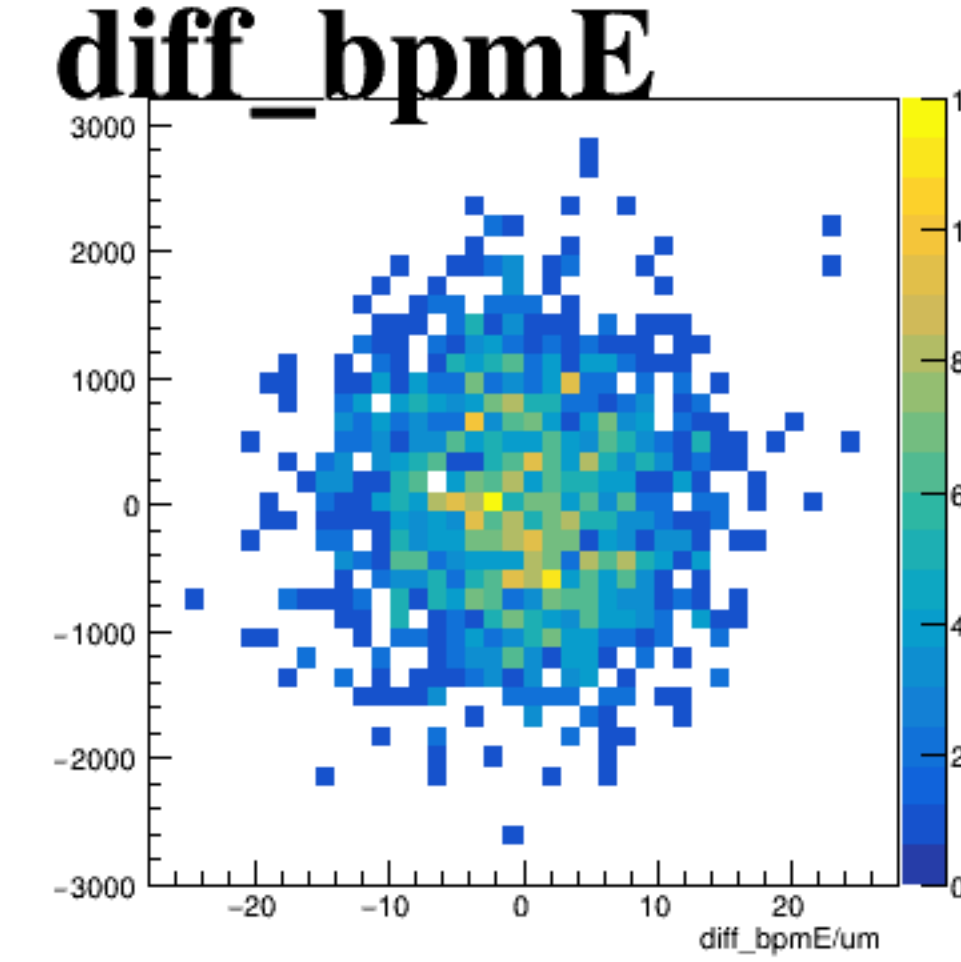
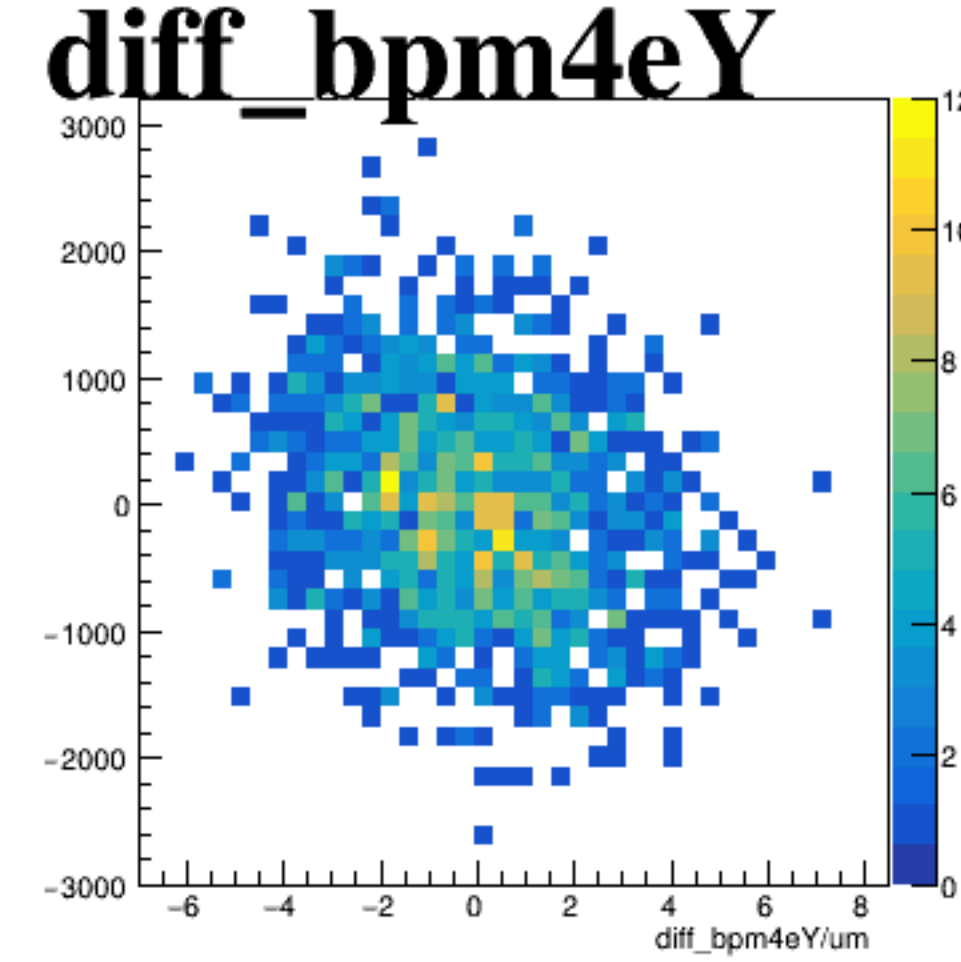
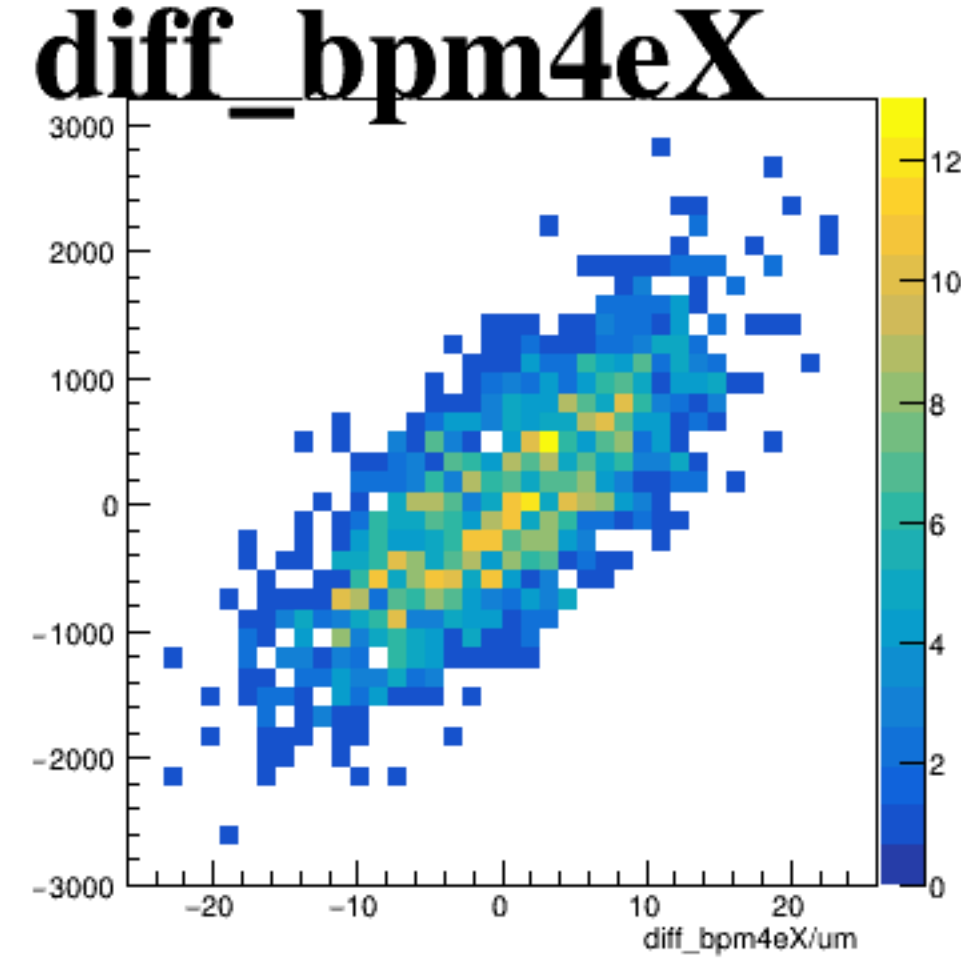
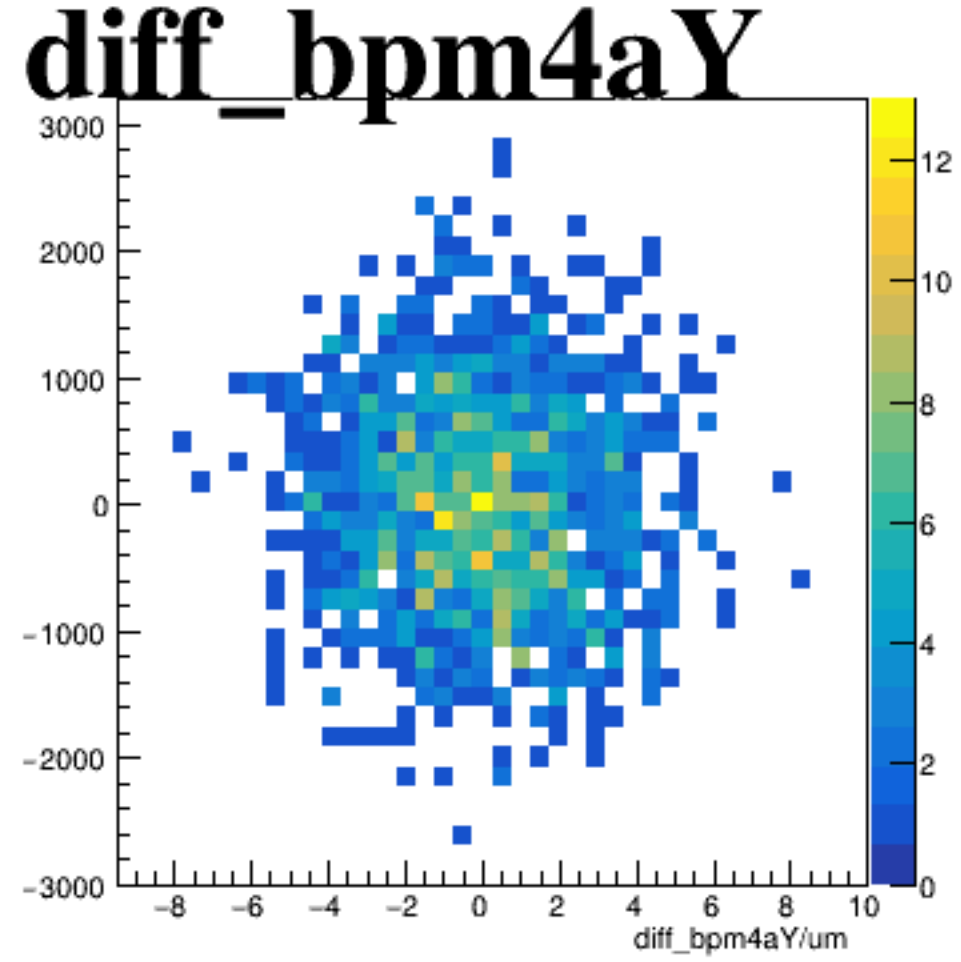
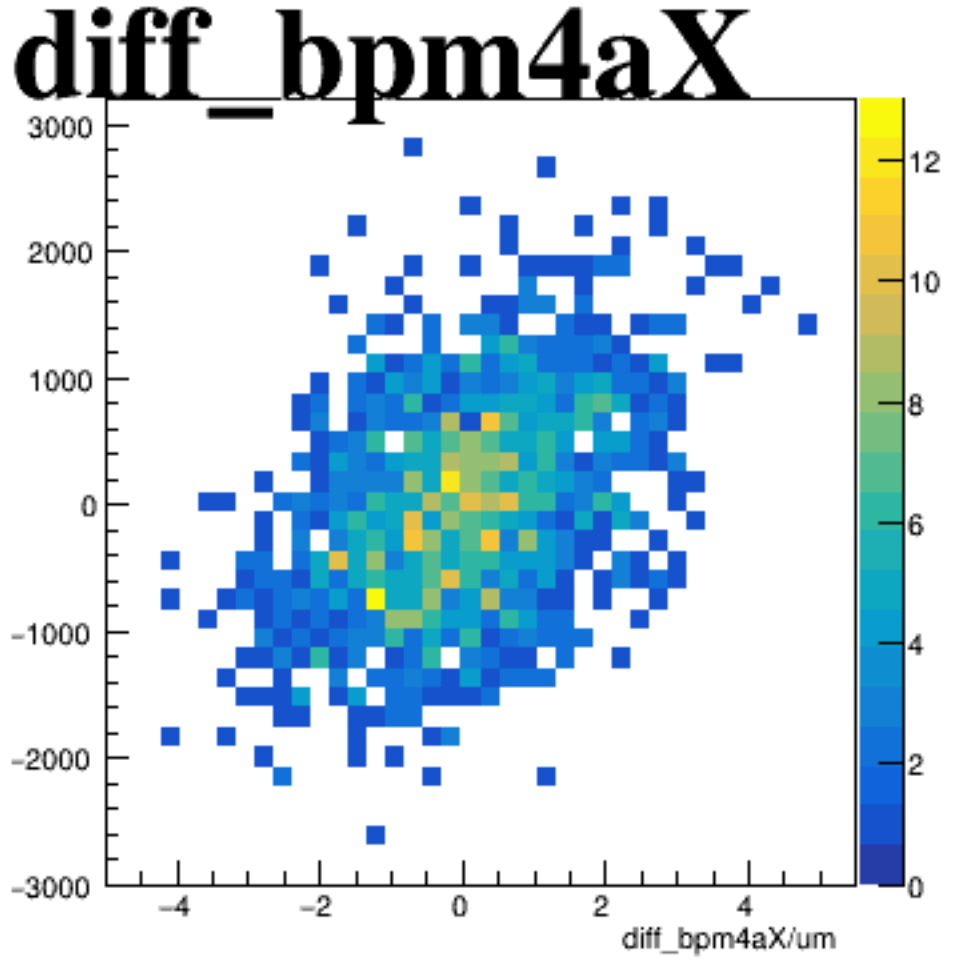
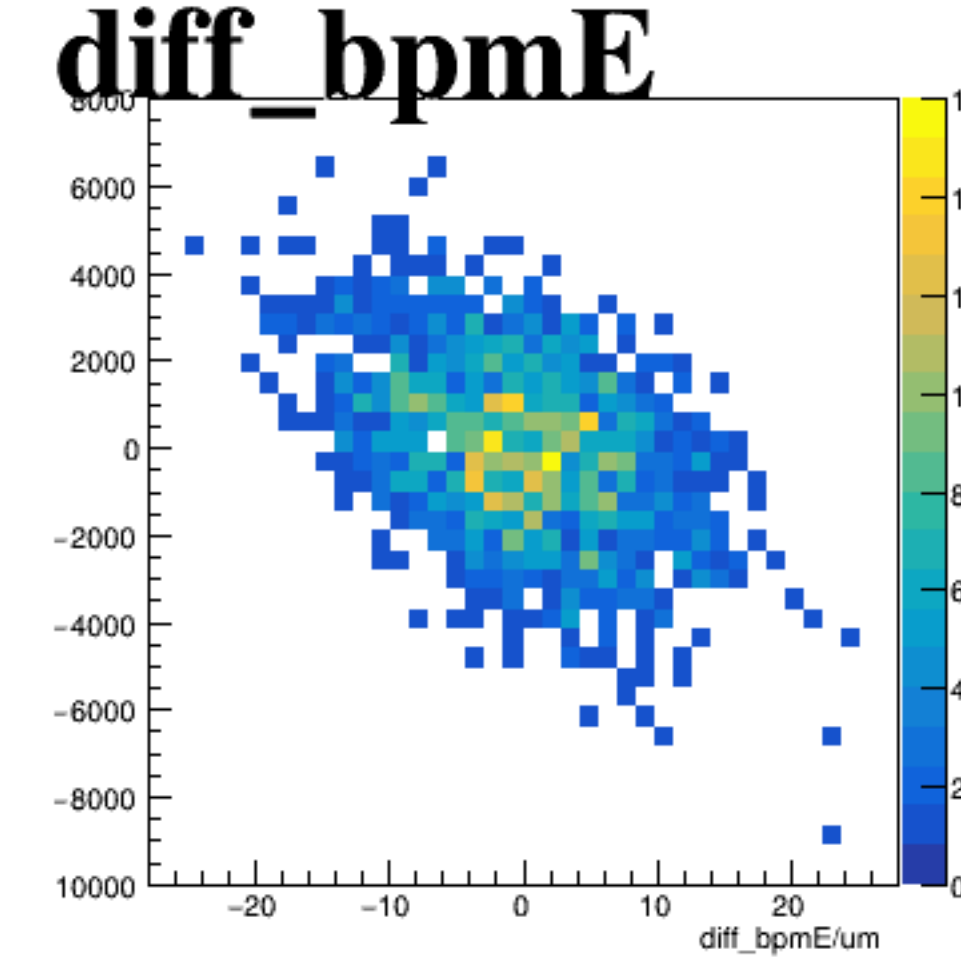
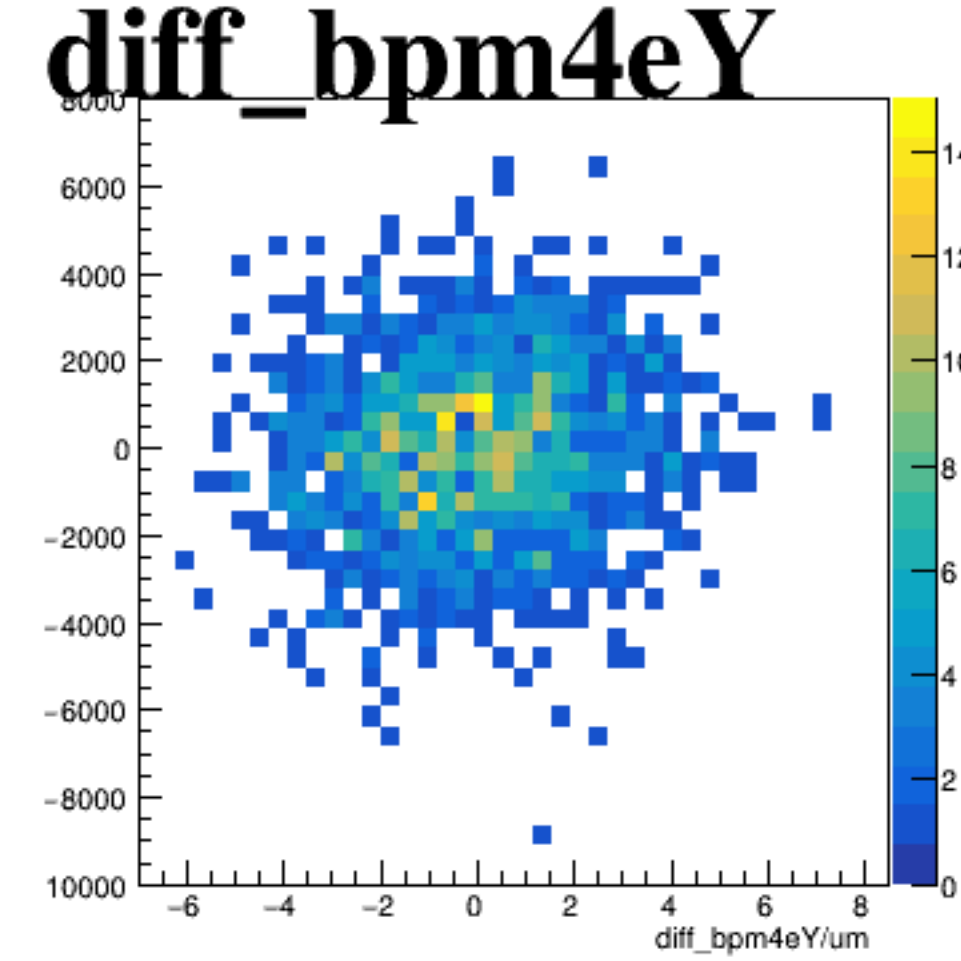
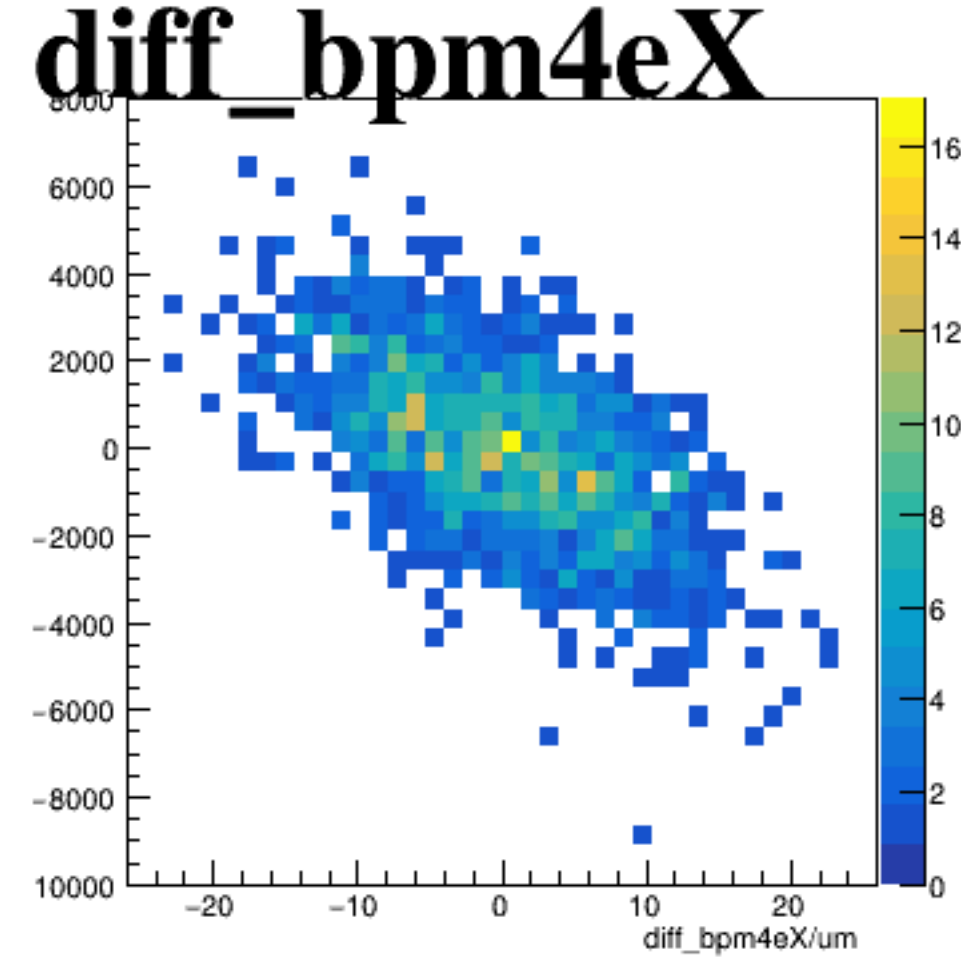
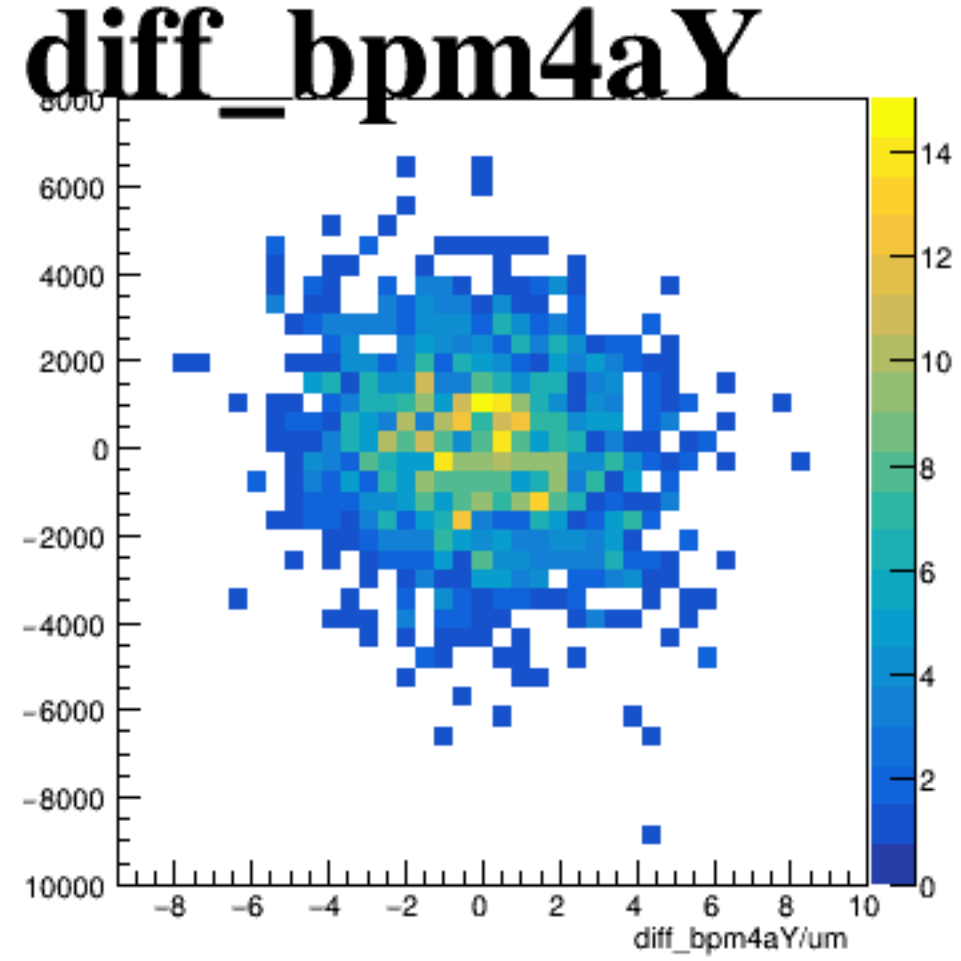
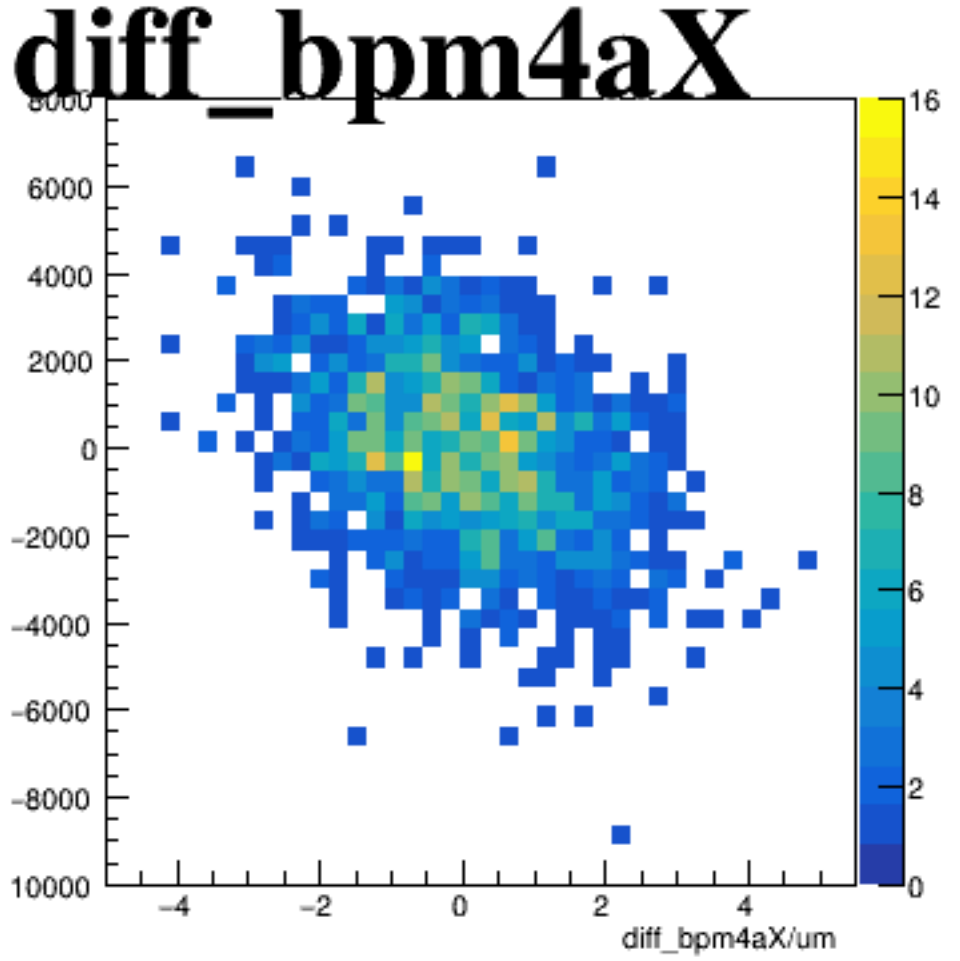


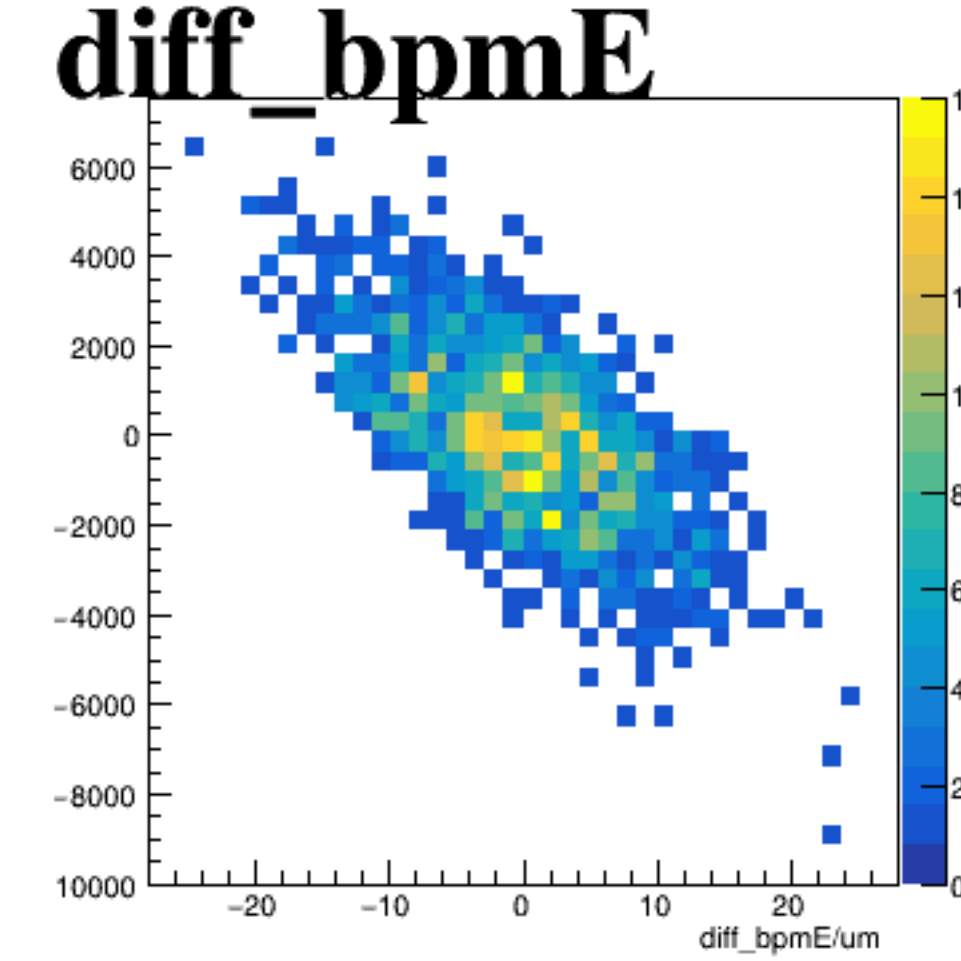
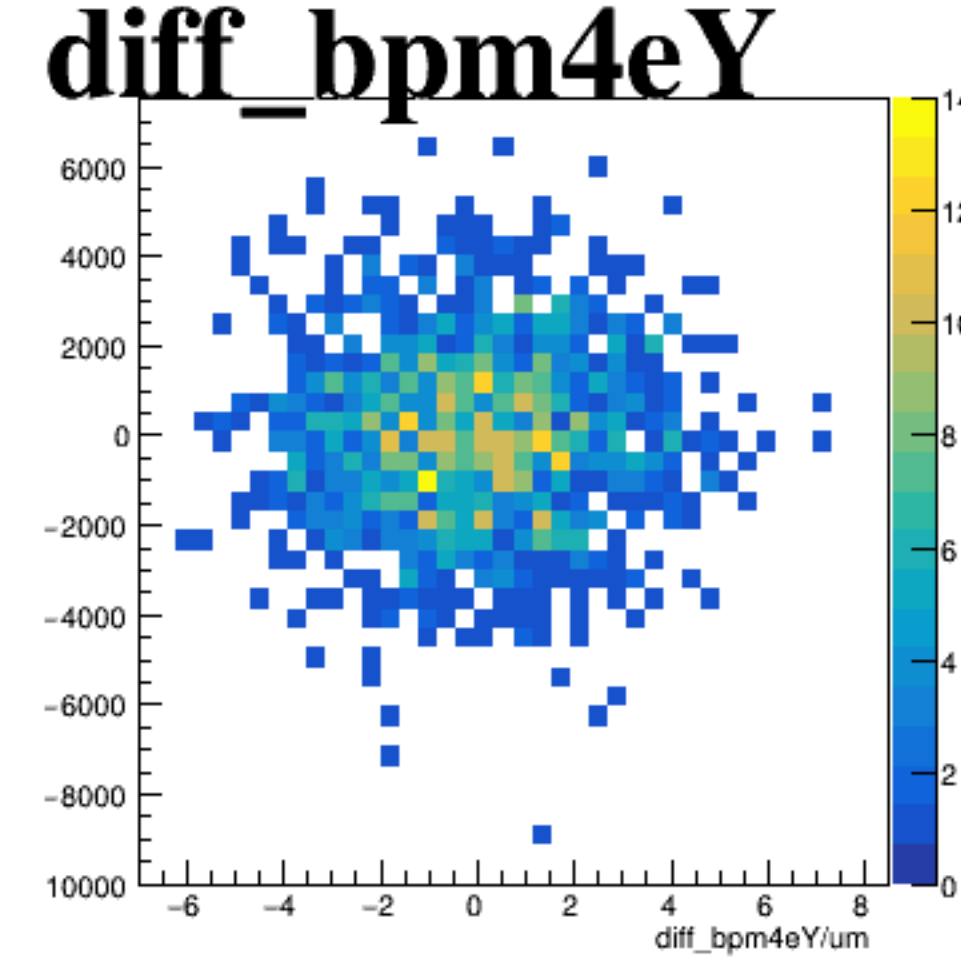
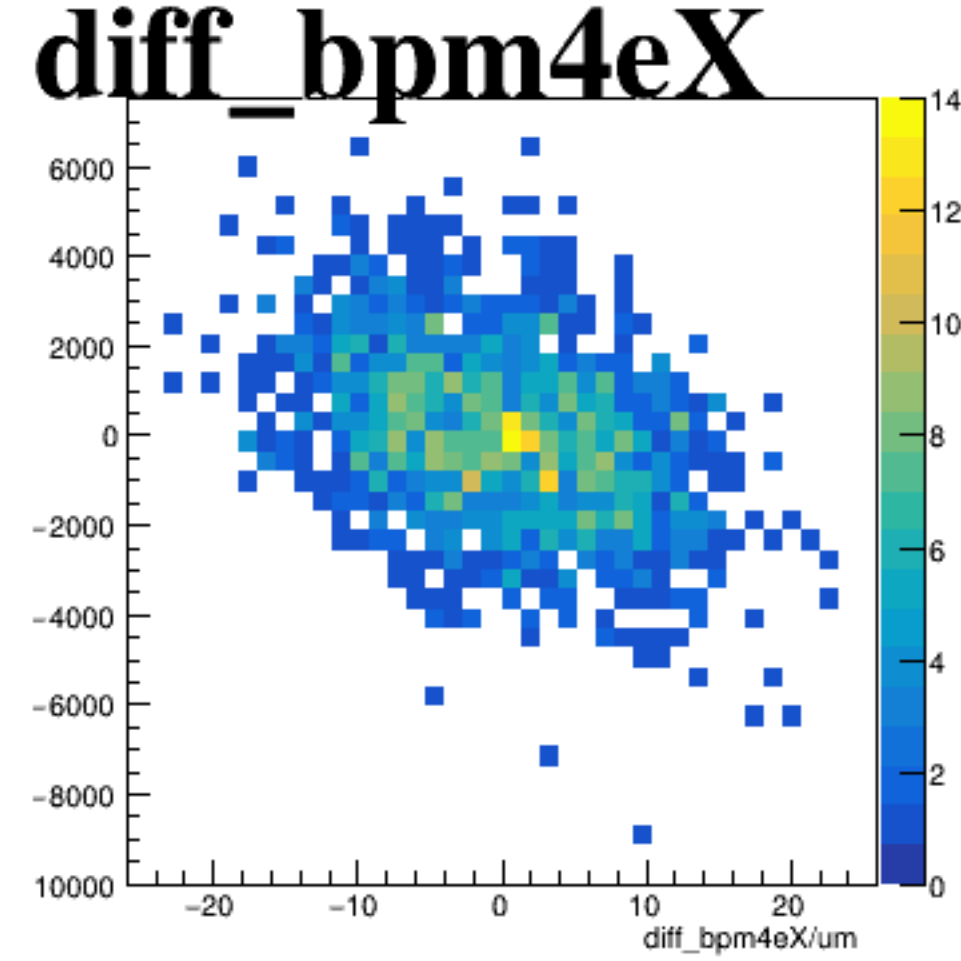
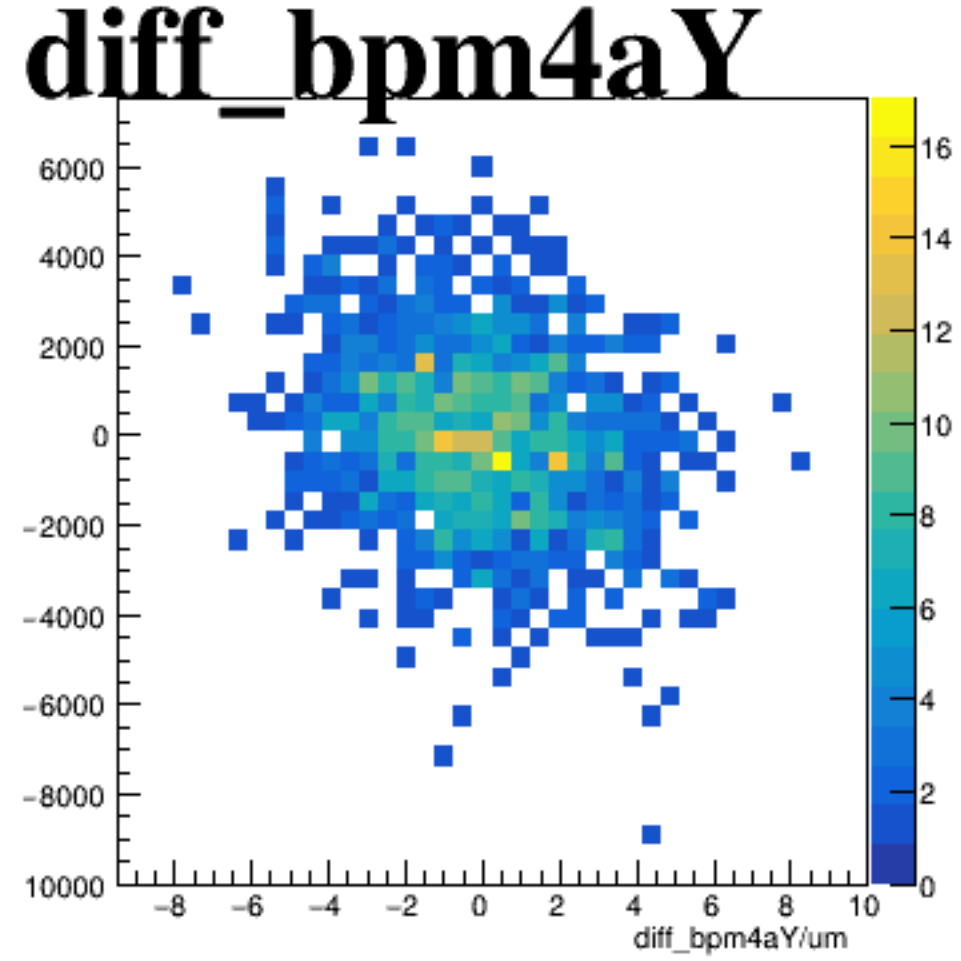
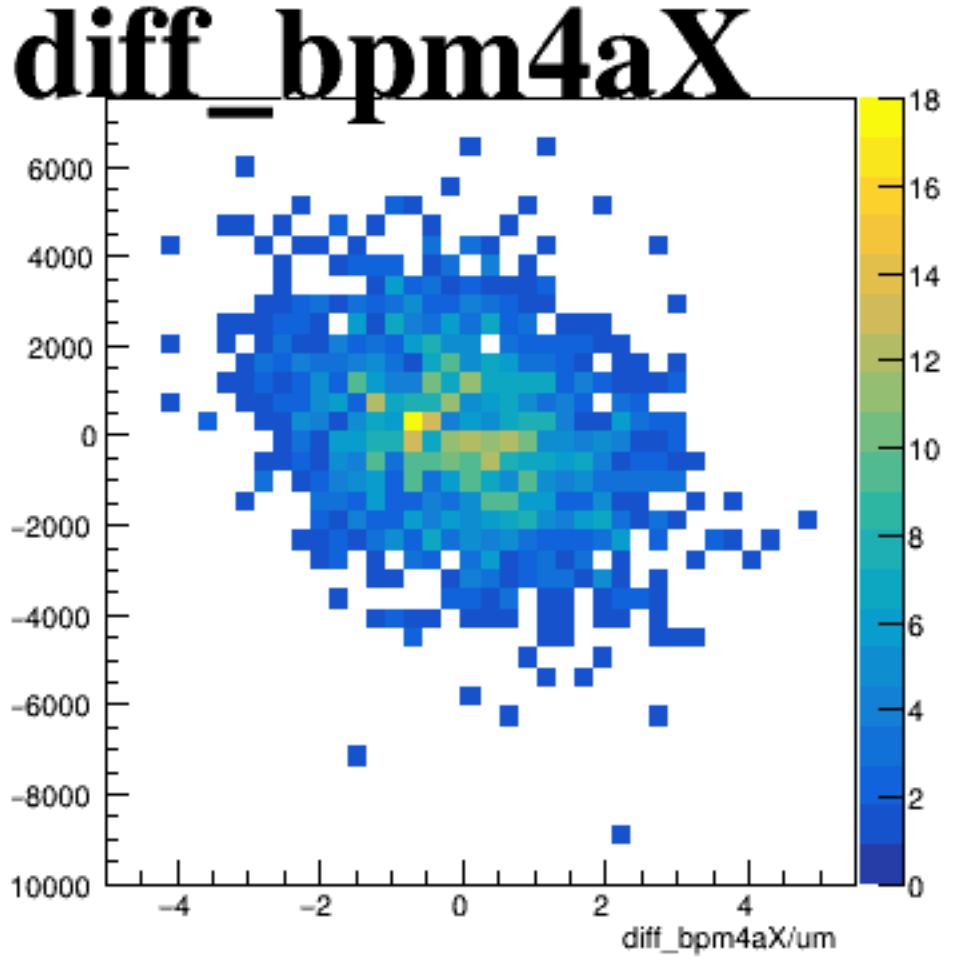
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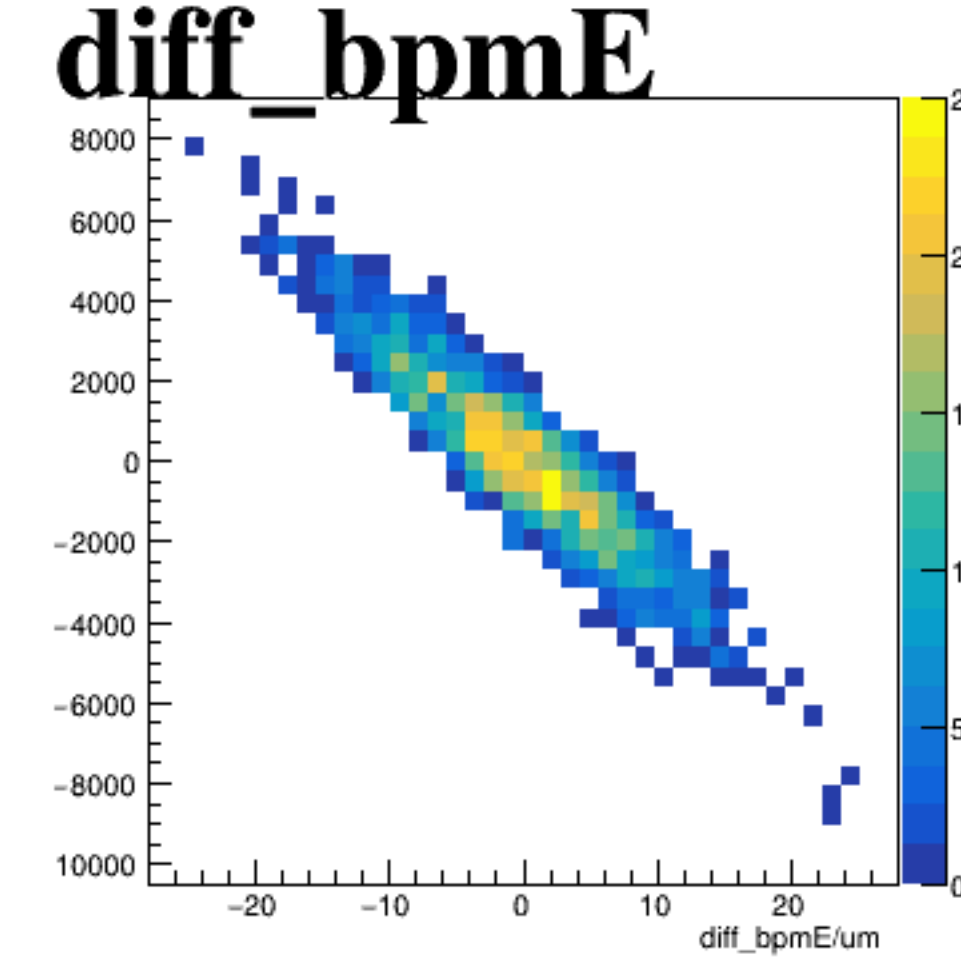
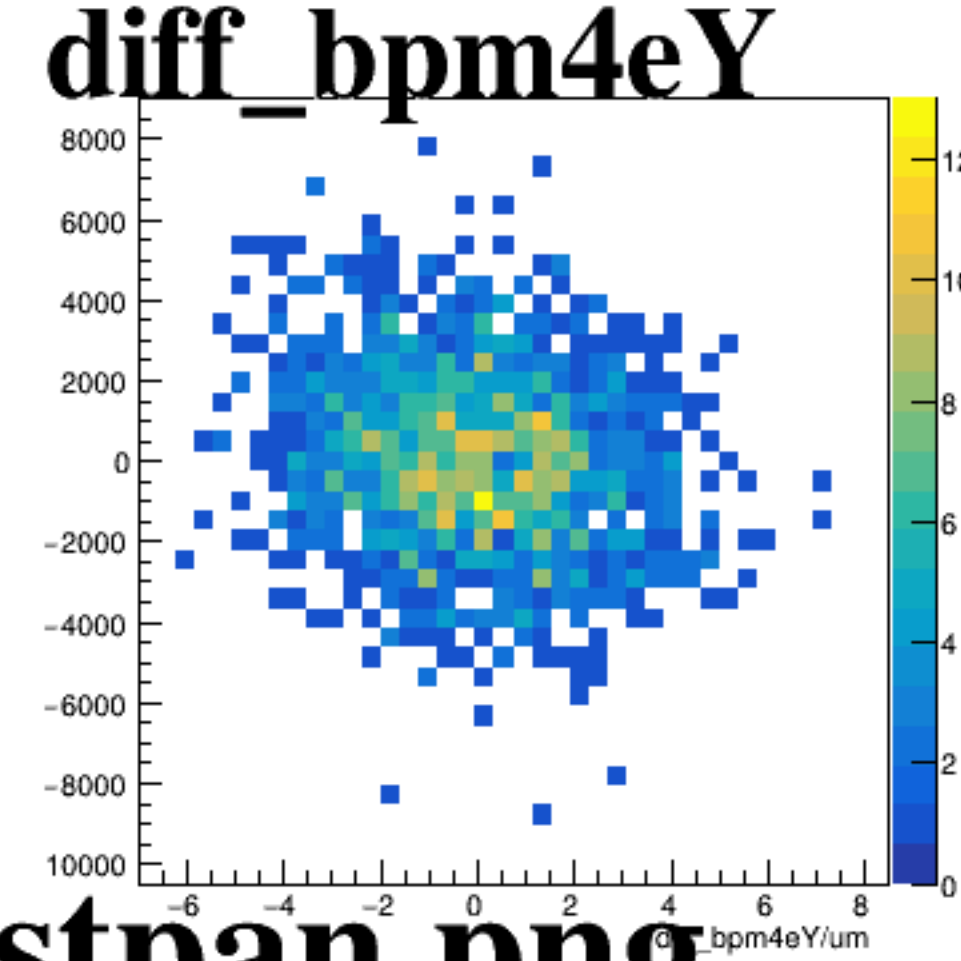
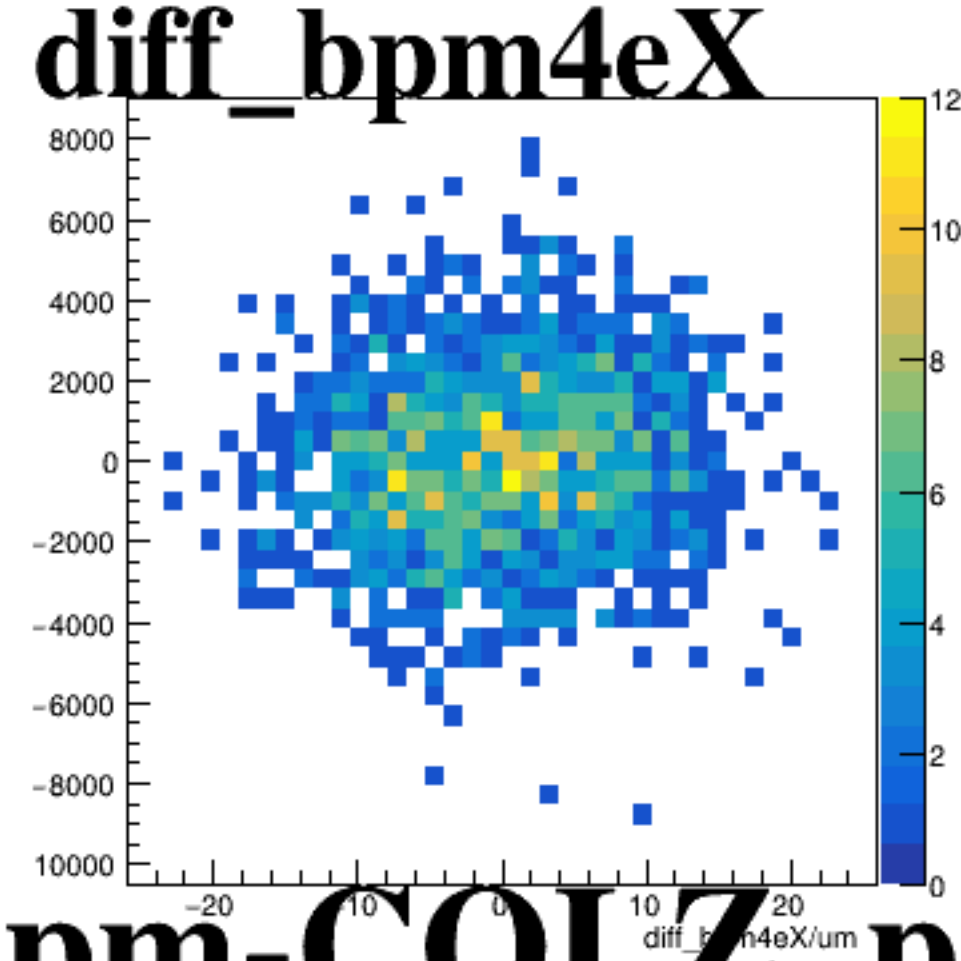
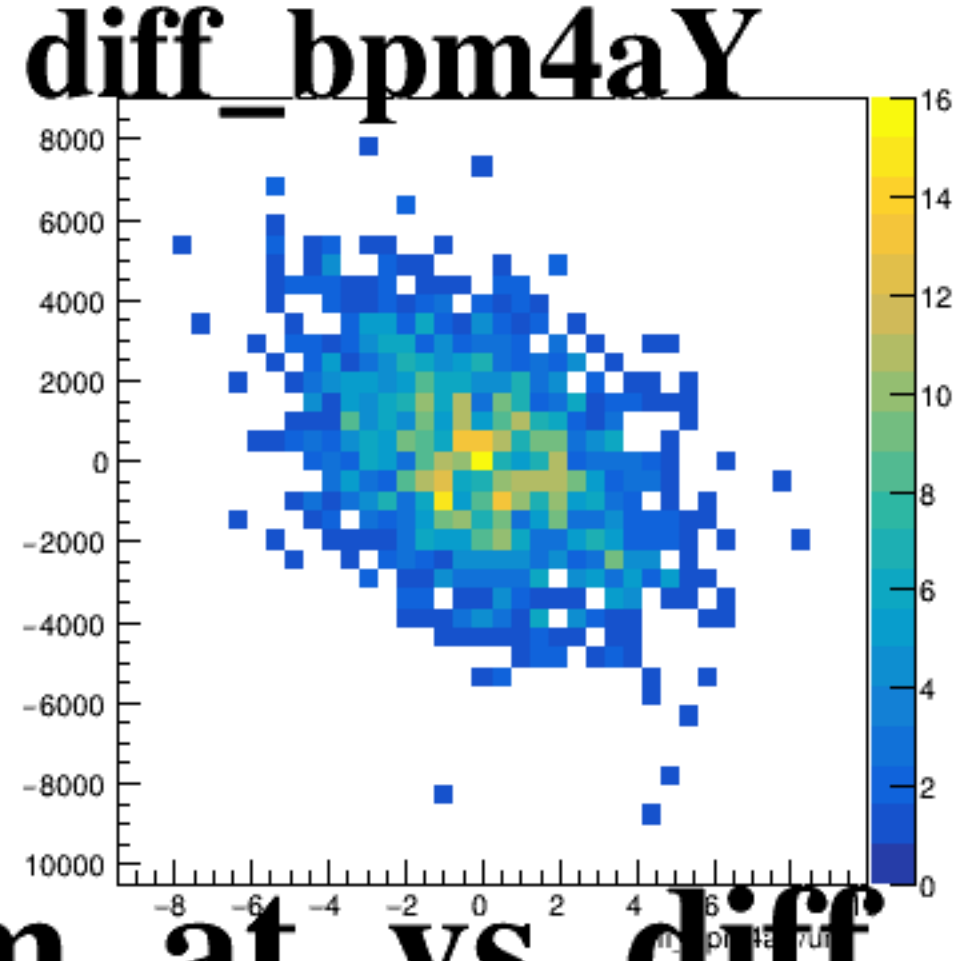
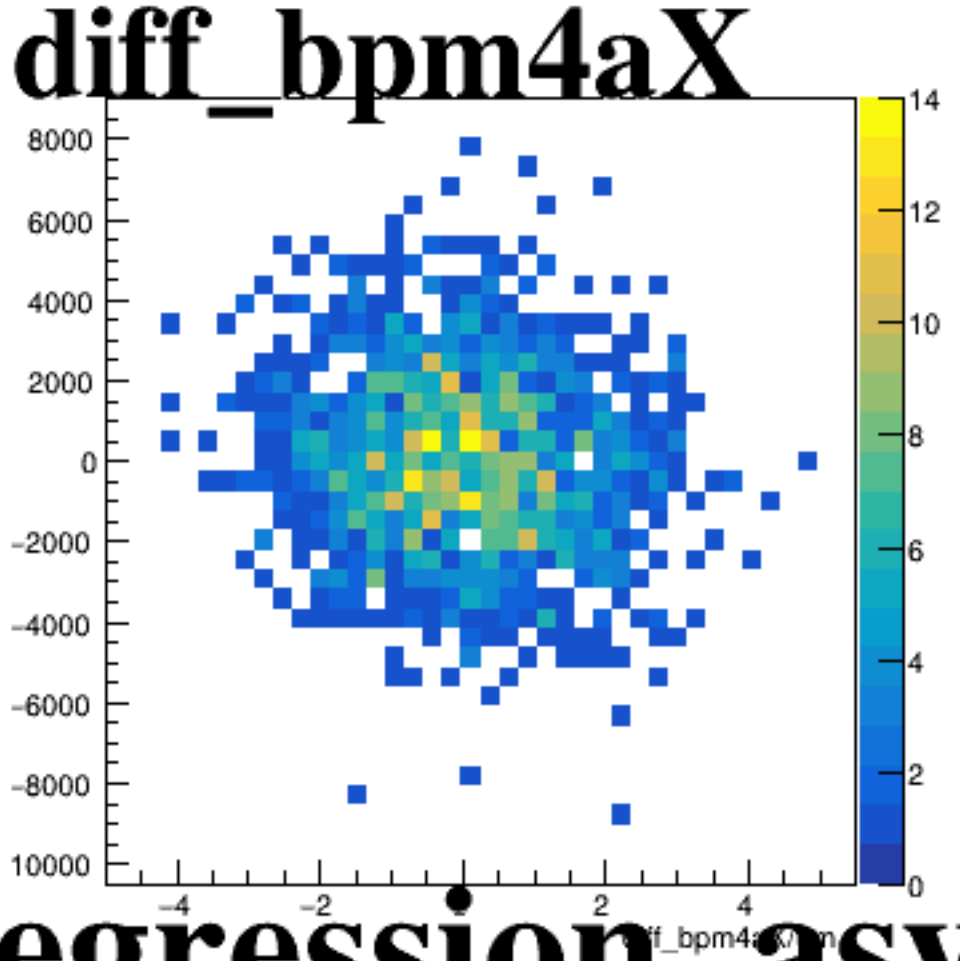
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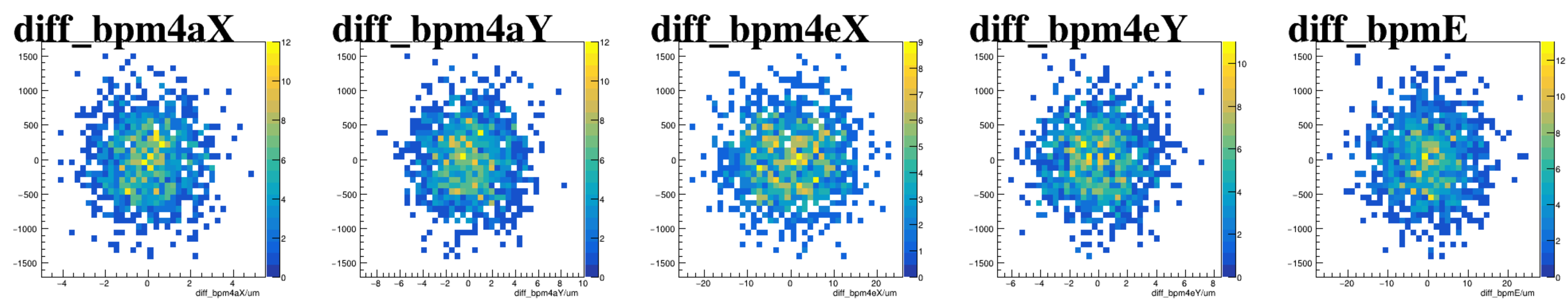
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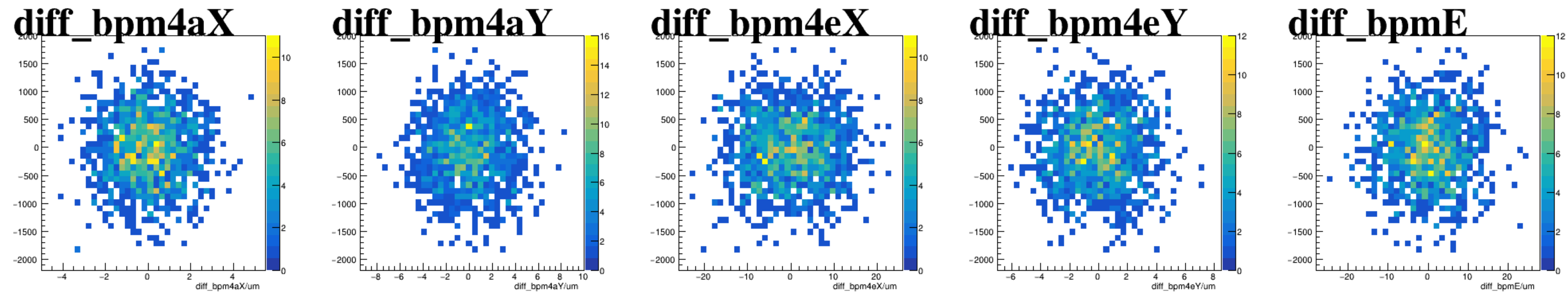
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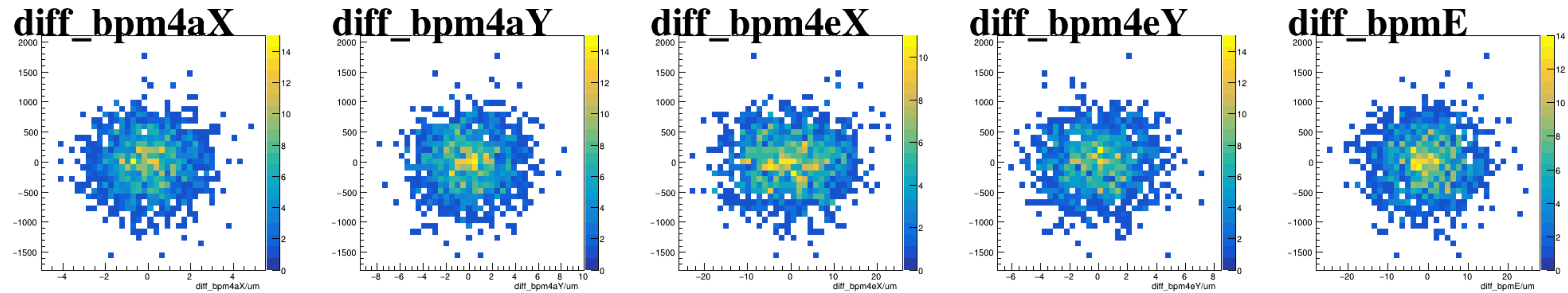
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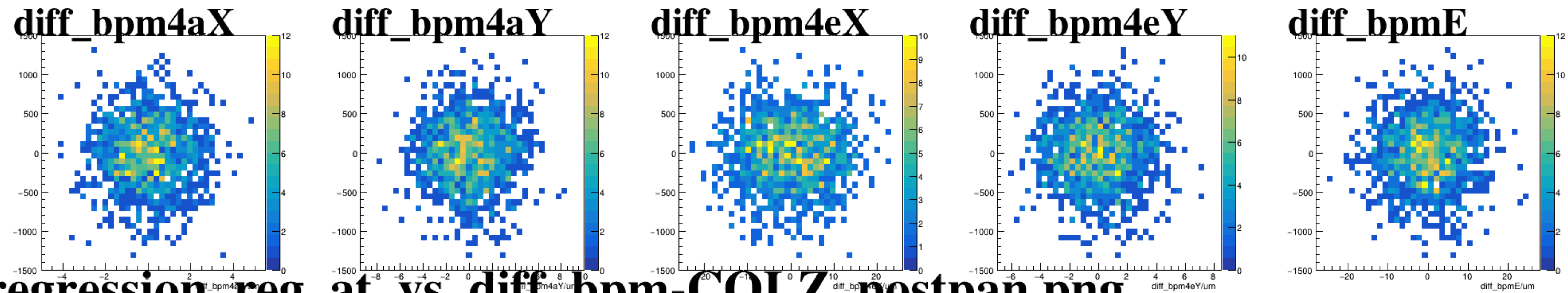
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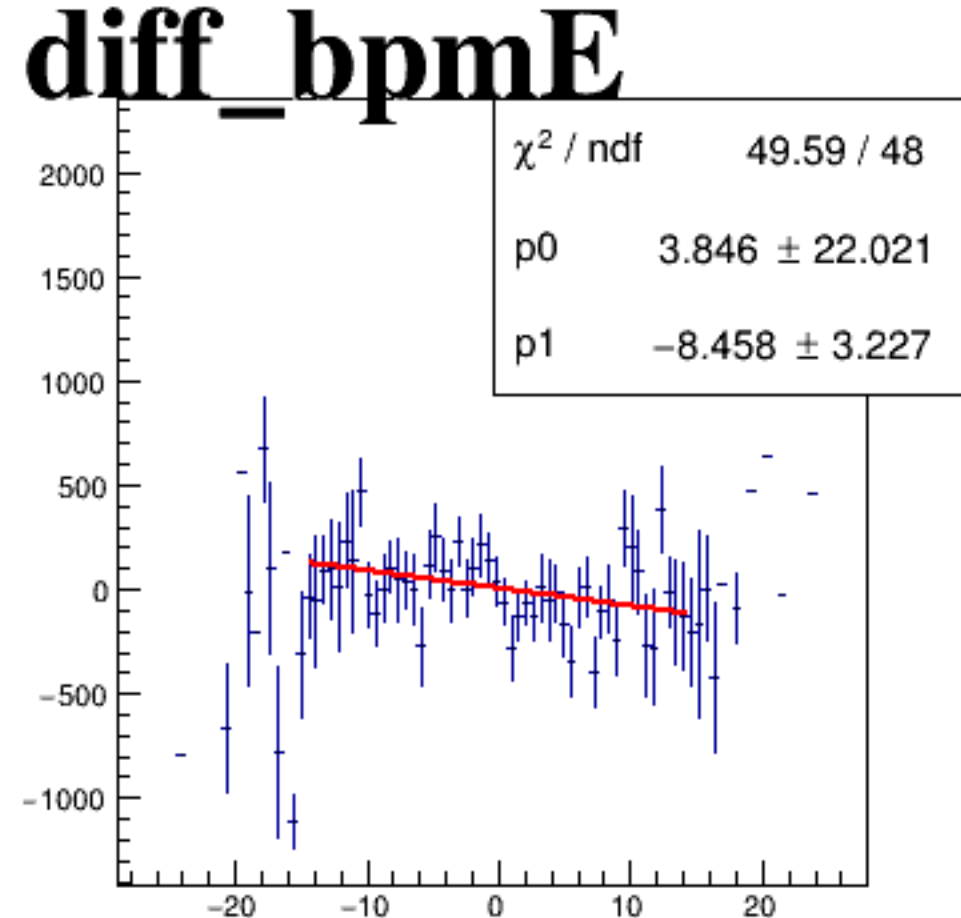
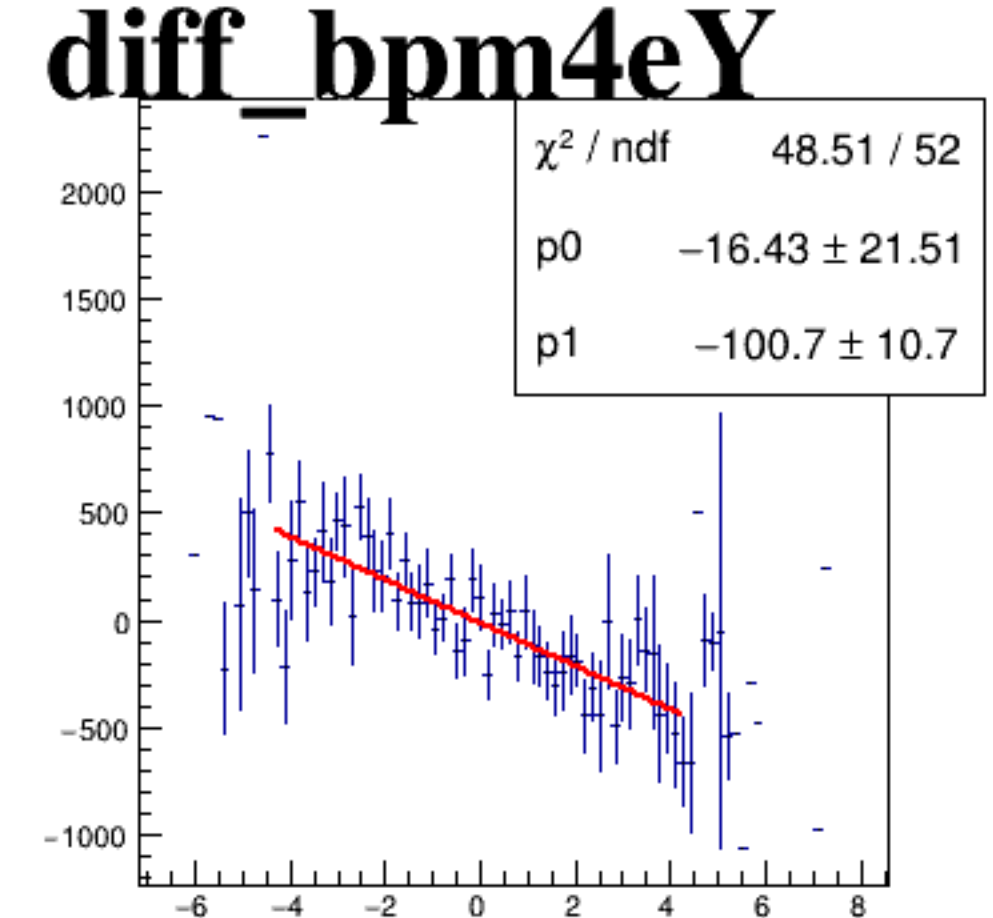
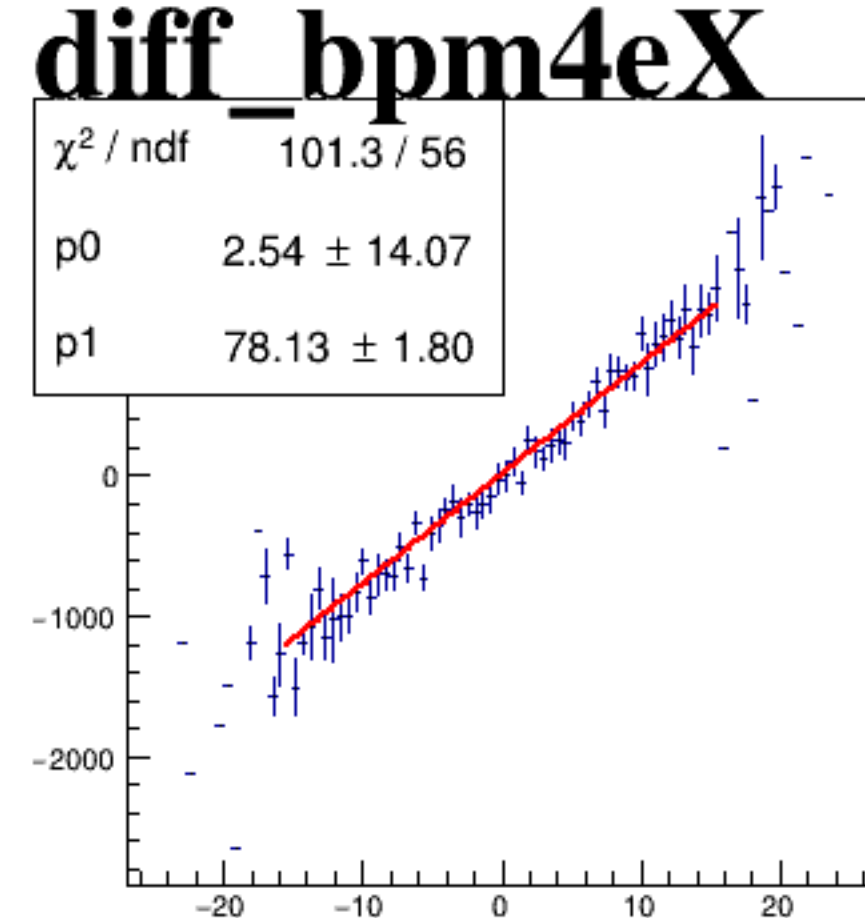
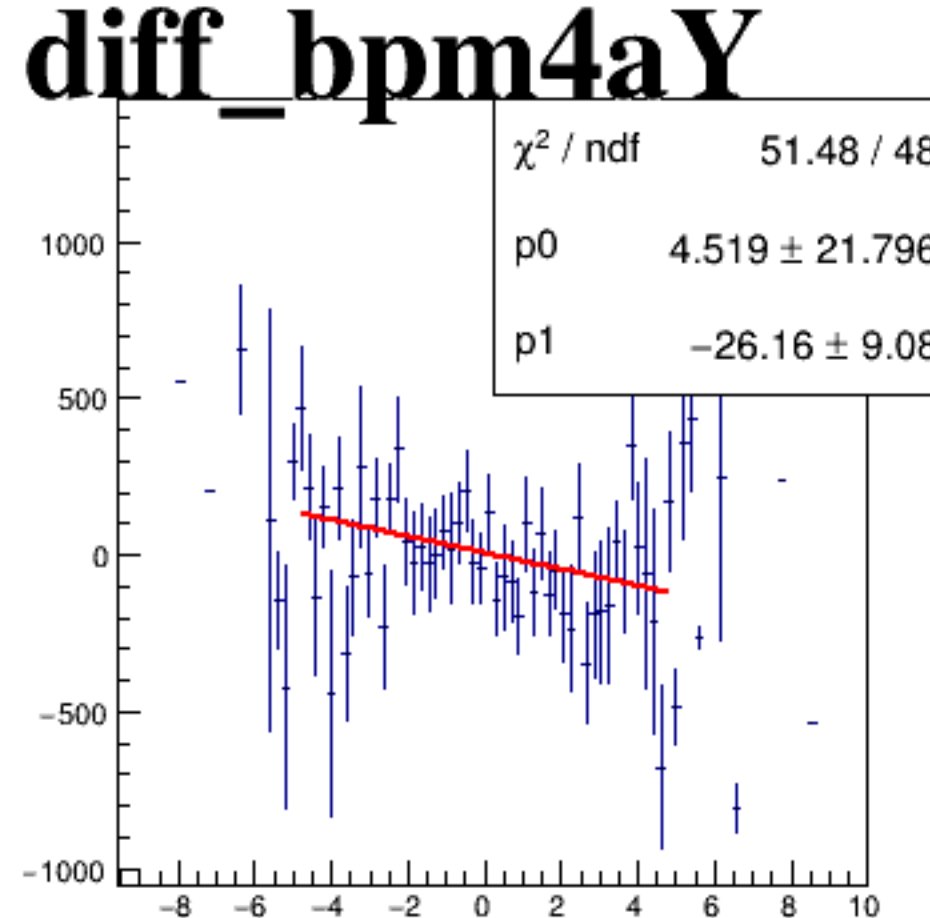
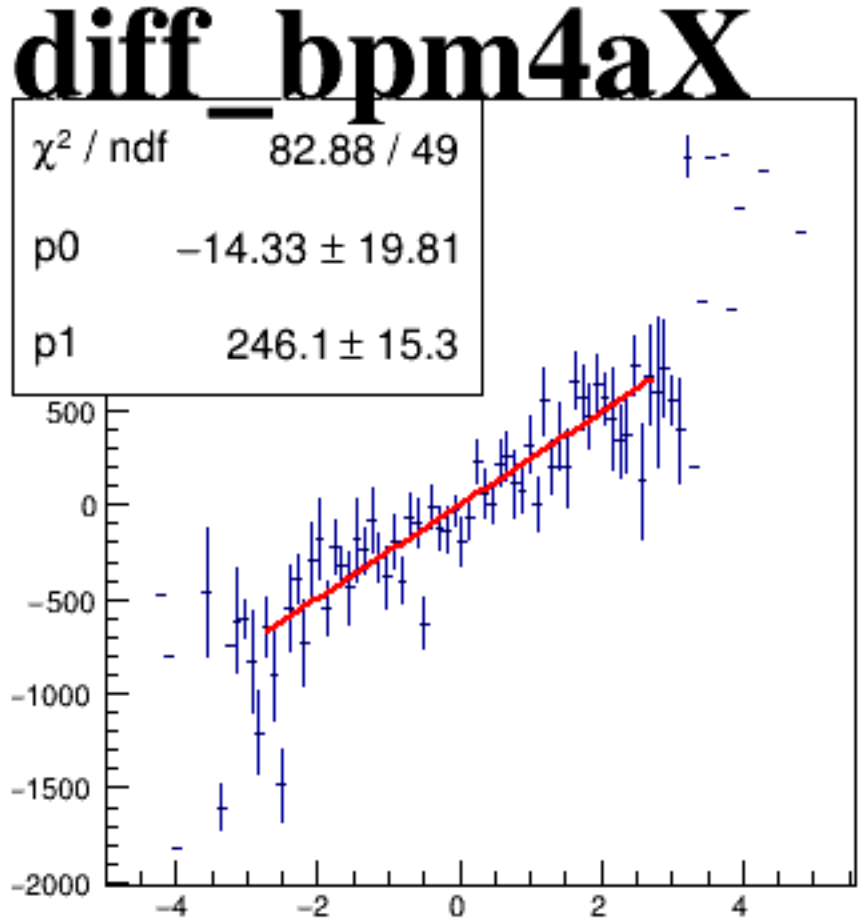
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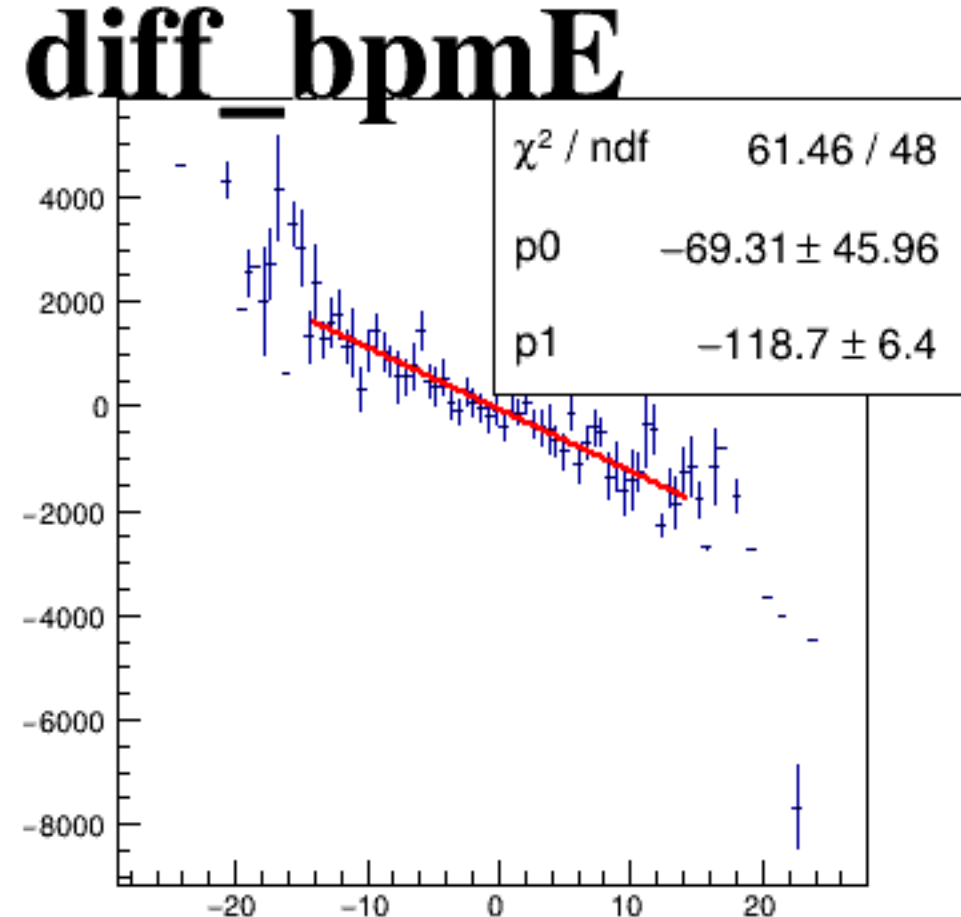
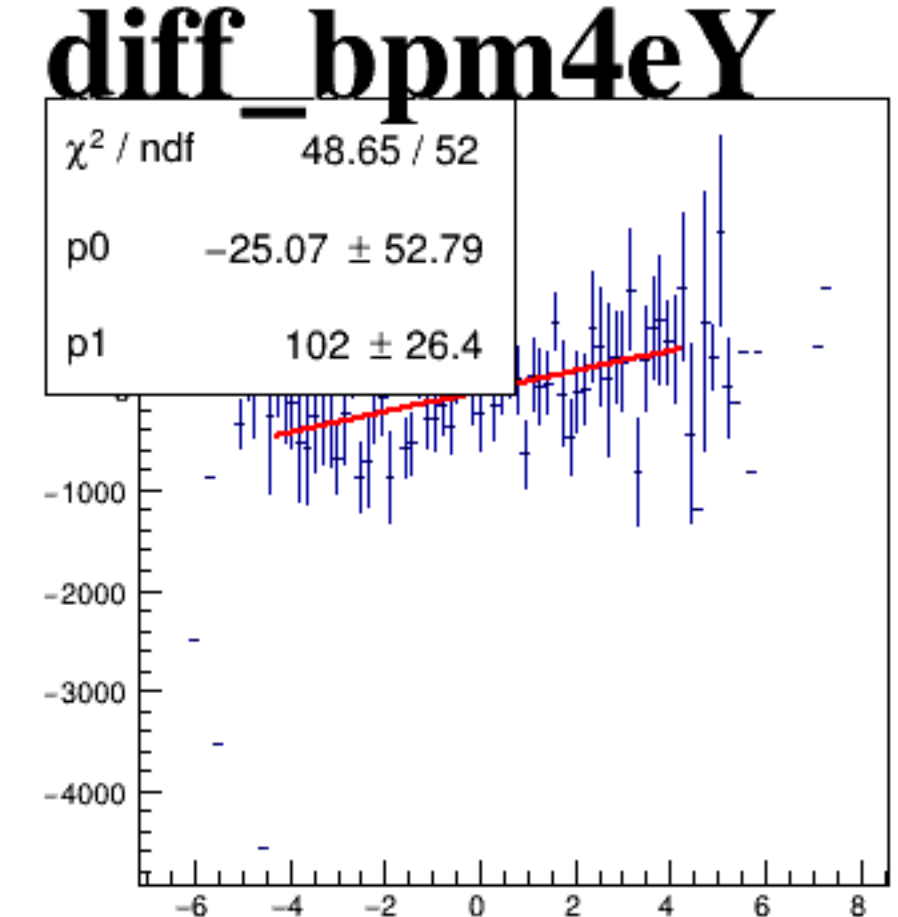
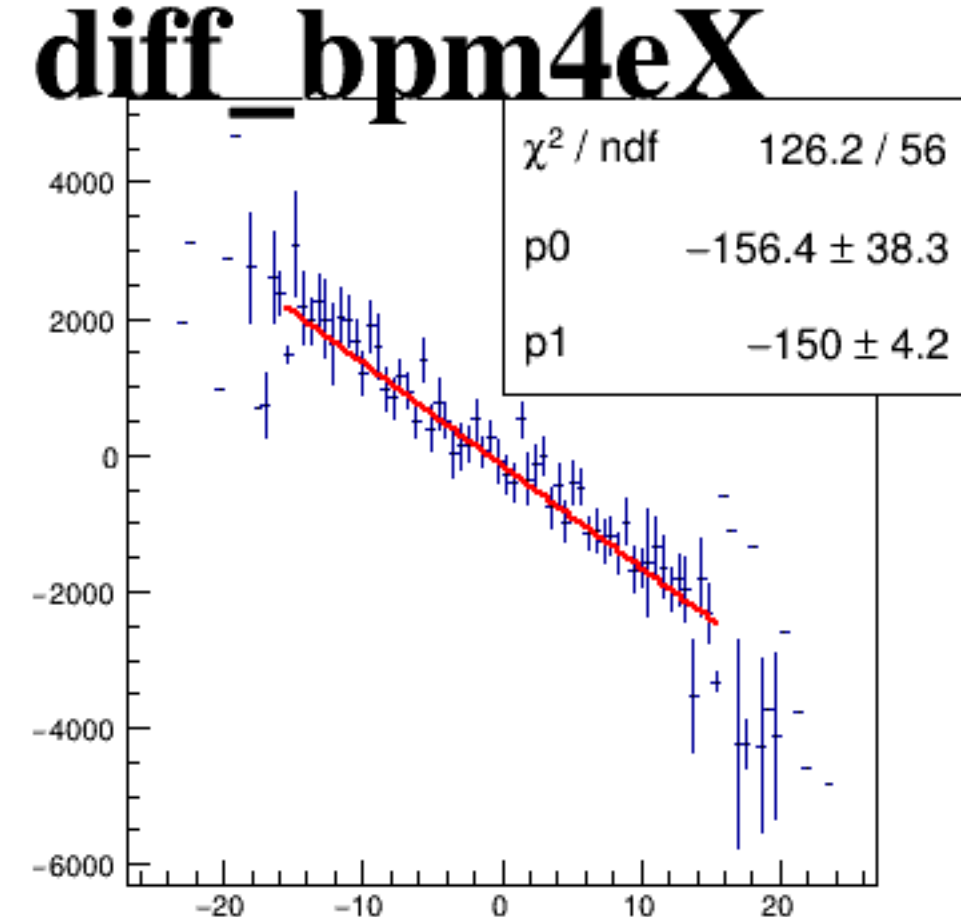
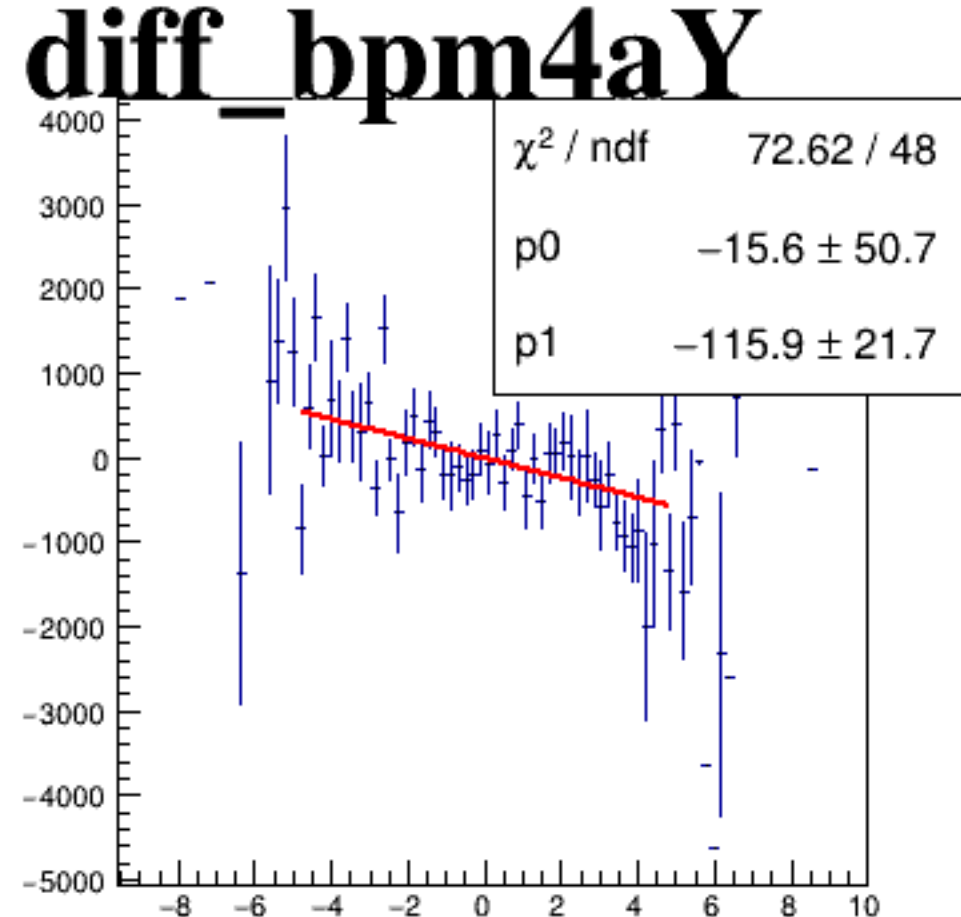
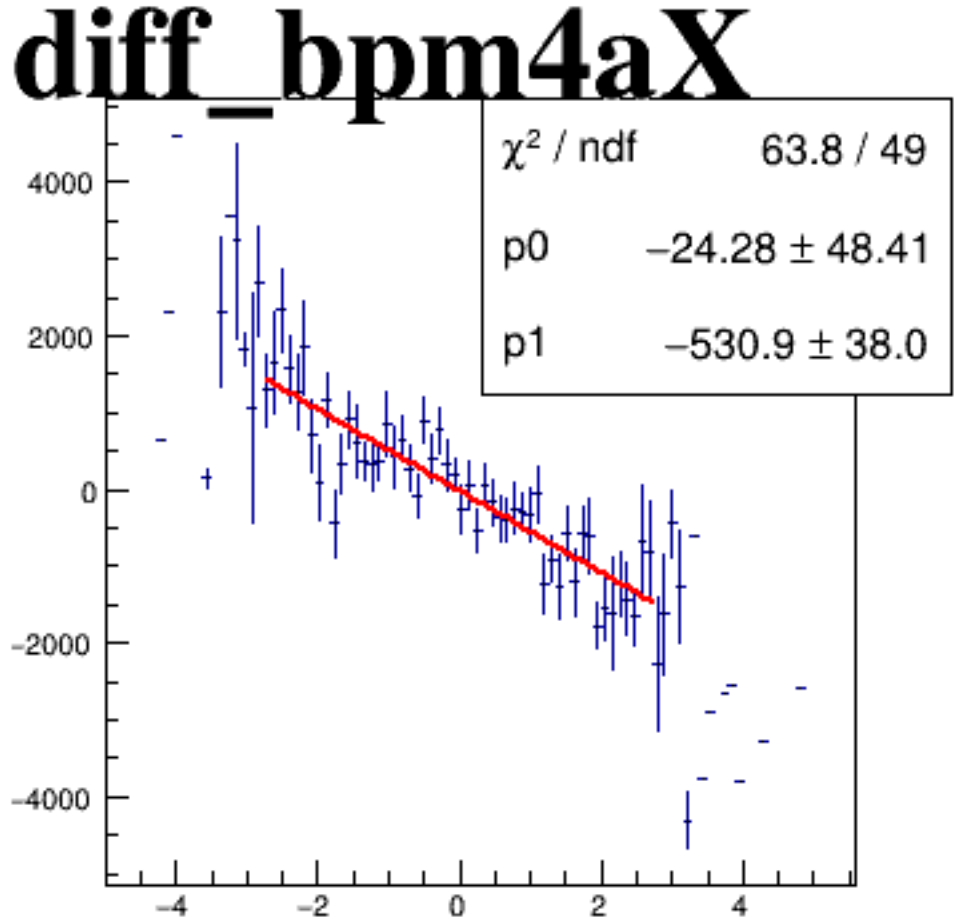
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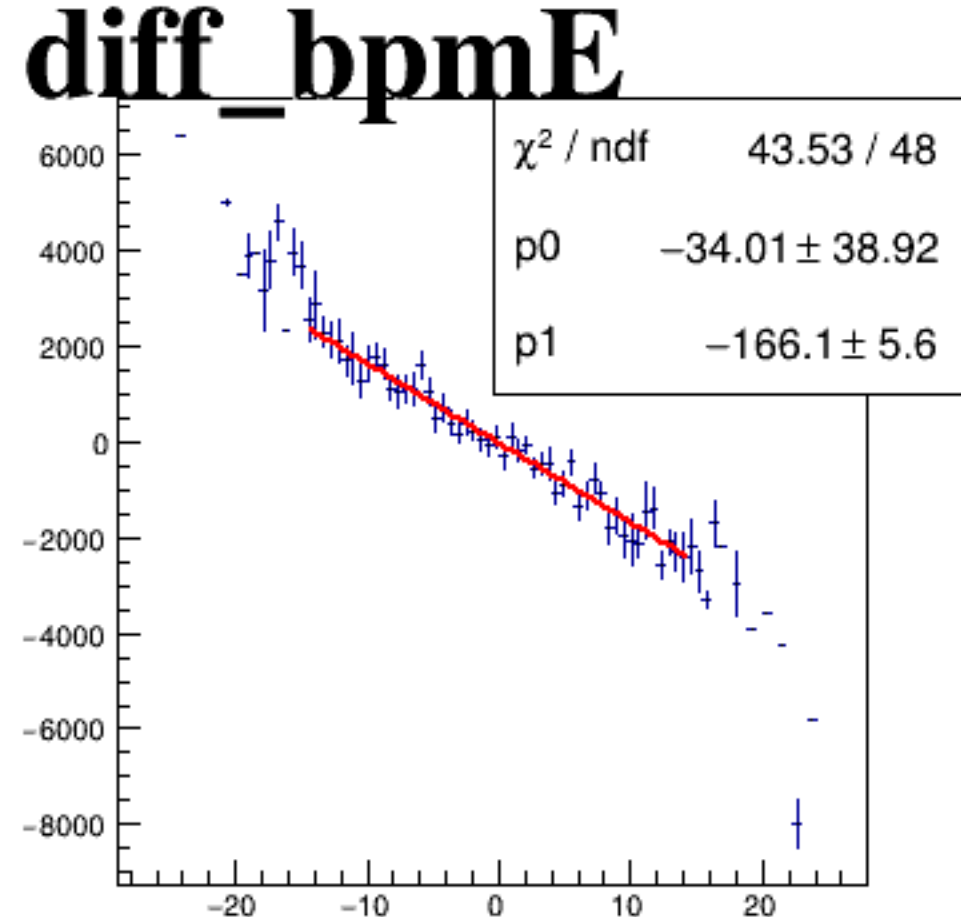
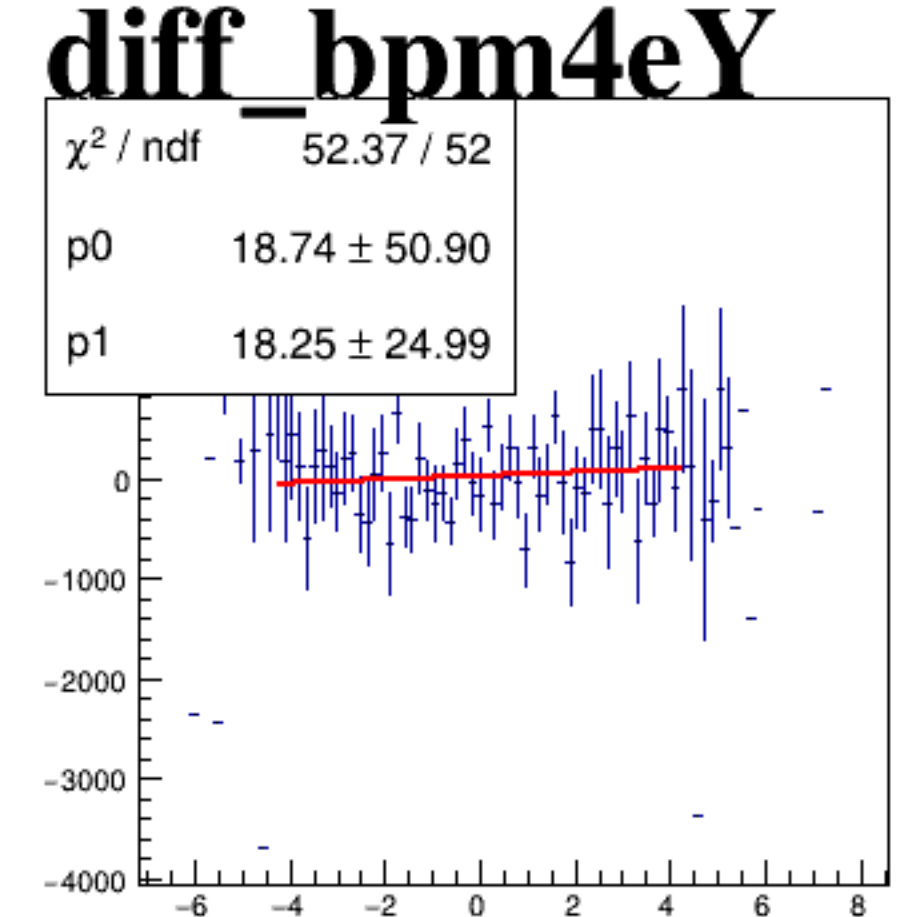
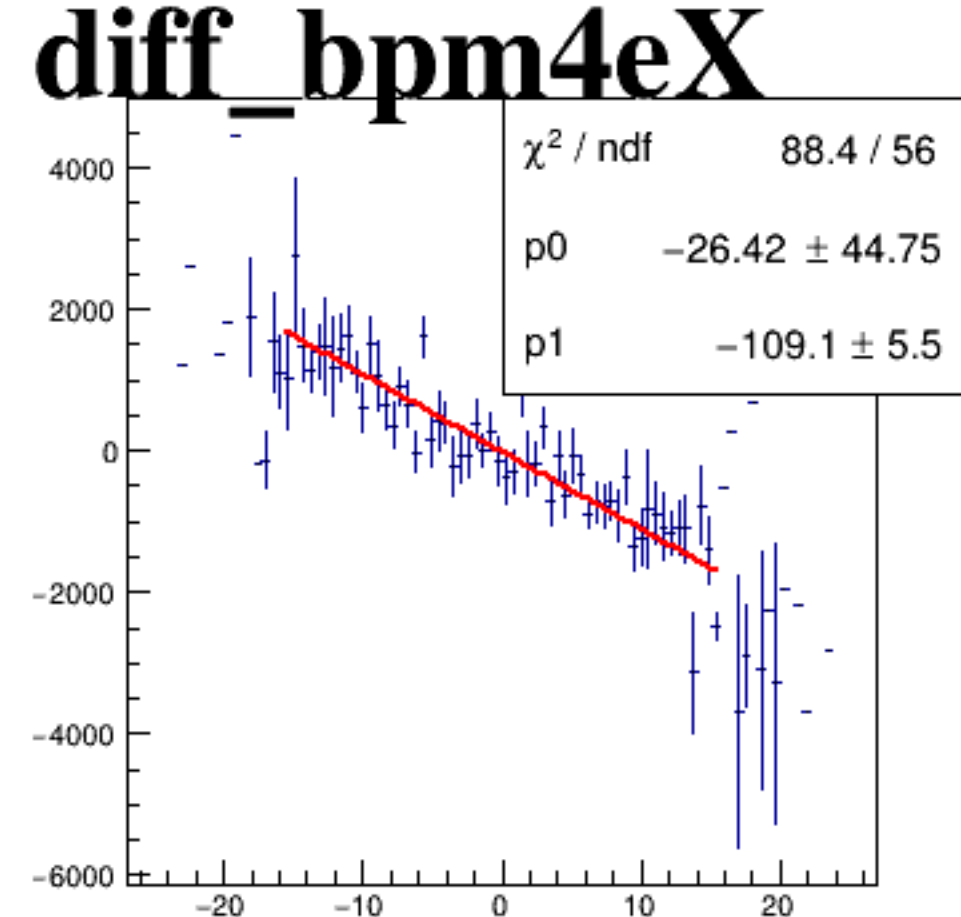
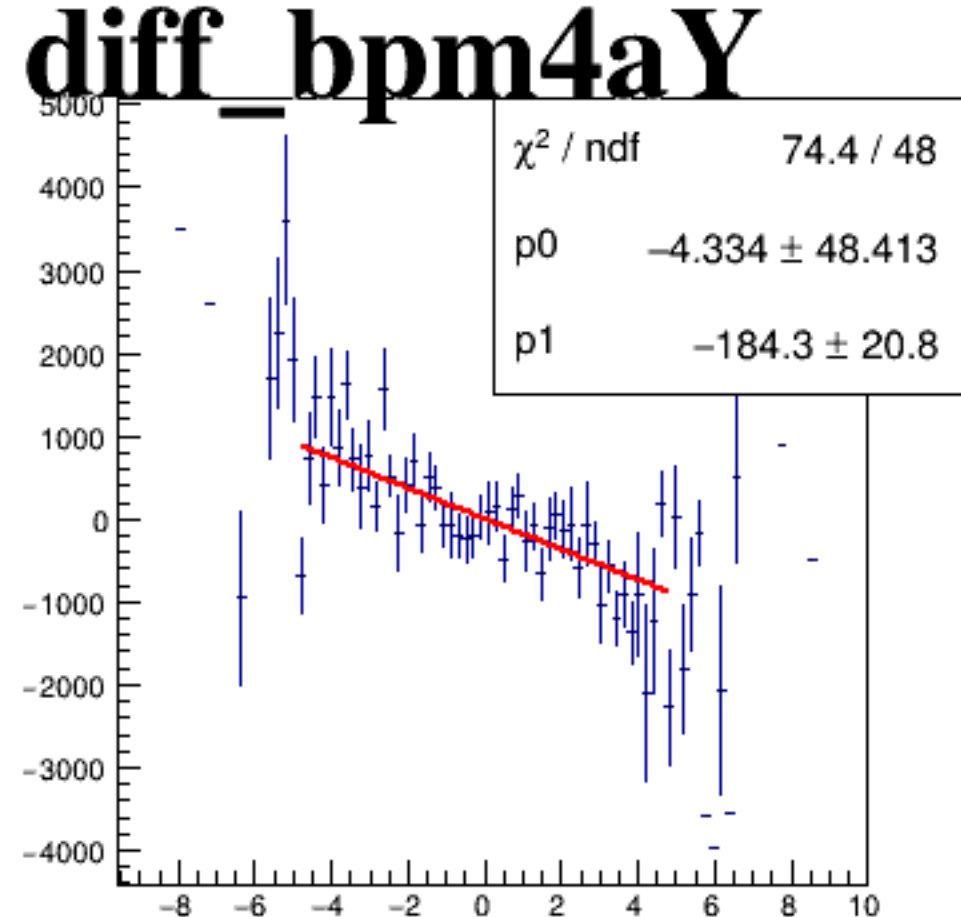
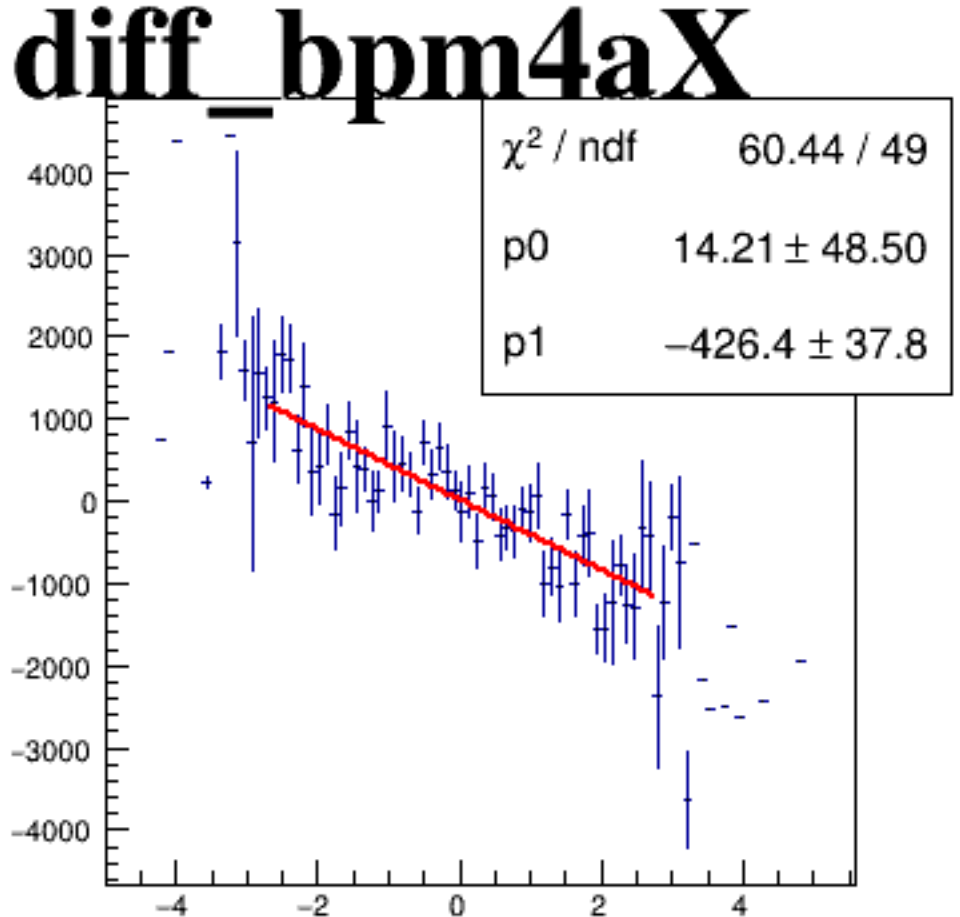
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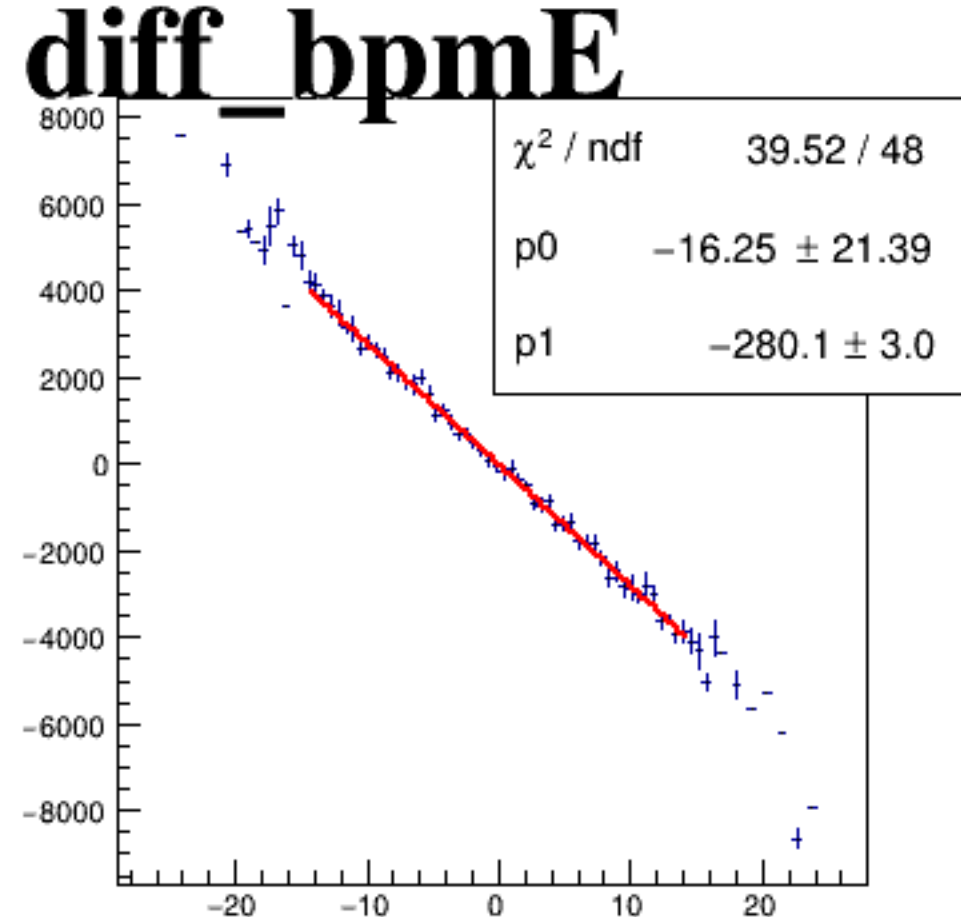
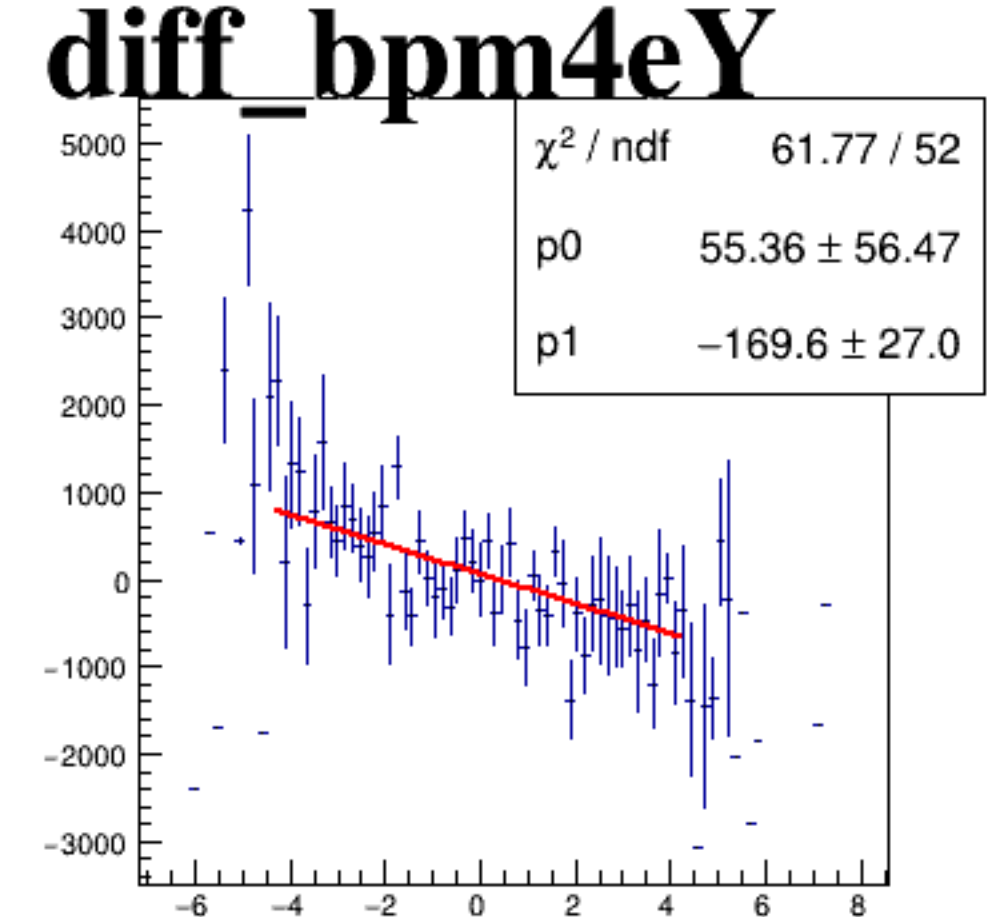
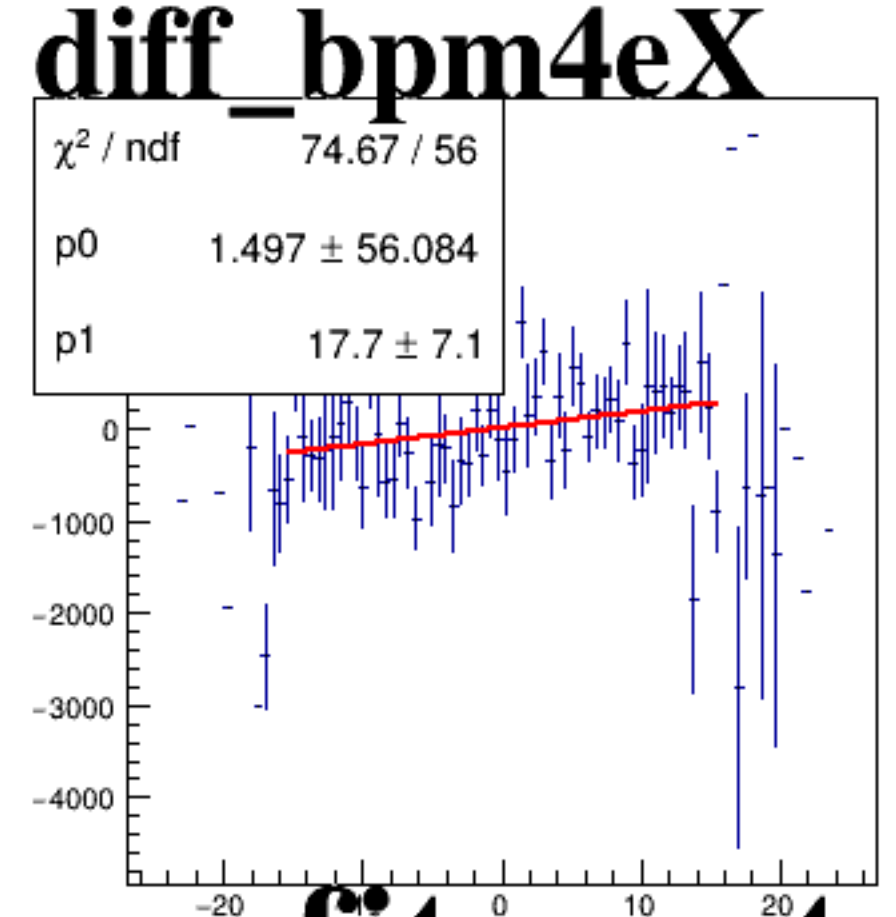
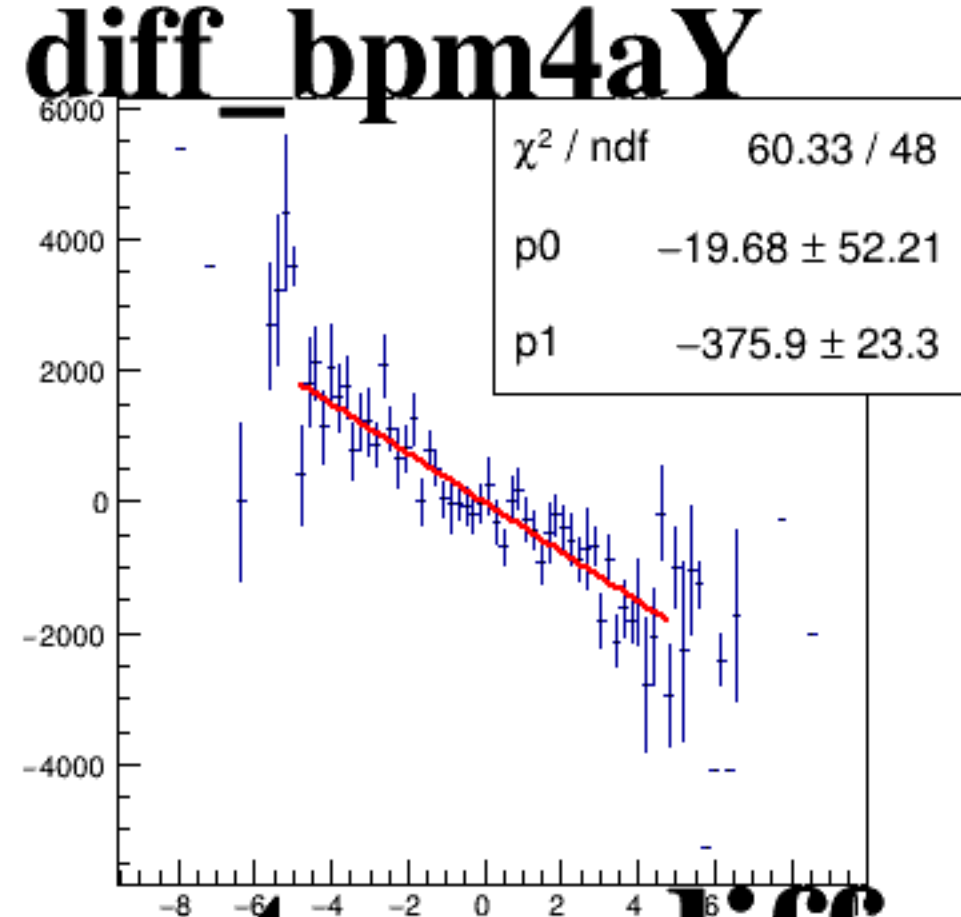
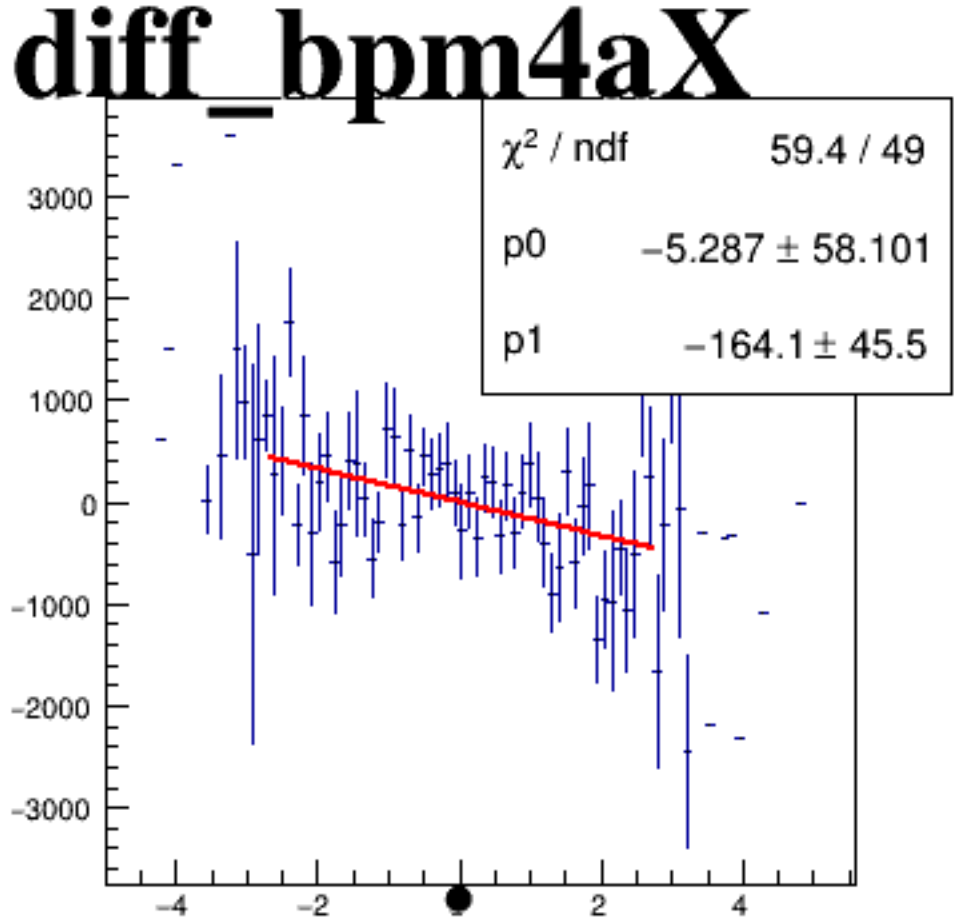
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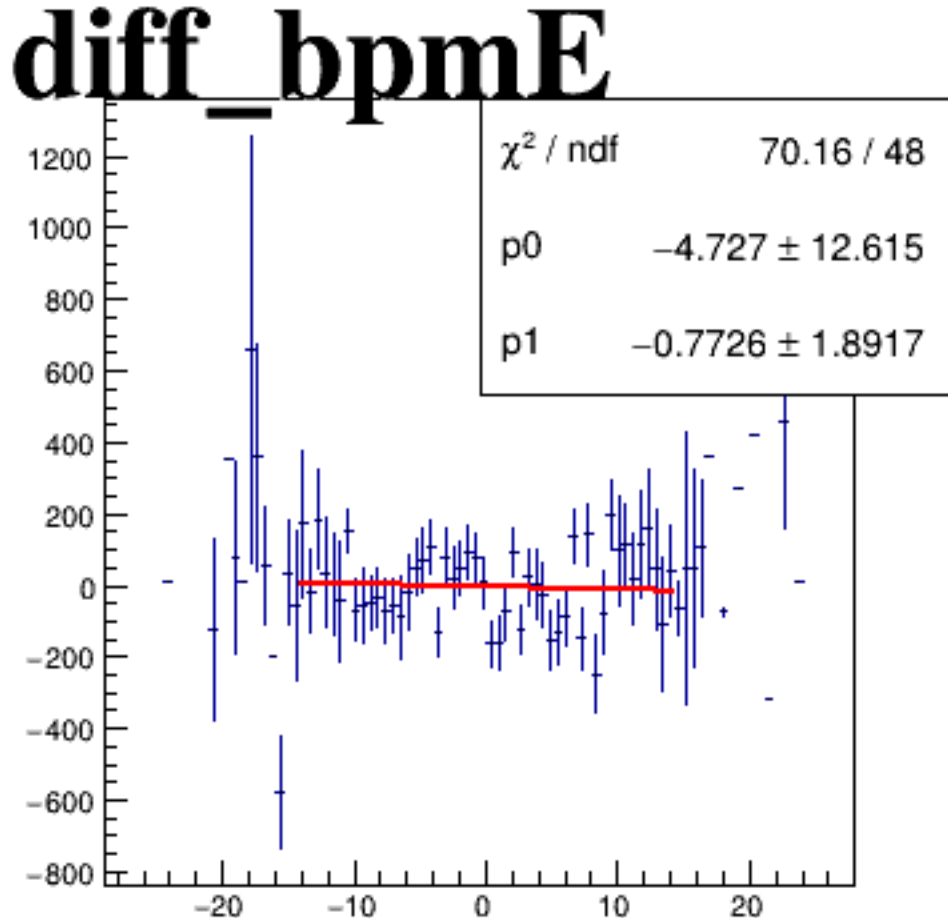
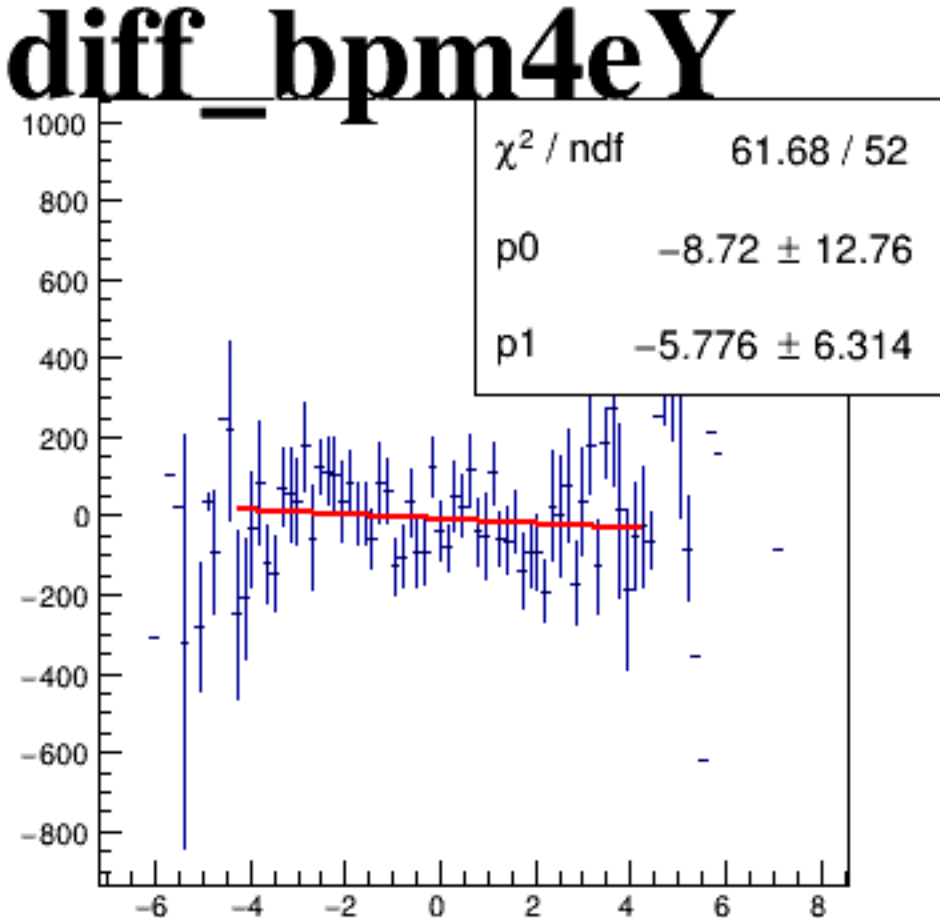
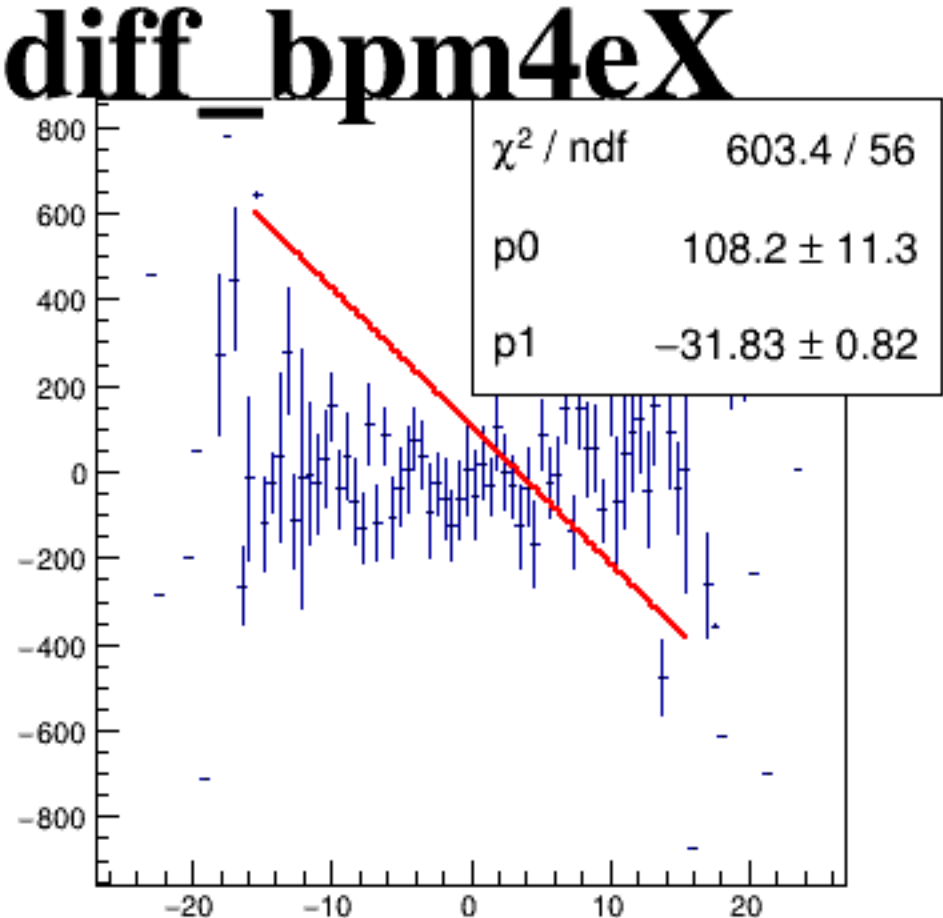
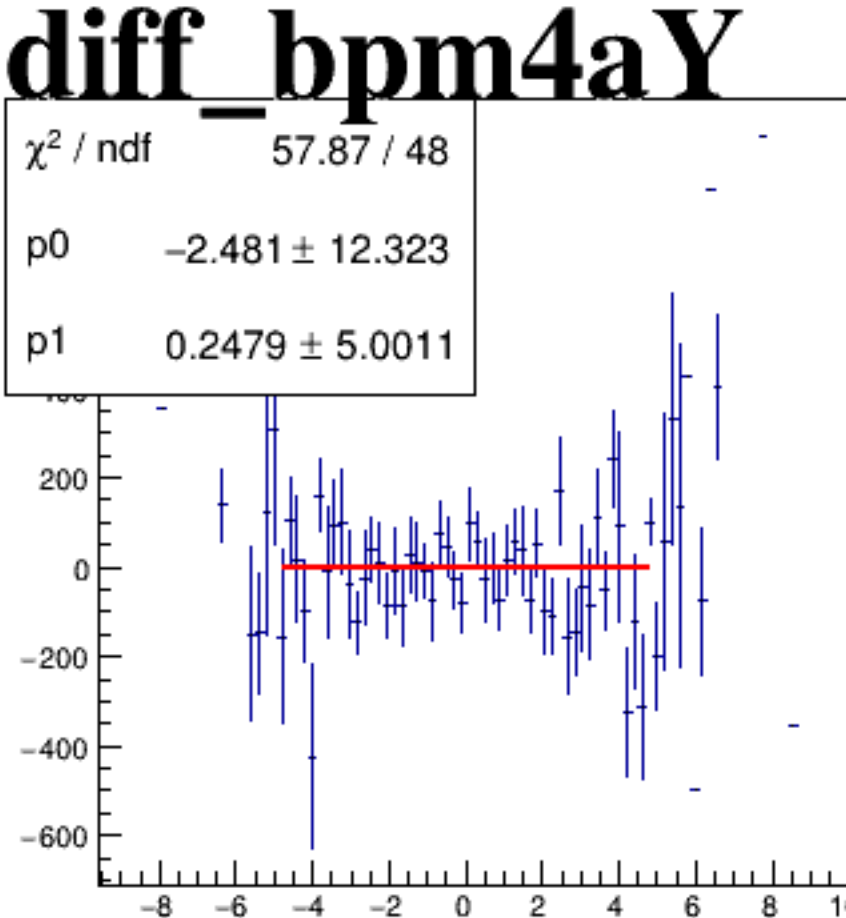
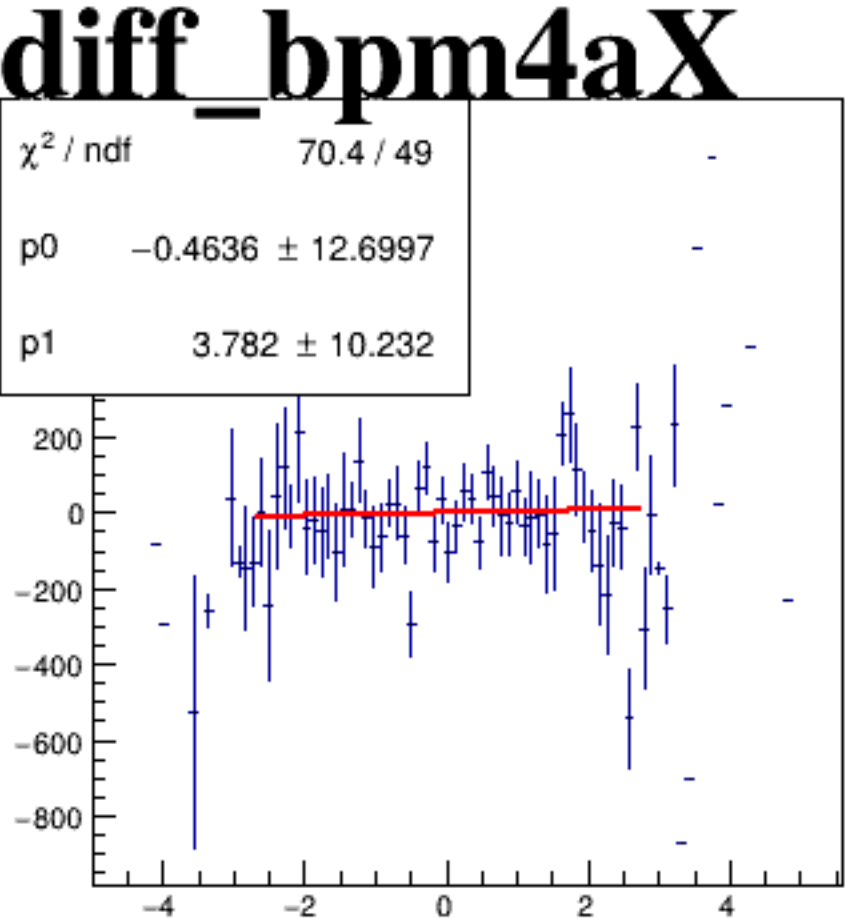
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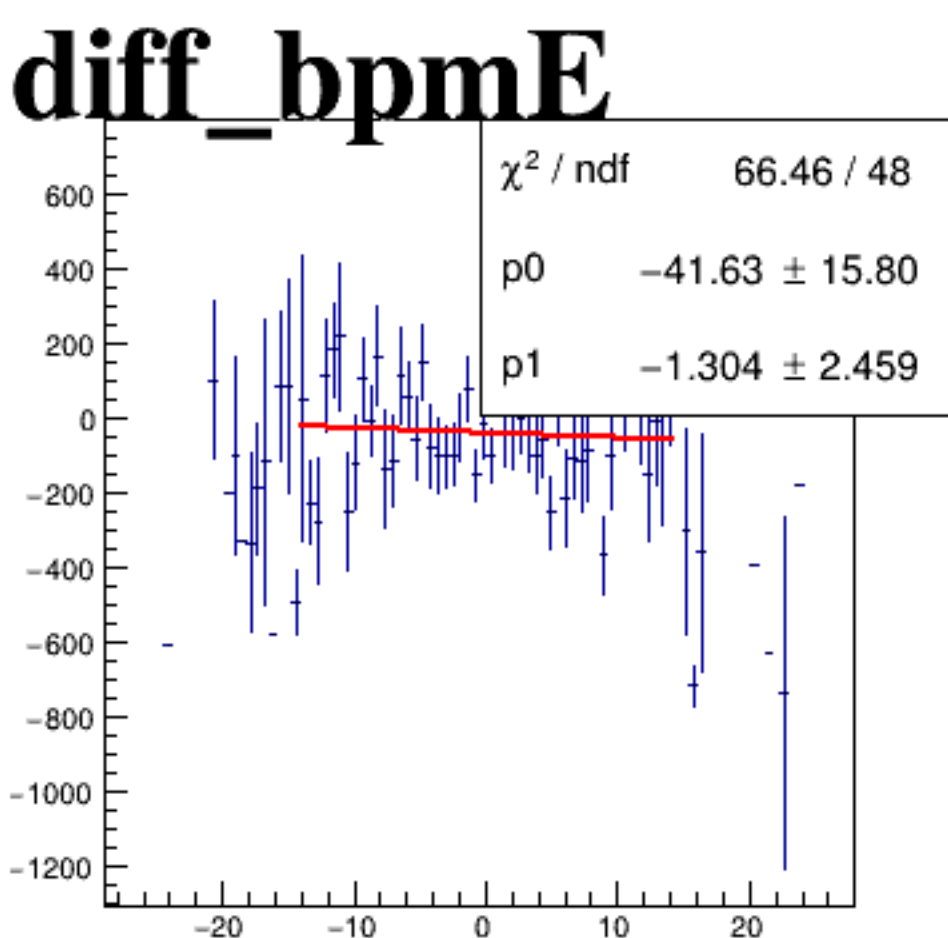
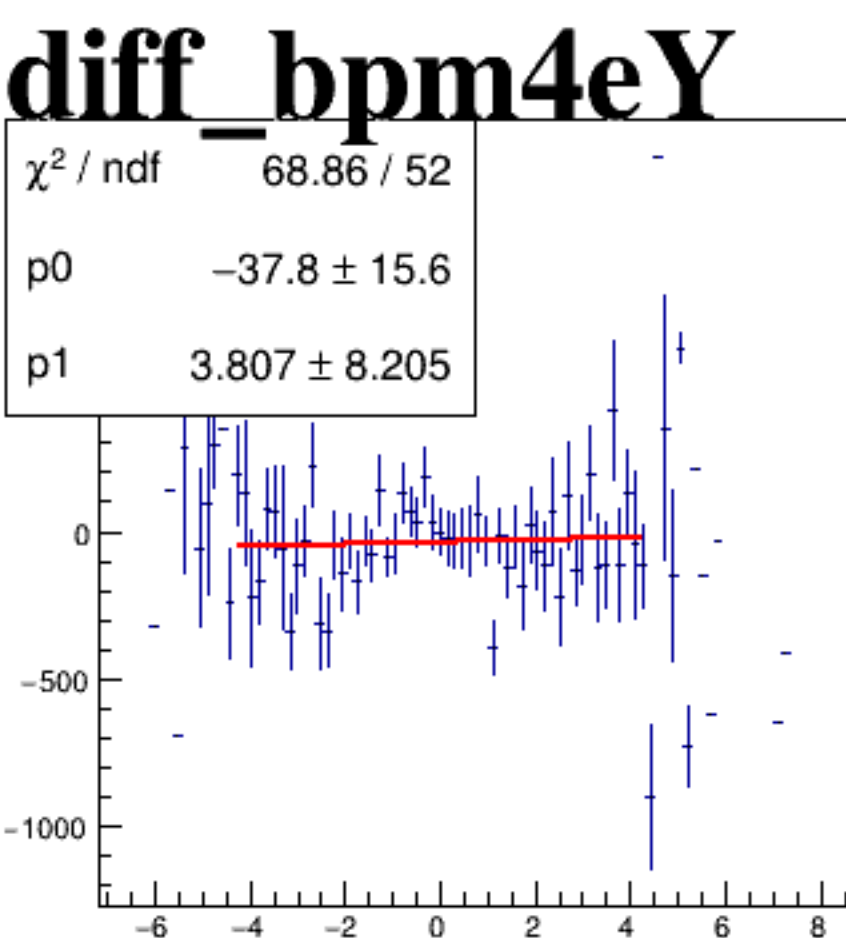
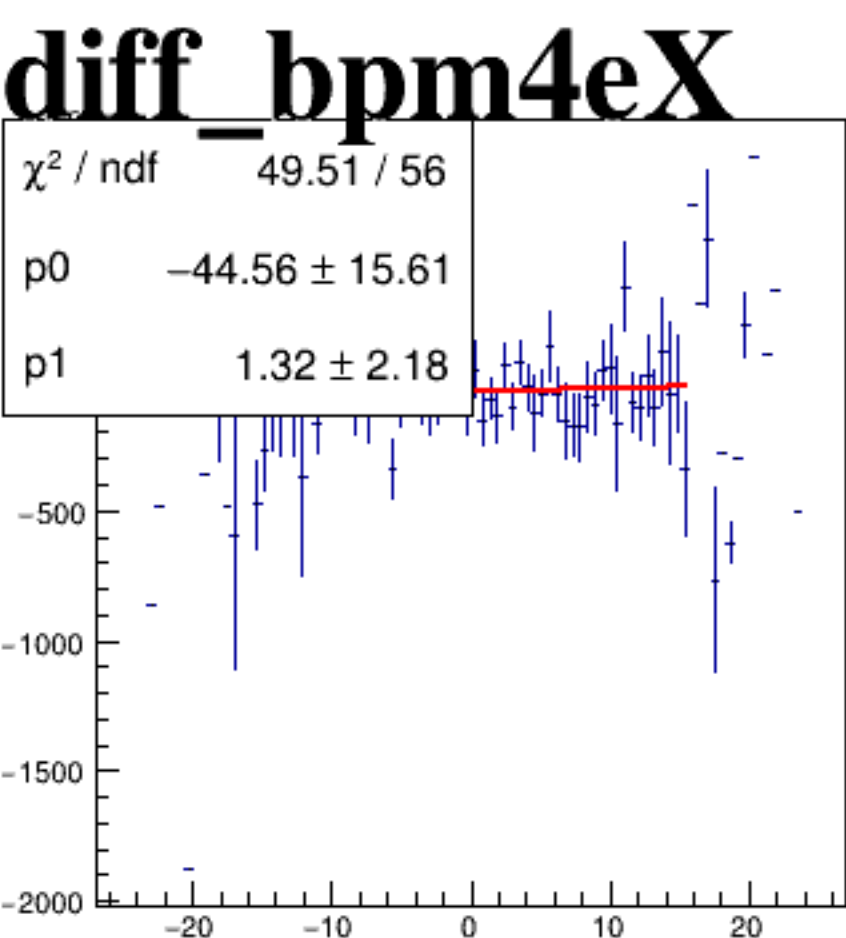
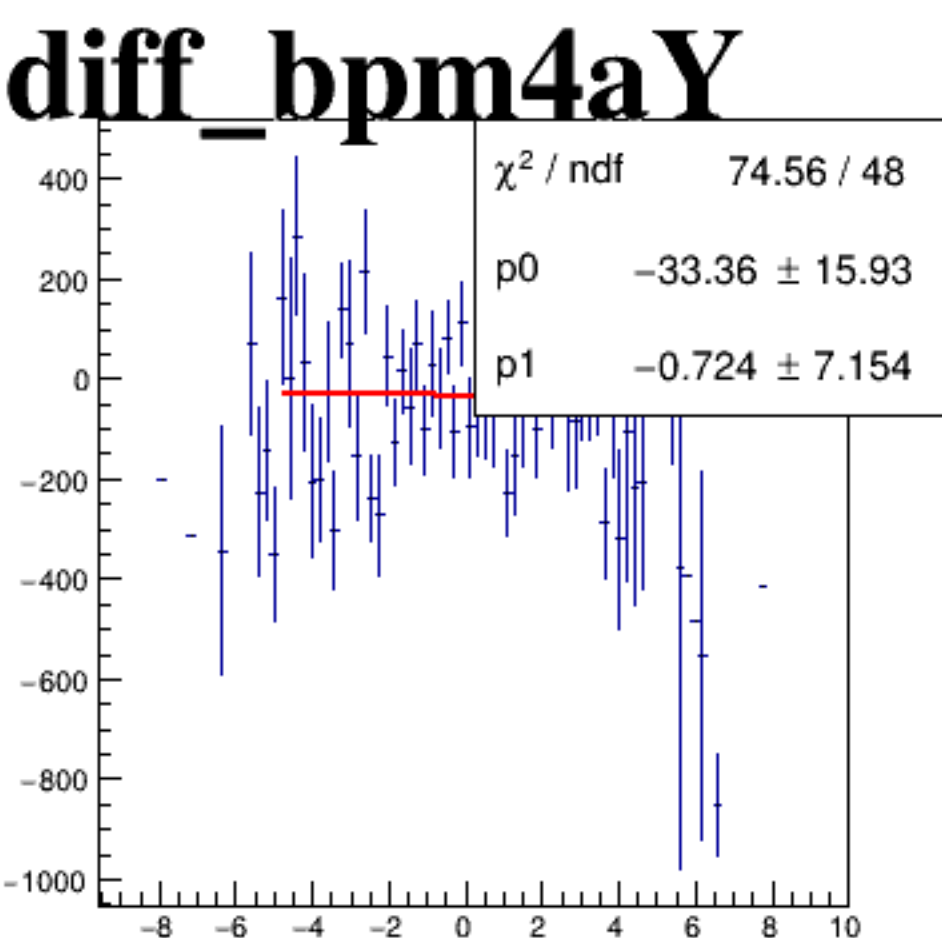
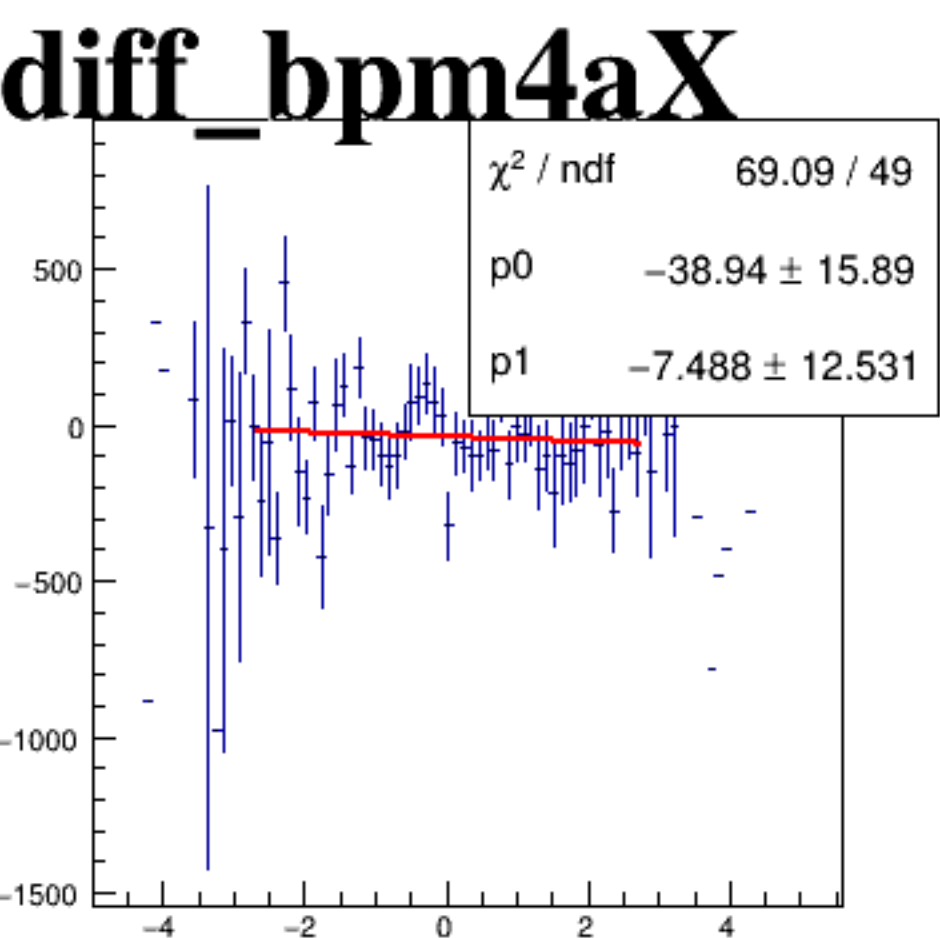
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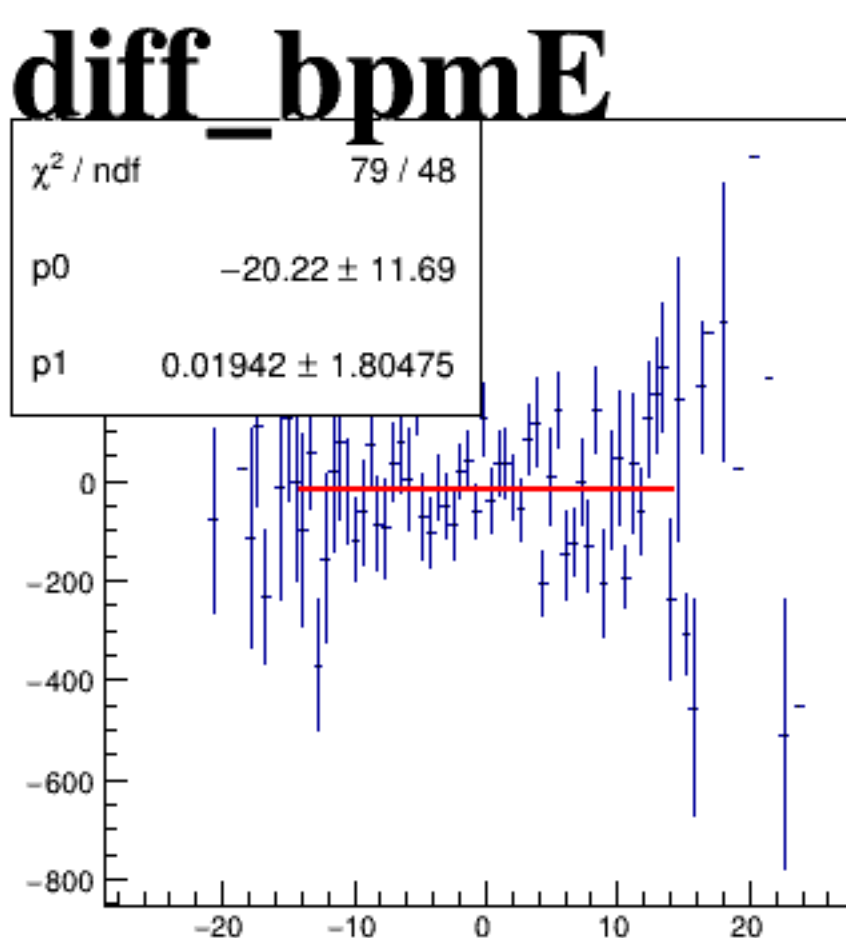
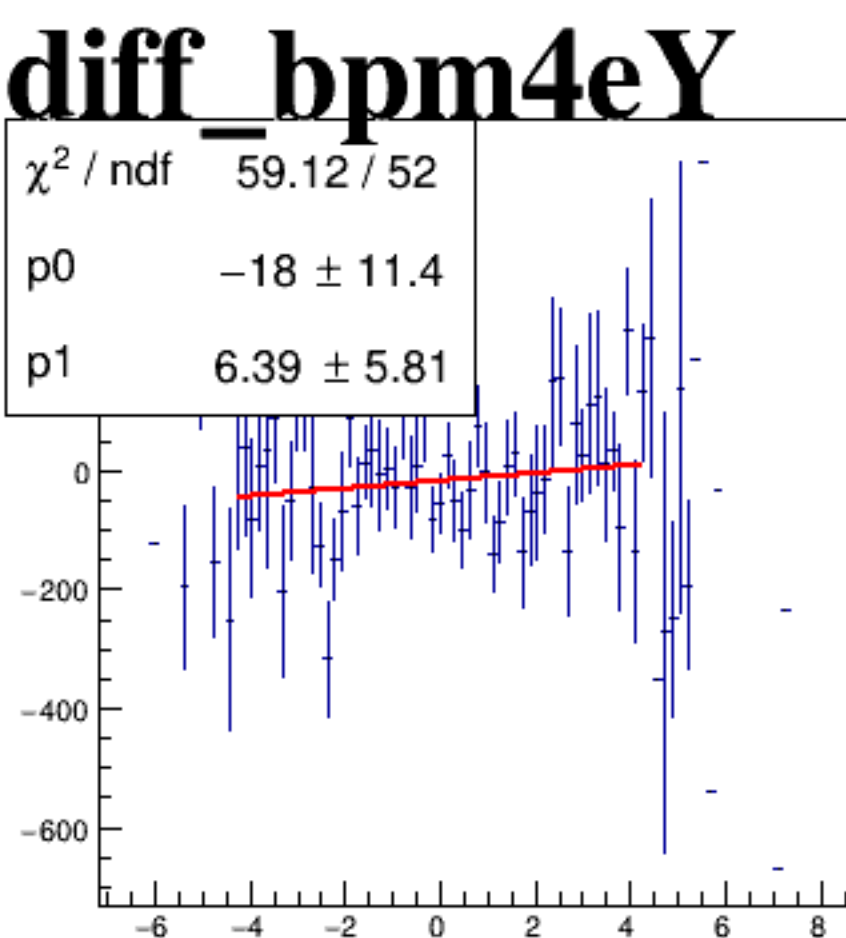
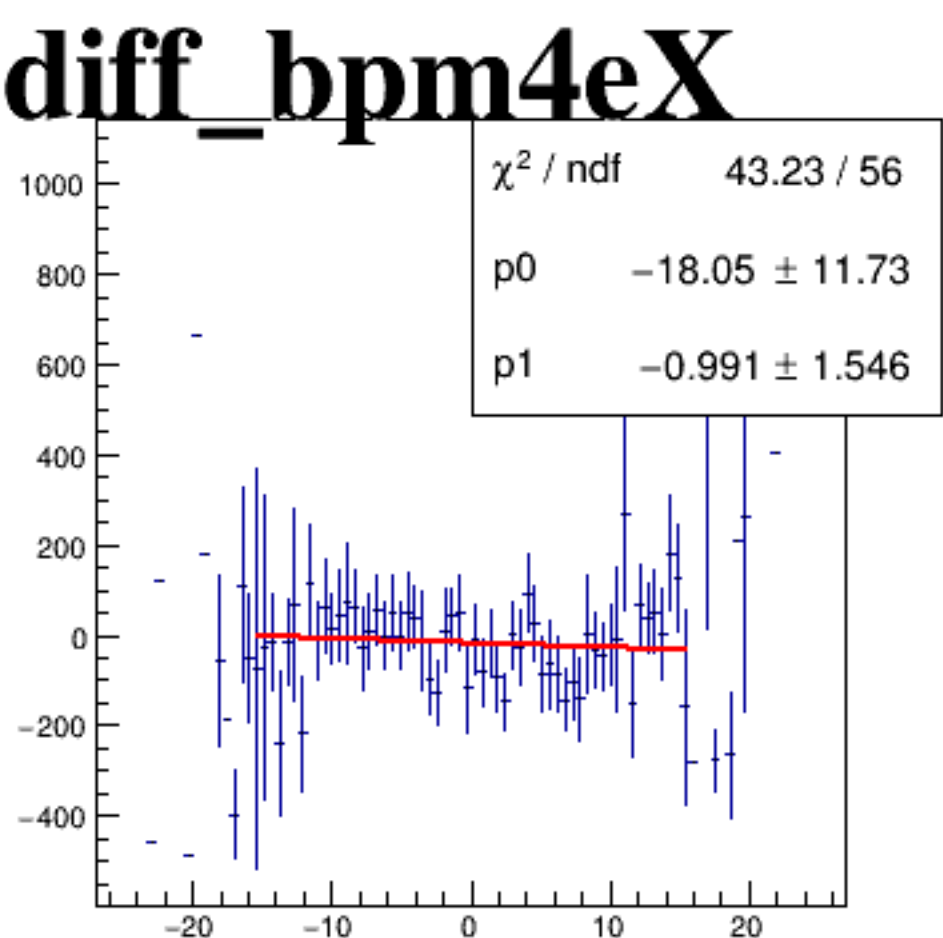
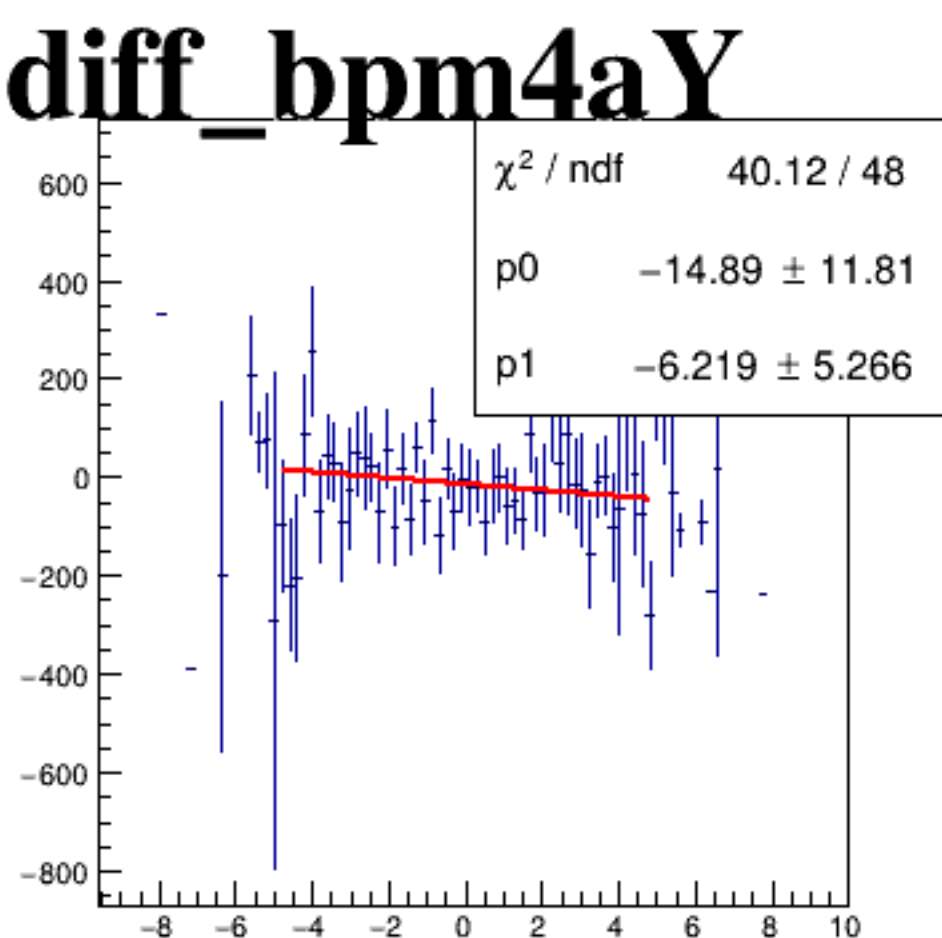
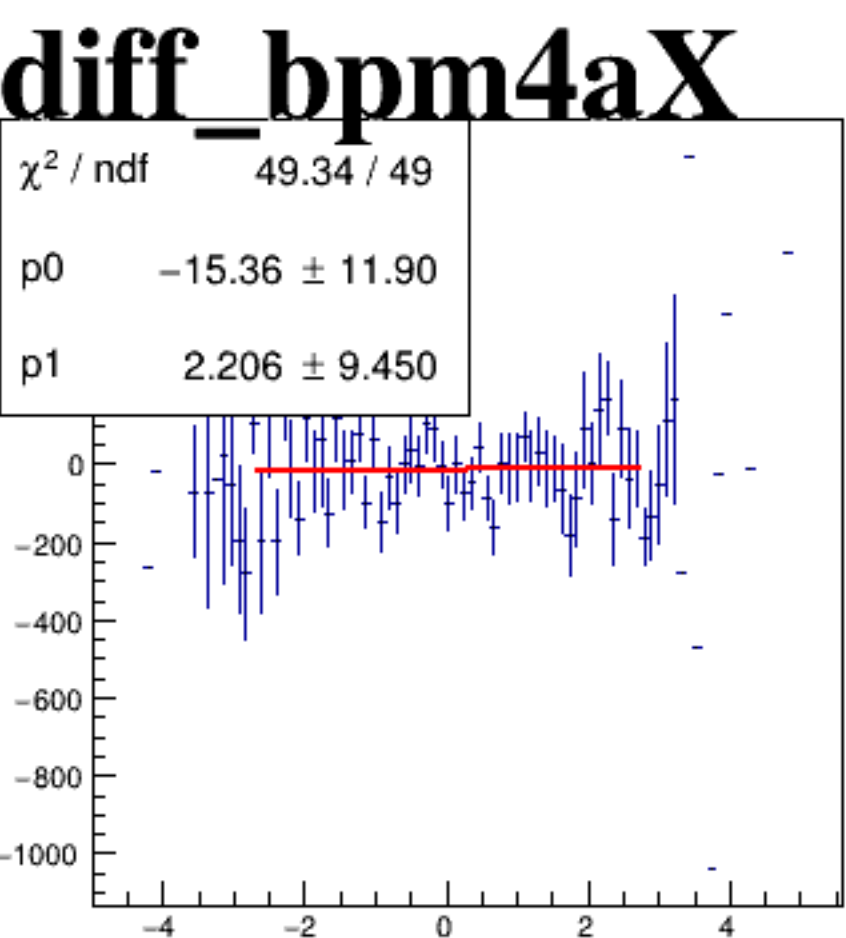
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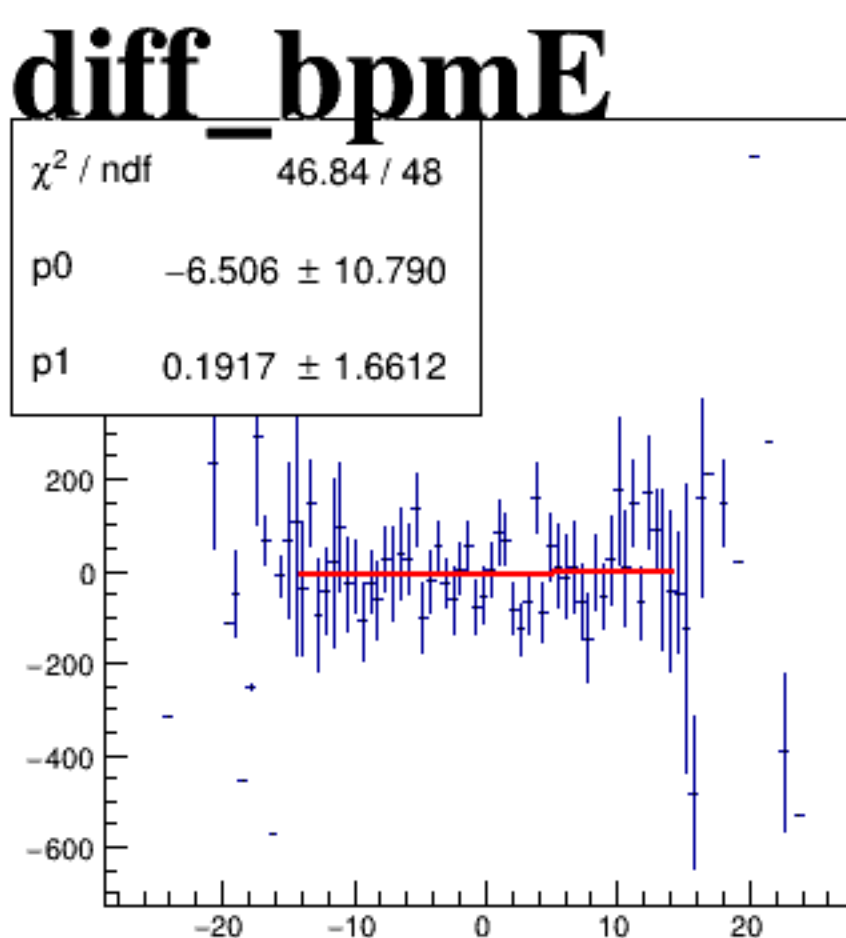
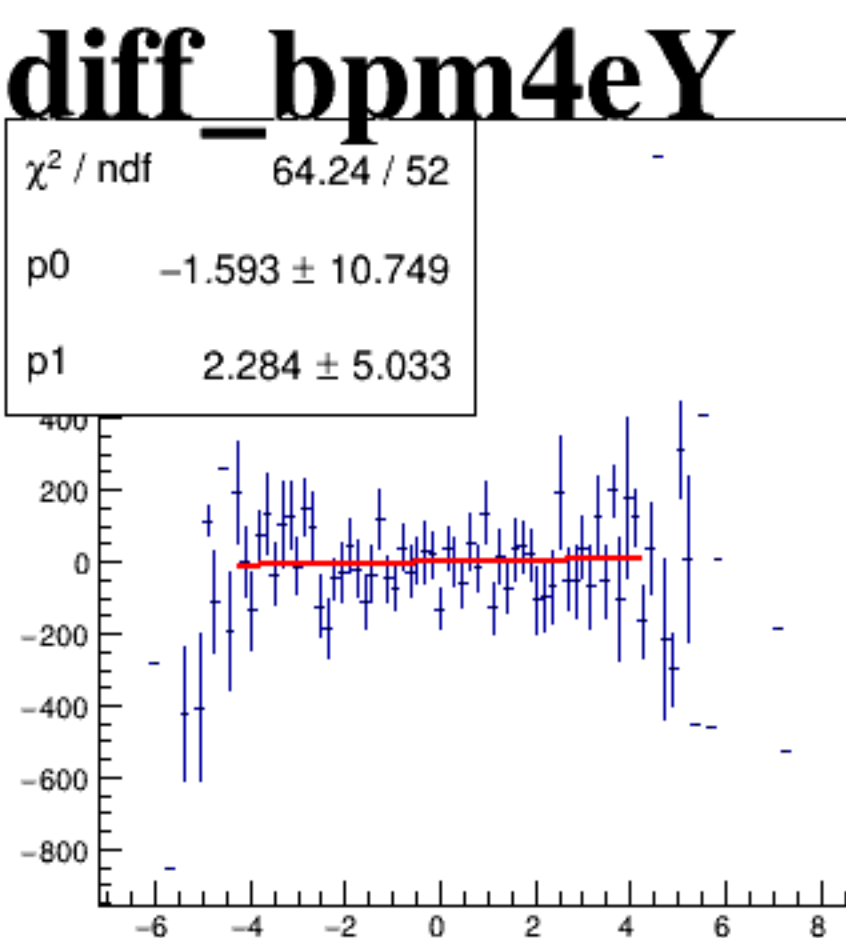
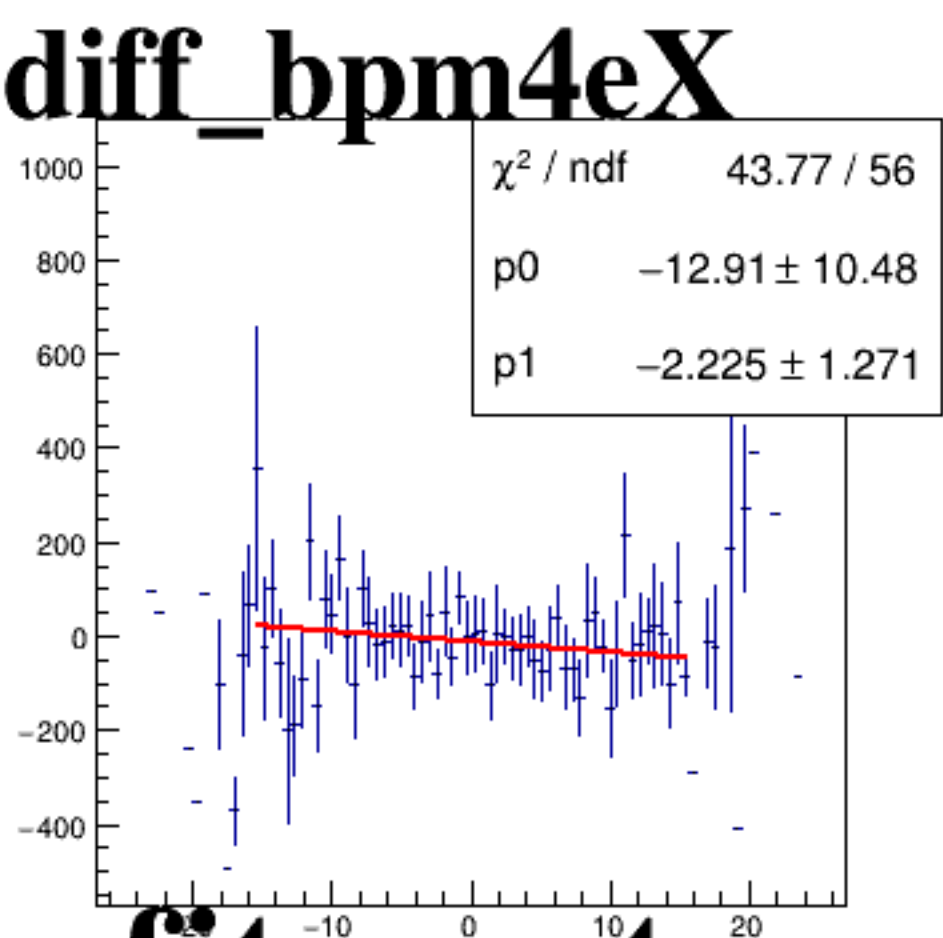
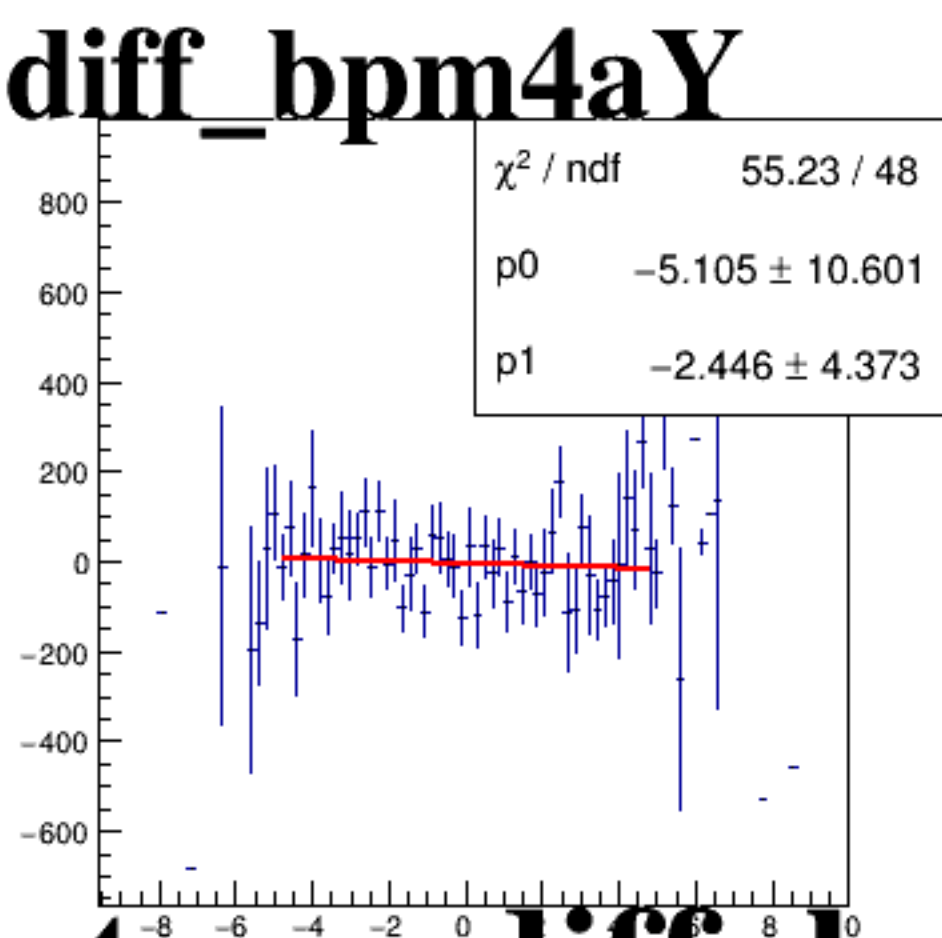
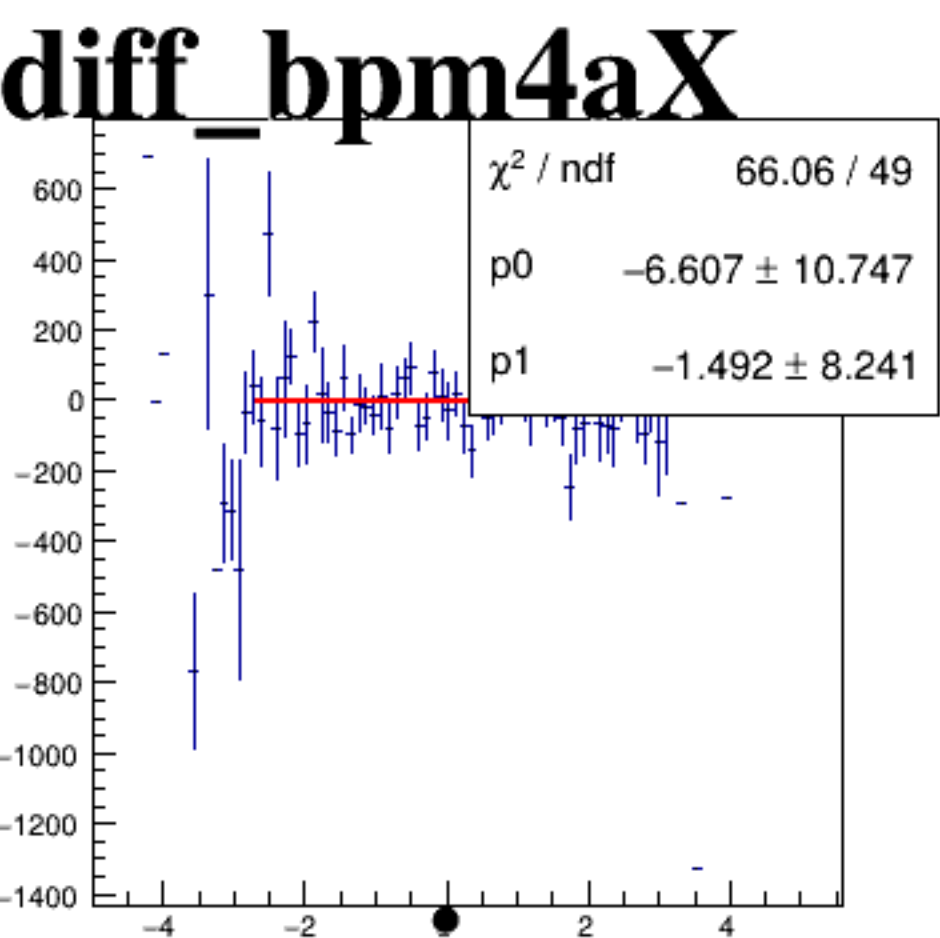
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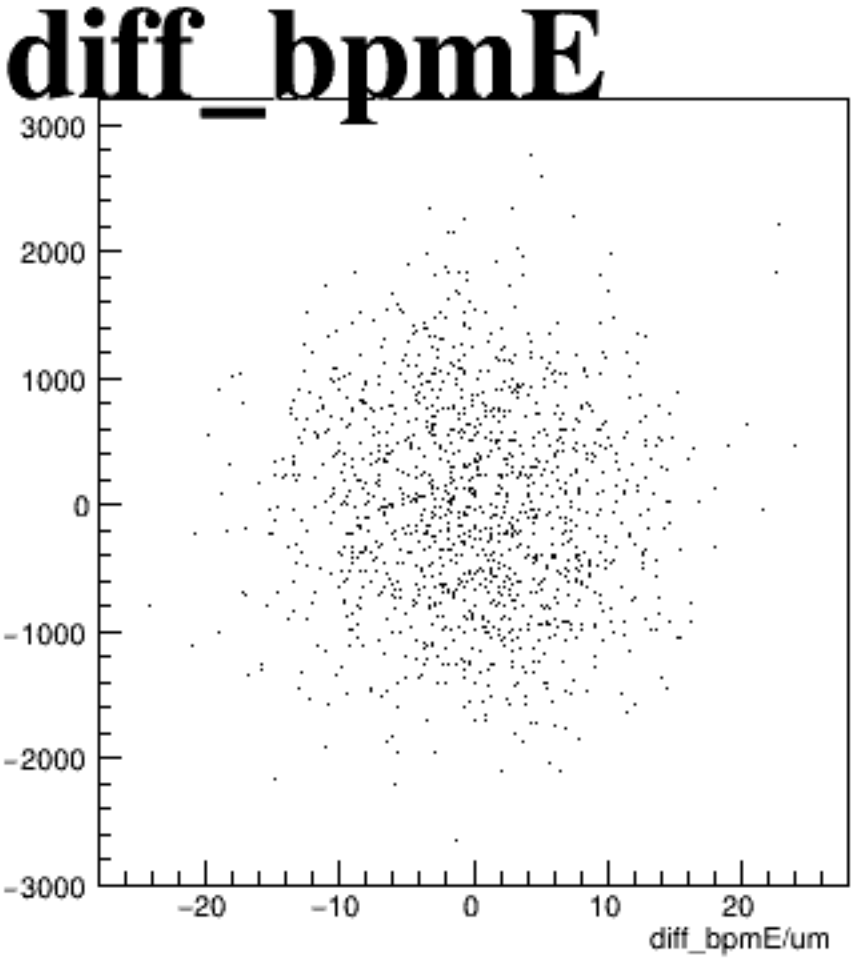
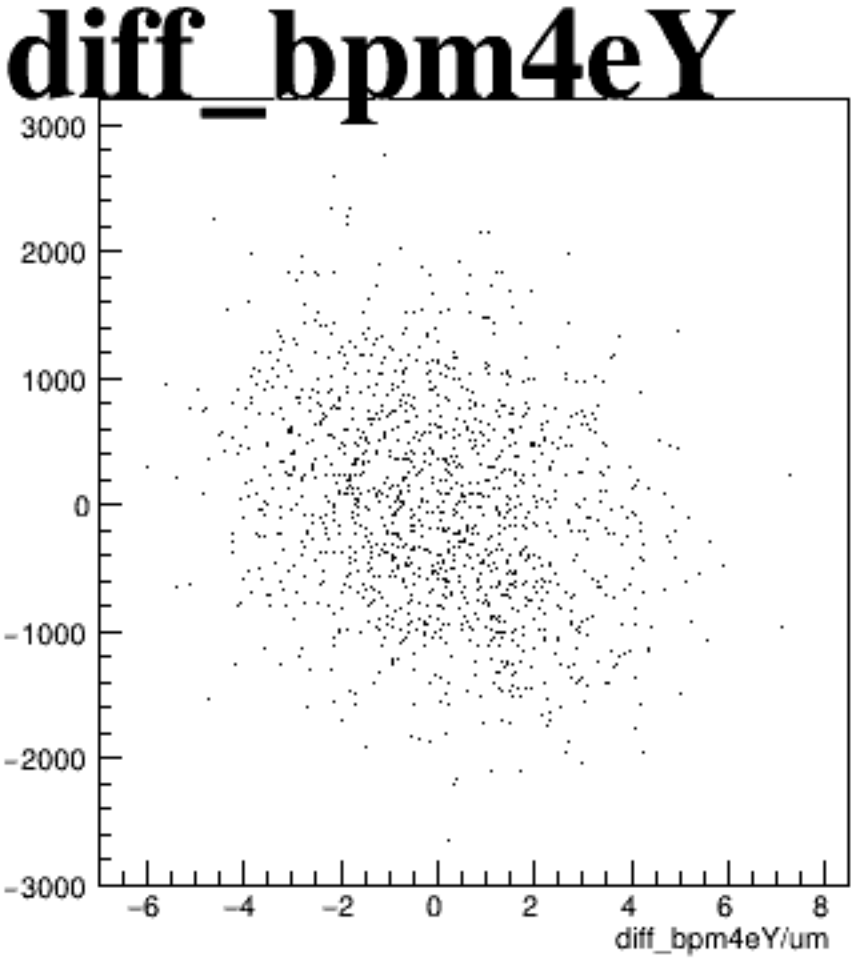
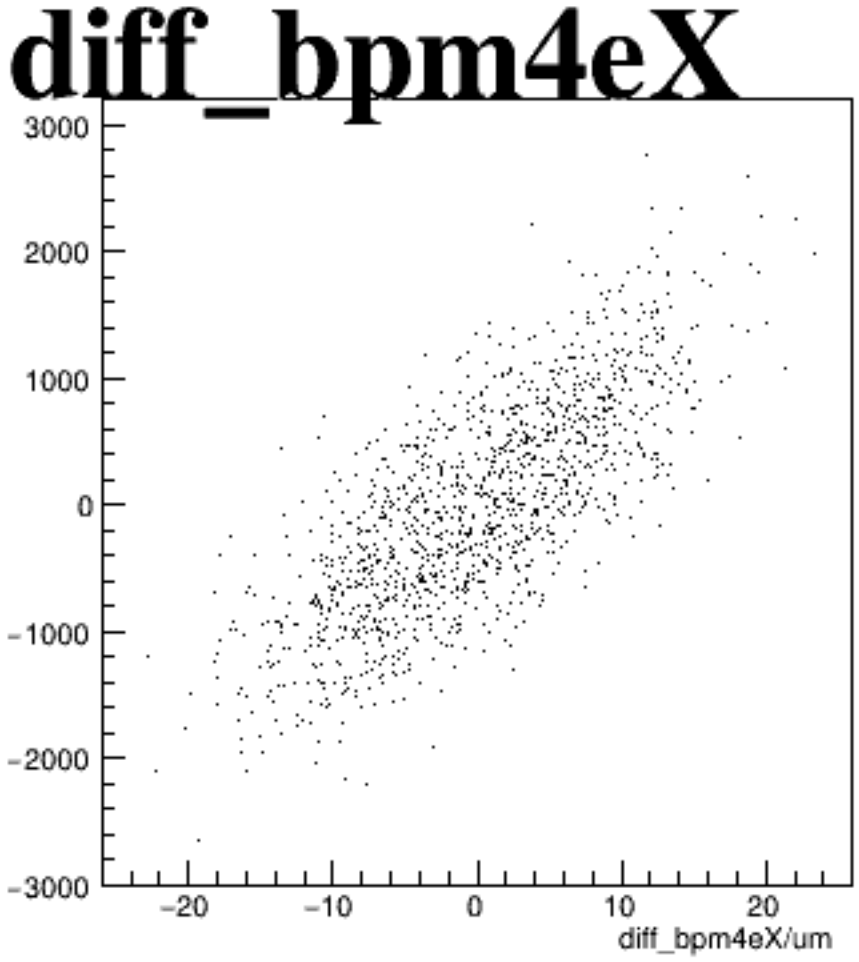
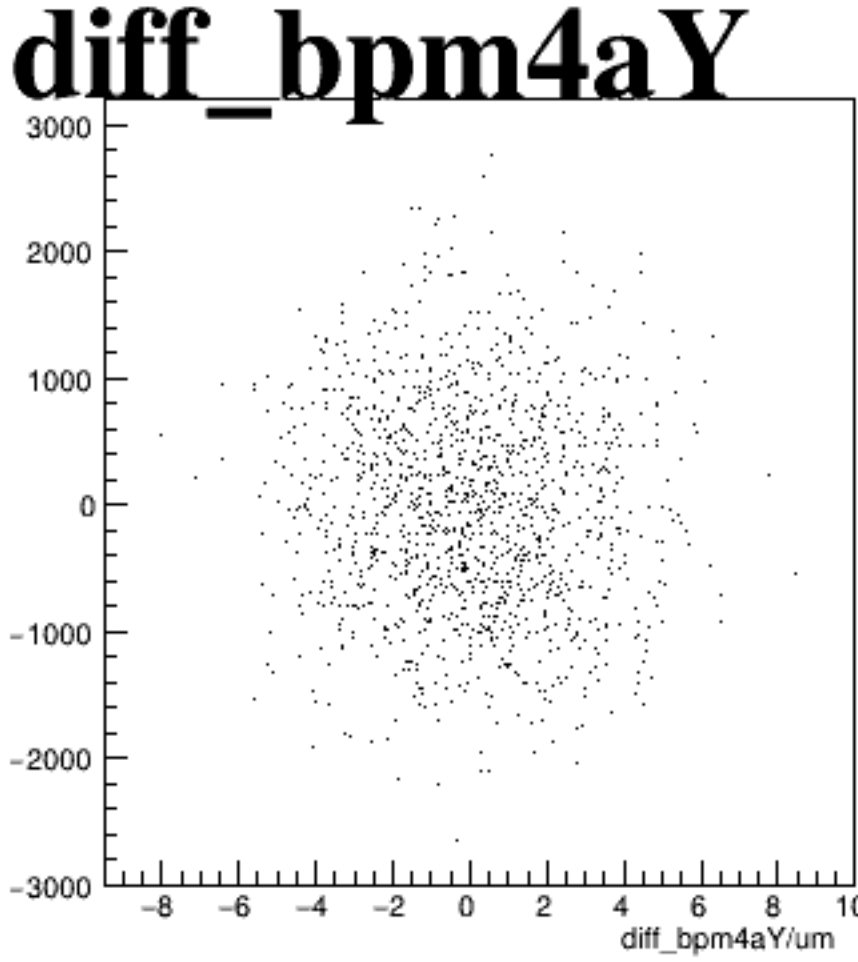
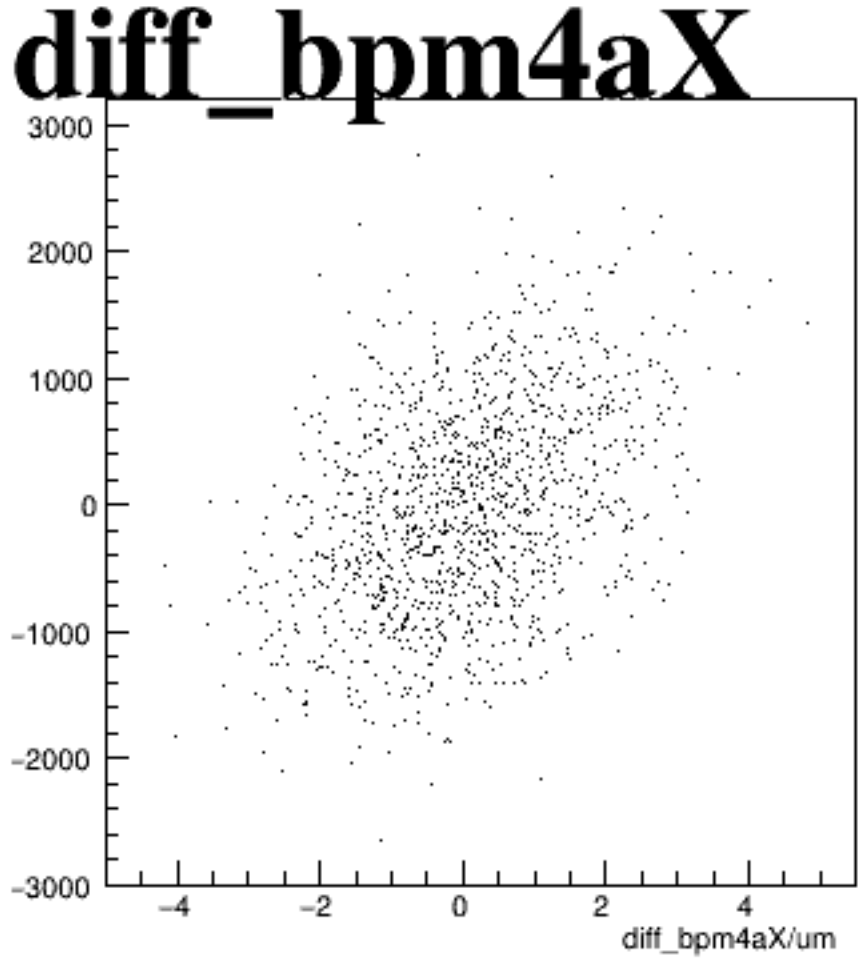
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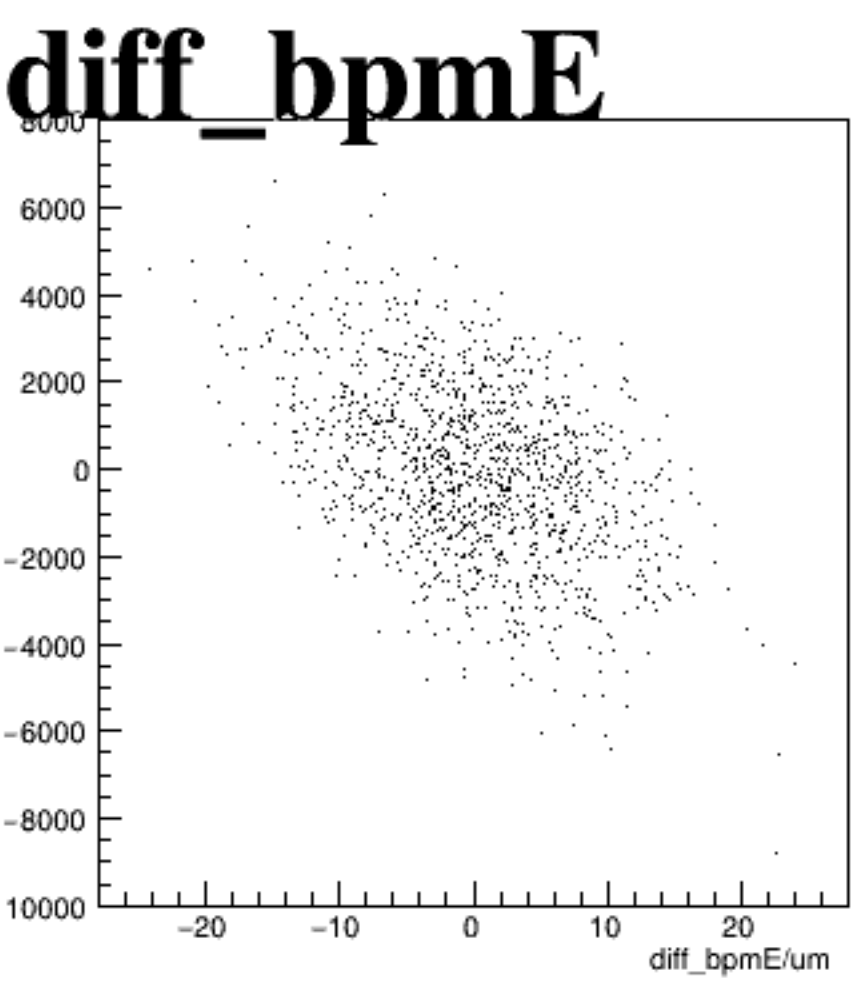
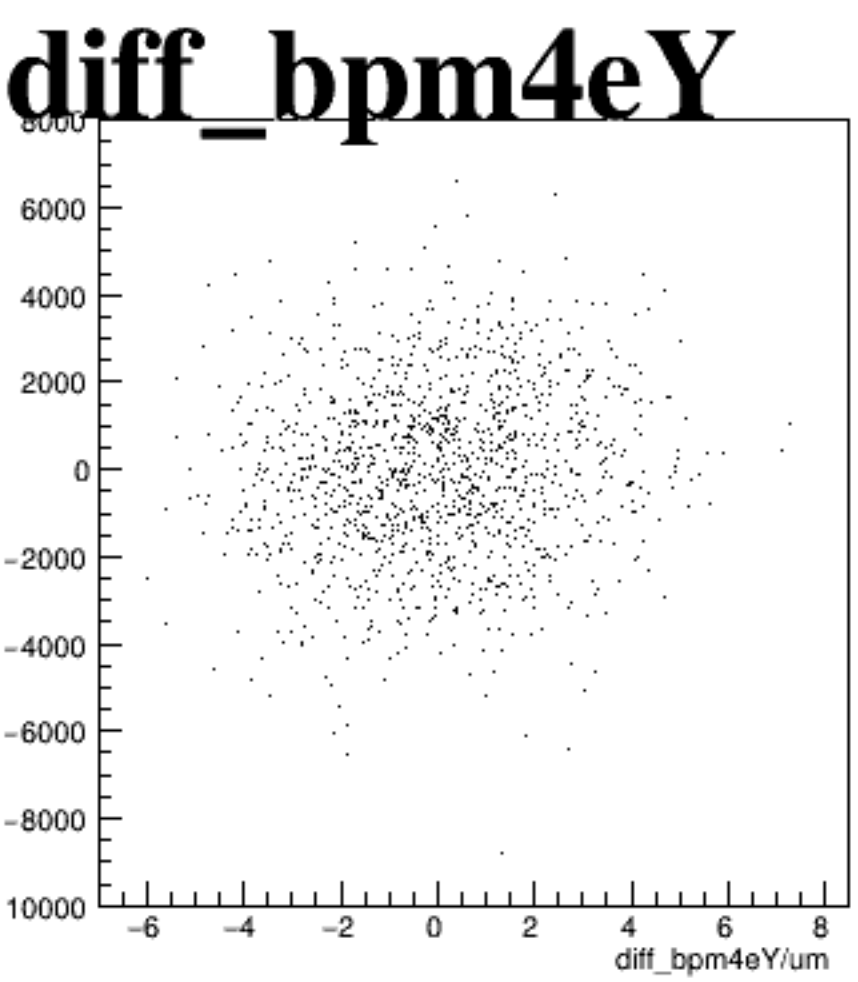
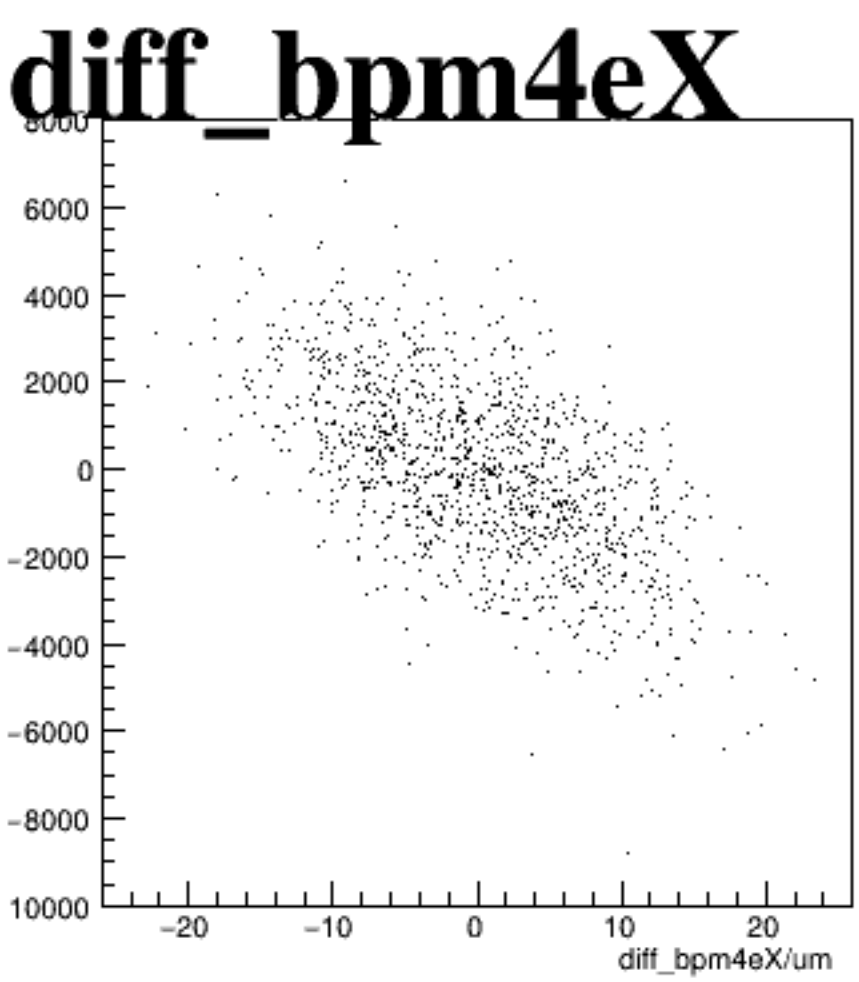
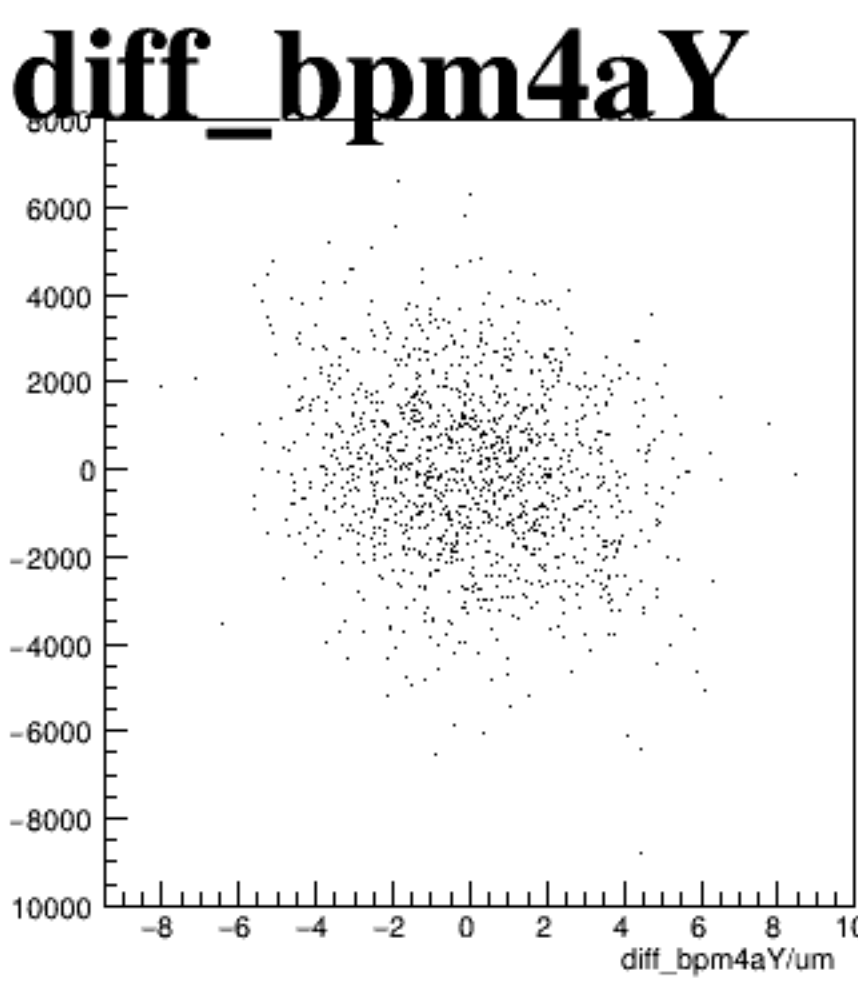
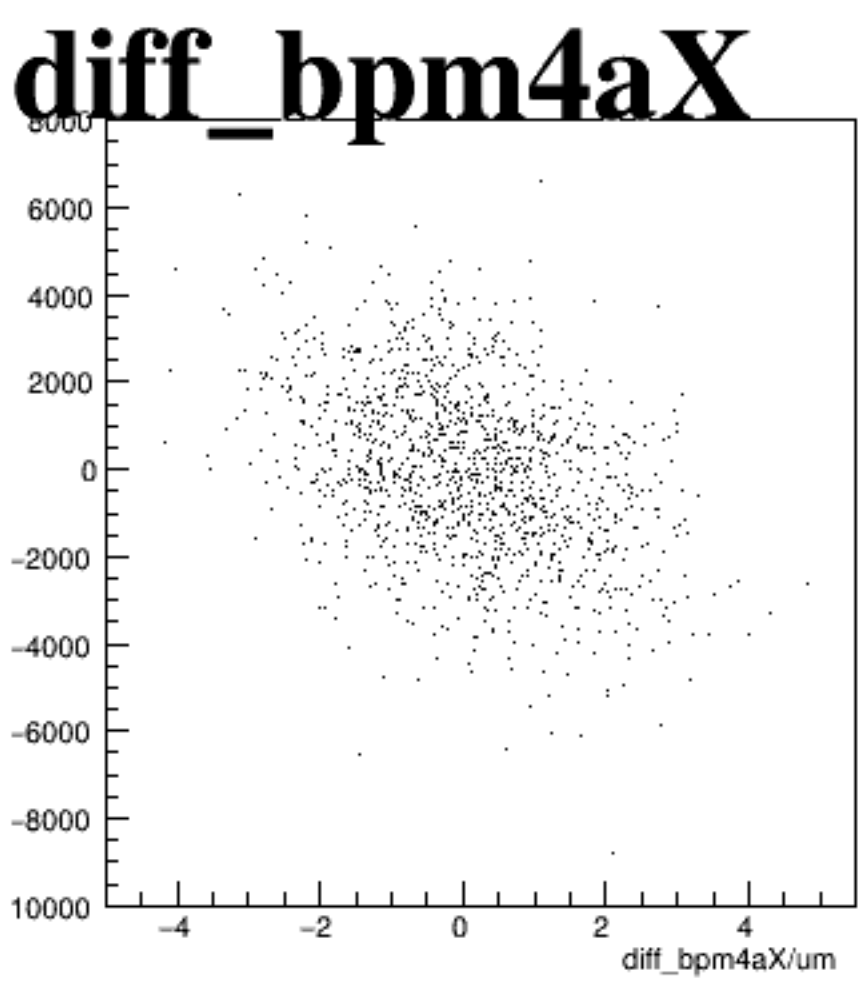
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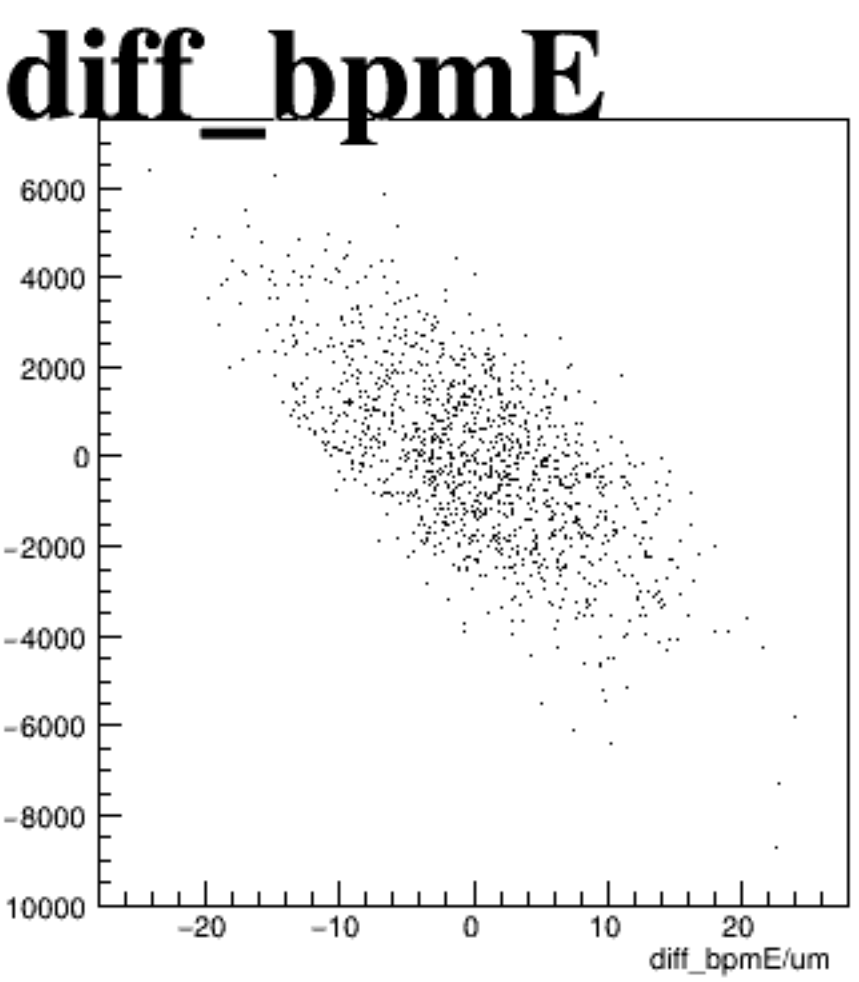
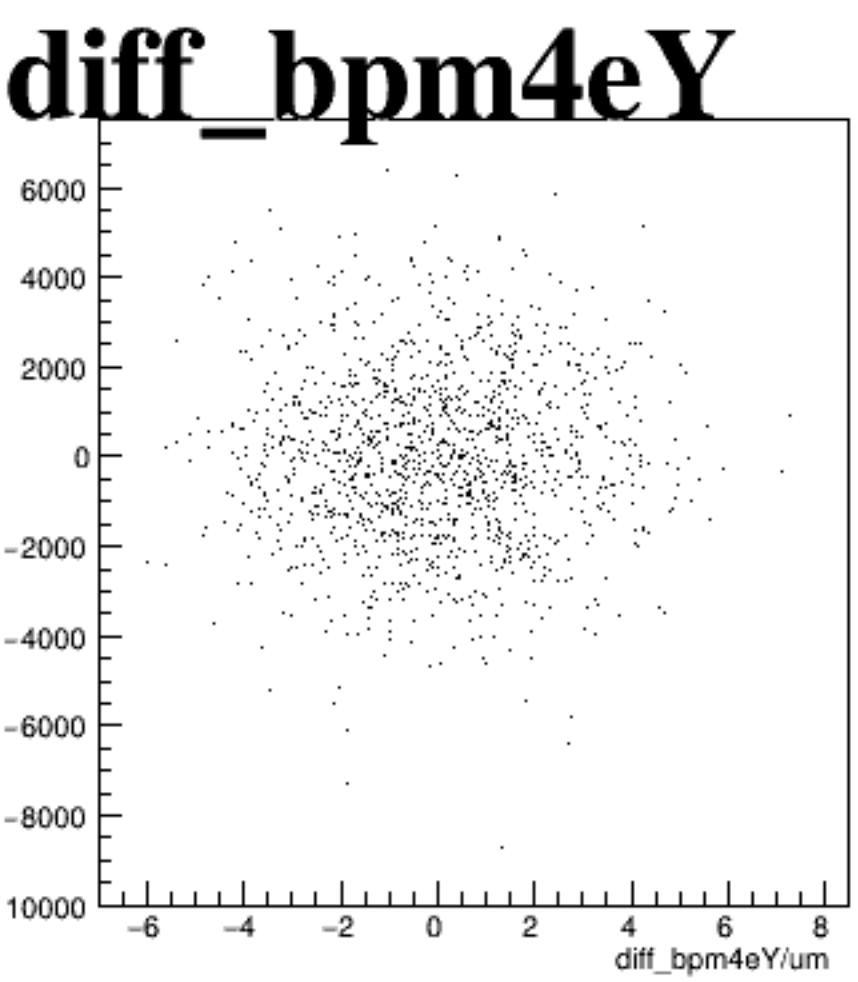
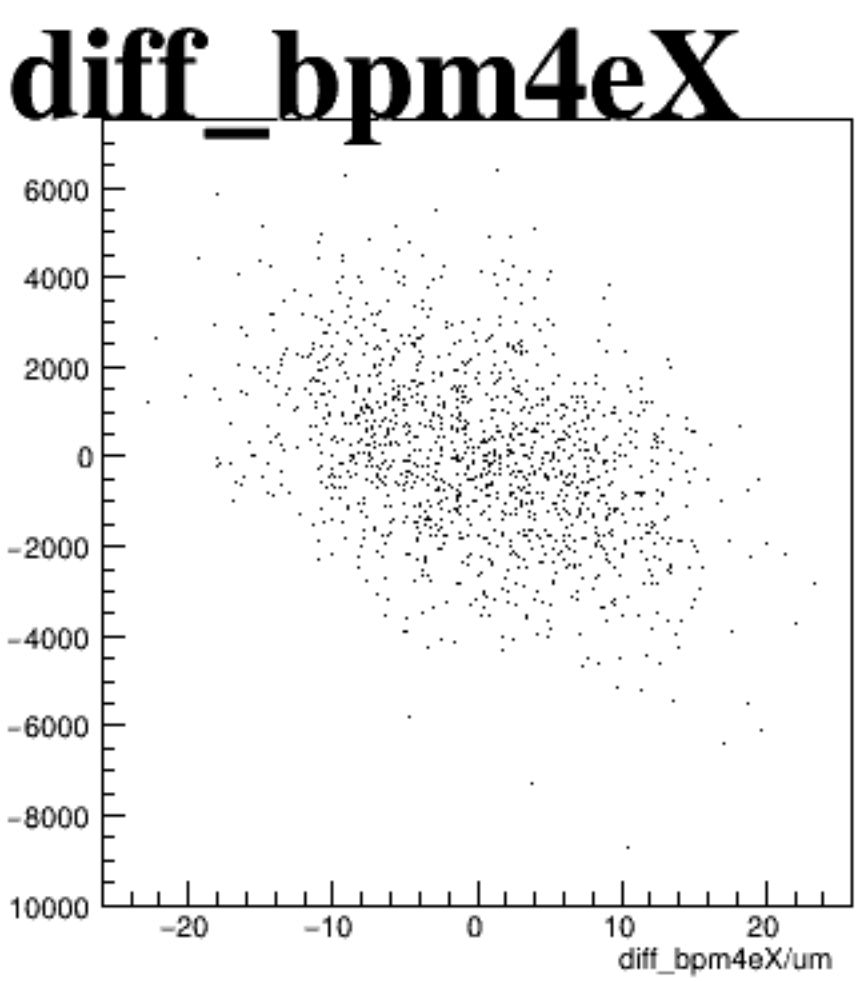
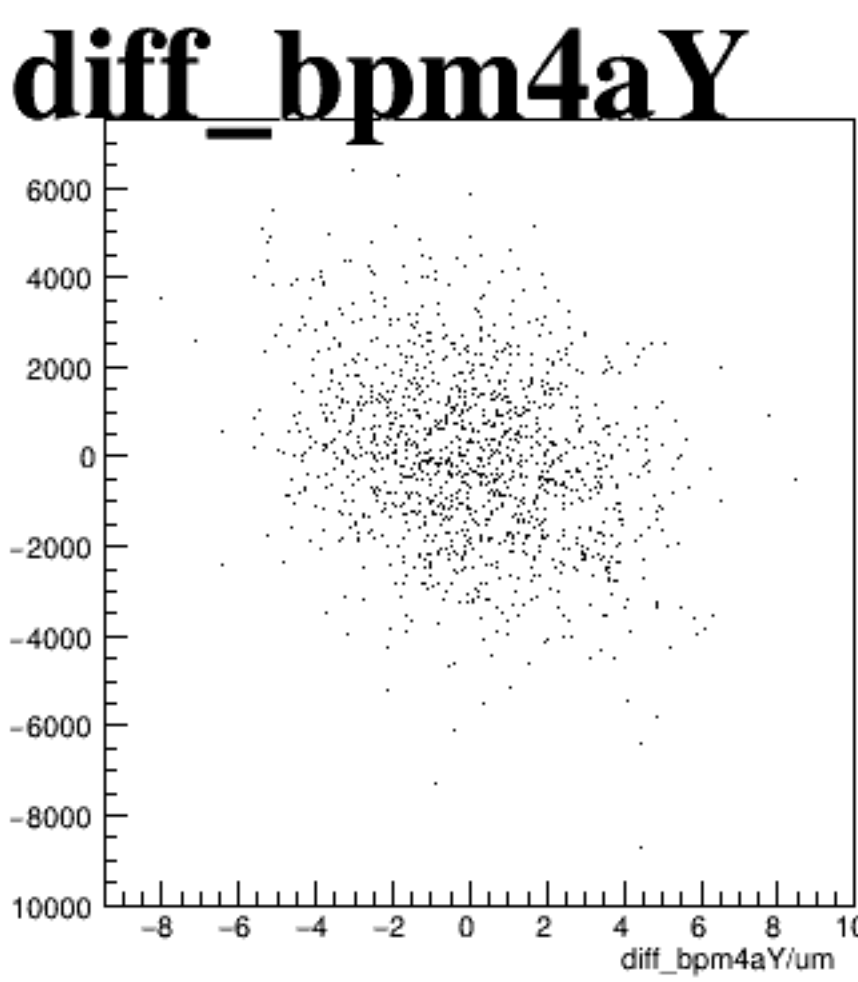
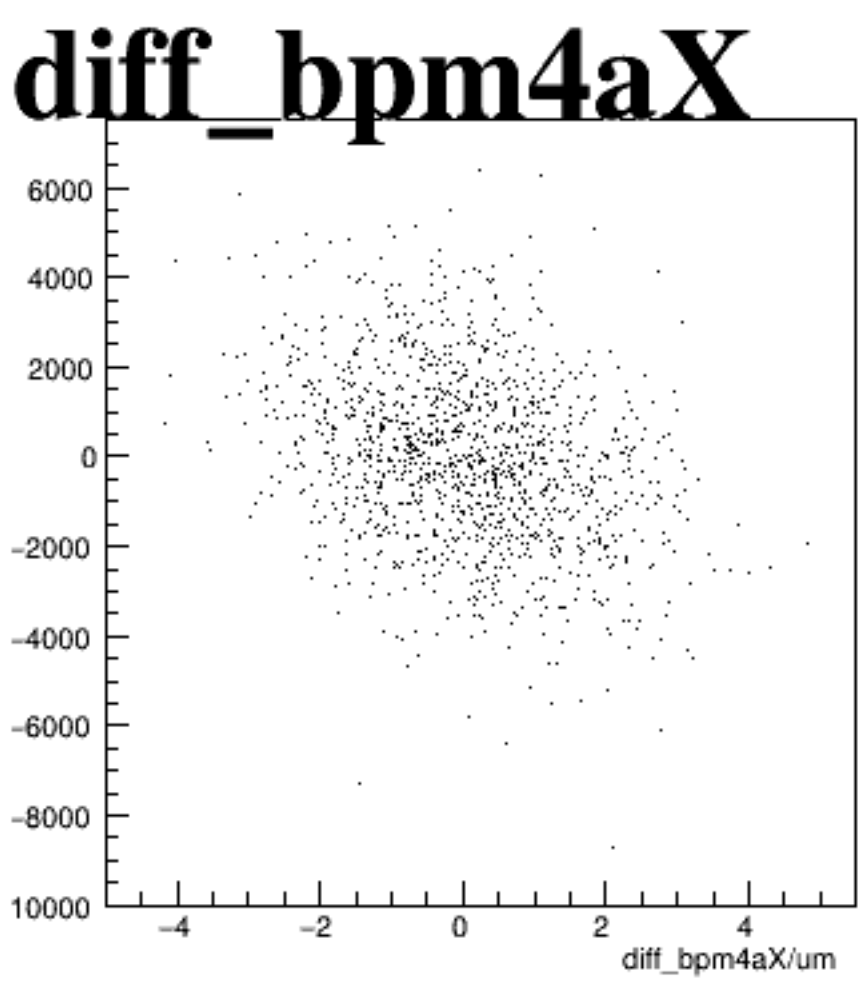
asym\_atl1



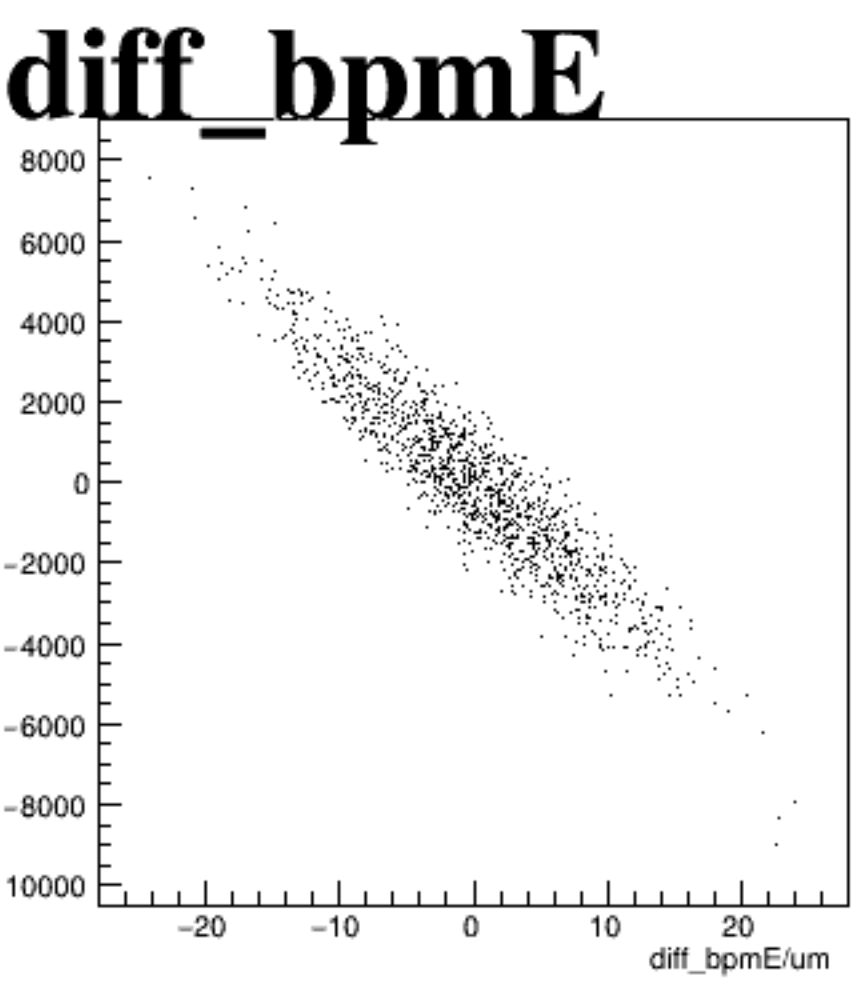
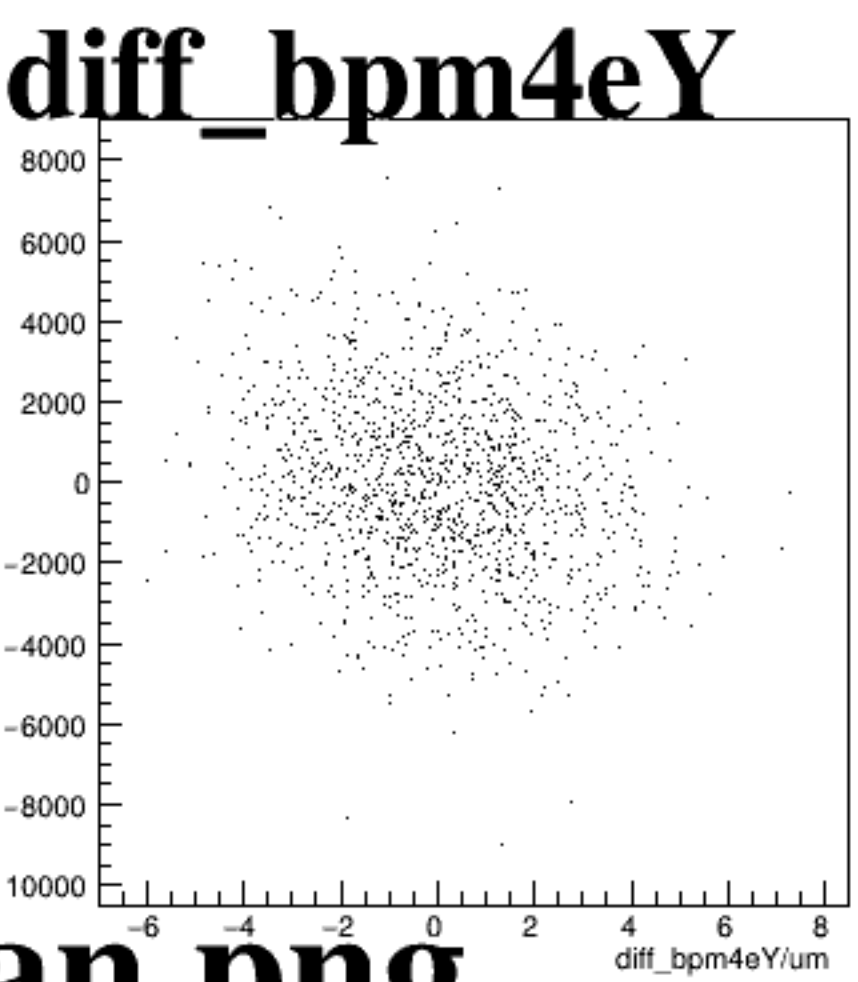
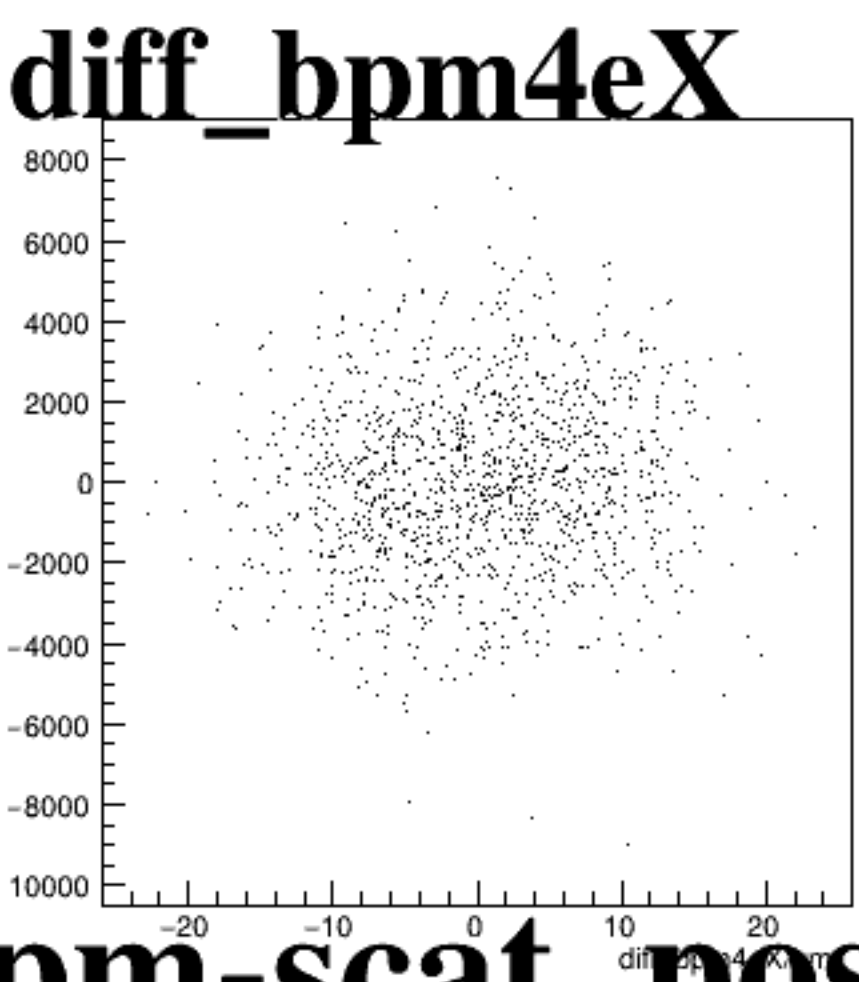
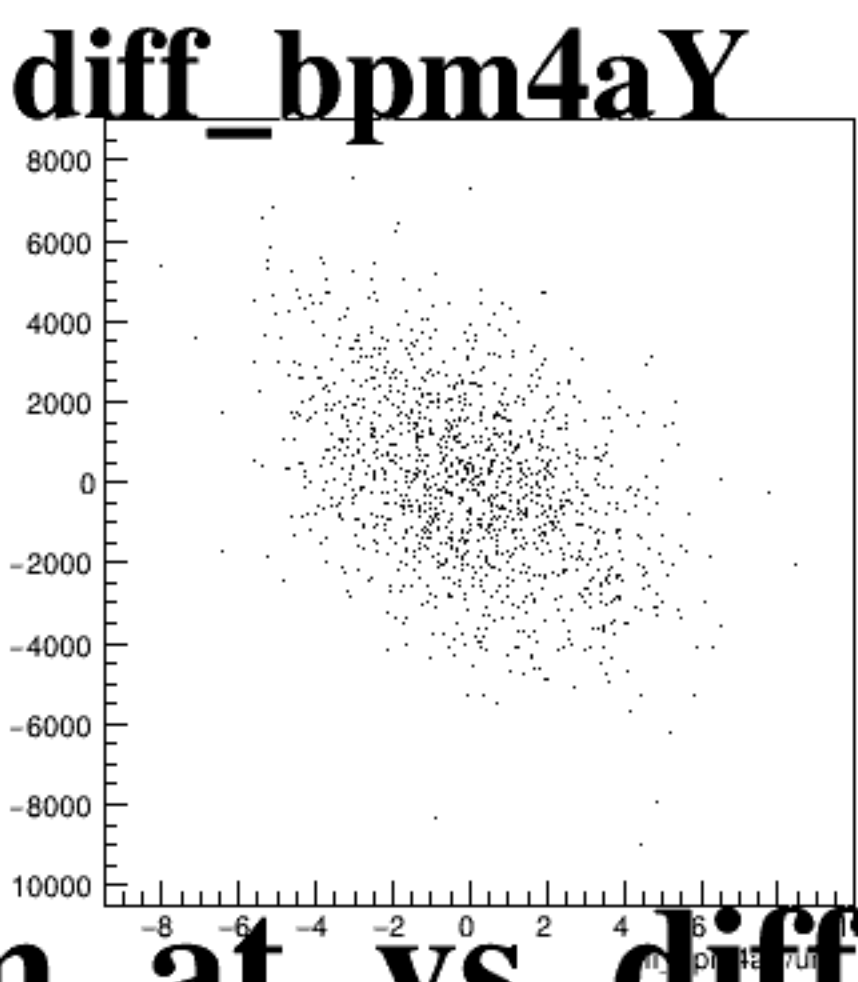
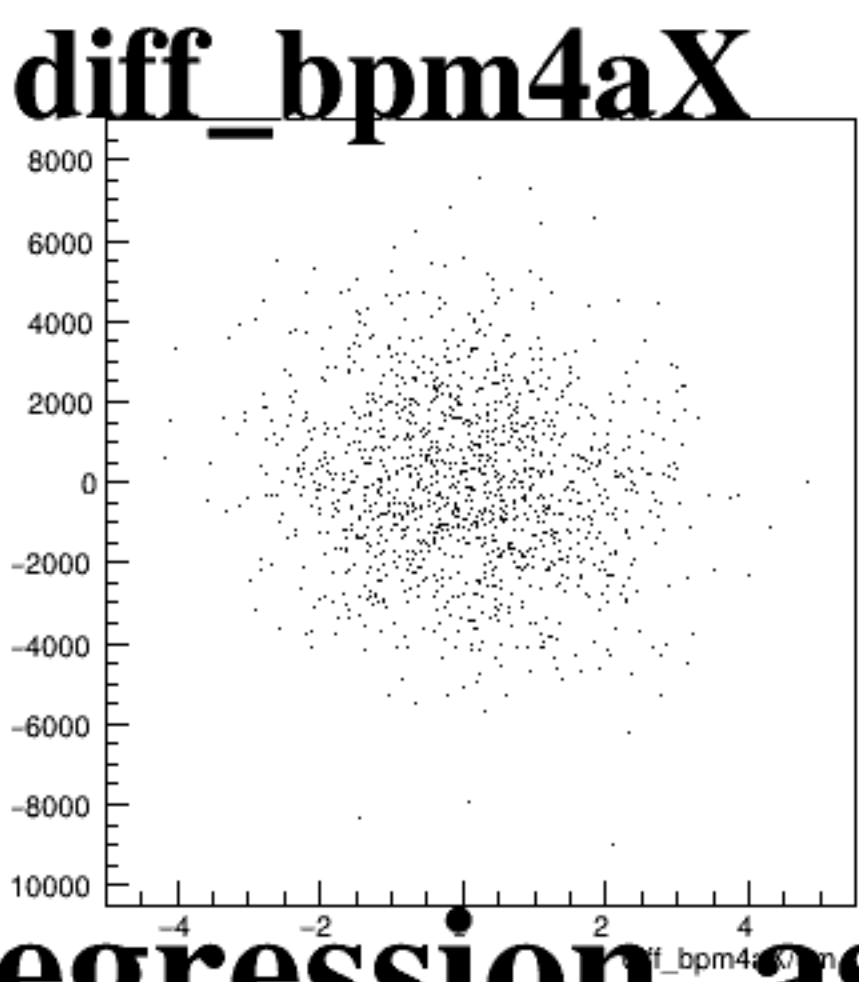
asym\_atr1



asym\_atl2



asym\_atr2



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 -4 to 4. The y-axis ranges from -1500 to 1500.
- diff\_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -8 to 10. The y-axis ranges from -1500 to 1500.
- diff\_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -20 to 20. The y-axis ranges from -1500 to 1500.
- diff\_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -6 to 8. The y-axis ranges from -1500 to 1500.
- diff\_bpmE**: The x-axis is labeled `diff_bpmE/um` and ranges from -20 to 20. The y-axis ranges from -1500 to 1500.

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 axes are labeled with units of  $\mu\text{m}$ .

The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different variable. All plots share a common y-axis ranging from -1500 to 2000 with major ticks every 500 units. The x-axes represent different variables with varying ranges:

- diff\_bpm4aX**: x-axis ranges from -4 to 4 with major ticks every 2 units.
- diff\_bpm4aY**: x-axis ranges from -8 to 10 with major ticks every 2 units.
- diff\_bpm4eX**: x-axis ranges from -20 to 20 with major ticks every 10 units.
- diff\_bpm4eY**: x-axis ranges from -6 to 8 with major ticks every 2 units.
- diff\_bpmE**: x-axis ranges from -20 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 cloud of points. The density of points is highest near the center and decreases as they move away from the origin.