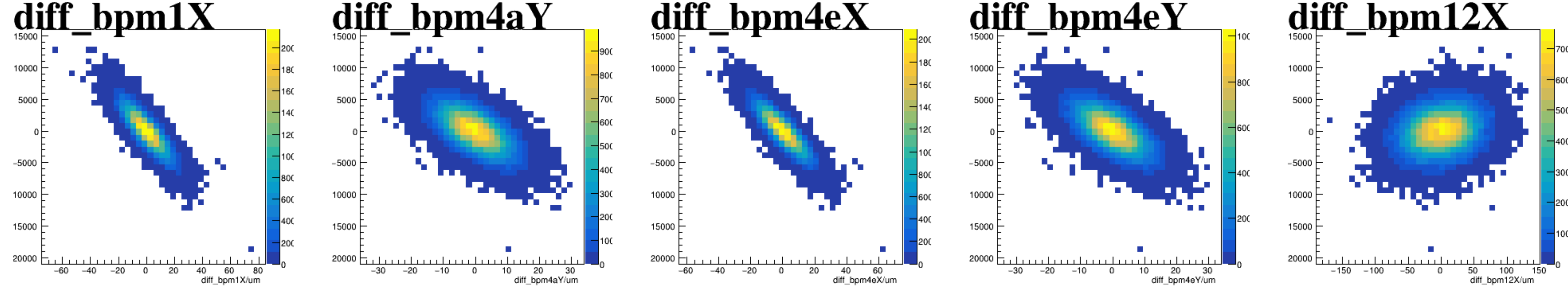
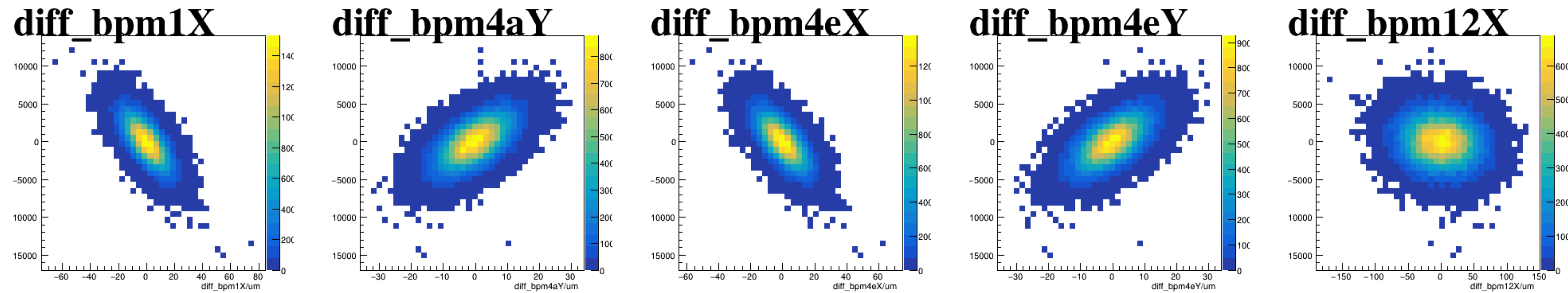


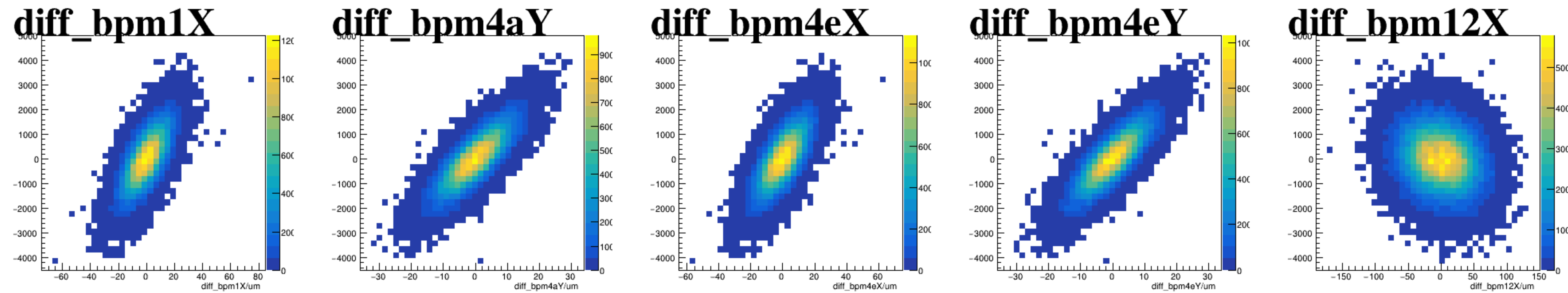
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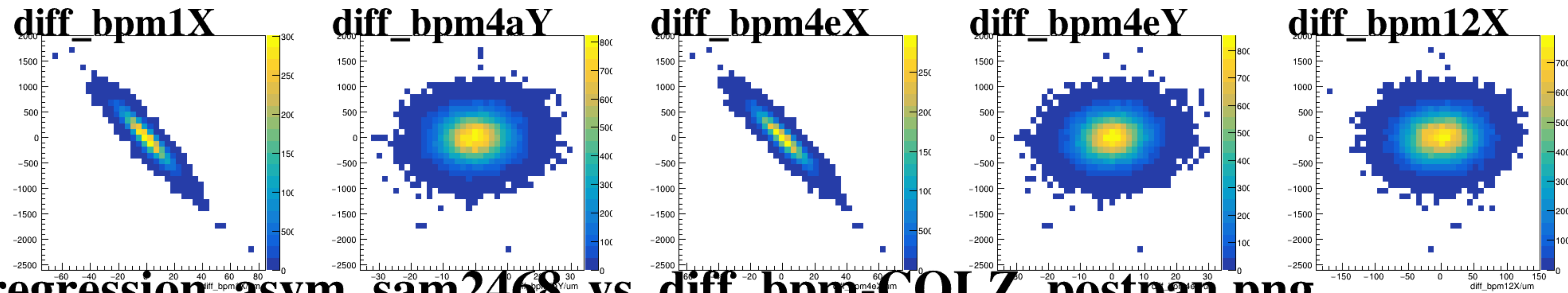
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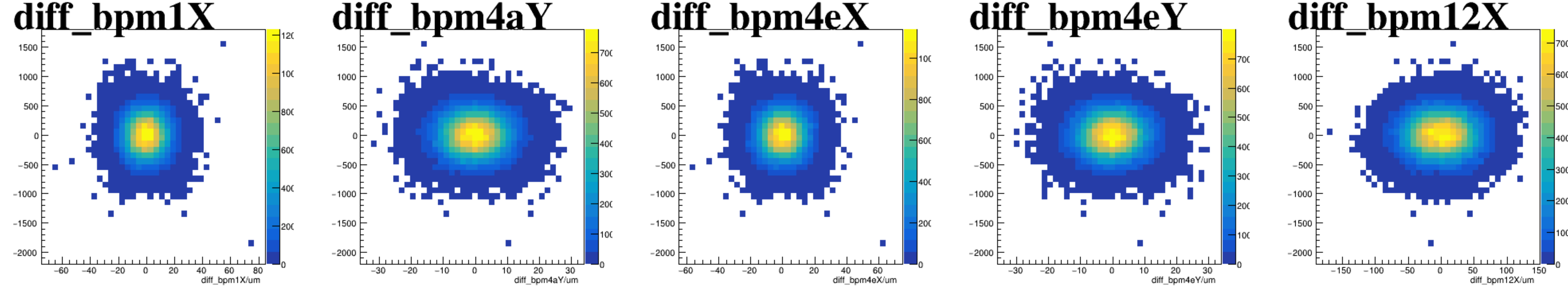
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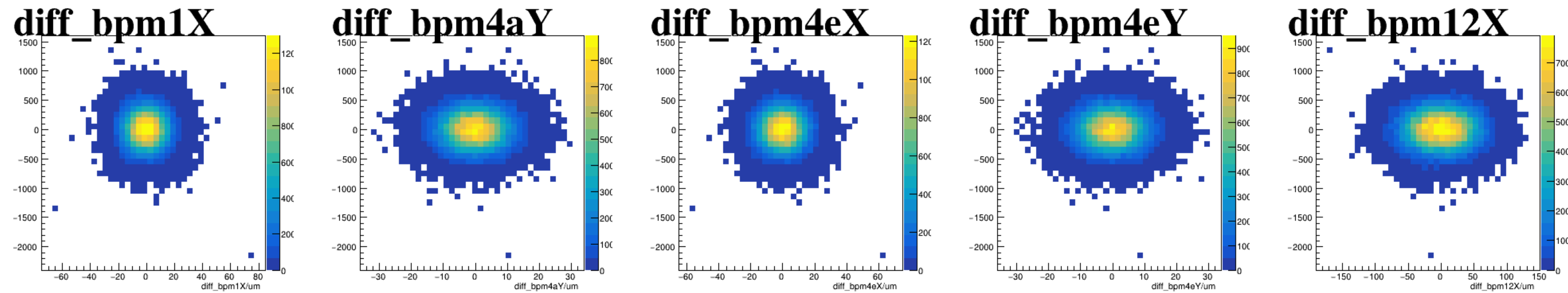
asym_sam8



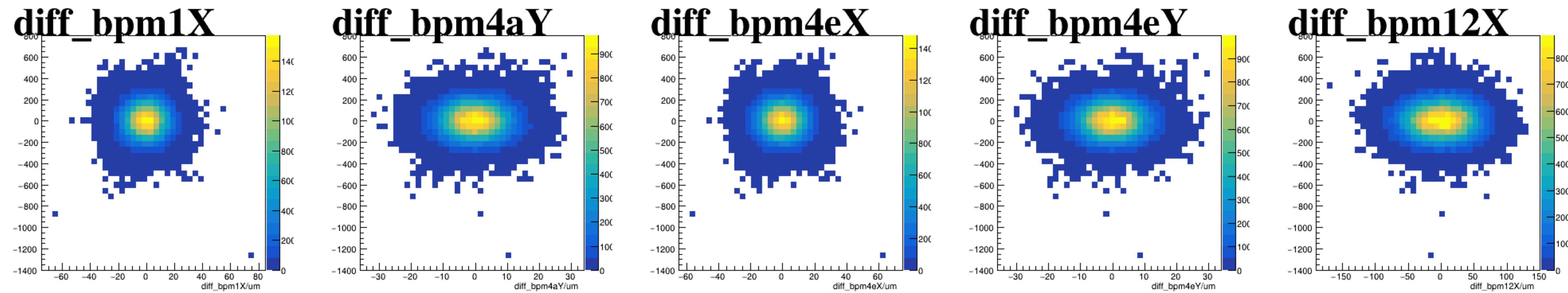
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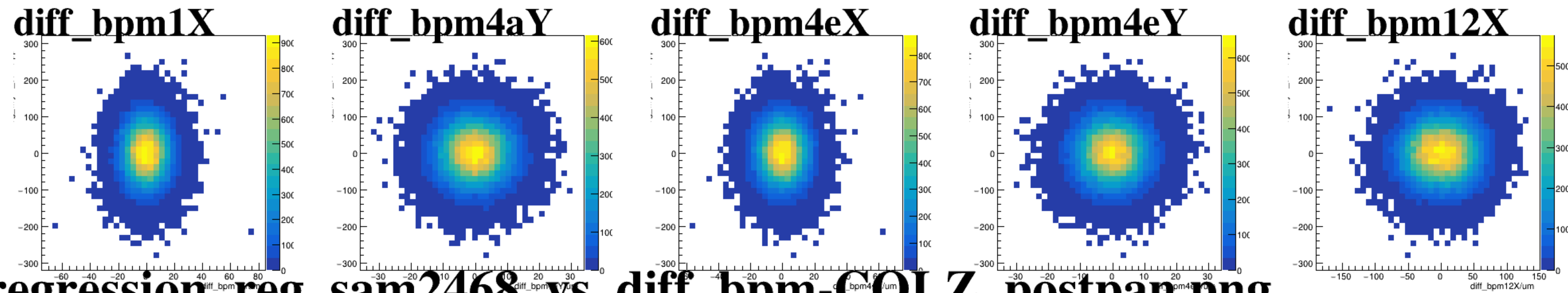
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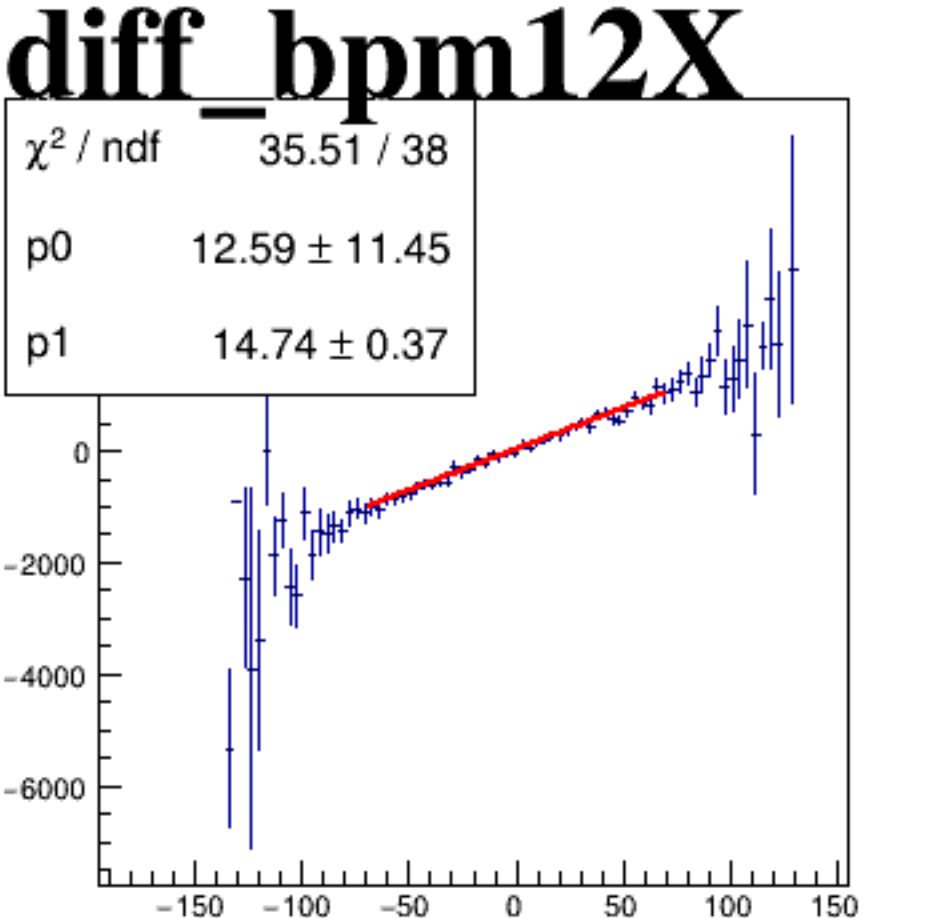
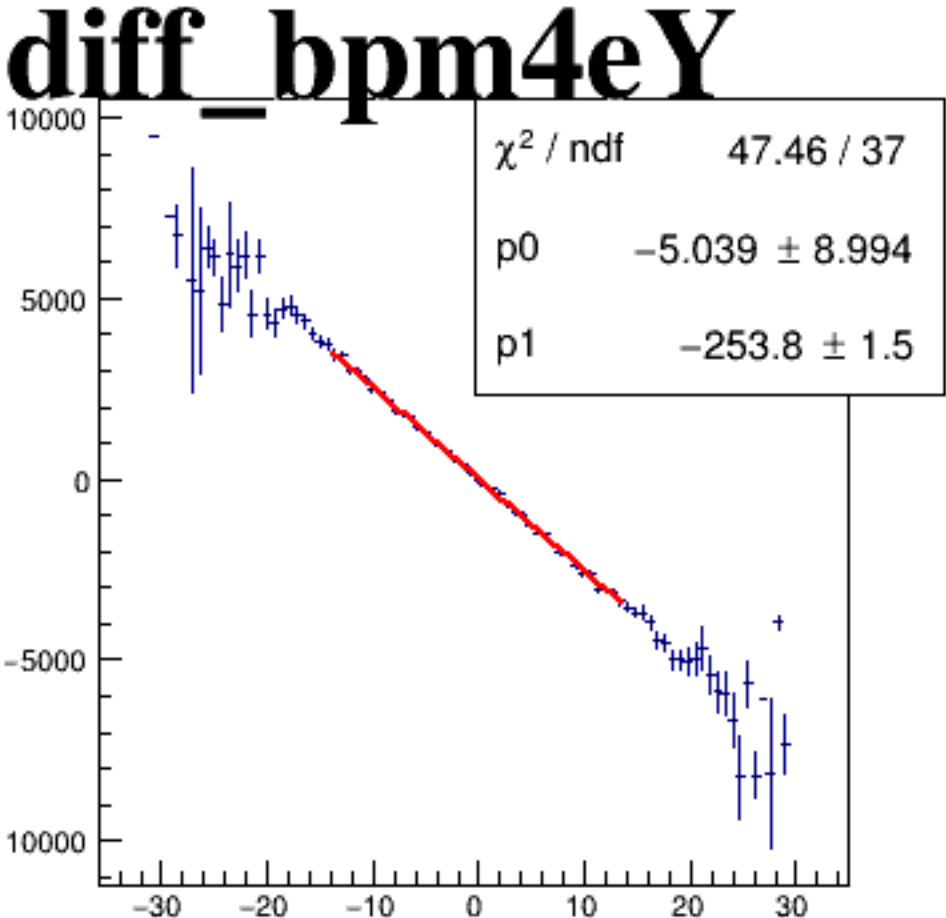
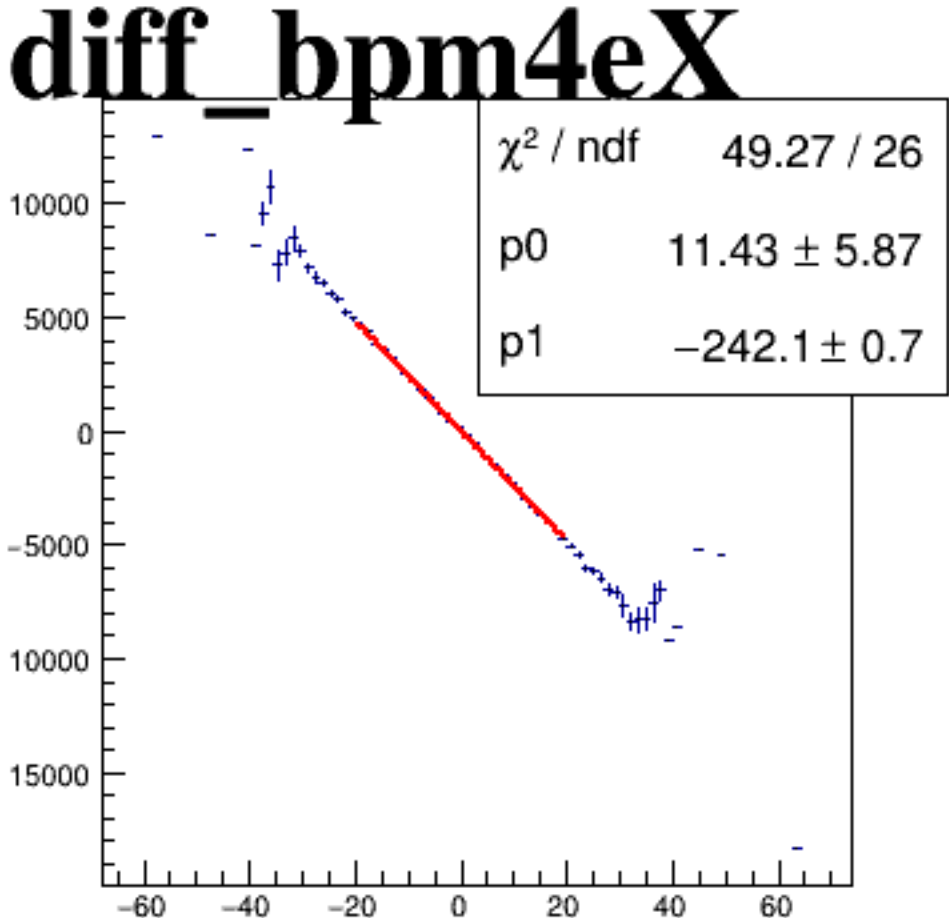
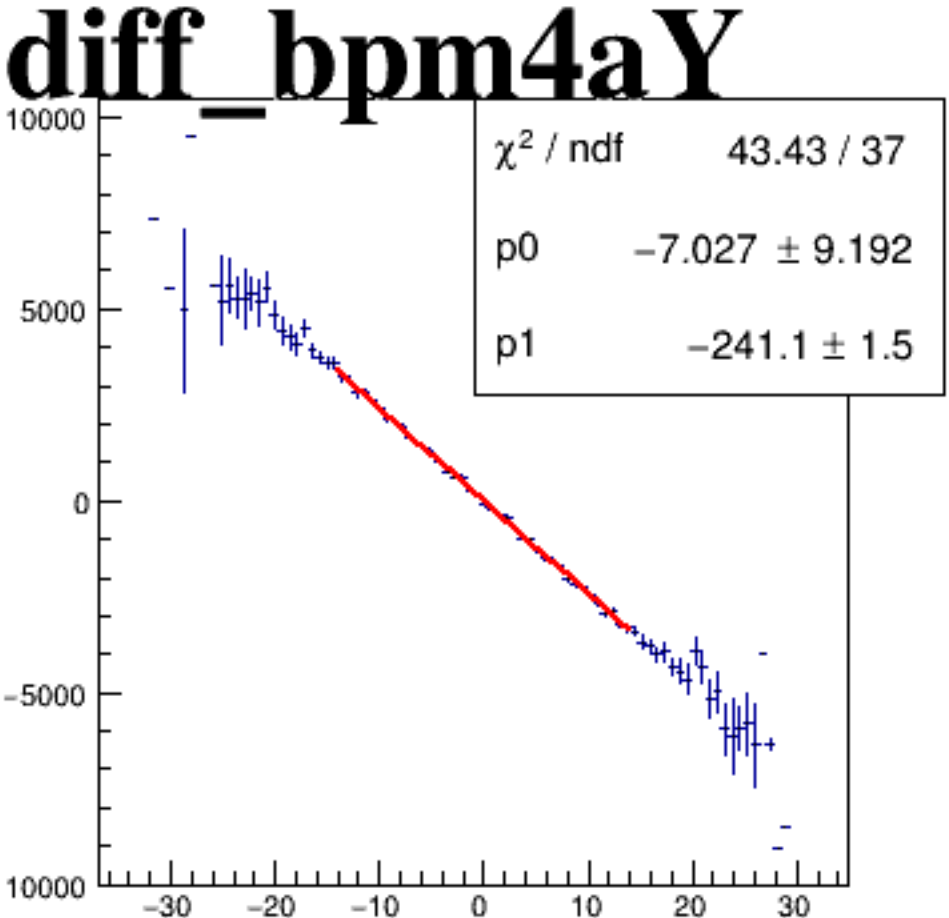
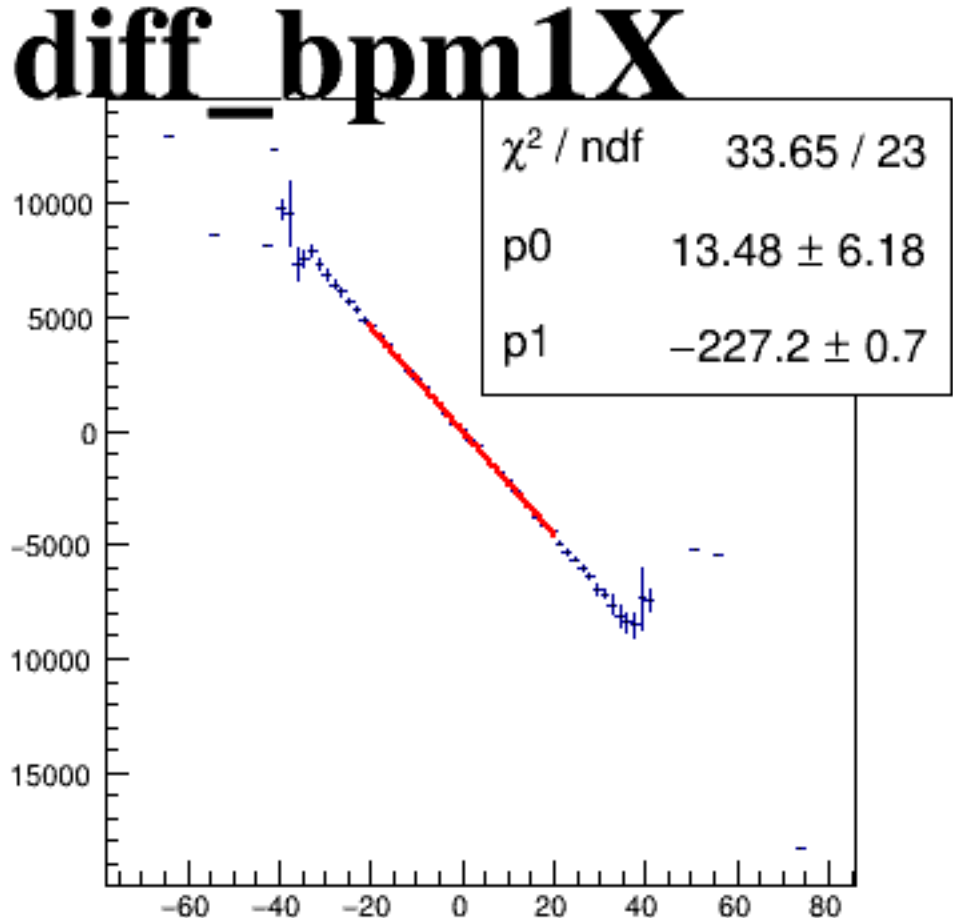
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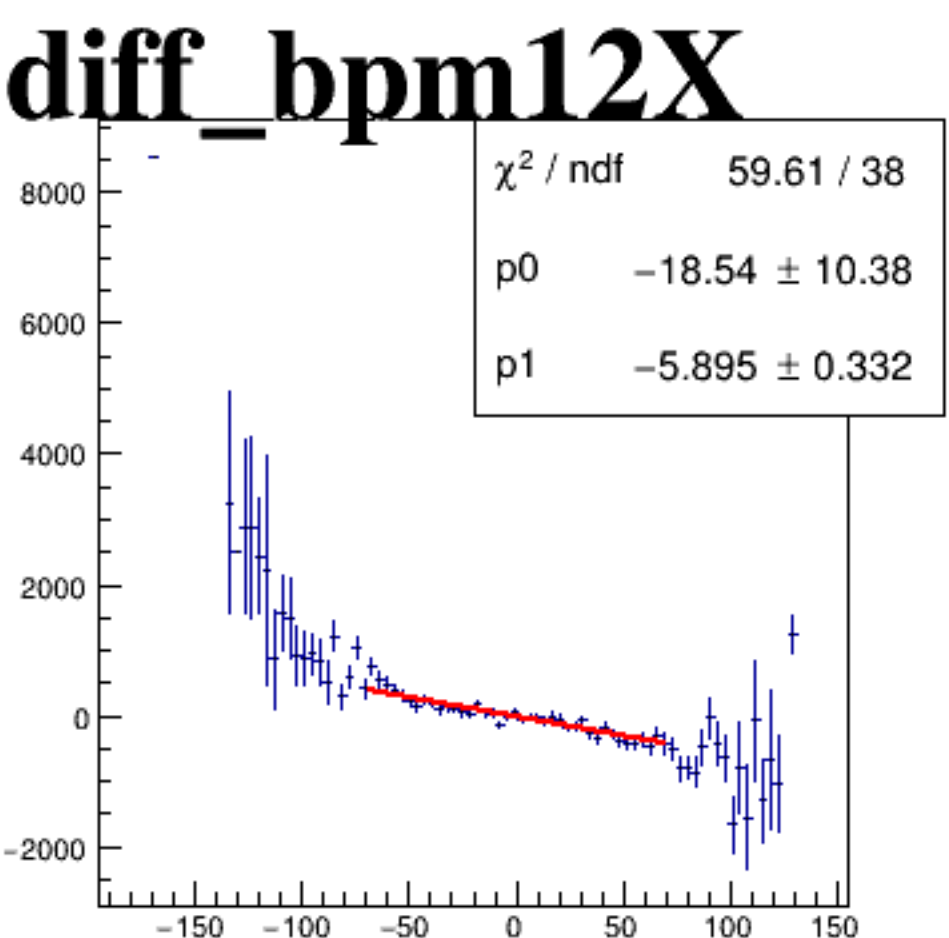
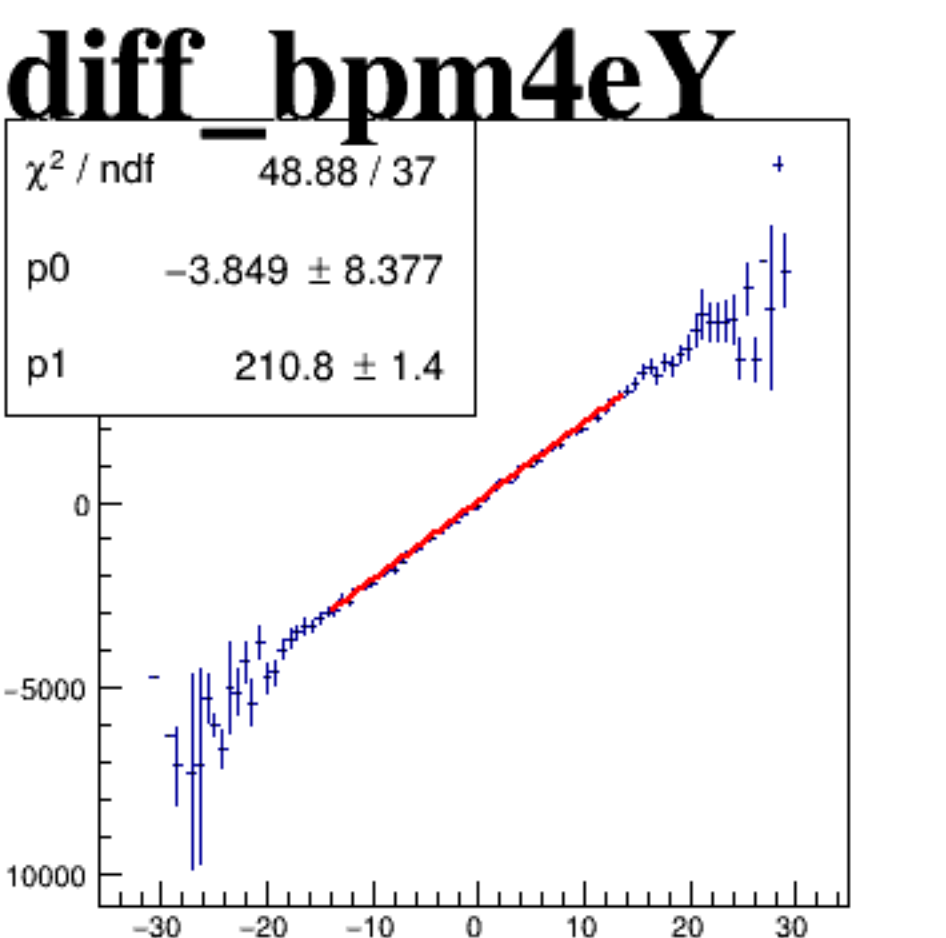
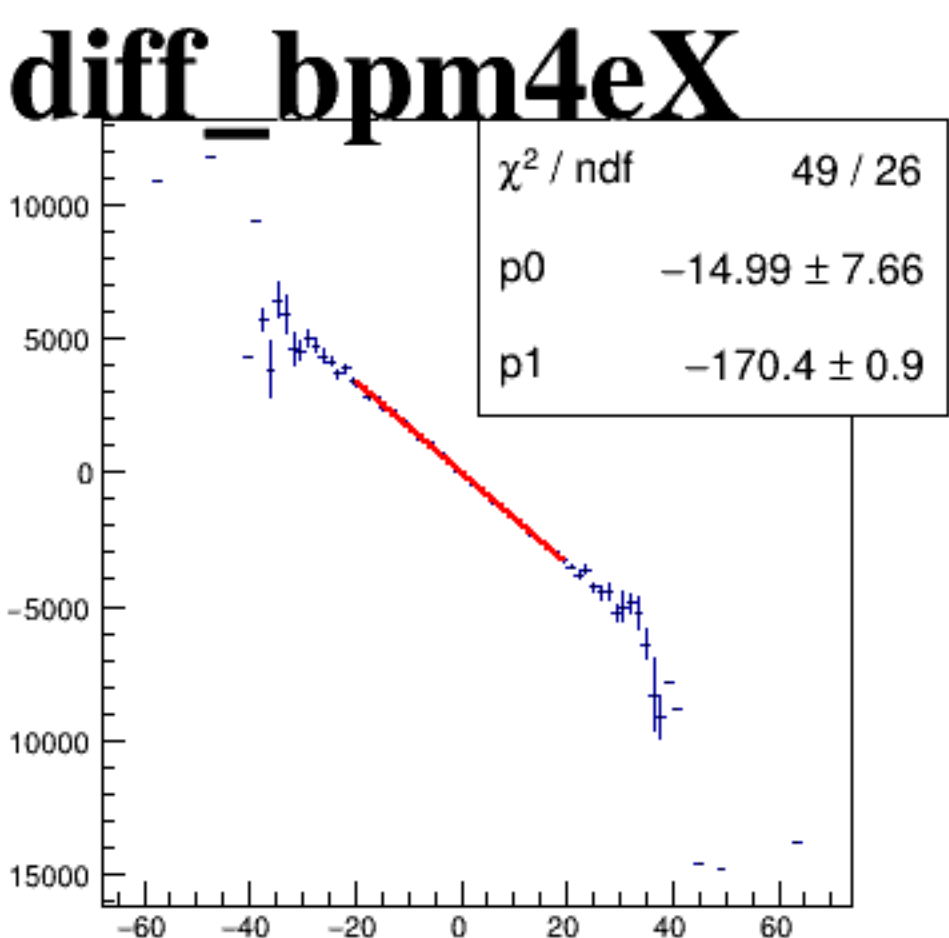
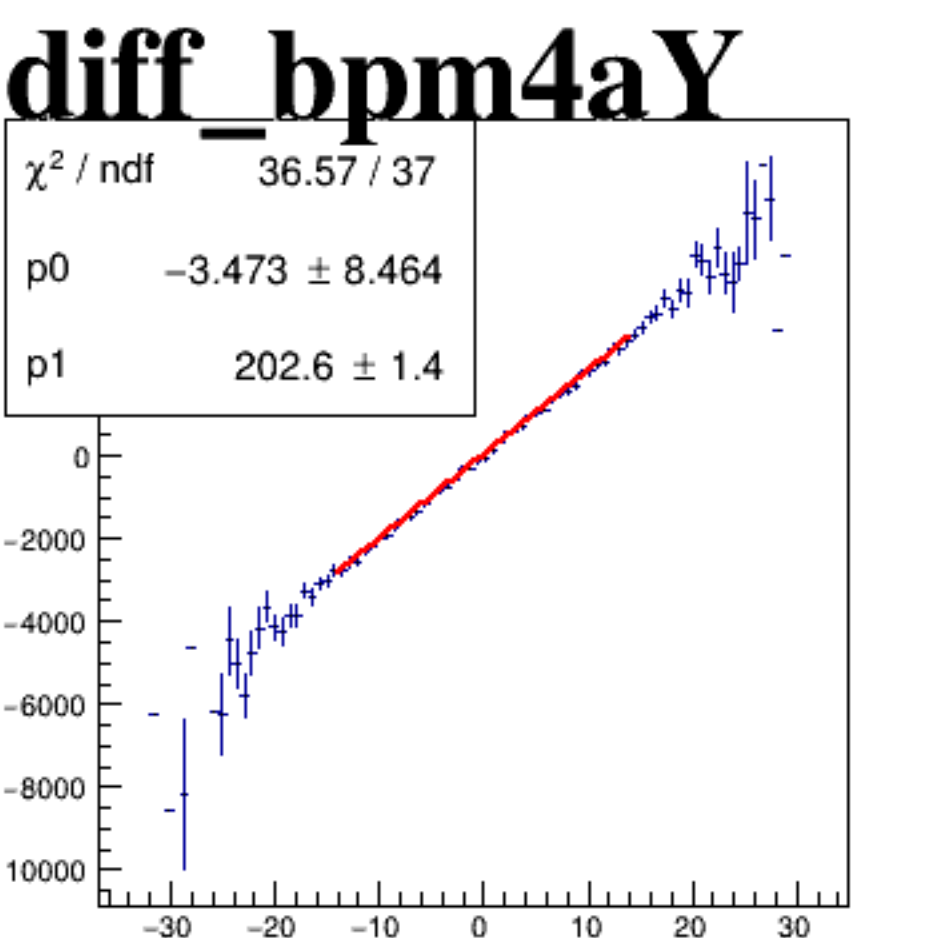
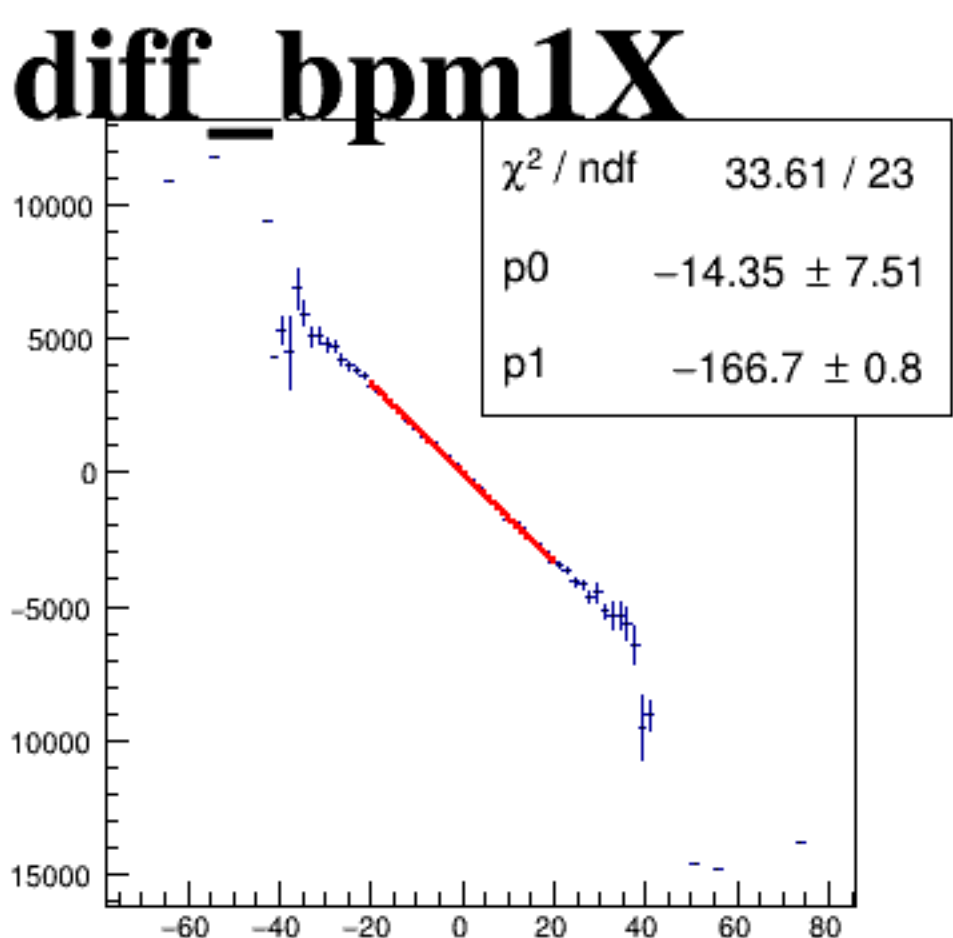
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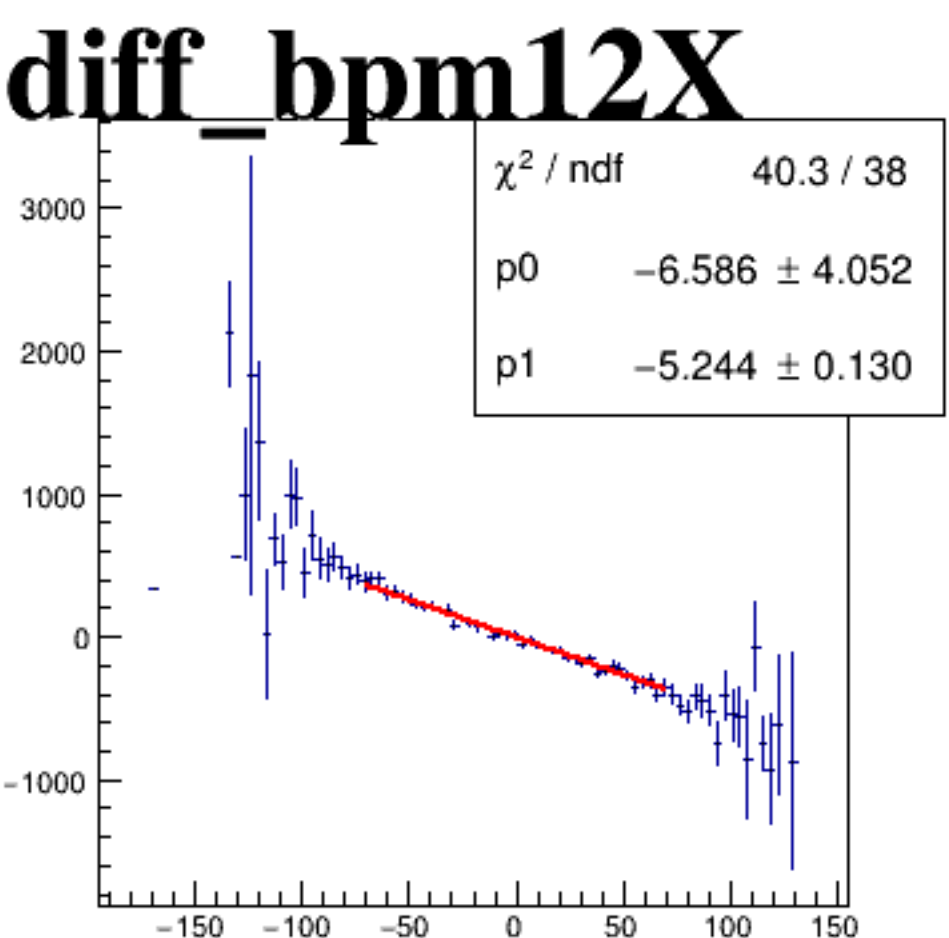
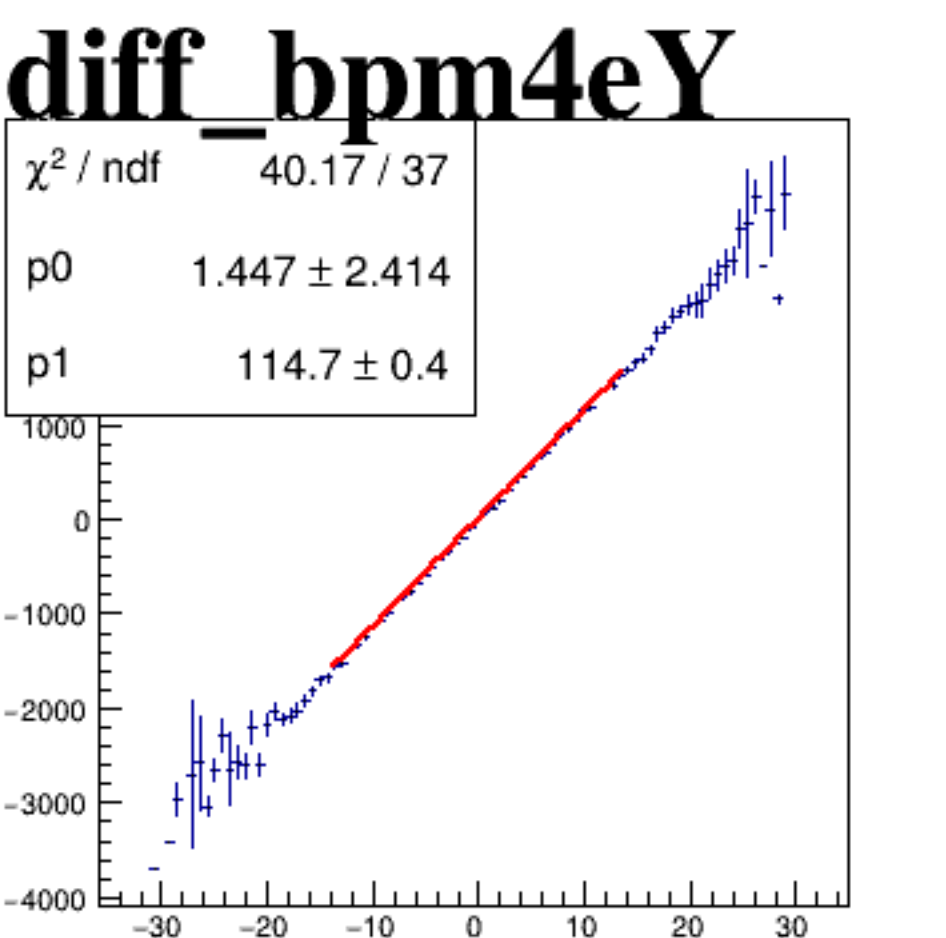
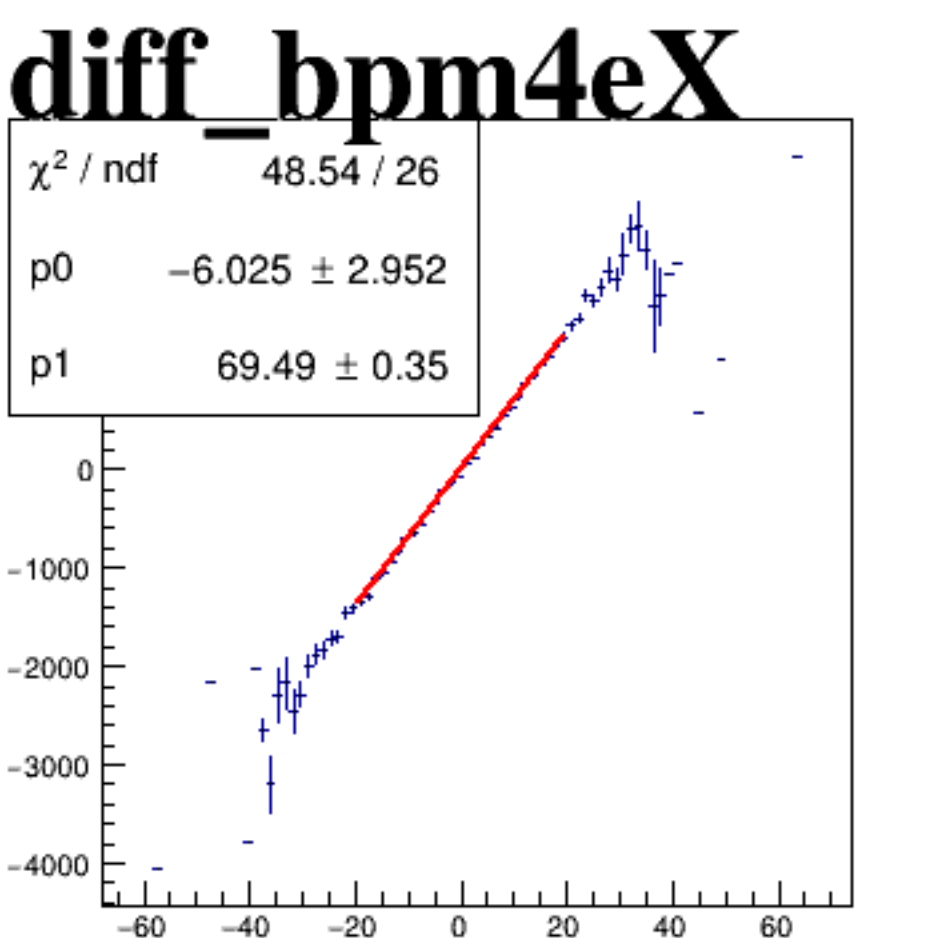
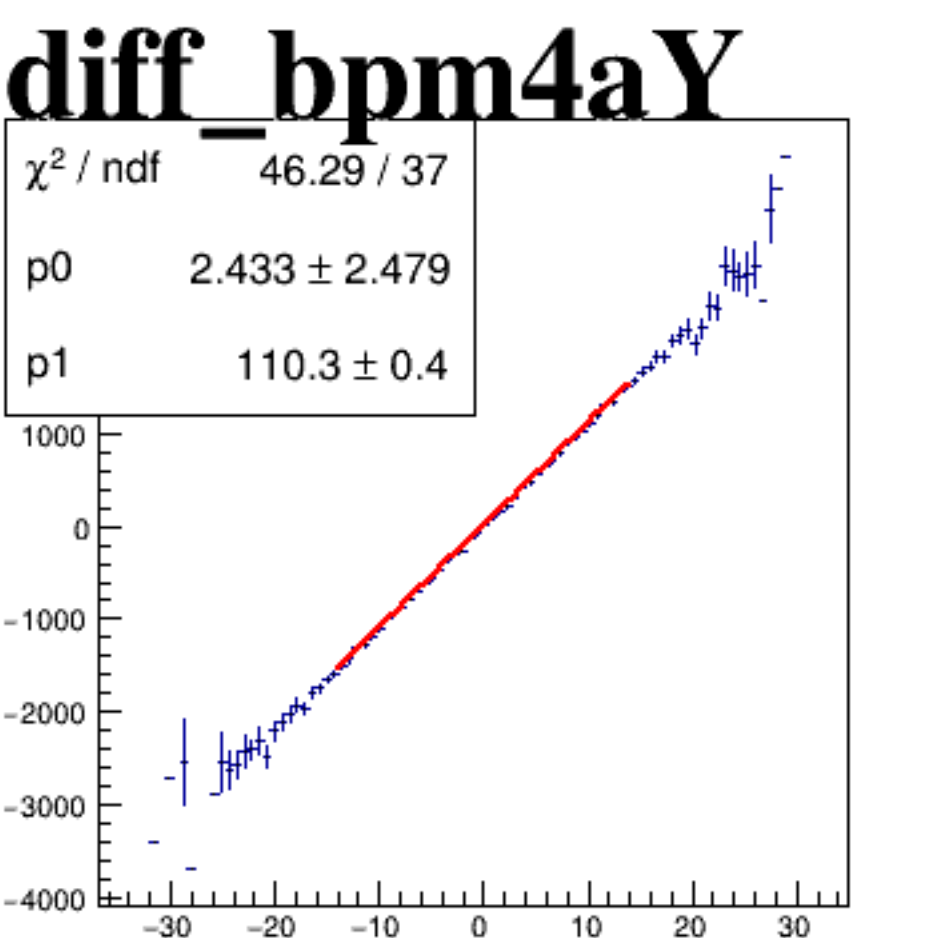
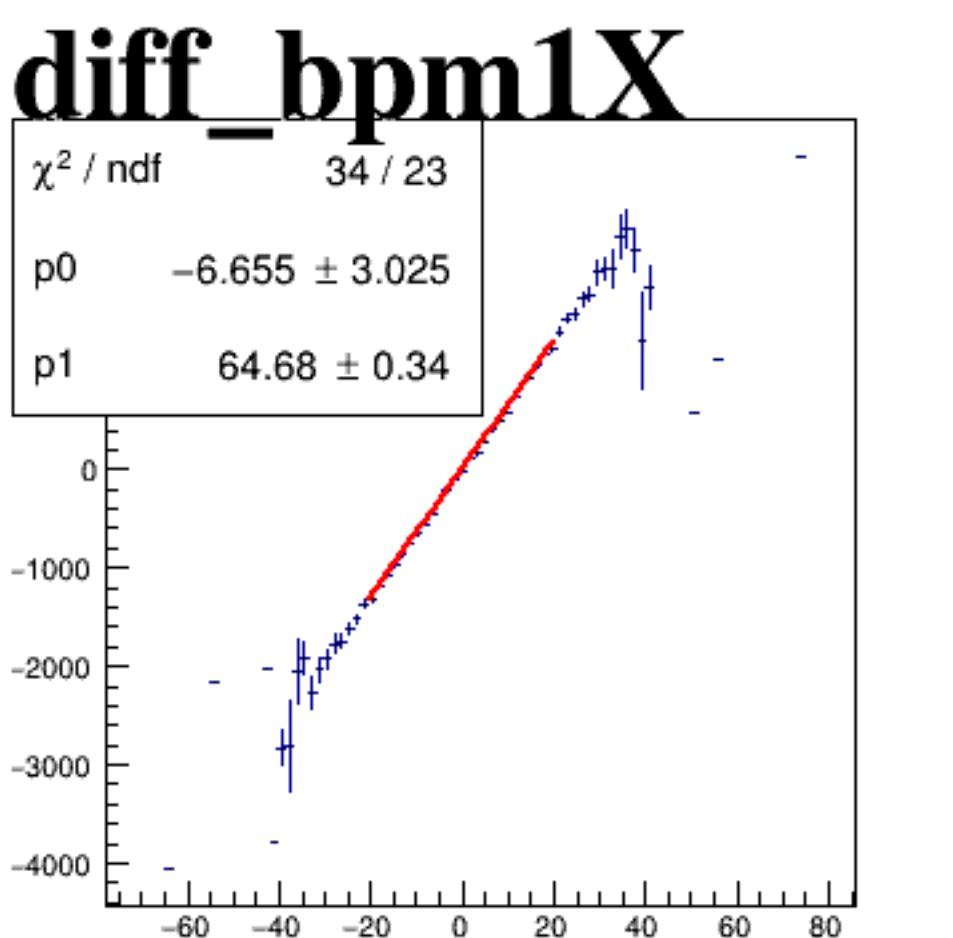
asym_sam2



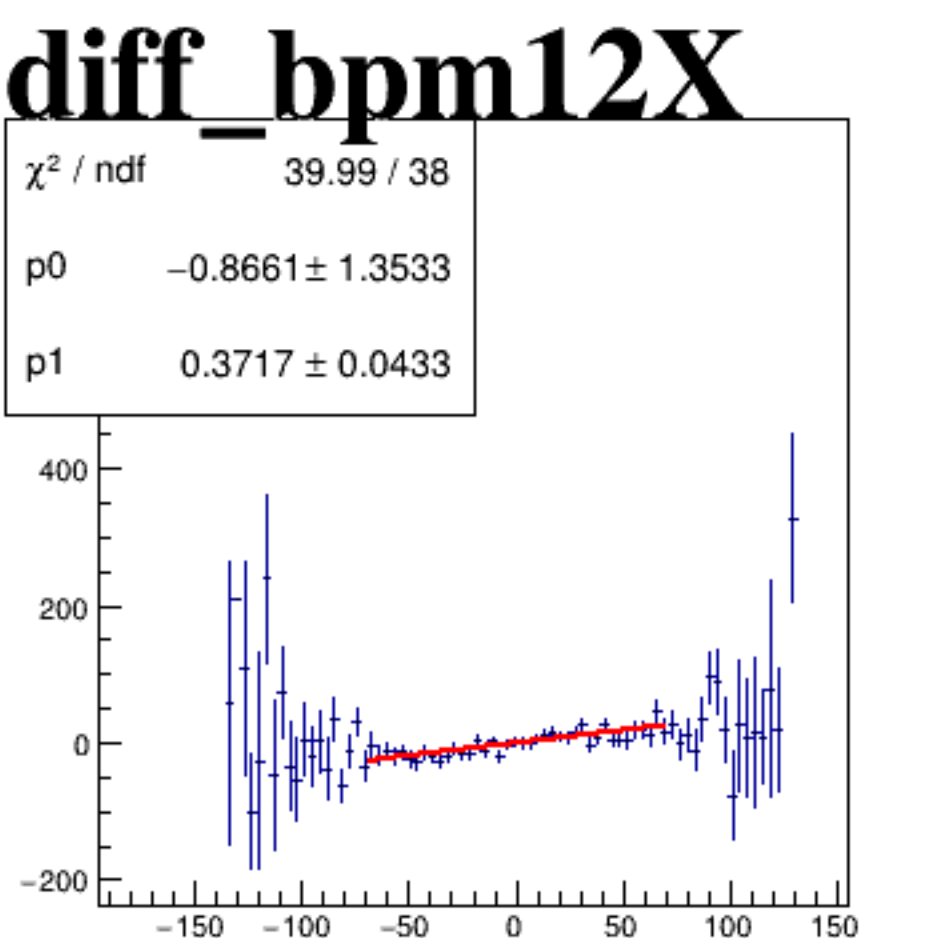
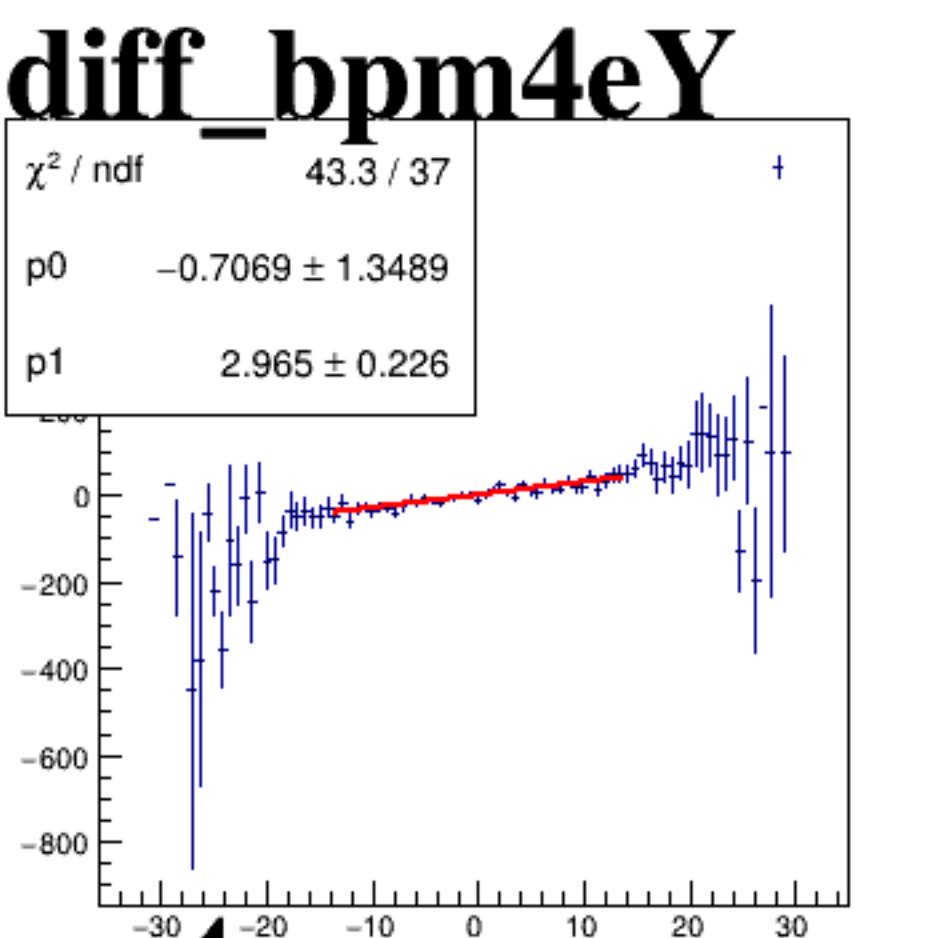
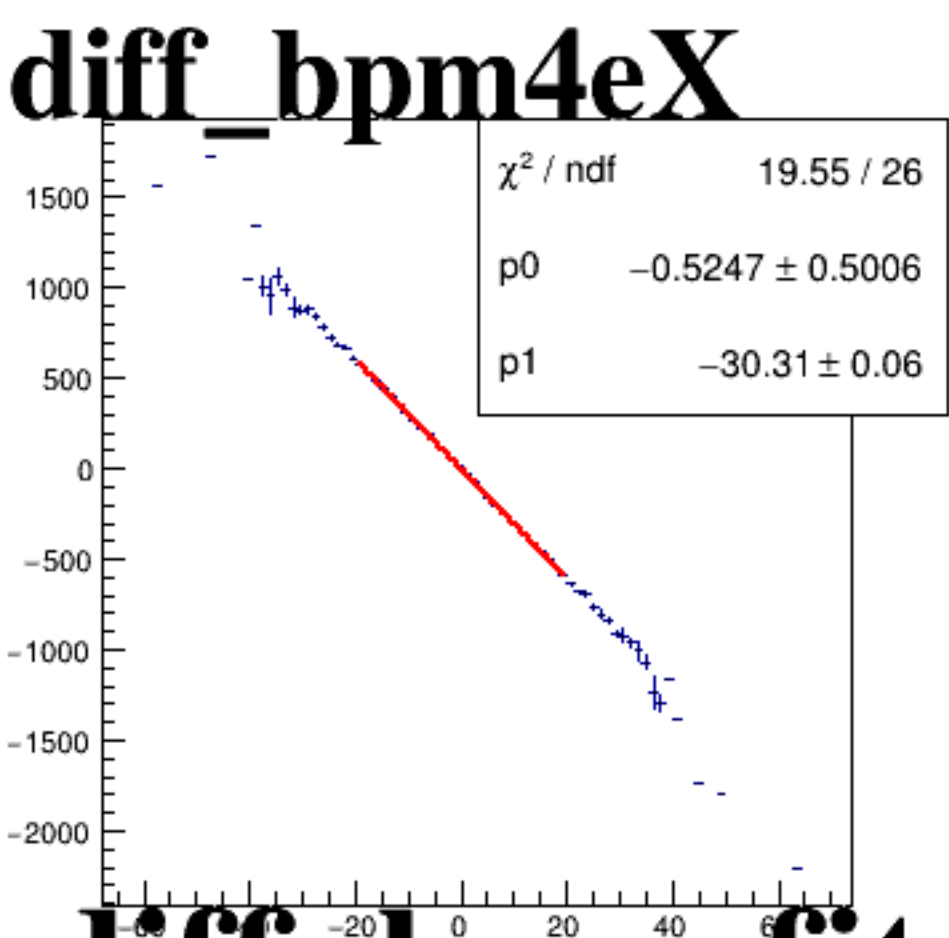
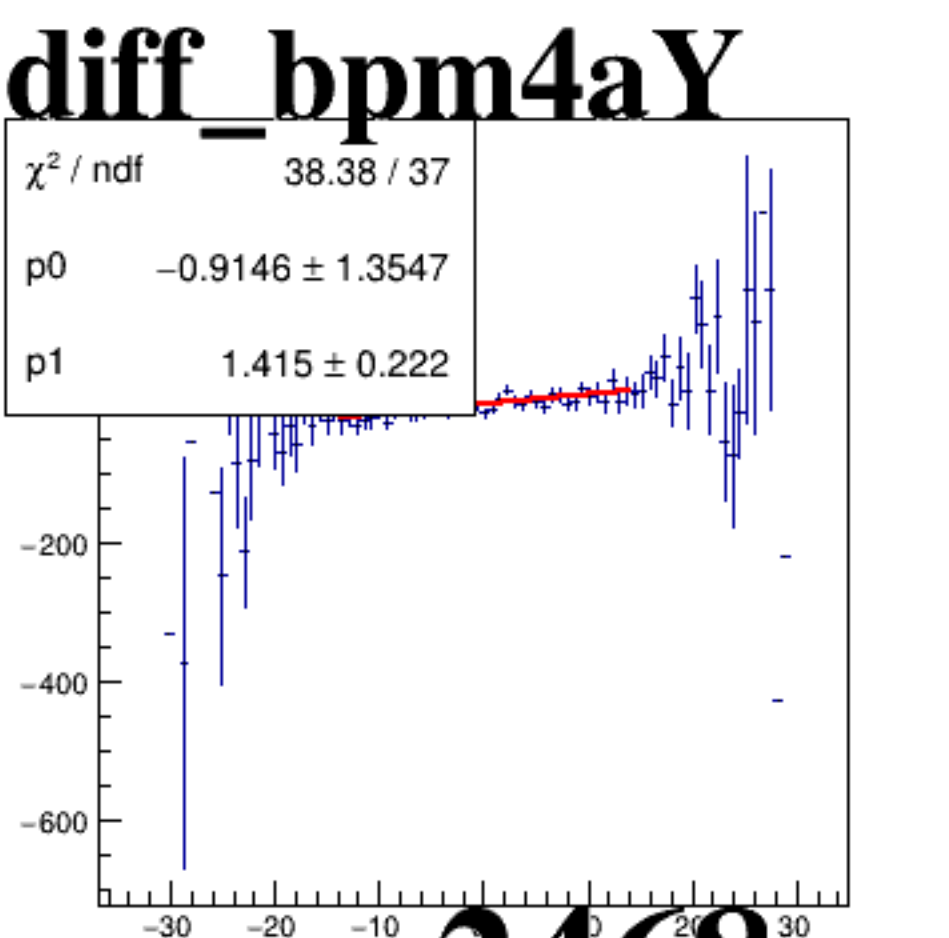
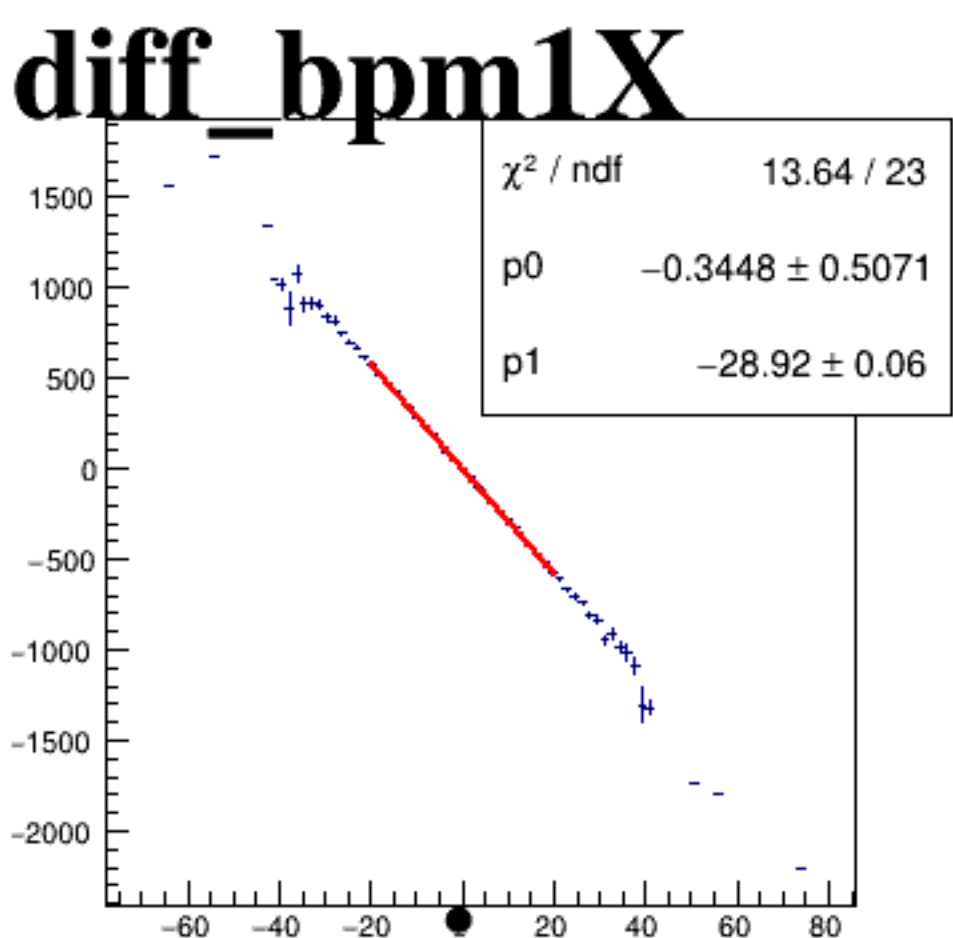
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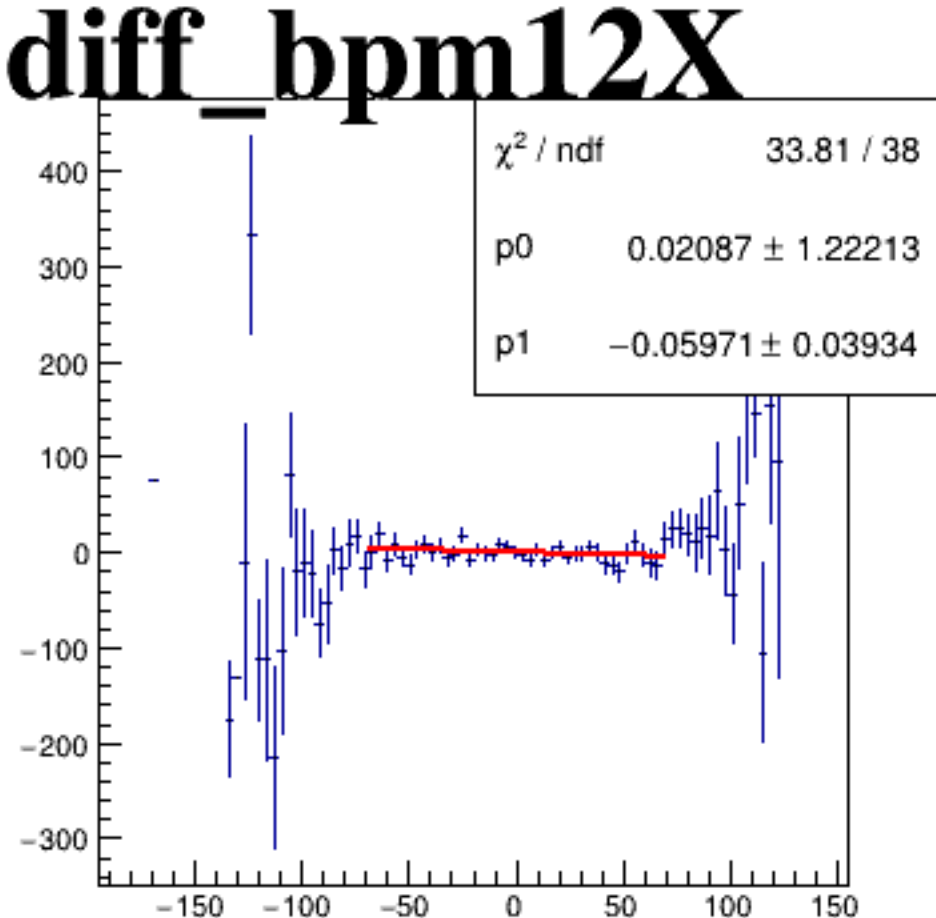
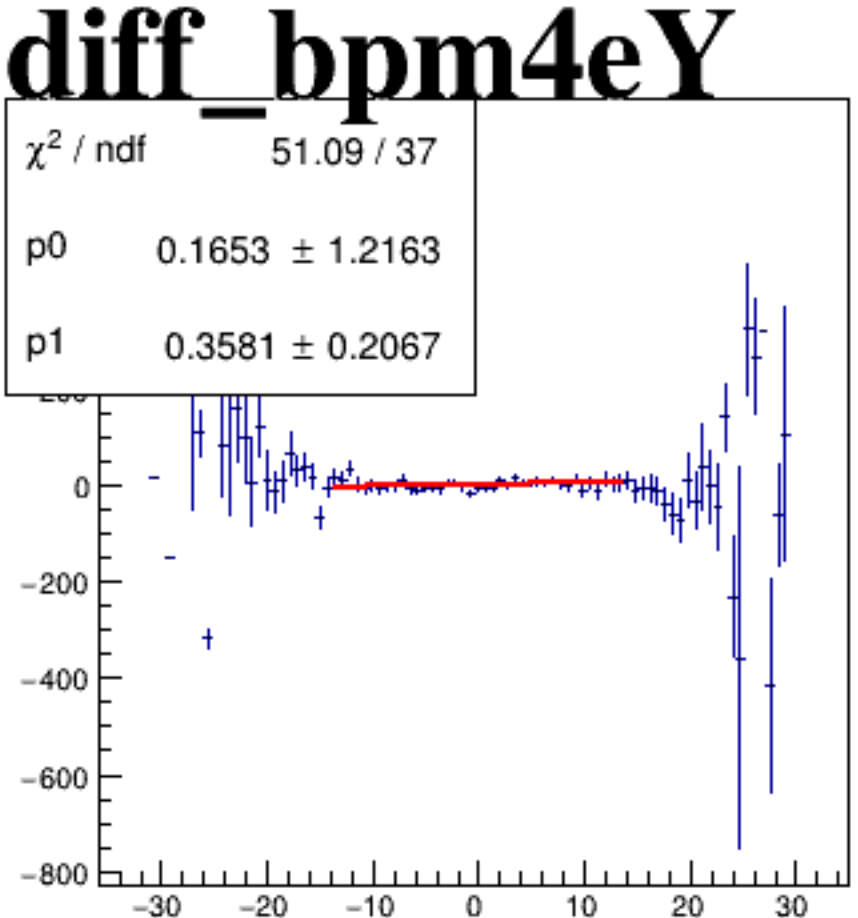
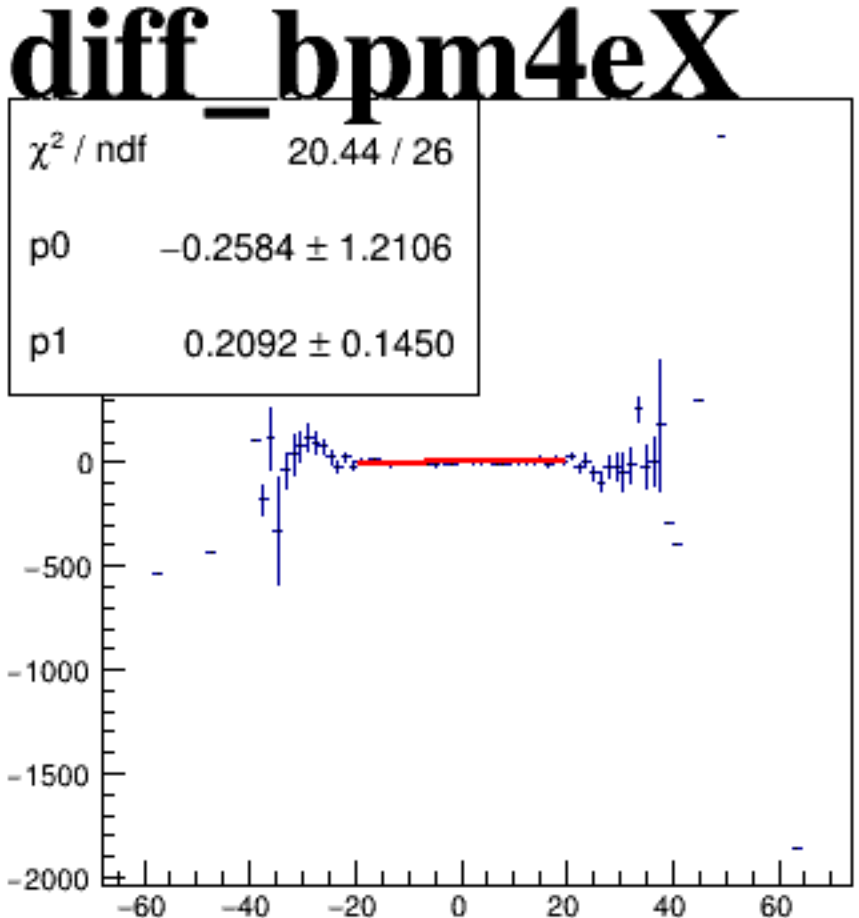
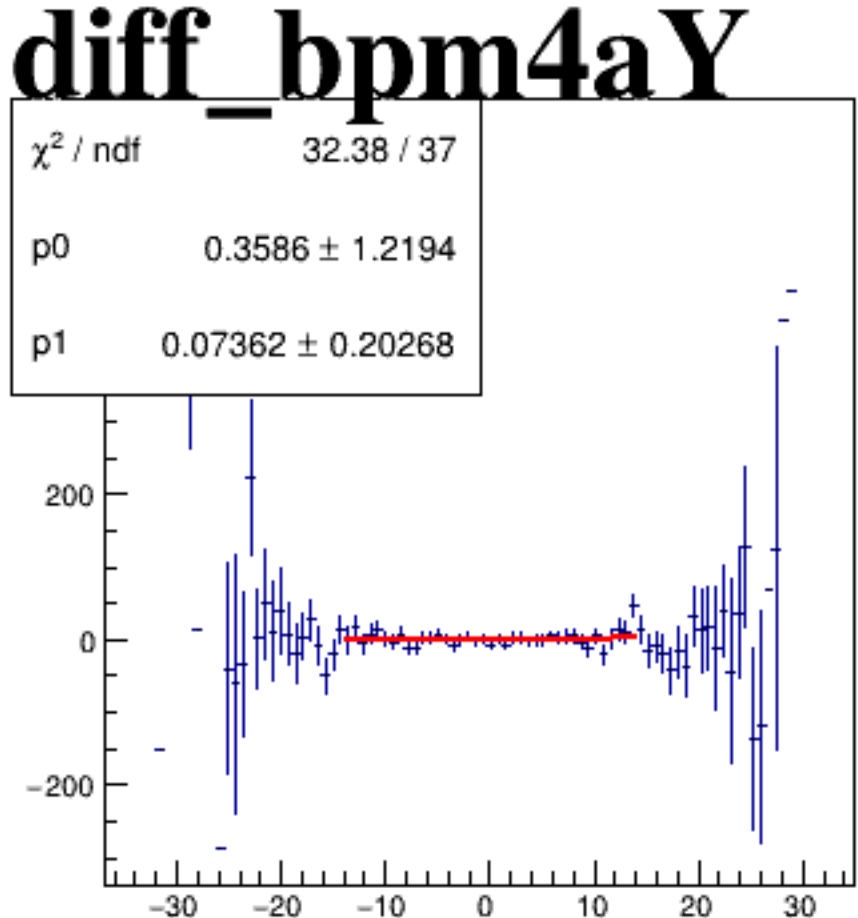
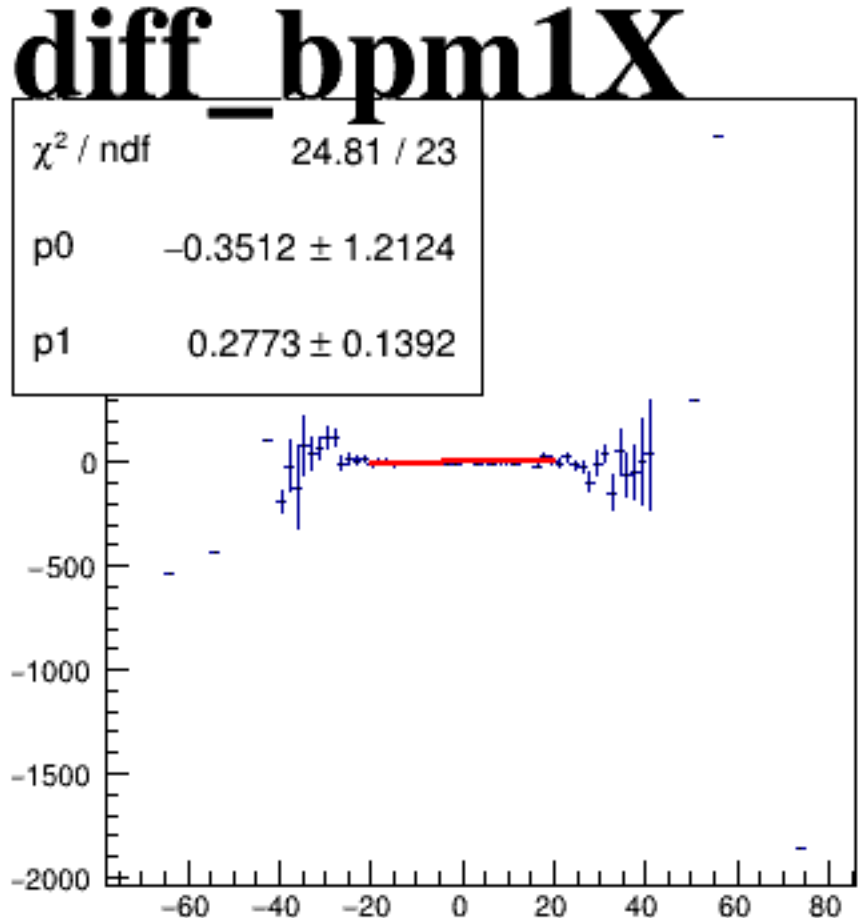
asym_sam6



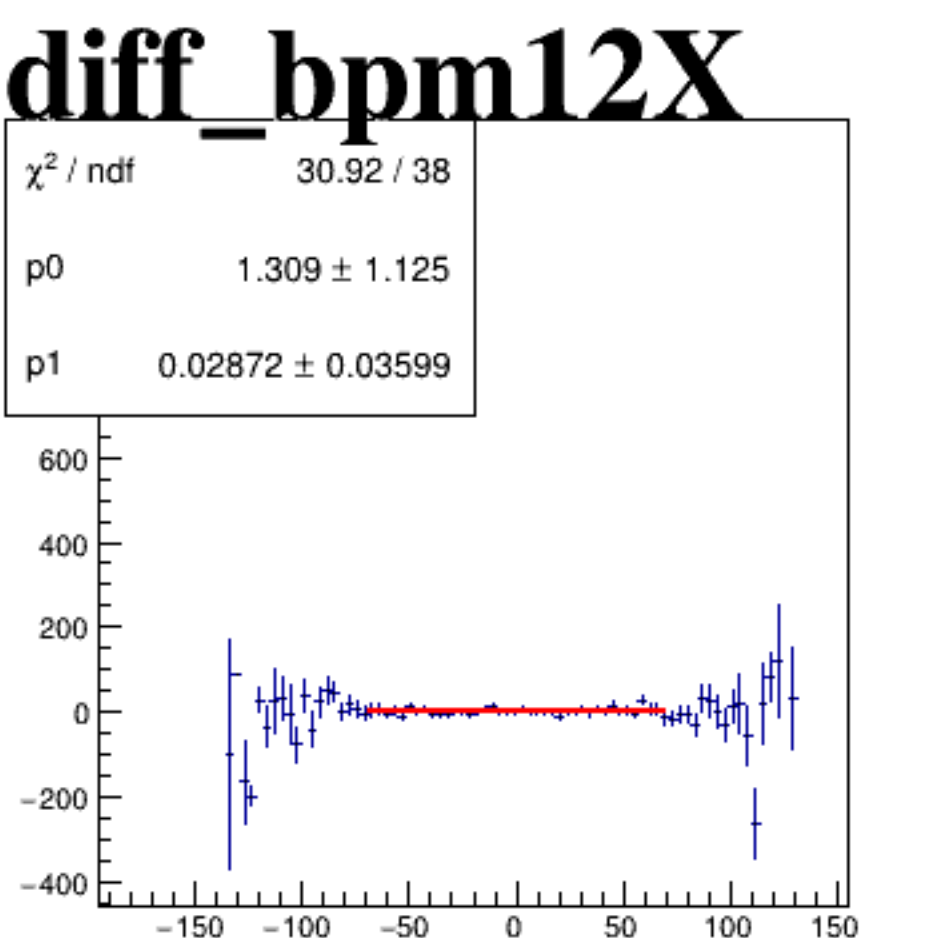
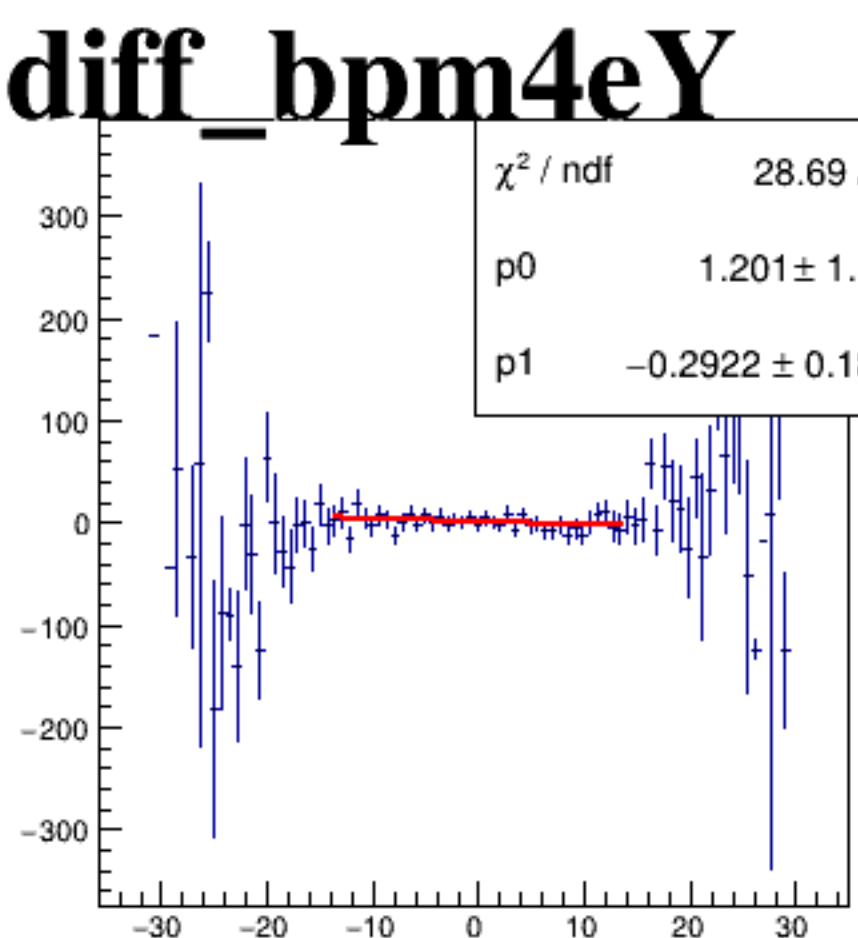
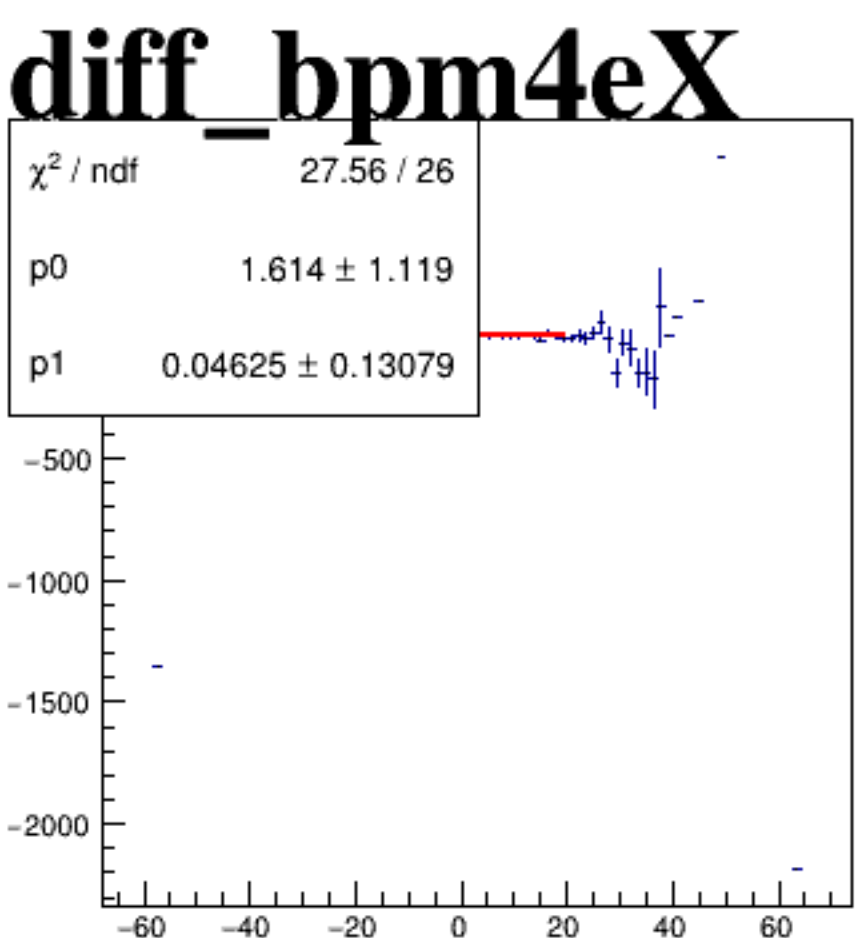
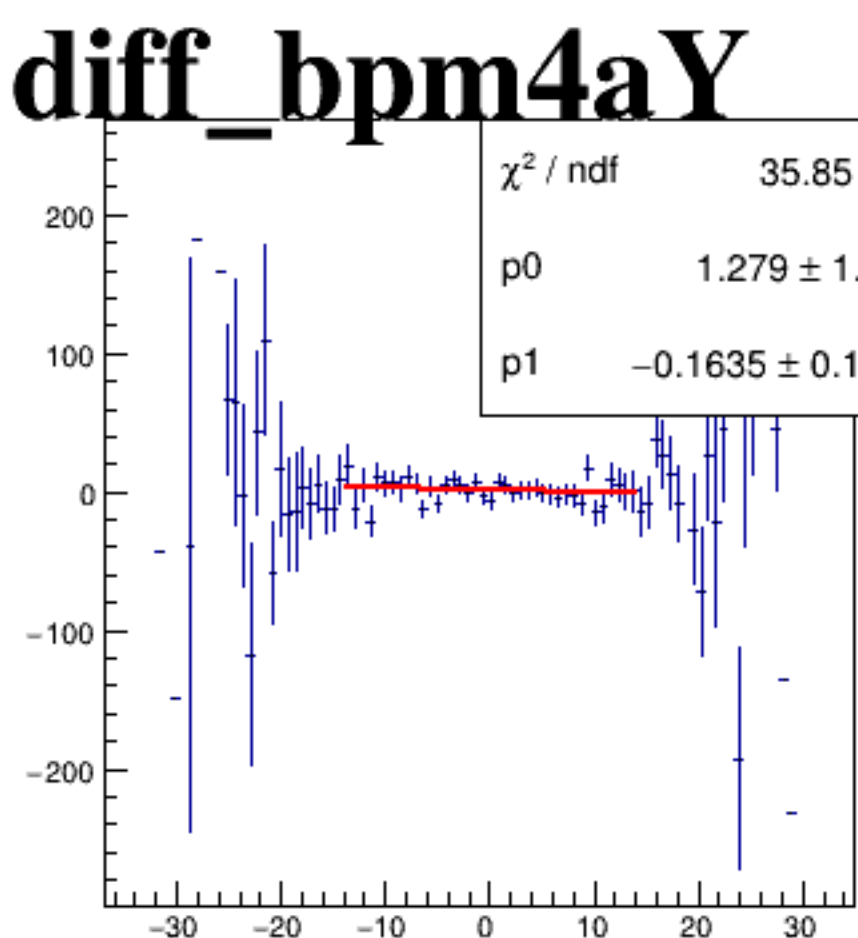
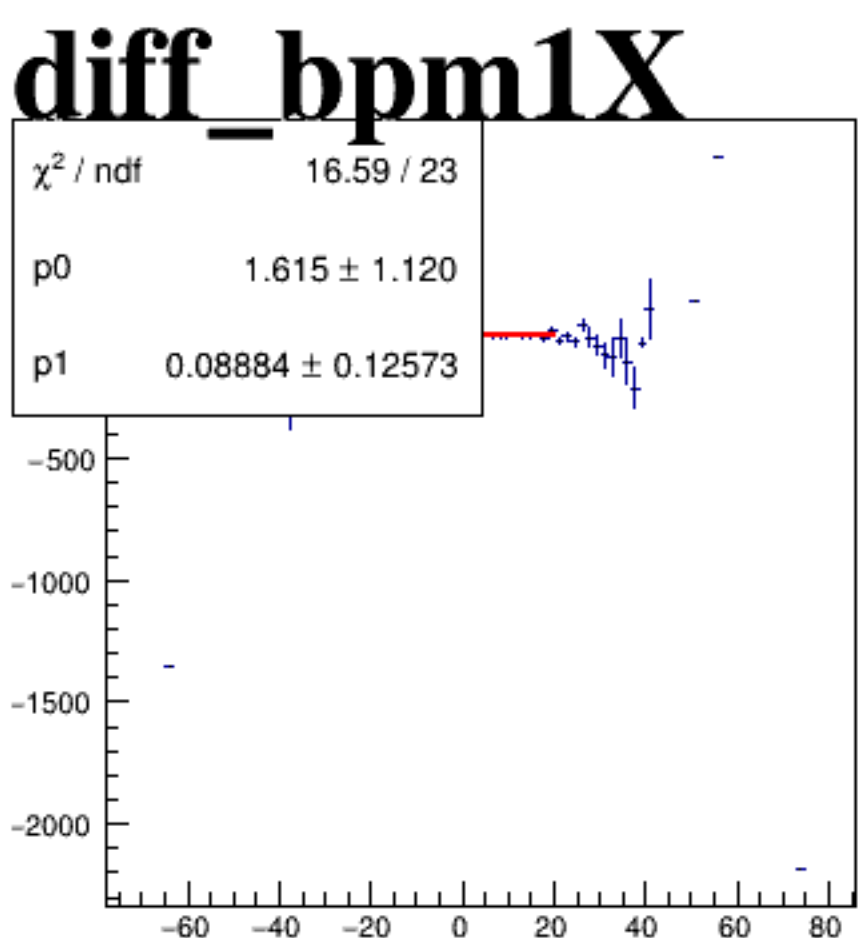
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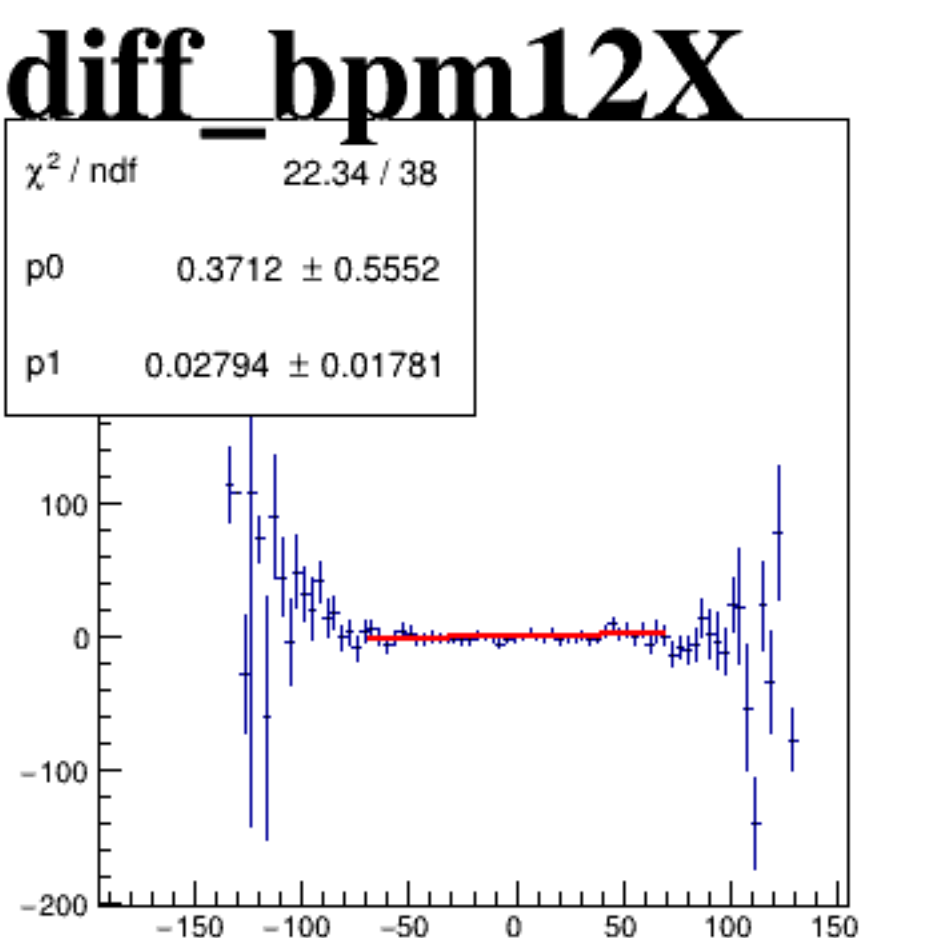
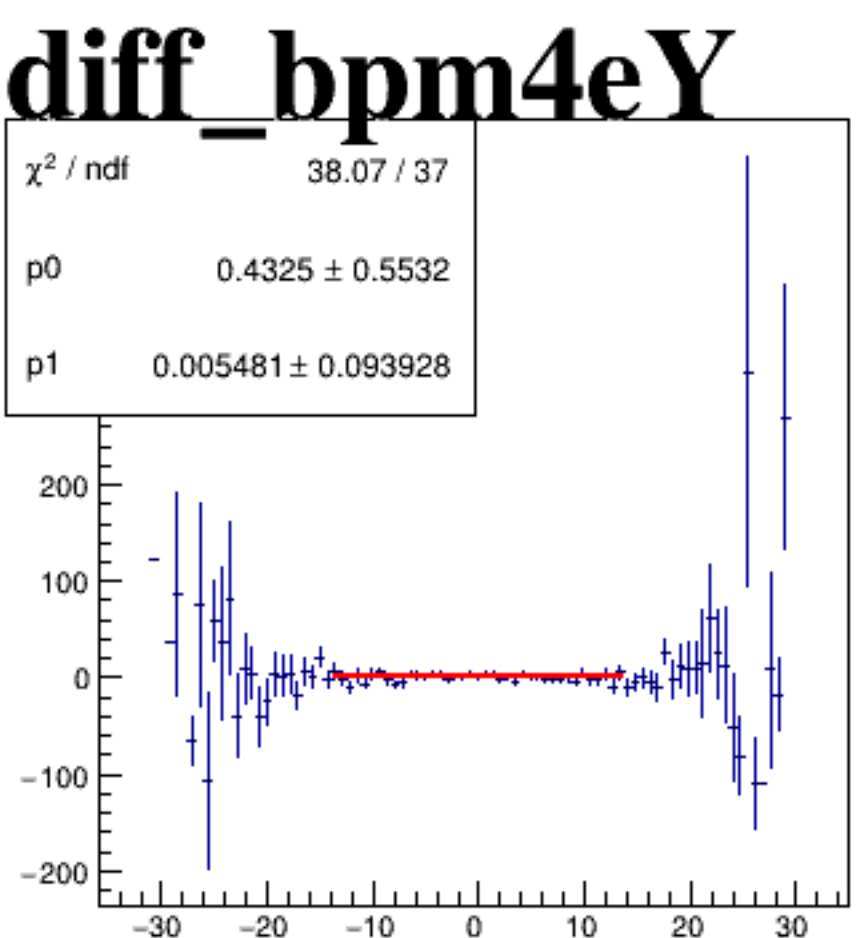
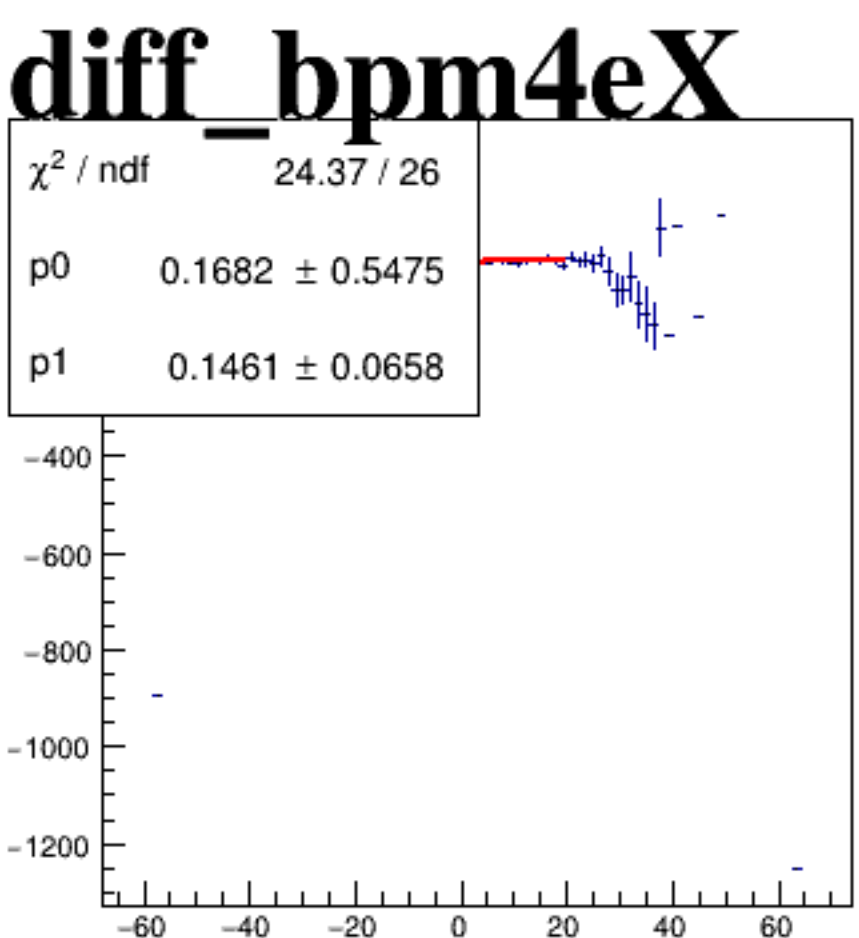
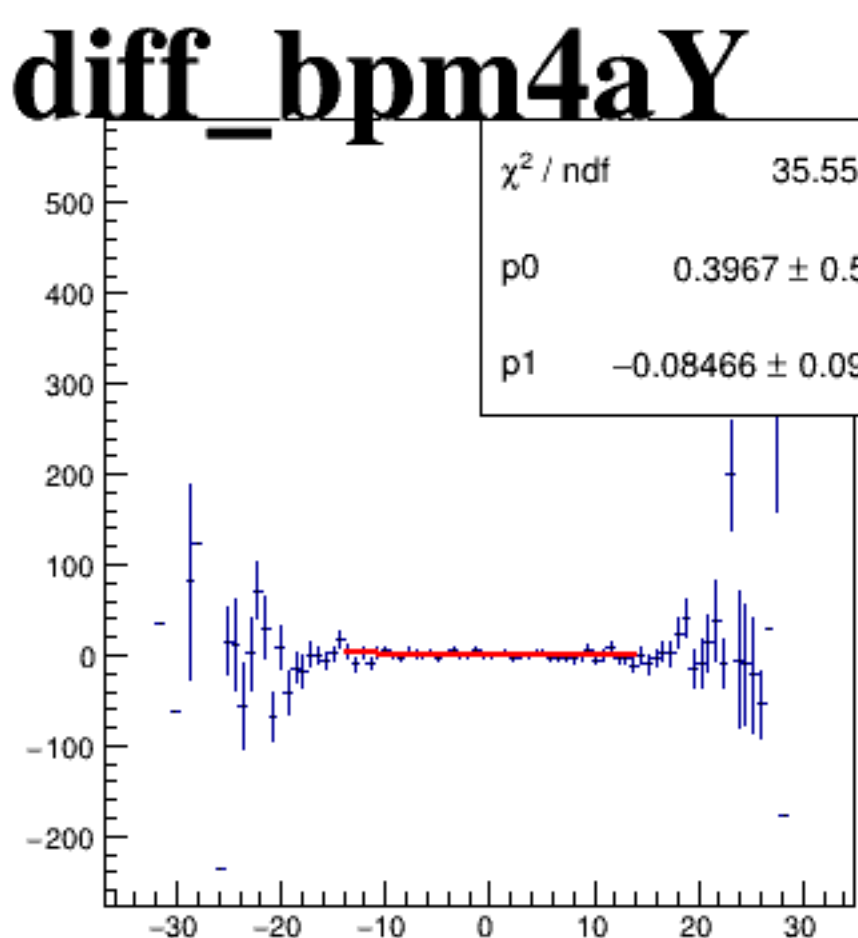
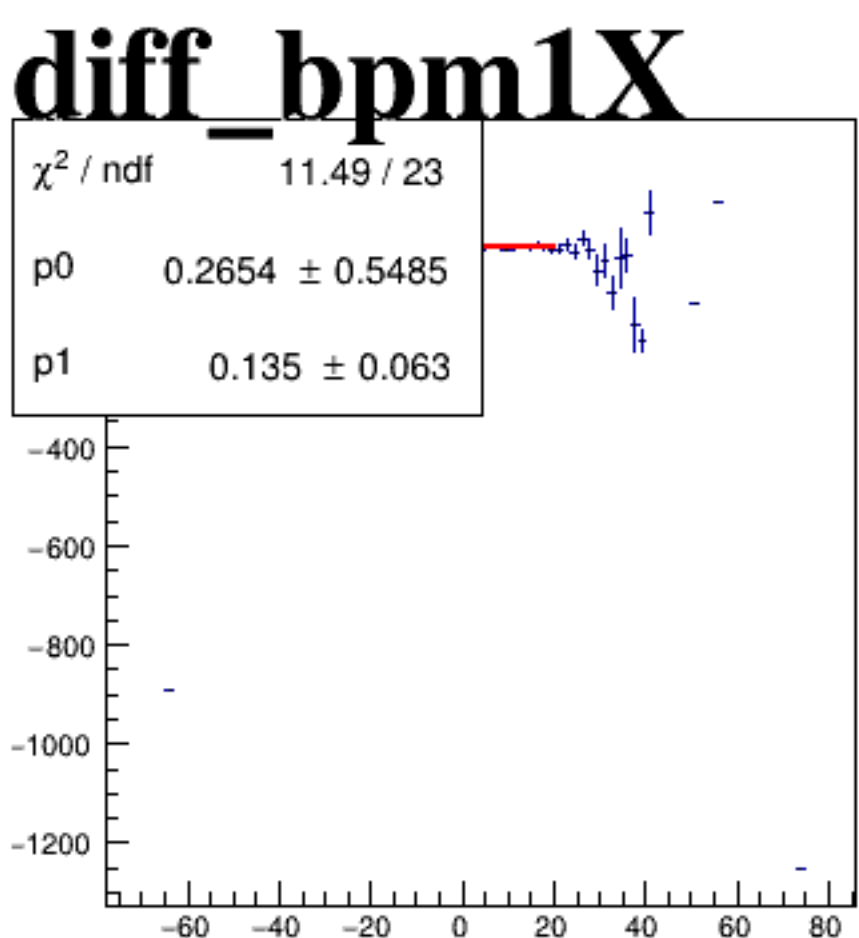
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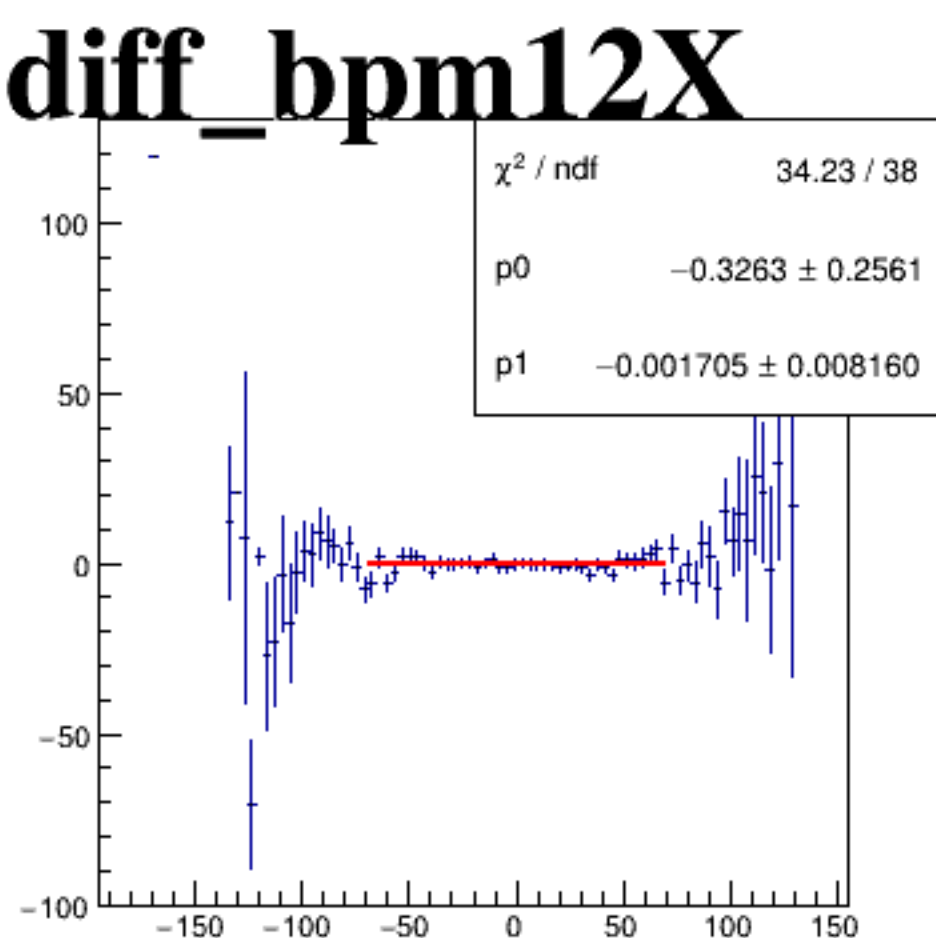
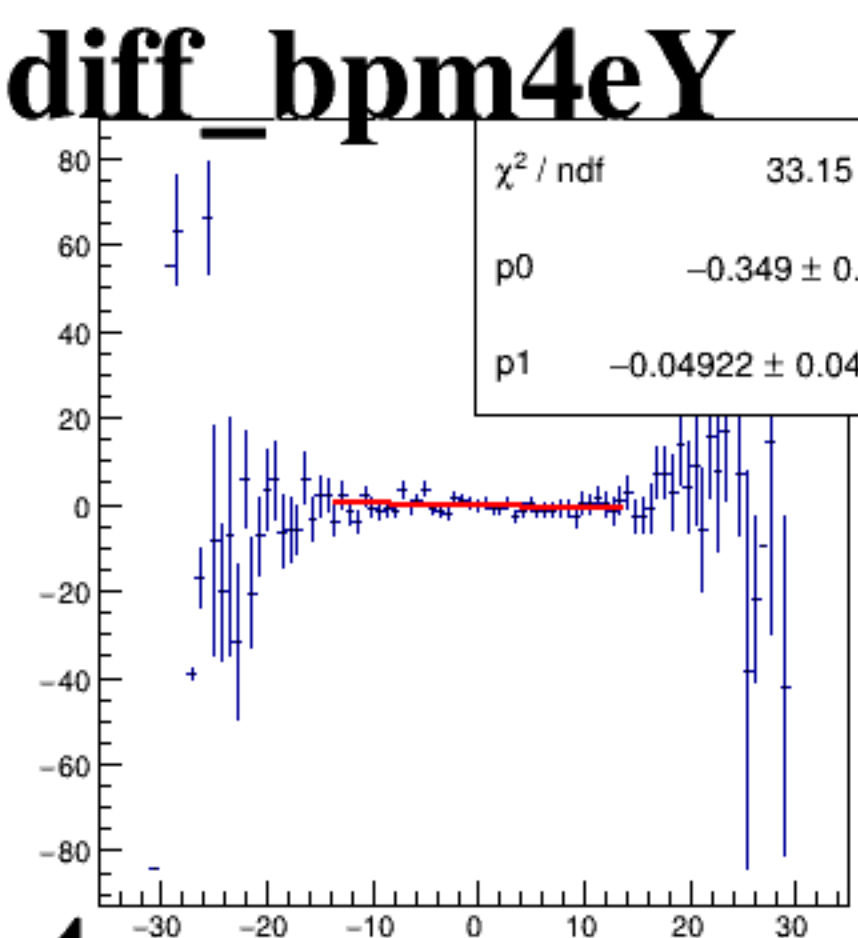
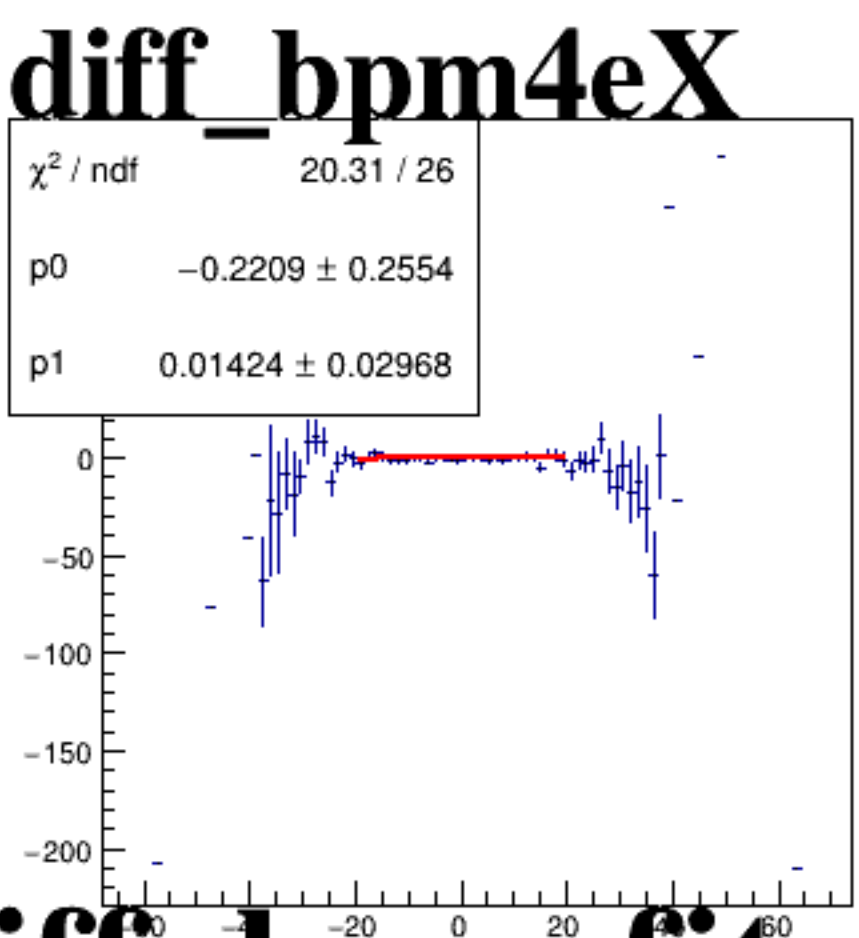
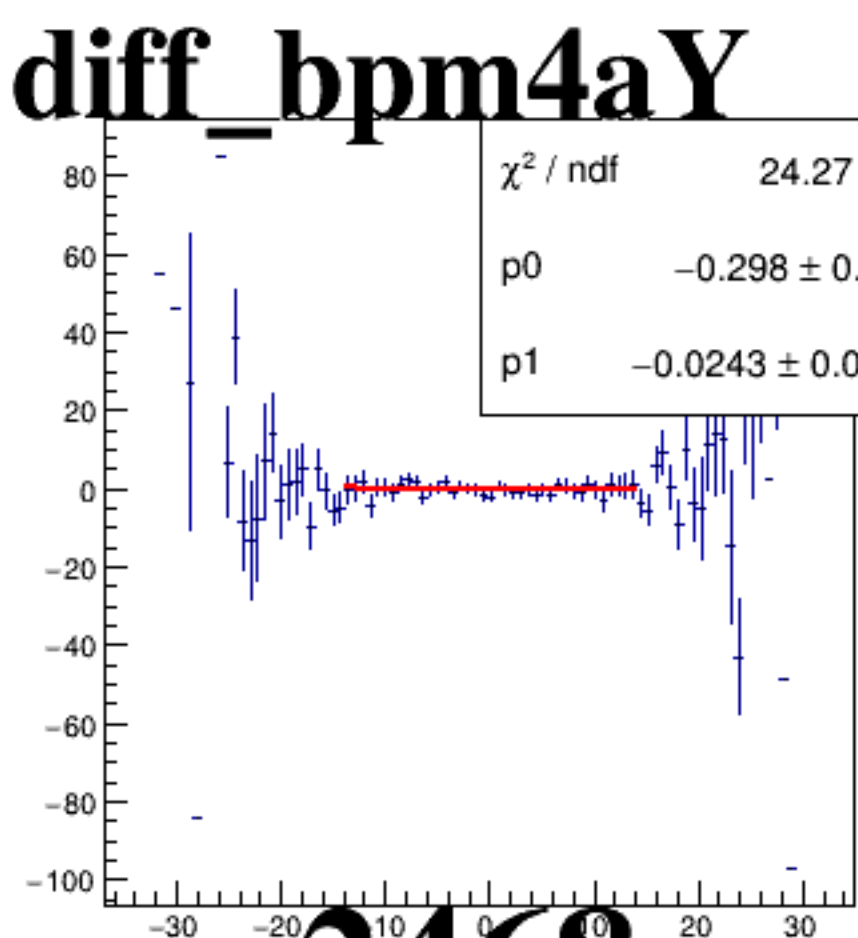
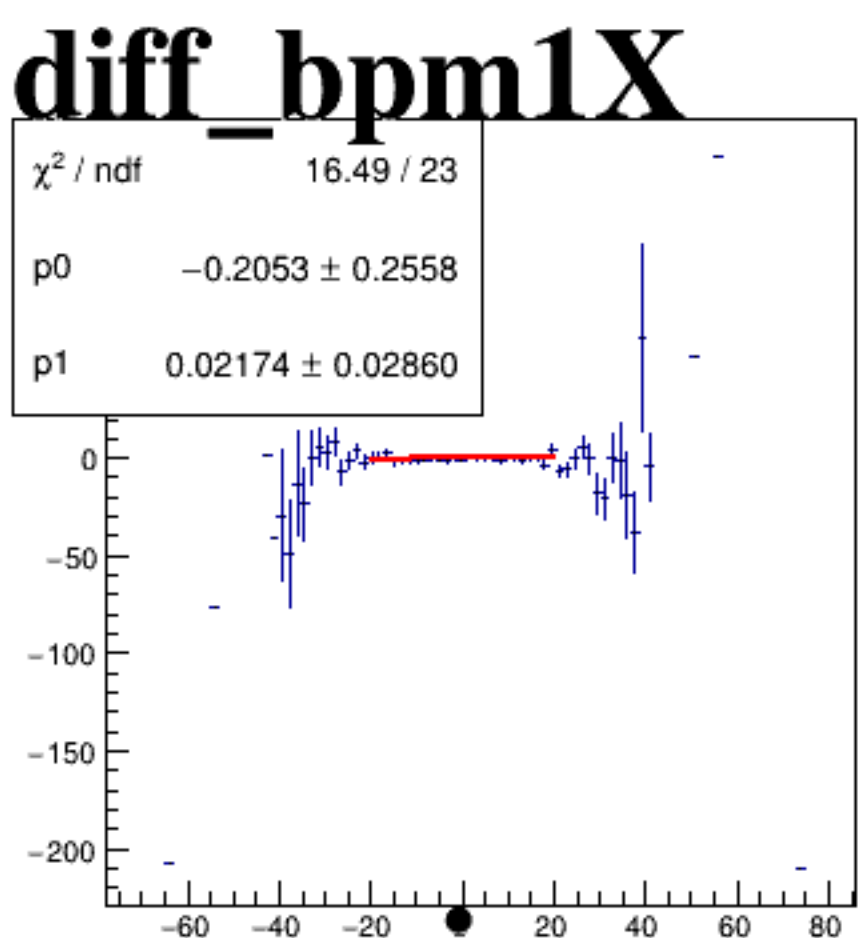
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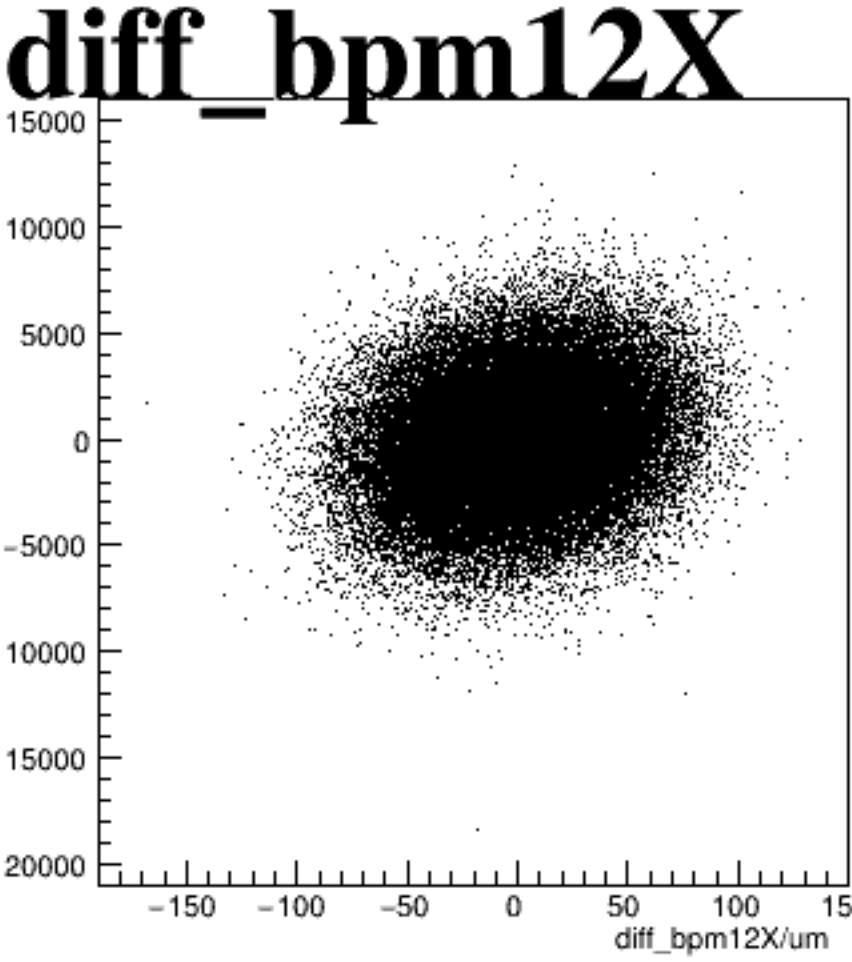
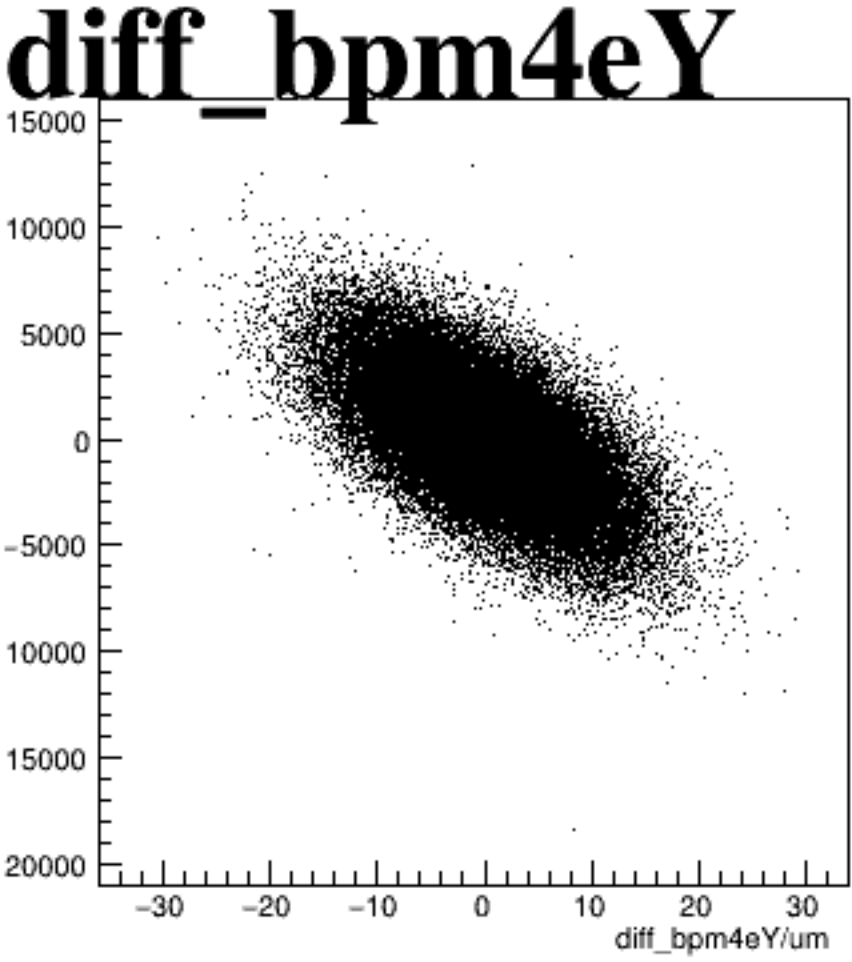
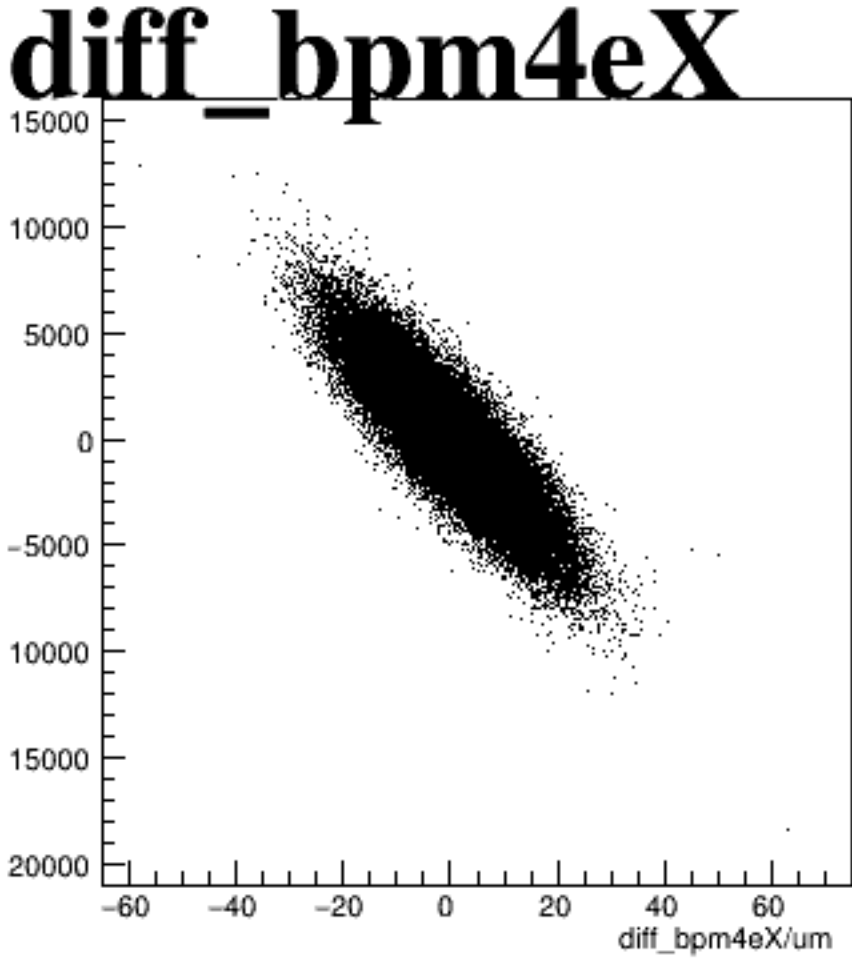
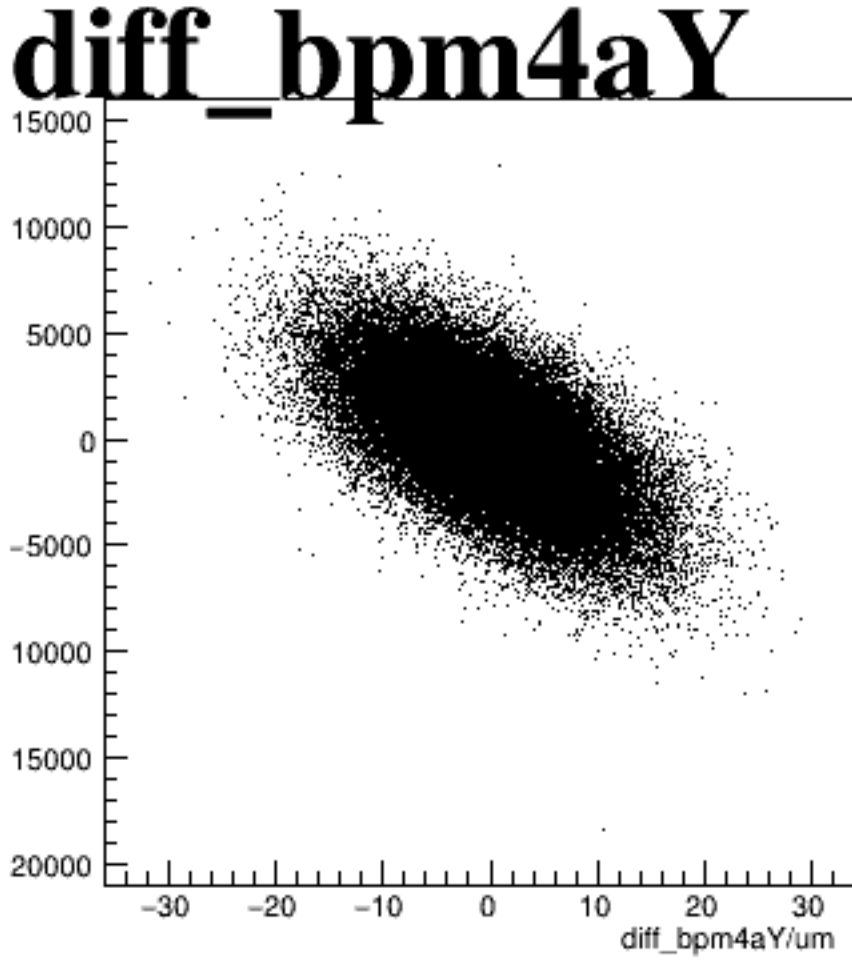
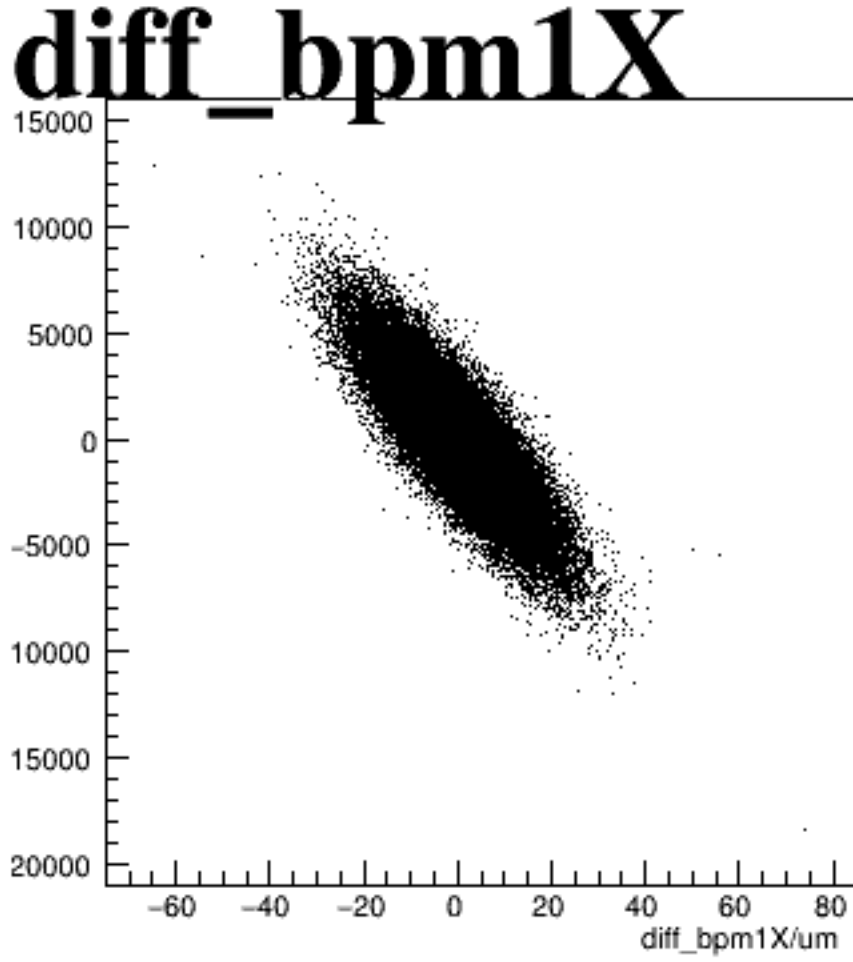
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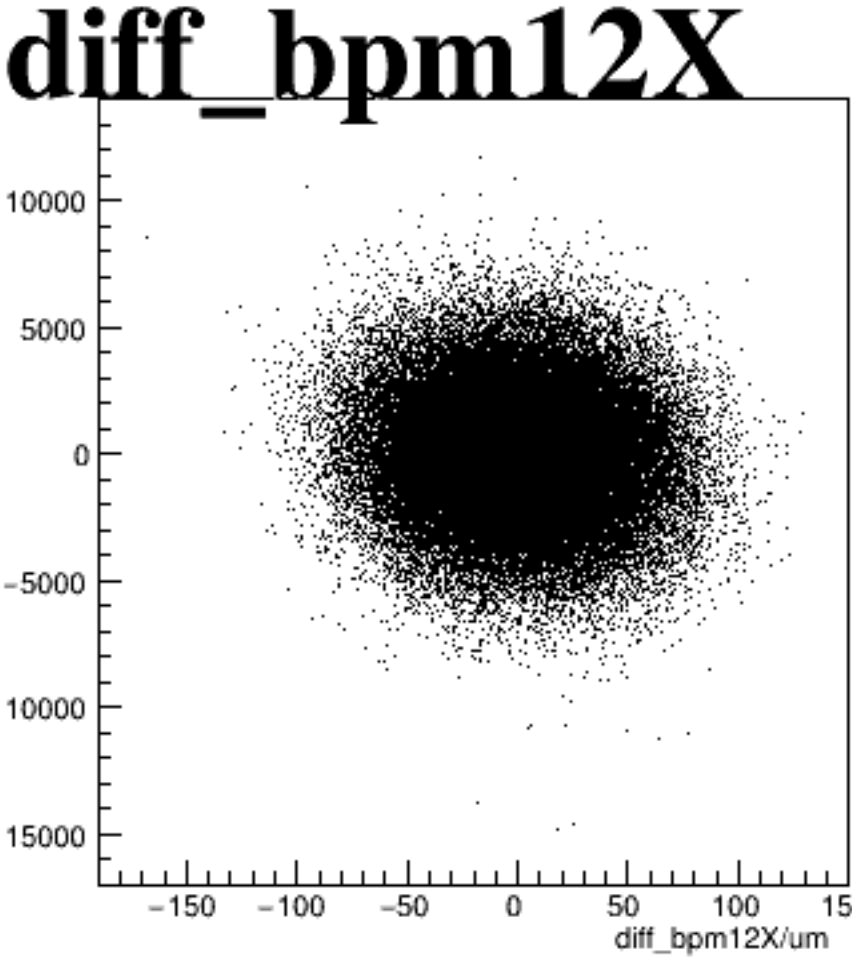
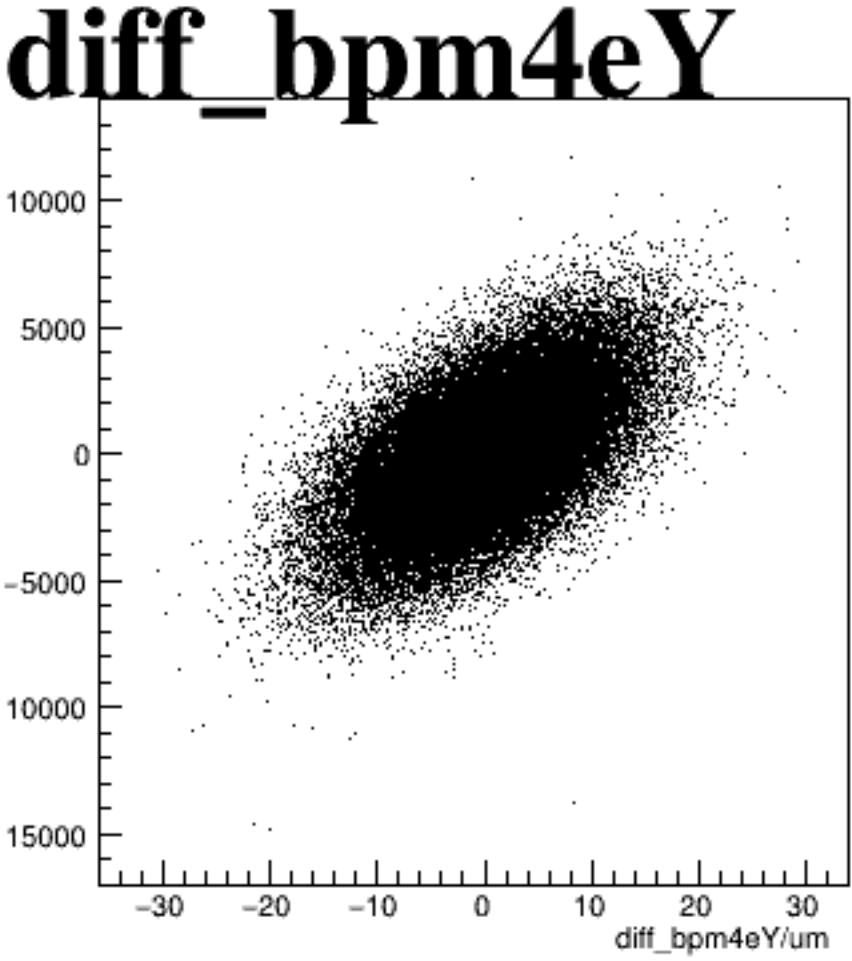
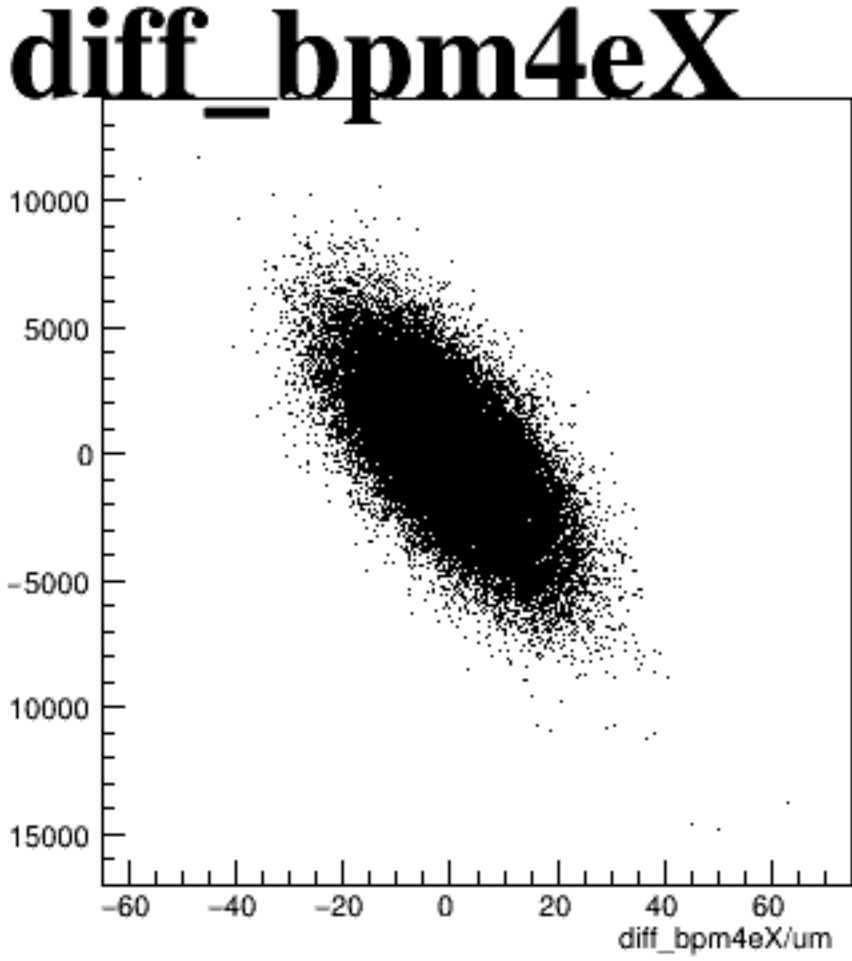
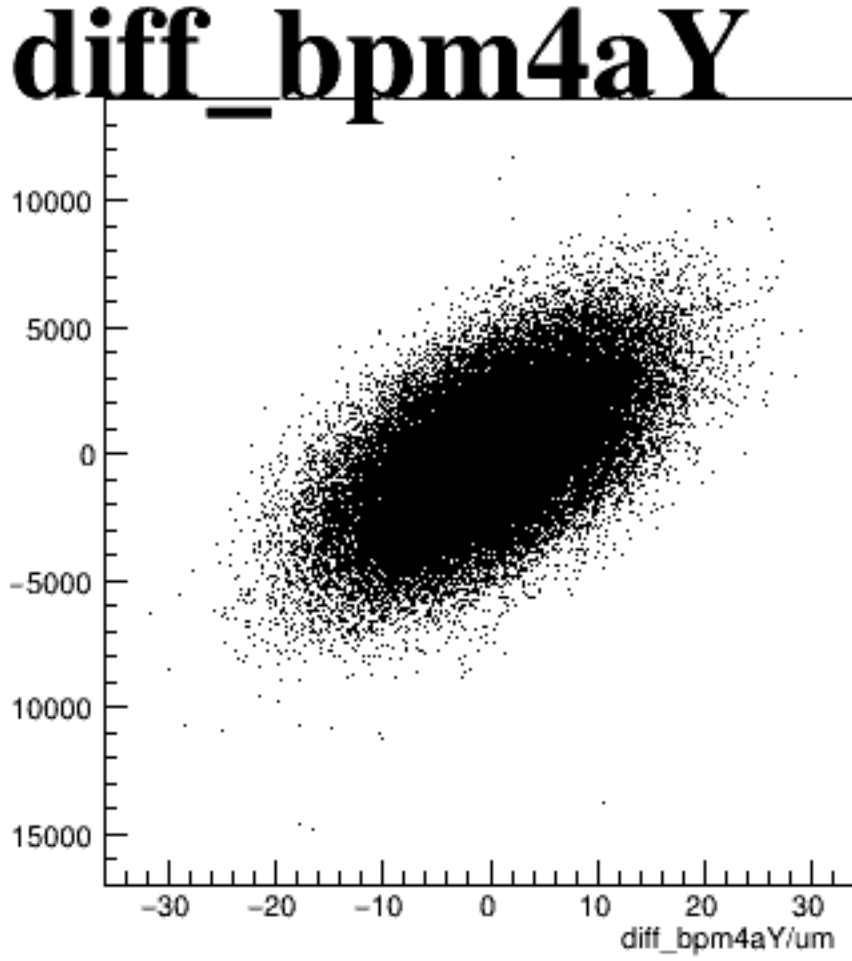
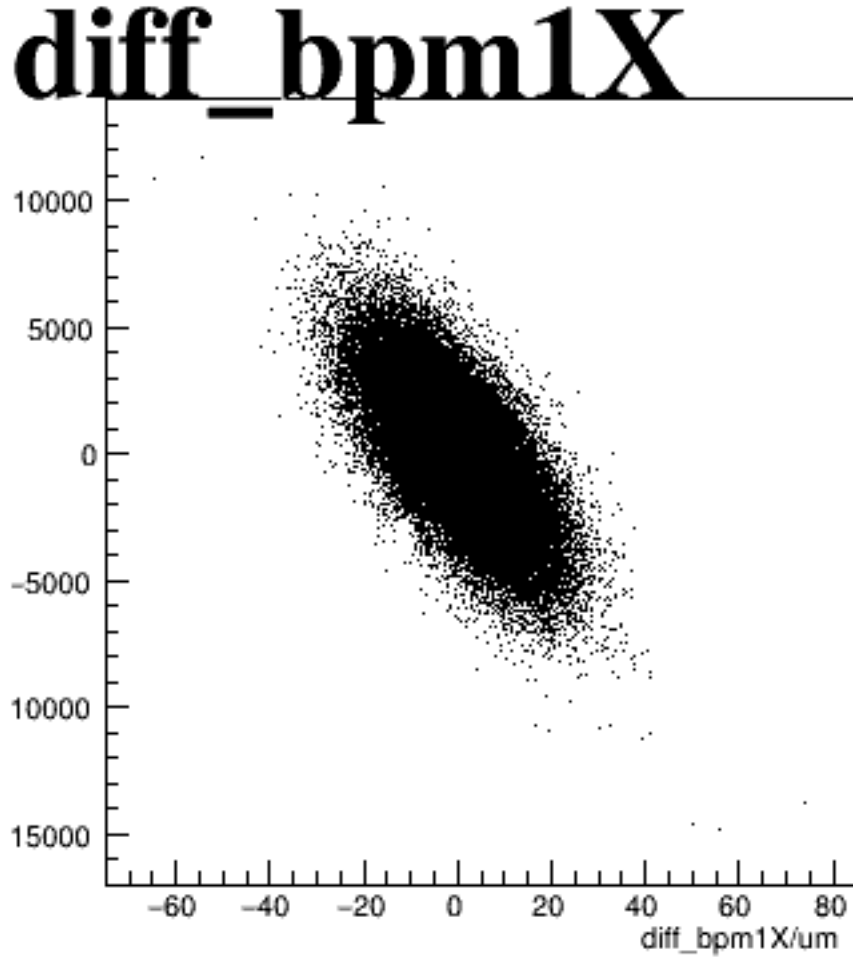
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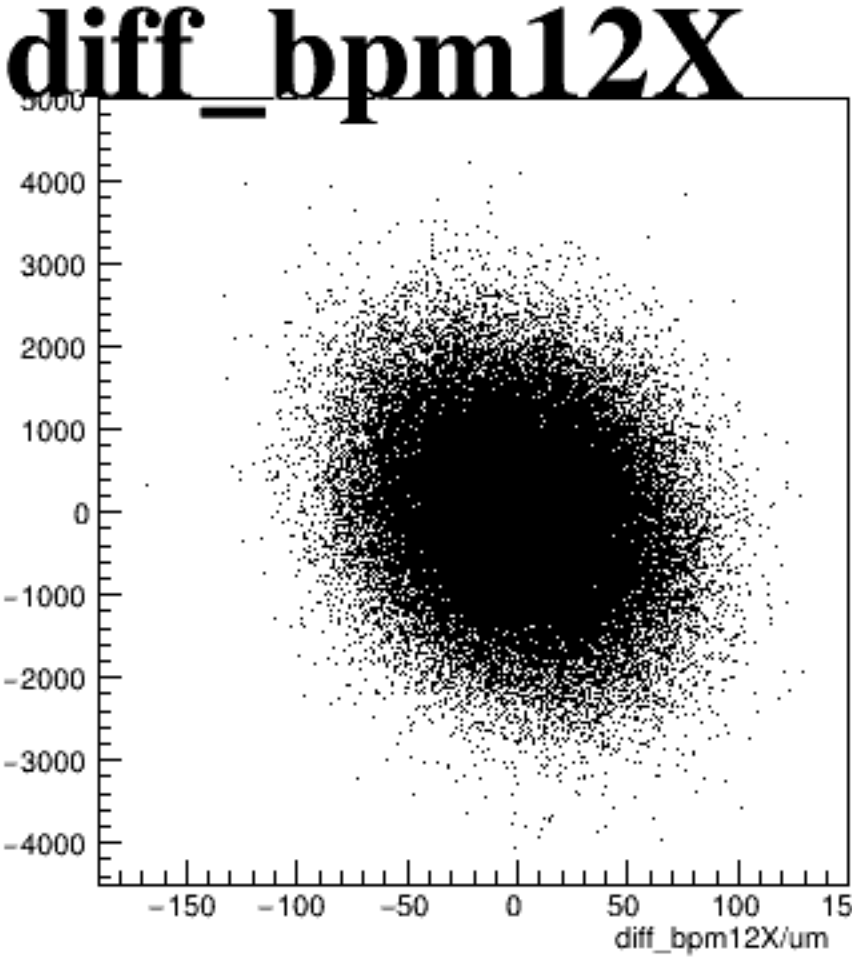
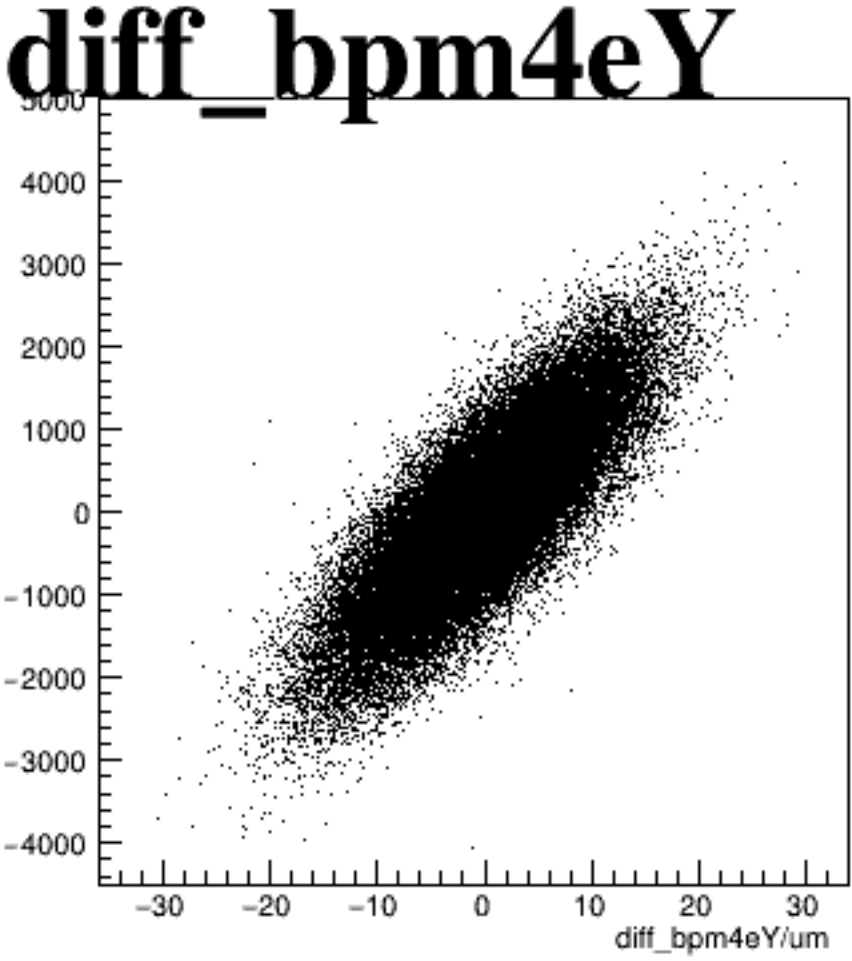
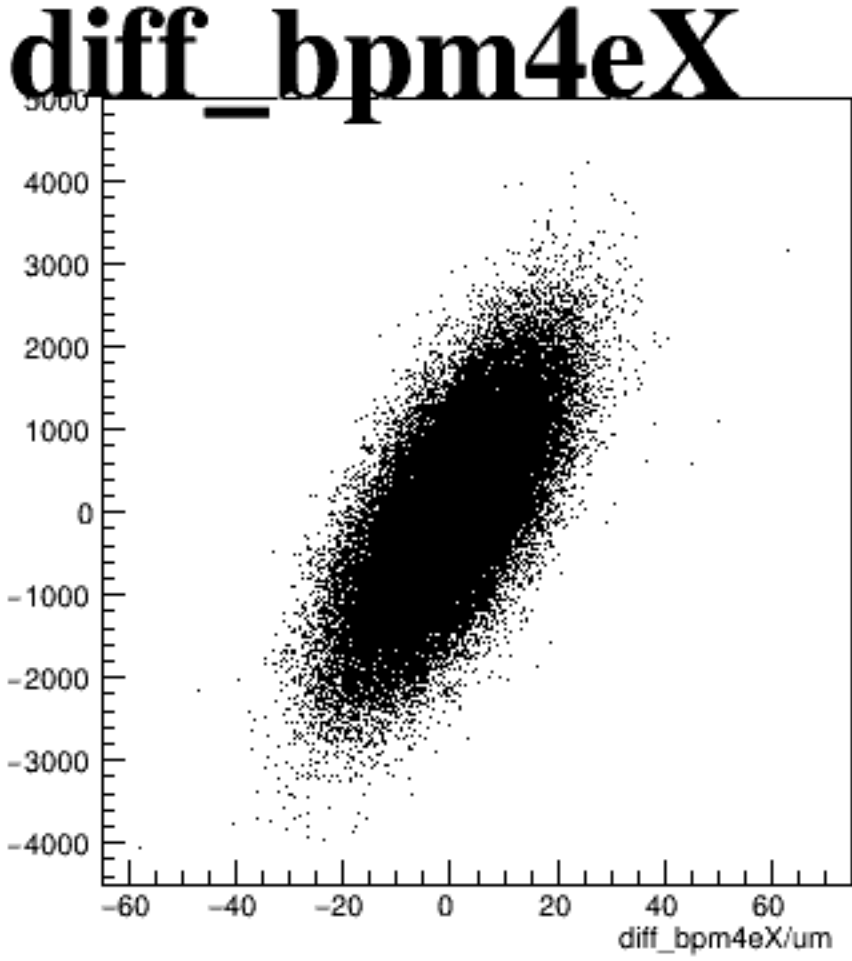
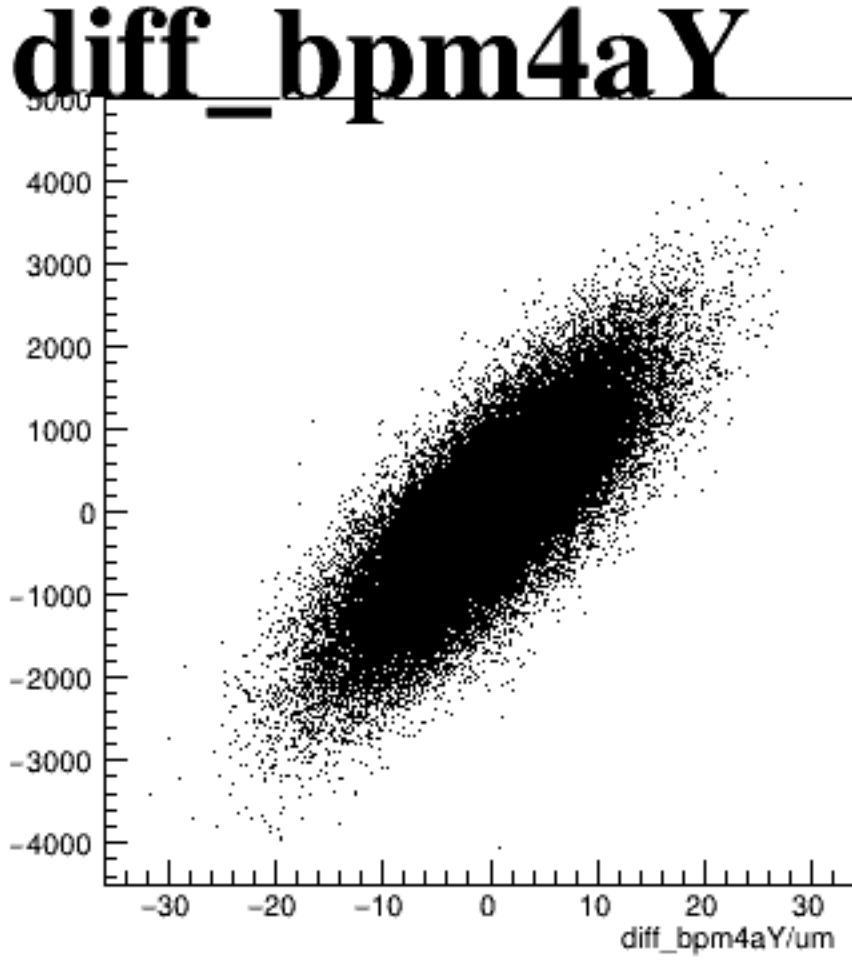
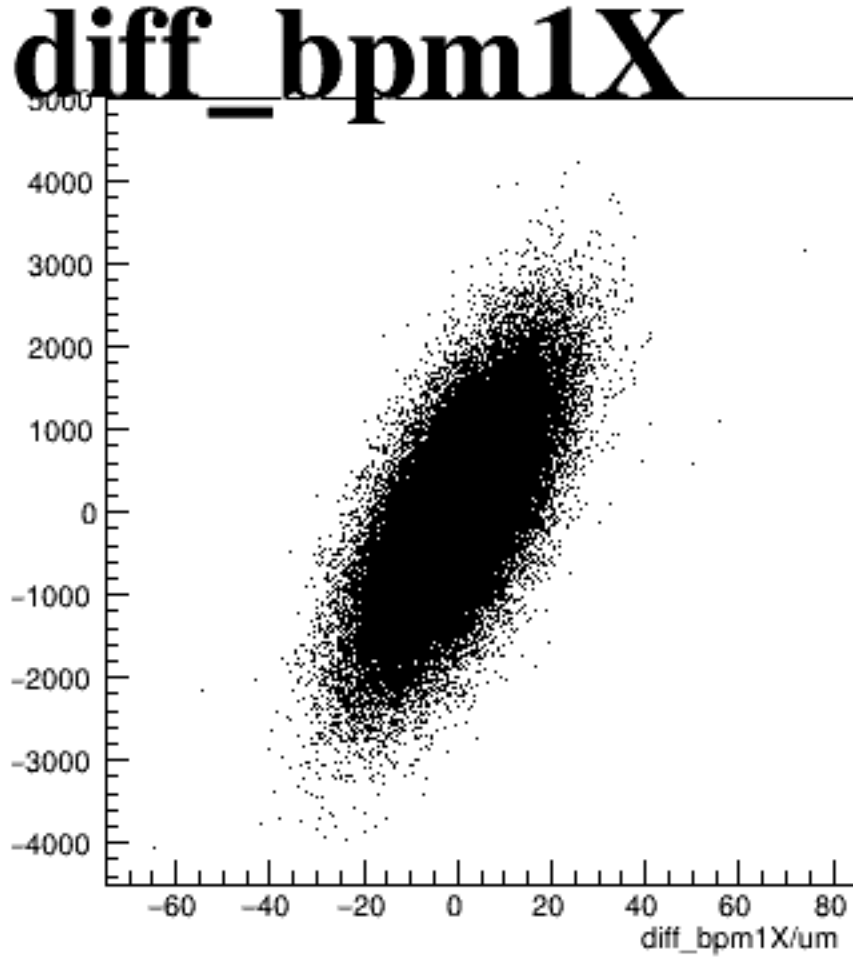
asym_sam2



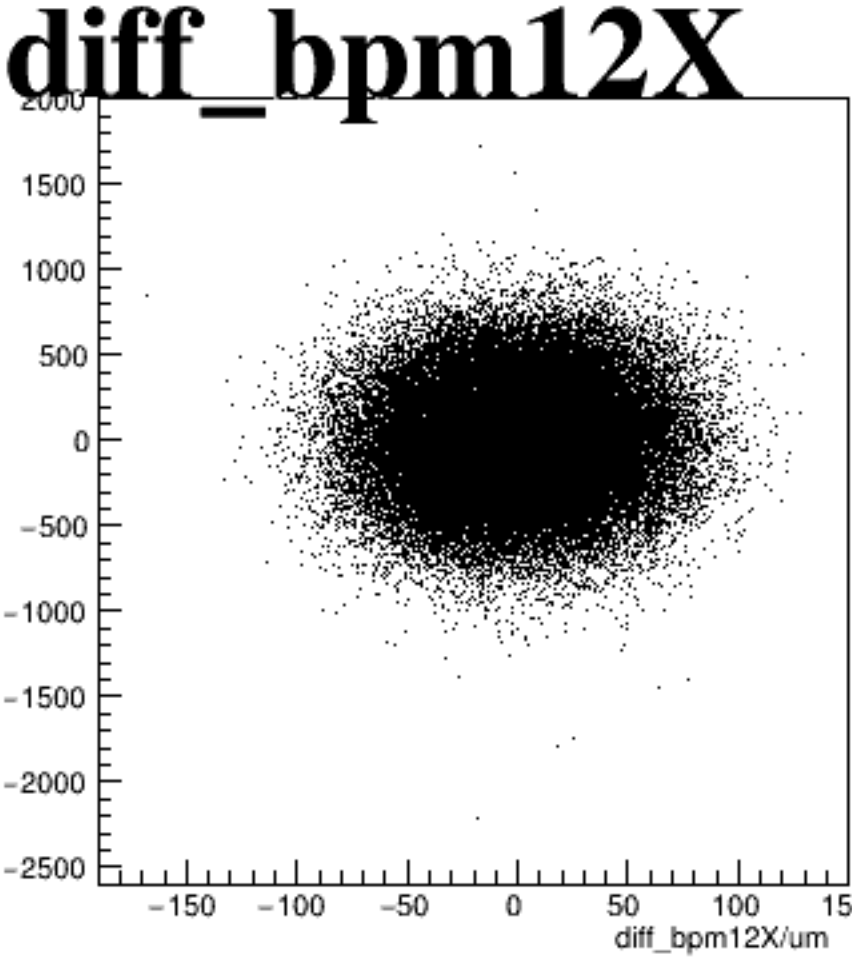
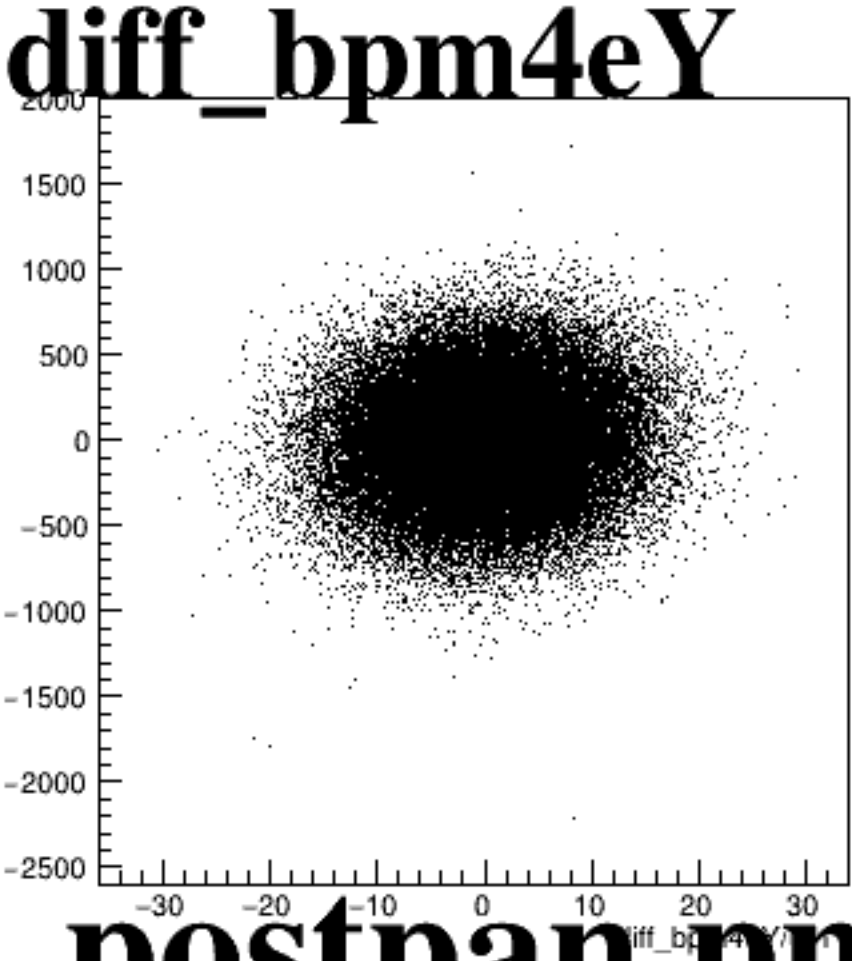
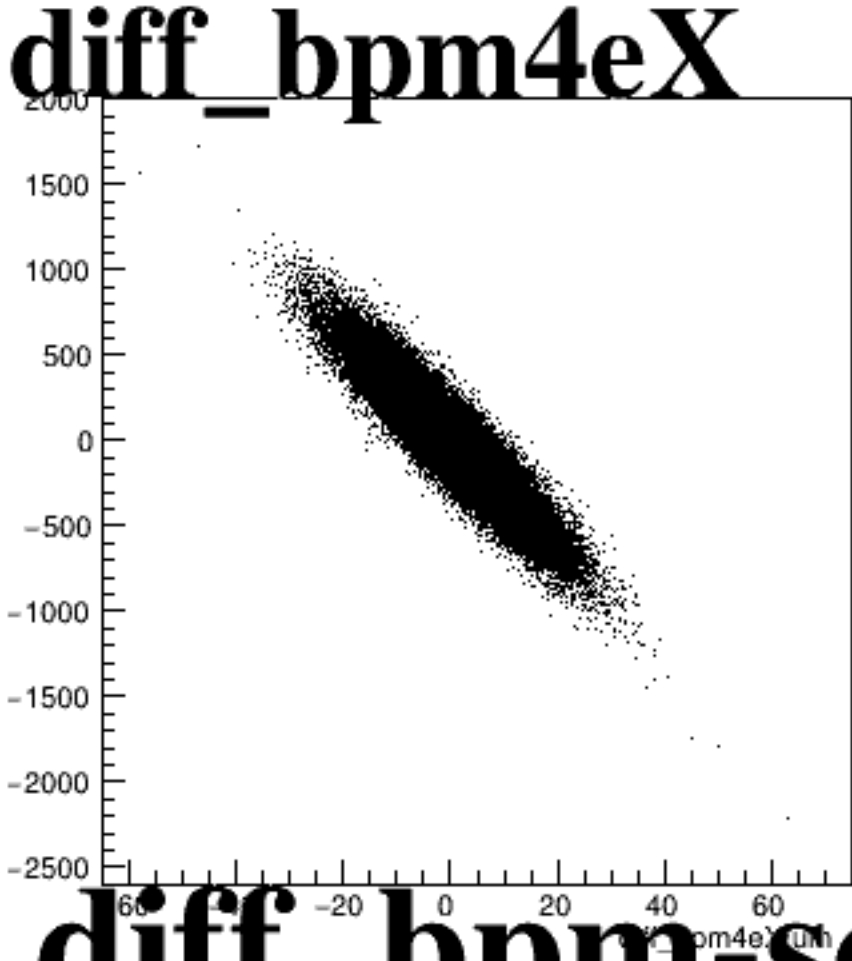
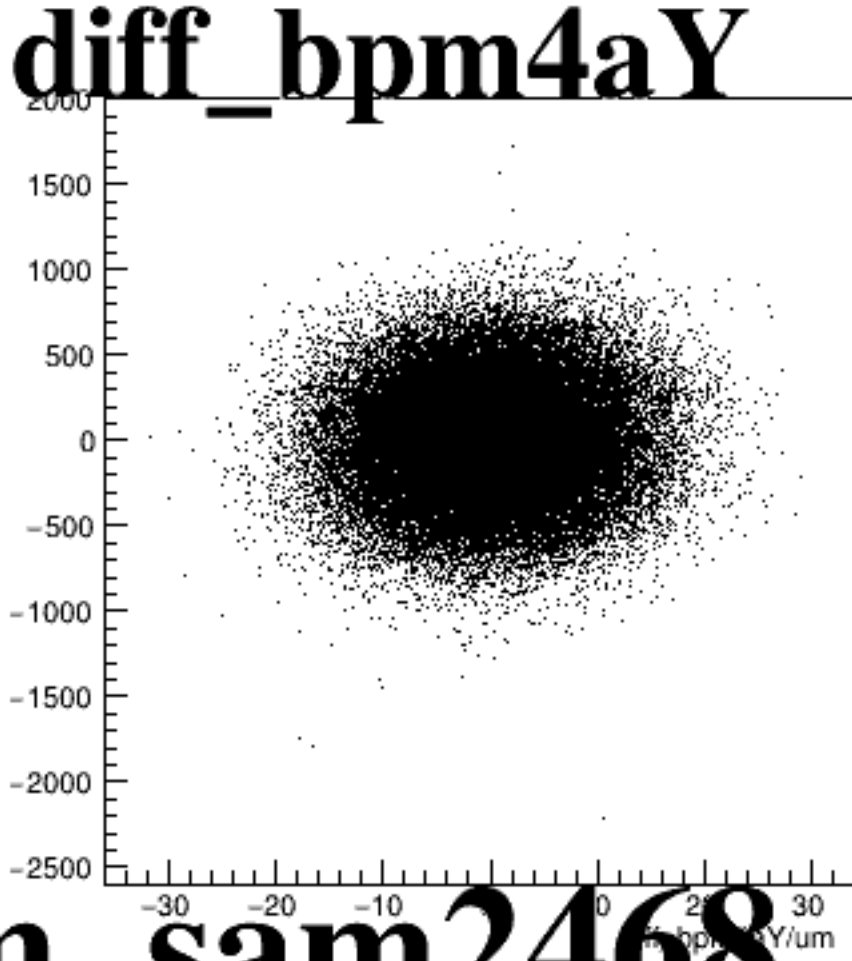
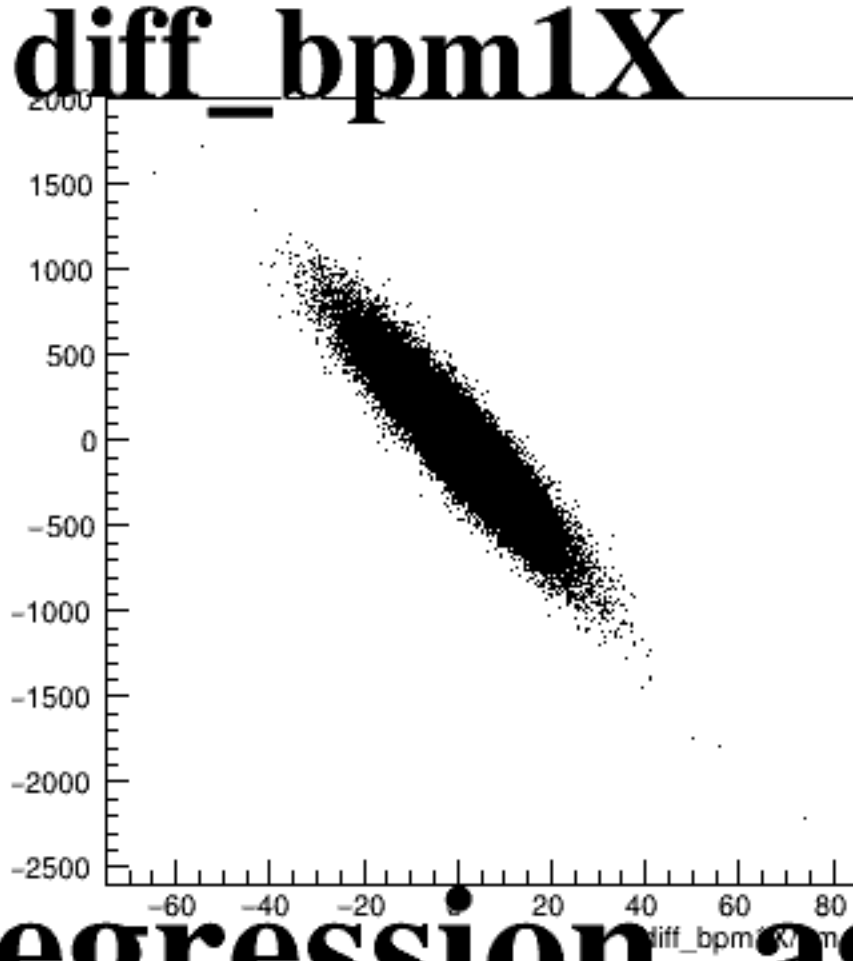
asym_sam4



asym_sam6



asym_sam8

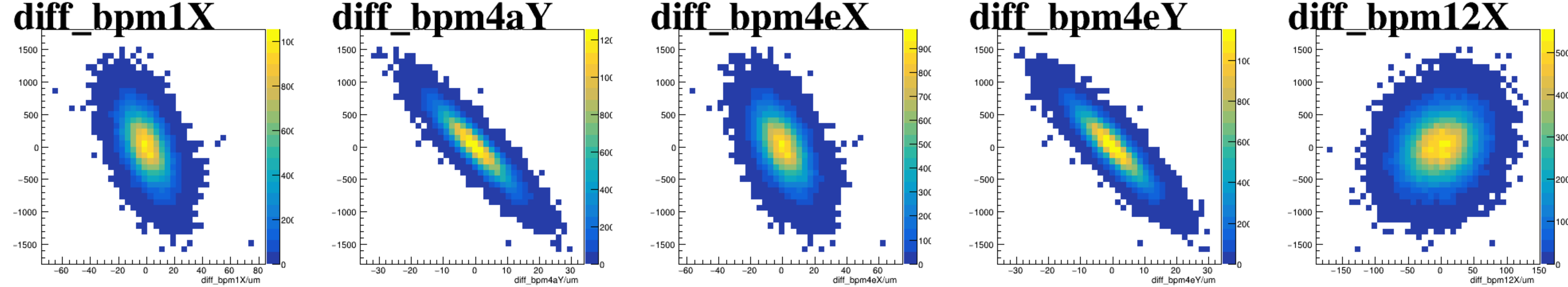


The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam size and position. The plots are arranged horizontally and labeled as follows:

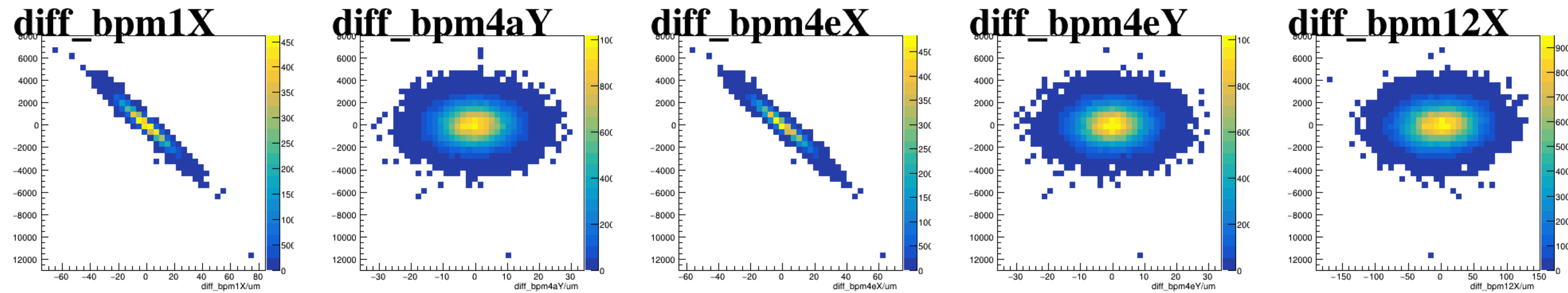
- diff_bpm1X**: The x-axis ranges from -60 to 80, and the y-axis ranges from -2000 to 1500. The data points are centered around (0, 0).
- diff_bpm4aY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -2000 to 1500. The data points are centered around (0, 0).
- diff_bpm4eX**: The x-axis ranges from -60 to 60, and the y-axis ranges from -2000 to 1500. The data points are centered around (0, 0).
- diff_bpm4eY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -2000 to 1500. The data points are centered around (0, 0).
- diff_bpm12X**: The x-axis ranges from -150 to 150, and the y-axis ranges from -2000 to 1500. The data points are centered around (0, 0).

In all plots, the data points form a dense, roughly circular cloud centered at the origin, indicating that the two measurements are in good agreement. The axes are labeled with the difference in beam position measurements (diff_bpm) and the beam size (um).

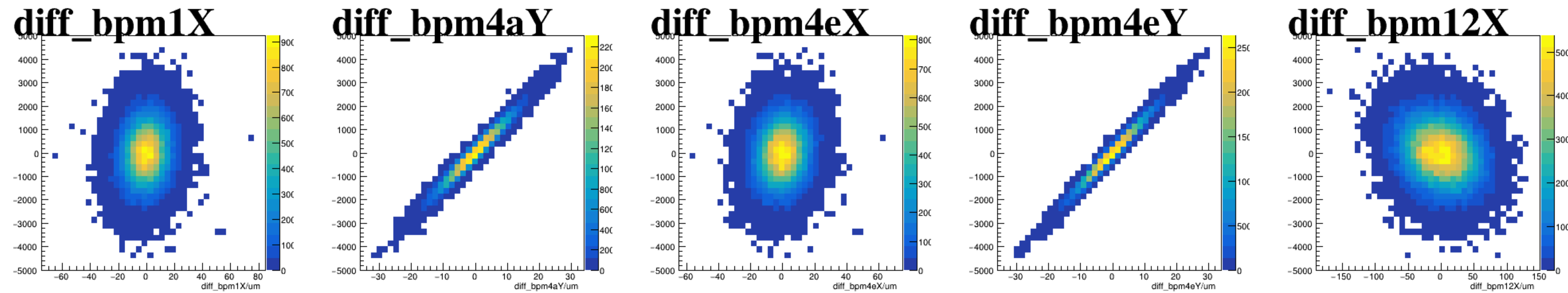
asym_sam1



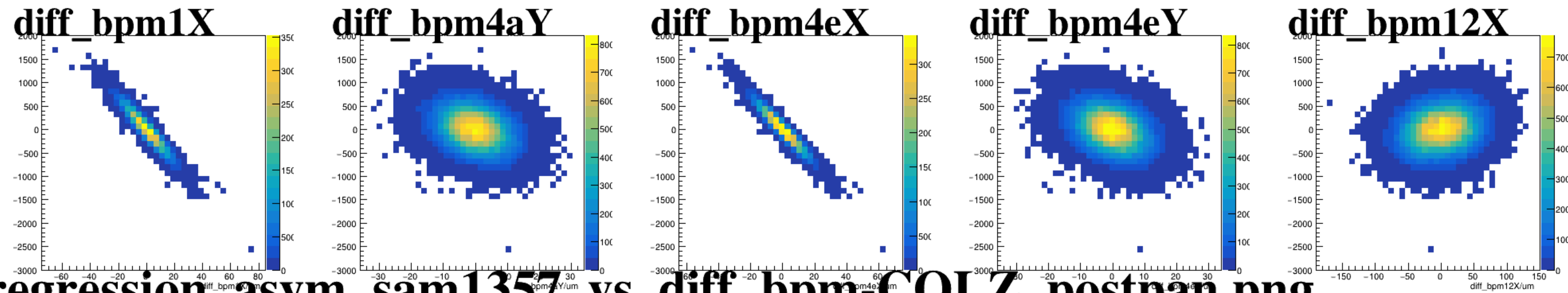
asym_sam3



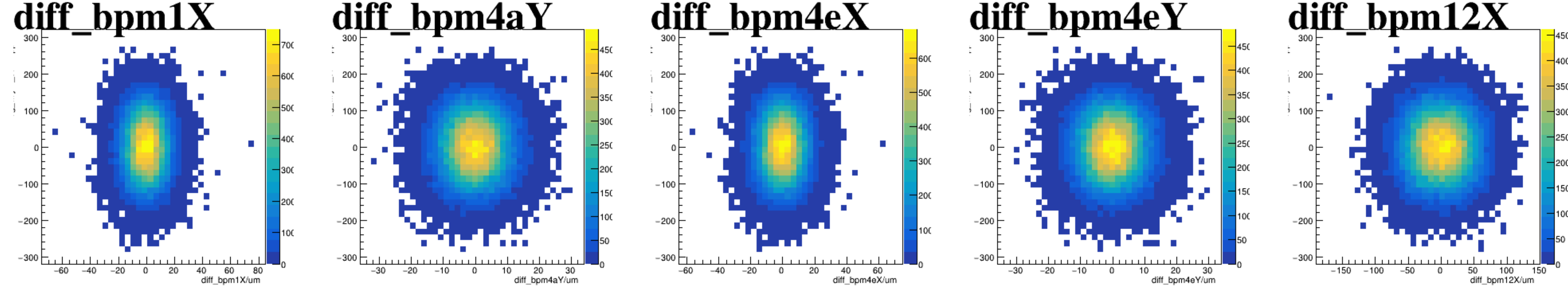
asym_sam5



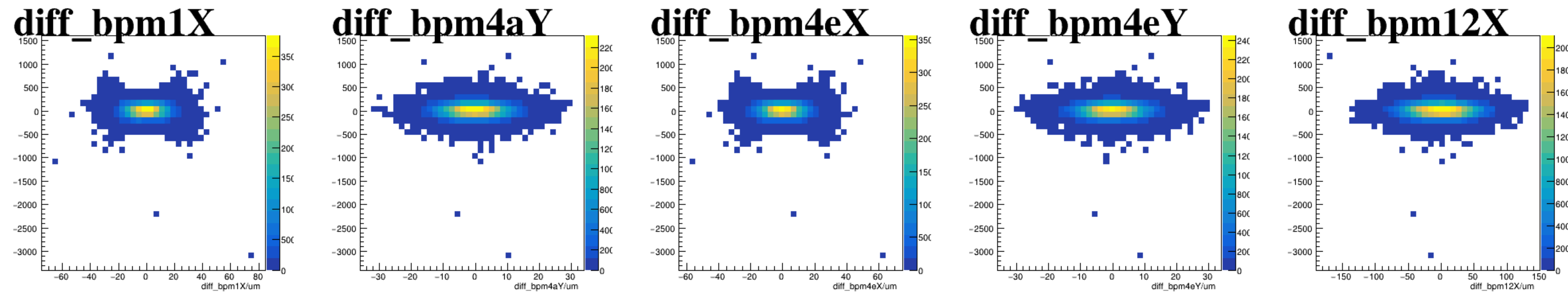
asym_sam7



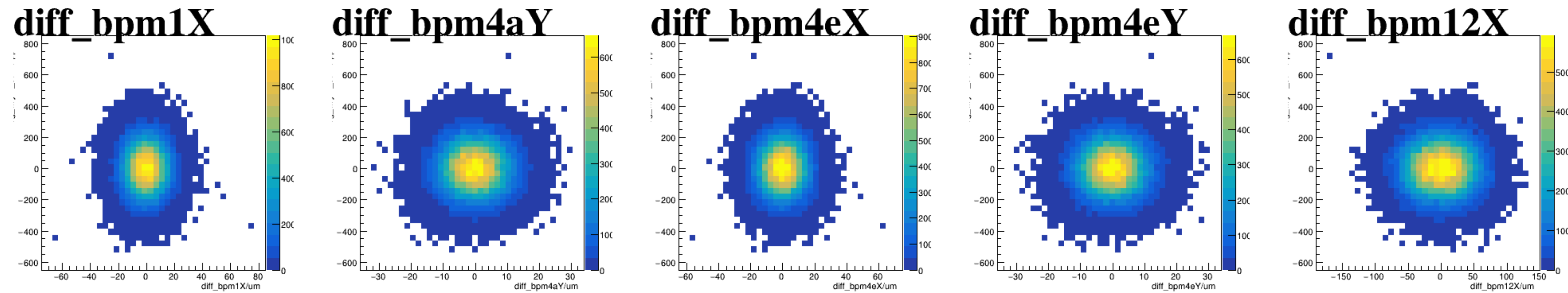
reg_asym_sam1



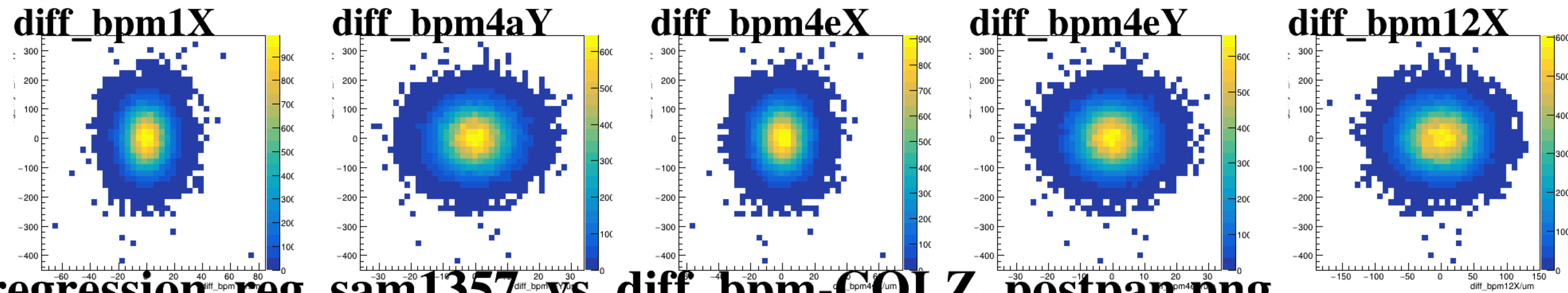
reg_asym_sam3



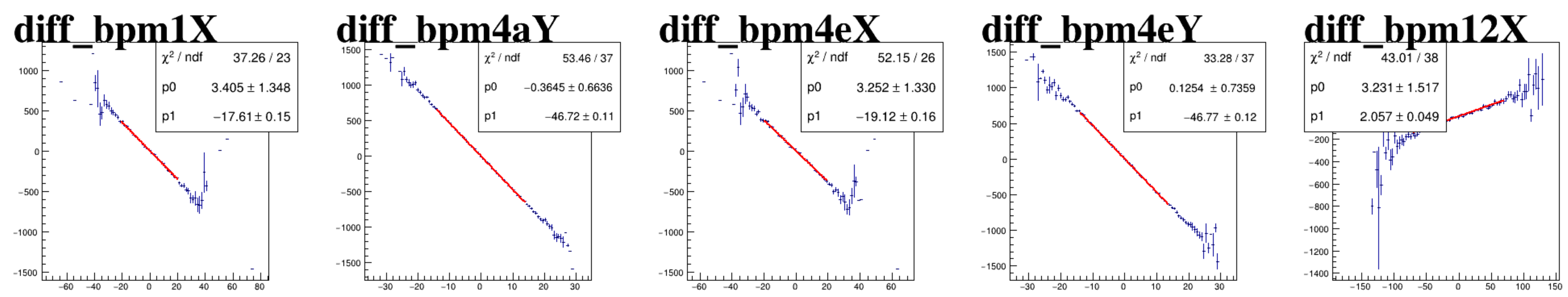
reg_asym_sam5



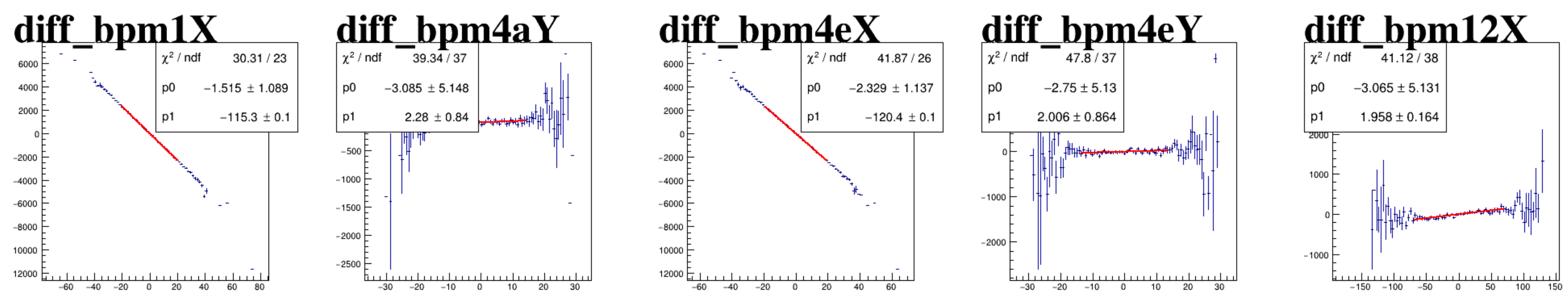
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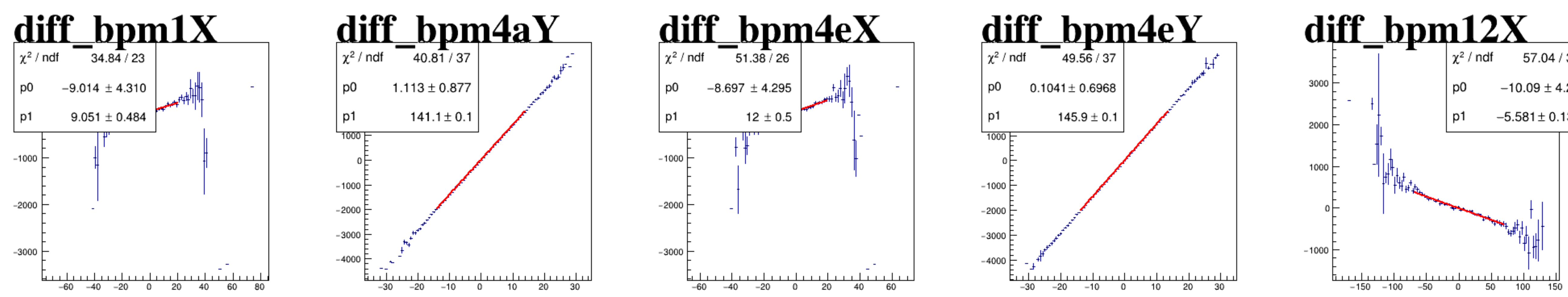
asym_sam1



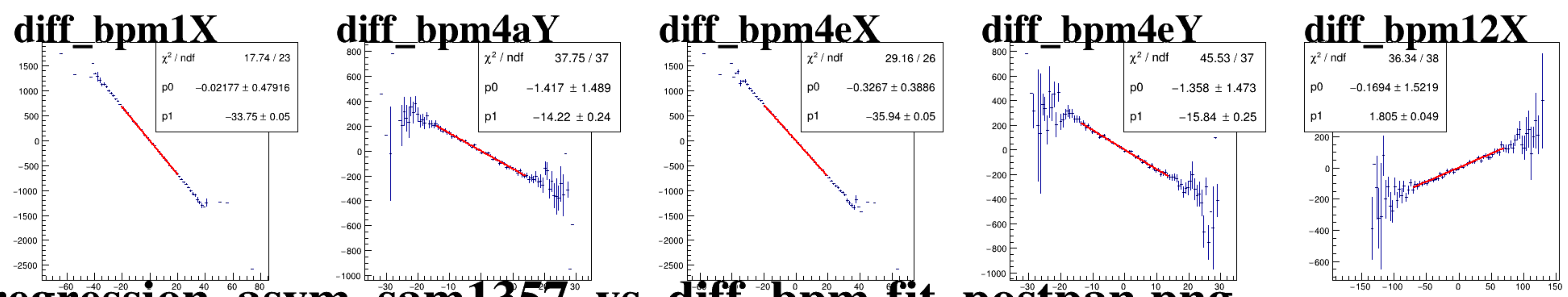
asym_sam3



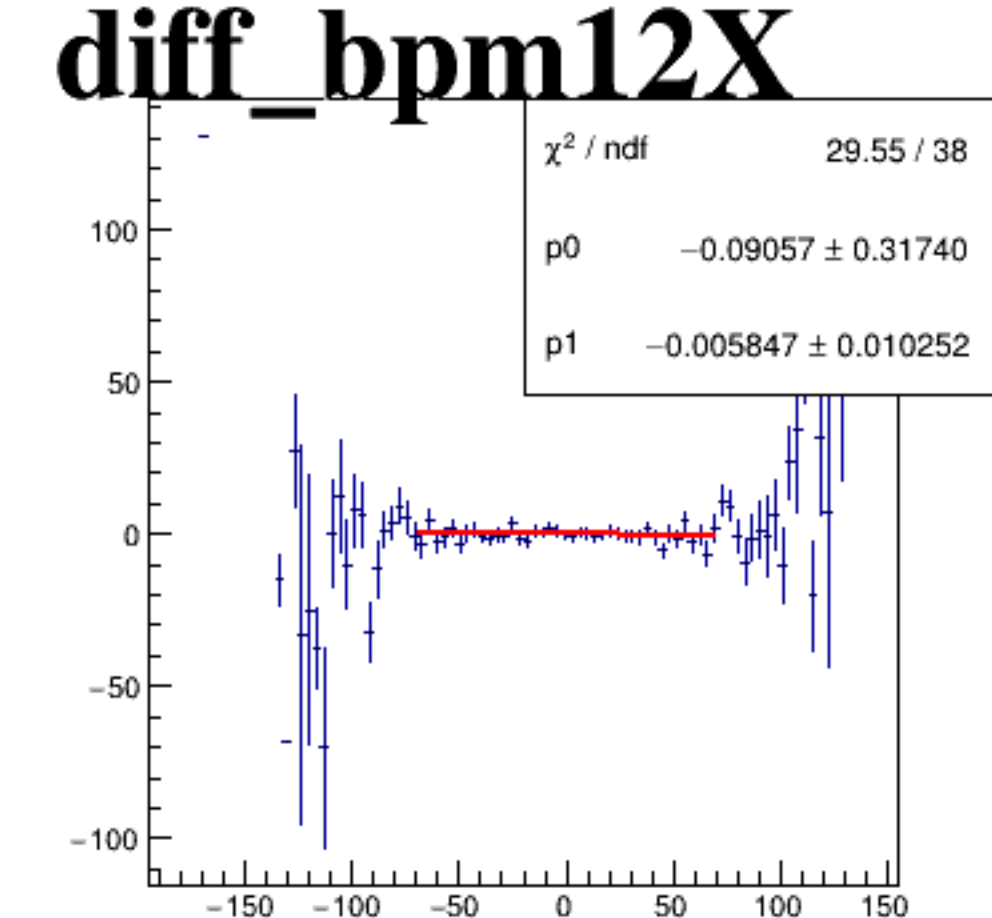
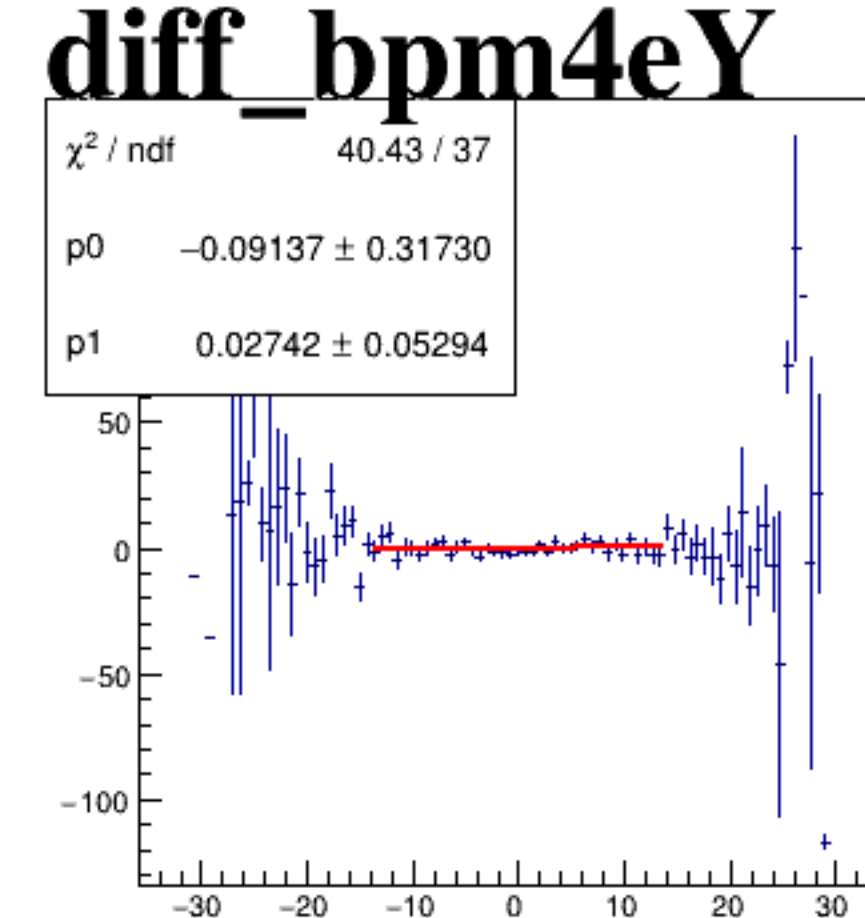
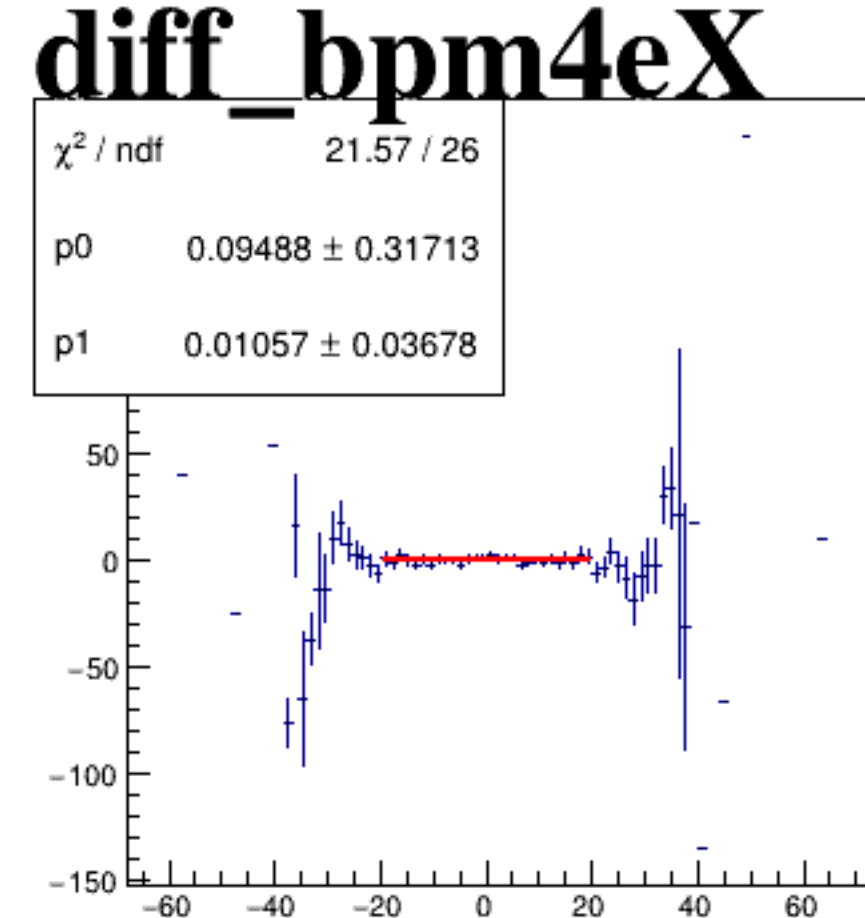
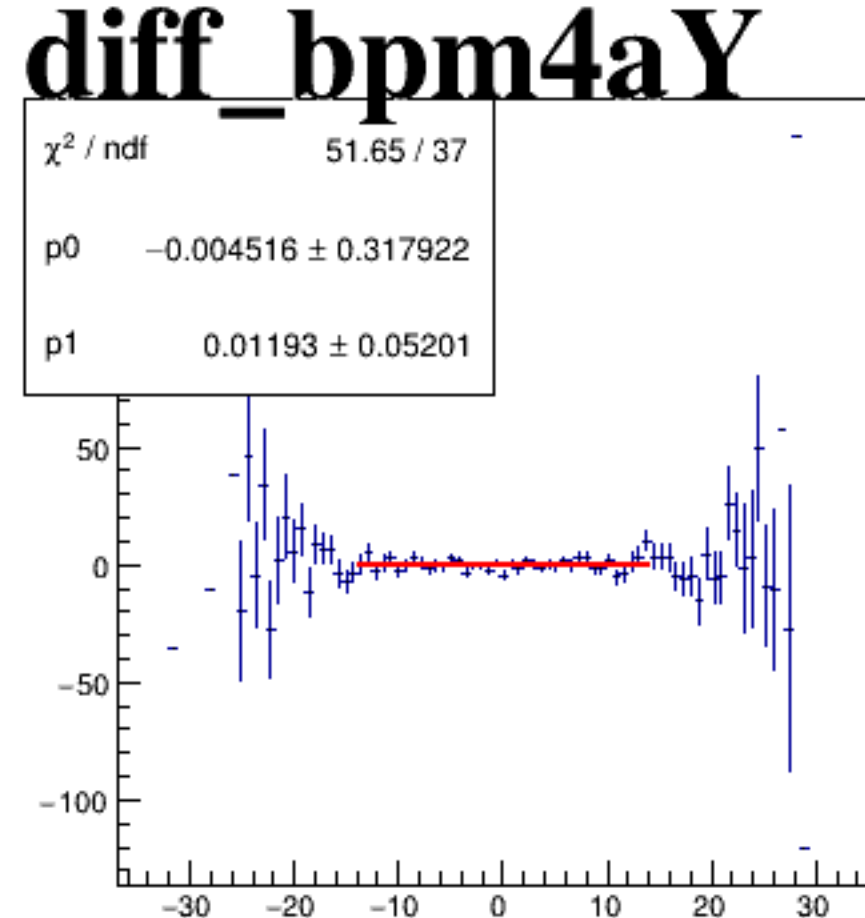
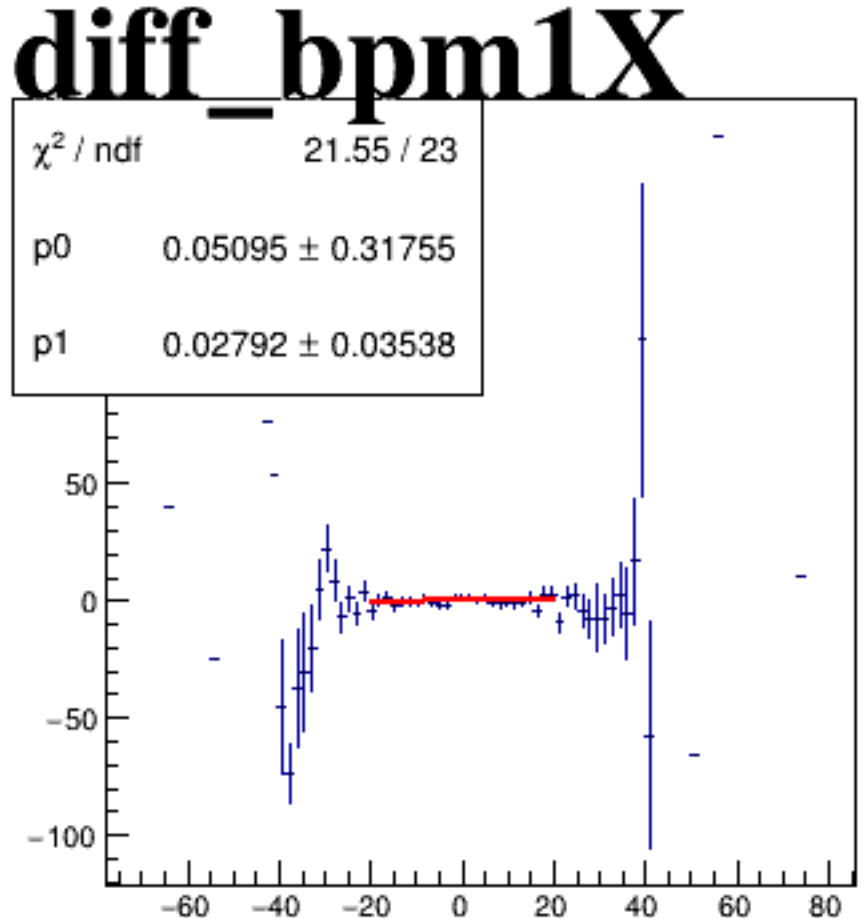
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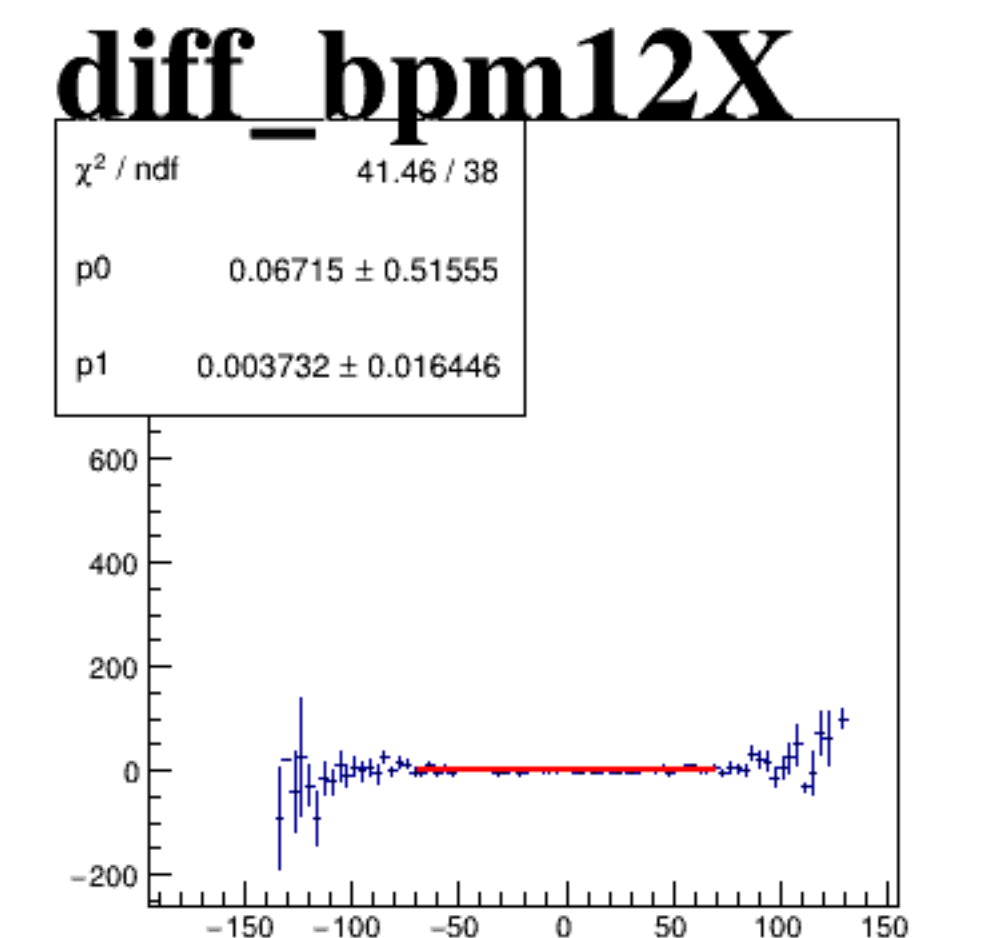
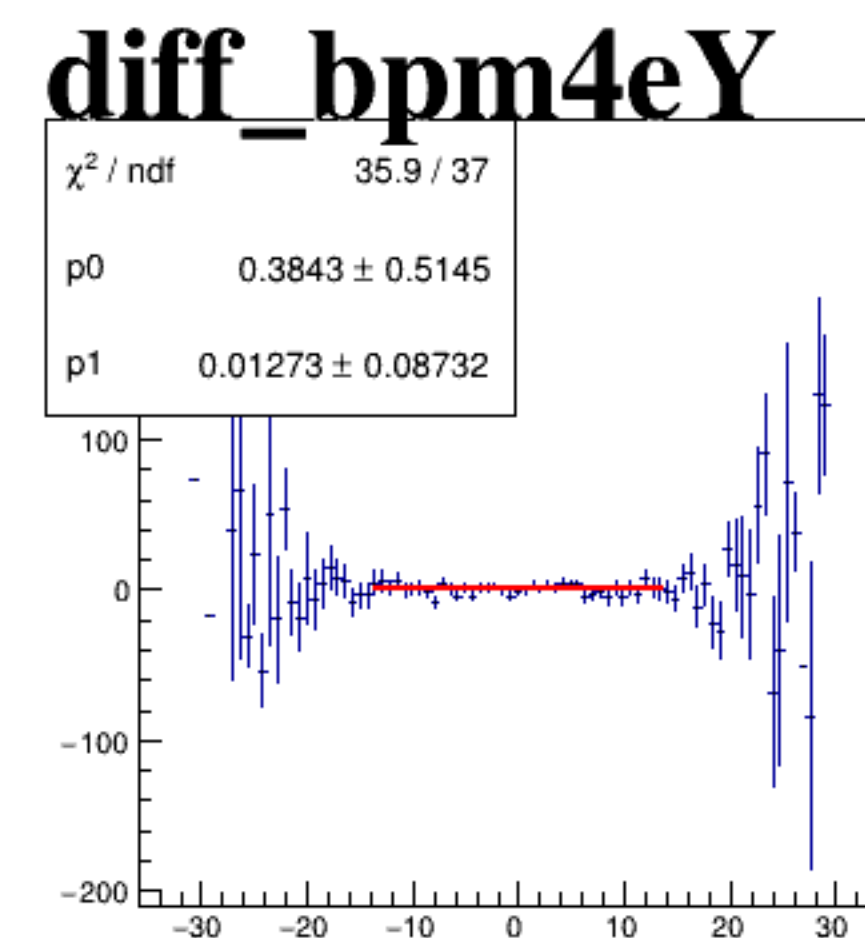
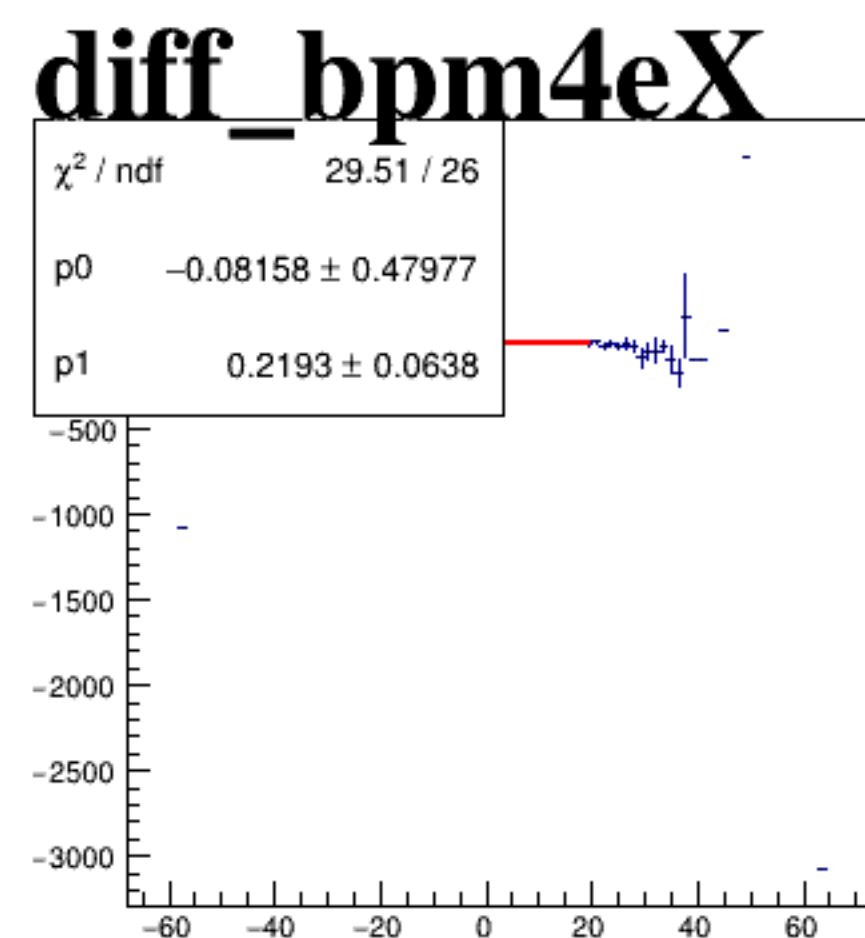
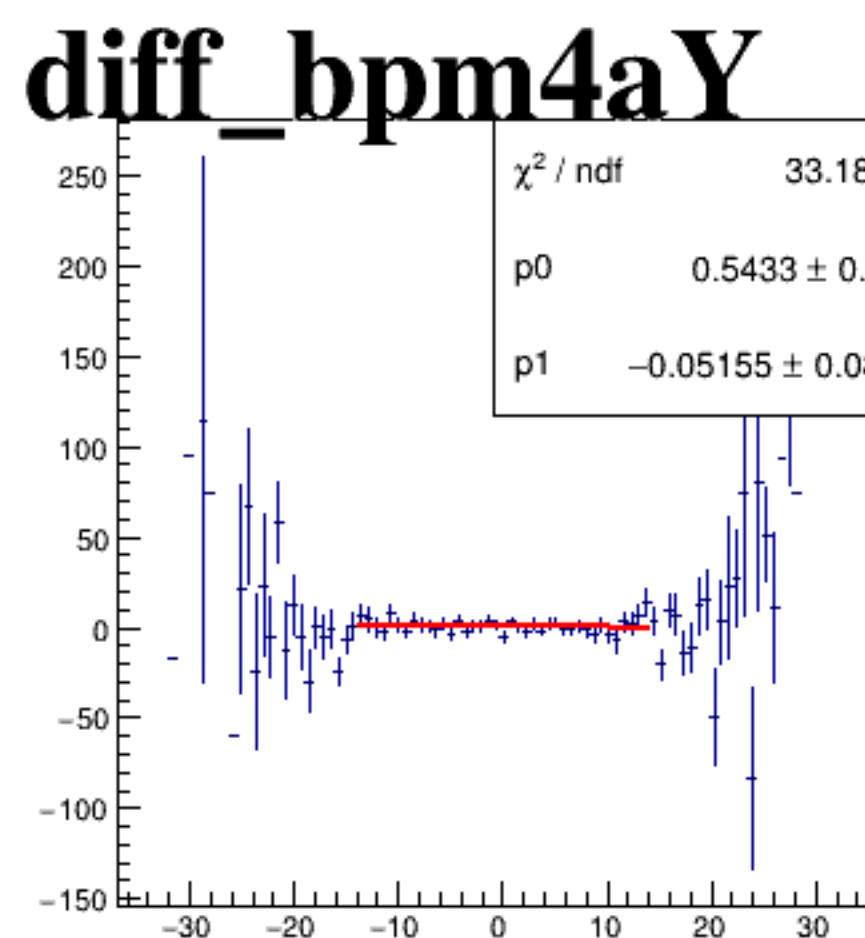
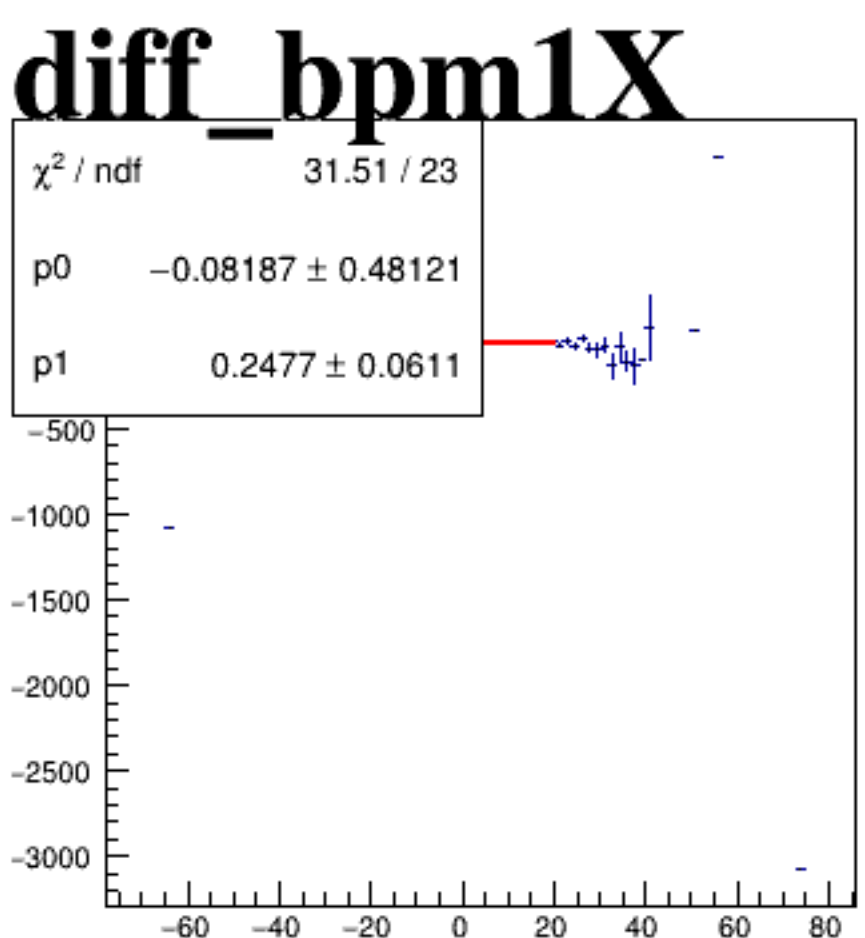
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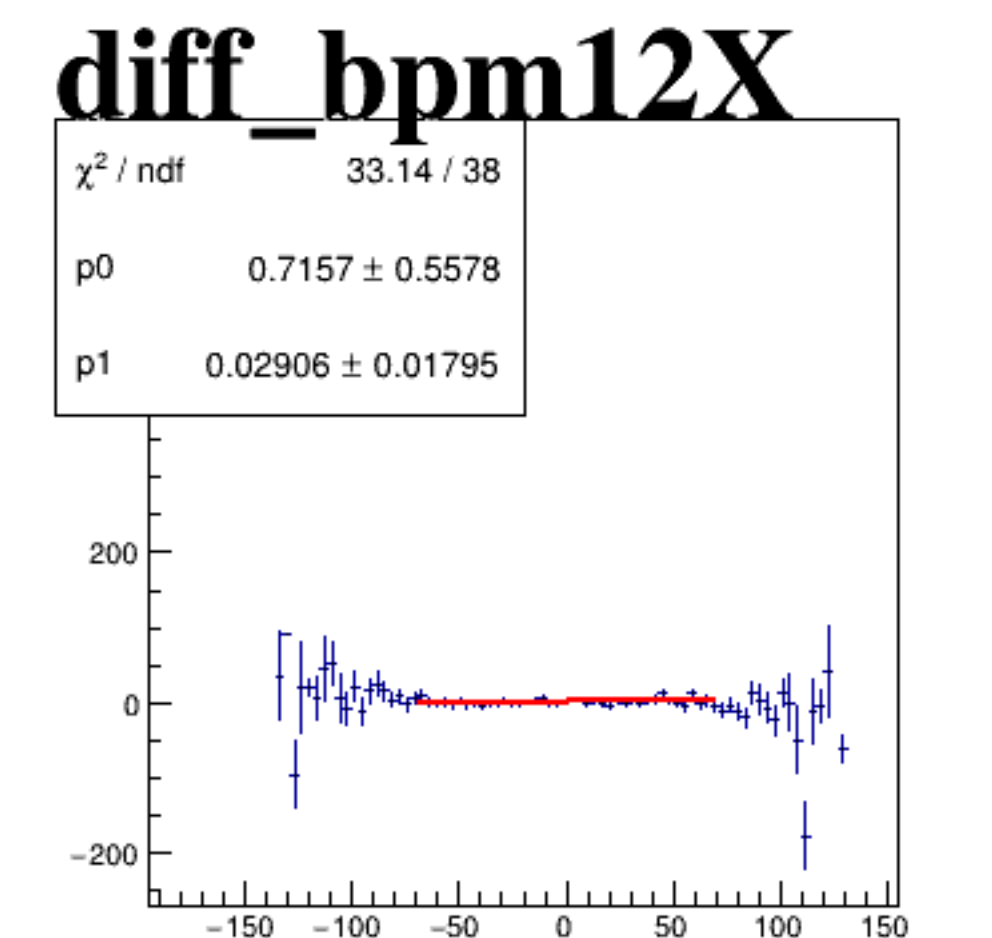
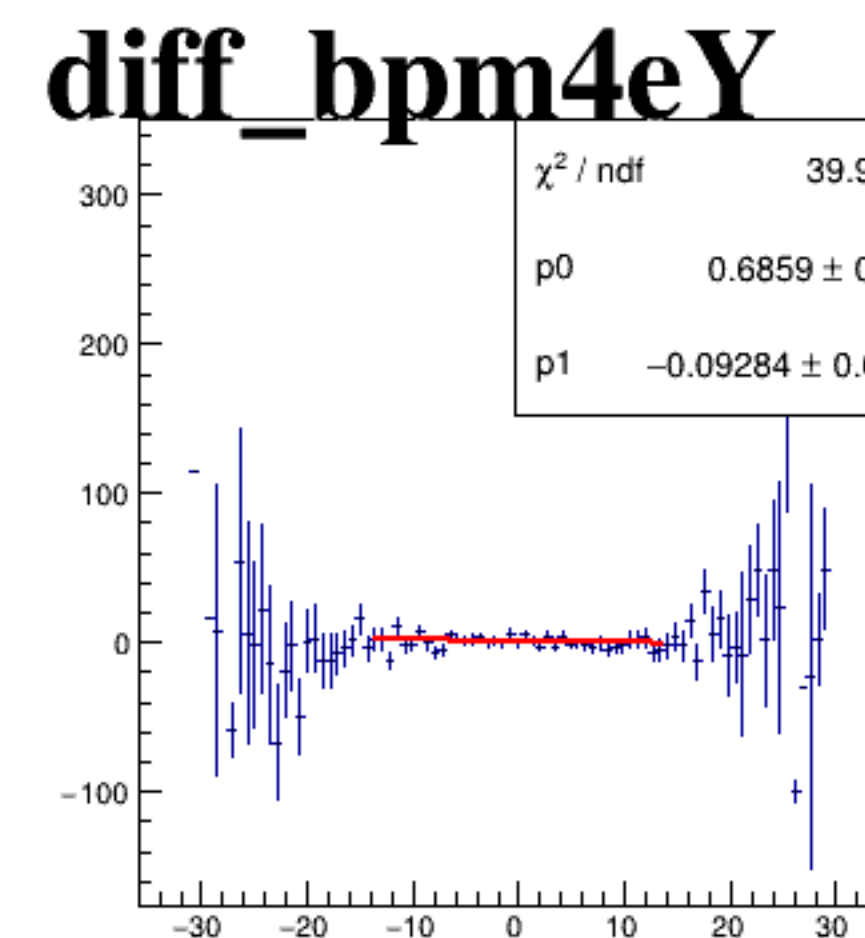
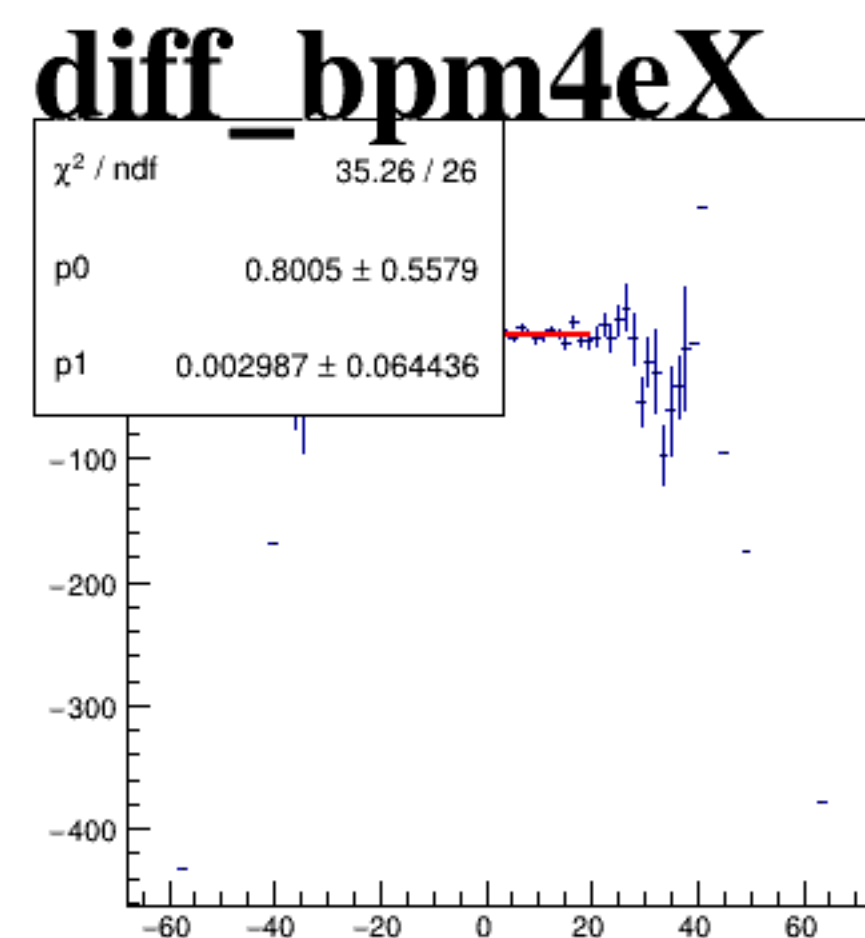
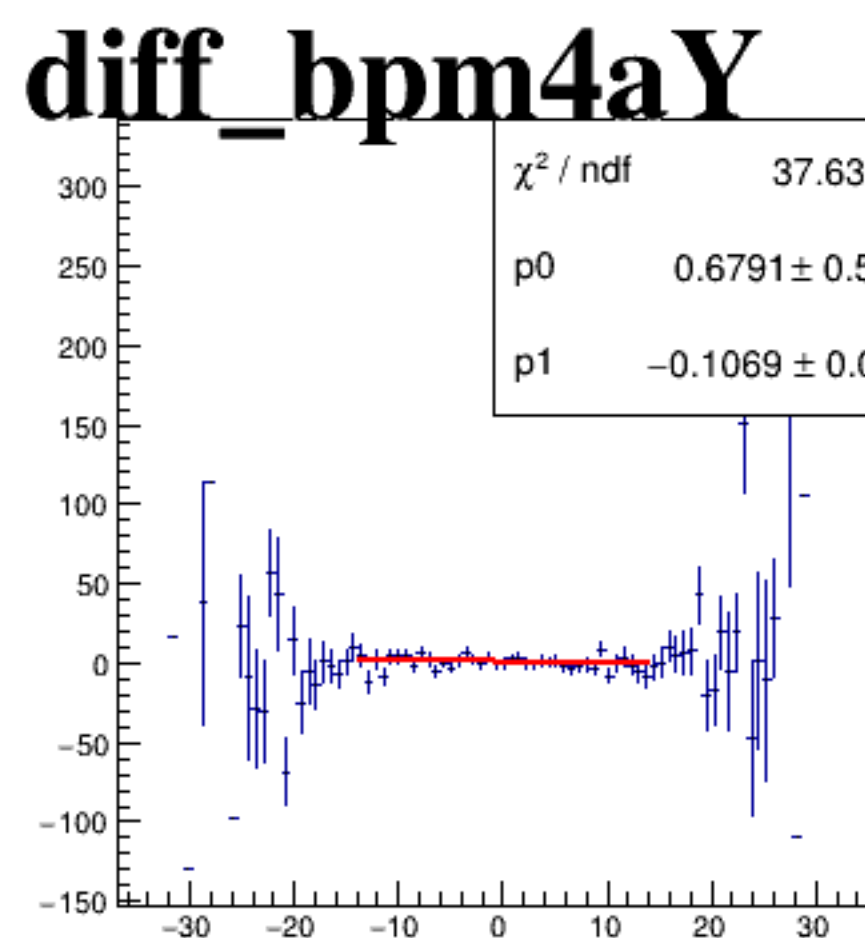
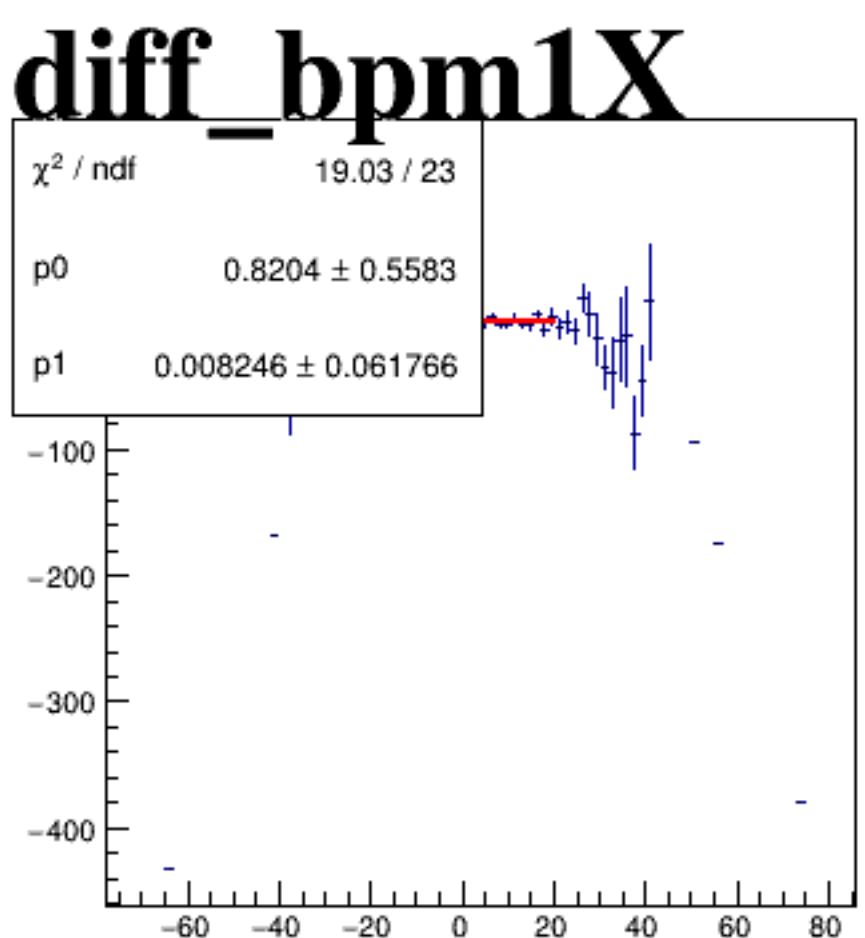
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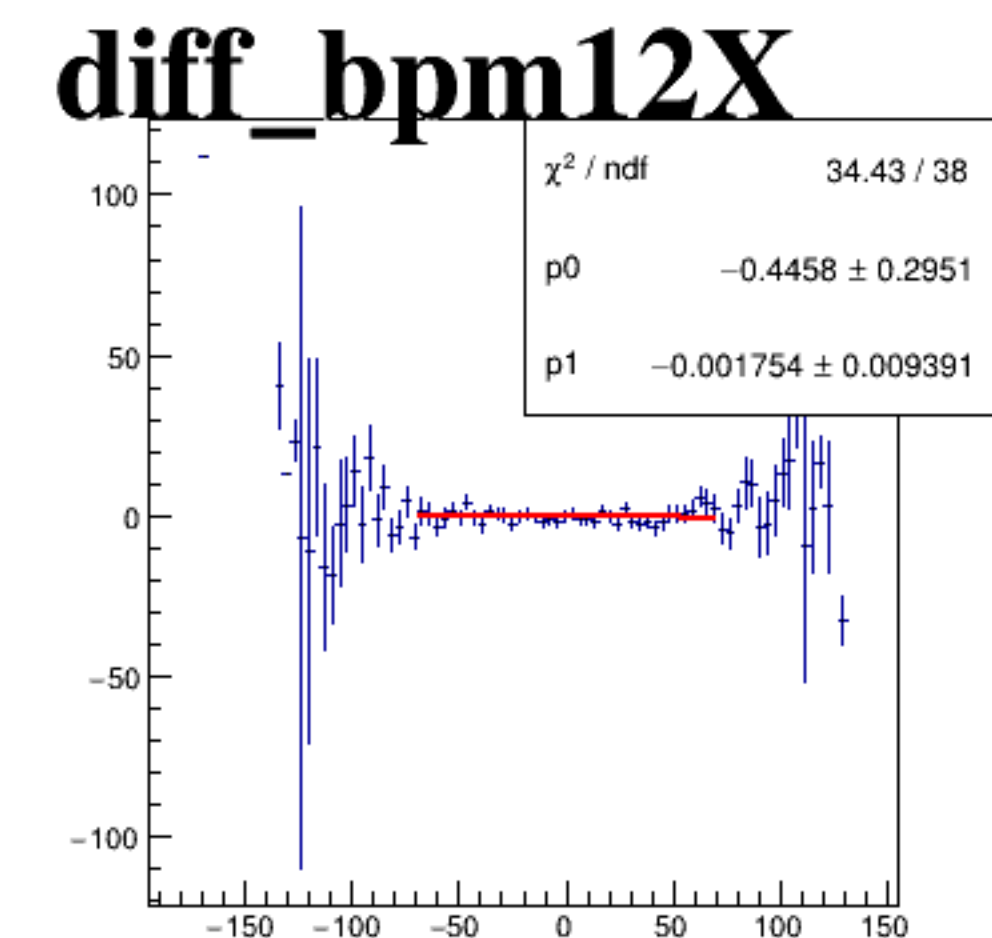
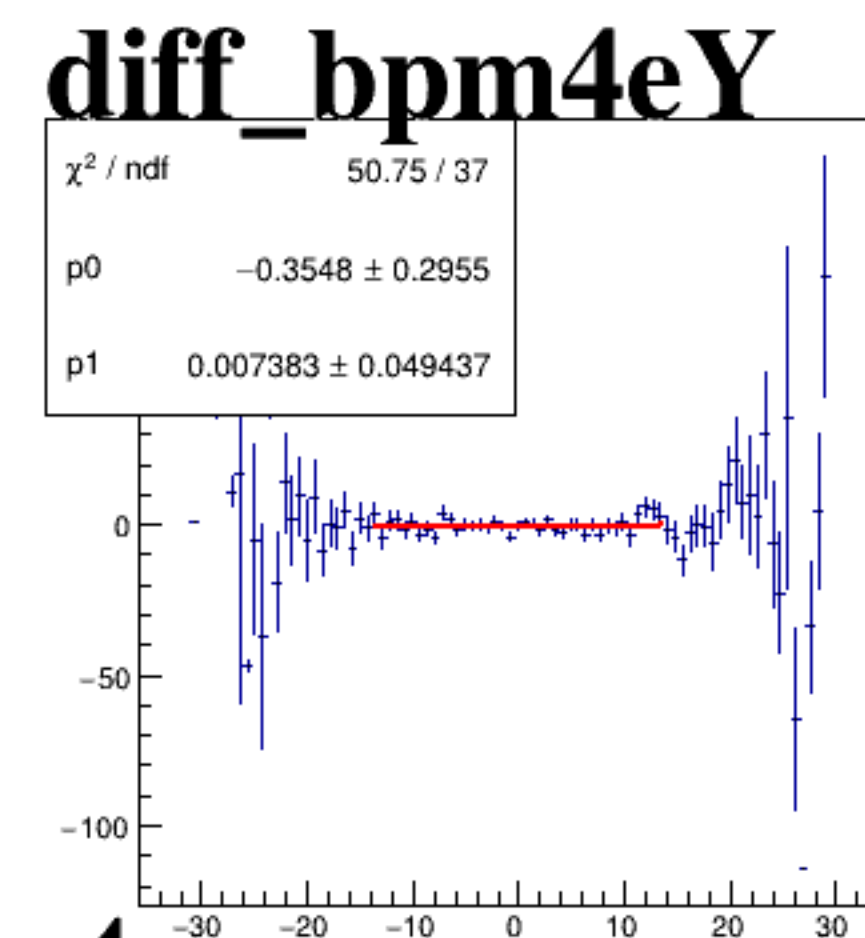
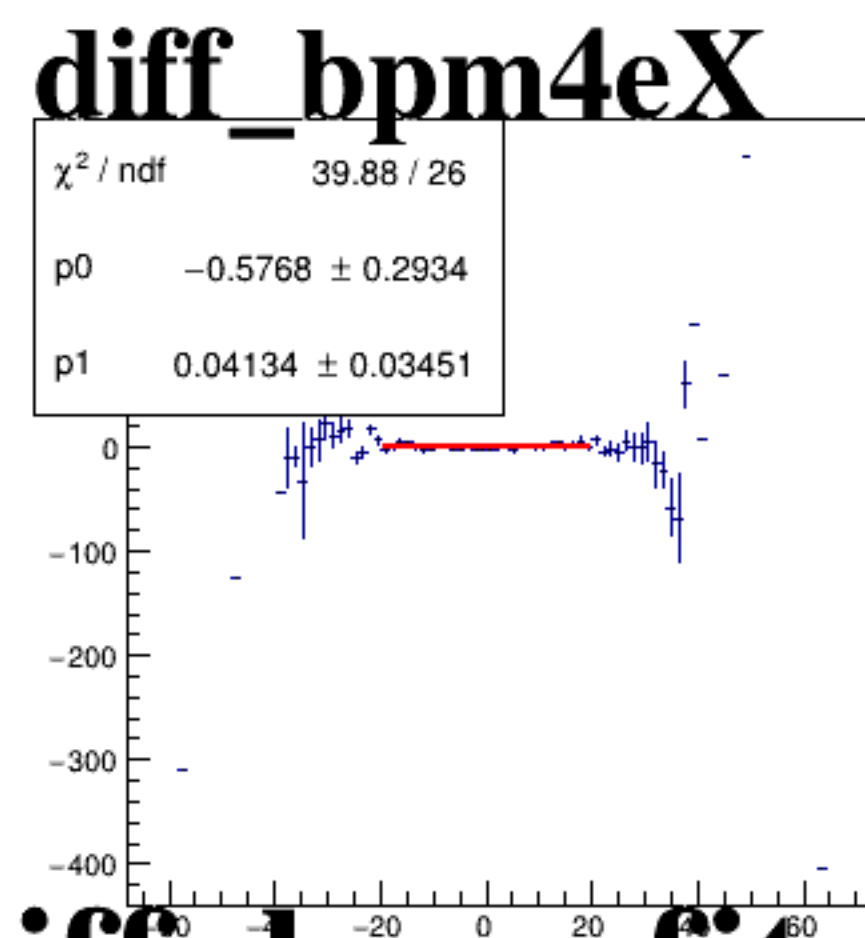
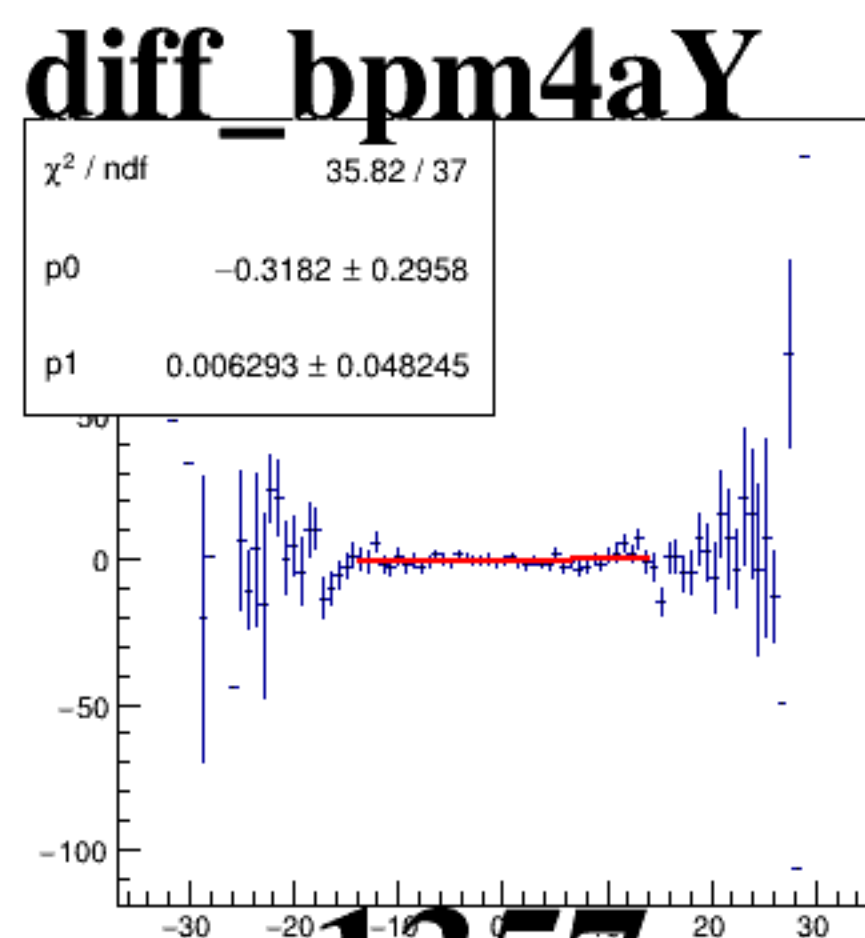
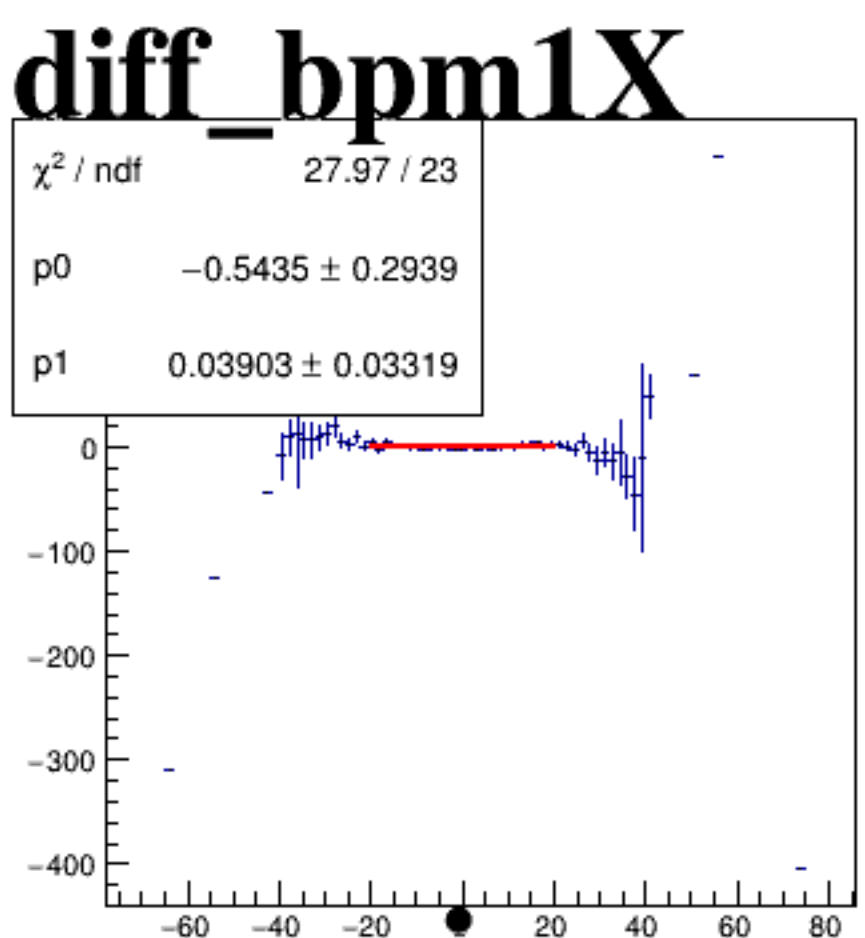
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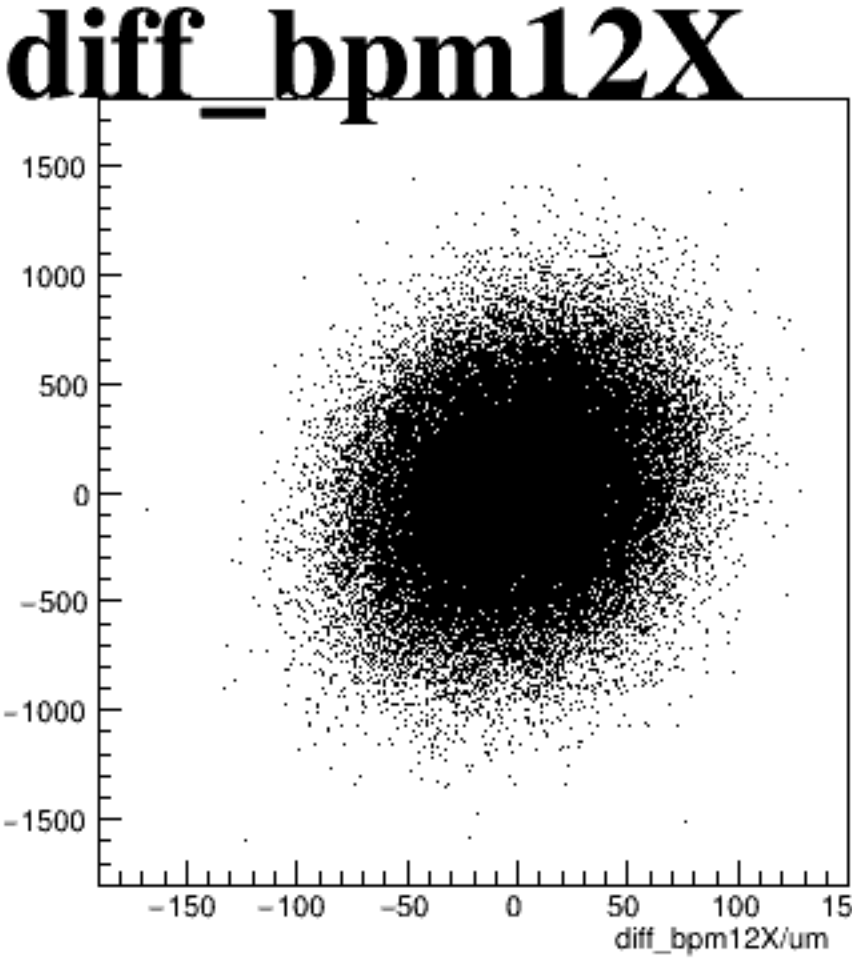
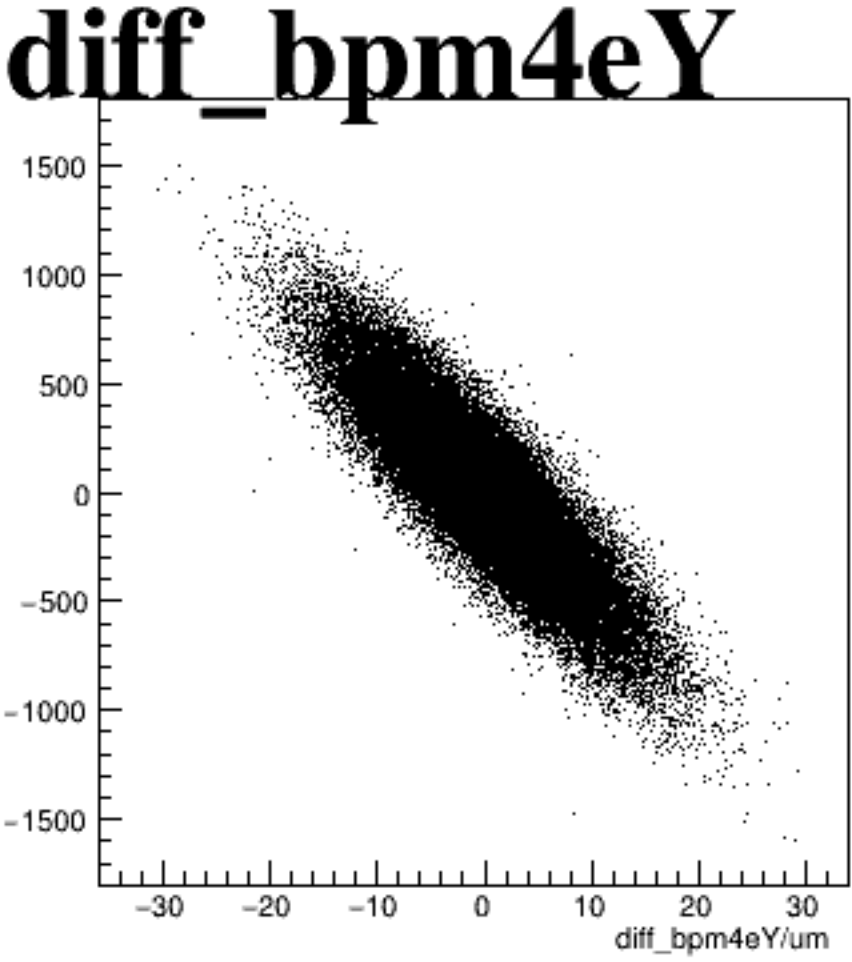
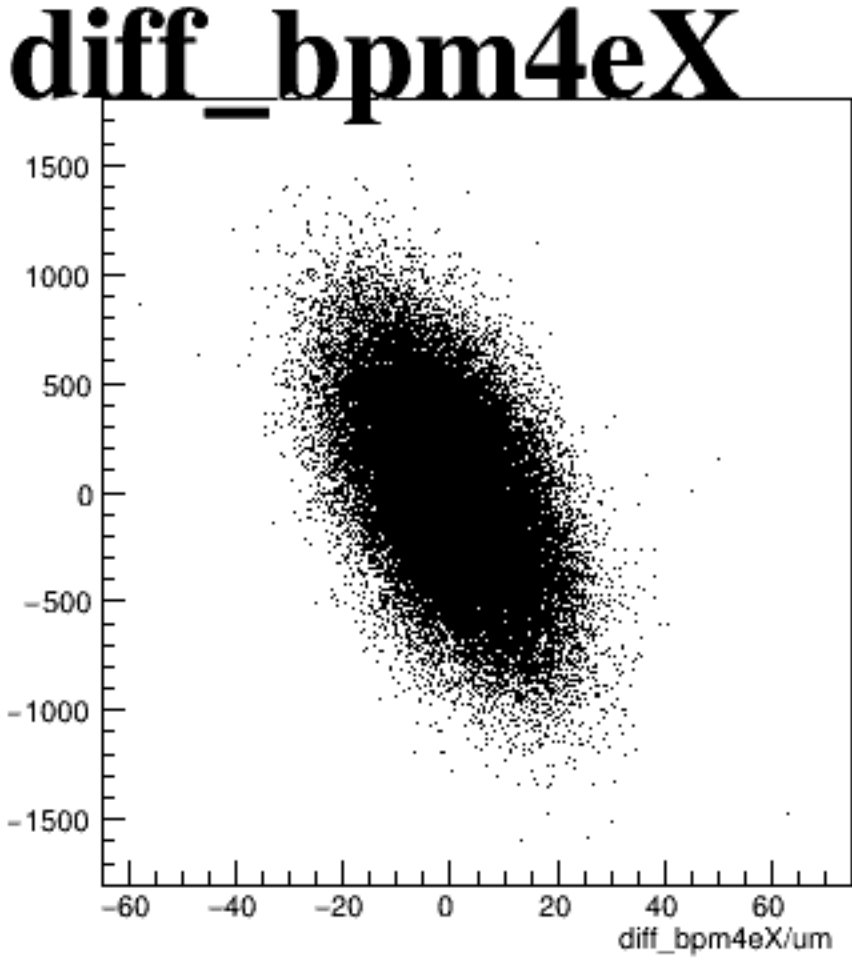
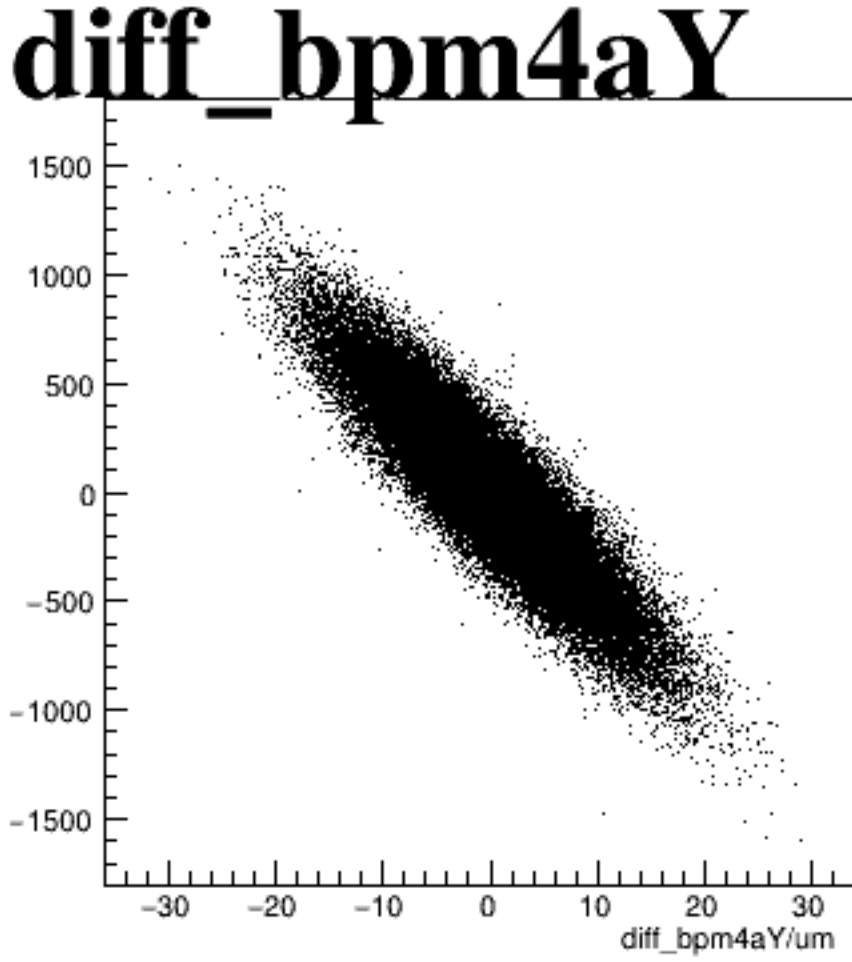
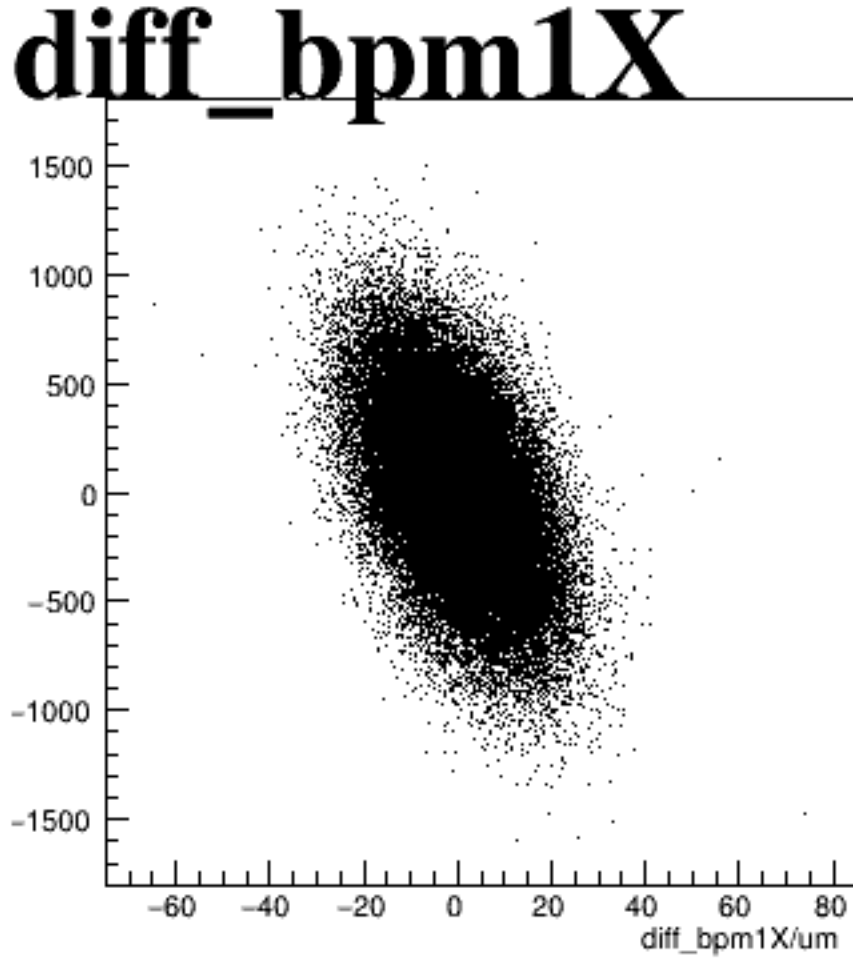
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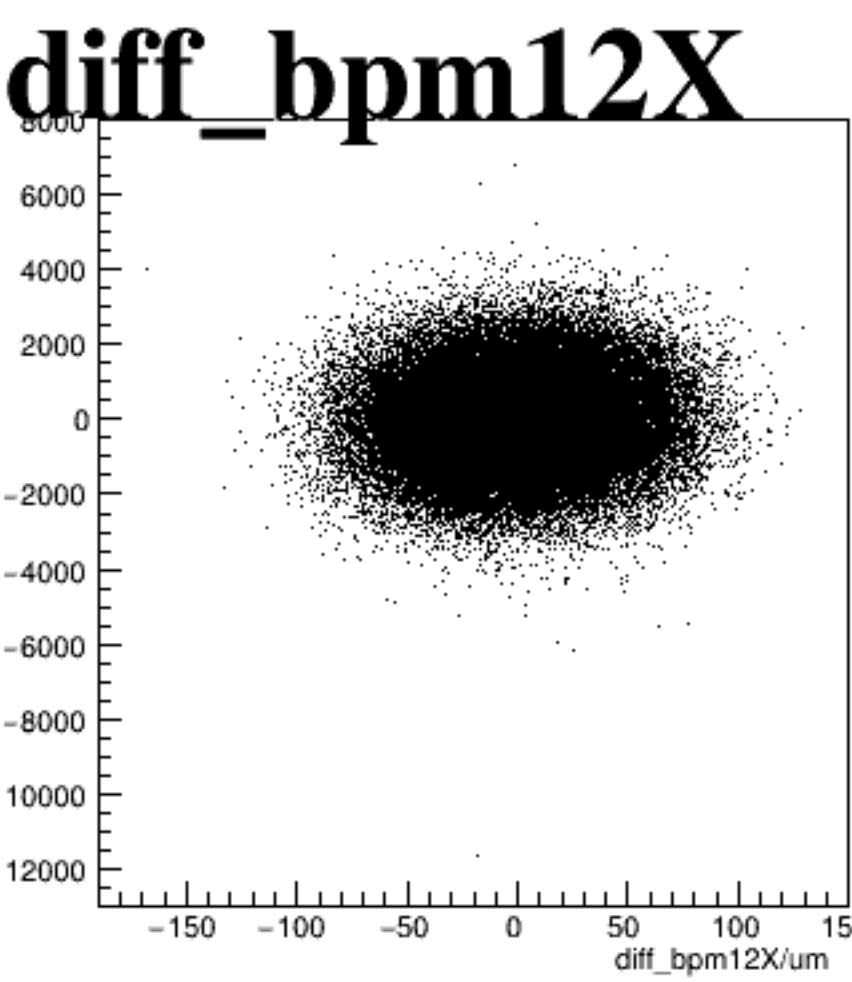
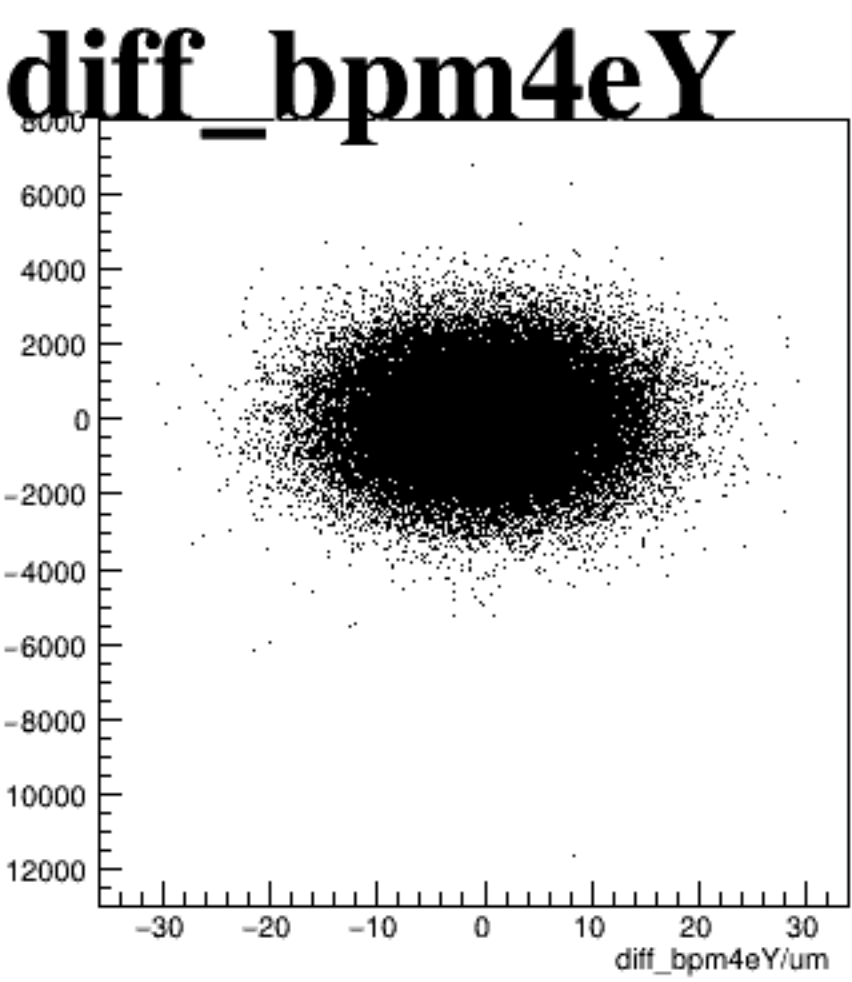
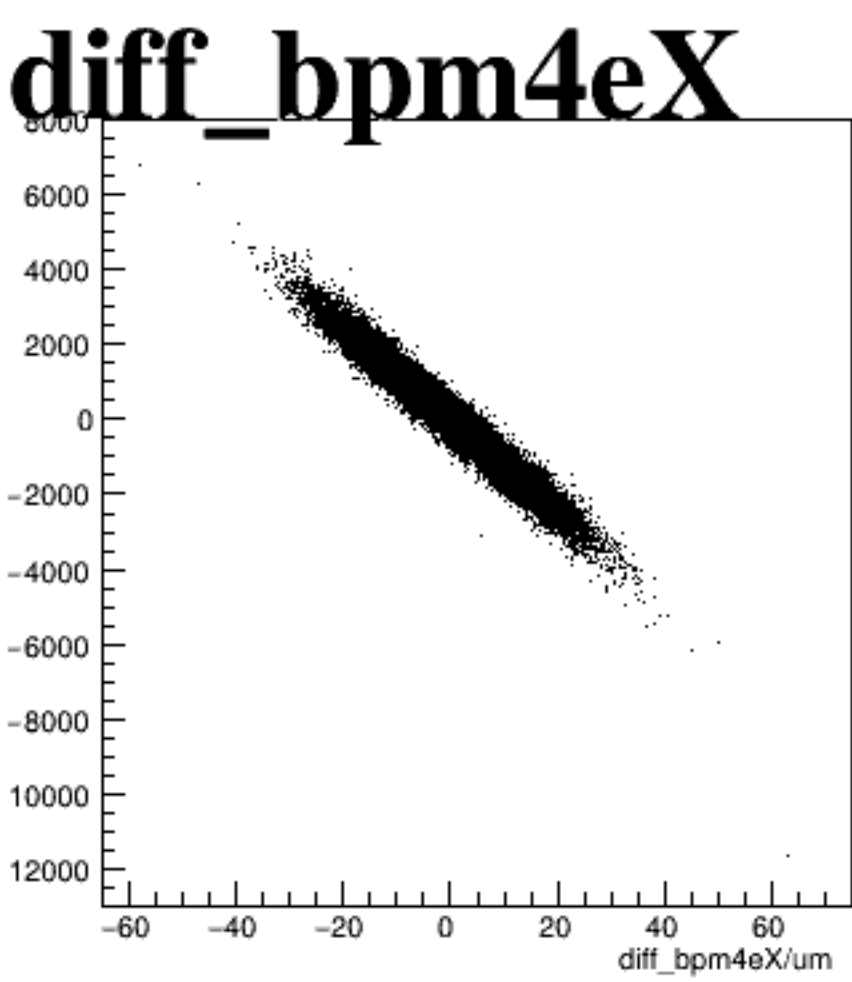
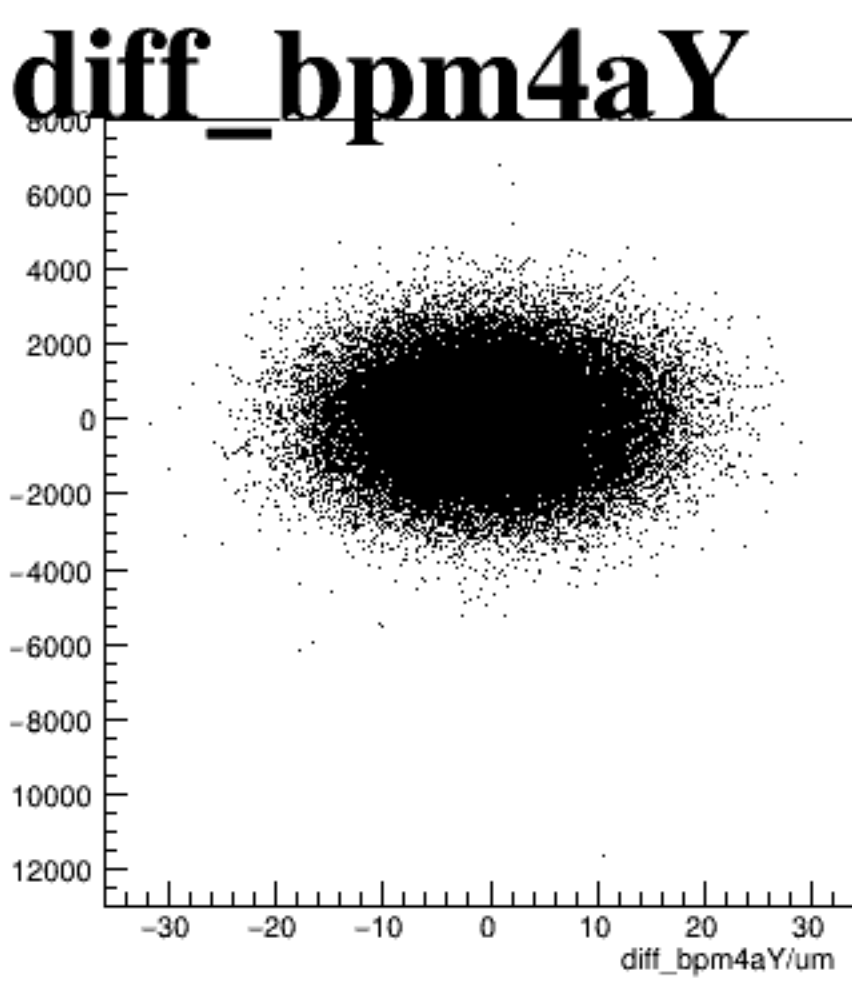
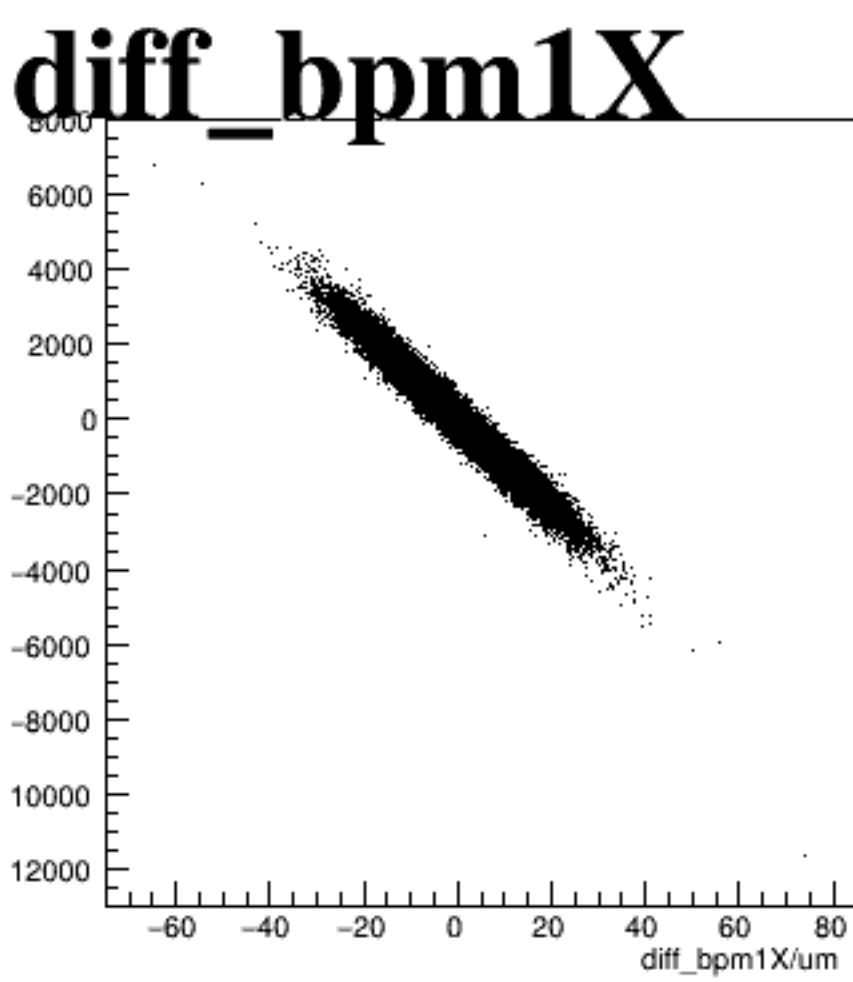
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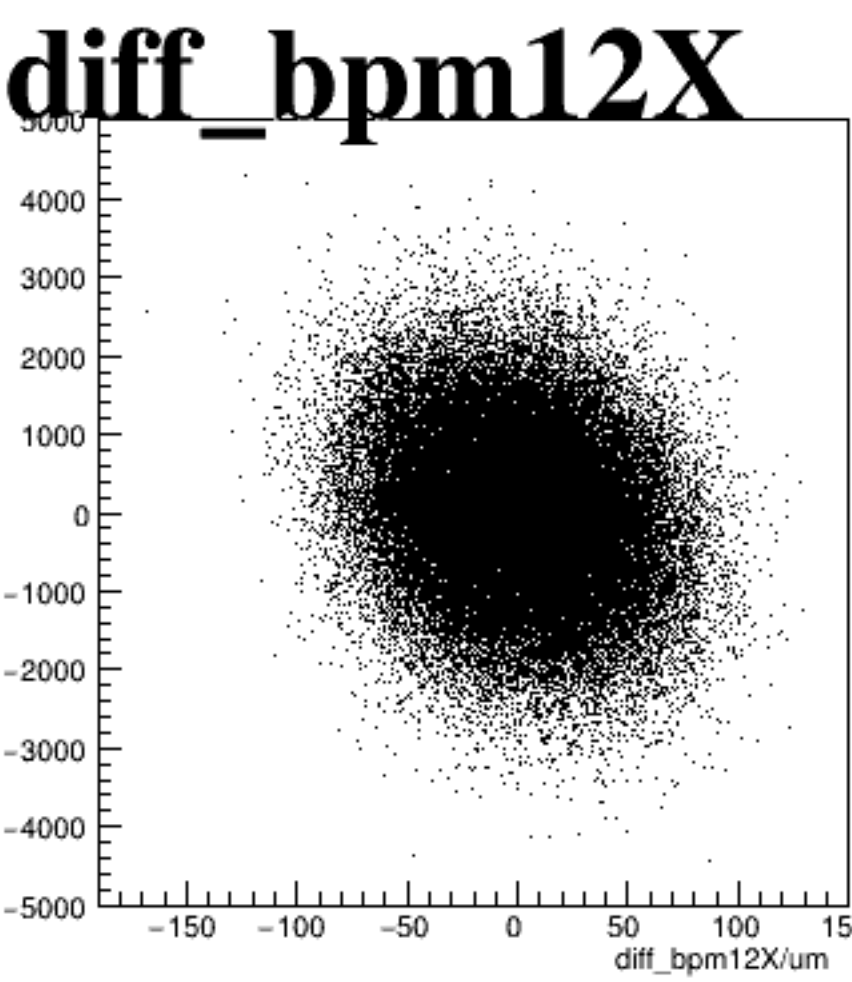
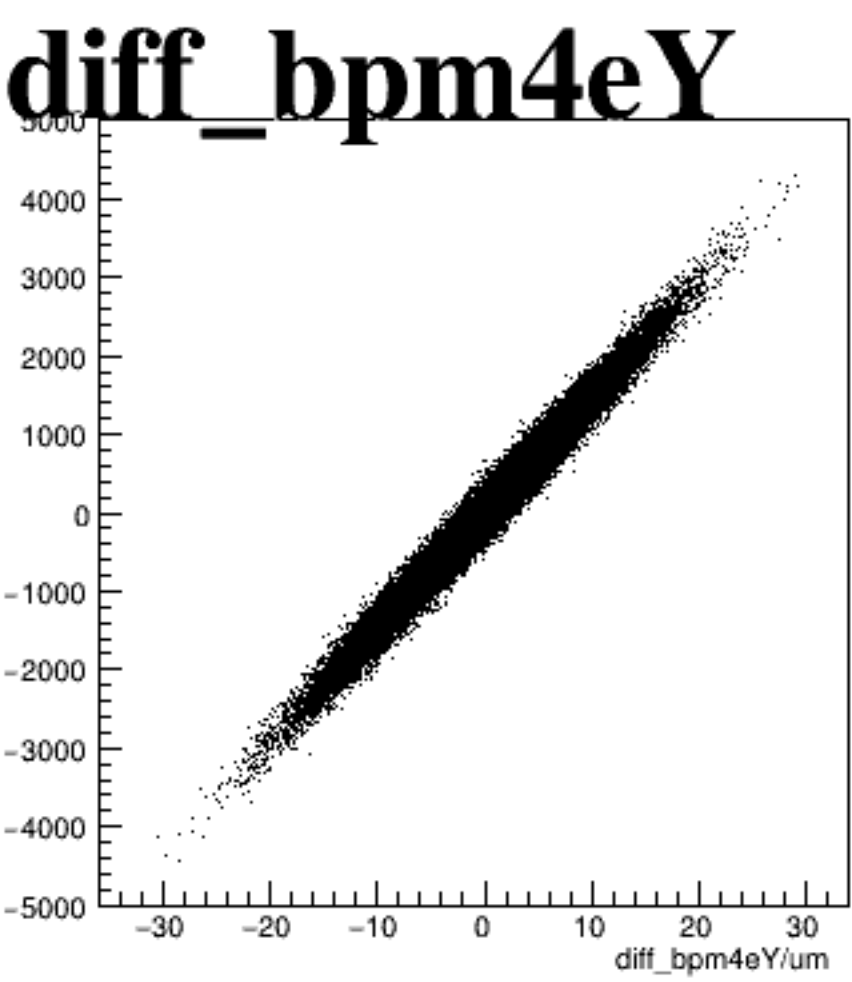
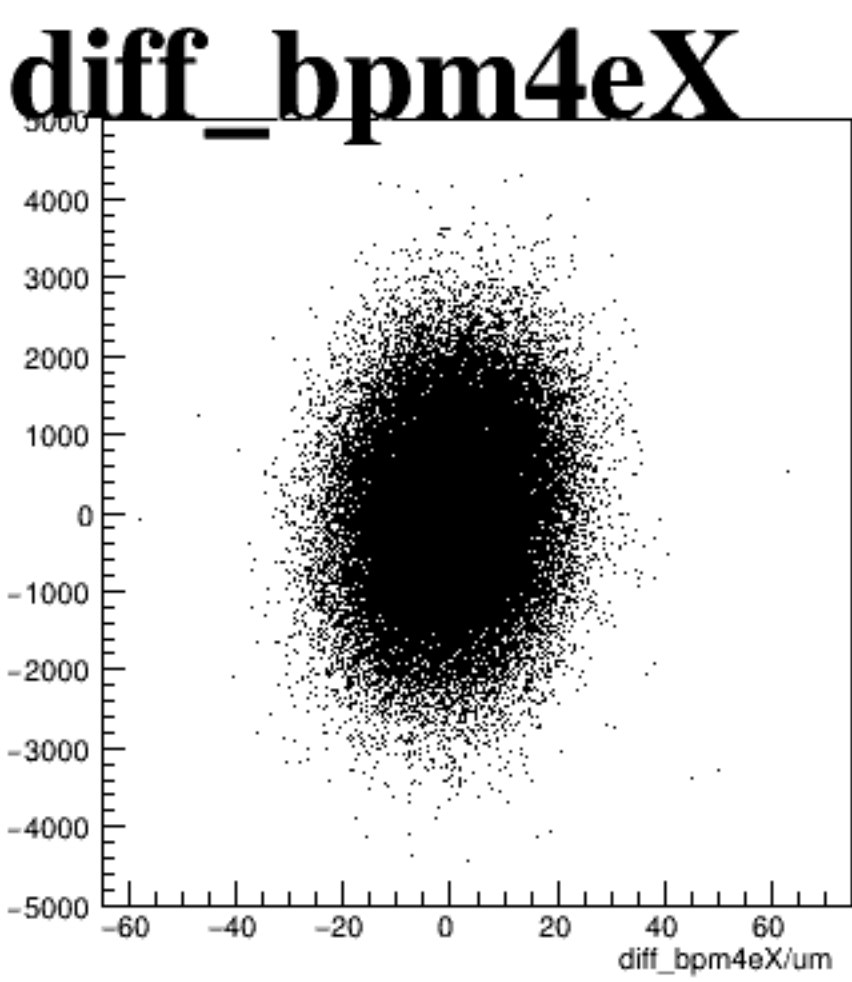
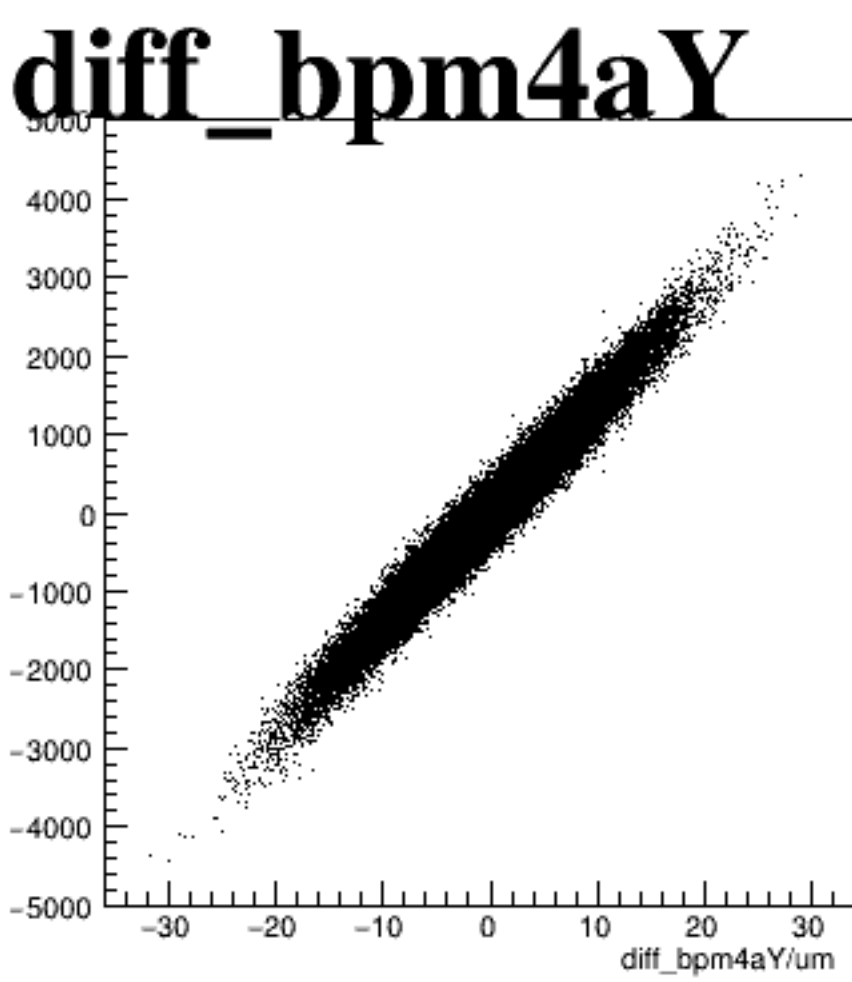
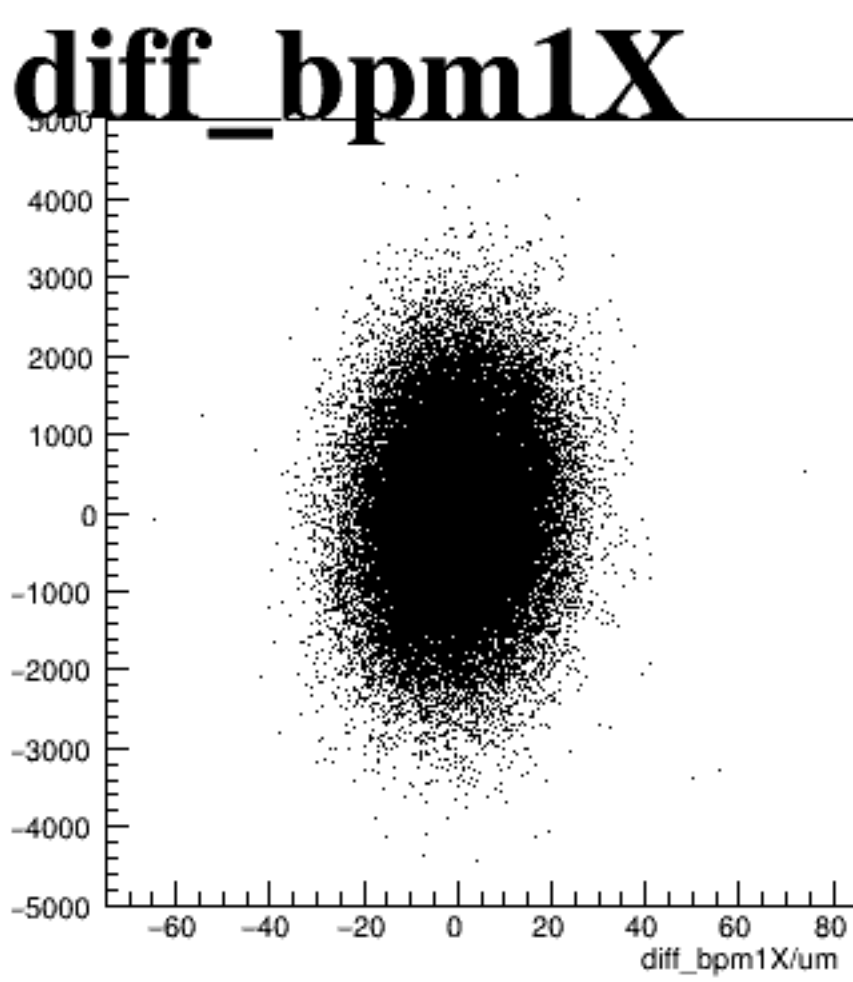
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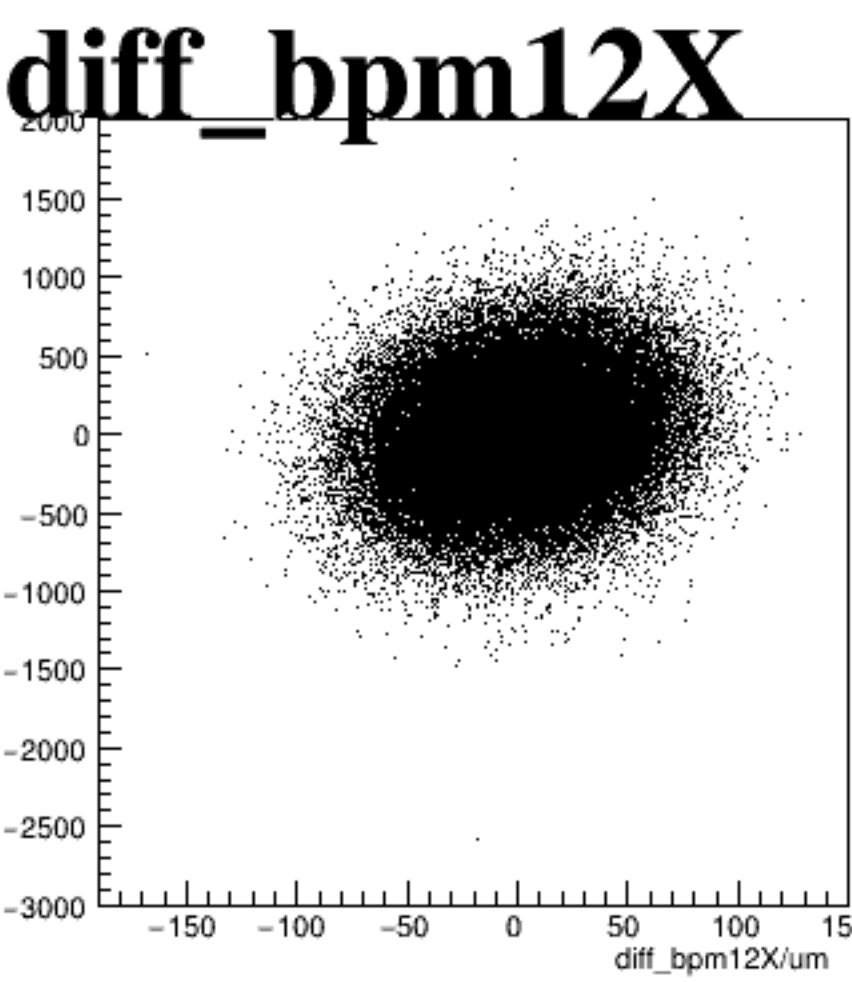
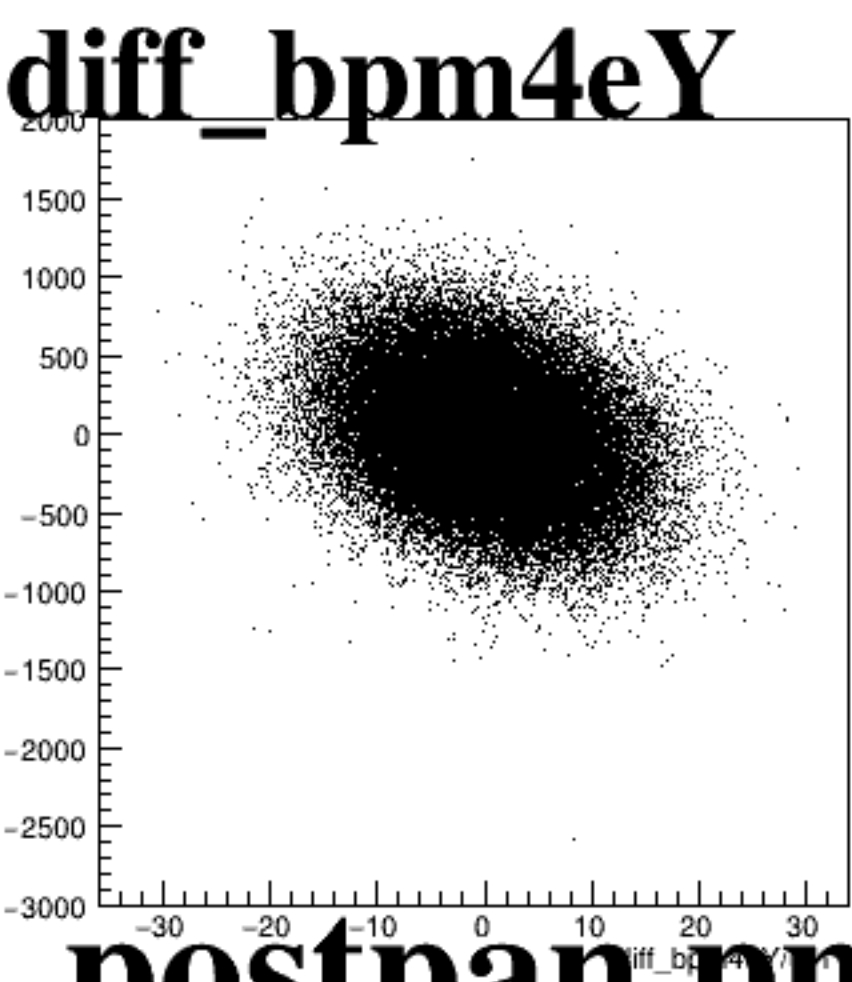
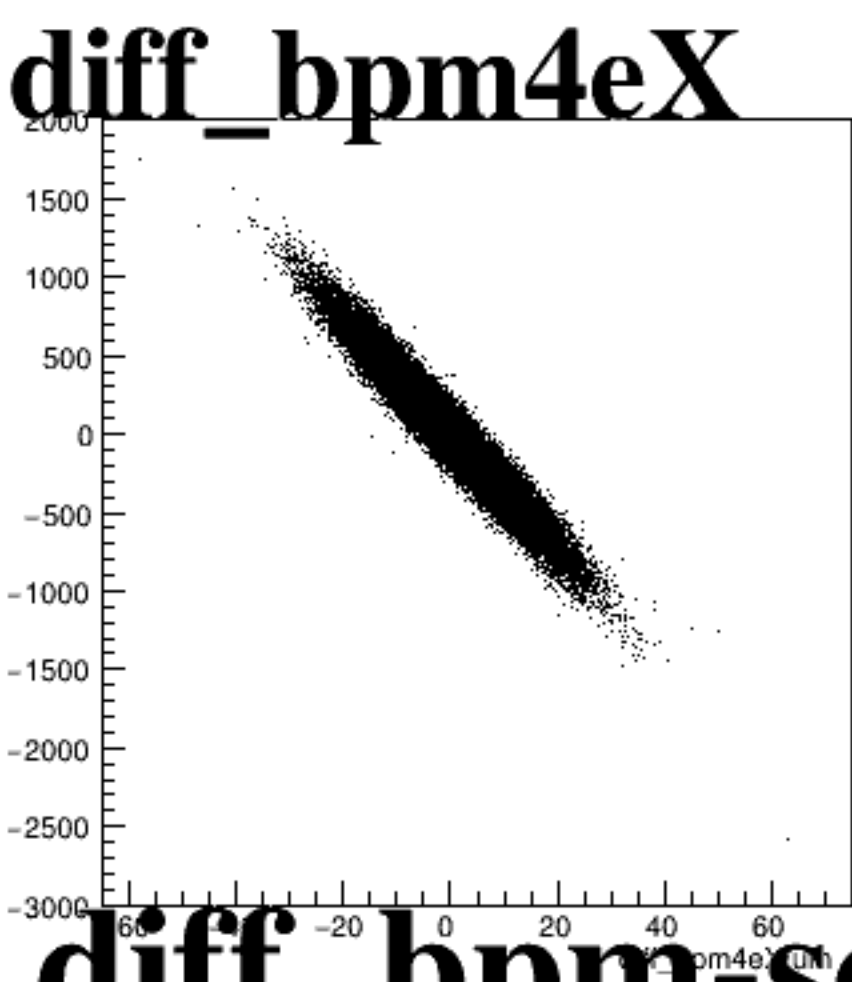
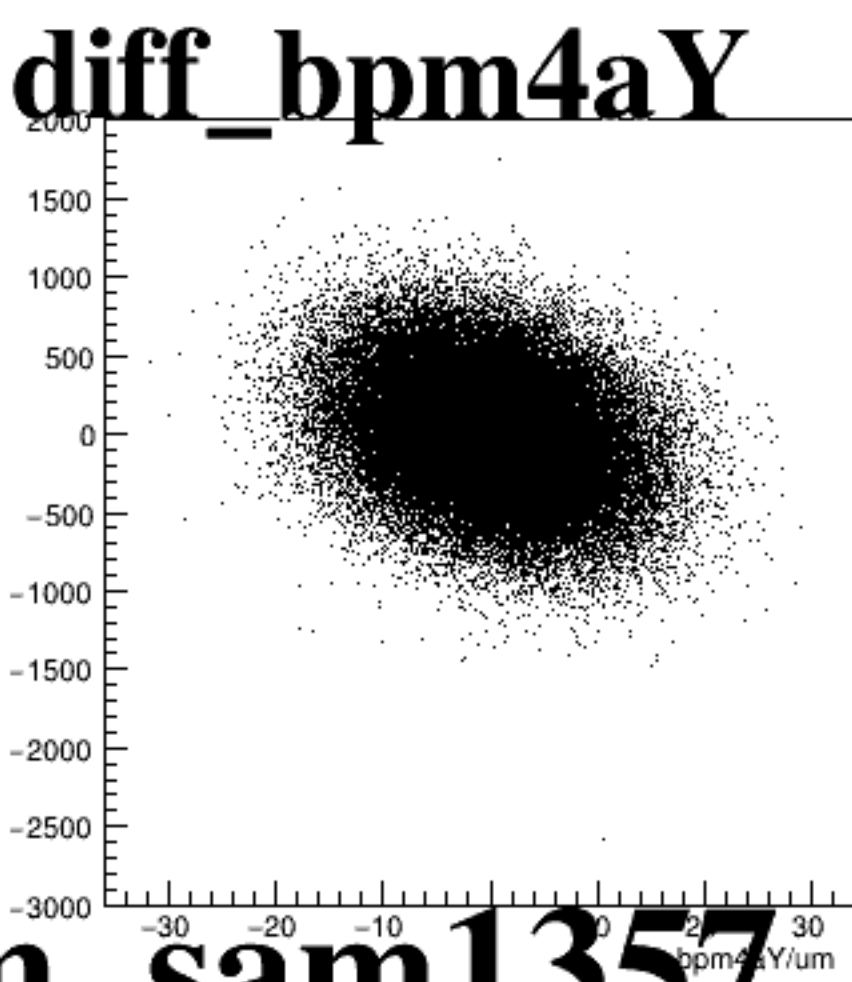
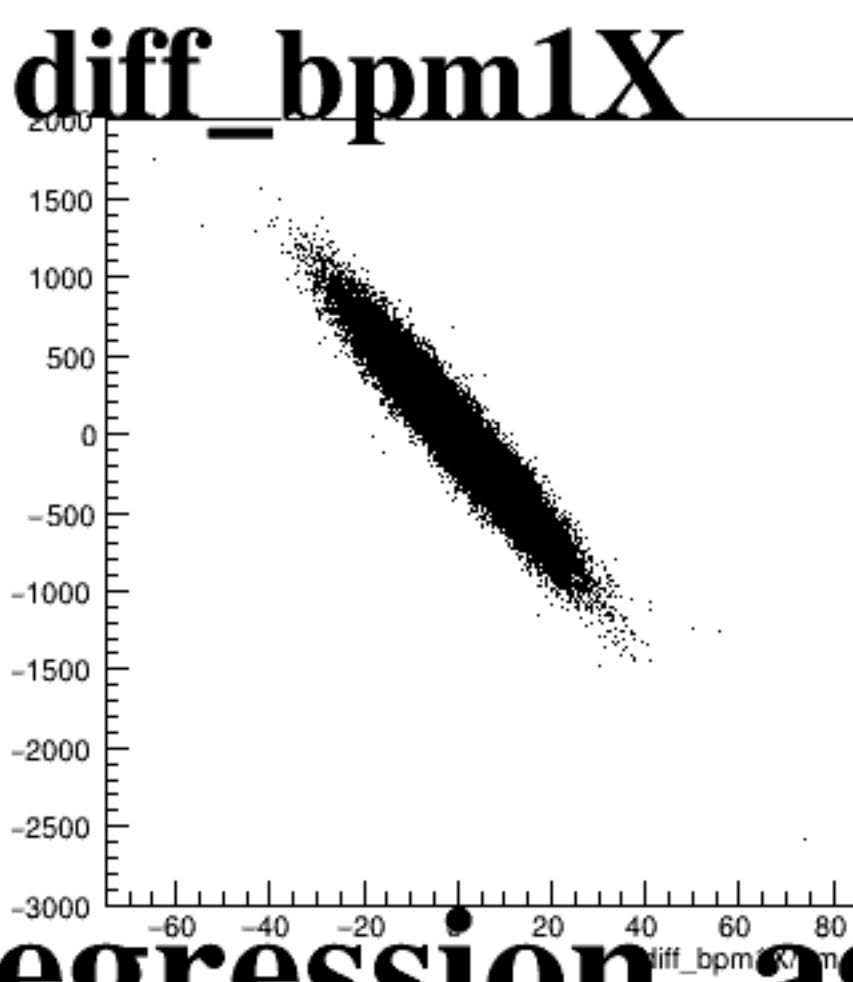
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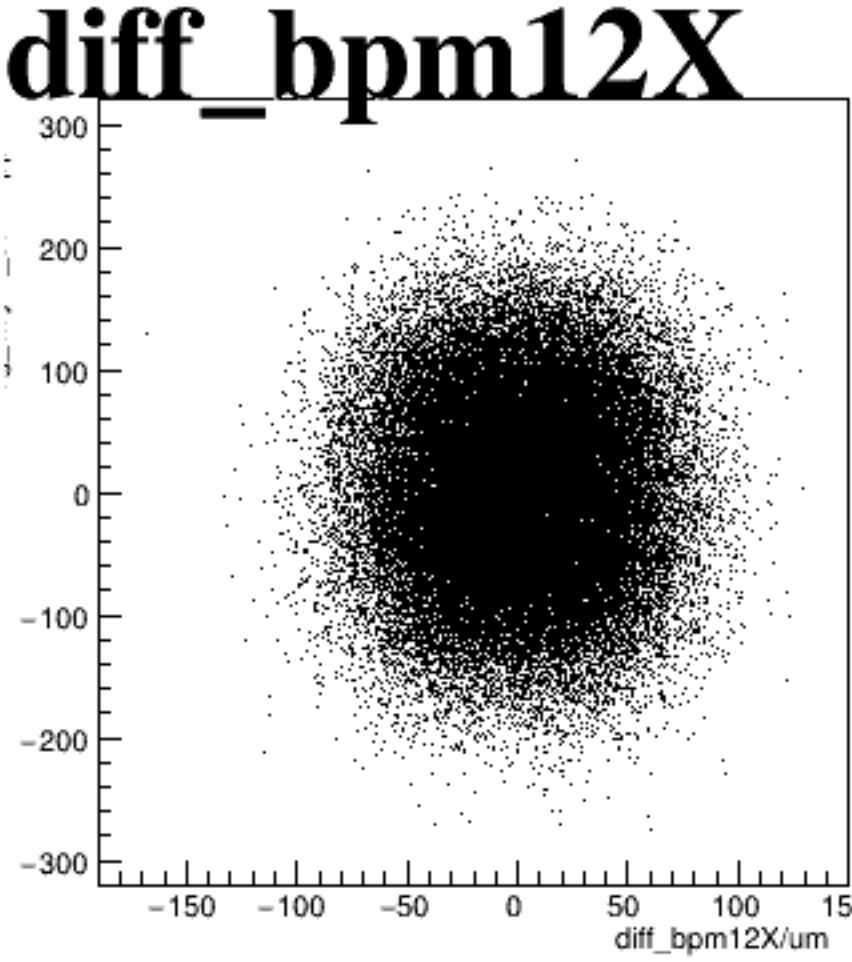
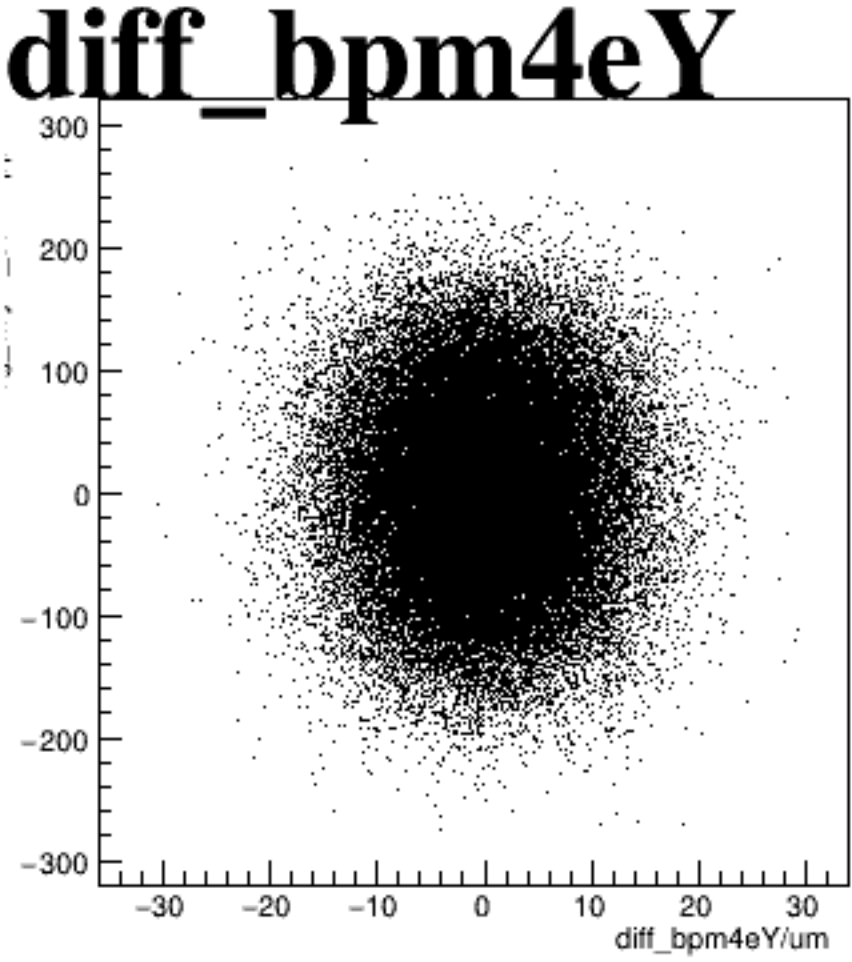
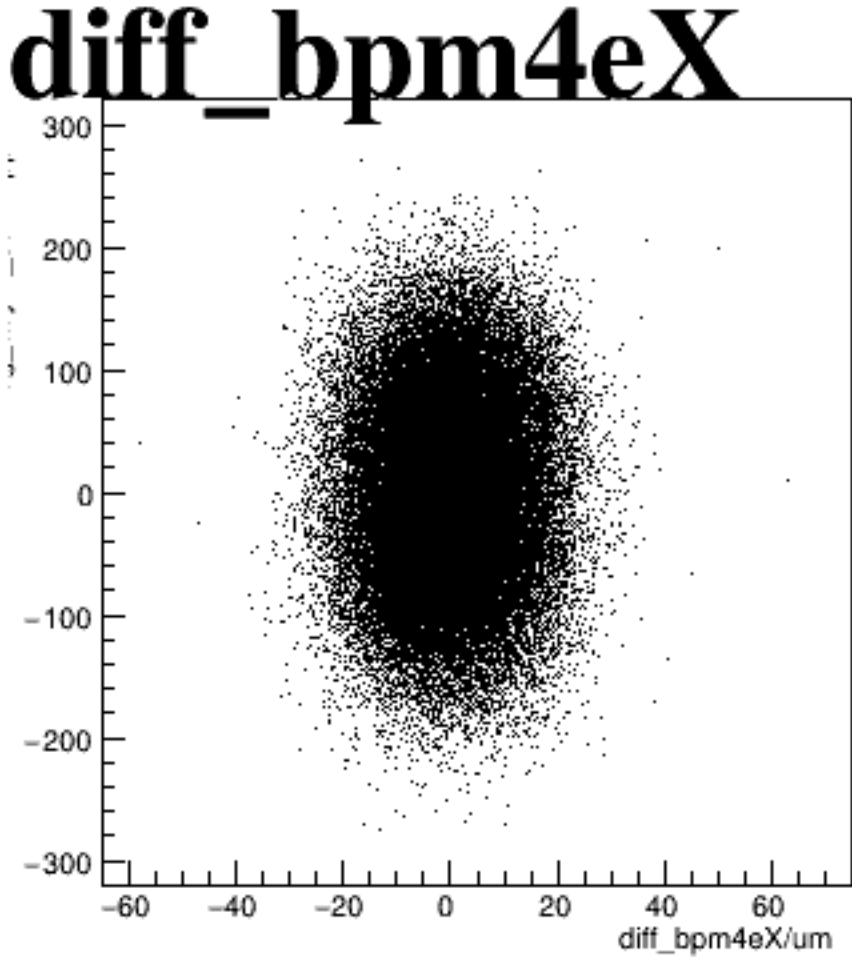
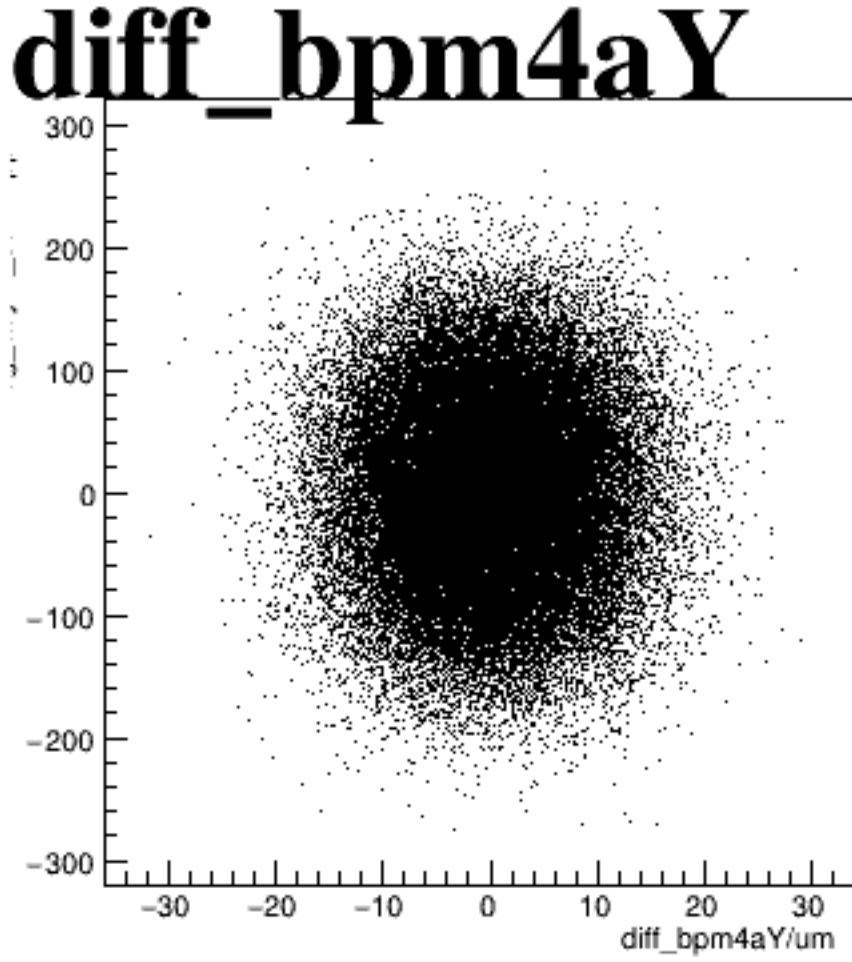
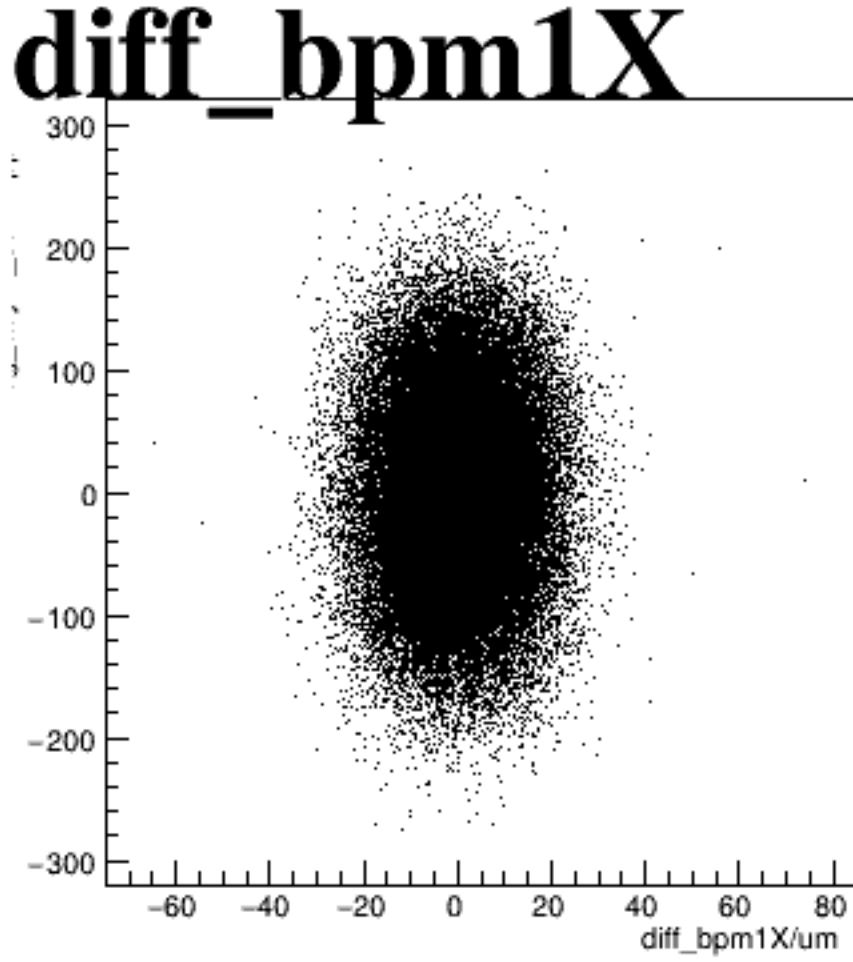
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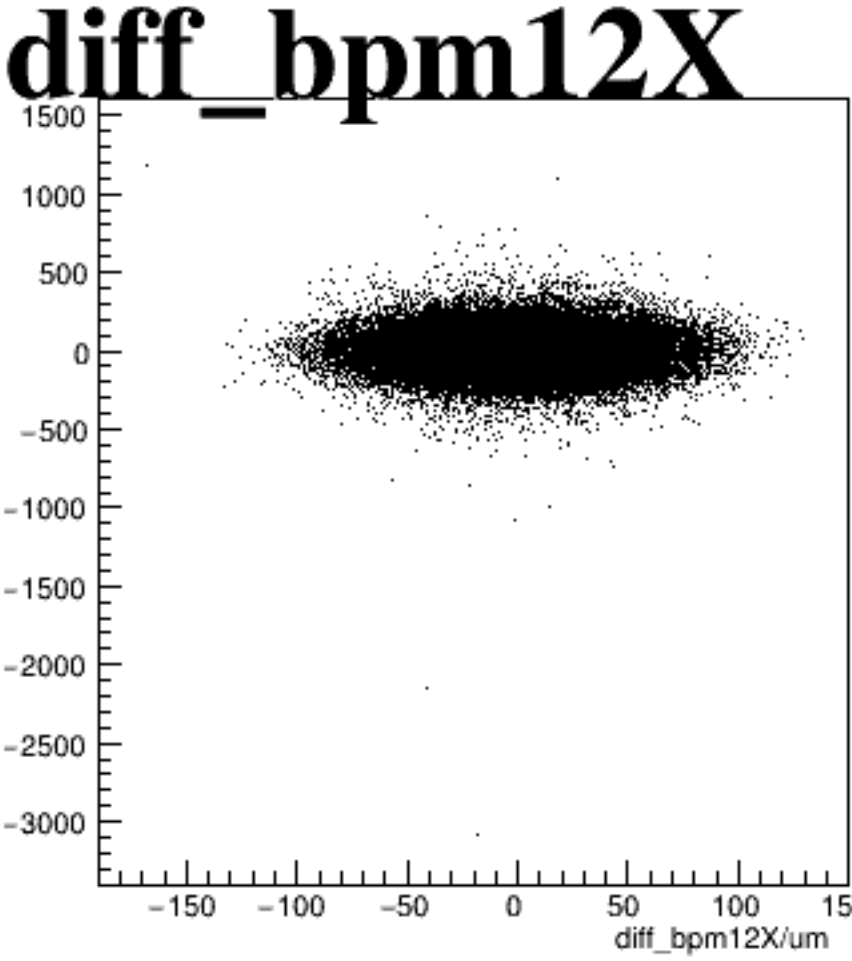
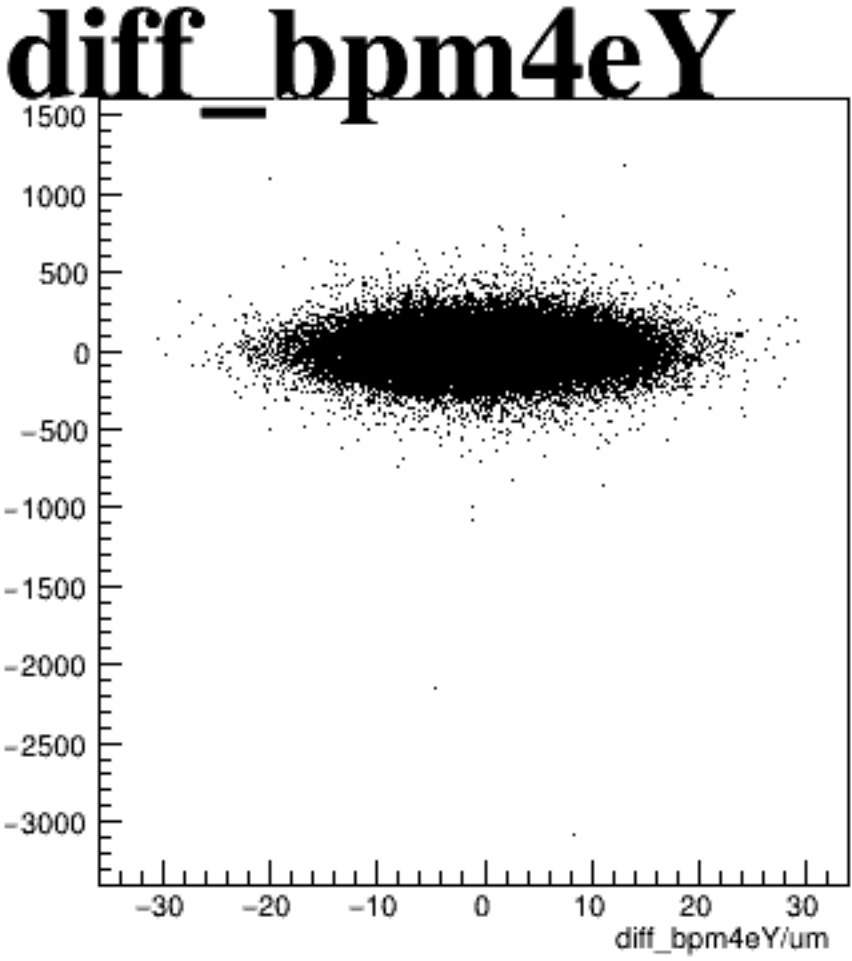
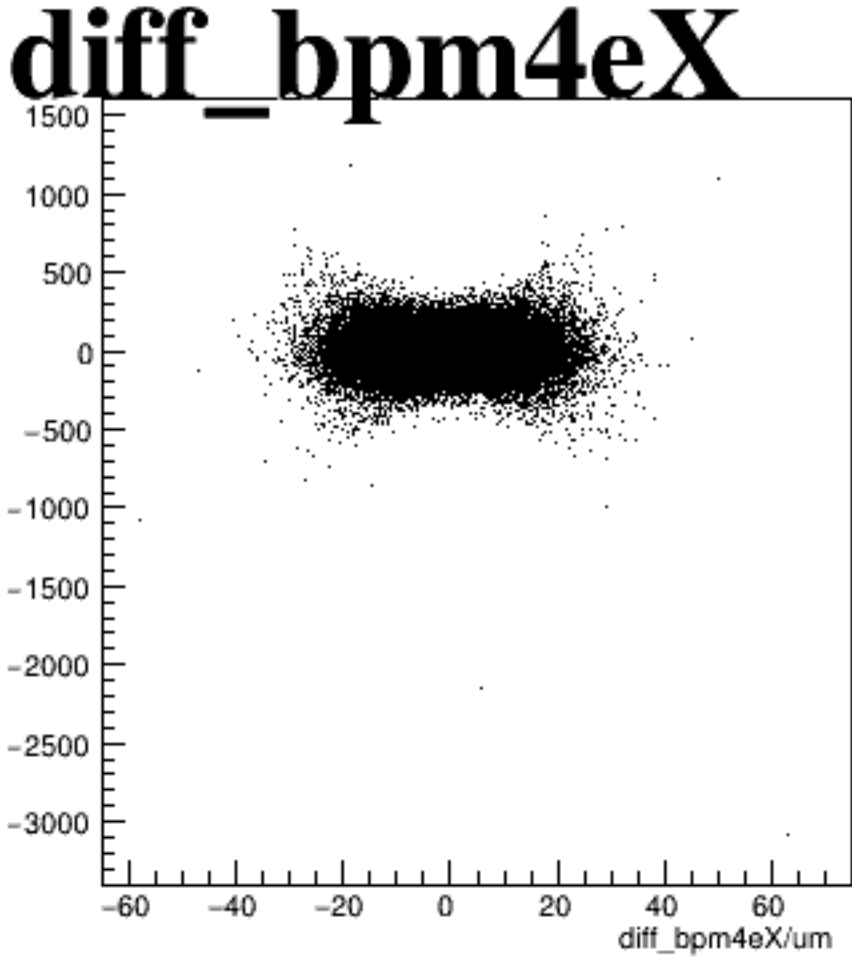
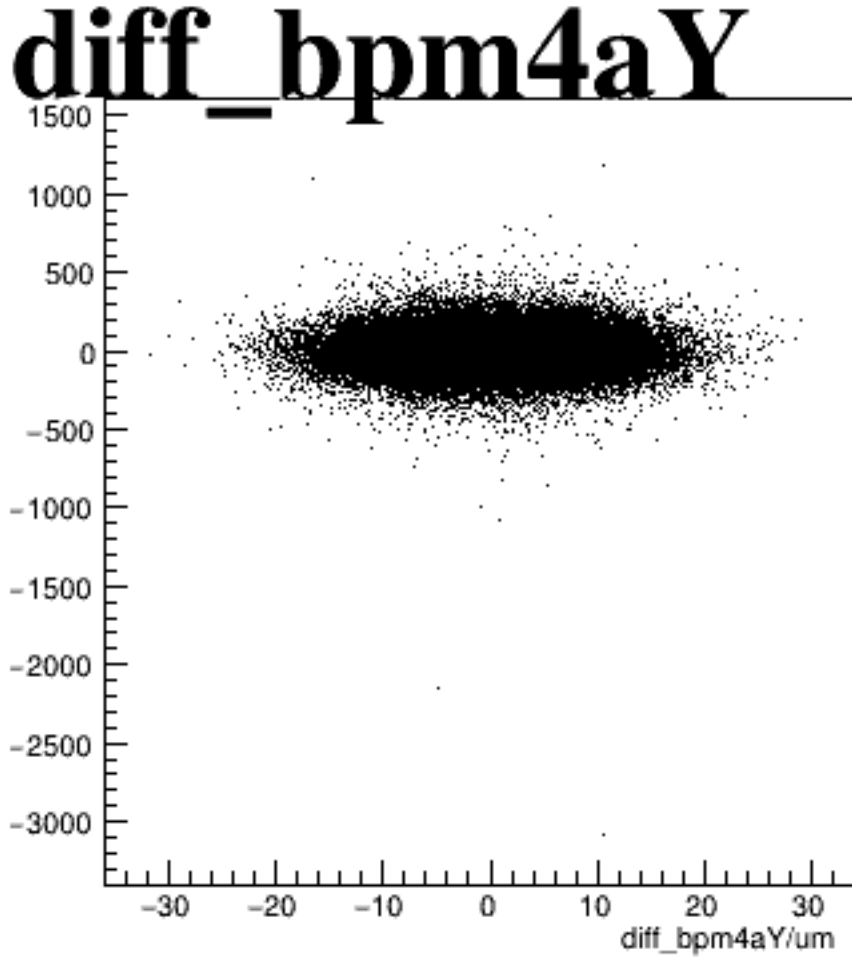
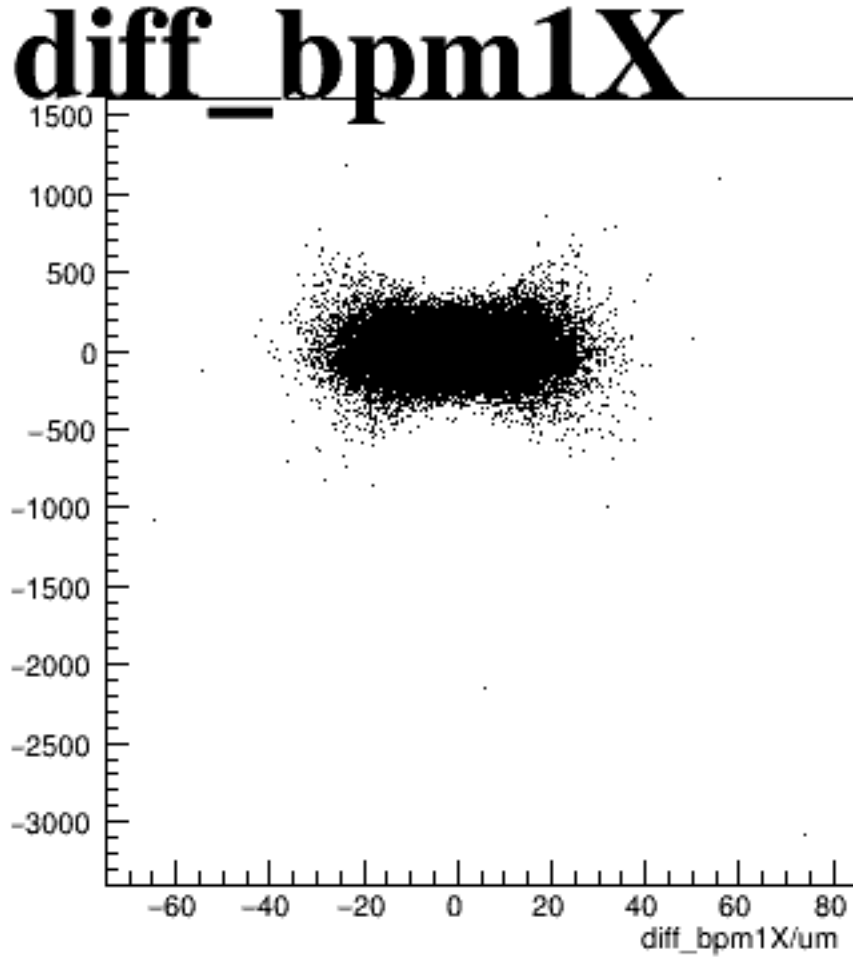
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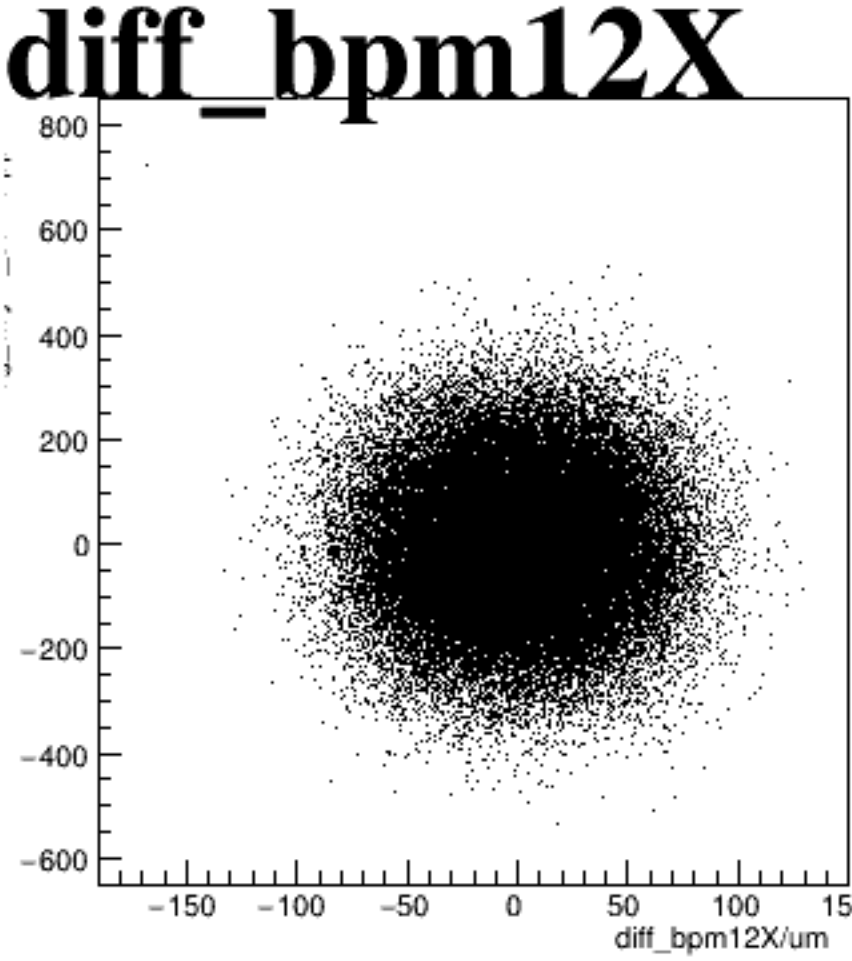
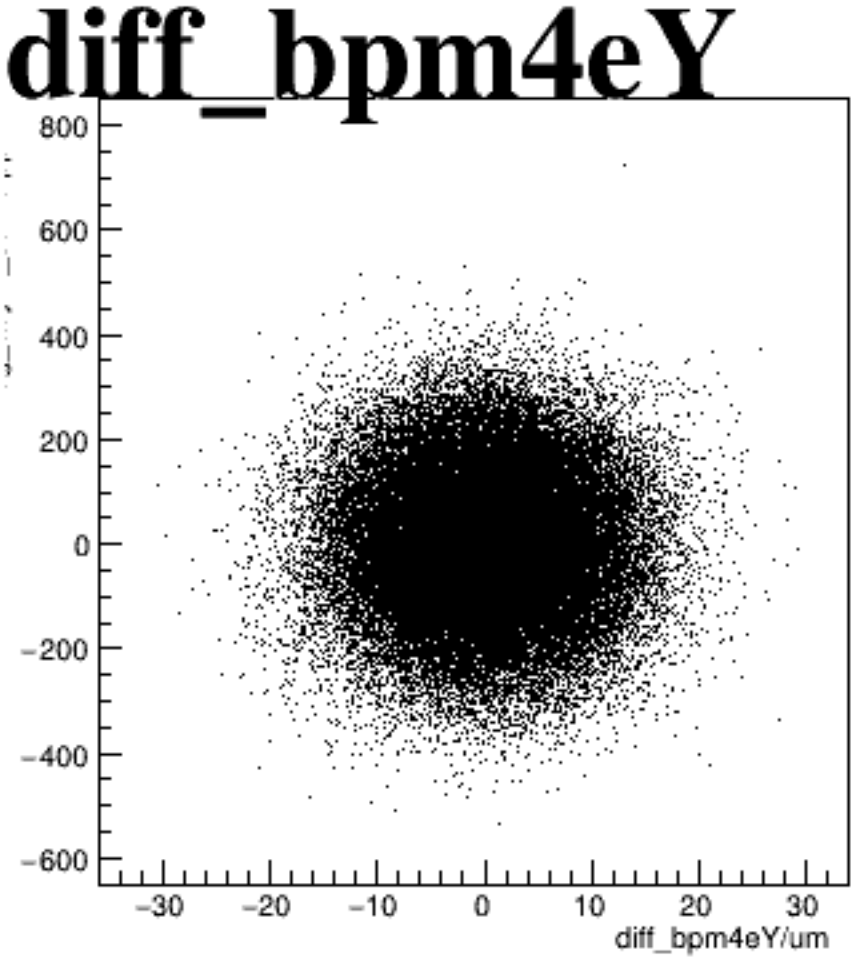
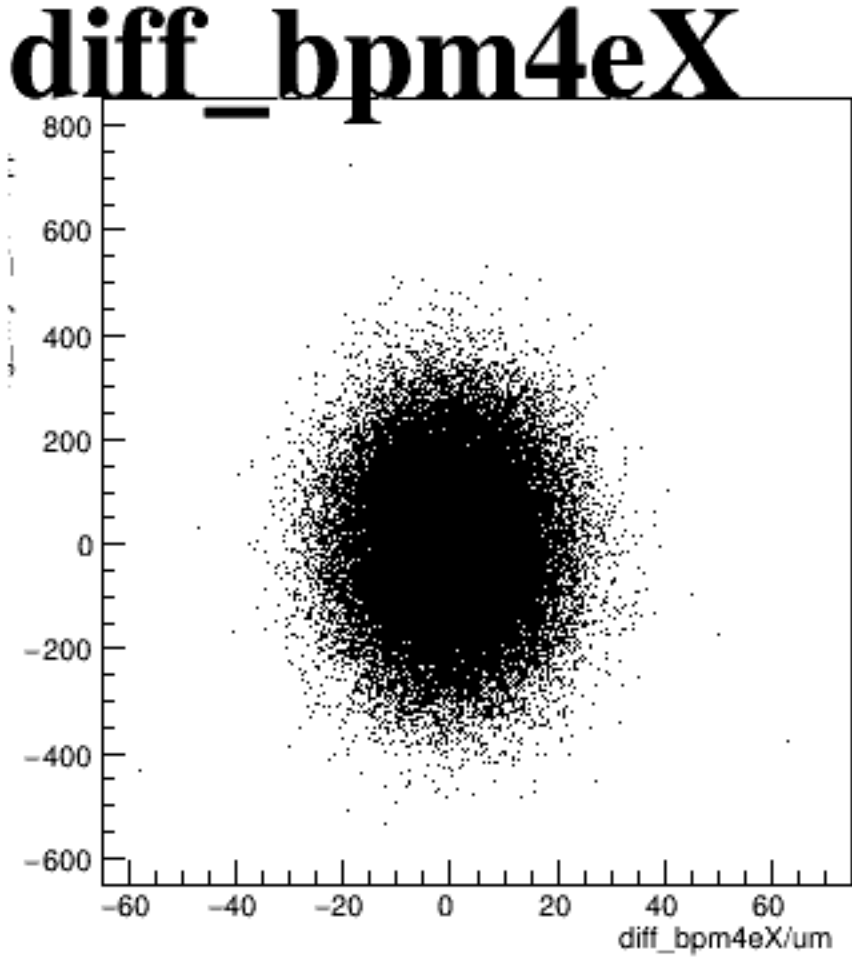
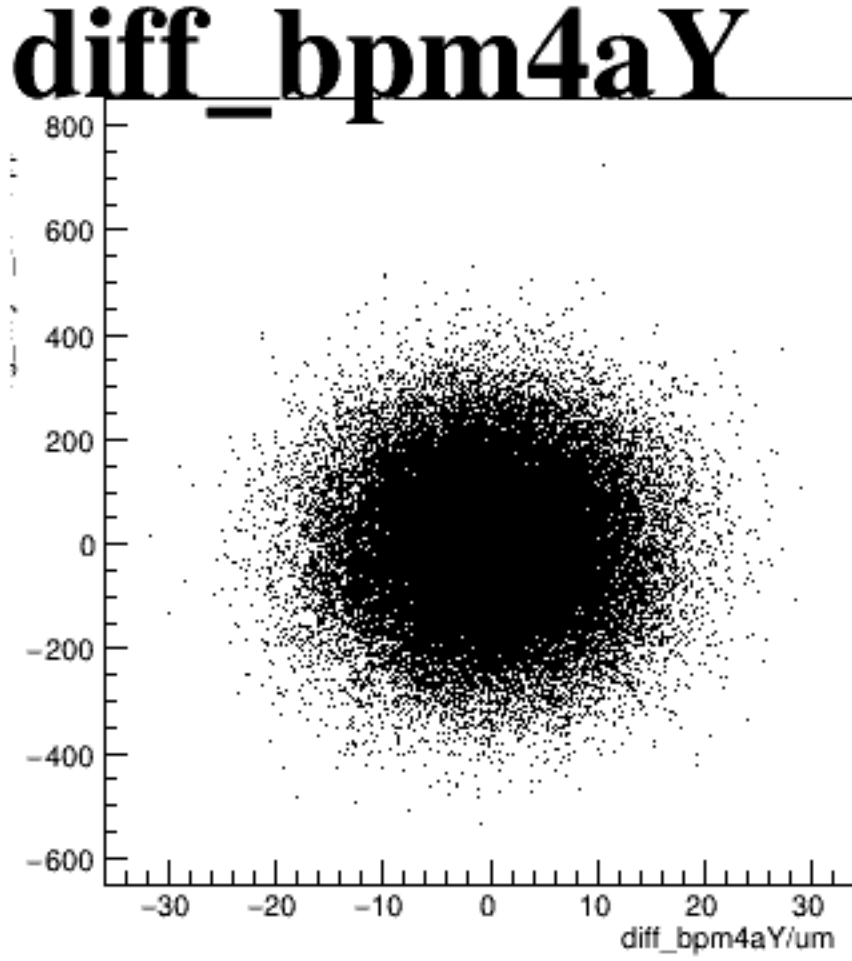
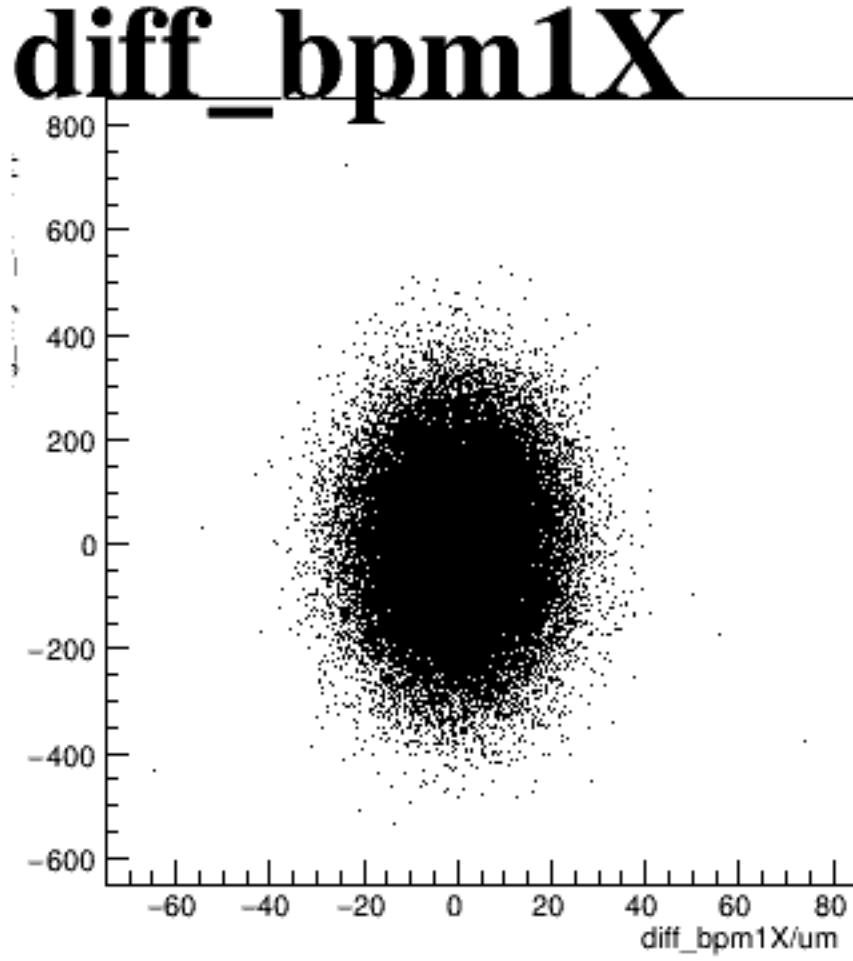
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

