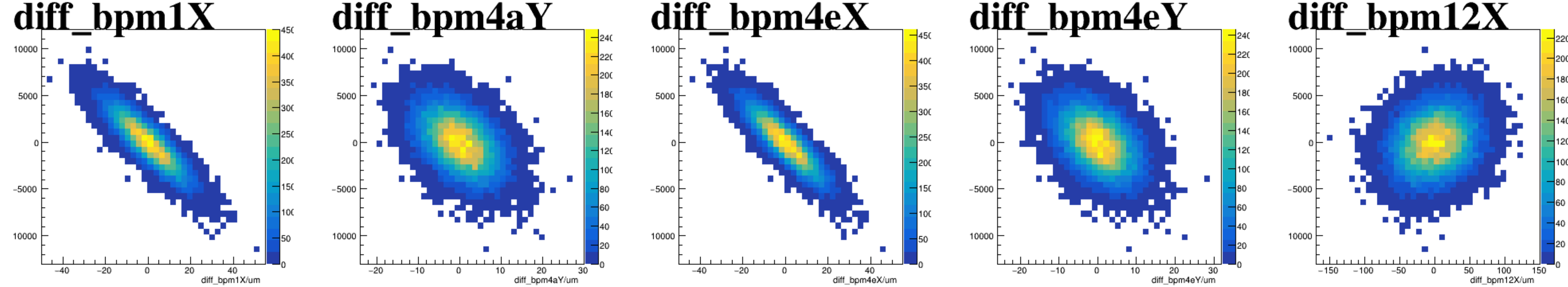
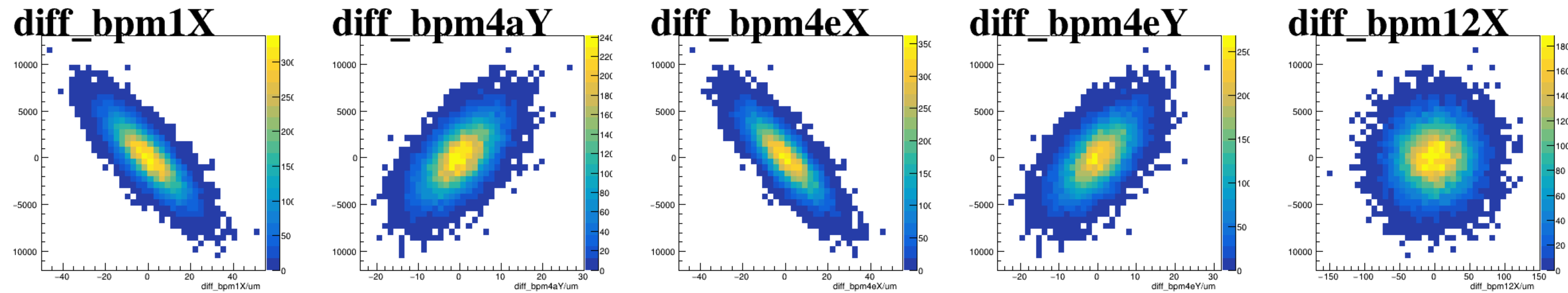


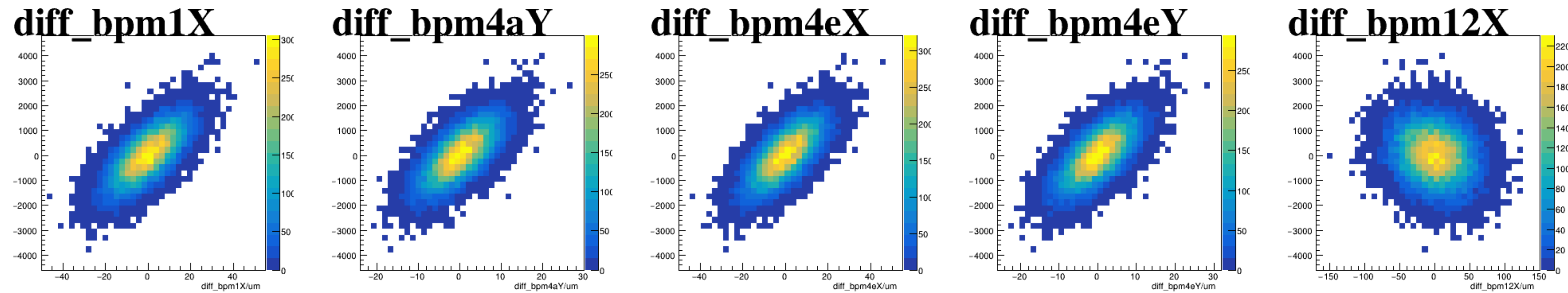
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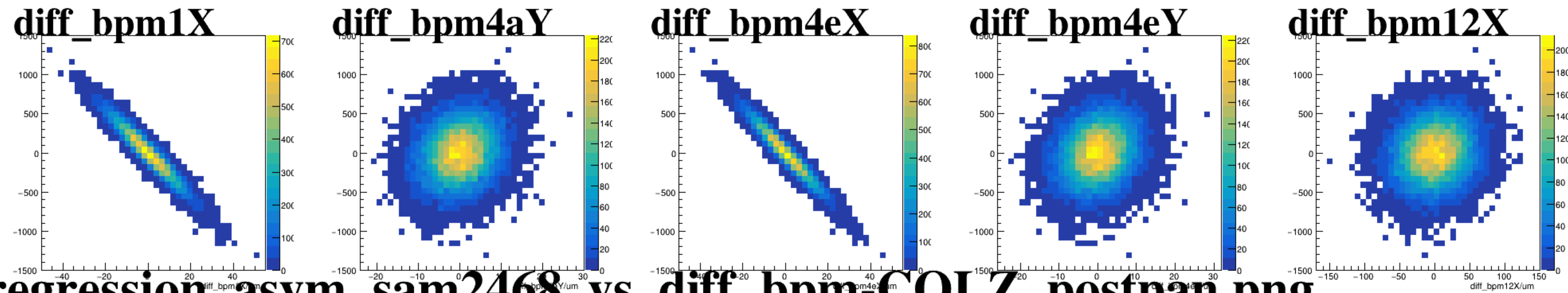
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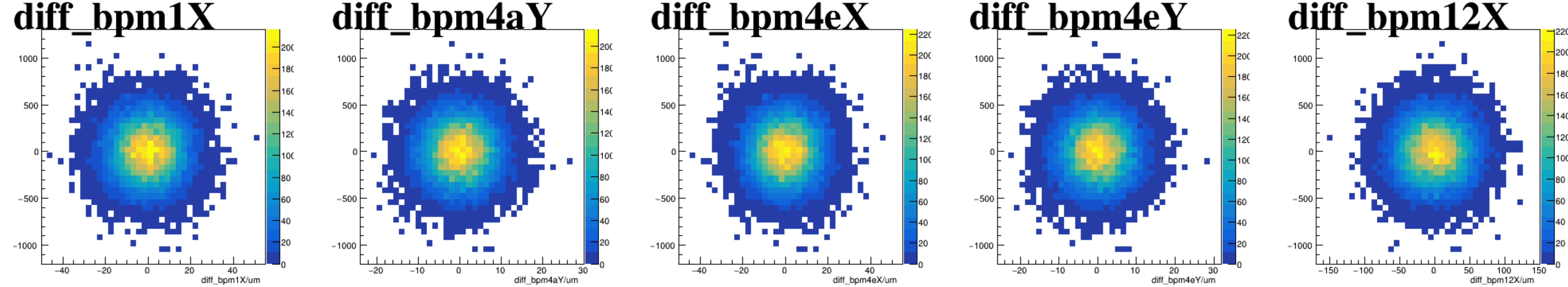
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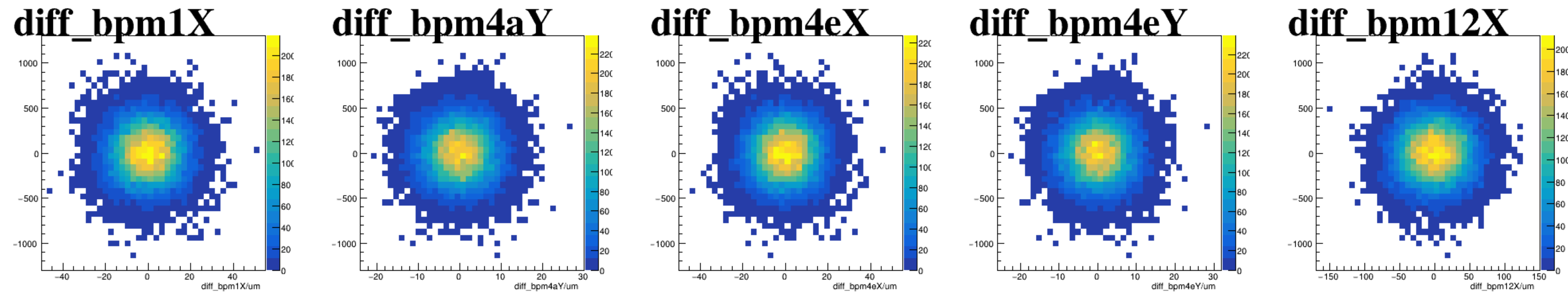
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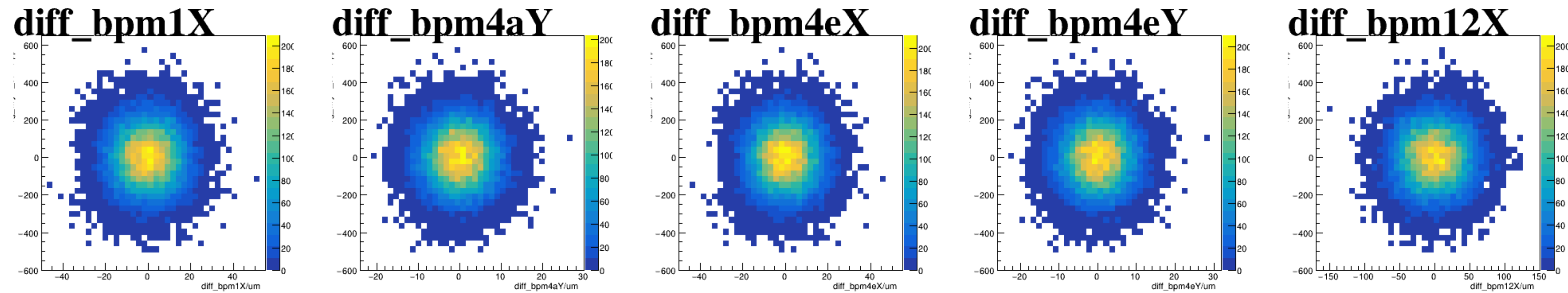
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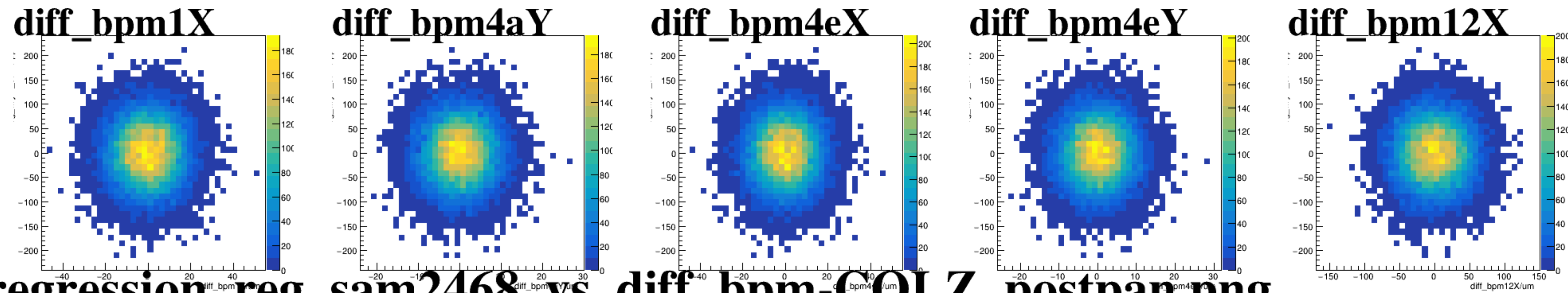
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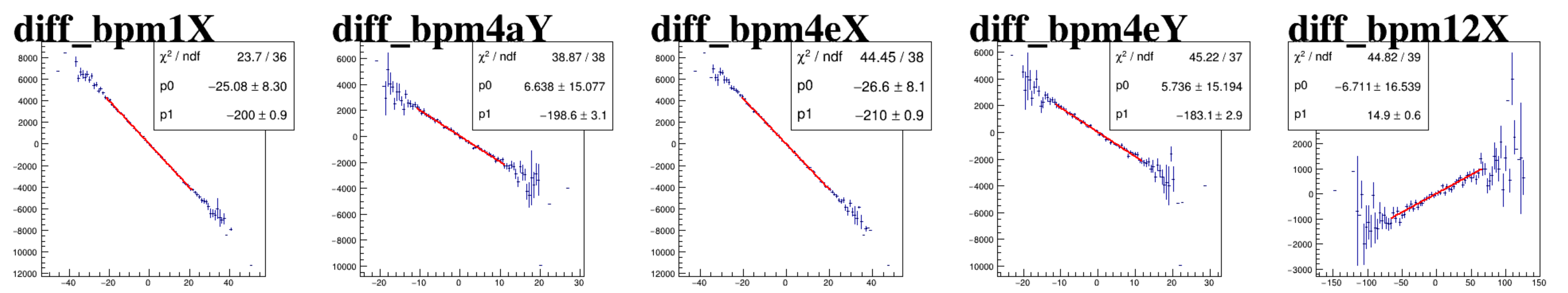
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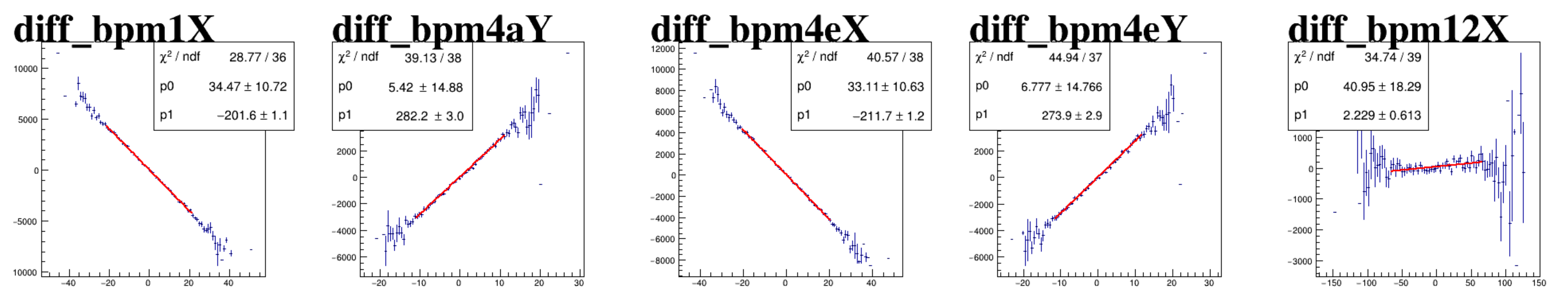
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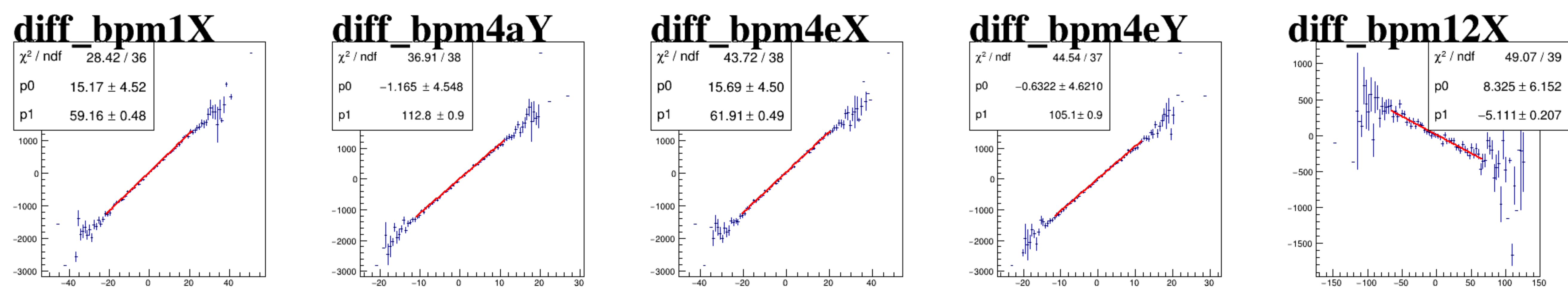
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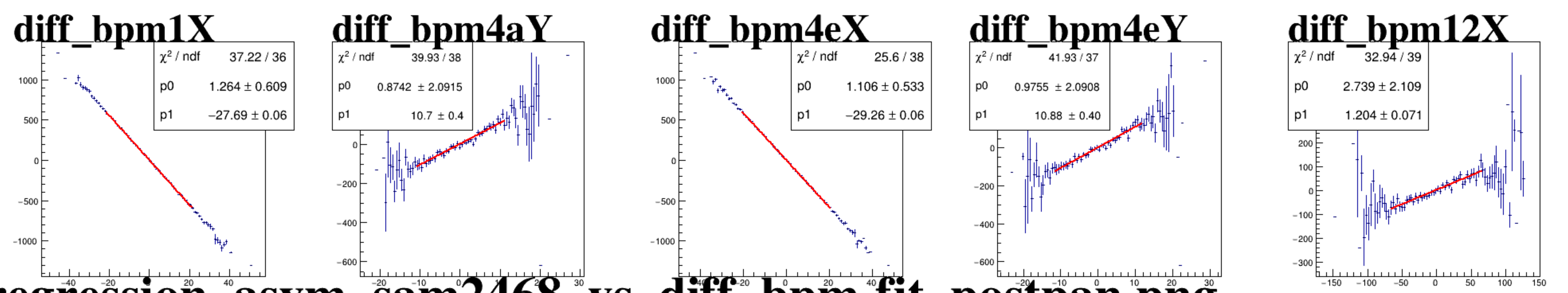
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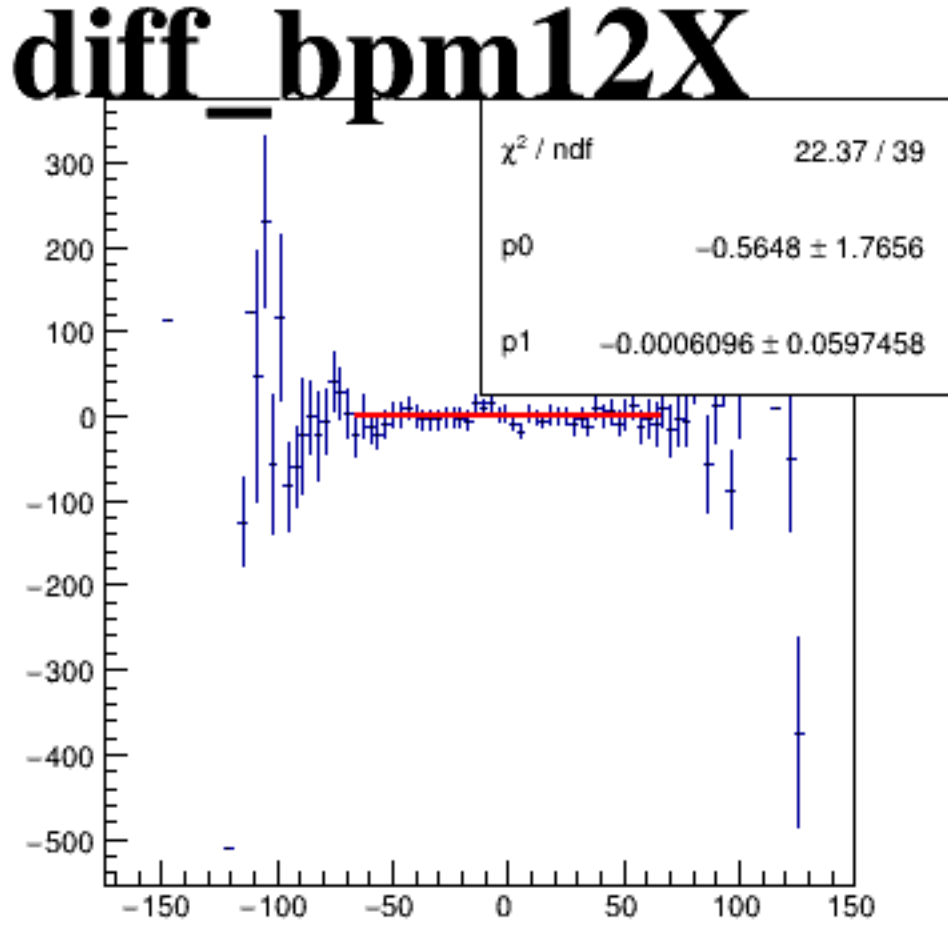
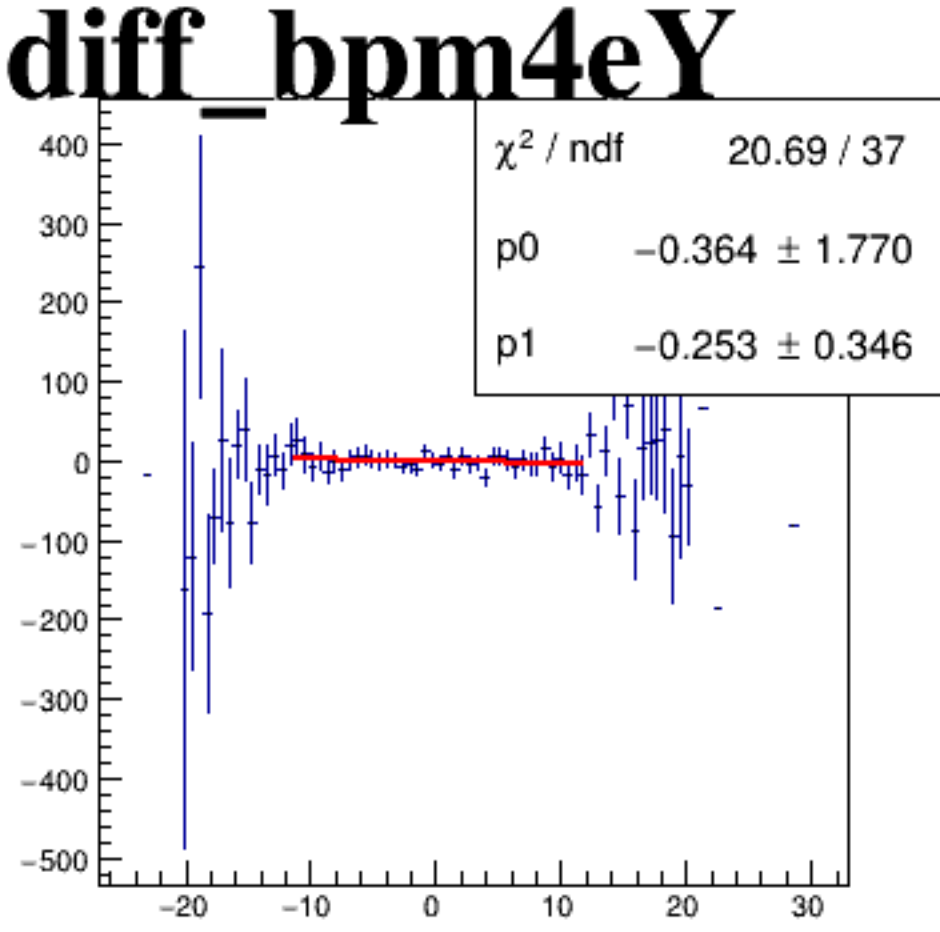
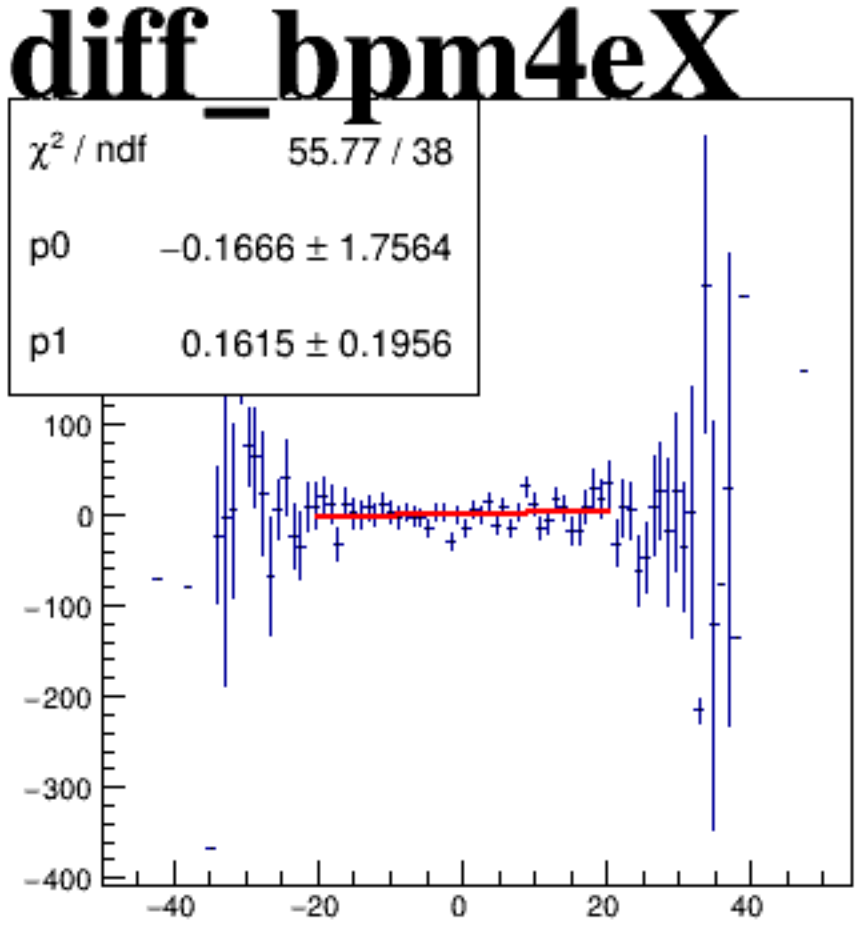
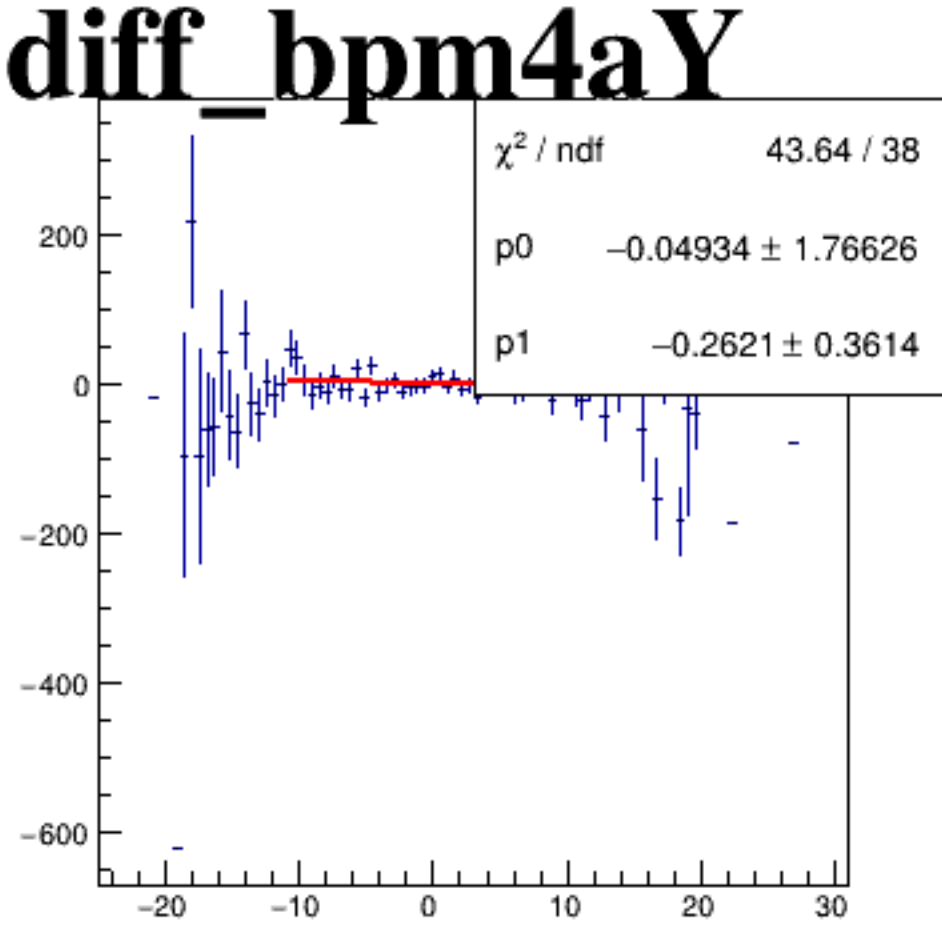
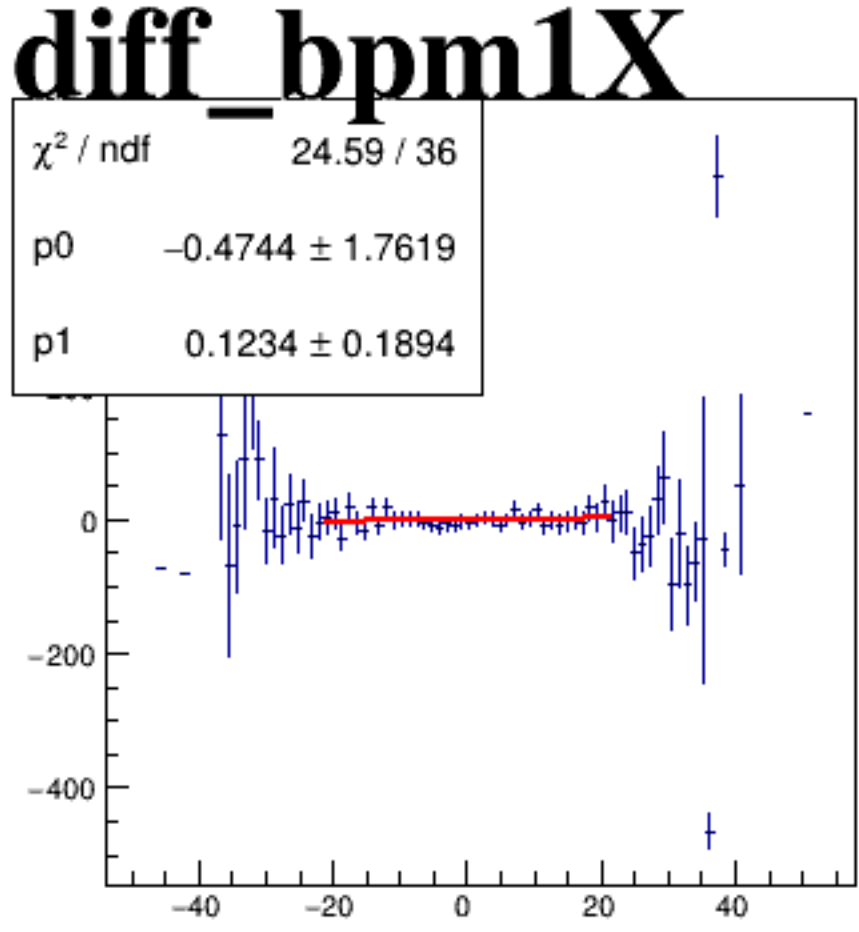
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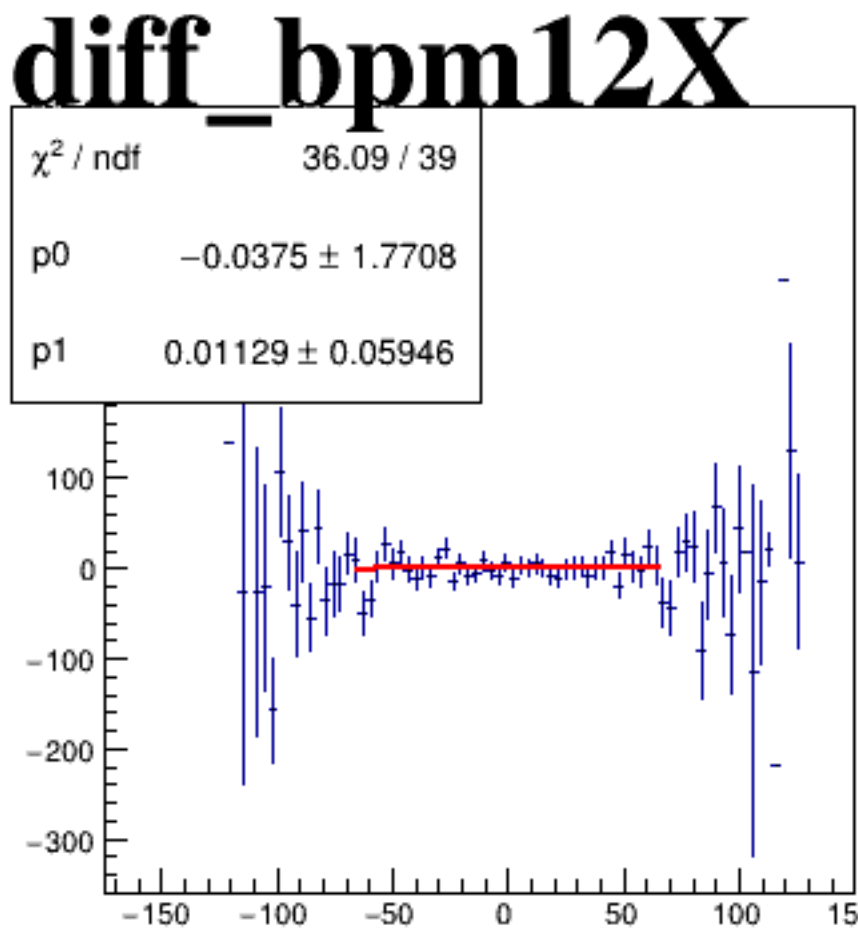
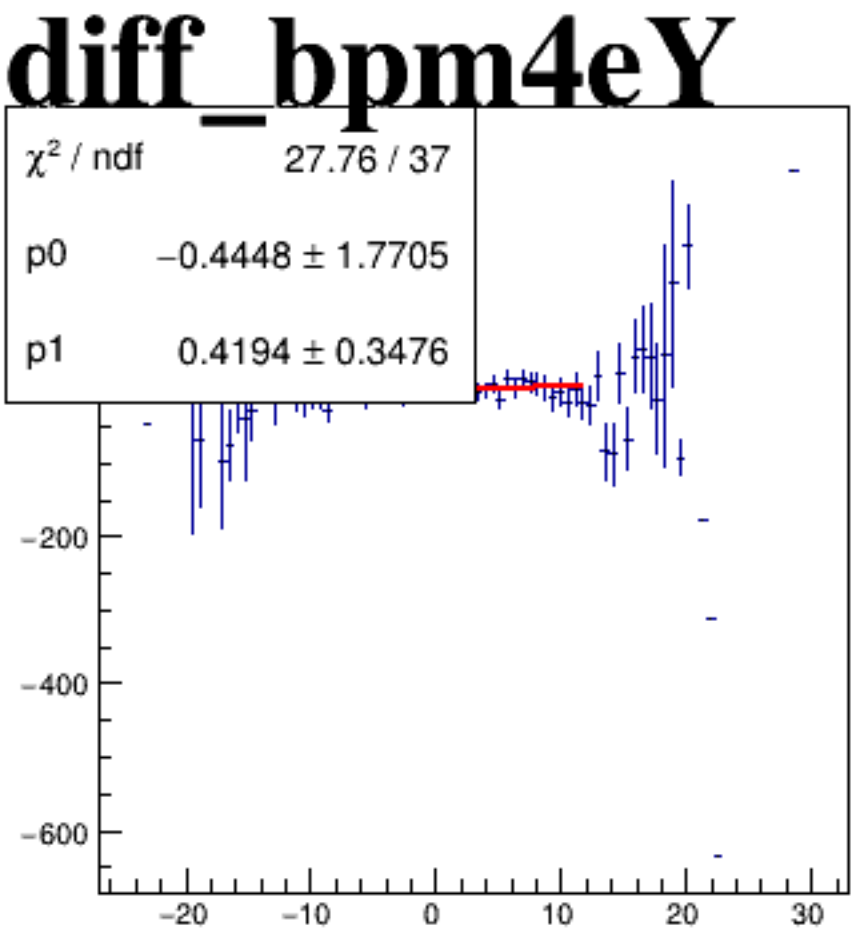
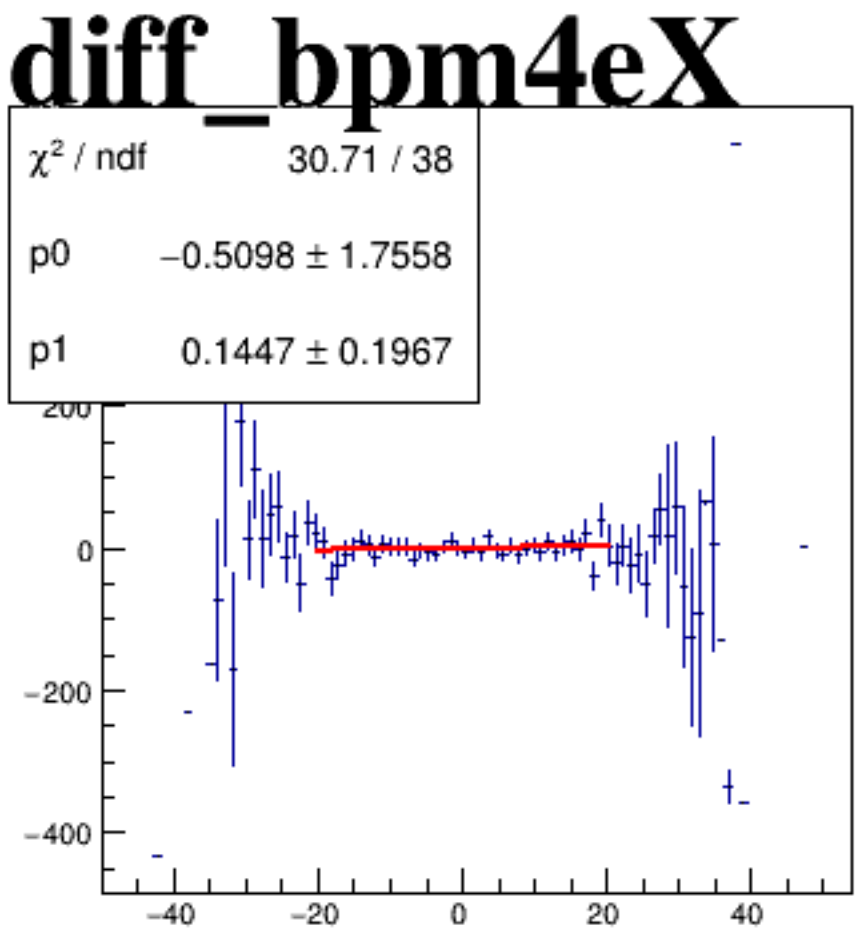
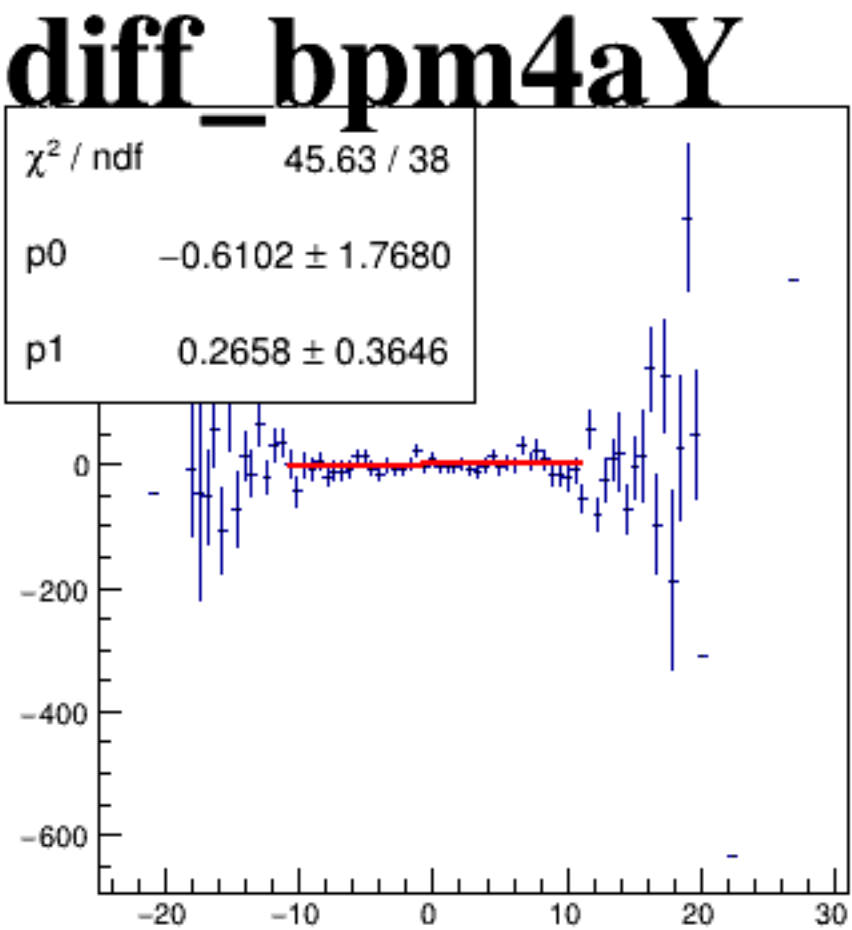
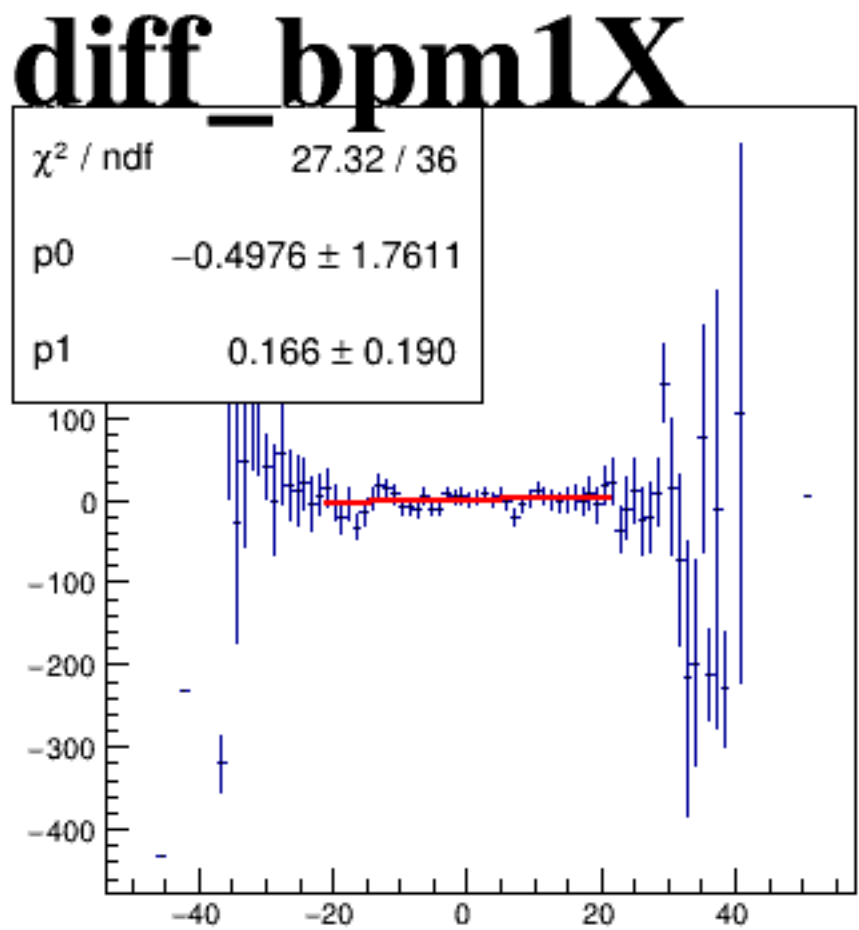
asym_sam8



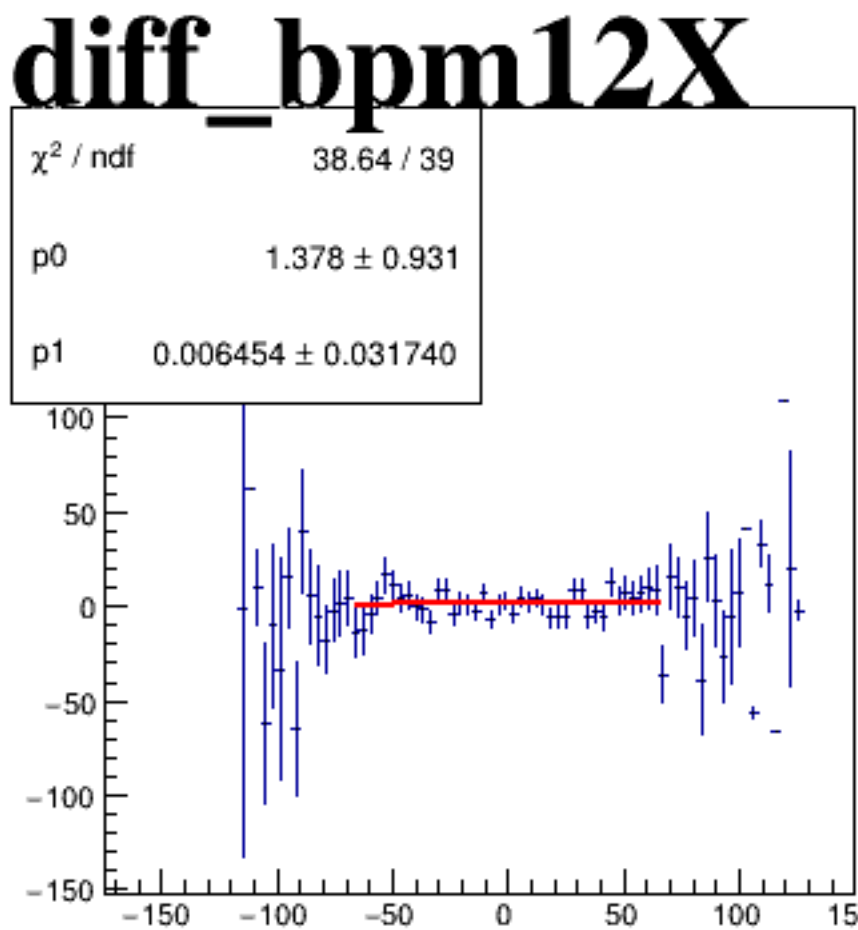
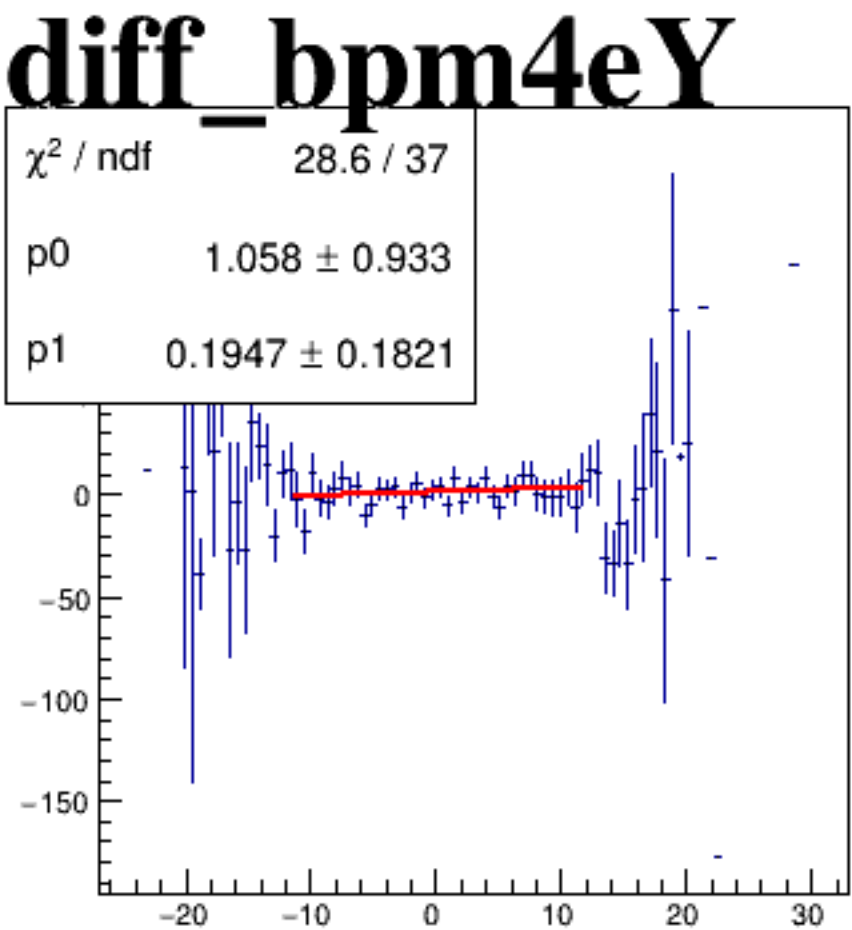
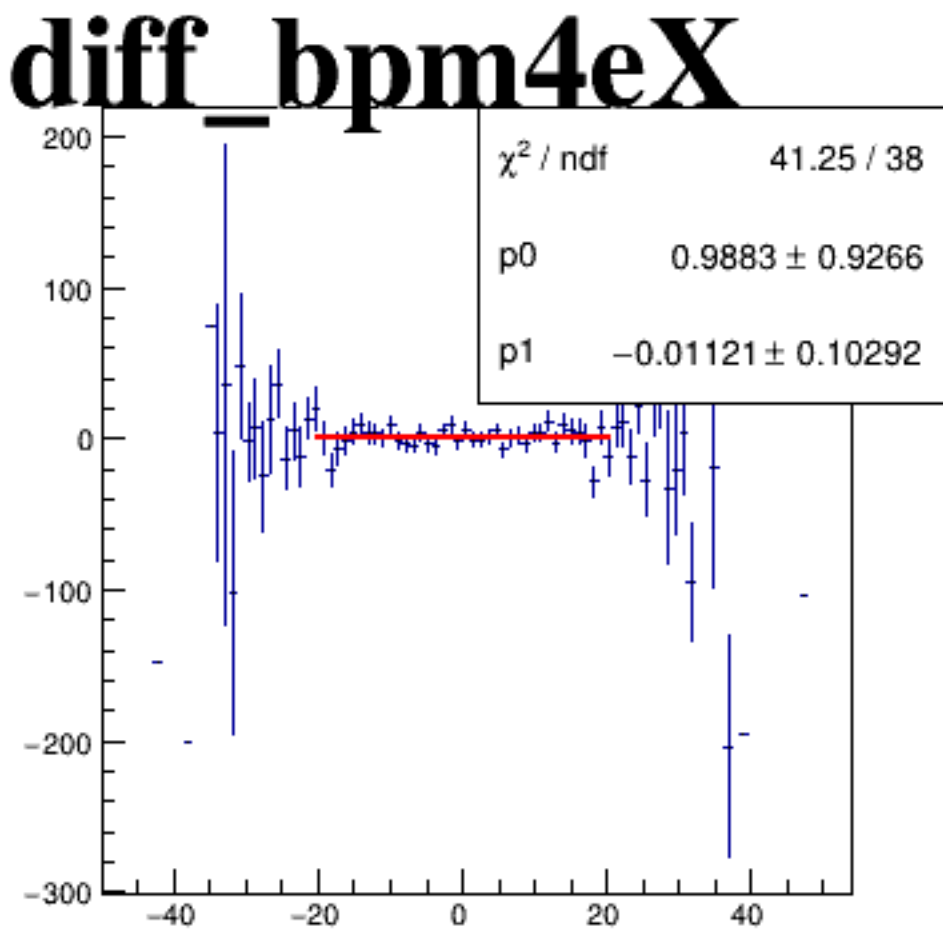
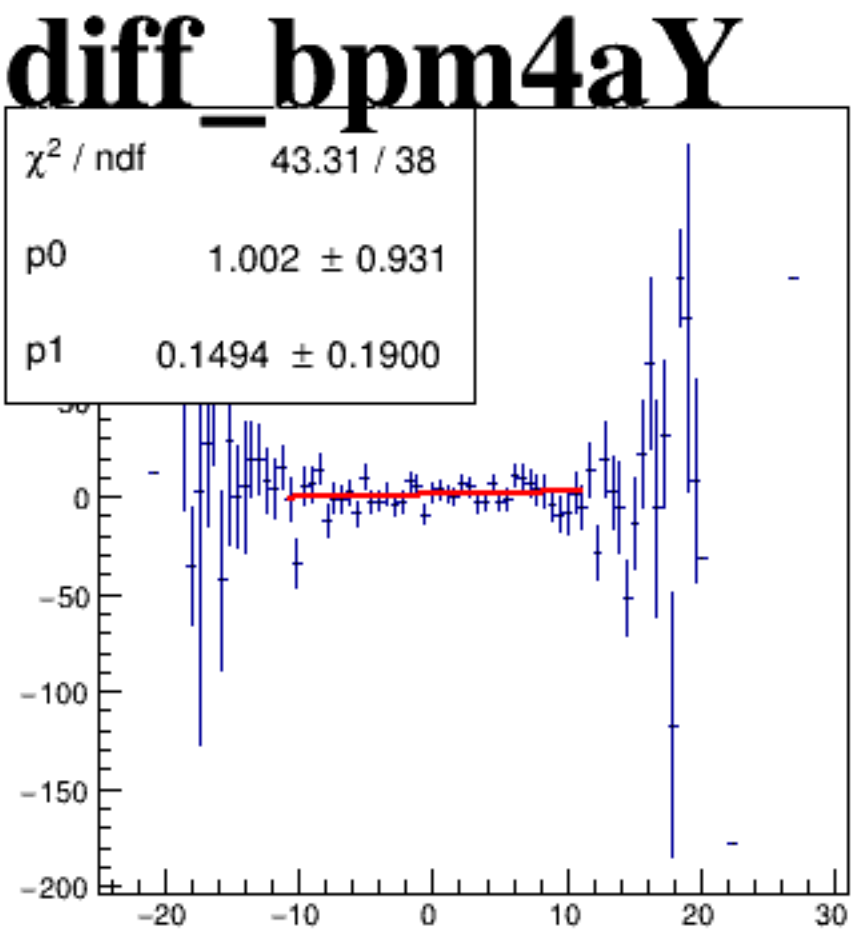
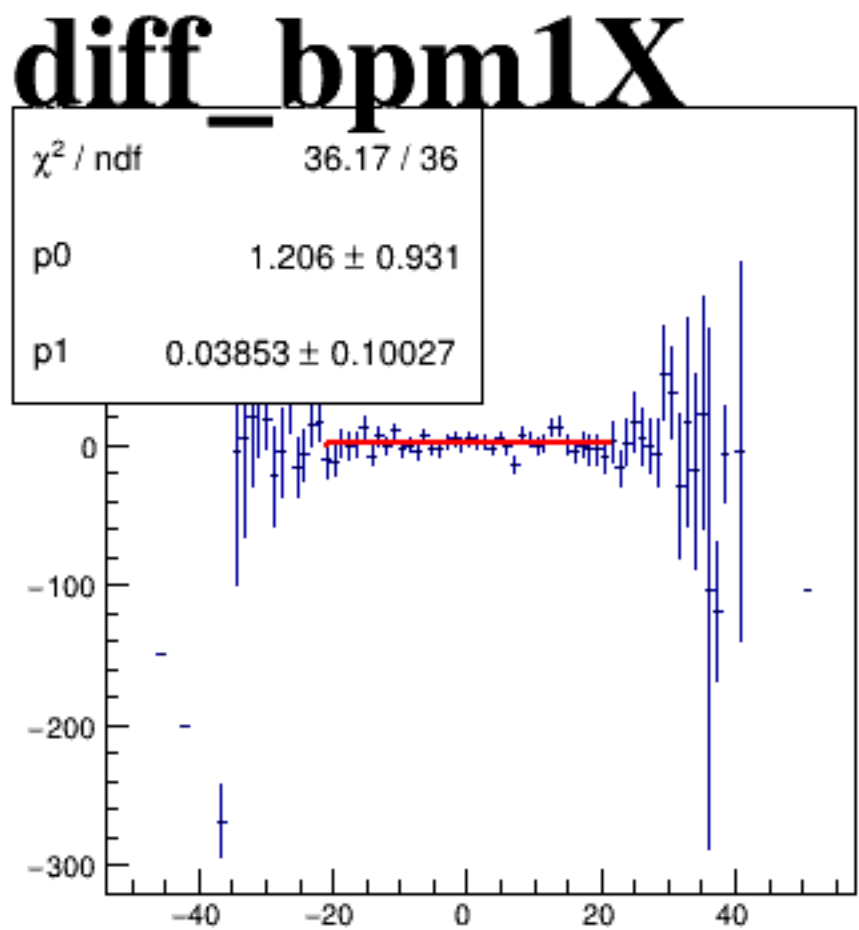
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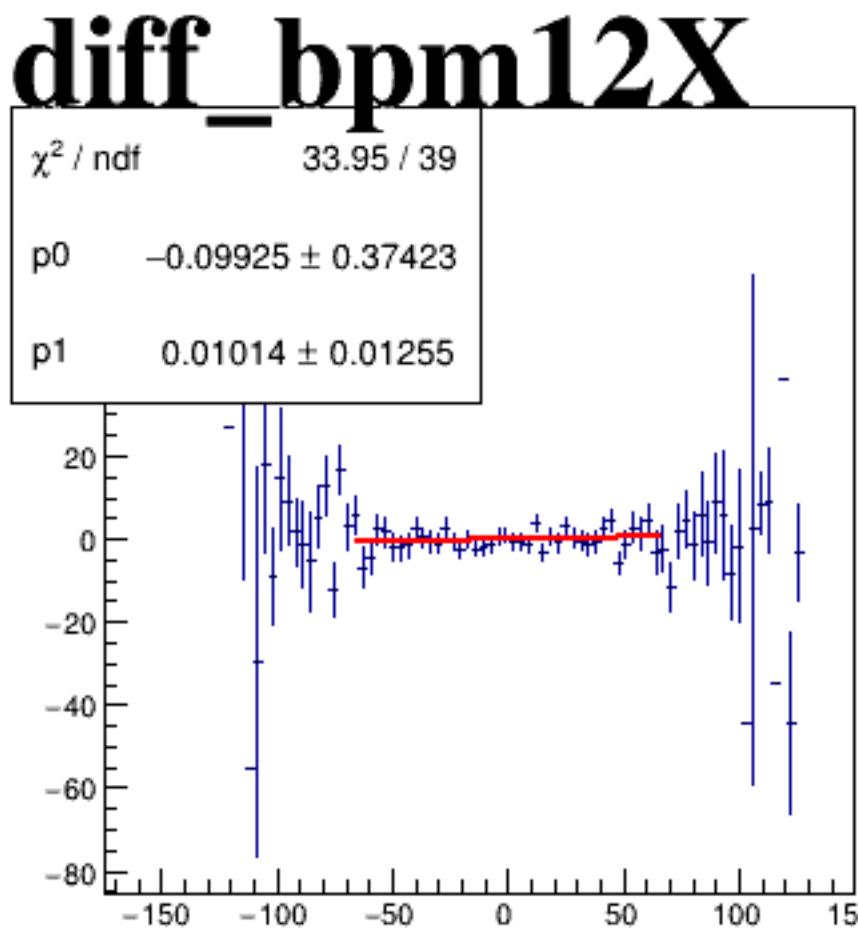
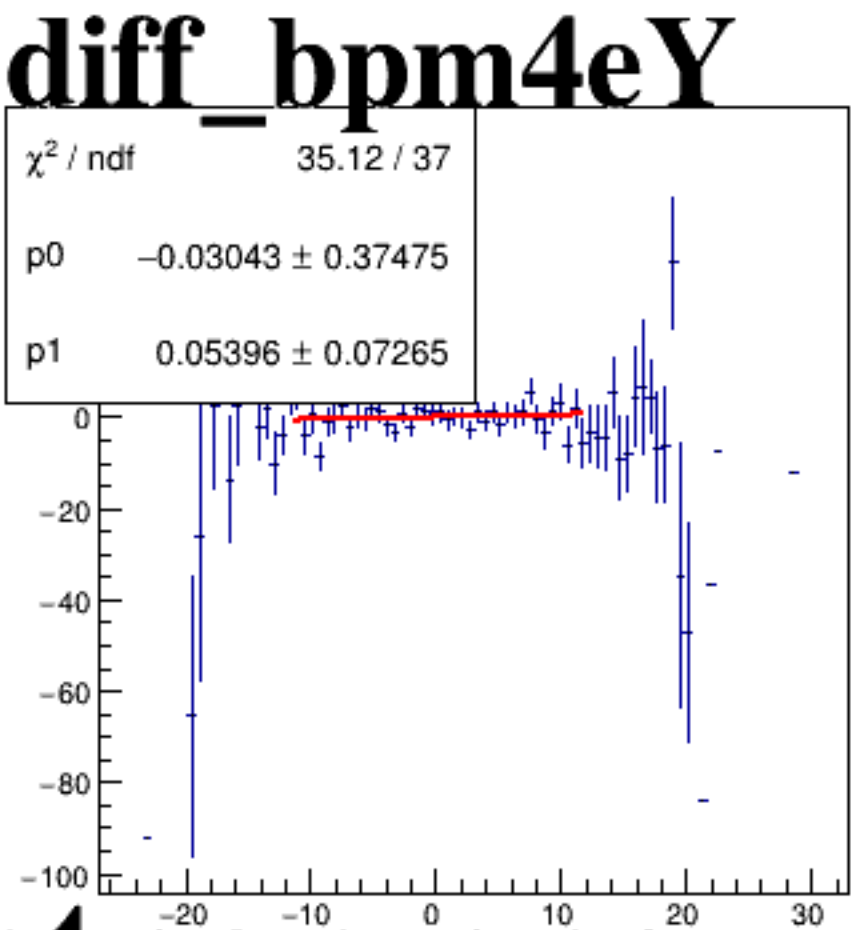
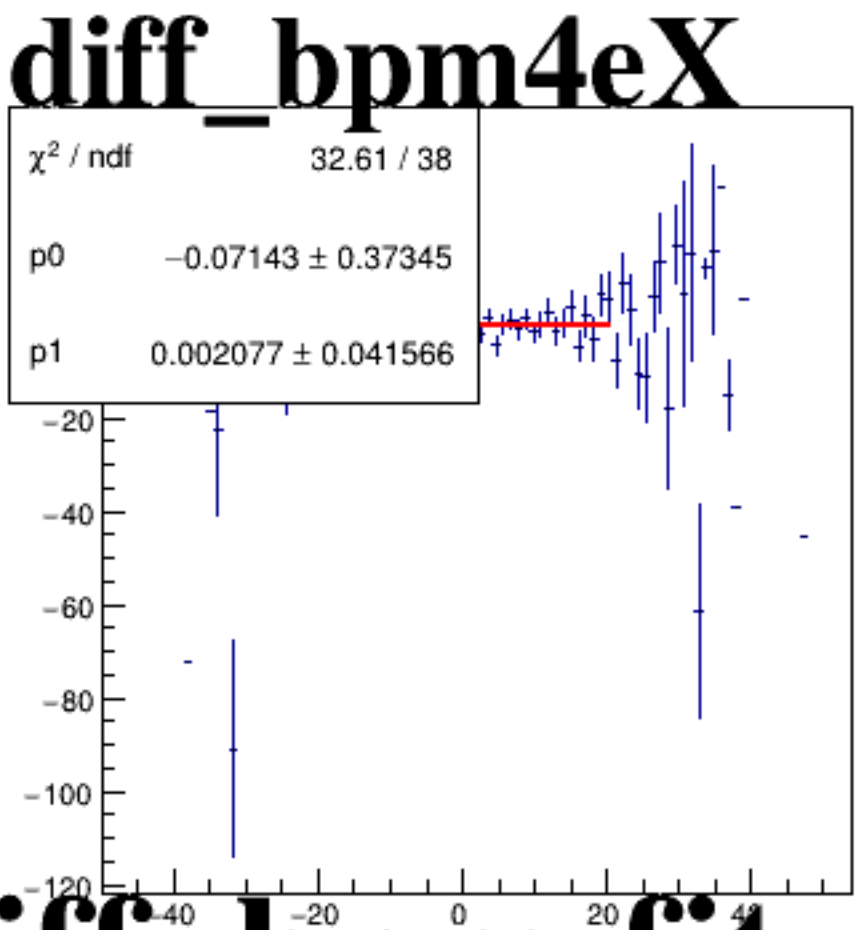
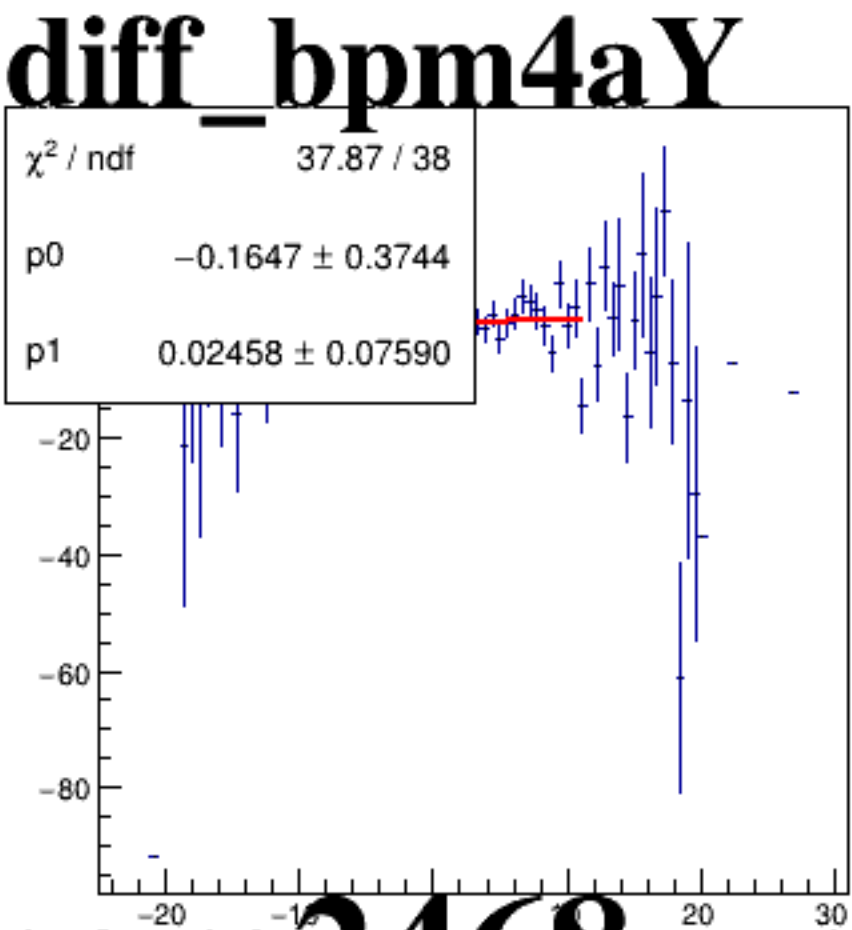
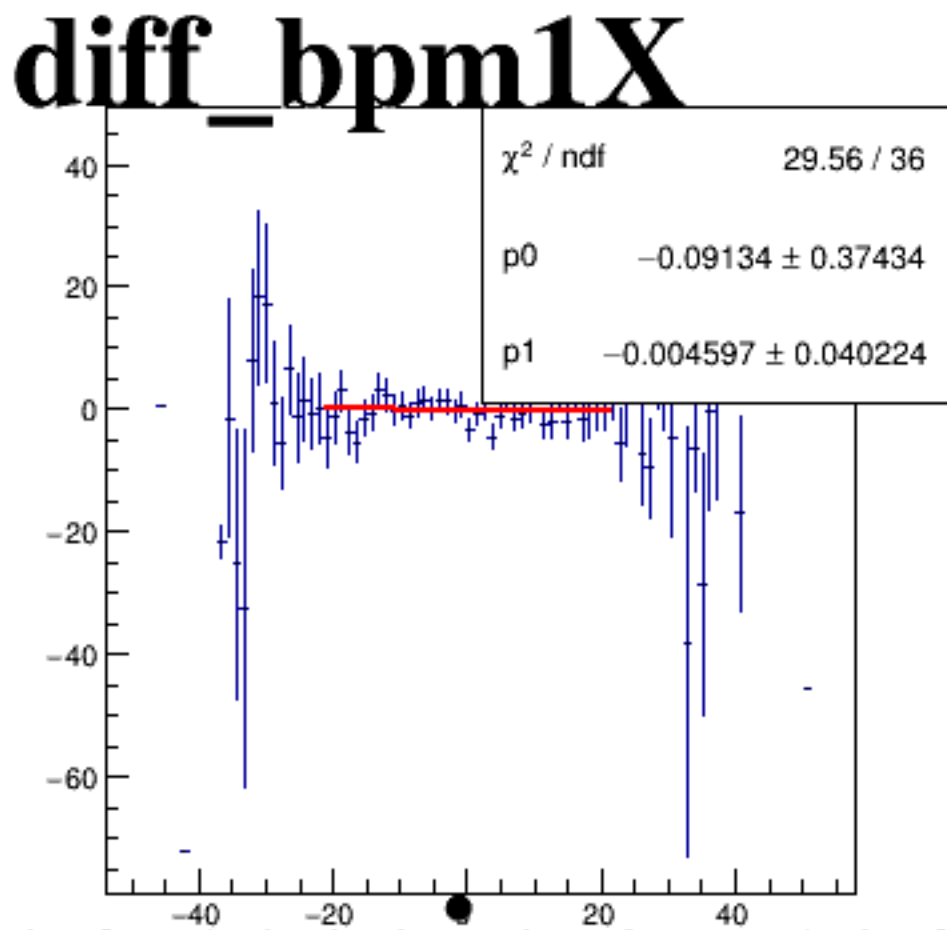
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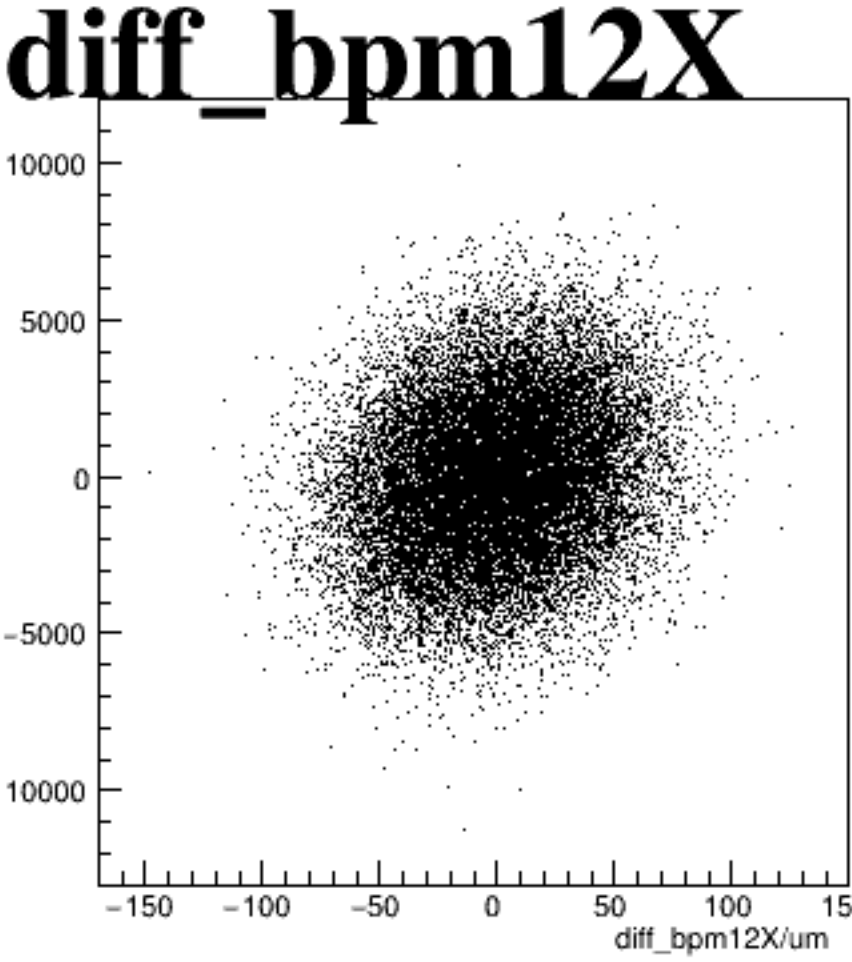
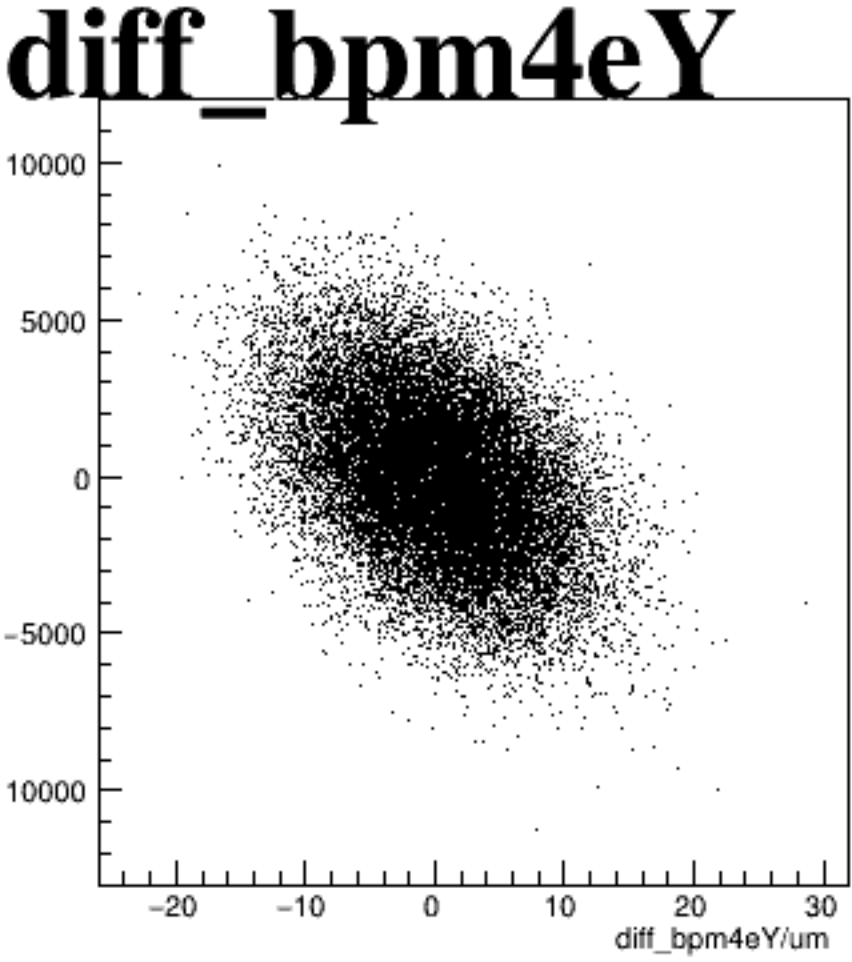
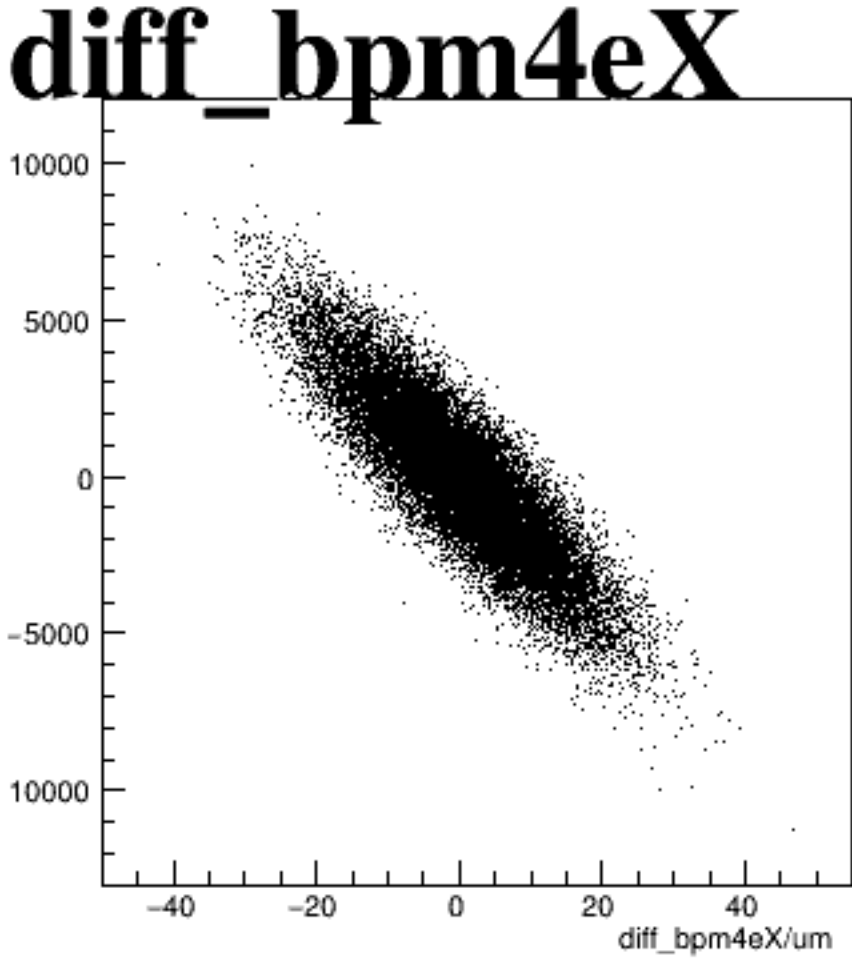
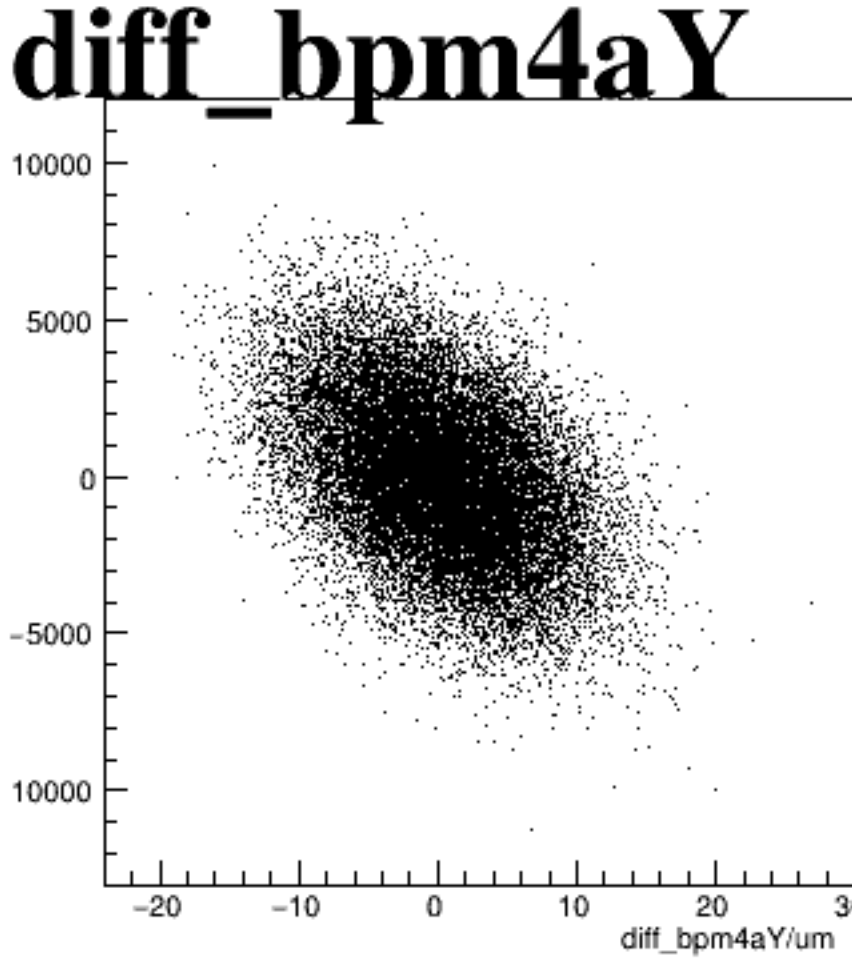
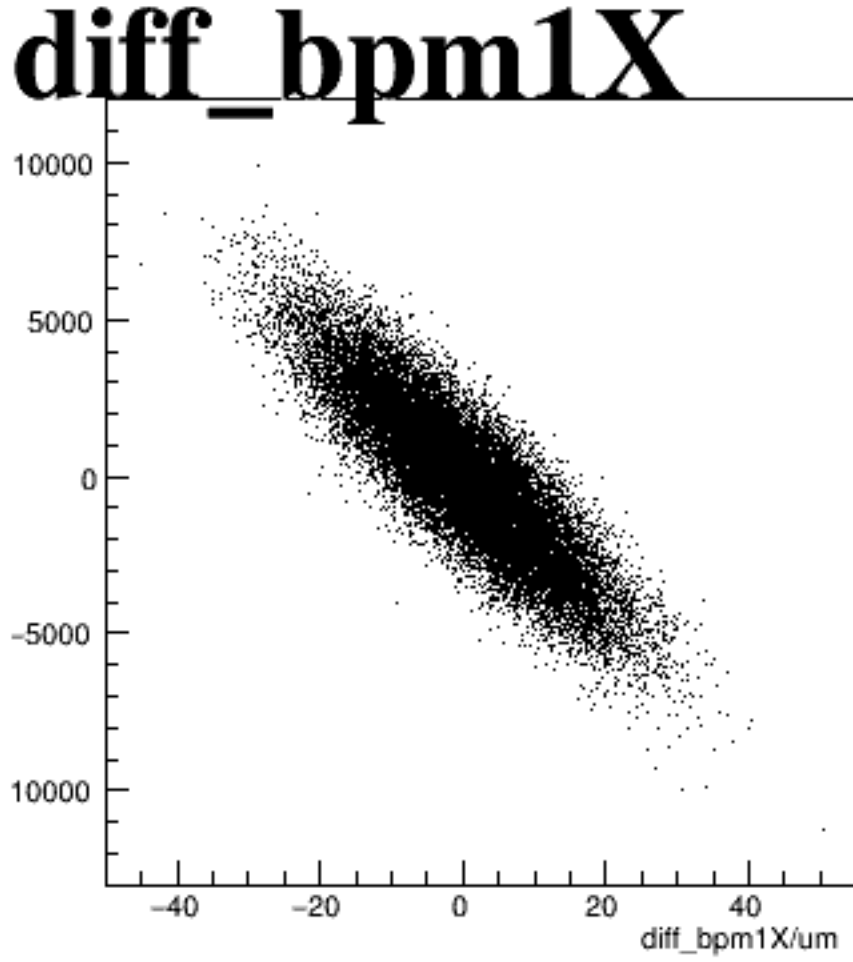
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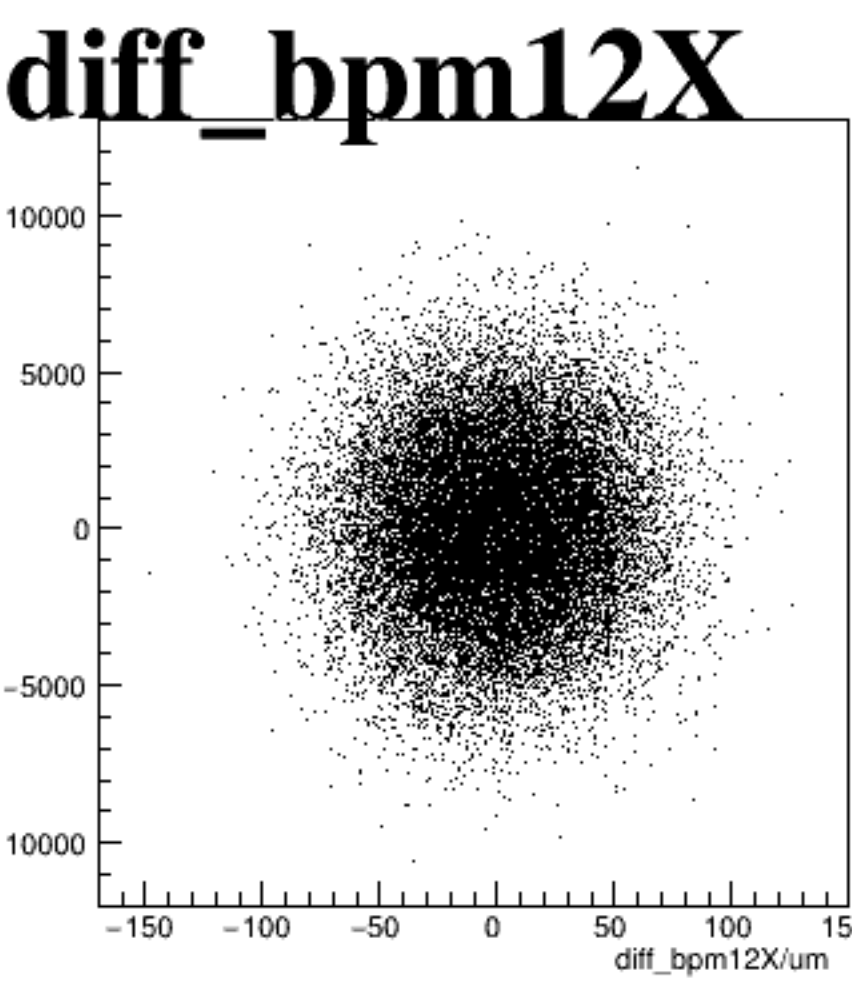
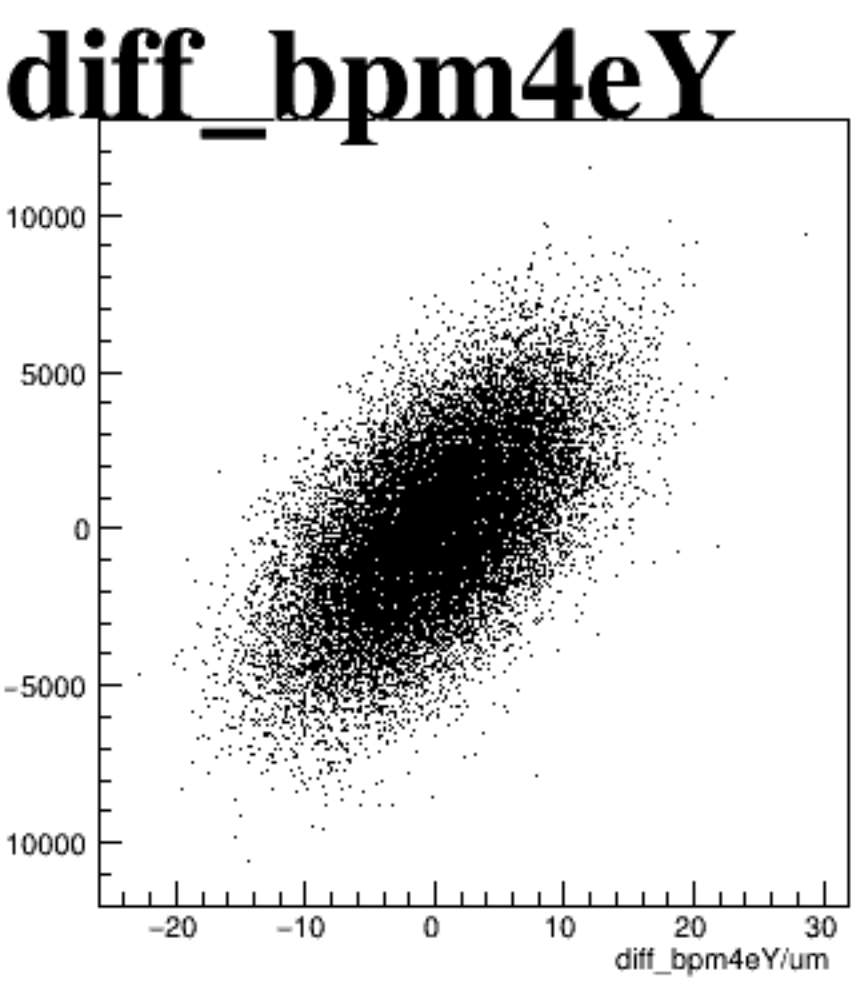
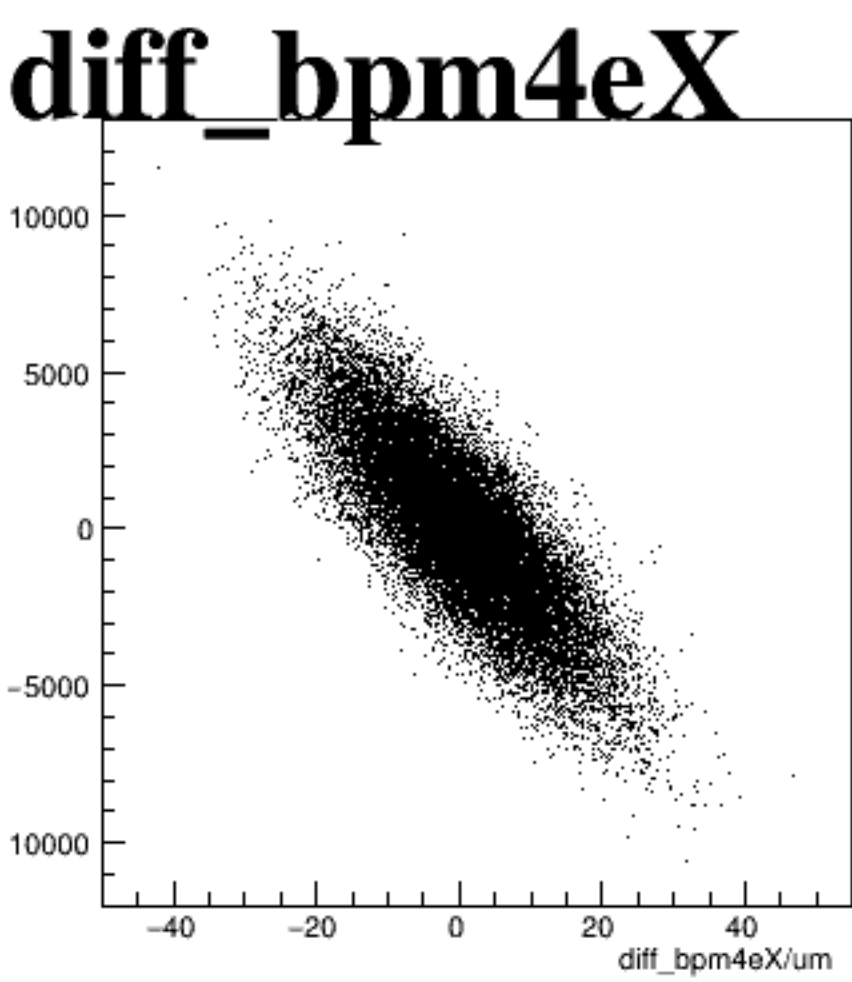
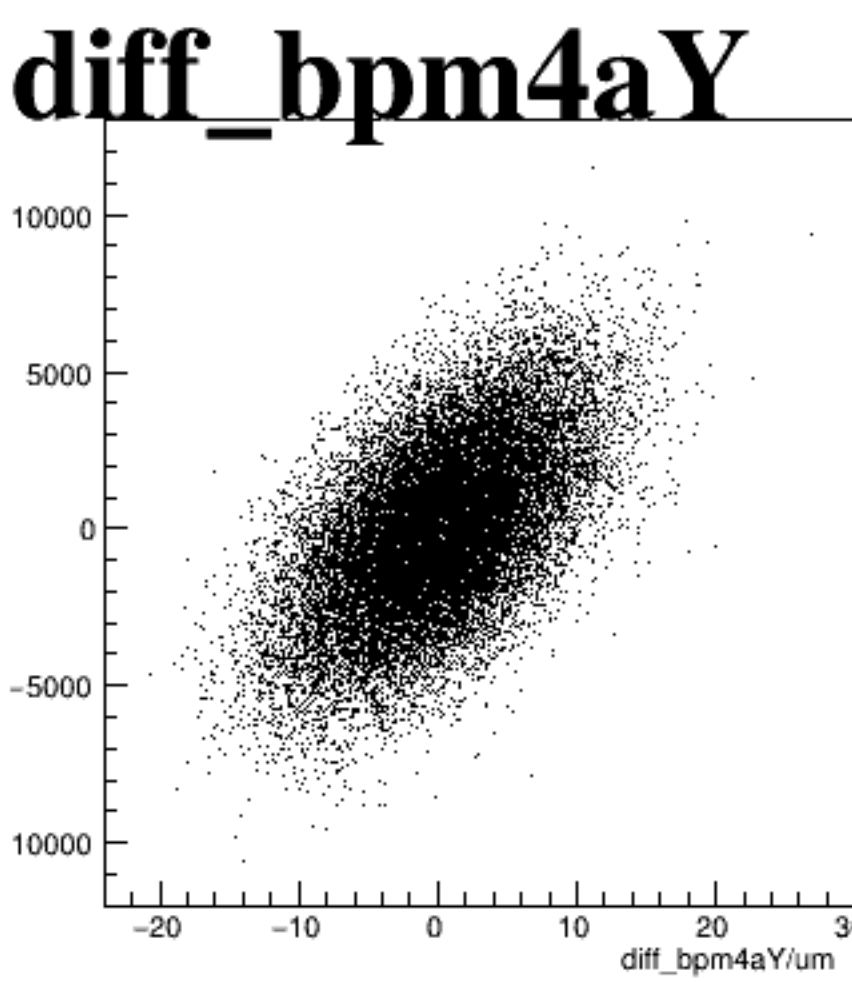
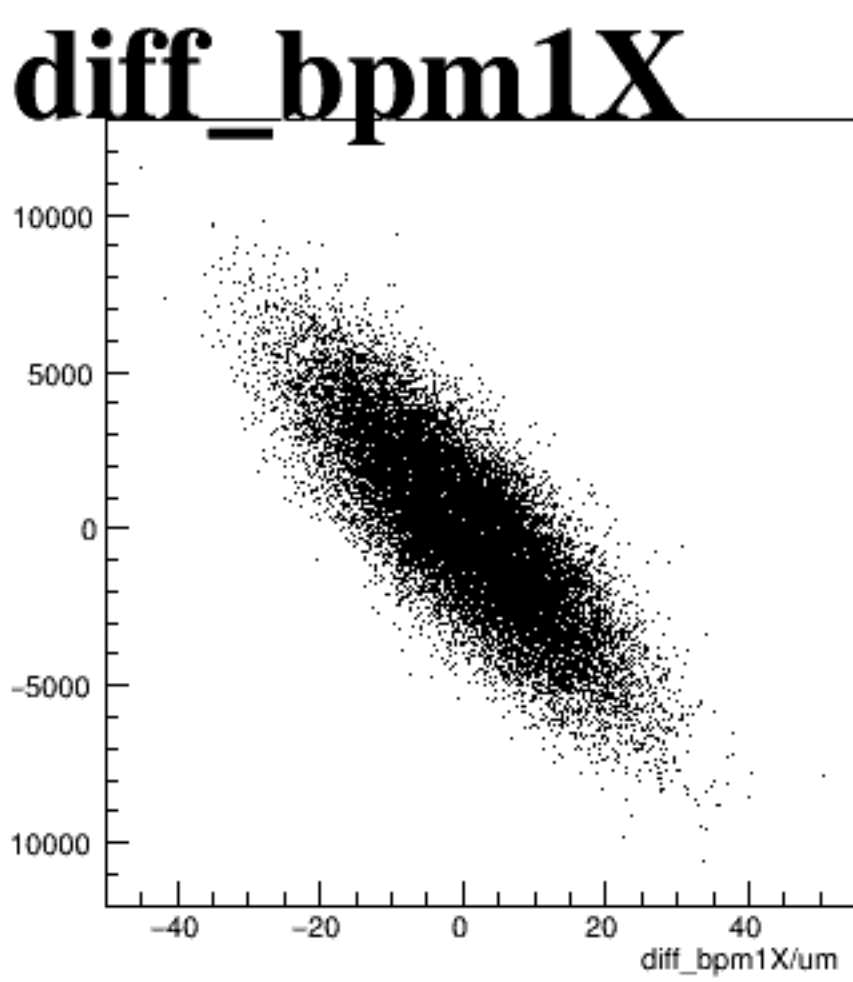
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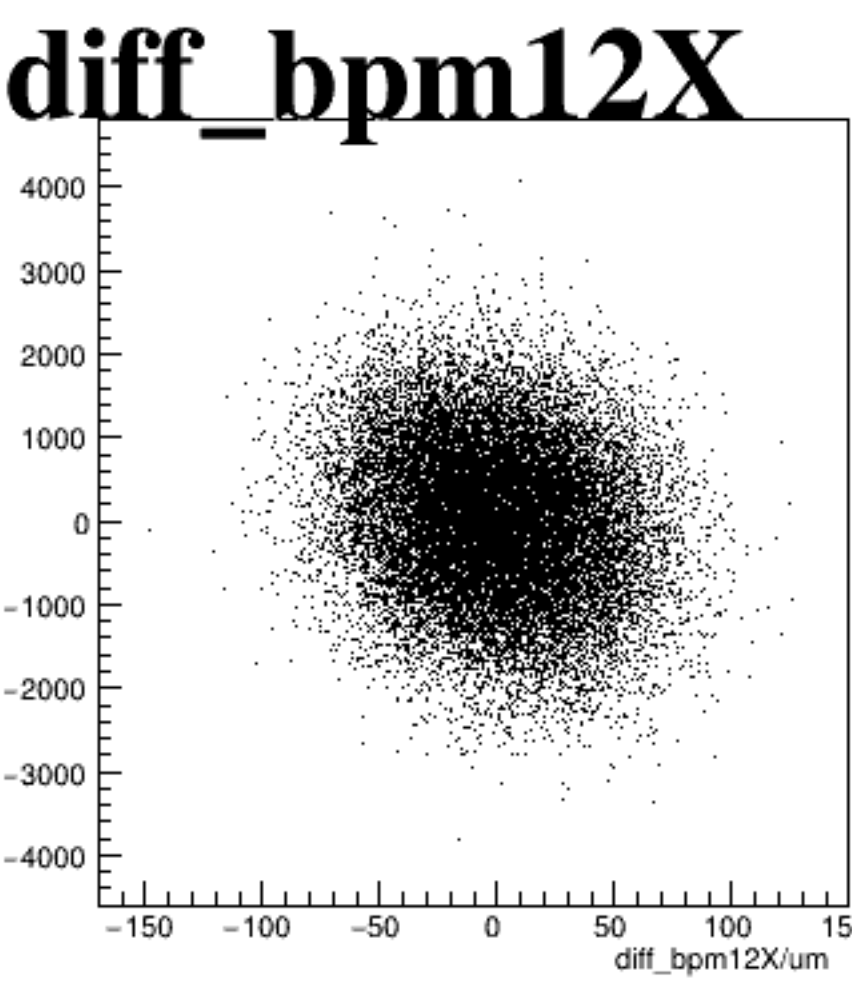
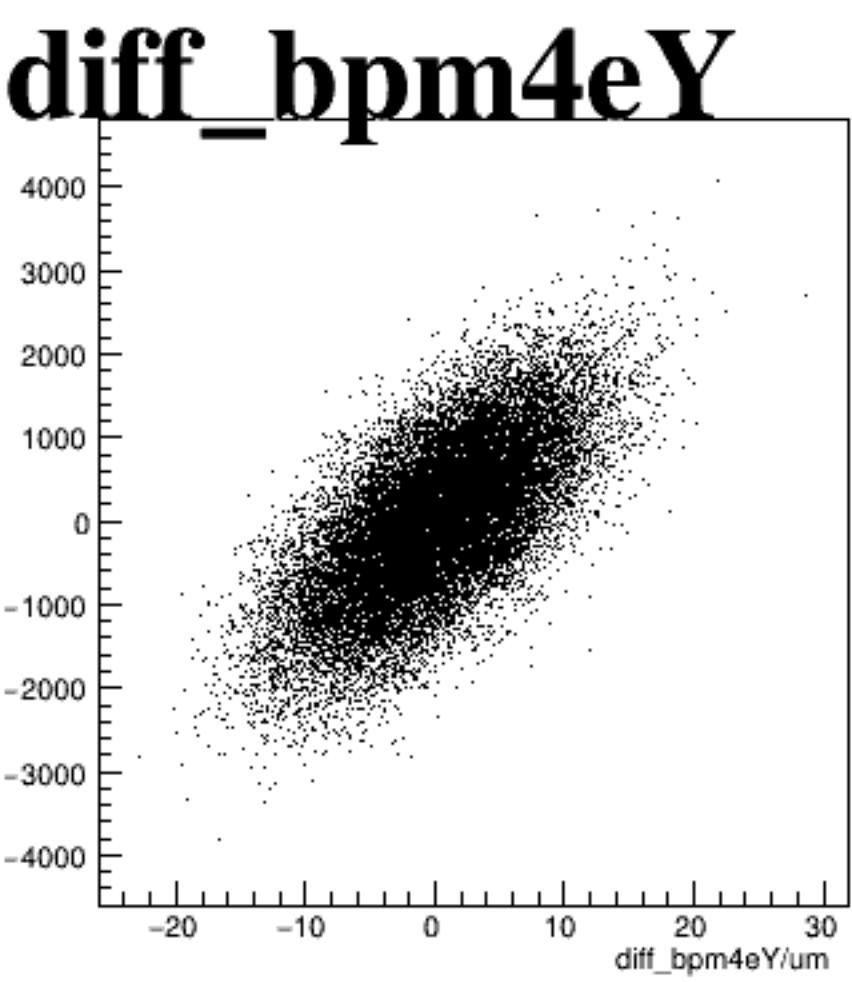
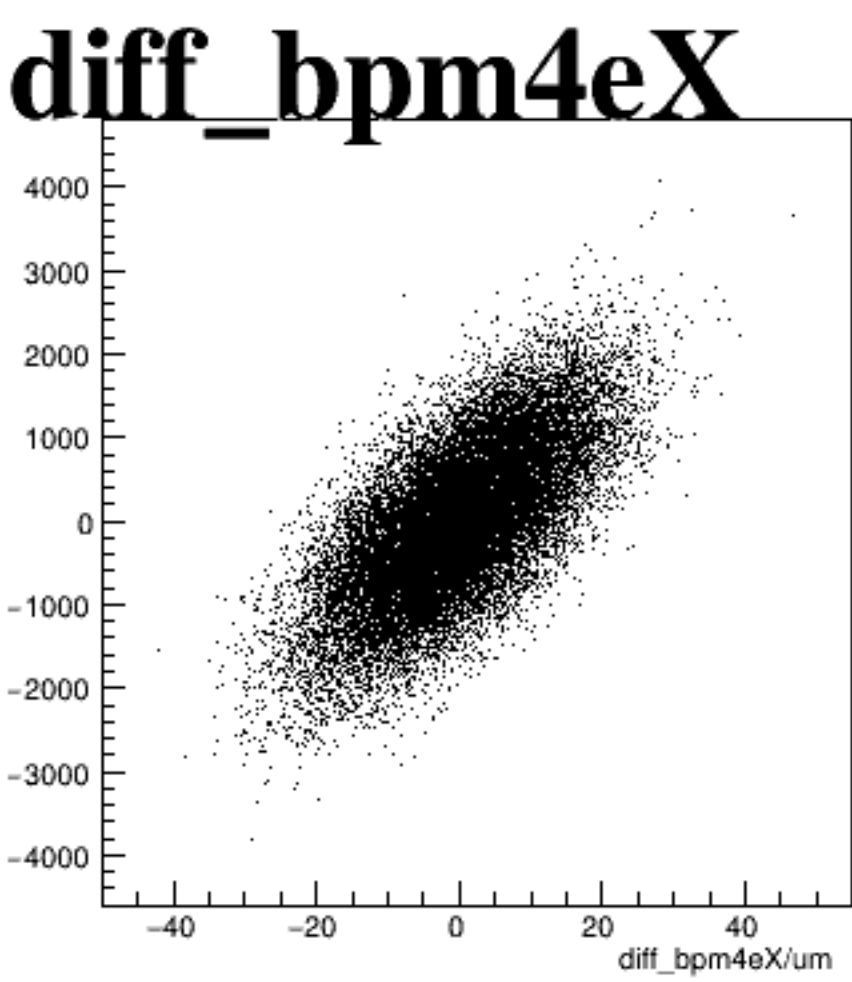
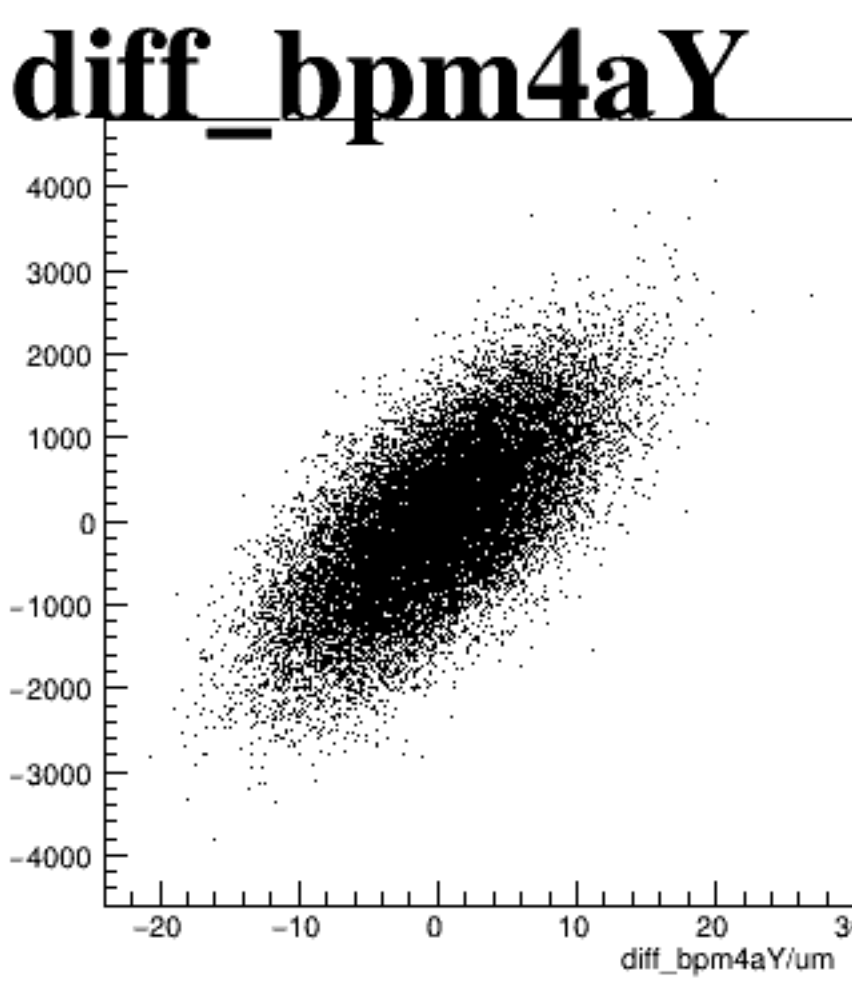
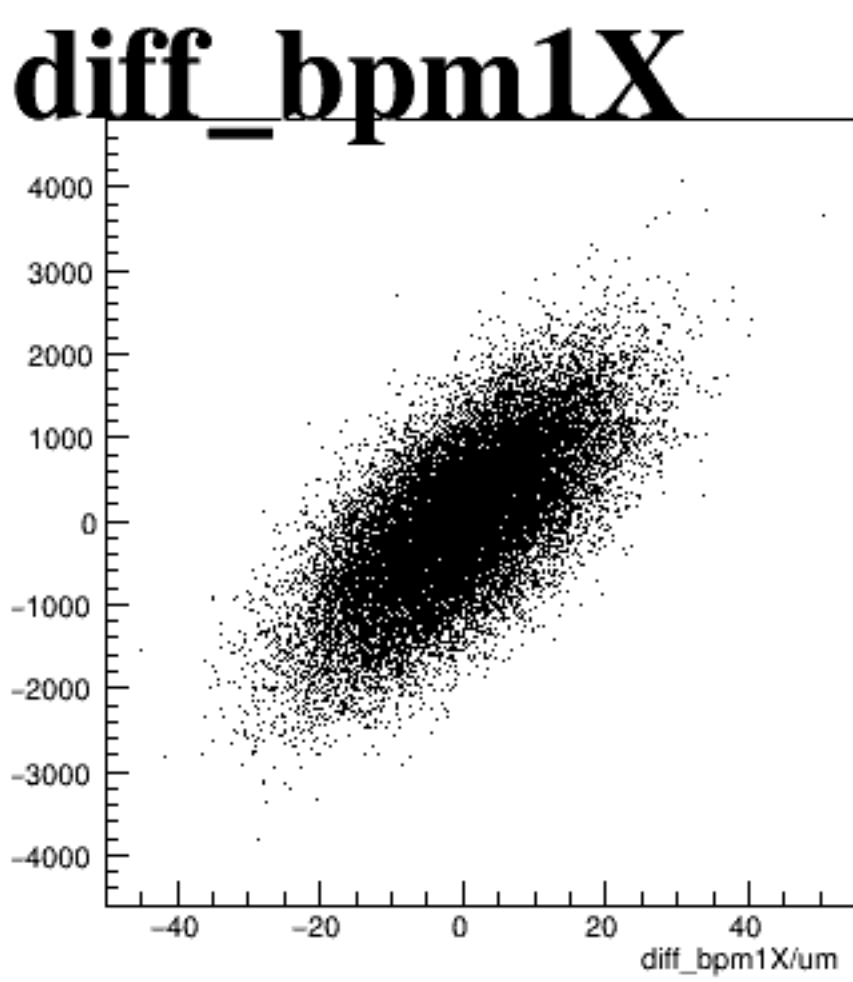
asym_sam2



asym_sam4



asym_sam6



asym_sam8

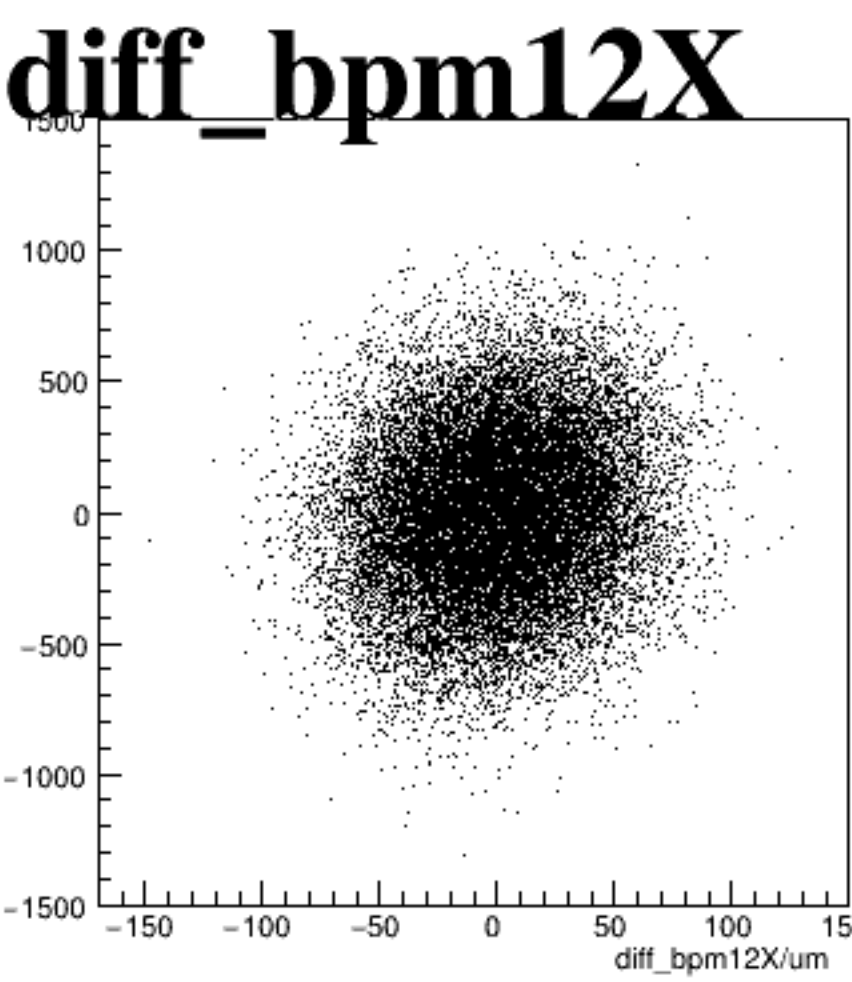
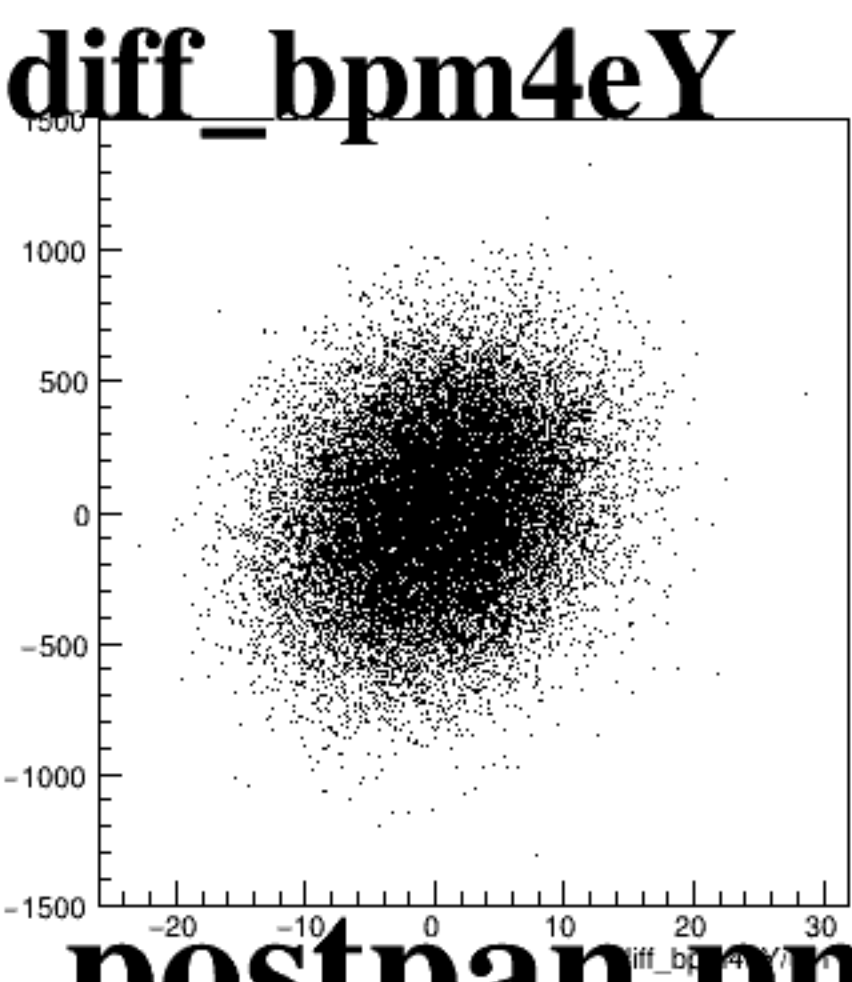
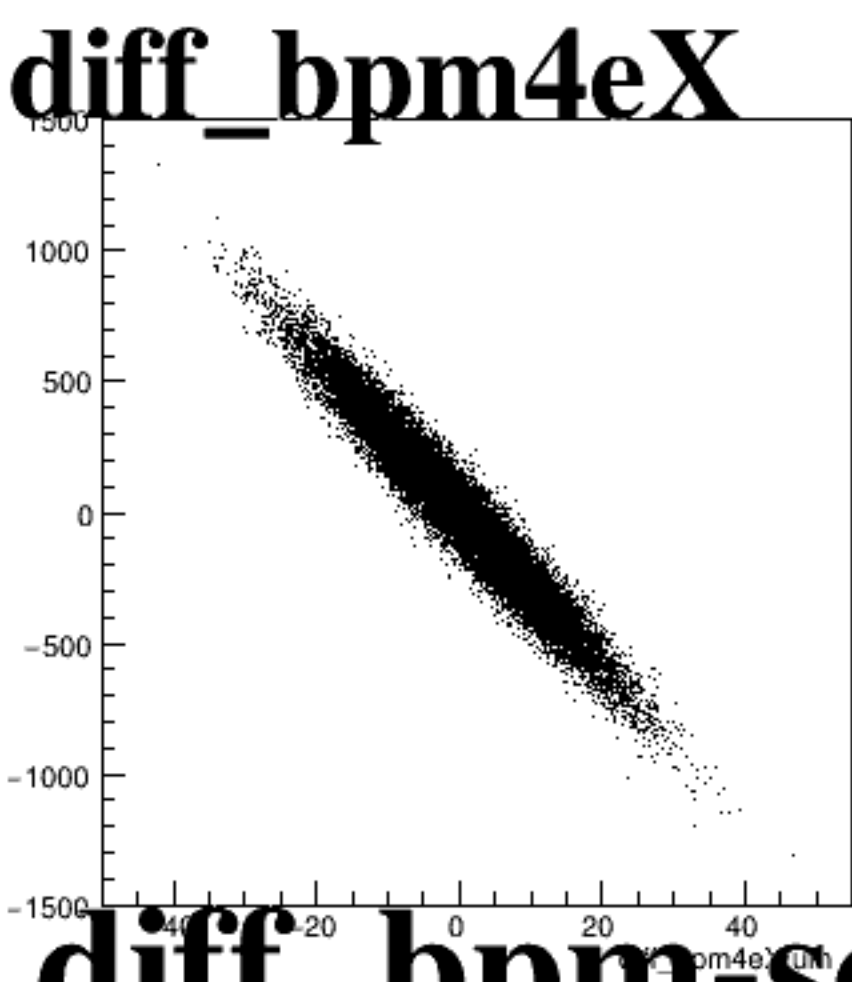
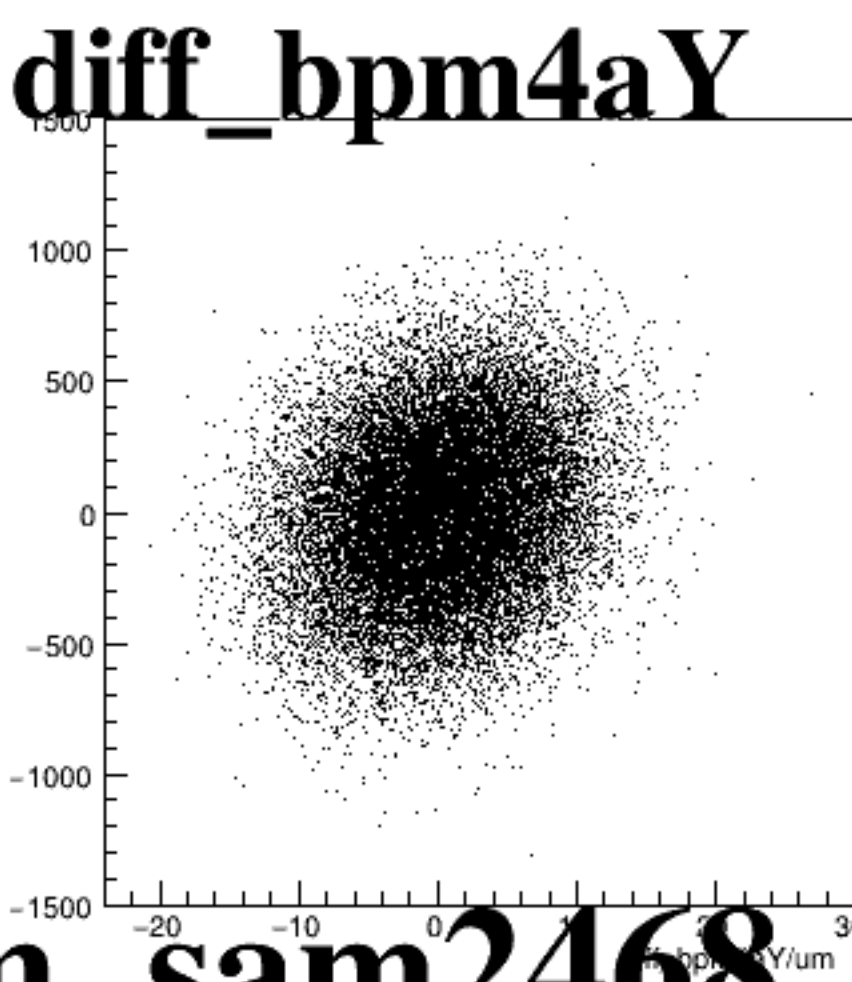
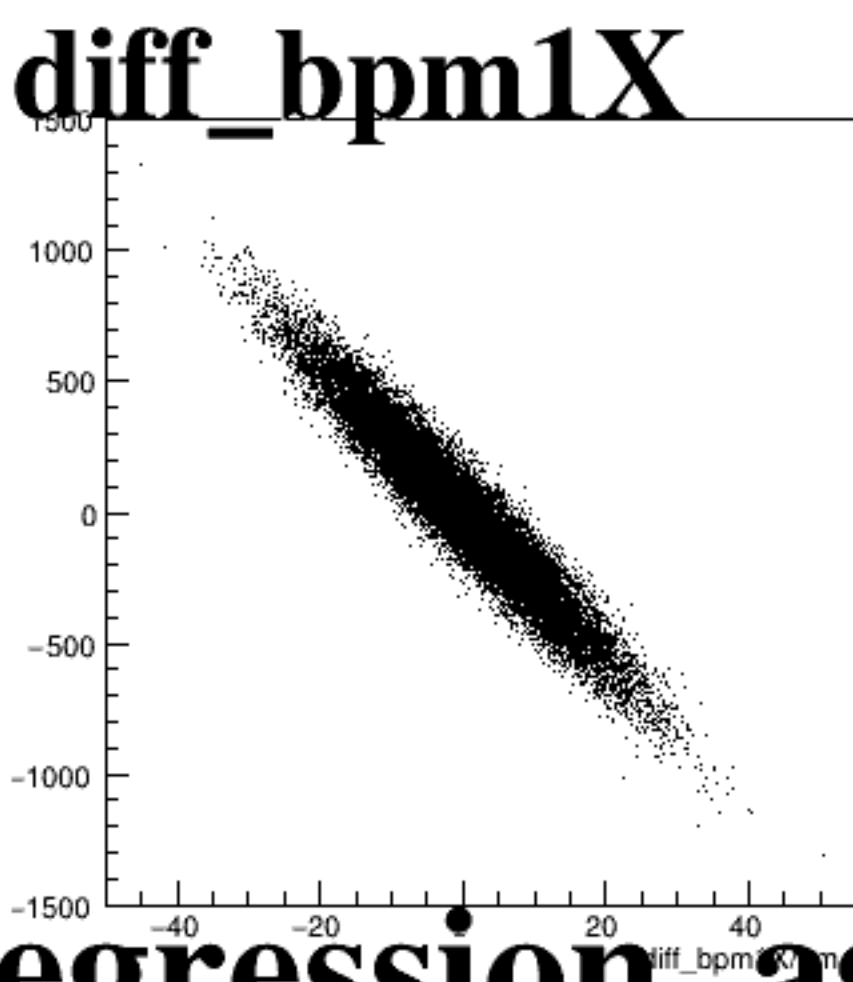
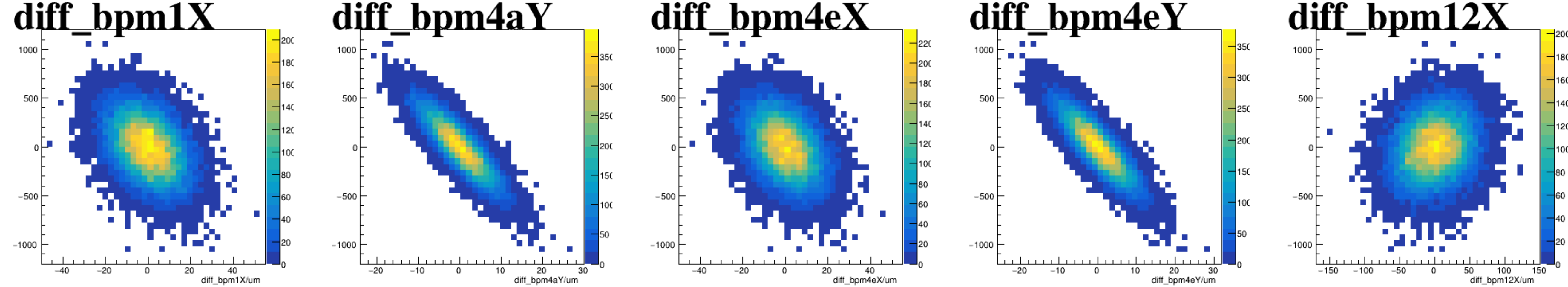
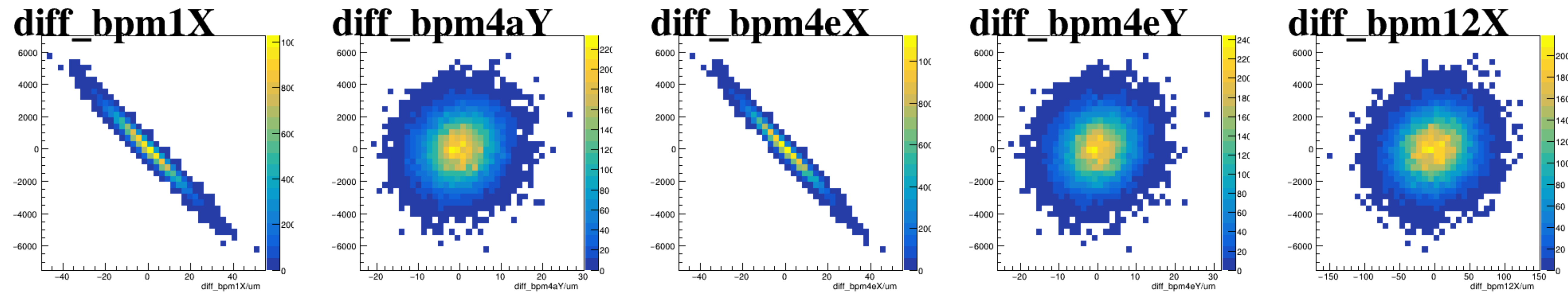


Figure 1 displays five scatter plots showing the distribution of difference coordinates for different BPMs. The plots are titled: **diff_bpm1X**, **diff_bpm4aY**, **diff_bpm4eX**, **diff_bpm4eY**, and **diff_bpm12X**. Each plot shows a dense cloud of points centered around the origin, with axes ranging from -600 to 600 for the Y-axis and varying for the X-axis.

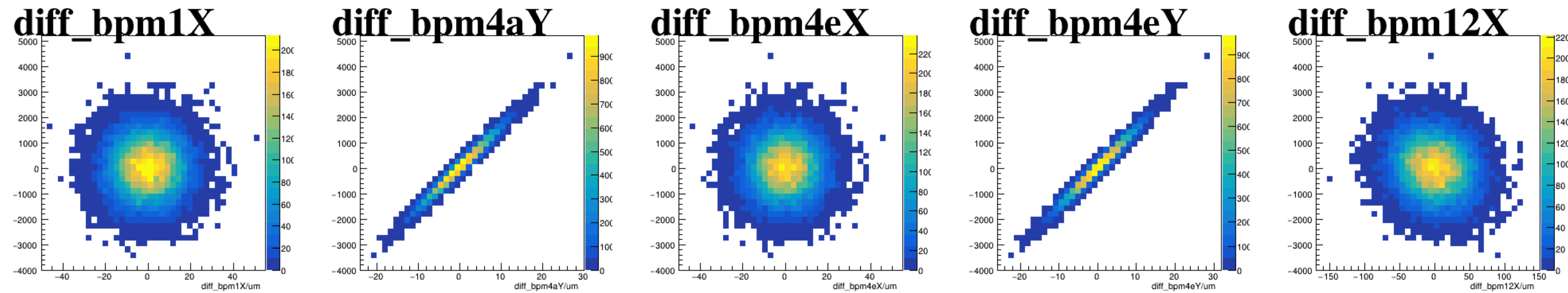
asym_sam1



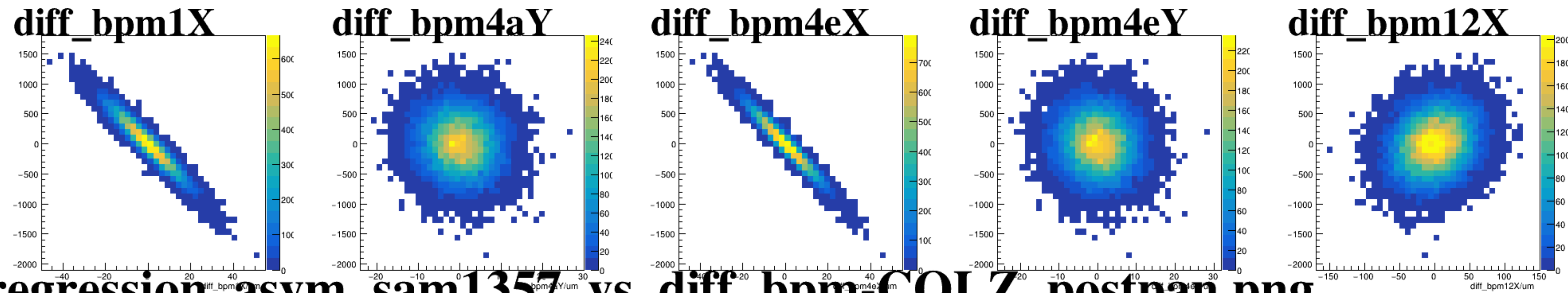
asym_sam3



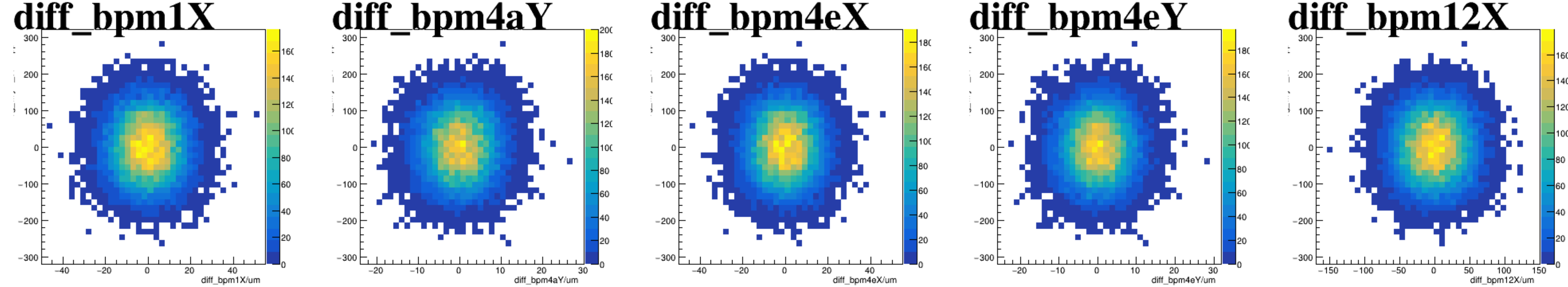
asym_sam5



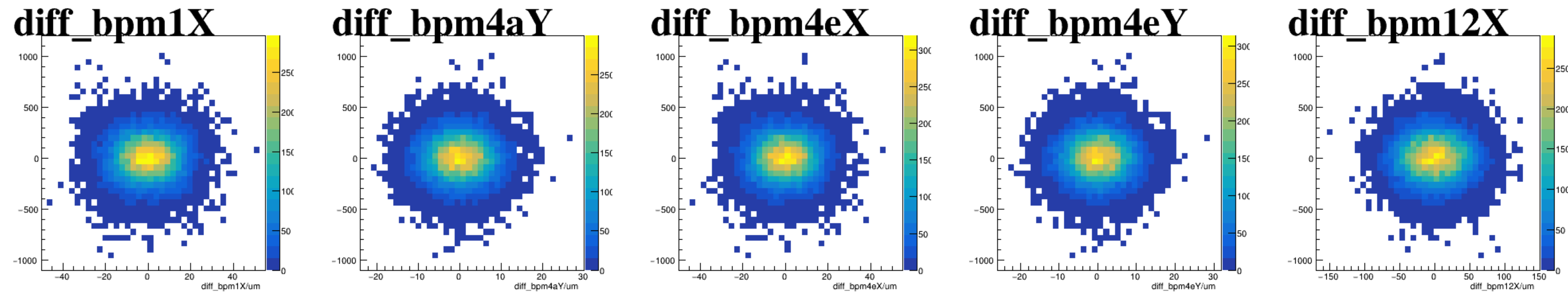
asym_sam7



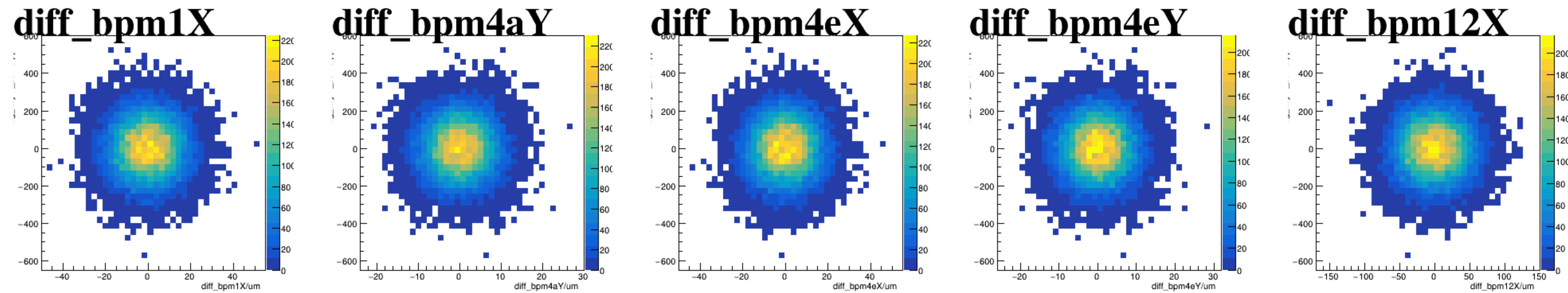
reg_asym_sam1



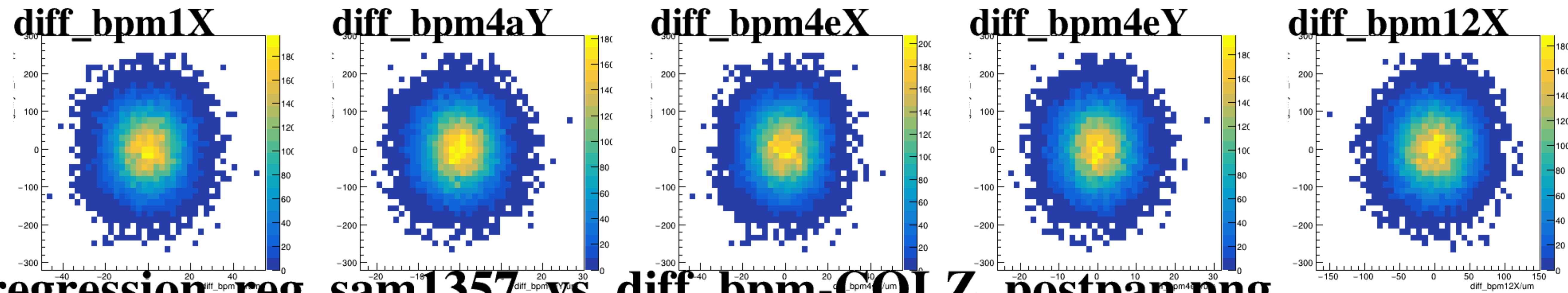
reg_asym_sam3



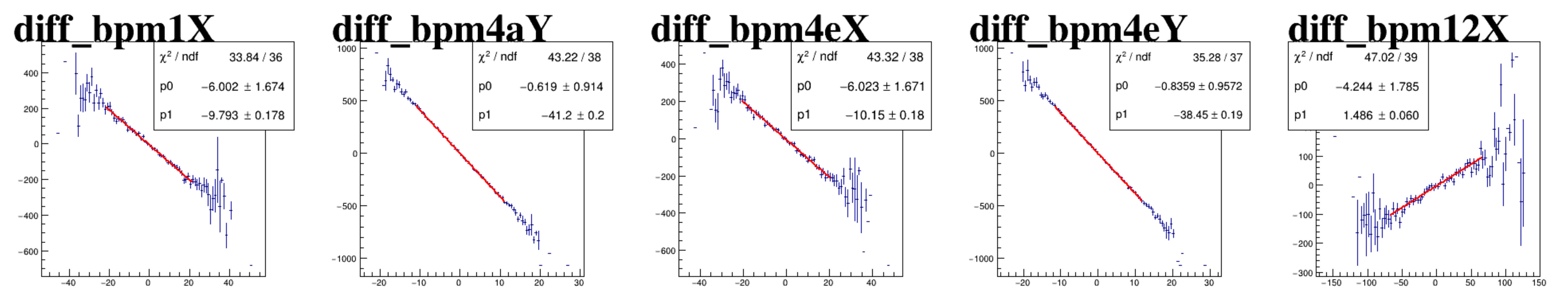
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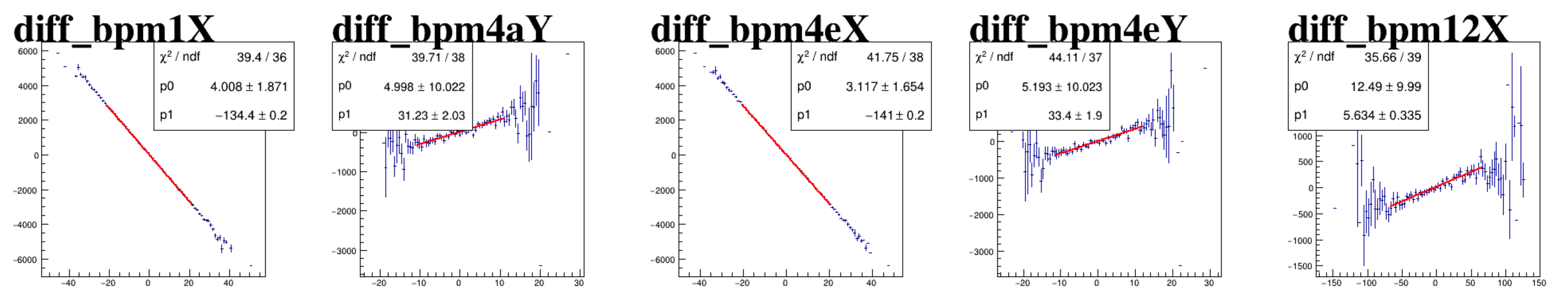
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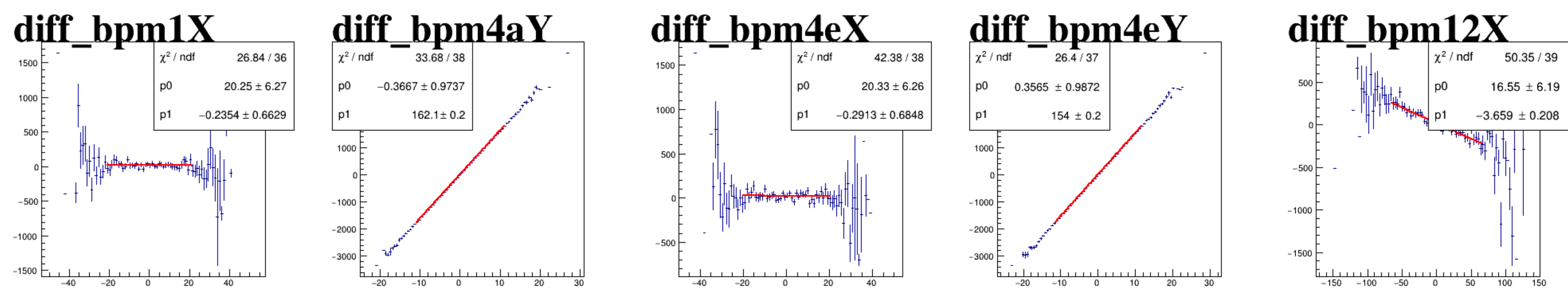
asym_sam1



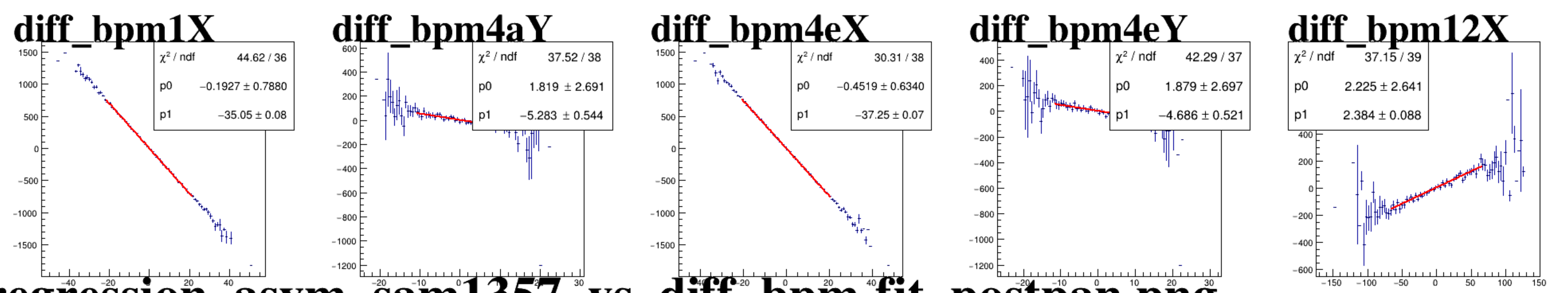
asym_sam3



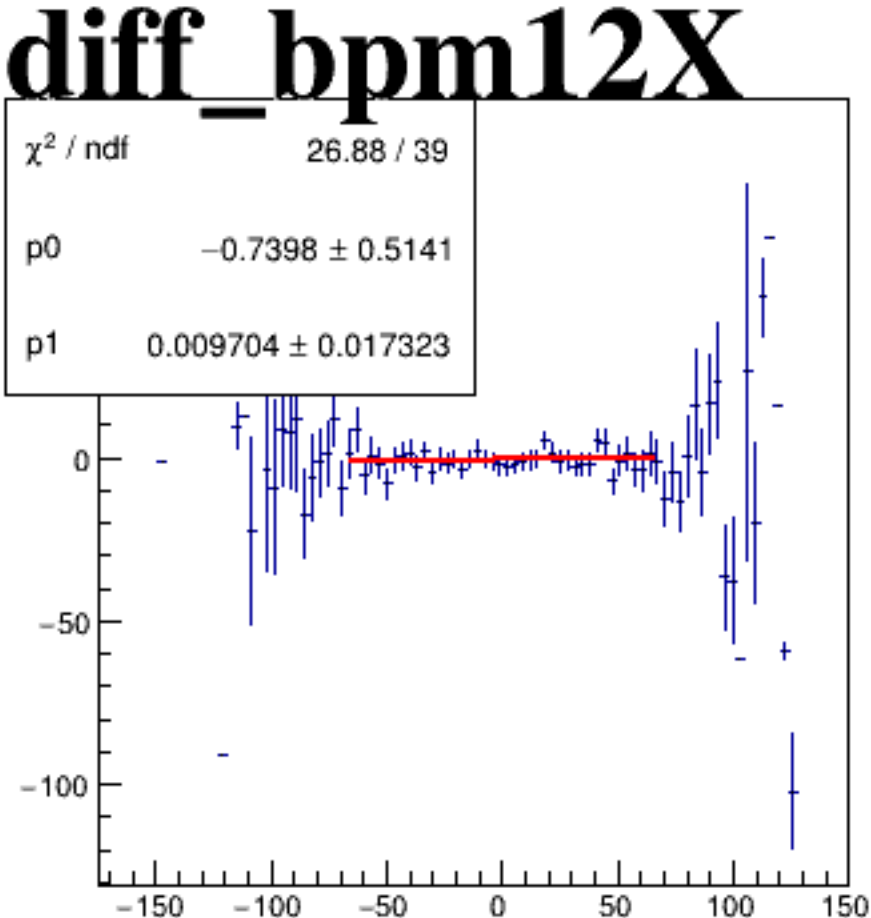
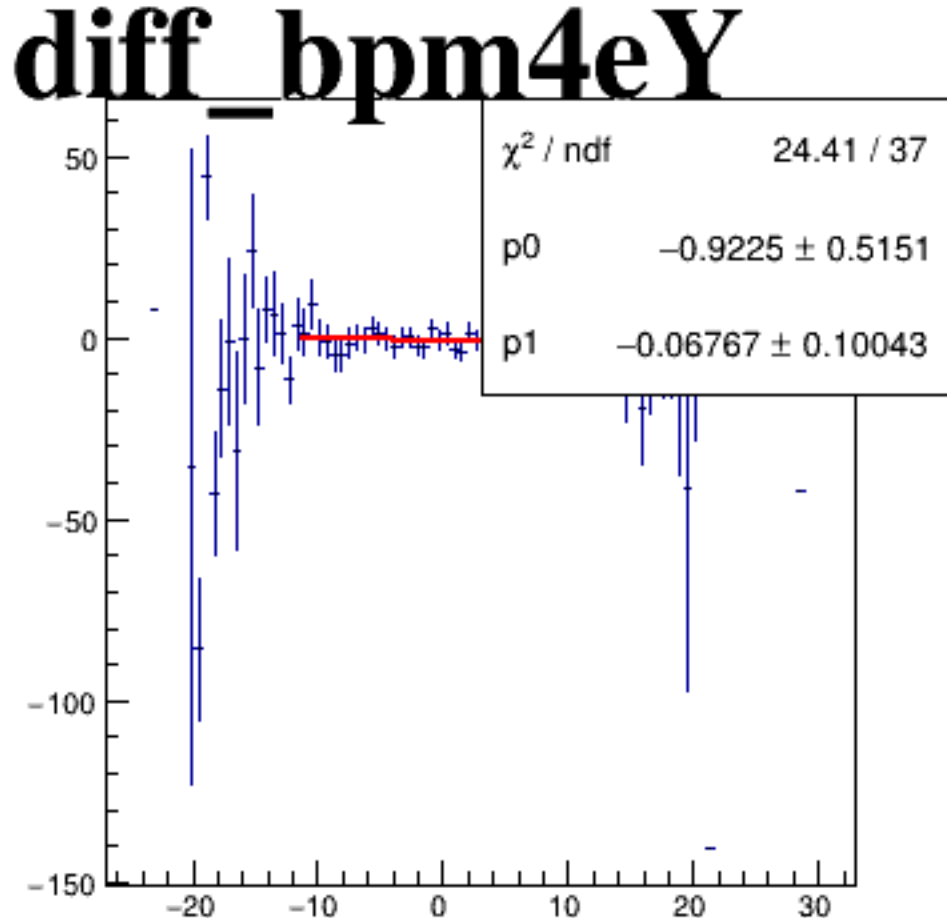
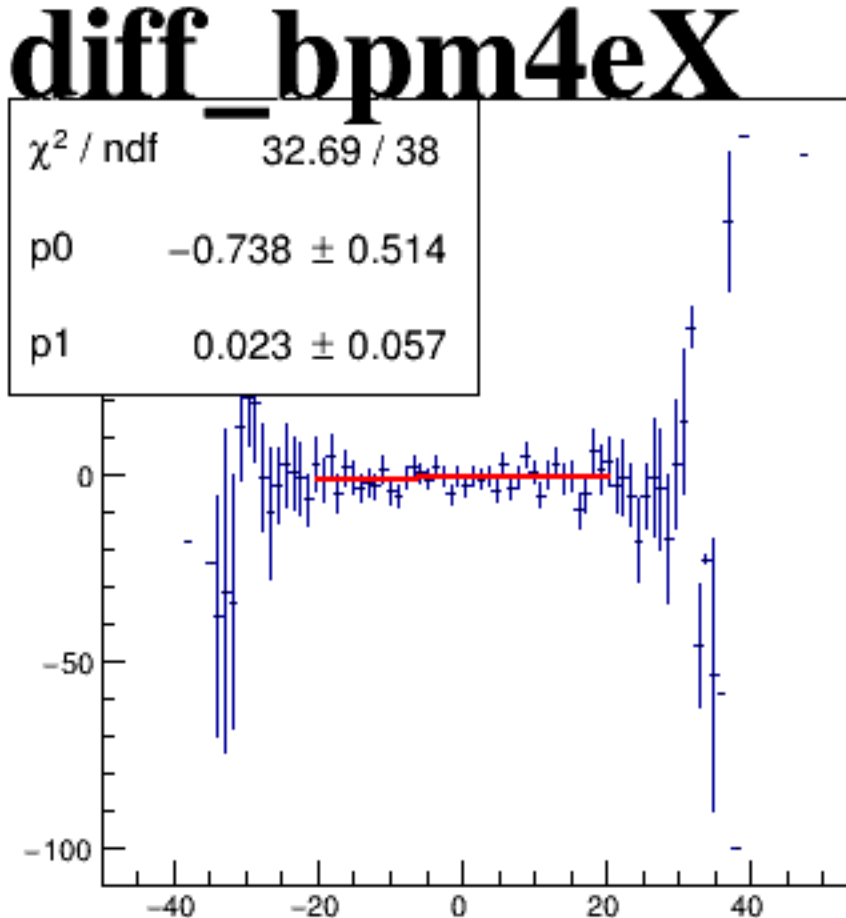
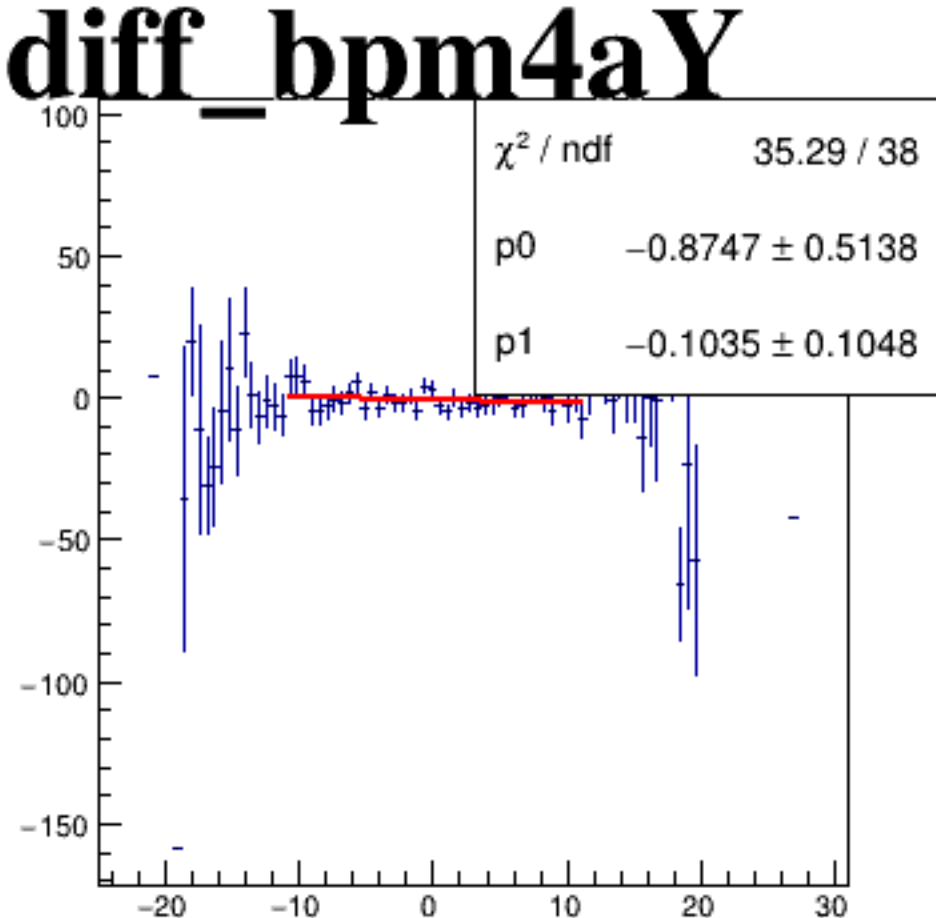
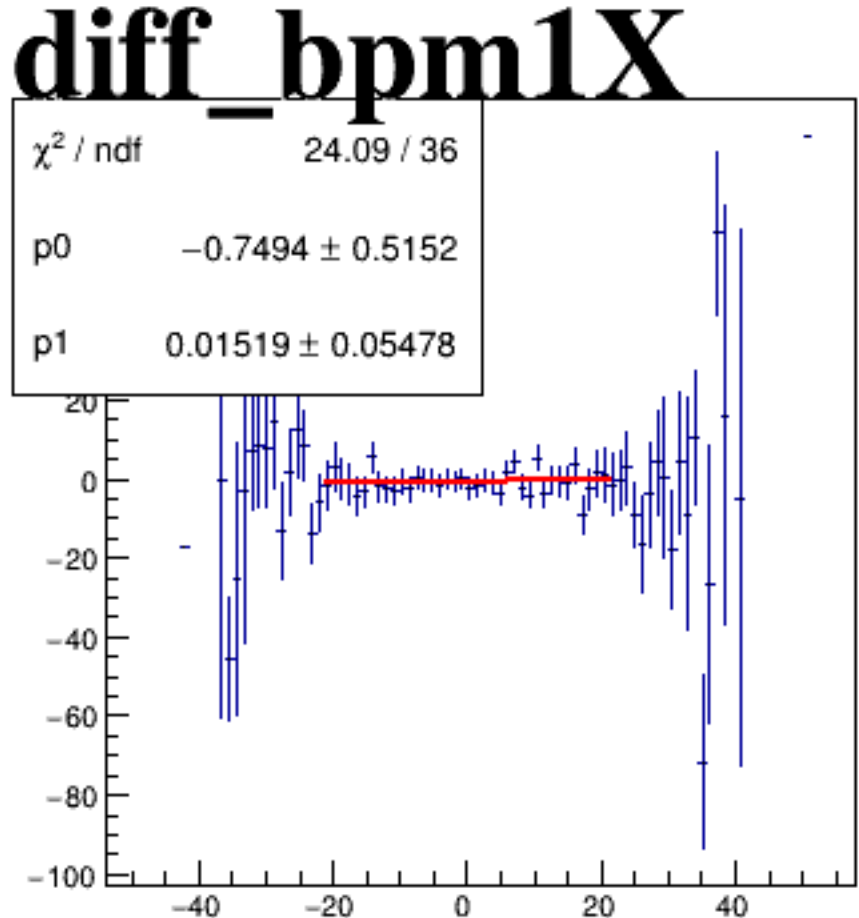
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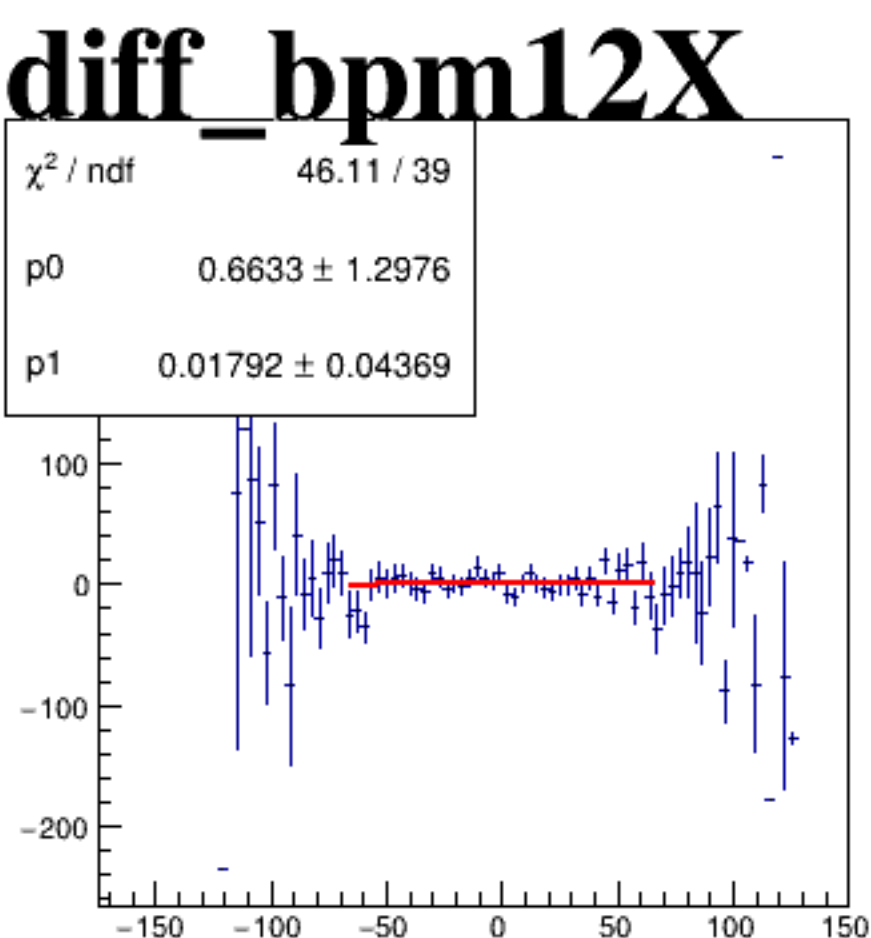
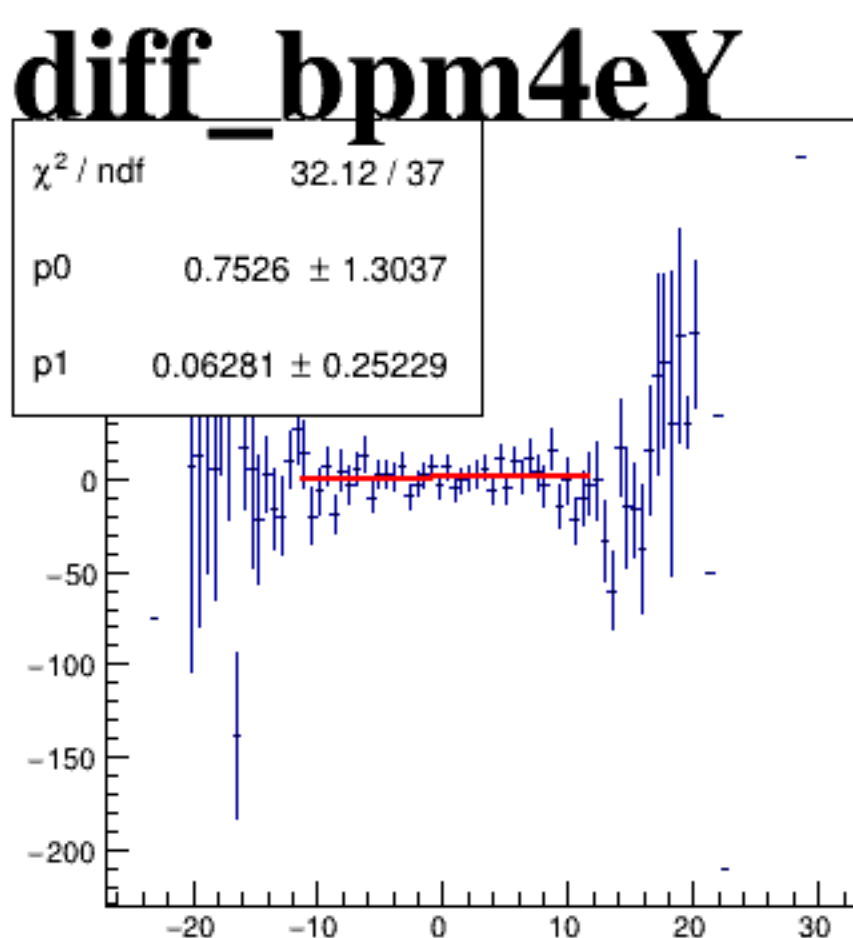
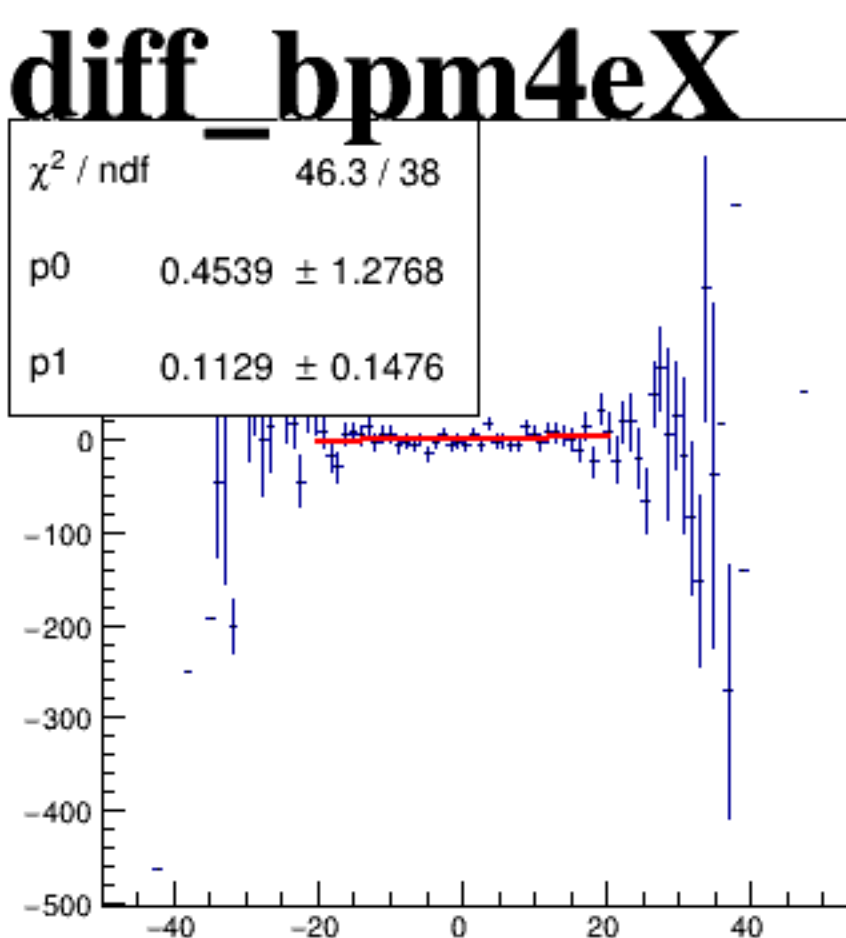
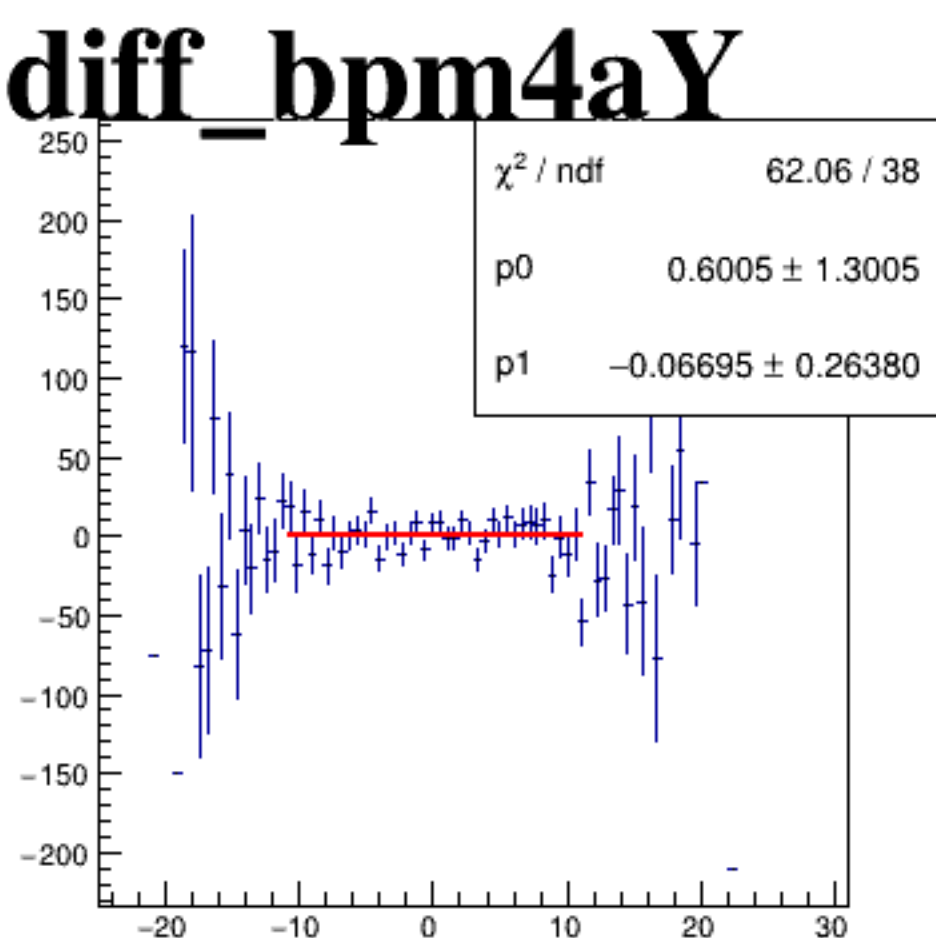
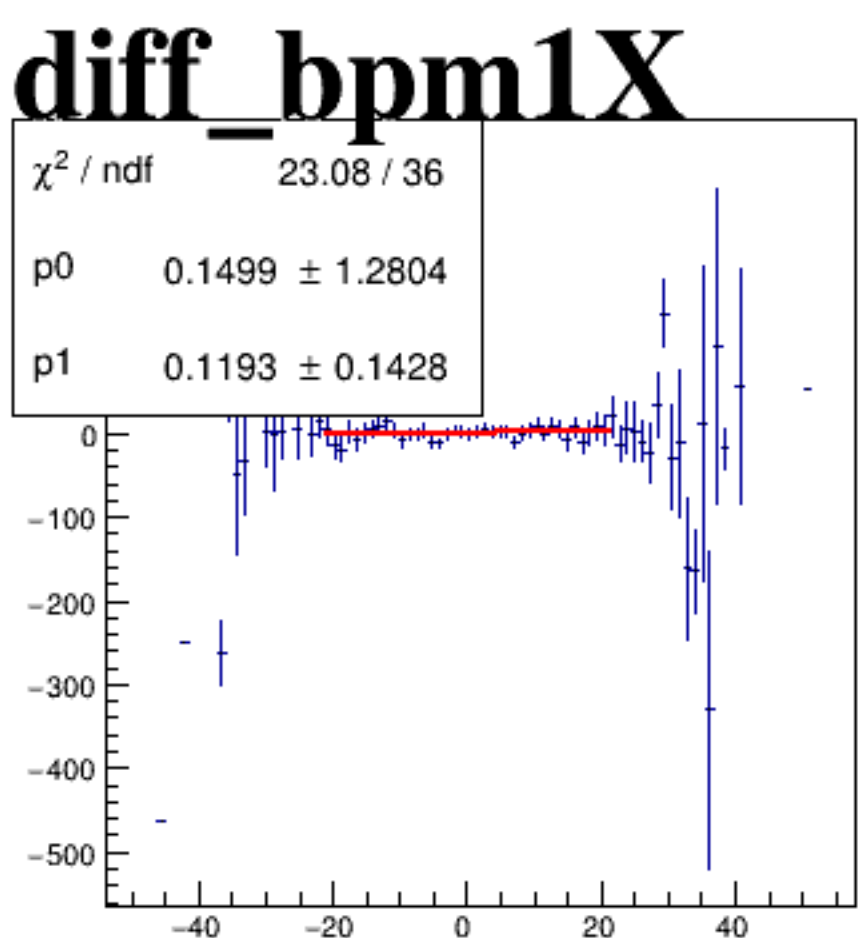
asym_sam7



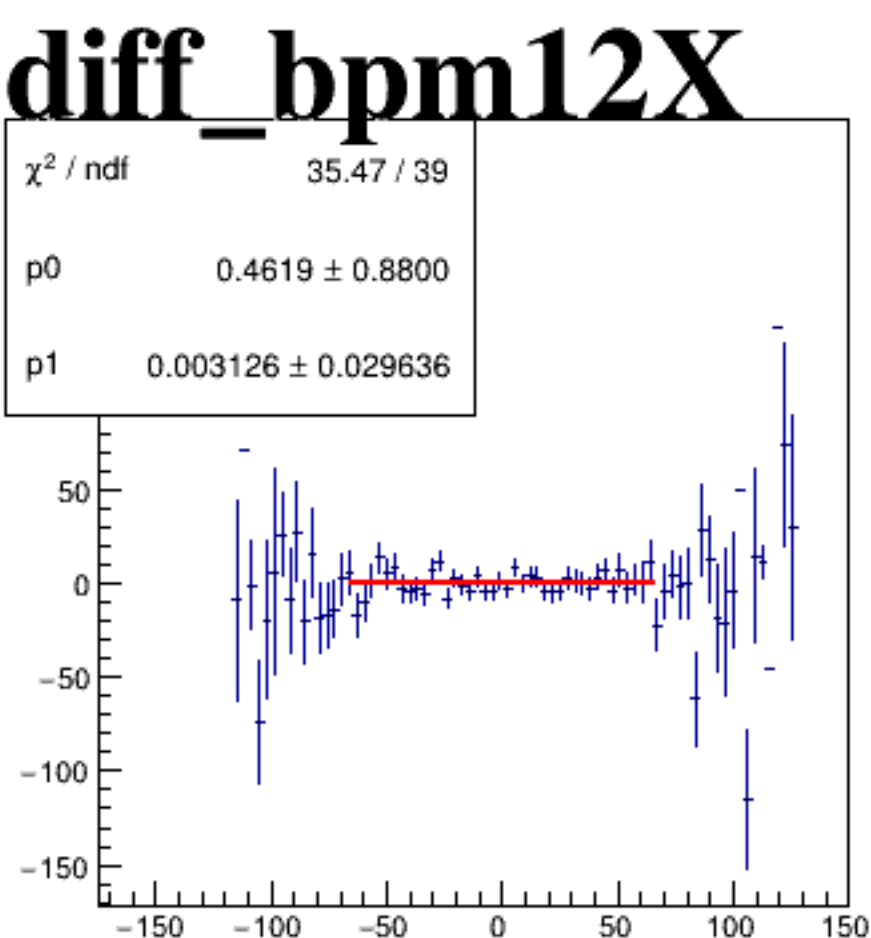
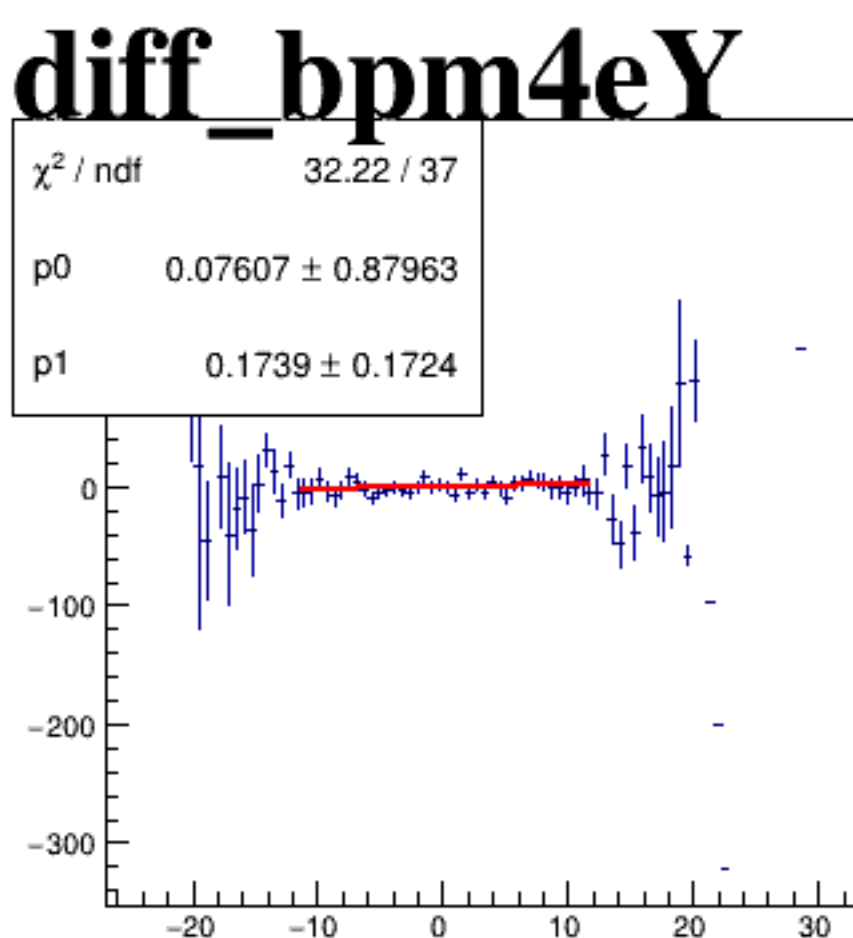
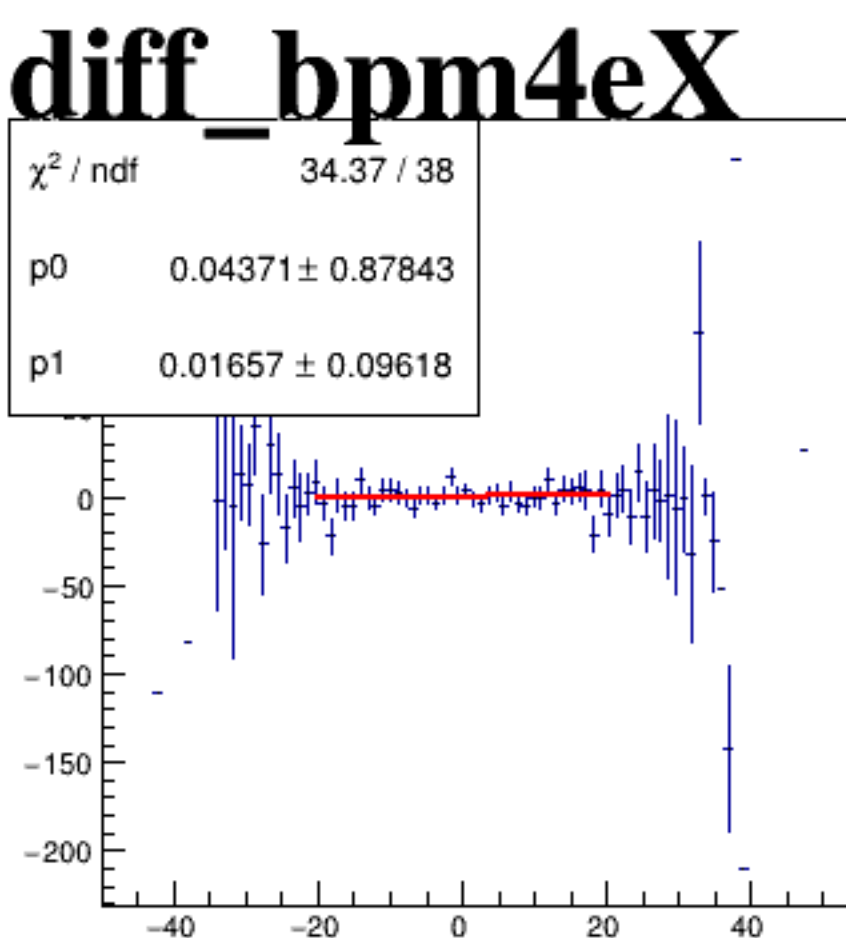
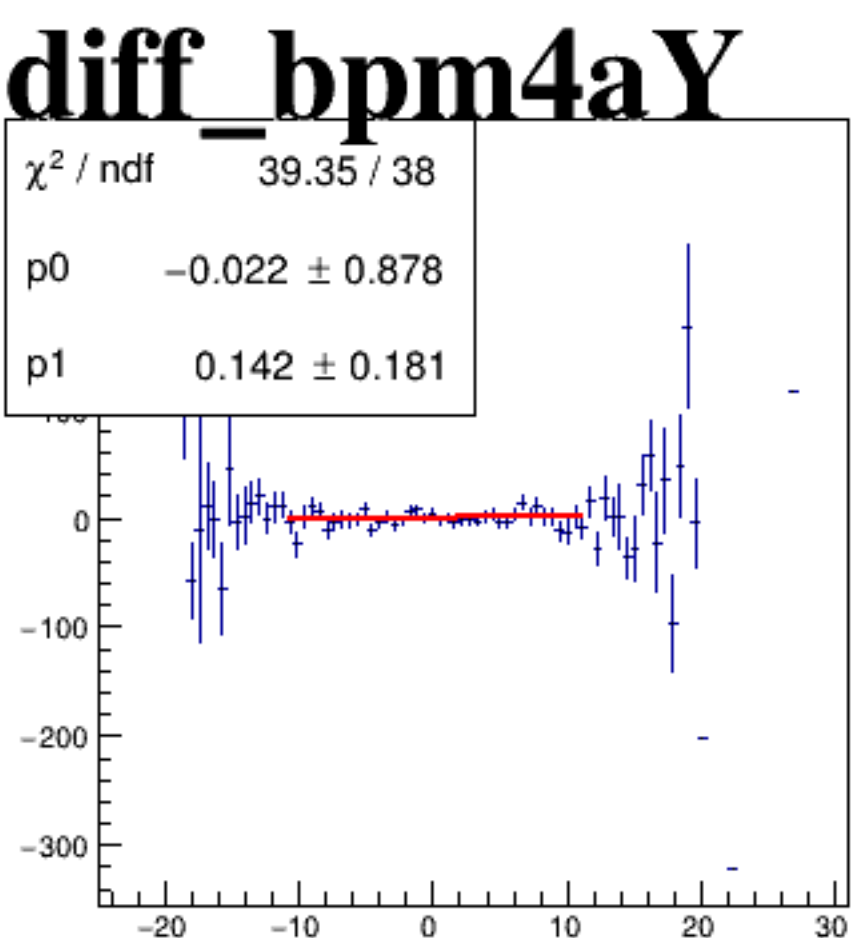
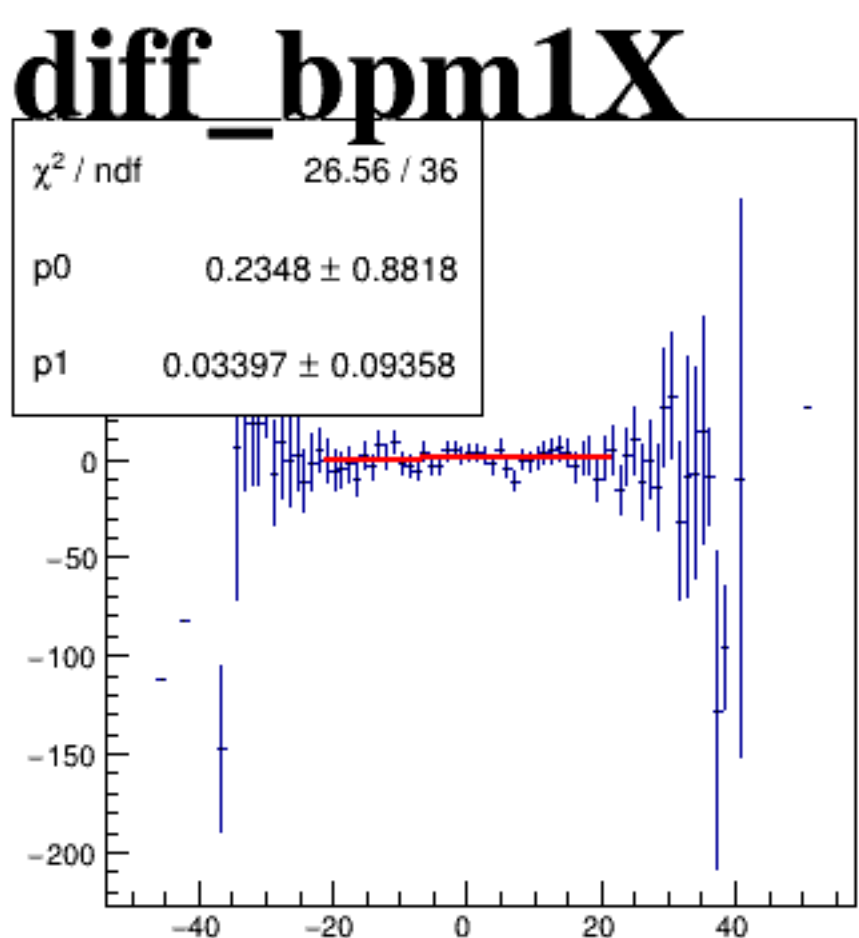
reg_asym_sam1



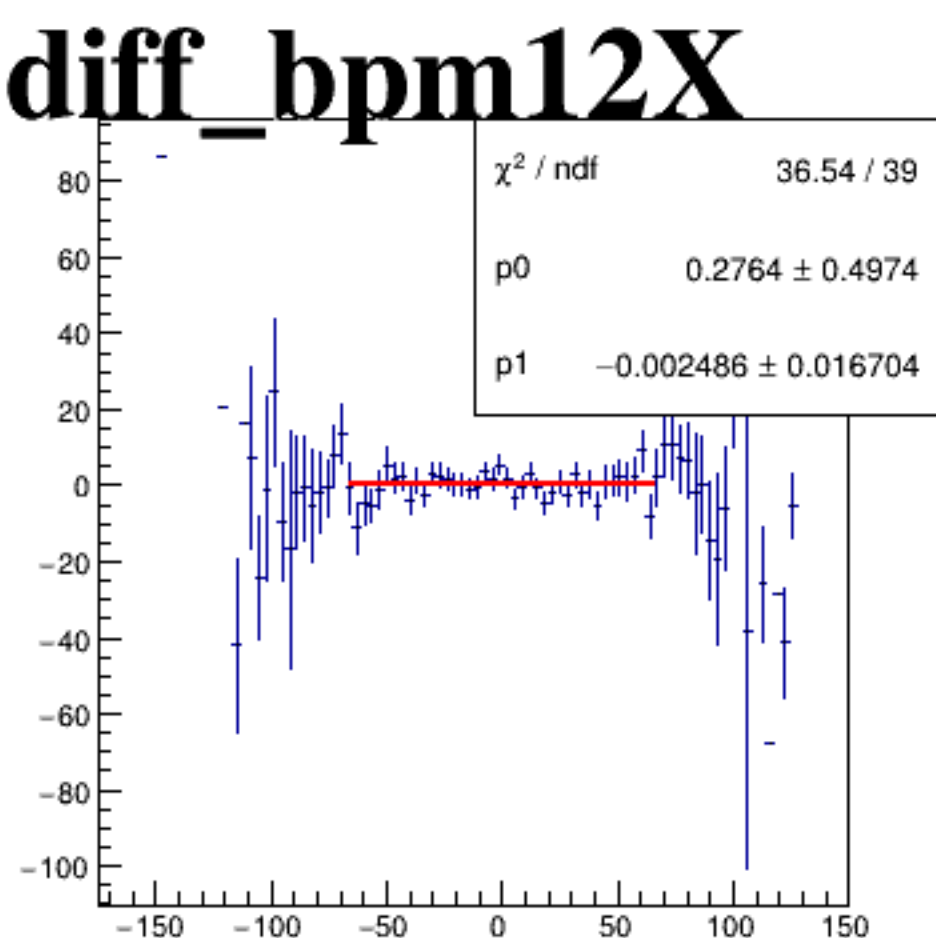
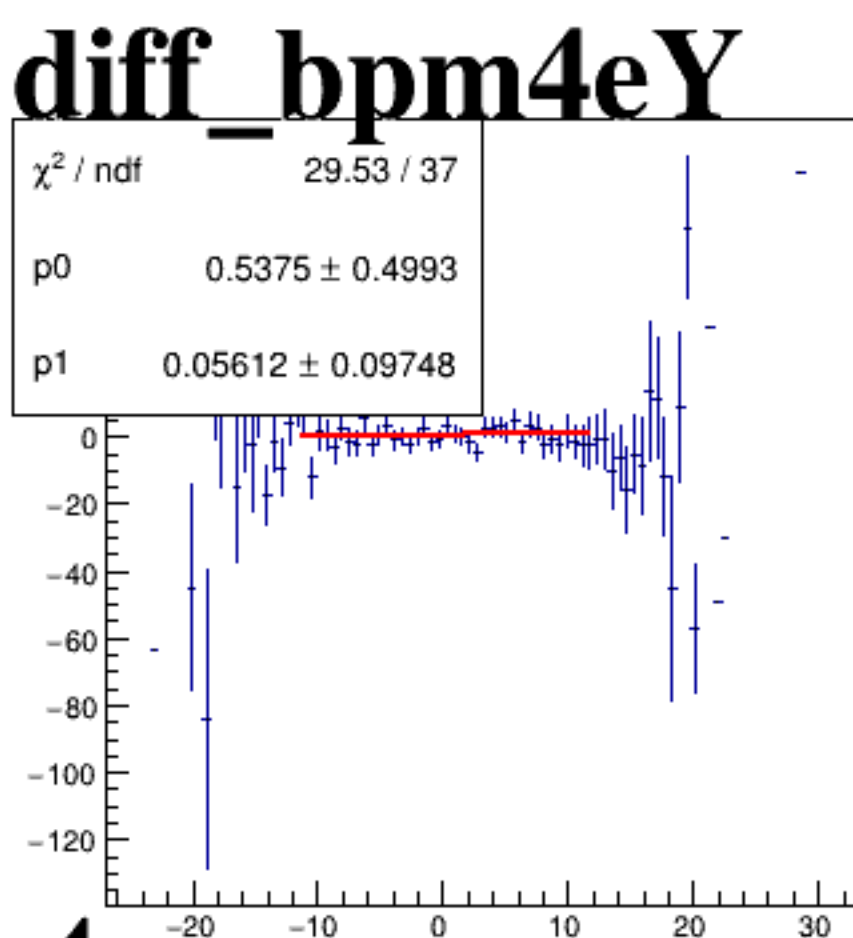
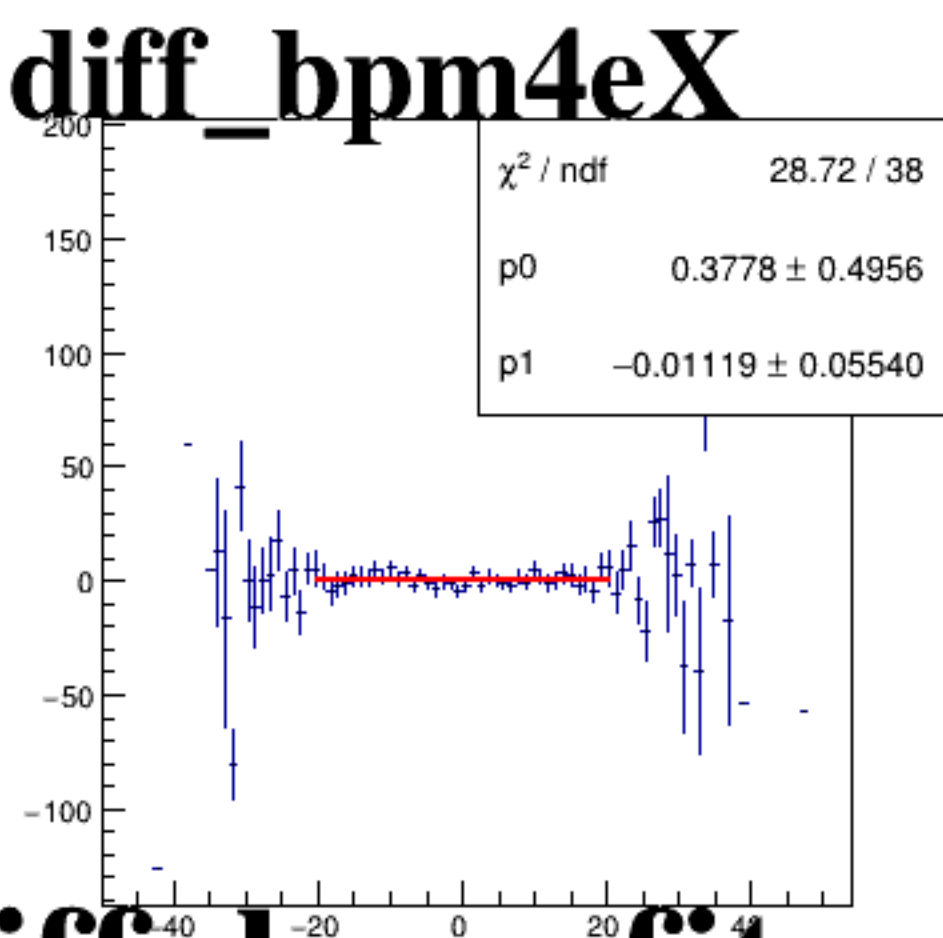
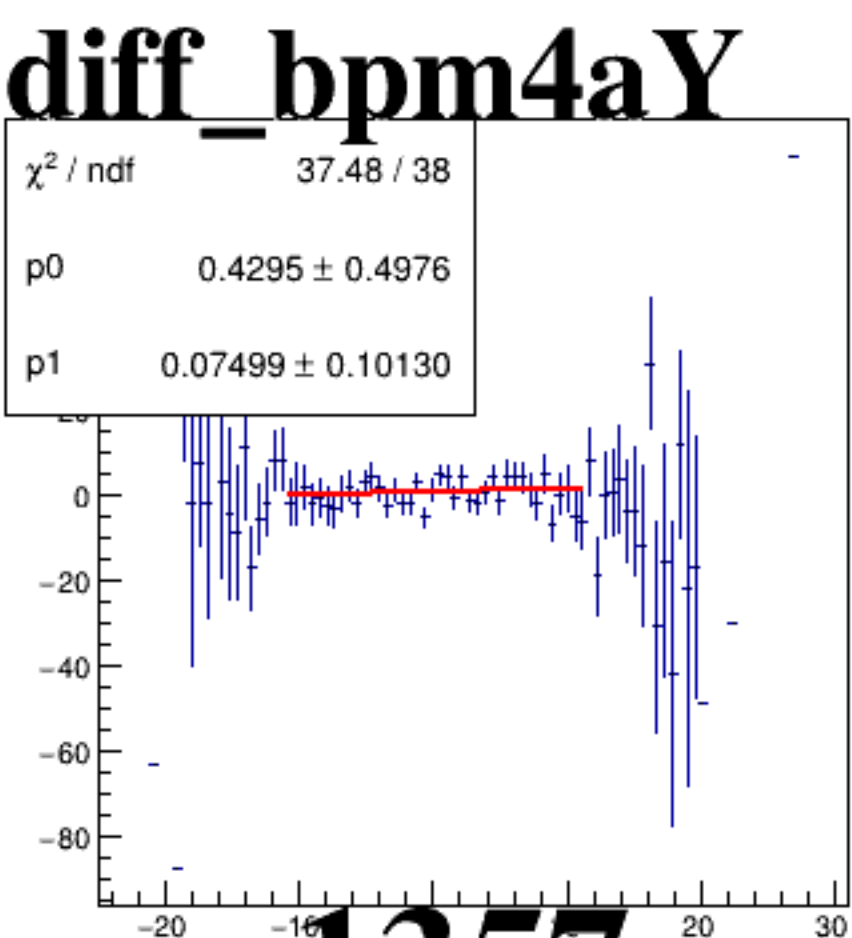
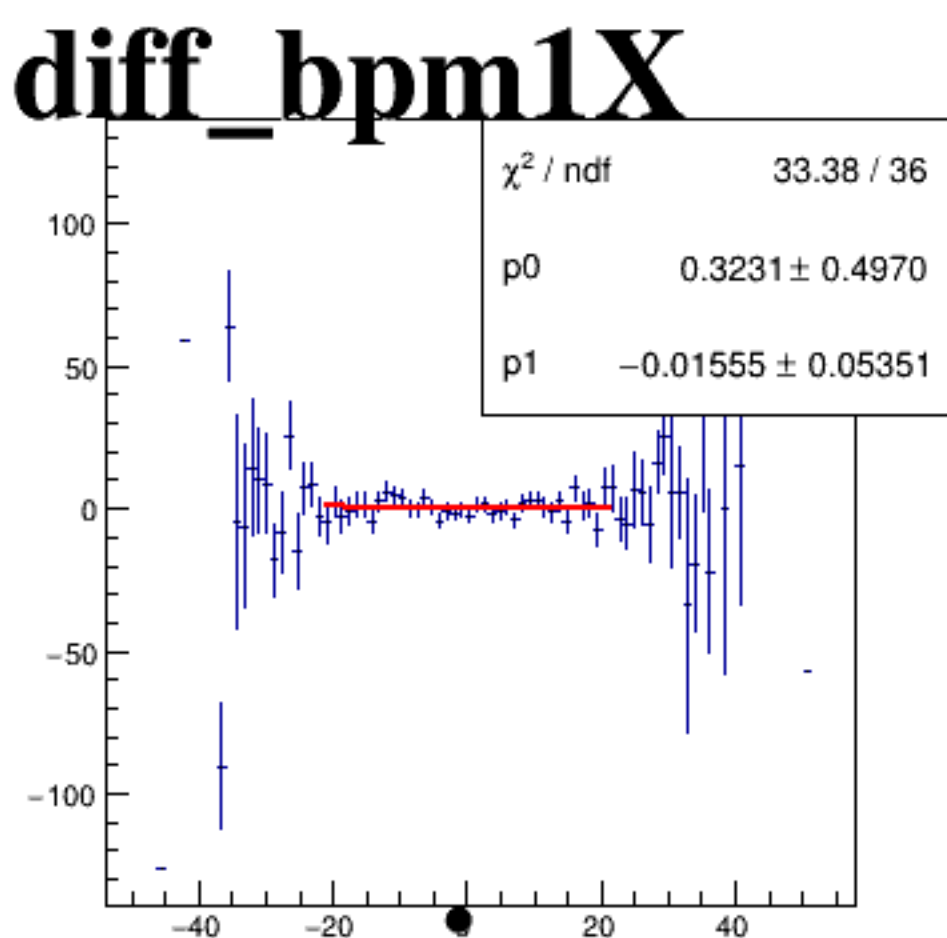
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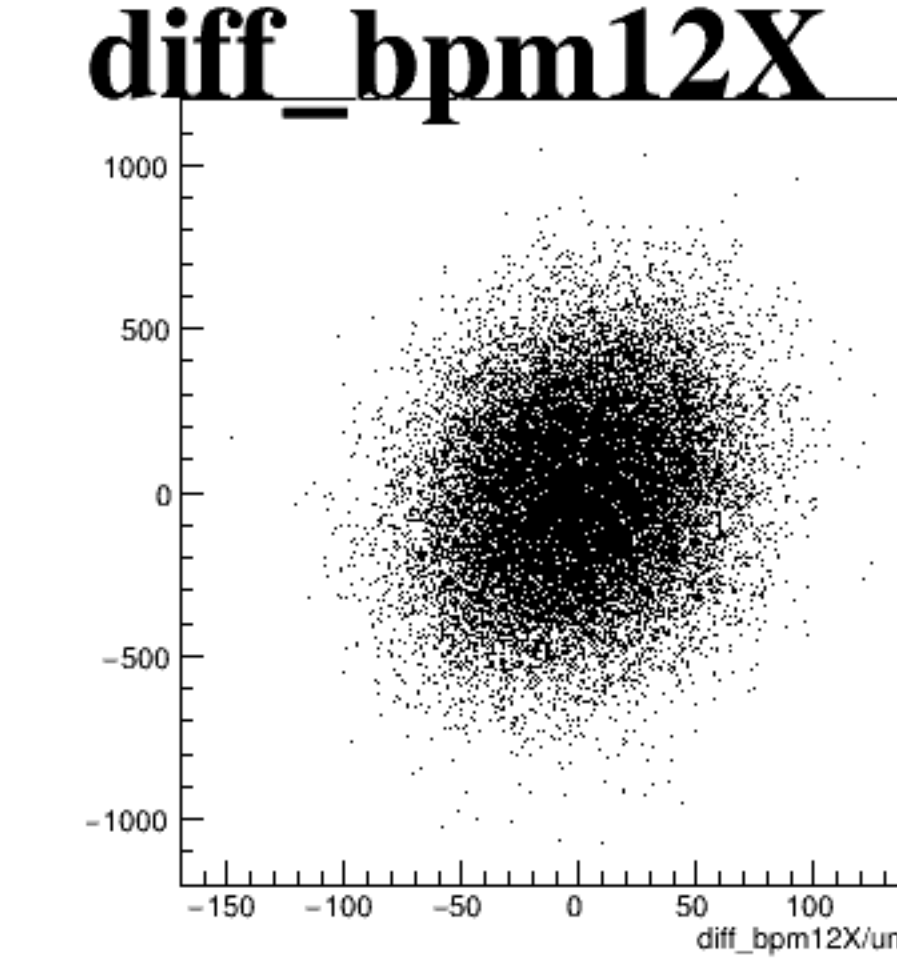
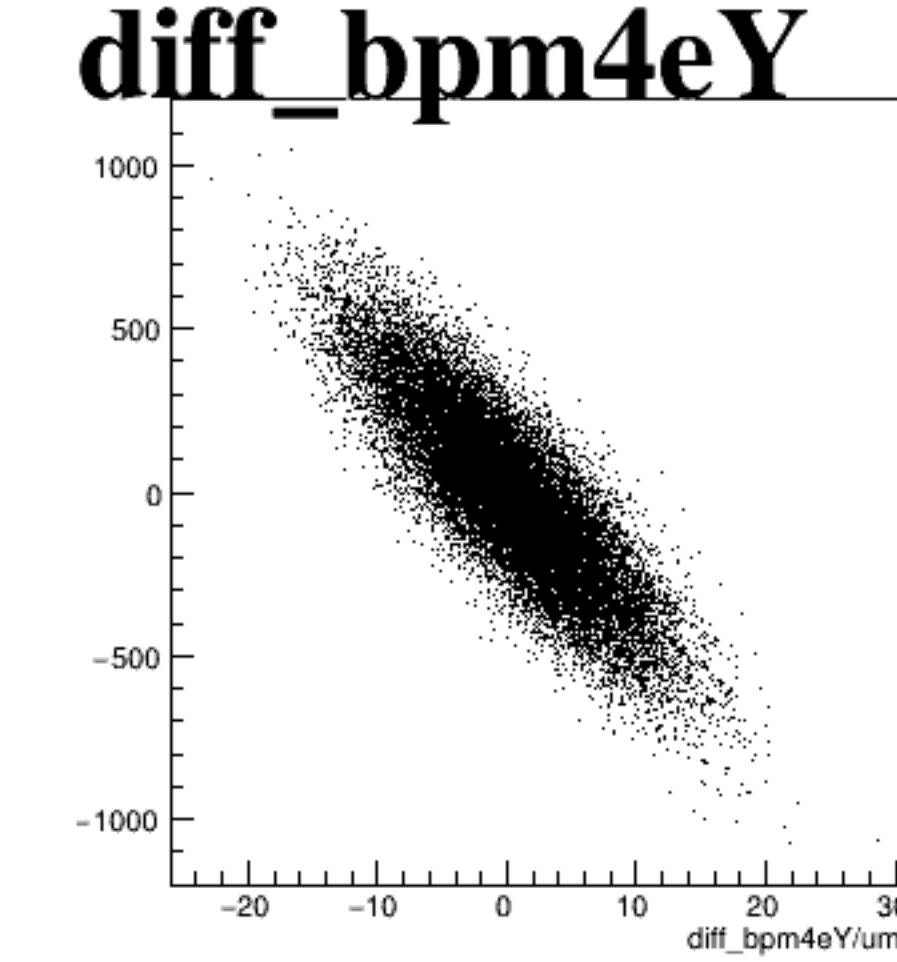
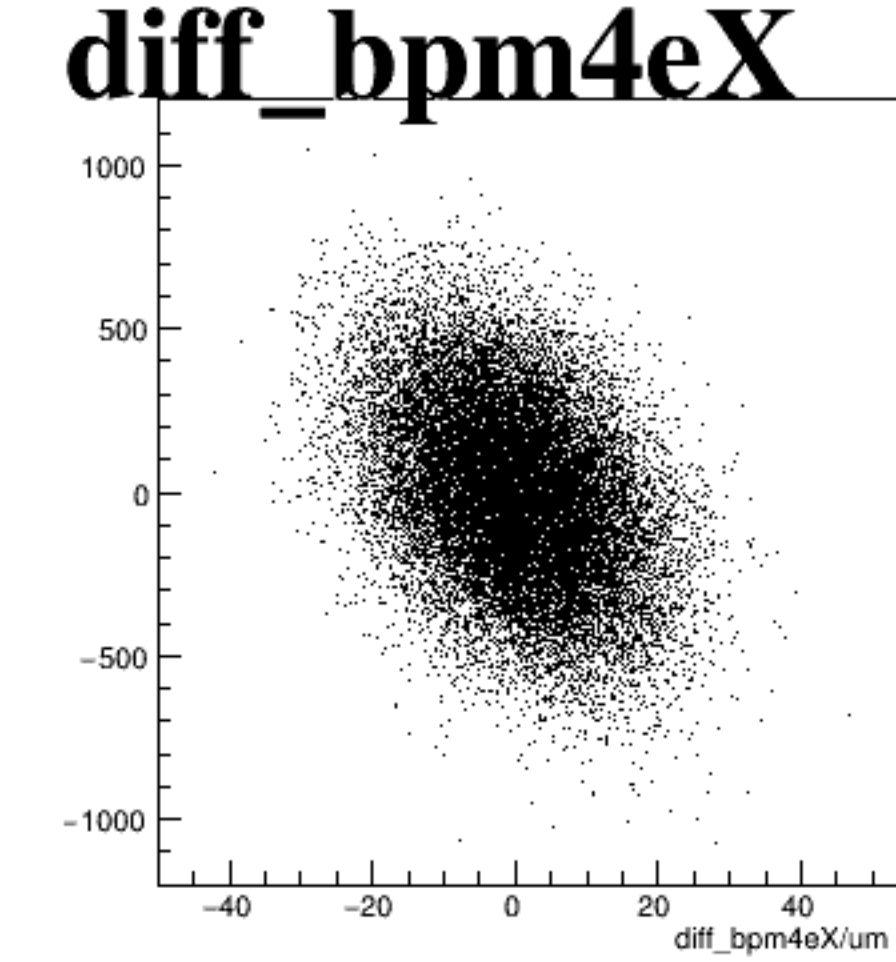
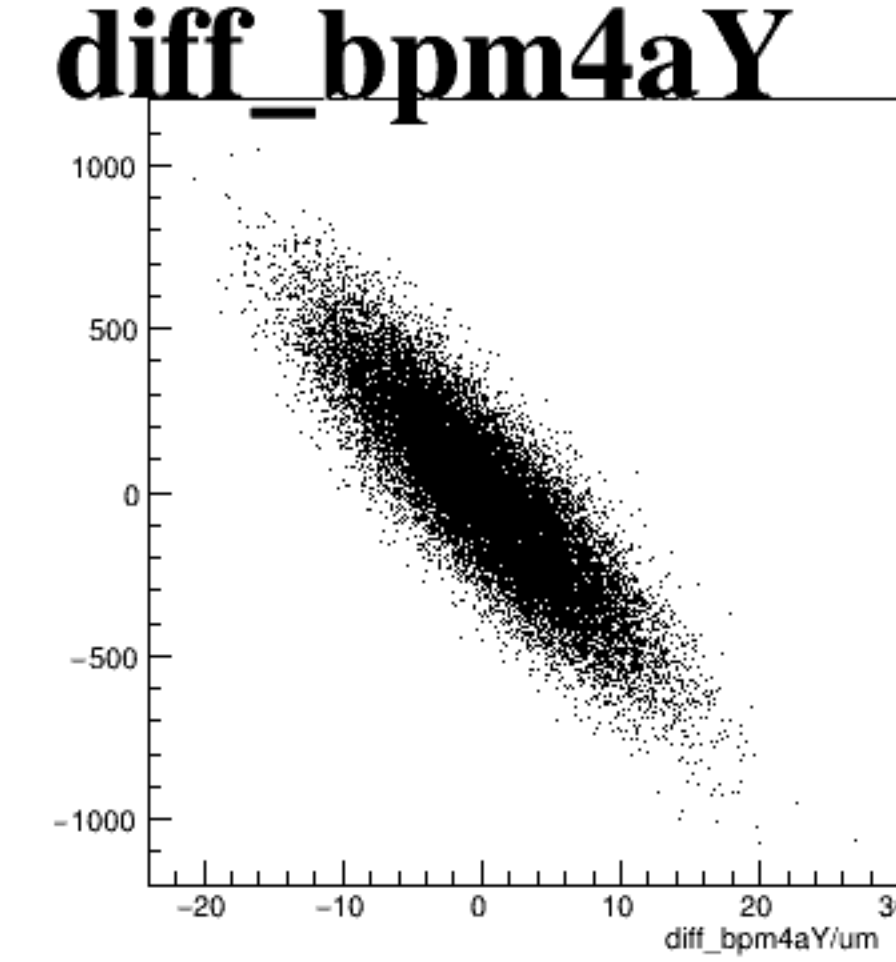
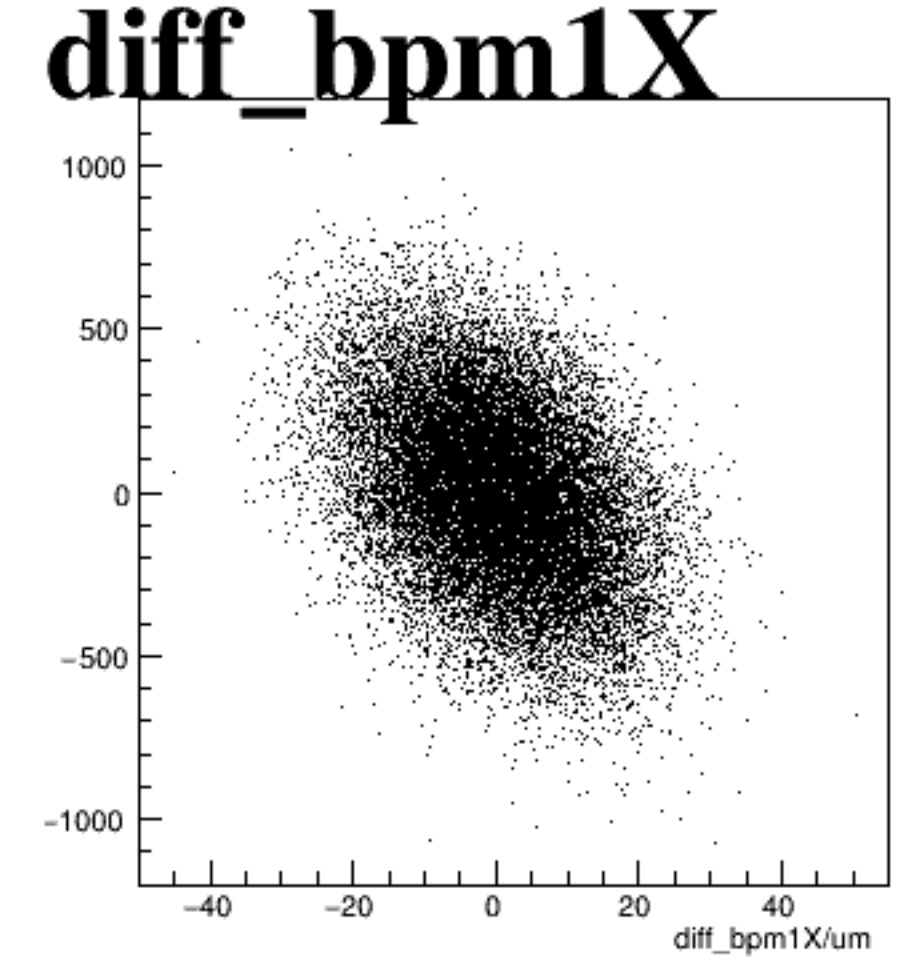
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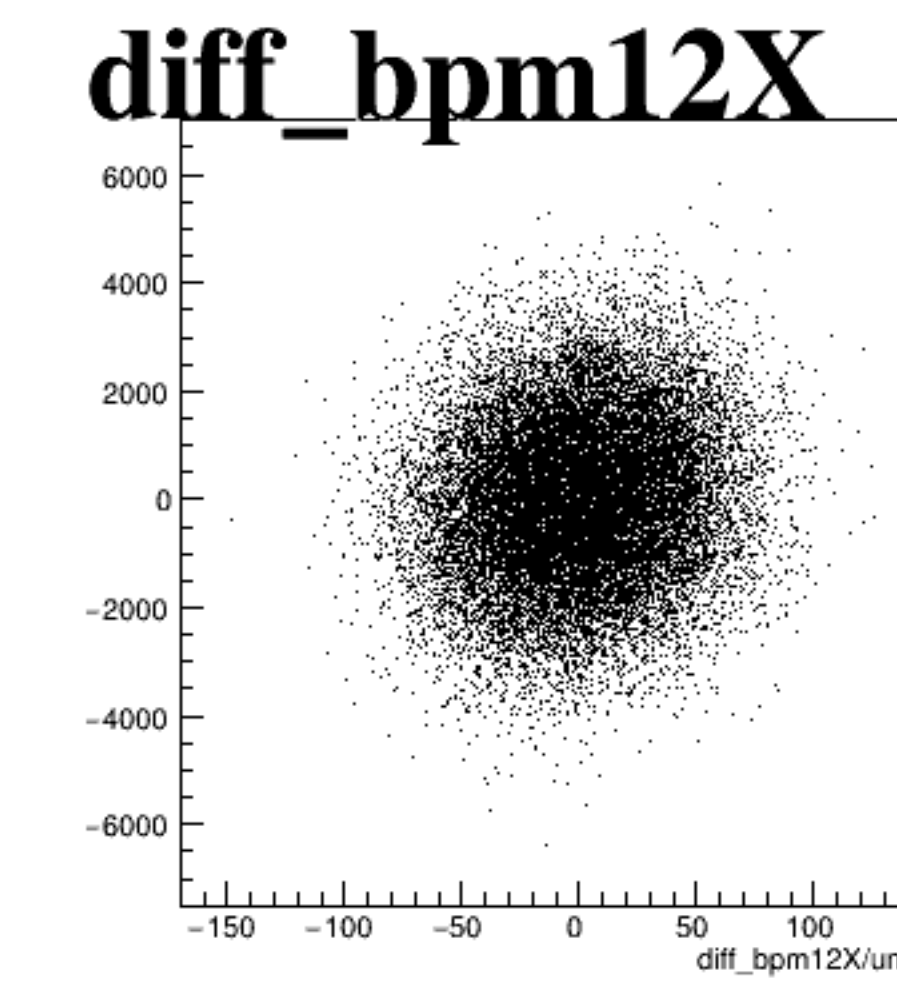
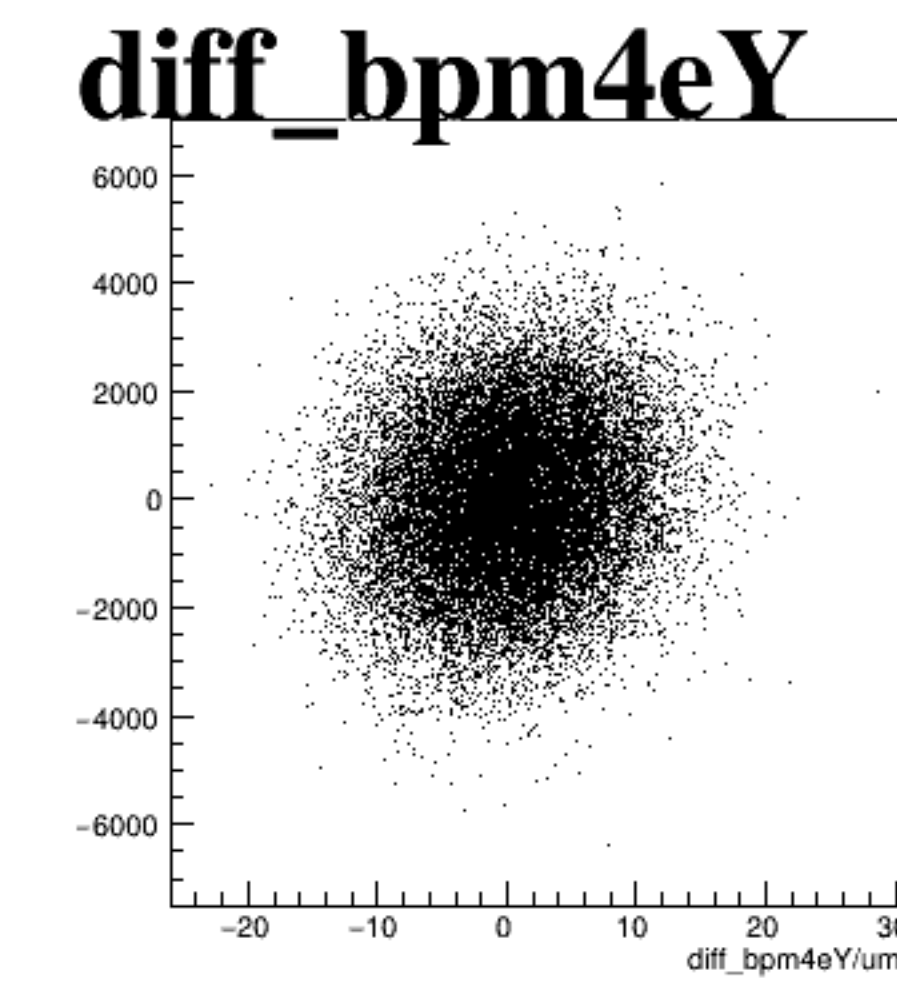
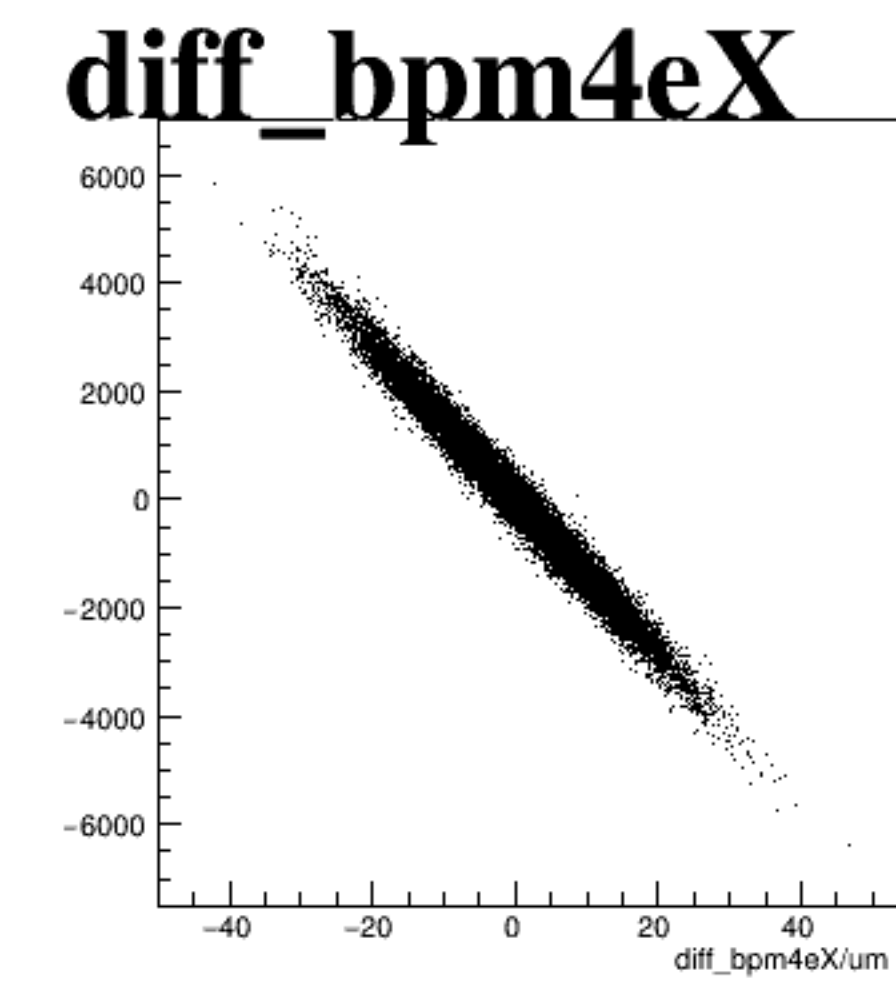
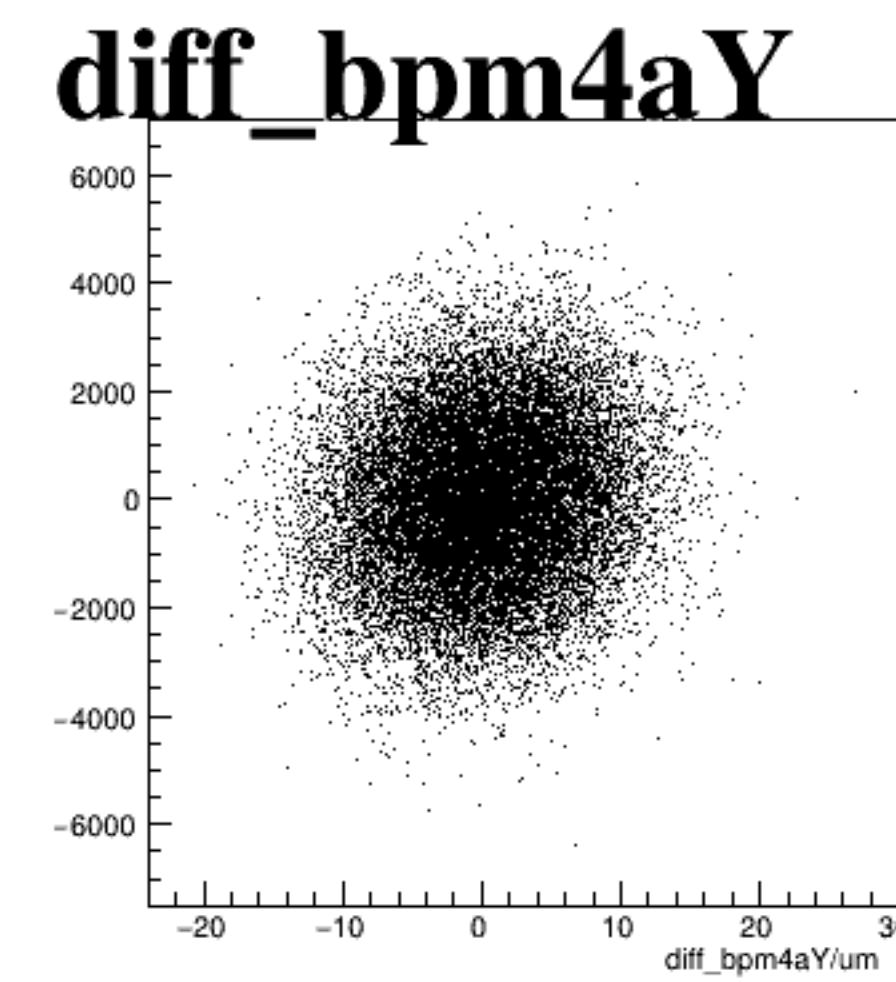
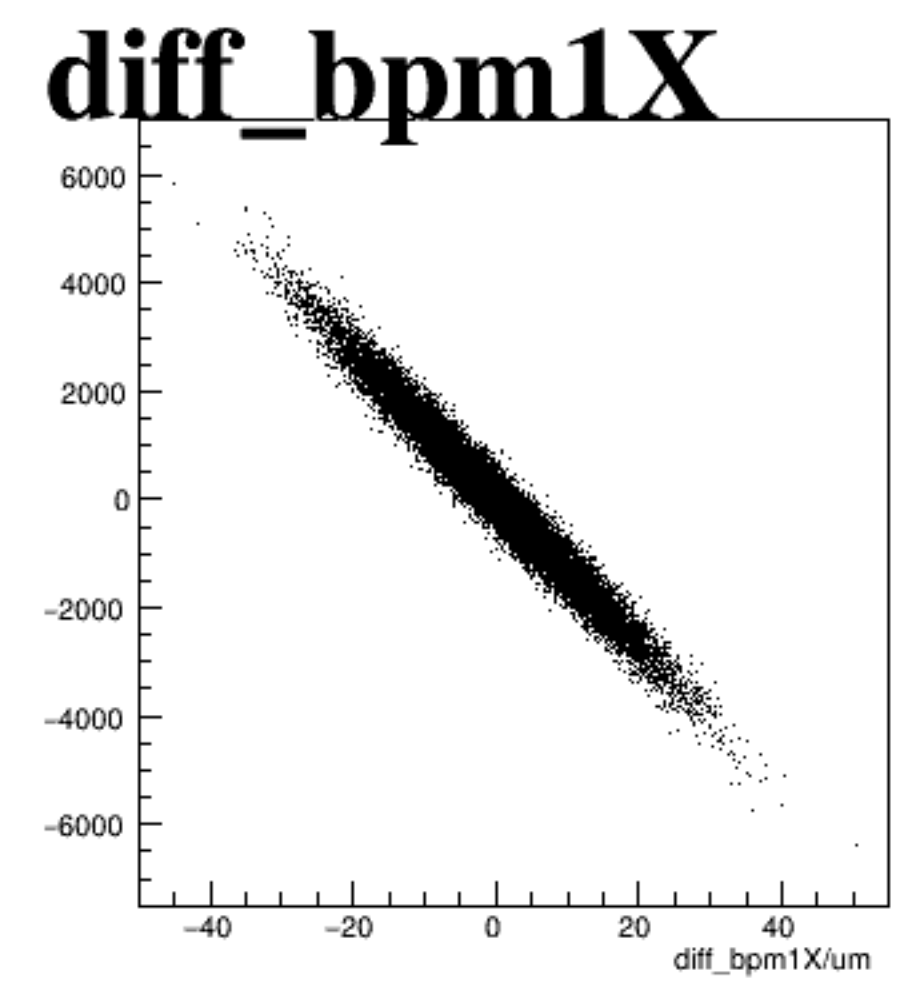
reg_asym_sam7



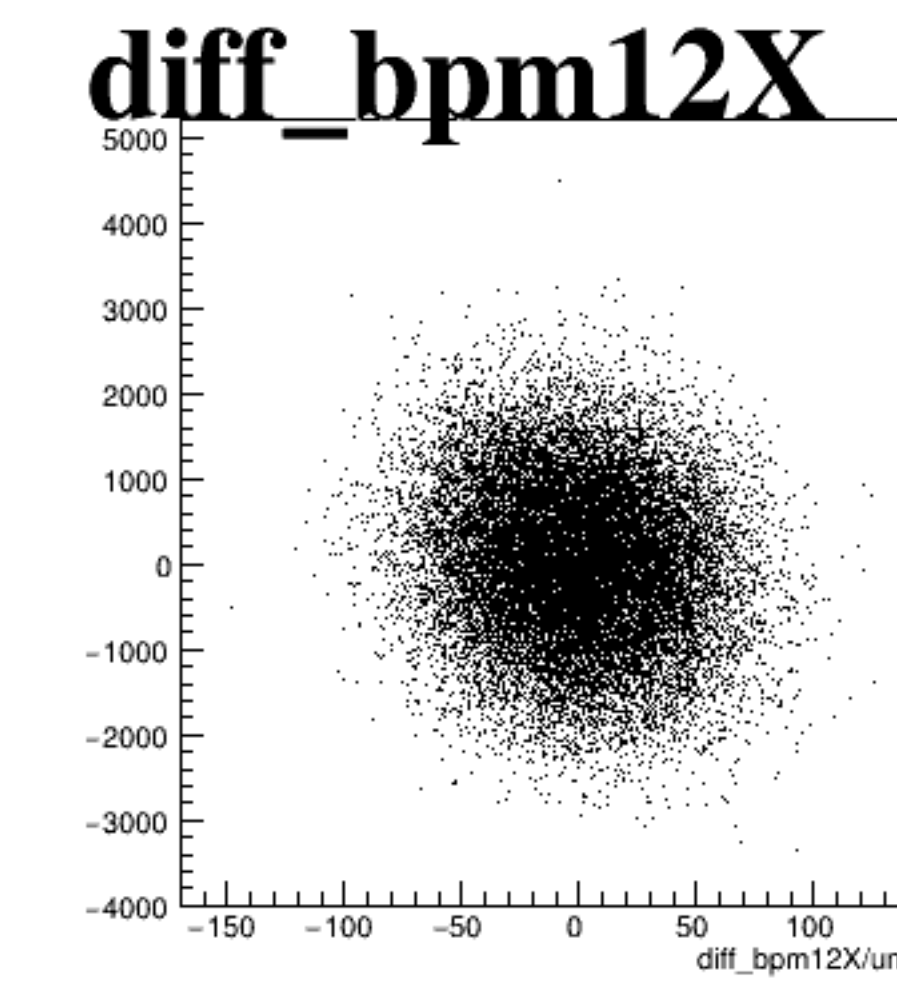
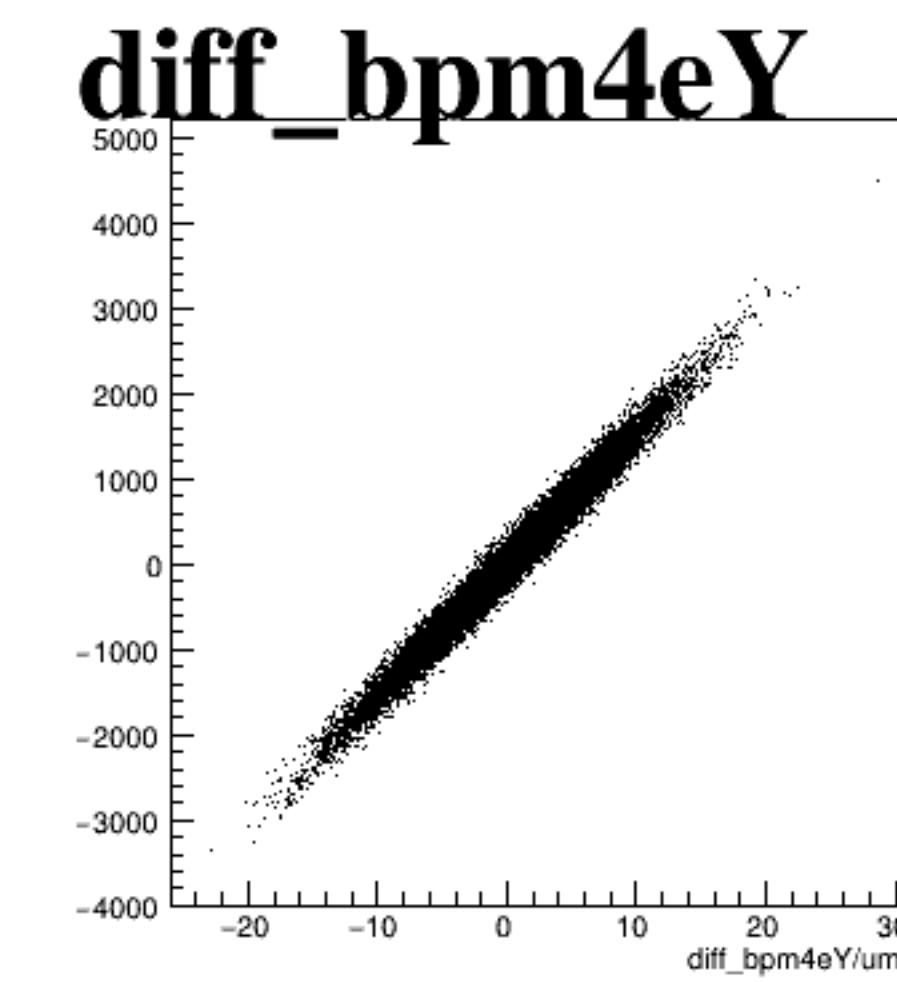
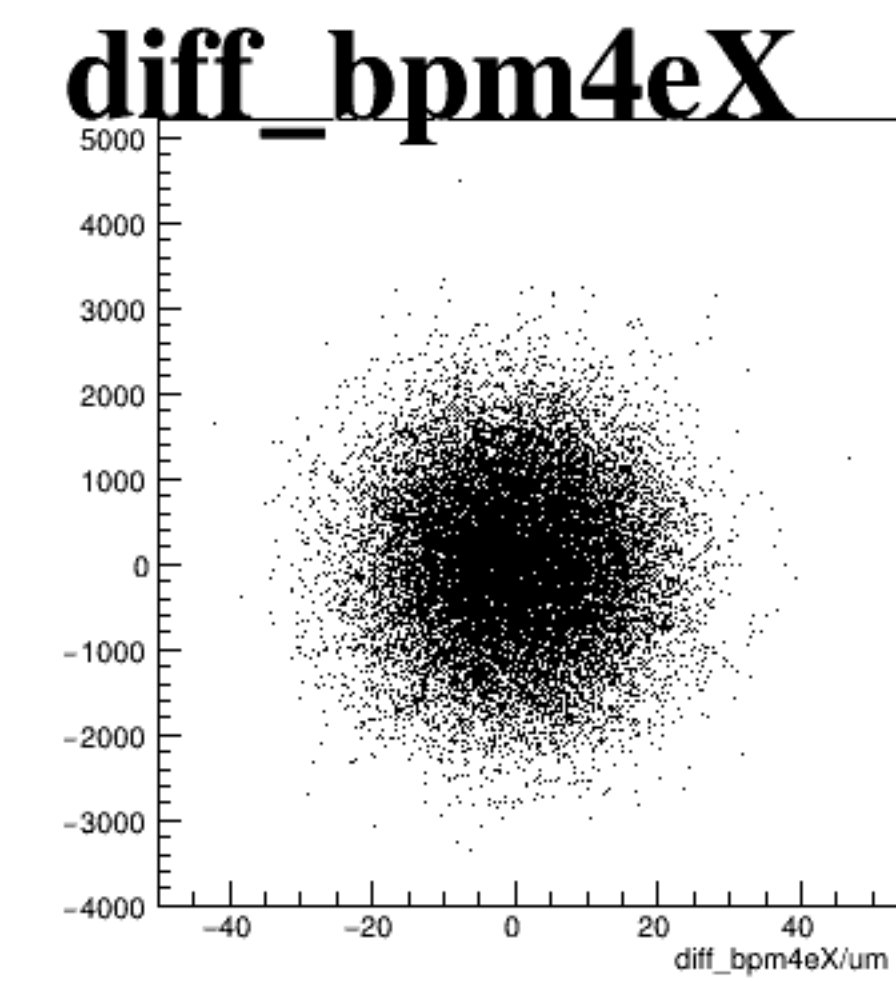
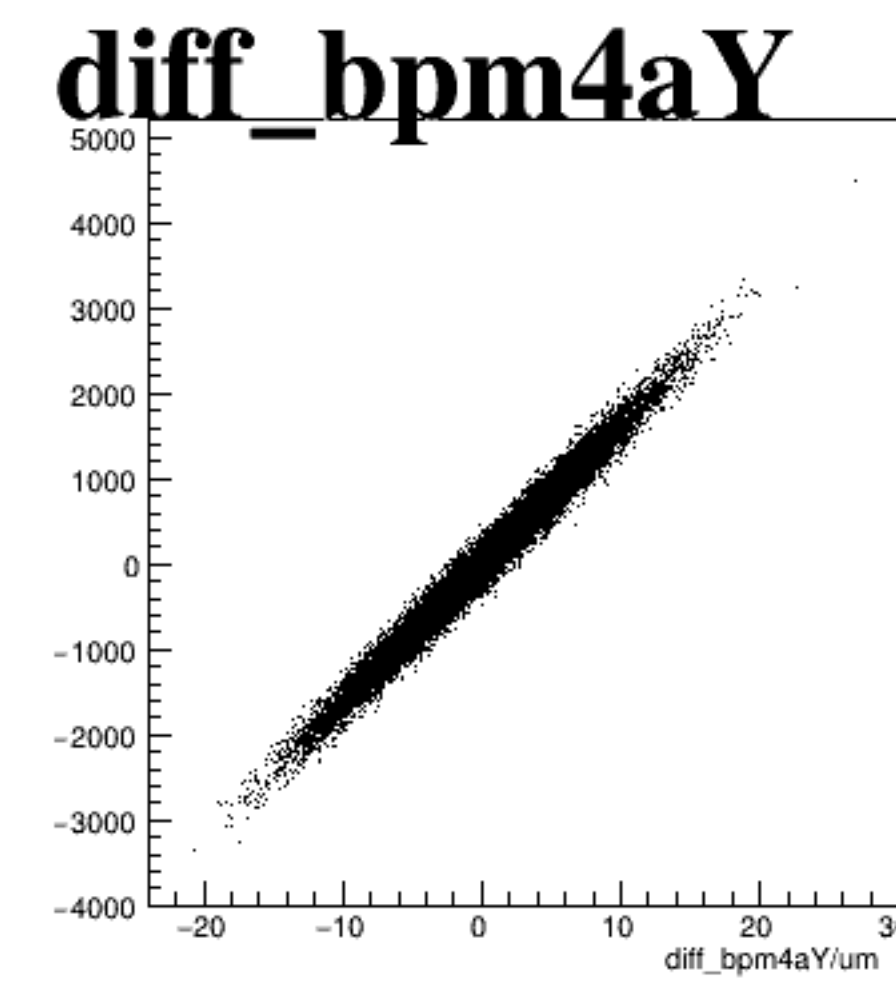
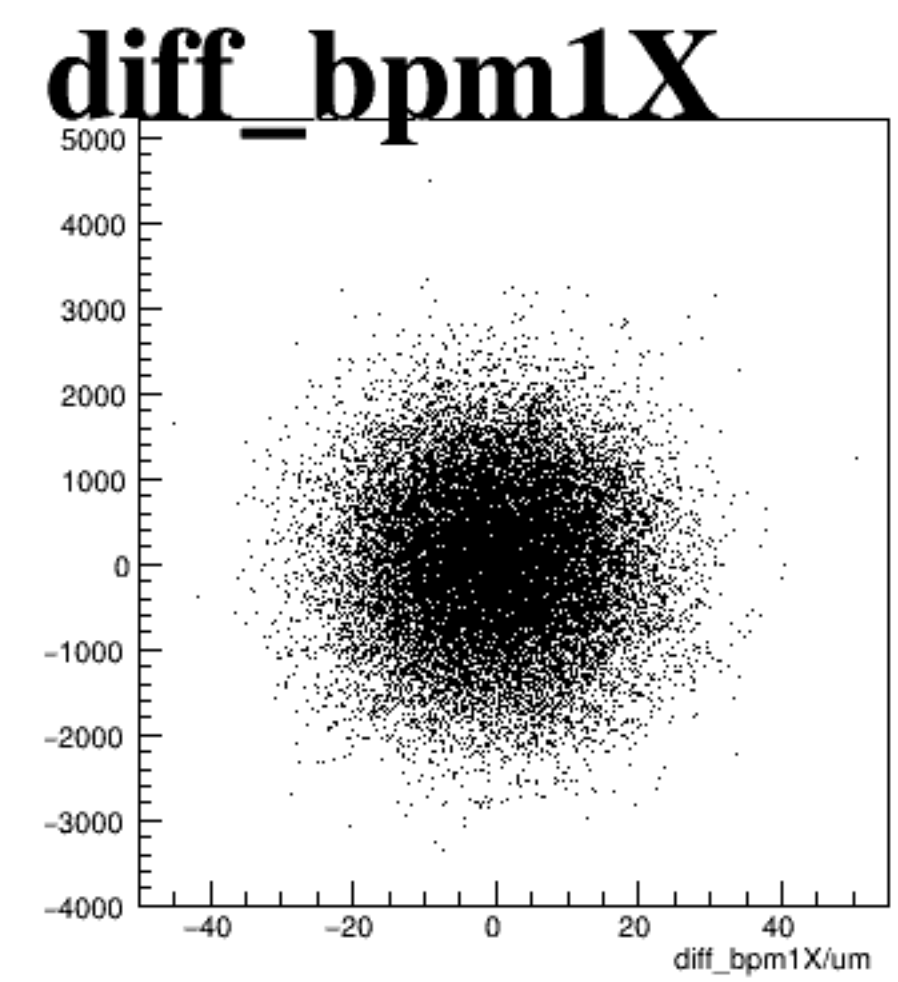
asym_sam1



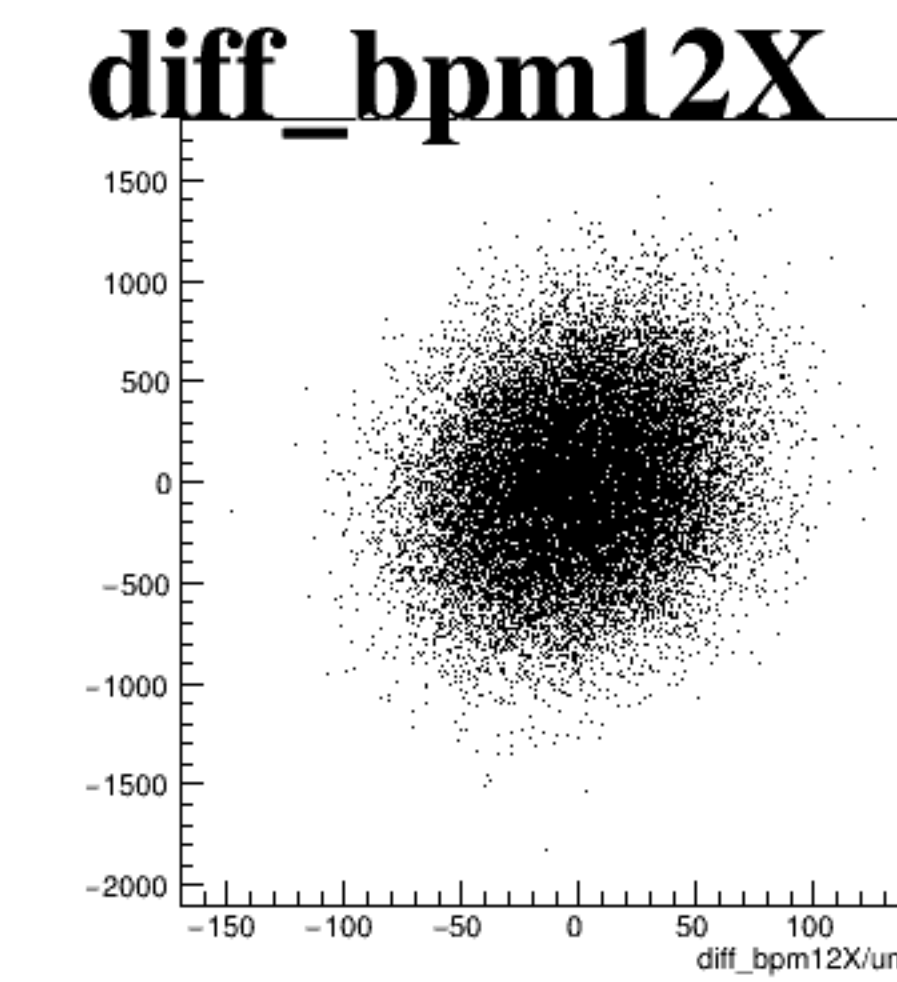
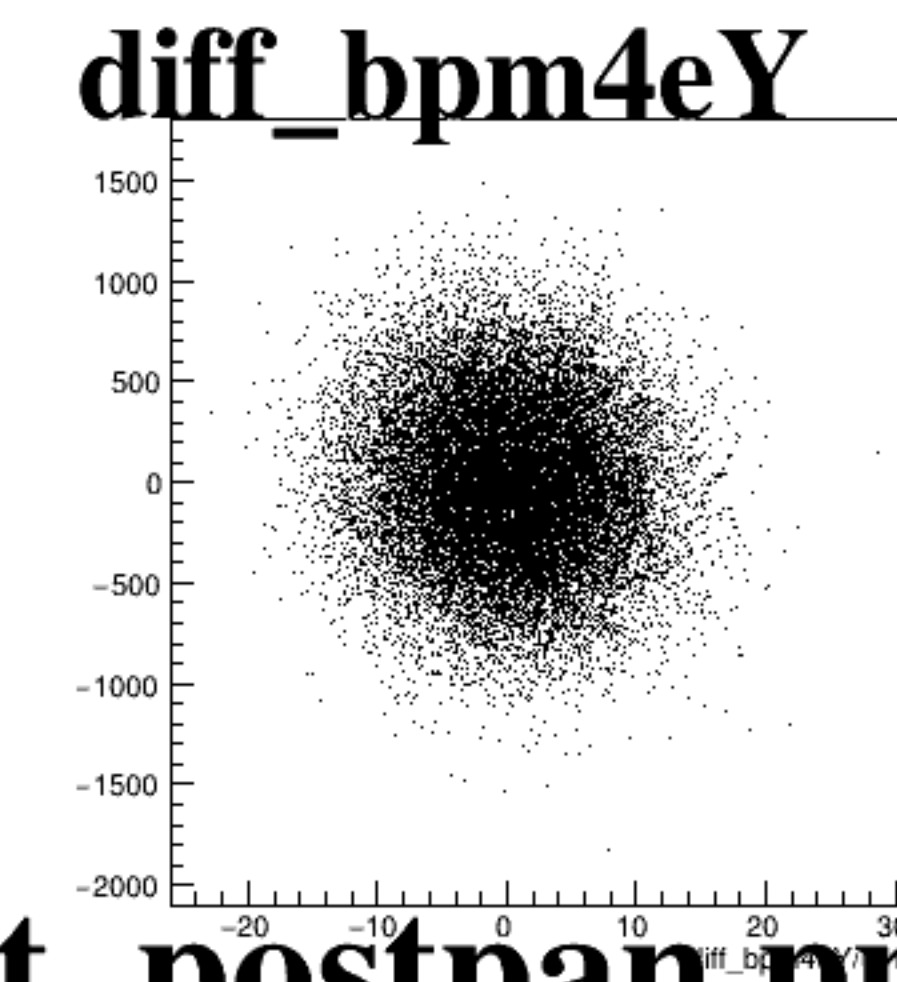
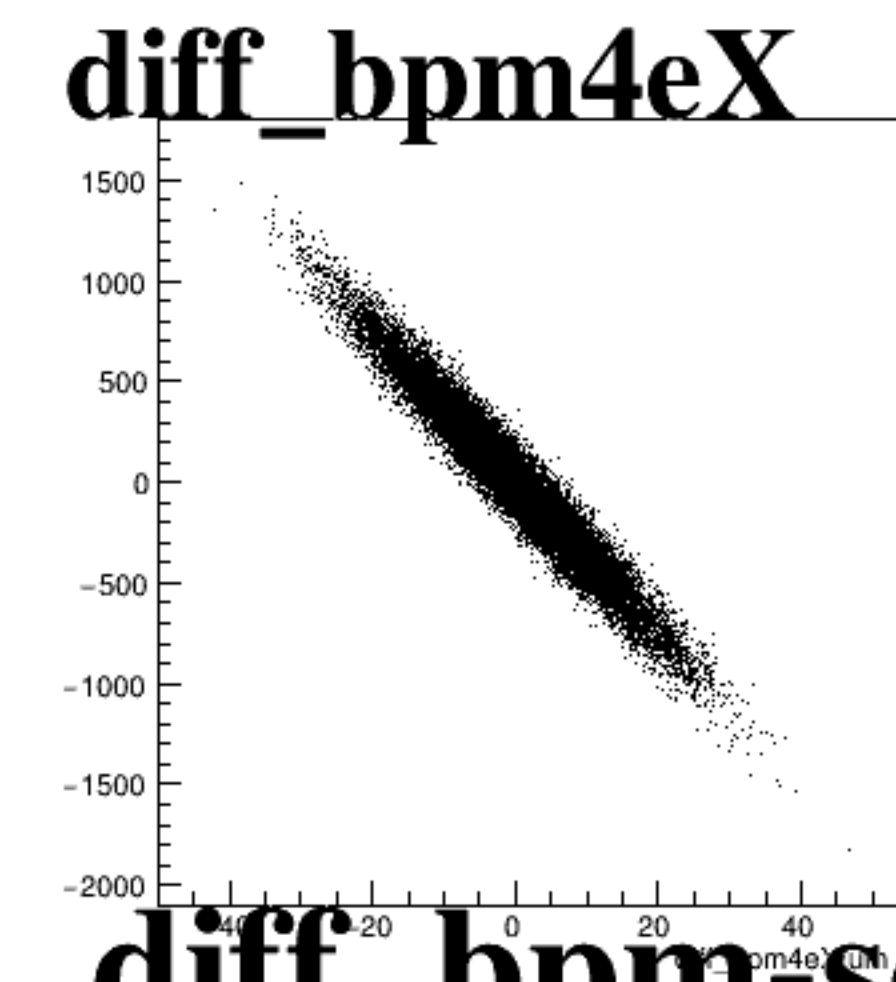
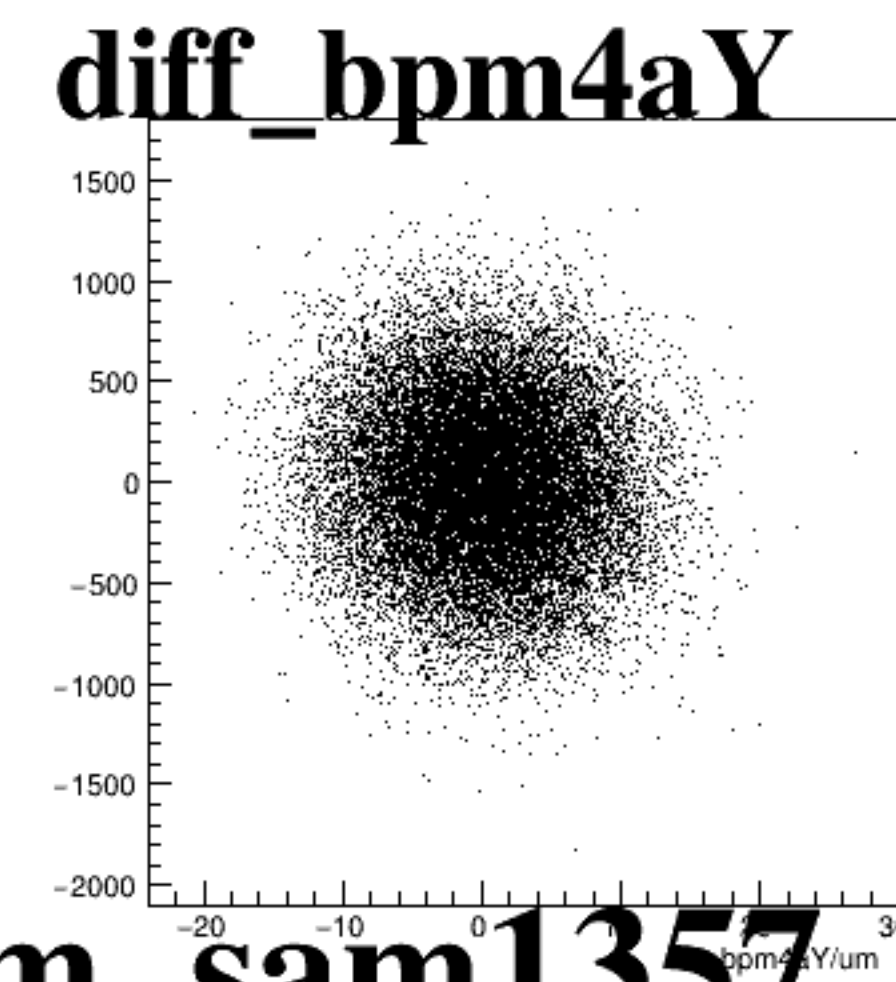
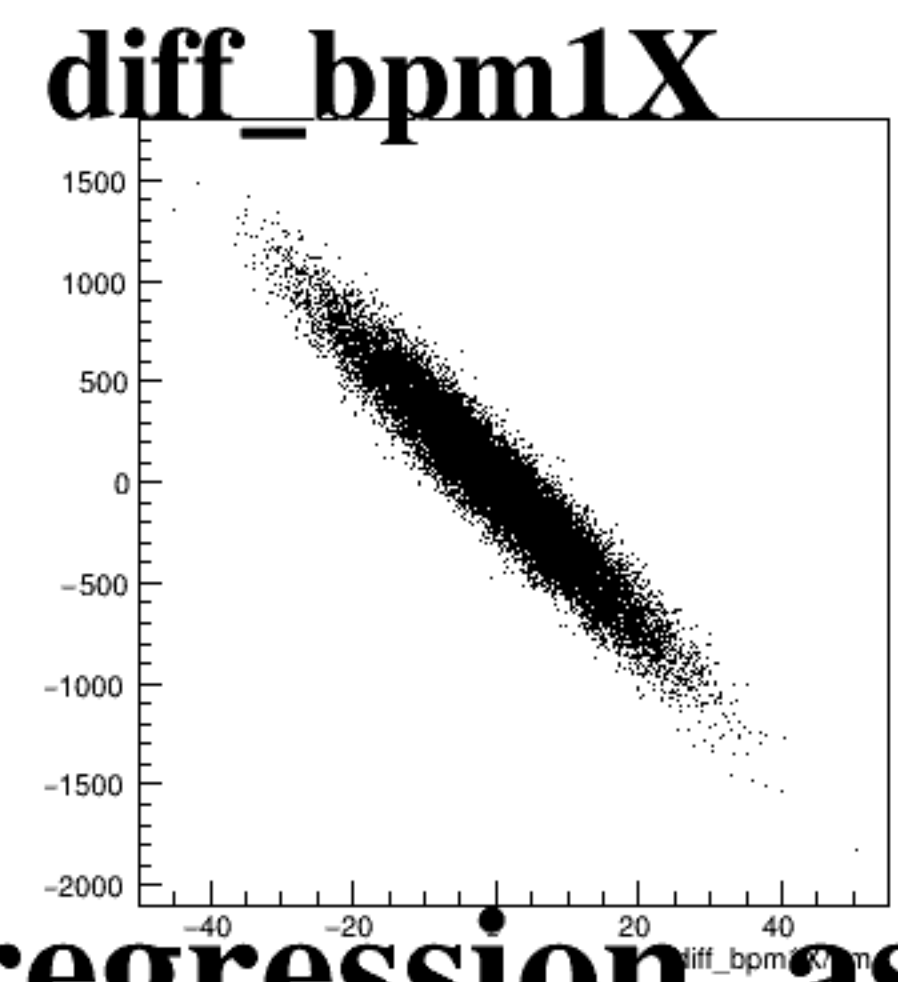
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM measurements for a specific beam parameter. The plots are titled as follows:

- diff_bpm1X**: The x-axis is labeled $\text{diff_bpm1X}/\mu\text{m}$ and ranges from -40 to 40. The y-axis is labeled $\text{diff_bpm1X}/\mu\text{m}$ and ranges from -300 to 300.
- diff_bpm4aY**: The x-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -20 to 30. The y-axis is labeled $\text{diff_bpm4aY}/\mu\text{m}$ and ranges from -300 to 300.
- diff_bpm4eX**: The x-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -40 to 40. The y-axis is labeled $\text{diff_bpm4eX}/\mu\text{m}$ and ranges from -300 to 300.
- diff_bpm4eY**: The x-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -20 to 30. The y-axis is labeled $\text{diff_bpm4eY}/\mu\text{m}$ and ranges from -300 to 300.
- diff_bpm12X**: The x-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -150 to 150. The y-axis is labeled $\text{diff_bpm12X}/\mu\text{m}$ and ranges from -300 to 300.

Each plot displays a dense, roughly circular cloud of black points centered at the origin (0,0), representing the distribution of BPM differences for that parameter.