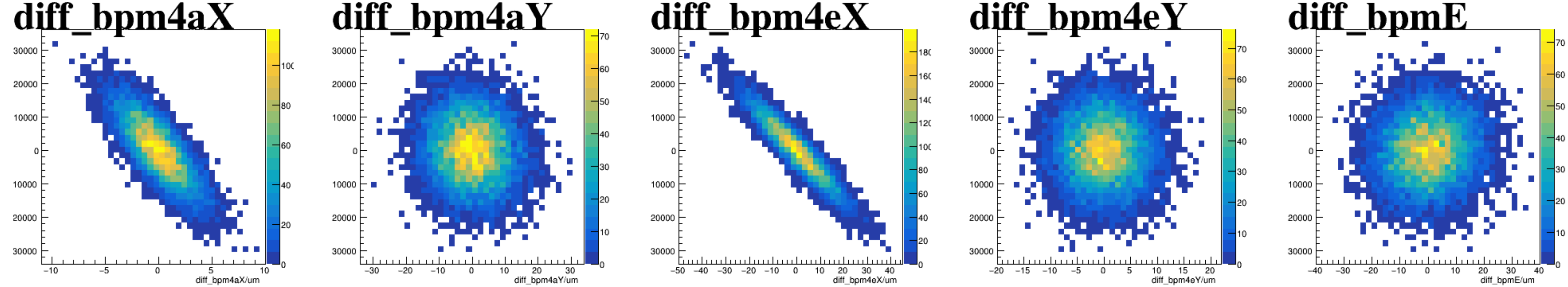
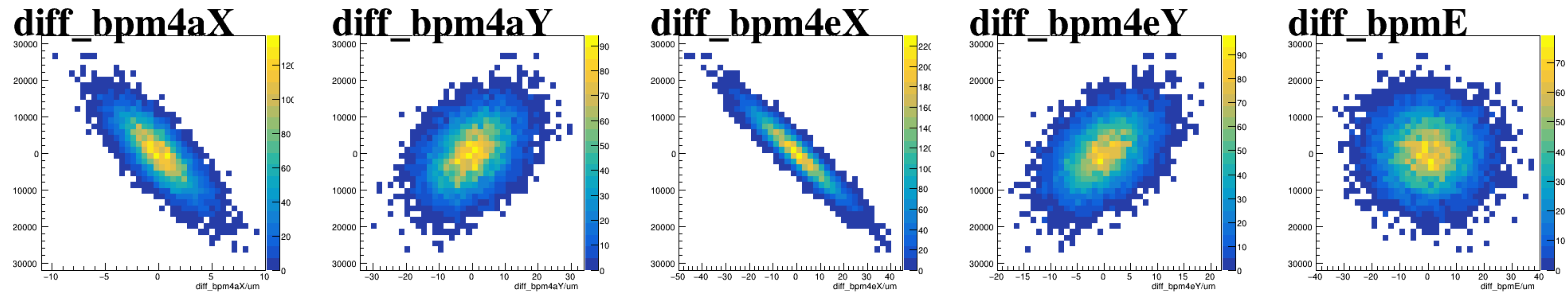


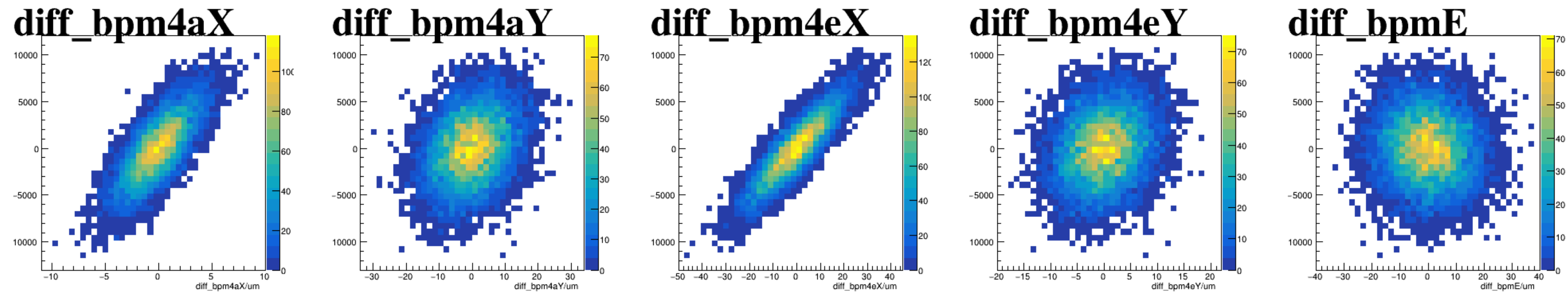
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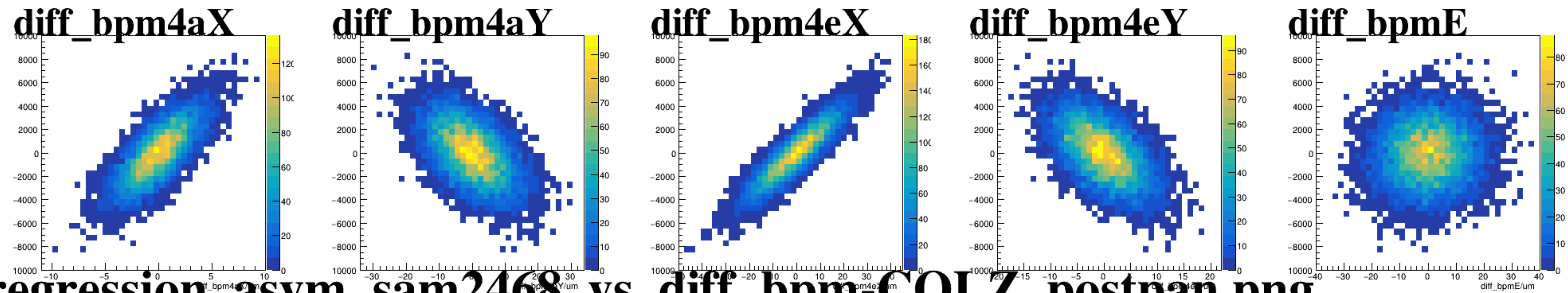
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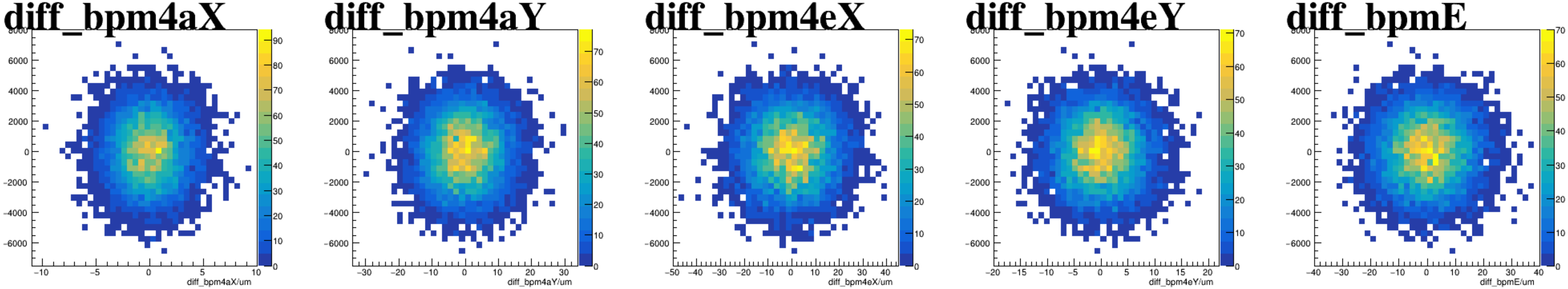
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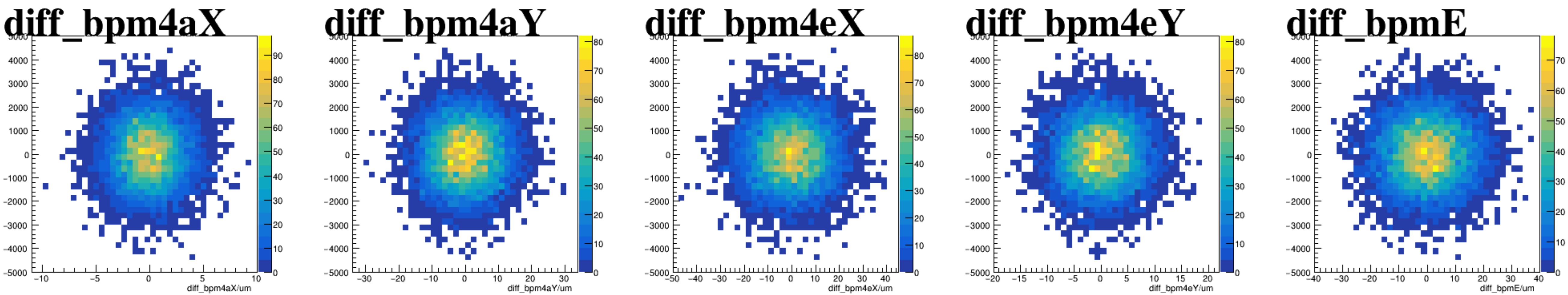
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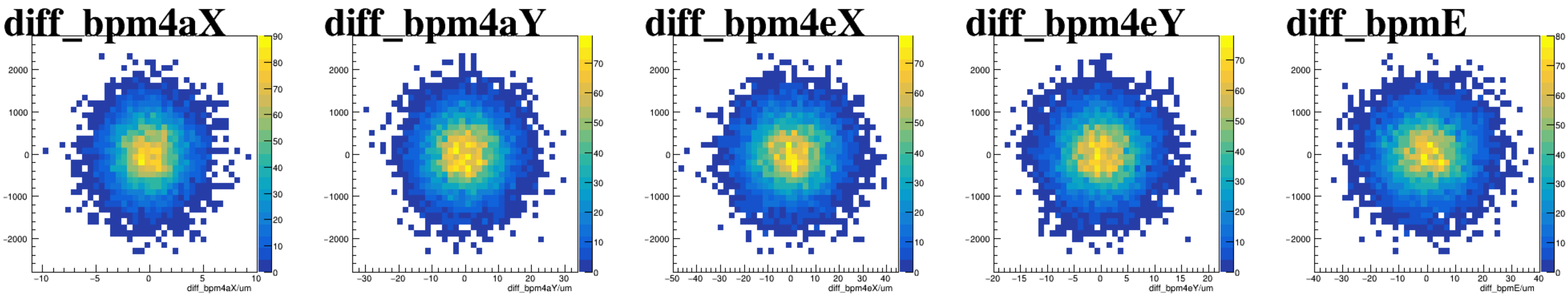
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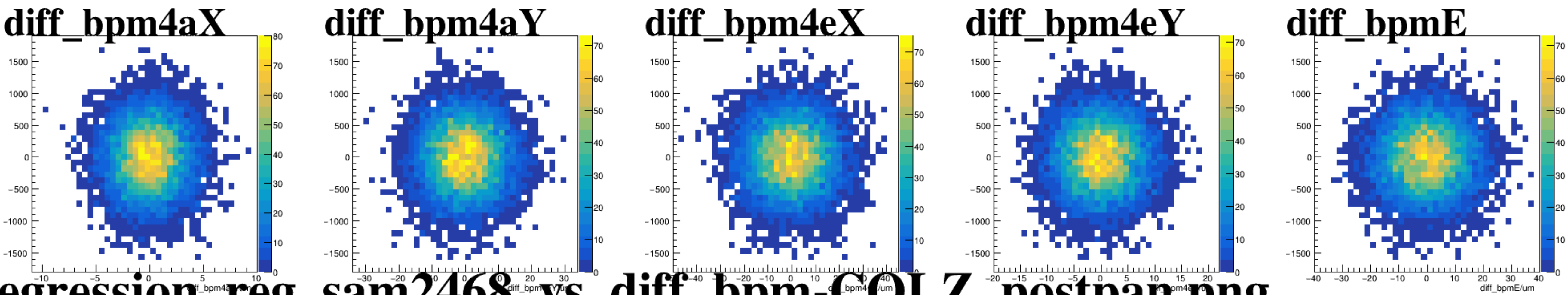
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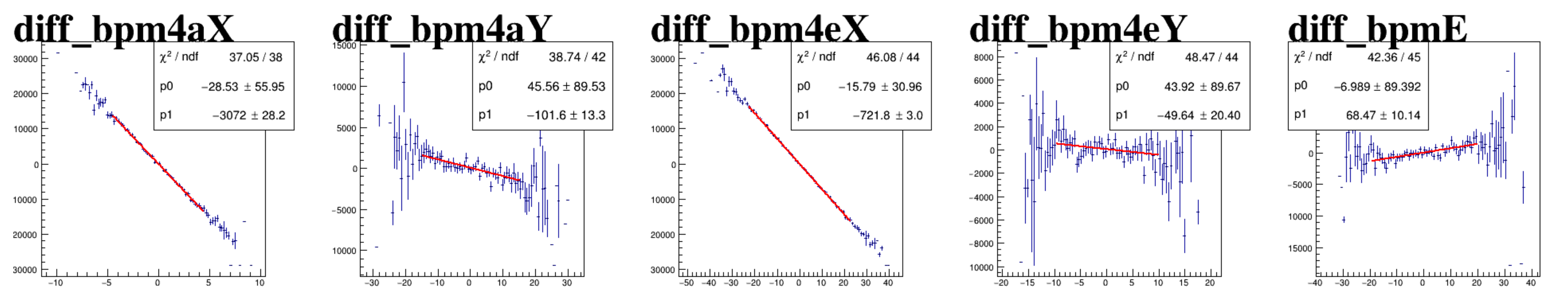
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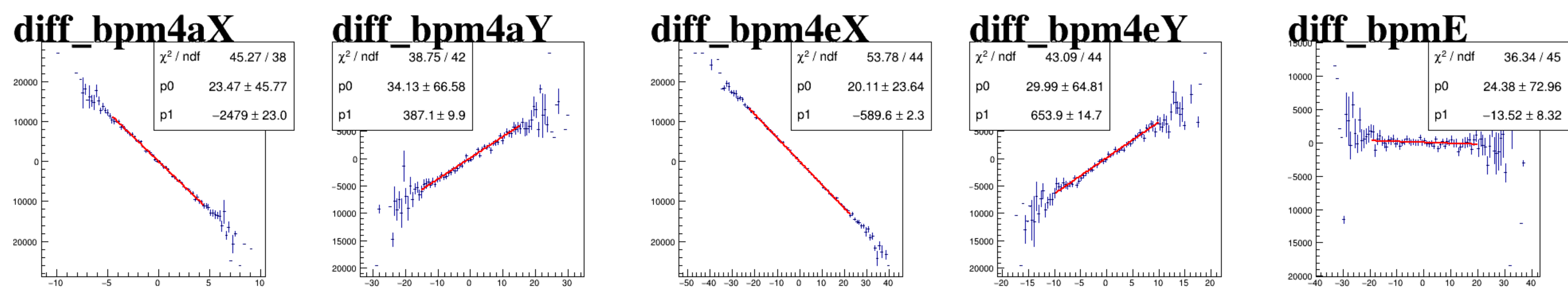
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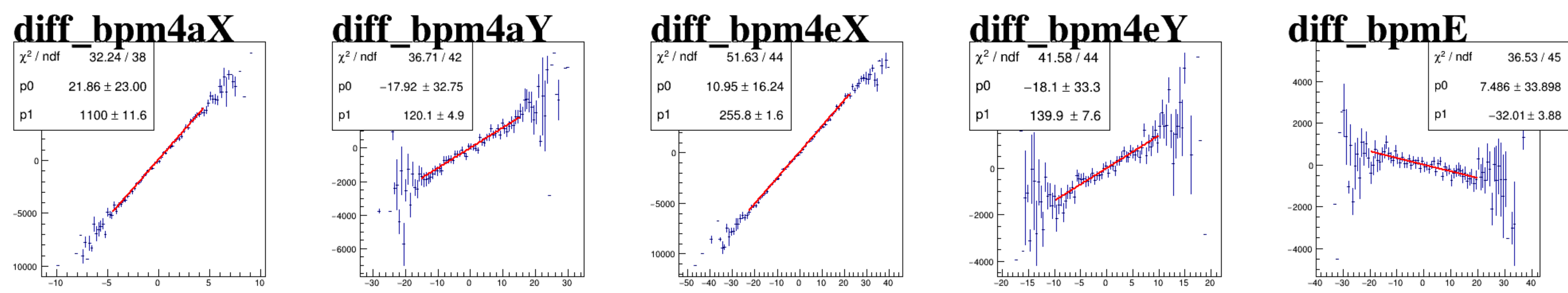
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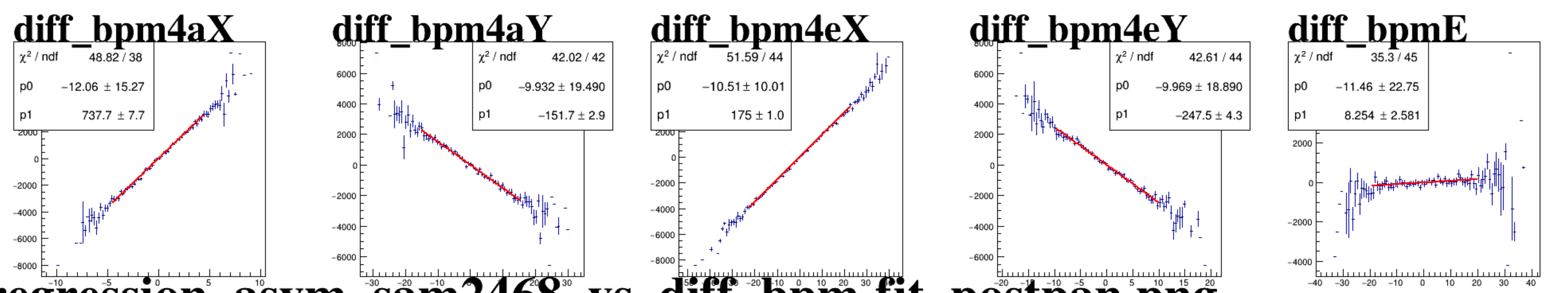
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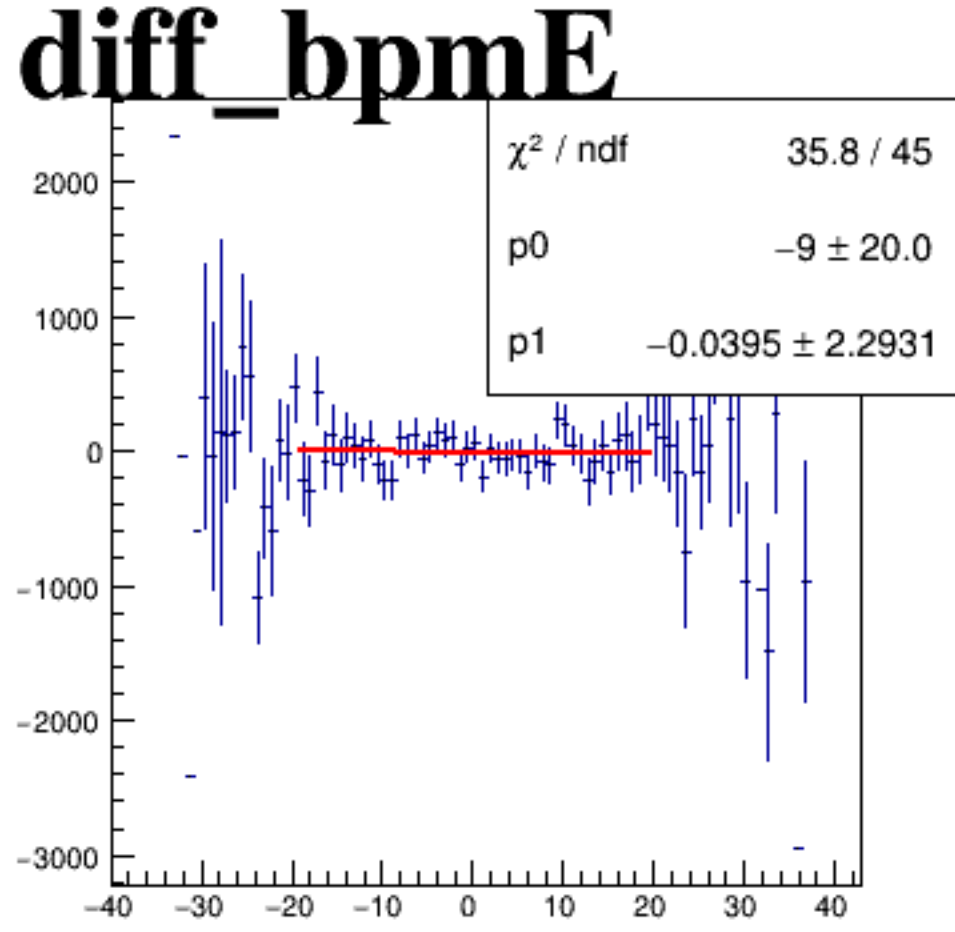
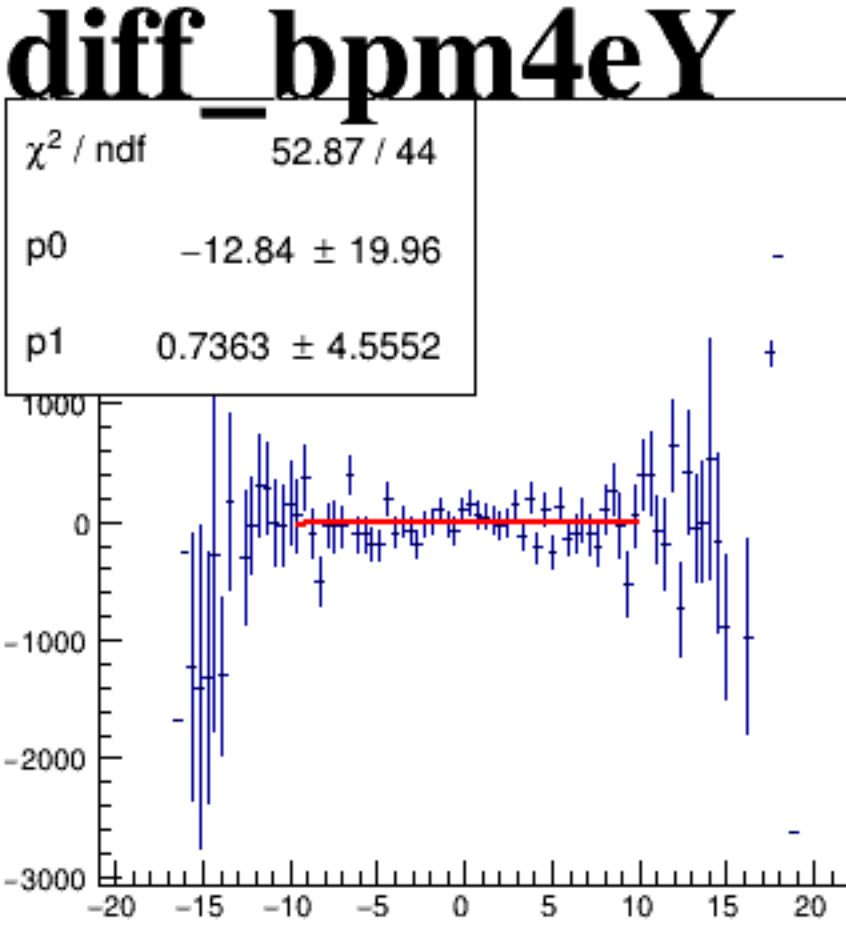
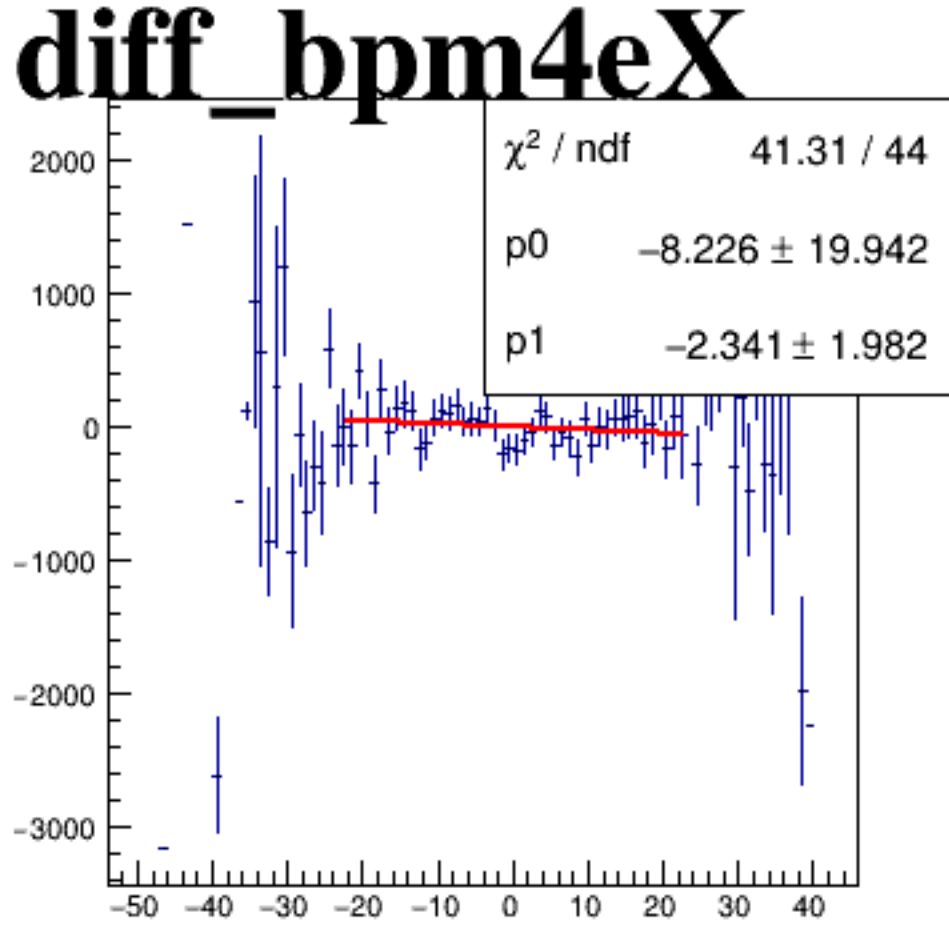
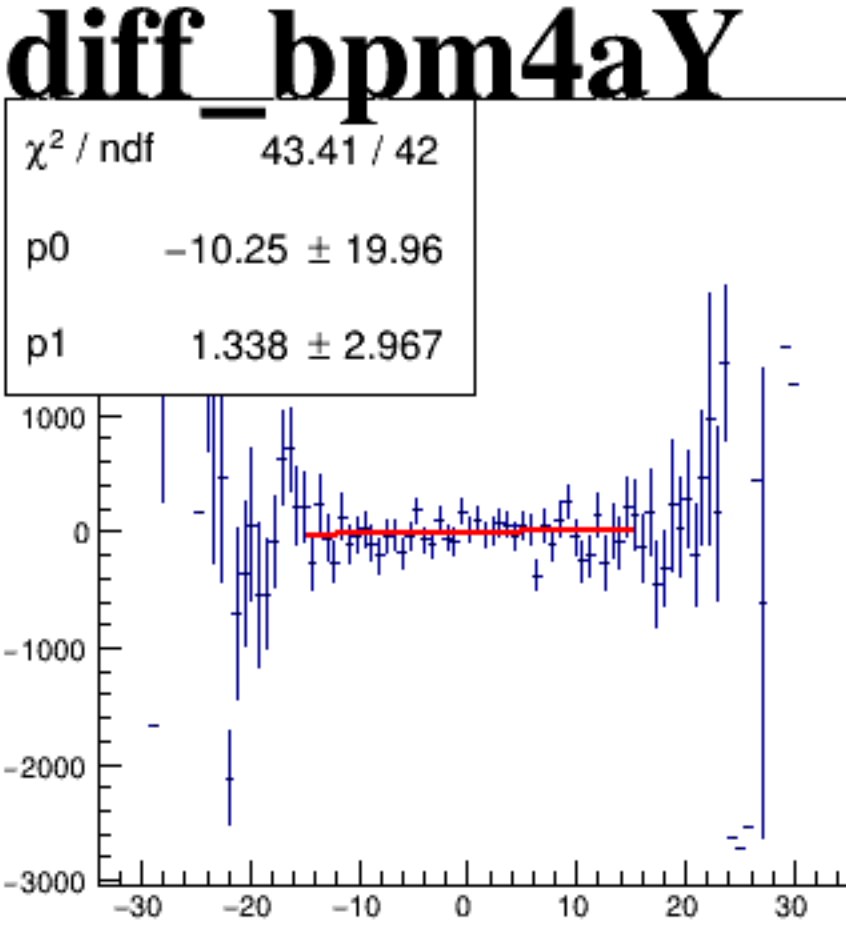
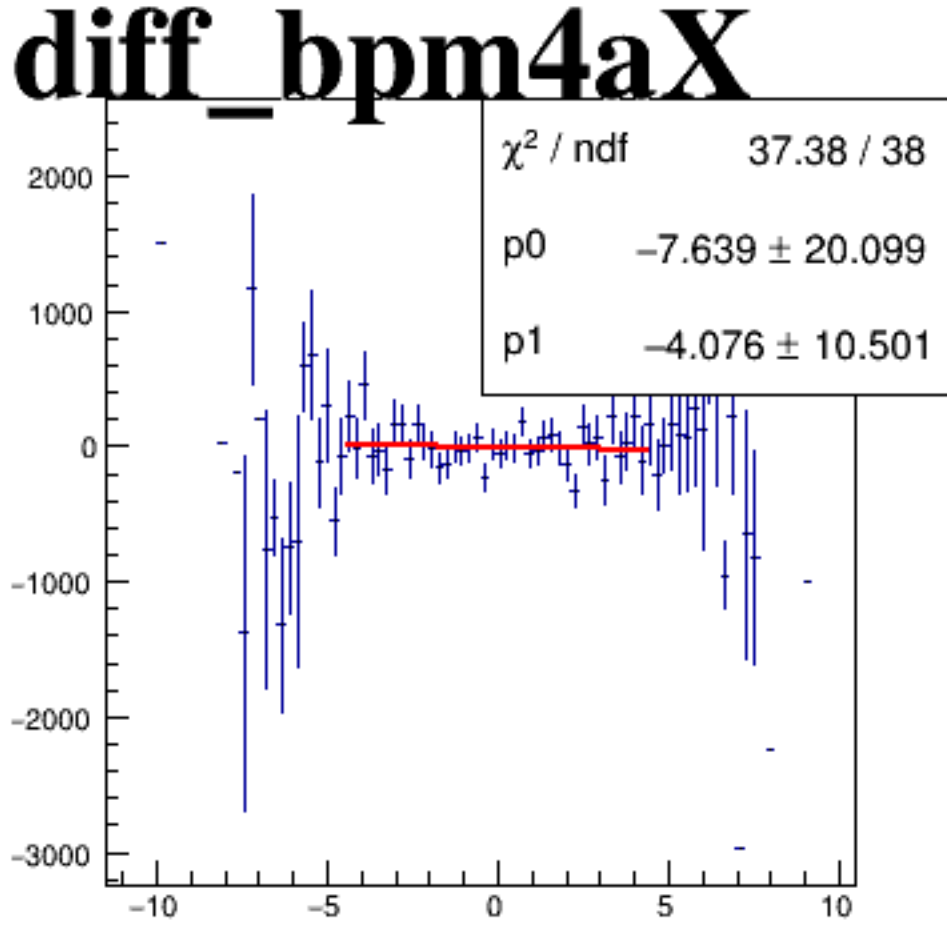
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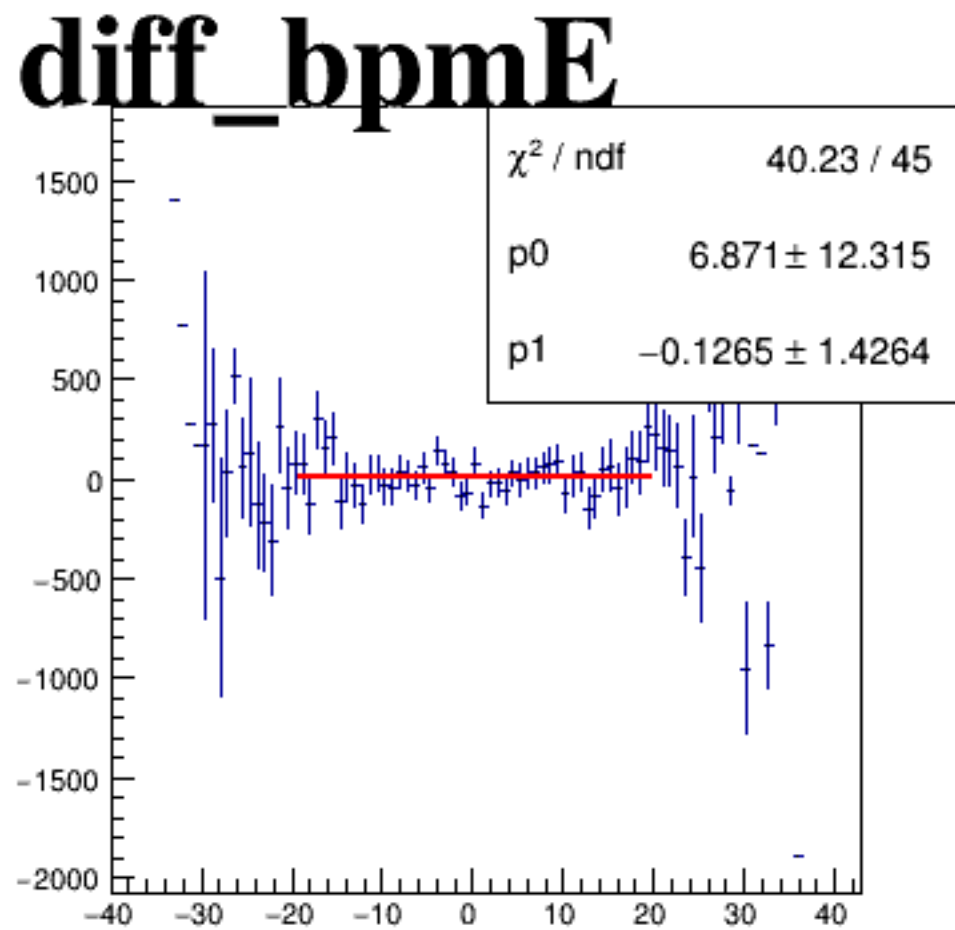
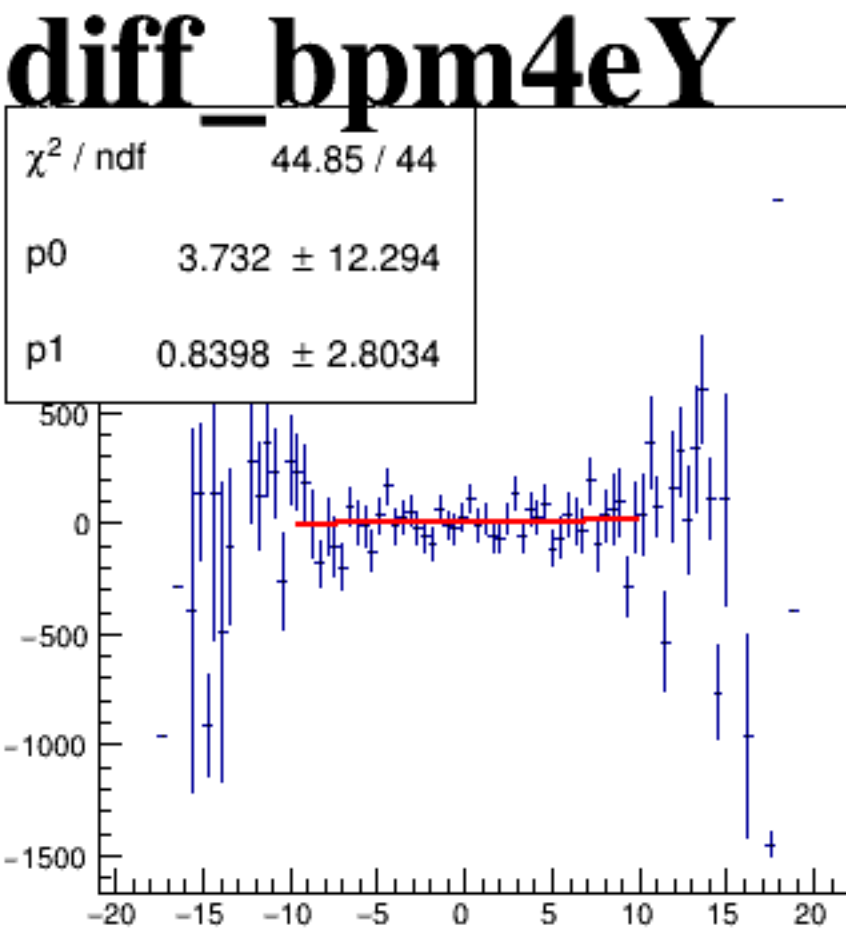
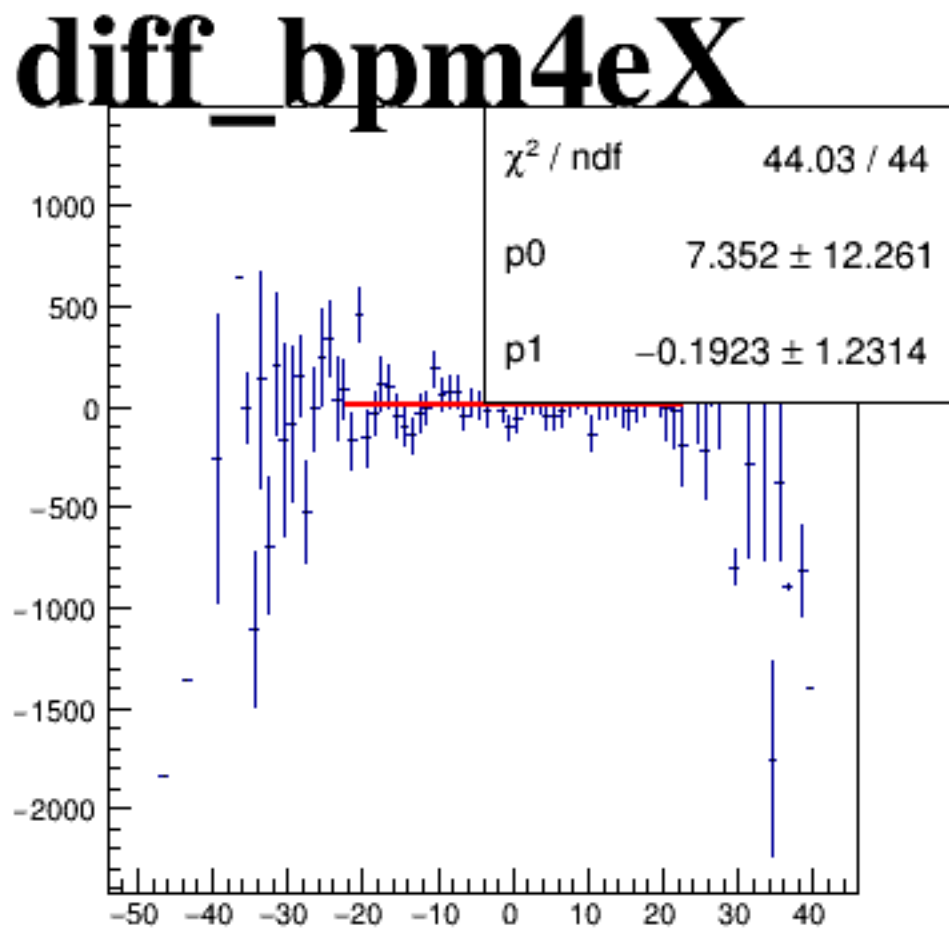
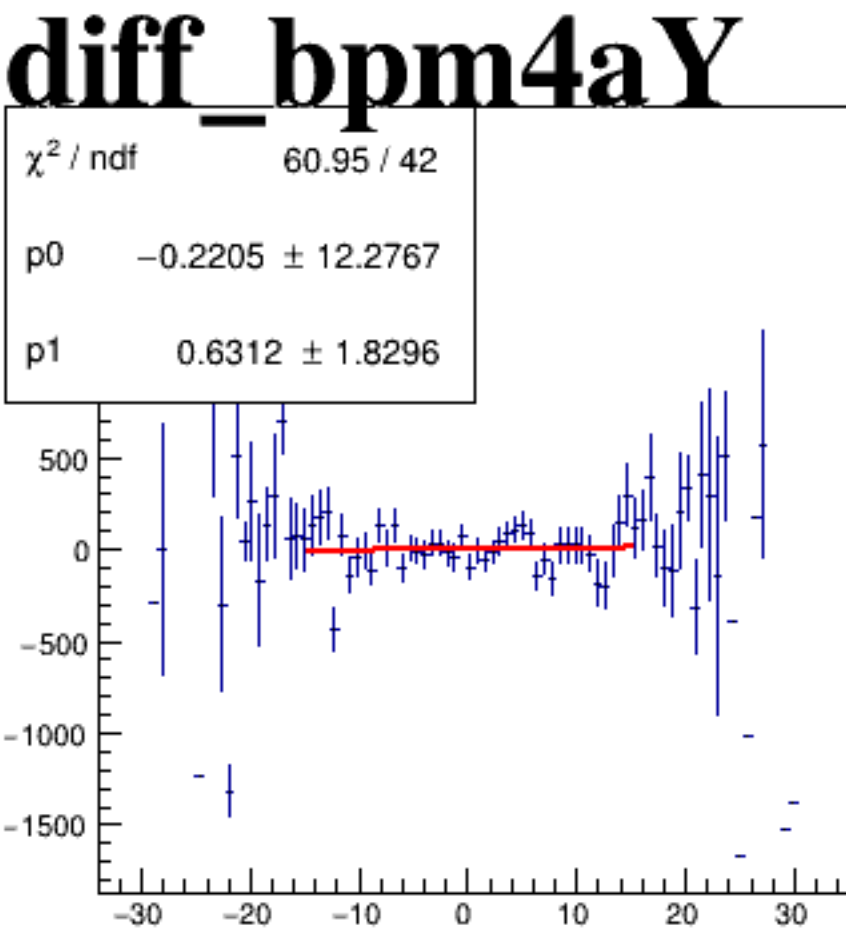
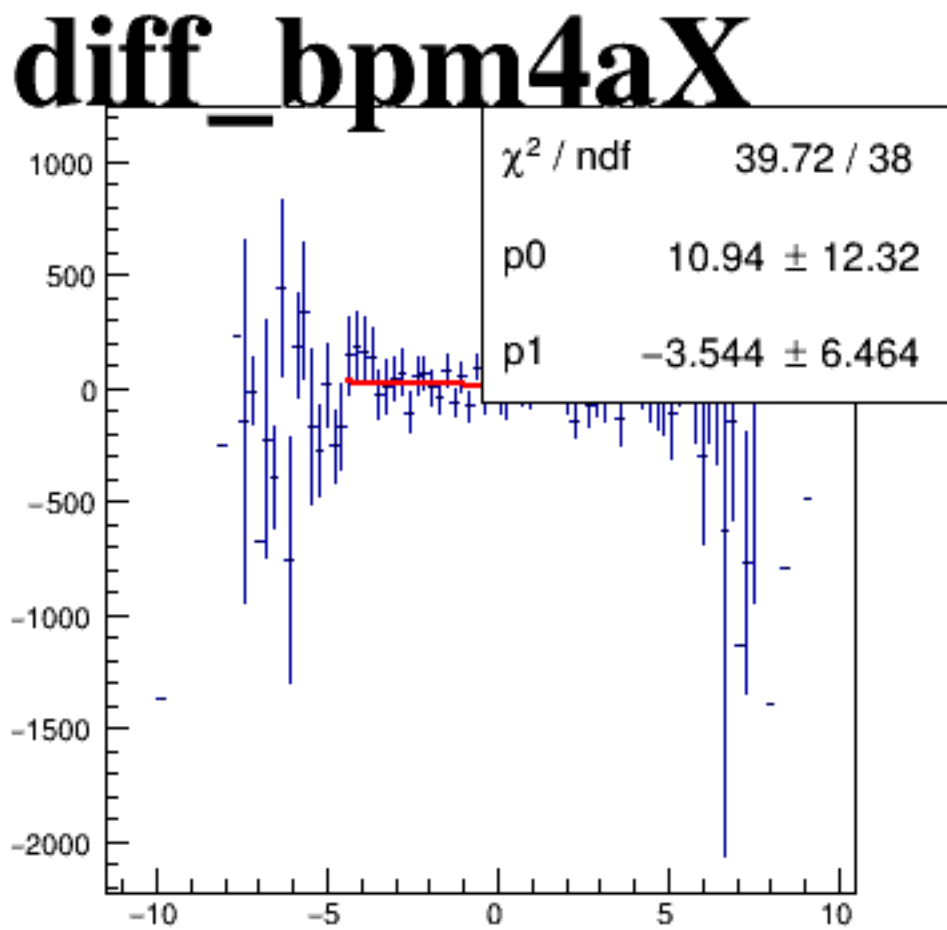
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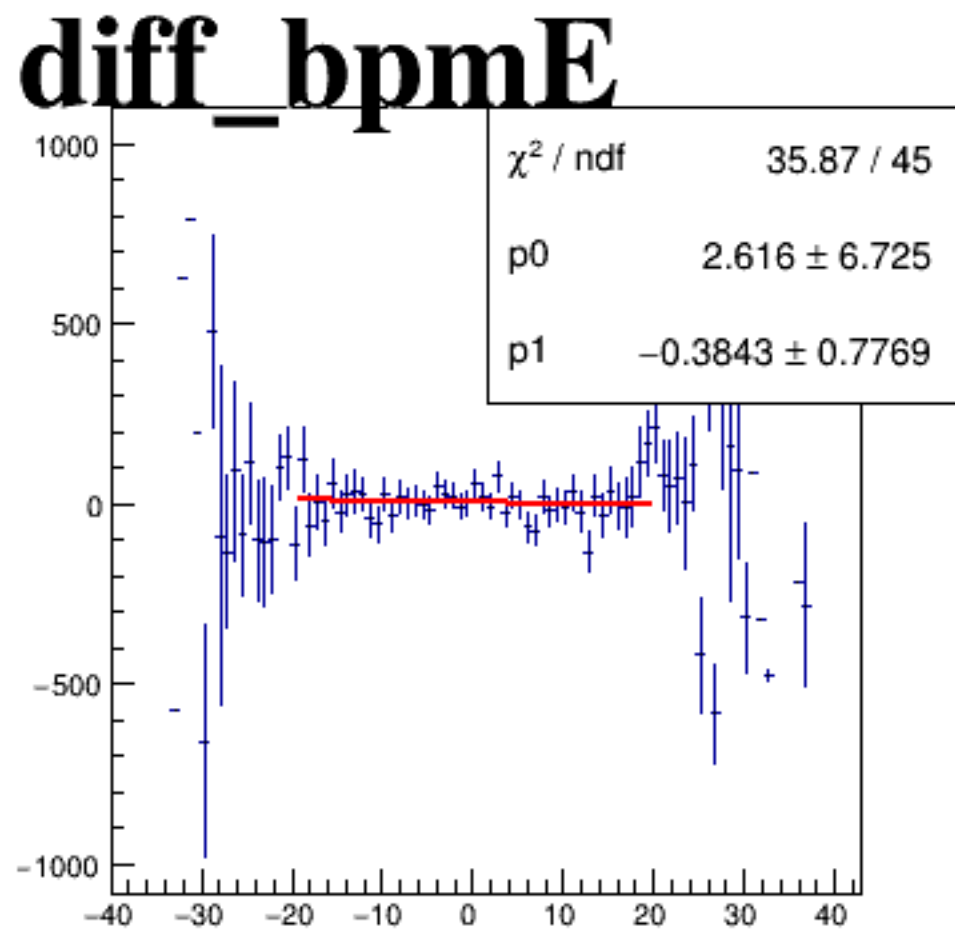
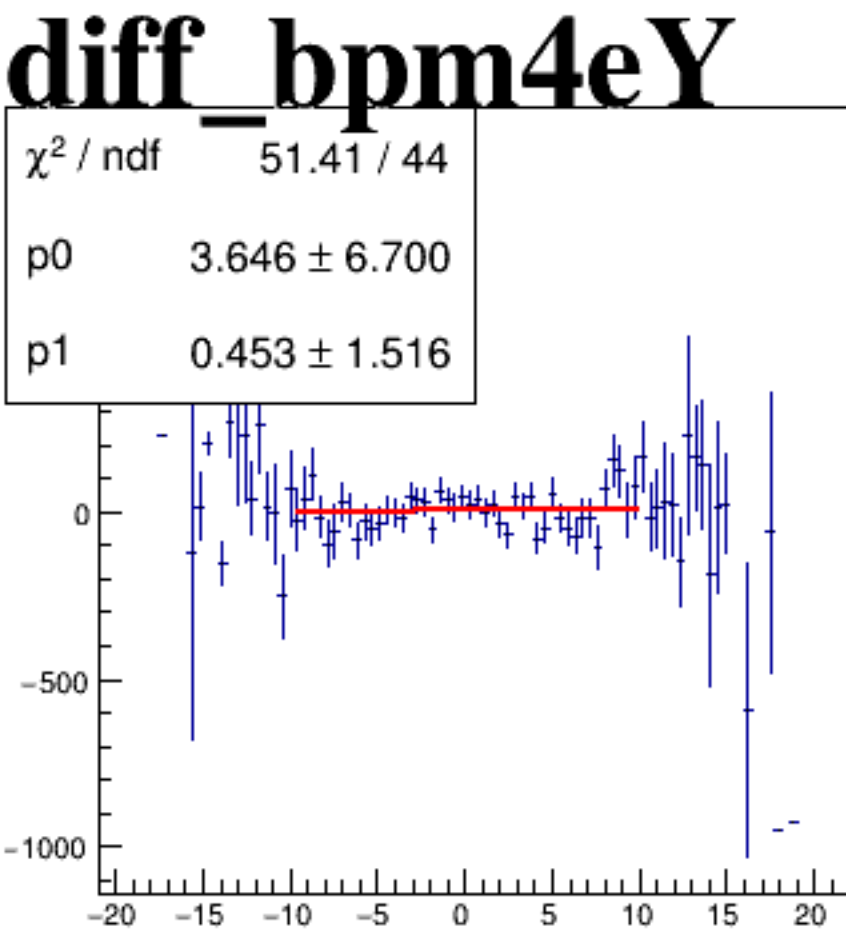
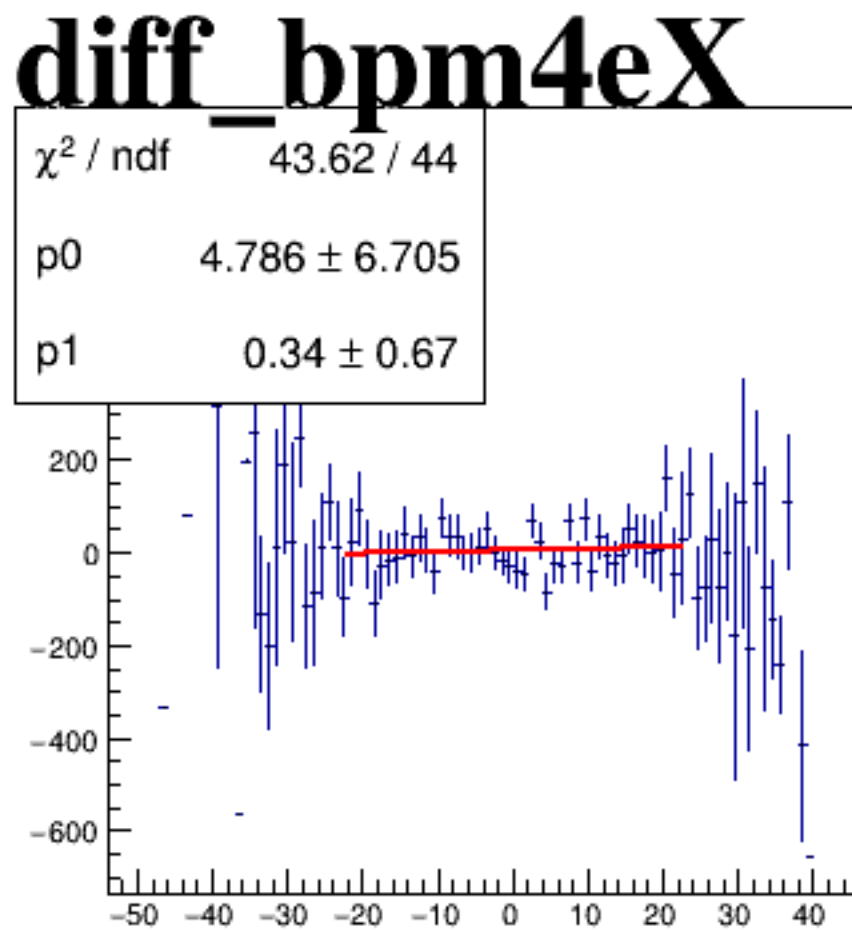
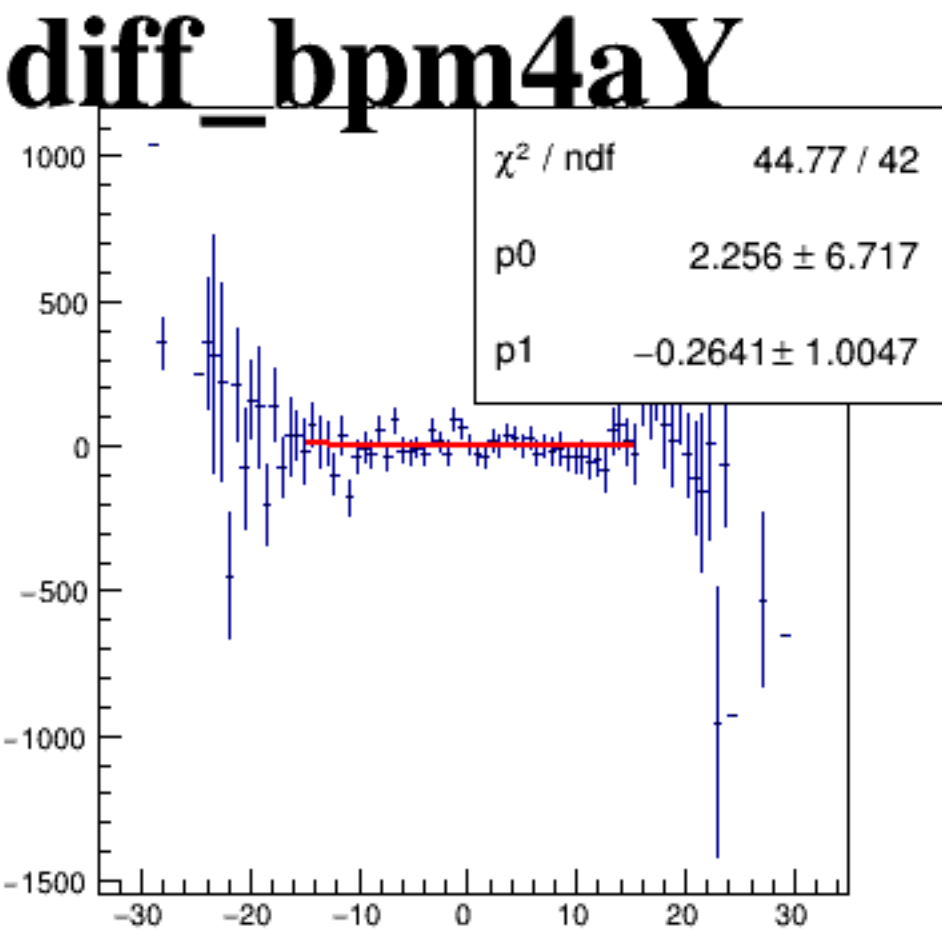
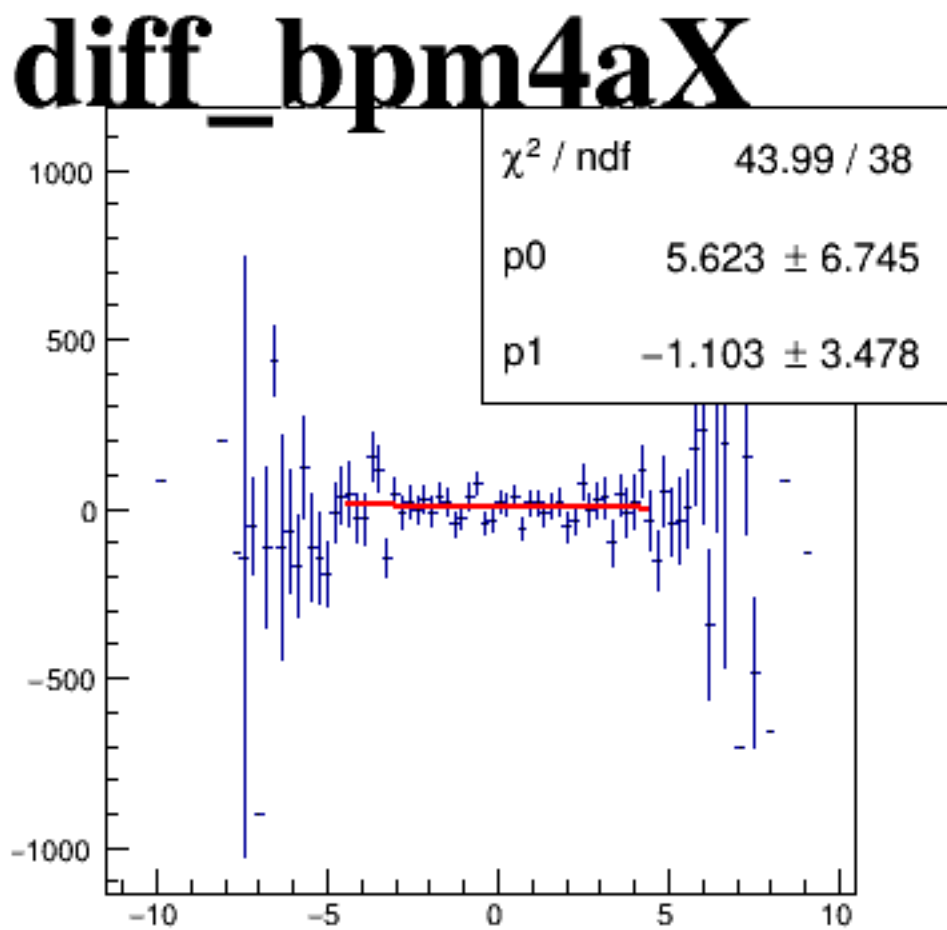
reg_asym_sam2



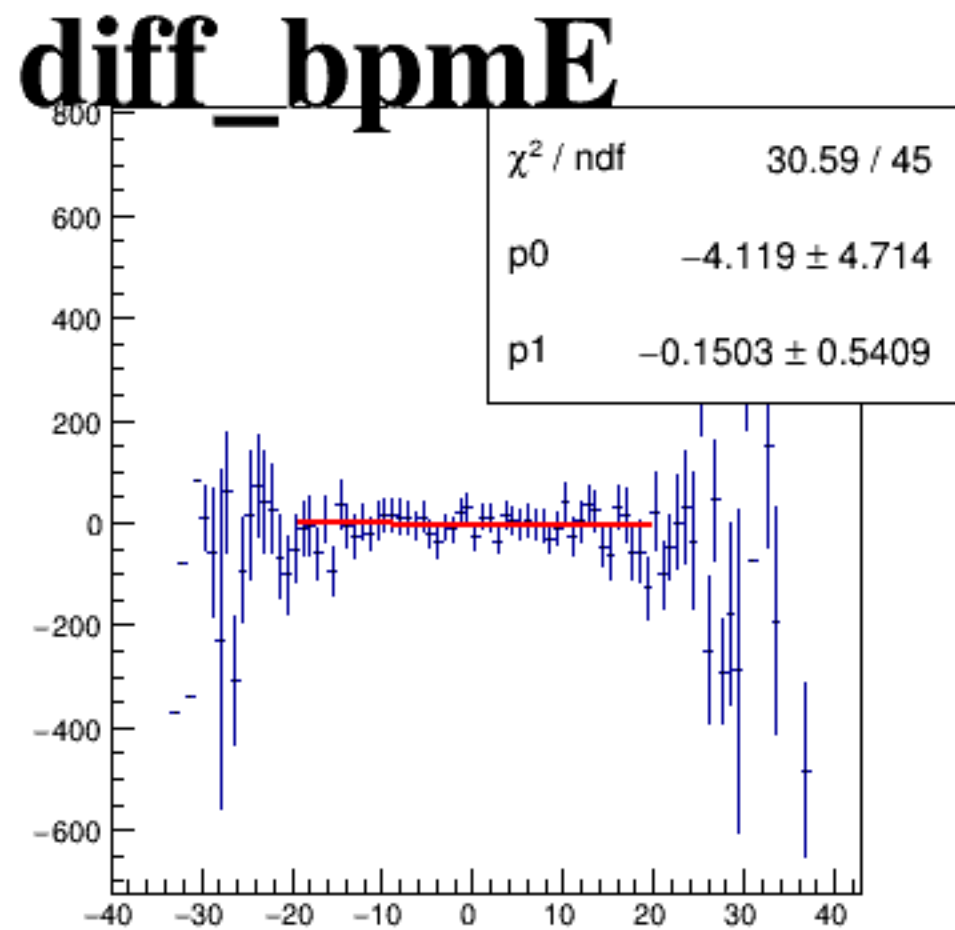
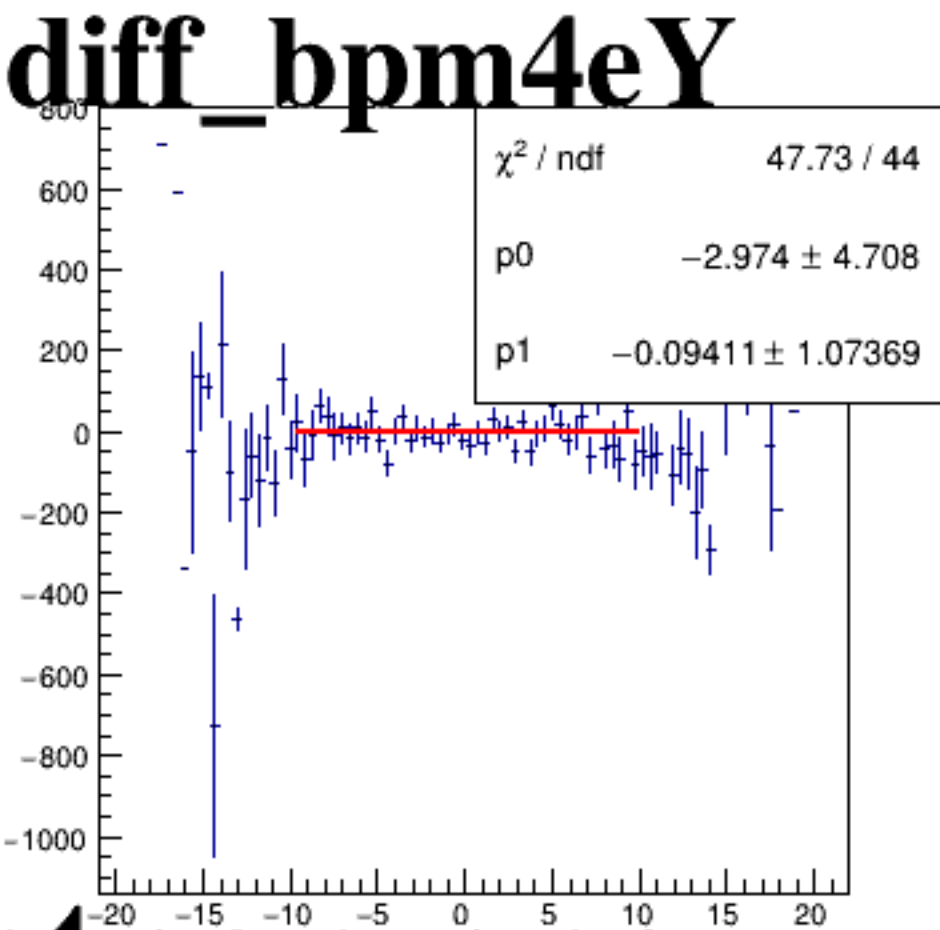
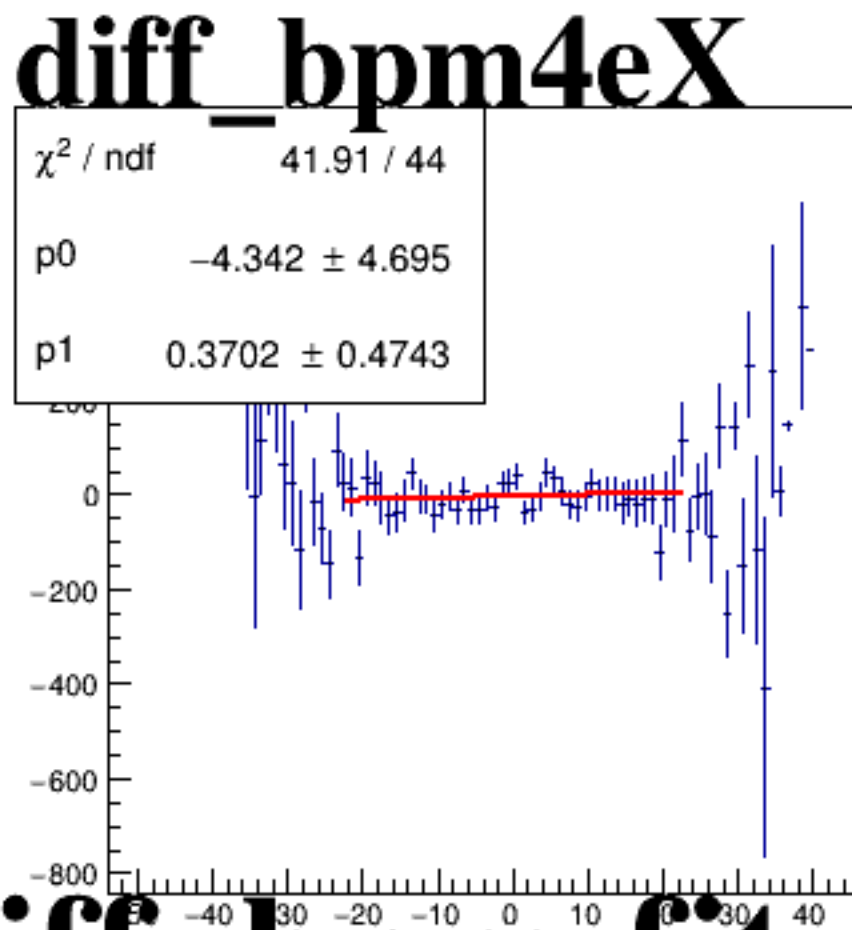
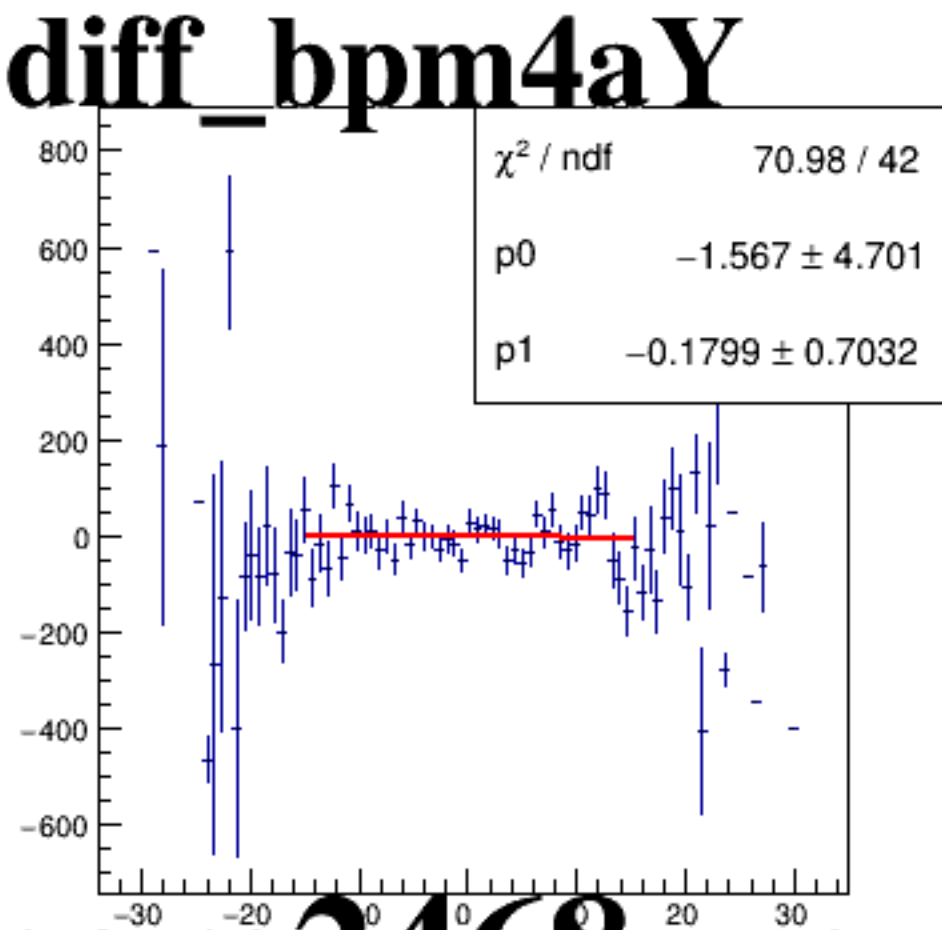
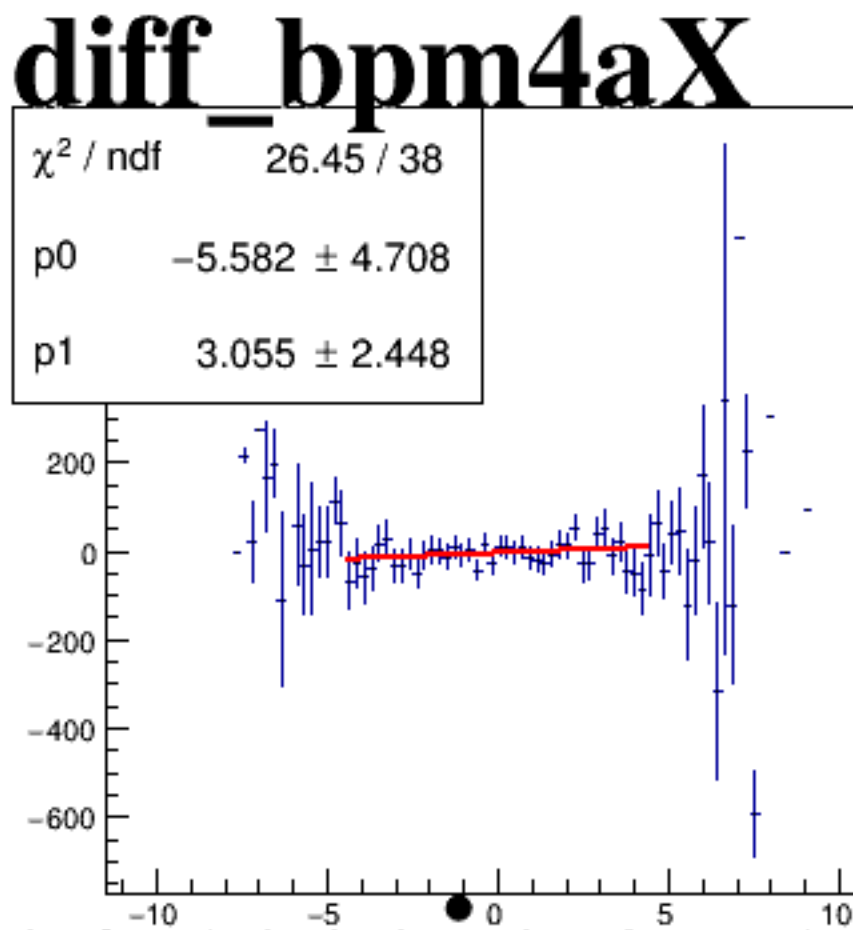
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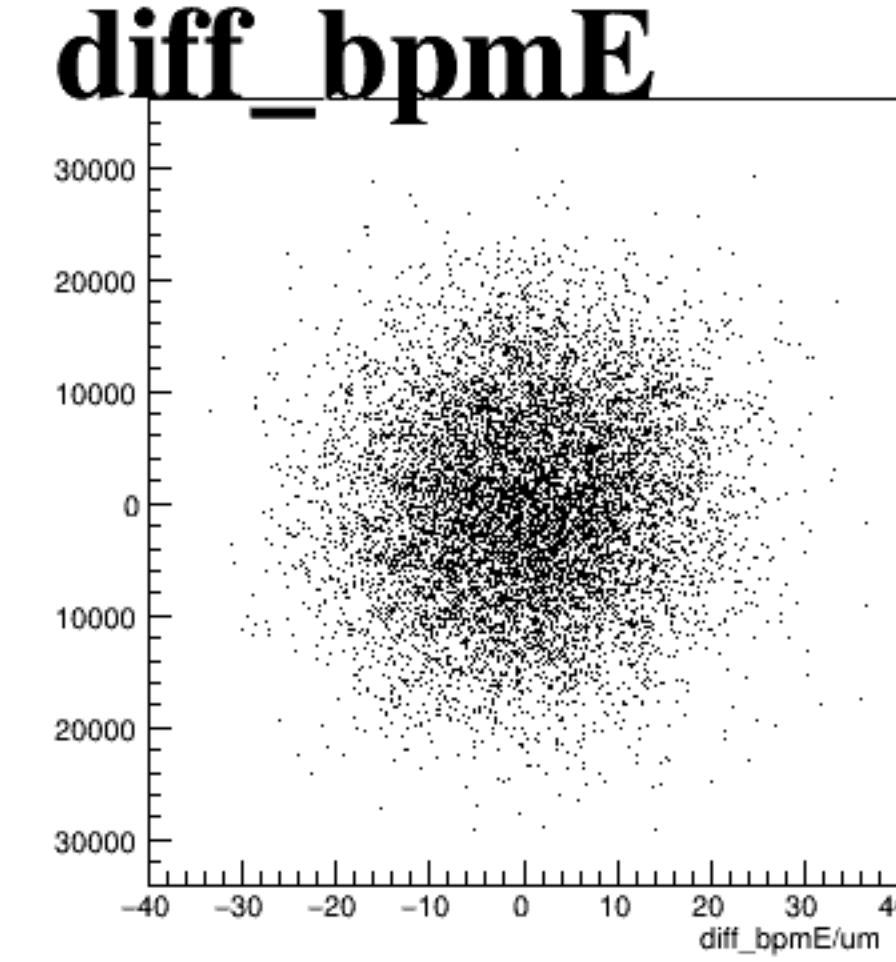
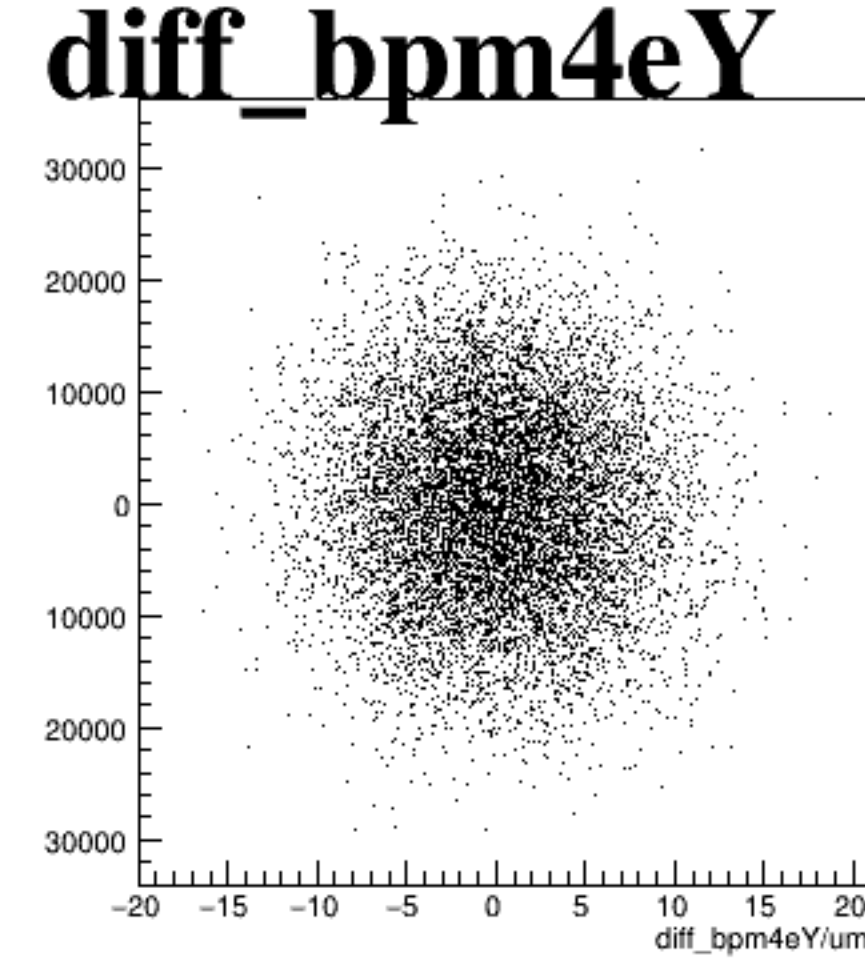
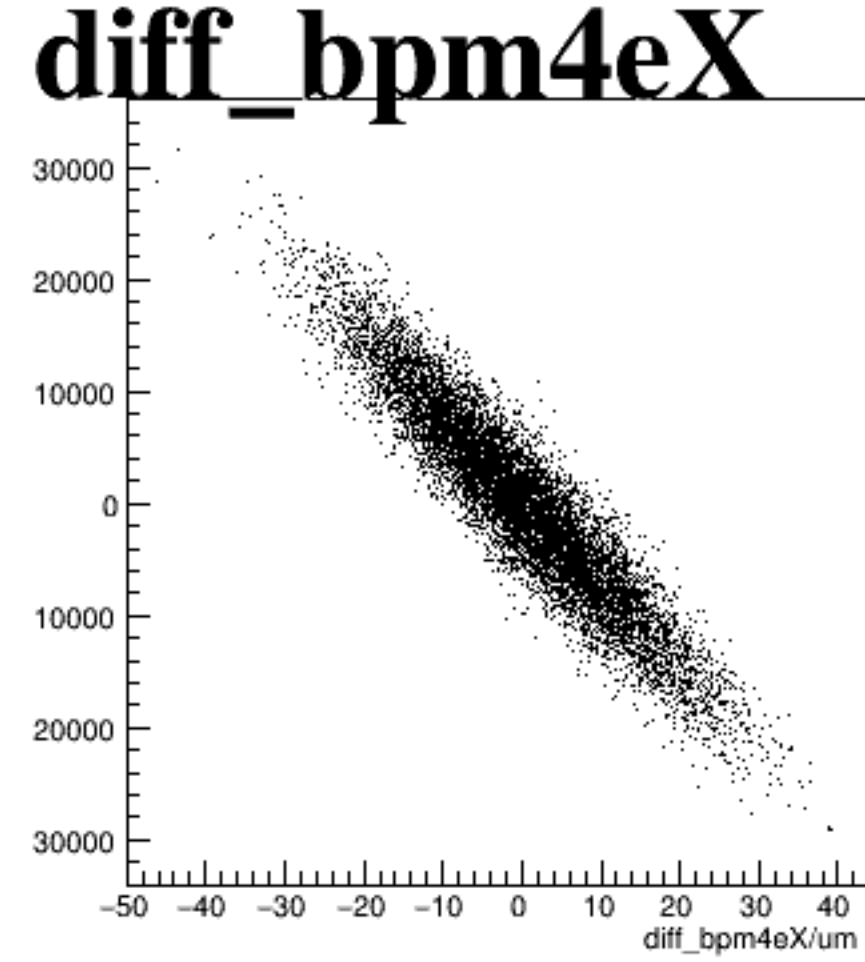
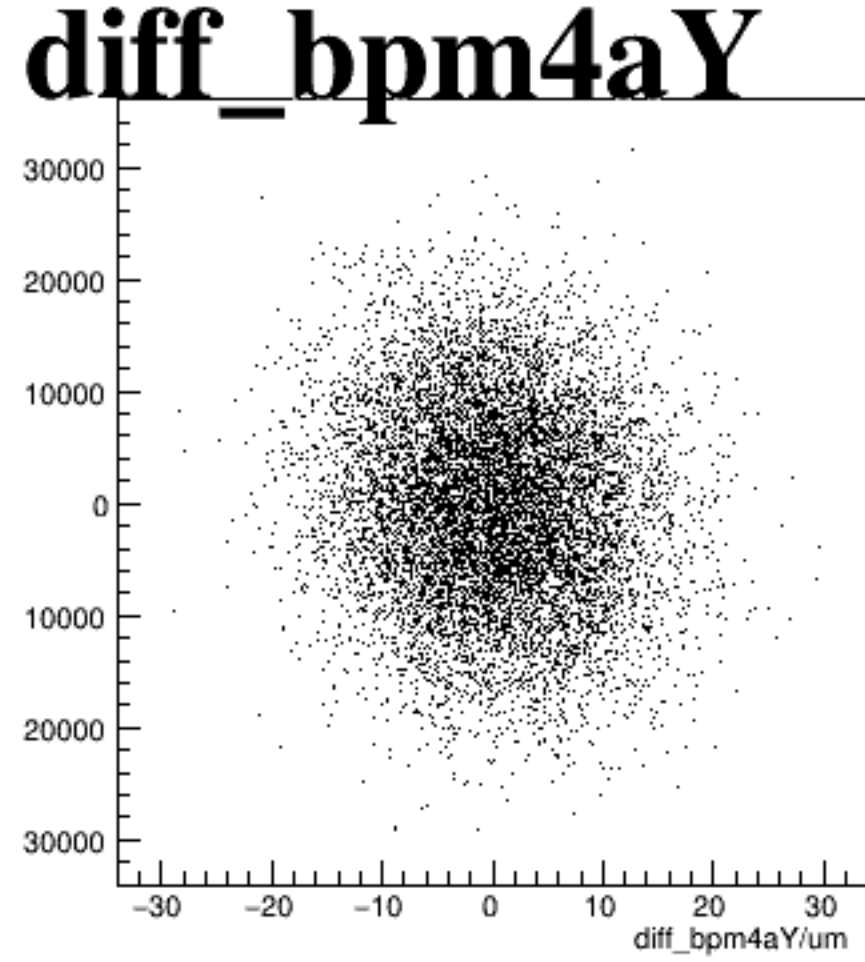
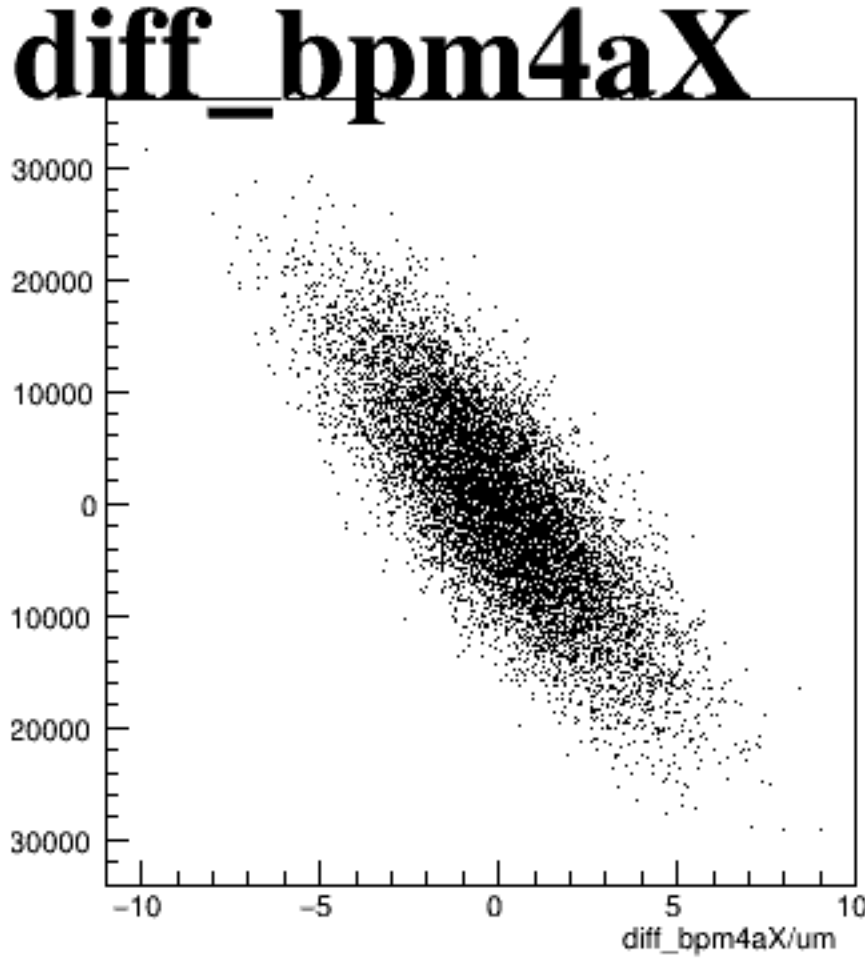
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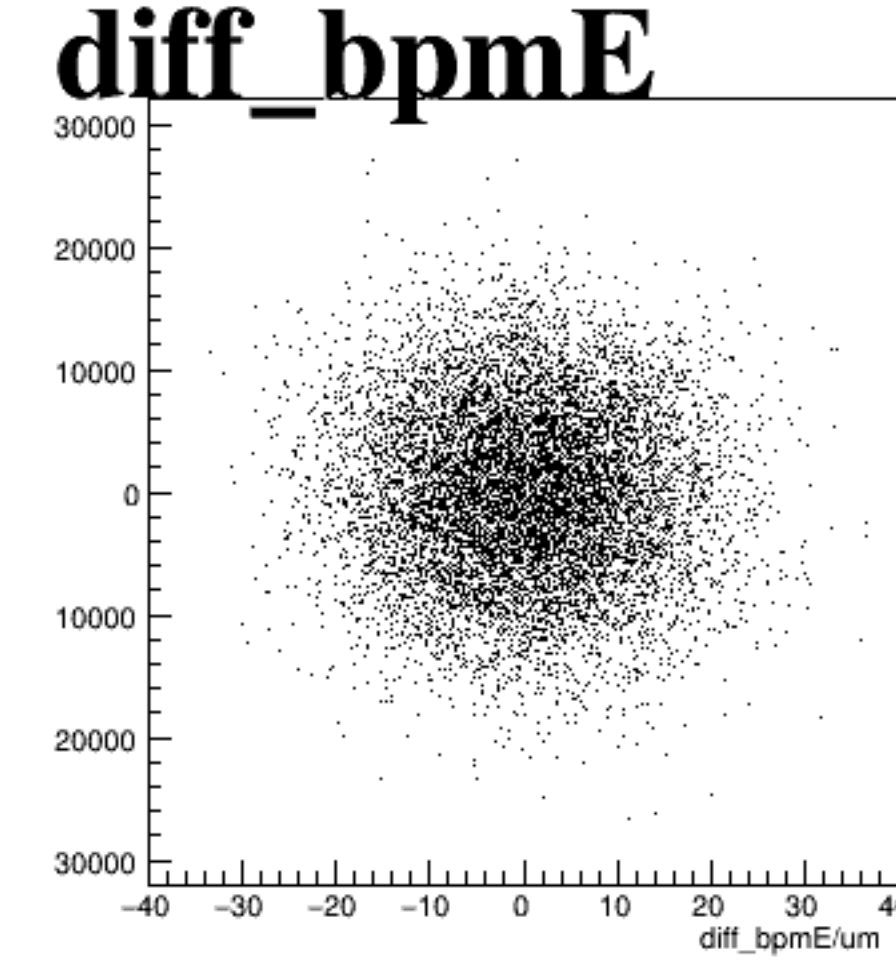
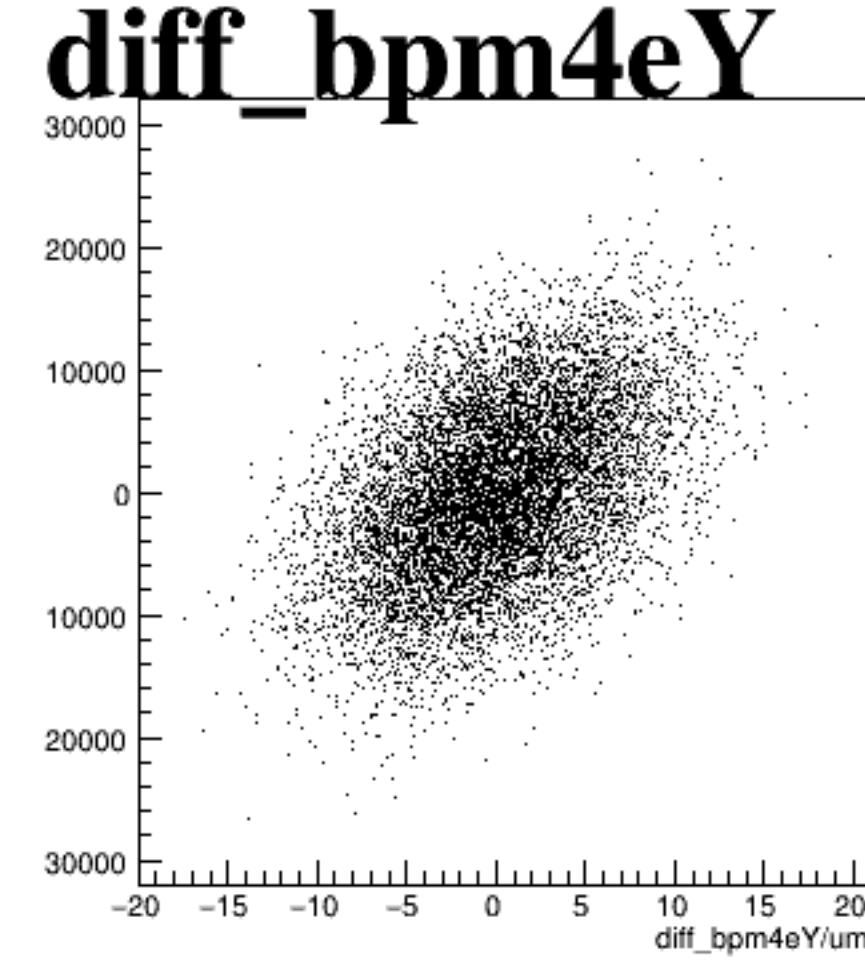
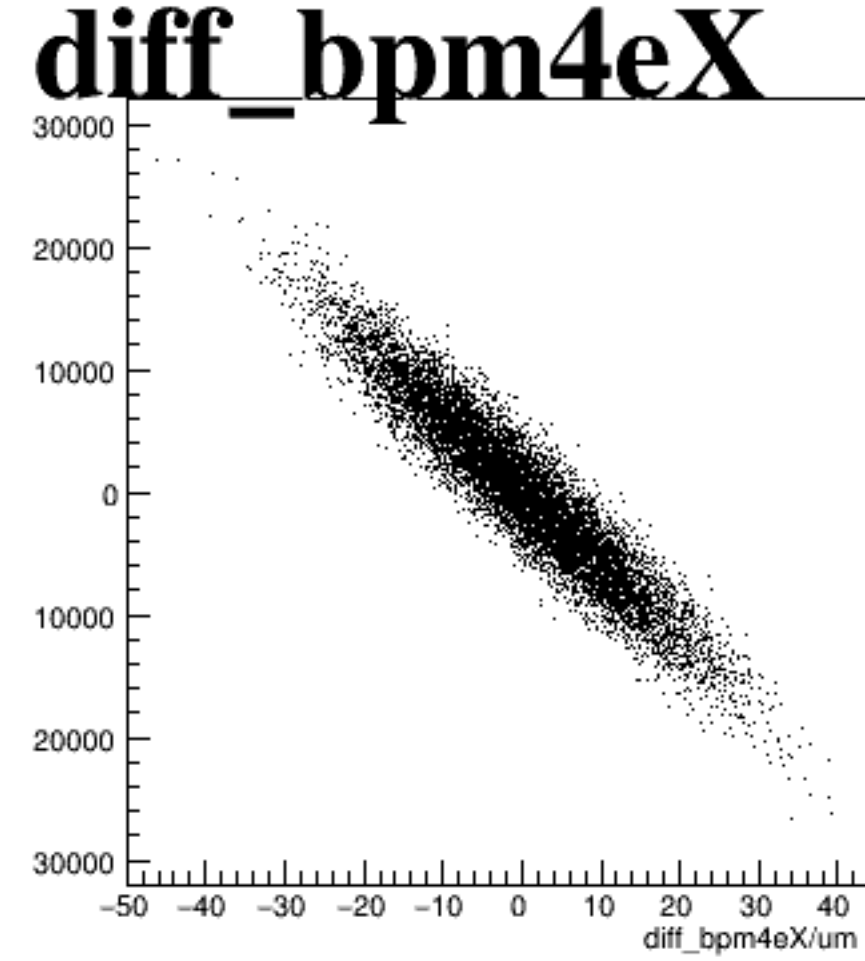
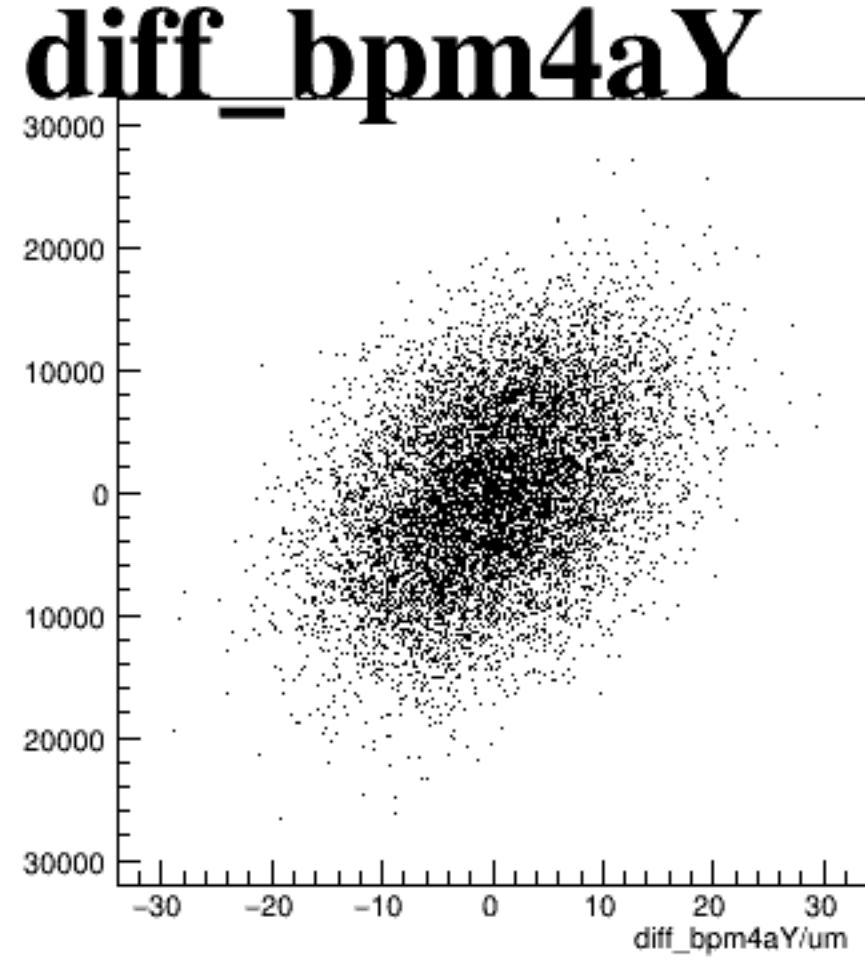
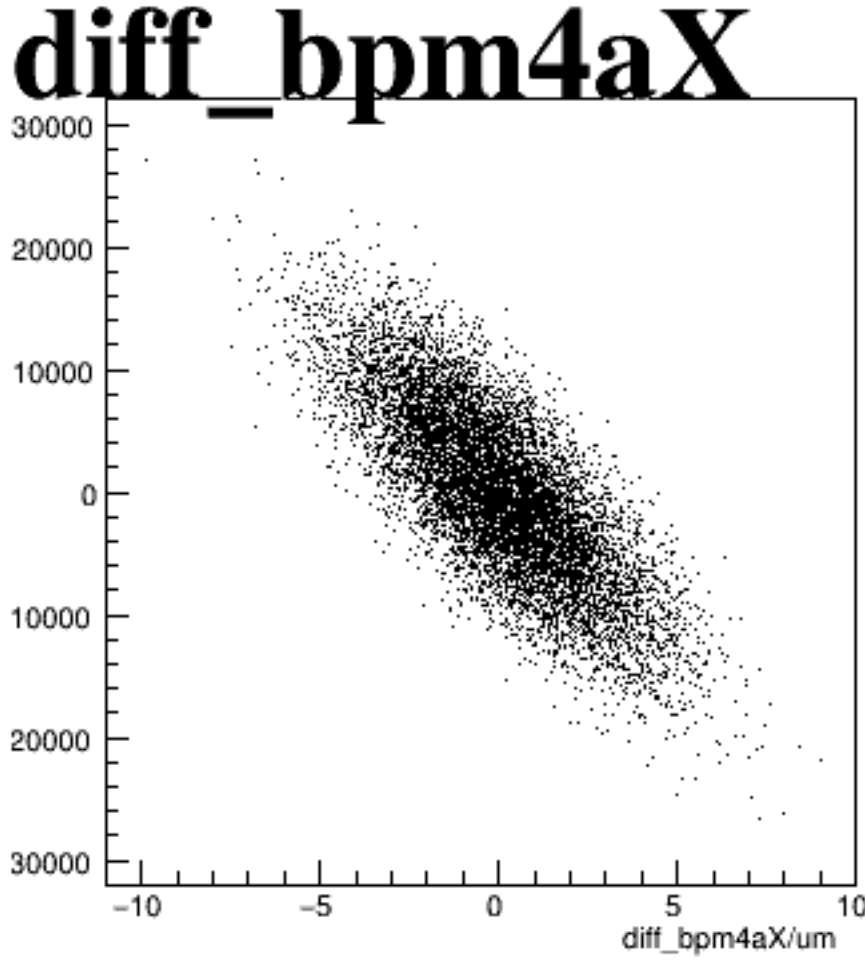
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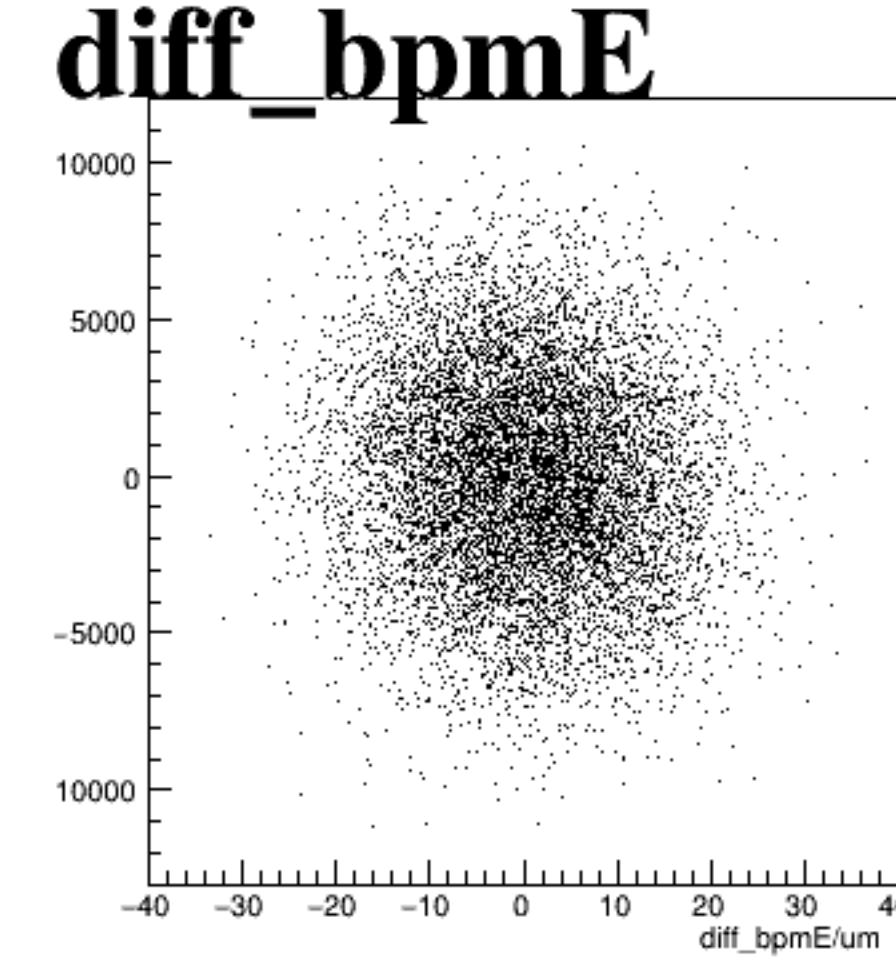
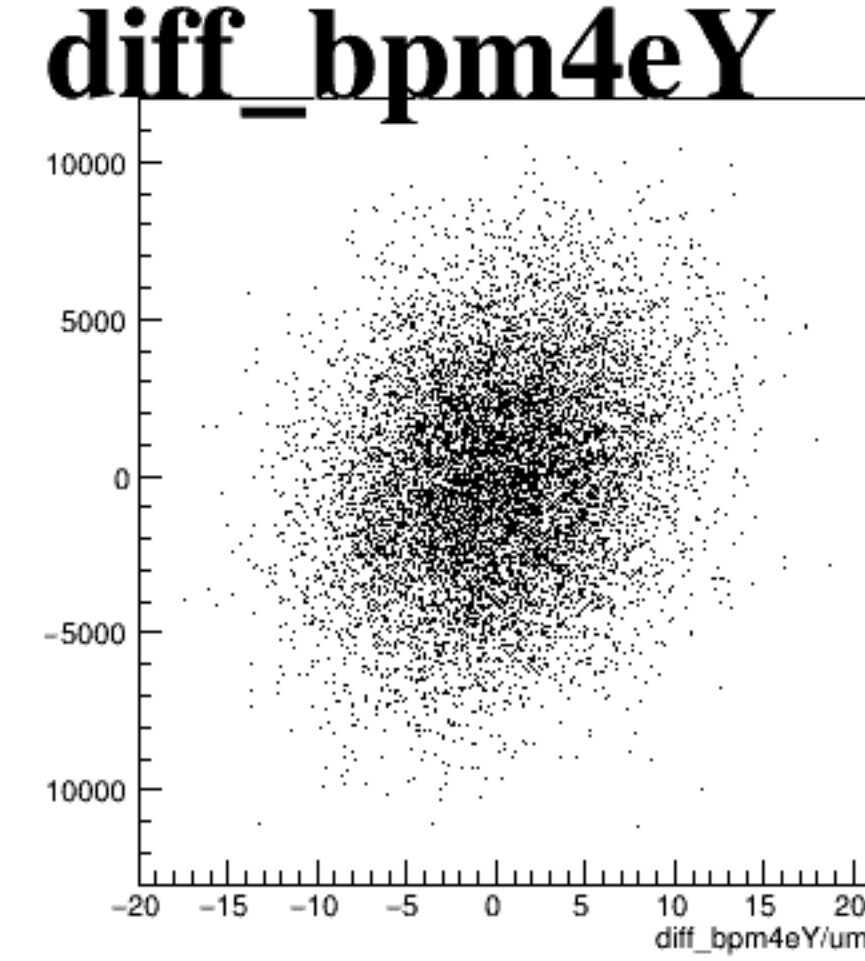
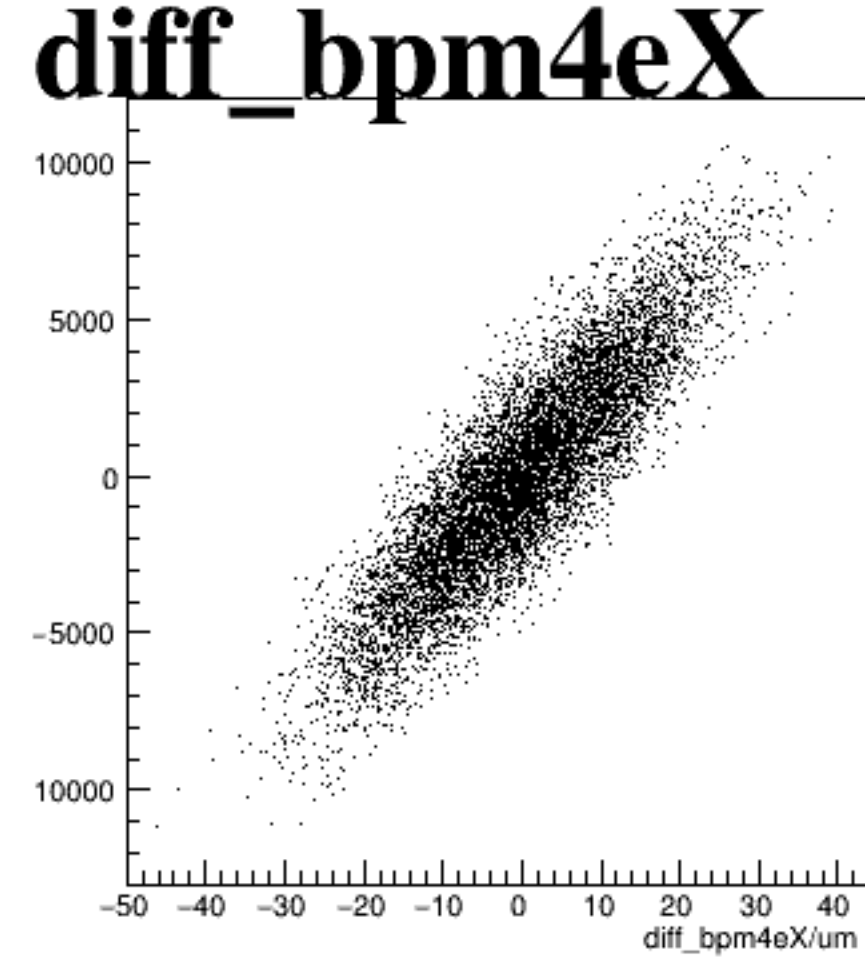
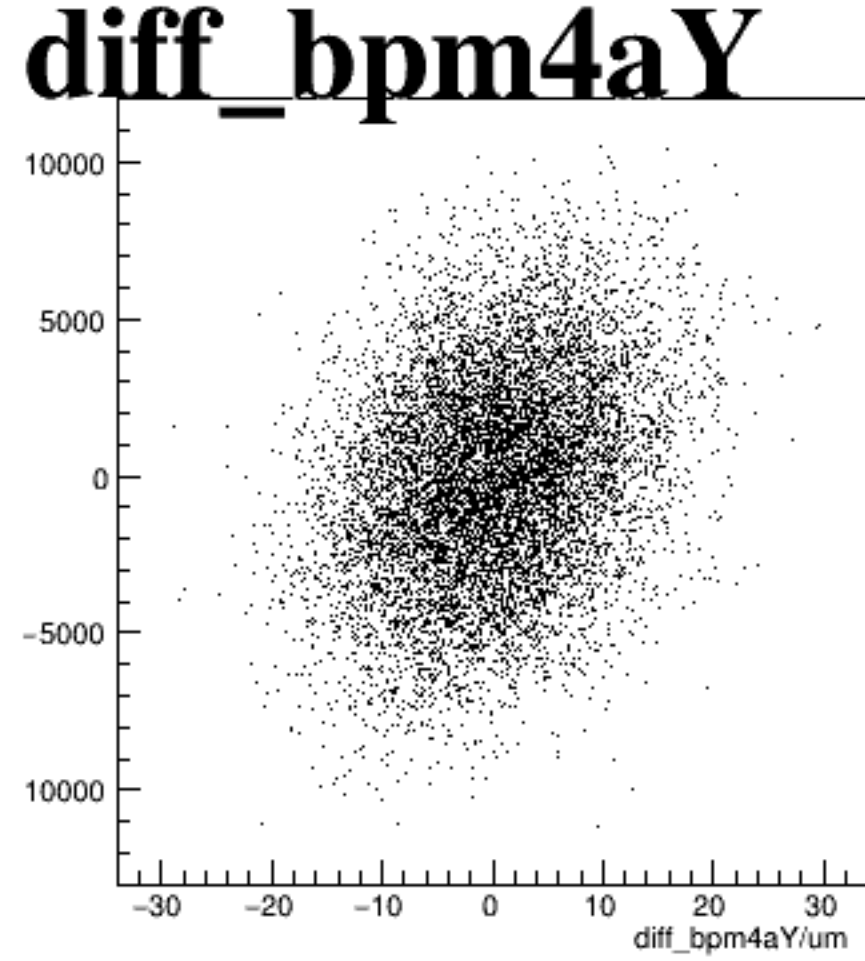
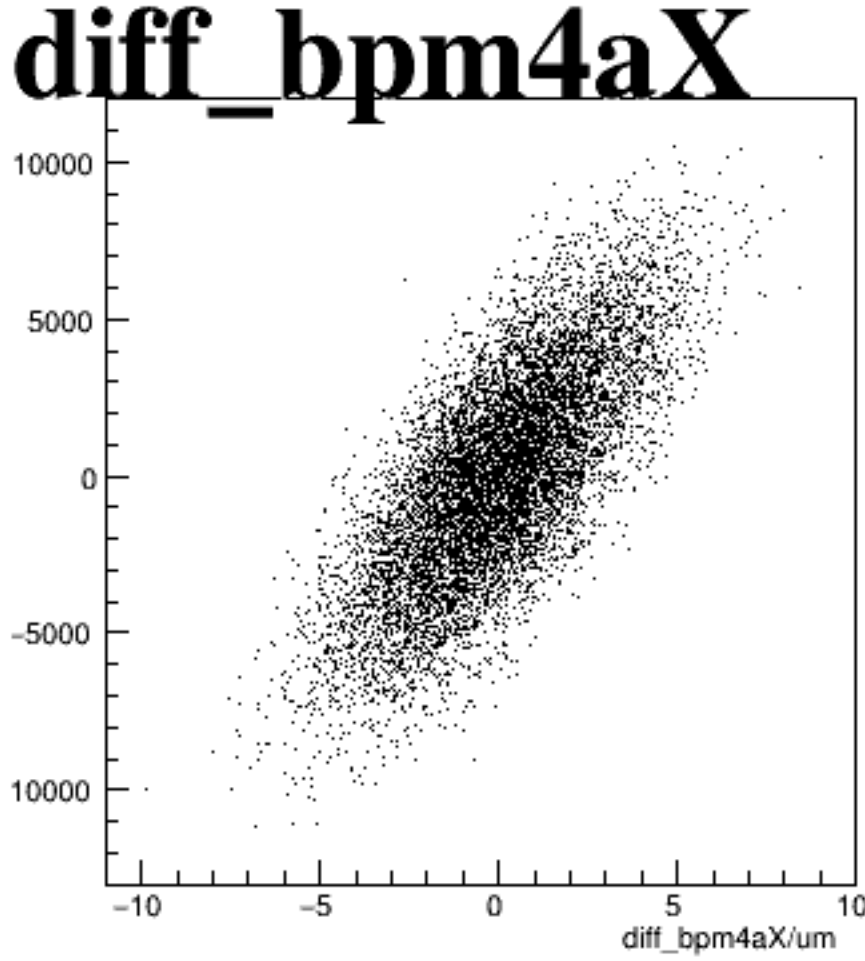
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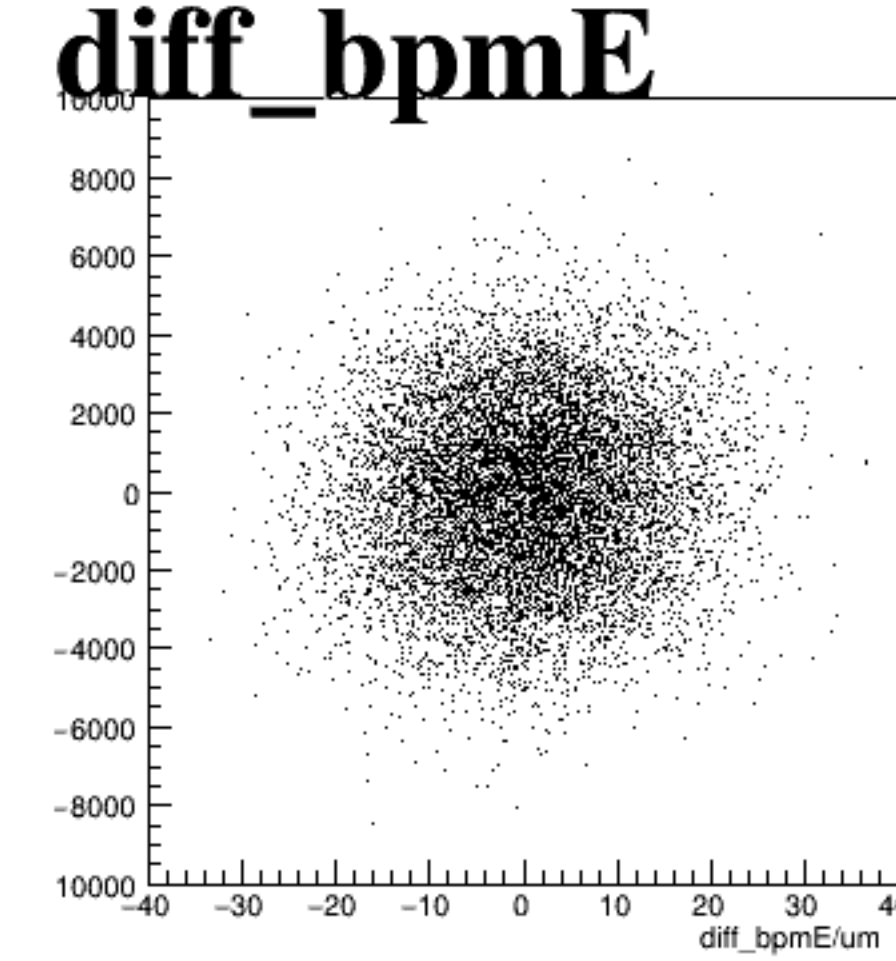
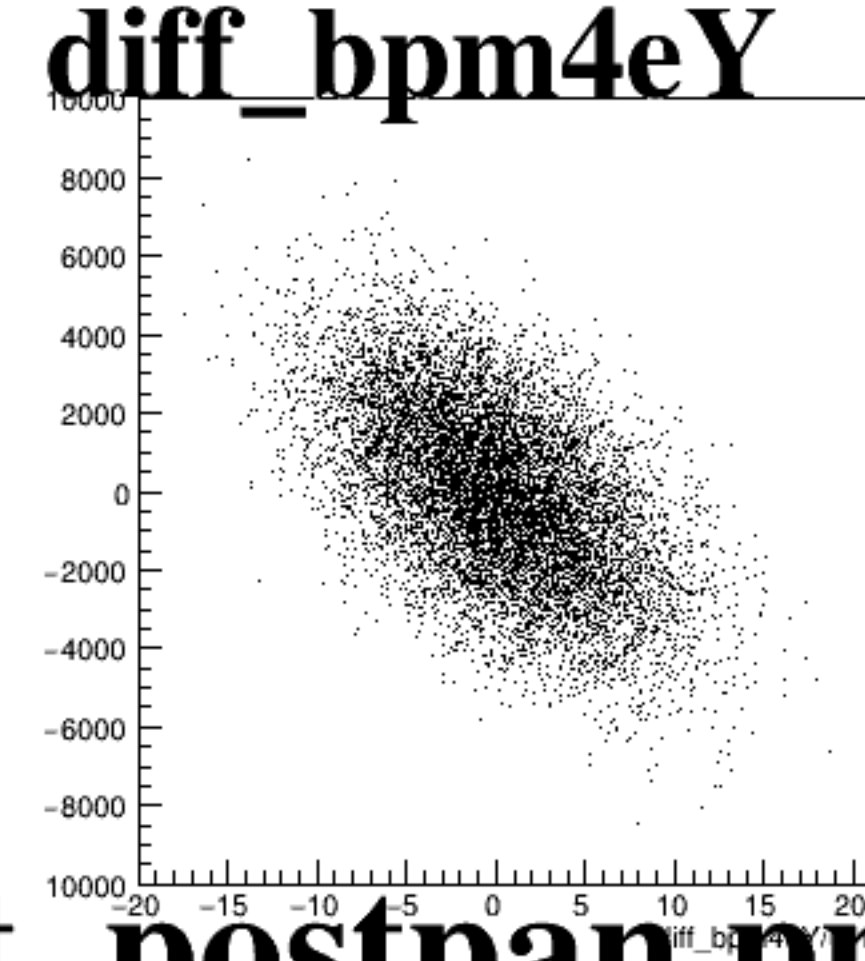
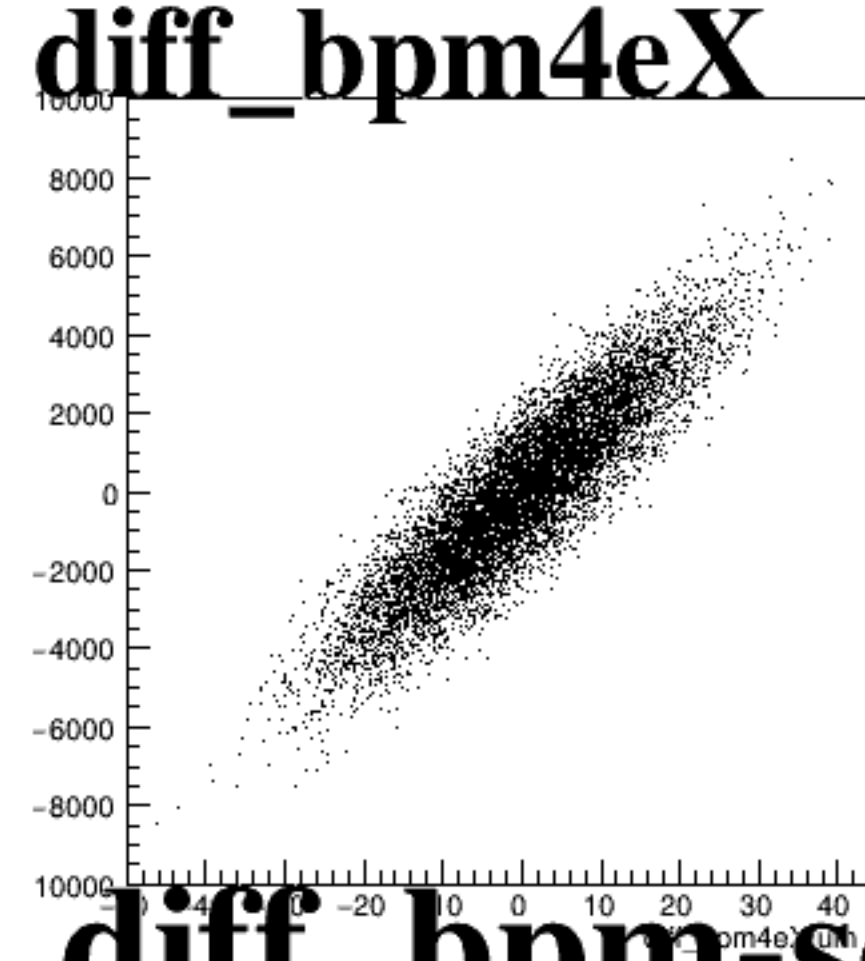
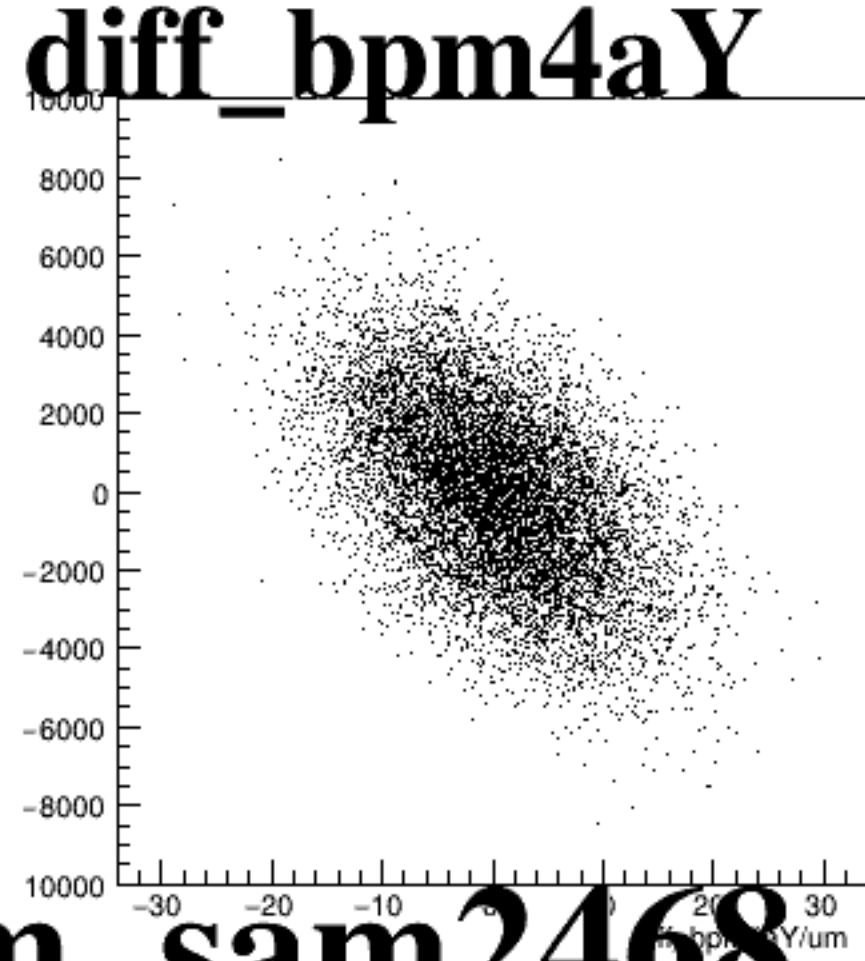
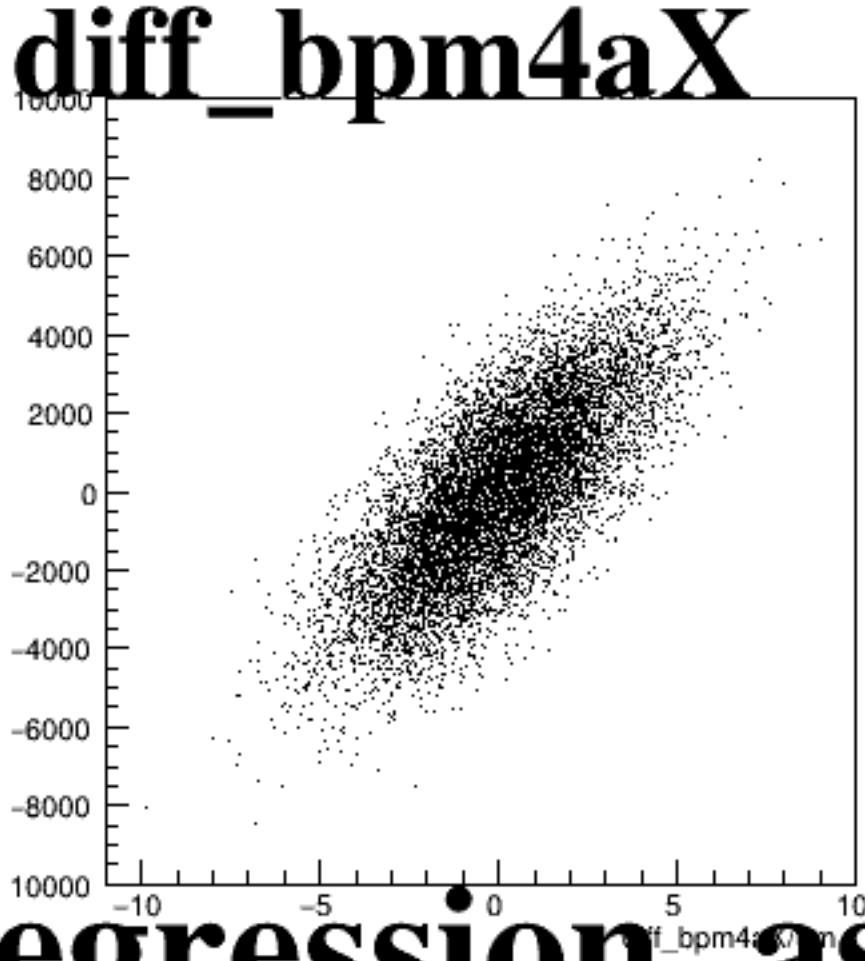
asym_sam4



asym_sam6



asym_sam8

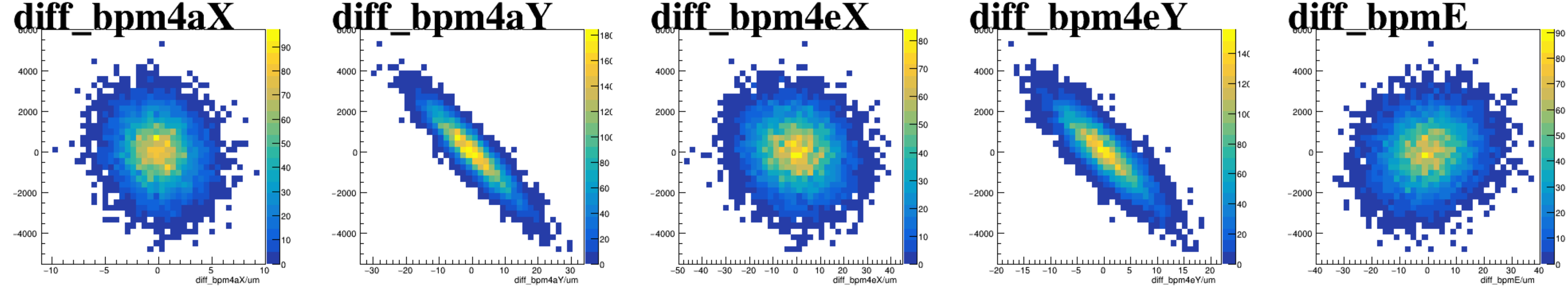


The figure consists of five scatter plots arranged horizontally, each showing the distribution of difference coordinates for a specific BPM. The plots are titled: **diff_bpm4aX**, **diff_bpm4aY**, **diff_bpm4eX**, **diff_bpm4eY**, and **diff_bpmE**. Each plot has a vertical axis ranging from -5000 to 5000 and a horizontal axis with varying ranges. The data points are densely clustered around the origin (0,0), forming a roughly circular cloud. The horizontal axis ranges are approximately: -10 to 10 for diff_bpm4aX, -30 to 30 for diff_bpm4aY, -50 to 40 for diff_bpm4eX, -20 to 20 for diff_bpm4eY, and -40 to 40 for diff_bpmE.

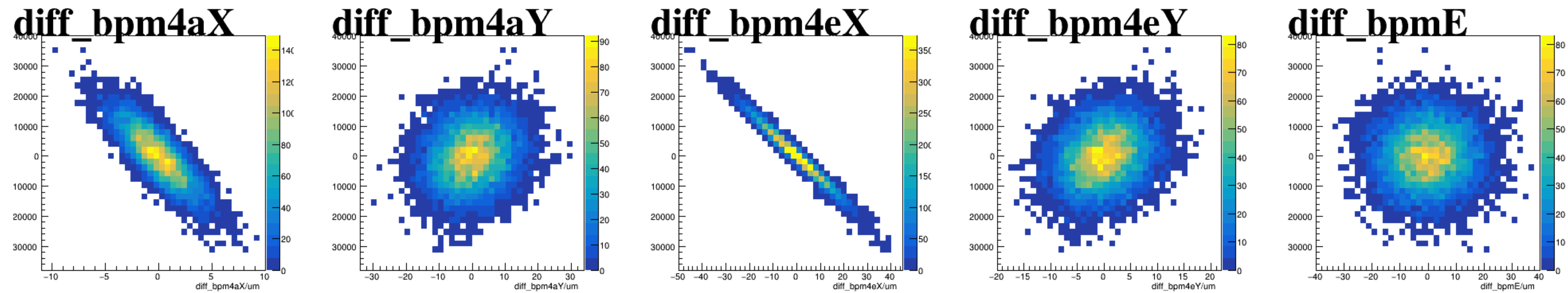
The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for a specific beam position relative to the reference position. The plots are titled **diff_bpm4aX**, **diff_bpm4aY**, **diff_bpm4eX**, **diff_bpm4eY**, and **diff_bpmE**. Each plot has a y-axis ranging from -2000 to 2000 and an x-axis ranging from -10 to 10, -30 to 30, -50 to 40, -20 to 20, and -40 to 40, respectively. The data points are densely clustered around the origin (0,0) in each plot, indicating that the differences are small and randomly distributed.

run3607_000_regression_reg_sam2468_vs_diff_bpm-scat_postpan.png

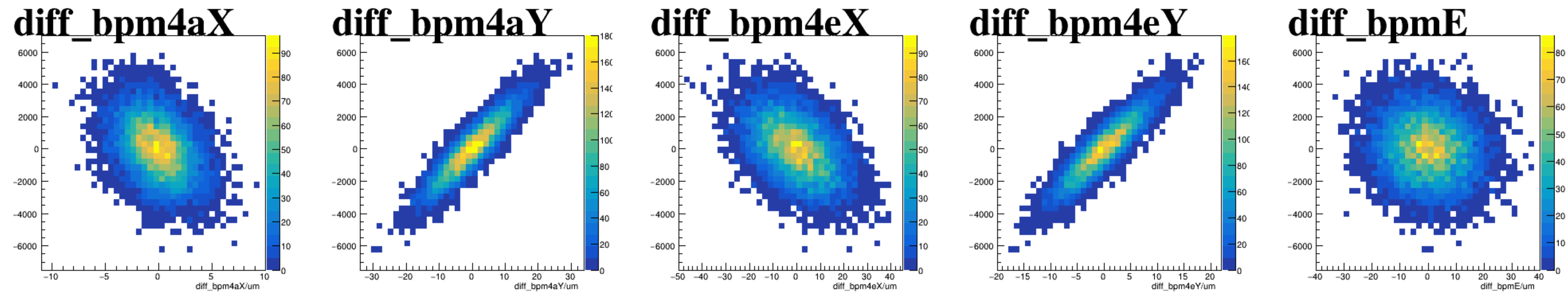
asym_sam1



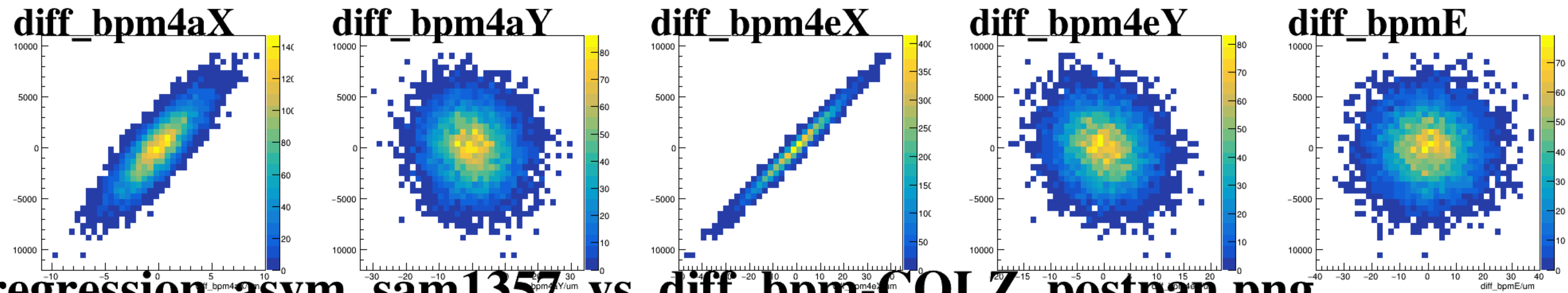
asym_sam3



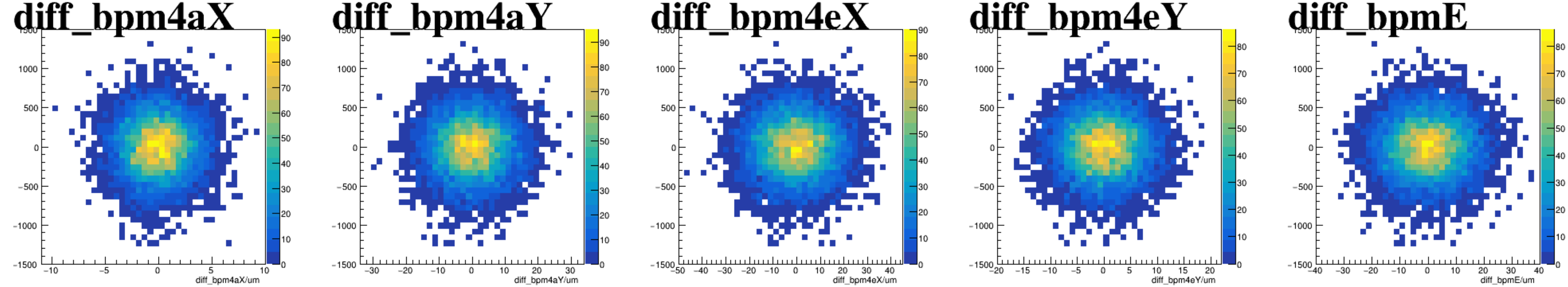
asym_sam5



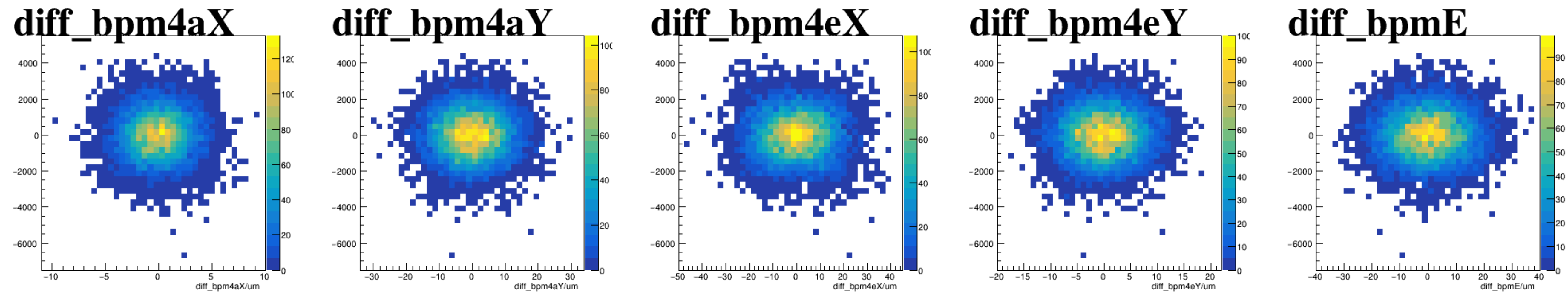
asym_sam7



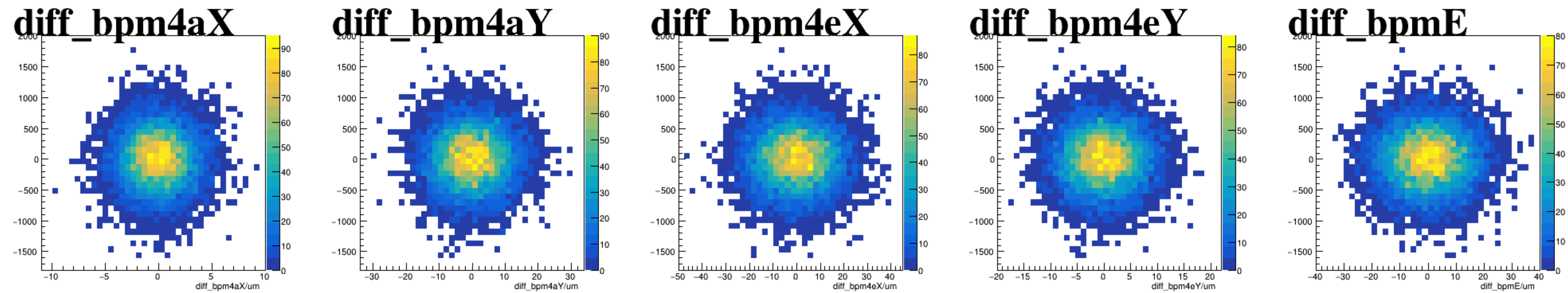
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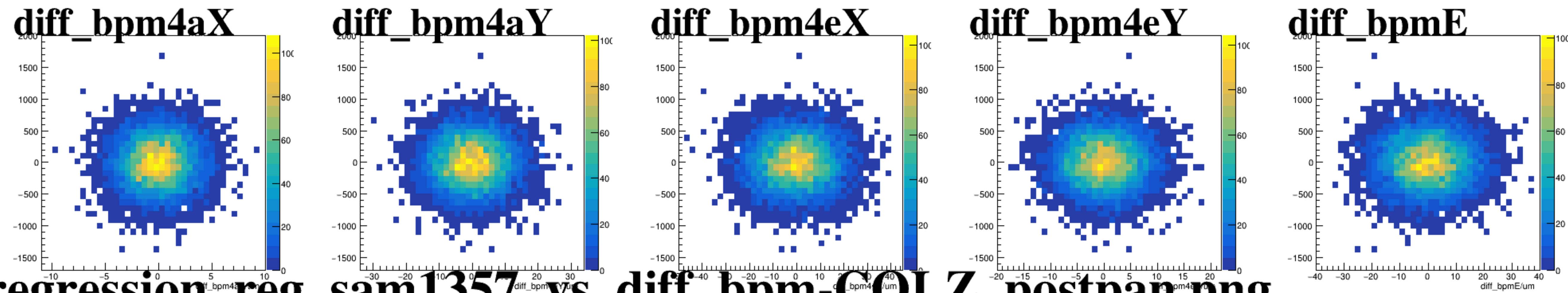
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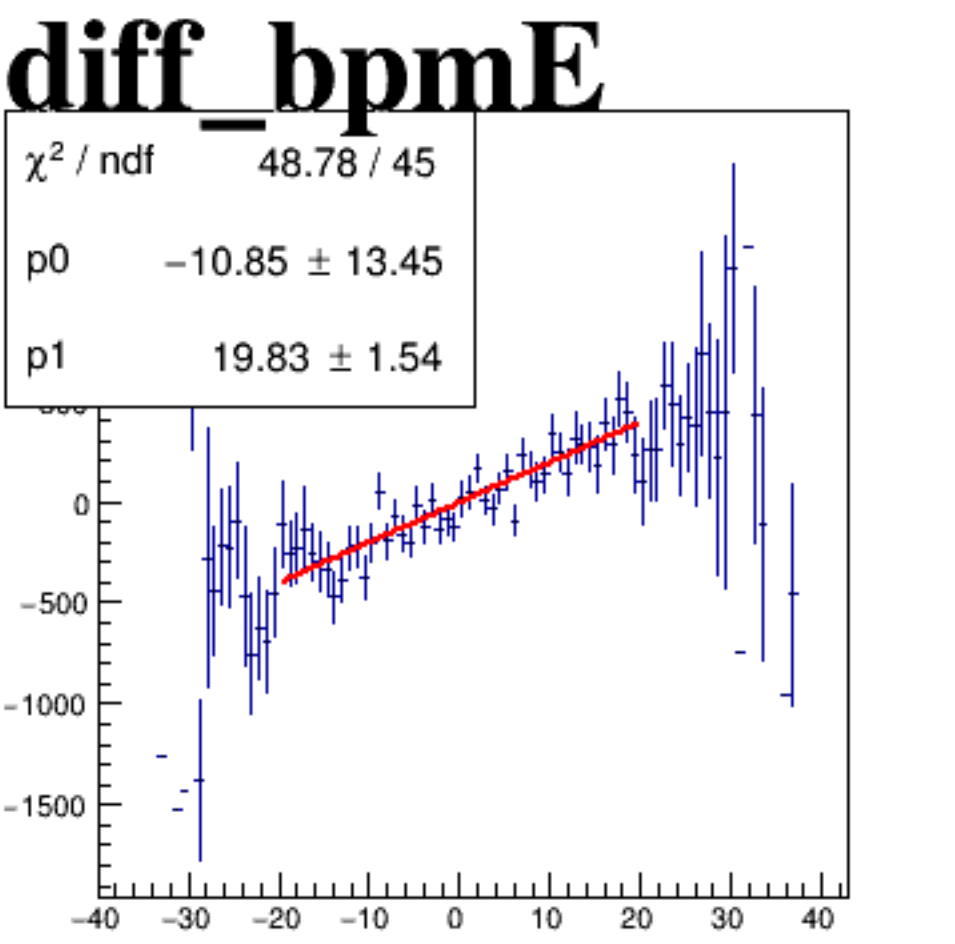
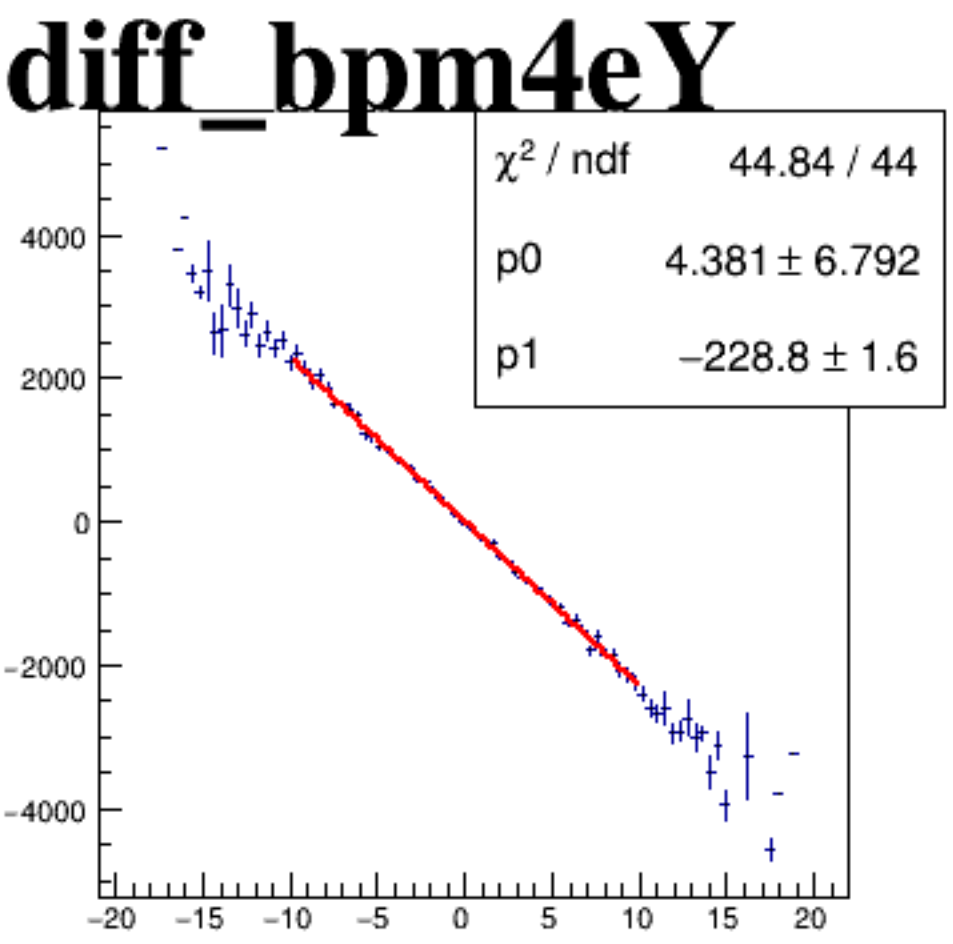
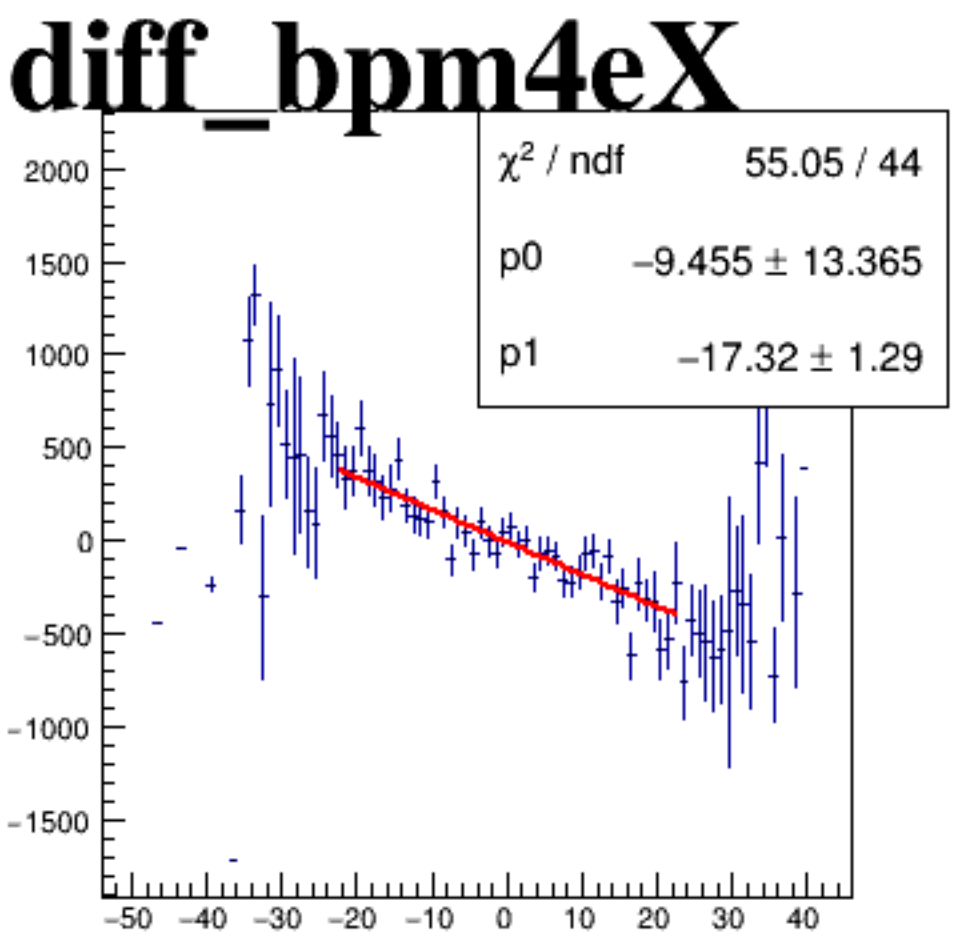
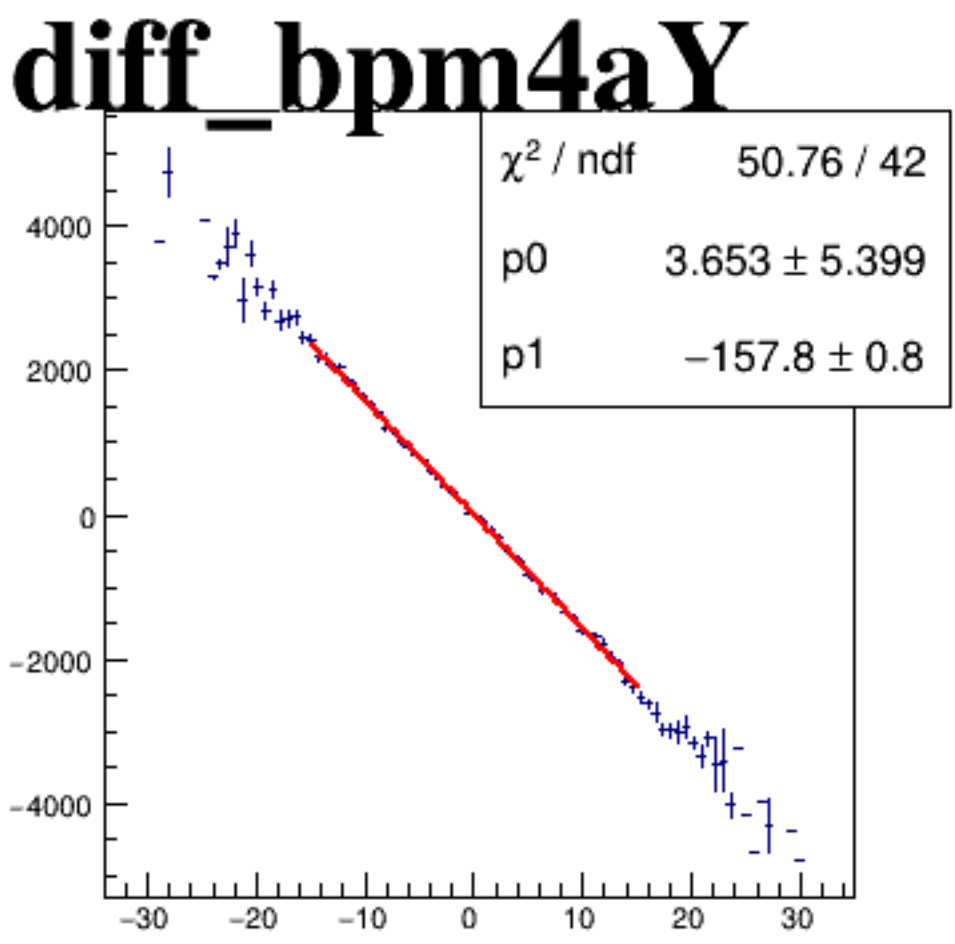
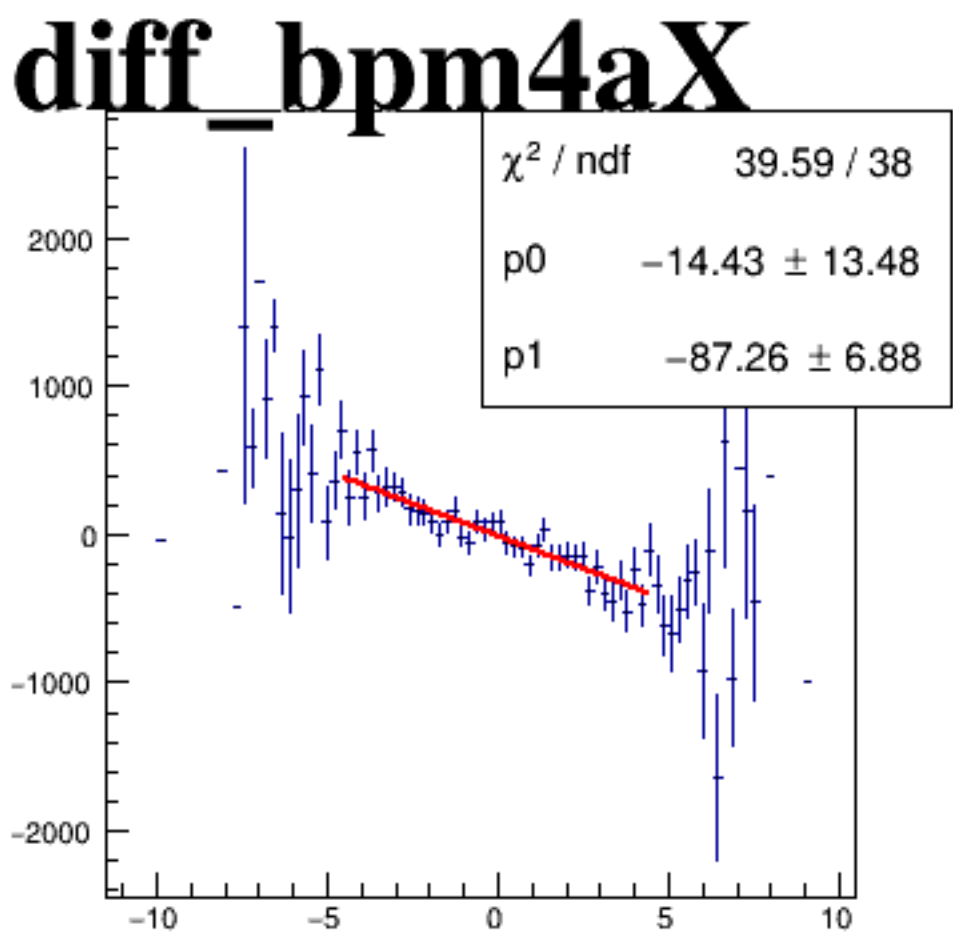
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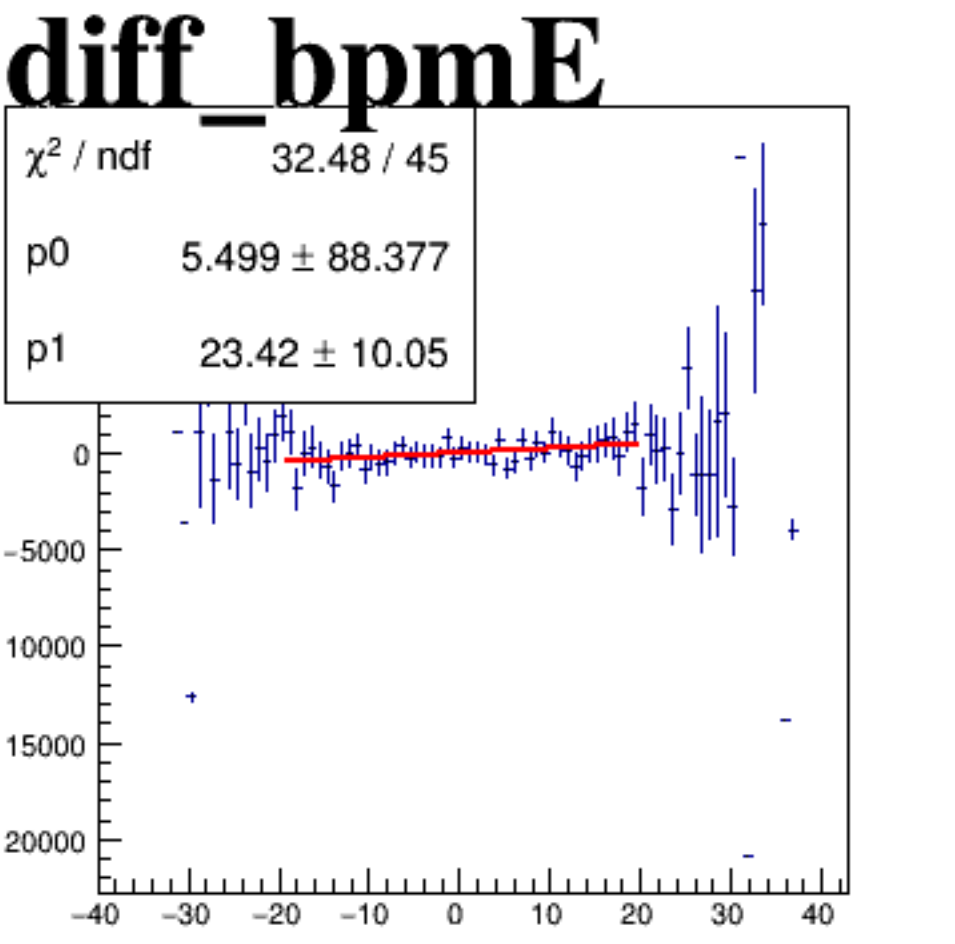
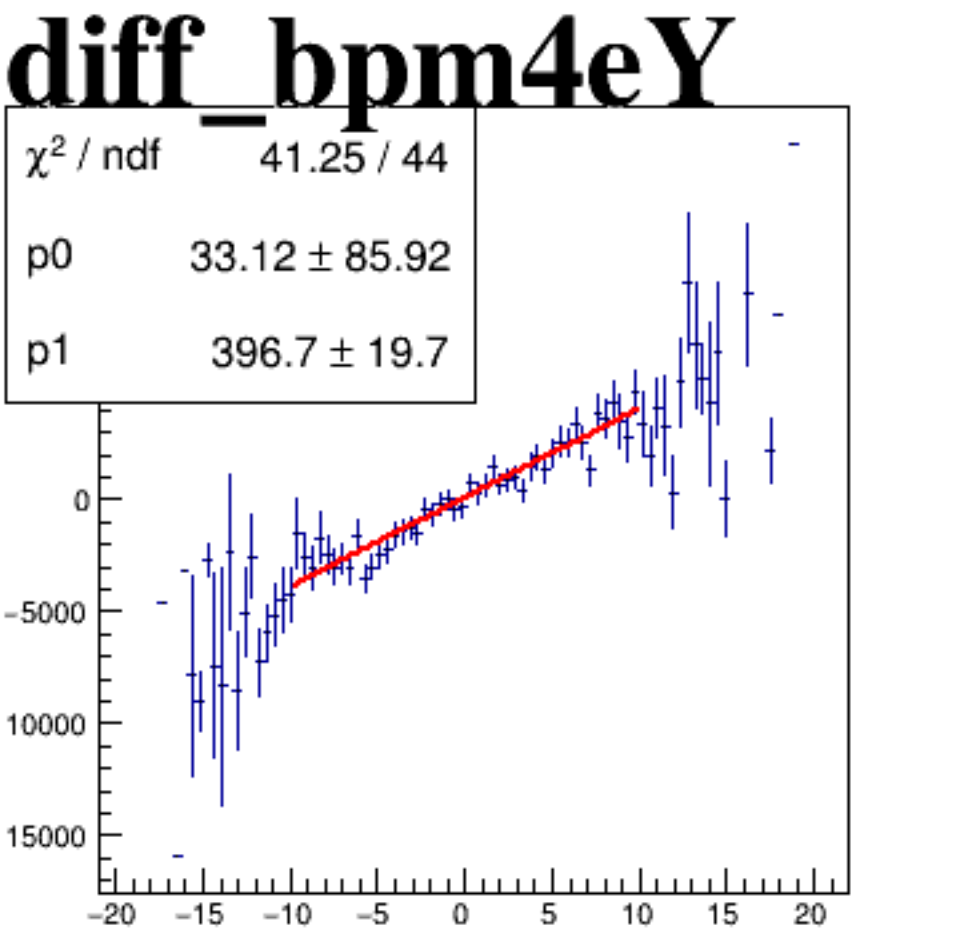
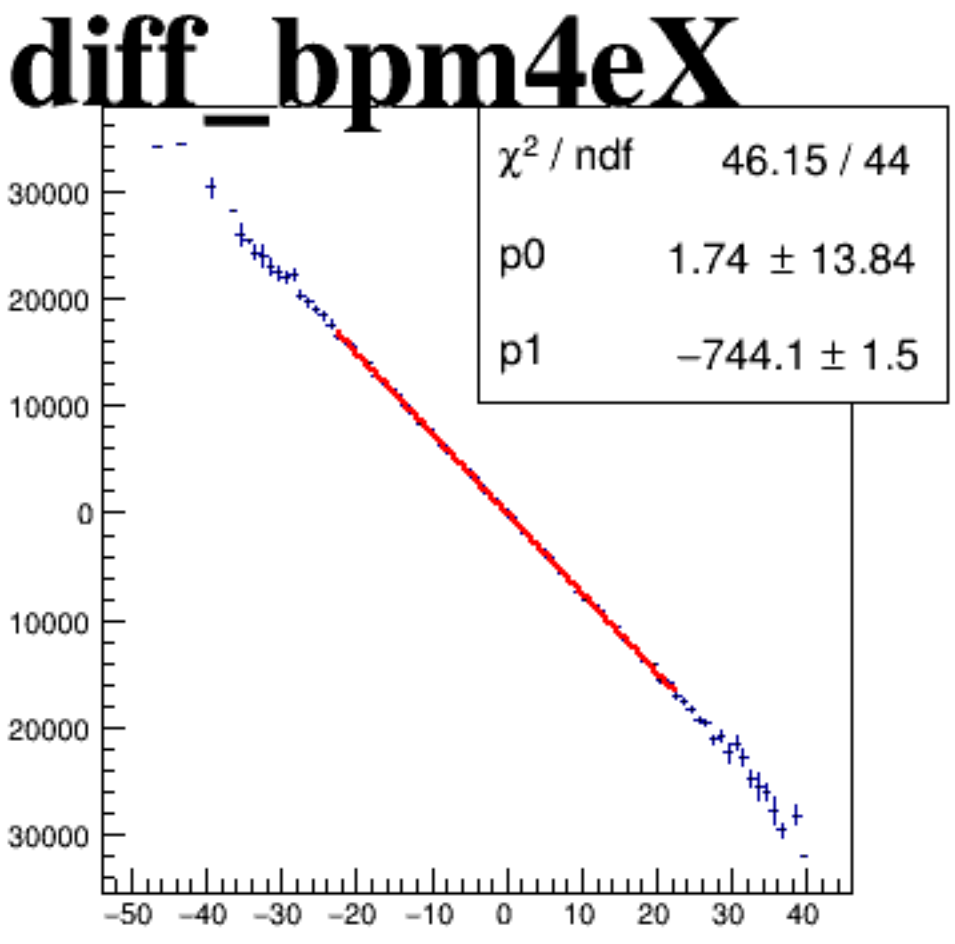
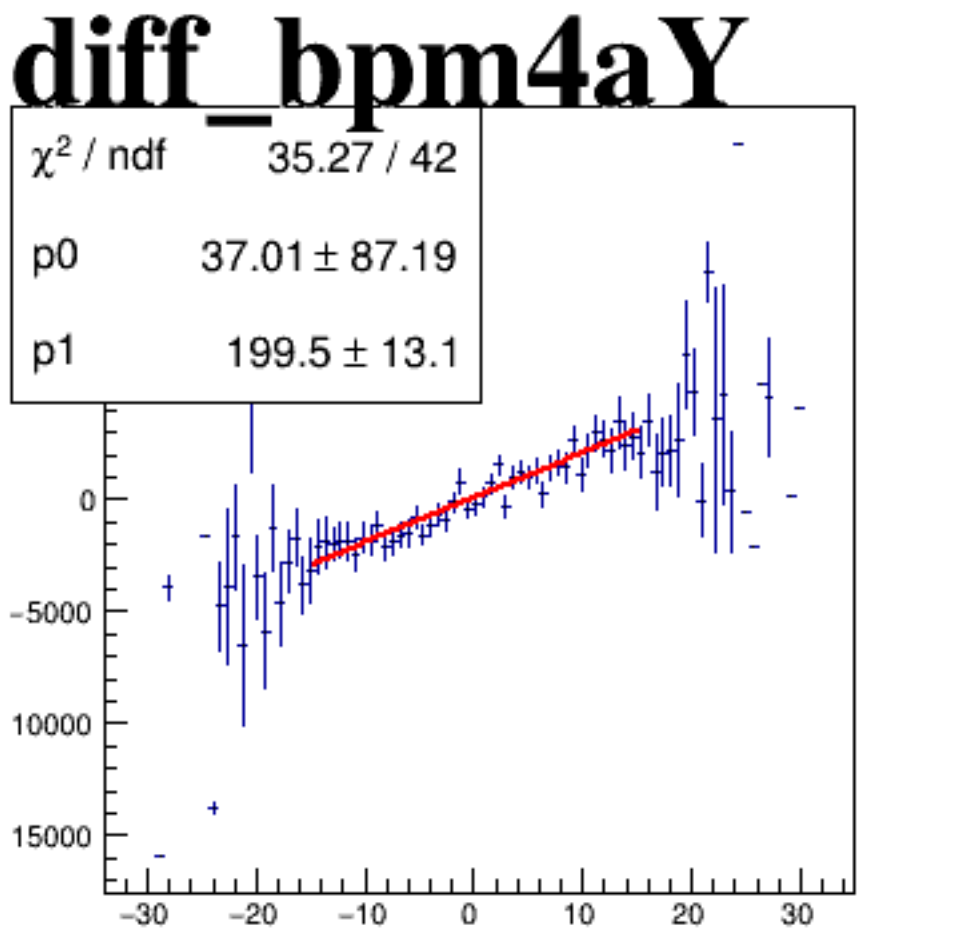
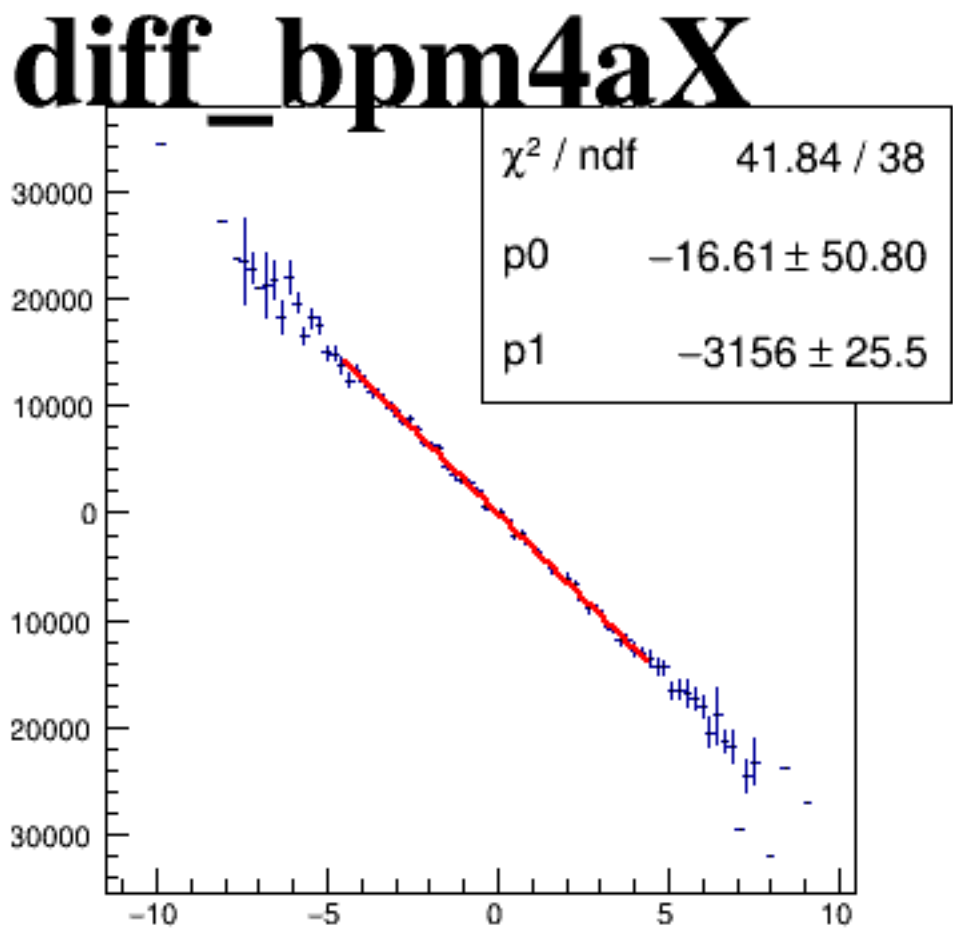
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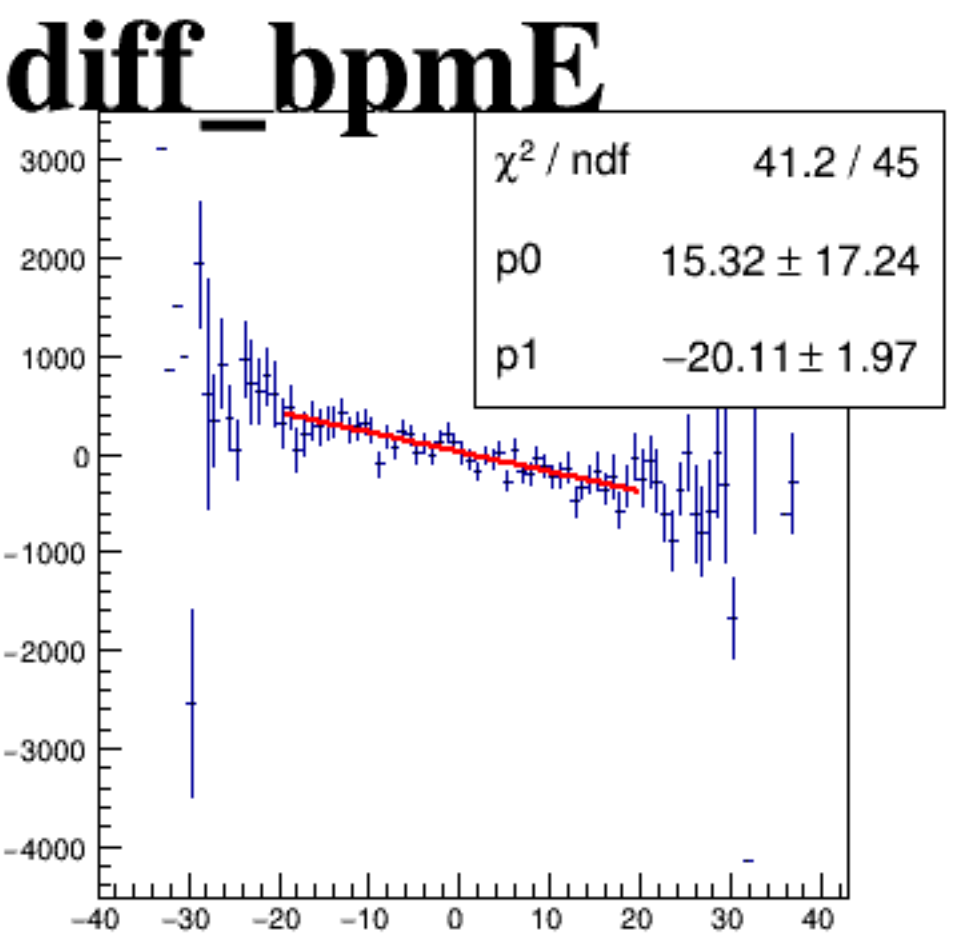
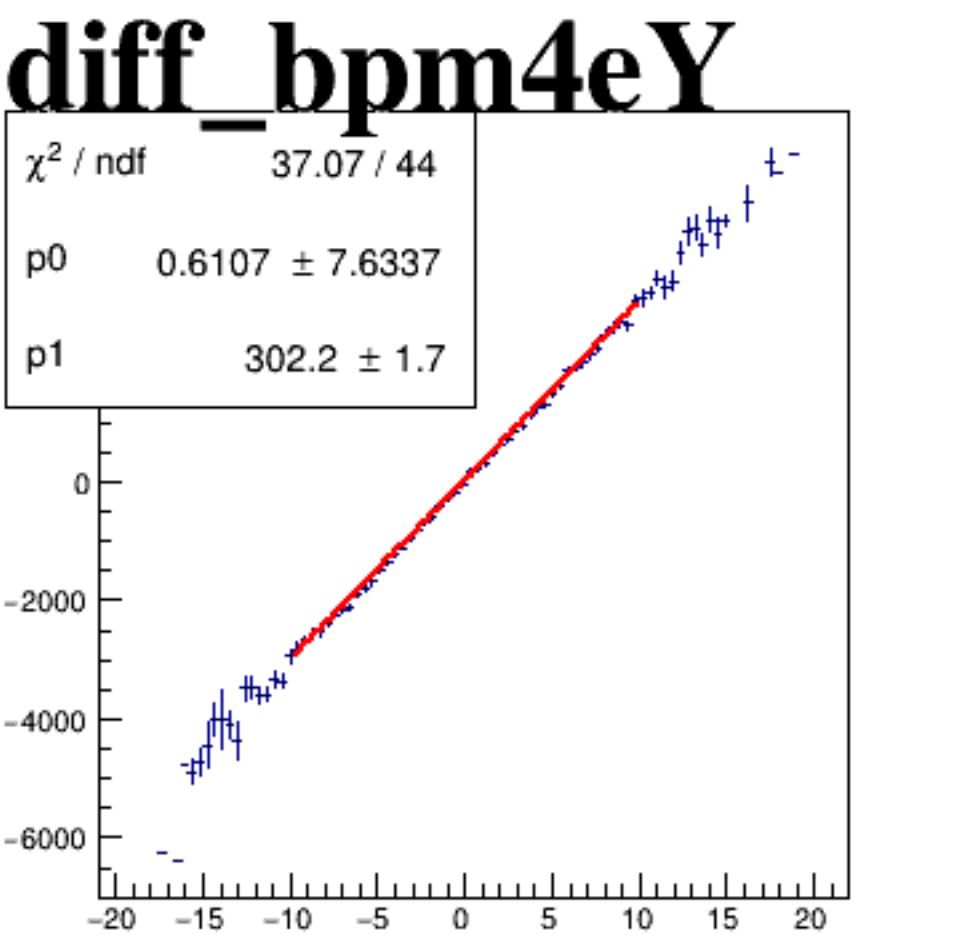
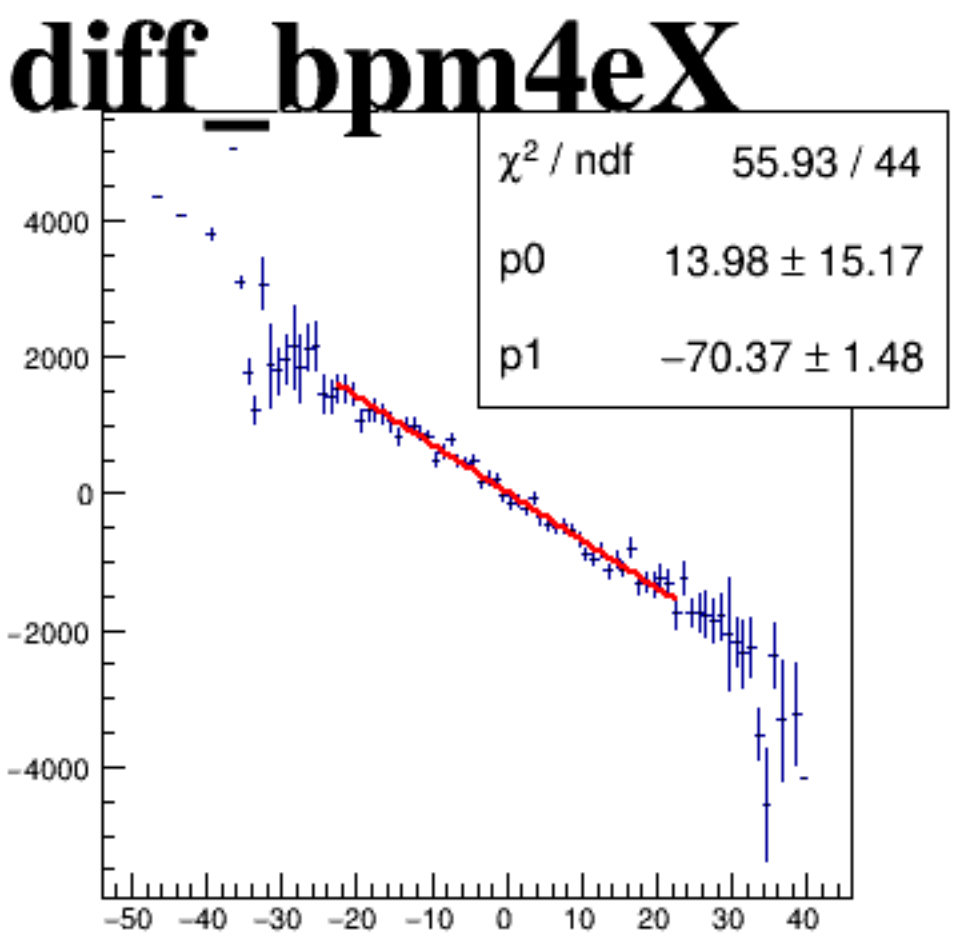
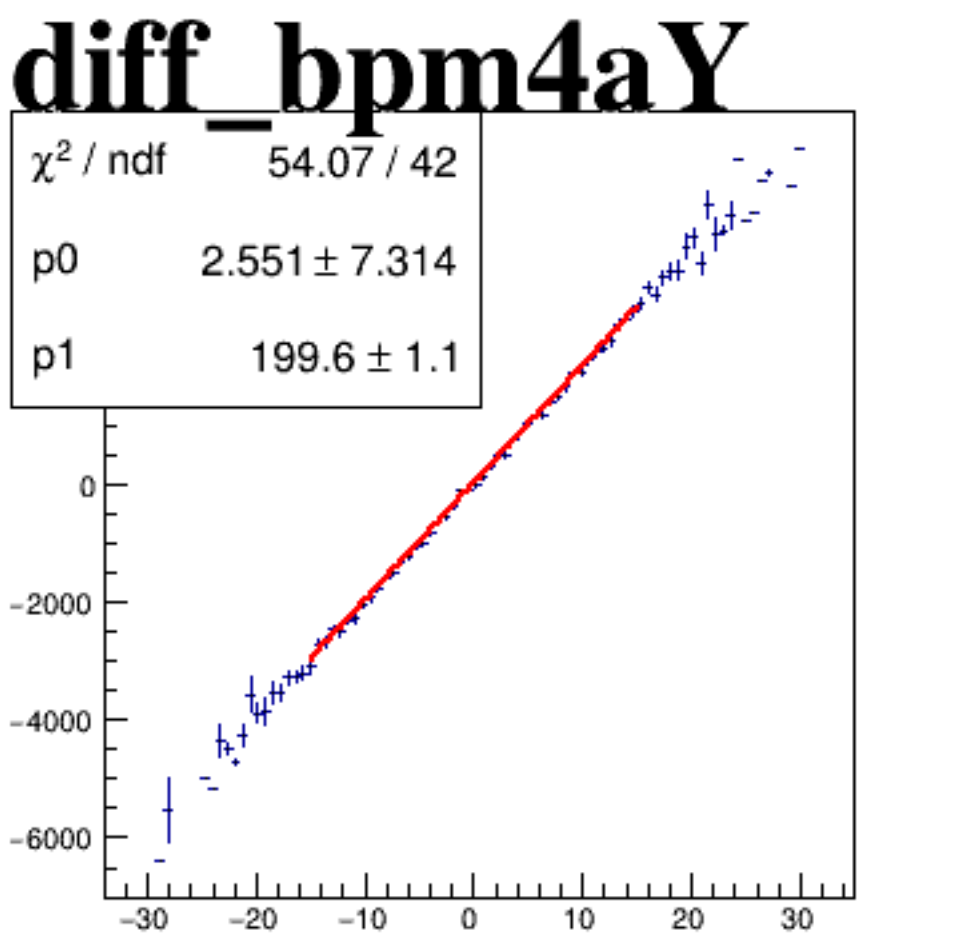
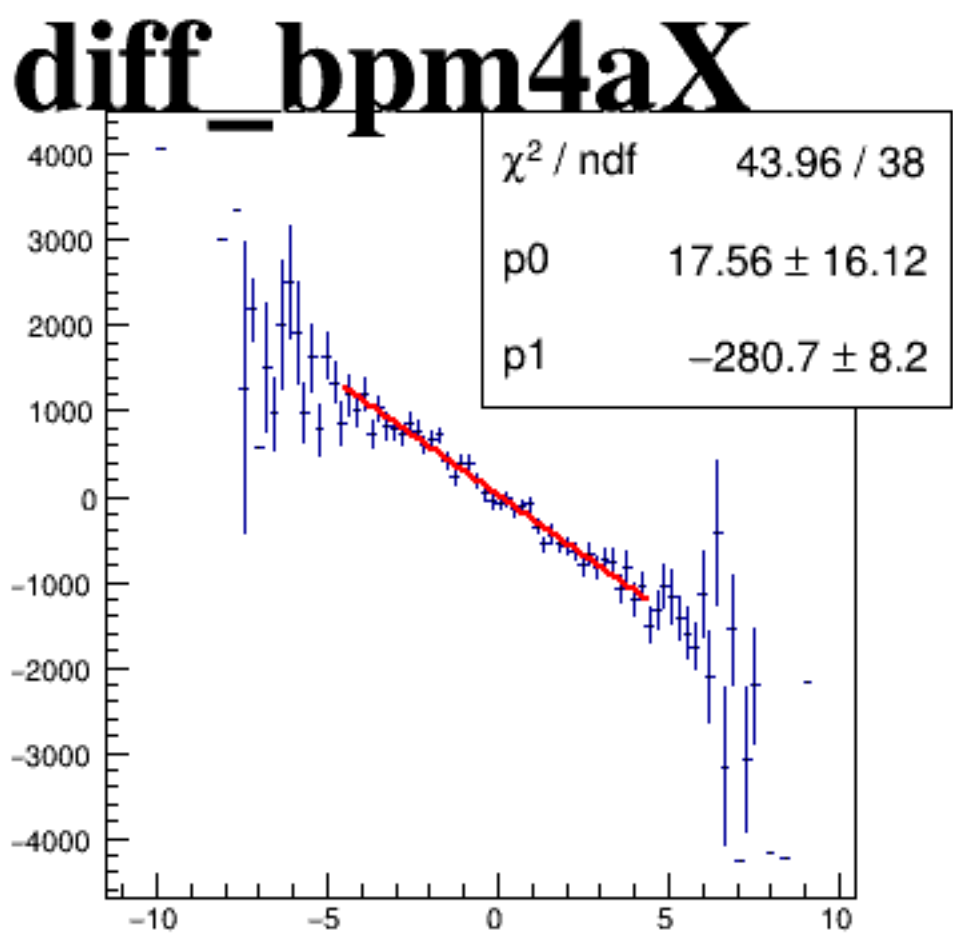
asym_sam1



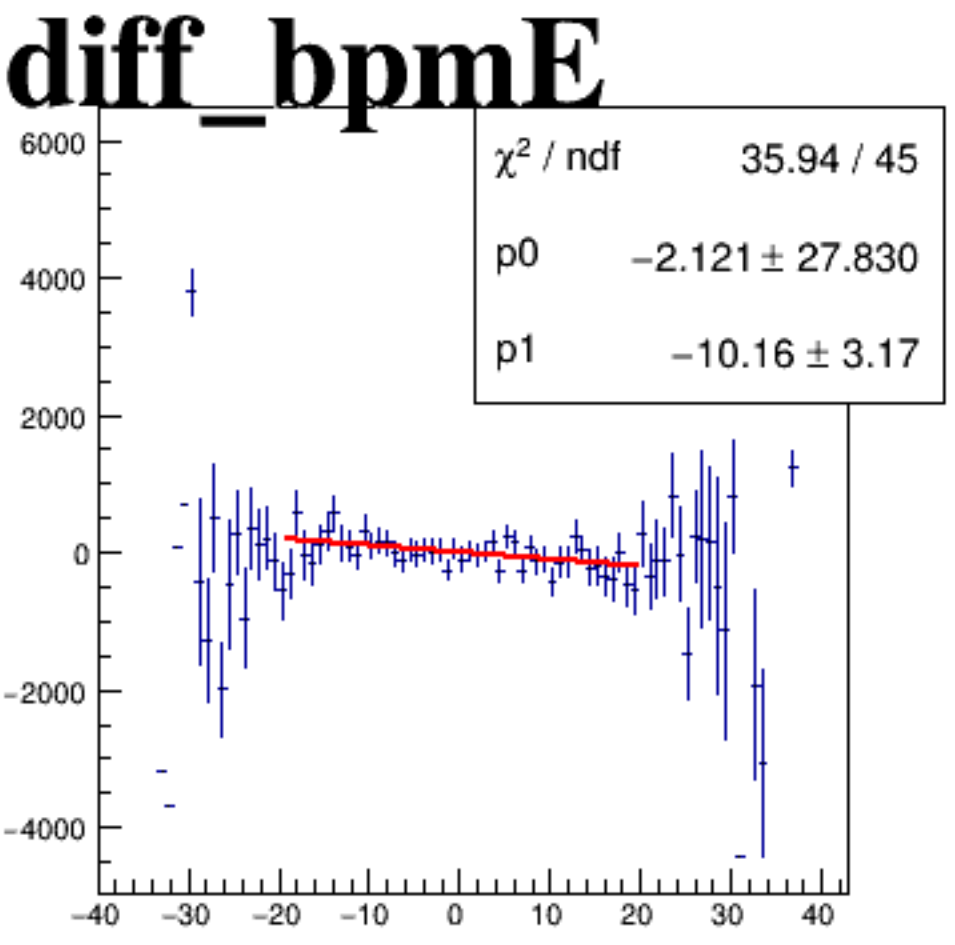
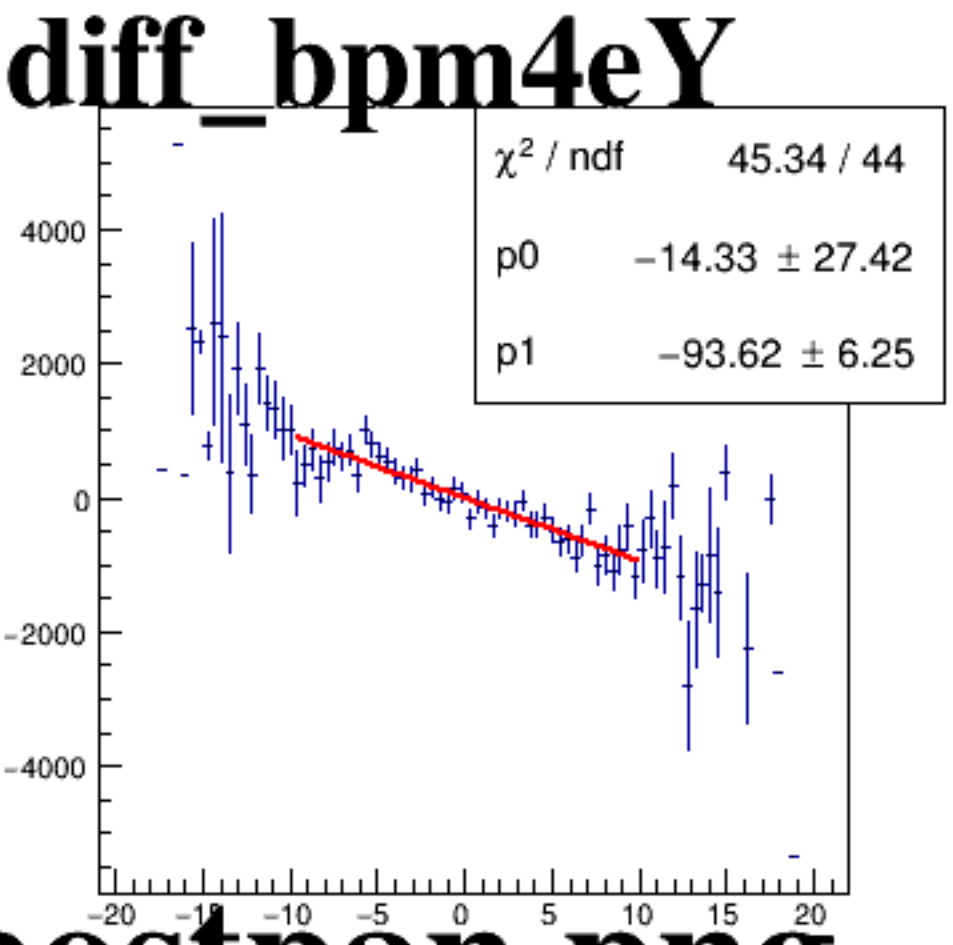
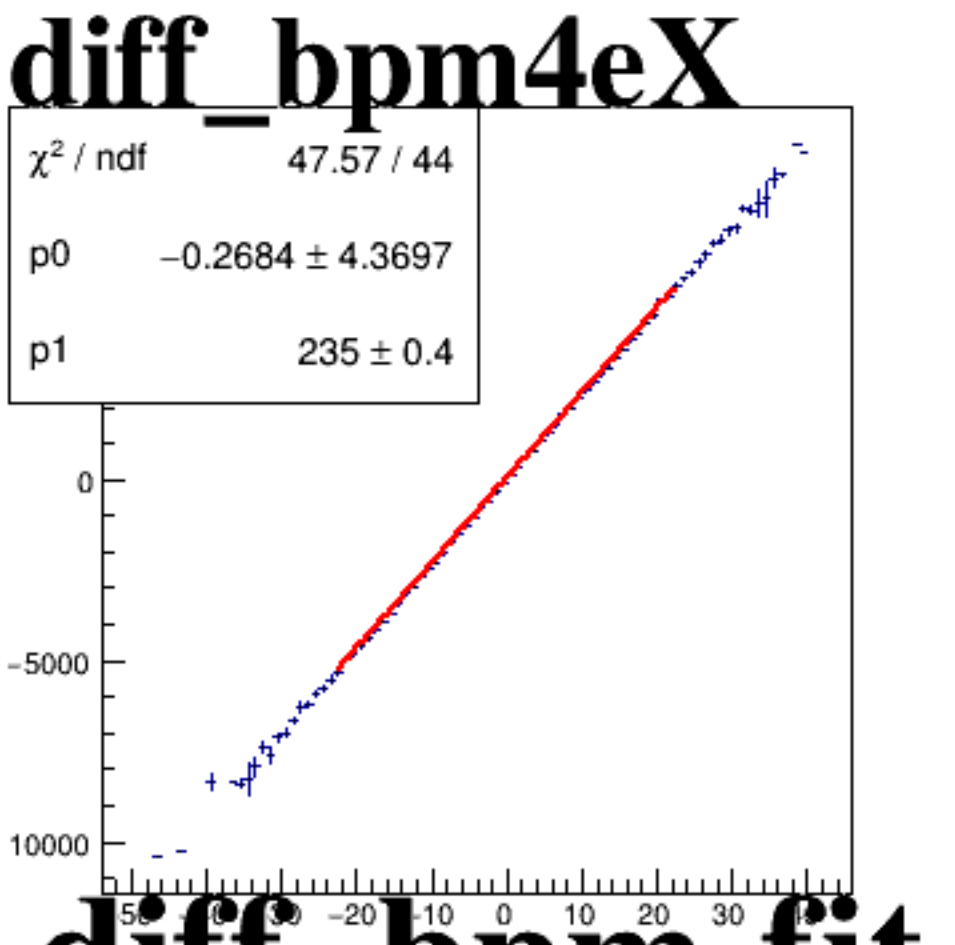
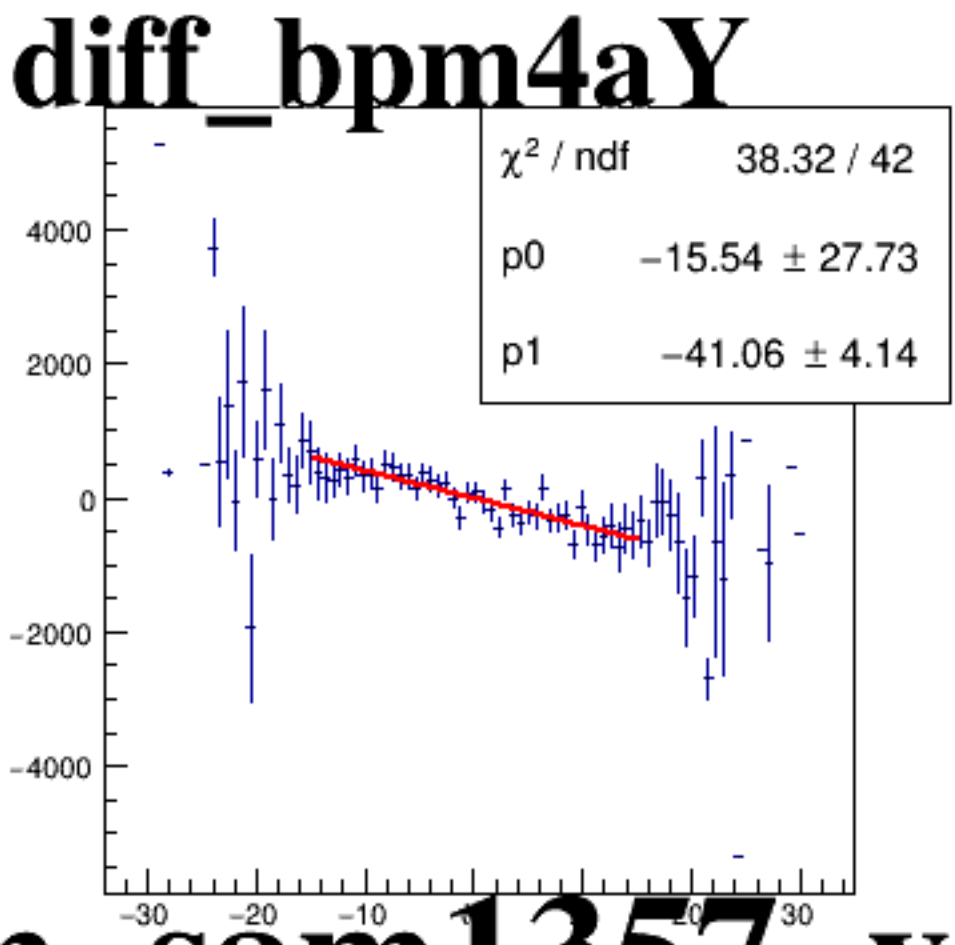
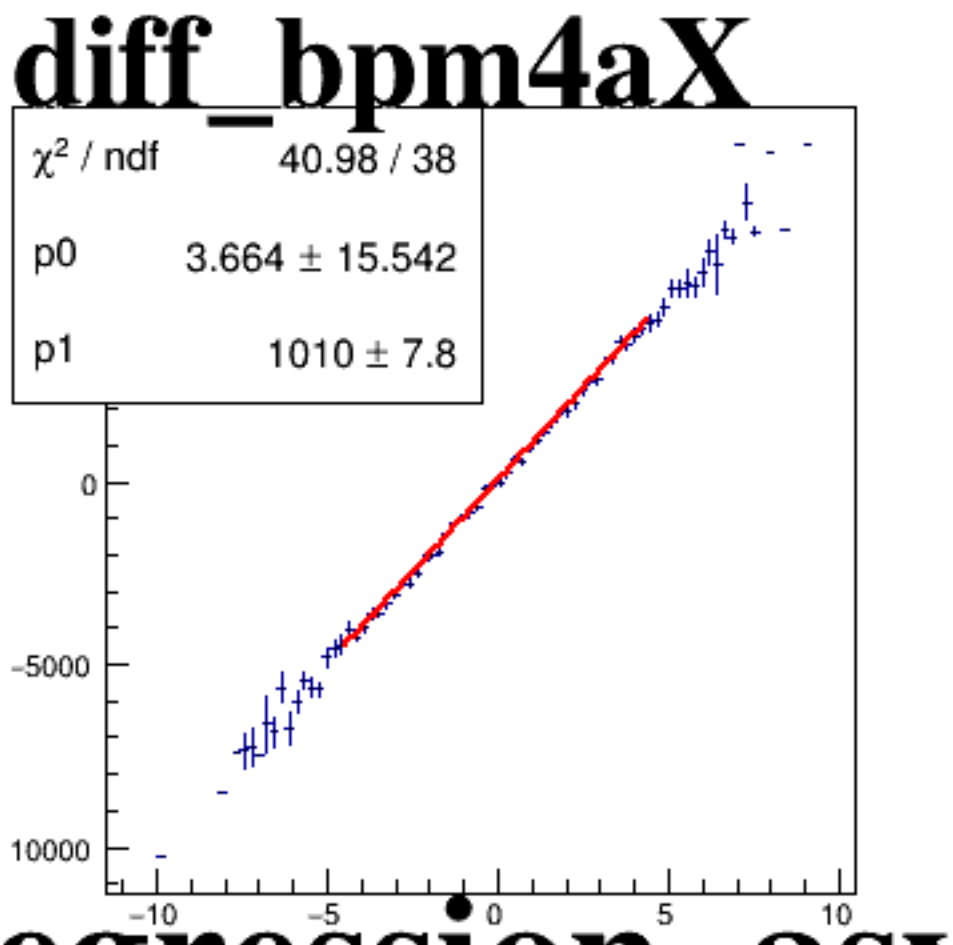
asym_sam3



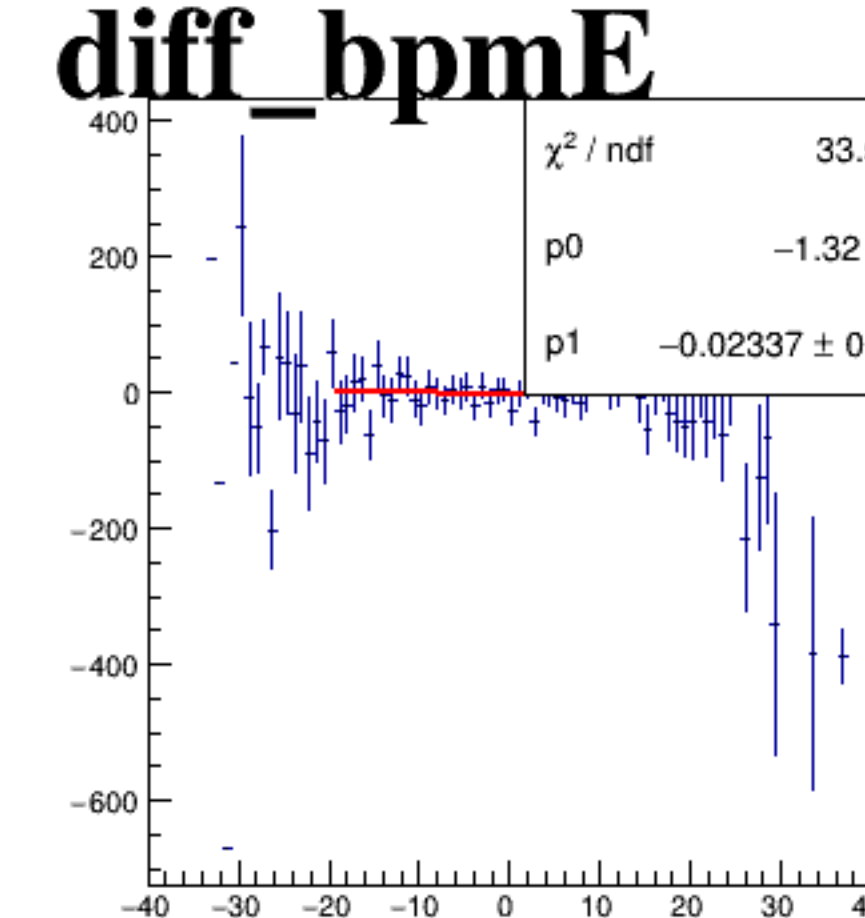
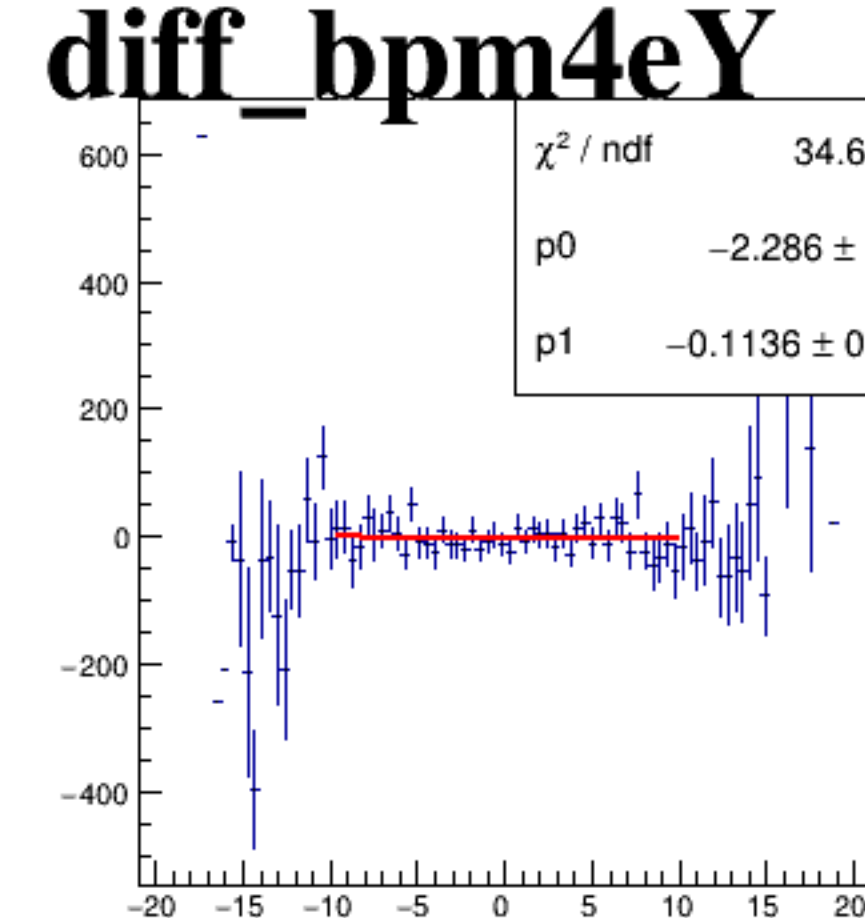
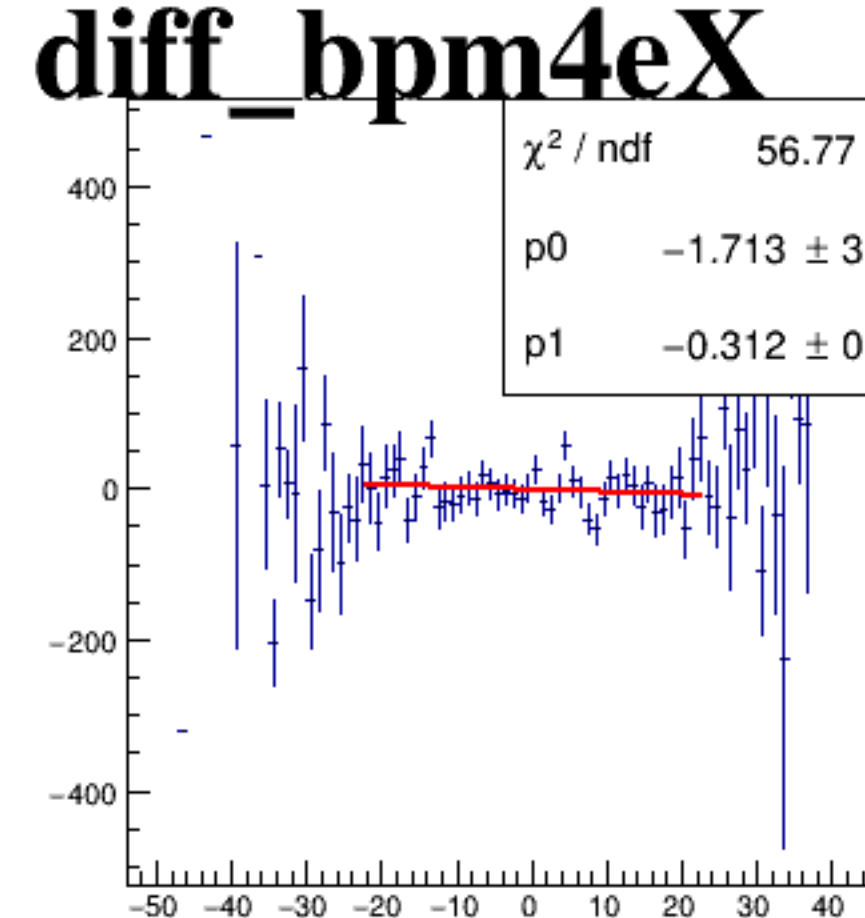
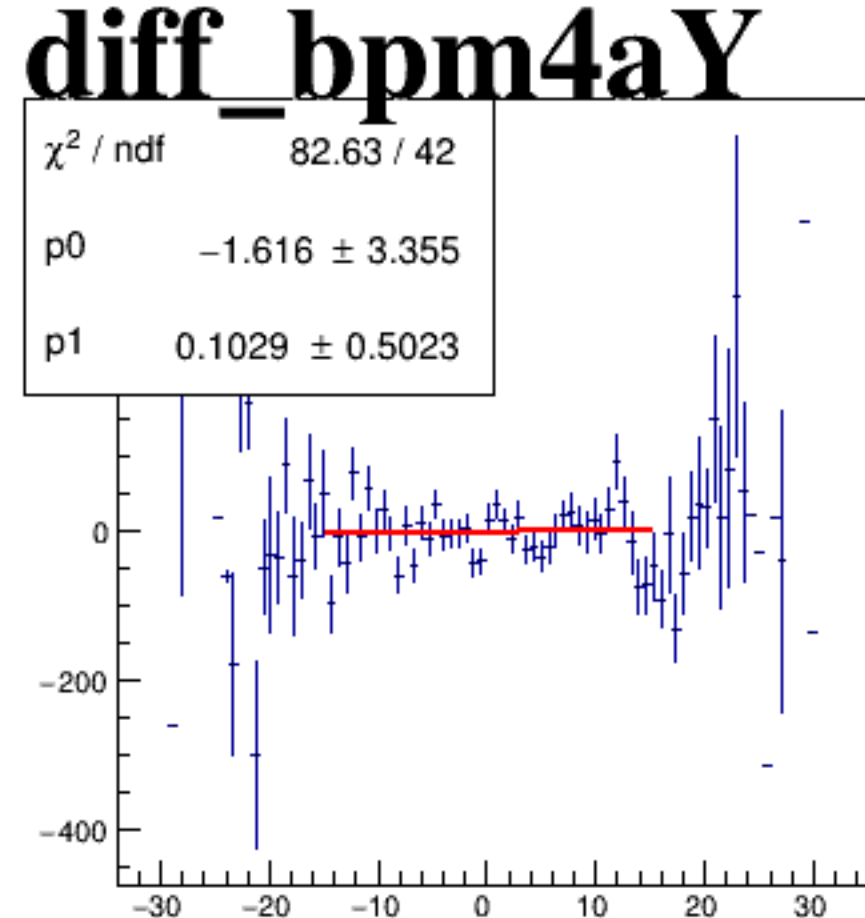
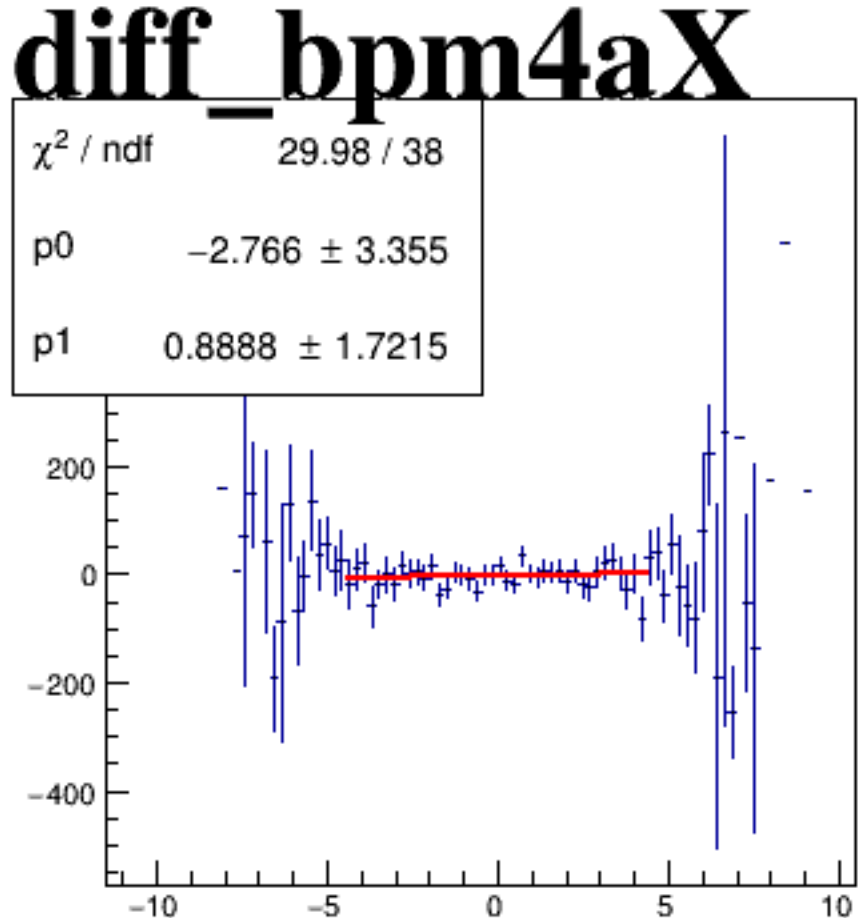
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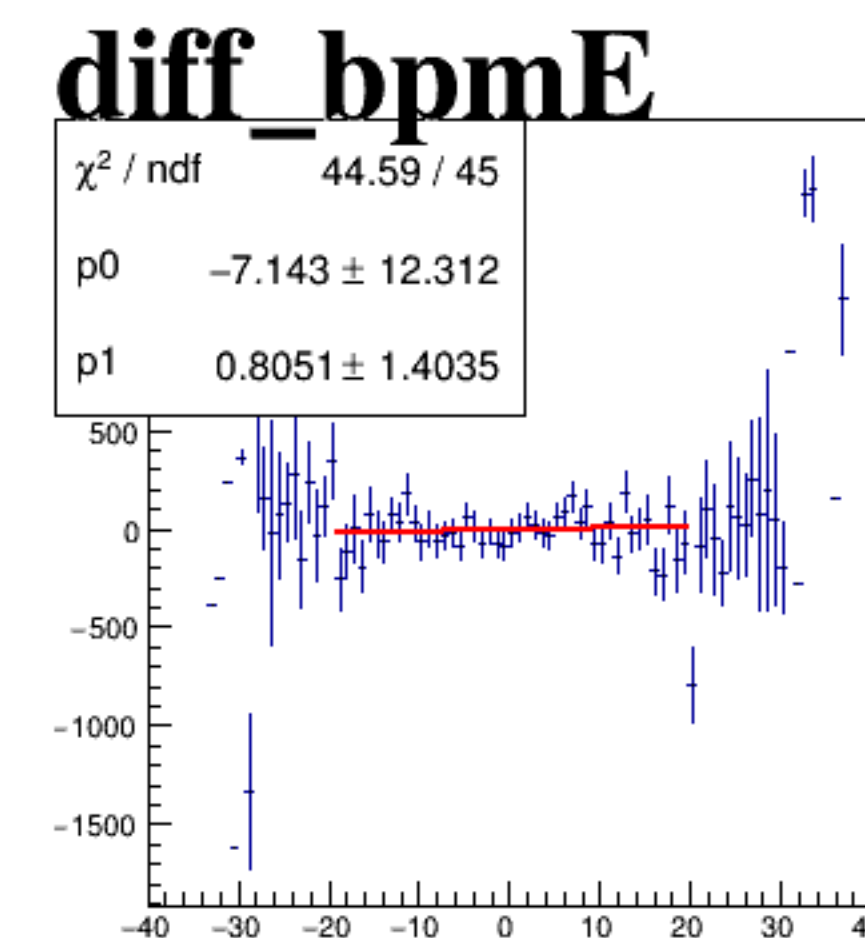
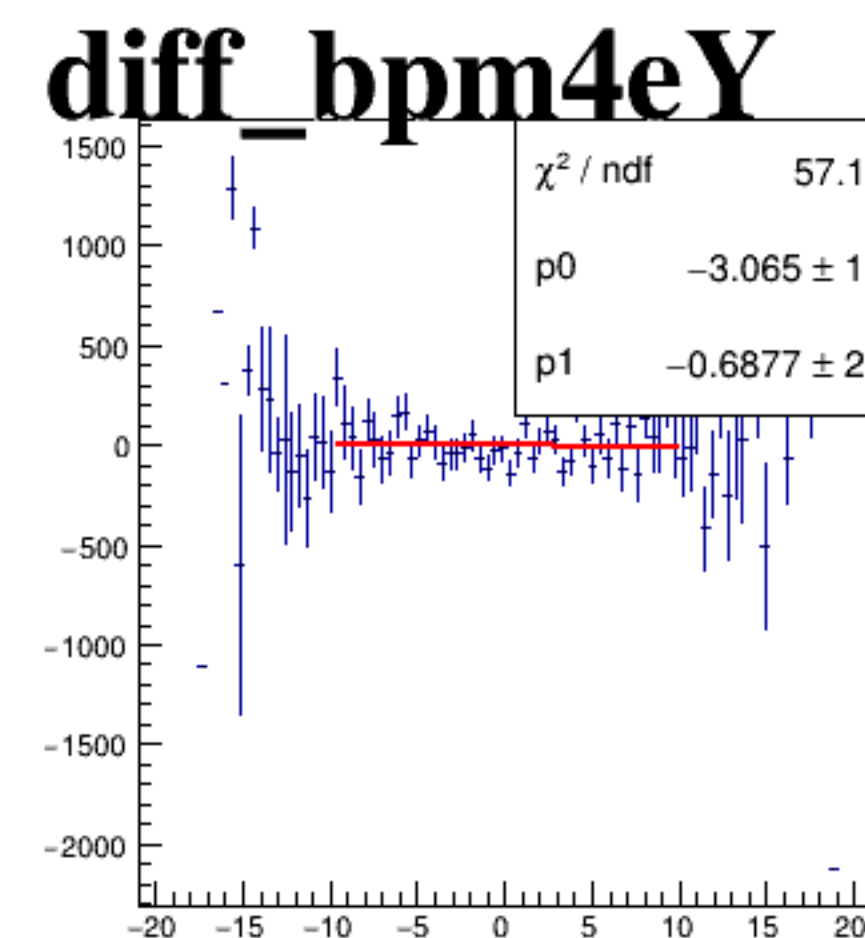
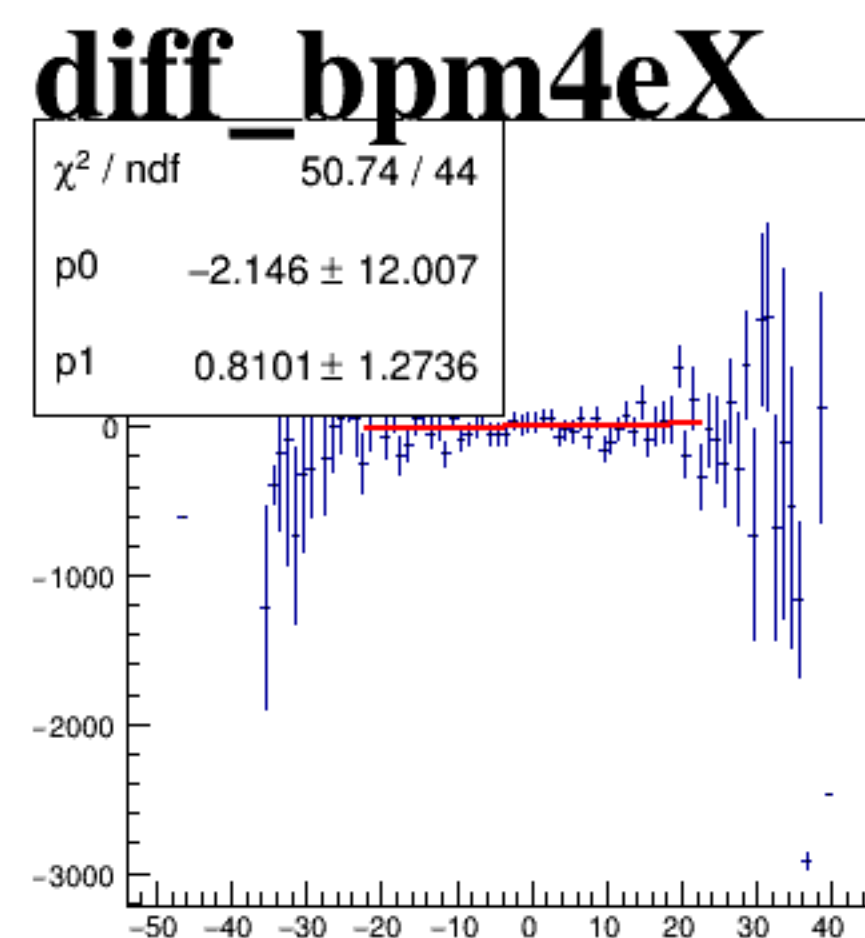
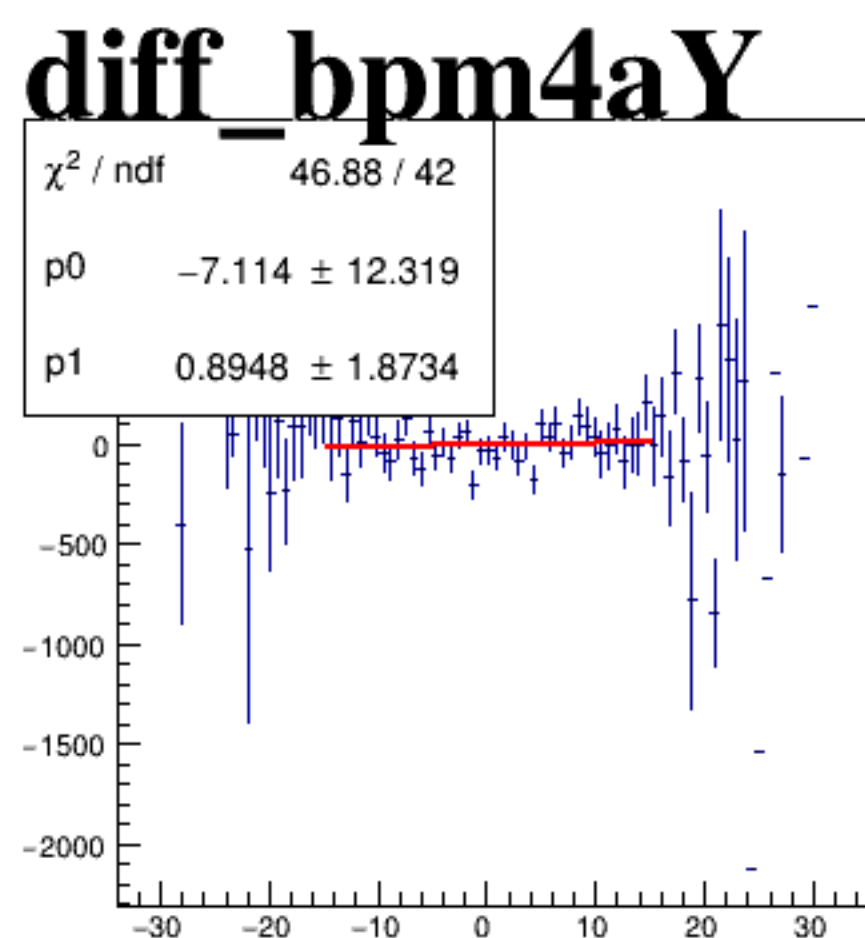
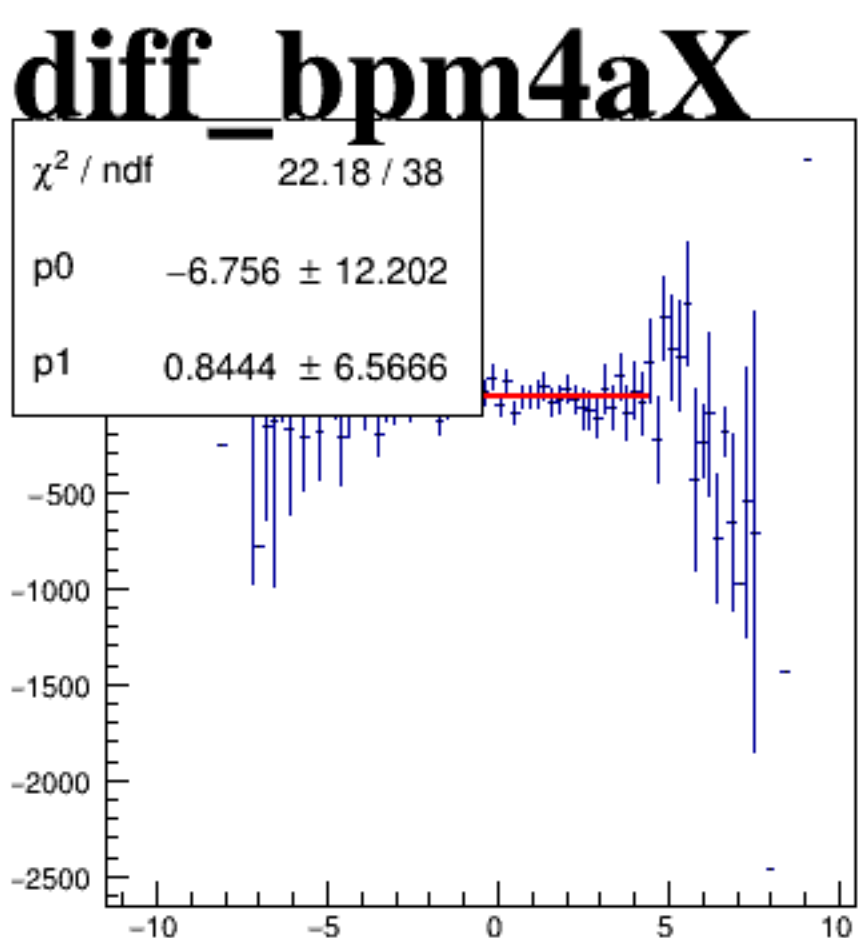
asym_sam7



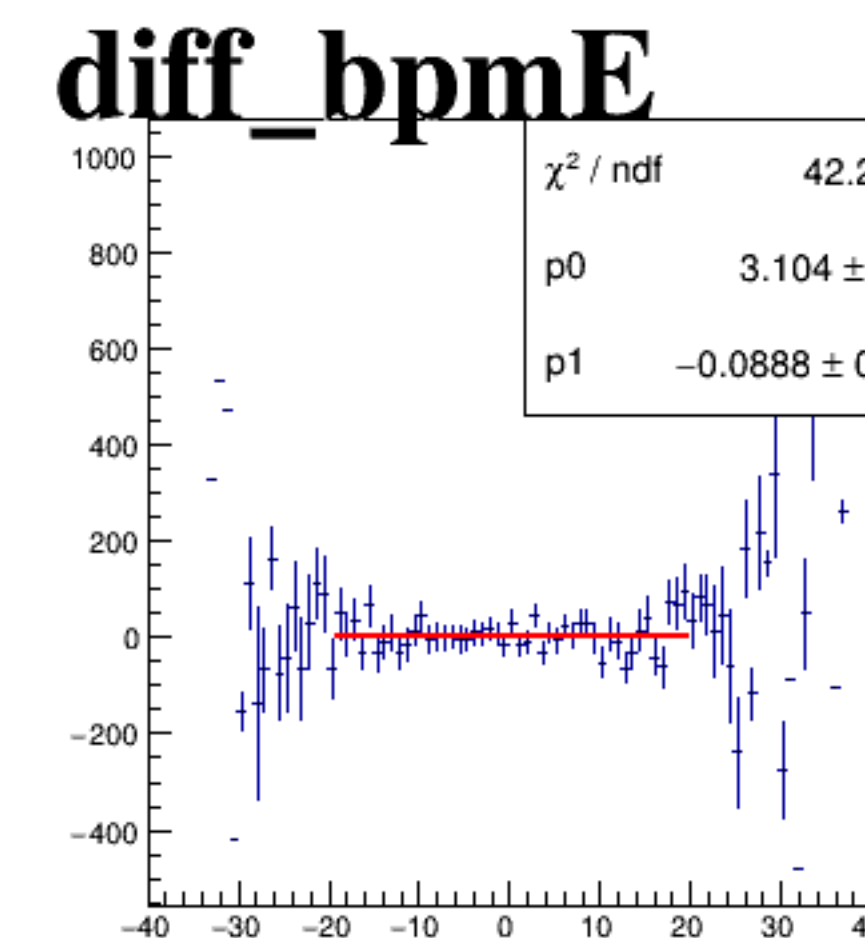
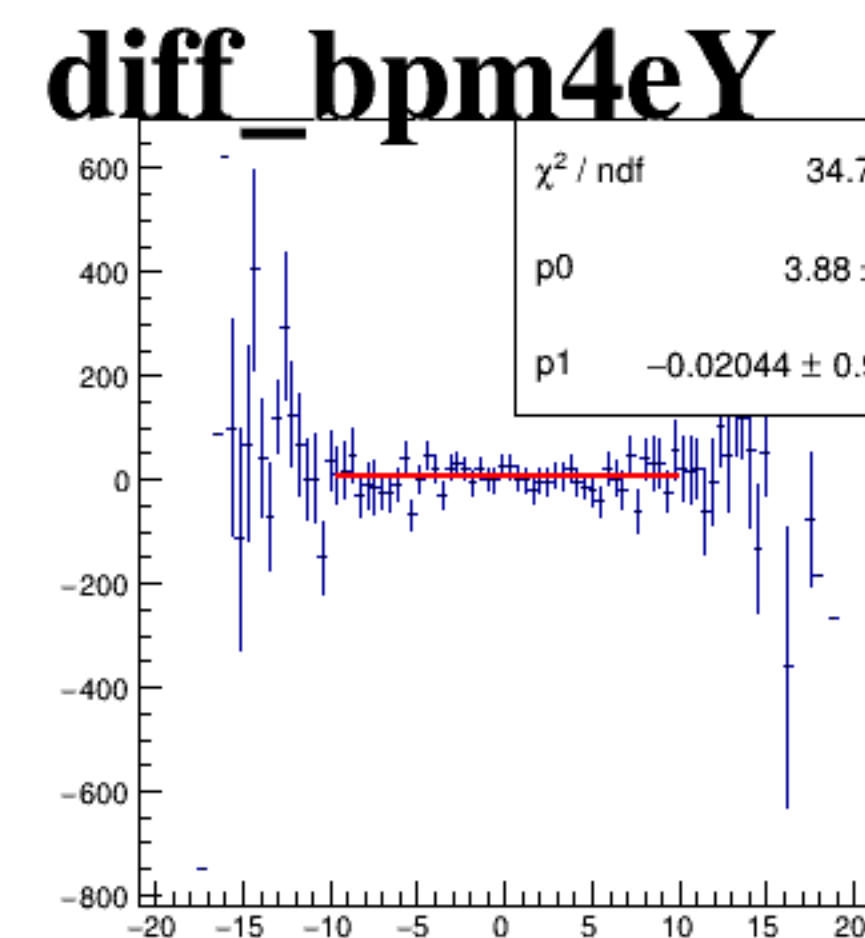
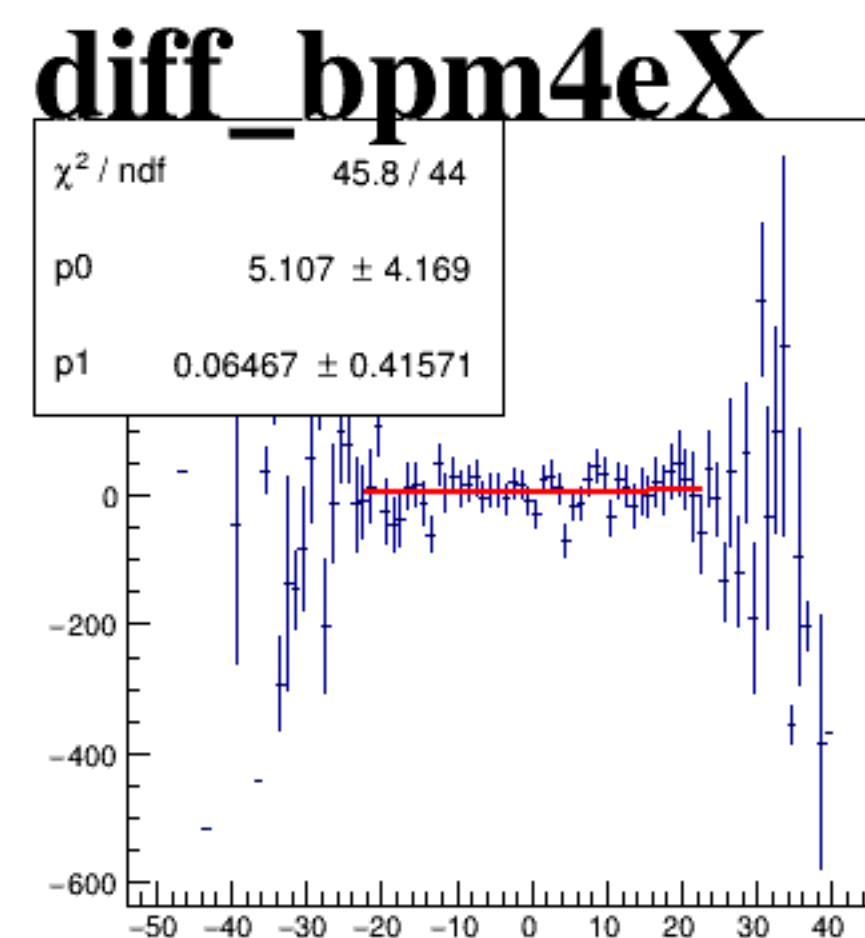
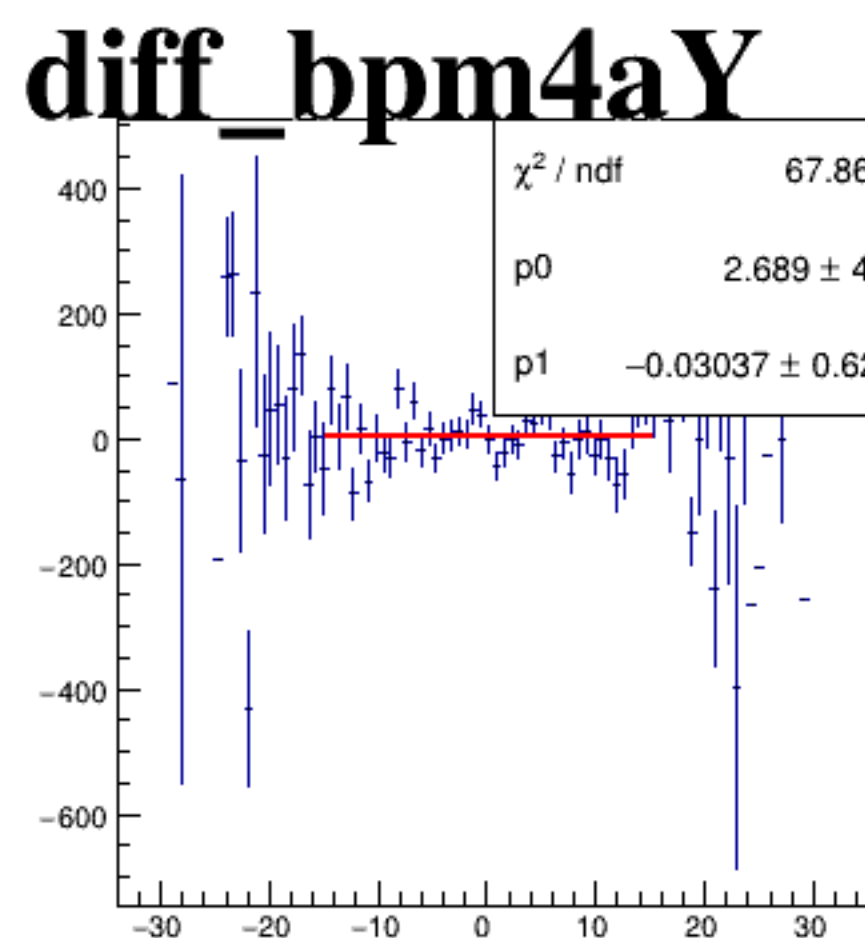
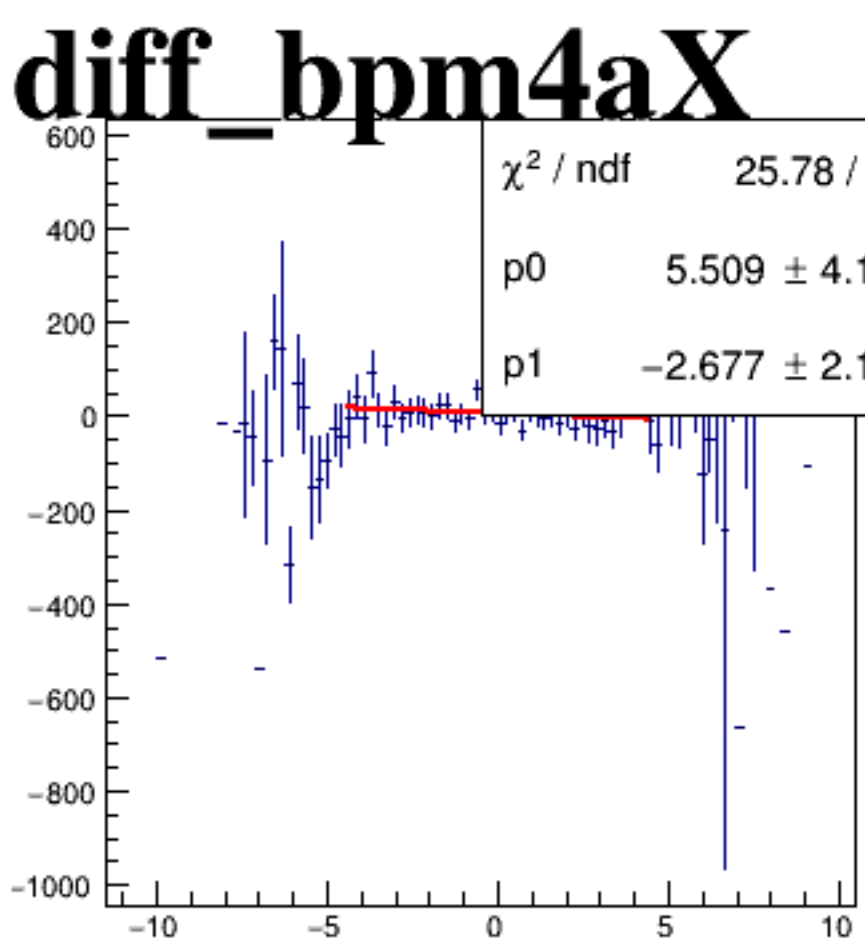
reg_asym_sam1



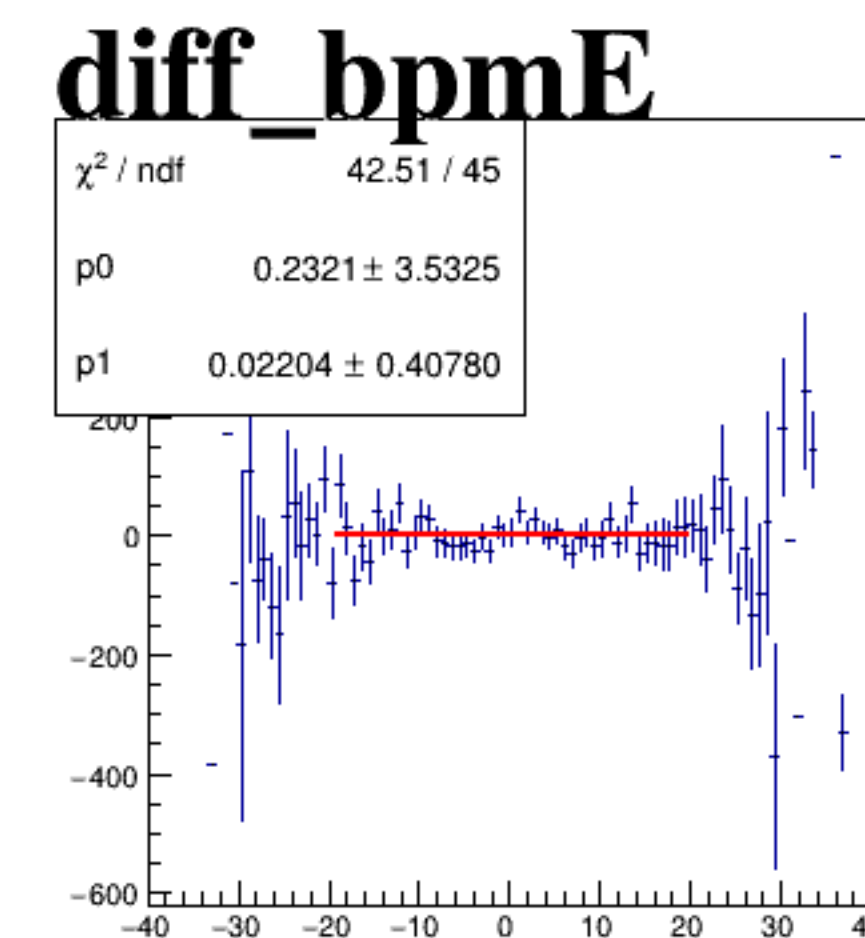
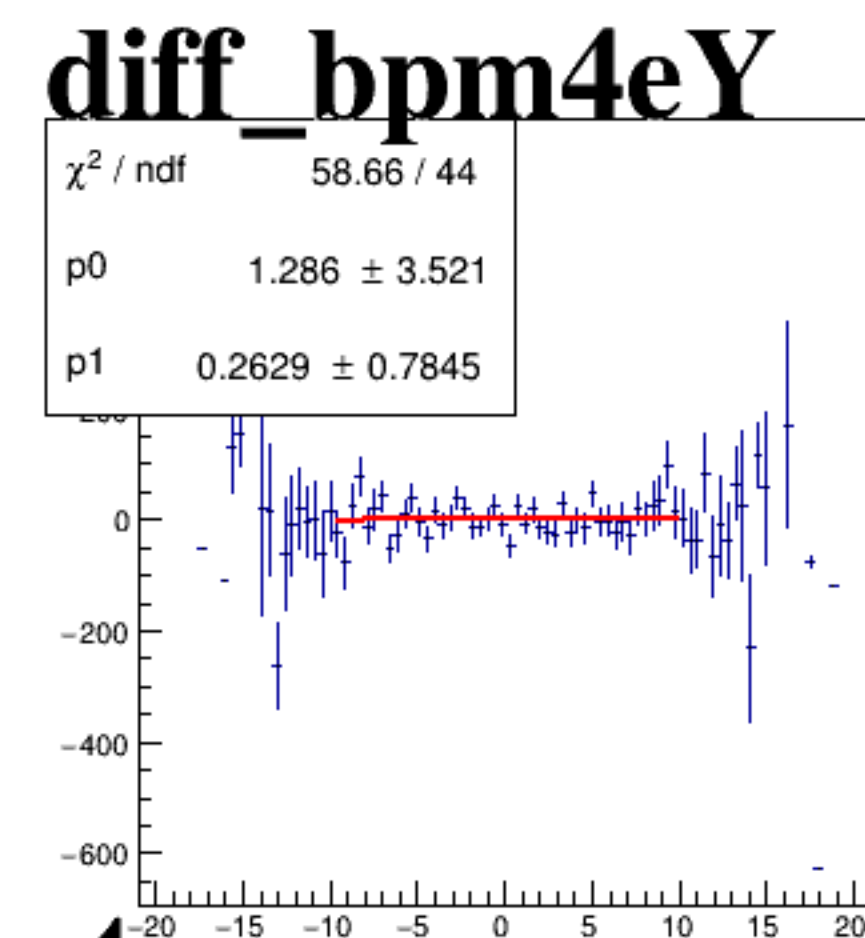
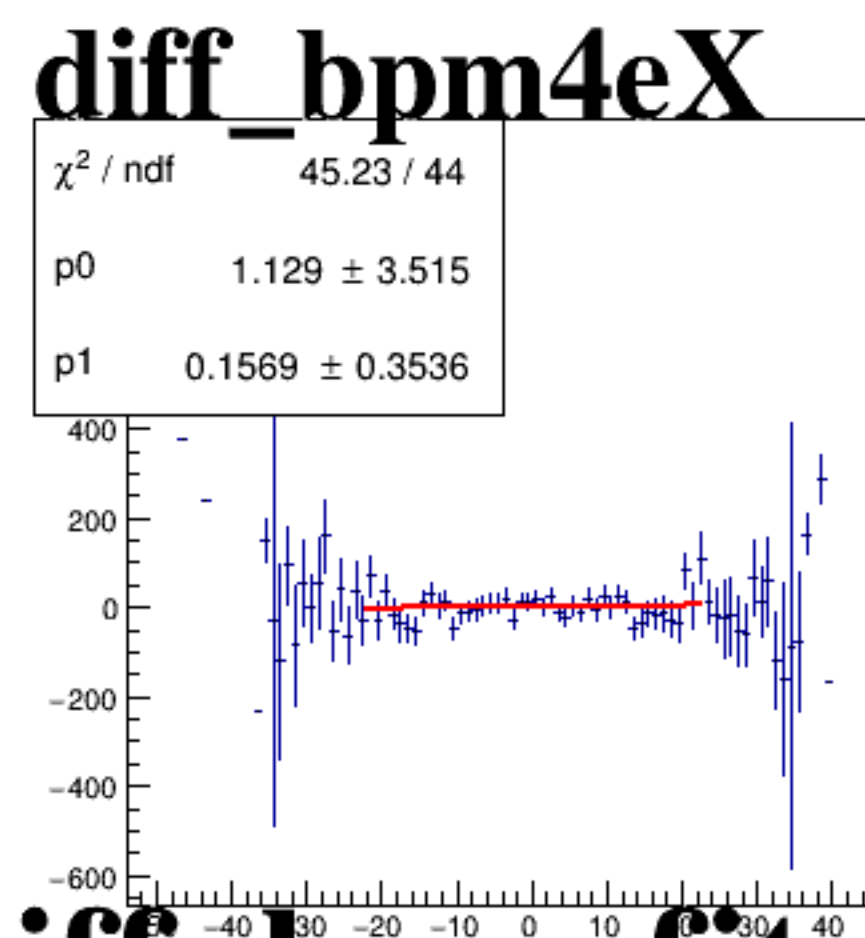
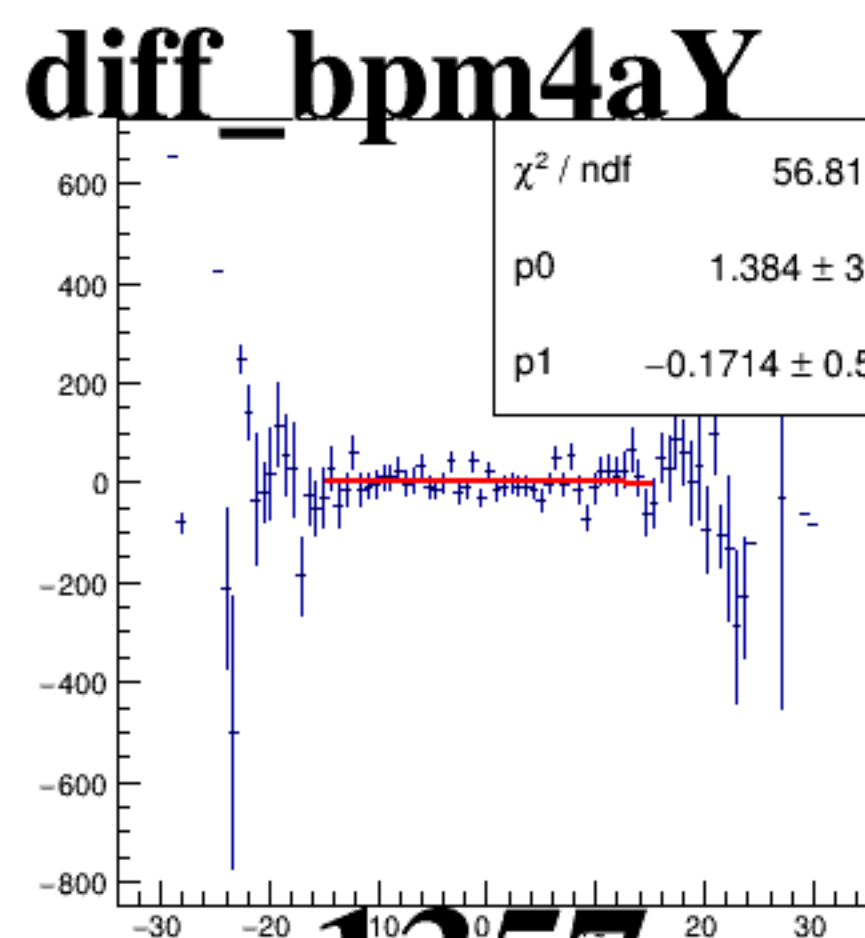
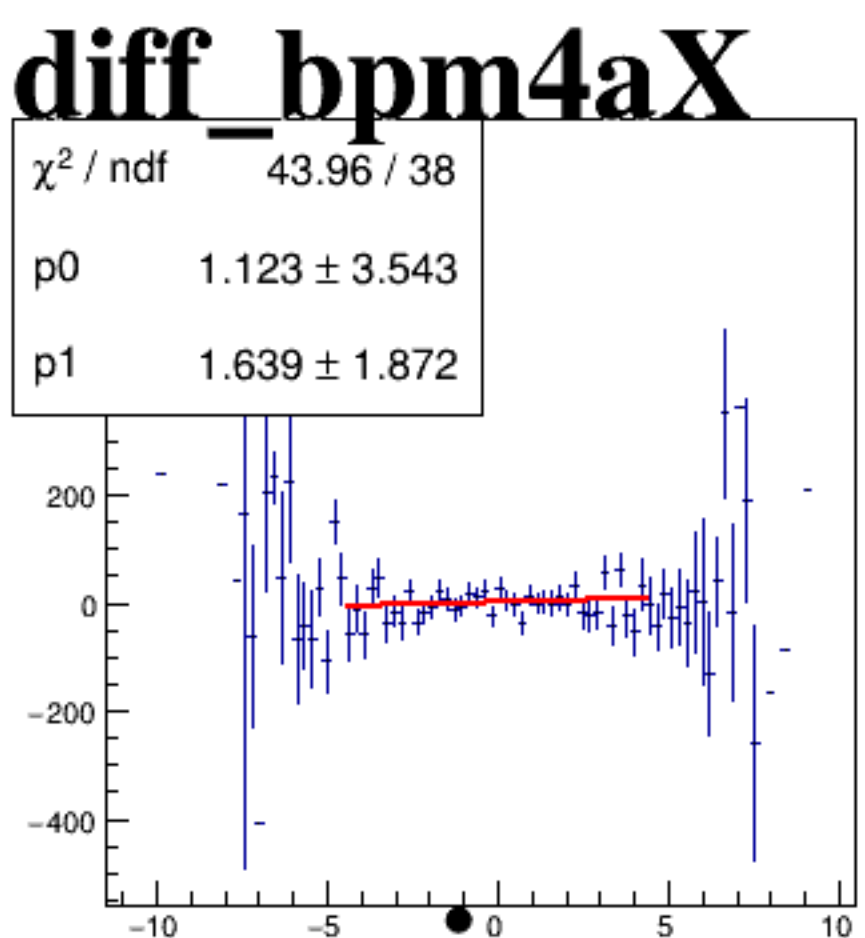
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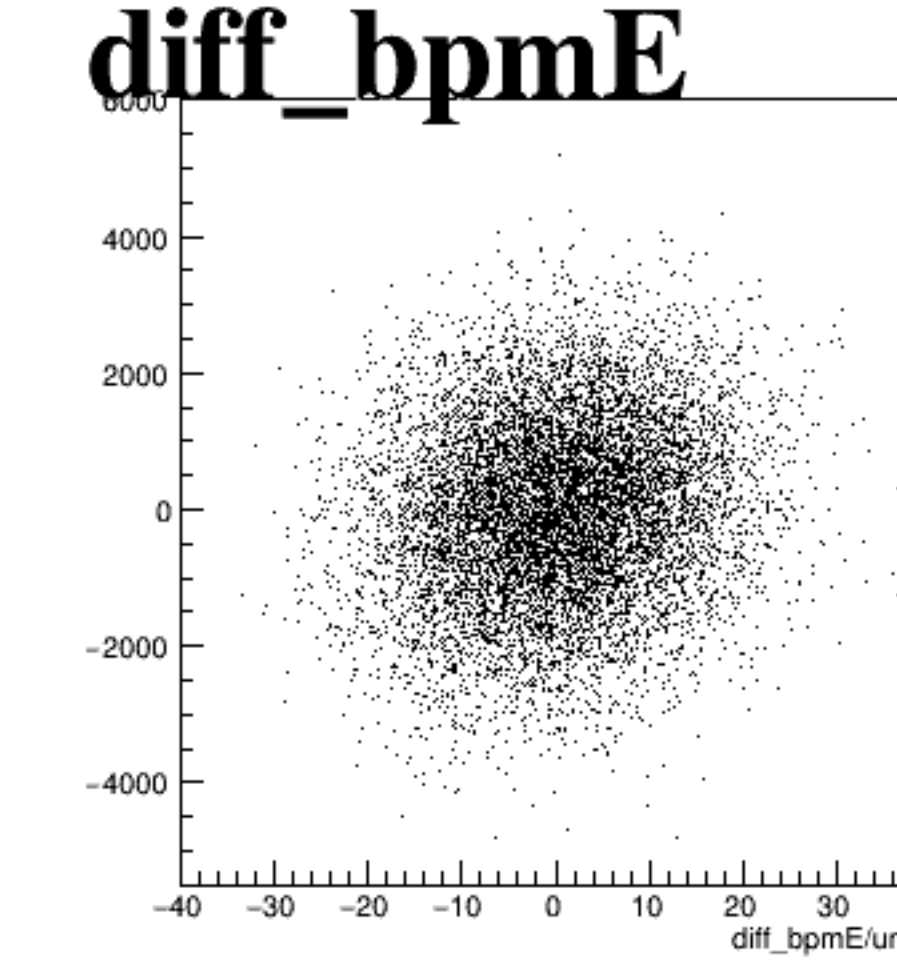
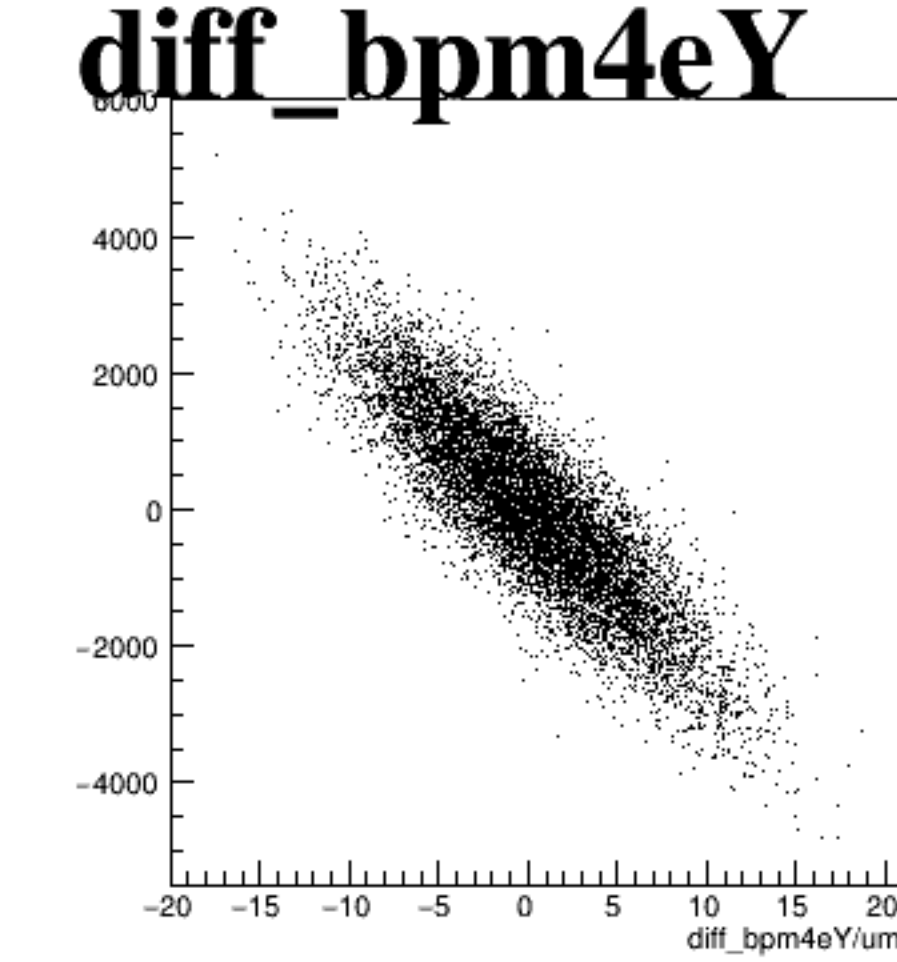
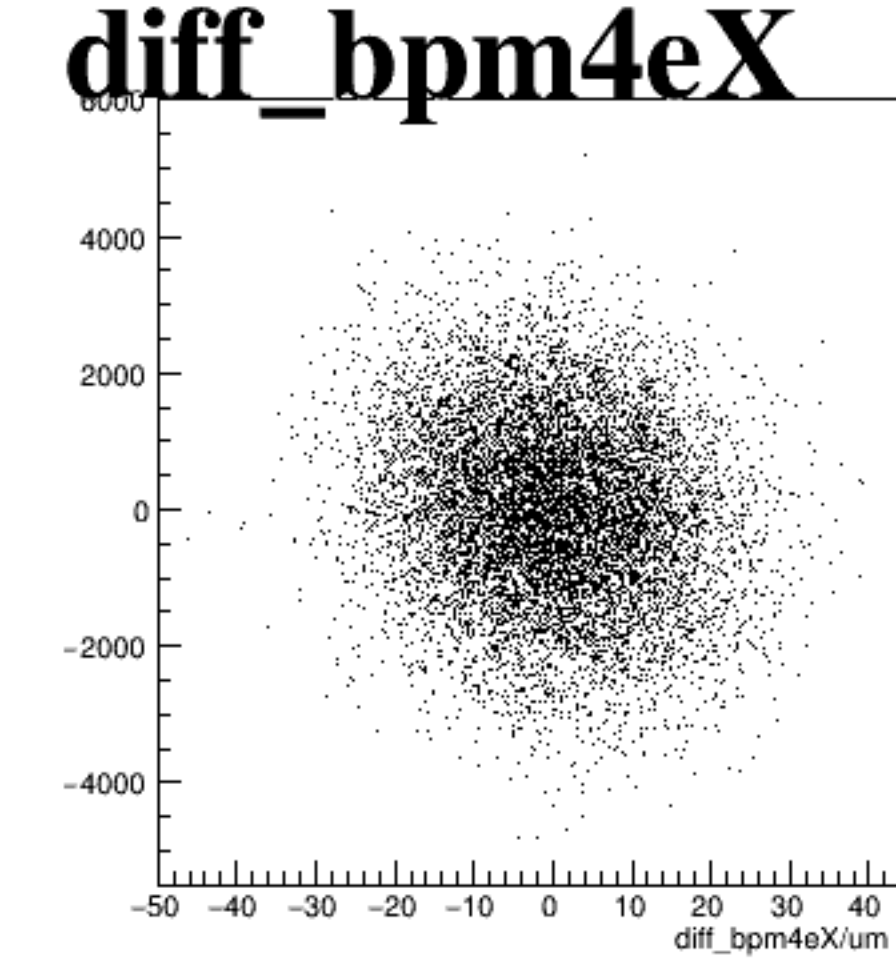
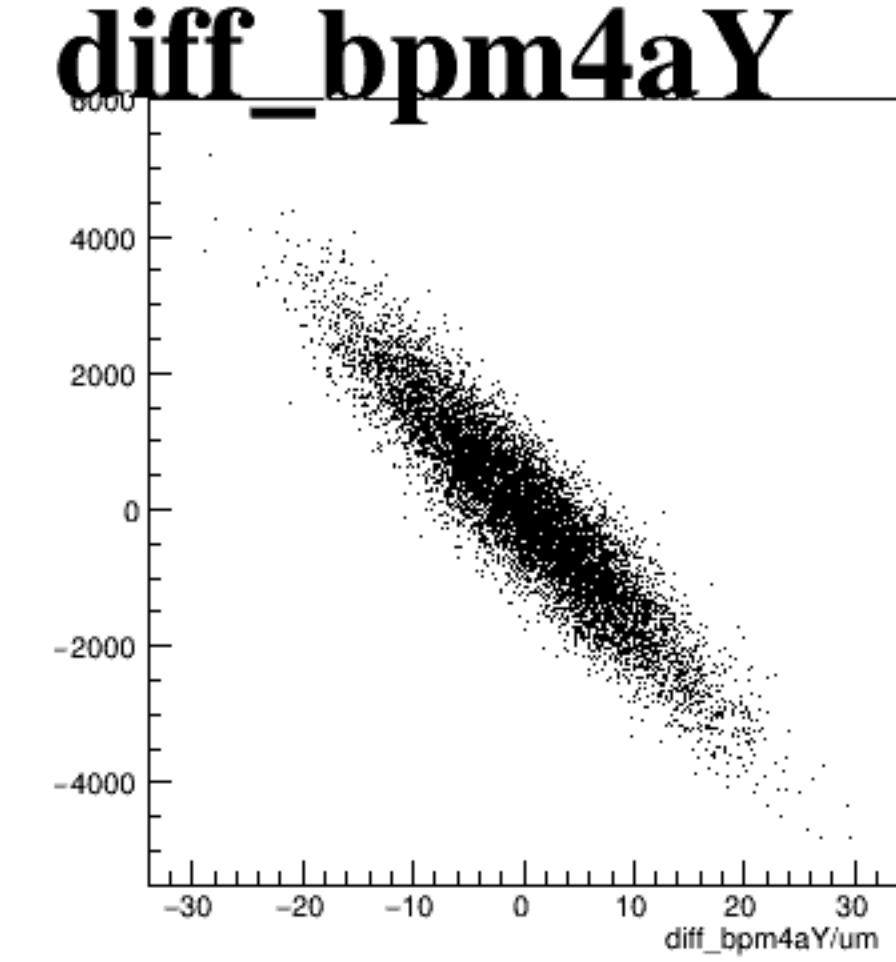
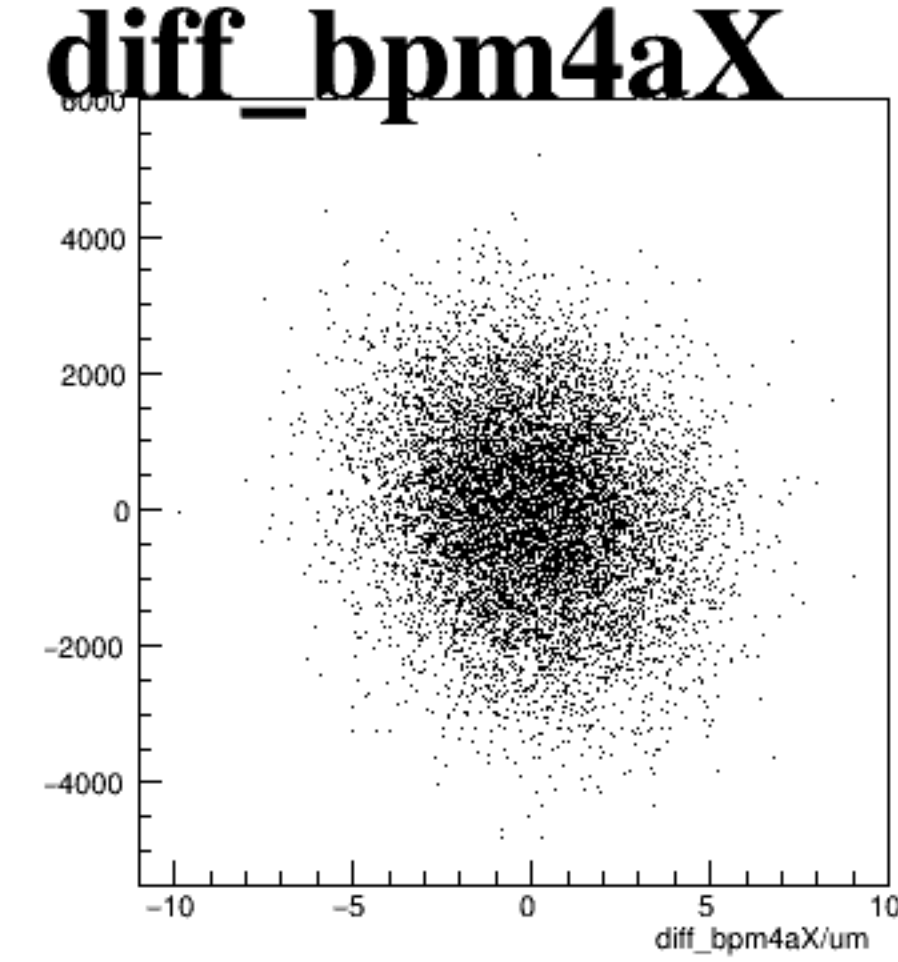
reg_asym_sam5



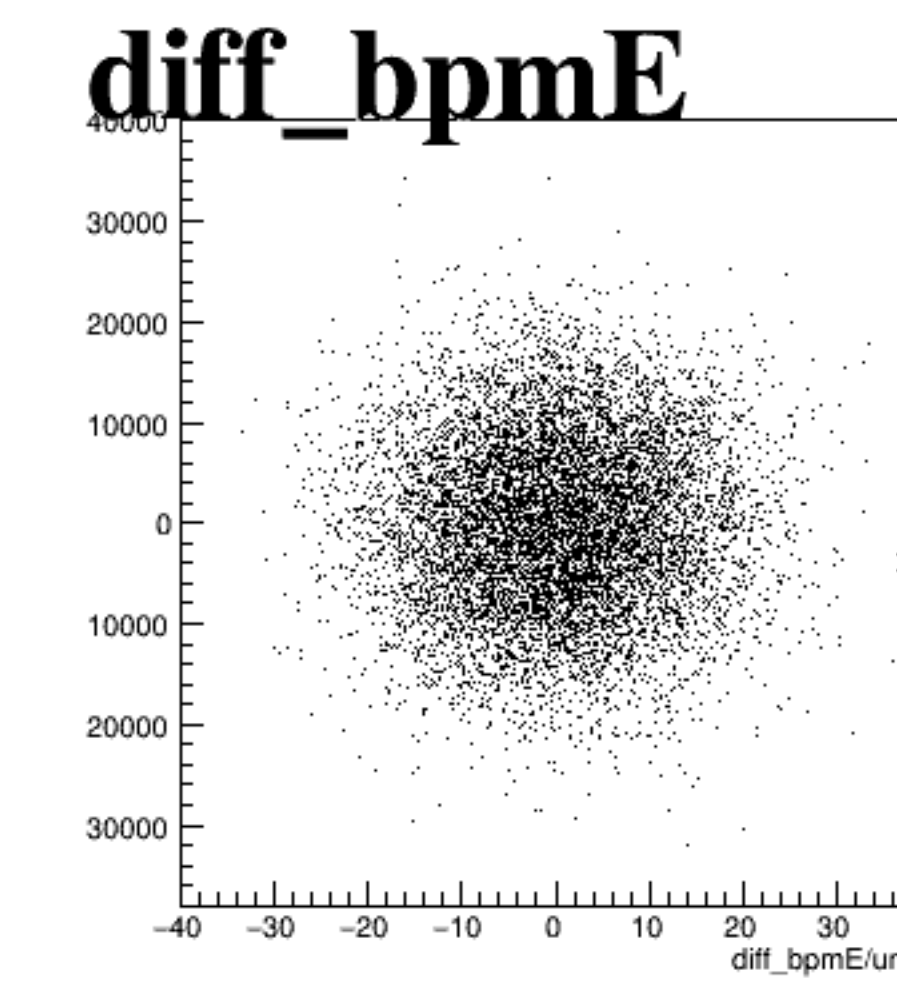
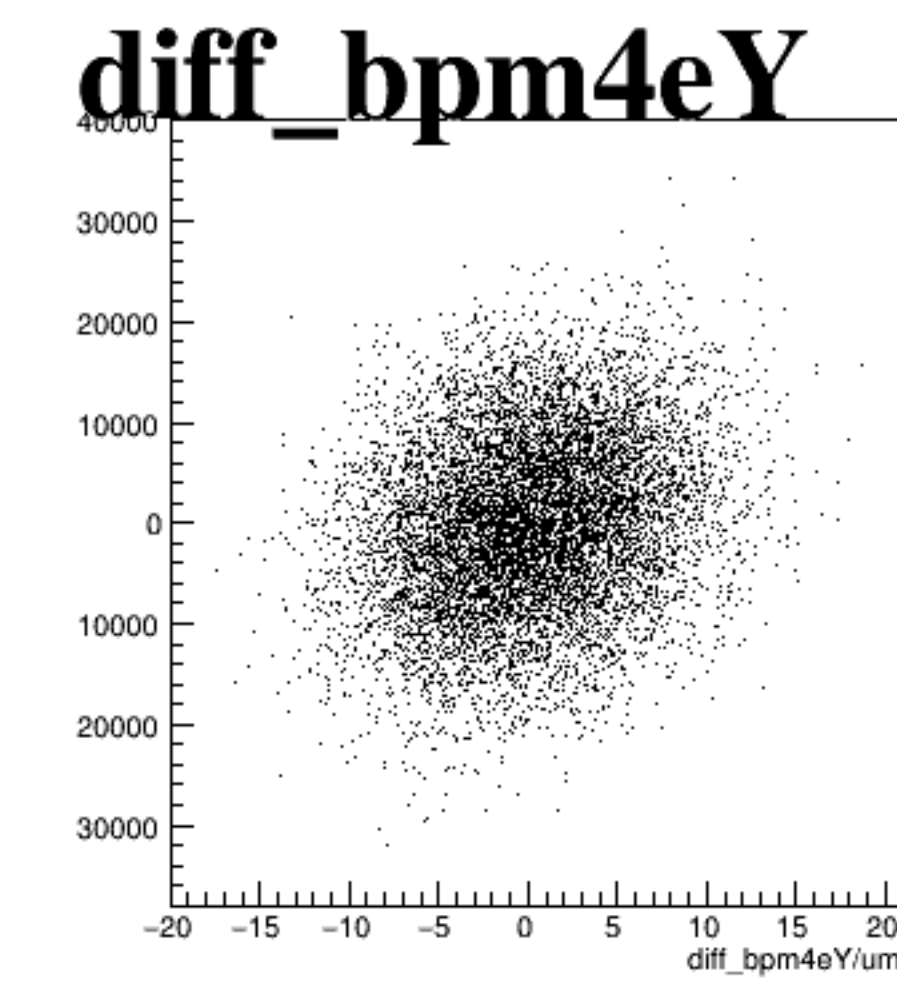
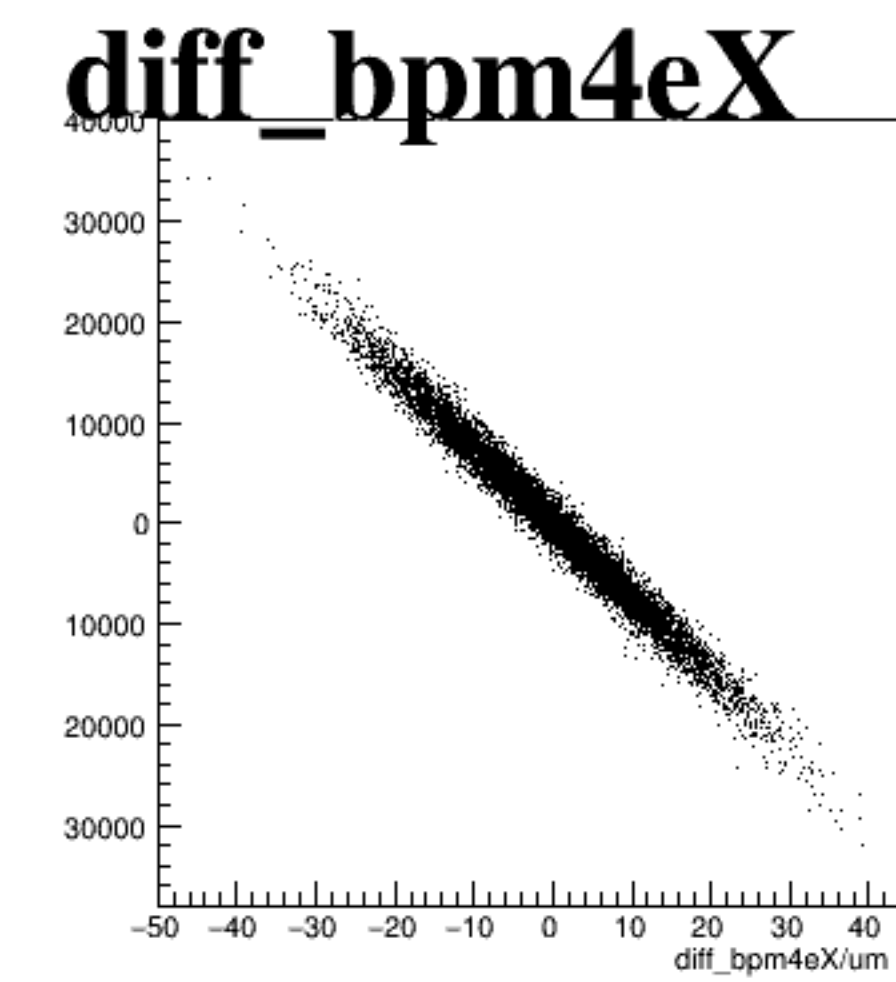
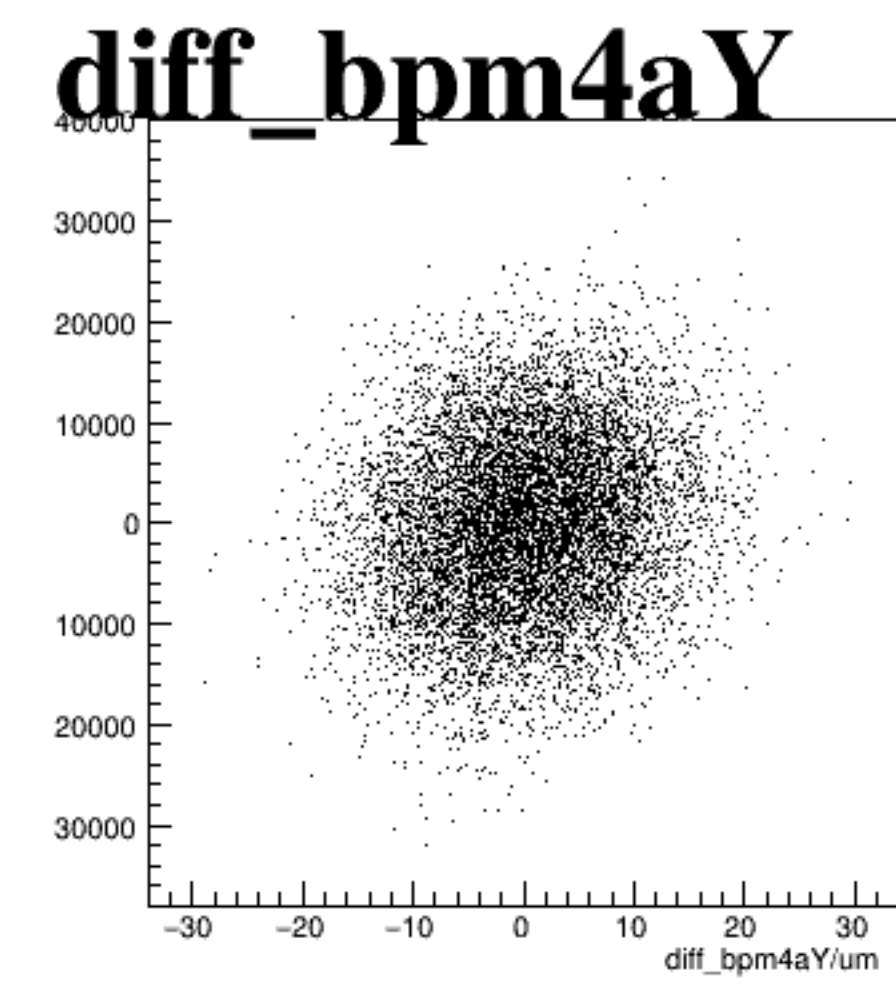
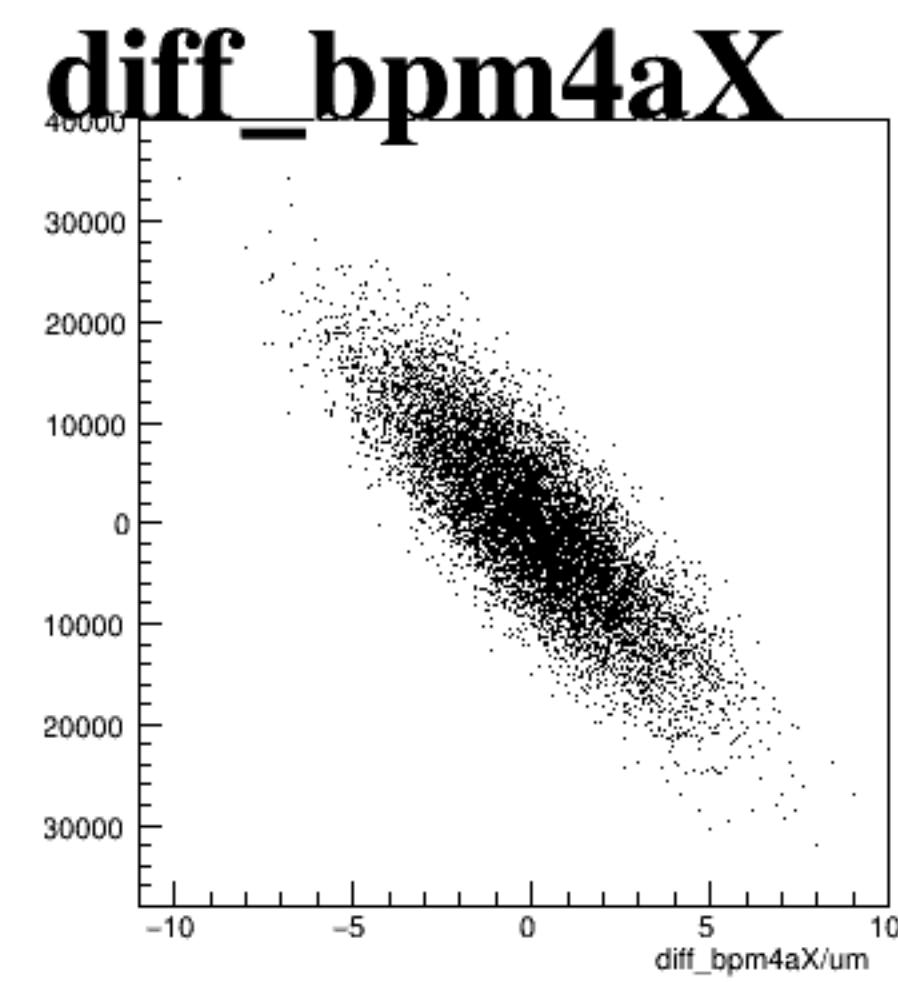
reg_asym_sam7



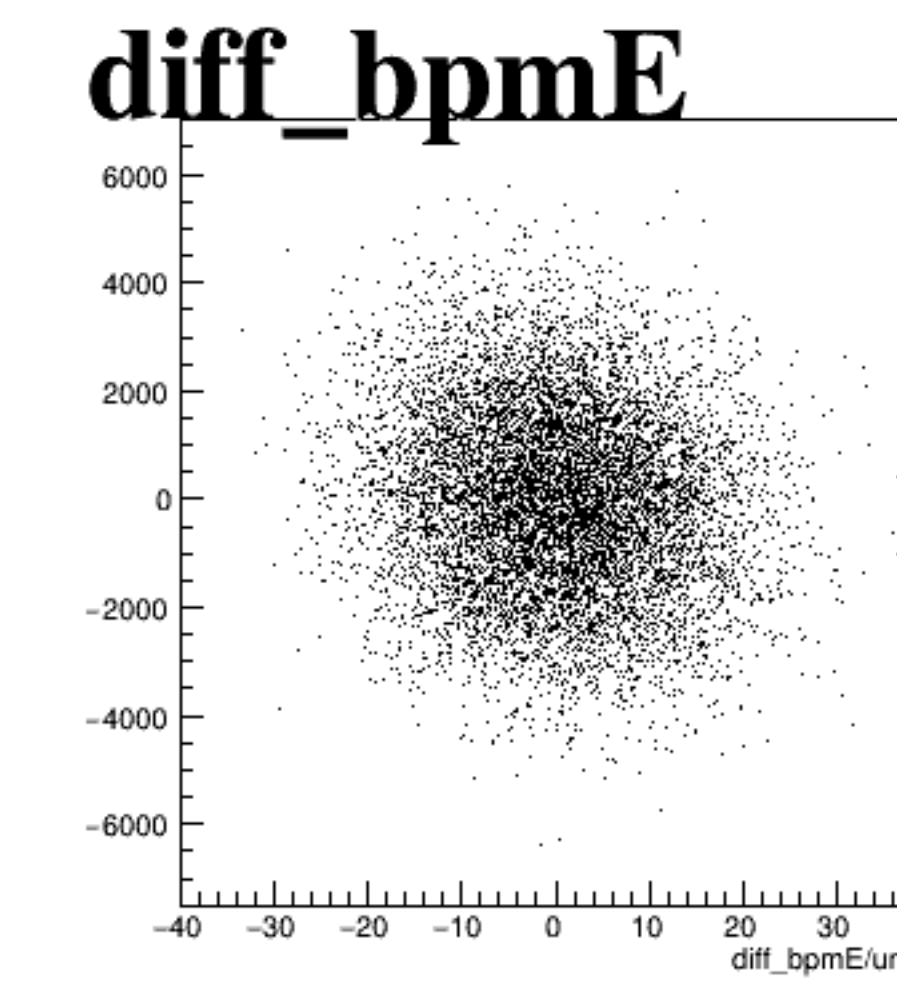
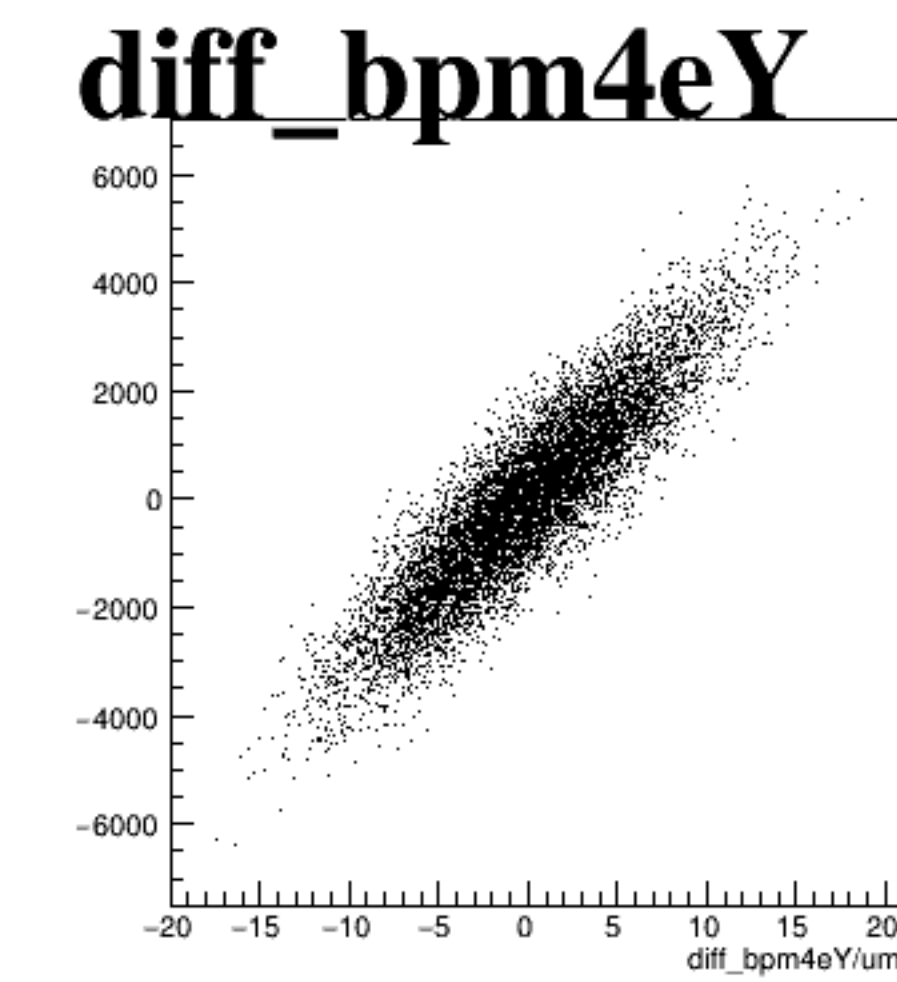
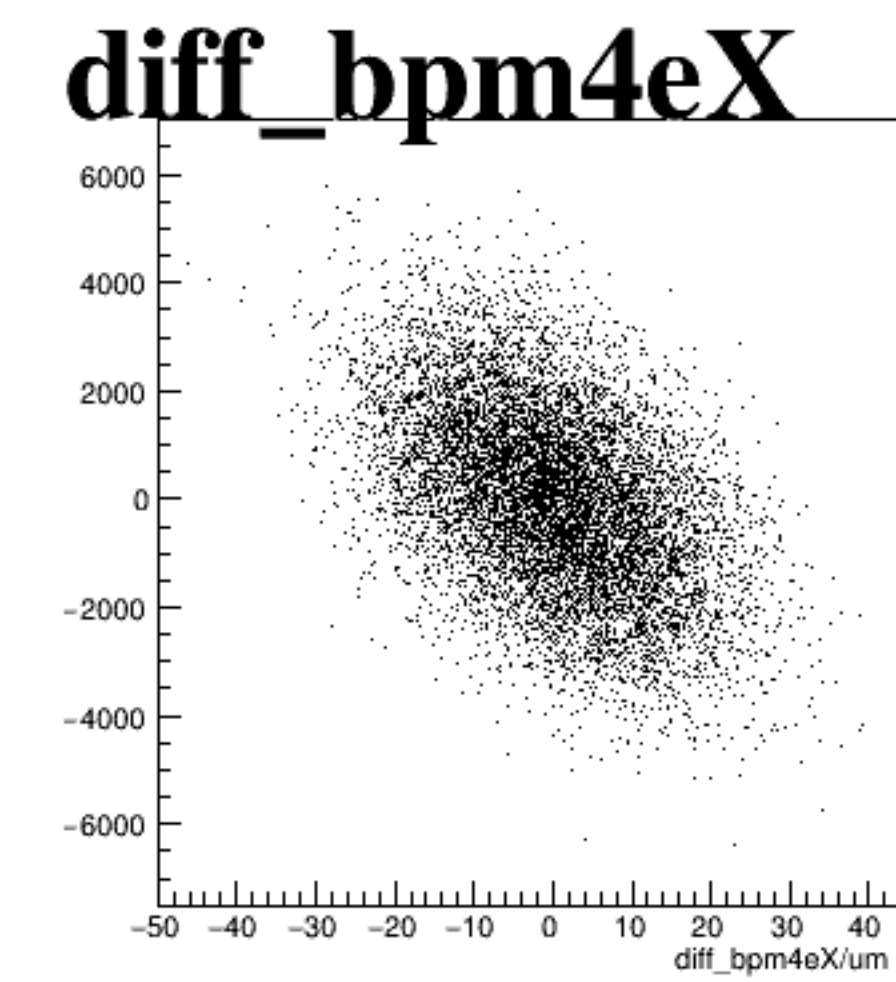
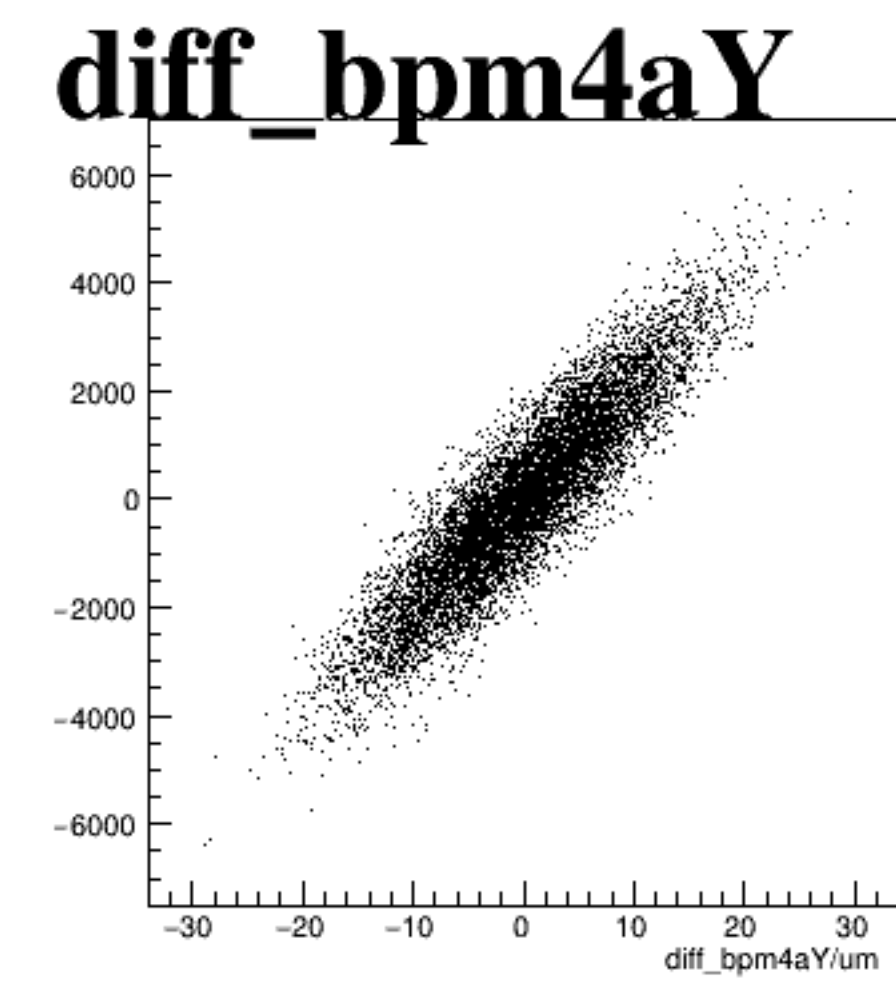
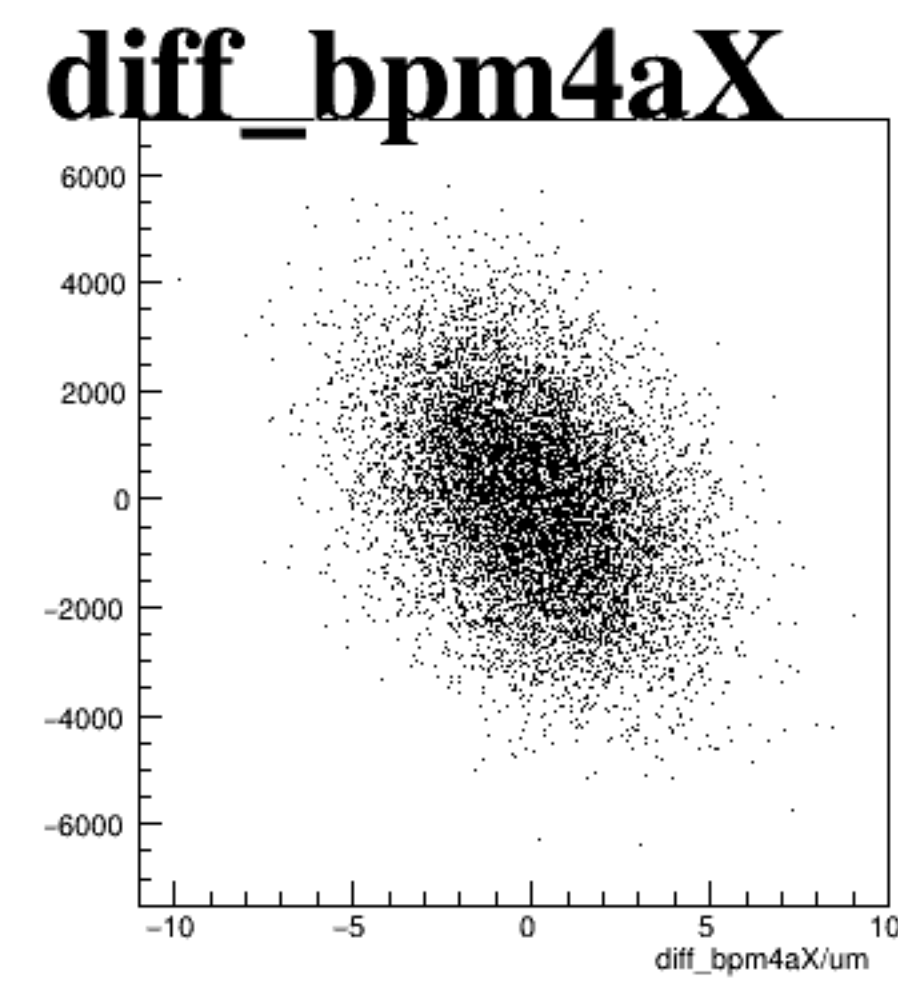
asym_sam1



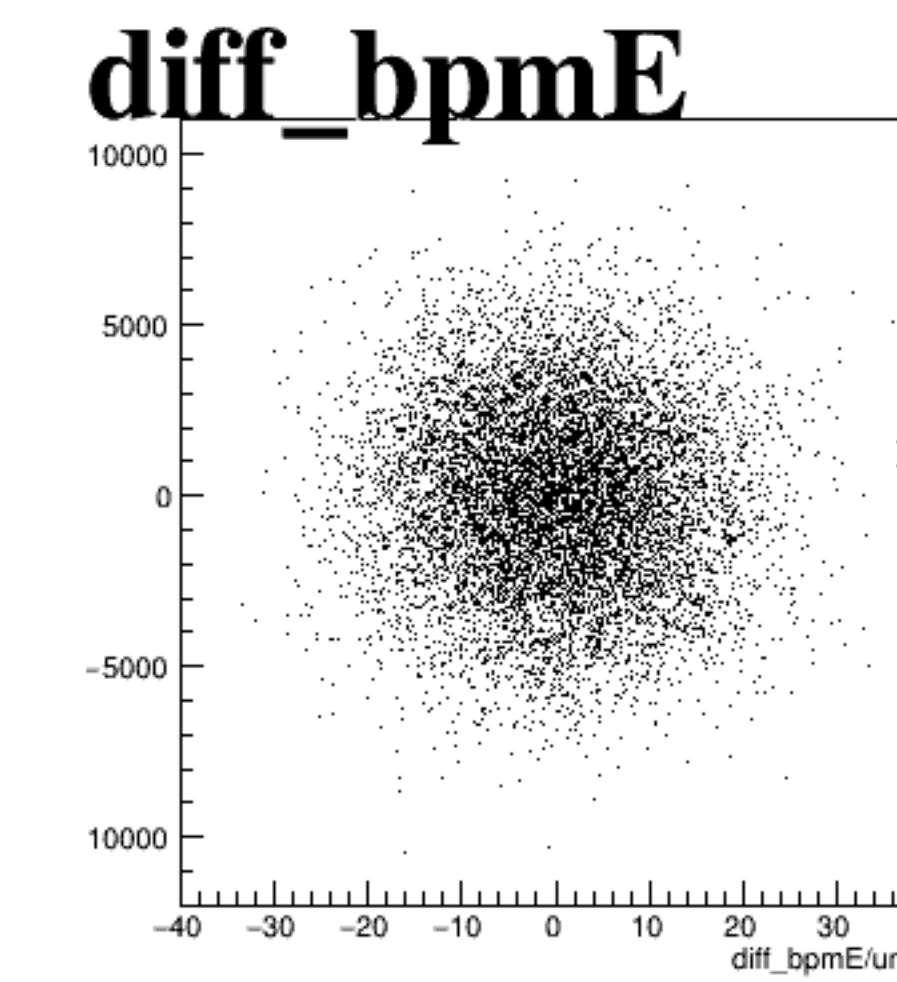
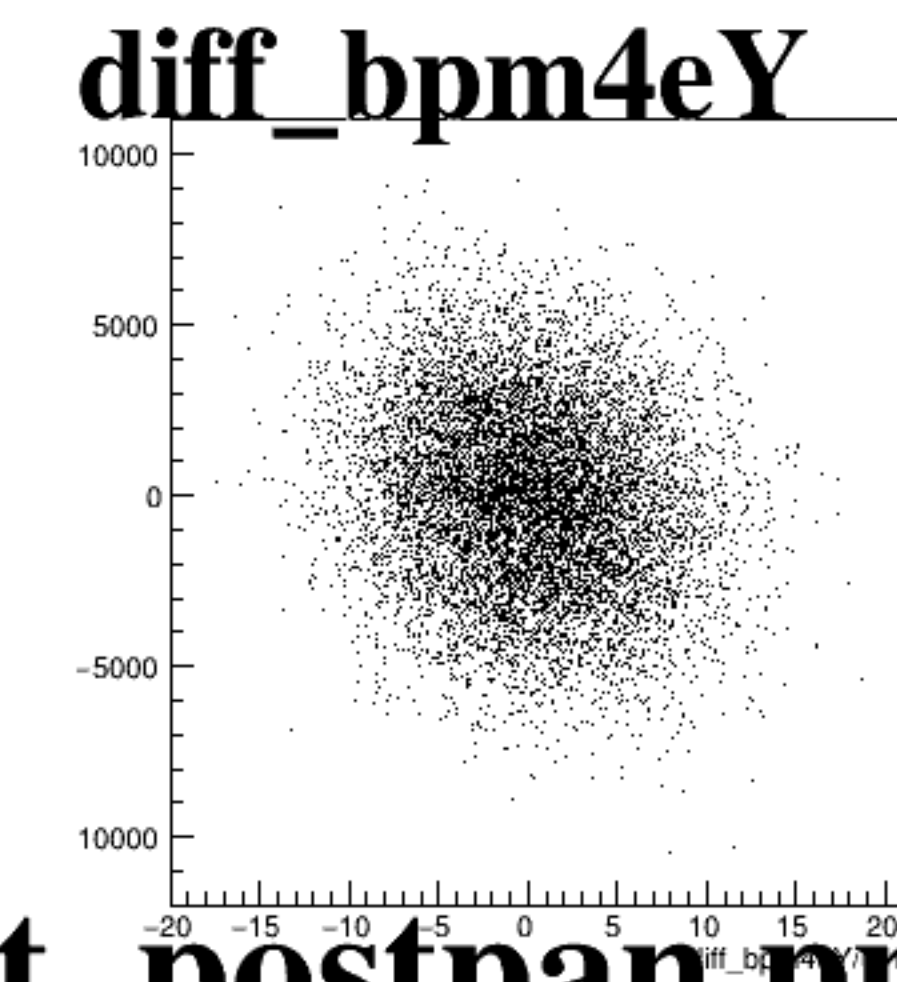
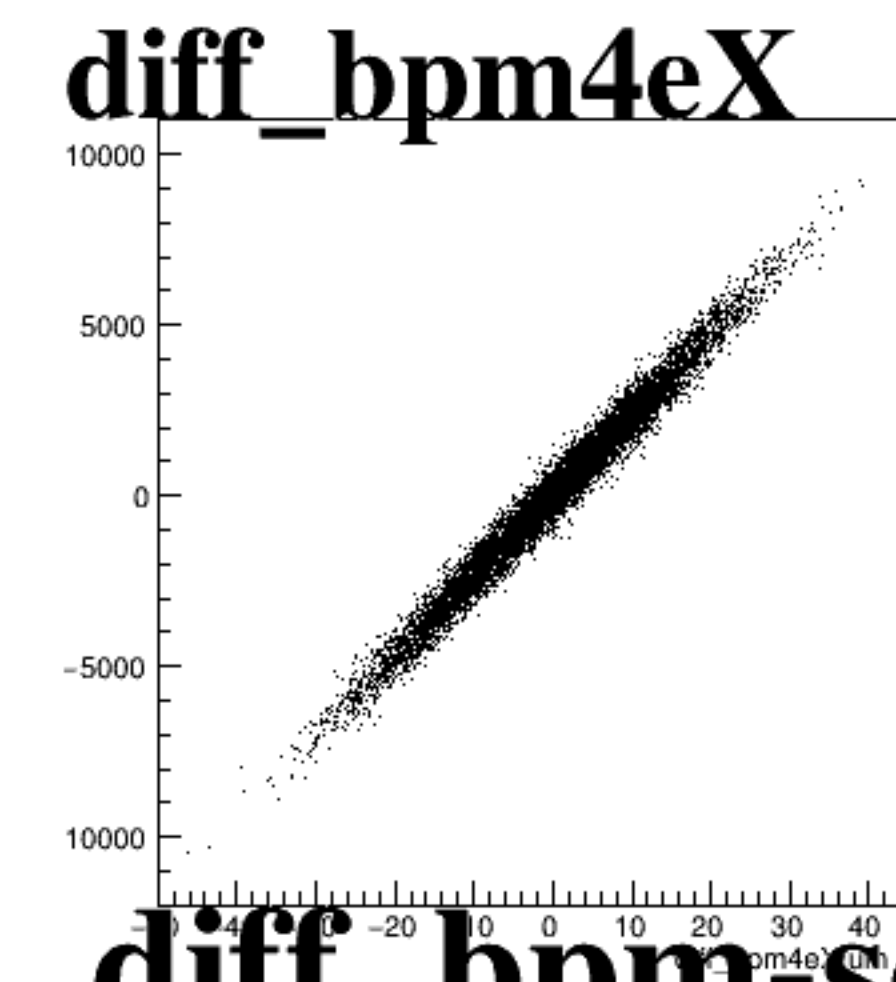
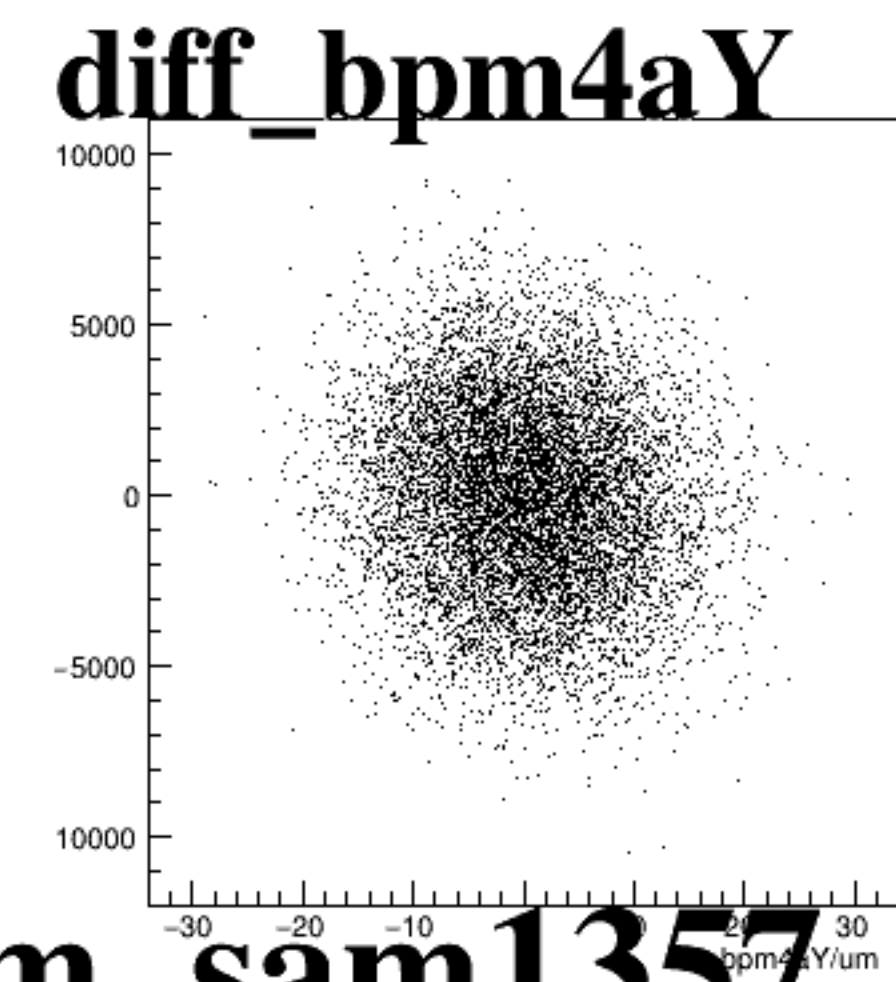
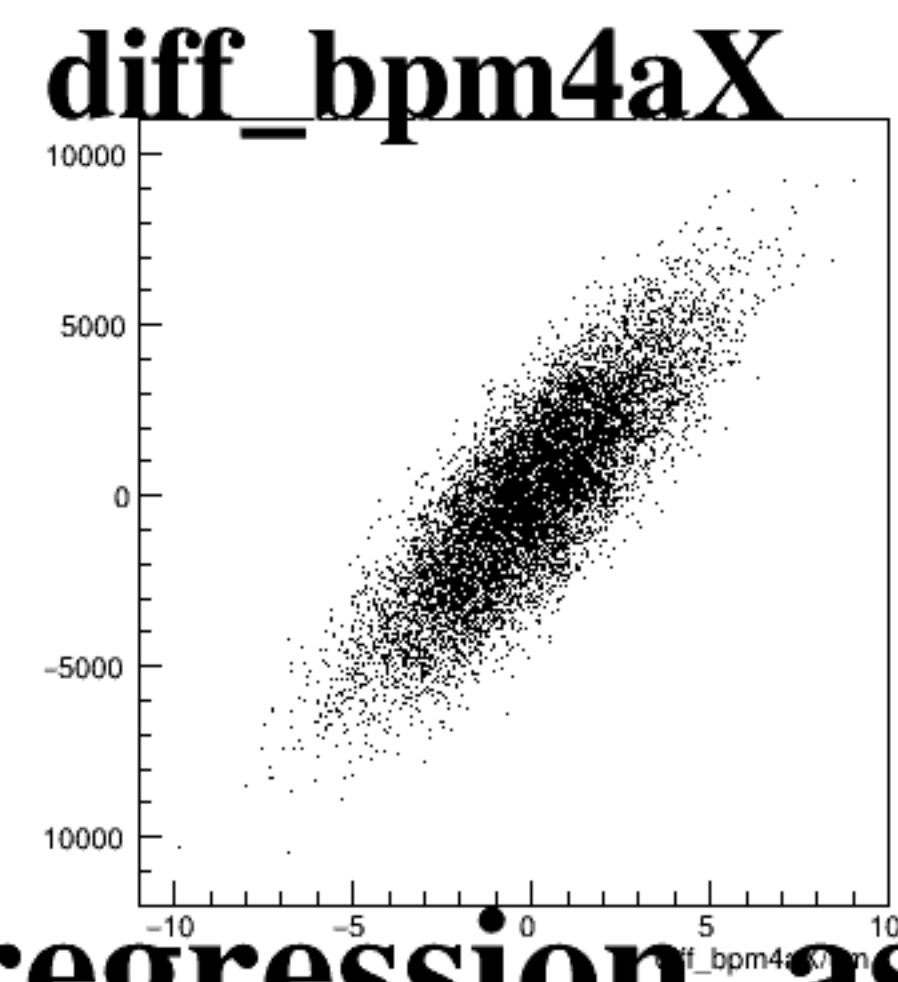
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the distribution of difference coordinates for a specific BPM. The y-axis for all plots ranges from -6000 to 4000. The x-axis labels and ranges are as follows:

- diff_bpm4aX**: x-axis ranges from -10 to 10.
- diff_bpm4aY**: x-axis ranges from -30 to 30.
- diff_bpm4eX**: x-axis ranges from -50 to 40.
- diff_bpm4eY**: x-axis ranges from -20 to 20.
- diff_bpmE**: x-axis ranges from -40 to 40.

All plots show a dense, roughly circular cloud of points centered at (0,0), indicating a Gaussian-like distribution of the difference coordinates.

diff_bpm4aX

diff_bpm4aY

diff_bpm4eX

diff_bpm4eY

diff_bpmE

run3607_000_regression_reg_sam1357_vs_diff_bpm-scat_postpan.png