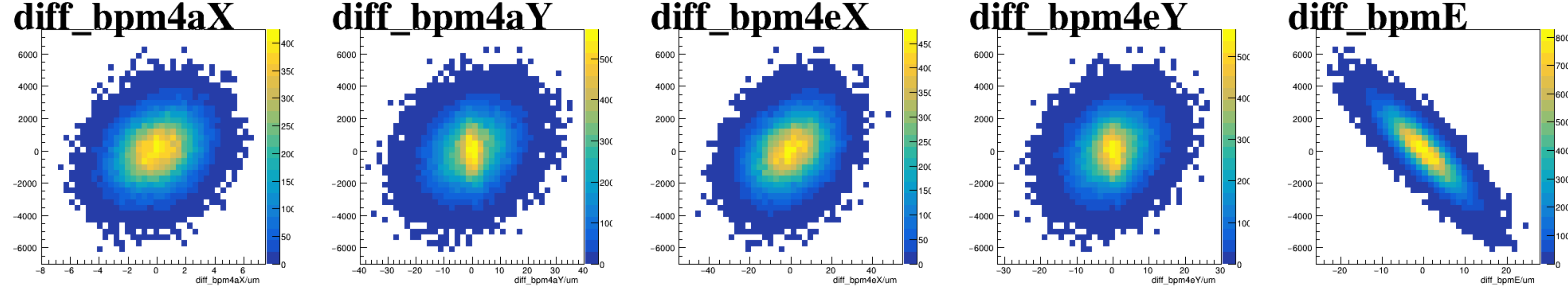
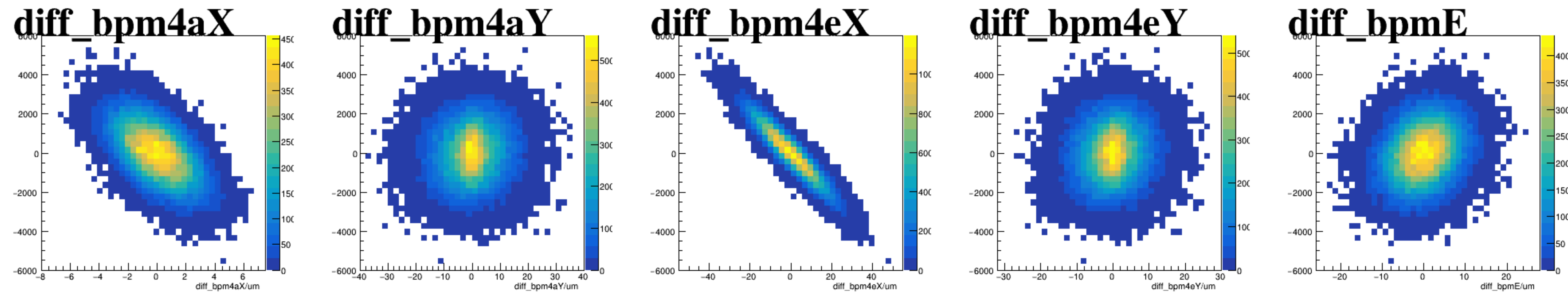


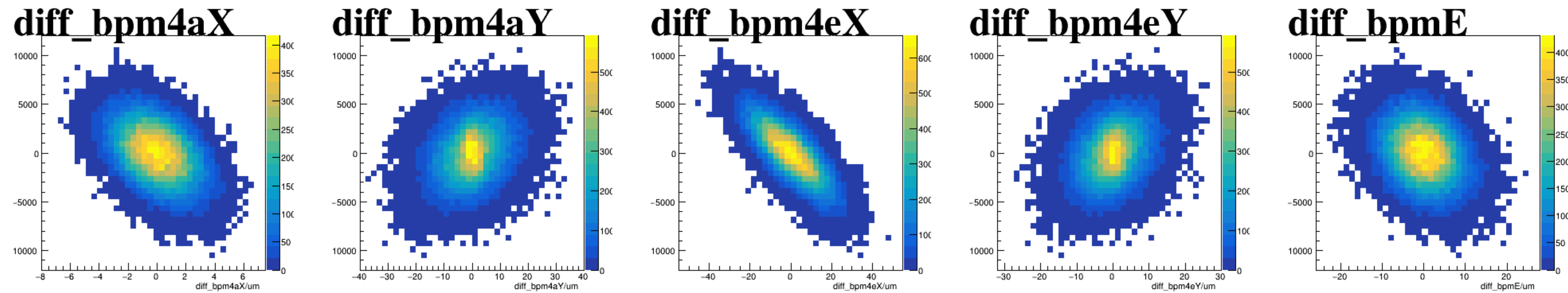
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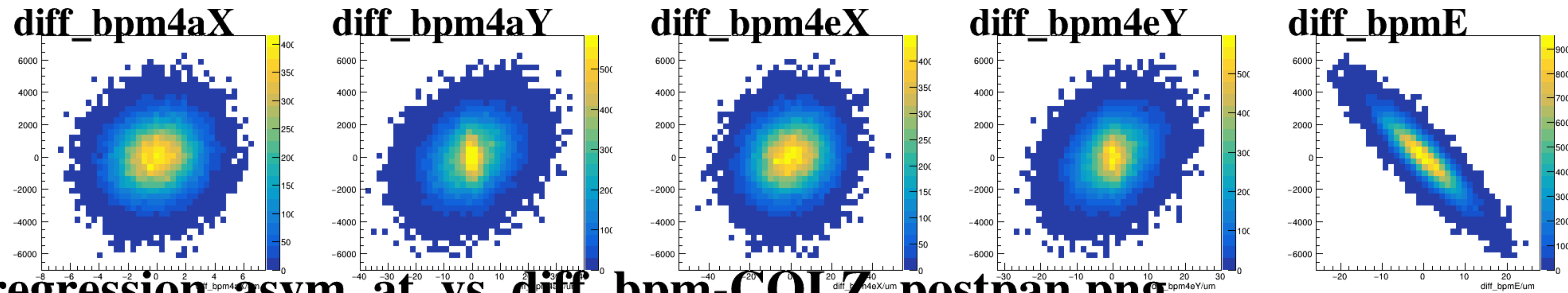
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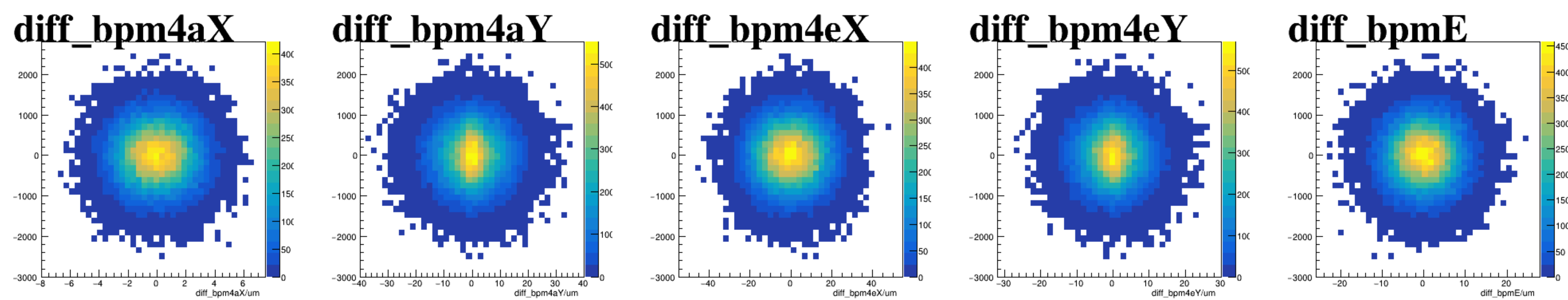
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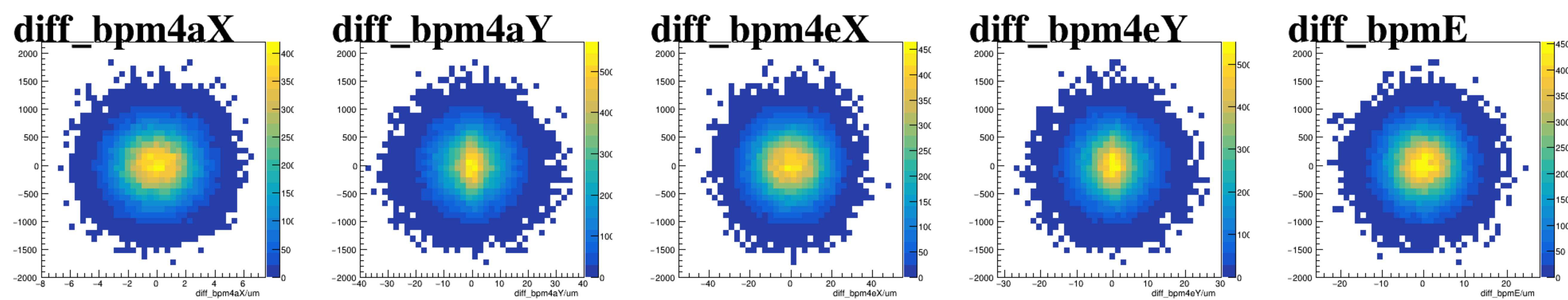
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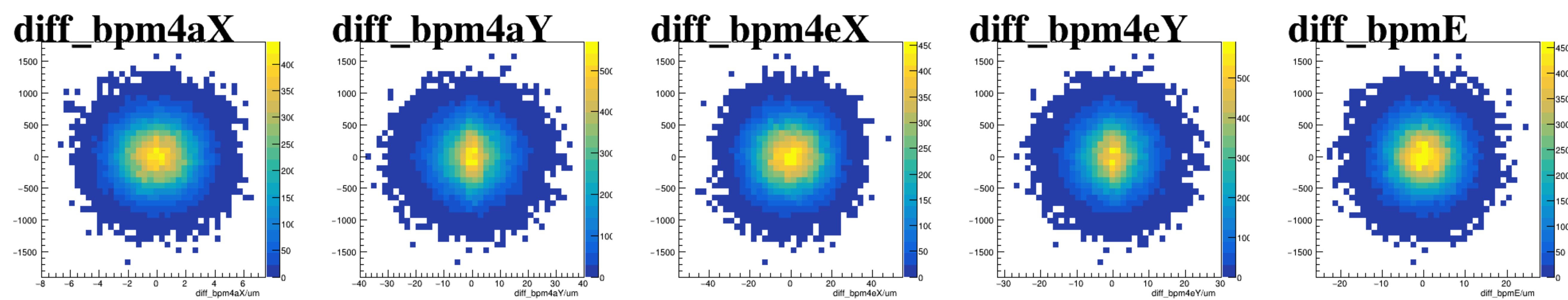
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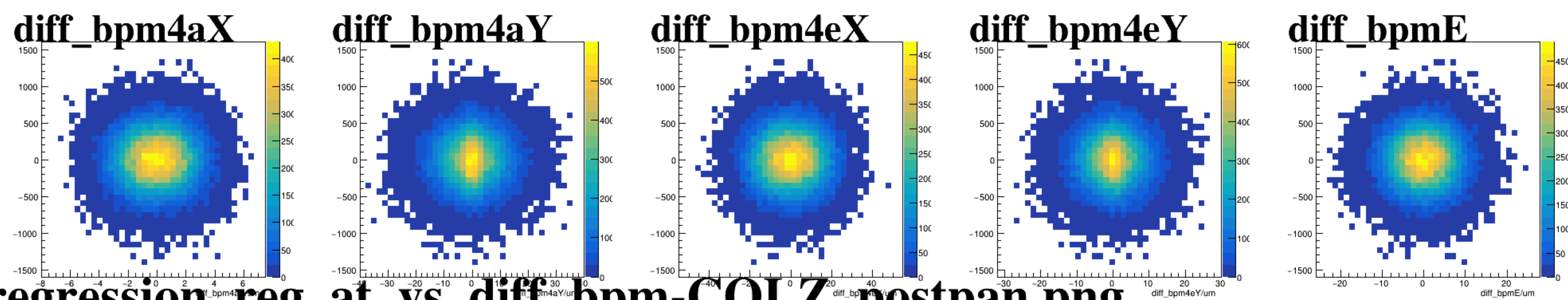
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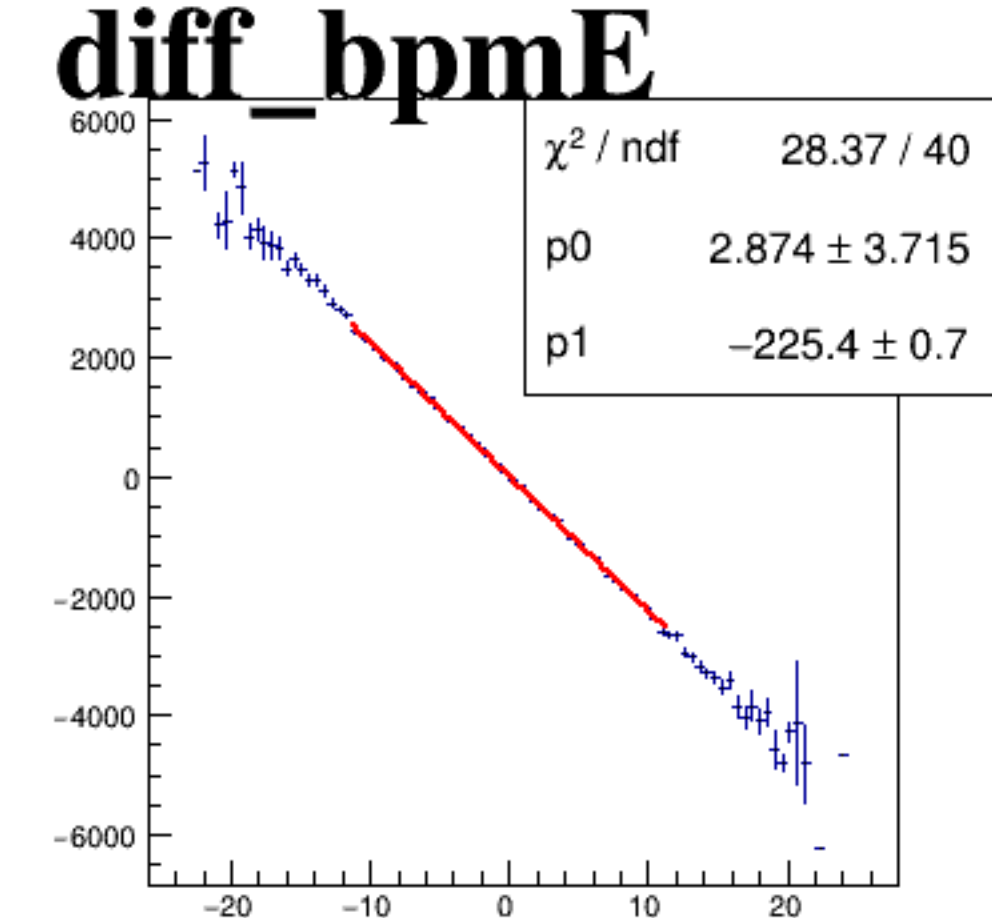
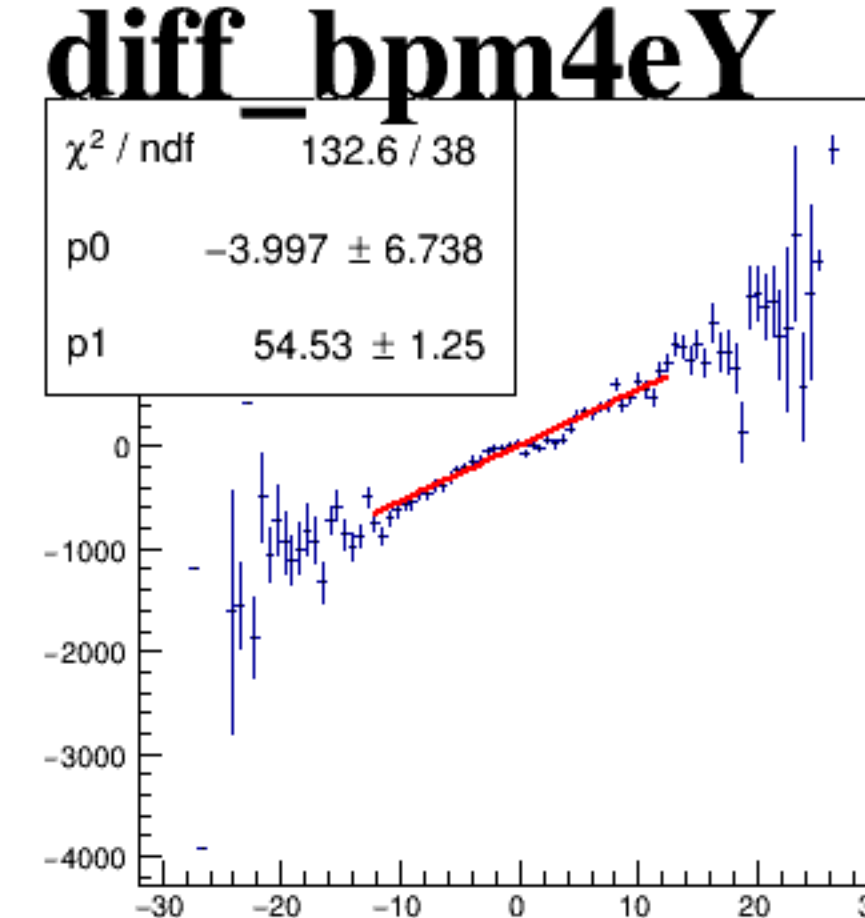
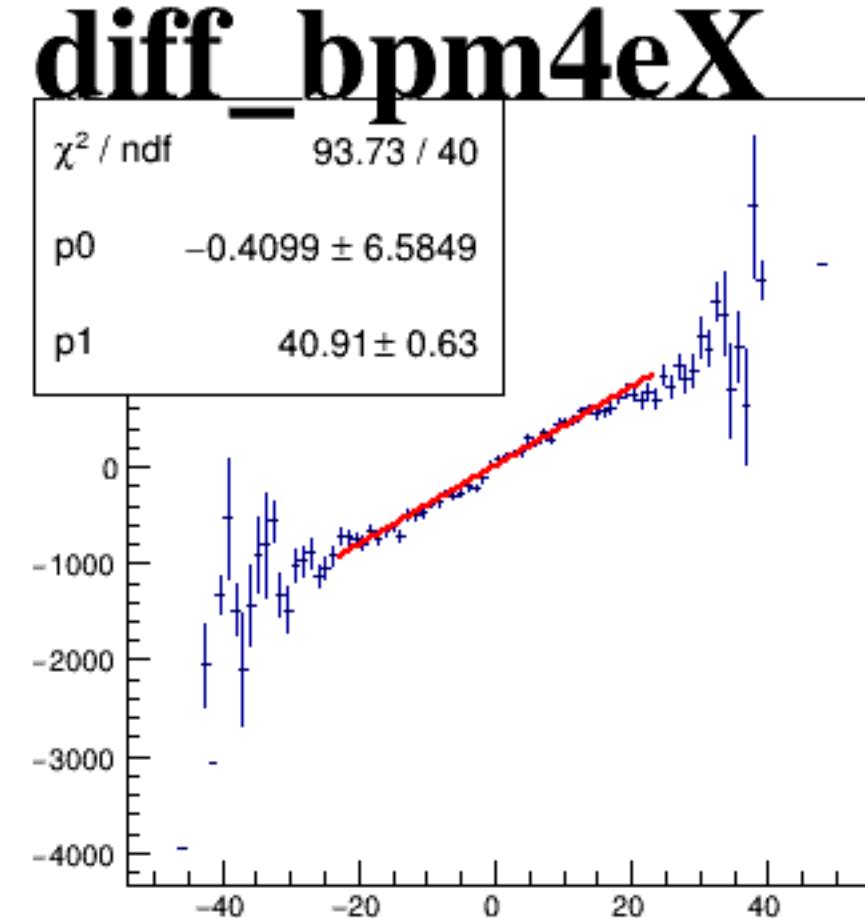
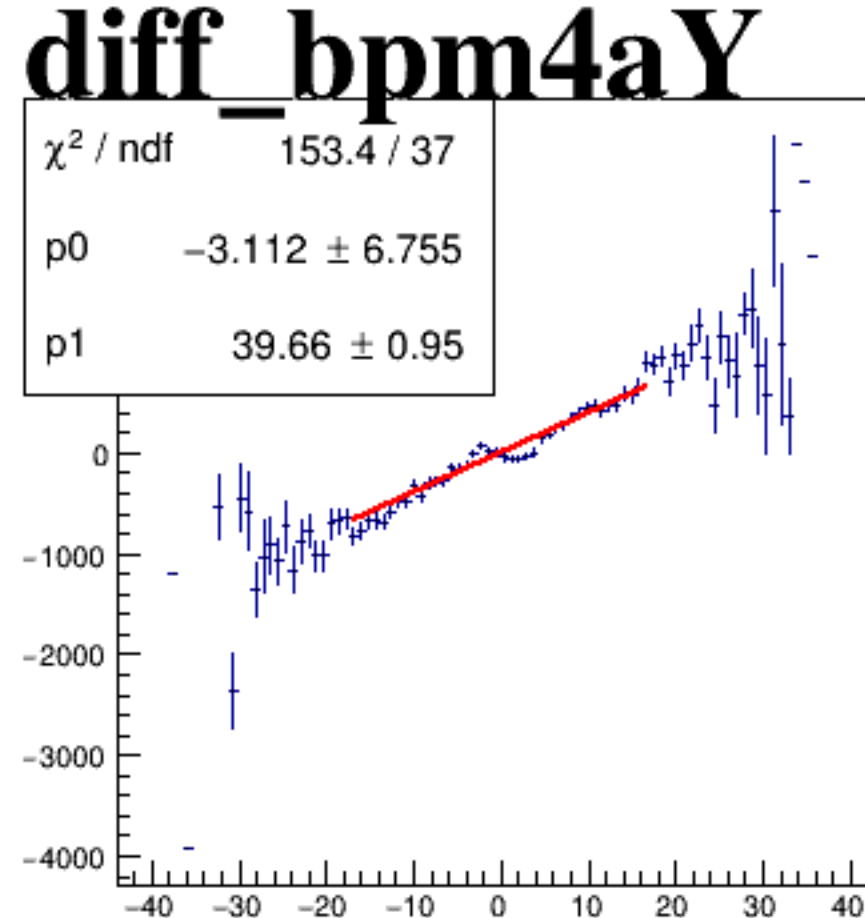
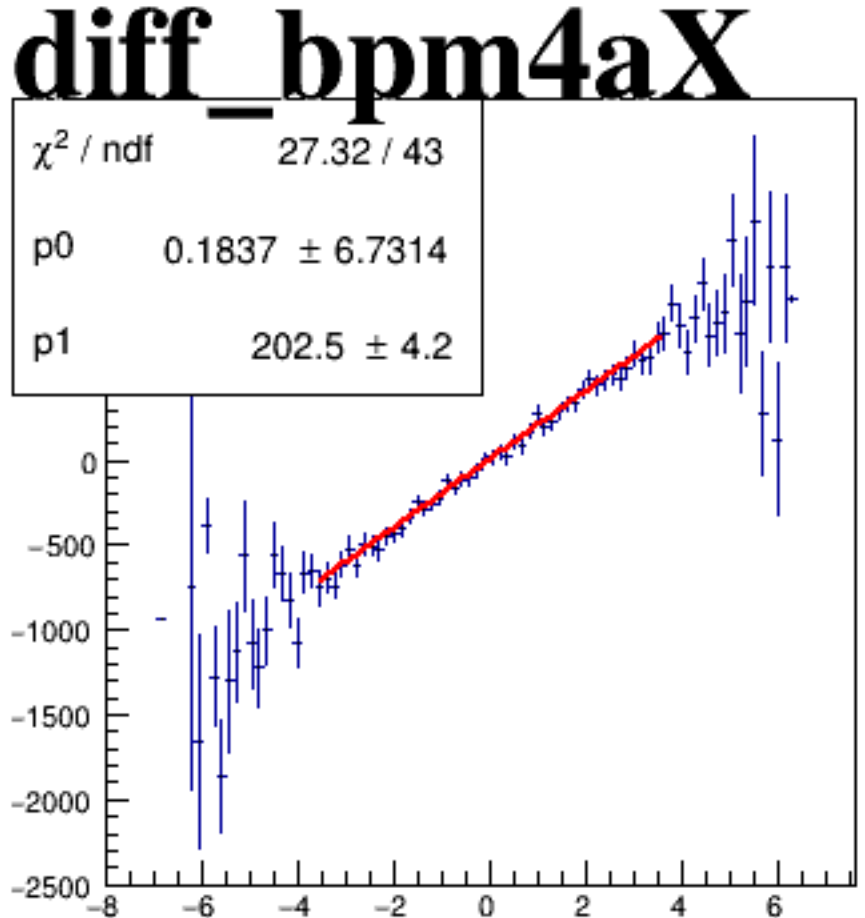
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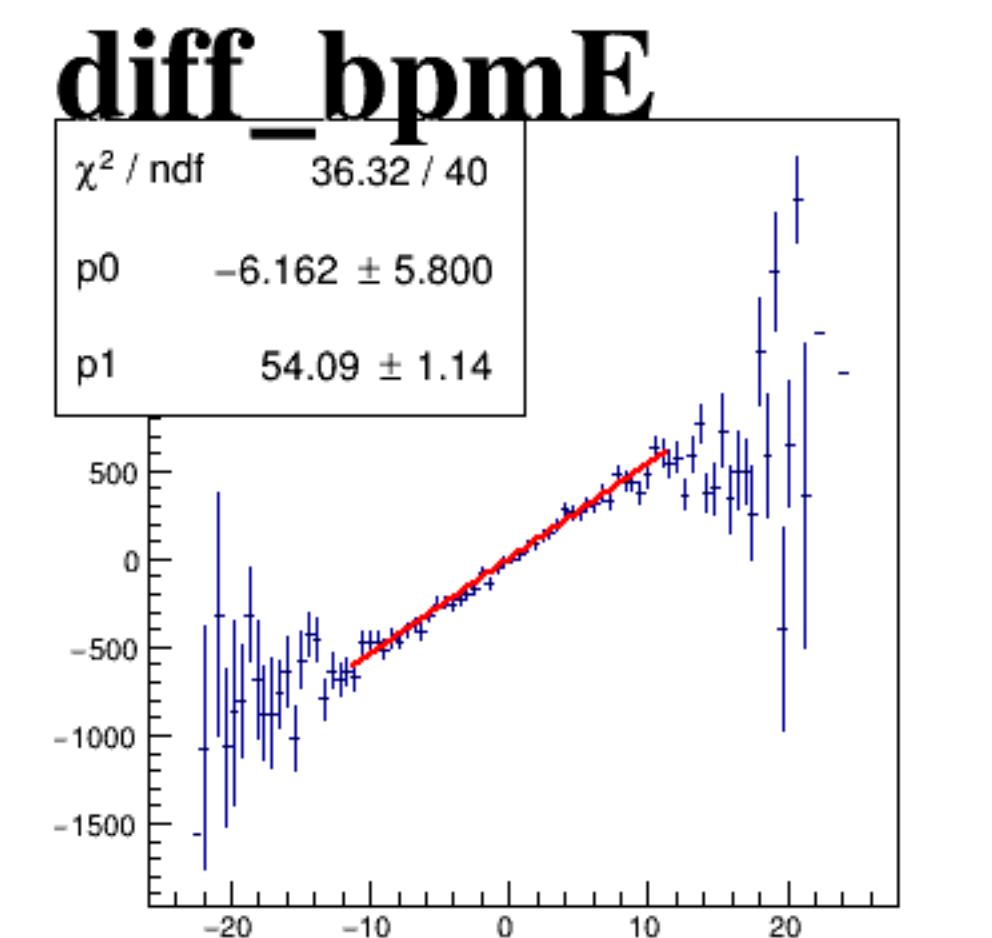
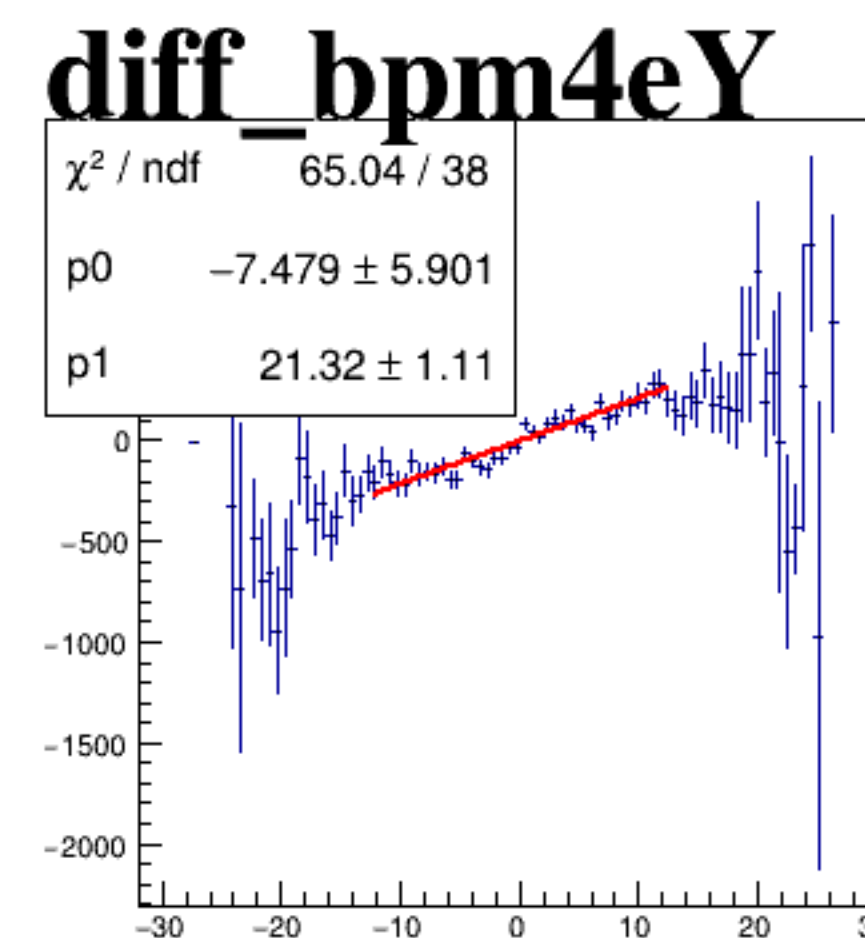
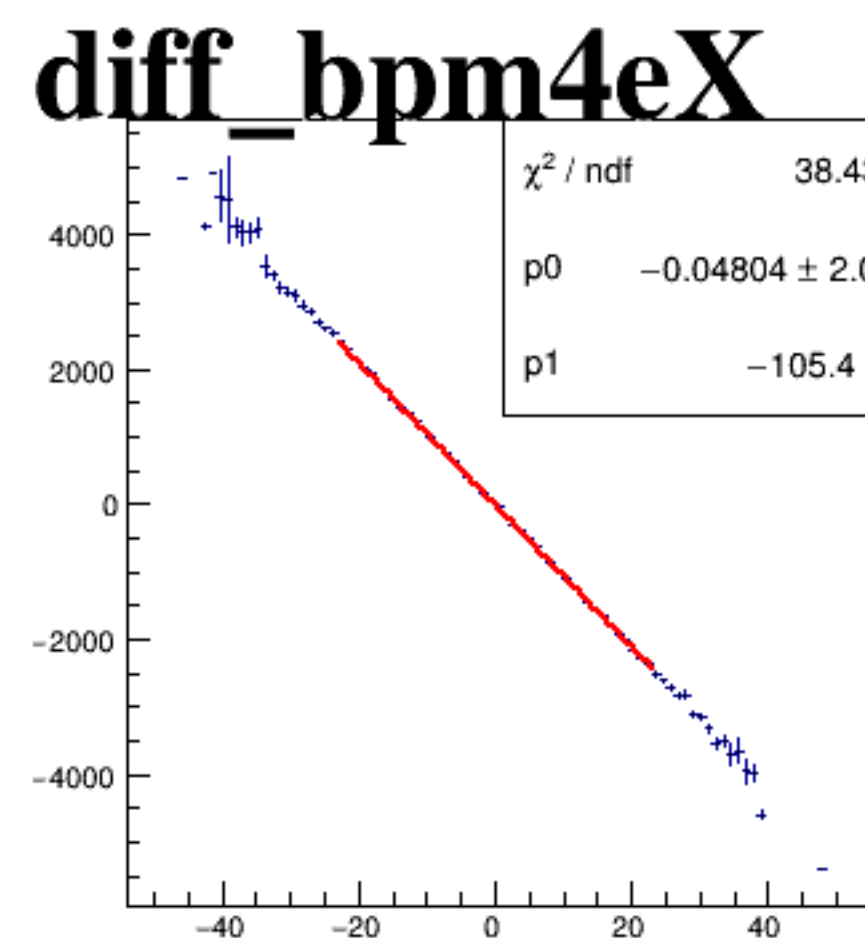
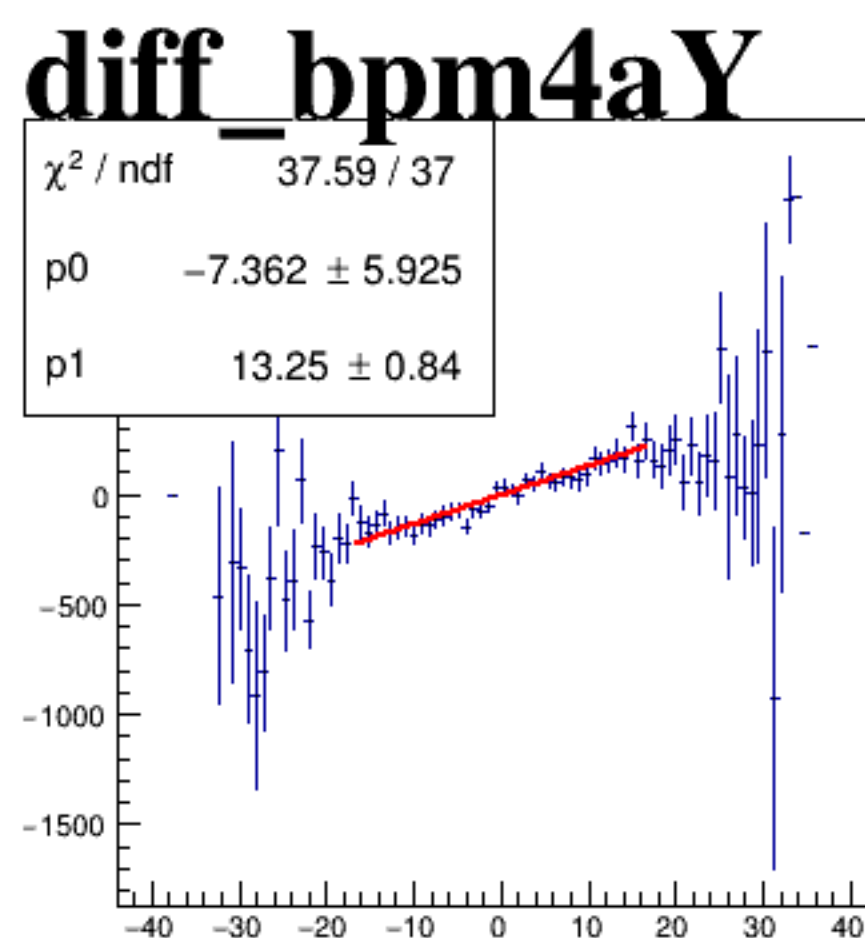
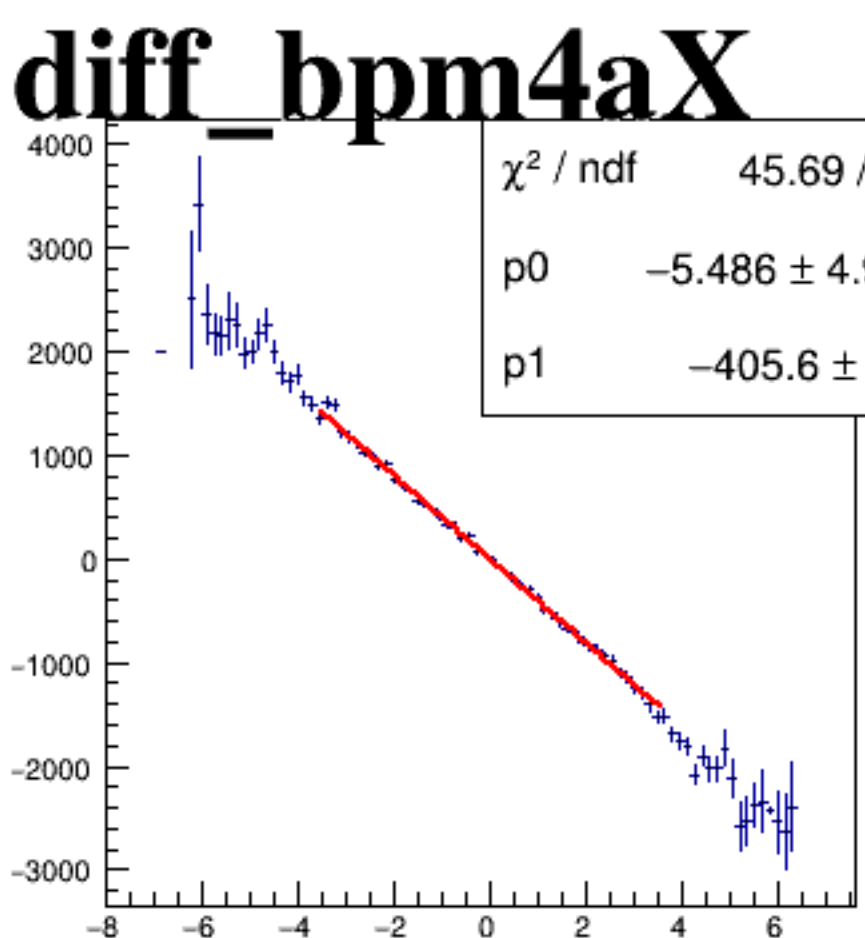
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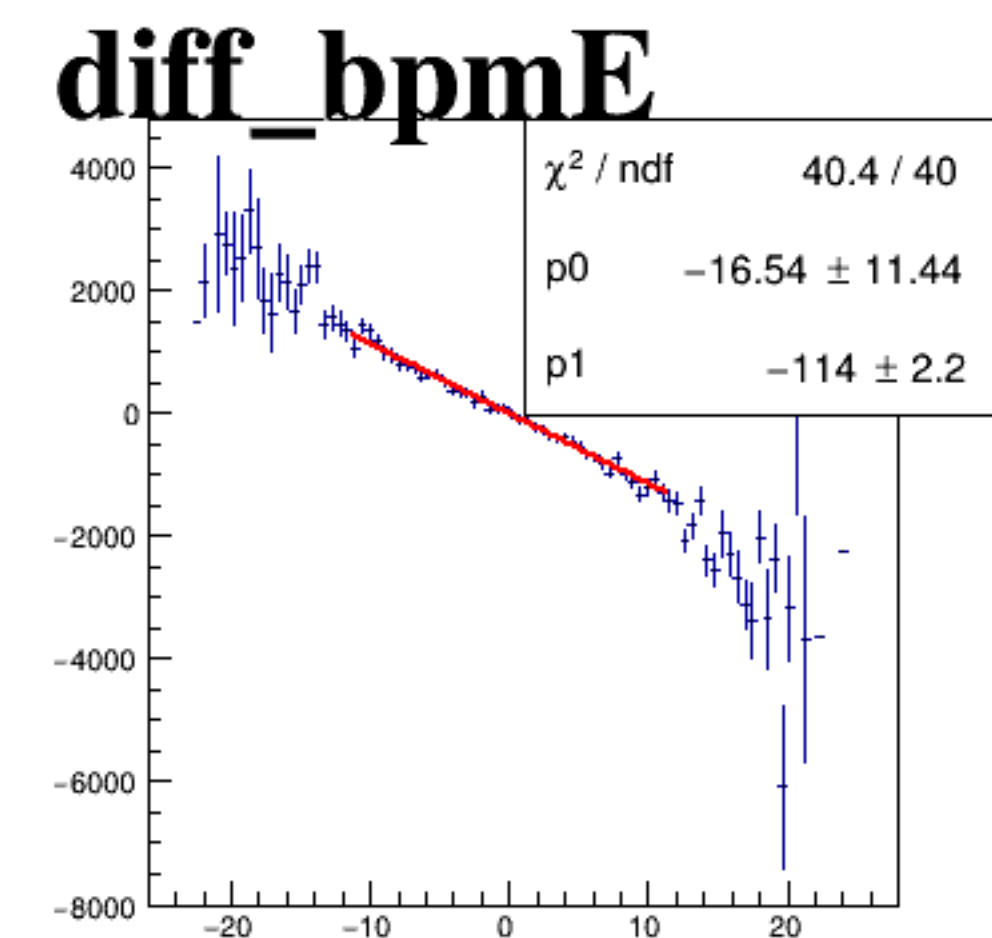
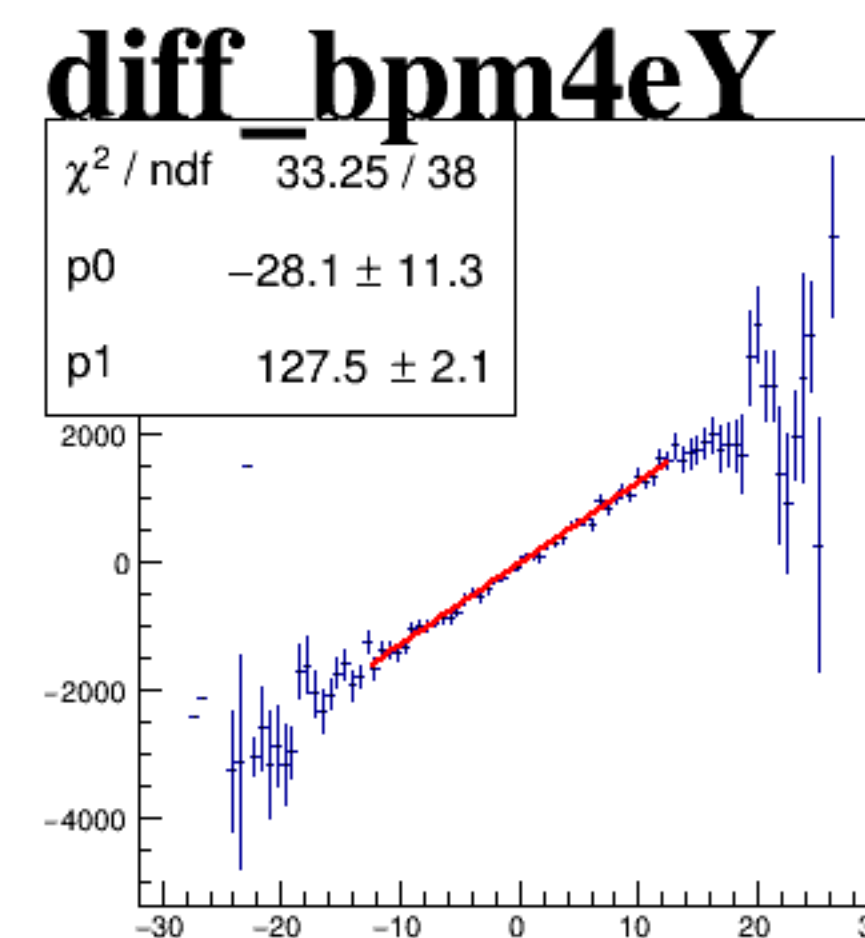
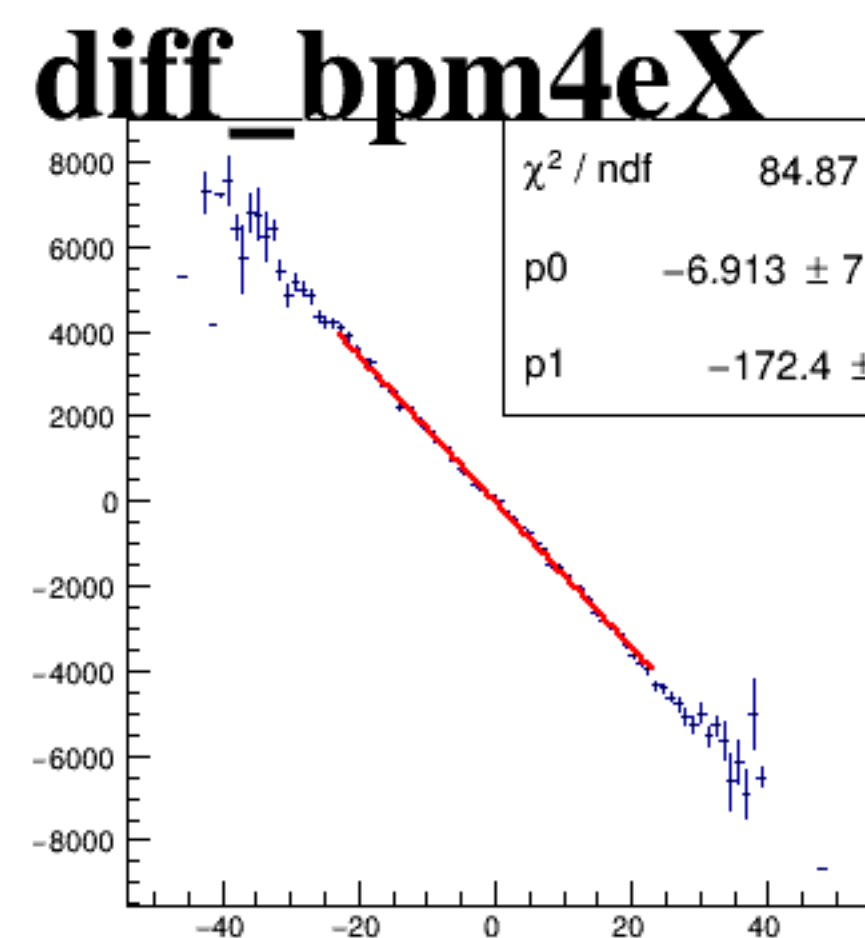
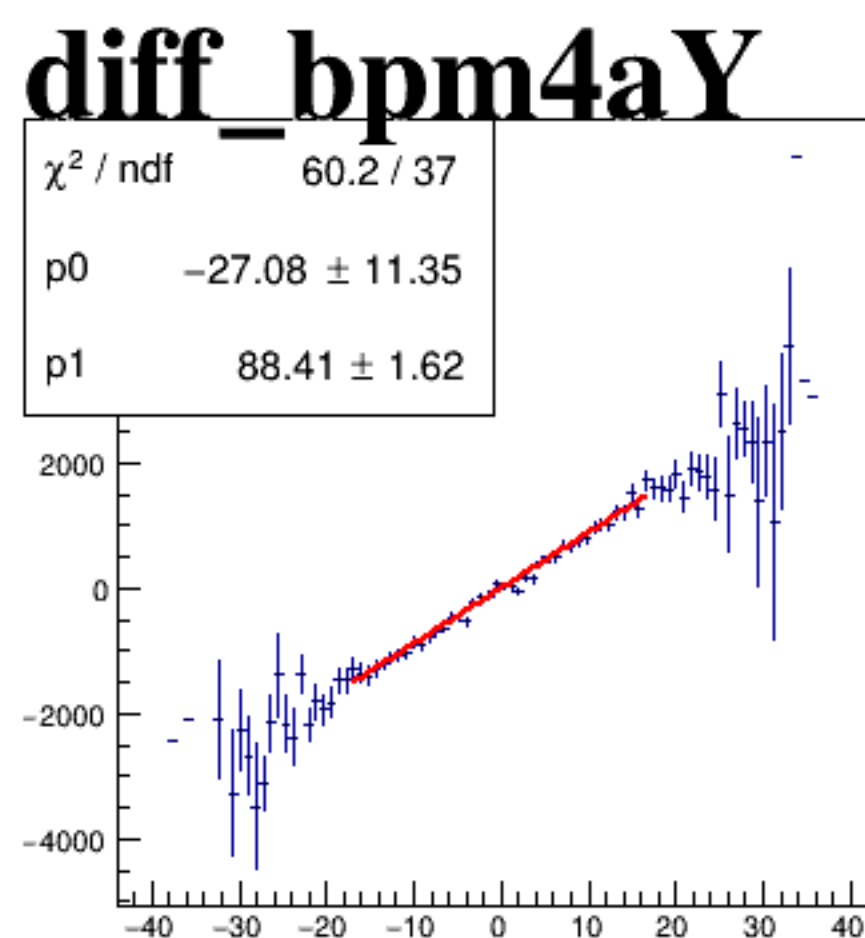
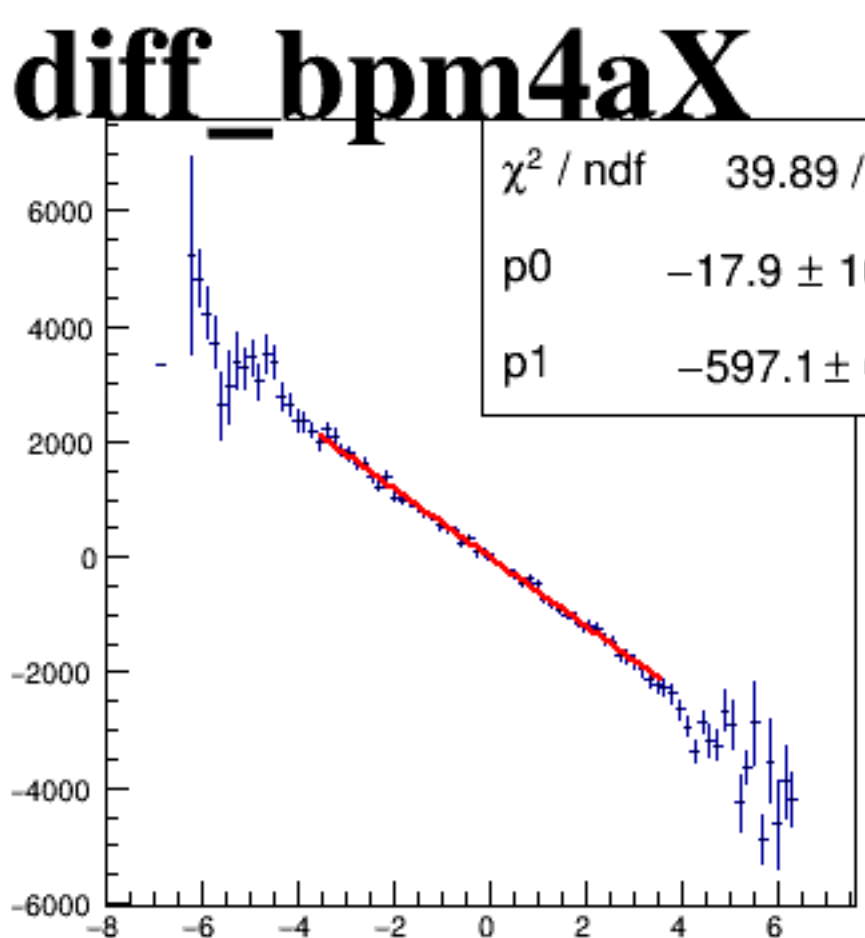
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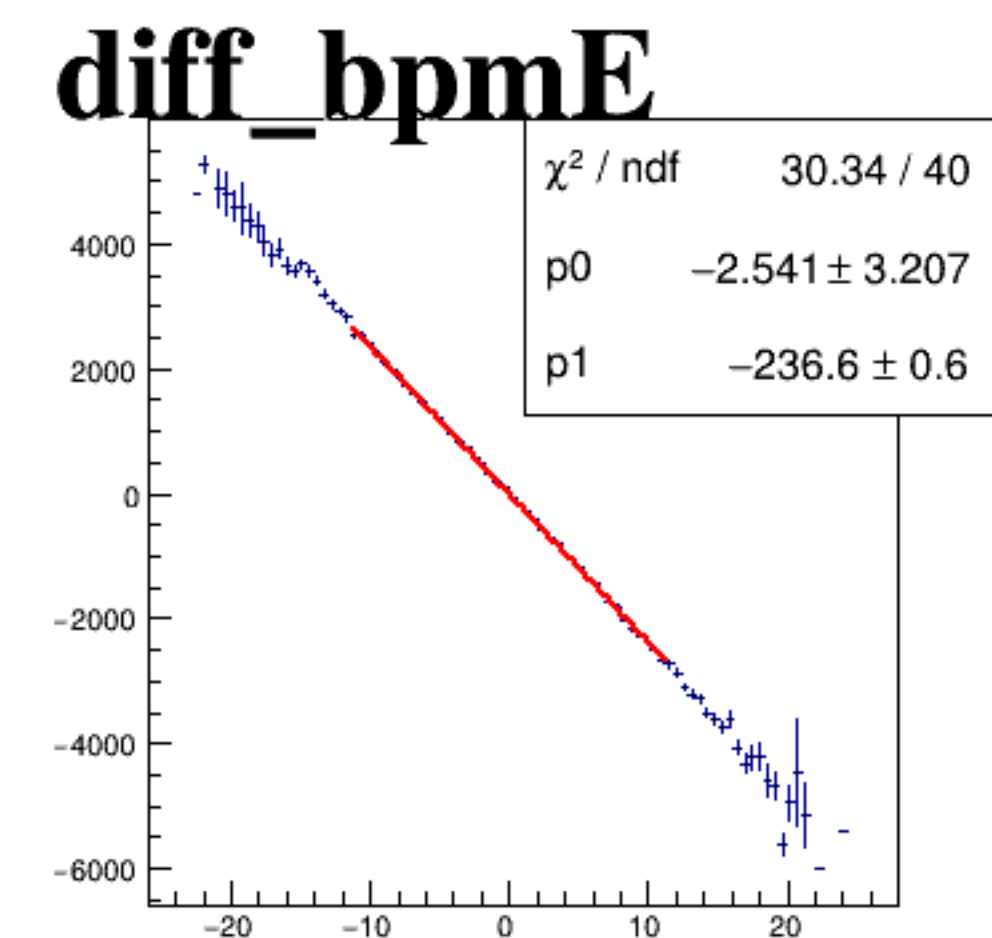
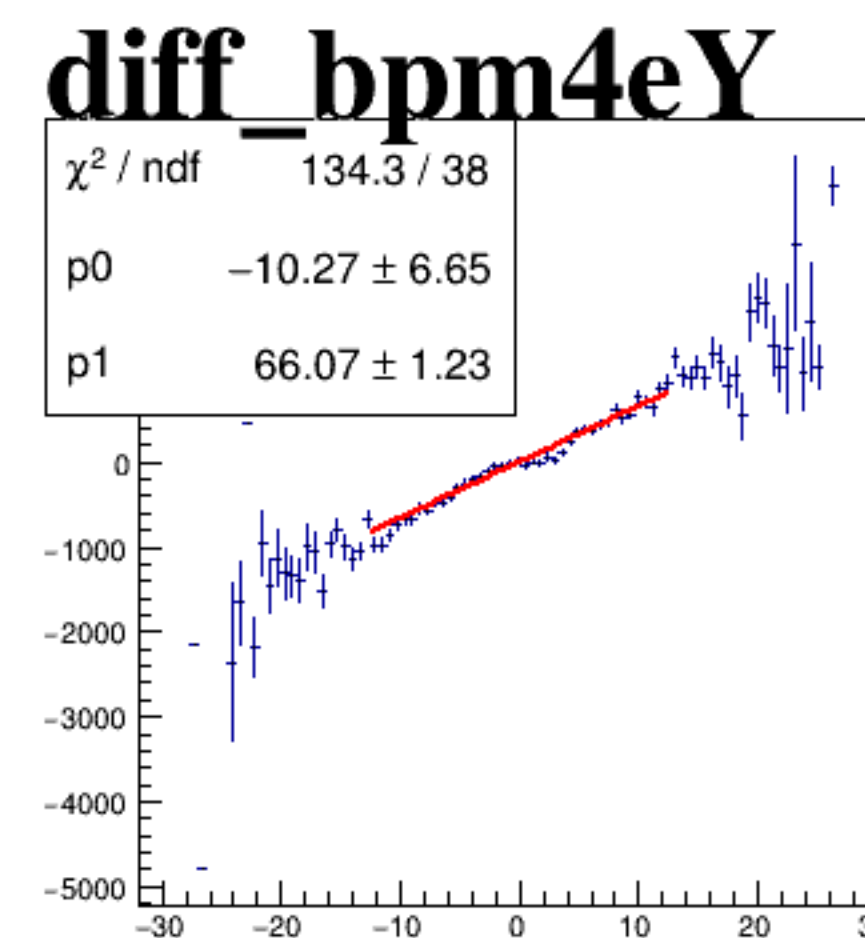
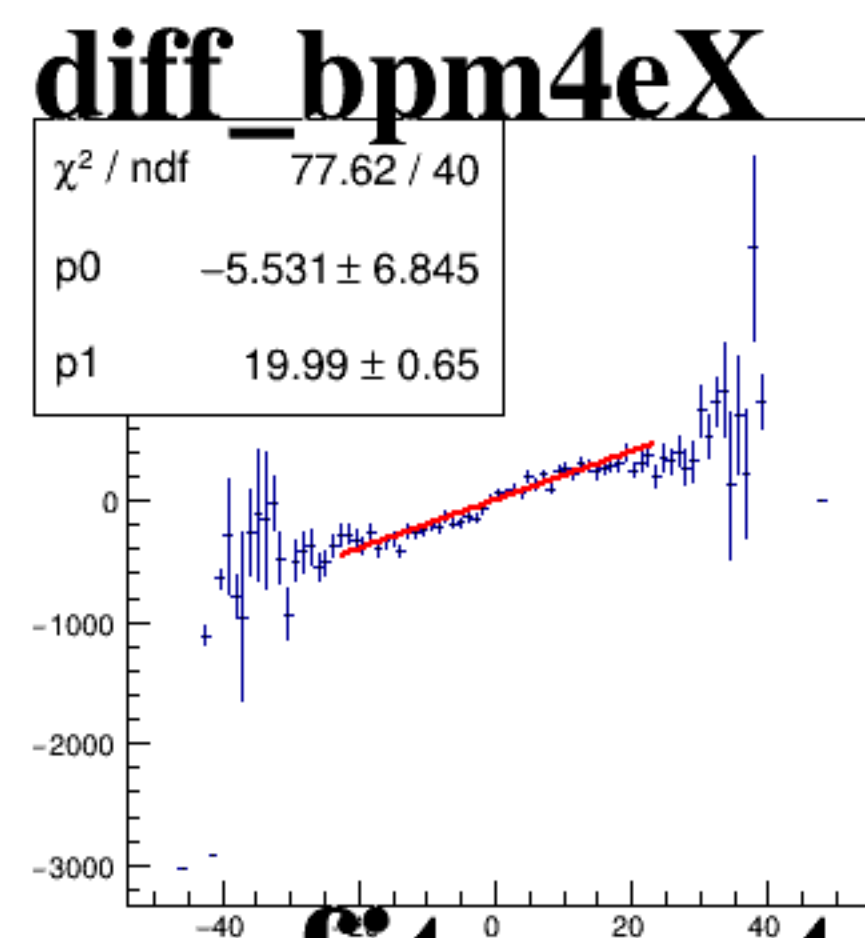
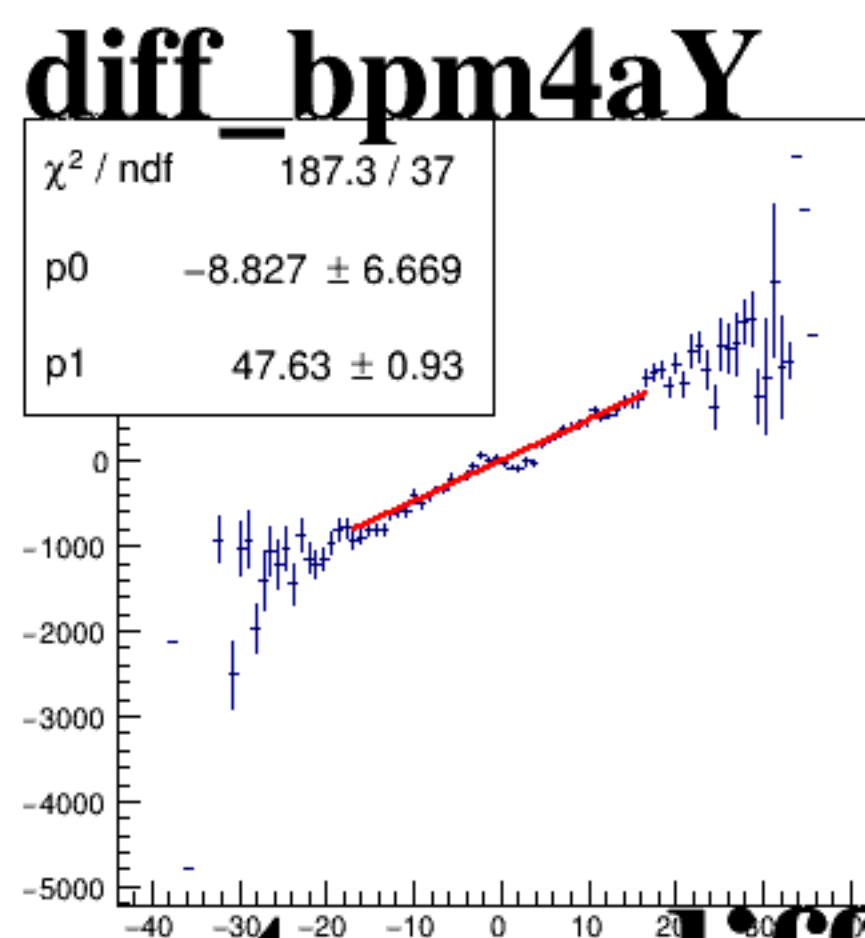
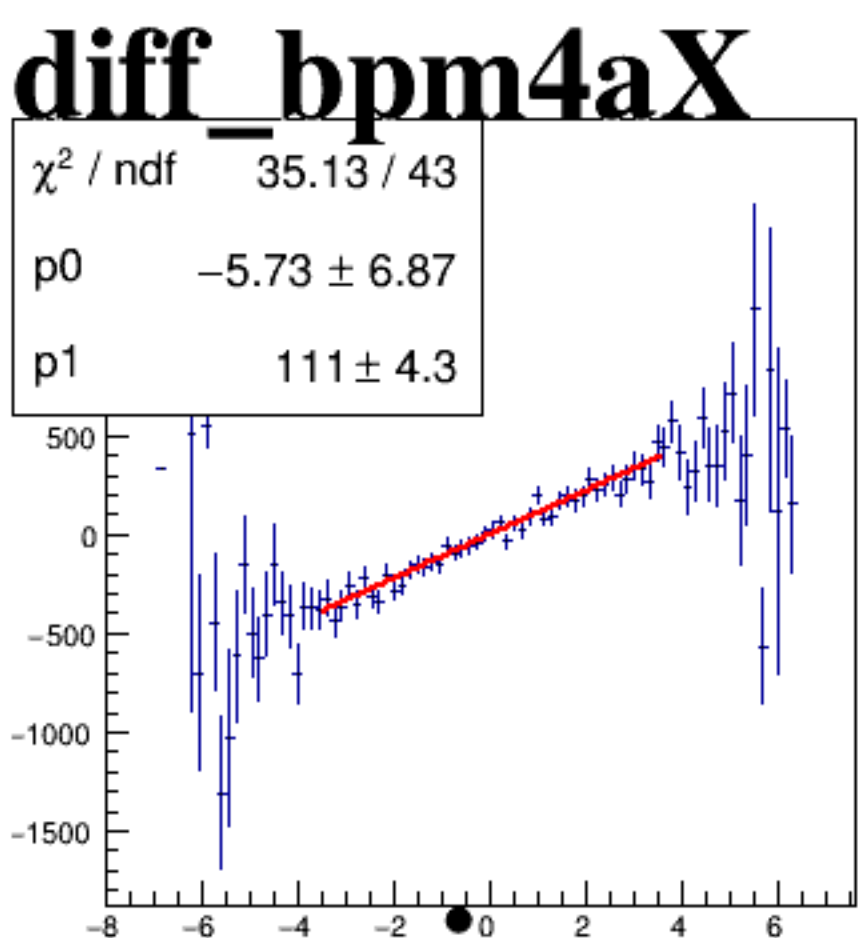
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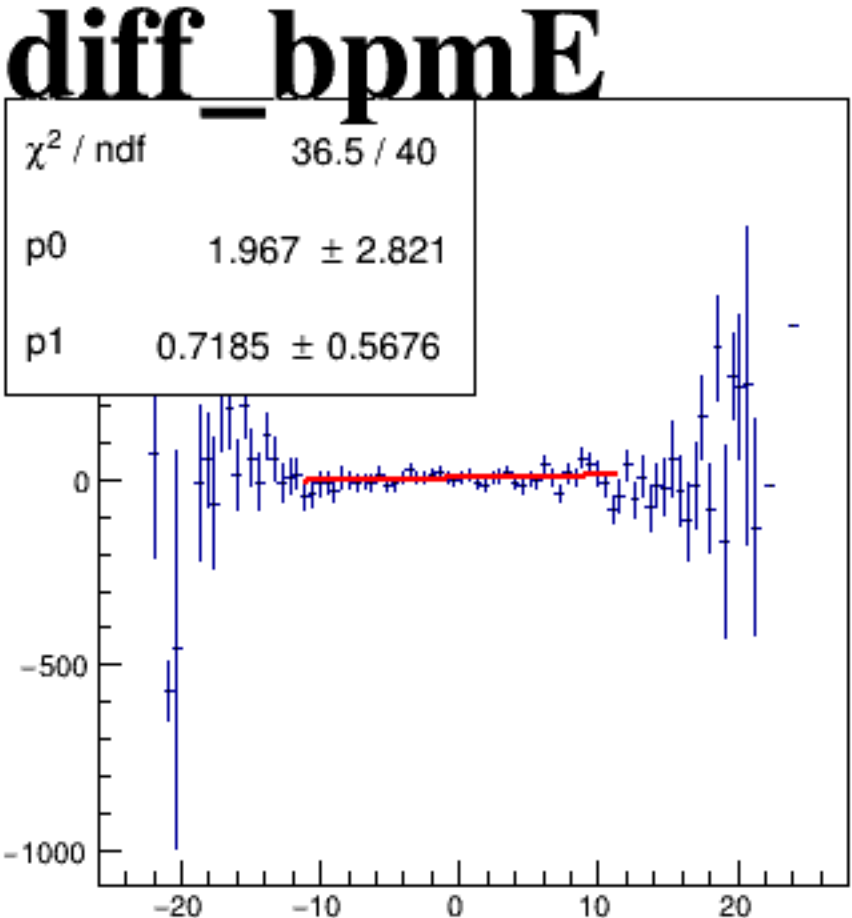
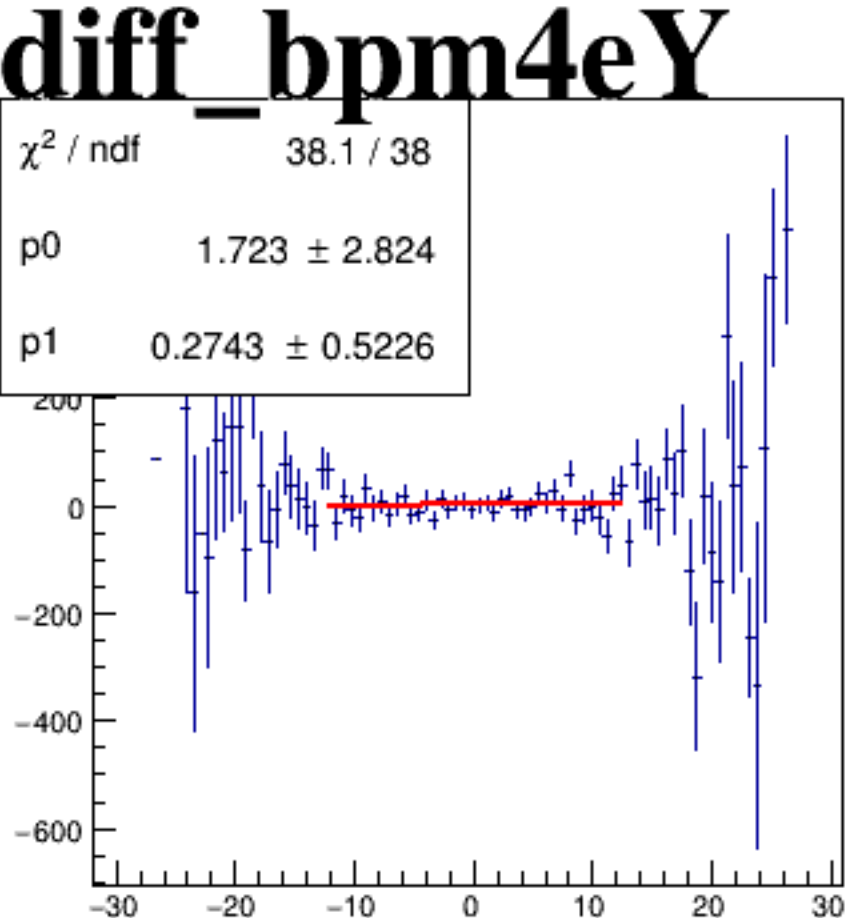
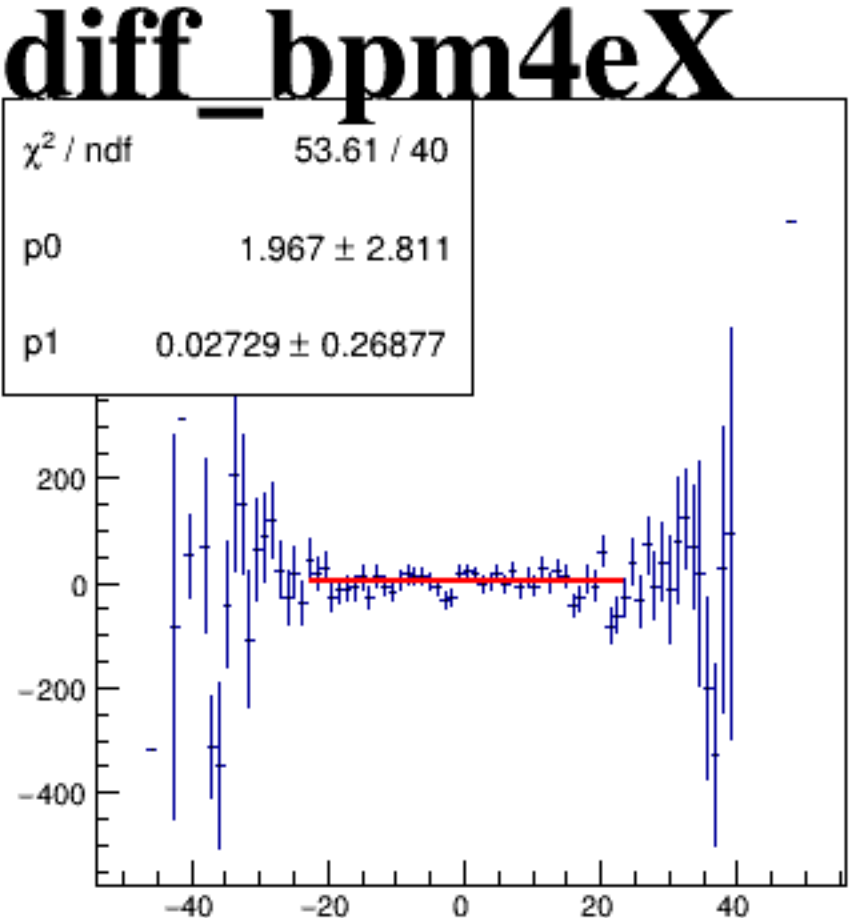
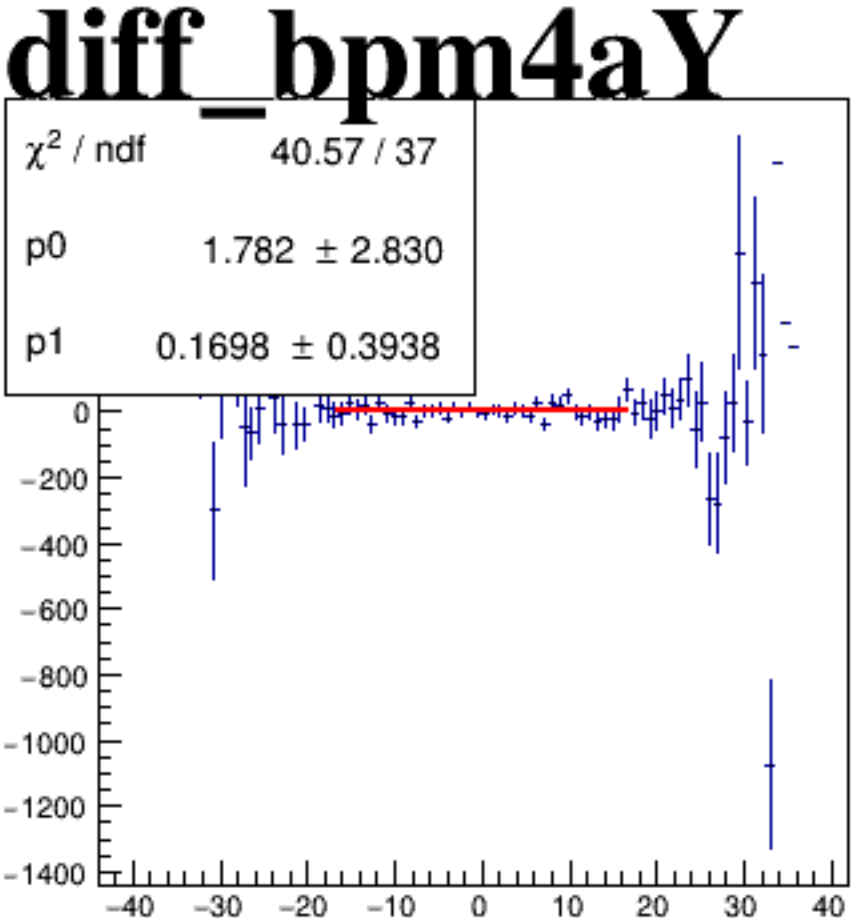
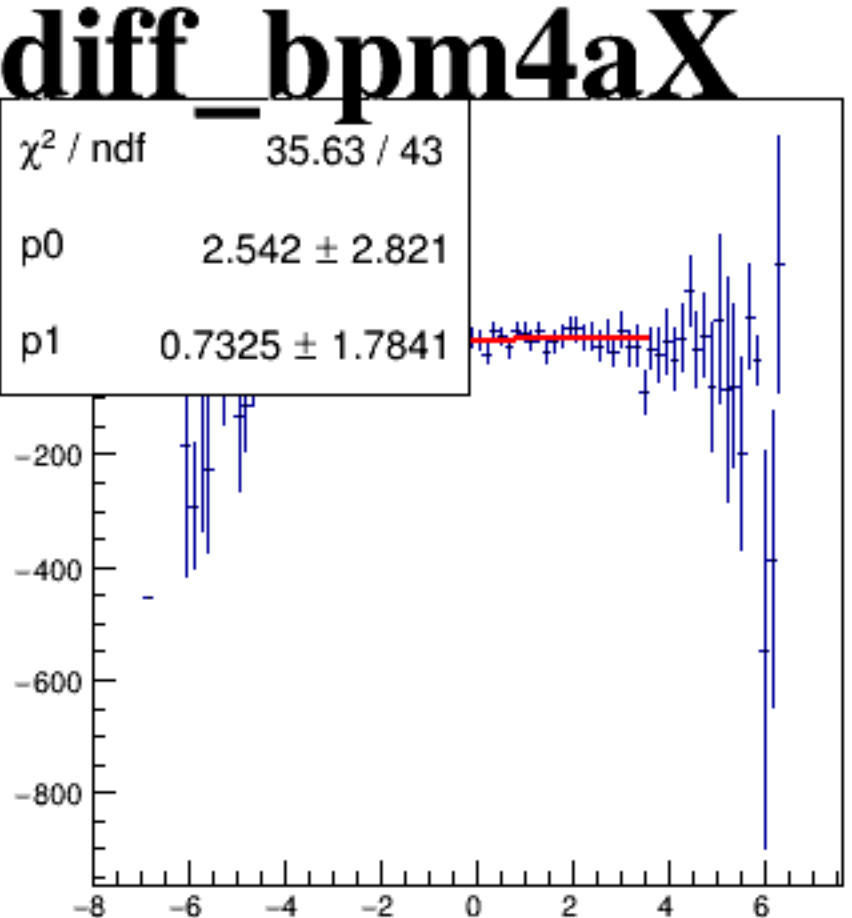
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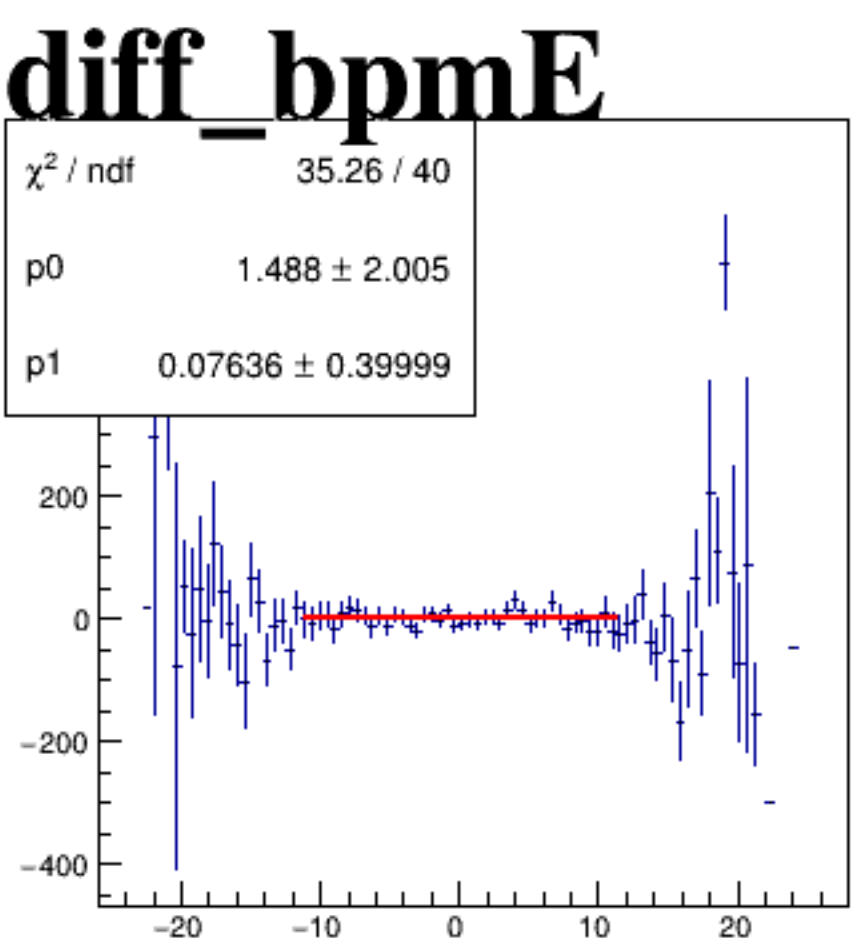
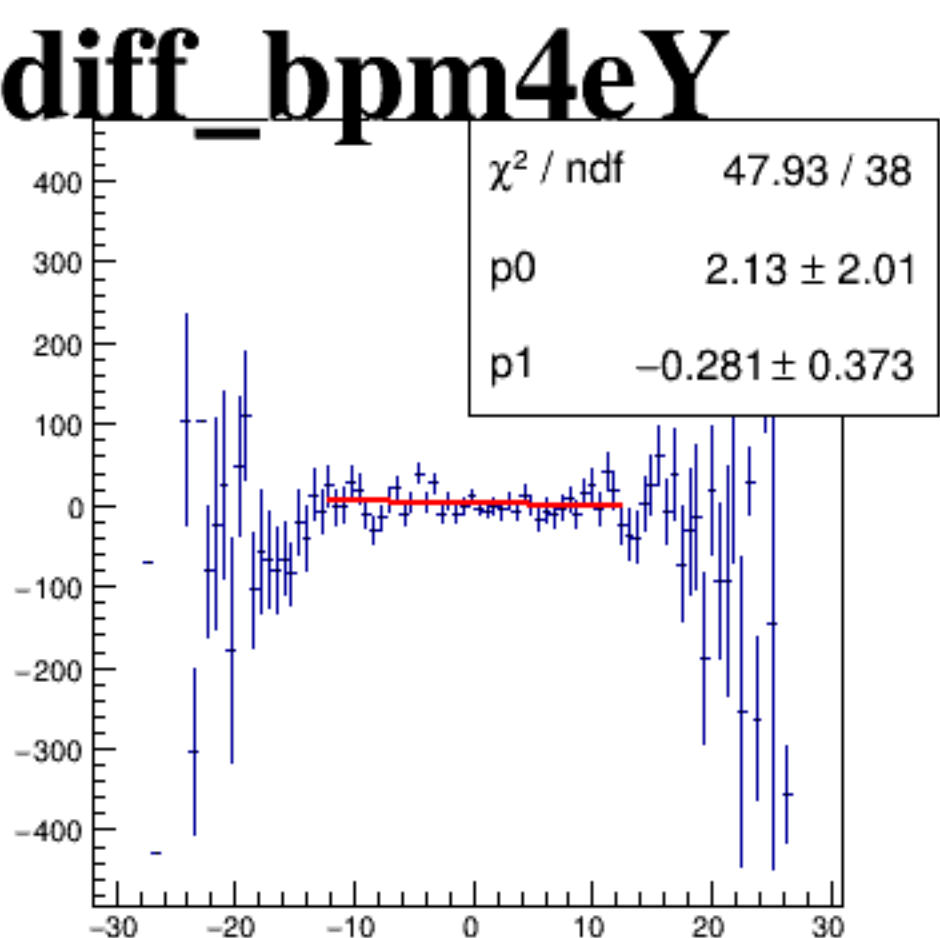
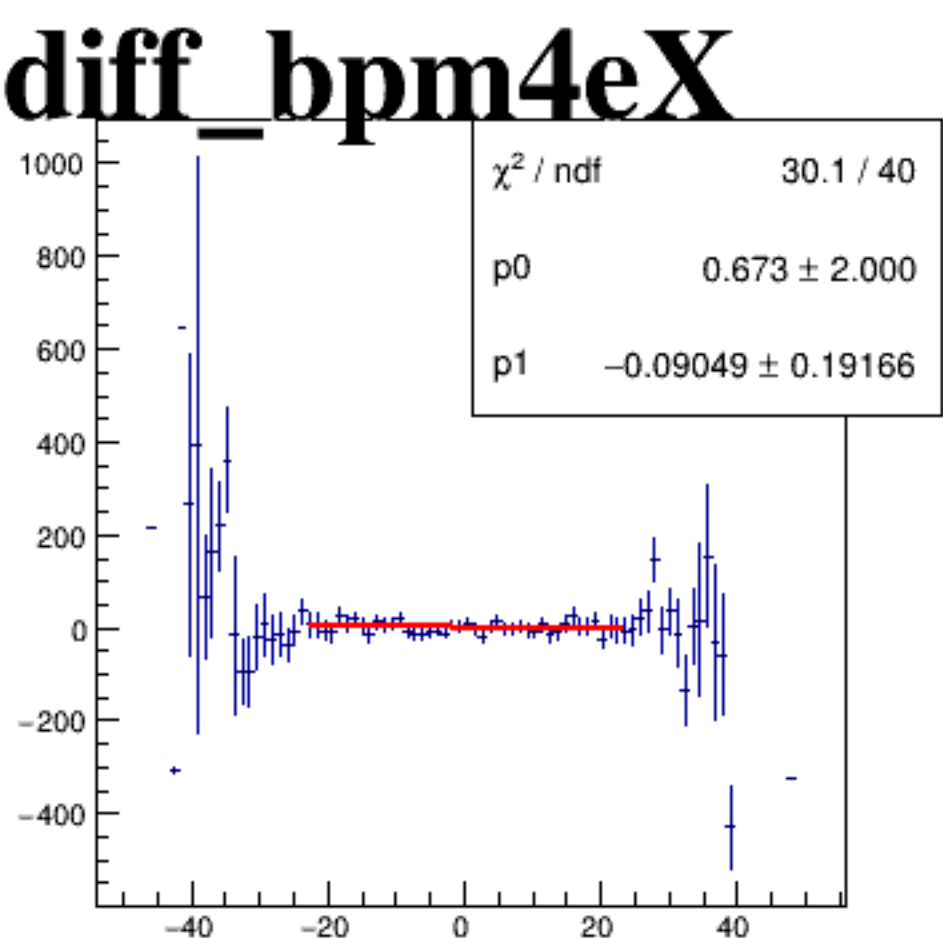
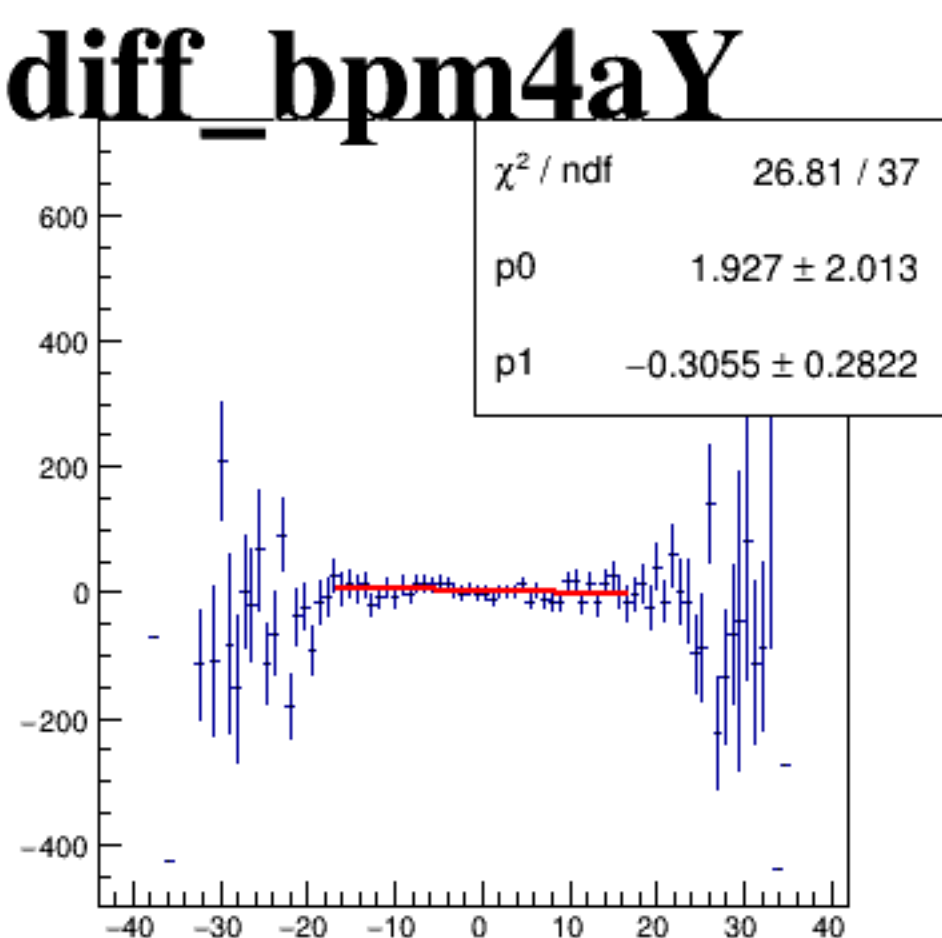
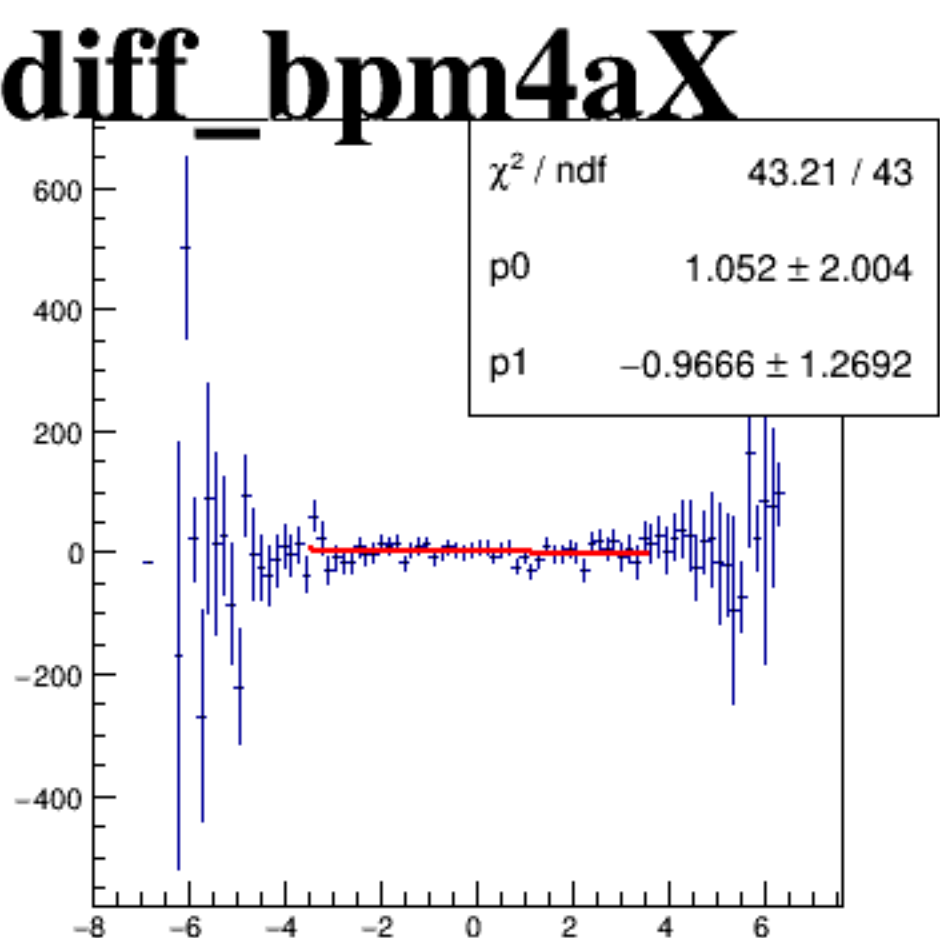
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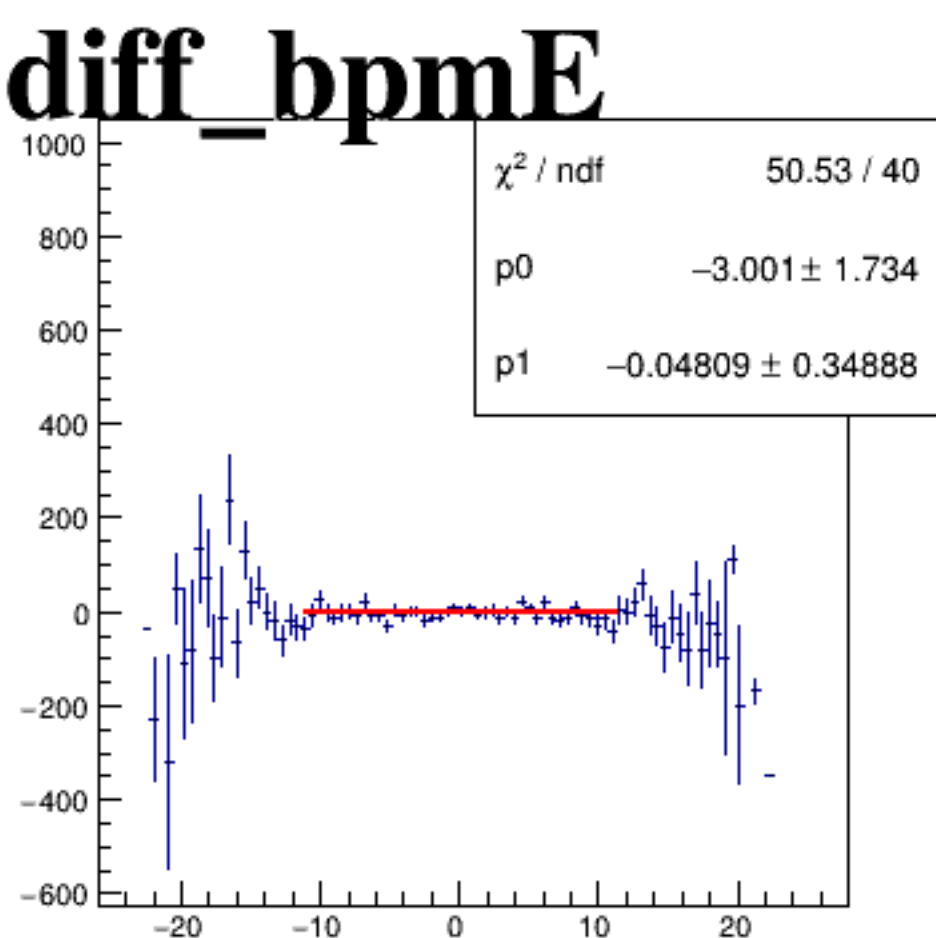
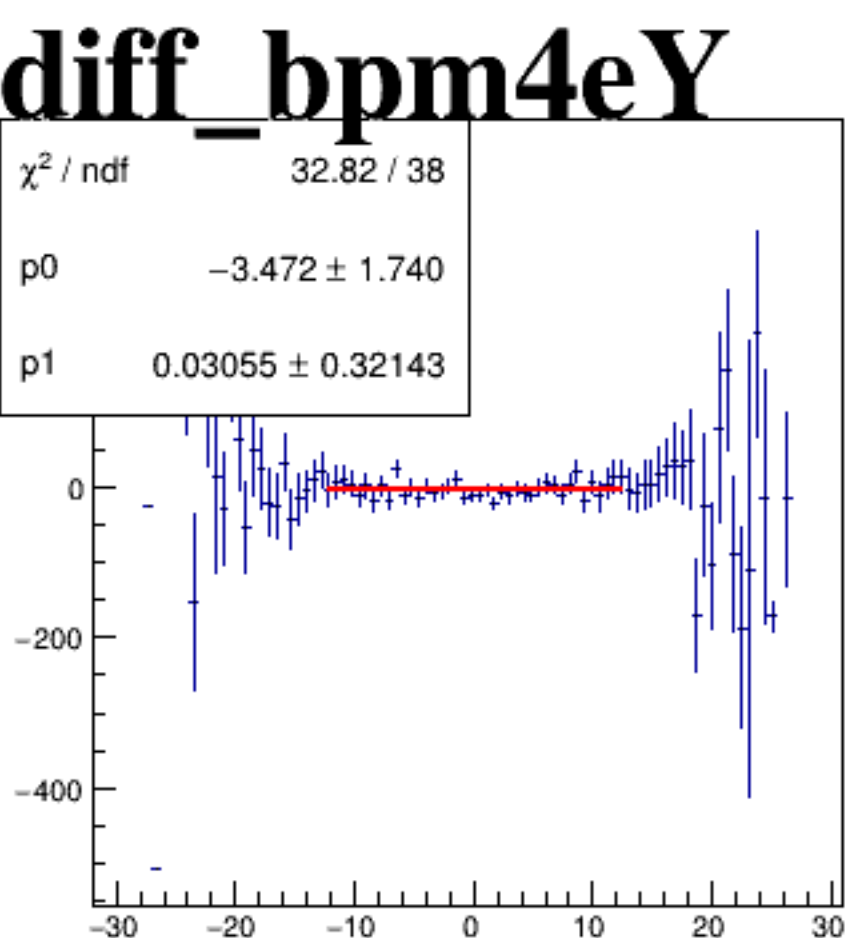
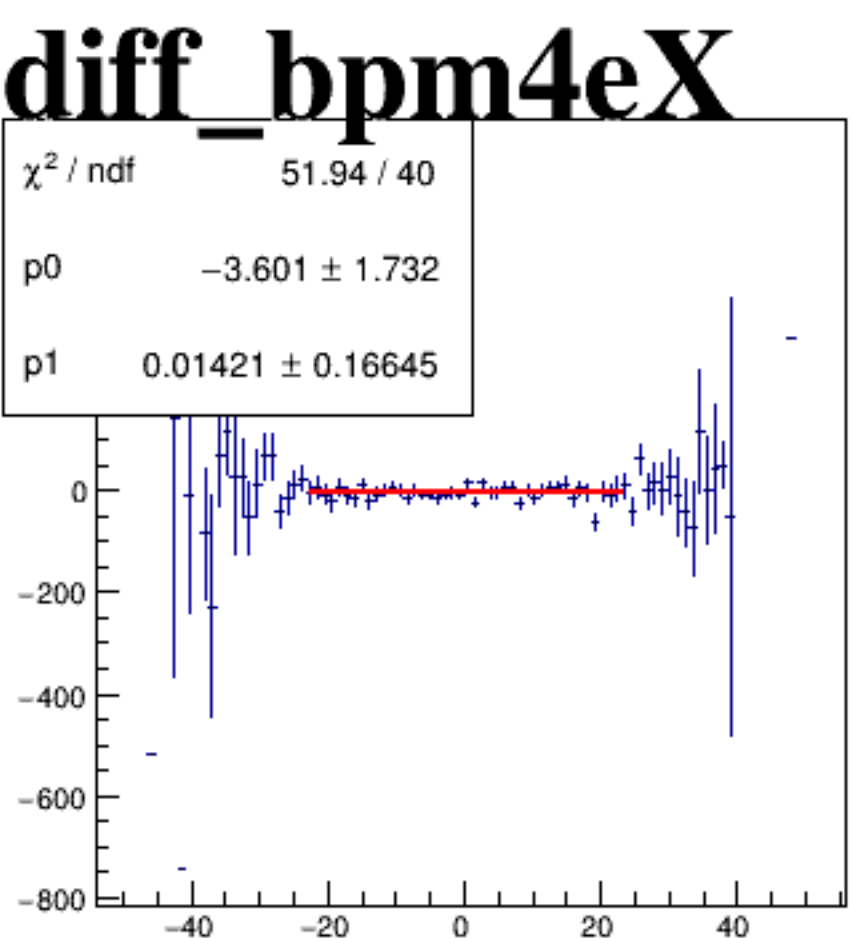
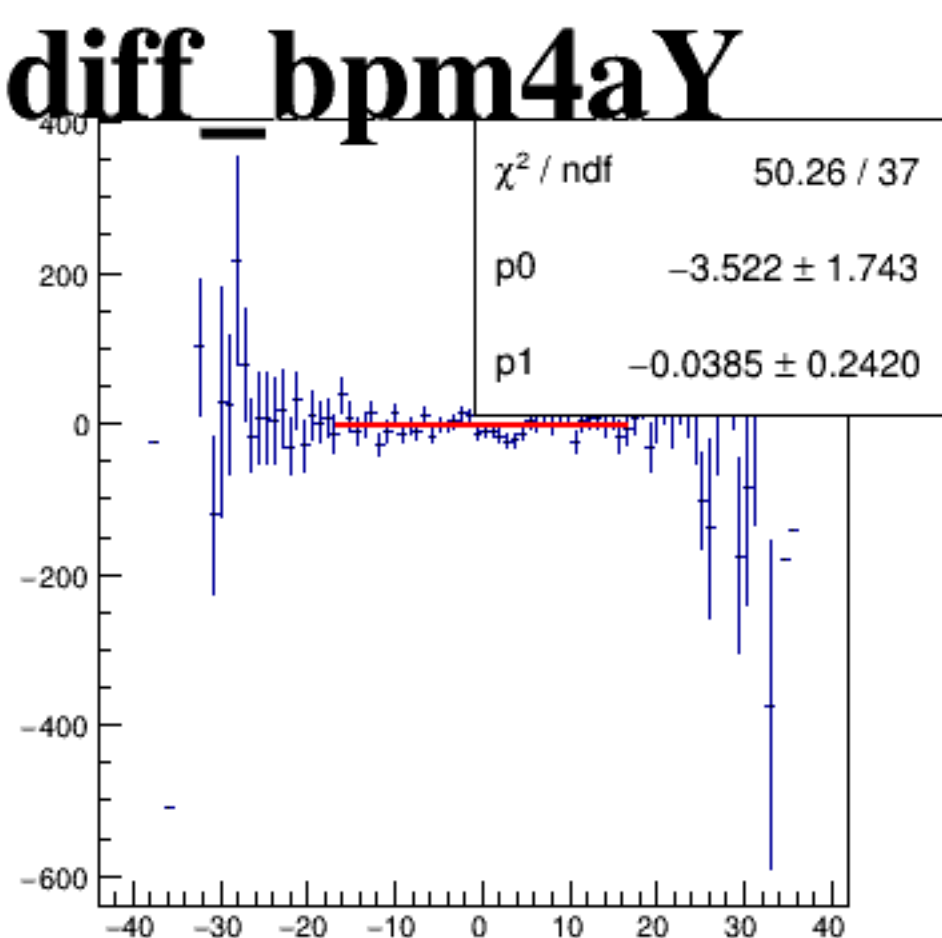
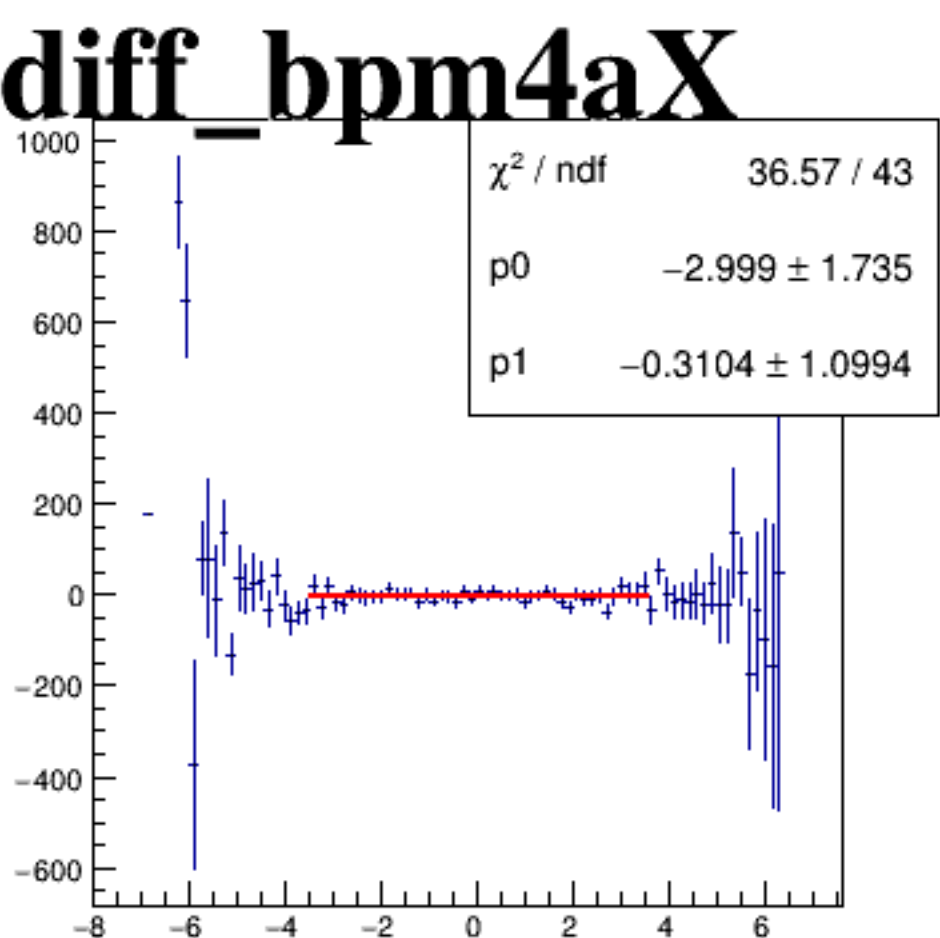
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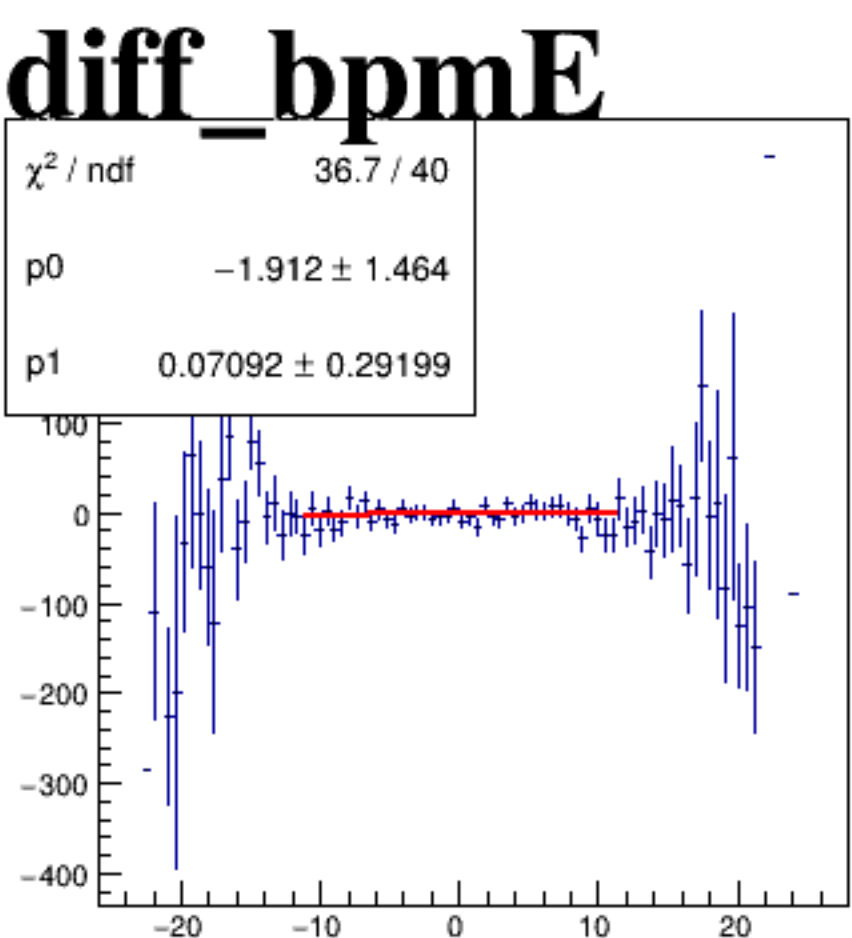
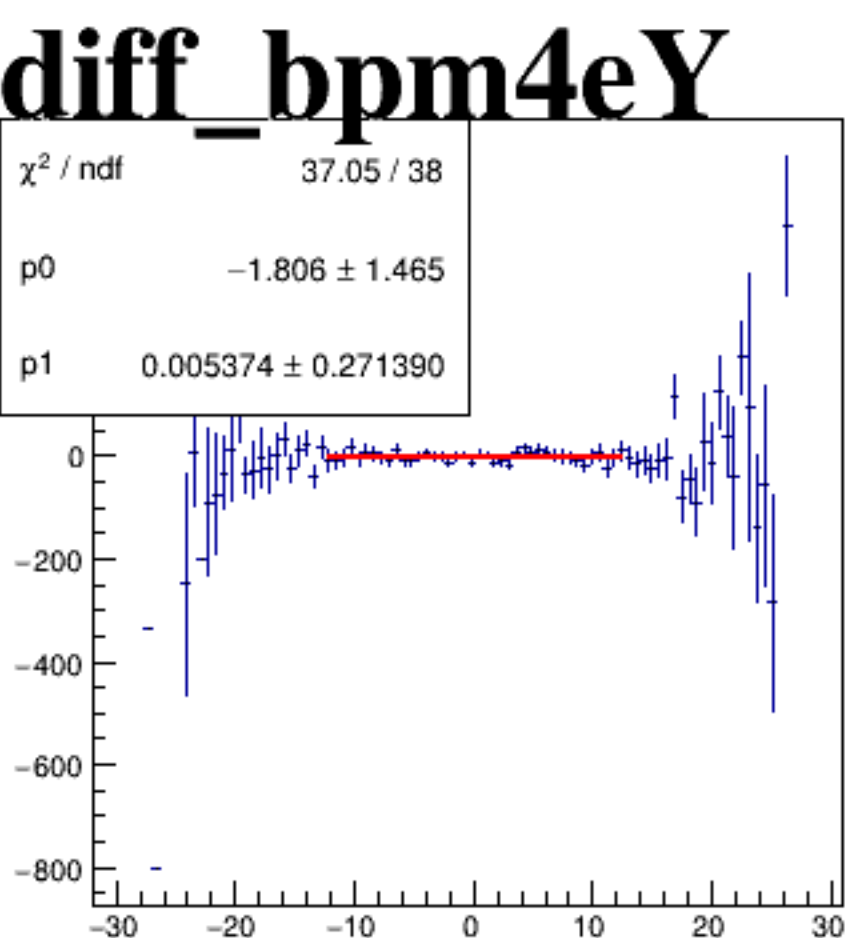
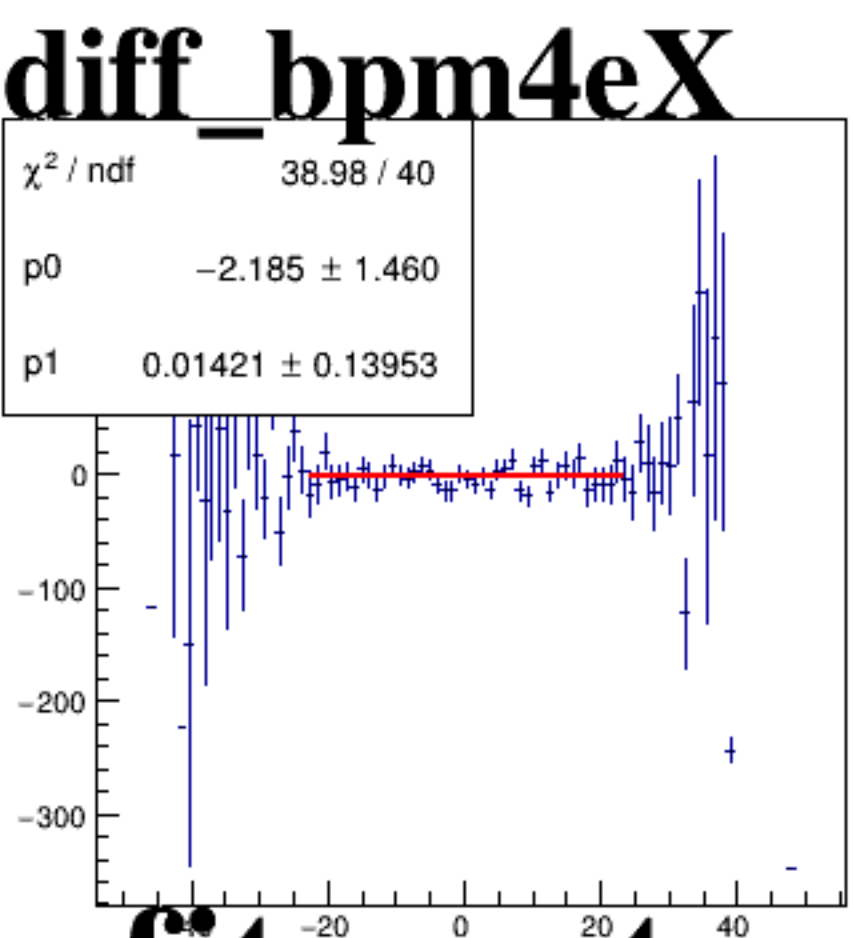
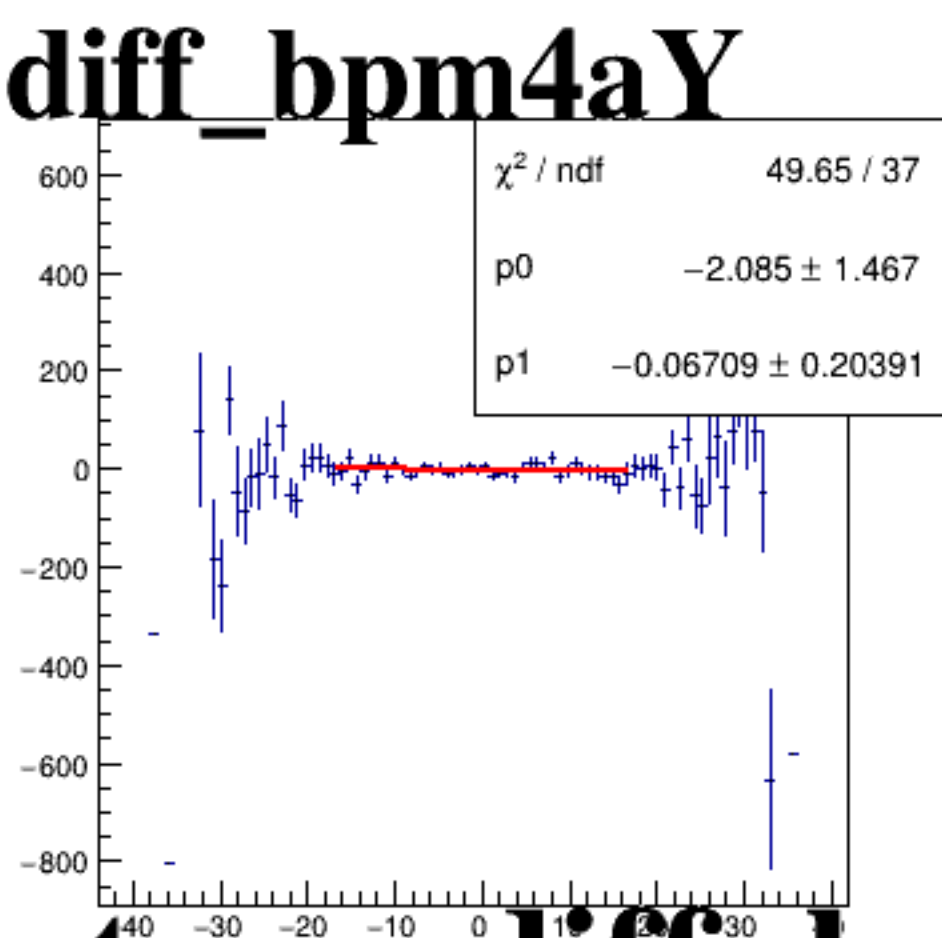
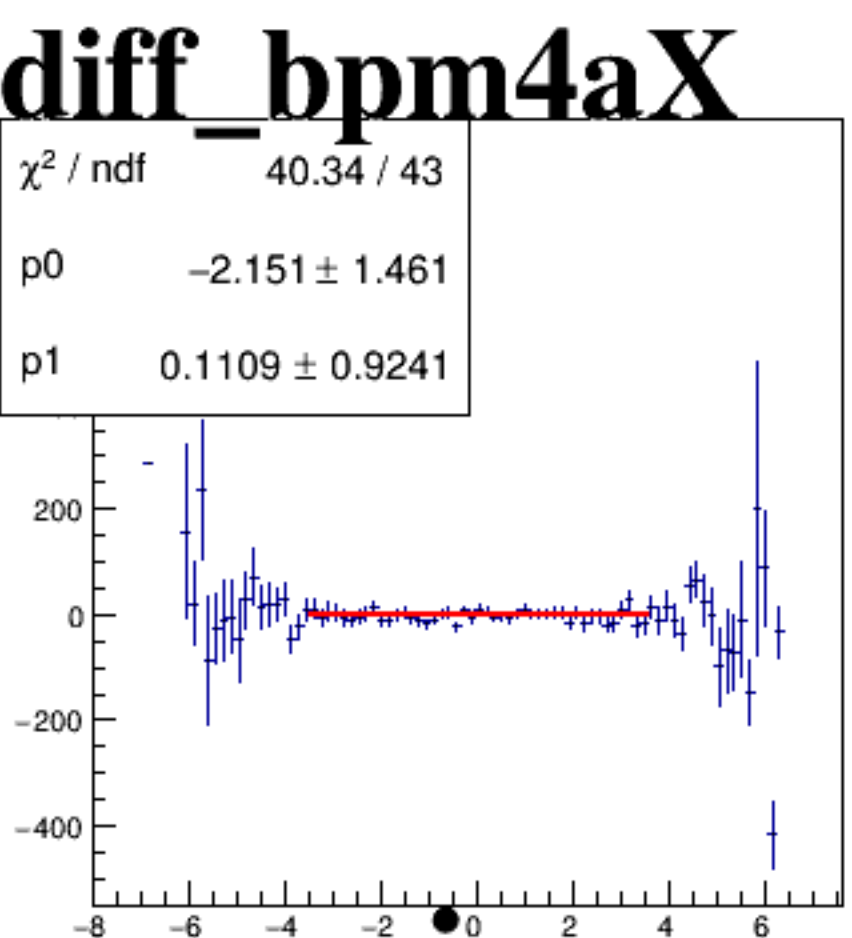
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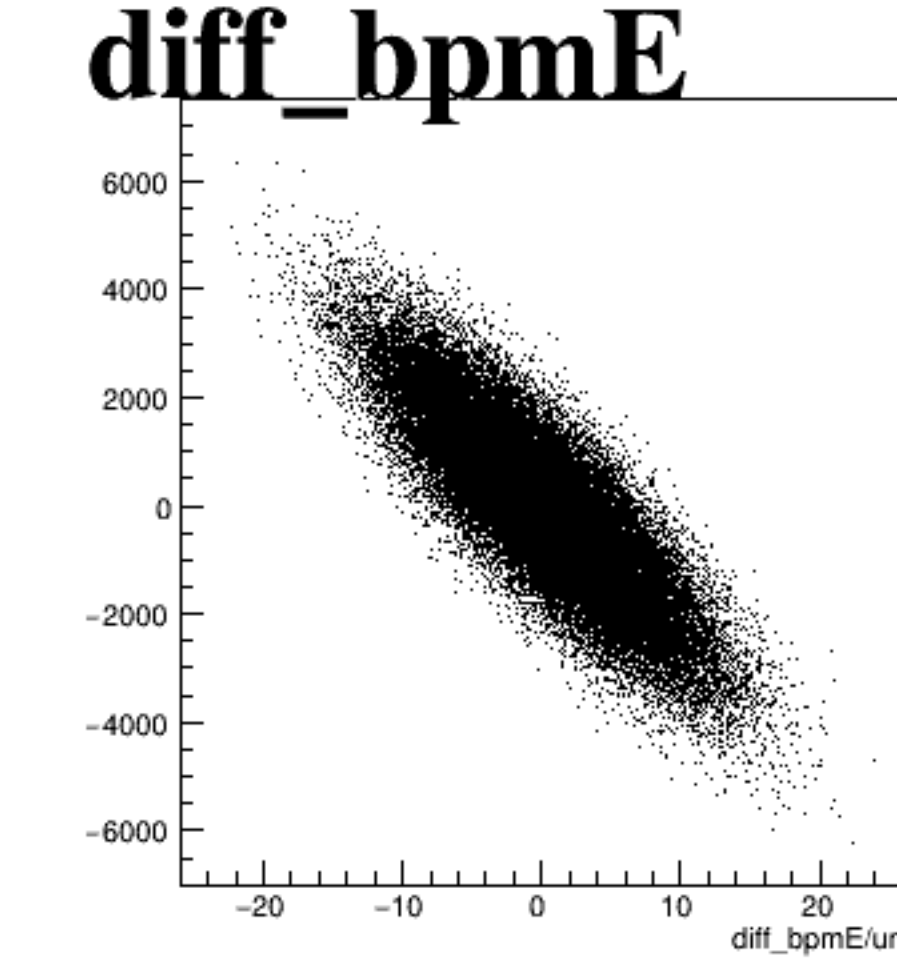
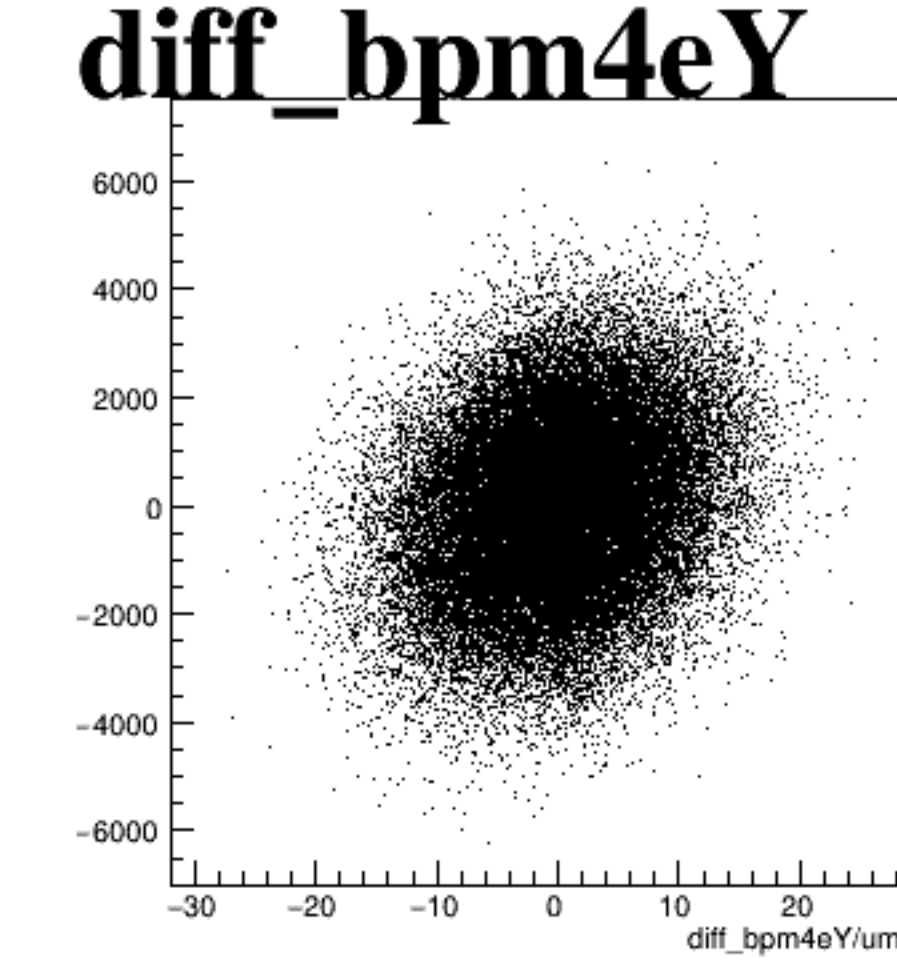
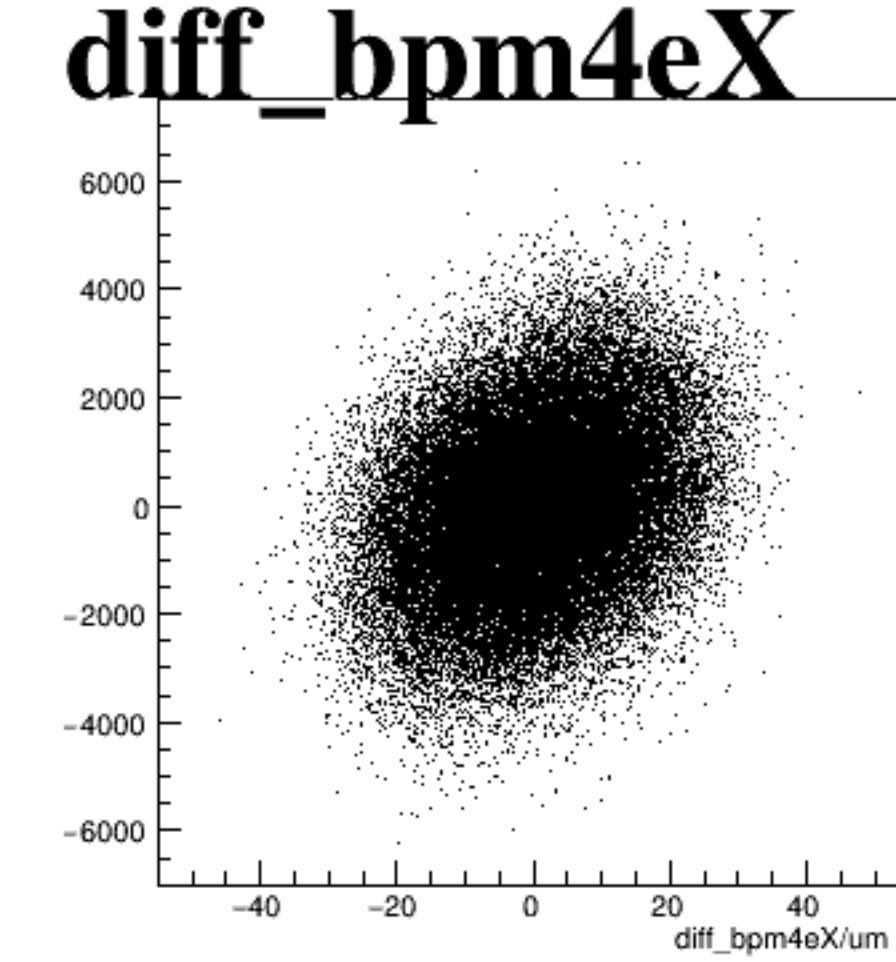
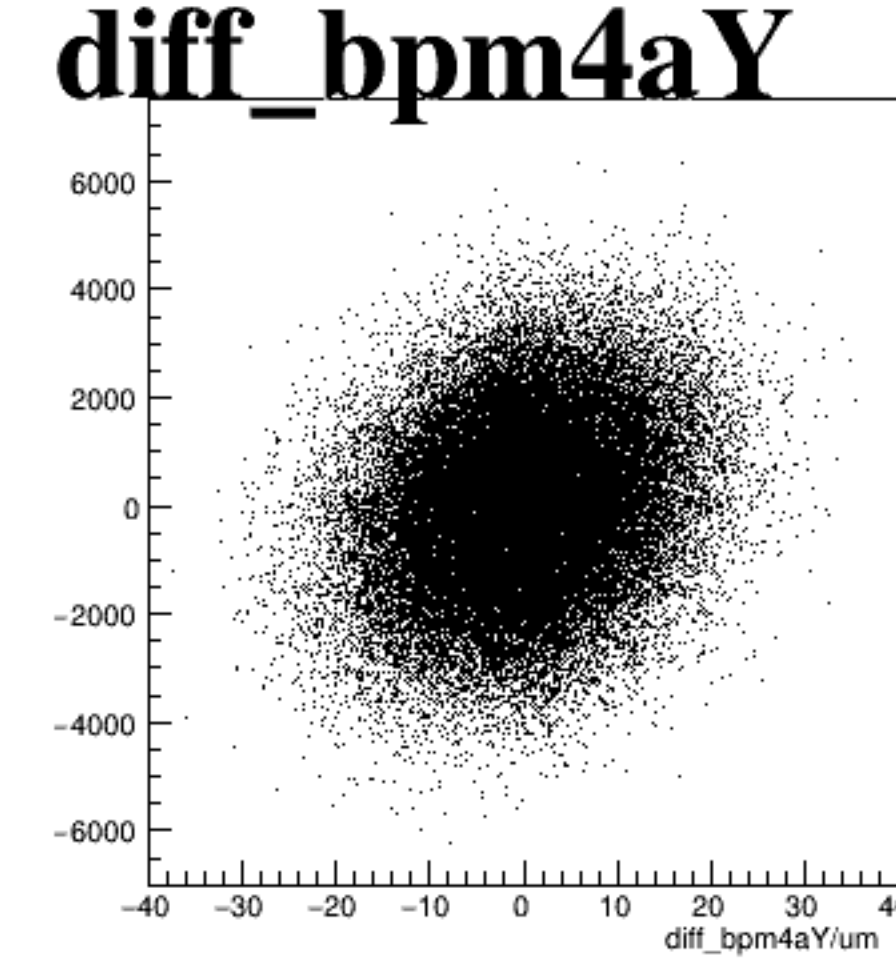
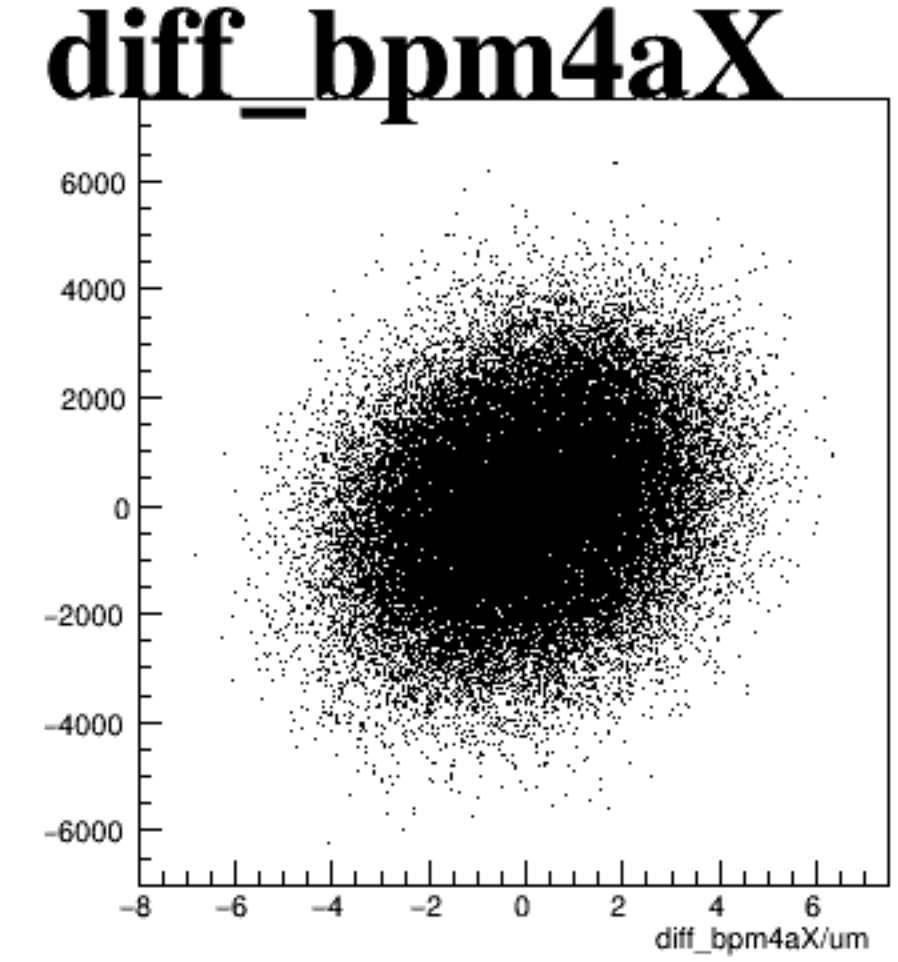
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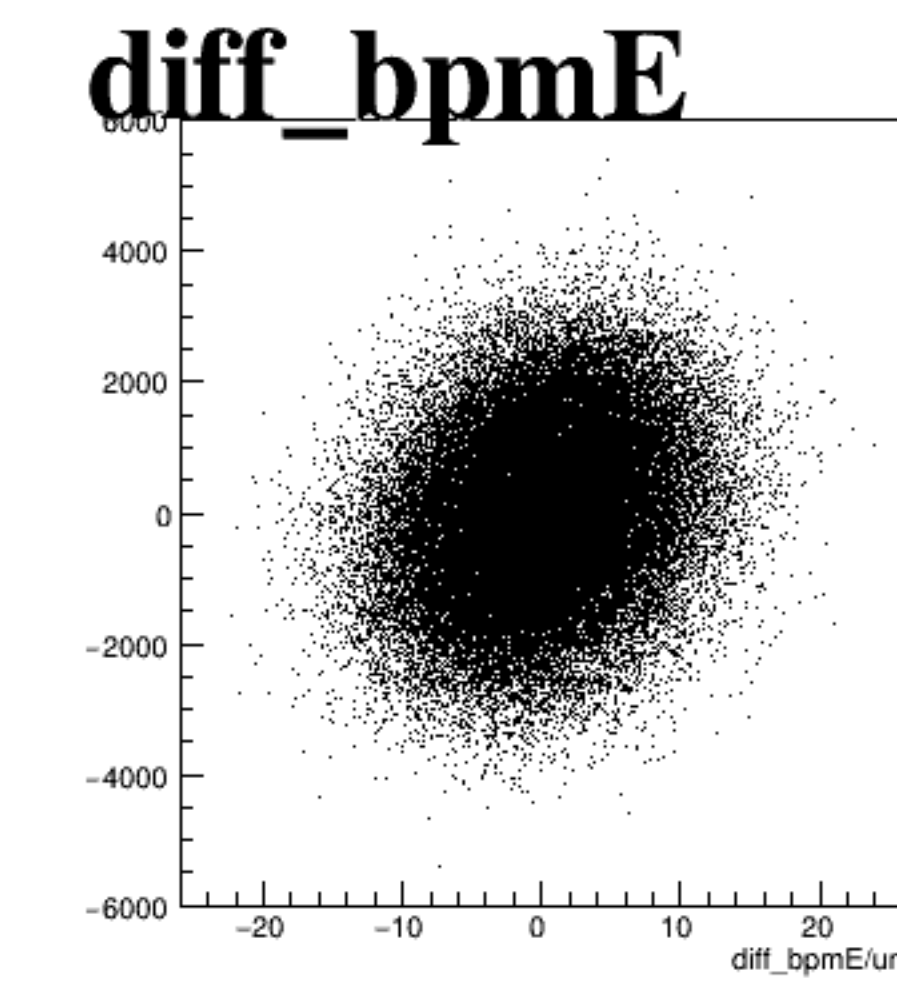
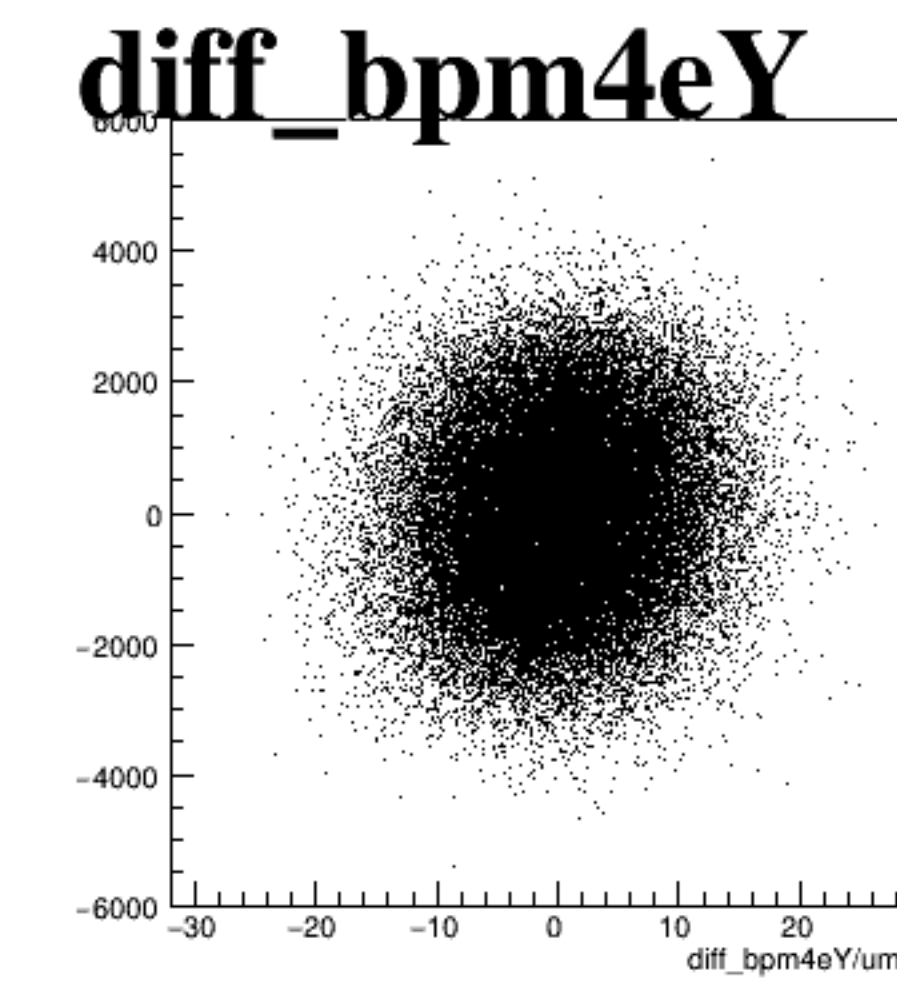
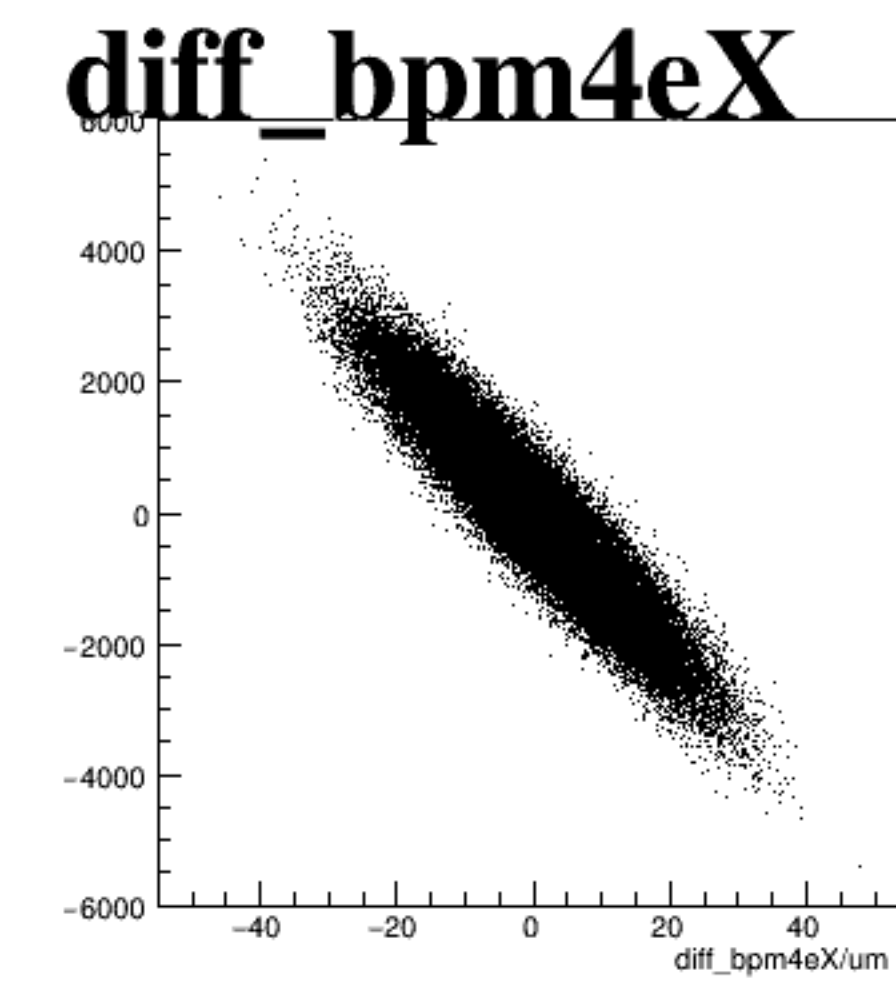
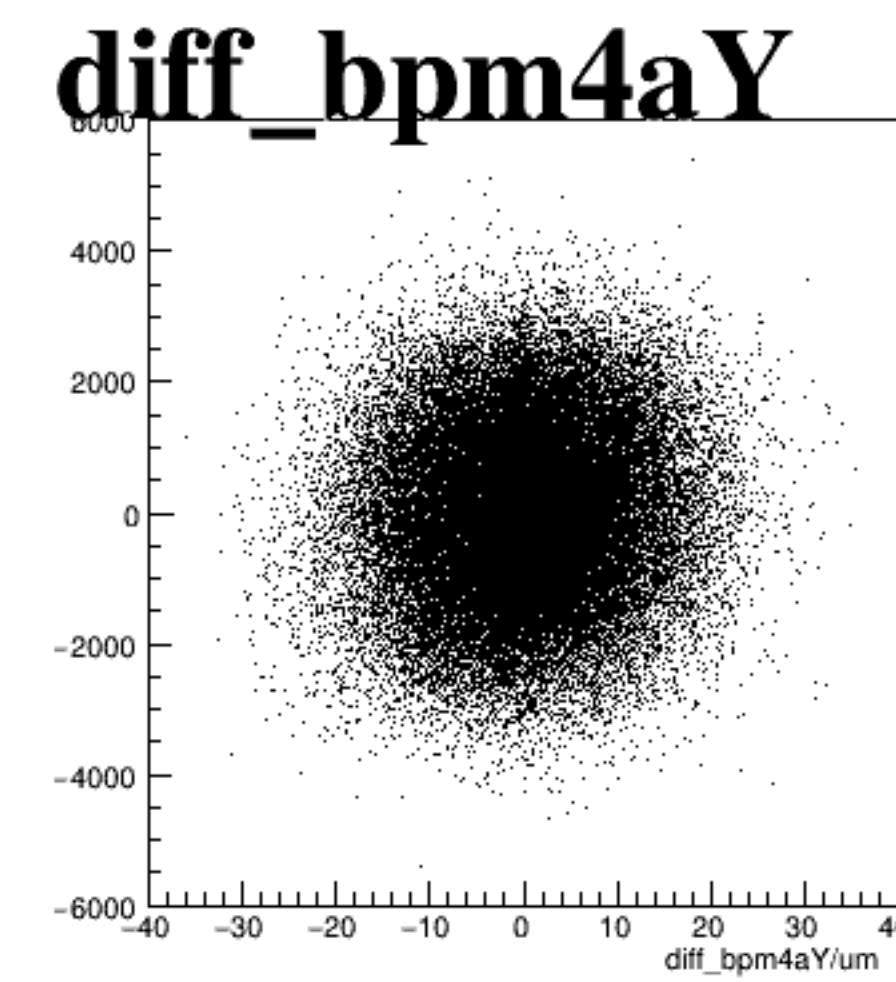
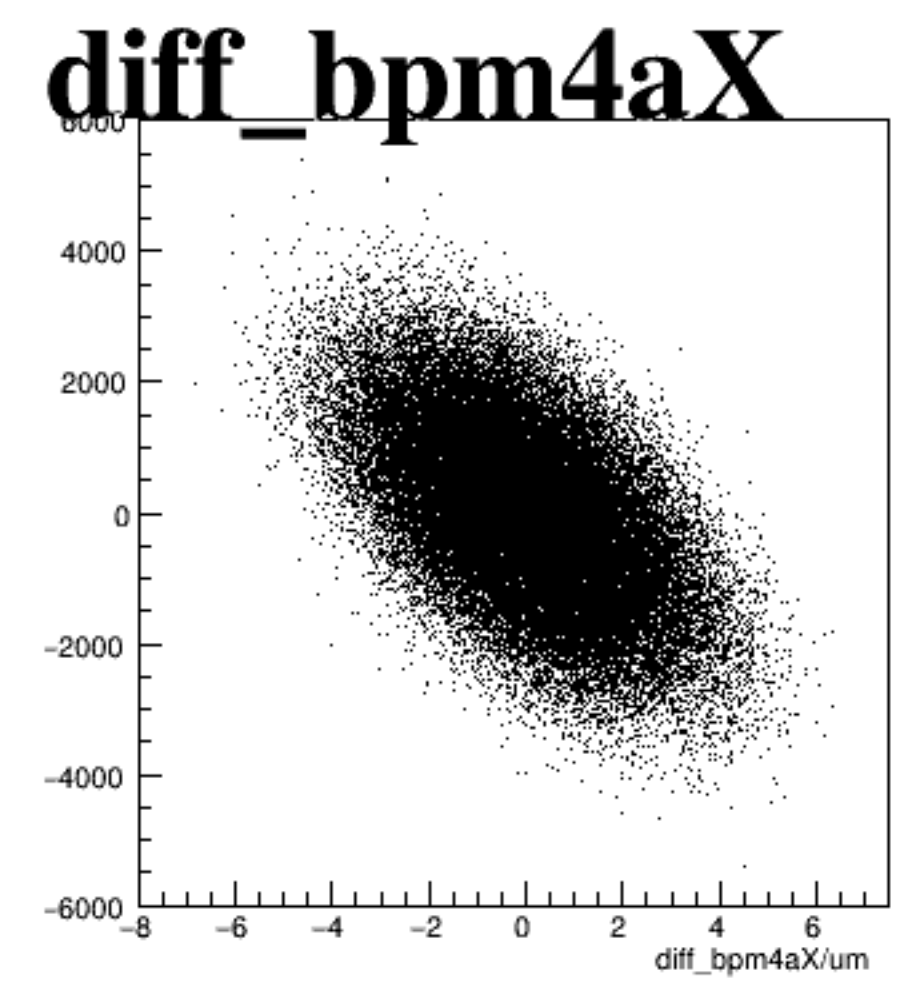
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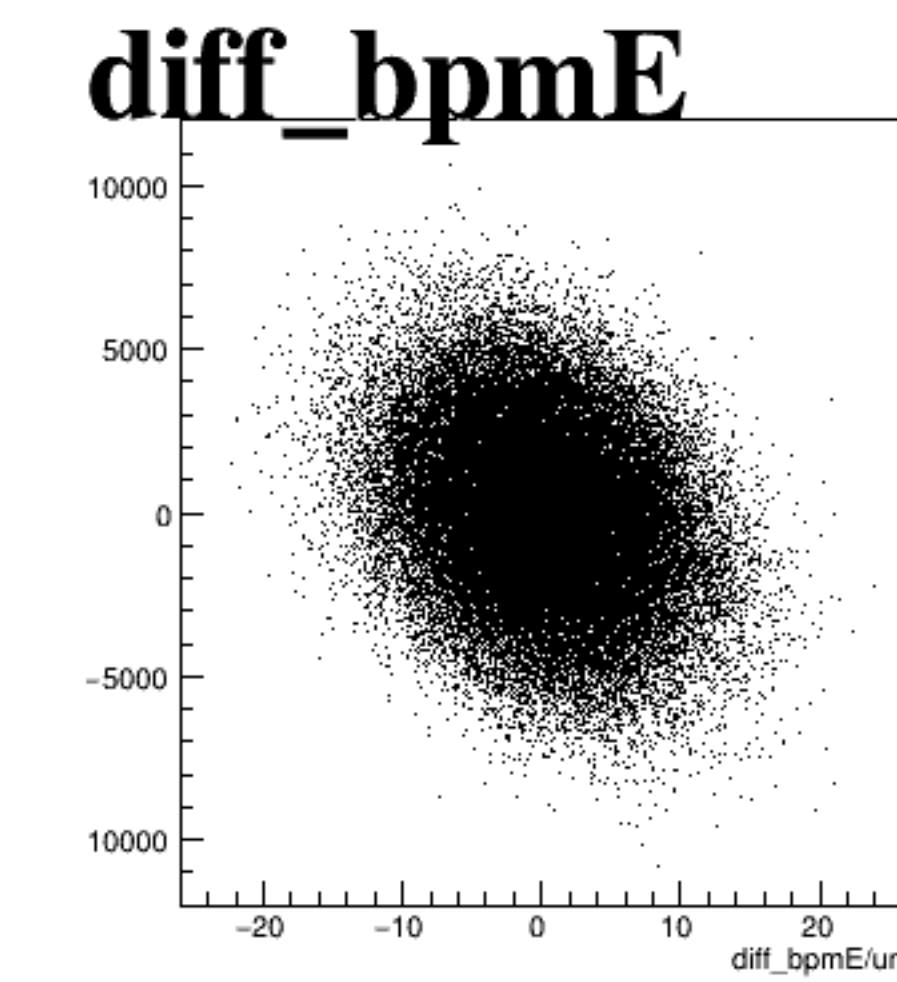
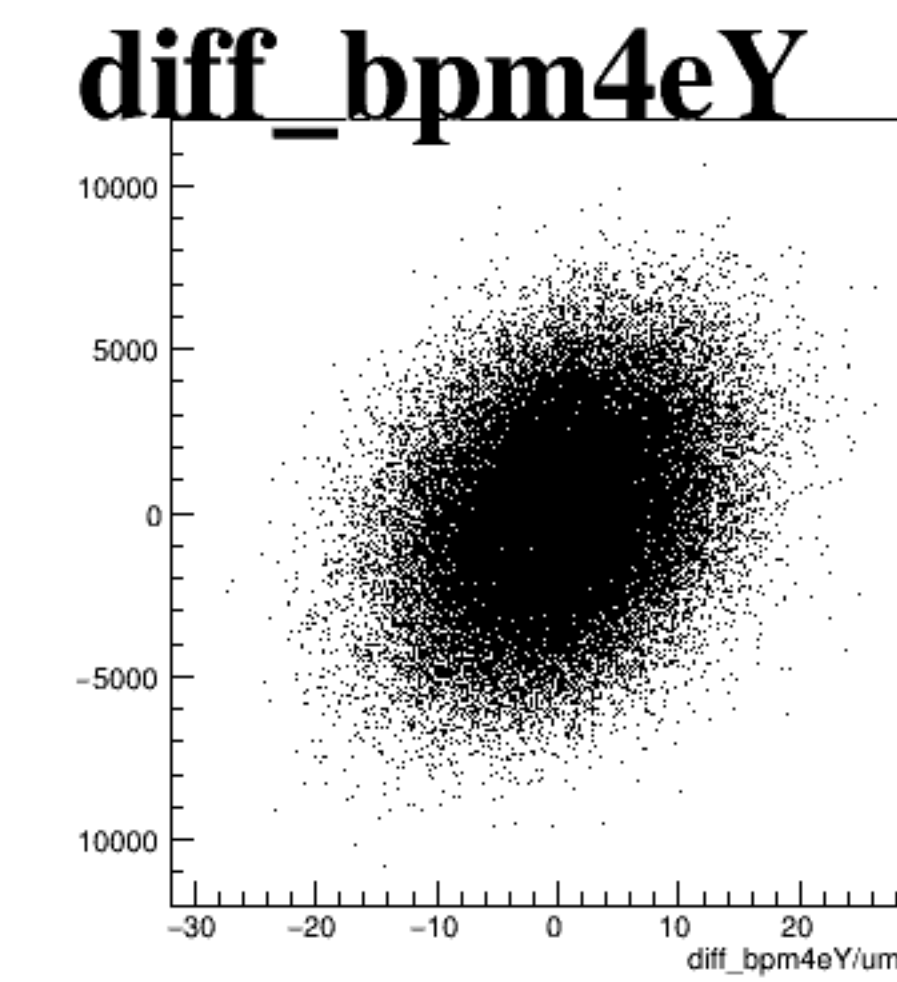
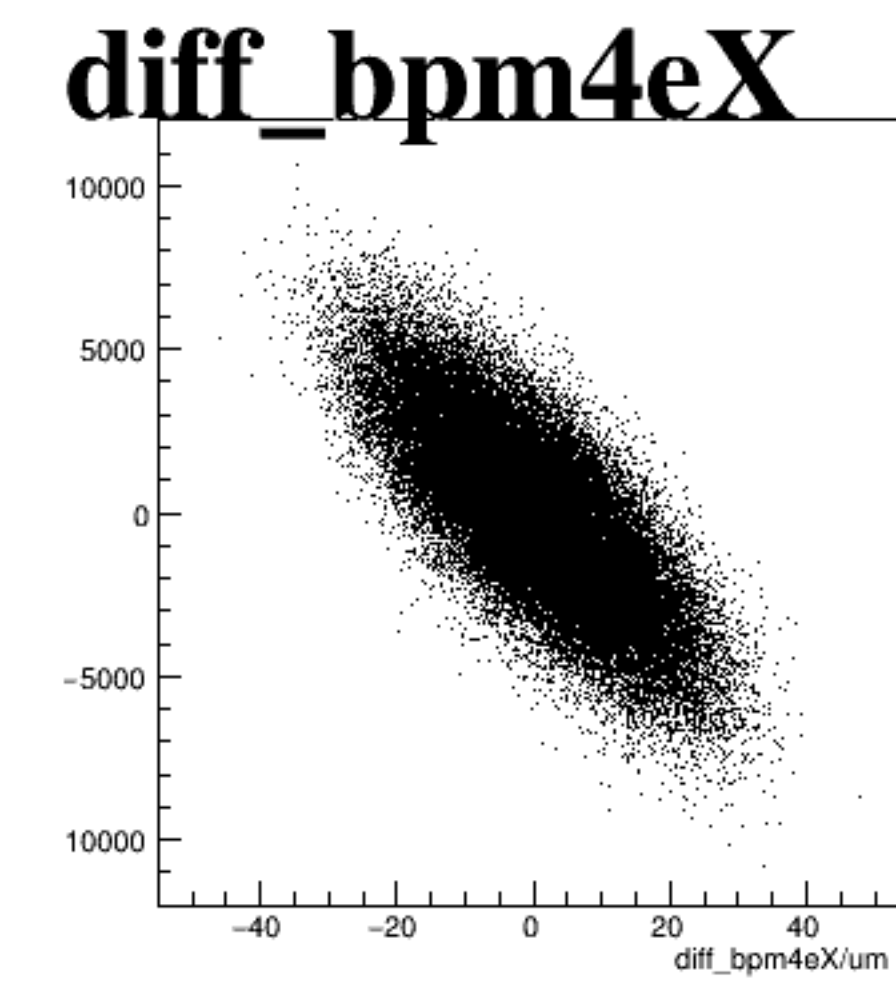
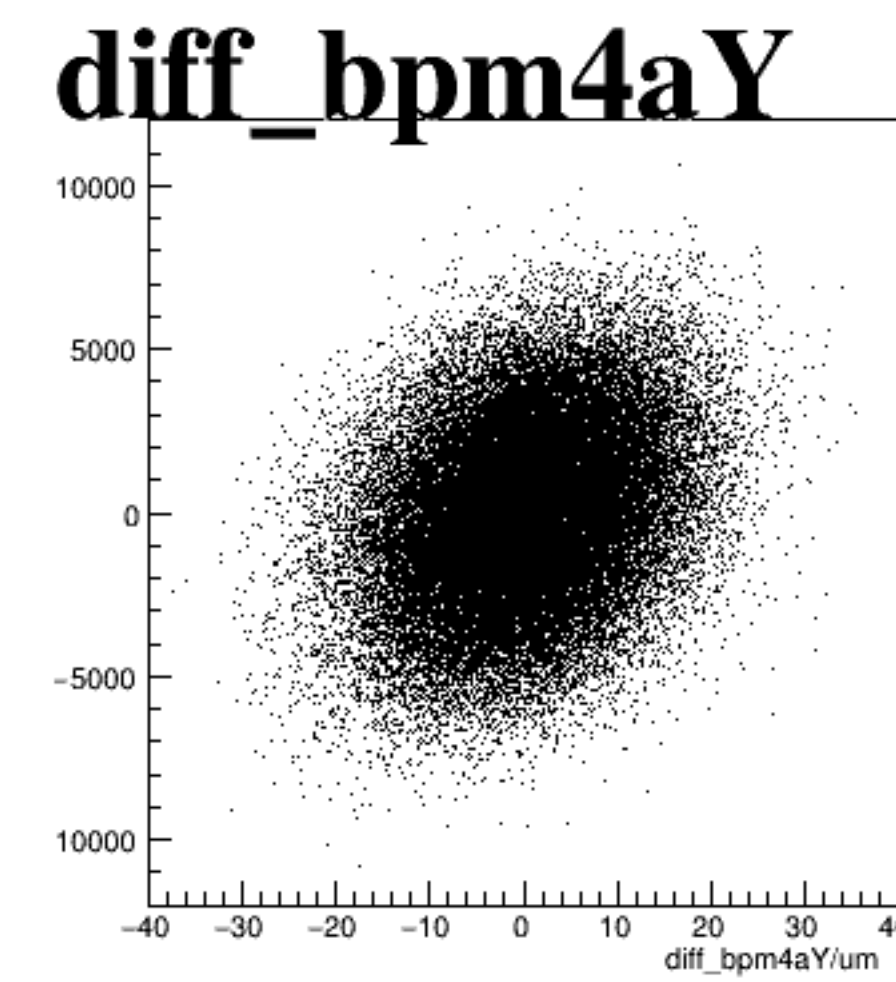
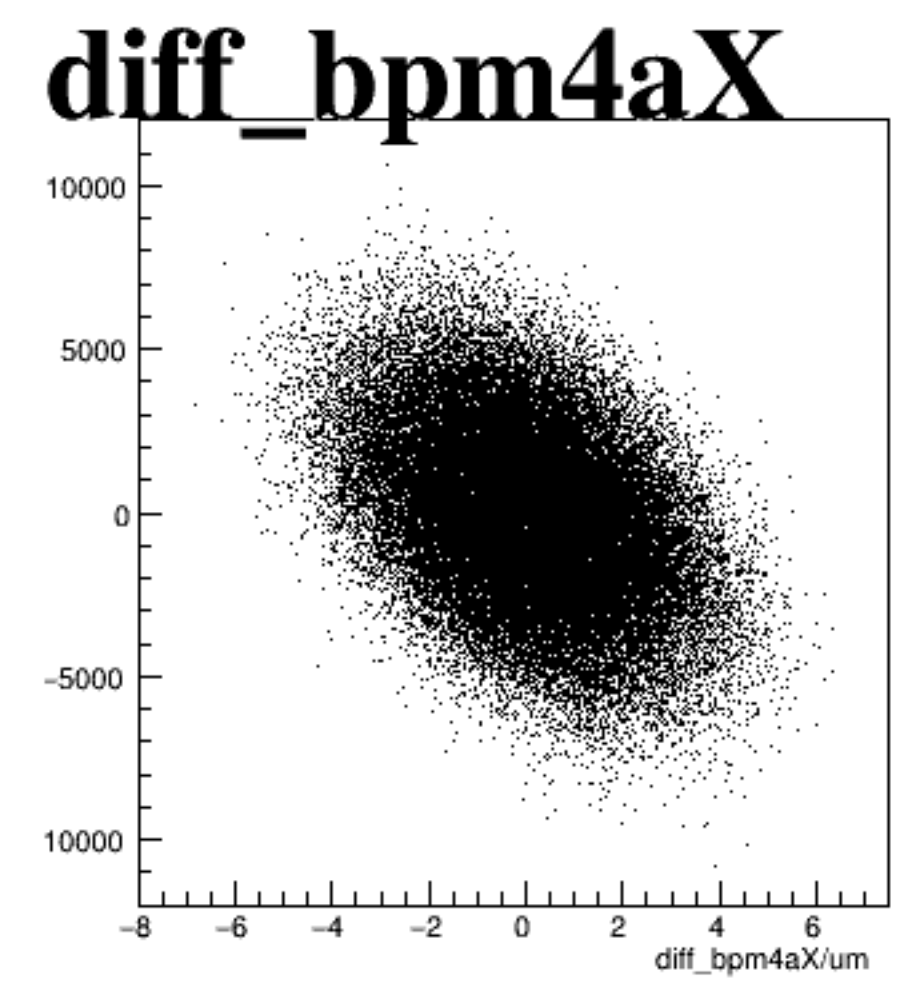
asym_atl1



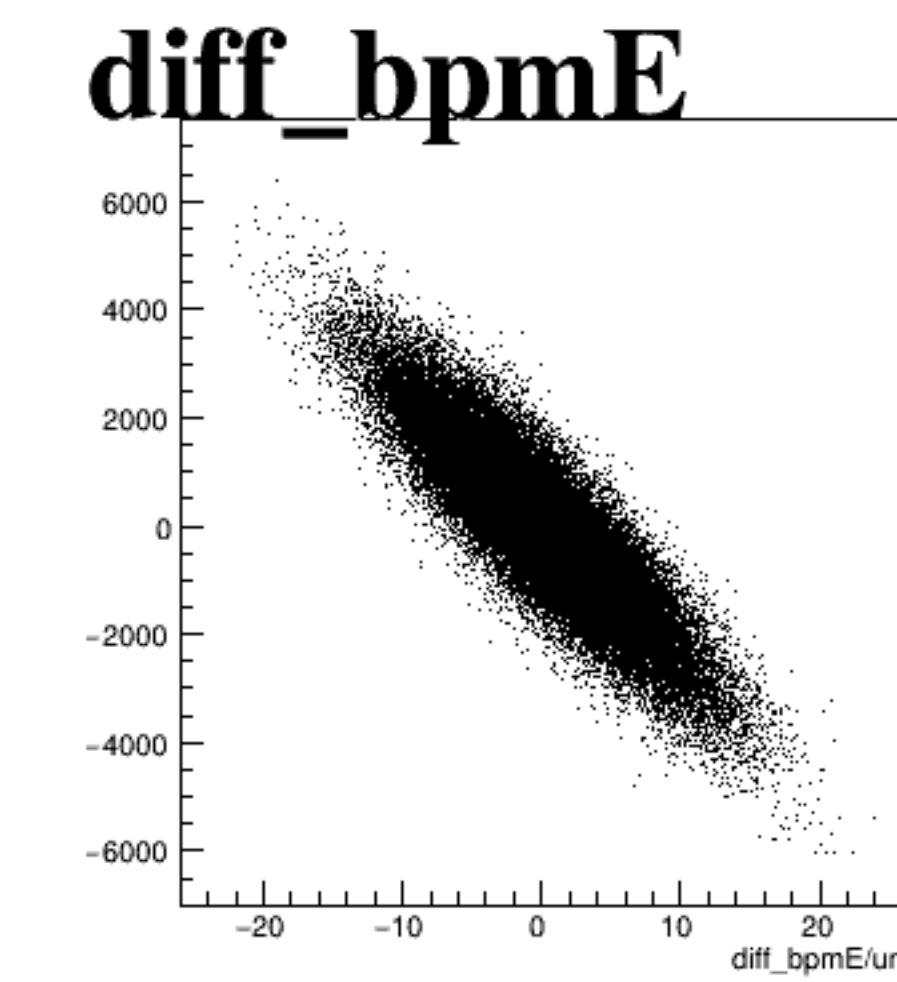
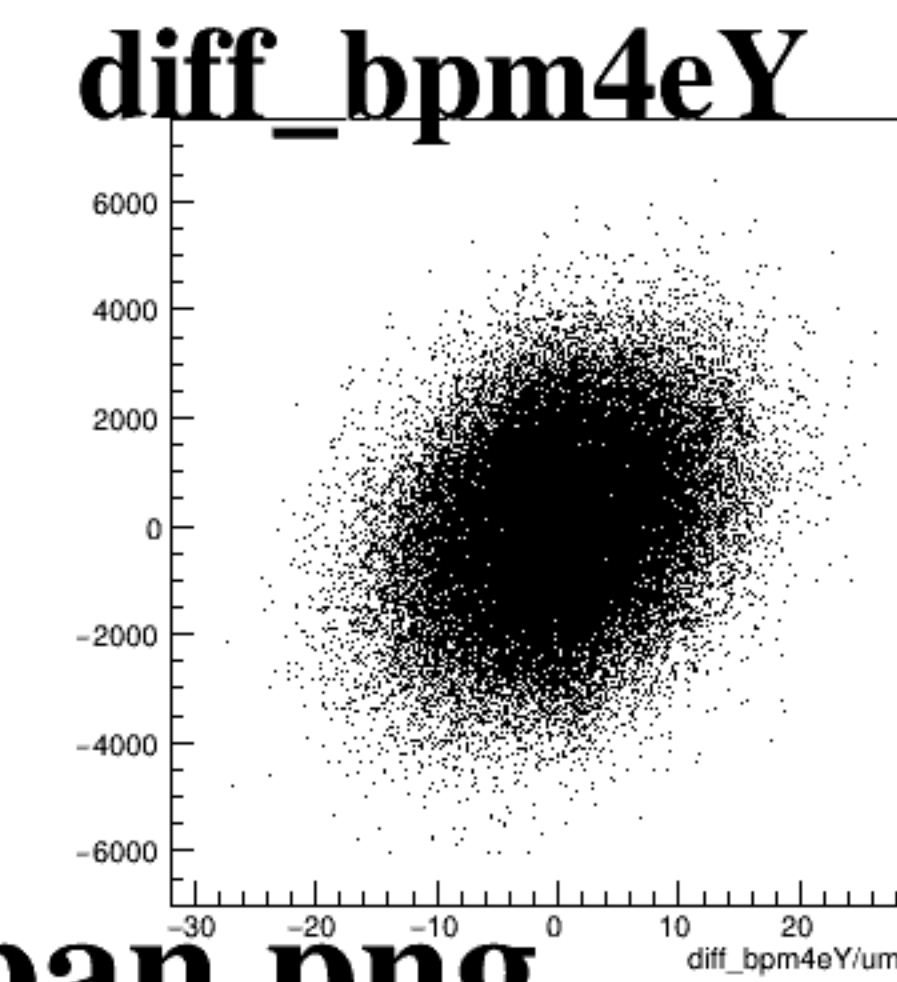
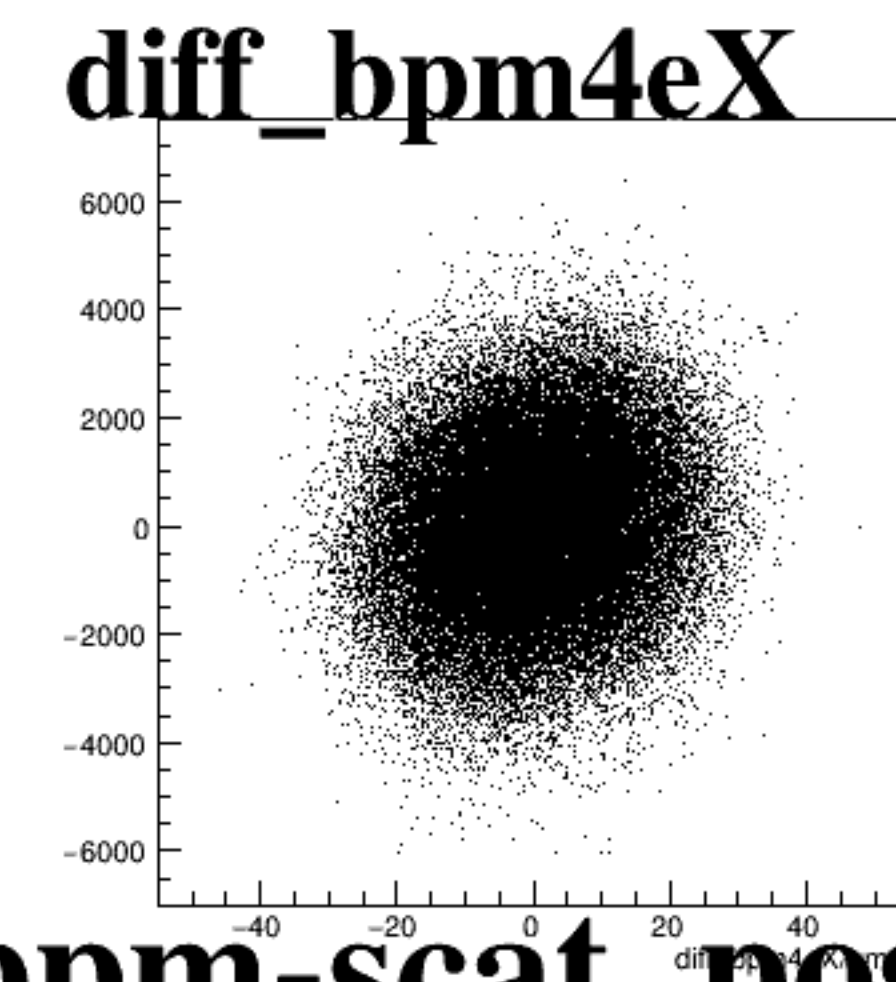
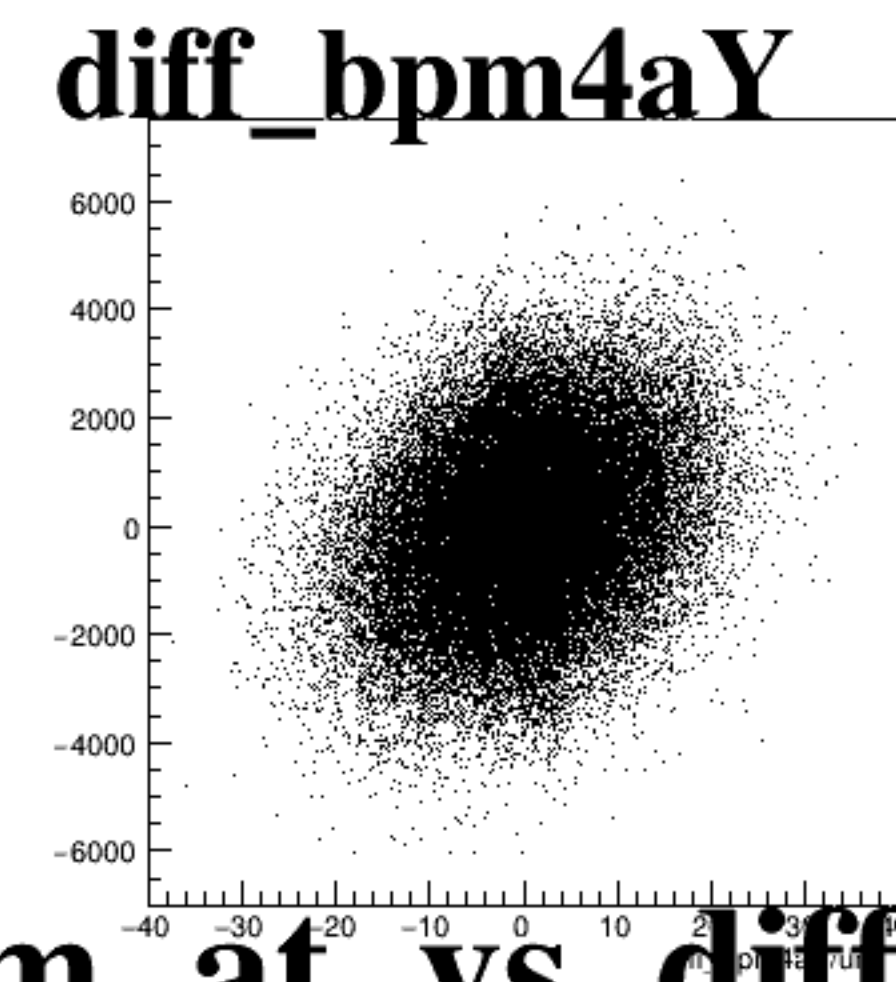
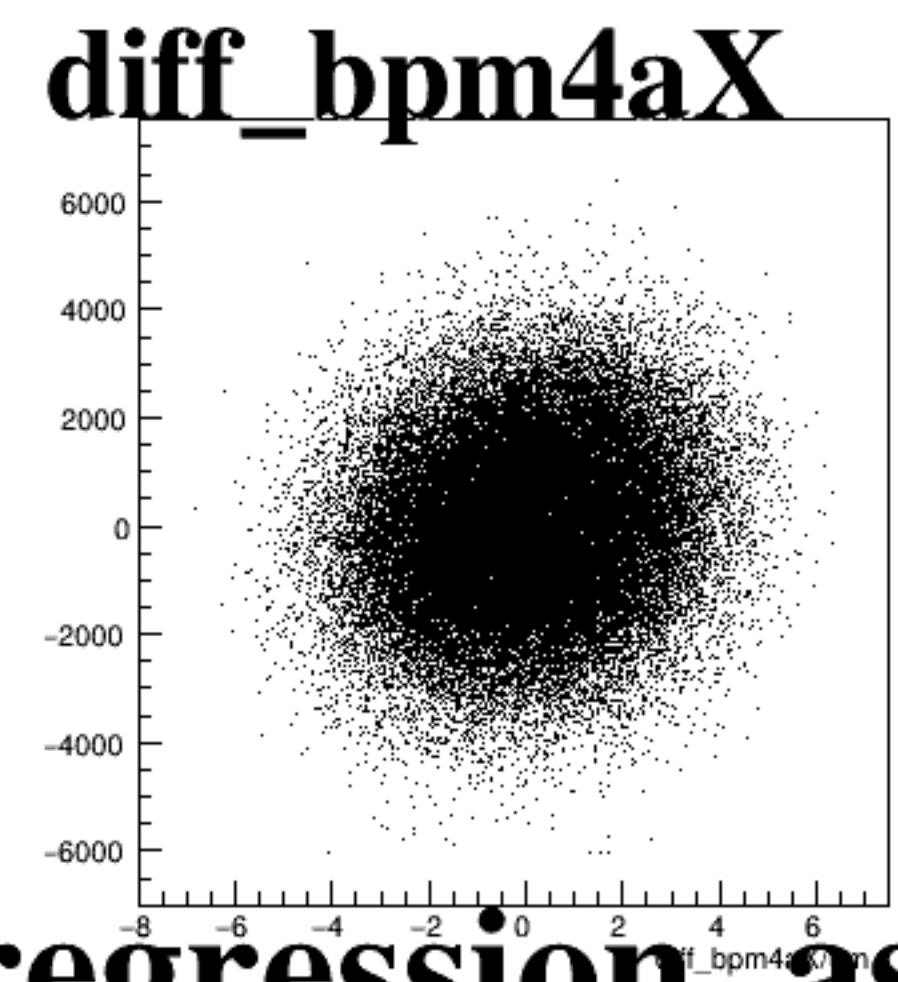
asym_atr1



asym_atl2



asym_atr2



The figure displays five scatter plots arranged horizontally, each showing a dense, roughly circular cloud of points centered at the origin (0,0). The plots are labeled as follows:

- diff_bpm4aX**: The x-axis ranges from -8 to 6, and the y-axis ranges from -2000 to 2000.
- diff_bpm4aY**: The x-axis ranges from -40 to 40, and the y-axis ranges from -2000 to 2000.
- diff_bpm4eX**: The x-axis ranges from -40 to 40, and the y-axis ranges from -2000 to 2000.
- diff_bpm4eY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -2000 to 2000.
- diff_bpmE**: The x-axis ranges from -20 to 20, and the y-axis ranges from -2000 to 2000.

All plots show a similar distribution of points, with the highest density concentrated in the center and tapering off towards the edges. The axes are labeled with the variable name and a unit of μm .

The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences in BPM parameters for a specific beam parameter. The plots are titled as follows:

- diff_bpm4aX**: The x-axis is labeled $\text{diff_bpm4aX}/\mu\text{m}$ and ranges from -8 to 6. The y-axis ranges from -1500 to 1500.
- diff_bpm4aY**: The x-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -40 to 40. The y-axis ranges from -1500 to 1500.
- diff_bpm4eX**: The x-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -40 to 40. The y-axis ranges from -1500 to 1500.
- diff_bpm4eY**: The x-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -30 to 30. The y-axis ranges from -1500 to 1500.
- diff_bpmE**: The x-axis is labeled $\text{diff_bpmE}/\mu\text{m}$ and ranges from -20 to 20. The y-axis ranges from -1500 to 1500.

In all plots, the data points form a dense, roughly circular cloud centered around the origin (0,0), indicating that the differences are small and randomly distributed.