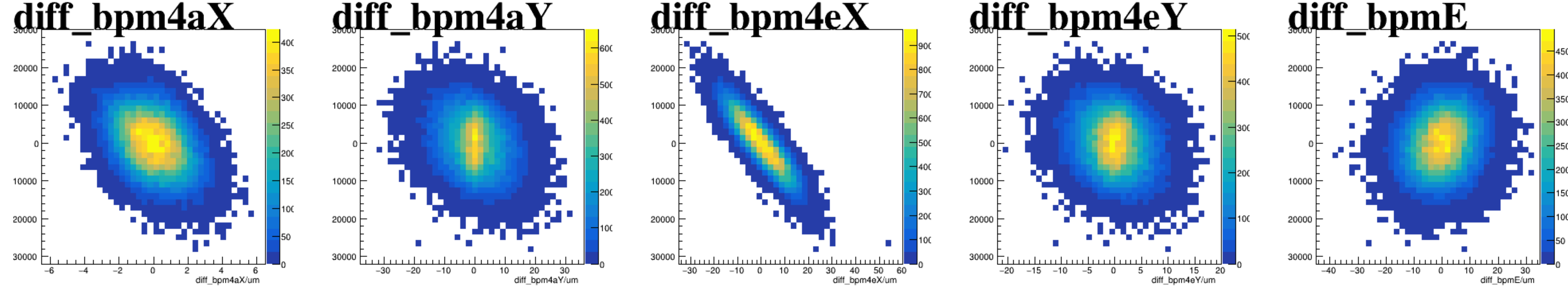
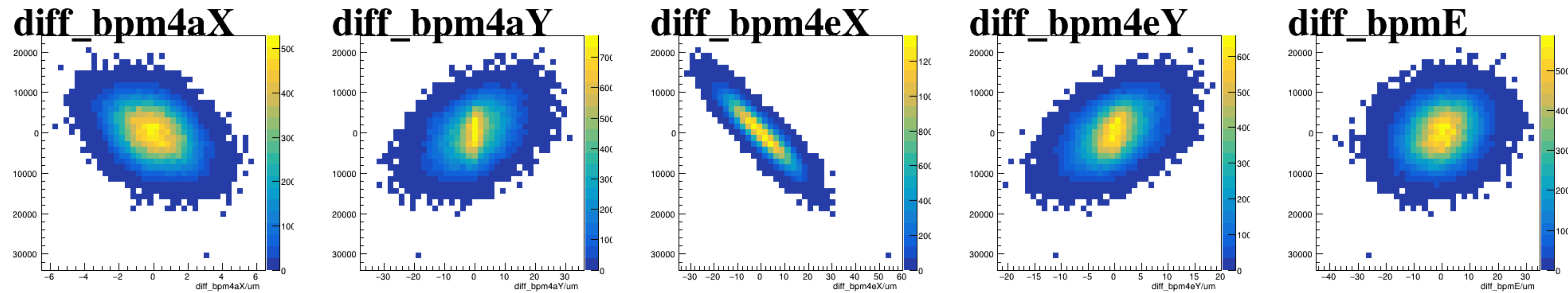


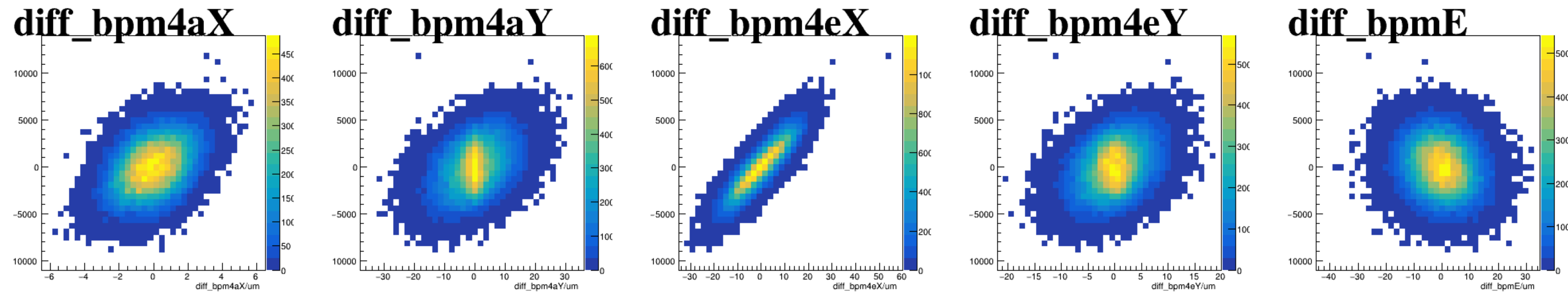
asym_sam2



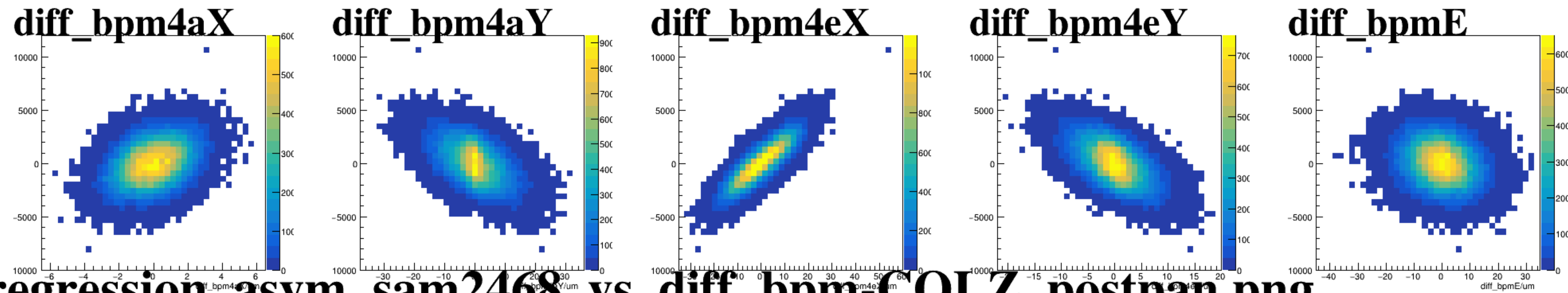
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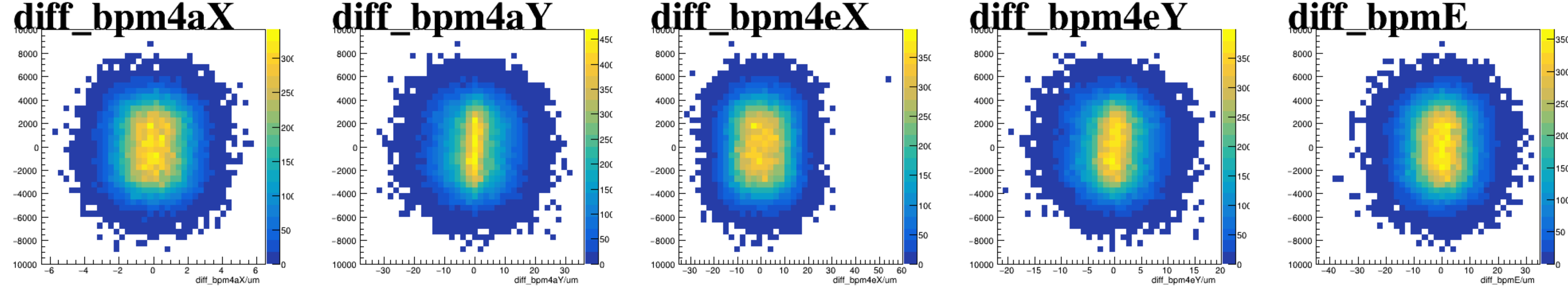
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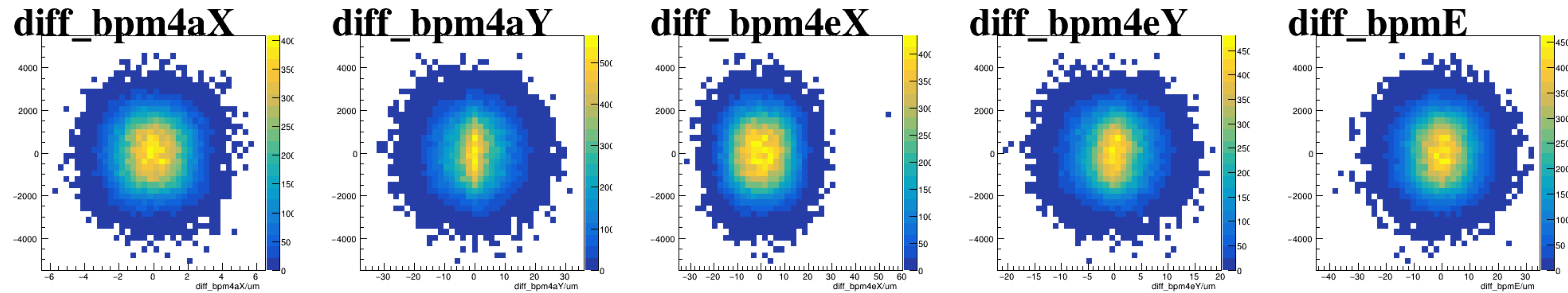
asym_sam8



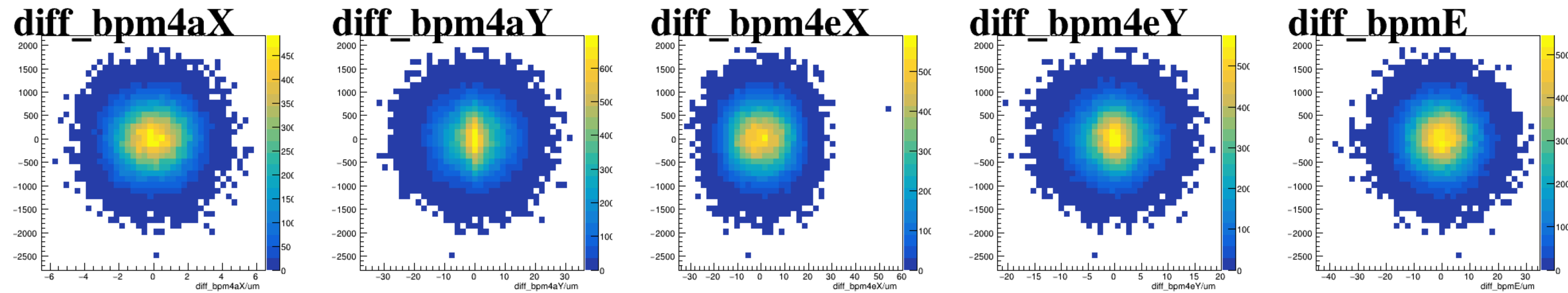
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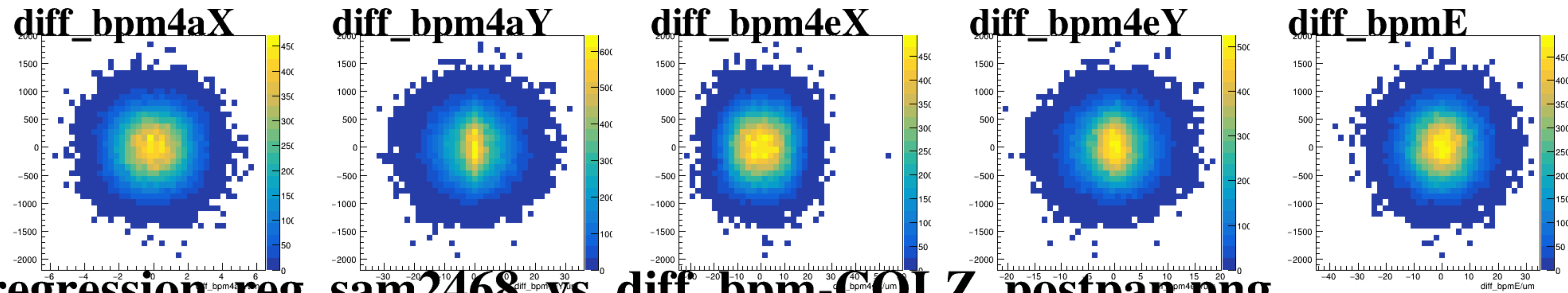
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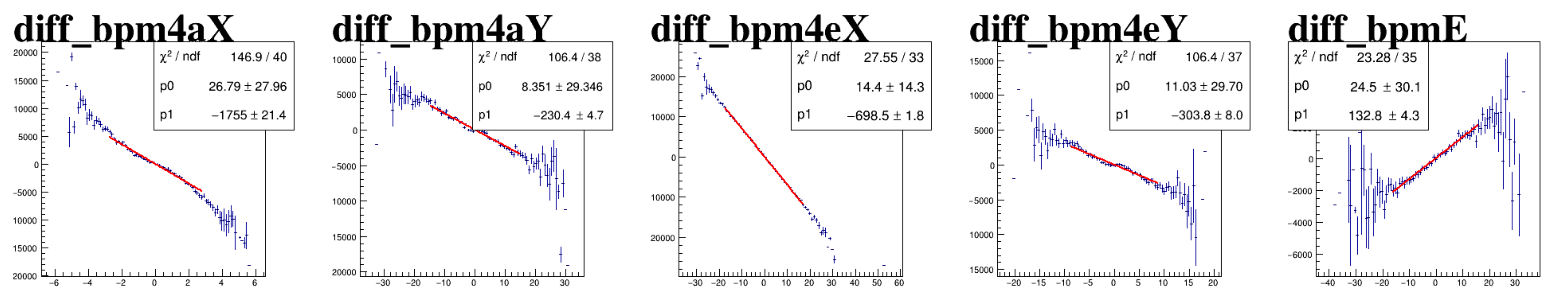
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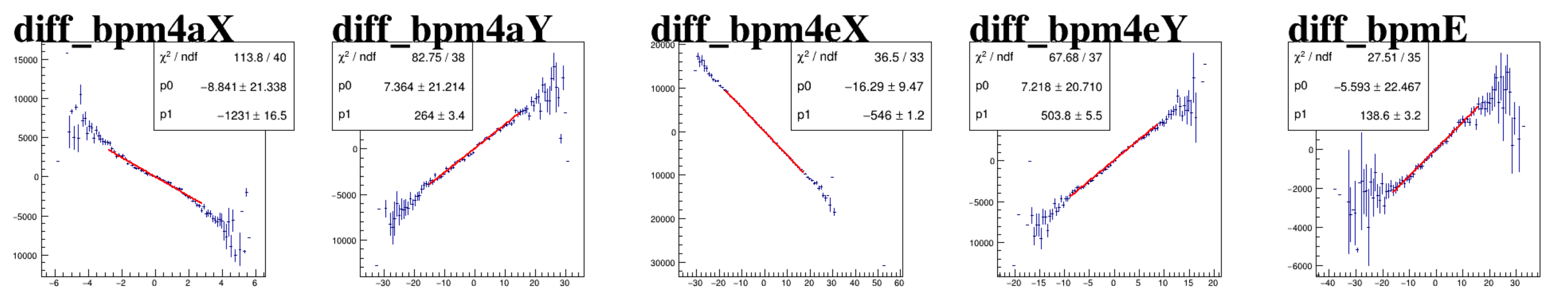
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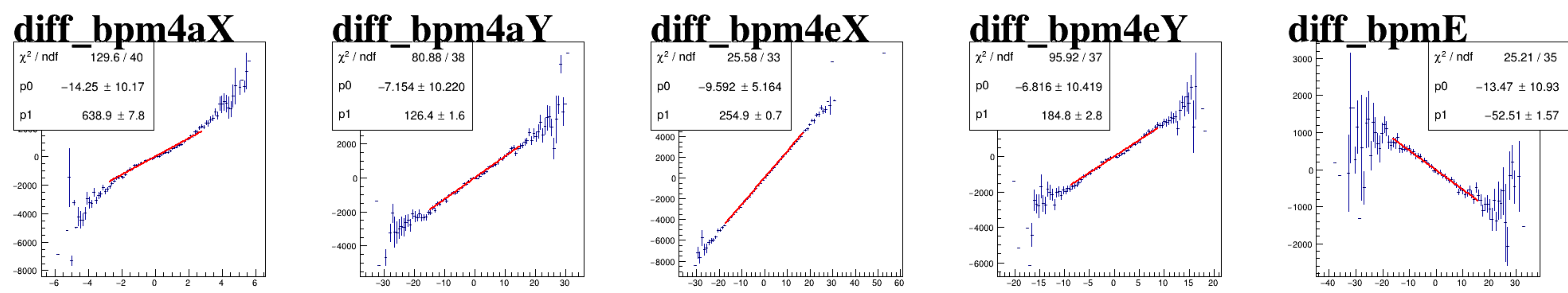
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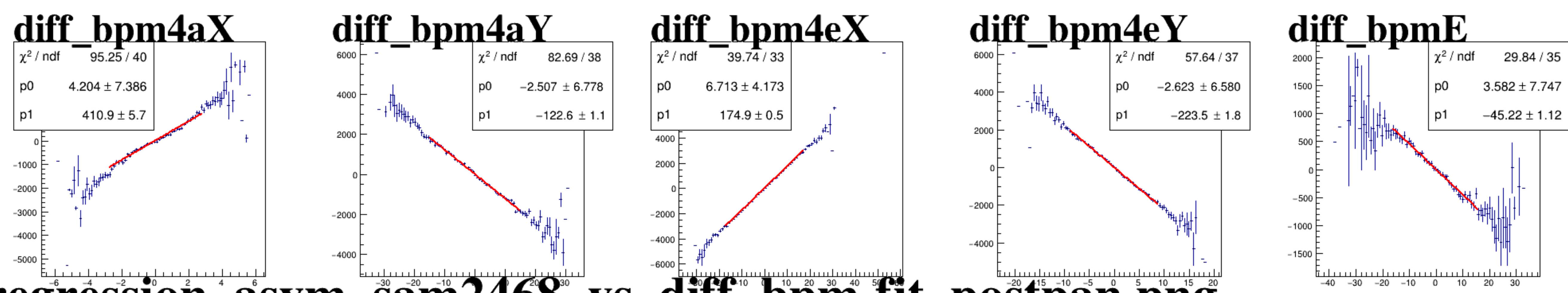
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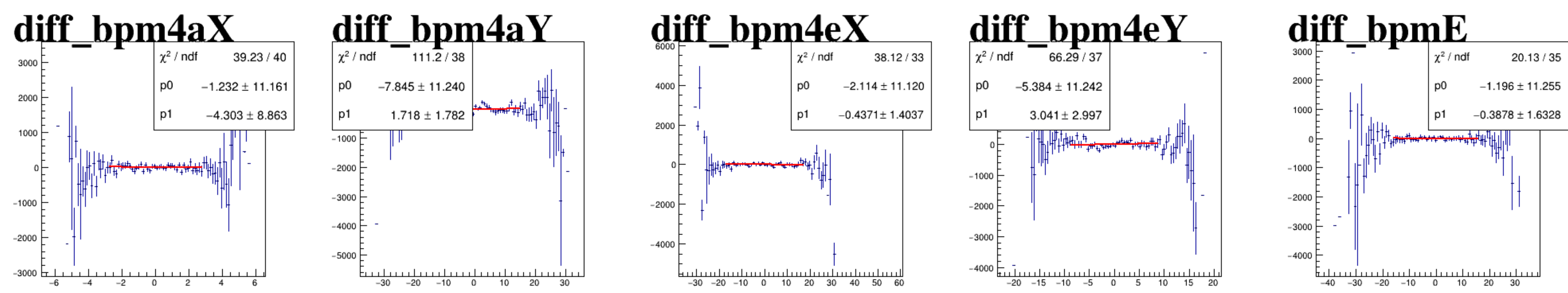
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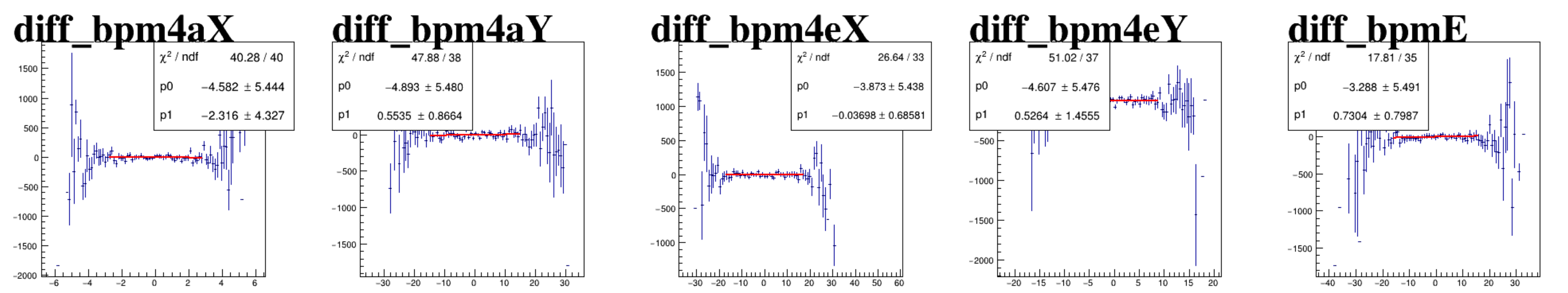
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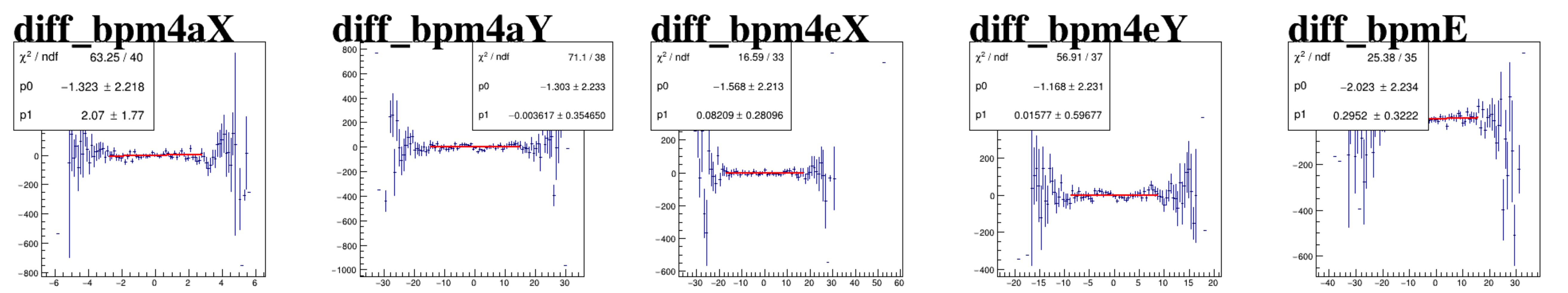
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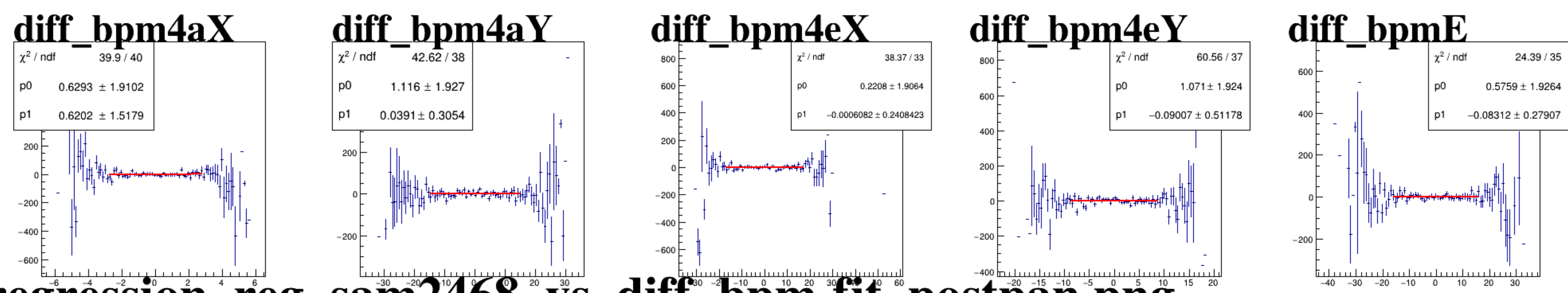
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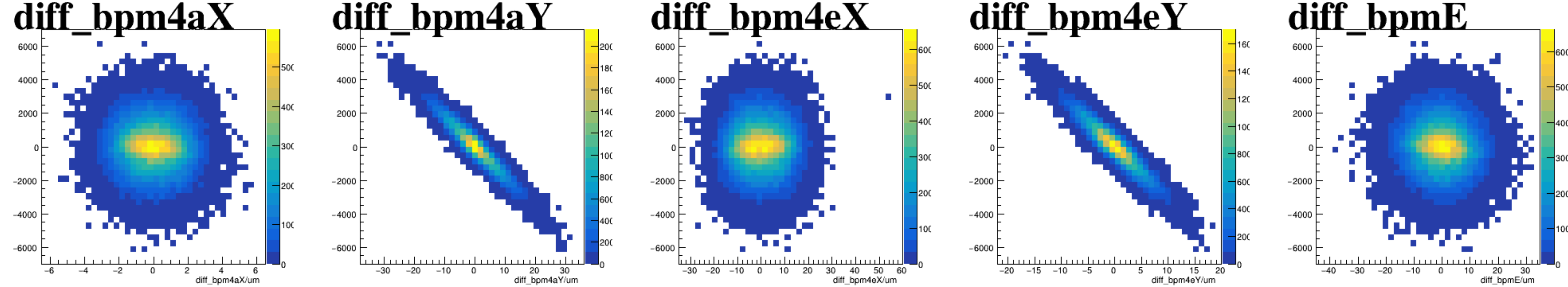
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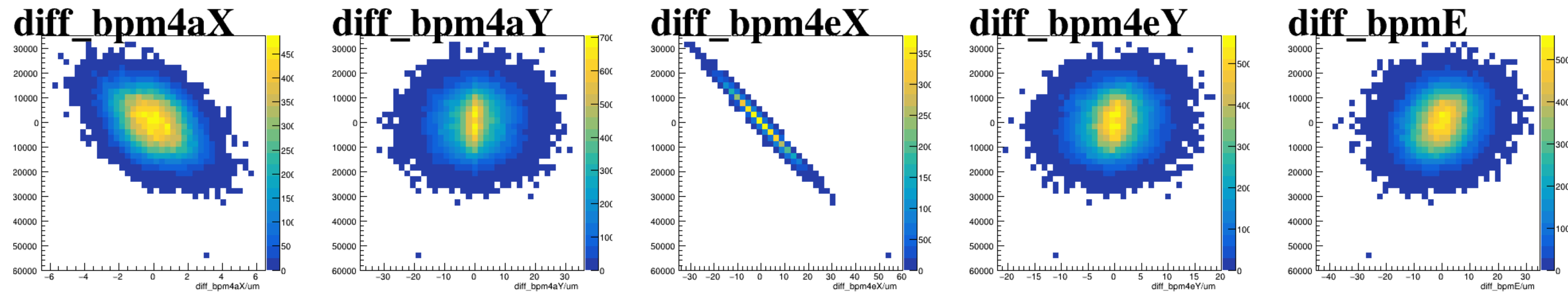
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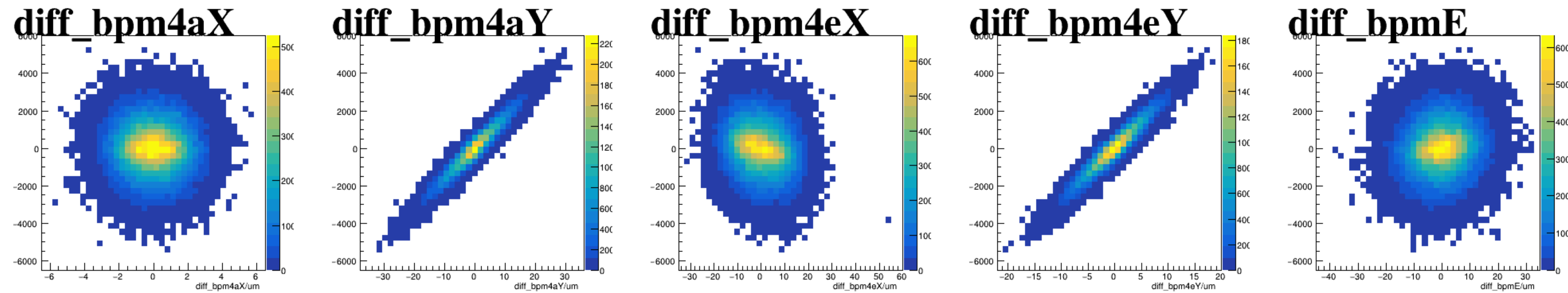
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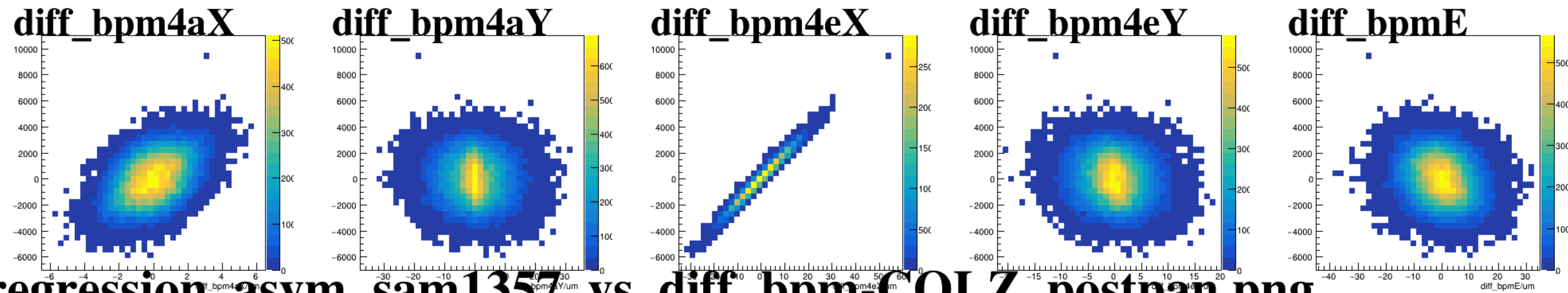
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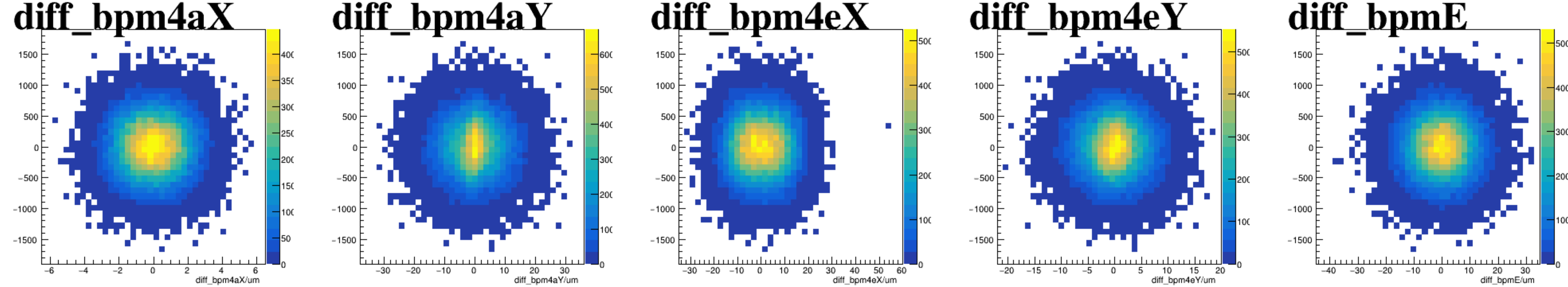
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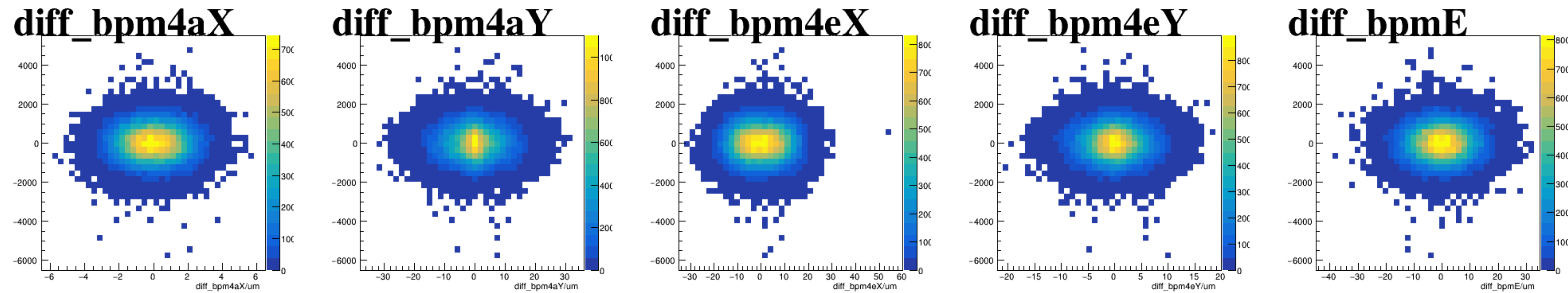
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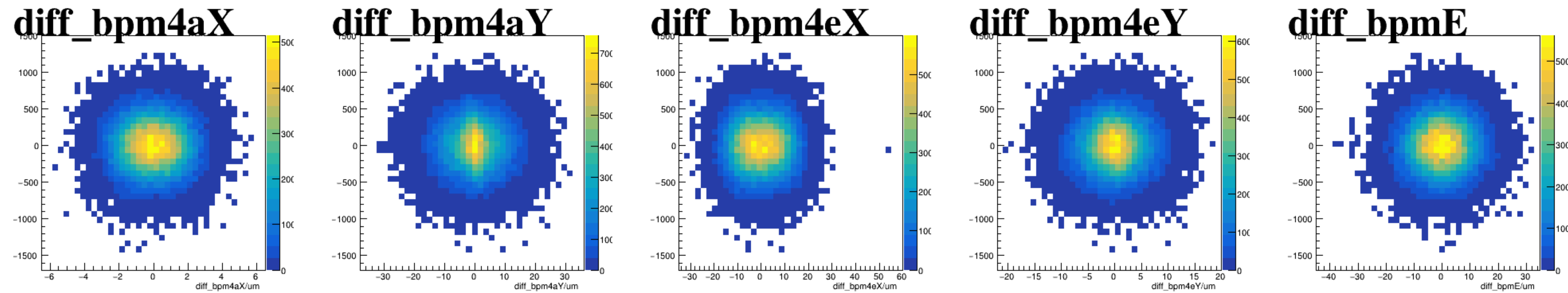
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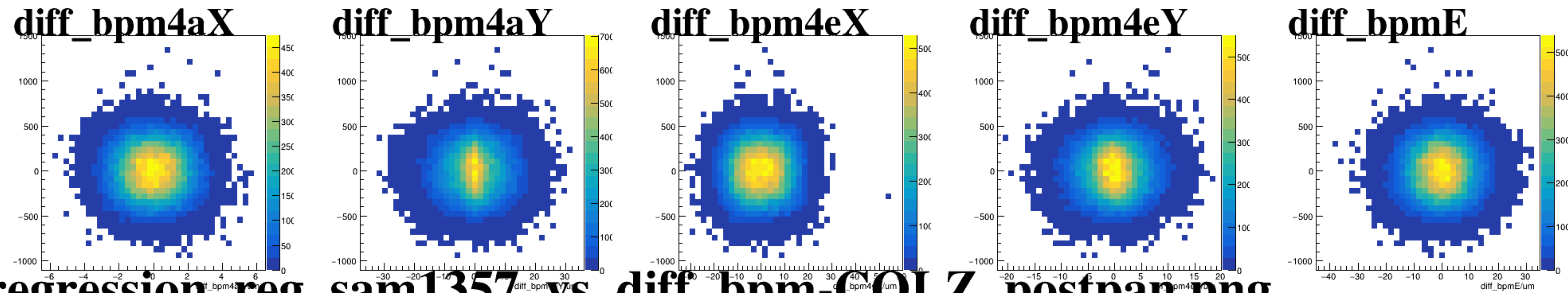
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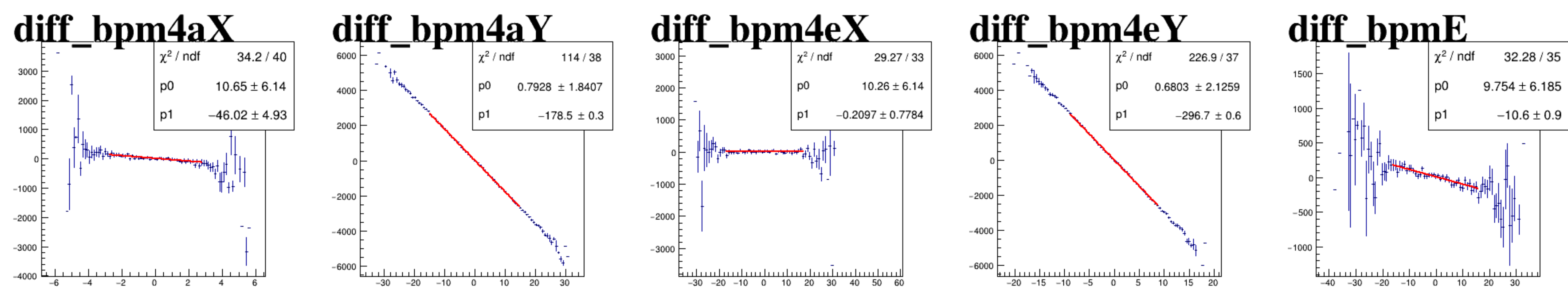
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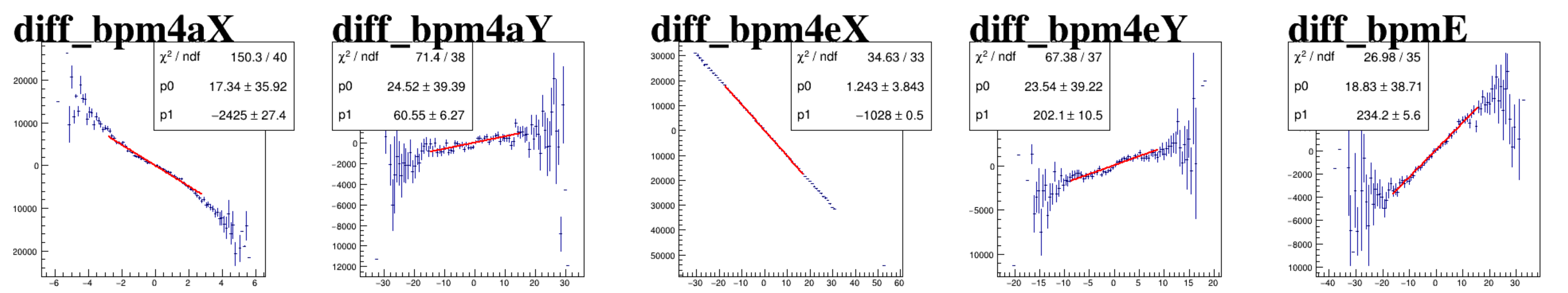
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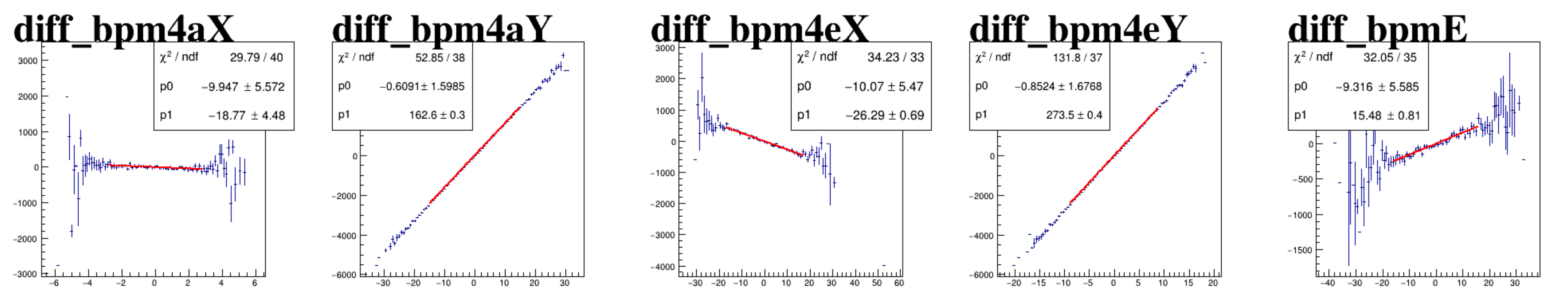
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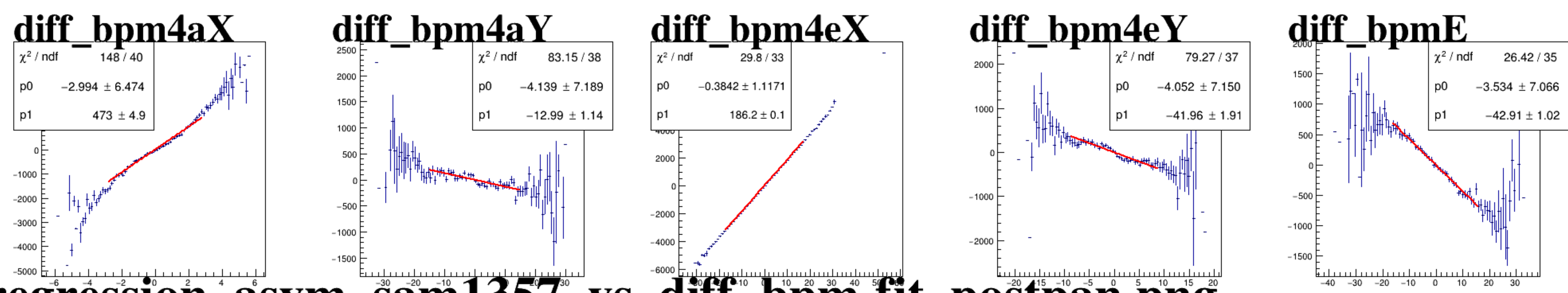
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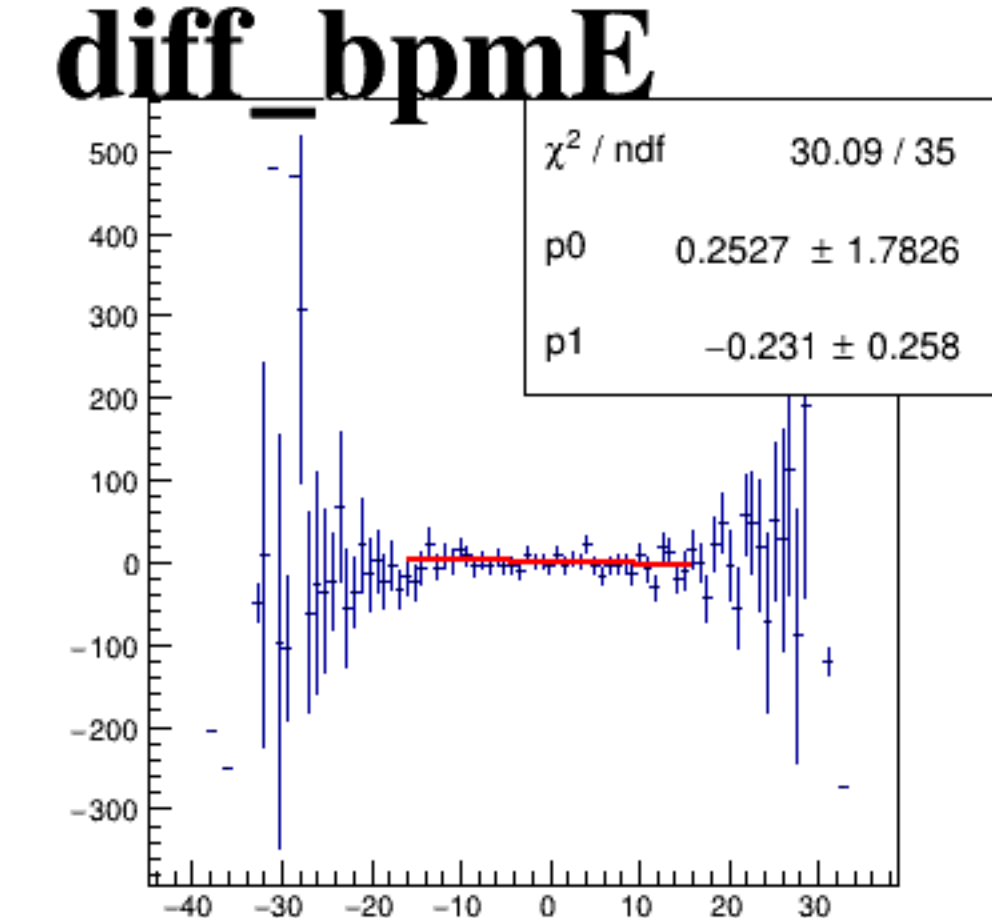
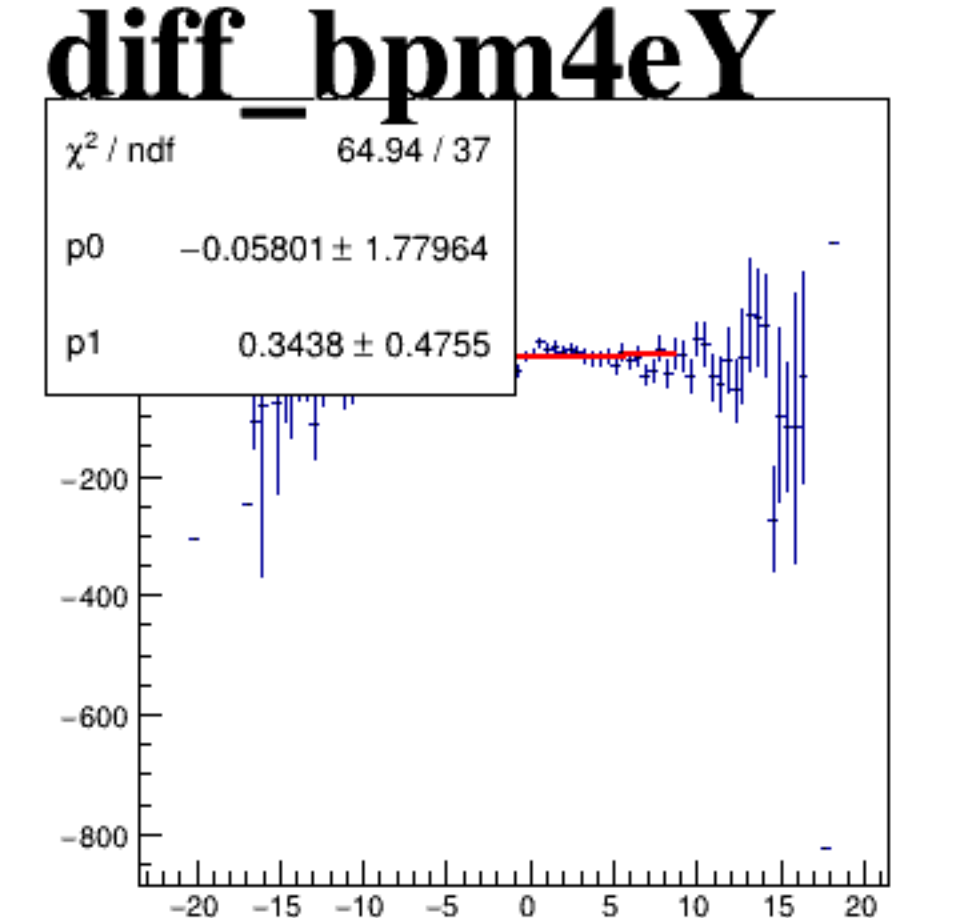
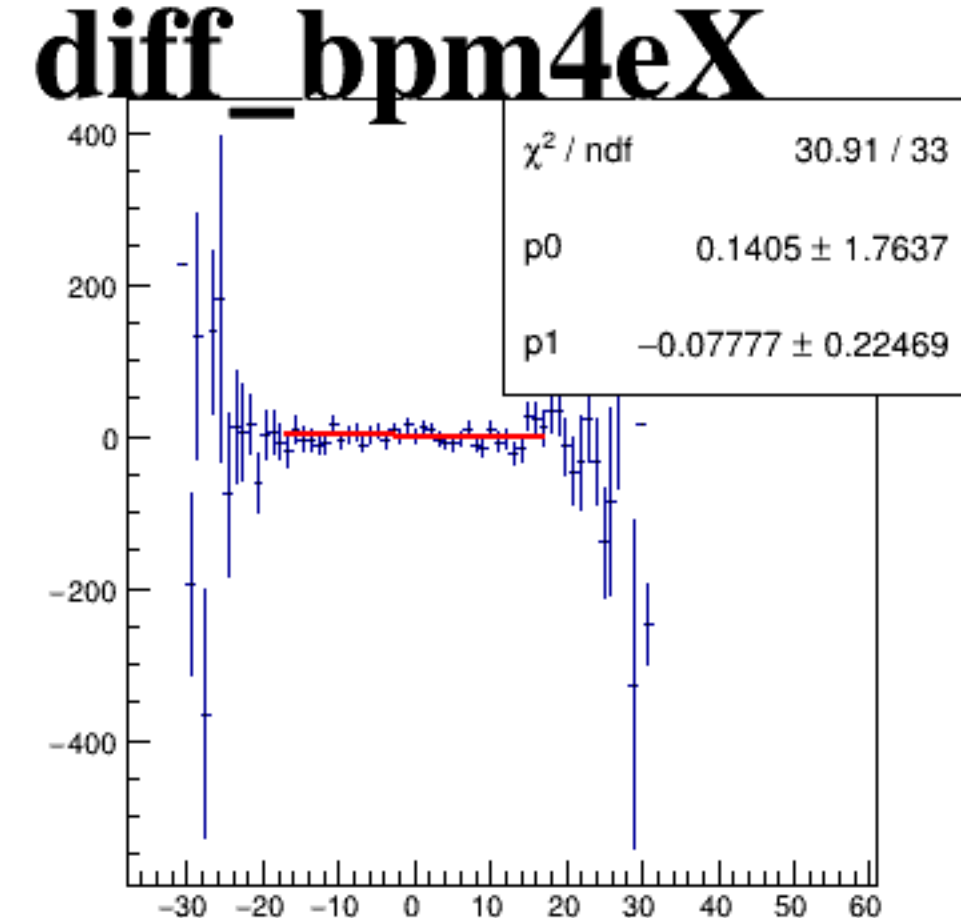
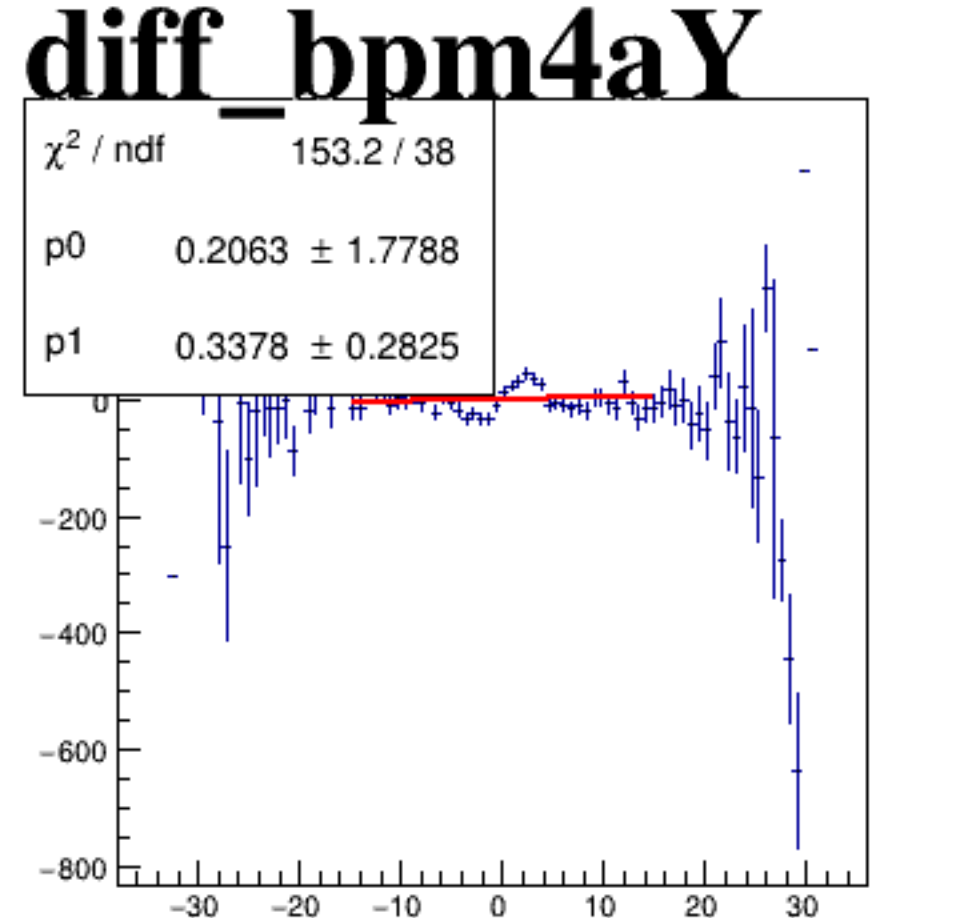
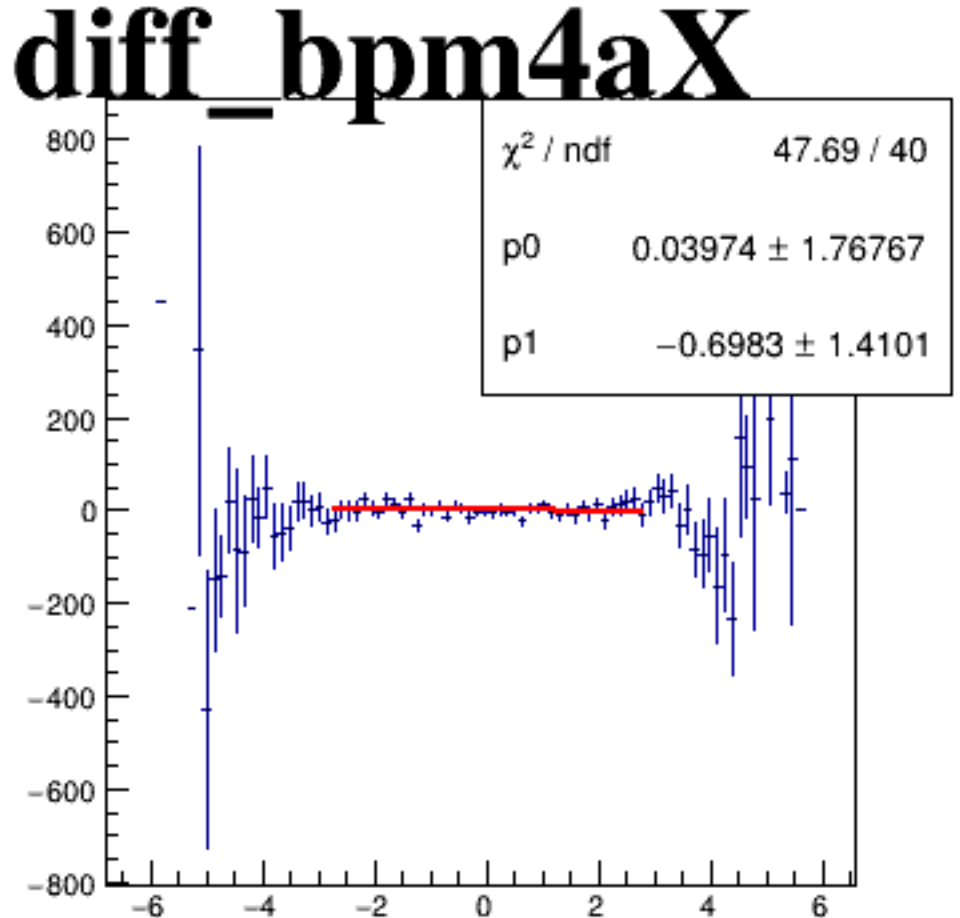
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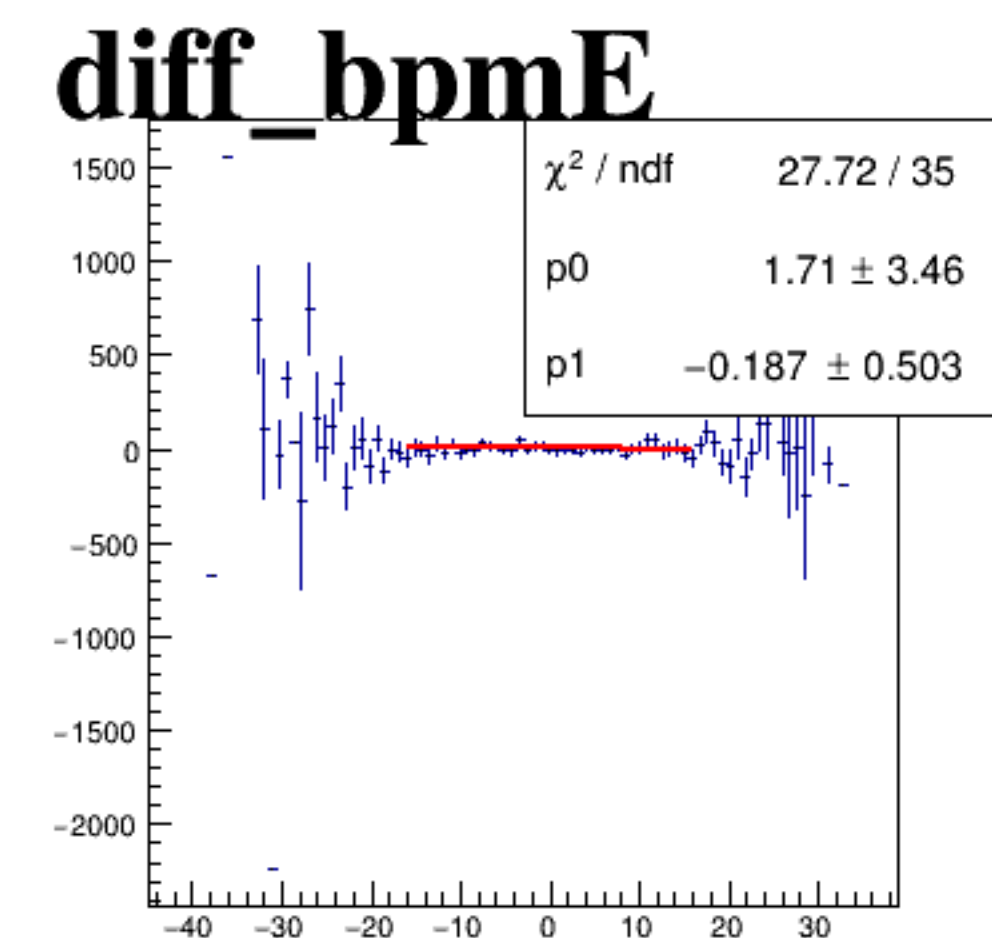
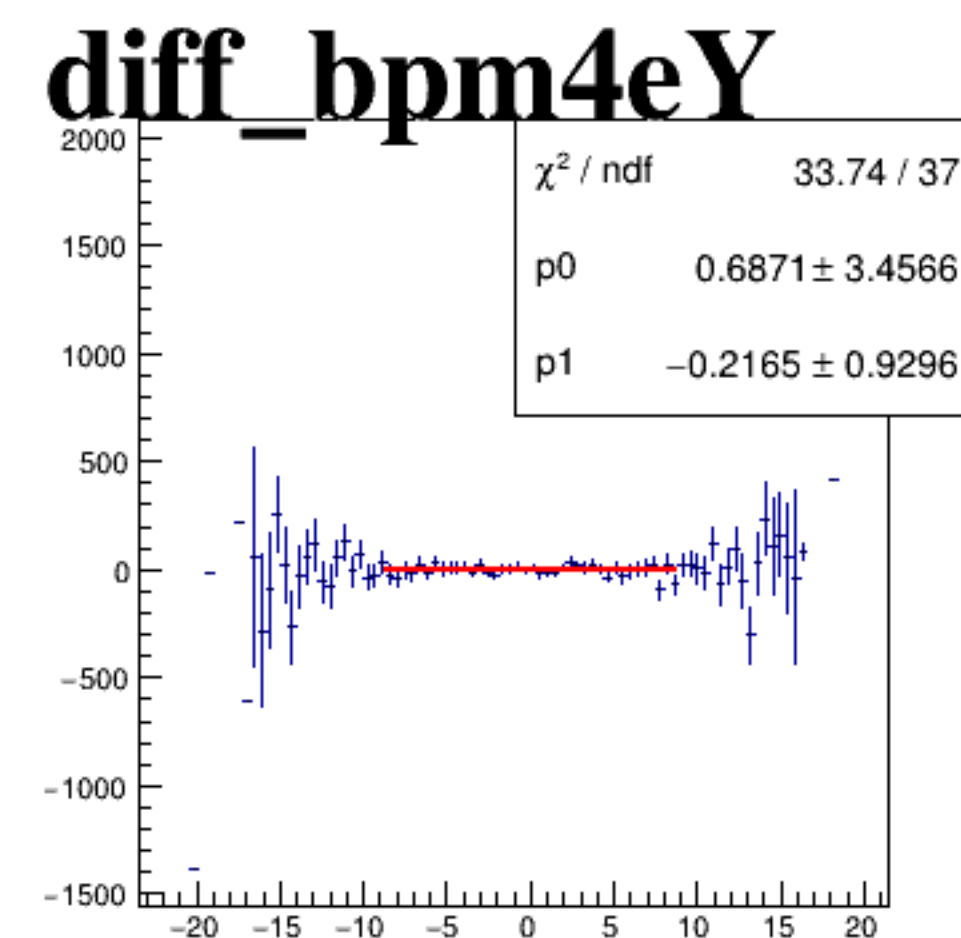
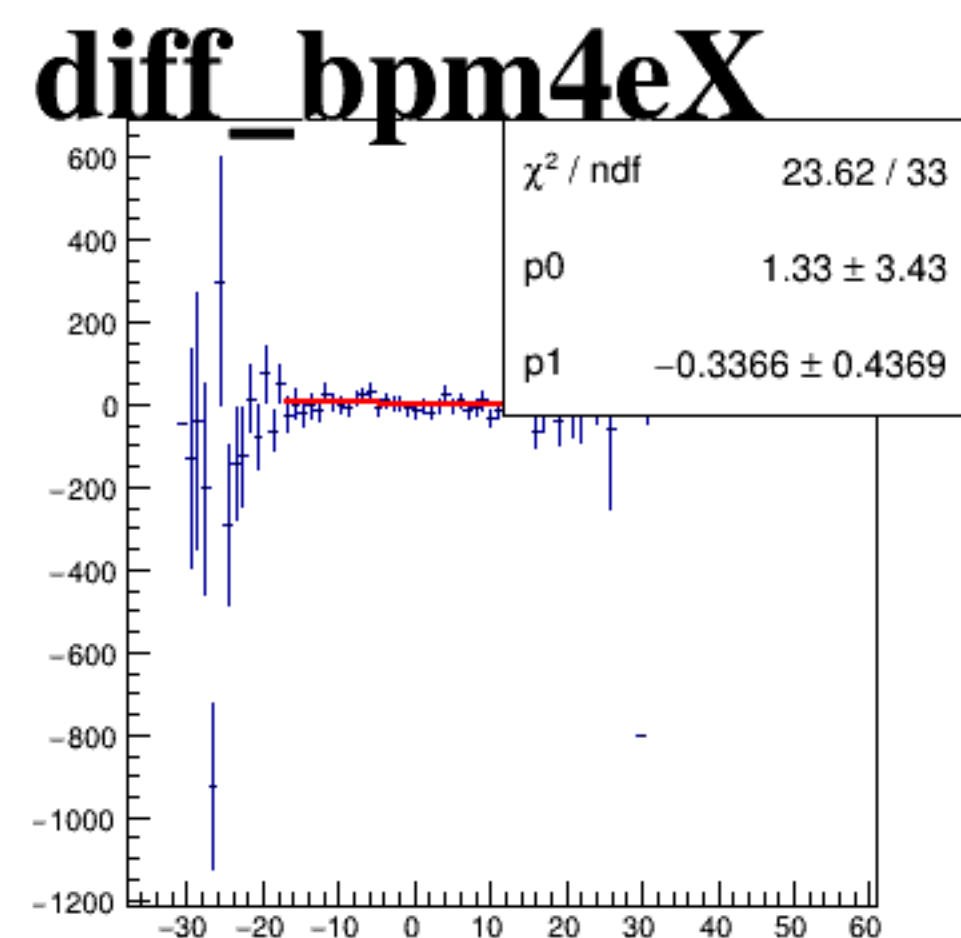
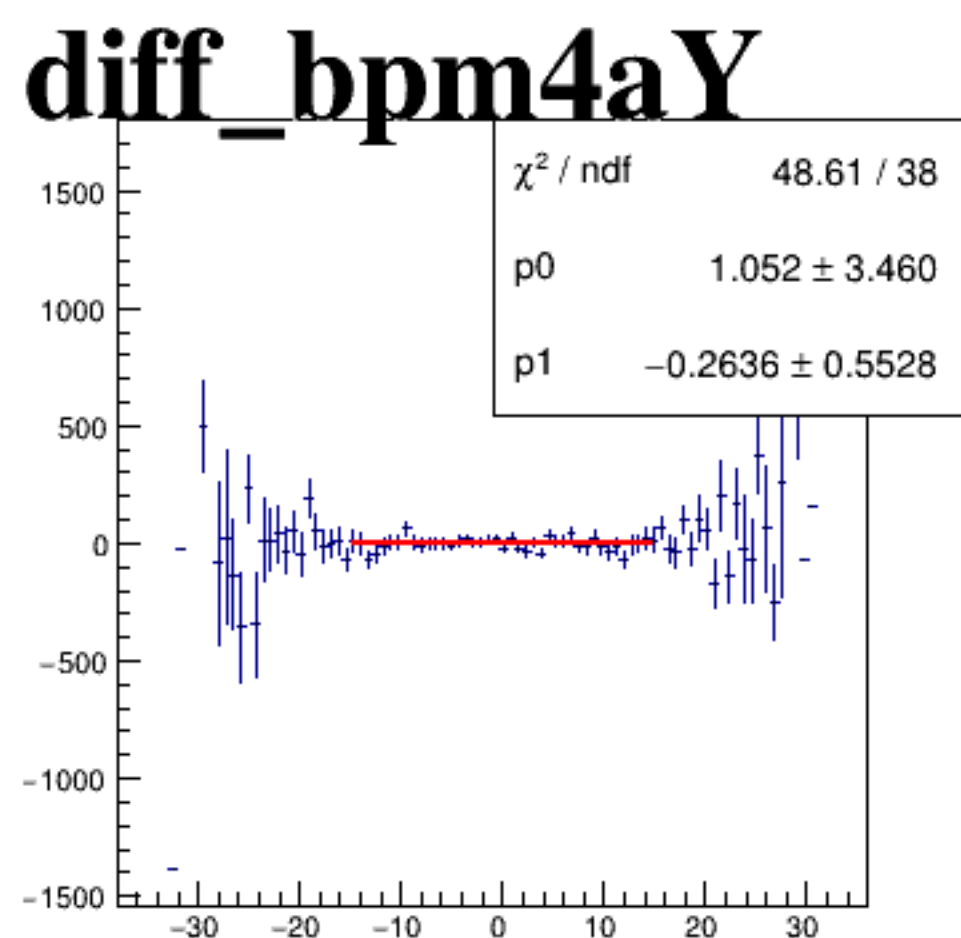
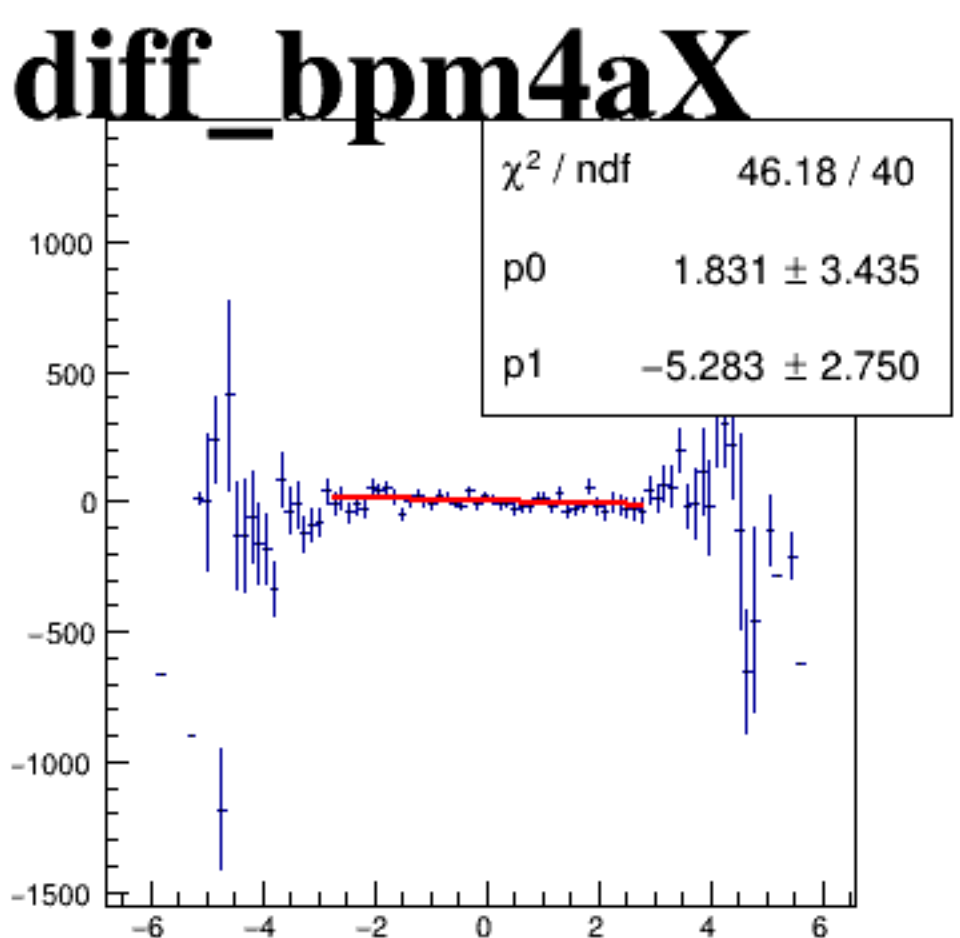
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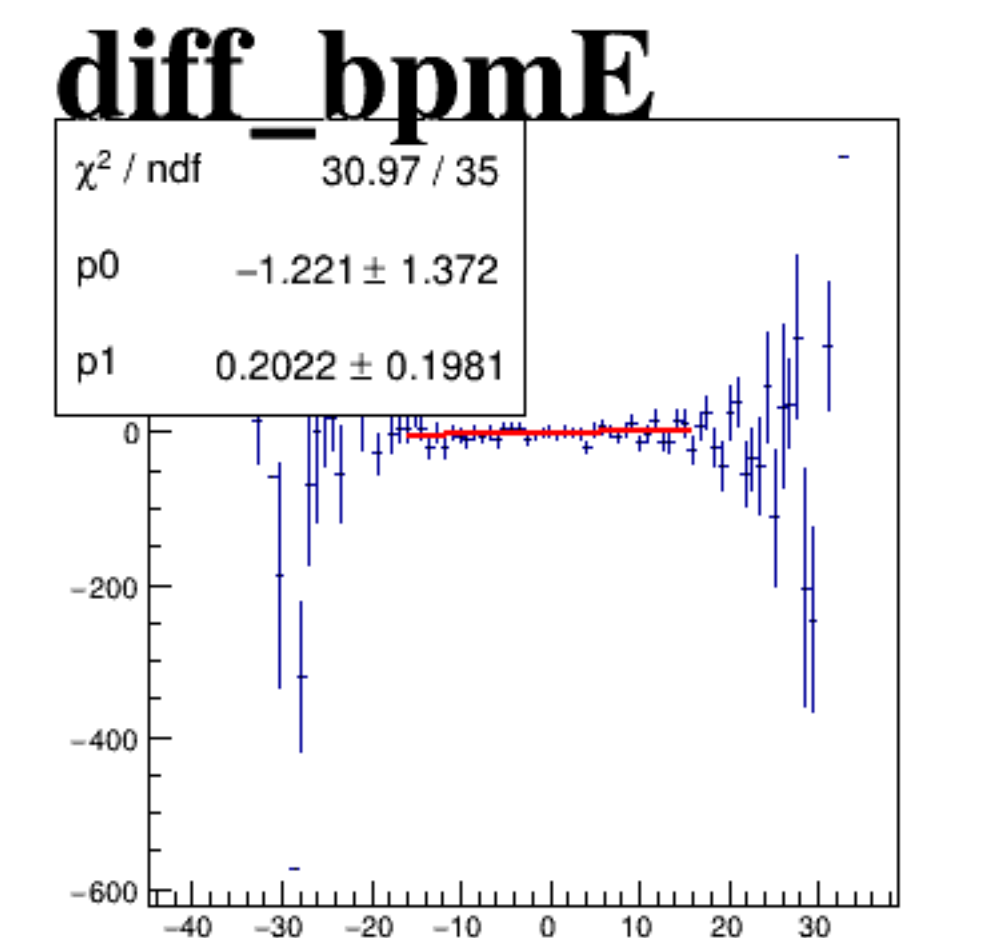
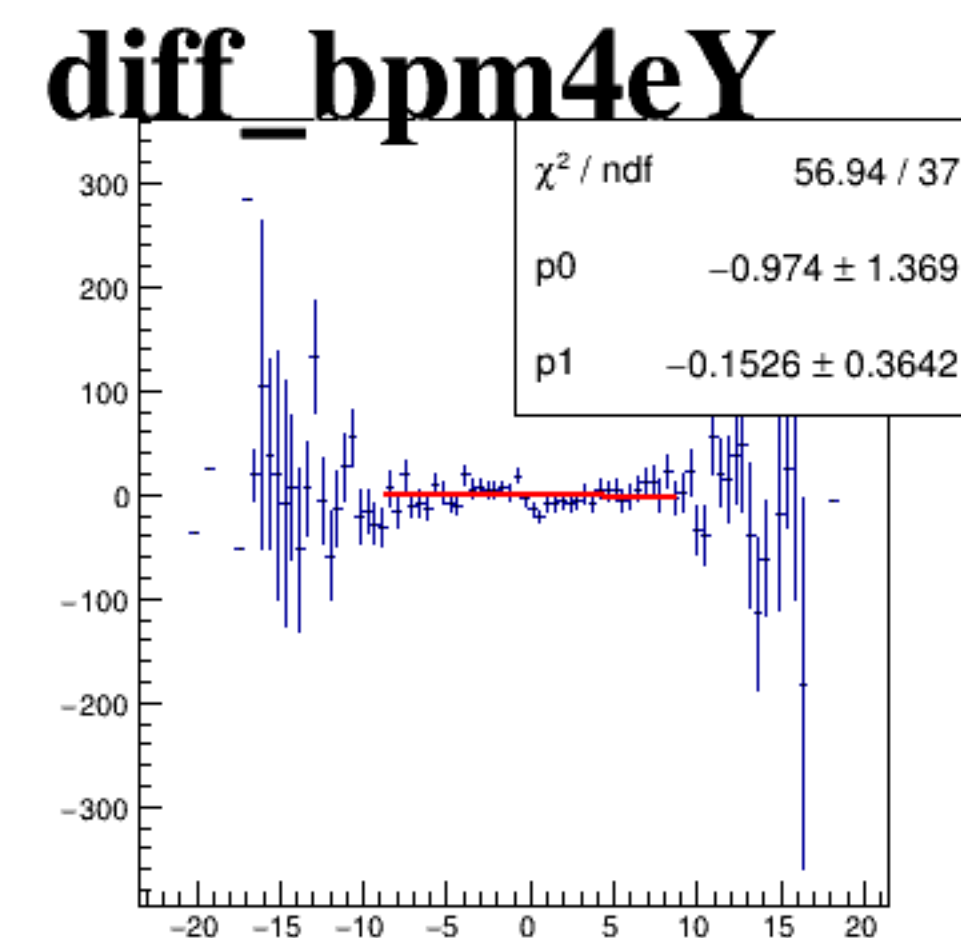
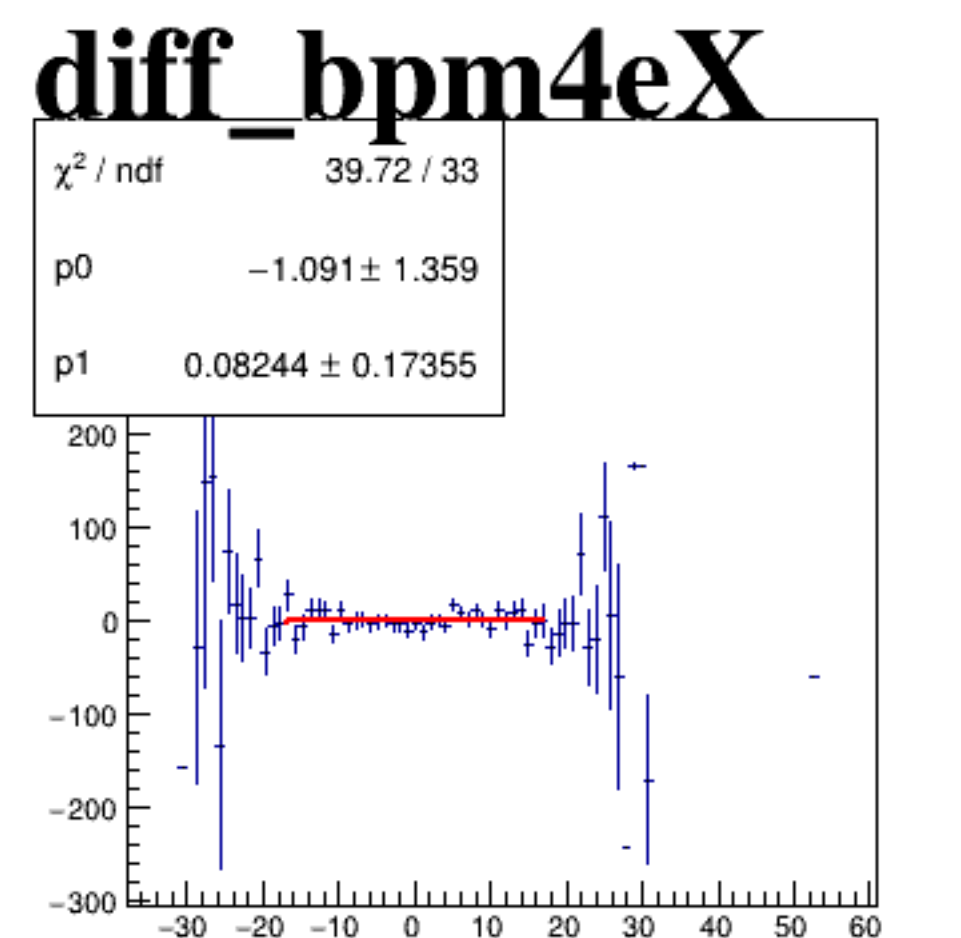
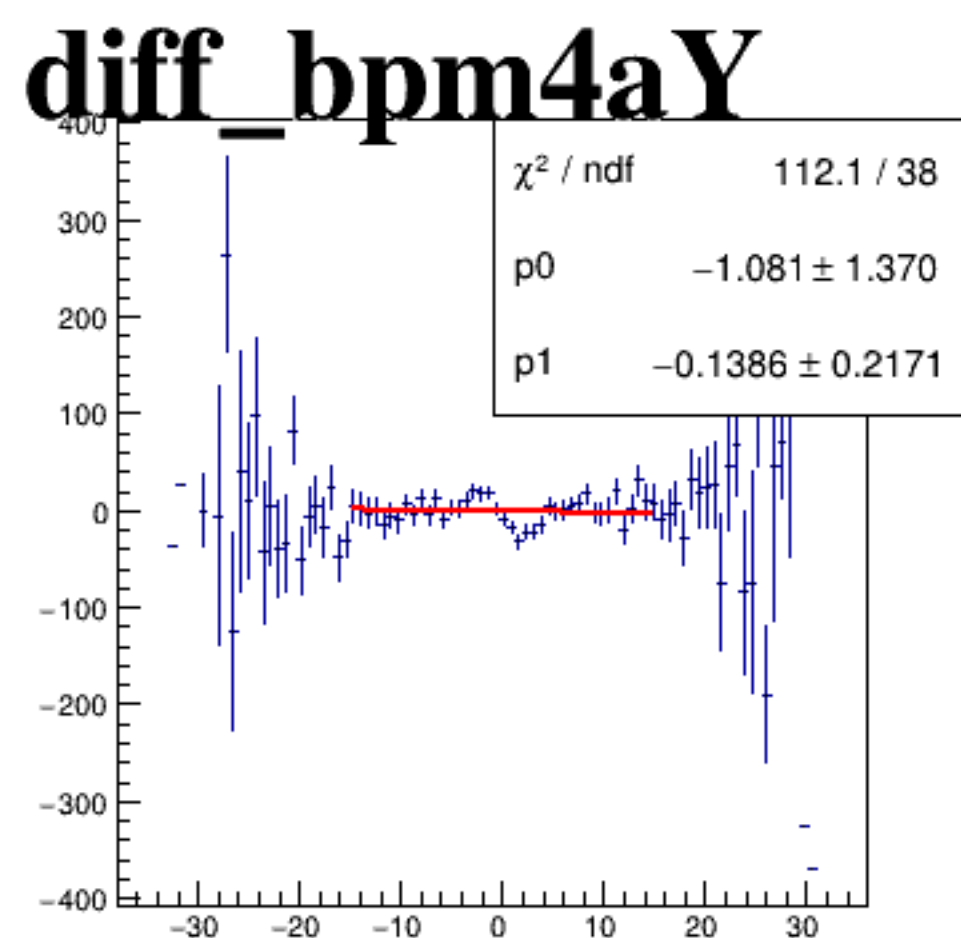
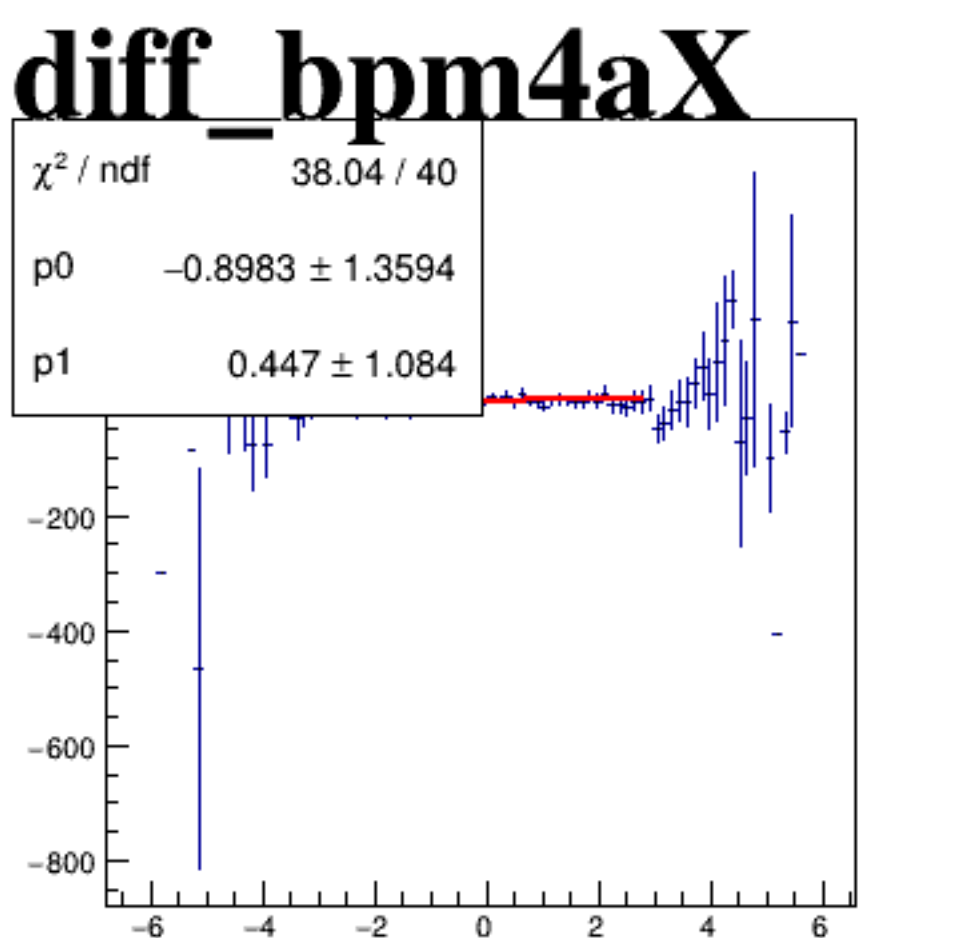
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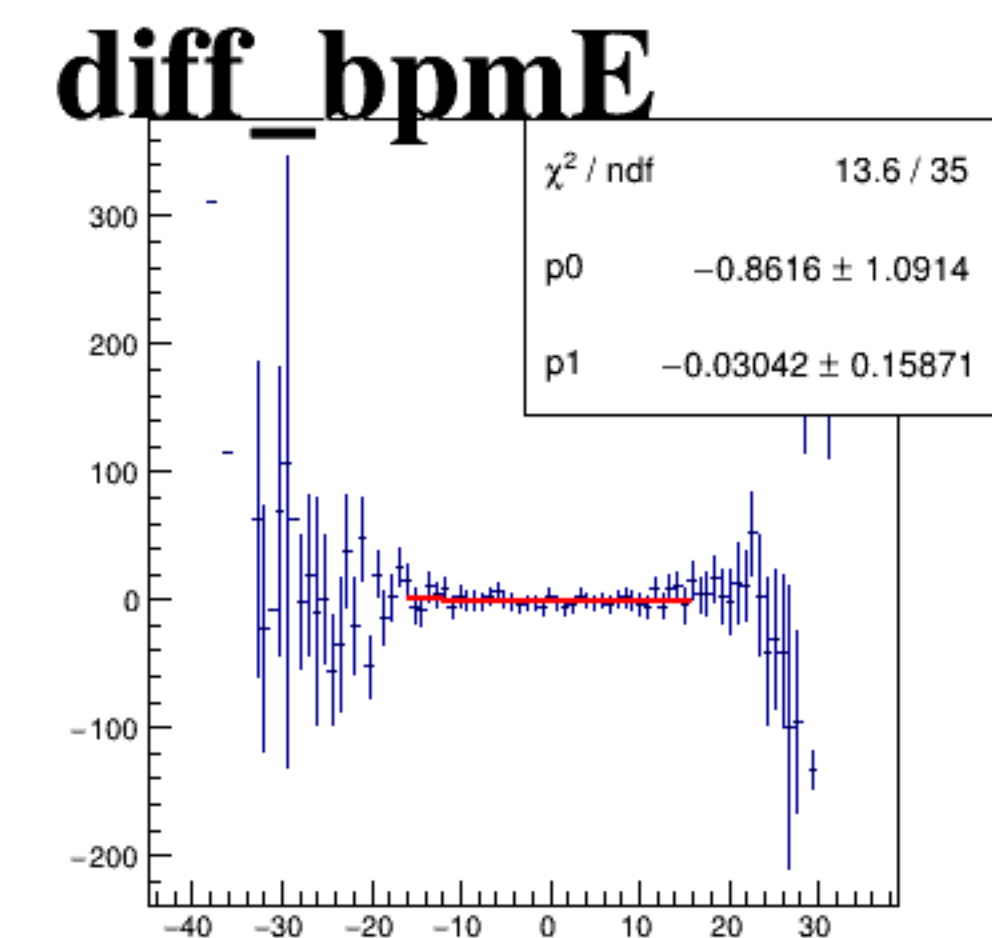
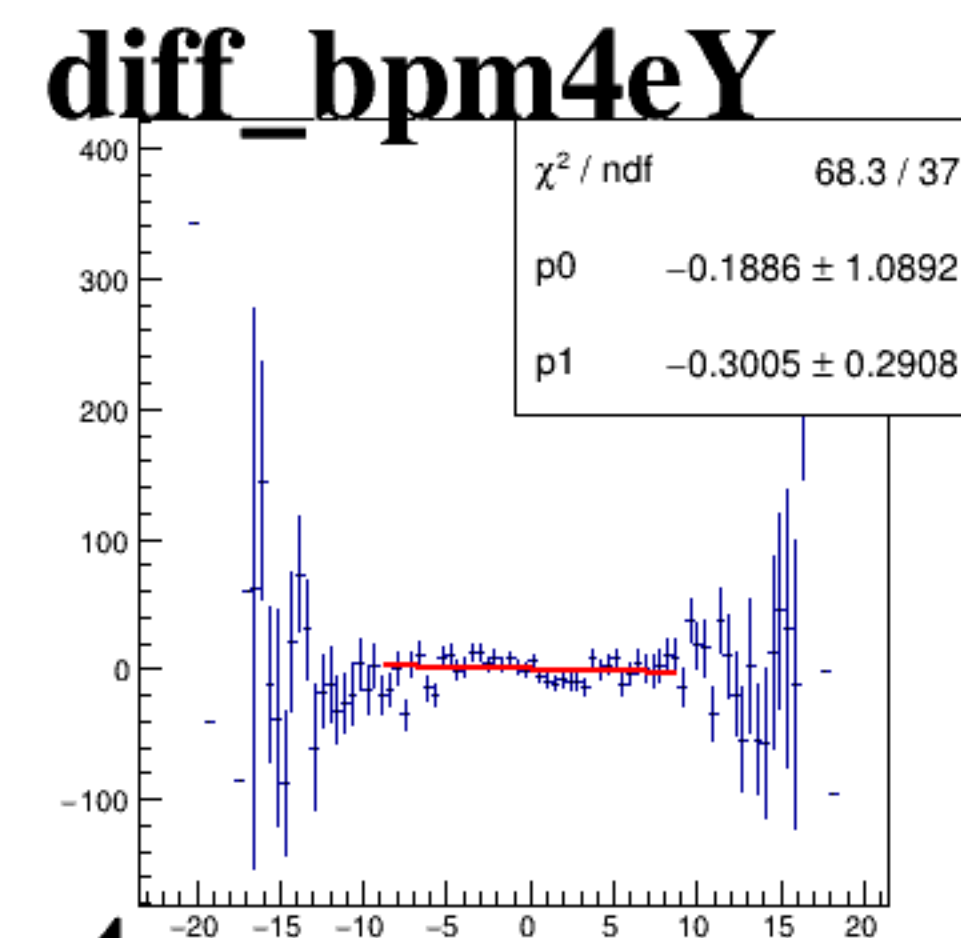
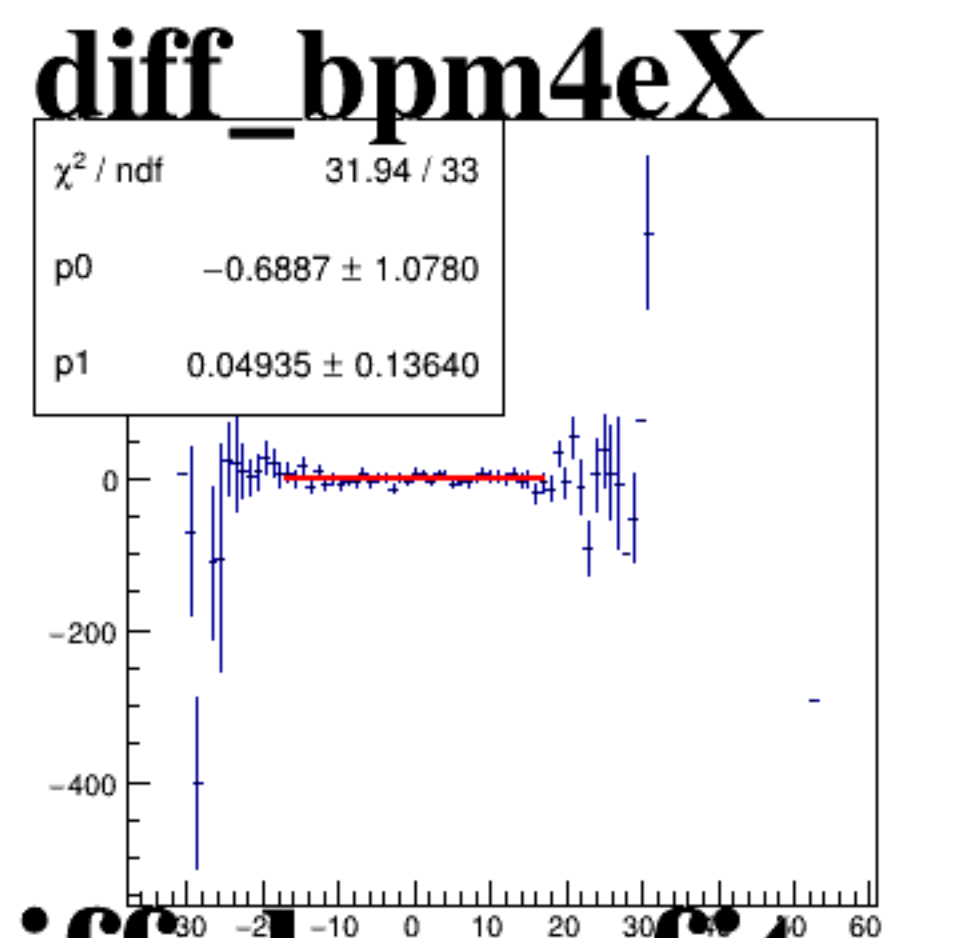
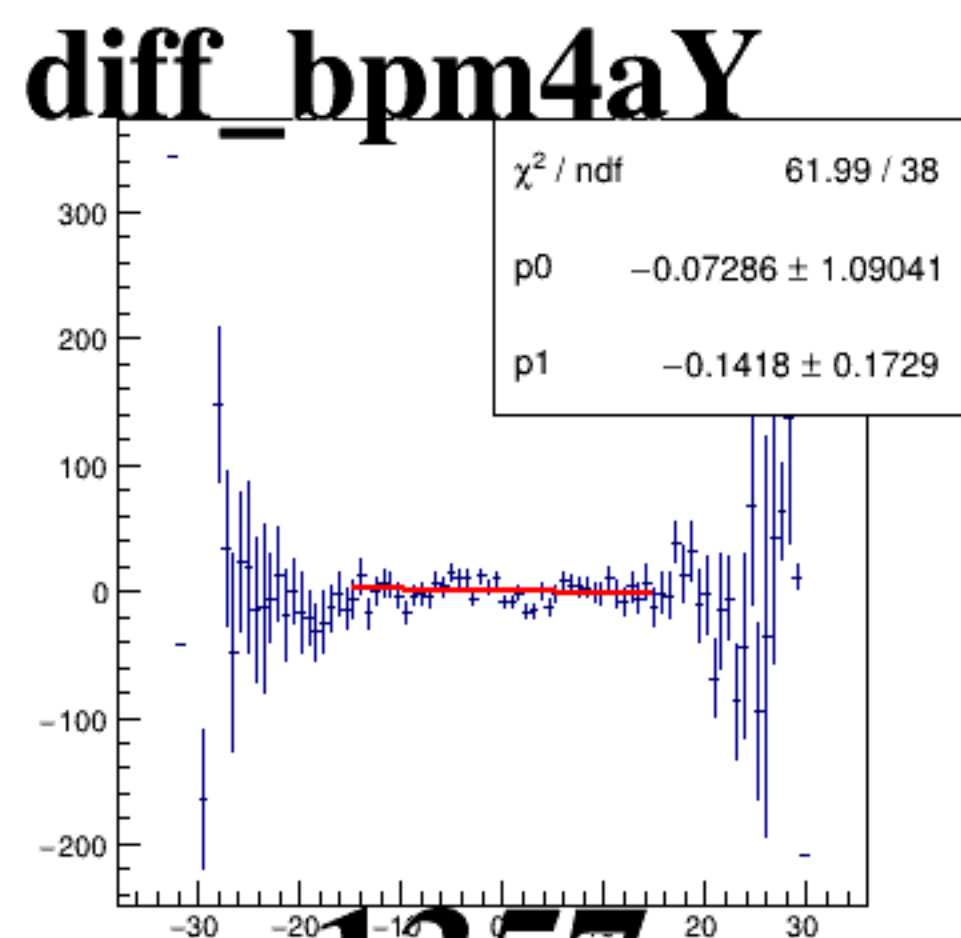
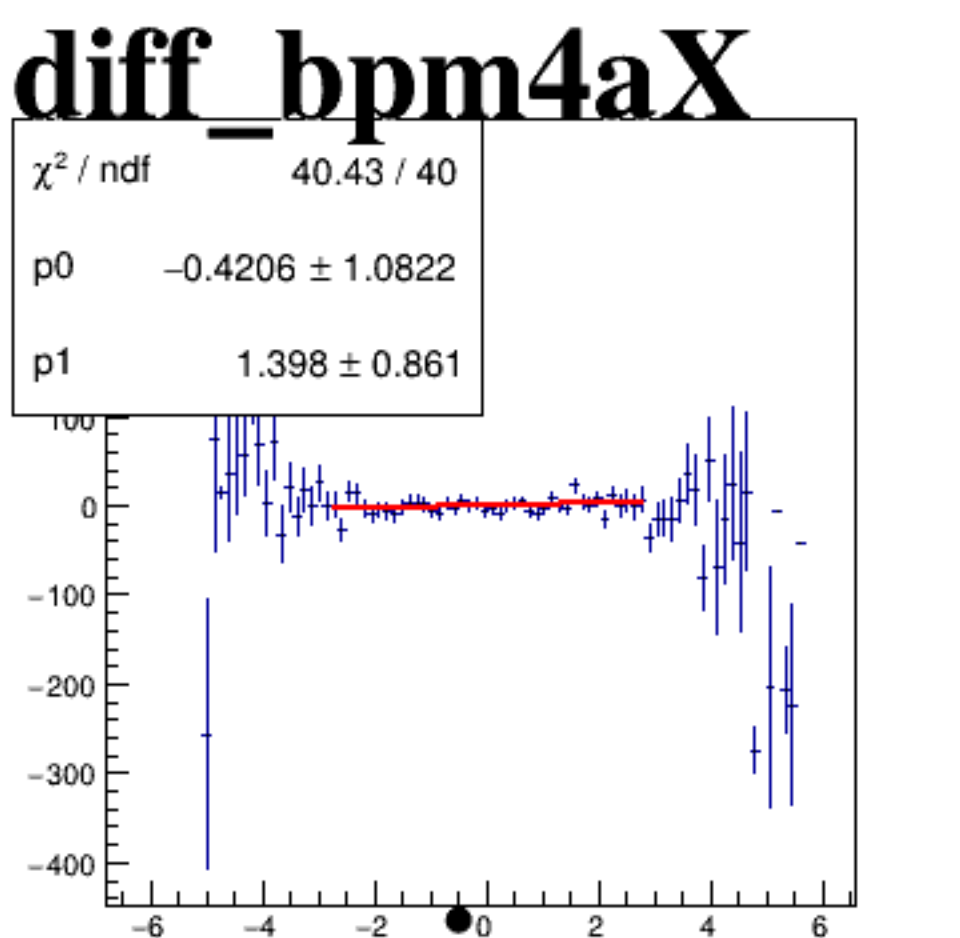
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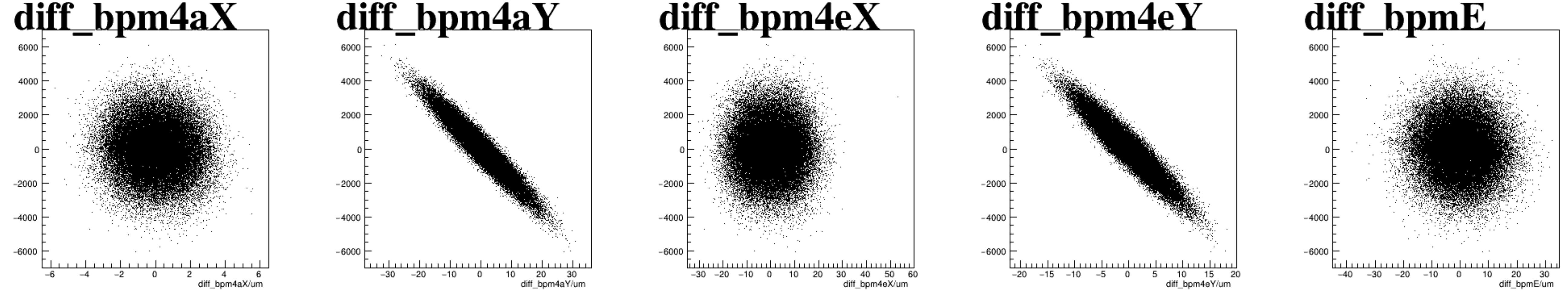
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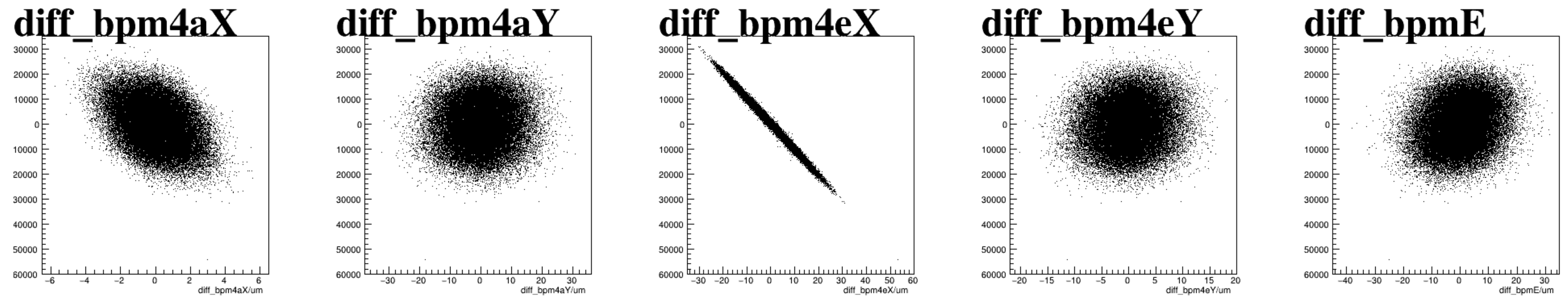
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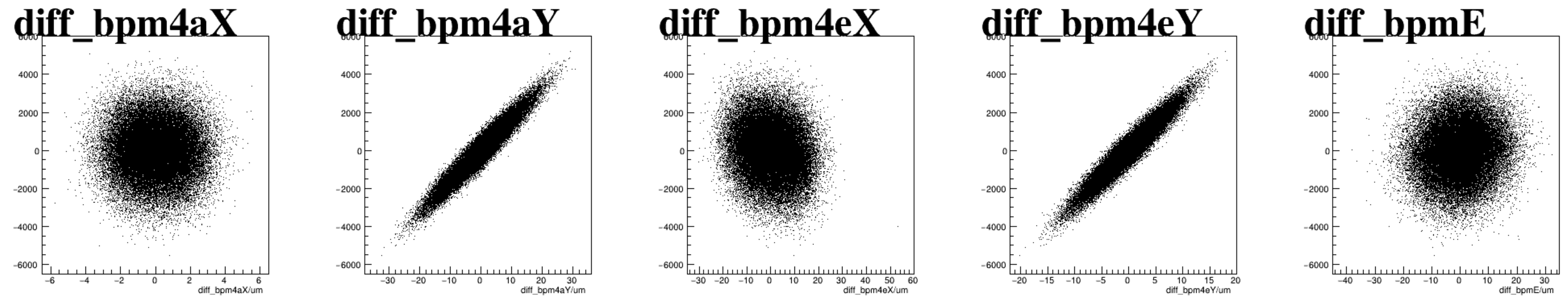
asym_sam1



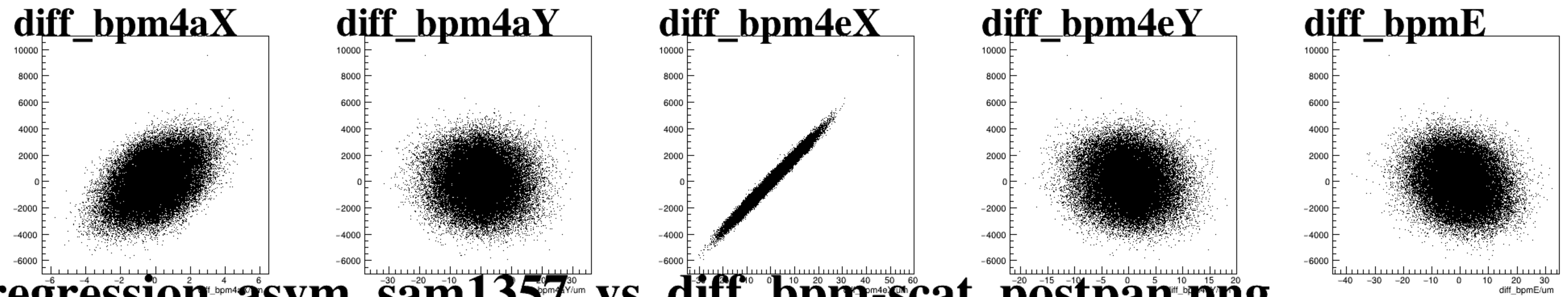
asym_sam3



asym_sam5



asym_sam7



The figure displays five scatter plots arranged horizontally, each showing the distribution of difference coordinates for a specific BPM. The plots are titled: **diff_bpm4aX**, **diff_bpm4aY**, **diff_bpm4eX**, **diff_bpm4eY**, and **diff_bpmE**. Each plot shows a dense, roughly circular cloud of points centered at (0,0). The axes are labeled with the difference coordinate and a unit 'um'.

- diff_bpm4aX**: The x-axis ranges from -6 to 6, and the y-axis ranges from -1500 to 1500.
- diff_bpm4aY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -1500 to 1500.
- diff_bpm4eX**: The x-axis ranges from -30 to 60, and the y-axis ranges from -1500 to 1500.
- diff_bpm4eY**: The x-axis ranges from -20 to 20, and the y-axis ranges from -1500 to 1500.
- diff_bpmE**: The x-axis ranges from -40 to 30, and the y-axis ranges from -1500 to 1500.

The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different variable. The y-axis for all plots ranges from -6000 to 4000. The x-axis for each plot is labeled as follows:

- diff_bpm4aX**: x-axis ranges from -6 to 6.
- diff_bpm4aY**: x-axis ranges from -30 to 30.
- diff_bpm4eX**: x-axis ranges from -30 to 60.
- diff_bpm4eY**: x-axis ranges from -20 to 20.
- diff_bpmE**: x-axis ranges from -40 to 30.

All plots show a dense, roughly circular cloud of points centered around zero, indicating a Gaussian-like distribution for each variable.

run4019_000_regression_reg_sam1357_vs_diff_bpm-scat_postpan.png