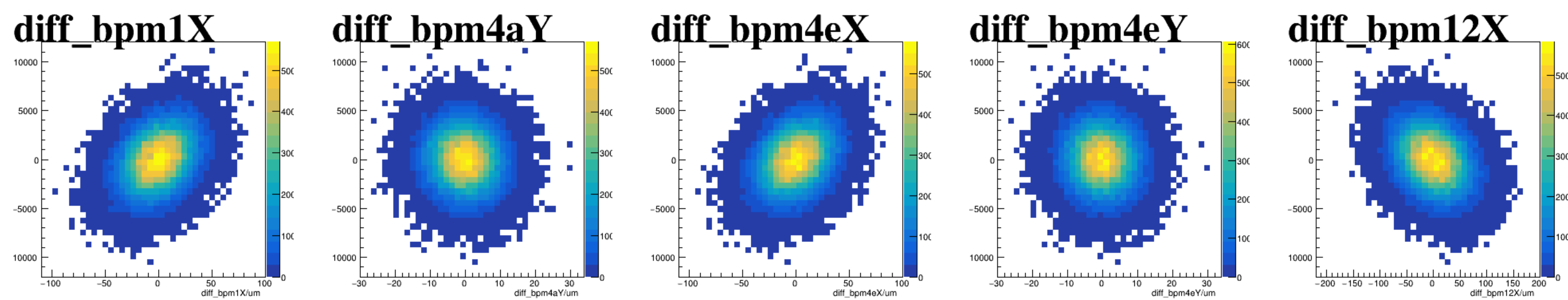
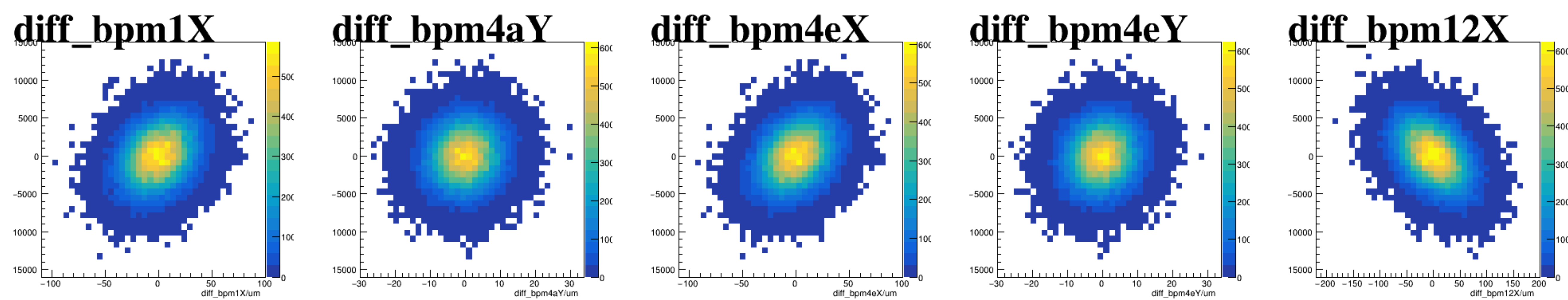


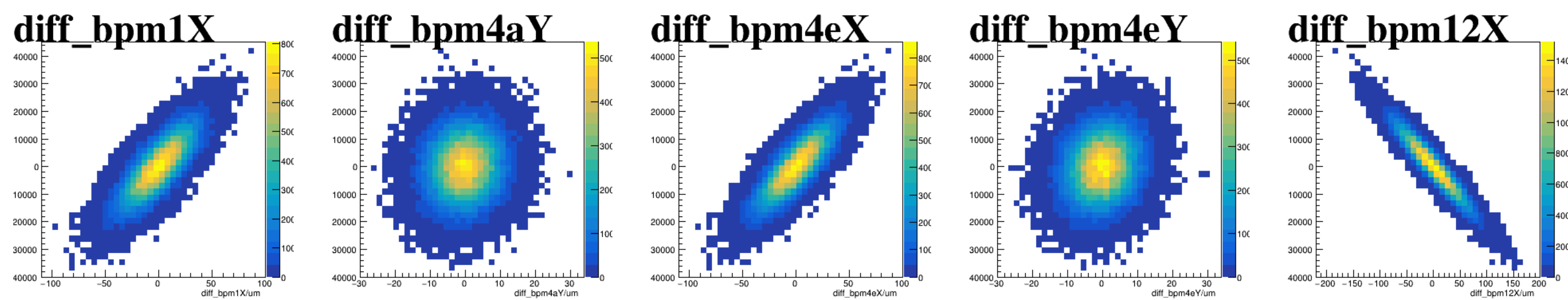
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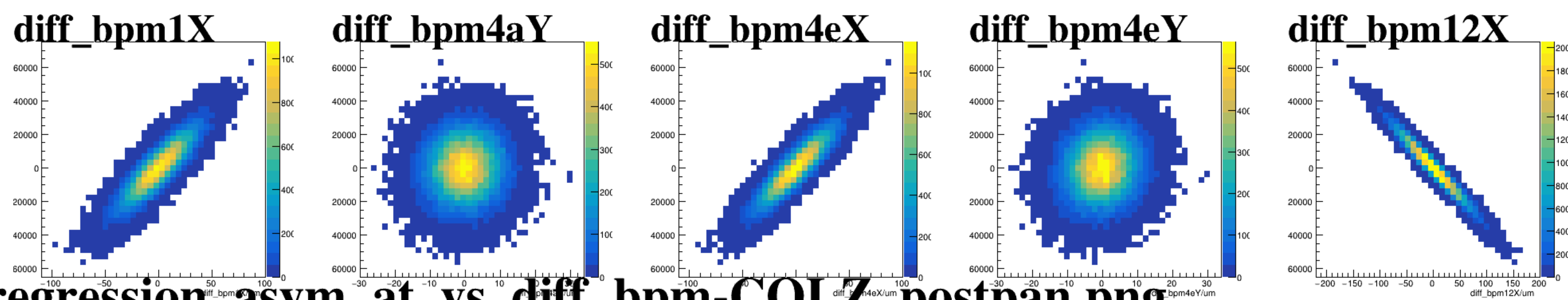
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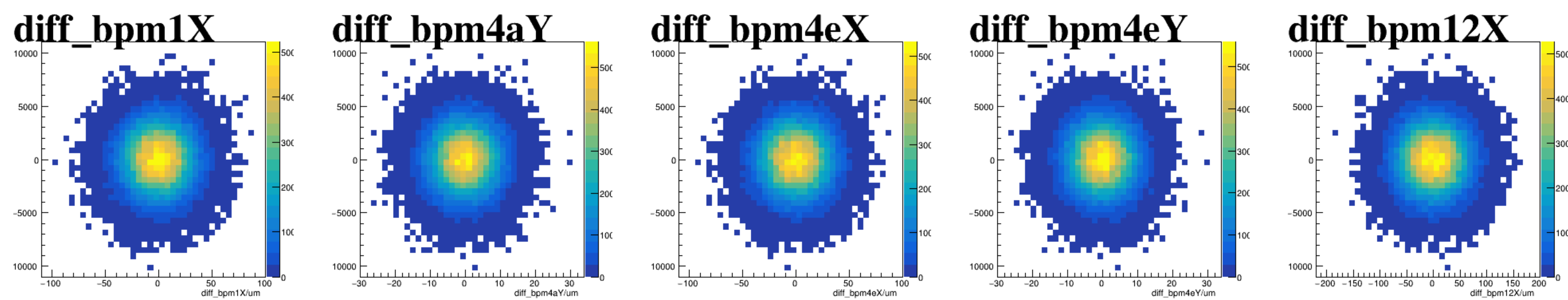
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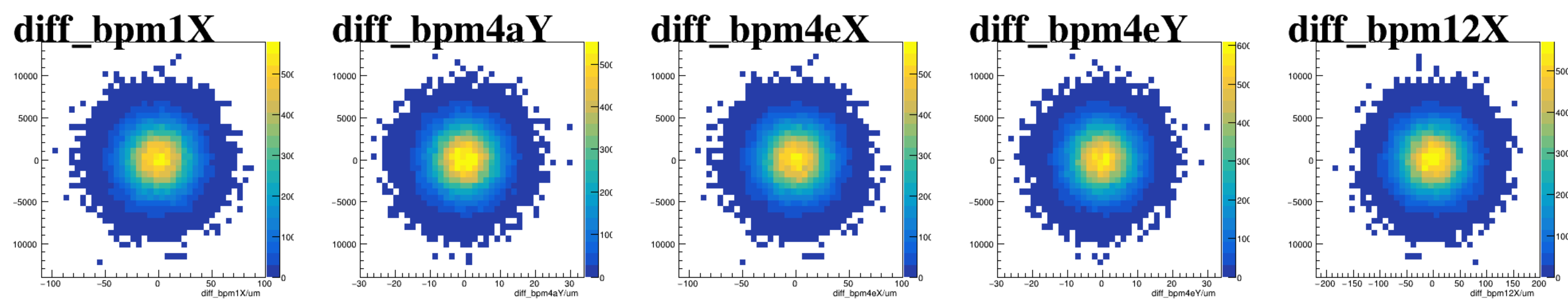
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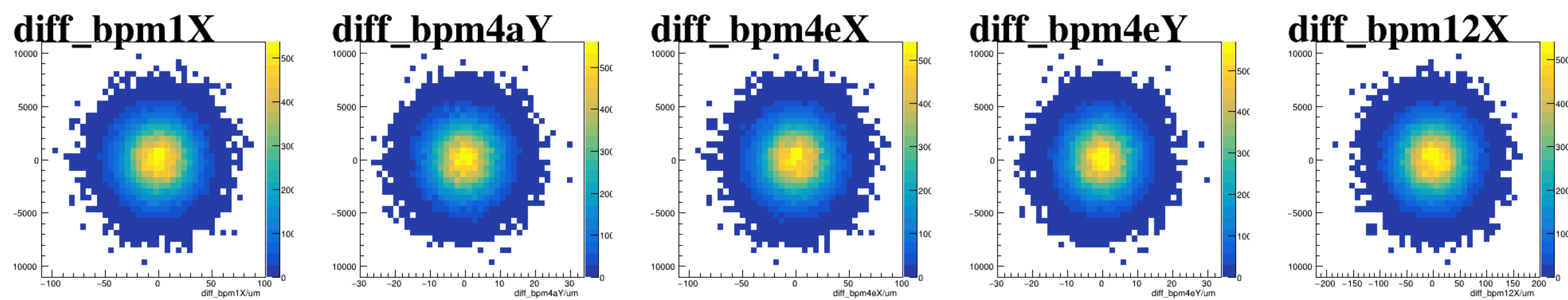
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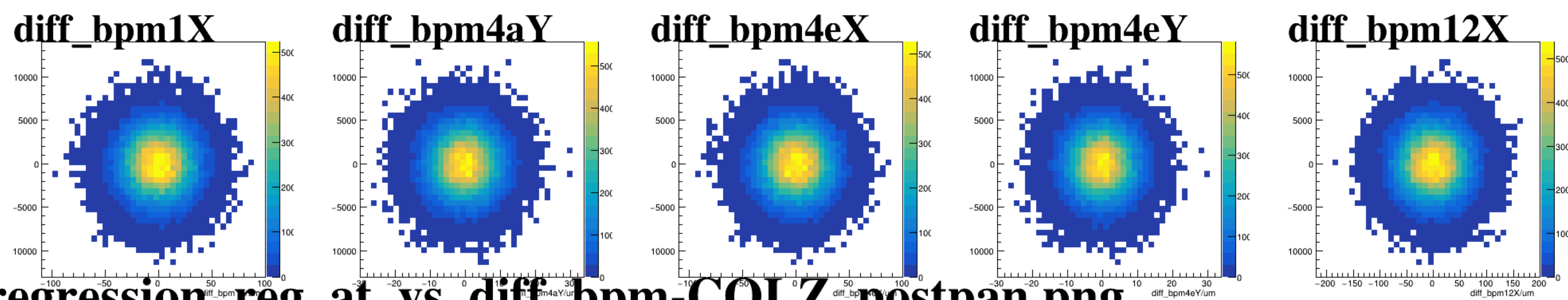
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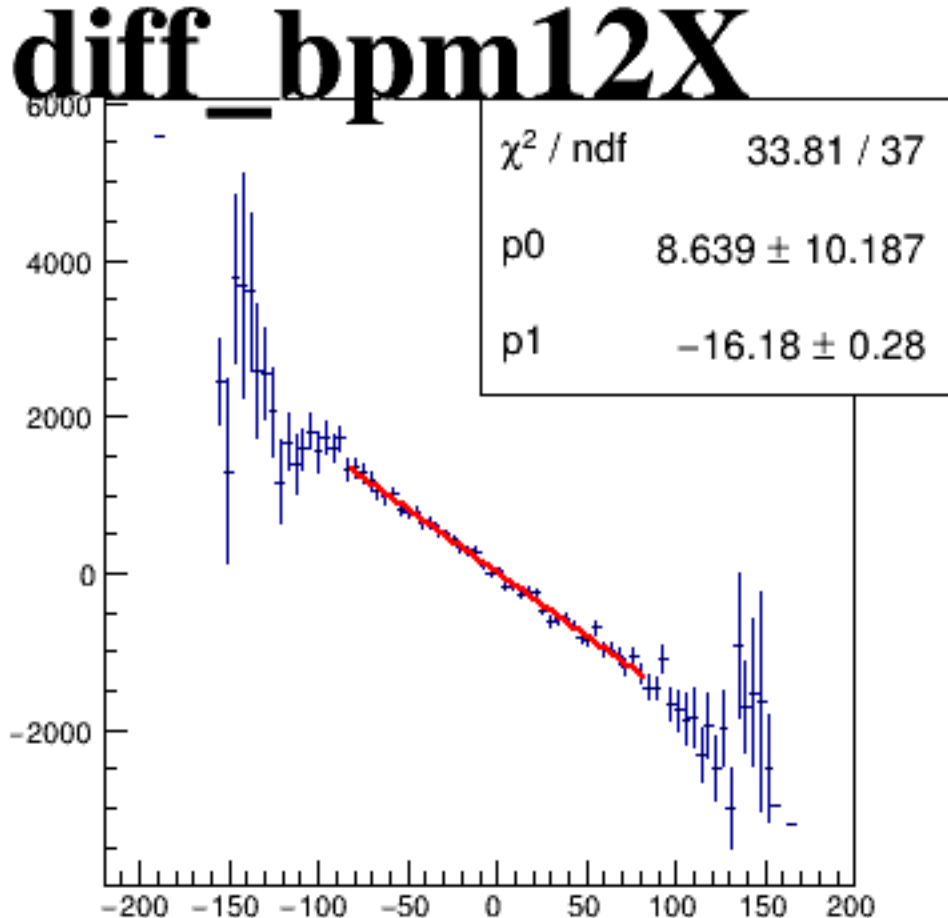
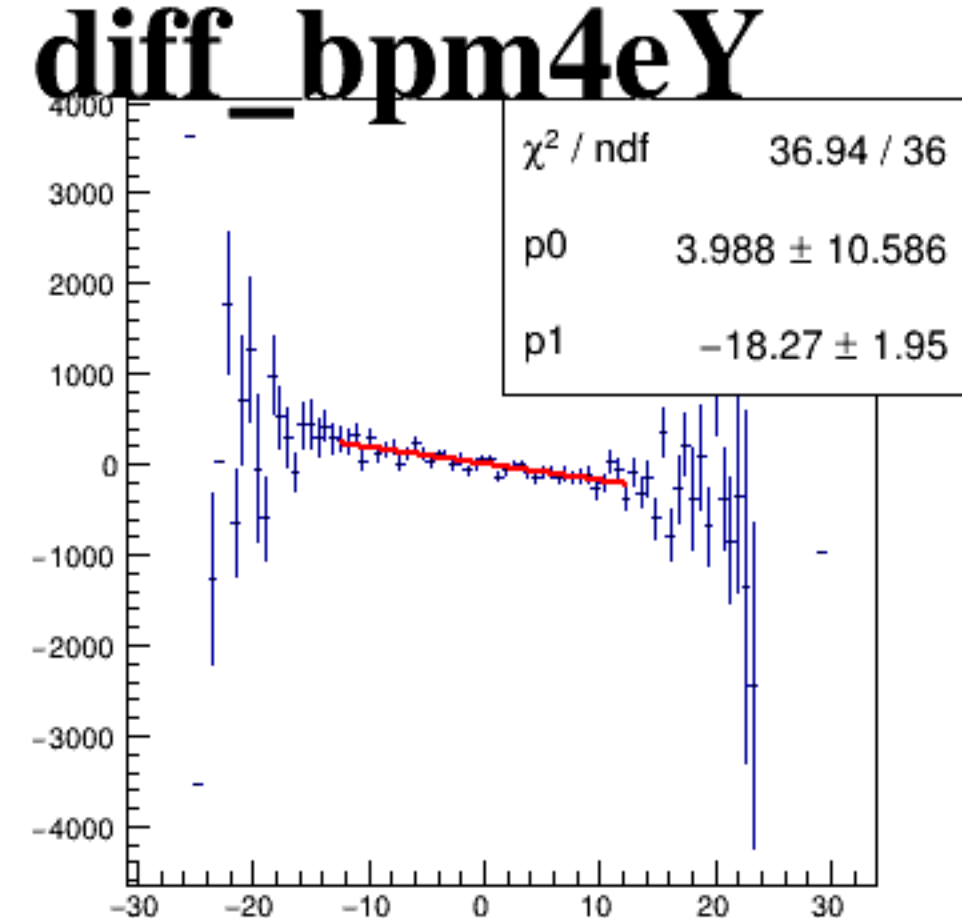
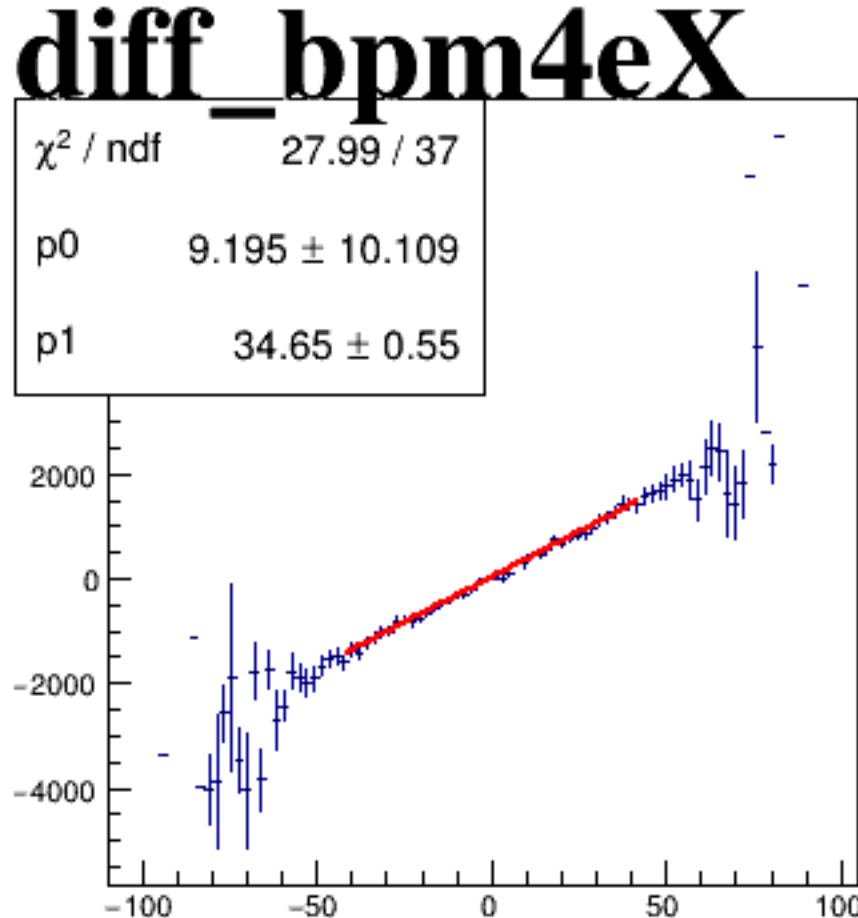
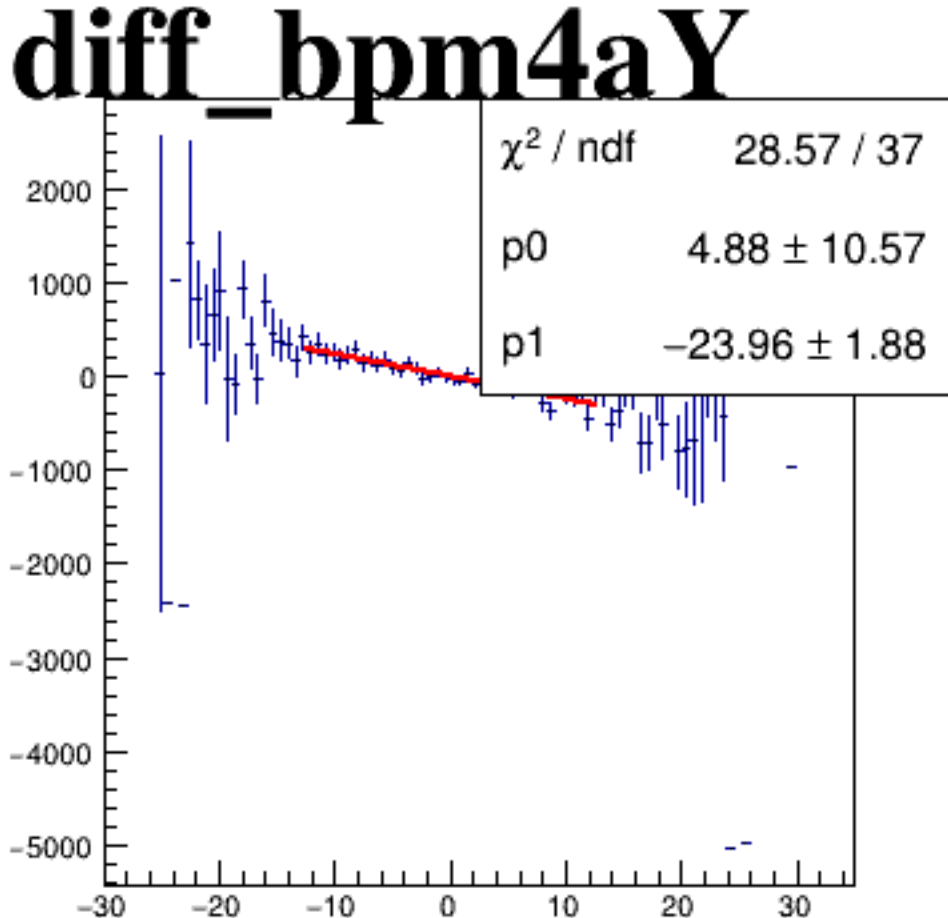
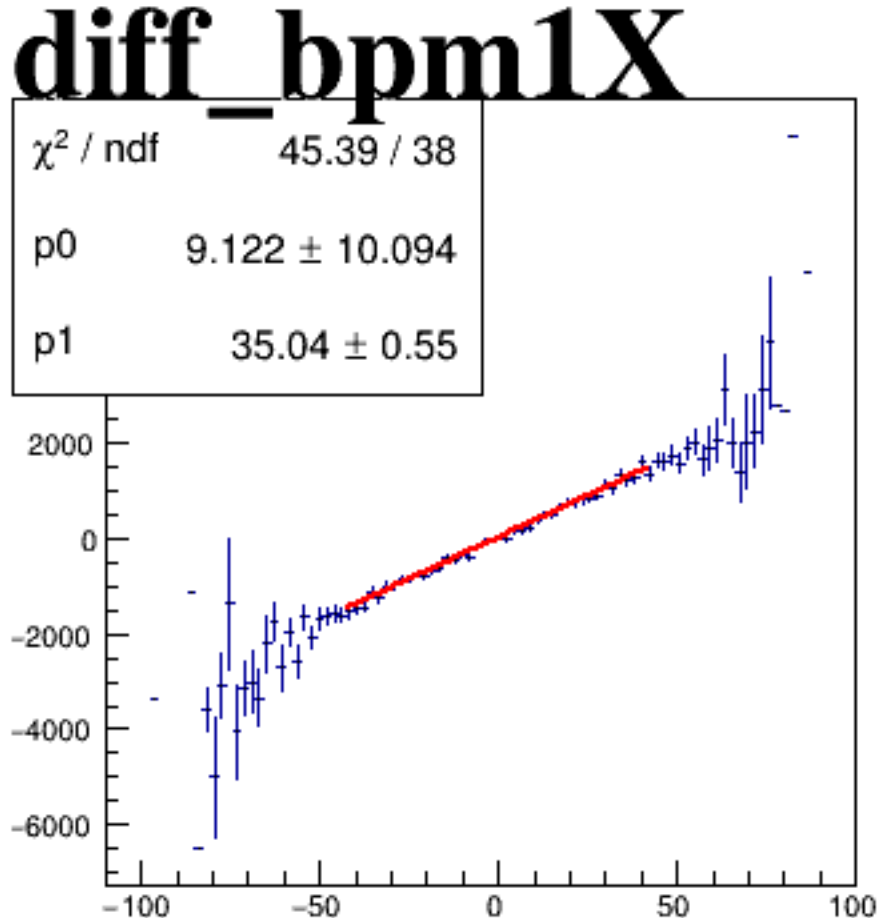
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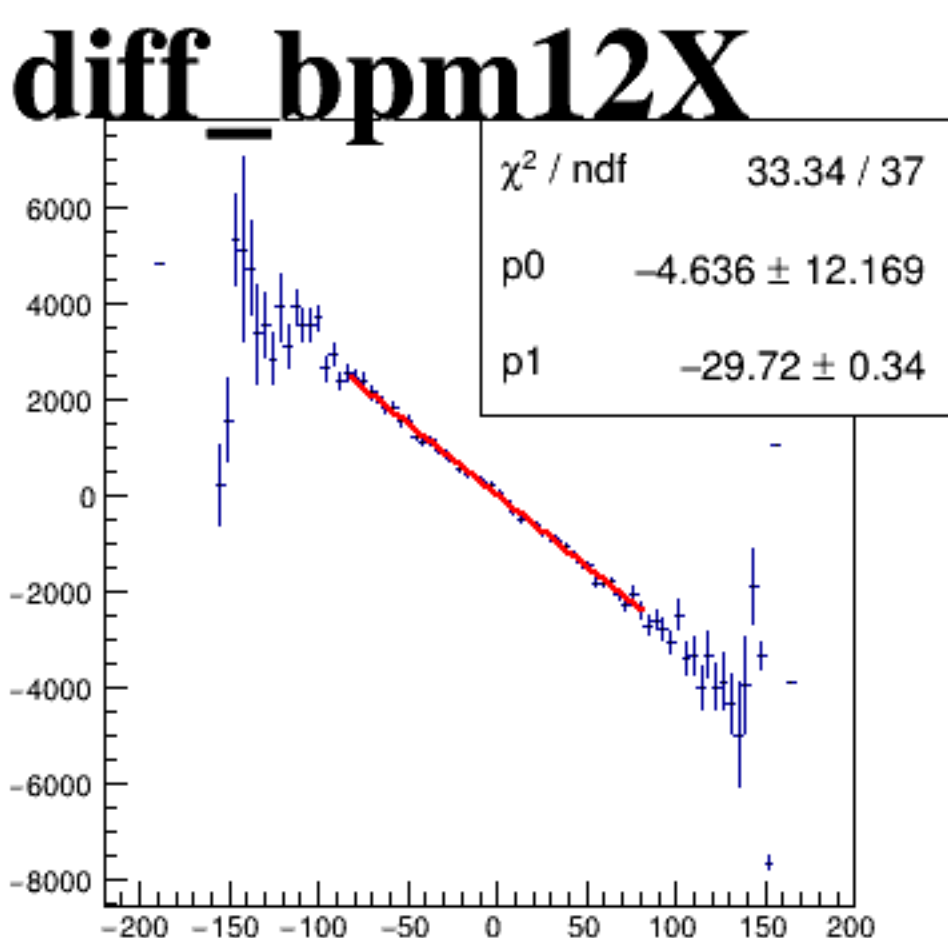
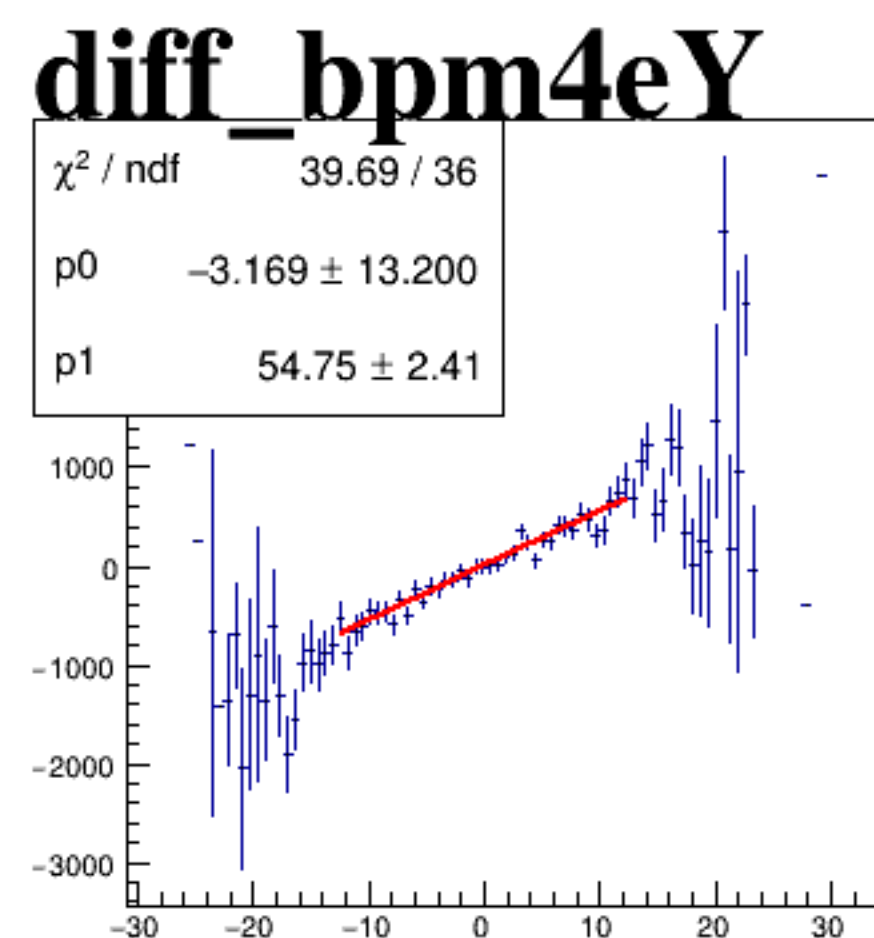
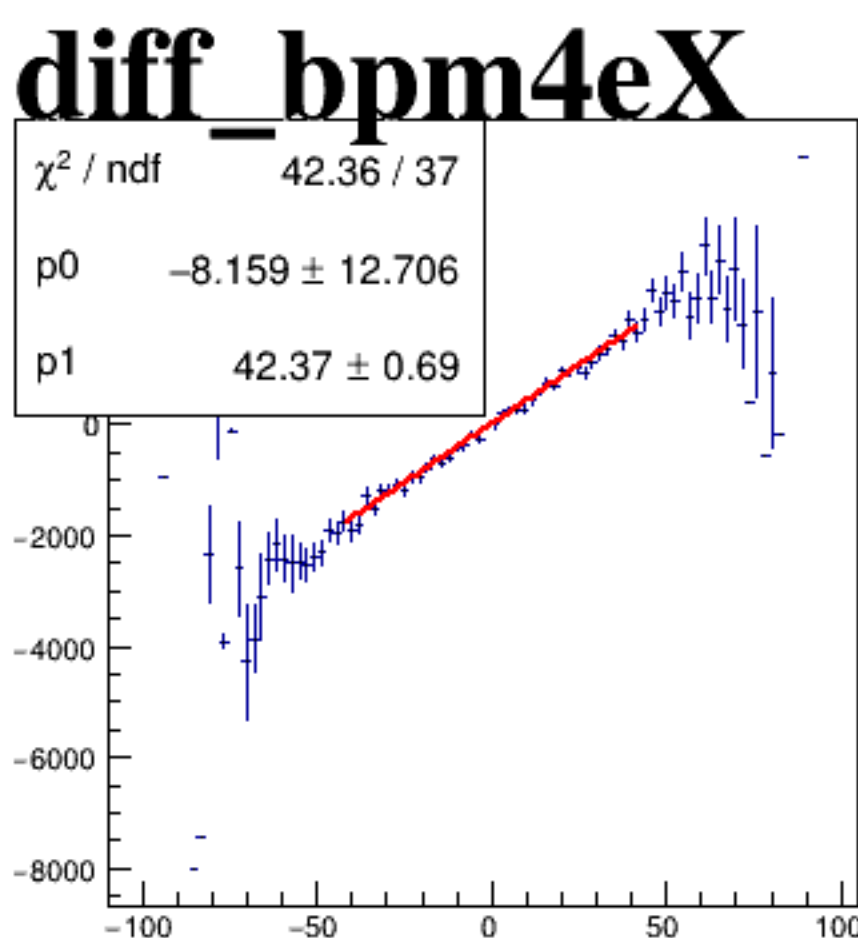
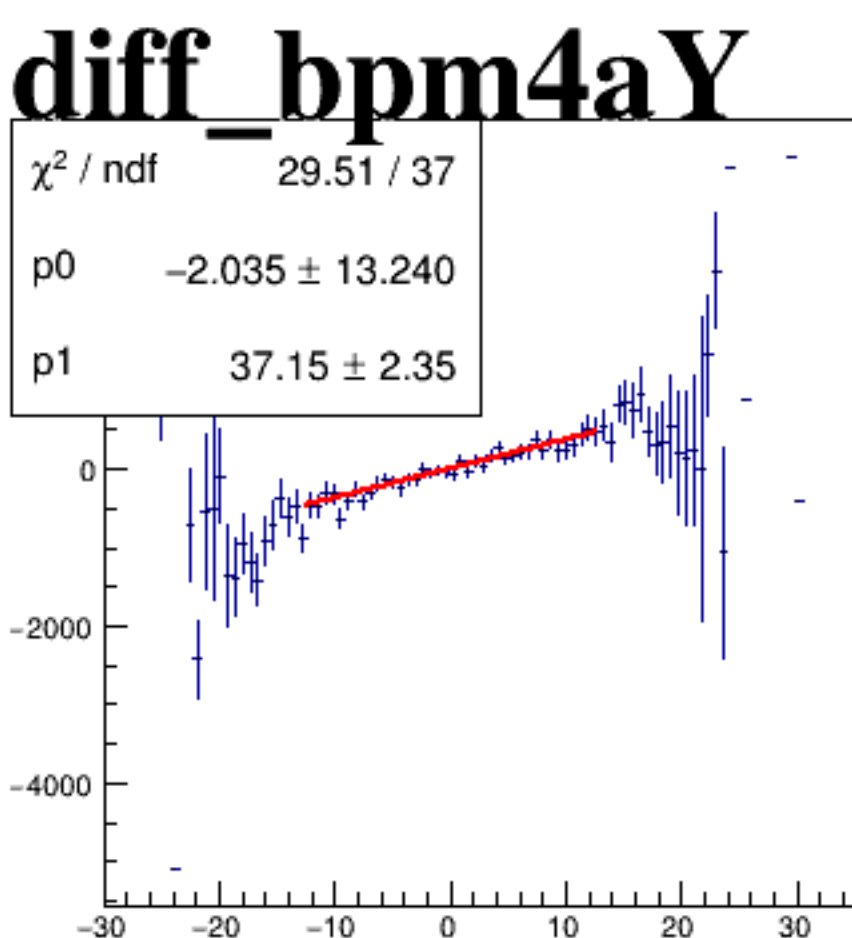
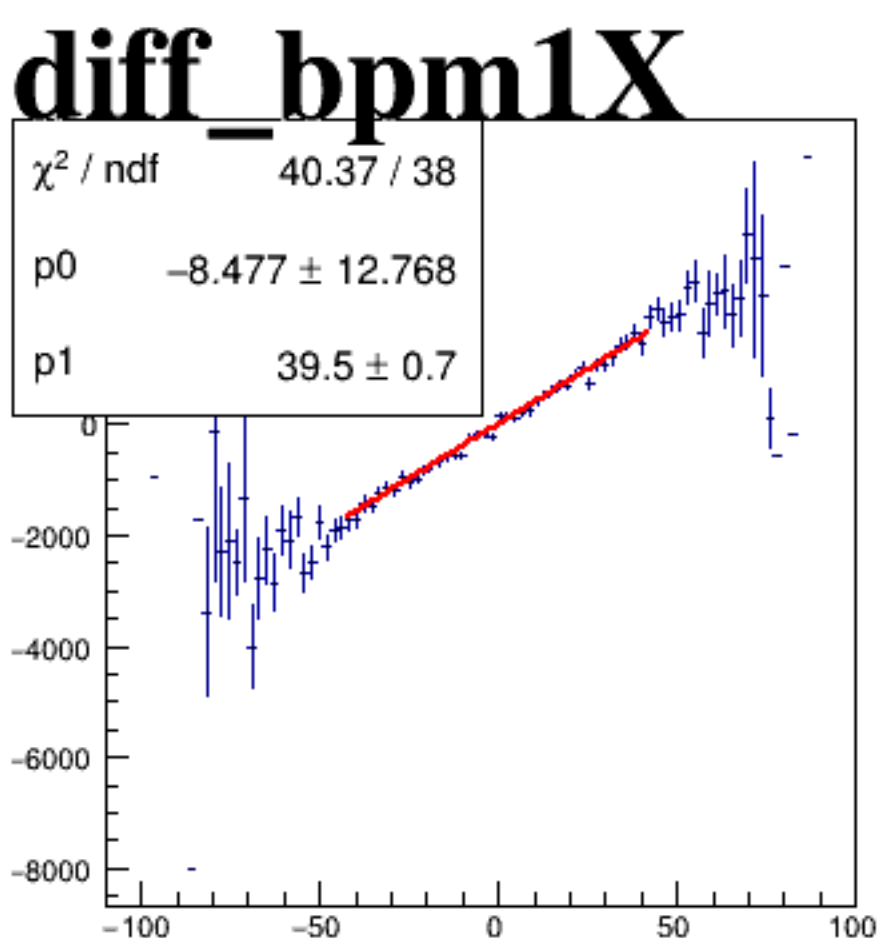
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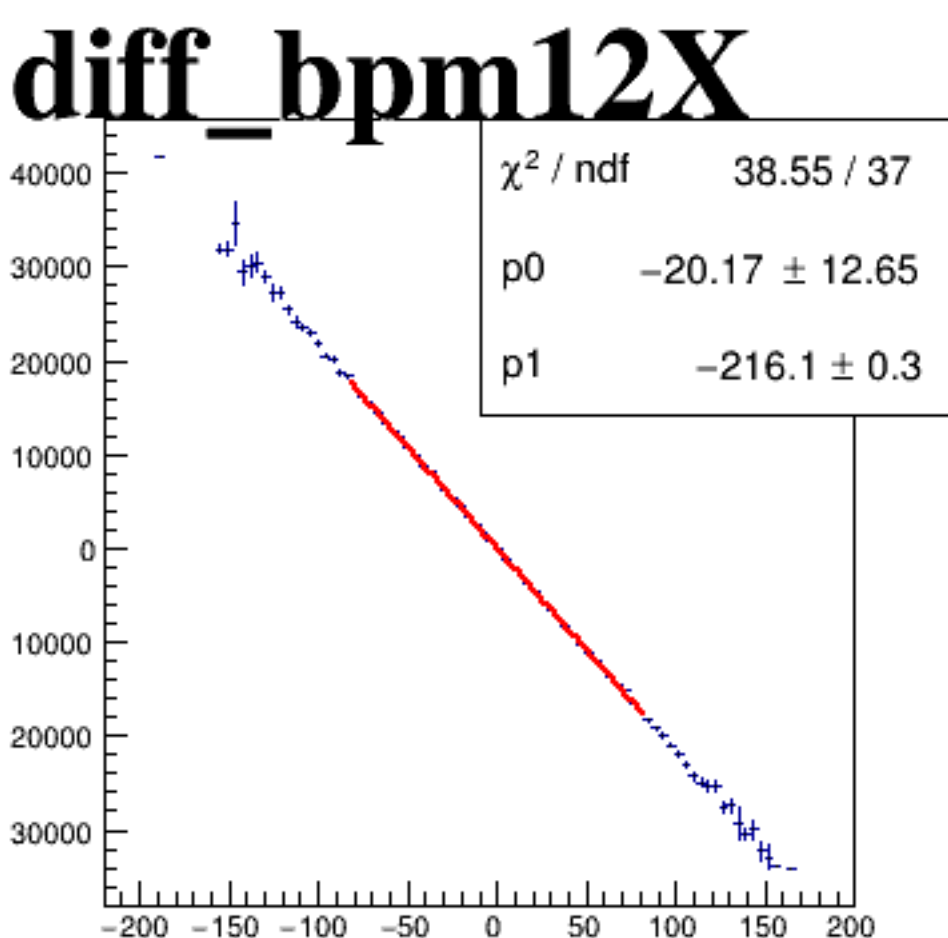
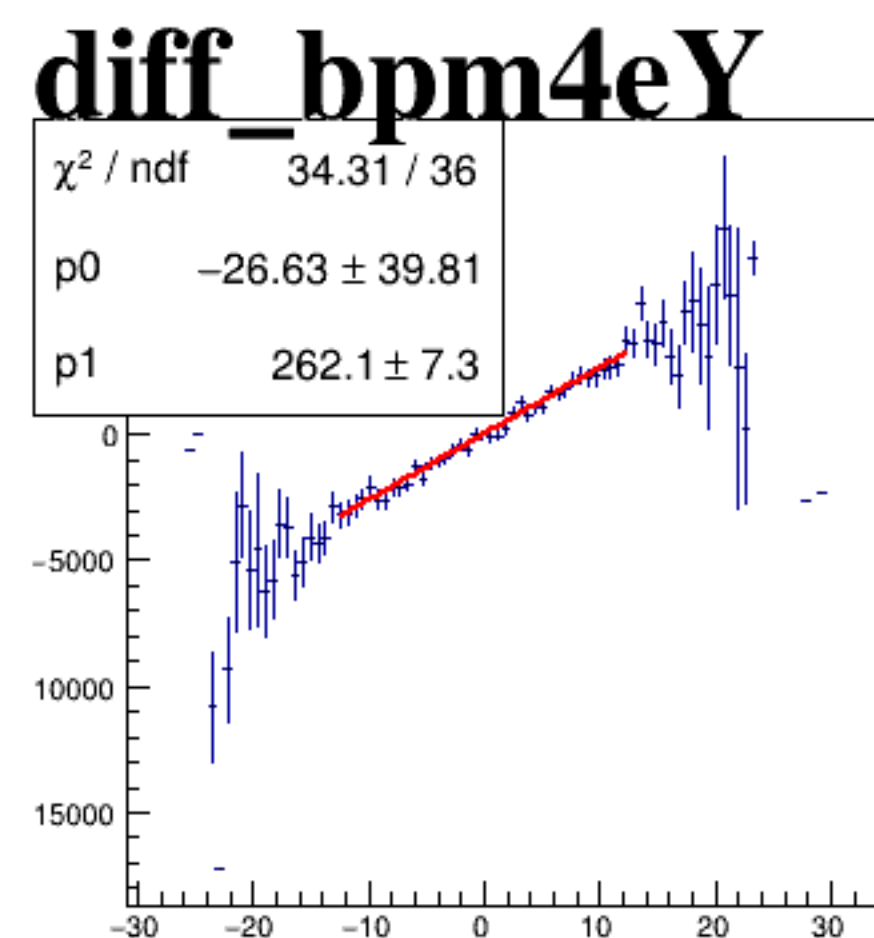
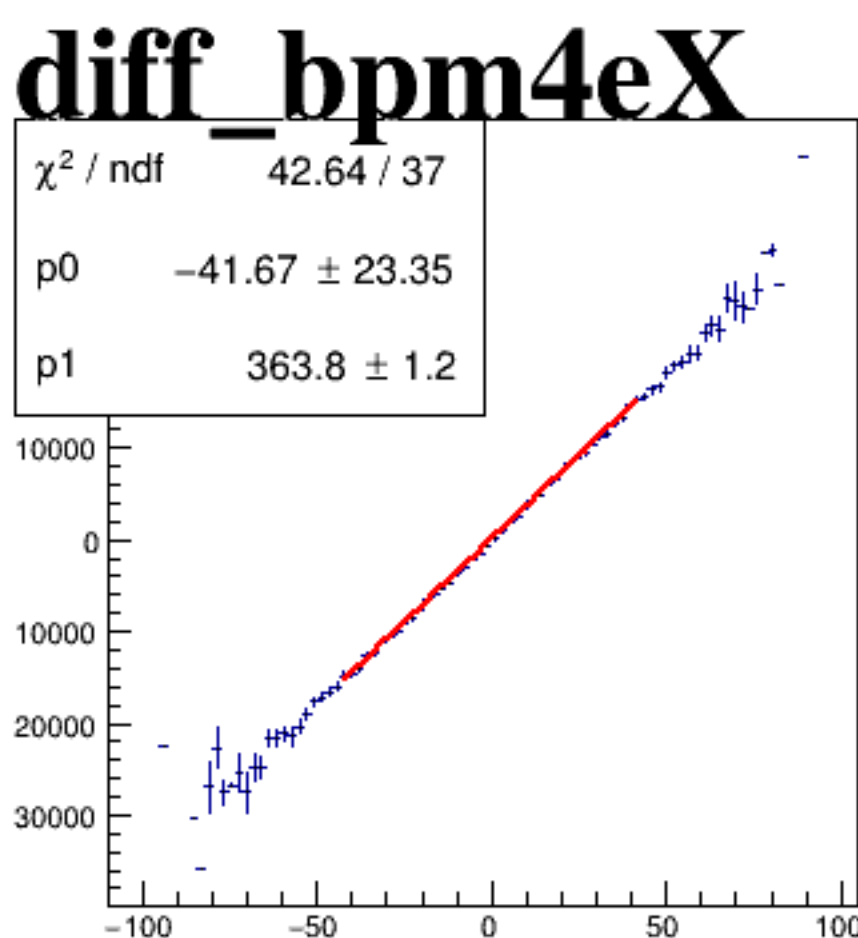
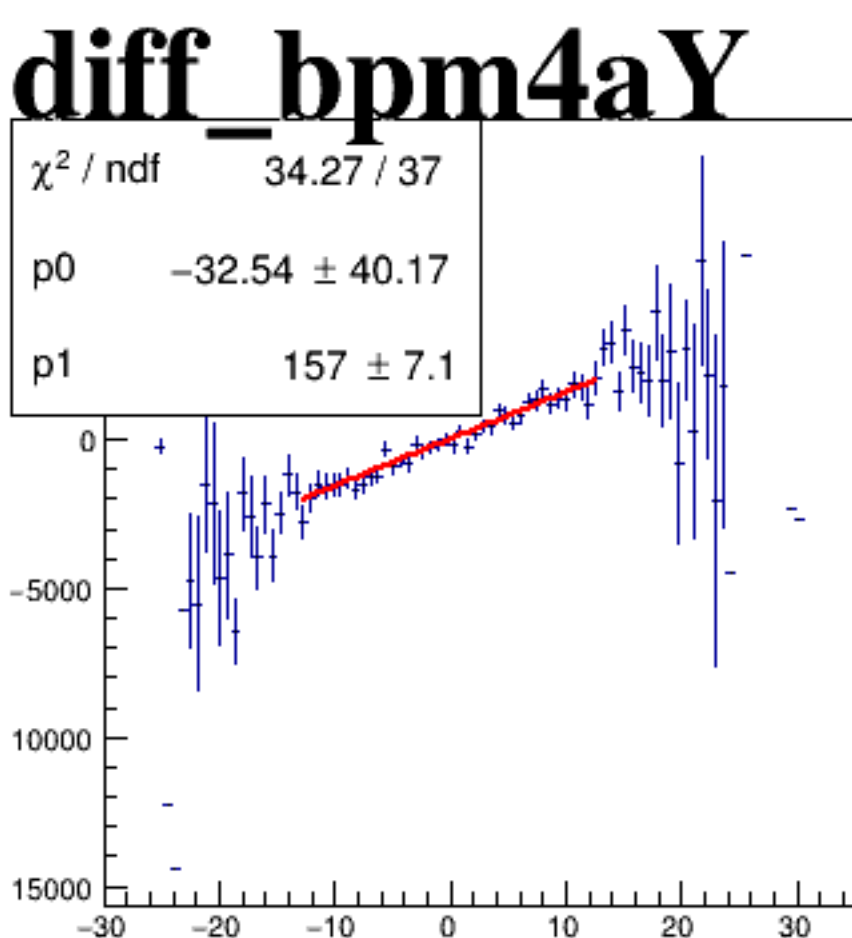
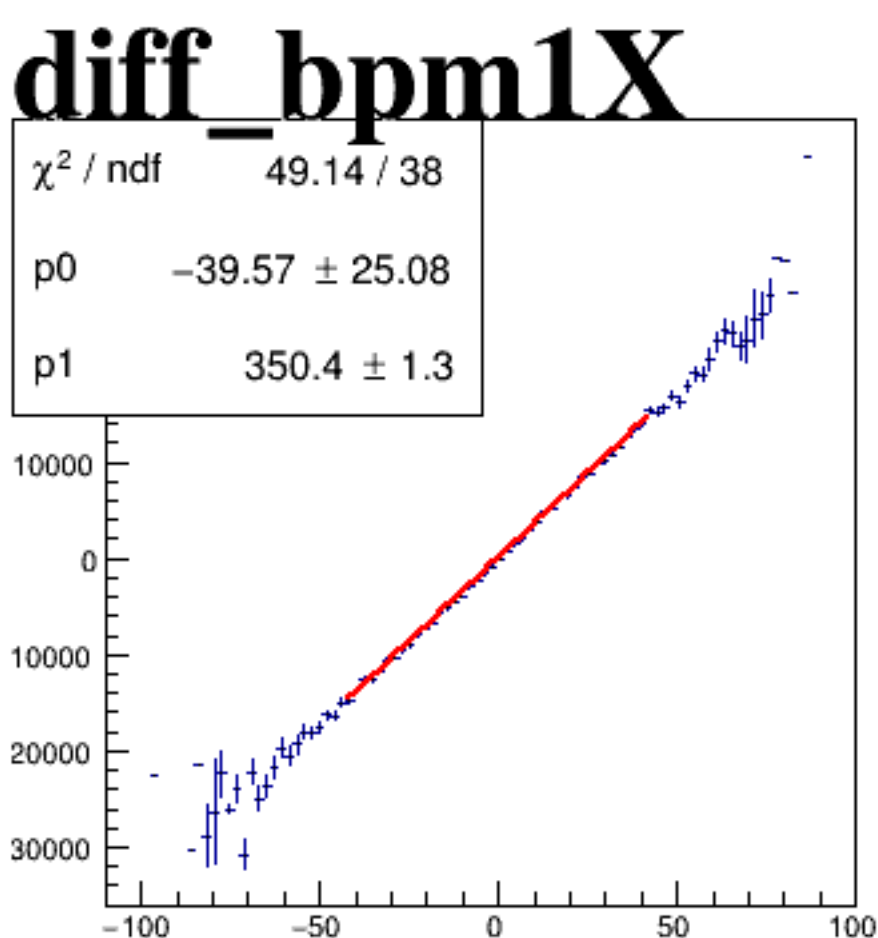
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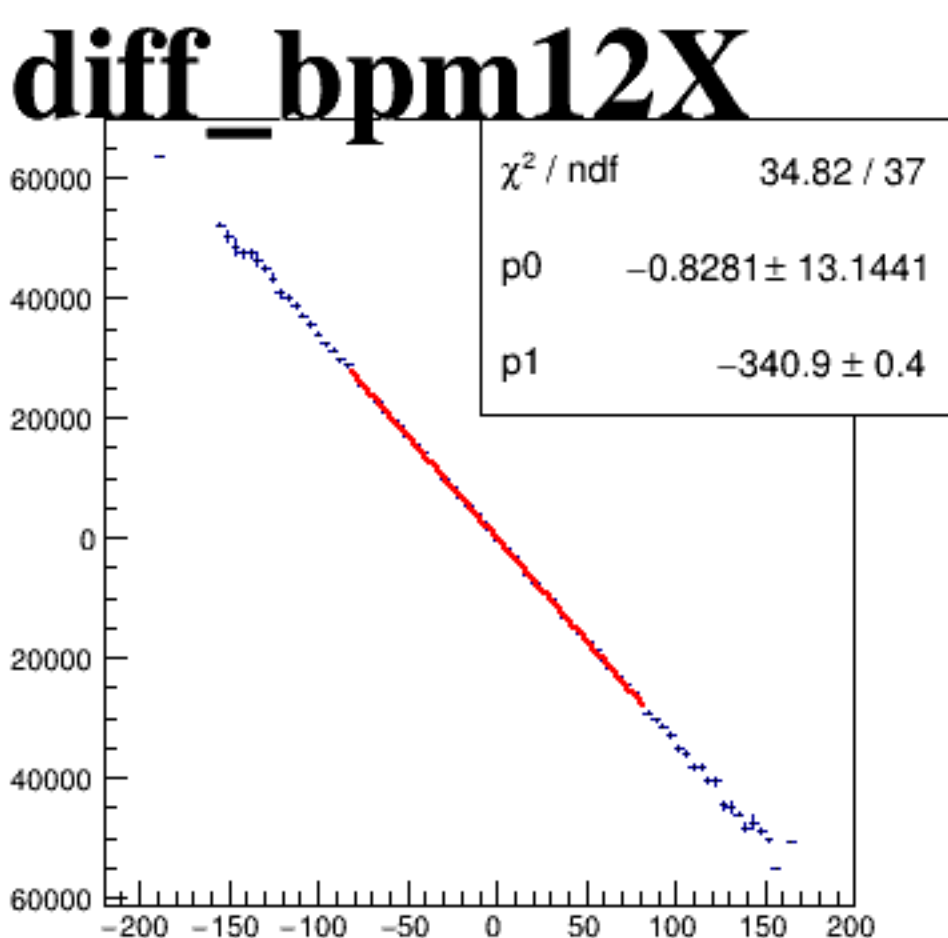
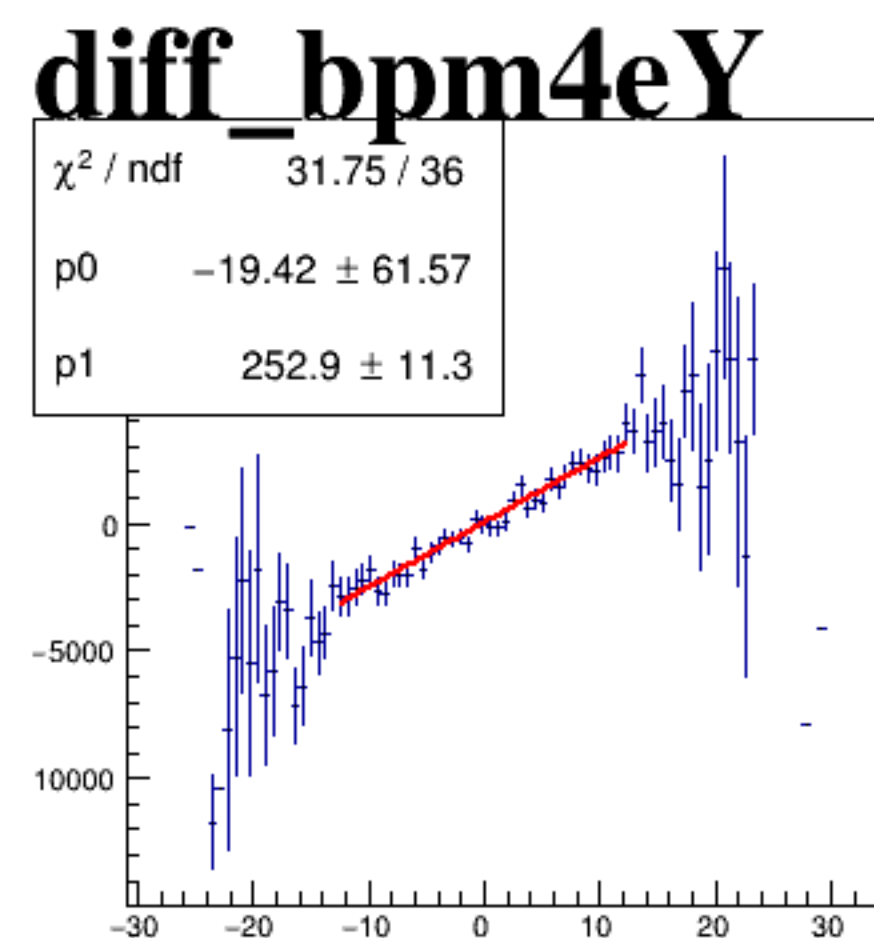
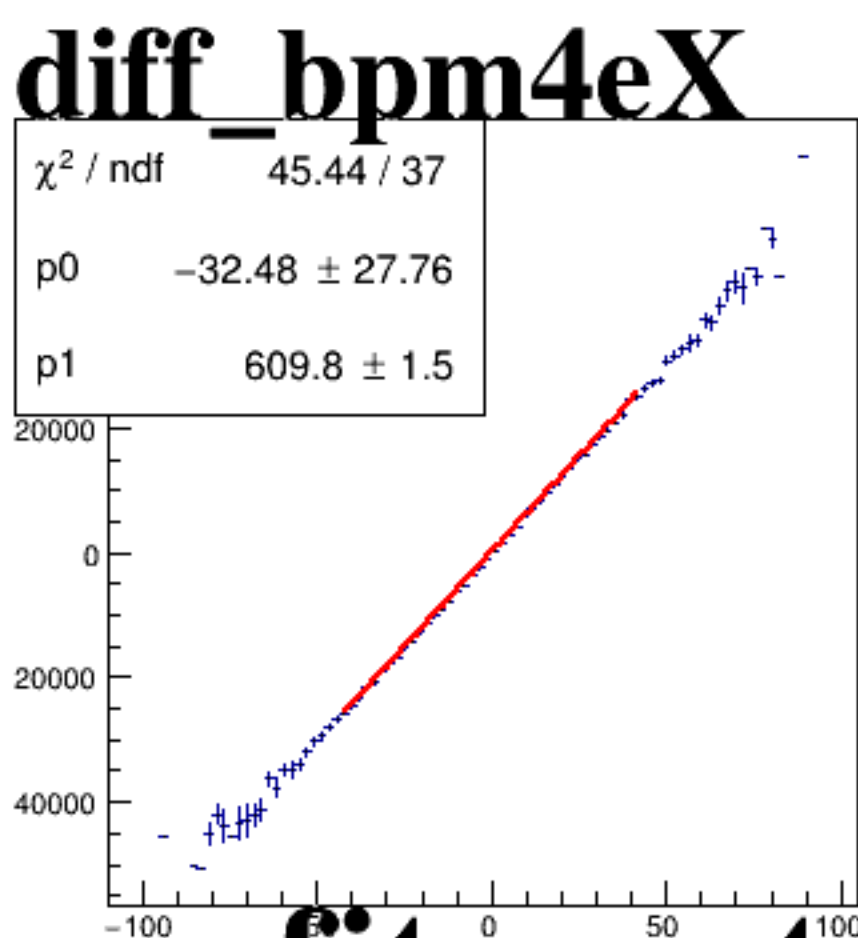
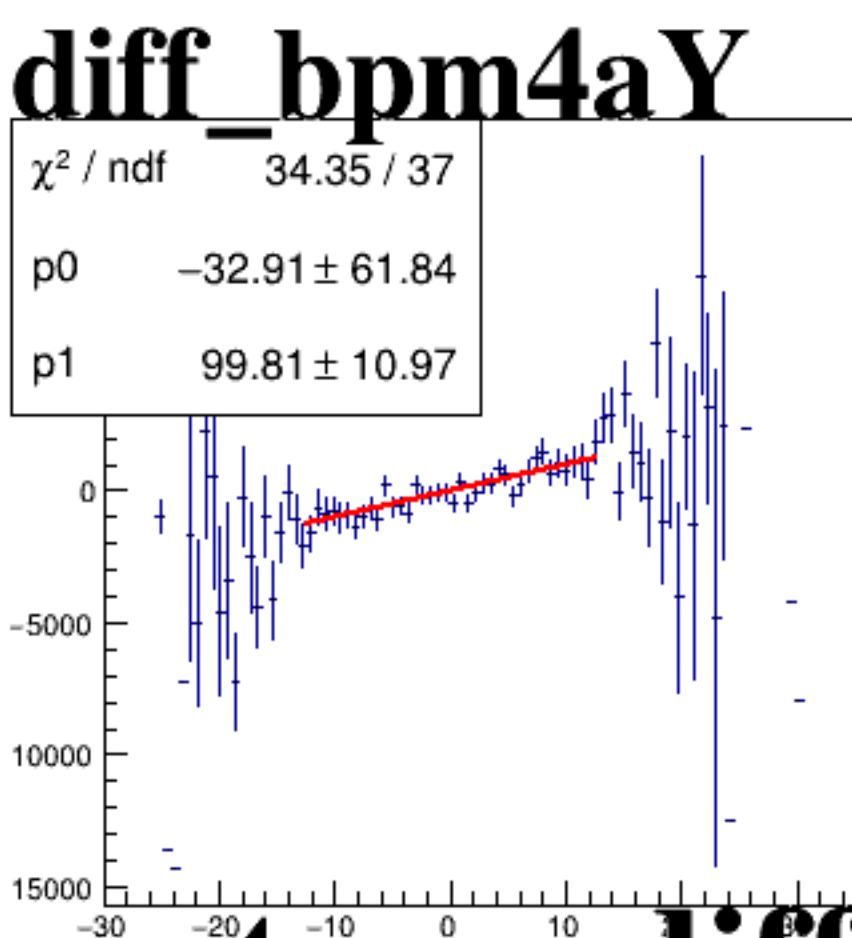
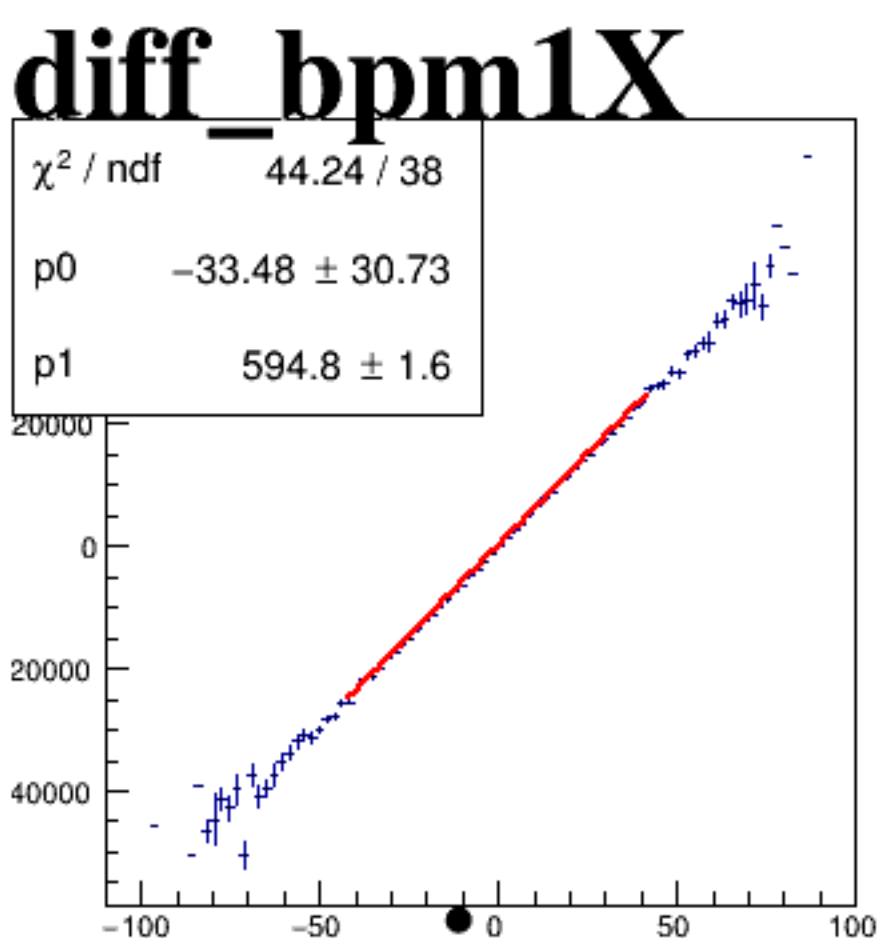
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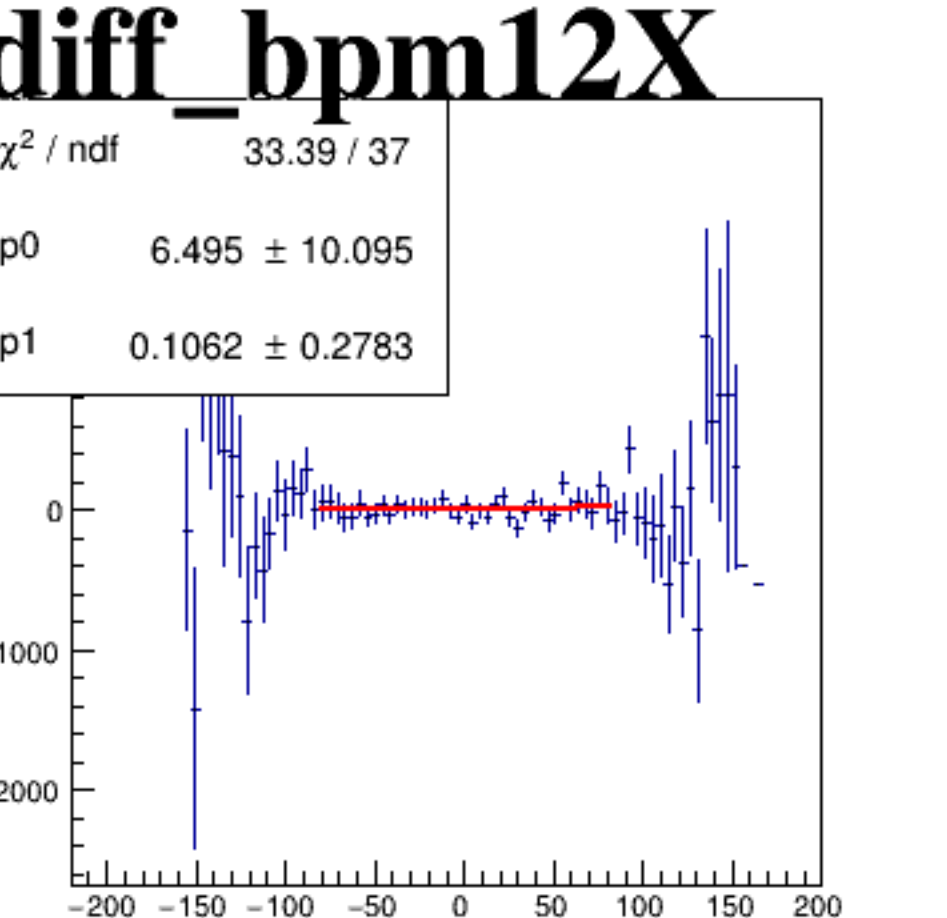
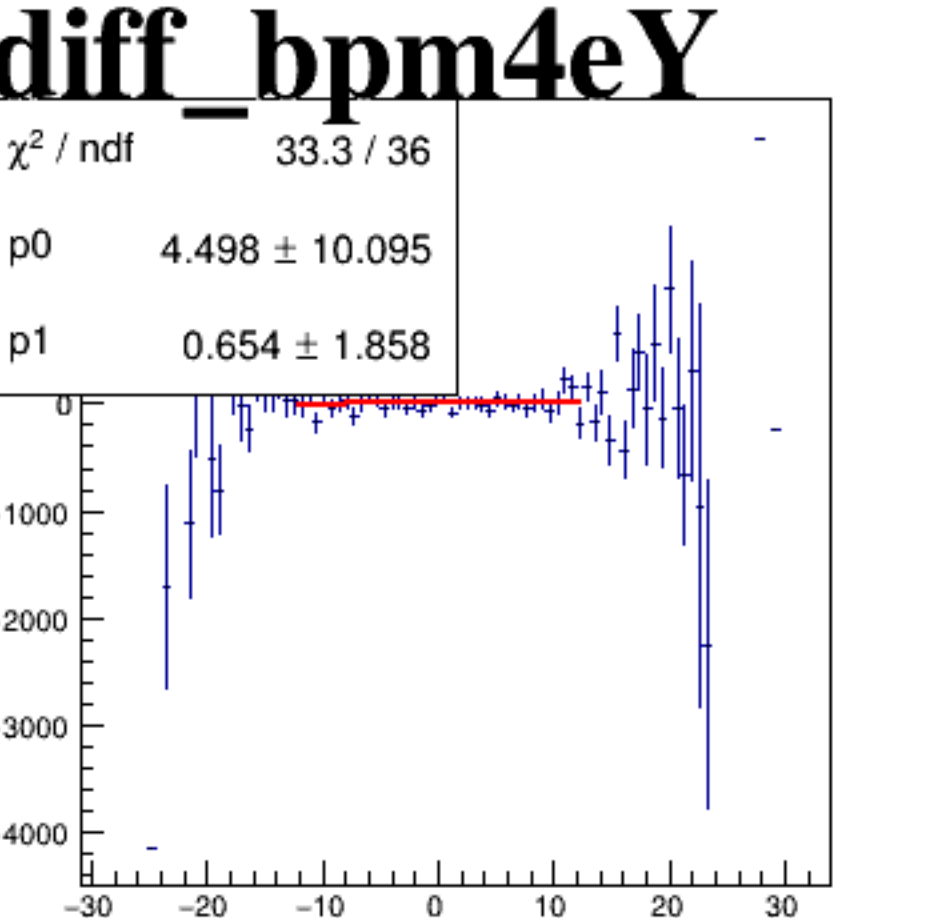
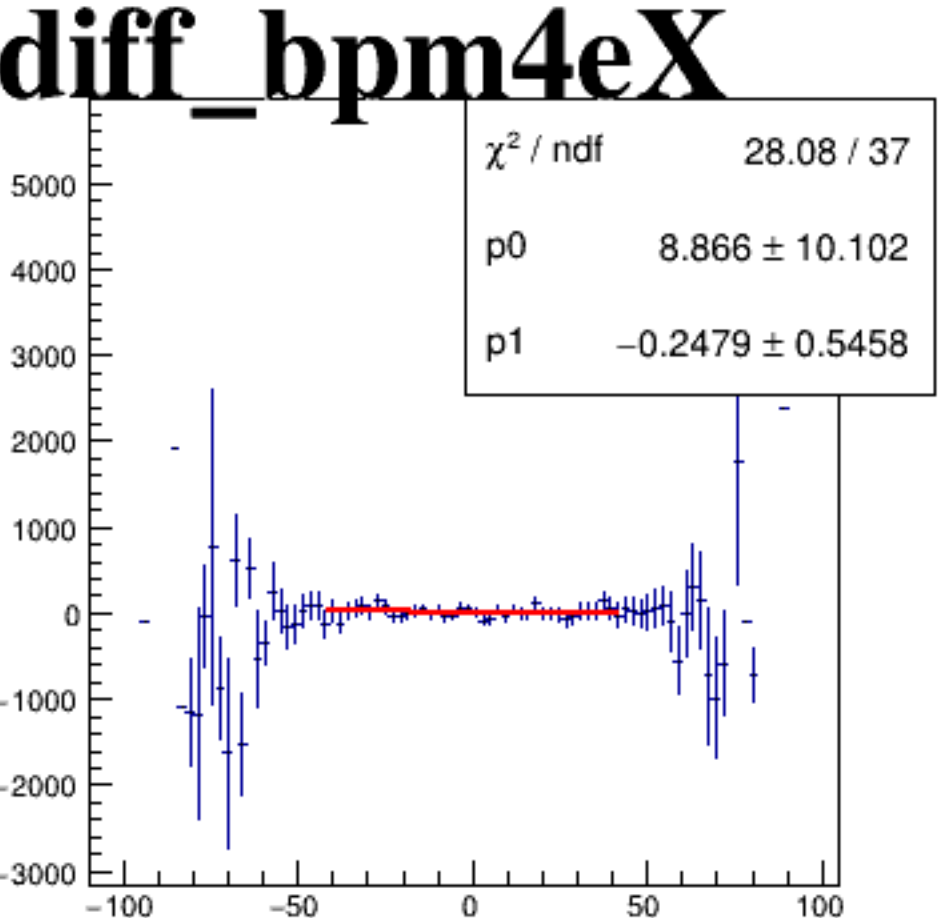
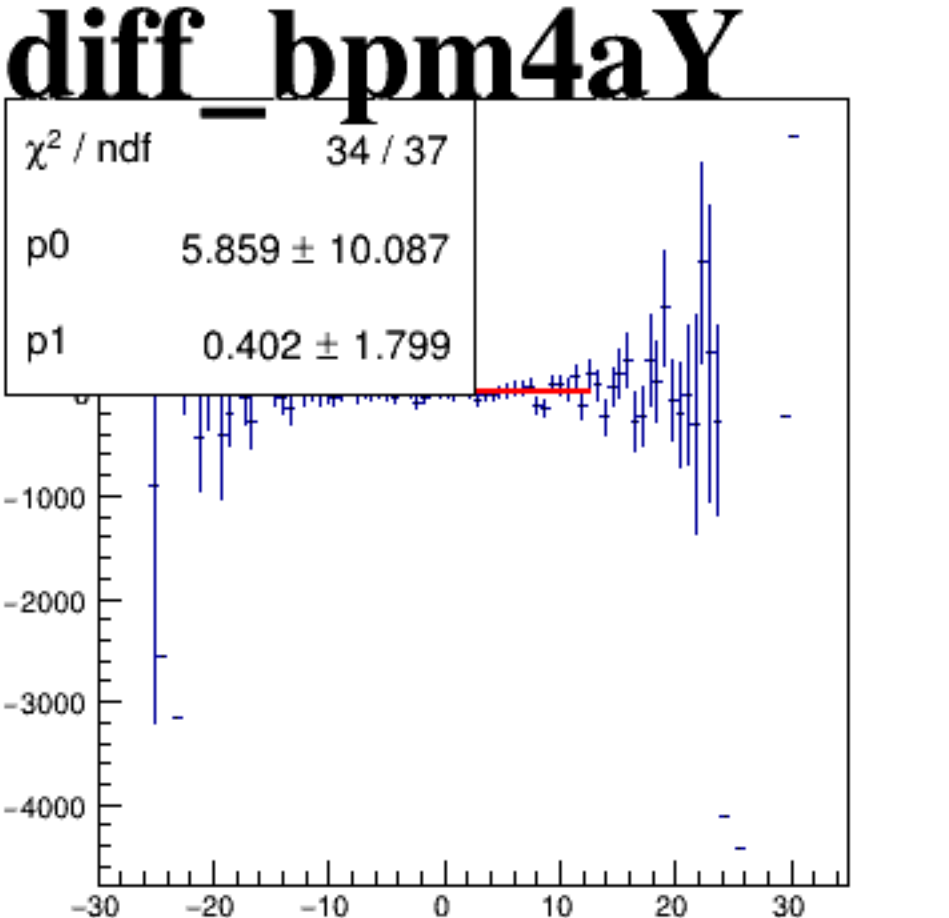
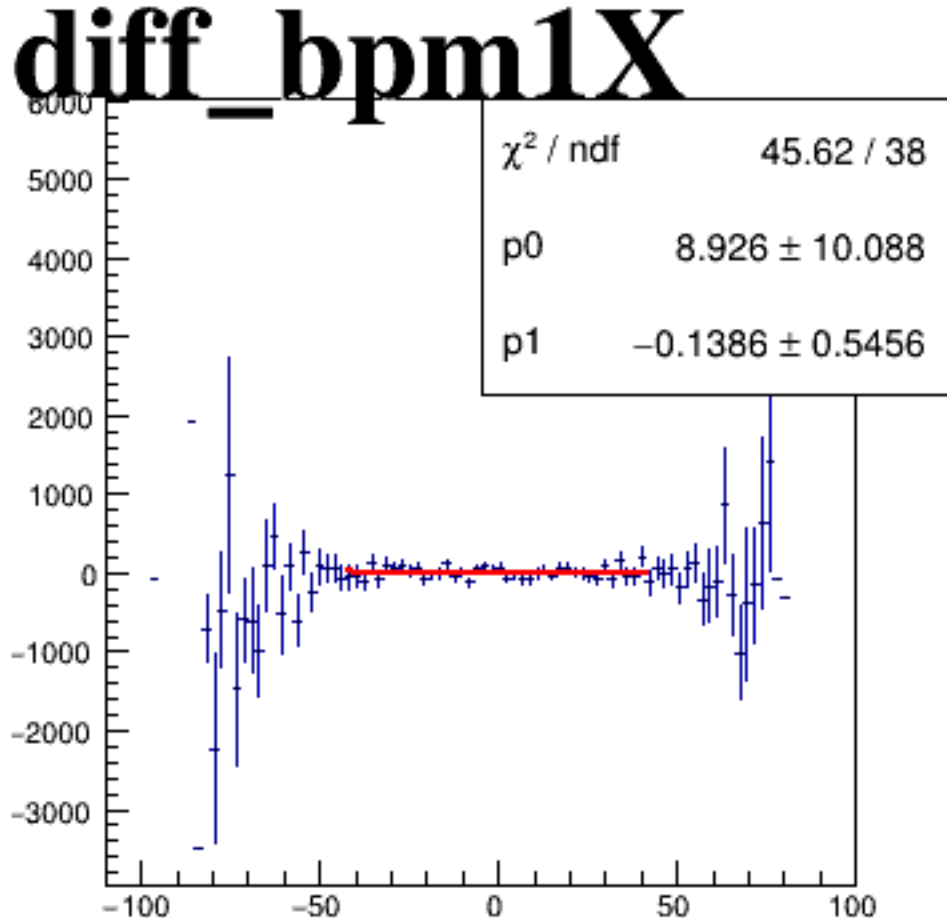
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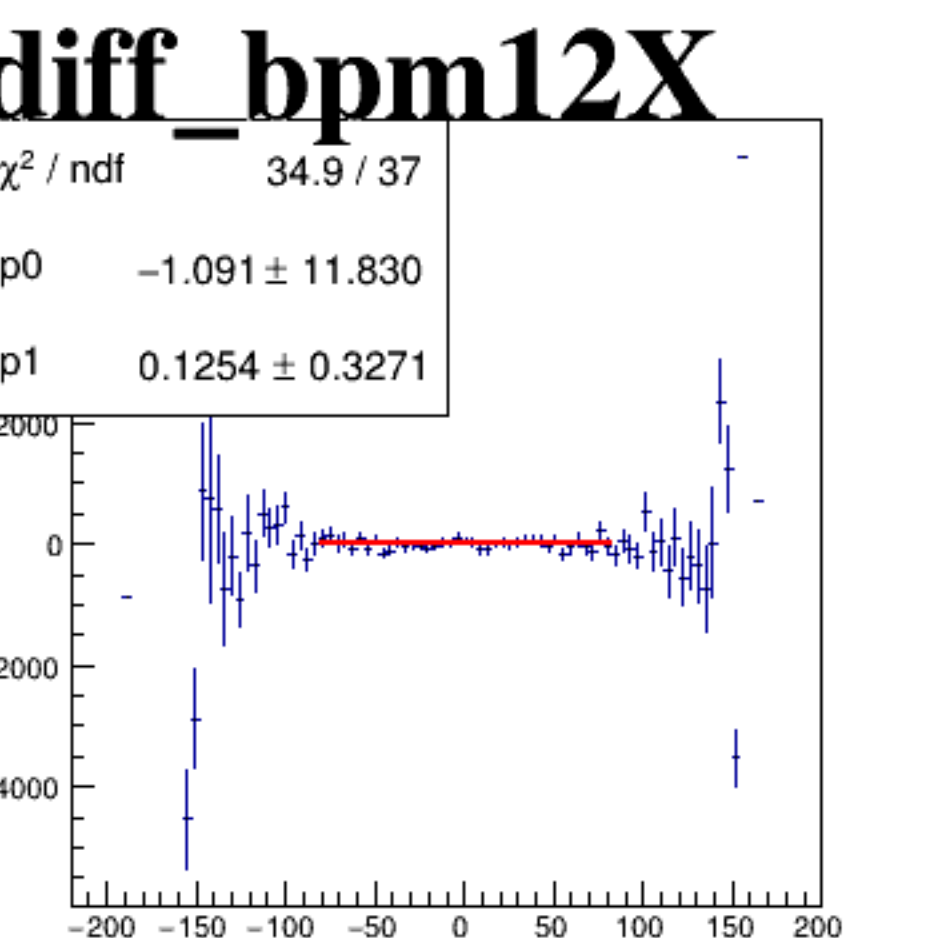
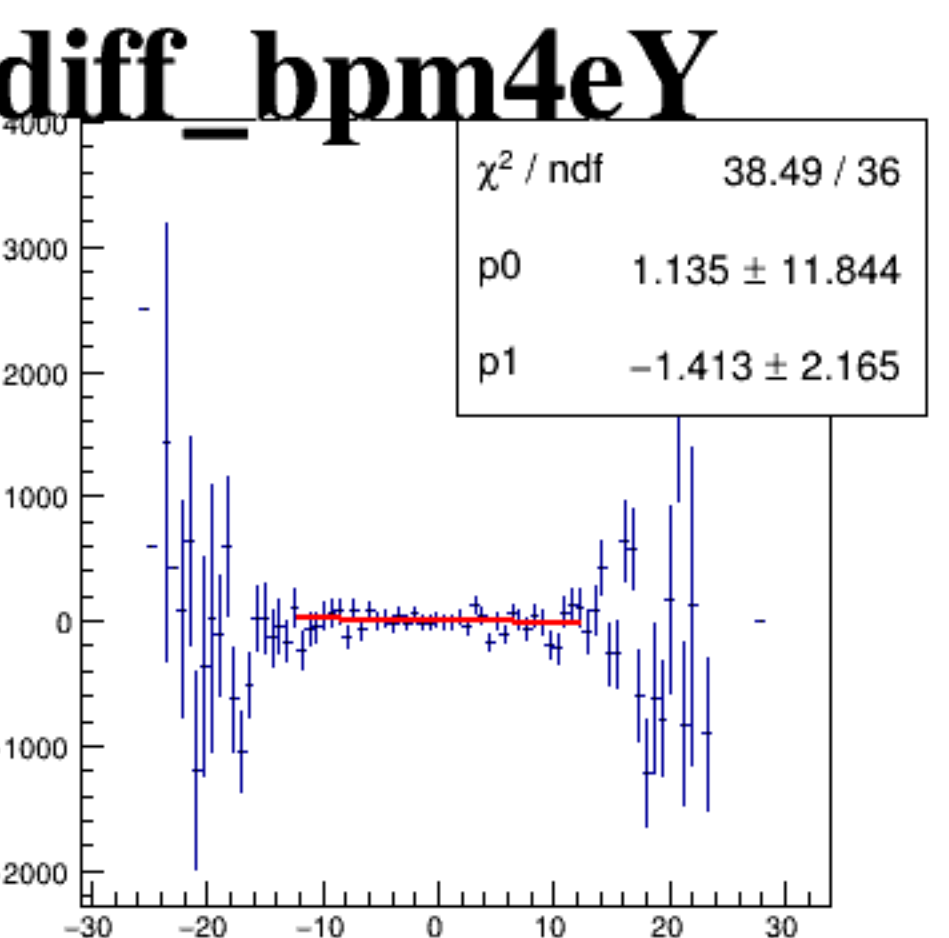
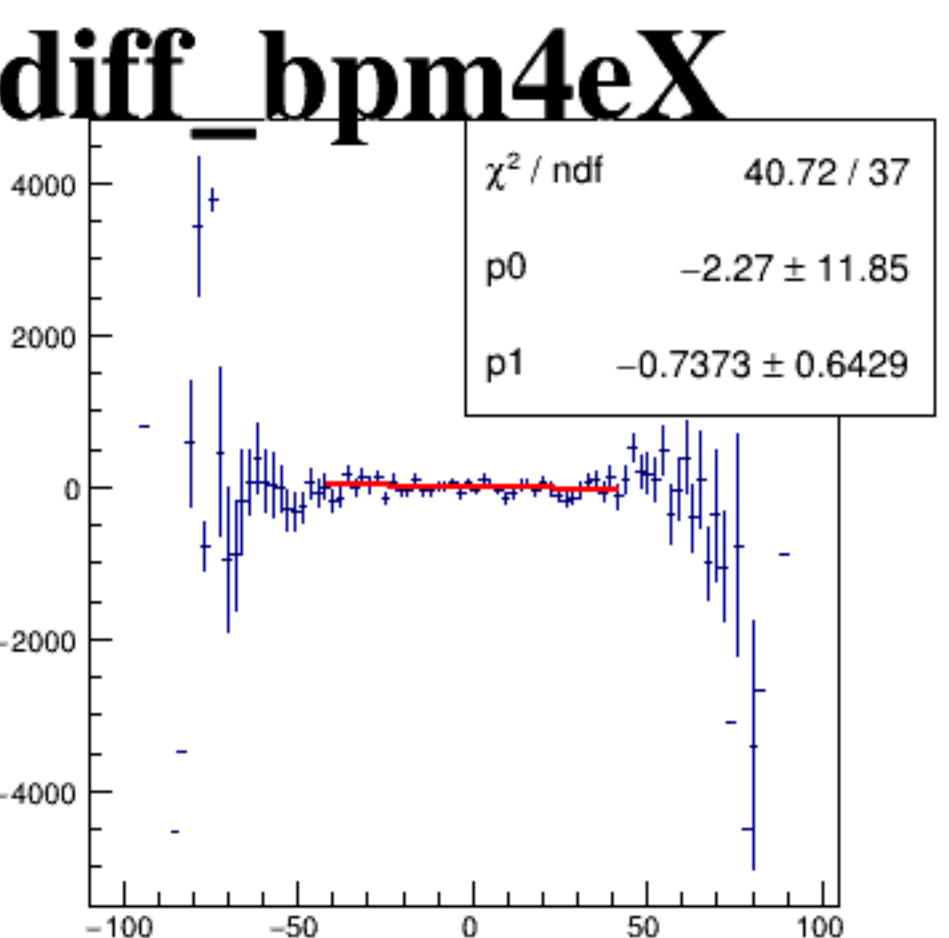
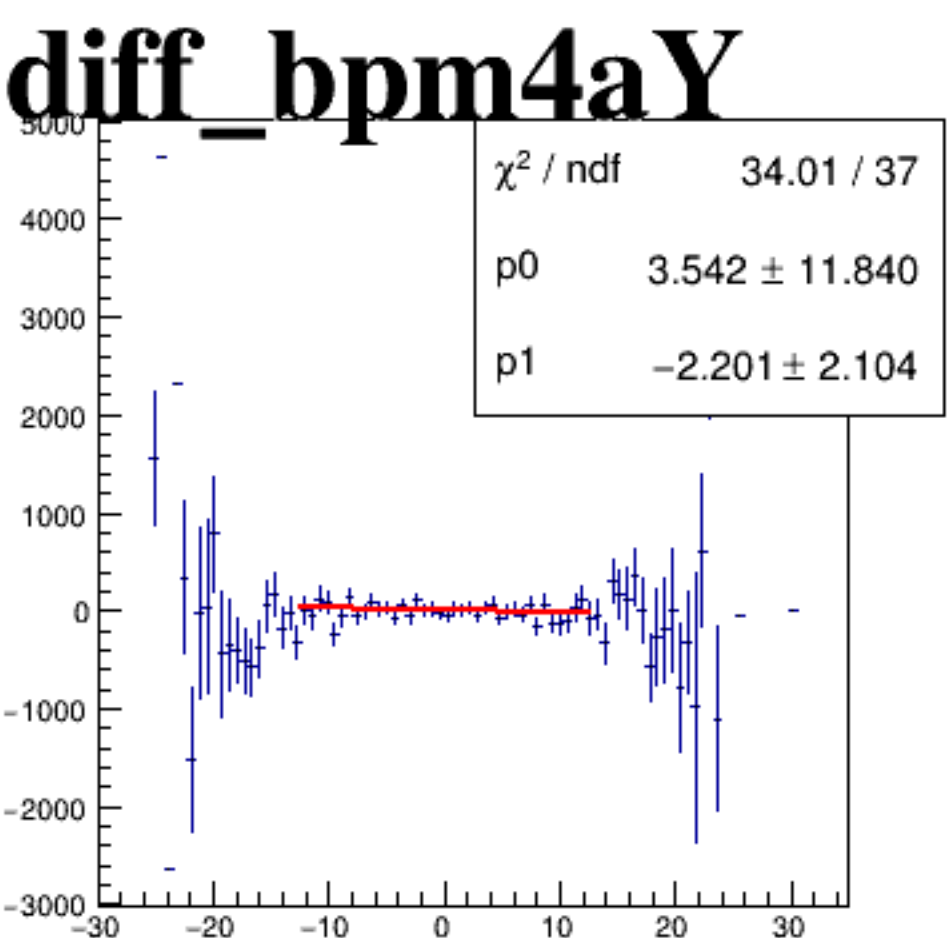
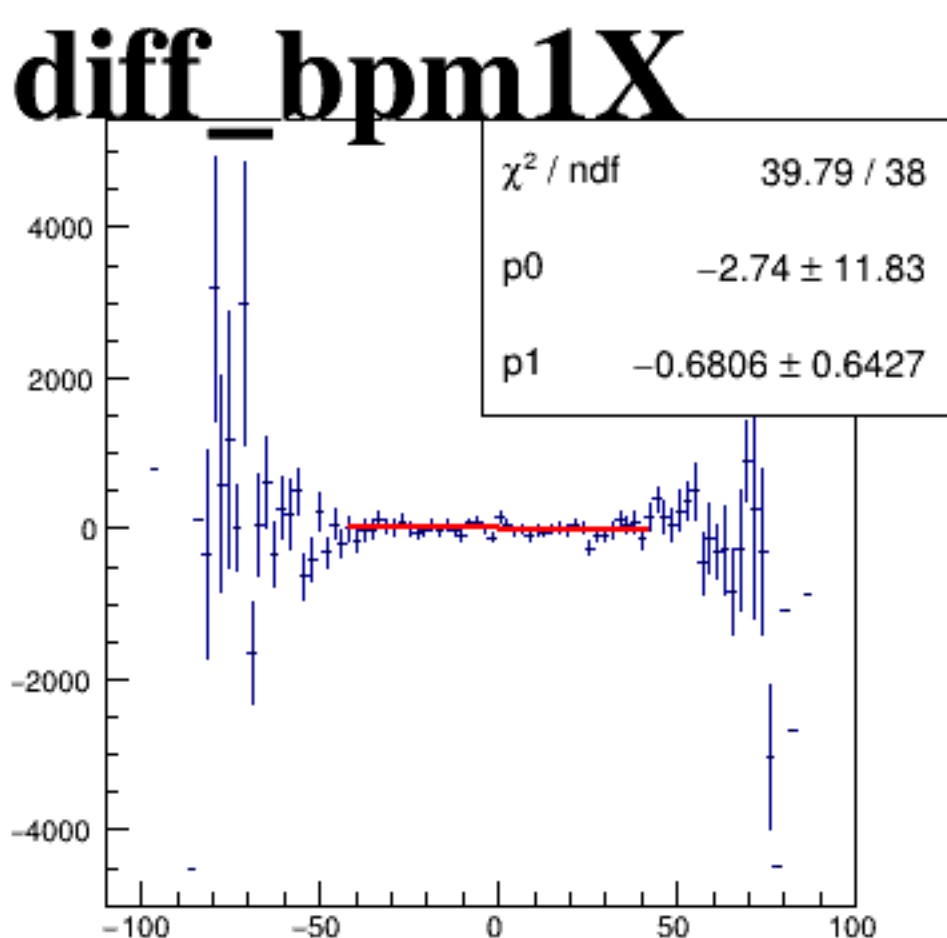
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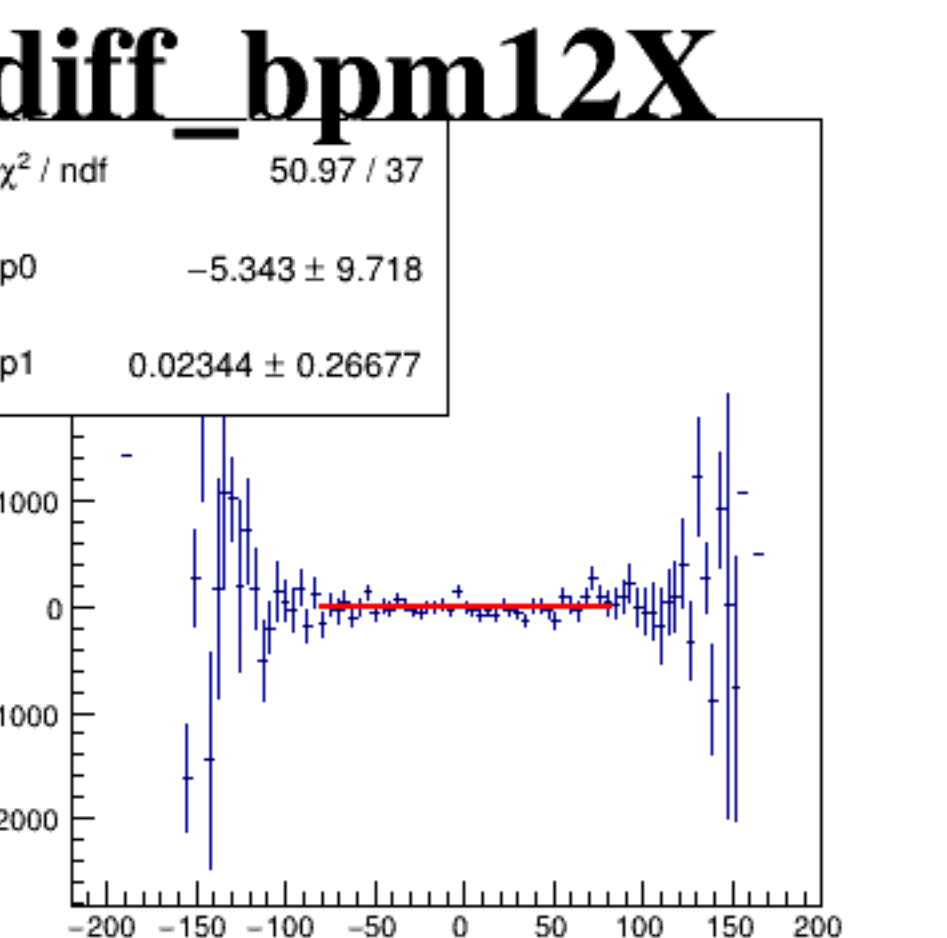
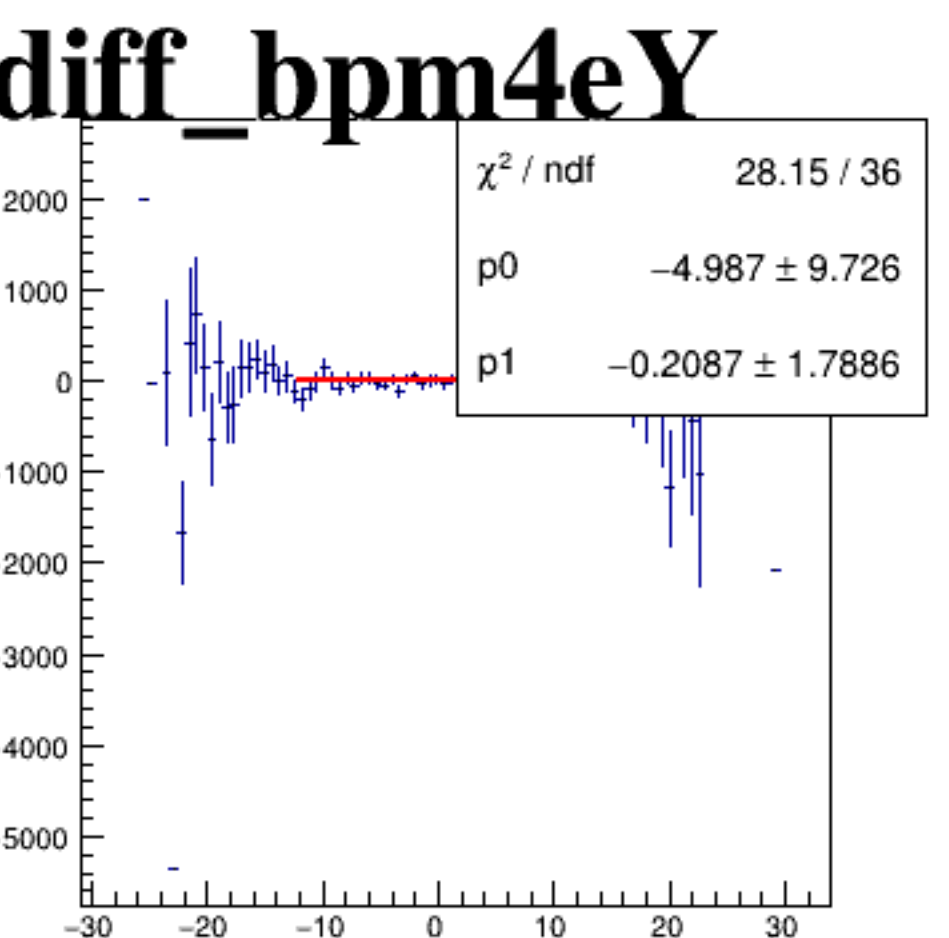
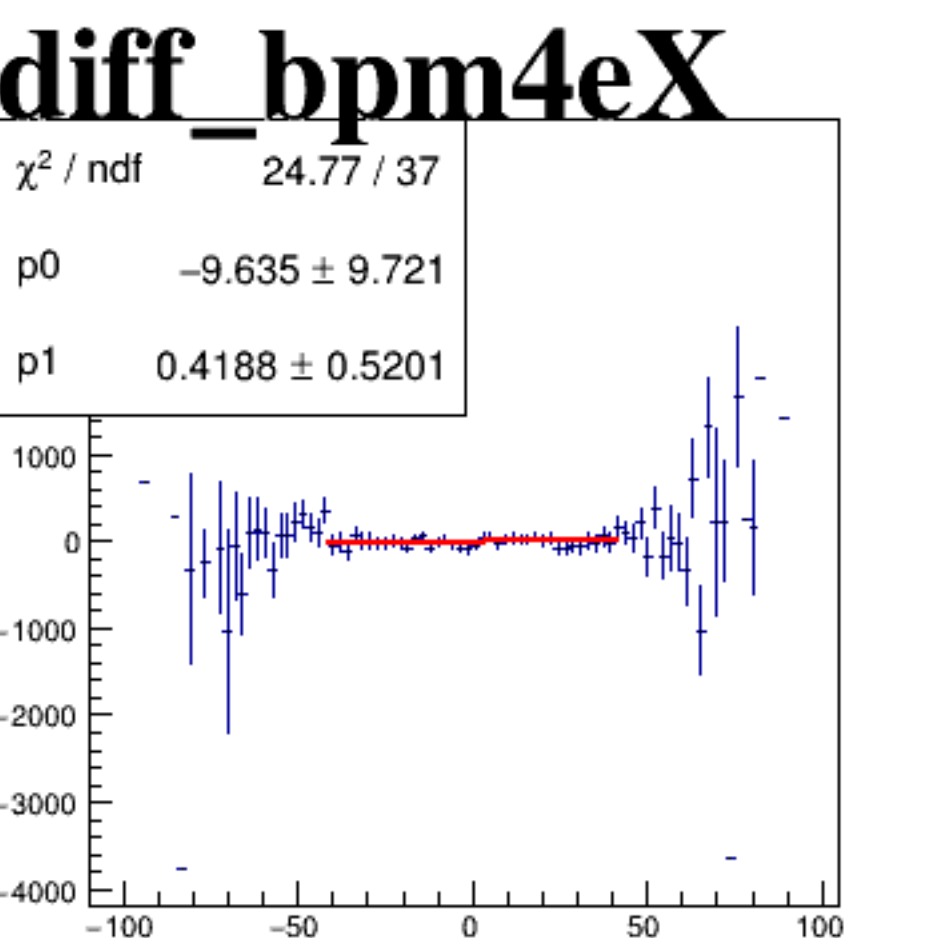
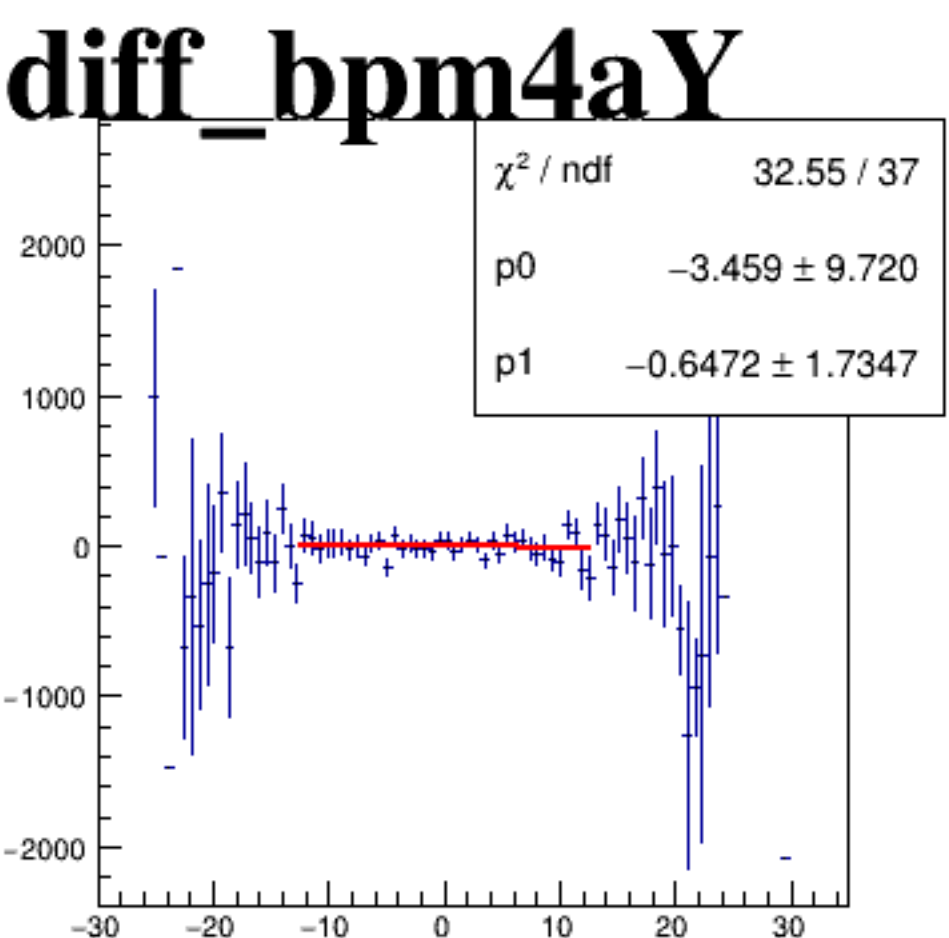
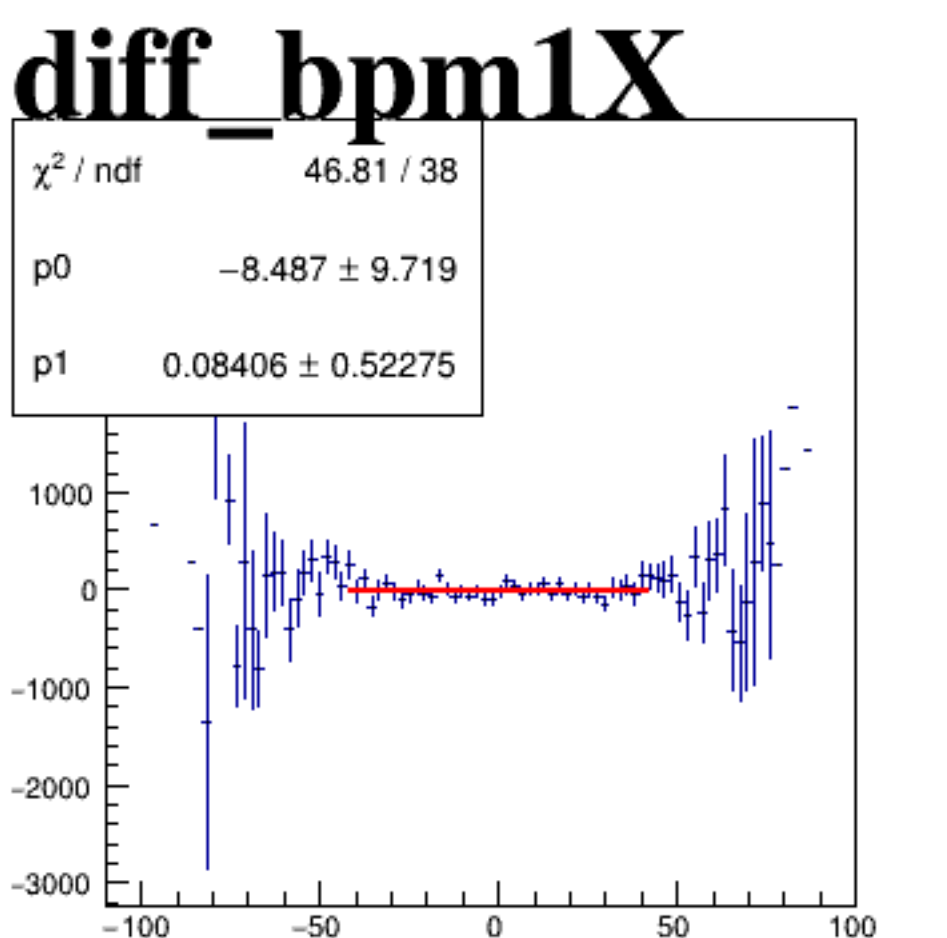
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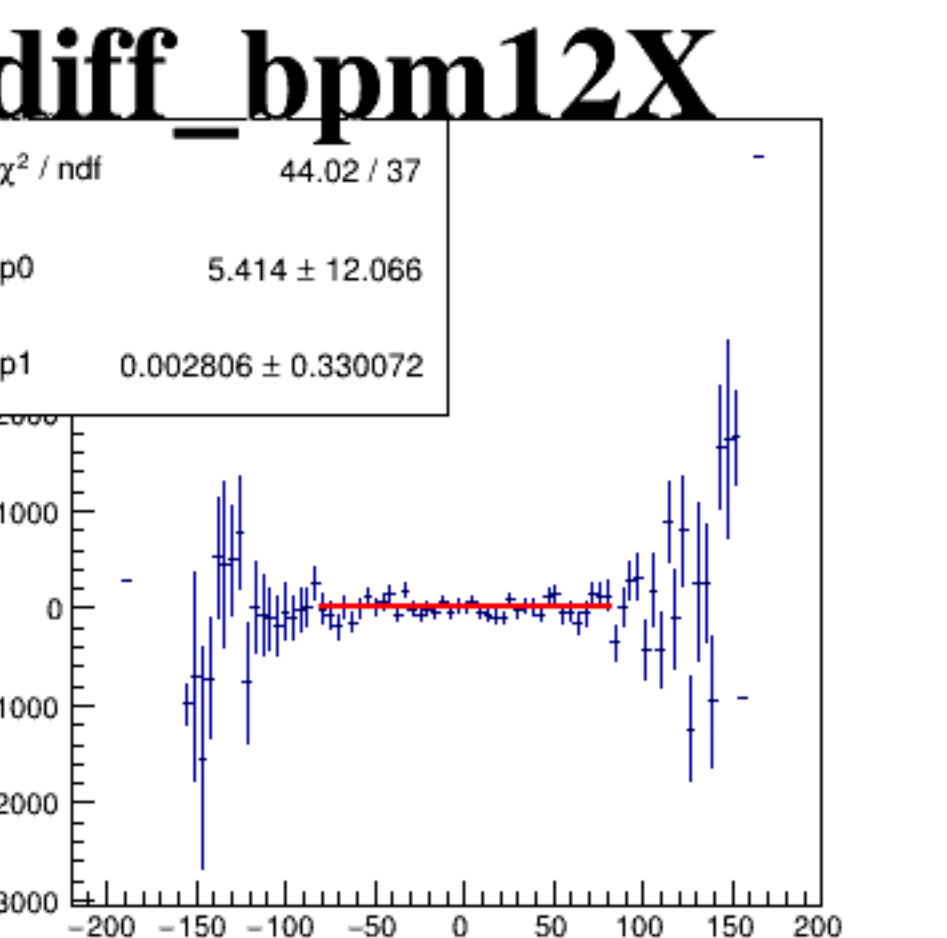
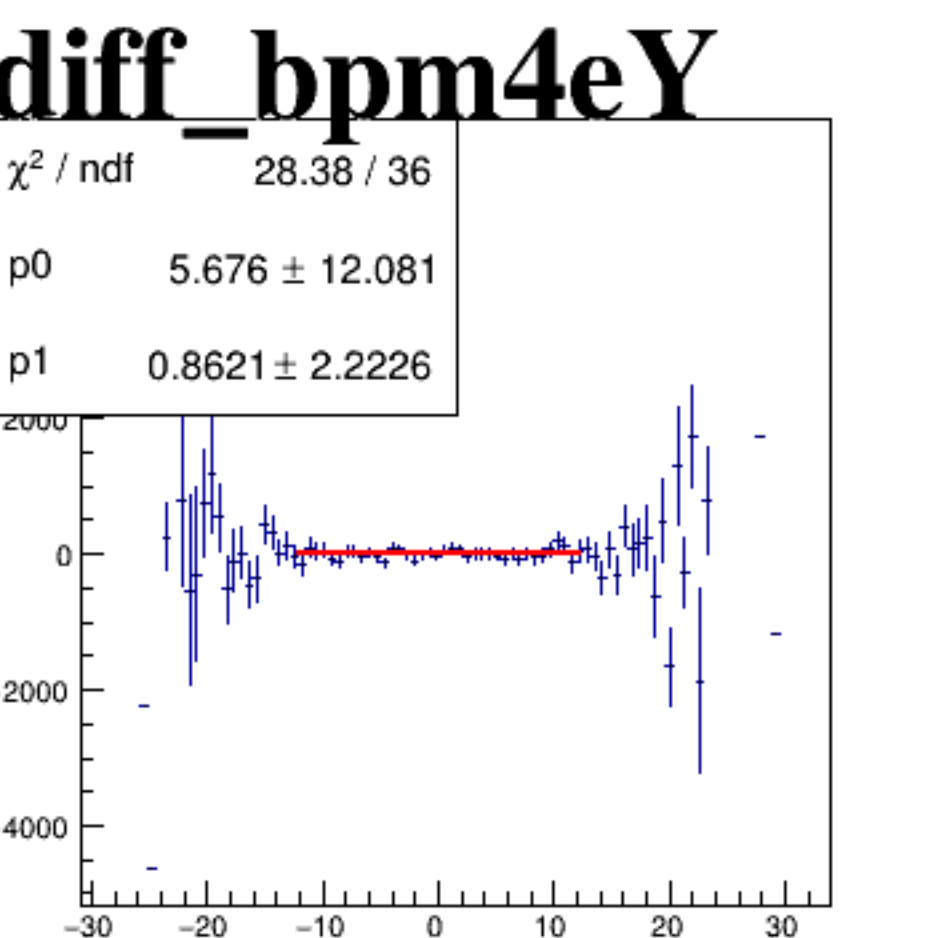
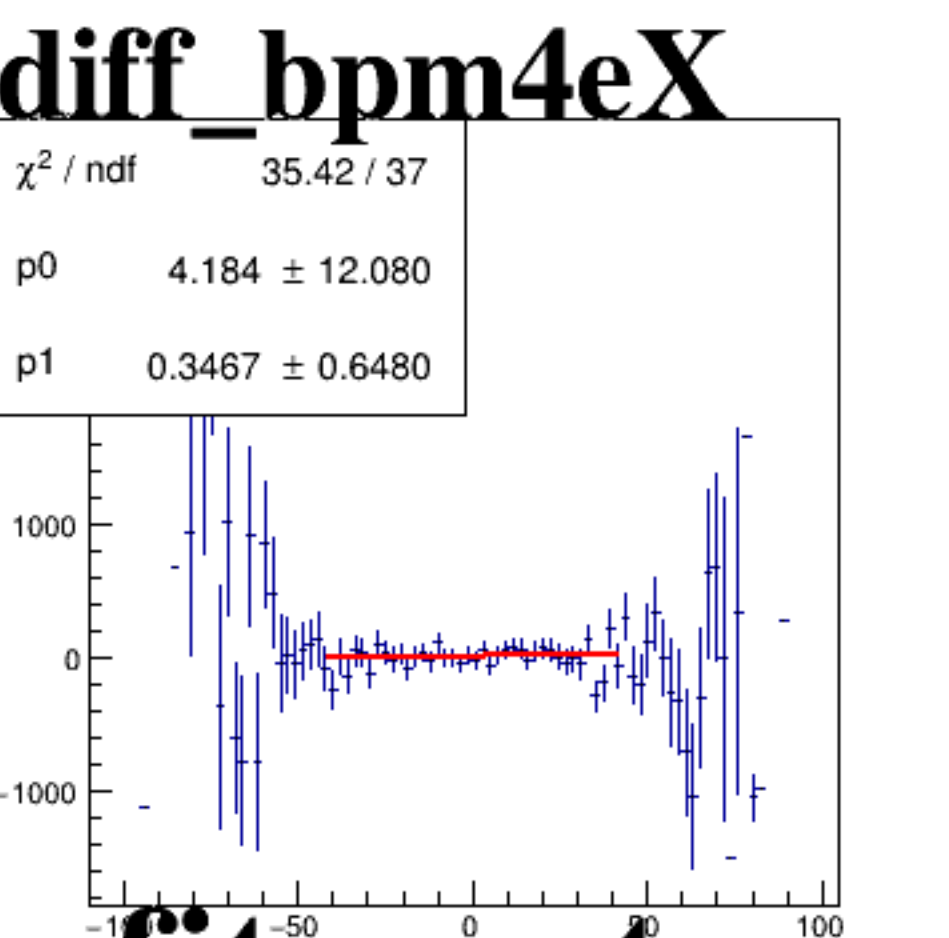
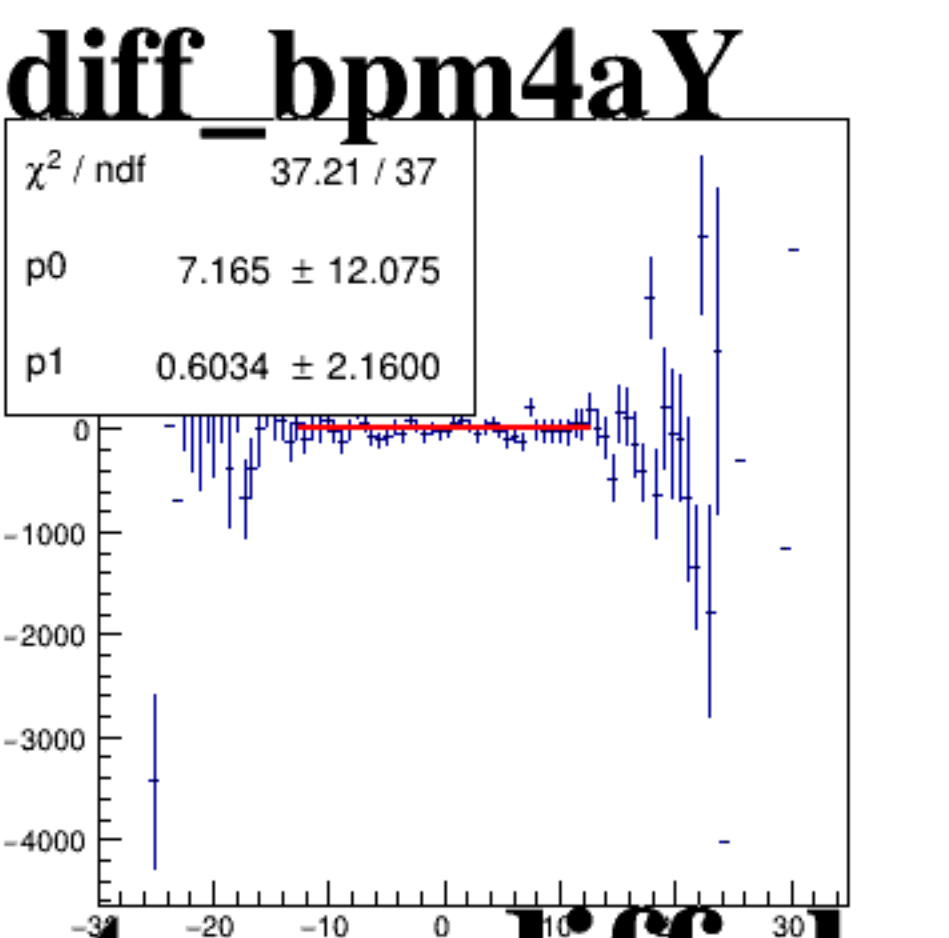
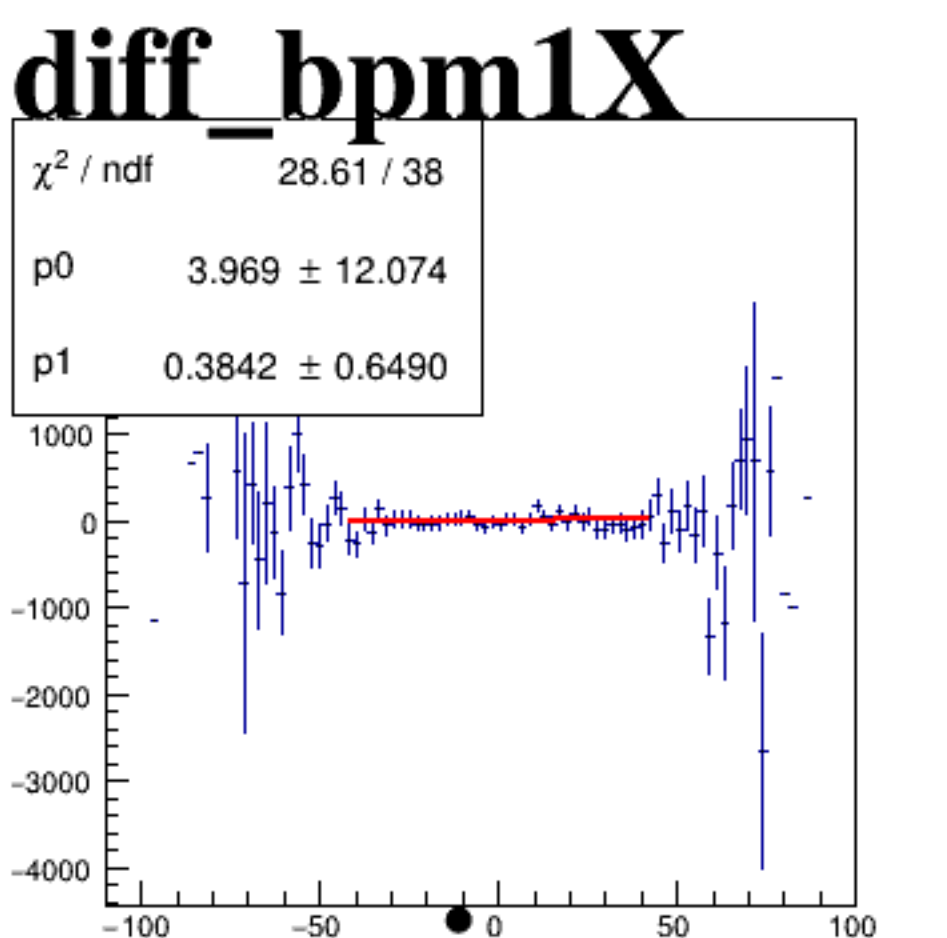
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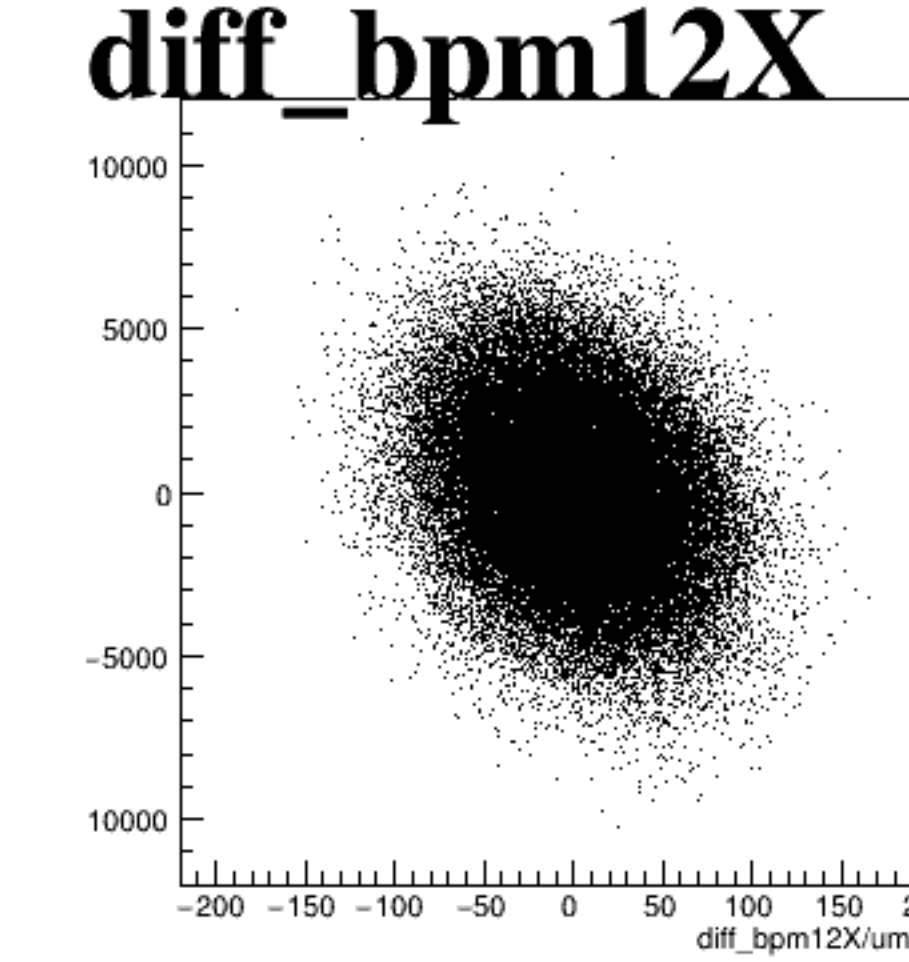
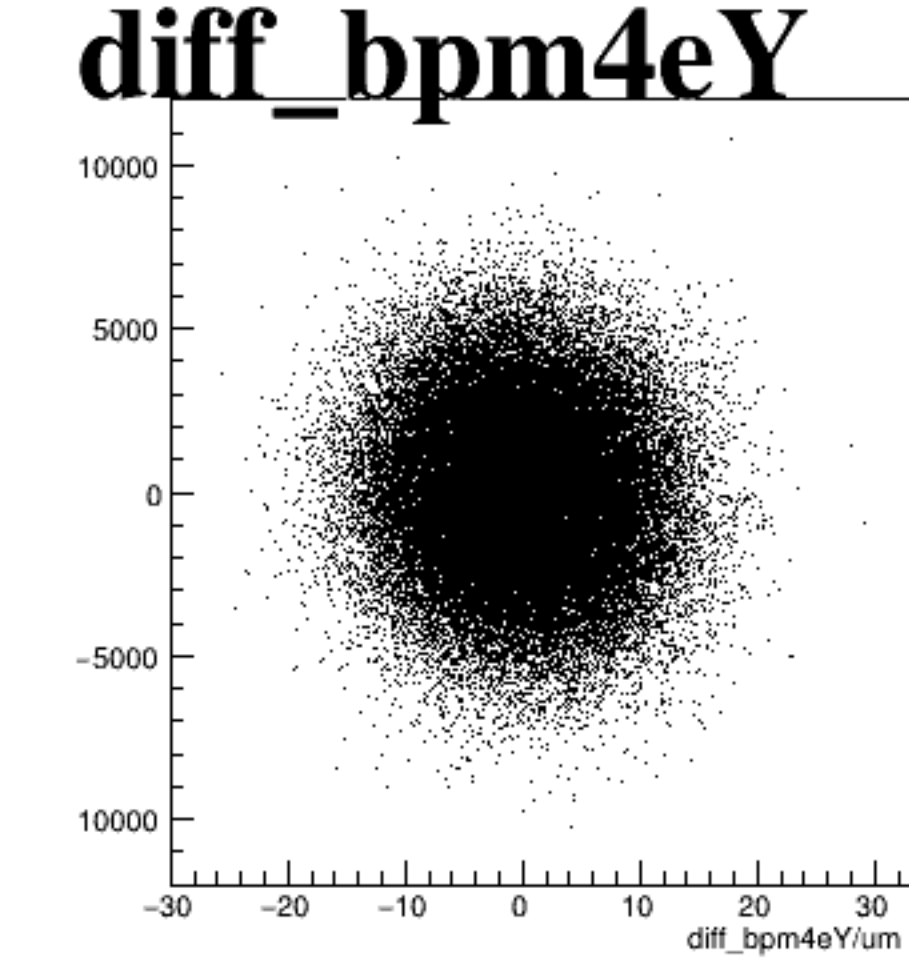
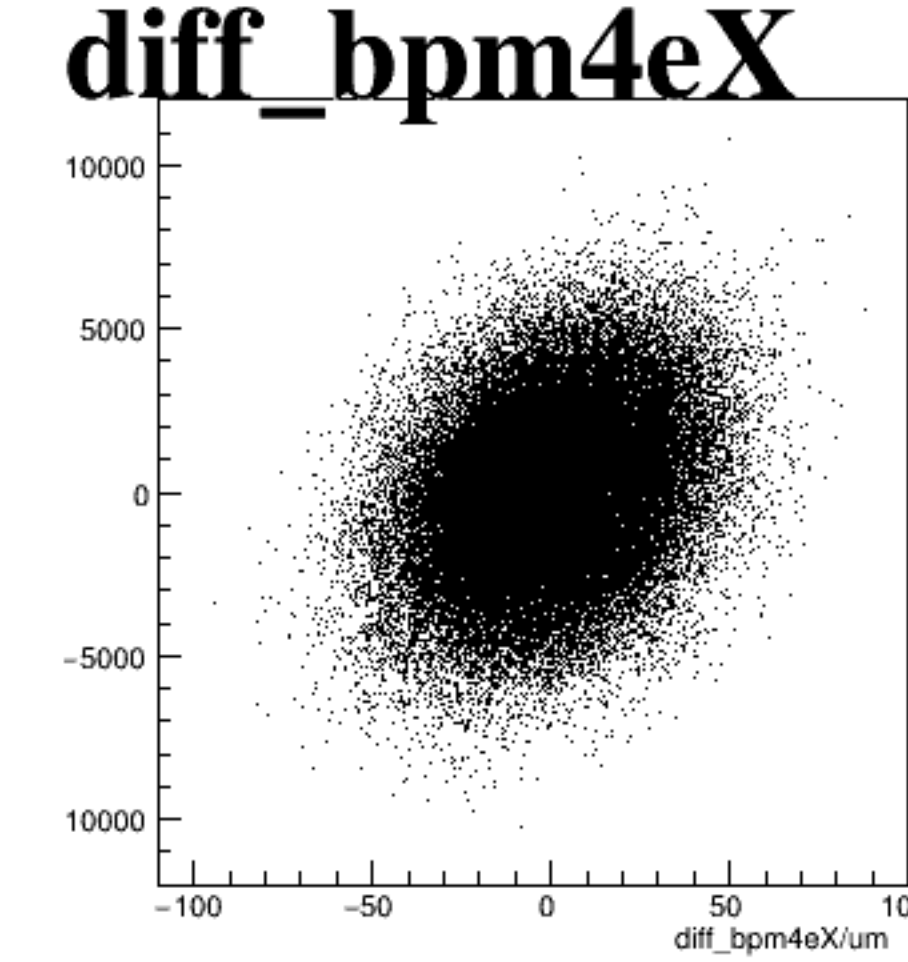
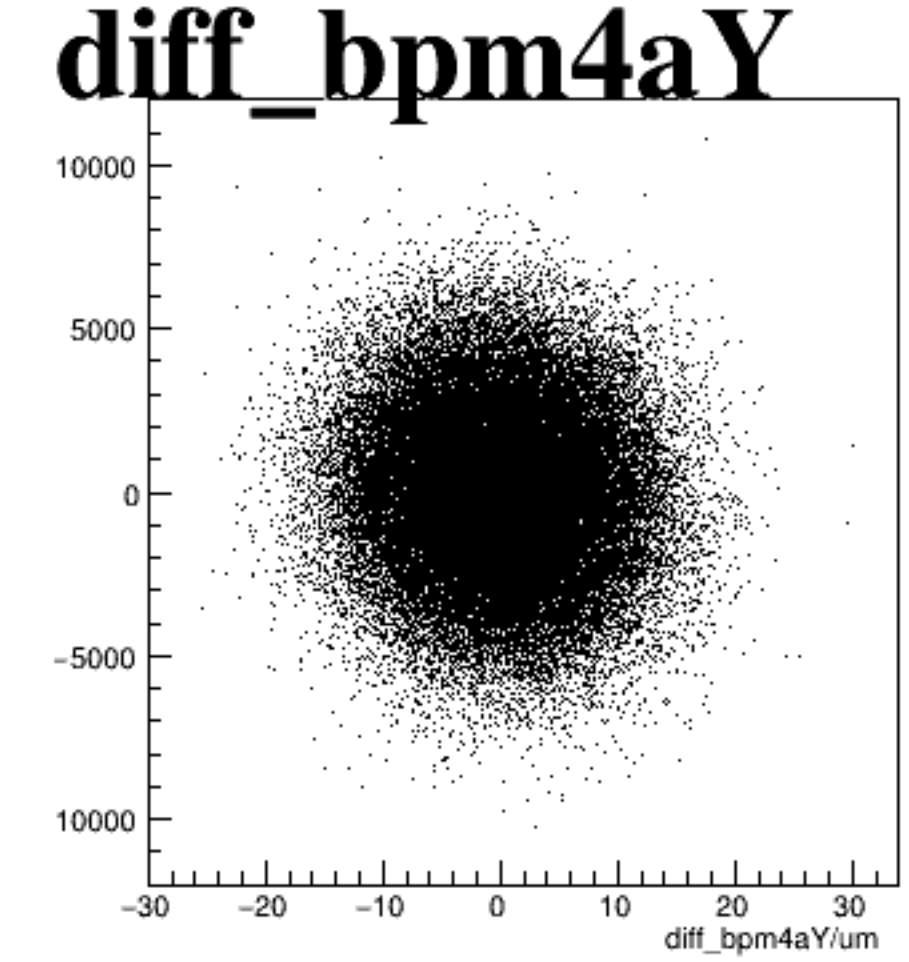
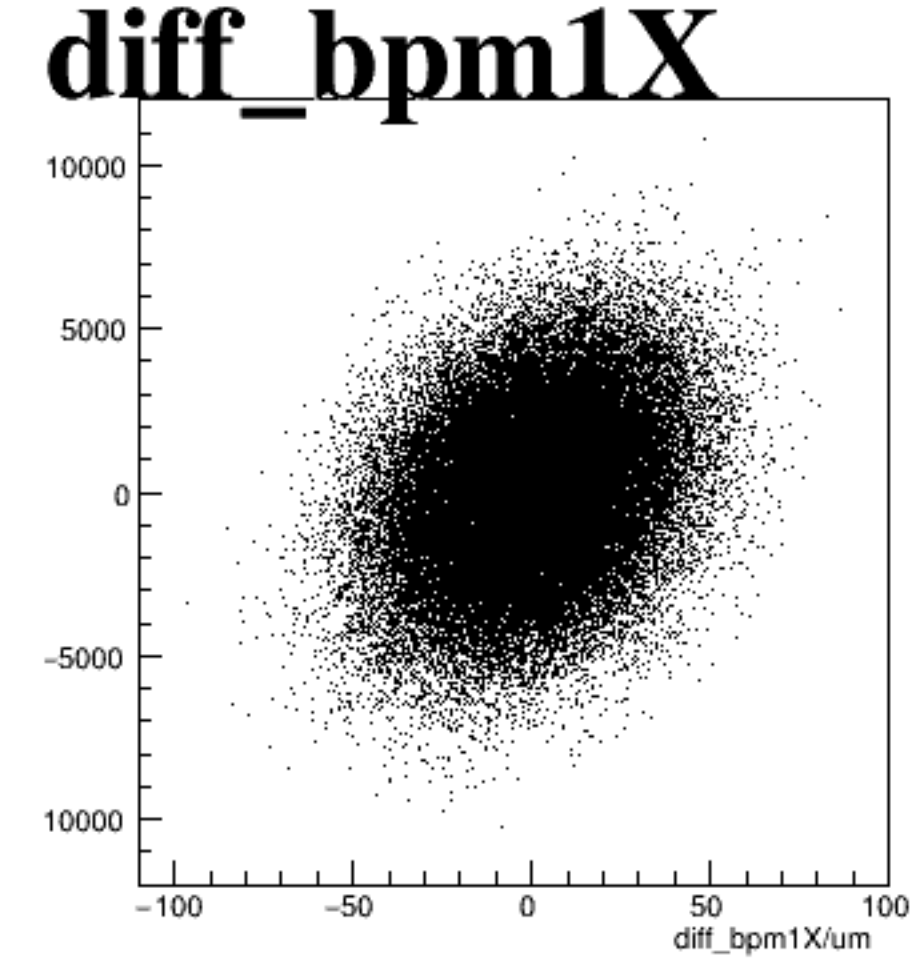
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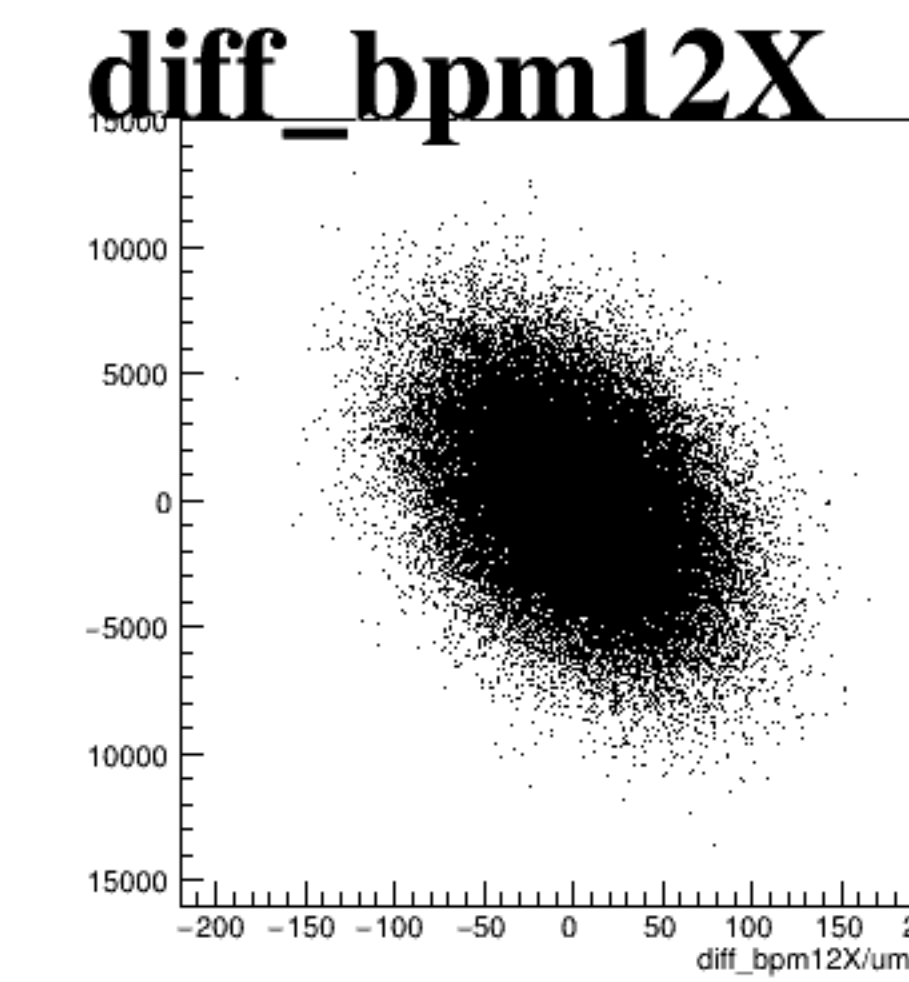
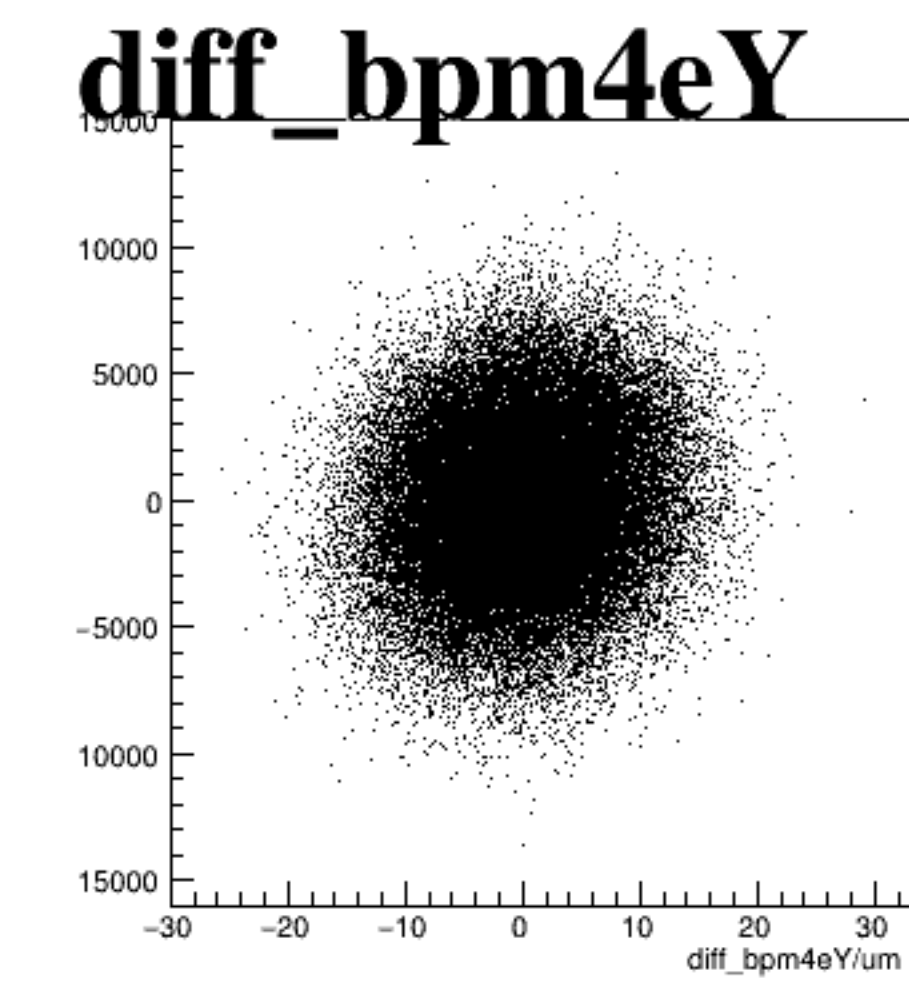
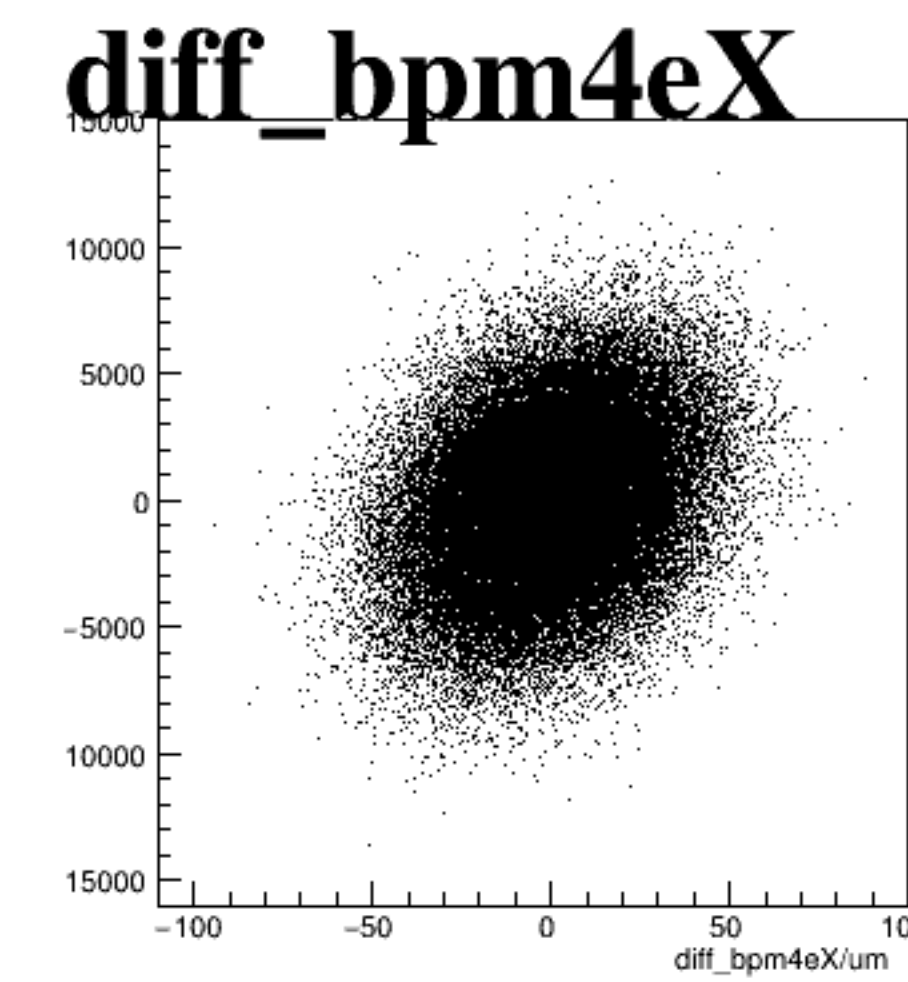
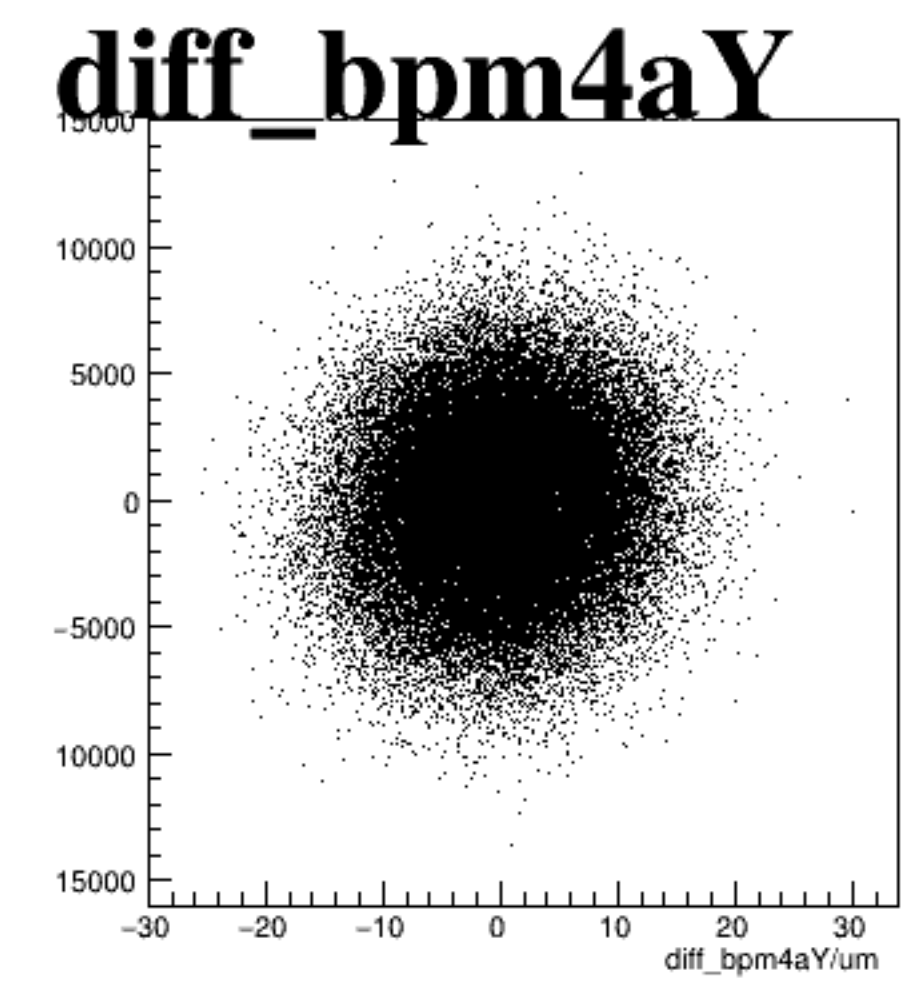
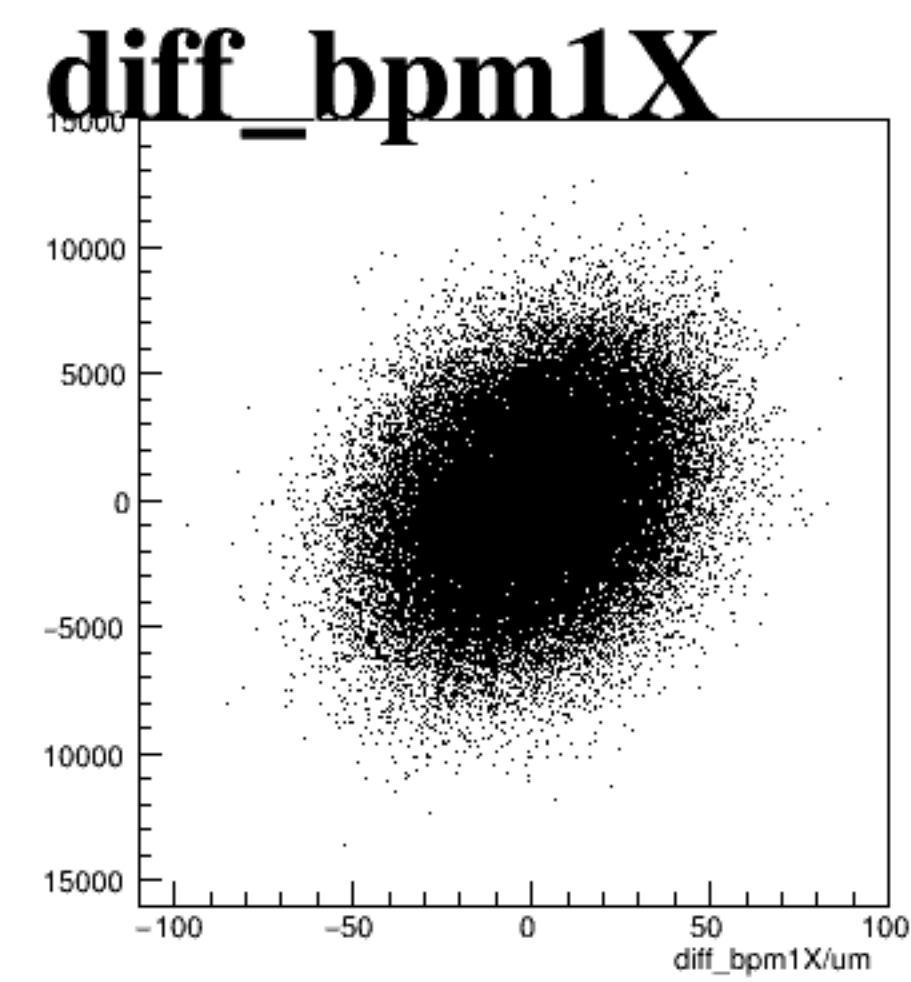
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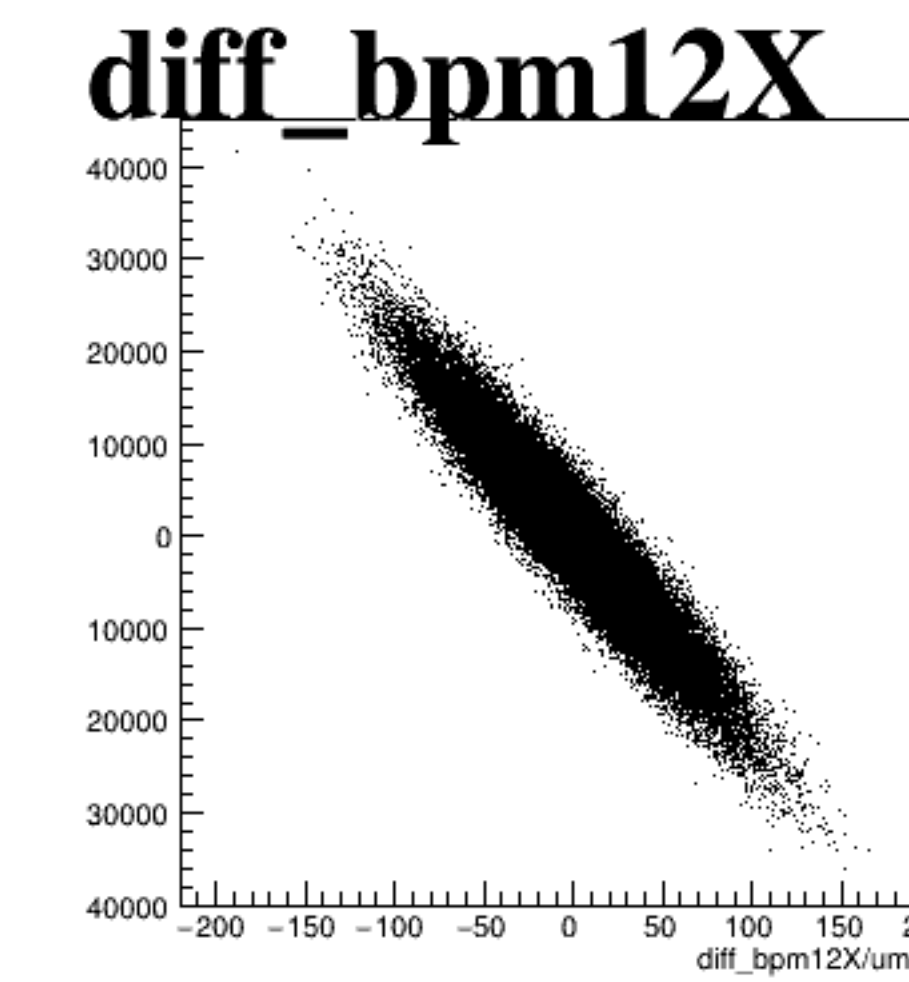
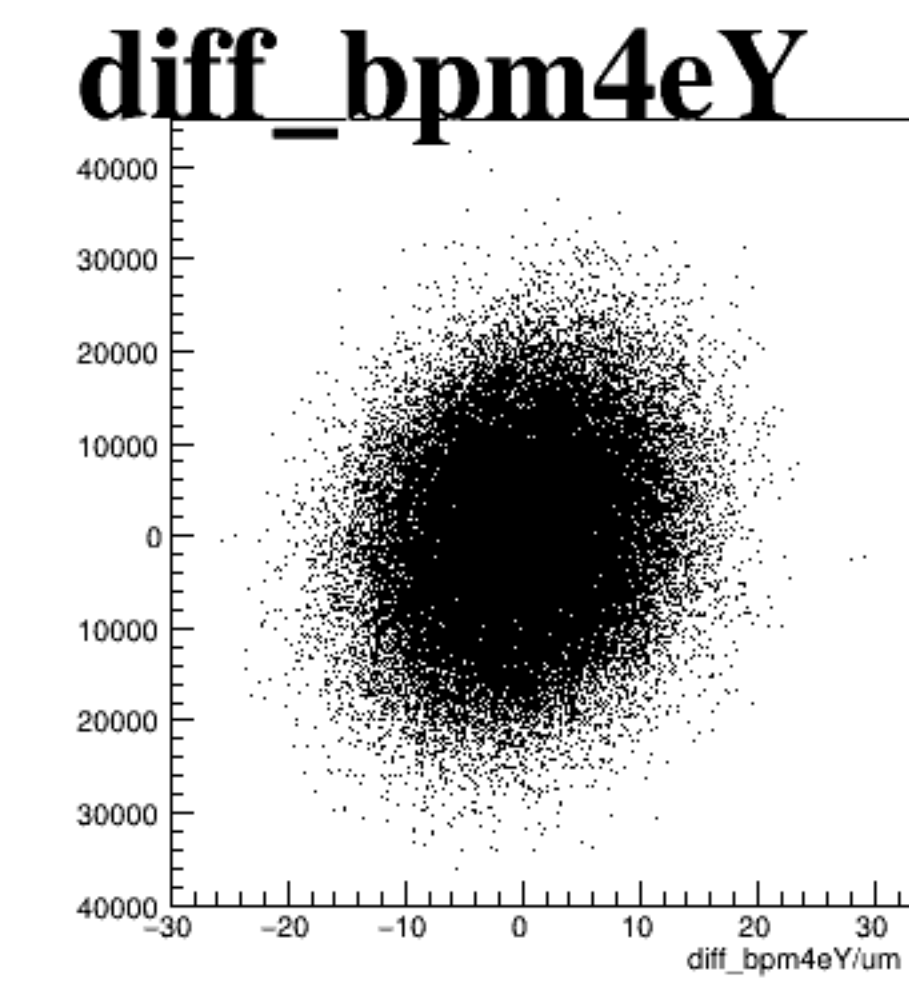
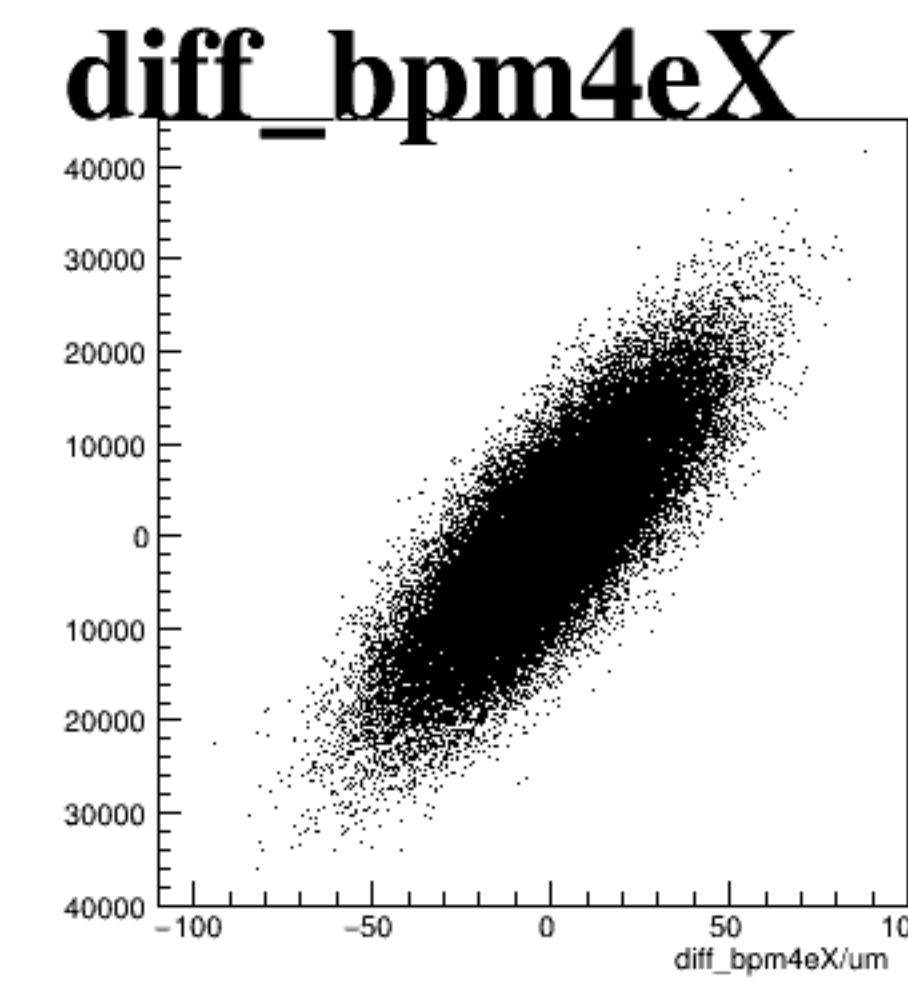
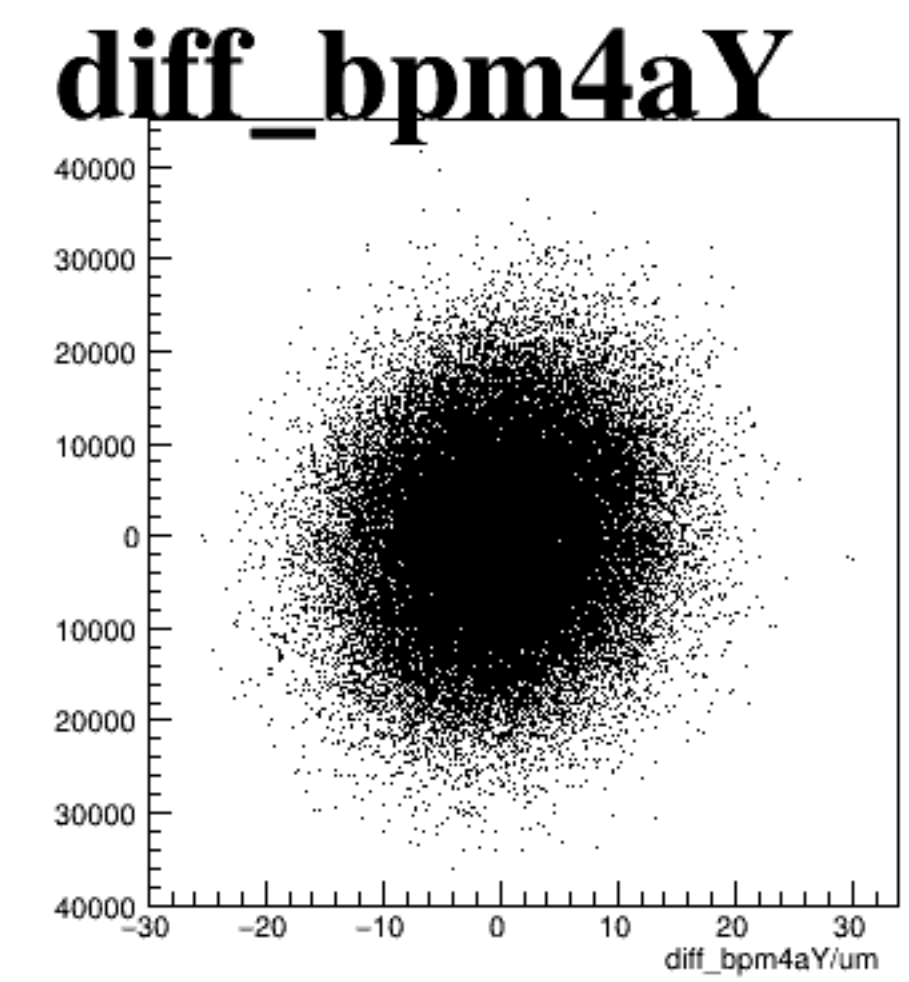
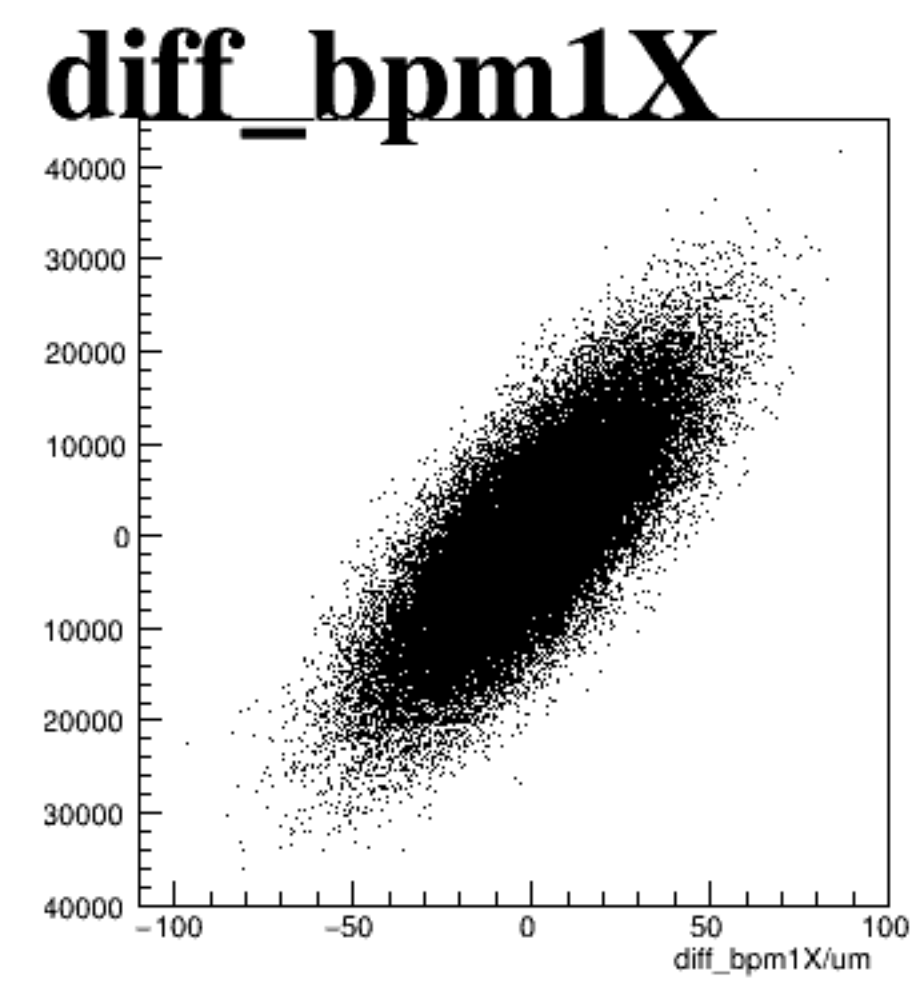
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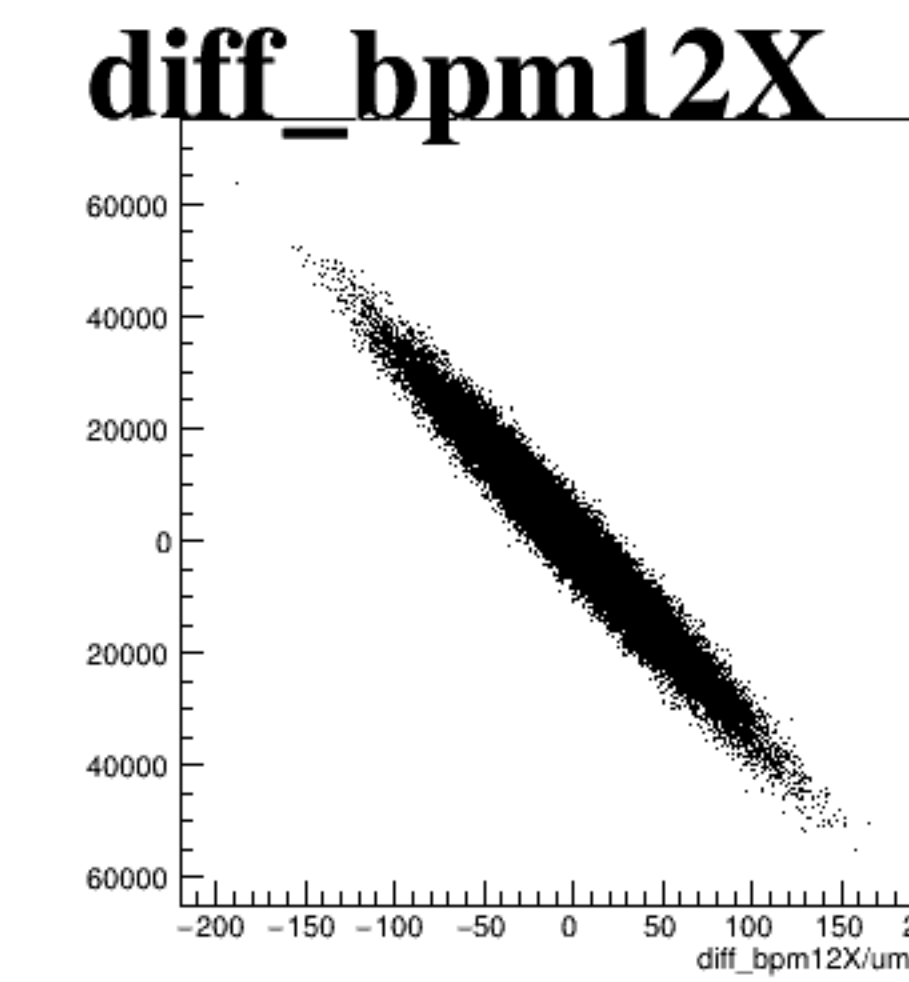
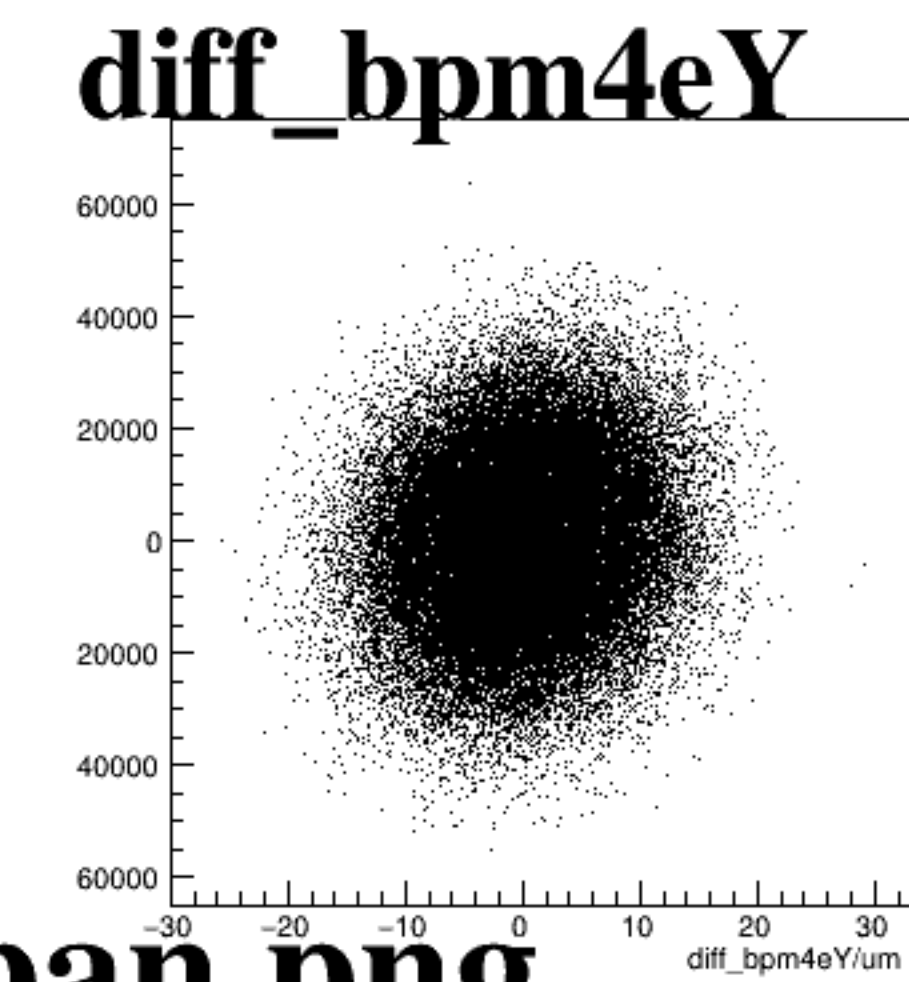
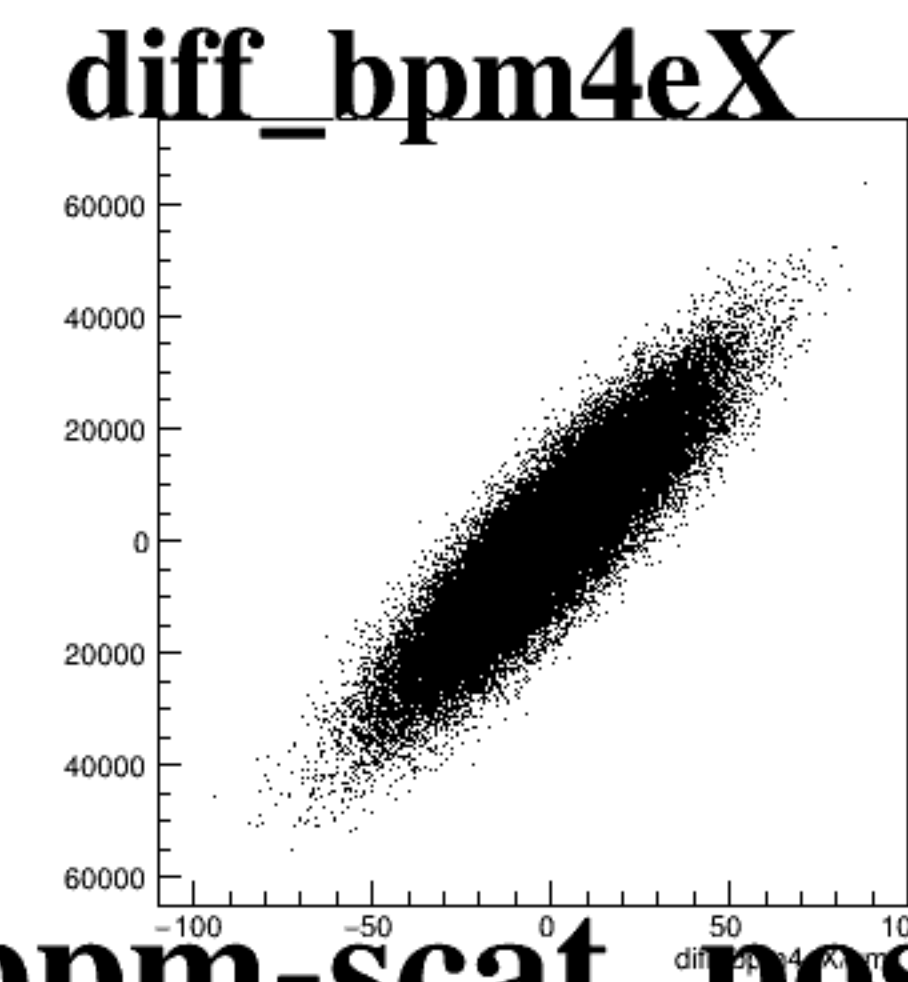
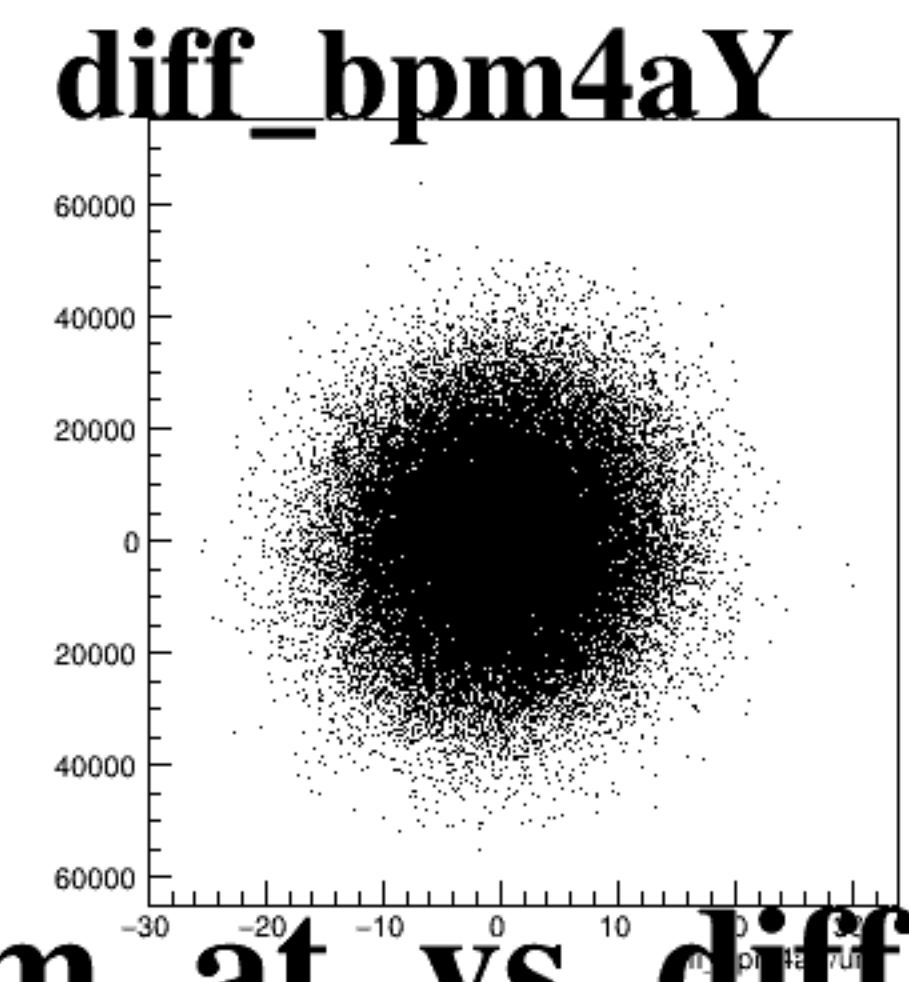
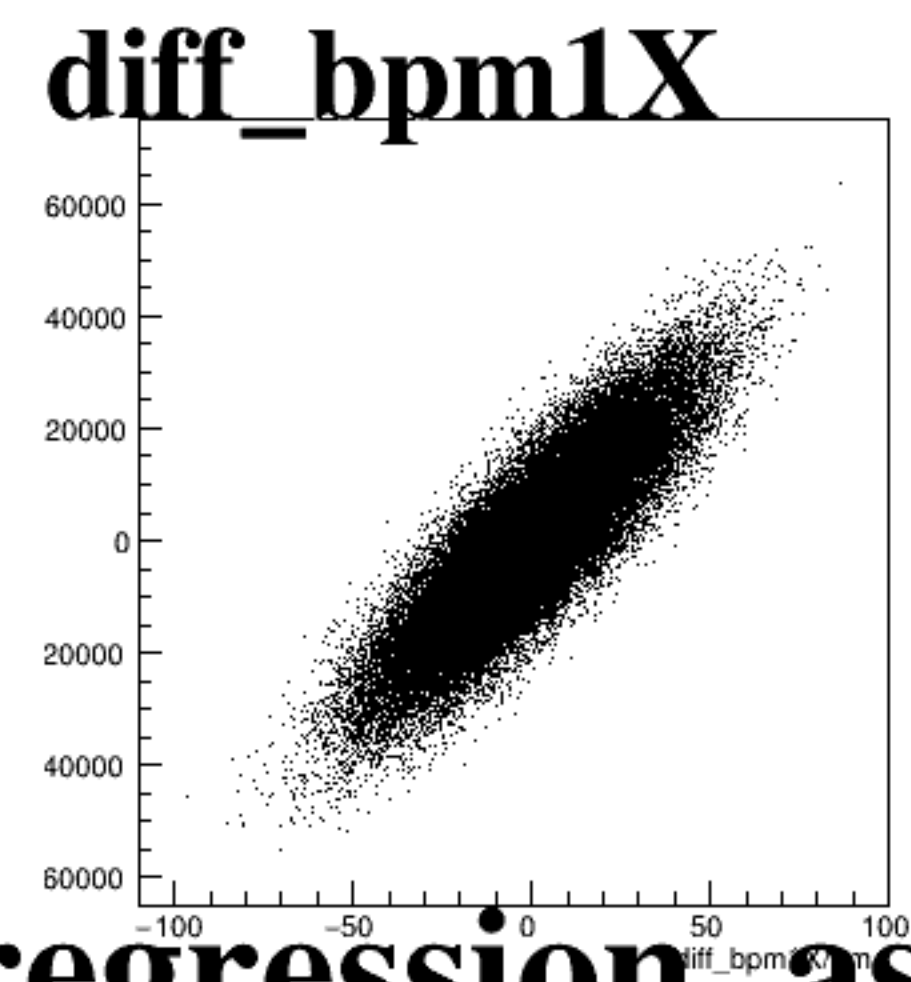
asym_atr1



asym_atl2



asym_atr2



The figure displays five scatter plots, each showing the difference in BPM (diff_bpm) for various beam parameters. The plots are arranged horizontally. Each plot has a y-axis ranging from -10000 to 10000 and an x-axis ranging from -100 to 100. The data points are densely packed in a circular pattern centered around (0,0). The plots are labeled as follows:

- diff_bpm1X**: The x-axis is labeled `diff_bpm1X/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_bpm12X**: The x-axis is labeled `diff_bpm12X/um`.

The figure consists of five scatter plots arranged horizontally, each showing the difference in position between two beam position monitors (BPMs) for X and Y coordinates. The plots are titled 'diff_bpm1X', 'diff_bpm4aY', 'diff_bpm4eX', 'diff_bpm4eY', and 'diff_bpm12X'. Each plot shows a dense cloud of points centered around zero, indicating a high degree of agreement between the two systems. The x-axis for each plot is labeled with the difference in position (e.g., 'diff_bpm1X/um') and the y-axis is labeled with the difference in position (e.g., 'diff_bpm1X/um'). The axes range from -100 to 100 for X and -5000 to 5000 for Y.

The figure consists of five scatter plots arranged horizontally, each showing the relationship between regression residuals and the difference in beam parameters (bpm) for a specific beam. The plots are titled as follows:

- diff_bpm1X**: The x-axis ranges from -100 to 100, and the y-axis (residuals) ranges from -10000 to 10000.
- diff_bpm4aY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -10000 to 10000.
- diff_bpm4eX**: The x-axis ranges from -100 to 100, and the y-axis ranges from -10000 to 10000.
- diff_bpm4eY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -10000 to 10000.
- diff_bpm12X**: The x-axis ranges from -200 to 200, and 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 residuals are randomly distributed around zero across the range of bpm differences.