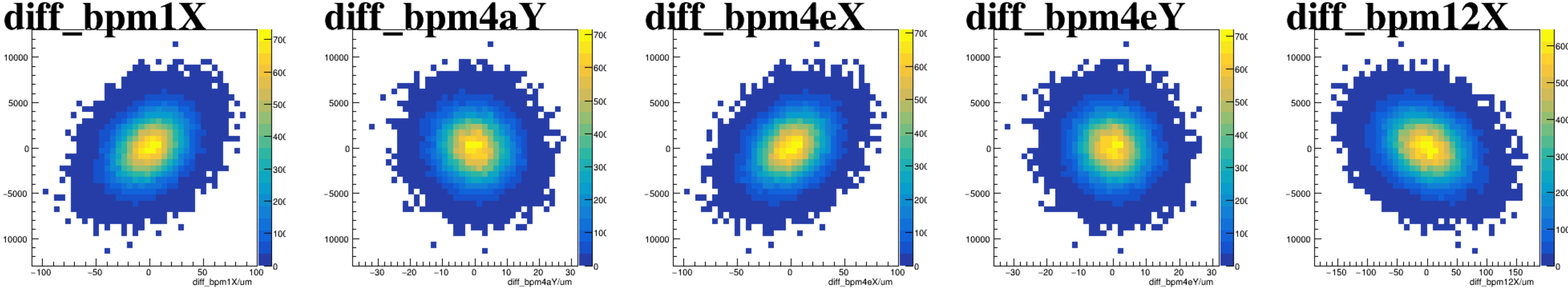
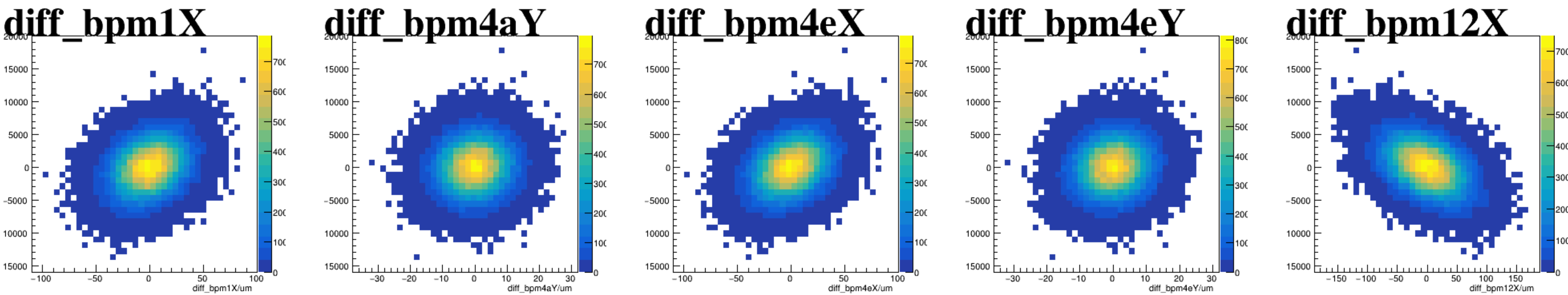


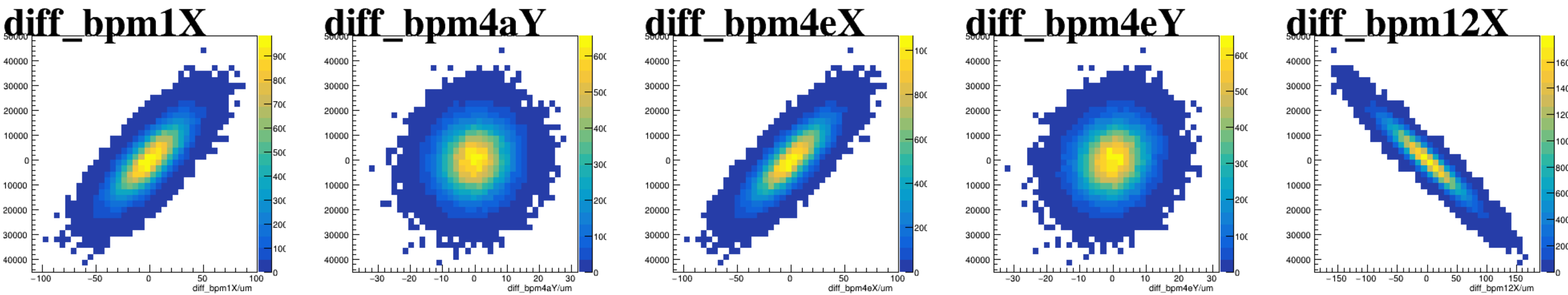
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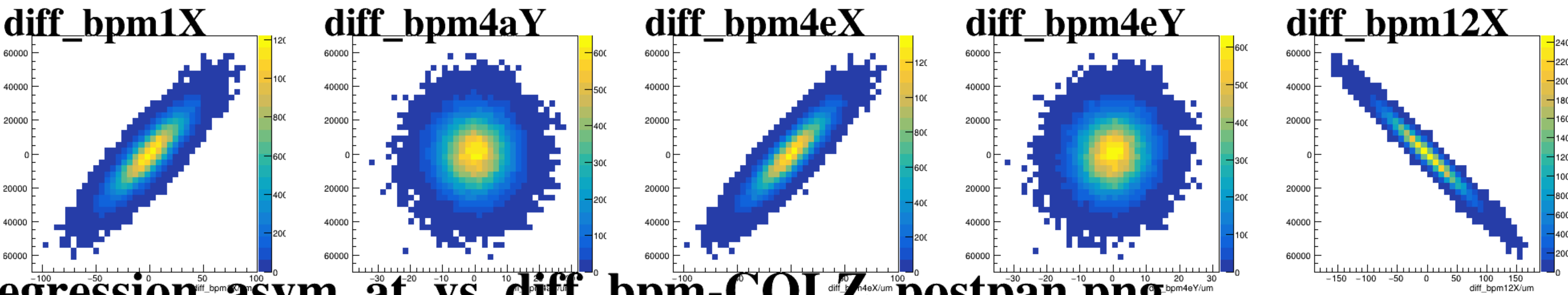
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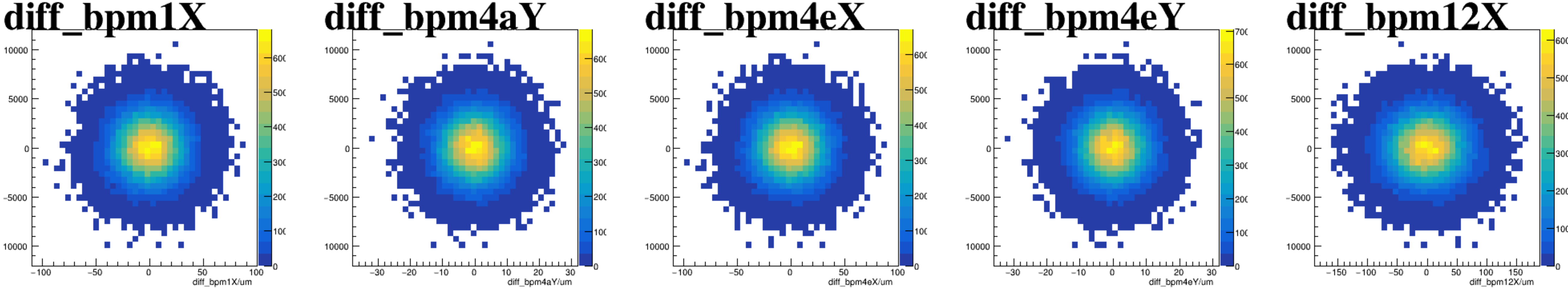
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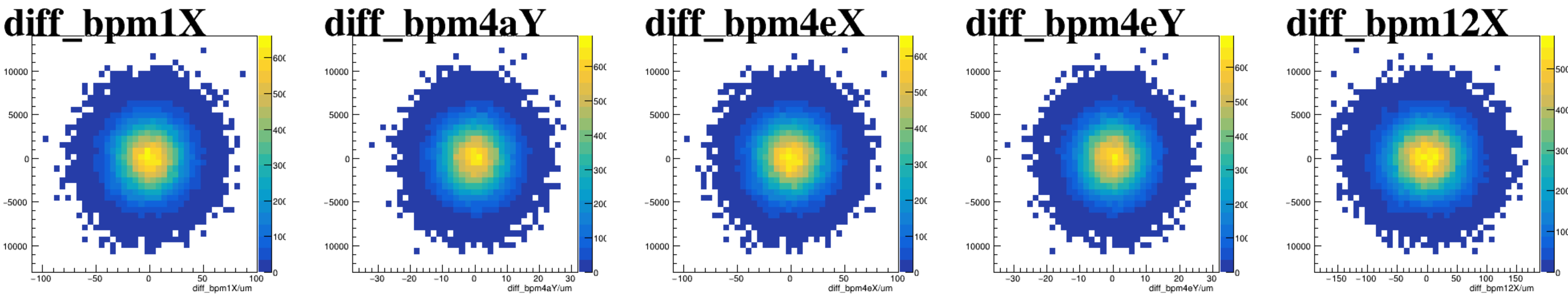
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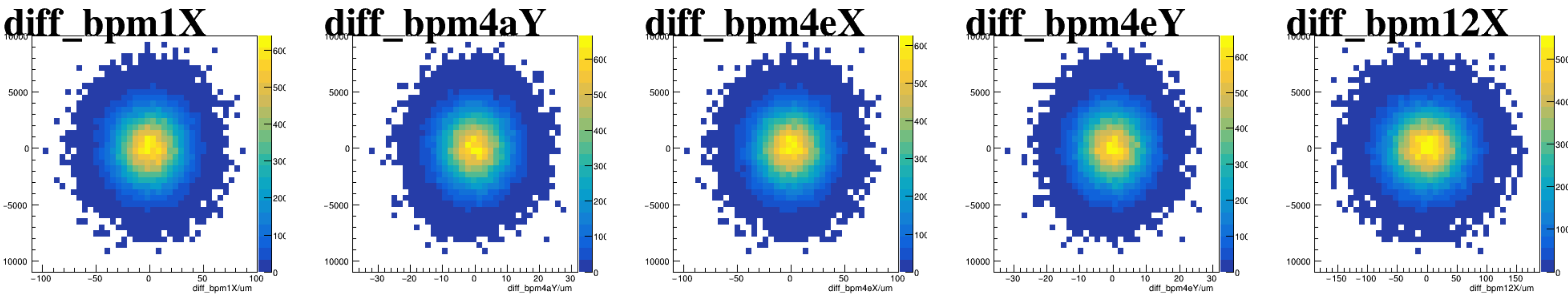
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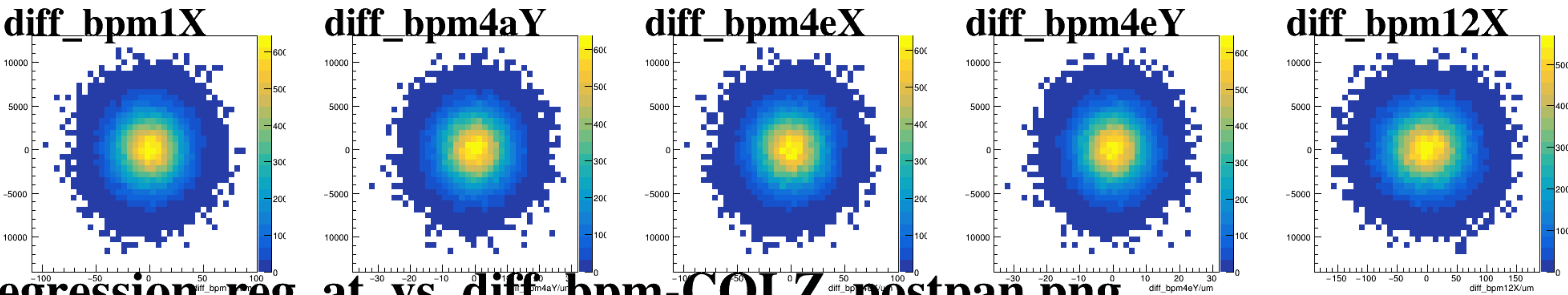
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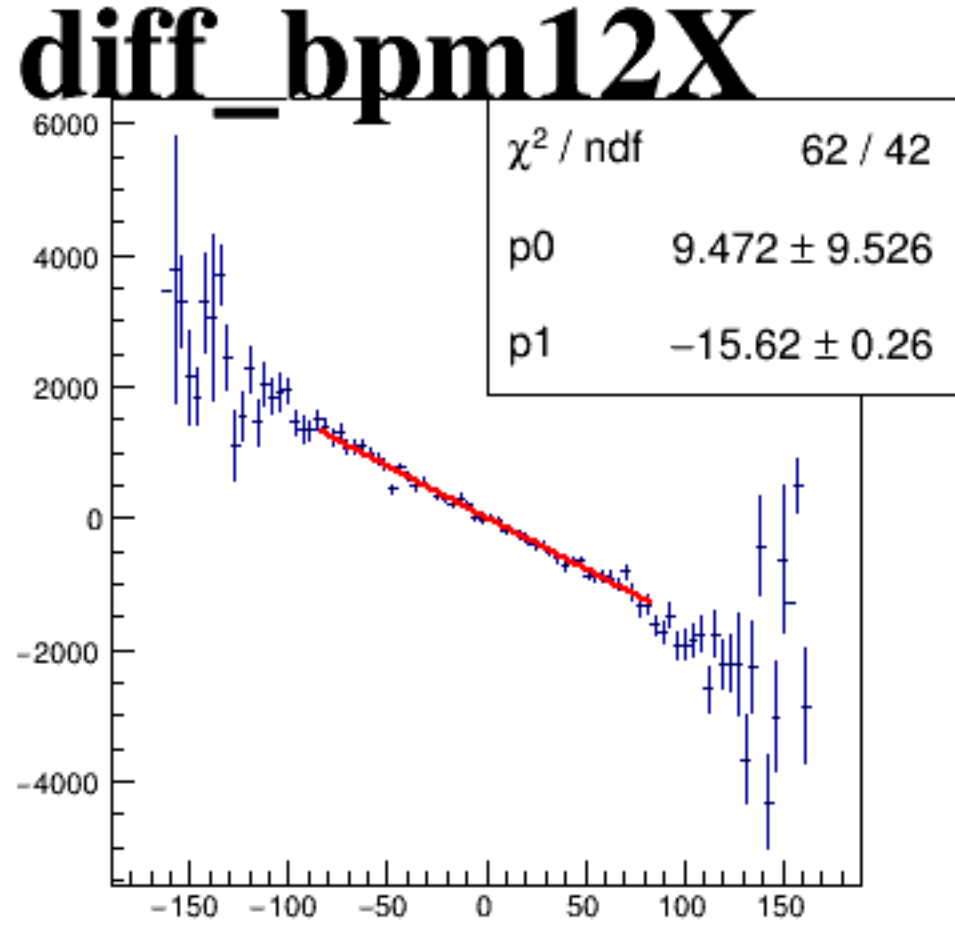
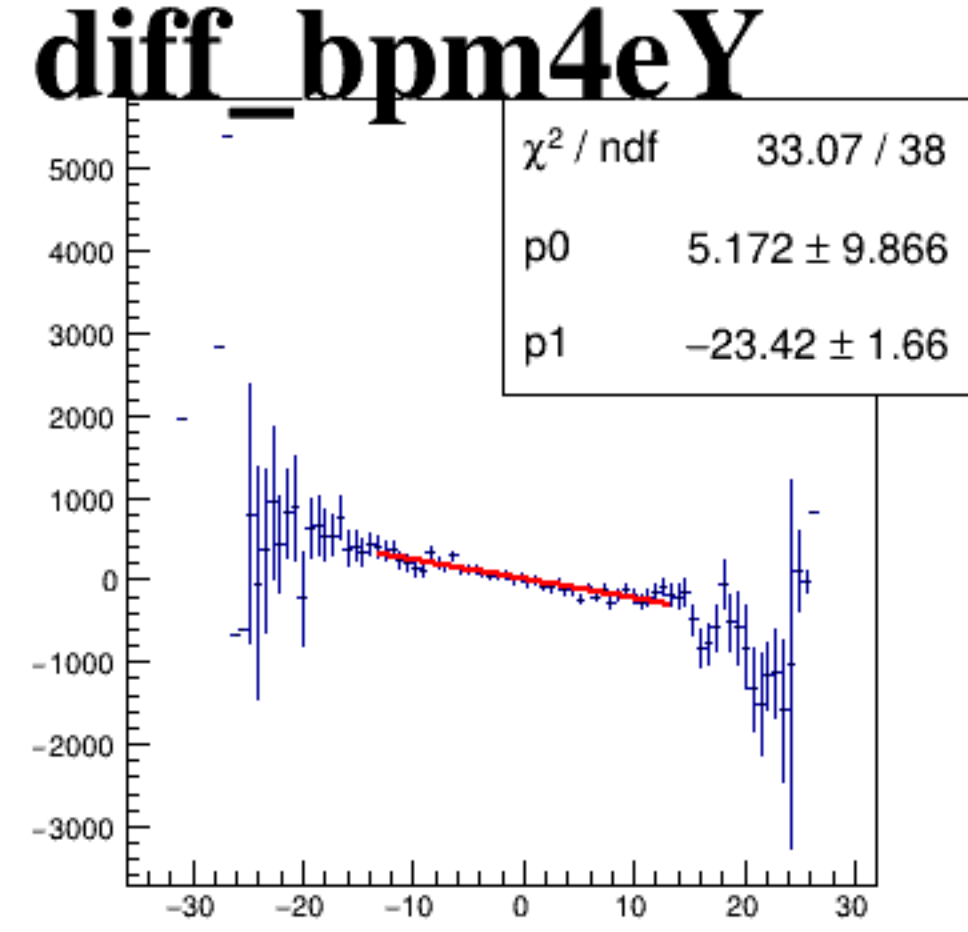
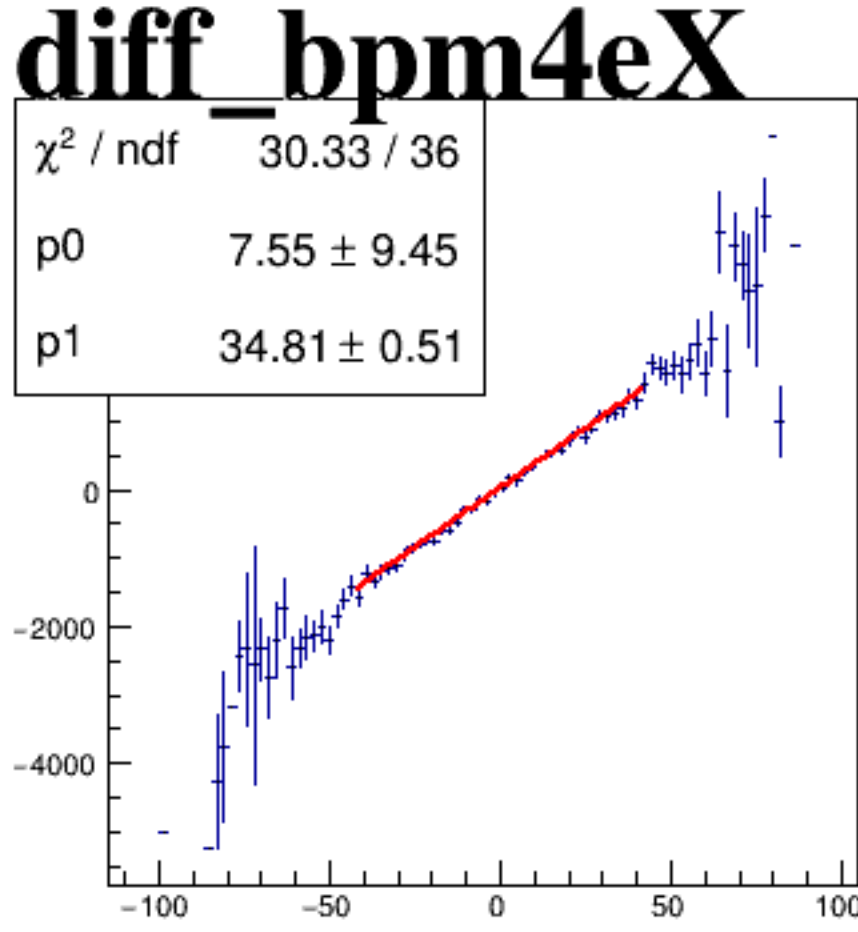
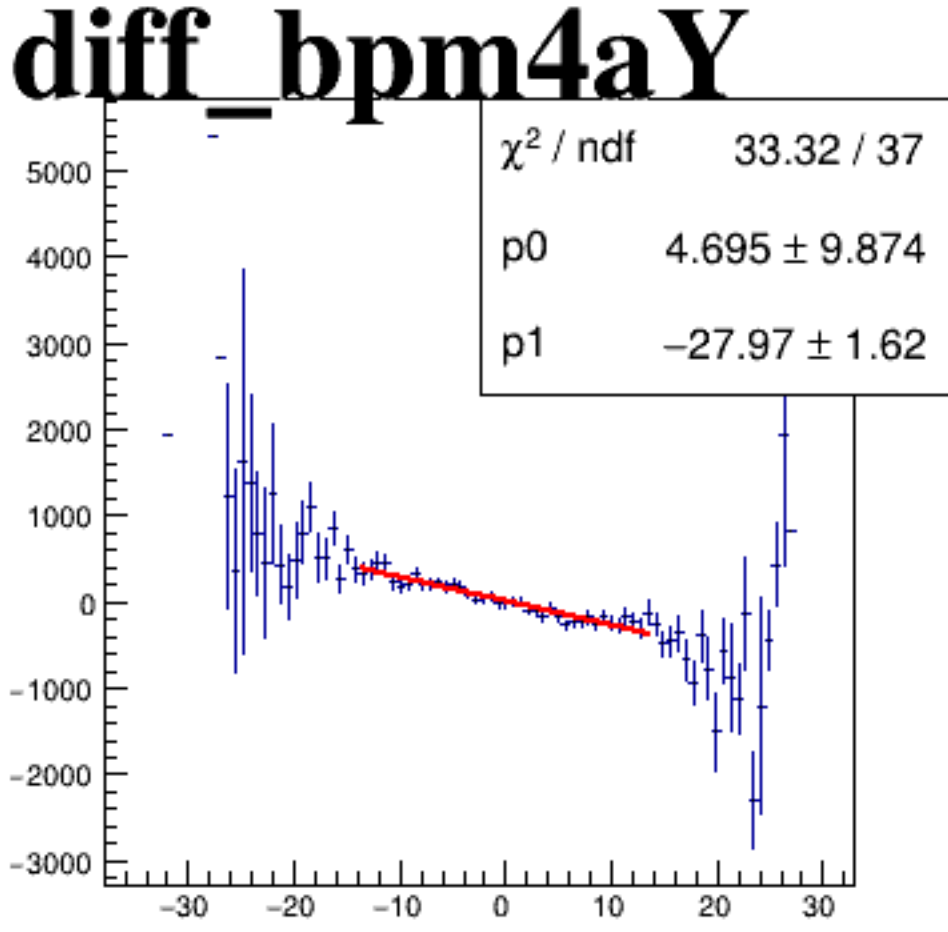
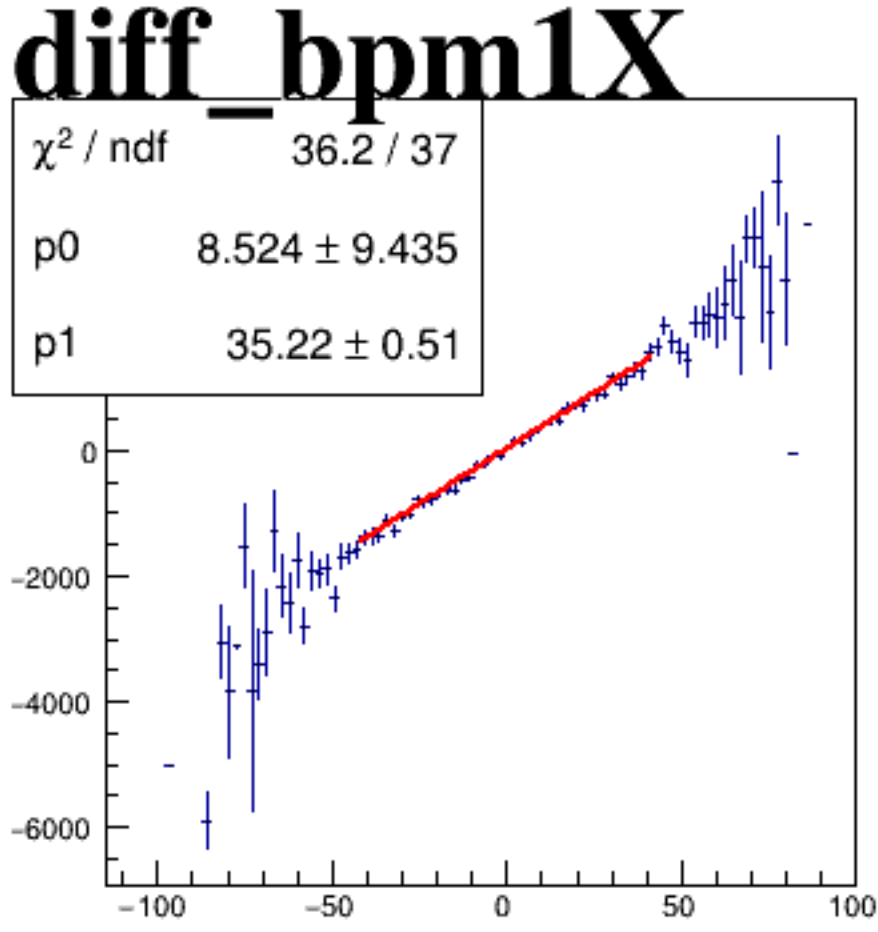
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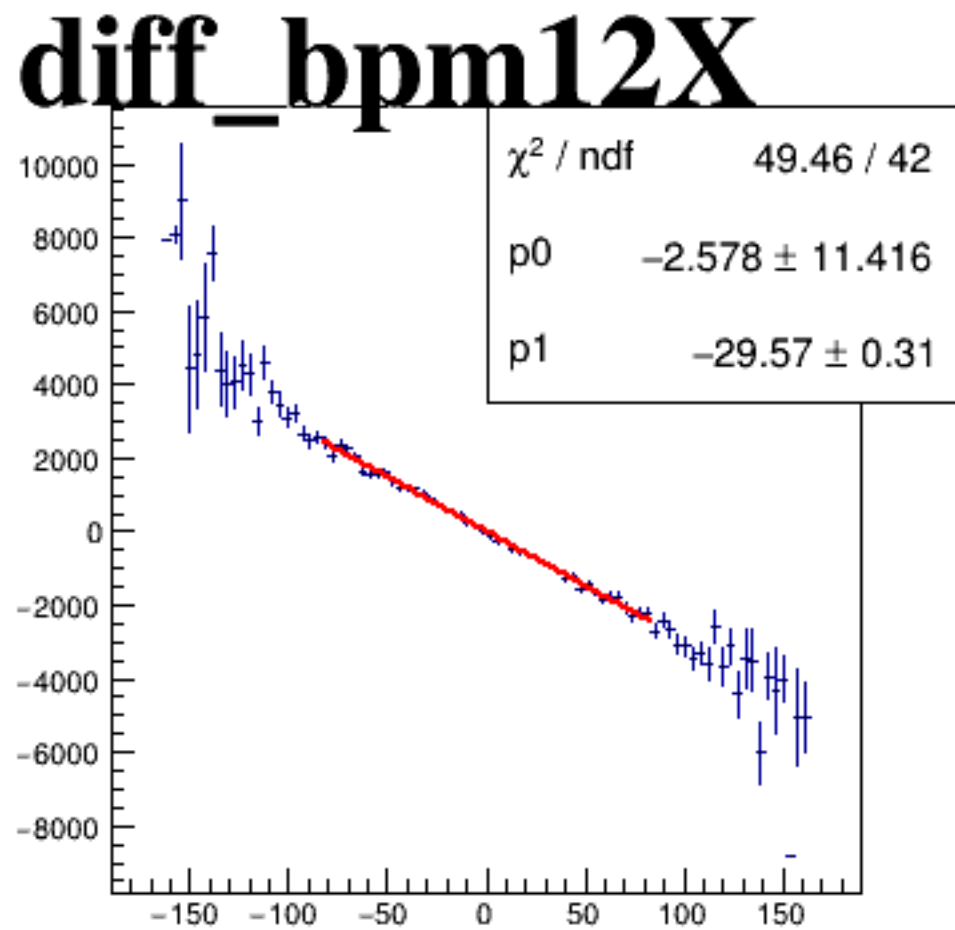
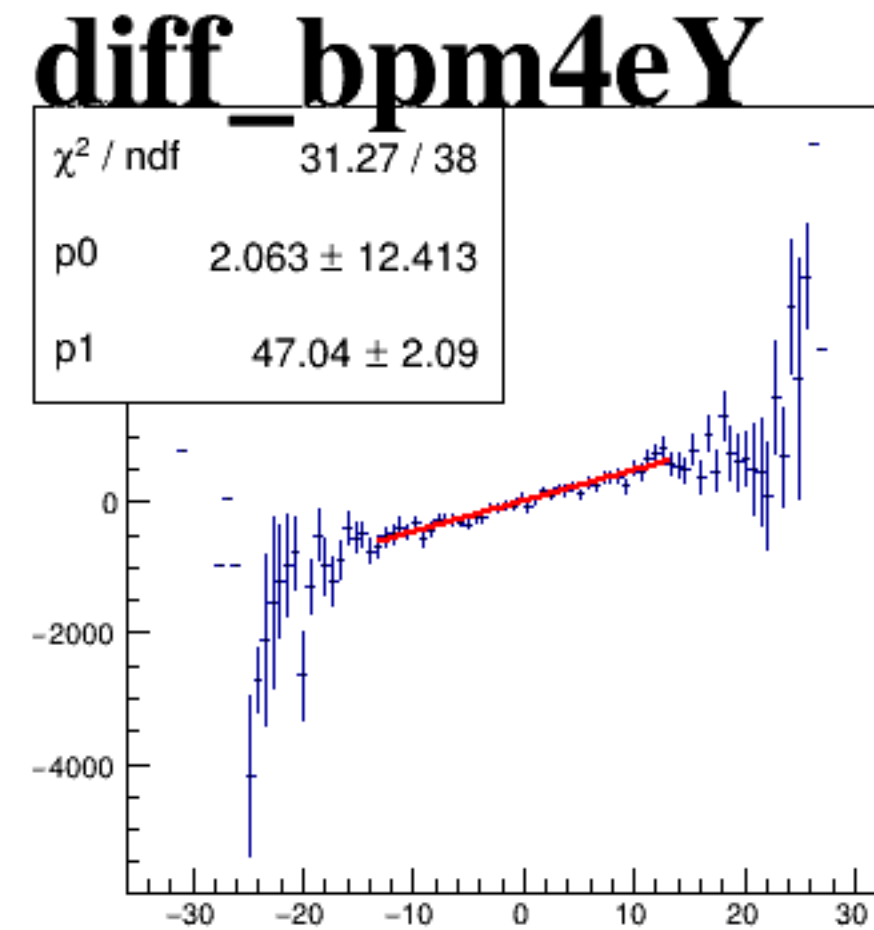
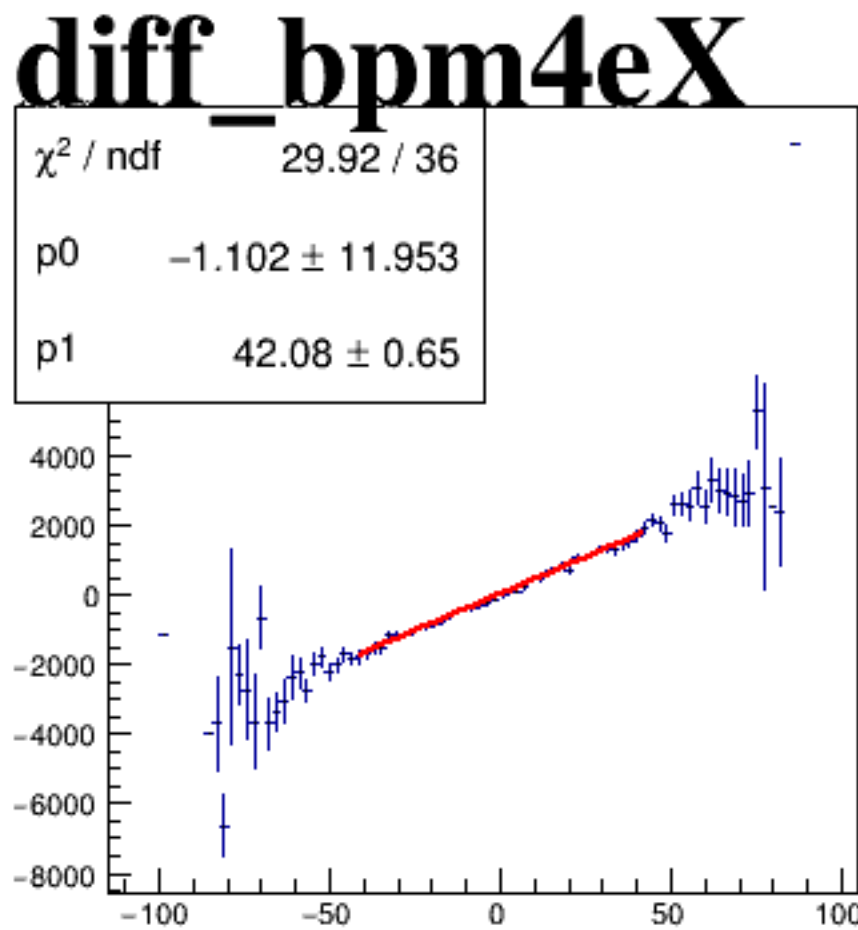
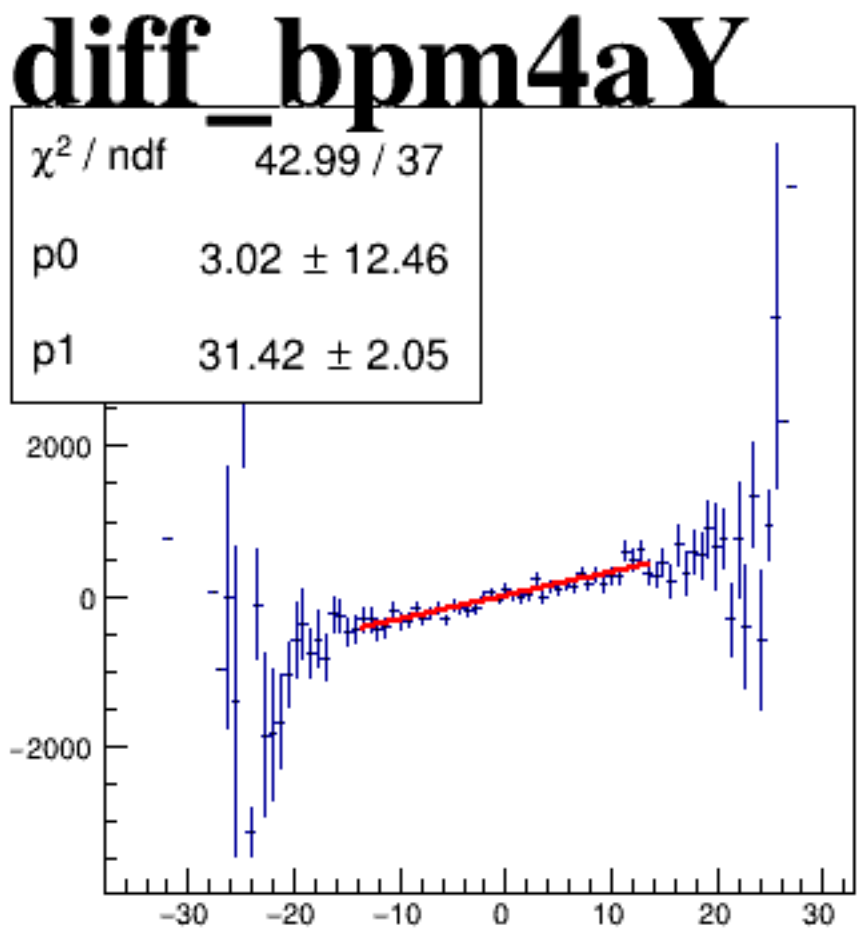
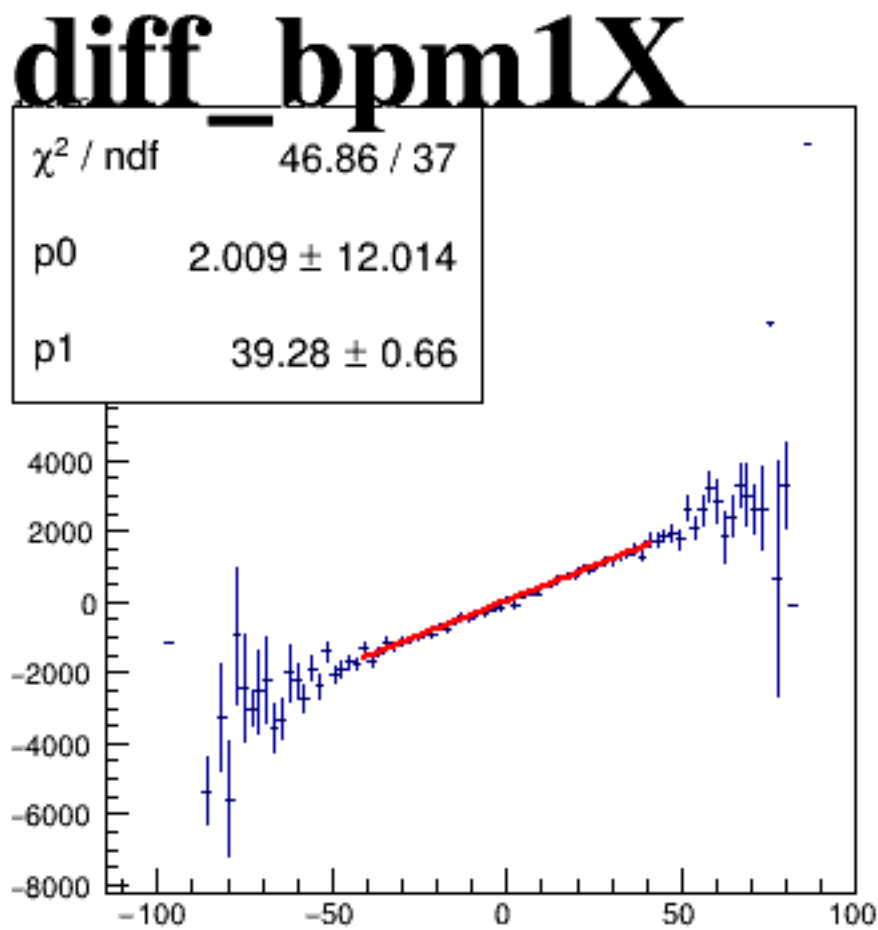
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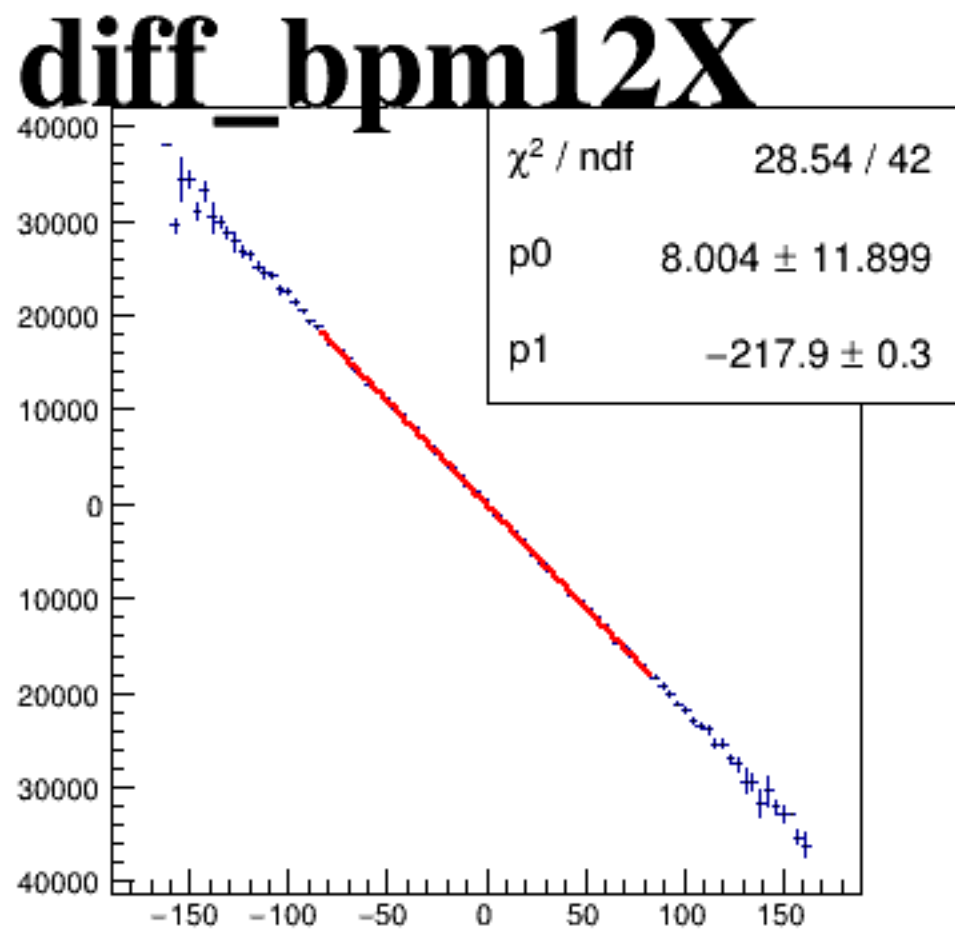
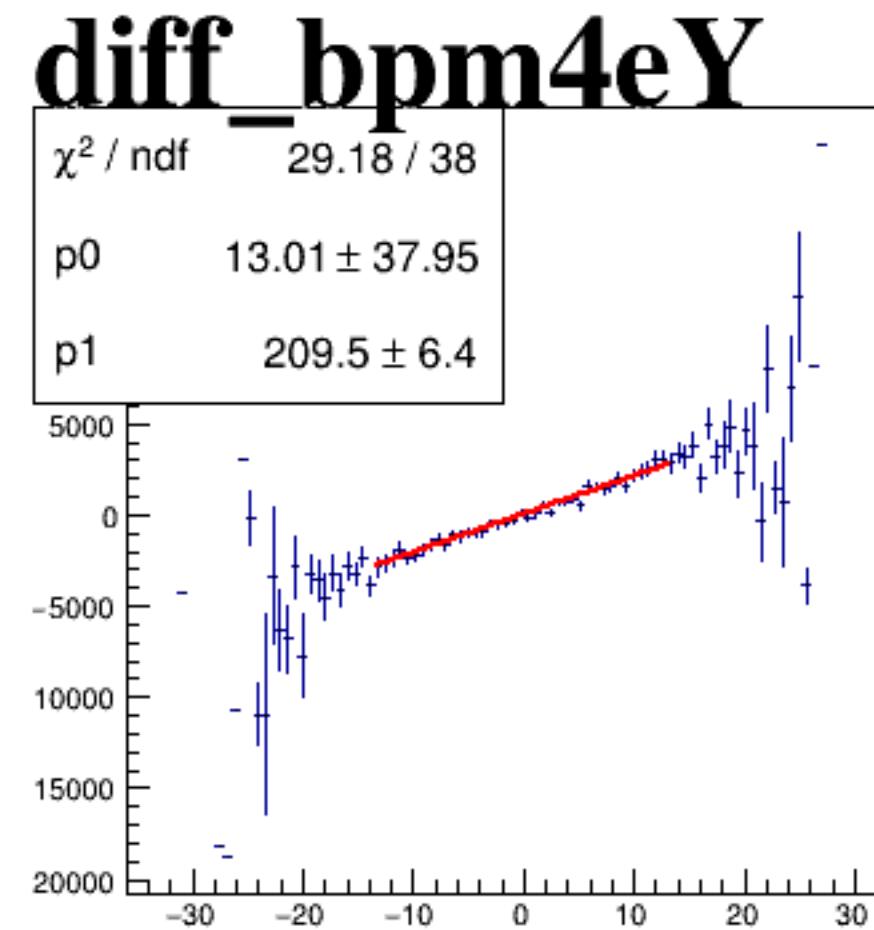
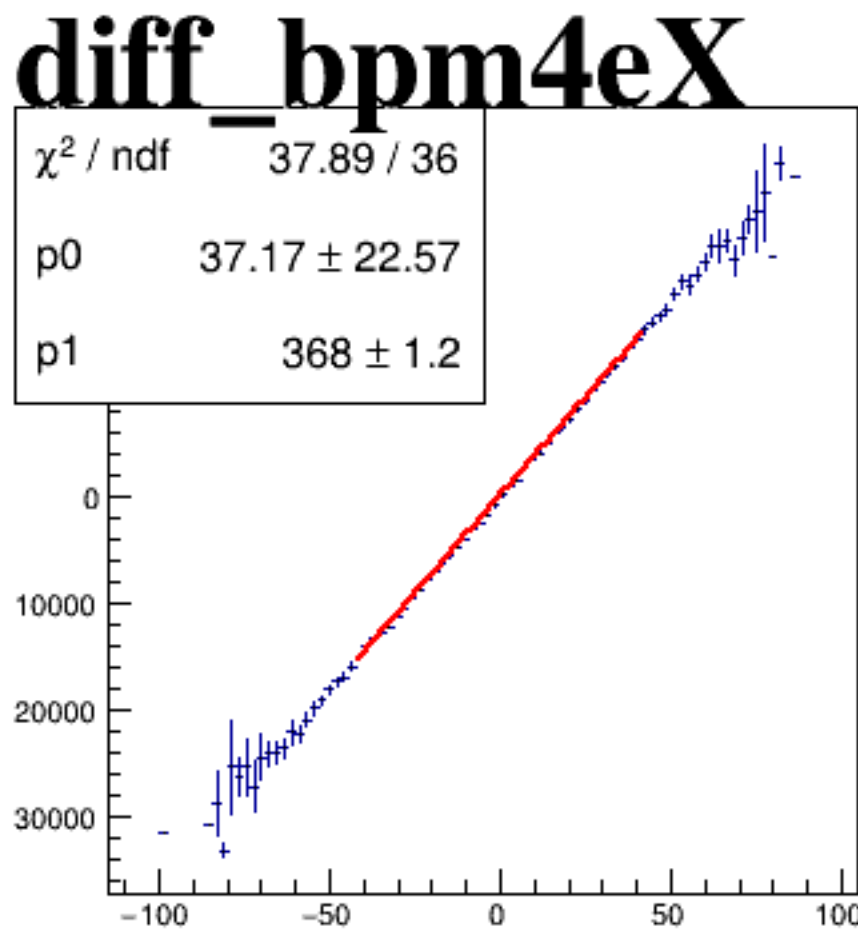
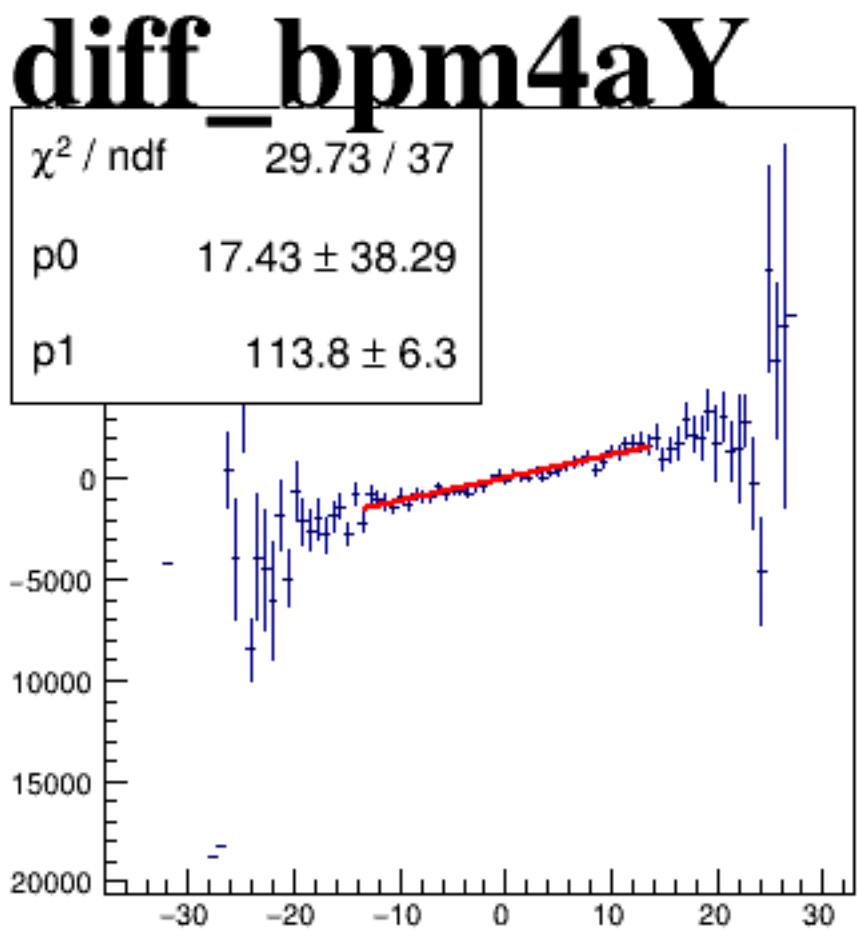
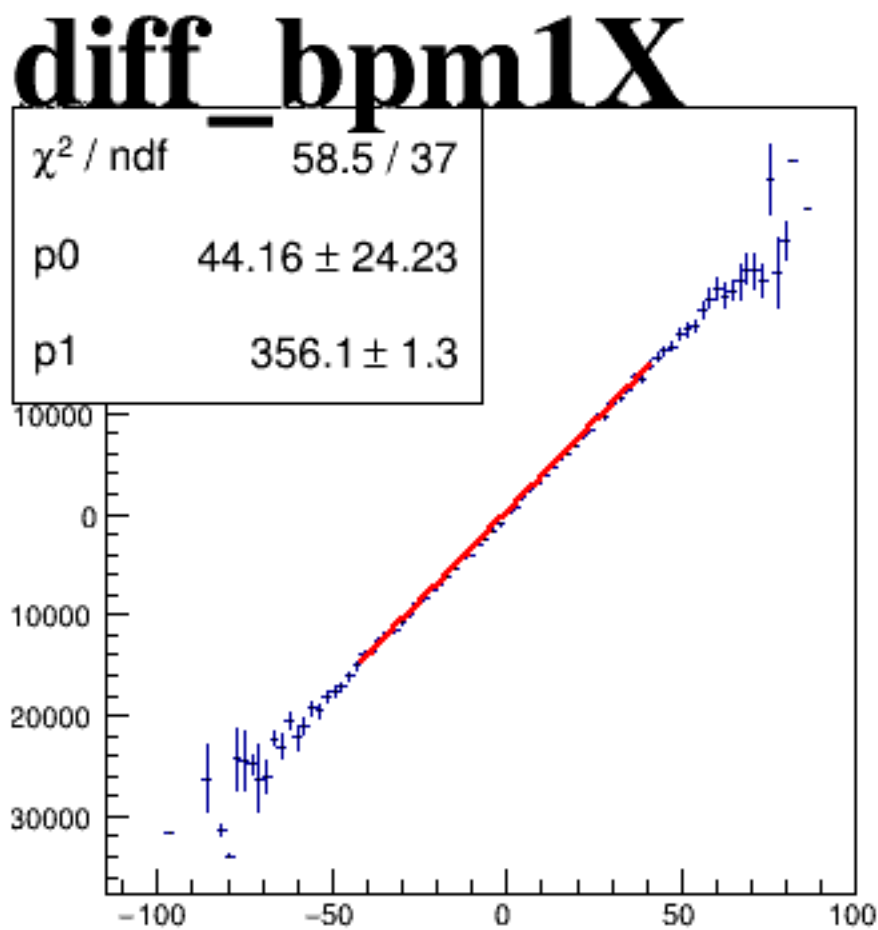
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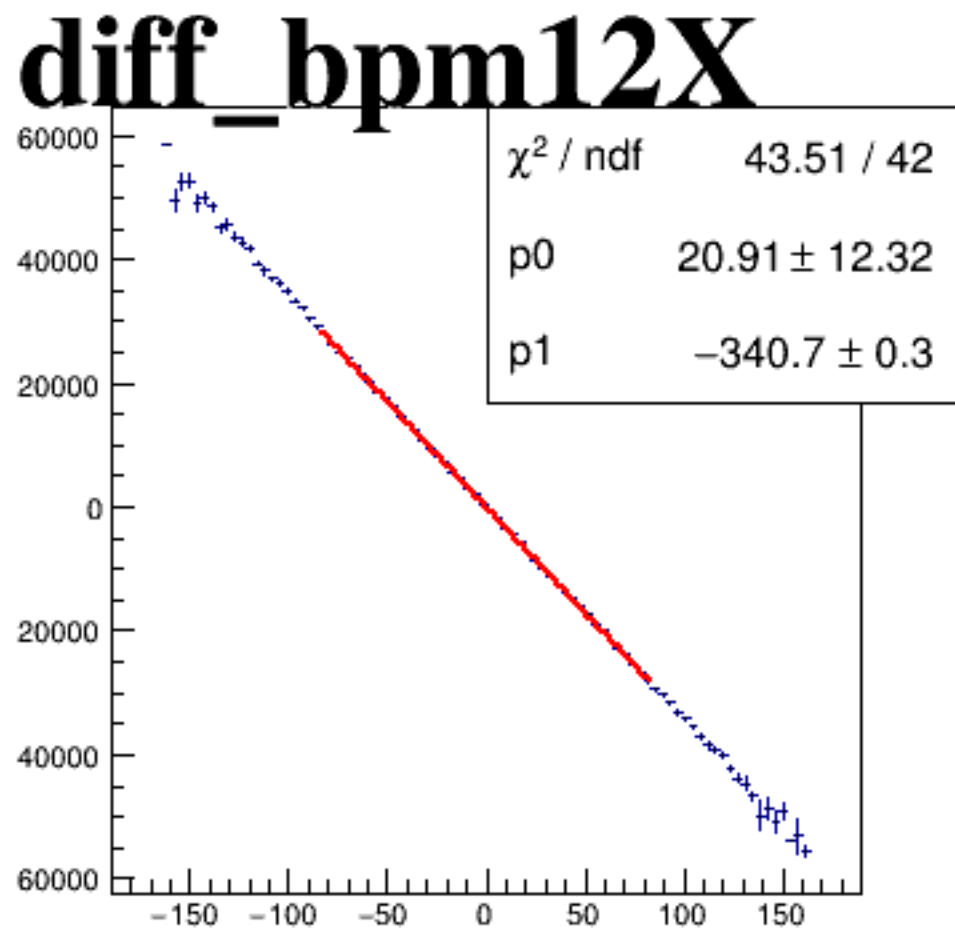
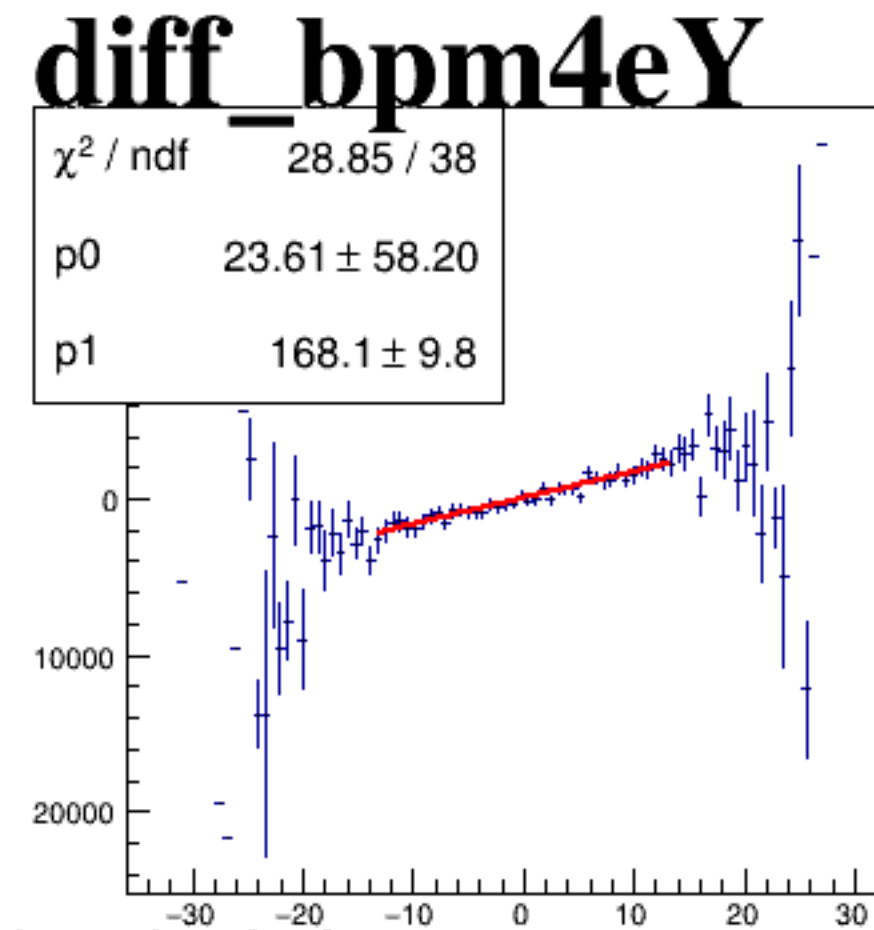
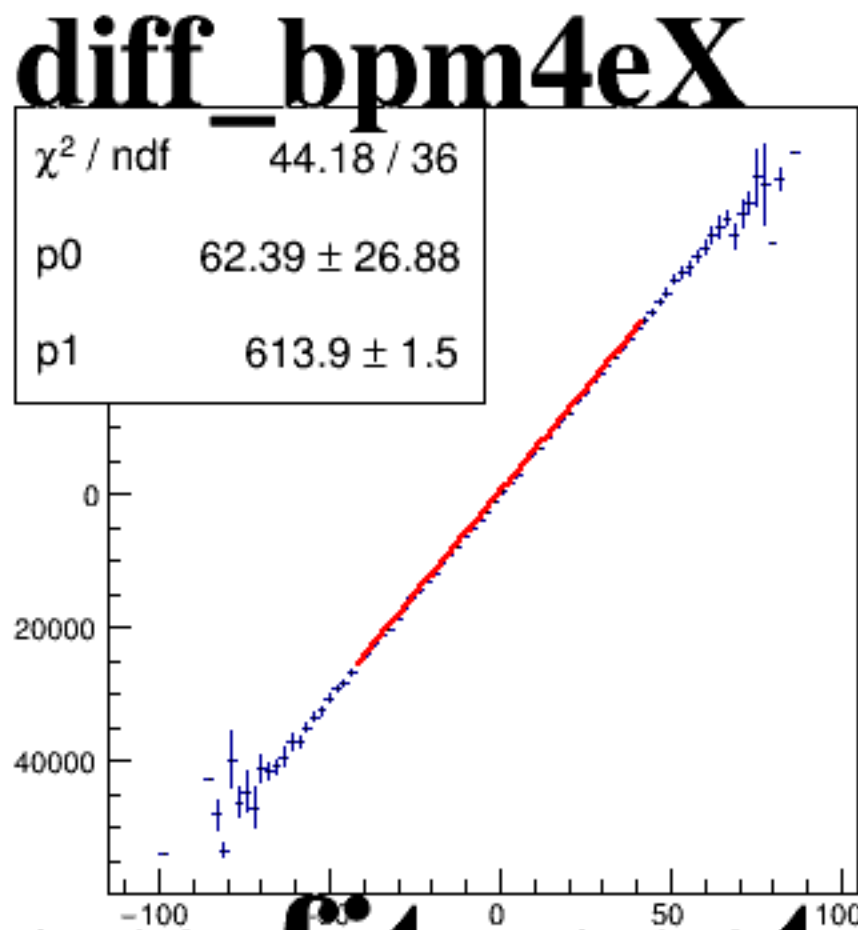
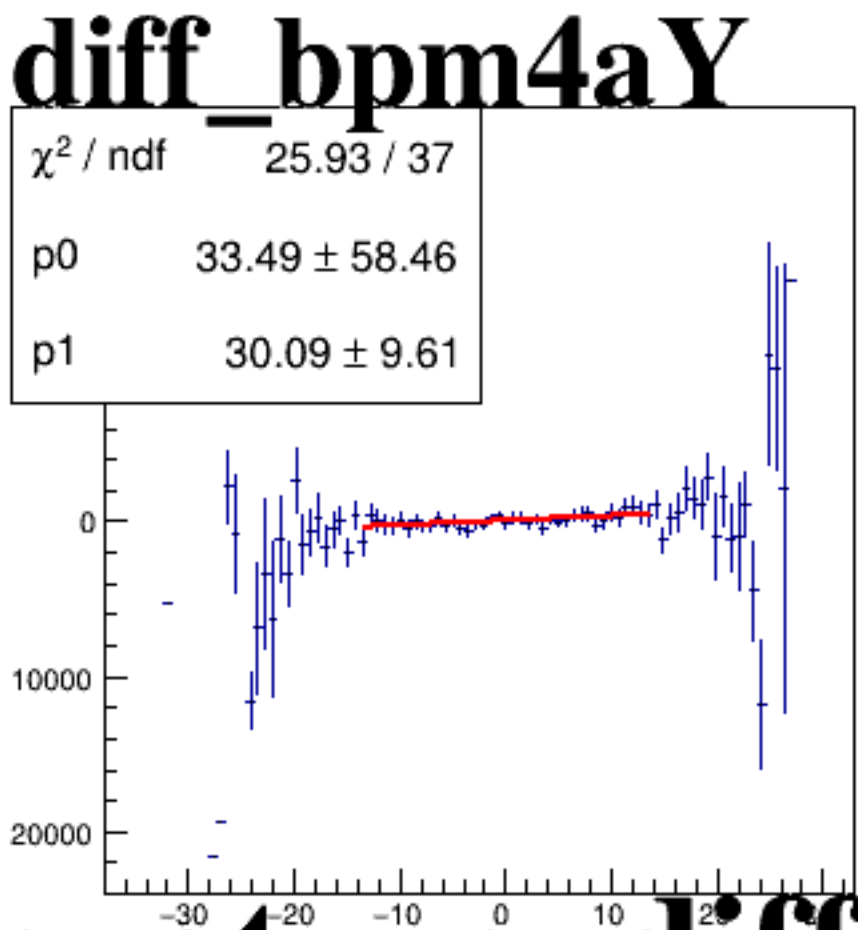
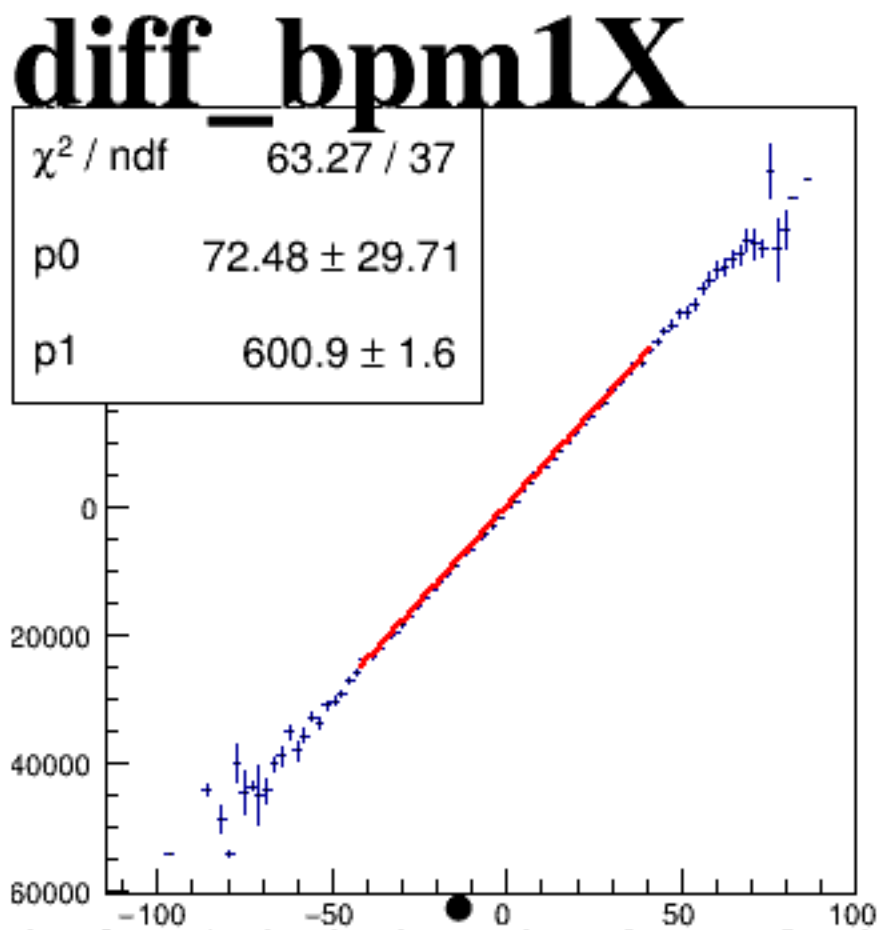
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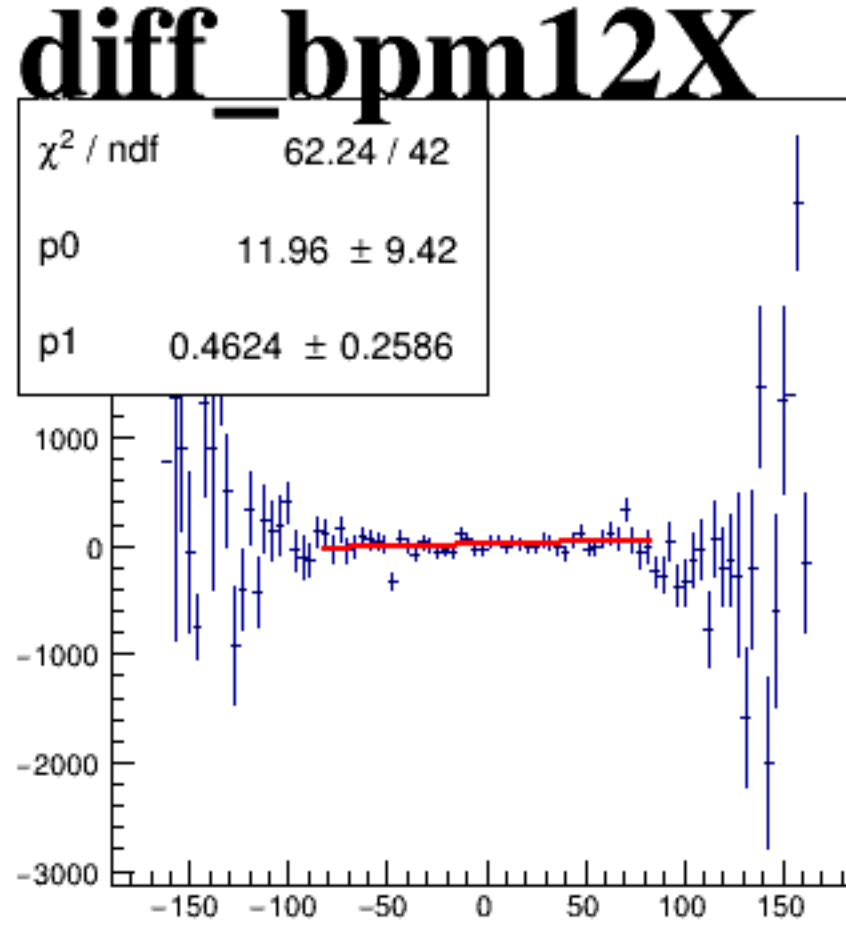
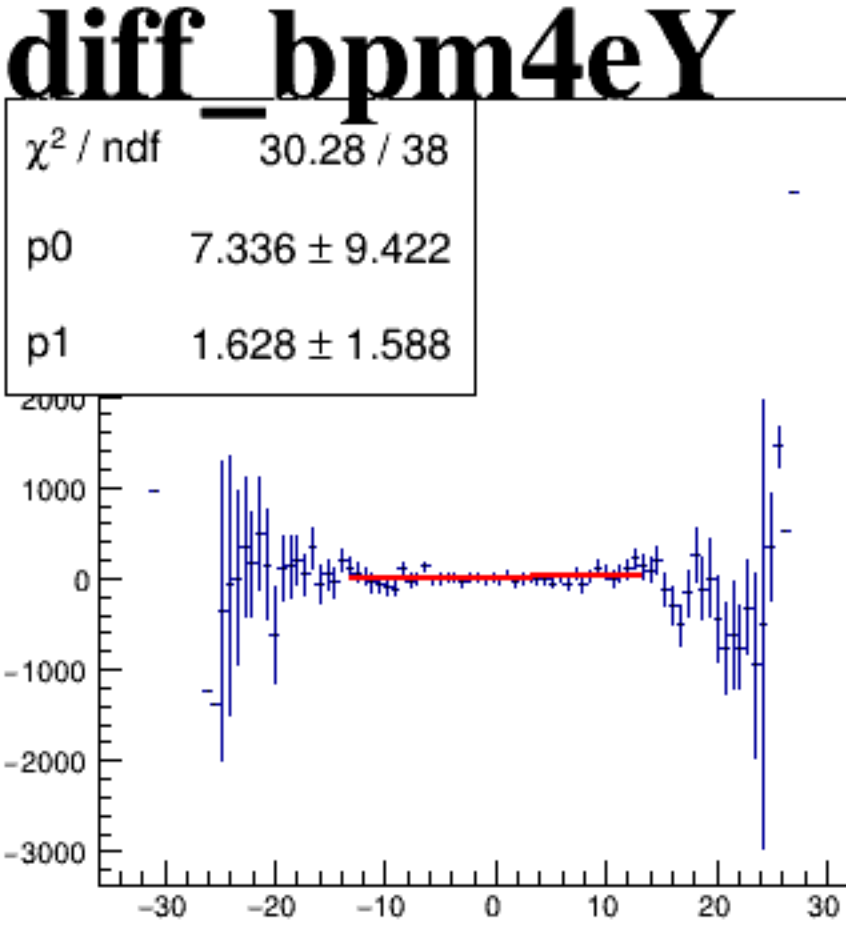
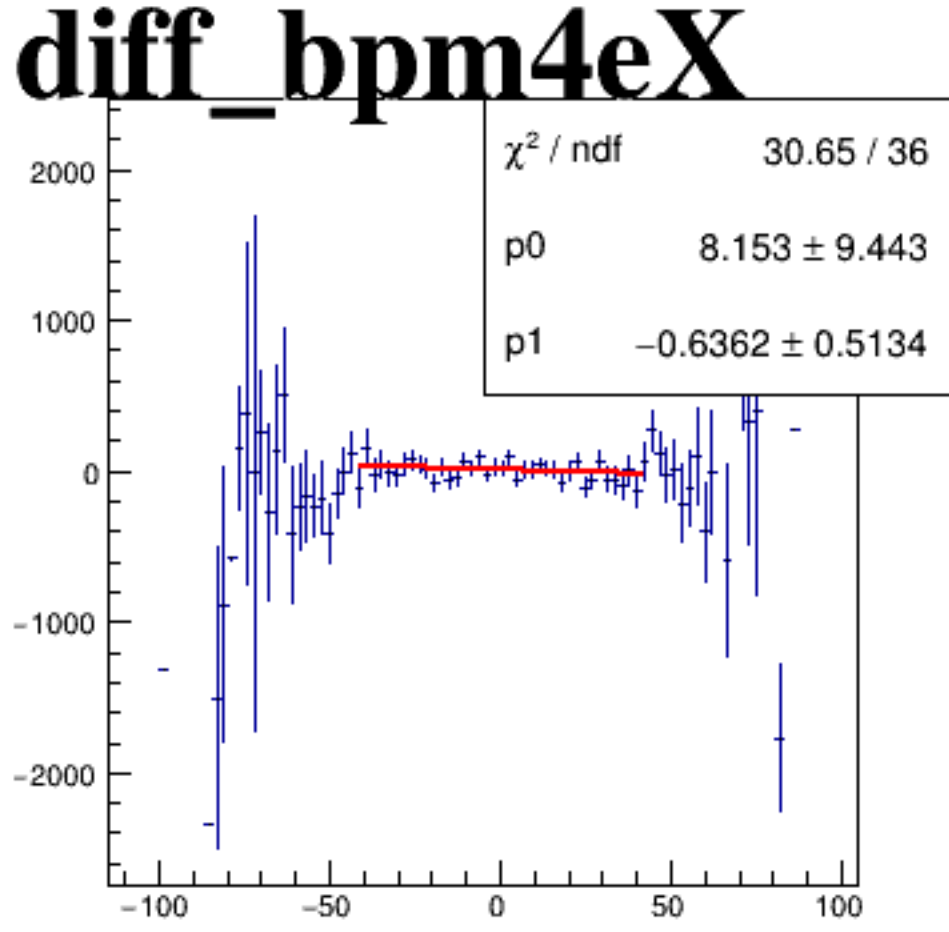
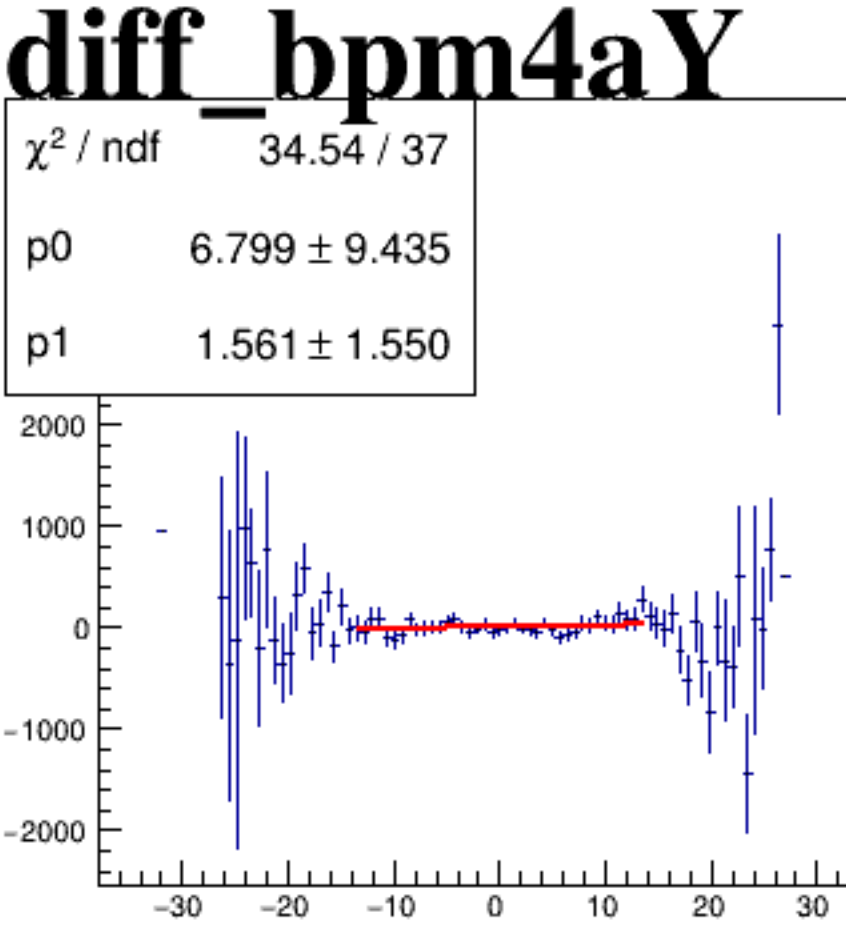
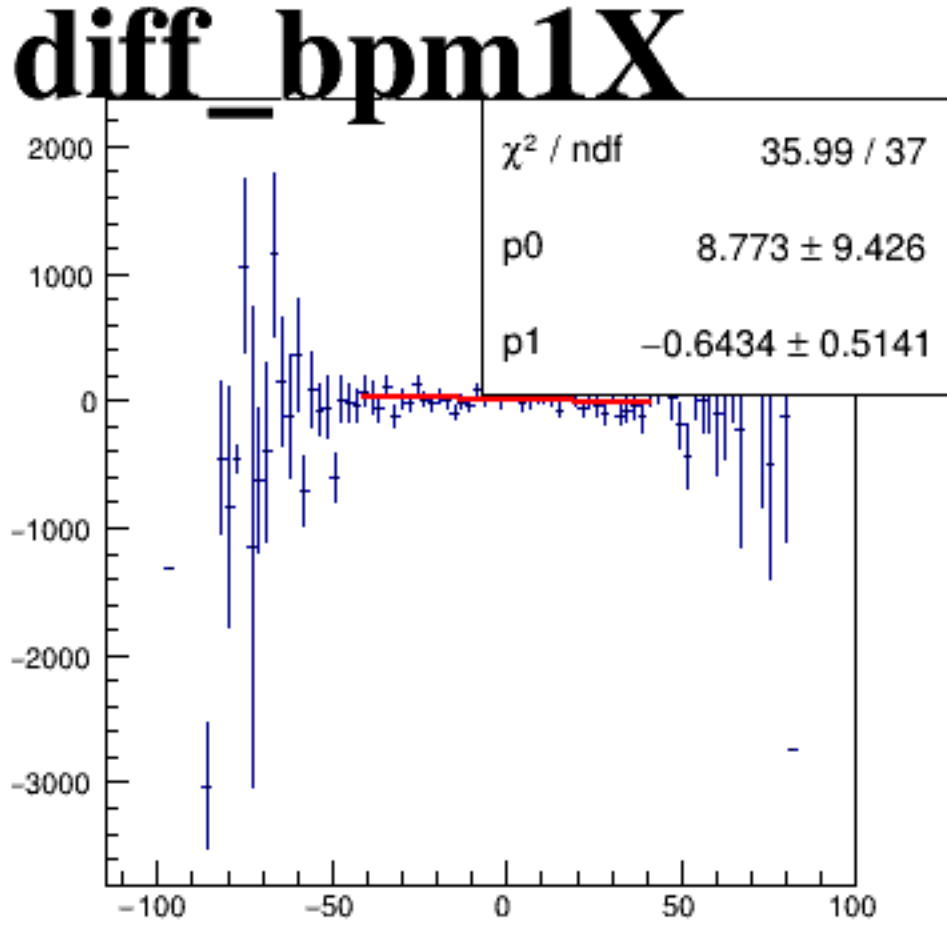
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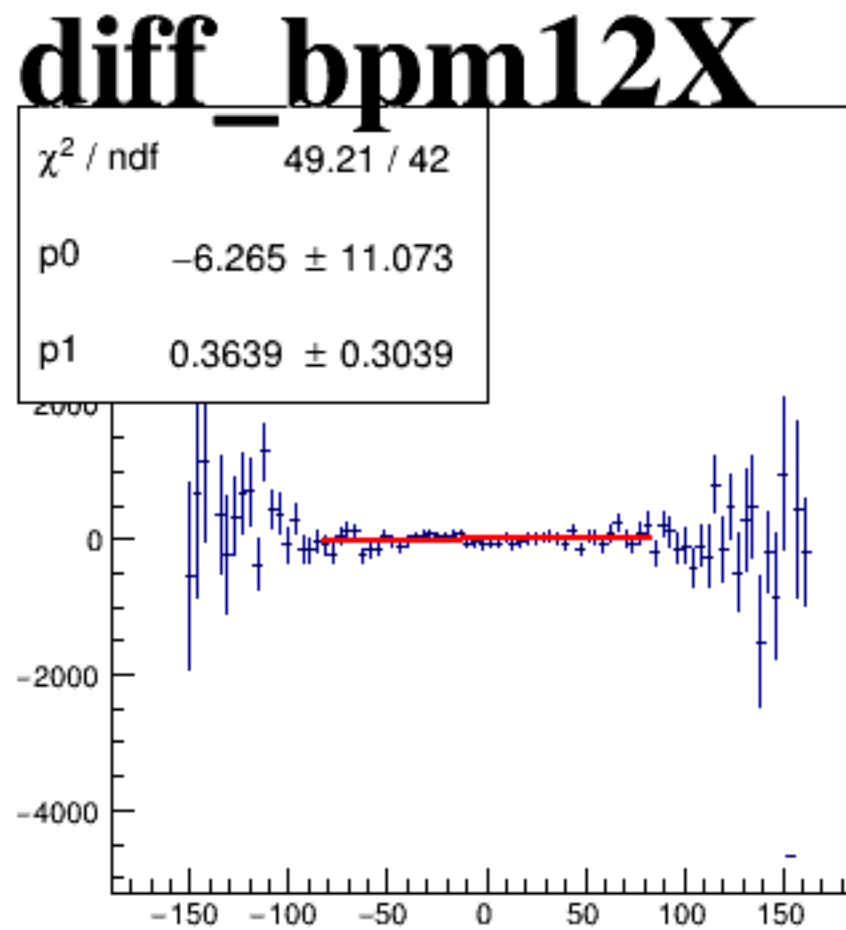
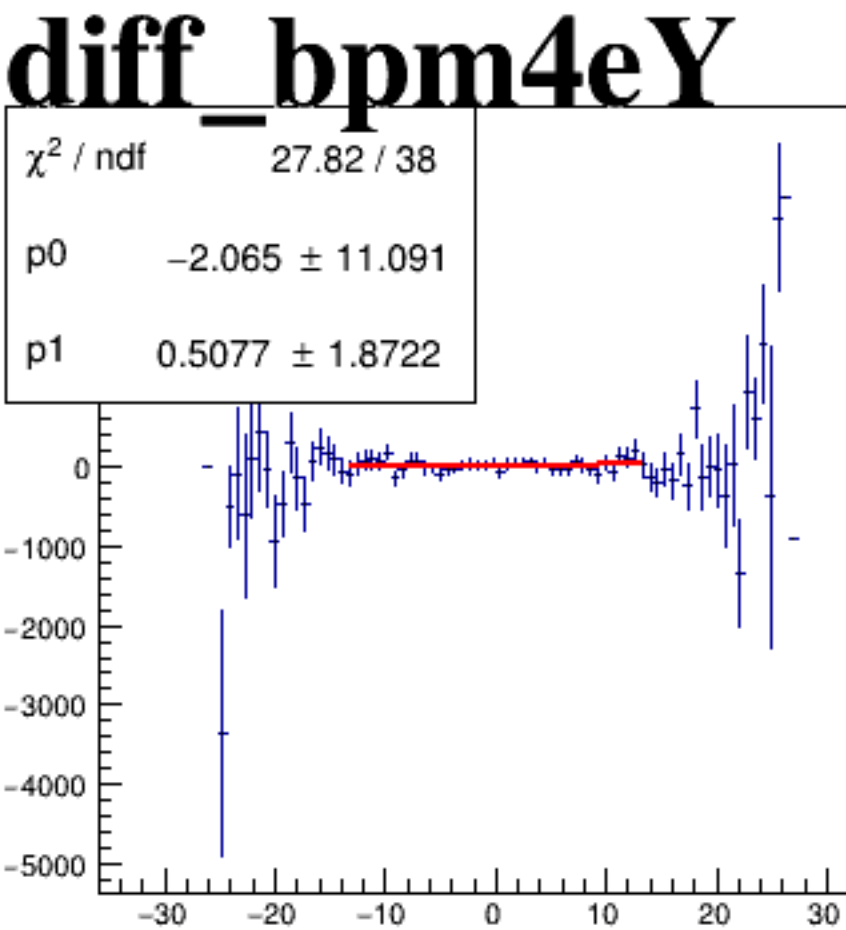
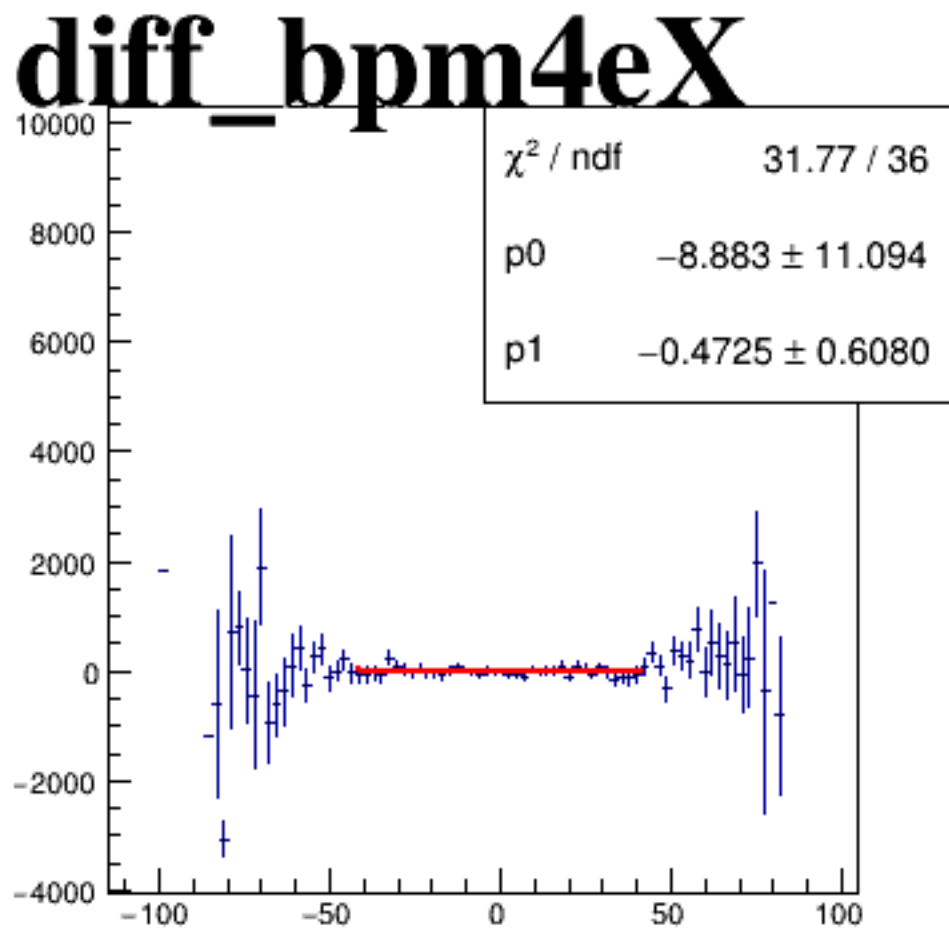
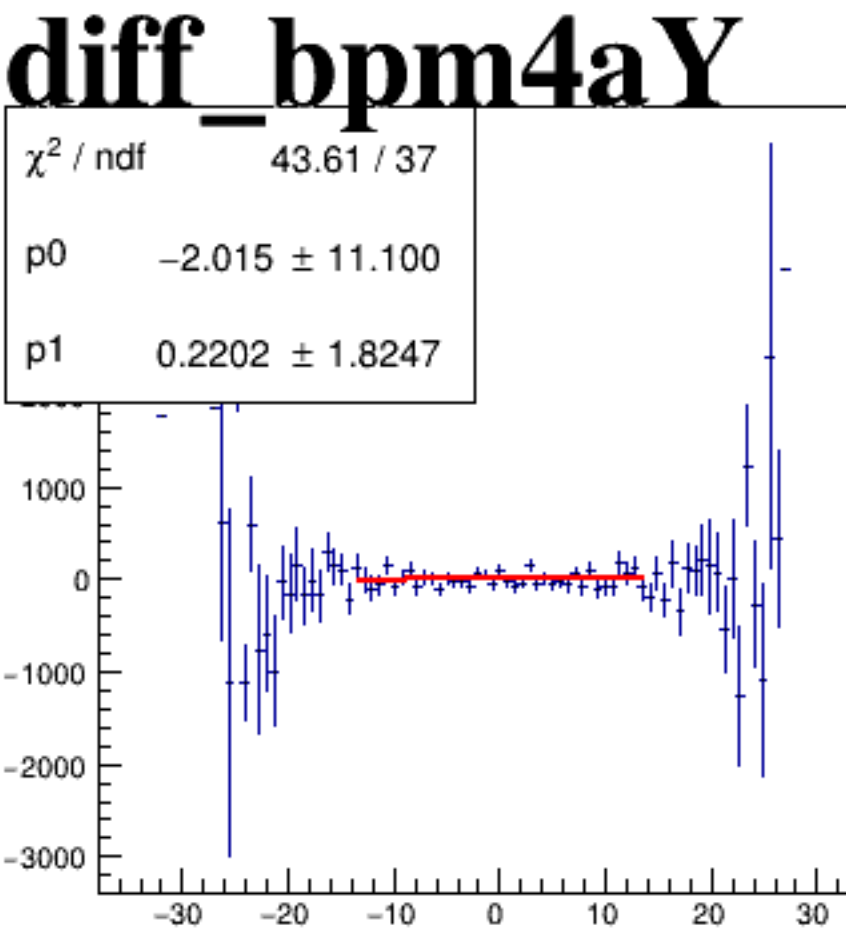
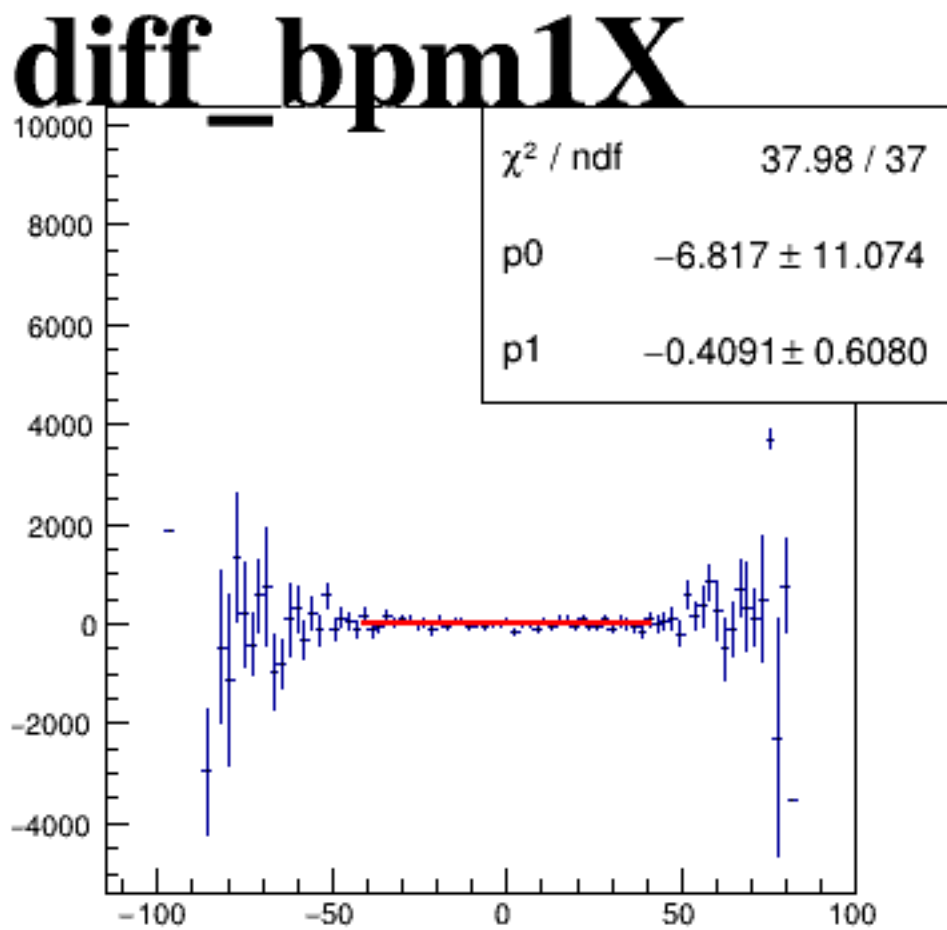
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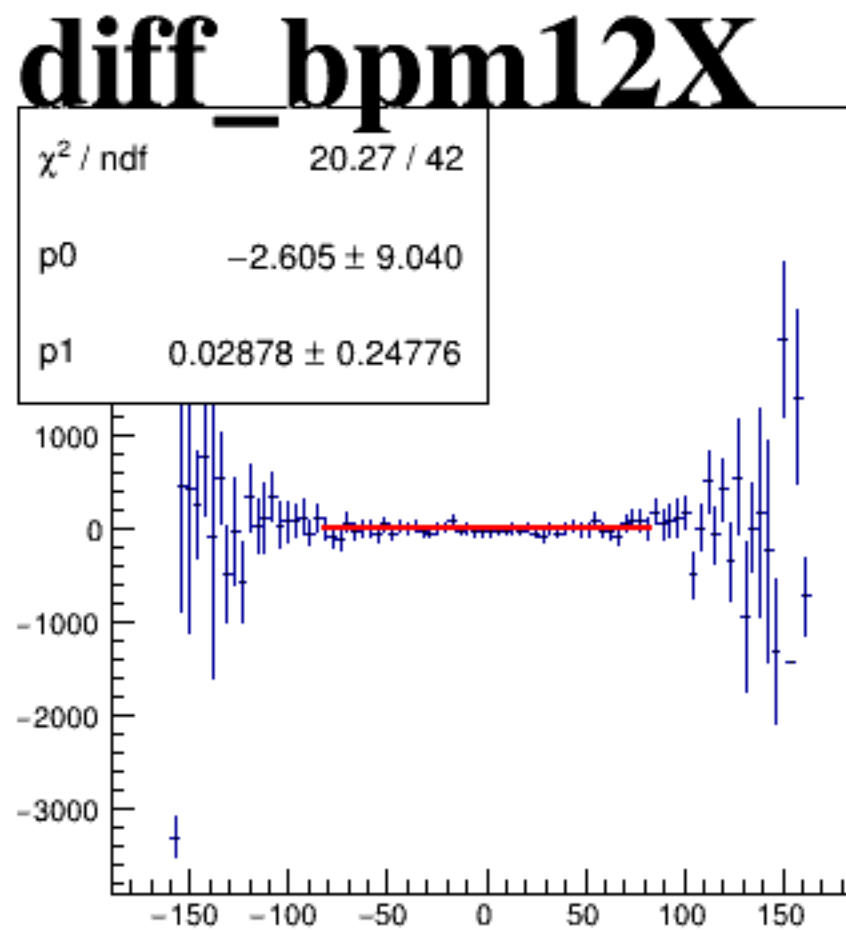
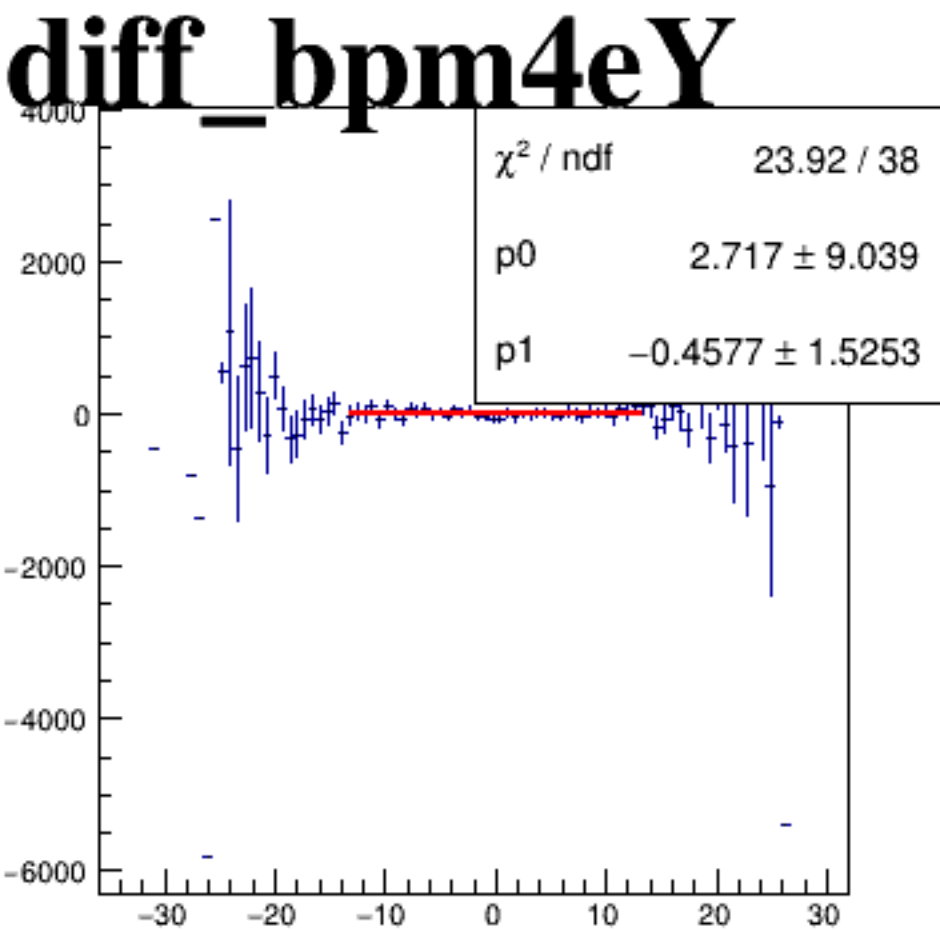
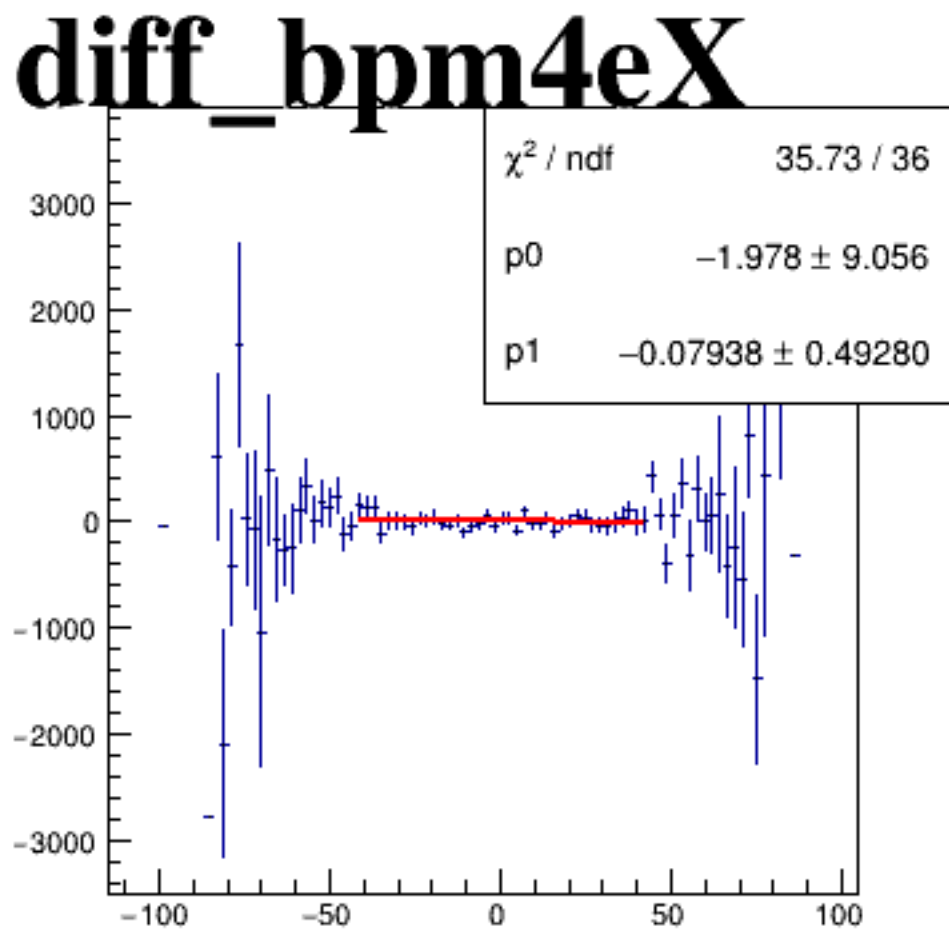
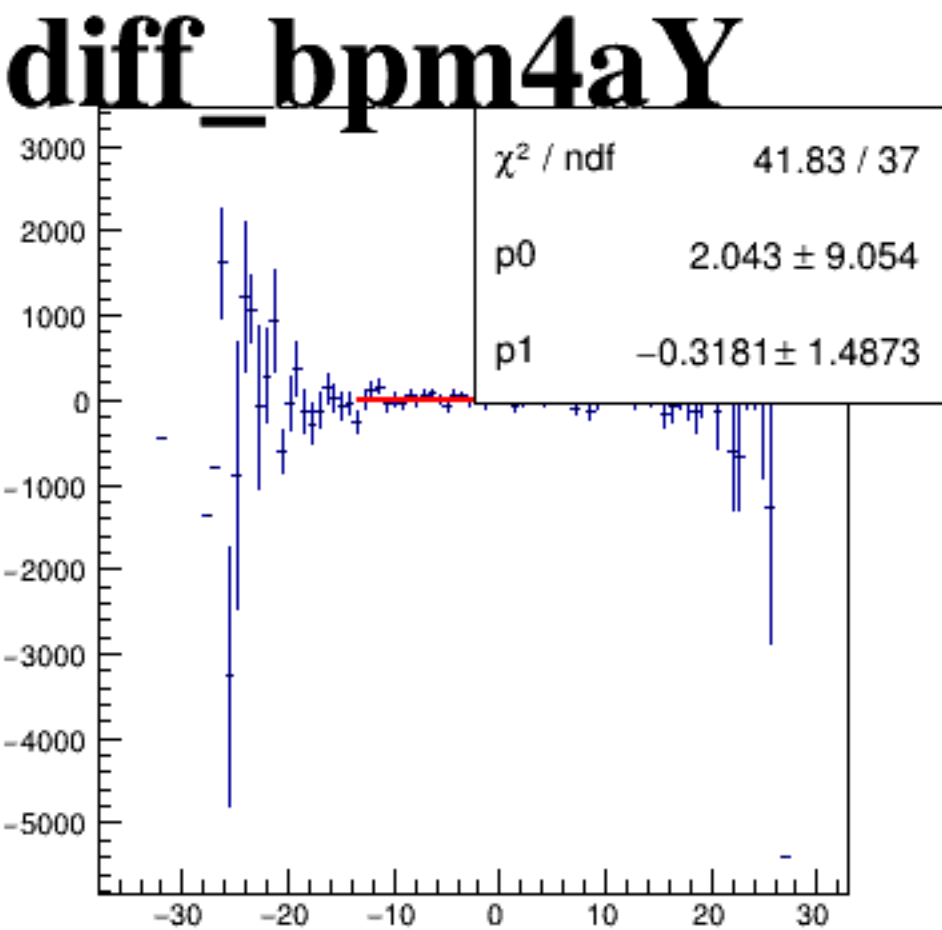
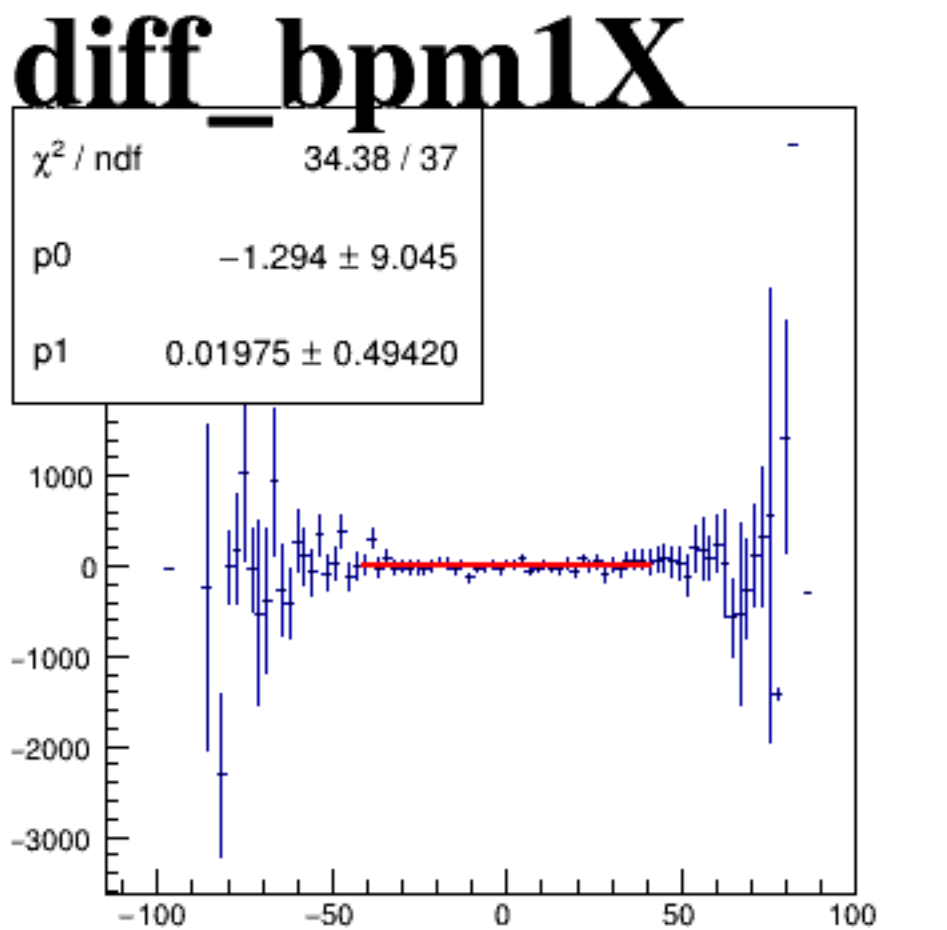
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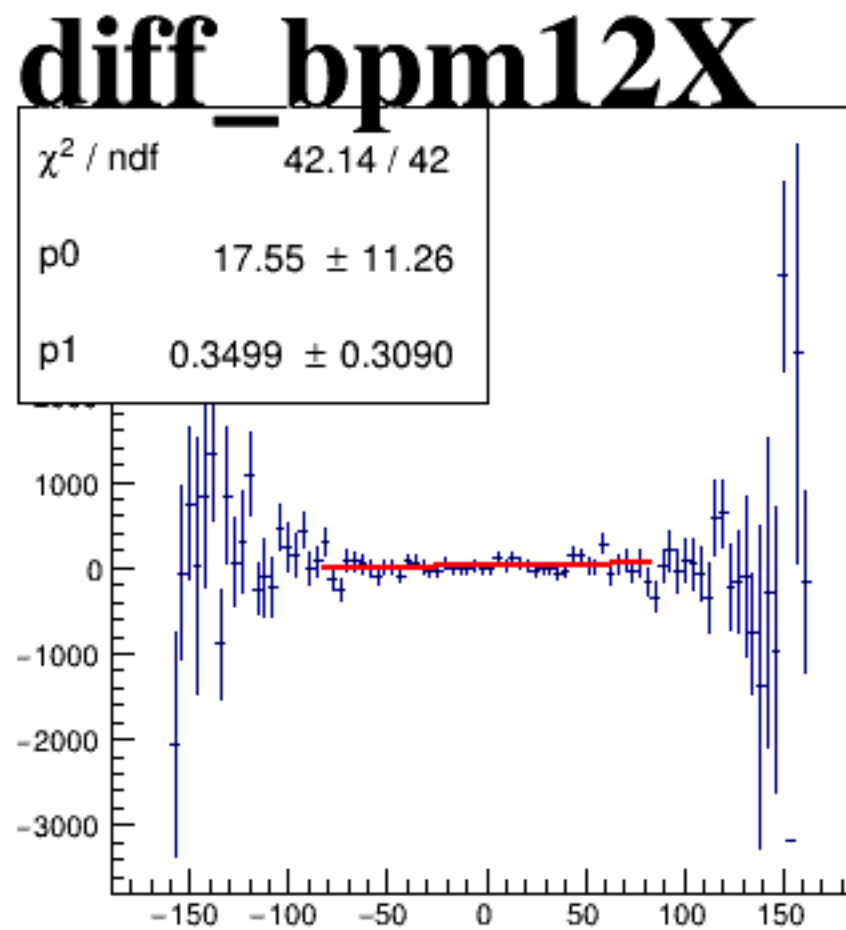
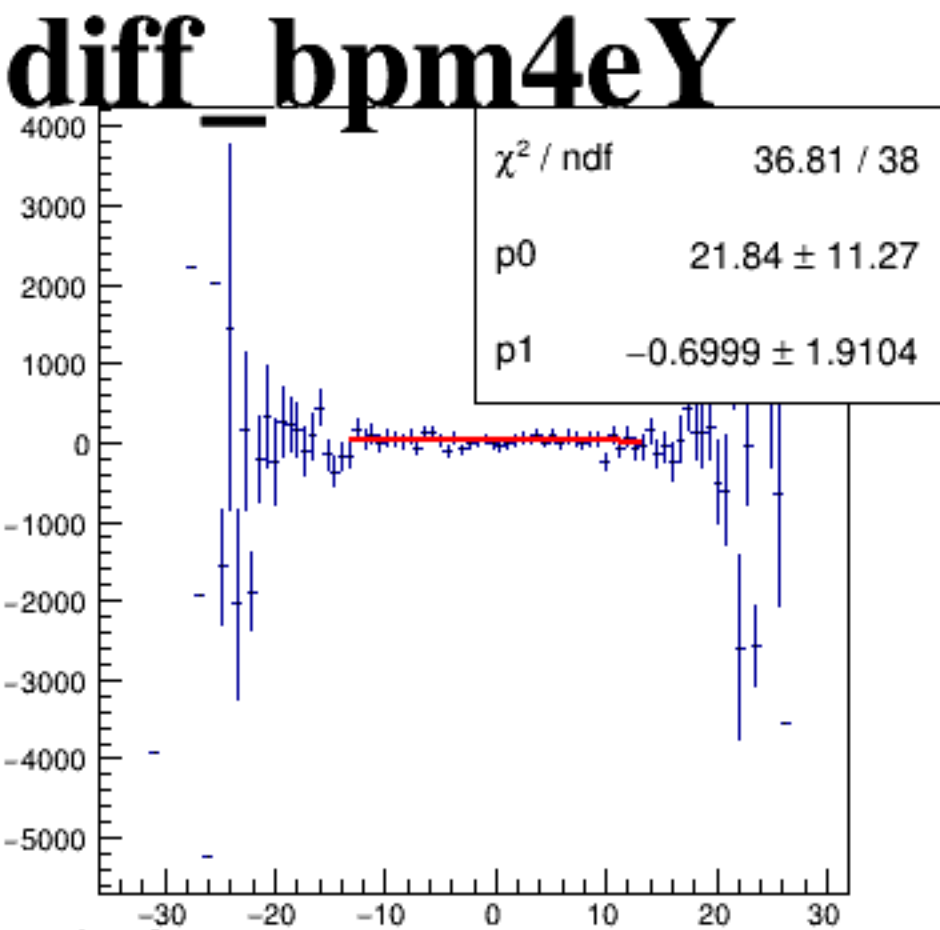
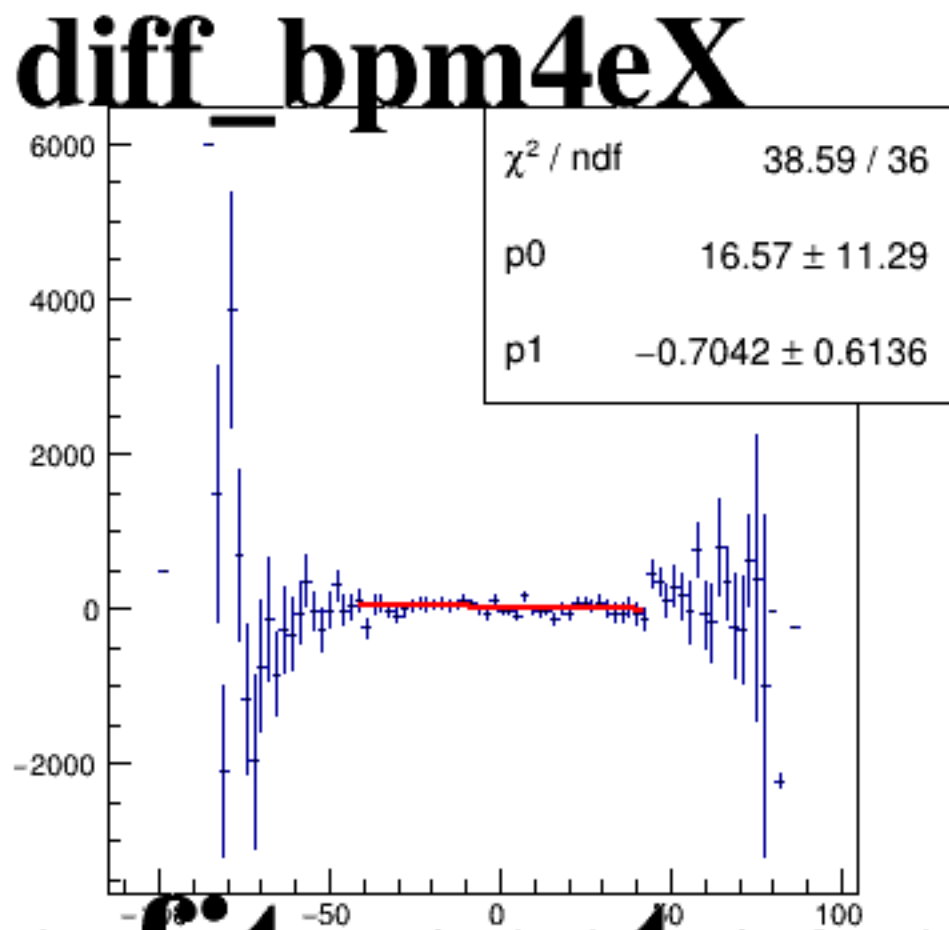
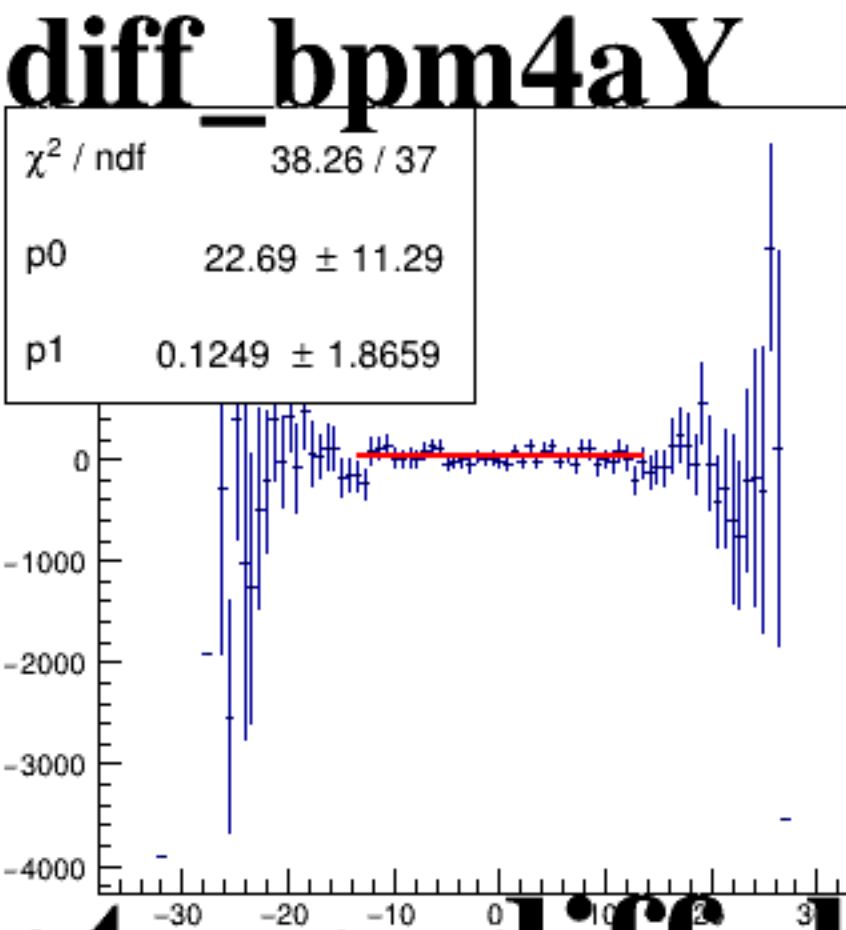
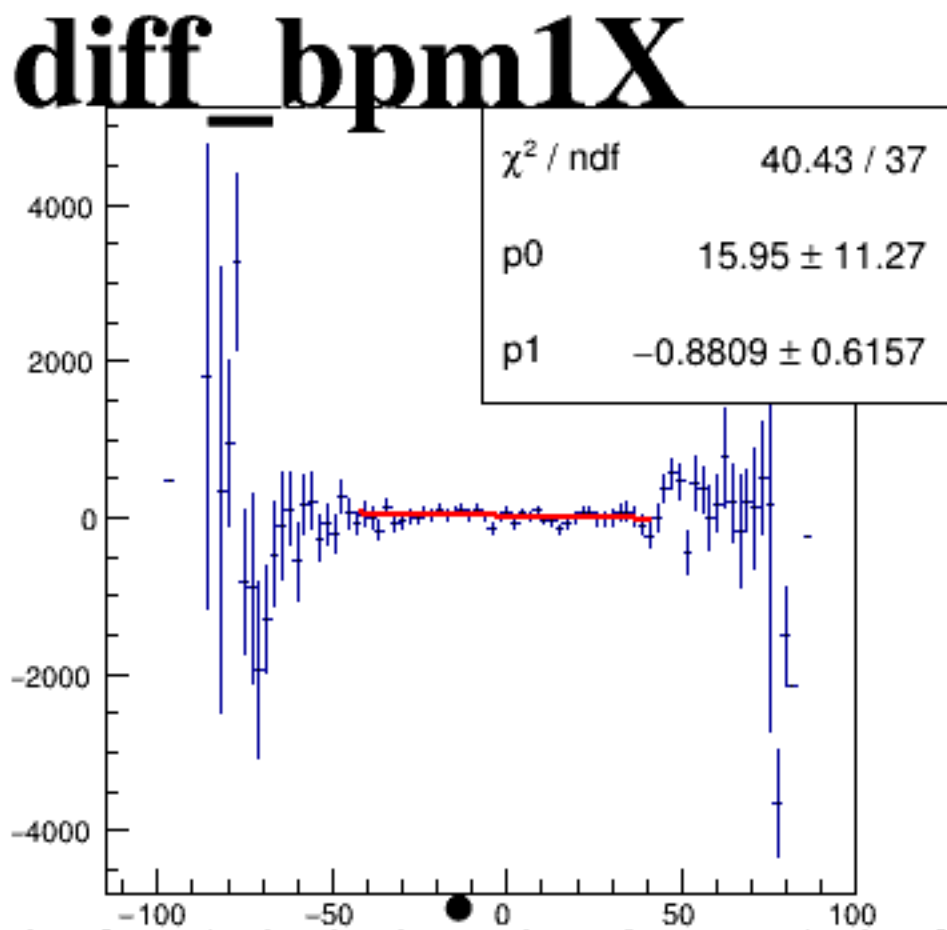
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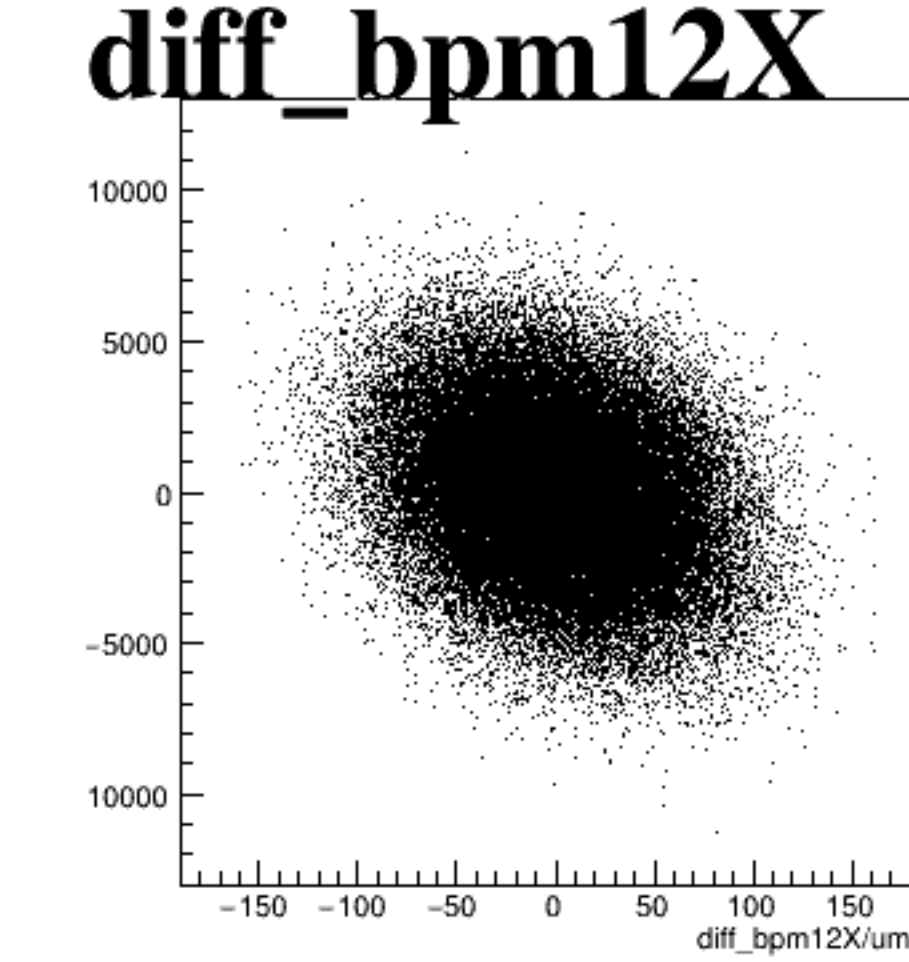
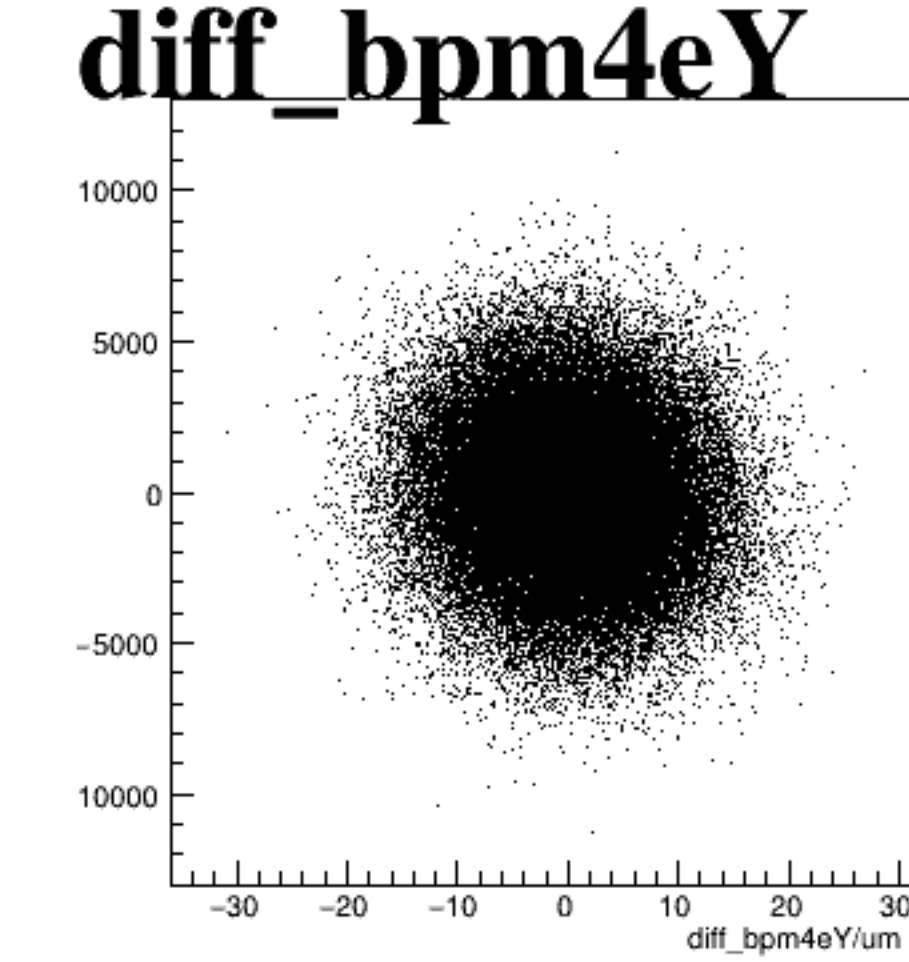
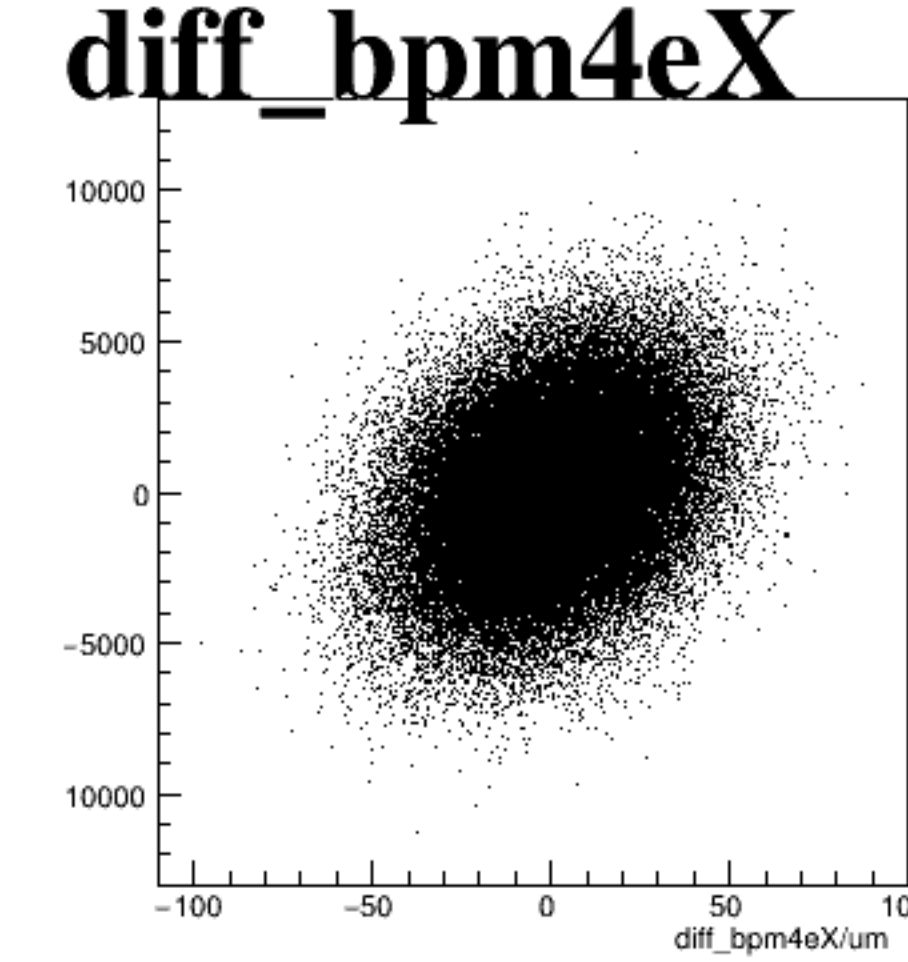
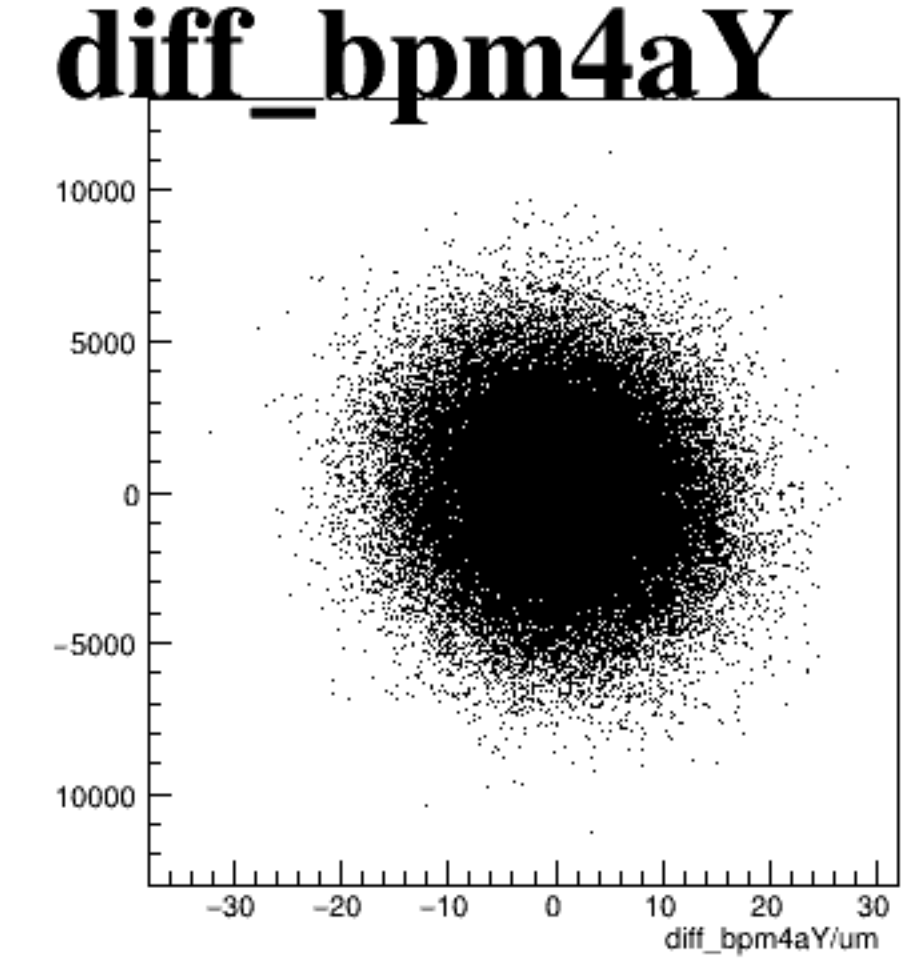
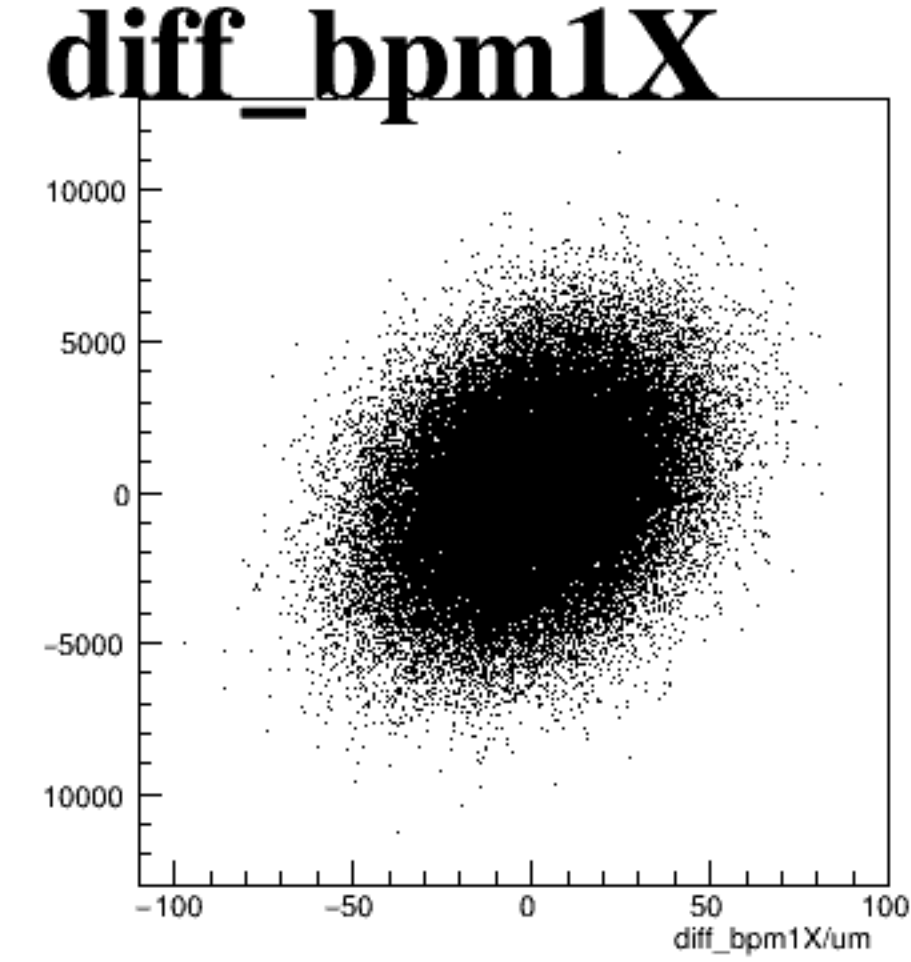
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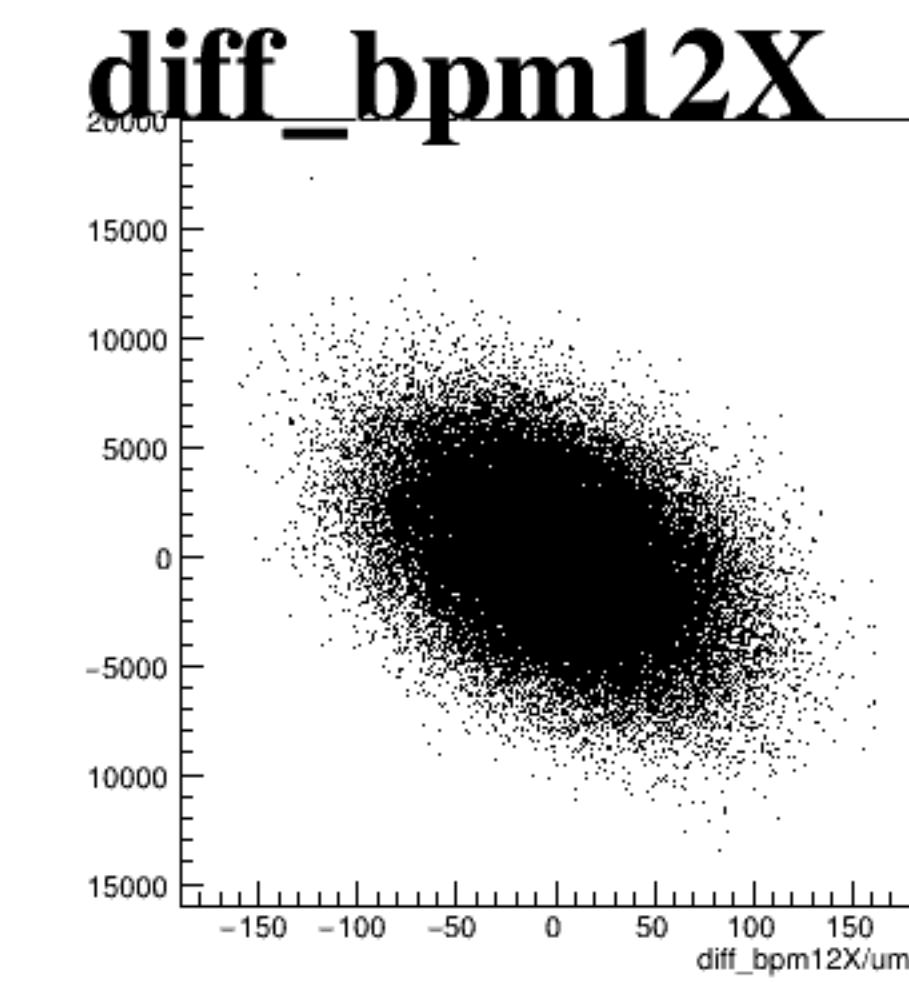
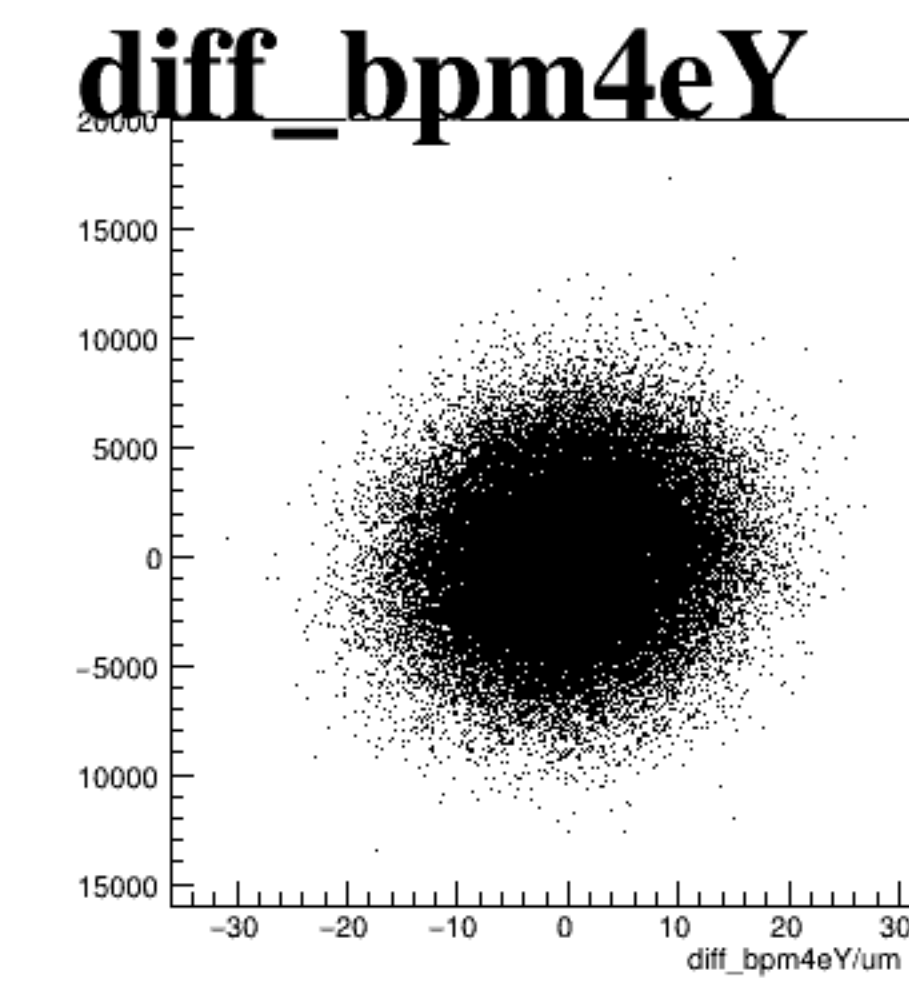
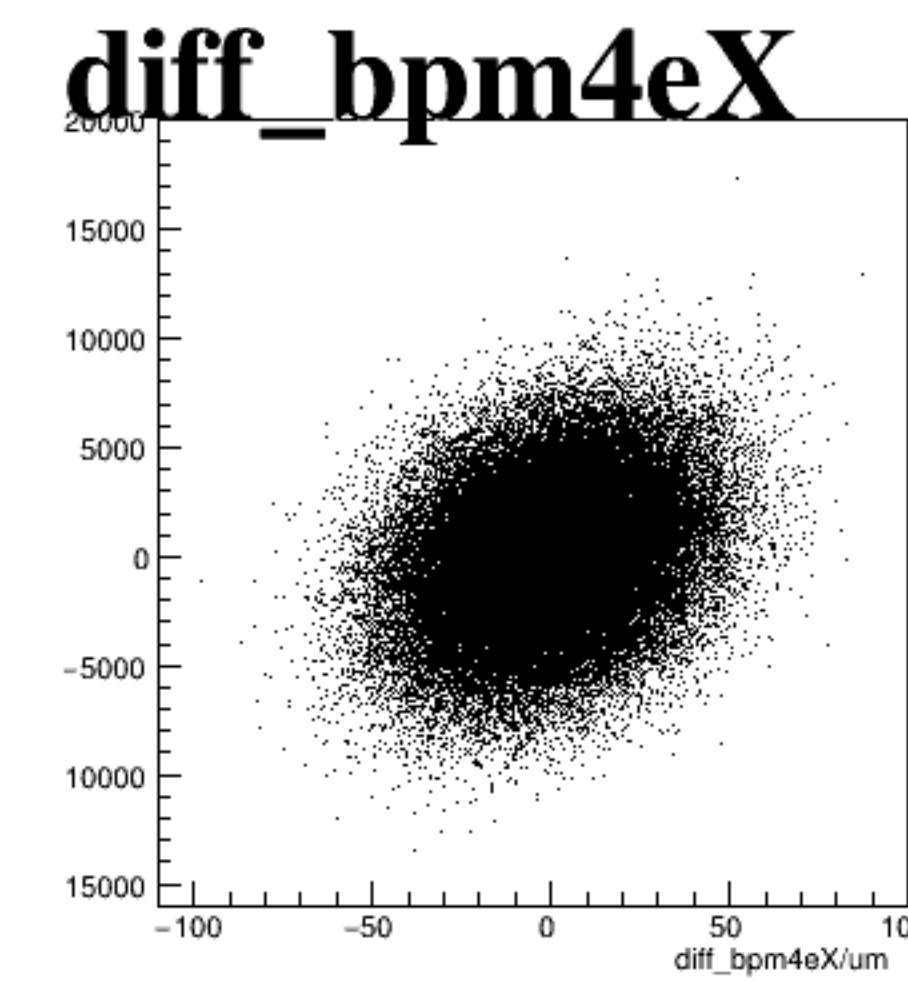
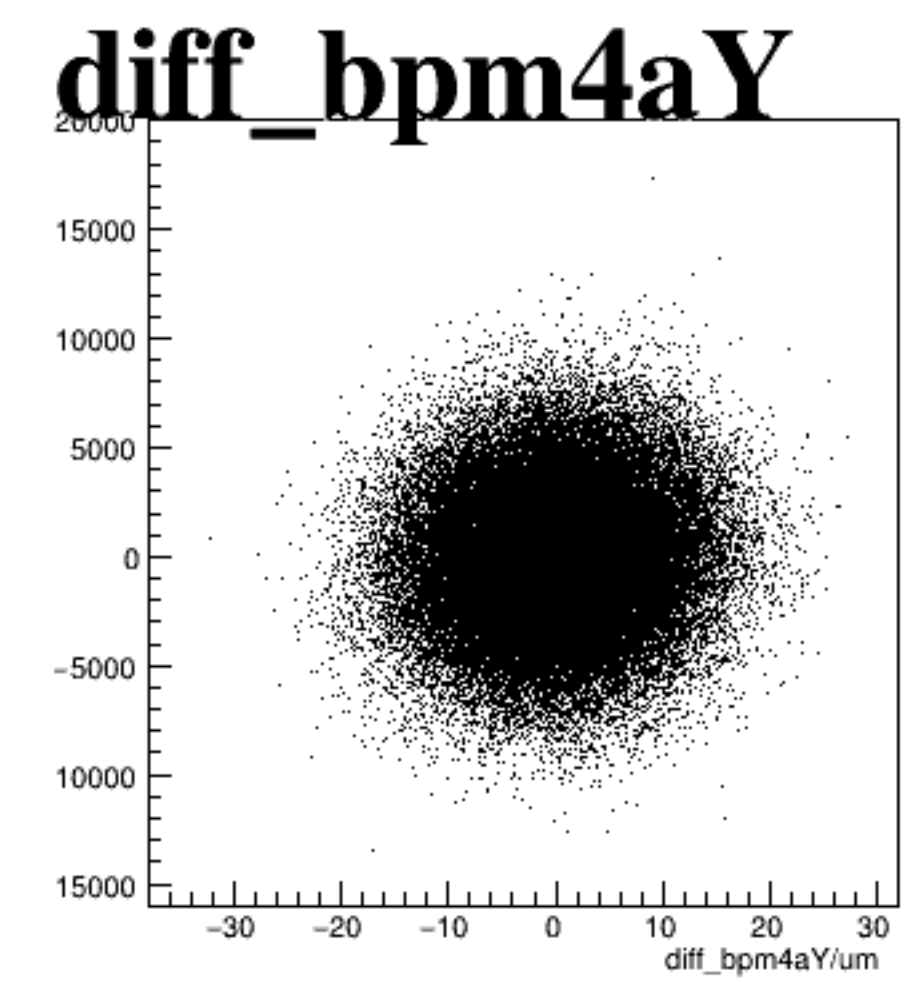
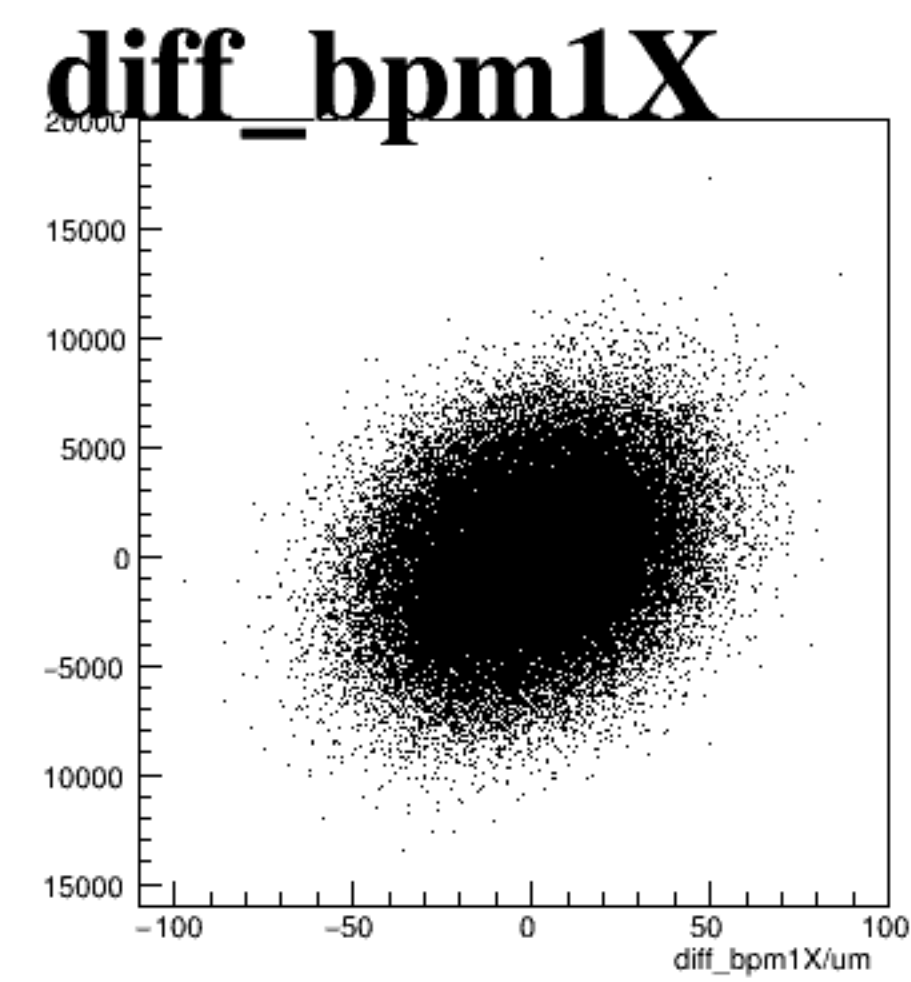
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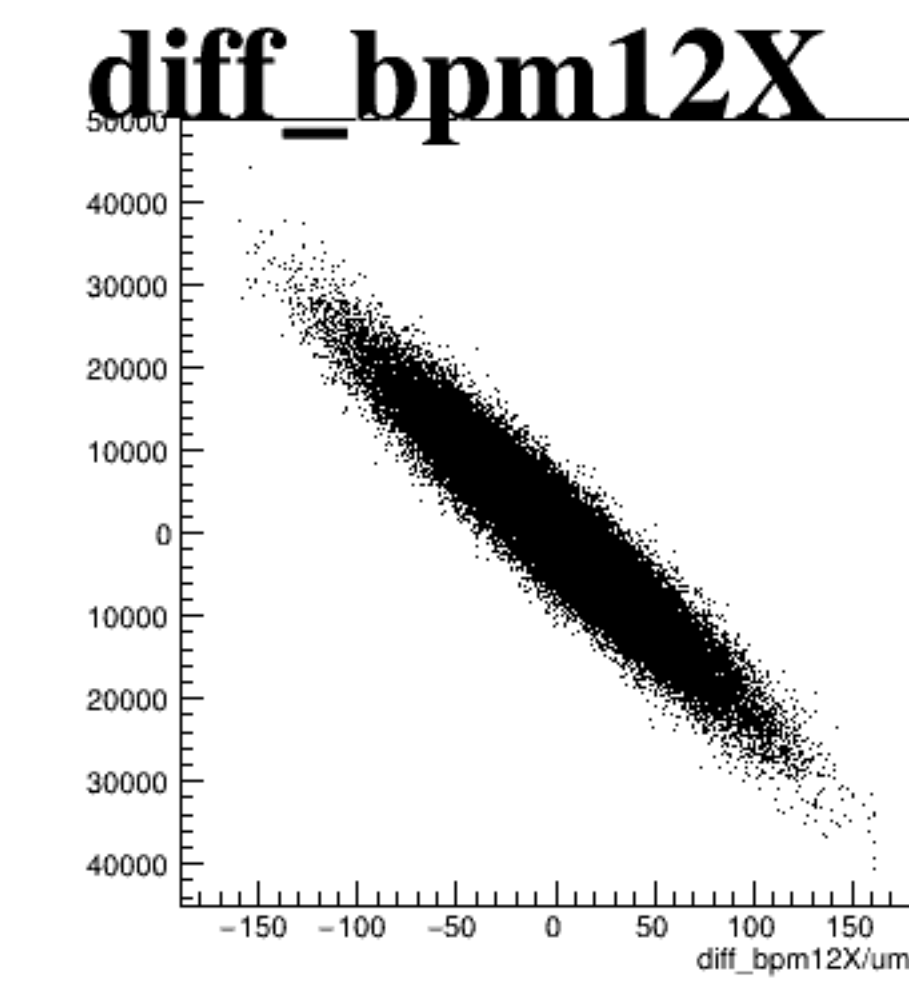
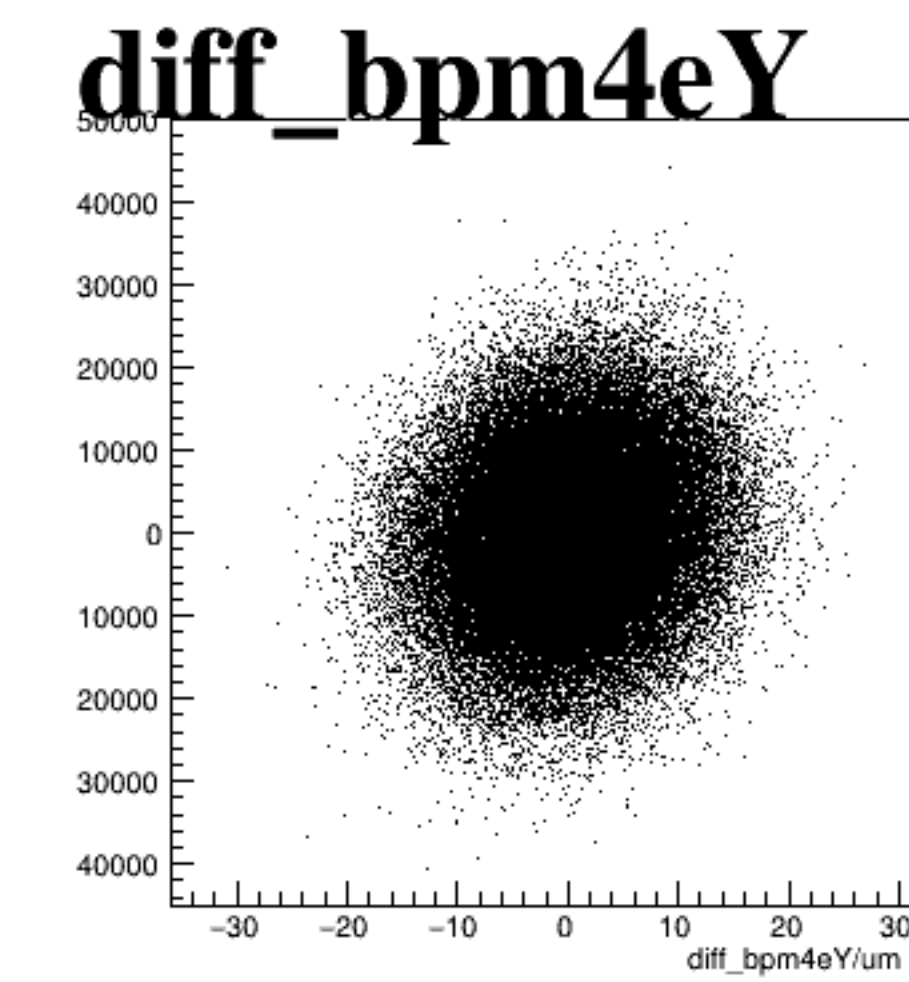
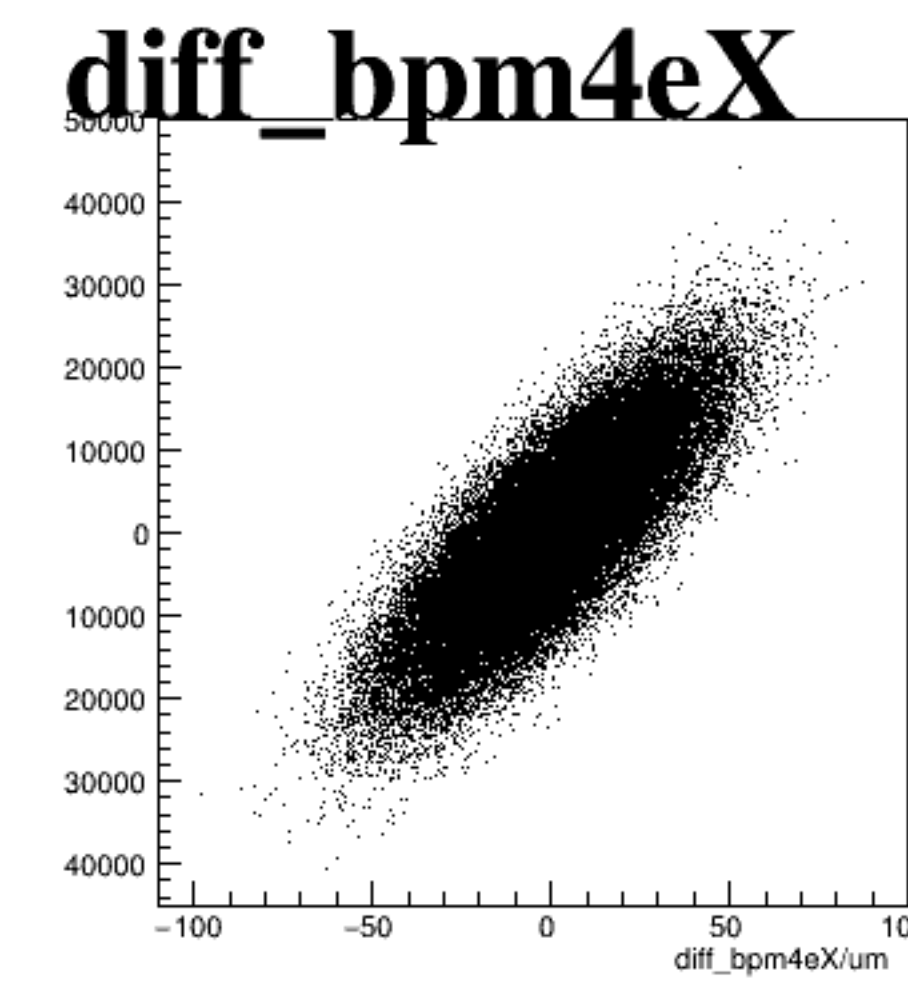
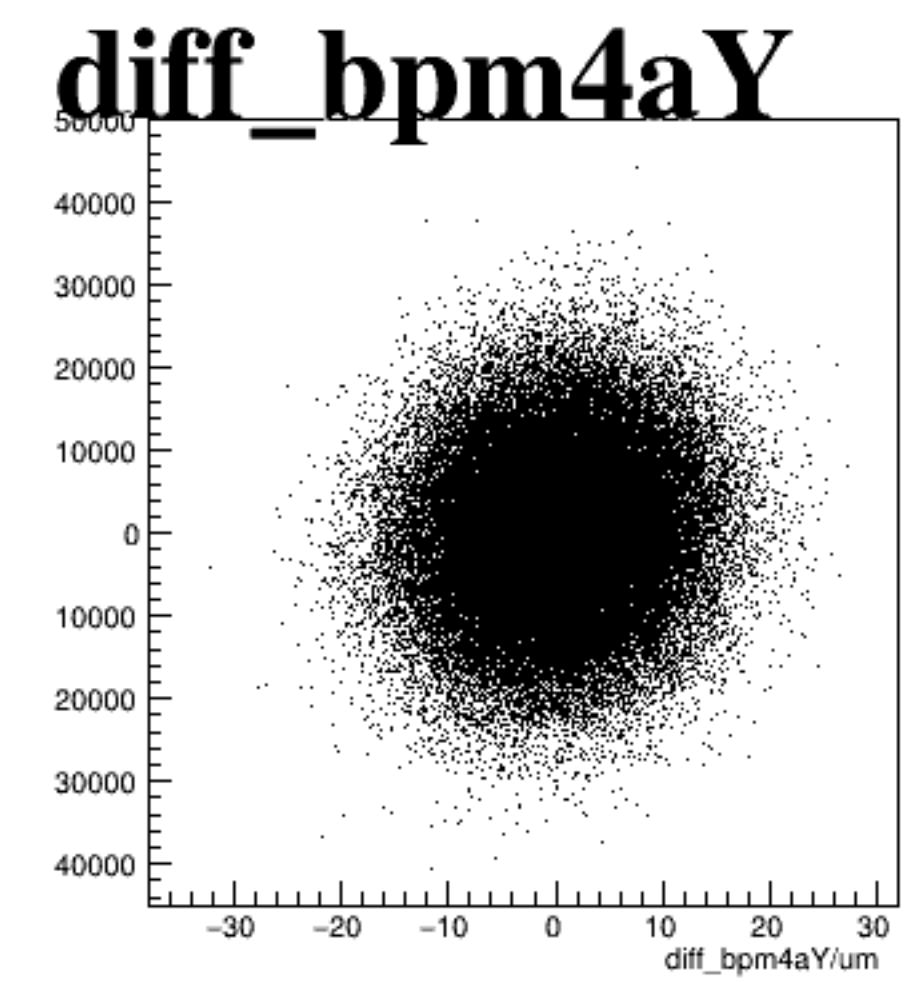
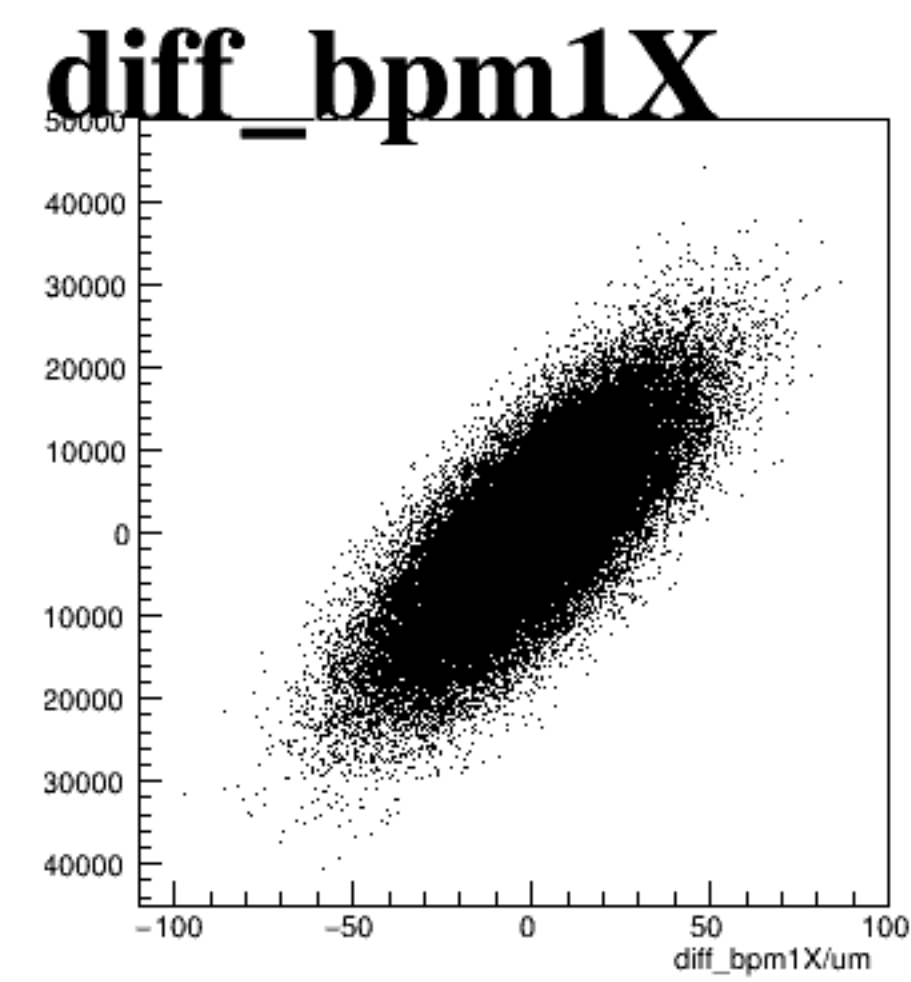
asym_atl1



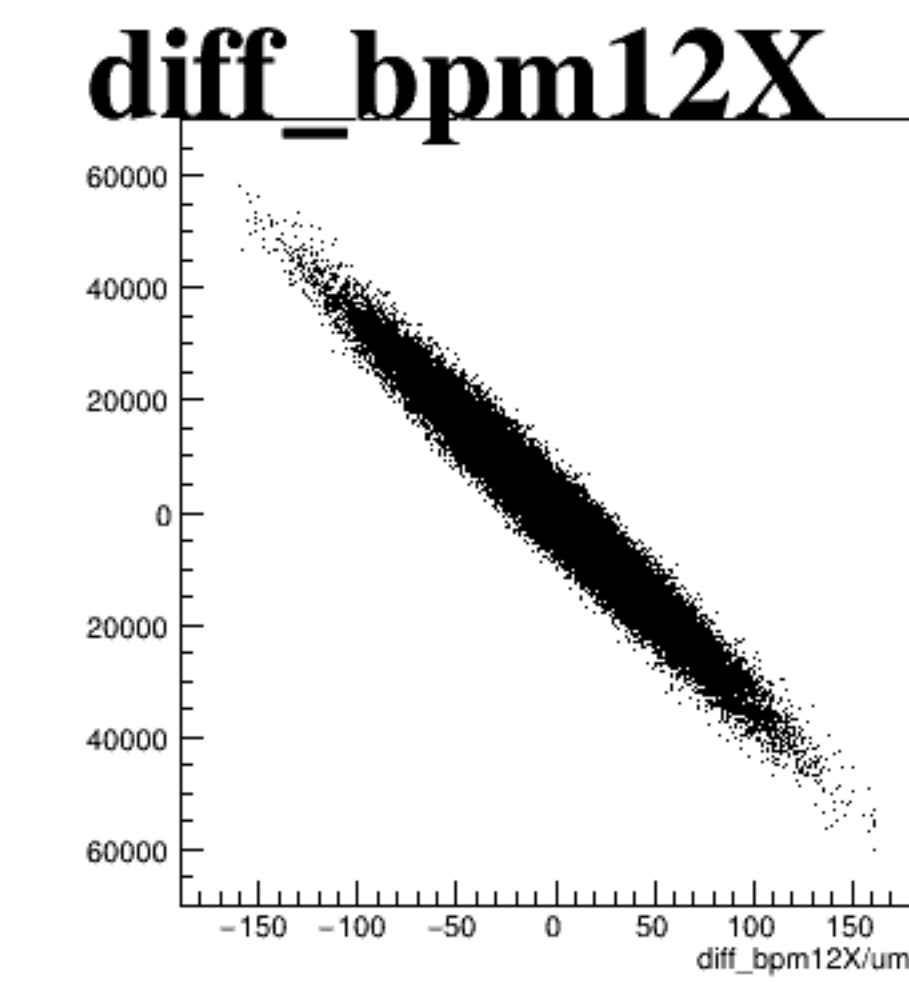
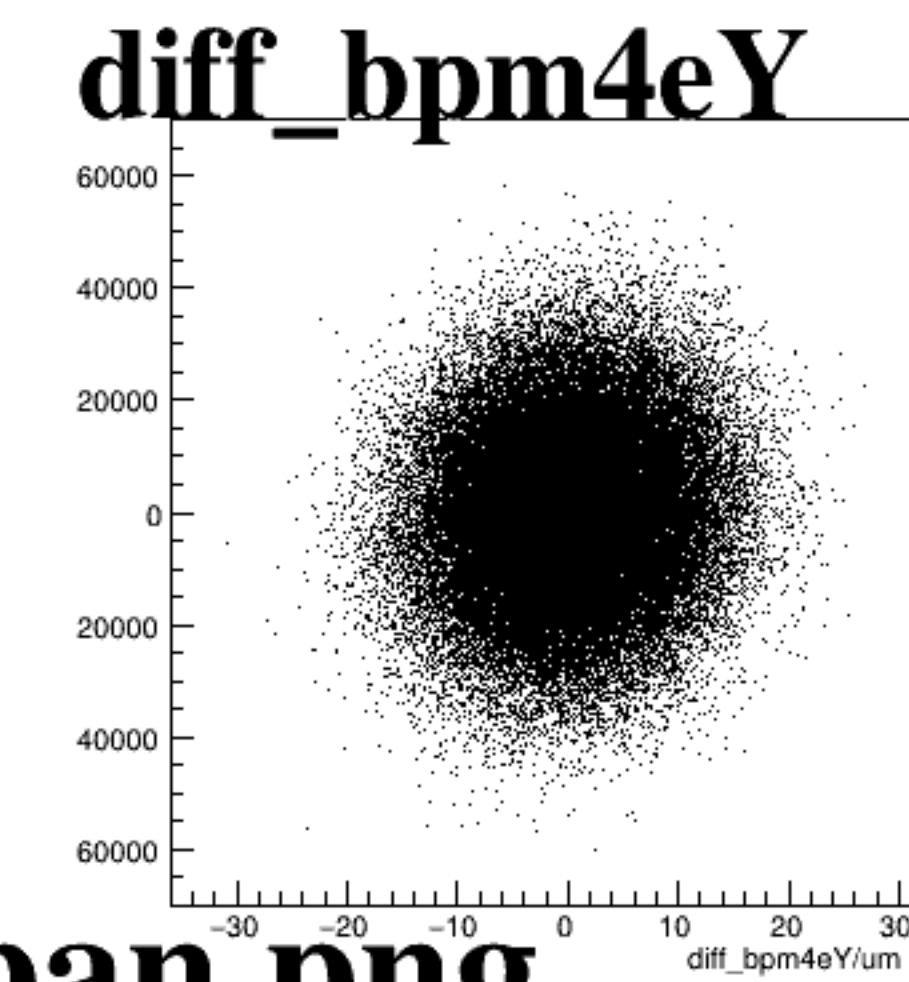
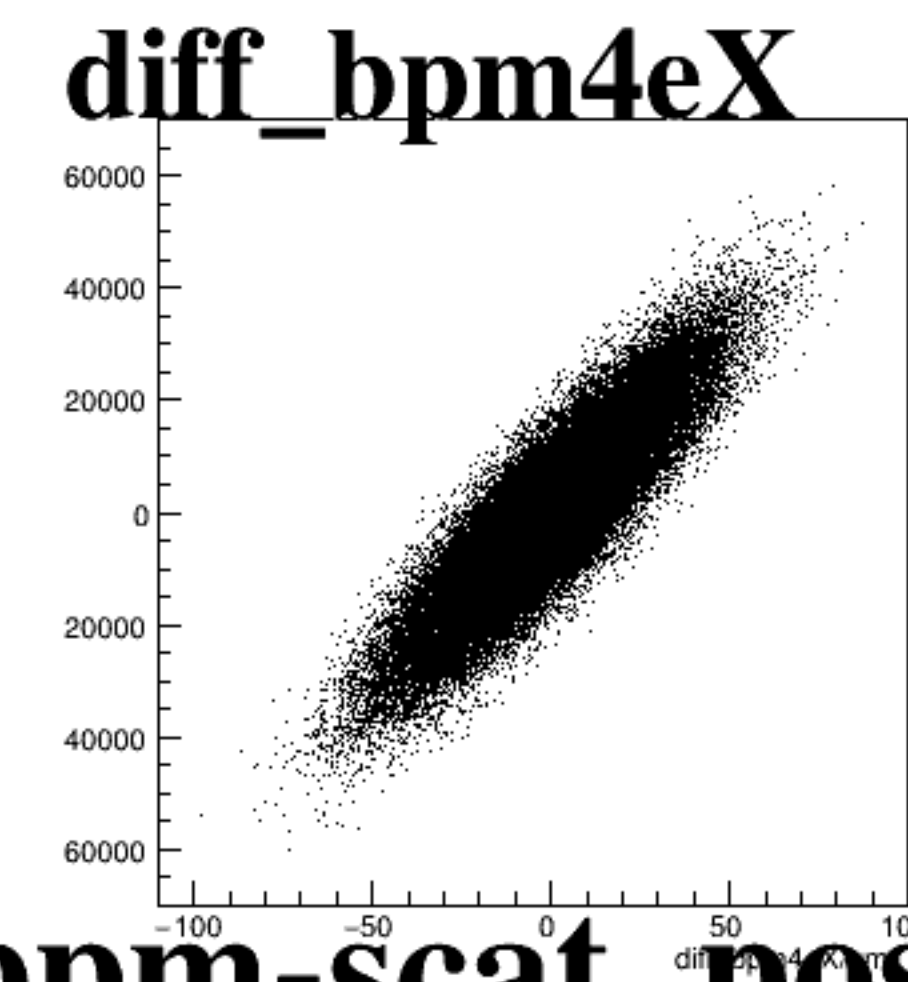
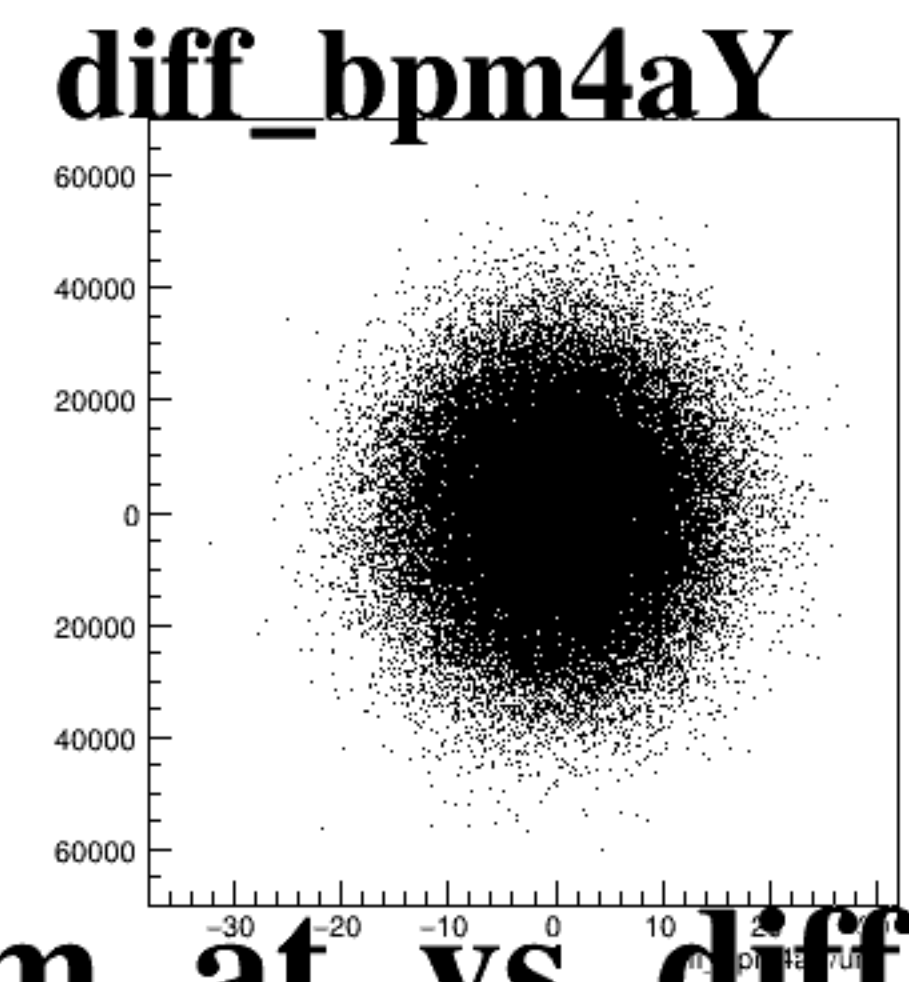
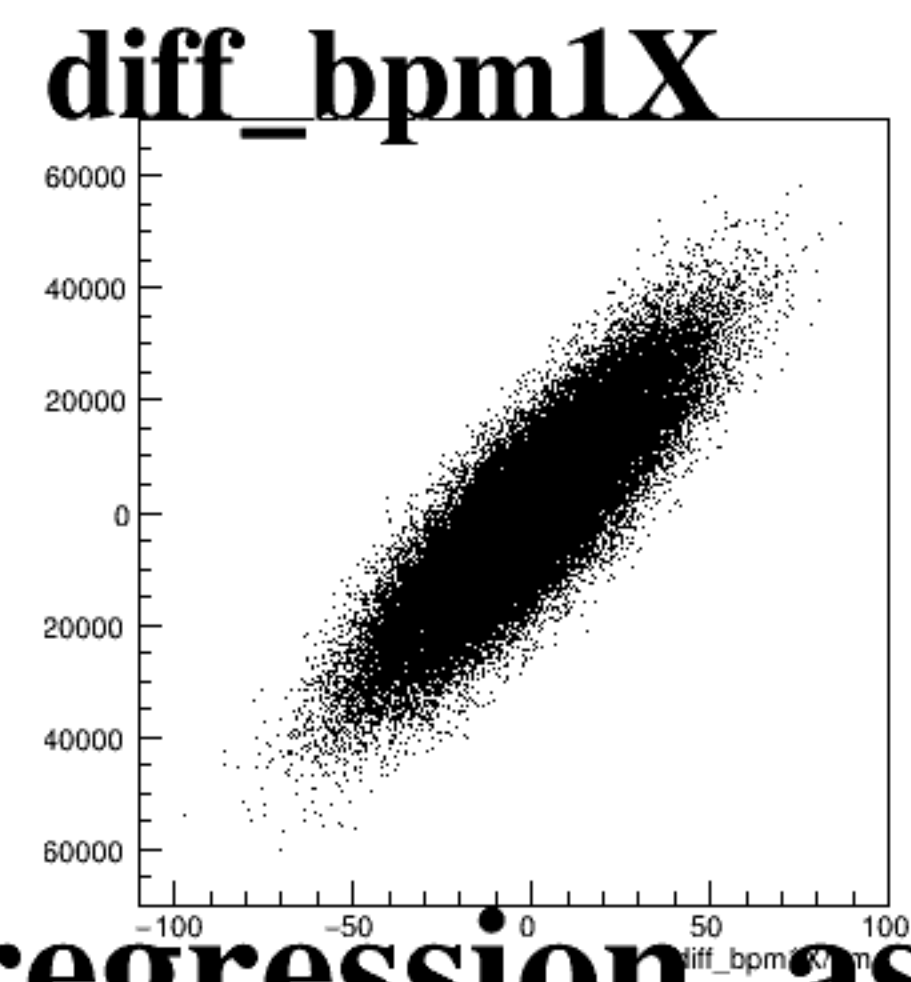
asym_atr1



asym_atl2



asym_atr2



The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences between two beam position monitors (BPMs). 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 ranges from -10000 to 10000.
- diff_bpm4aY**: The x-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -30 to 30. The y-axis ranges from -10000 to 10000.
- diff_bpm4eX**: The x-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -100 to 100. The y-axis ranges from -10000 to 10000.
- diff_bpm4eY**: The x-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -30 to 30. The y-axis ranges from -10000 to 10000.
- diff_bpm12X**: The x-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -150 to 150. The y-axis ranges from -10000 to 10000.

All plots show a dense, roughly circular cloud of points centered at the origin (0,0), indicating that the differences between the BPMs are generally small and randomly distributed.

The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam parameter (X, Y, X, Y, X) across different beam sizes (1, 4a, 4e, 4e, 12X). The plots are arranged horizontally. Each plot shows a dense cloud of points centered around zero, indicating high precision in the difference measurements. The x-axis for each plot is labeled 'diff_bpm[parameter]/um' and the y-axis is labeled 'diff_bpm[parameter]/um'. The axes are scaled from -100 to 100 for the first three plots and from -30 to 30 for the last two plots. The y-axis for all plots ranges from -10000 to 10000.