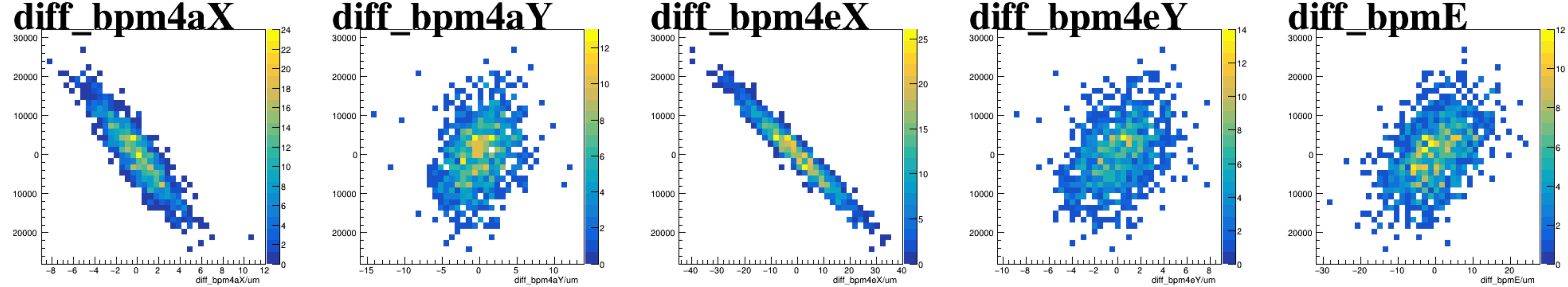
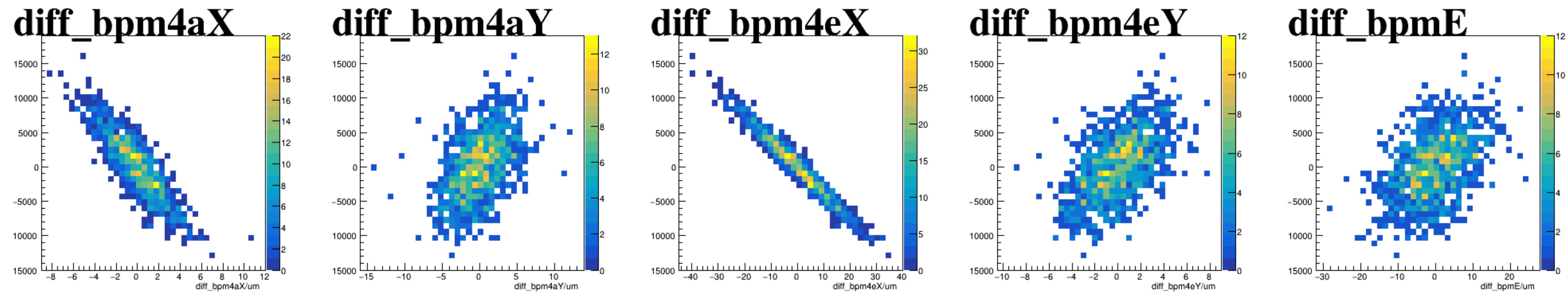


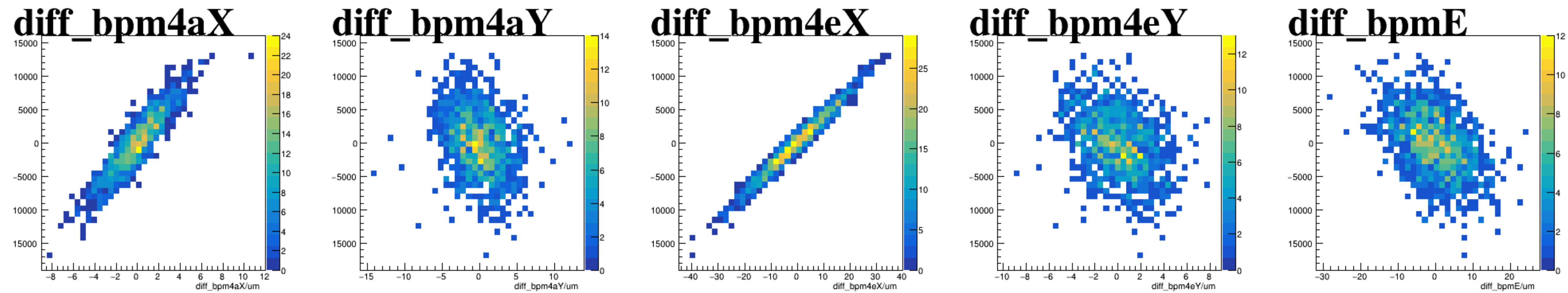
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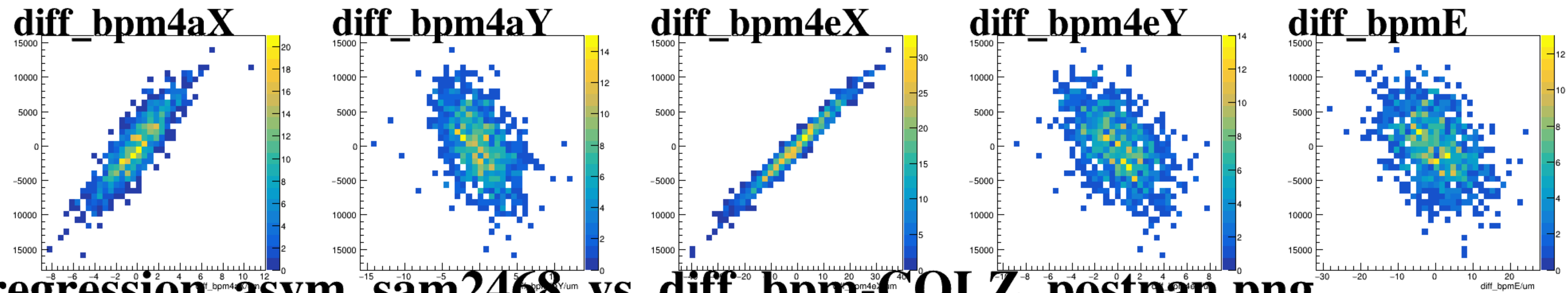
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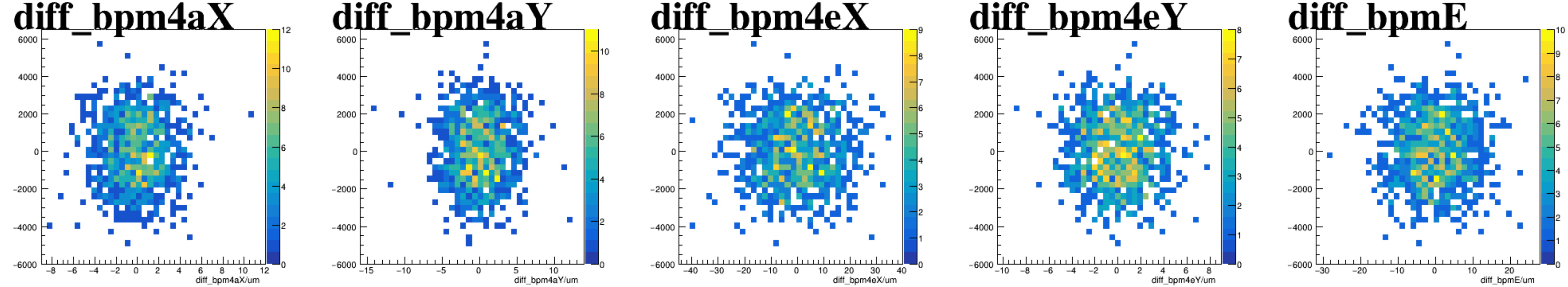
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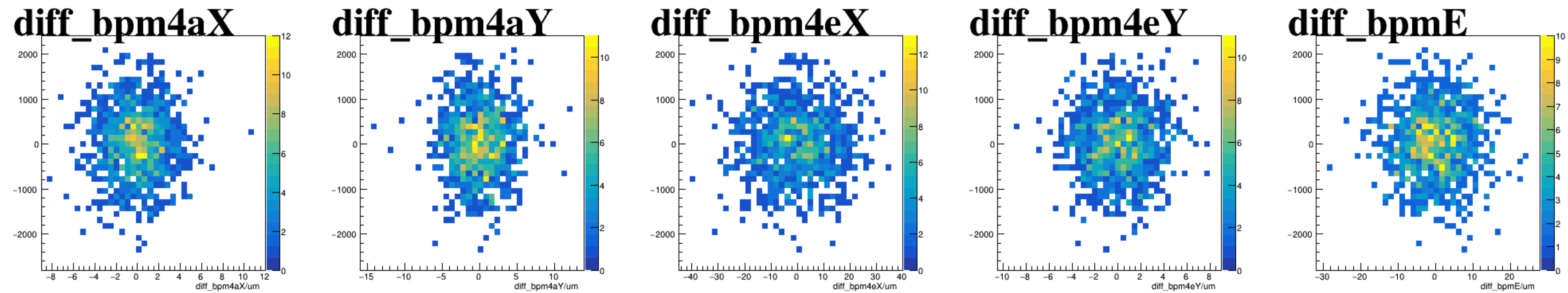
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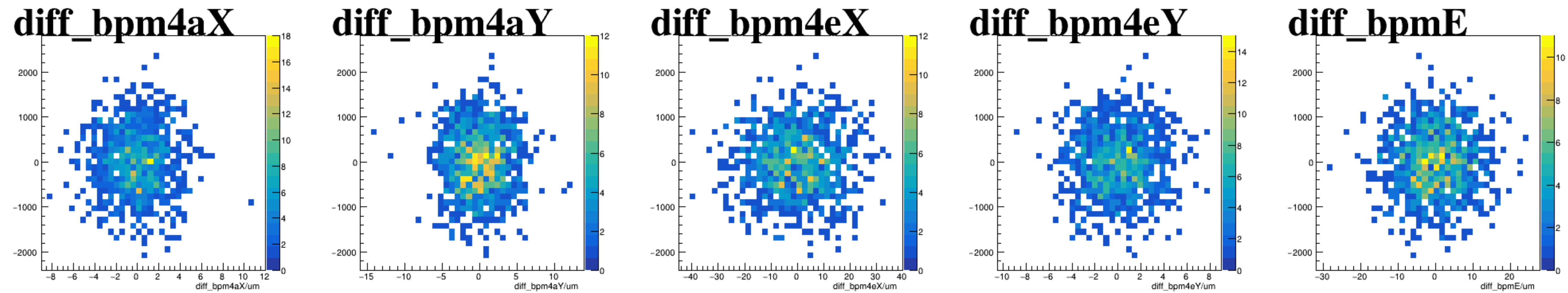
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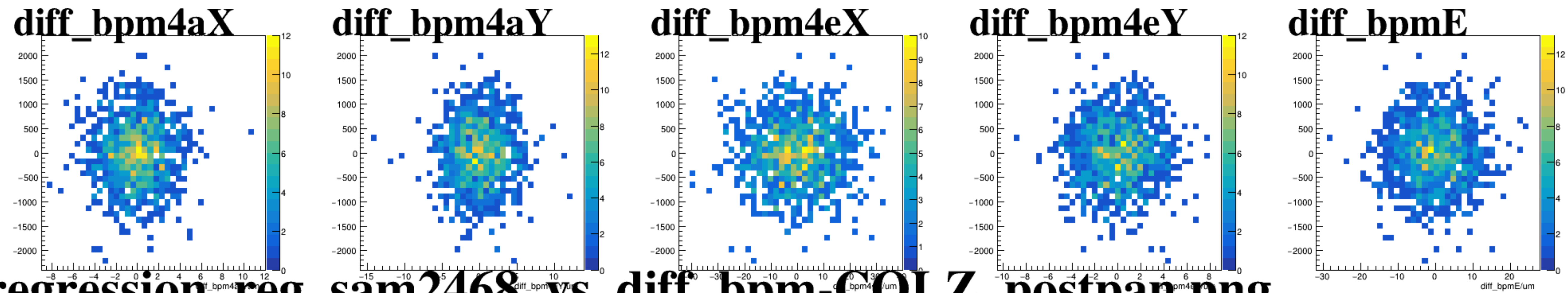
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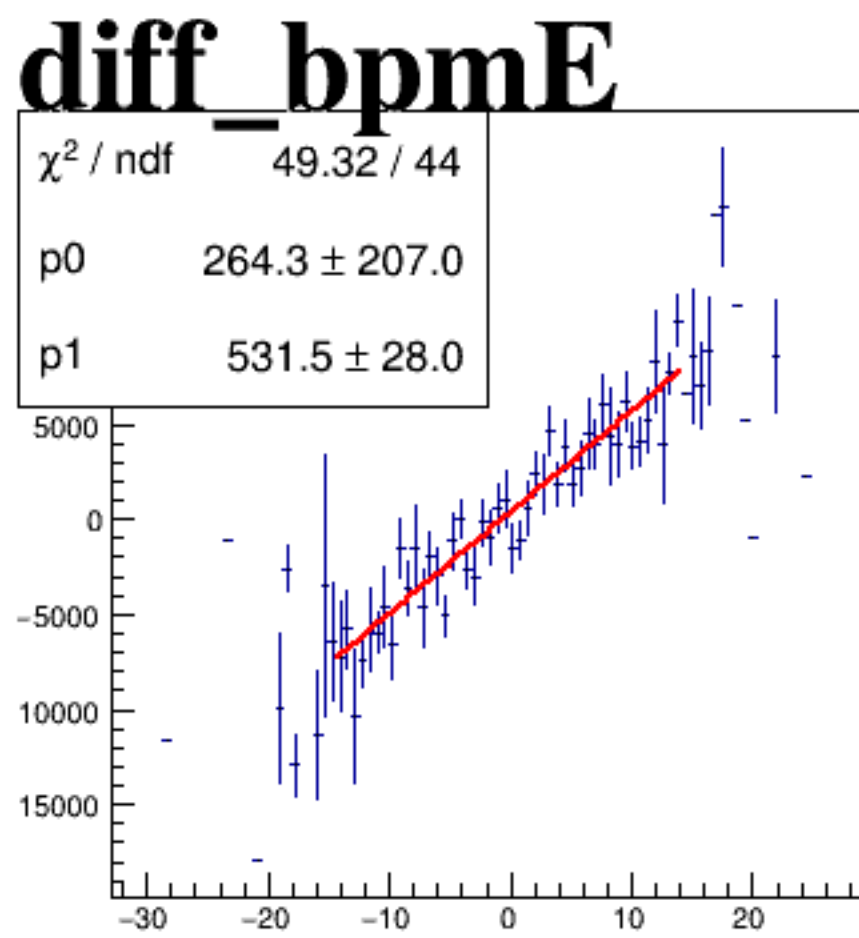
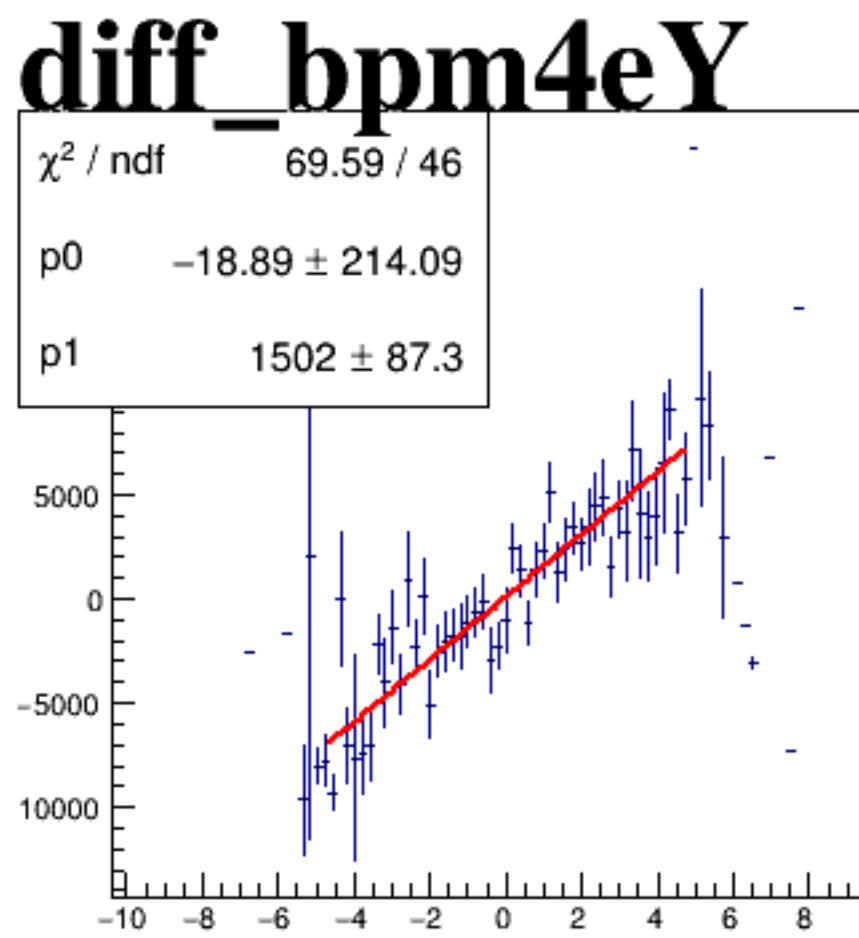
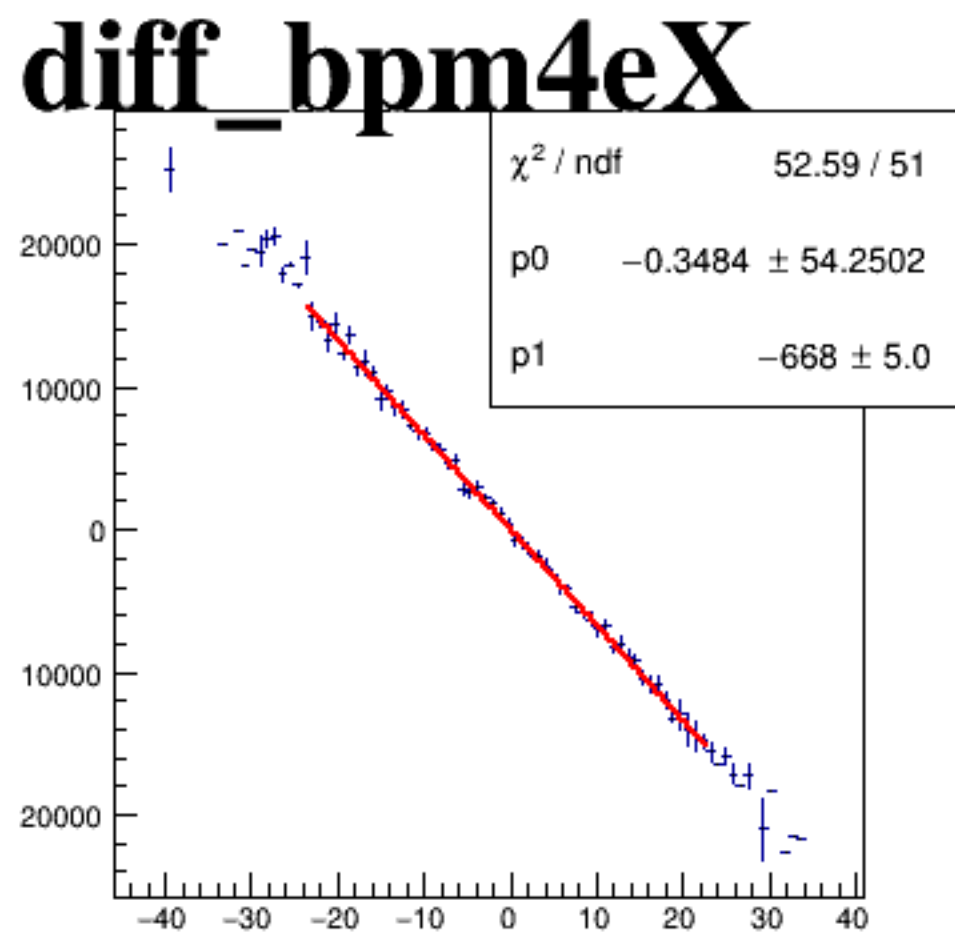
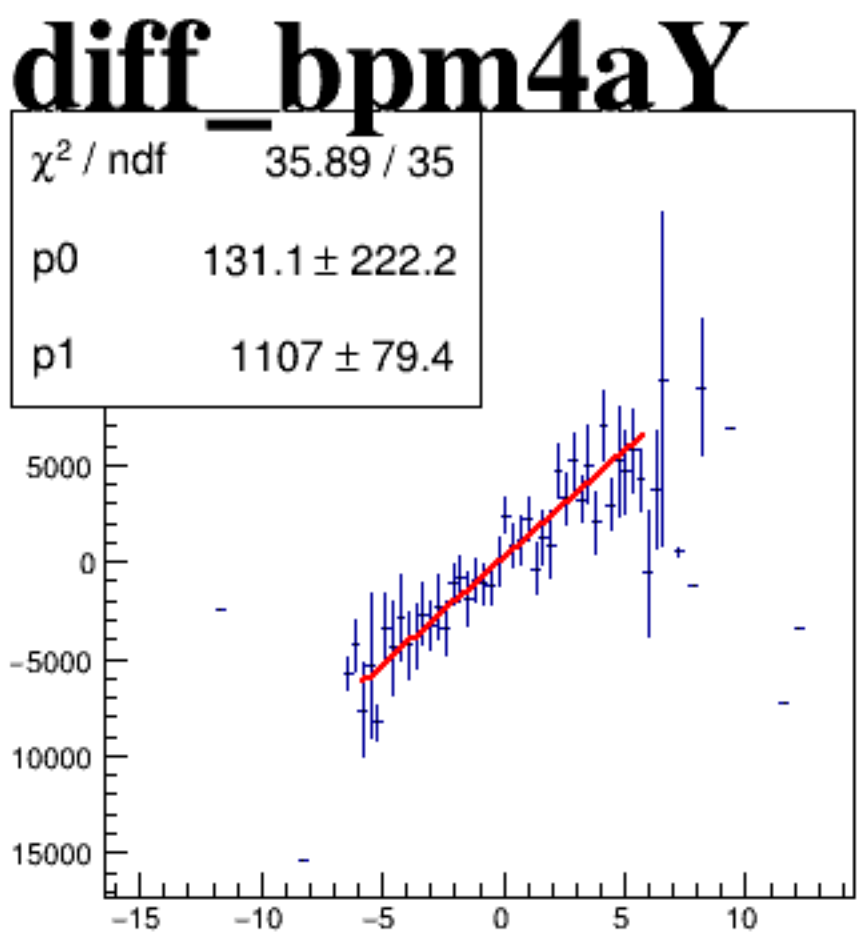
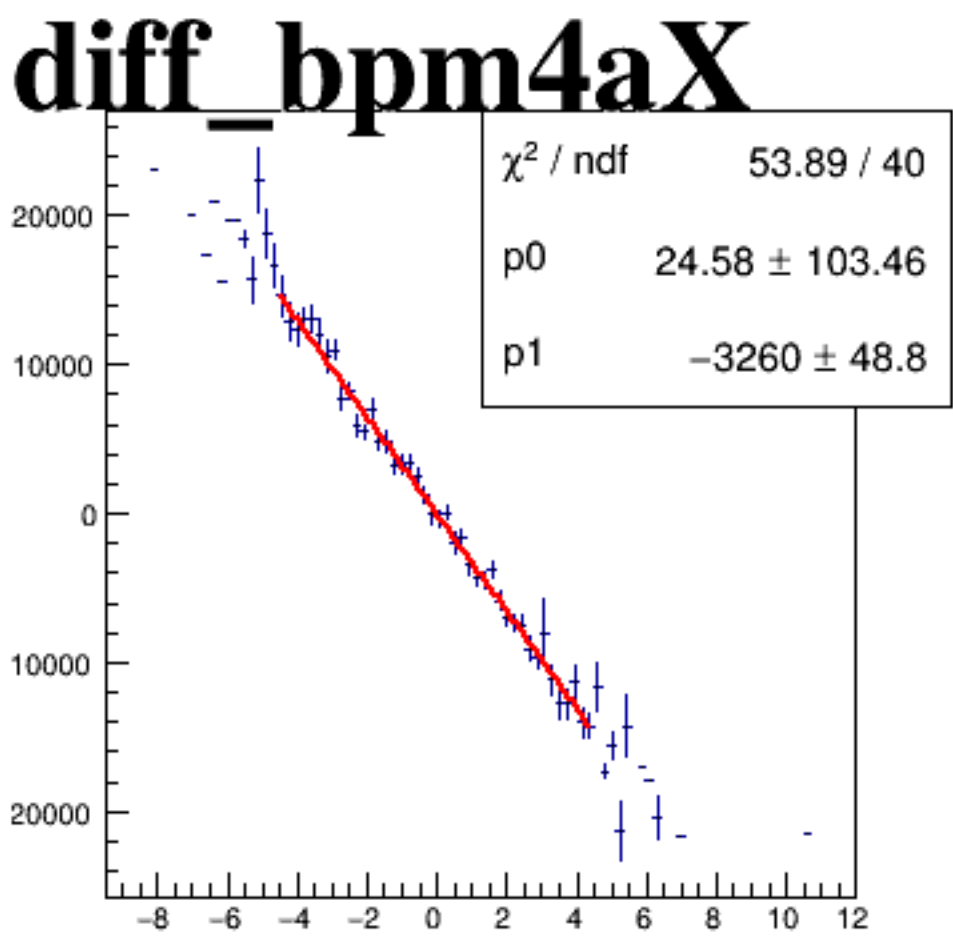
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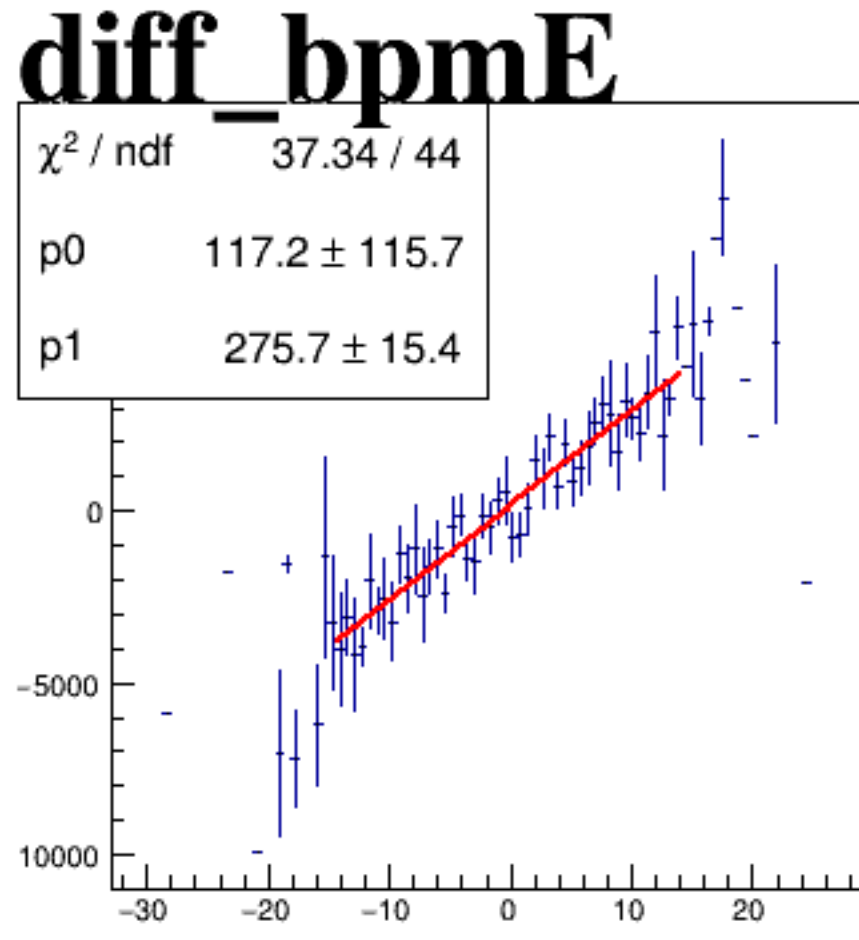
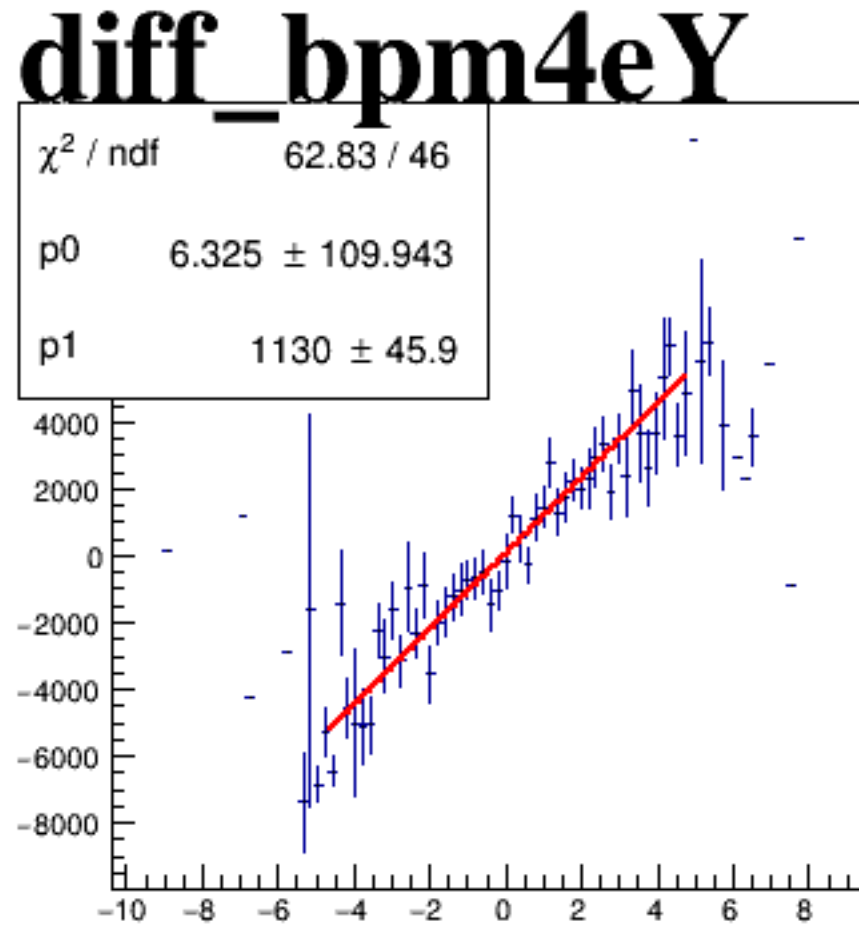
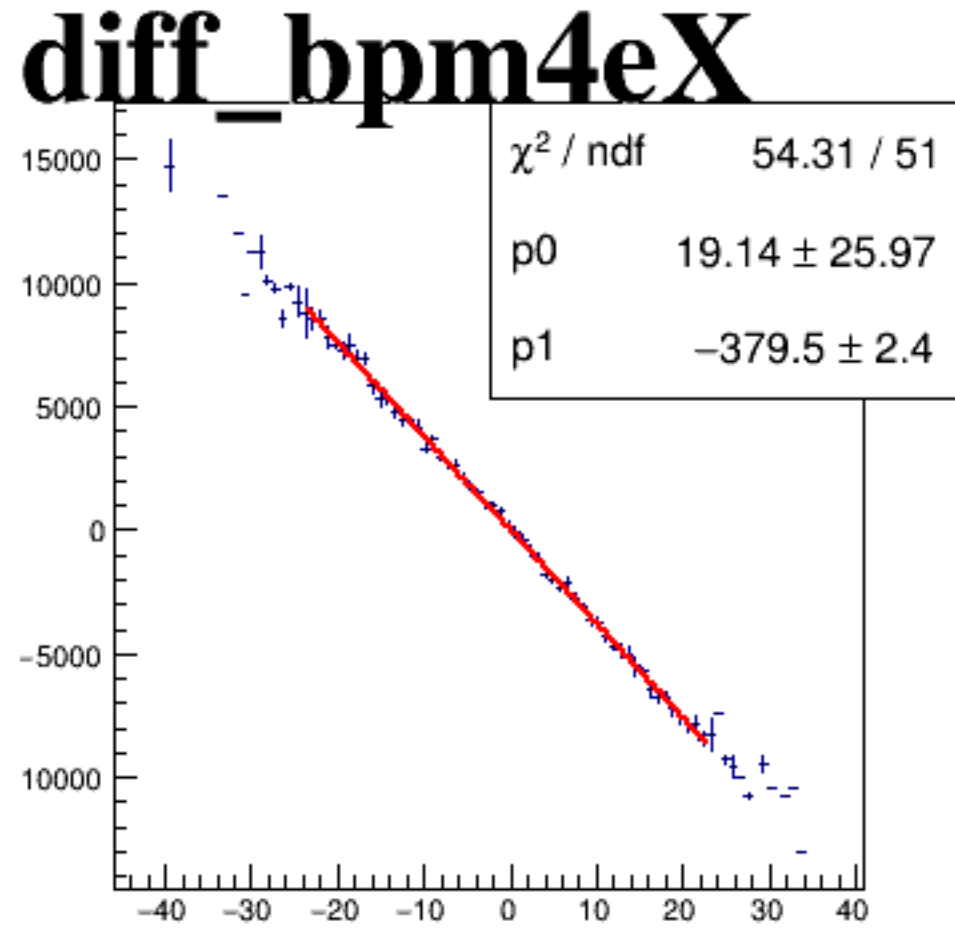
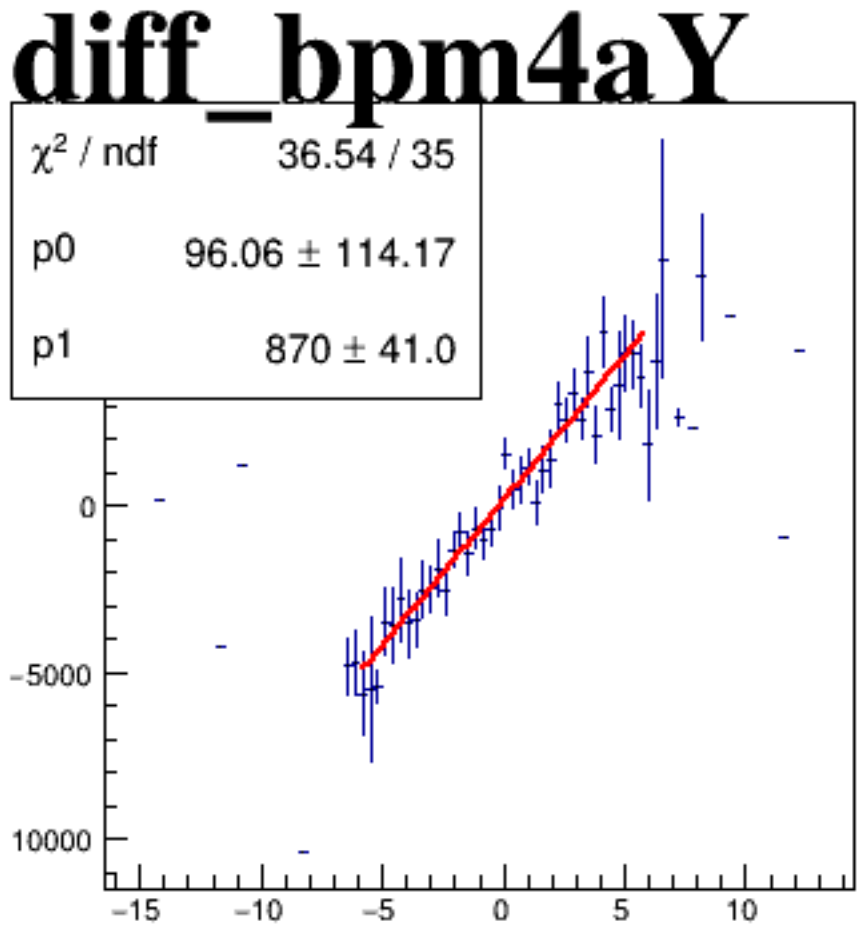
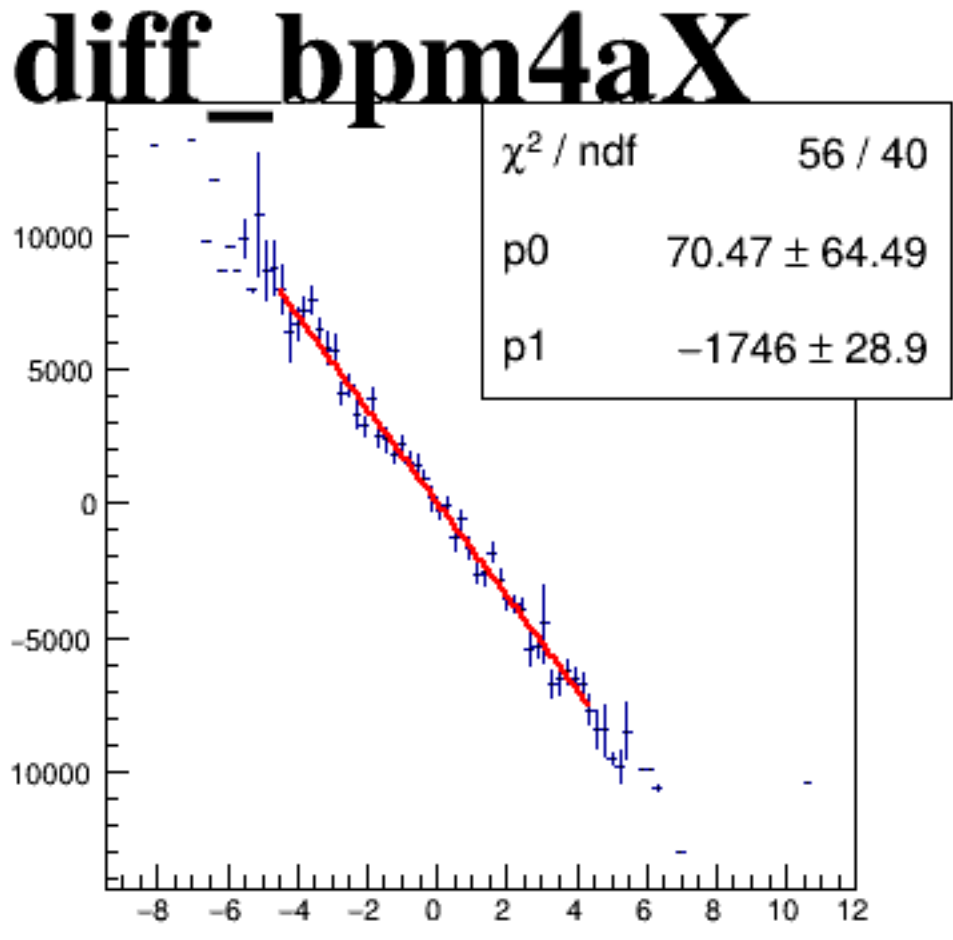
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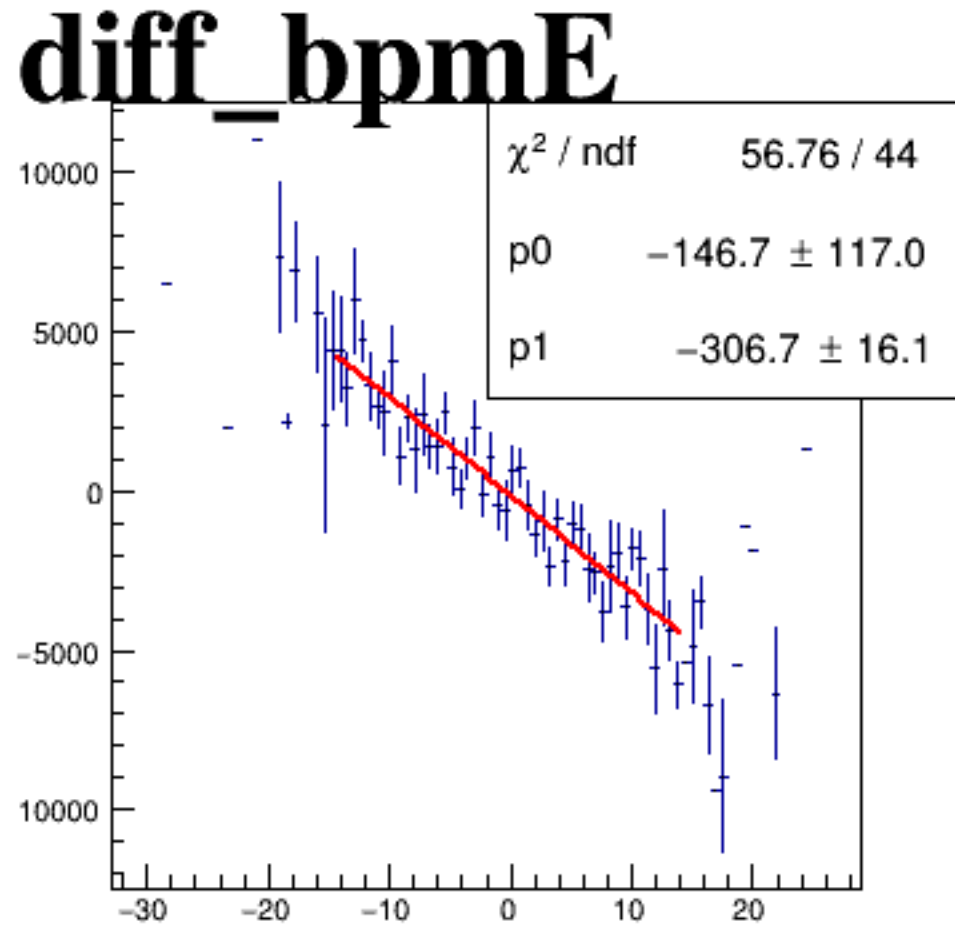
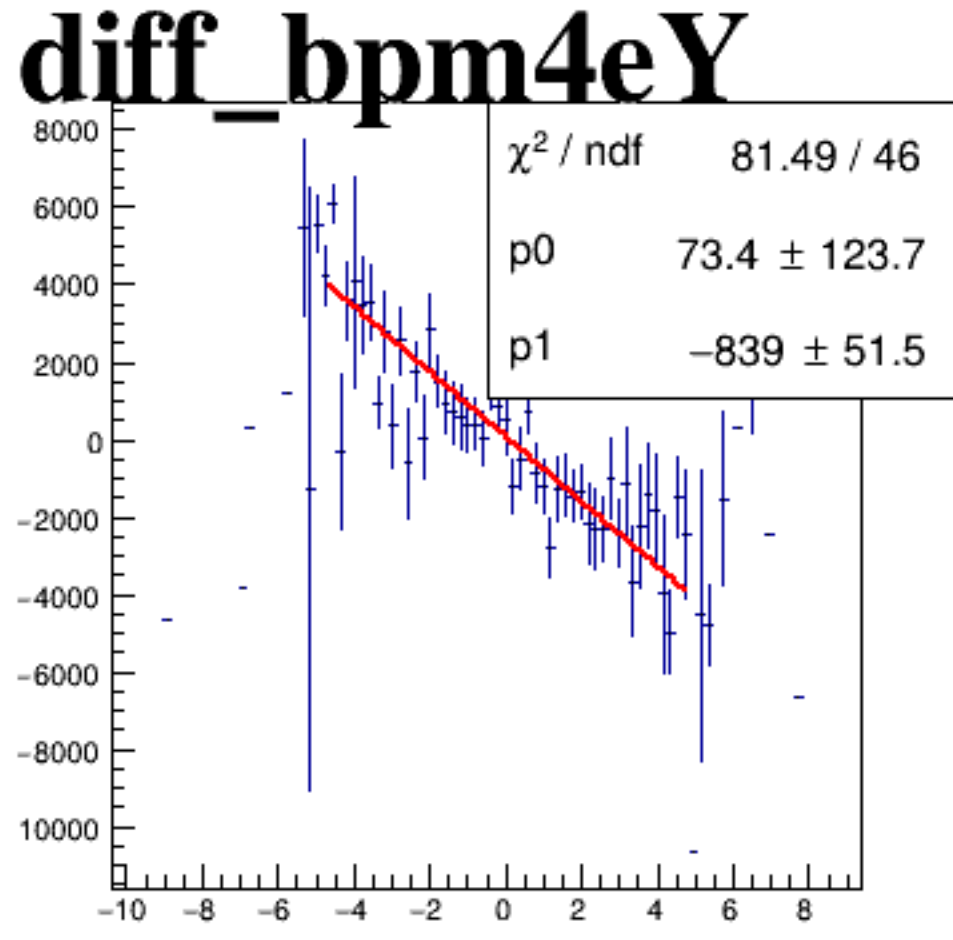
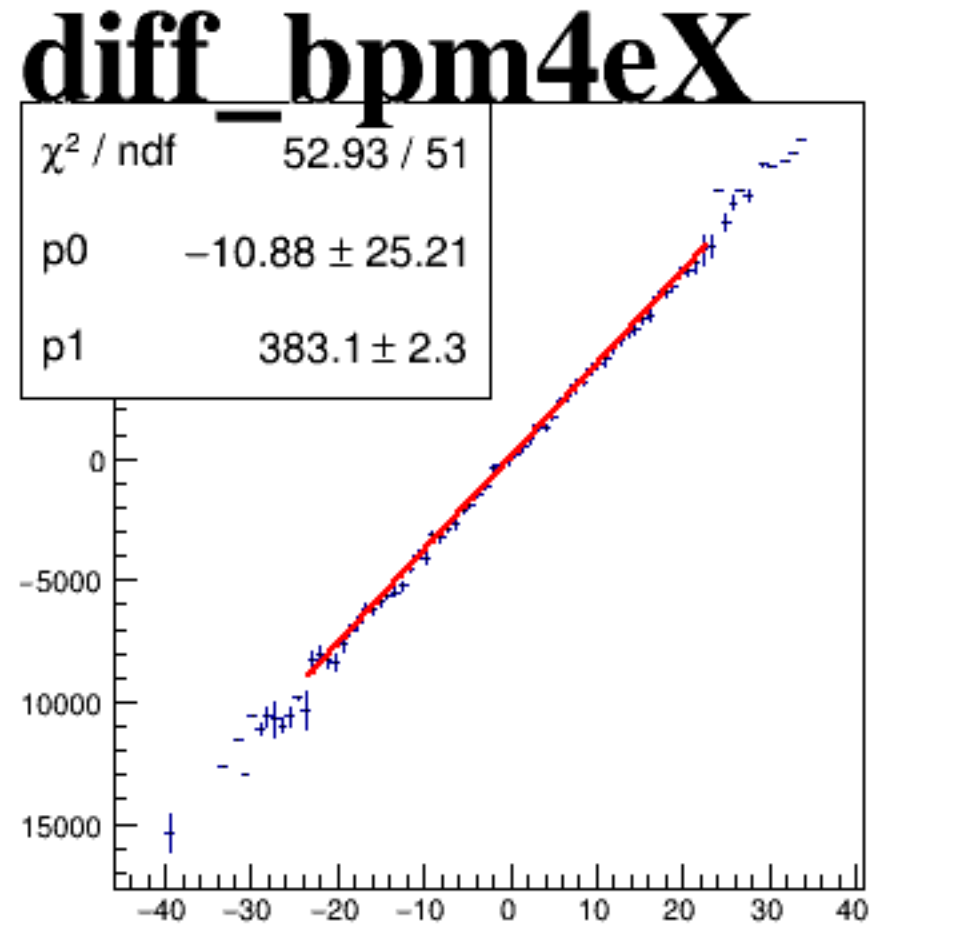
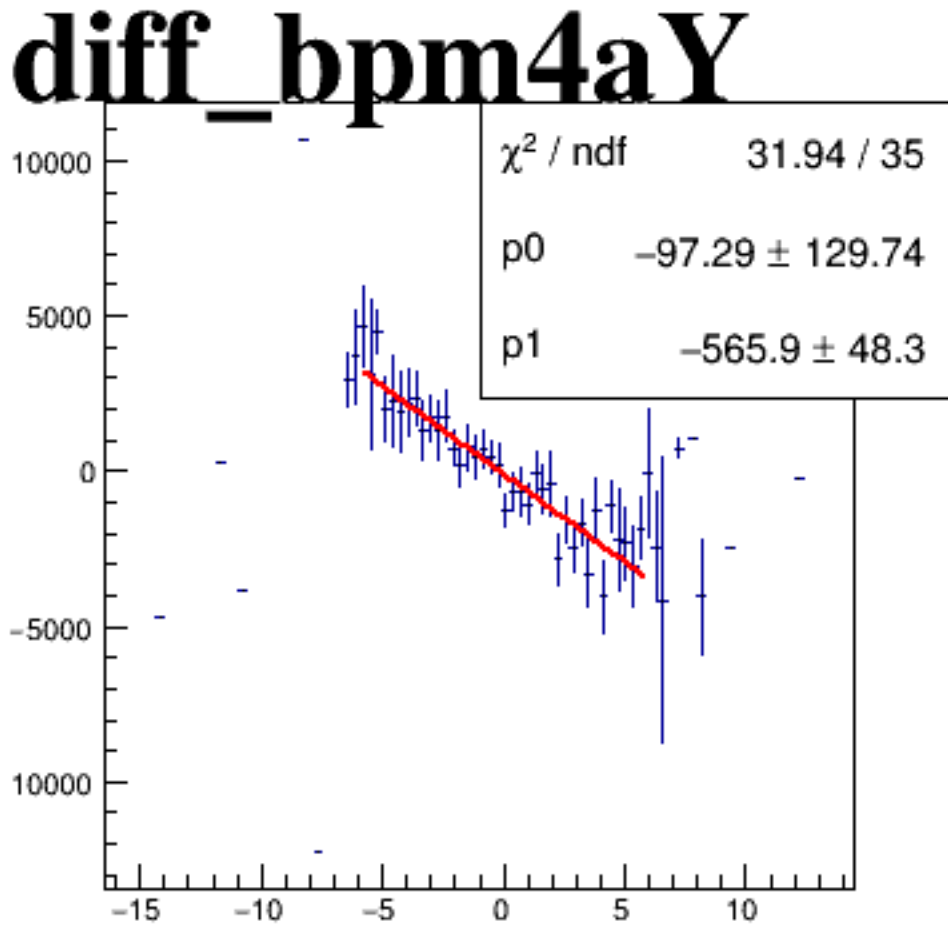
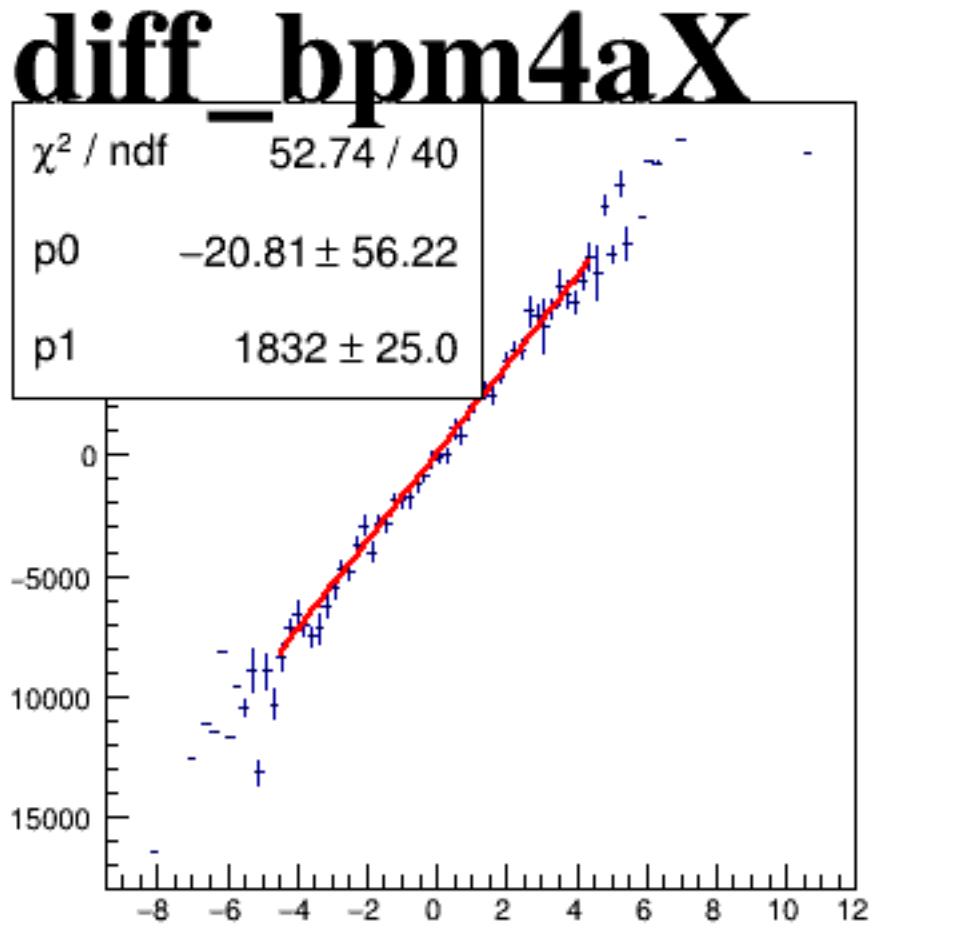
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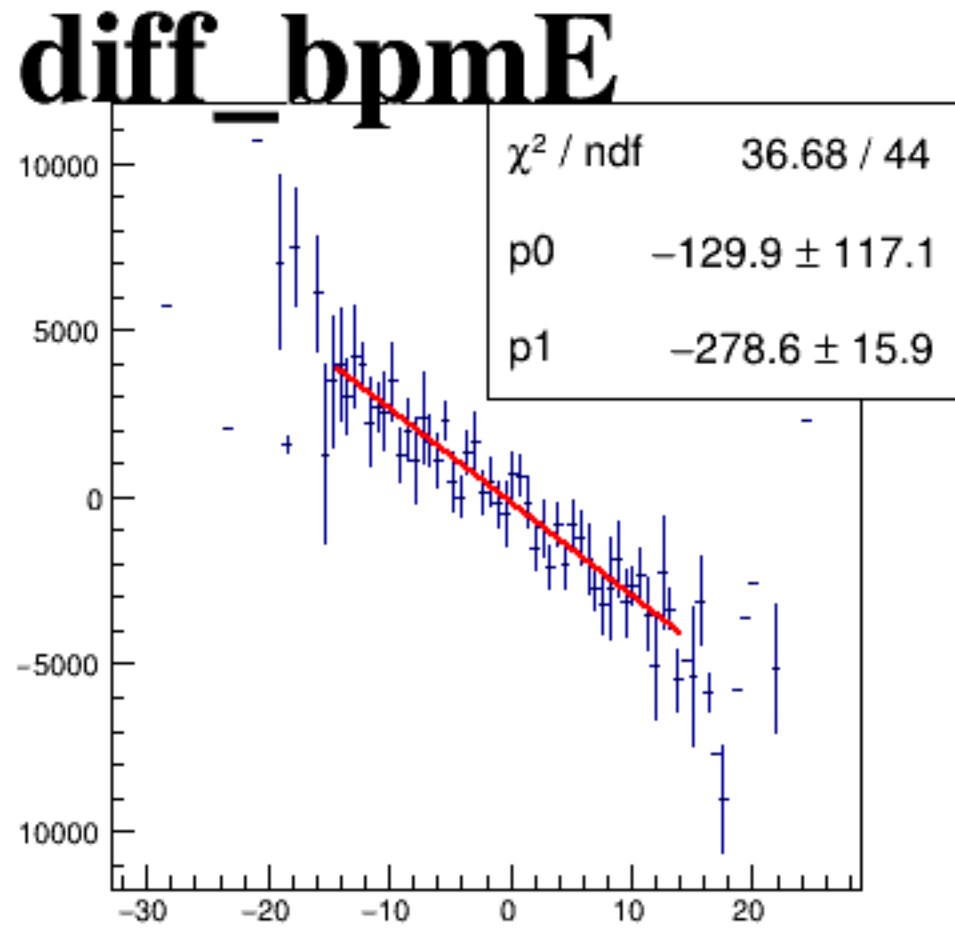
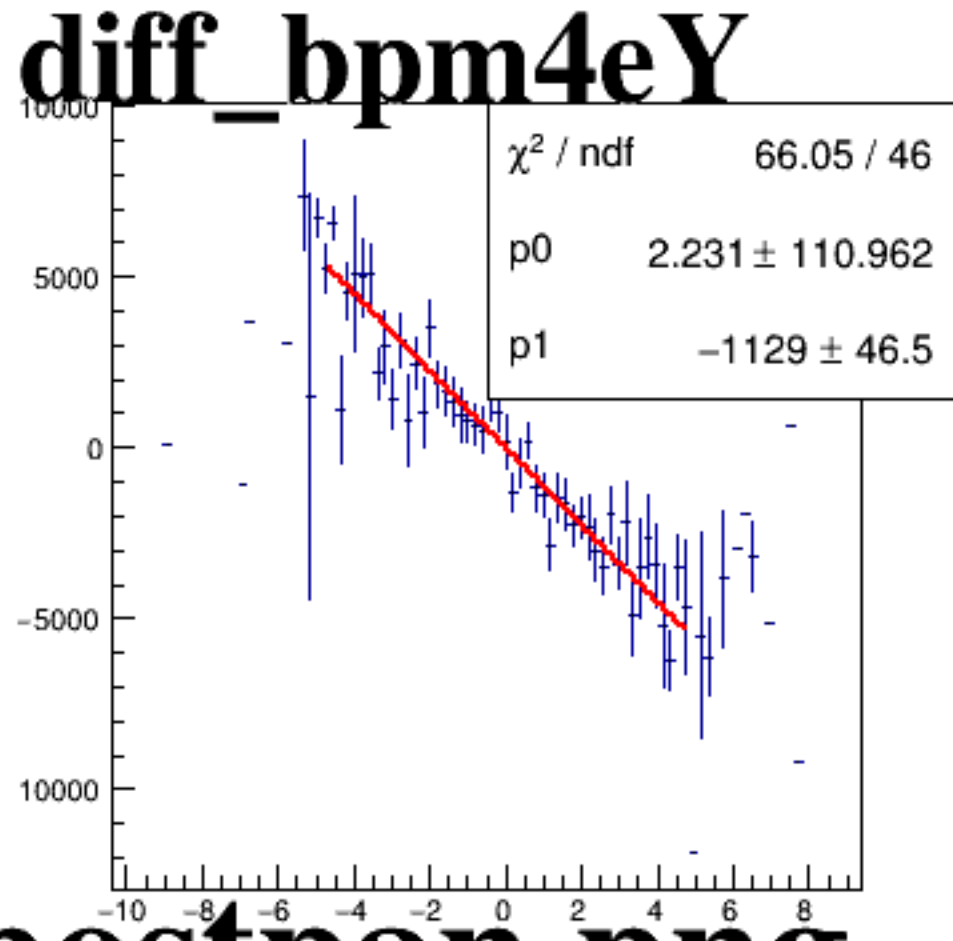
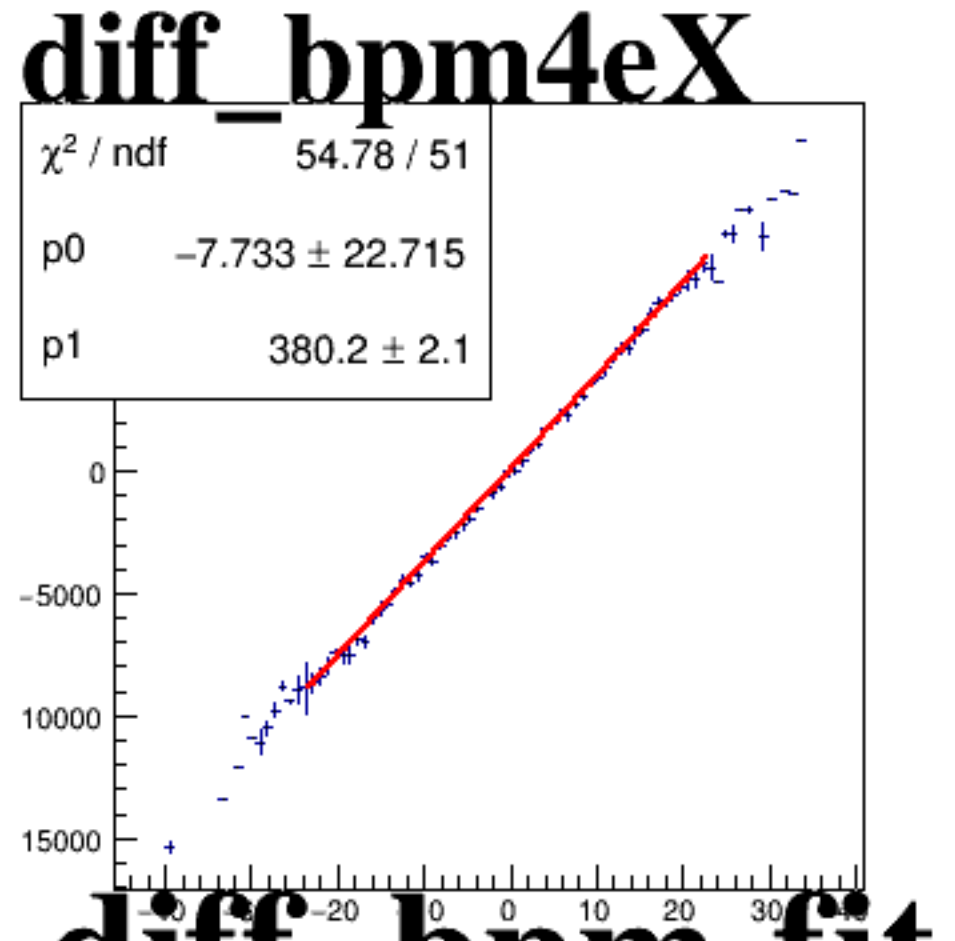
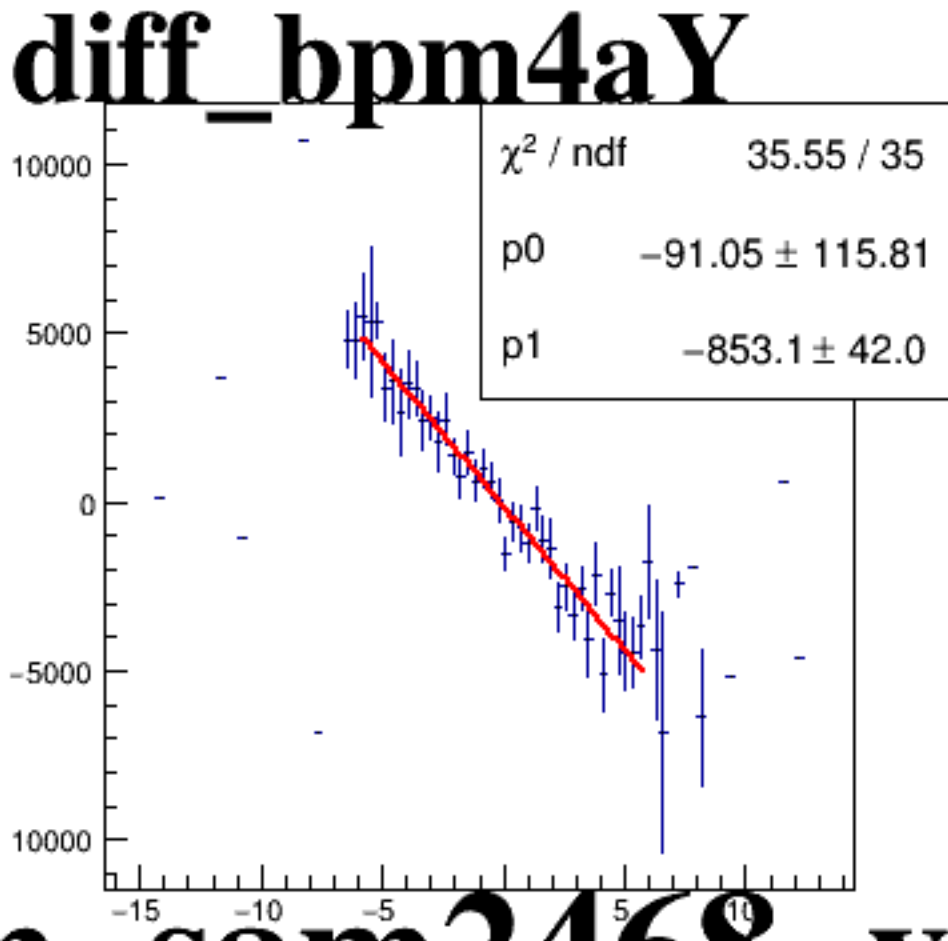
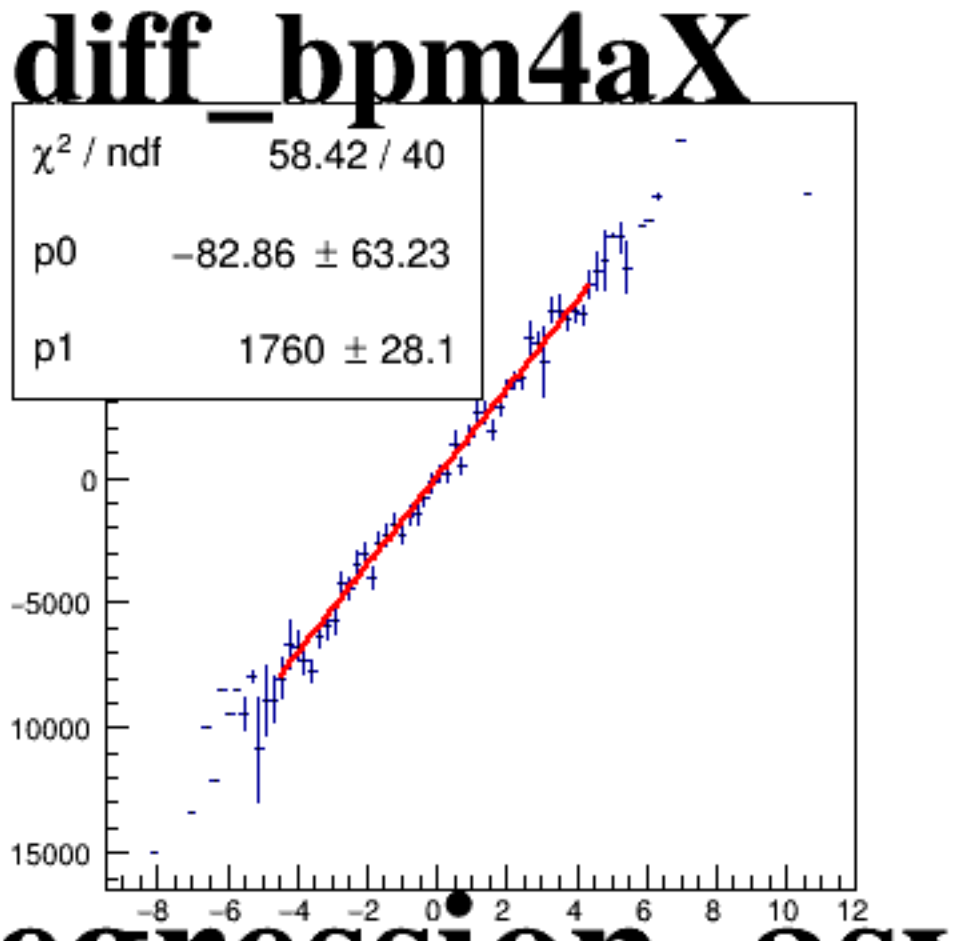
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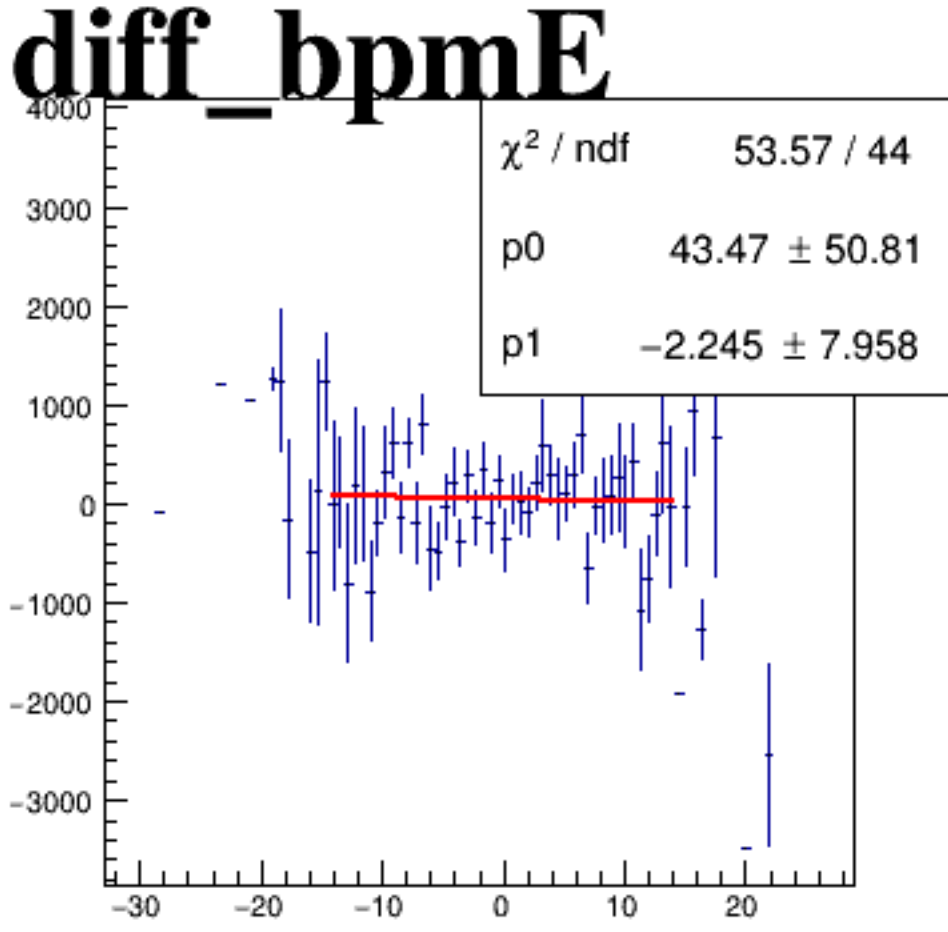
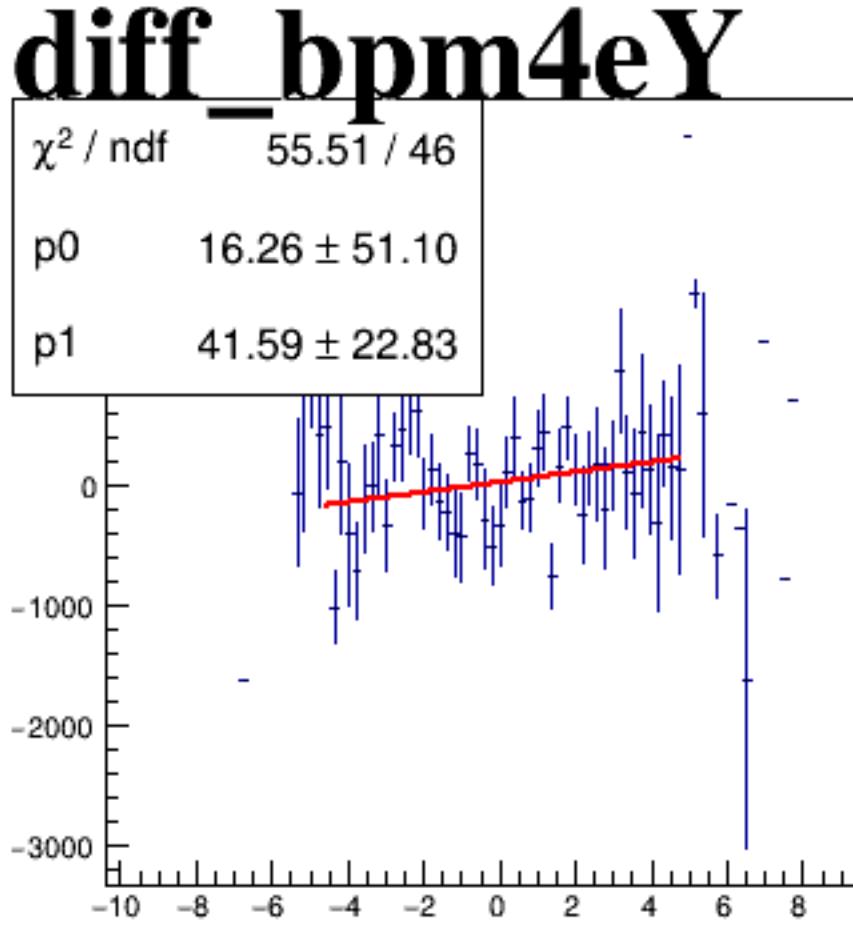
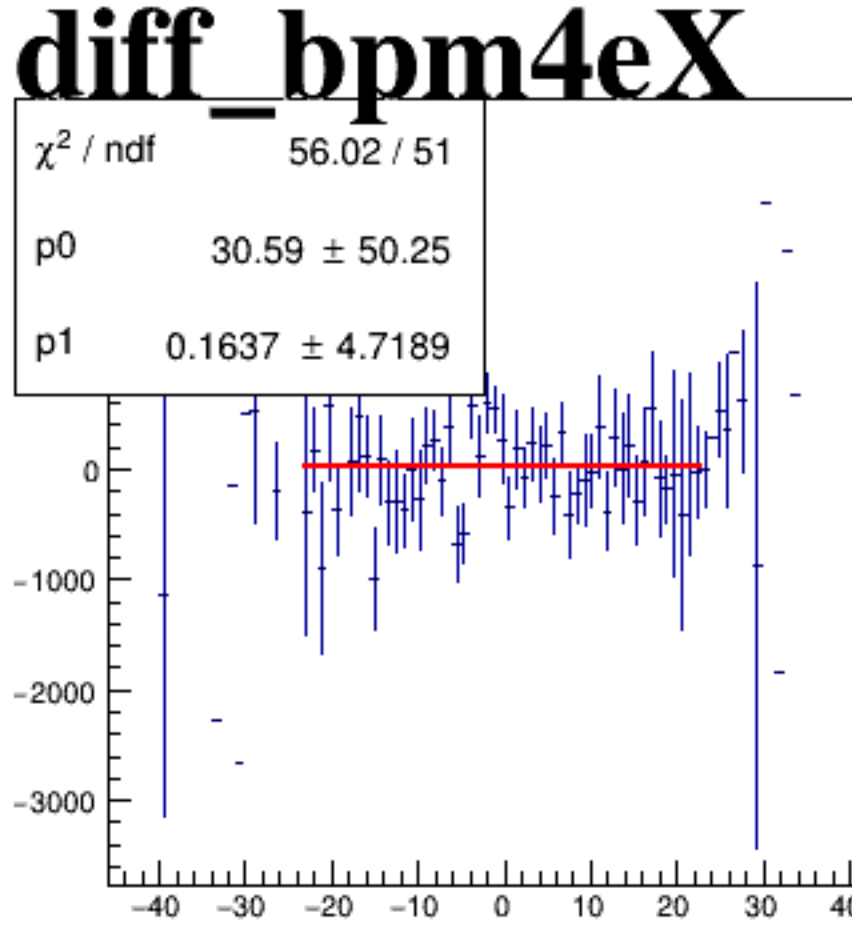
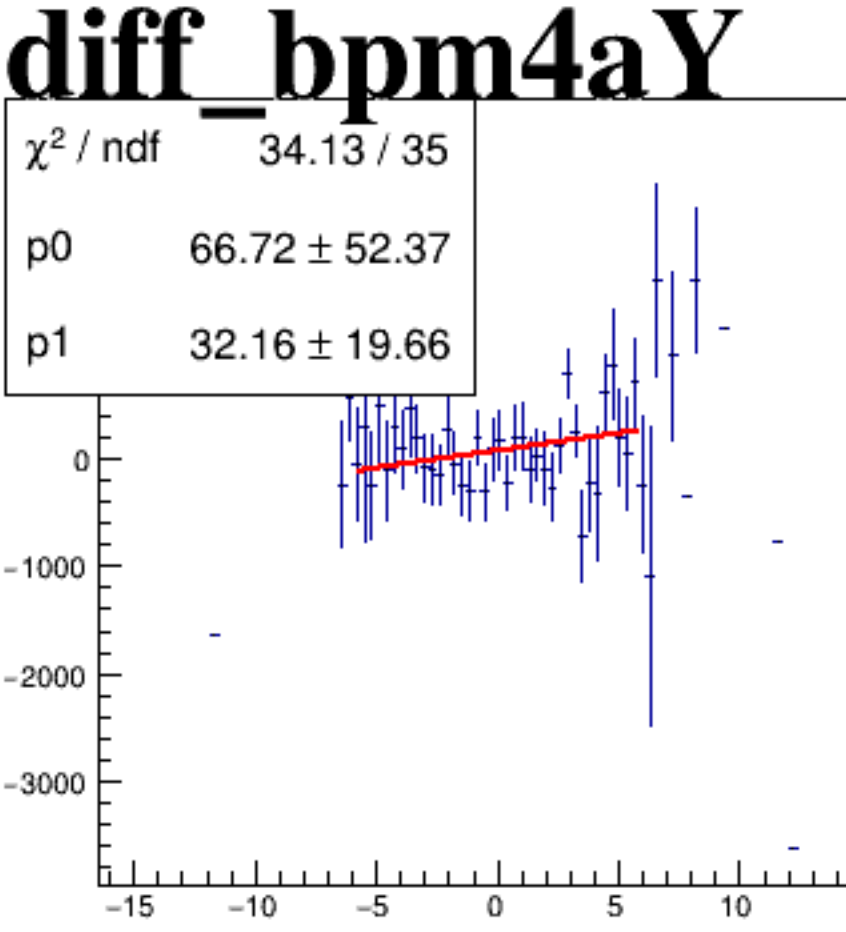
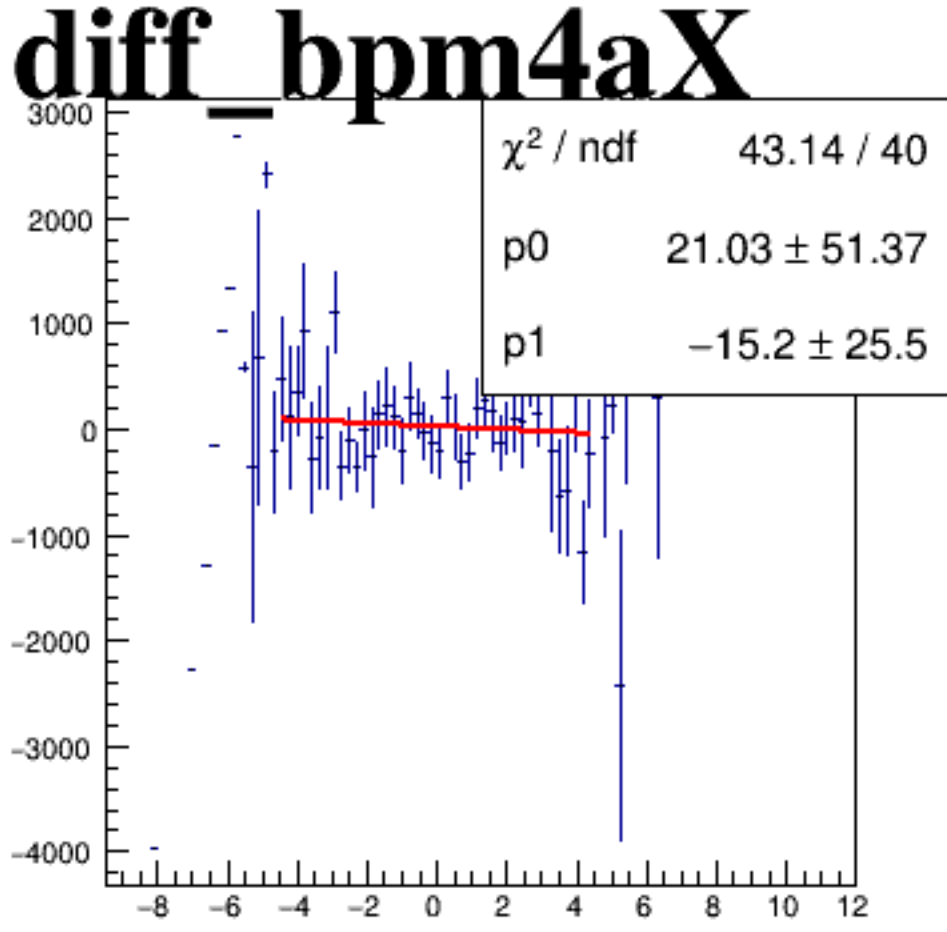
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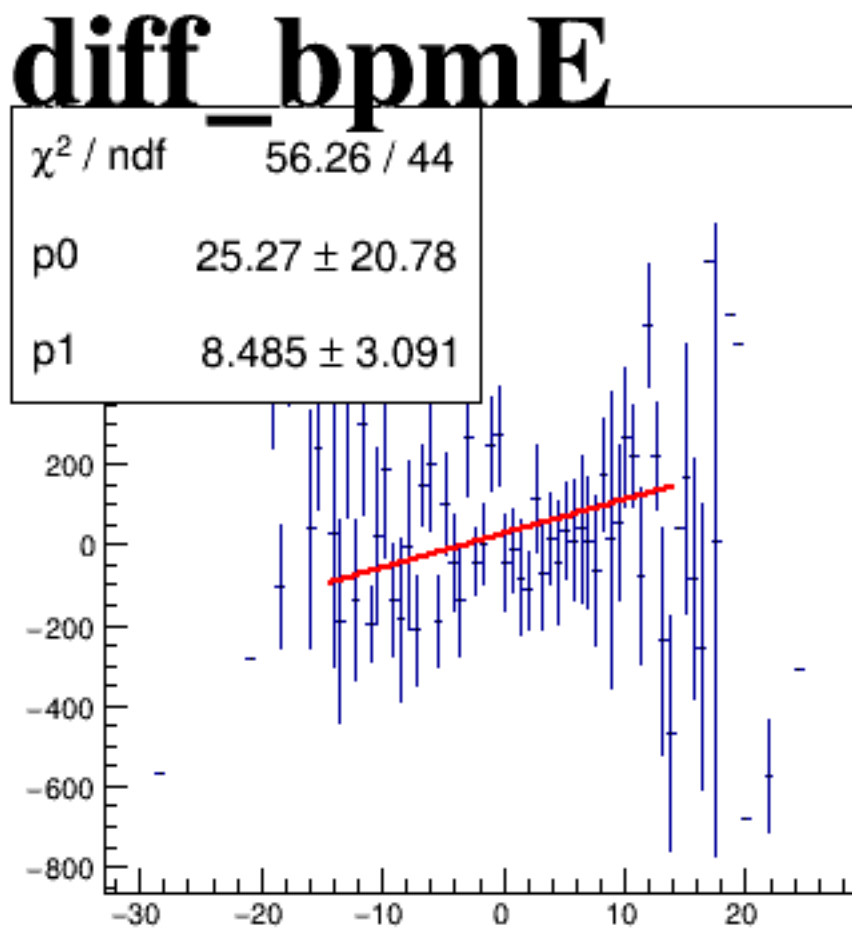
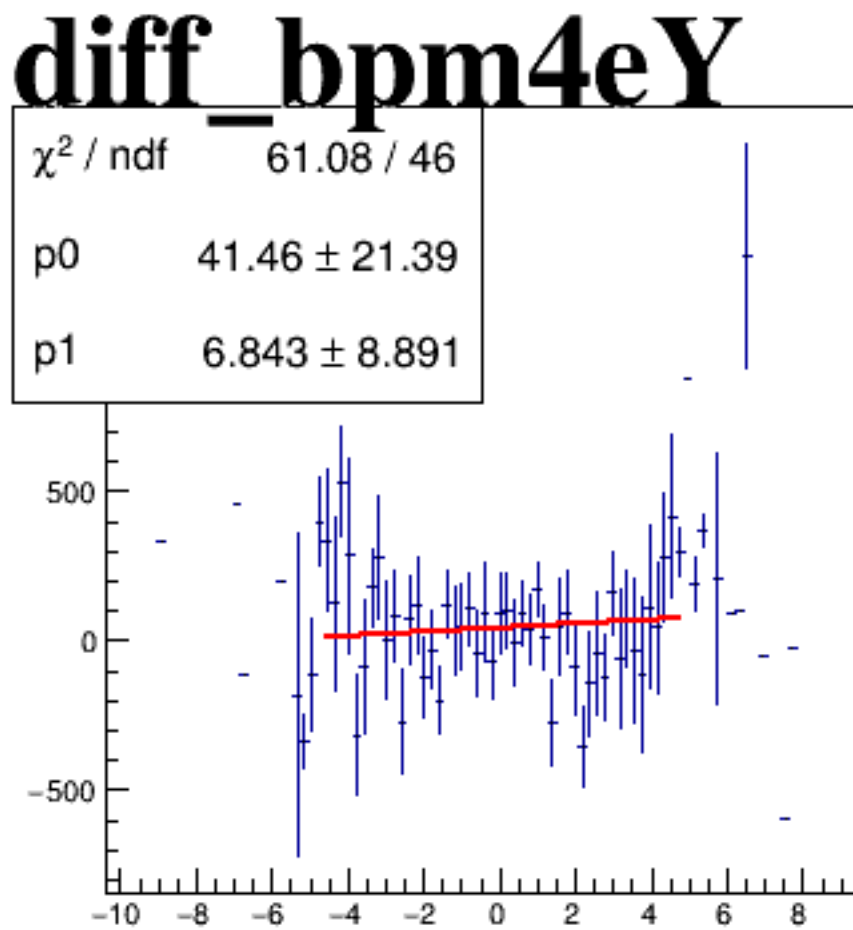
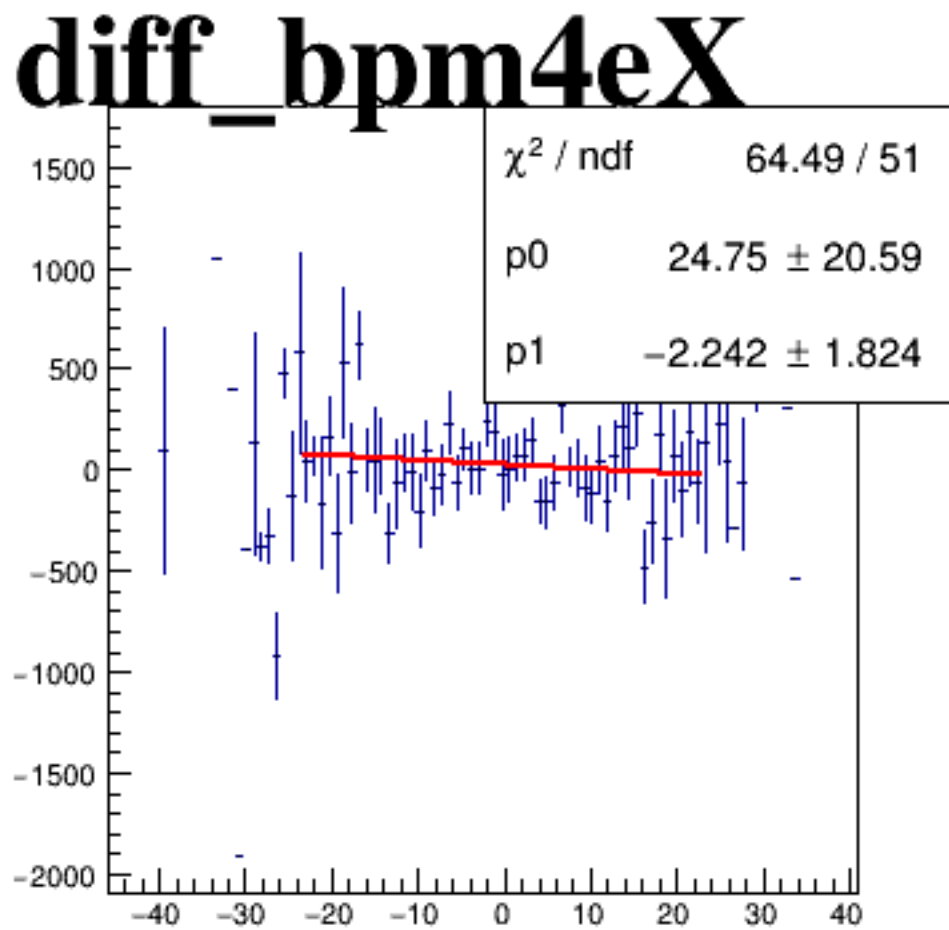
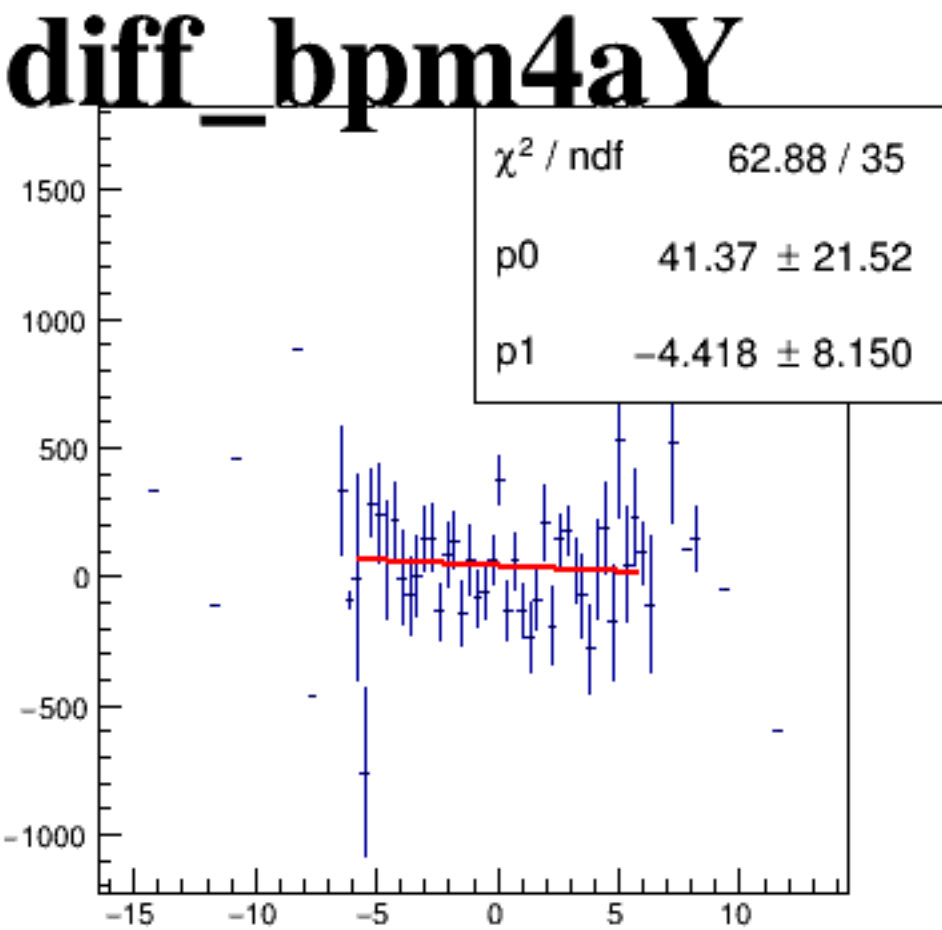
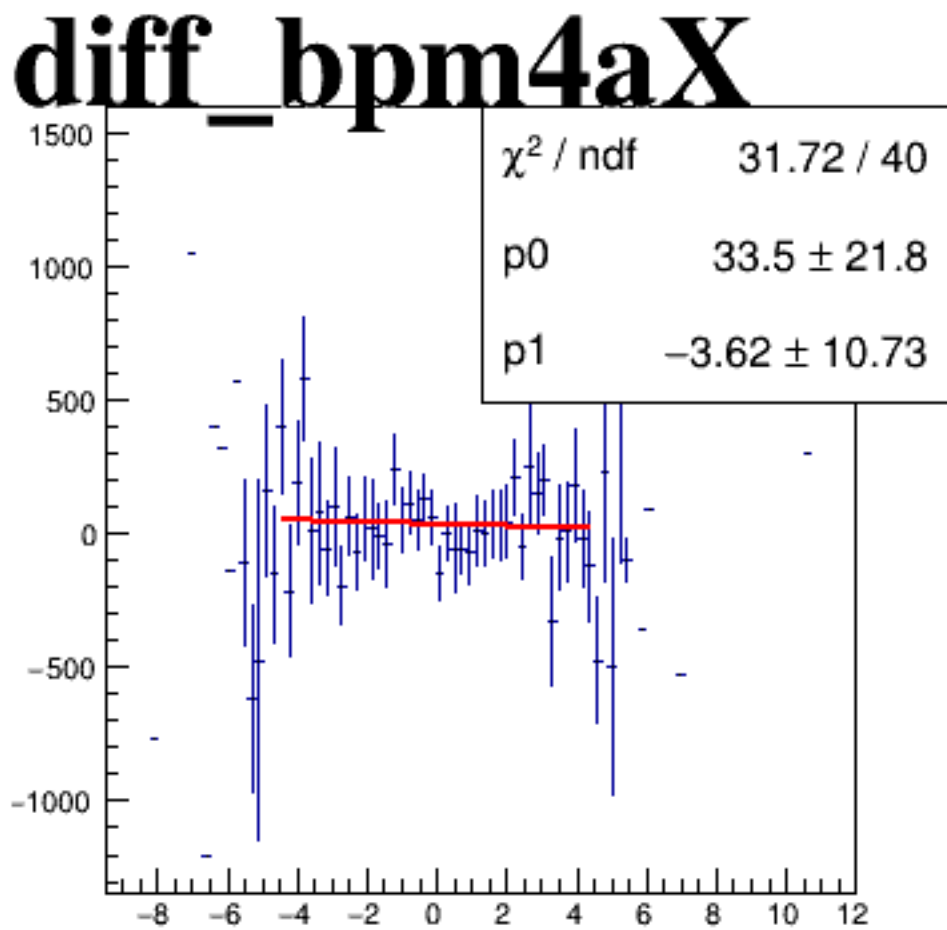
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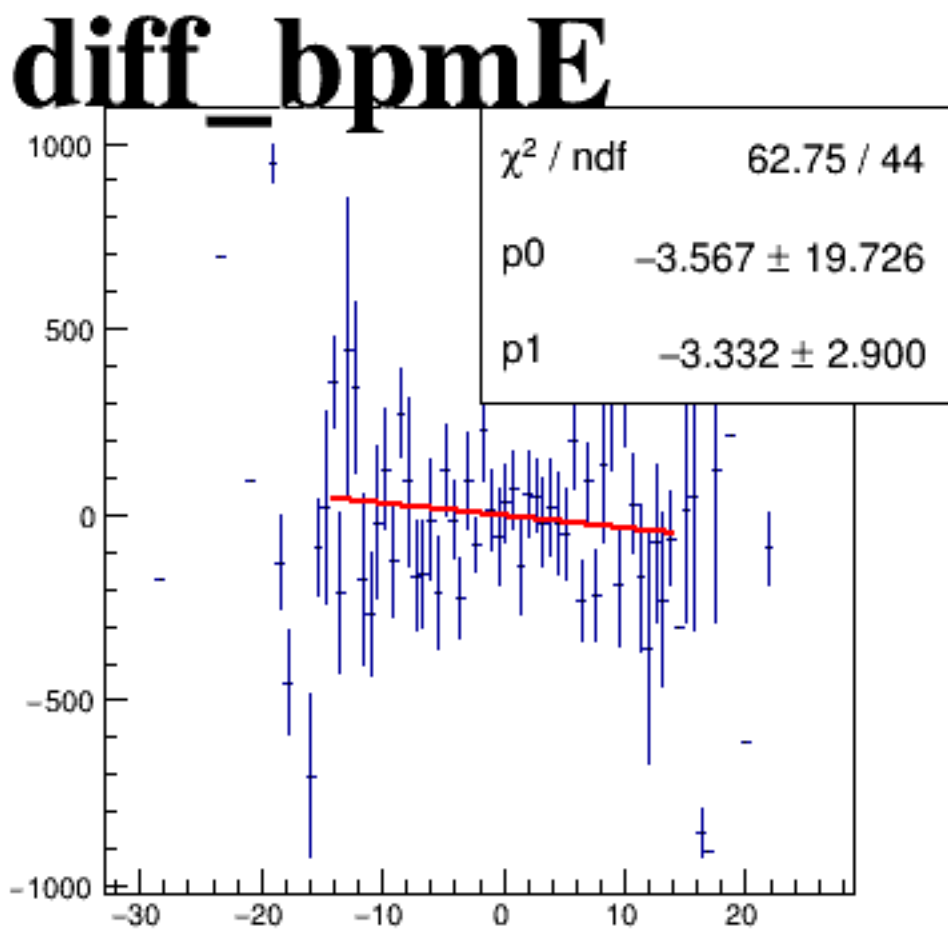
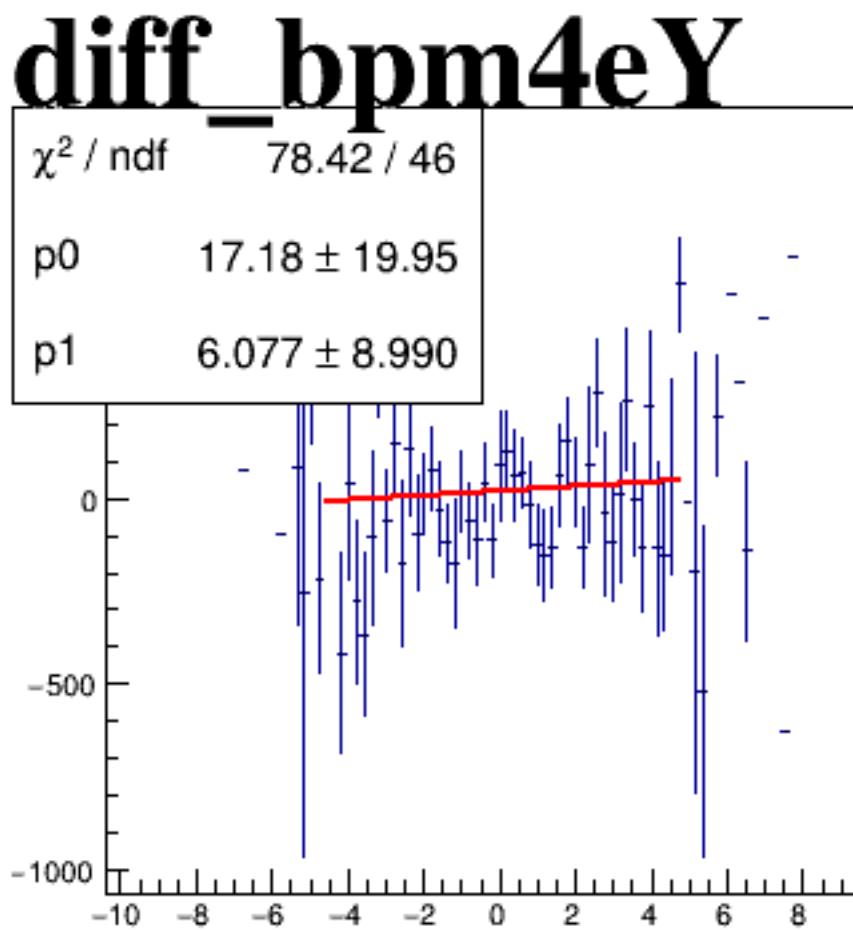
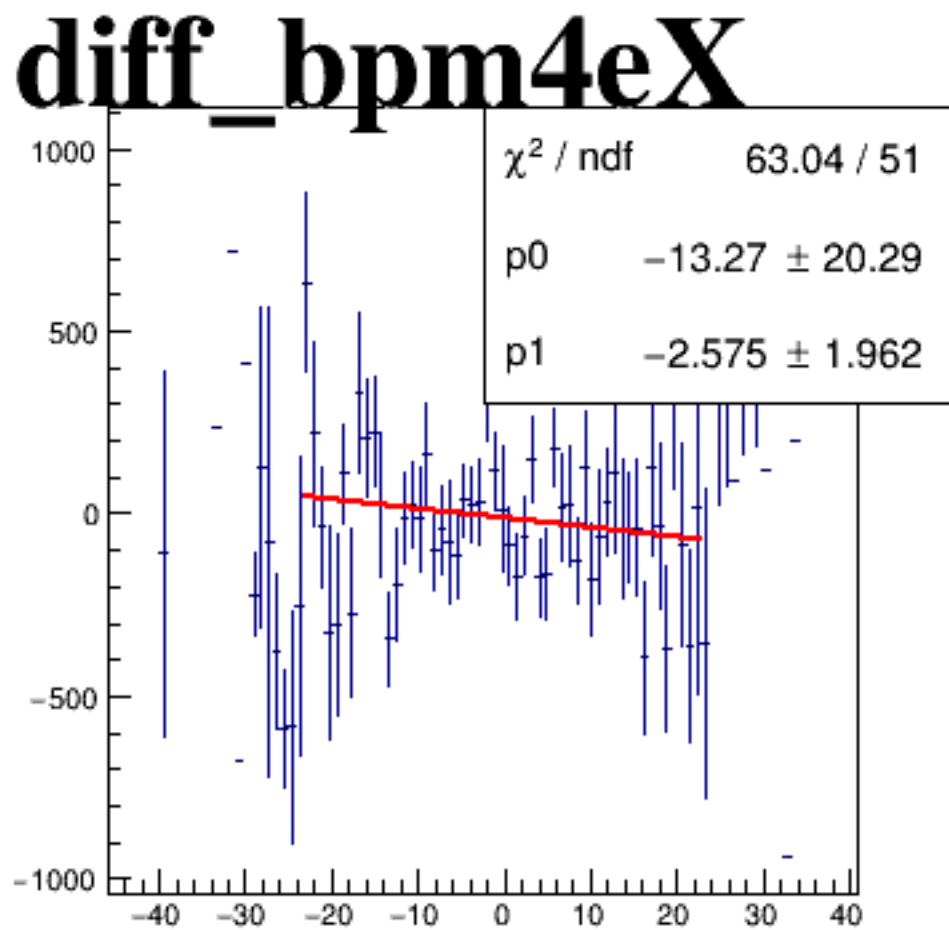
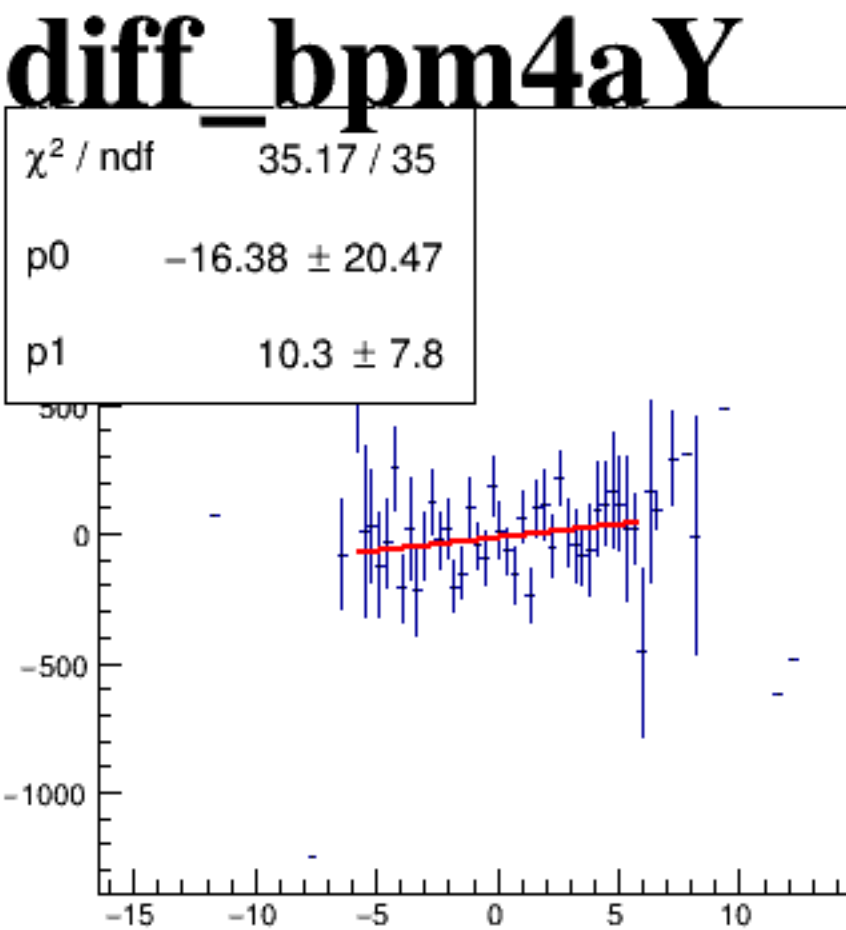
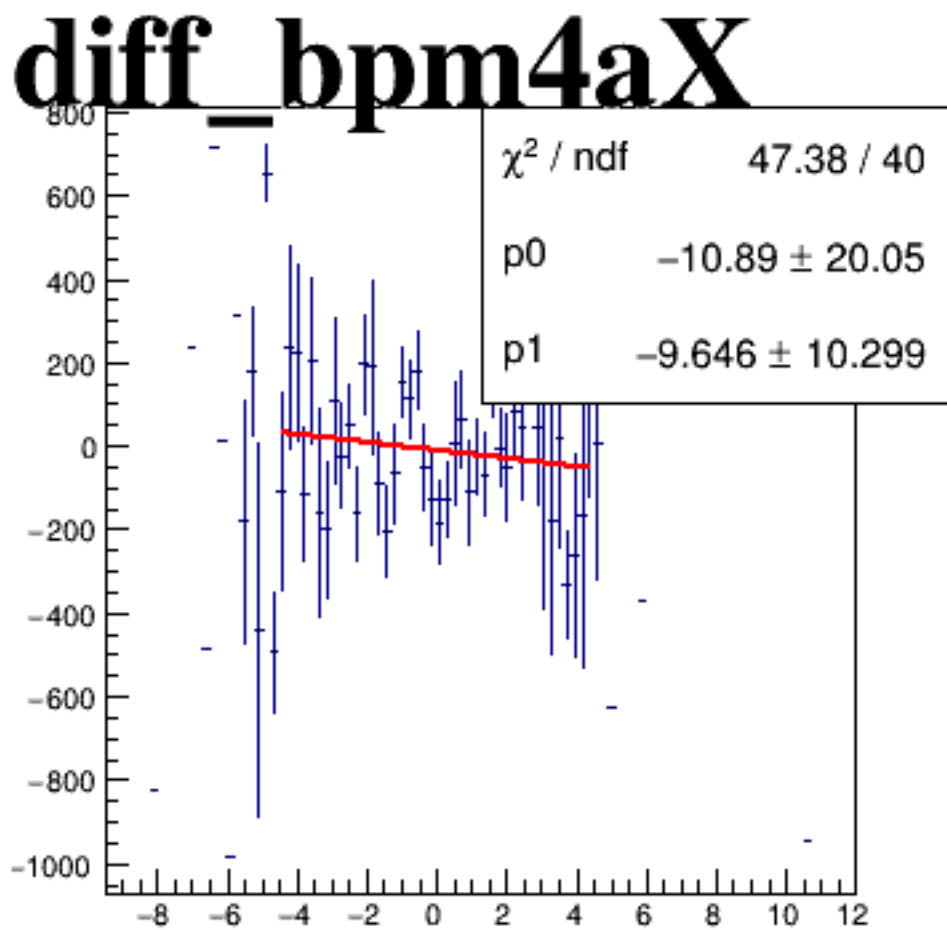
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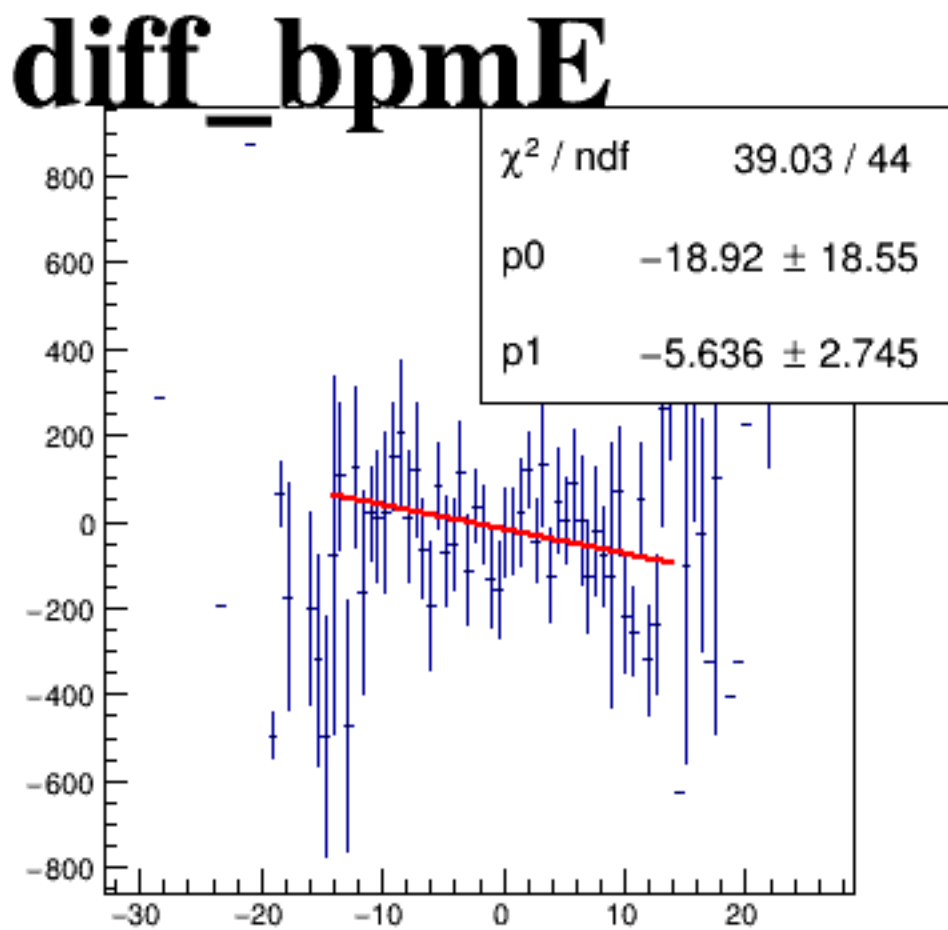
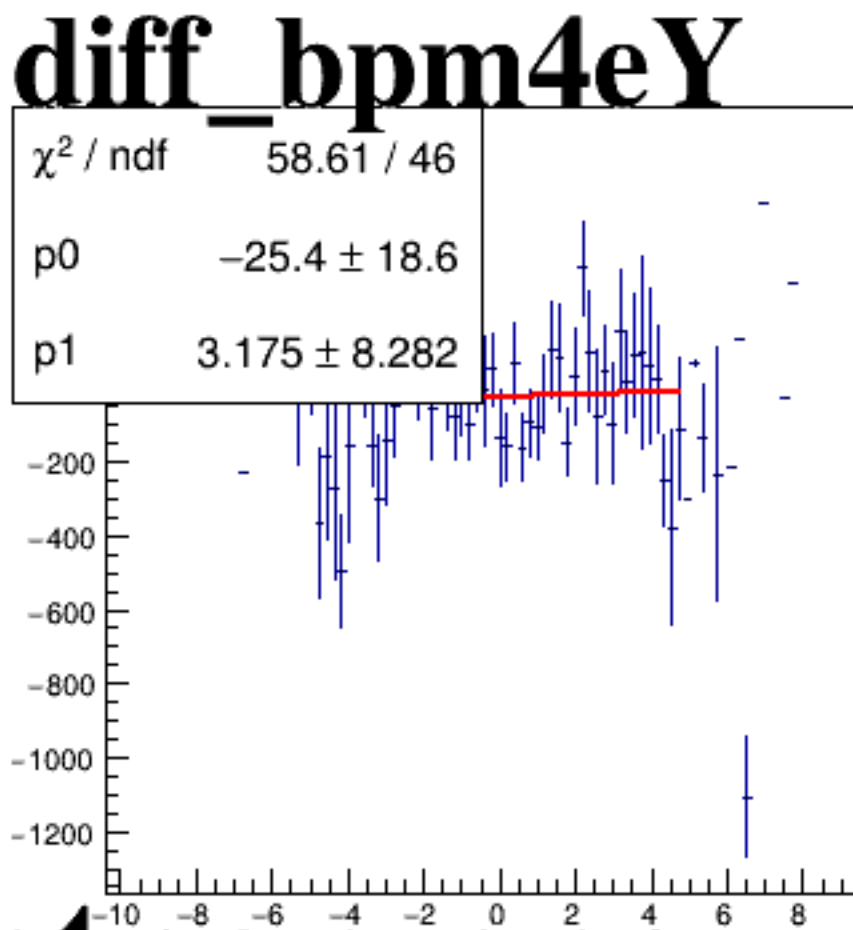
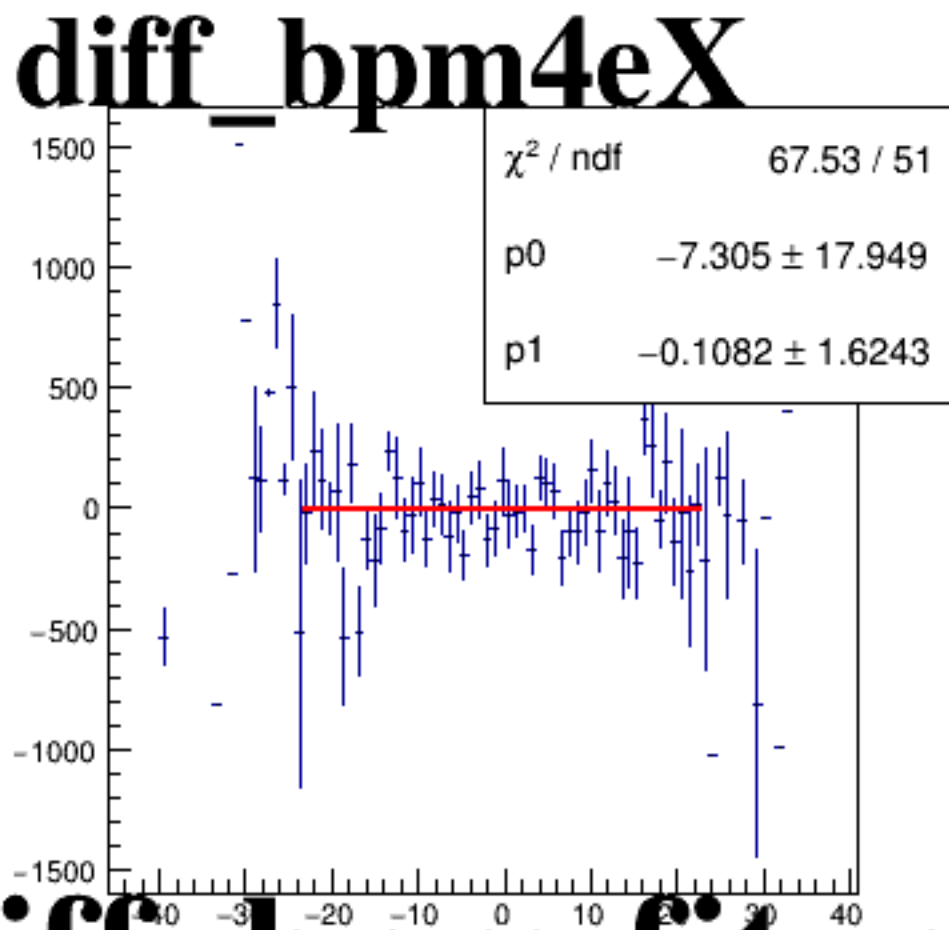
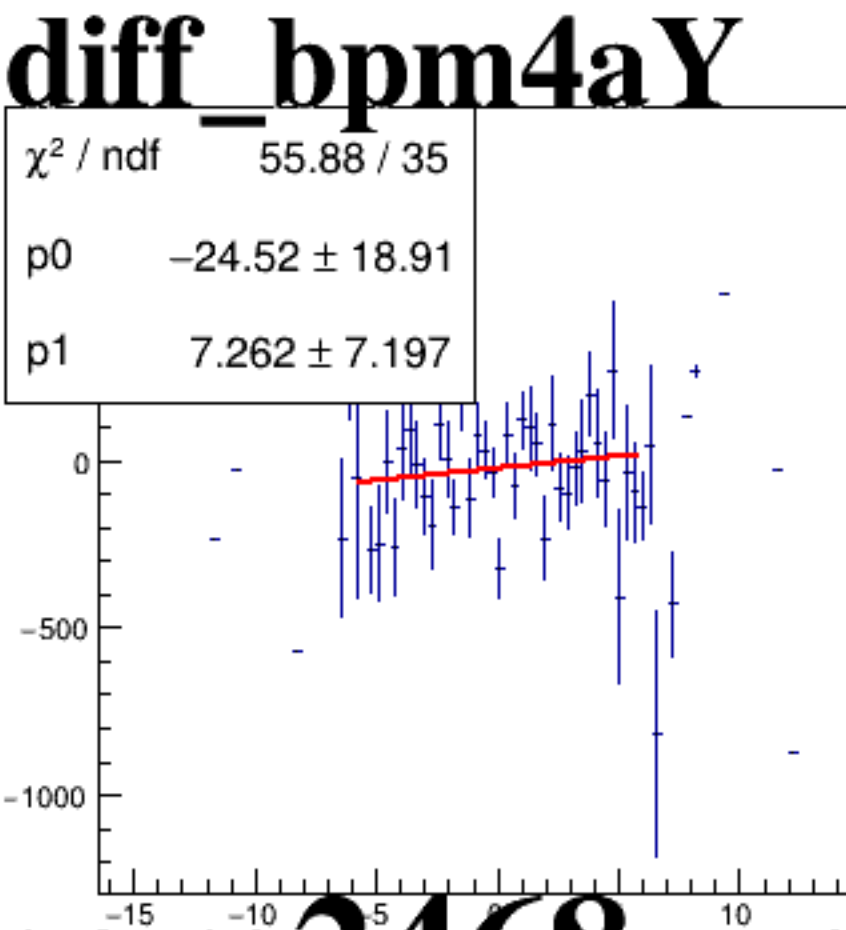
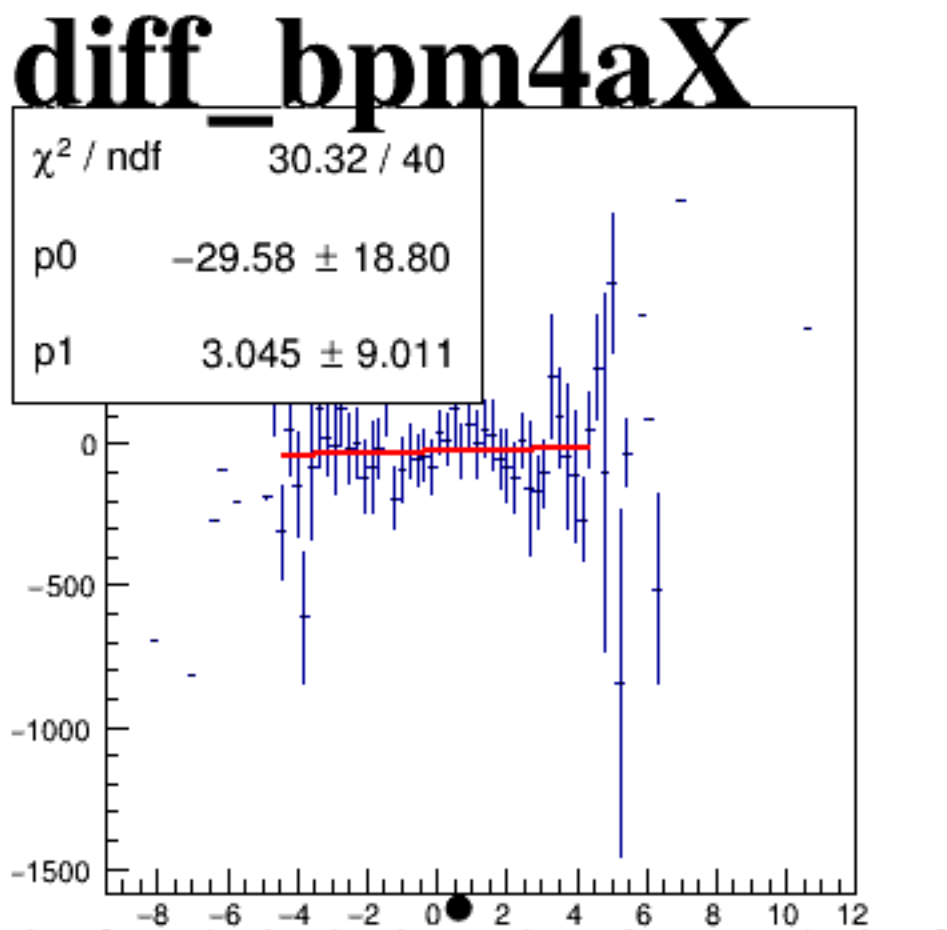
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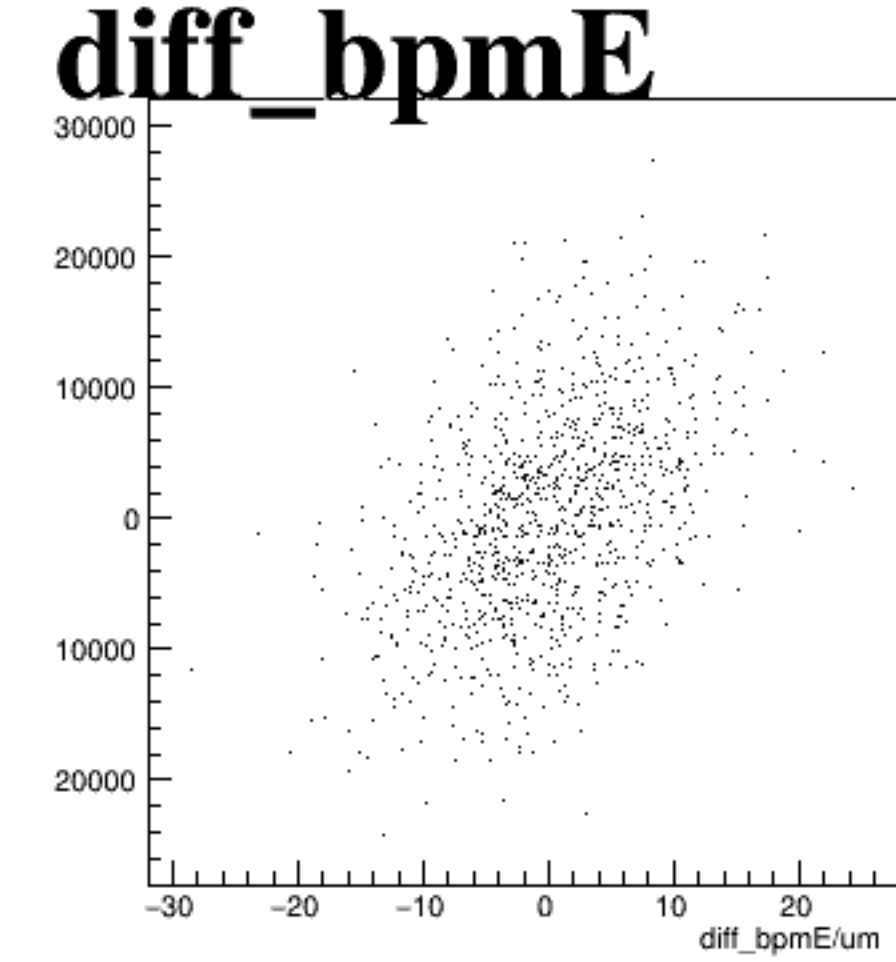
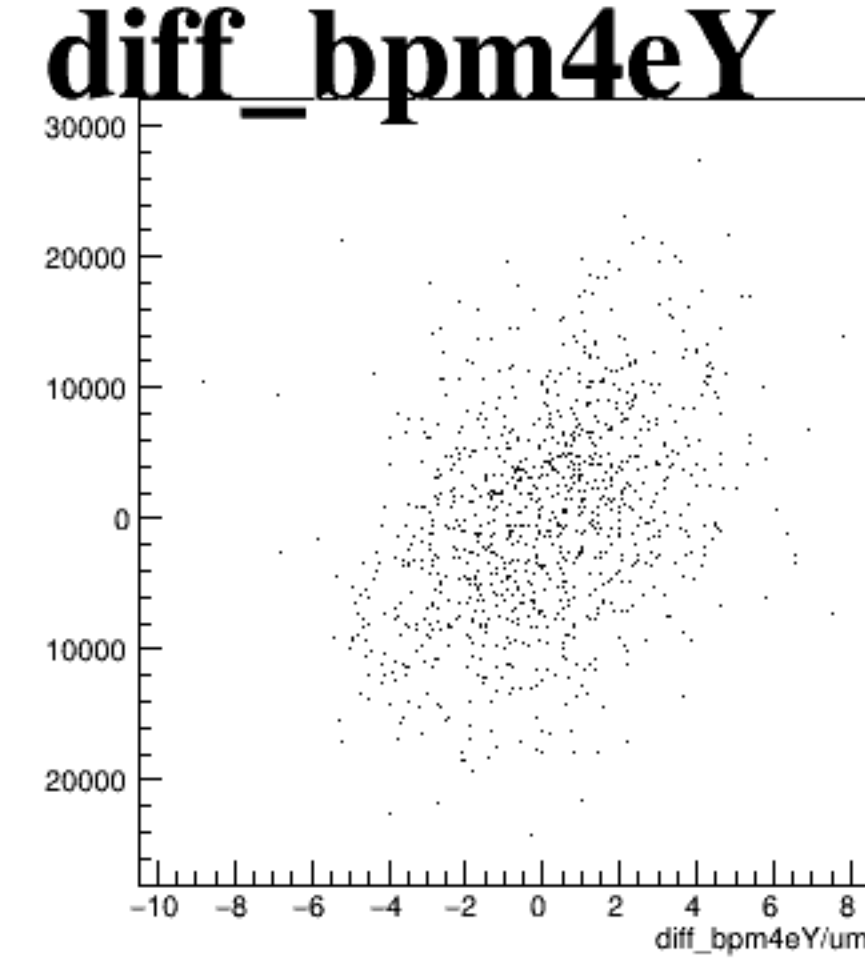
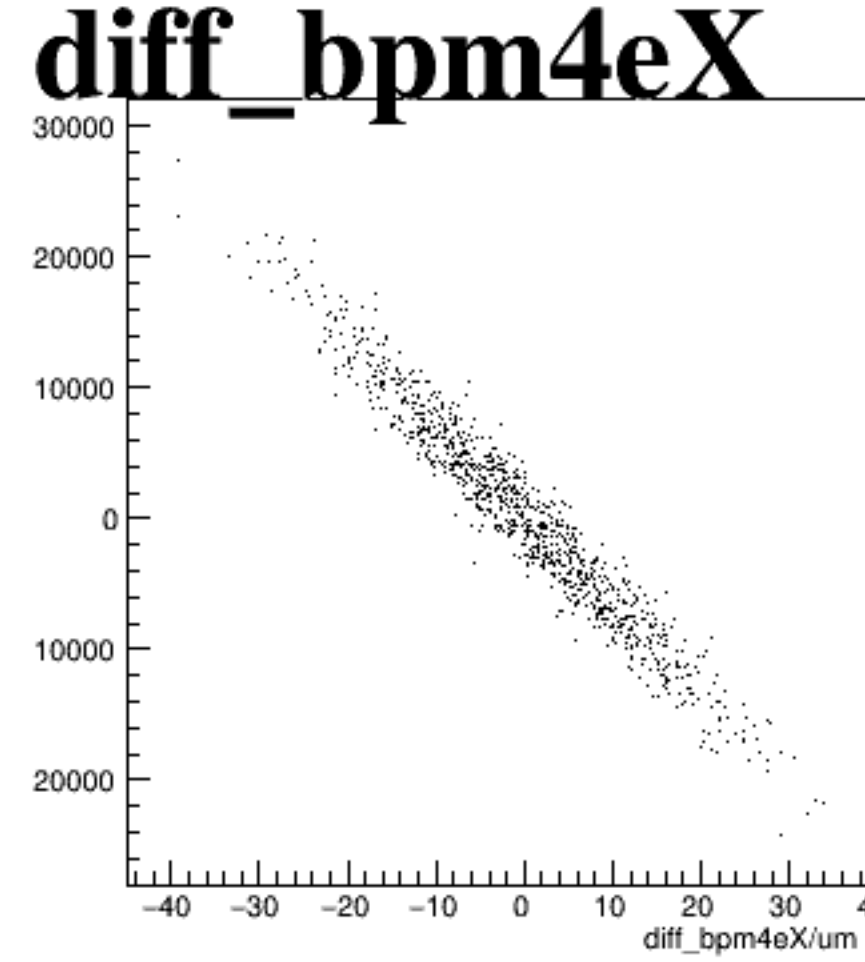
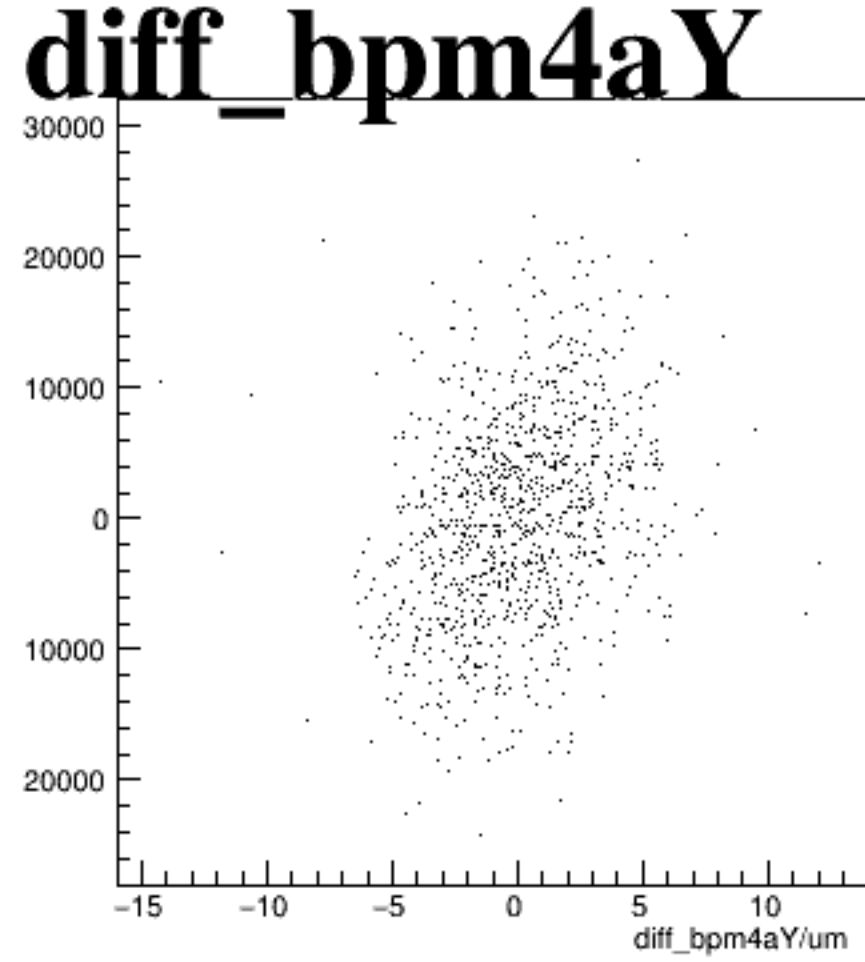
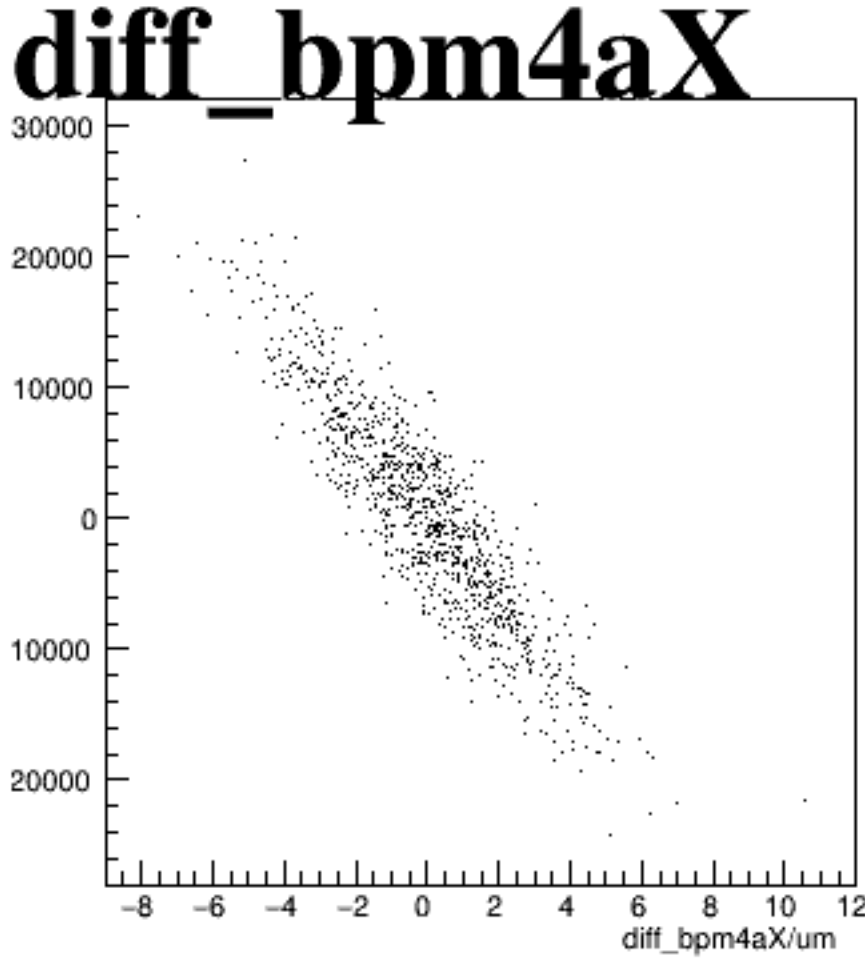
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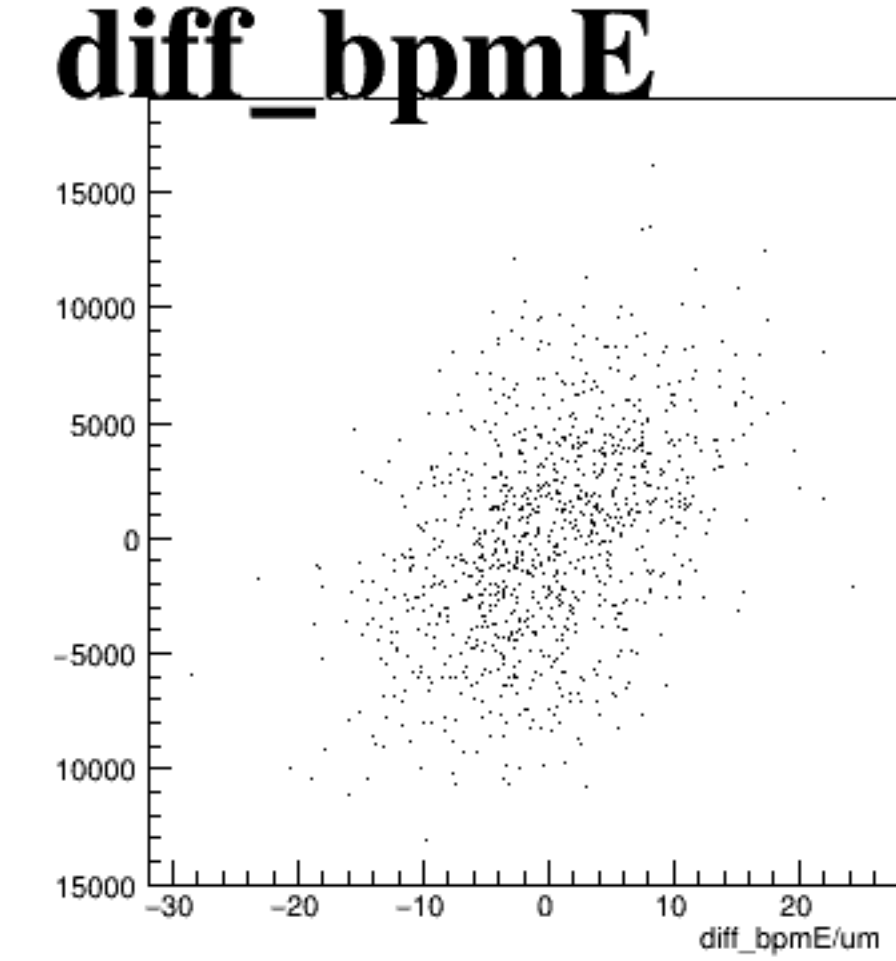
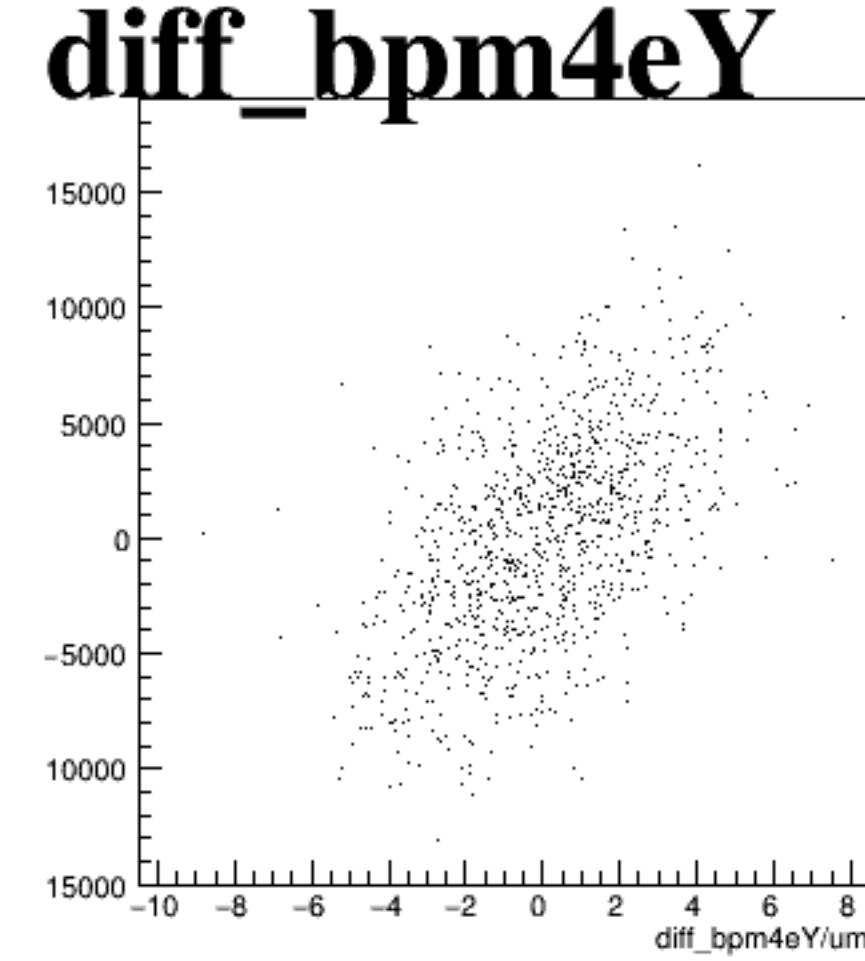
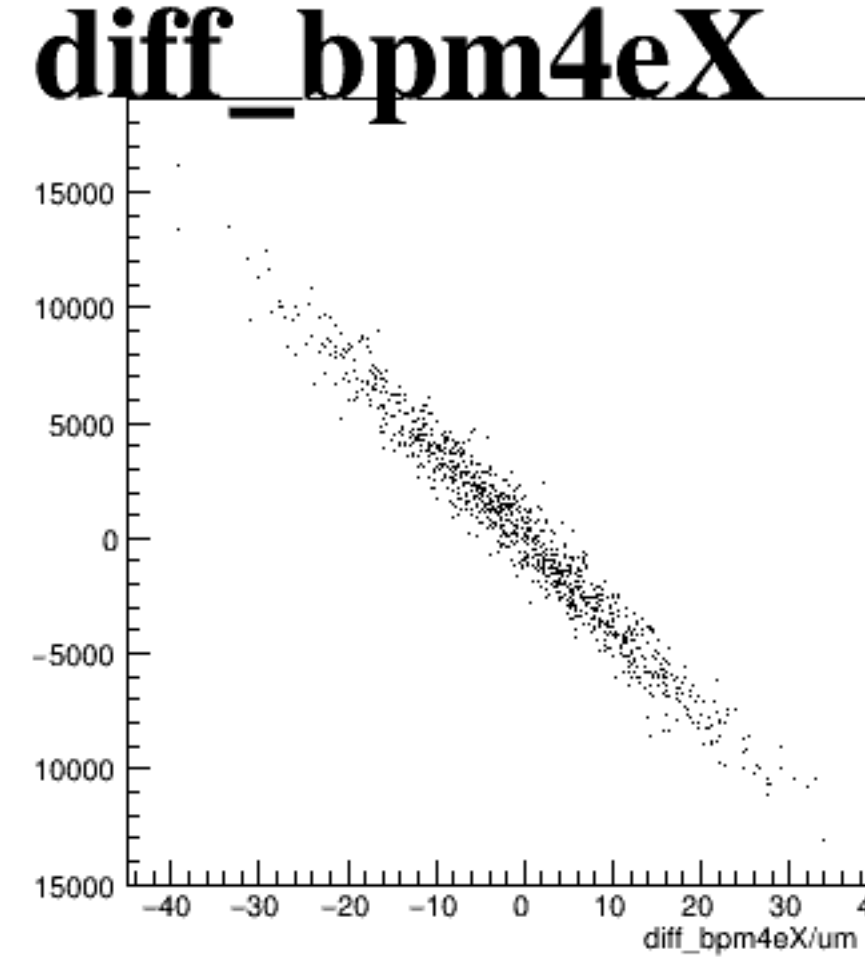
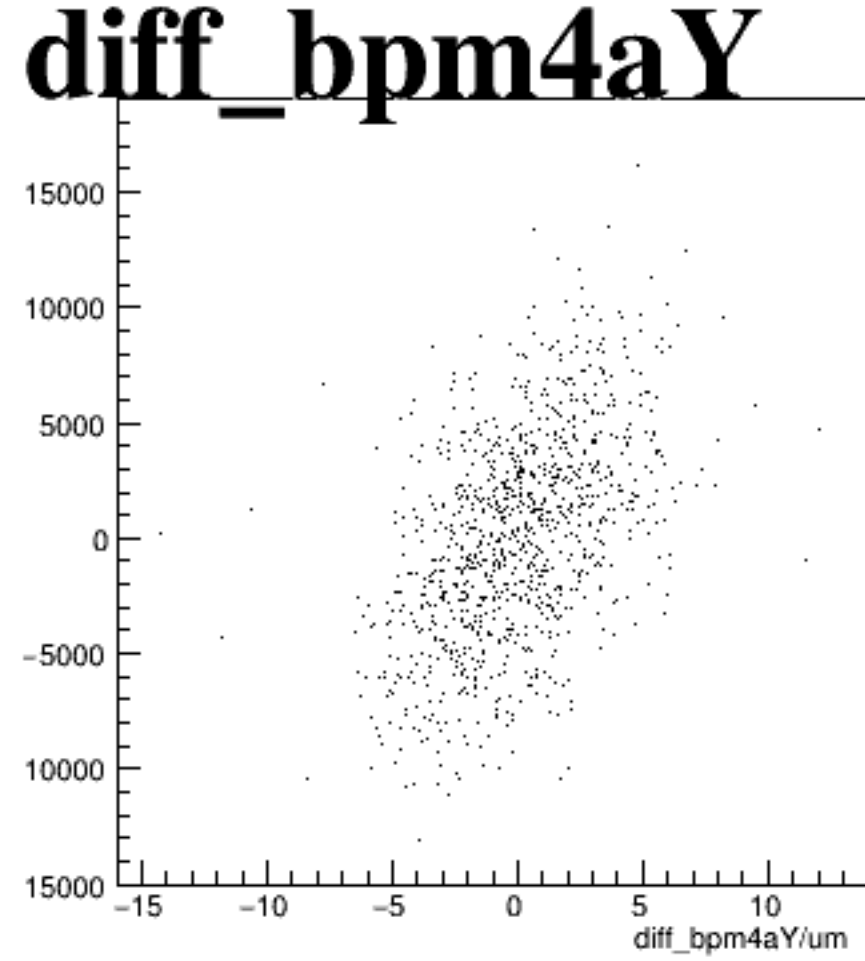
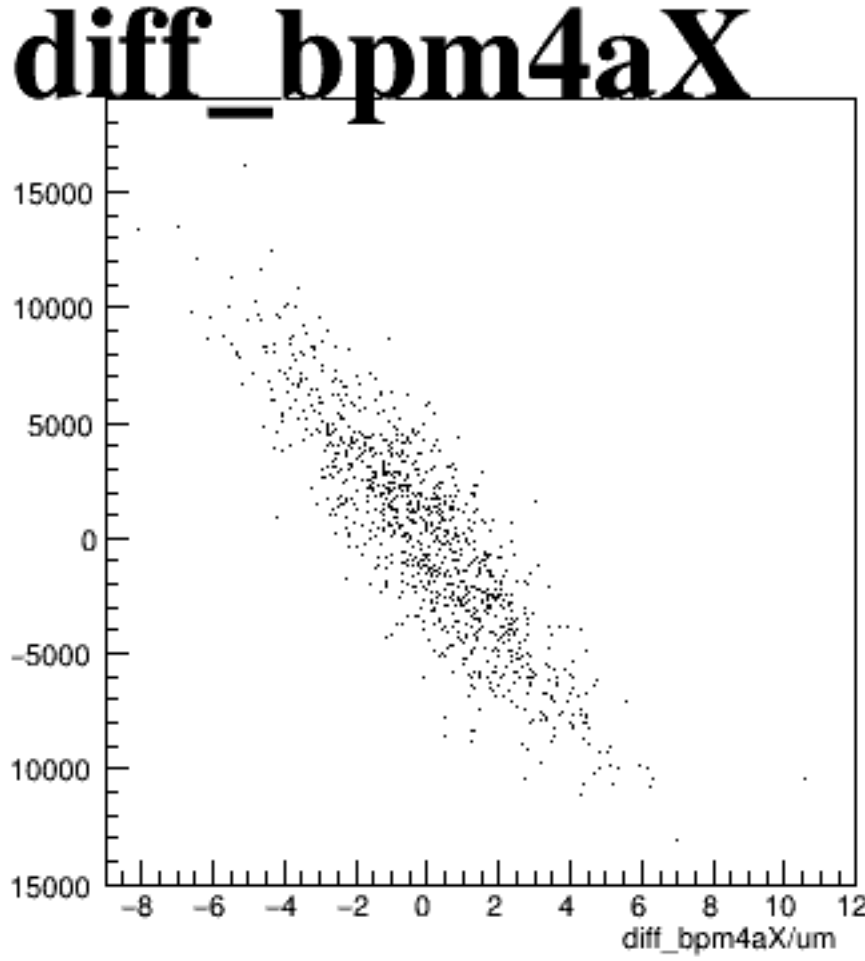
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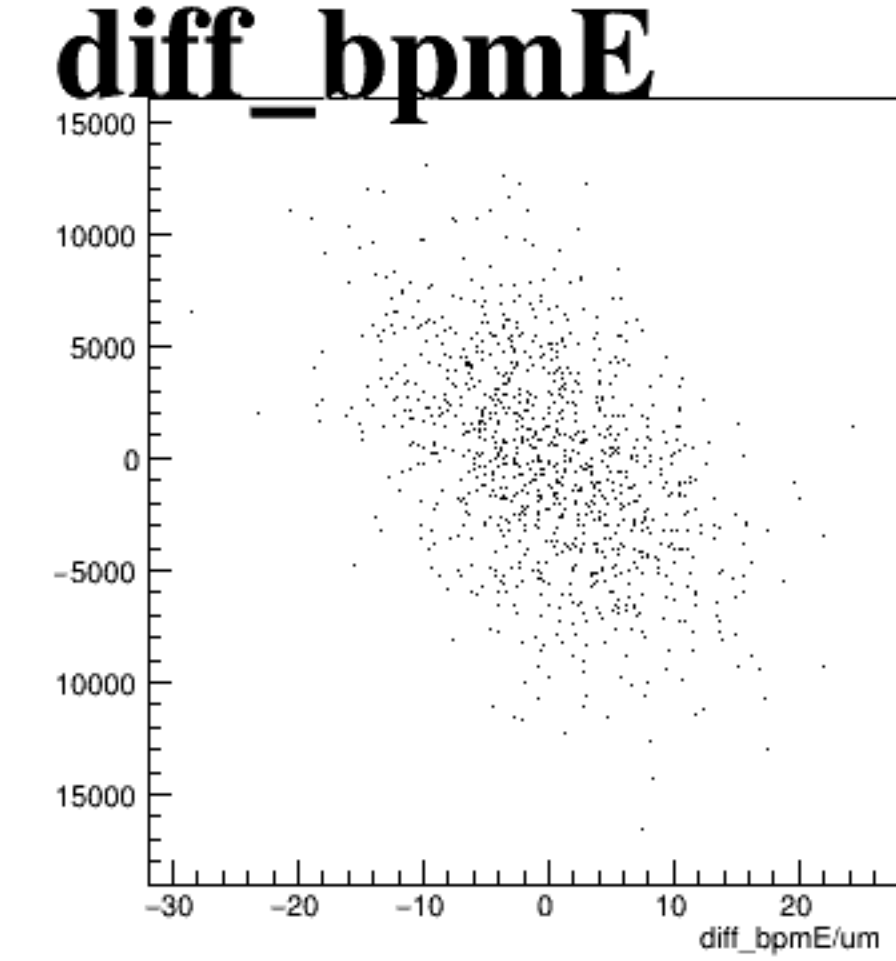
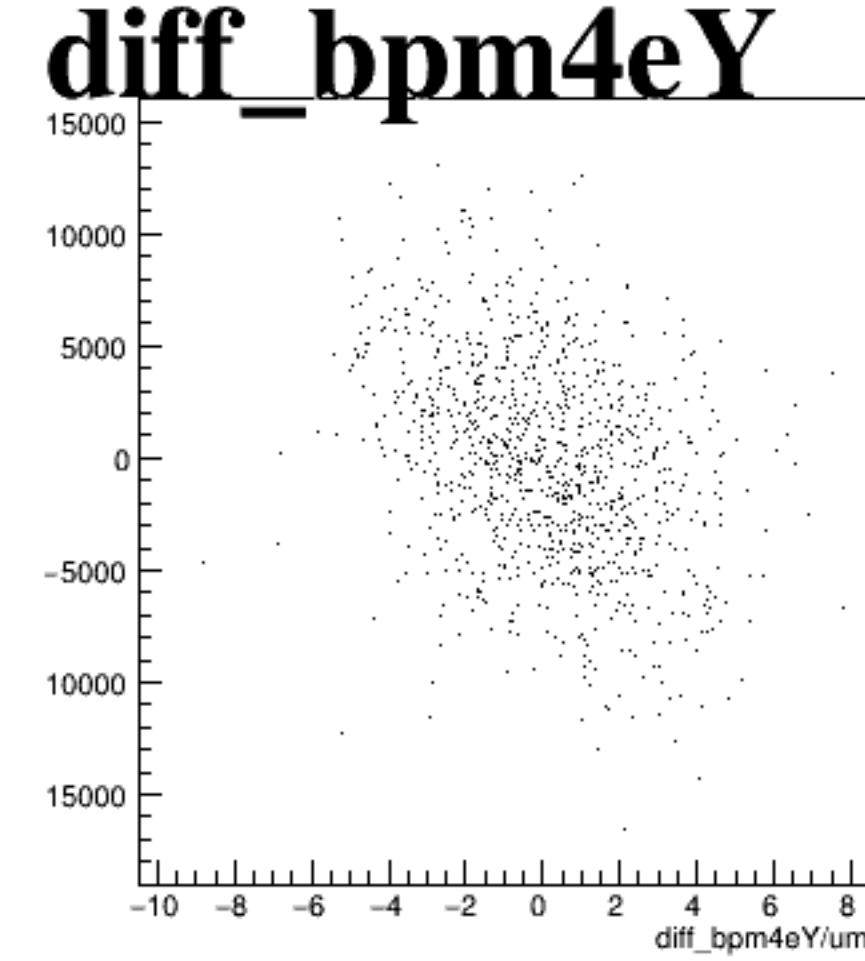
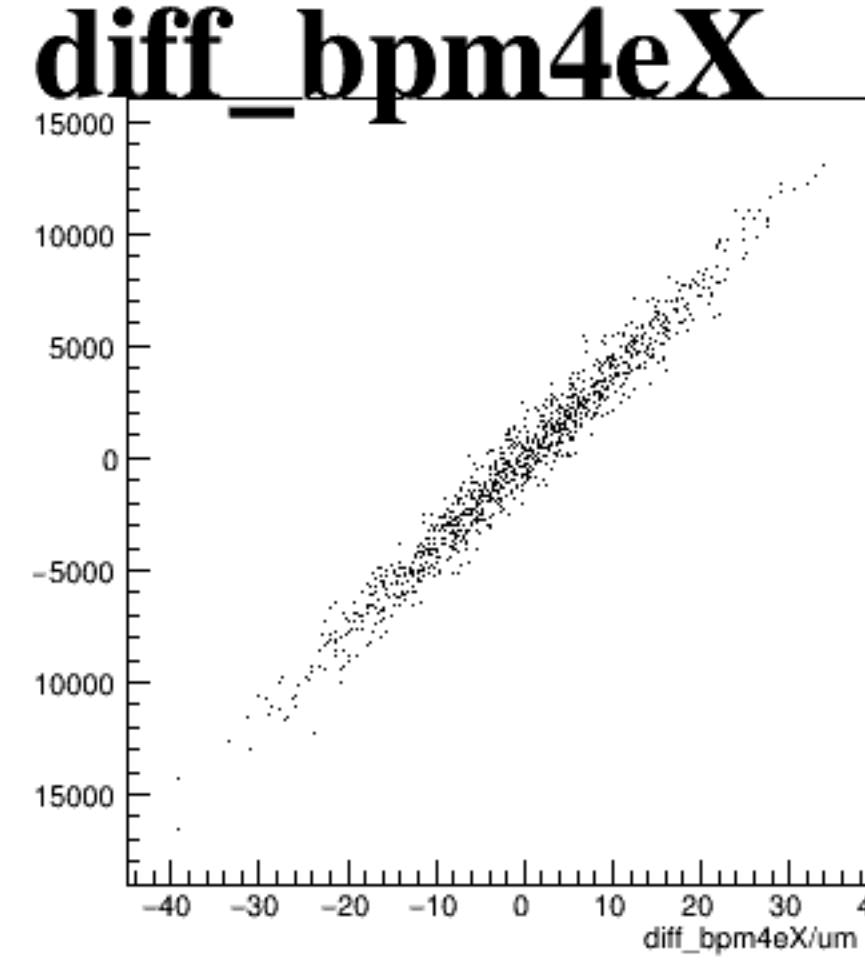
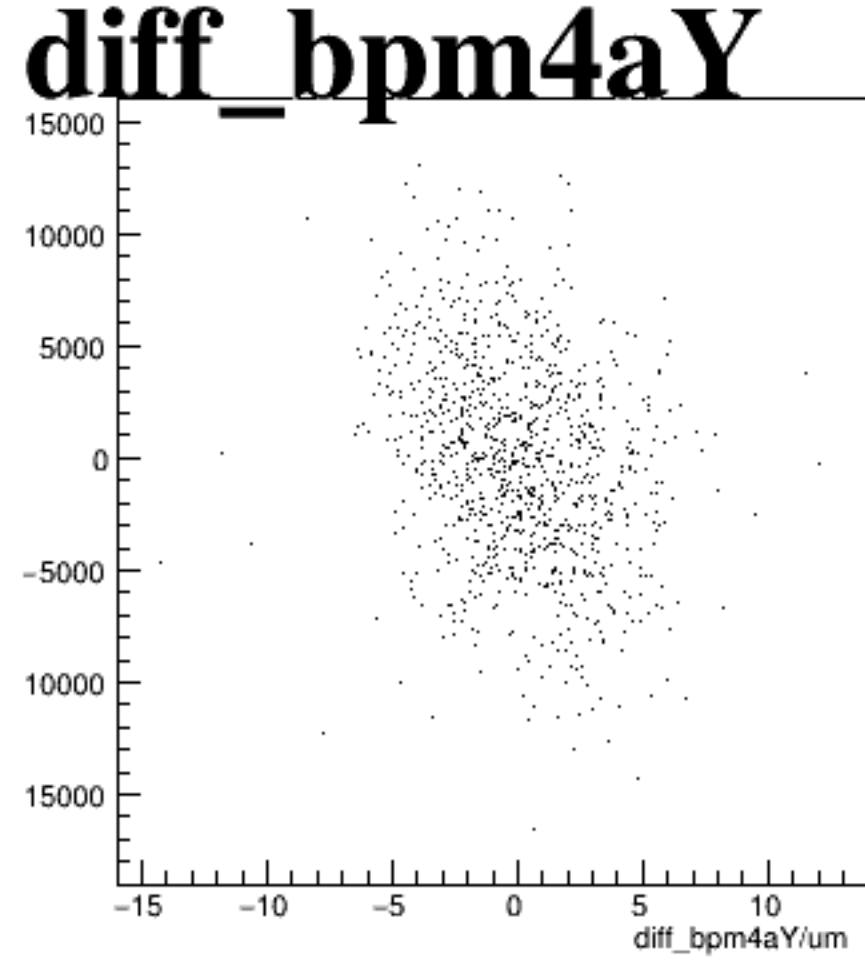
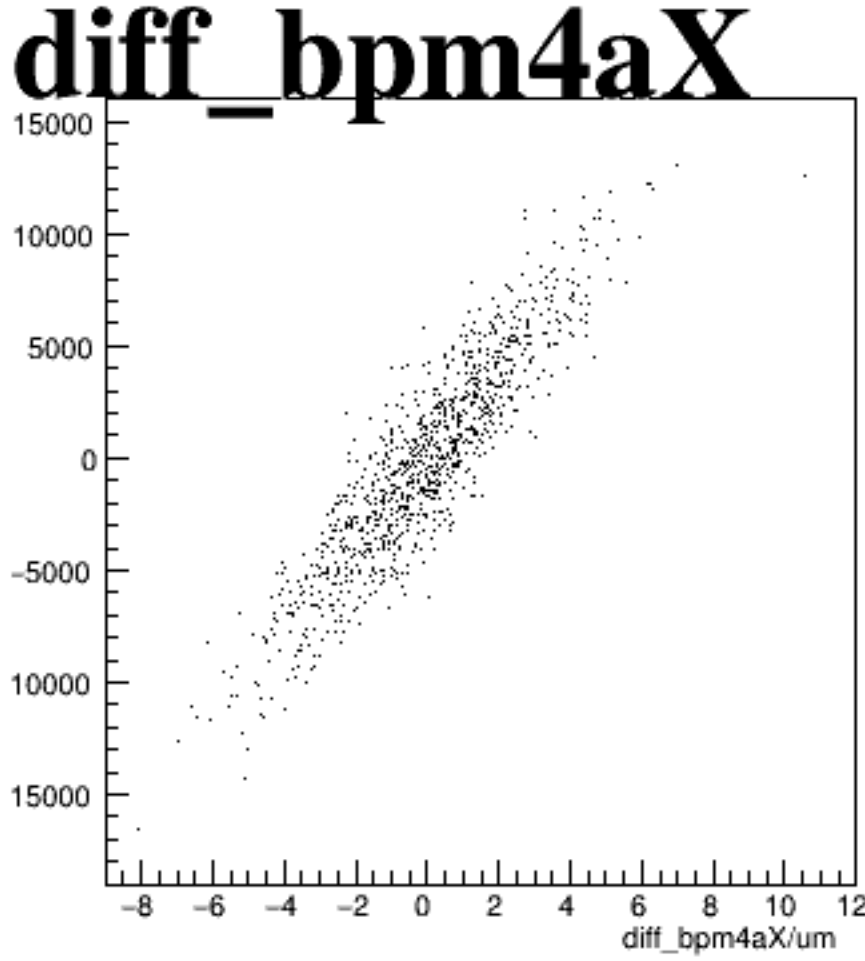
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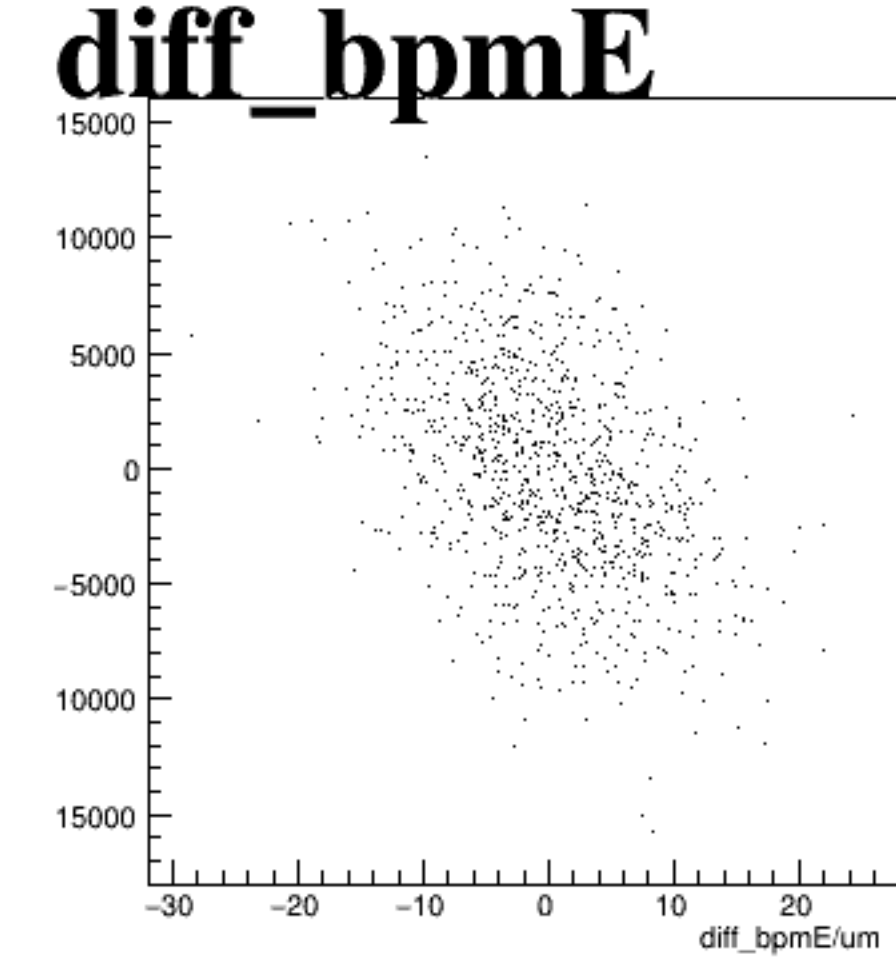
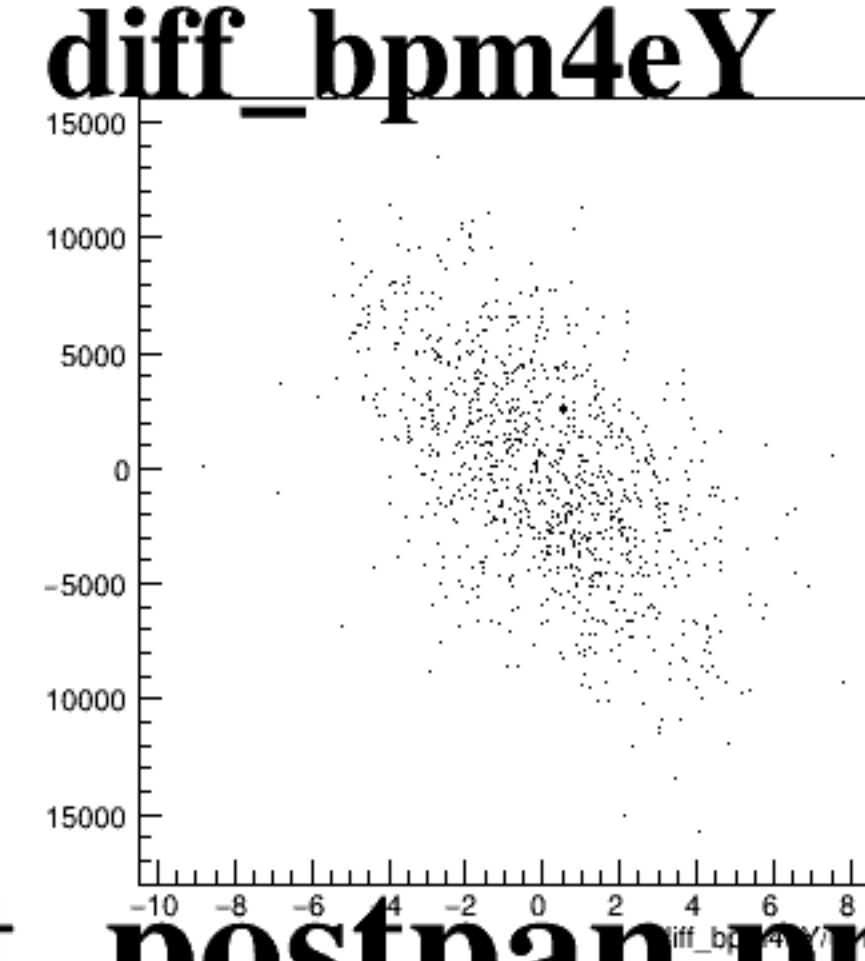
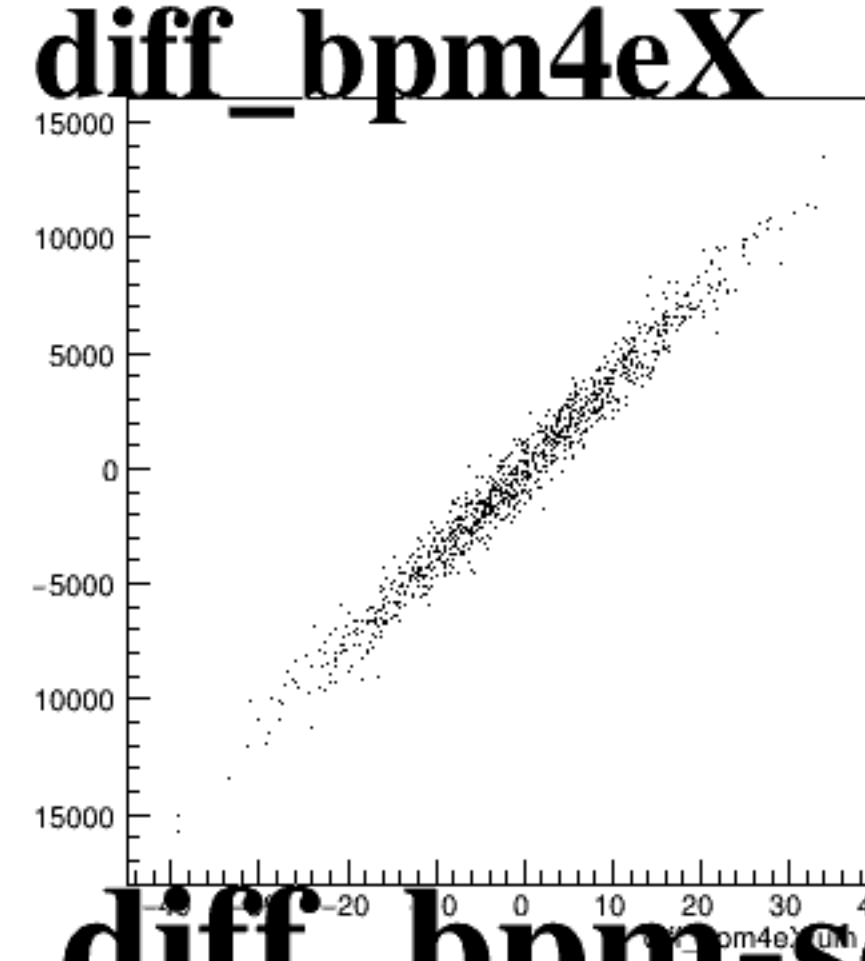
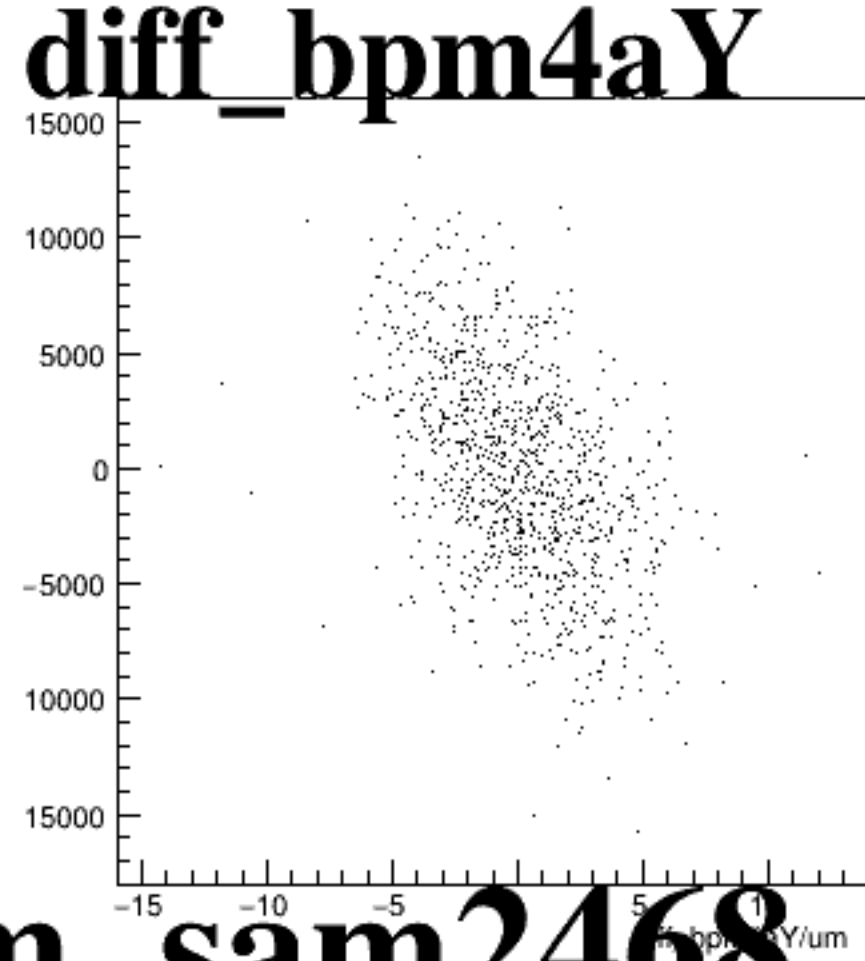
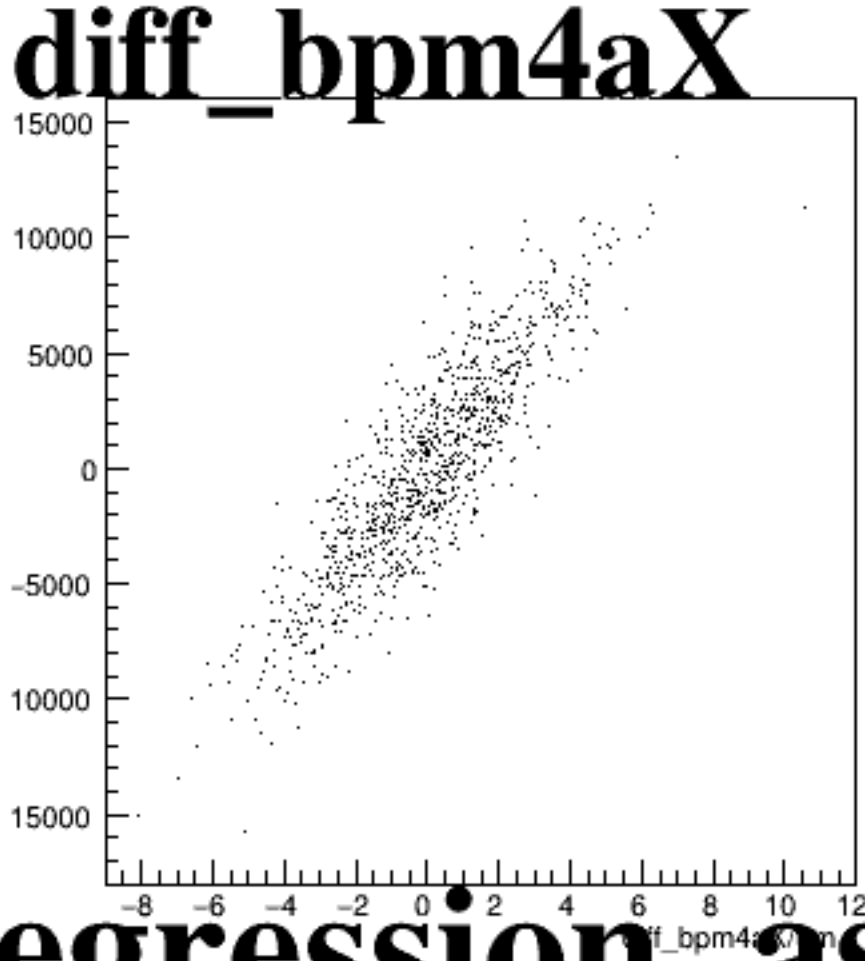
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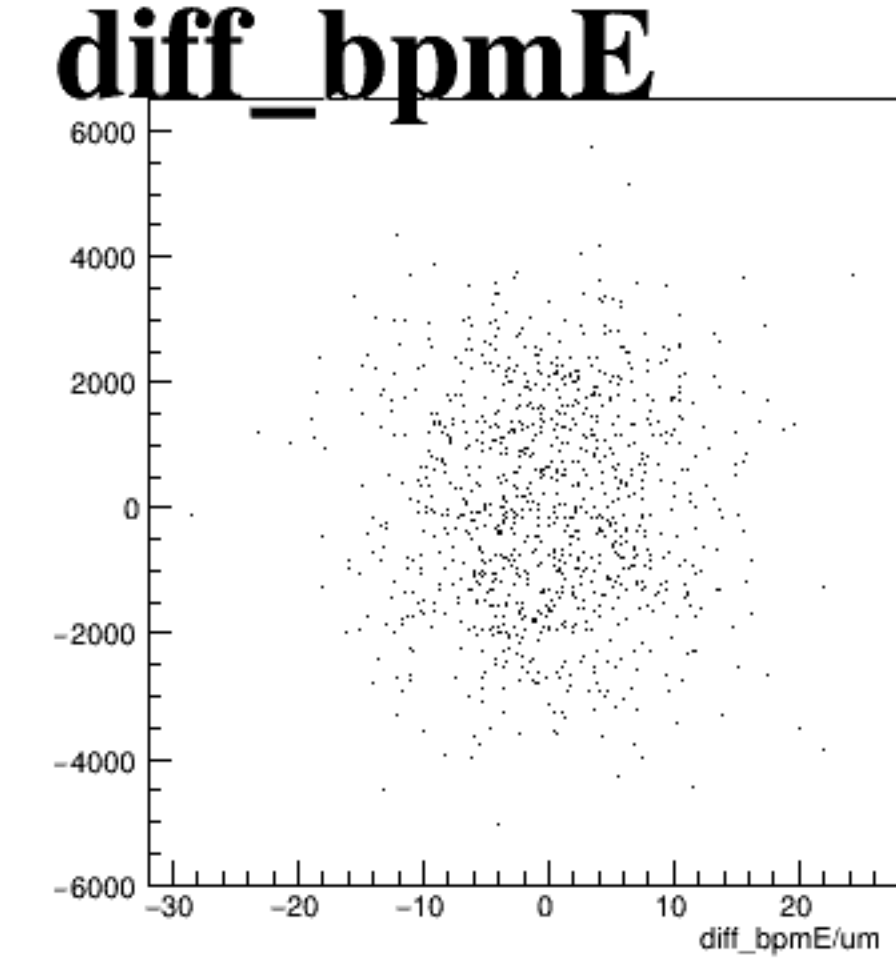
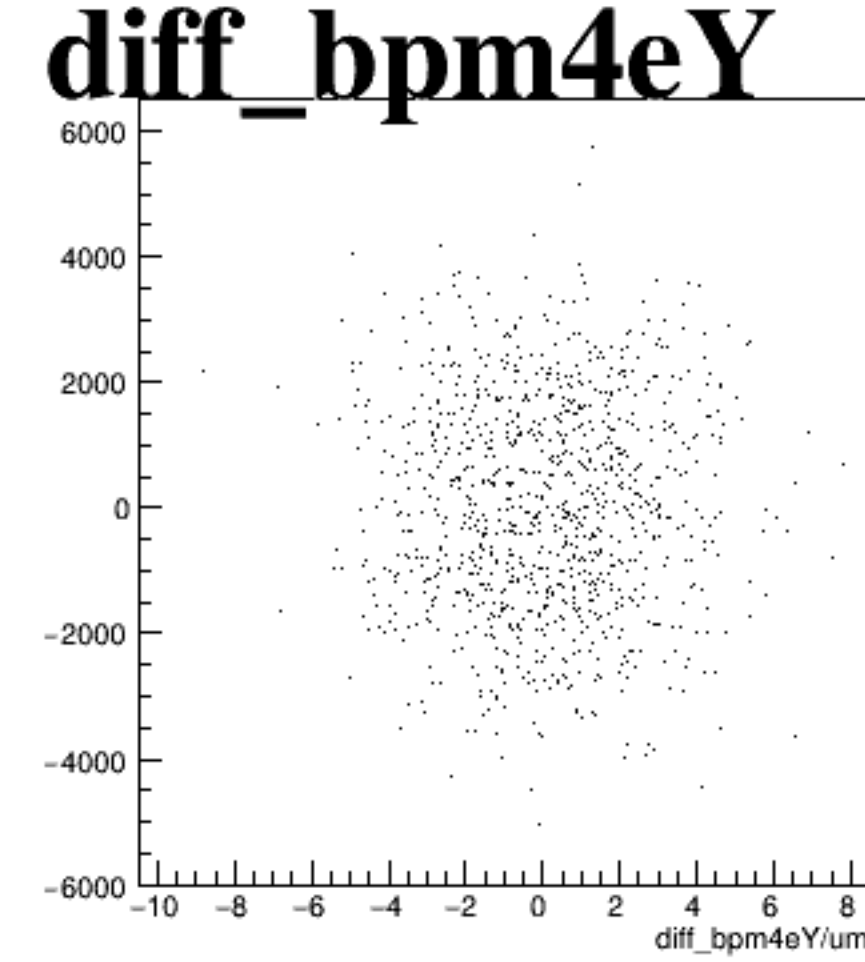
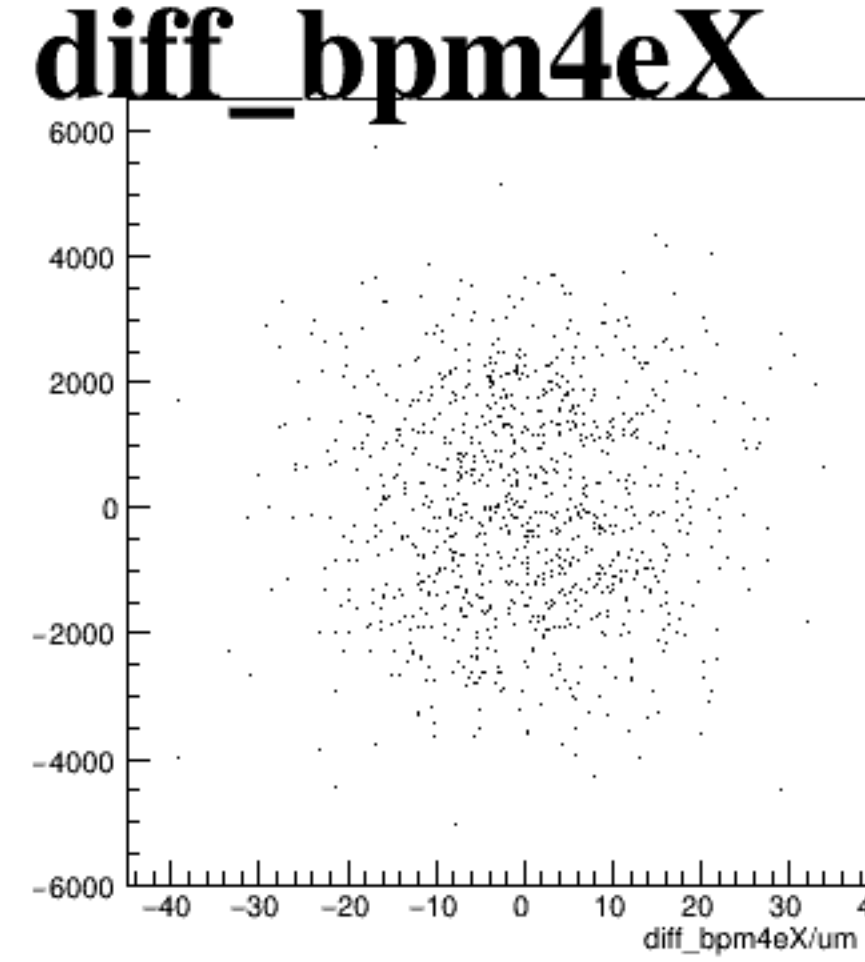
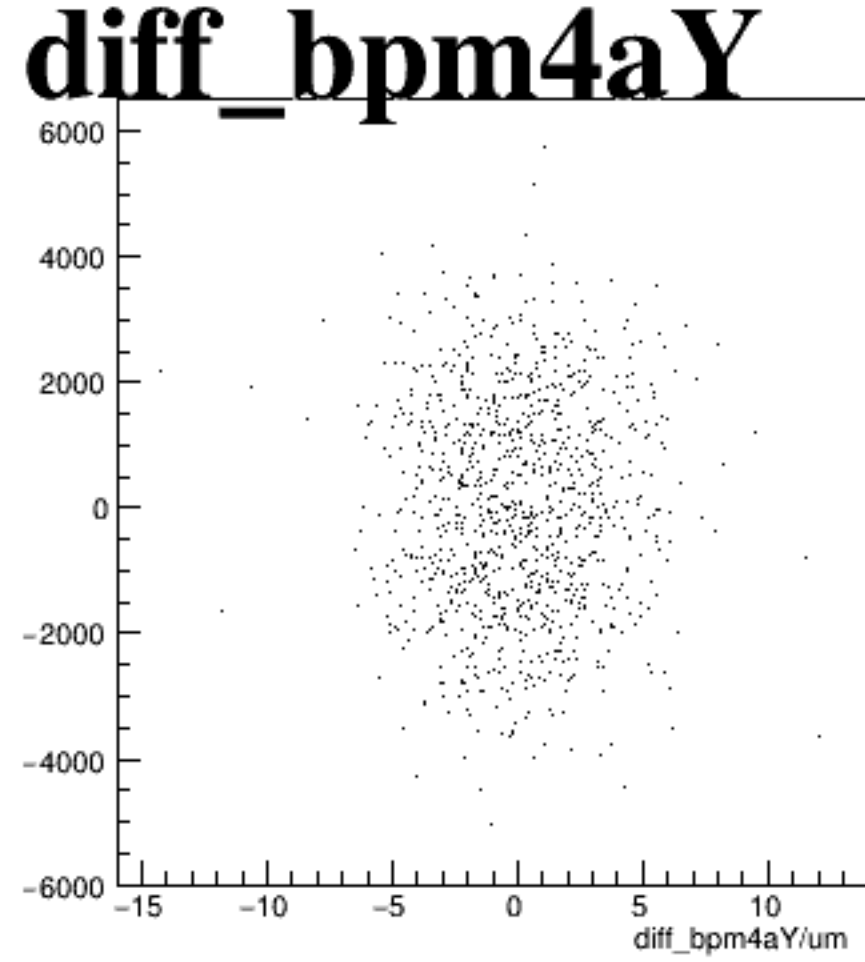
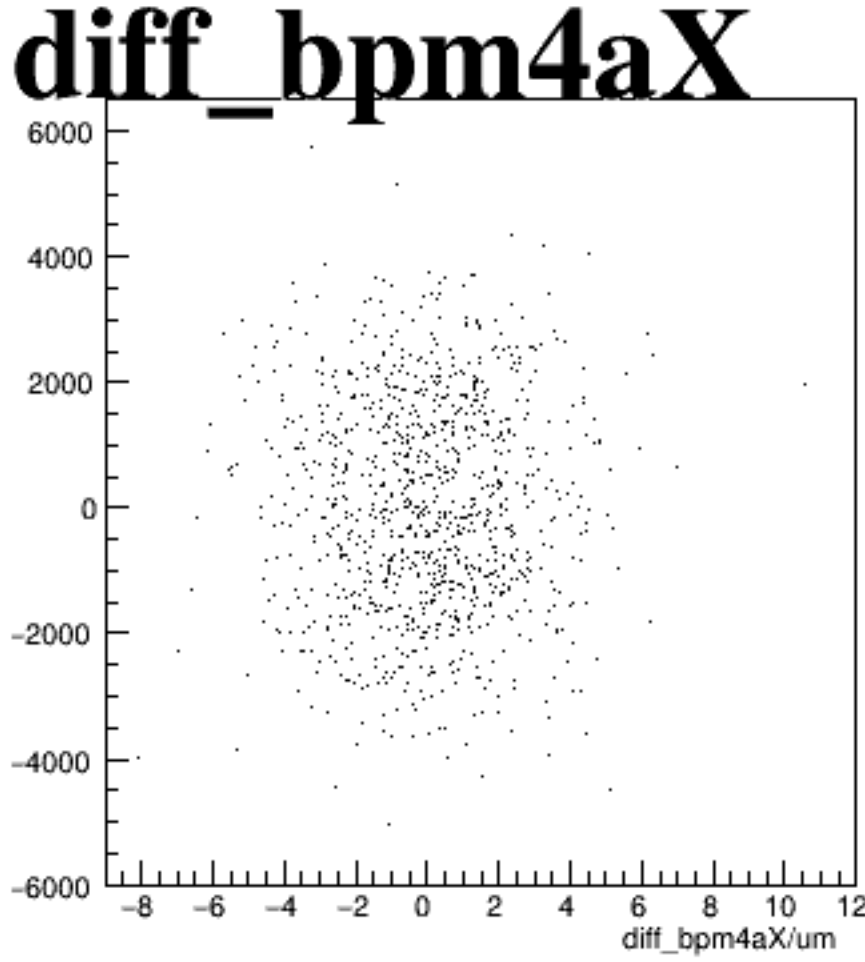
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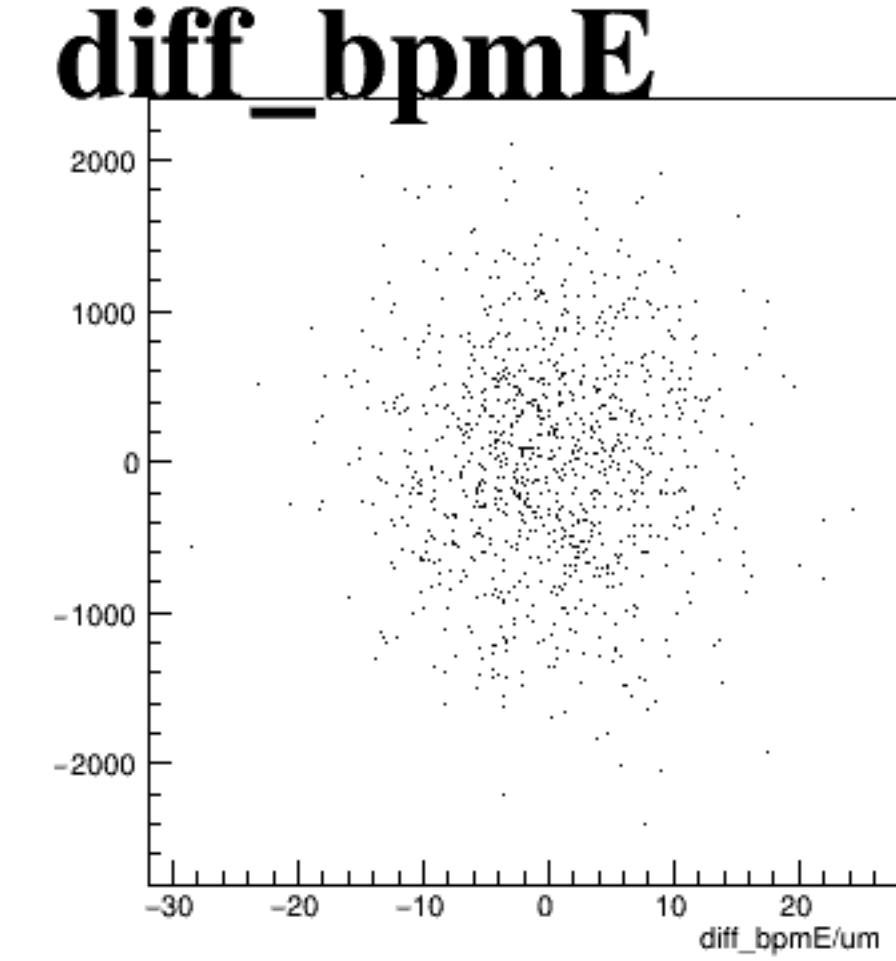
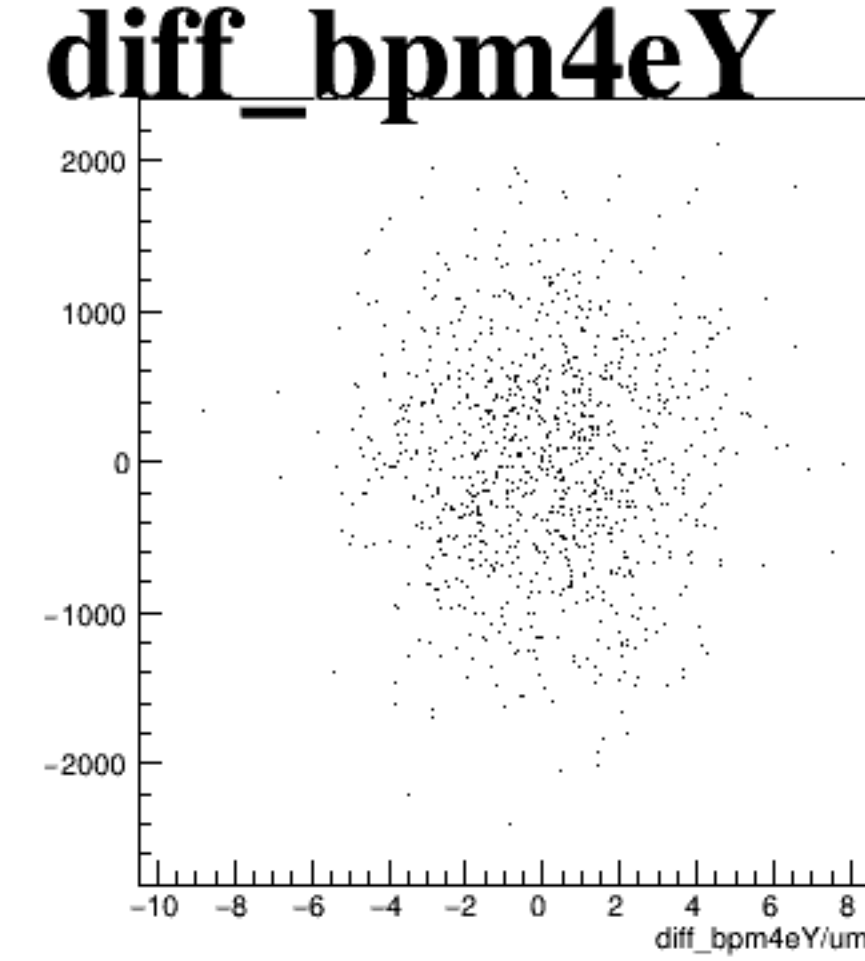
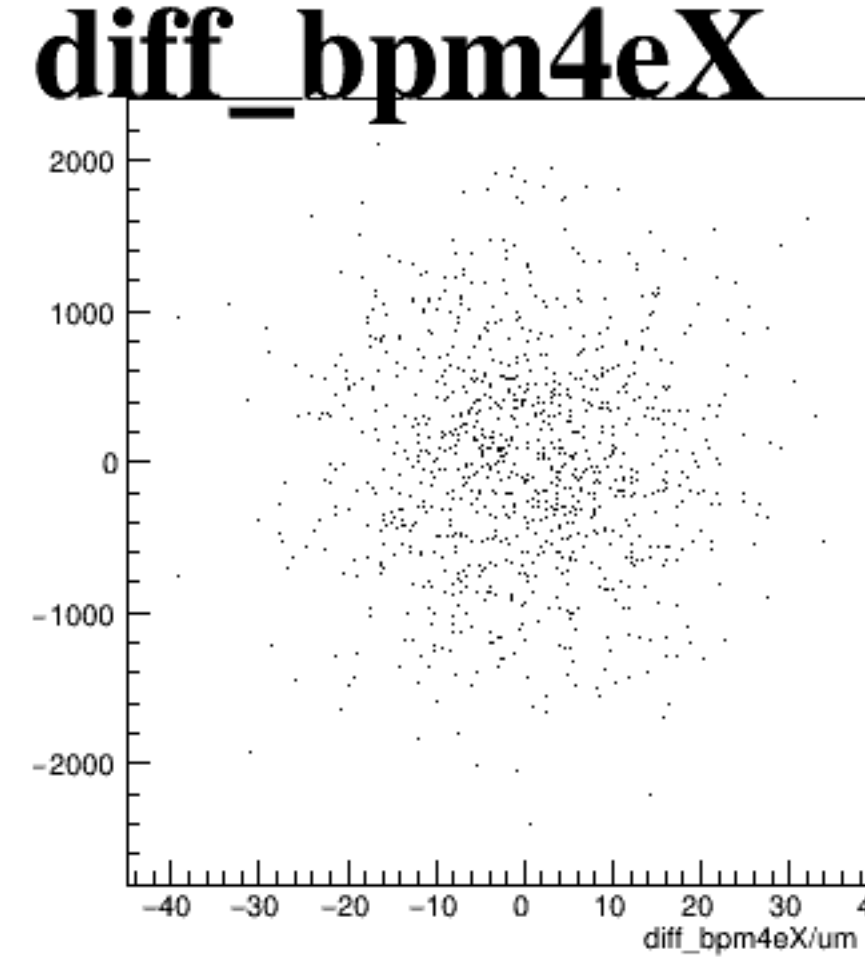
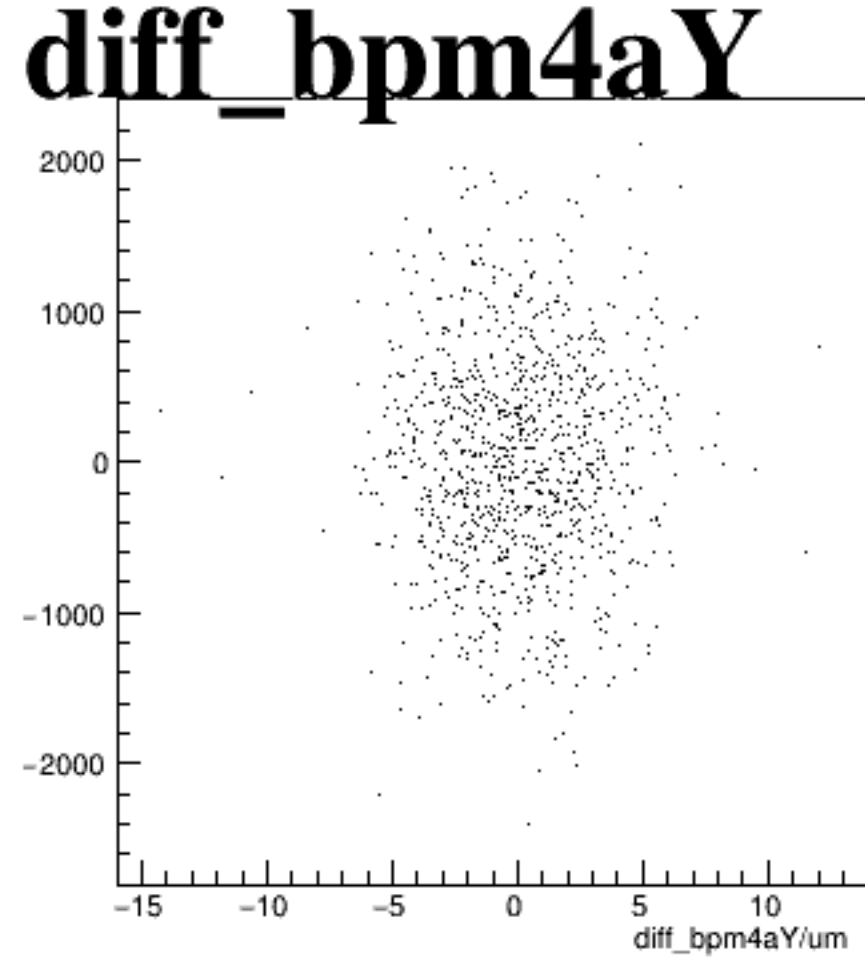
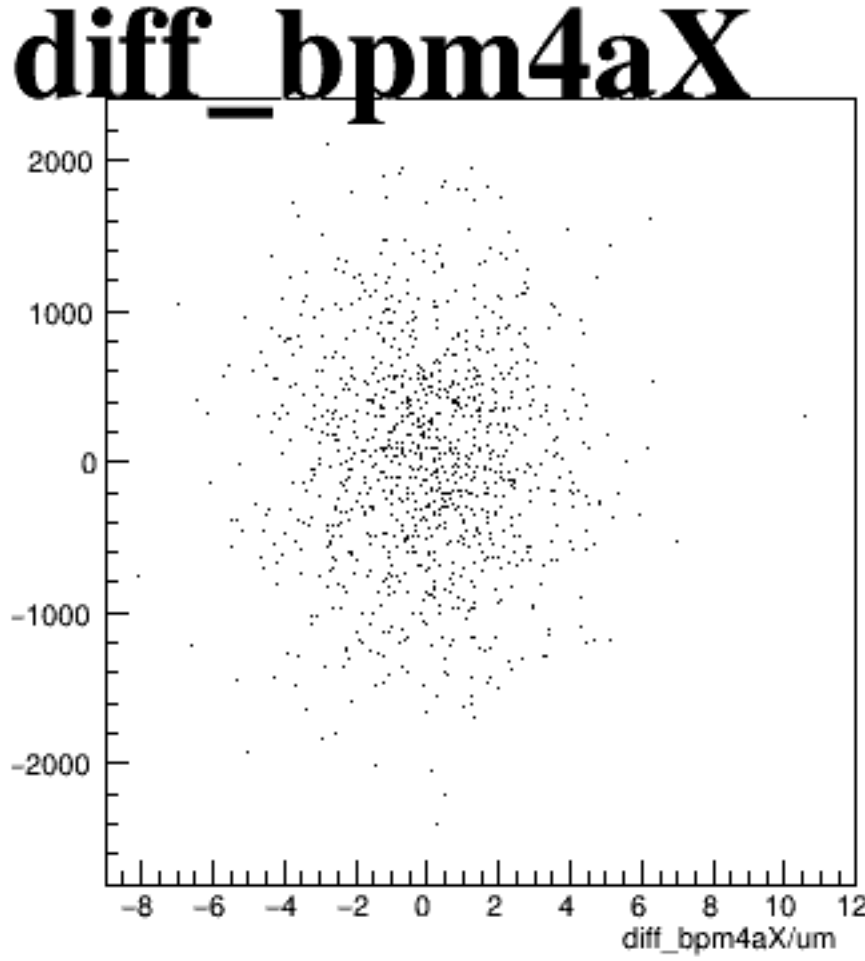
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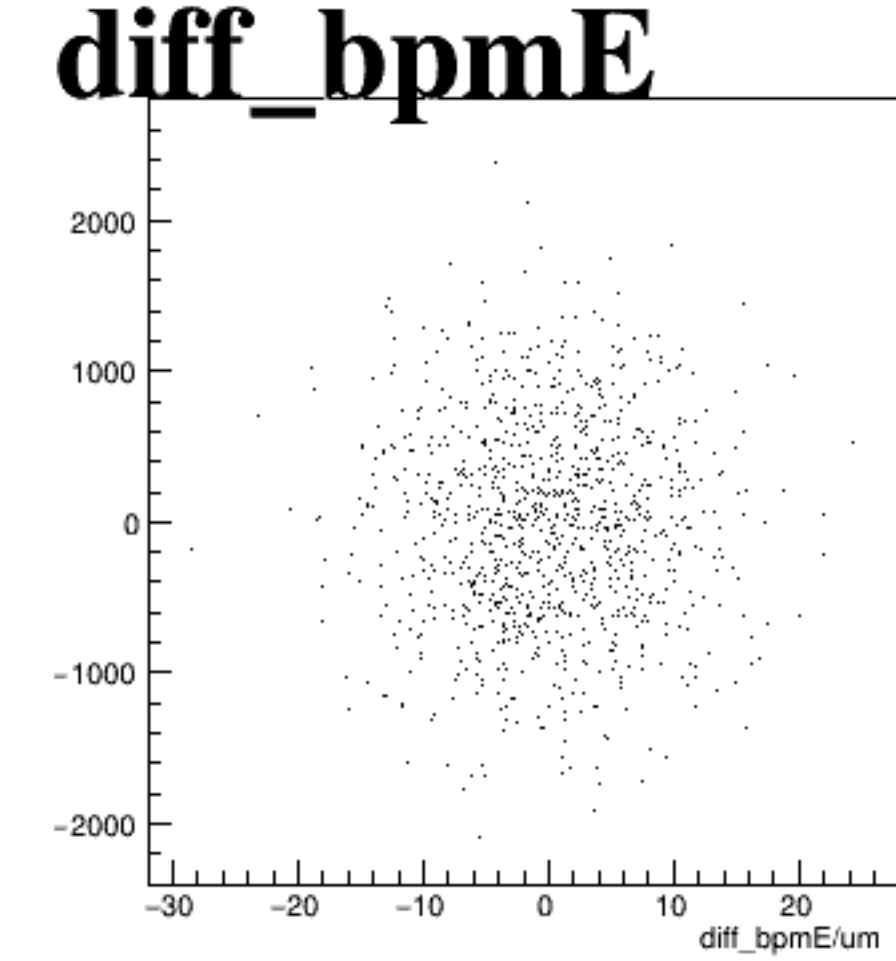
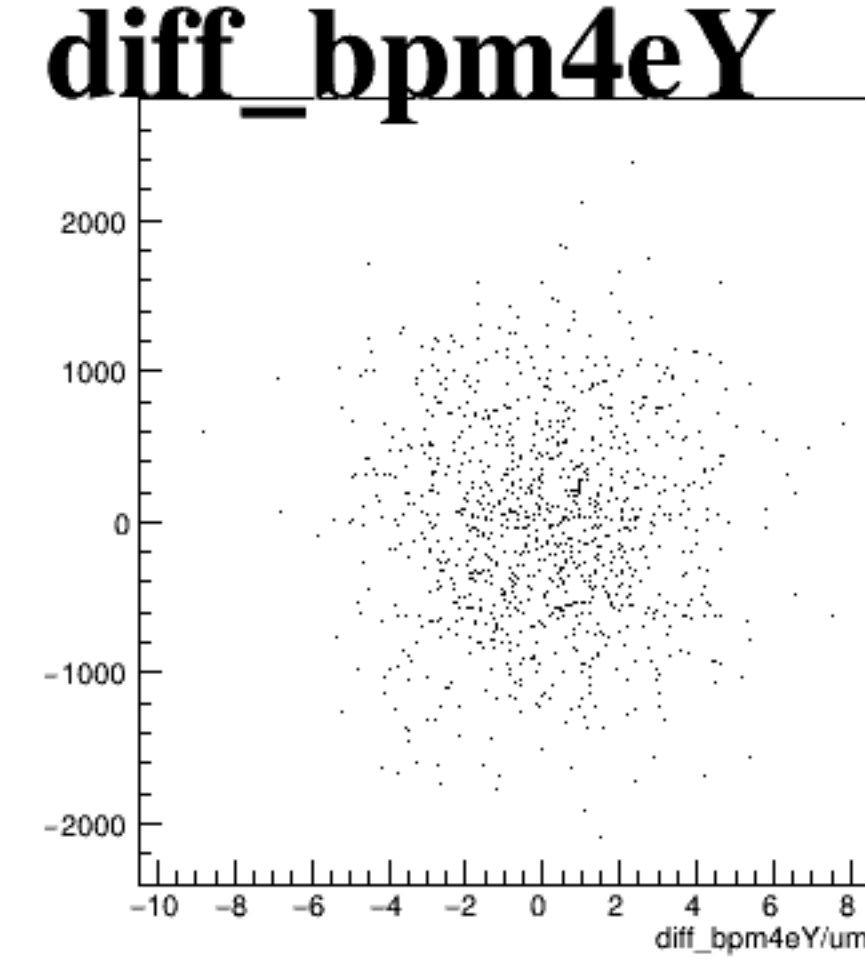
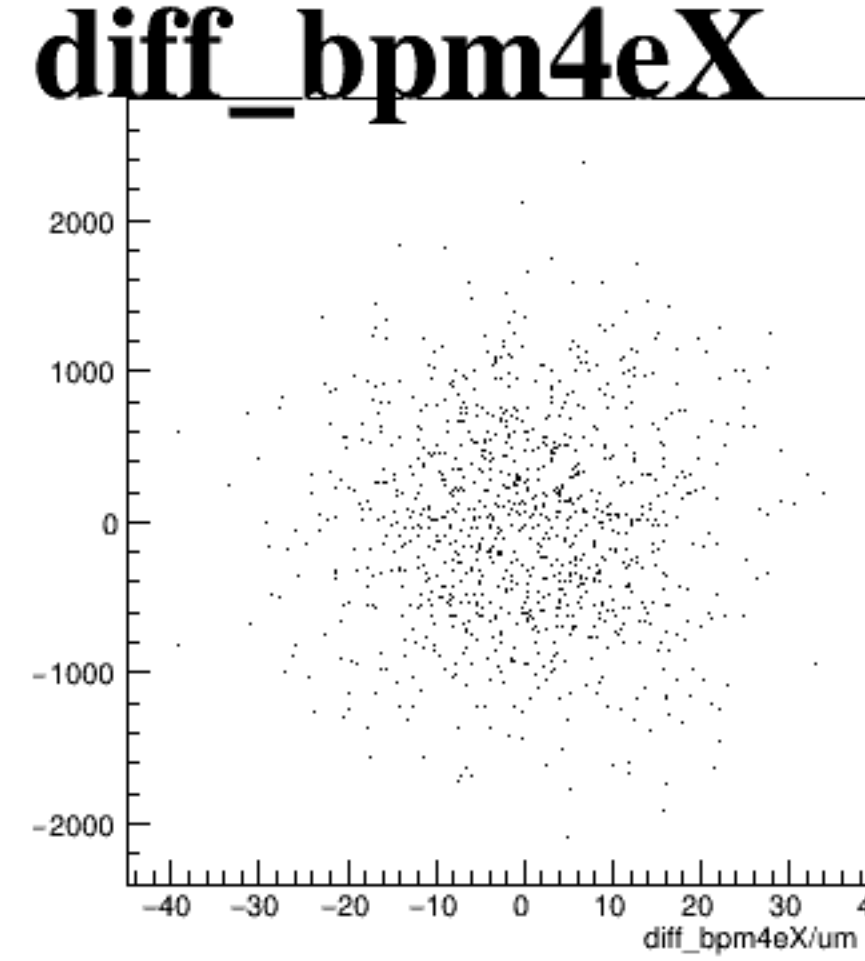
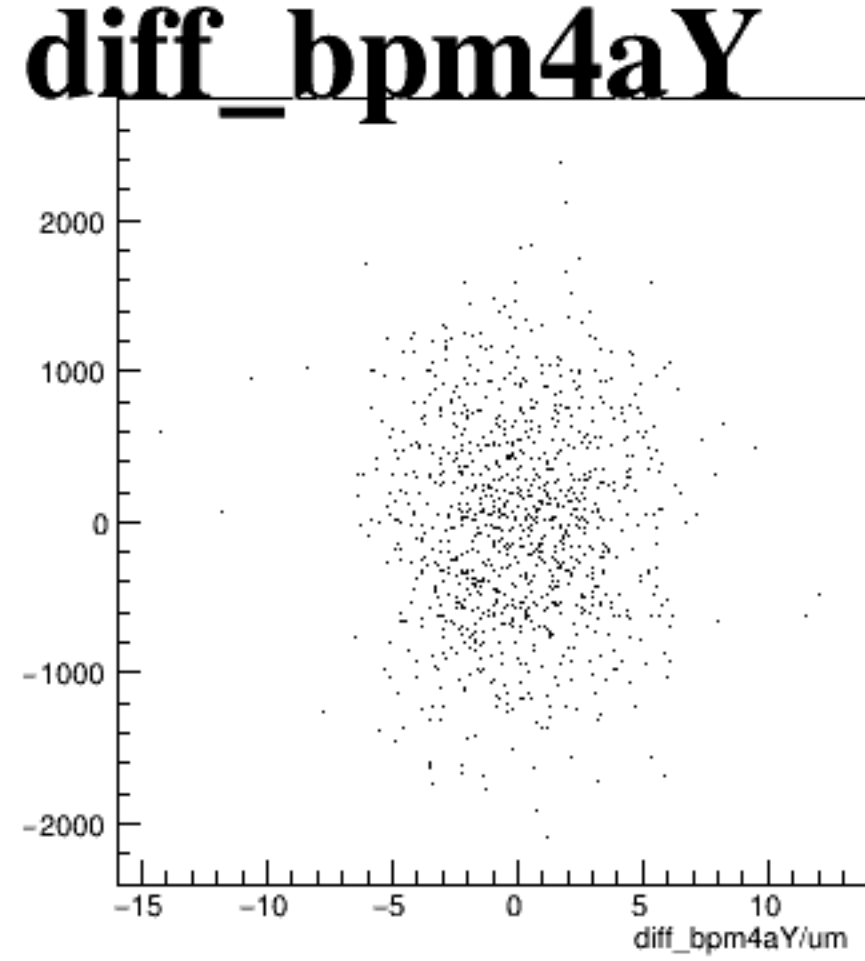
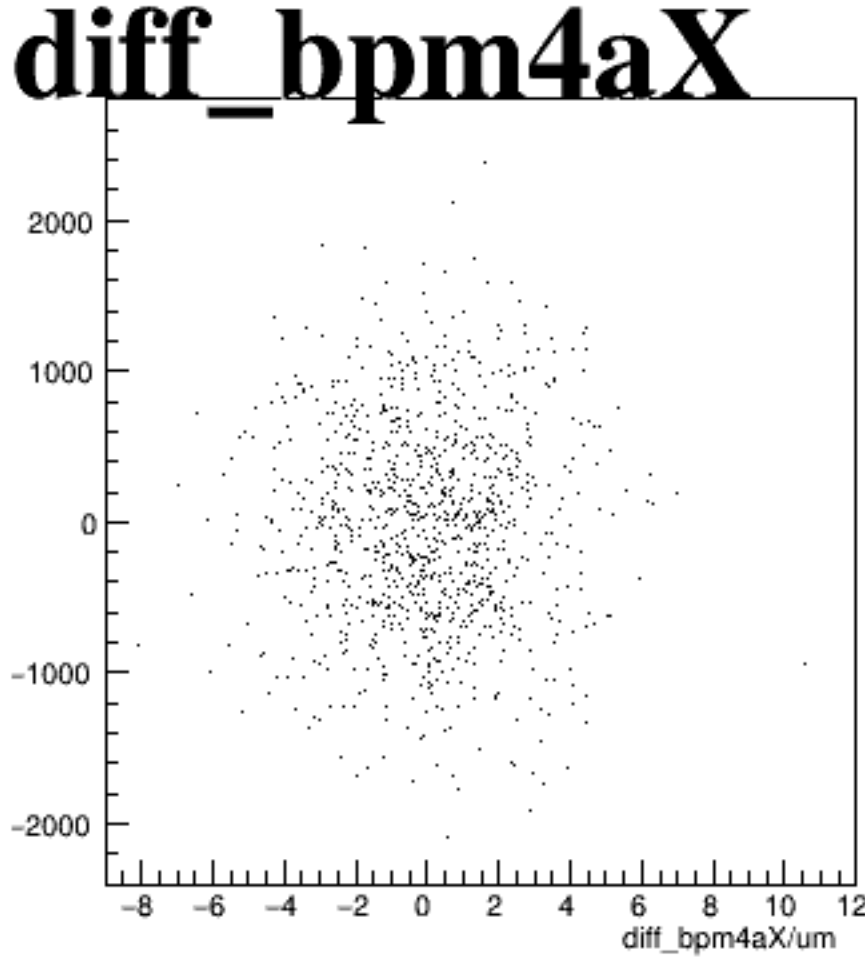
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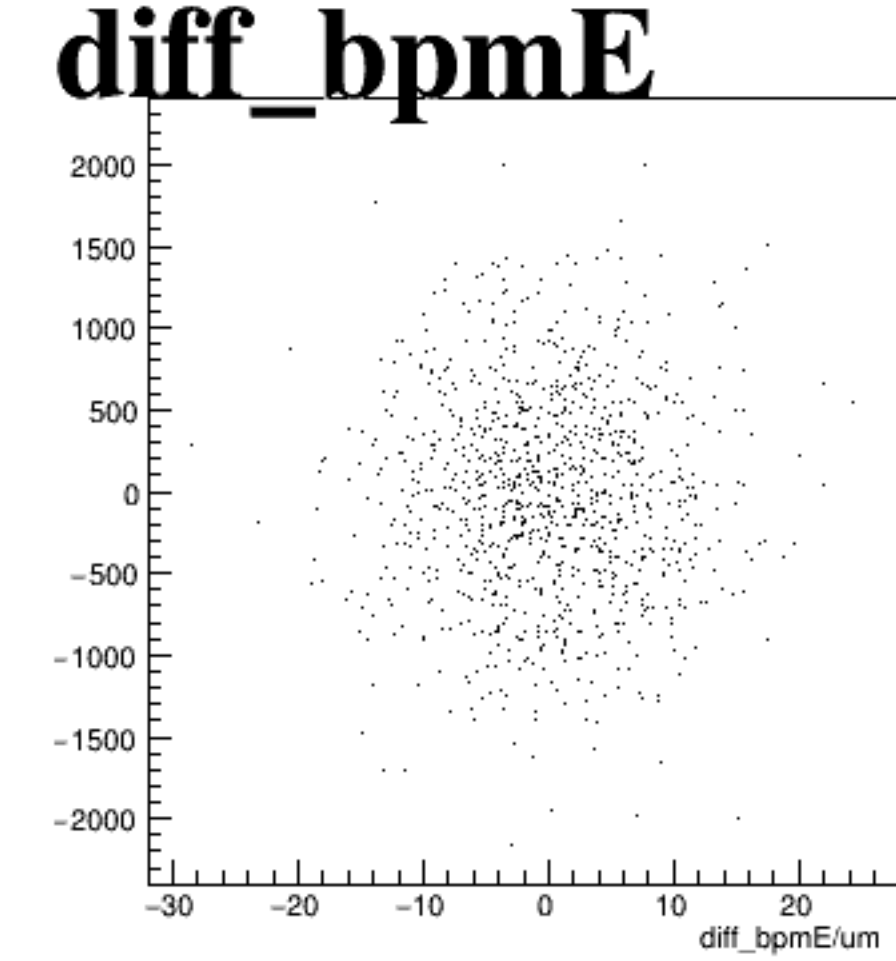
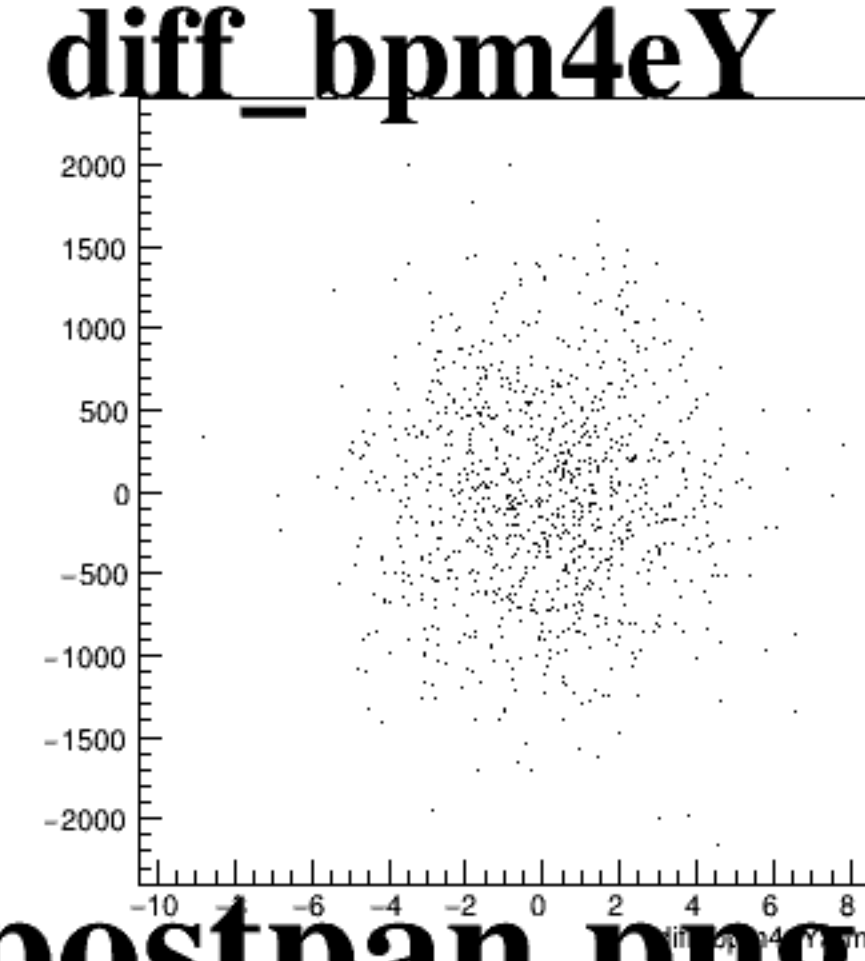
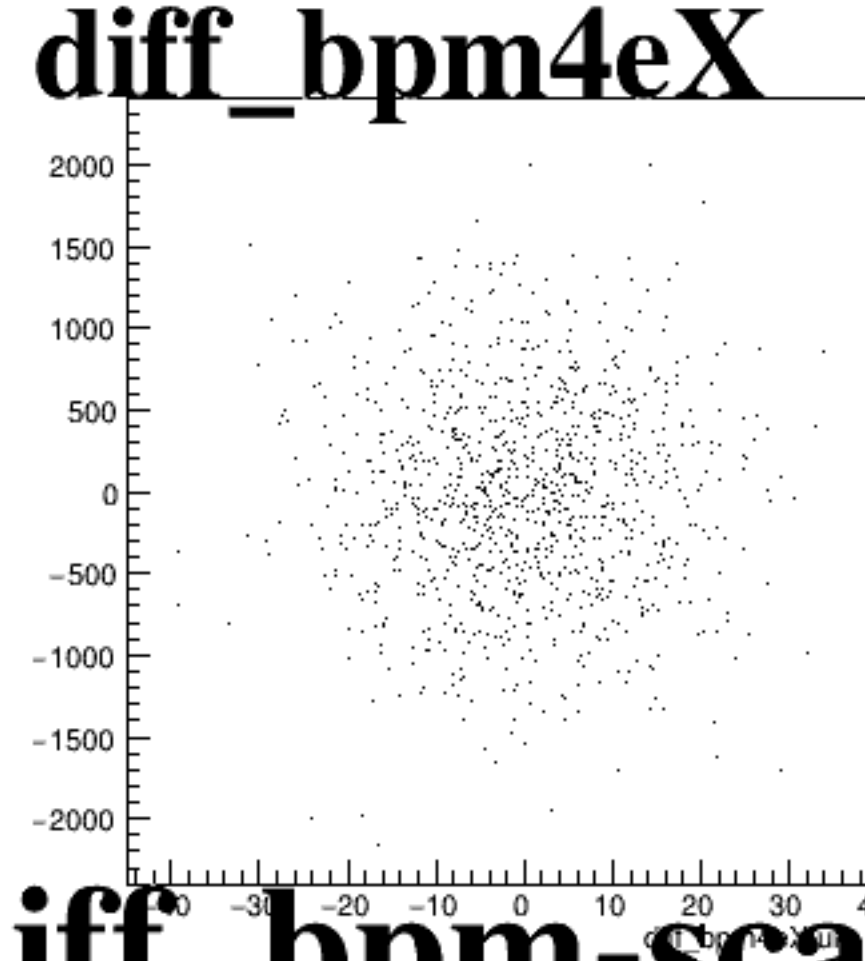
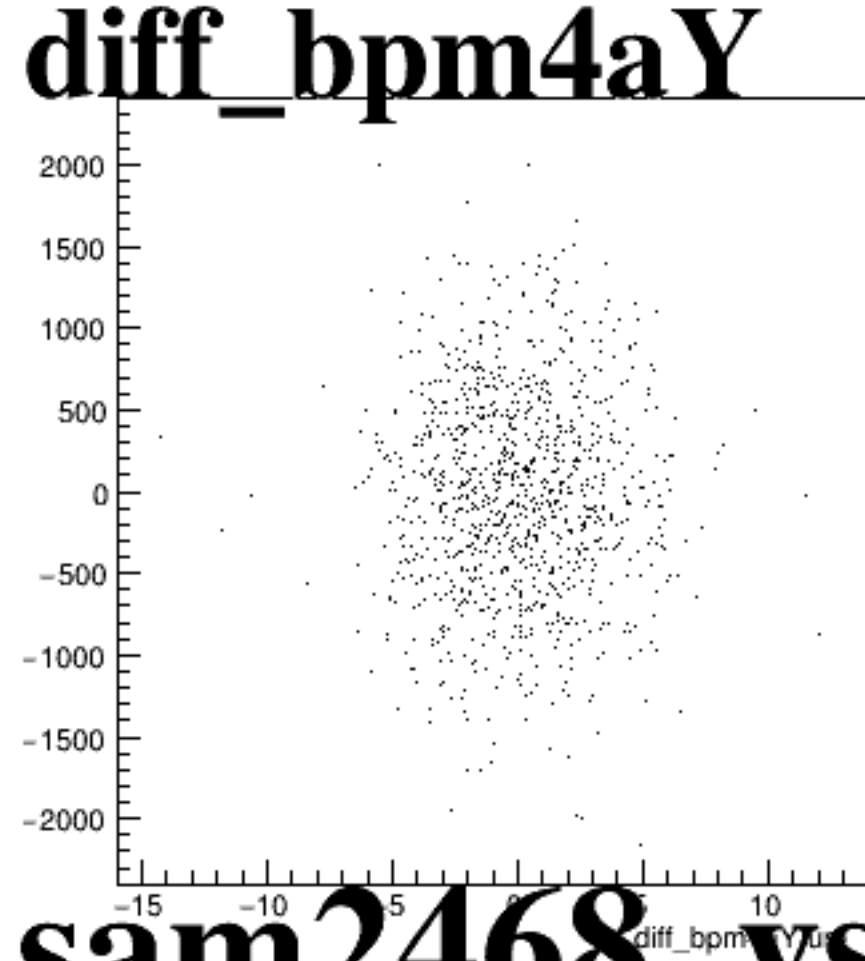
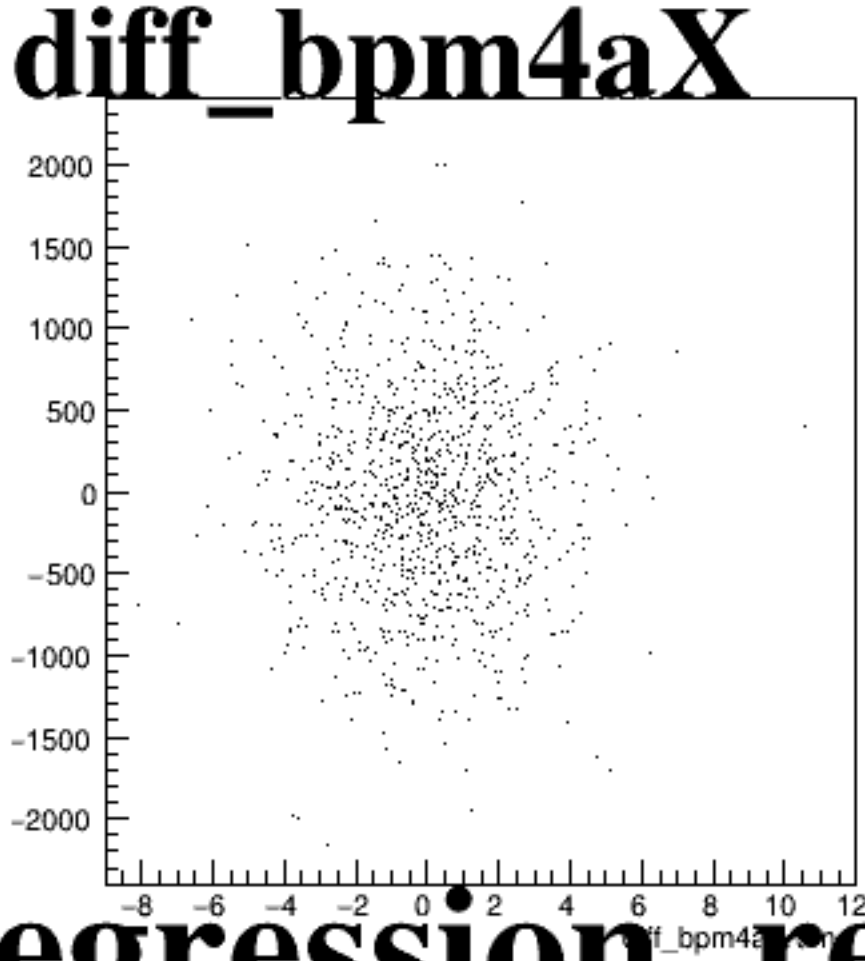
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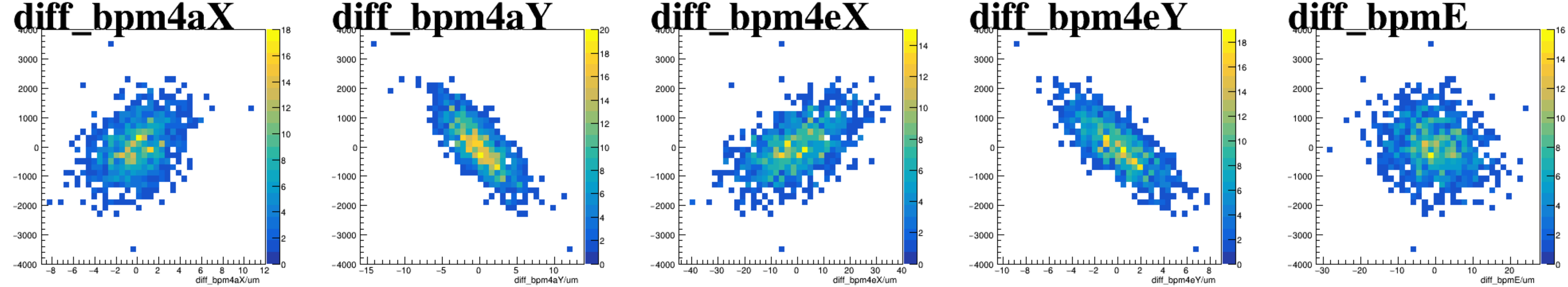
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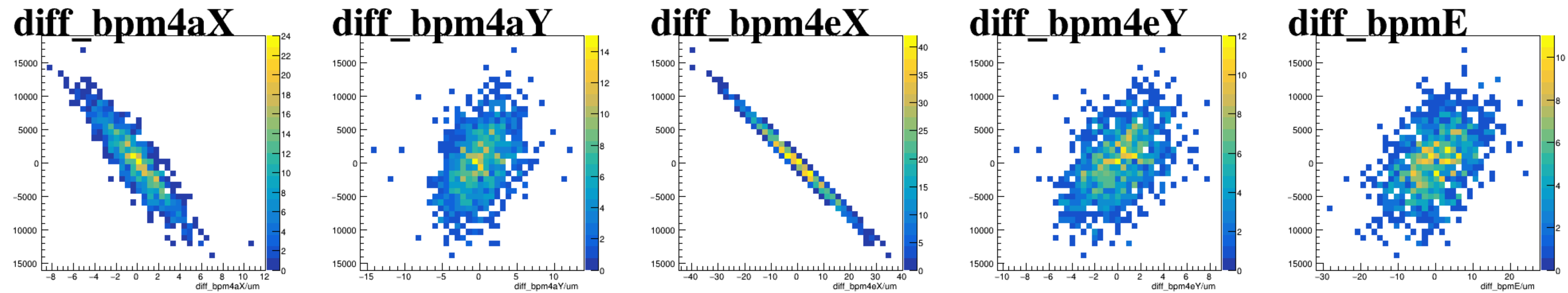
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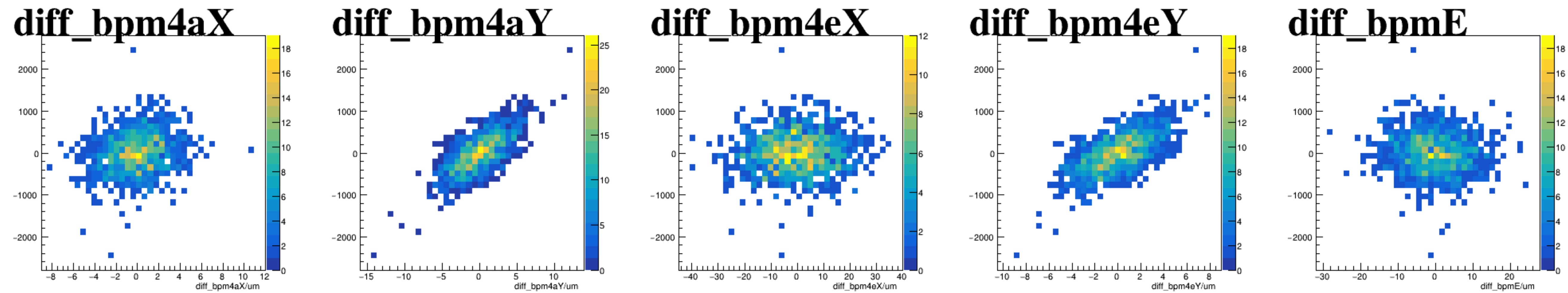
asym_sam1



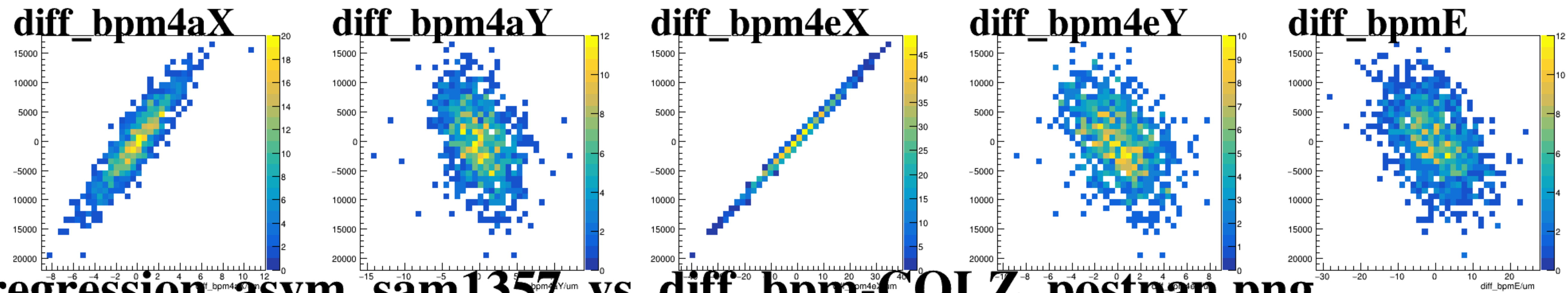
asym_sam3



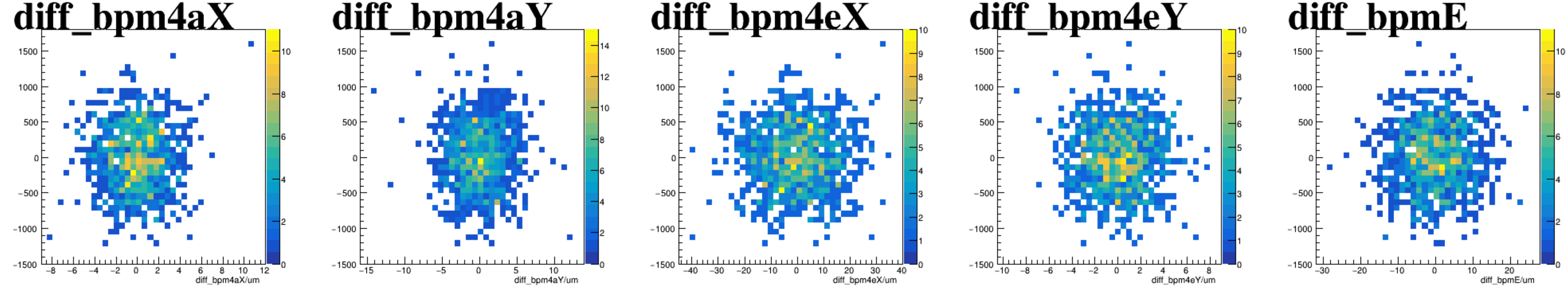
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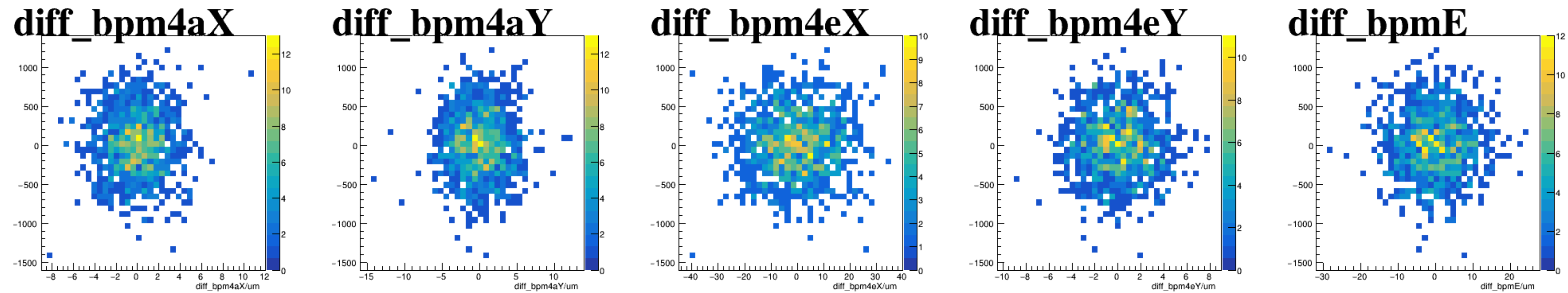
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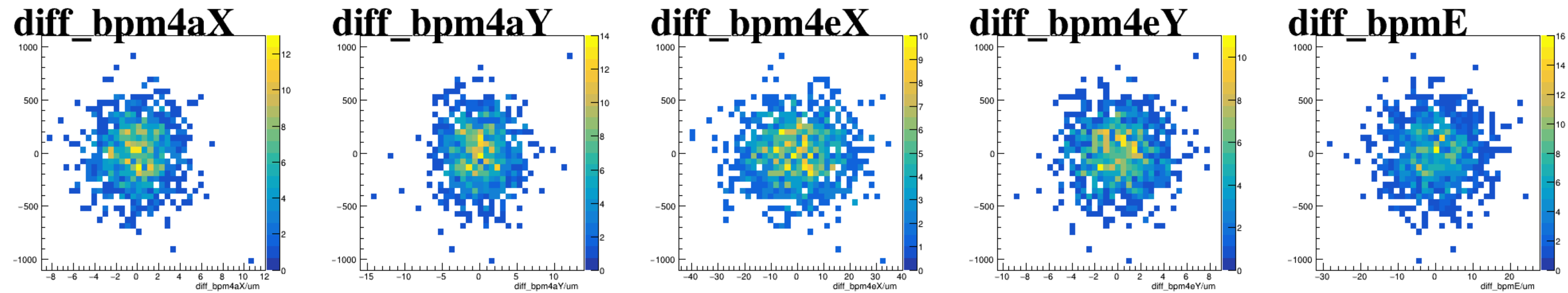
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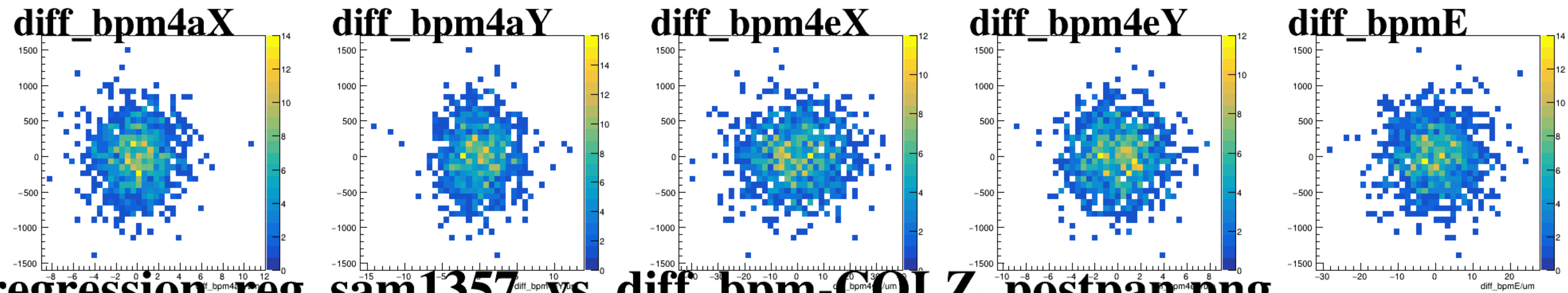
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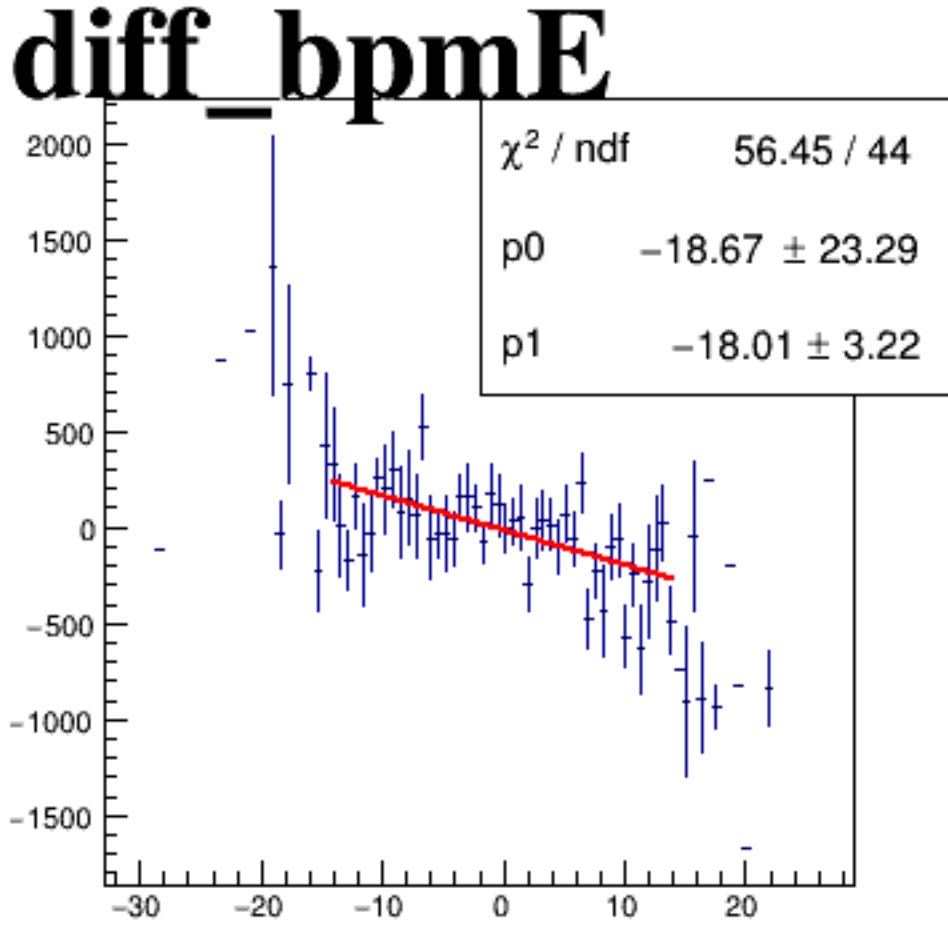
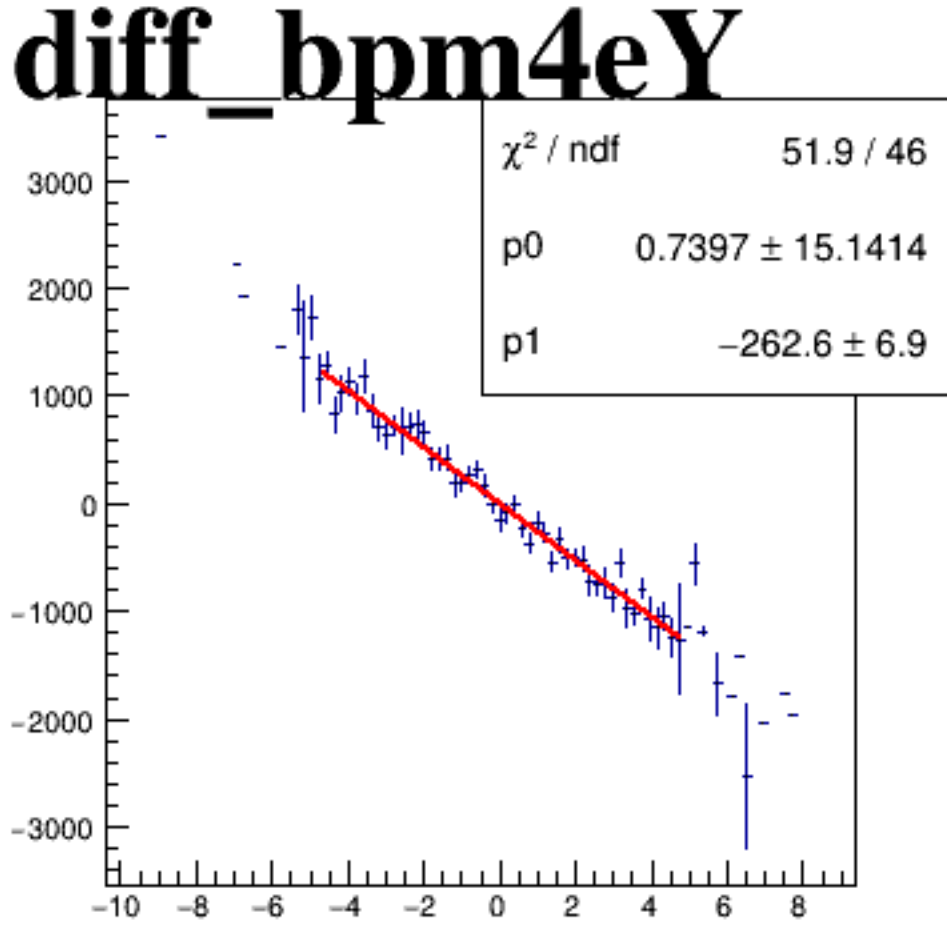
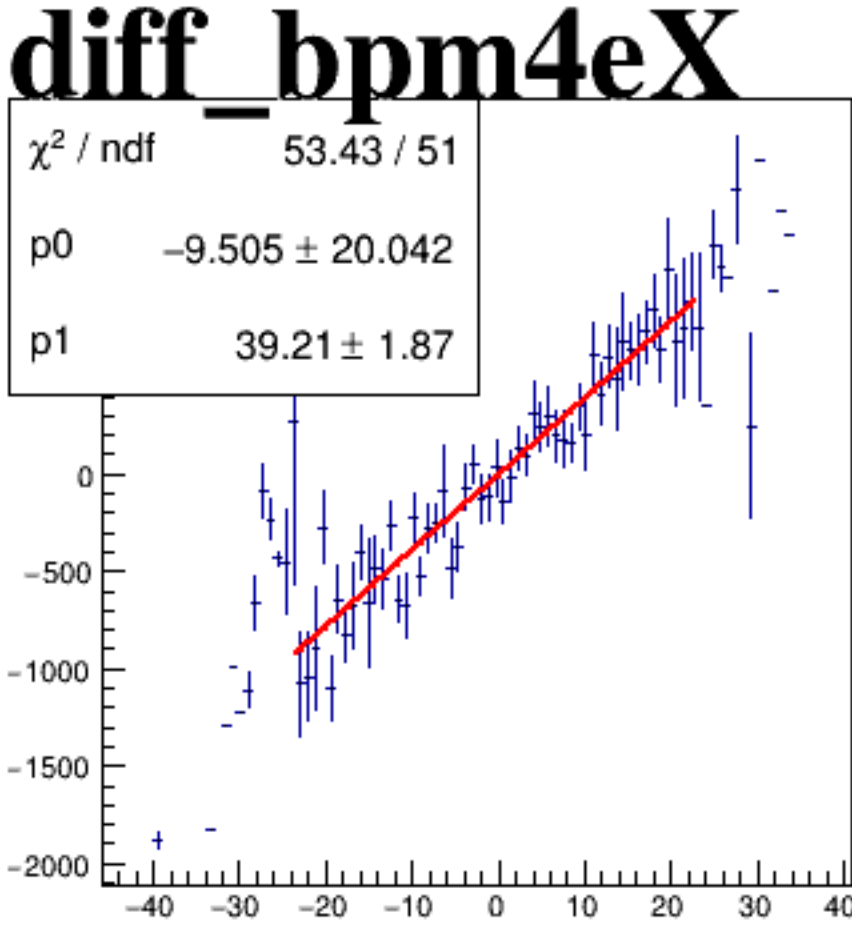
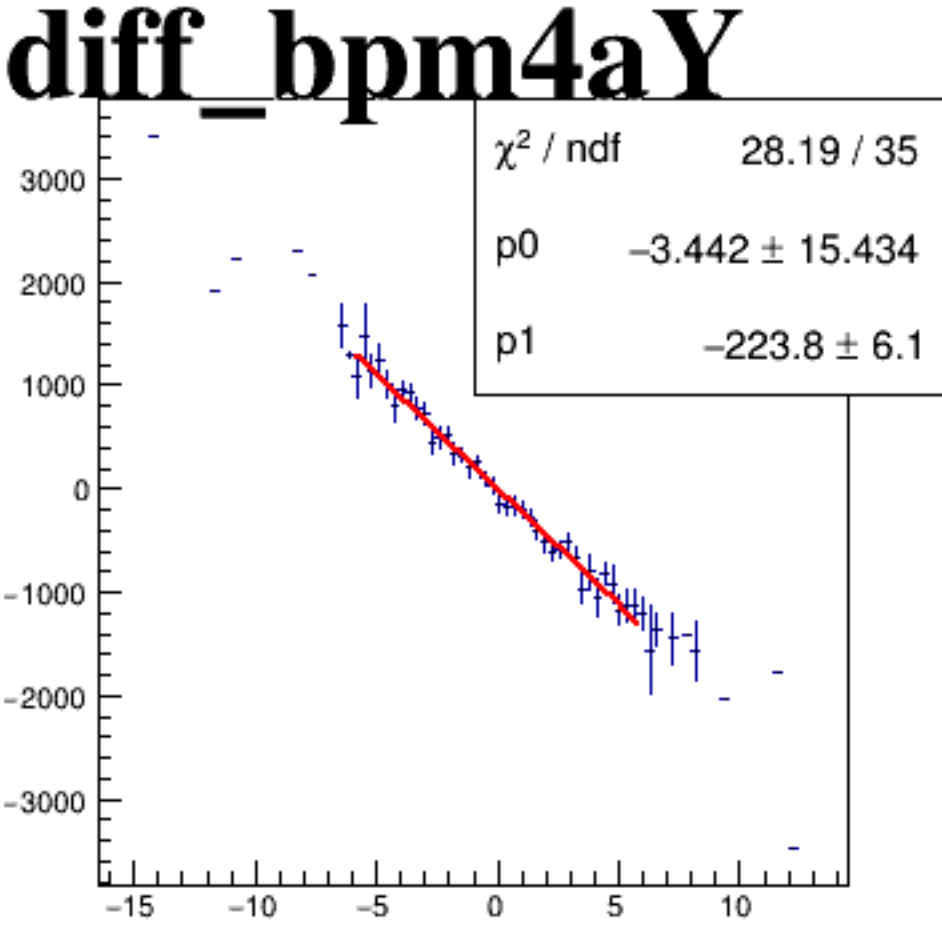
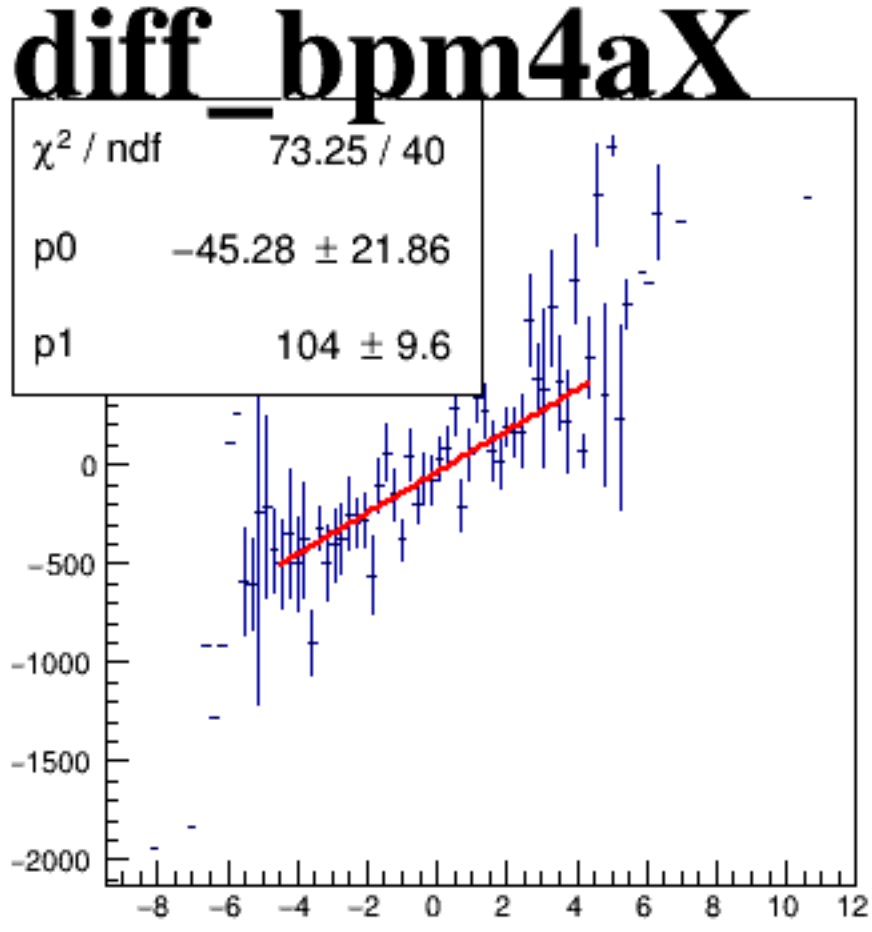
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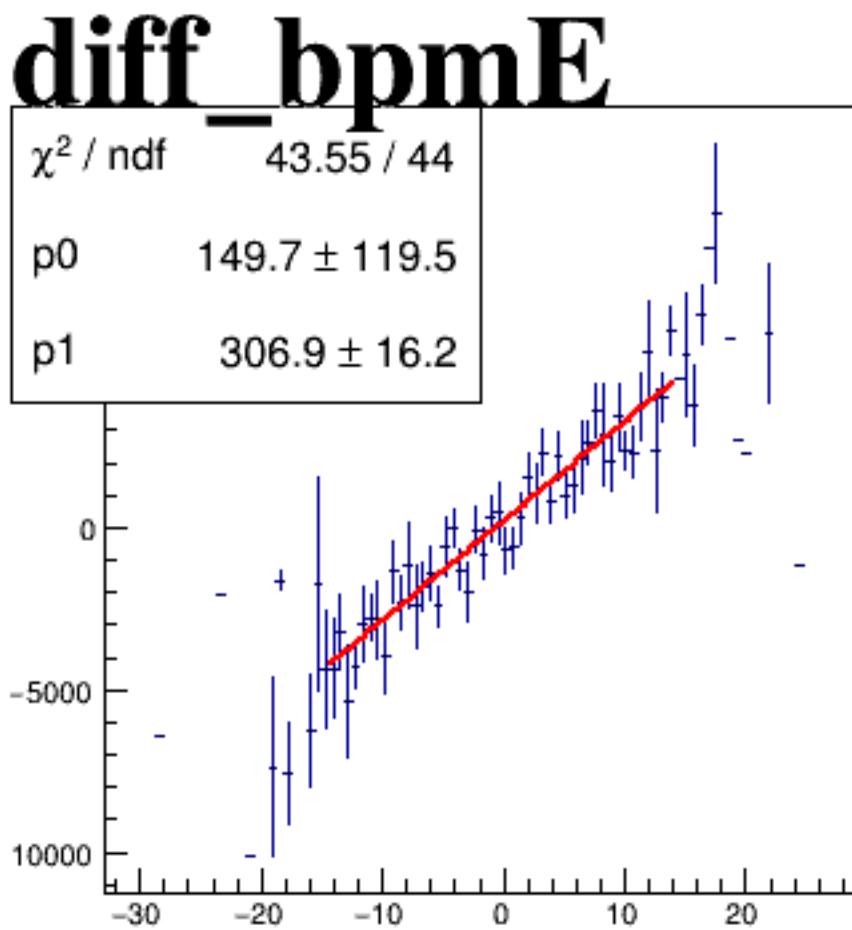
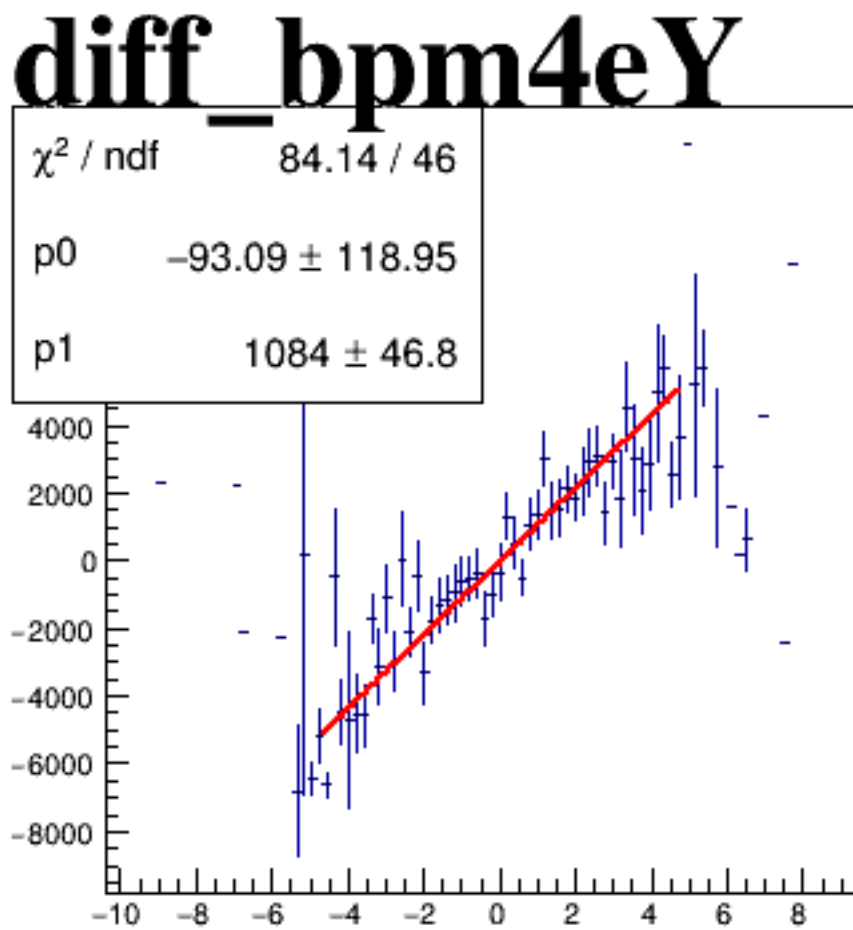
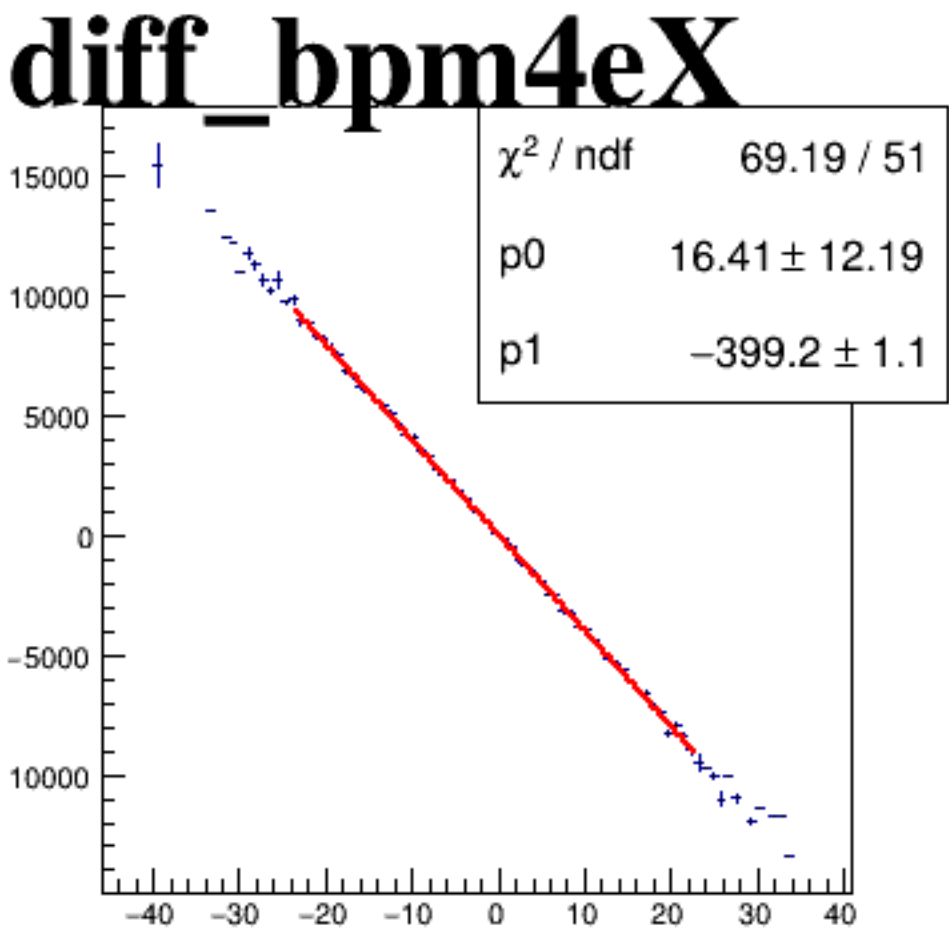
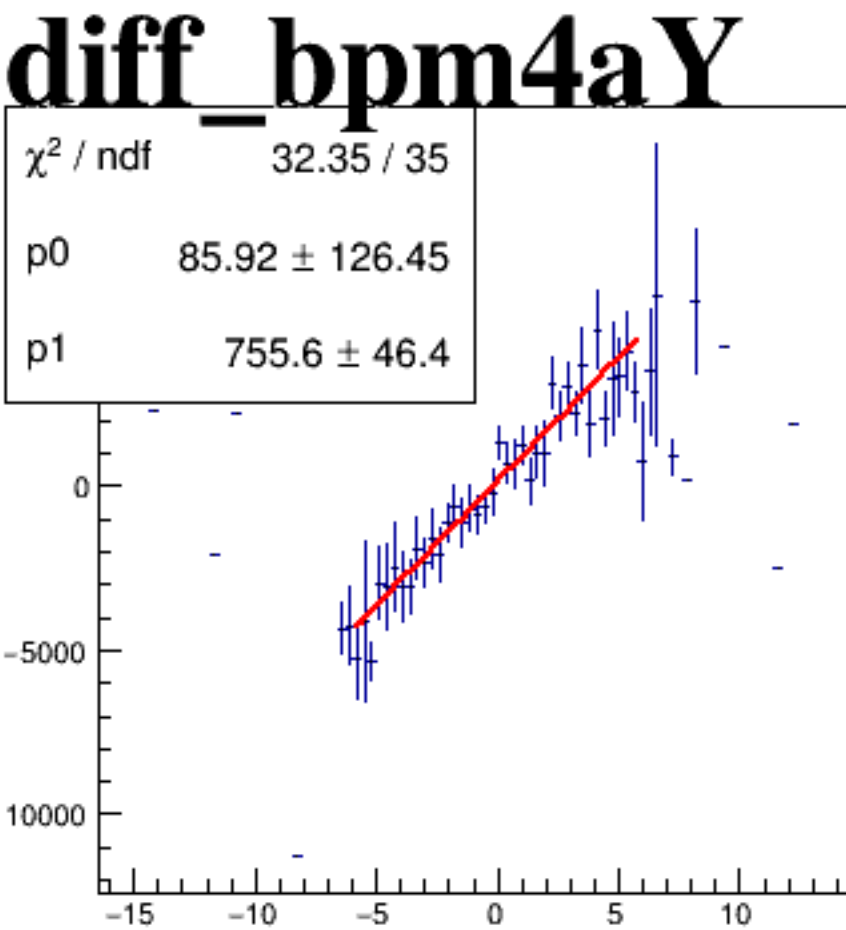
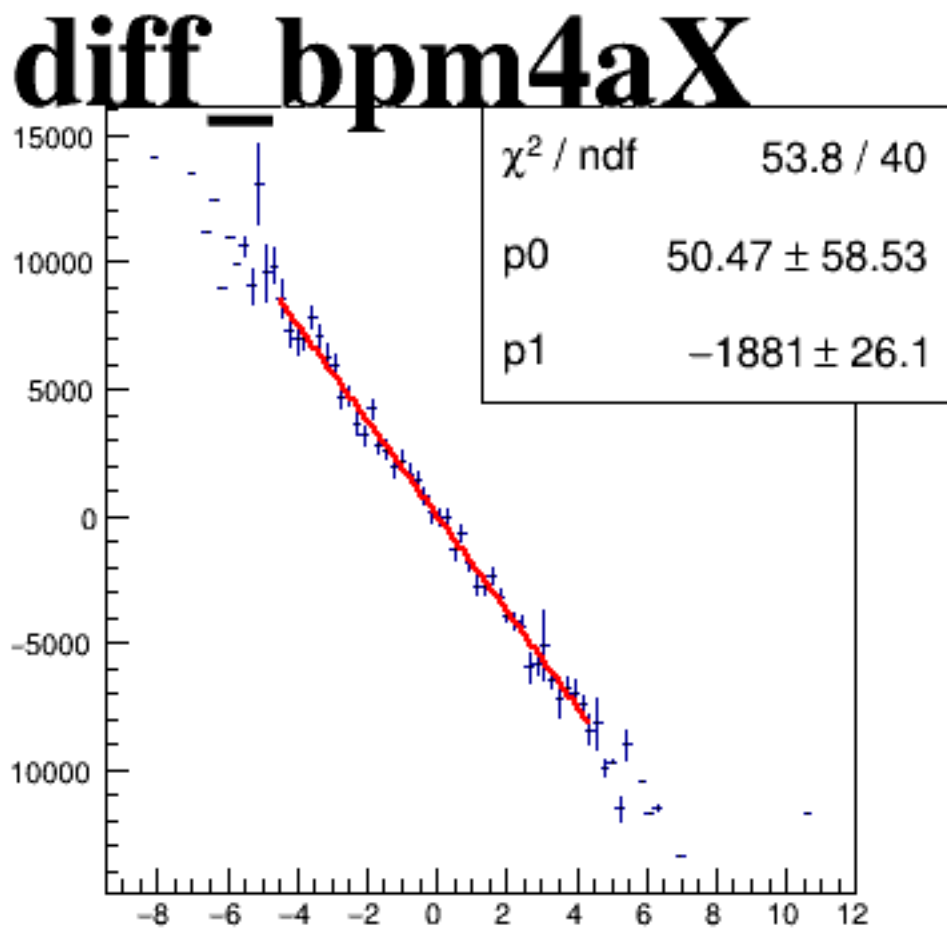
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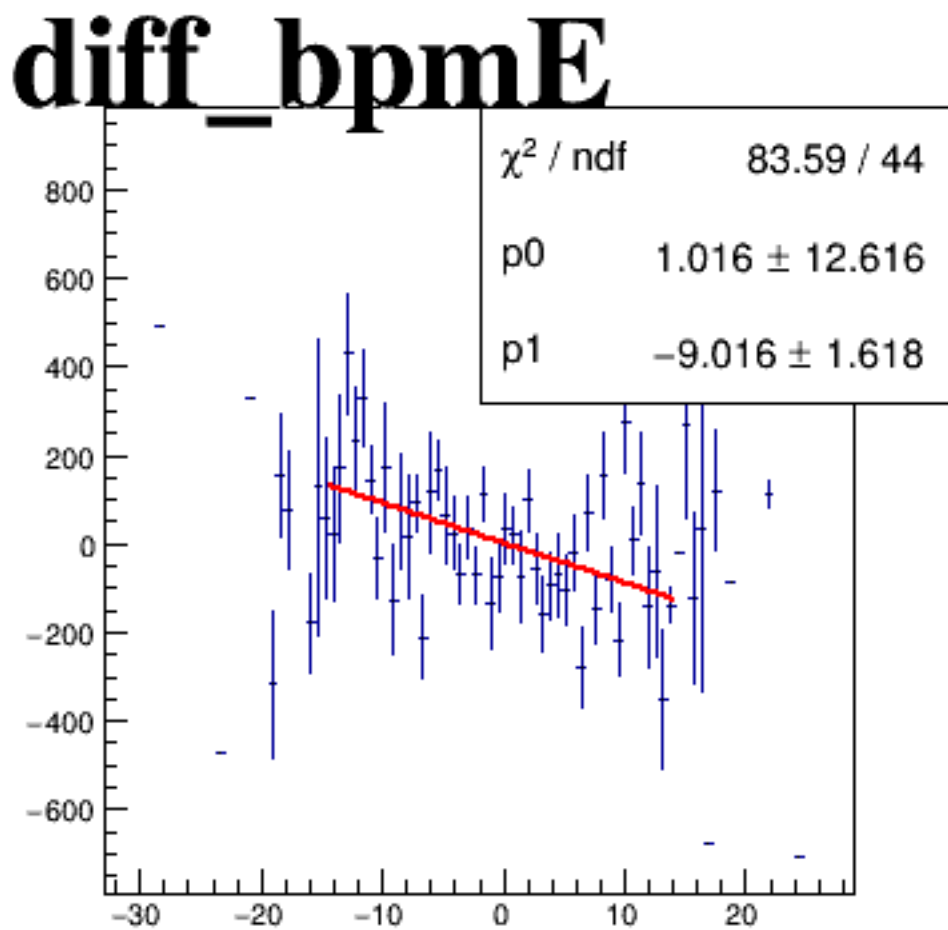
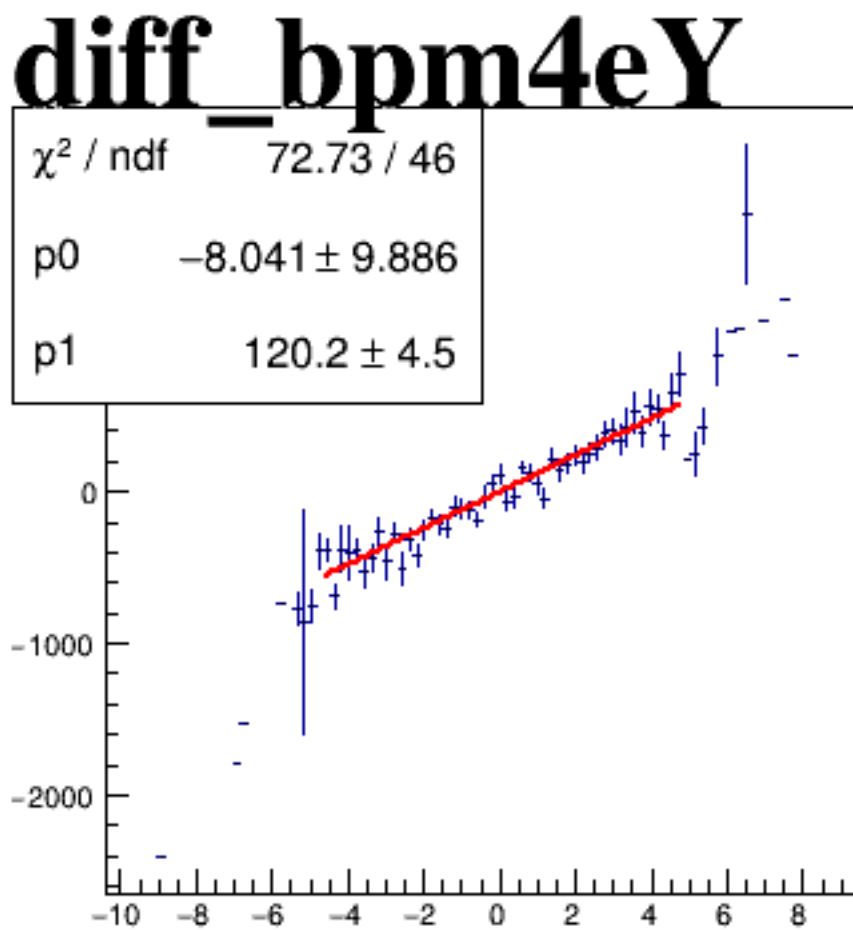
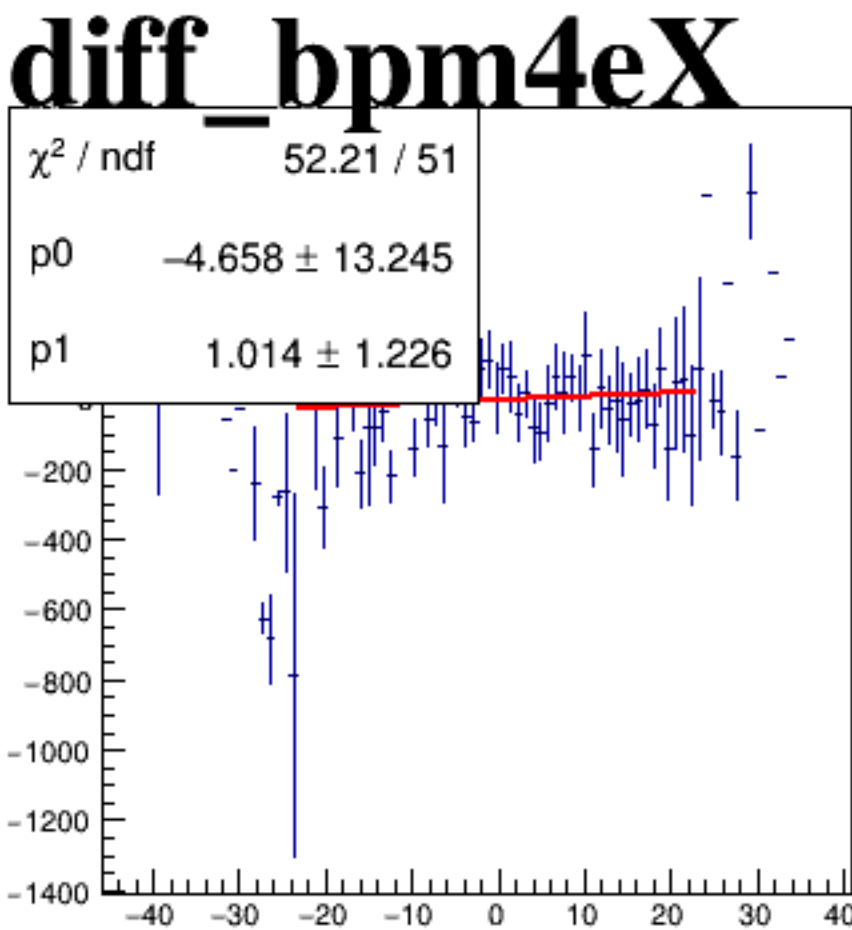
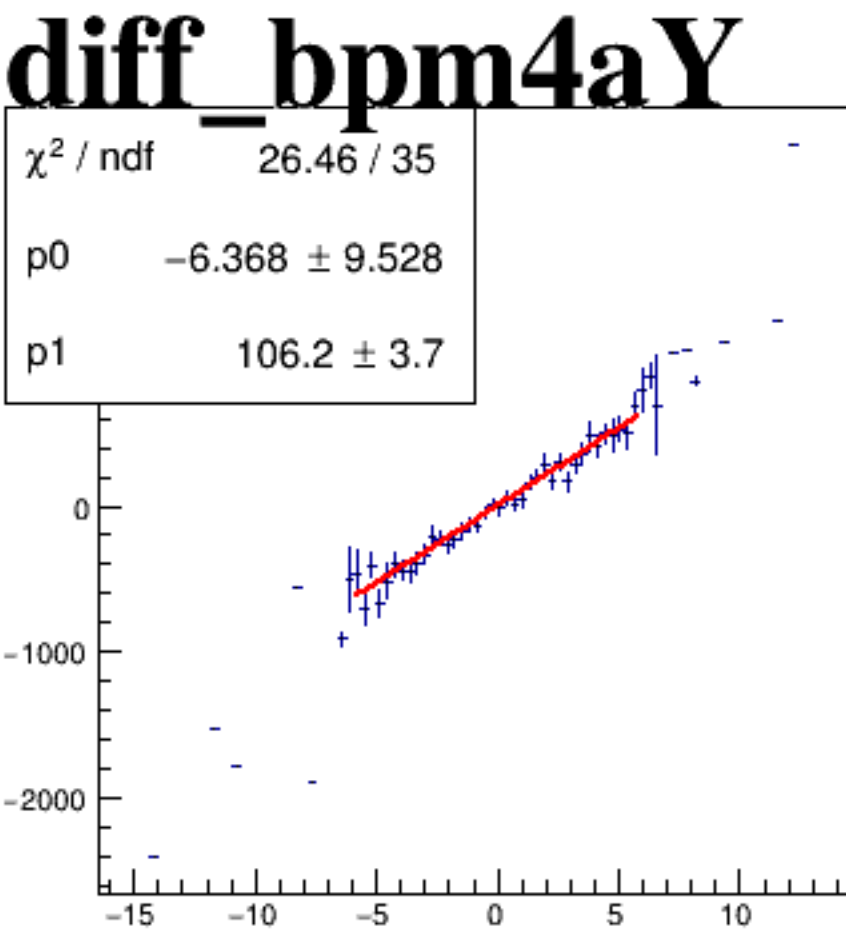
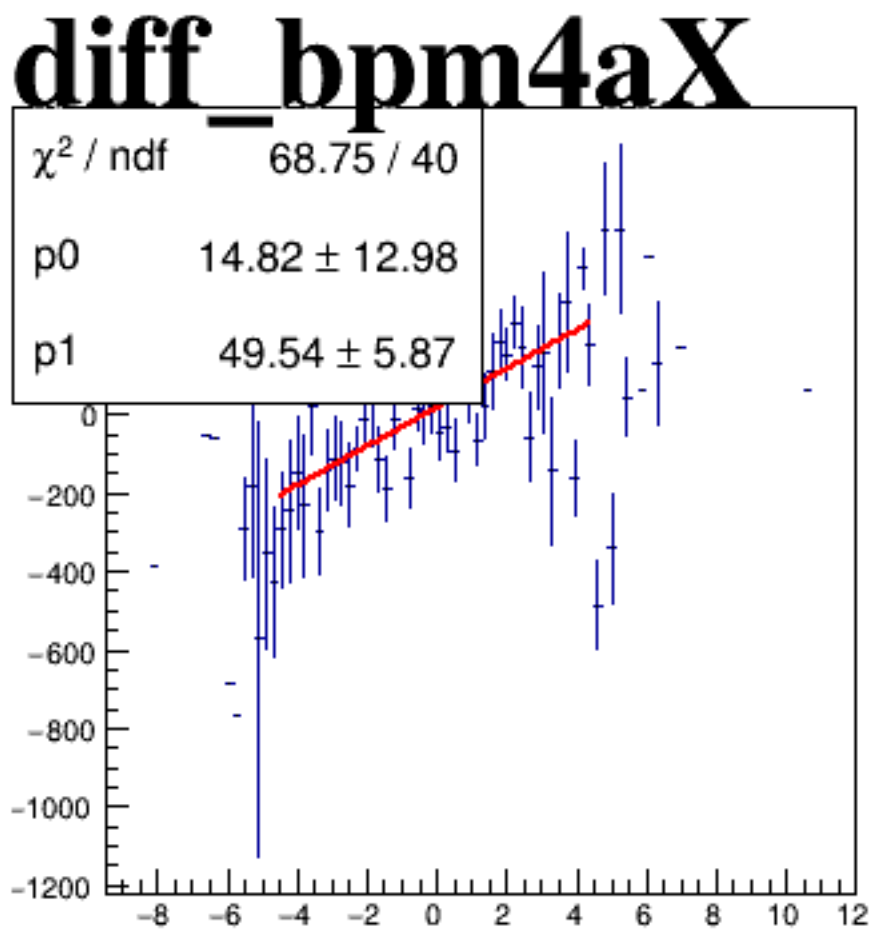
asym_sam1



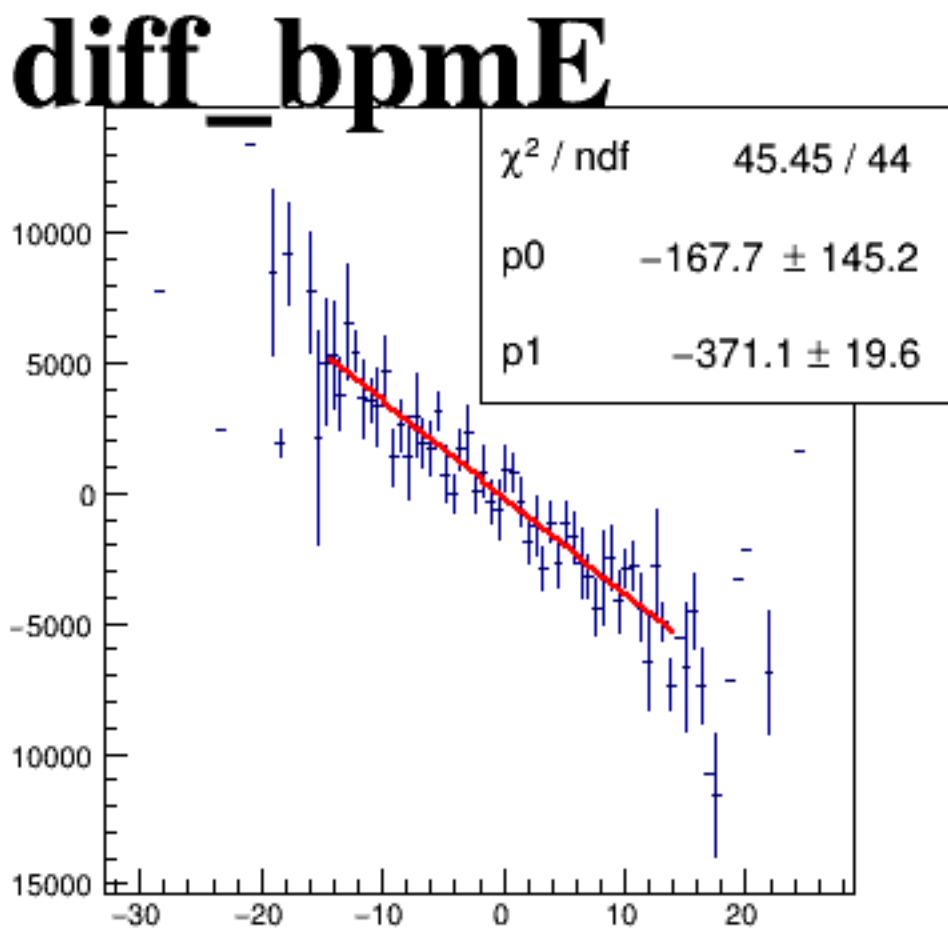
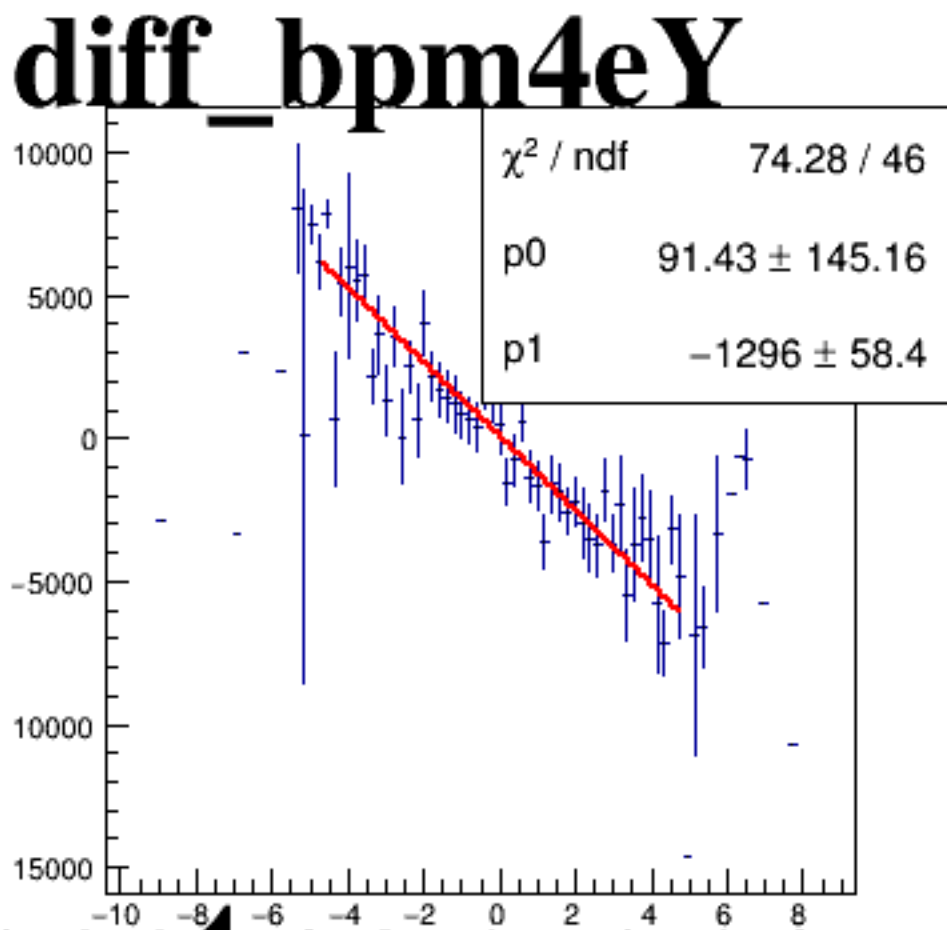
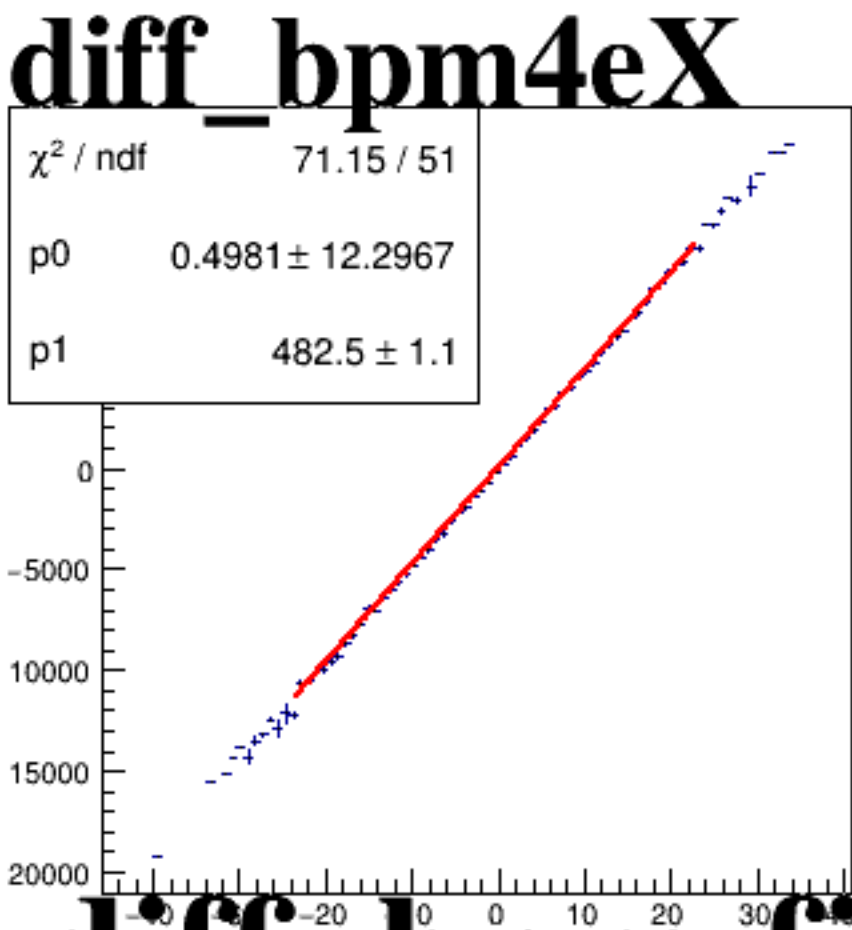
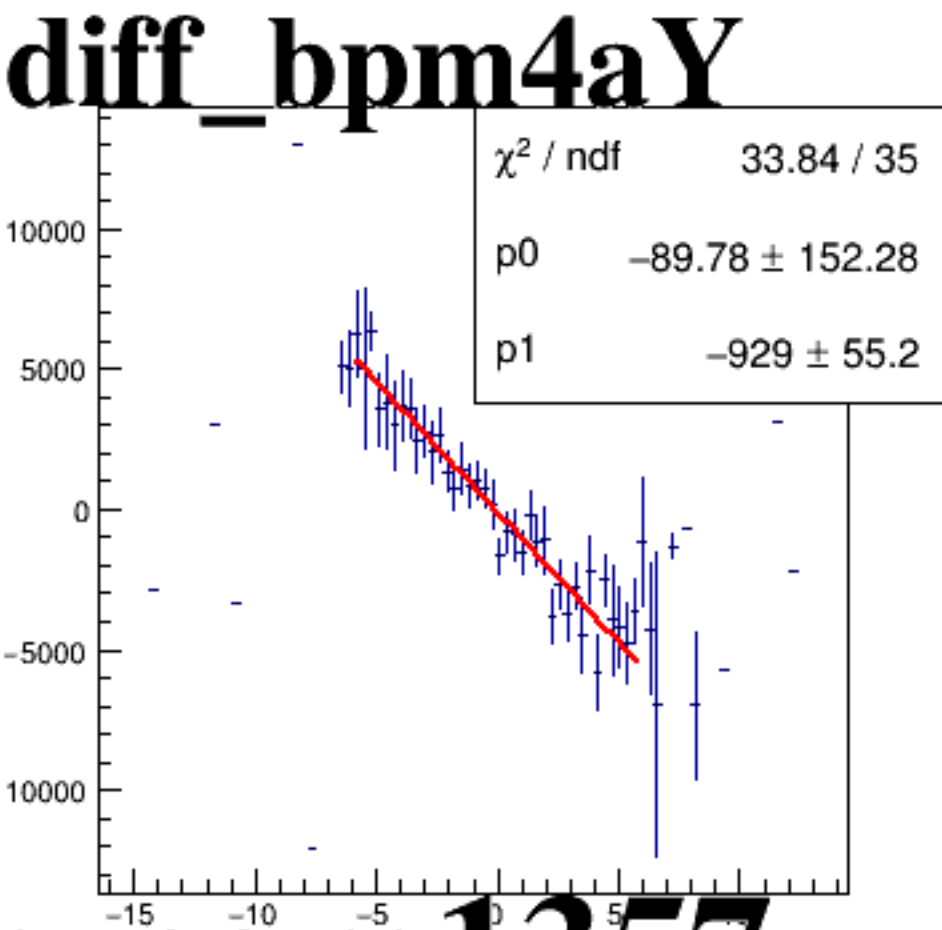
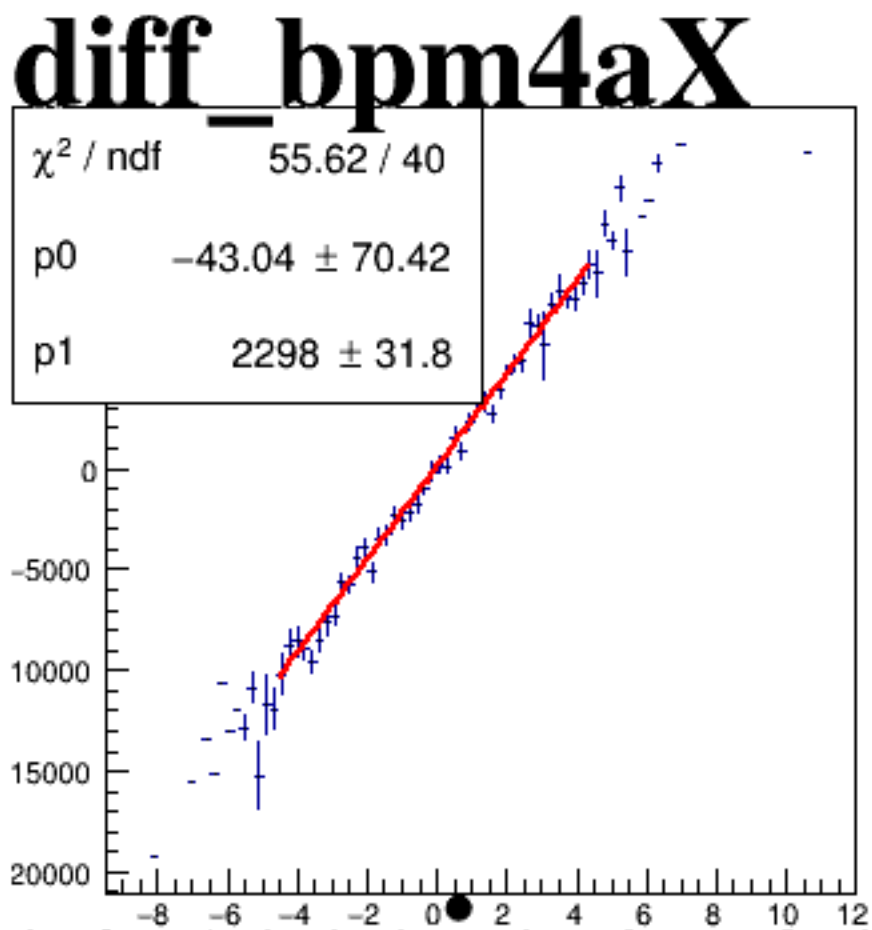
asym_sam3



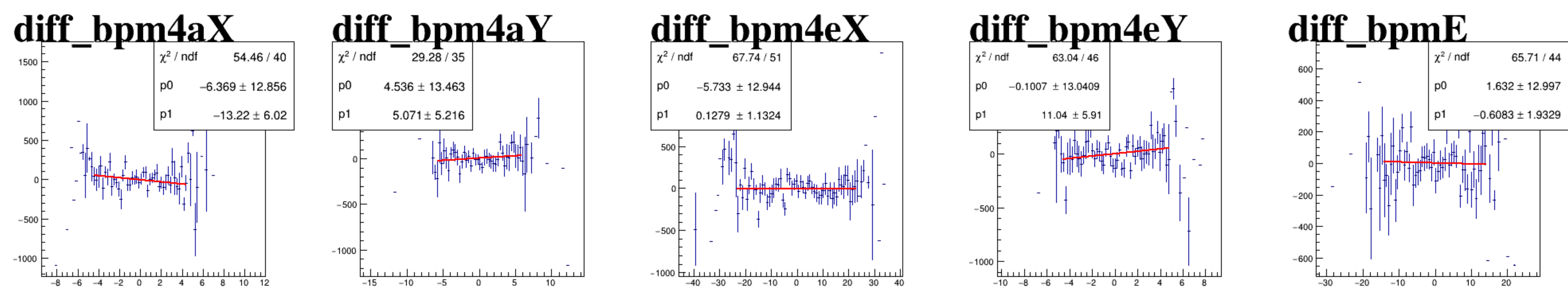
asym_sam5



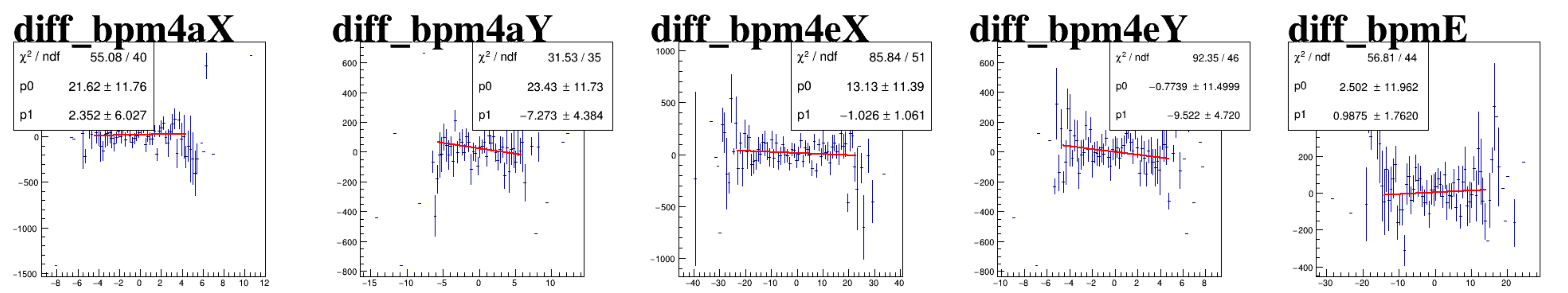
asym_sam7



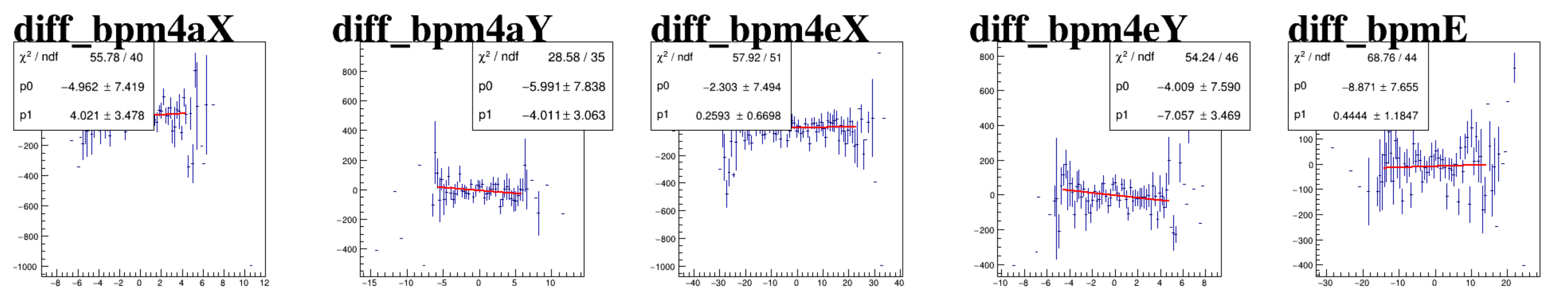
reg_asym_sam1



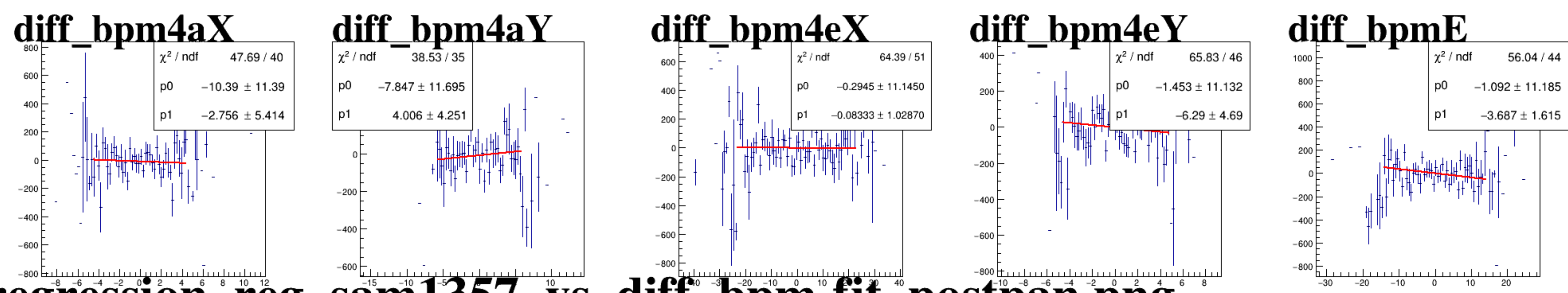
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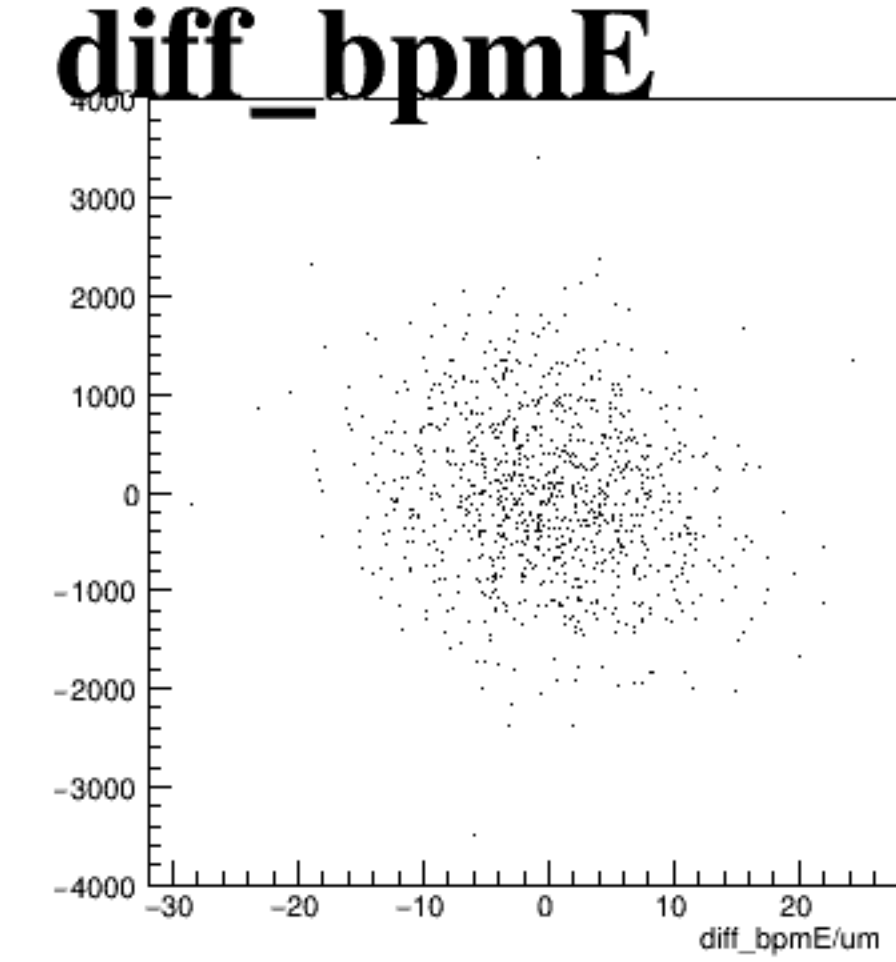
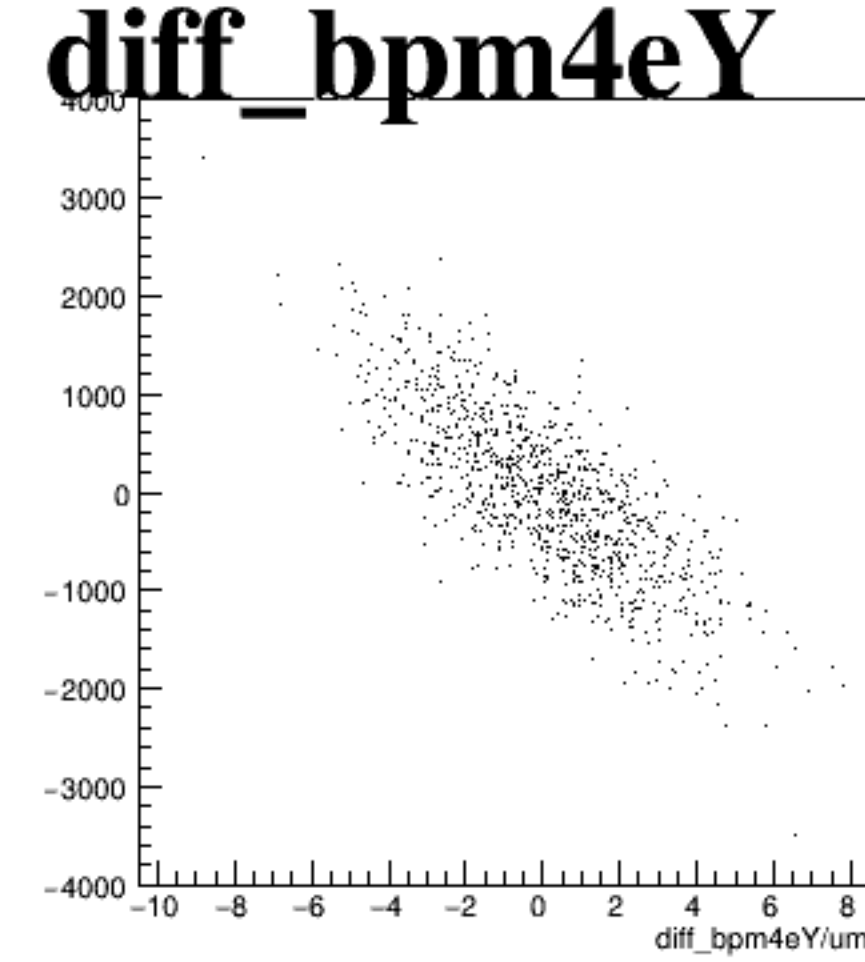
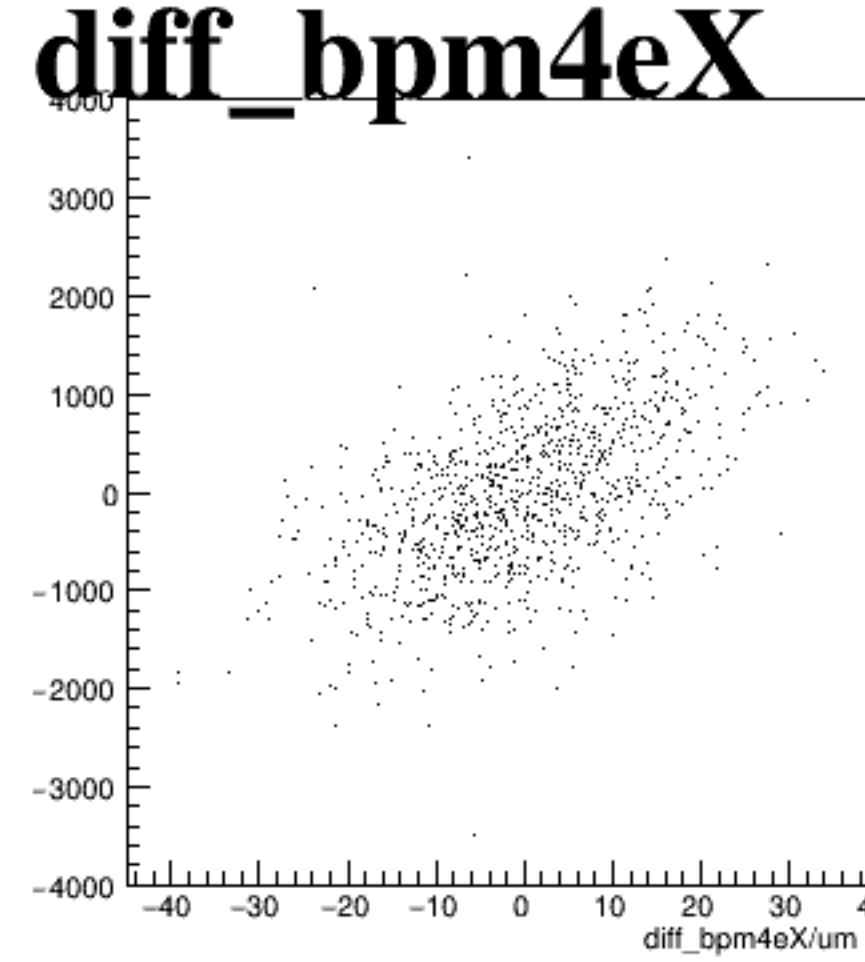
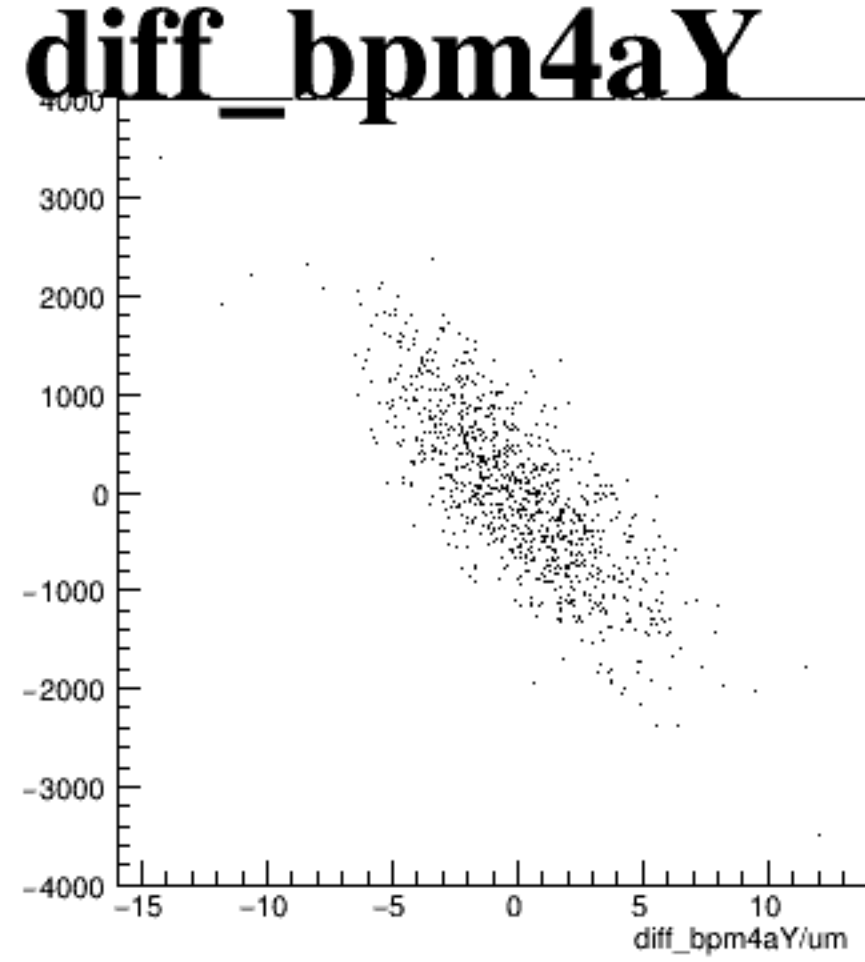
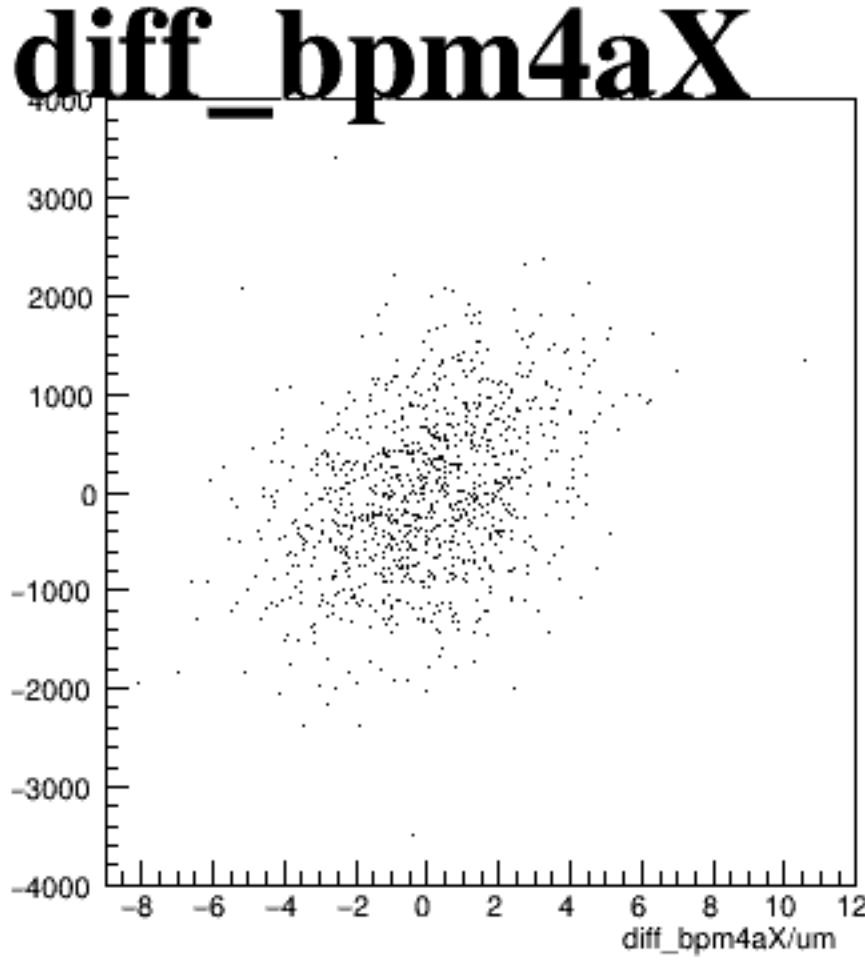
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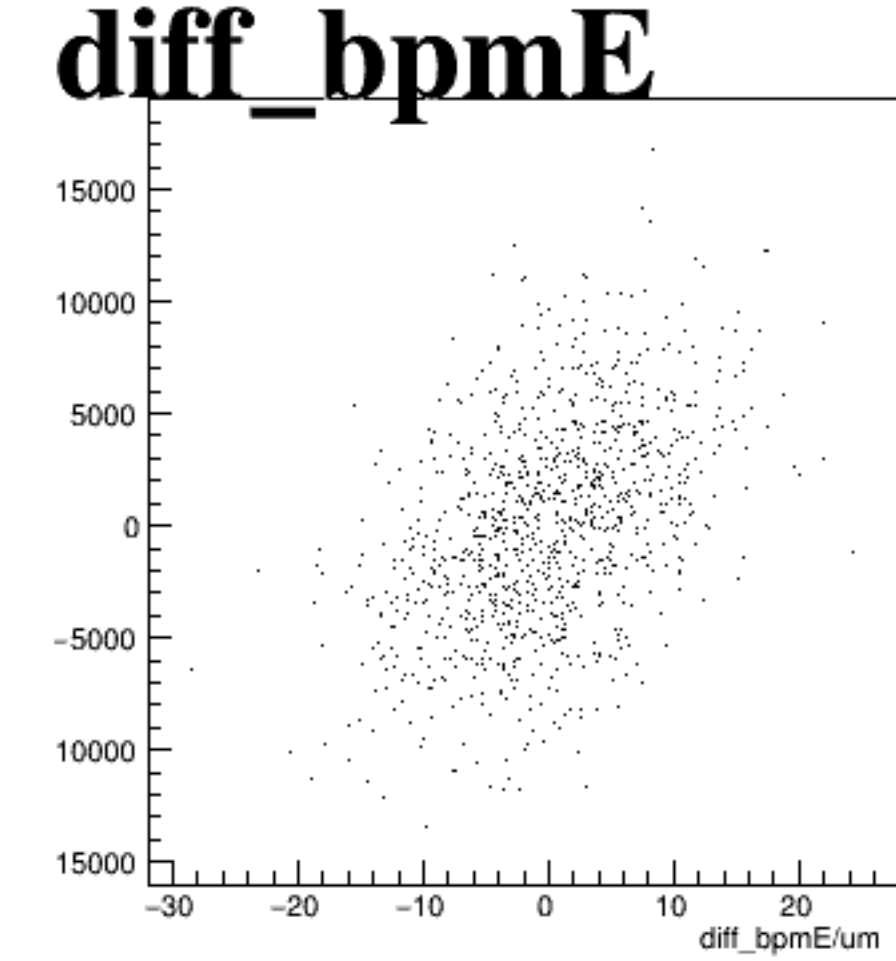
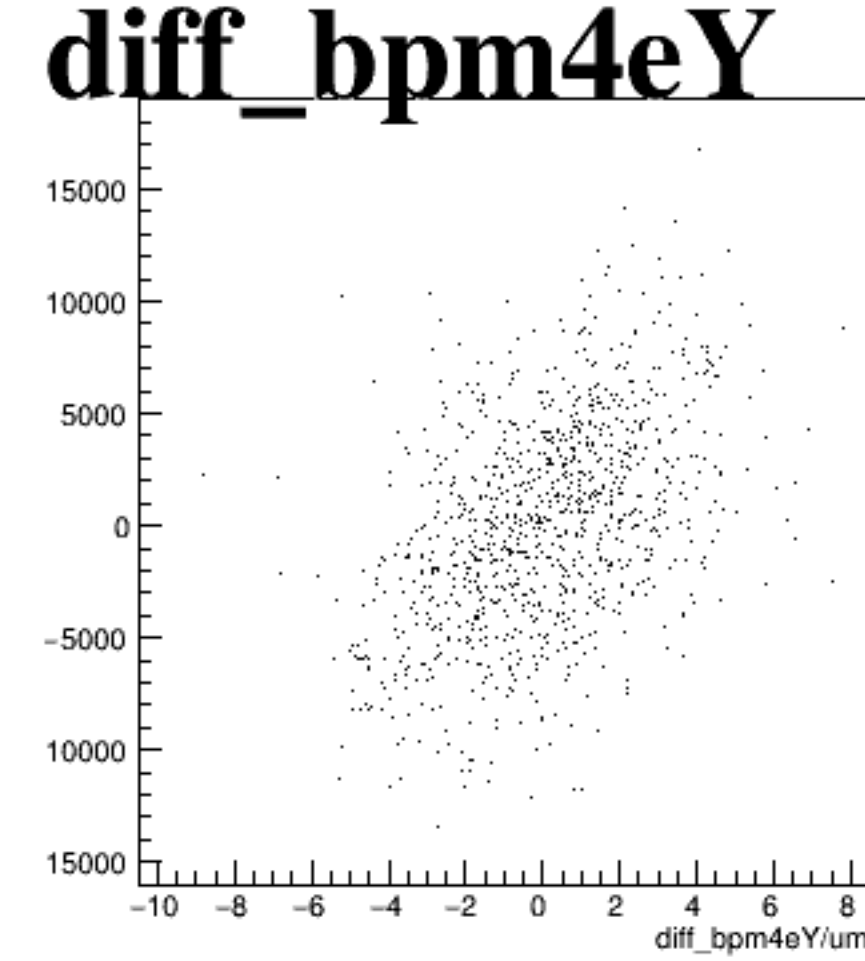
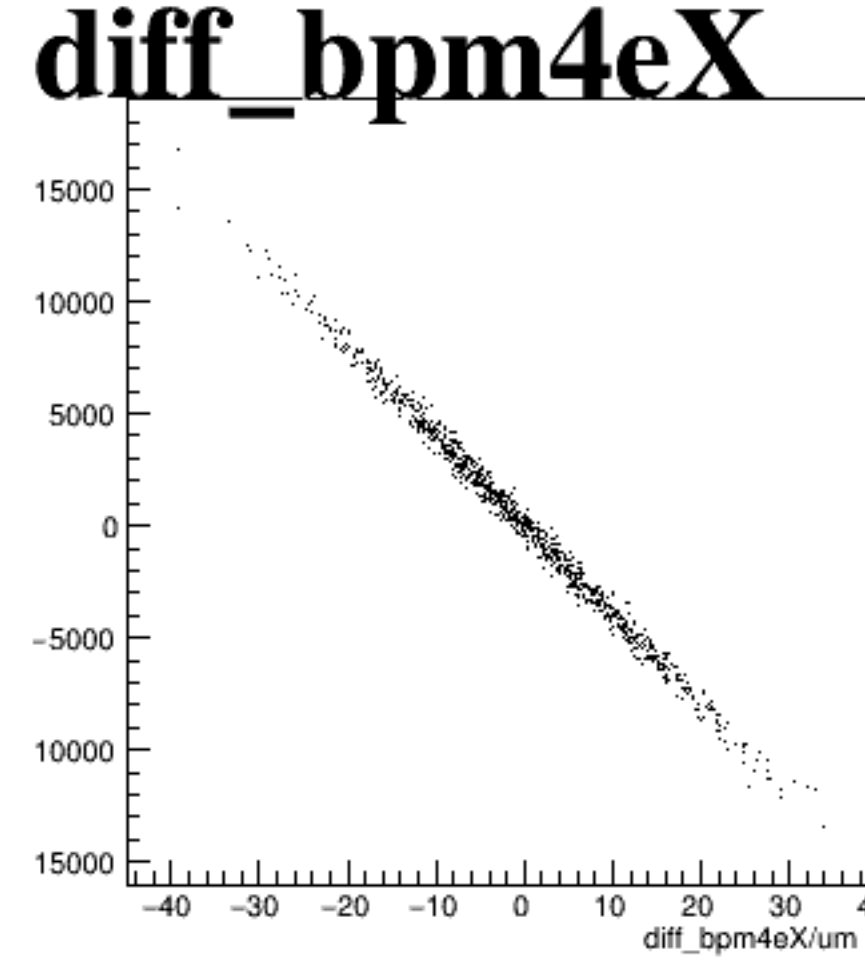
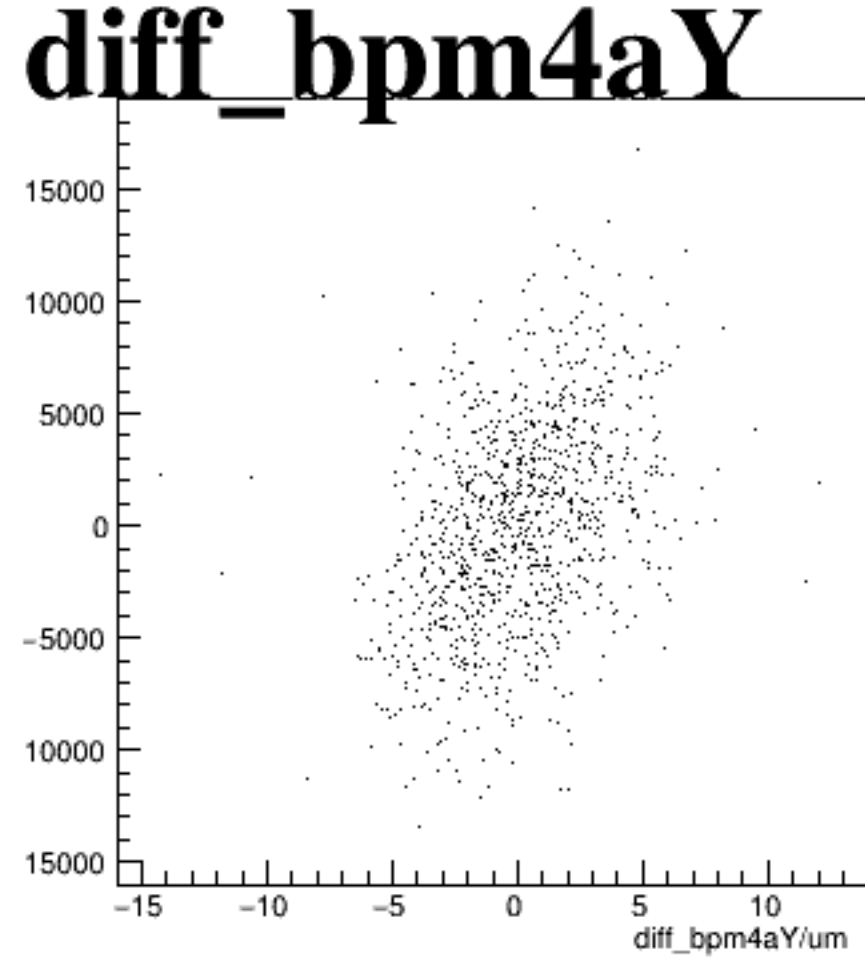
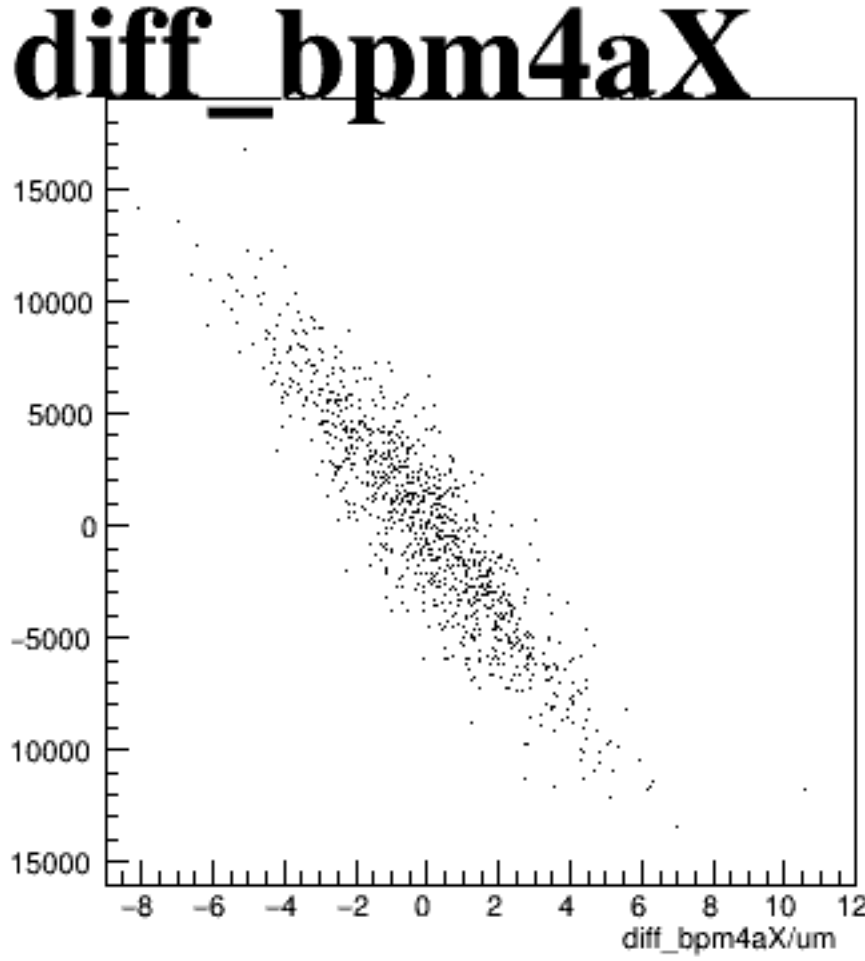
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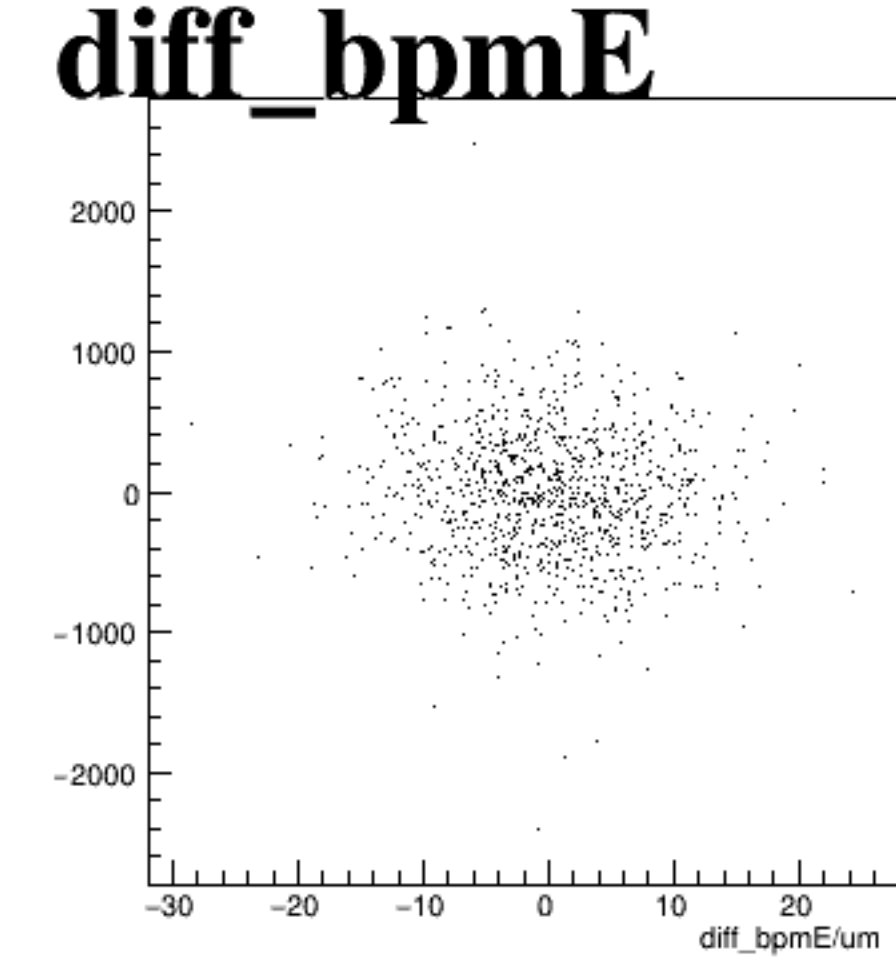
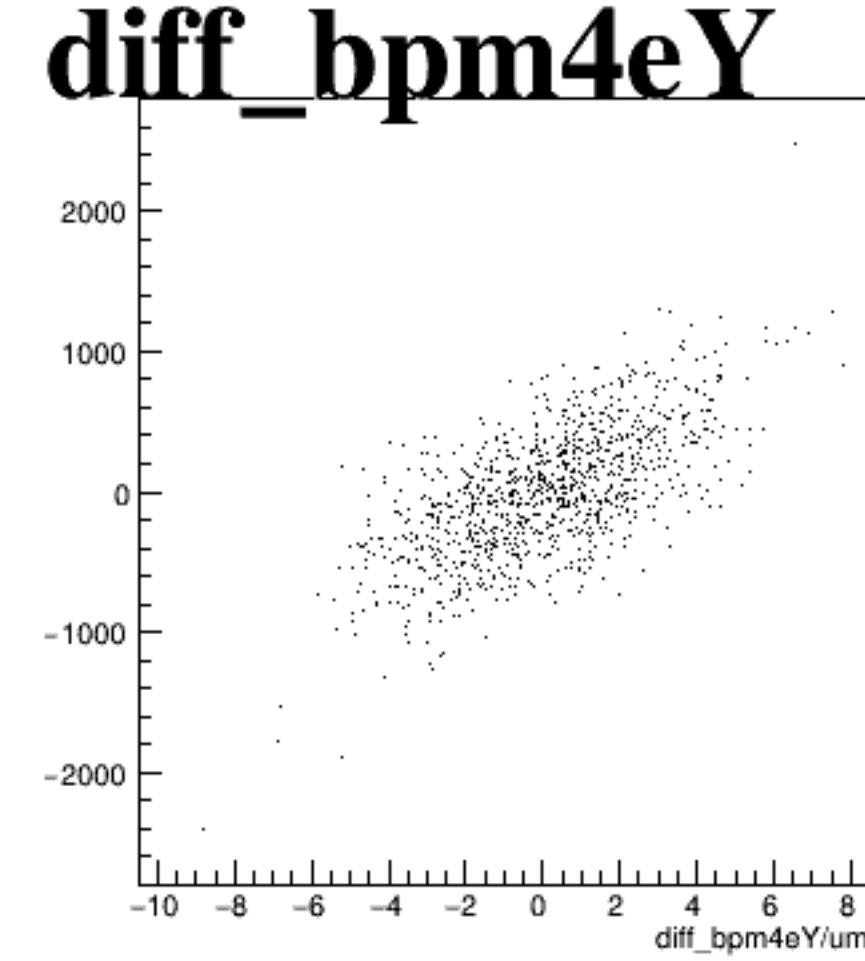
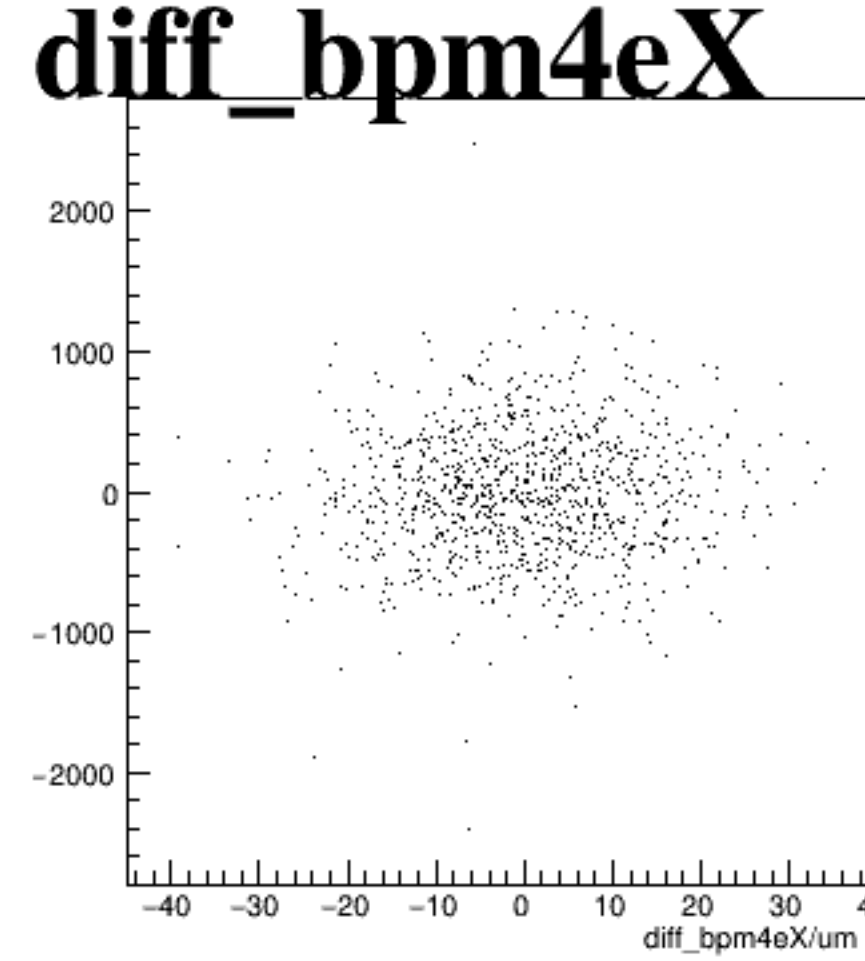
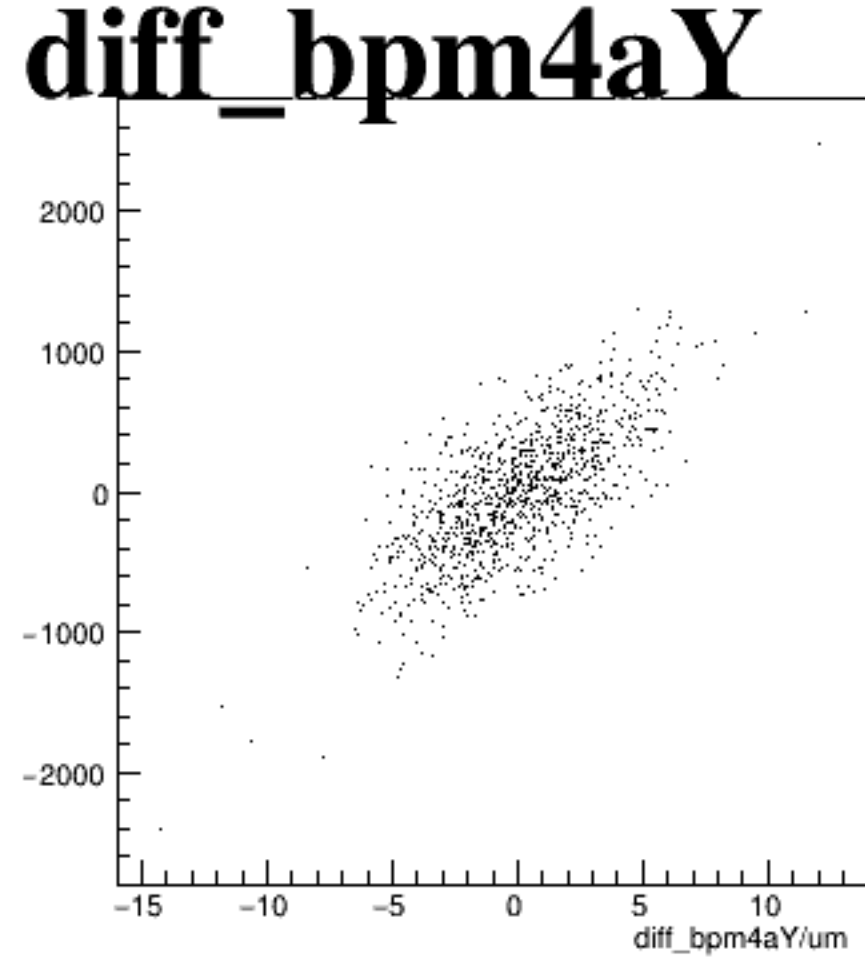
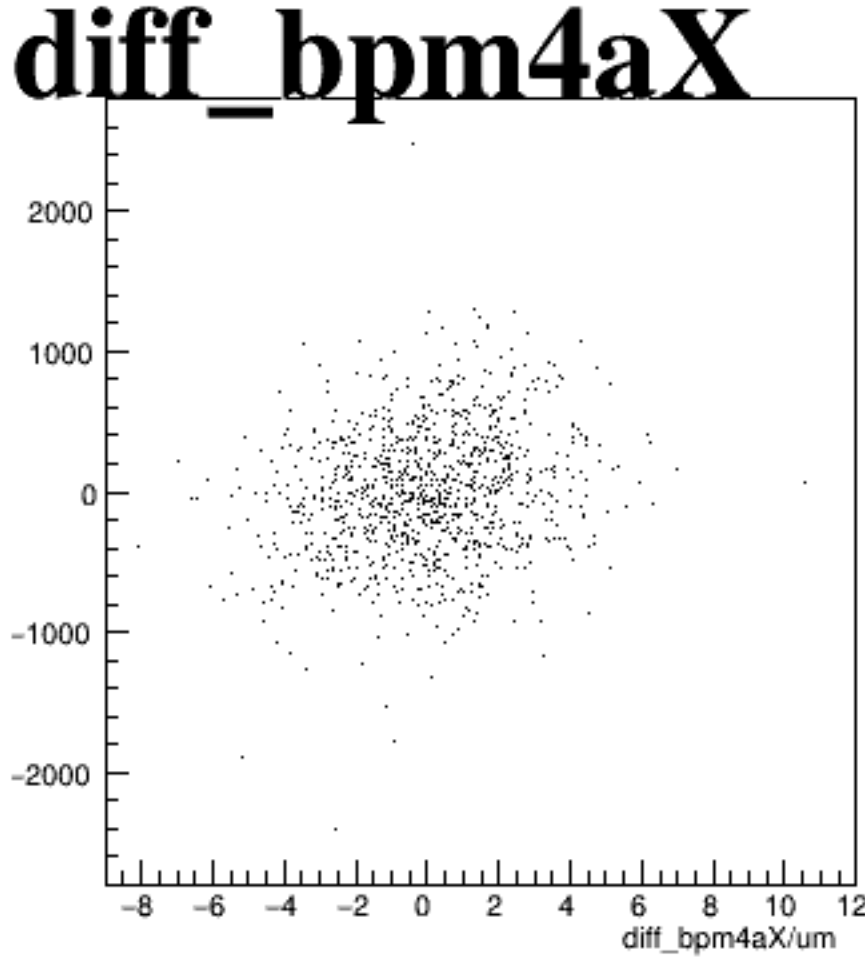
asym_sam1



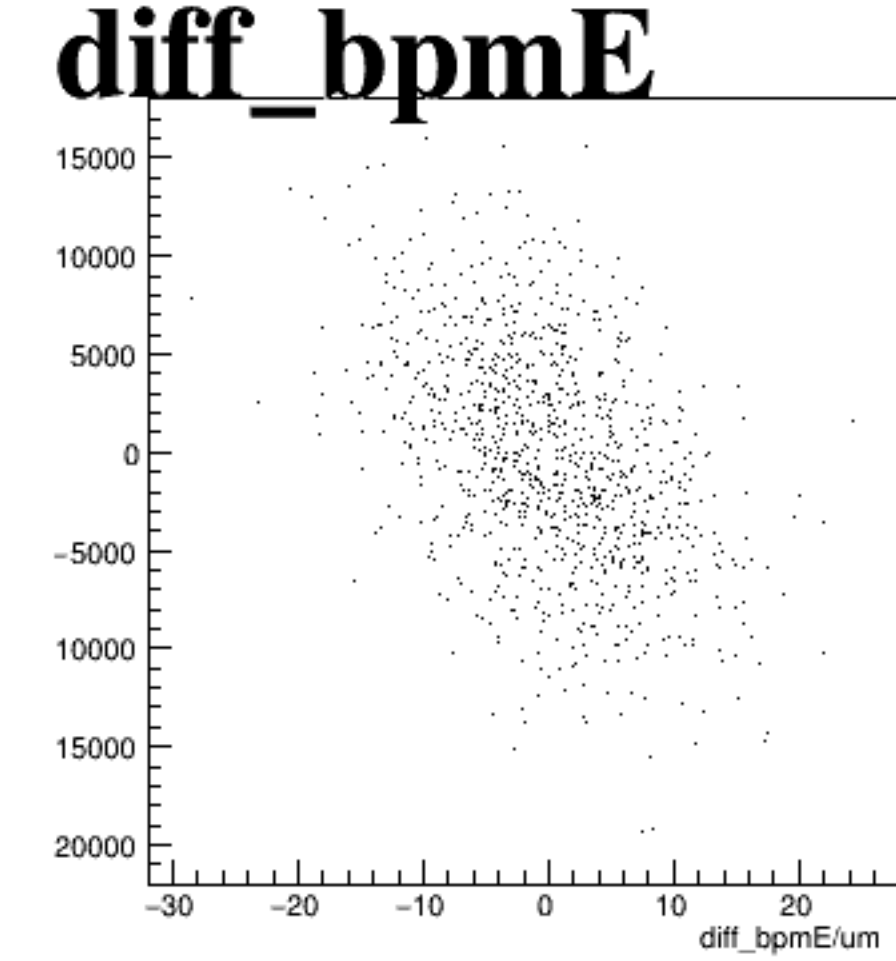
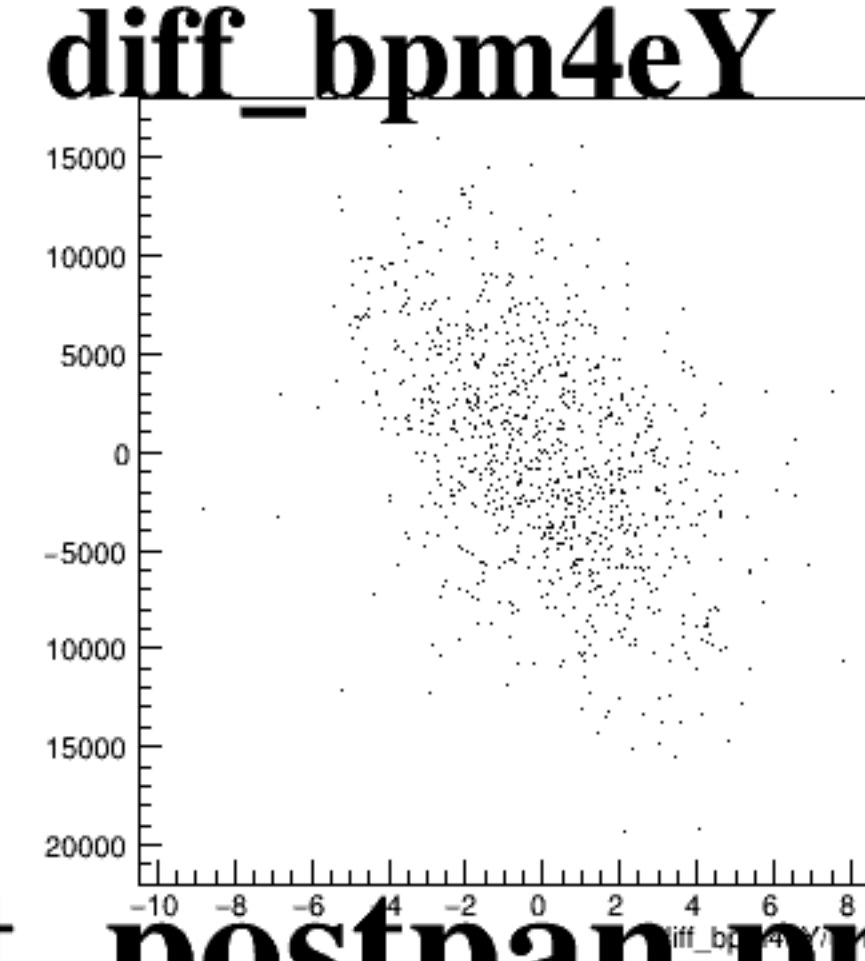
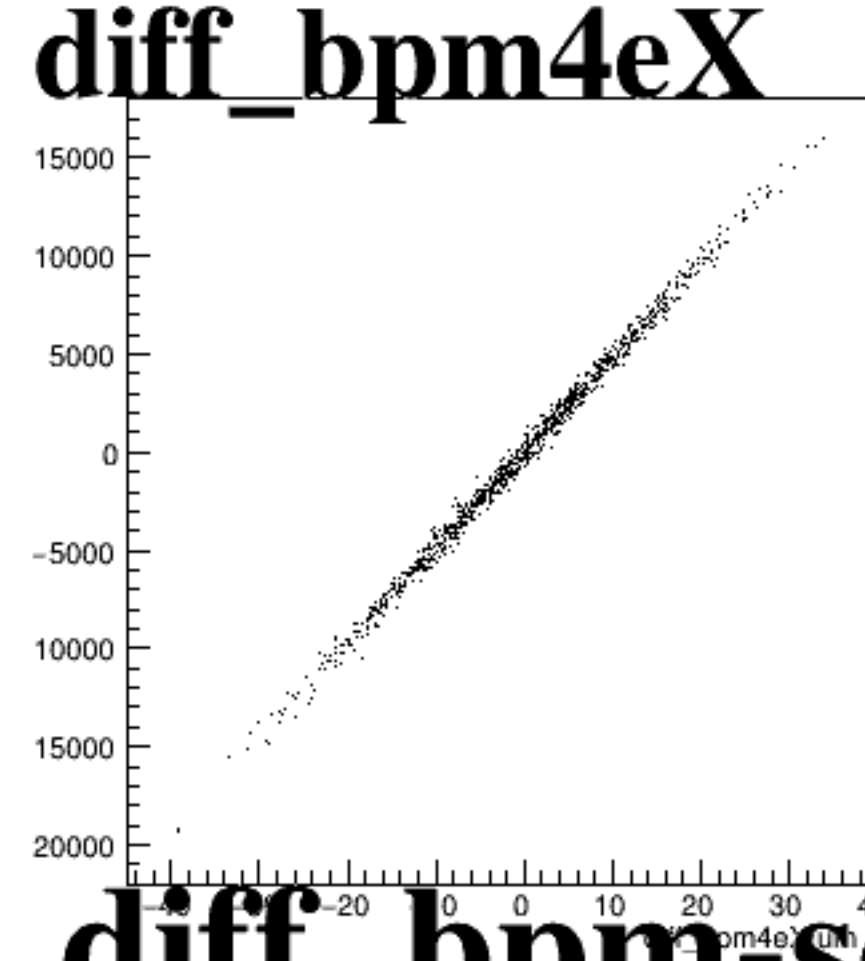
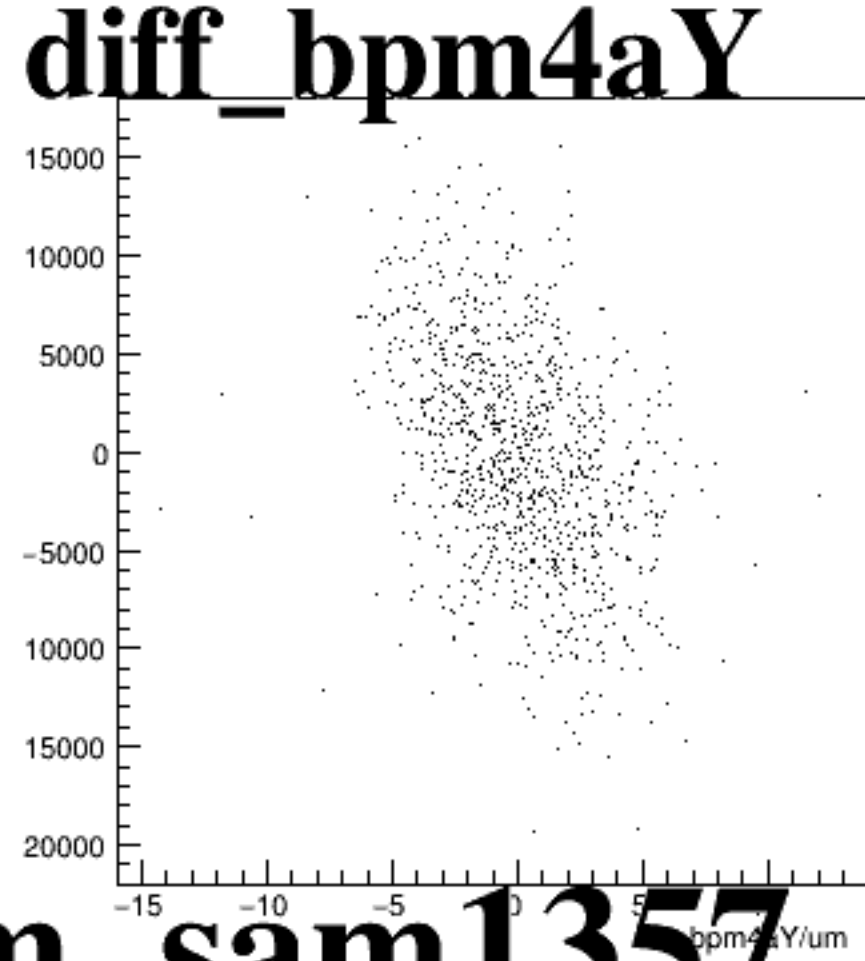
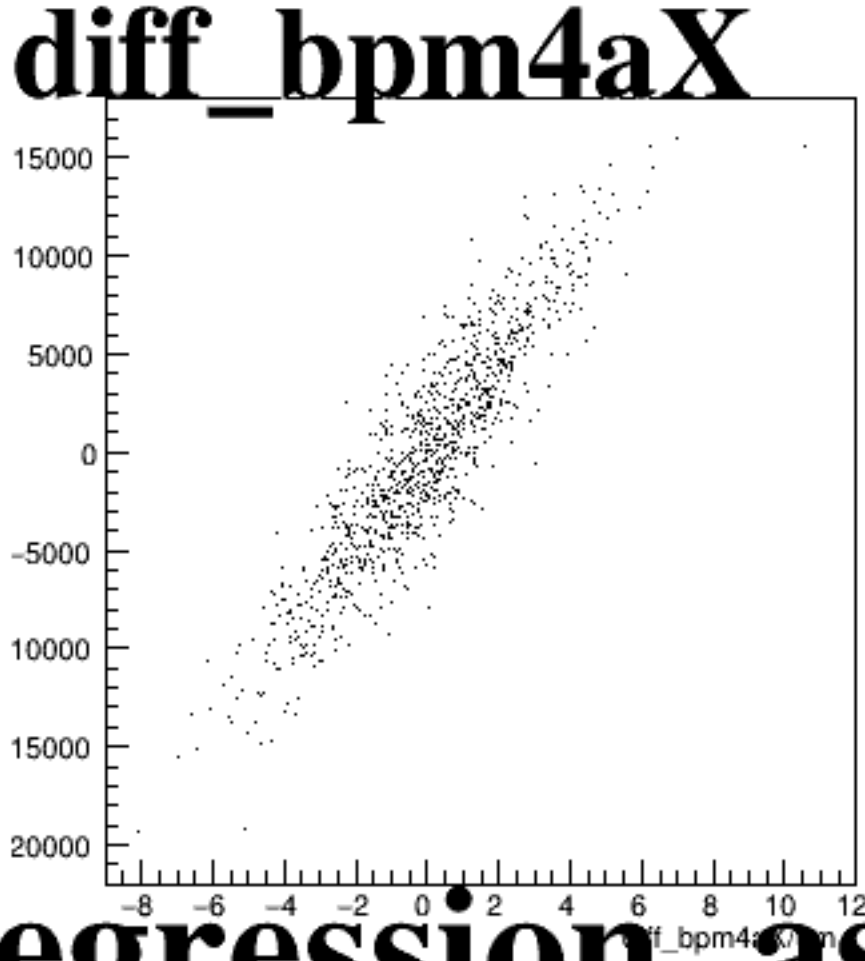
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences in BPM parameters for four different beam parameters. The plots are titled as follows:

- diff_bpm4aX**: The x-axis is labeled `diff_bpm4aX/um` and ranges from -8 to 12. The y-axis ranges from -1500 to 1000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -15 to 10. The y-axis ranges from -1500 to 1000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -40 to 40. The y-axis ranges from -1500 to 1000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -10 to 8. The y-axis ranges from -1500 to 1000.
- diff_bpmE**: The x-axis is labeled `diff_bpmE/um` and ranges from -30 to 20. The y-axis ranges from -1500 to 1000.

In all plots, the data points are densely clustered around the origin (0,0), indicating that the differences are generally small and randomly distributed. The x-axis ranges vary significantly between the plots, reflecting the different scales of the parameters being compared.

The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different variable. All plots have a y-axis ranging from -1000 to 1000 with major ticks every 500 units. The x-axes are labeled as follows:

- diff_bpm4aX**: x-axis ranges from -8 to 12 with major ticks every 2 units.
- diff_bpm4aY**: x-axis ranges from -15 to 10 with major ticks every 5 units.
- diff_bpm4eX**: x-axis ranges from -40 to 40 with major ticks every 10 units.
- diff_bpm4eY**: x-axis ranges from -10 to 8 with major ticks every 2 units.
- diff_bpmE**: x-axis ranges from -30 to 20 with major ticks every 10 units.

In all plots, the data points are densely clustered around the origin (0,0), forming a roughly circular or elliptical shape. The density of points is highest in the center and decreases towards the edges of the distribution.