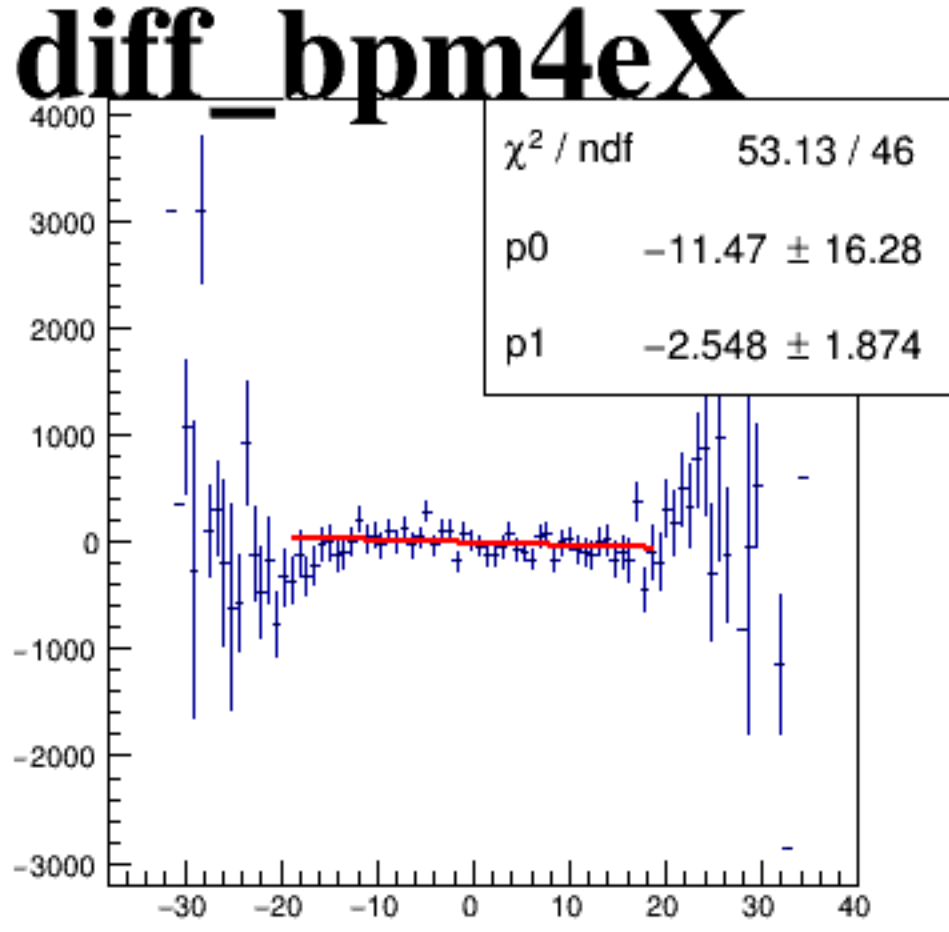
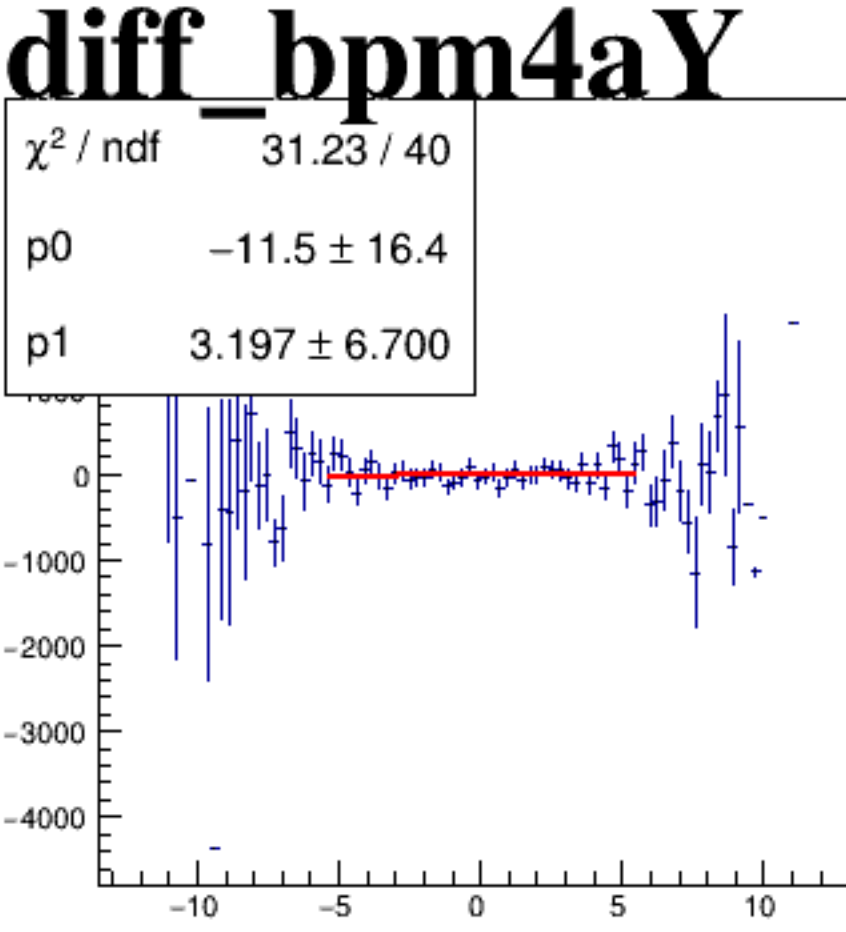
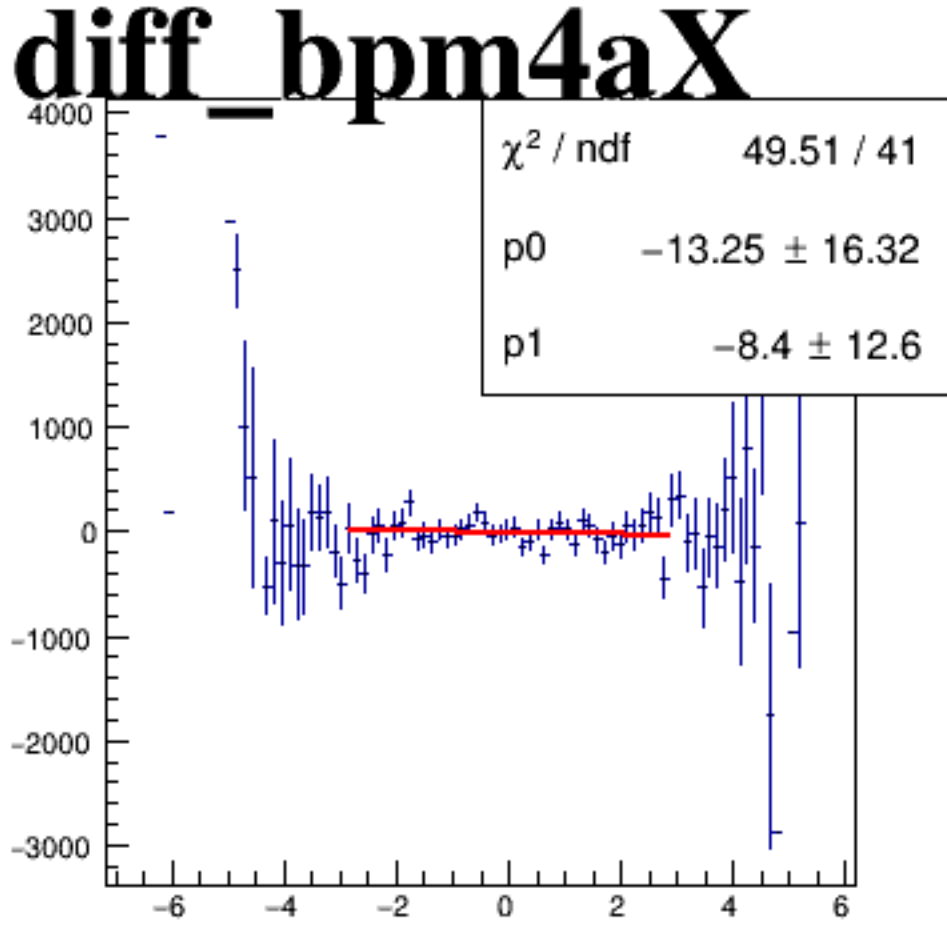


asym_sam8

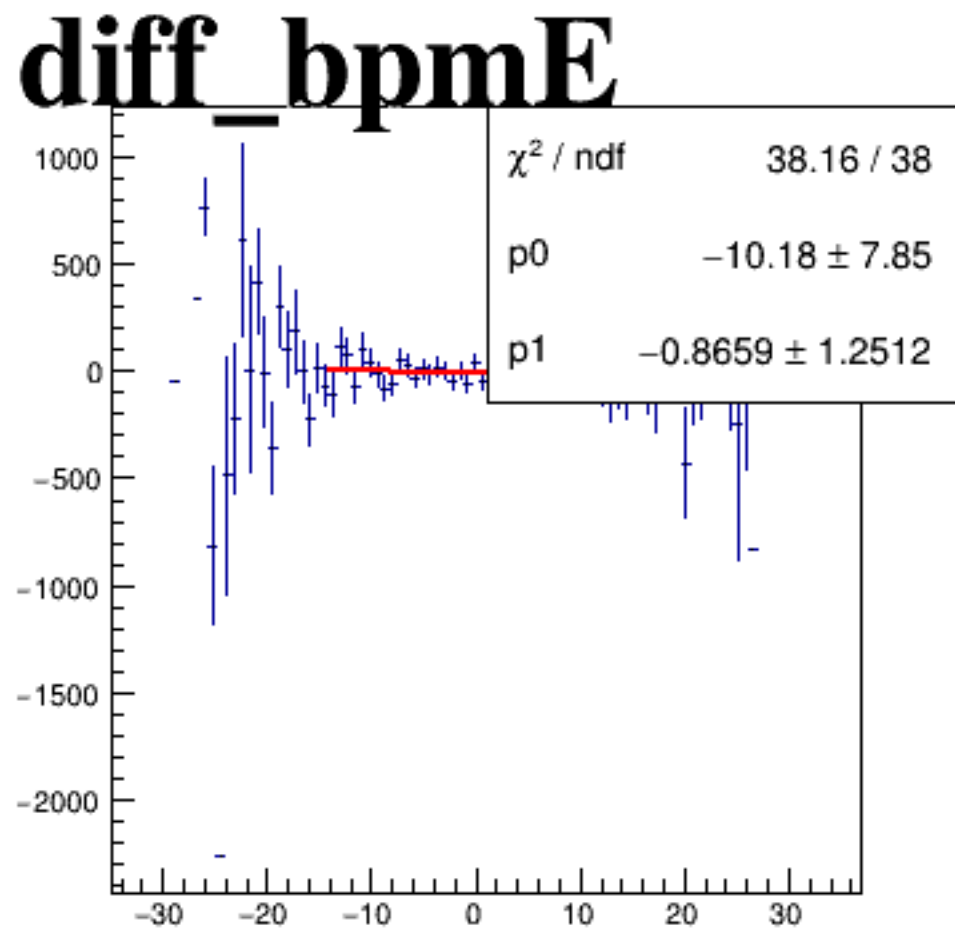
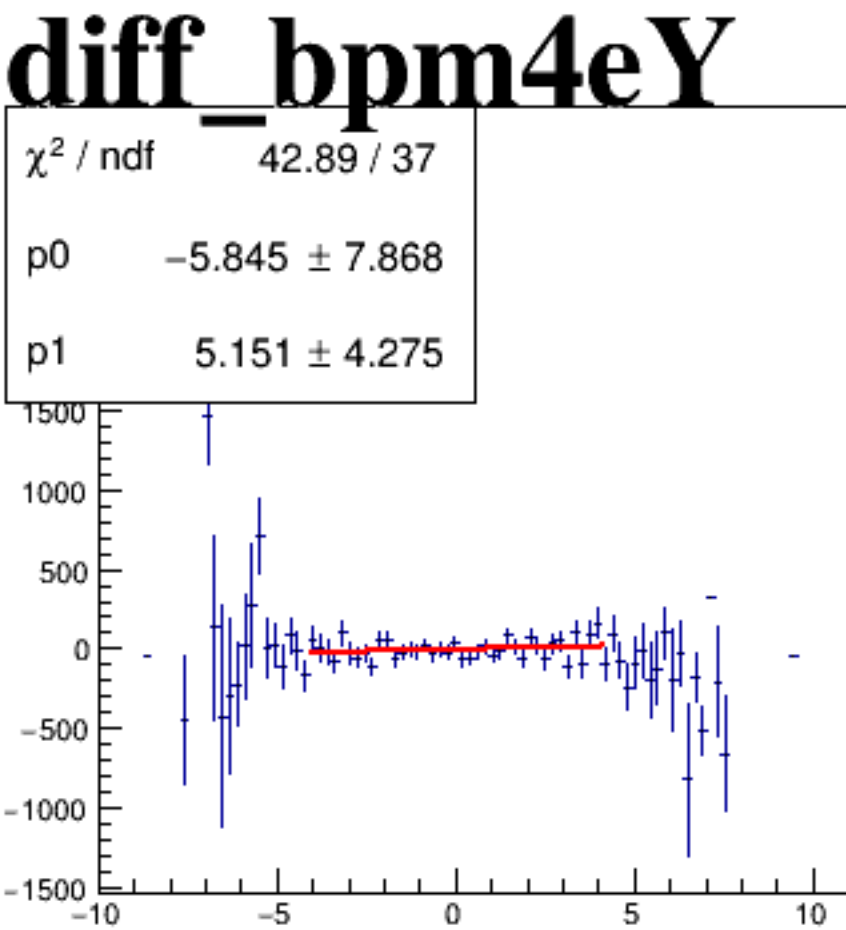
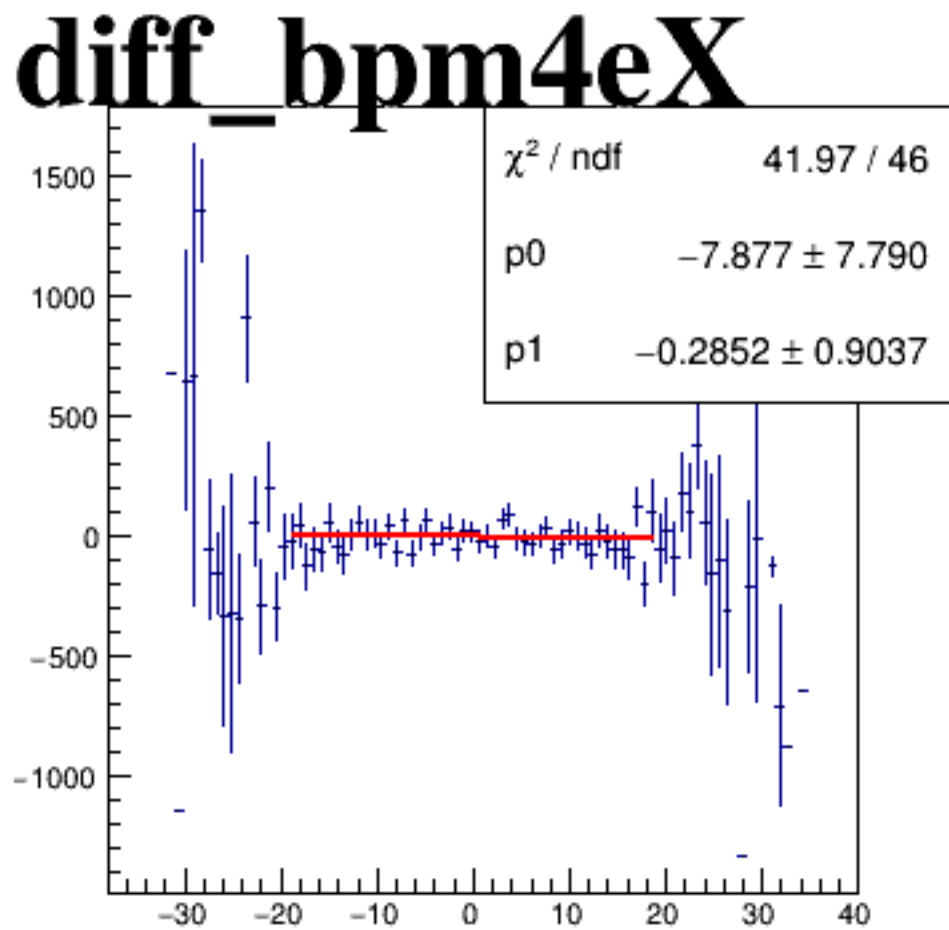
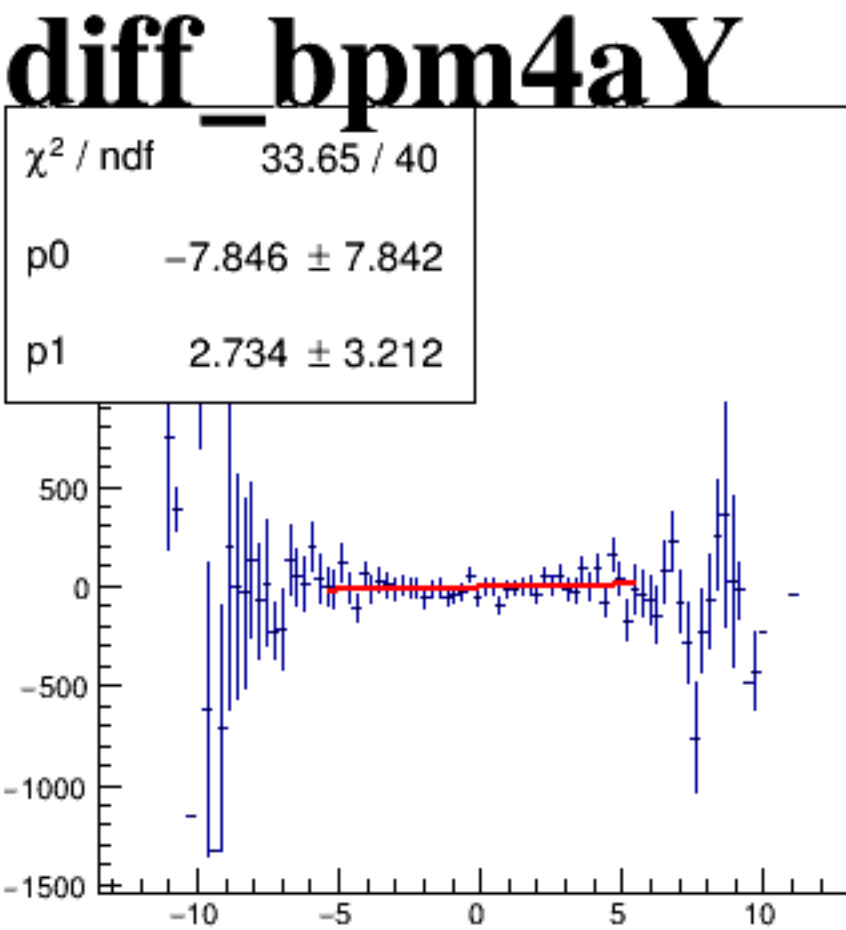
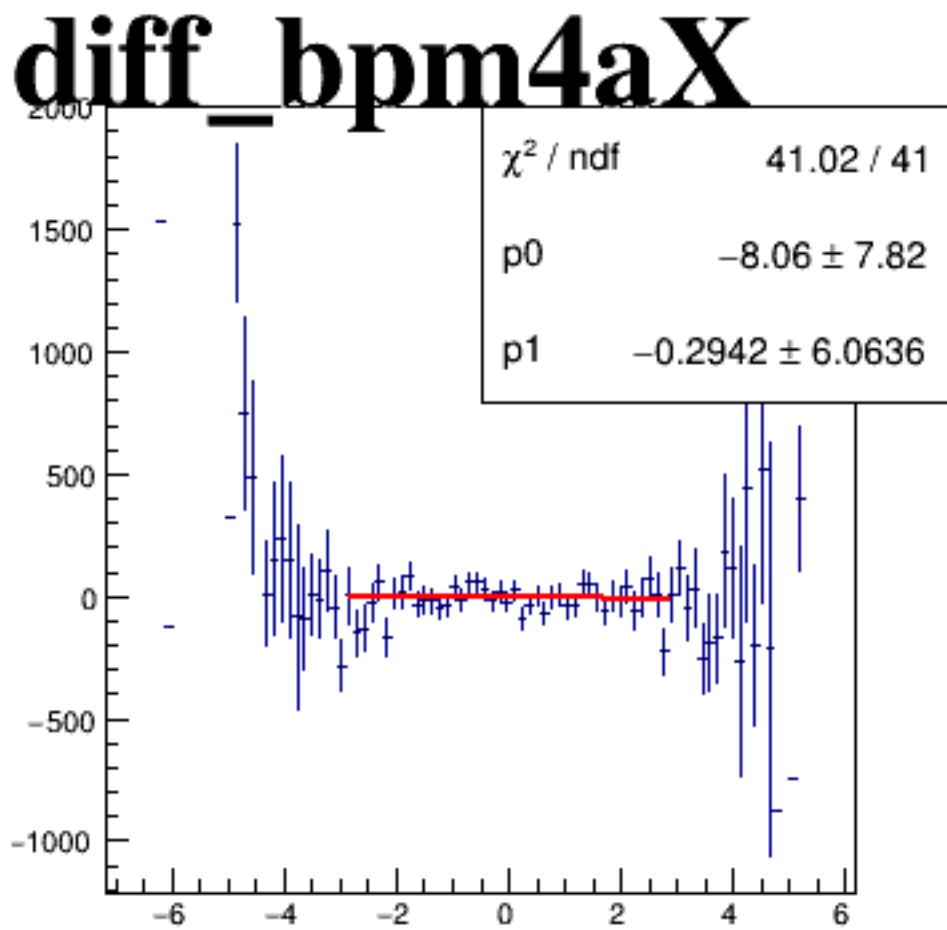


run4752_000_regression_asym_sam2468 vs diff_bpm-fit_postpan.png

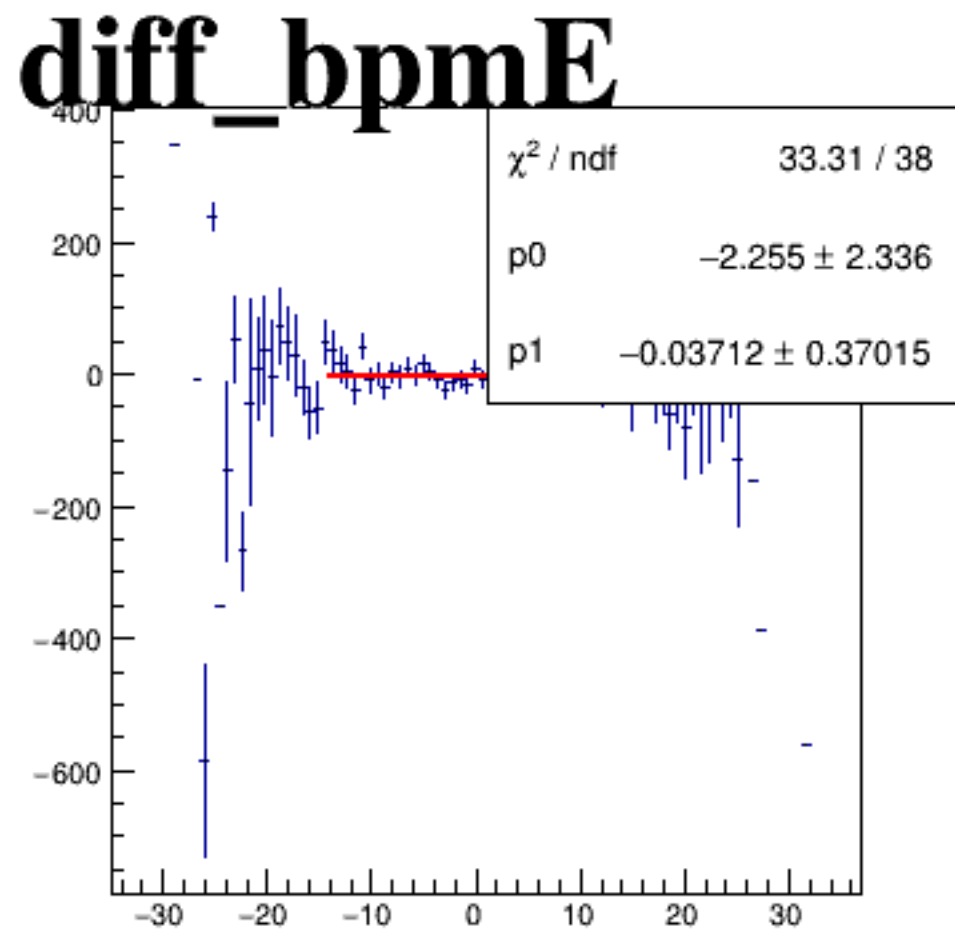
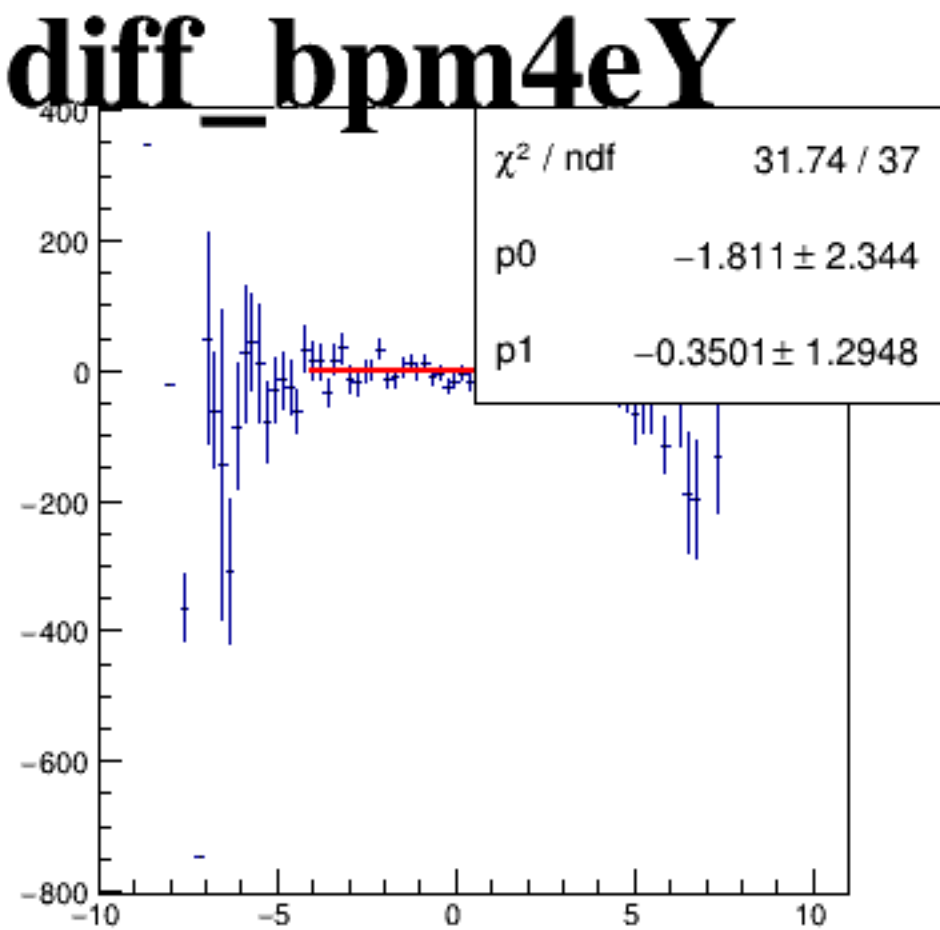
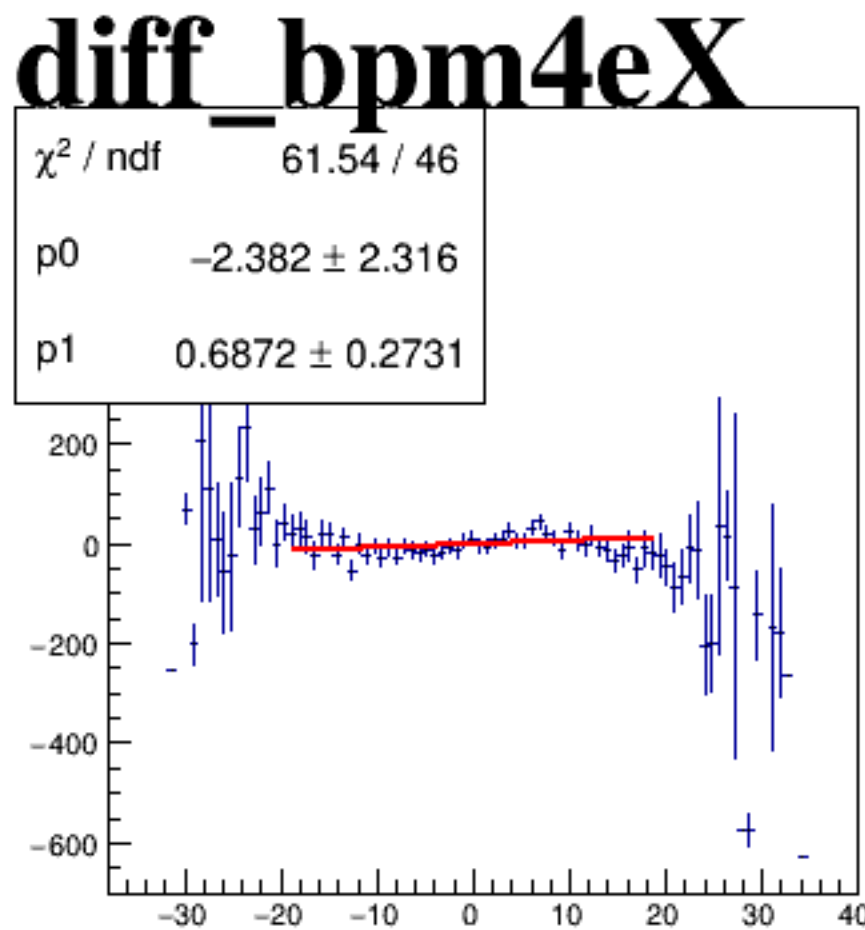
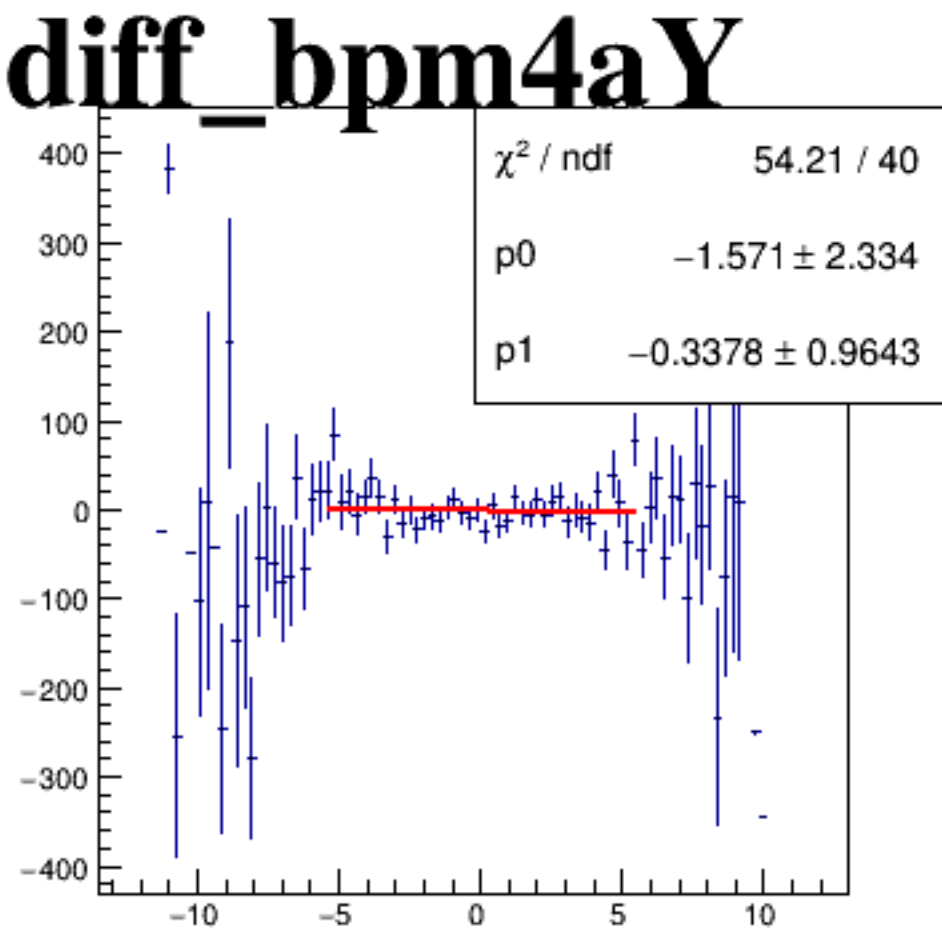
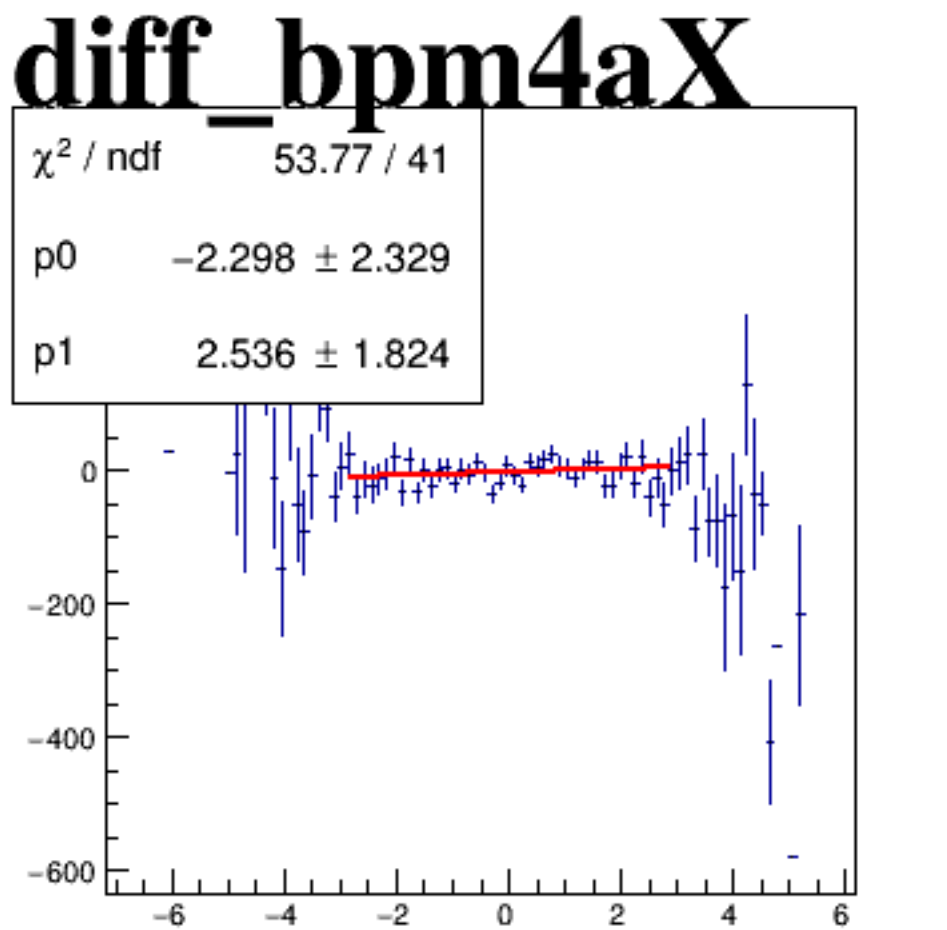
reg_asym_sam2



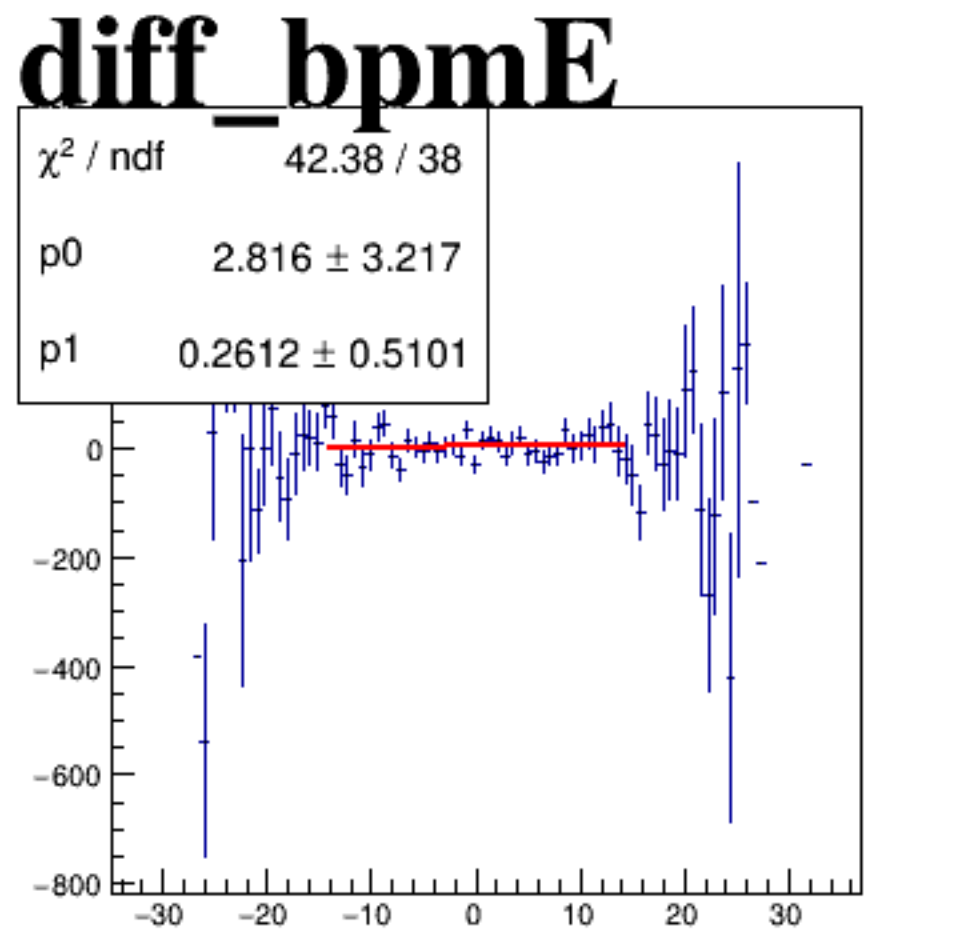
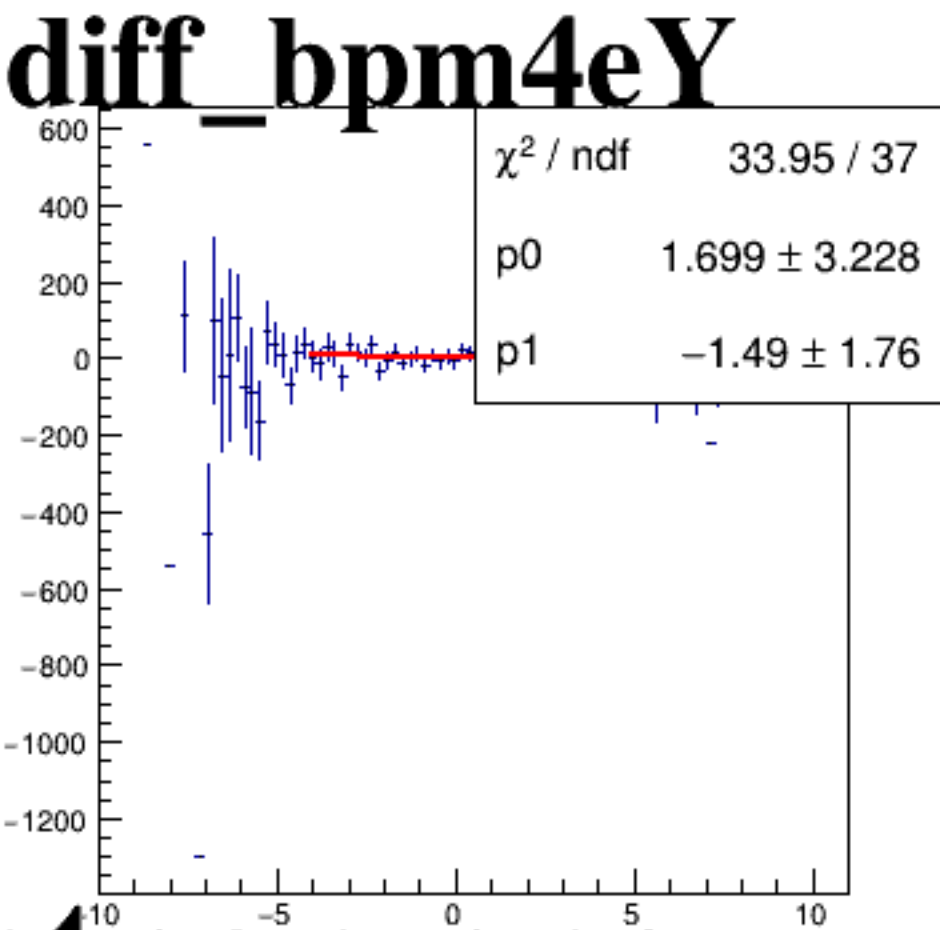
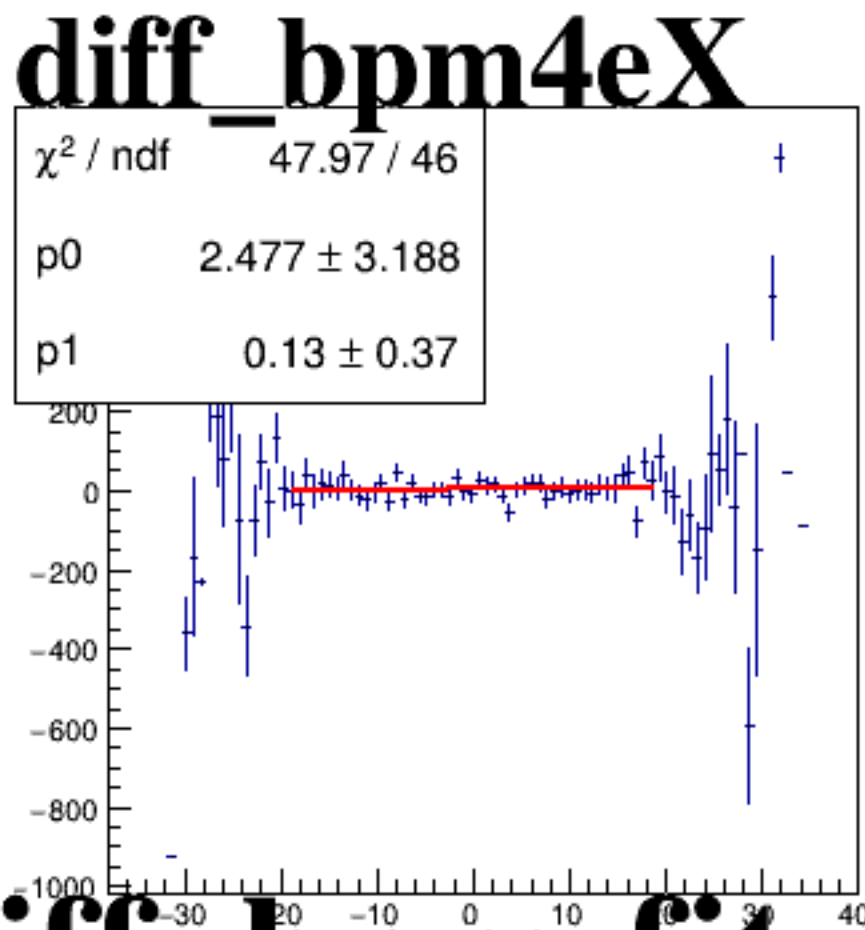
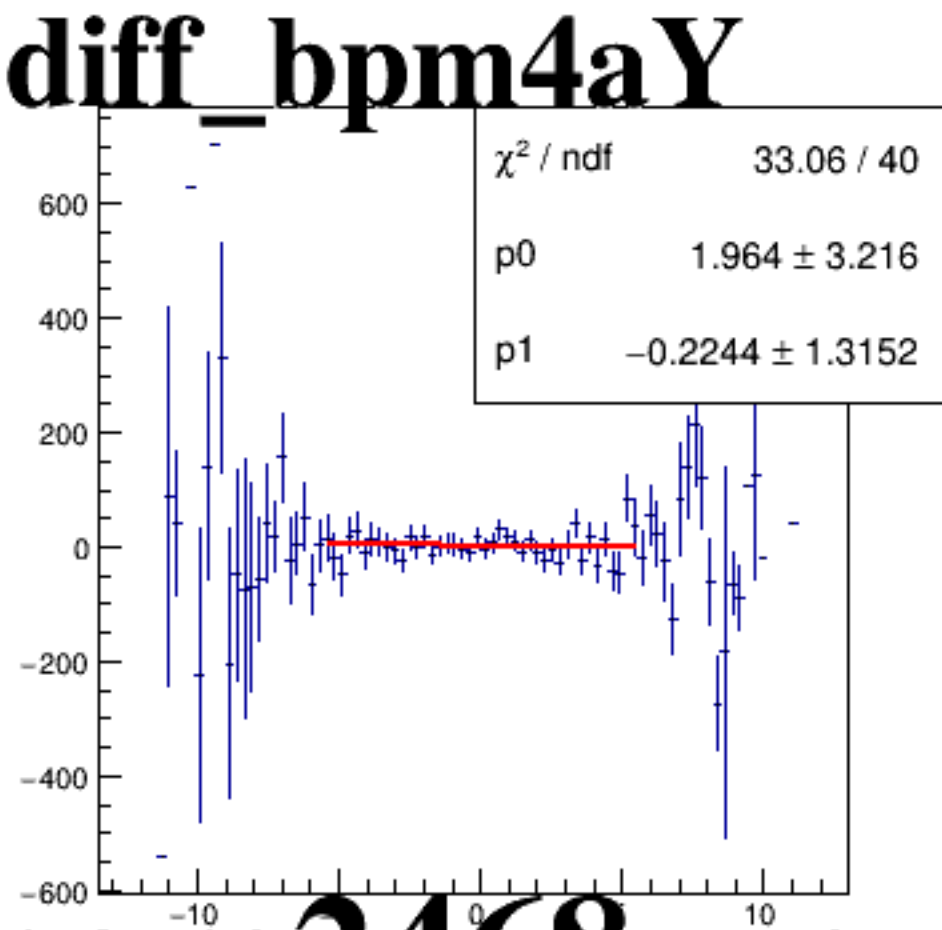
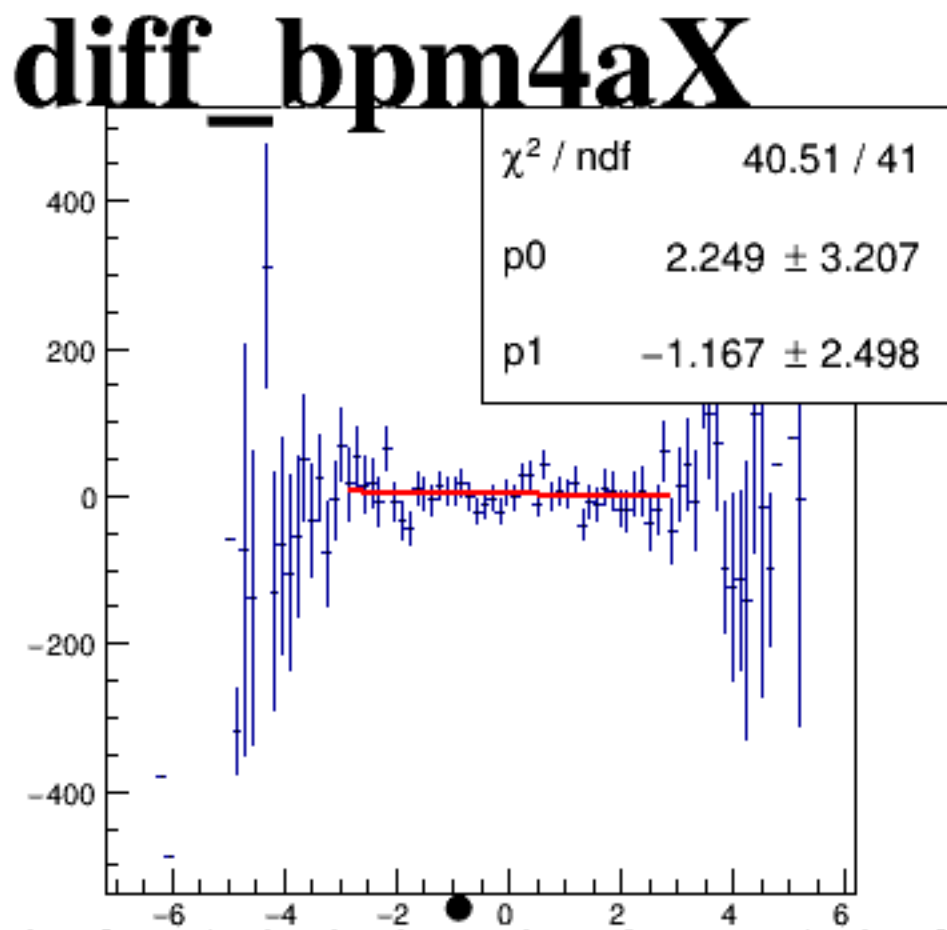
reg_asym_sam4



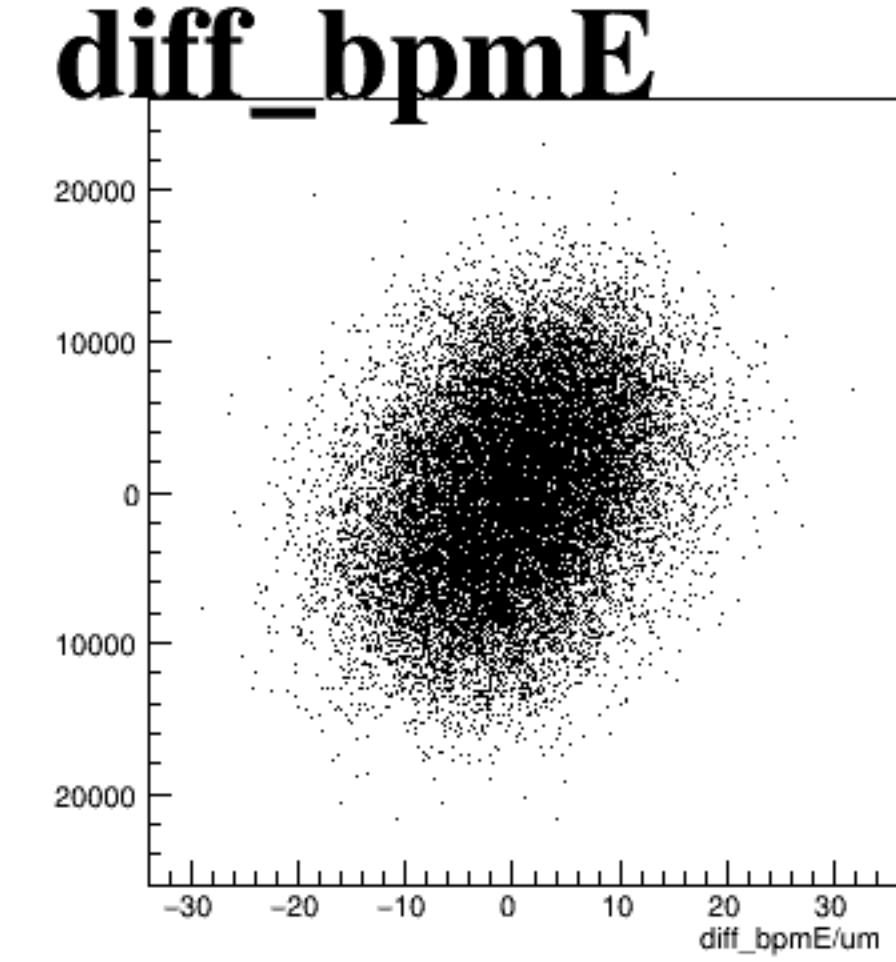
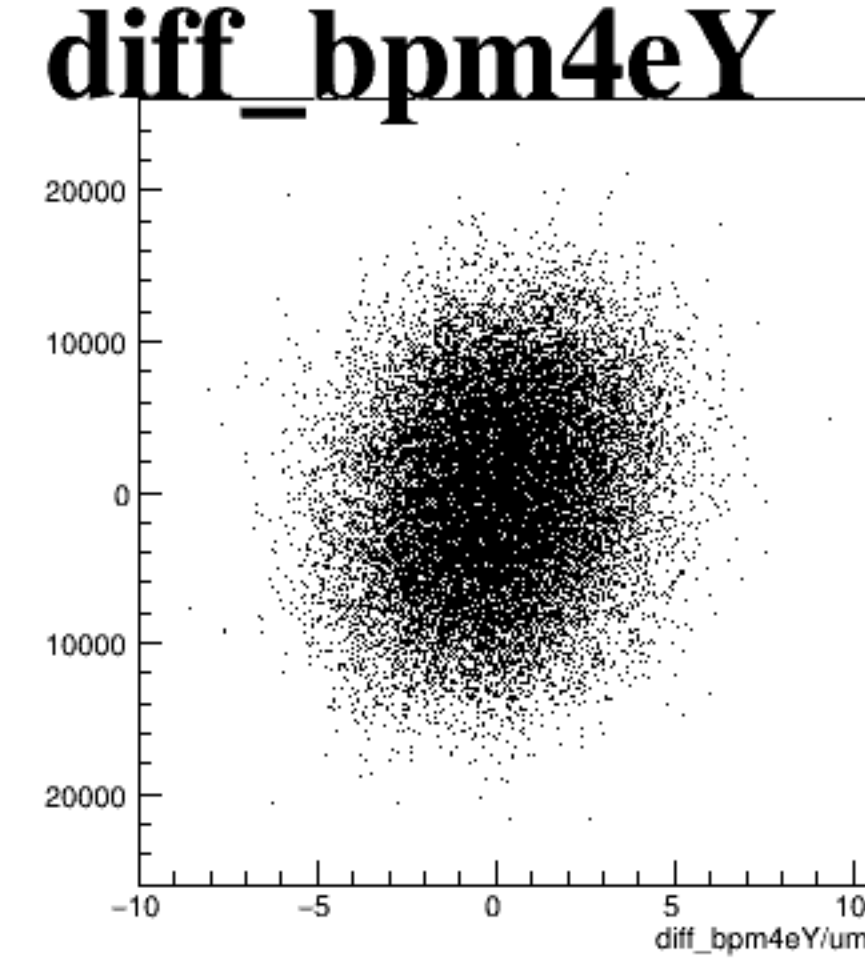
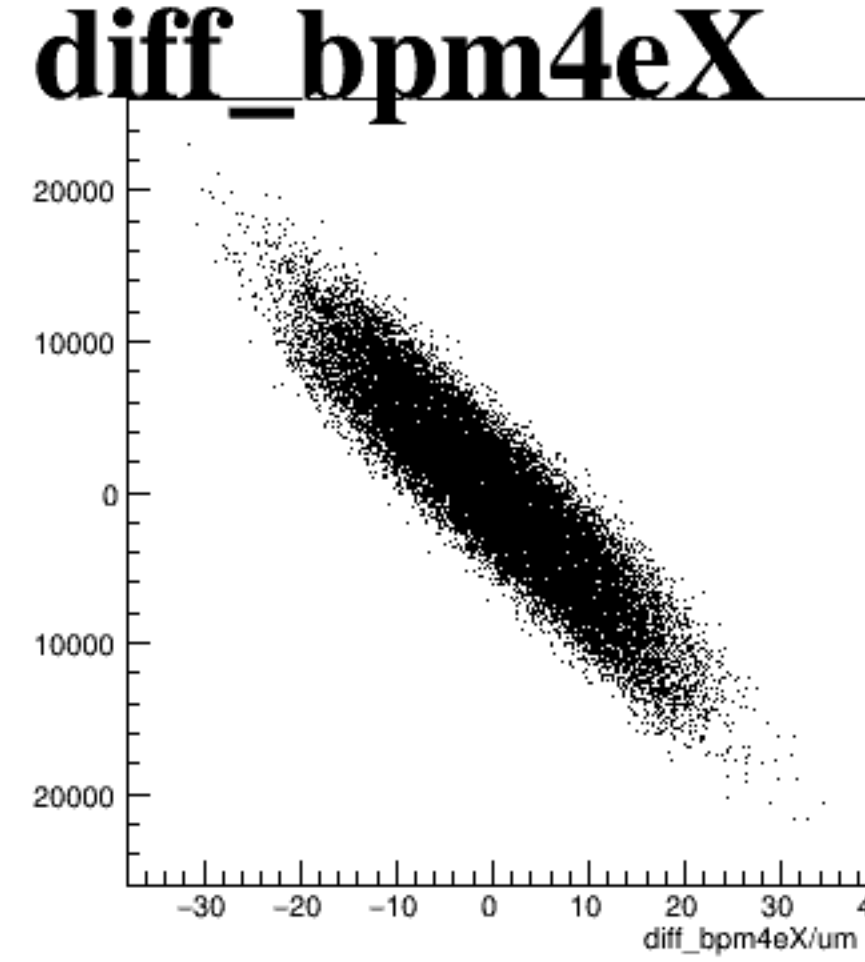
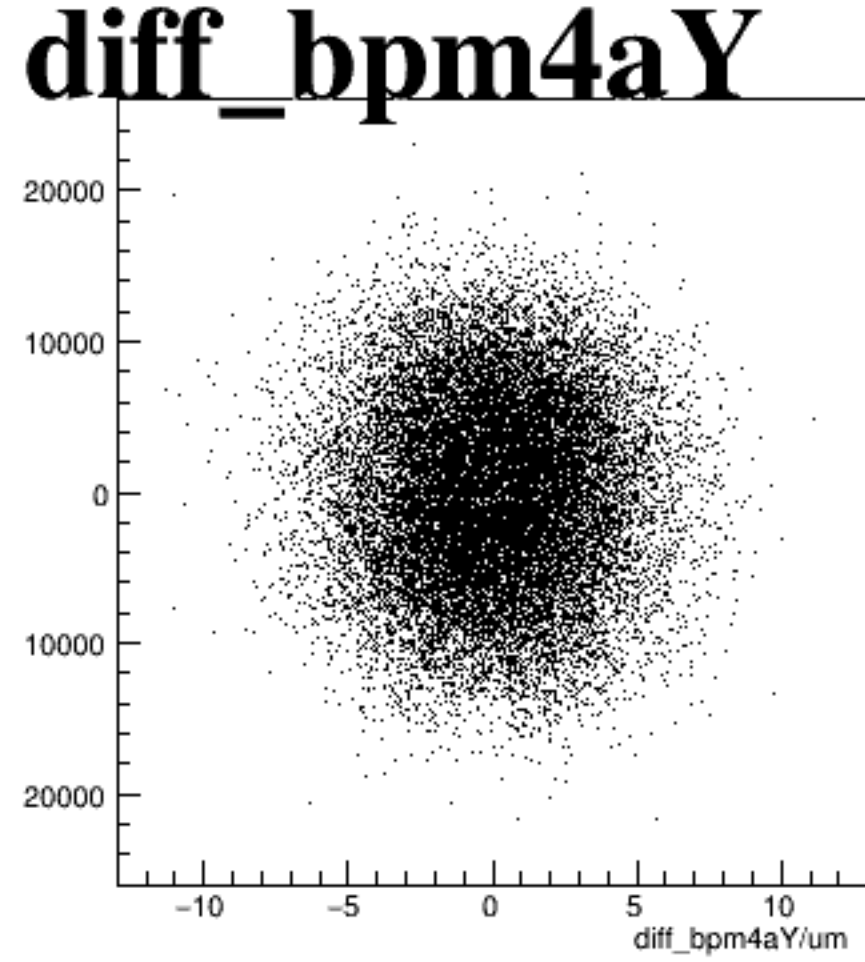
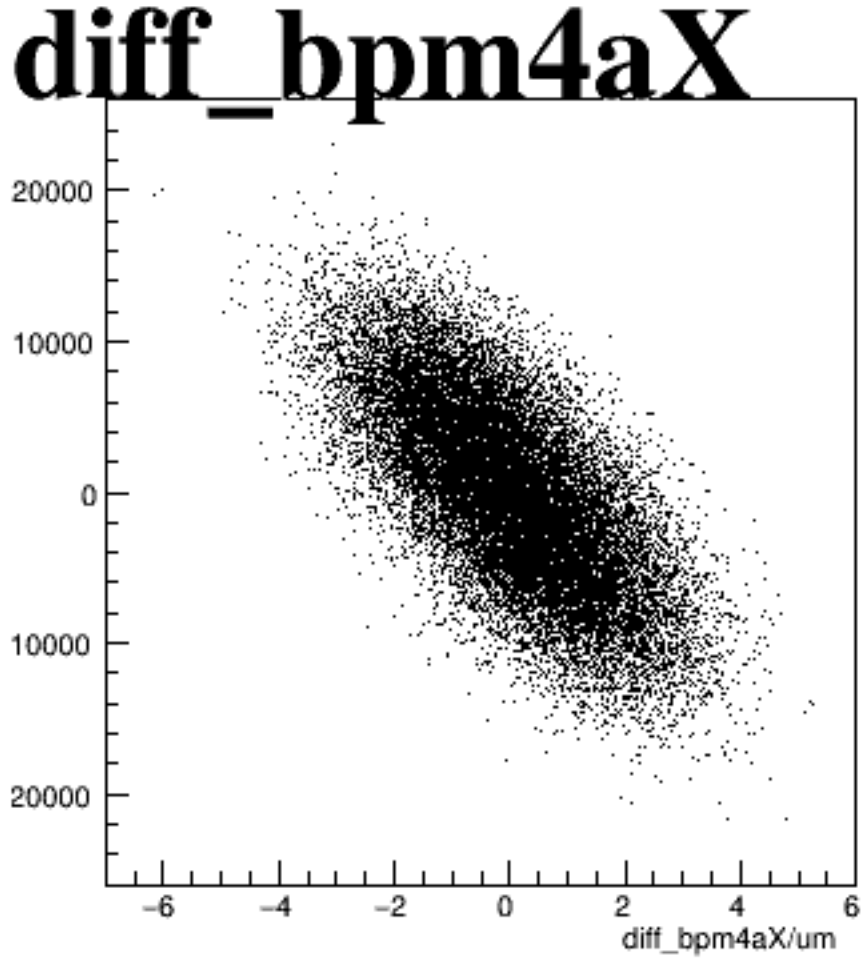
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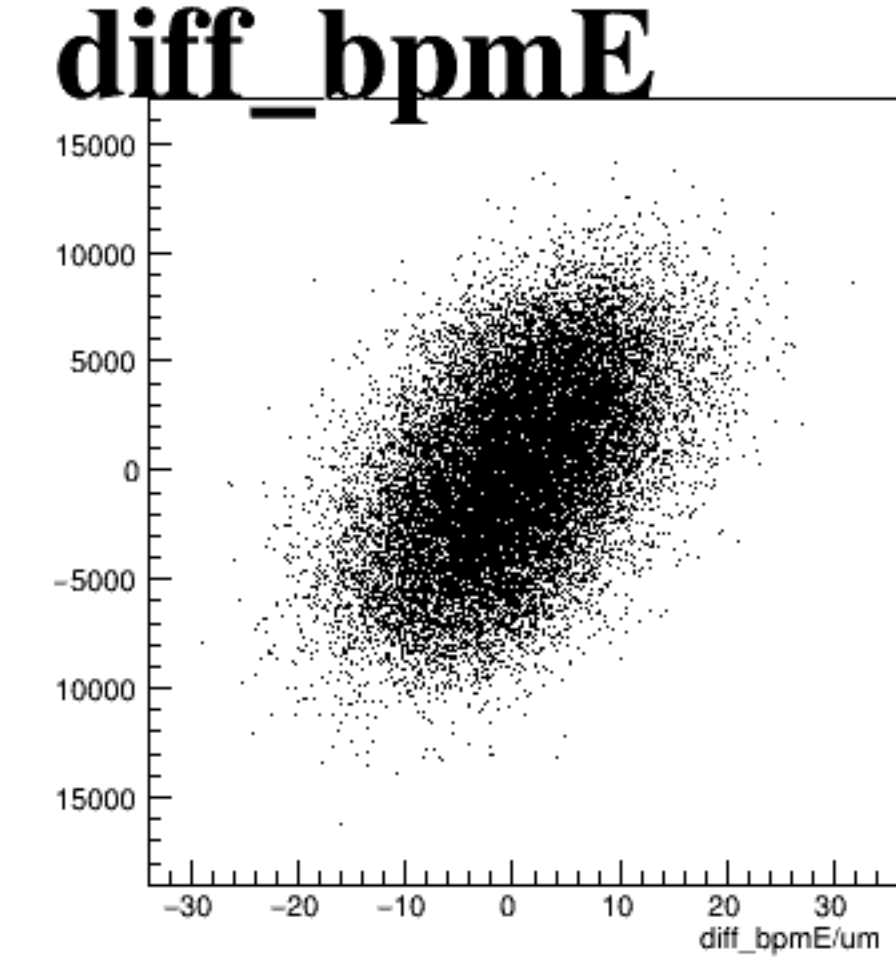
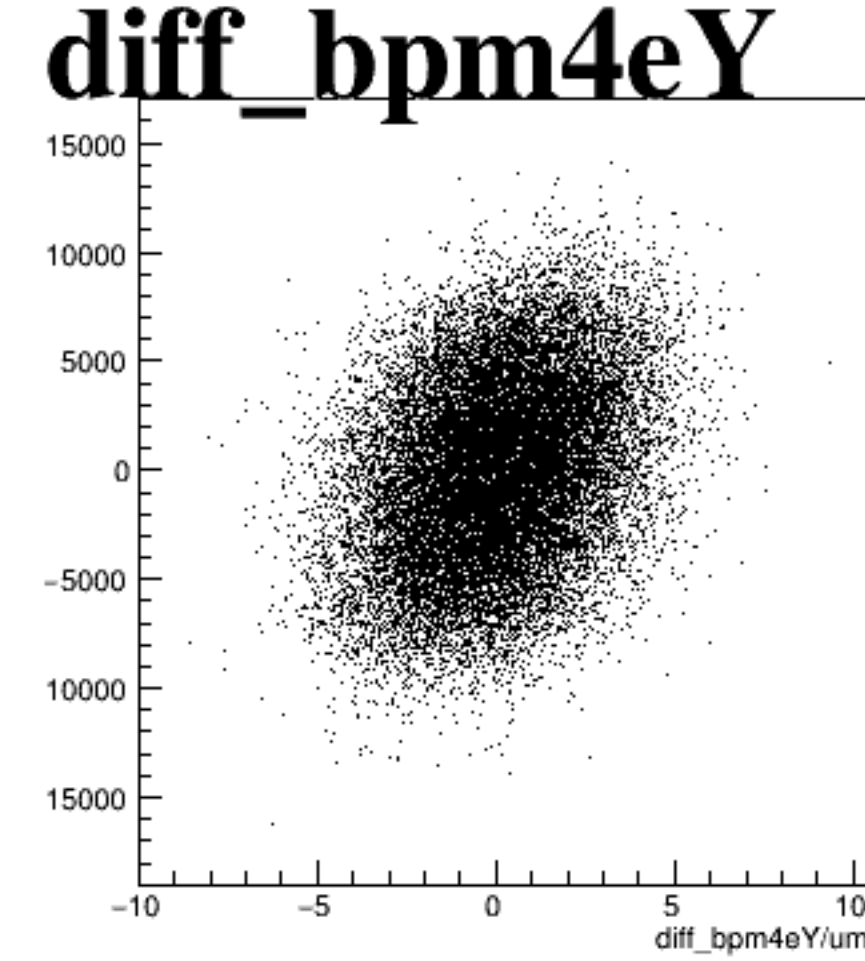
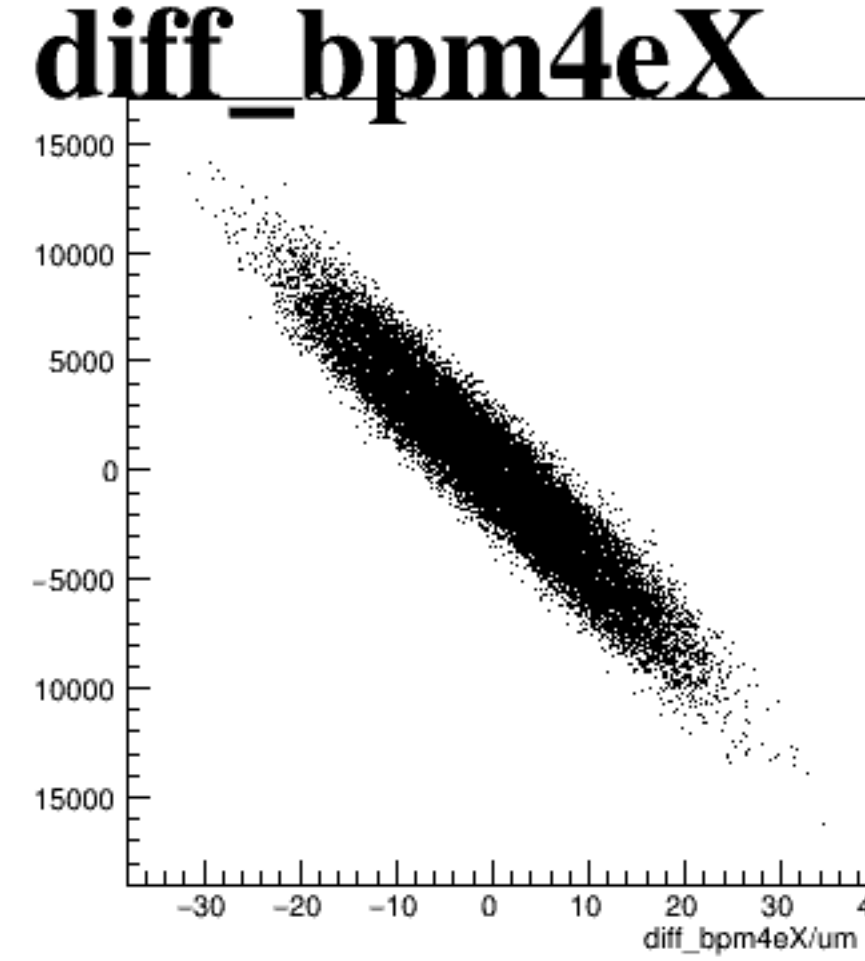
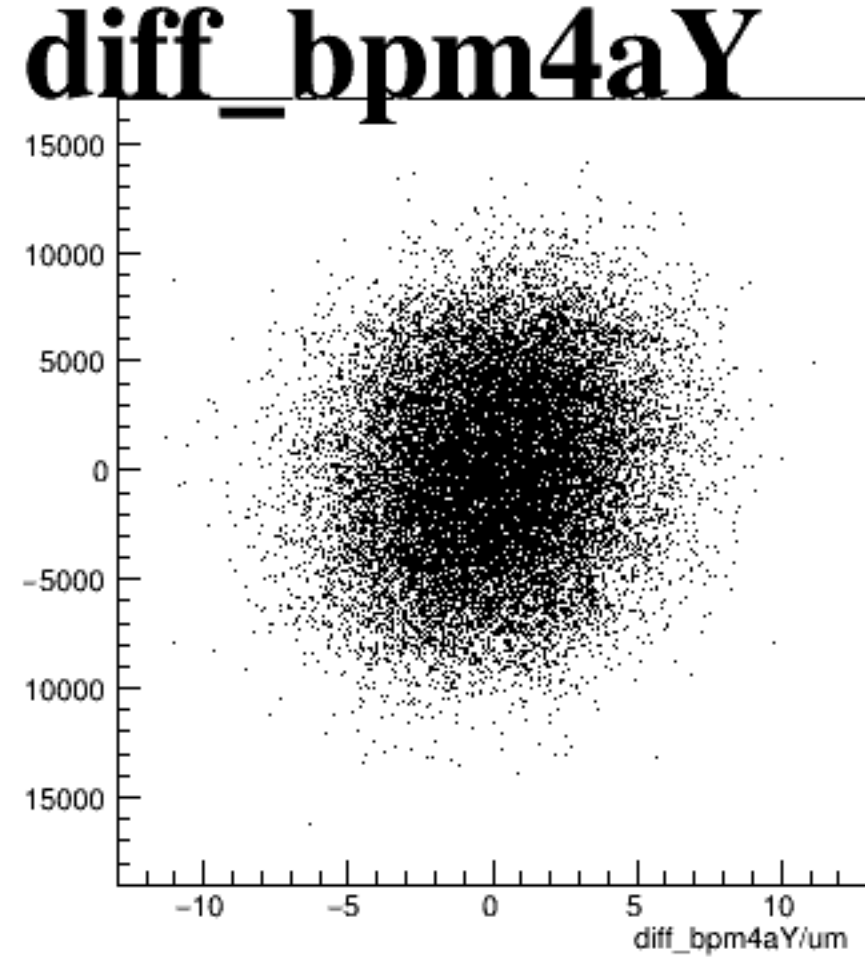
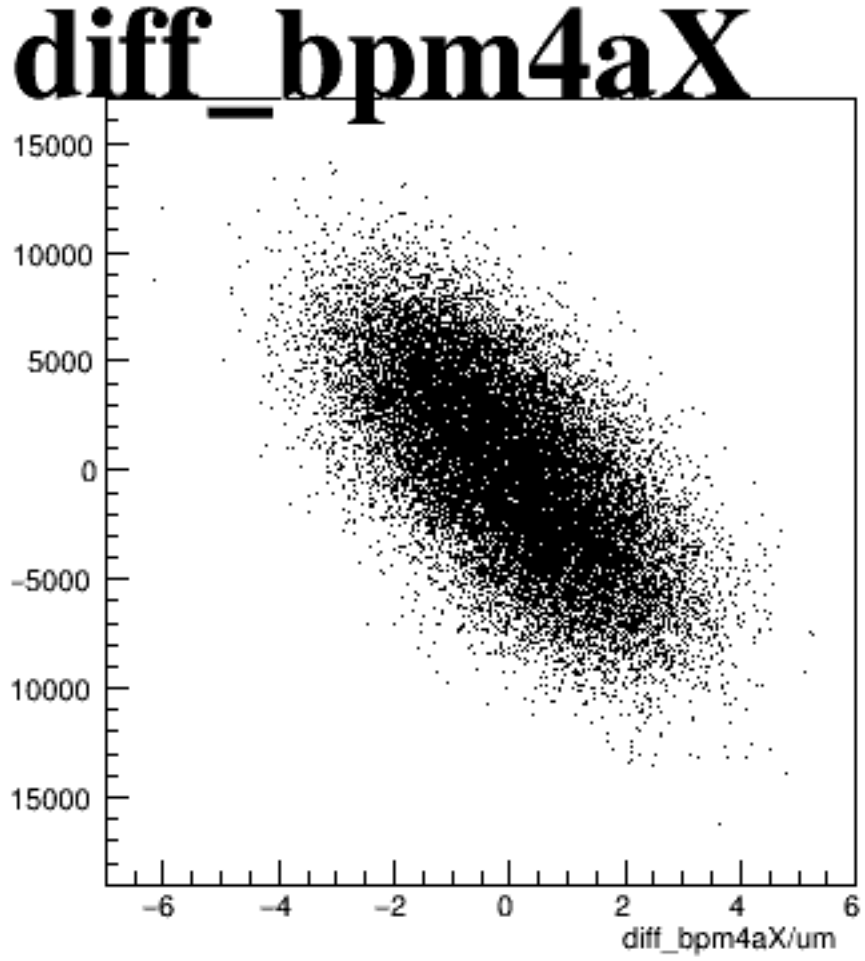
reg_asym_sam8



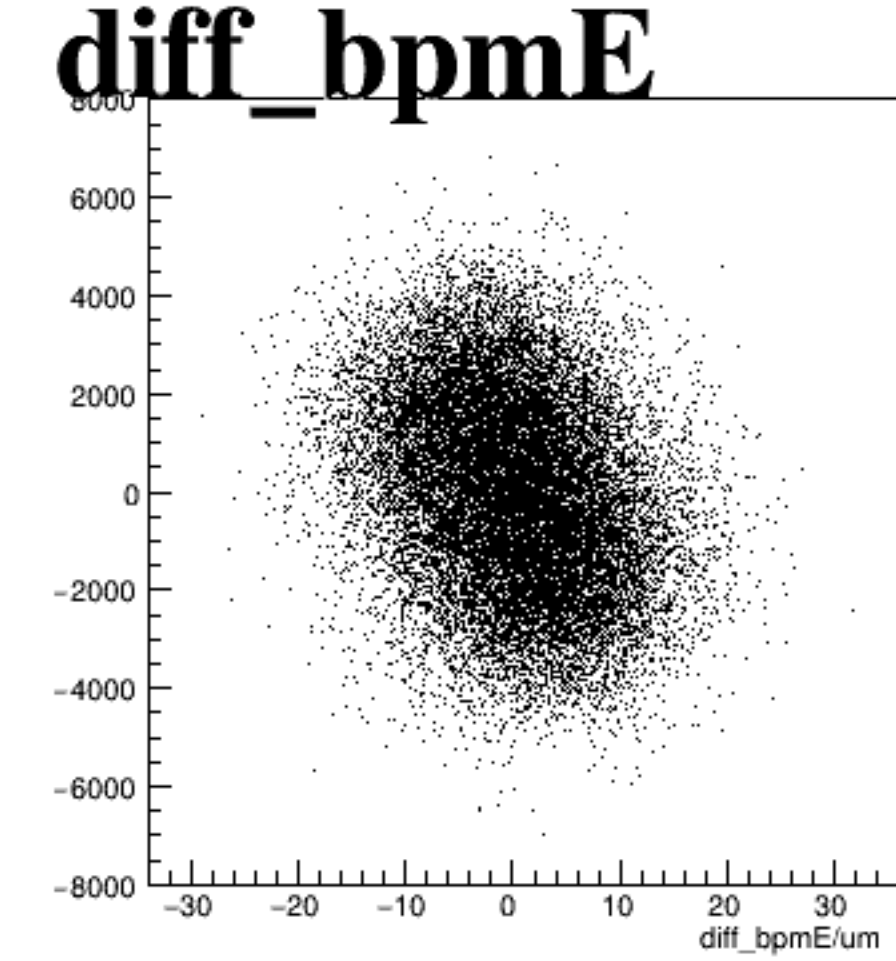
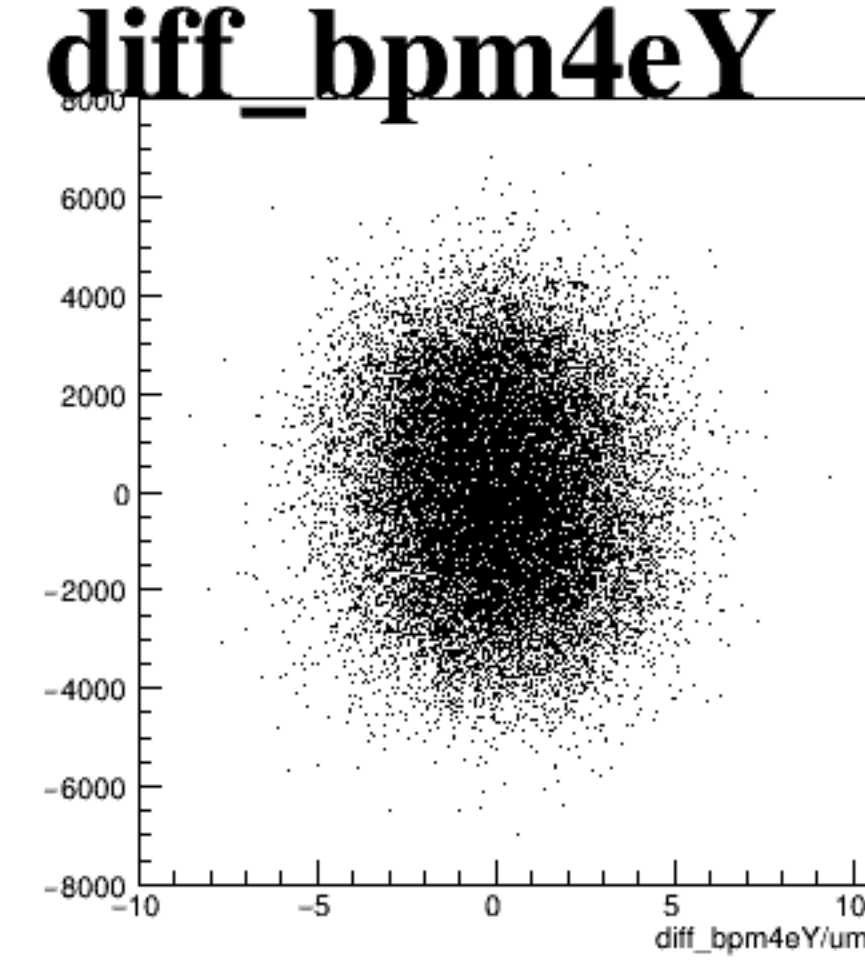
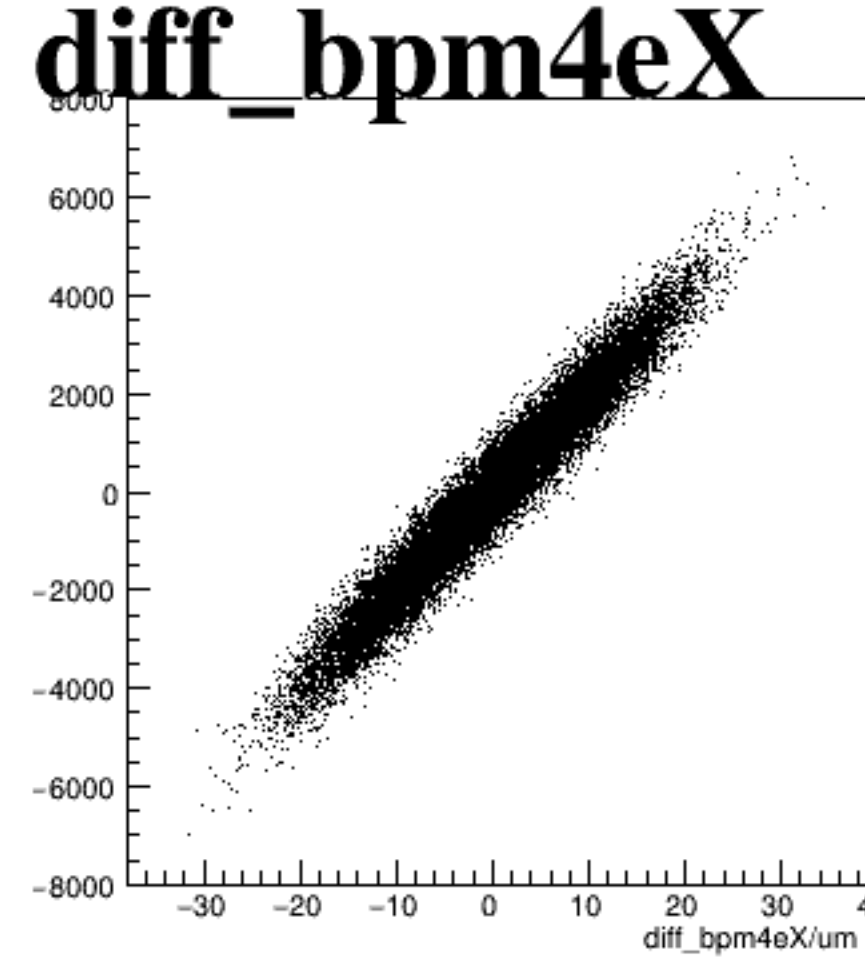
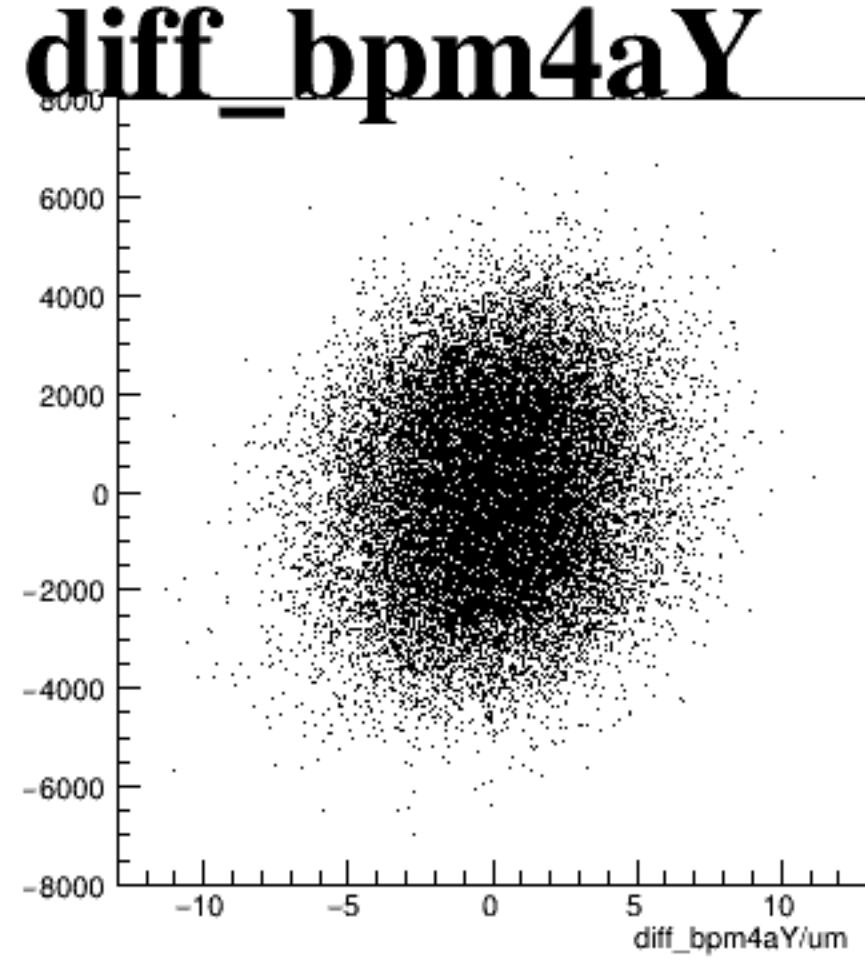
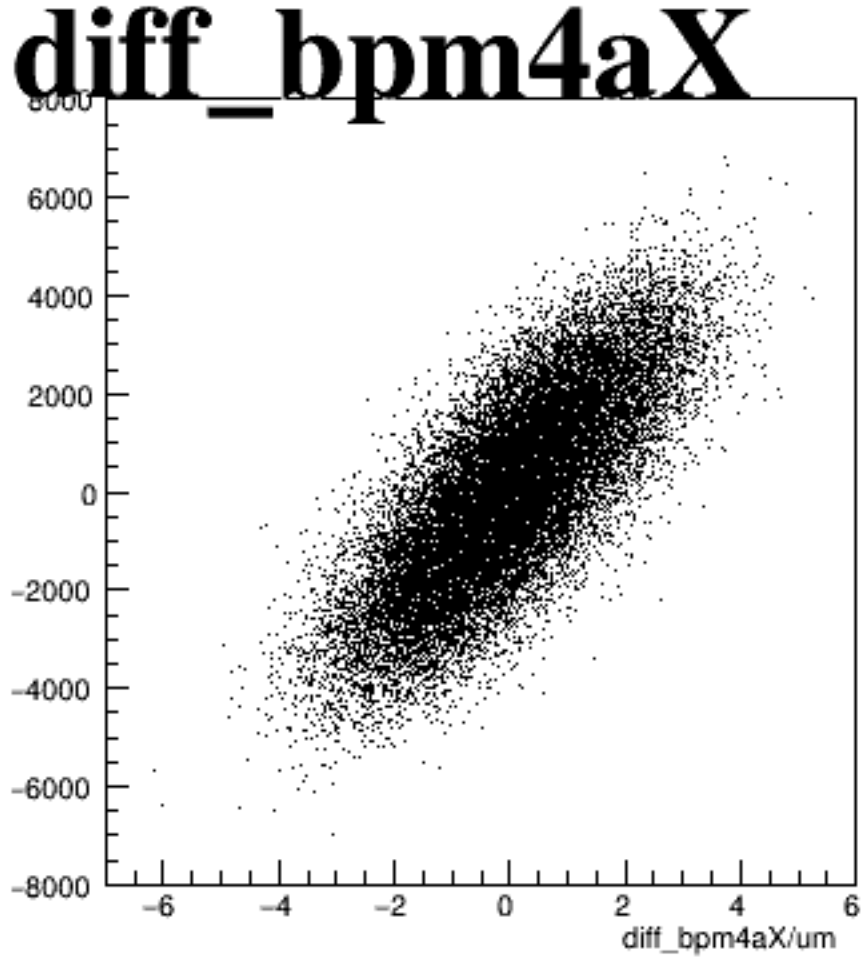
asym_sam2



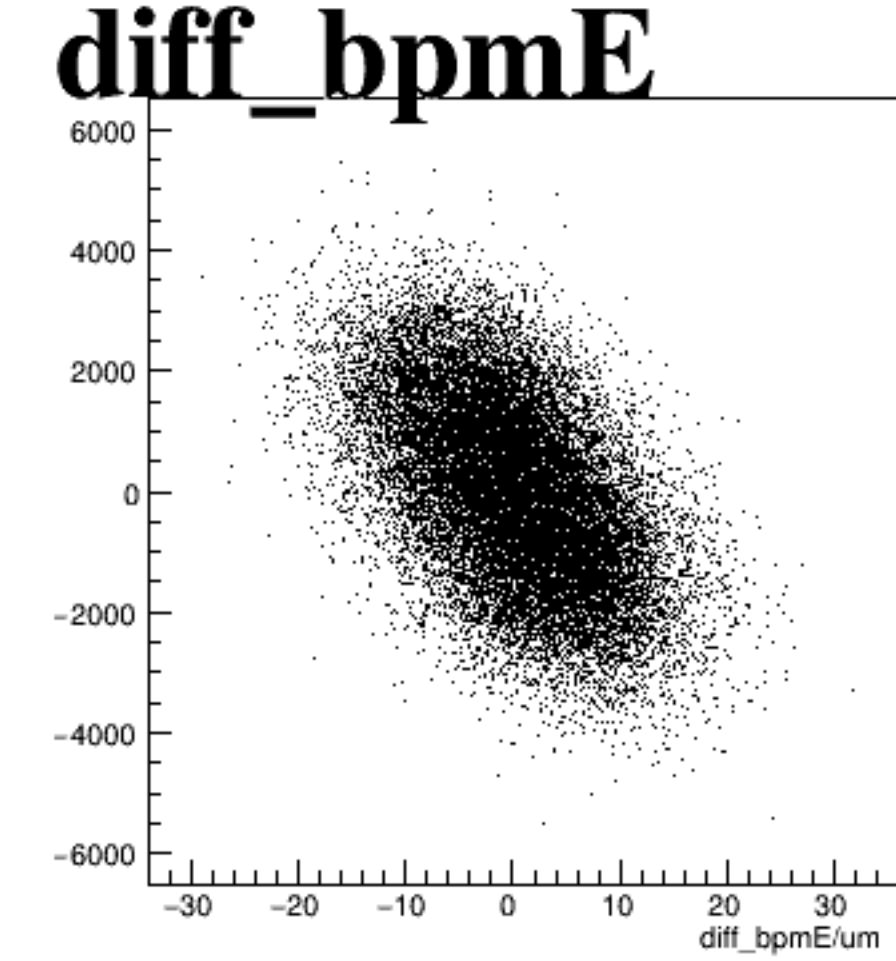
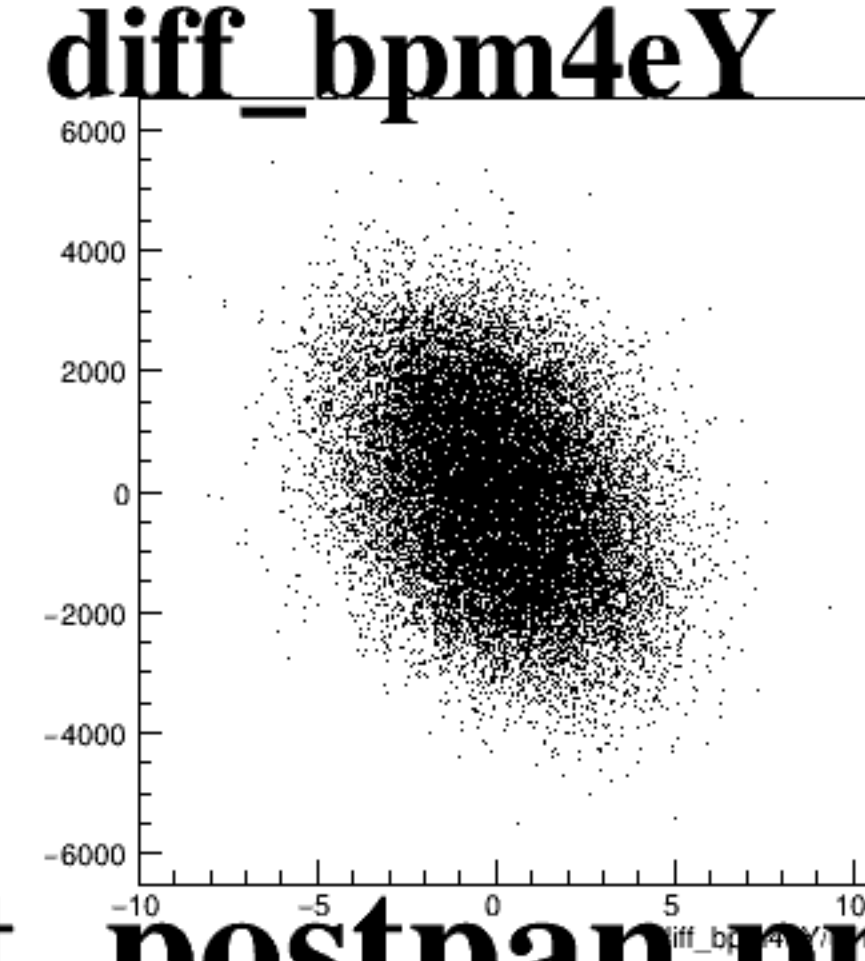
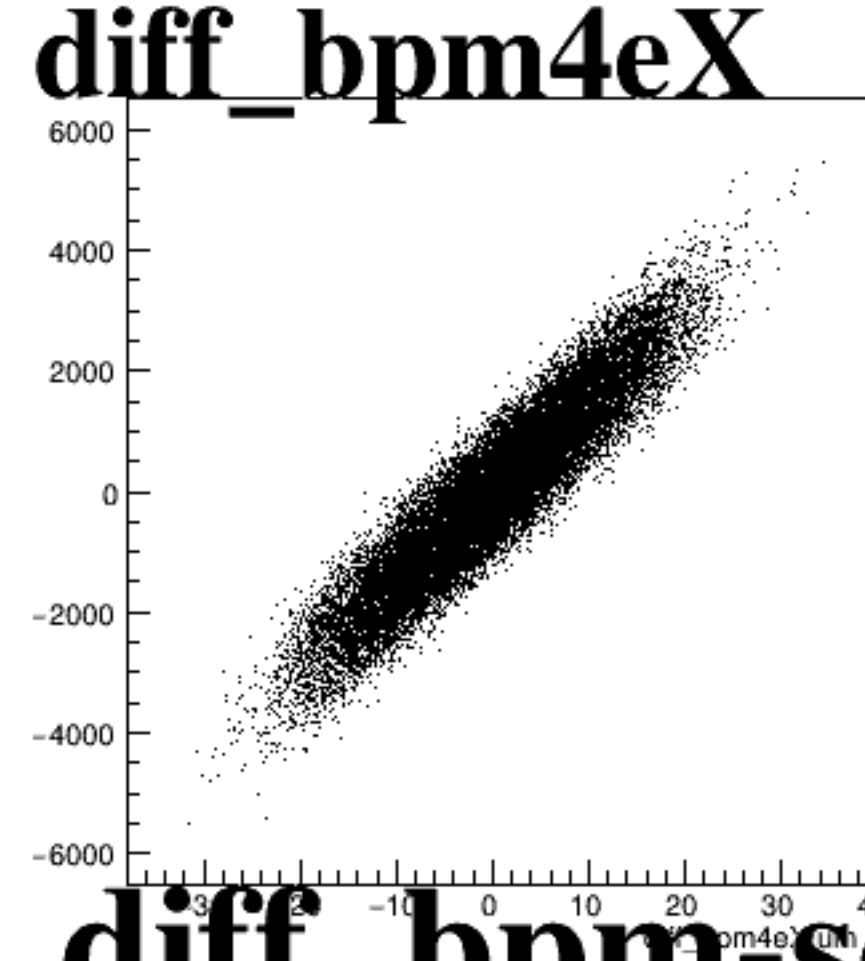
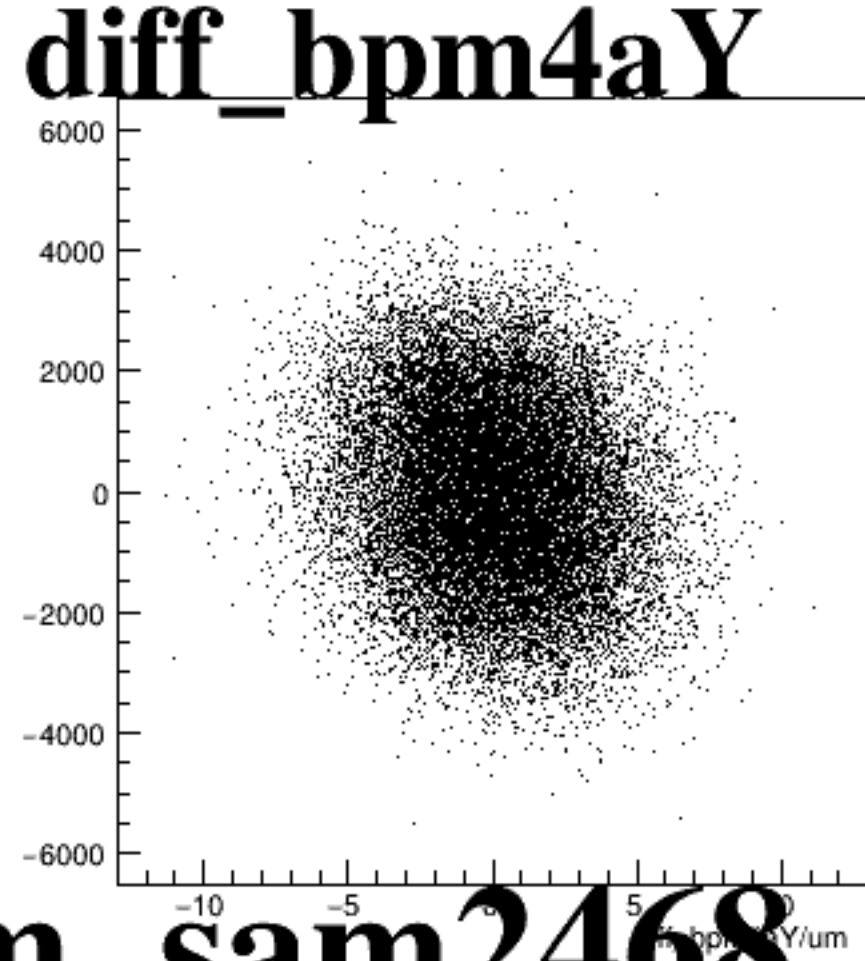
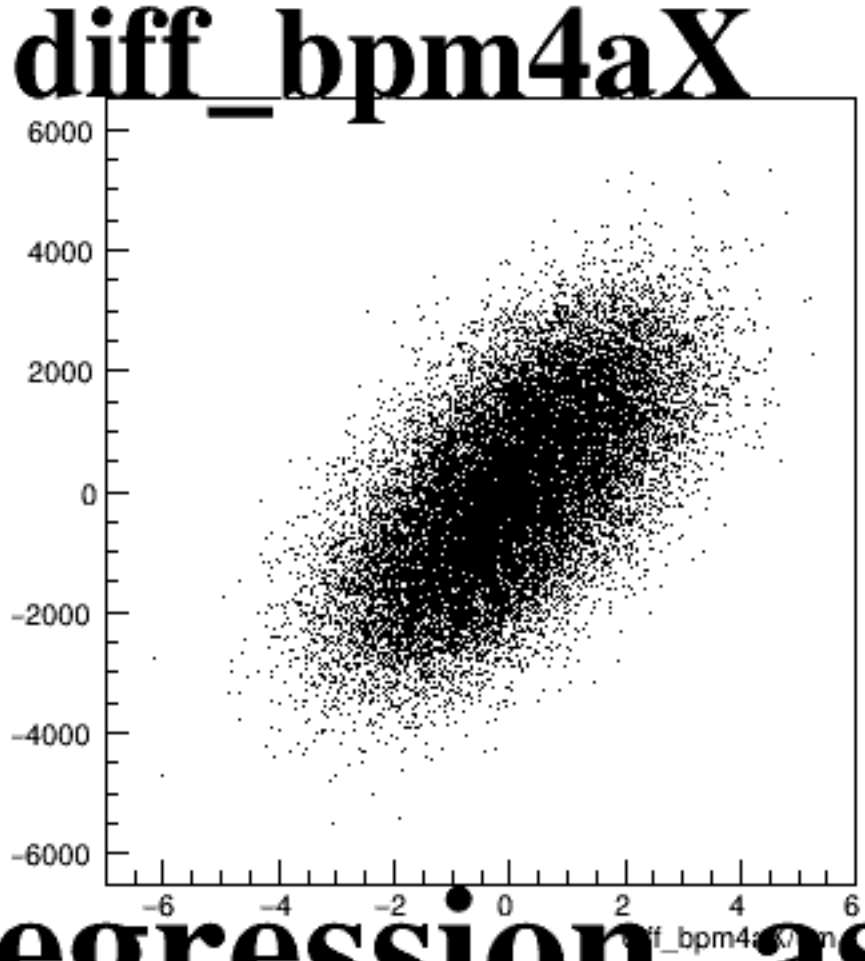
asym_sam4



asym_sam6



asym_sam8



The figure consists of five scatter plots arranged horizontally, each showing a dense, roughly circular cloud of points centered around zero. The y-axis for all plots ranges from -8000 to 8000. The x-axis for each plot ranges from -10 to 10. The plots are labeled as follows:

- diff_bpm4aX**: The x-axis is labeled `diff_bpm4aX/um`.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um`.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um`.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um`.
- diff_bpmE**: The x-axis is labeled `diff_bpmE/um`.

The figure displays five scatter plots, each representing the distribution of differences in a specific beam parameter (BPM) for a given beam. The plots are arranged horizontally and labeled as follows:

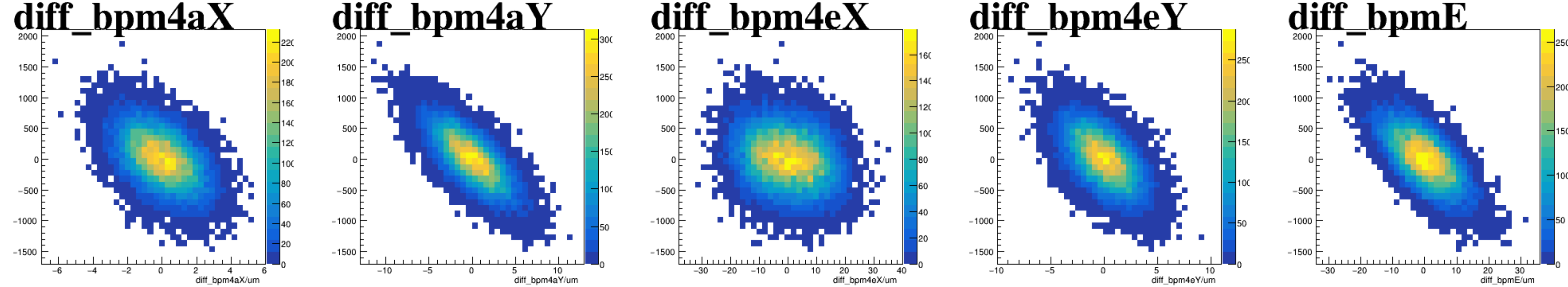
- diff_bpm4aX**: The x-axis is labeled $\text{diff_bpm4aX}/\mu\text{m}$ and ranges from -6 to 6. The y-axis ranges from -4000 to 4000.
- diff_bpm4aY**: The x-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -10 to 10. The y-axis ranges from -4000 to 4000.
- diff_bpm4eX**: The x-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -30 to 40. The y-axis ranges from -4000 to 4000.
- diff_bpm4eY**: The x-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -10 to 10. The y-axis ranges from -4000 to 4000.
- diff_bpmE**: The x-axis is labeled $\text{diff_bpmE}/\mu\text{m}$ and ranges from -30 to 30. The y-axis ranges from -4000 to 4000.

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 axes are labeled in units of μm .

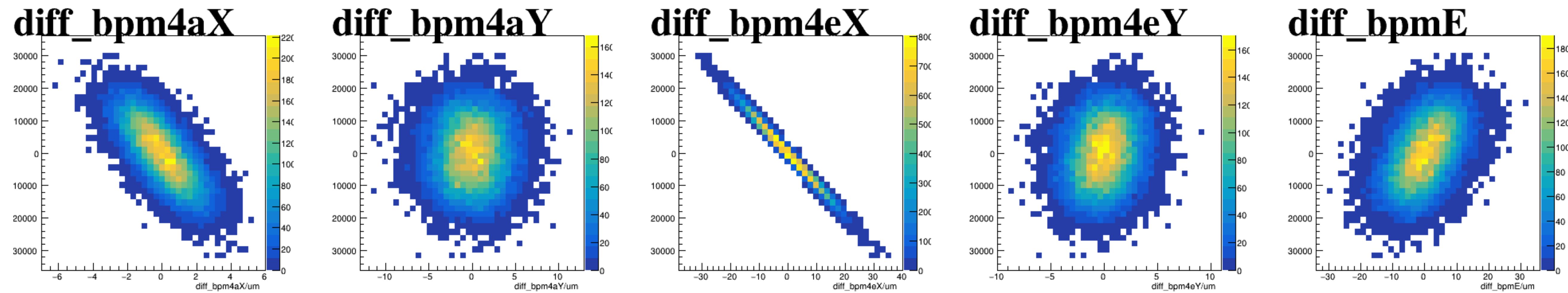
The figure consists of five scatter plots arranged horizontally, each showing a dense cloud of points centered around the origin. The y-axis for all plots ranges from -1500 to 1500. The x-axis labels and ranges are as follows:

- diff_bpm4aX**: x-axis ranges from -6 to 6.
- diff_bpm4aY**: x-axis ranges from -10 to 10.
- diff_bpm4eX**: x-axis ranges from -30 to 40.
- diff_bpm4eY**: x-axis ranges from -10 to 10.
- diff_bpmE**: x-axis ranges from -30 to 30.

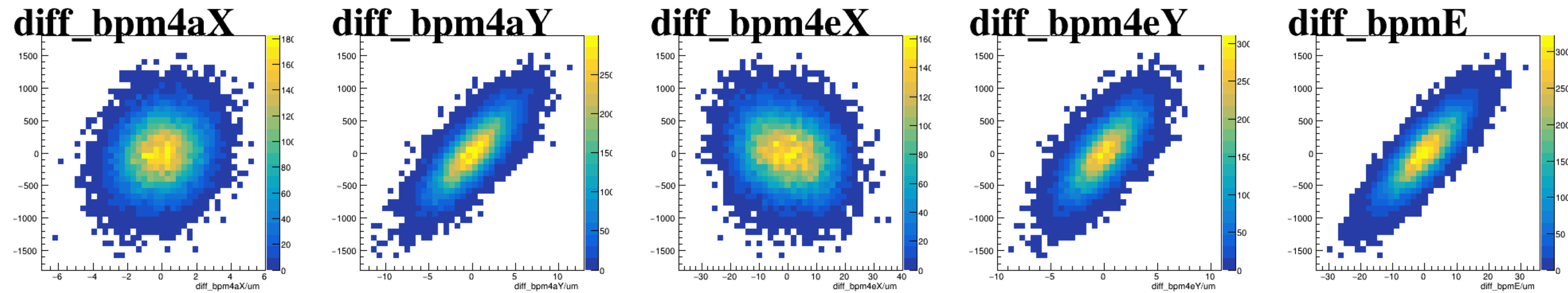
asym_sam1



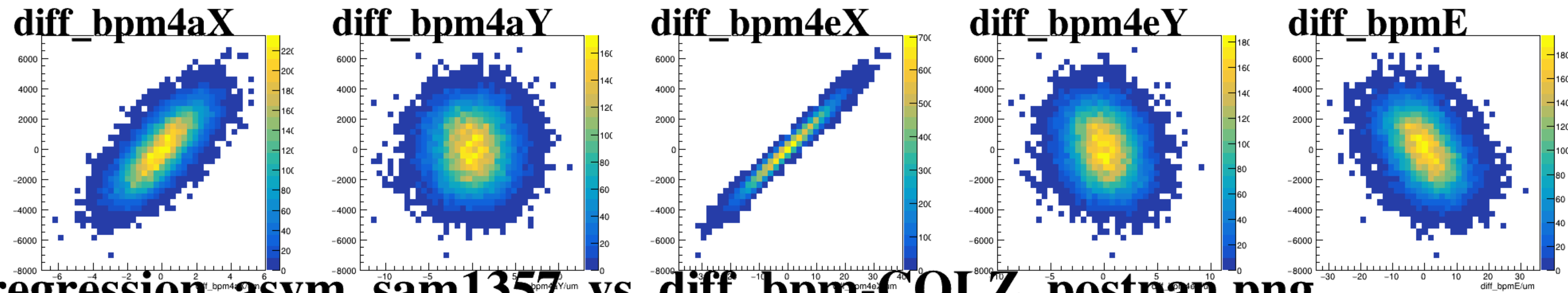
asym_sam3



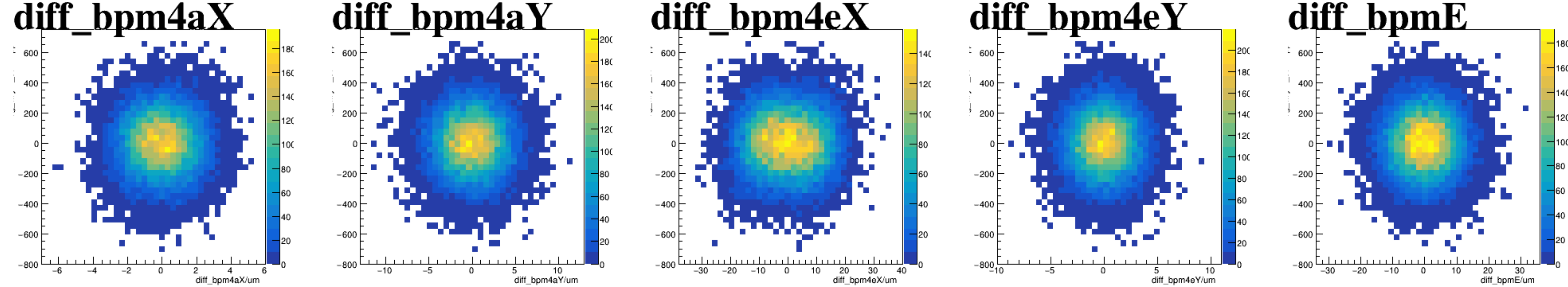
asym_sam5



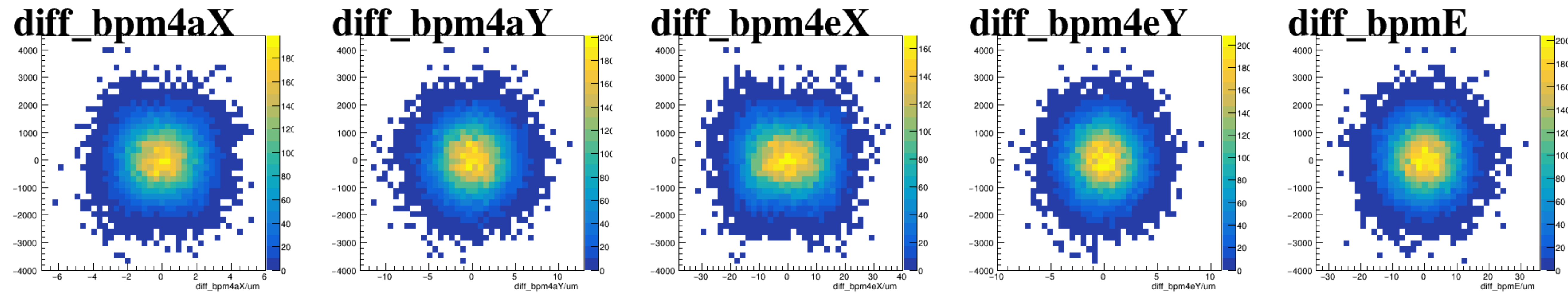
asym_sam7



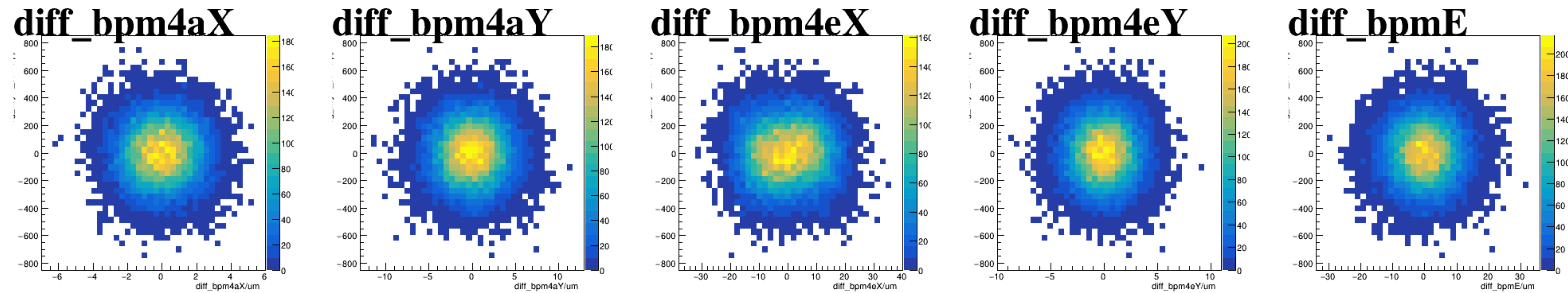
reg_asym_sam1



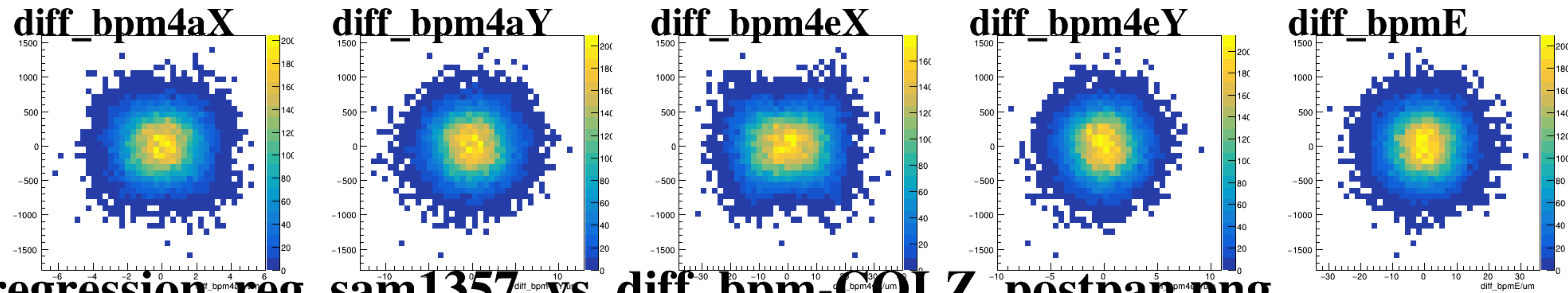
reg_asym_sam3



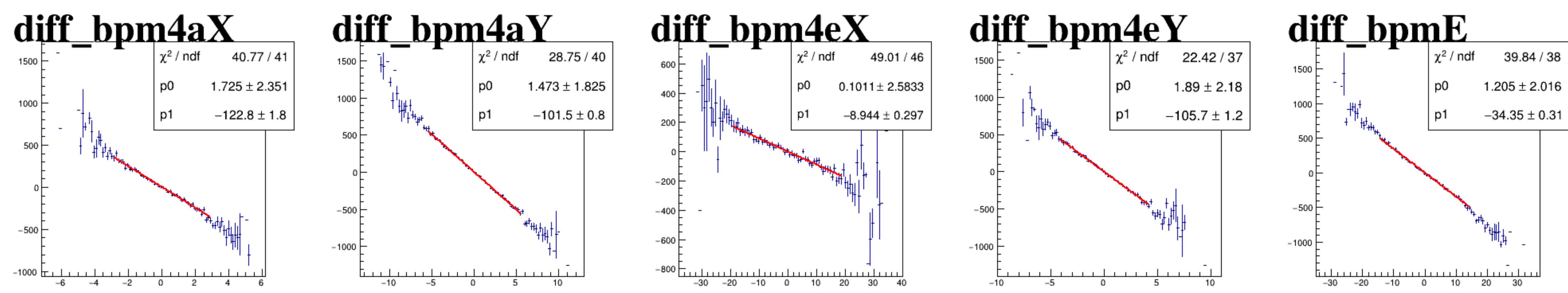
reg_asym_sam5



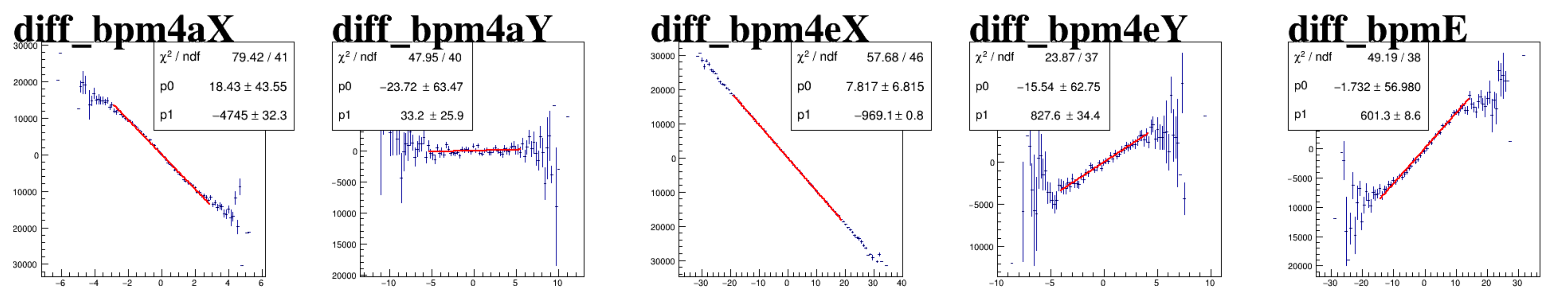
reg_asym_sam7



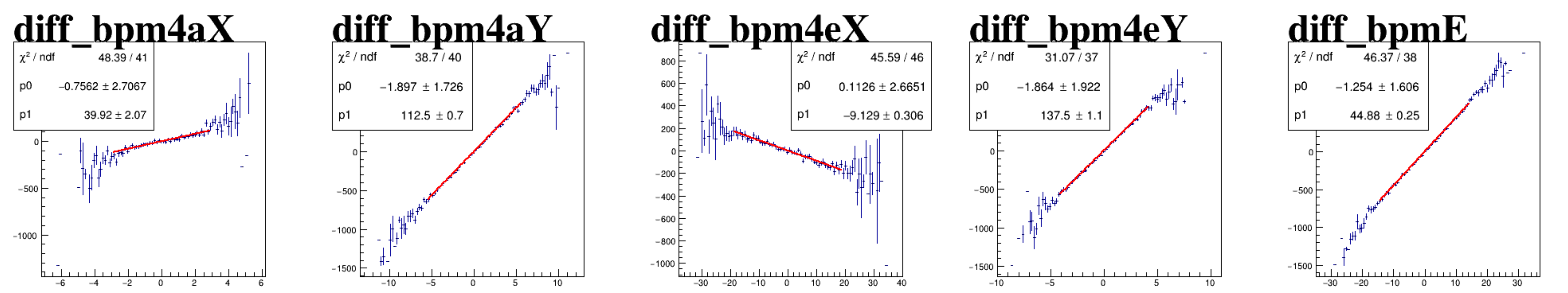
asym_sam1



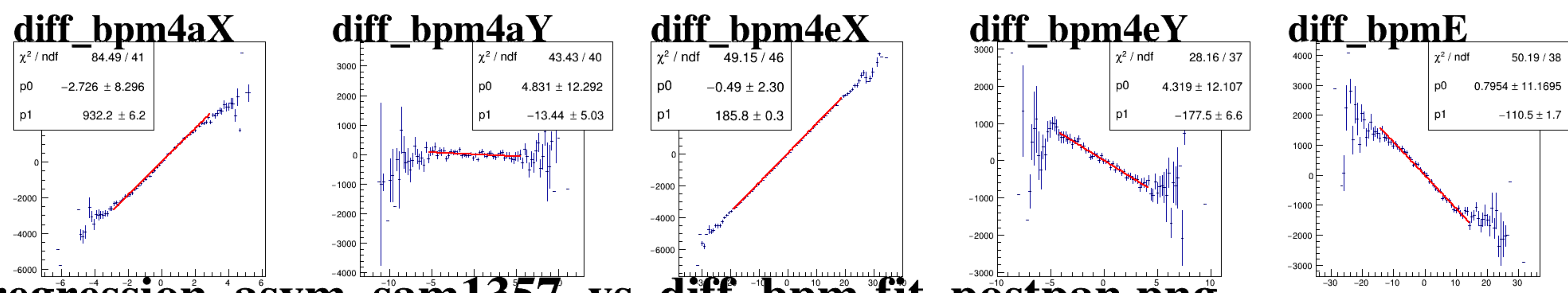
asym_sam3



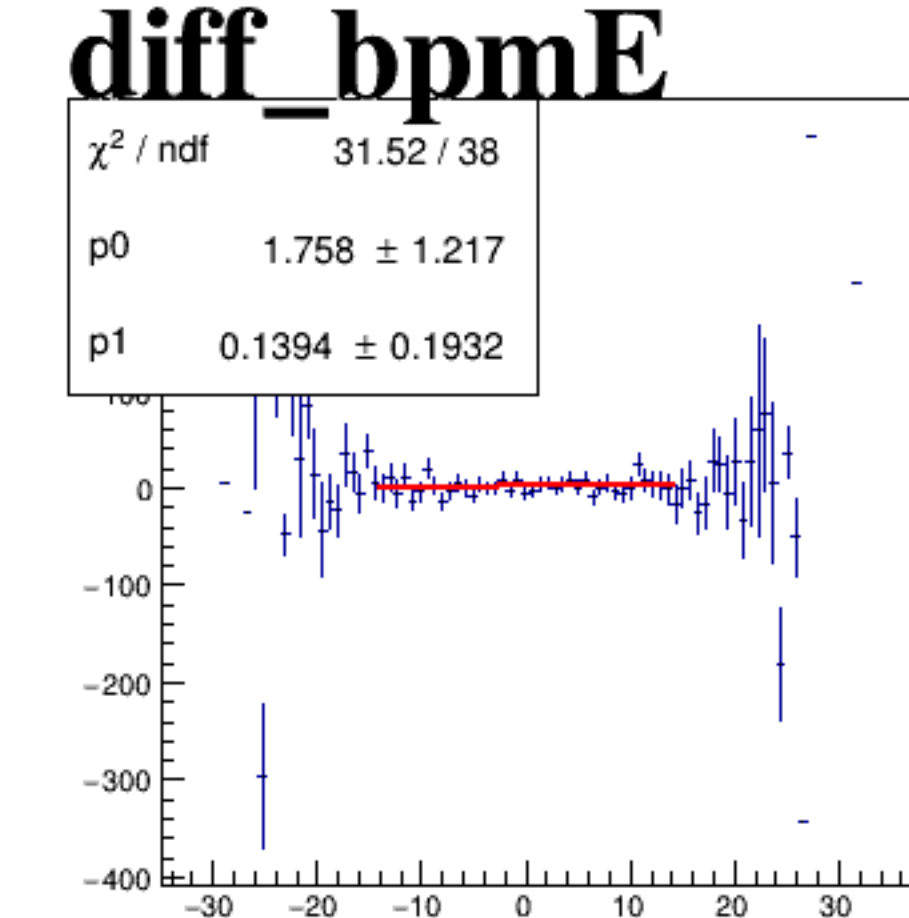
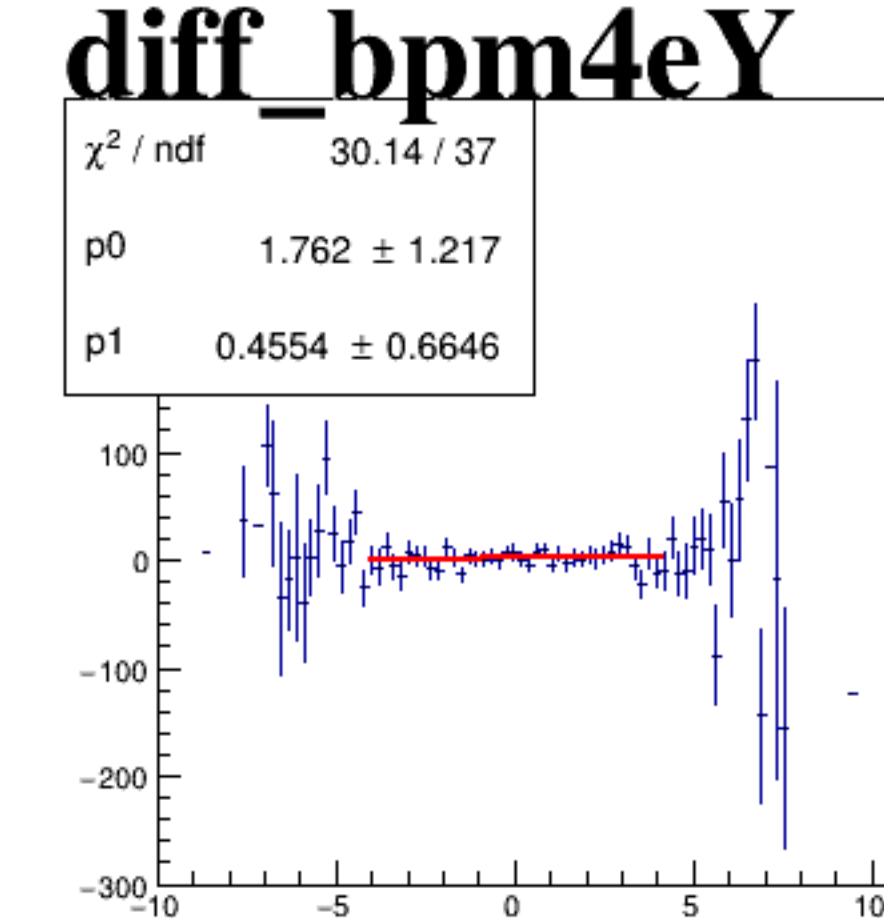
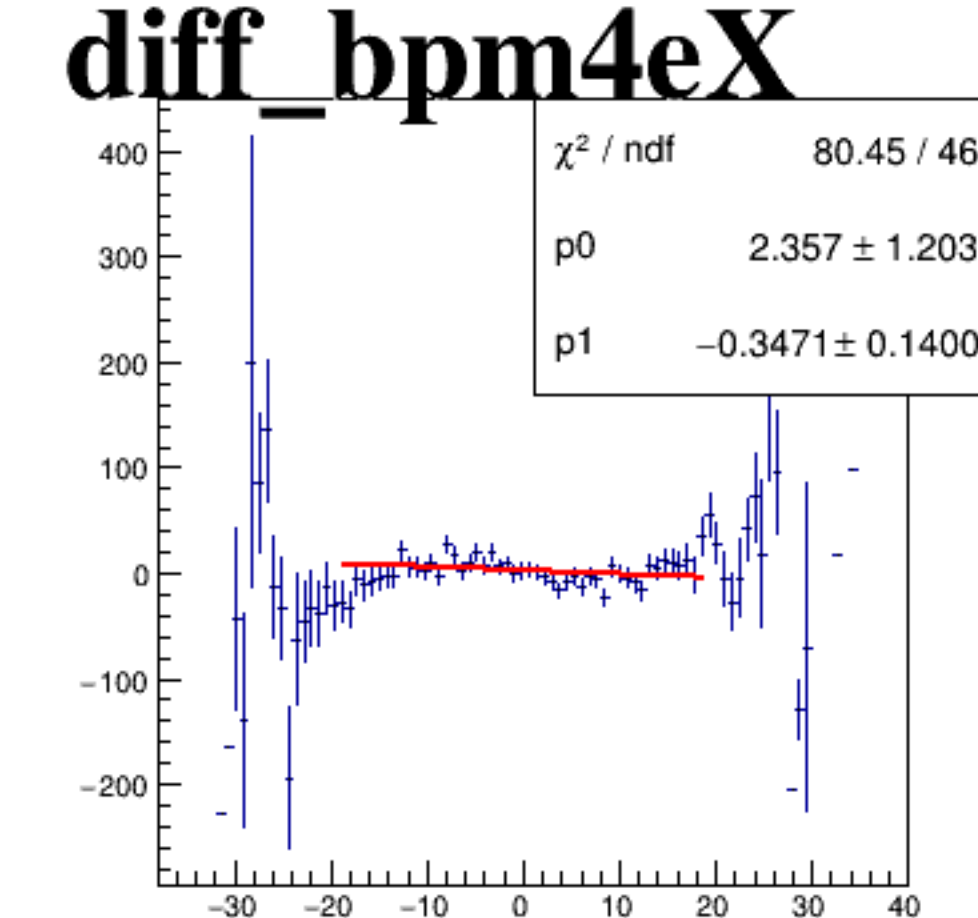
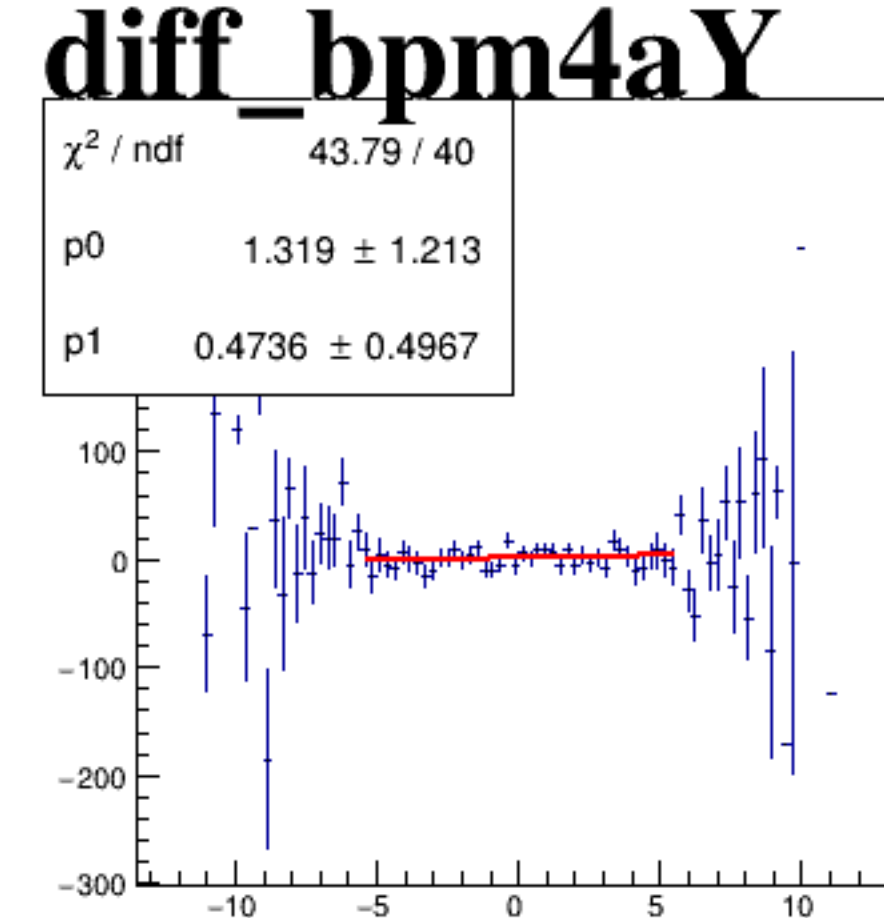
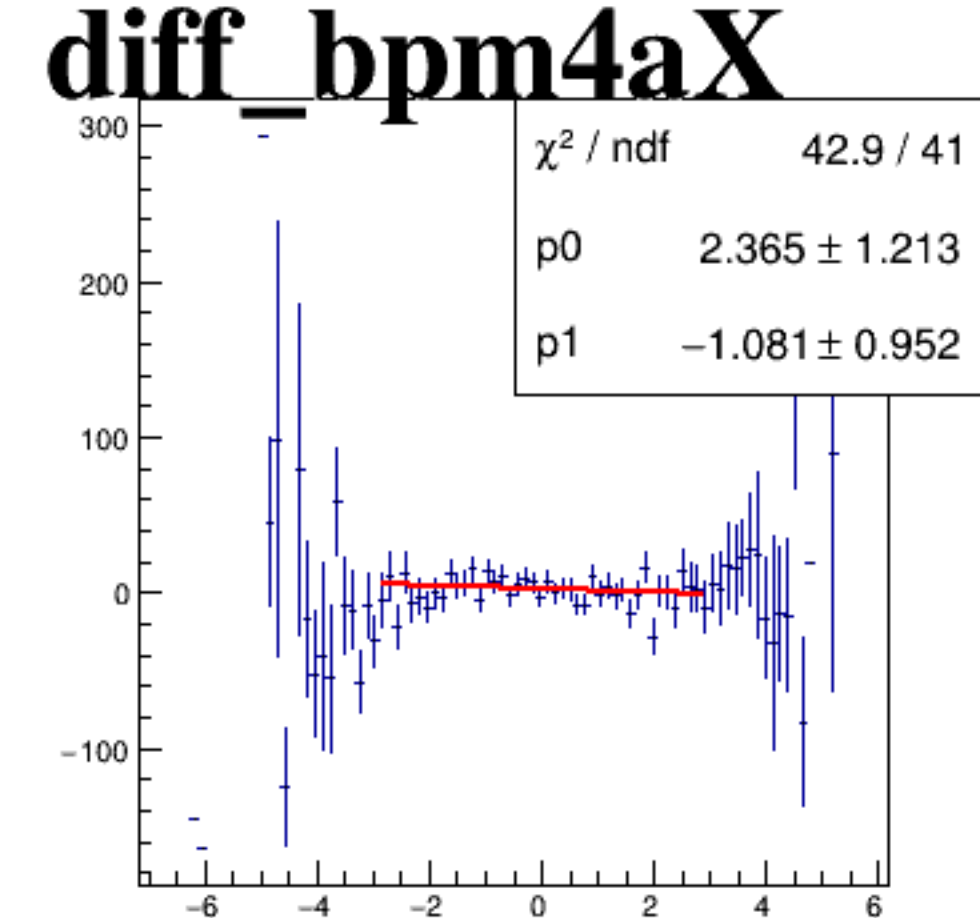
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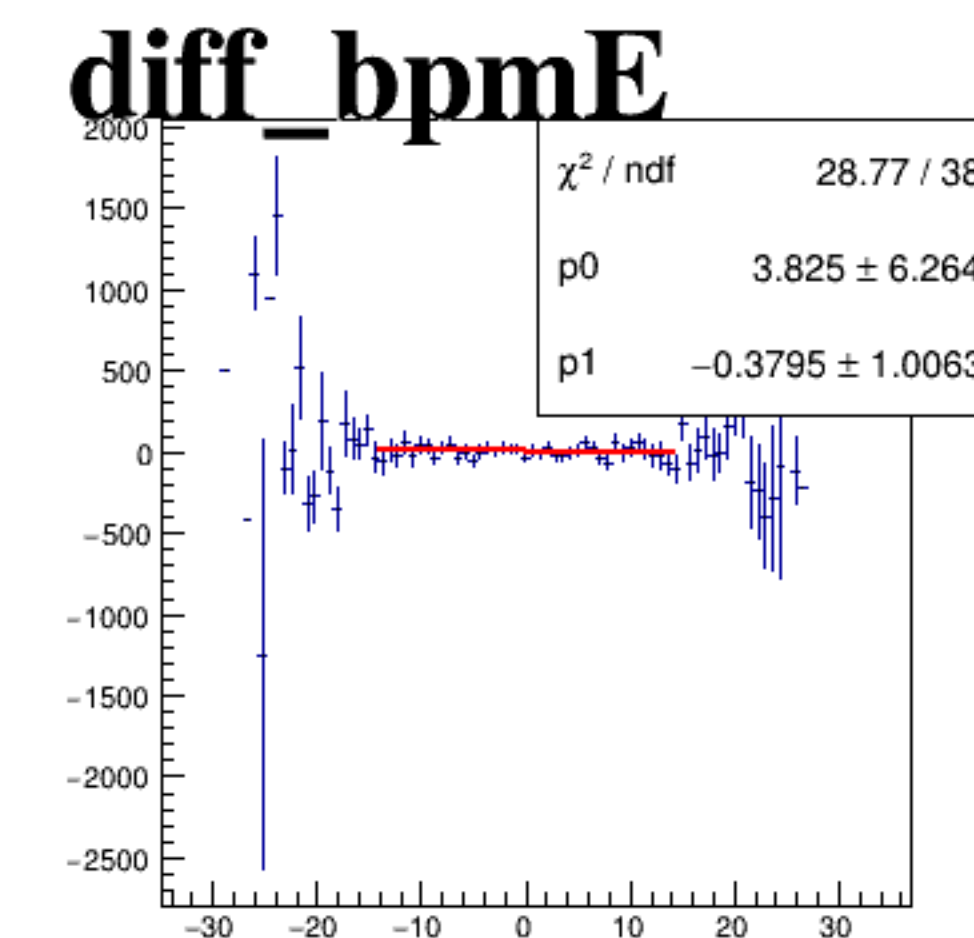
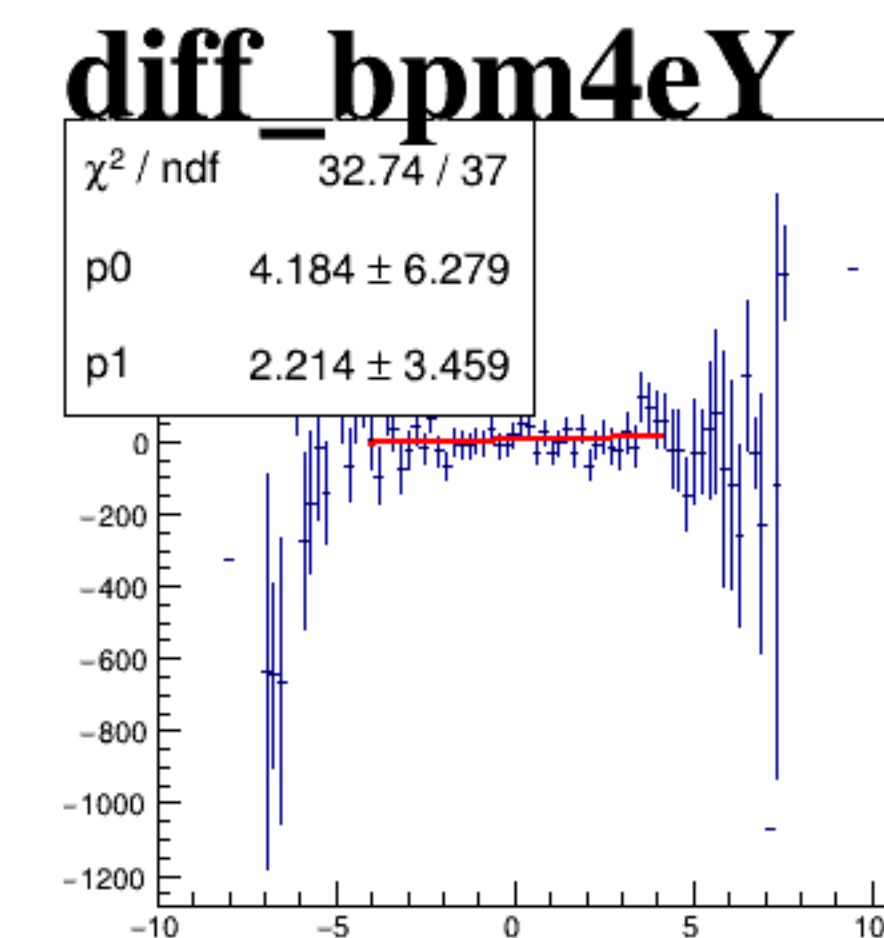
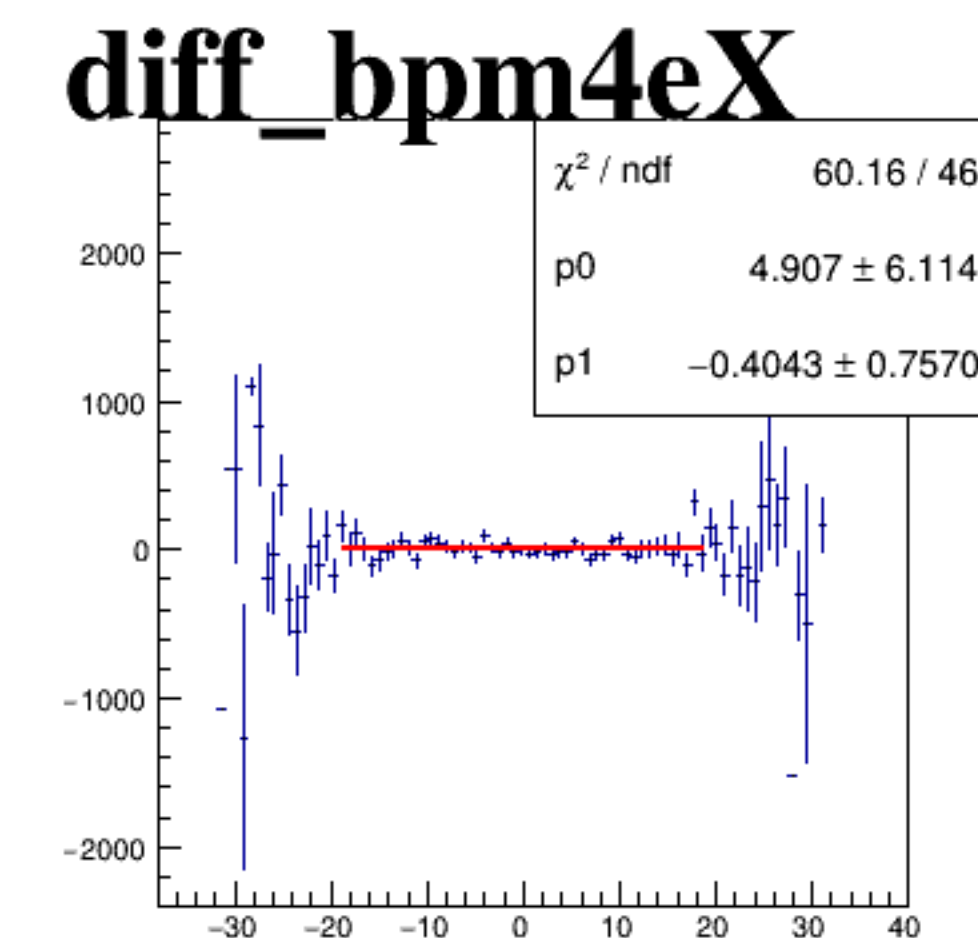
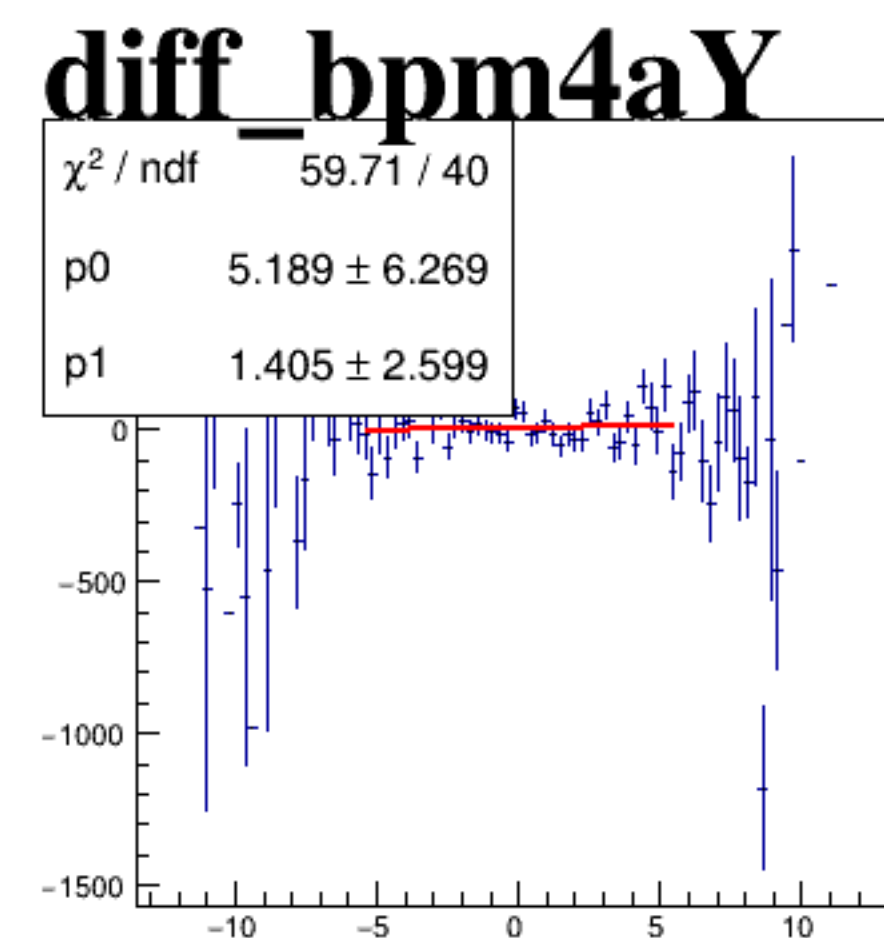
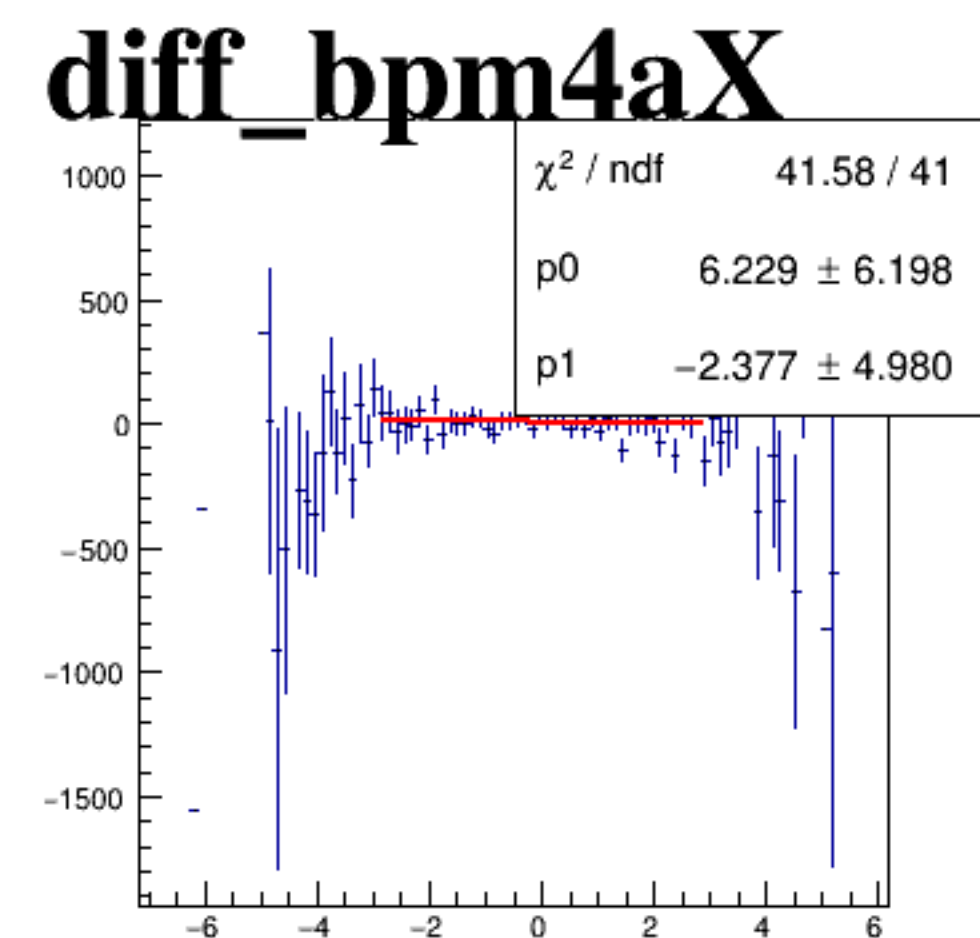
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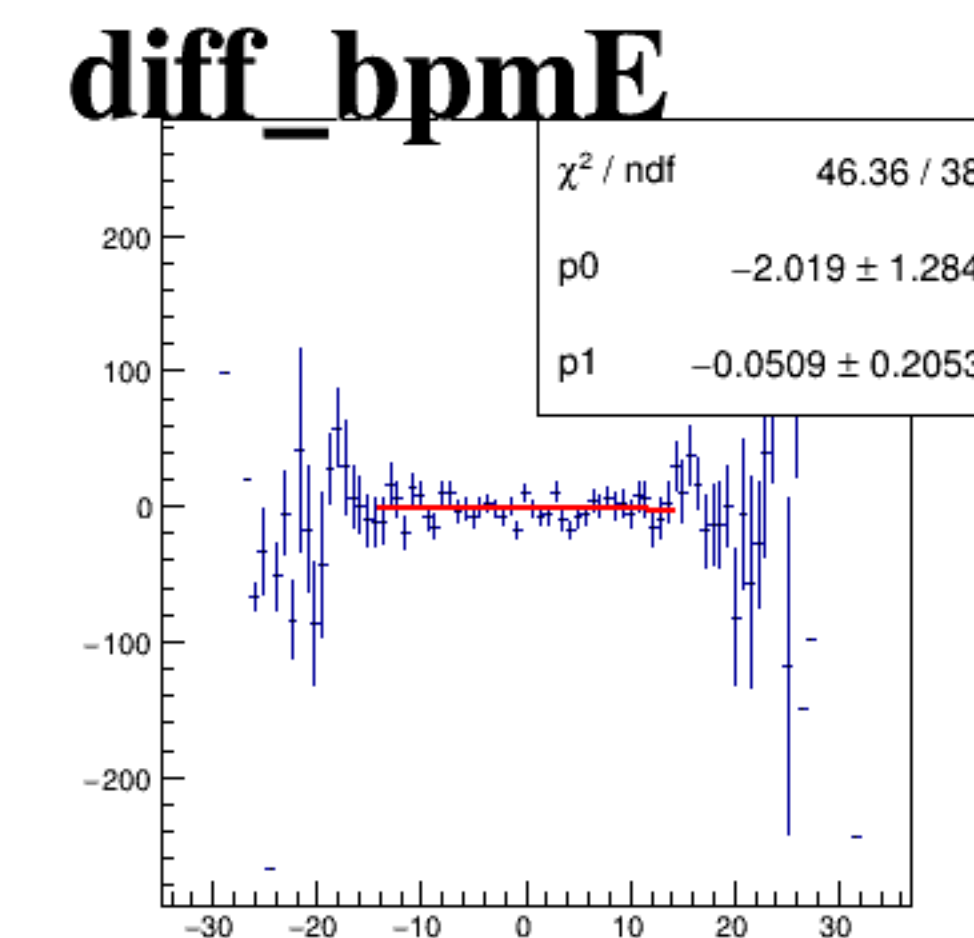
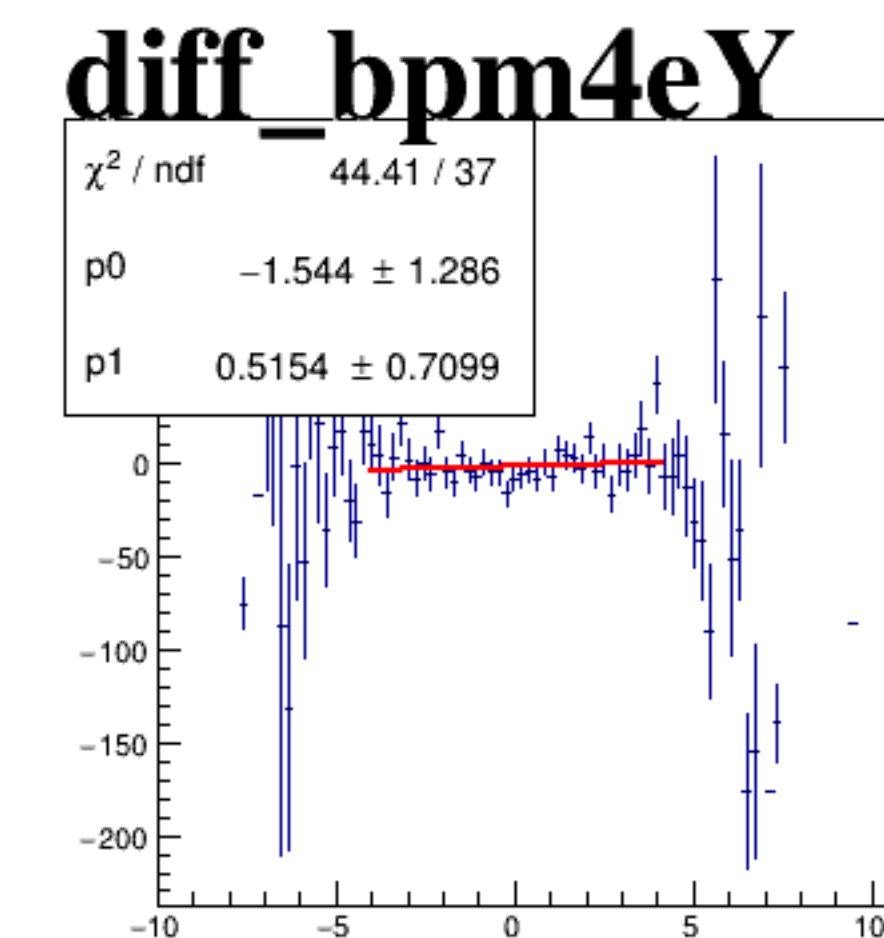
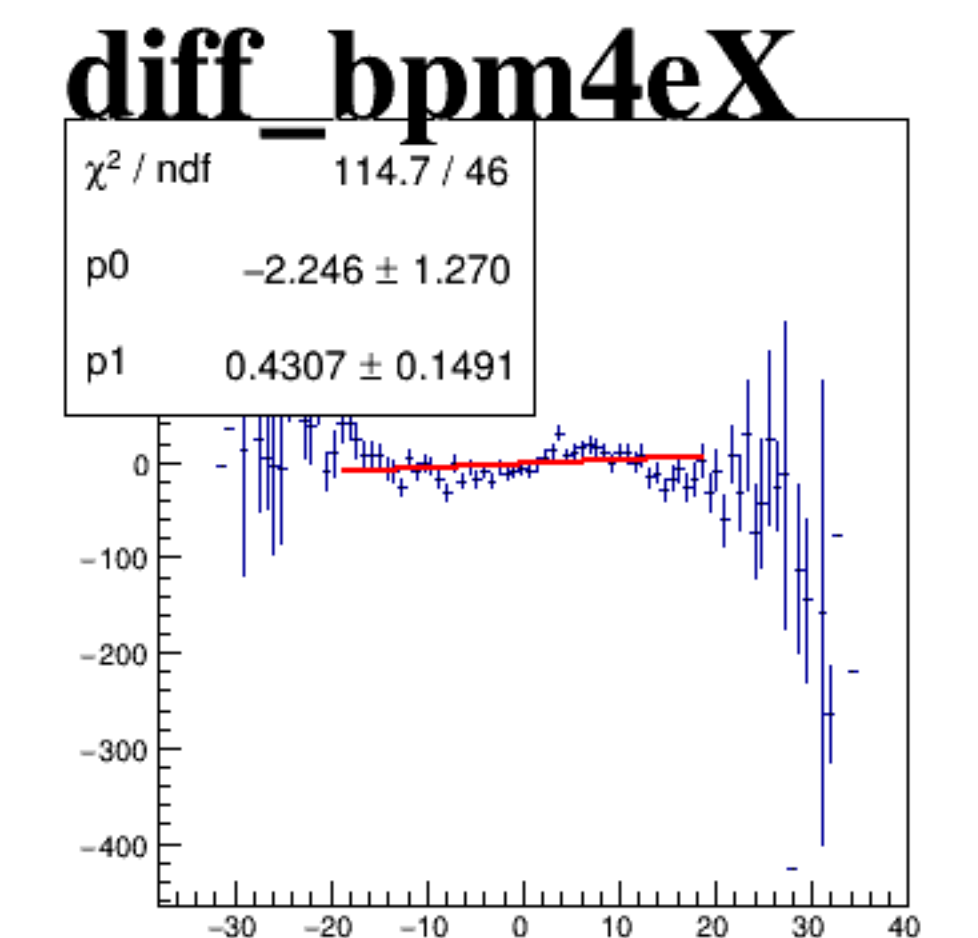
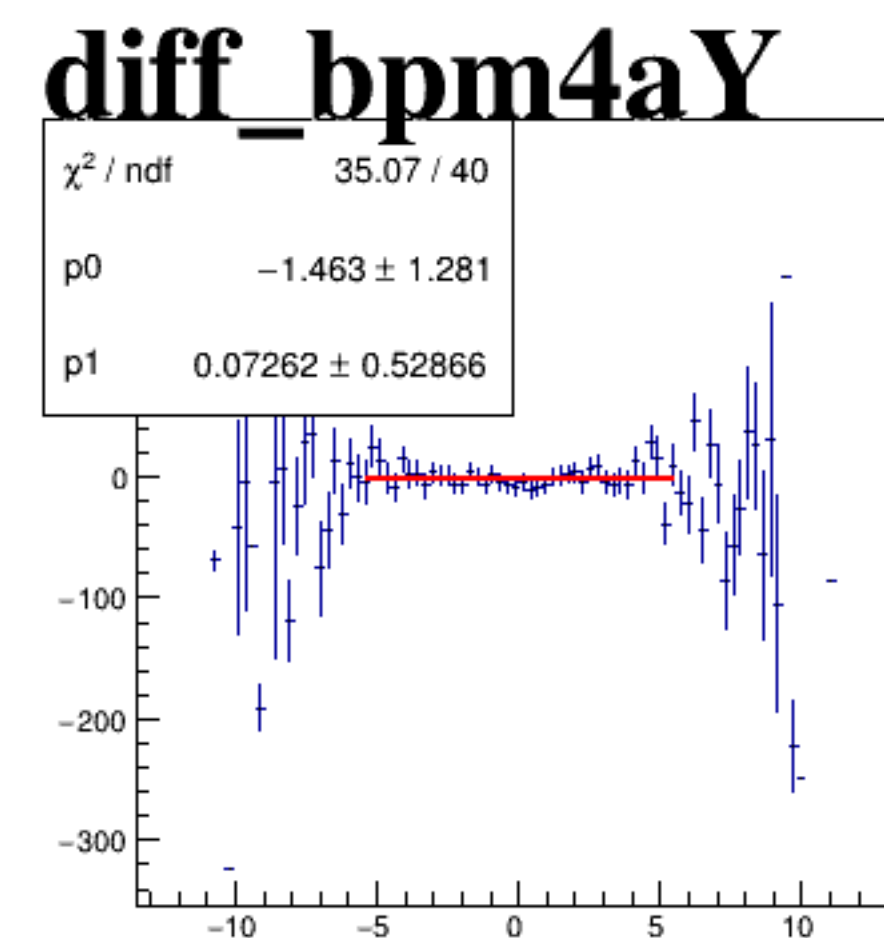
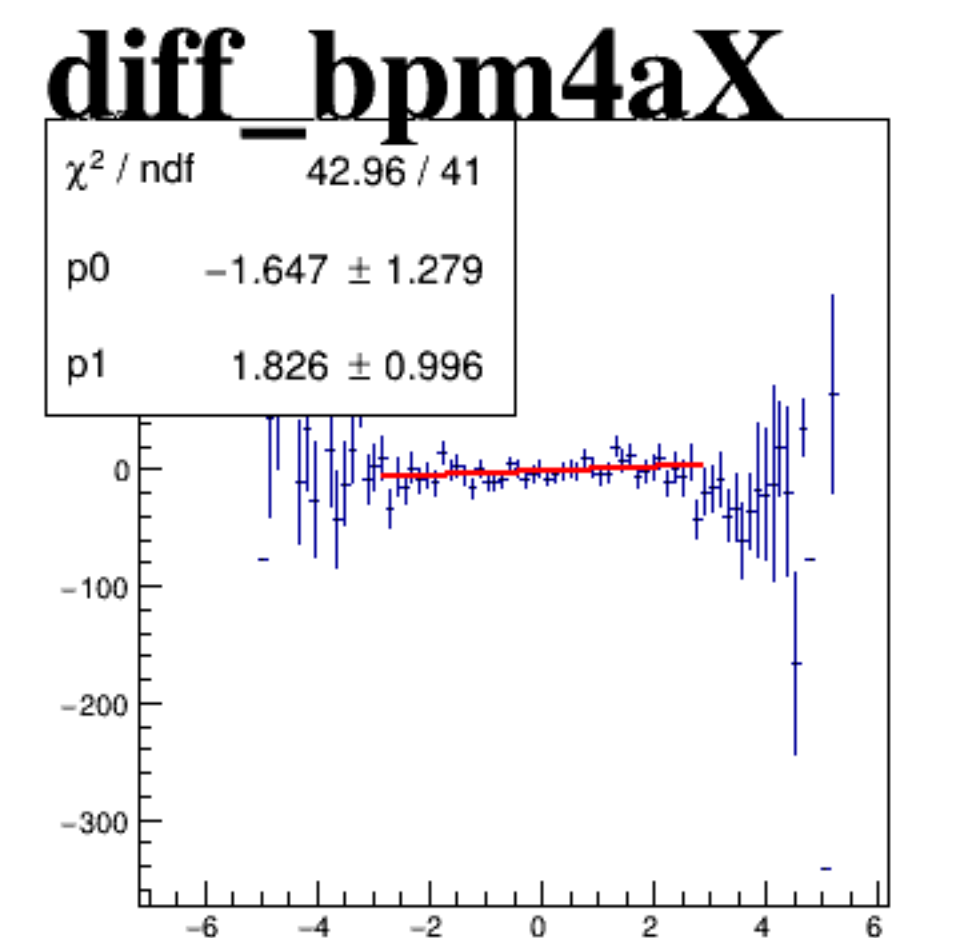
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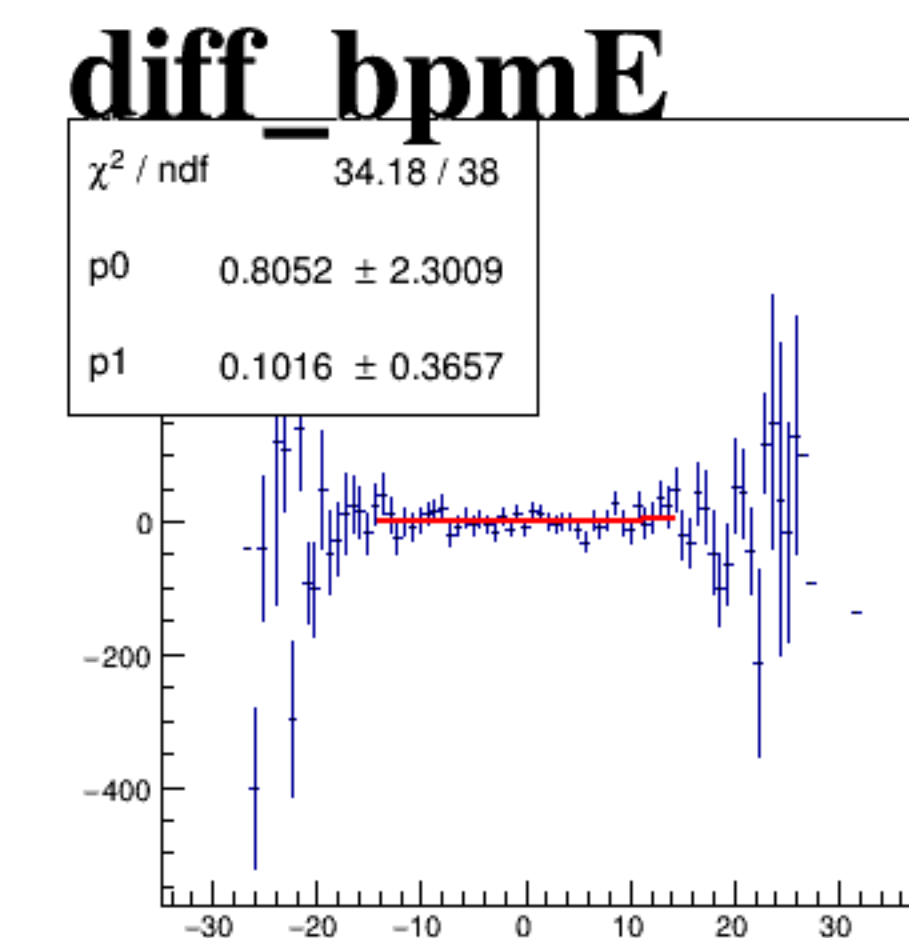
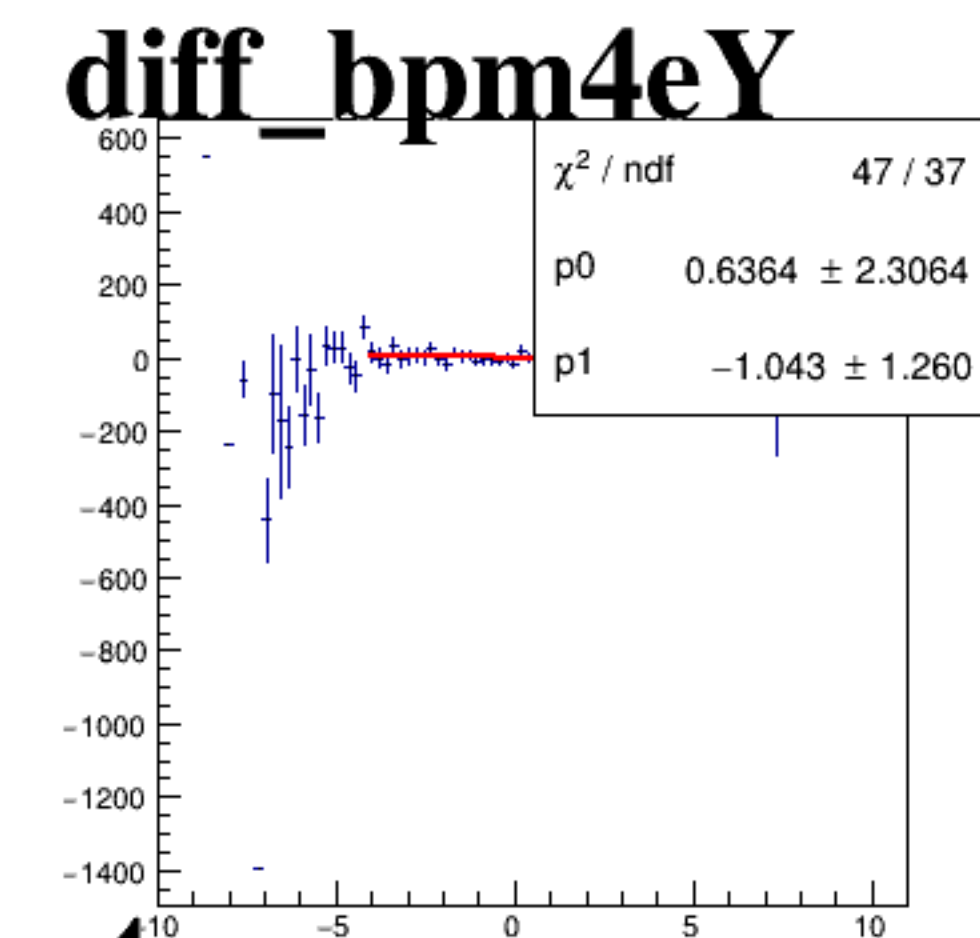
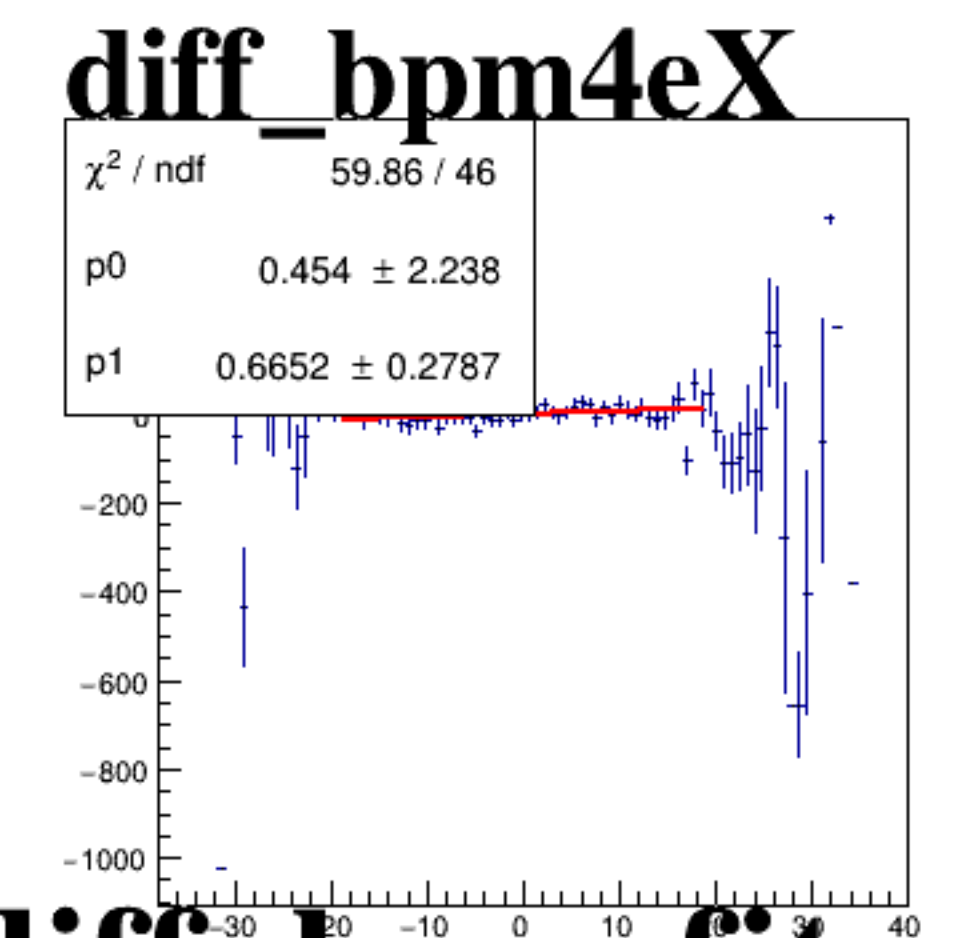
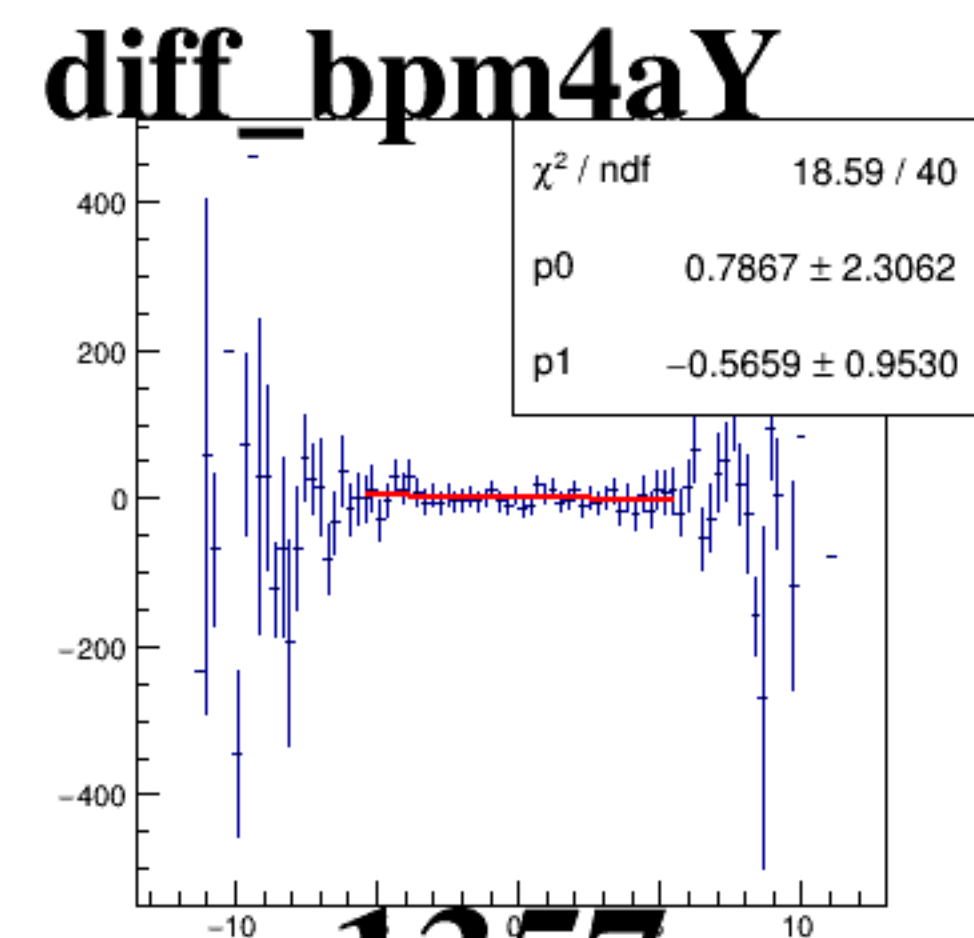
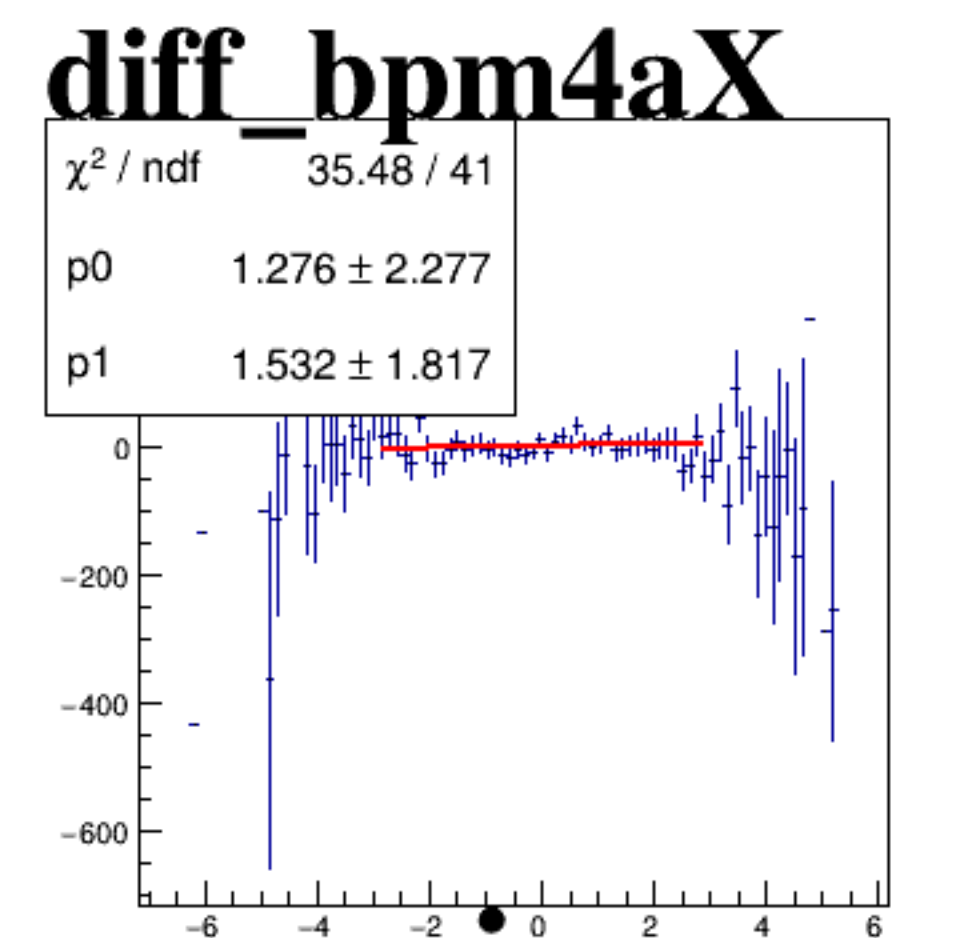
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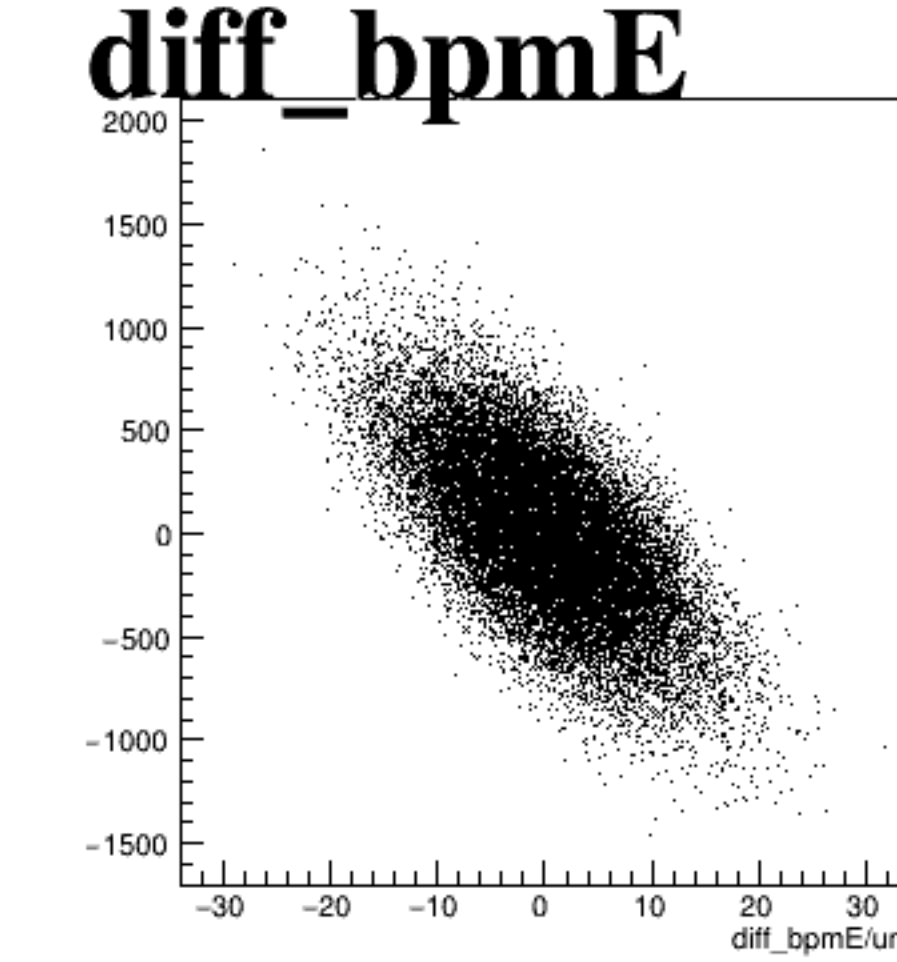
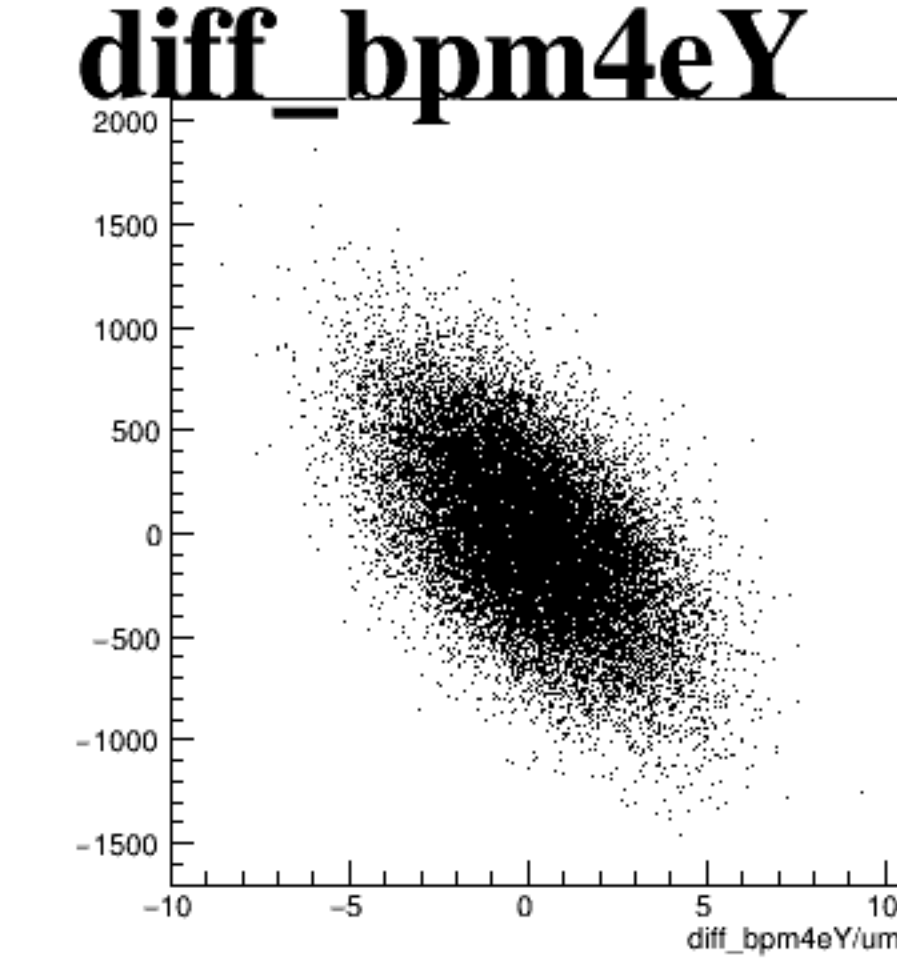
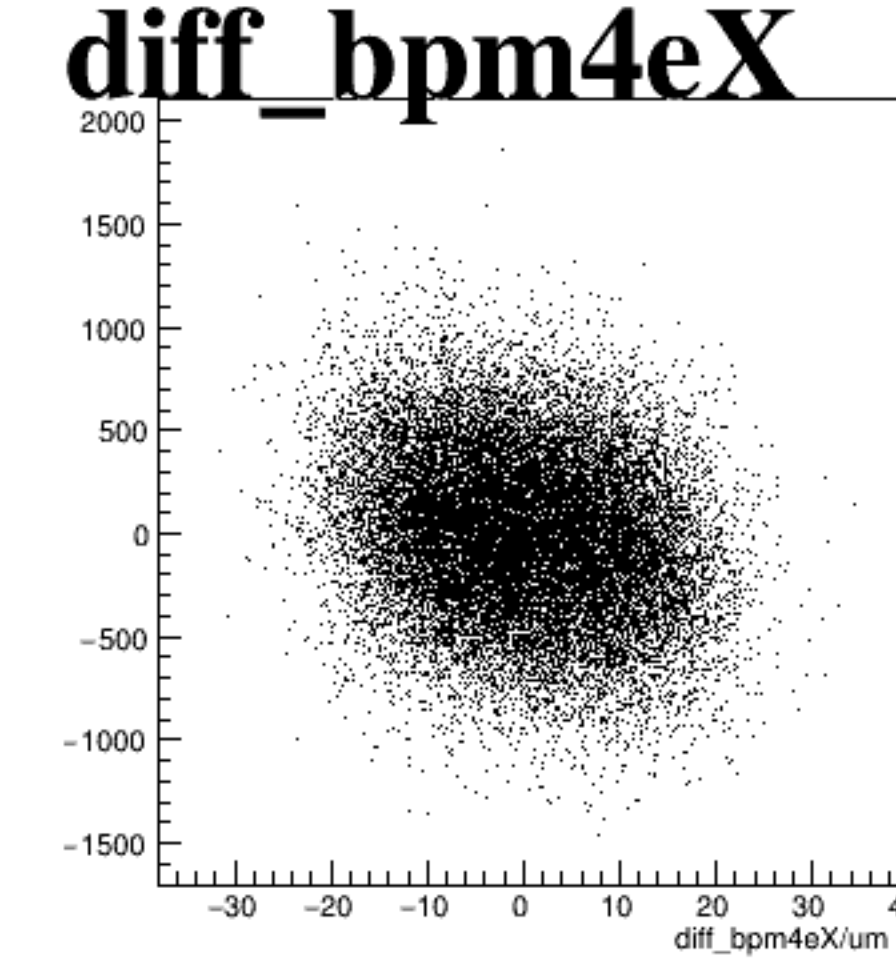
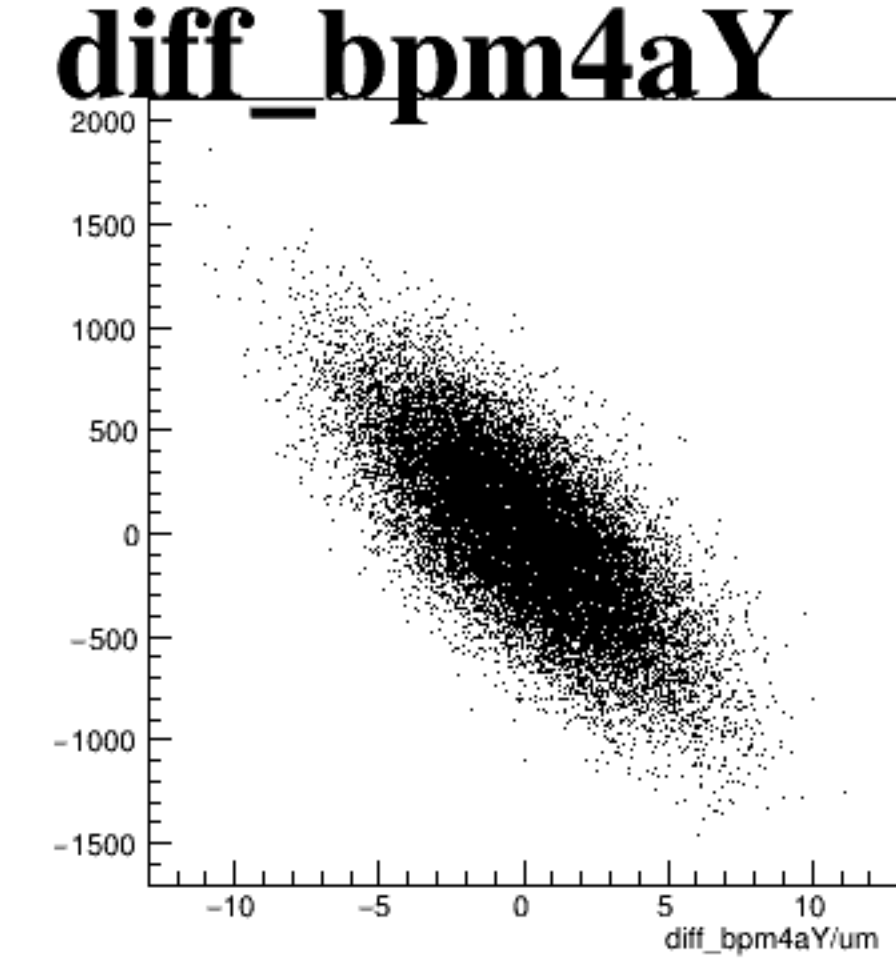
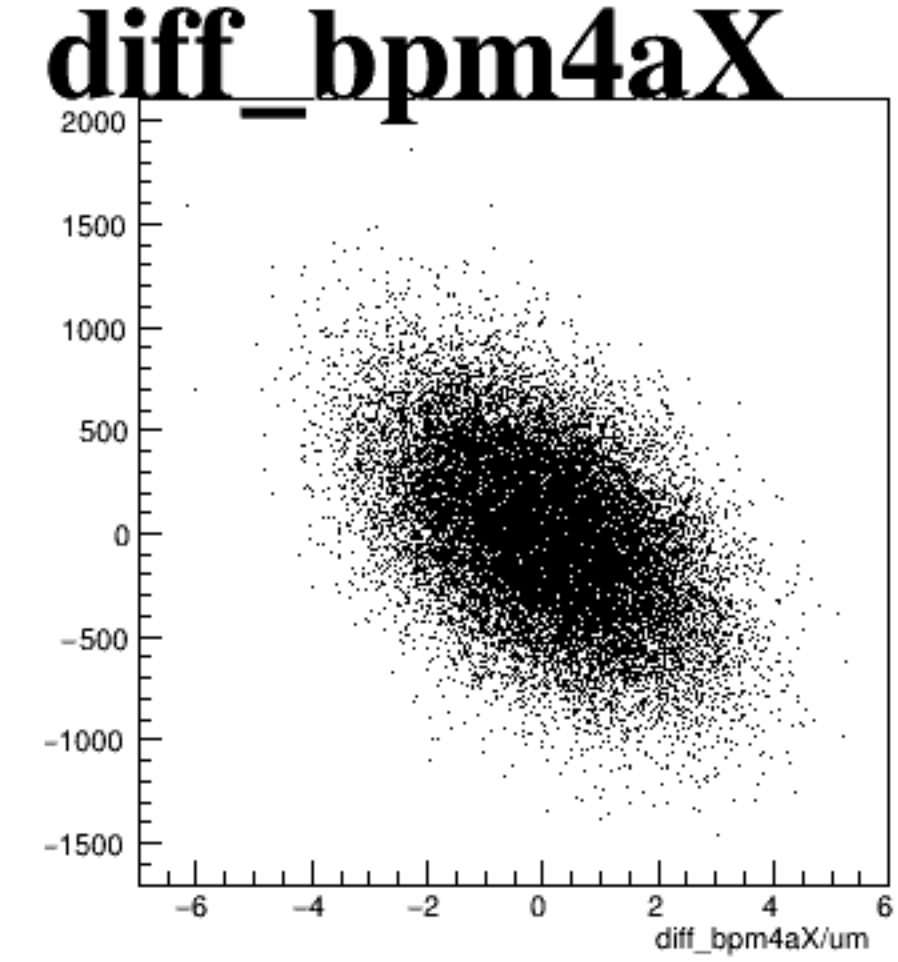
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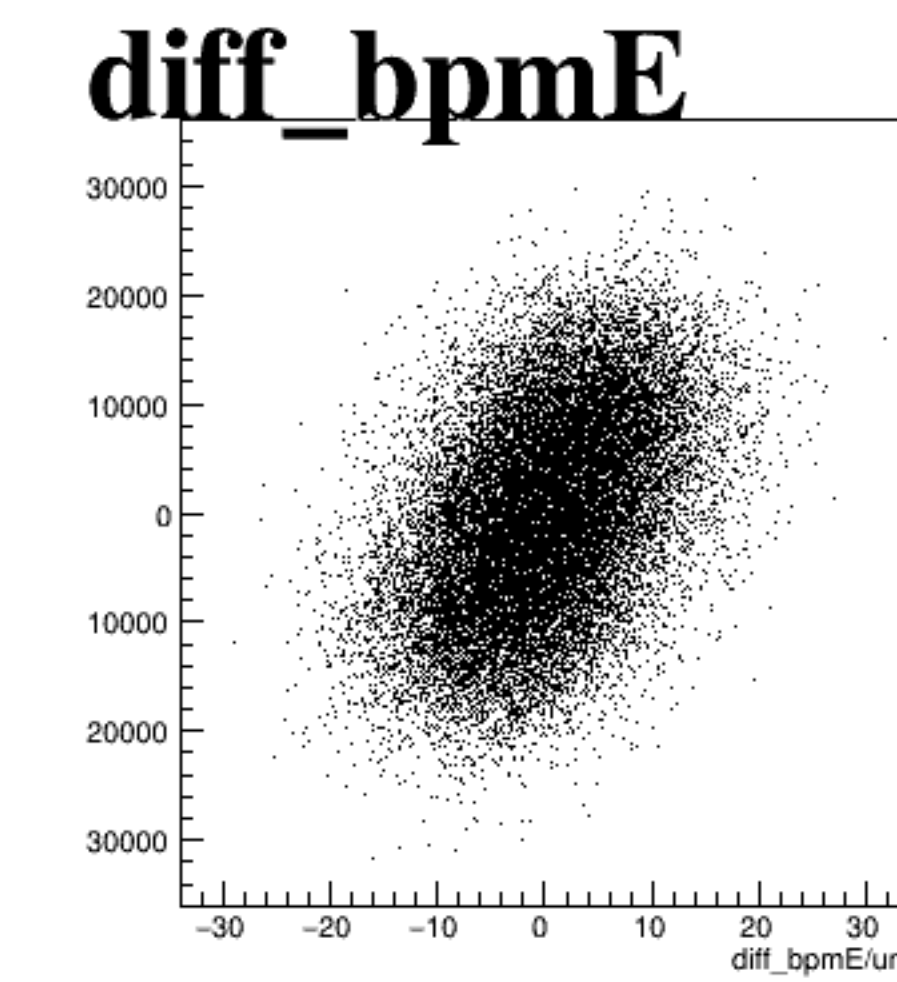
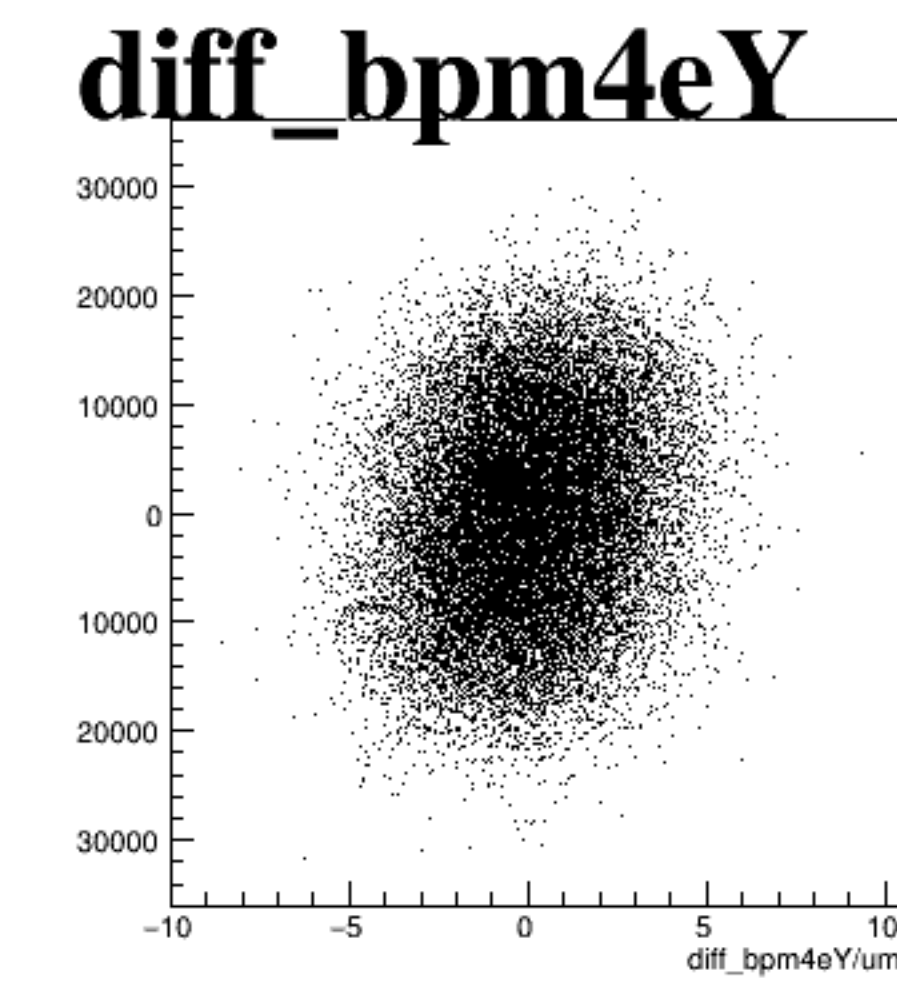
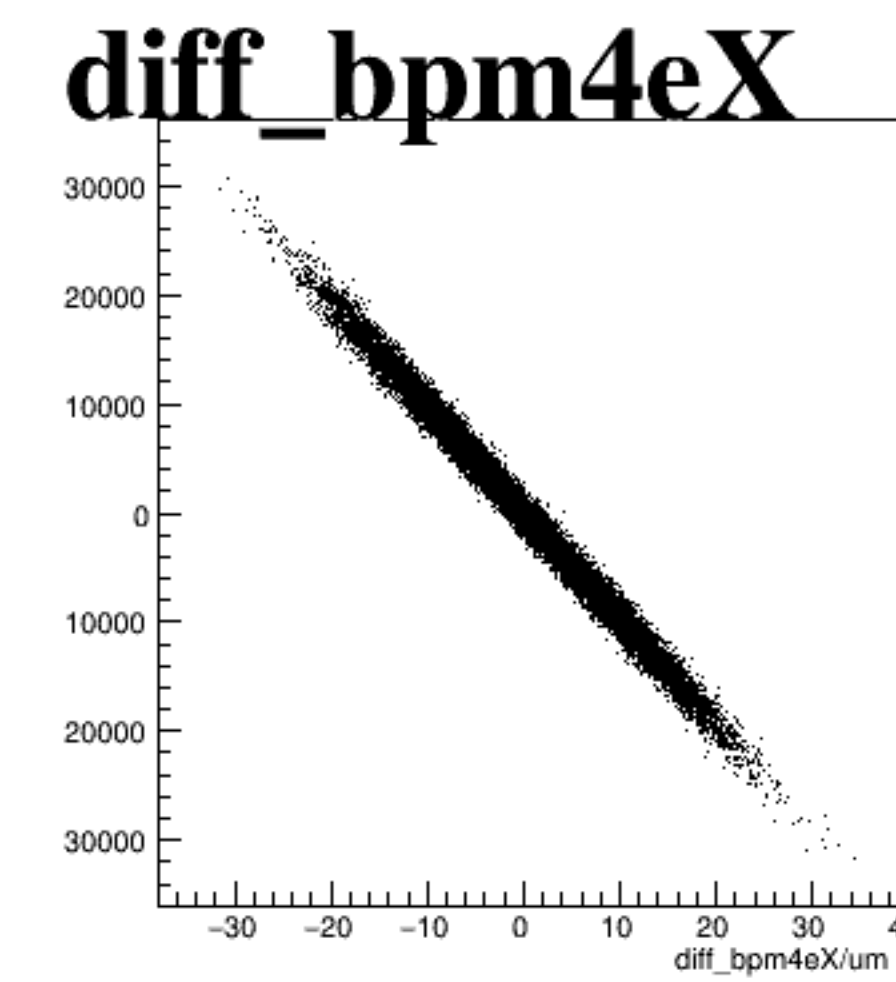
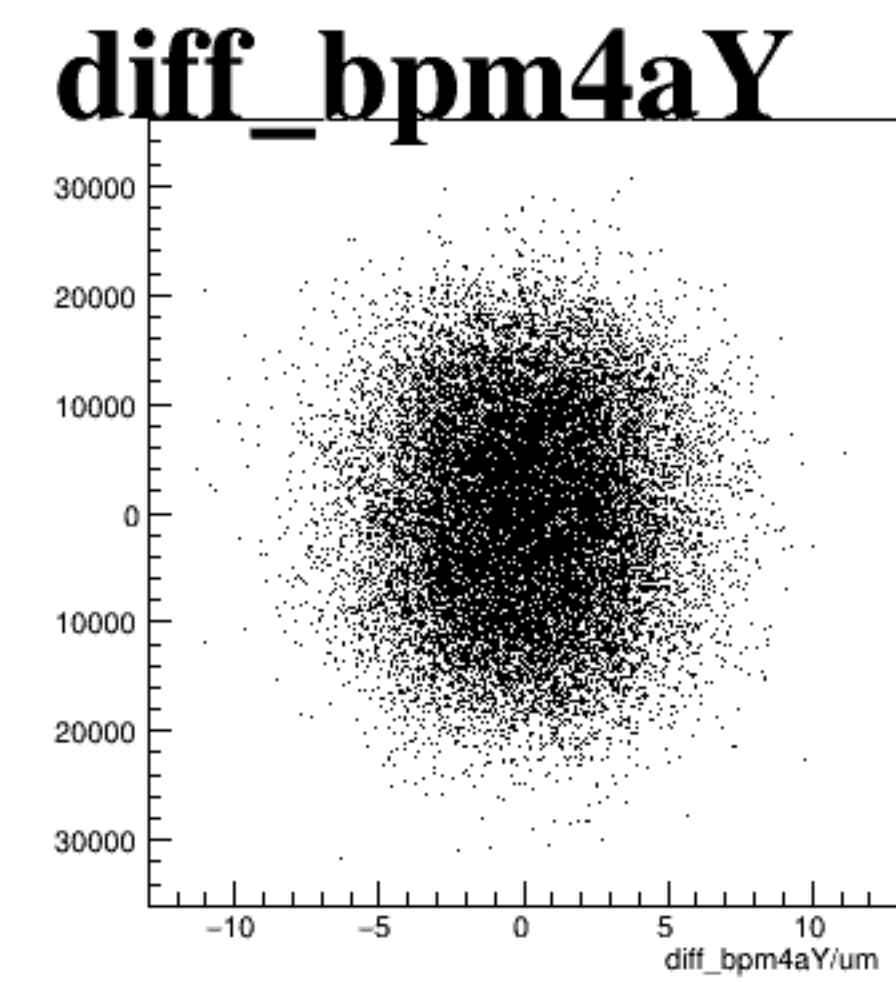
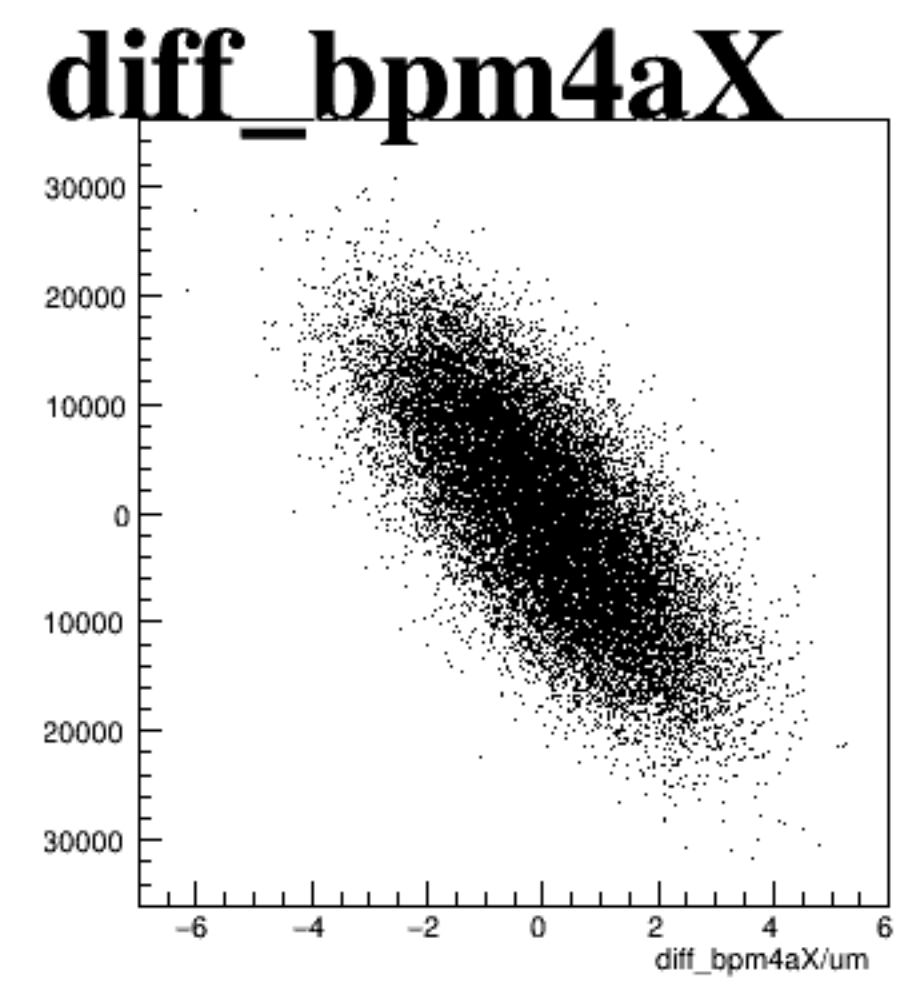
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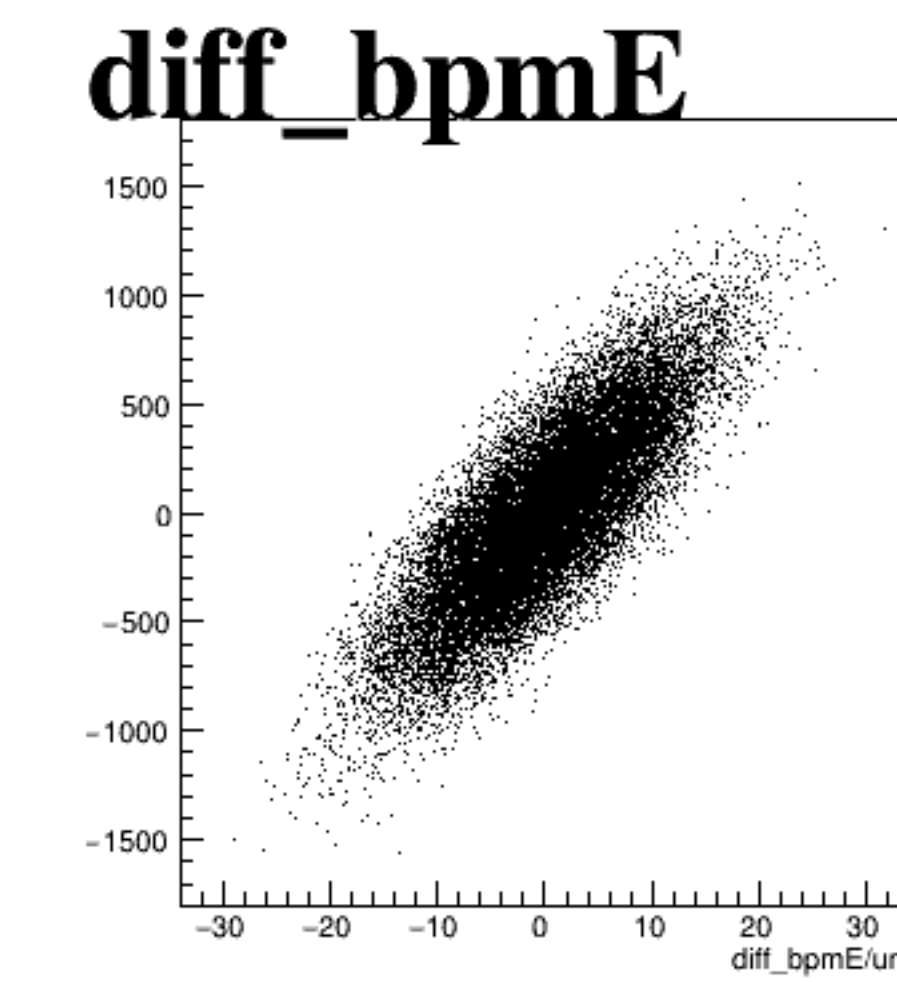
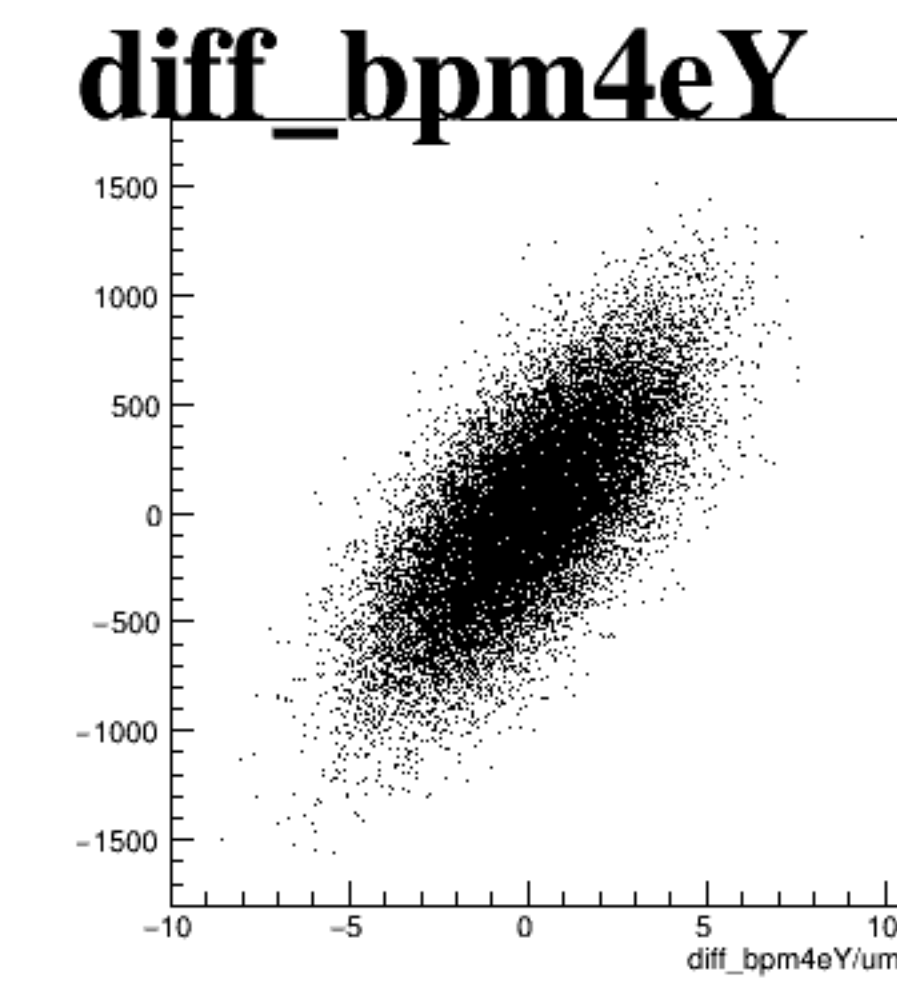
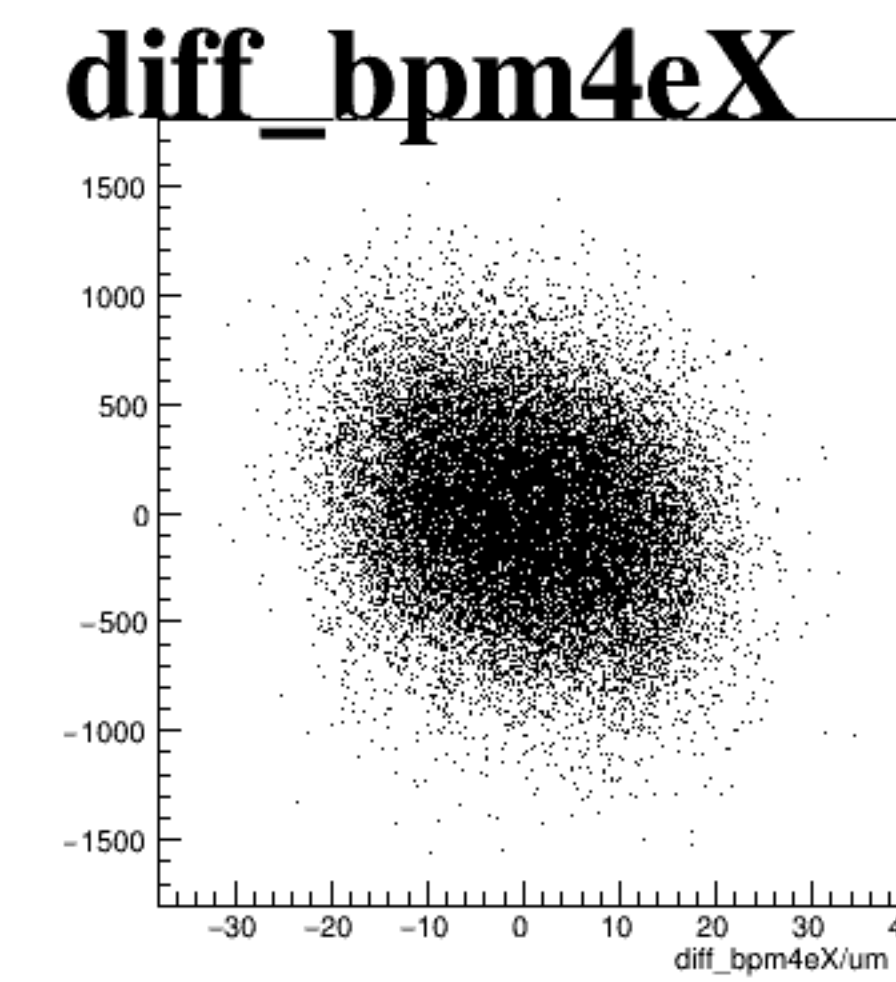
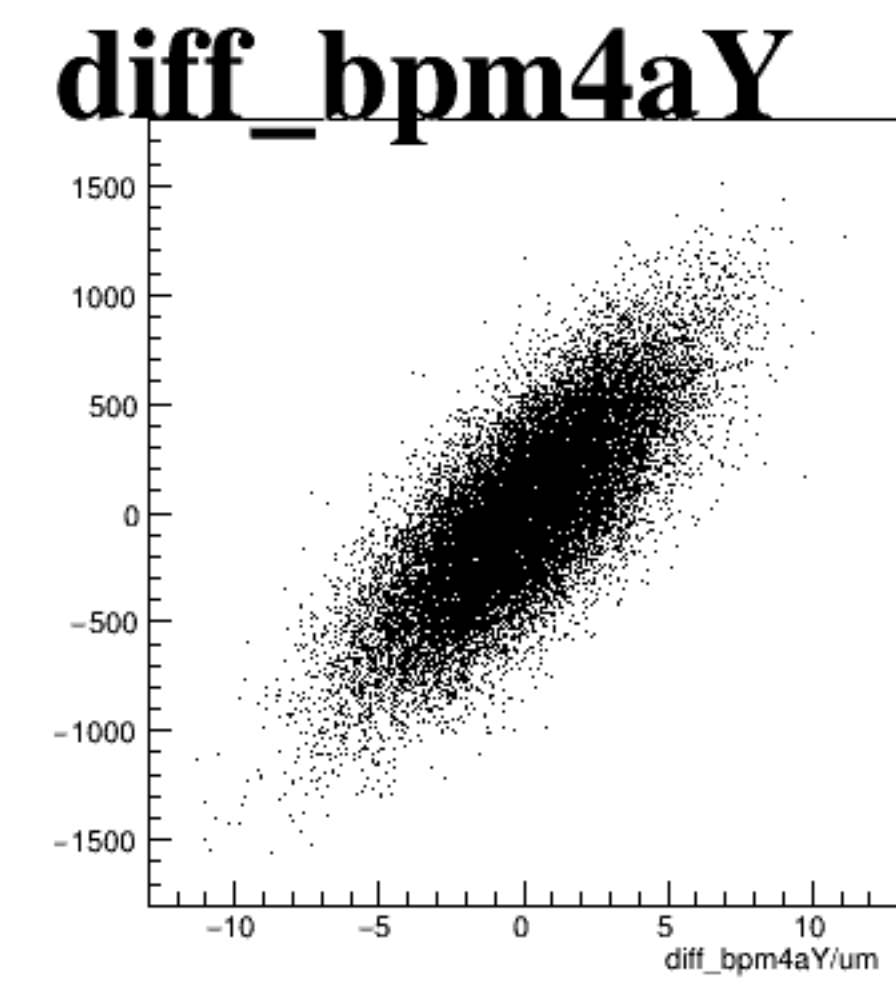
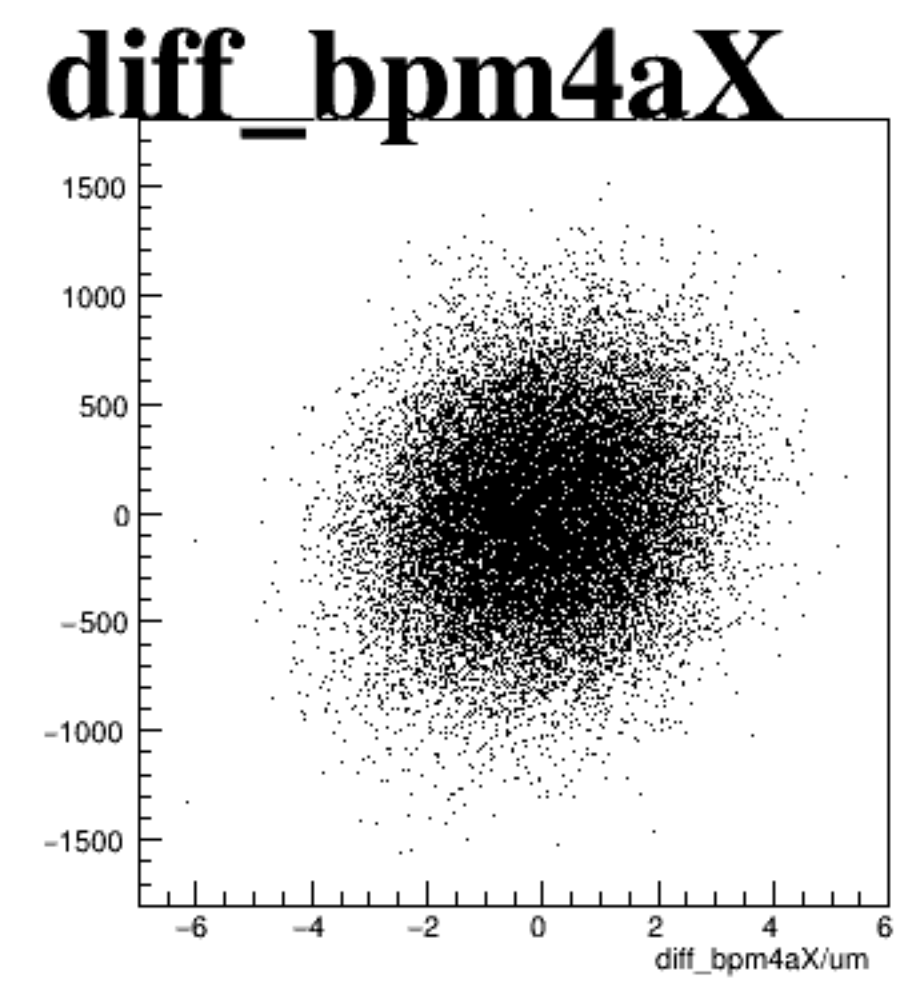
asym_sam1



asym_sam3



asym_sam5



asym_sam7

