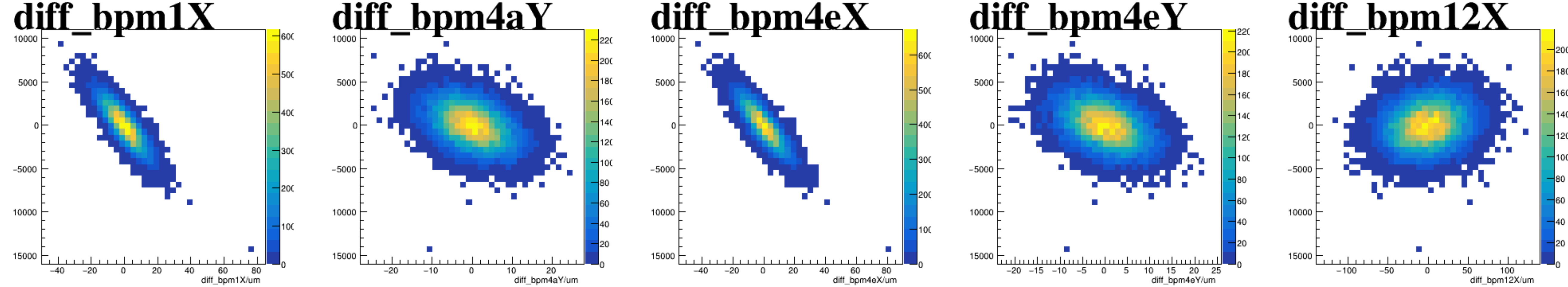
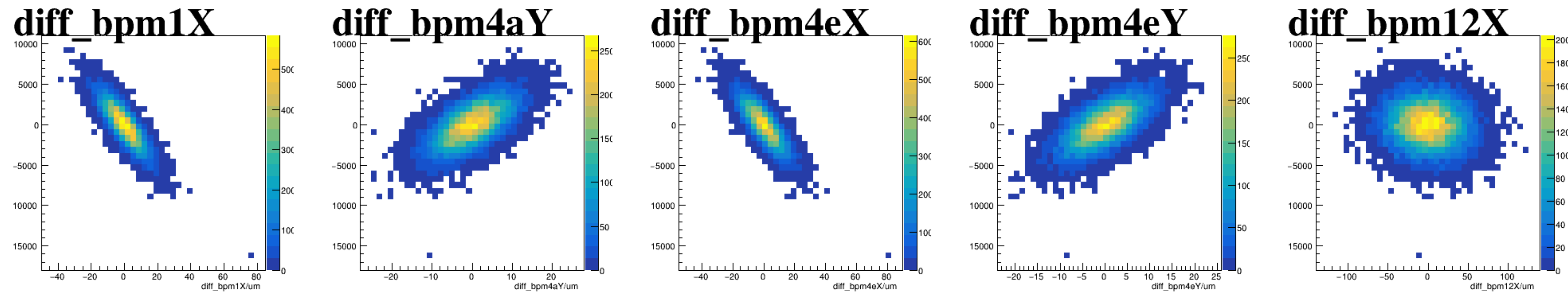


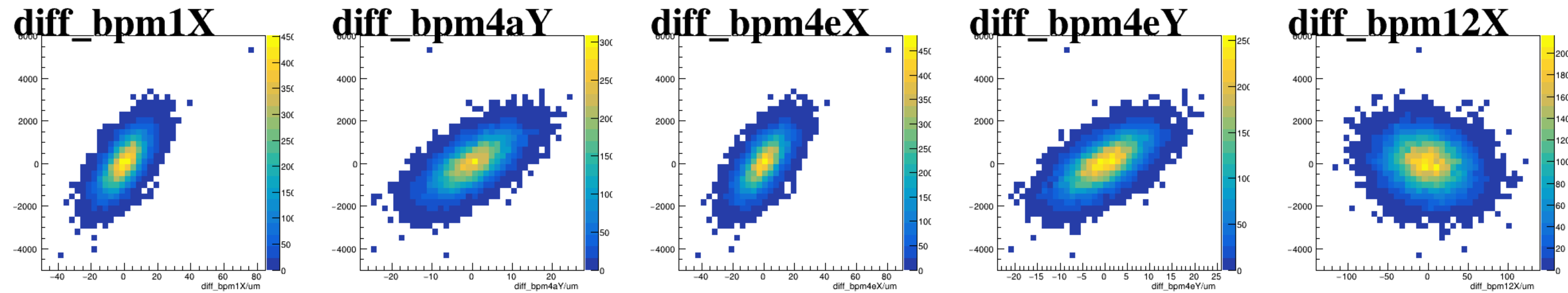
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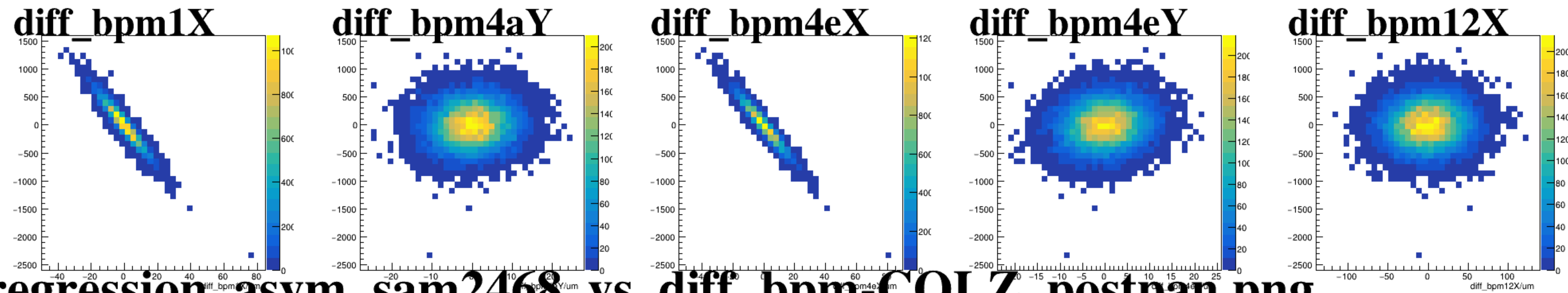
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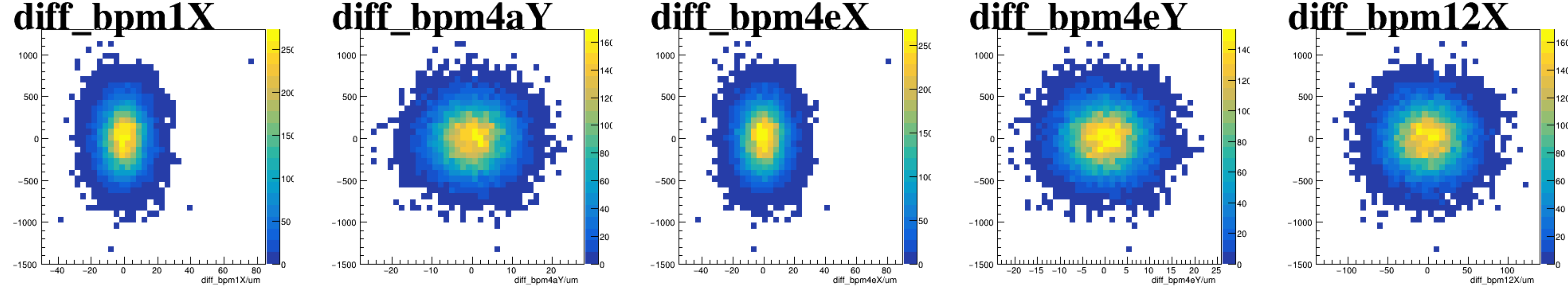
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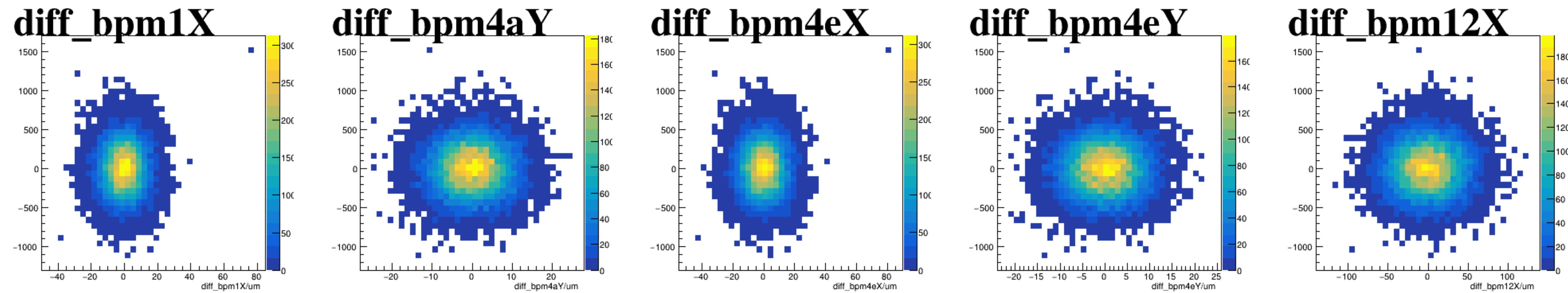
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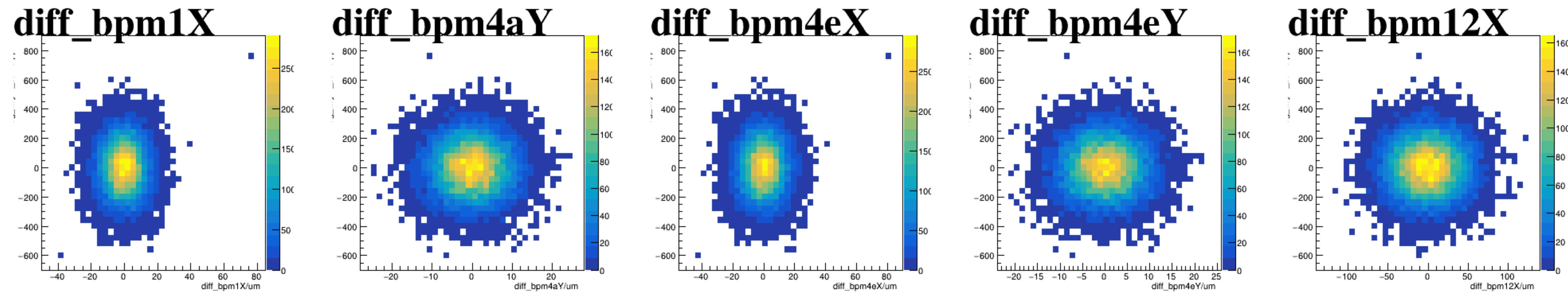
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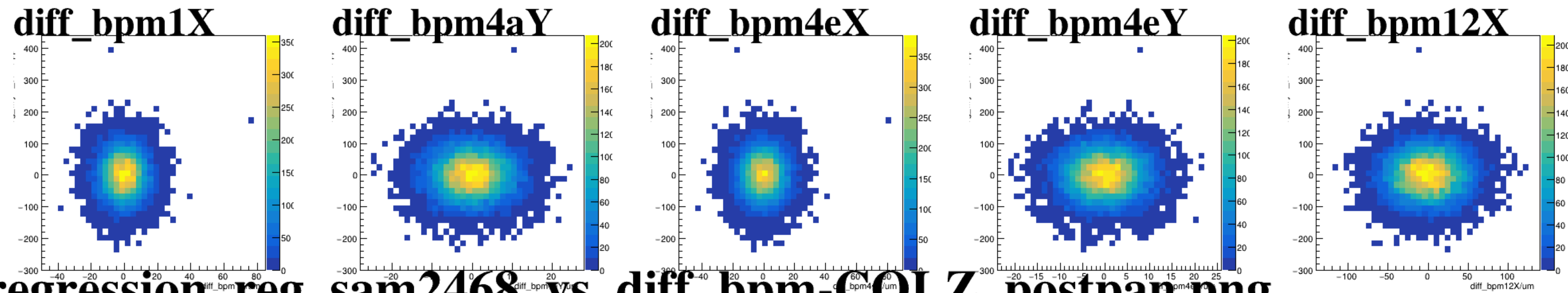
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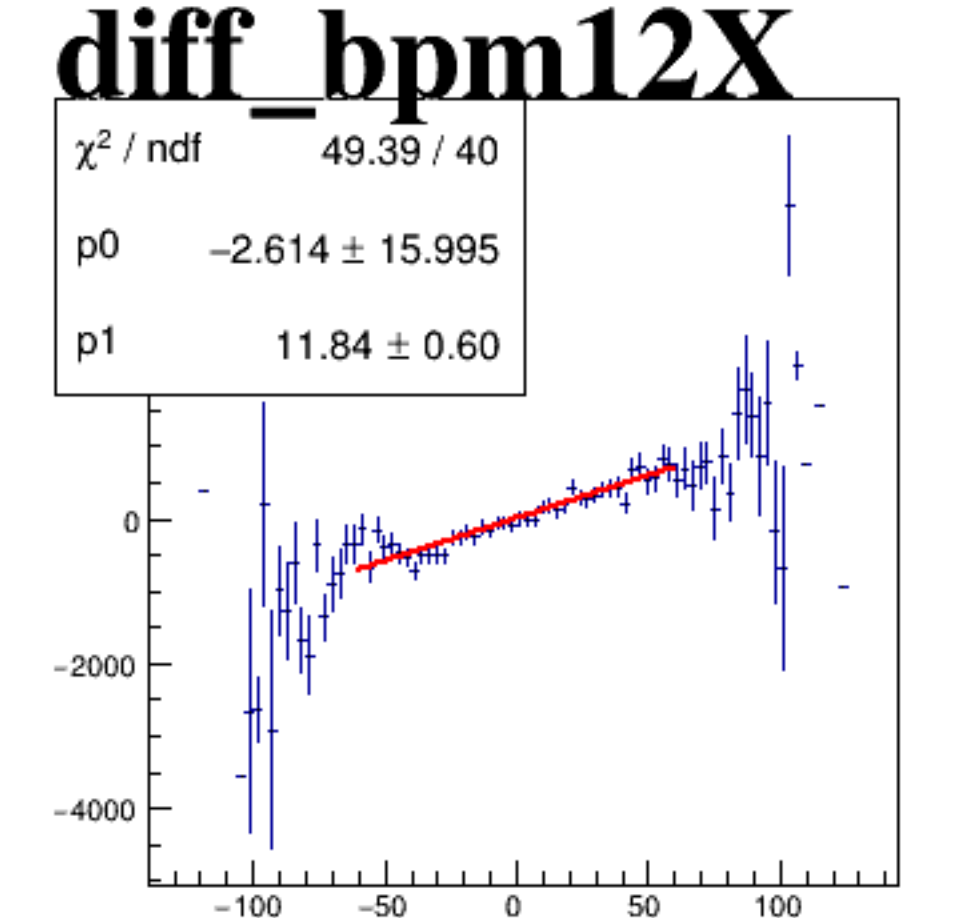
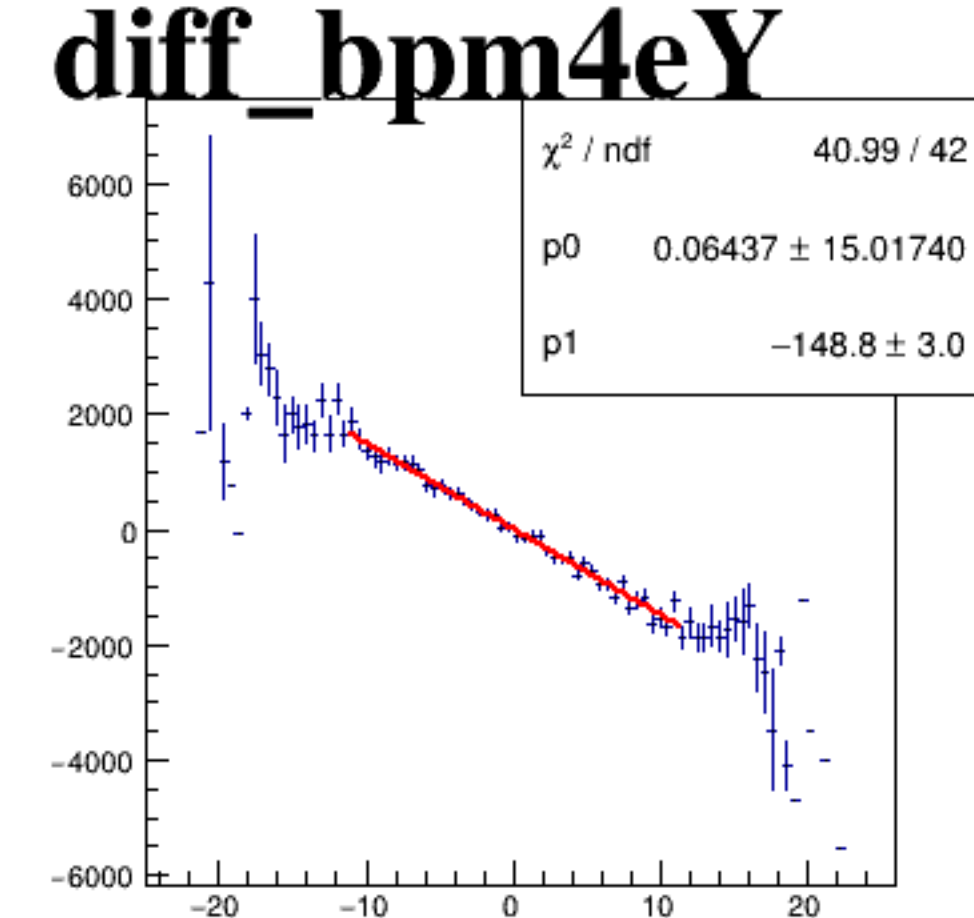
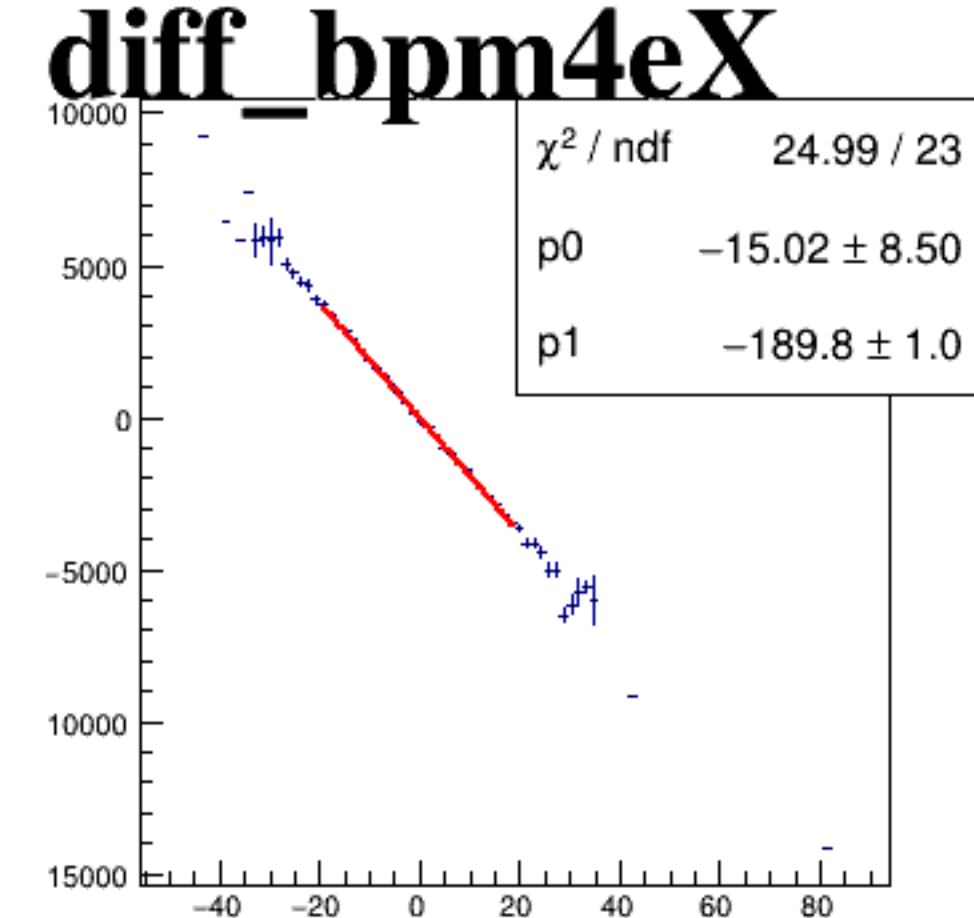
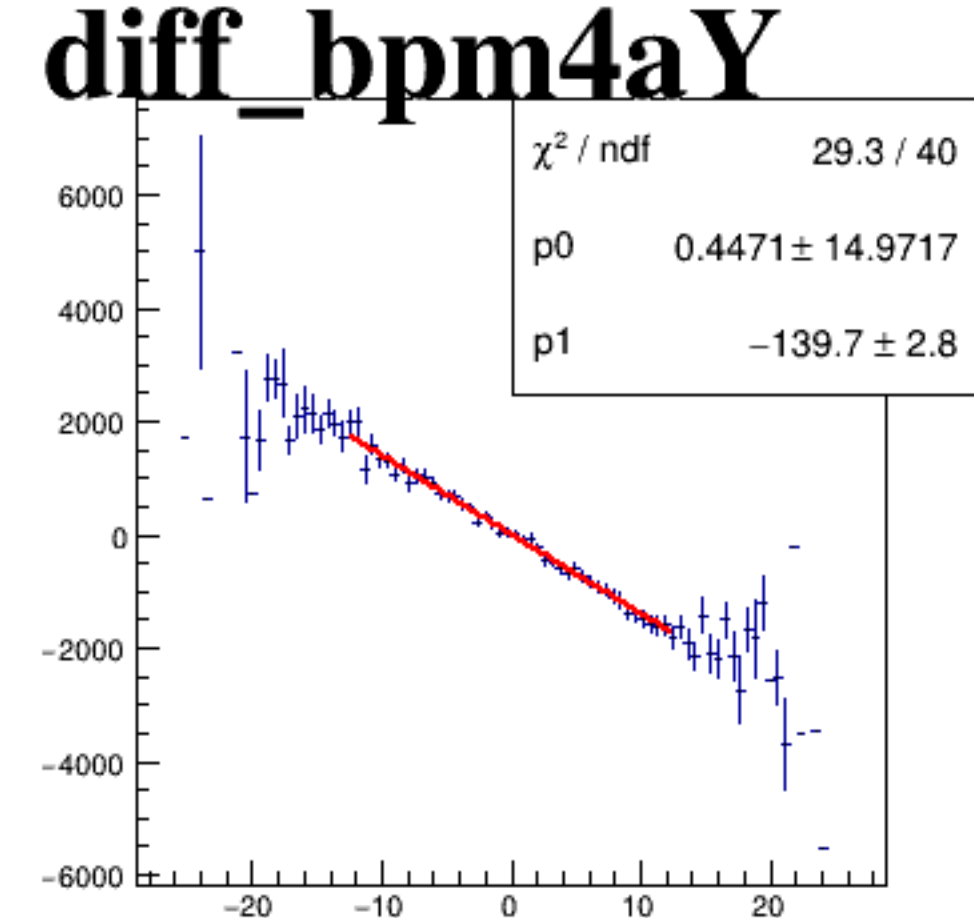
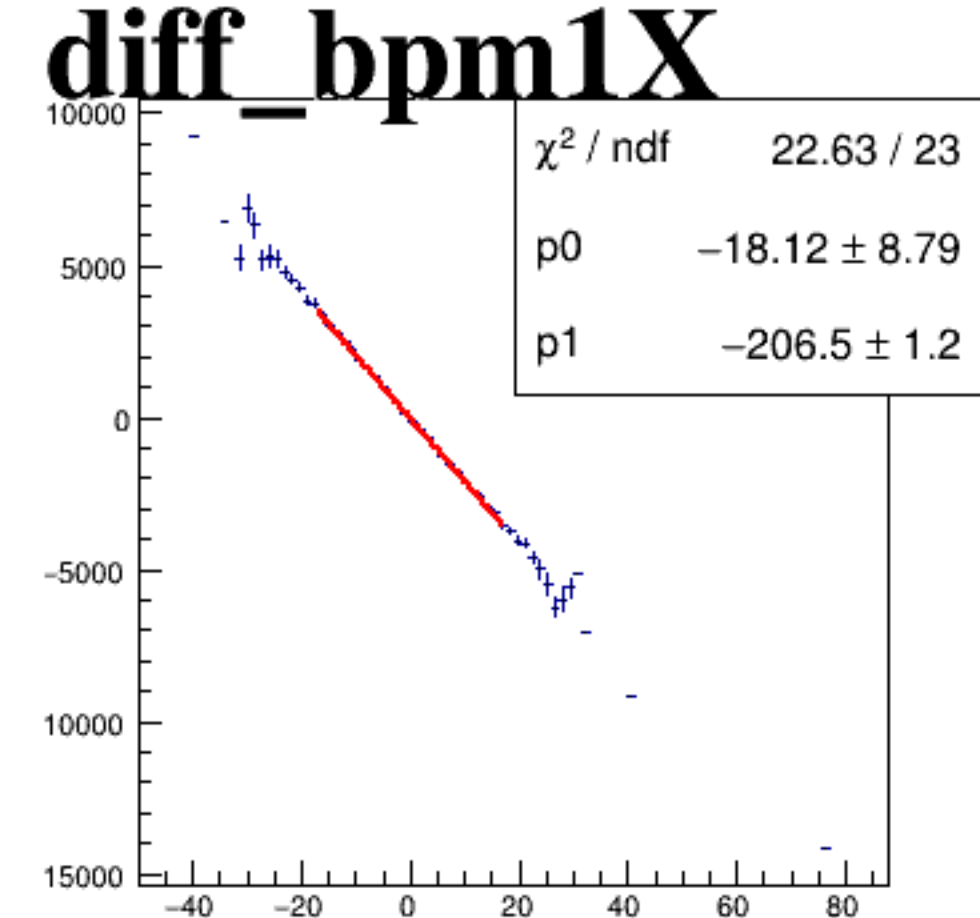
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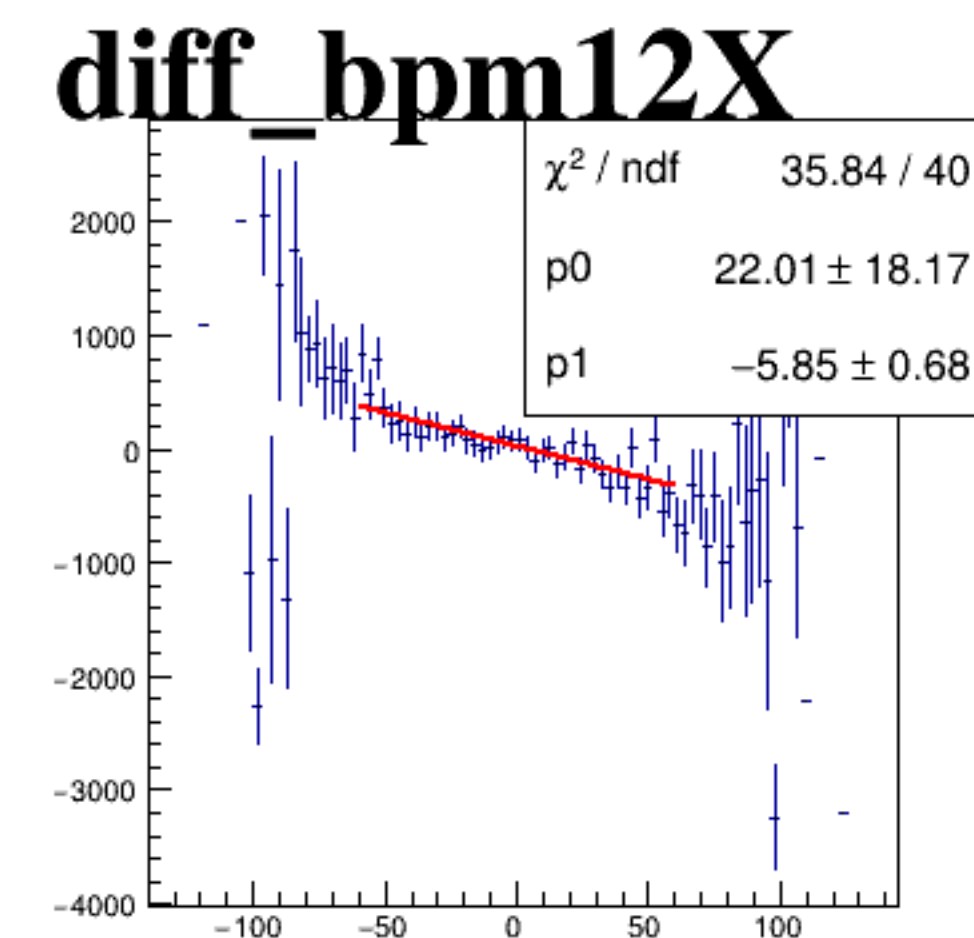
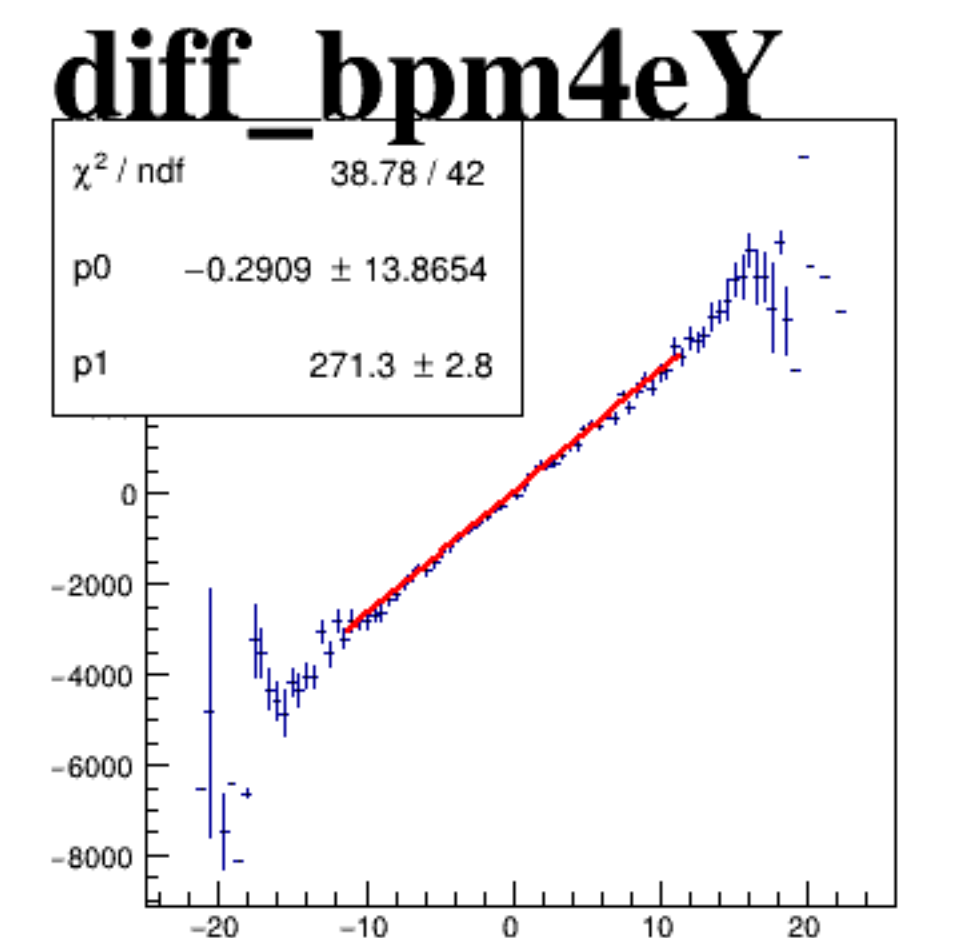
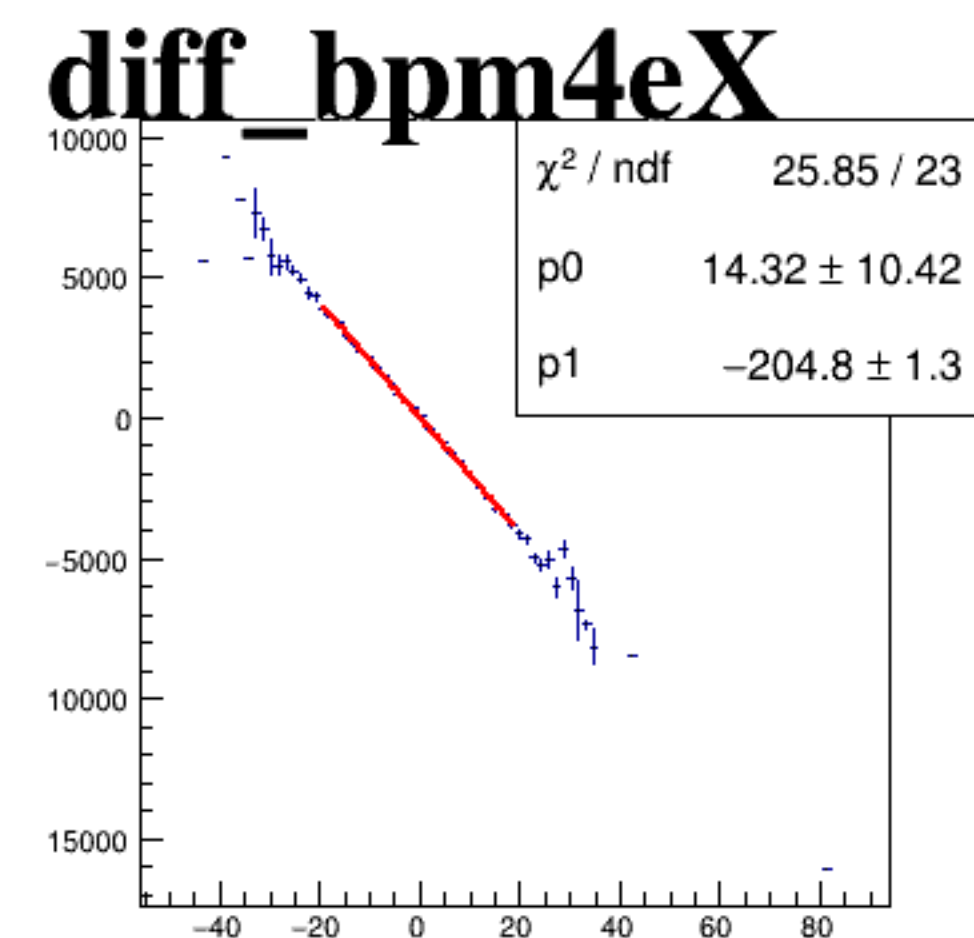
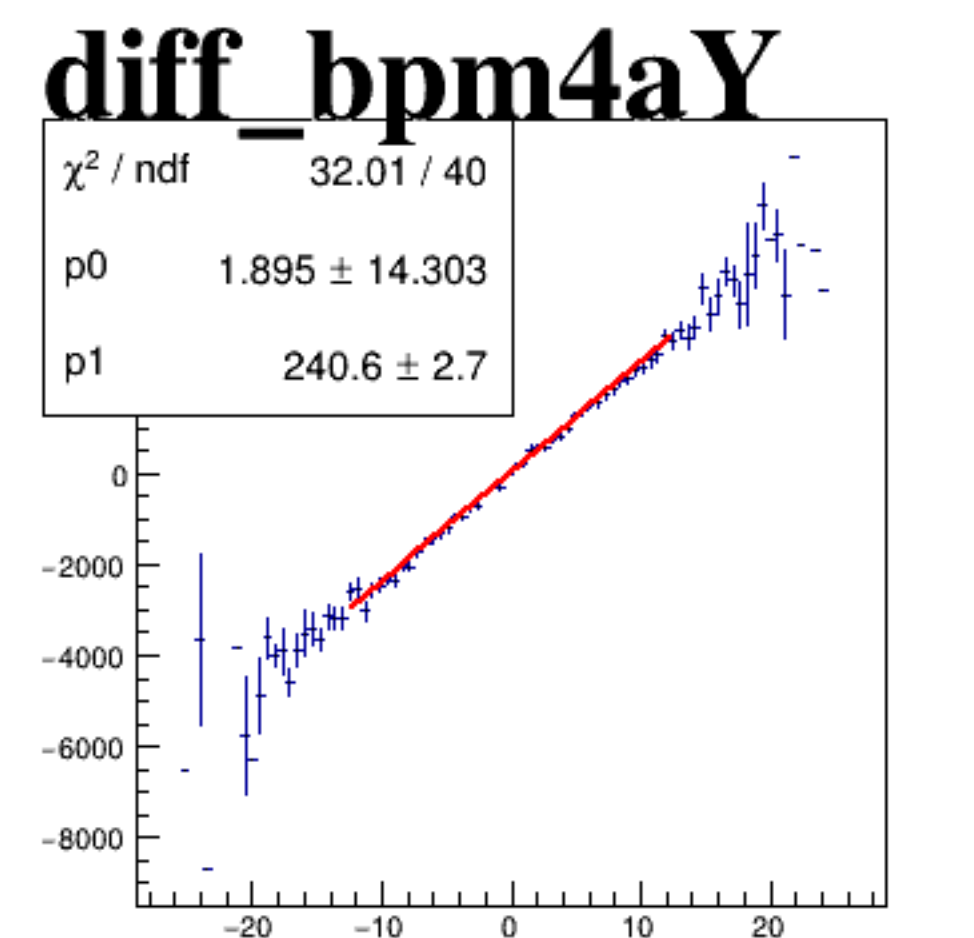
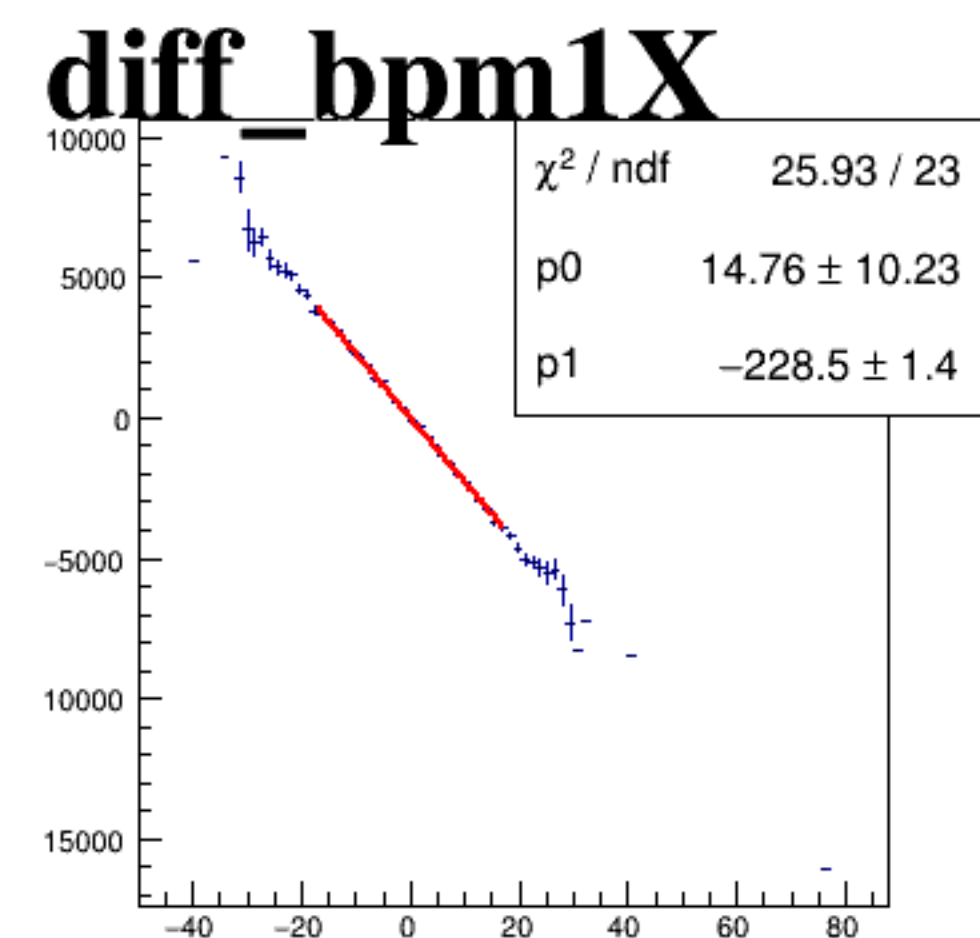
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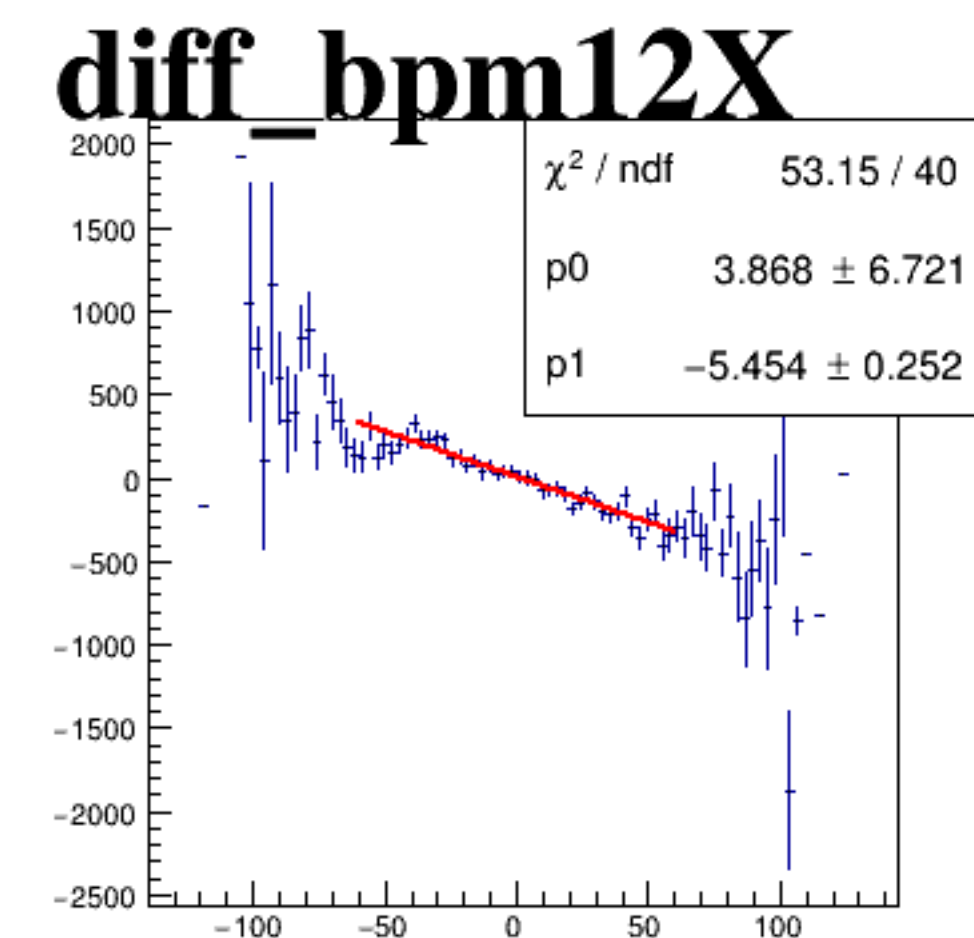
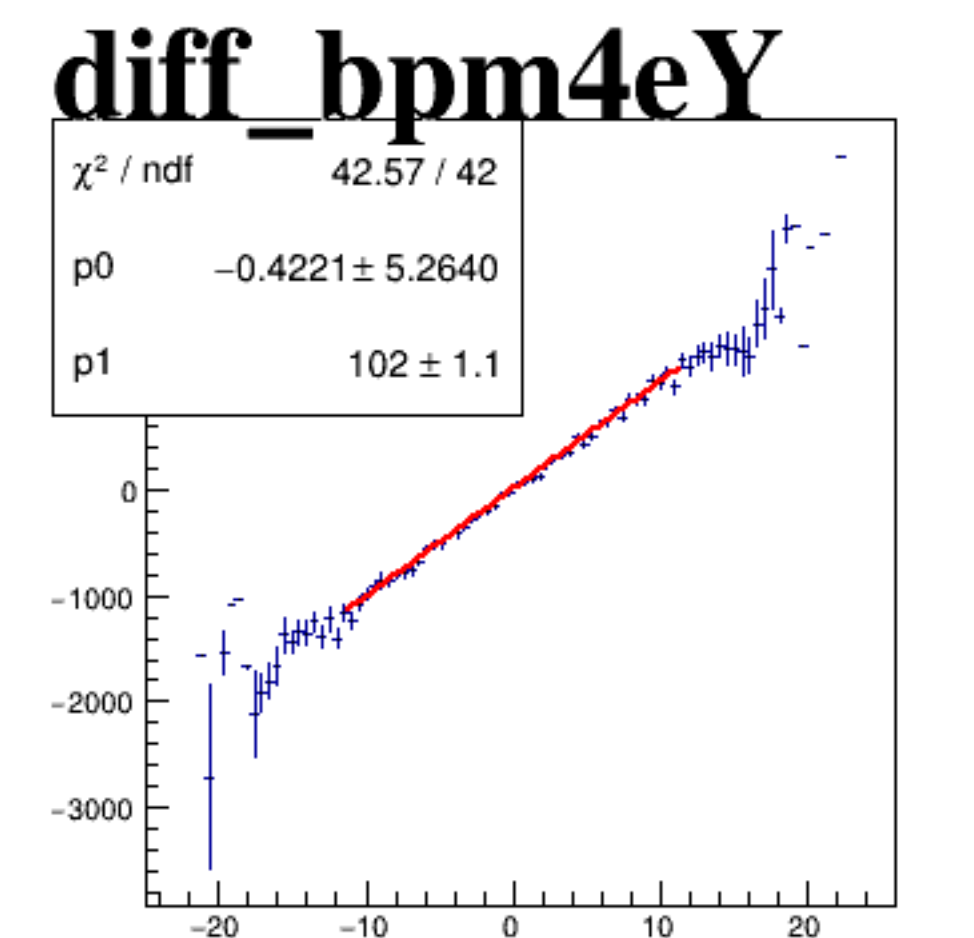
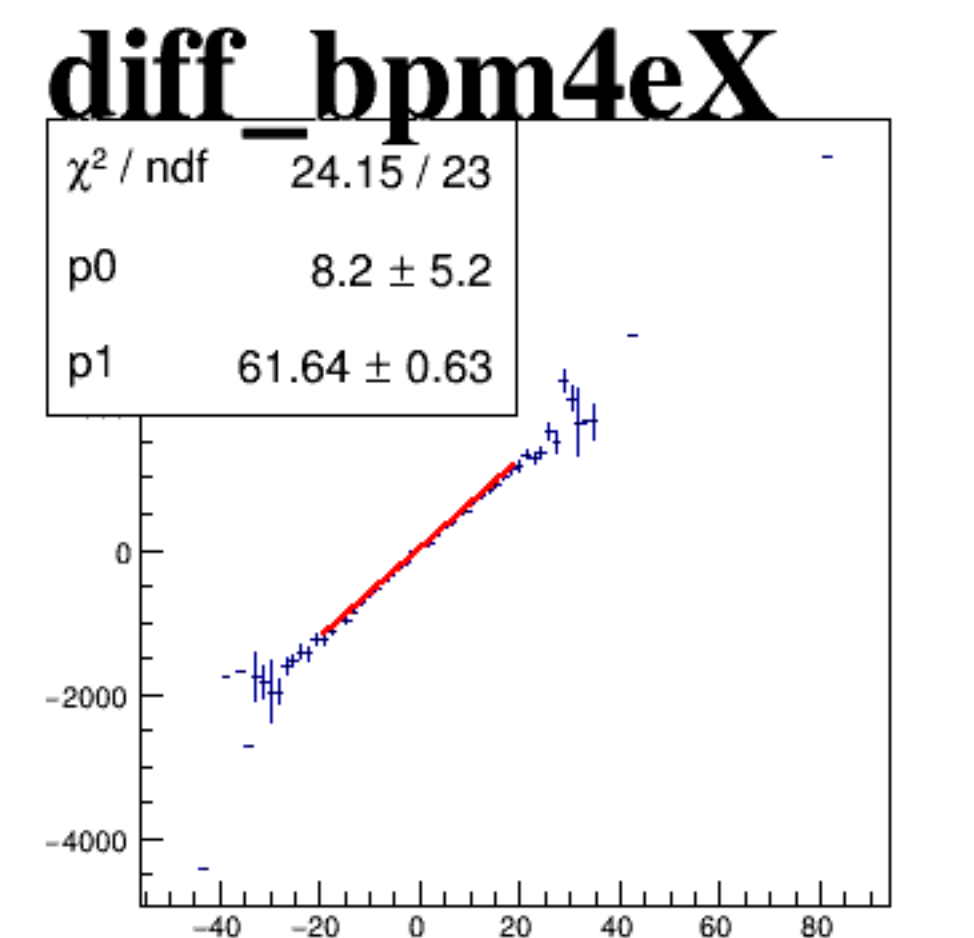
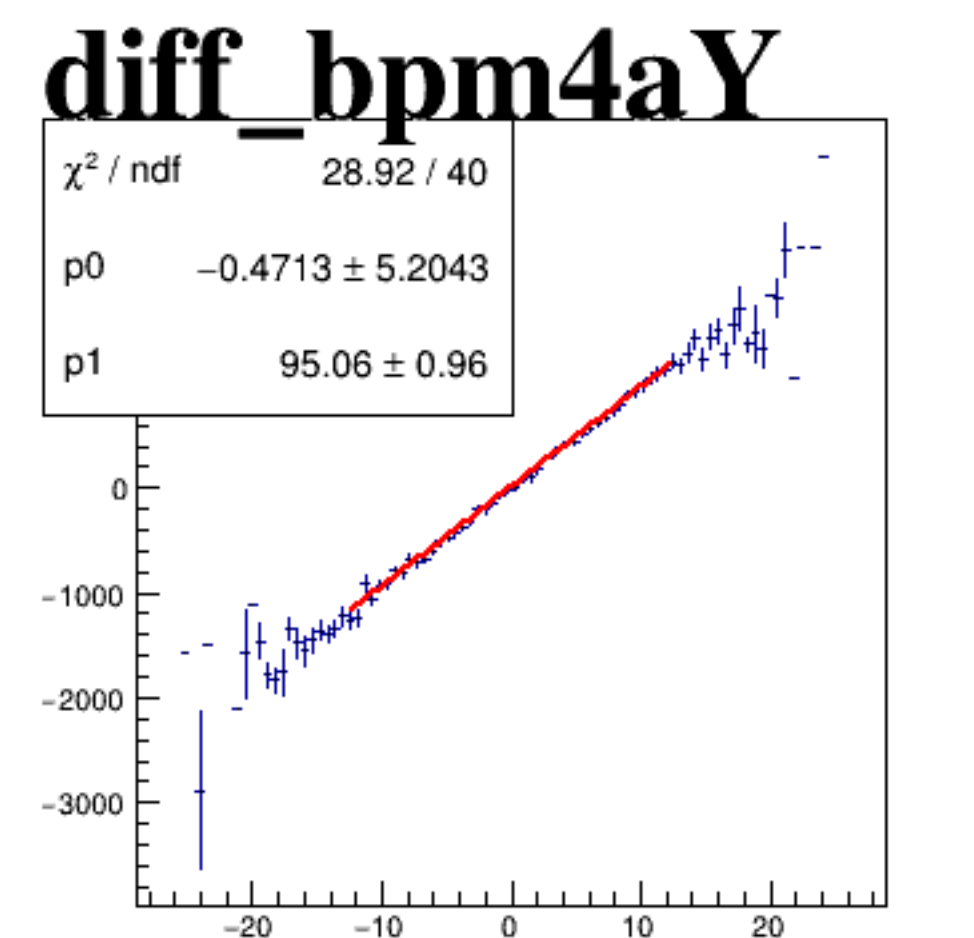
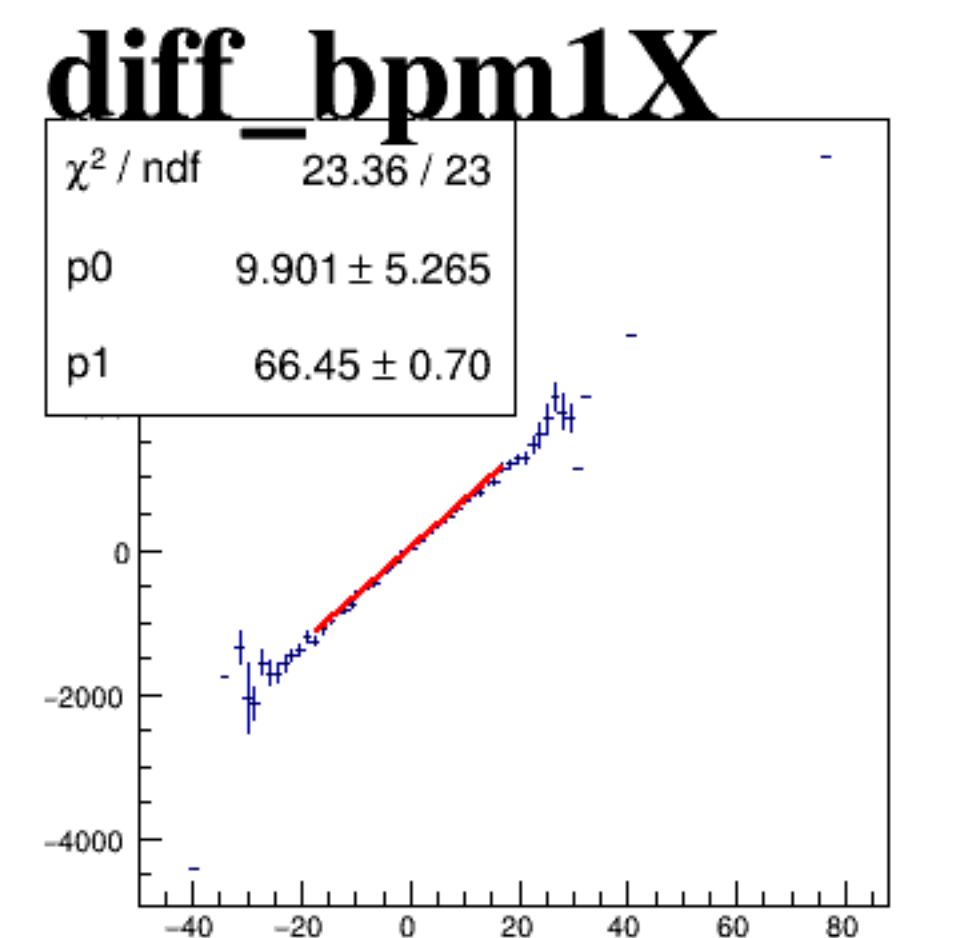
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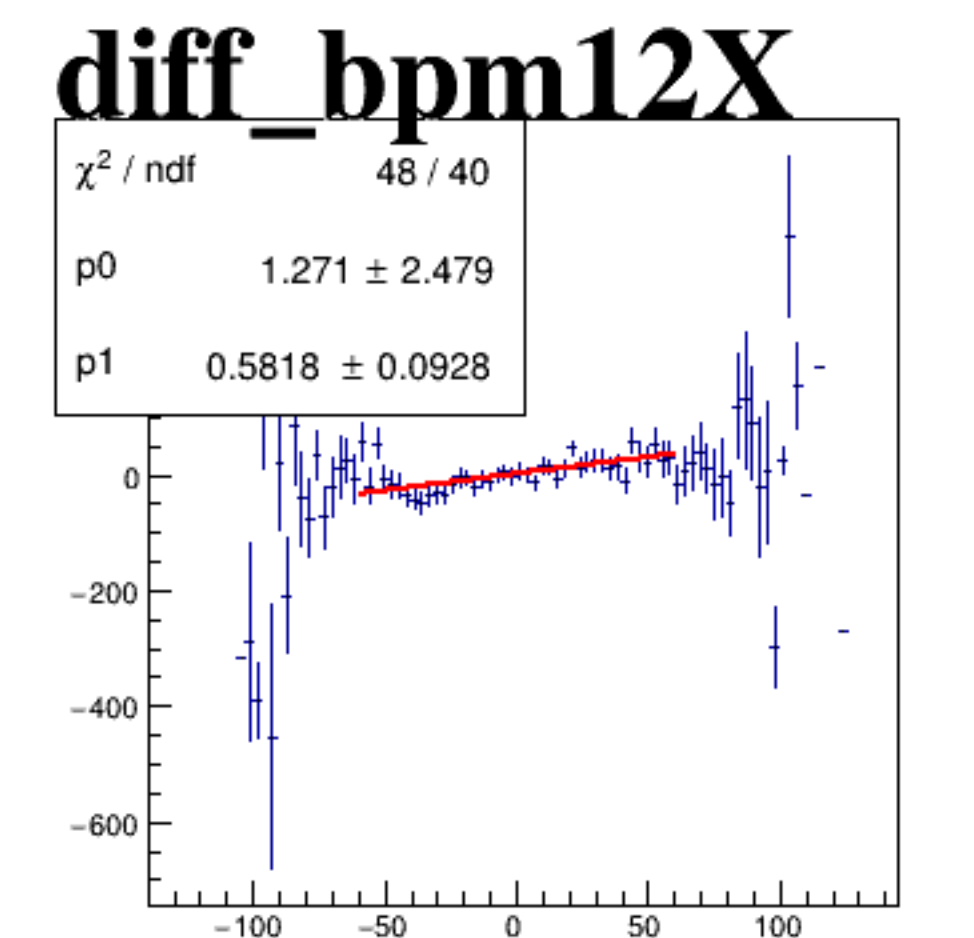
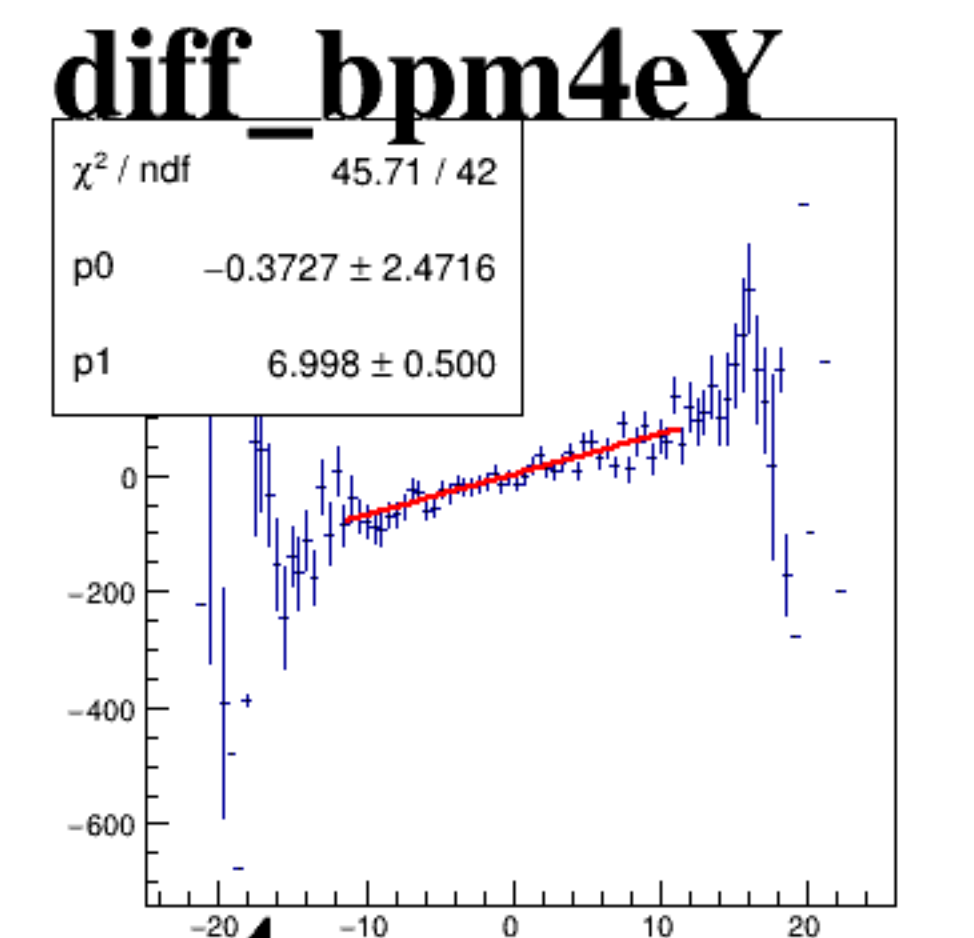
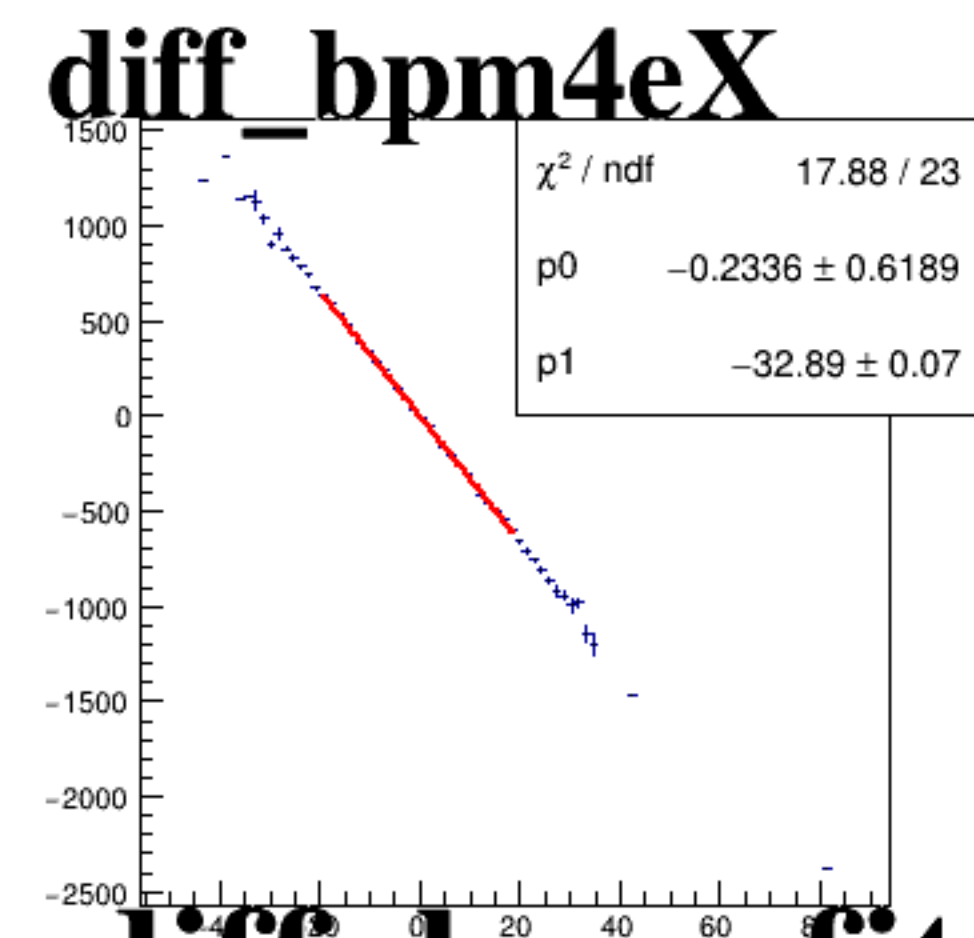
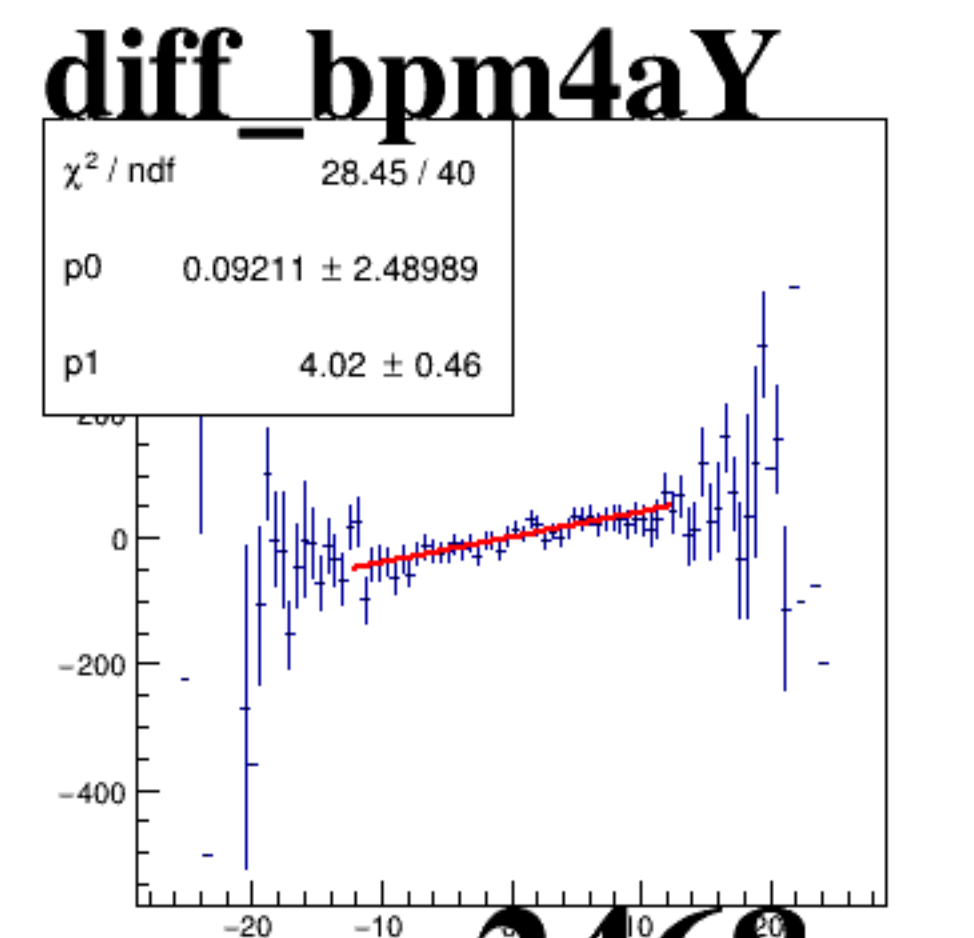
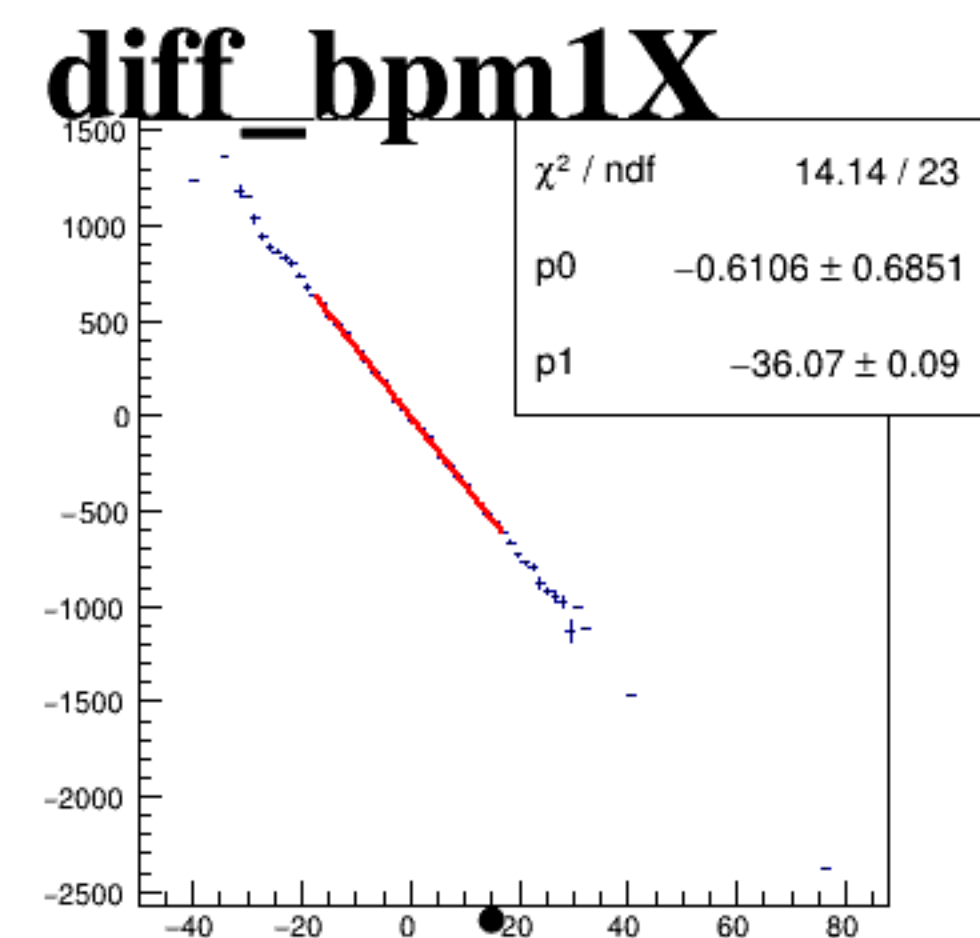
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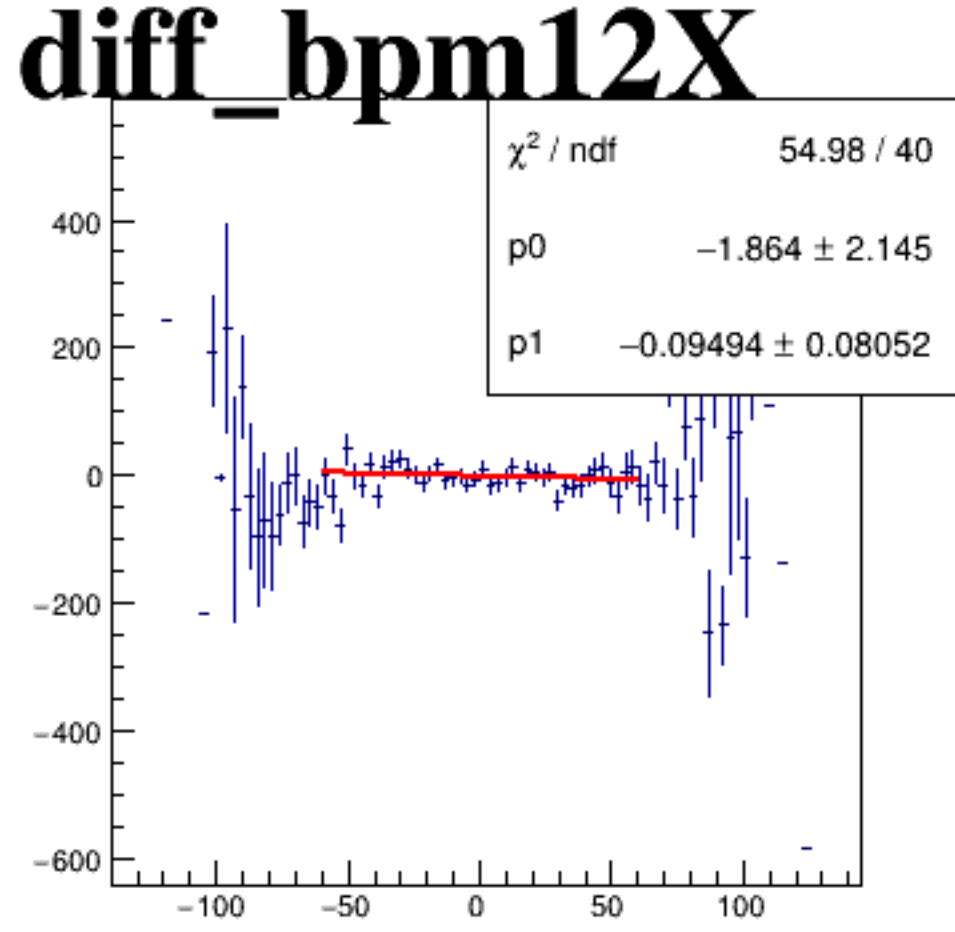
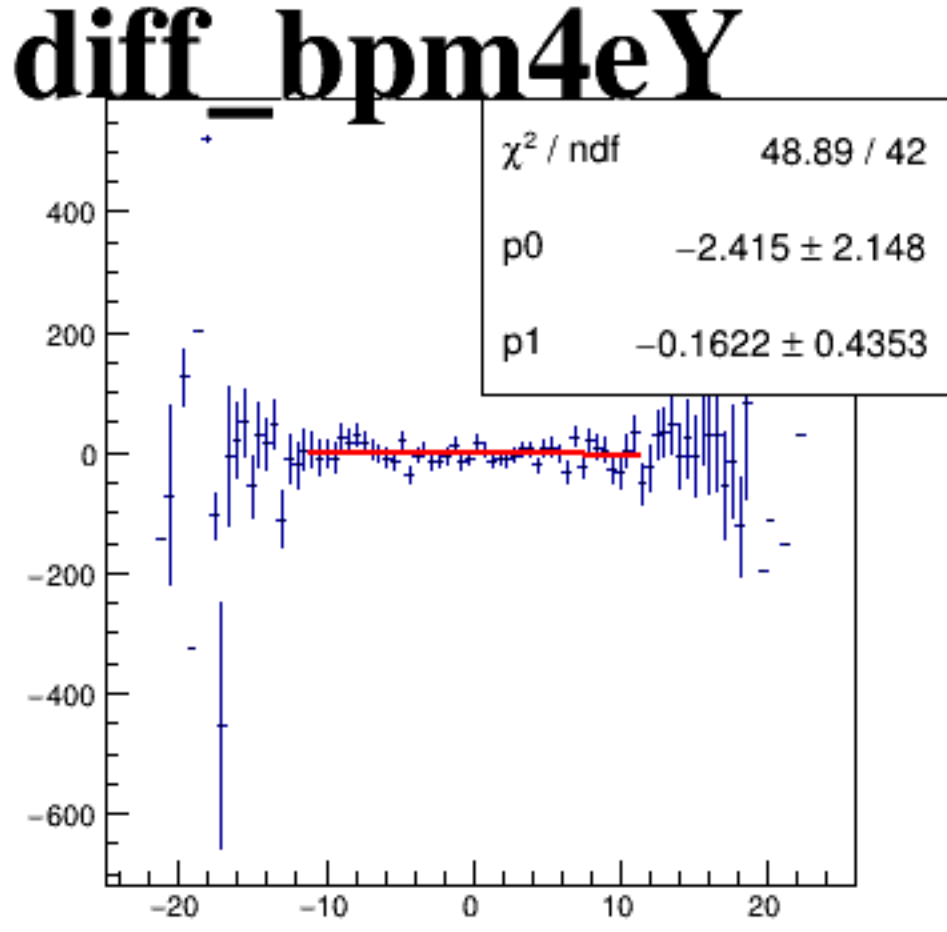
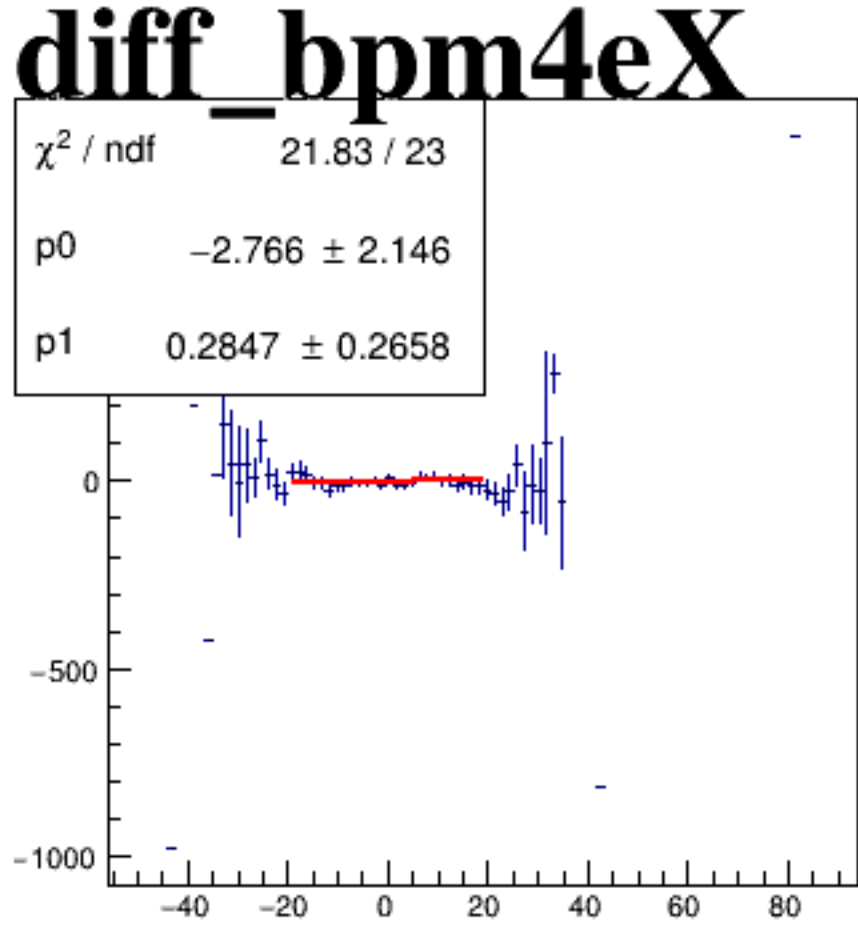
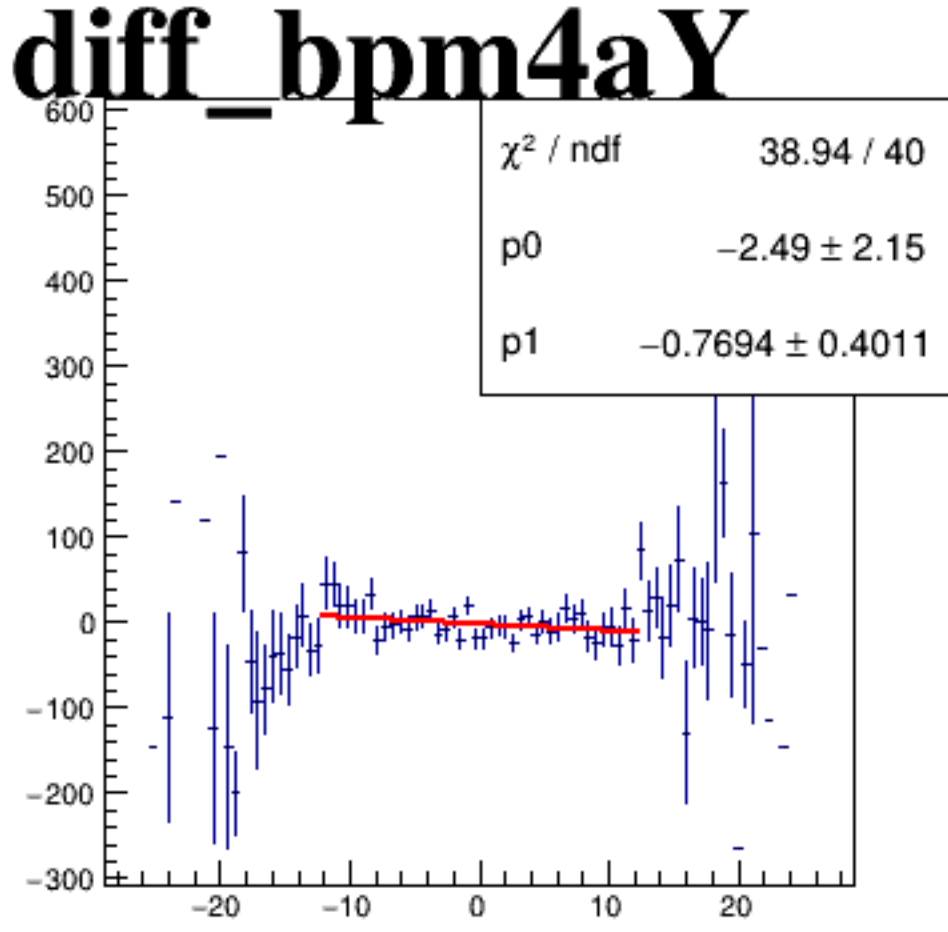
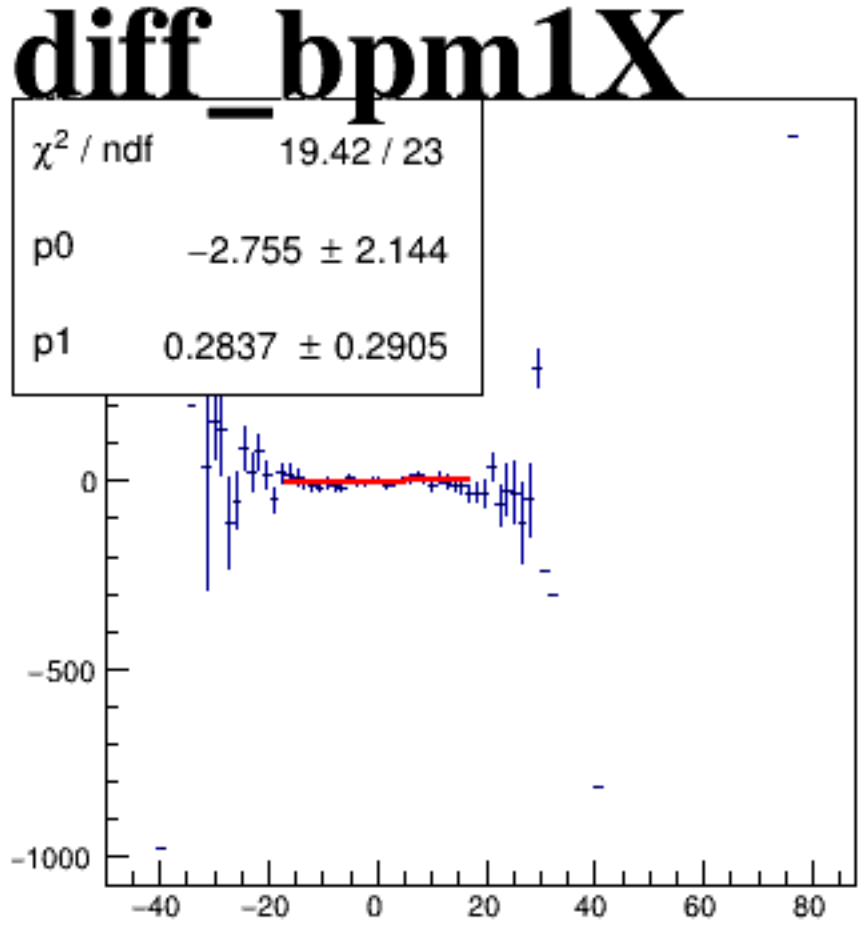
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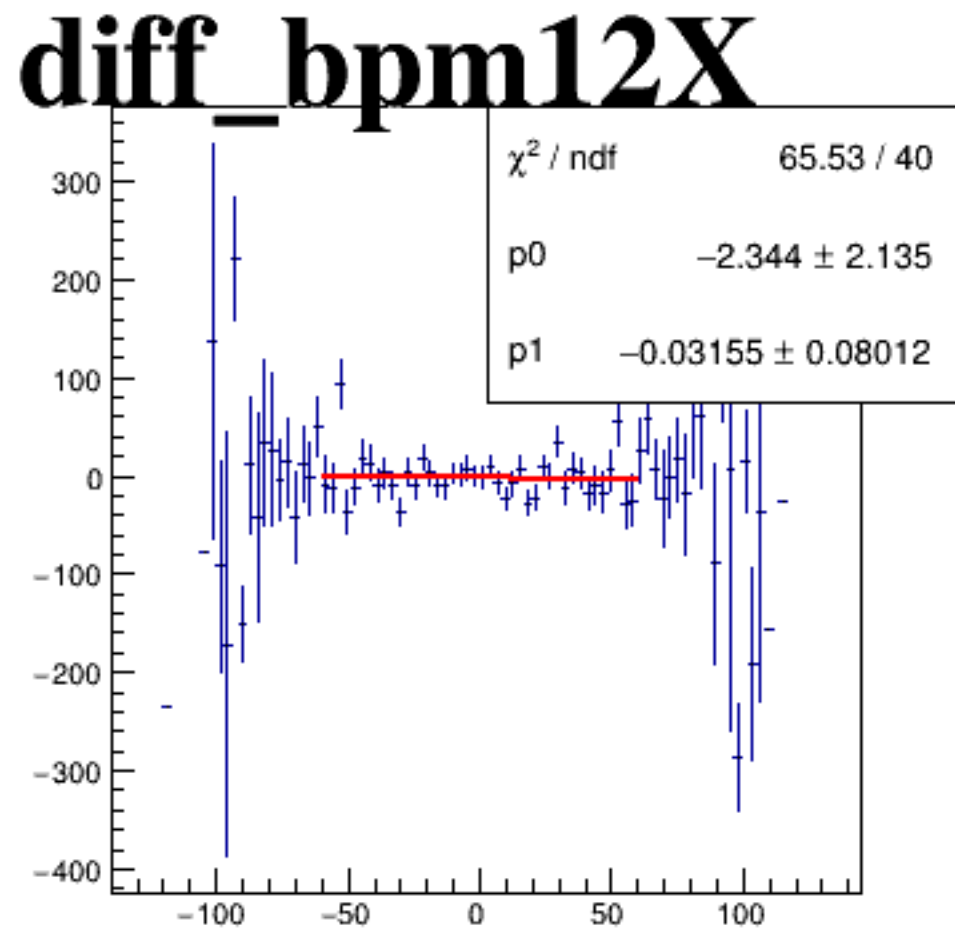
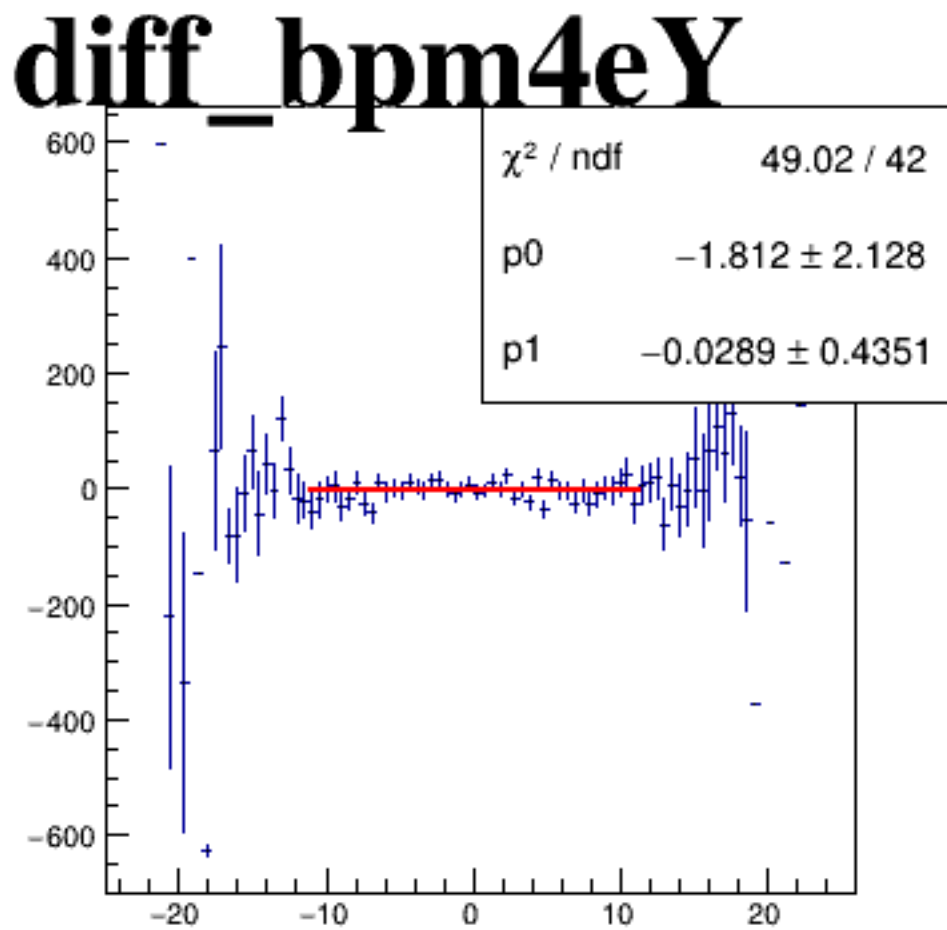
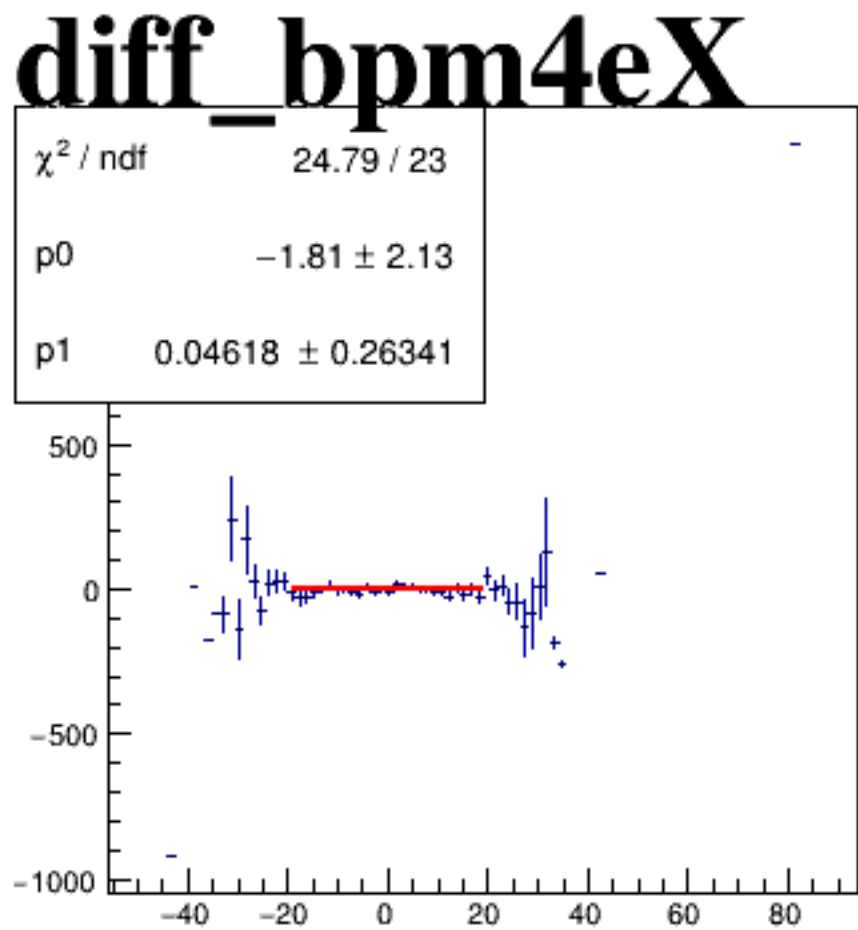
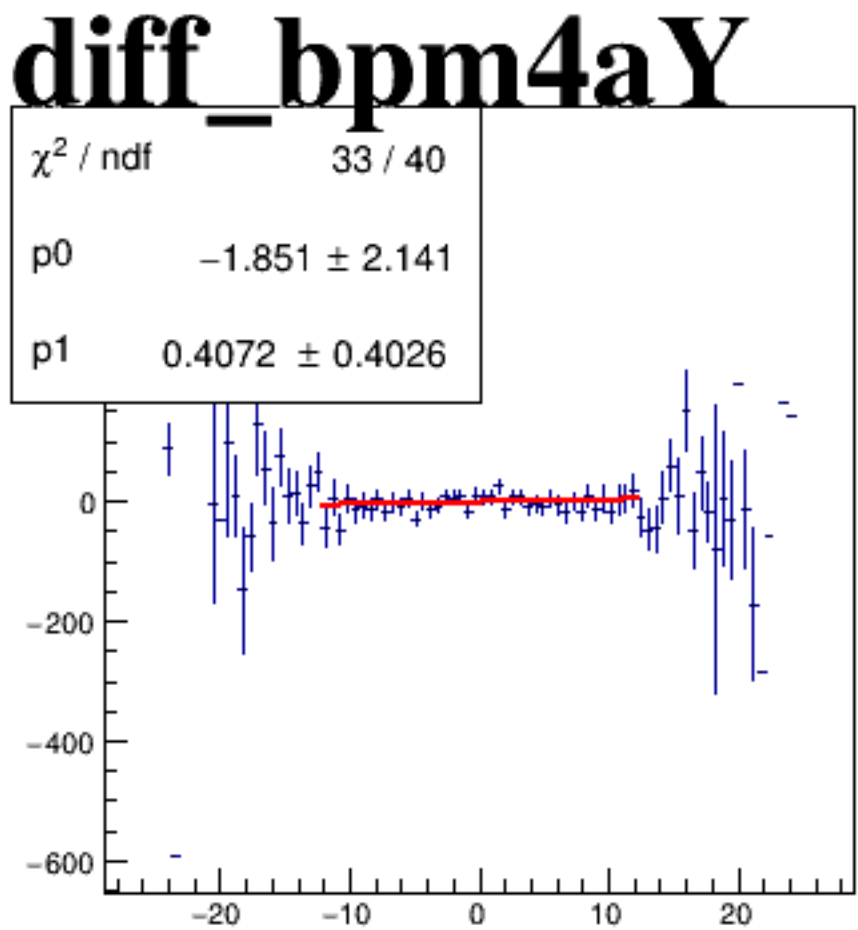
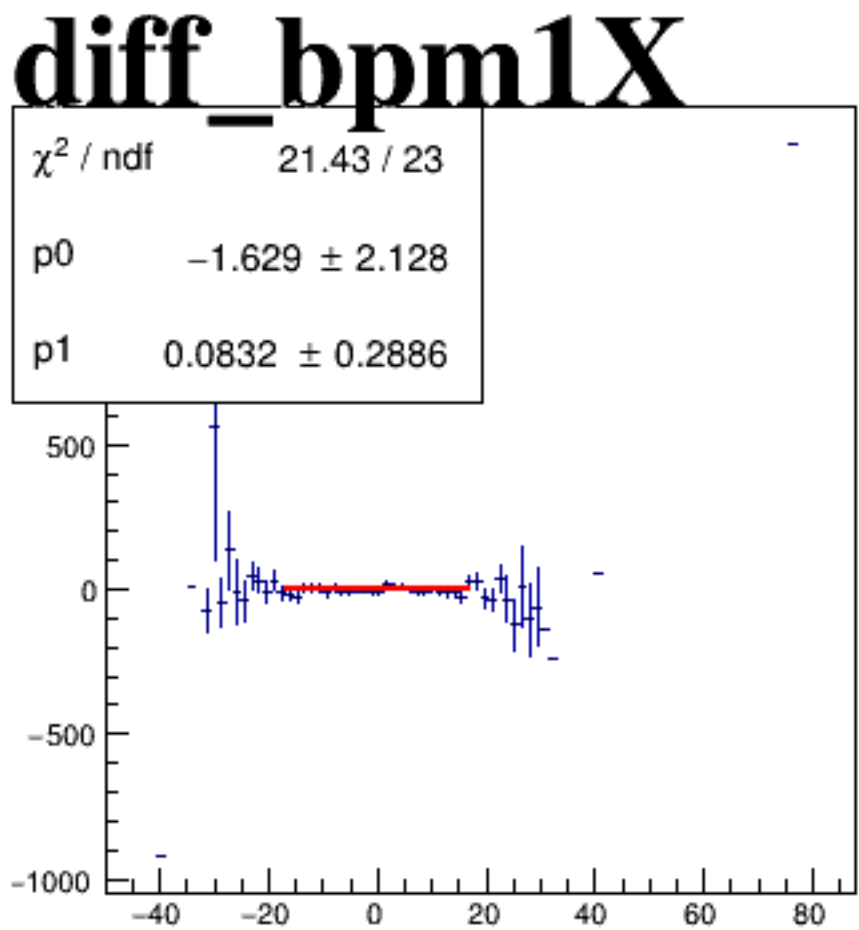
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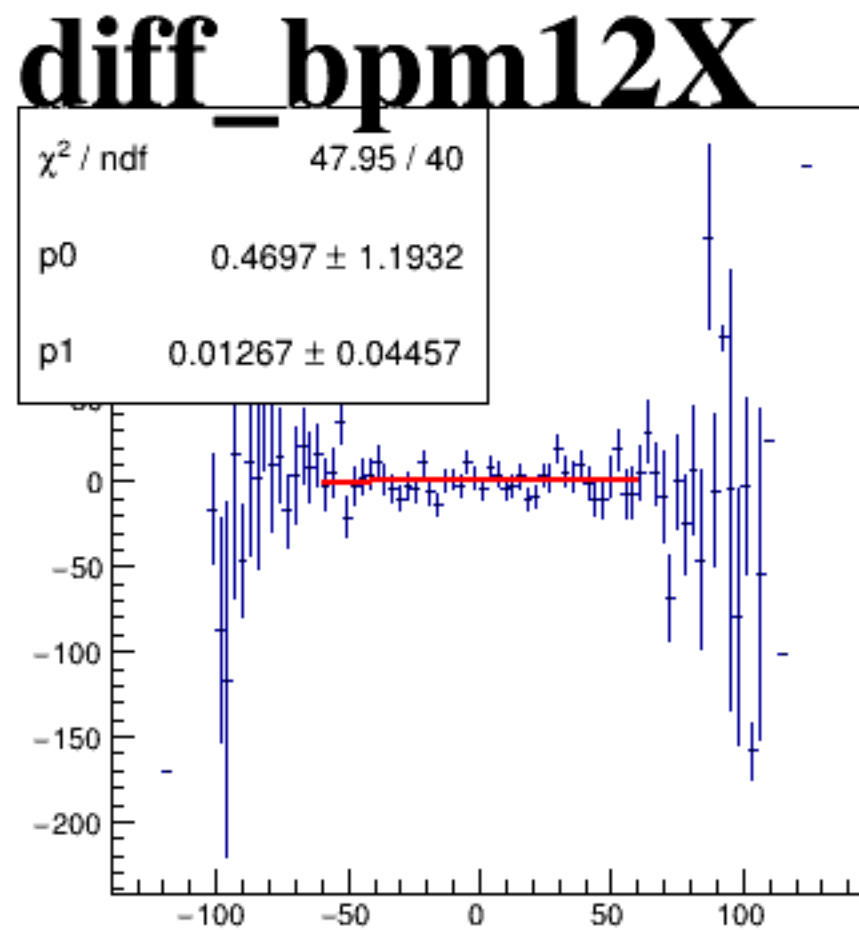
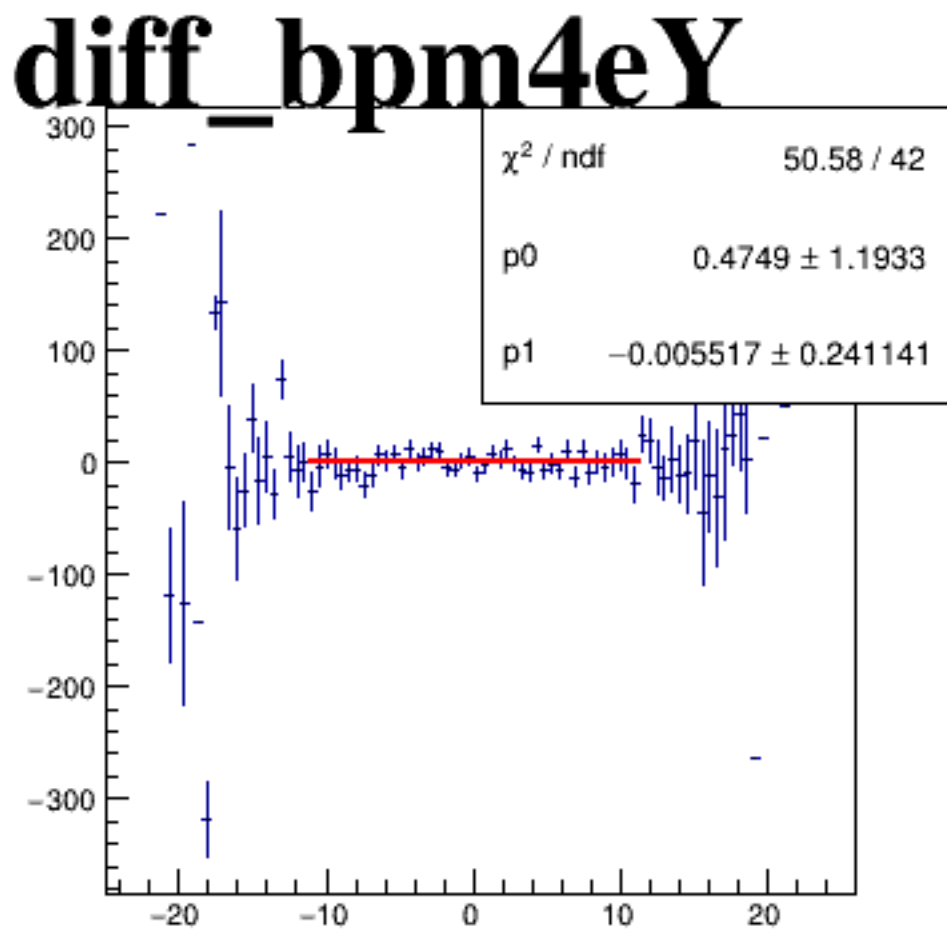
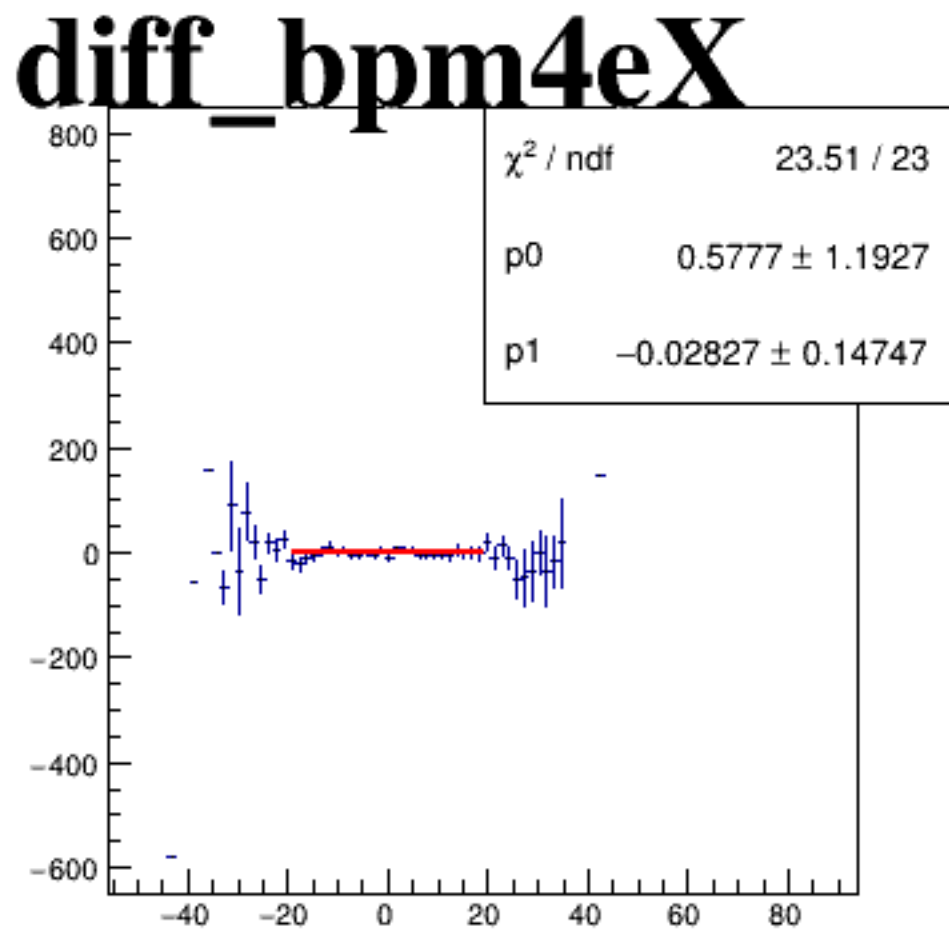
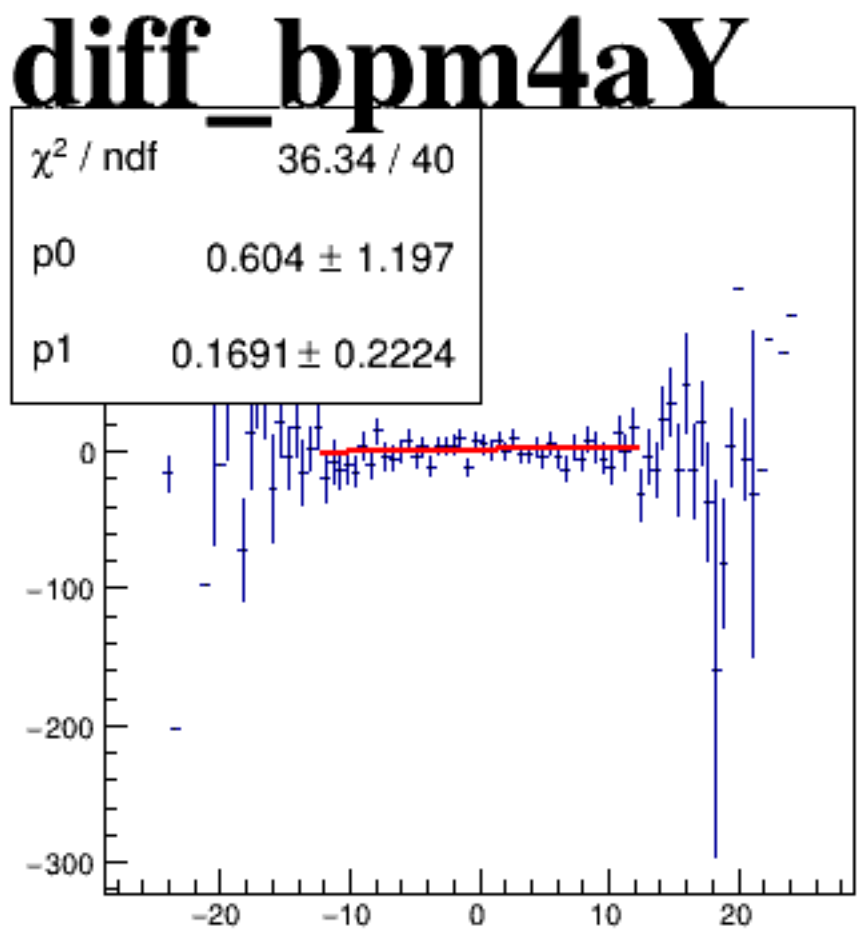
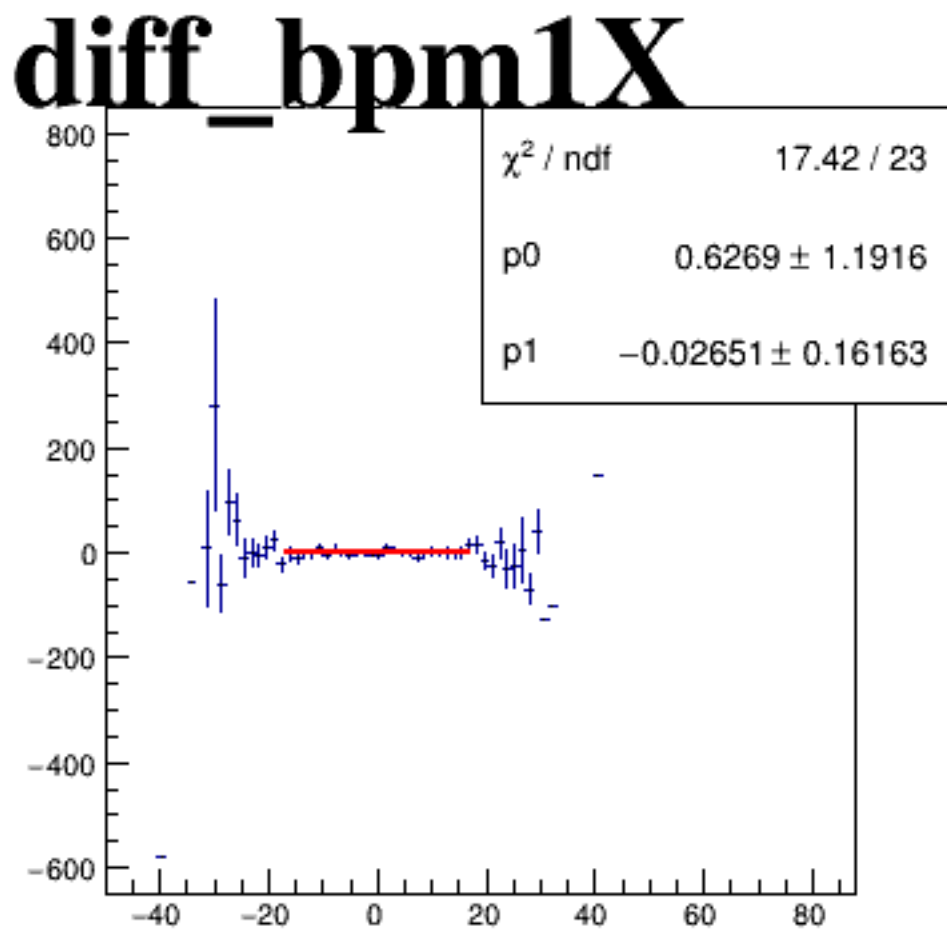
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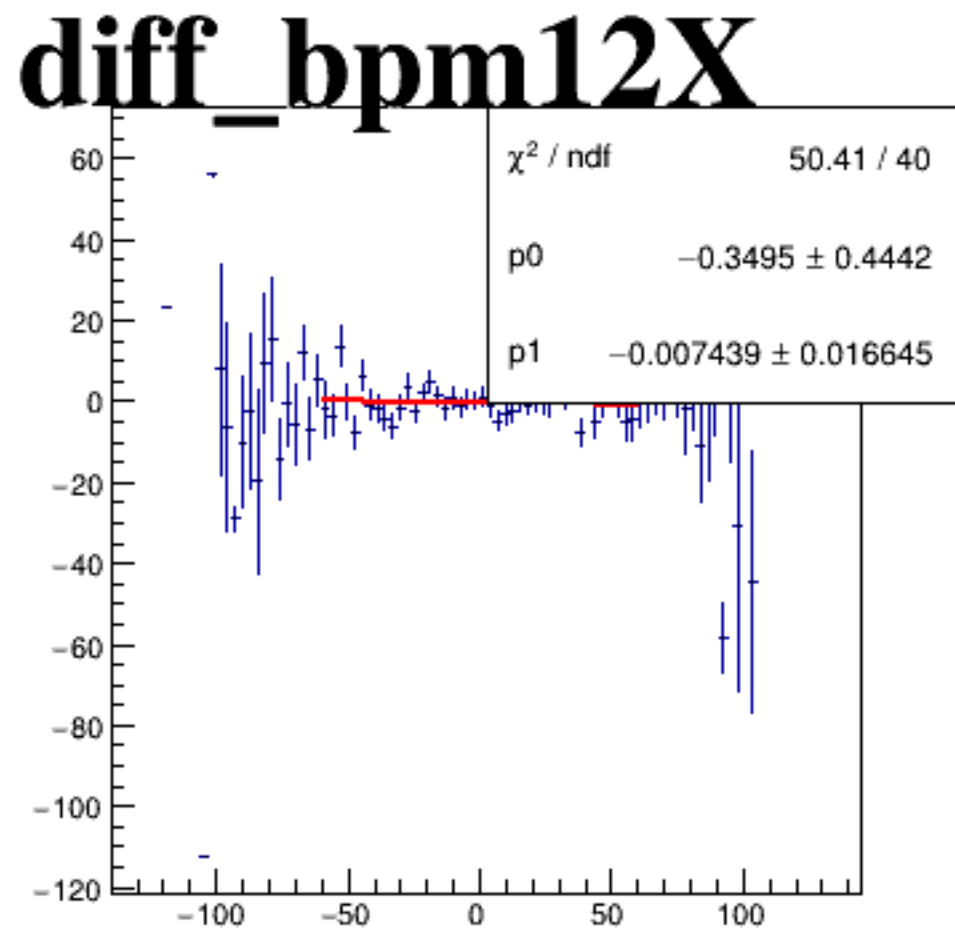
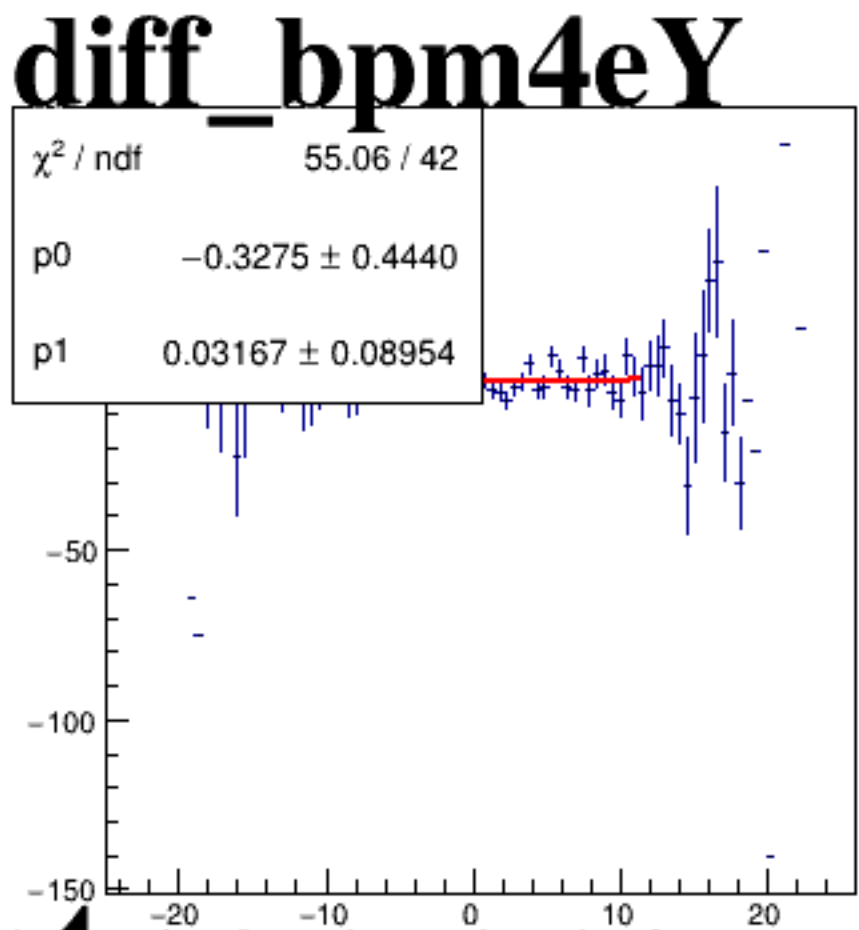
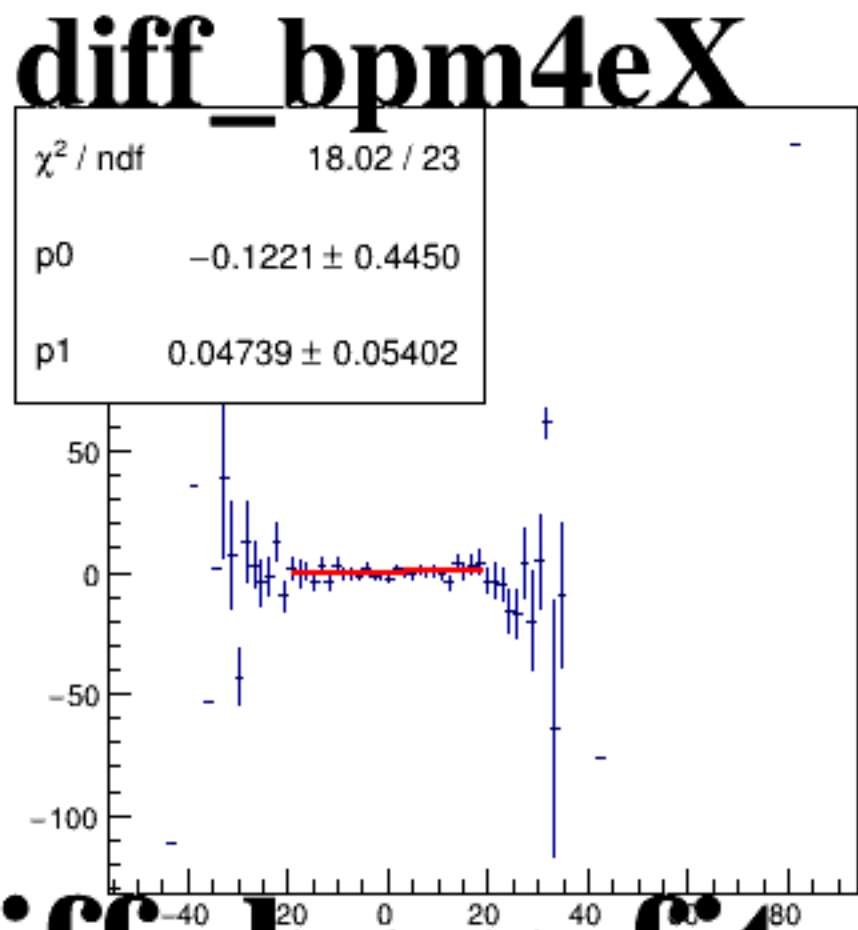
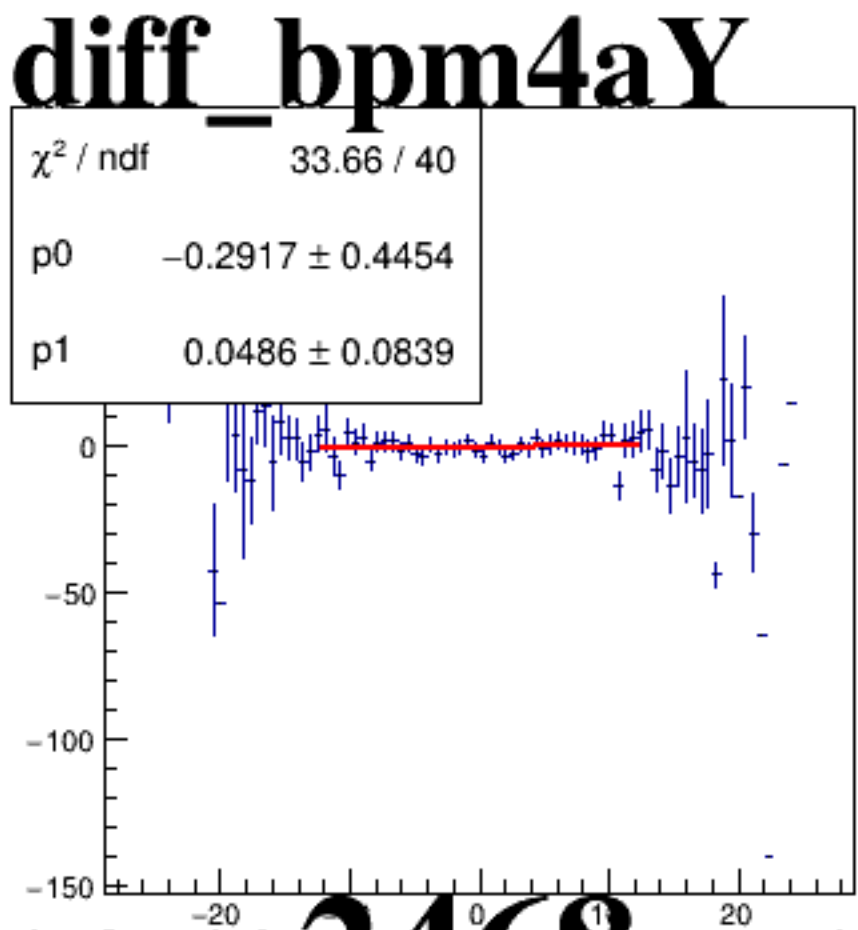
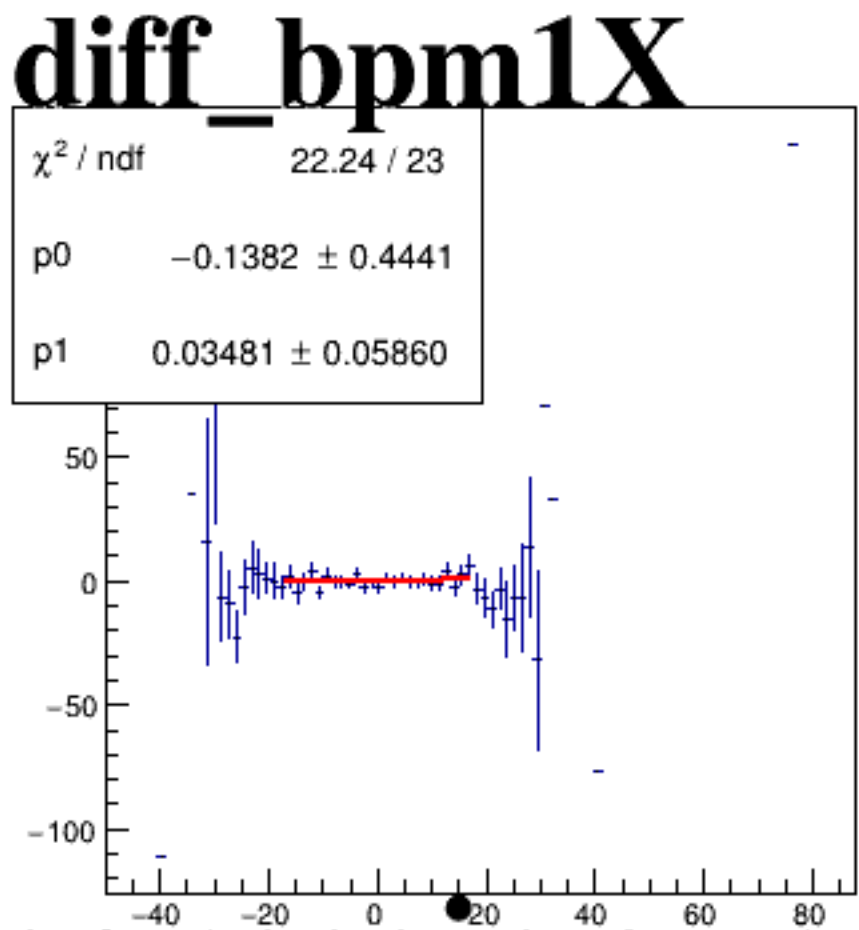
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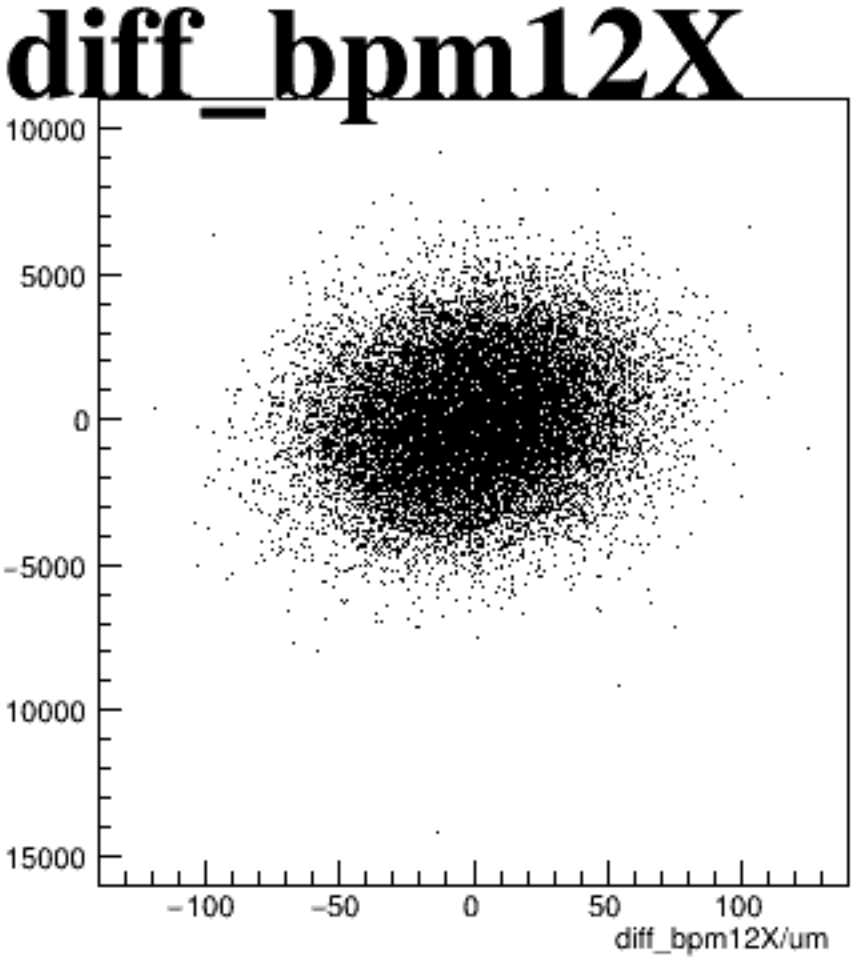
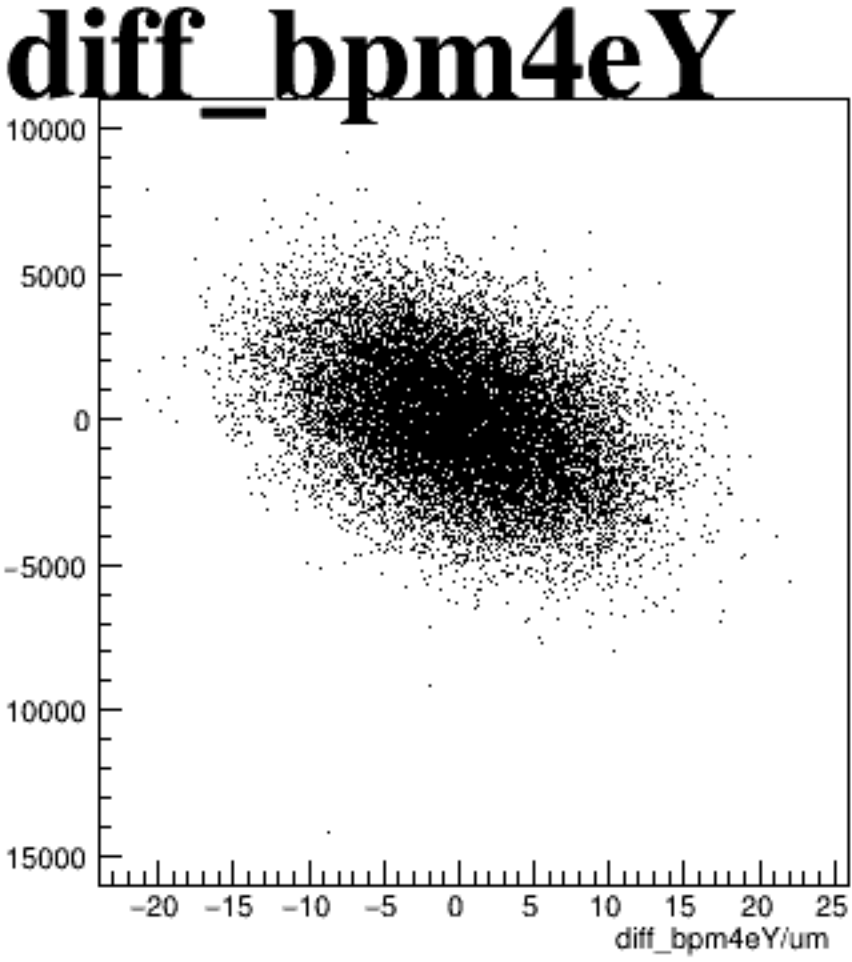
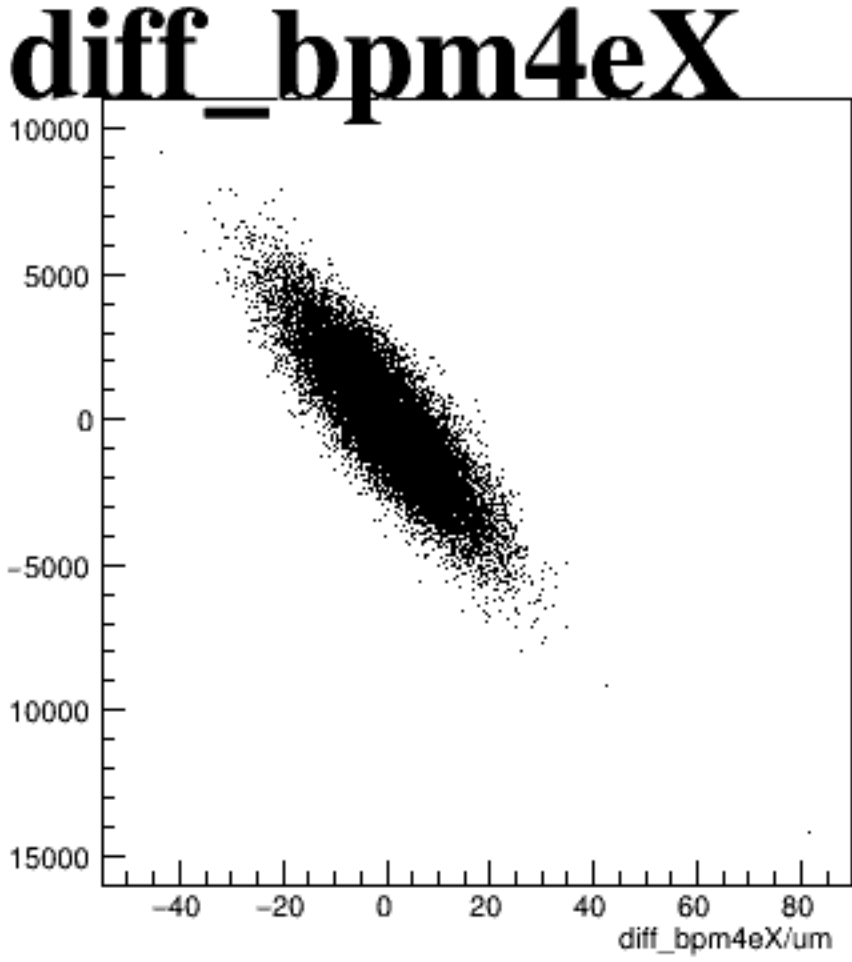
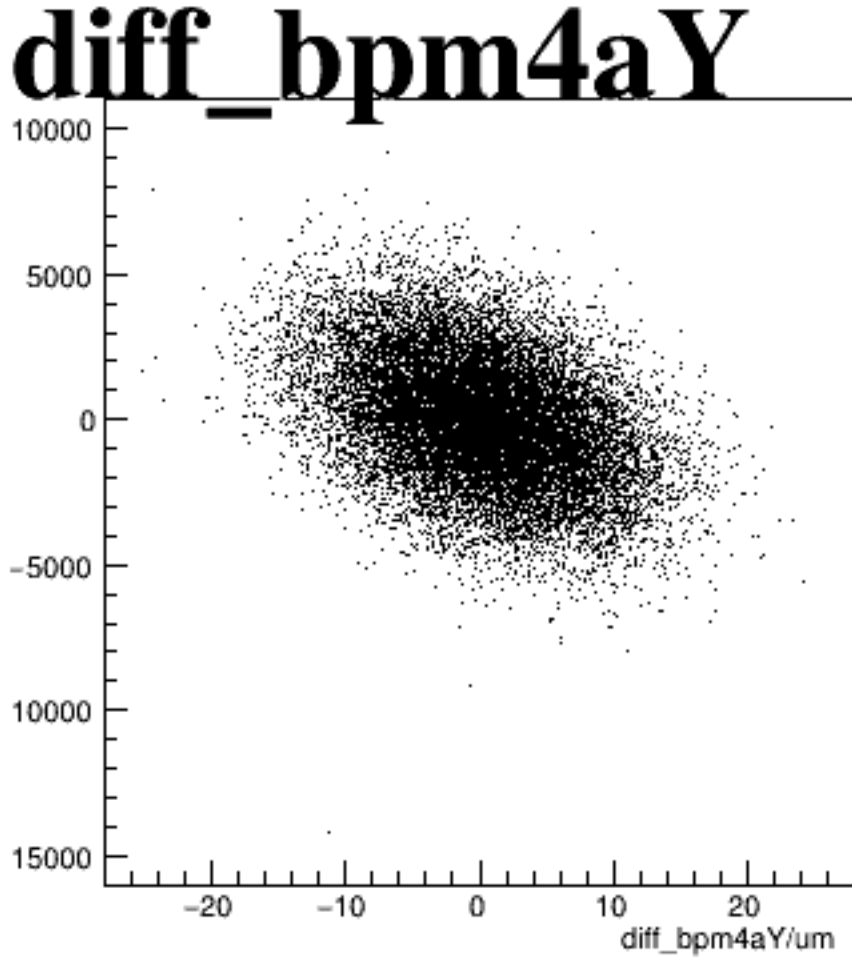
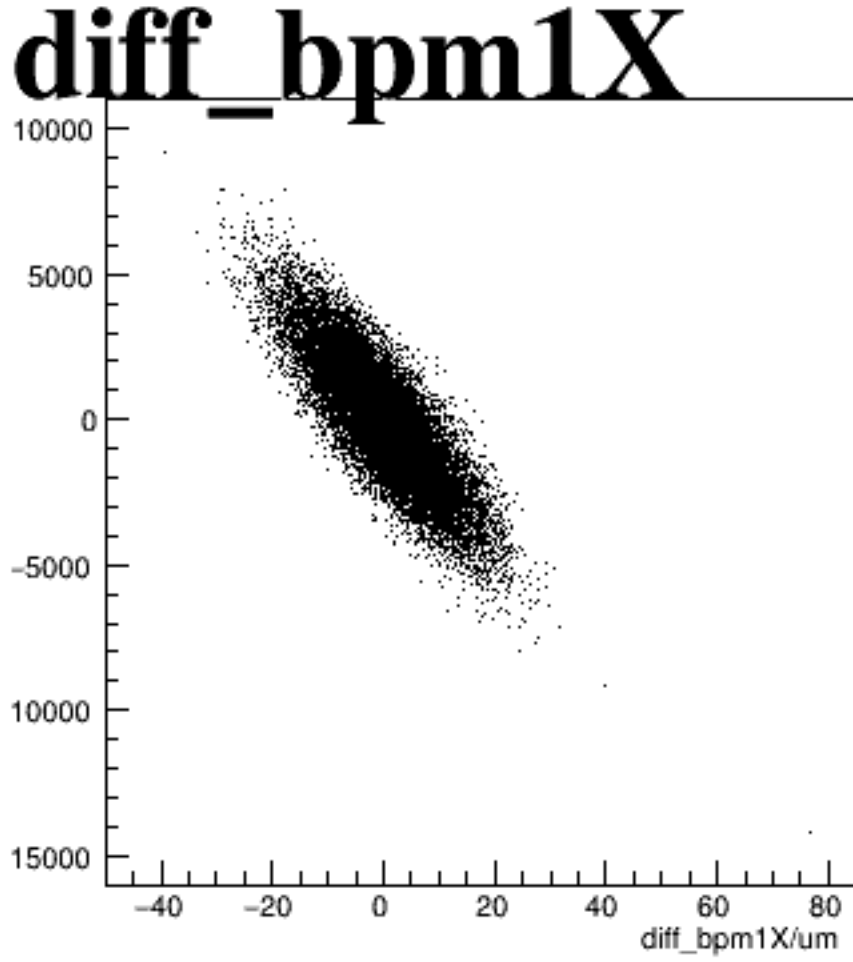
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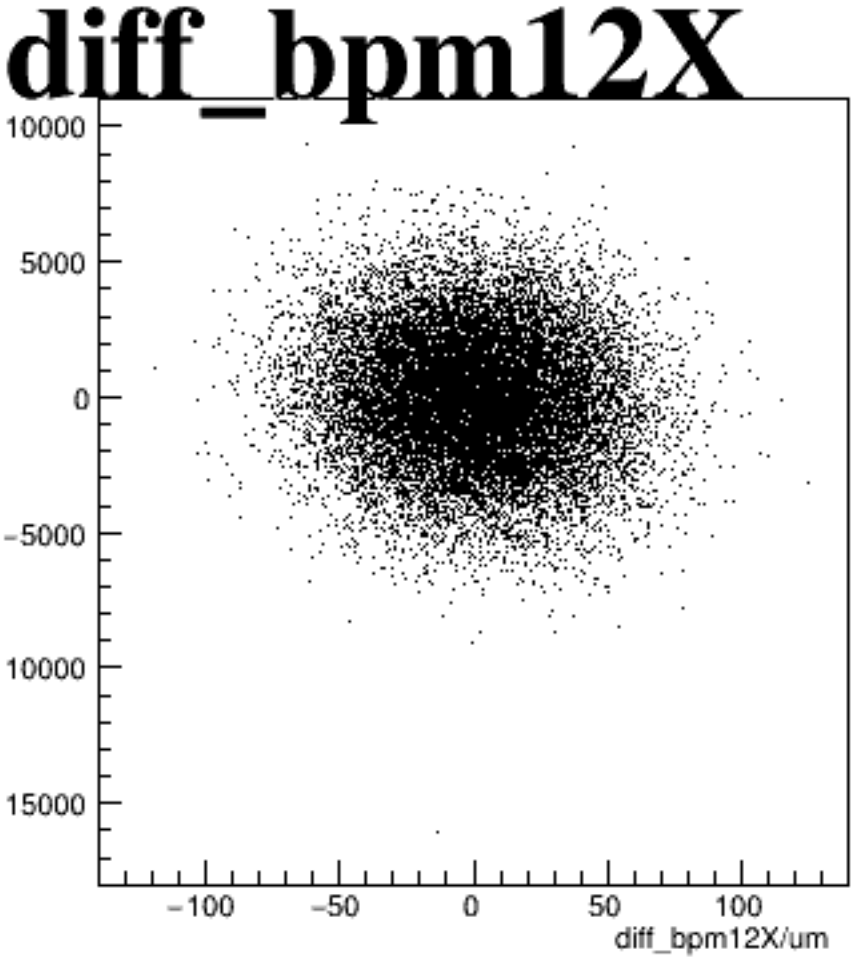
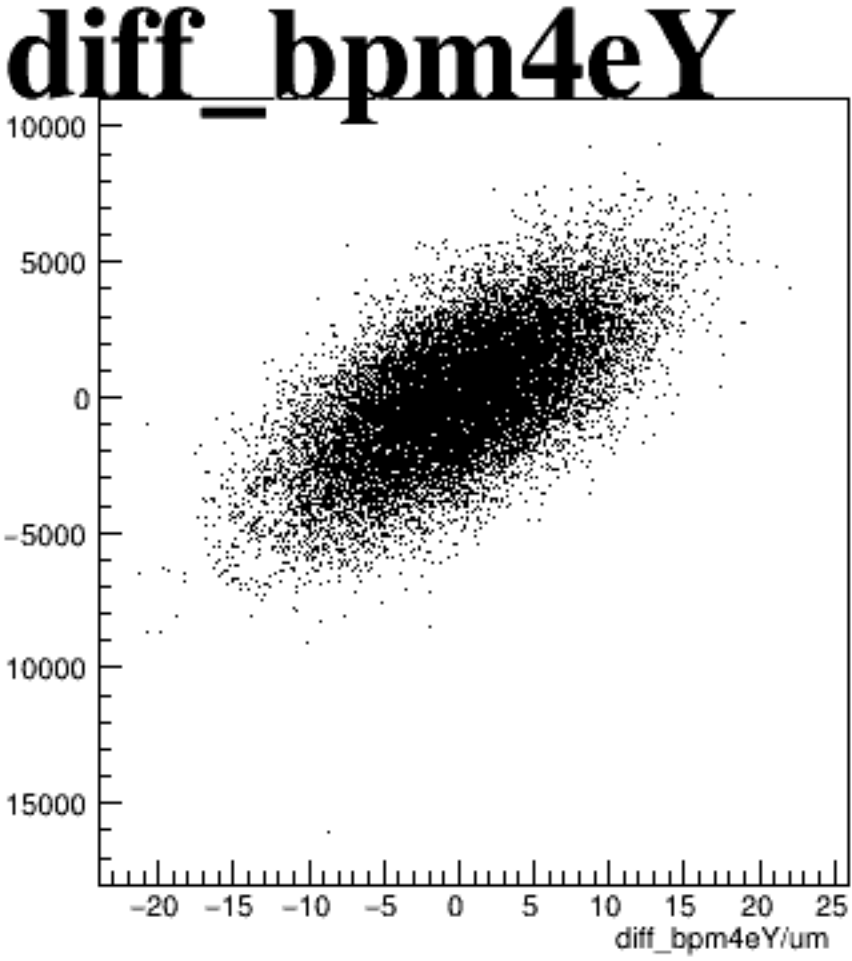
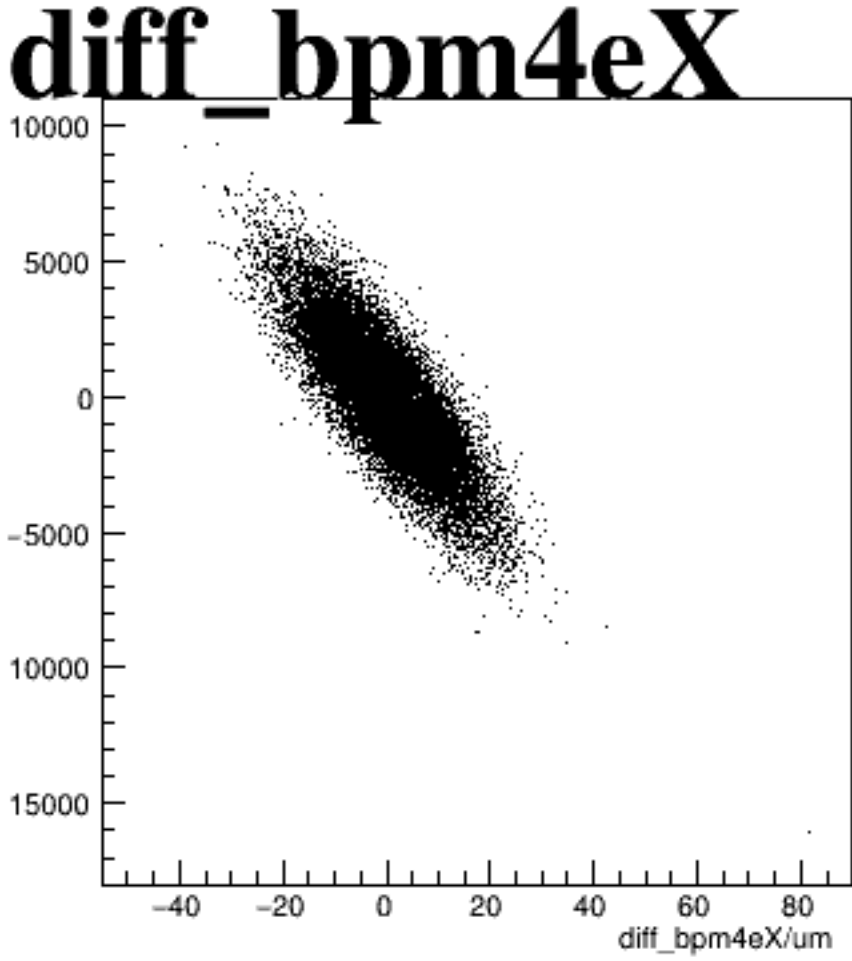
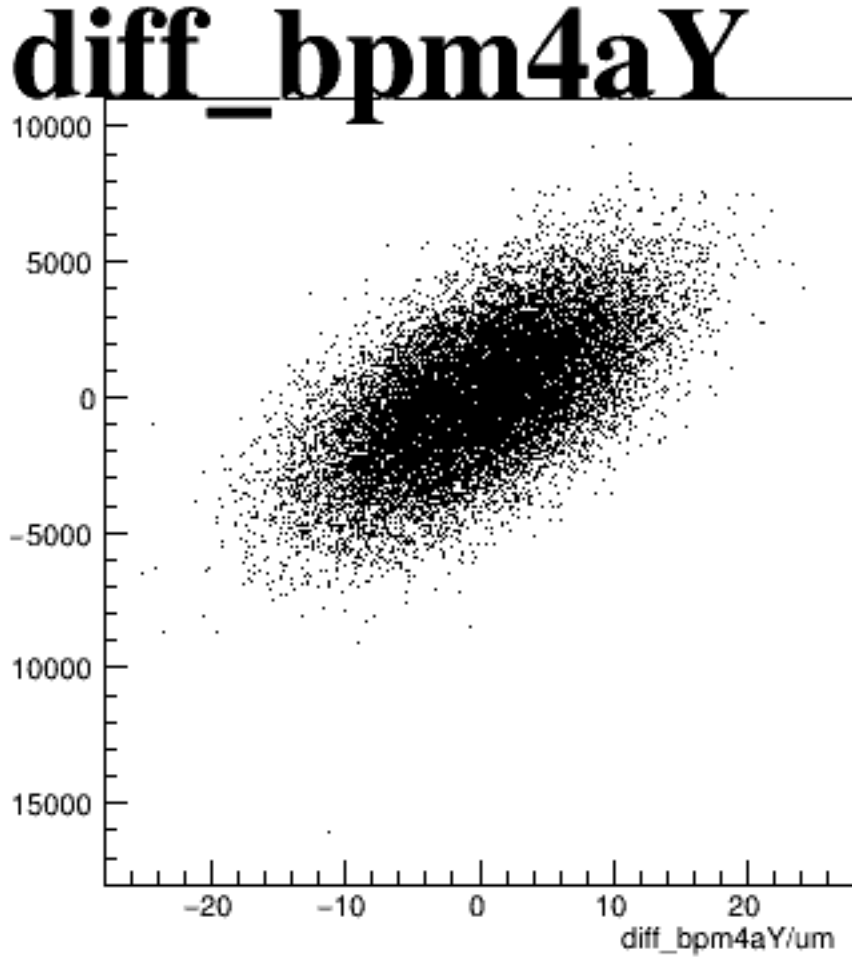
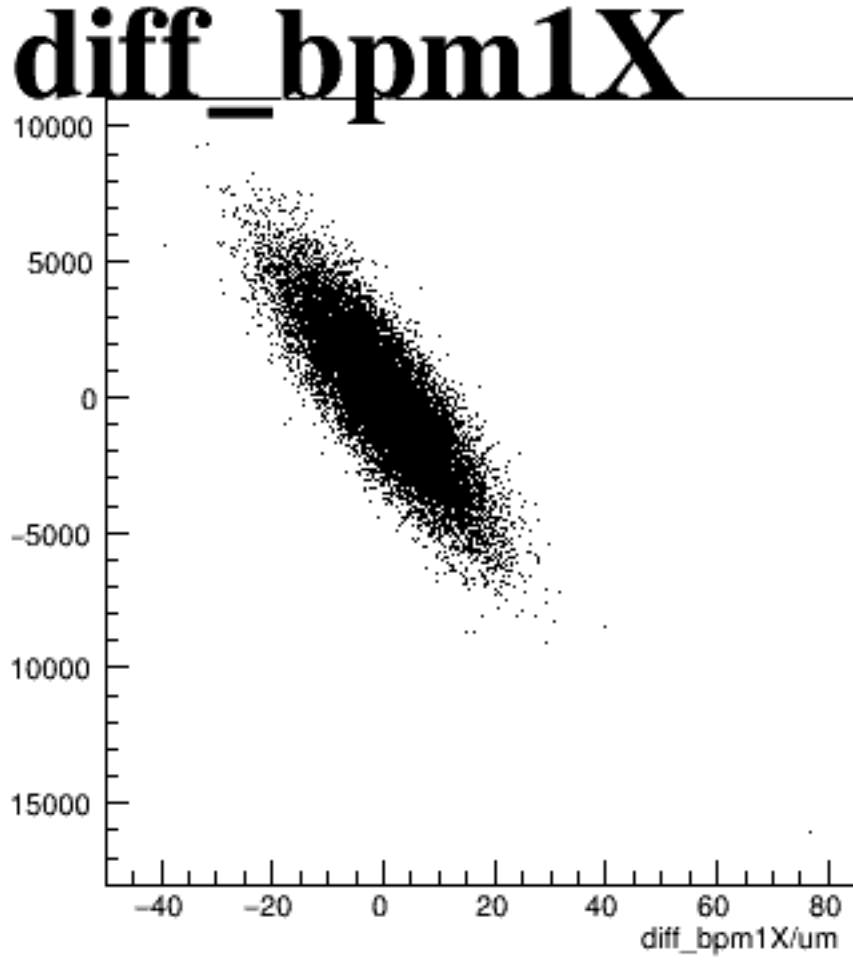
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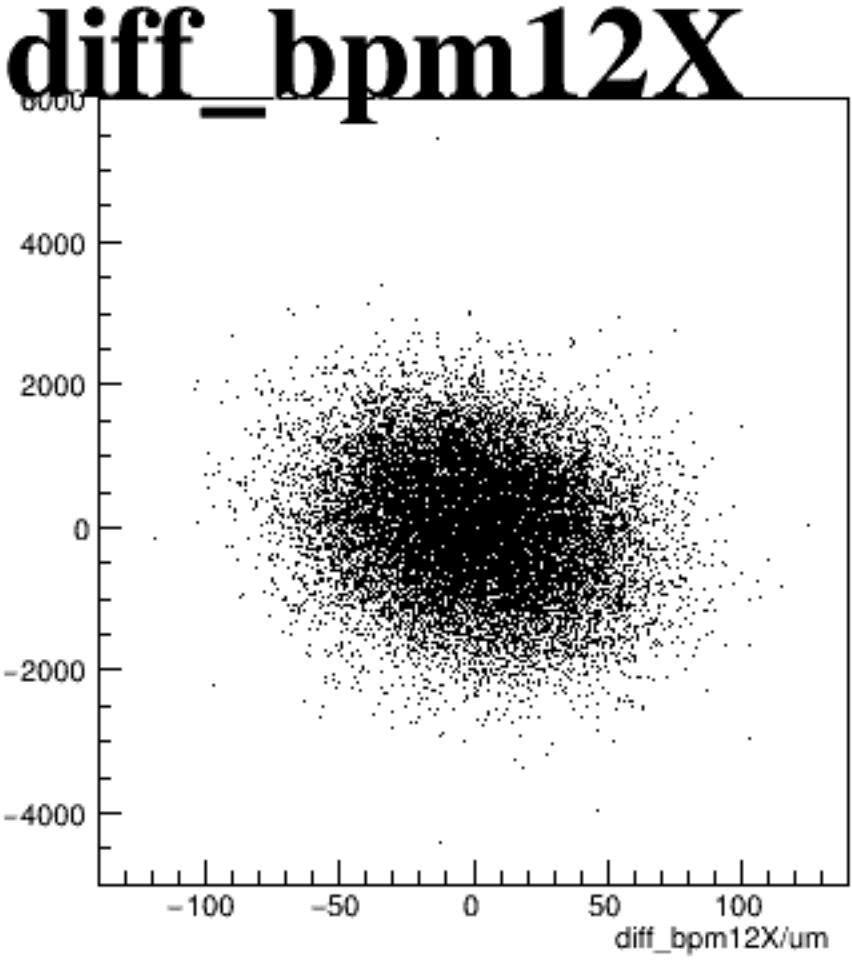
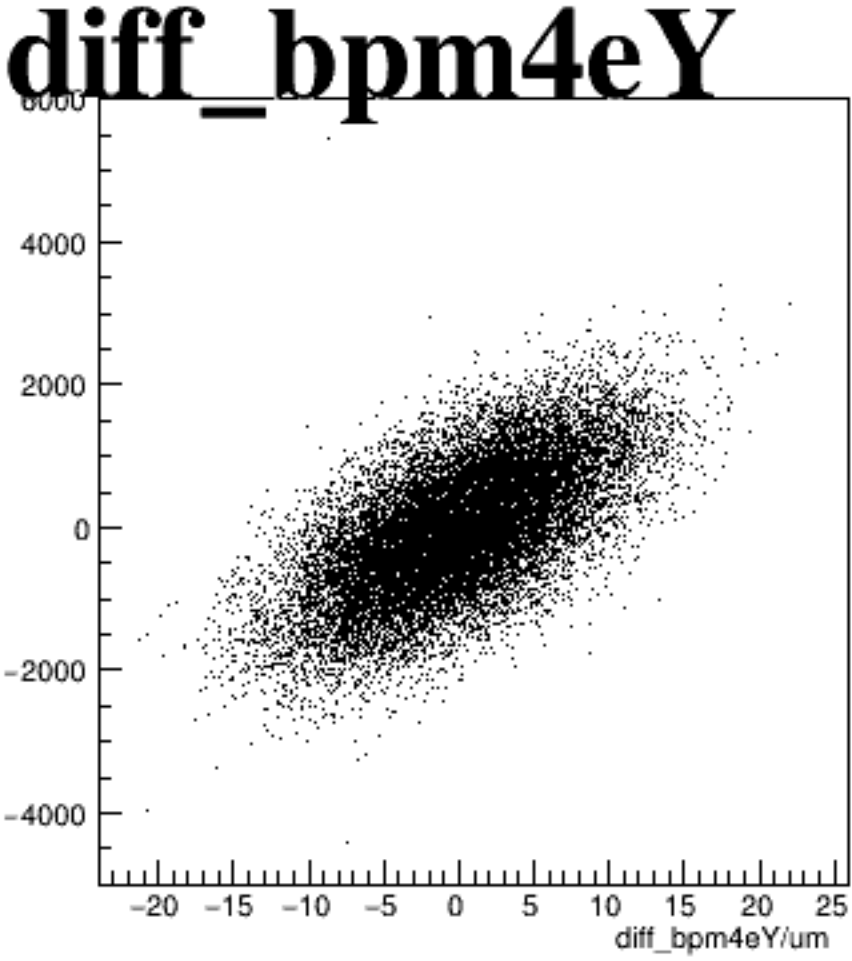
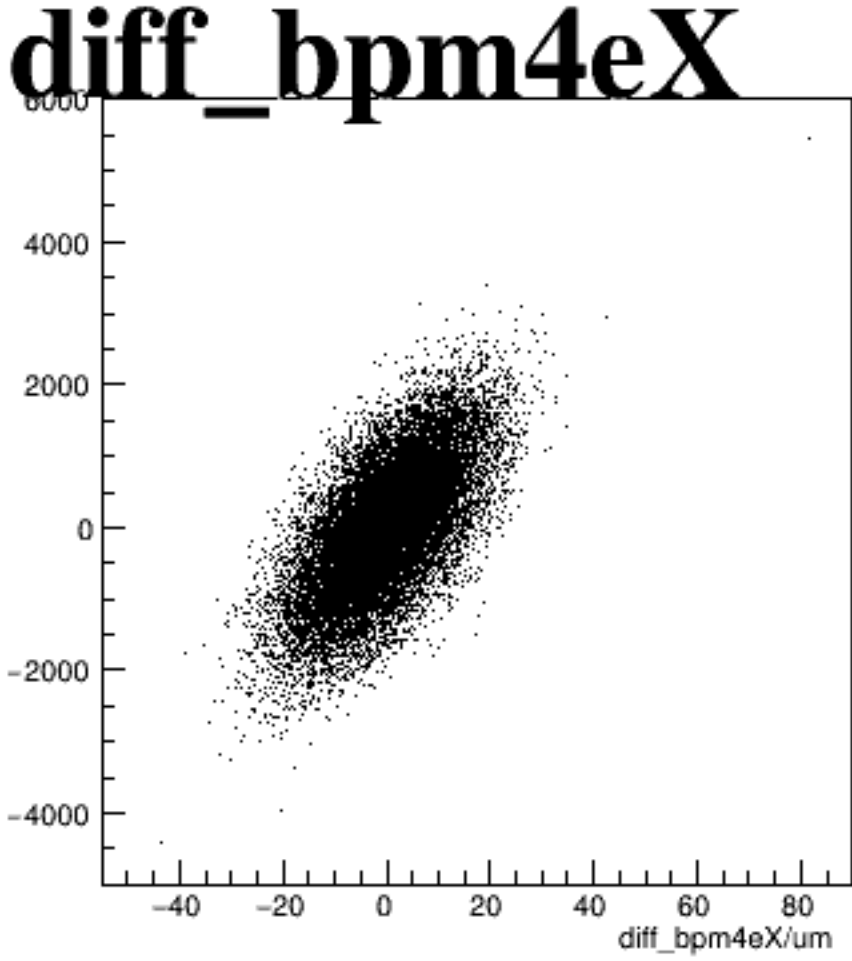
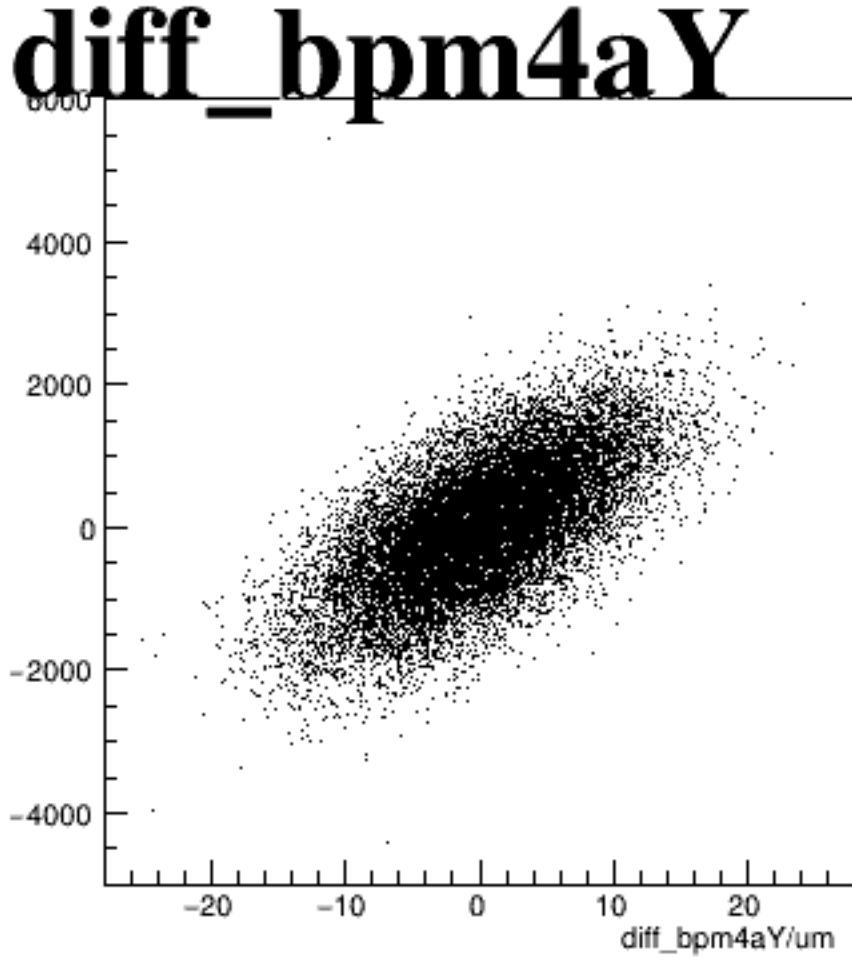
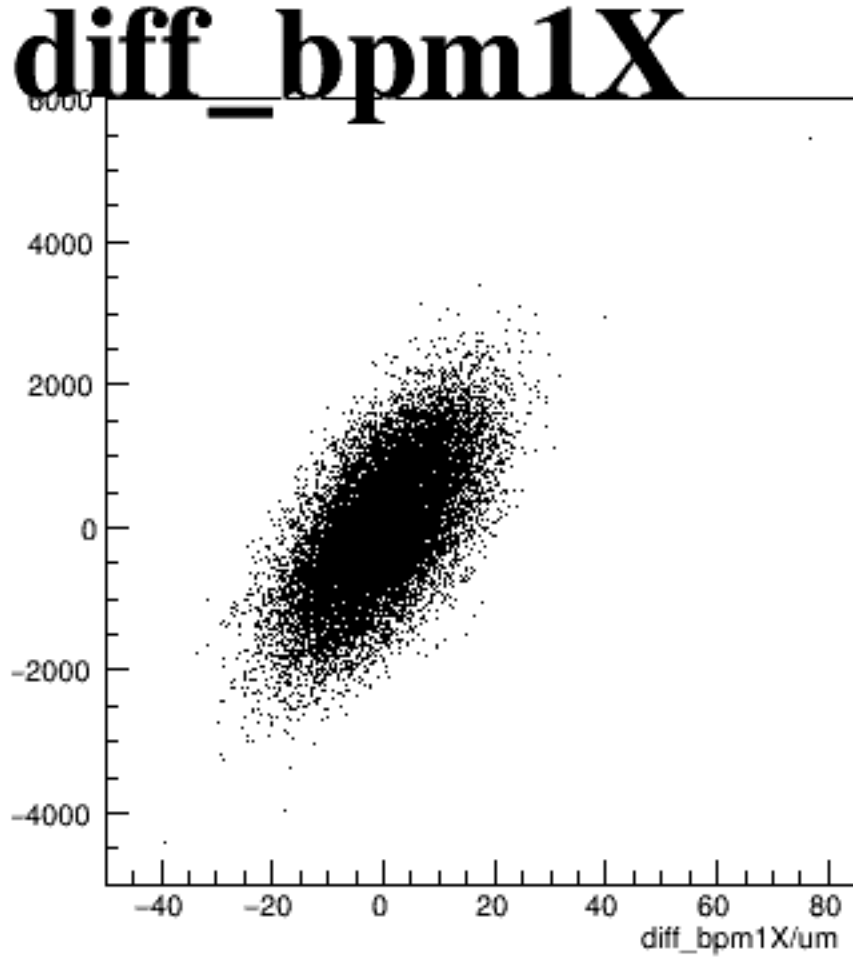
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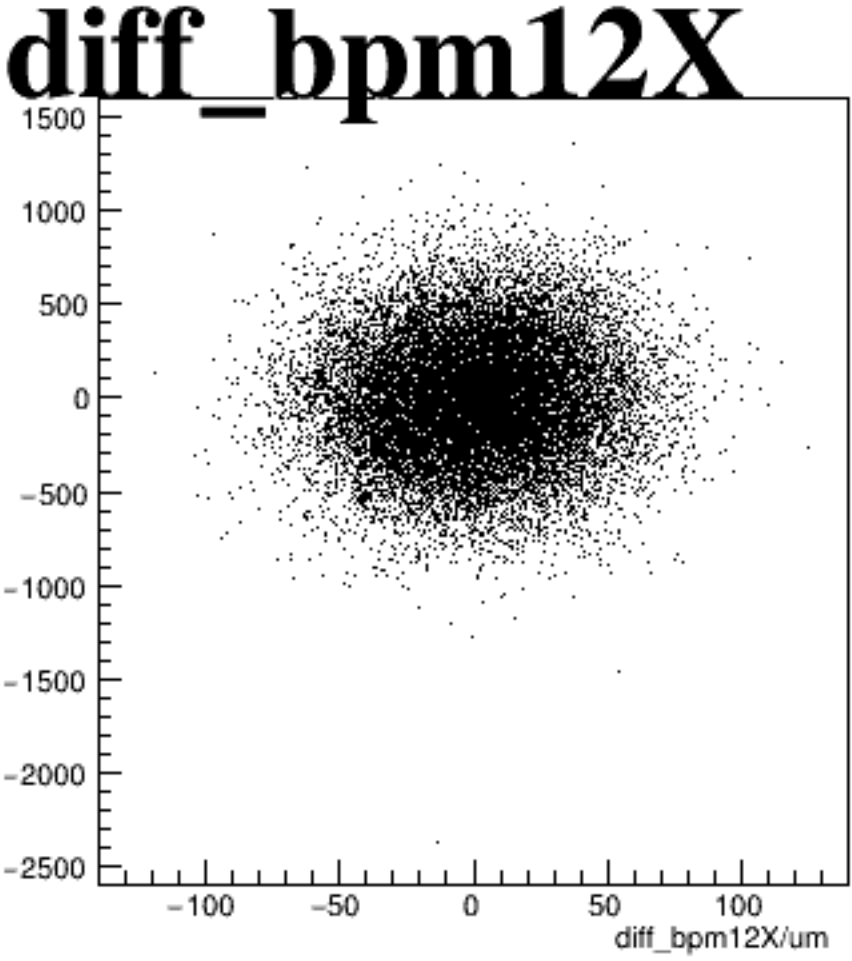
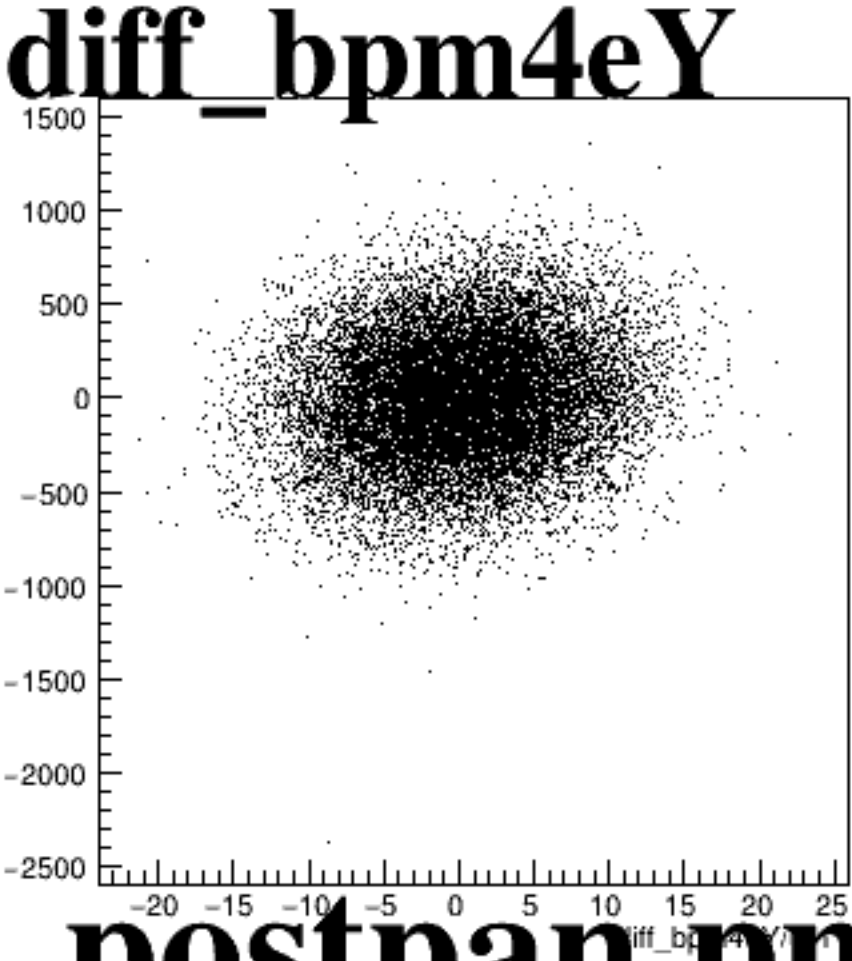
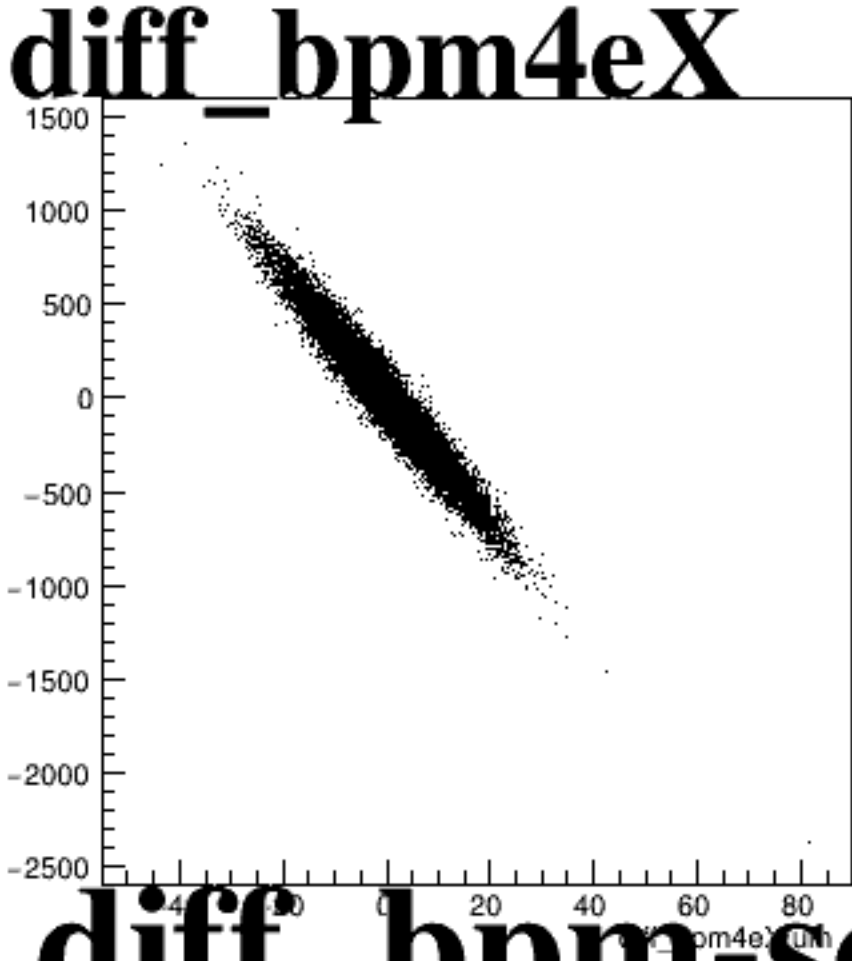
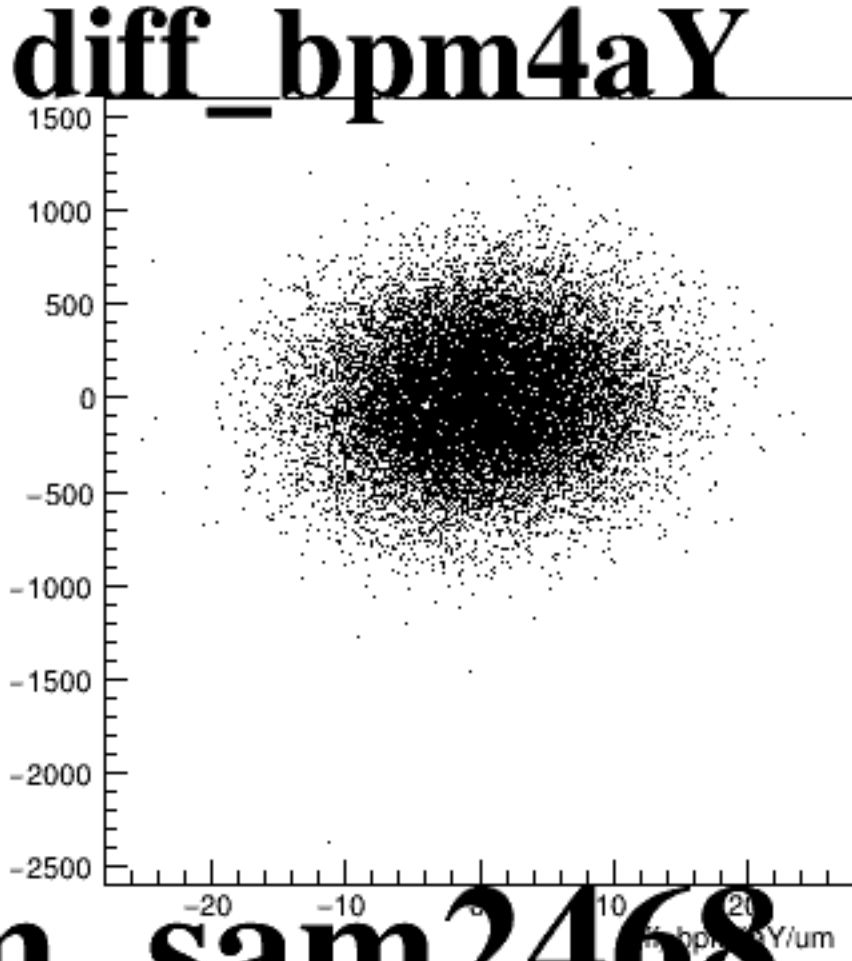
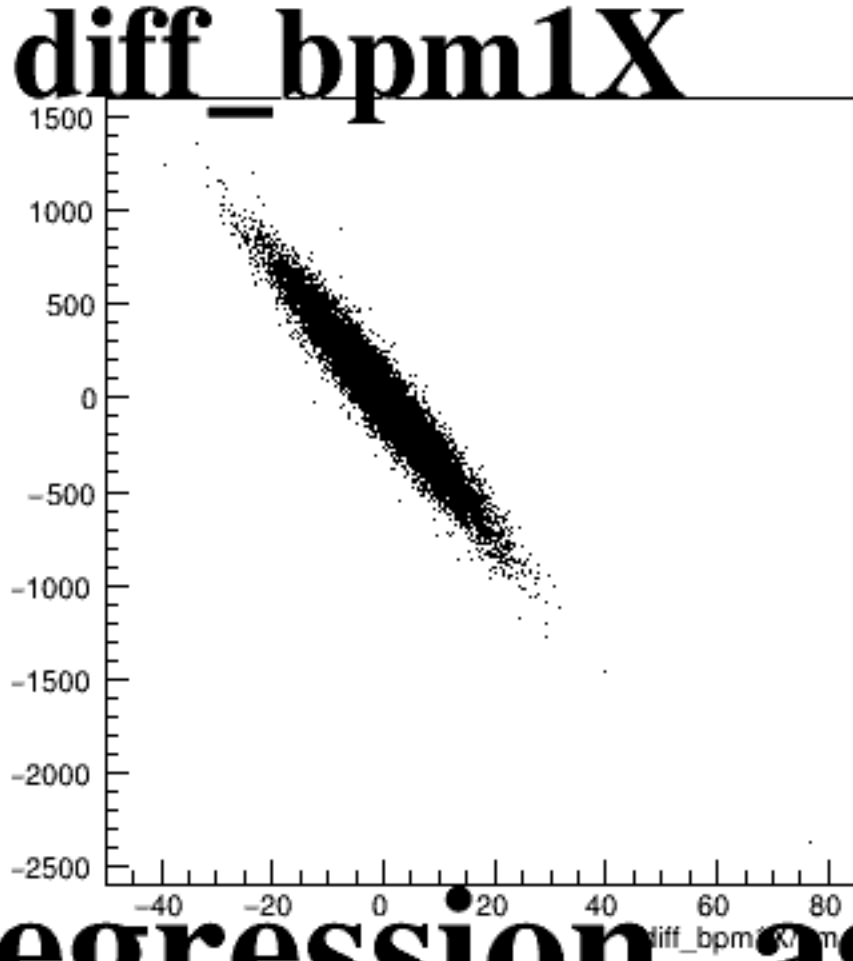
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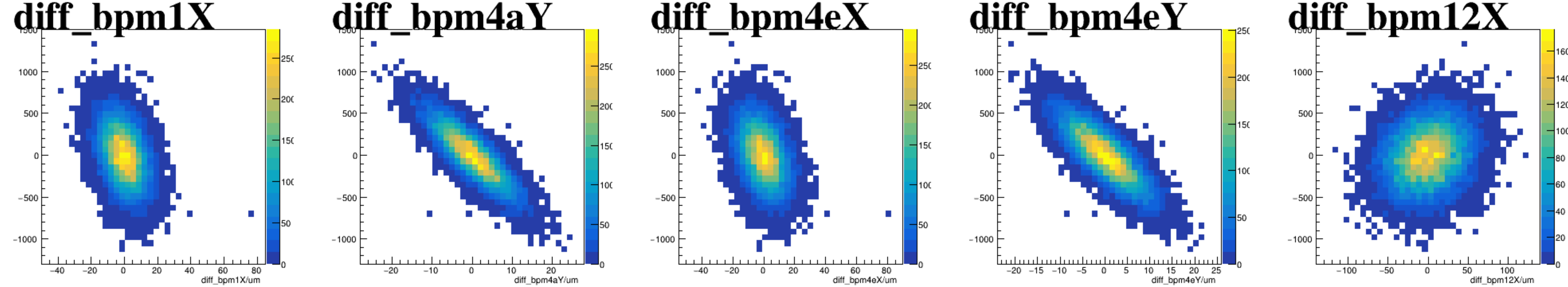
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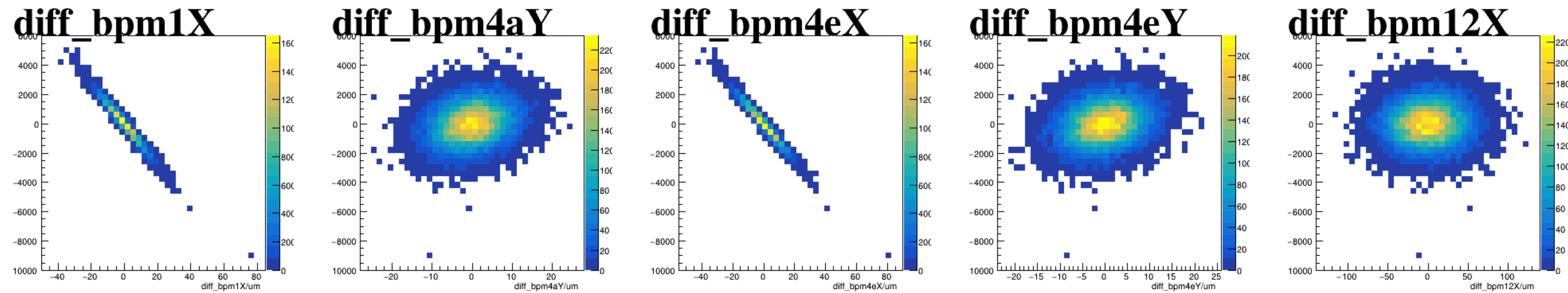
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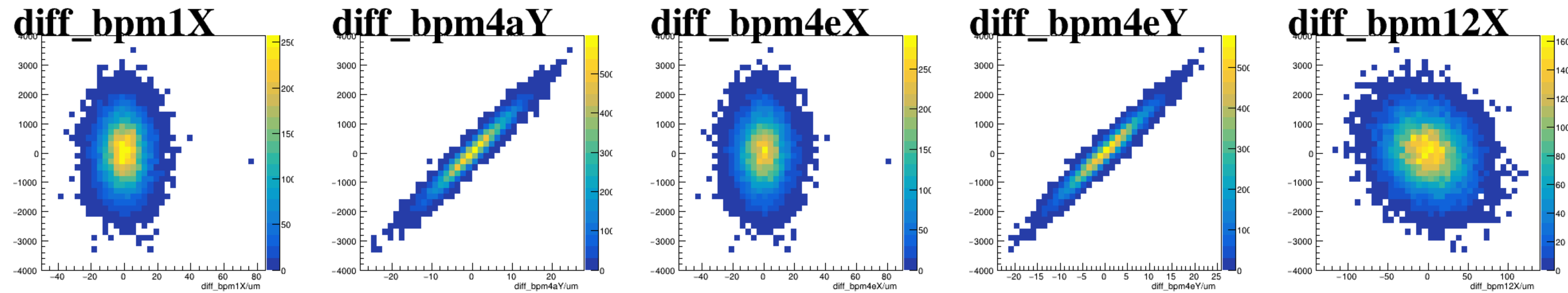
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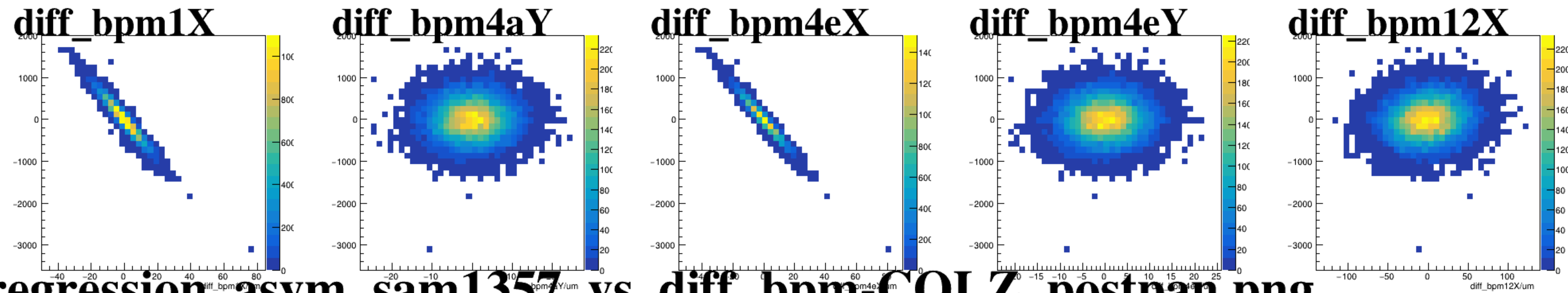
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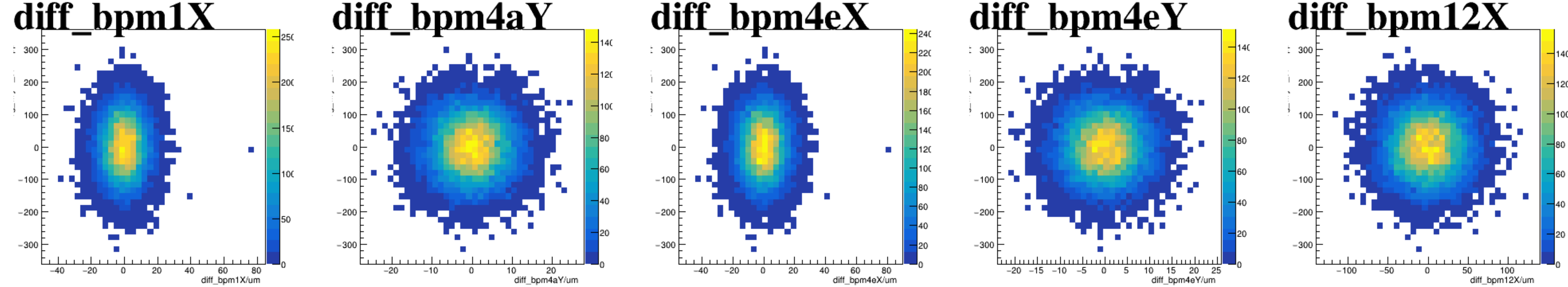
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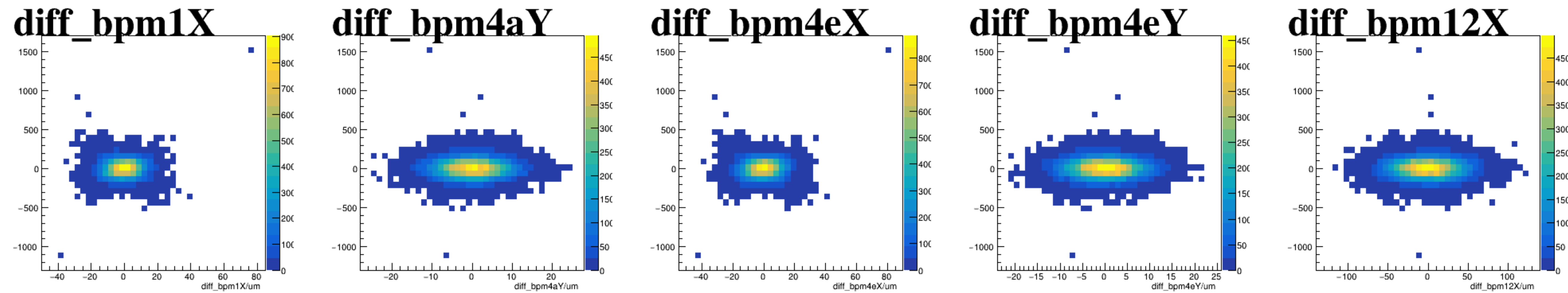
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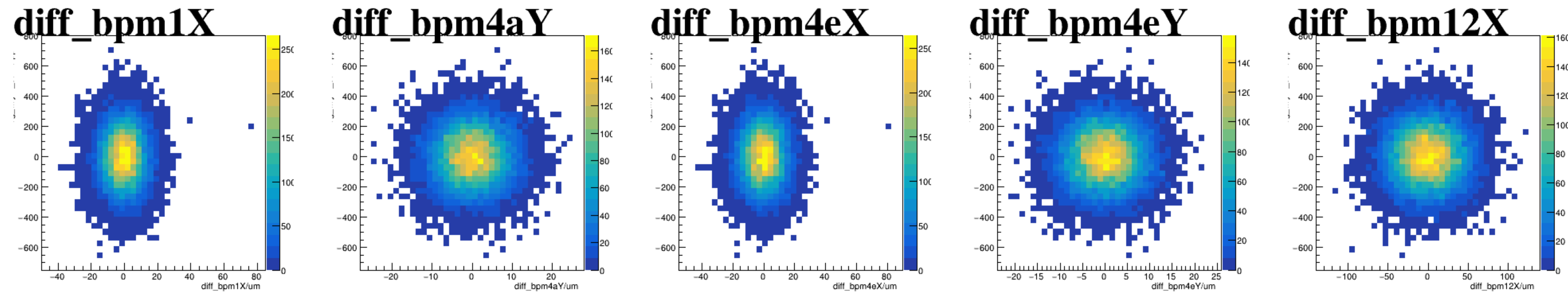
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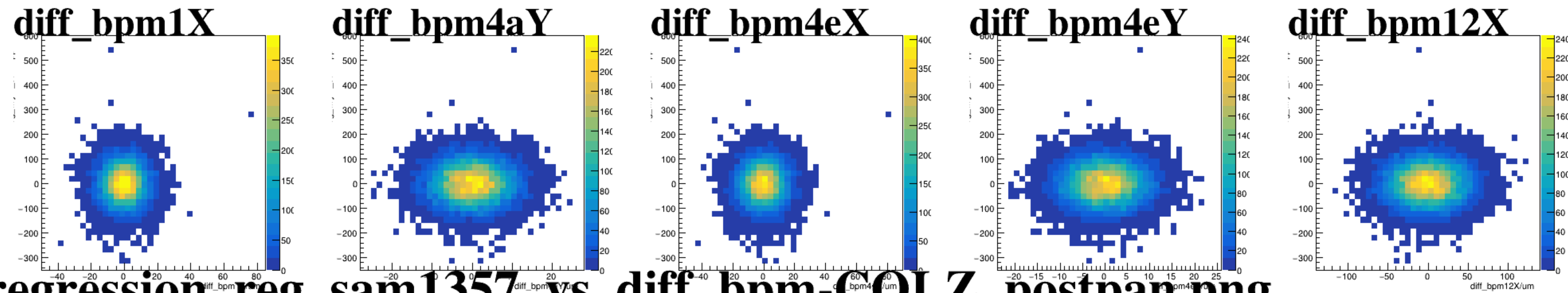
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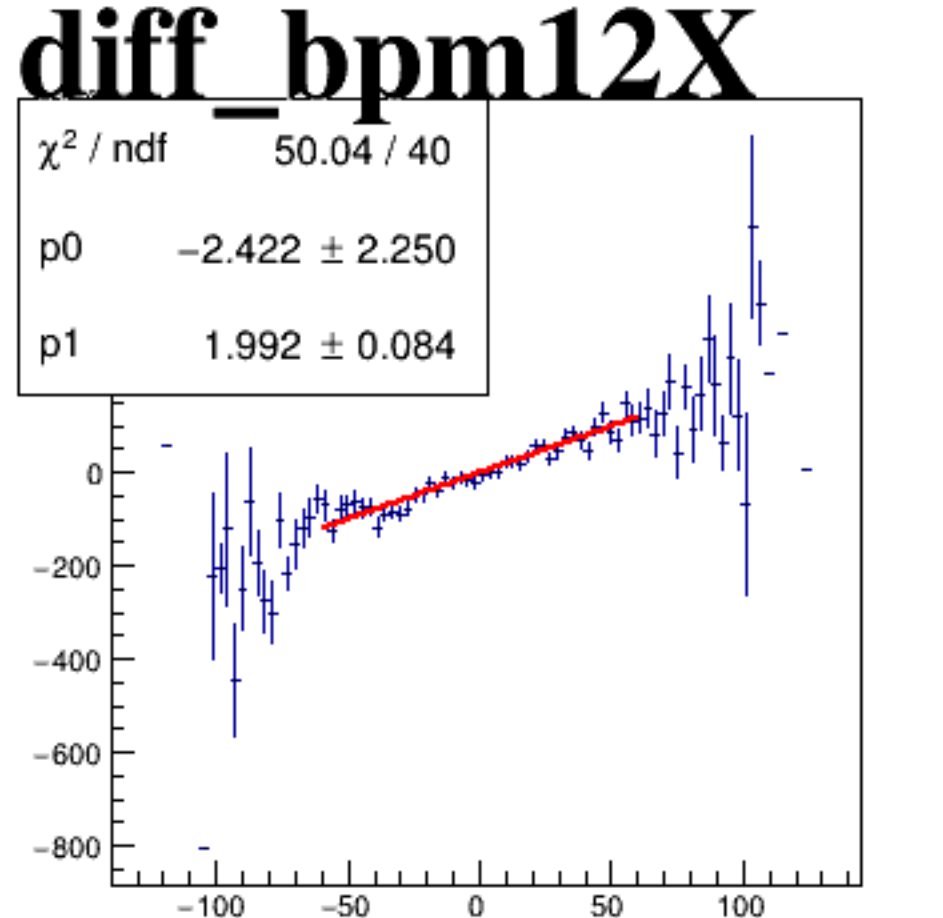
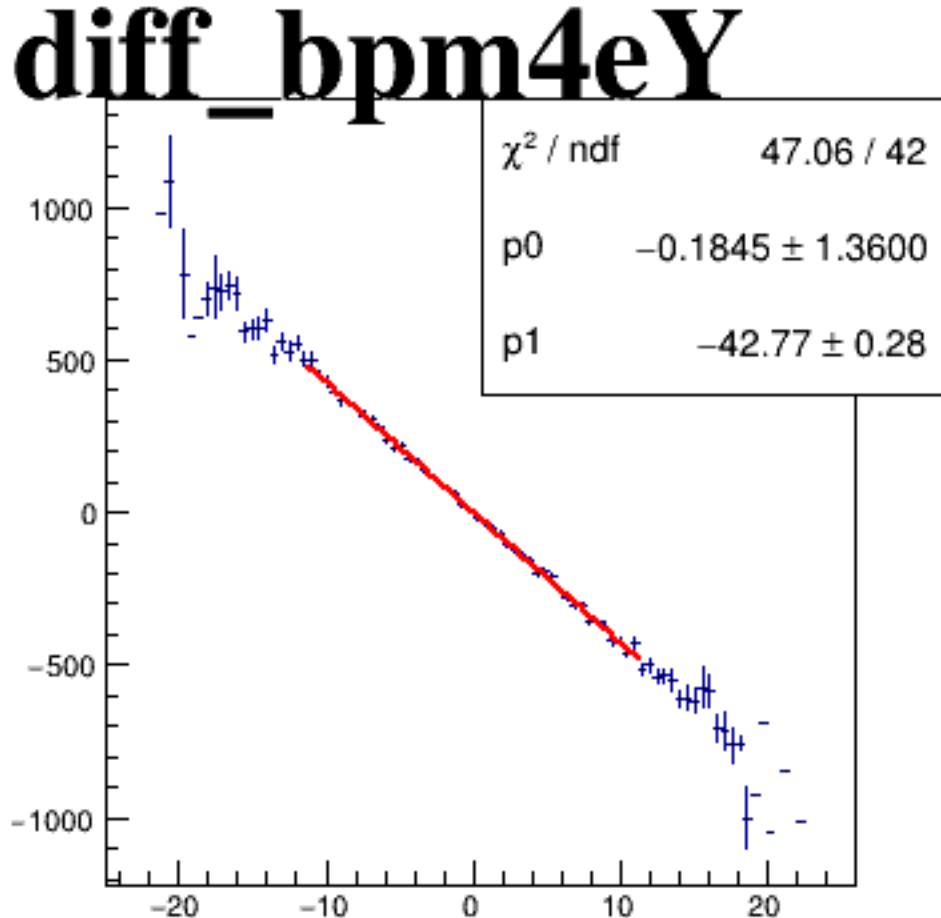
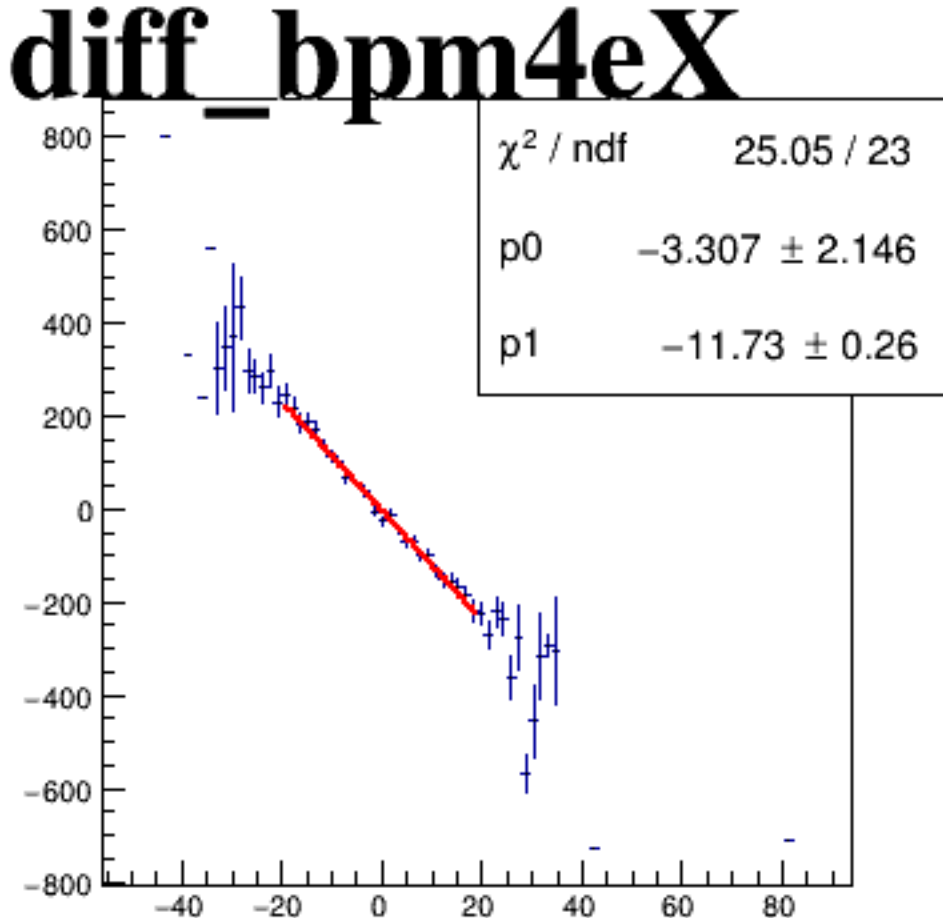
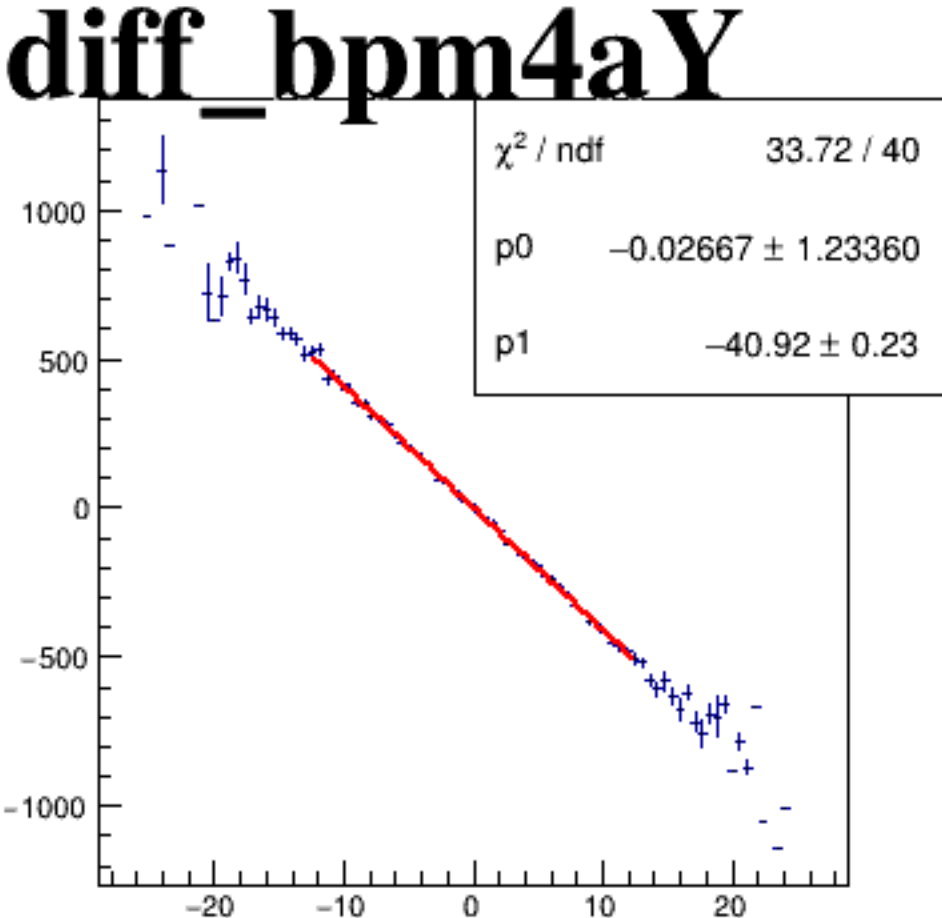
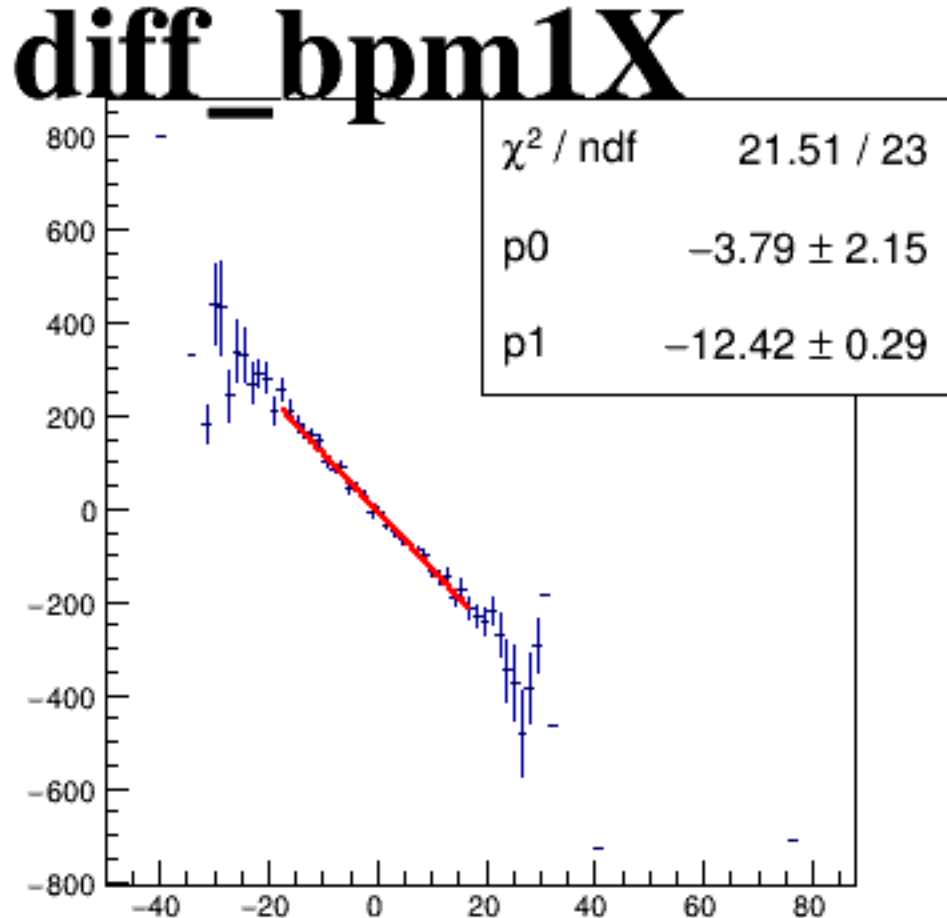
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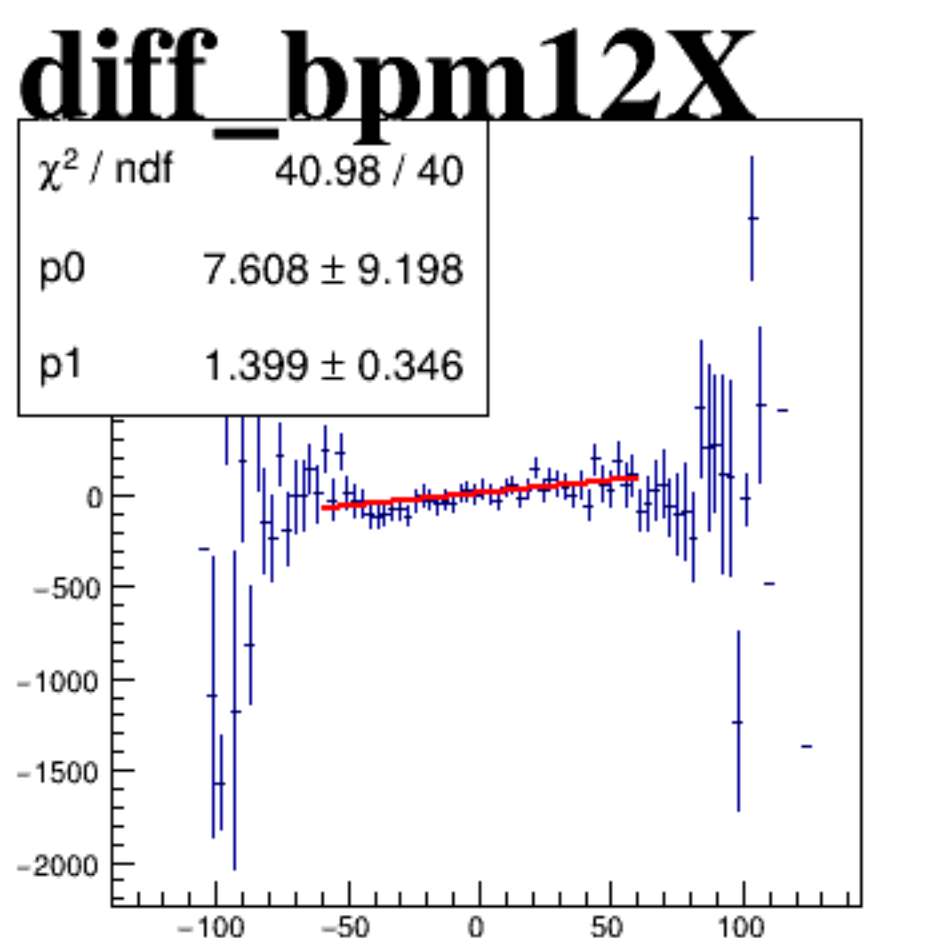
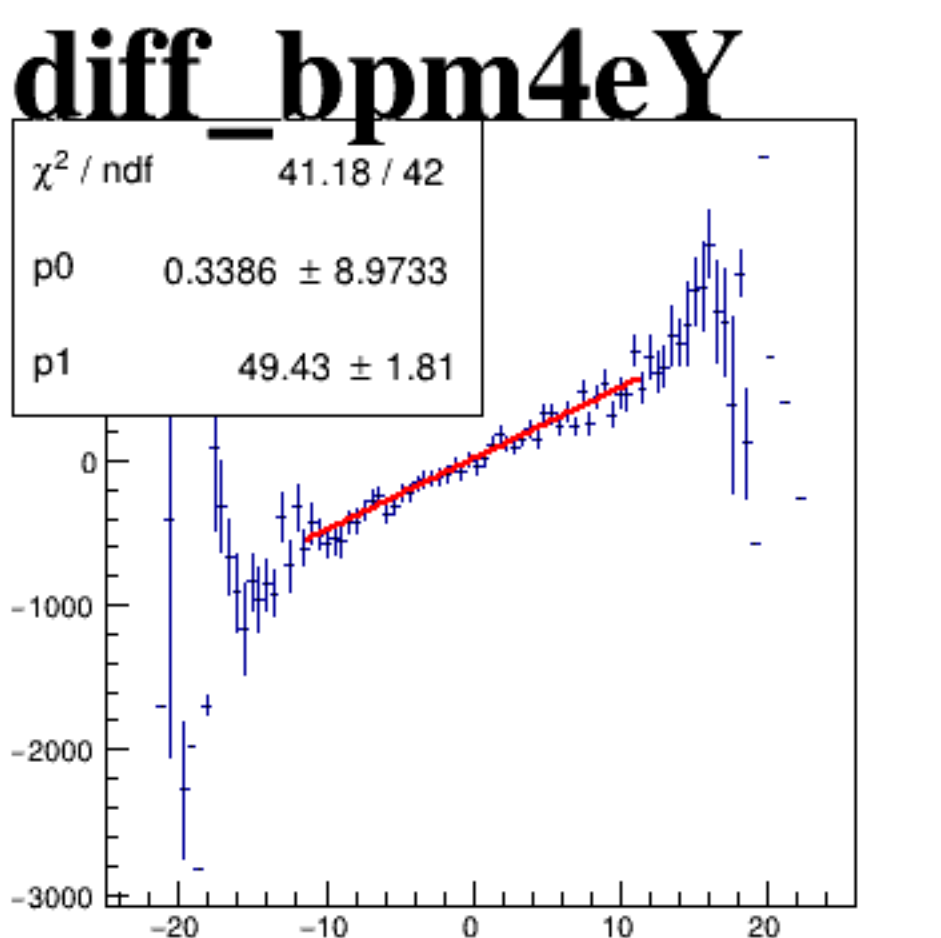
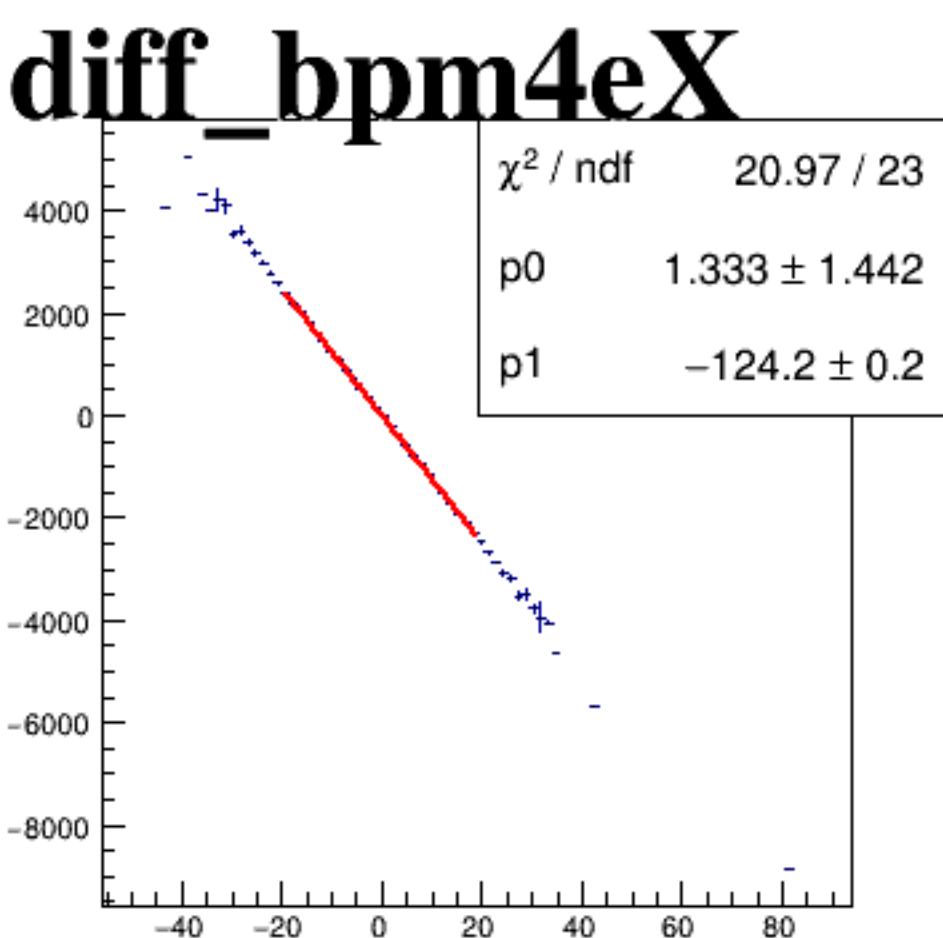
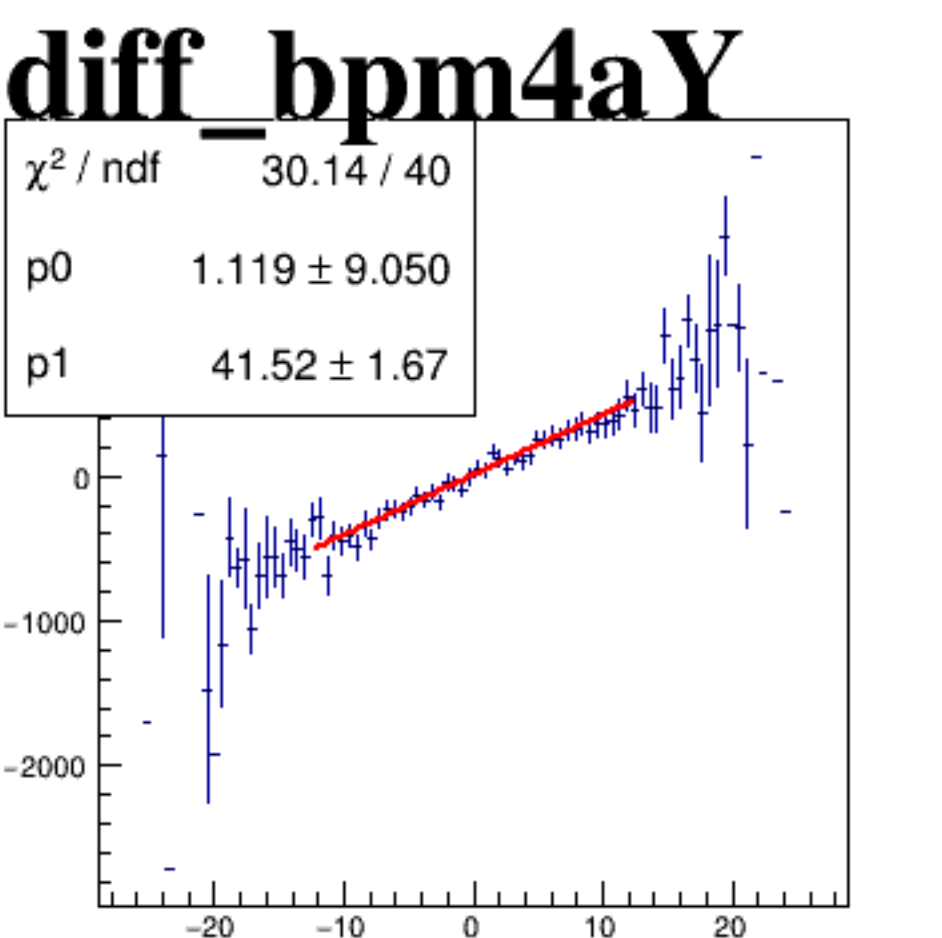
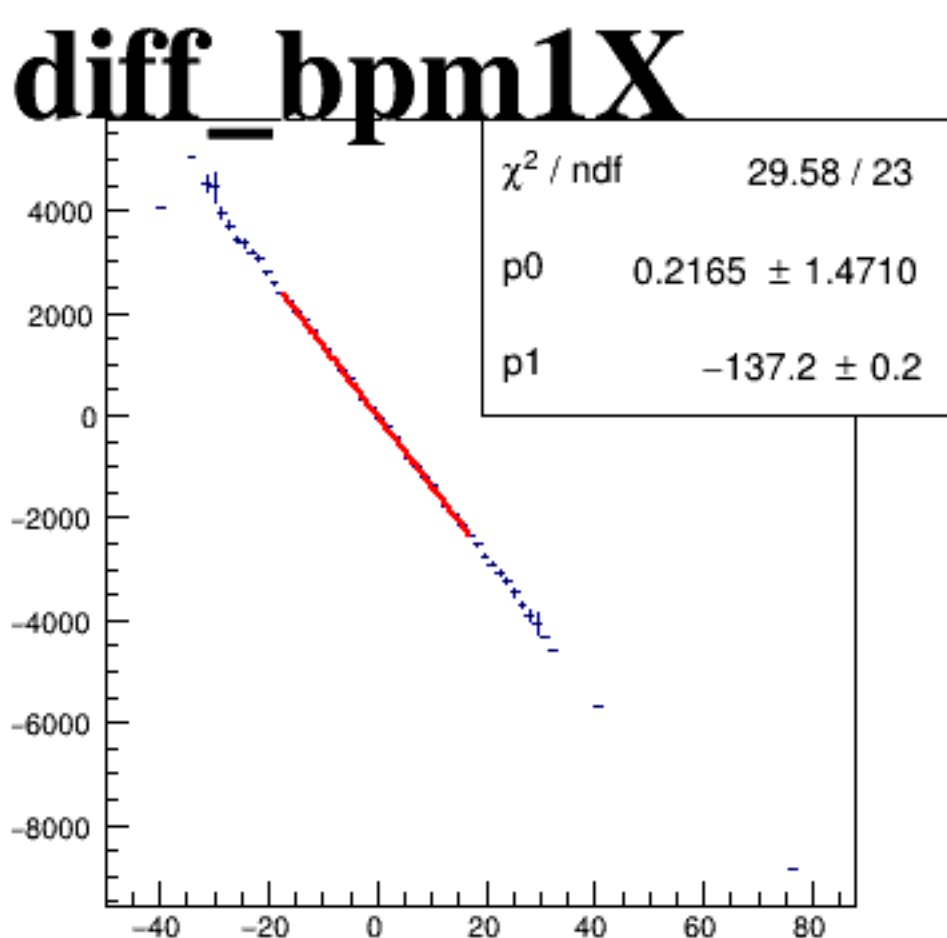
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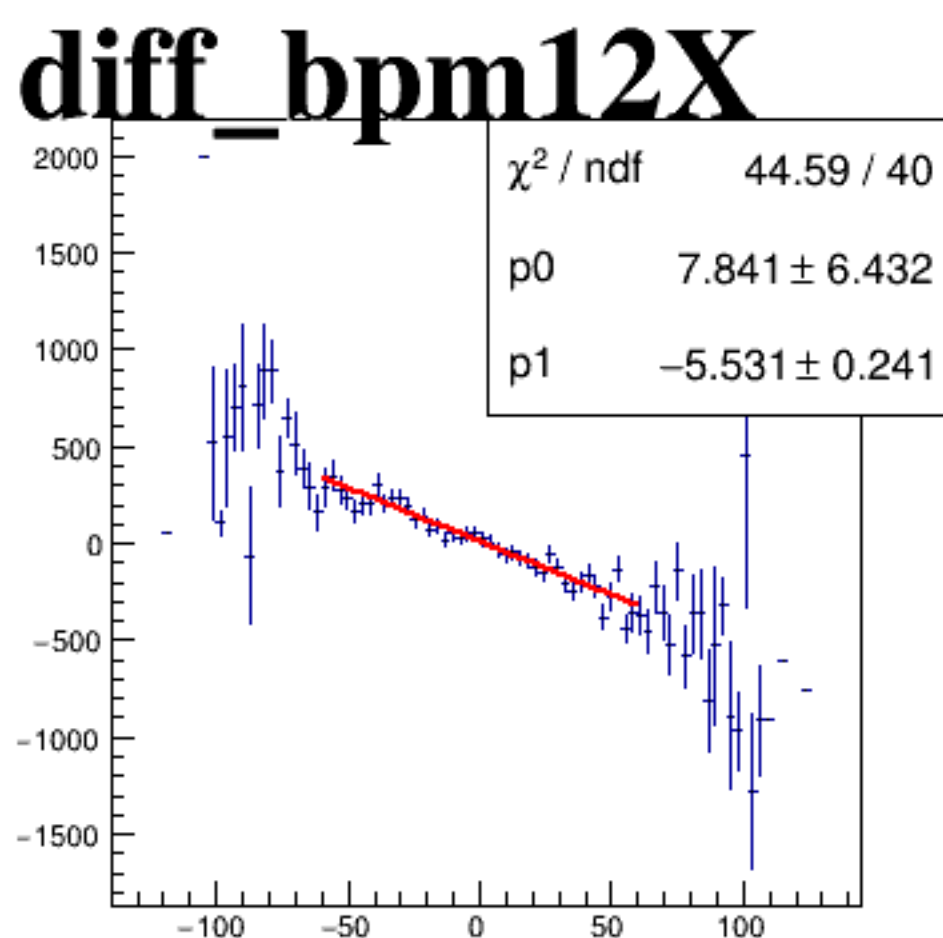
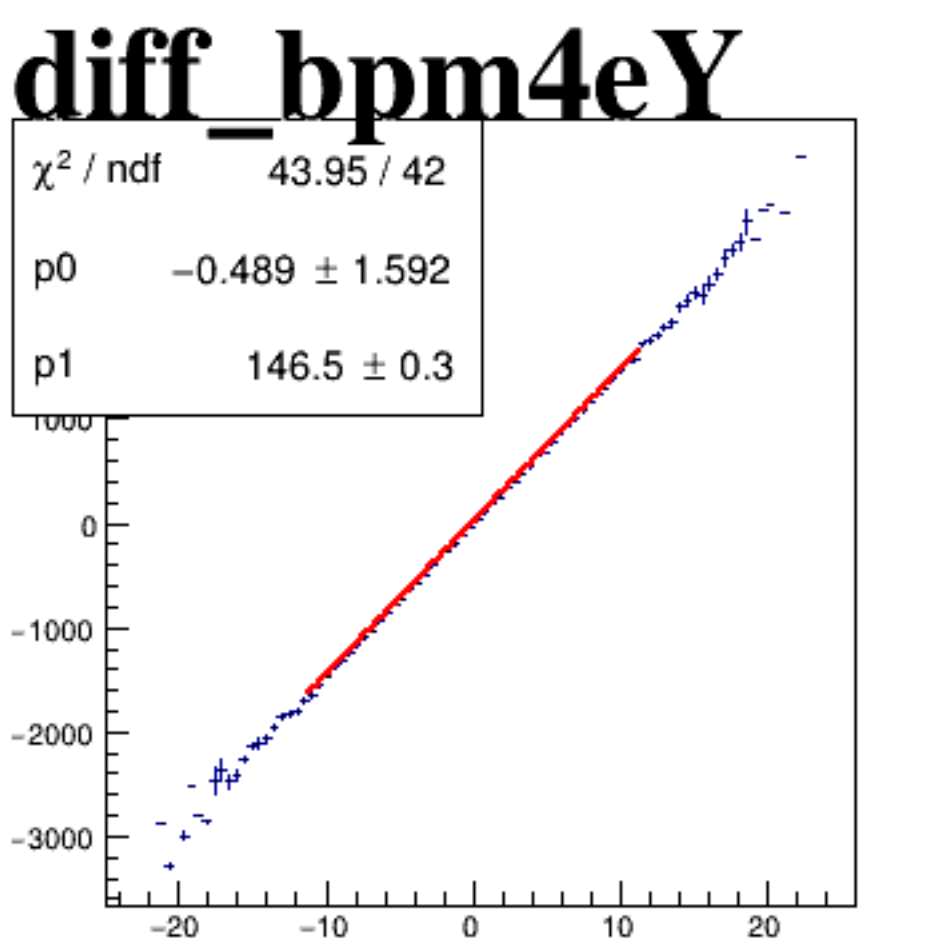
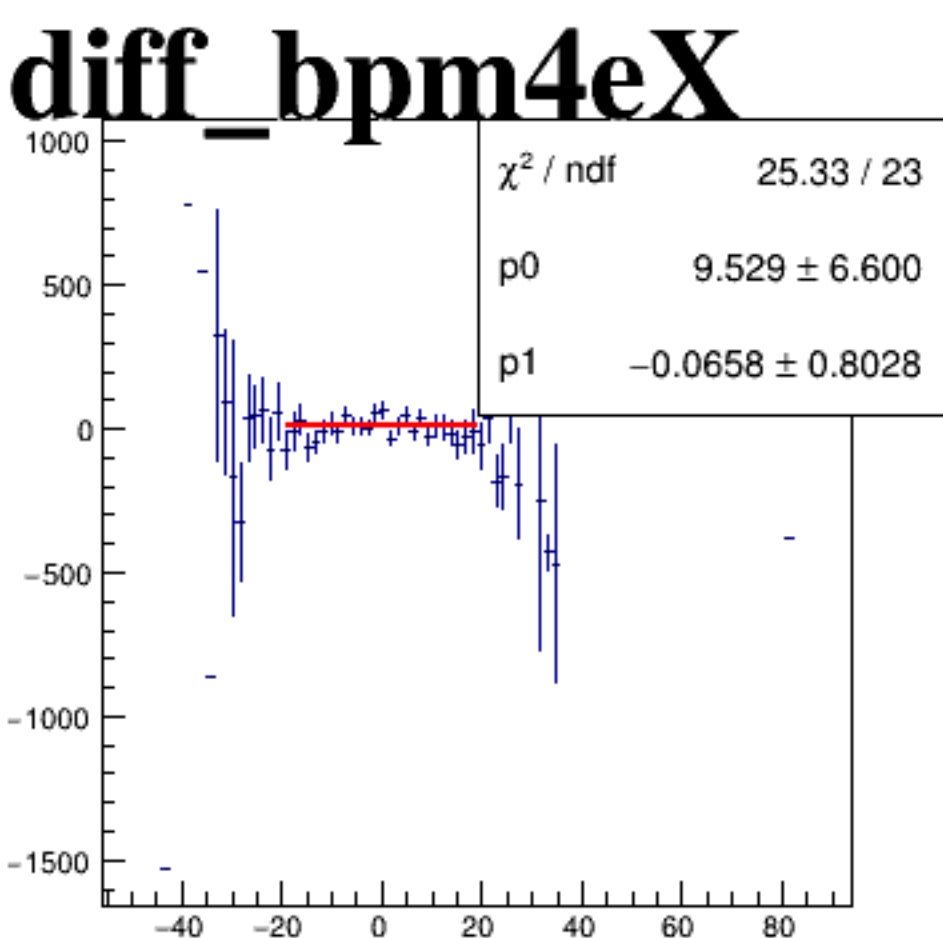
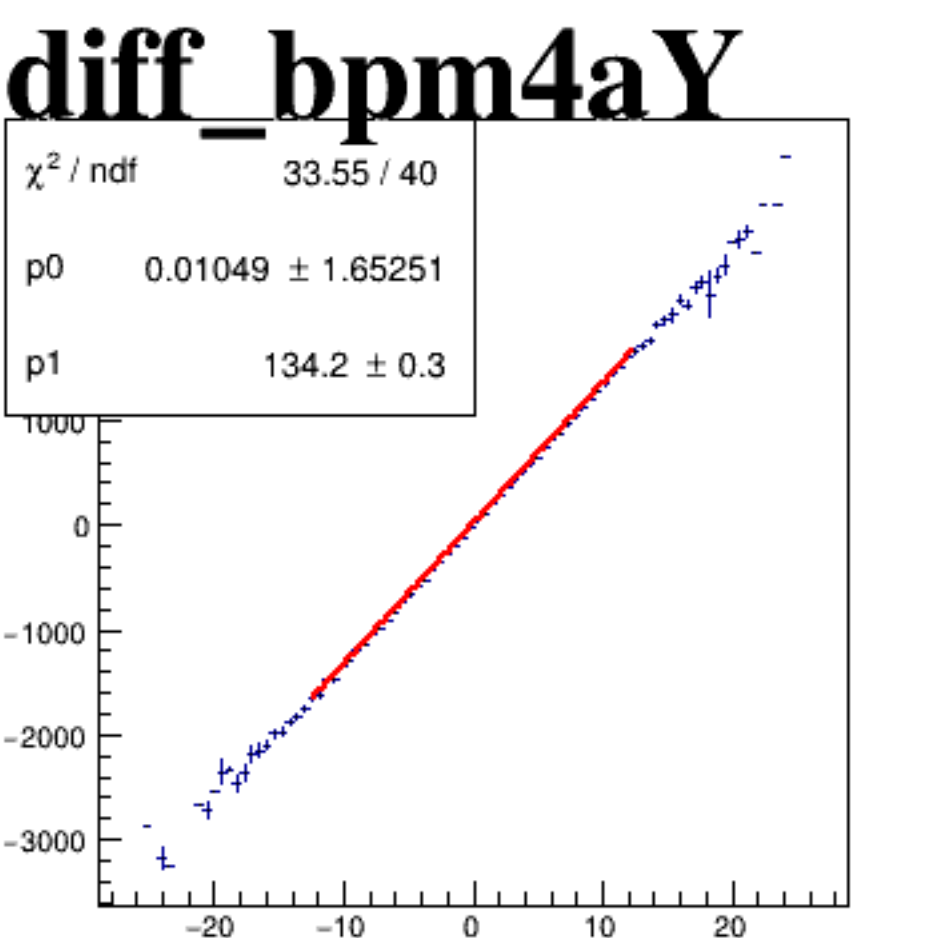
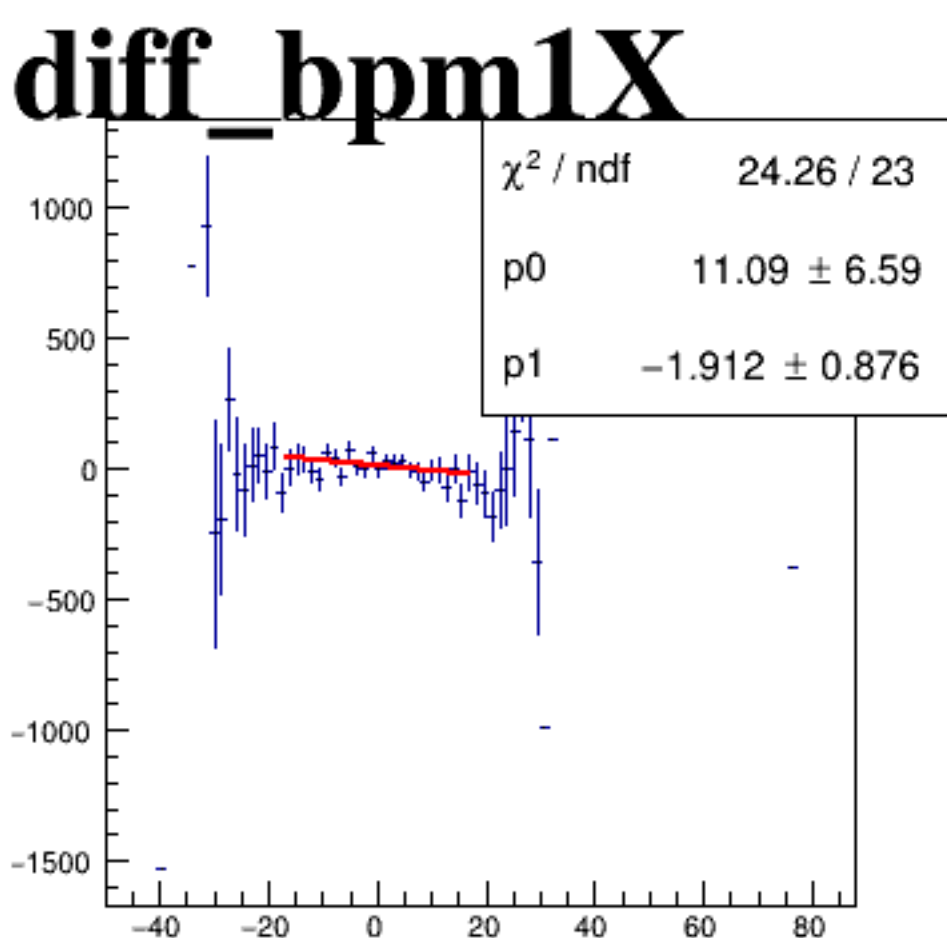
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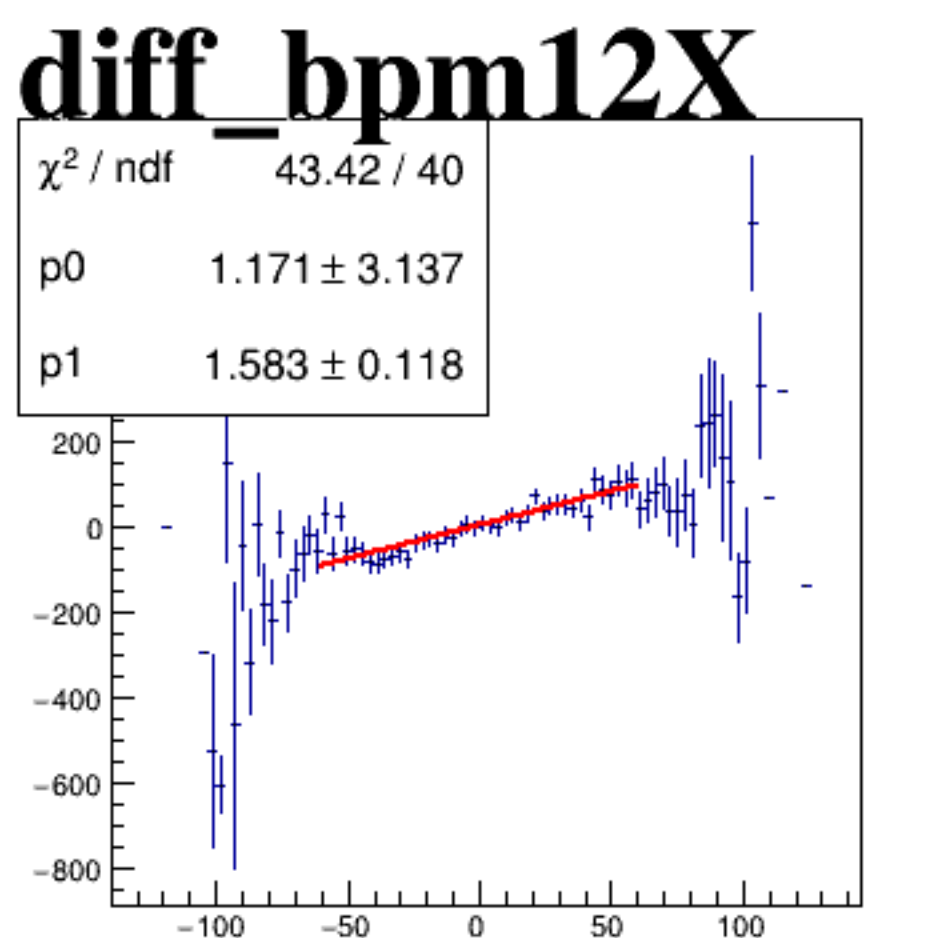
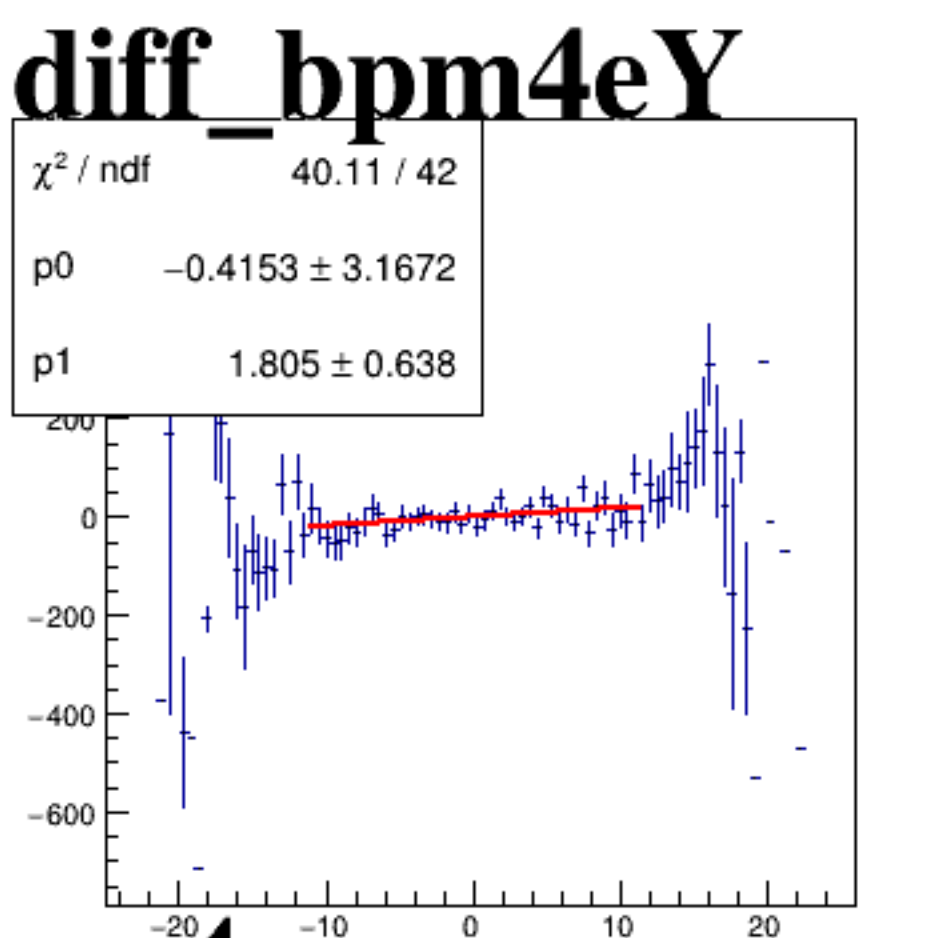
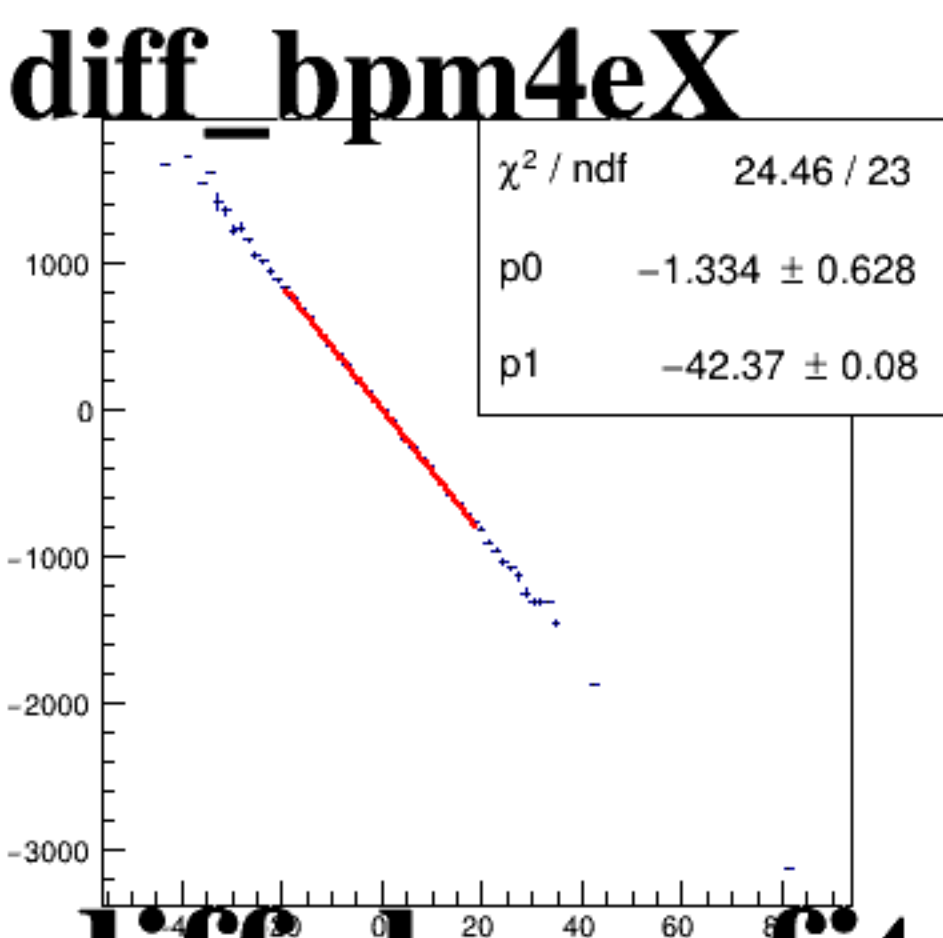
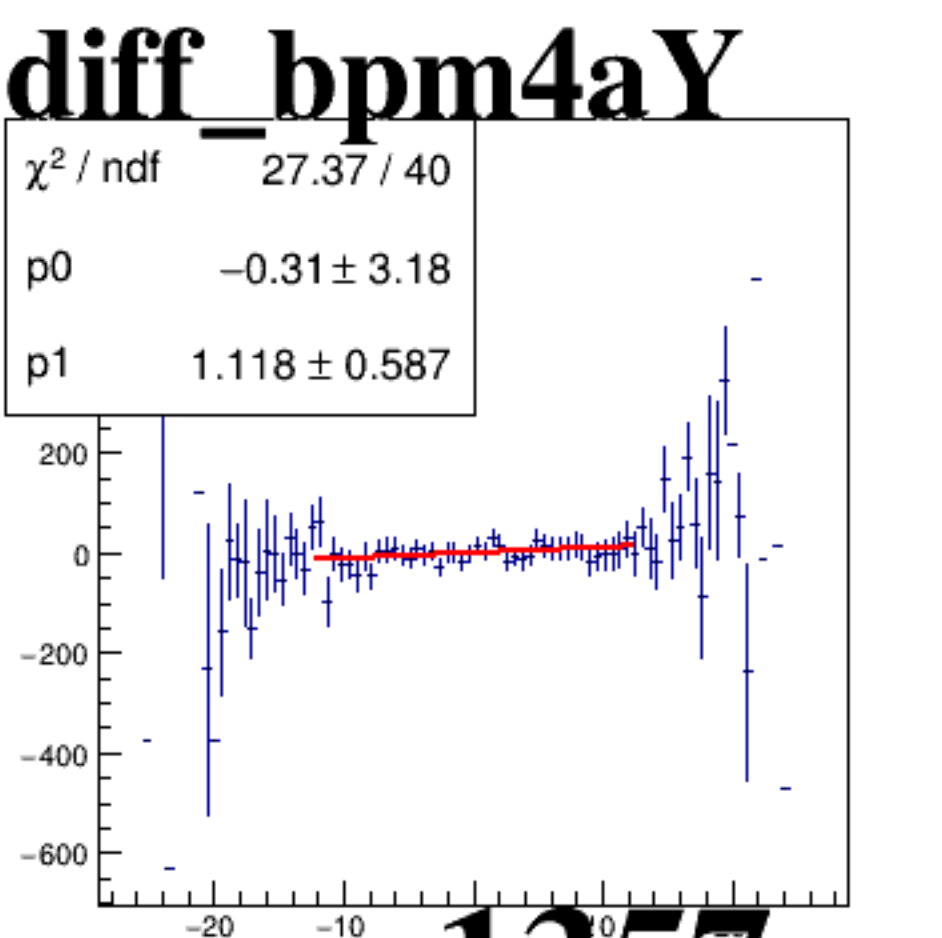
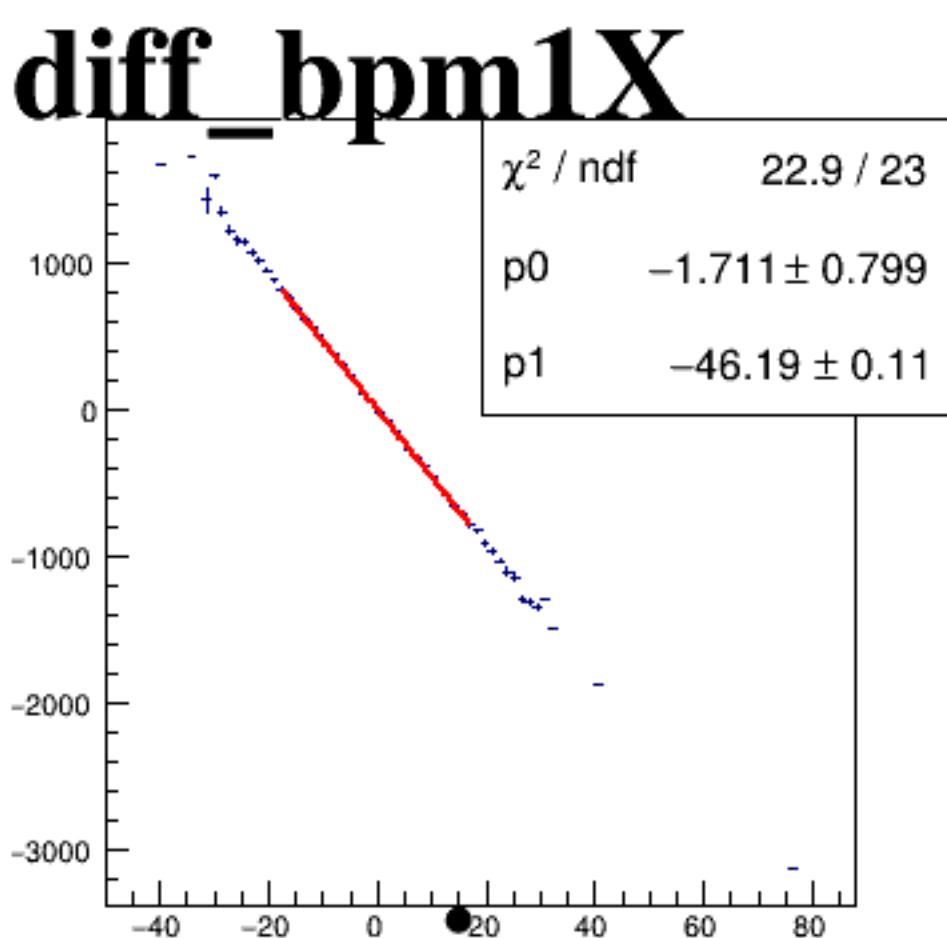
asym_sam3



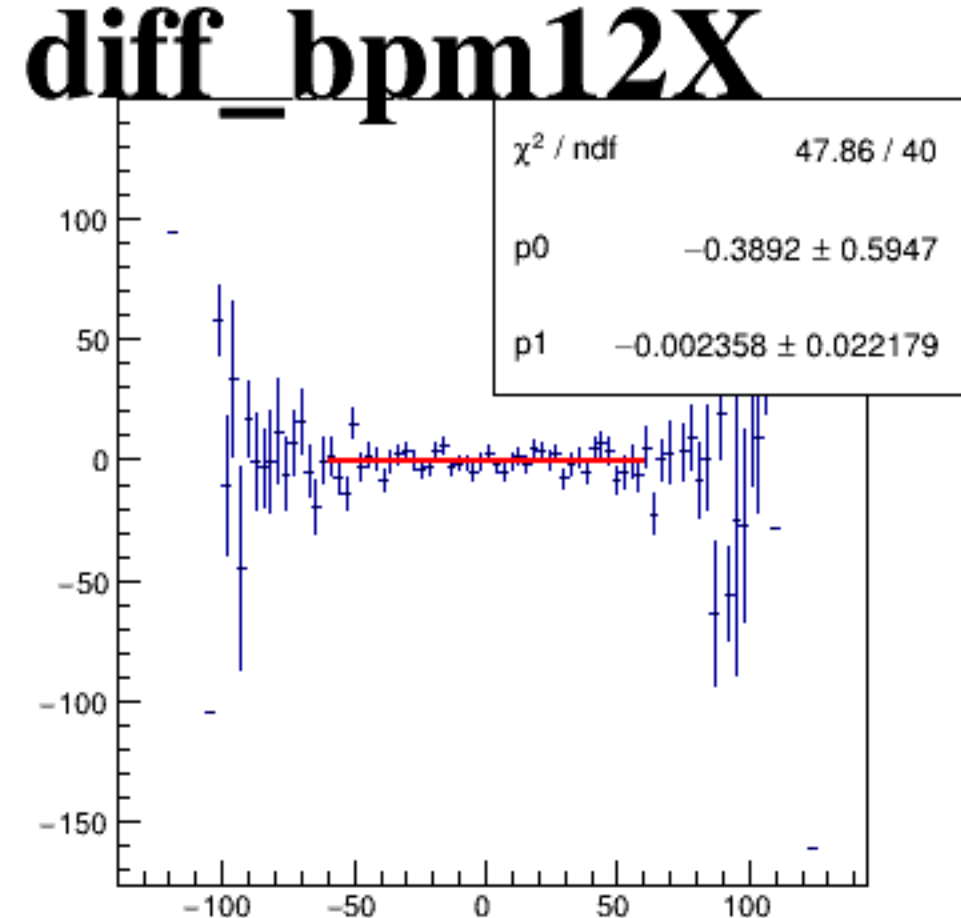
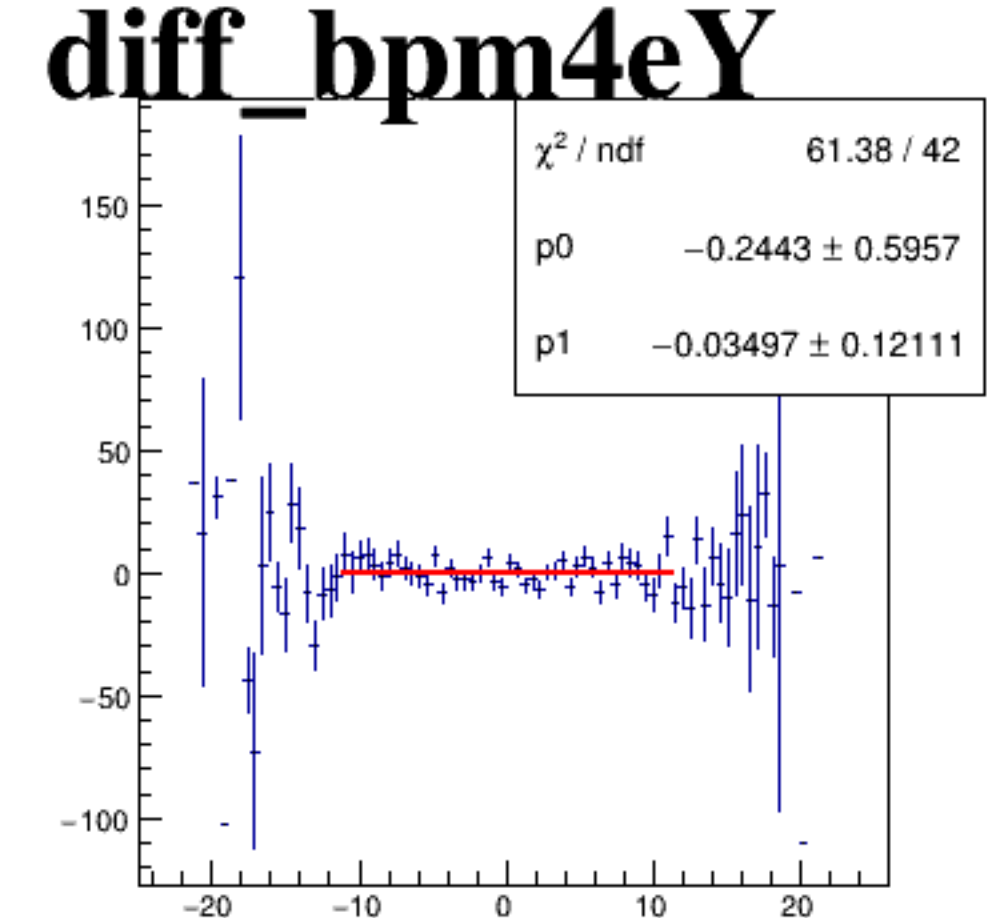
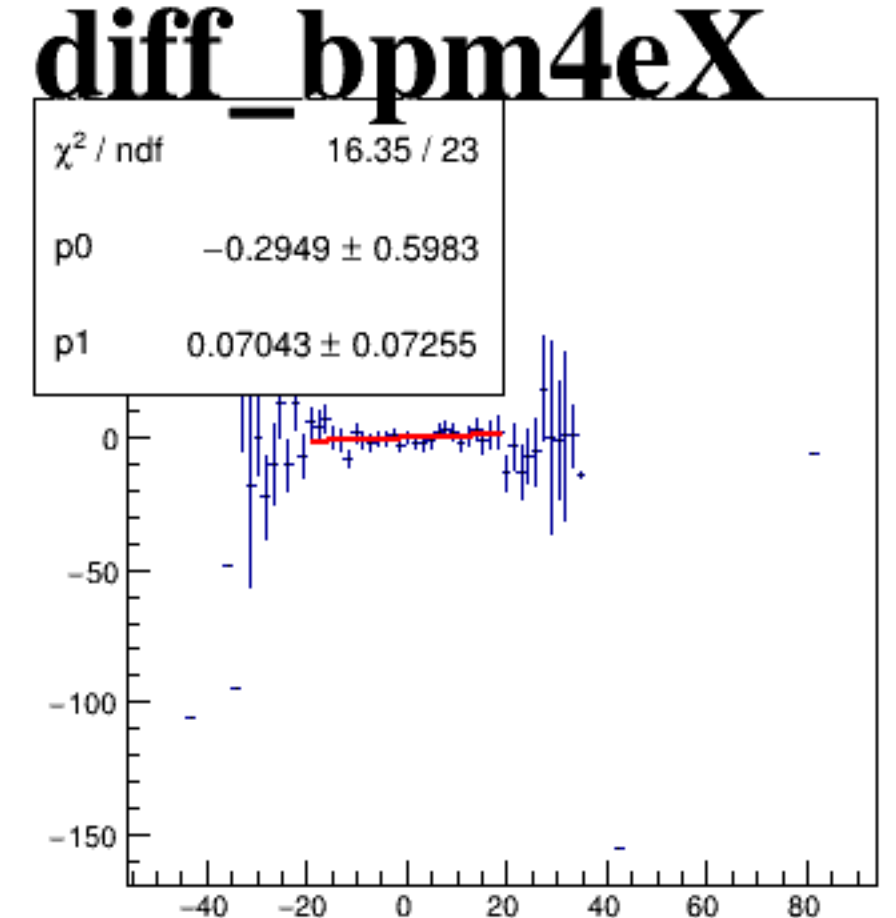
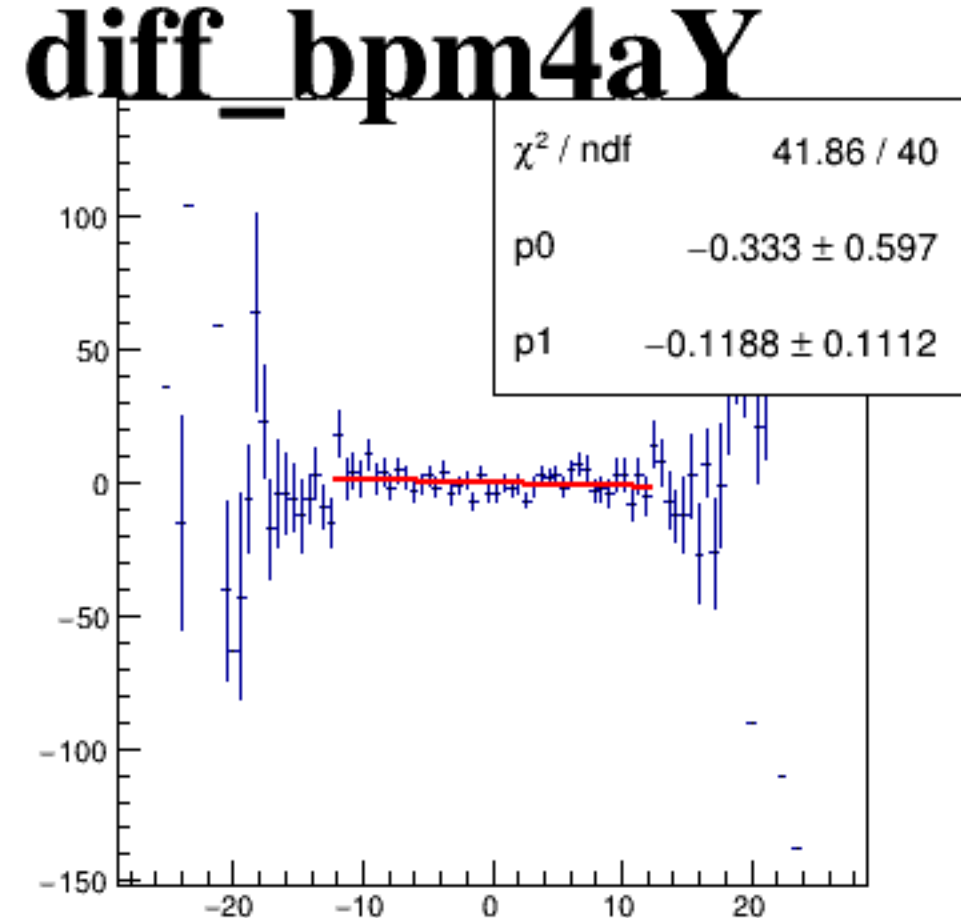
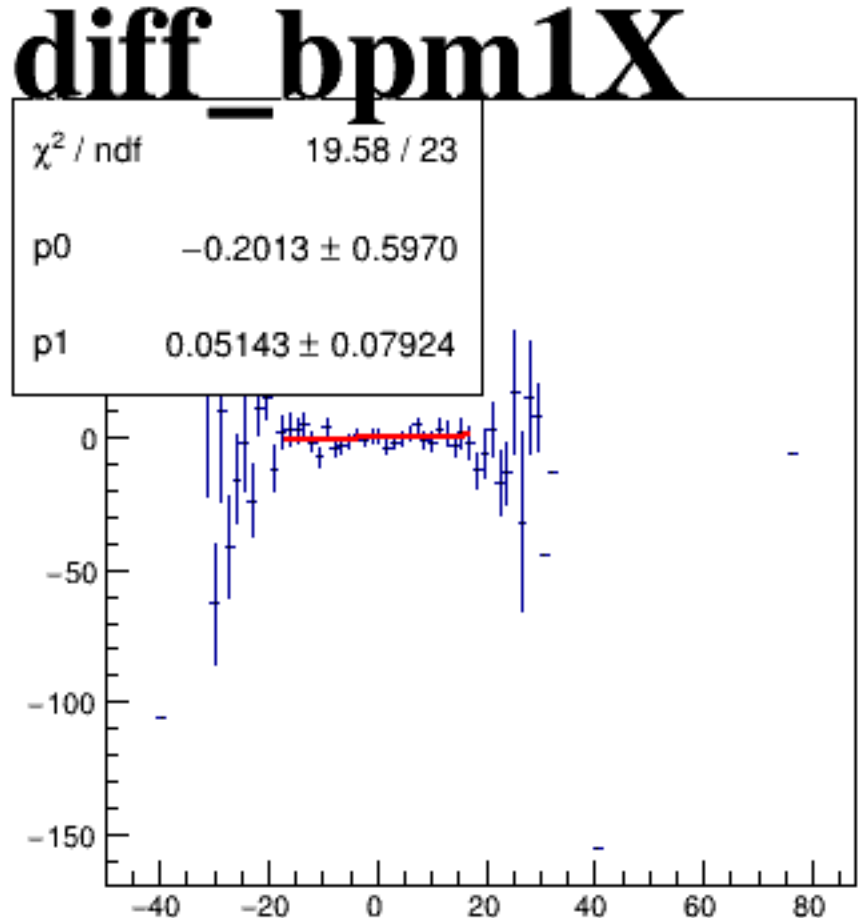
asym_sam5



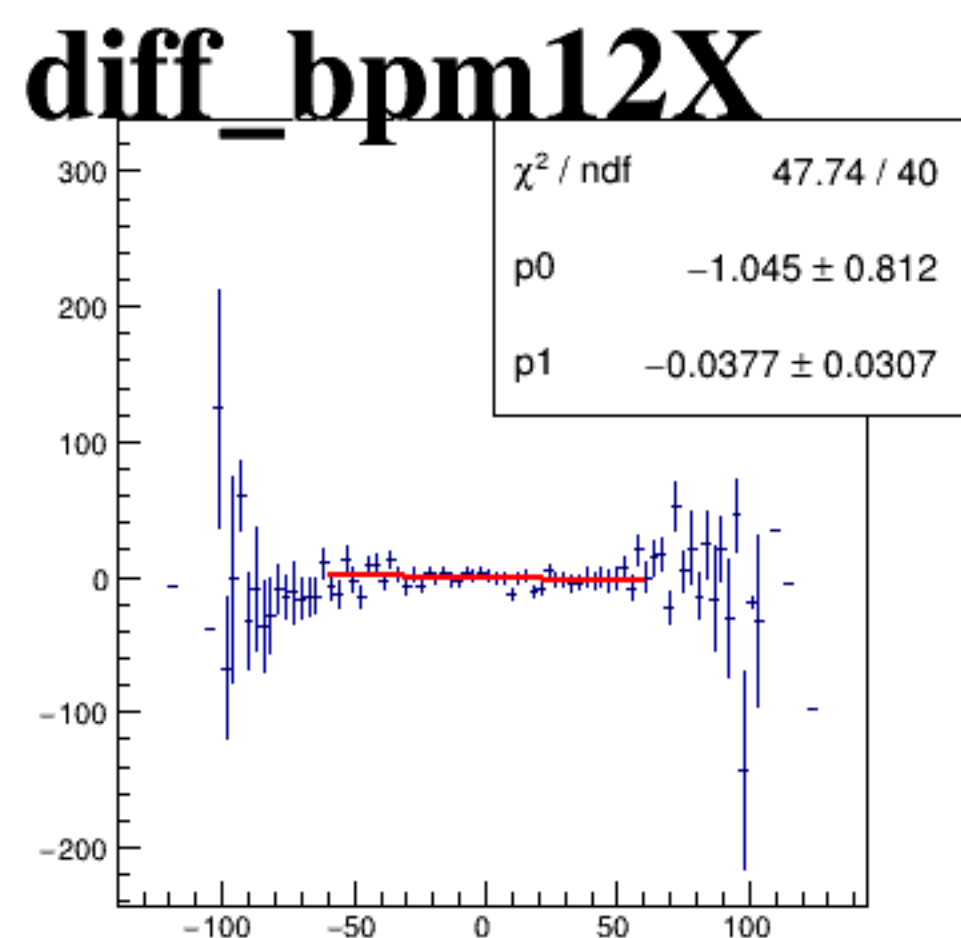
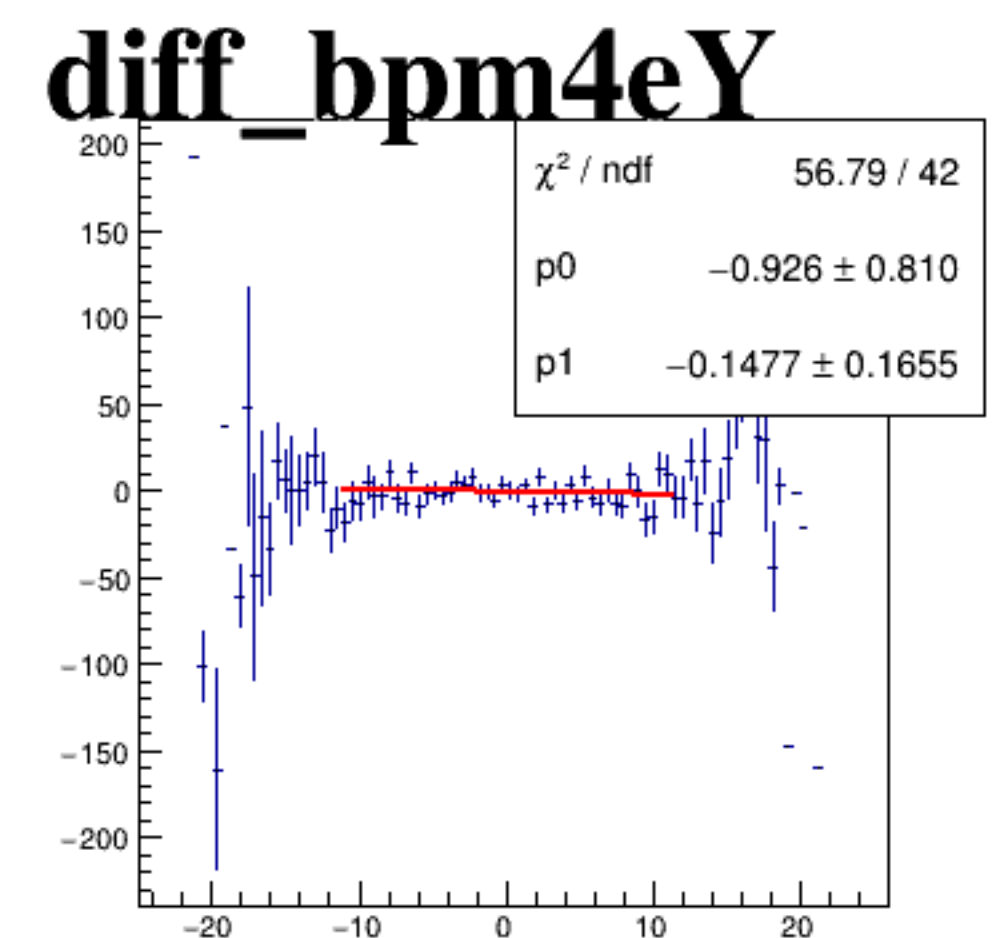
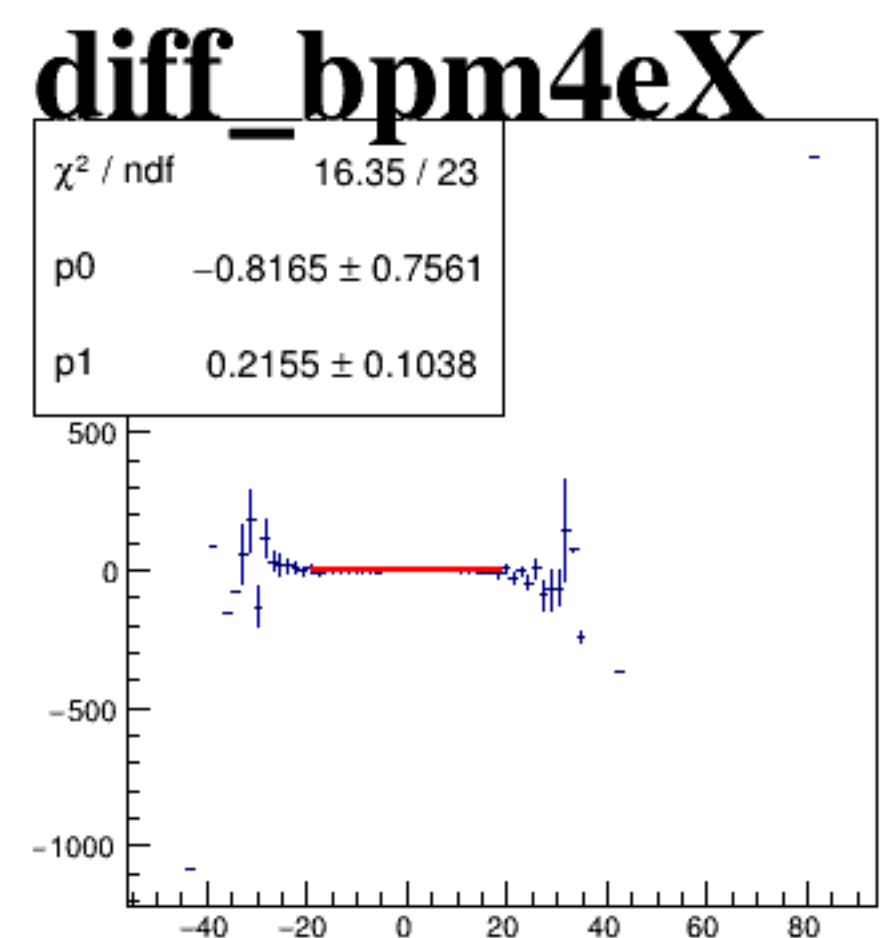
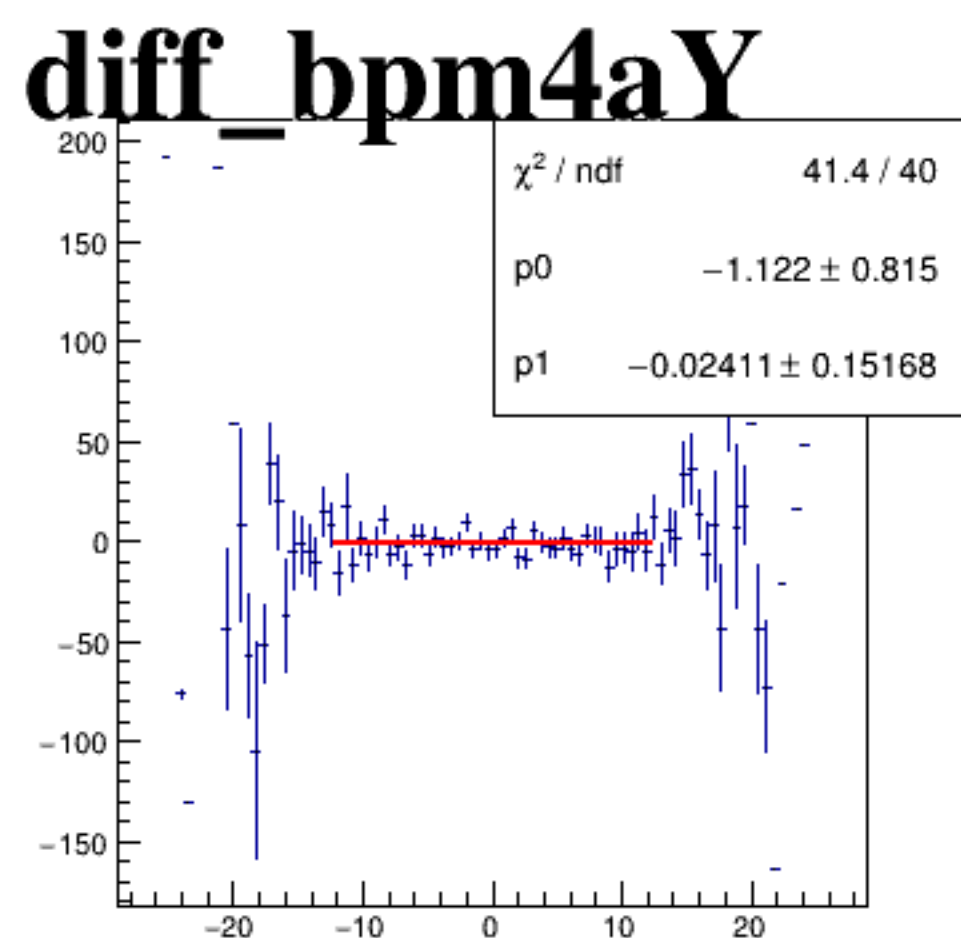
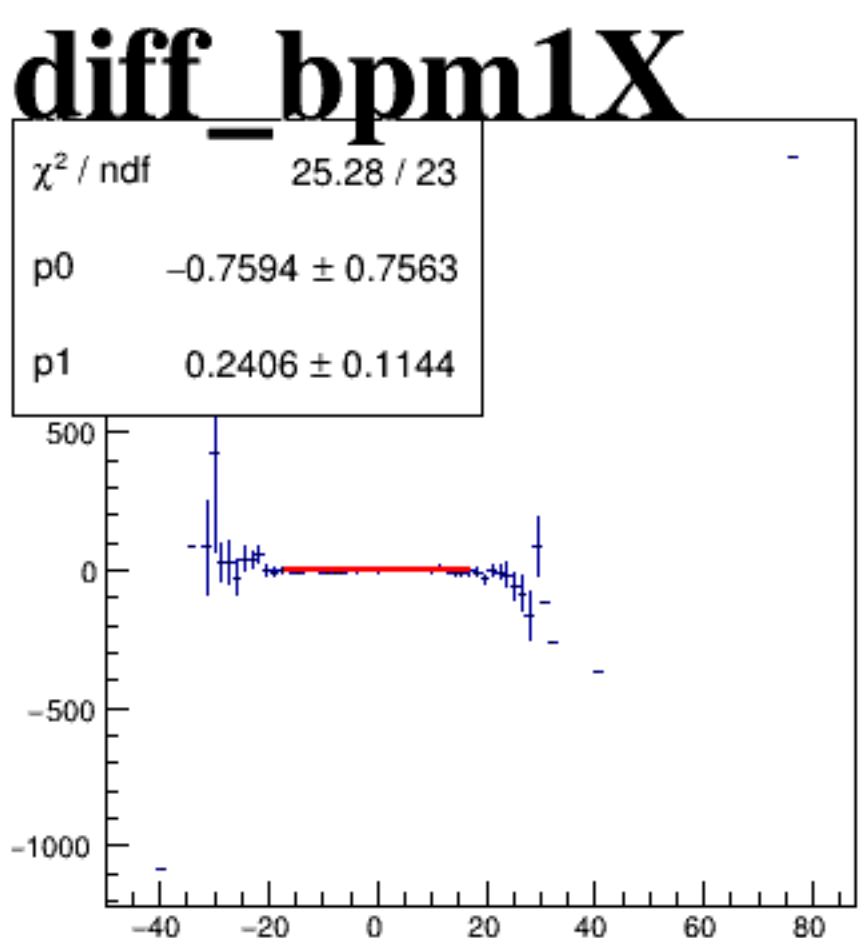
asym_sam7



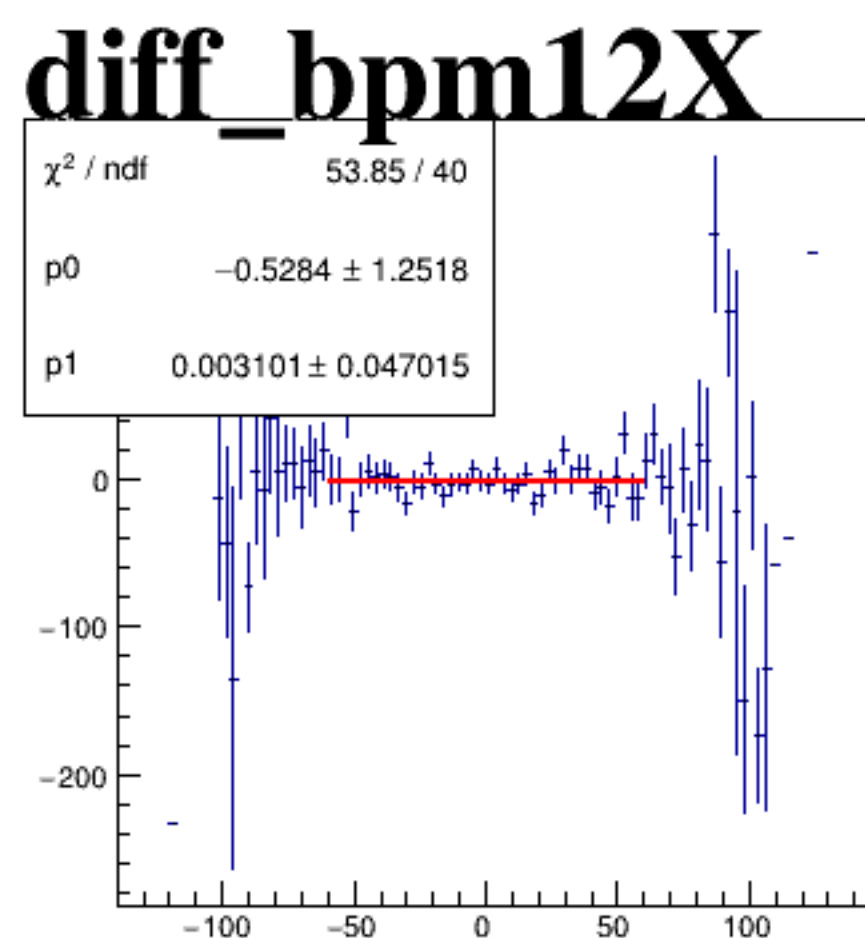
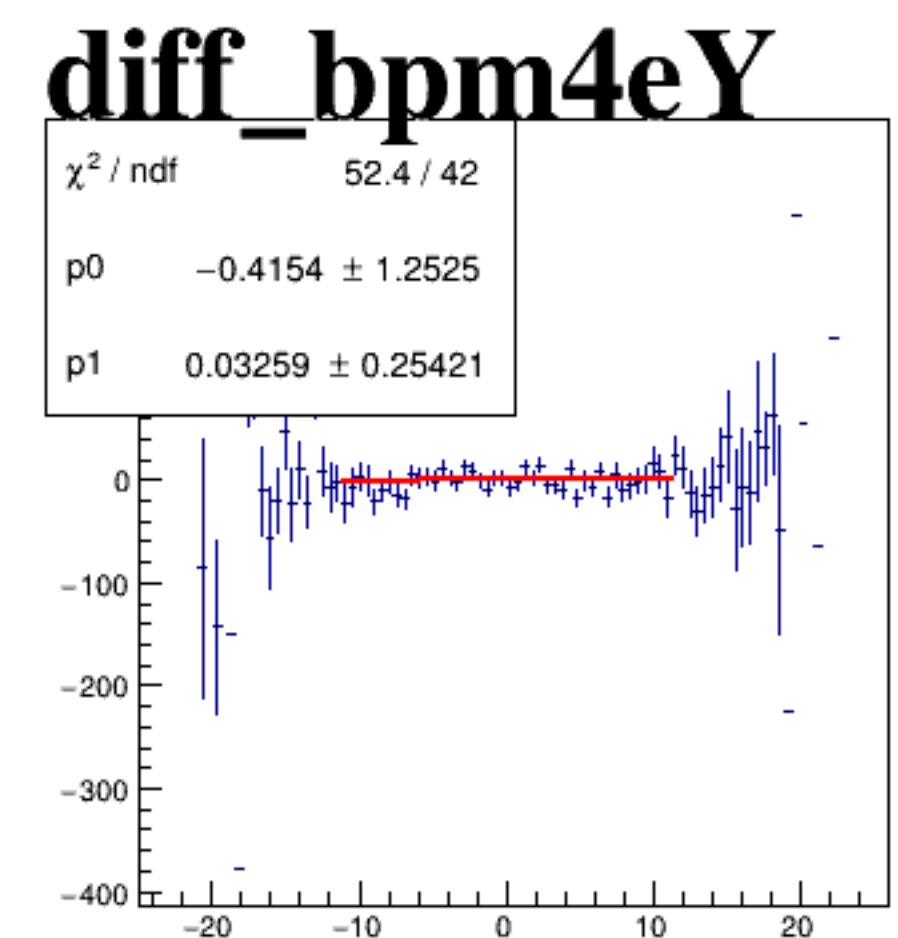
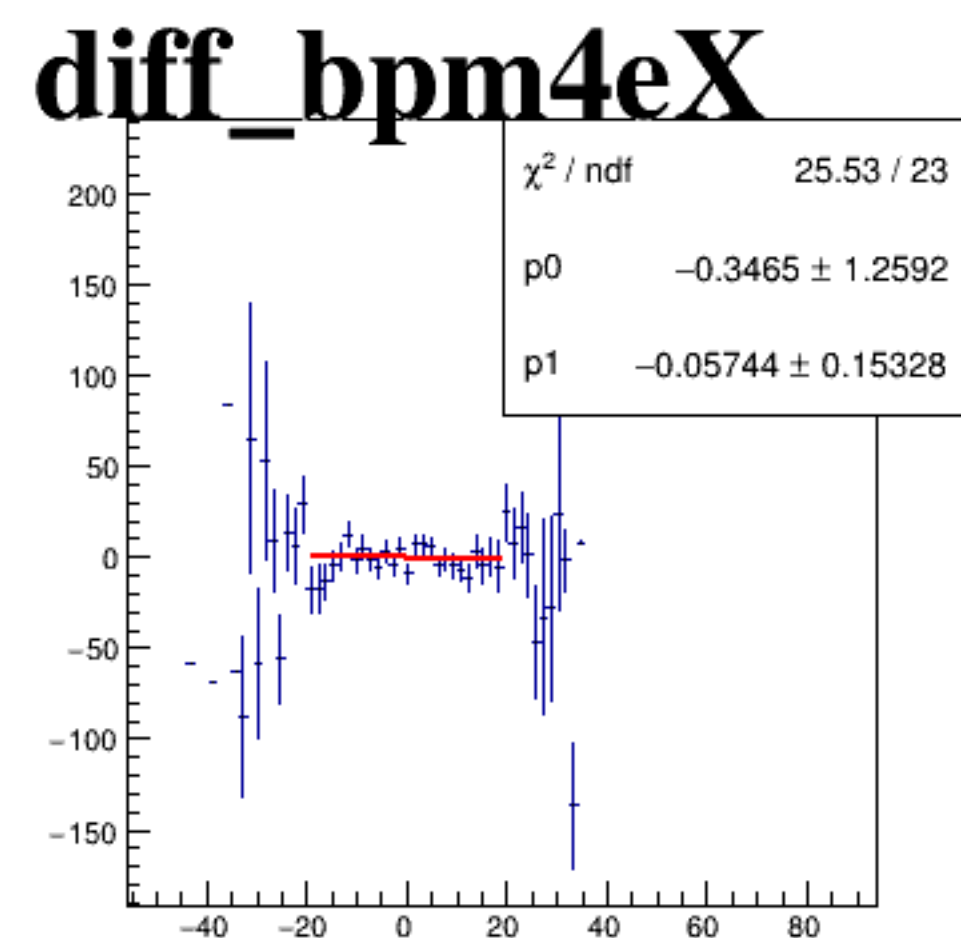
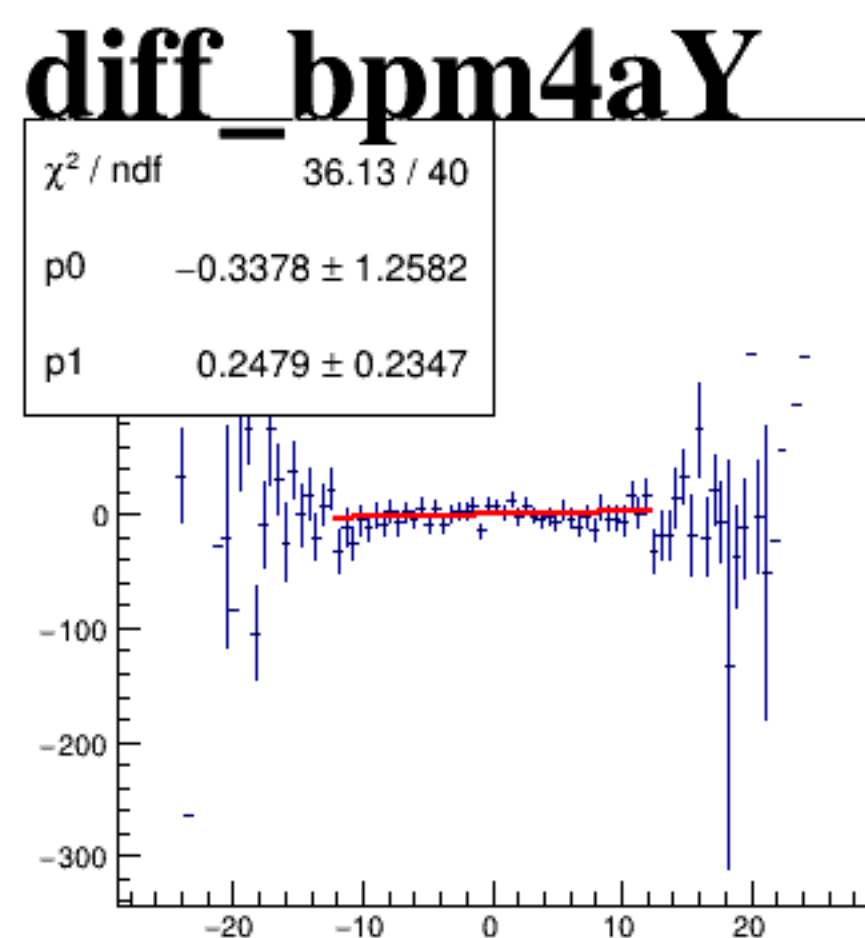
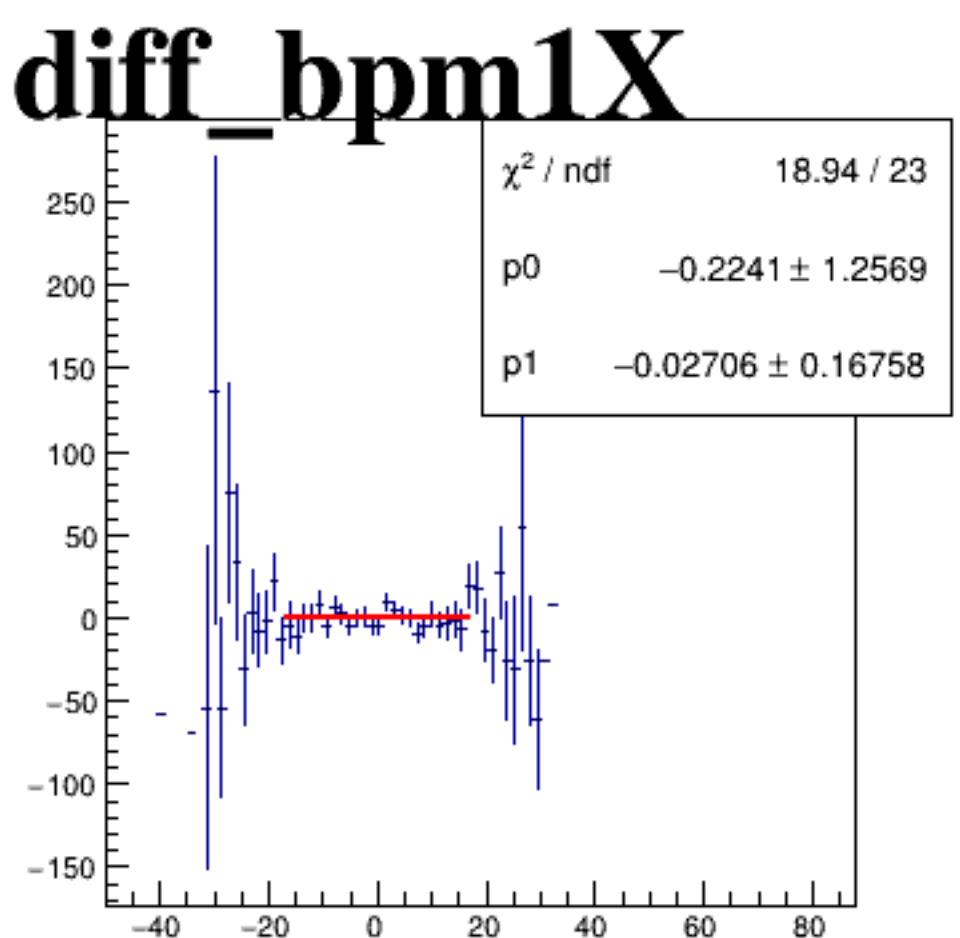
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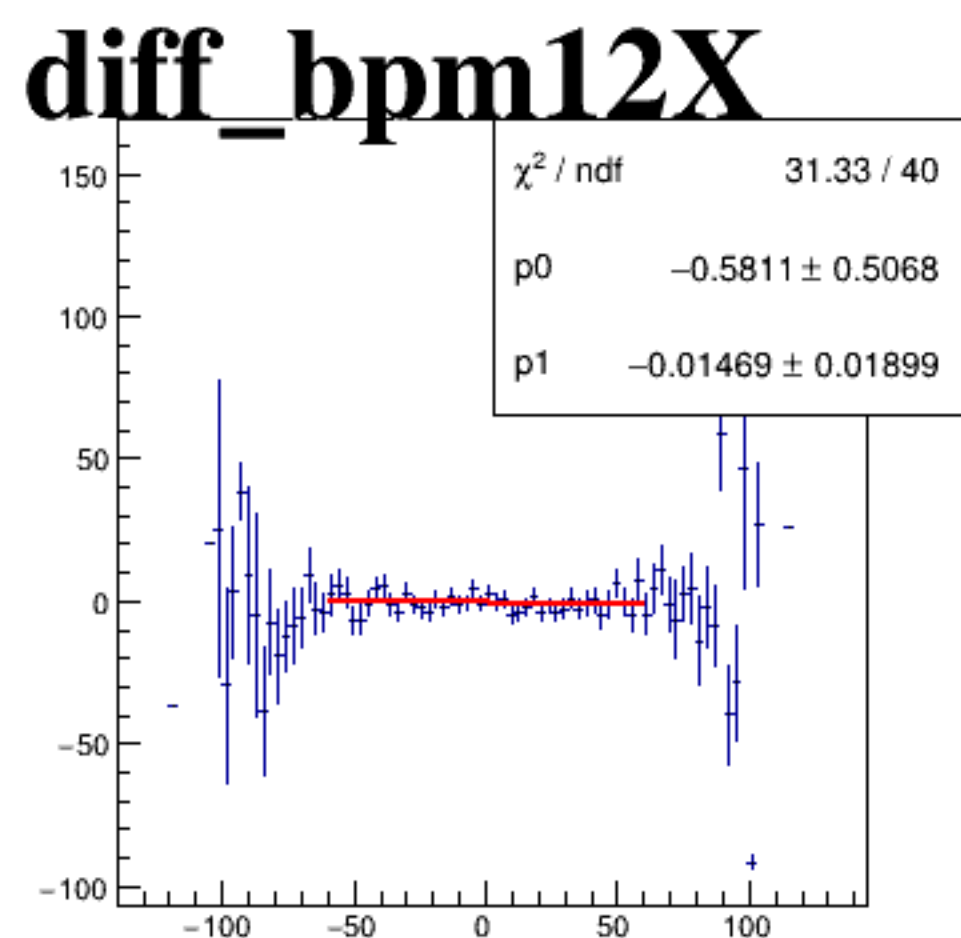
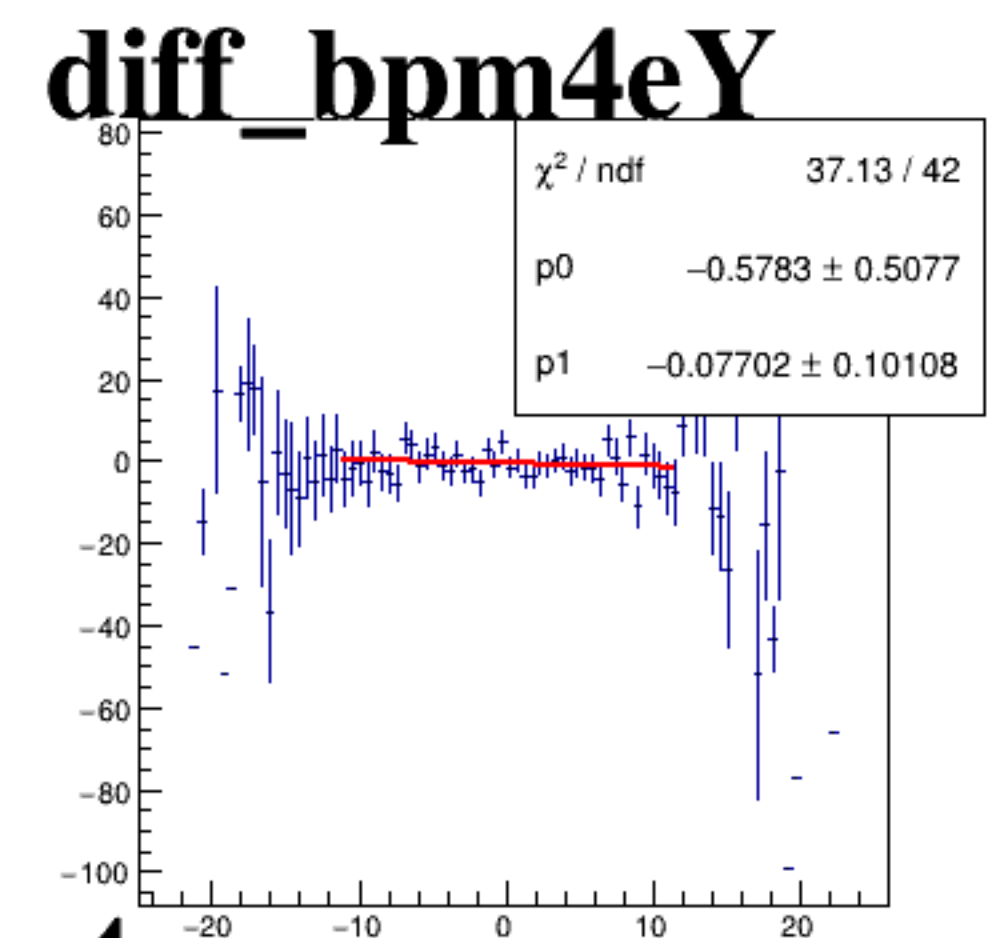
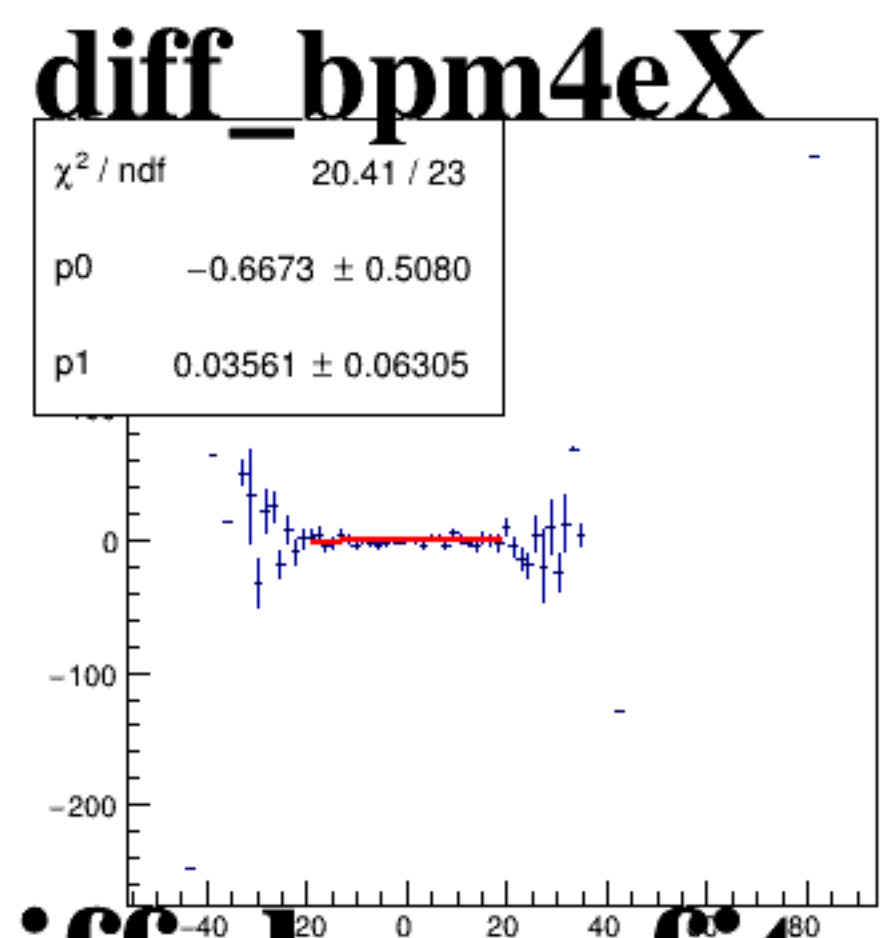
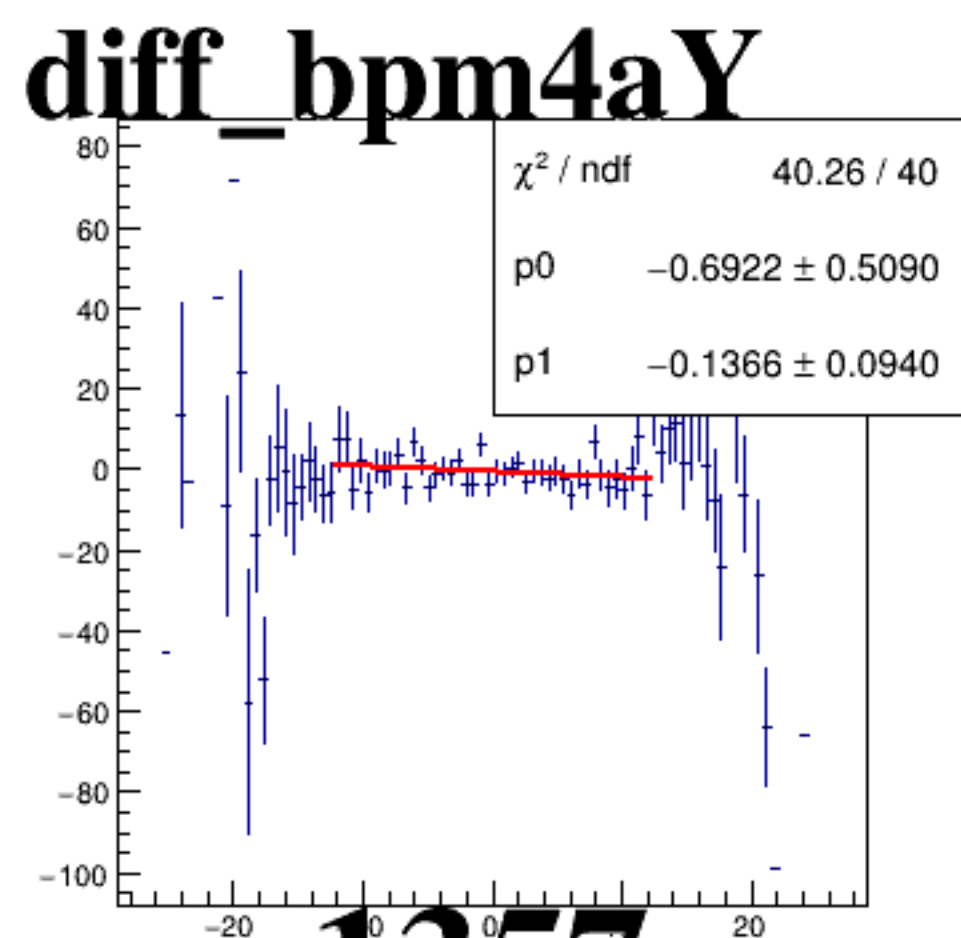
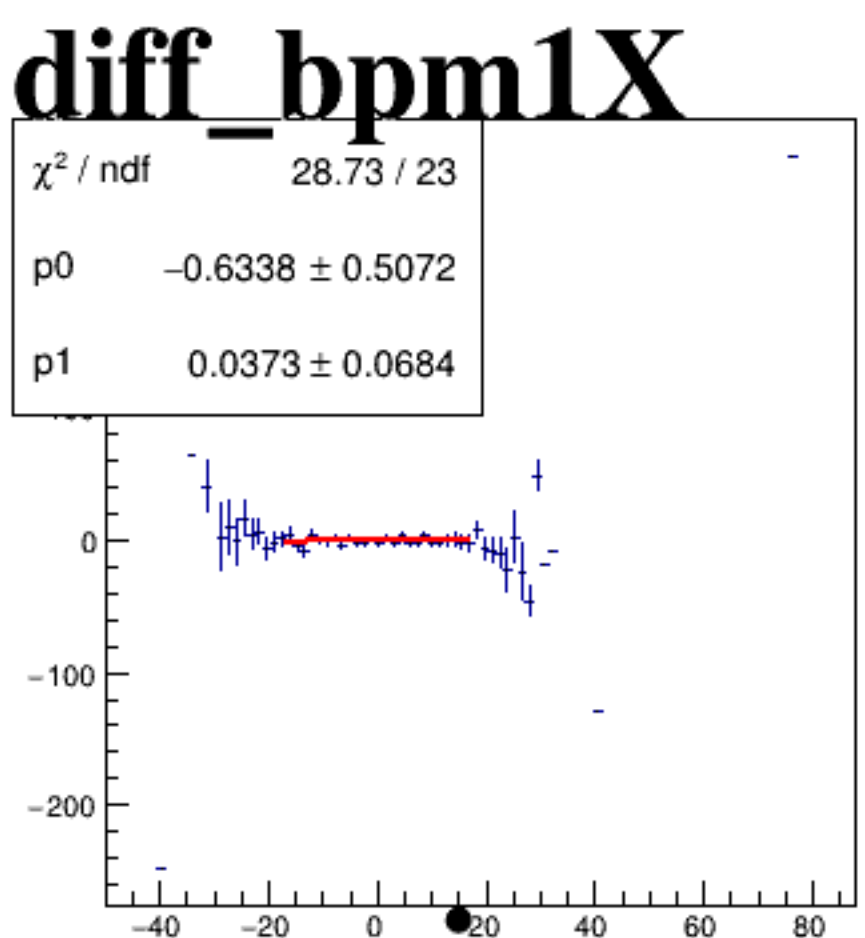
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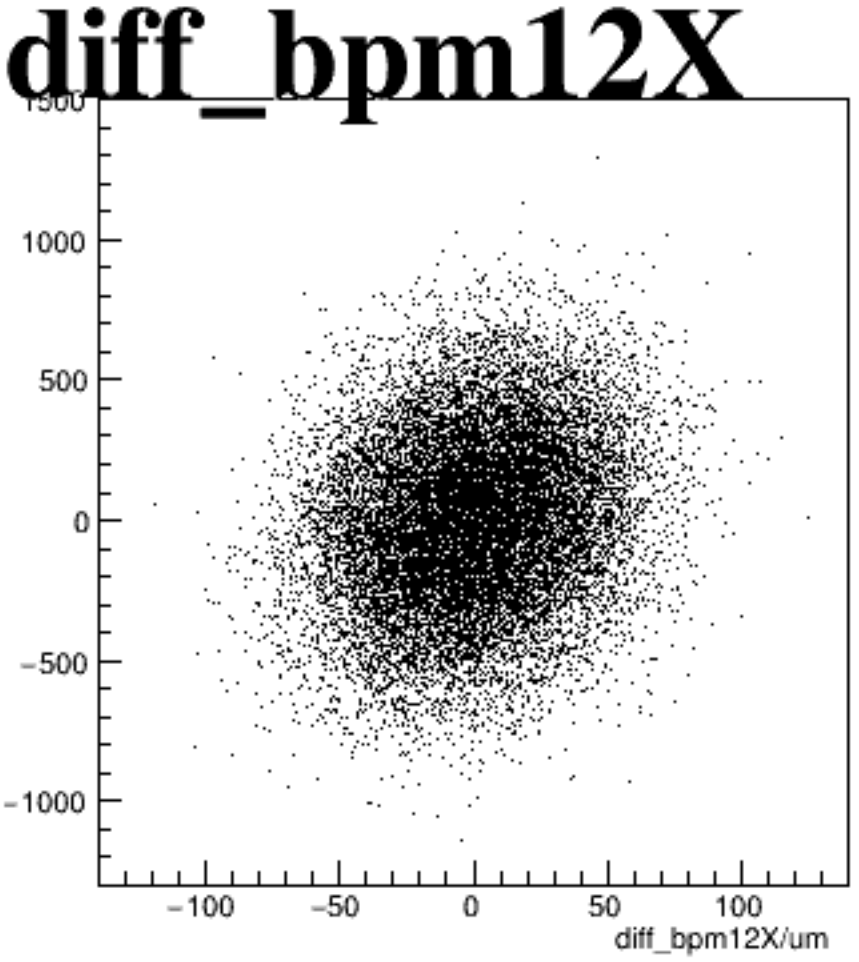
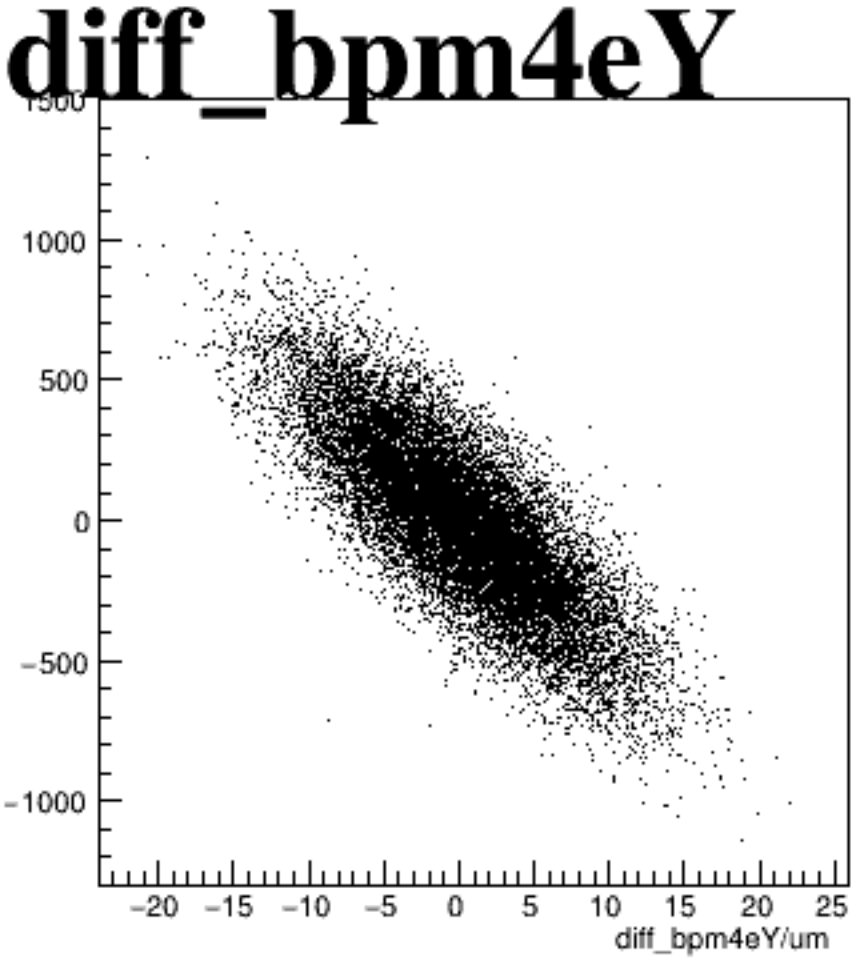
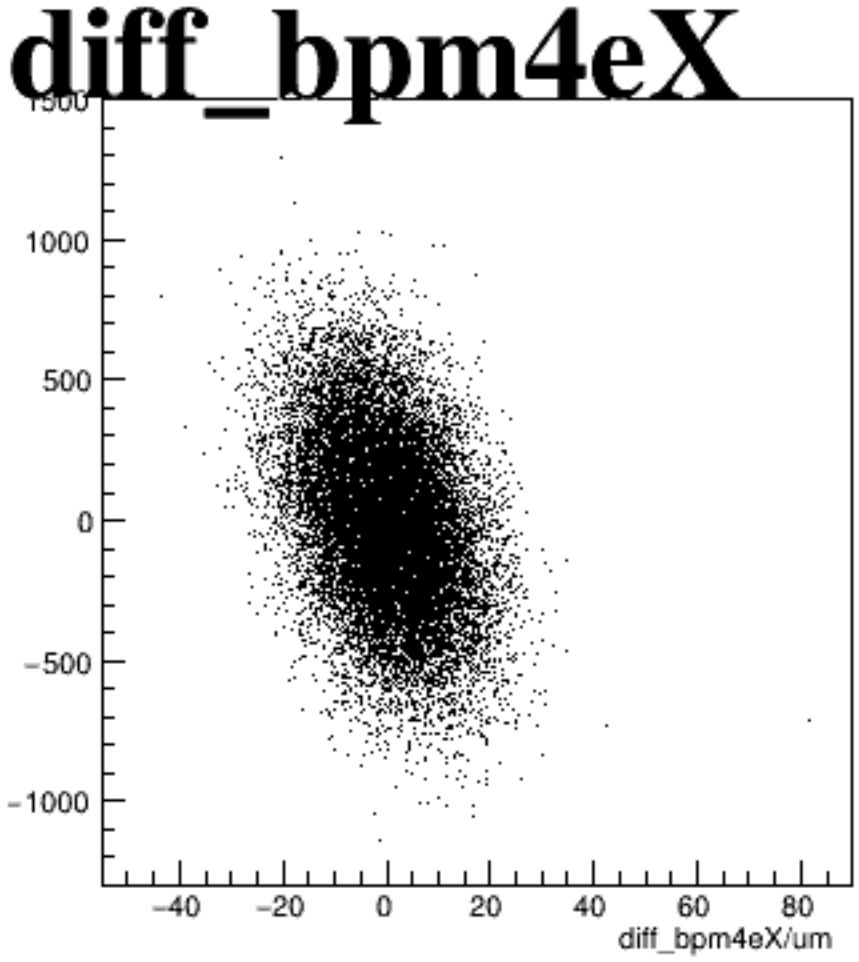
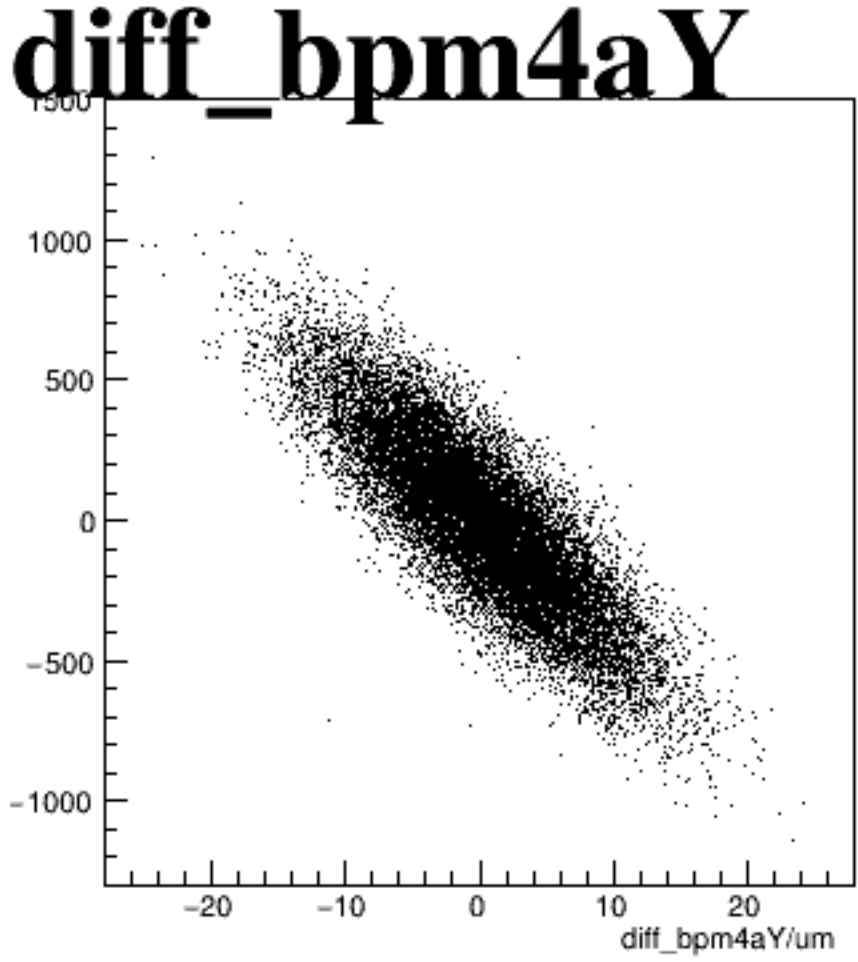
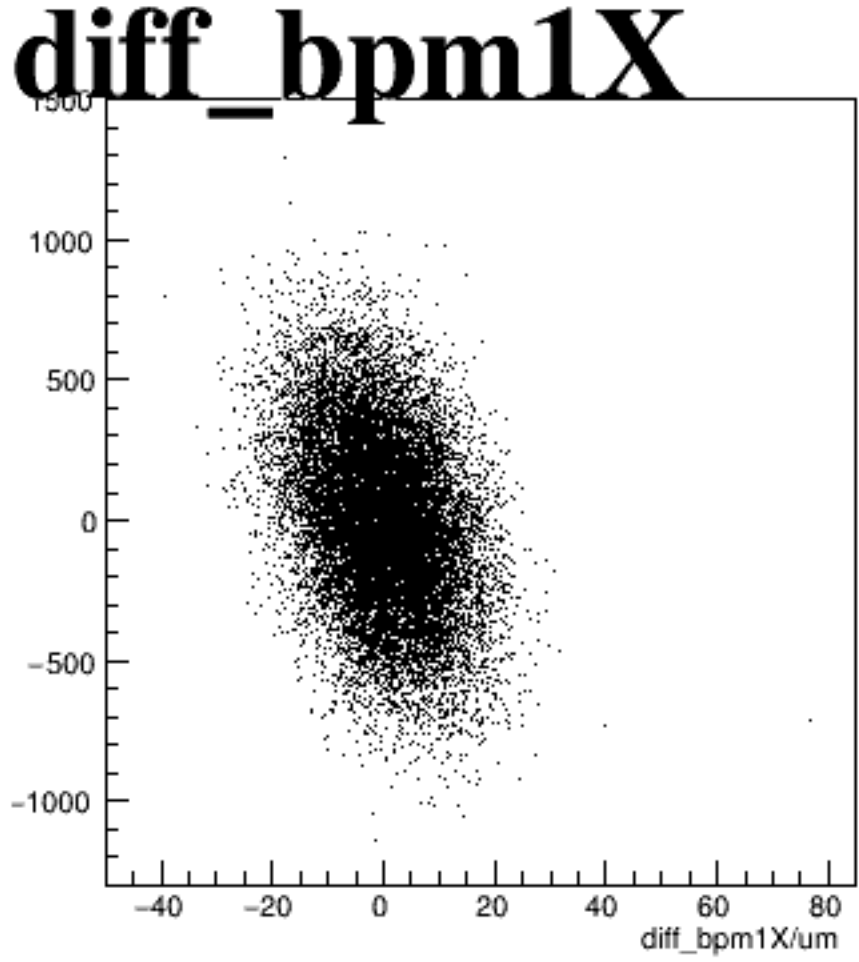
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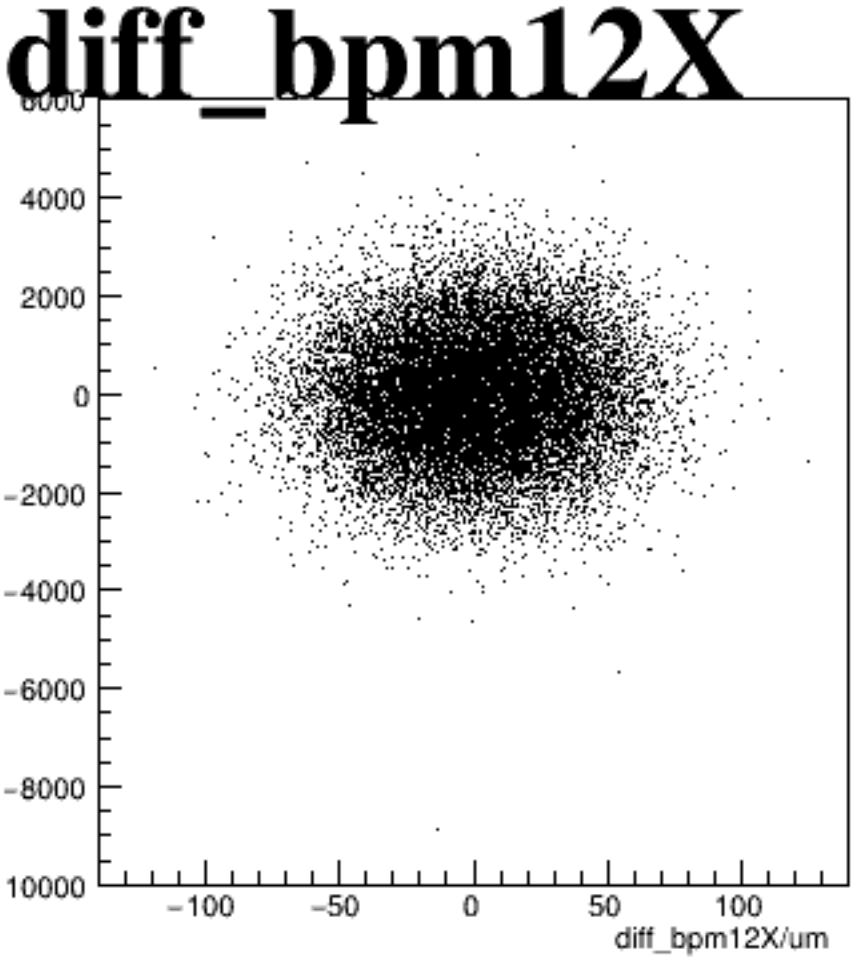
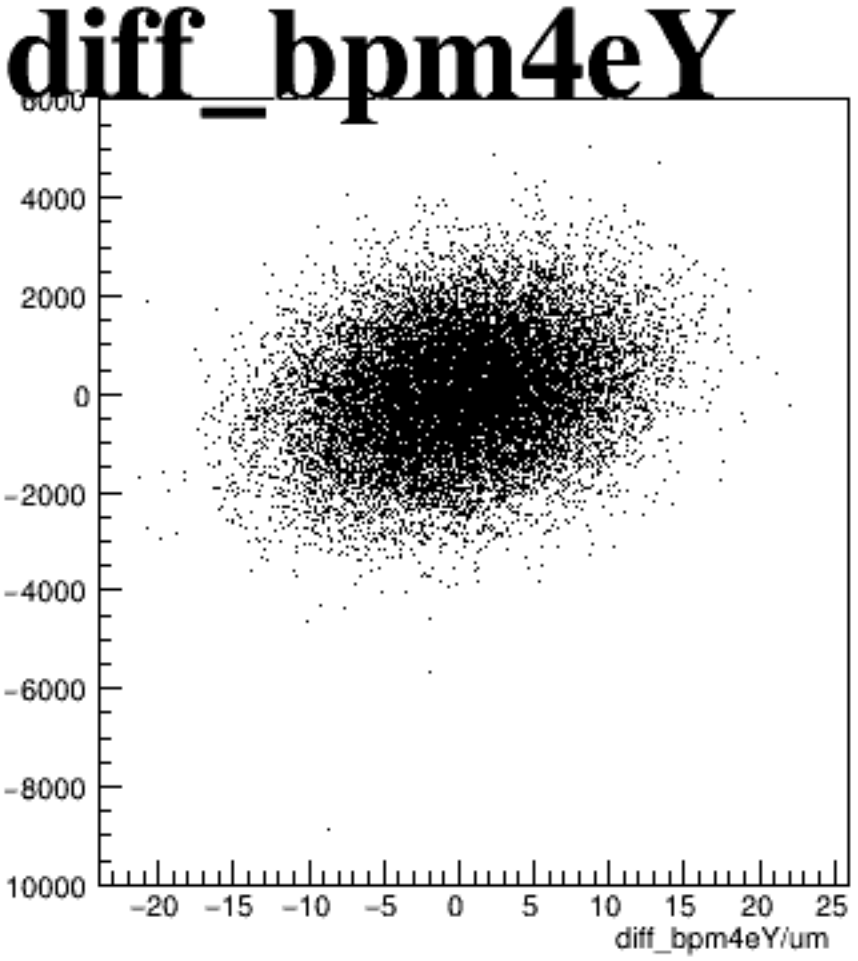
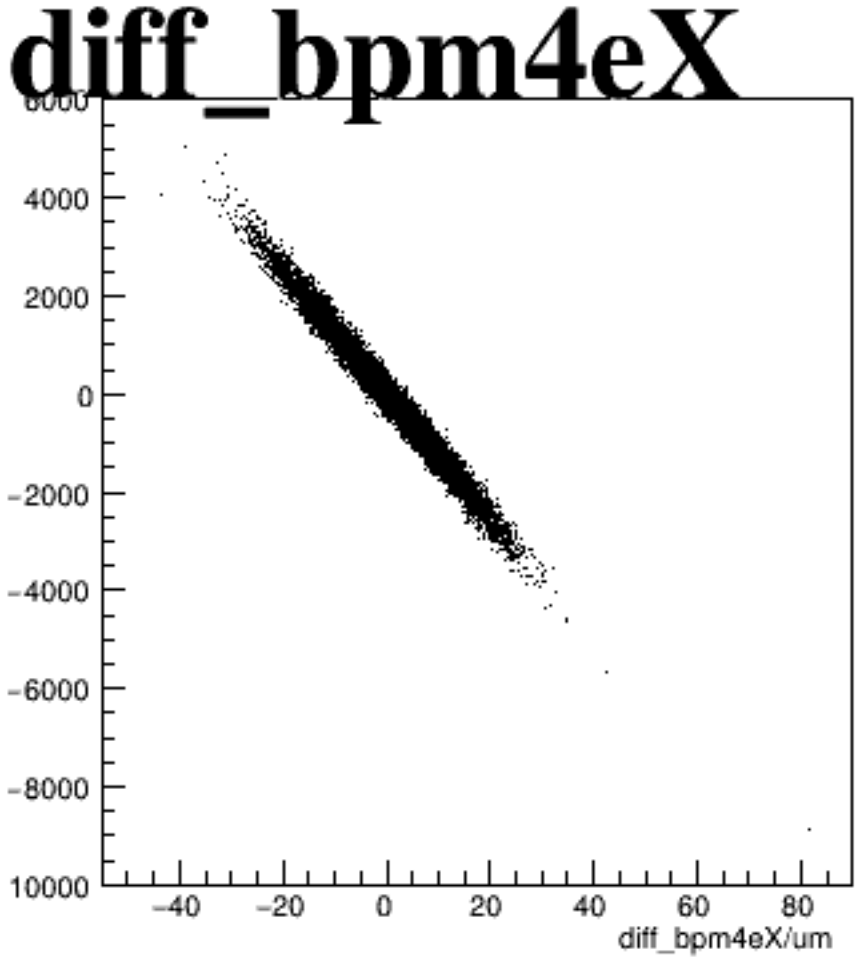
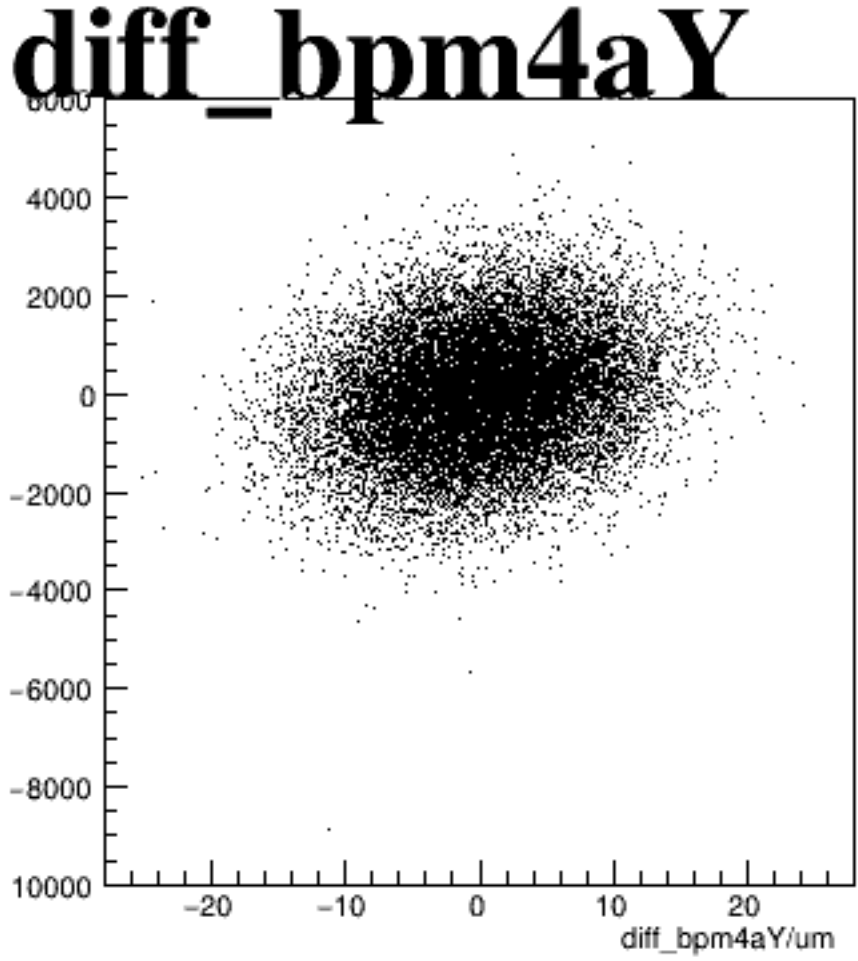
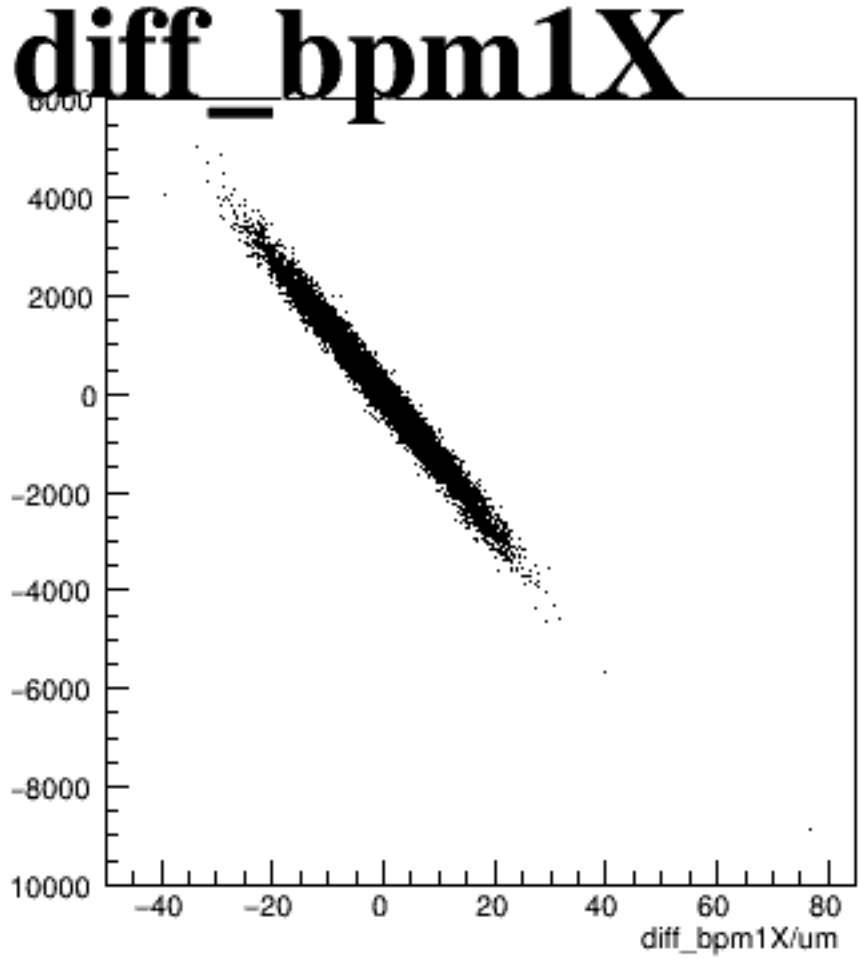
reg_asym_sam7



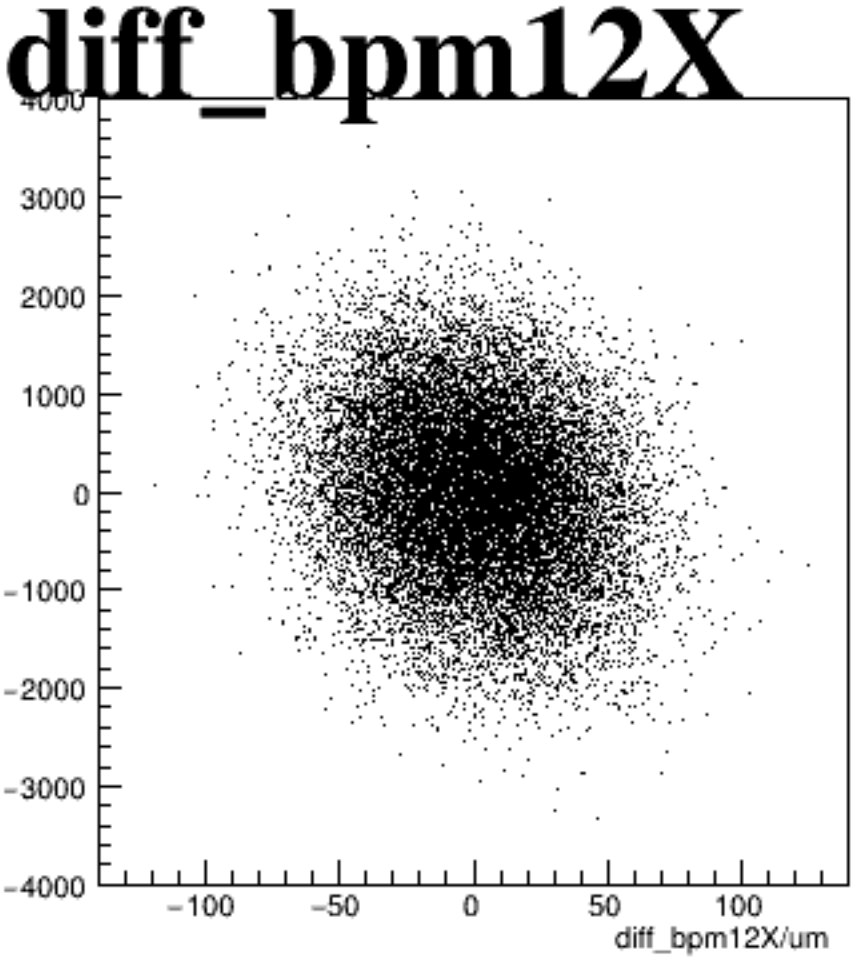
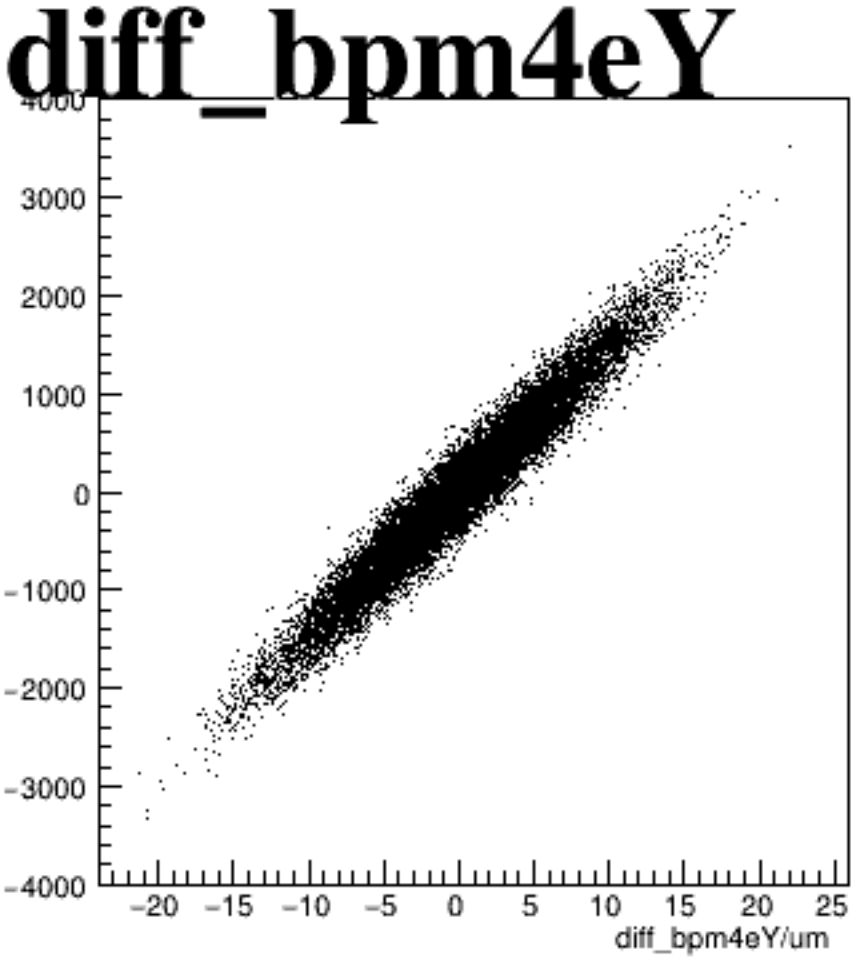
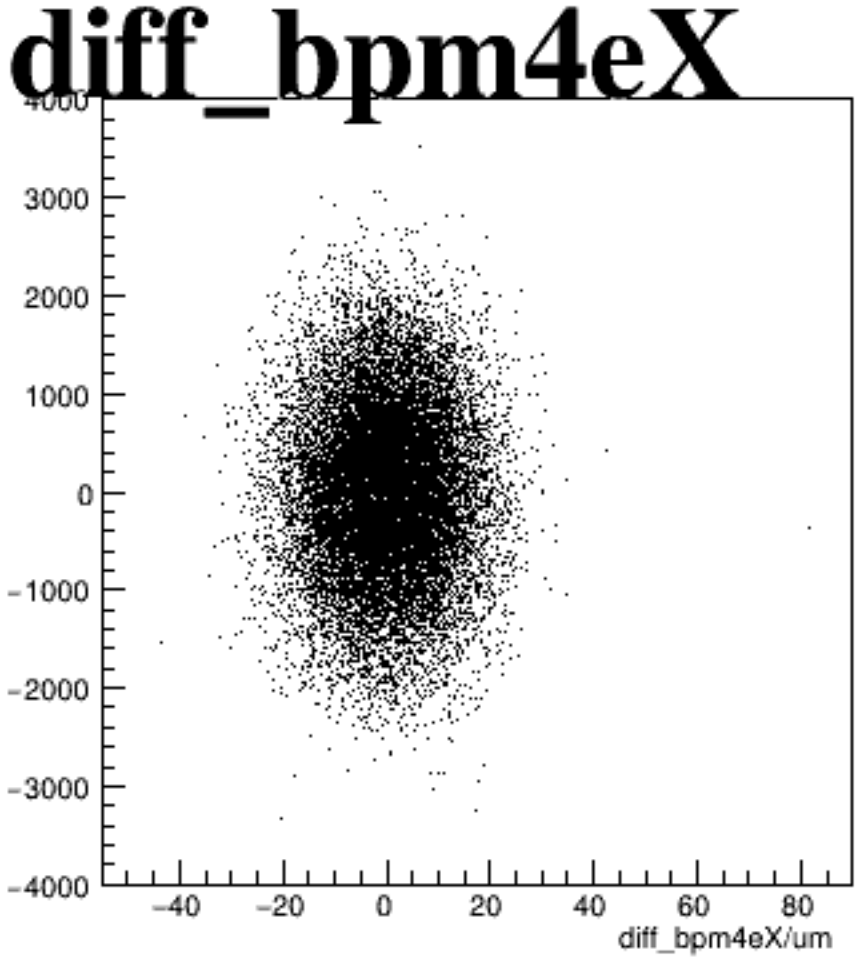
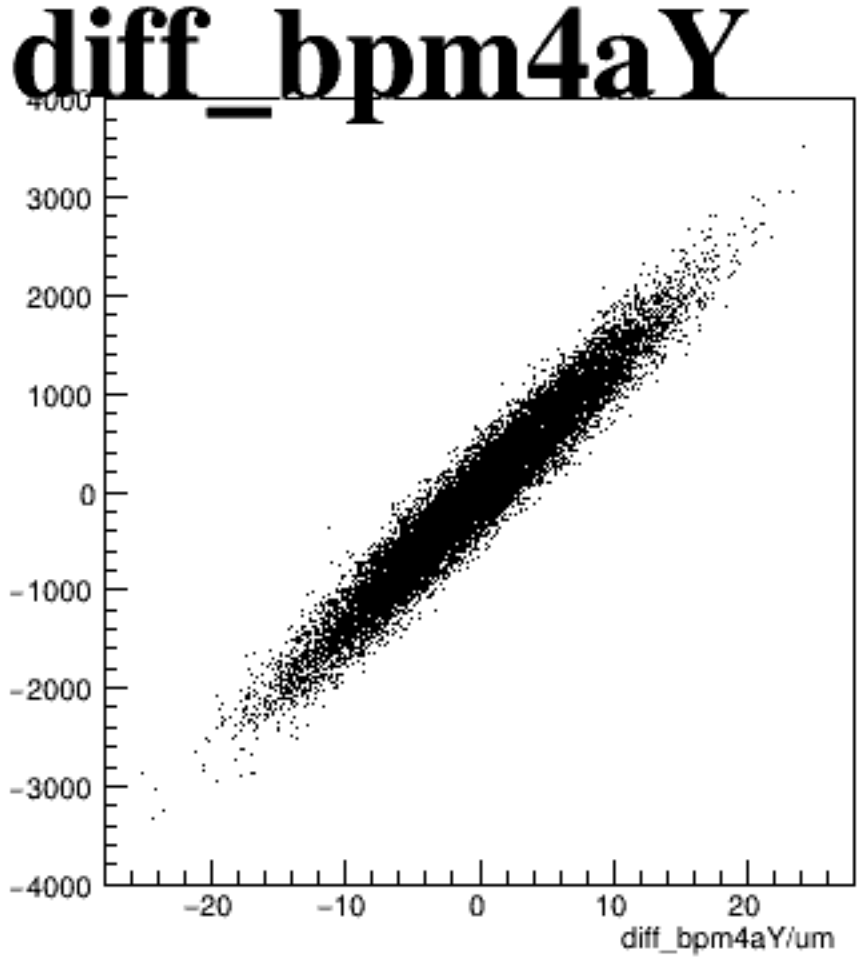
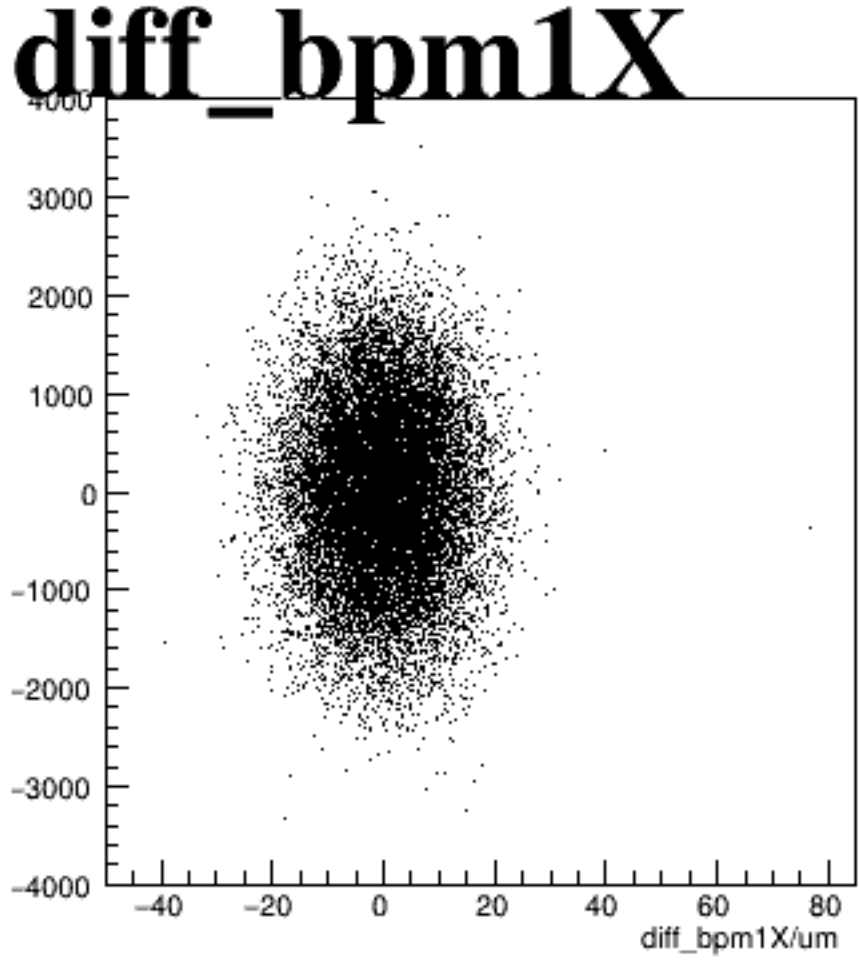
asym_sam1



asym_sam3



asym_sam5



asym_sam7

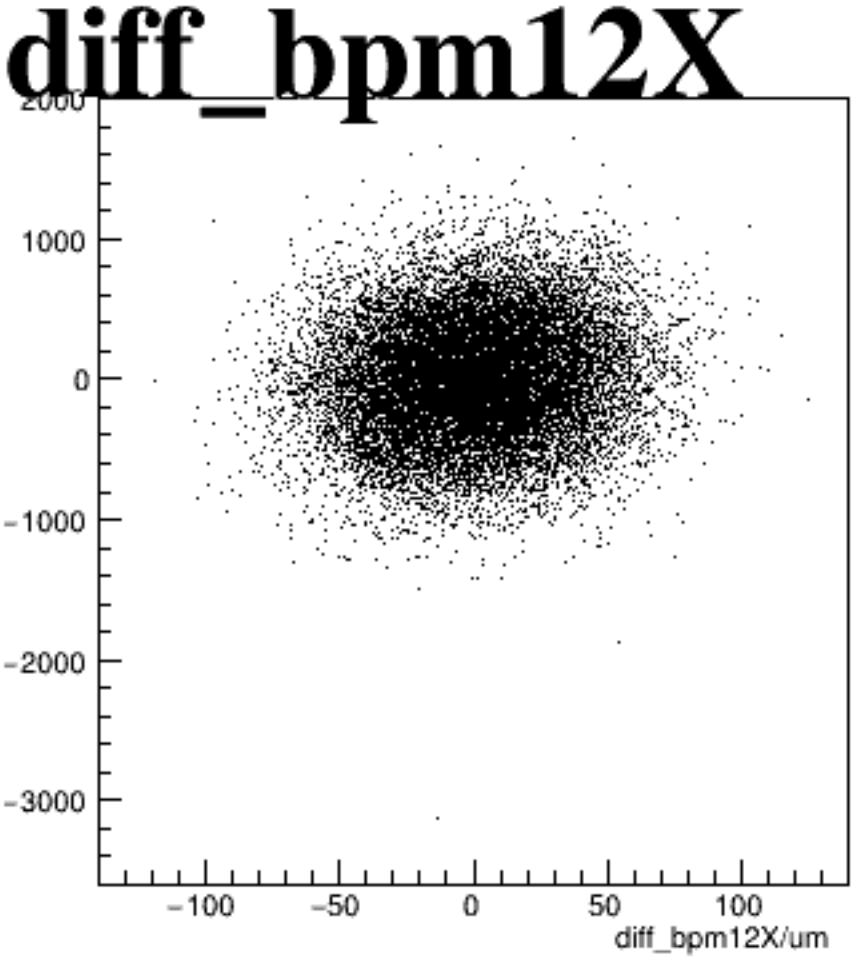
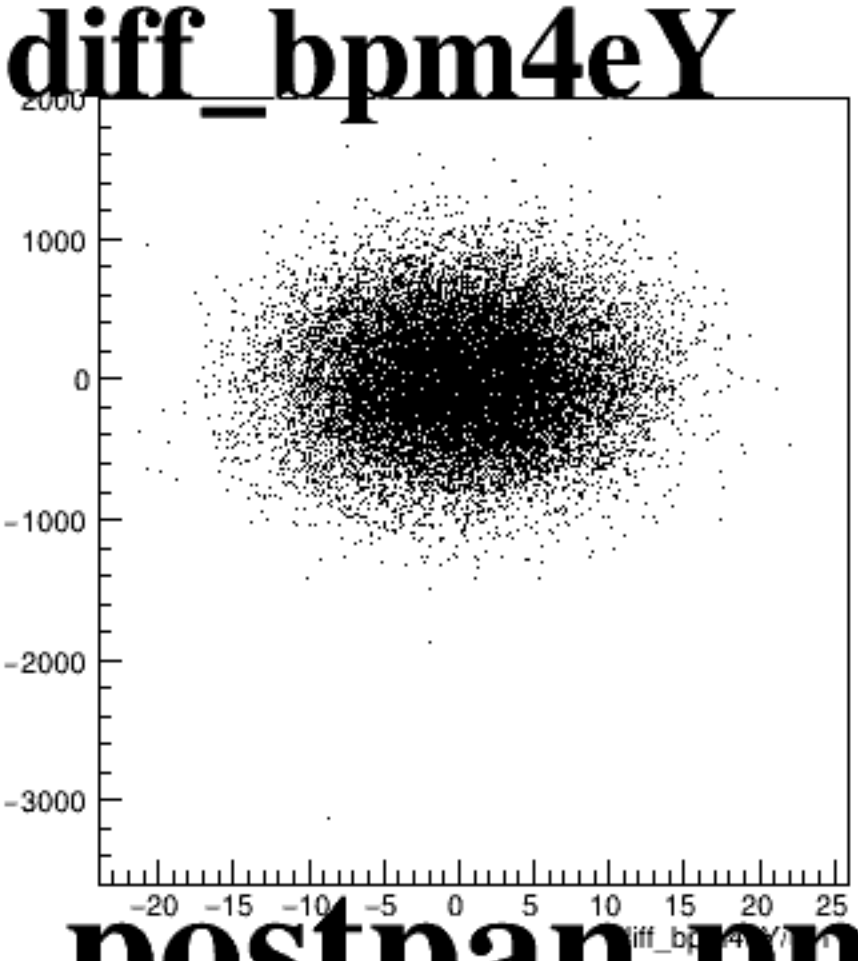
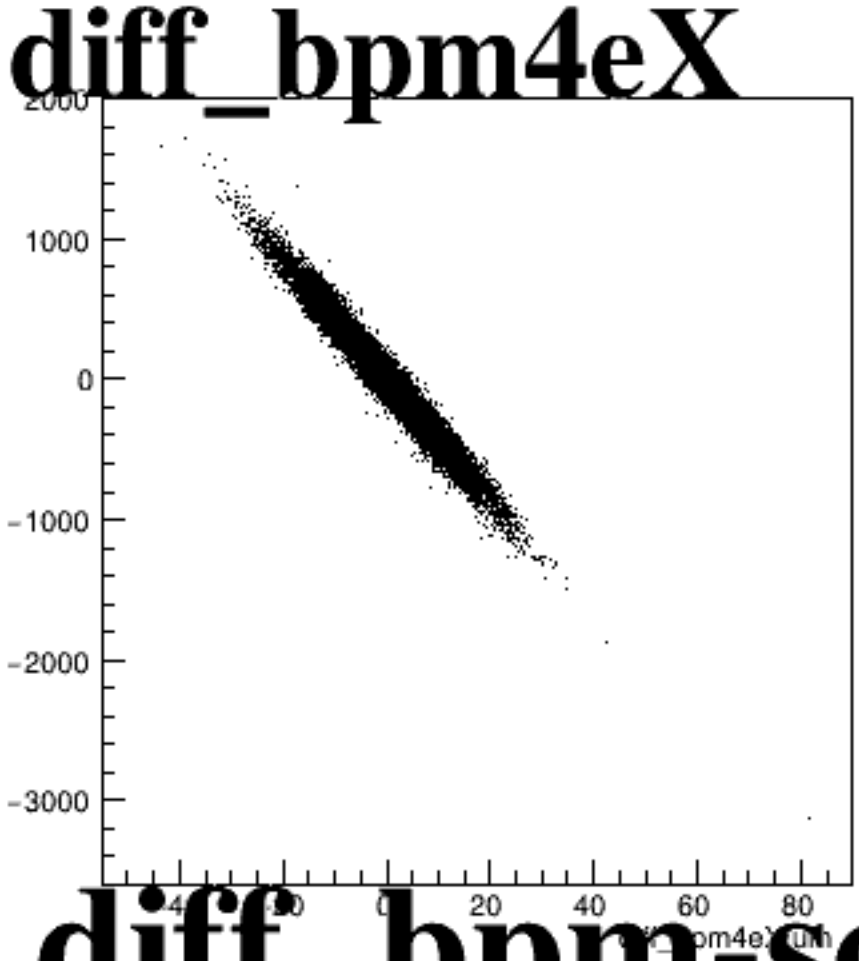
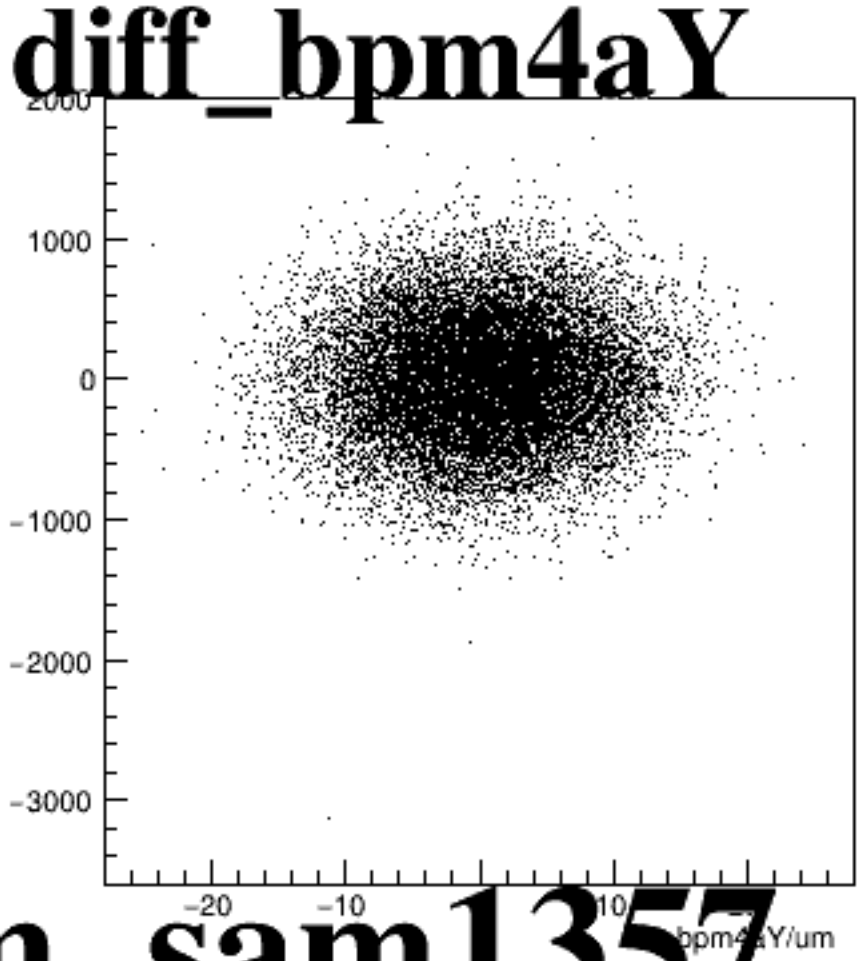
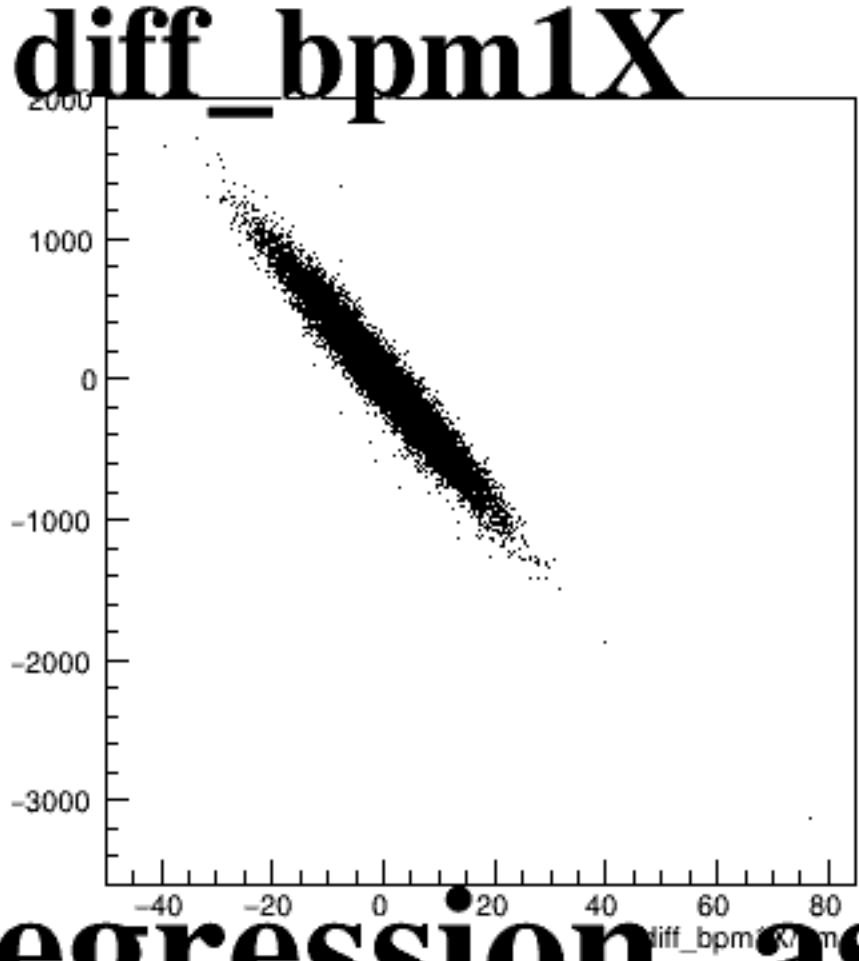


Figure 1 consists of five scatter plots arranged horizontally, each showing the distribution of difference in beam position measurements (diff_bpm) for different beam sizes and positions. The plots are labeled as follows:

- diff_bpm1X**: The x-axis is labeled 'diff_bpm1X/um' and ranges from -40 to 80. The y-axis ranges from -300 to 300.
- diff_bpm4aY**: The x-axis is labeled 'diff_bpm4aY/um' and ranges from -20 to 20. The y-axis ranges from -300 to 300.
- diff_bpm4eX**: The x-axis is labeled 'diff_bpm4eX/um' and ranges from -40 to 80. The y-axis ranges from -300 to 300.
- diff_bpm4eY**: The x-axis is labeled 'diff_bpm4eY/um' and ranges from -20 to 25. The y-axis ranges from -300 to 300.
- diff_bpm12X**: The x-axis is labeled 'diff_bpm12X/um' and ranges from -100 to 100. The y-axis ranges from -300 to 300.

In all plots, the data points are densely clustered around the origin (0,0), indicating a high degree of agreement between the two measurements. The distribution is roughly elliptical, with the major axis along the x-axis.

diff_bpm1X

diff_bpm4aY

diff_bpm4eX

diff_bpm4eY

diff_bpm12X