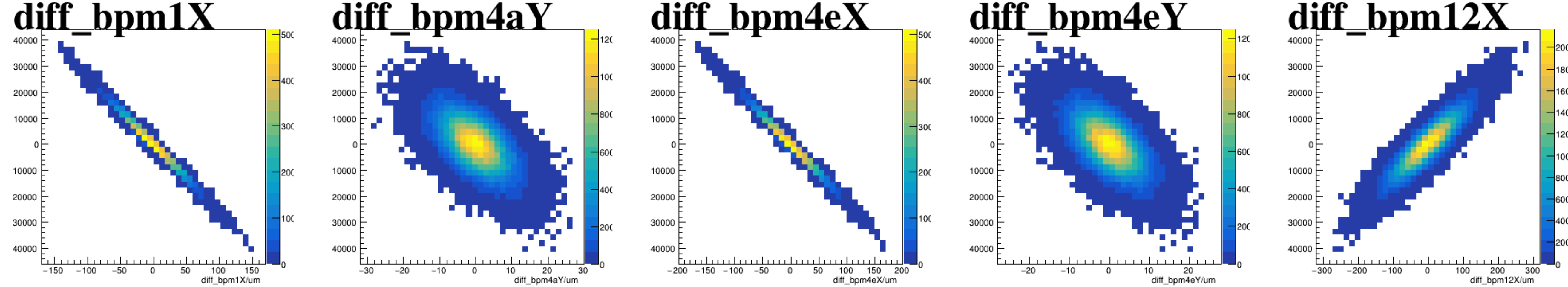
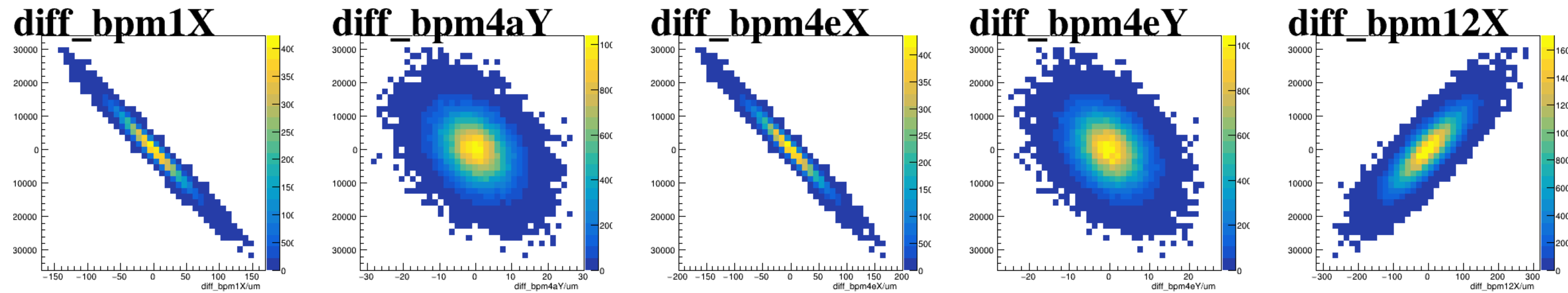


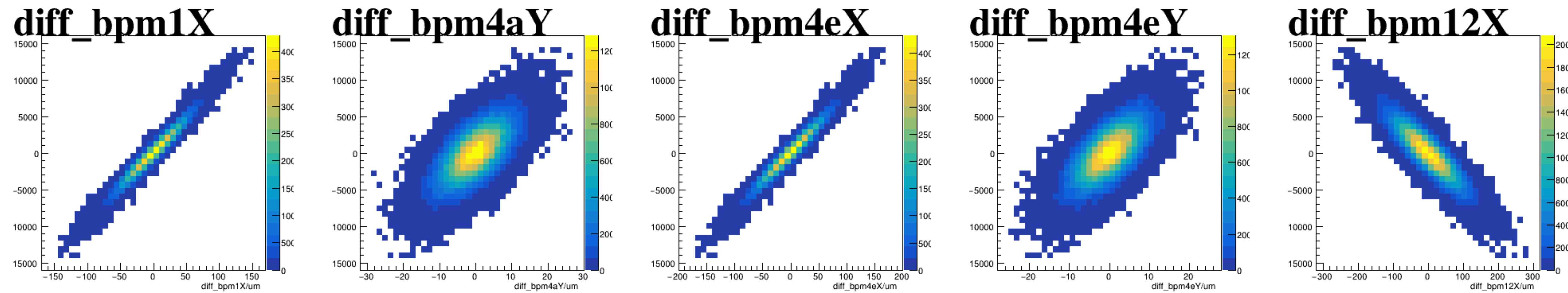
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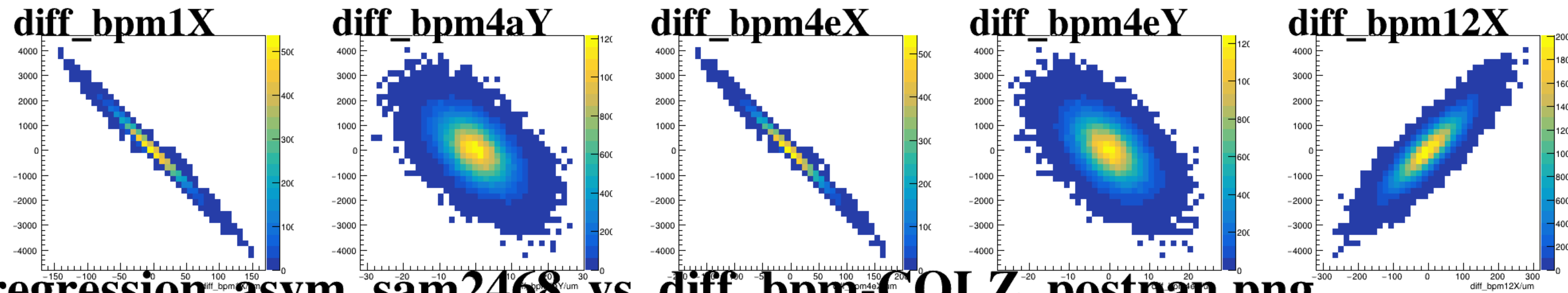
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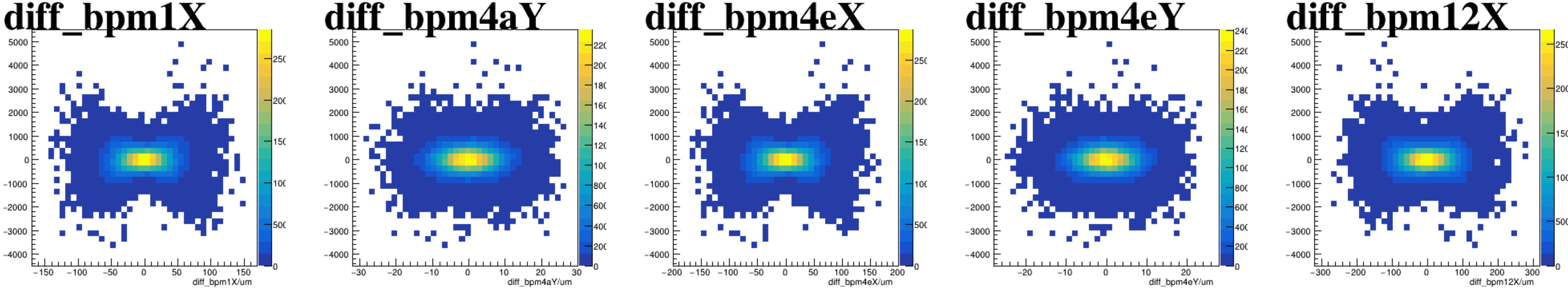
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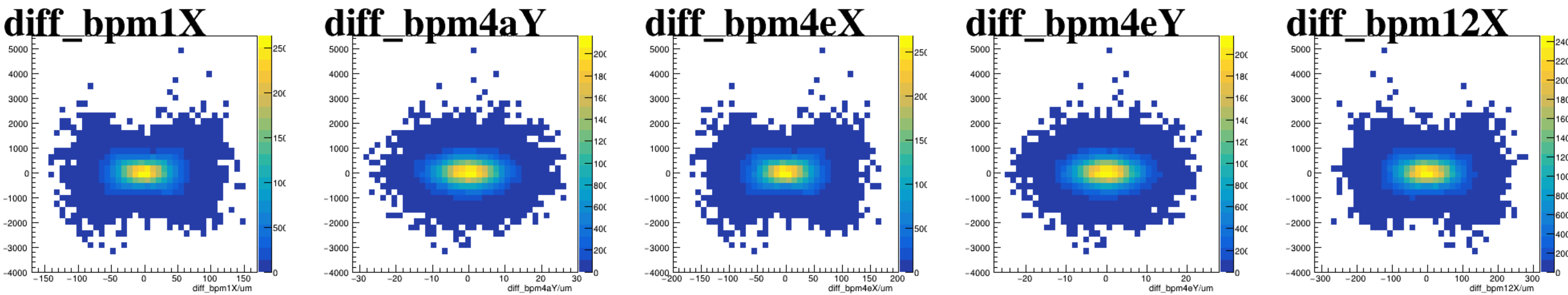
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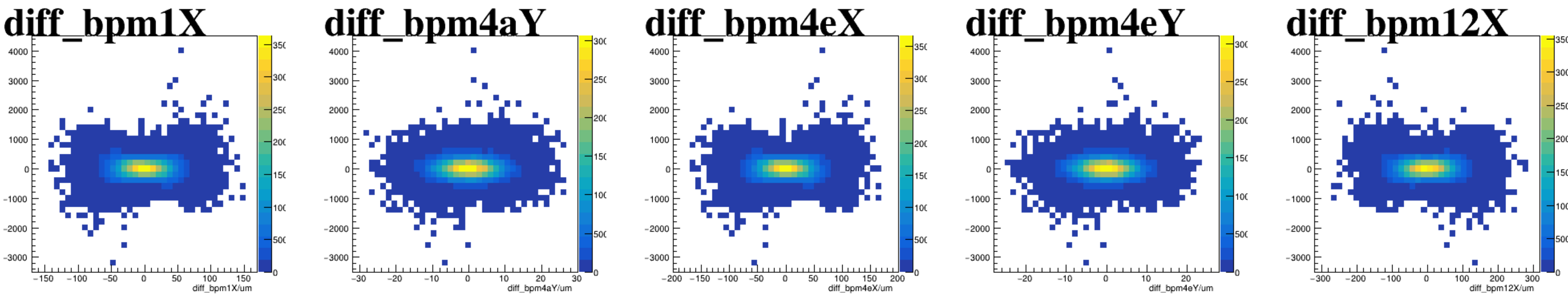
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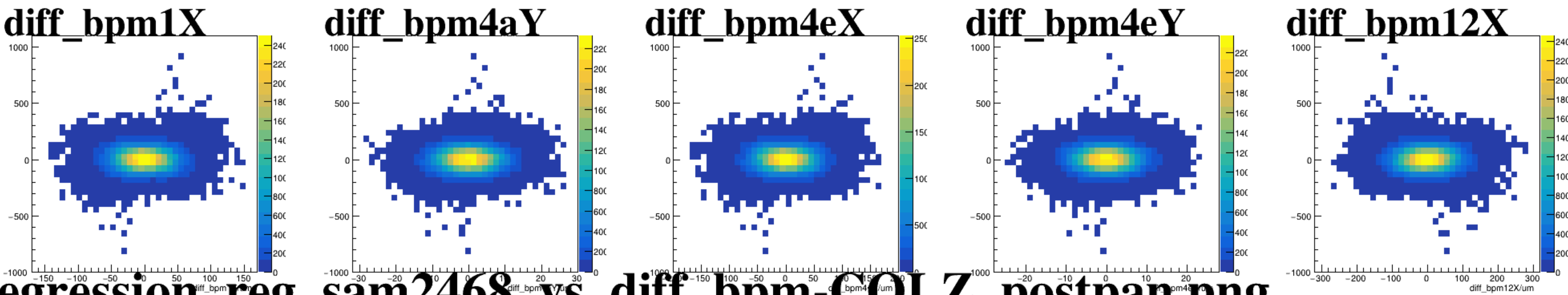
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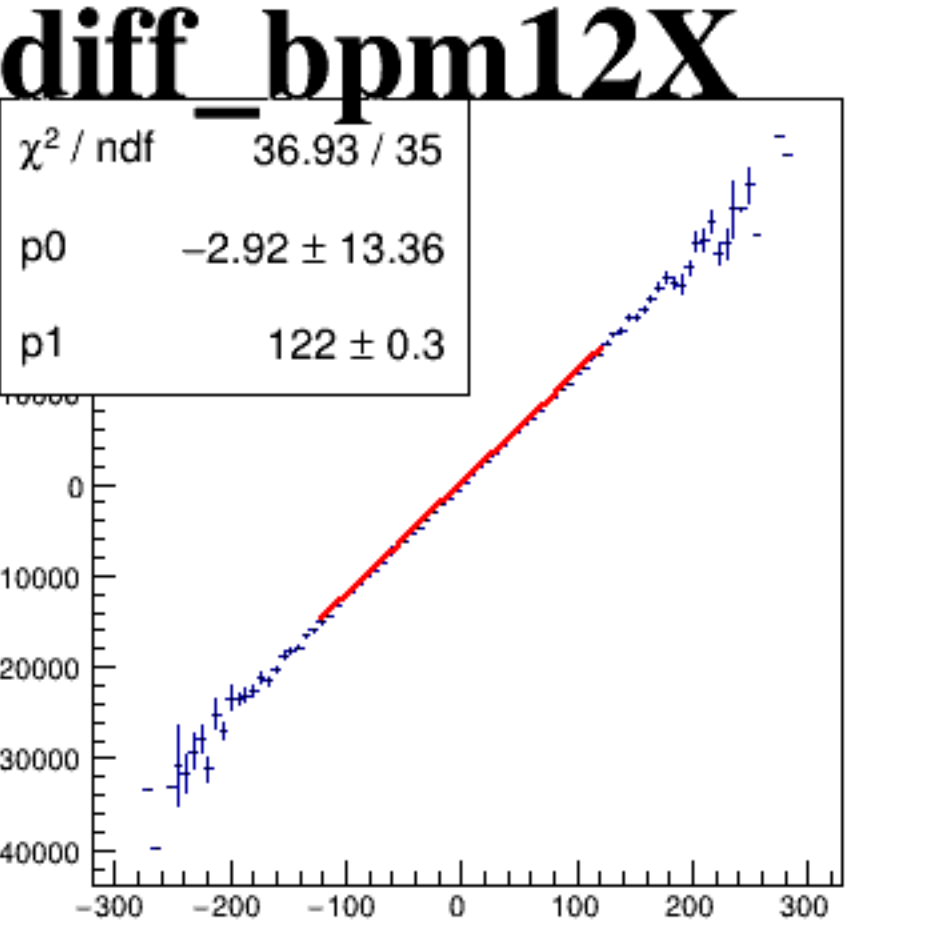
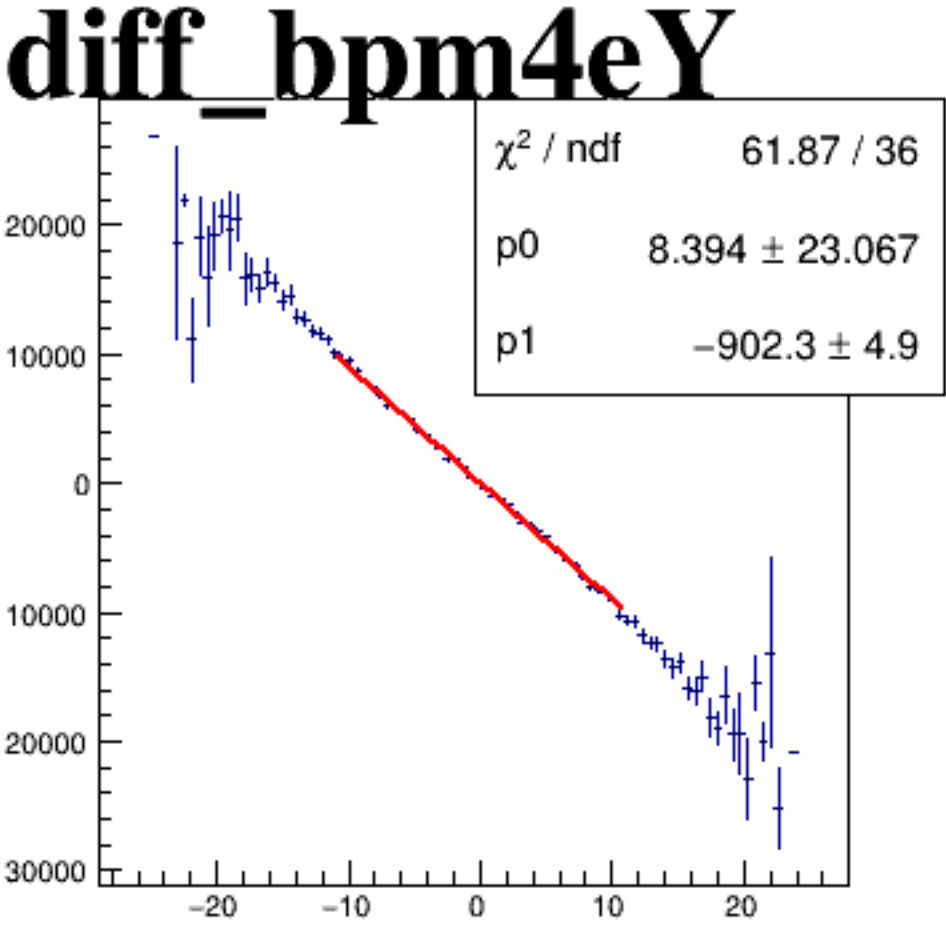
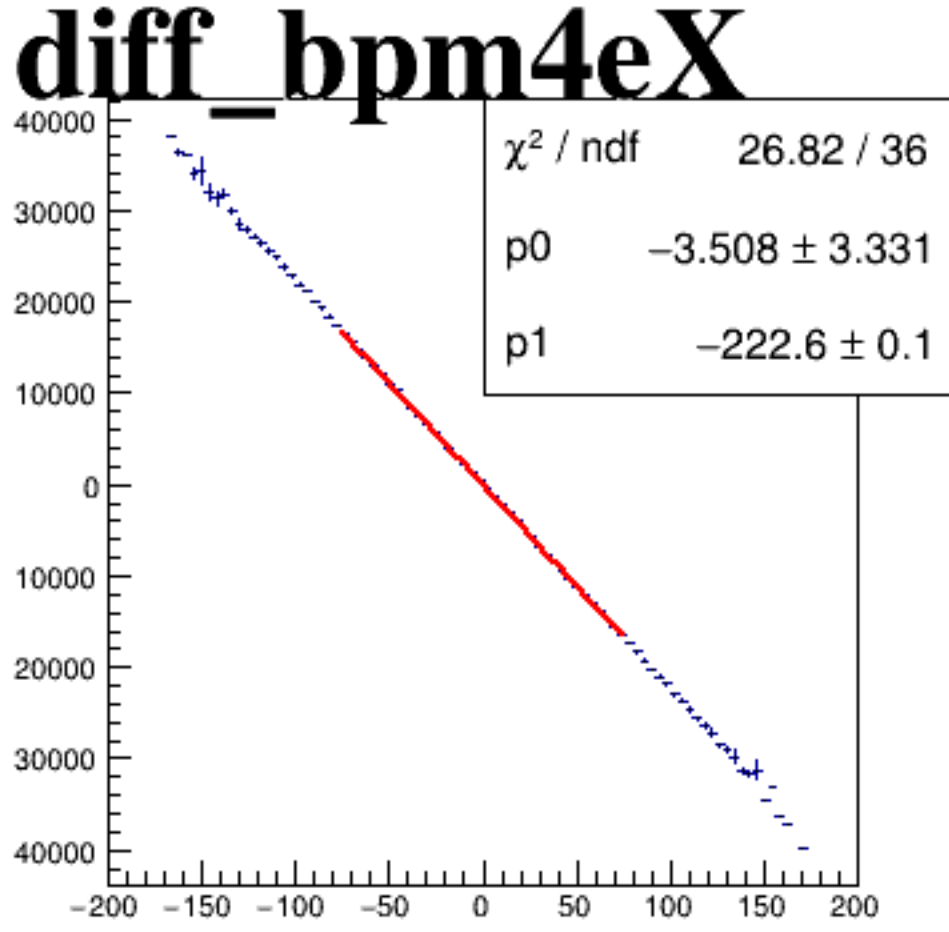
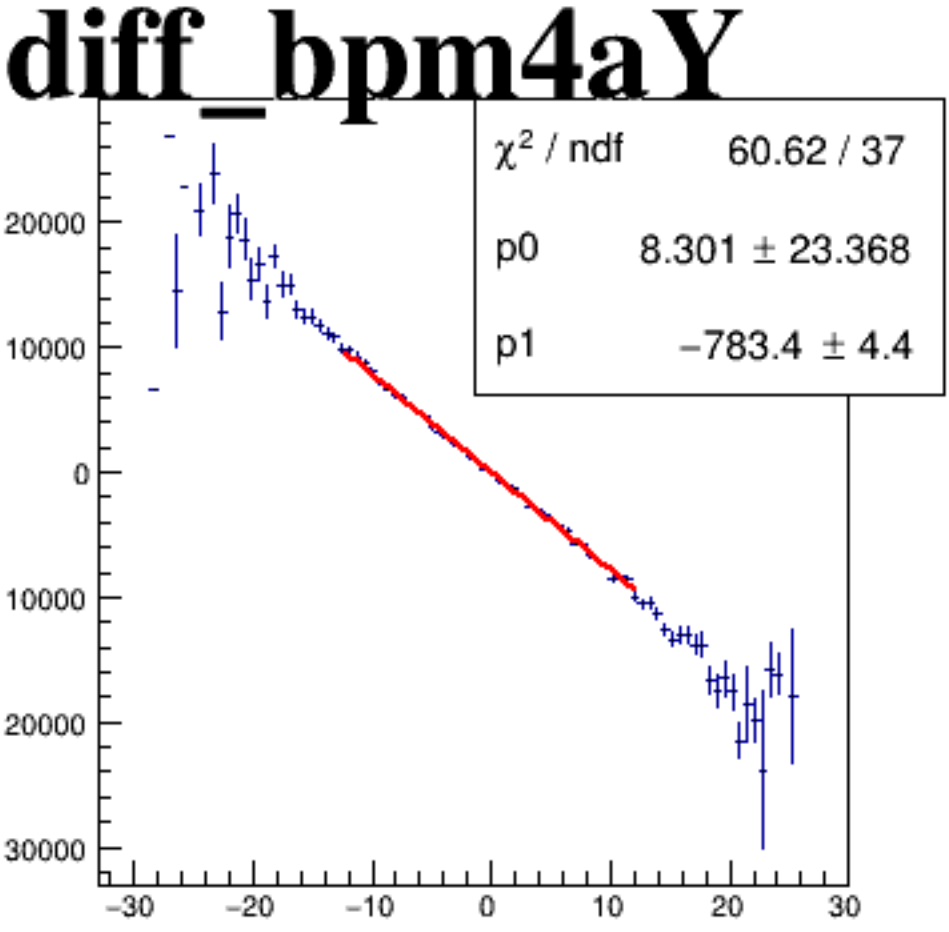
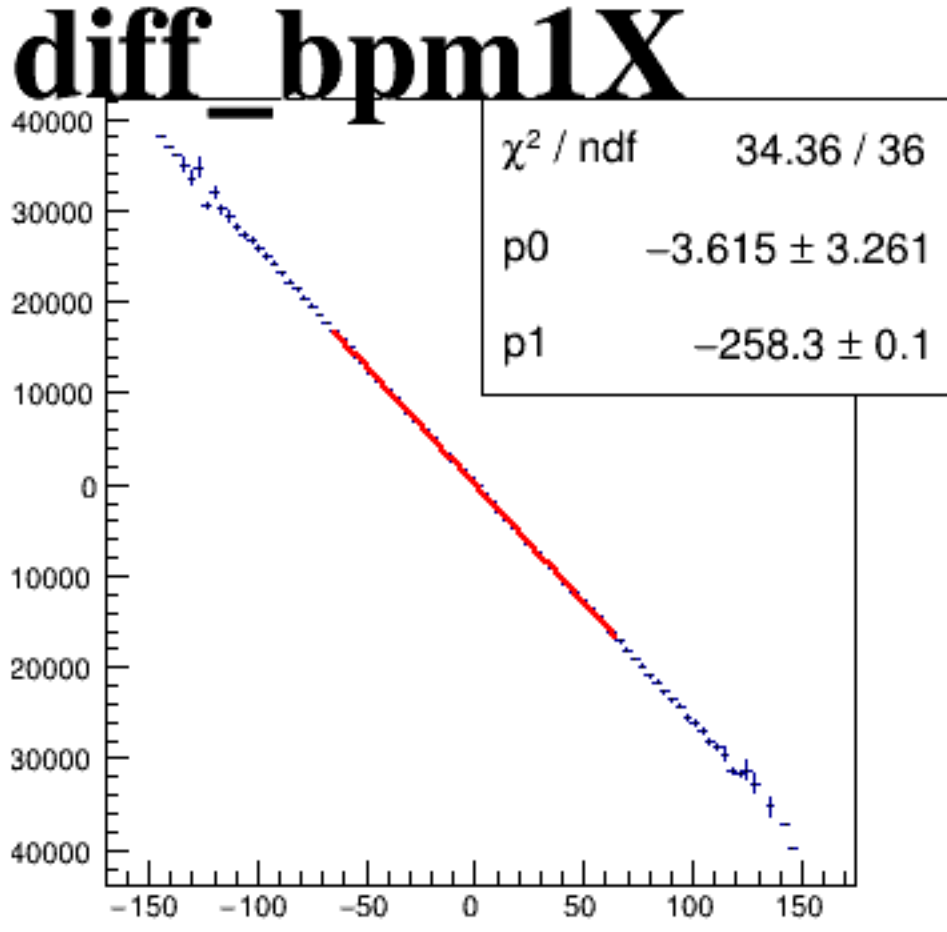
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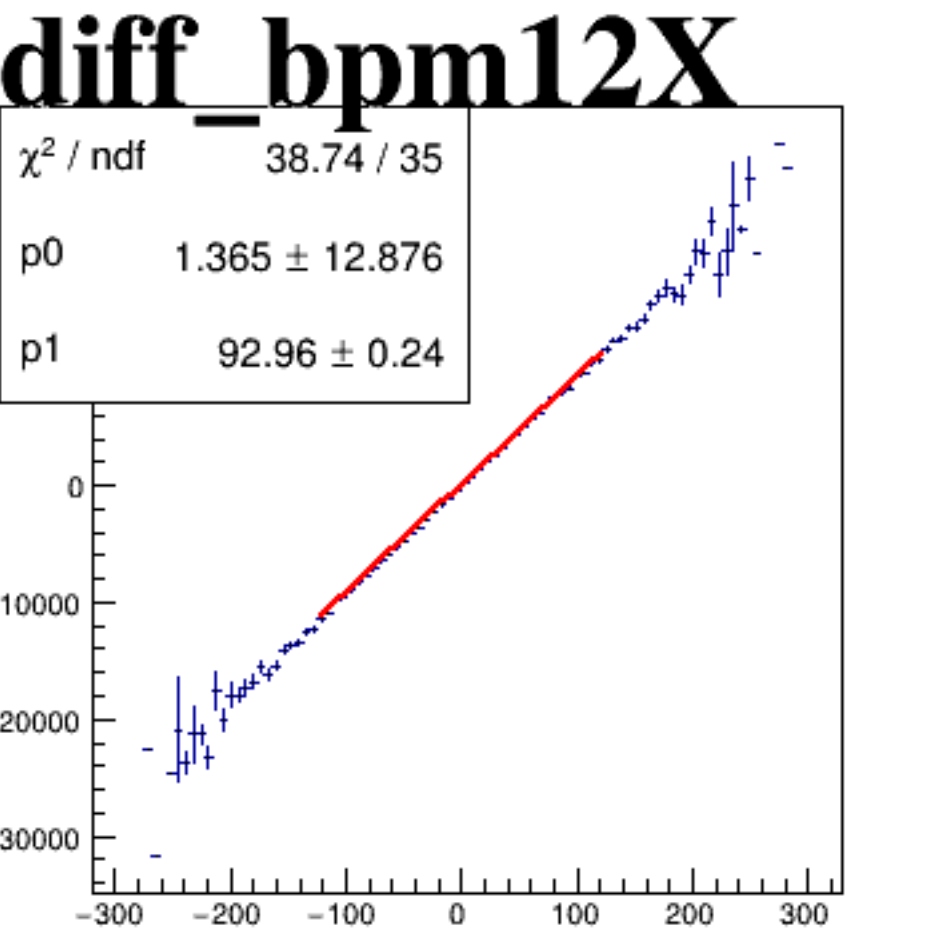
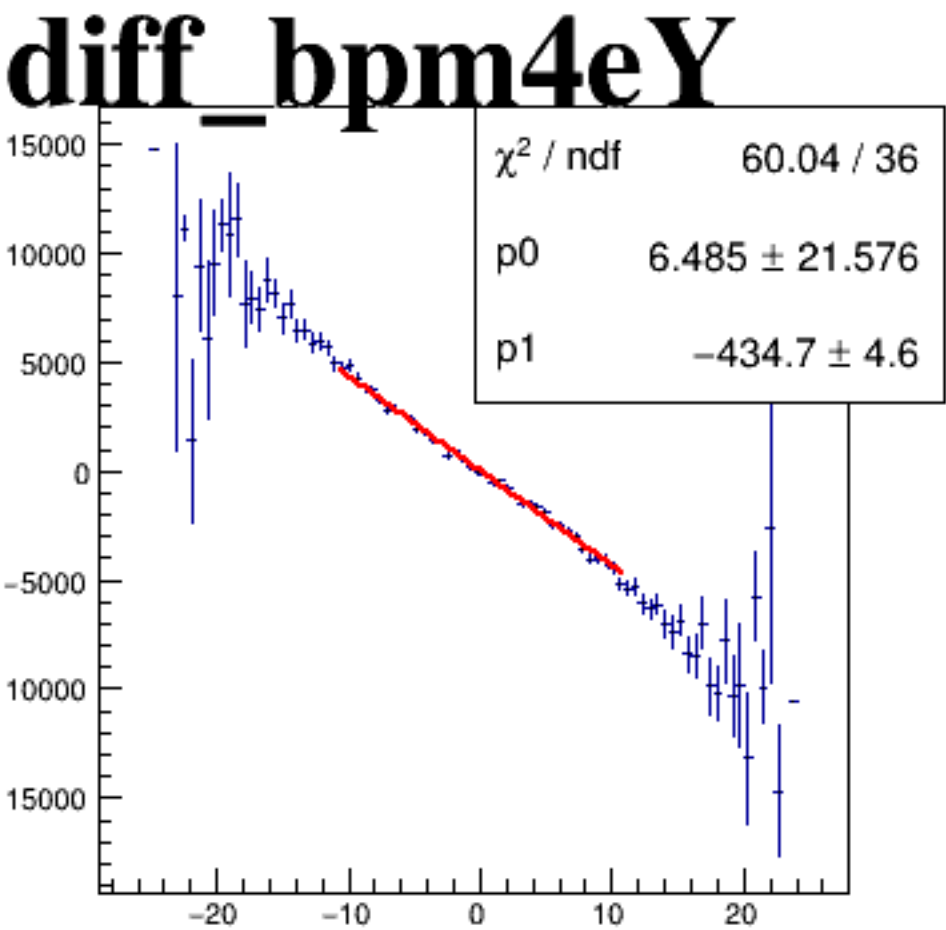
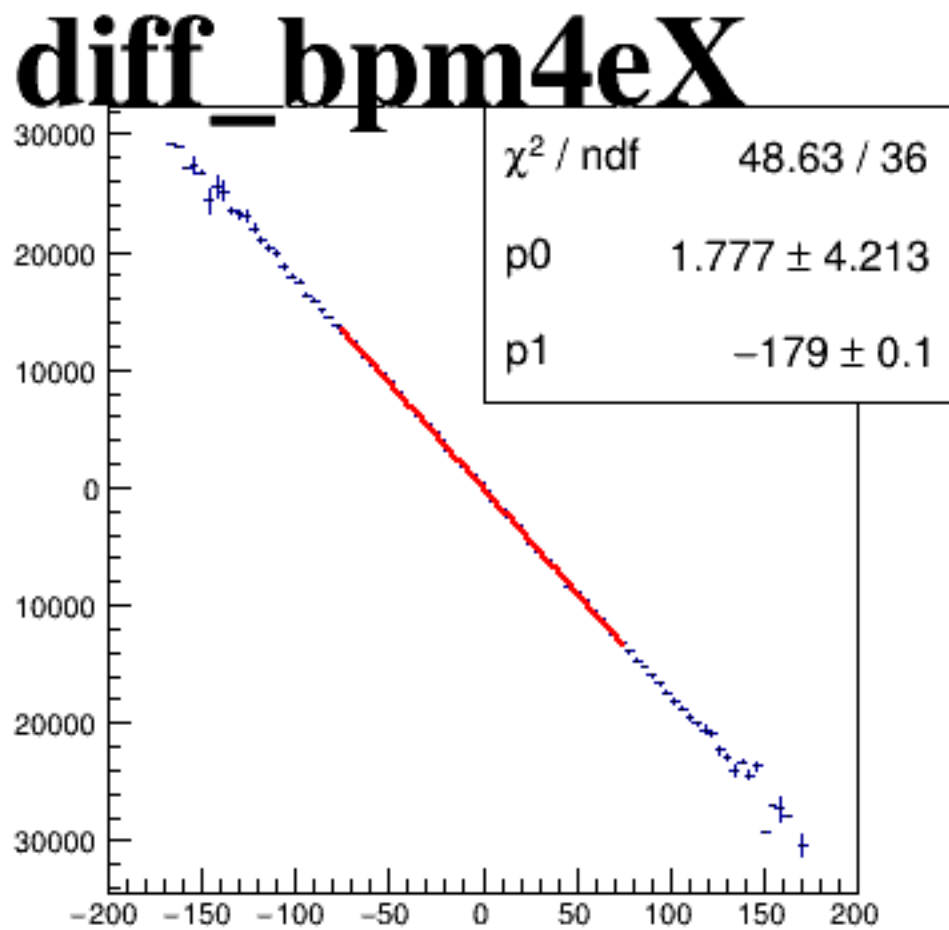
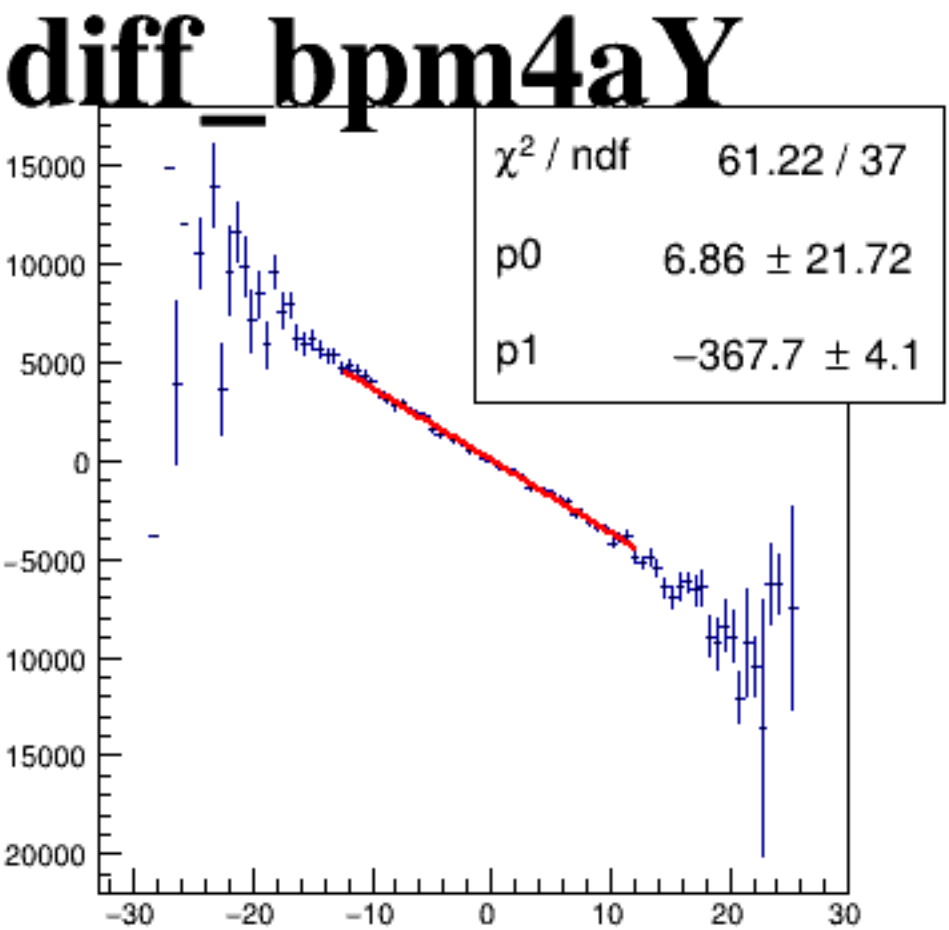
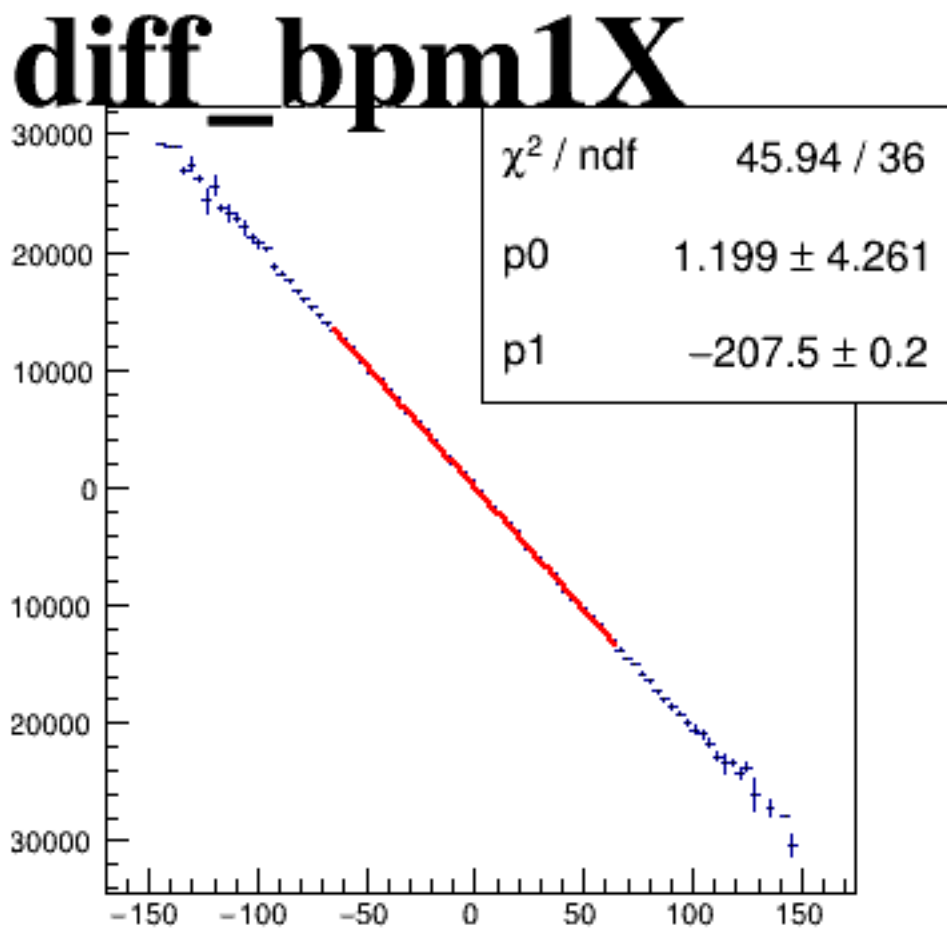
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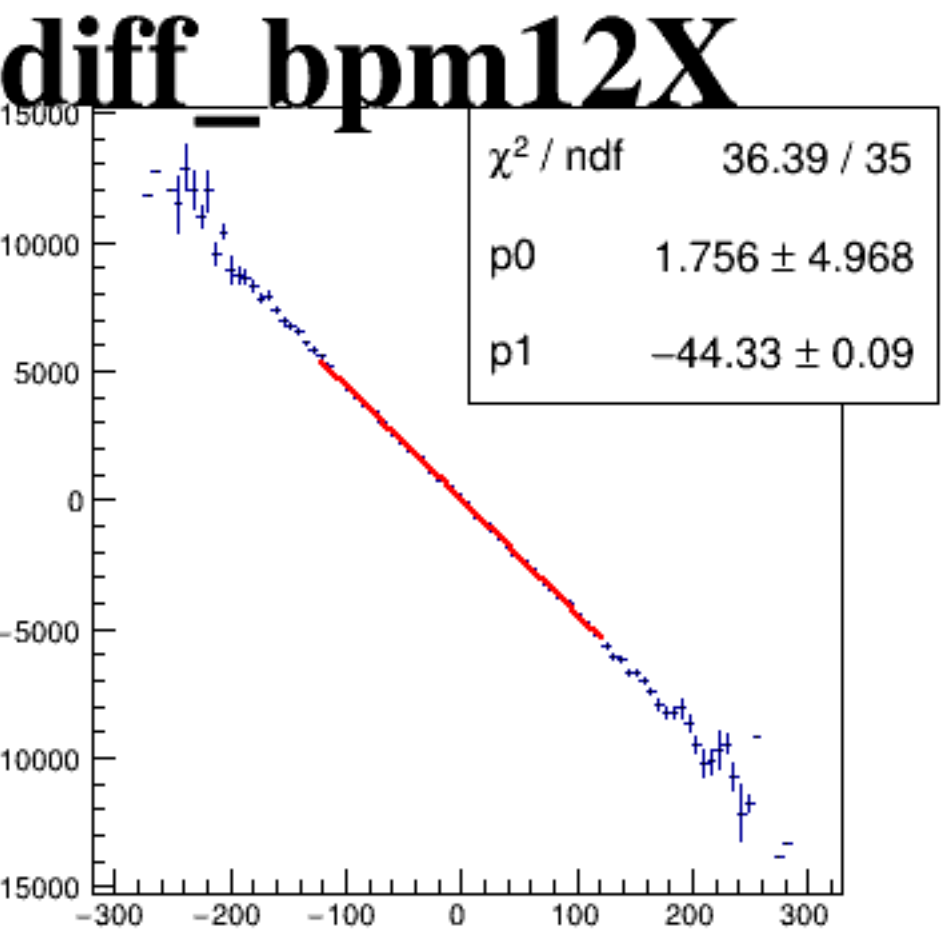
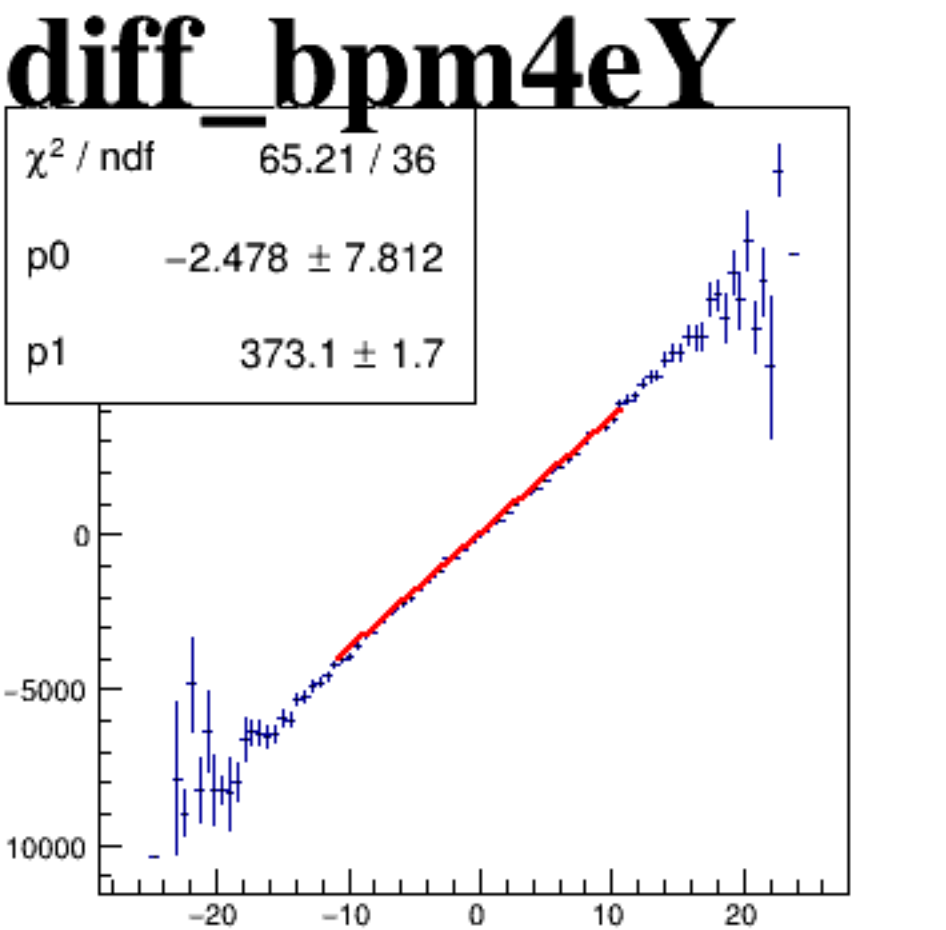
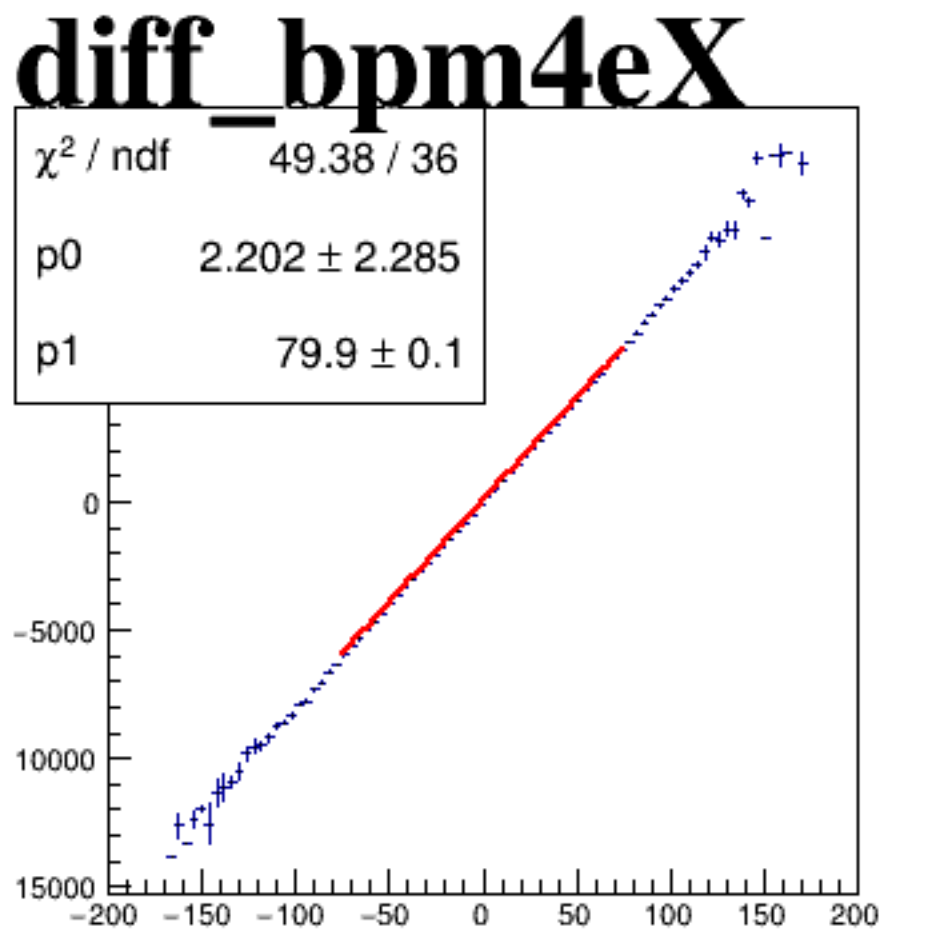
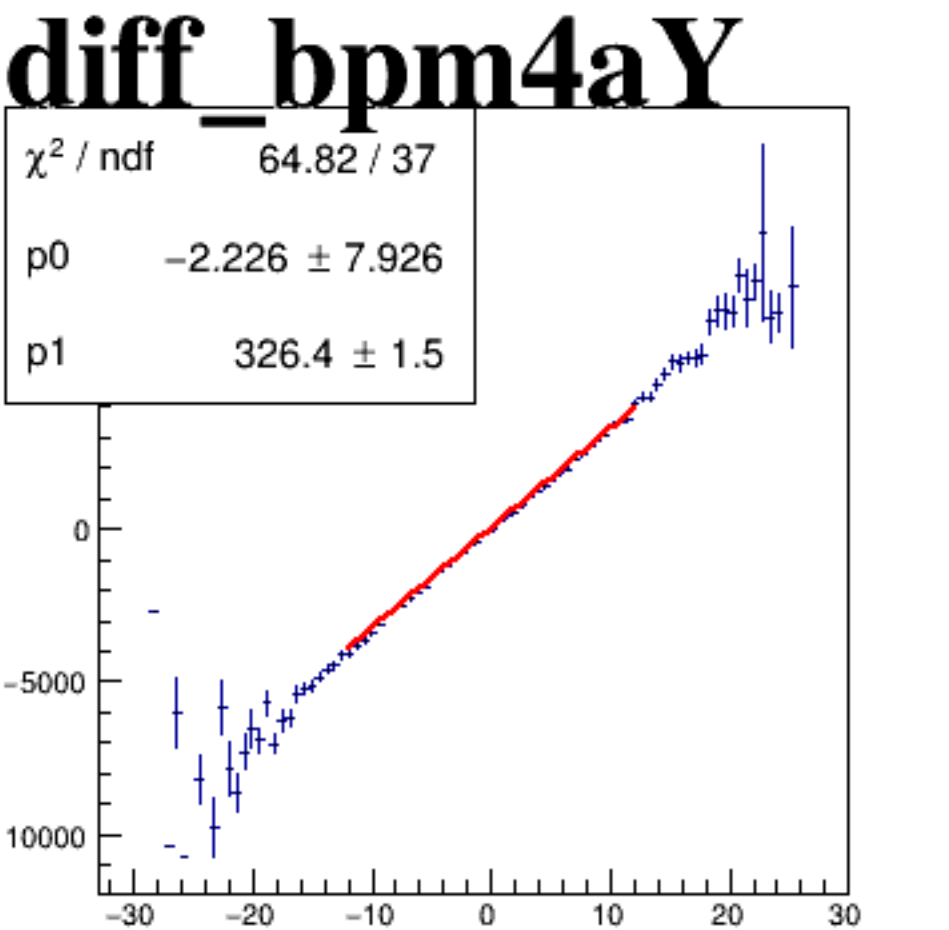
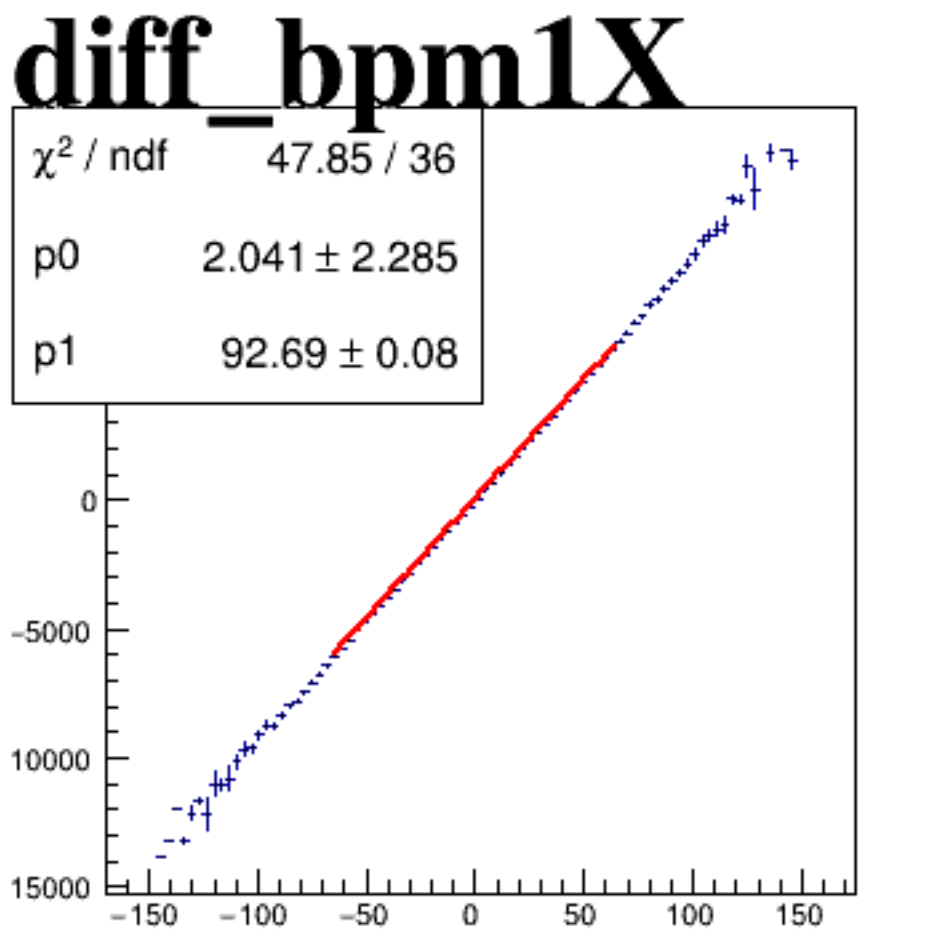
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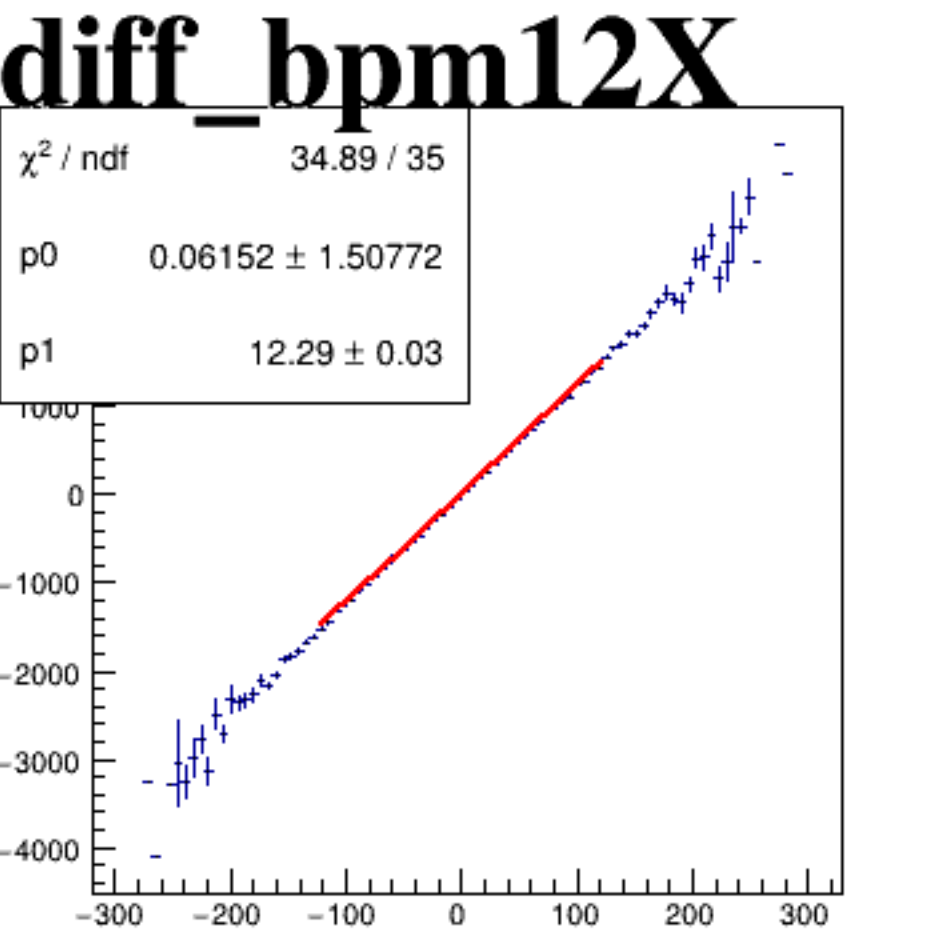
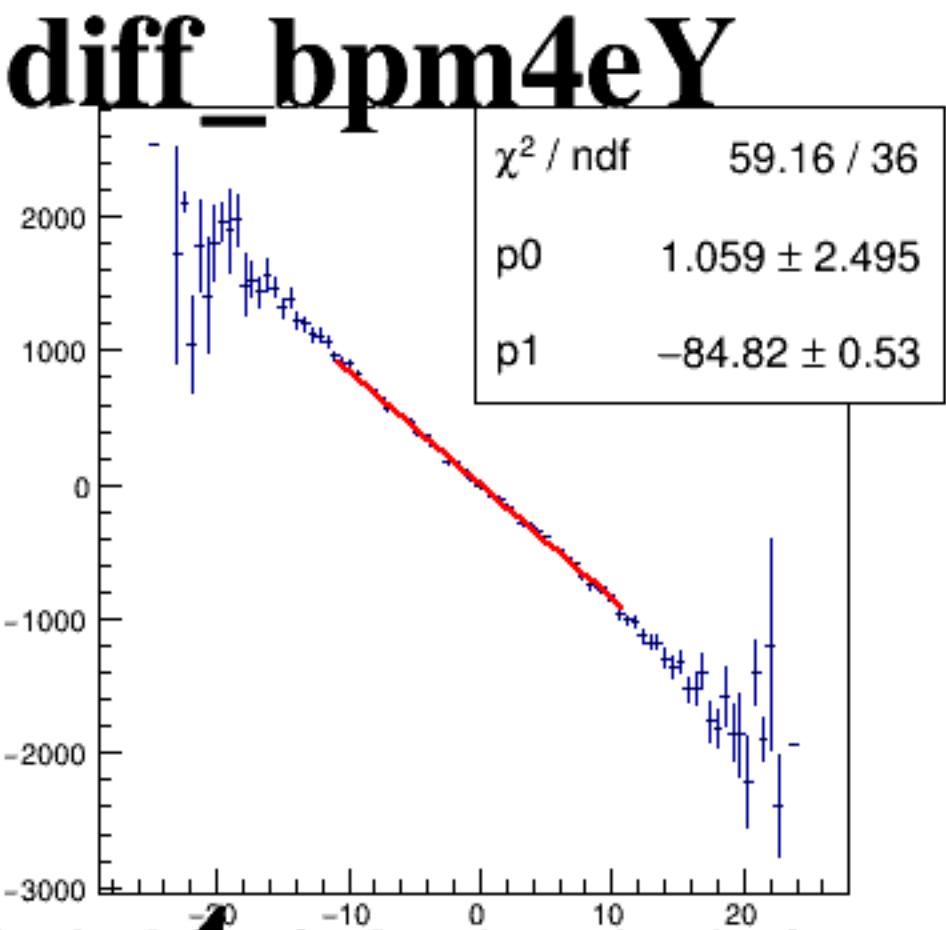
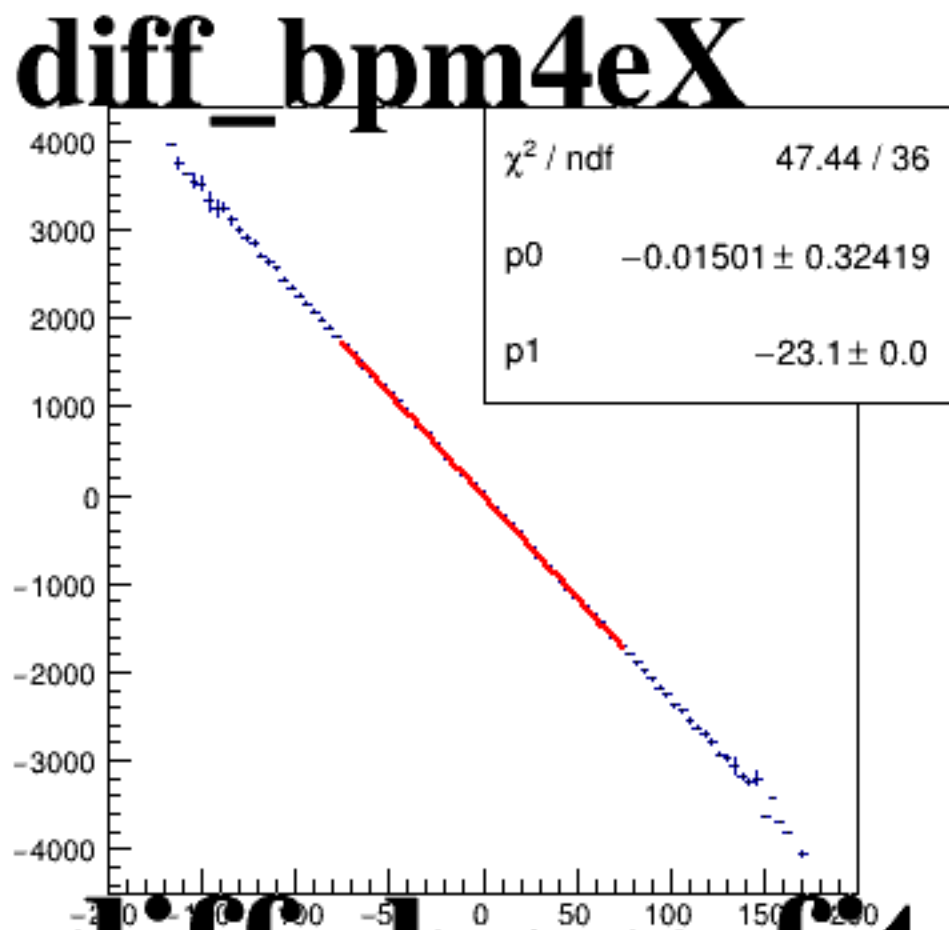
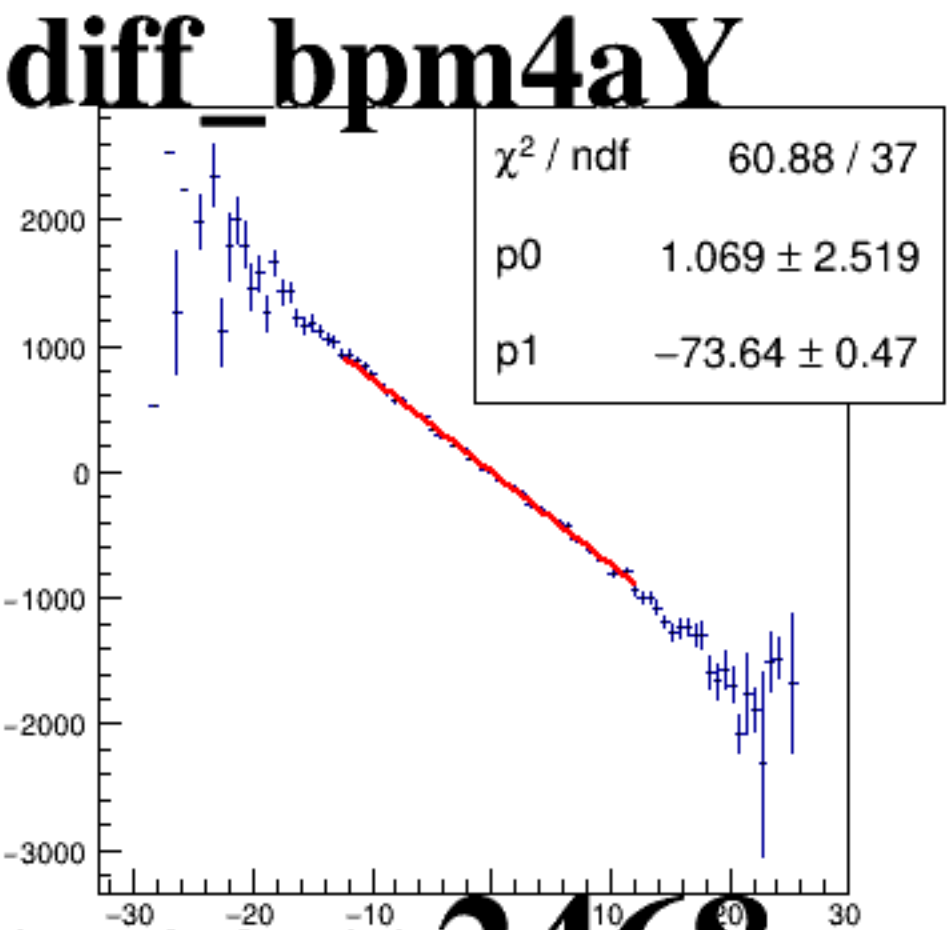
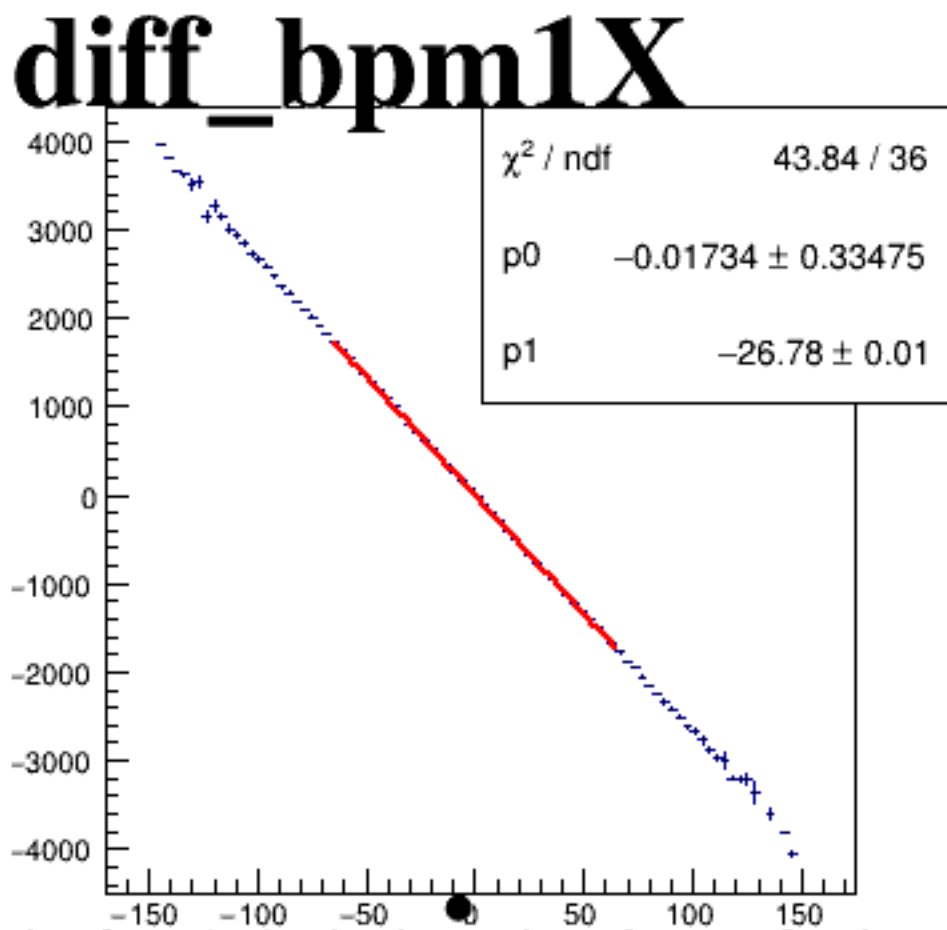
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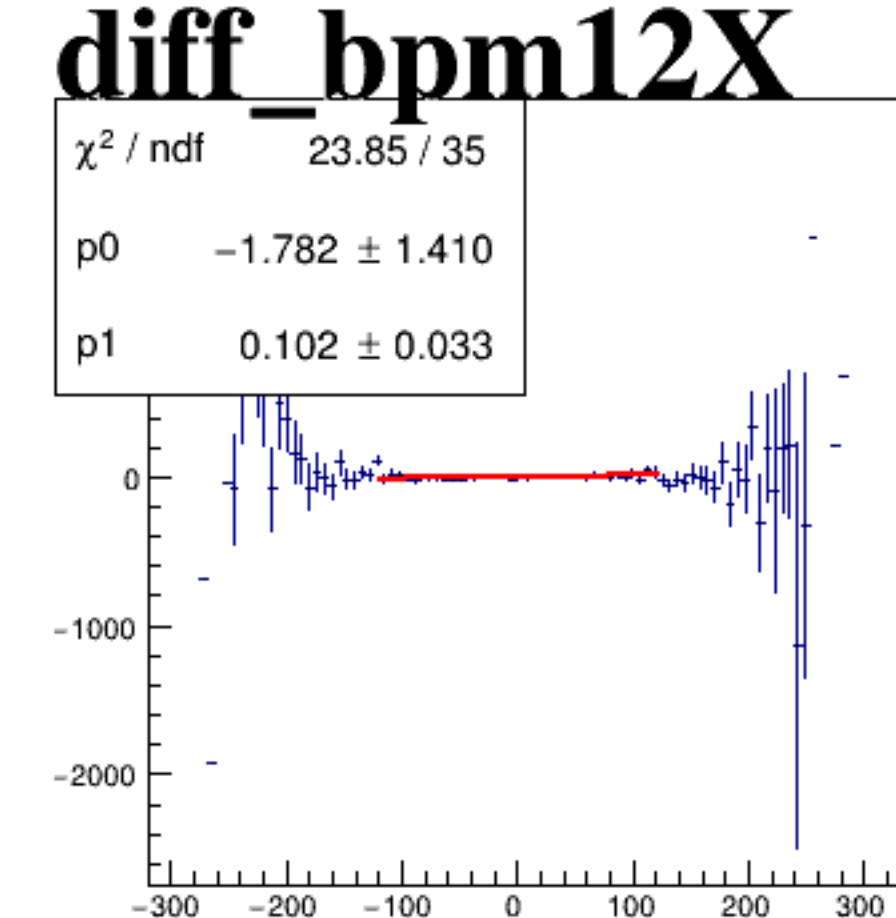
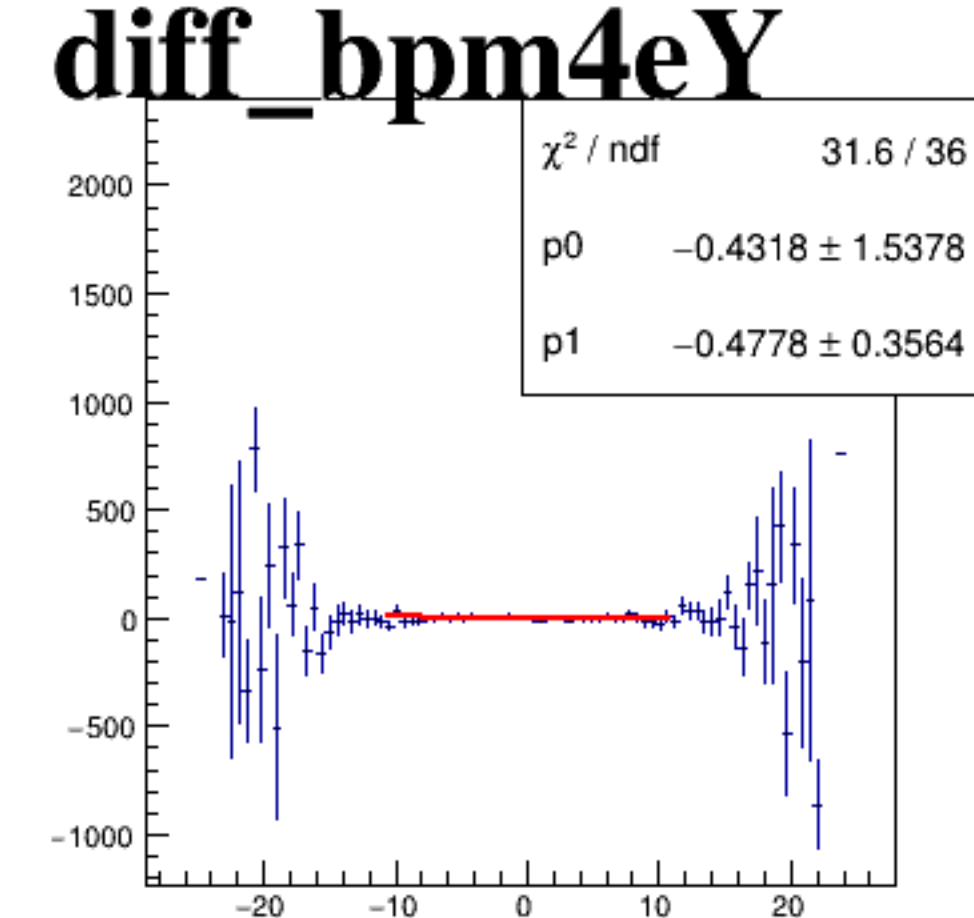
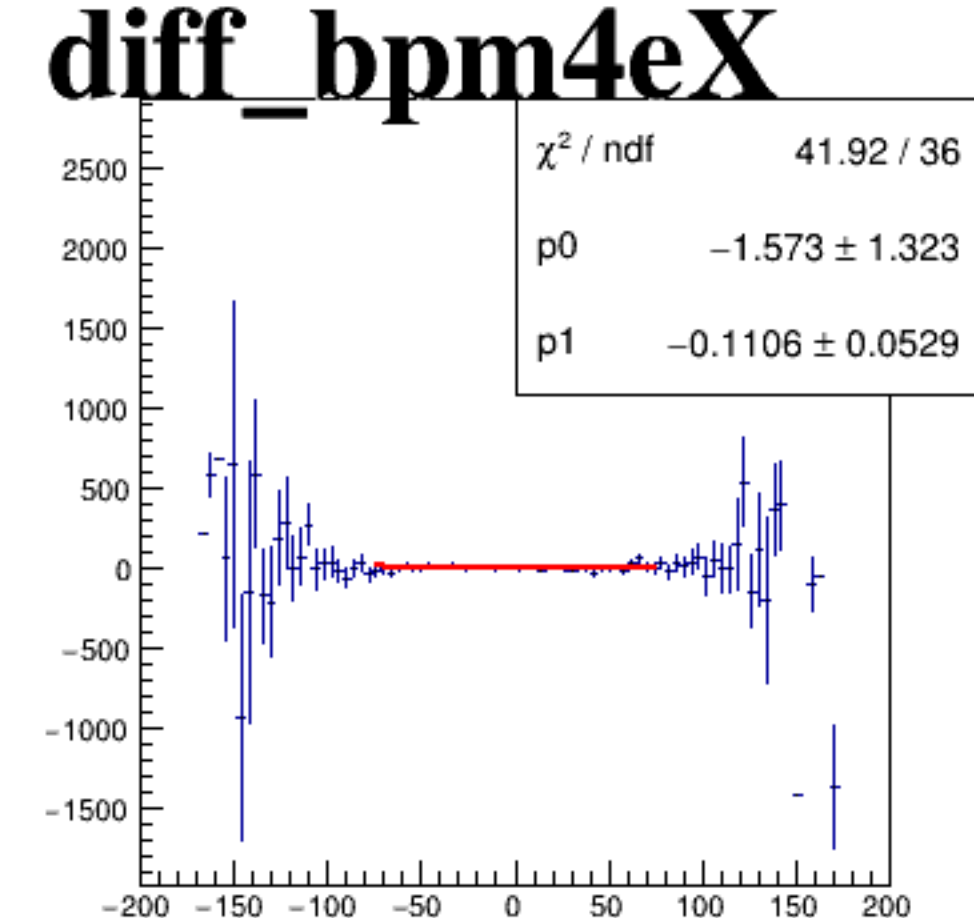
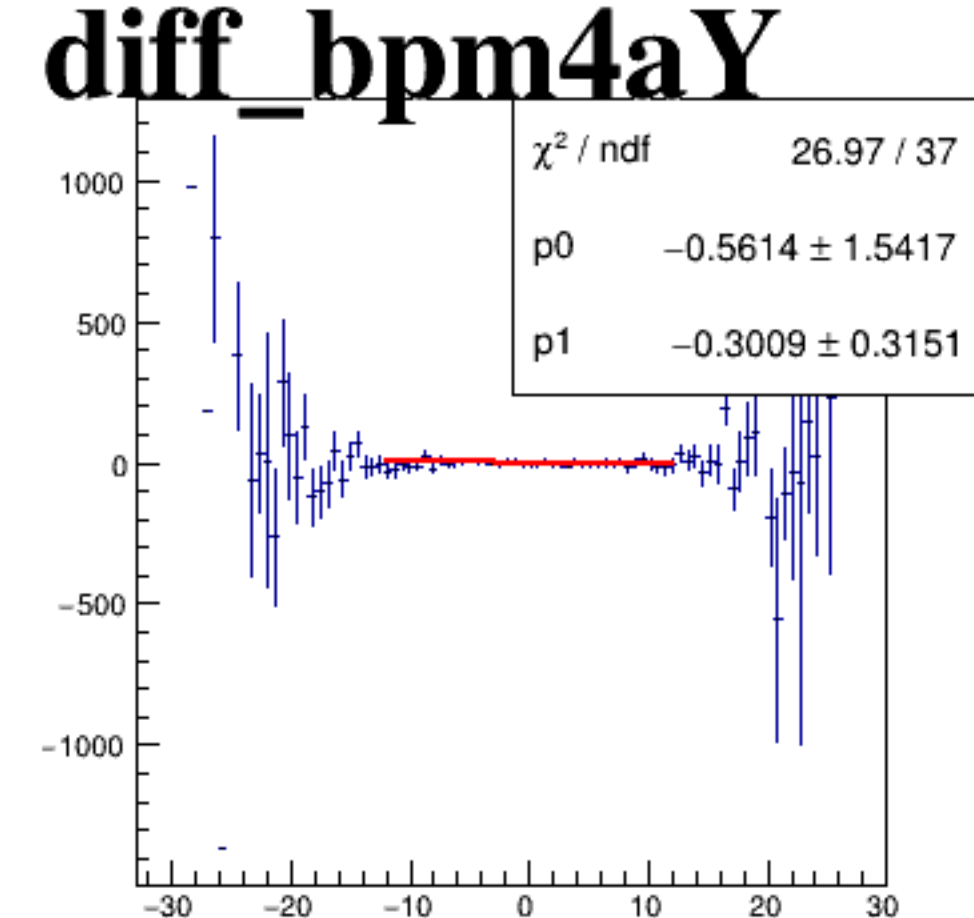
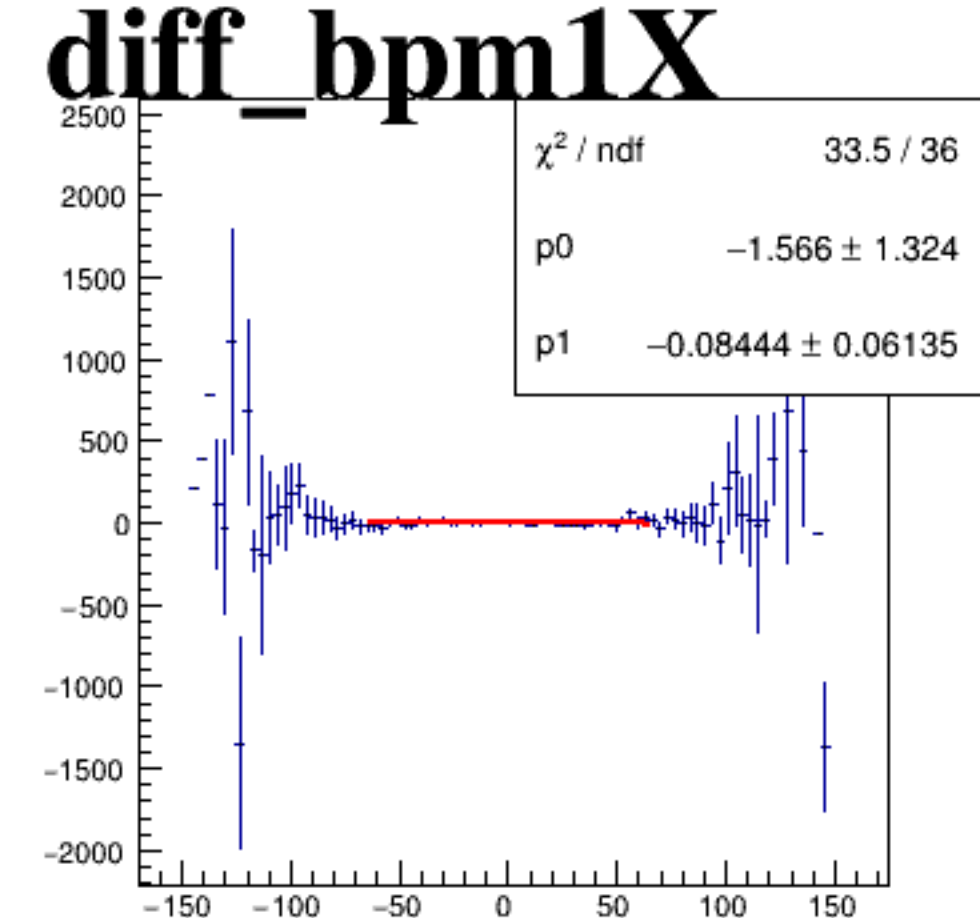
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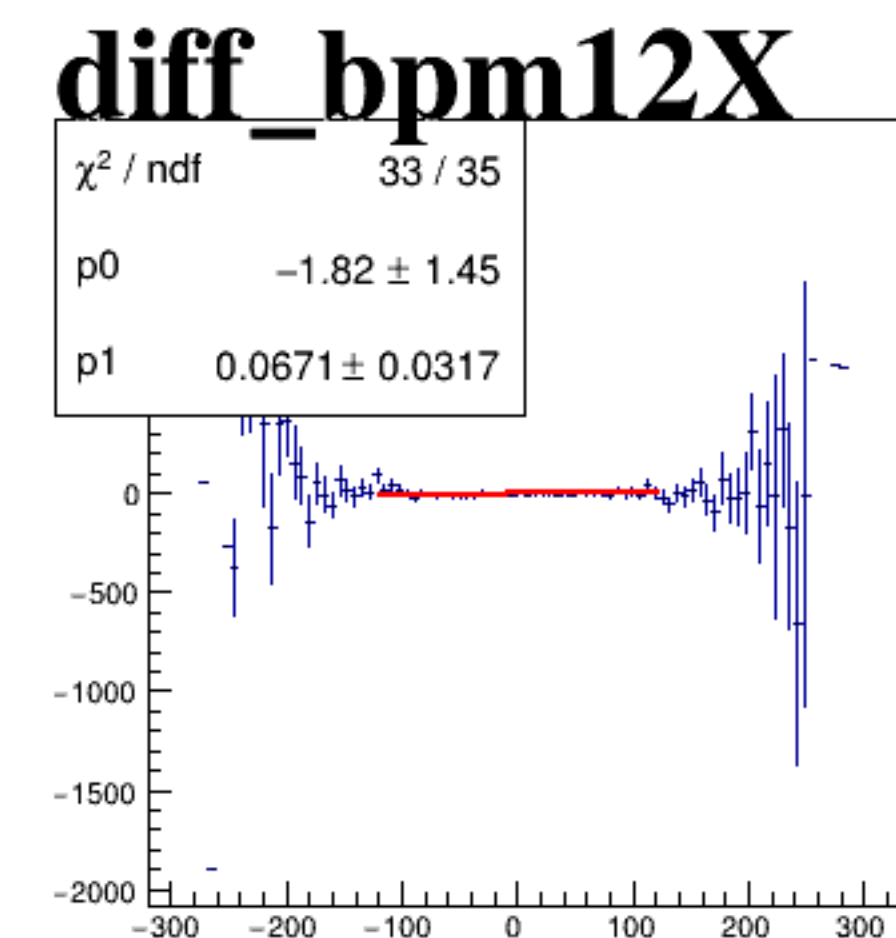
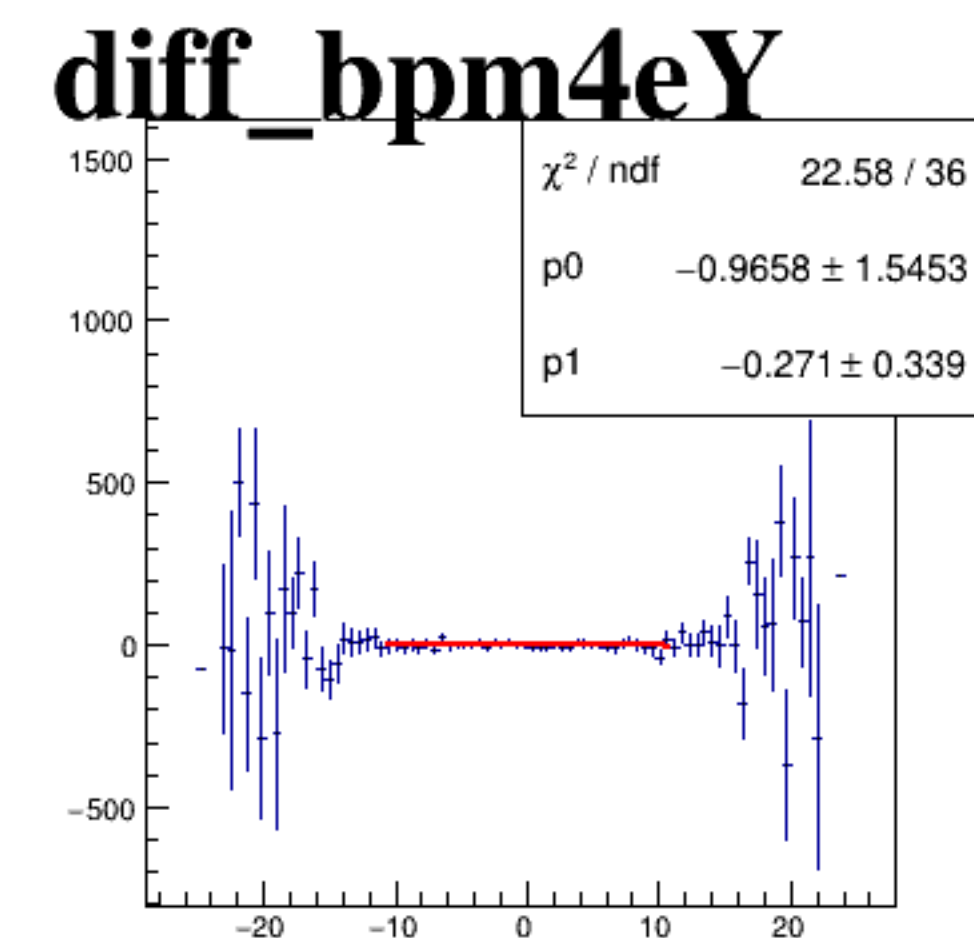
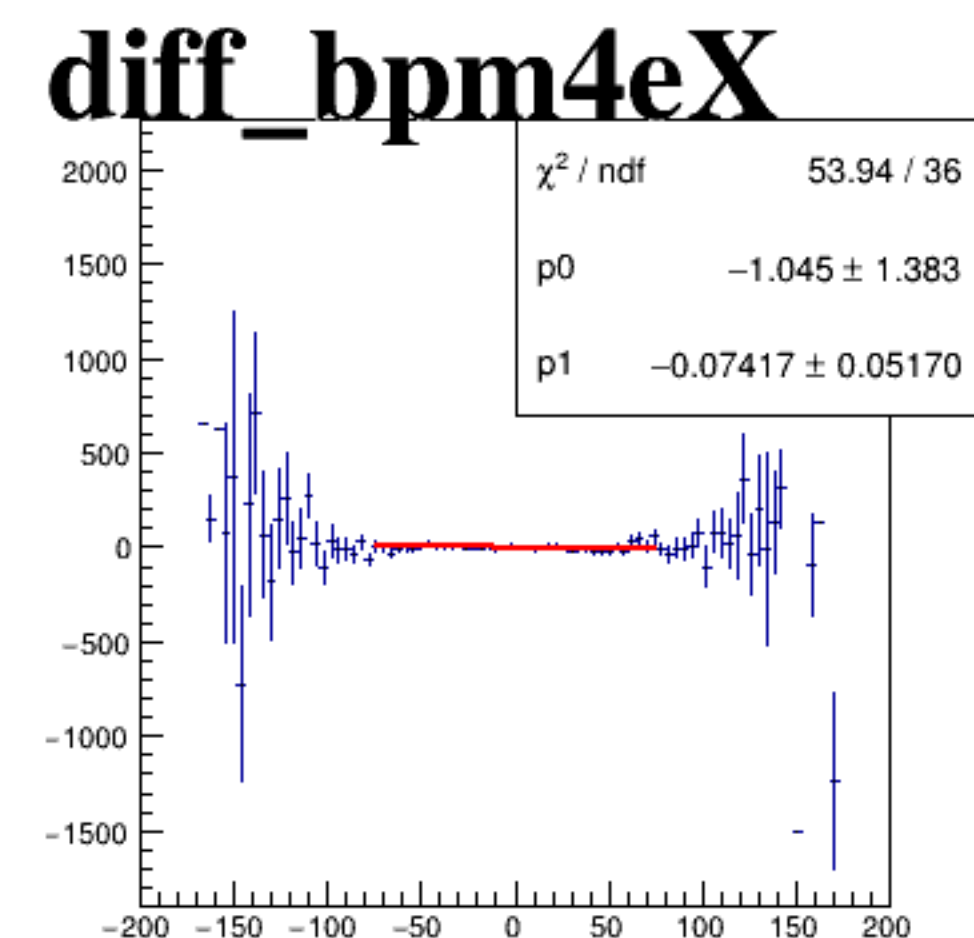
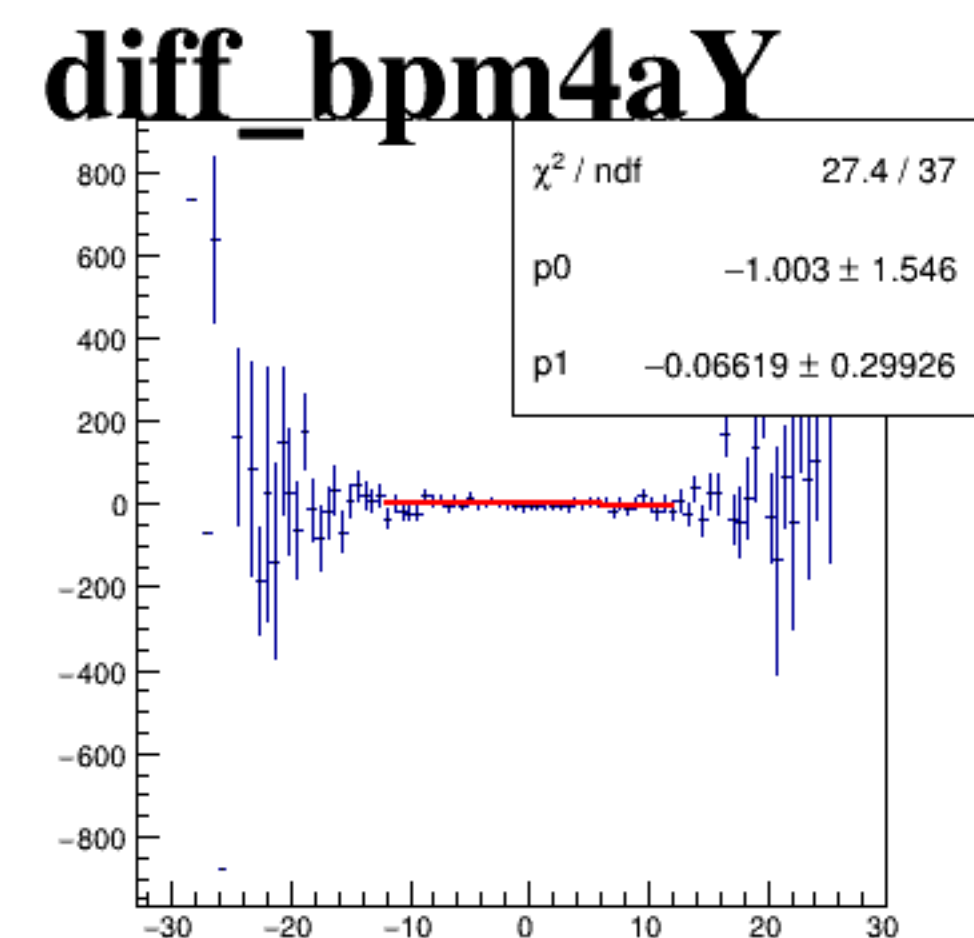
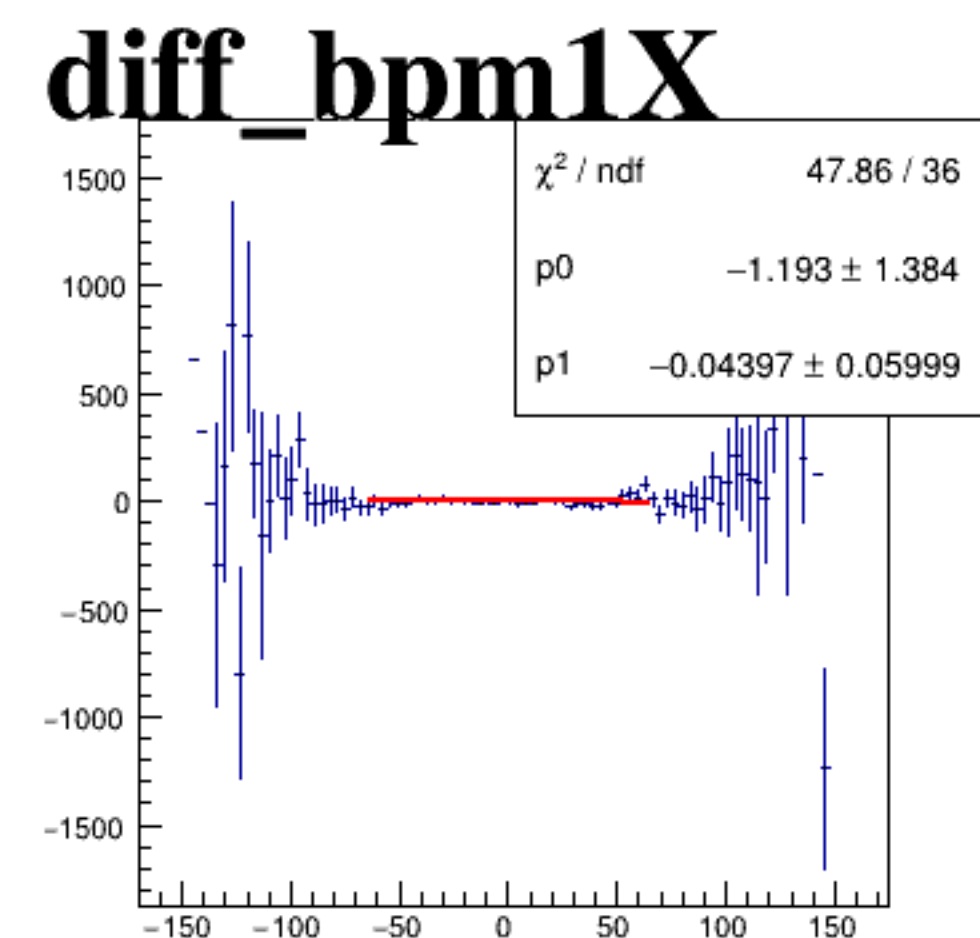
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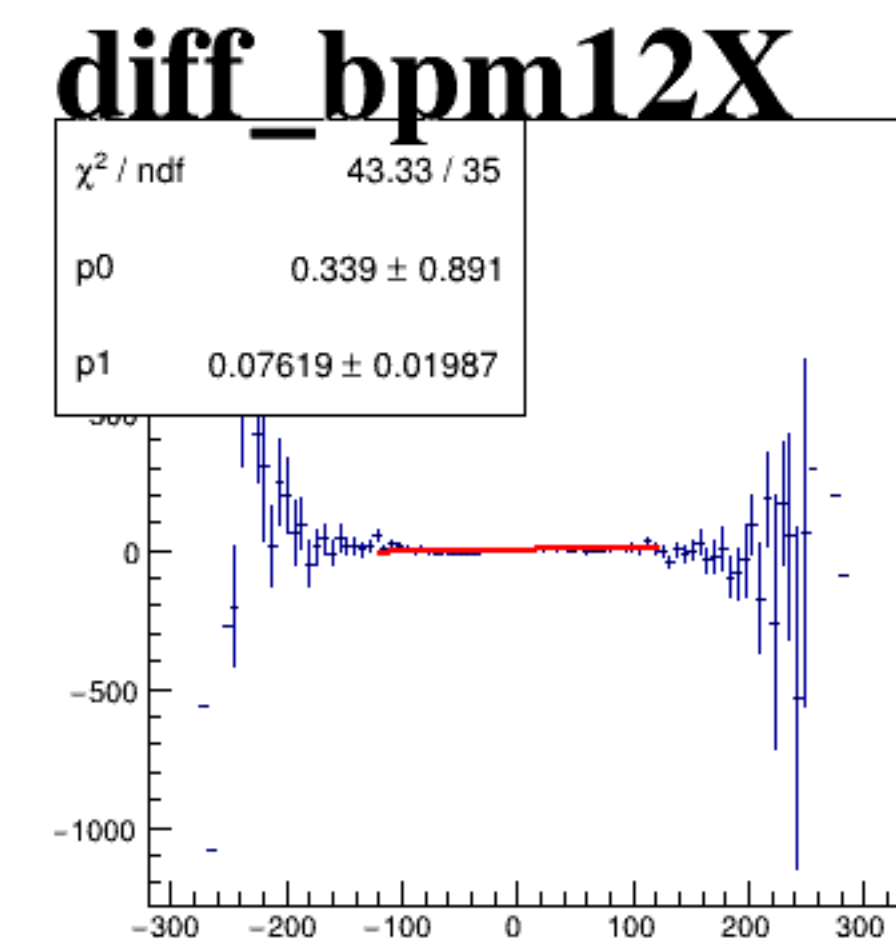
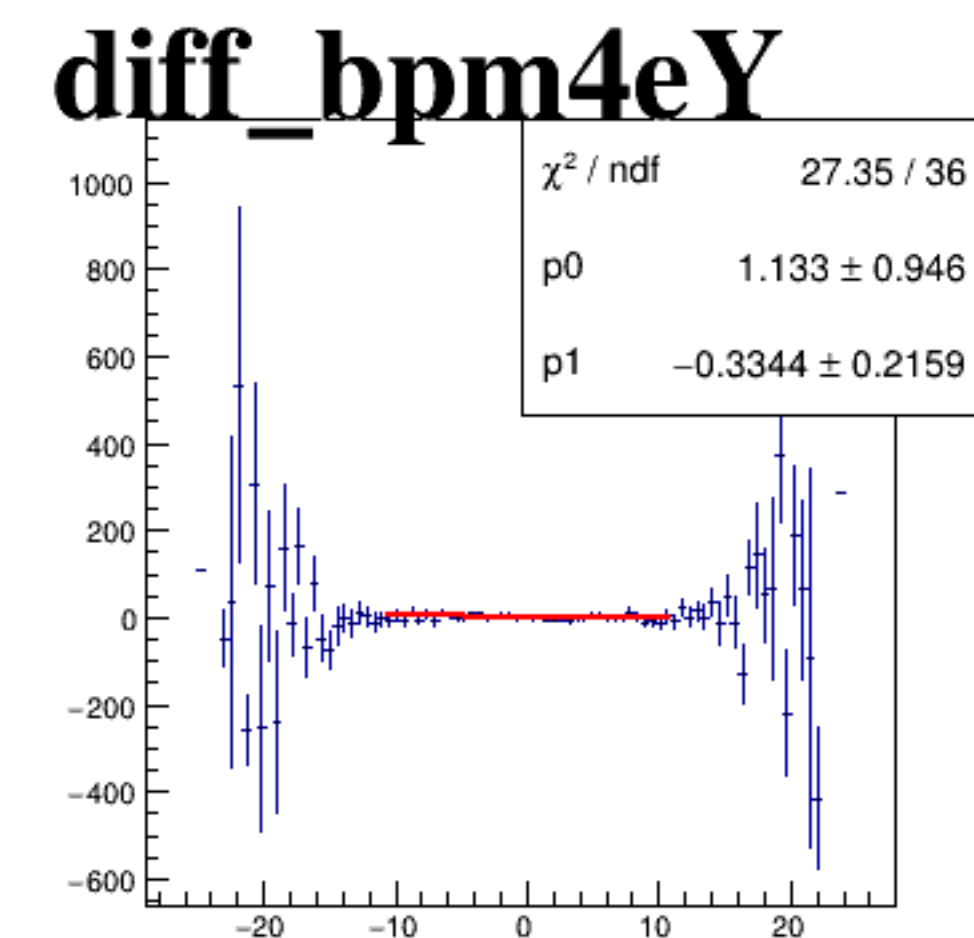
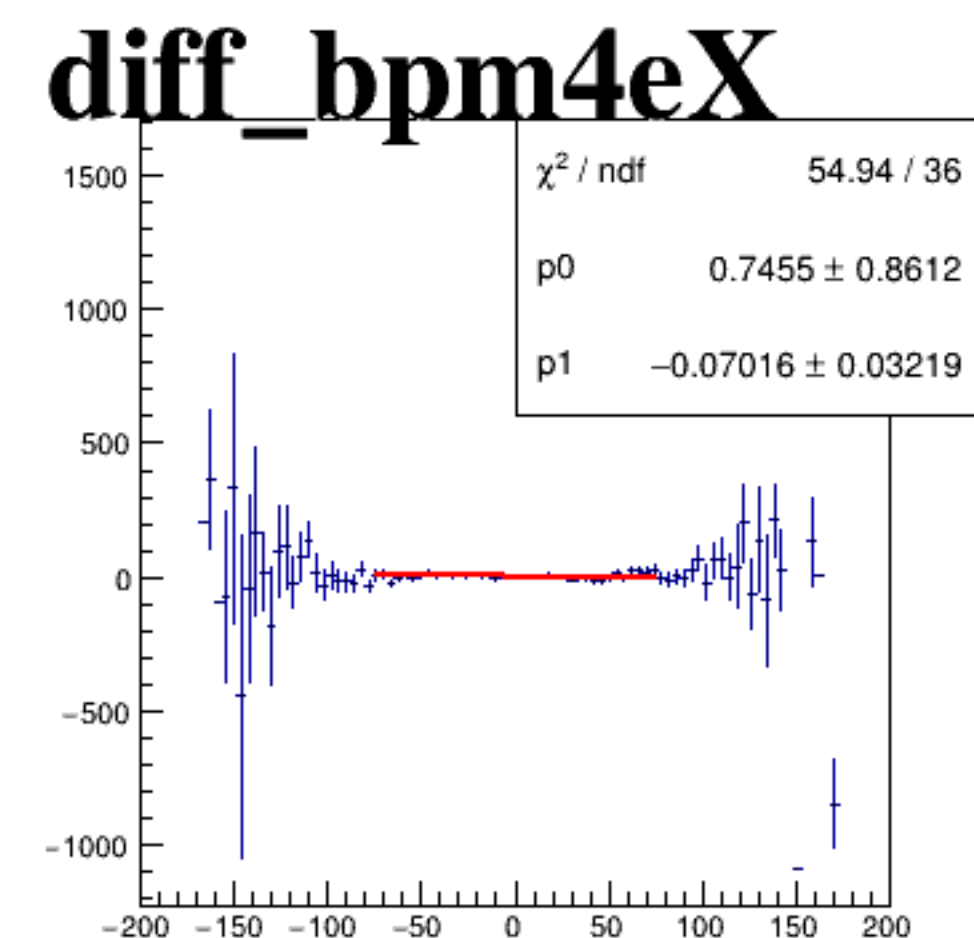
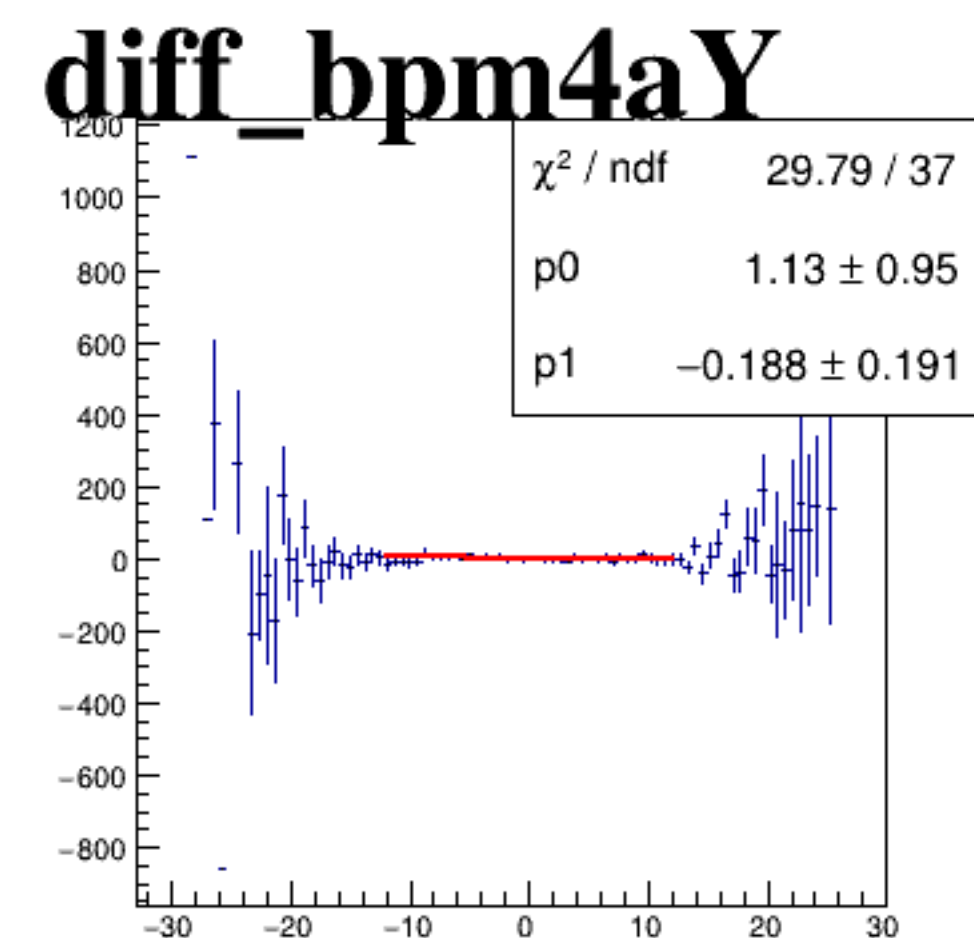
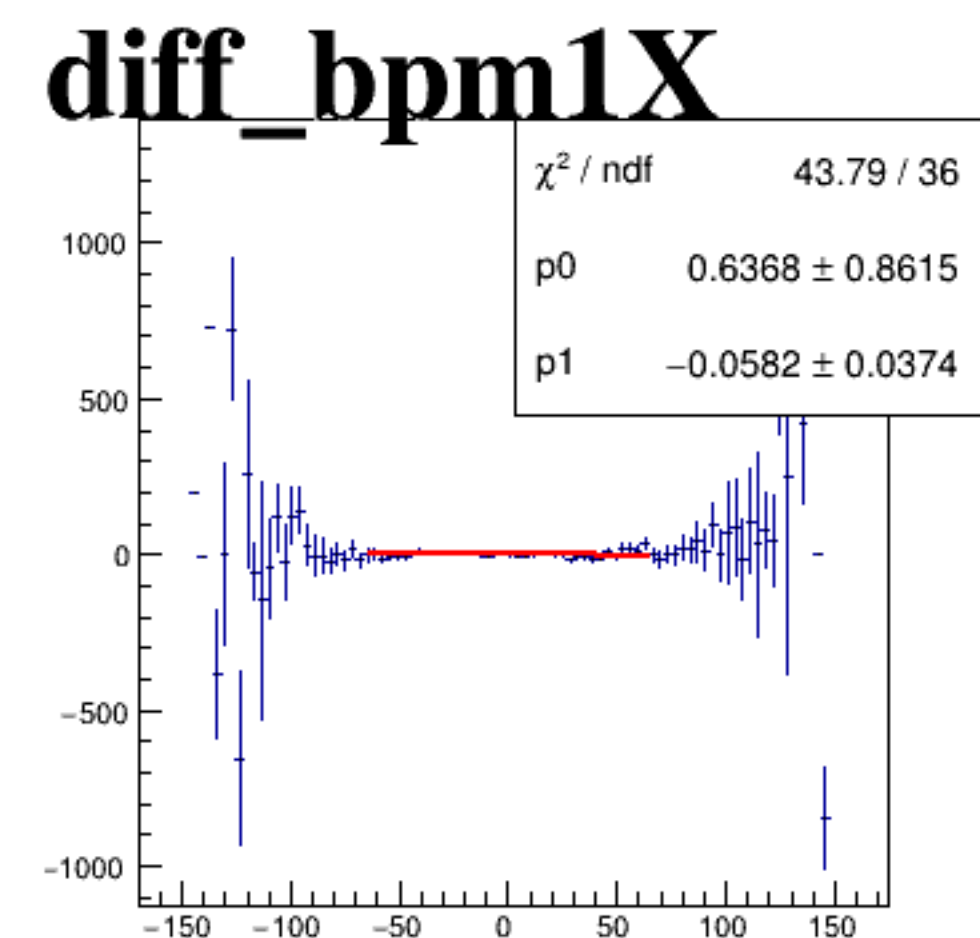
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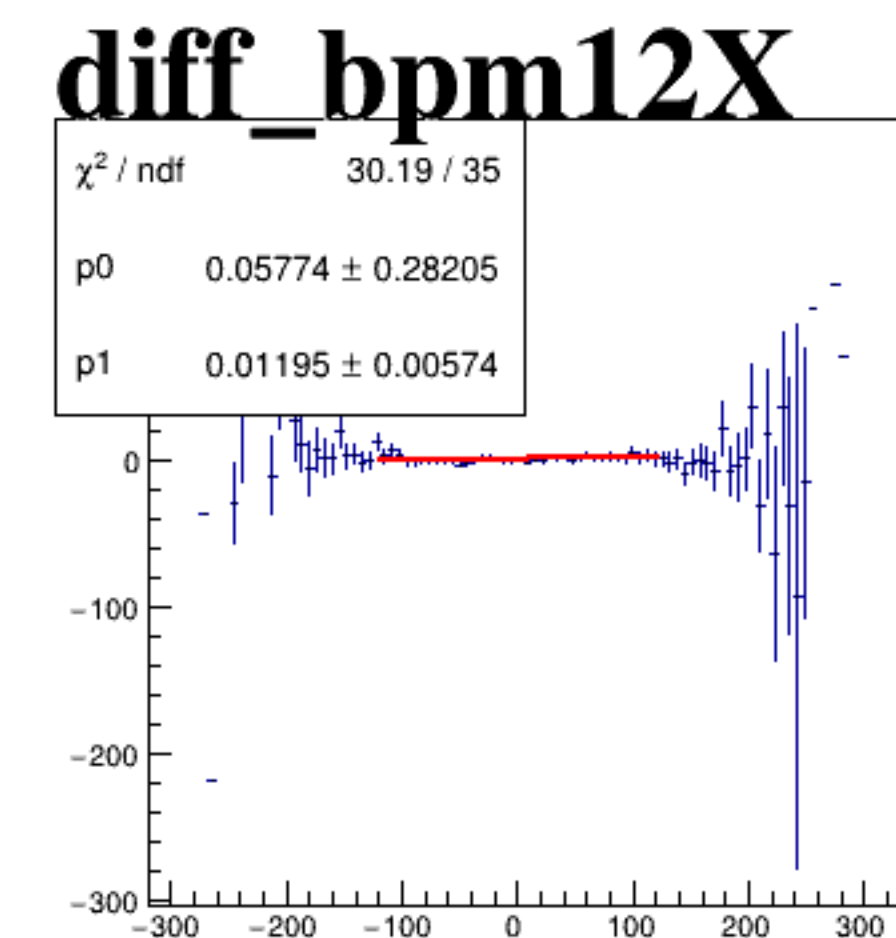
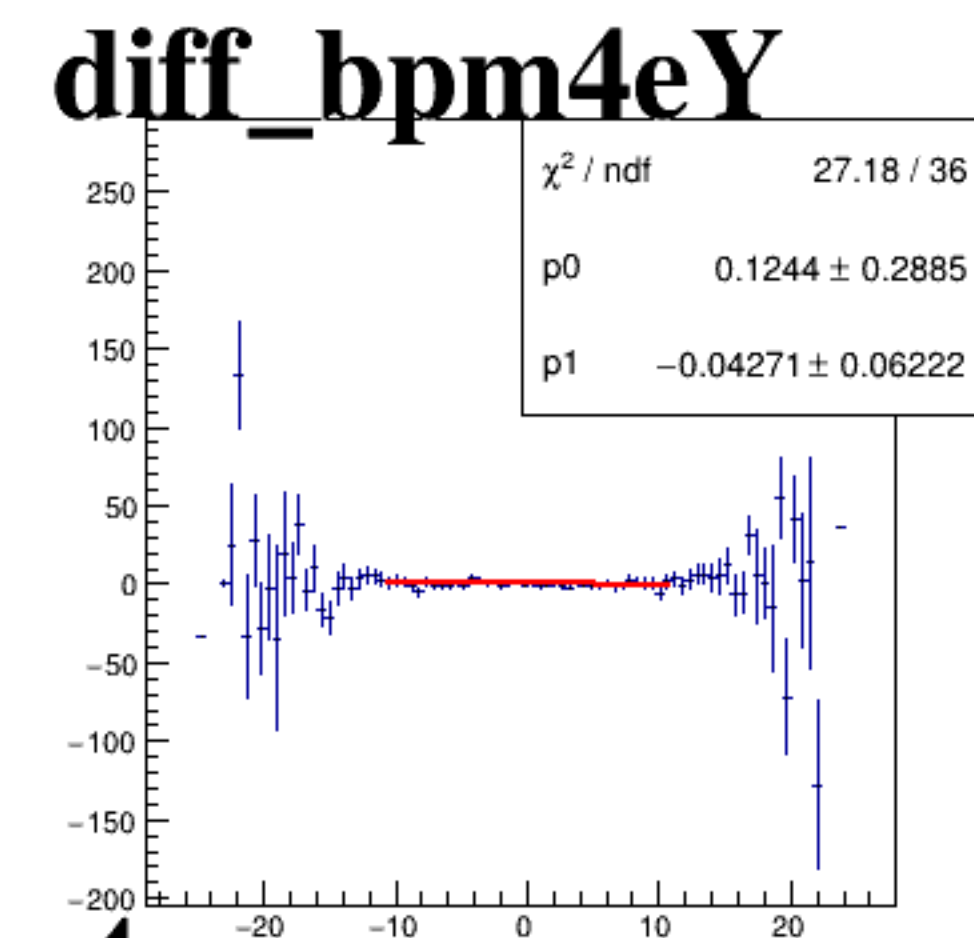
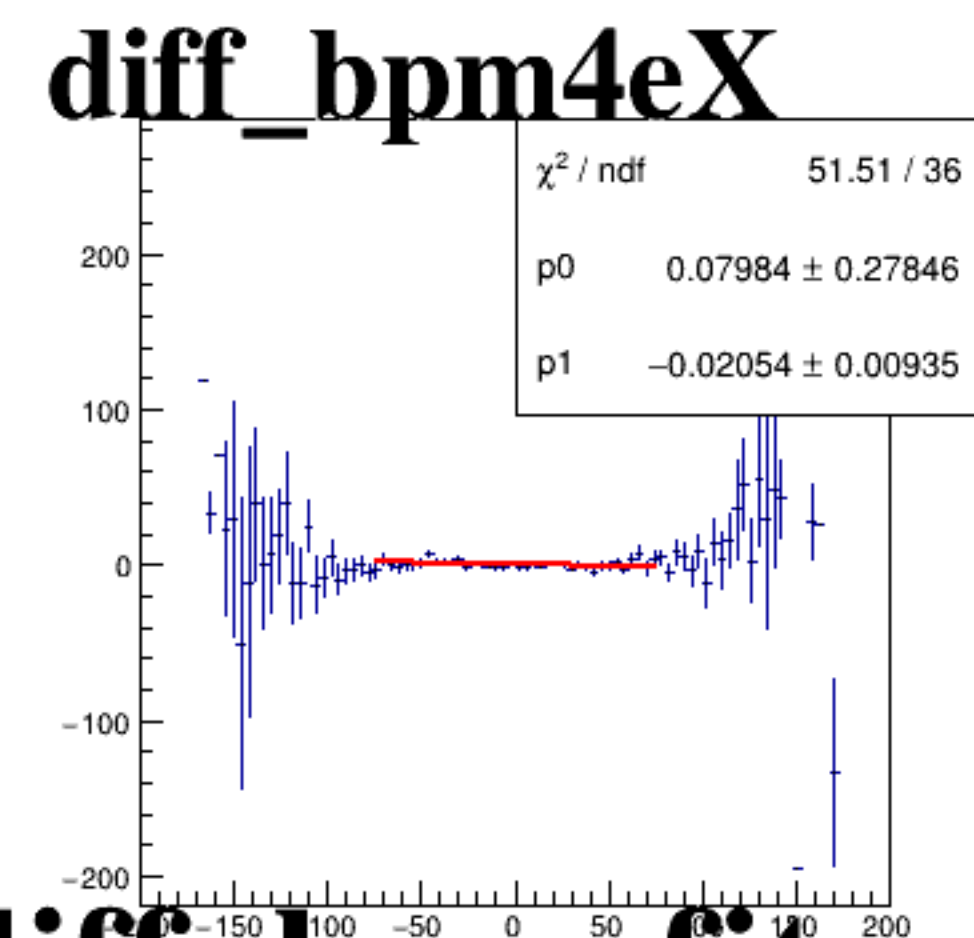
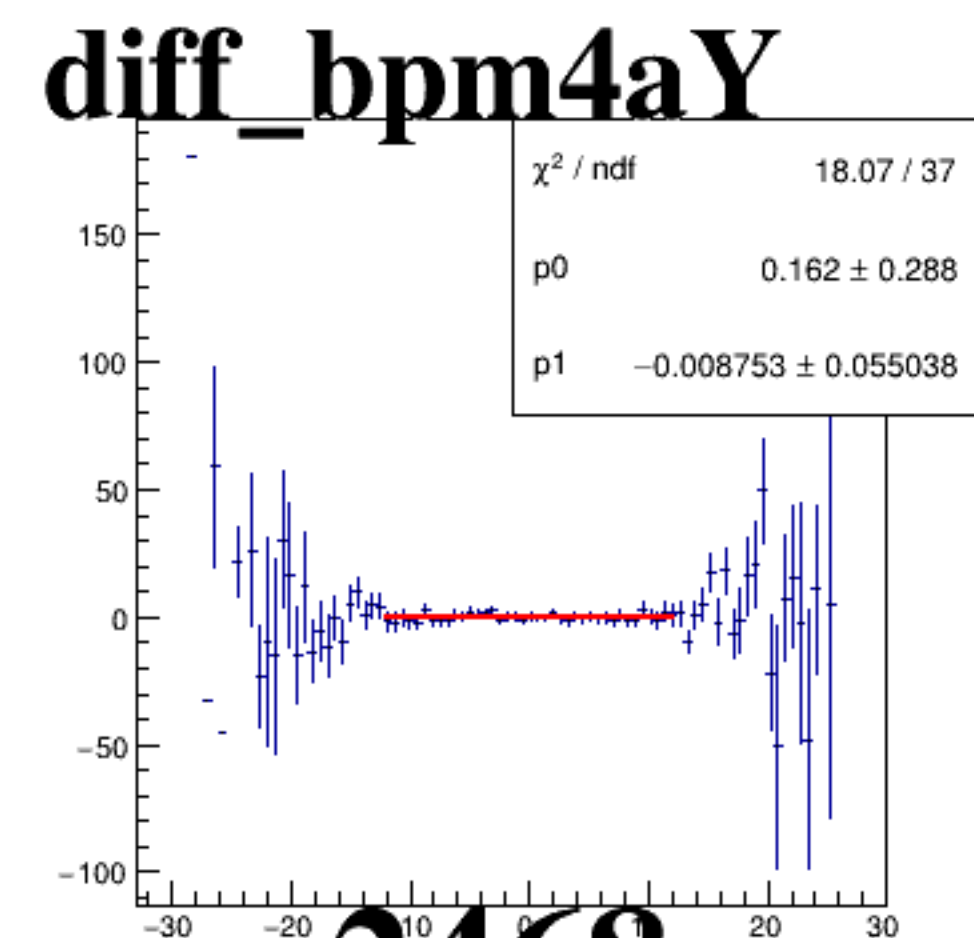
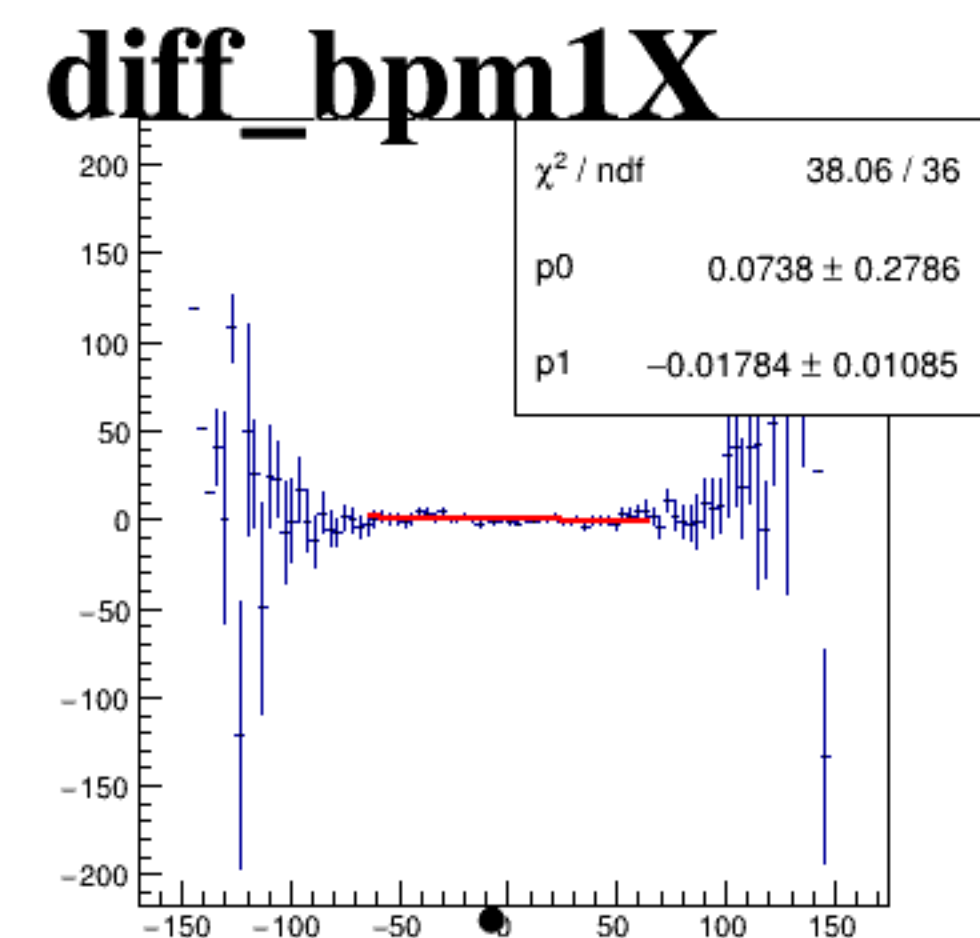
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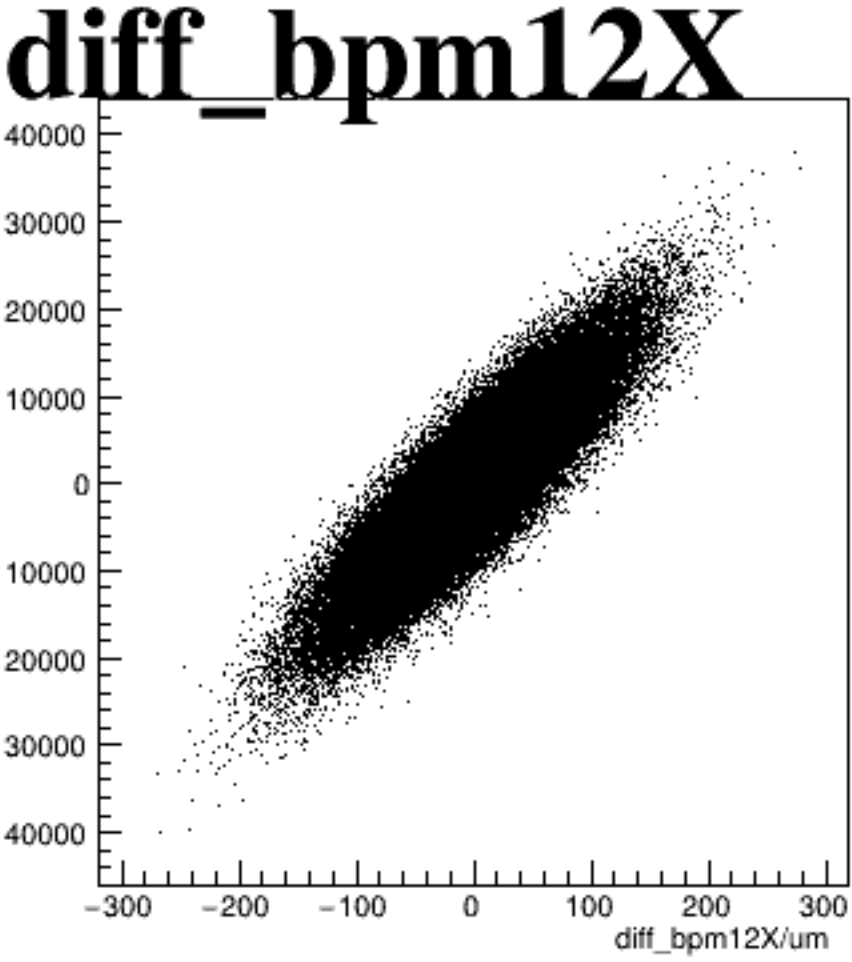
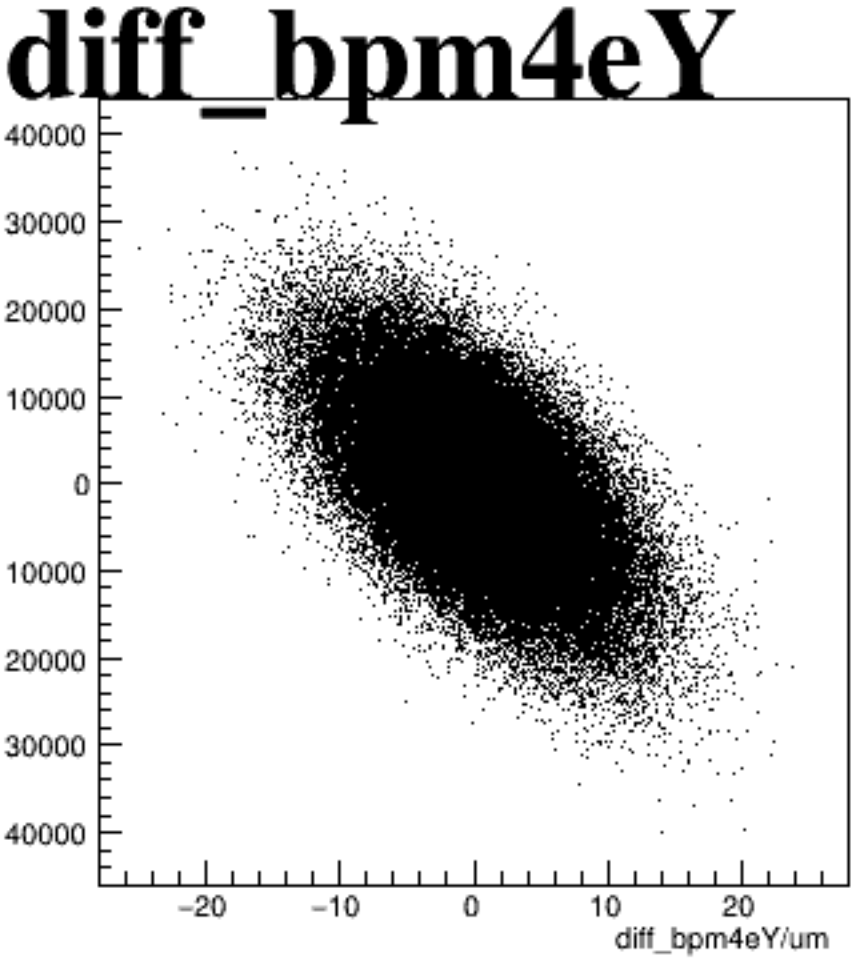
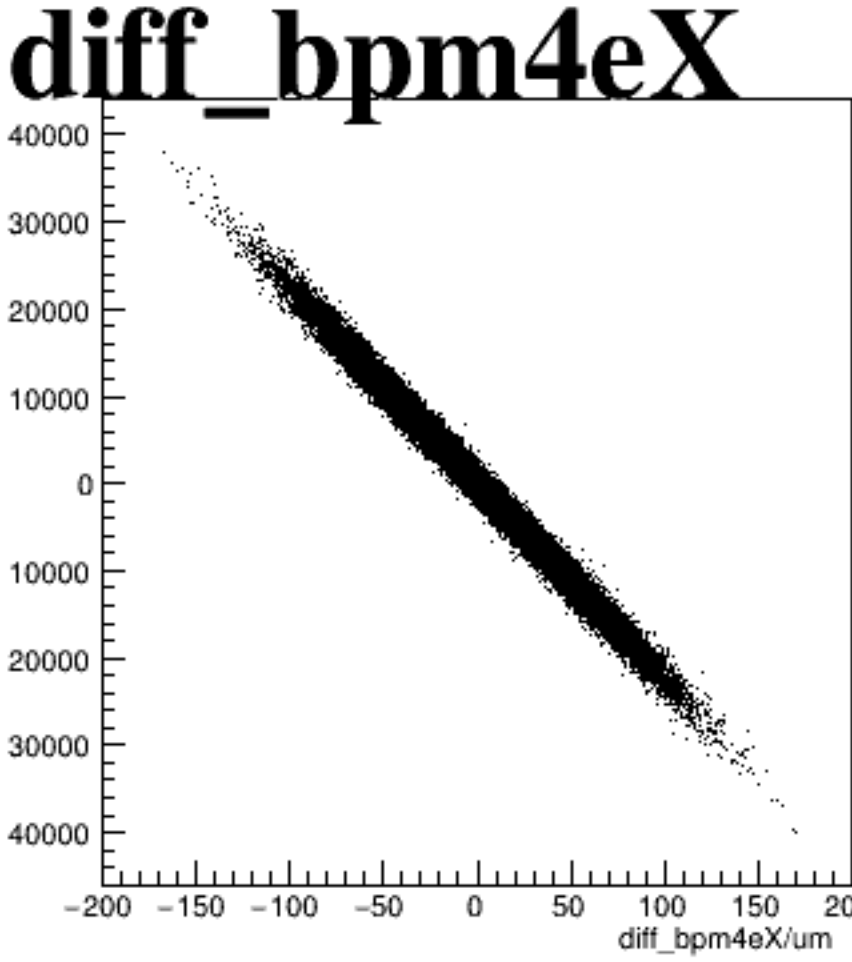
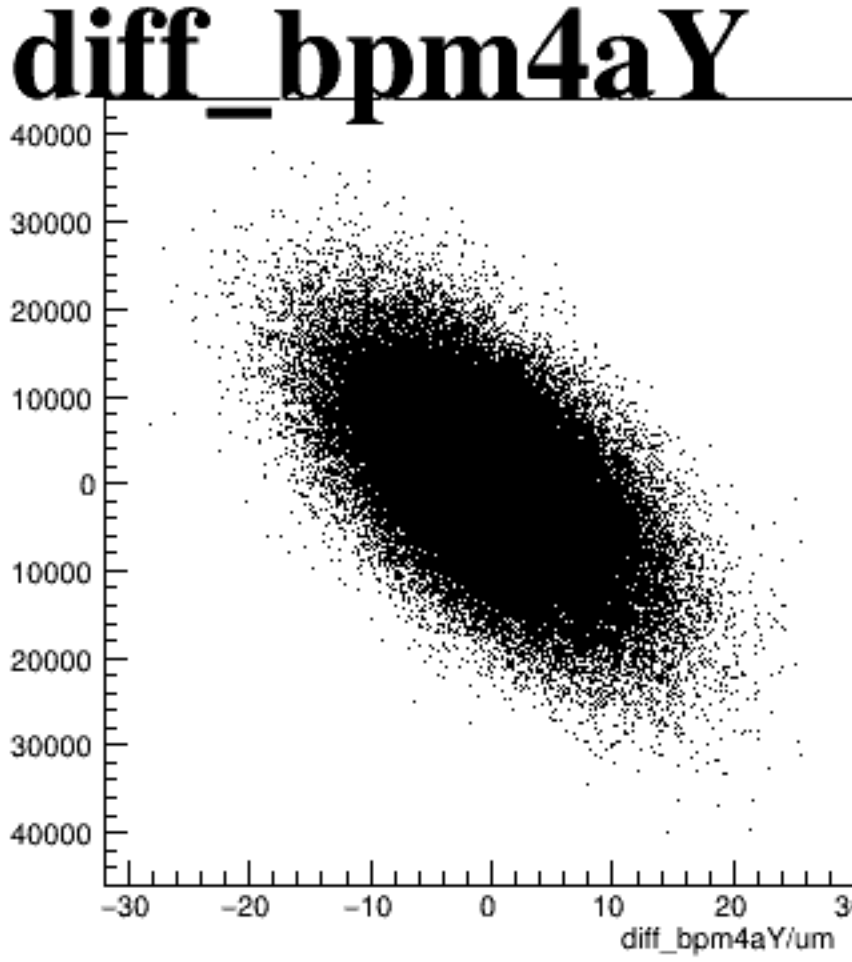
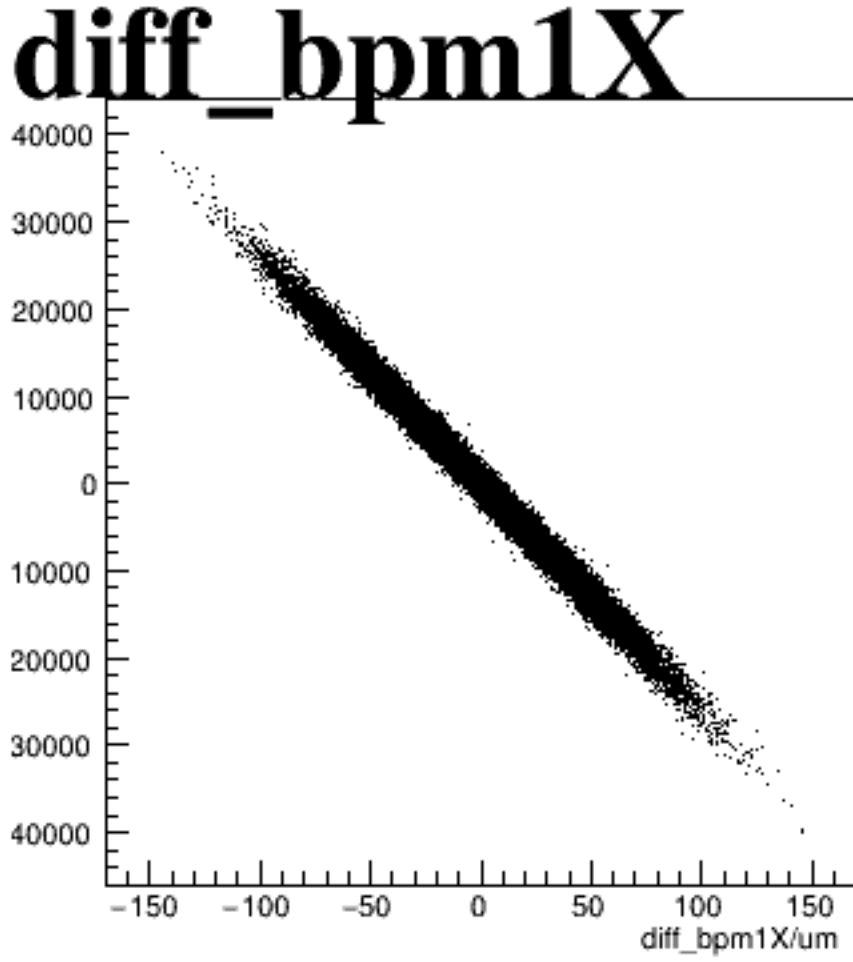
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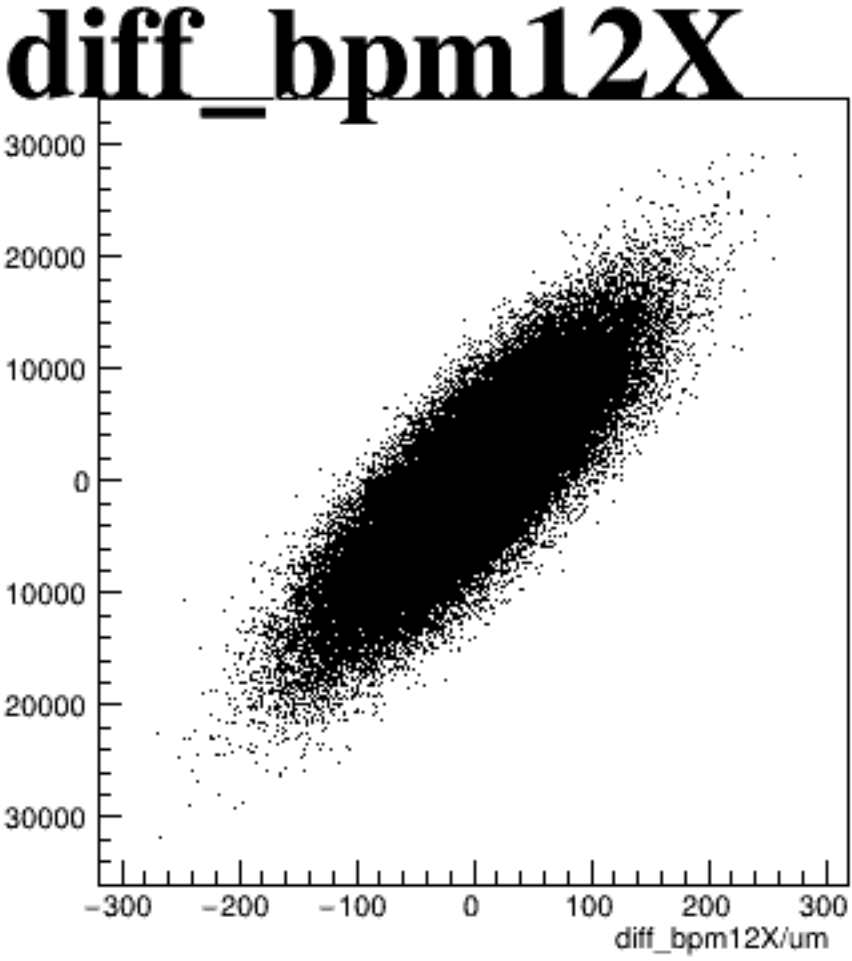
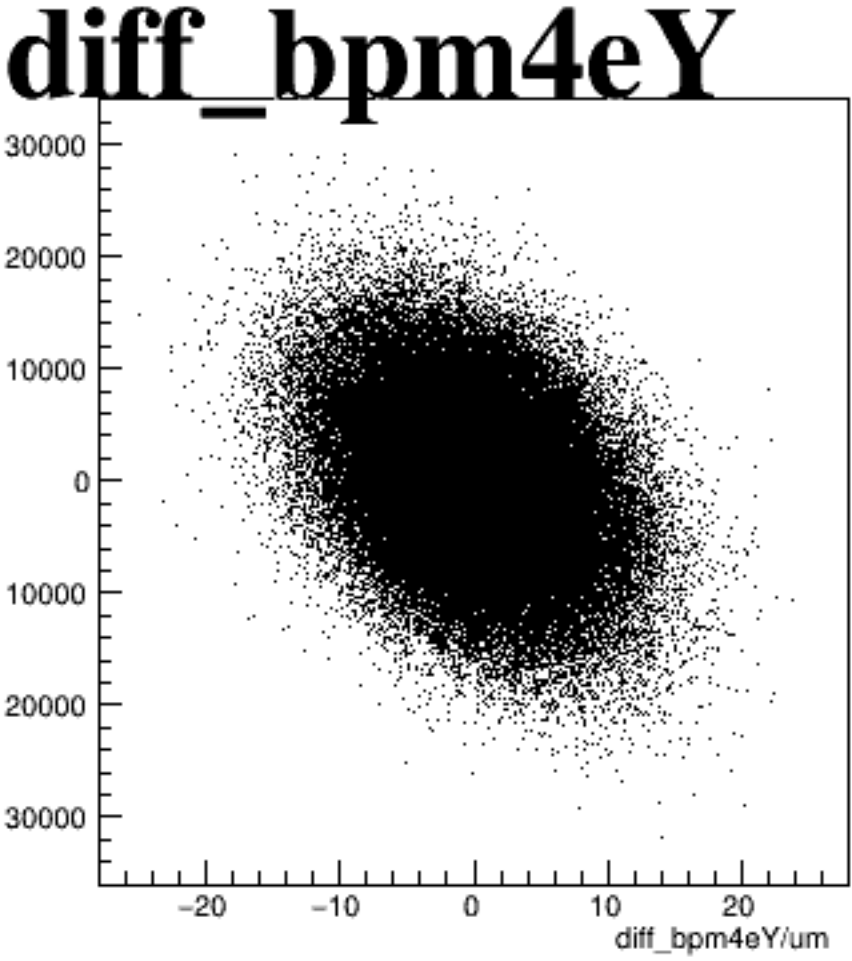
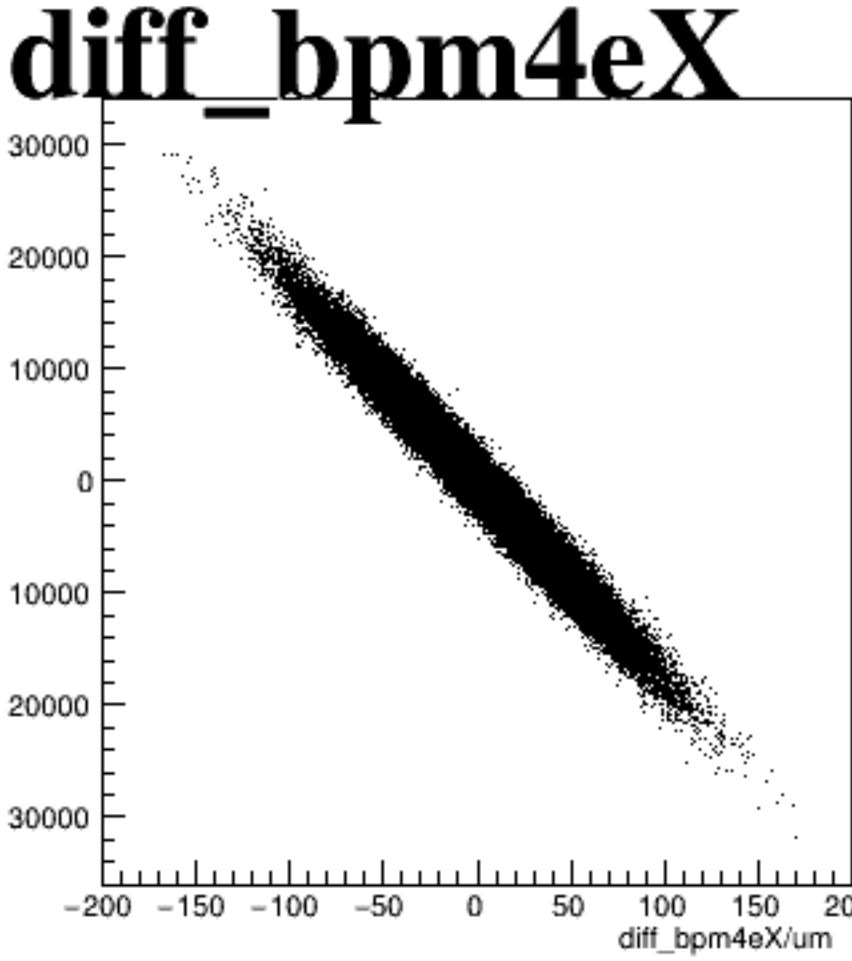
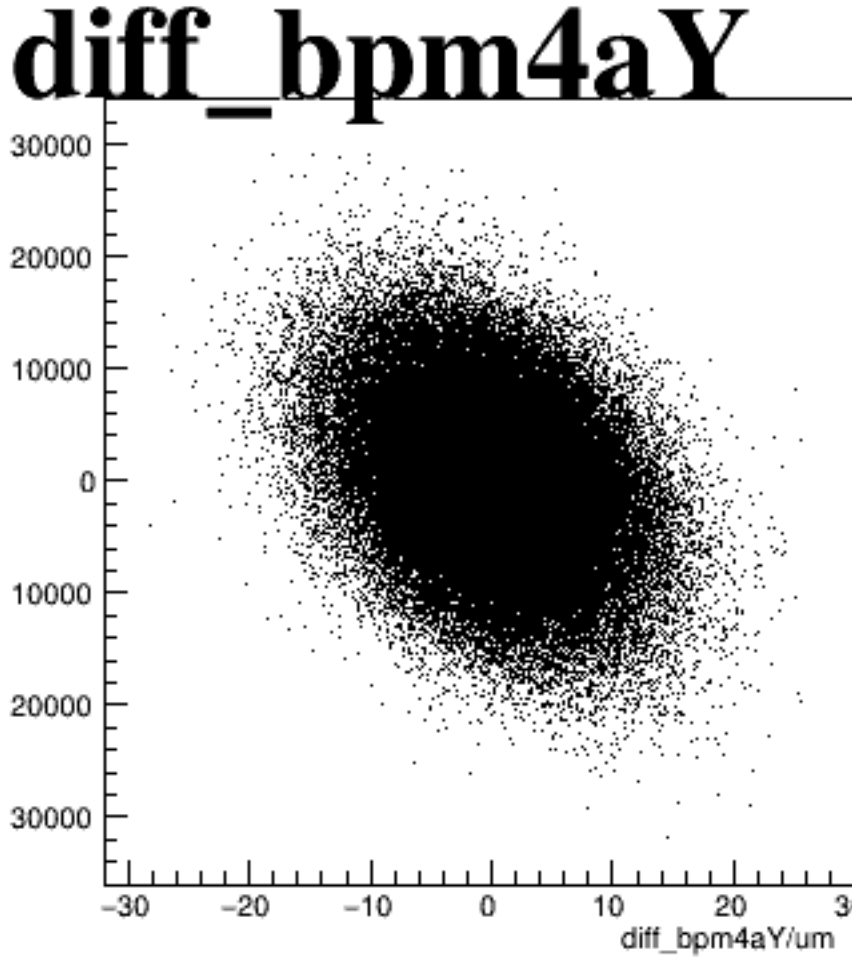
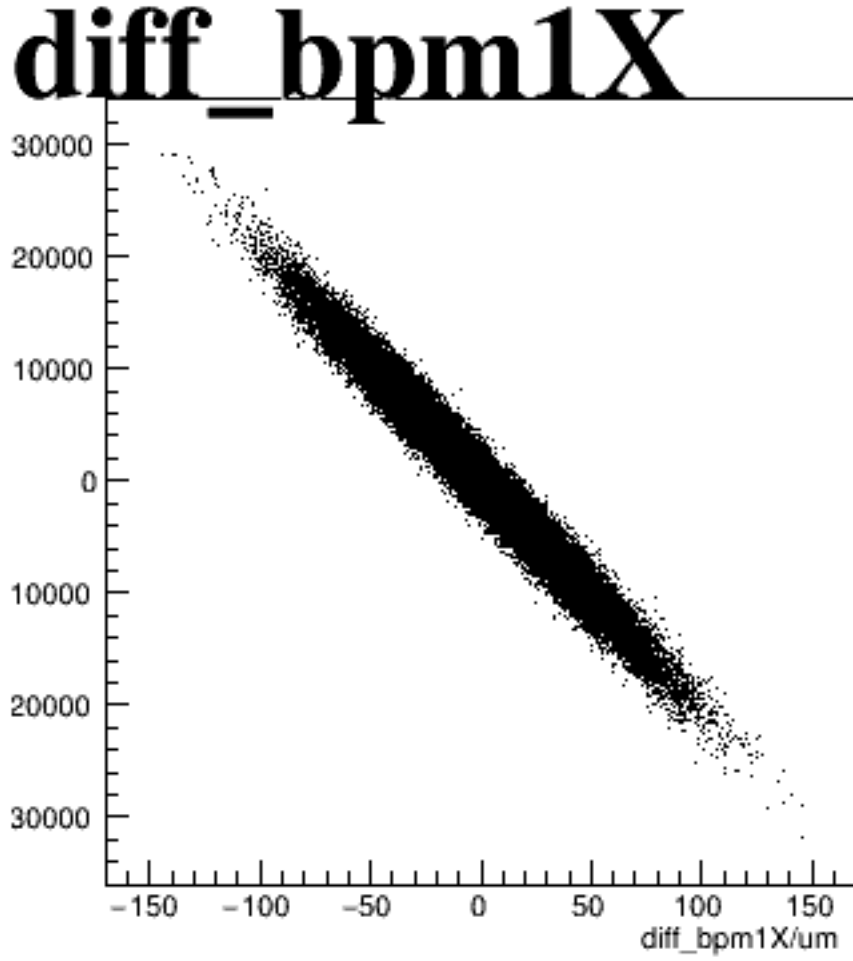
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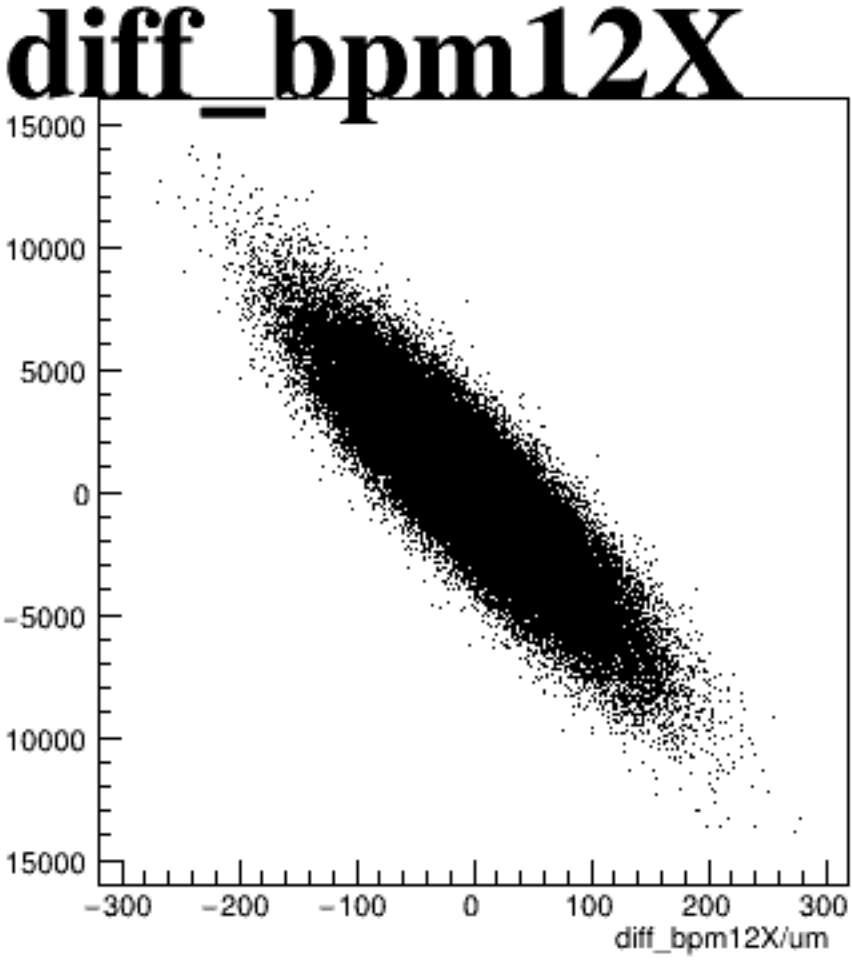
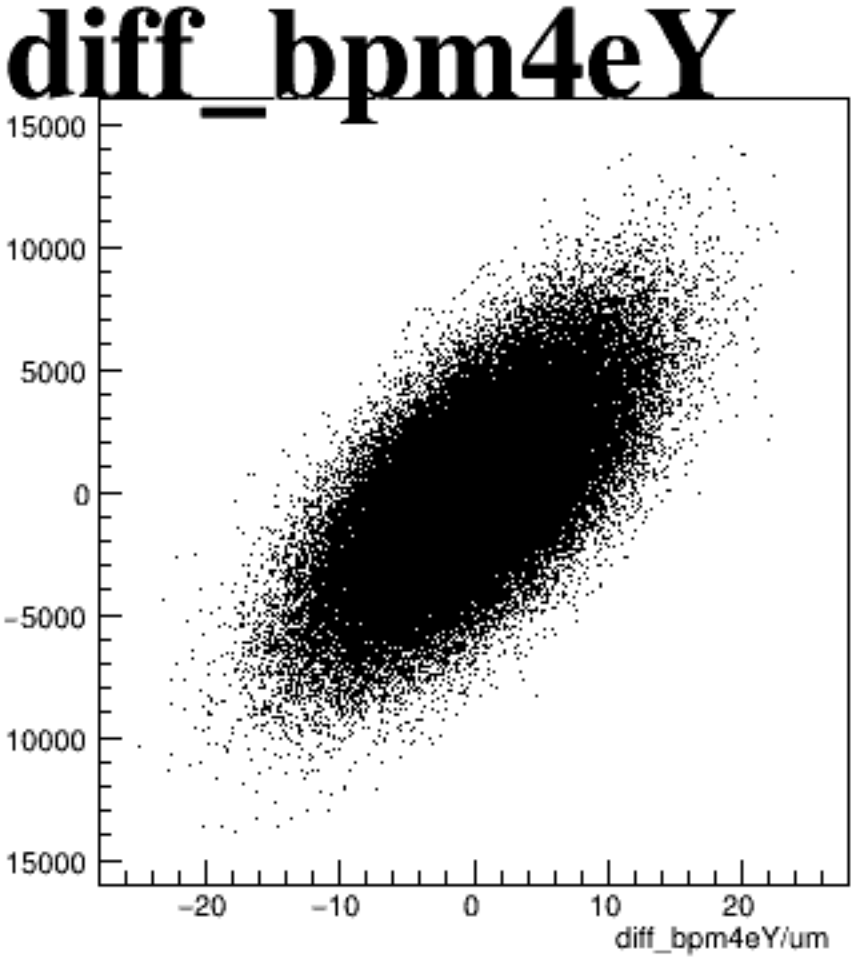
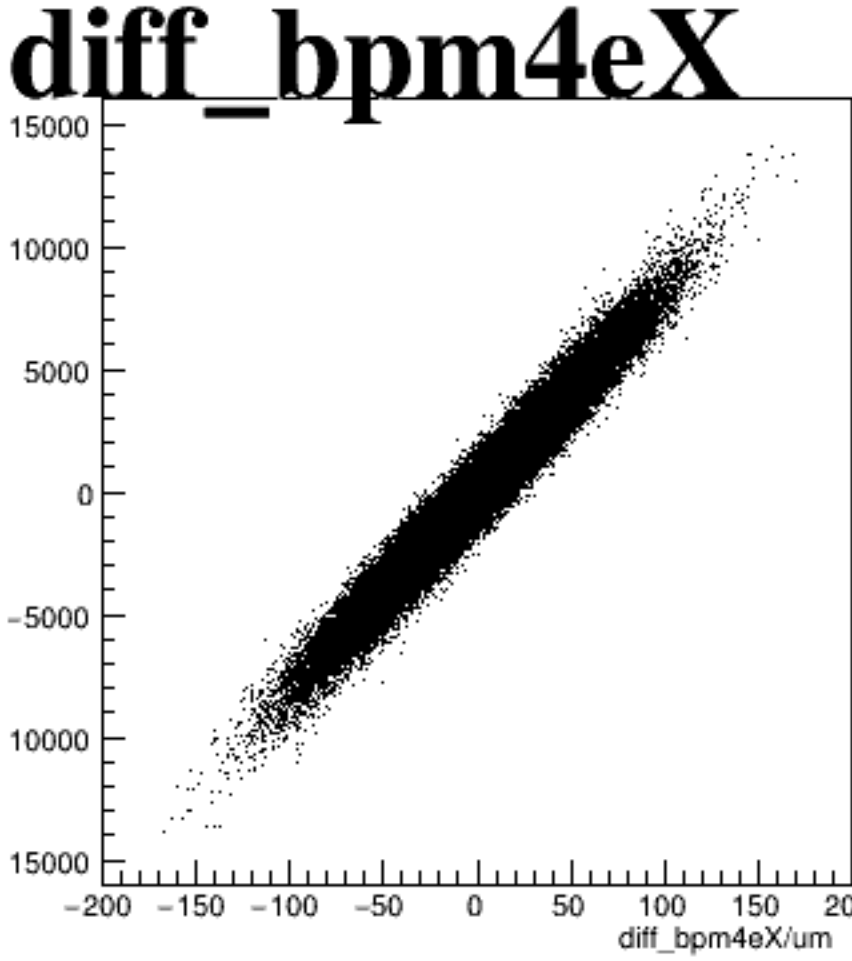
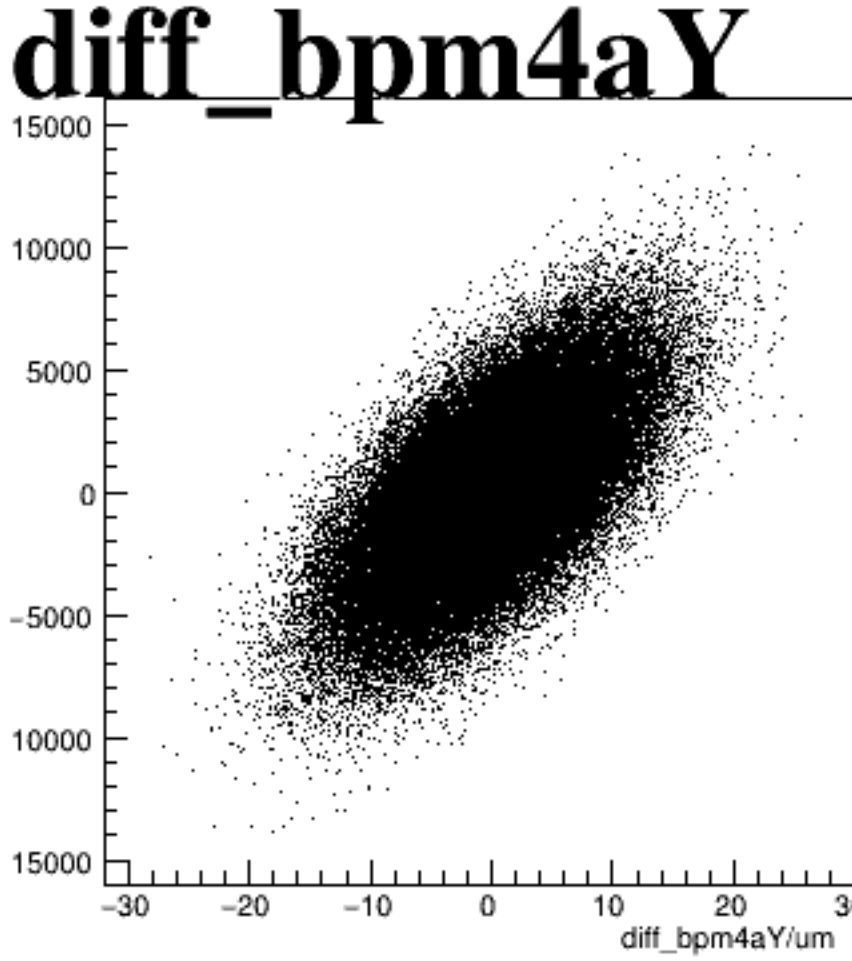
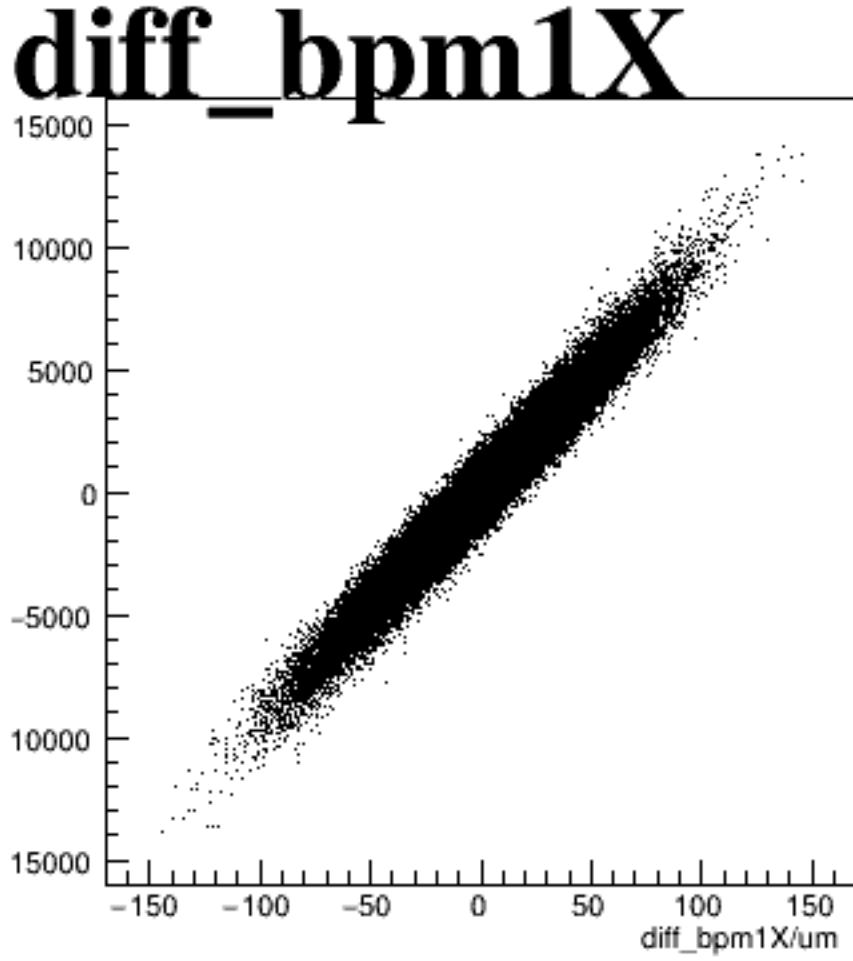
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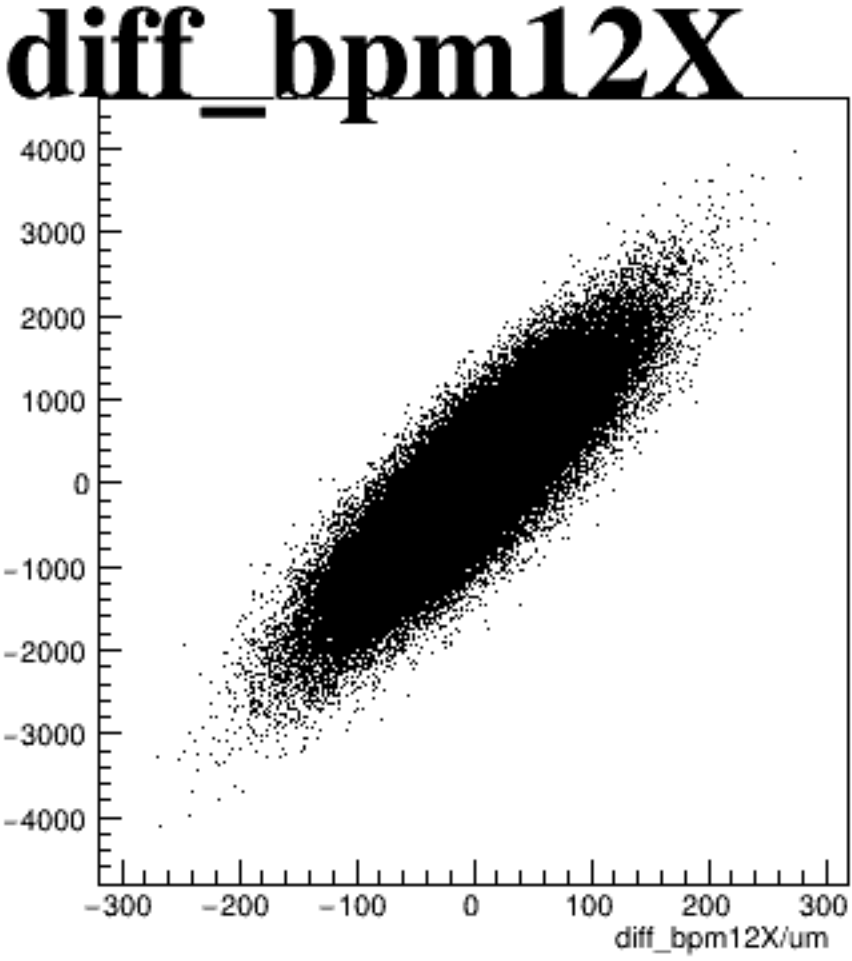
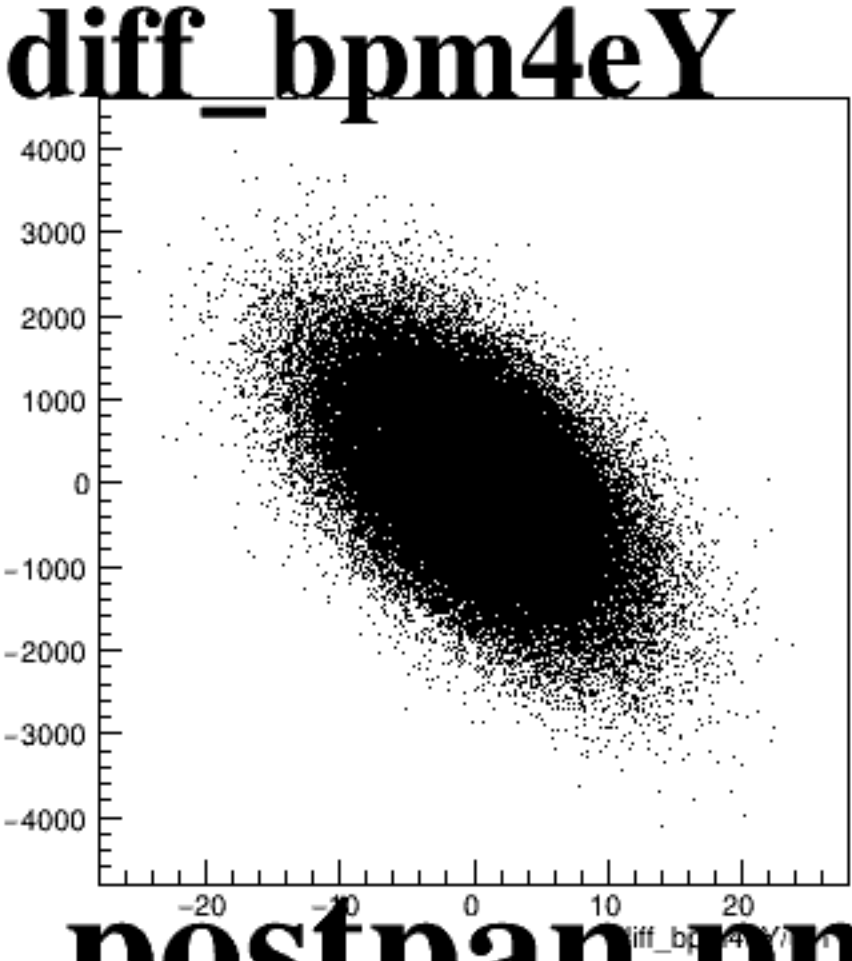
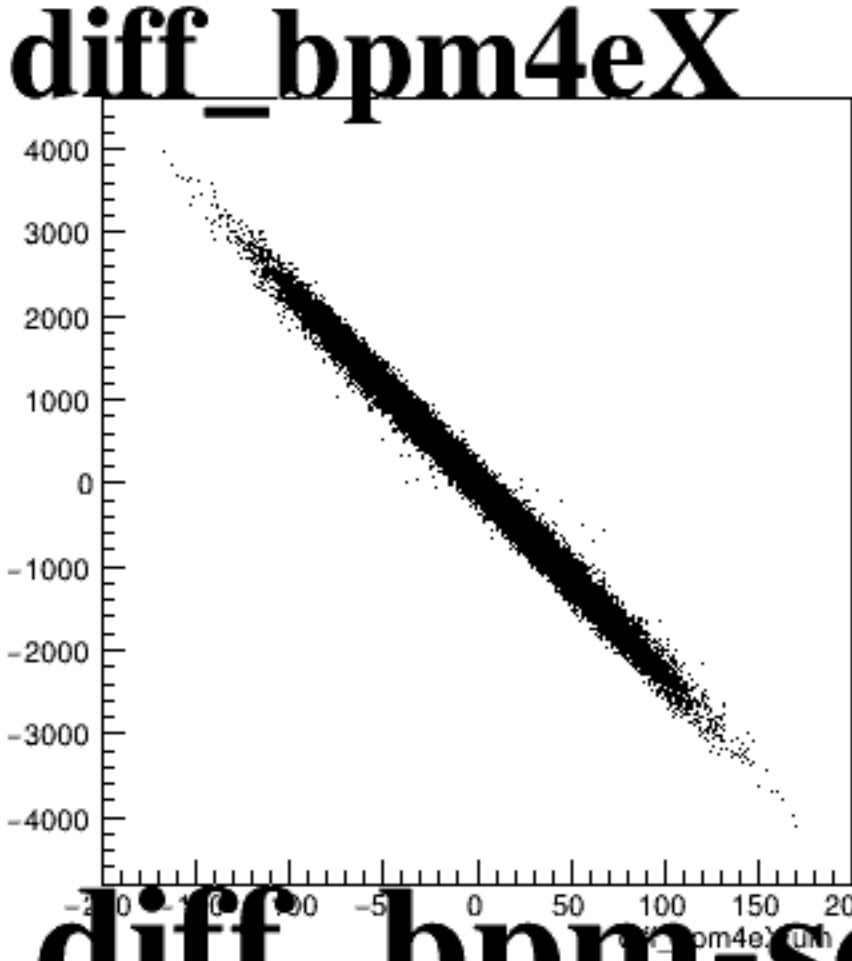
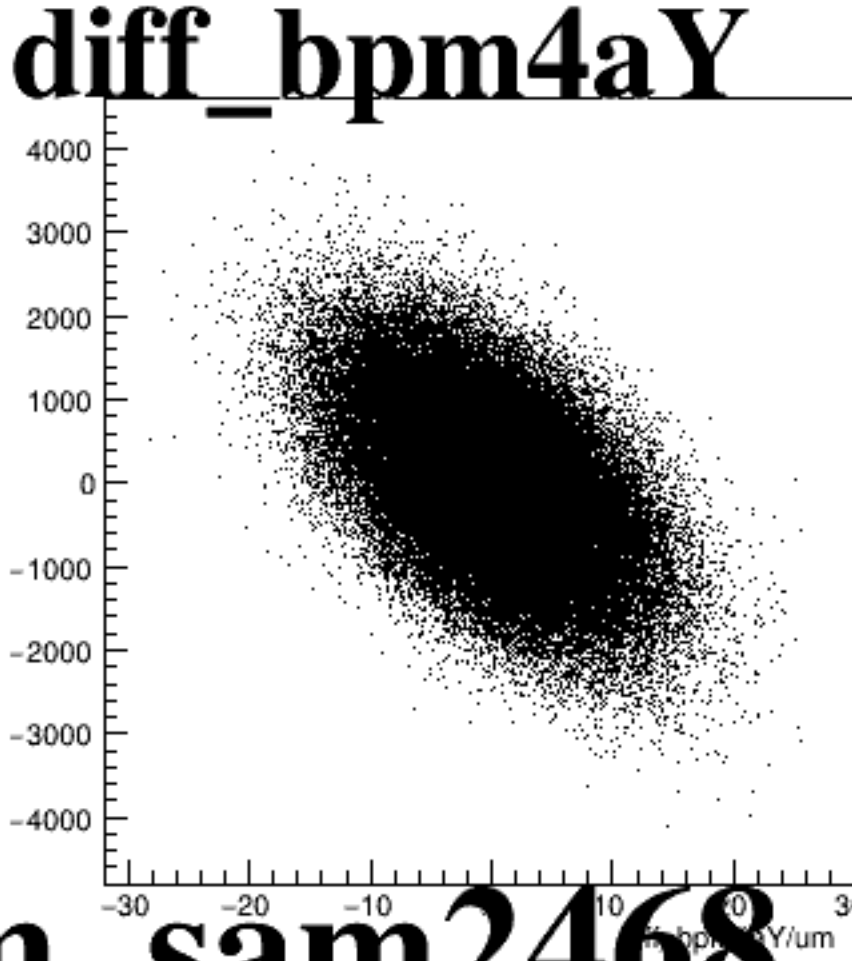
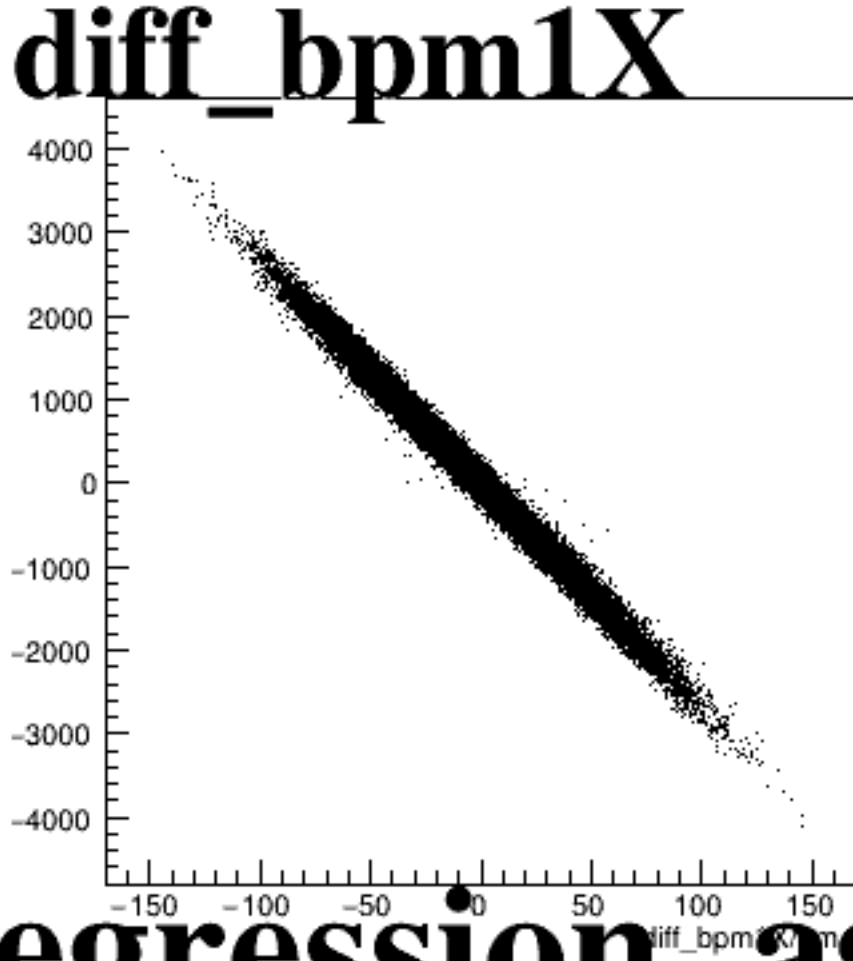
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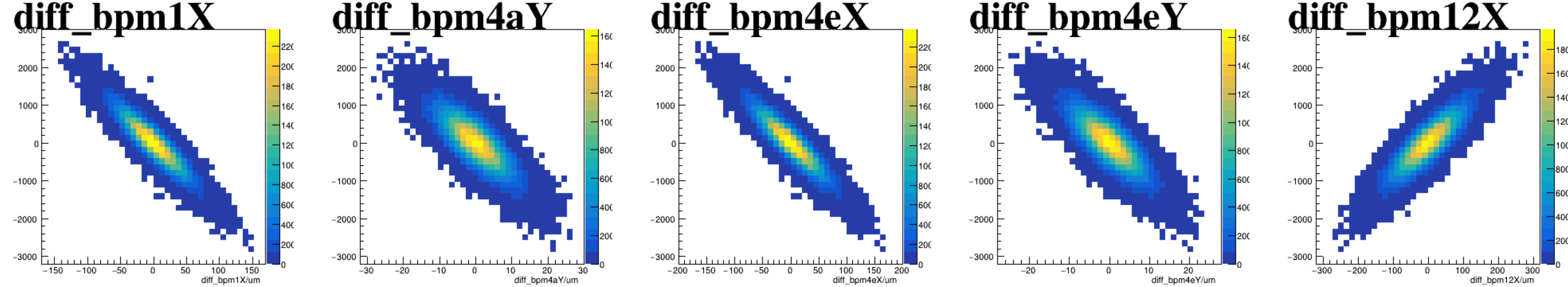
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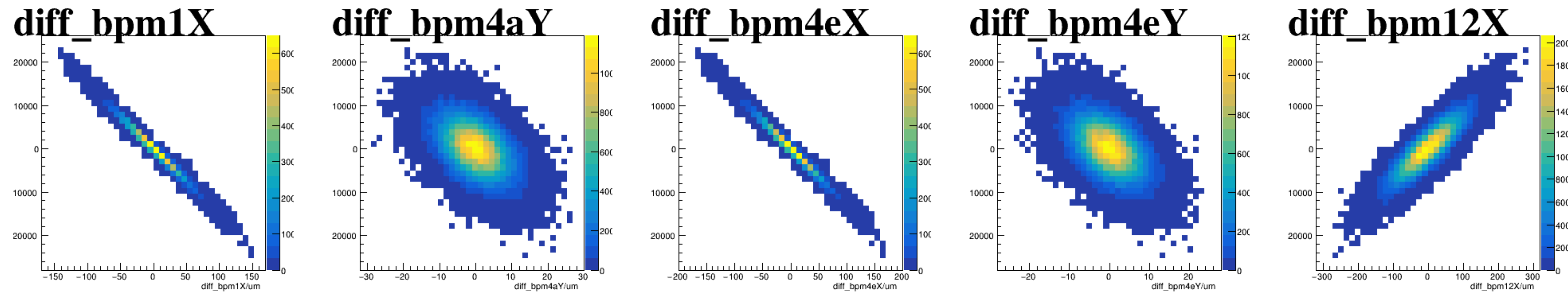
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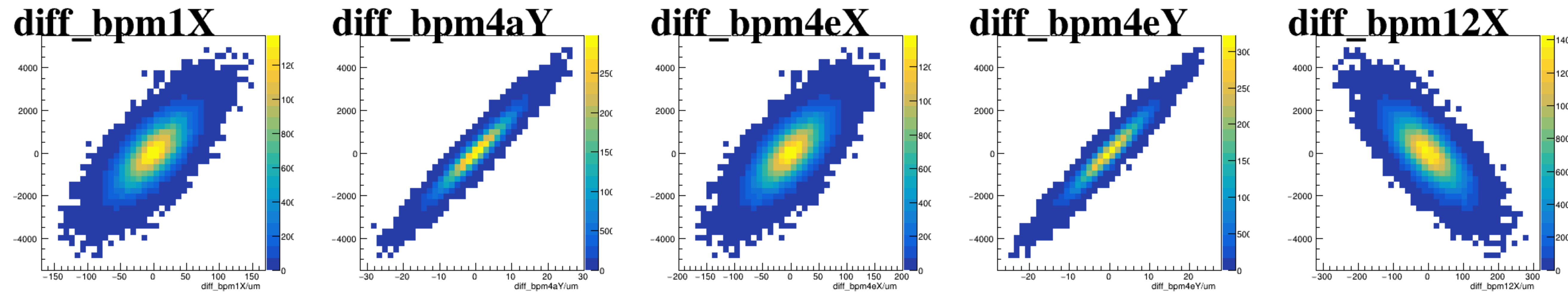
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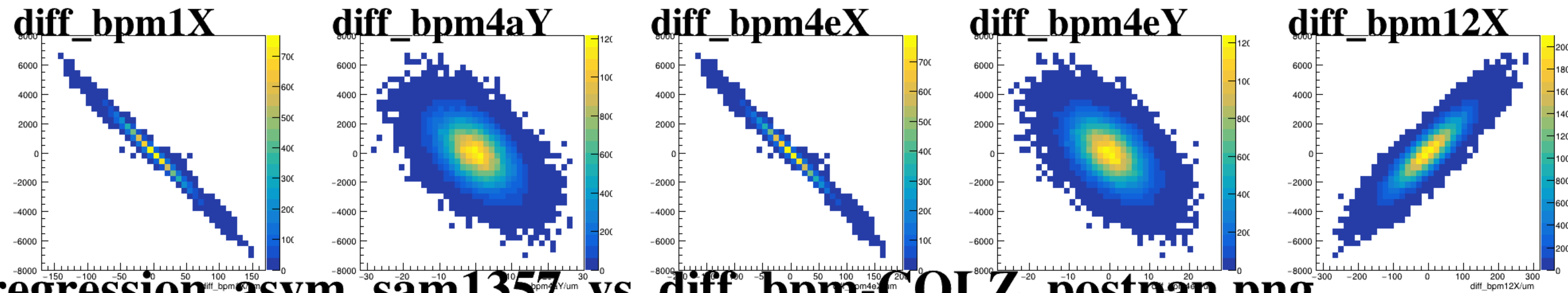
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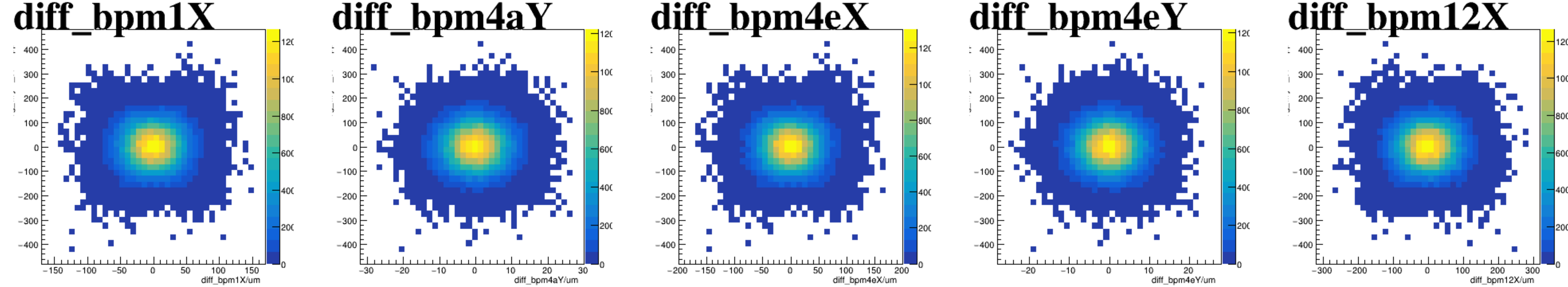
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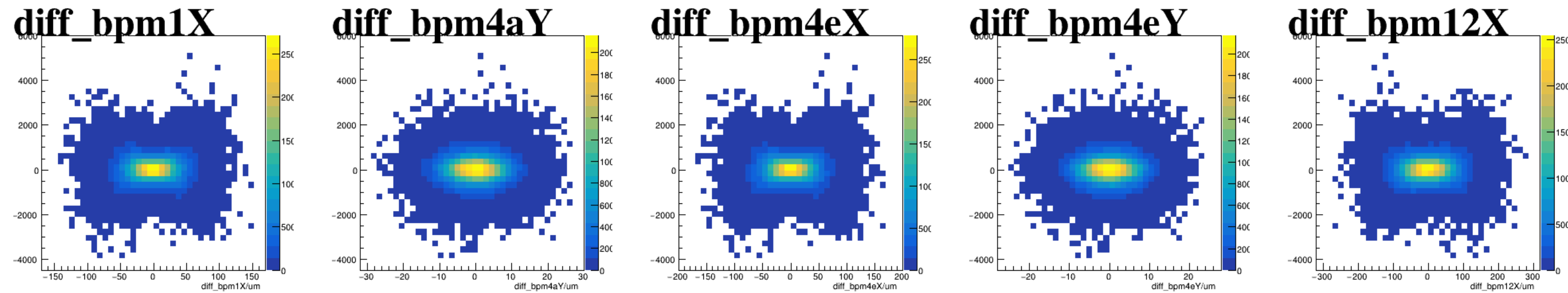
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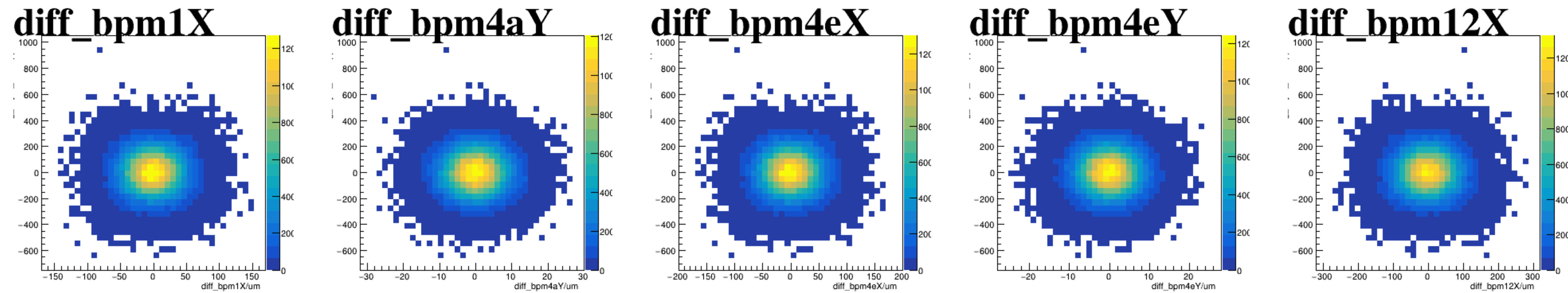
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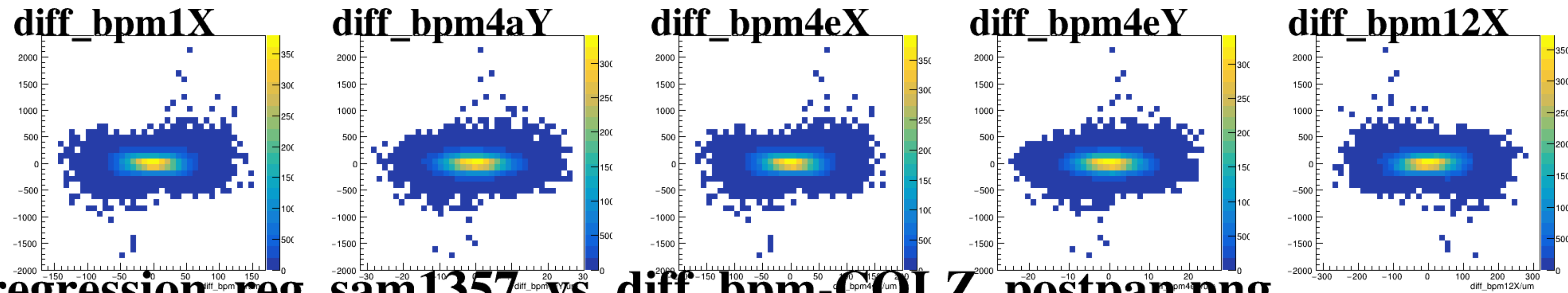
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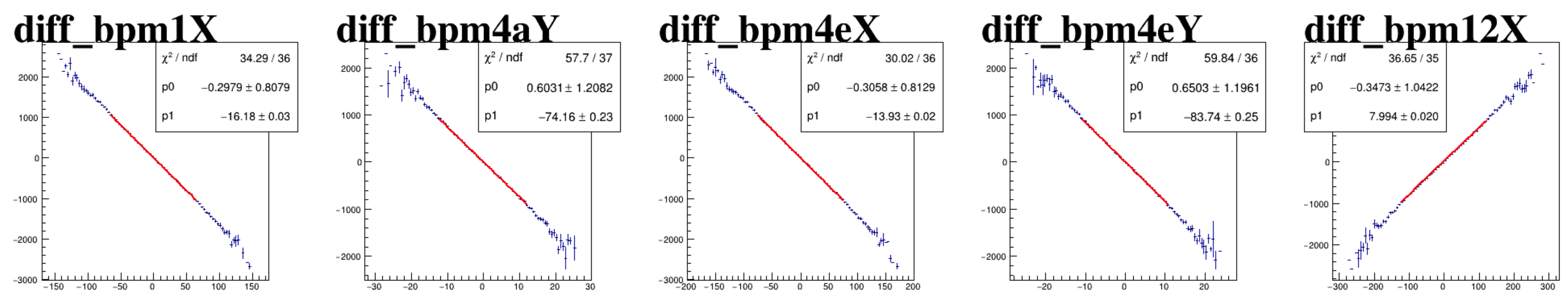
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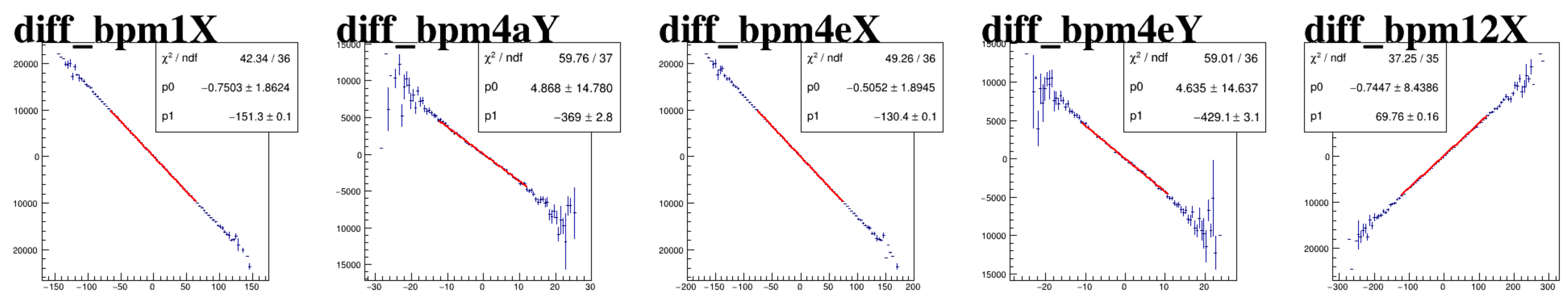
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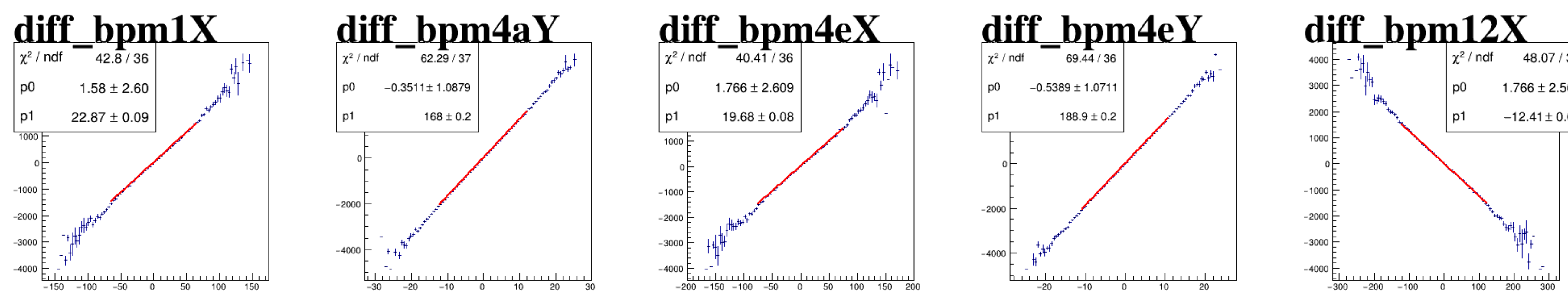
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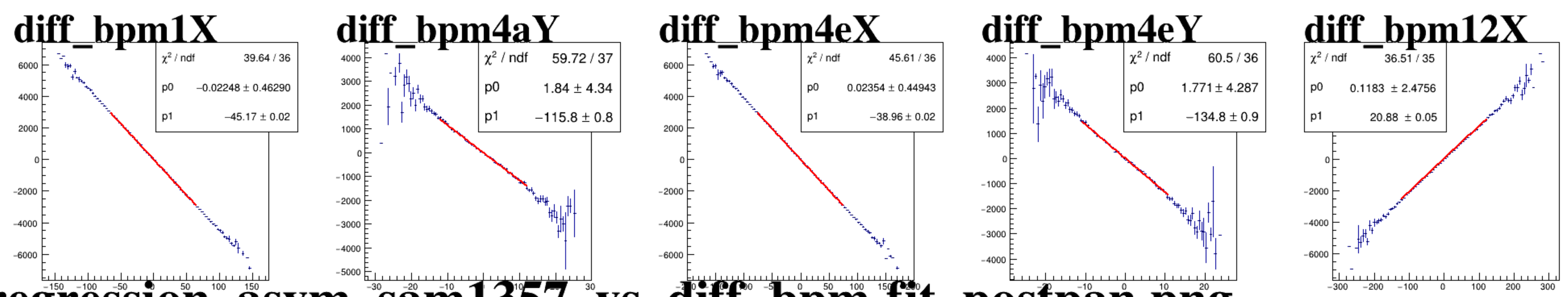
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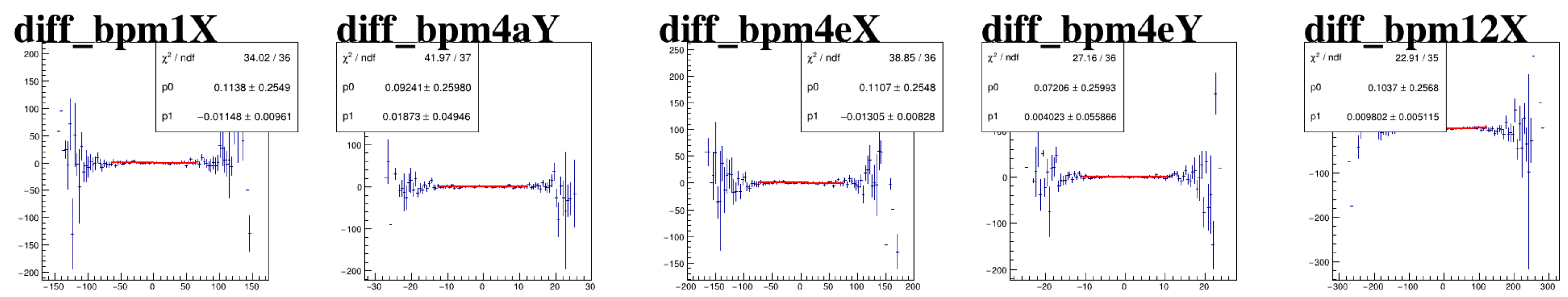
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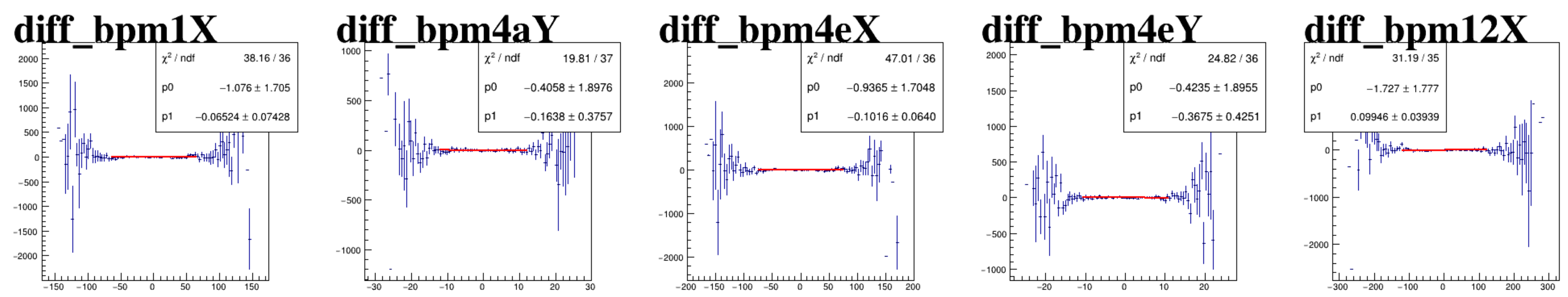
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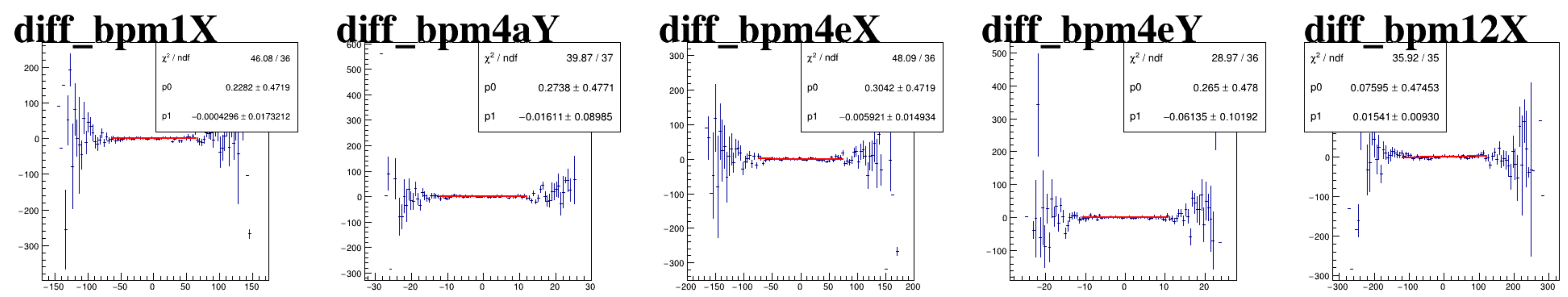
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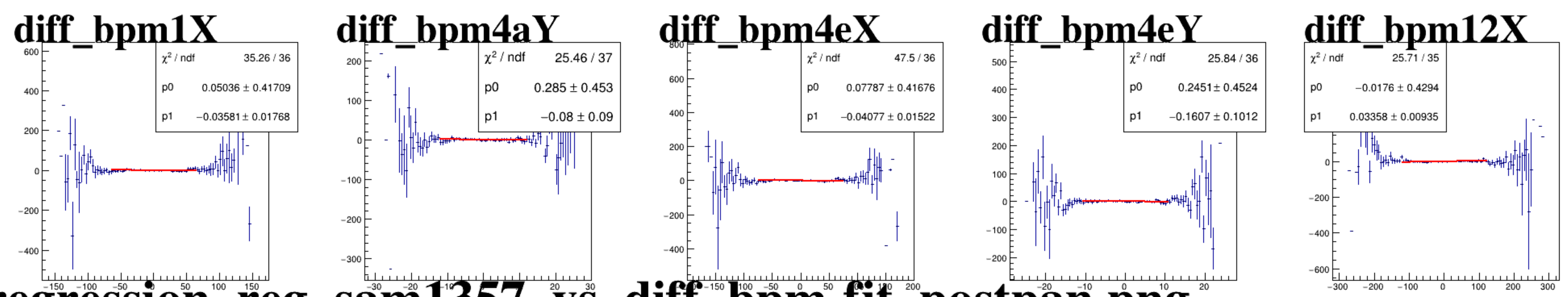
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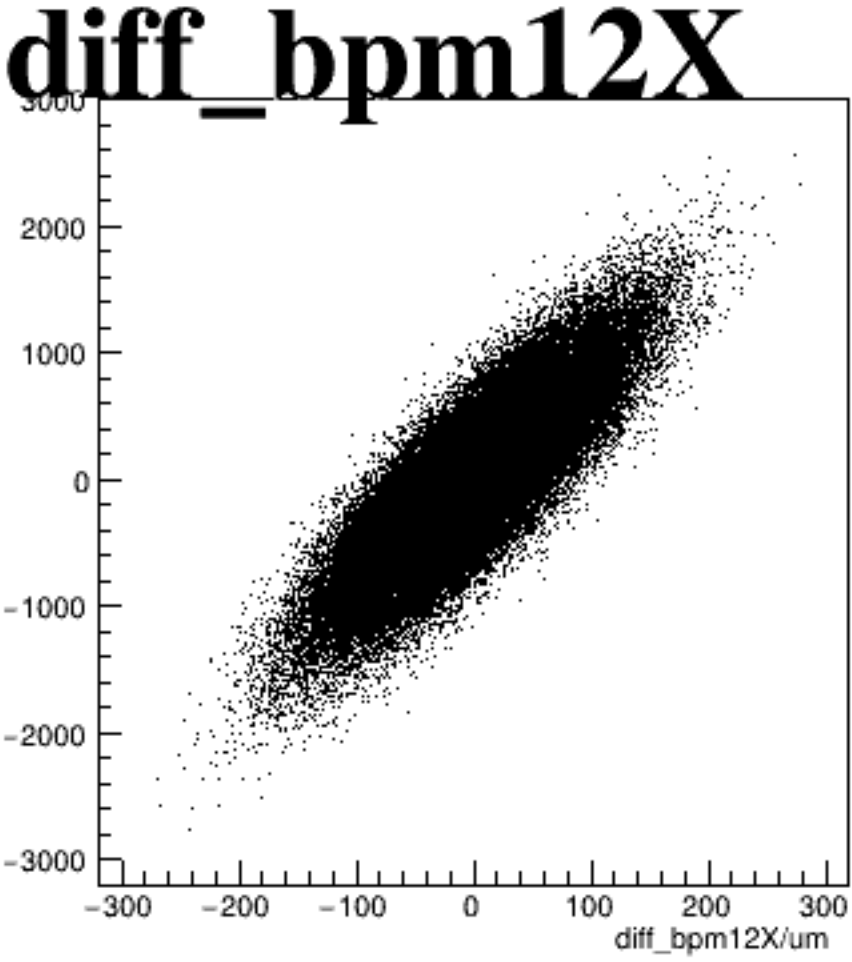
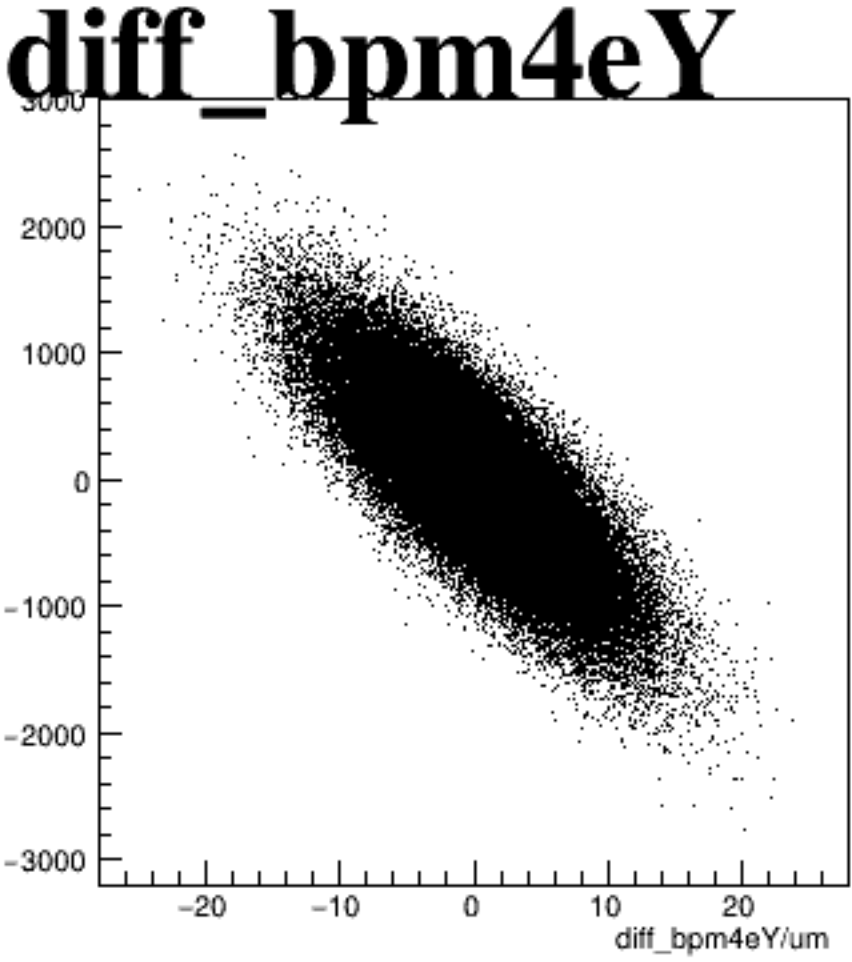
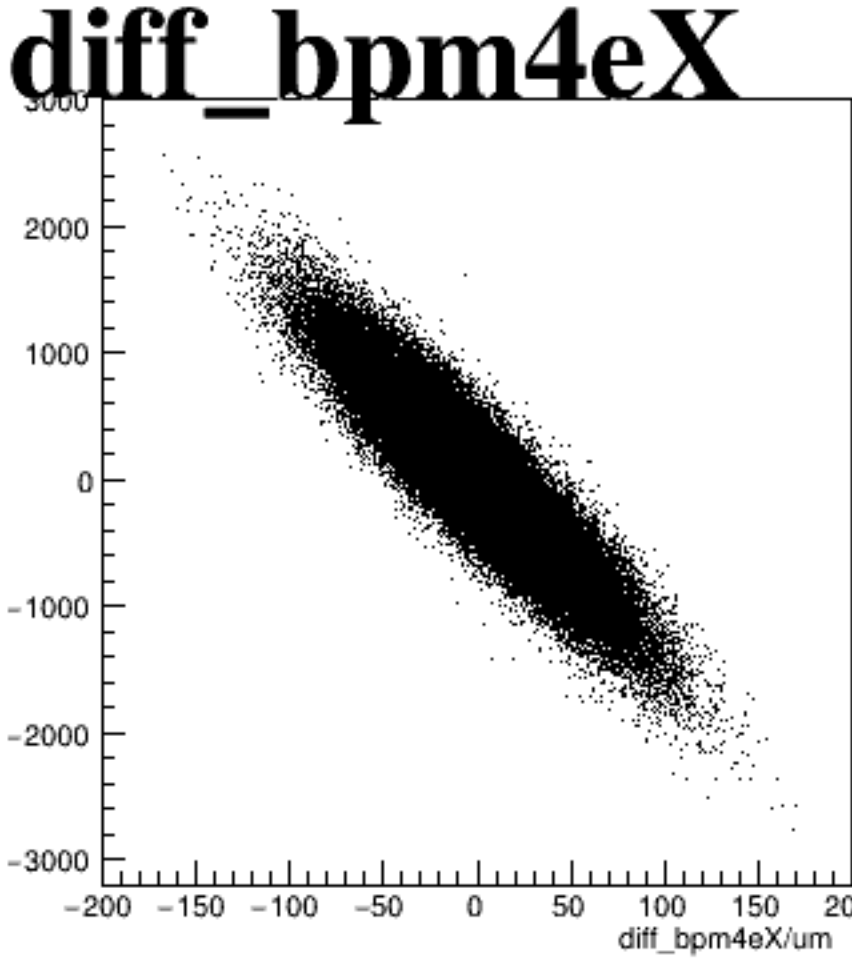
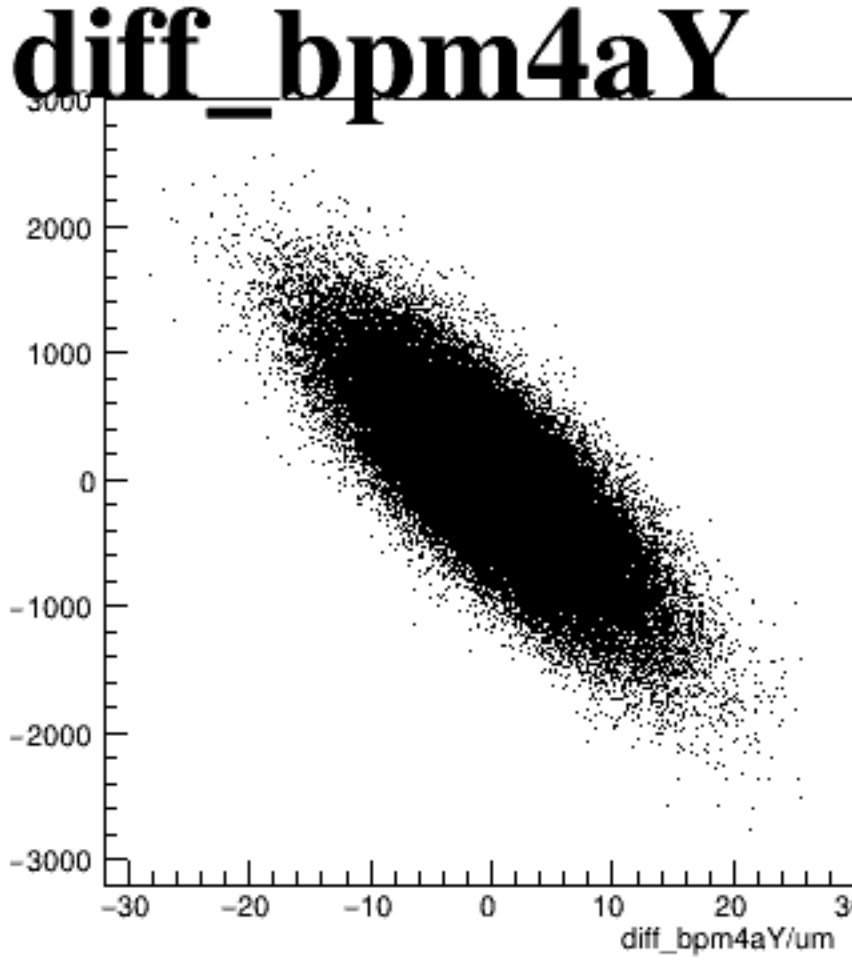
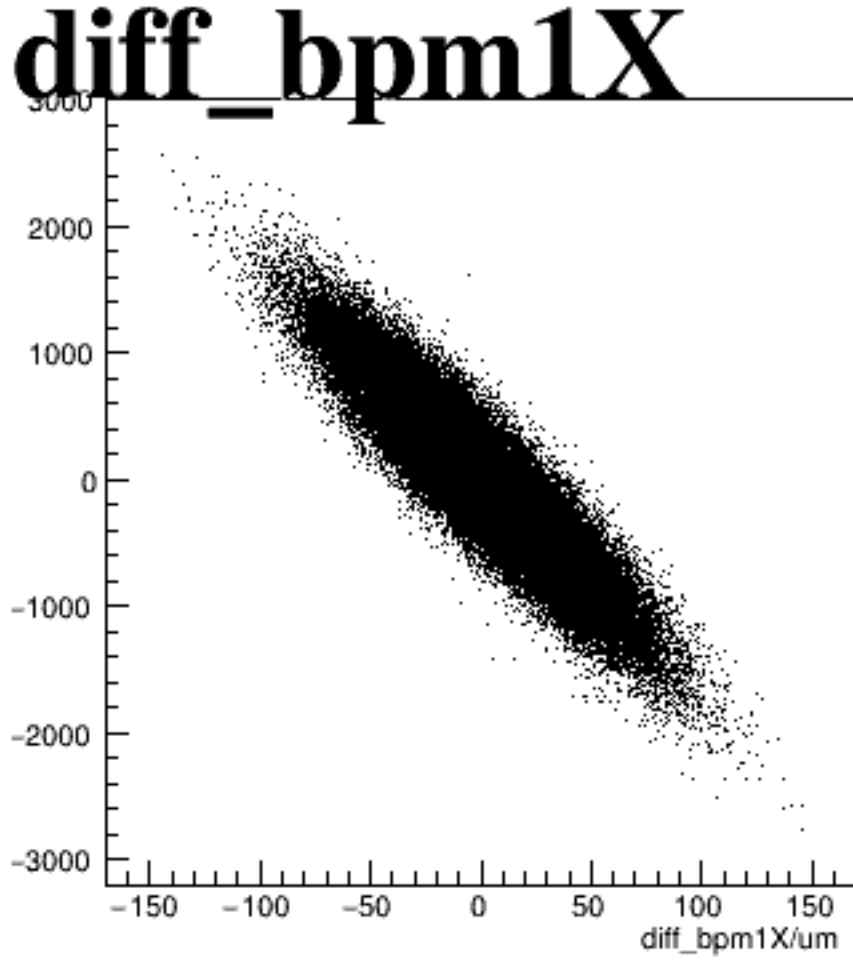
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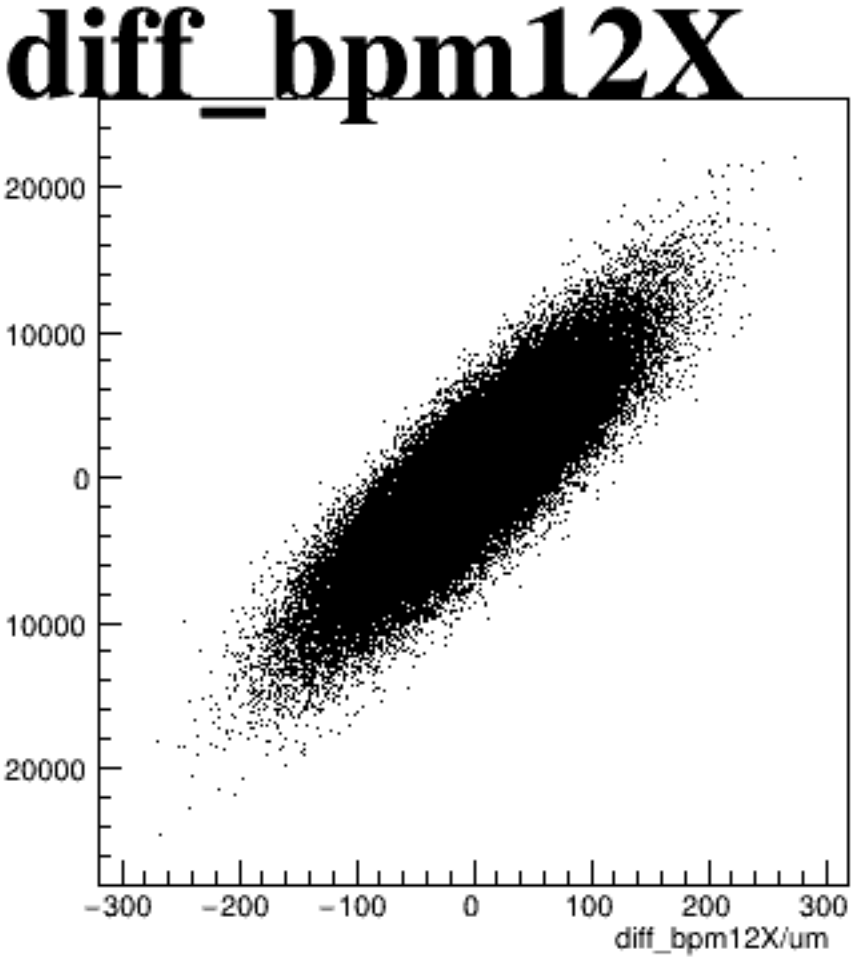
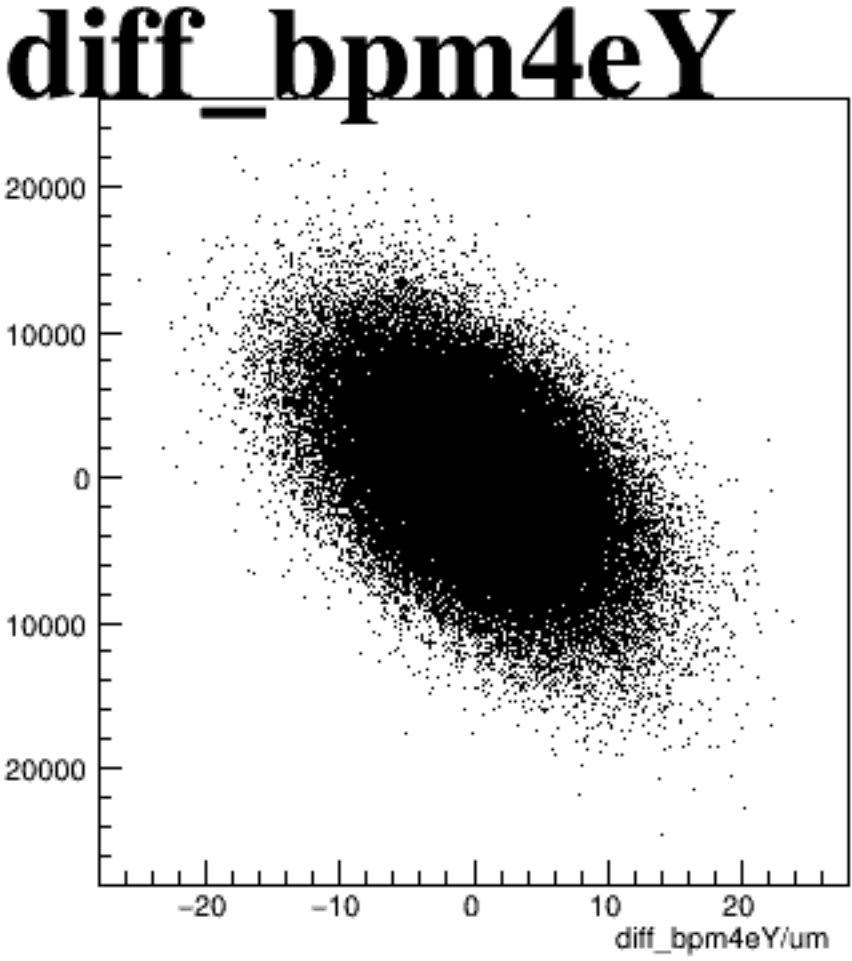
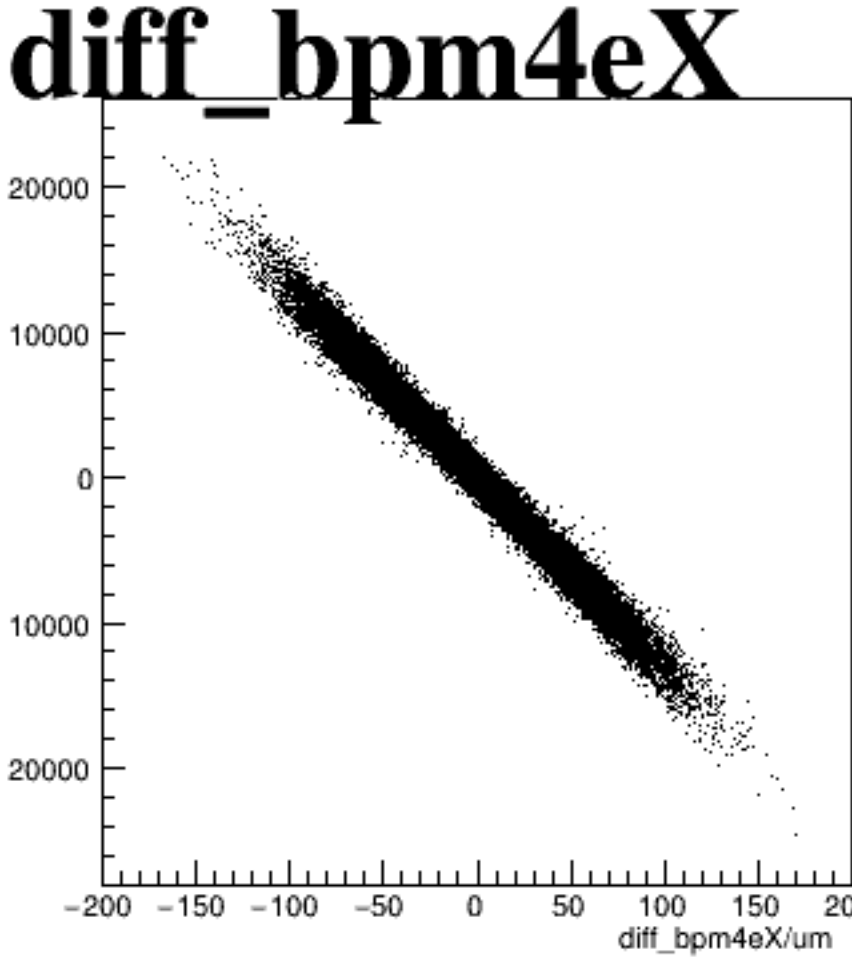
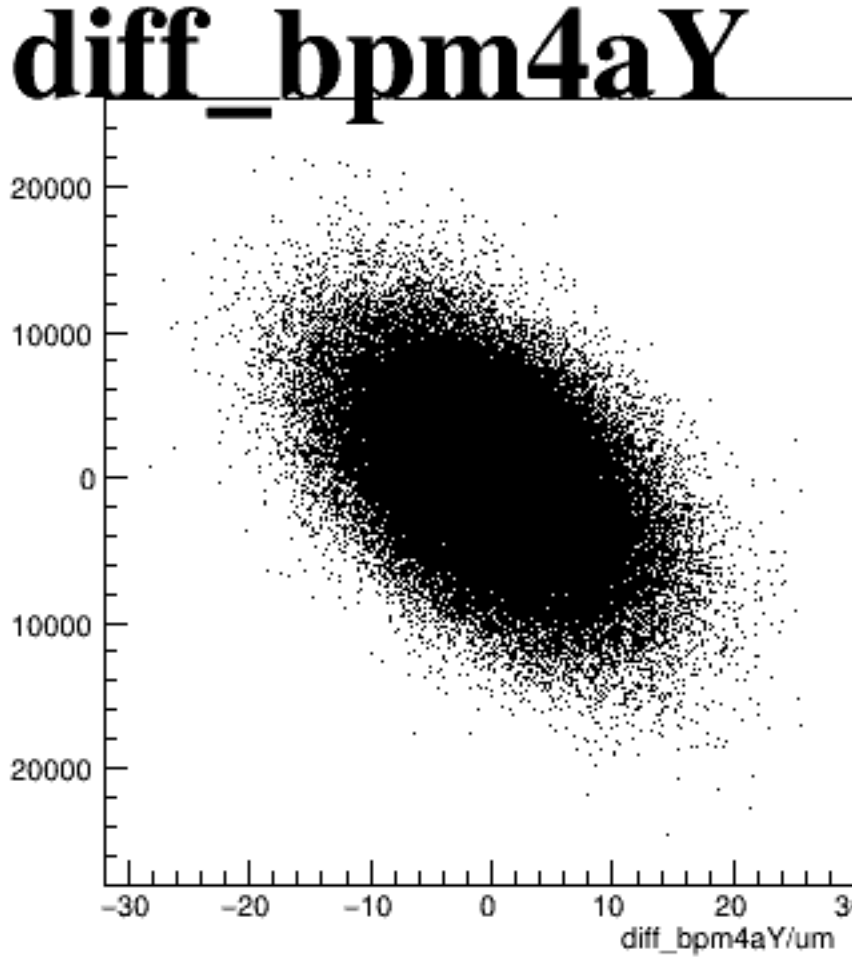
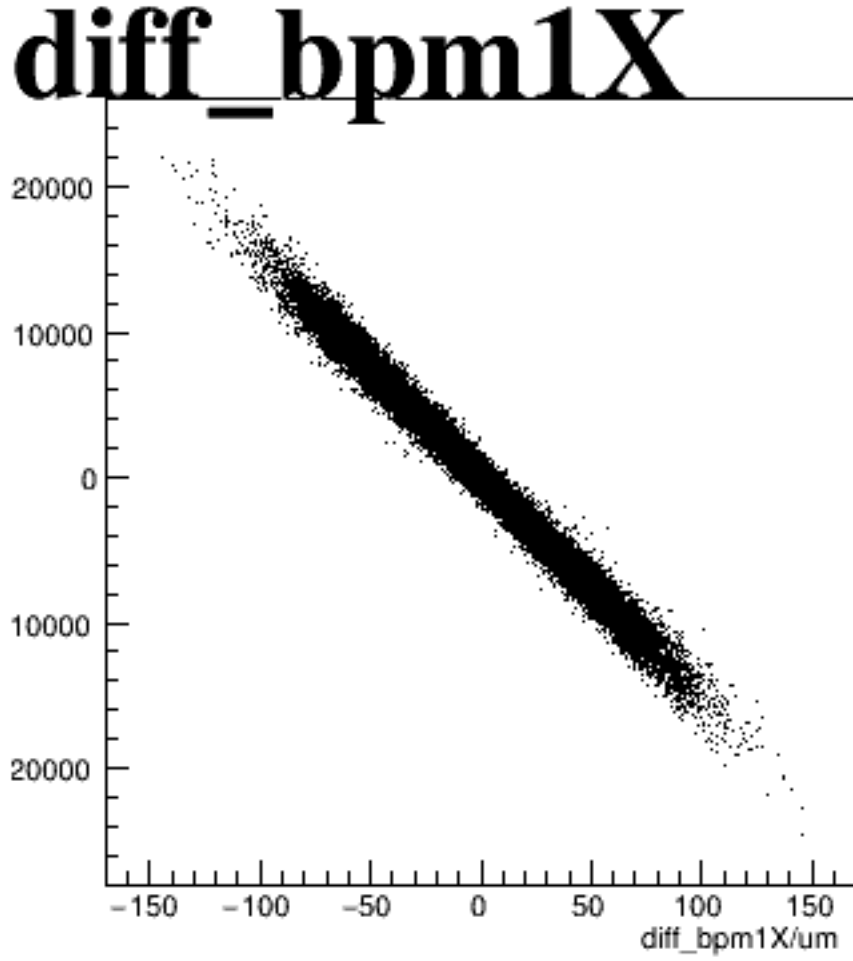
reg_asym_sam7



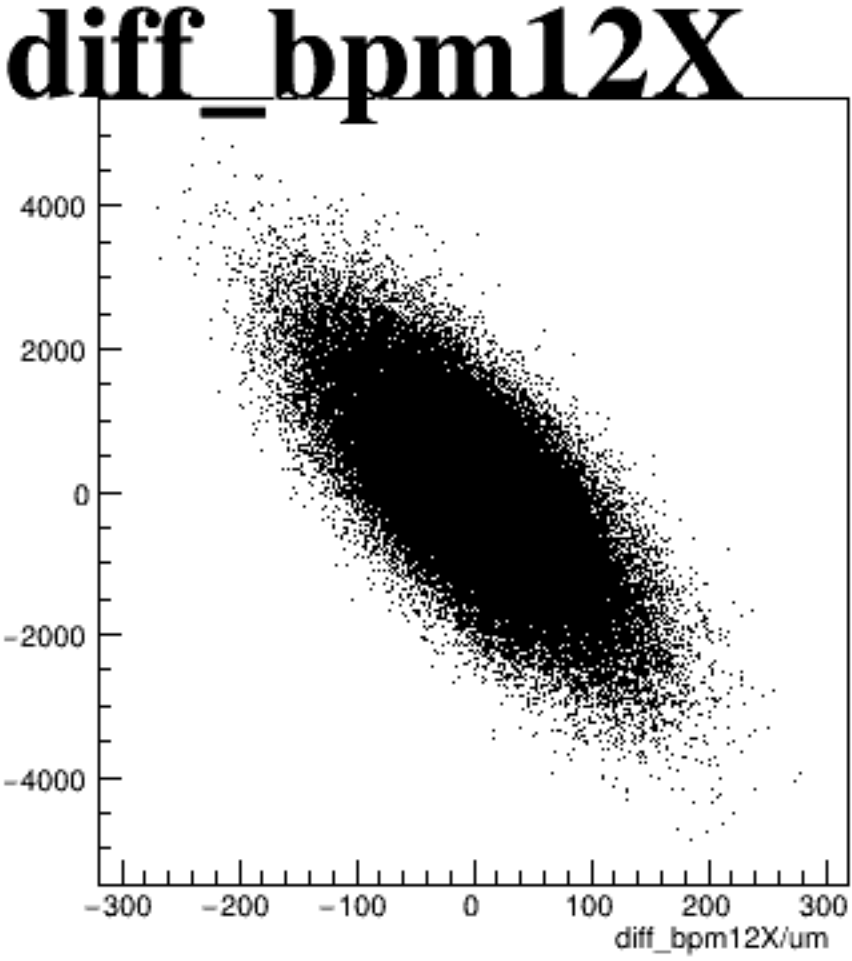
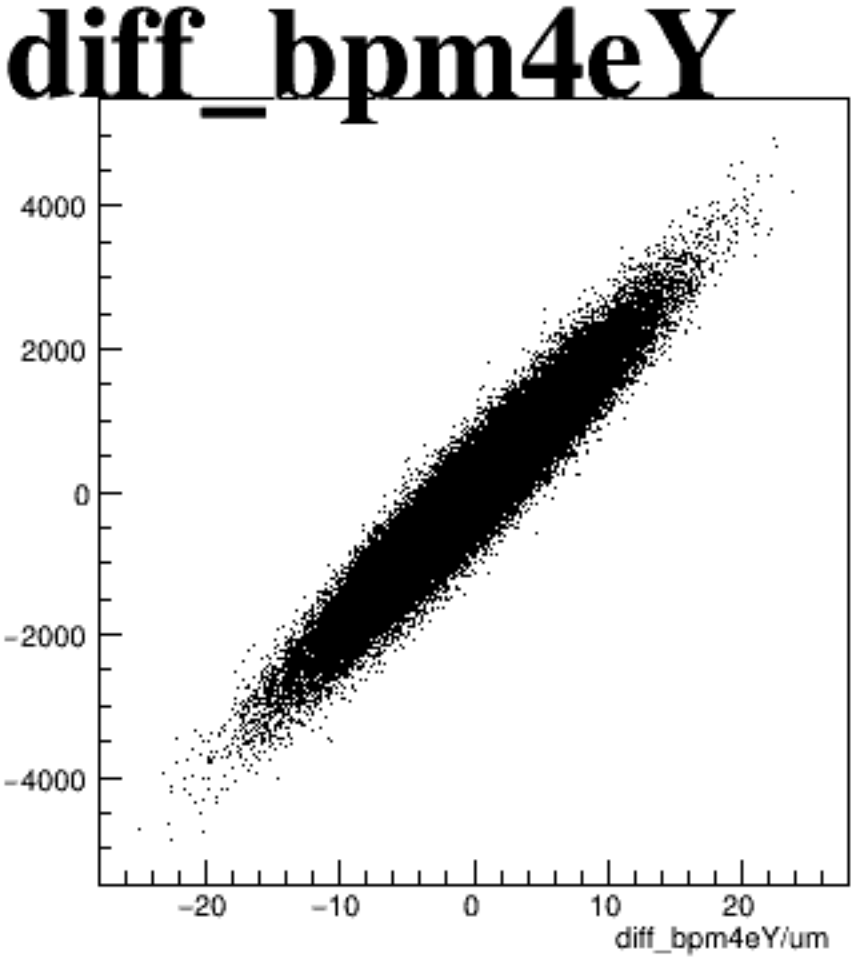
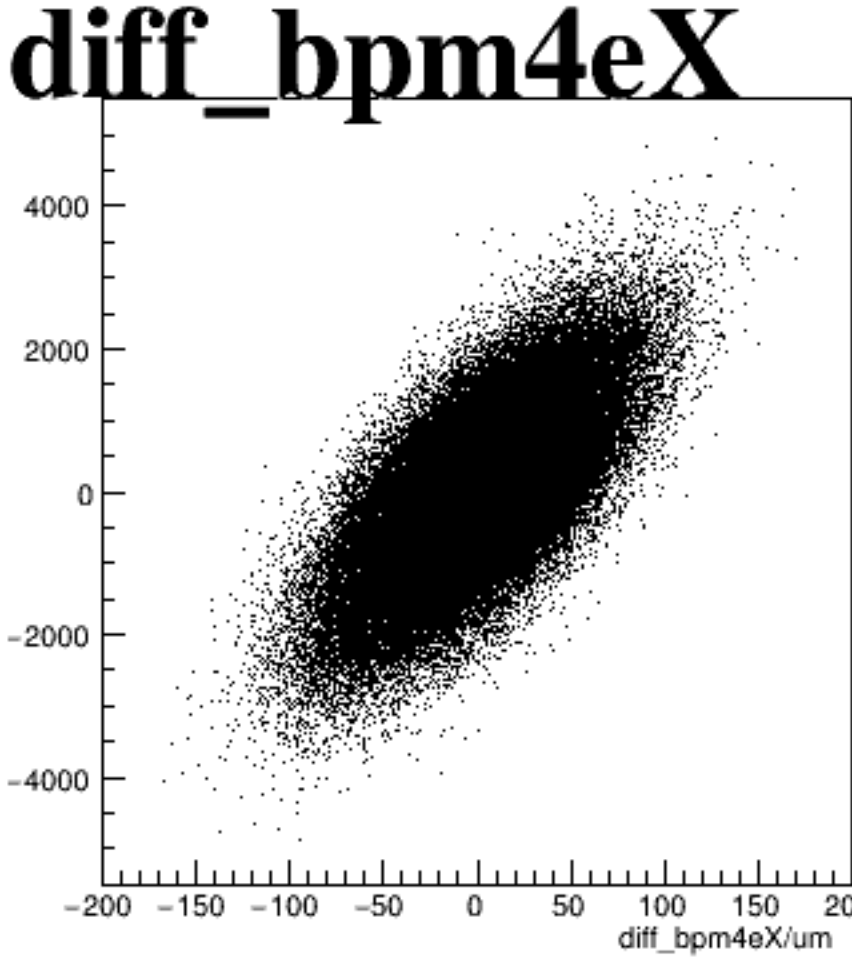
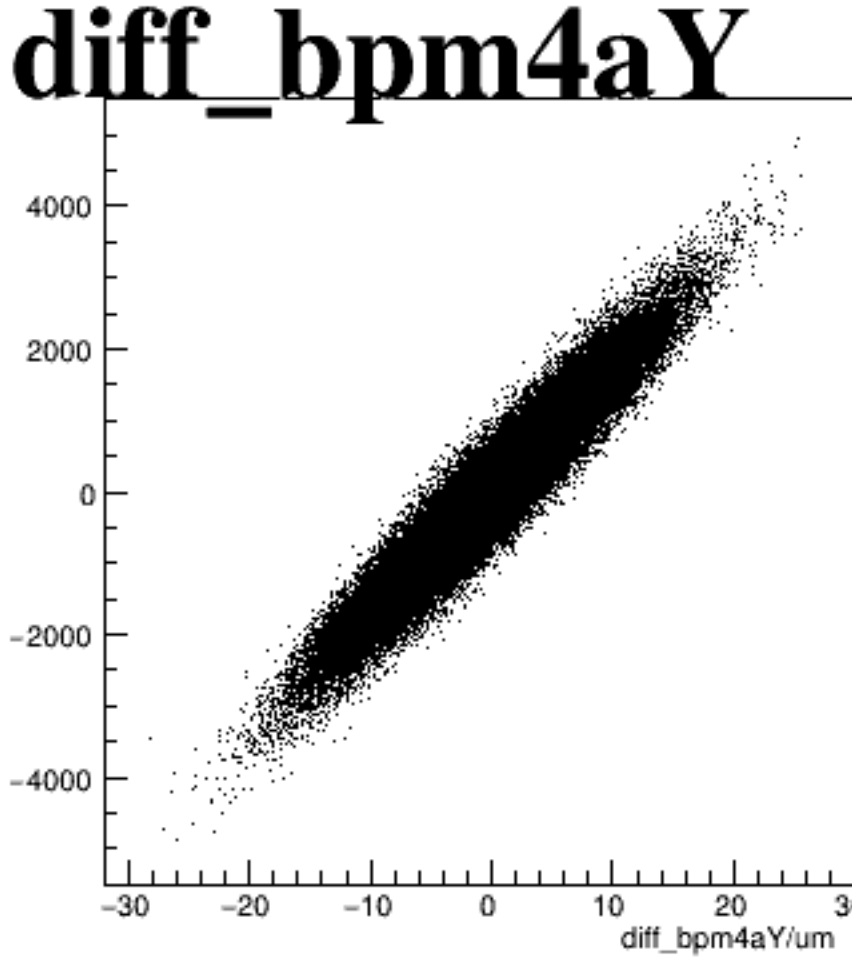
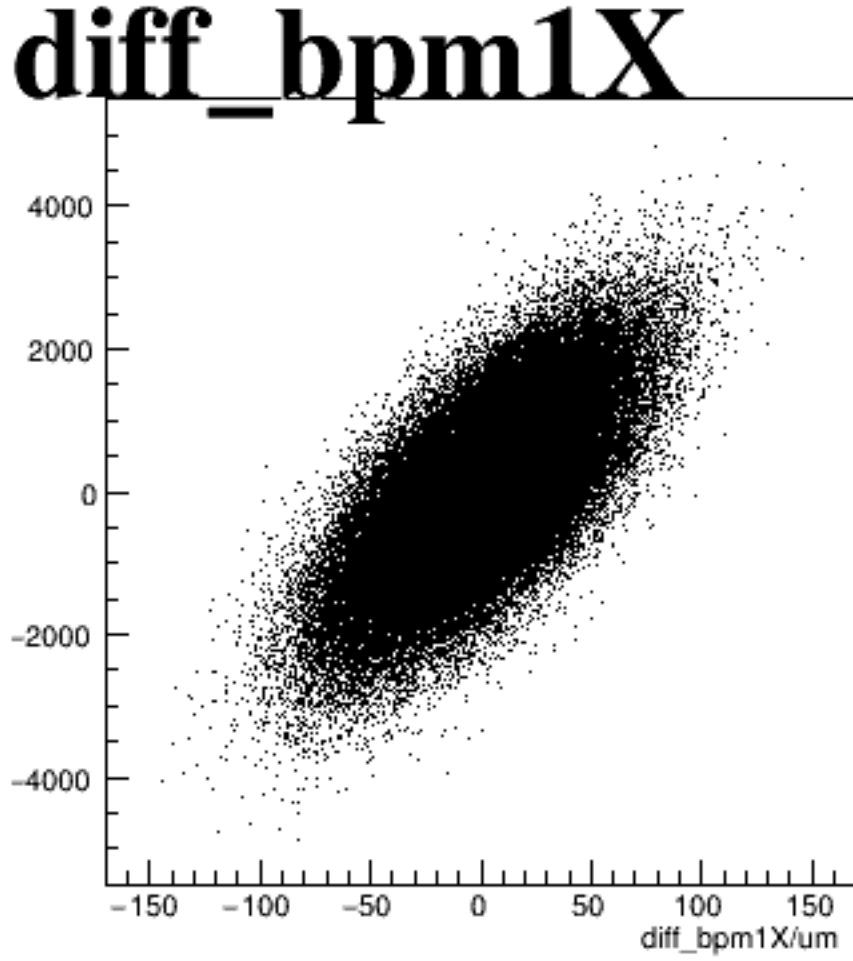
asym_sam1



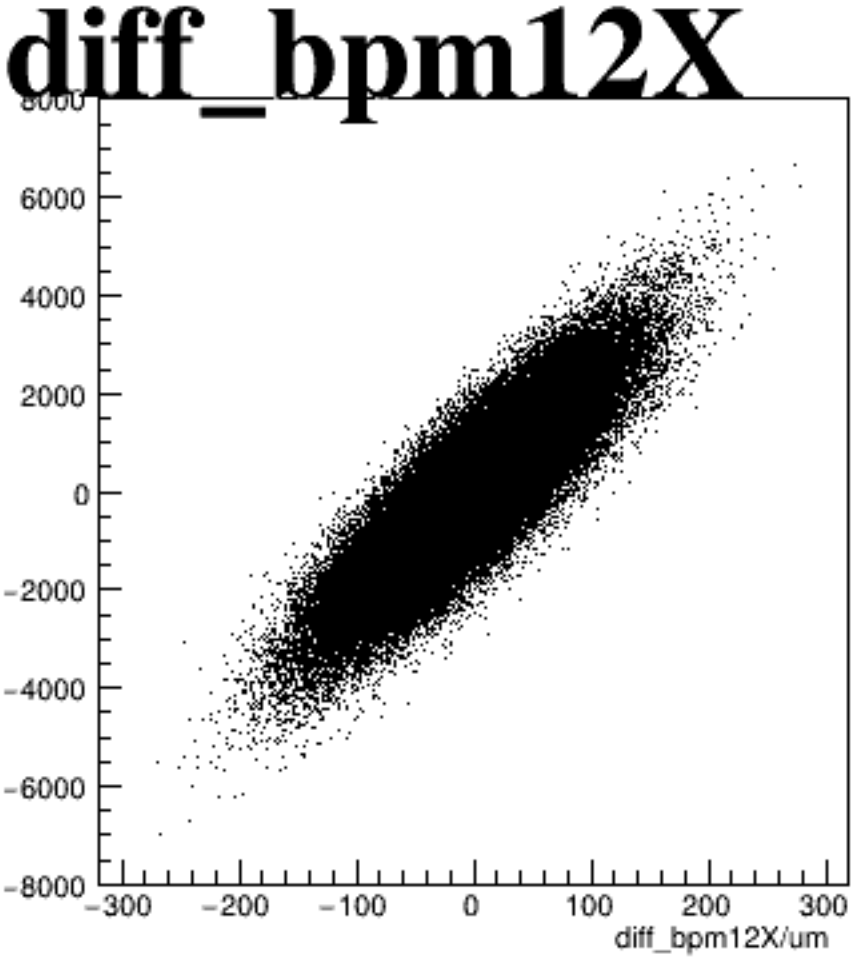
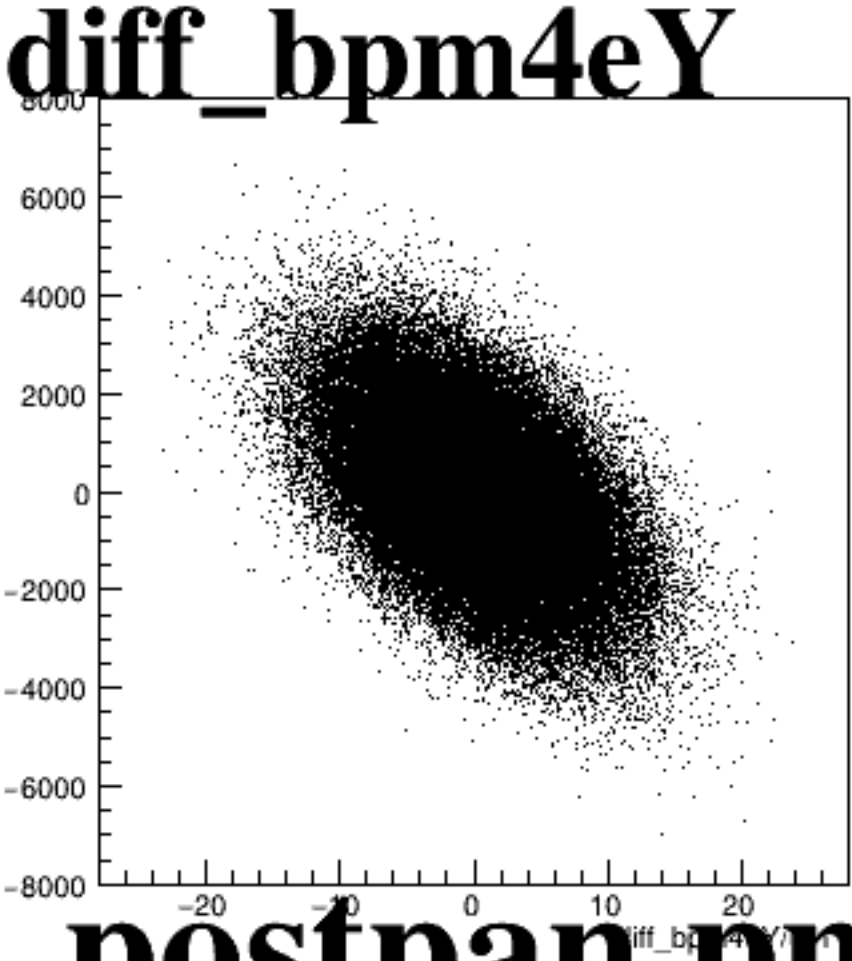
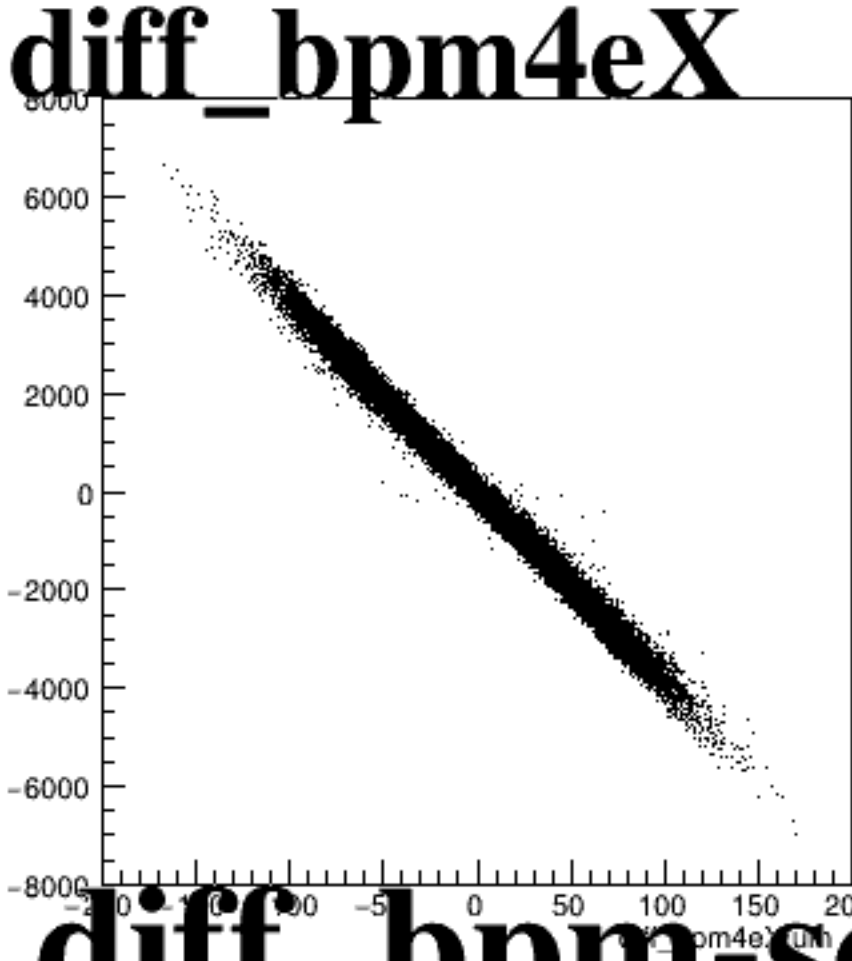
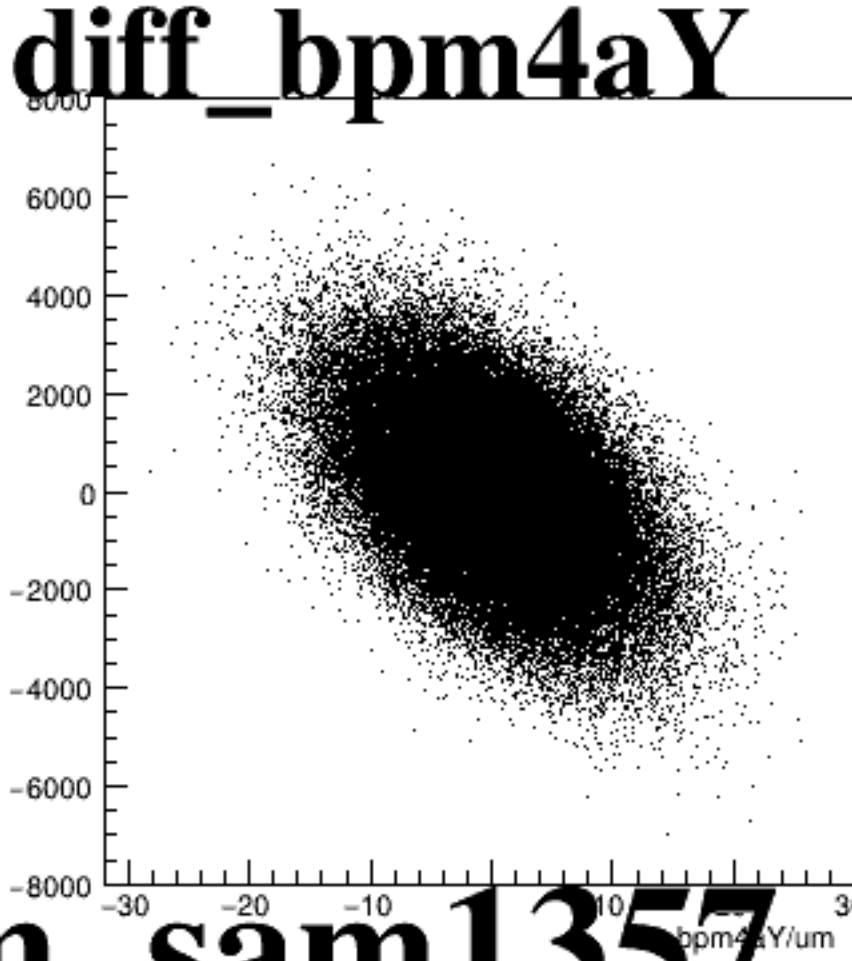
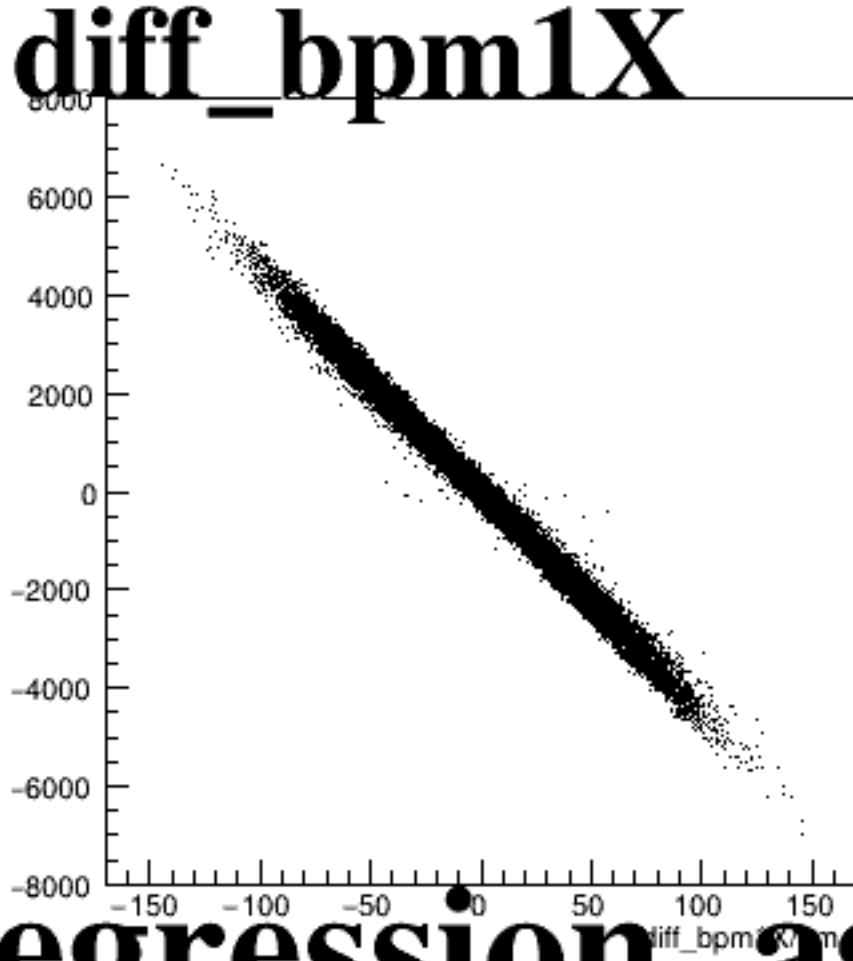
asym_sam3



asym_sam5



asym_sam7



The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam size and position. The plots are arranged horizontally and labeled as follows:

- diff_bpm1X**: The x-axis ranges from -150 to 150 μm , and the y-axis ranges from -400 to 400 μm .
- diff_bpm4aY**: The x-axis ranges from -30 to 30 μm , and the y-axis ranges from -400 to 400 μm .
- diff_bpm4eX**: The x-axis ranges from -200 to 200 μm , and the y-axis ranges from -400 to 400 μm .
- diff_bpm4eY**: The x-axis ranges from -20 to 20 μm , and the y-axis ranges from -400 to 400 μm .
- diff_bpm12X**: The x-axis ranges from -300 to 300 μm , and the y-axis ranges from -400 to 400 μm .

Each plot shows a dense cloud of points centered around the origin, indicating good agreement between measurements. The axes are labeled with the difference in beam position measurements in μm .

The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam size and position. The plots are arranged horizontally and labeled as follows:

- diff_bpm1X**: Shows the difference in beam position measurements for a beam size of 1X. The x-axis ranges from -150 to 150, and the y-axis ranges from -4000 to 6000.
- diff_bpm4aY**: Shows the difference in beam position measurements for a beam size of 4aY. The x-axis ranges from -30 to 30, and the y-axis ranges from -4000 to 6000.
- diff_bpm4eX**: Shows the difference in beam position measurements for a beam size of 4eX. The x-axis ranges from -200 to 200, and the y-axis ranges from -4000 to 6000.
- diff_bpm4eY**: Shows the difference in beam position measurements for a beam size of 4eY. The x-axis ranges from -20 to 20, and the y-axis ranges from -4000 to 6000.
- diff_bpm12X**: Shows the difference in beam position measurements for a beam size of 12X. The x-axis ranges from -300 to 300, and the y-axis ranges from -4000 to 6000.

Each plot shows a dense cloud of points centered around the origin, indicating the distribution of differences between measurements. The x-axis for each plot is labeled with the beam size and the y-axis is labeled with the difference in beam position measurements (diff_bpm).