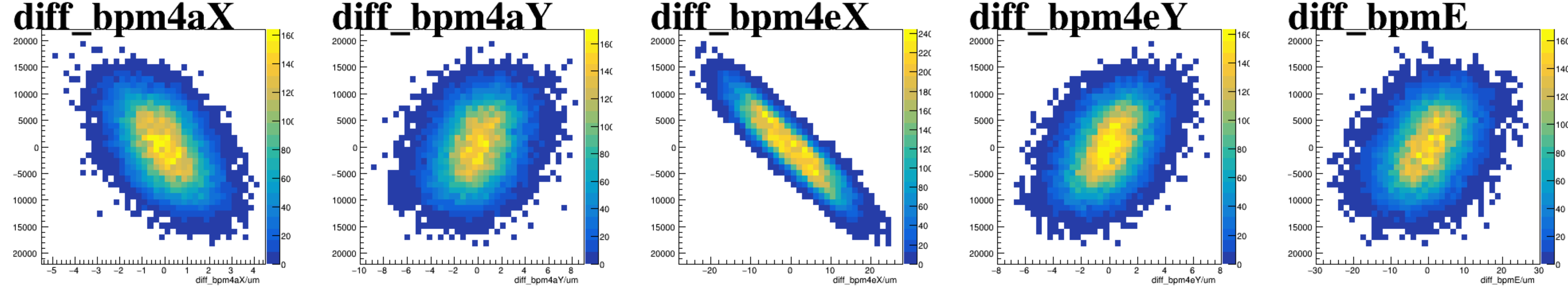
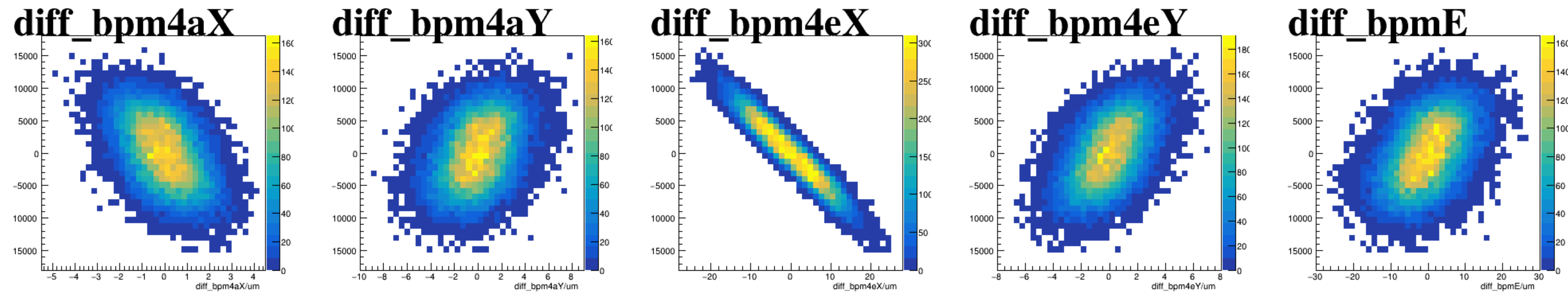


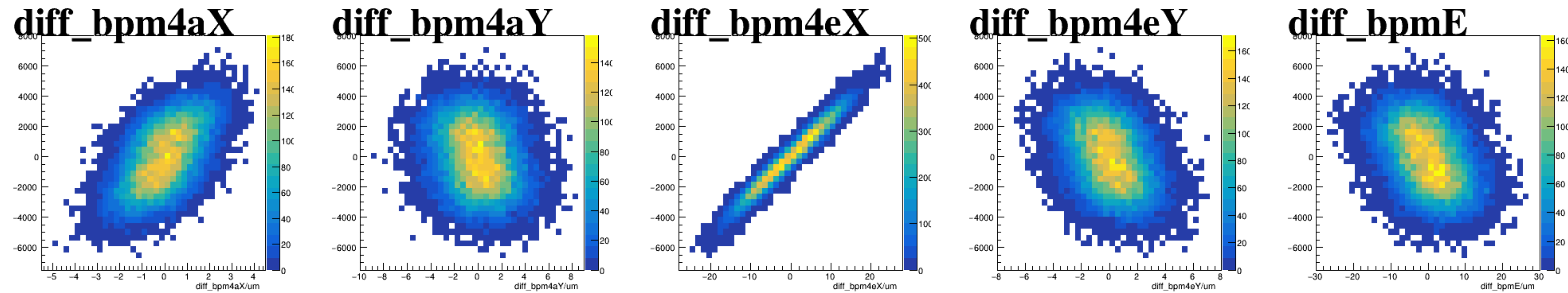
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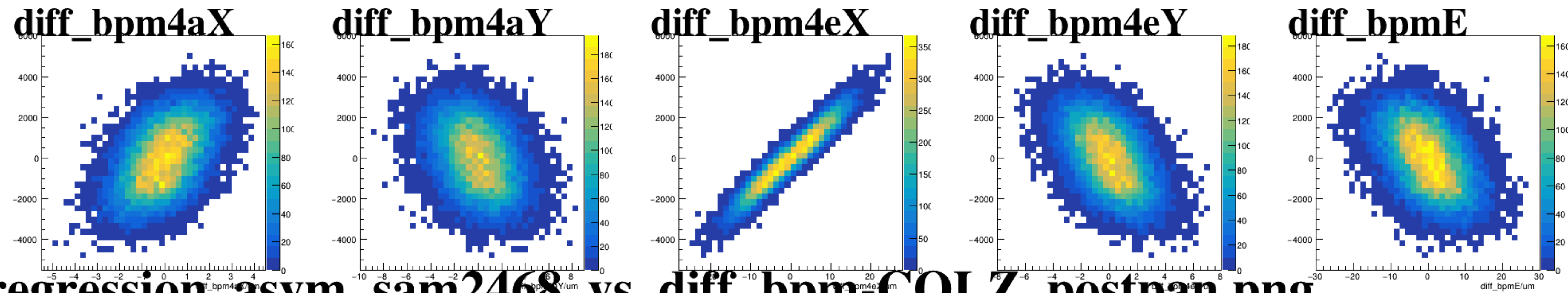
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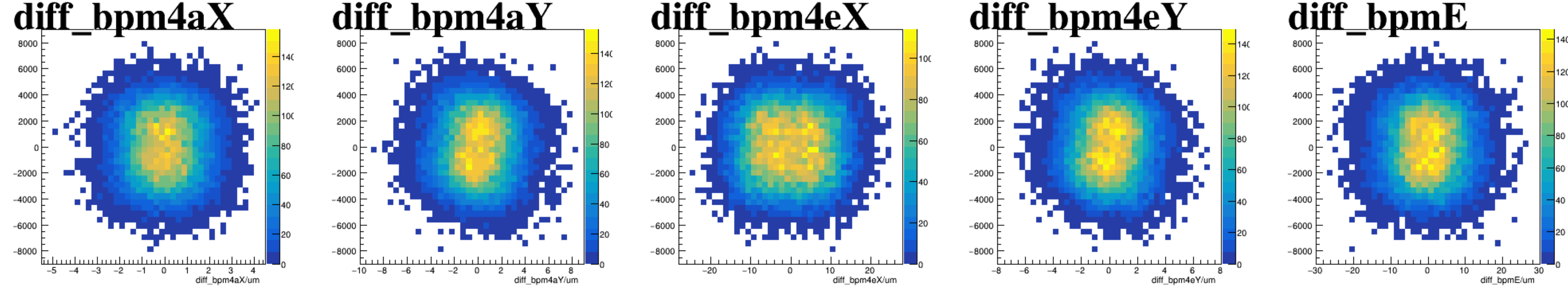
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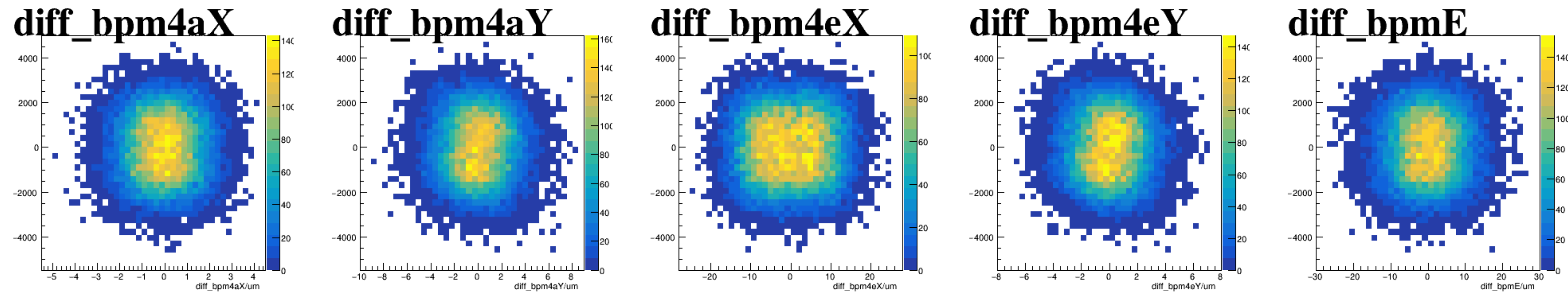
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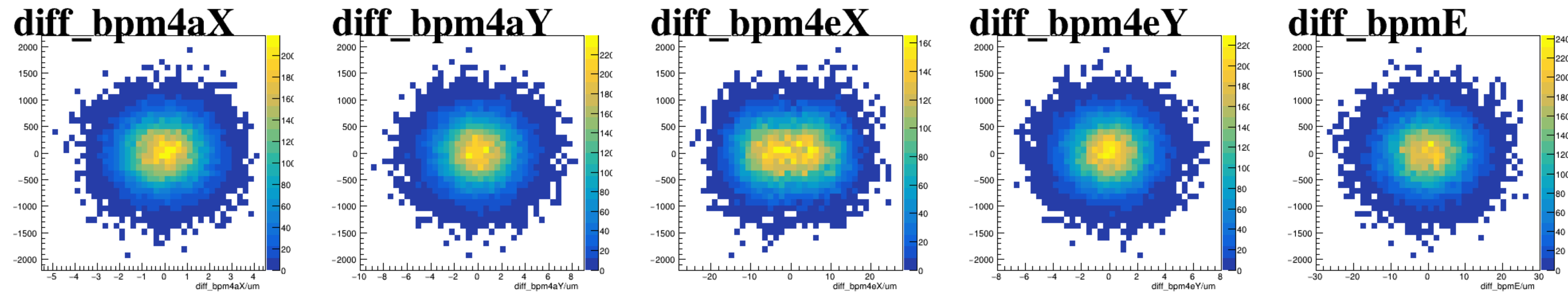
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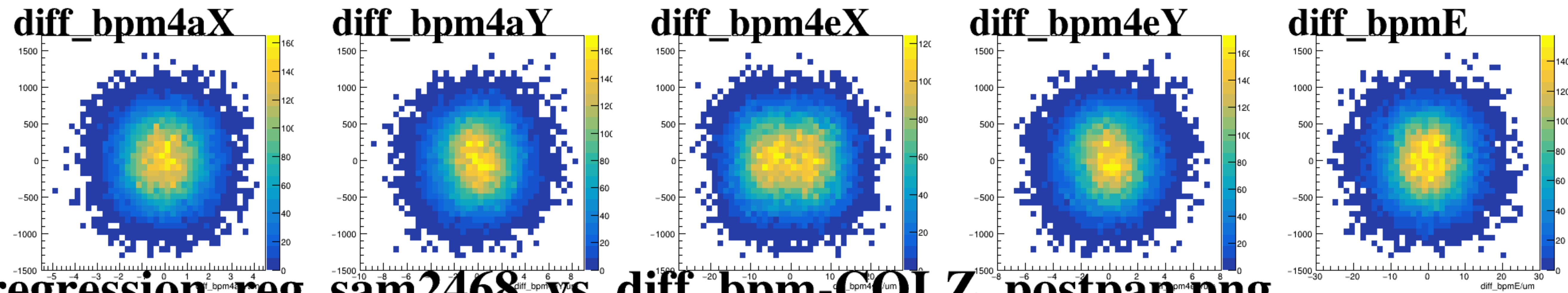
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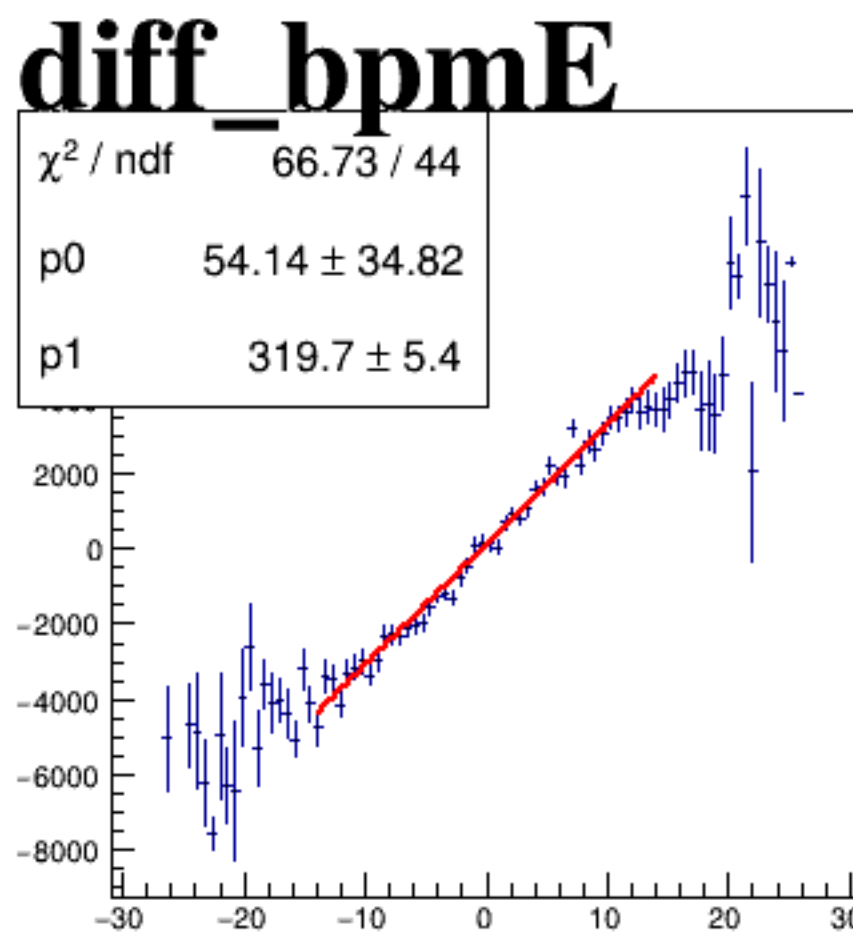
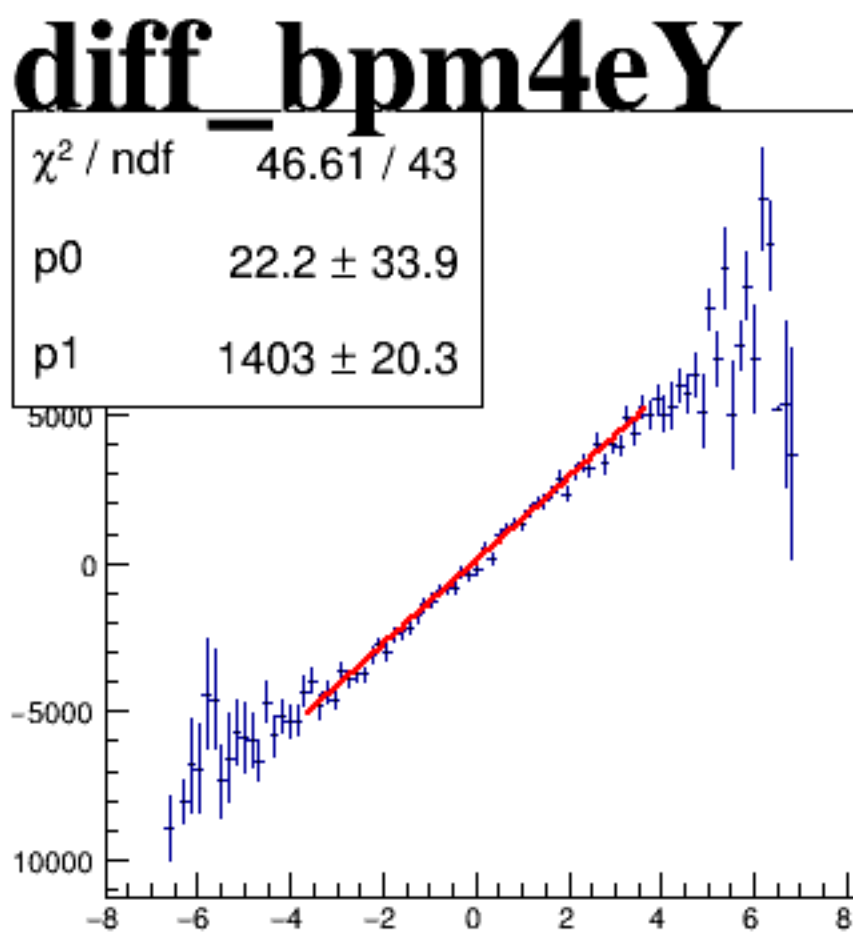
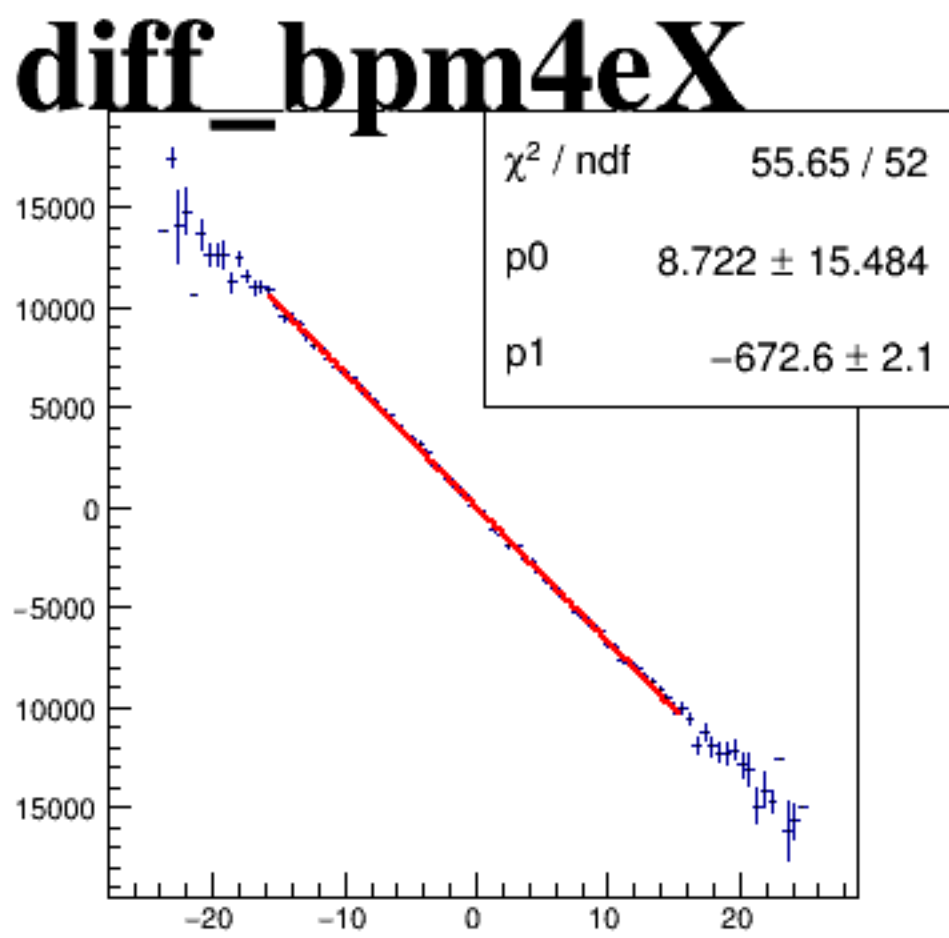
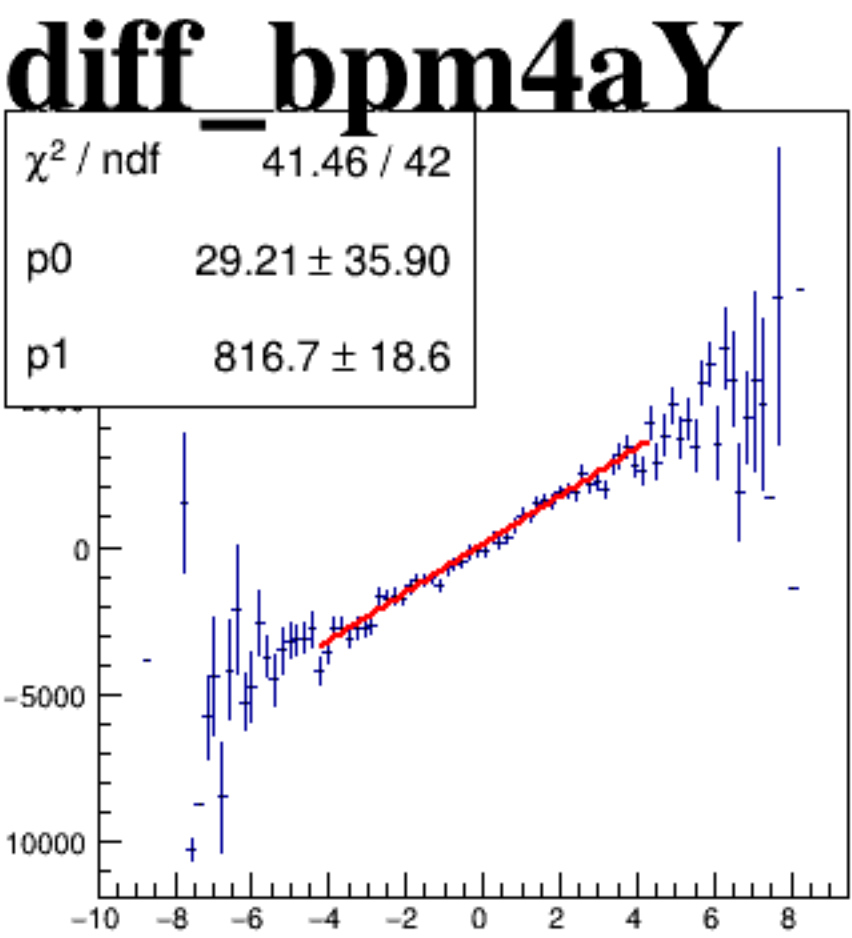
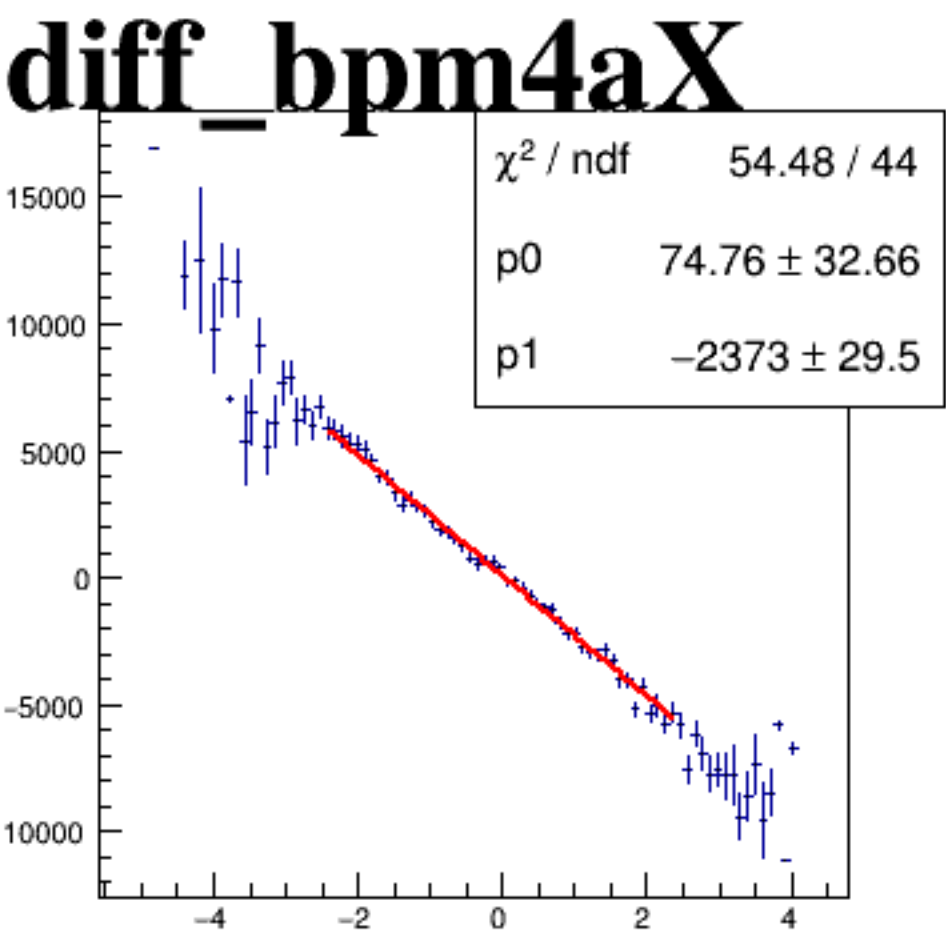
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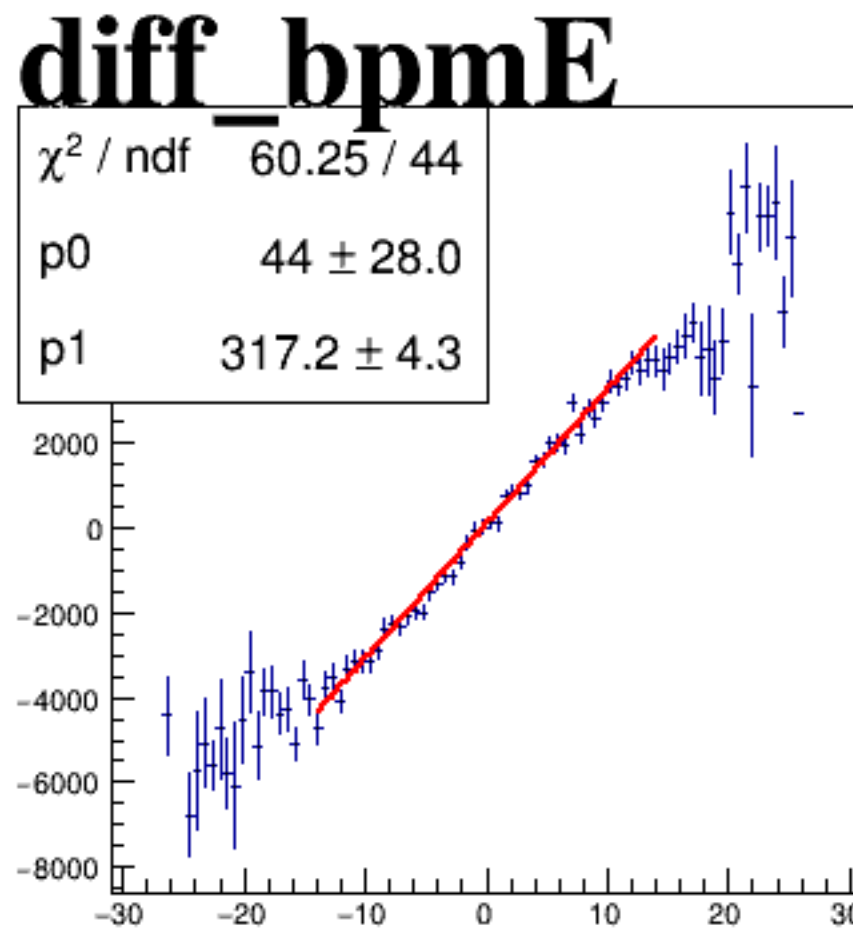
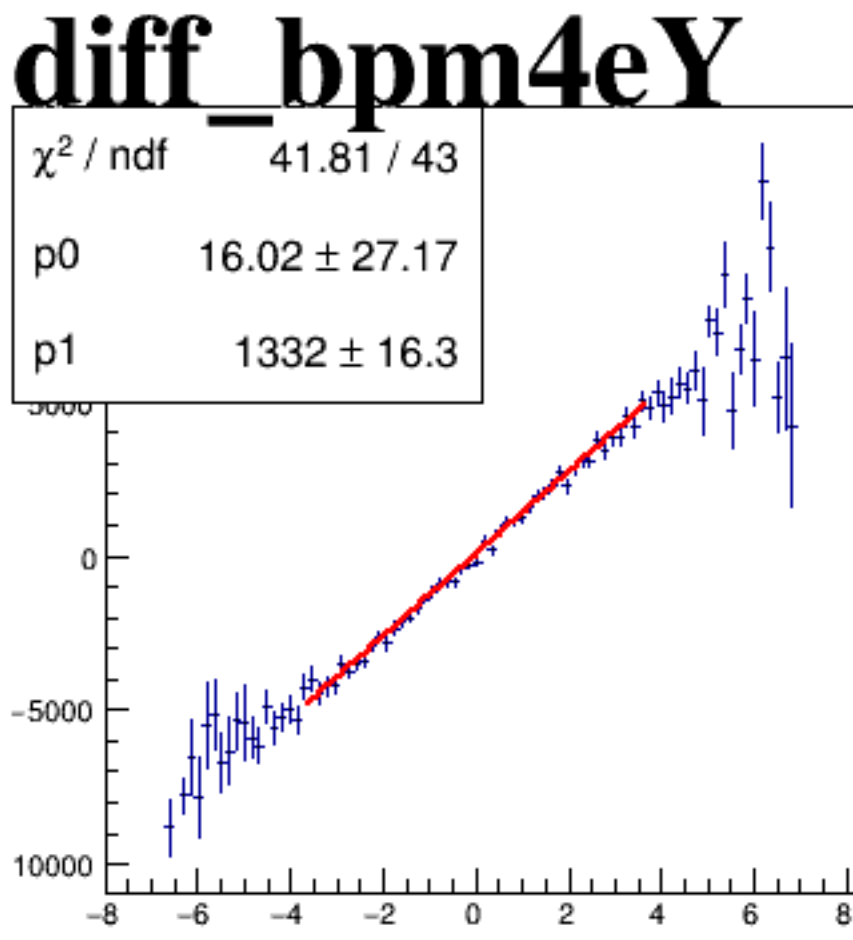
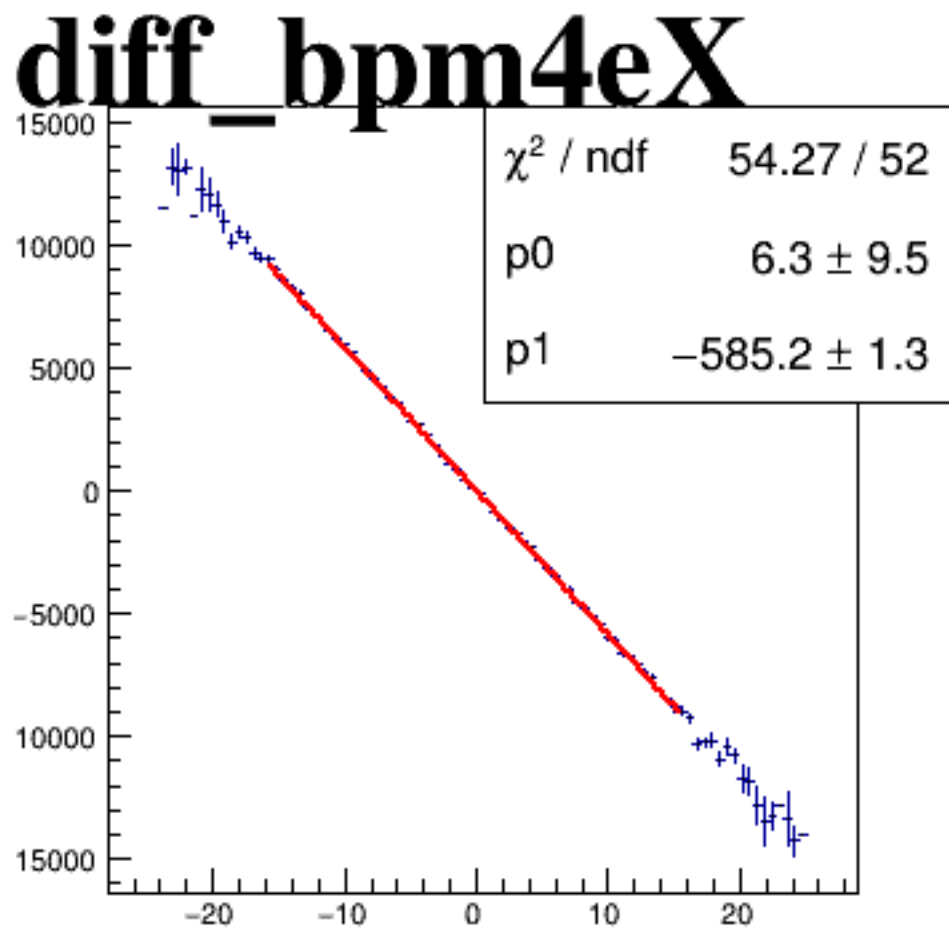
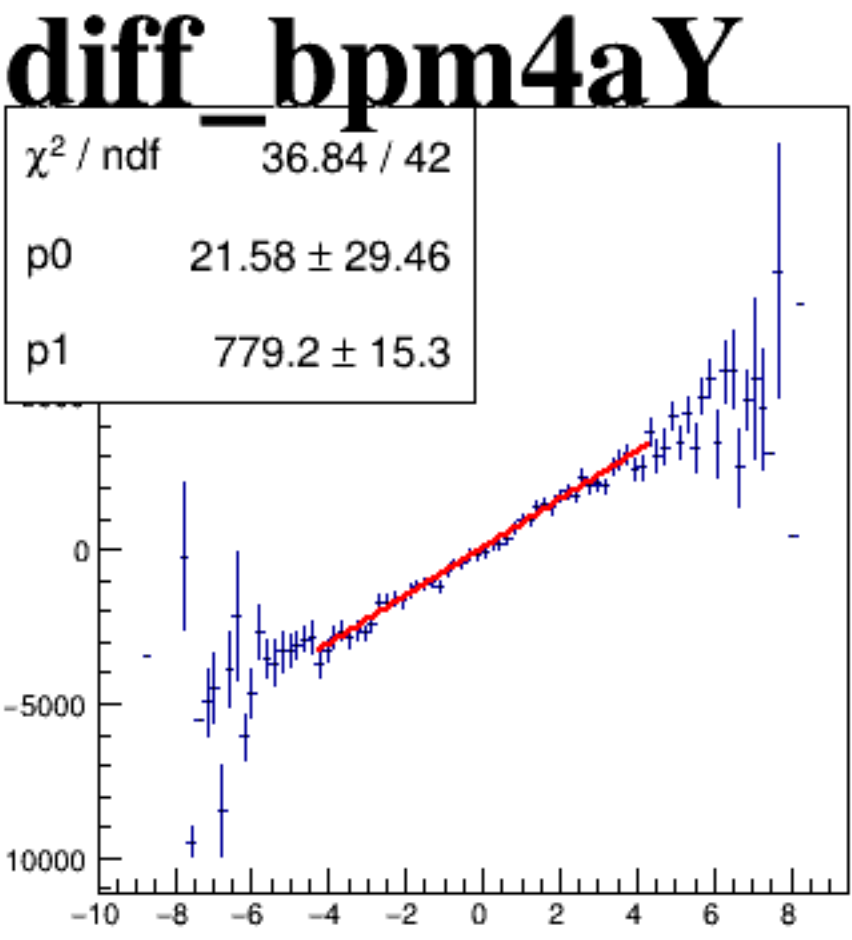
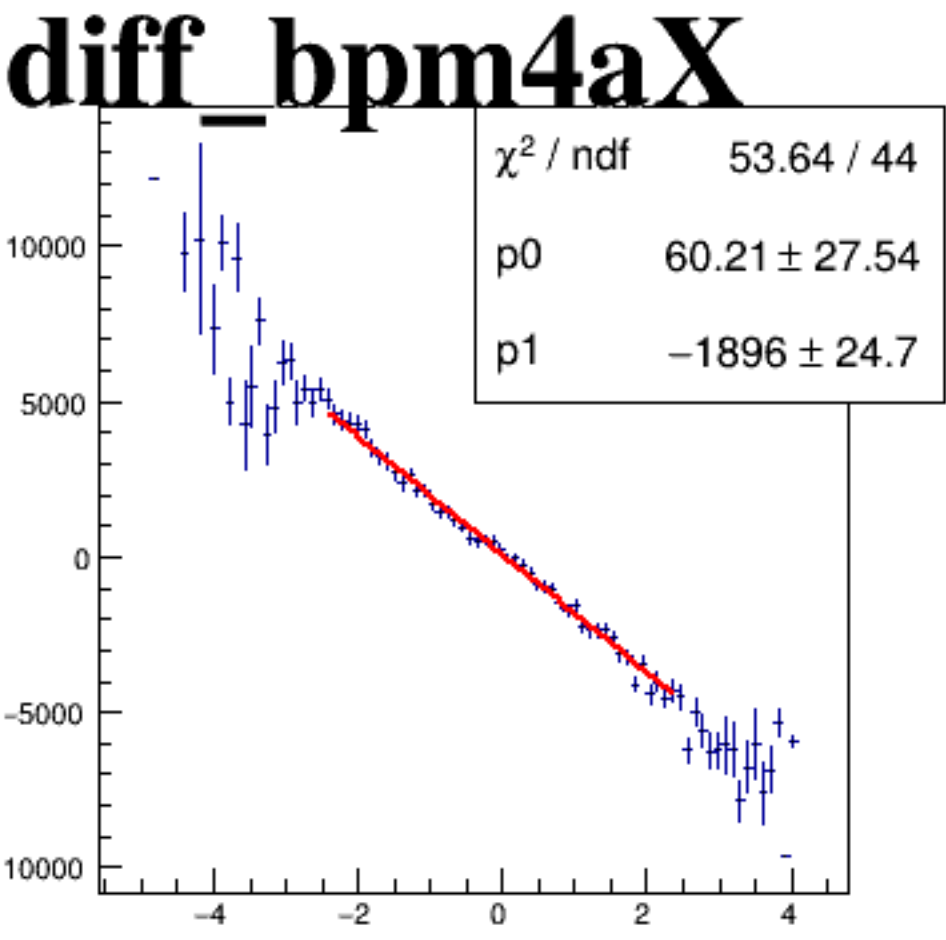
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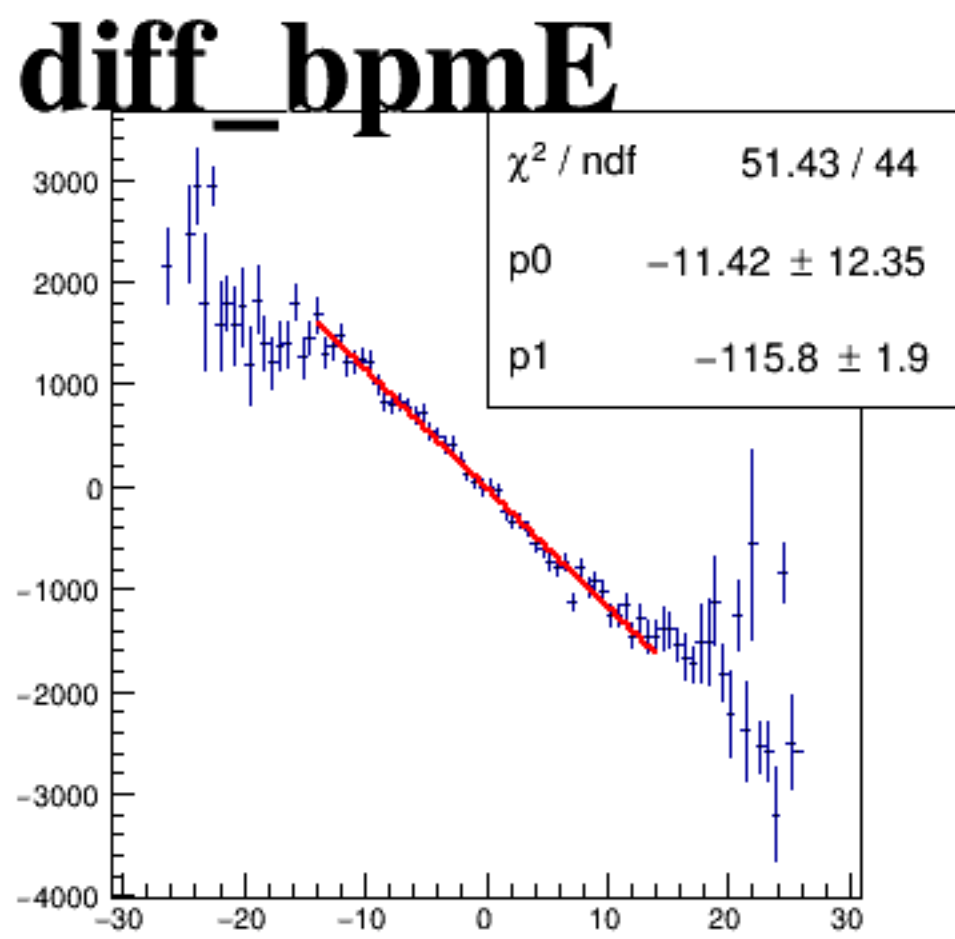
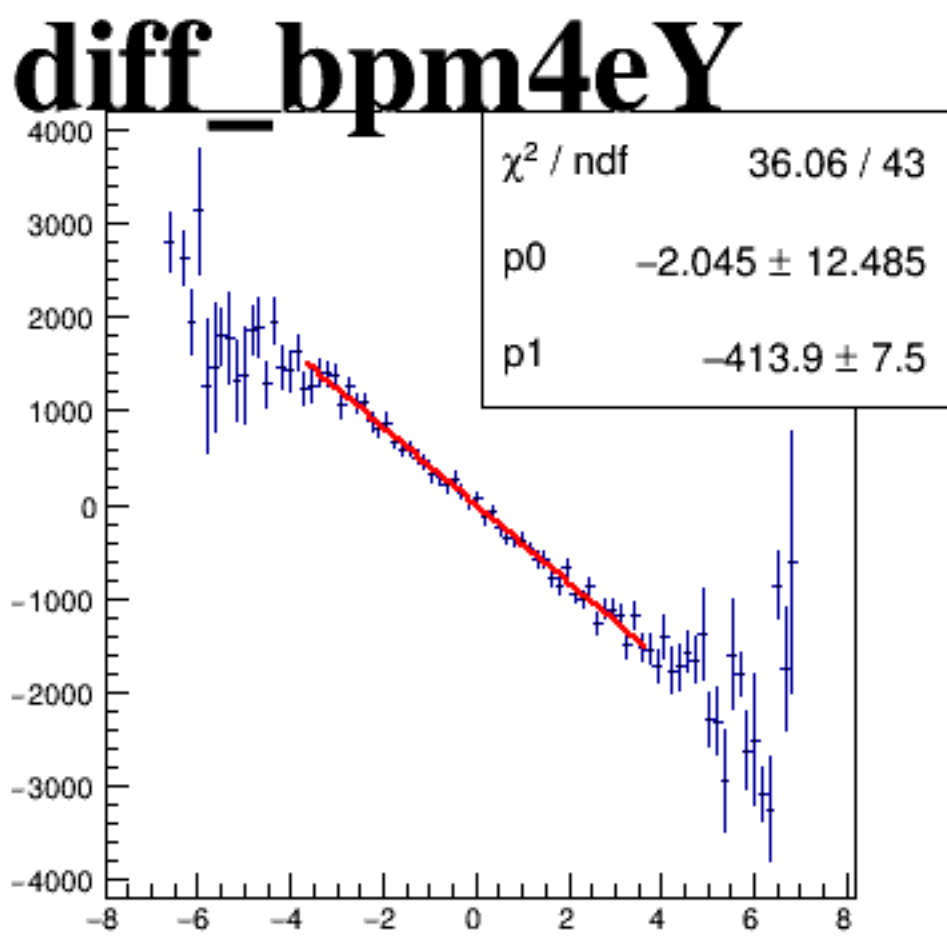
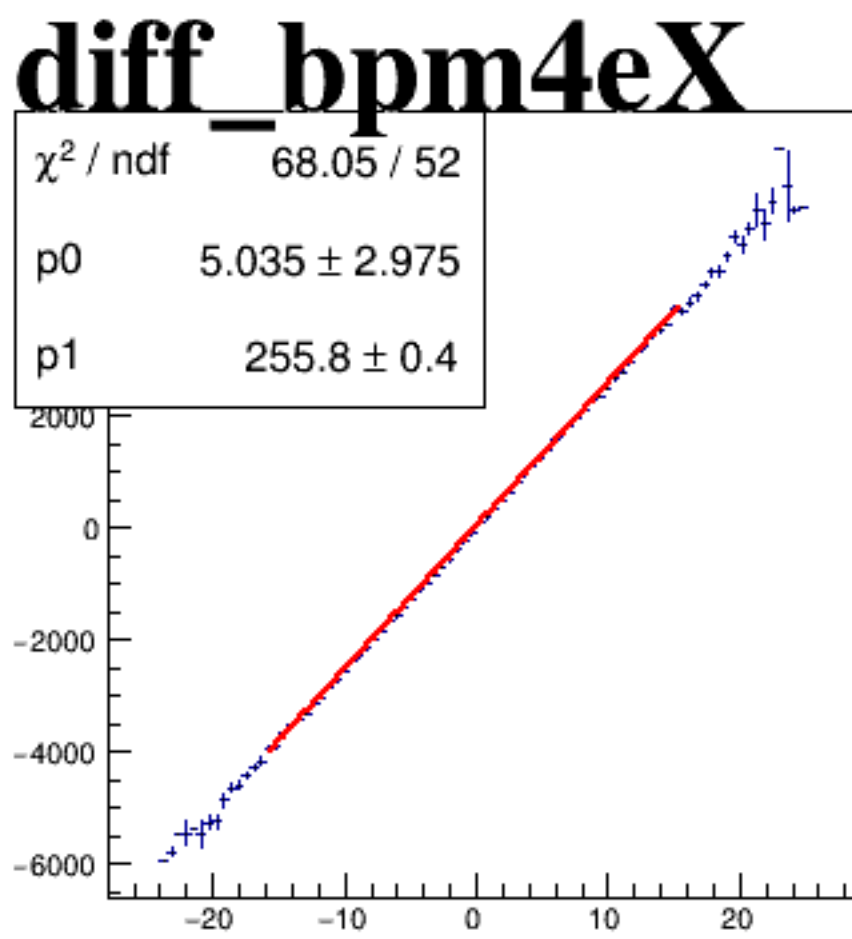
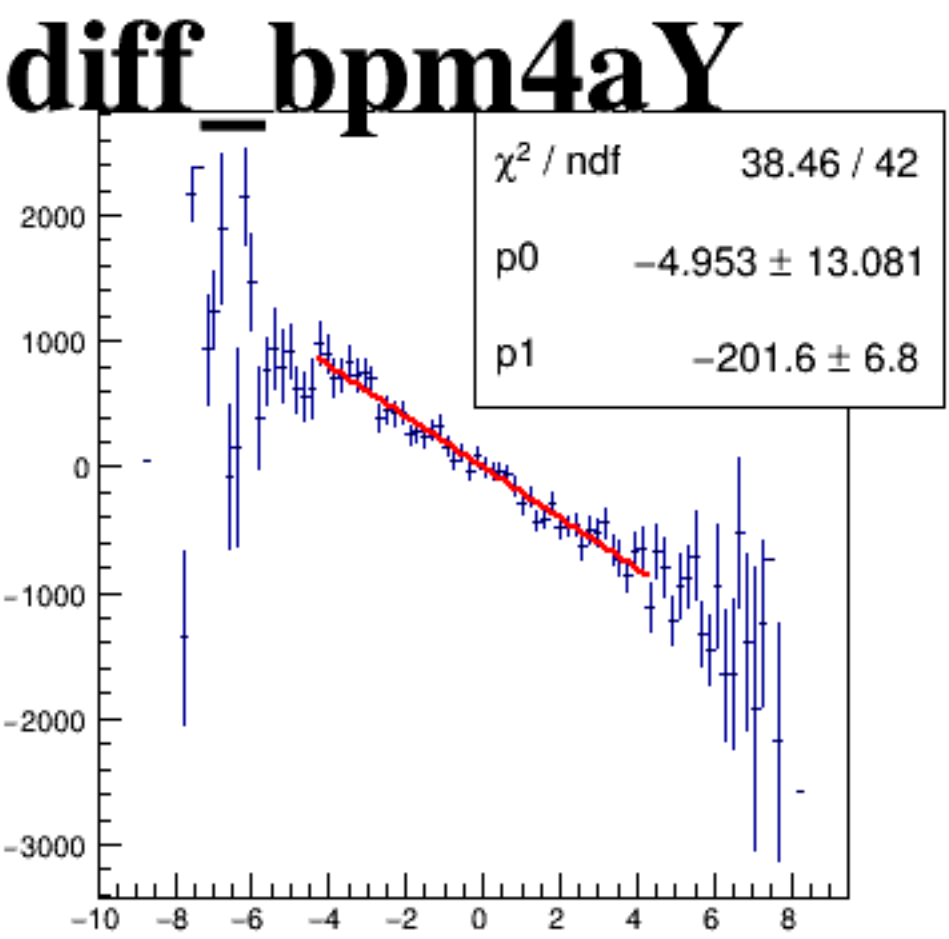
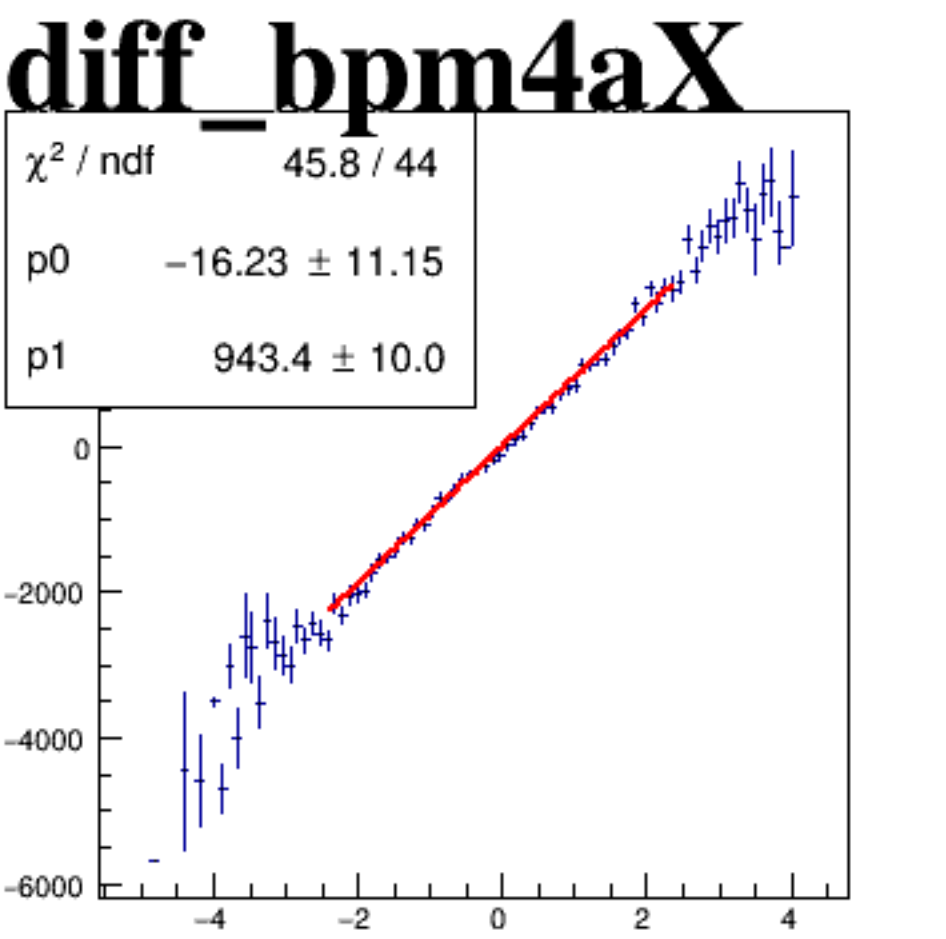
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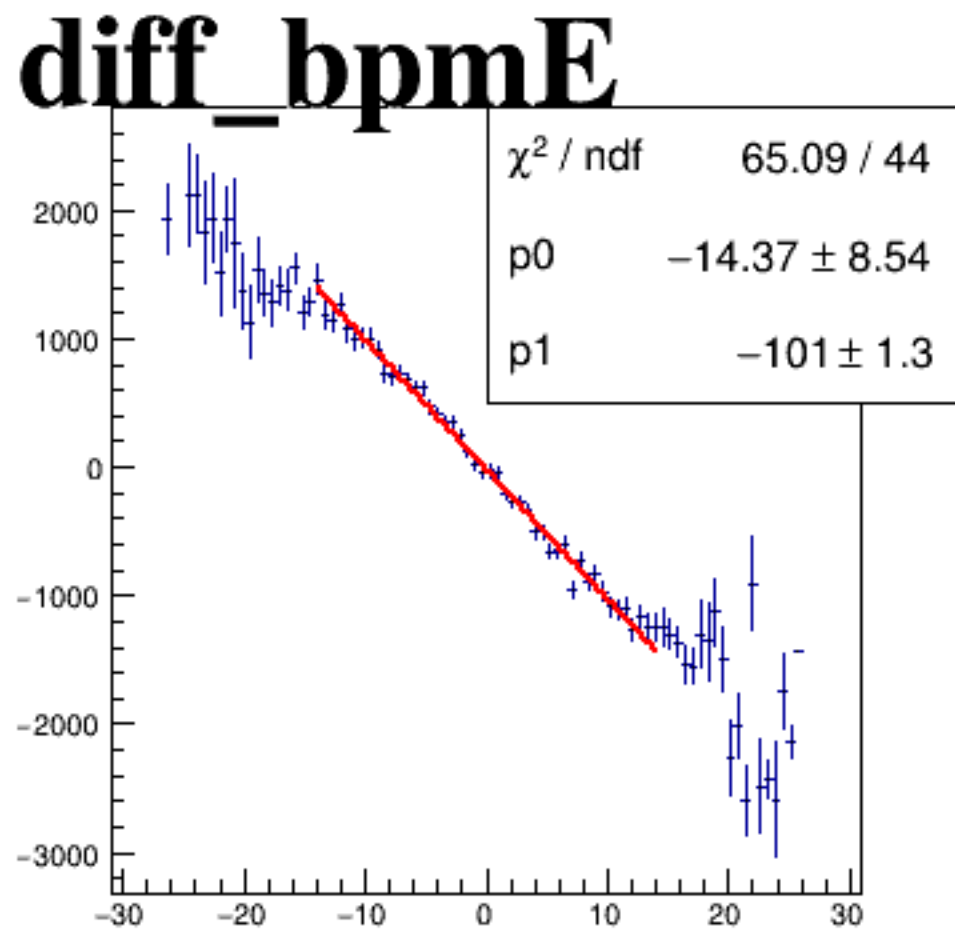
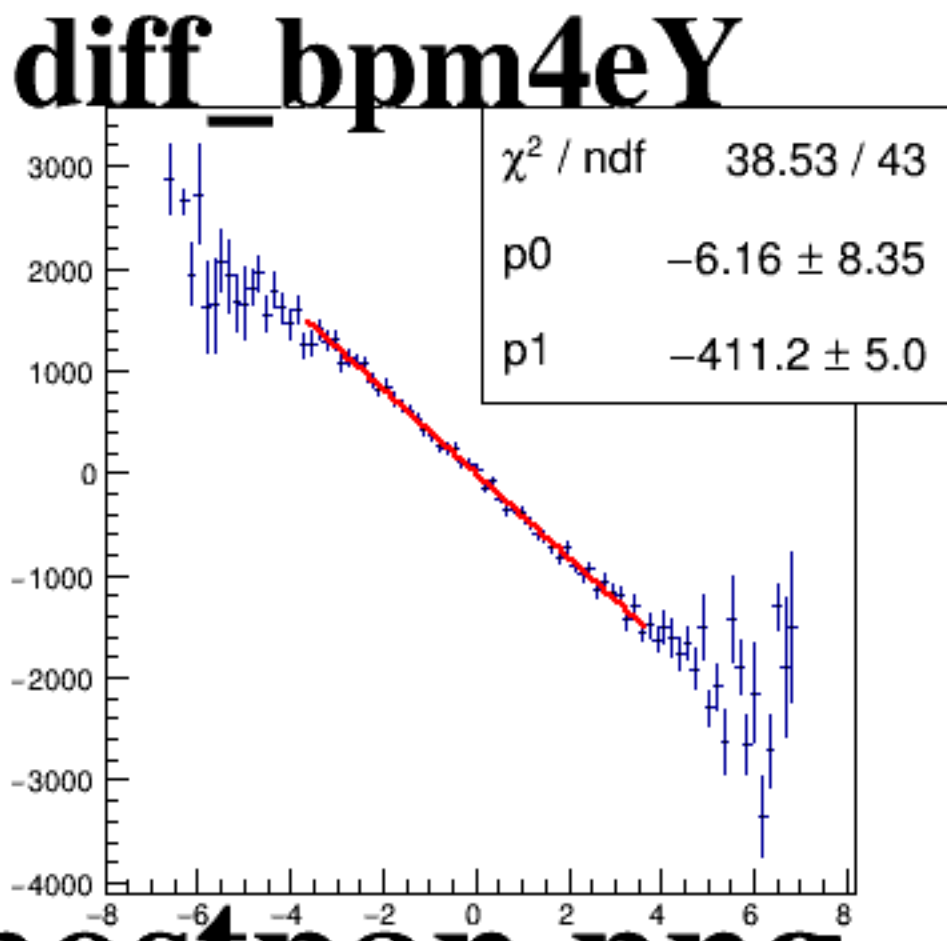
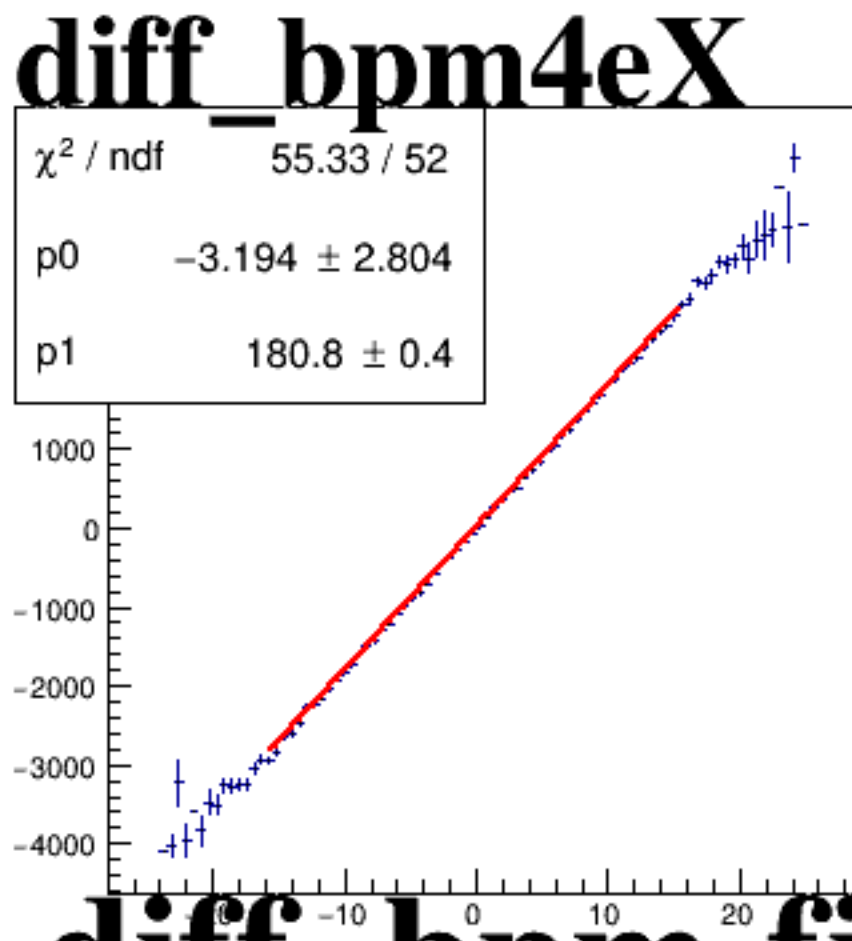
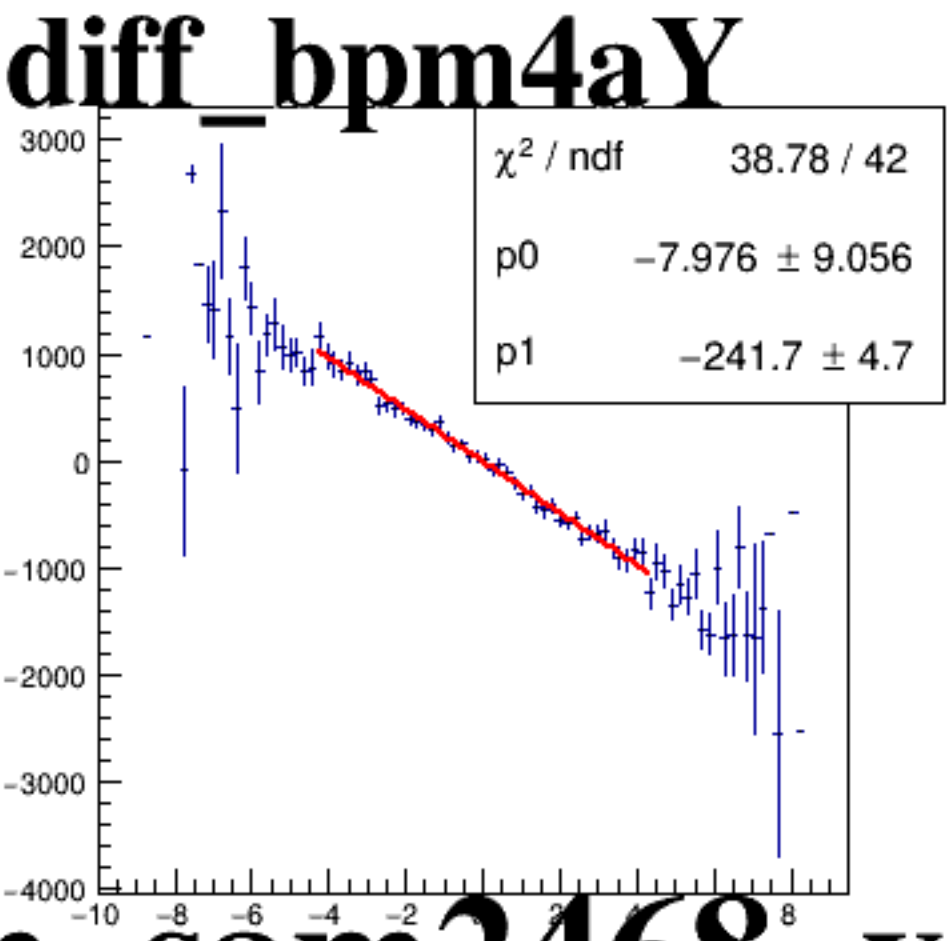
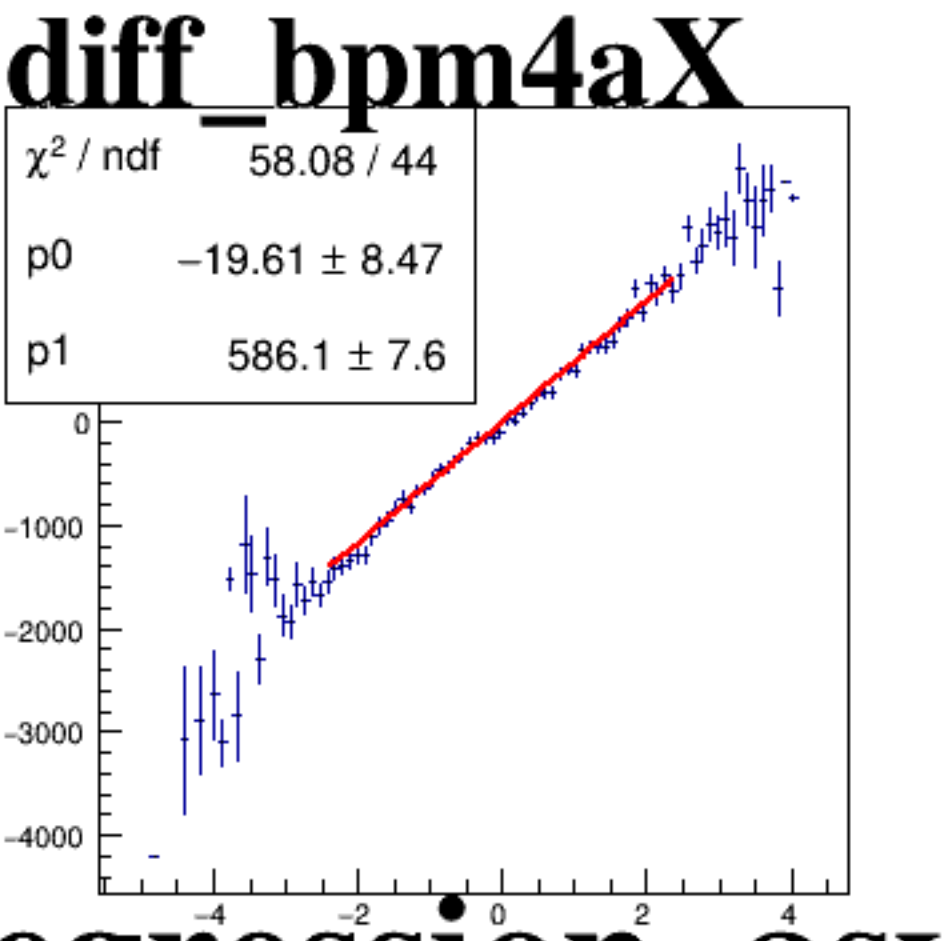
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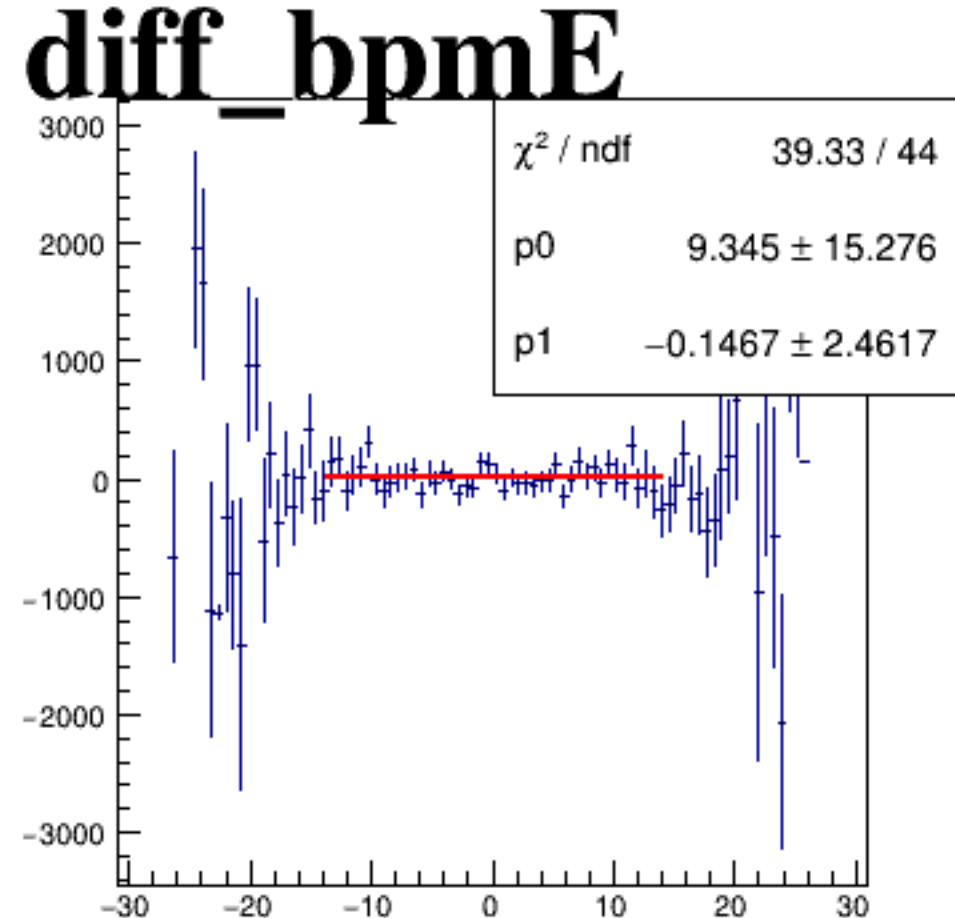
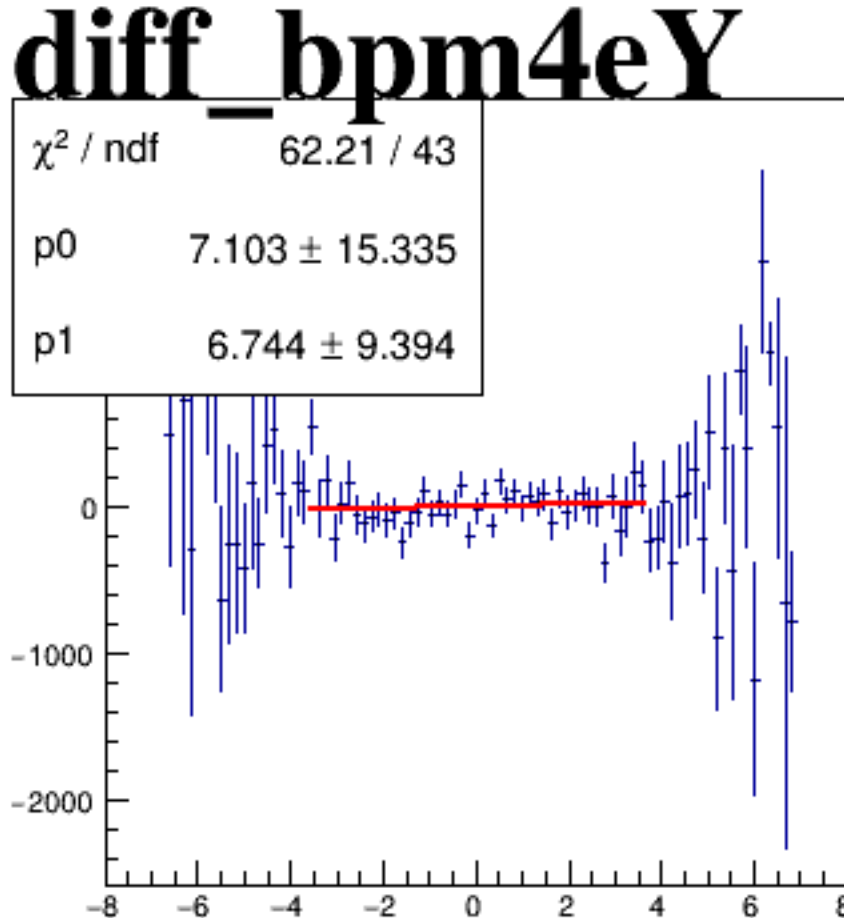
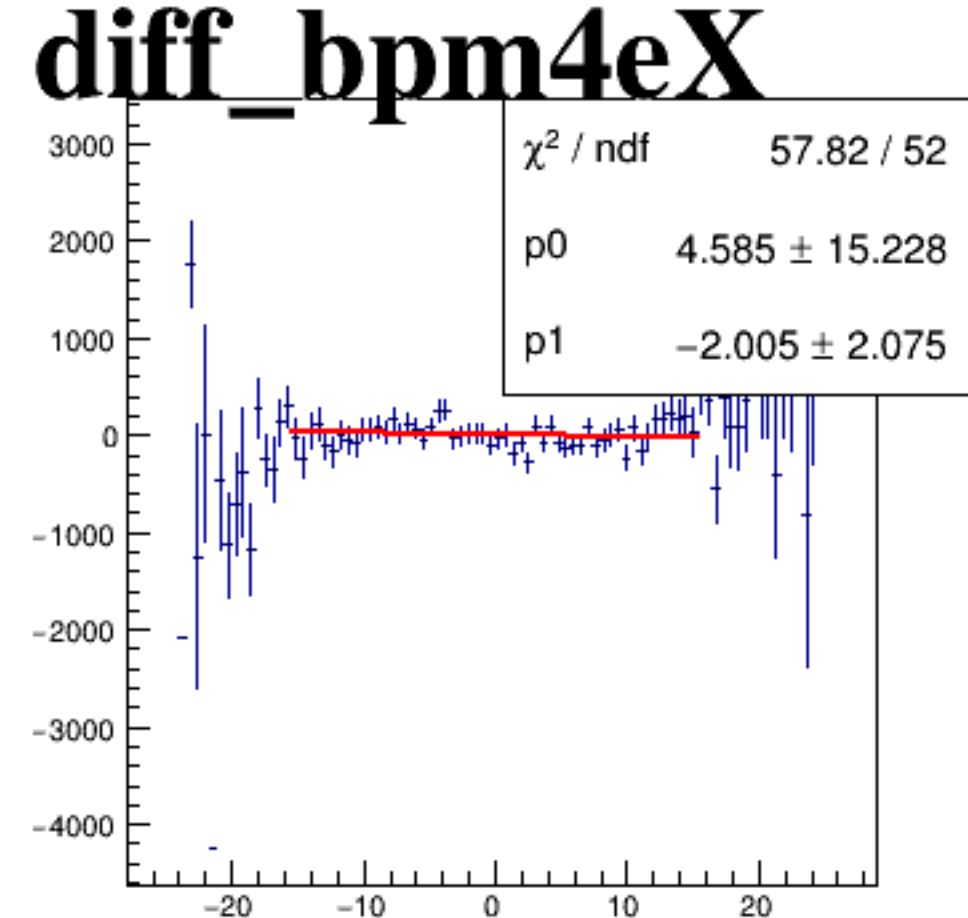
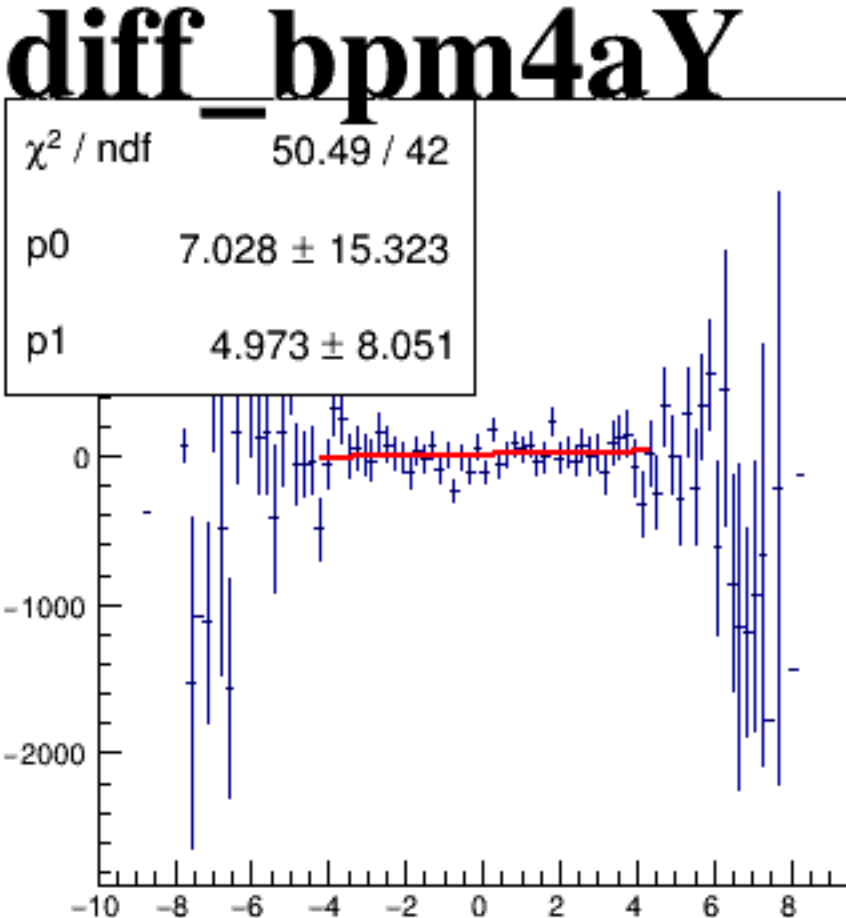
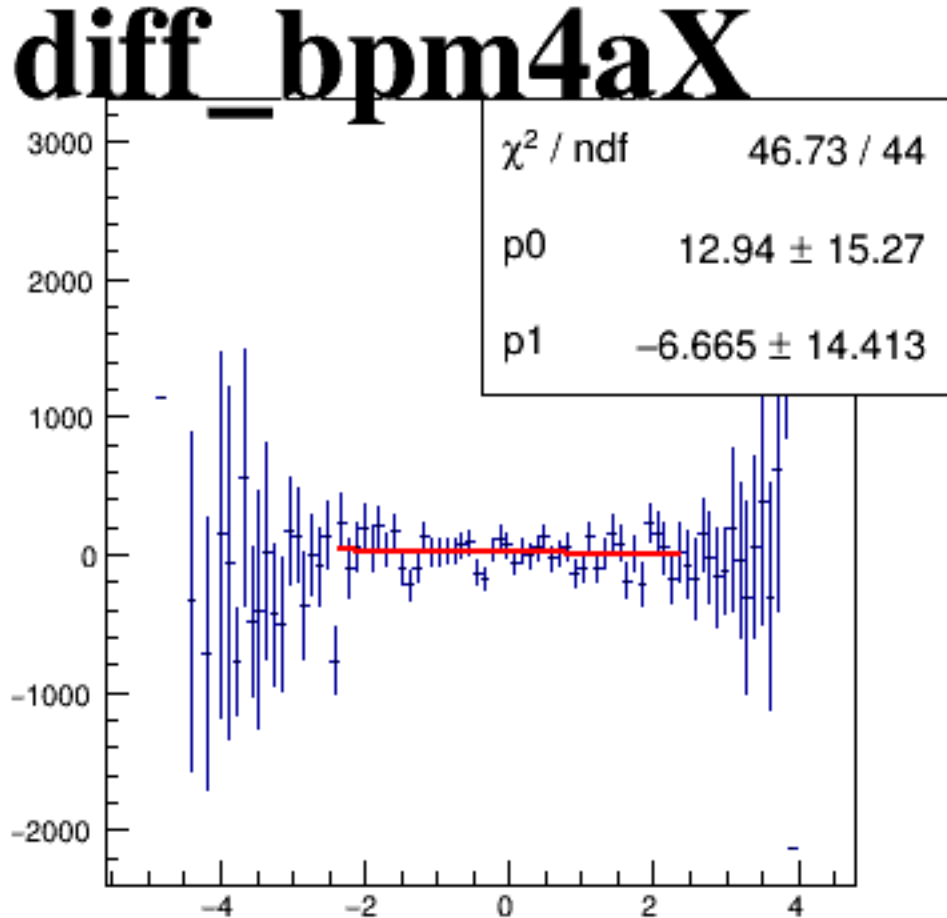
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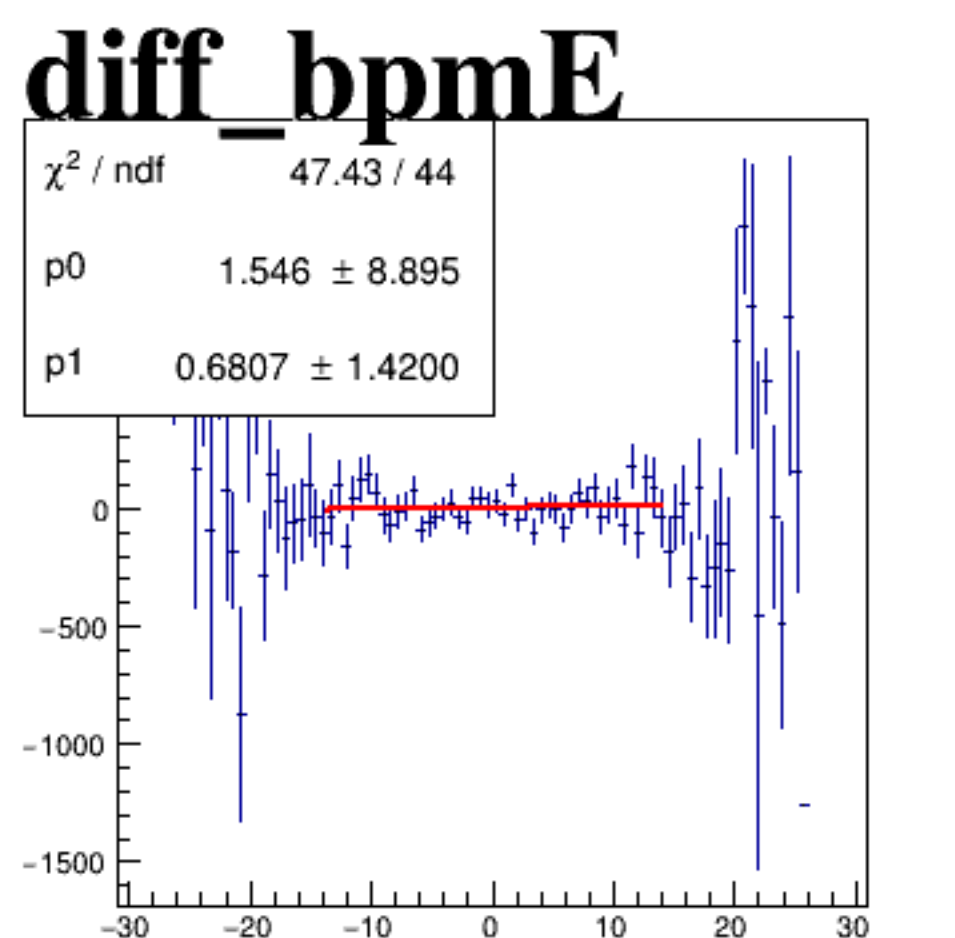
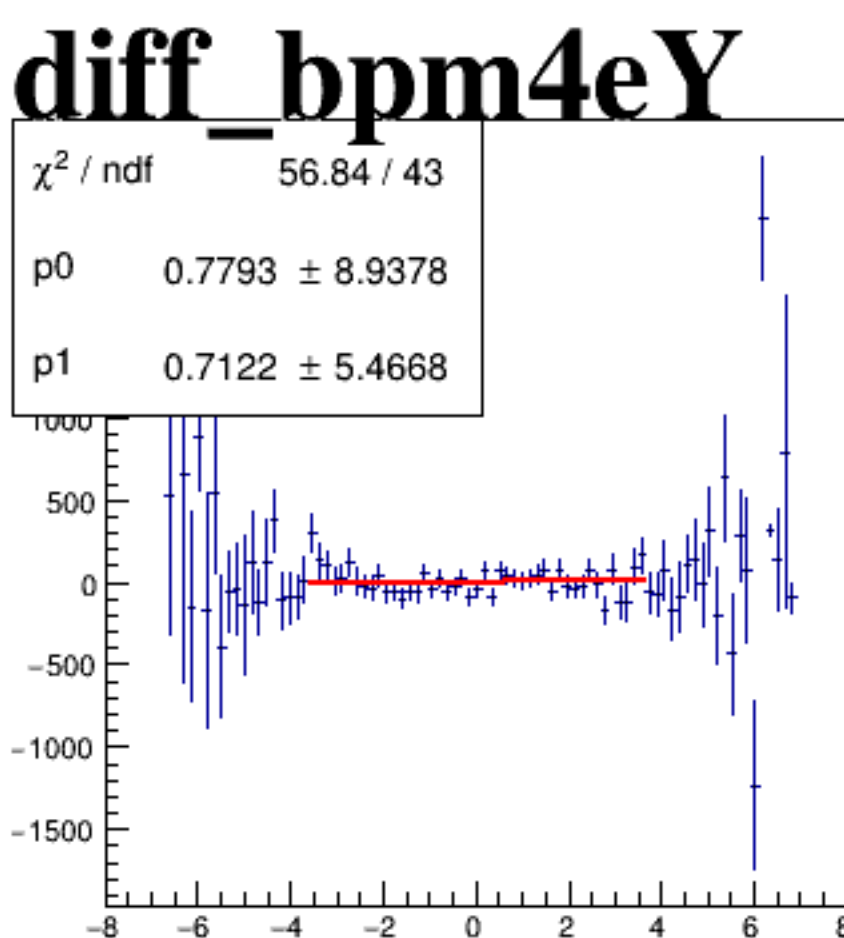
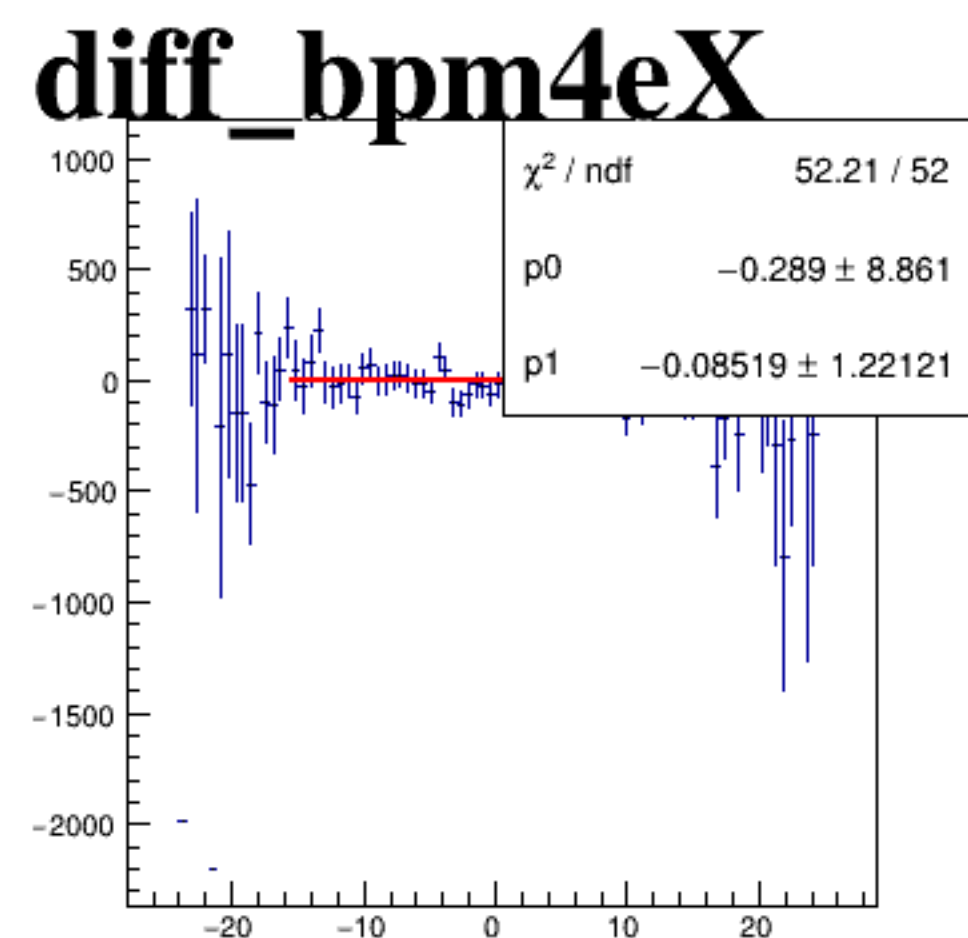
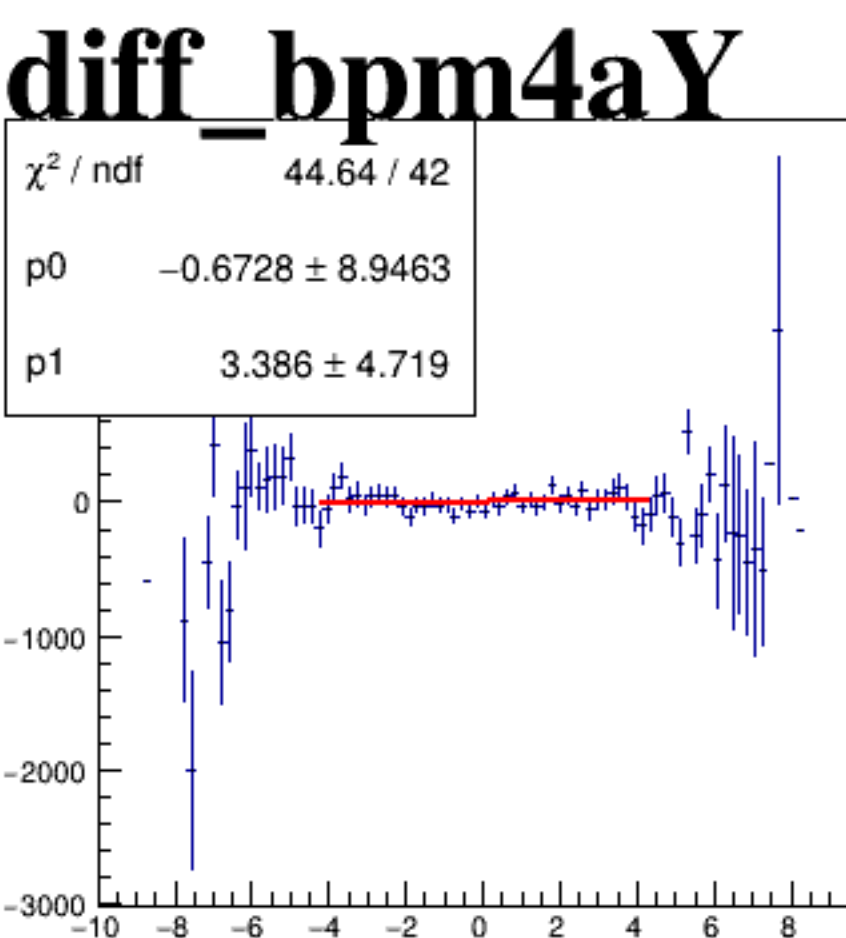
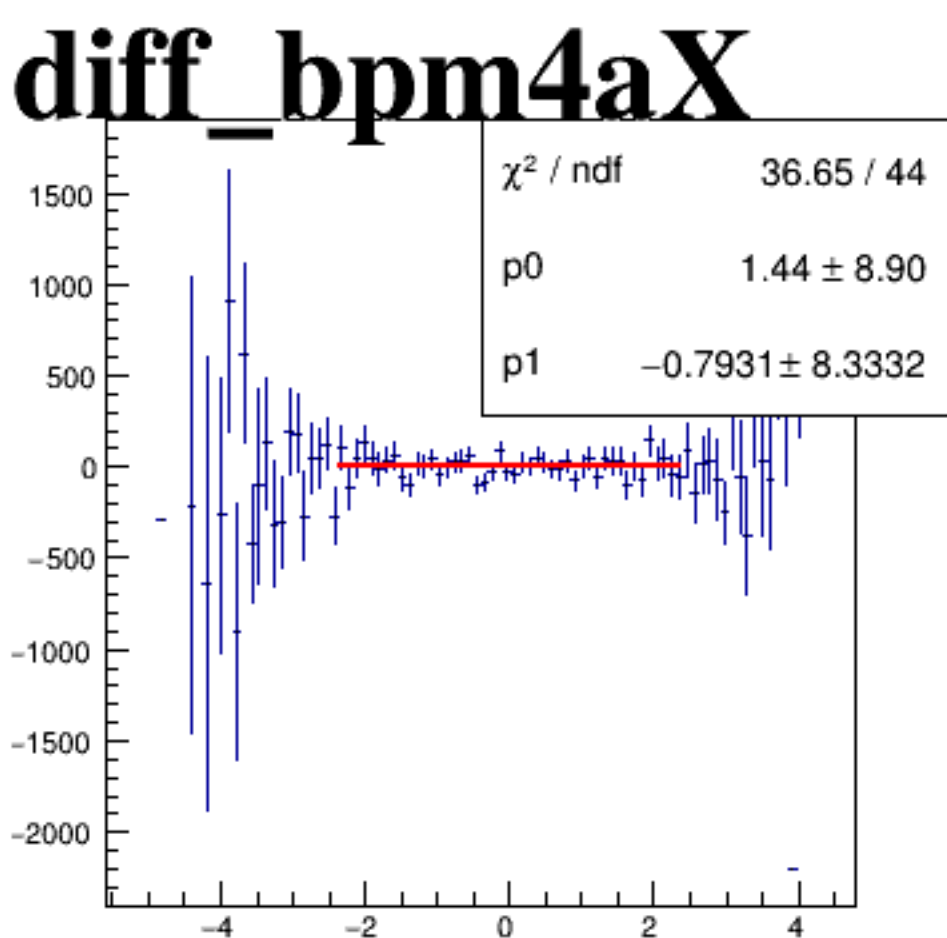
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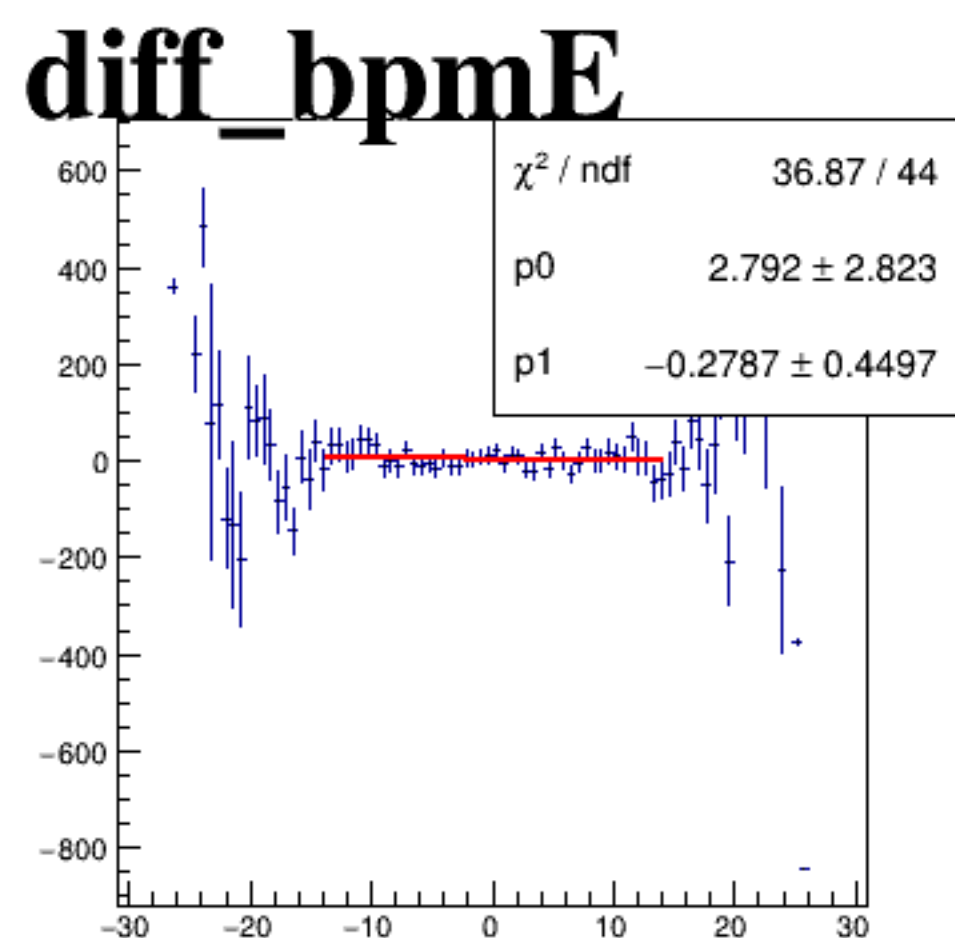
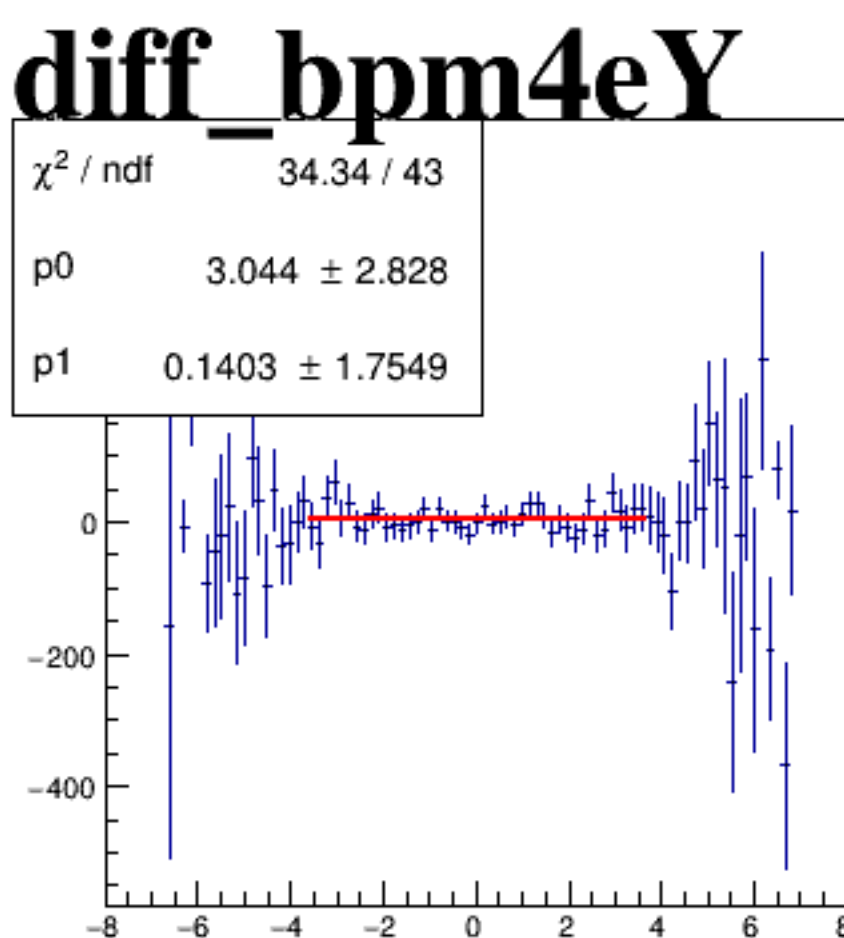
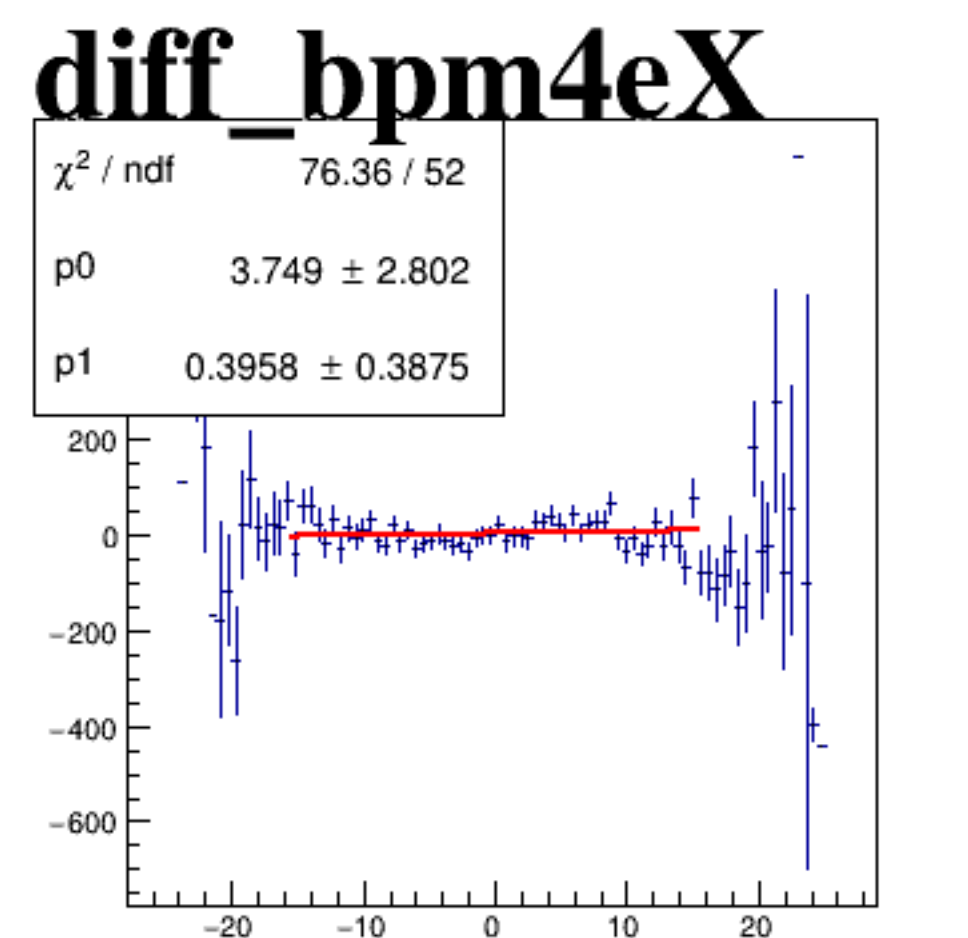
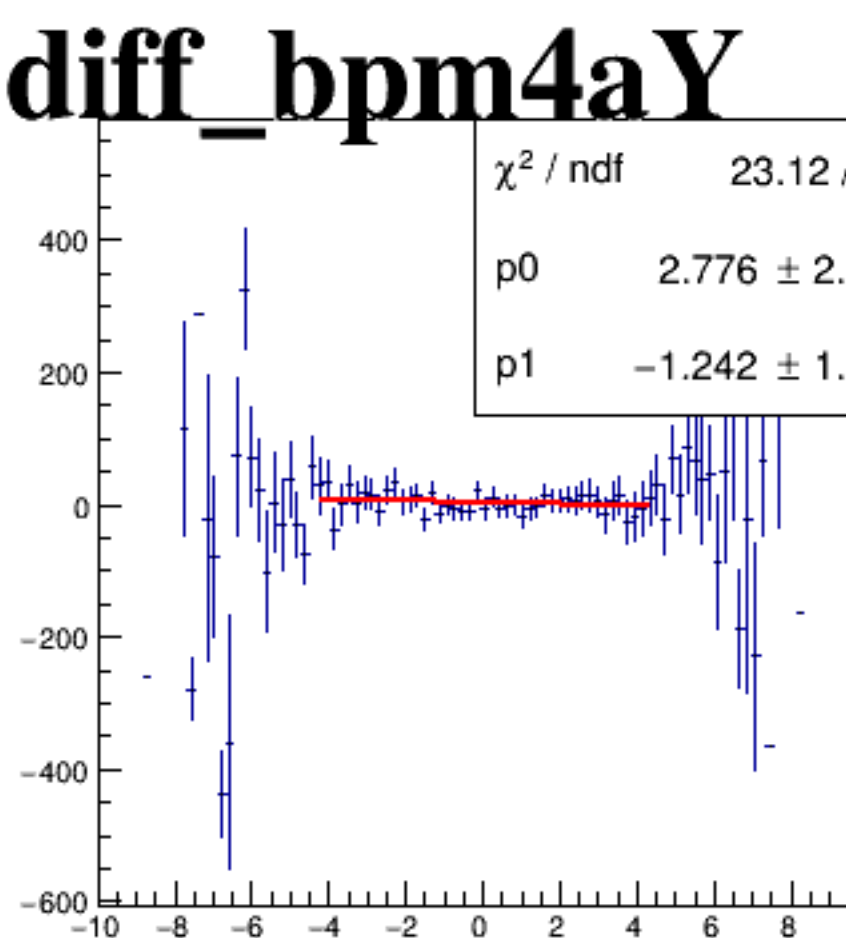
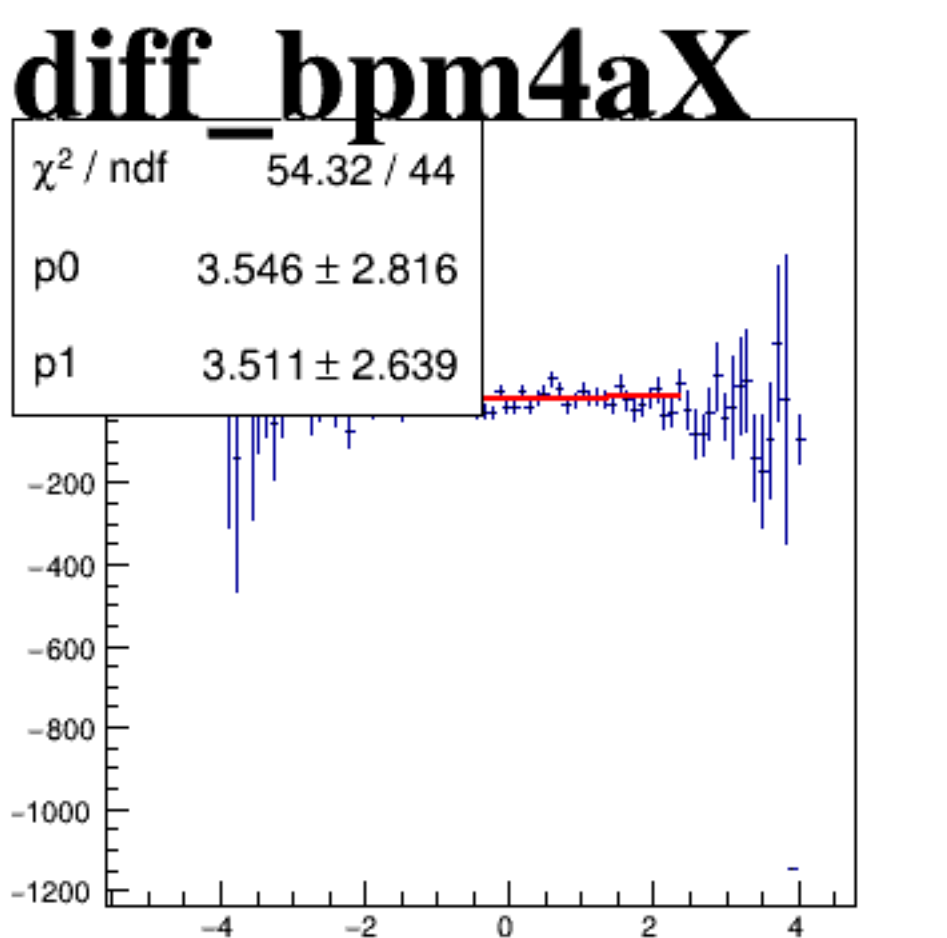
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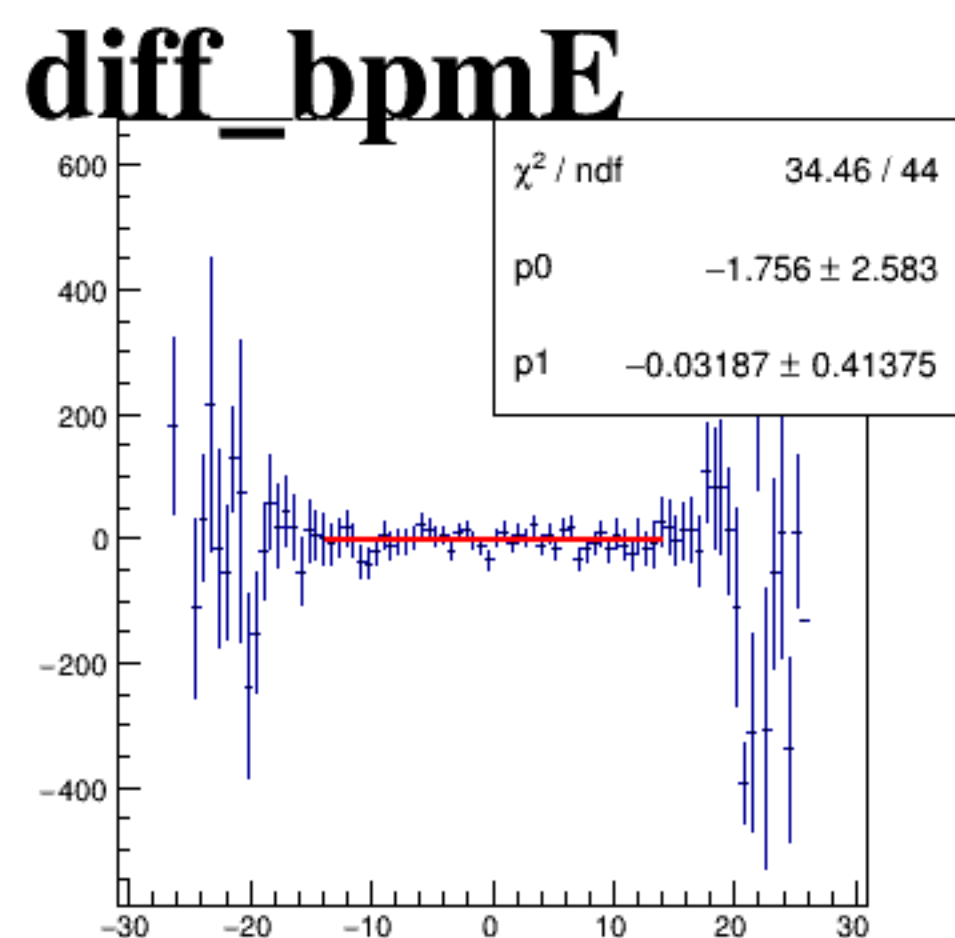
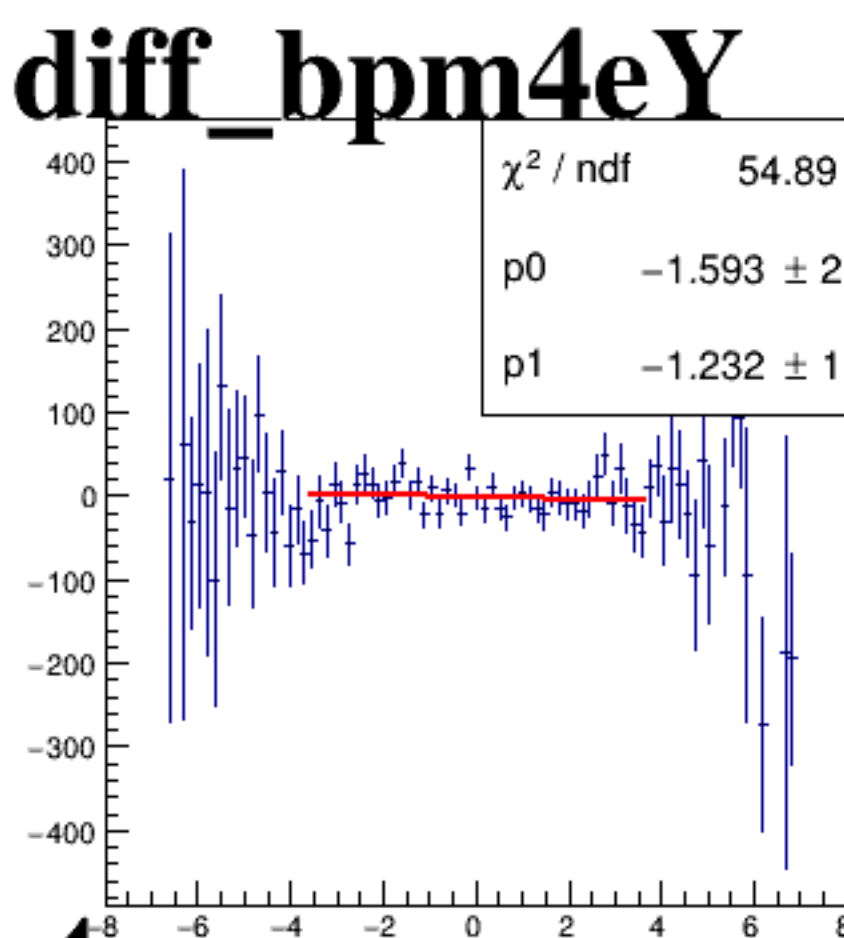
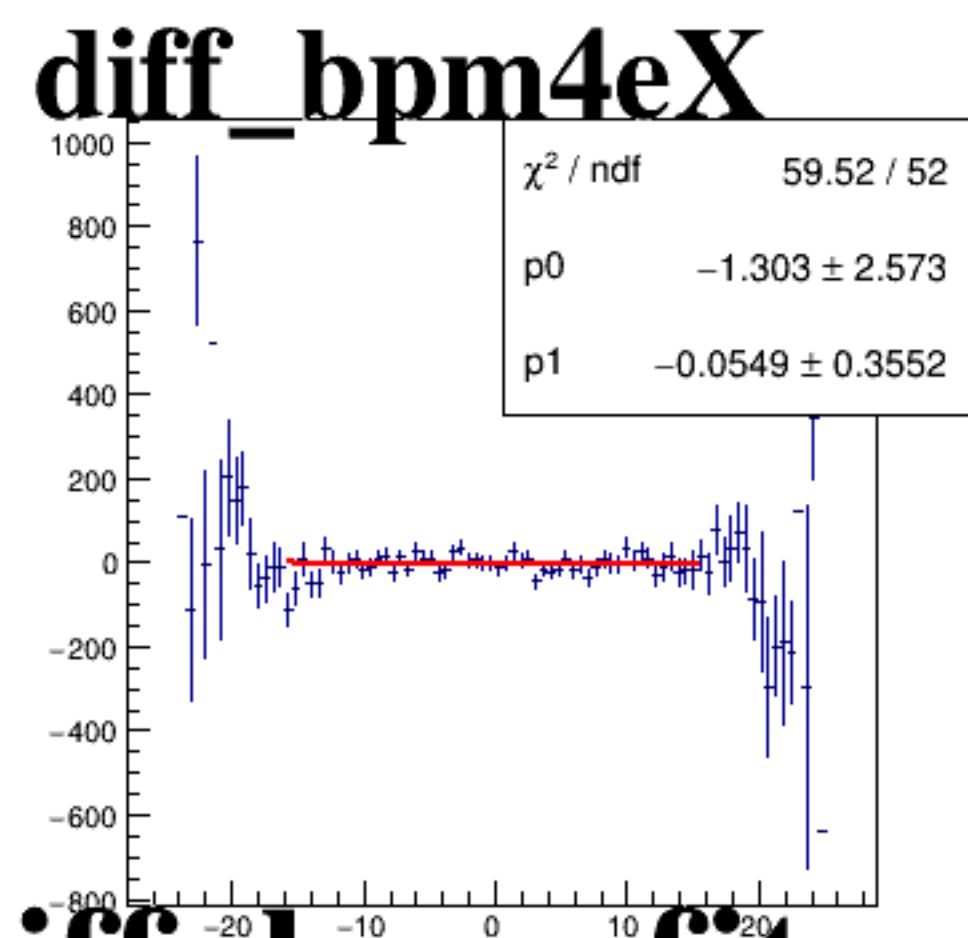
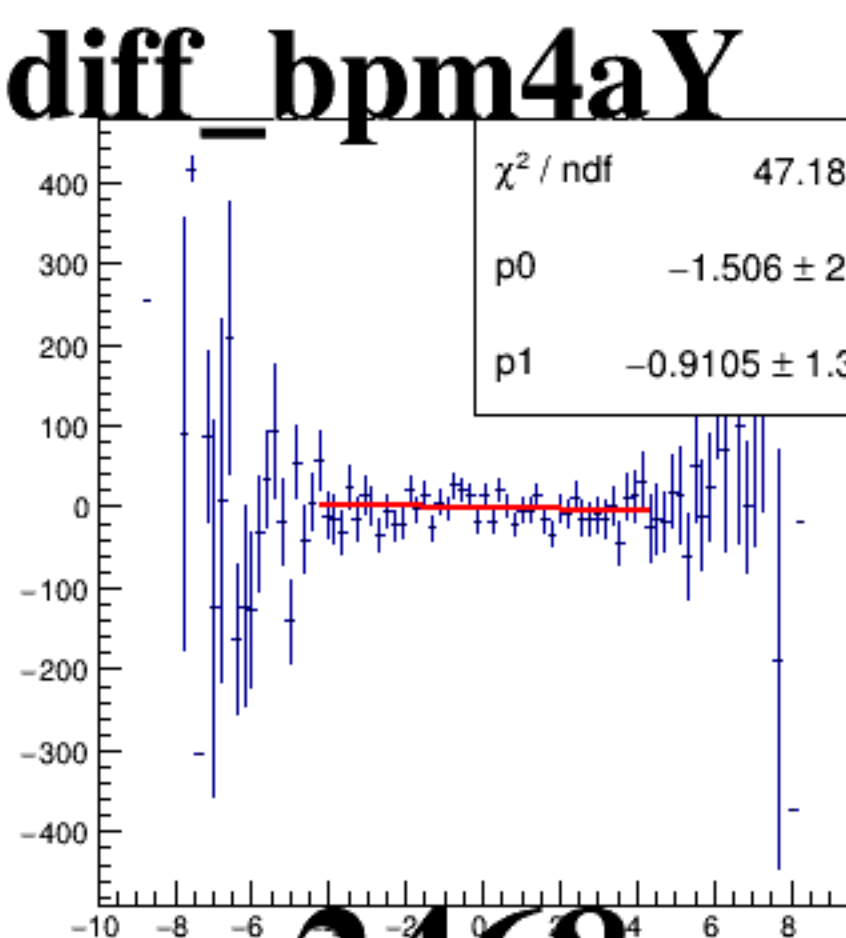
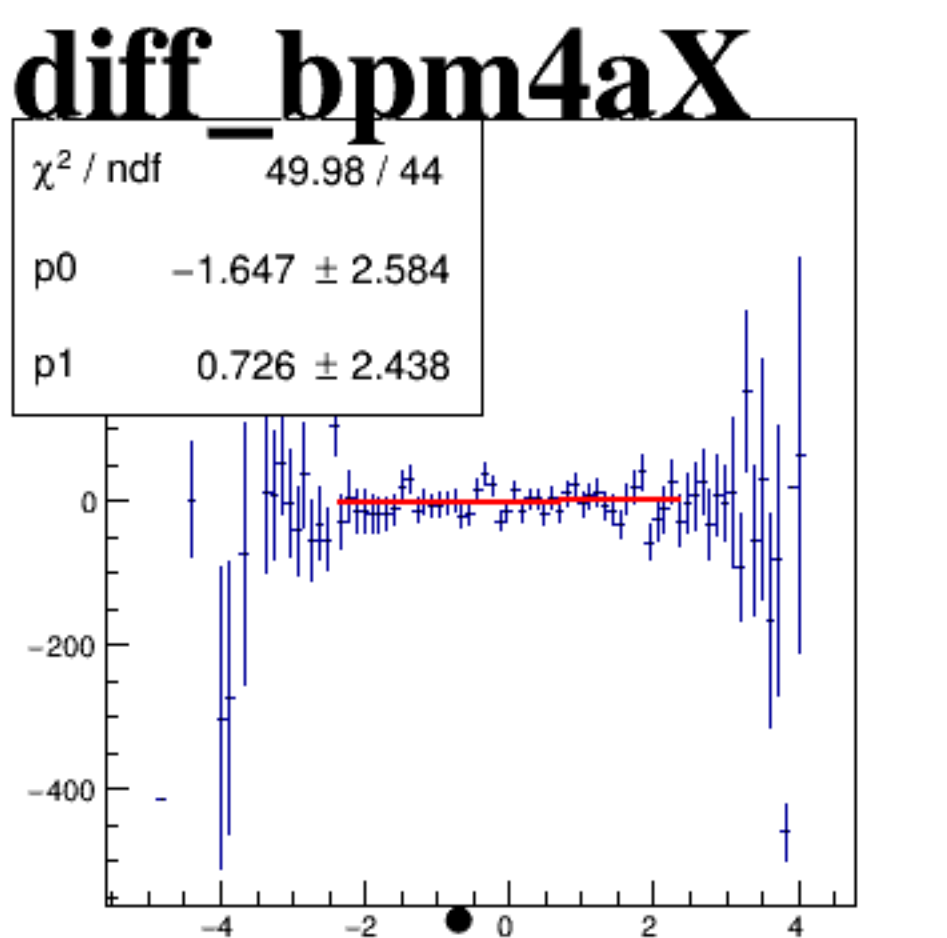
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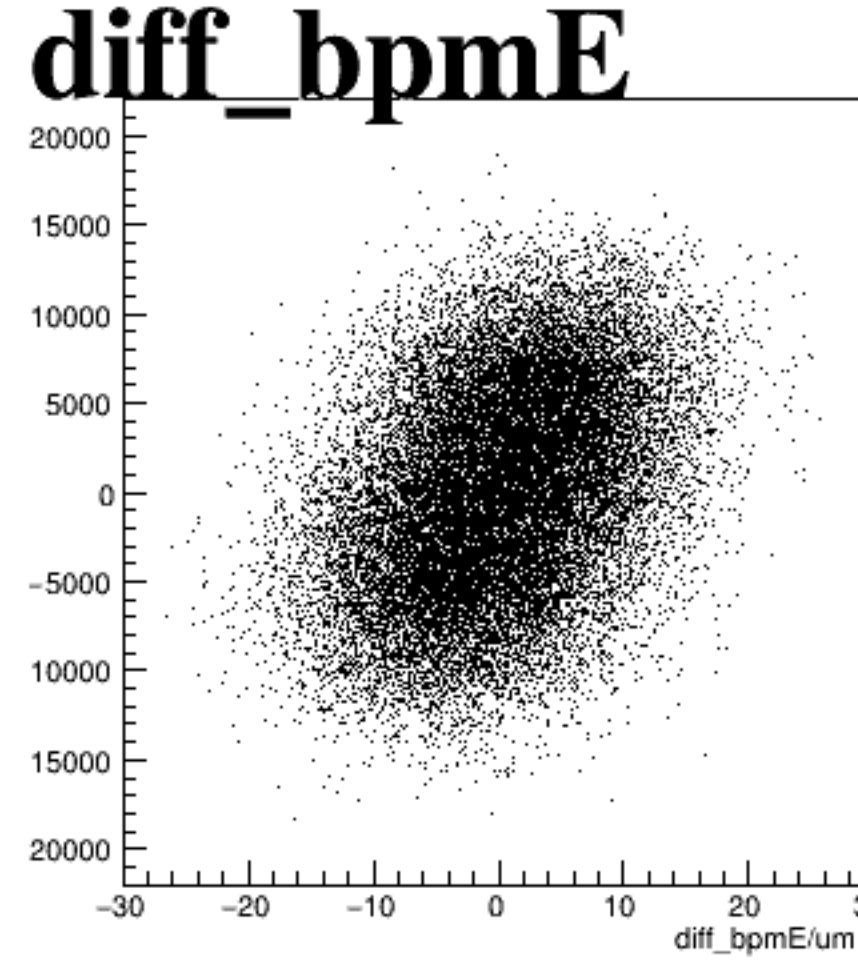
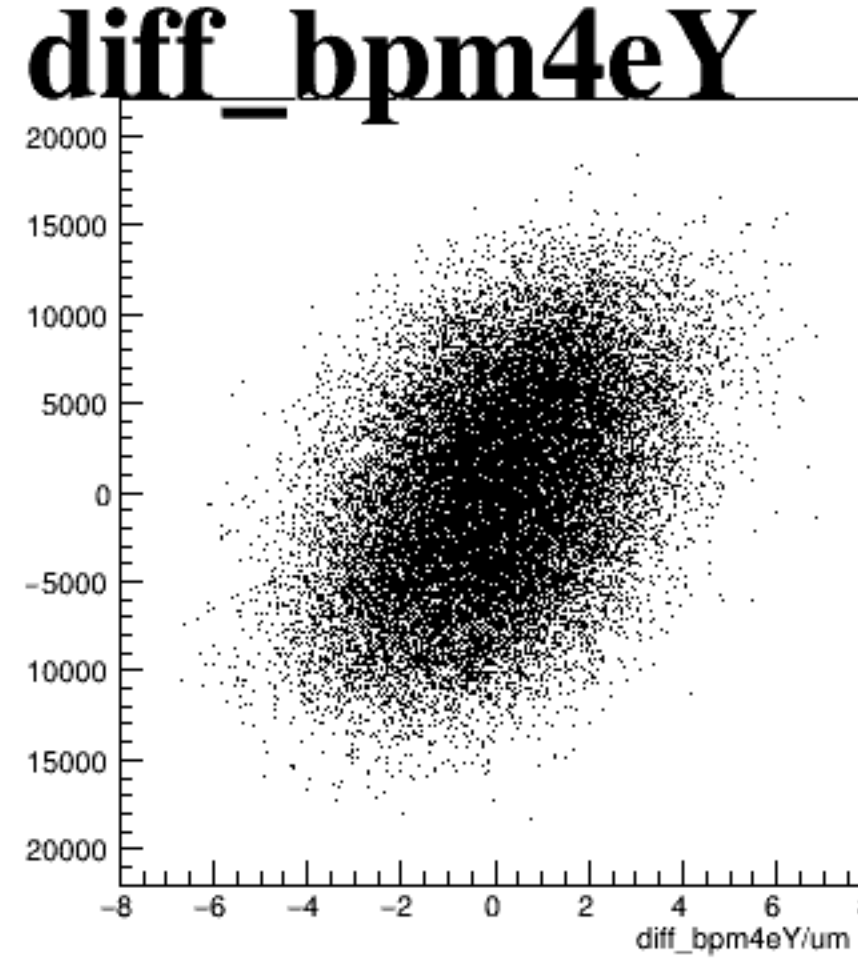
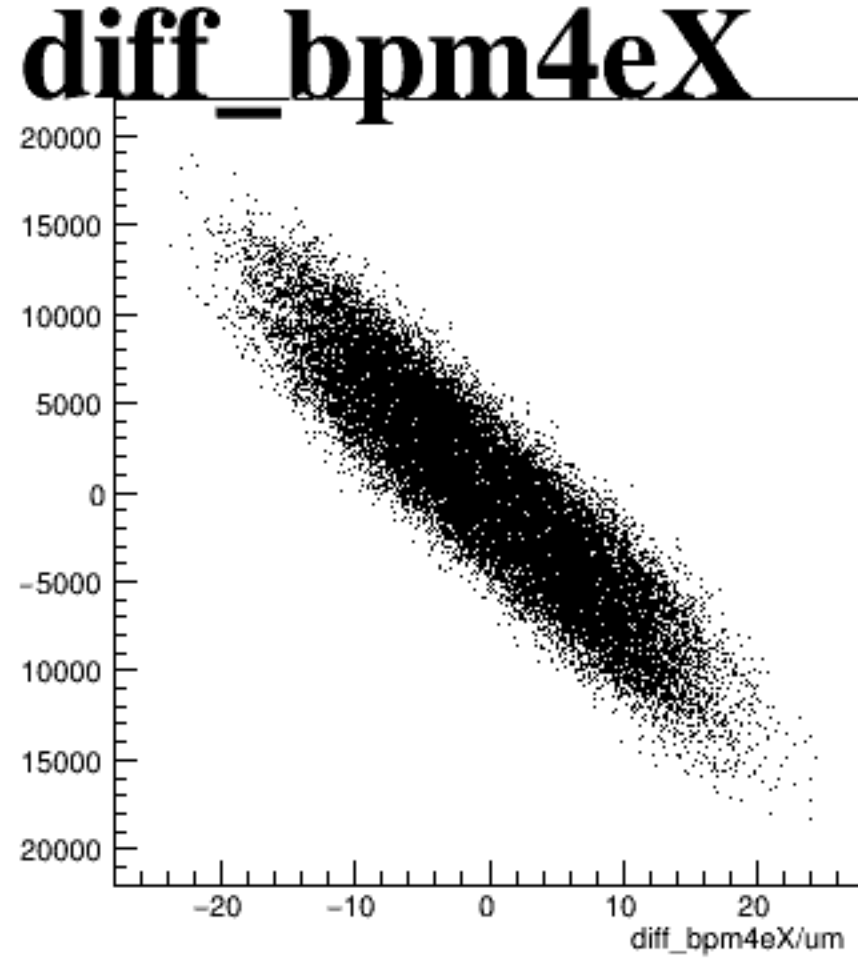
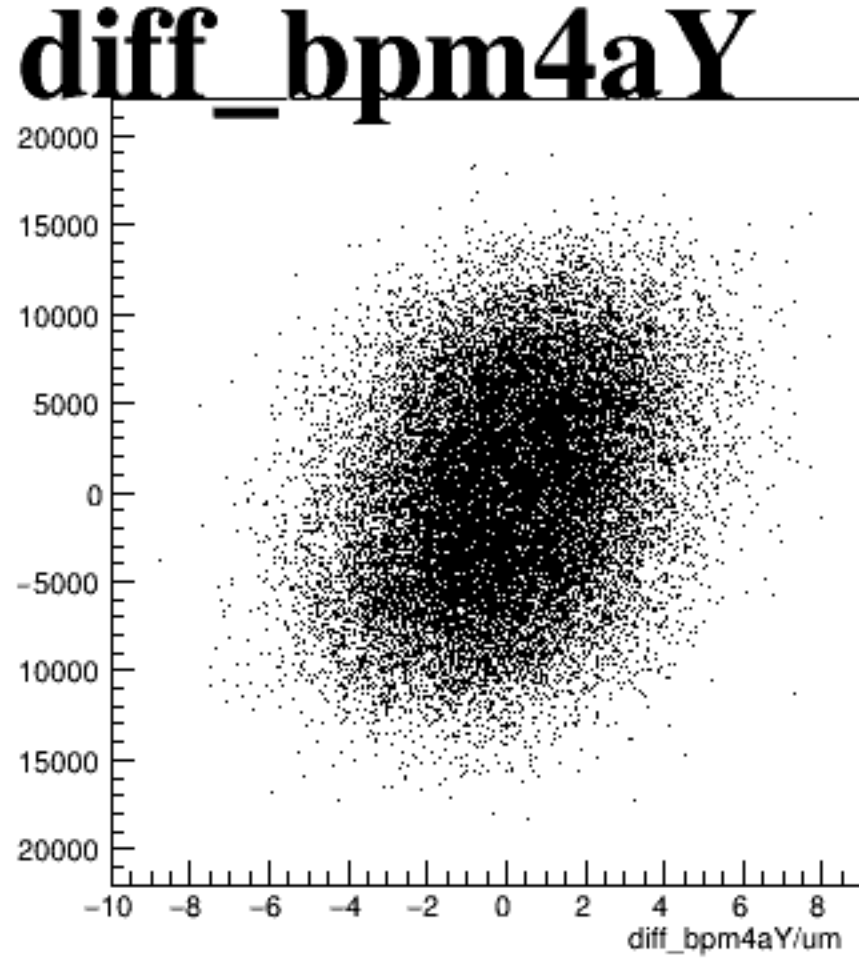
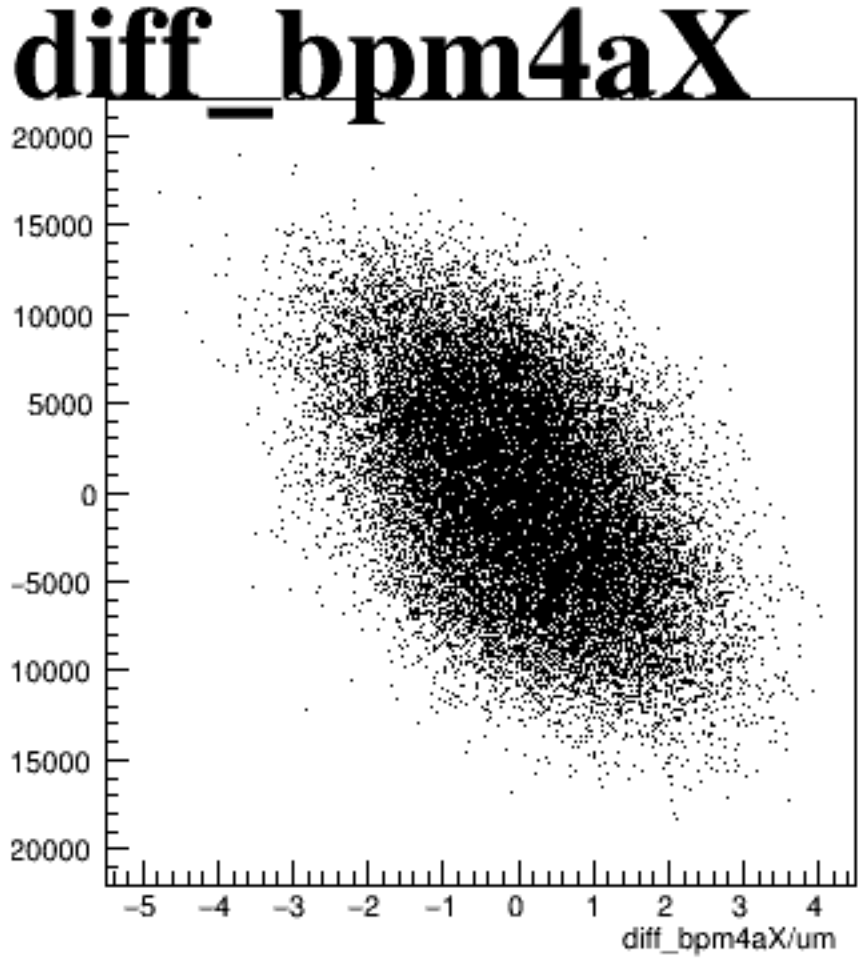
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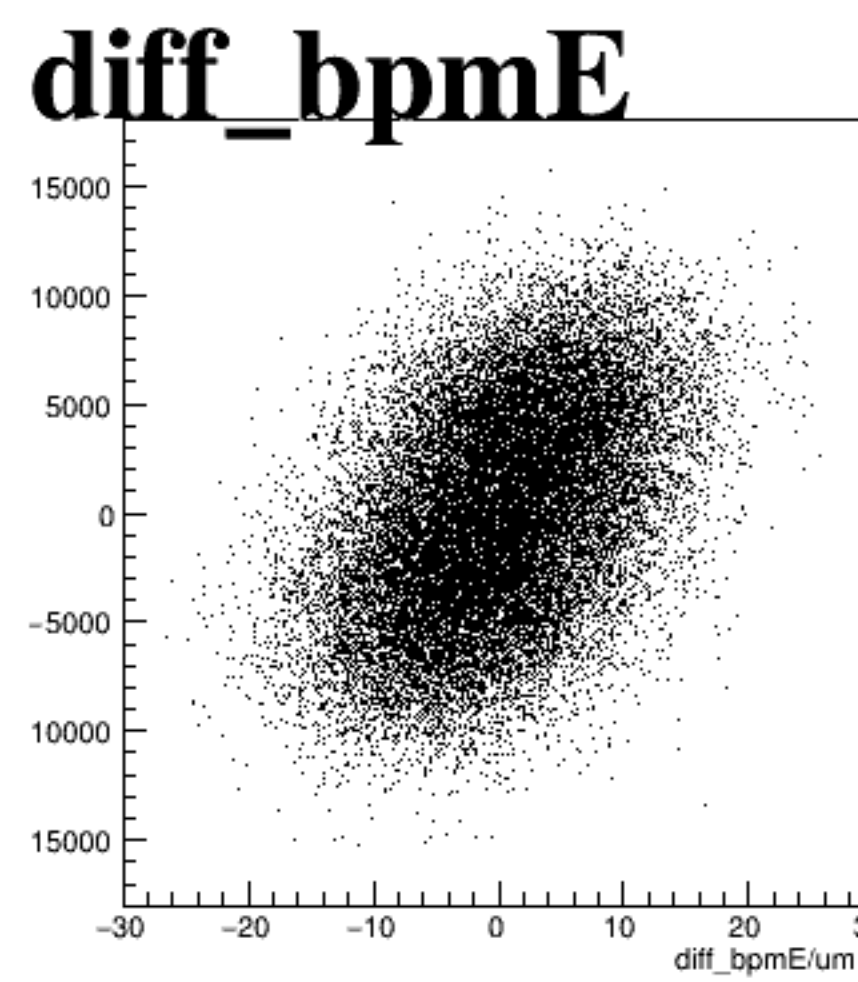
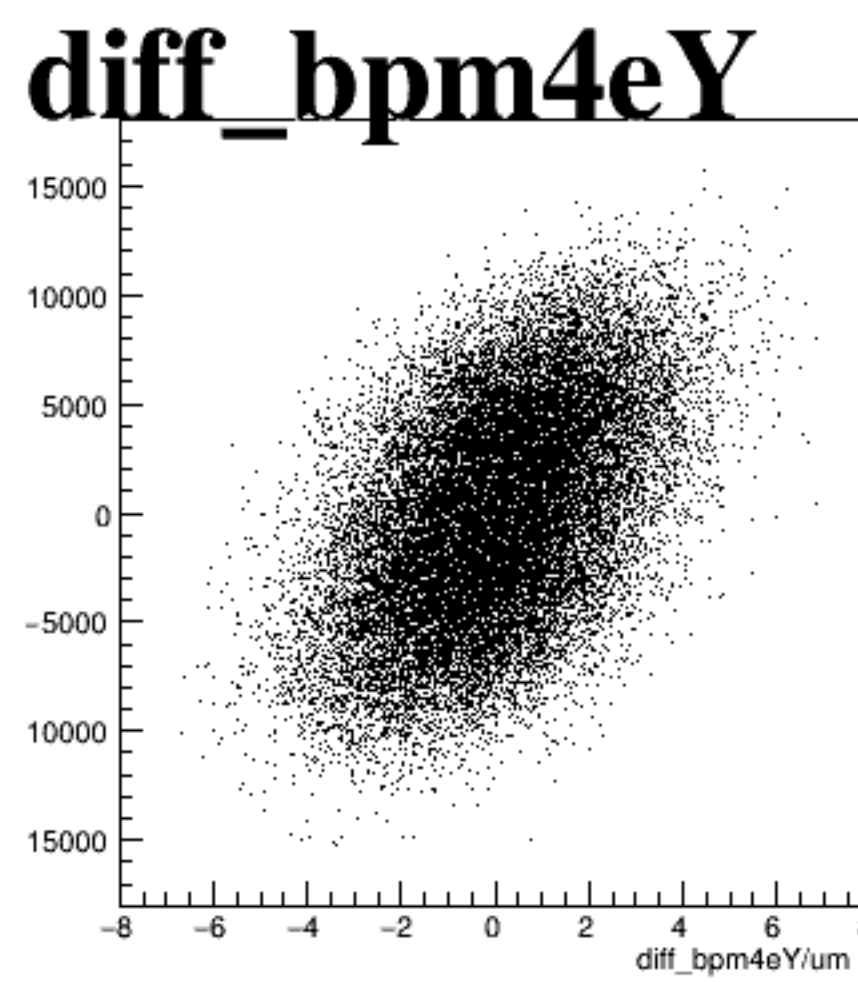
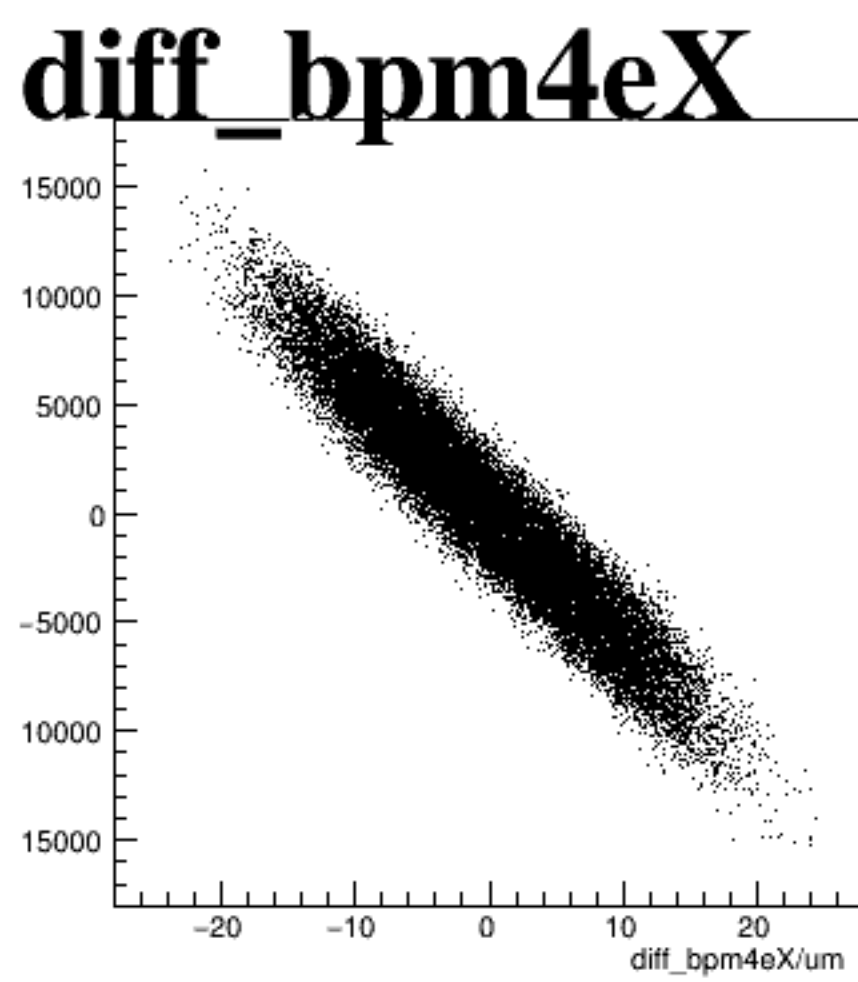
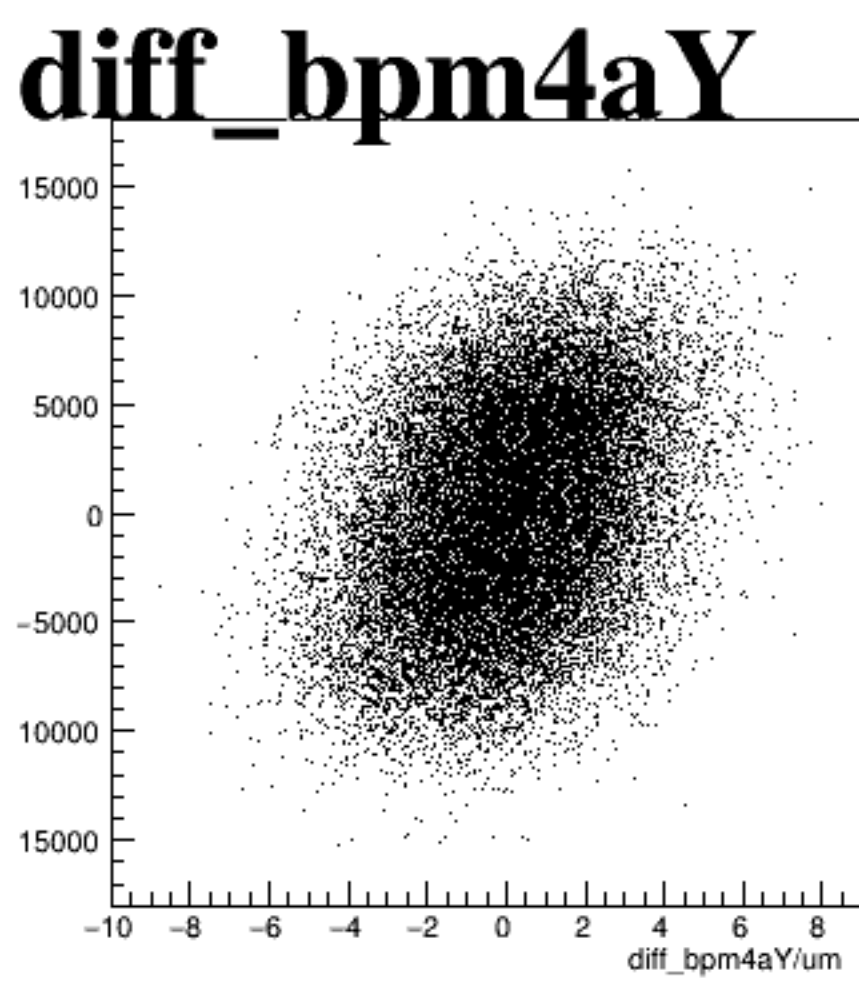
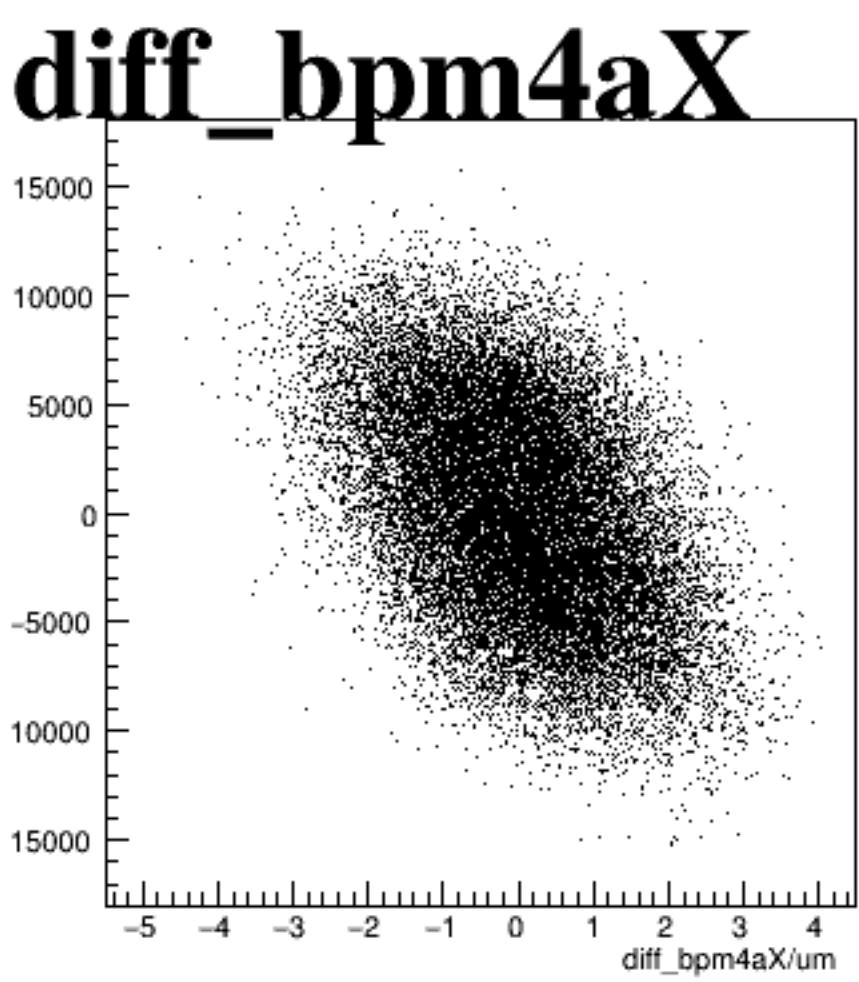
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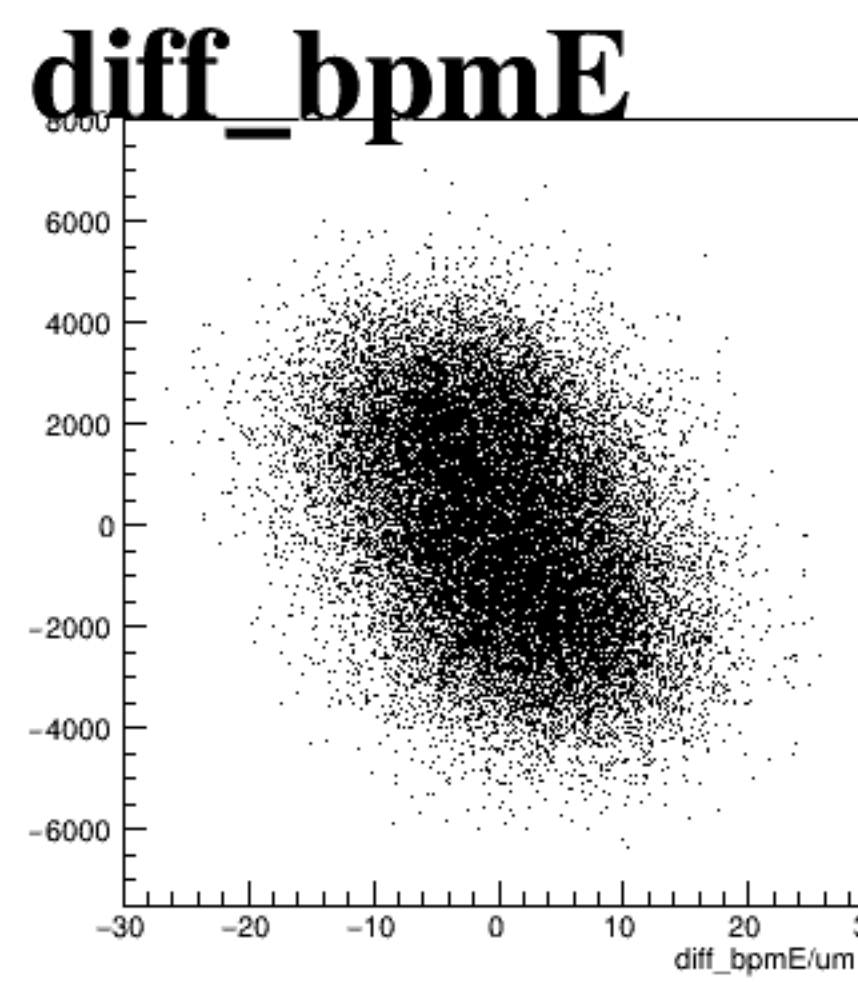
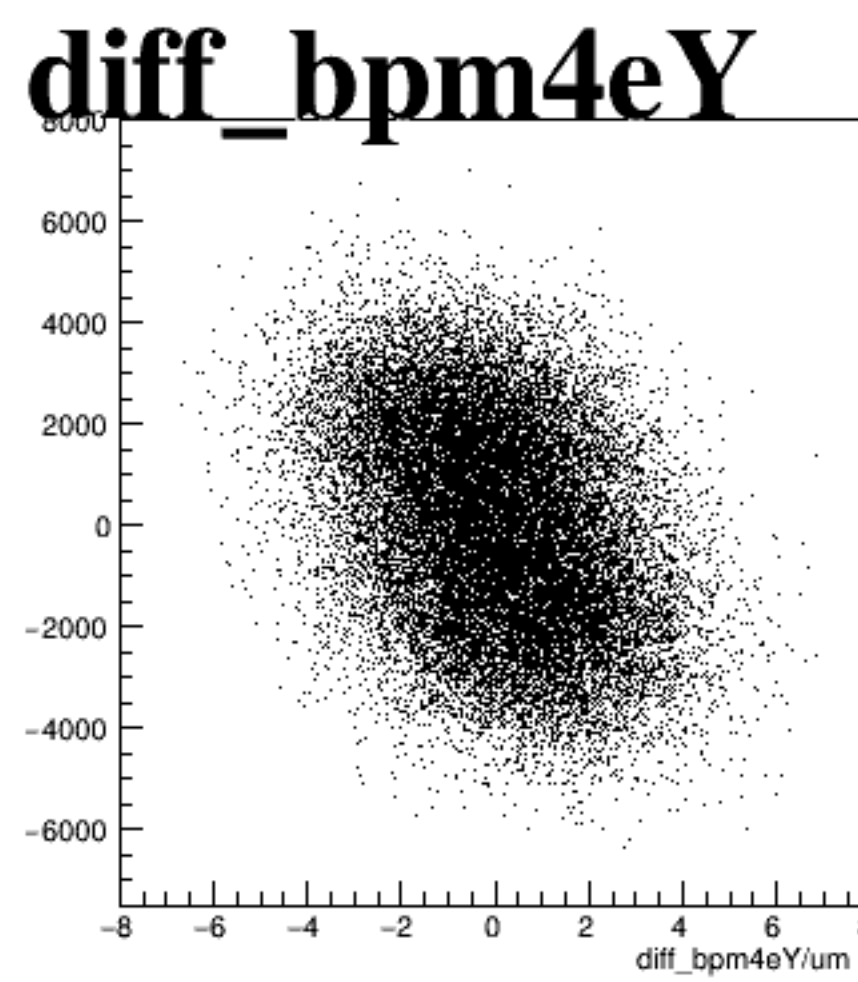
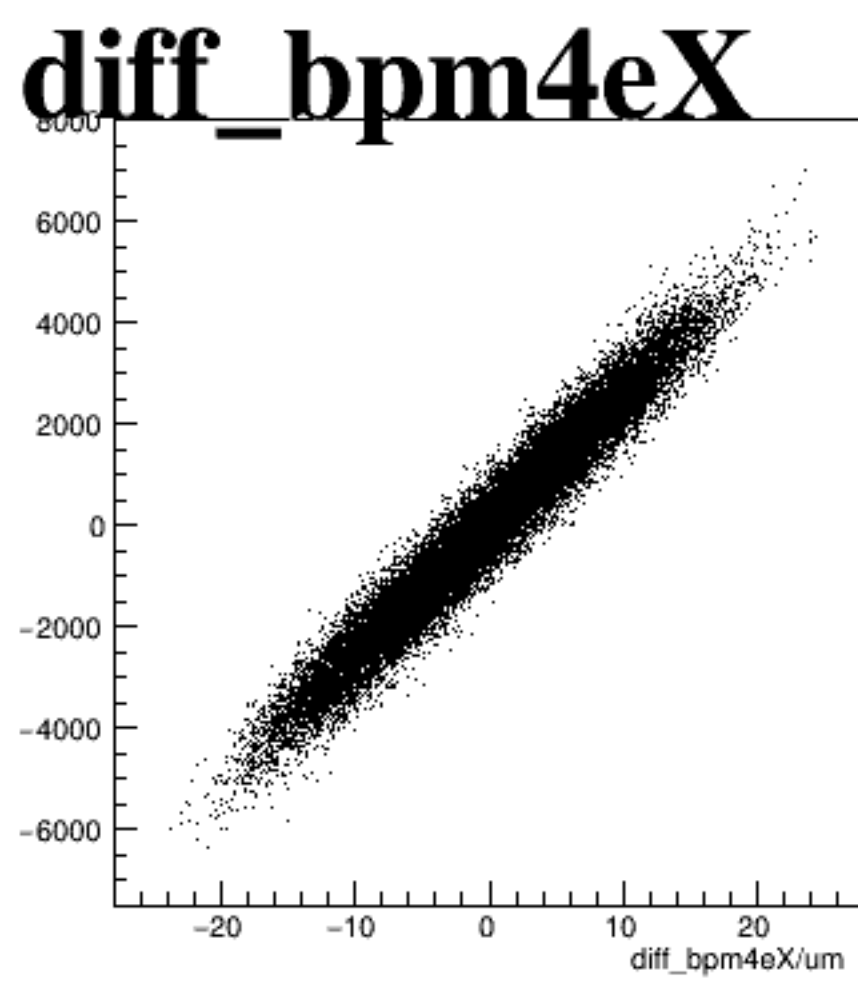
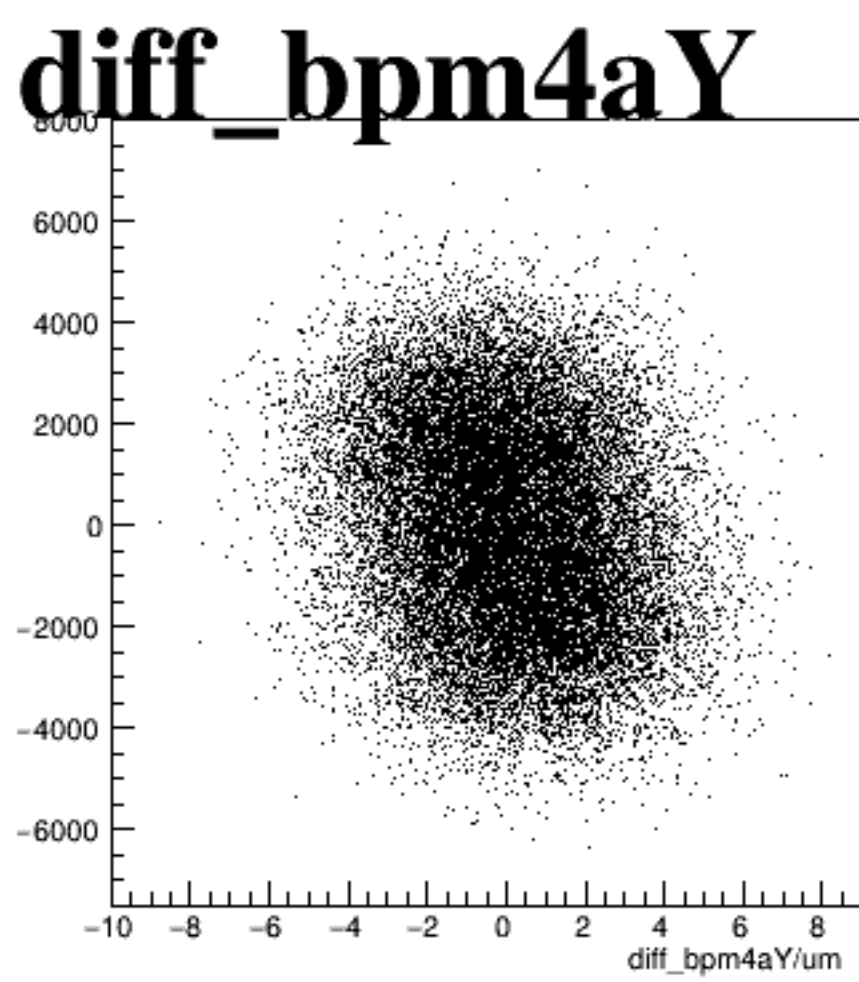
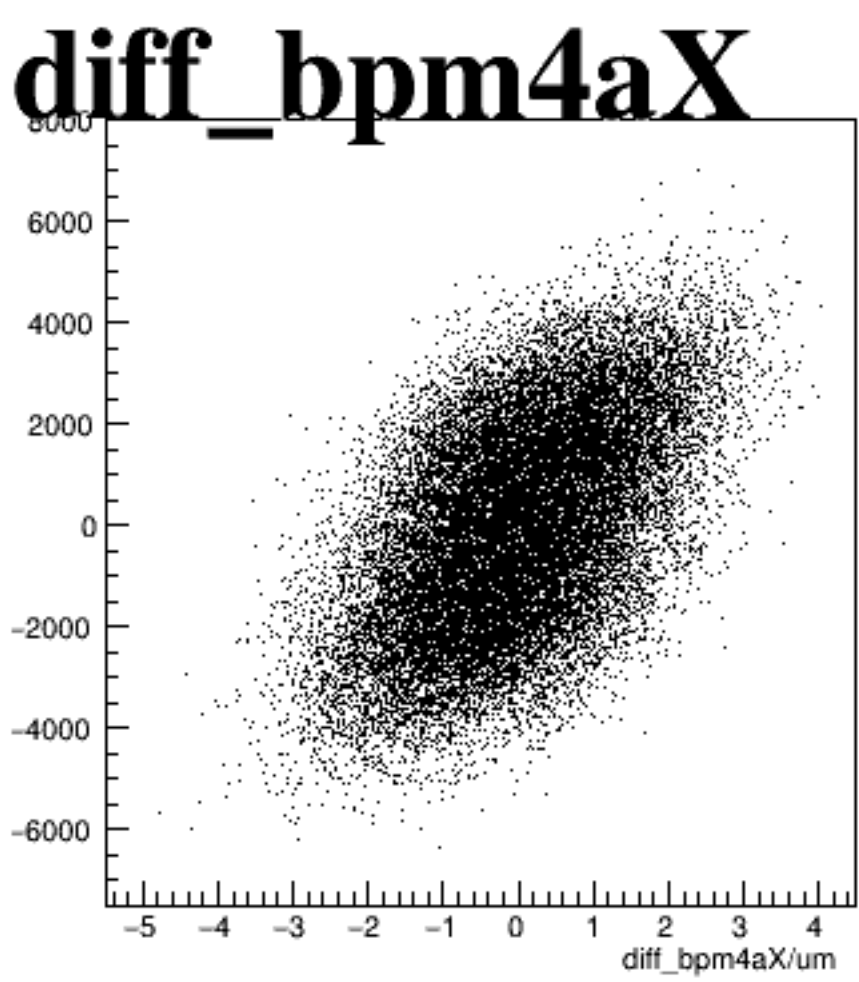
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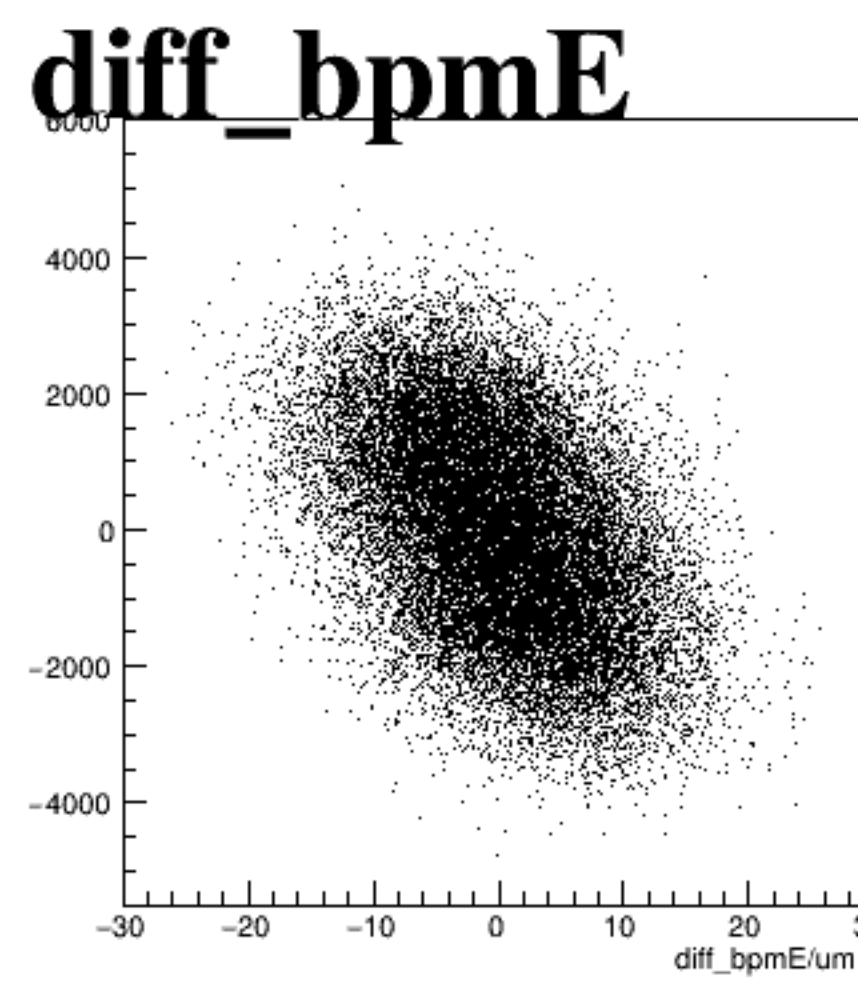
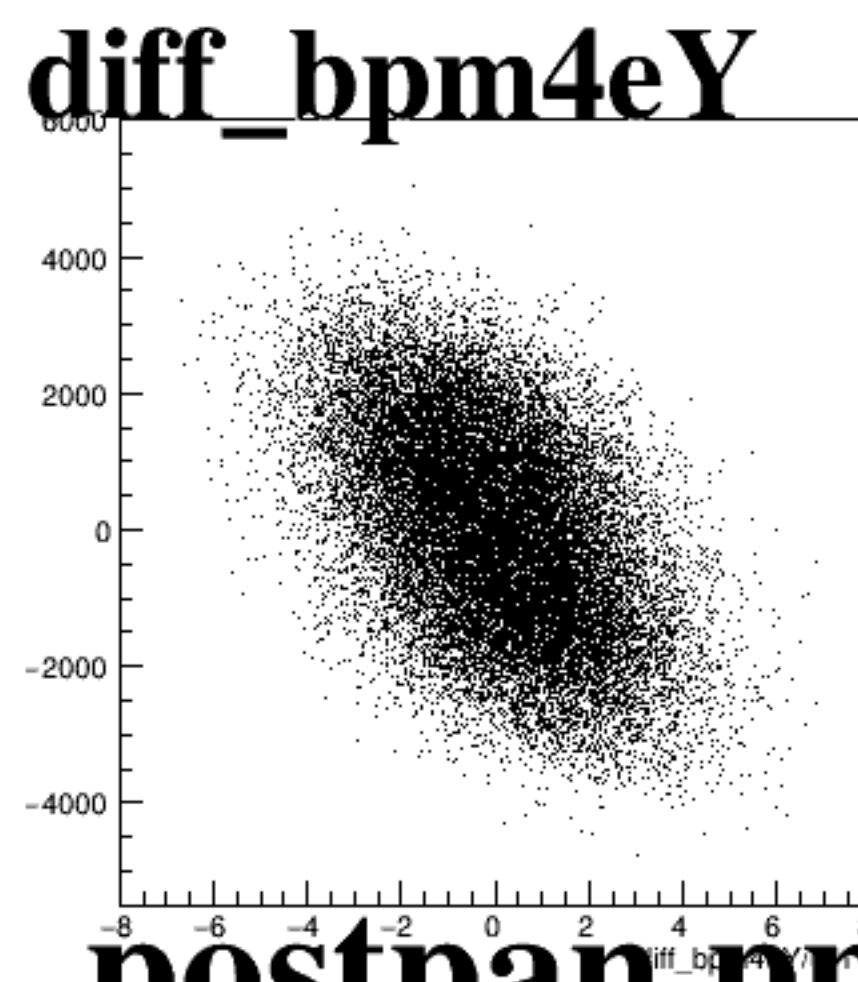
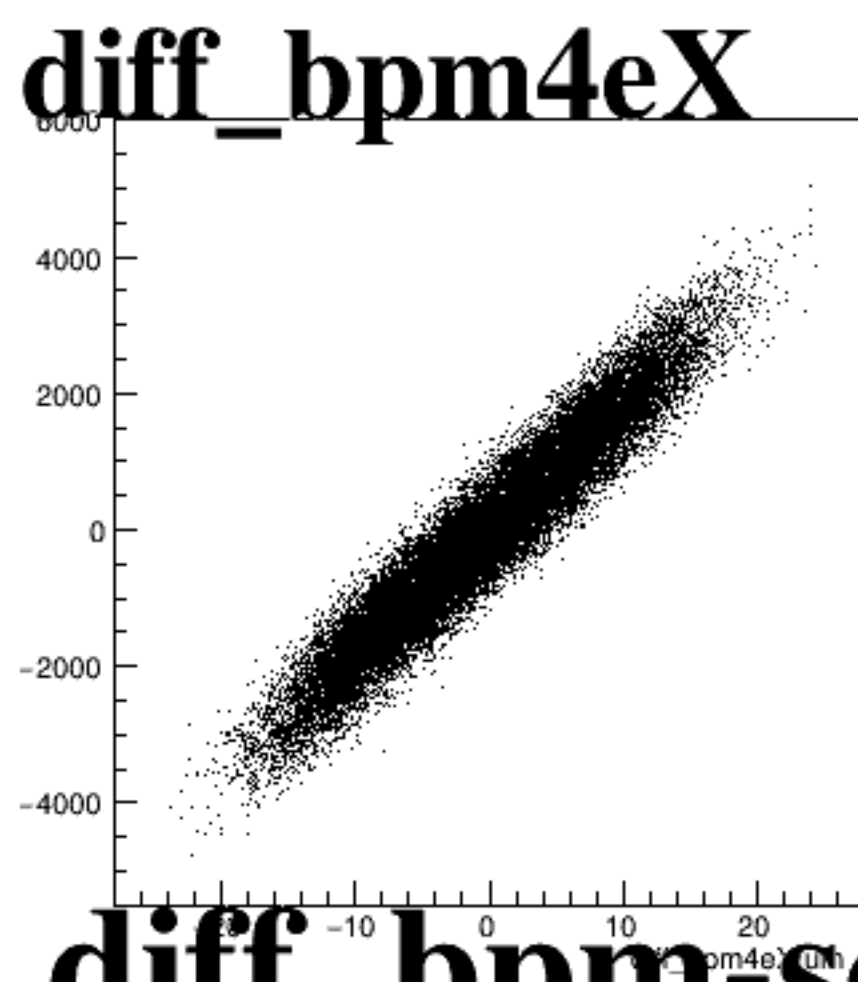
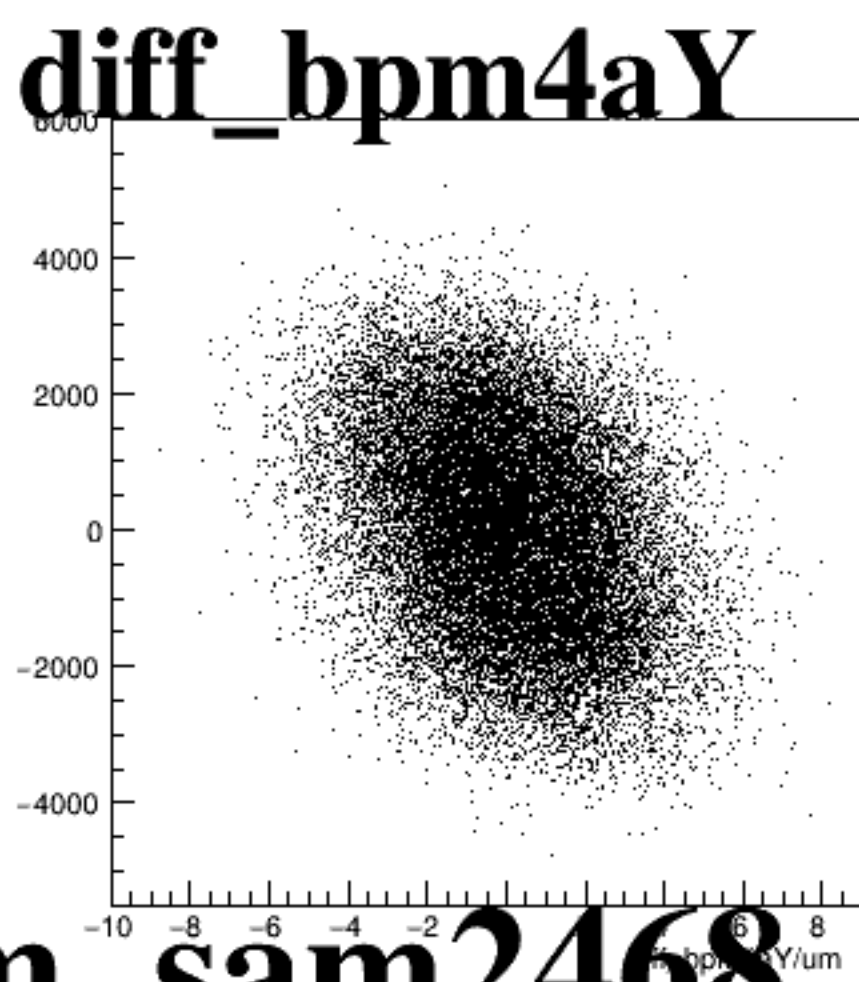
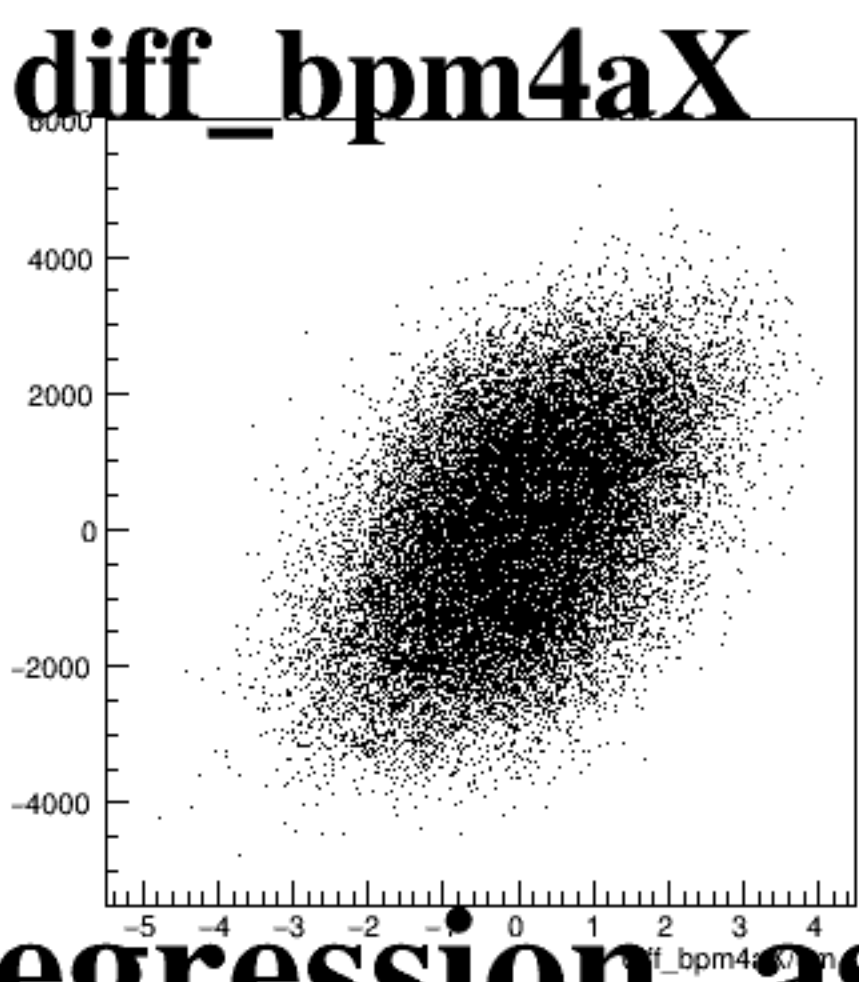
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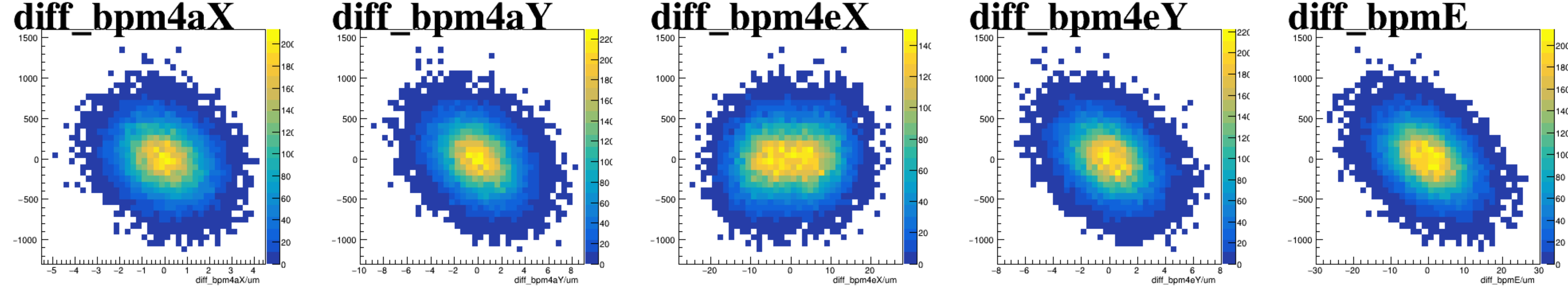


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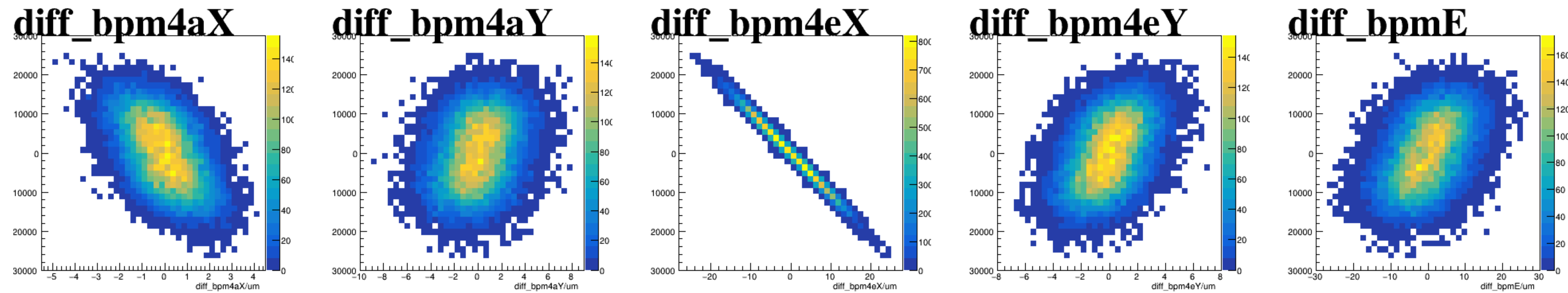


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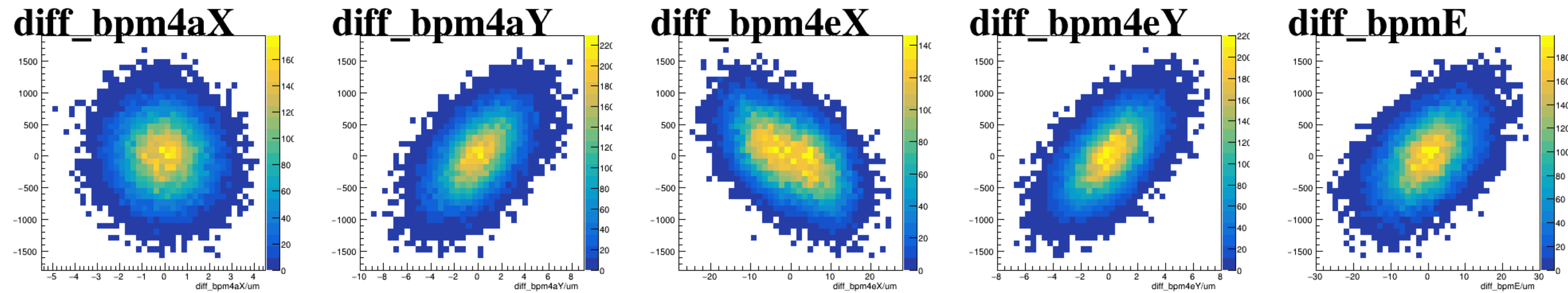
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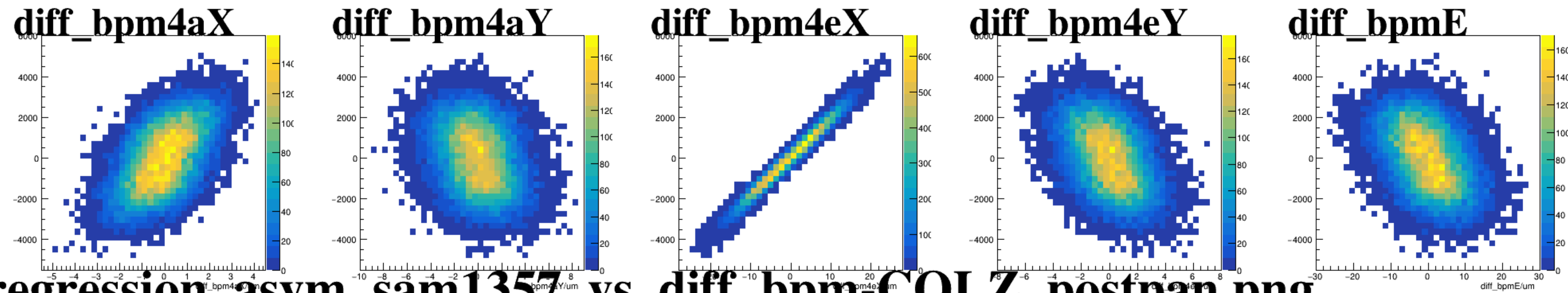
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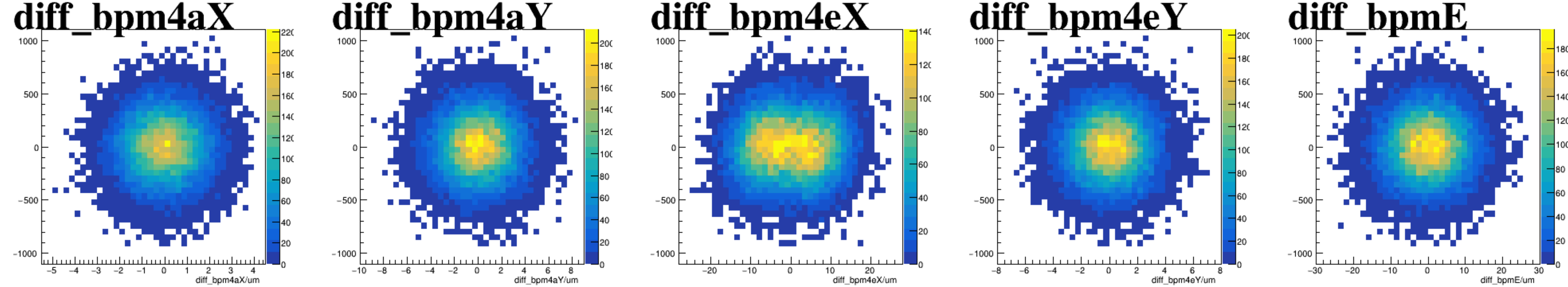
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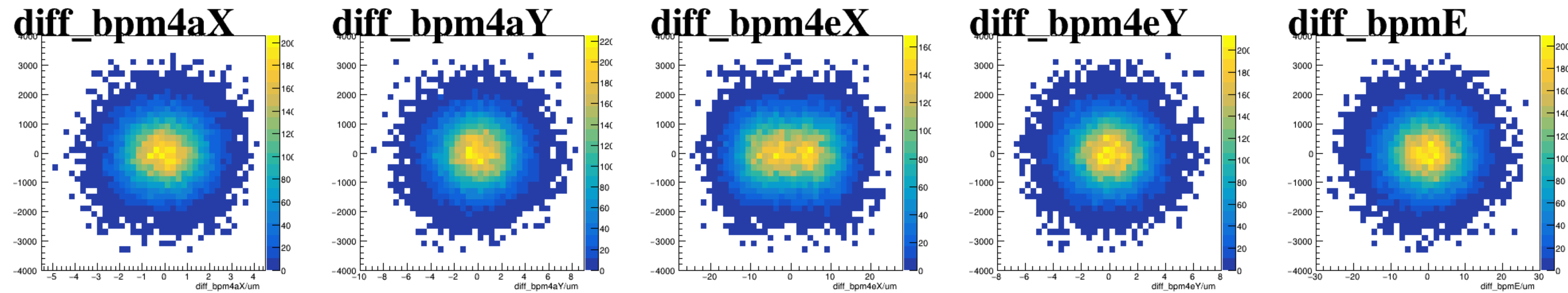
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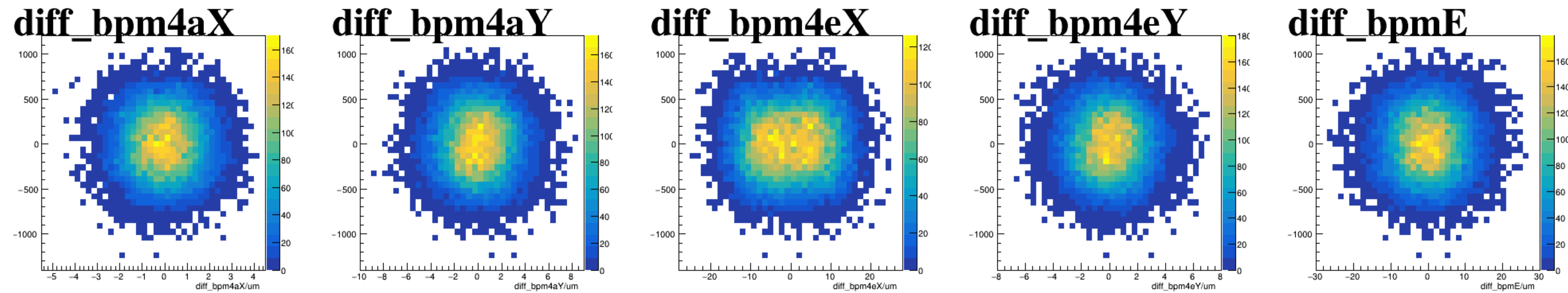
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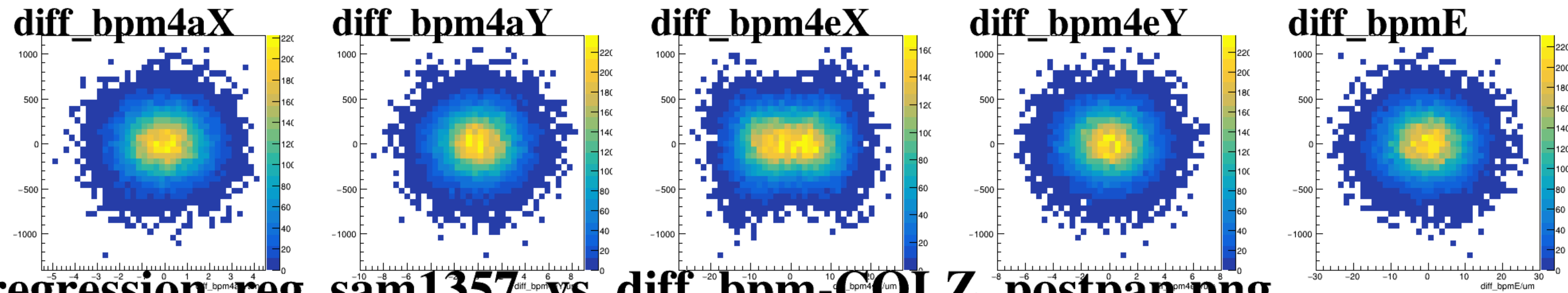
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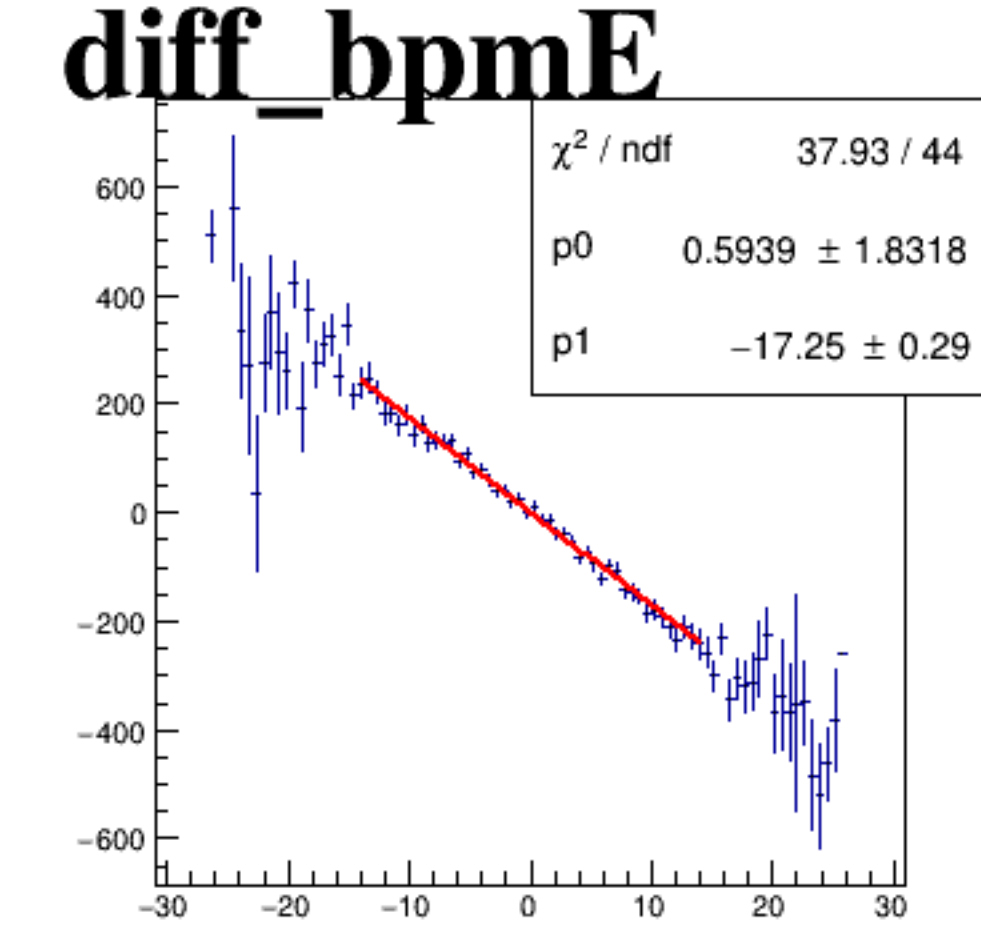
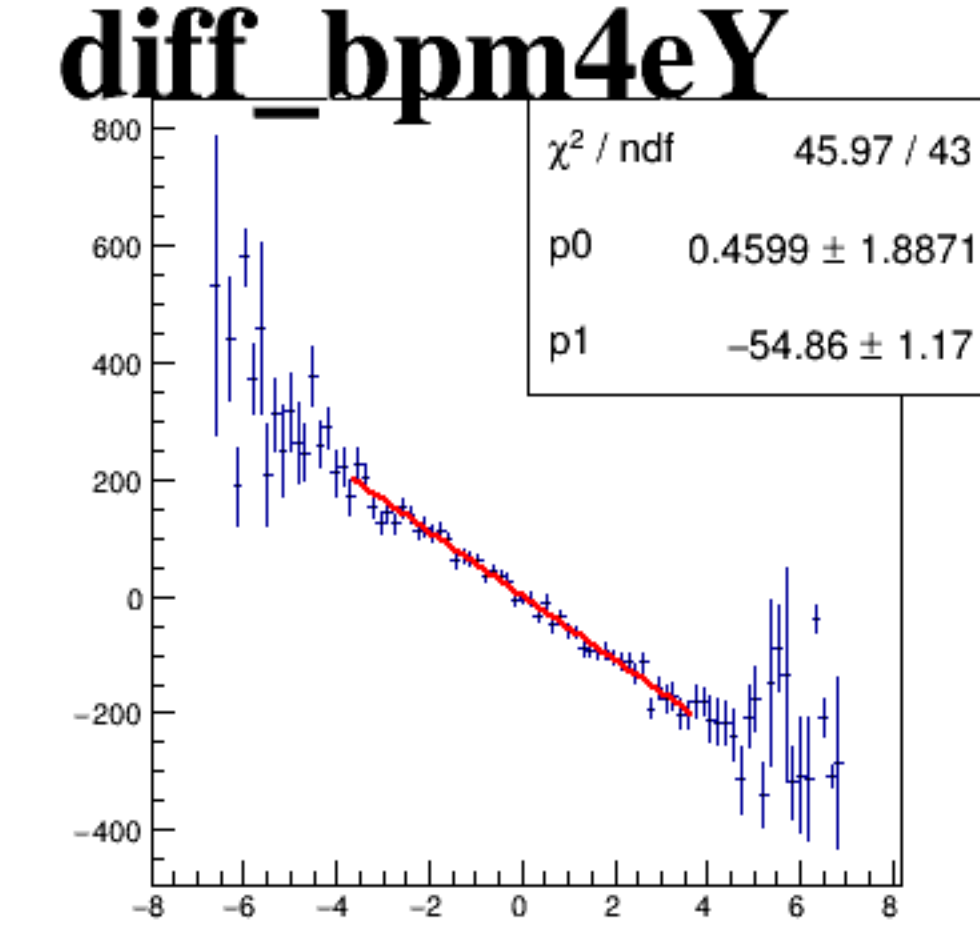
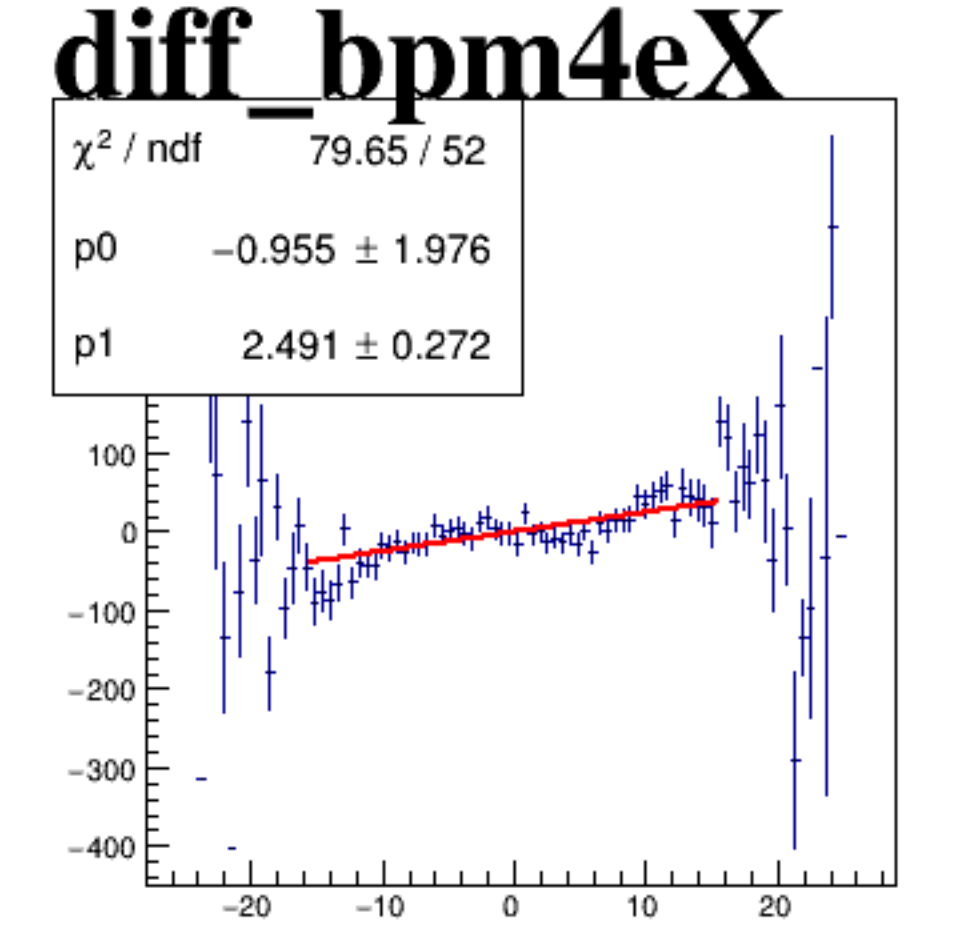
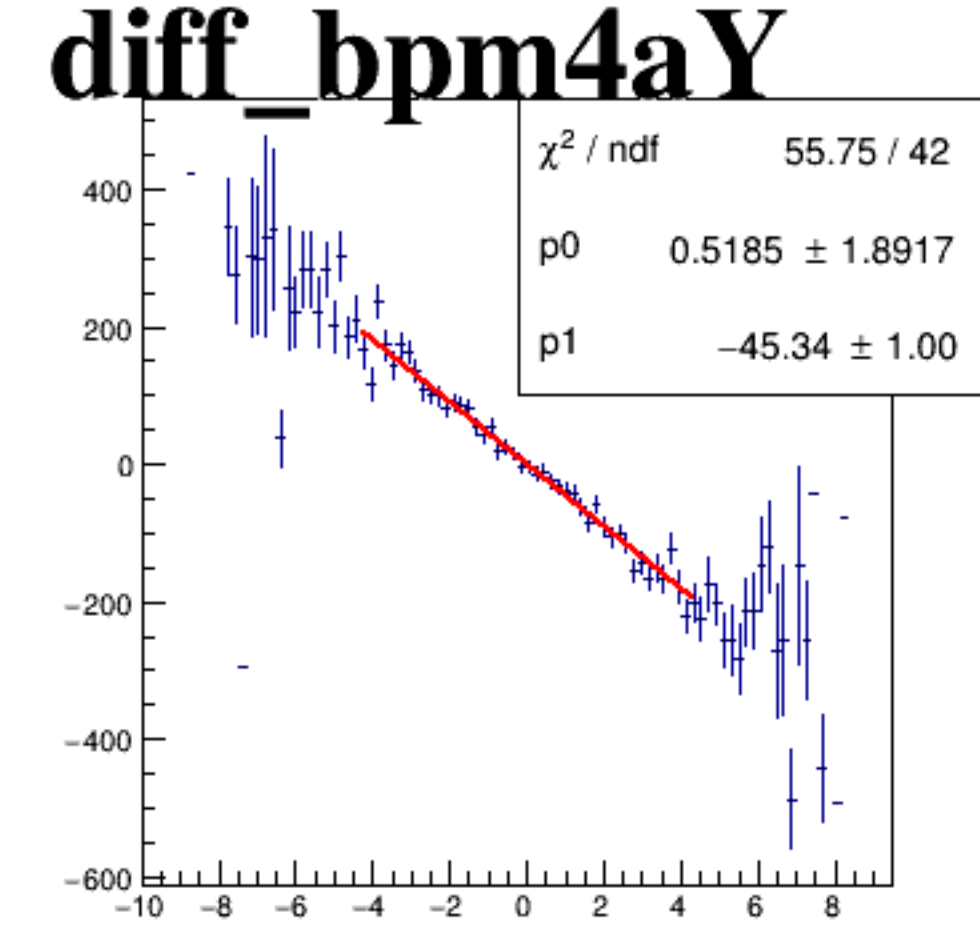
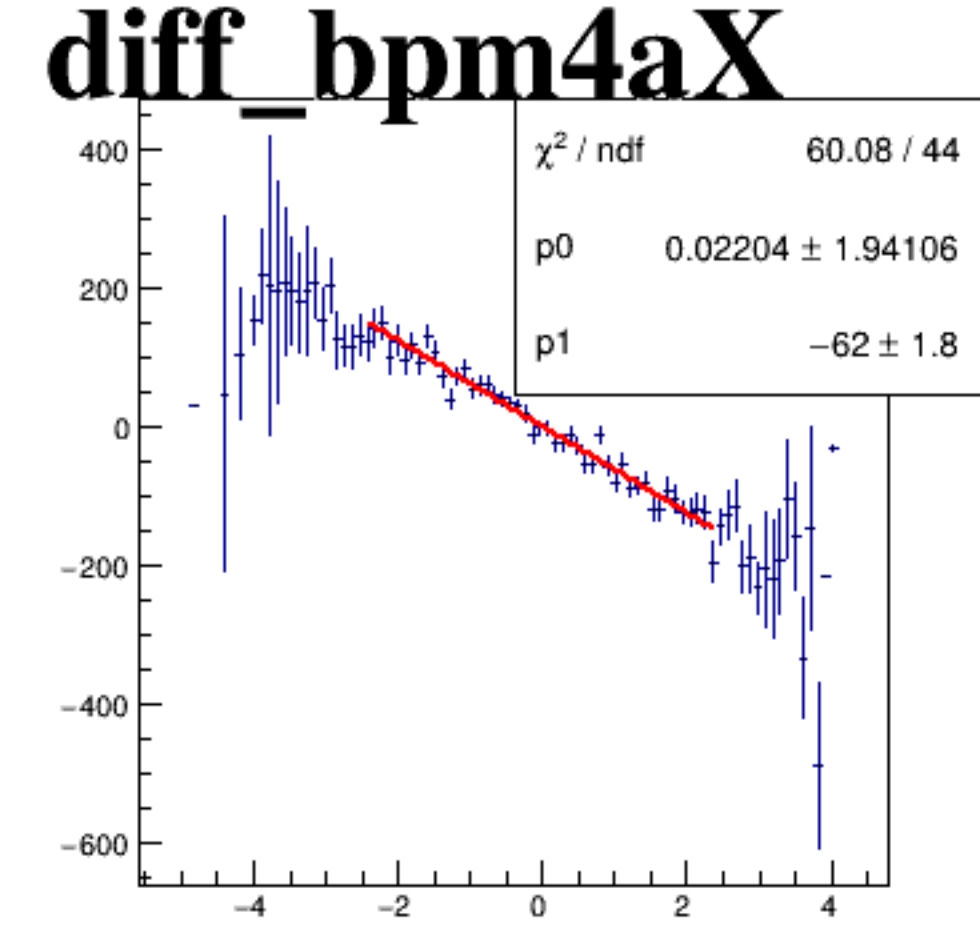
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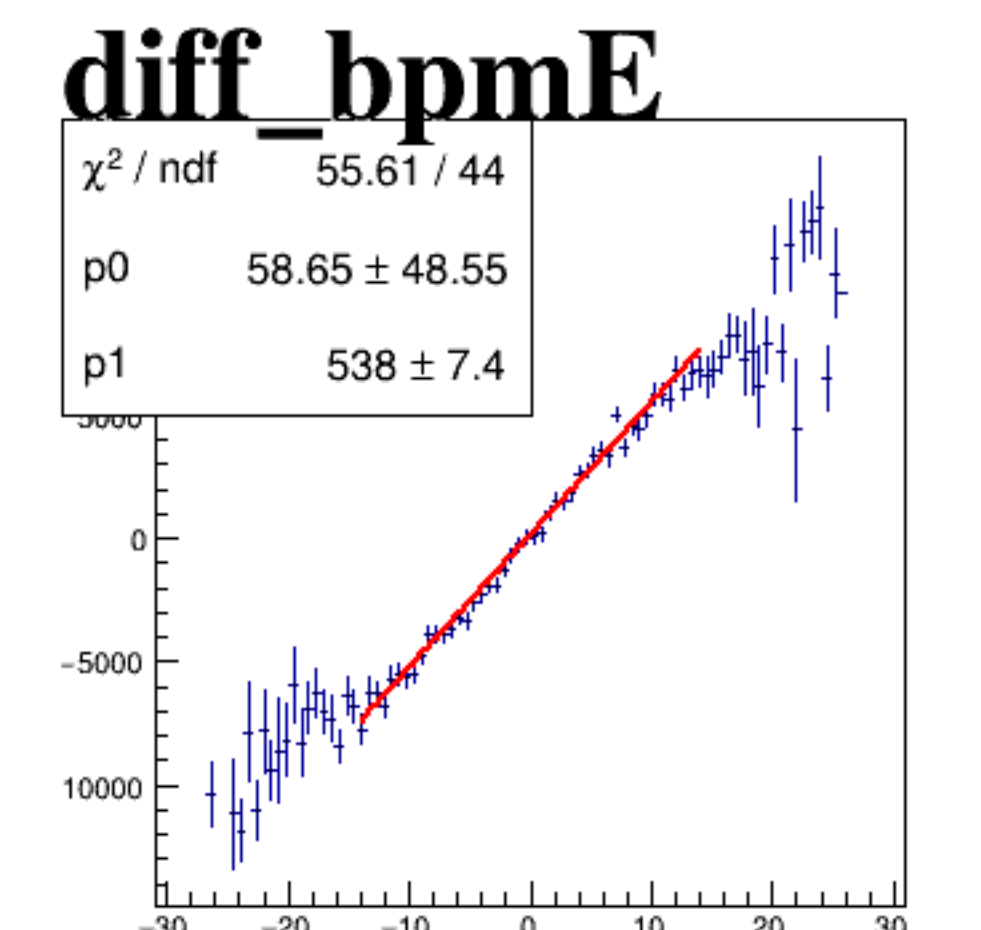
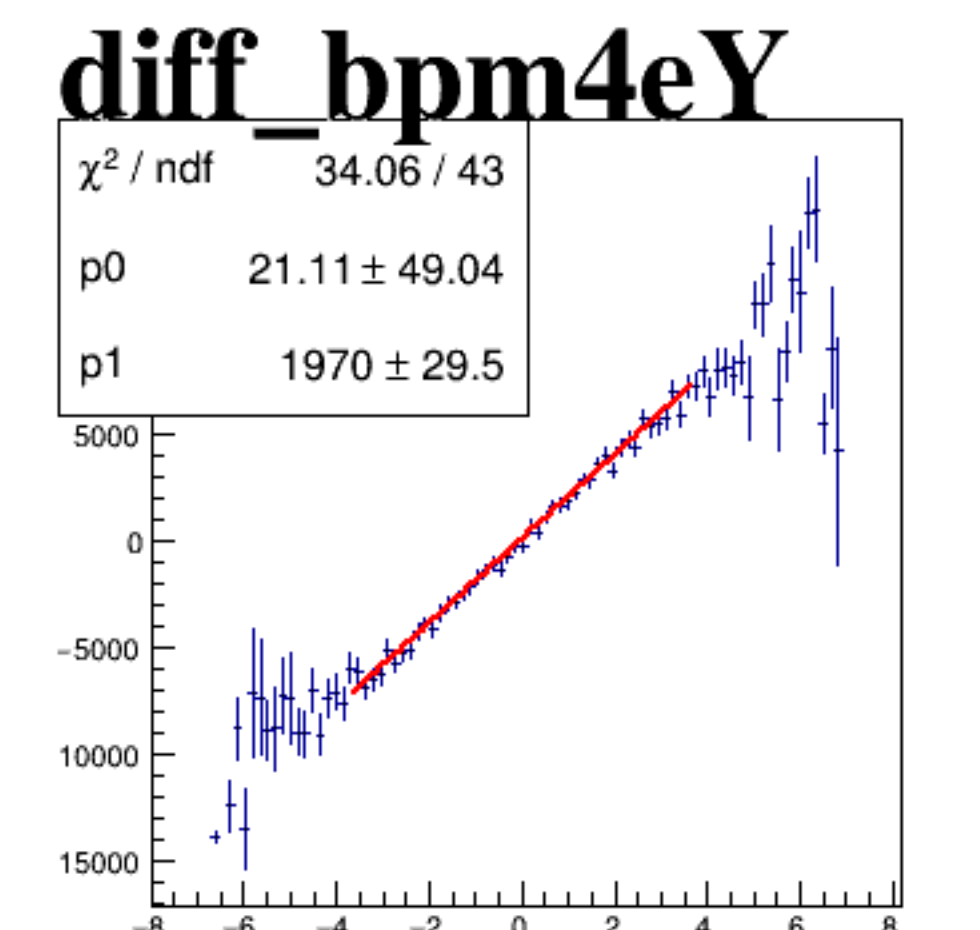
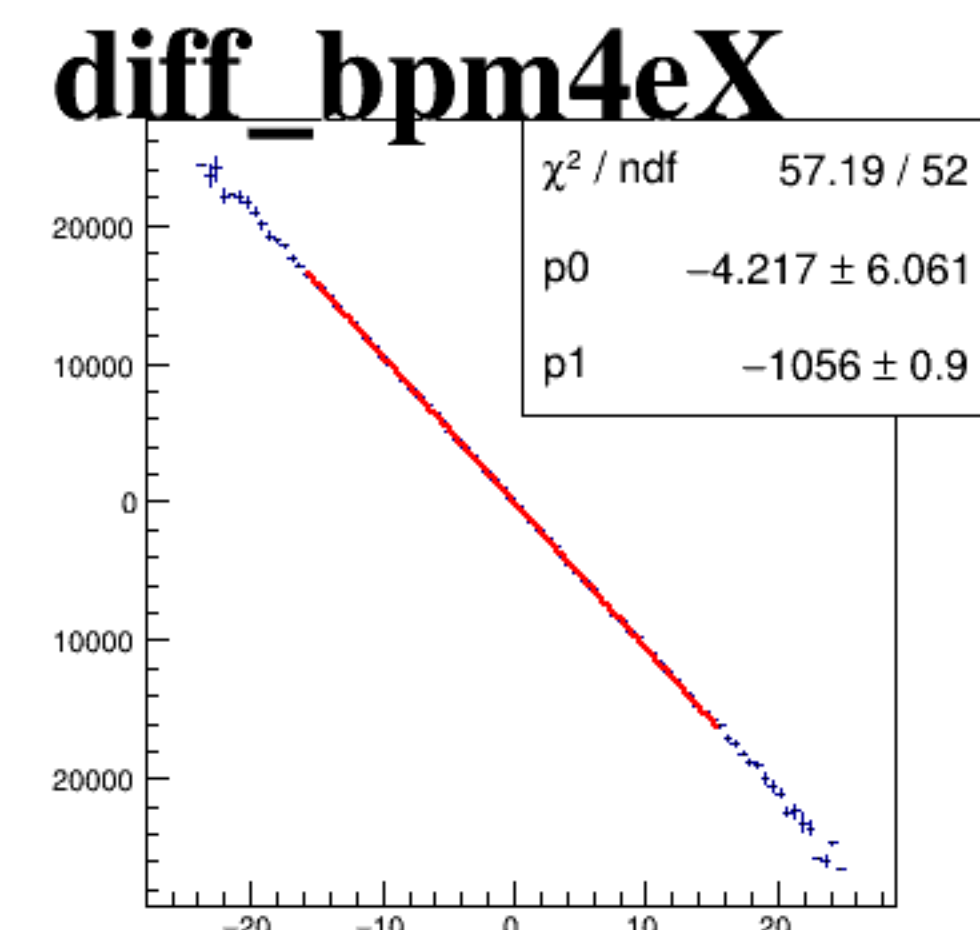
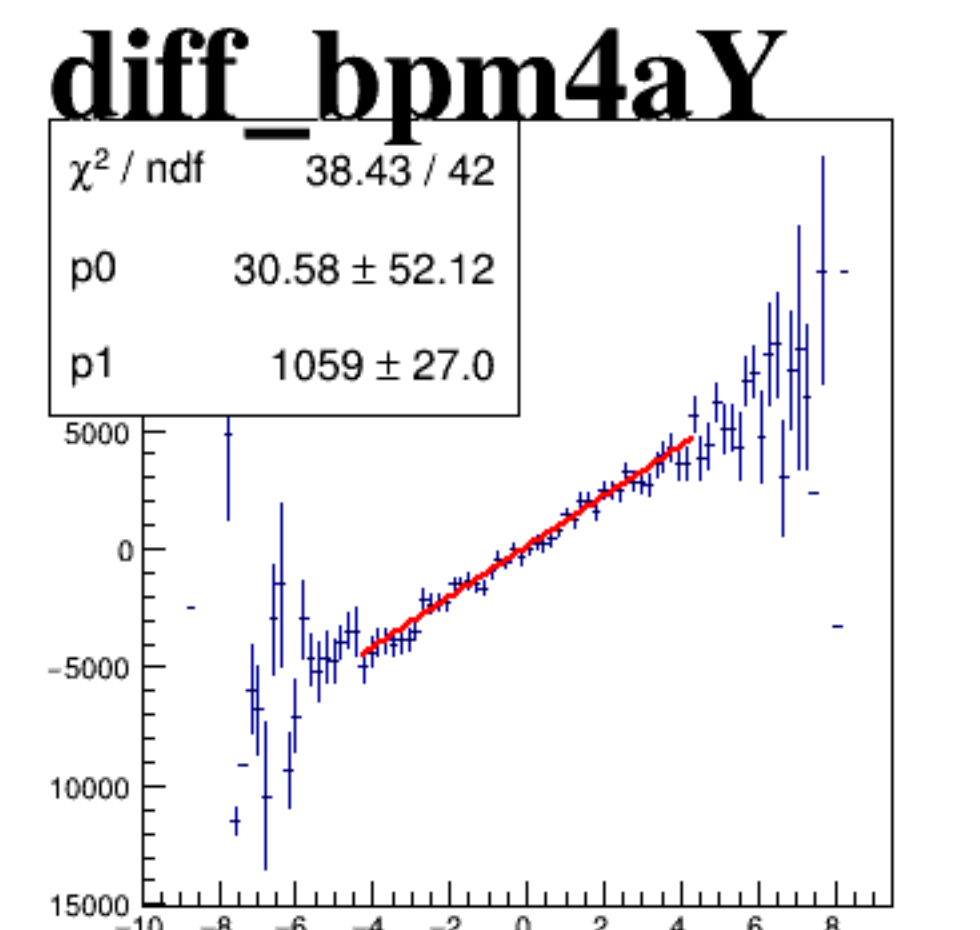
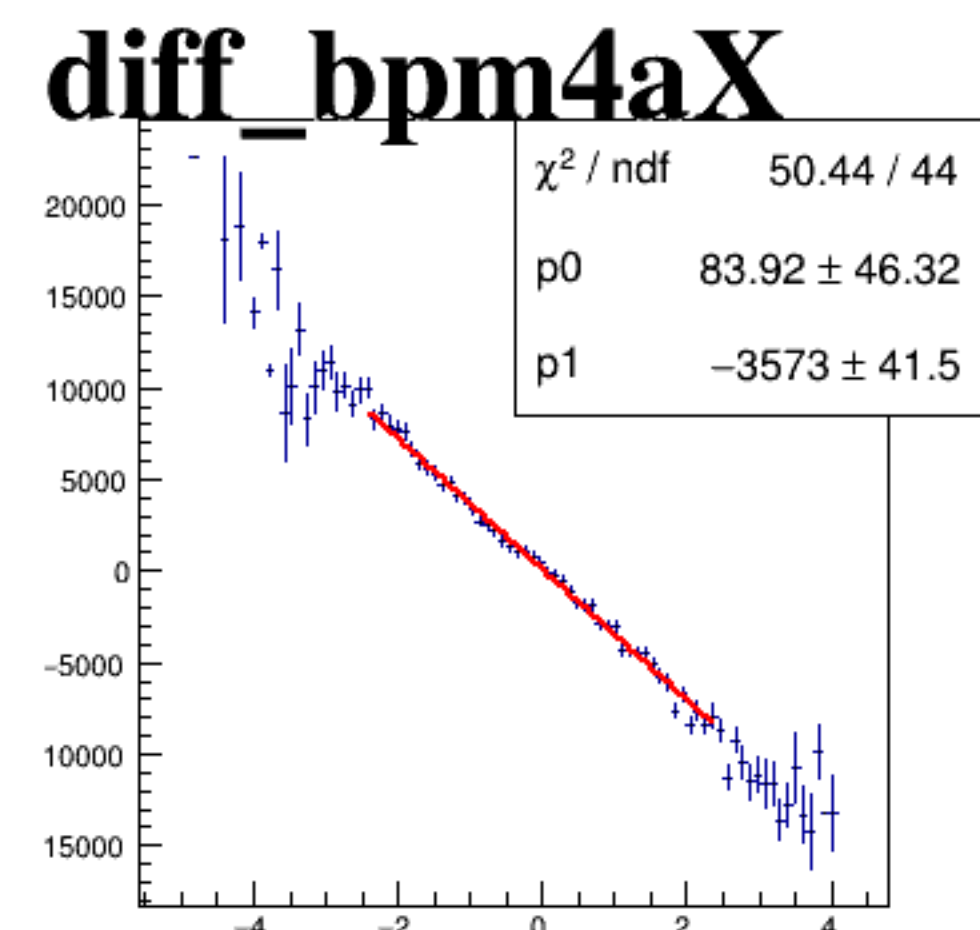
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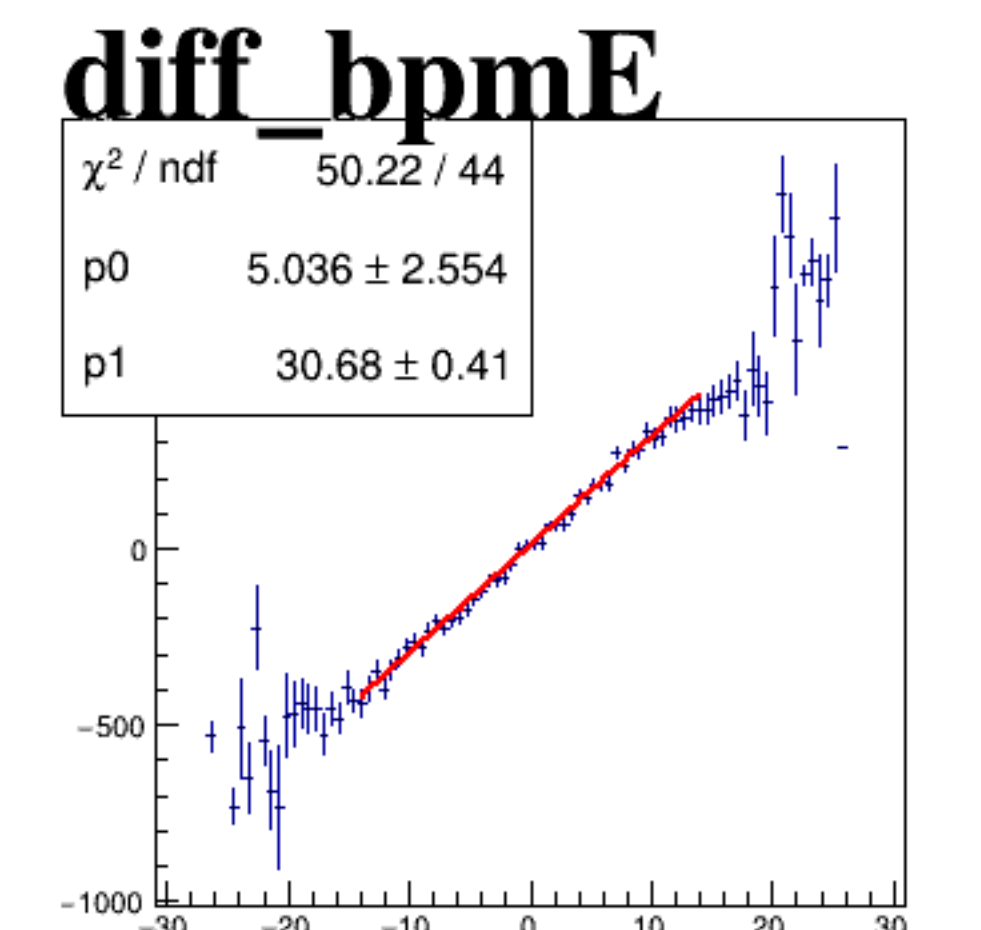
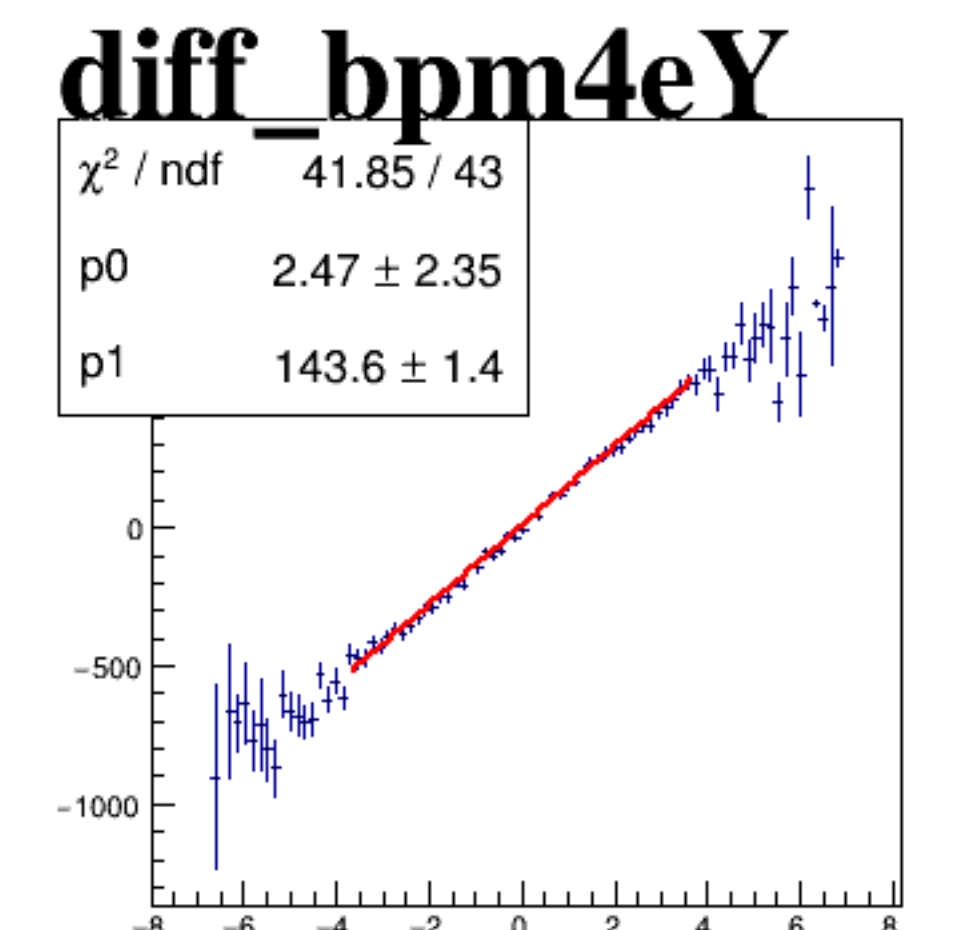
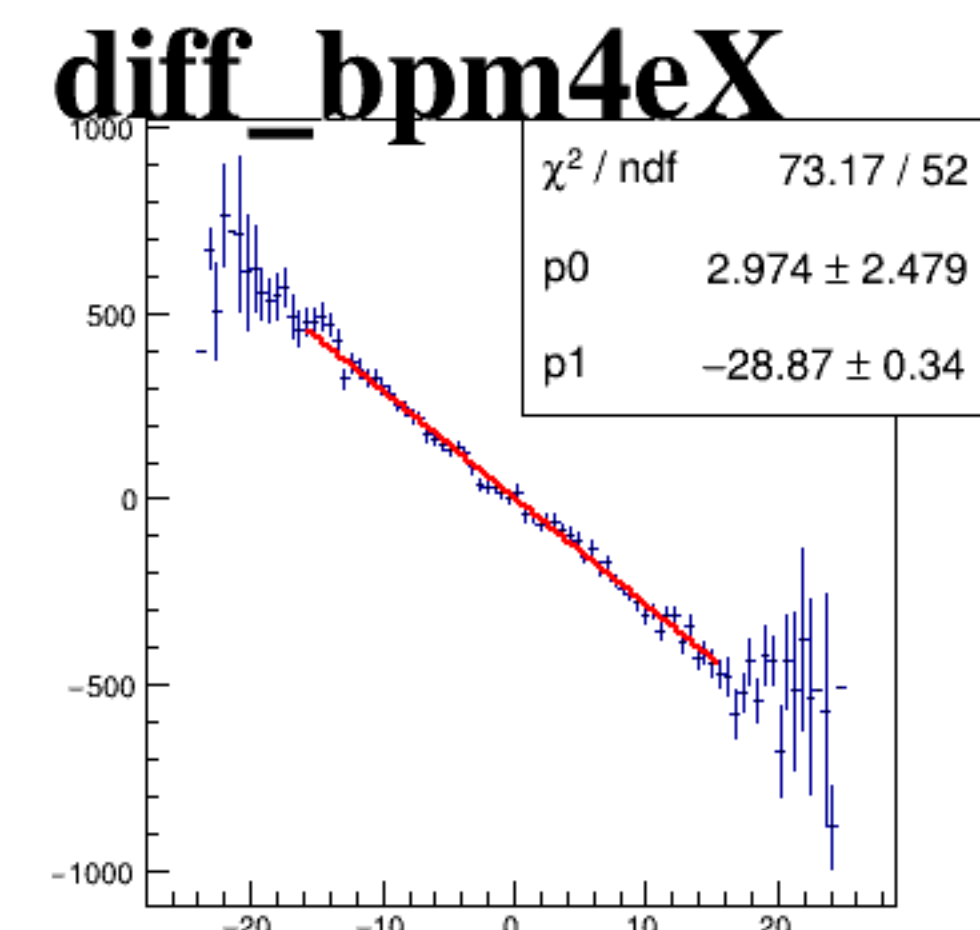
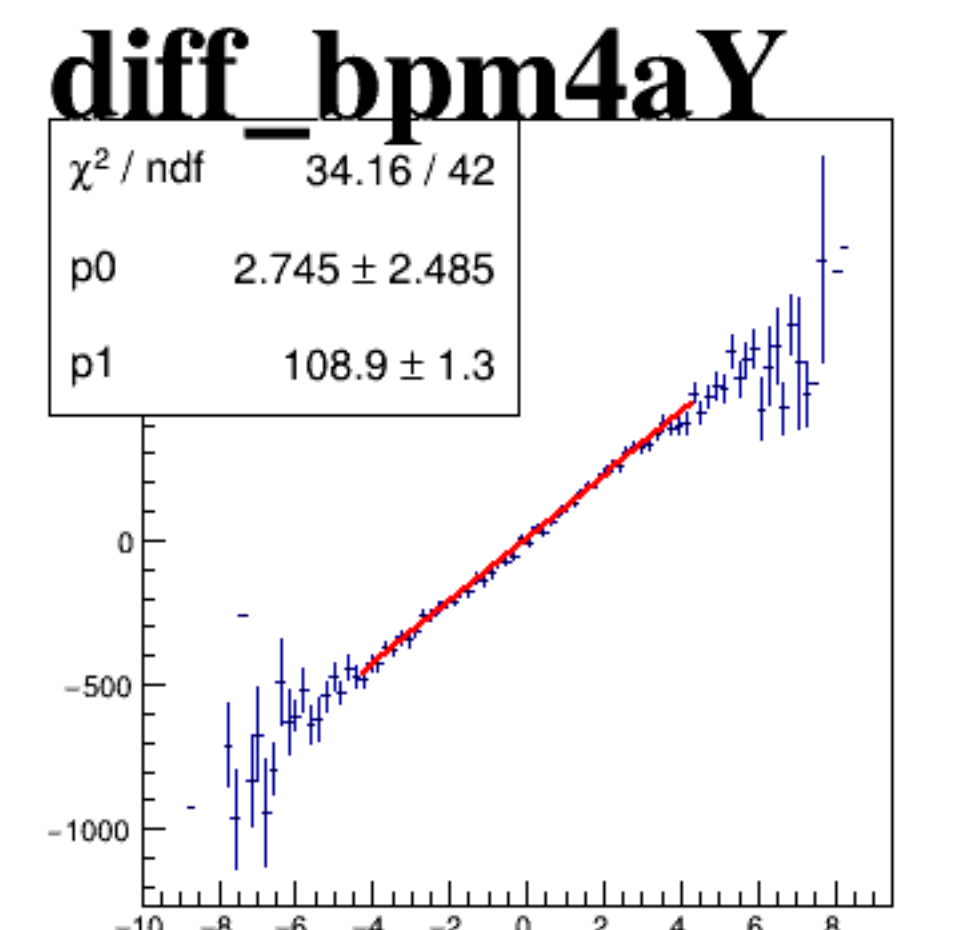
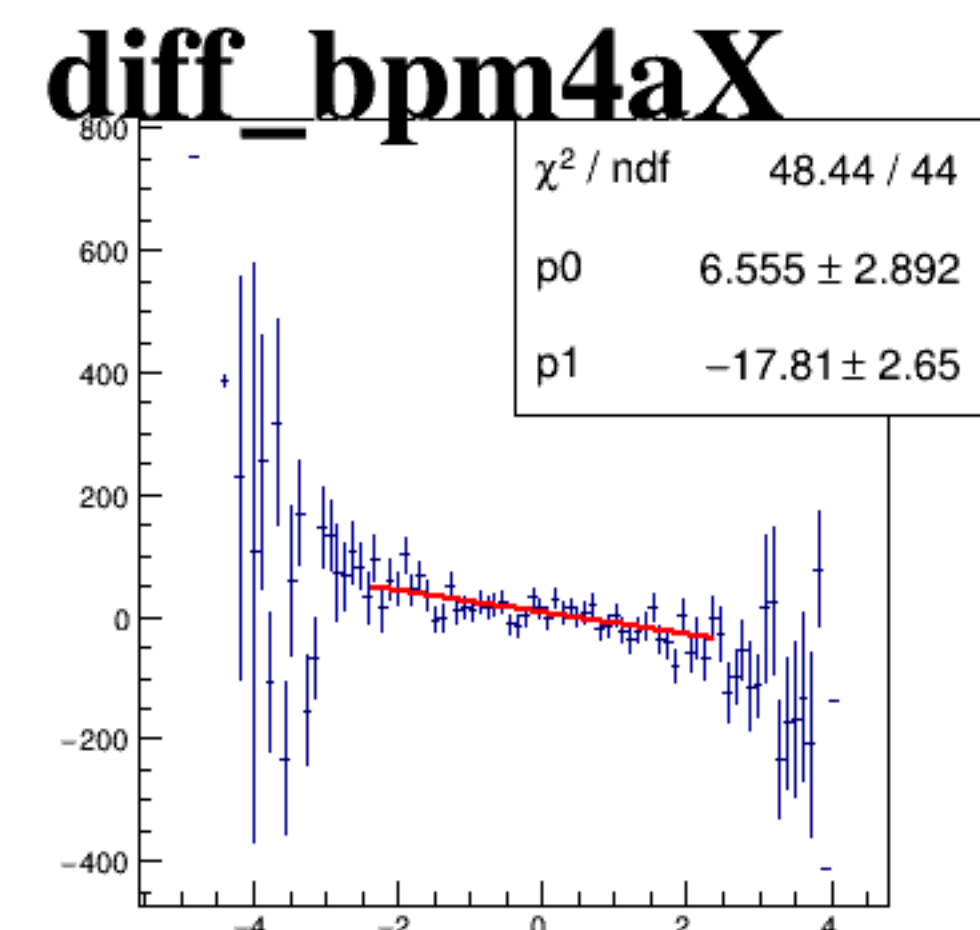
asym_sam1



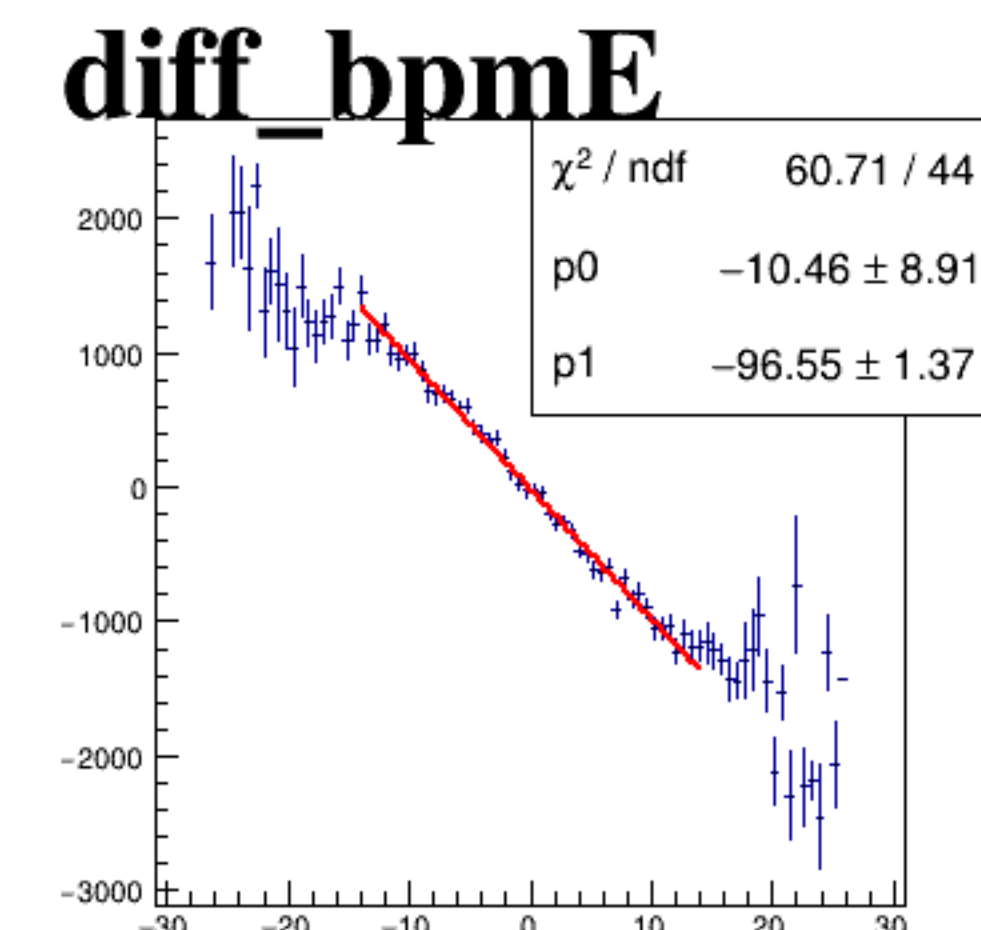
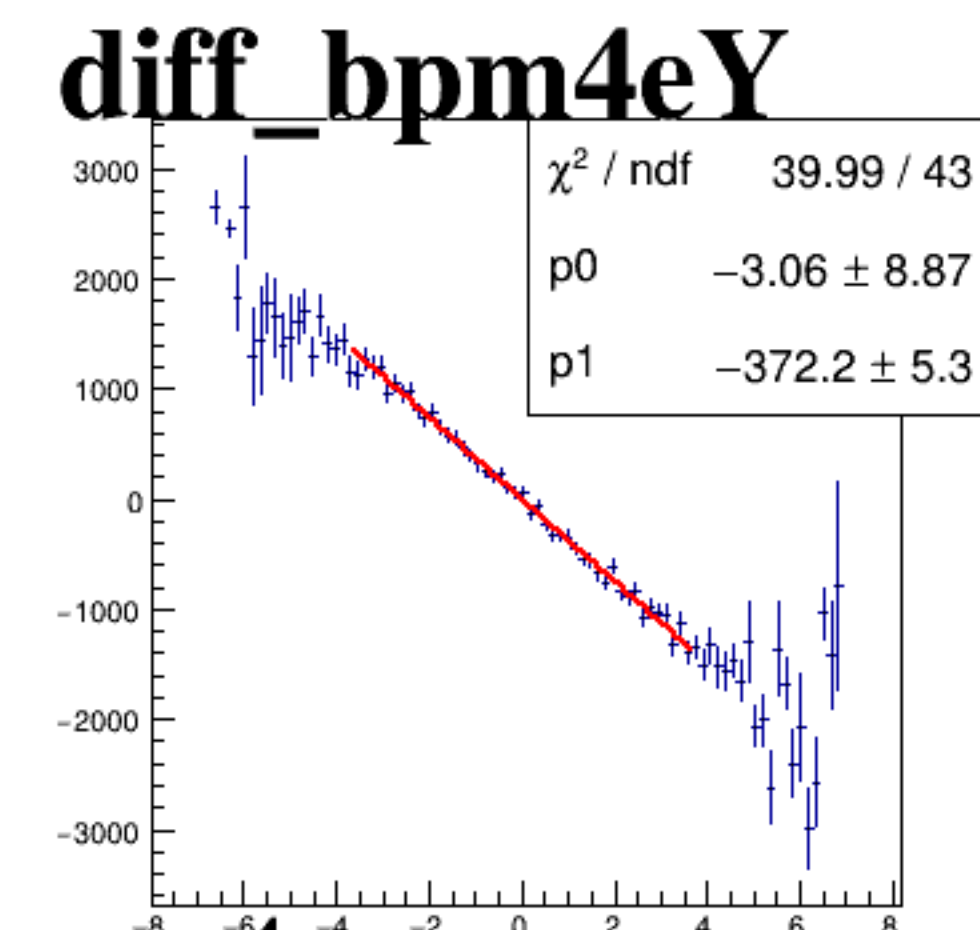
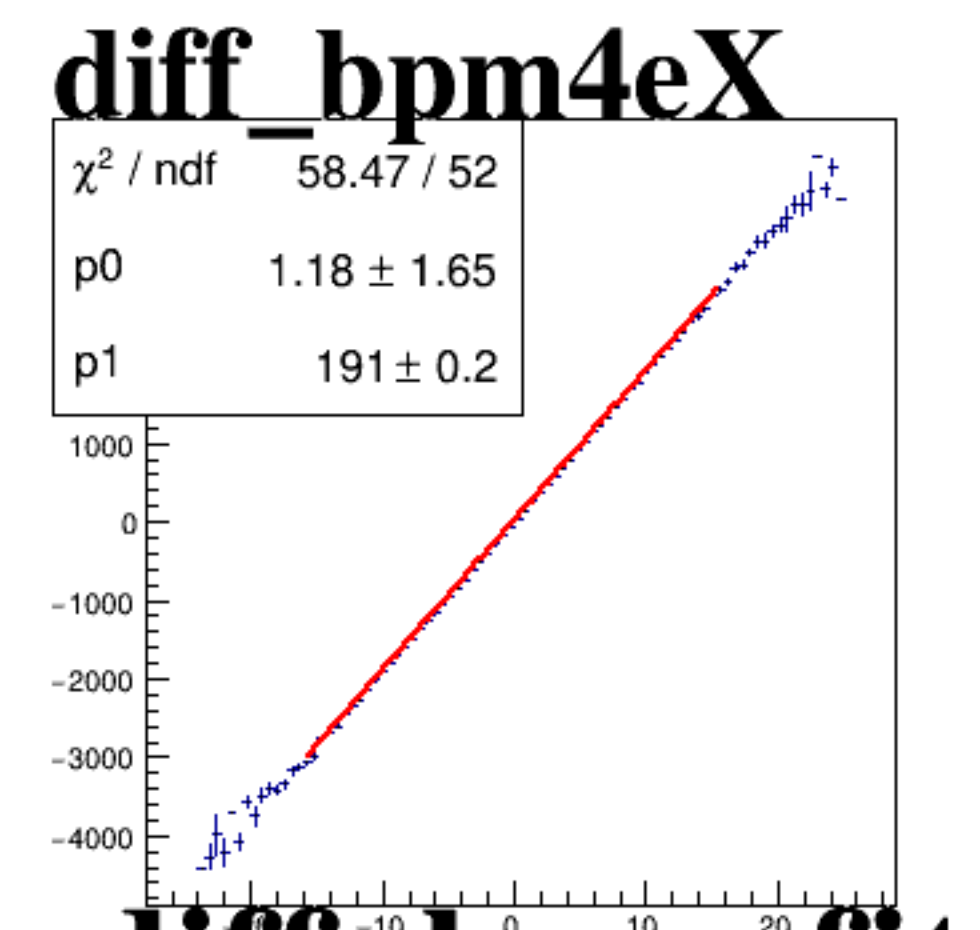
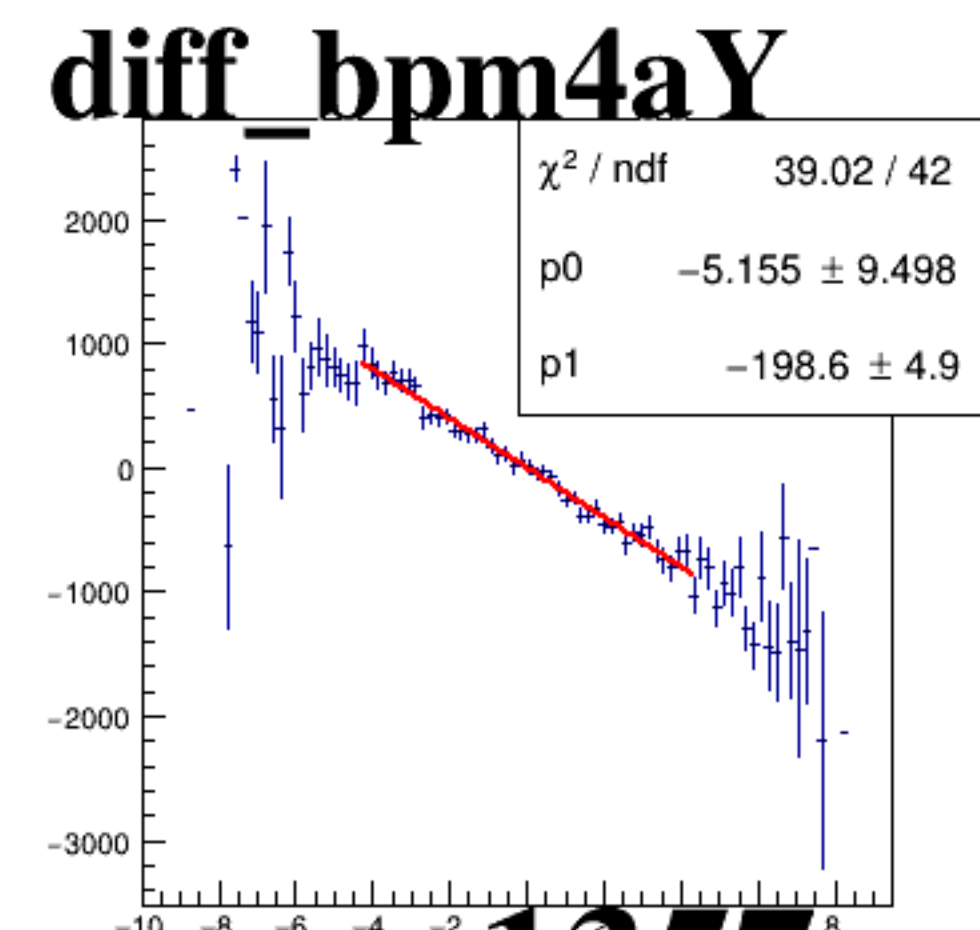
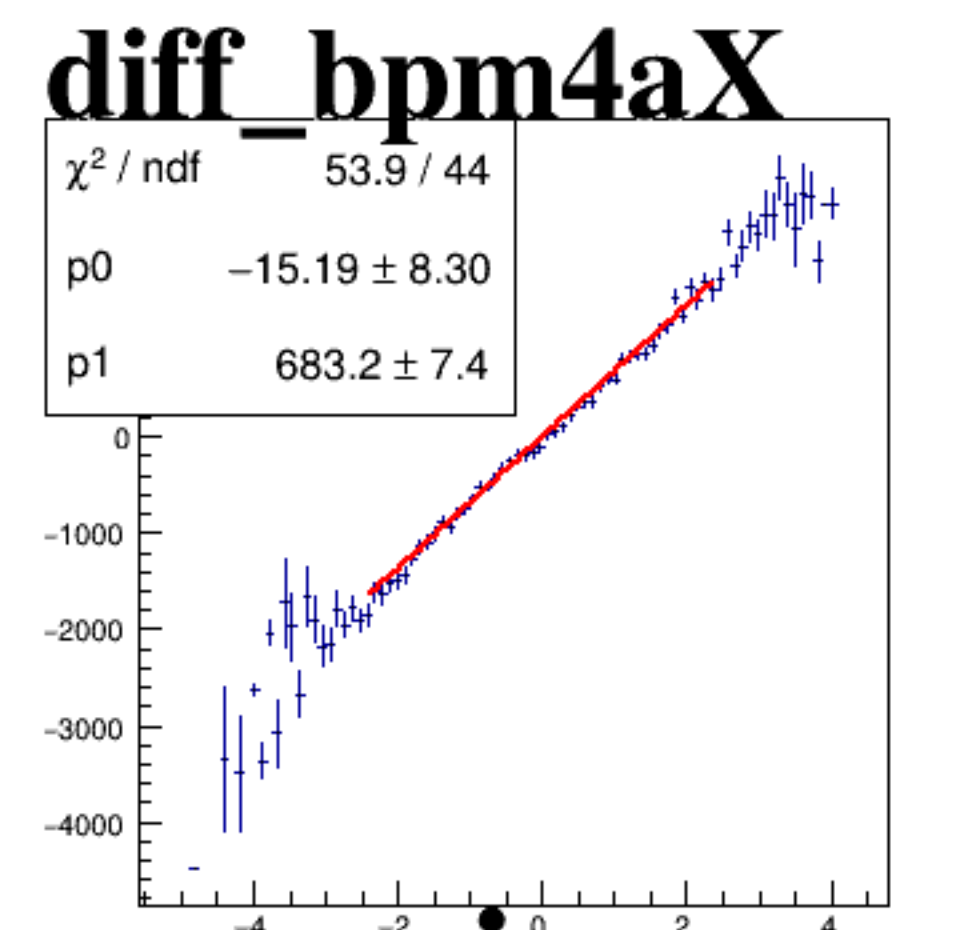
asym_sam3



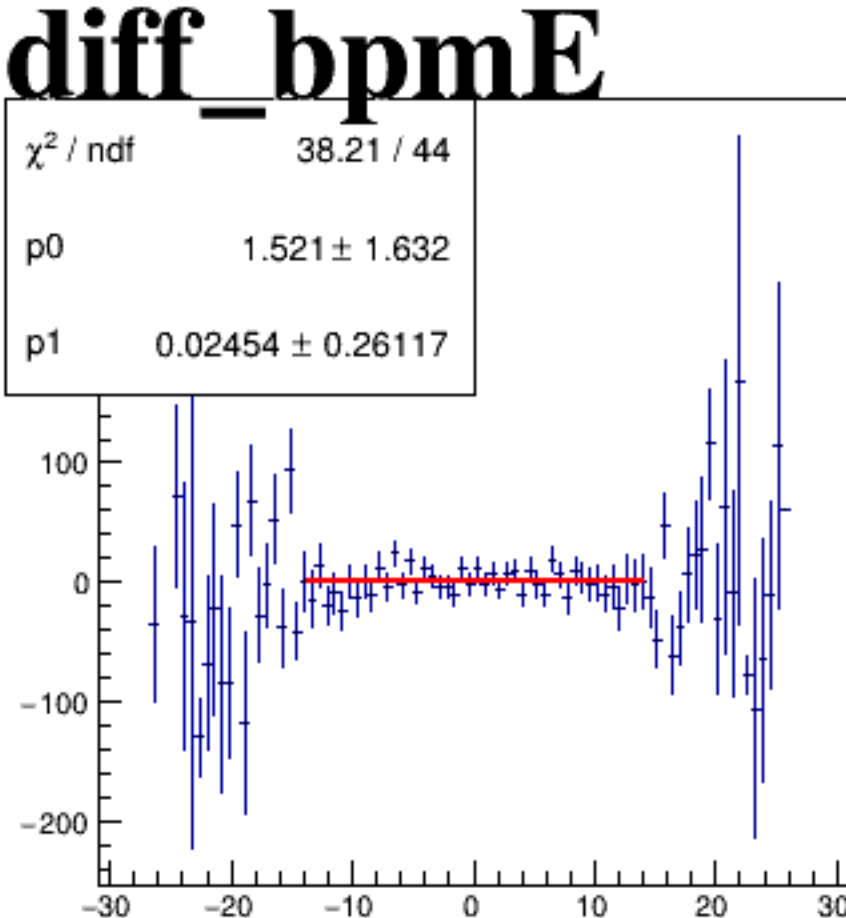
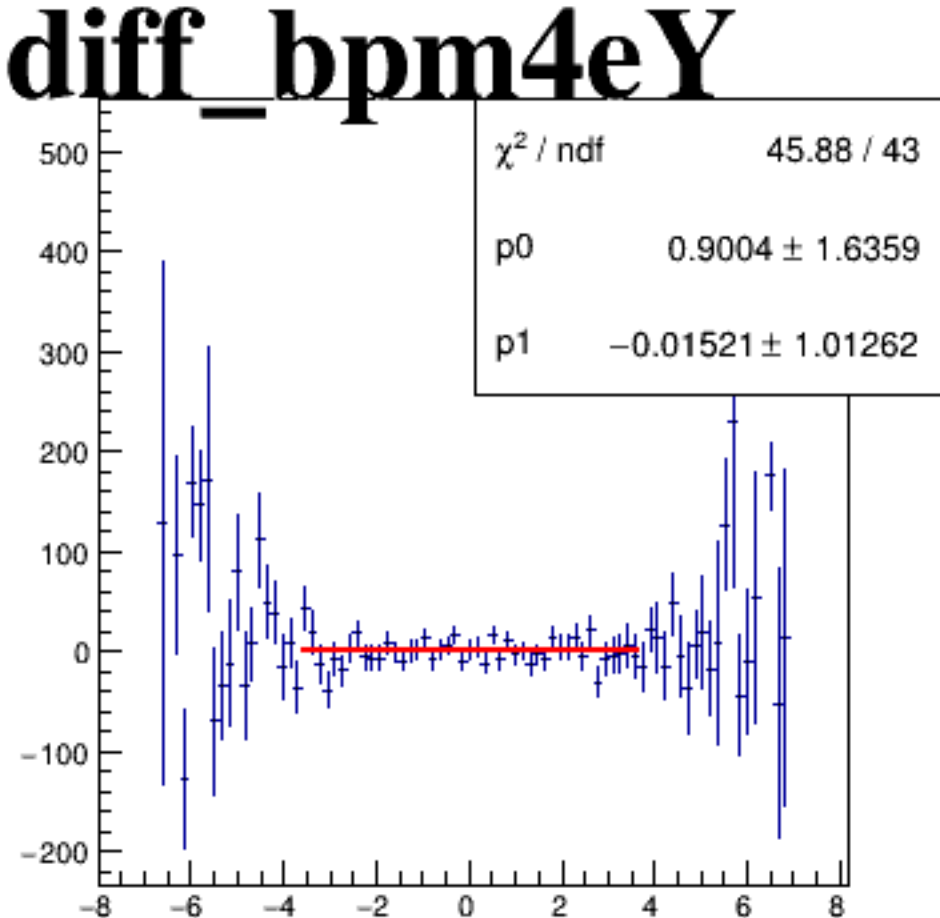
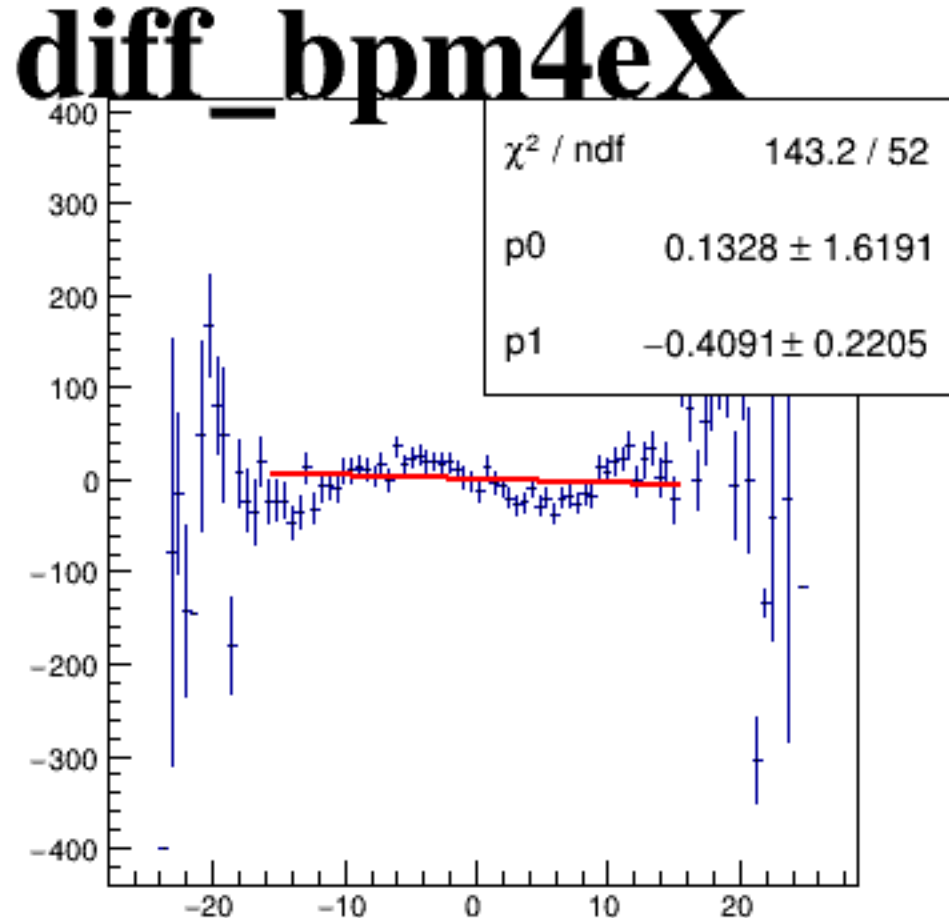
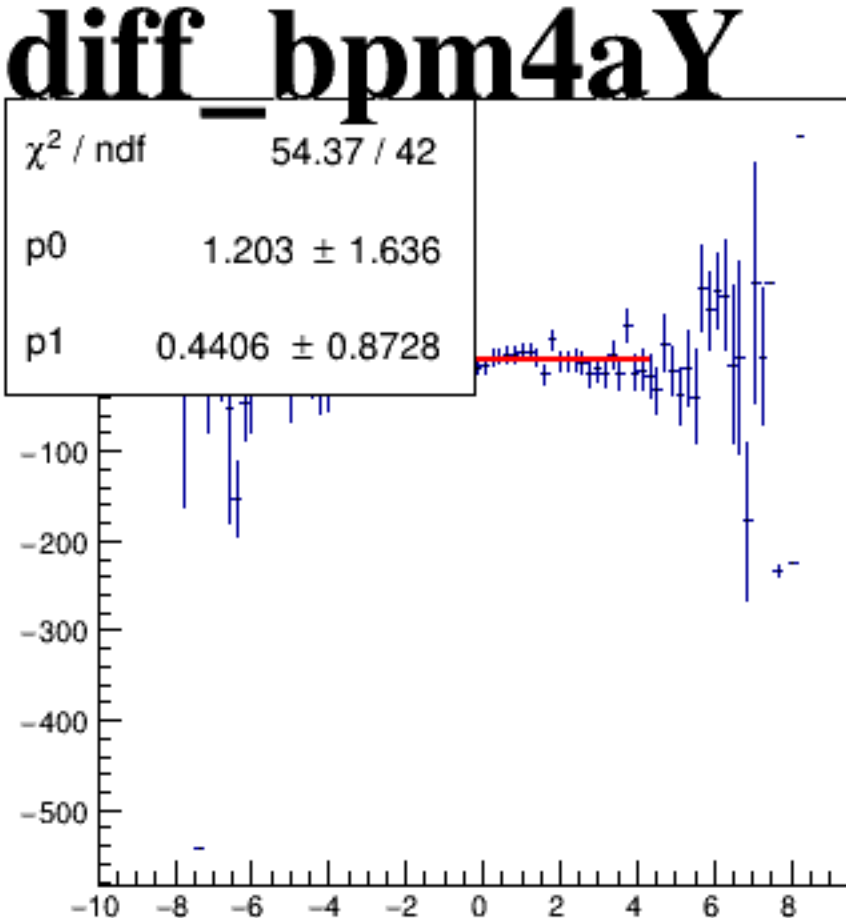
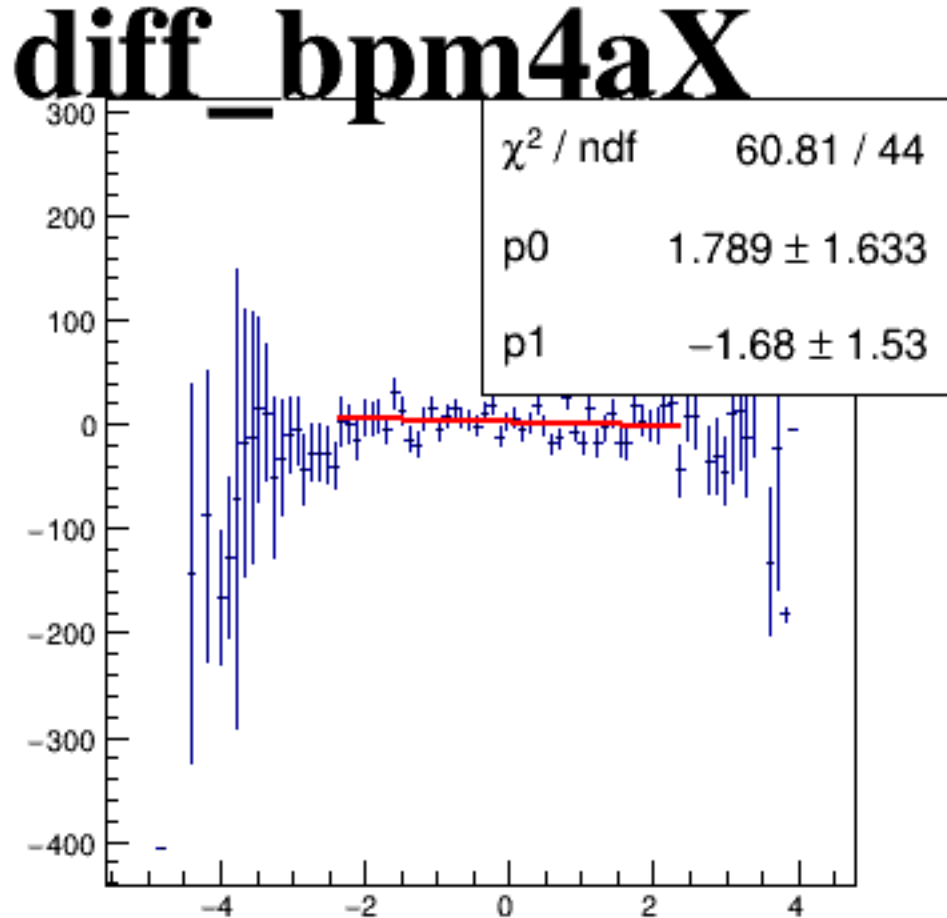
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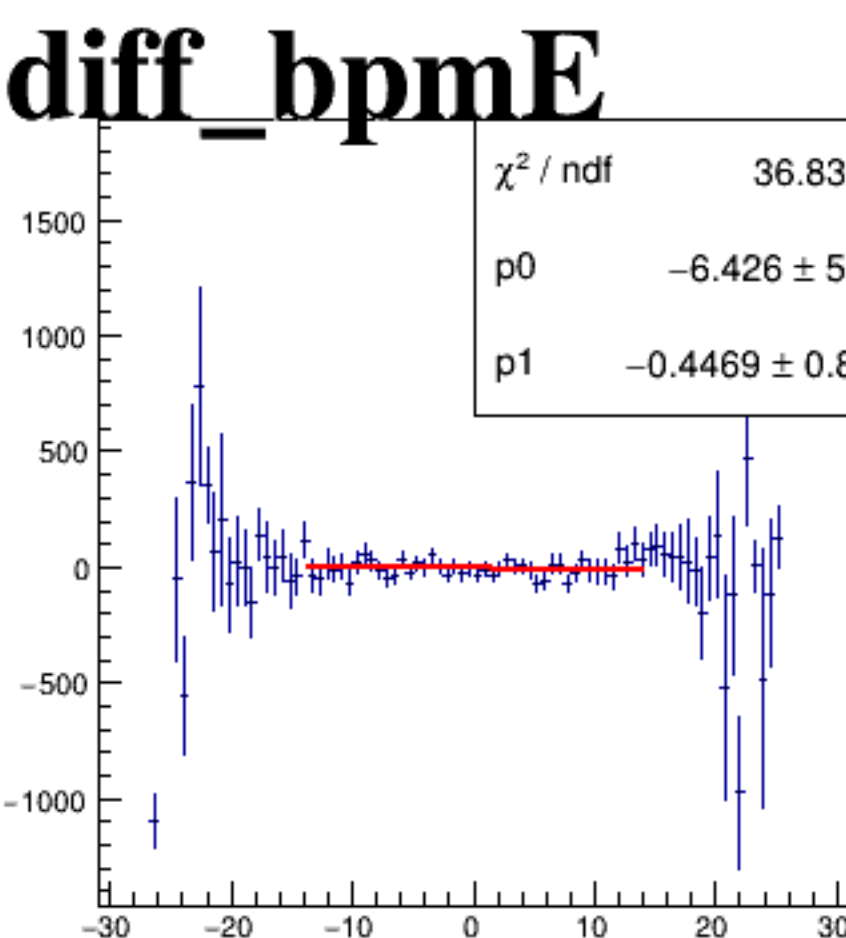
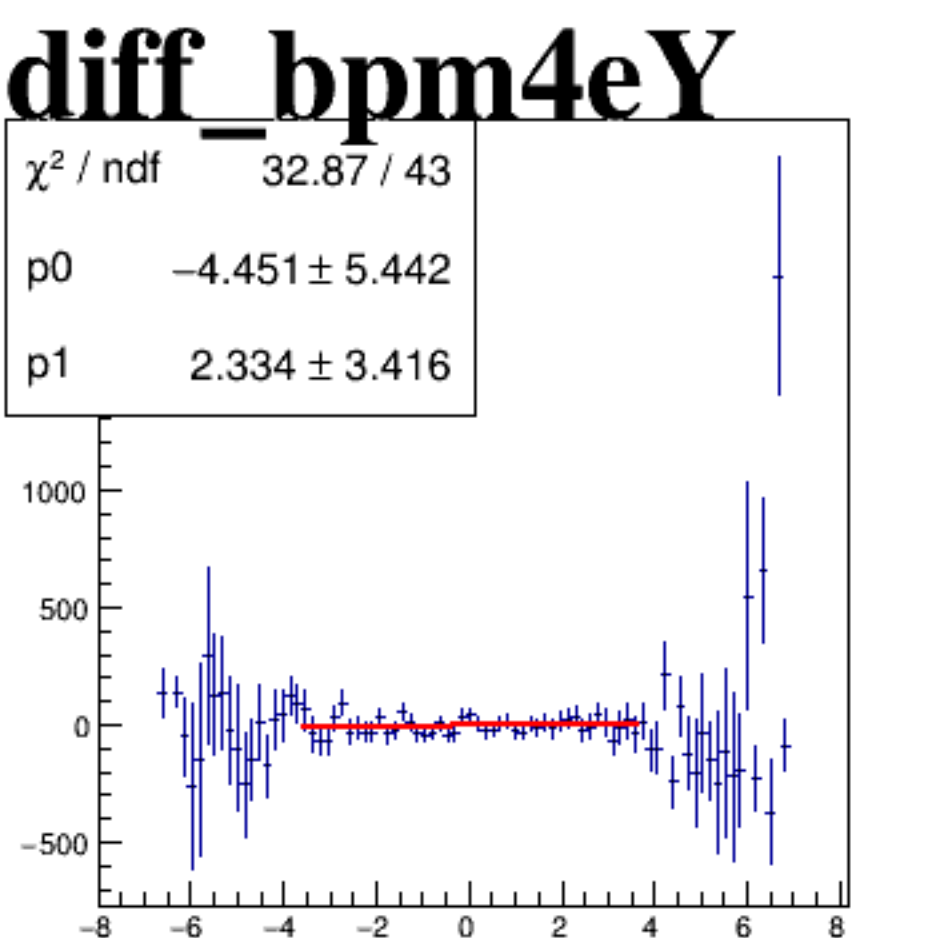
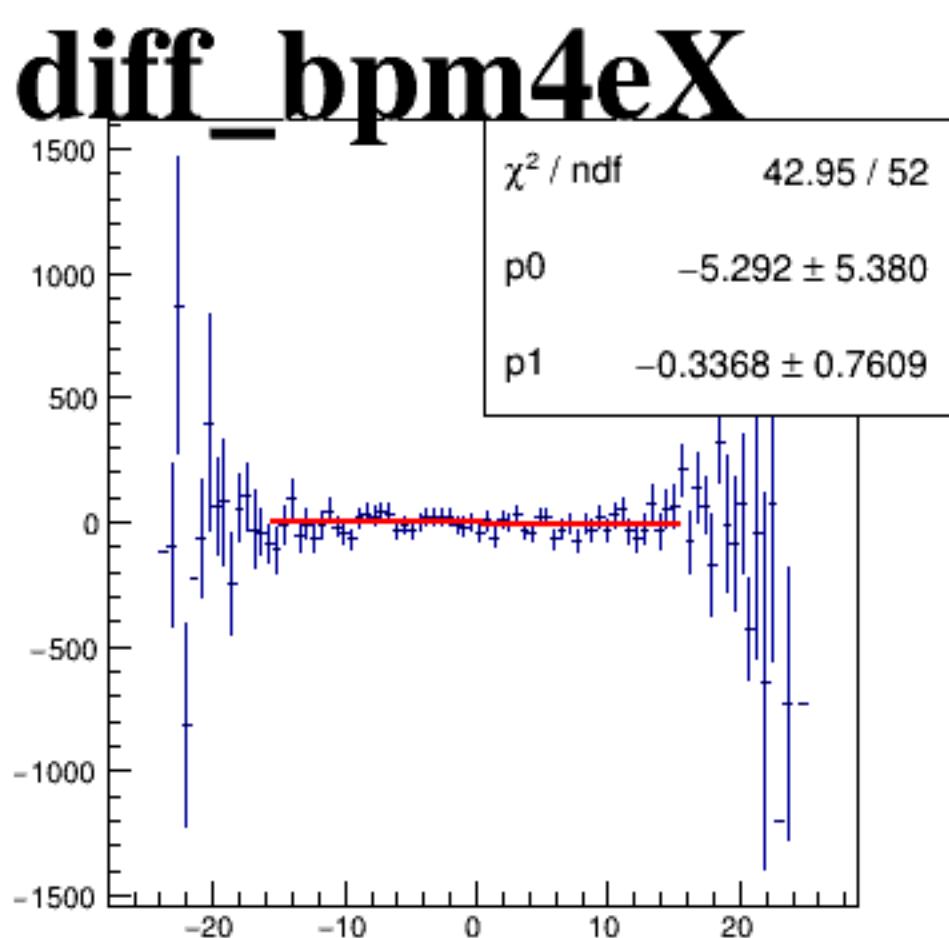
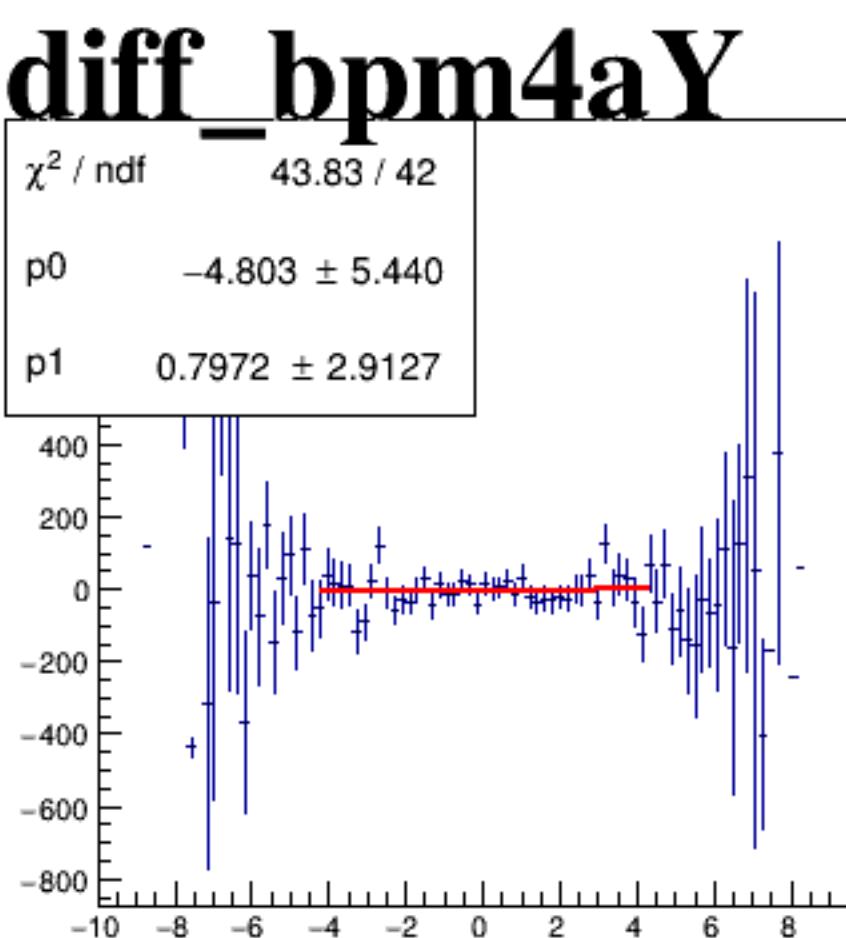
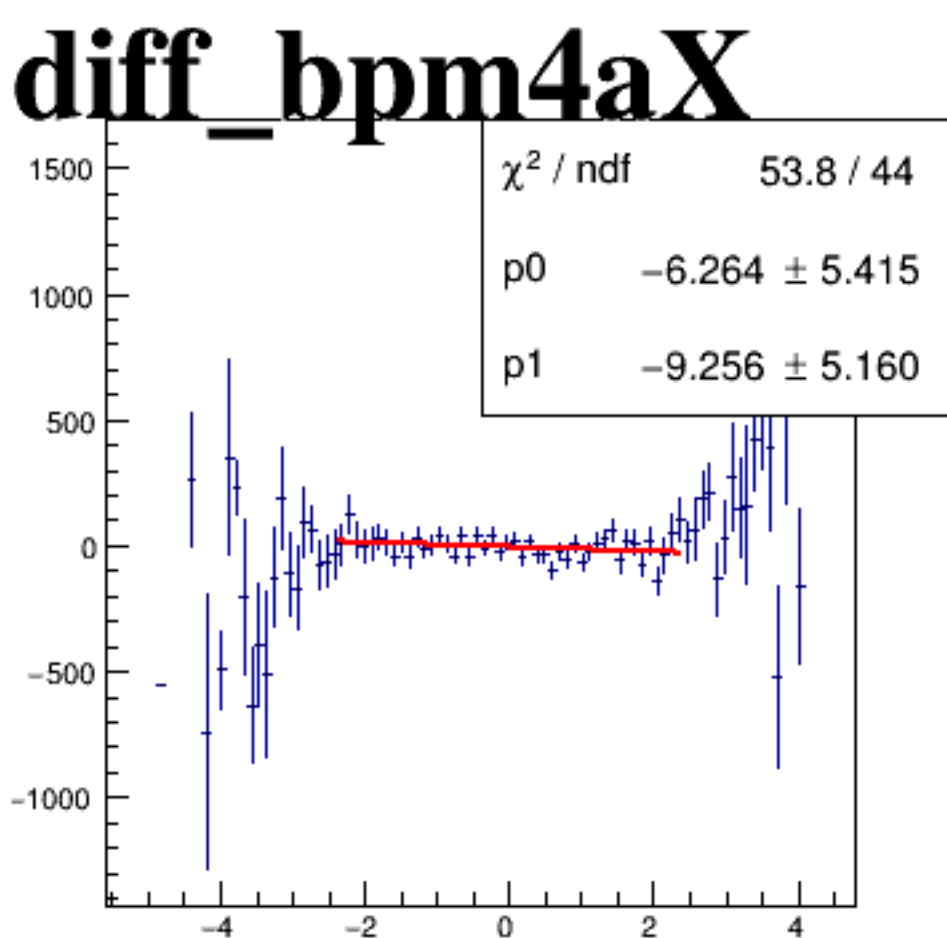
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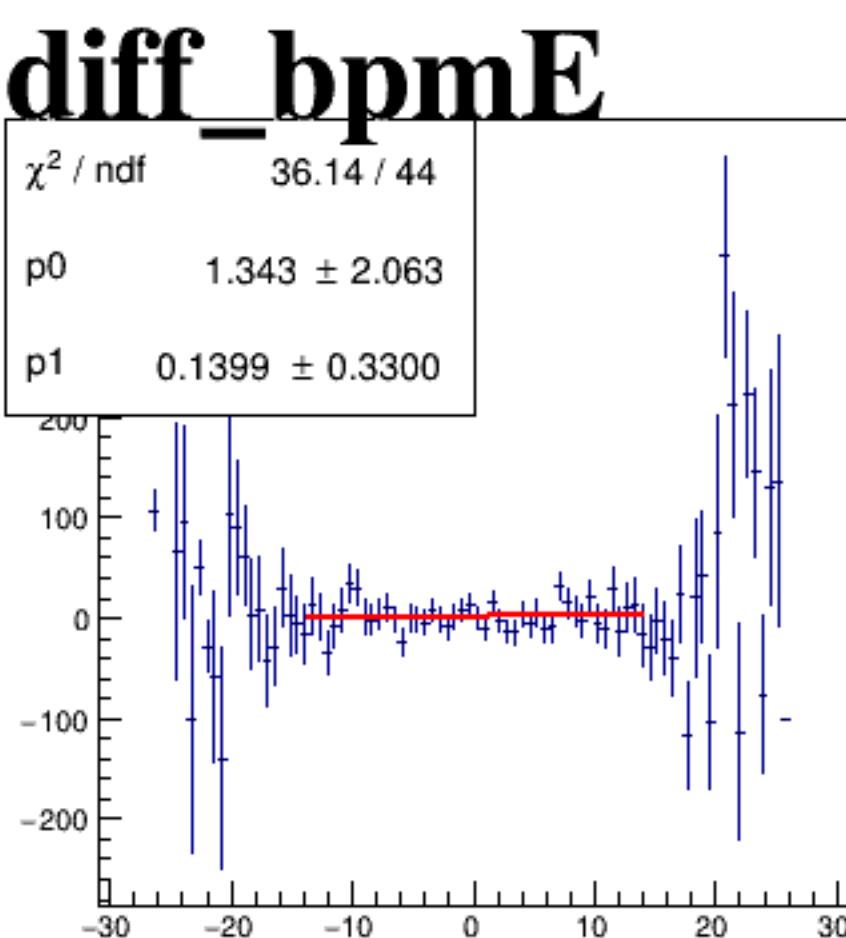
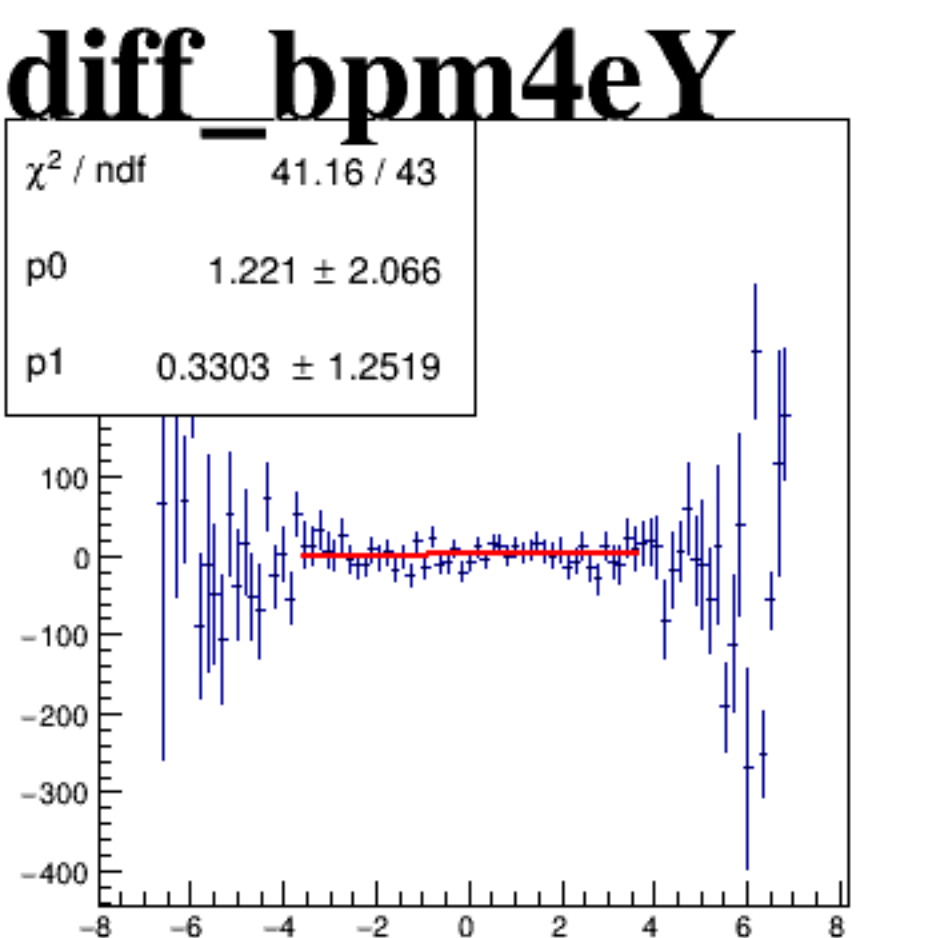
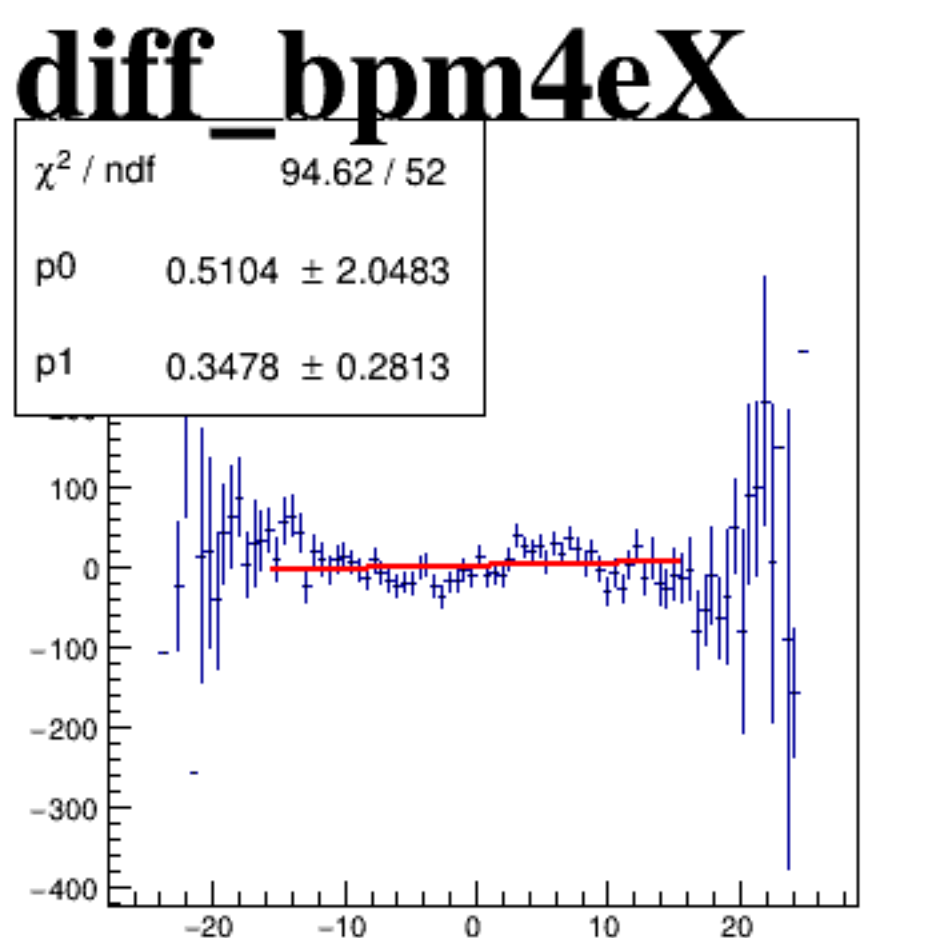
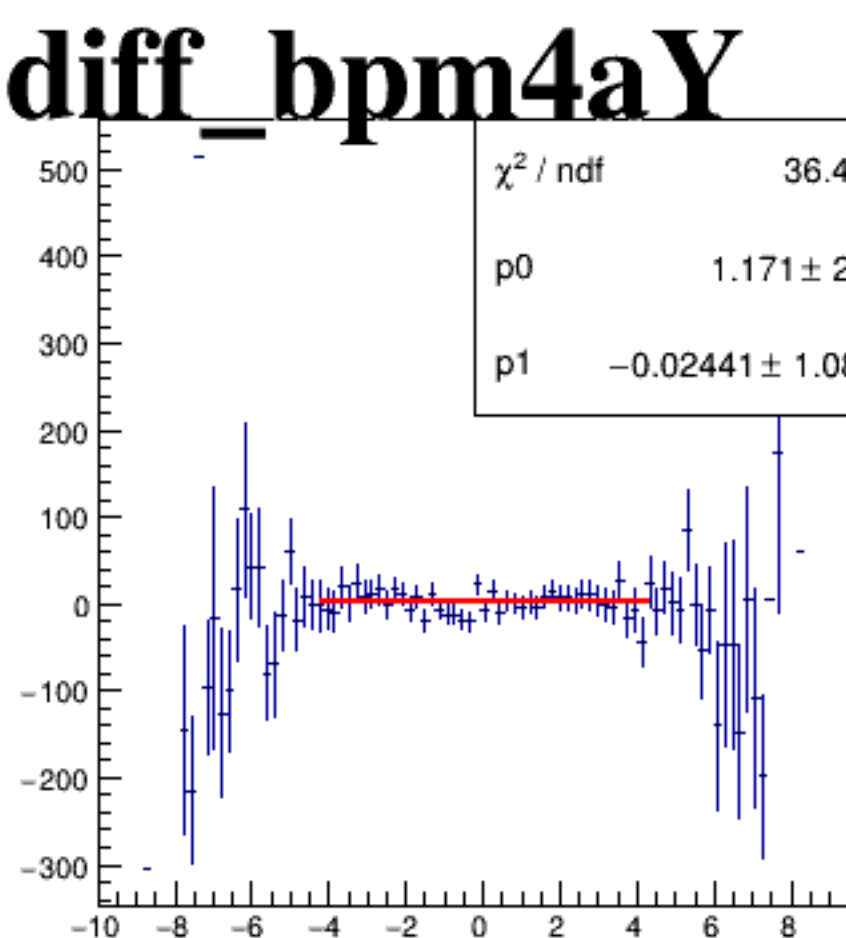
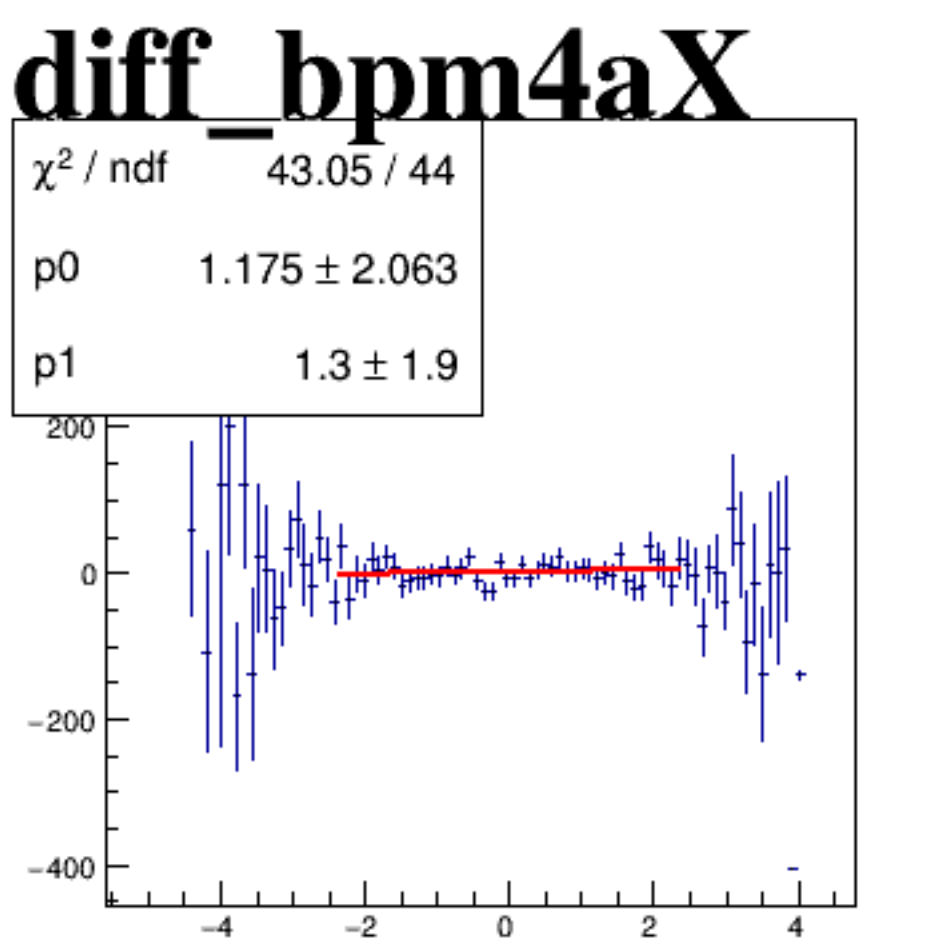
reg_asym_sam1



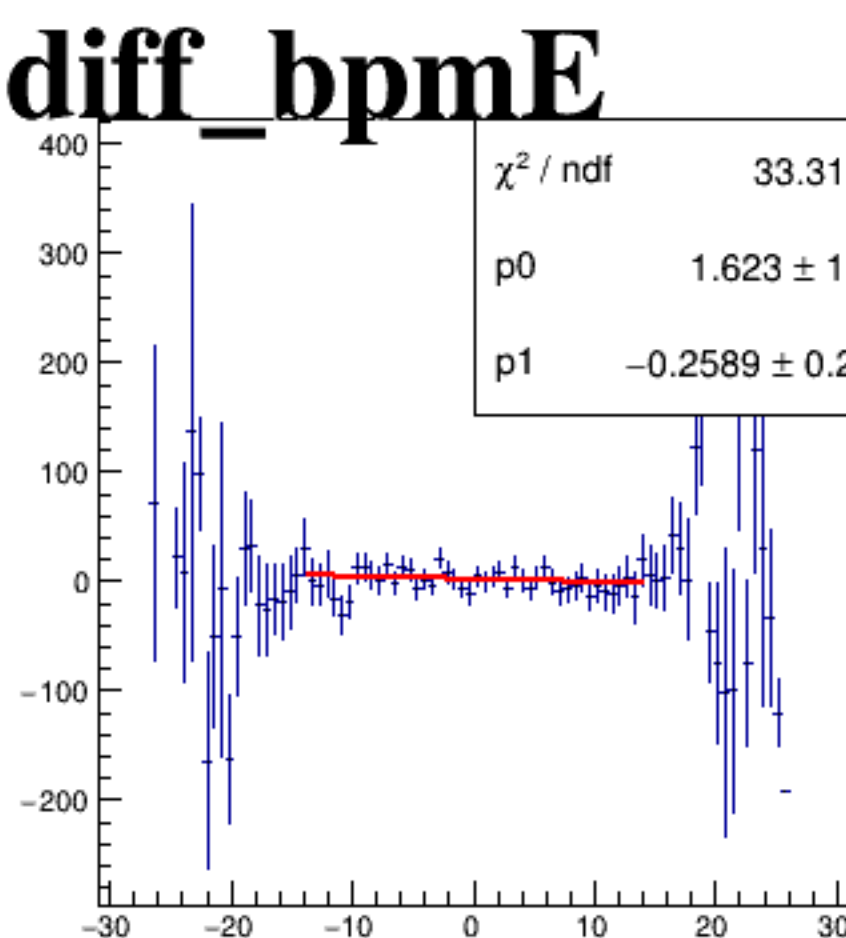
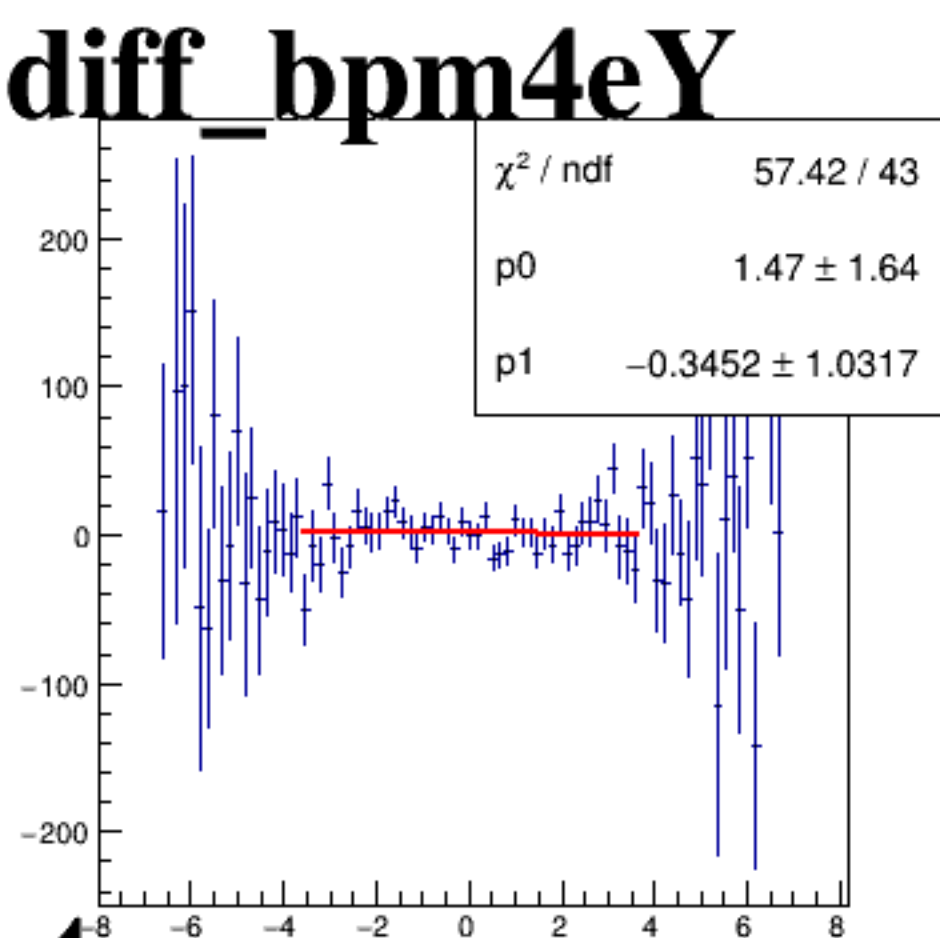
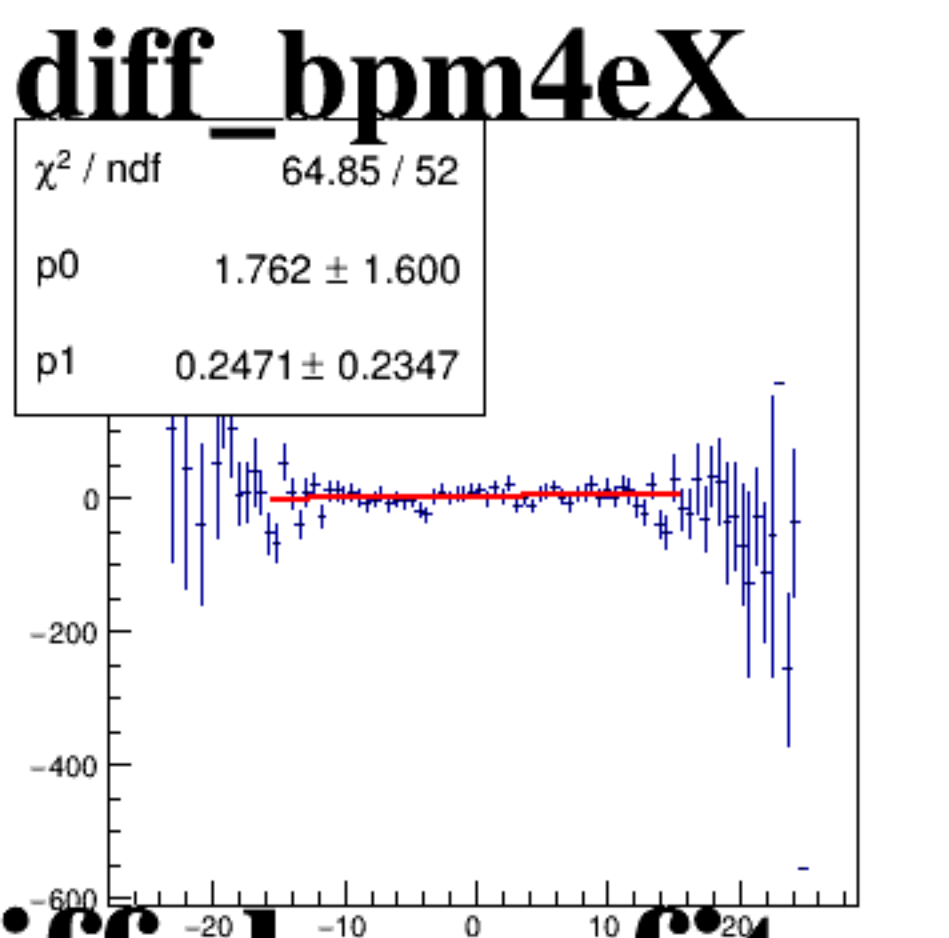
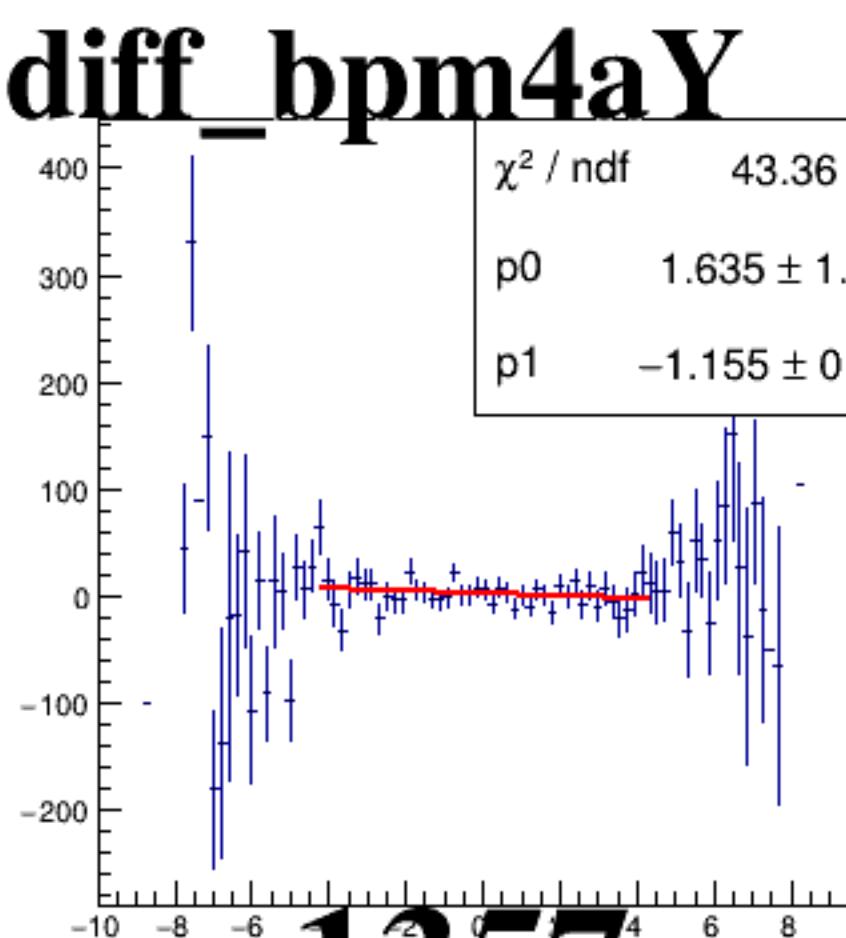
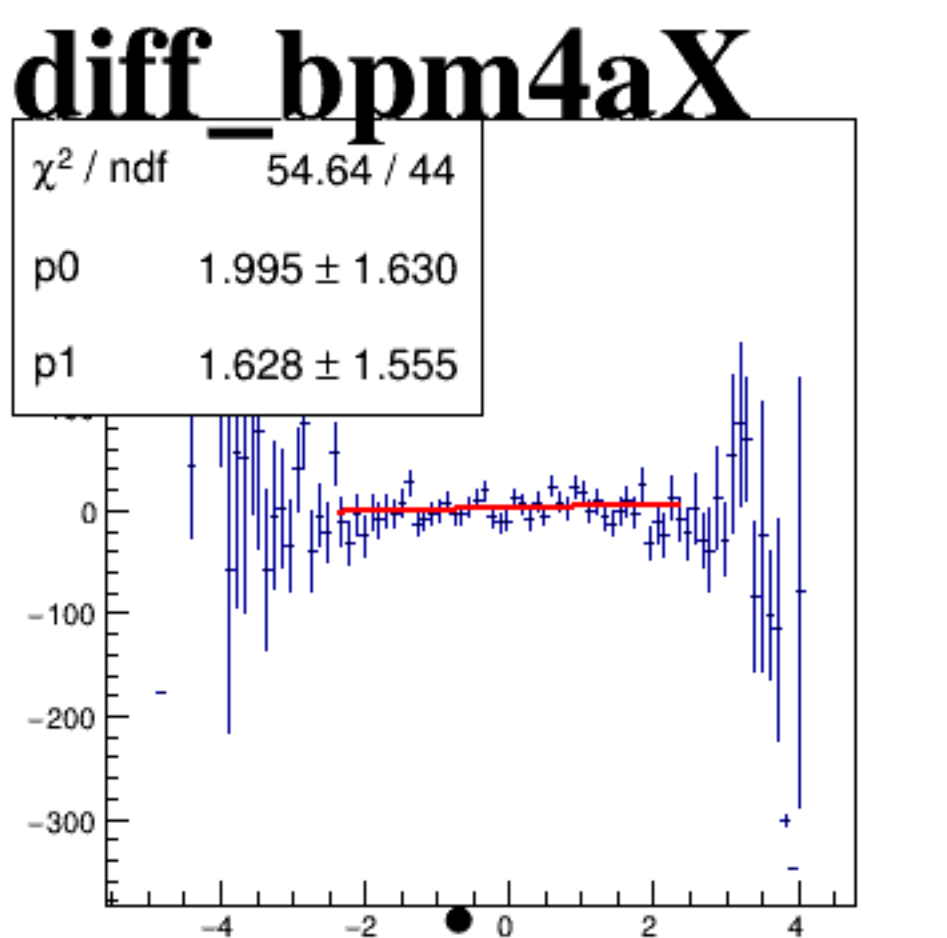
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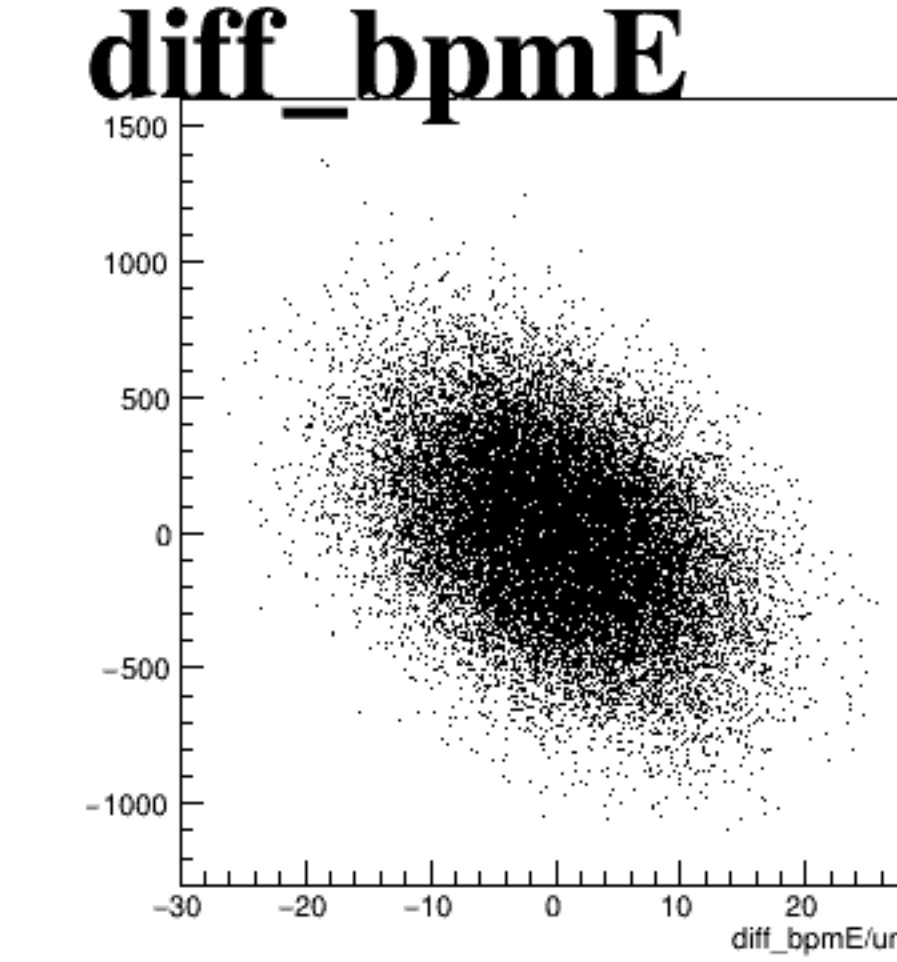
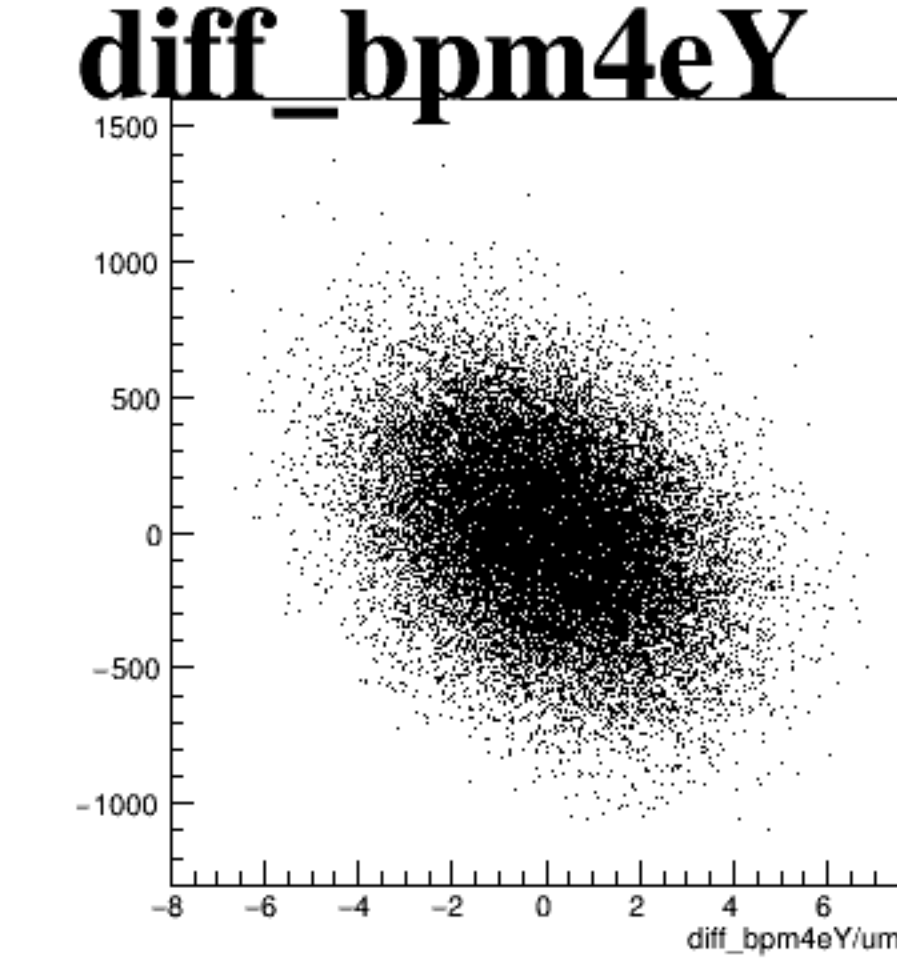
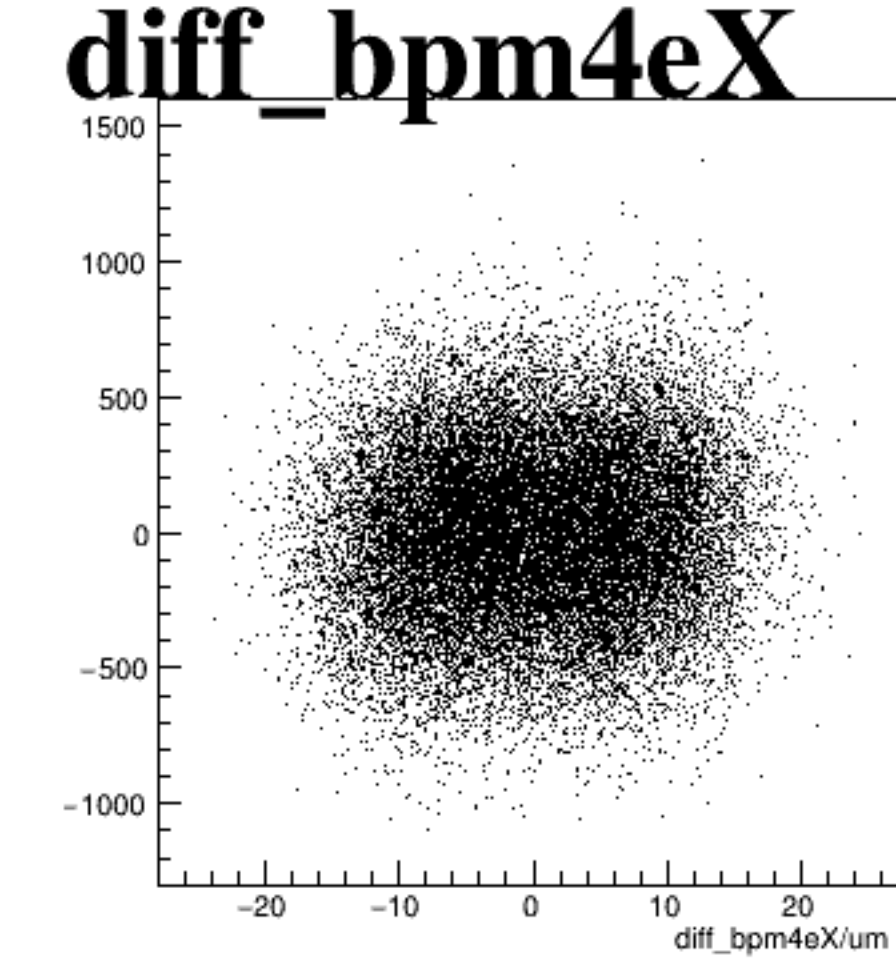
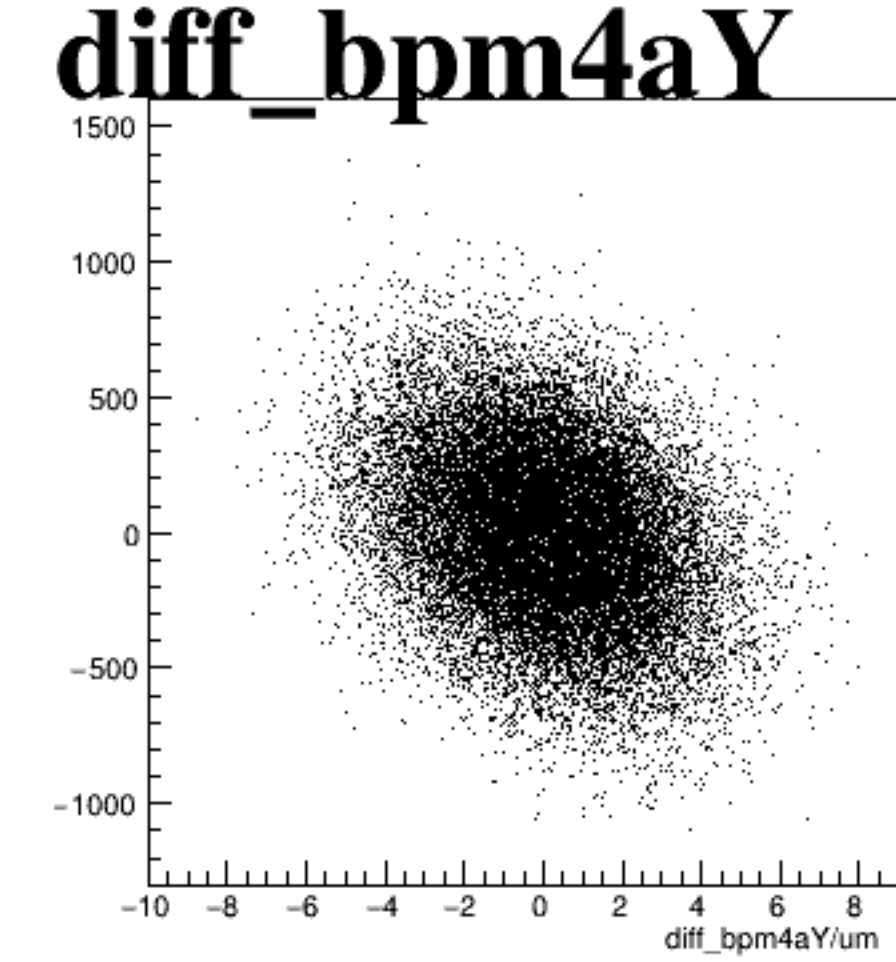
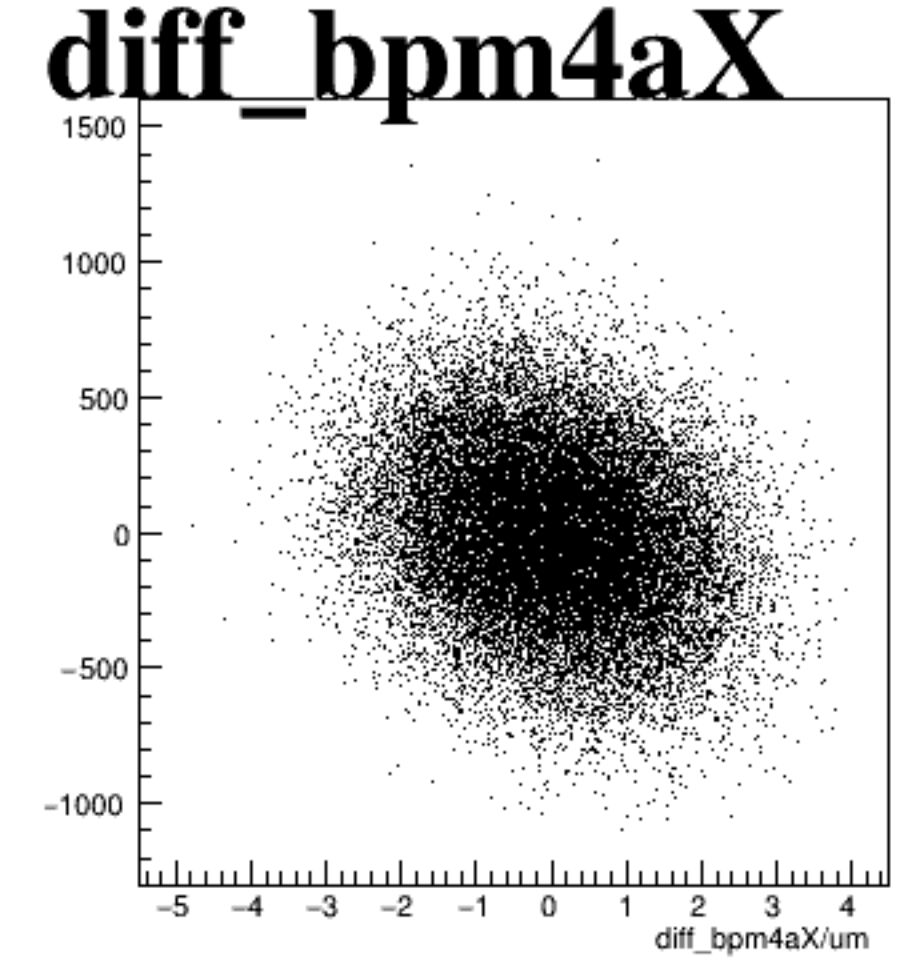
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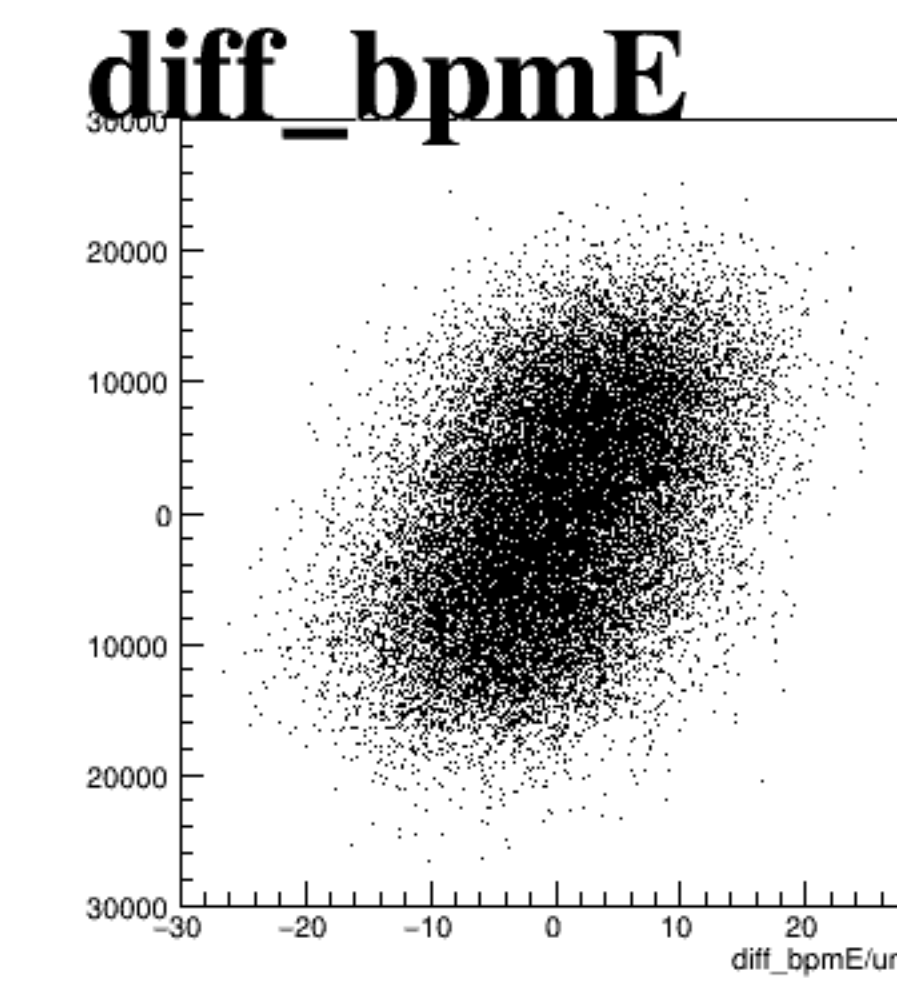
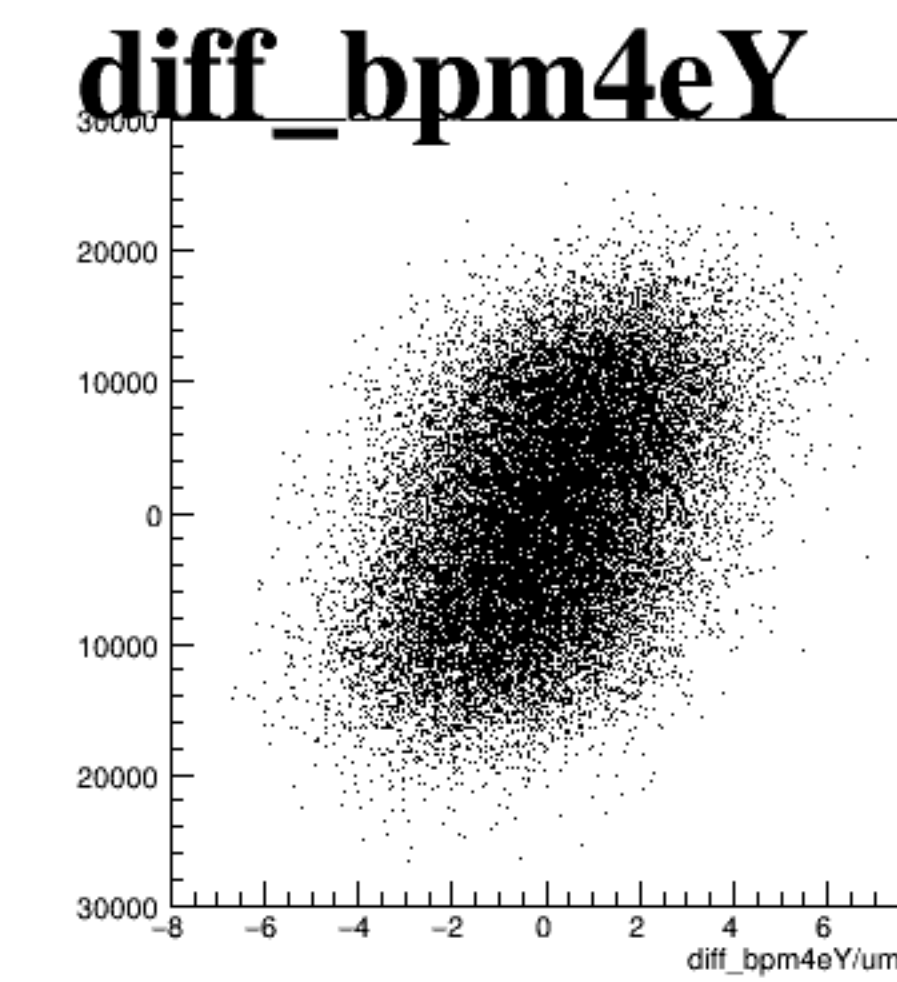
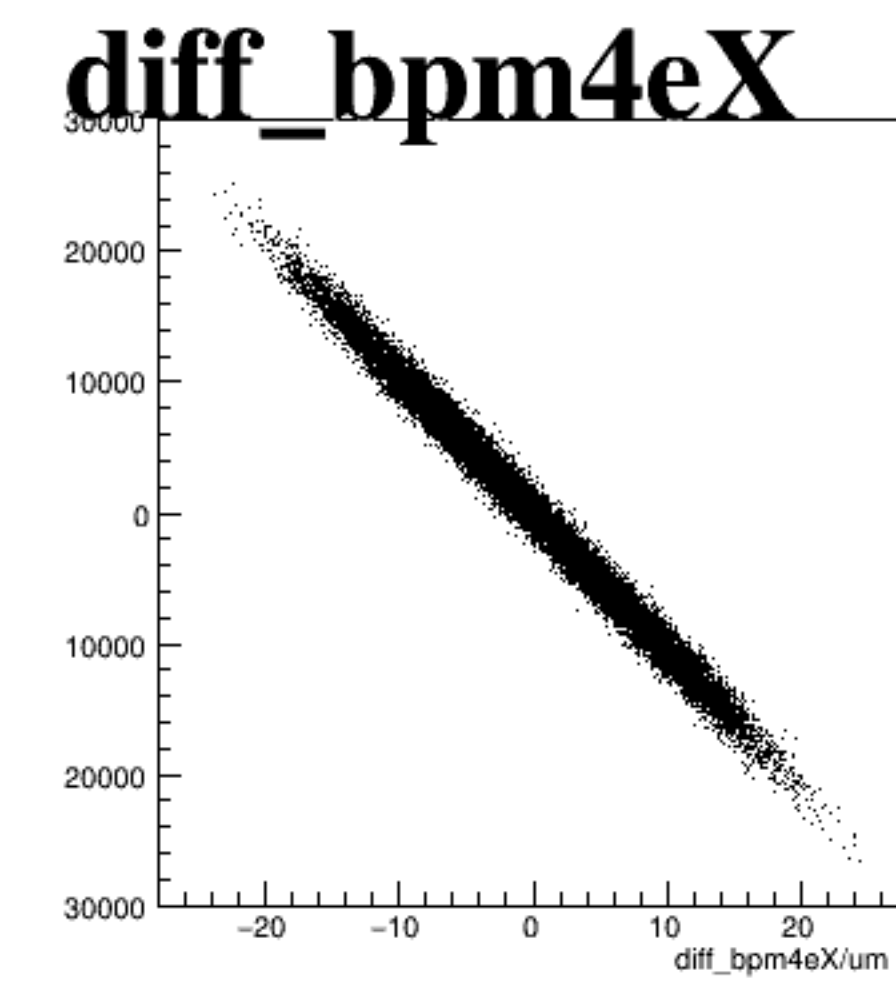
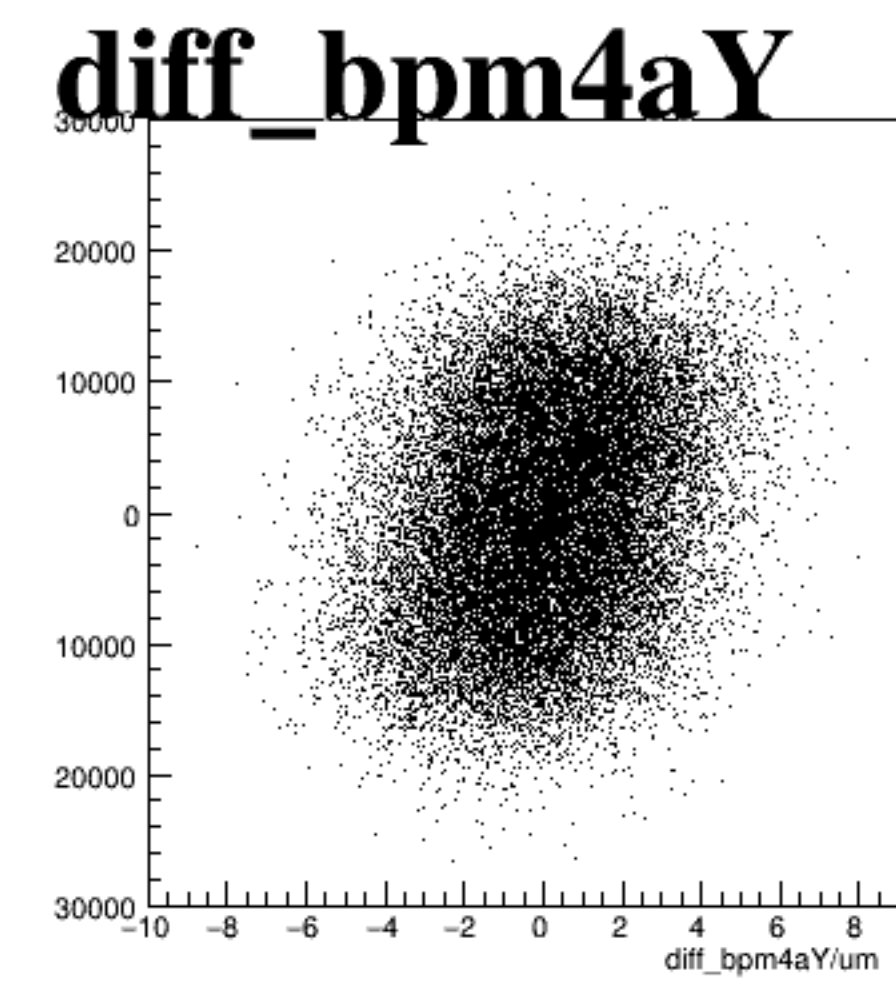
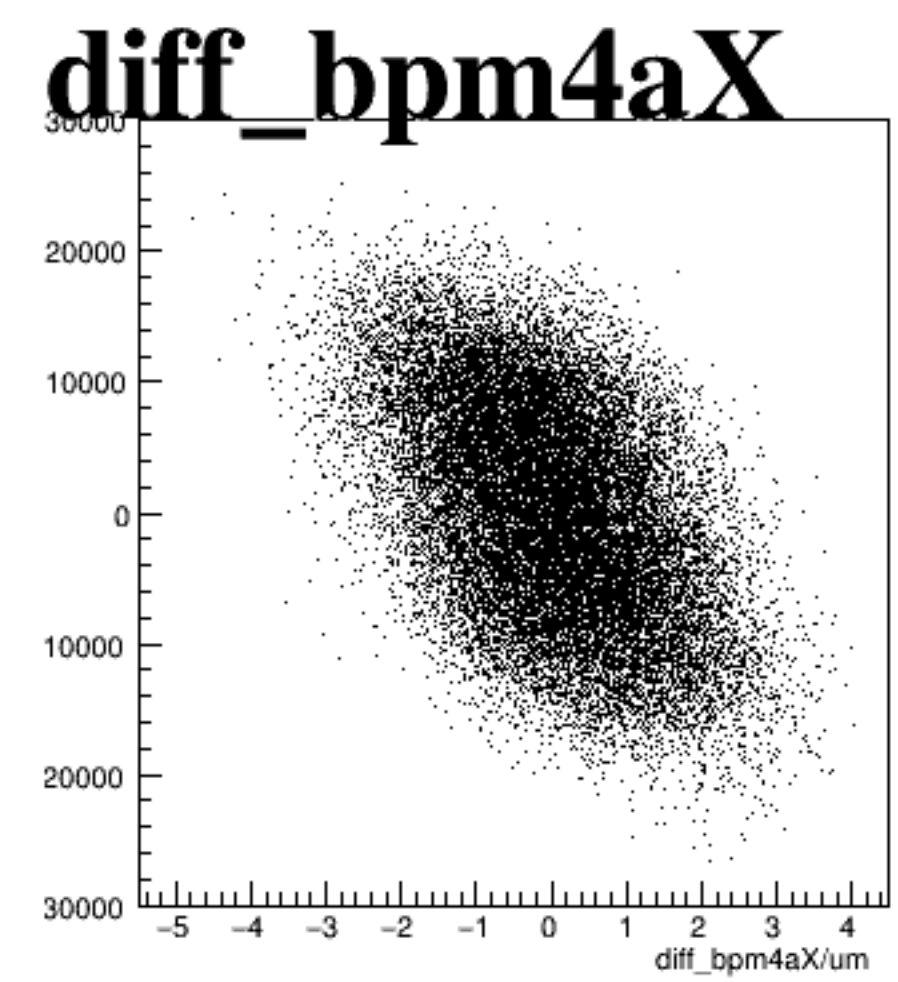
reg_asym_sam7



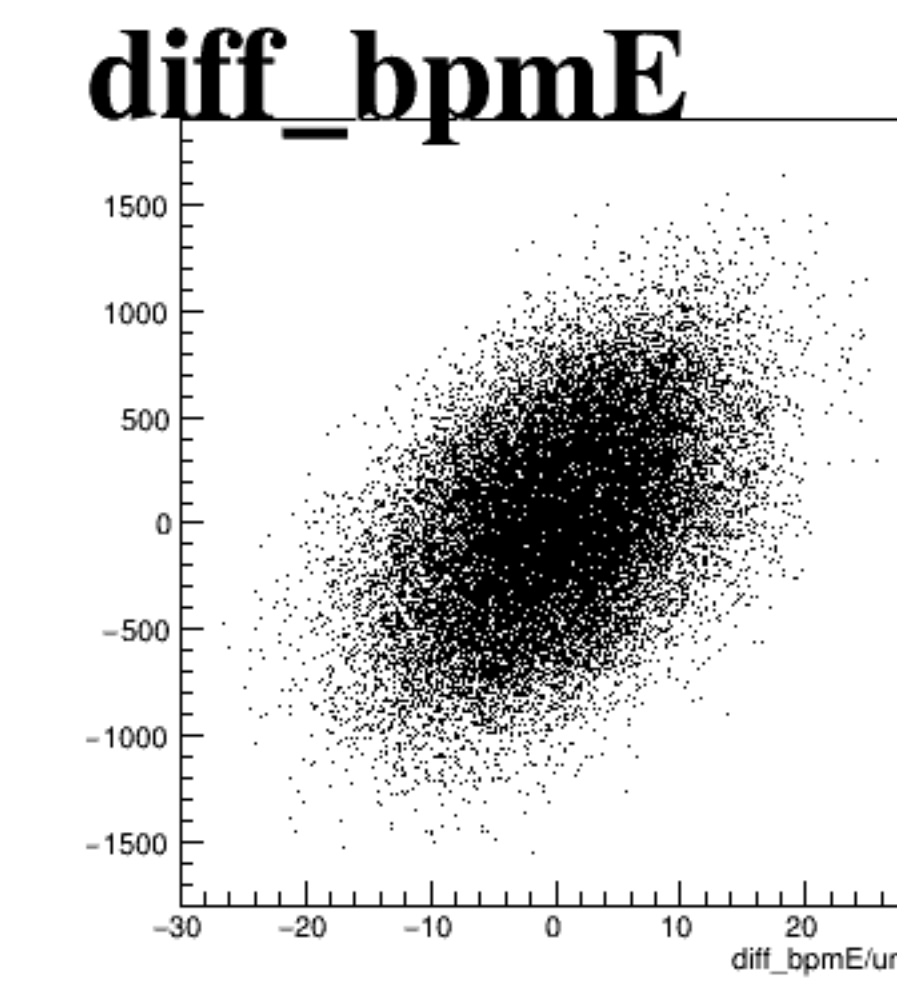
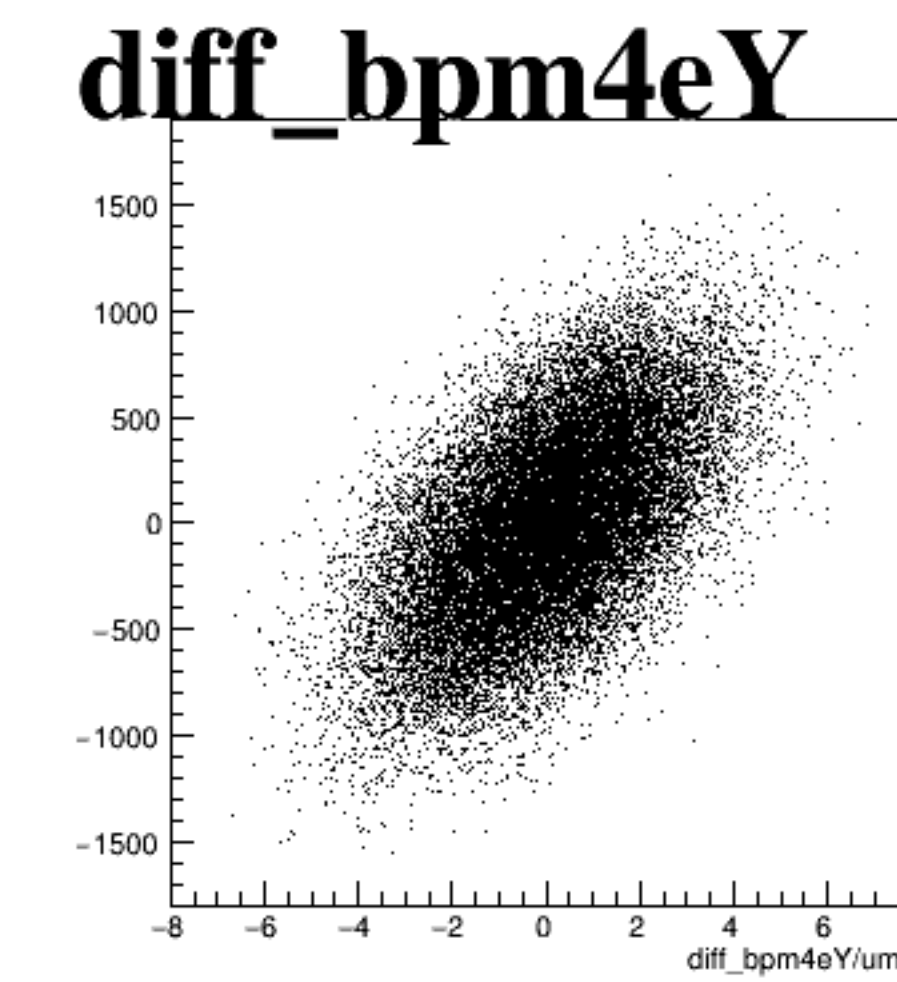
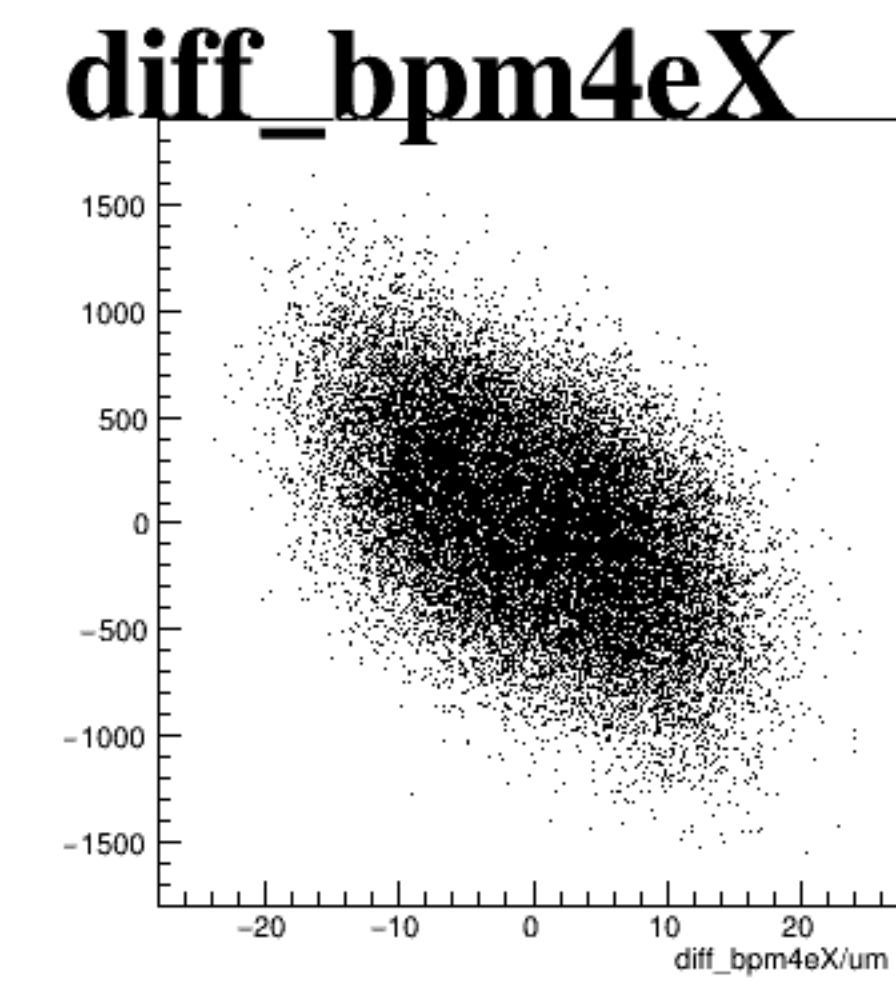
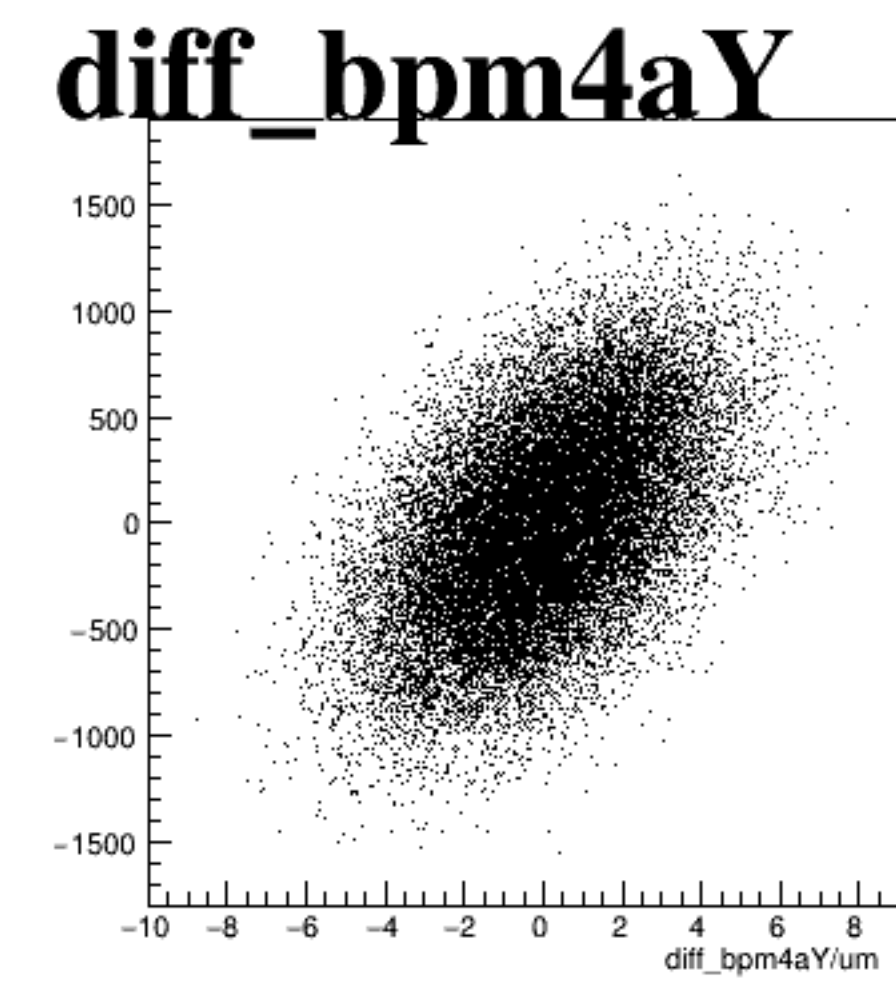
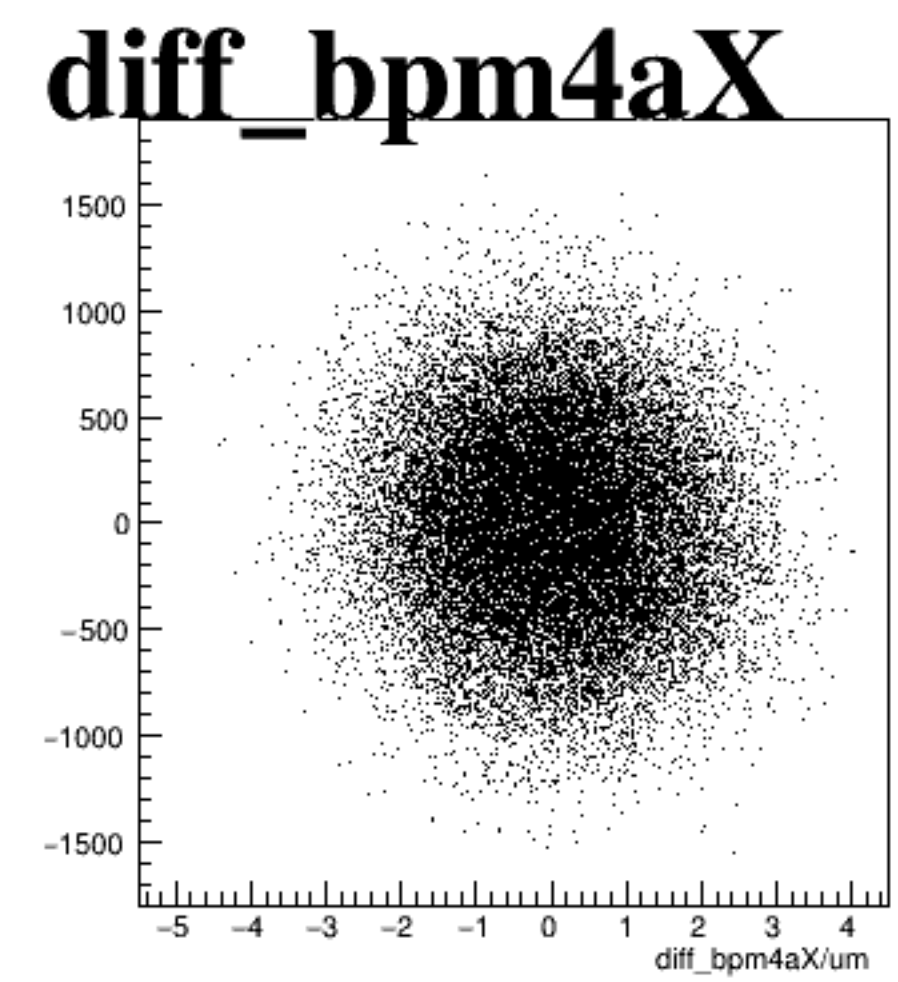
asym_sam1



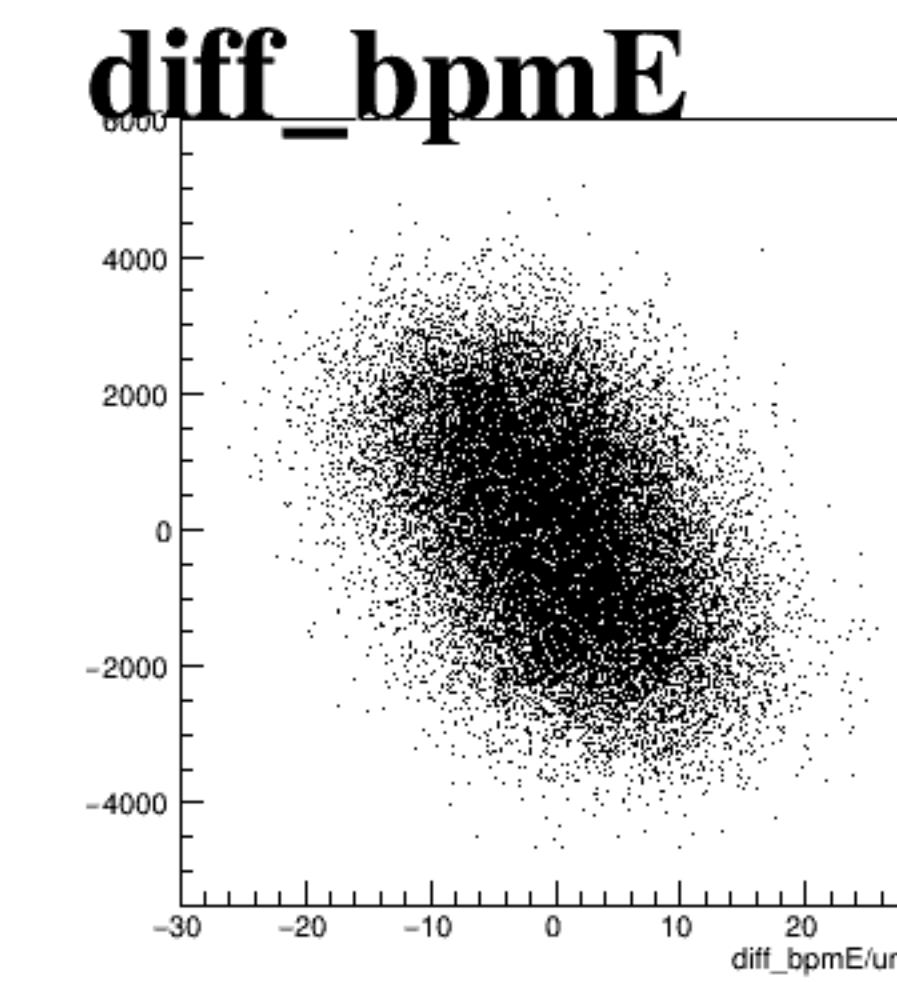
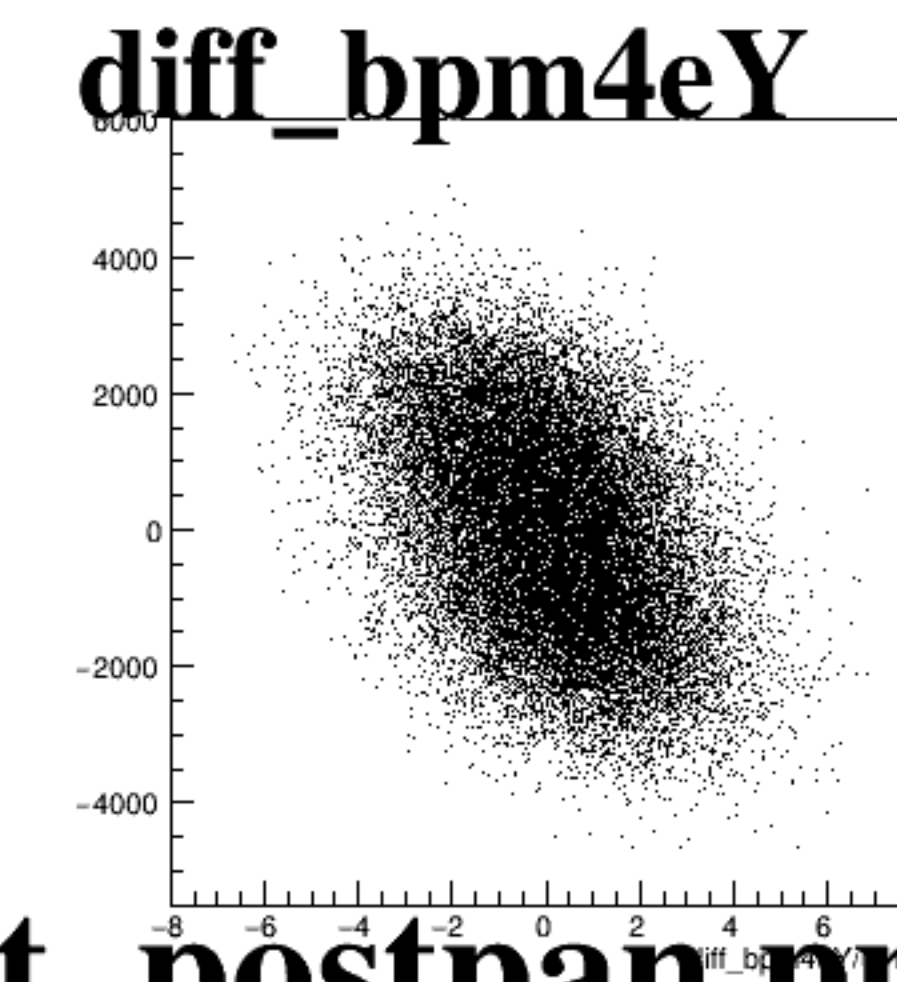
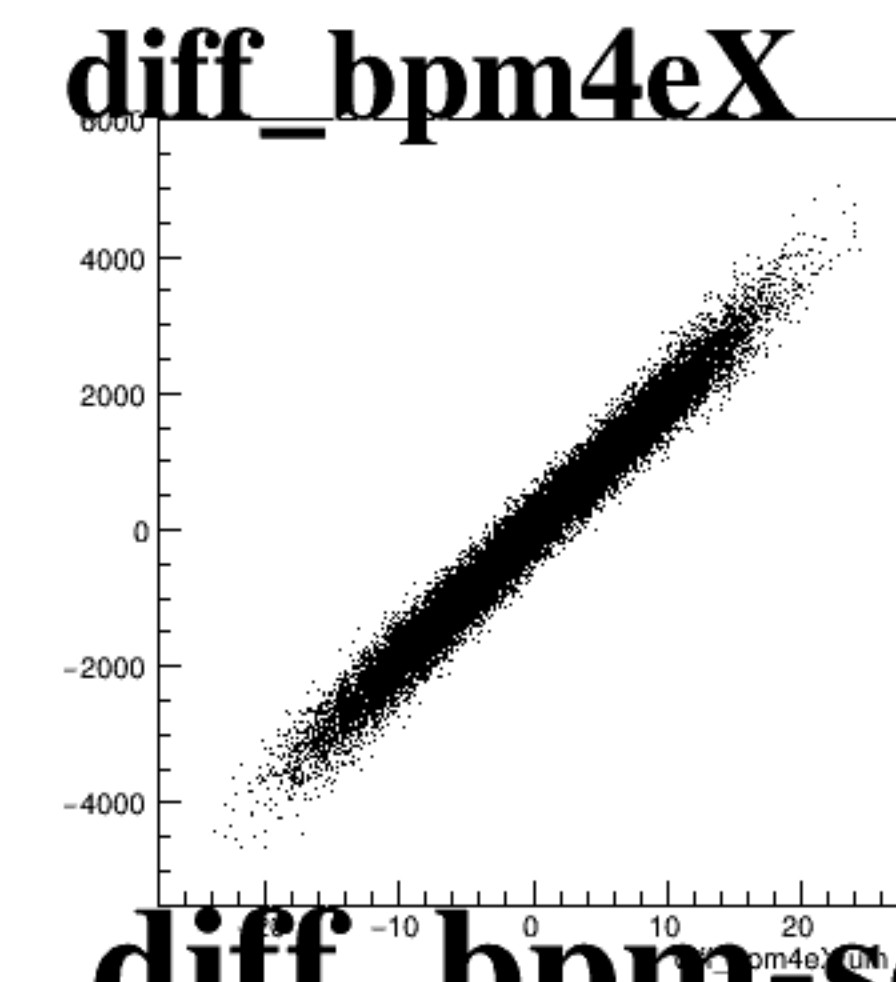
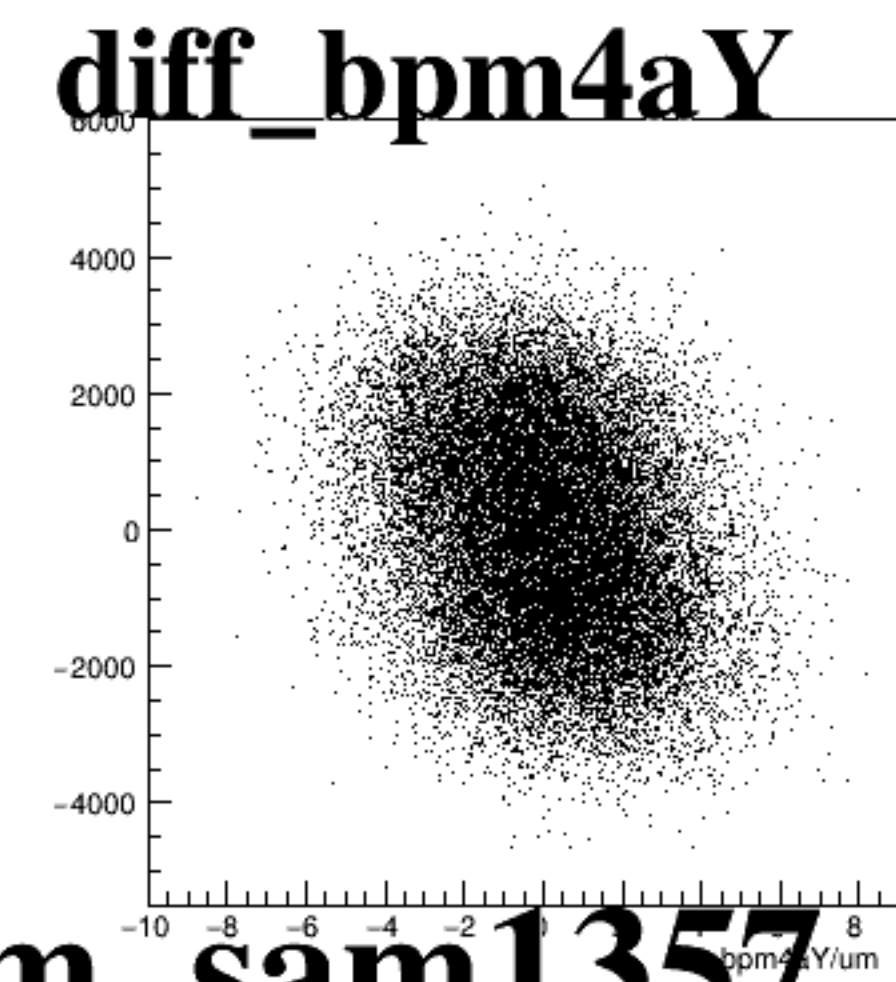
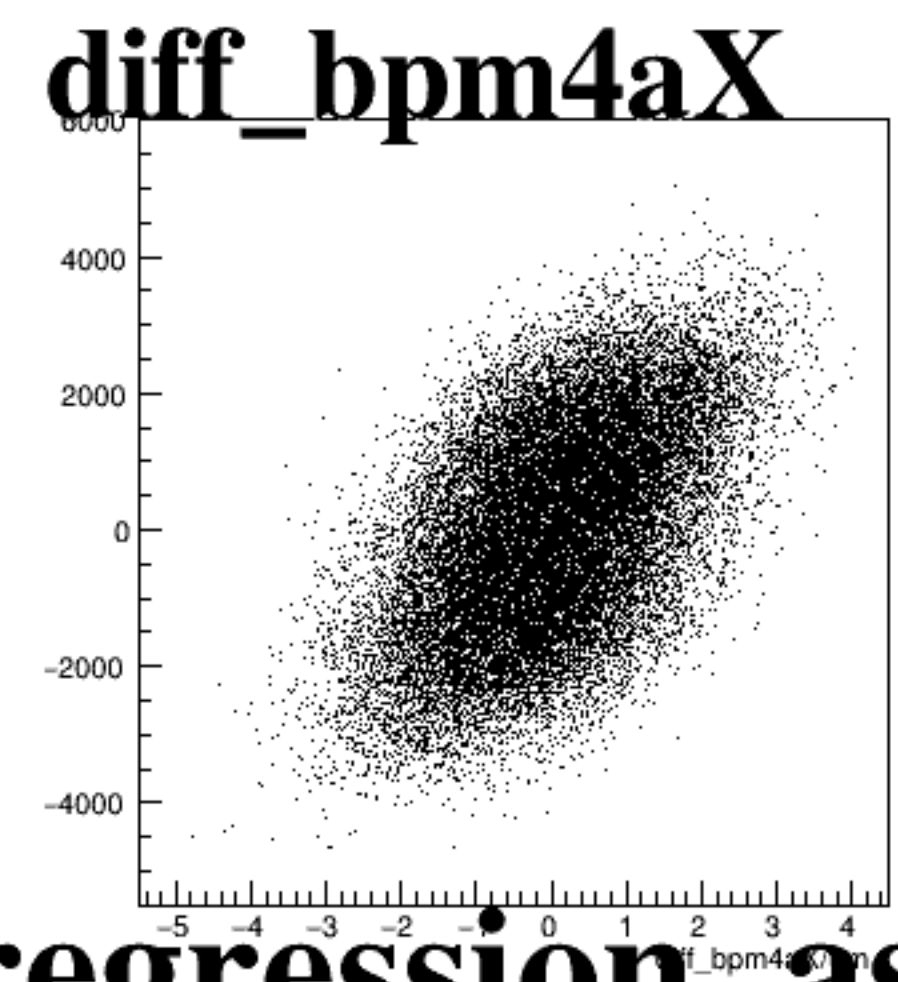
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the 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 -5 to 4. The y-axis ranges from -1000 to 1000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -10 to 8. The y-axis ranges from -1000 to 1000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -20 to 20. The y-axis ranges from -1000 to 1000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -8 to 8. The y-axis ranges from -1000 to 1000.
- diff_bpmE**: The x-axis is labeled `diff_bpmE/um` and ranges from -30 to 30. The y-axis ranges from -1000 to 1000.

In all plots, the data points are densely clustered around the origin (0,0), indicating that the differences are generally small and centered around zero.

run4309_000_regression_reg_sam1357_vs_diff_bpm-scat_postpan.png