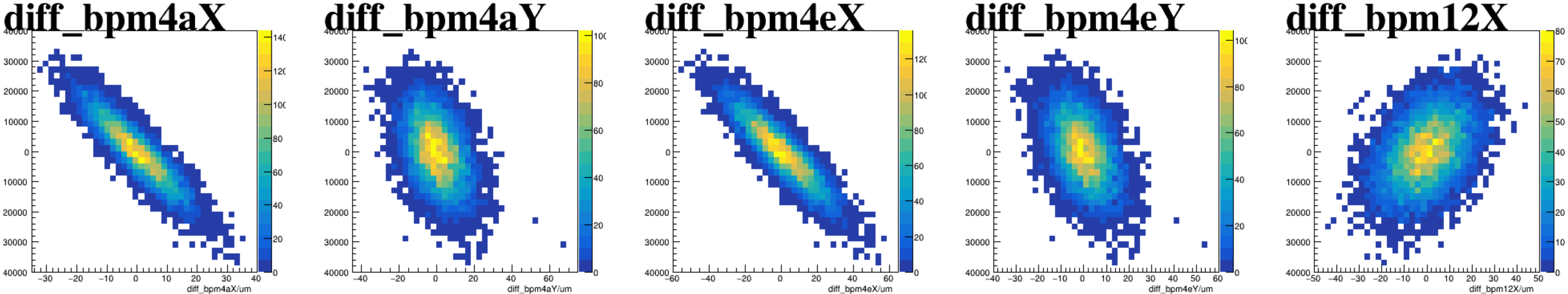
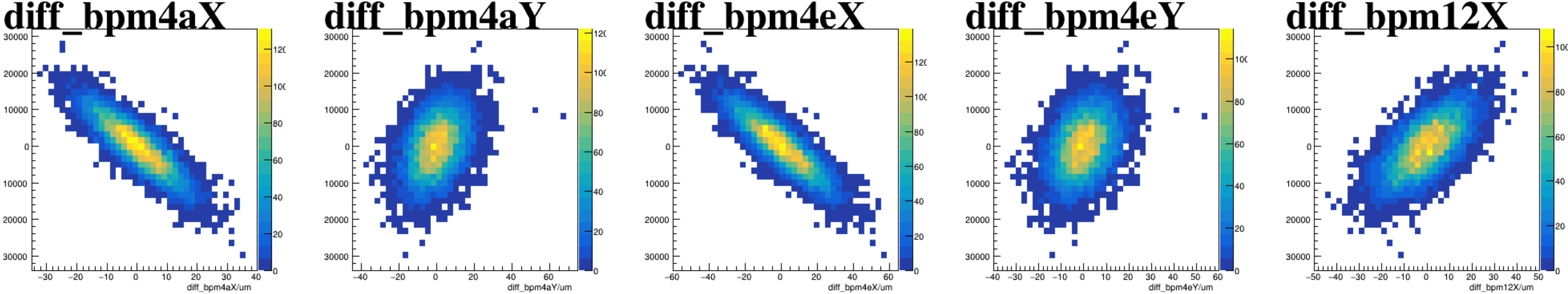


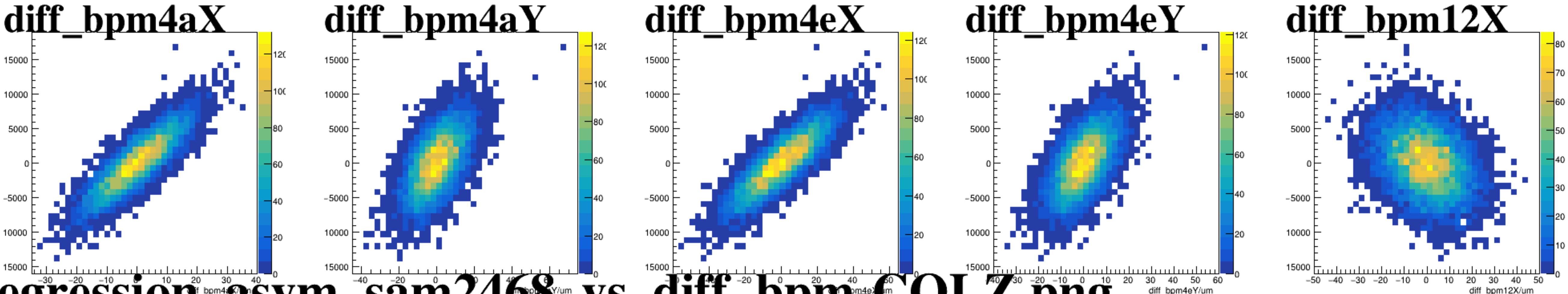
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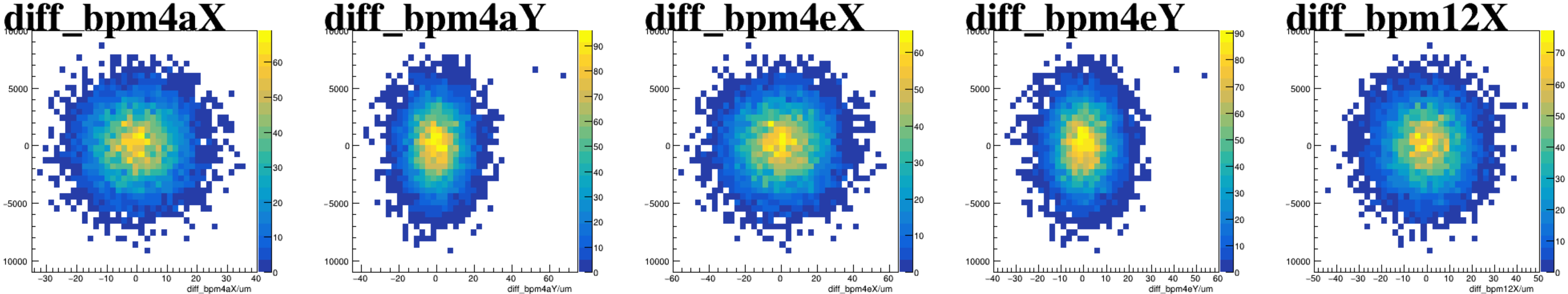
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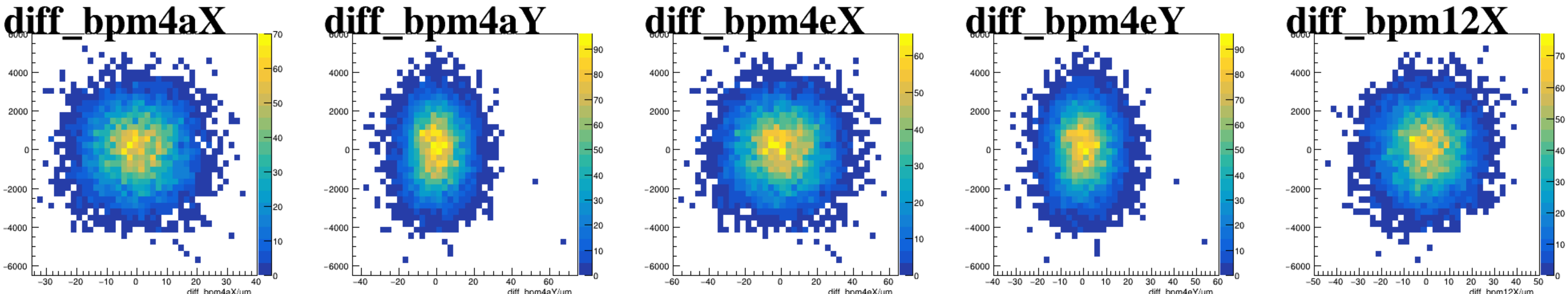
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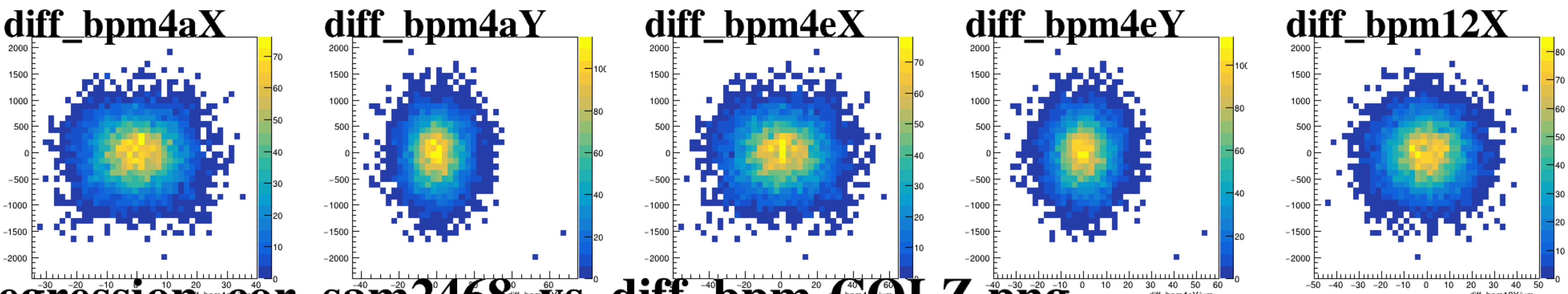
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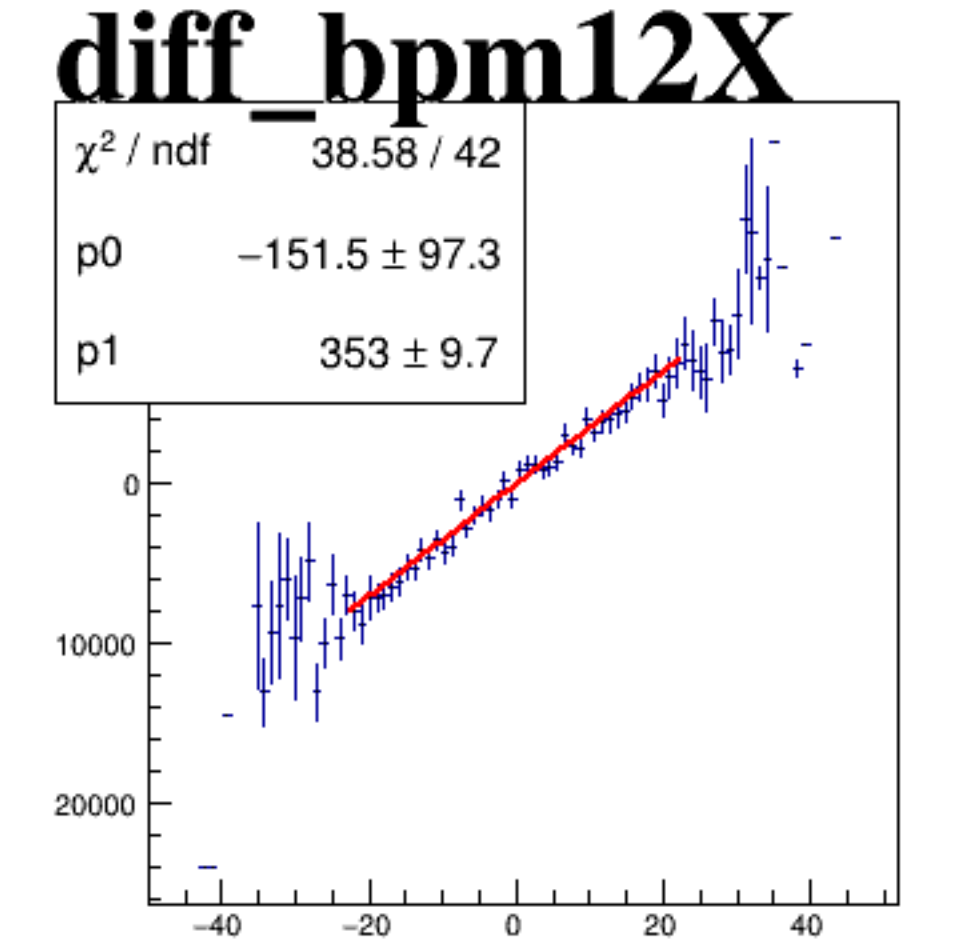
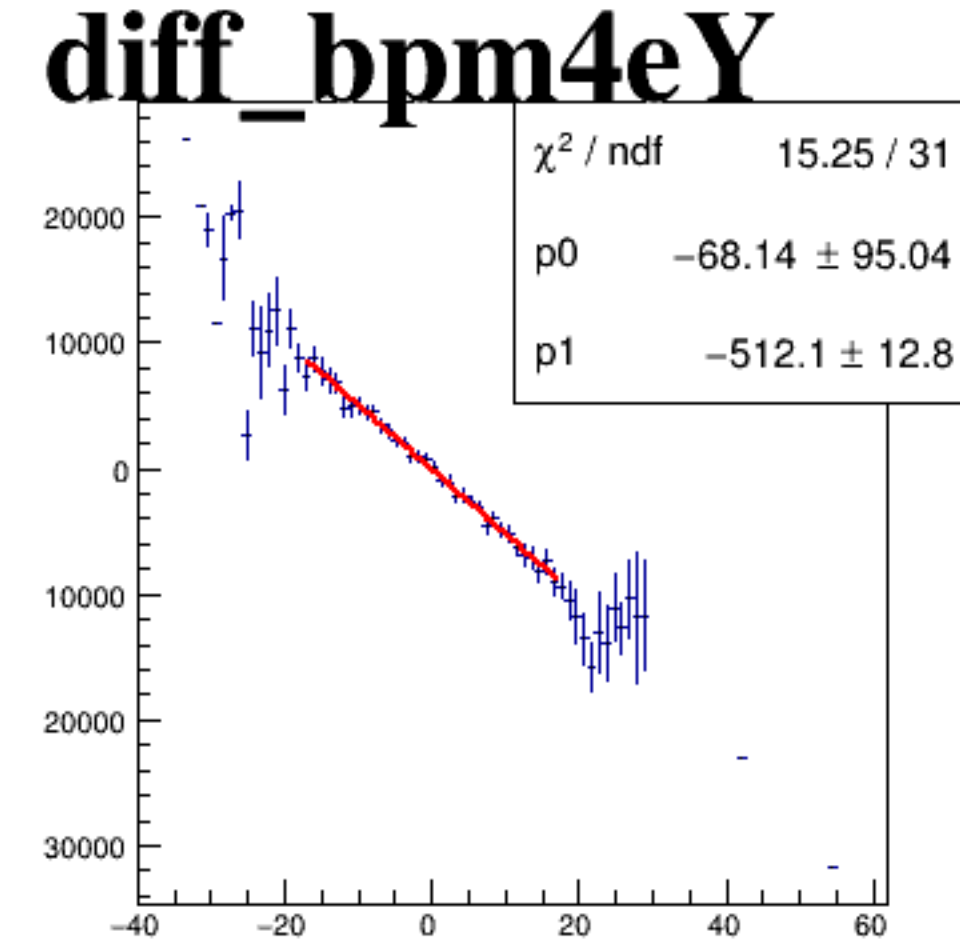
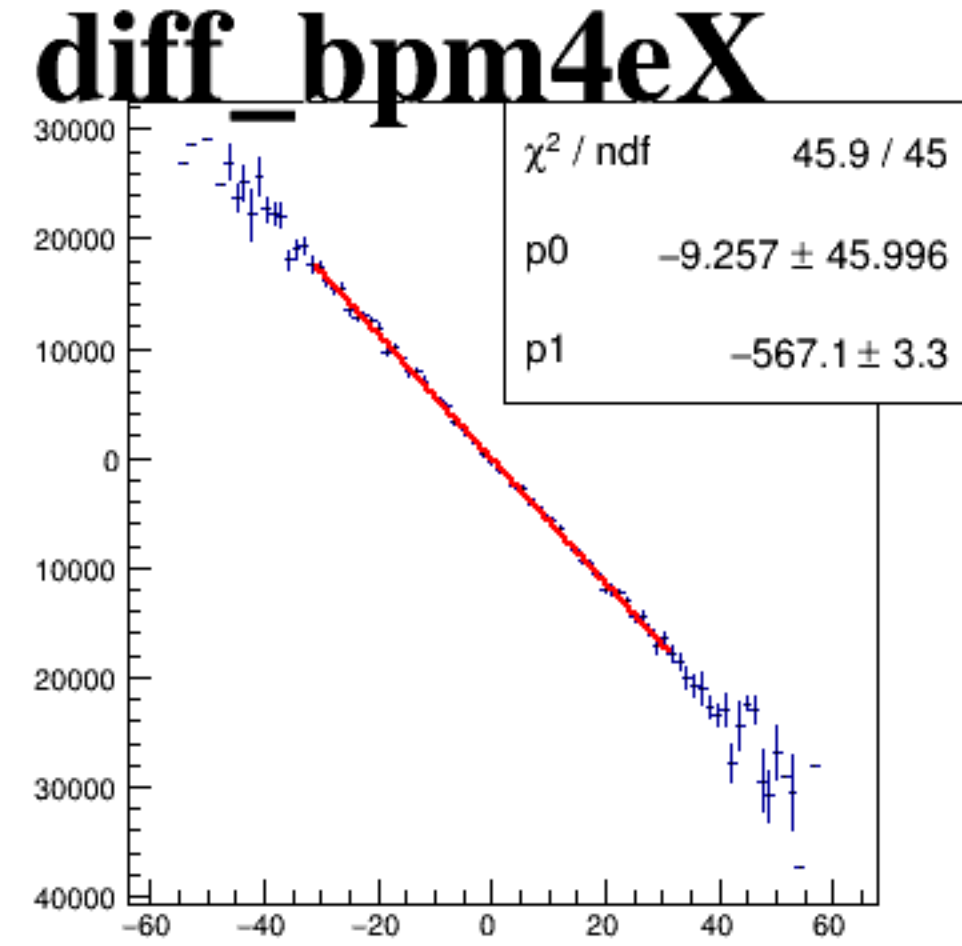
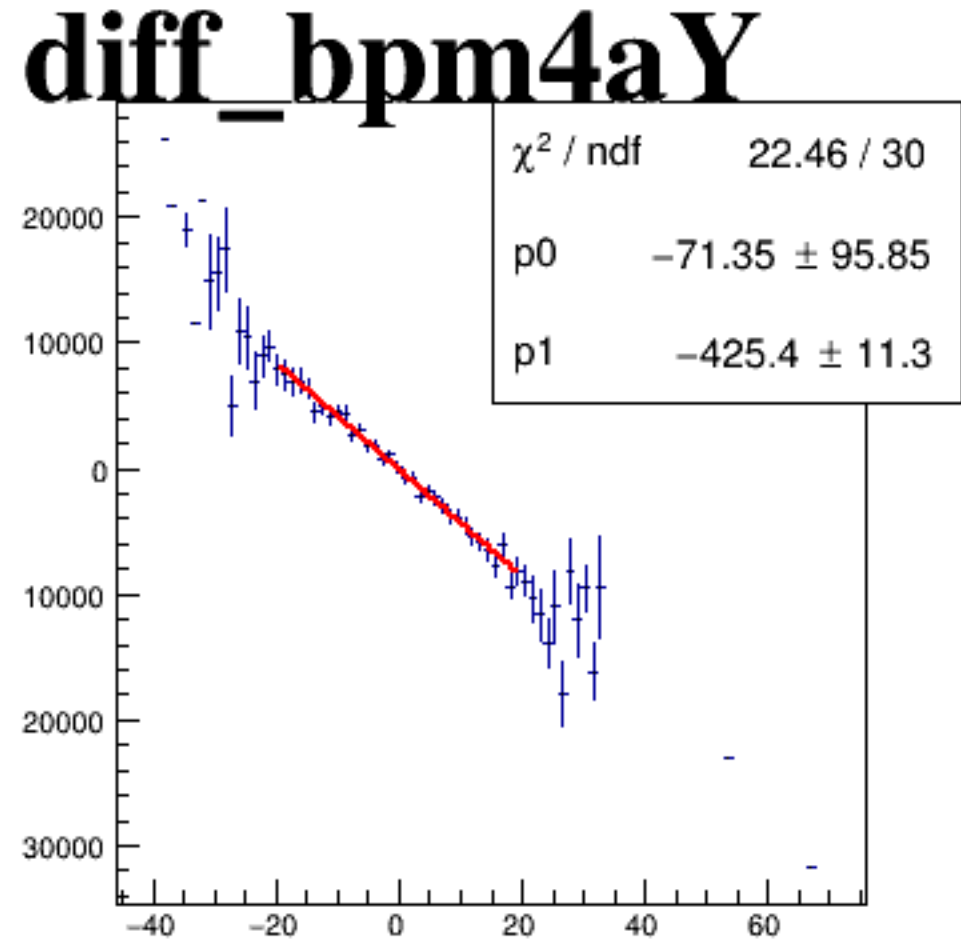
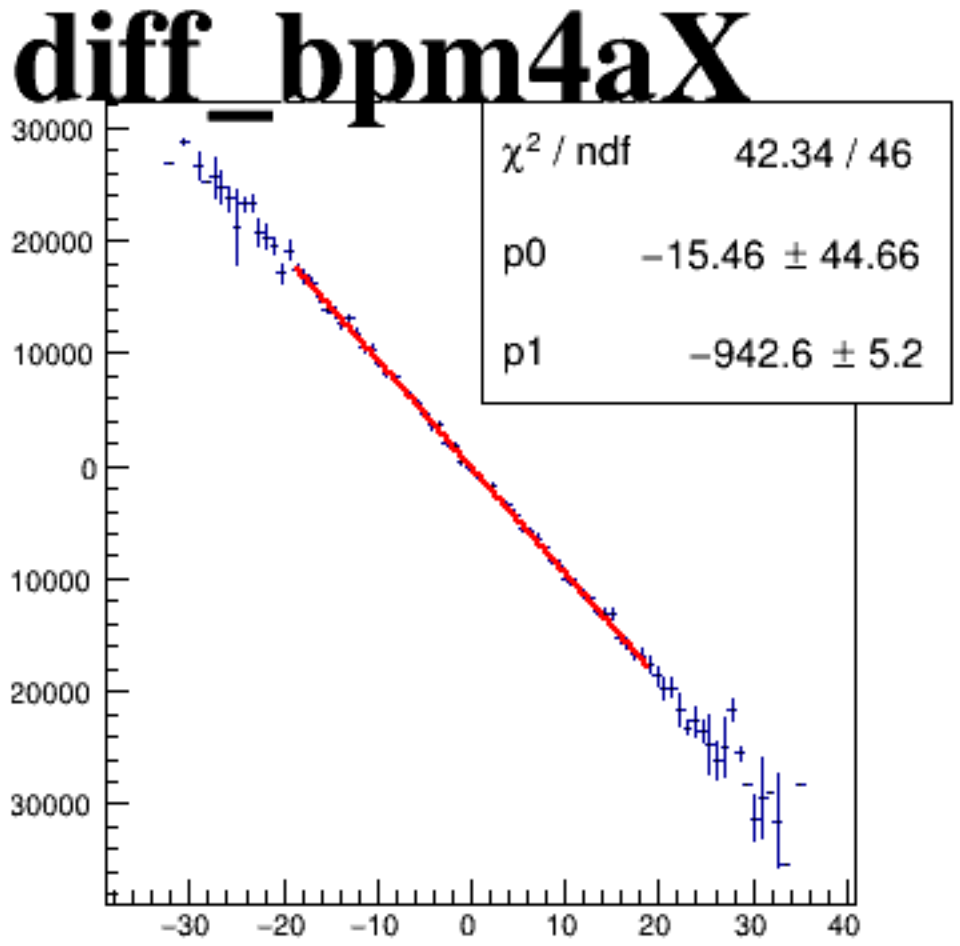
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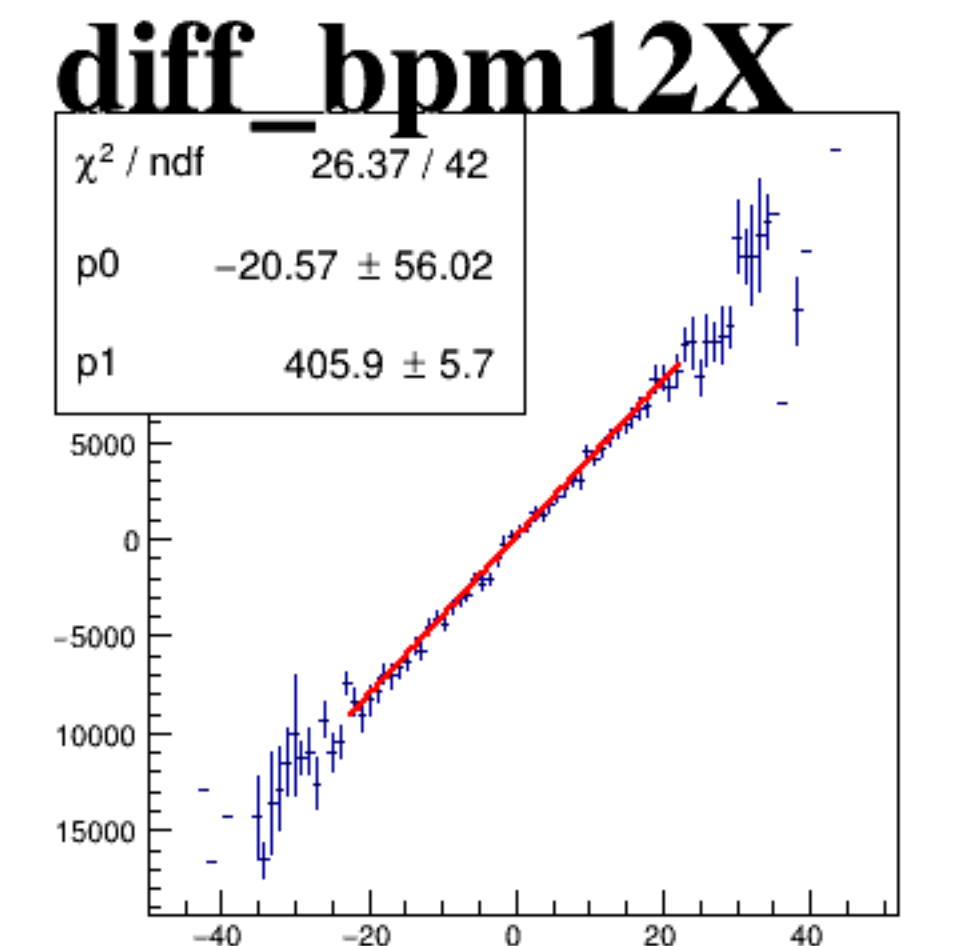
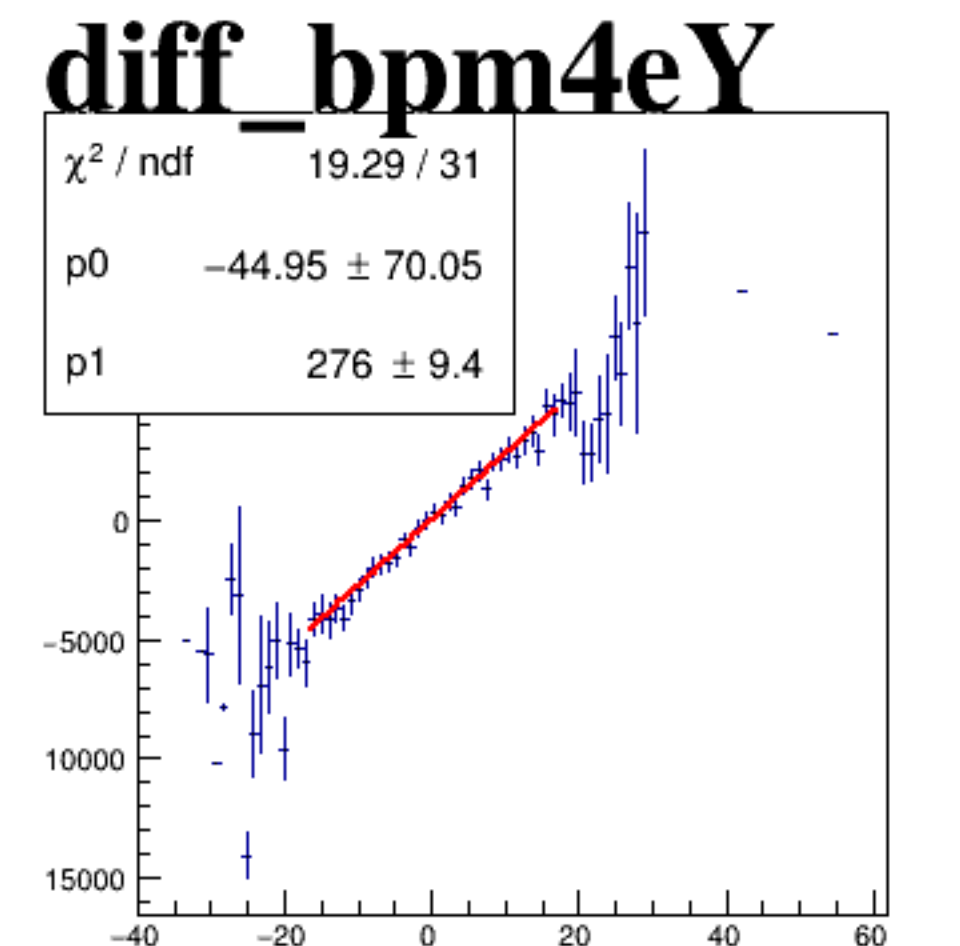
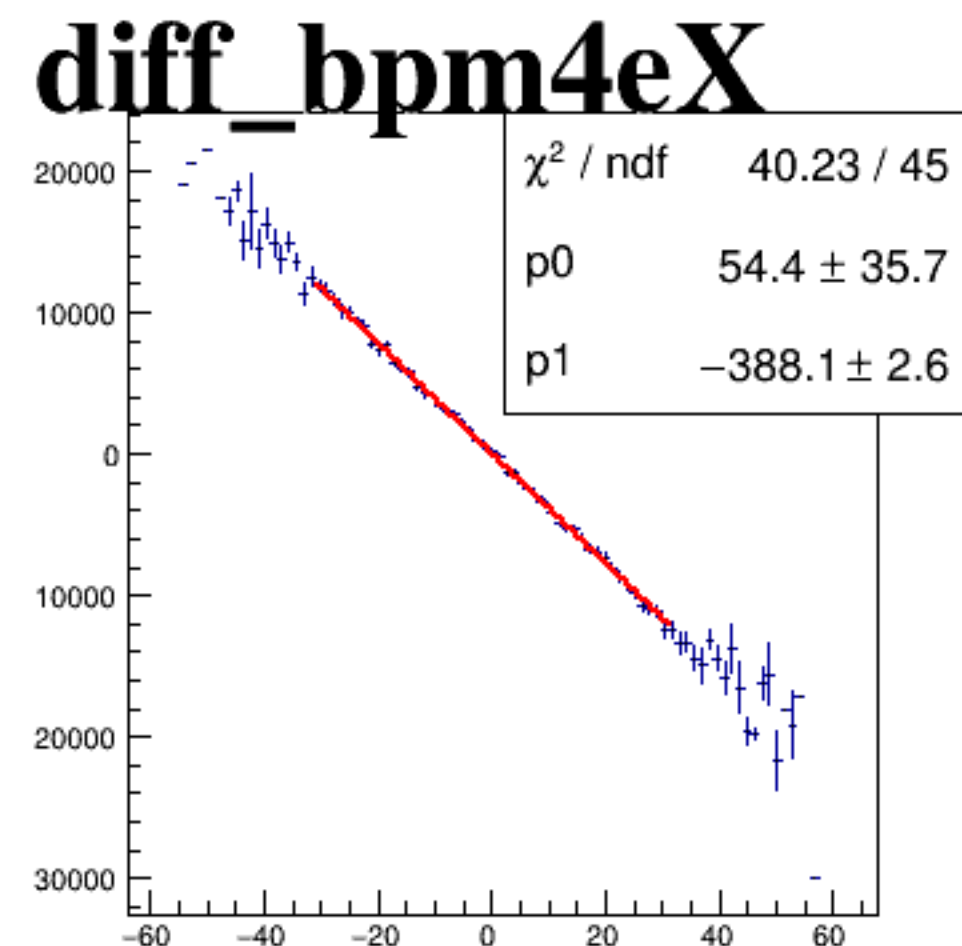
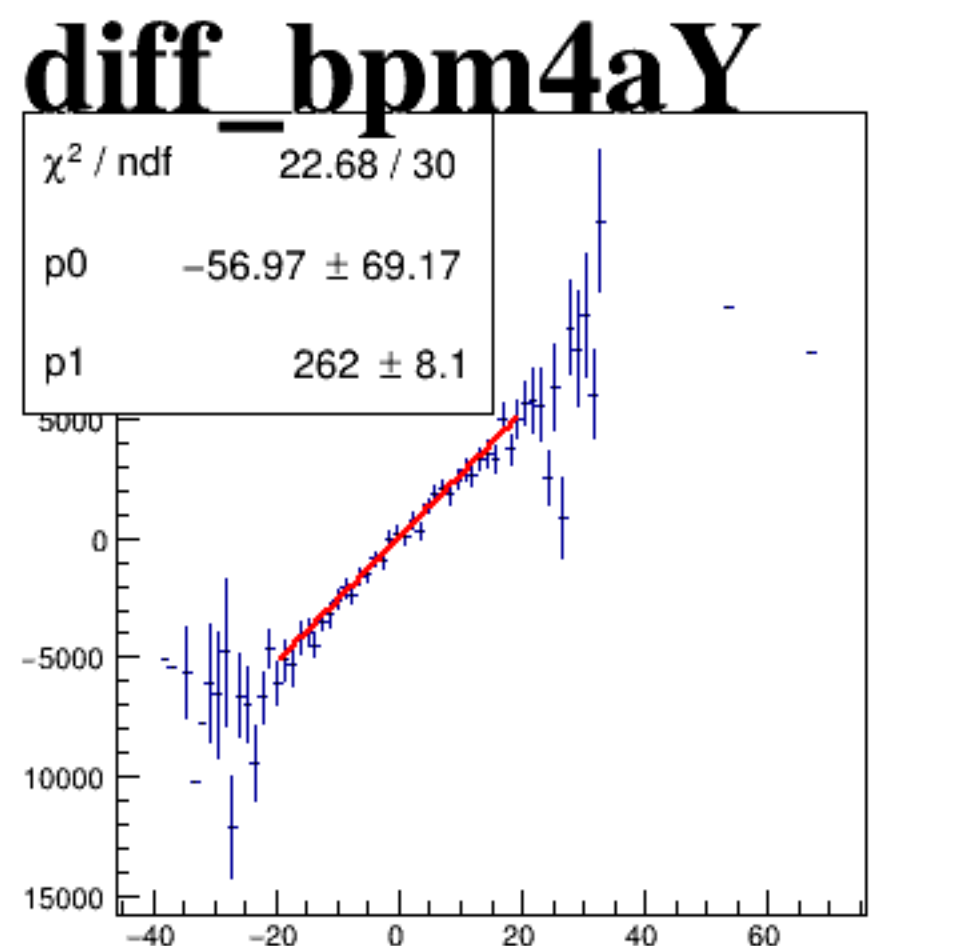
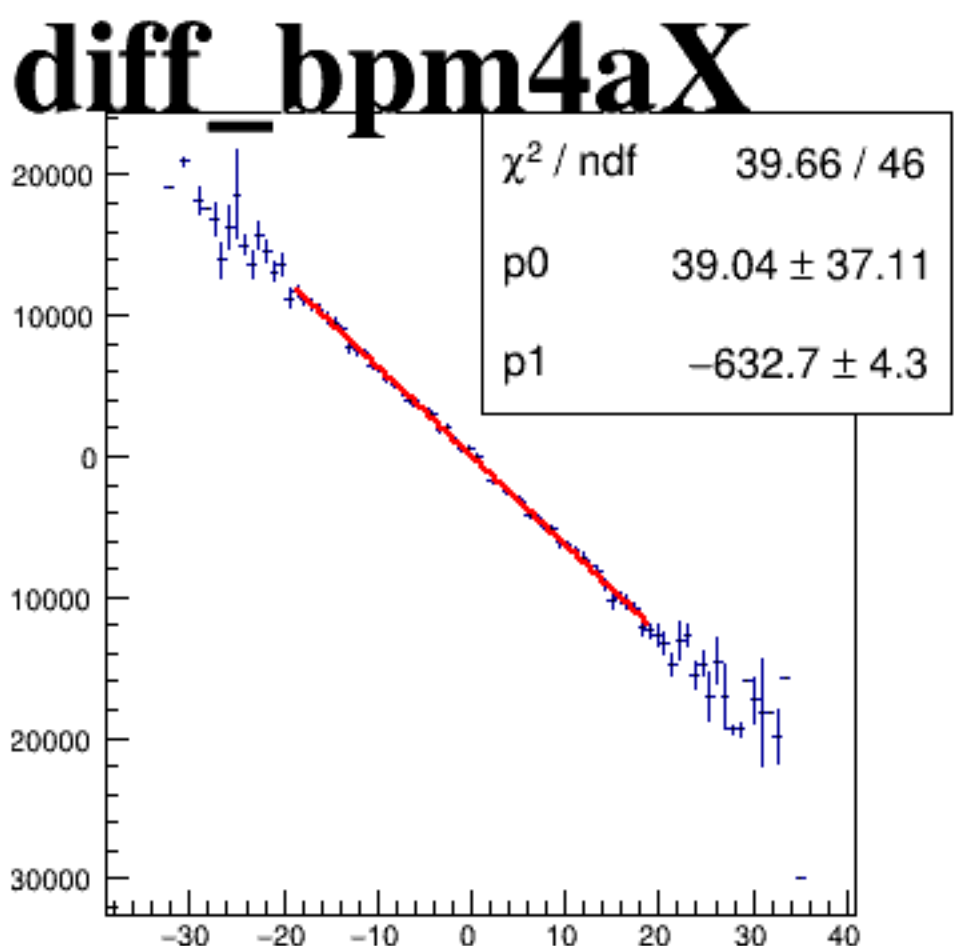
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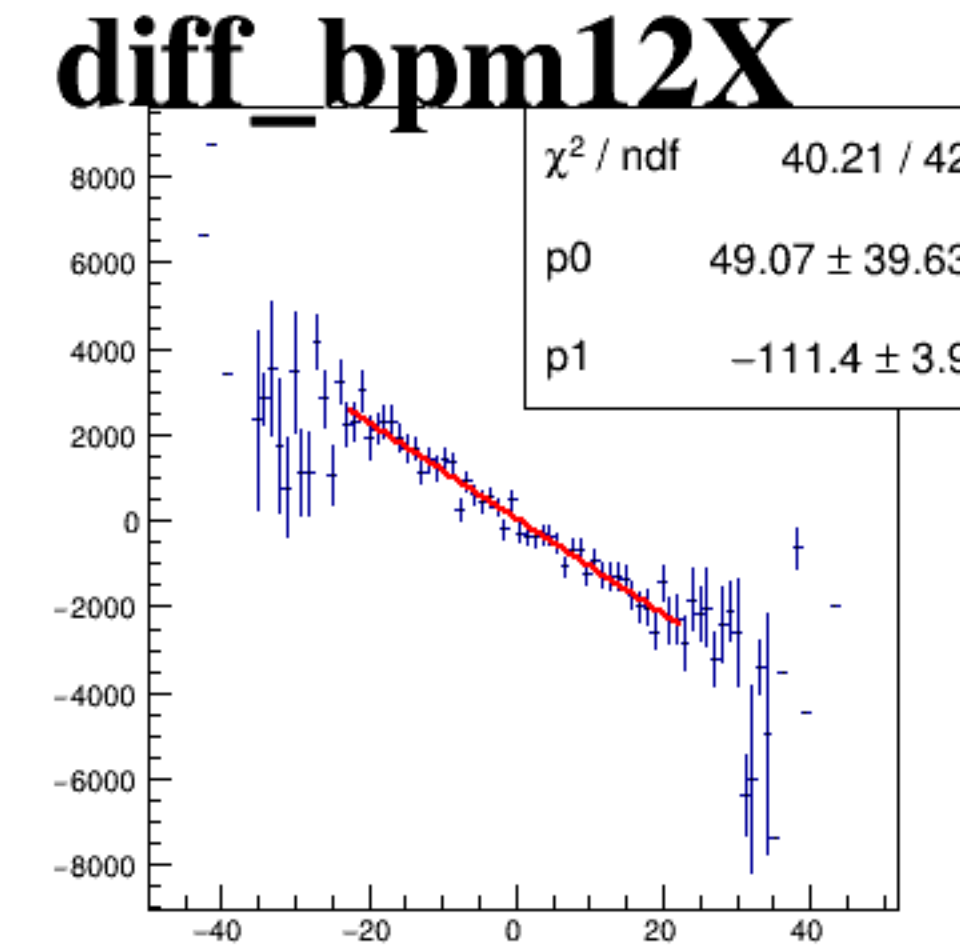
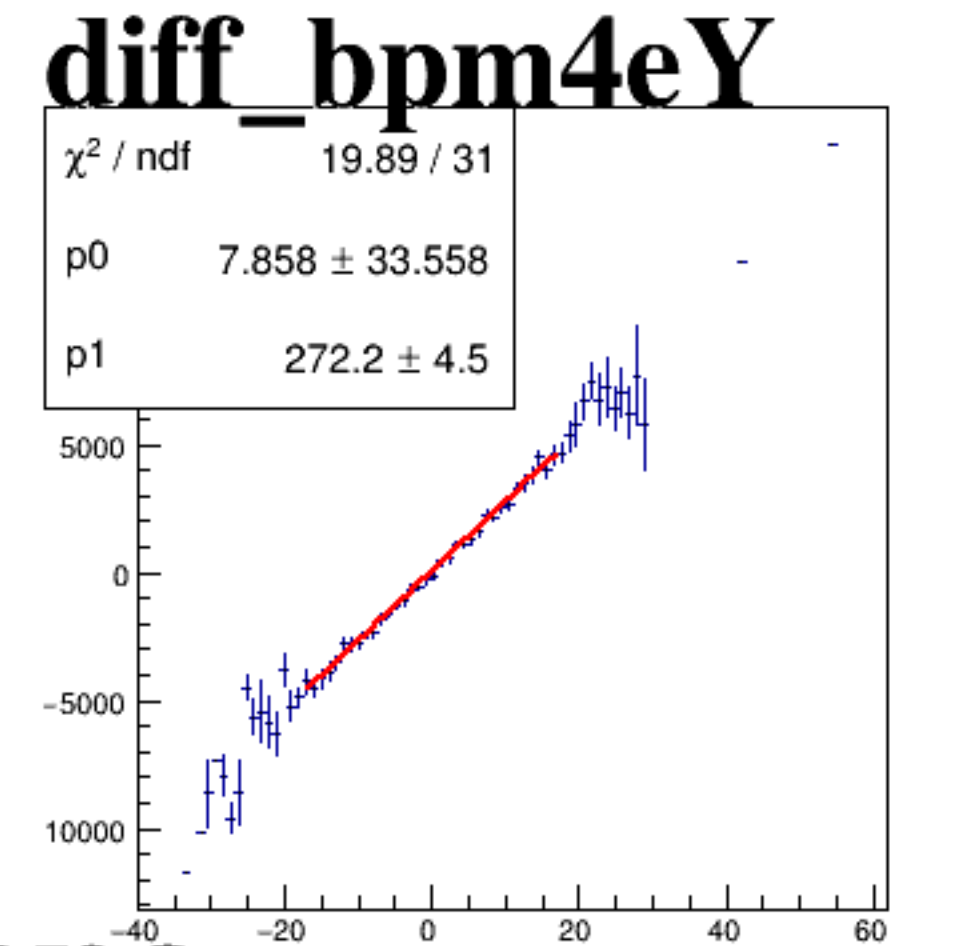
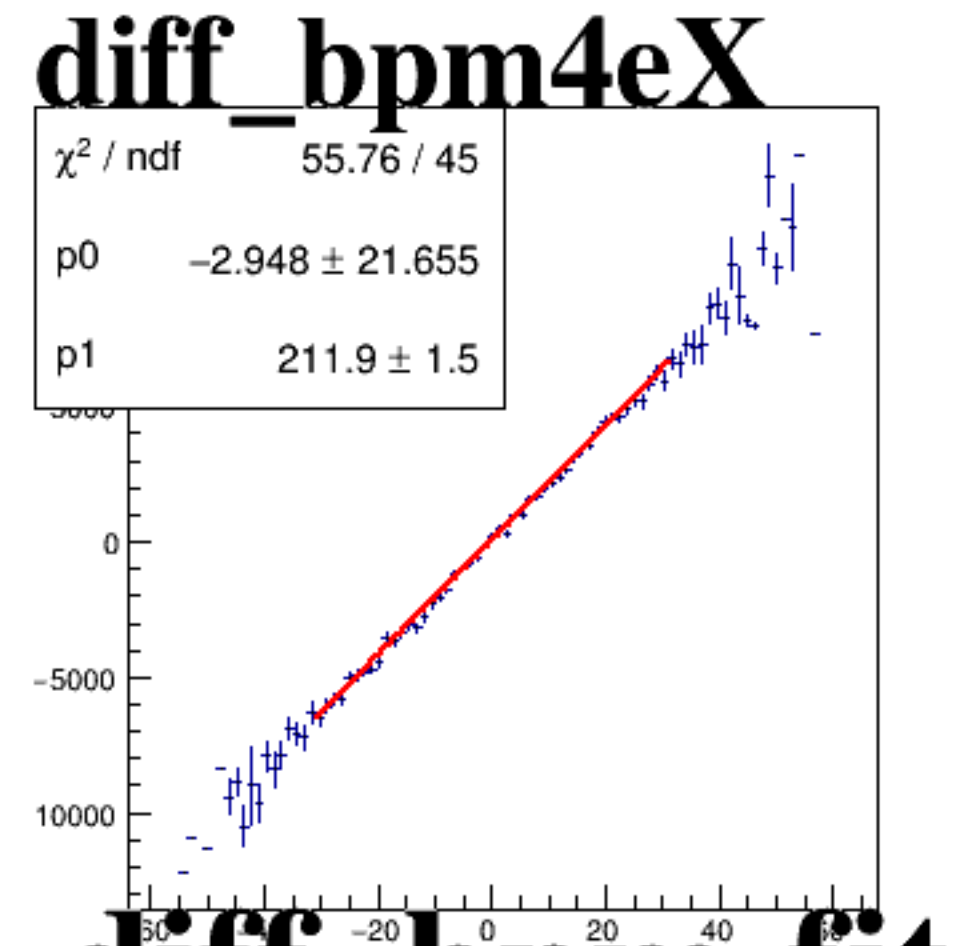
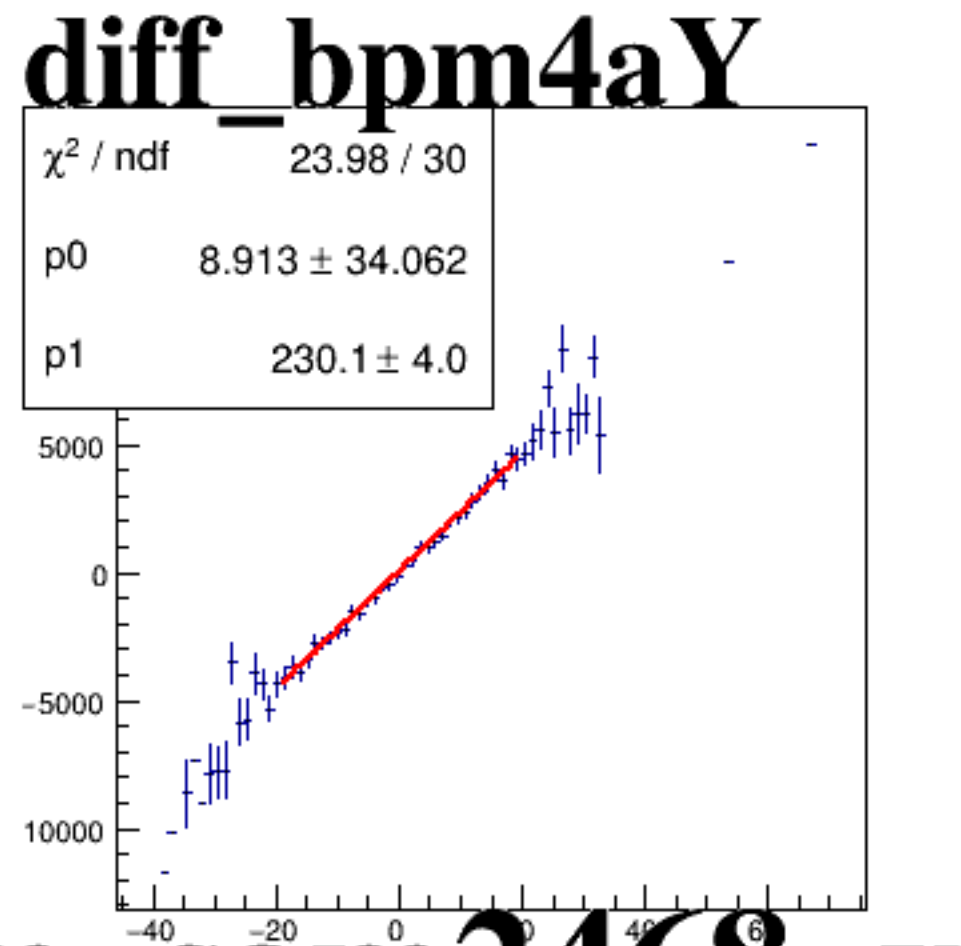
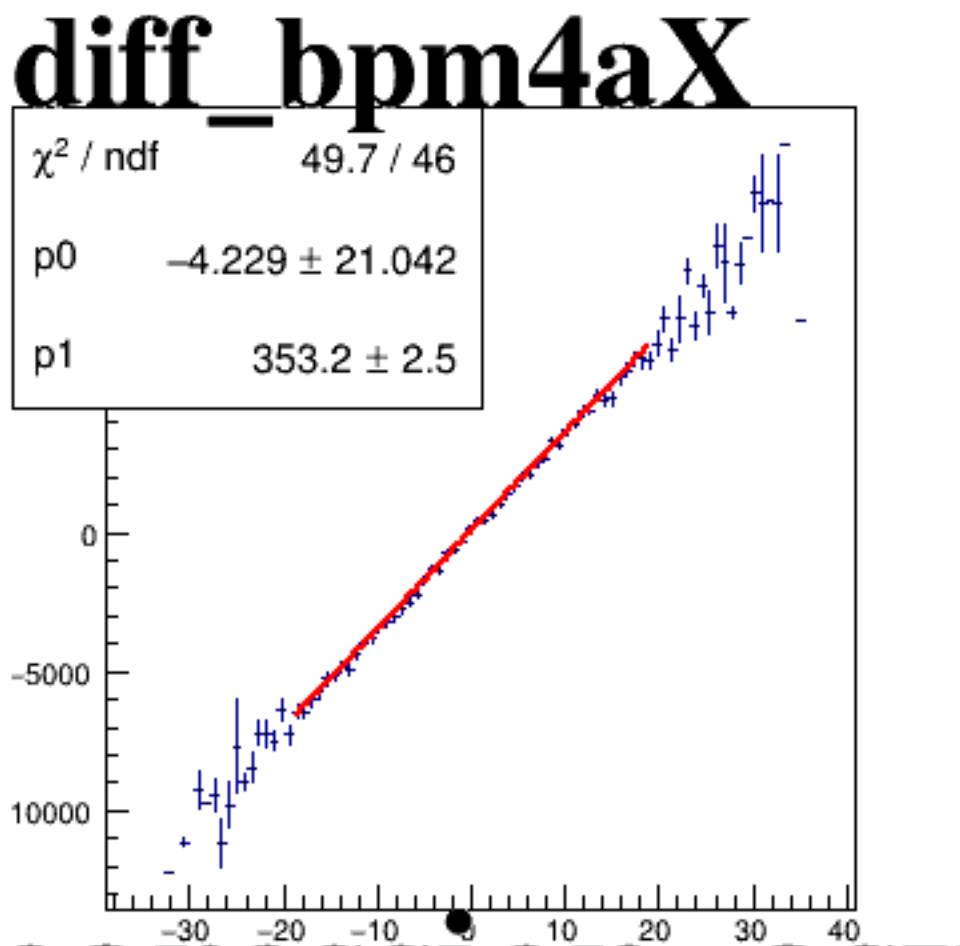
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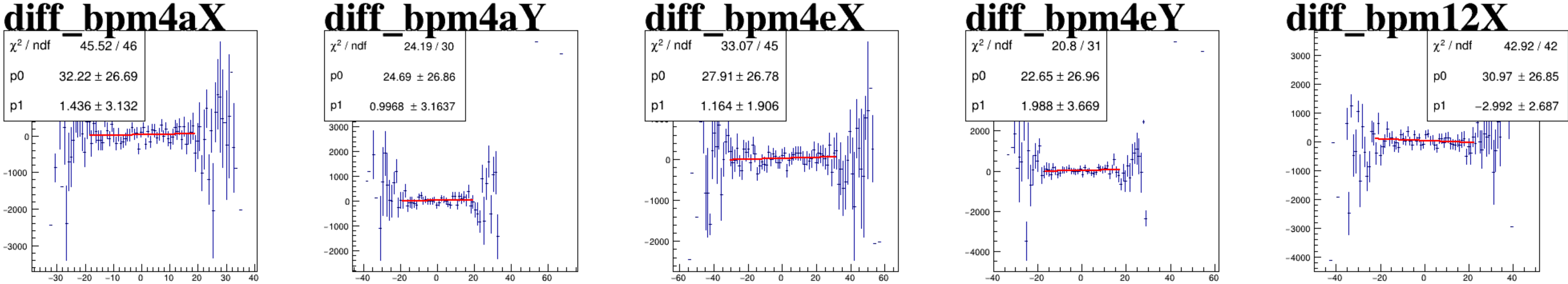
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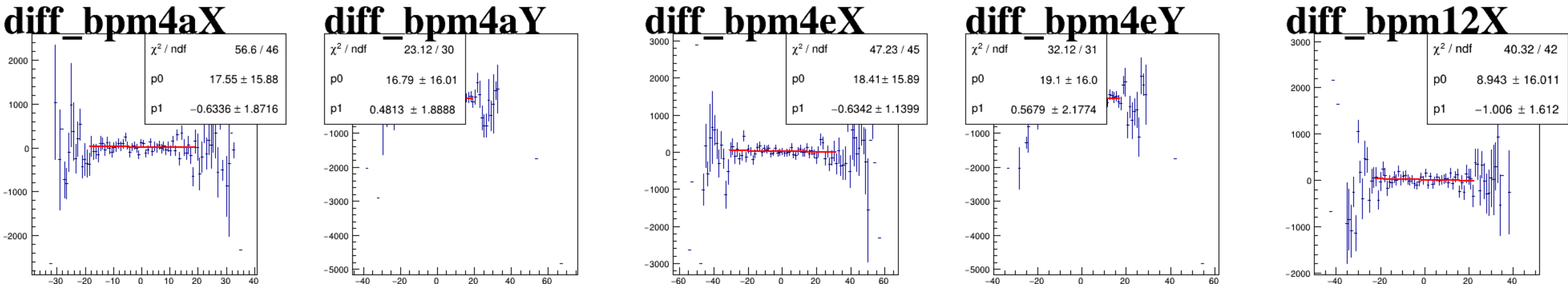
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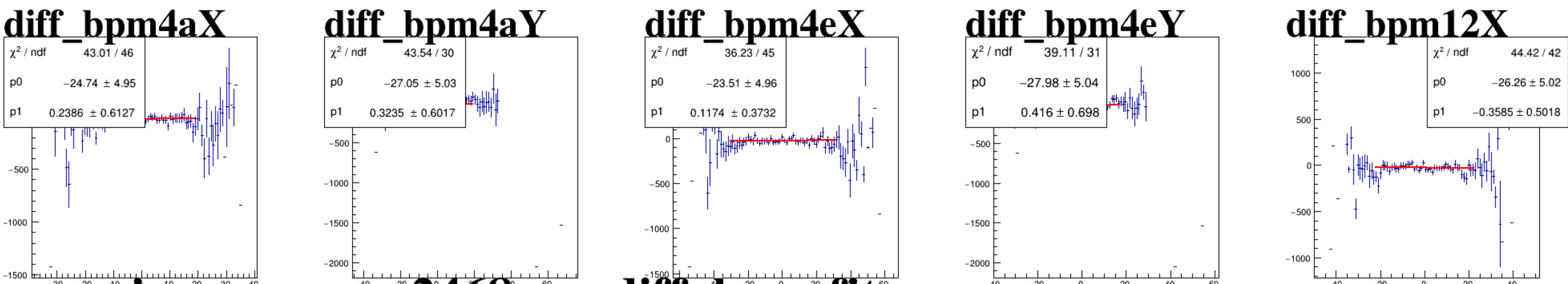
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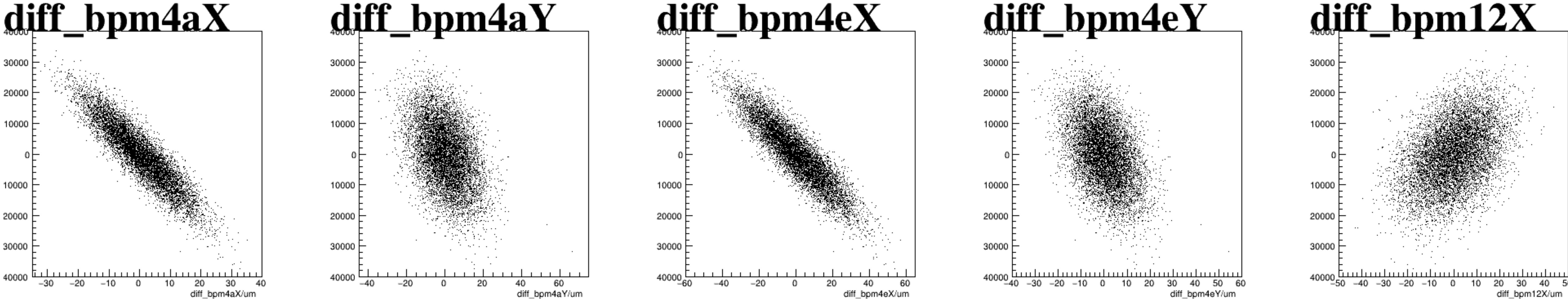
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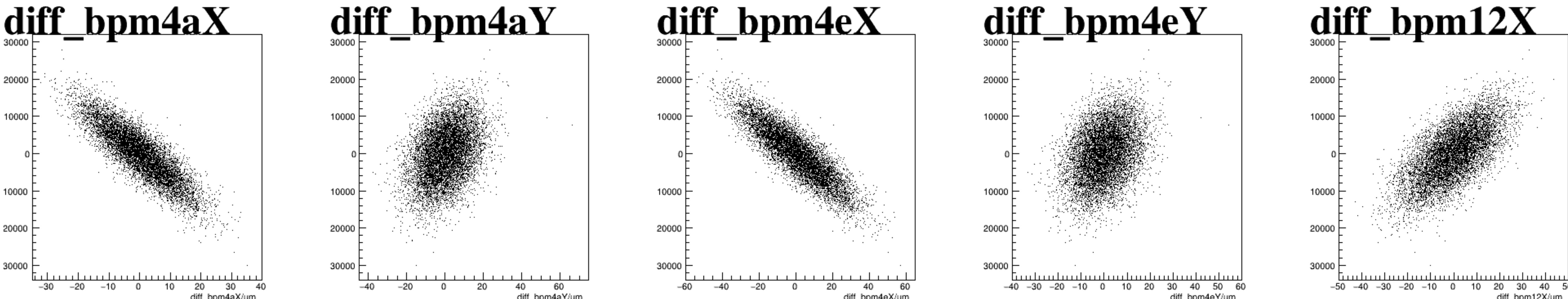
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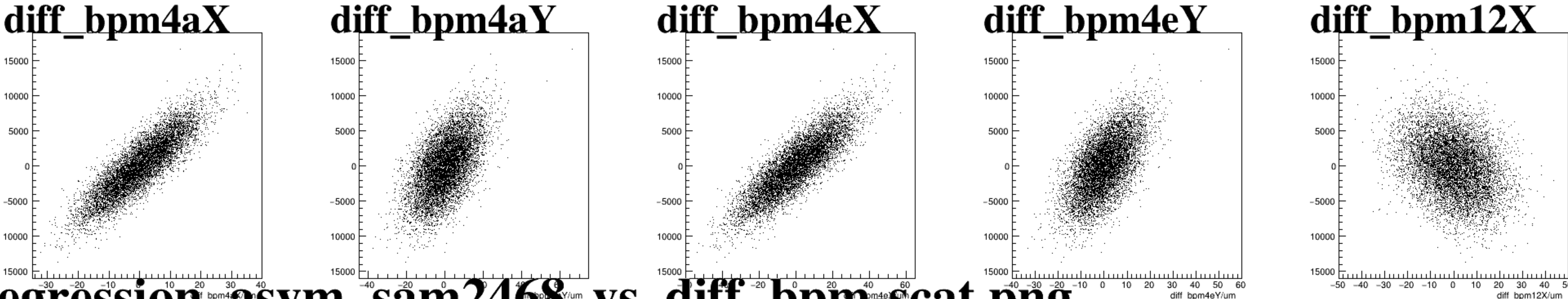
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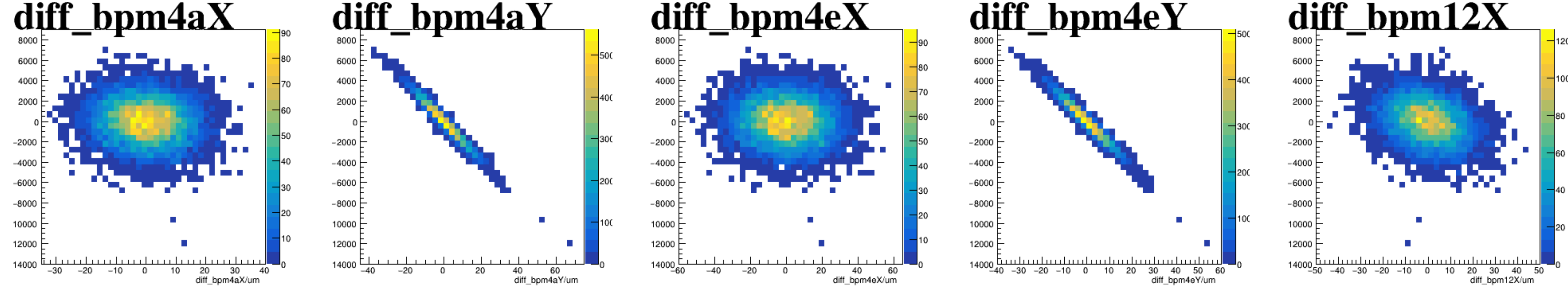
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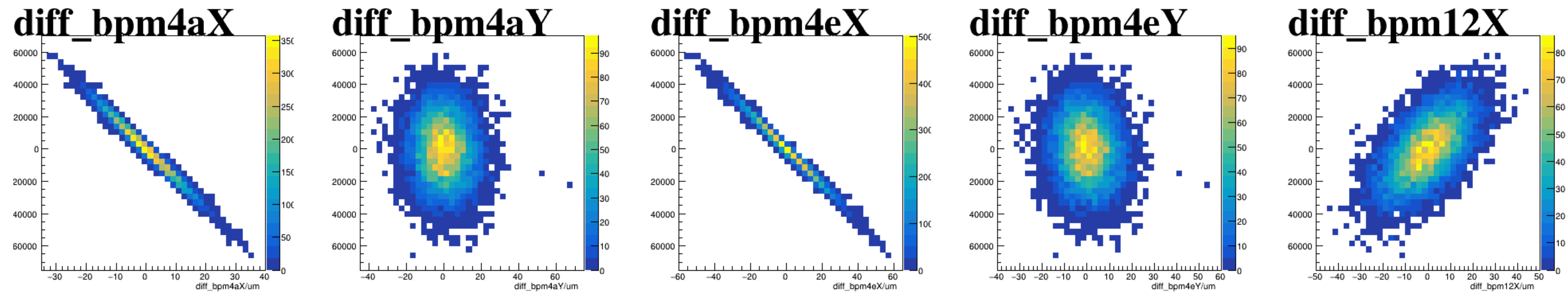
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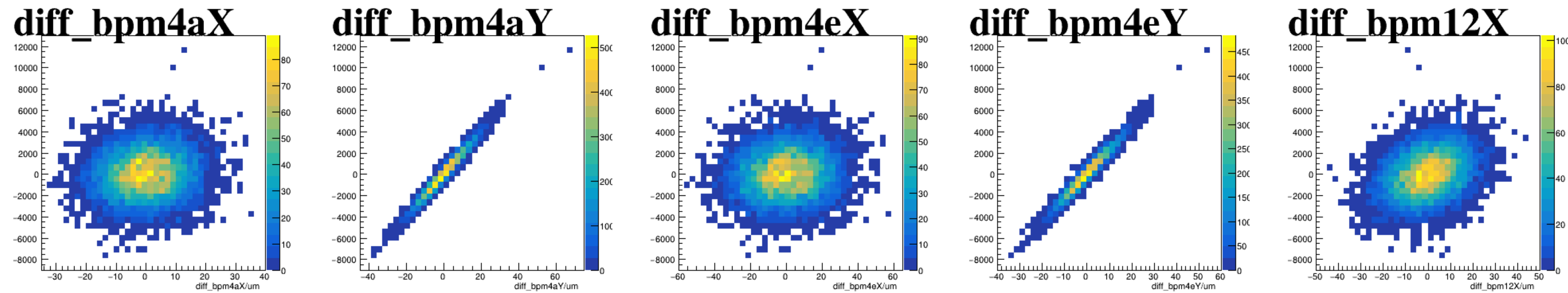
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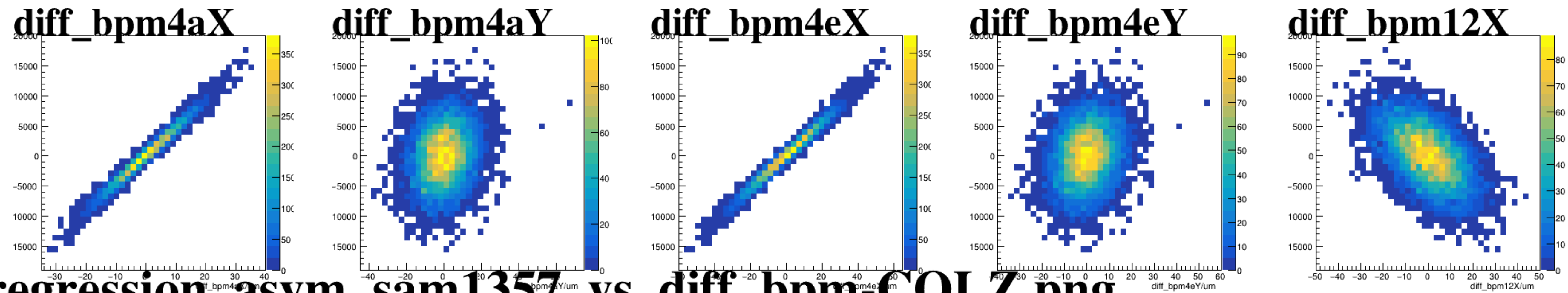
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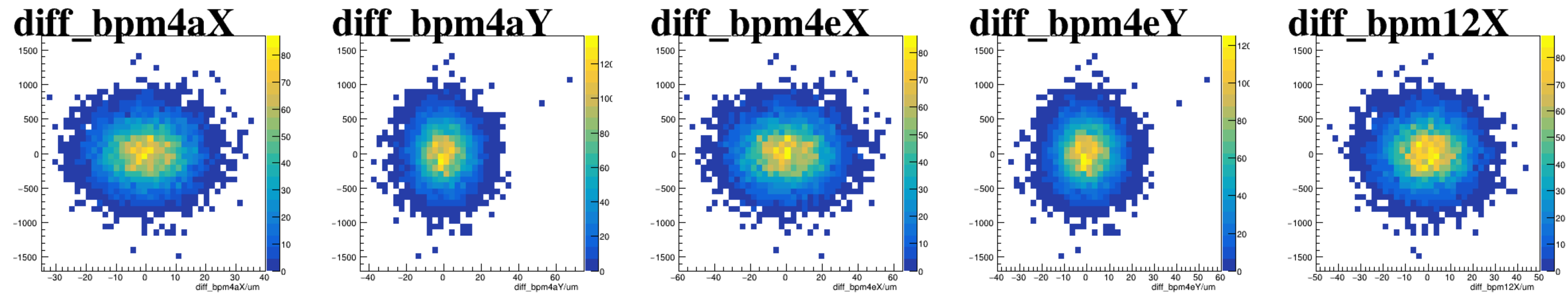
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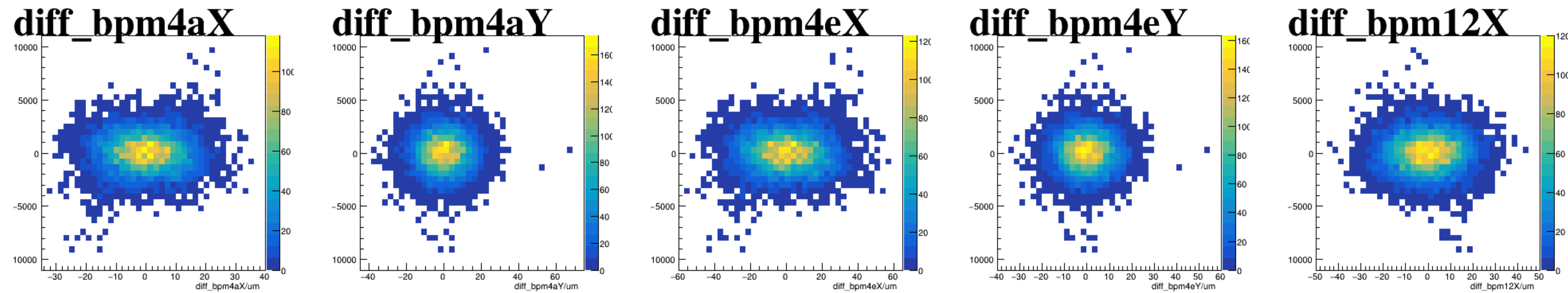
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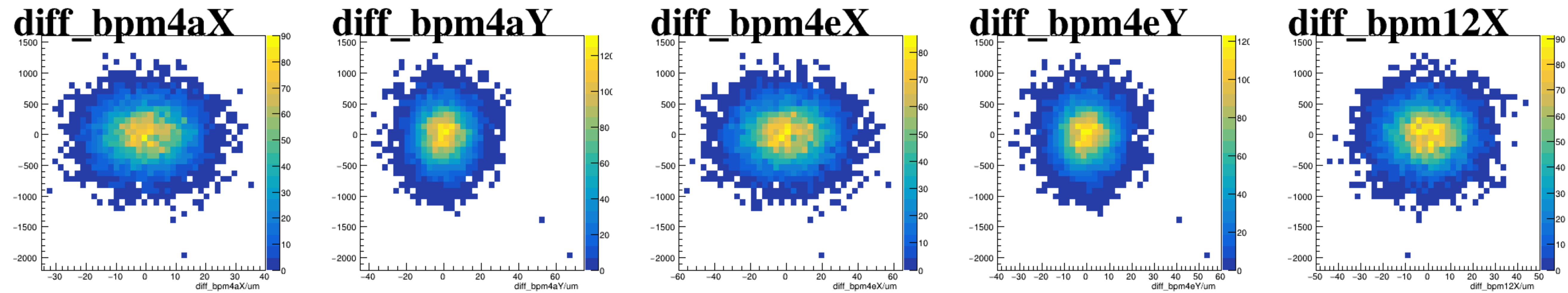
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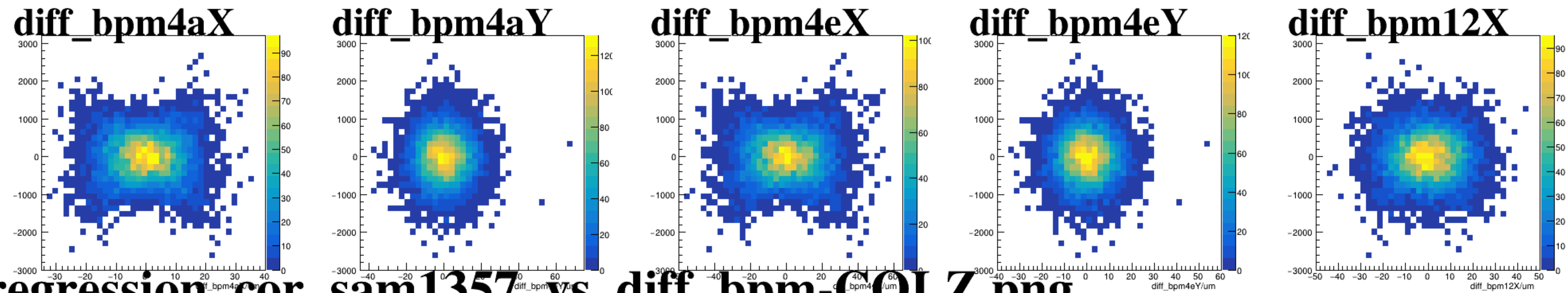
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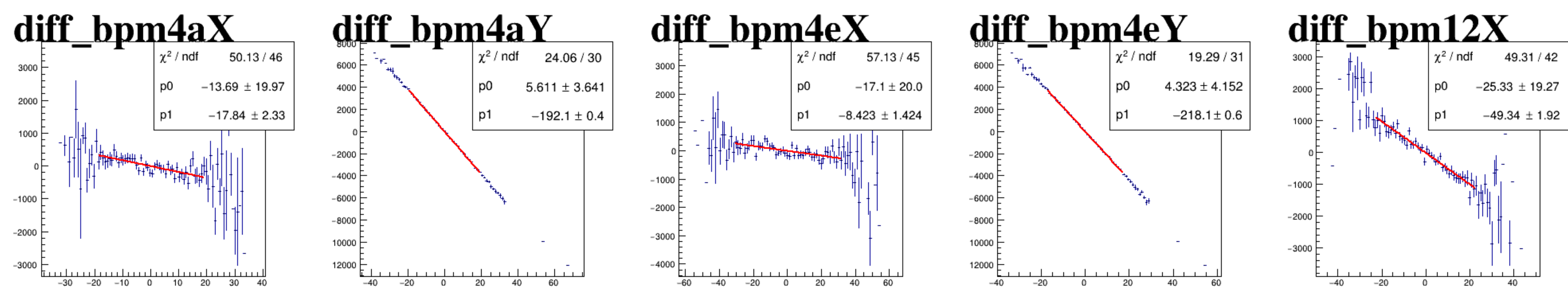
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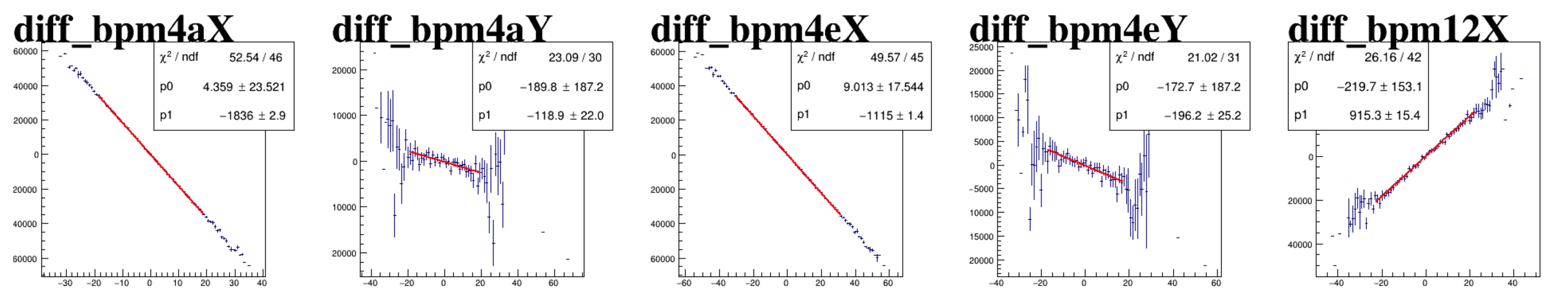
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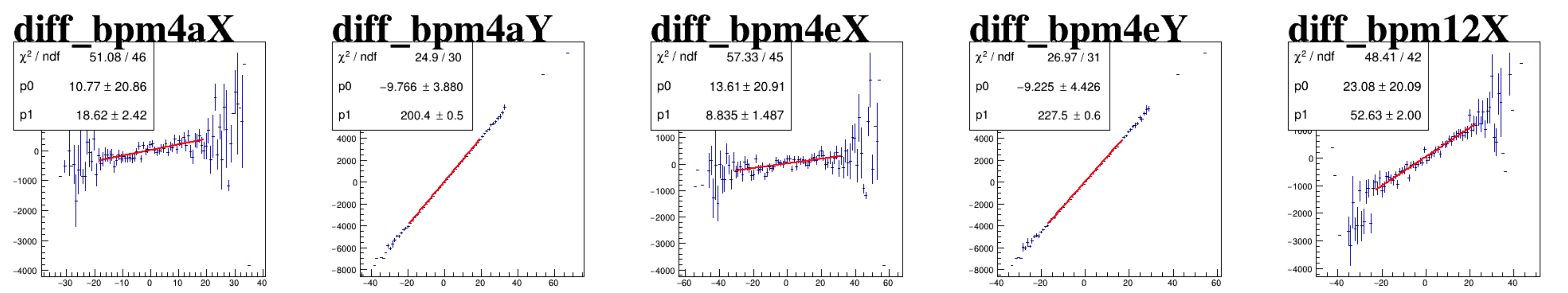
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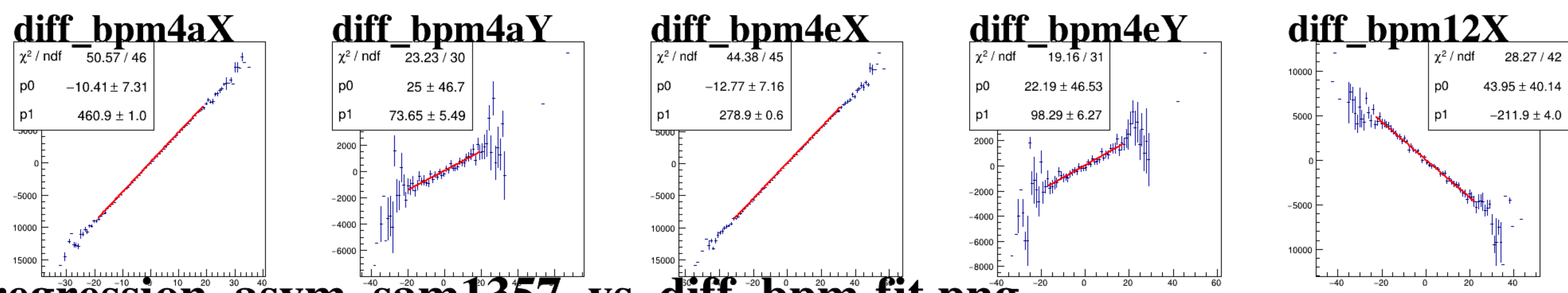
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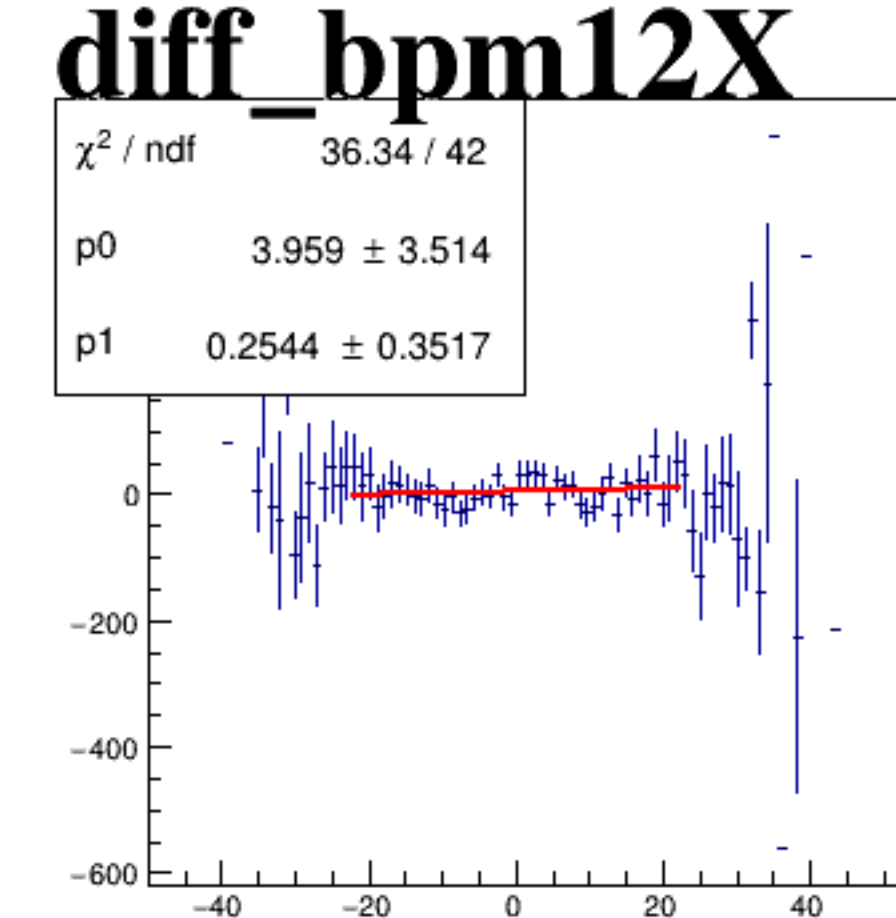
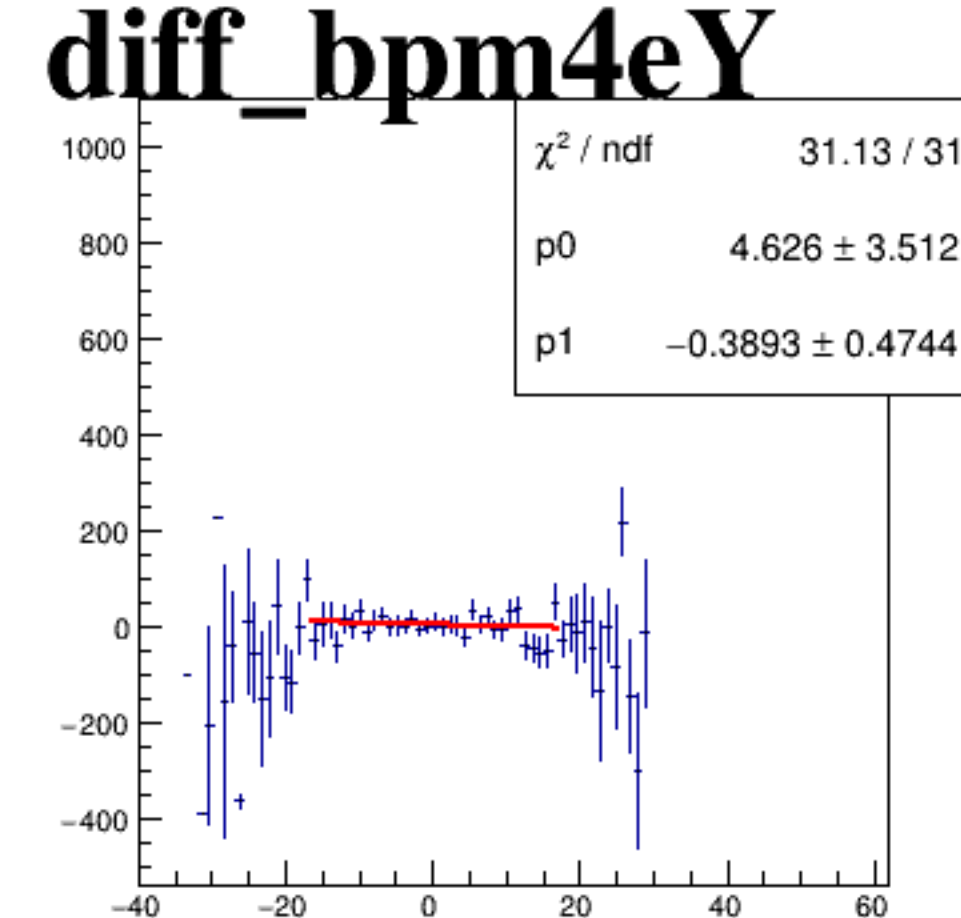
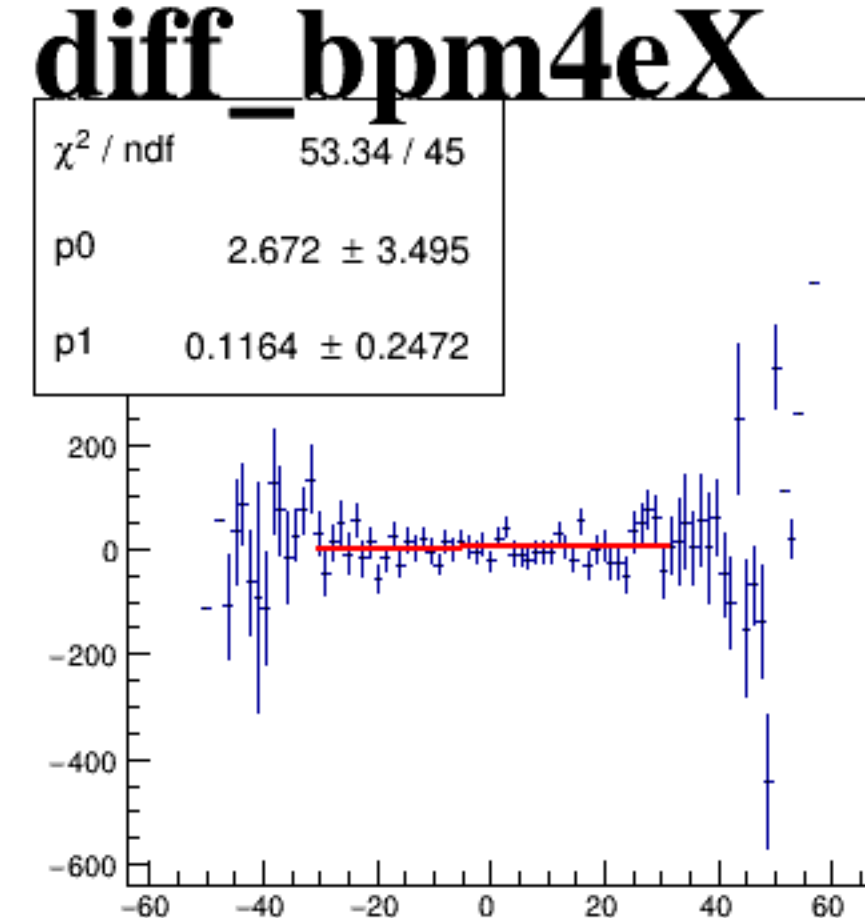
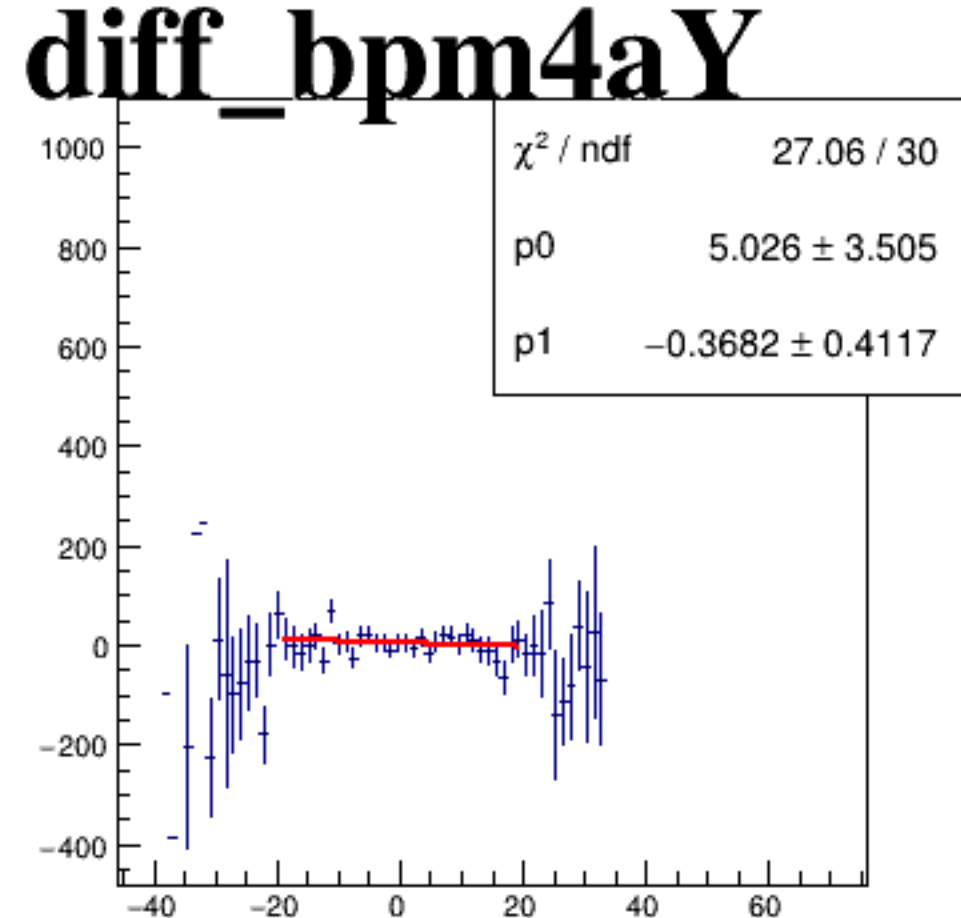
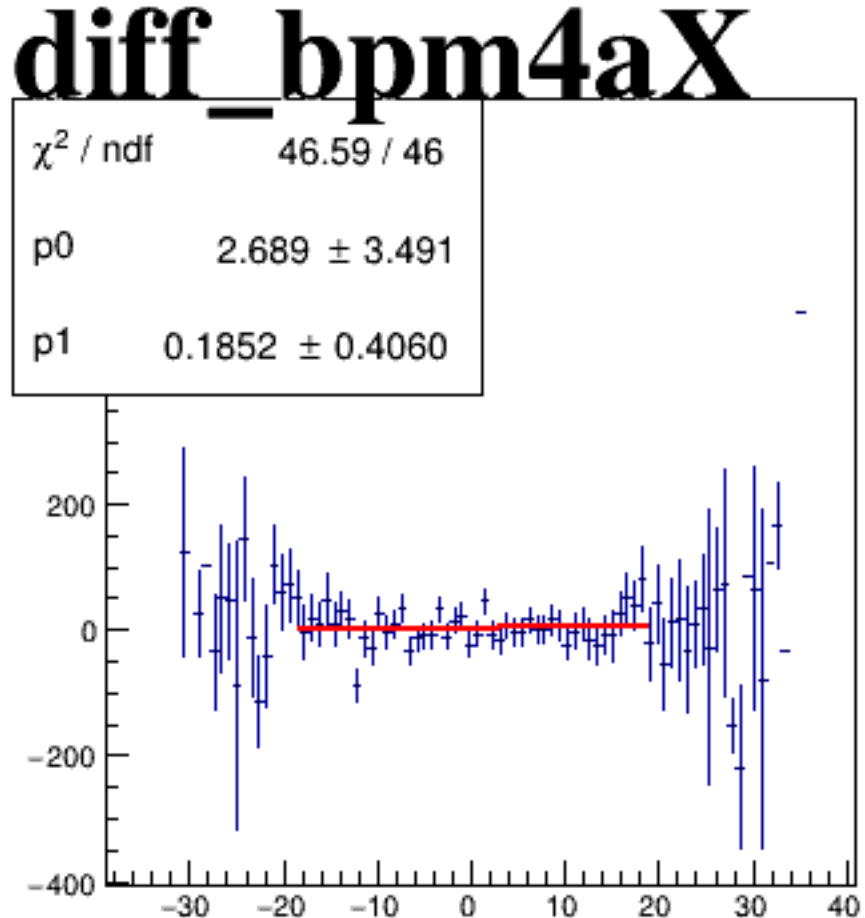
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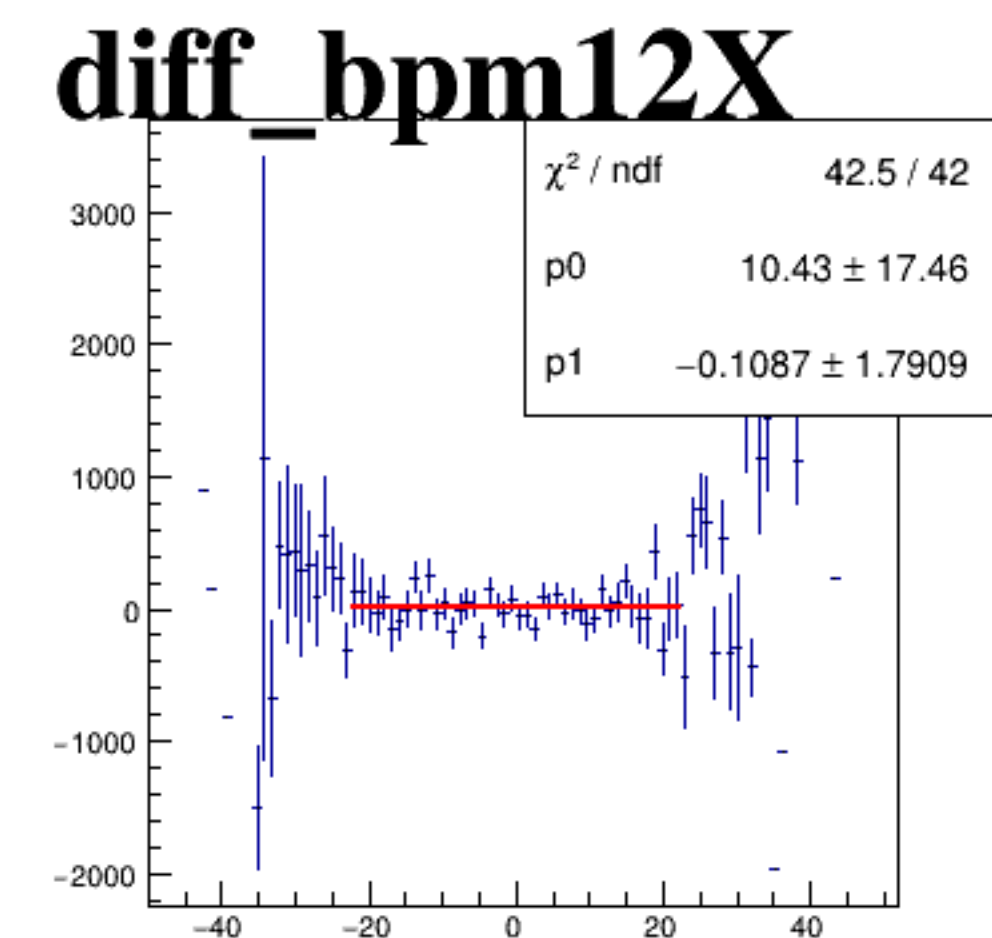
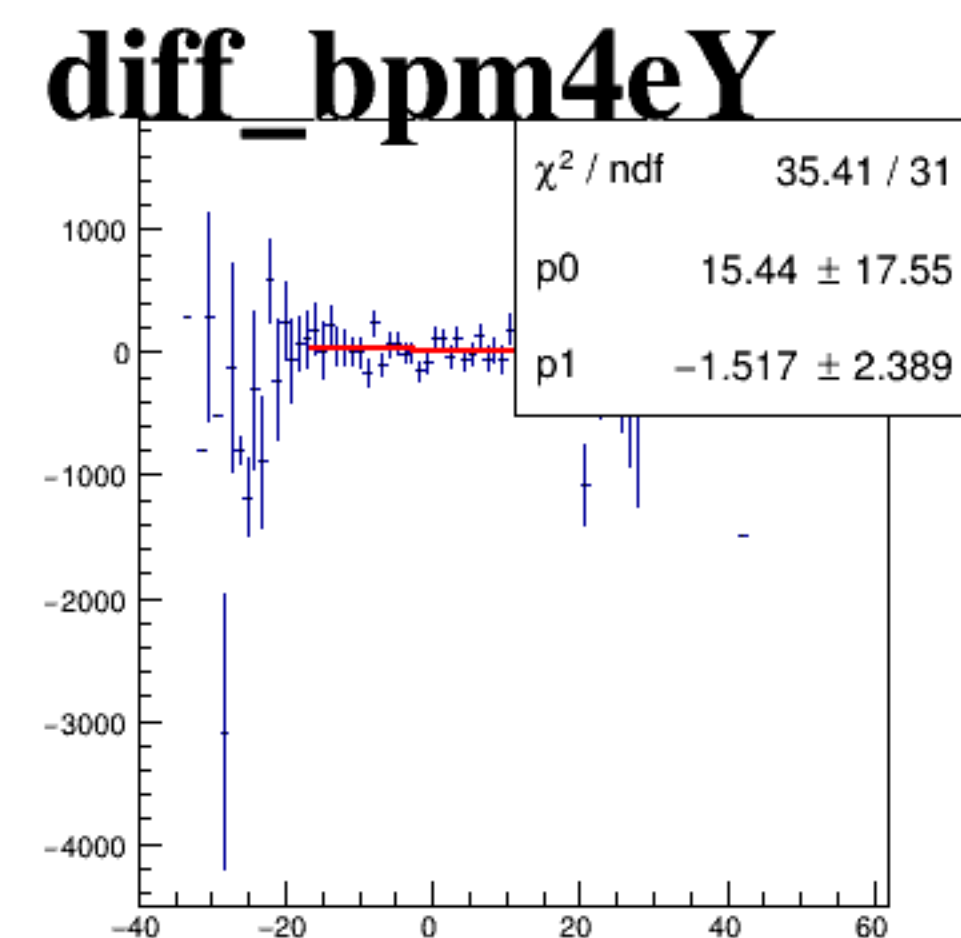
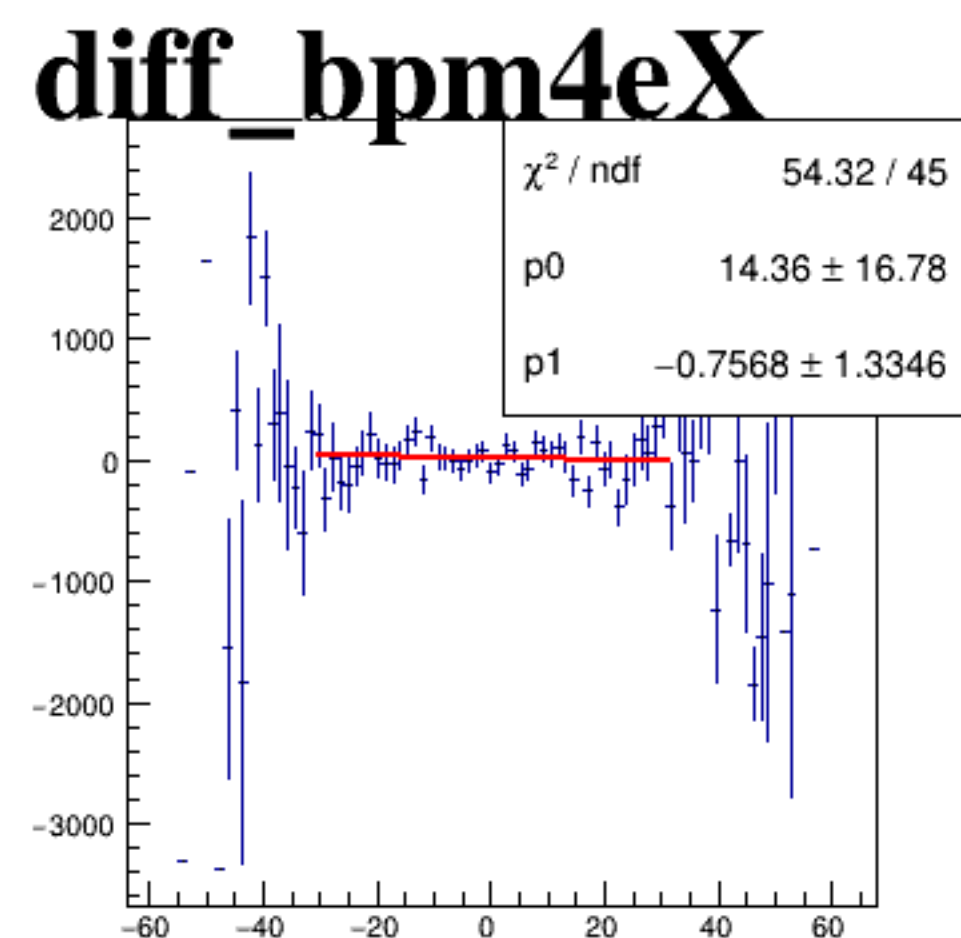
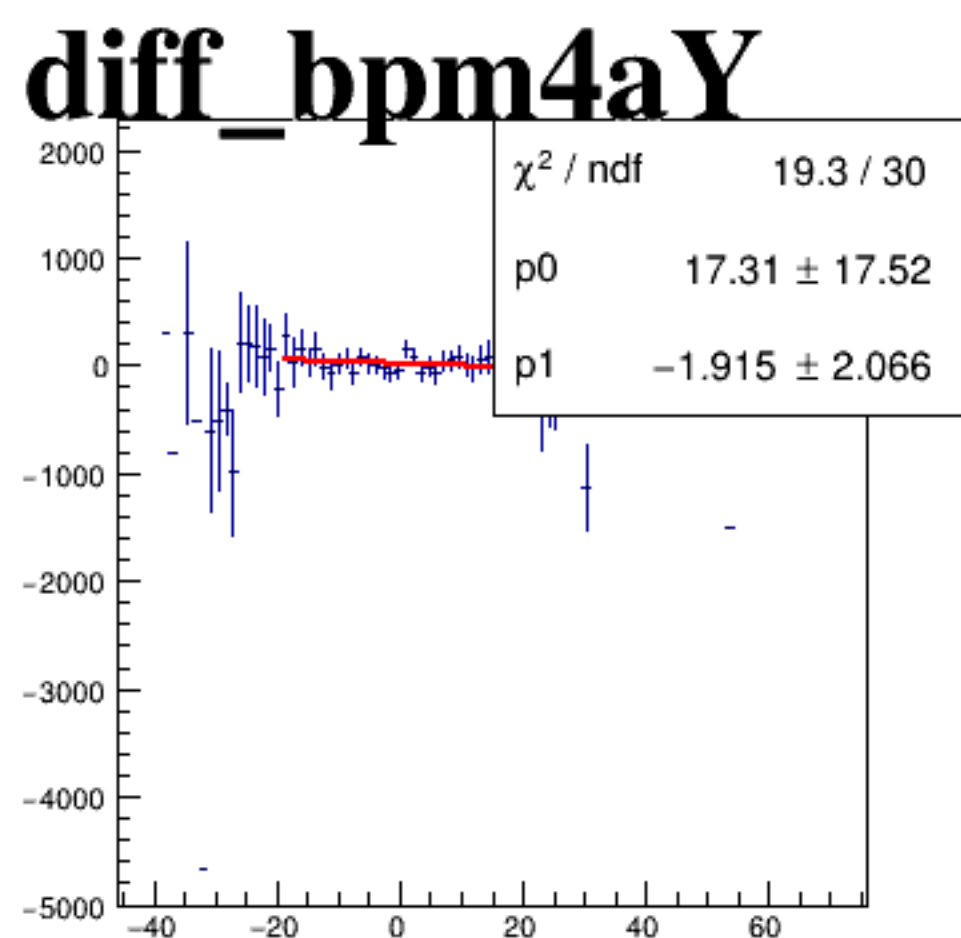
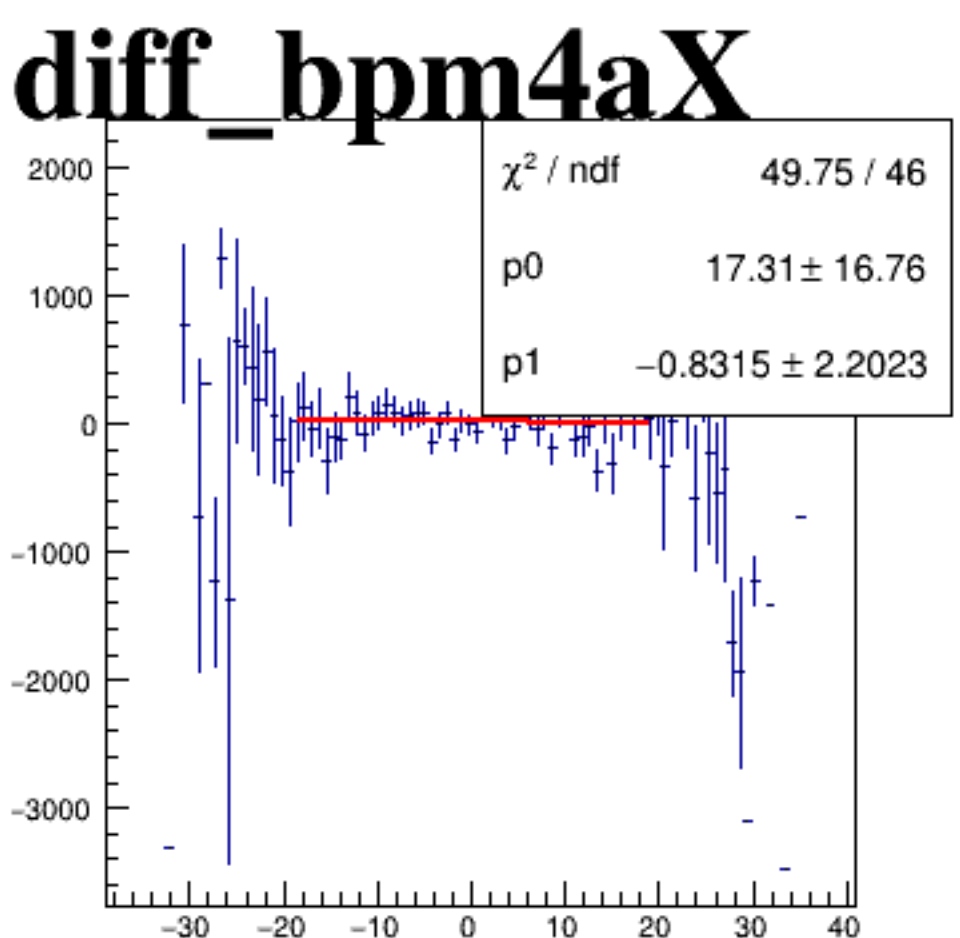
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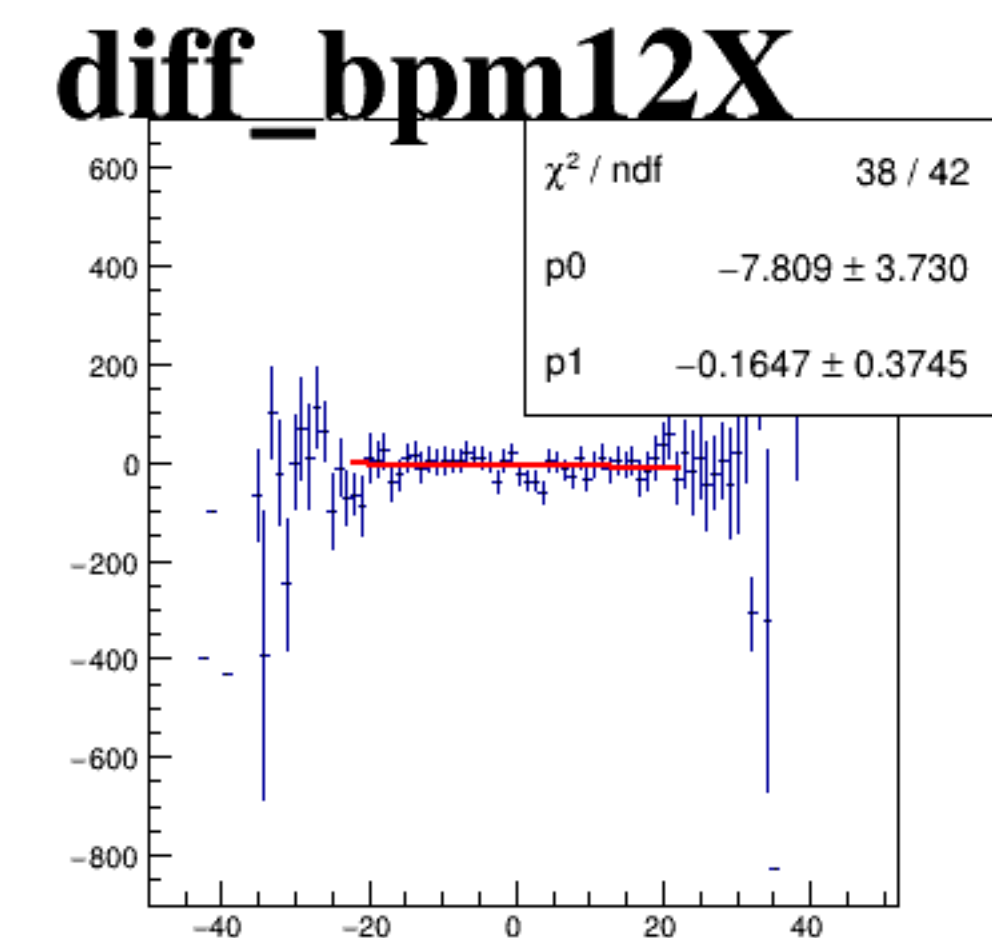
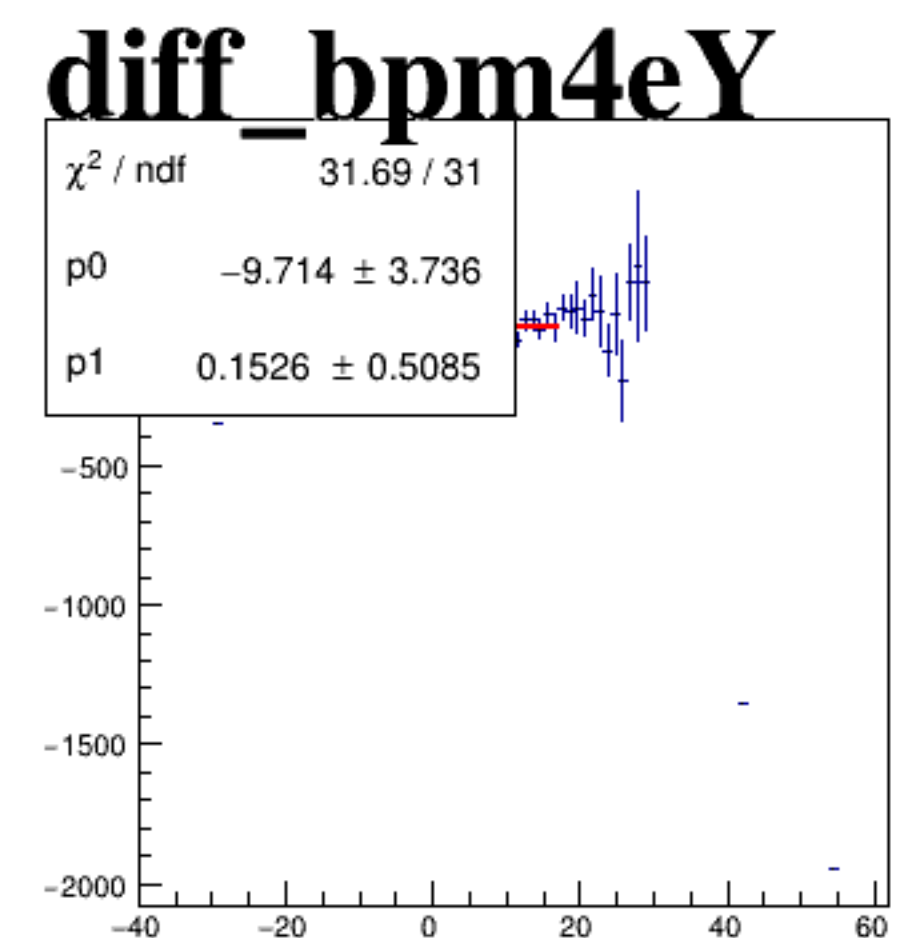
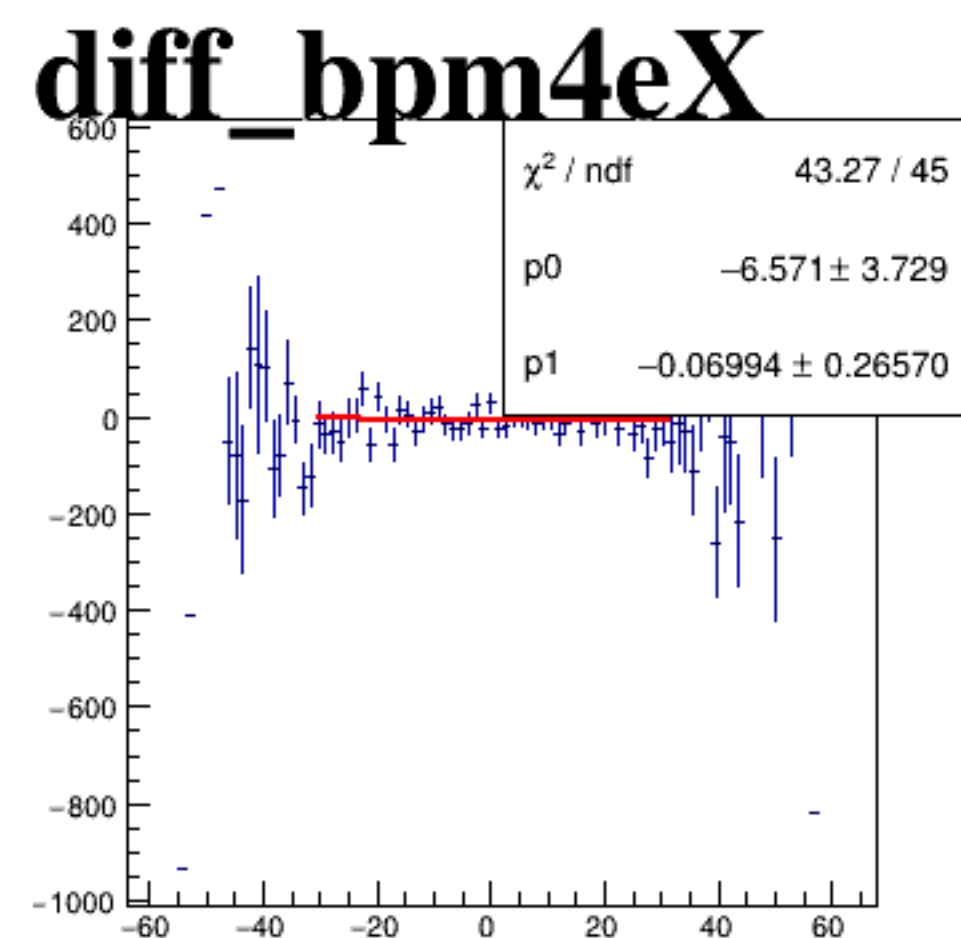
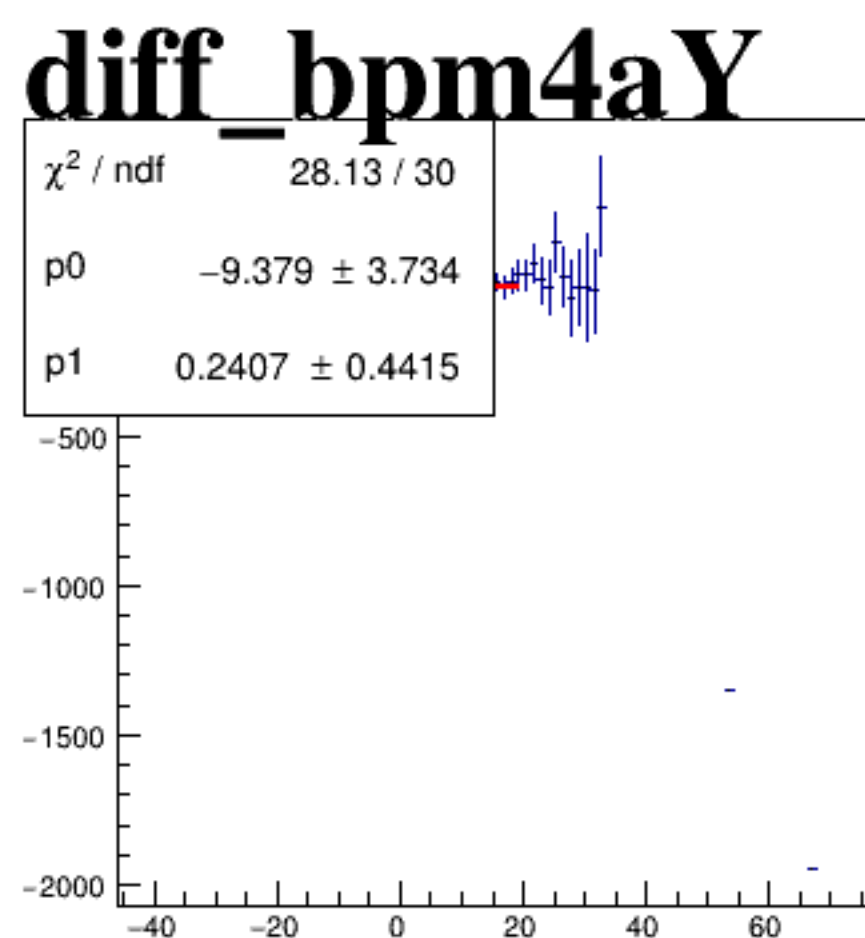
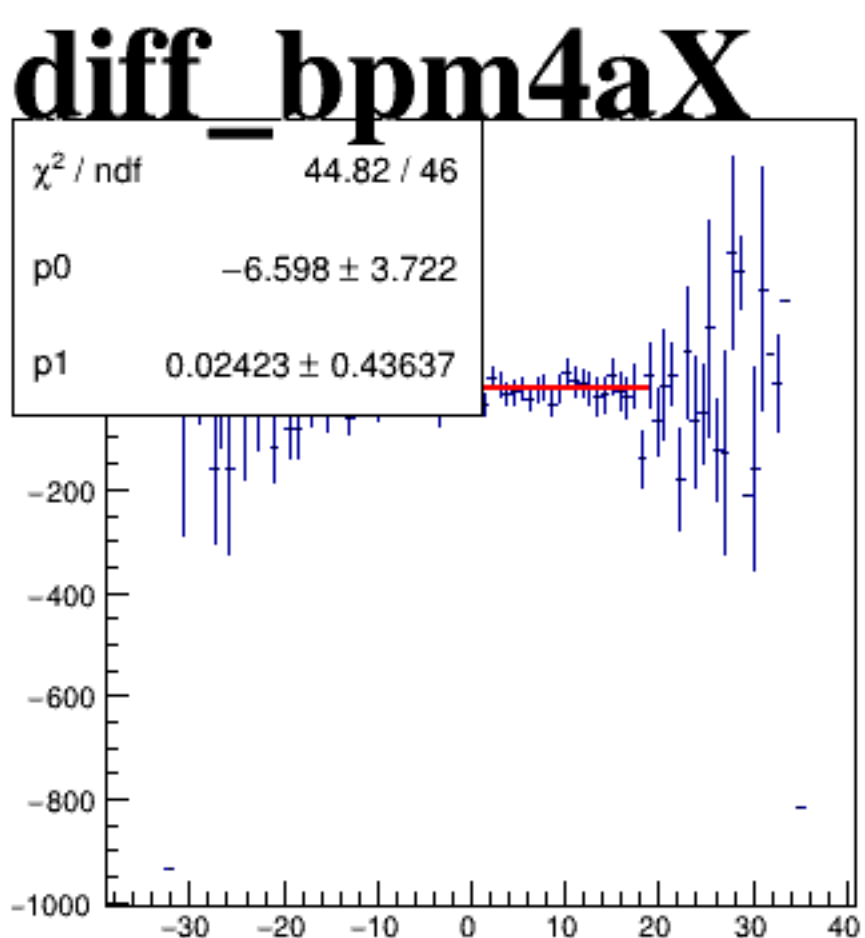
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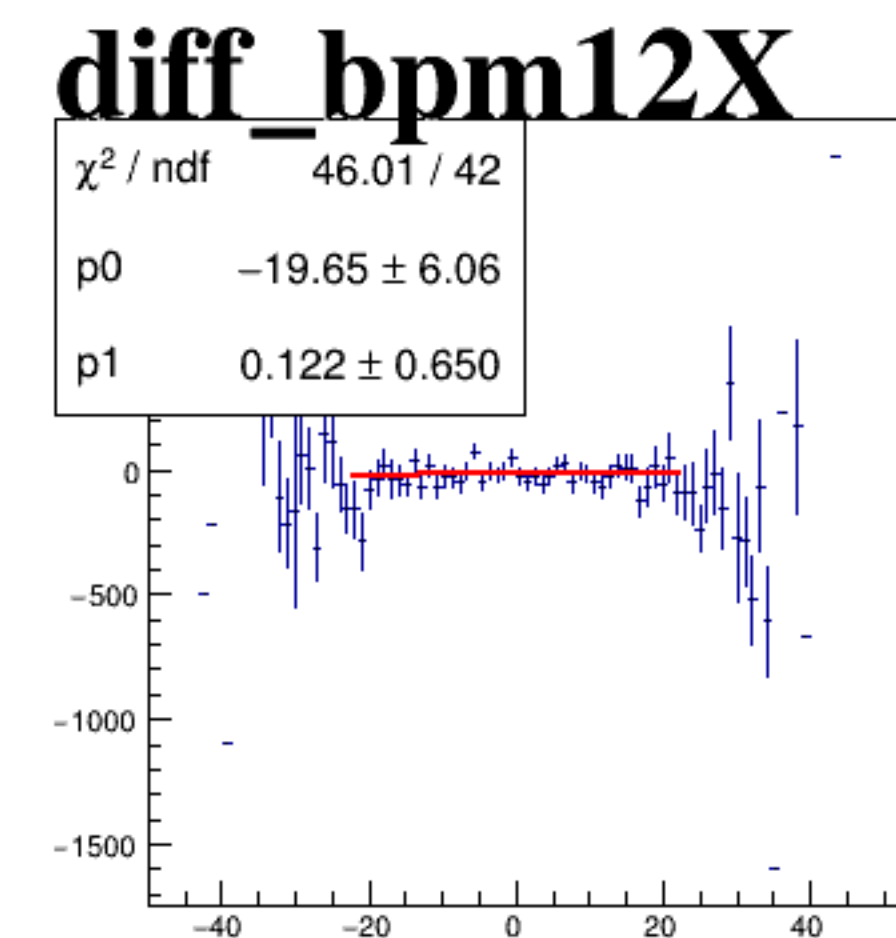
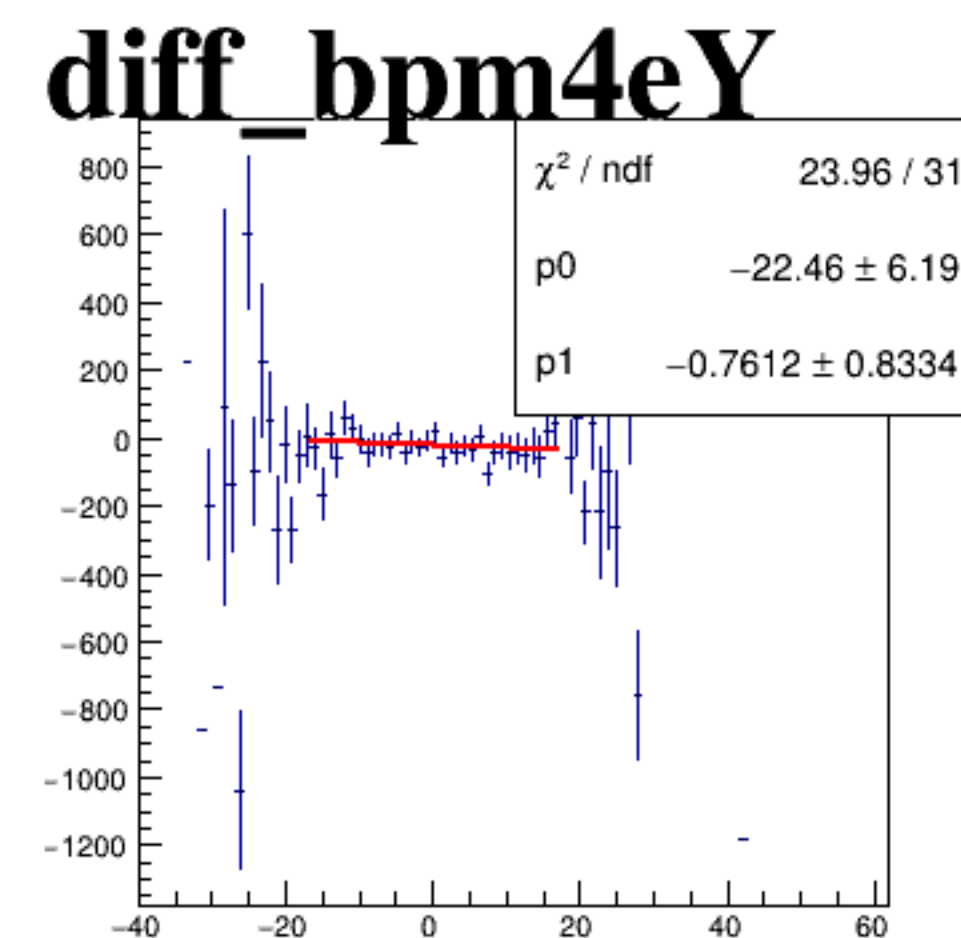
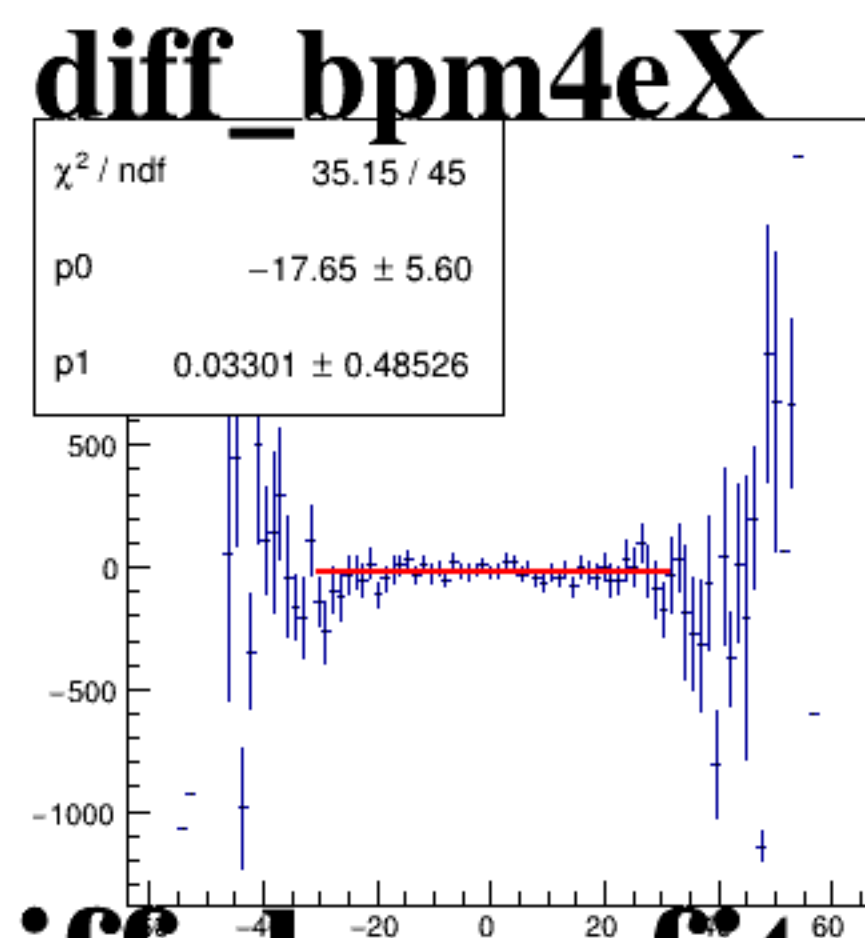
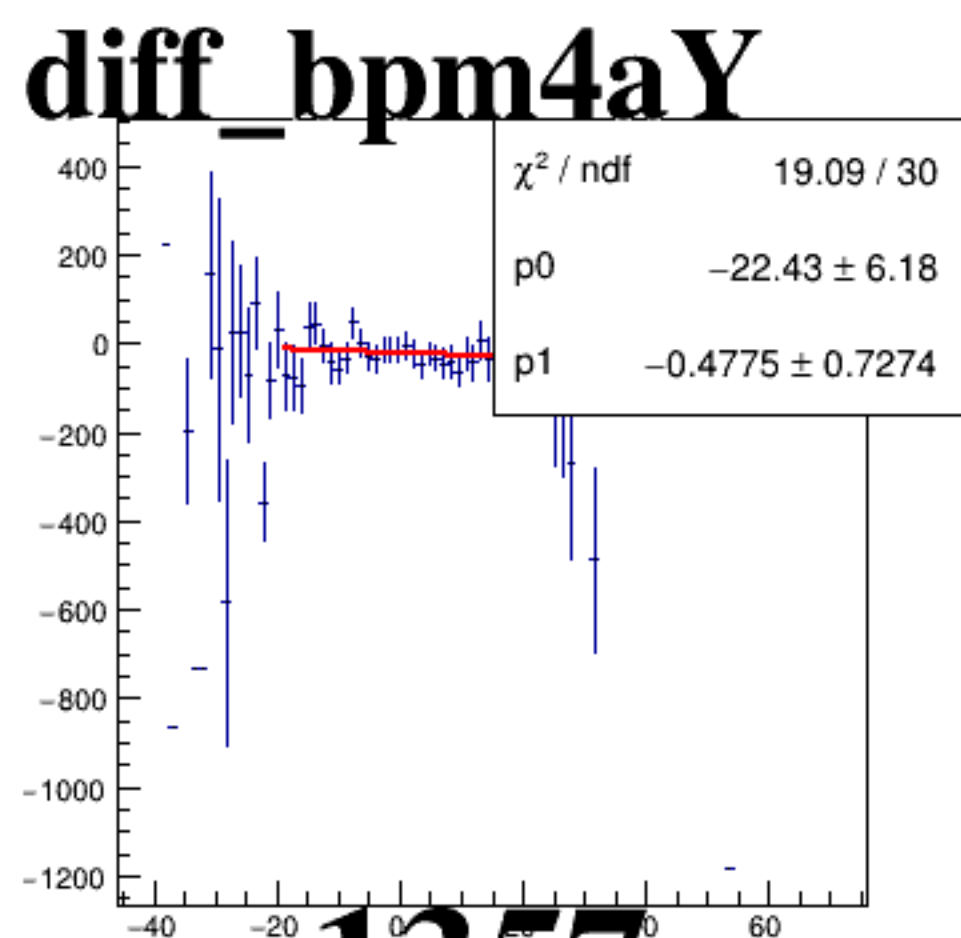
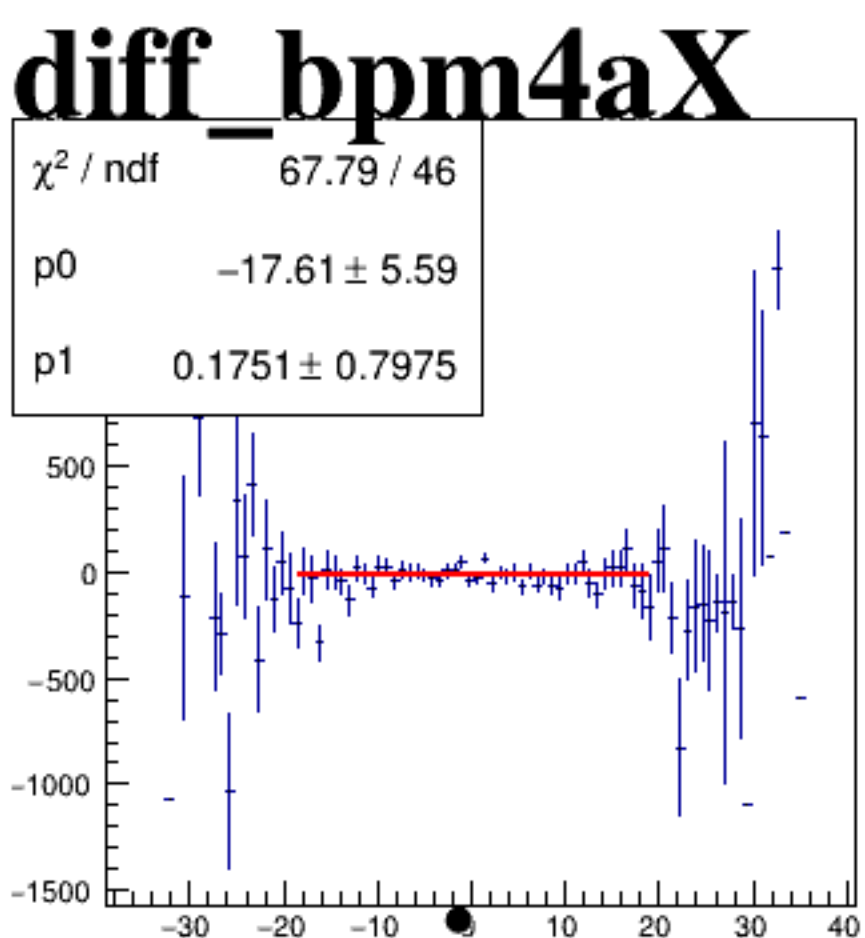
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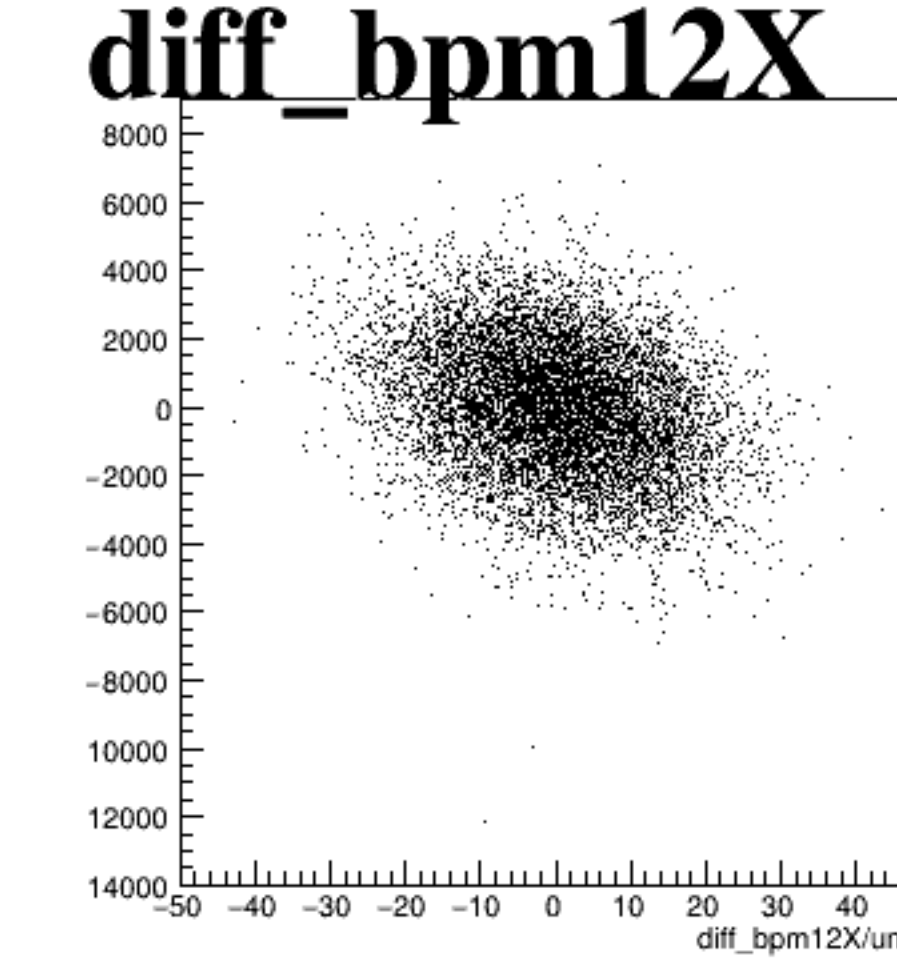
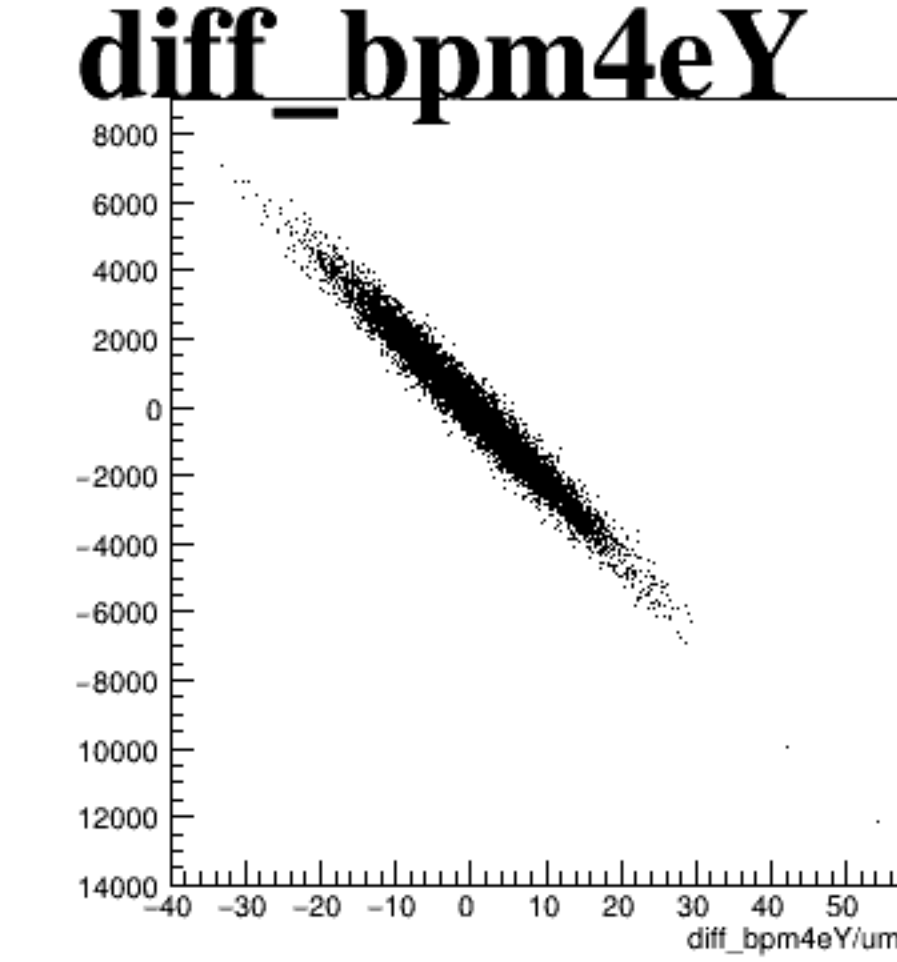
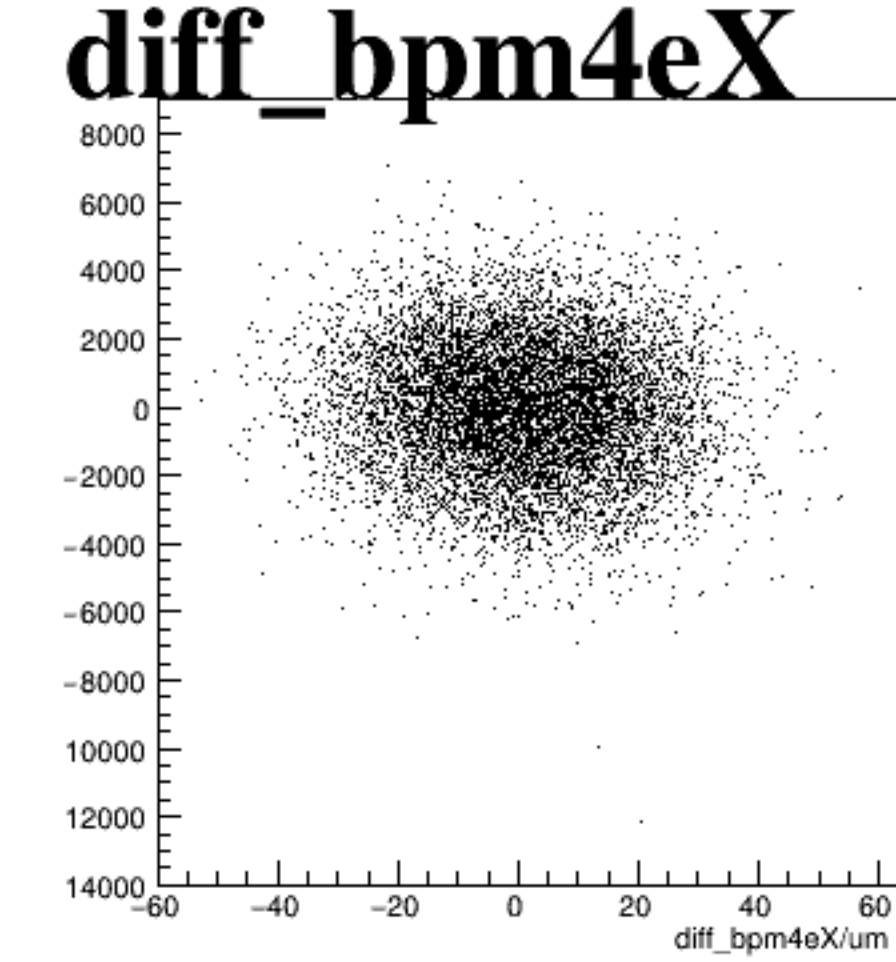
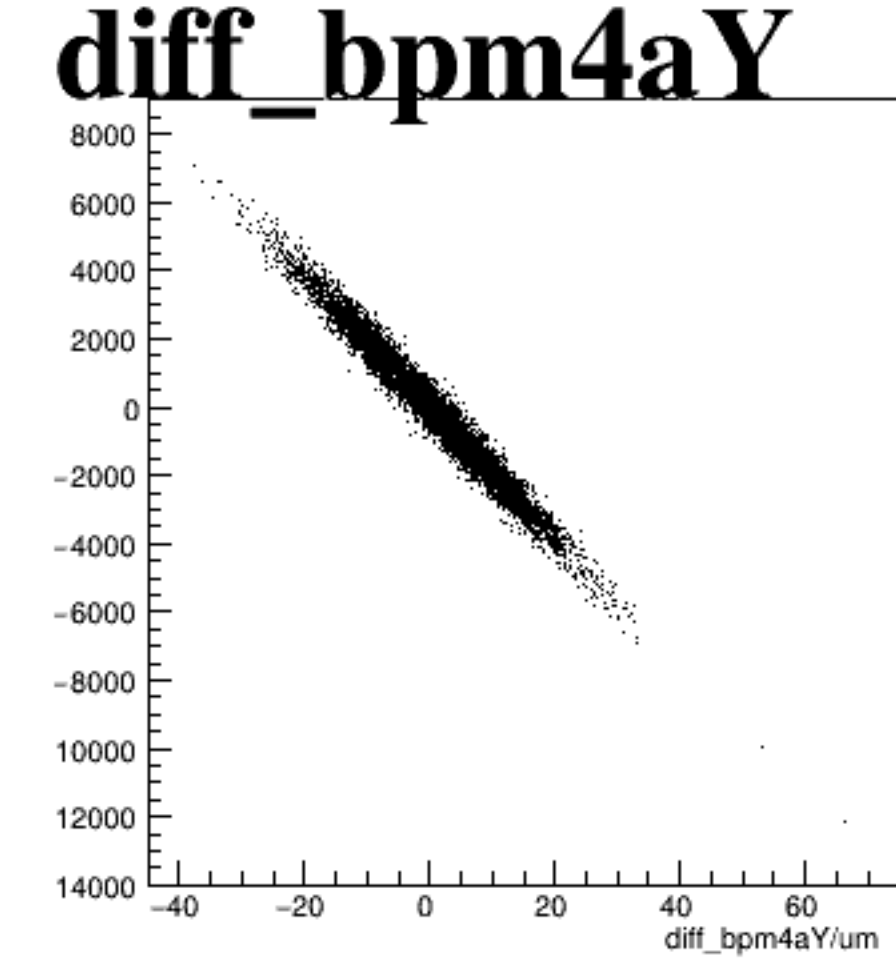
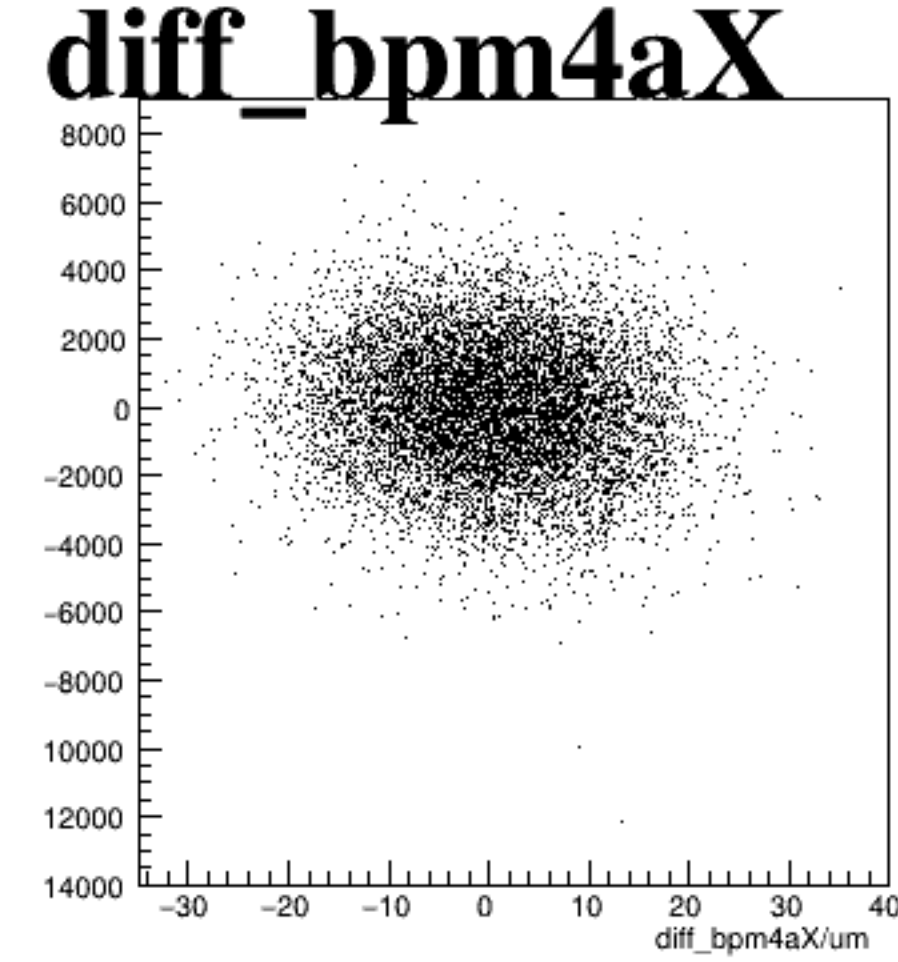
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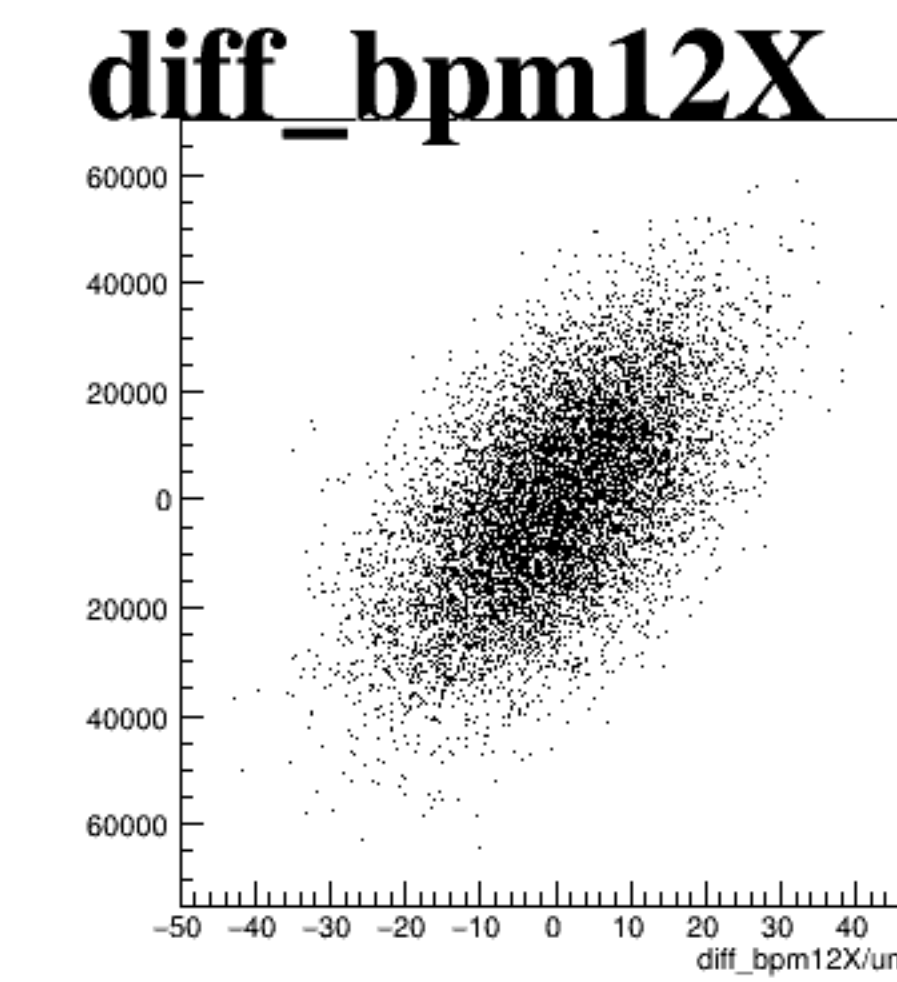
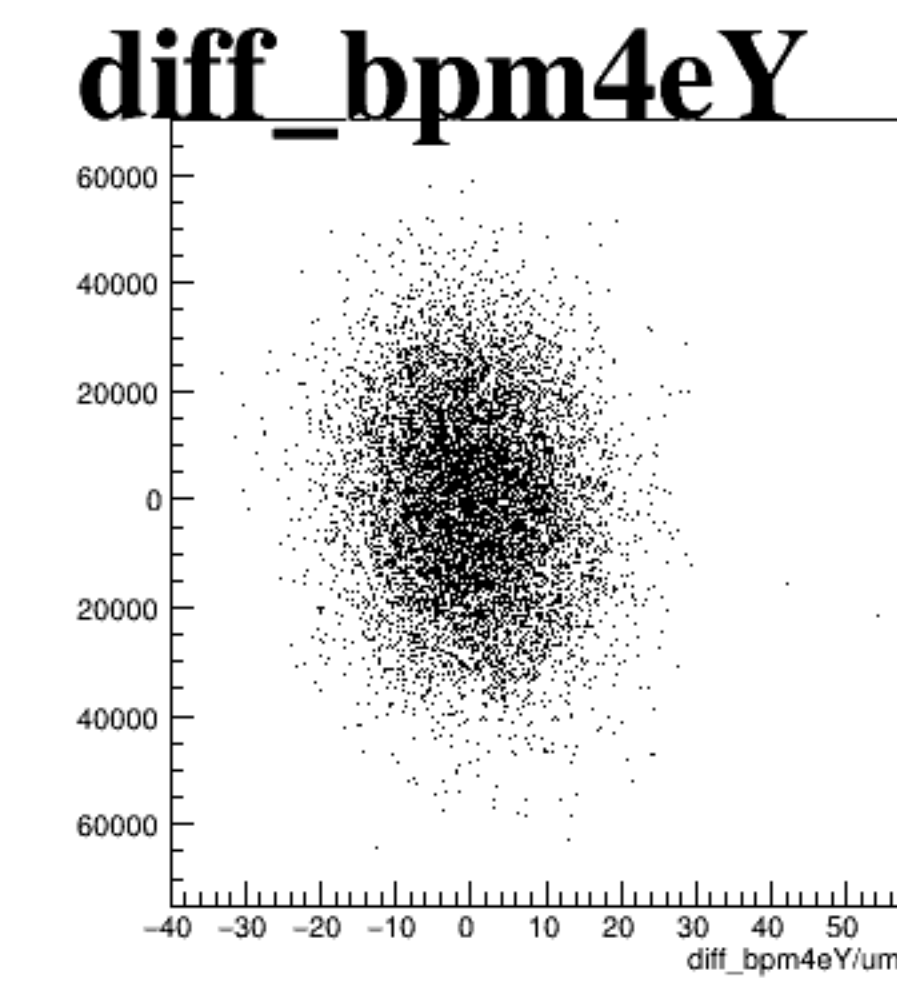
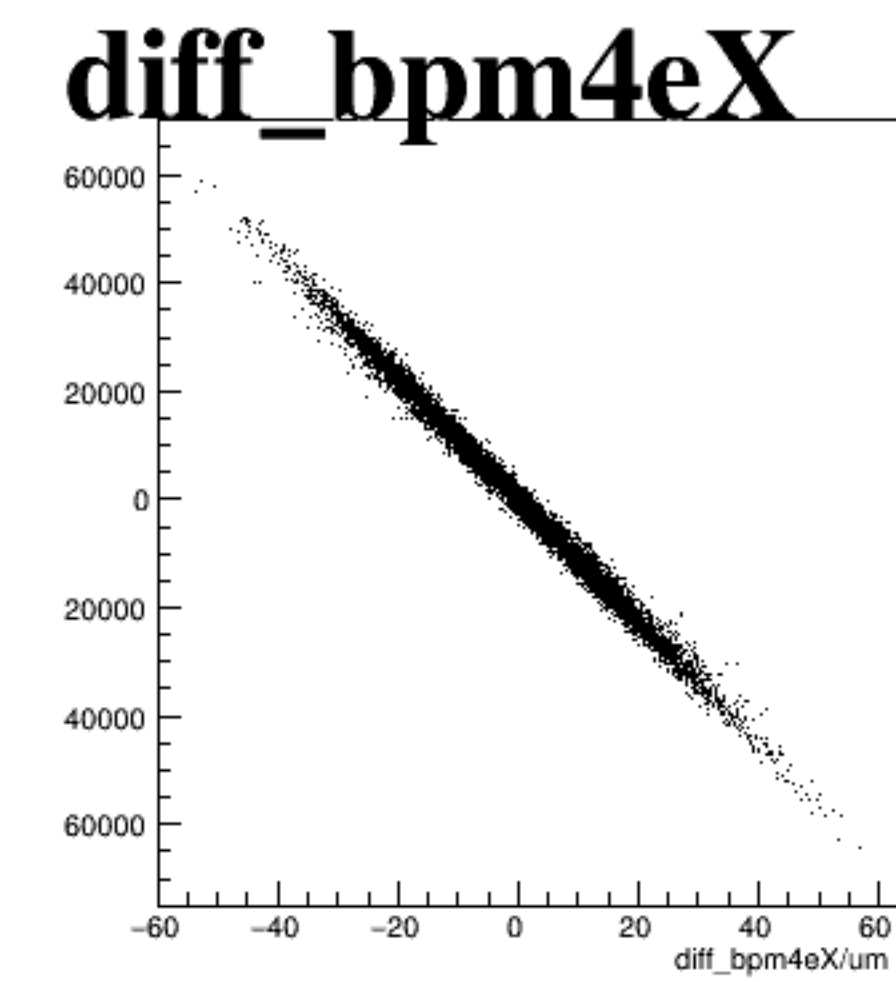
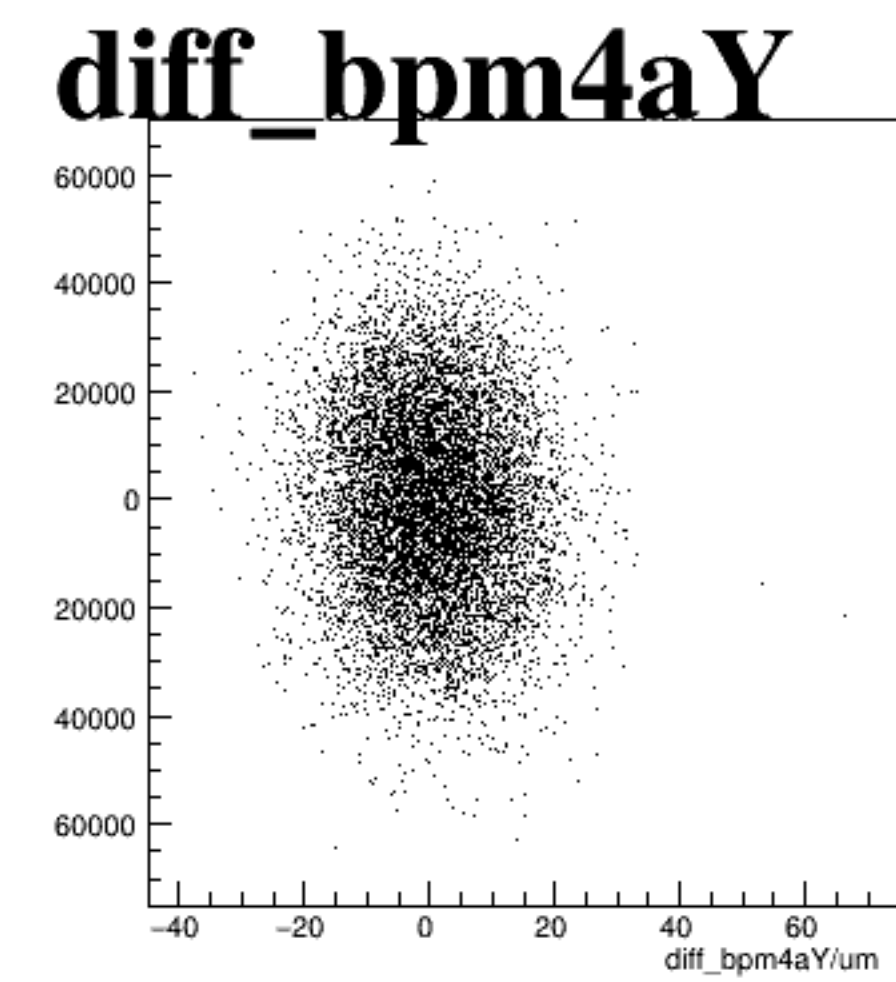
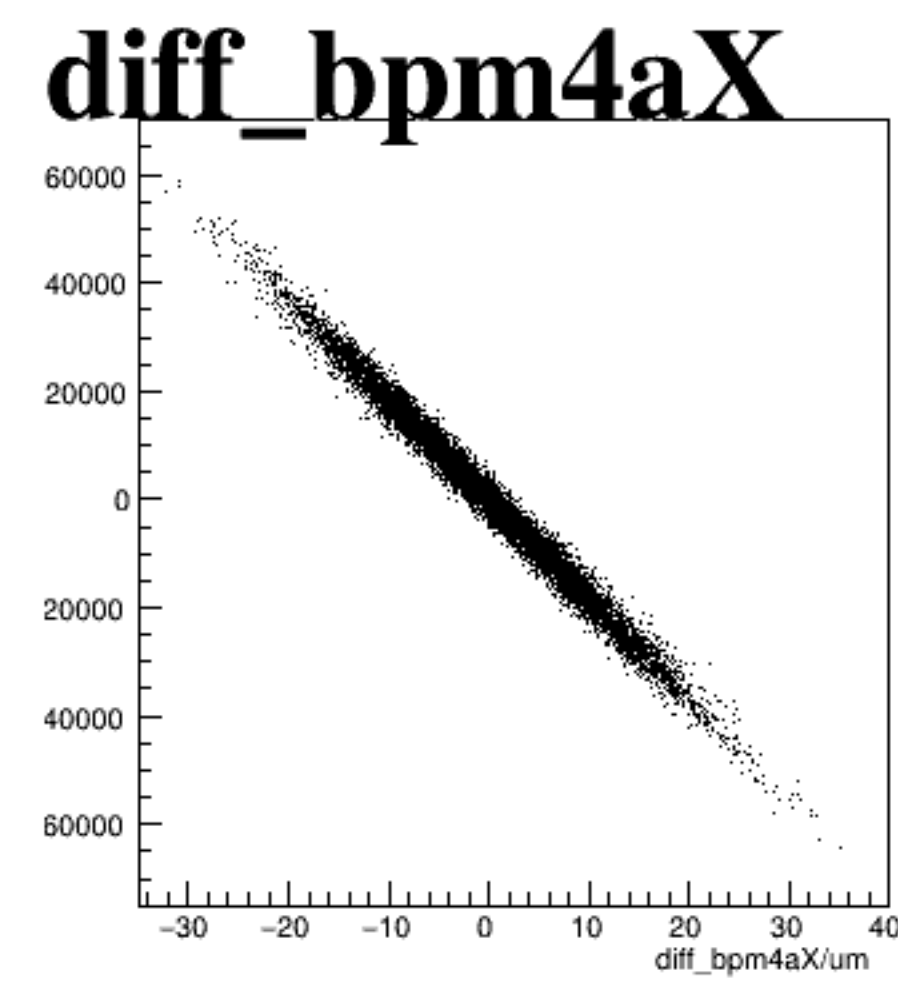
cor_sam7



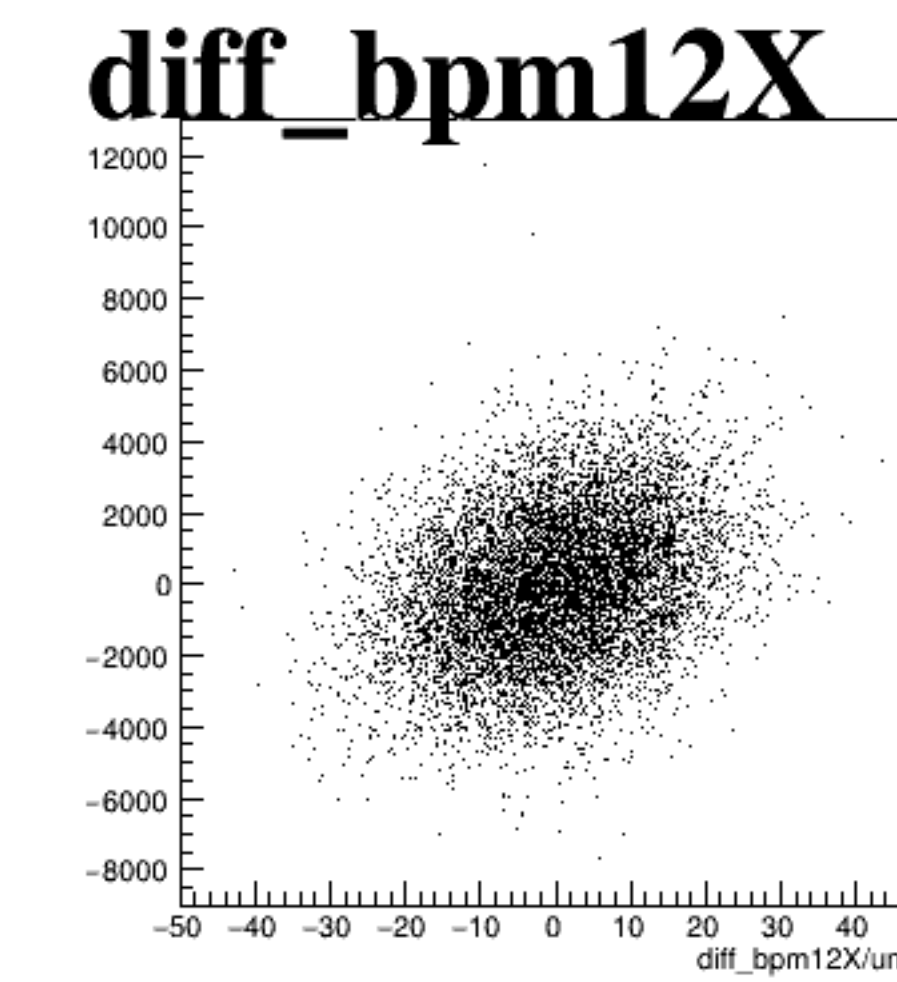
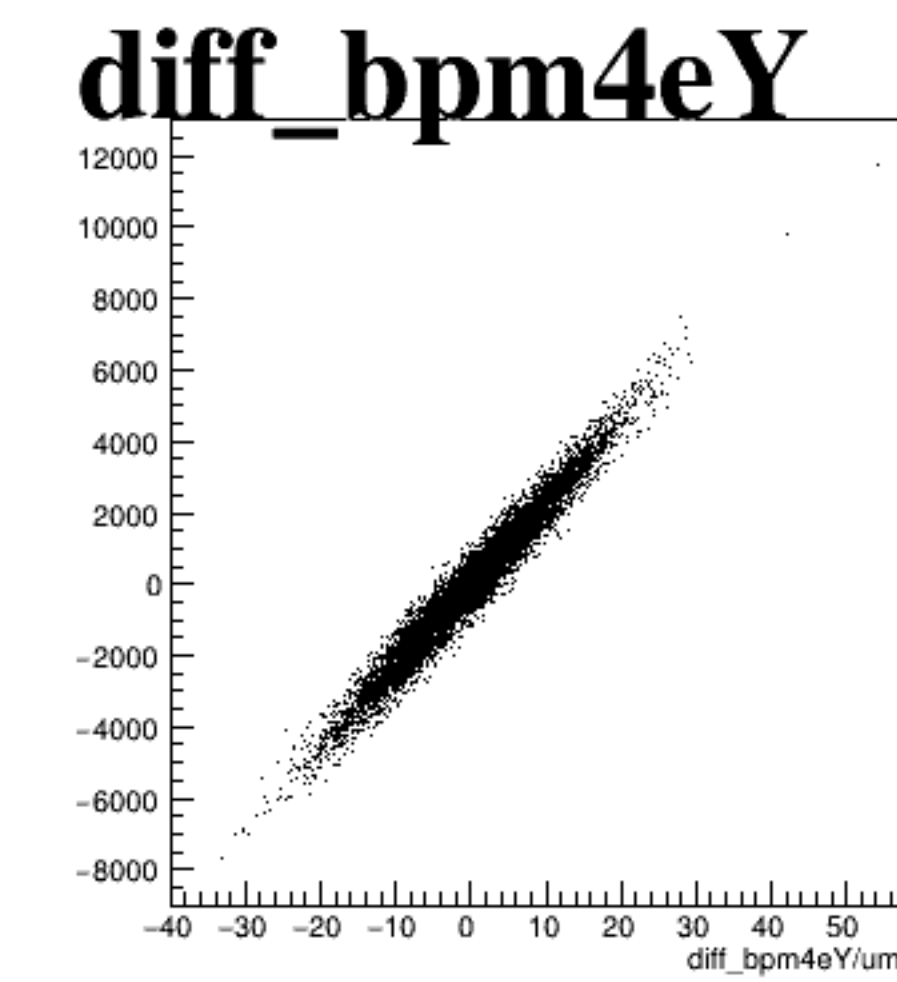
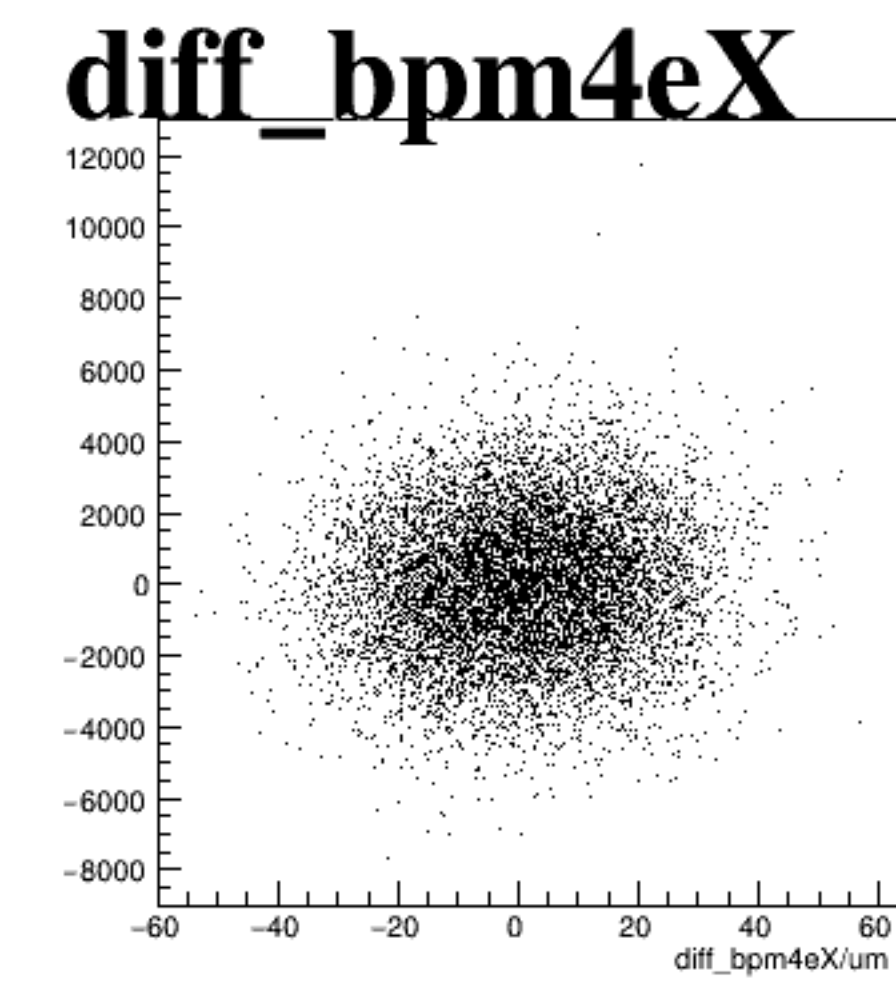
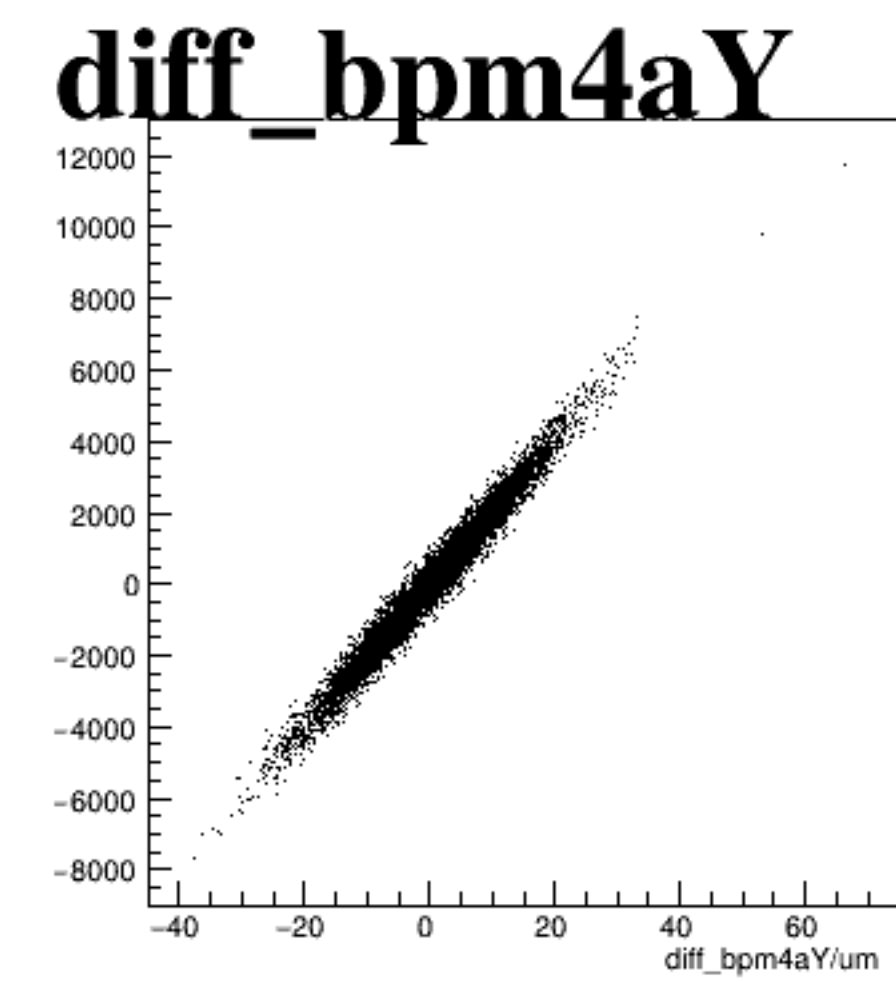
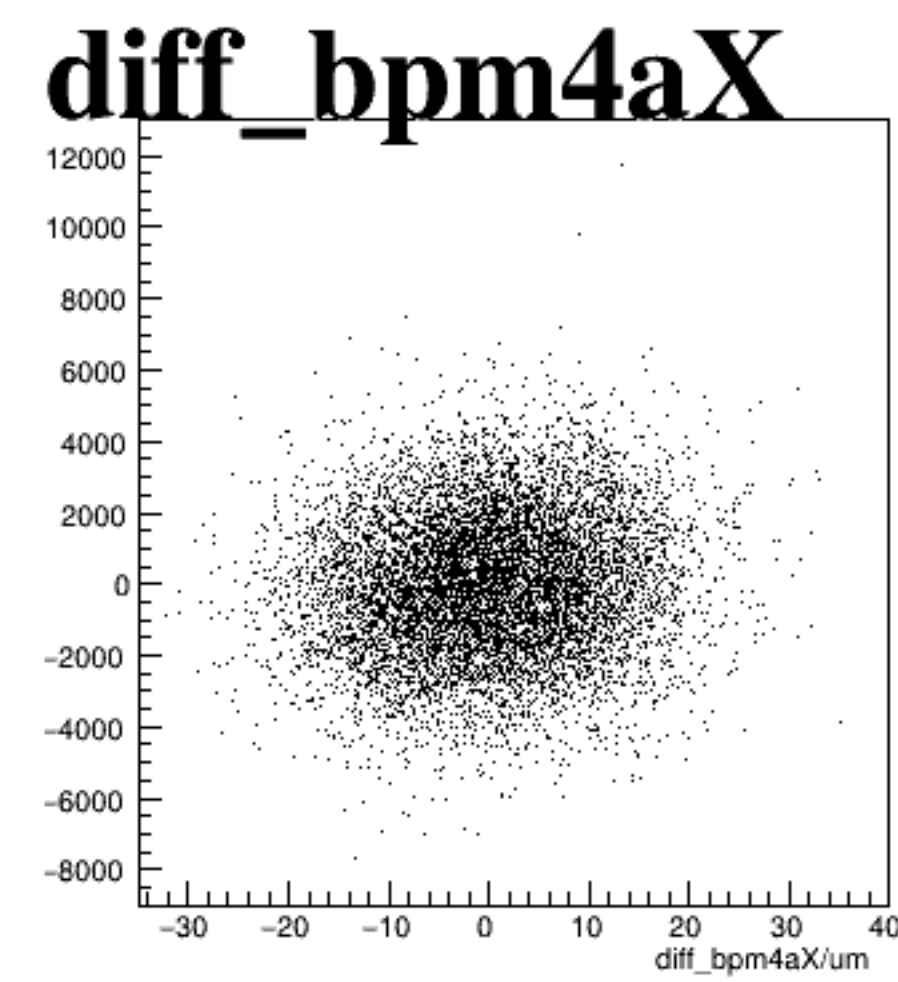
asym_sam1



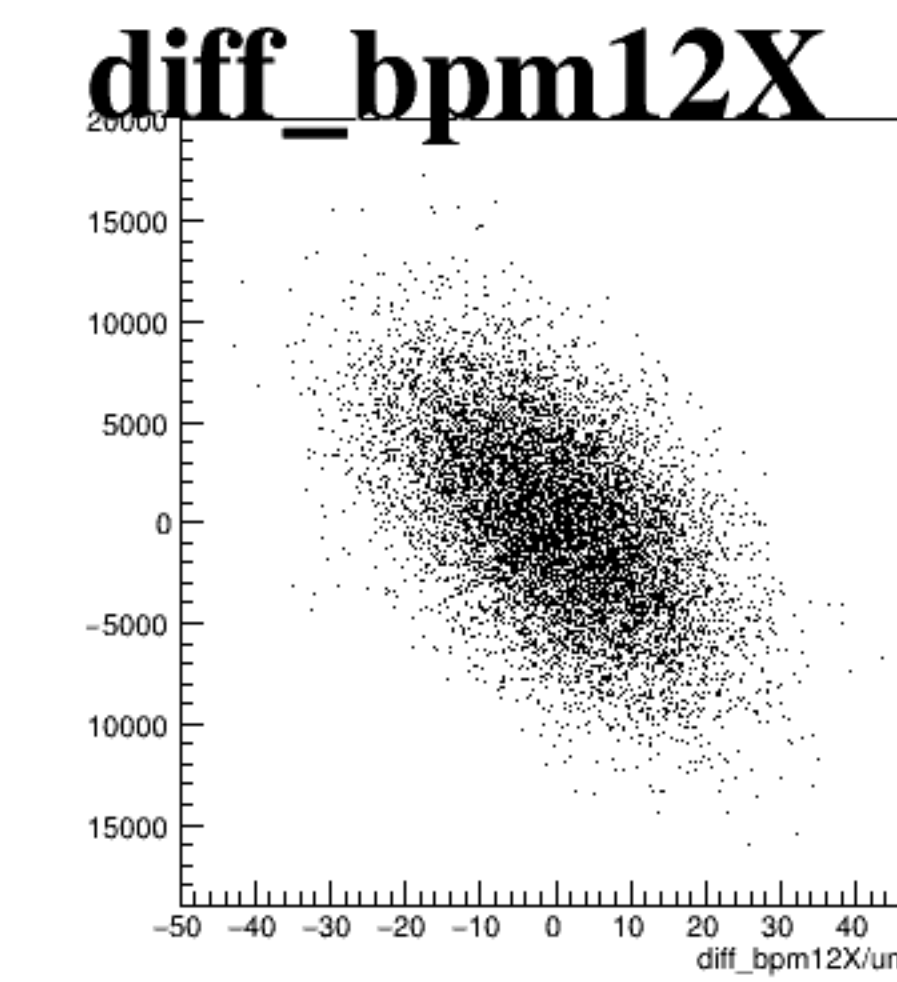
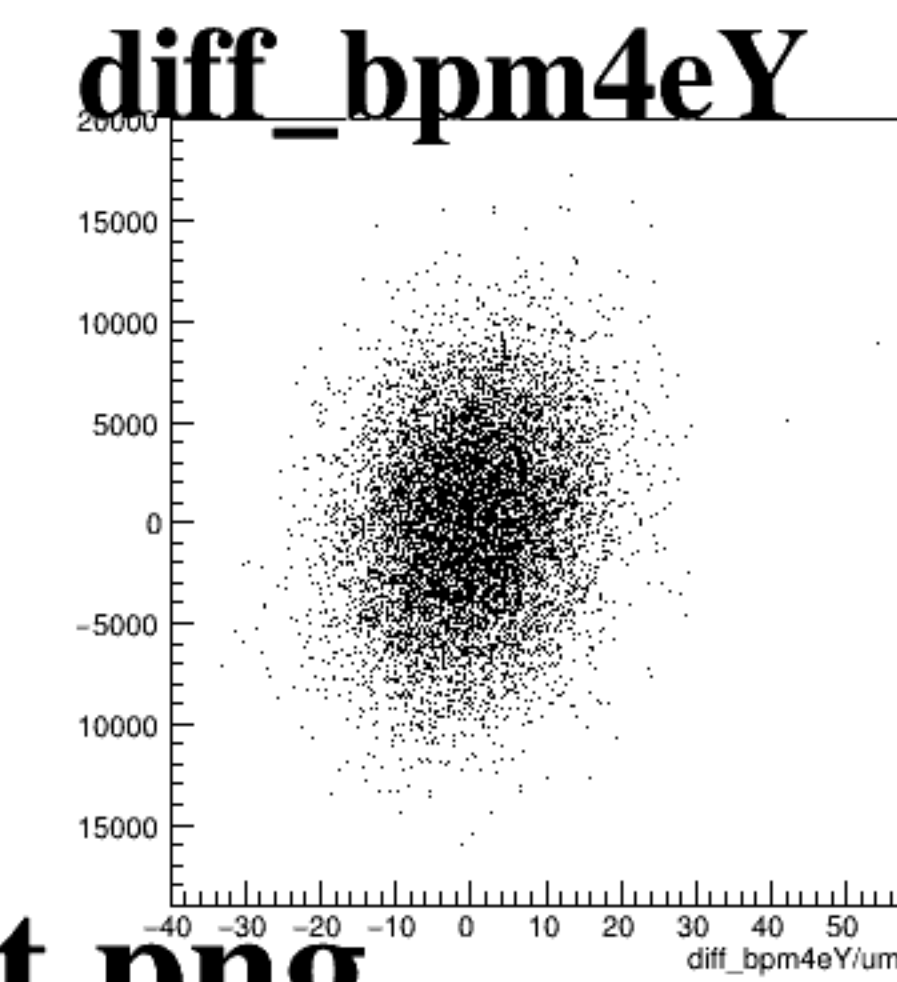
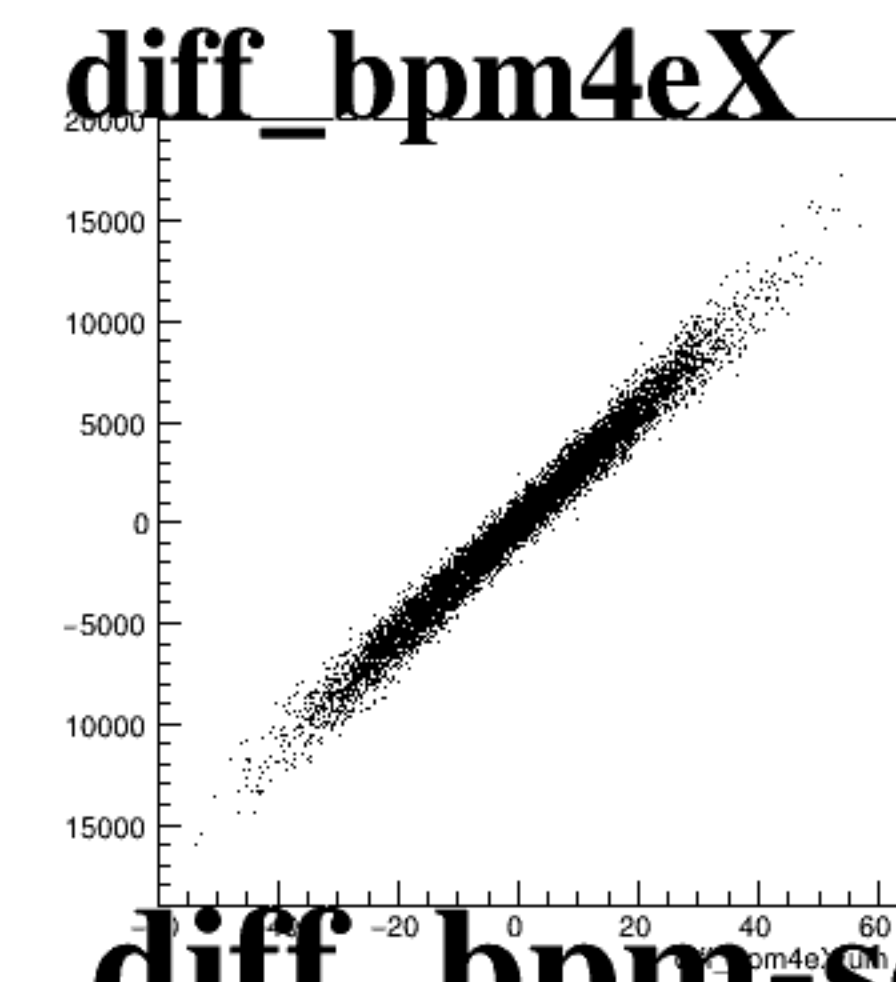
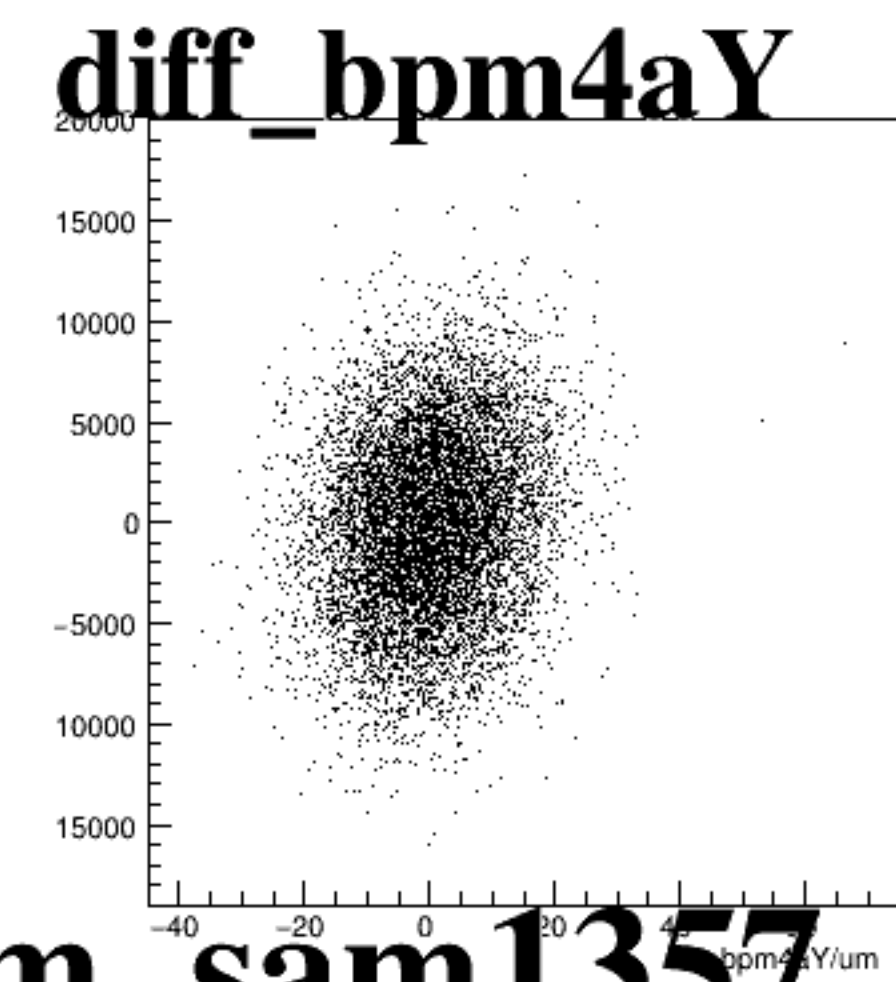
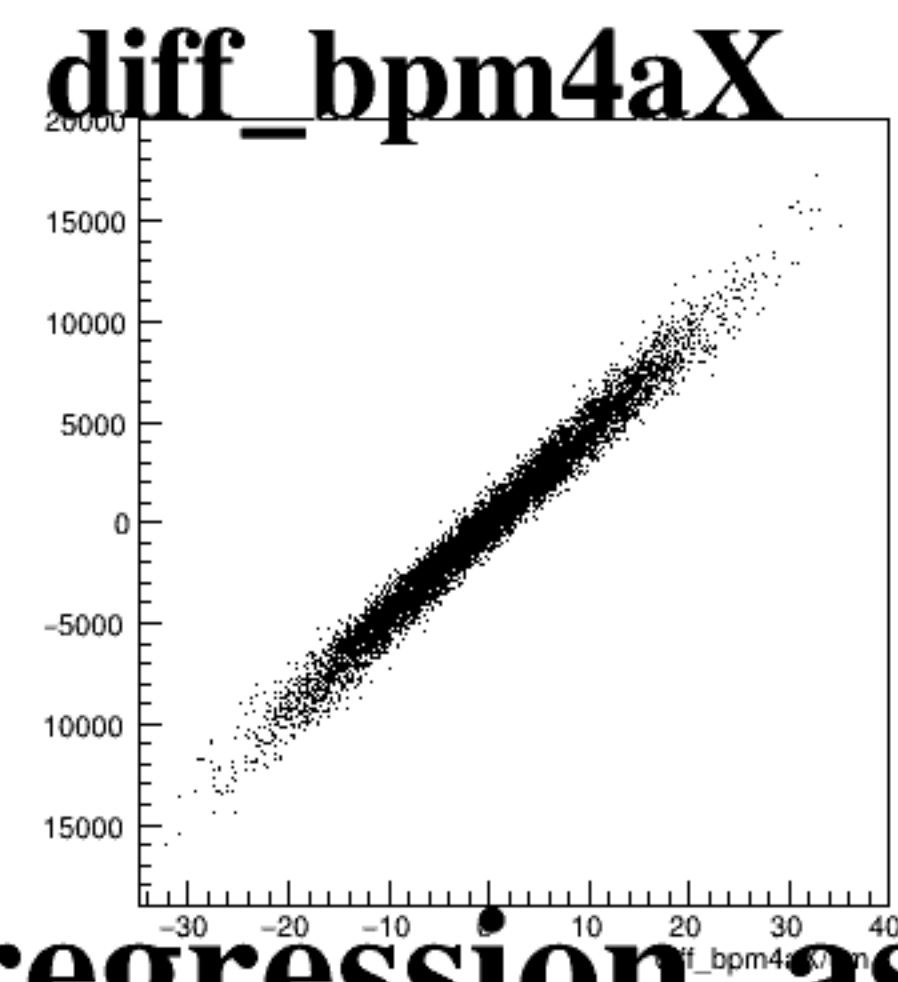
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for a specific beam position relative to the reference position 4eY. The plots are titled as follows:

- diff_bpm4aX**: The x-axis is labeled `diff_bpm4aX/um` and ranges from -30 to 40. The y-axis ranges from -10000 to 10000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -40 to 60. The y-axis ranges from -10000 to 10000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -60 to 60. The y-axis ranges from -10000 to 10000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -40 to 60. The y-axis ranges from -10000 to 10000.
- diff_bpm12X**: The x-axis is labeled `diff_bpm12X/um` and ranges from -50 to 50. The y-axis ranges from -10000 to 10000.

In all plots, the data points form a dense, roughly elliptical cloud centered at the origin (0,0), representing the distribution of differences between the specified beam position and the reference position 4eY.