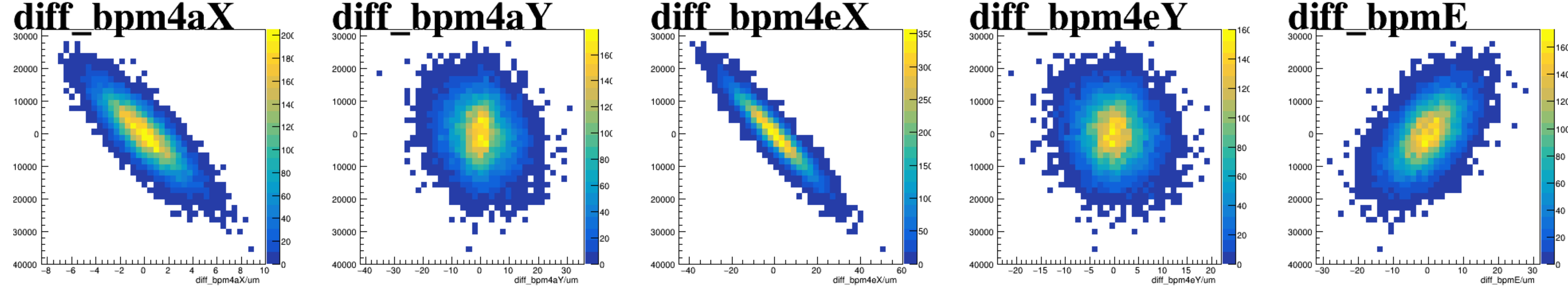
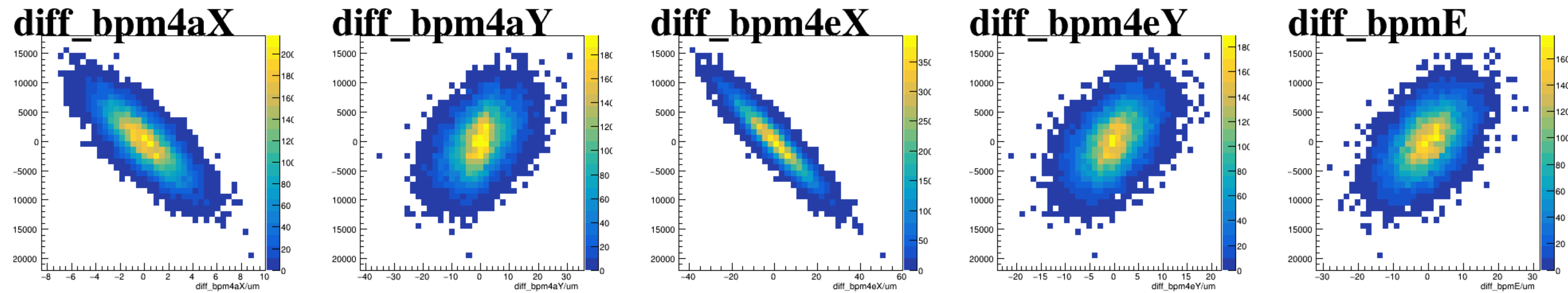


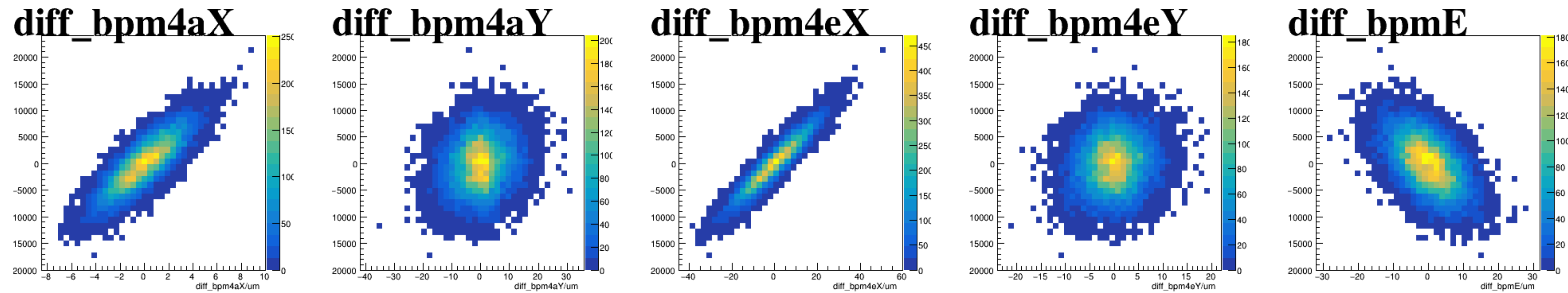
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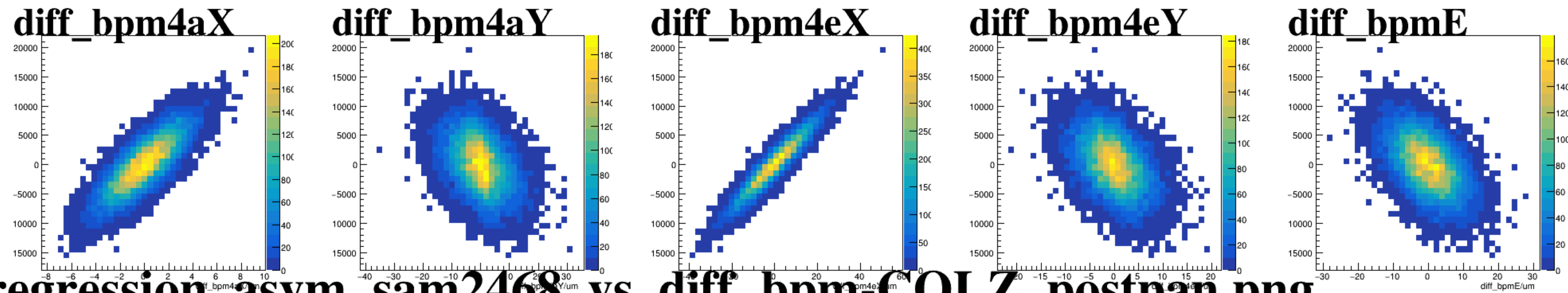
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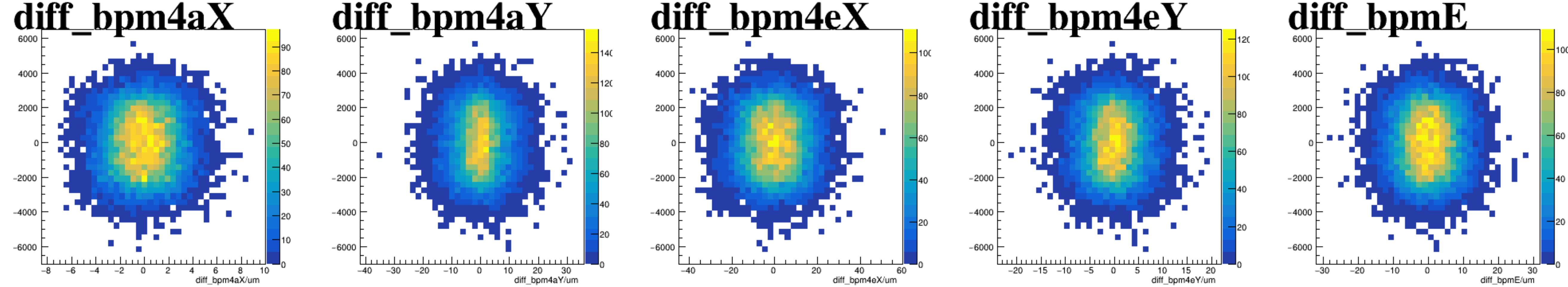
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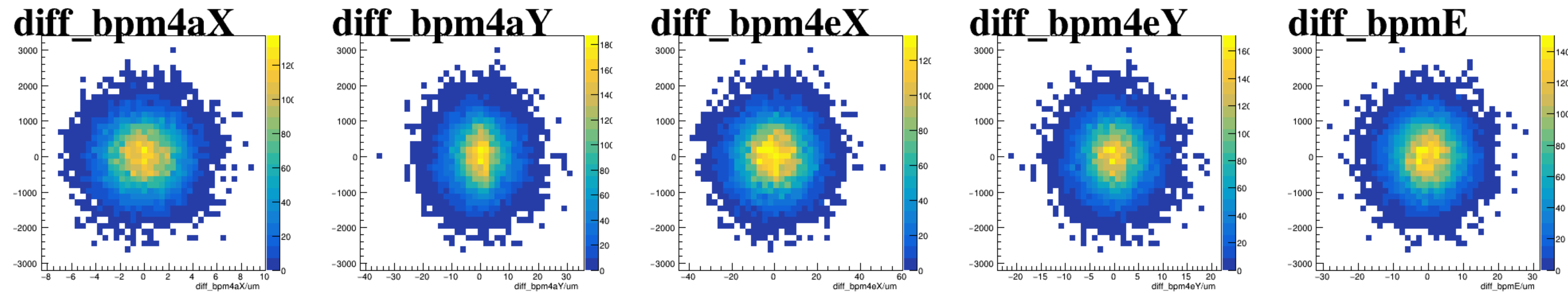
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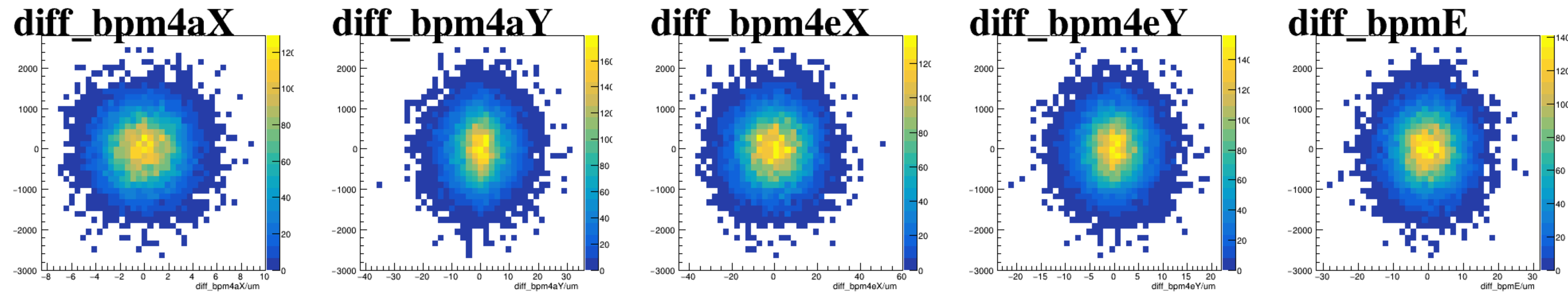
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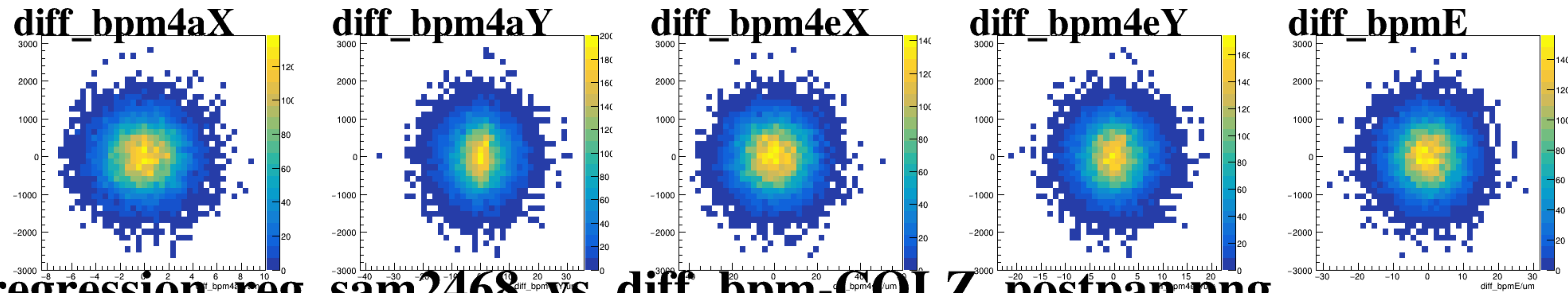
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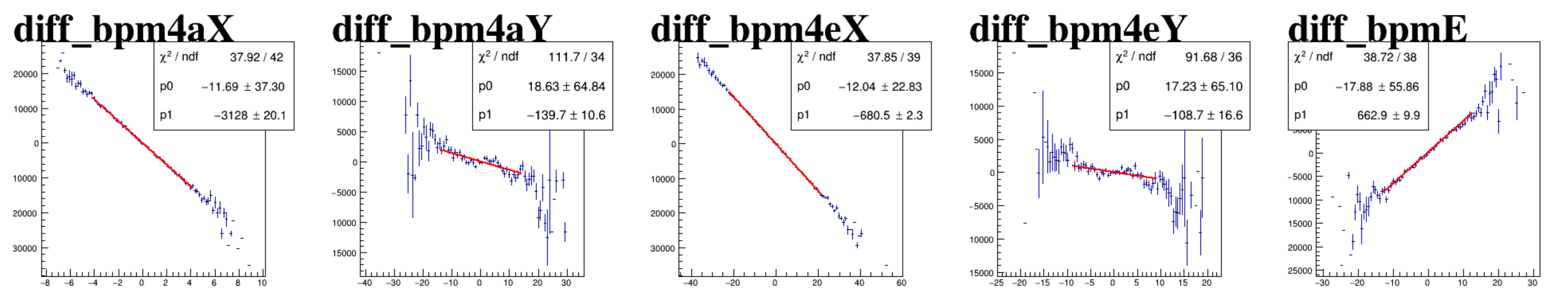
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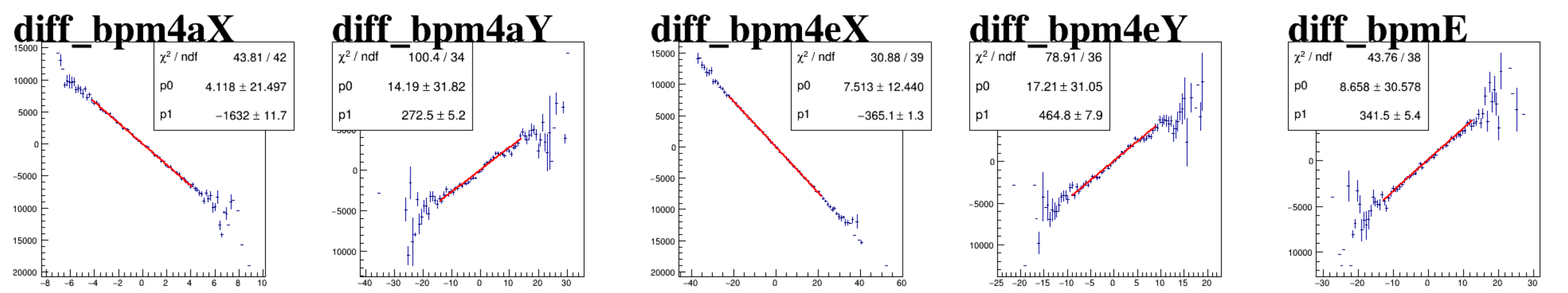
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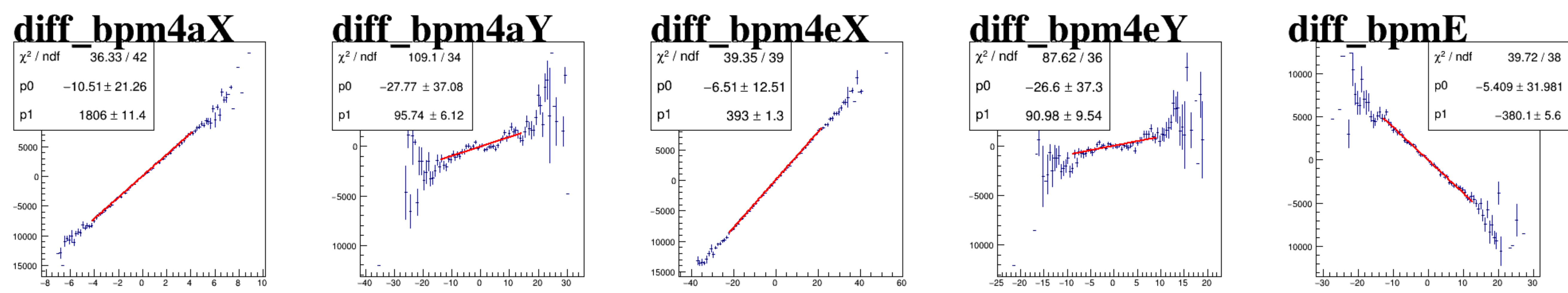
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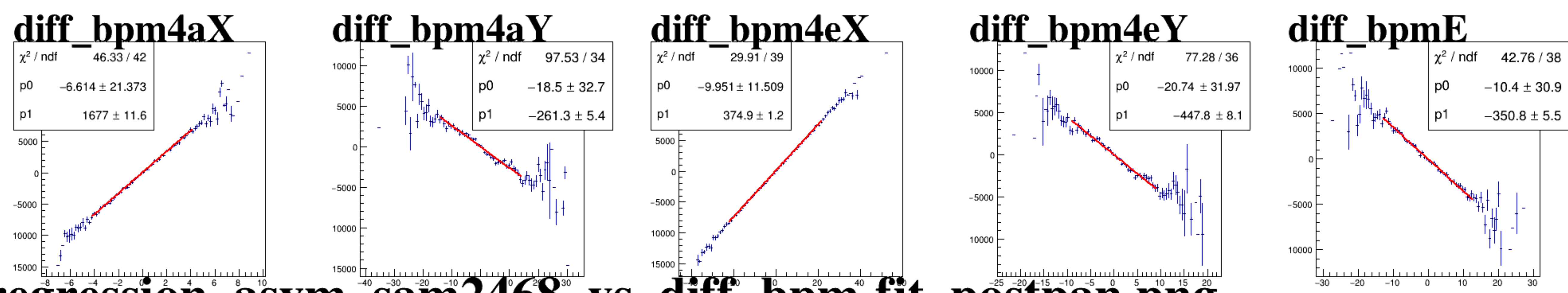
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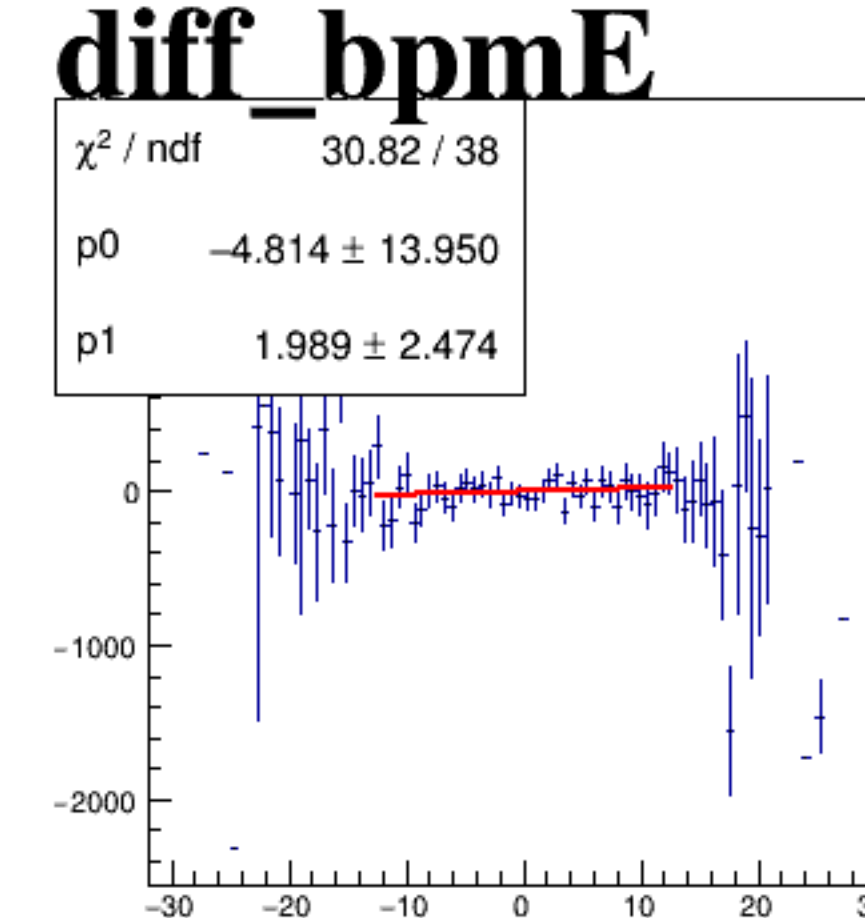
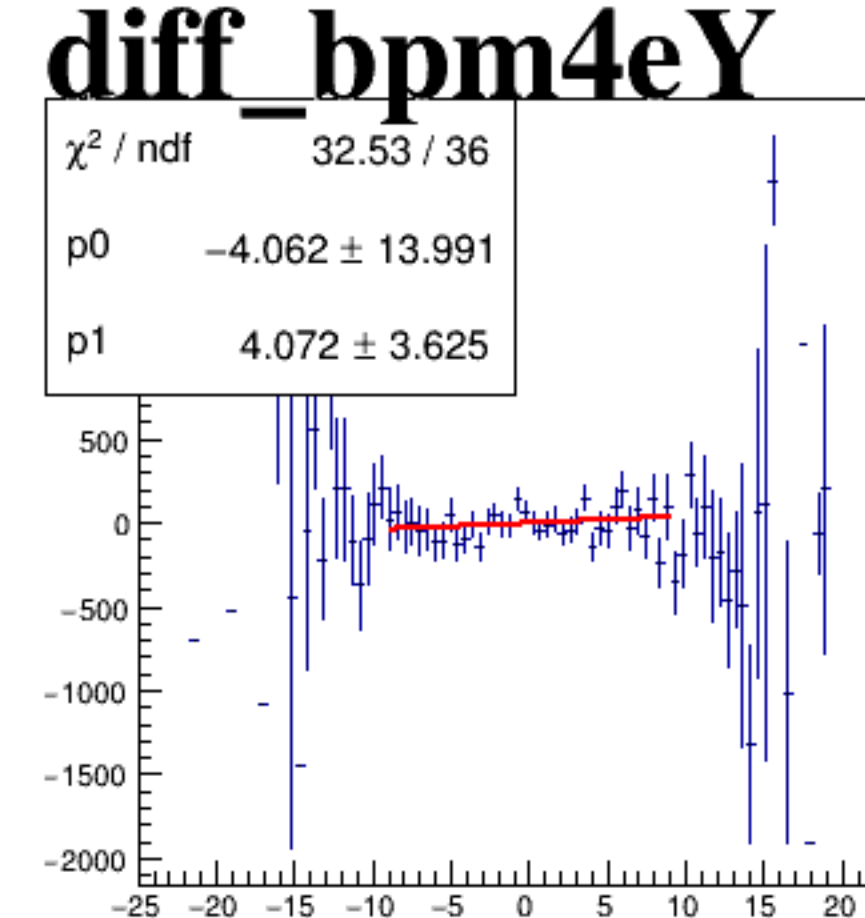
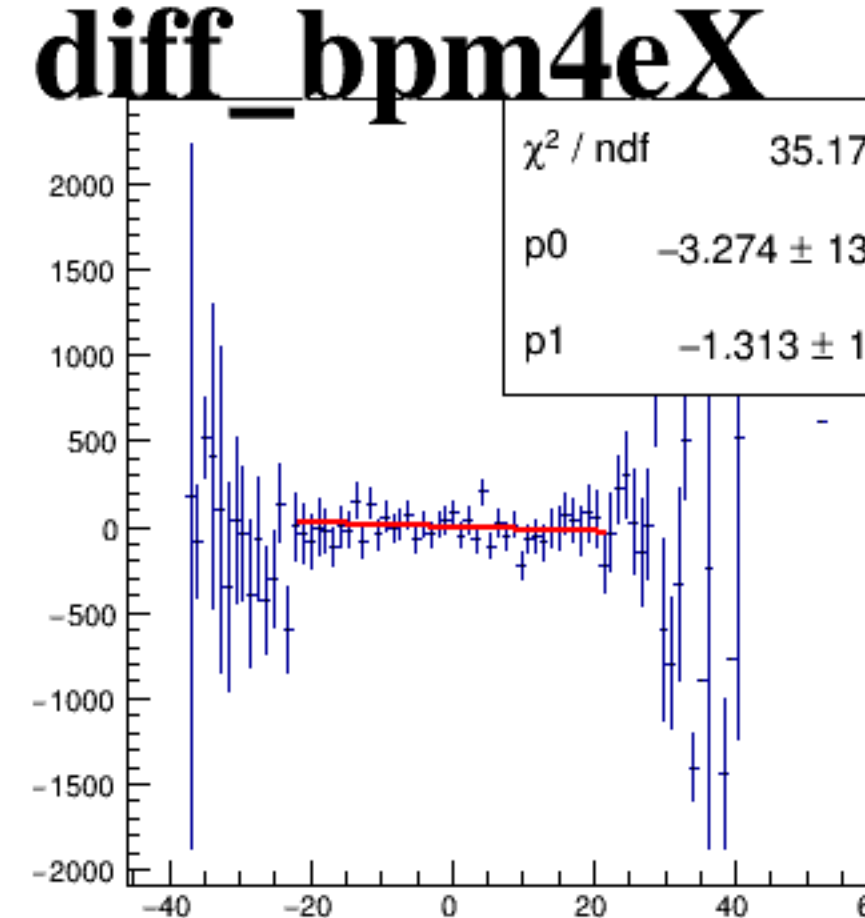
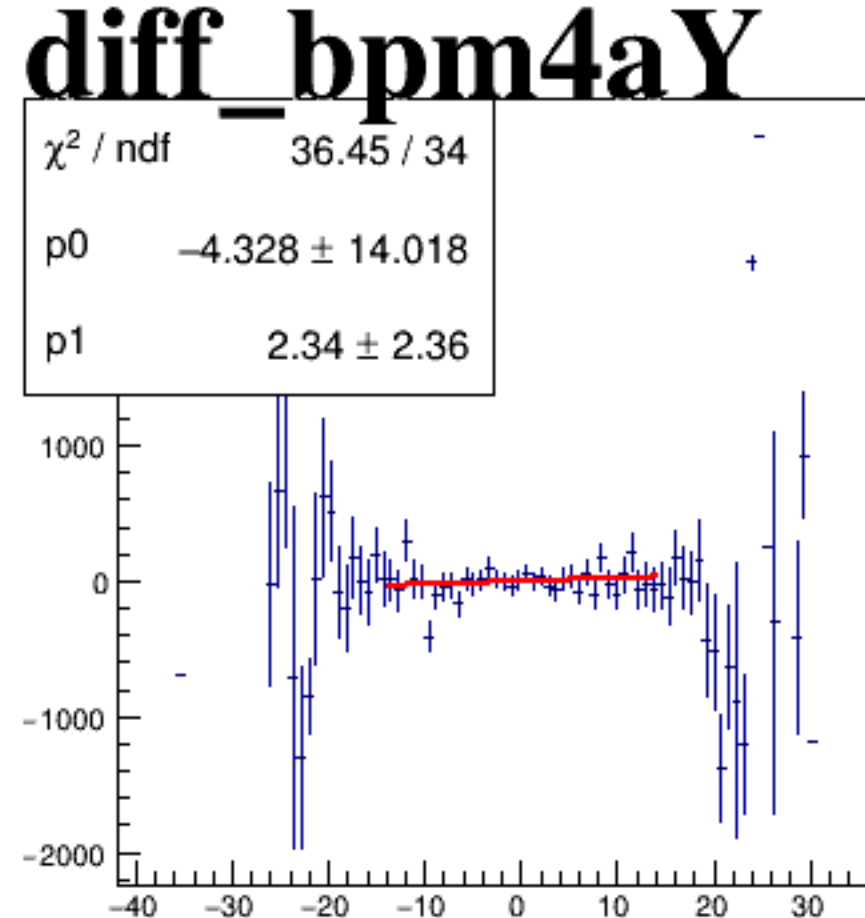
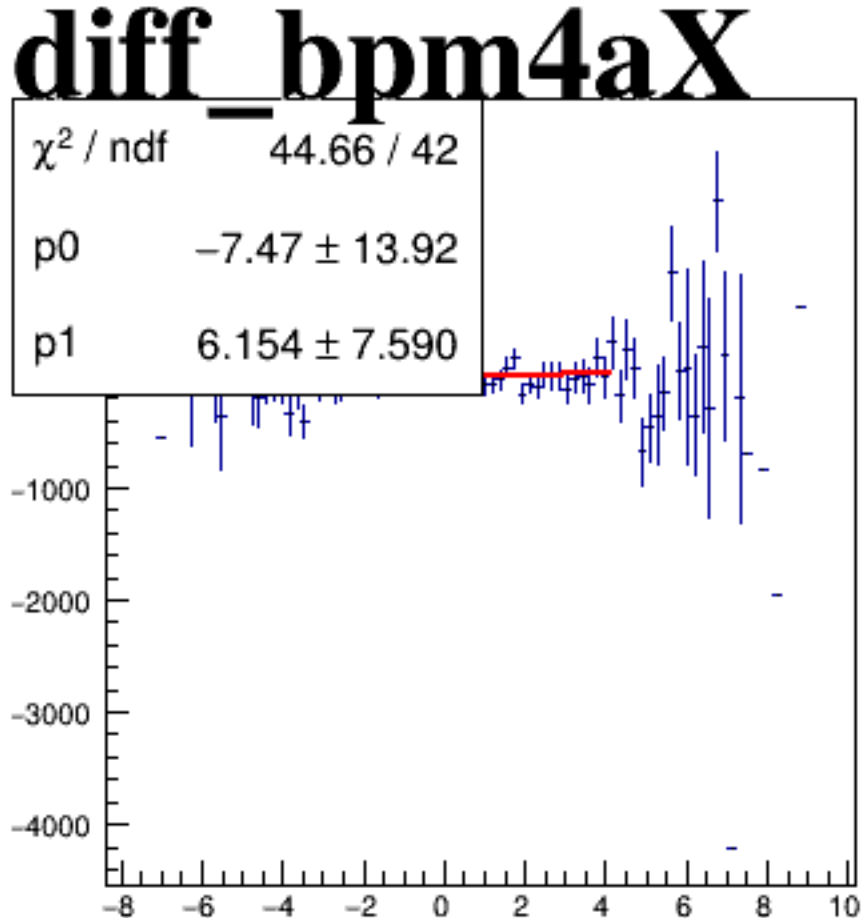
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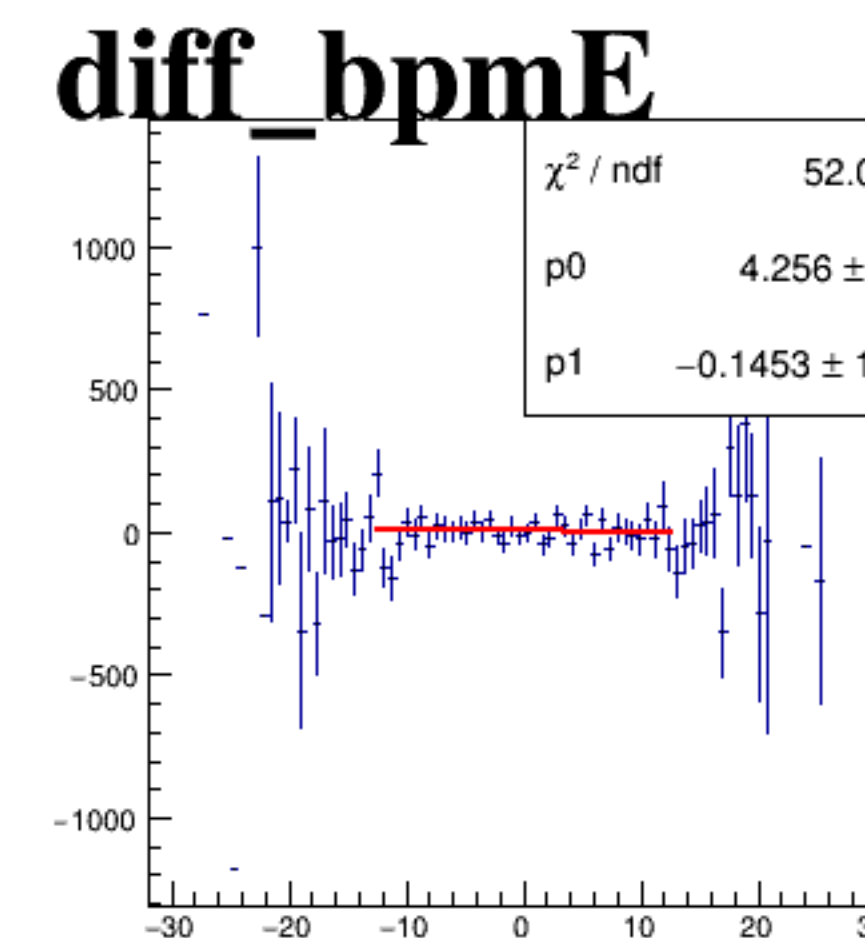
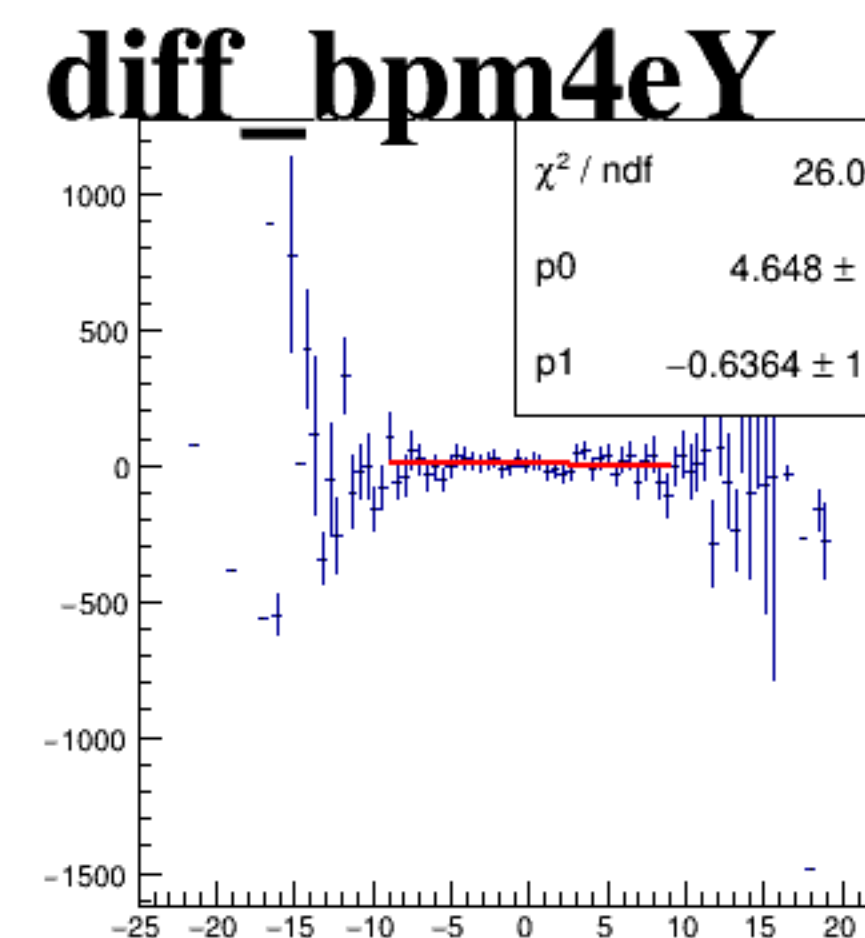
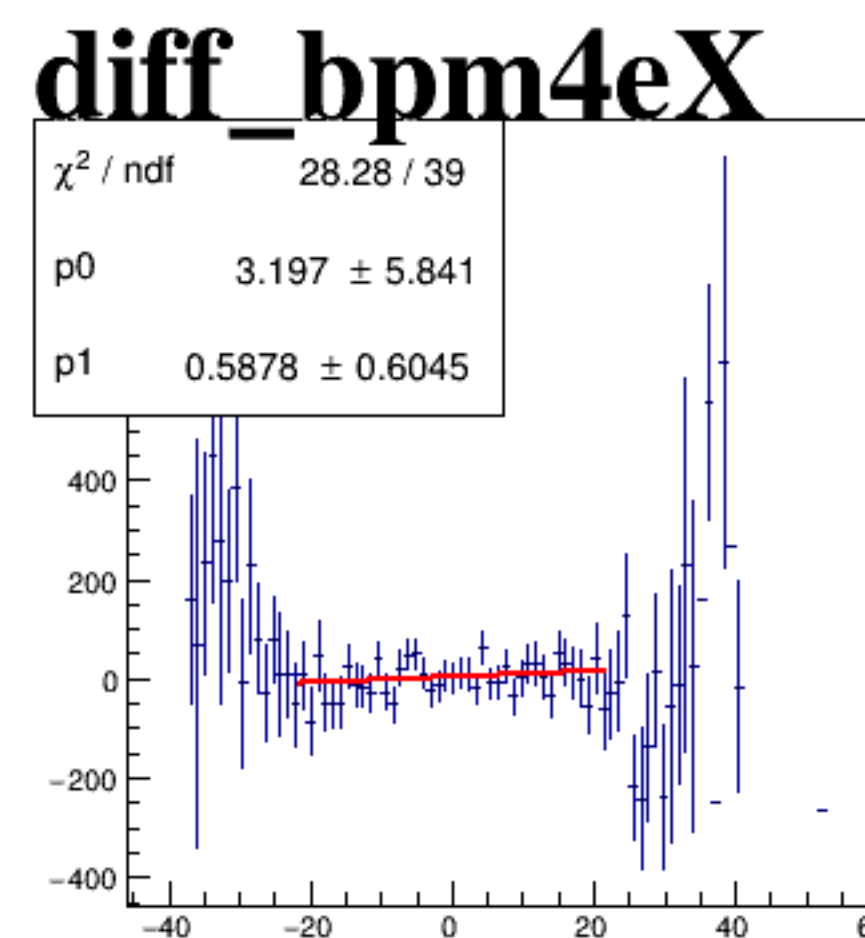
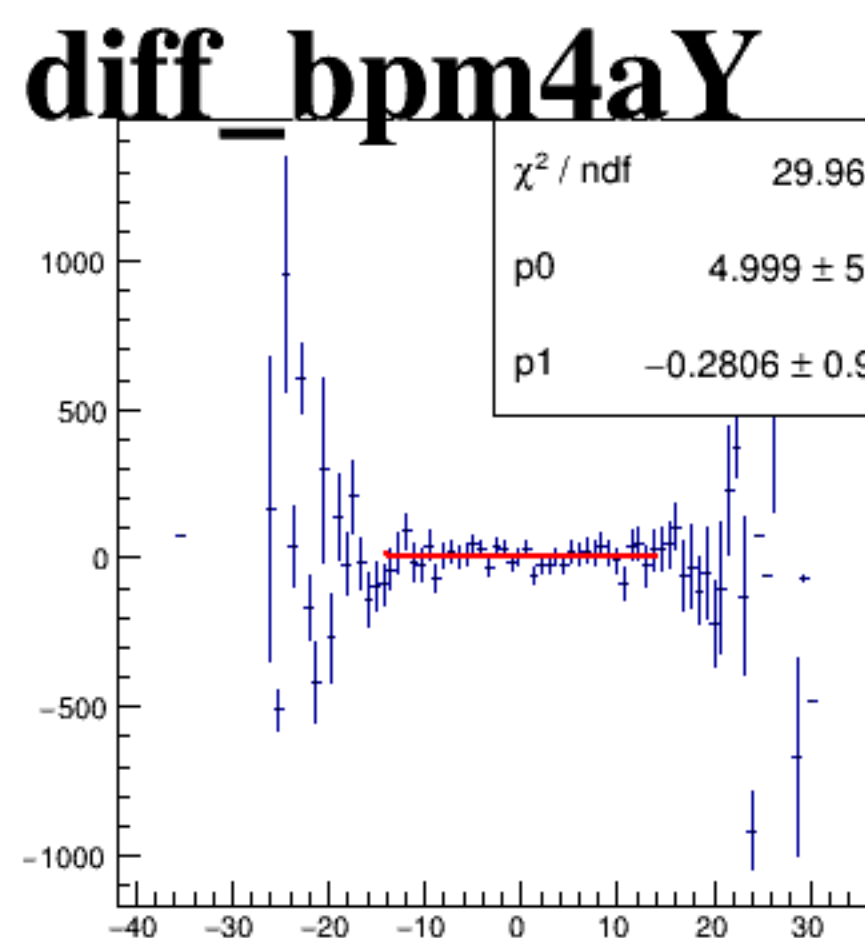
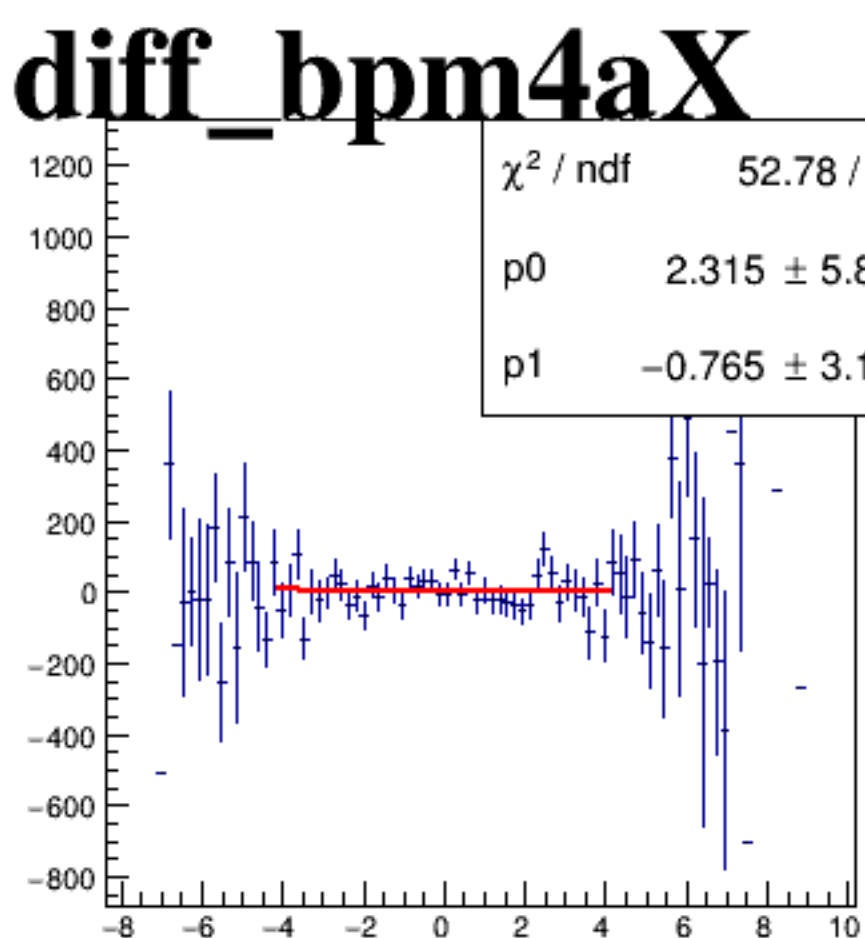
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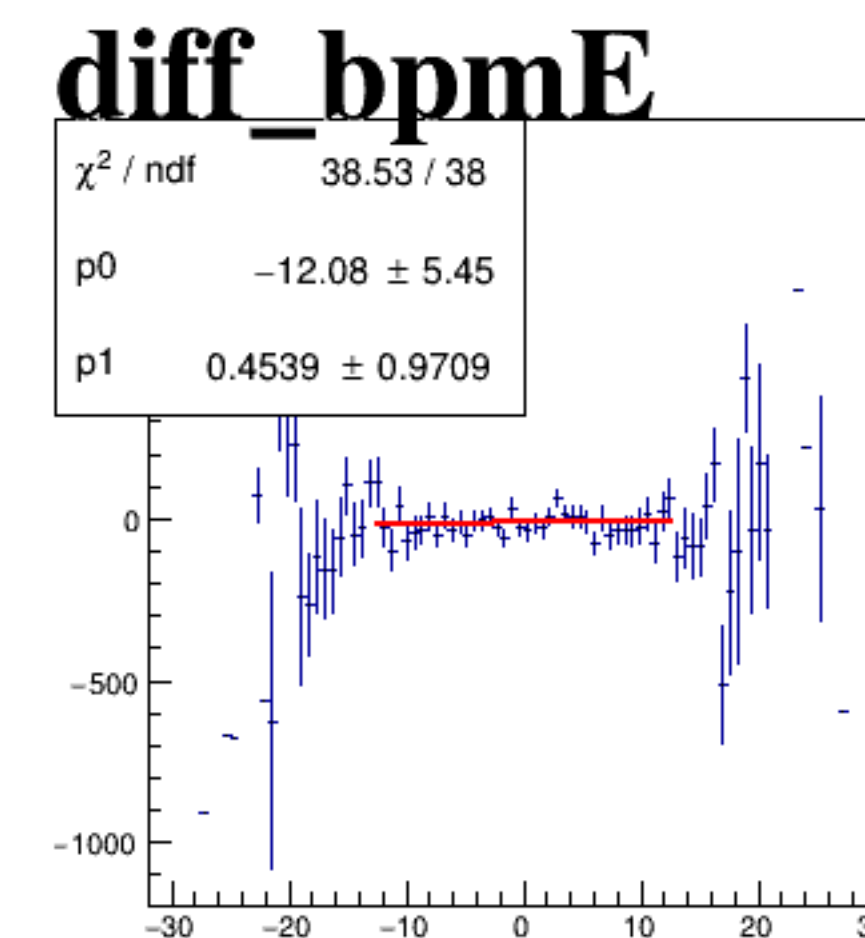
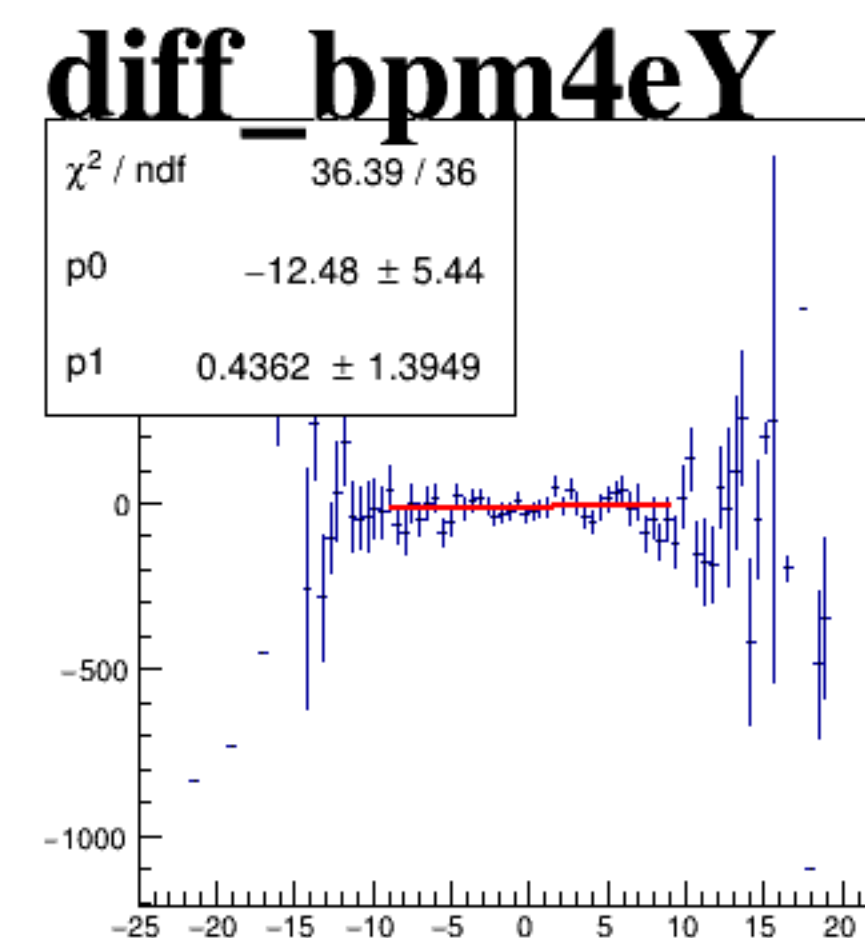
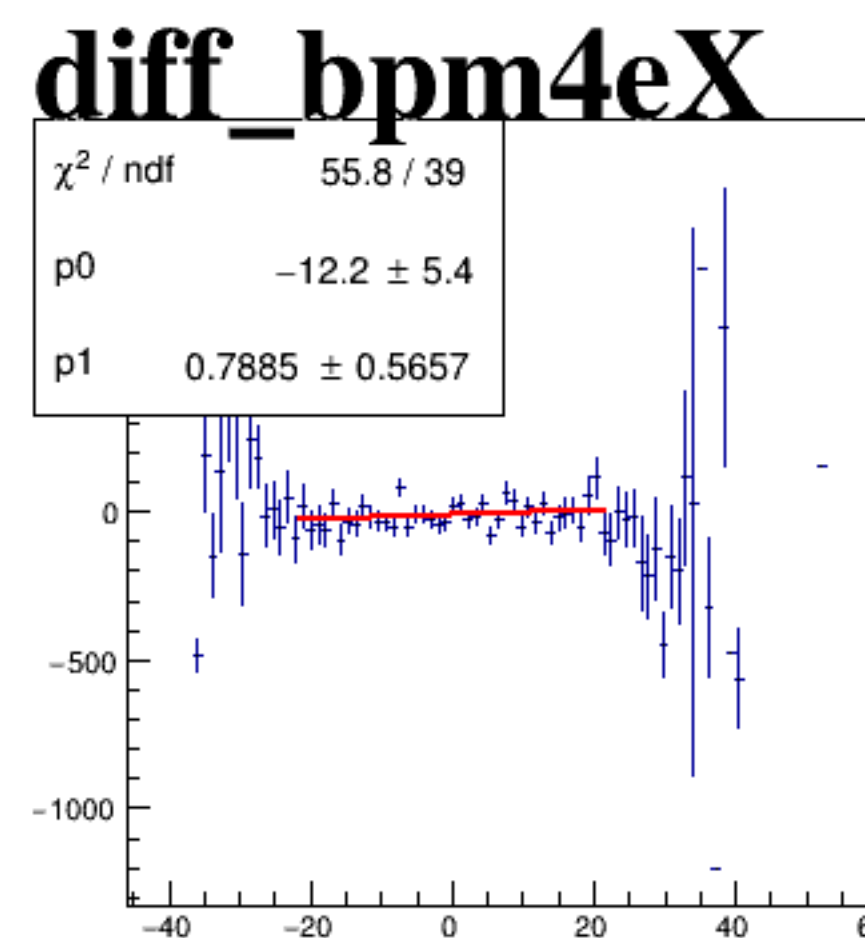
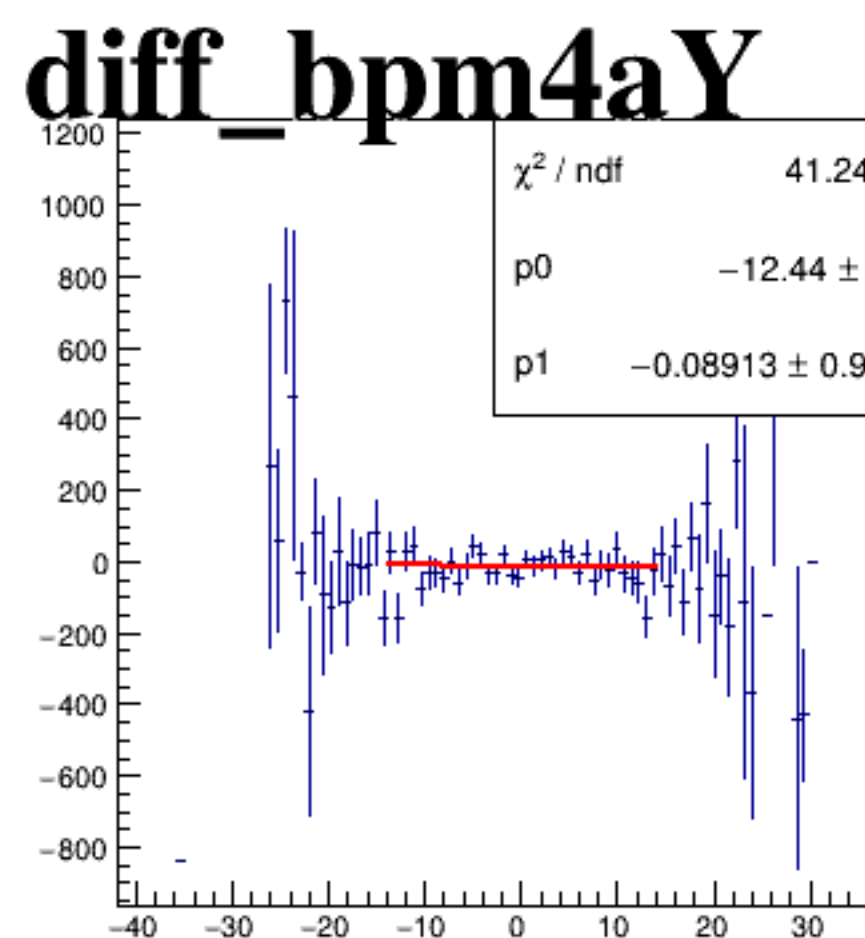
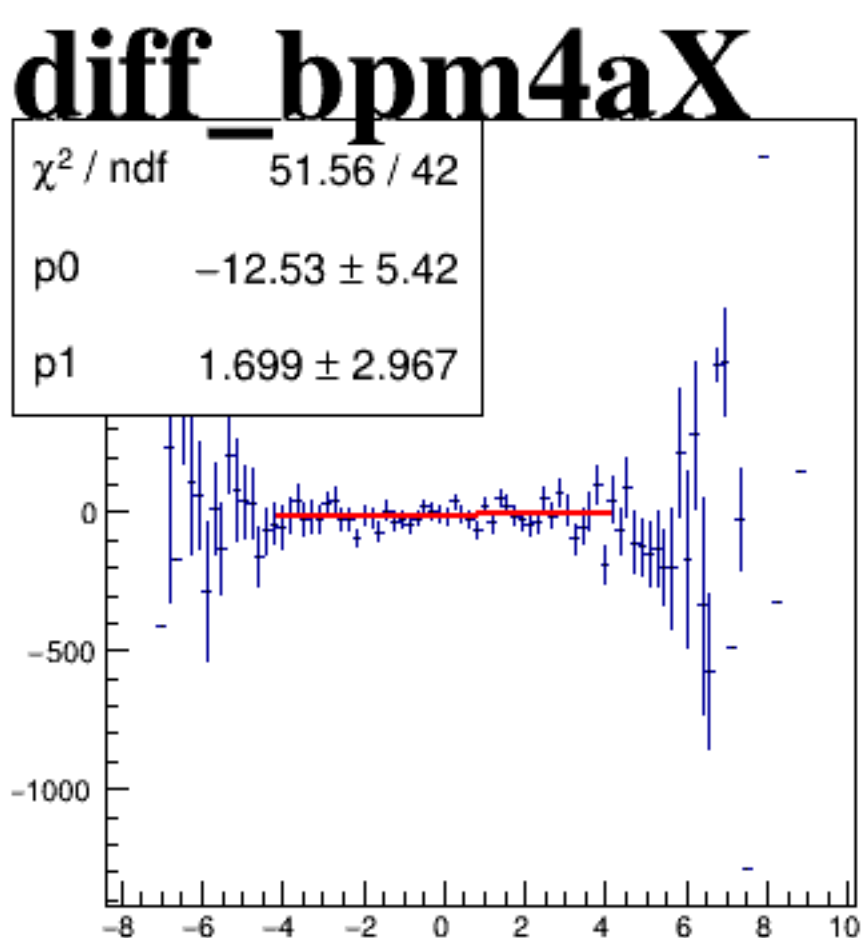
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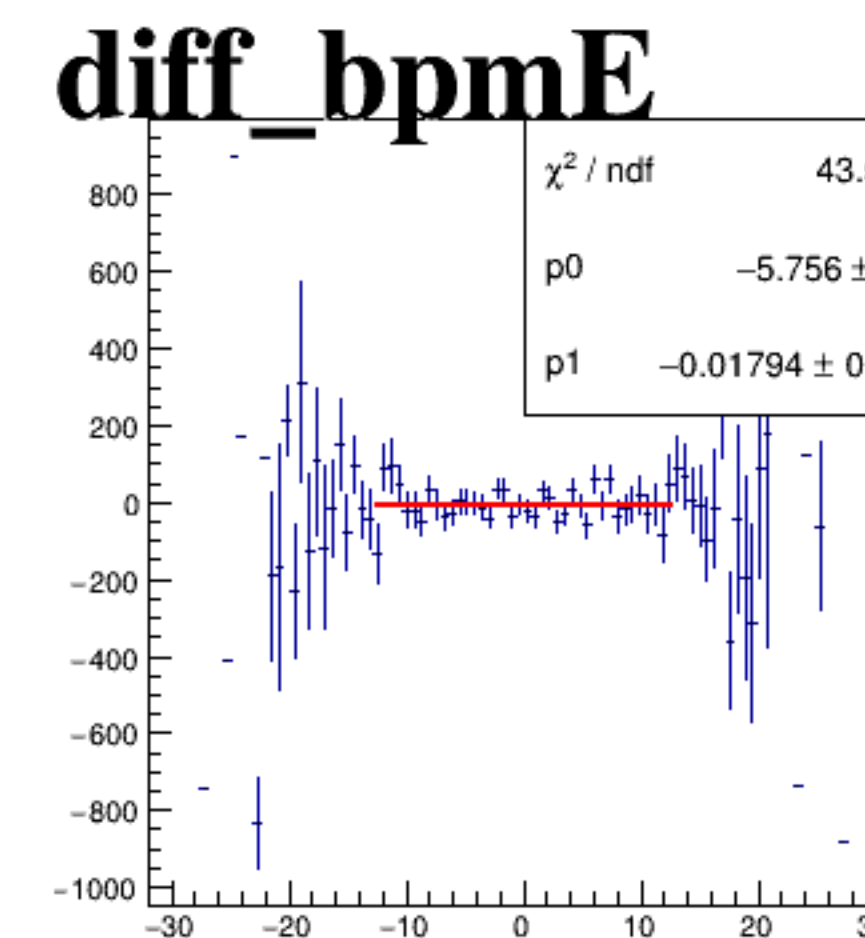
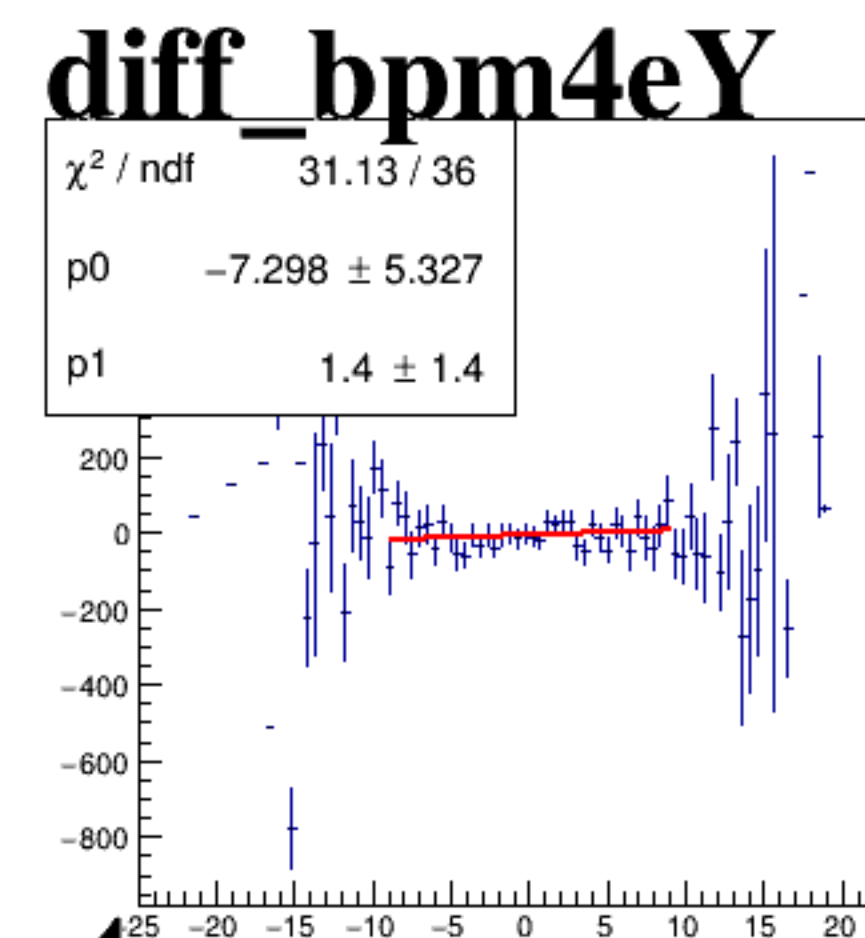
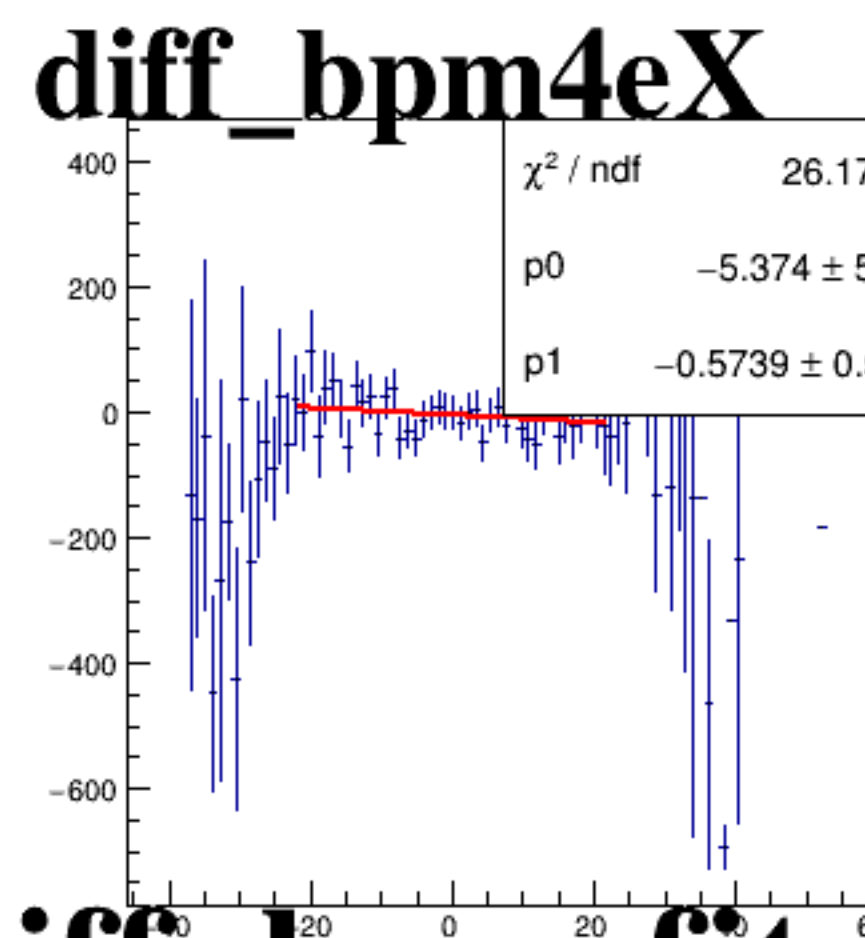
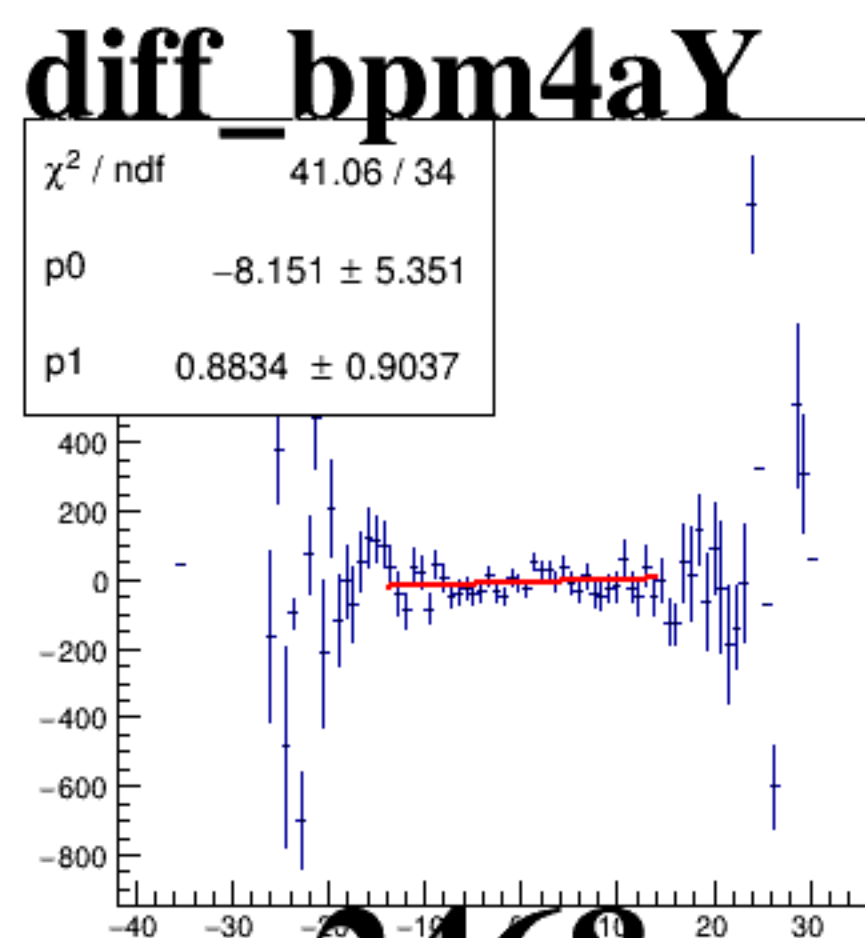
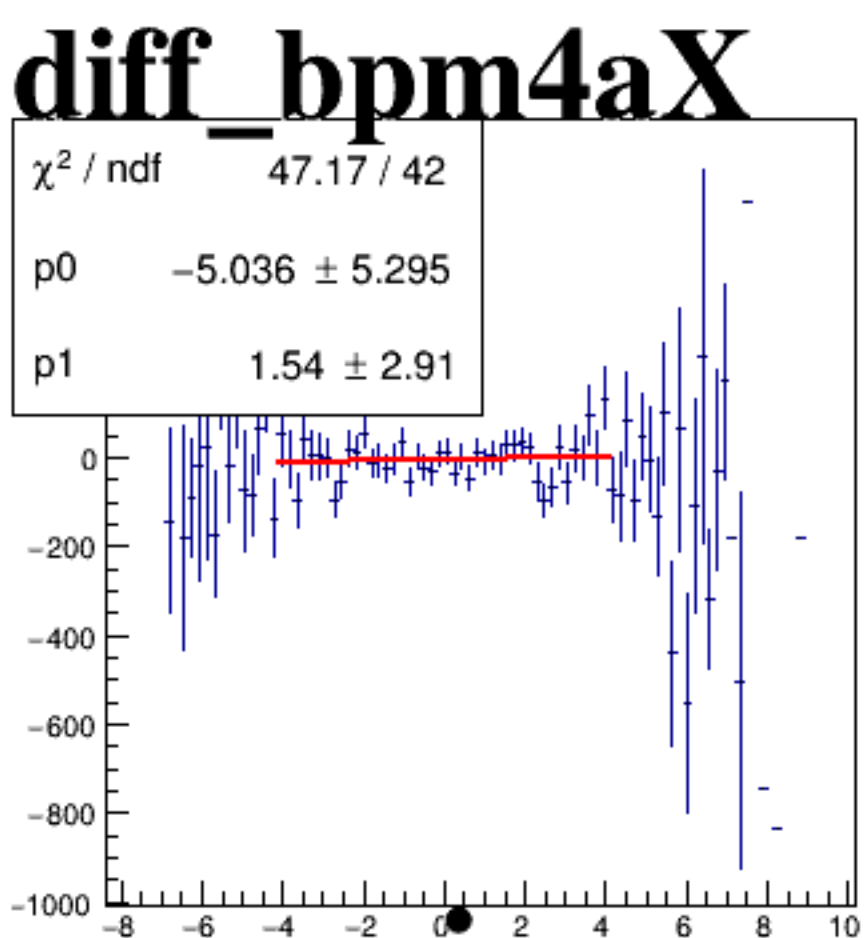
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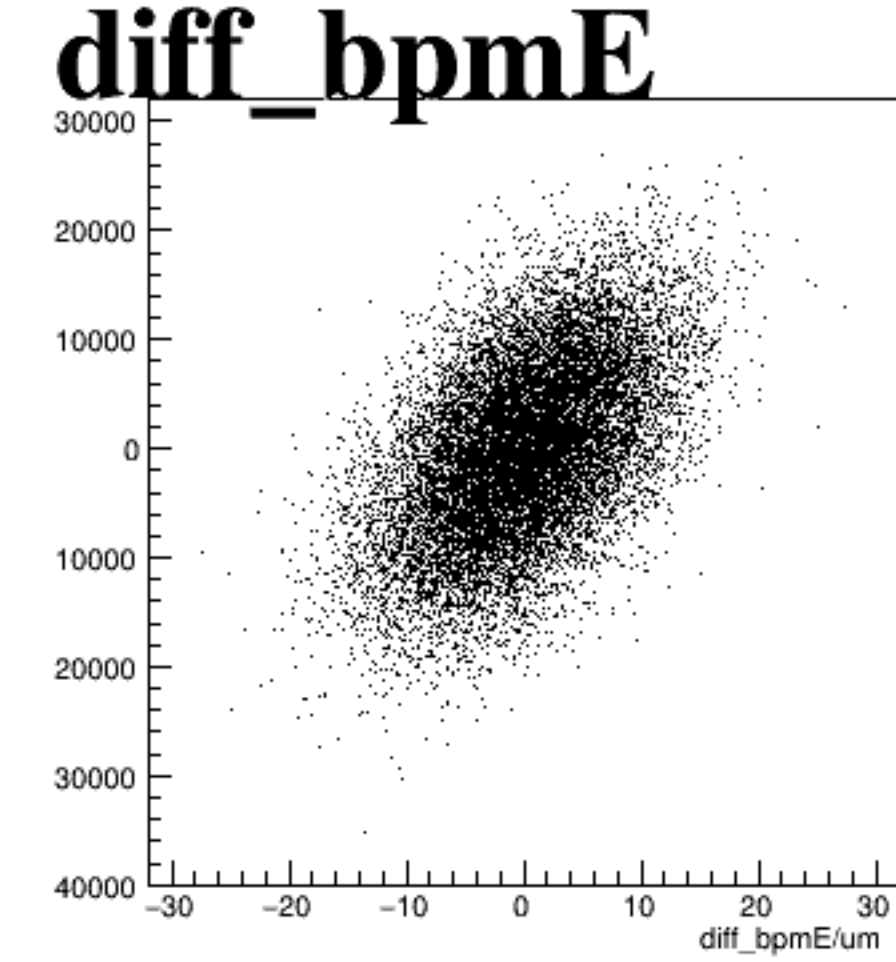
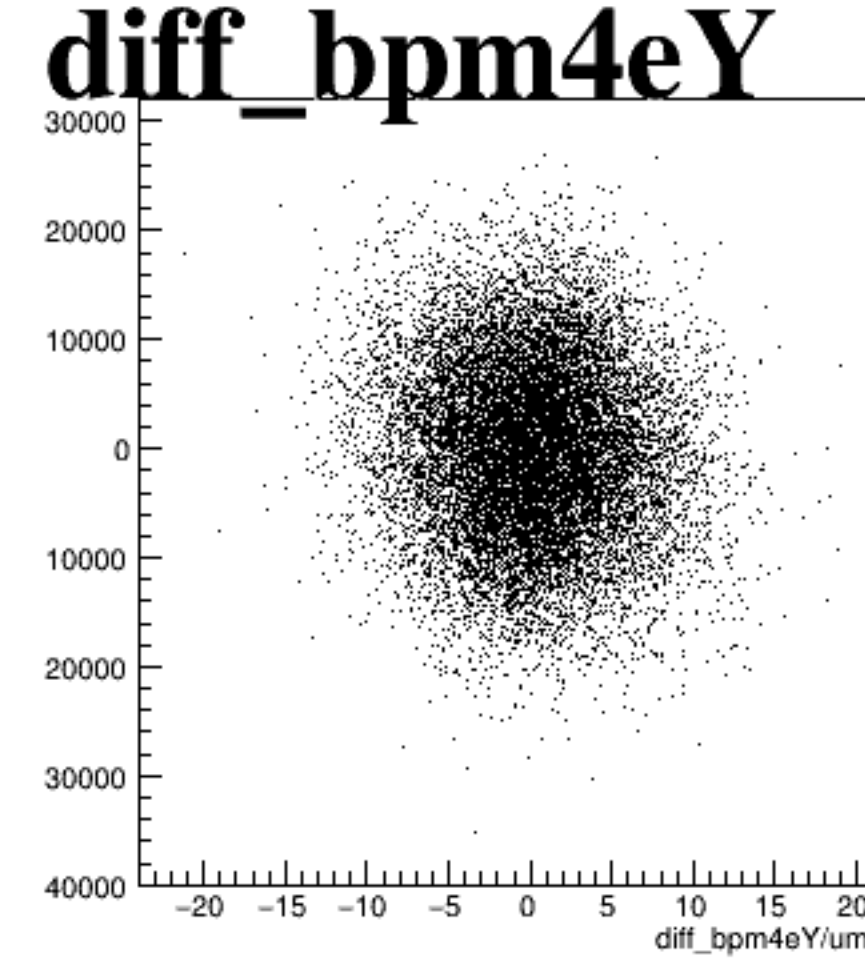
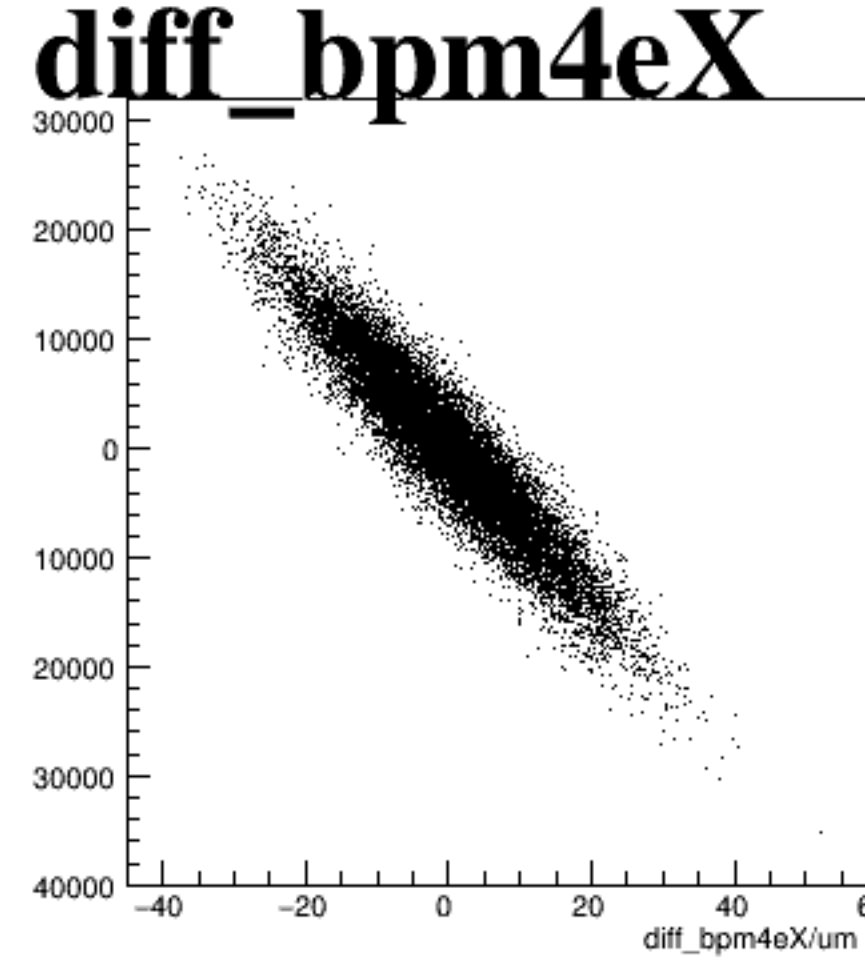
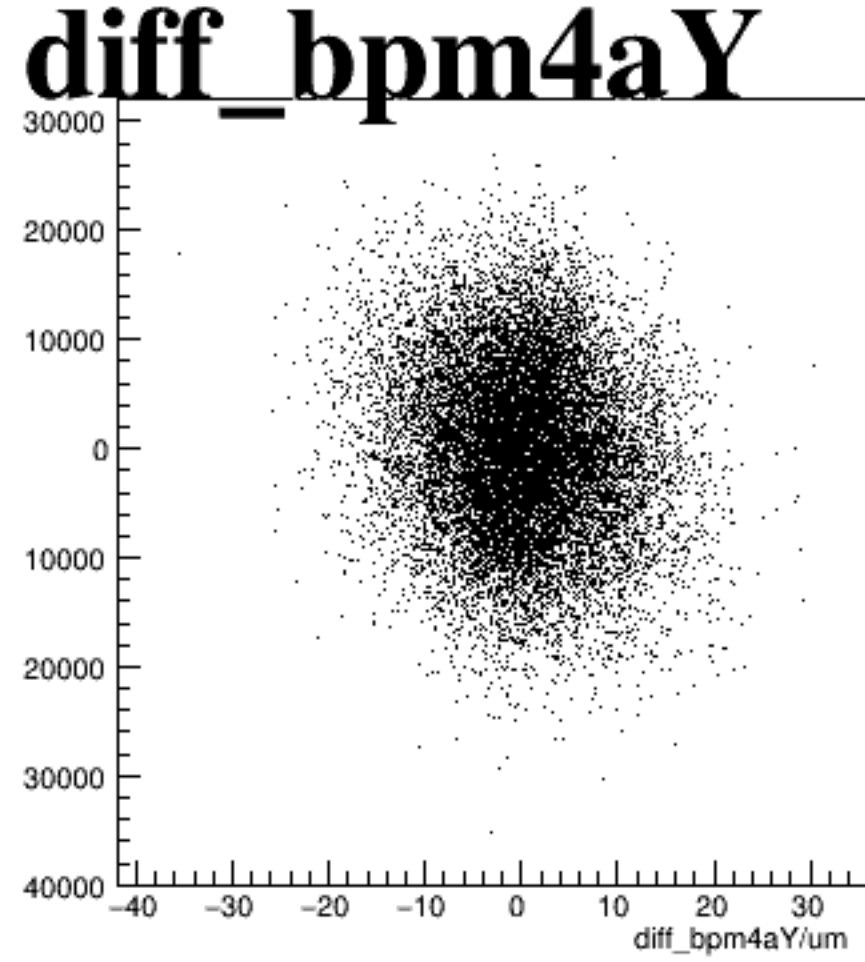
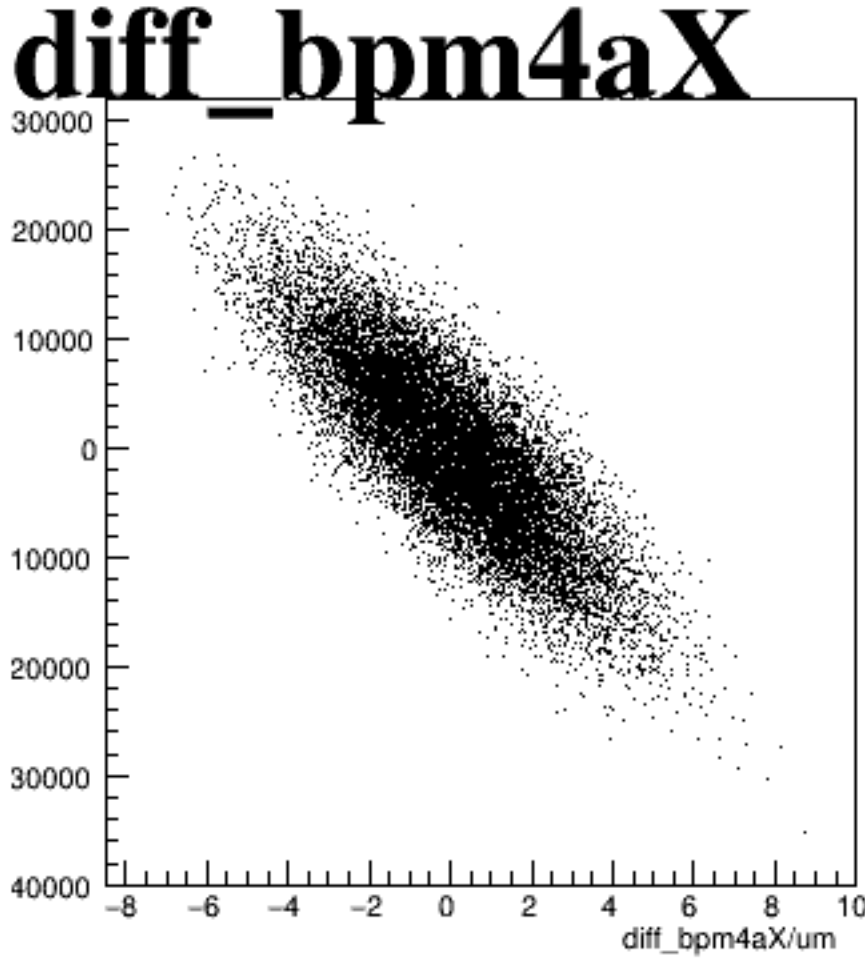
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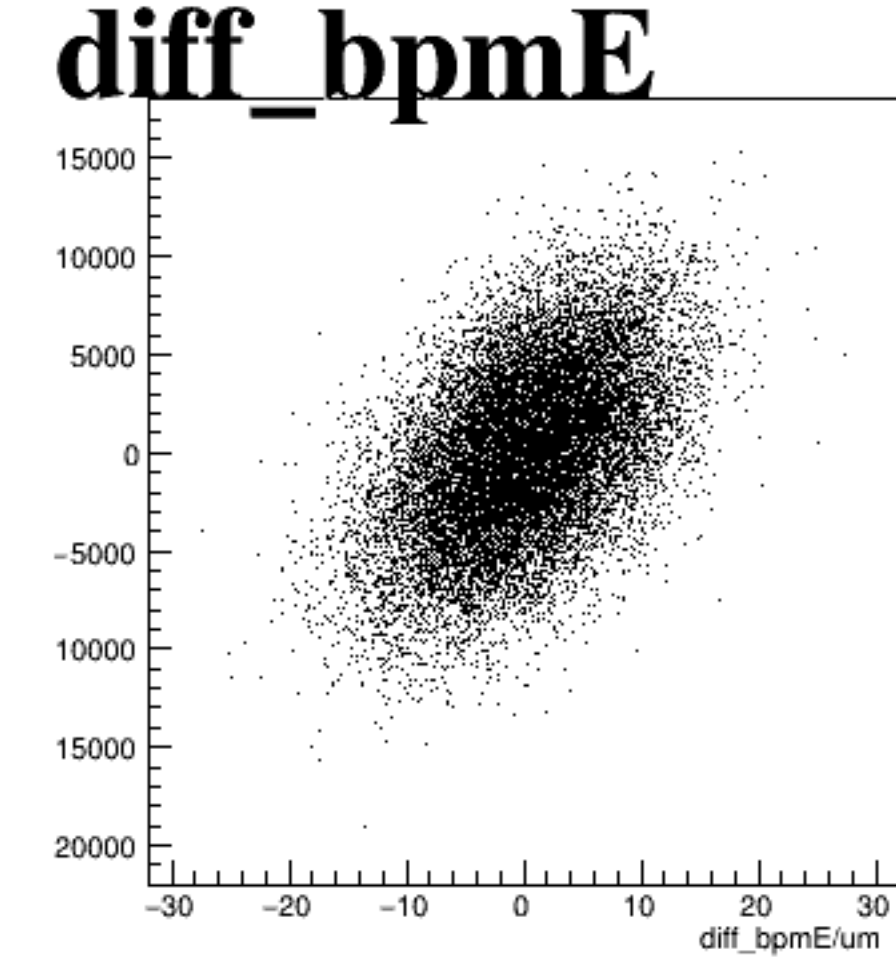
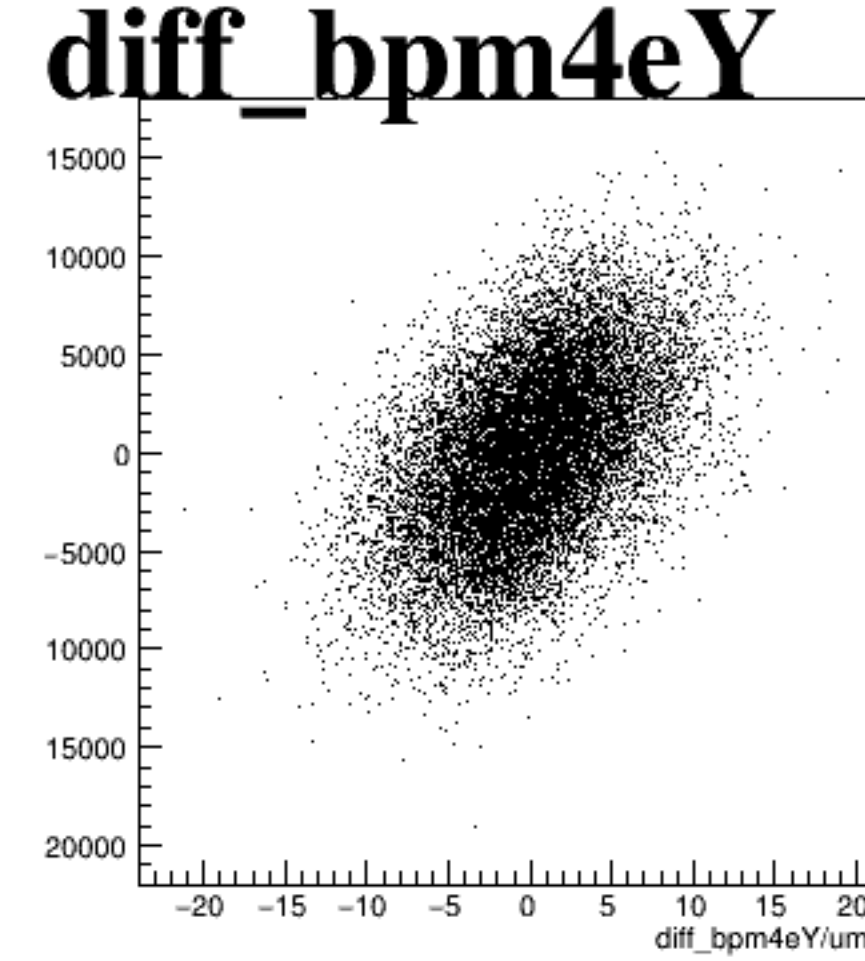
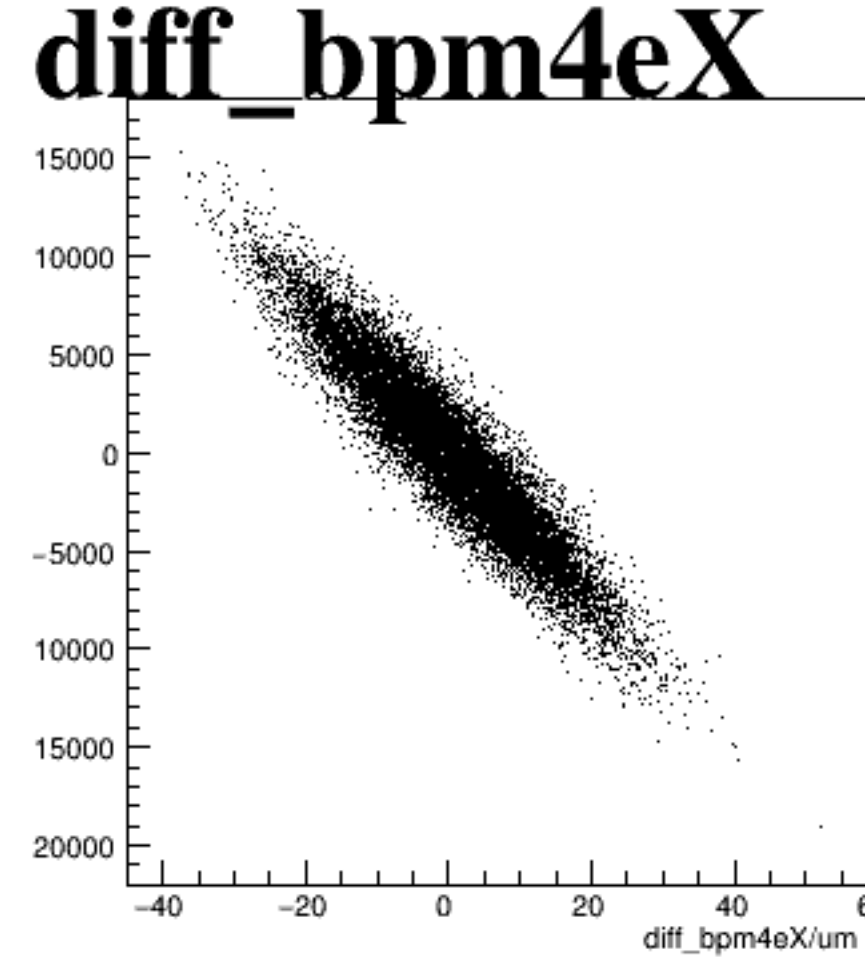
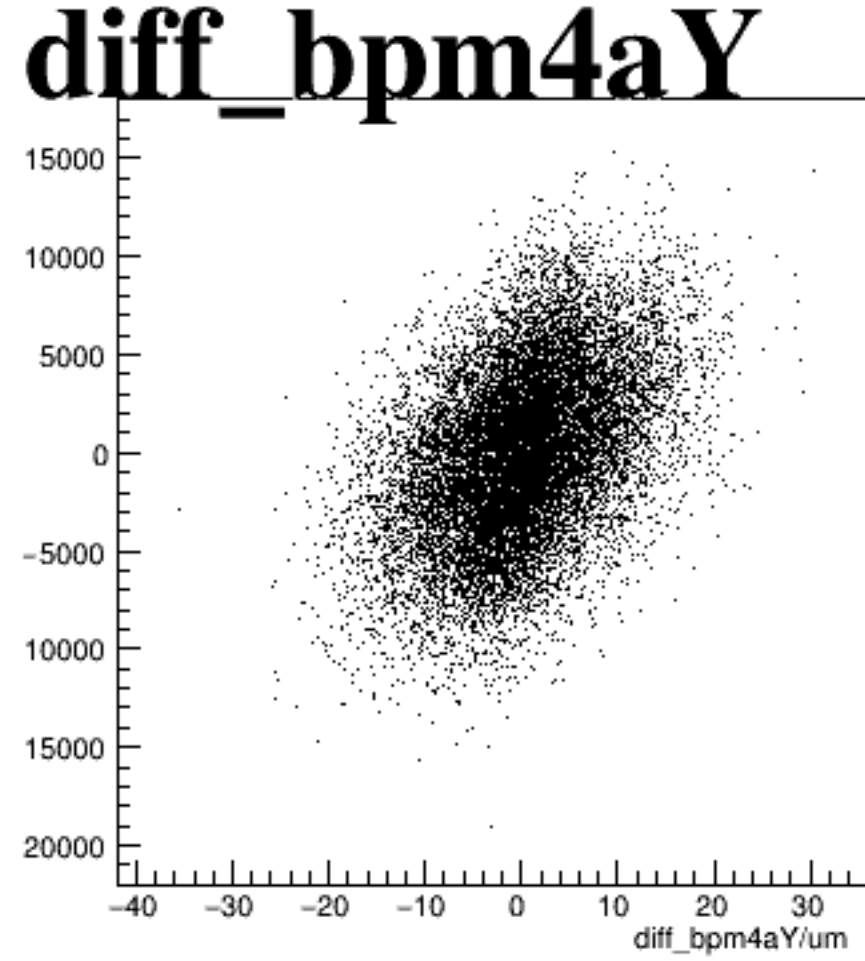
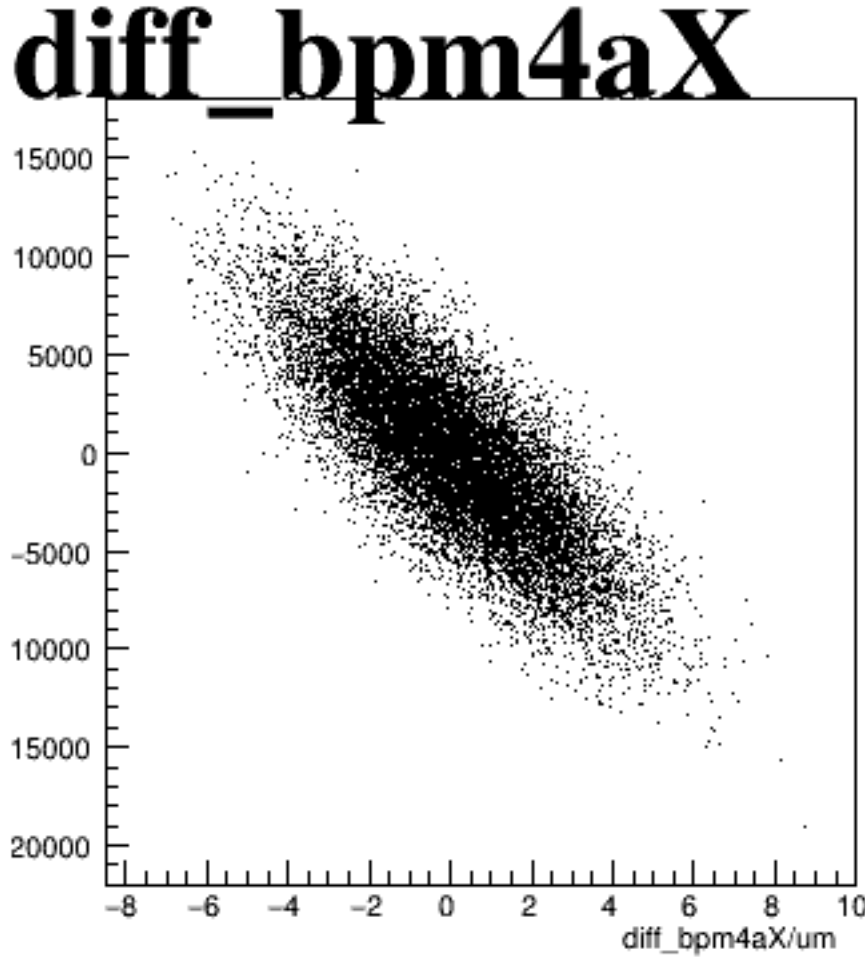
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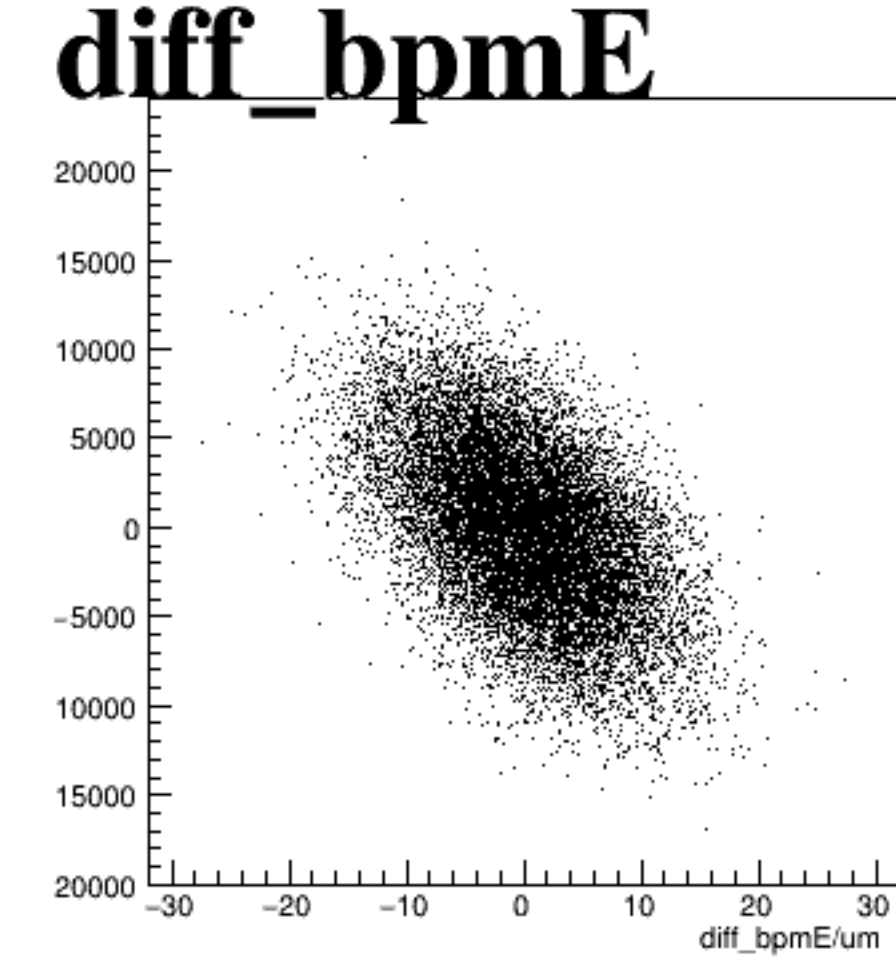
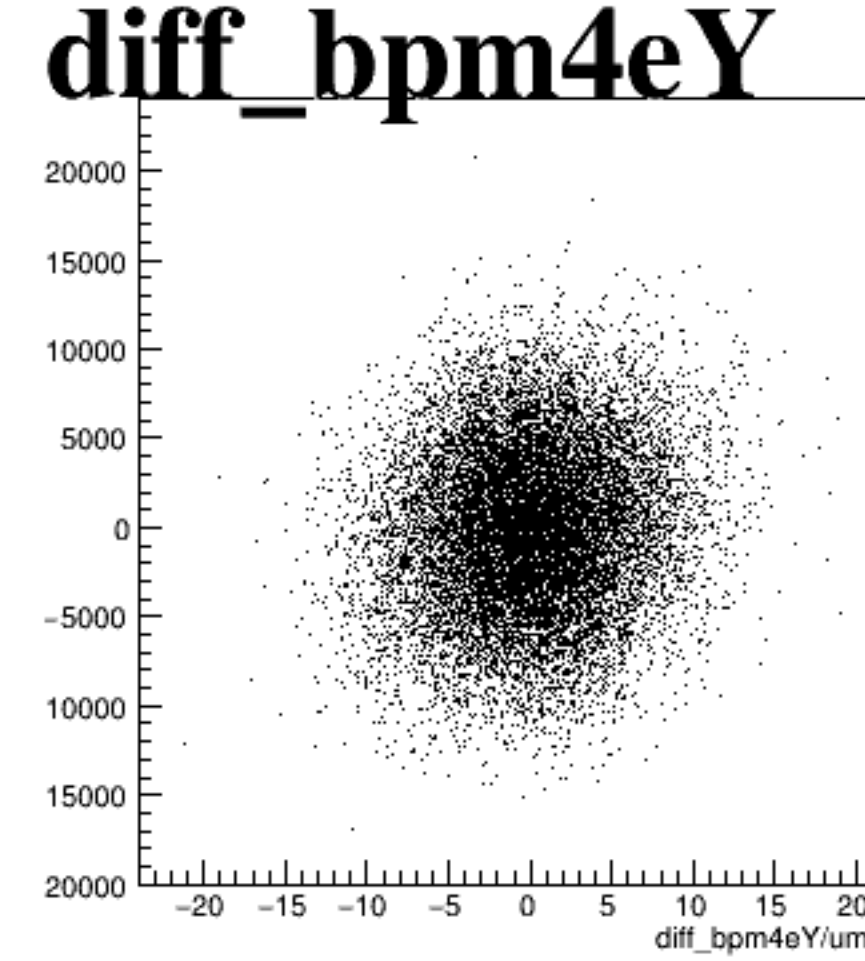
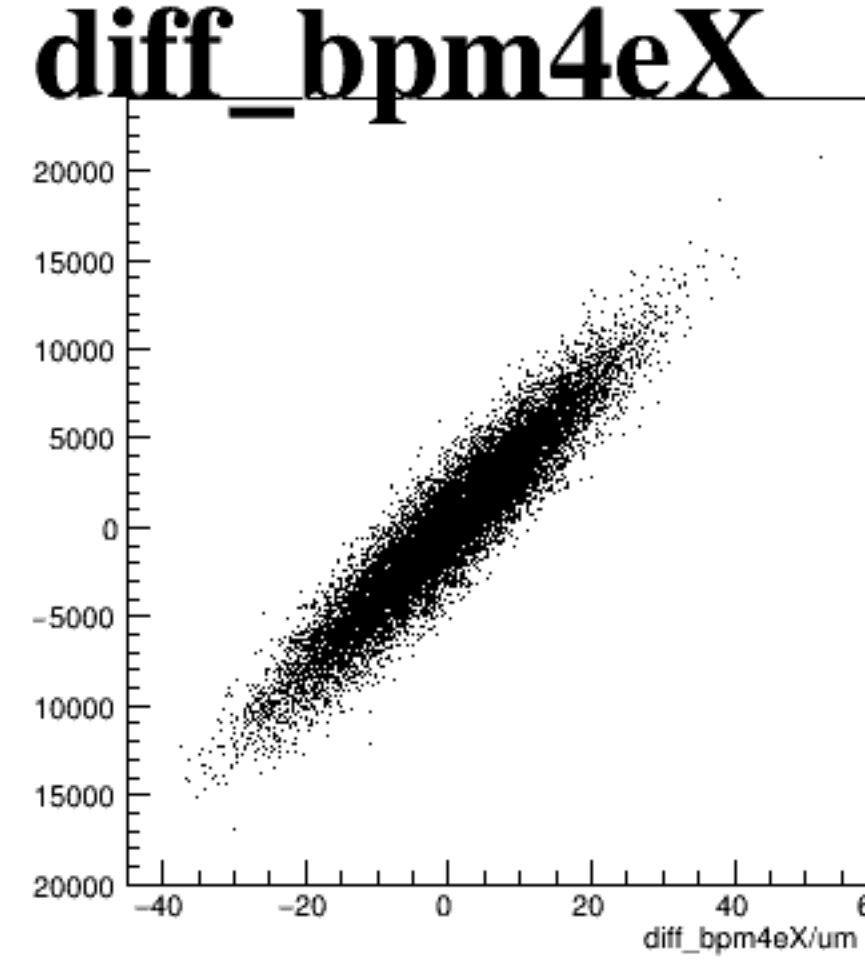
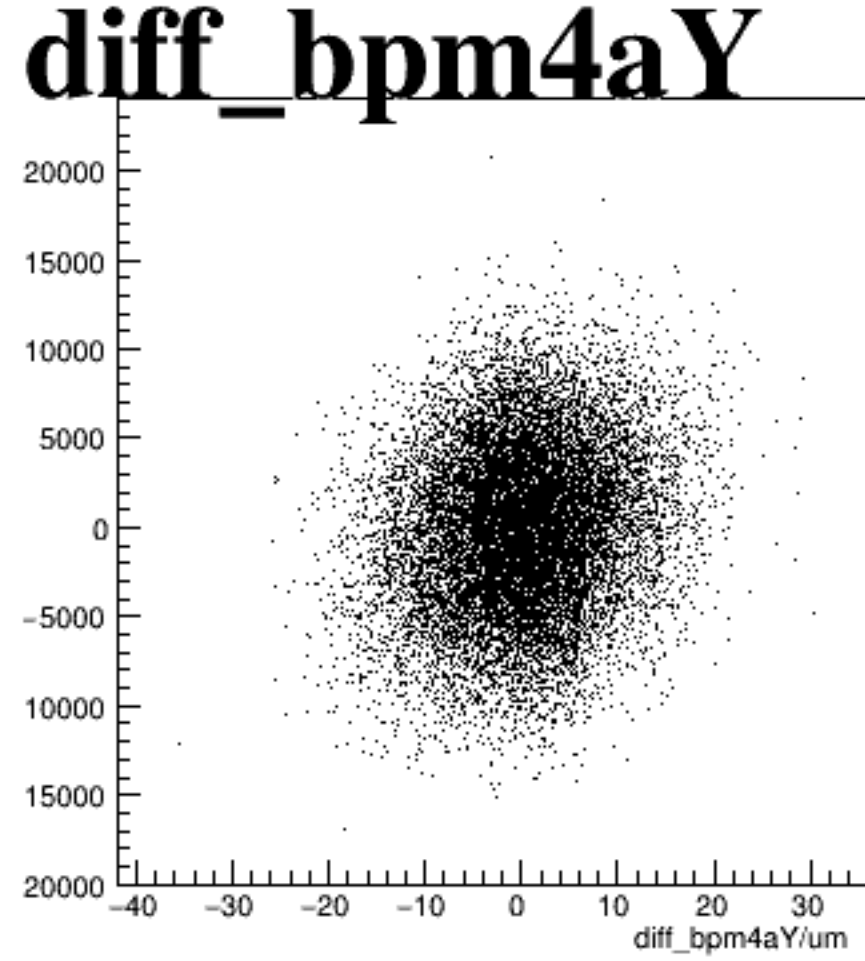
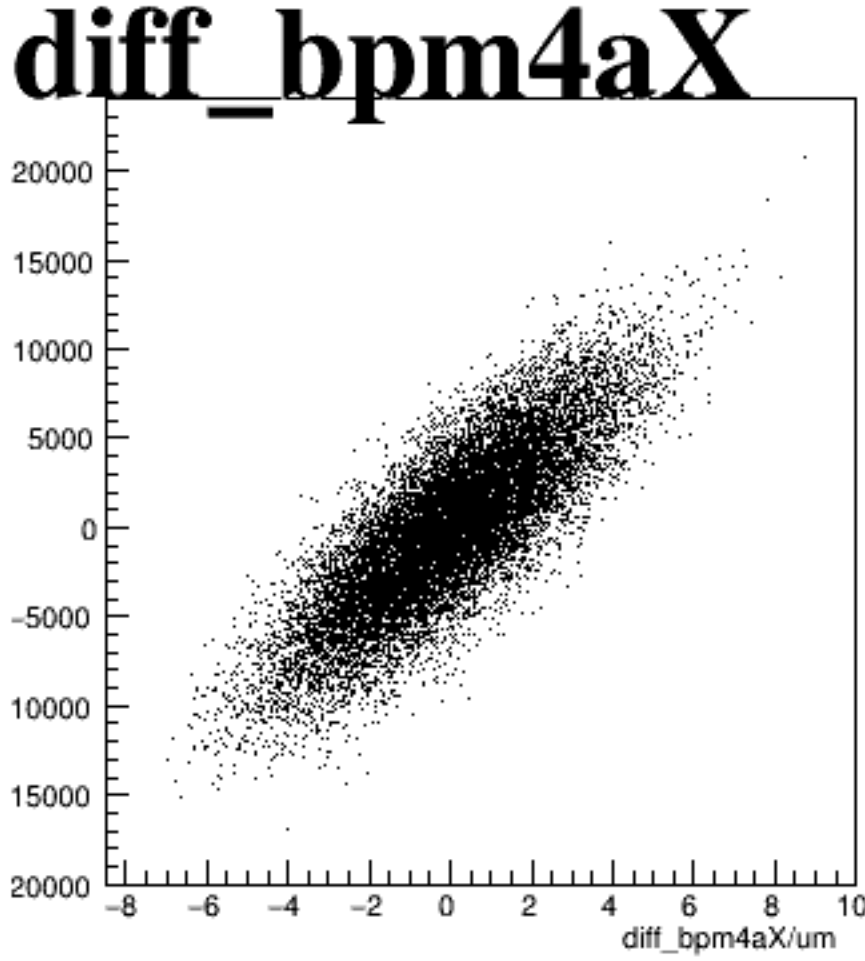
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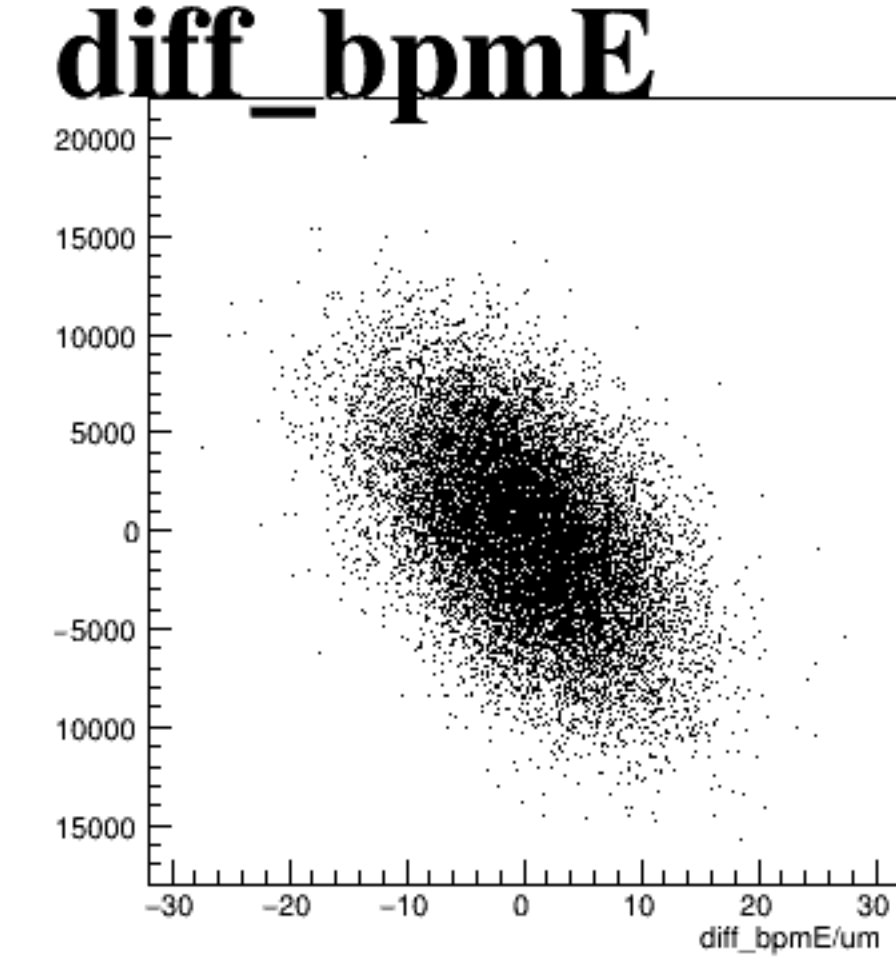
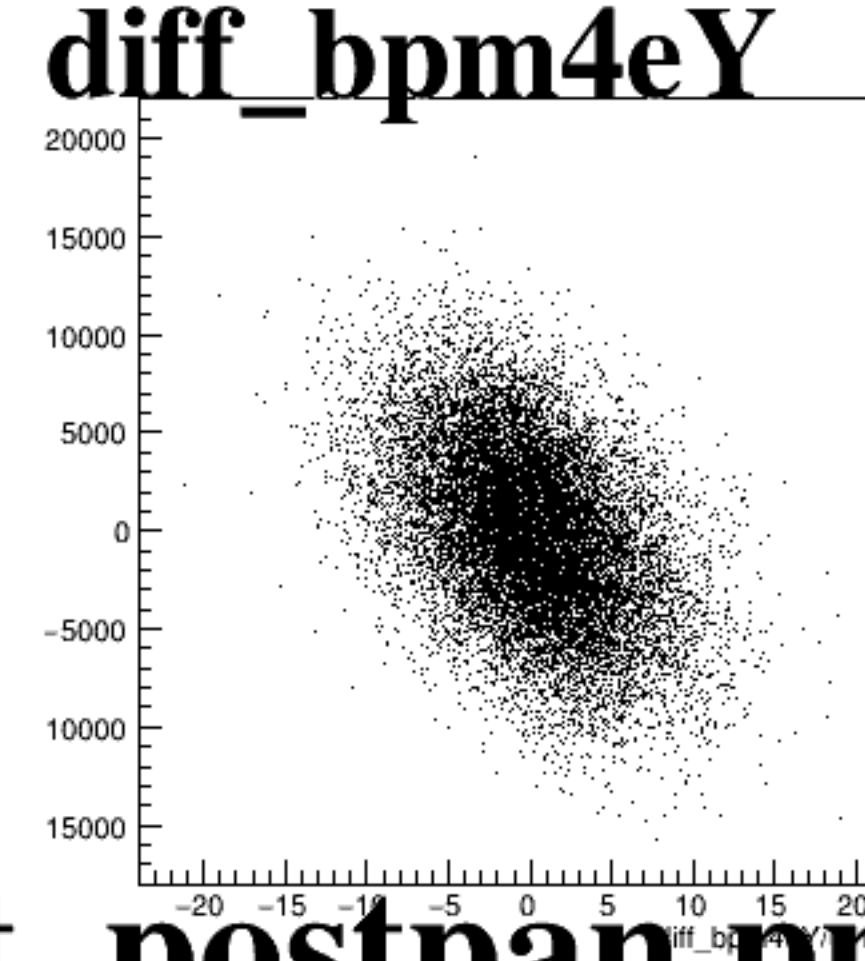
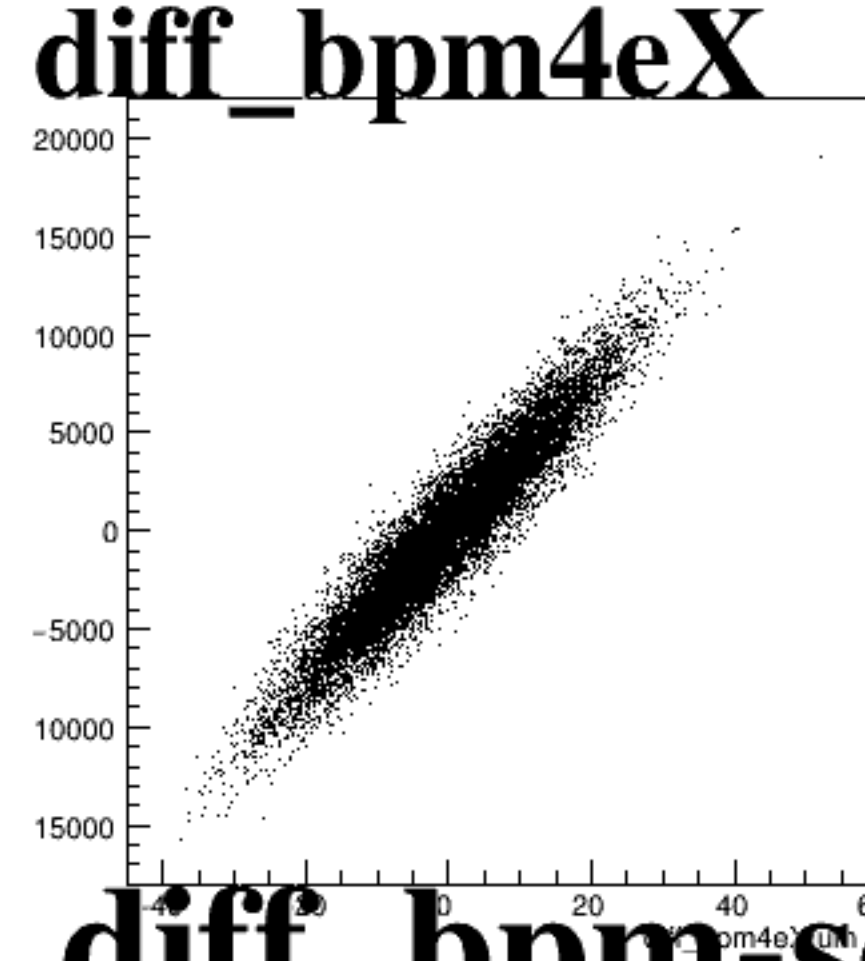
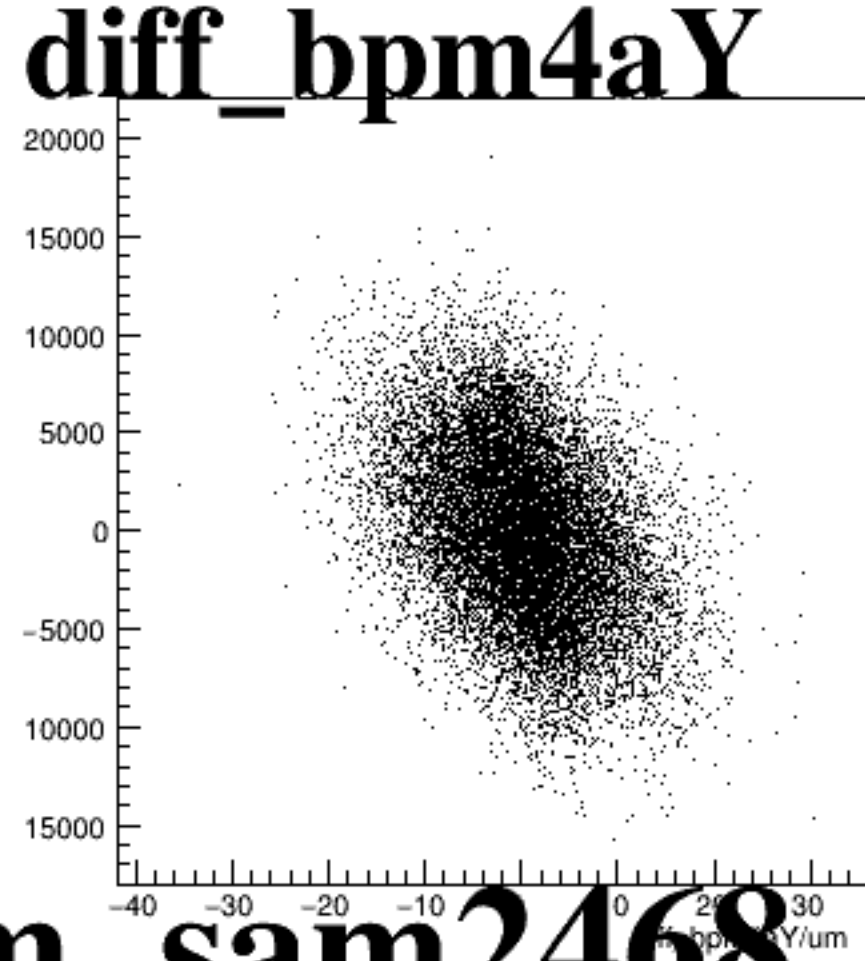
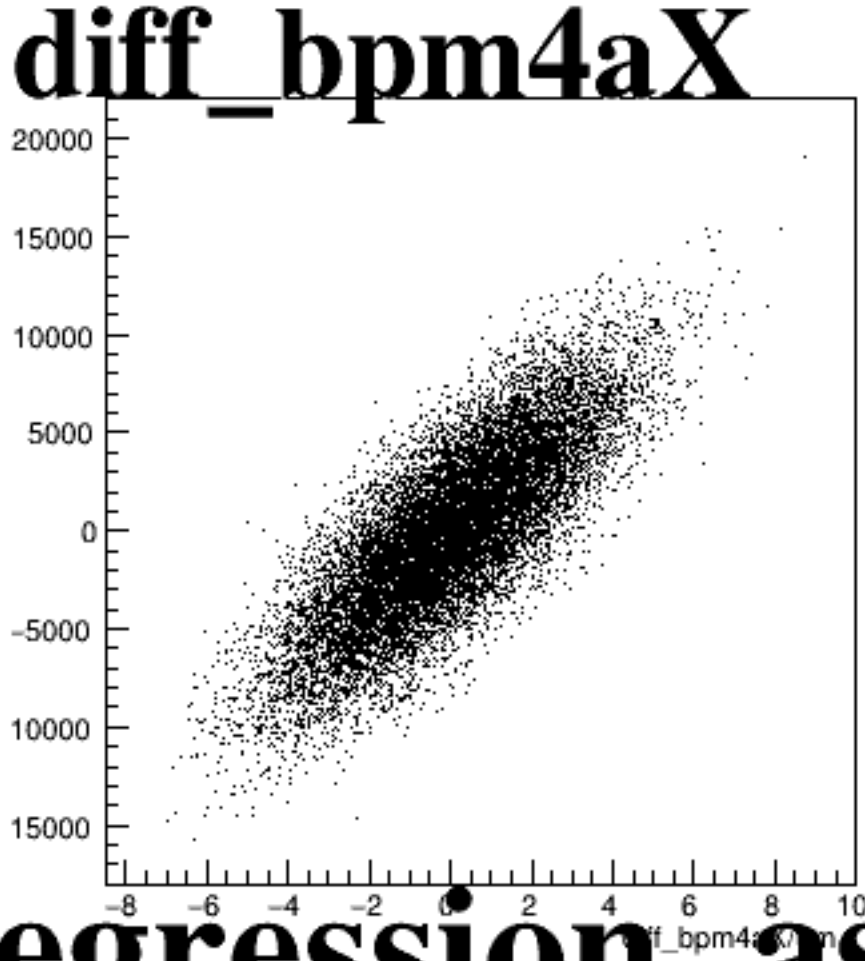
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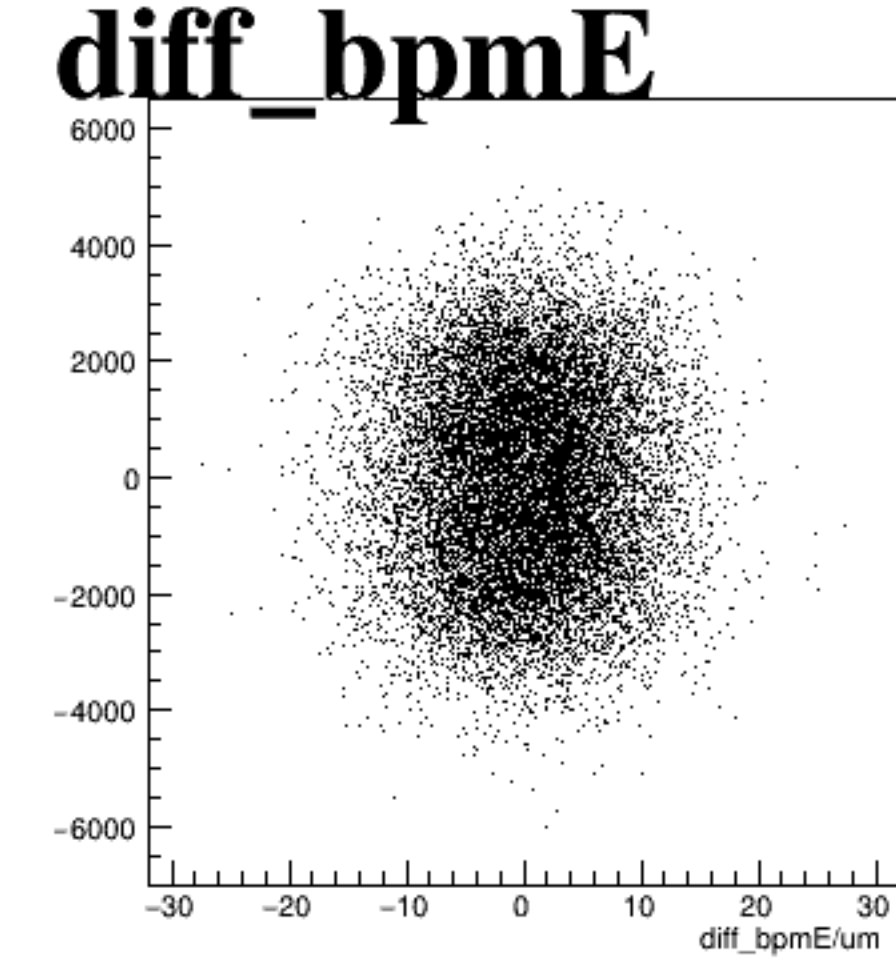
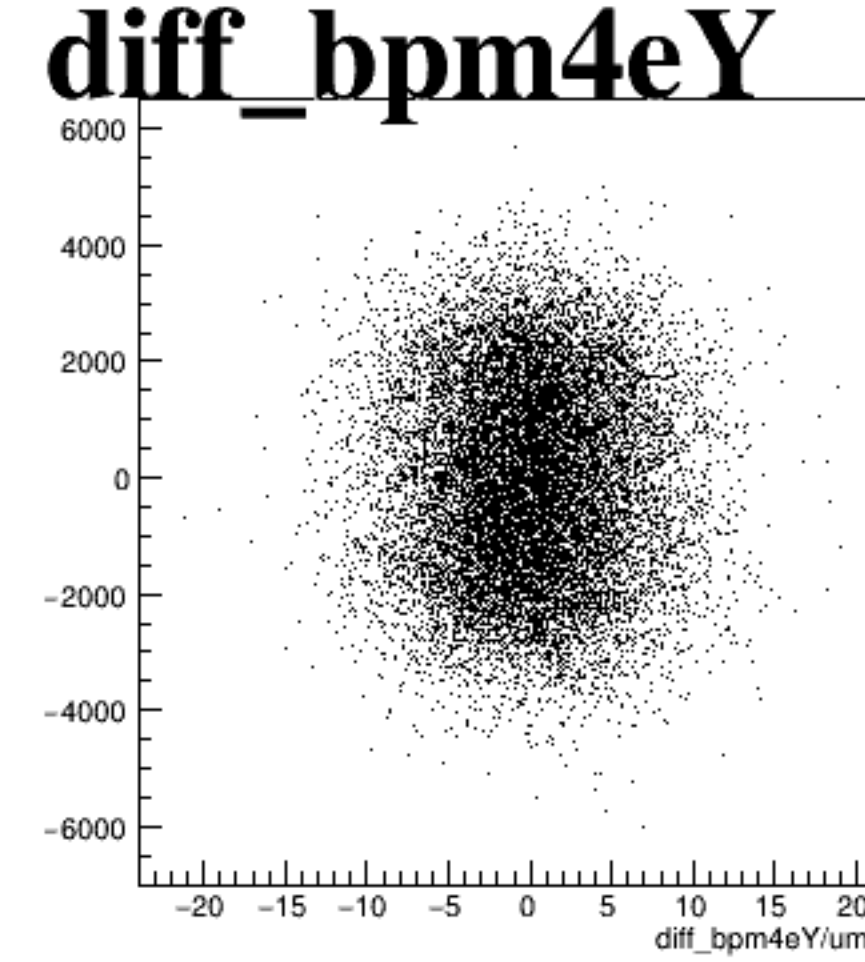
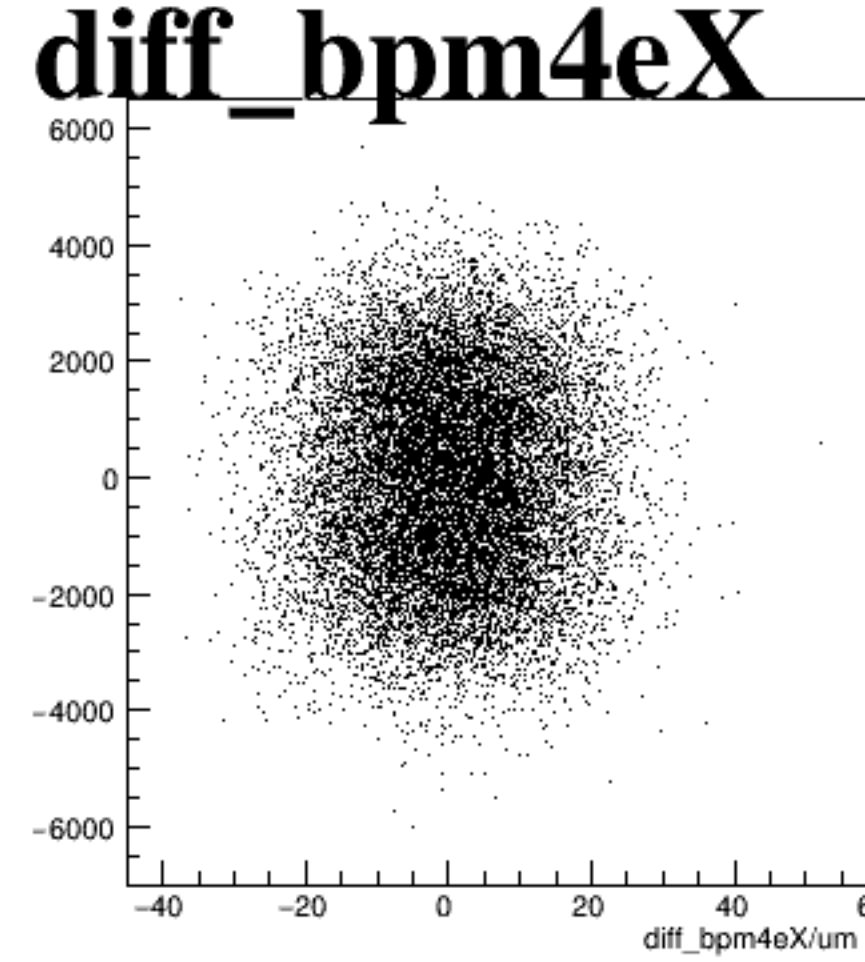
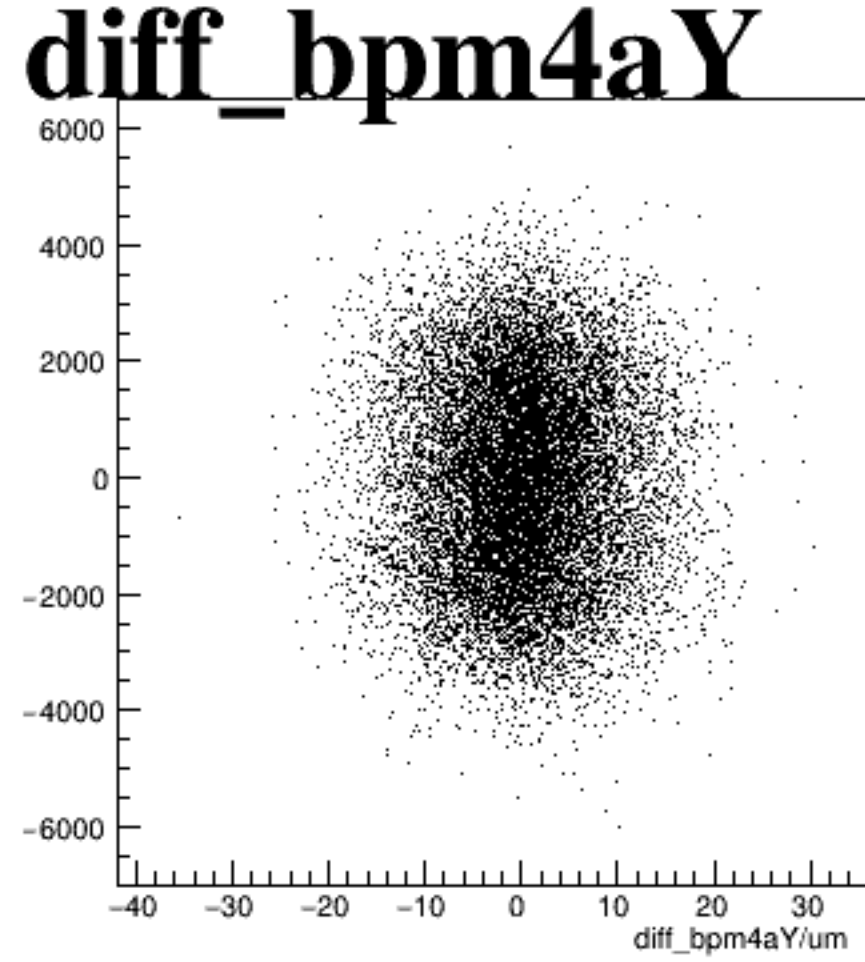
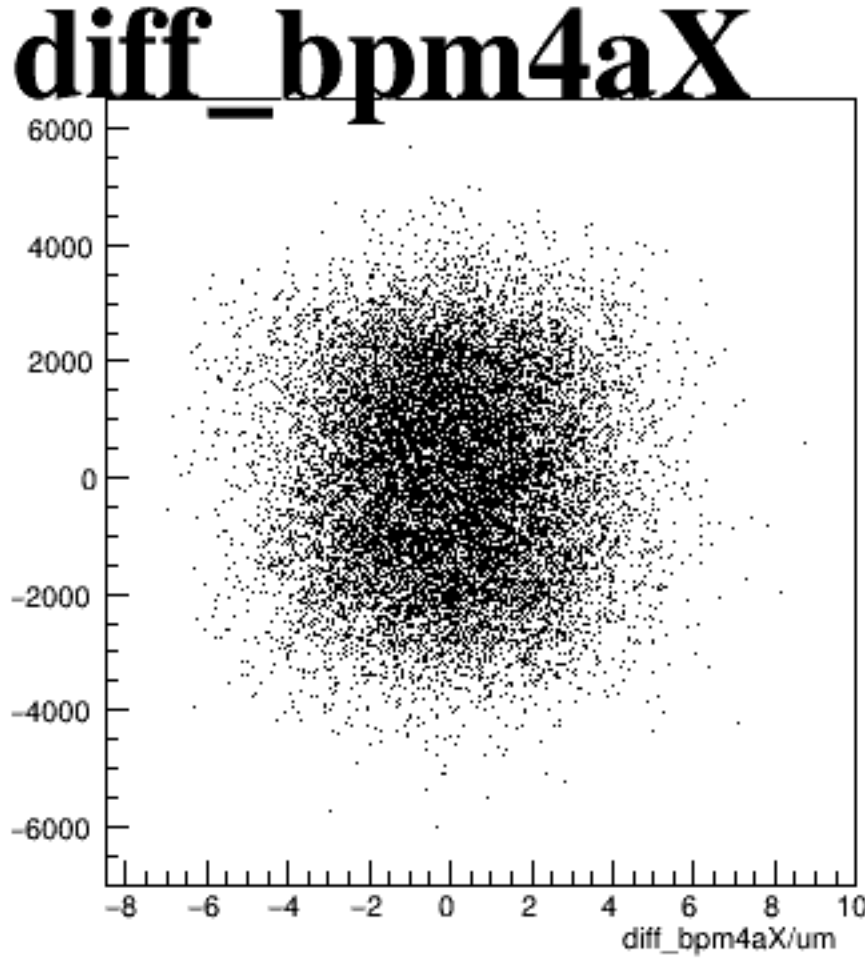
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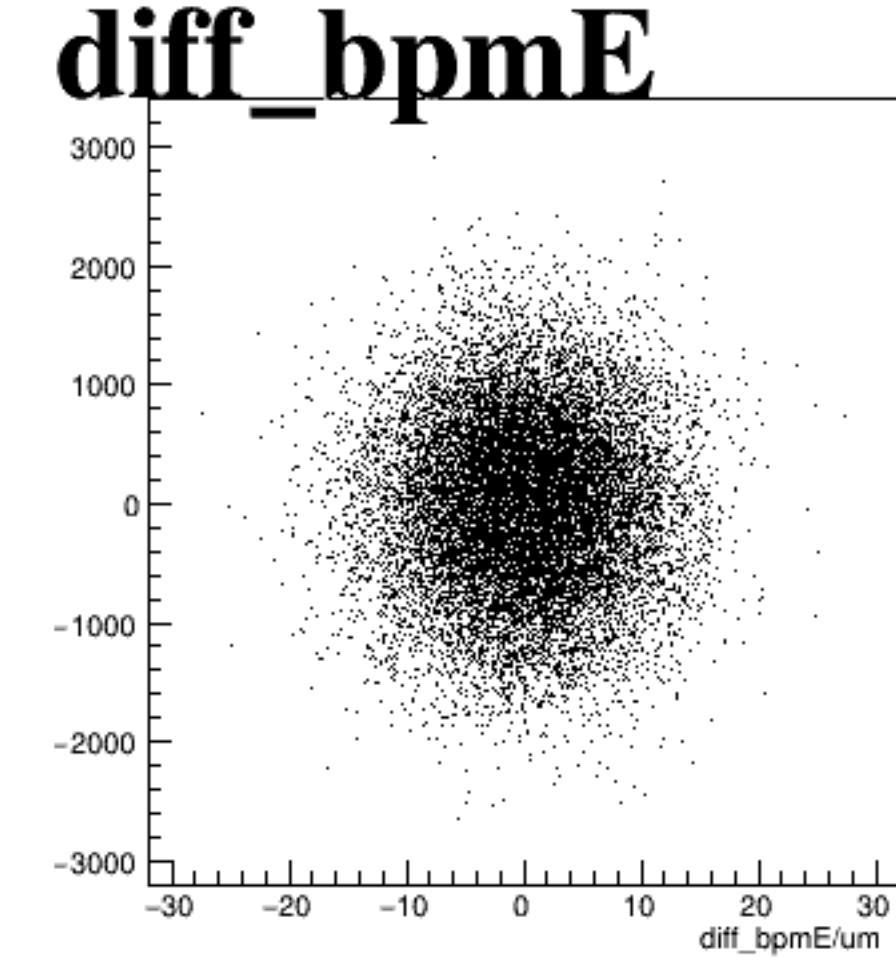
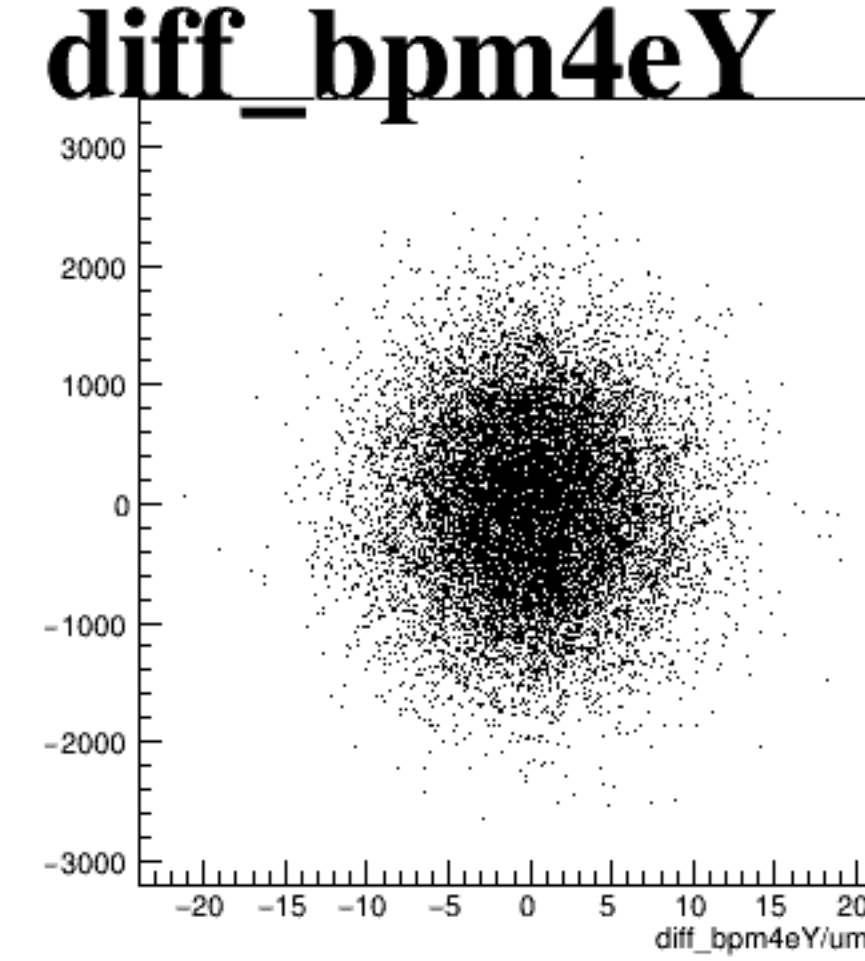
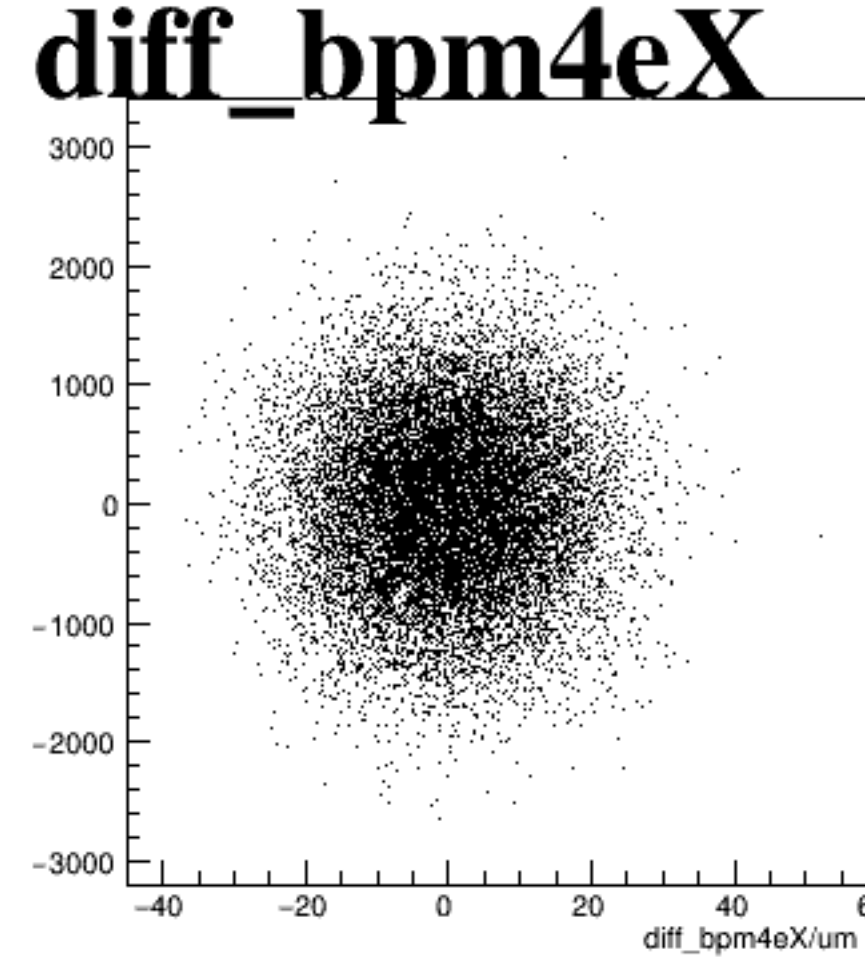
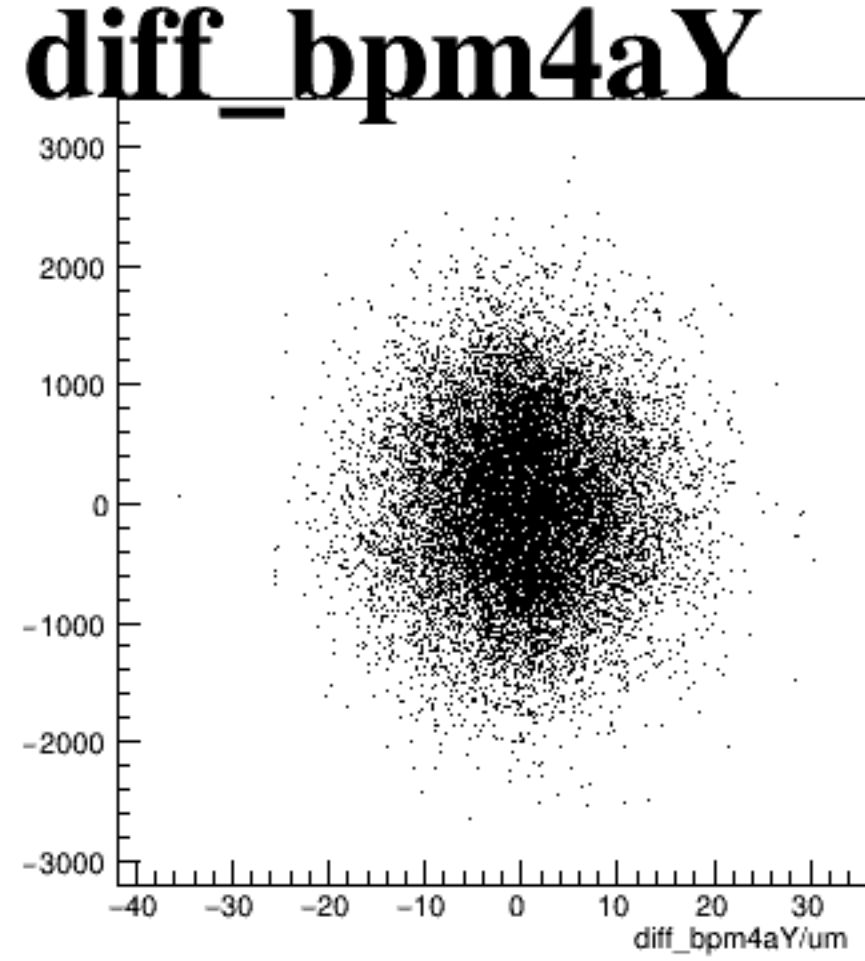
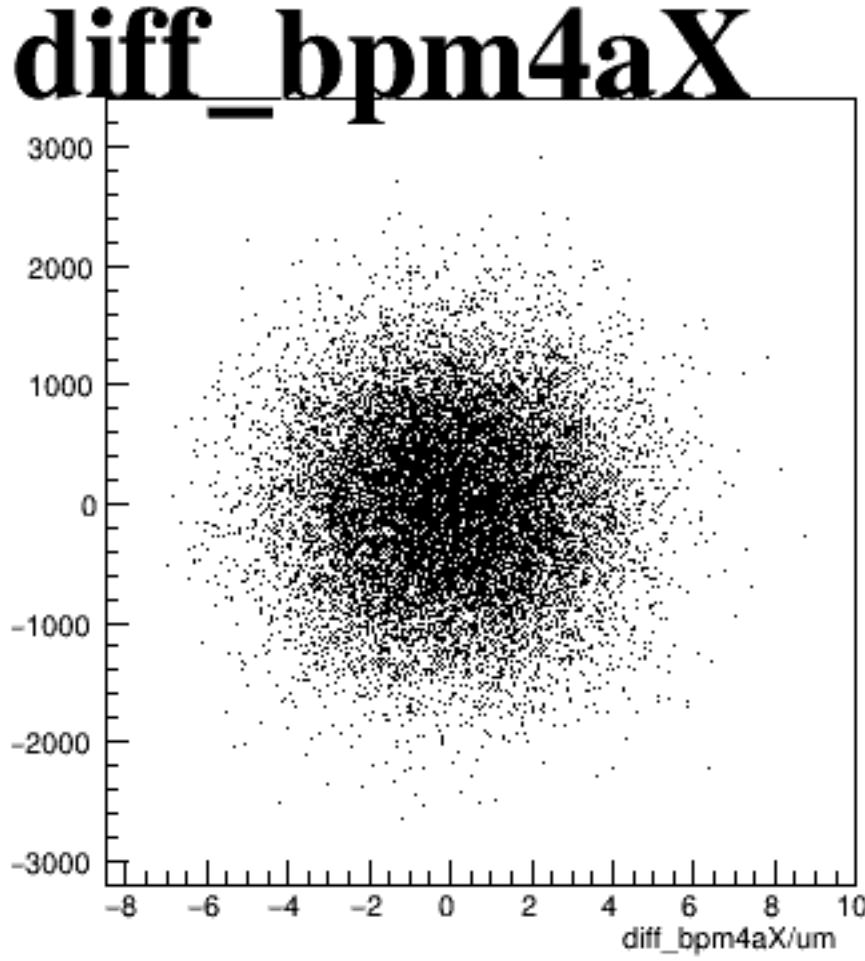
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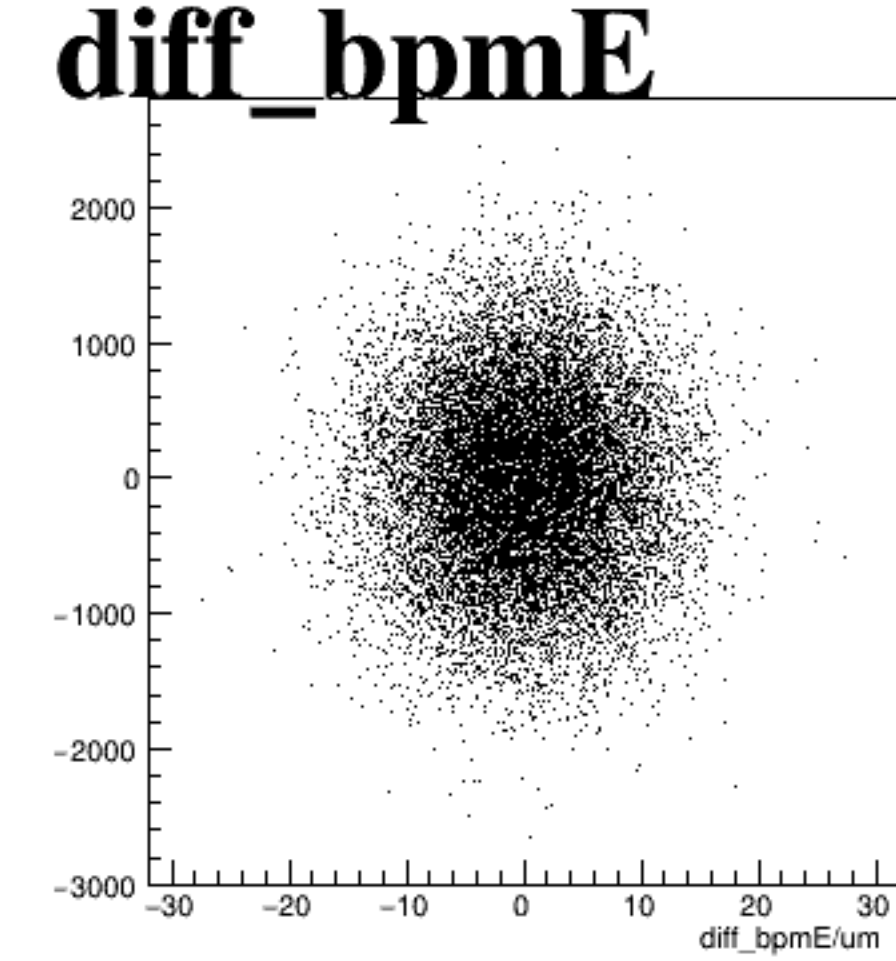
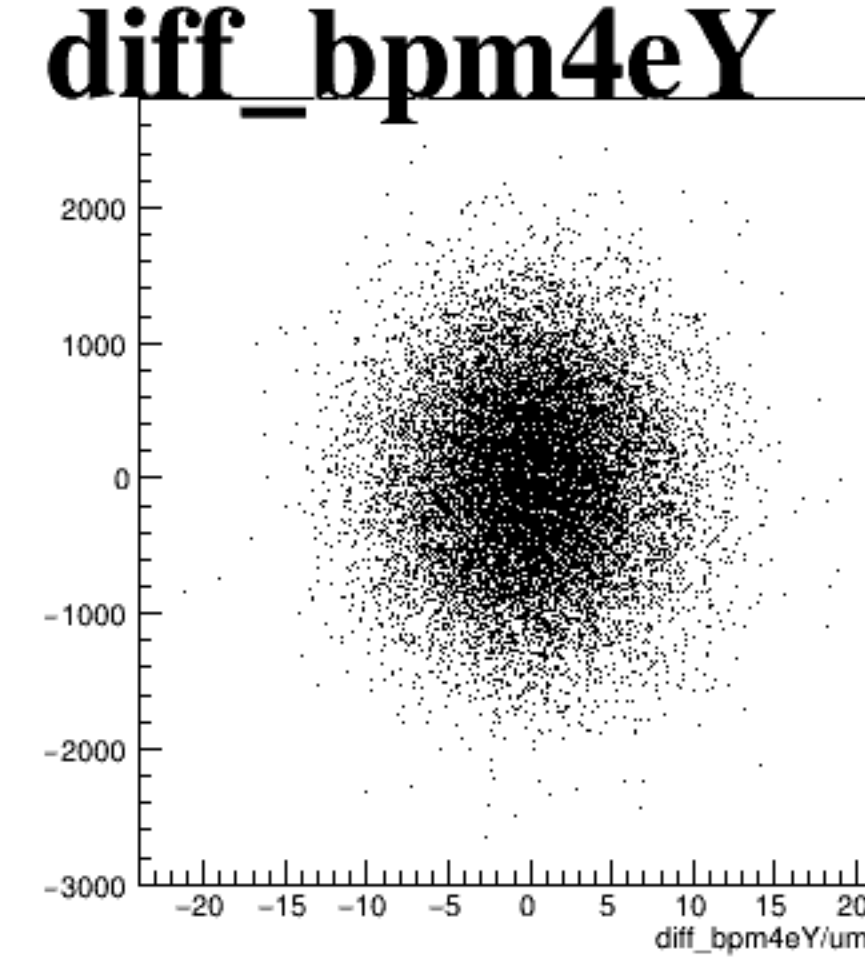
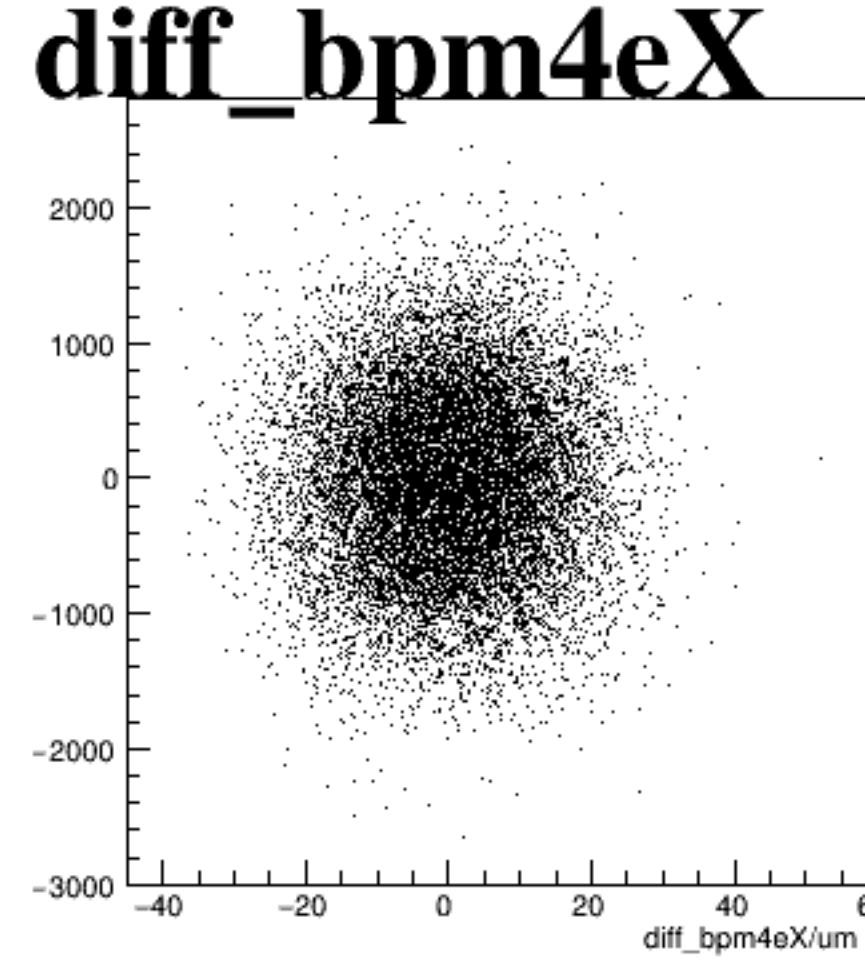
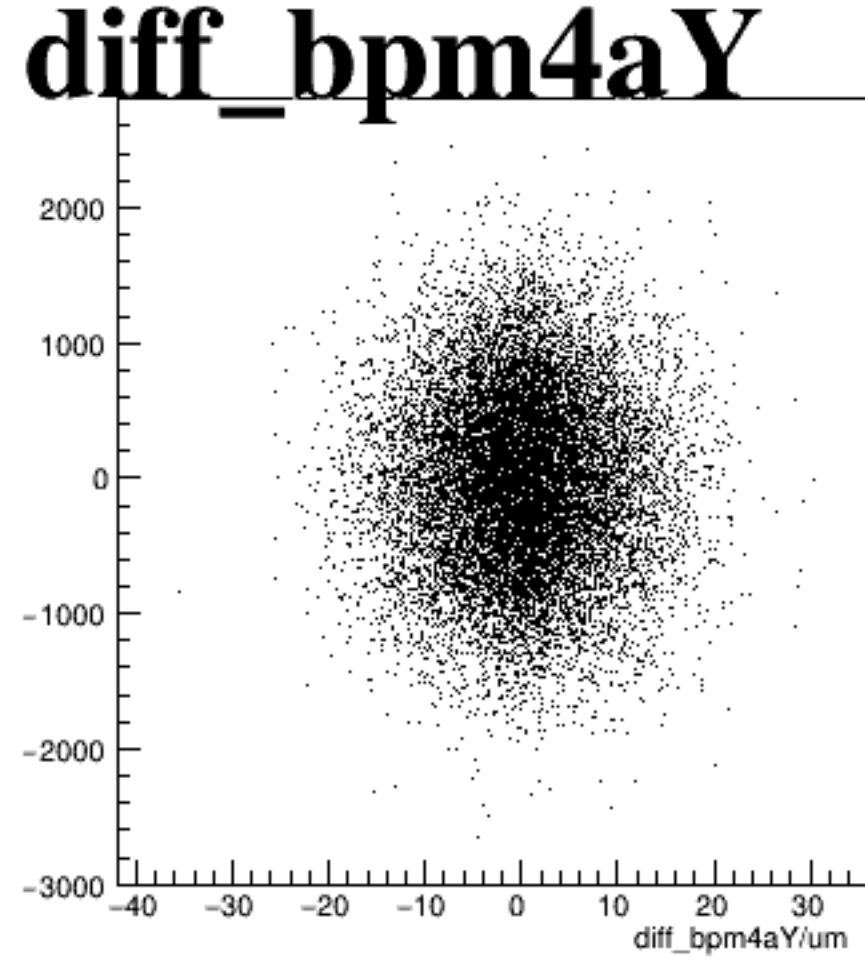
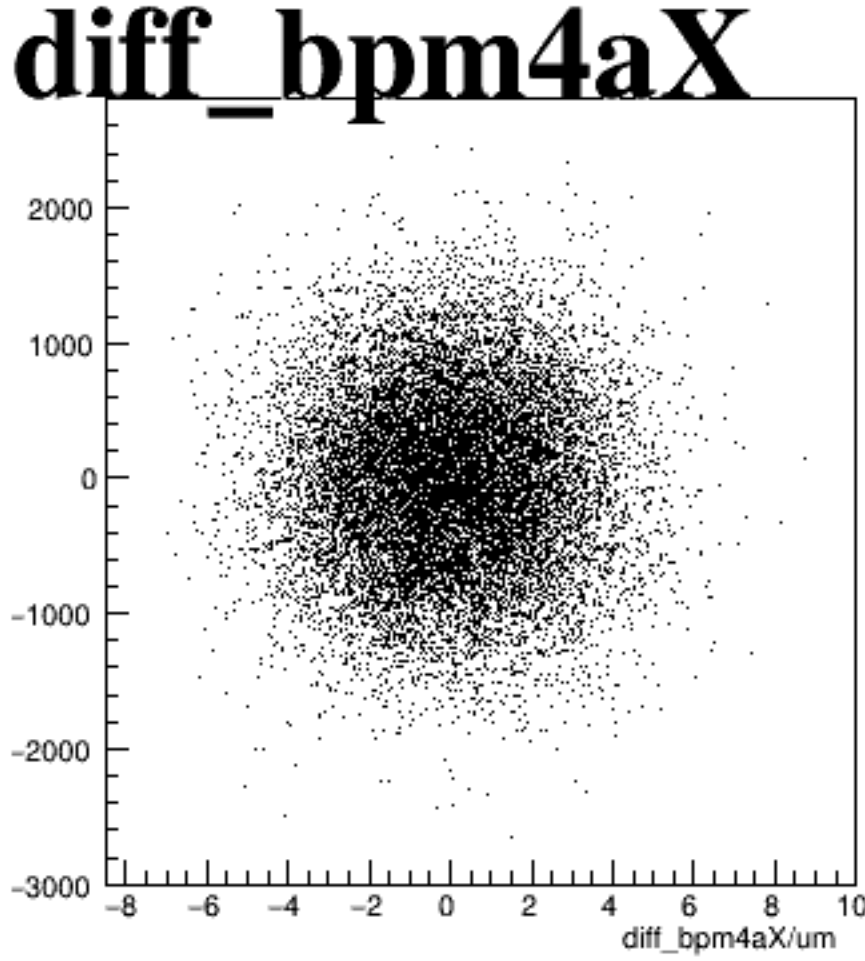
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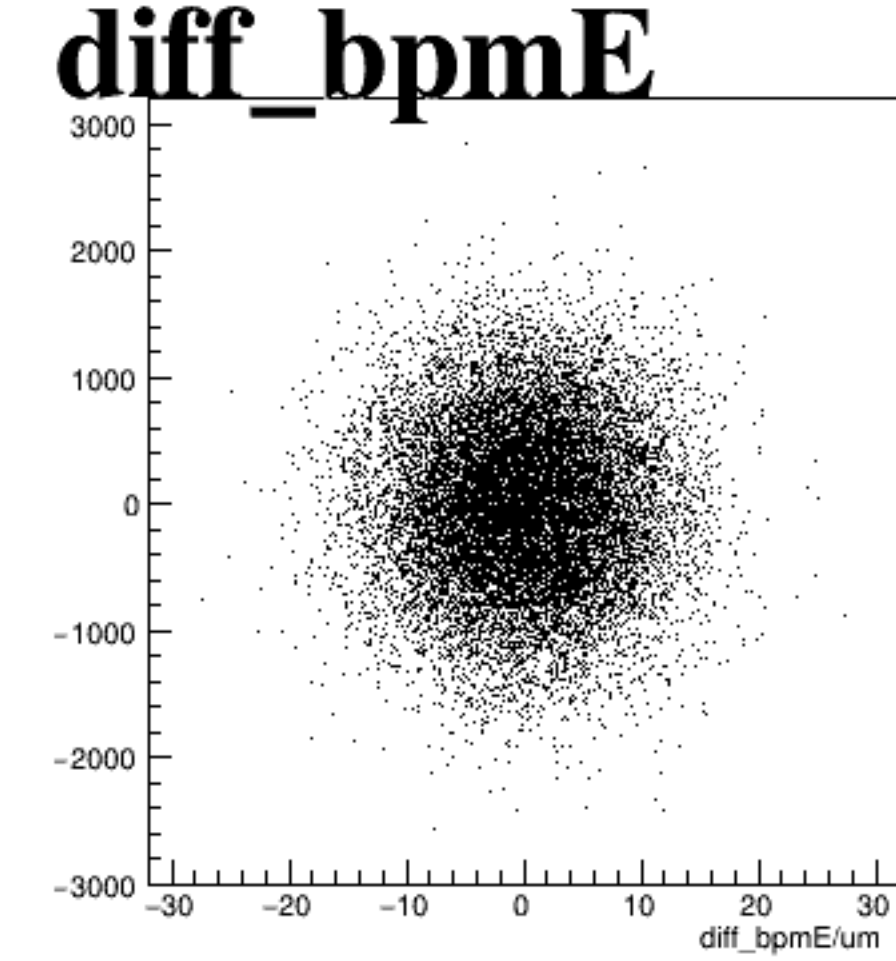
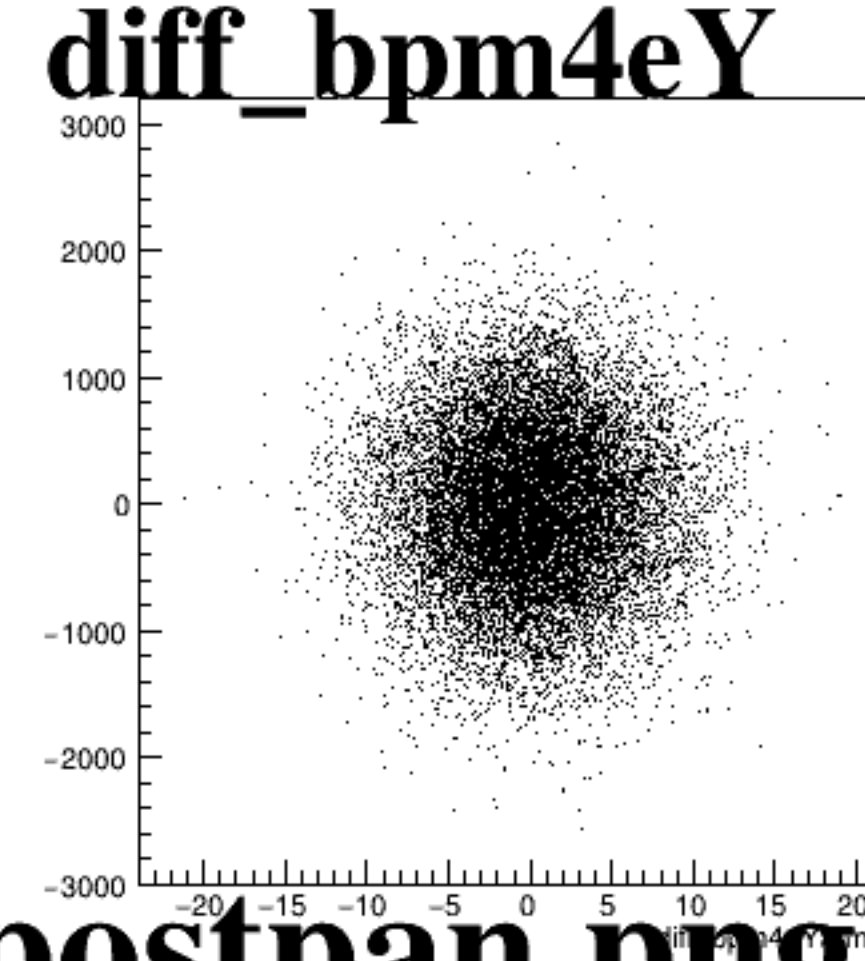
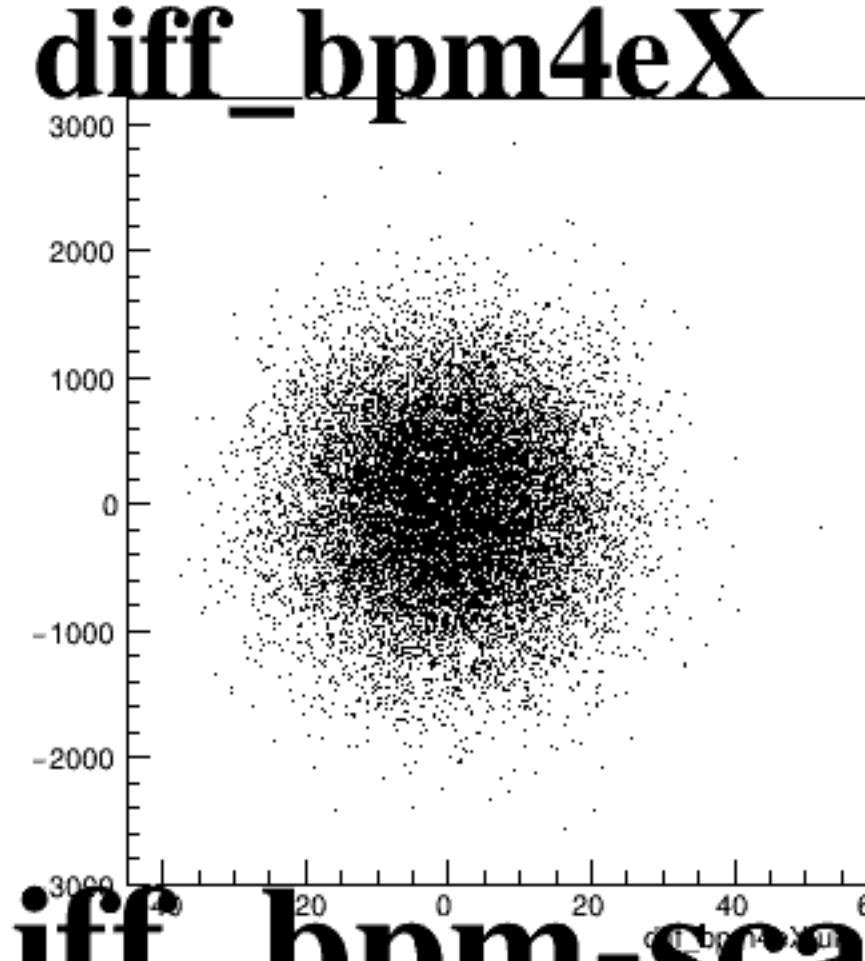
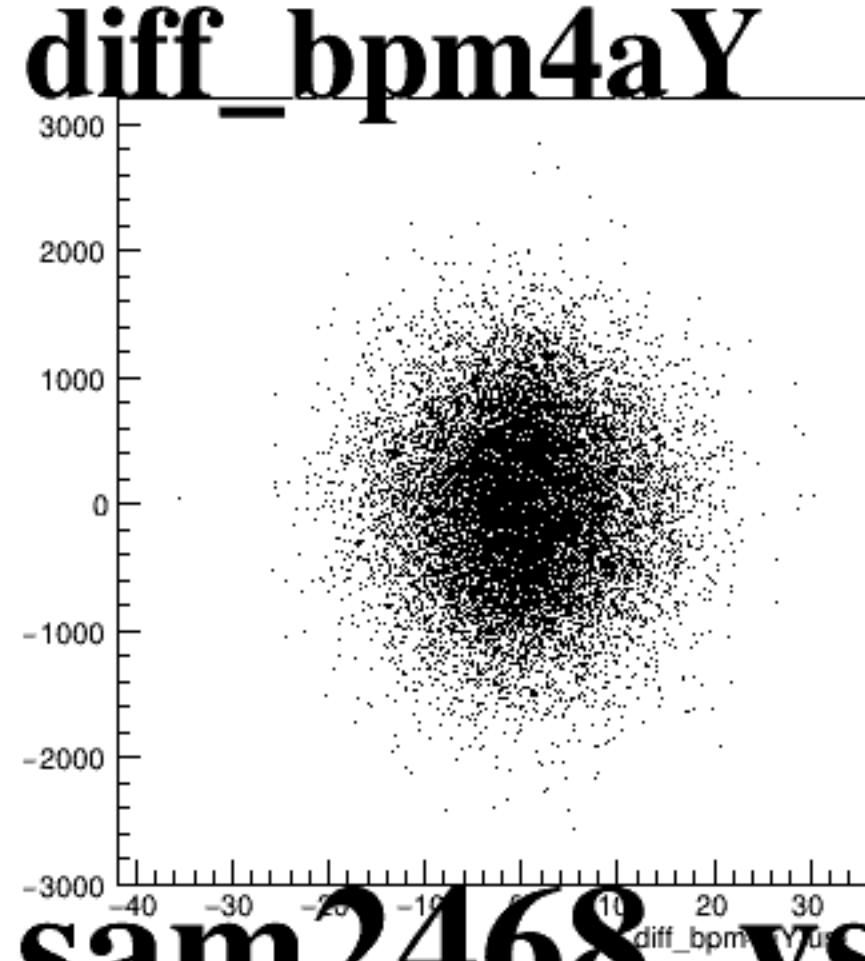
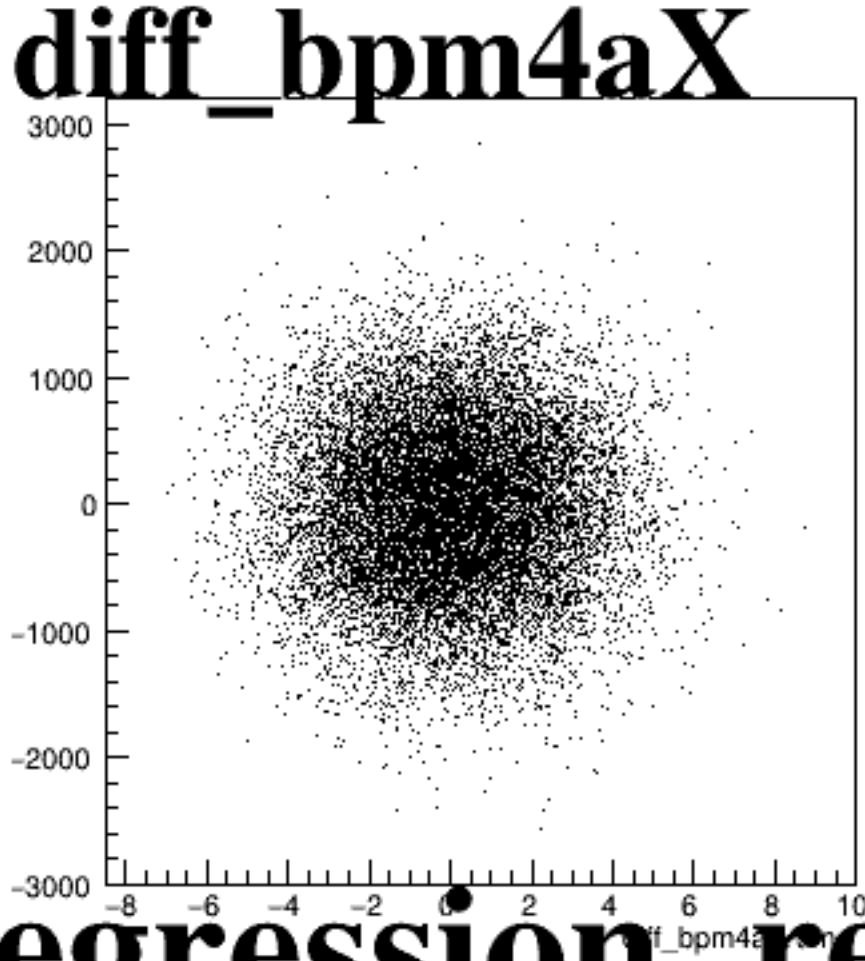
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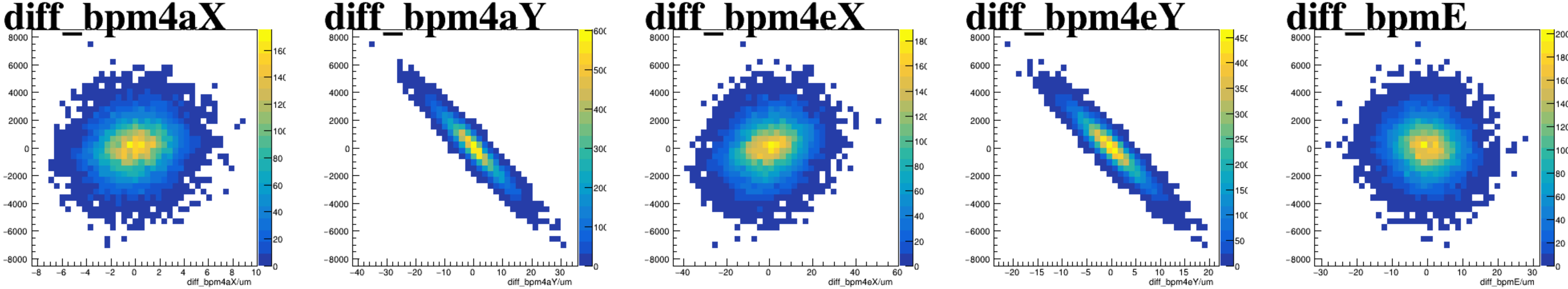
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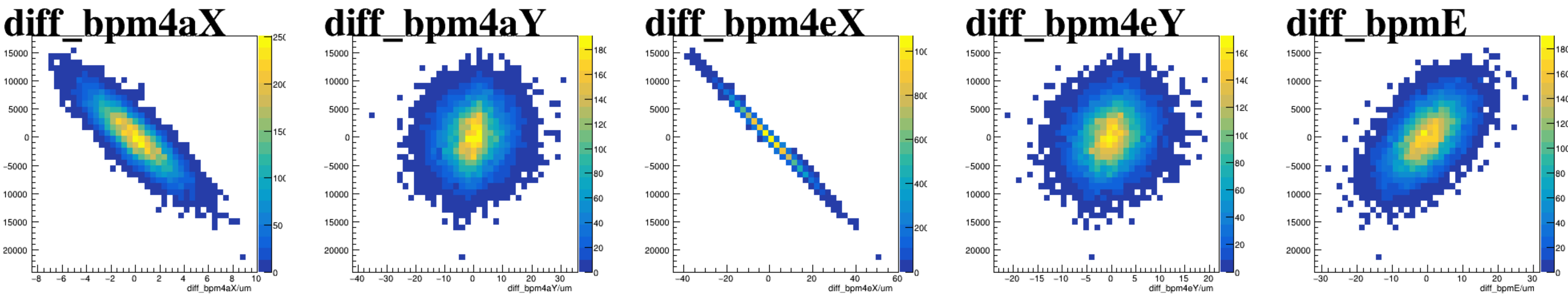
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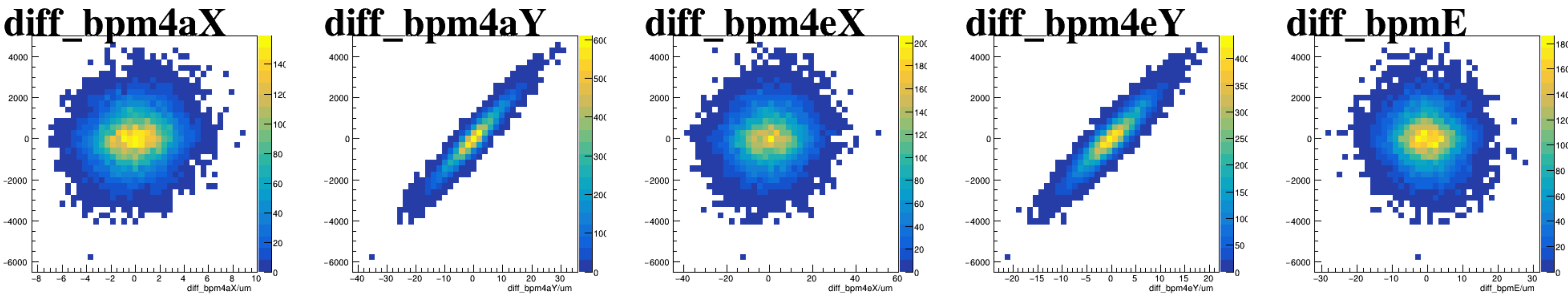
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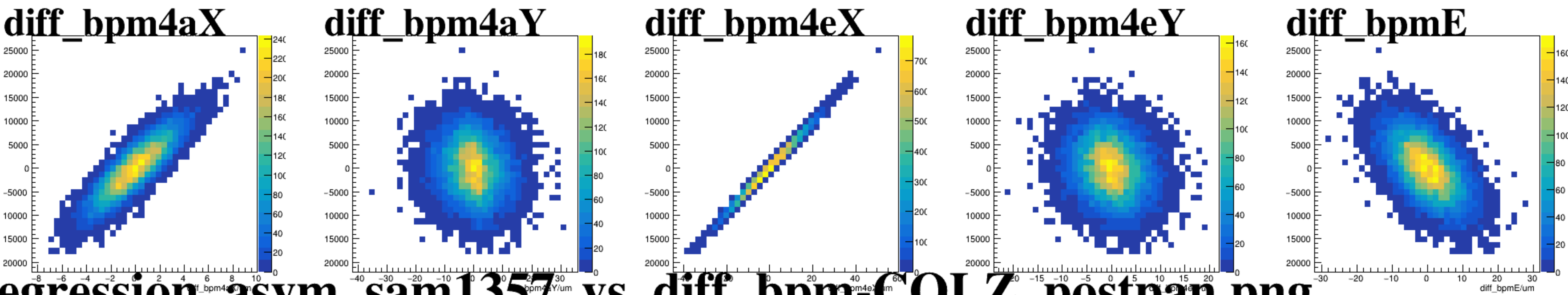
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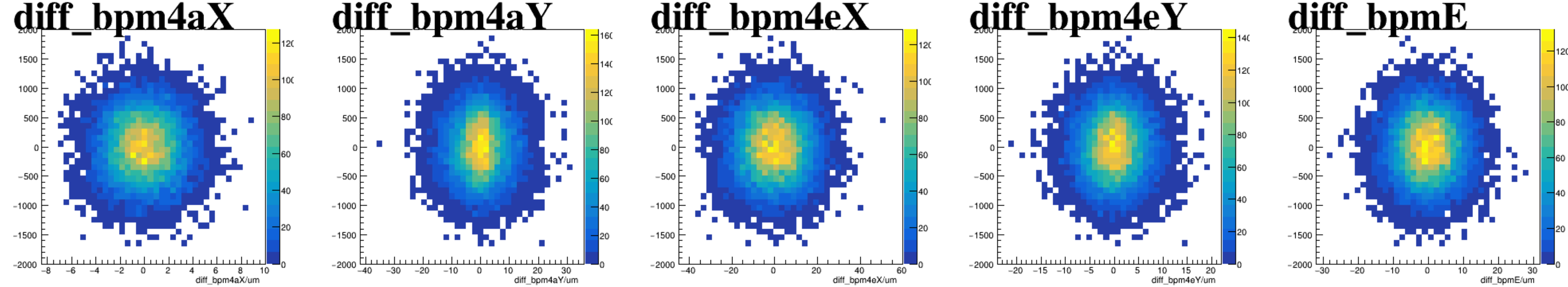
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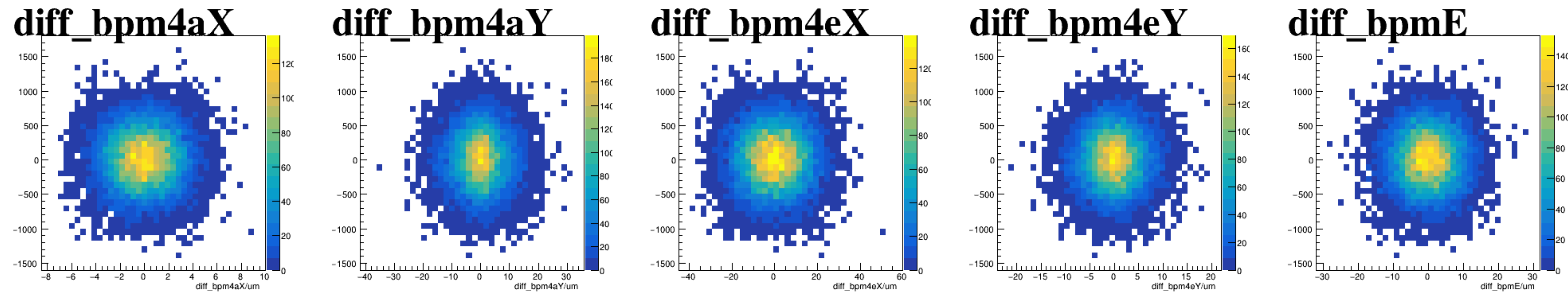
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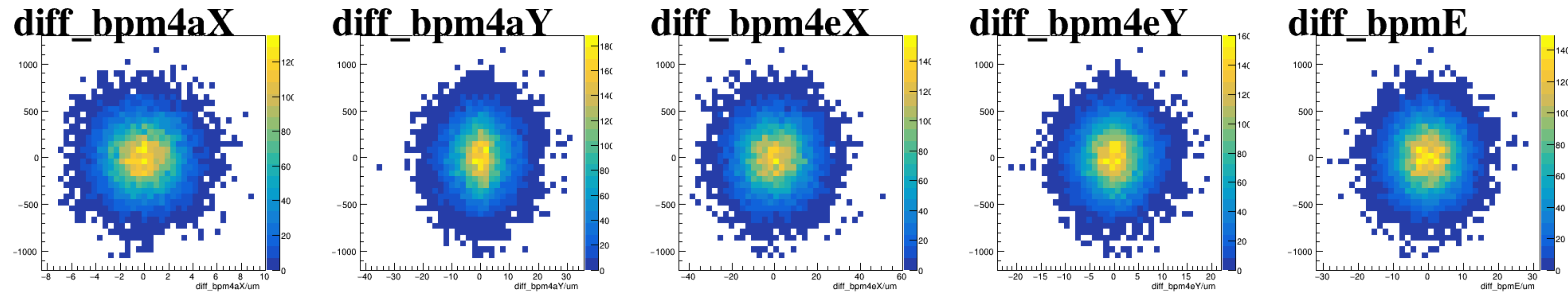
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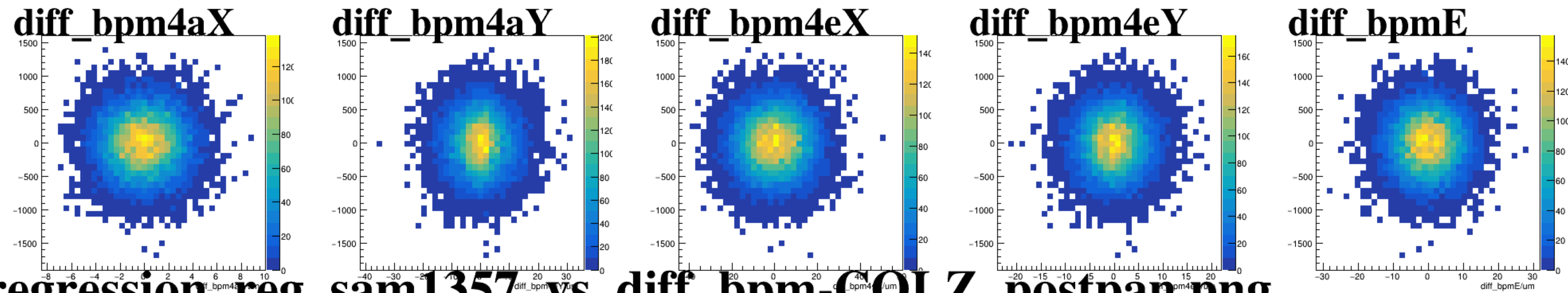
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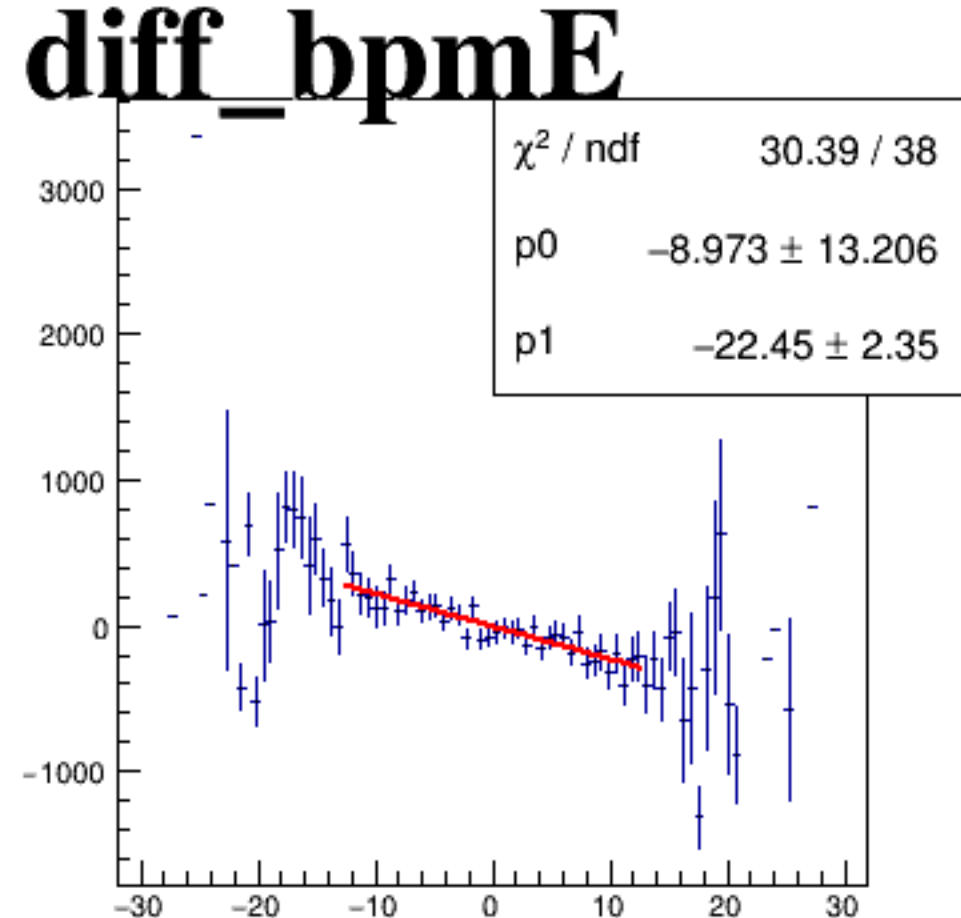
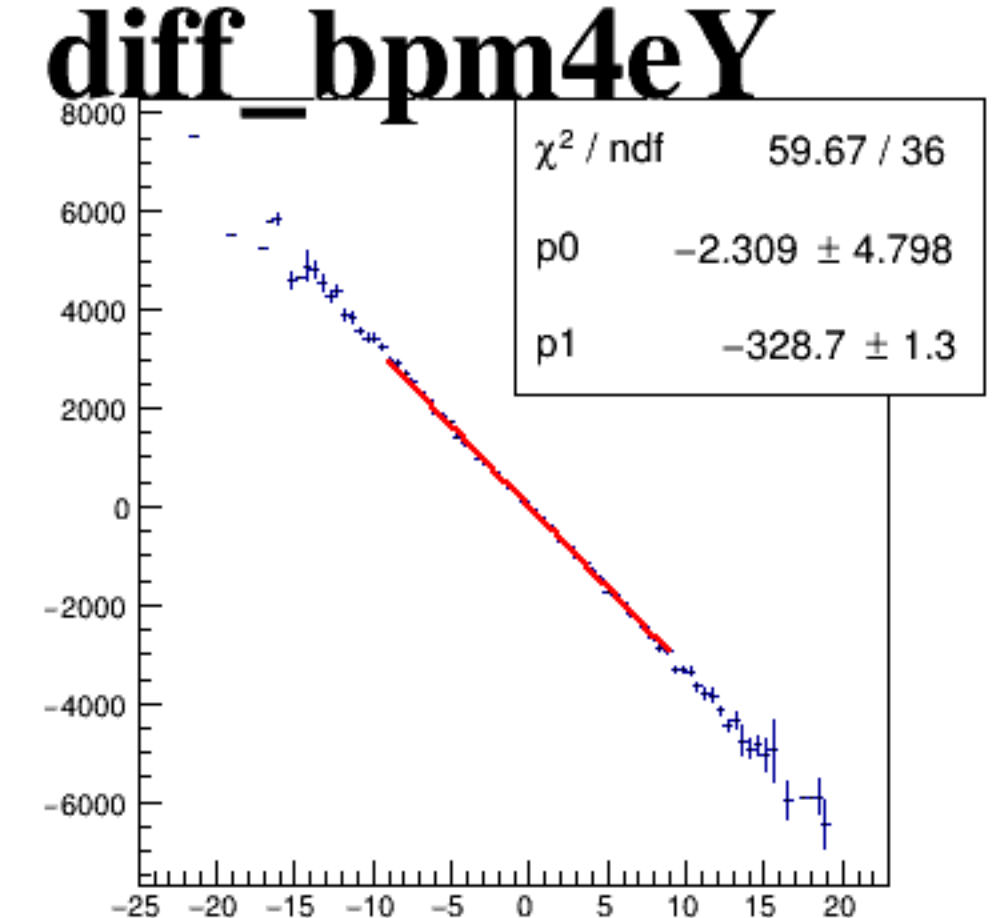
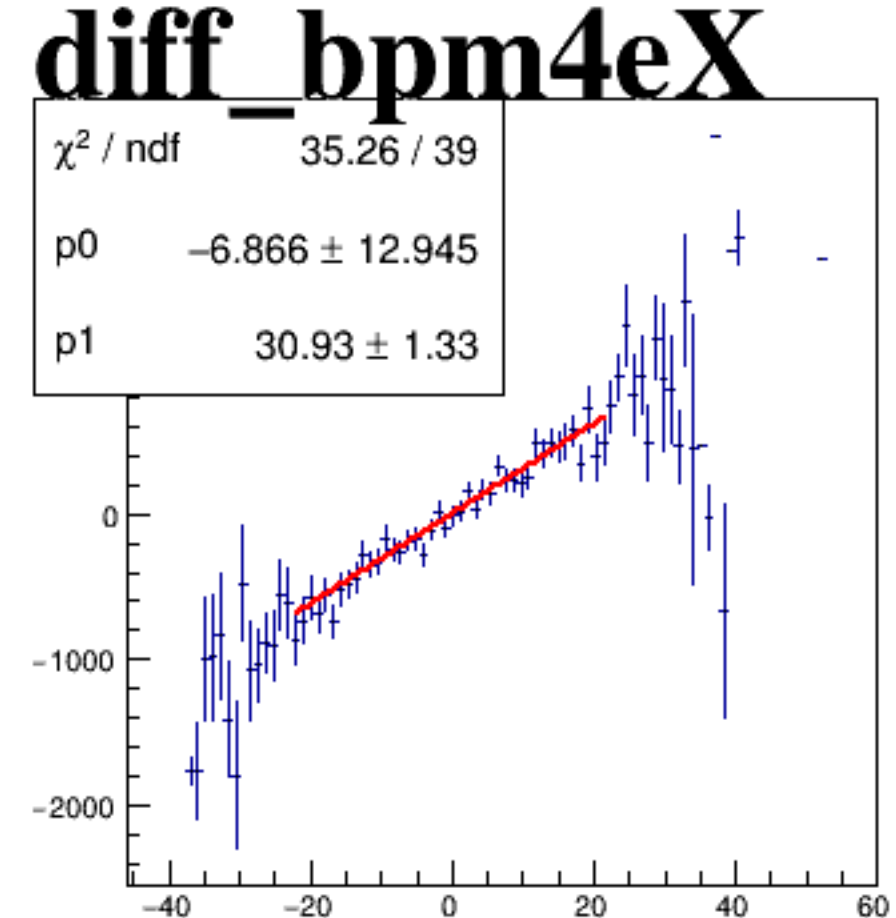
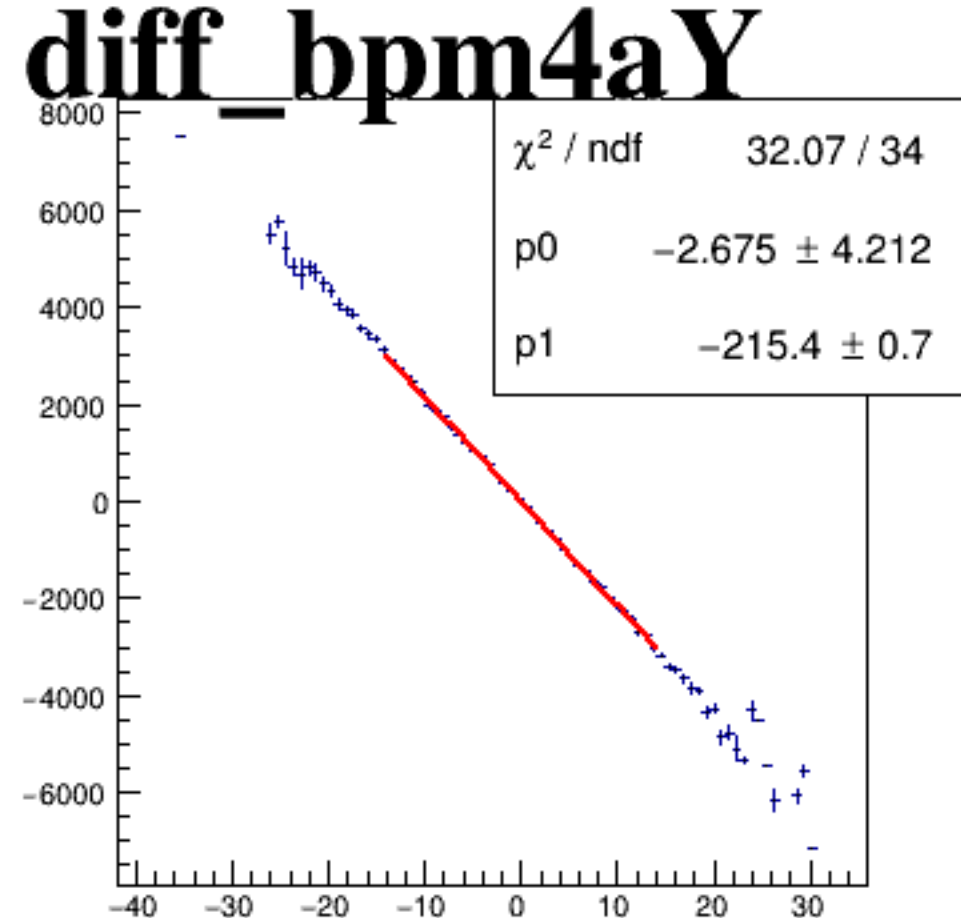
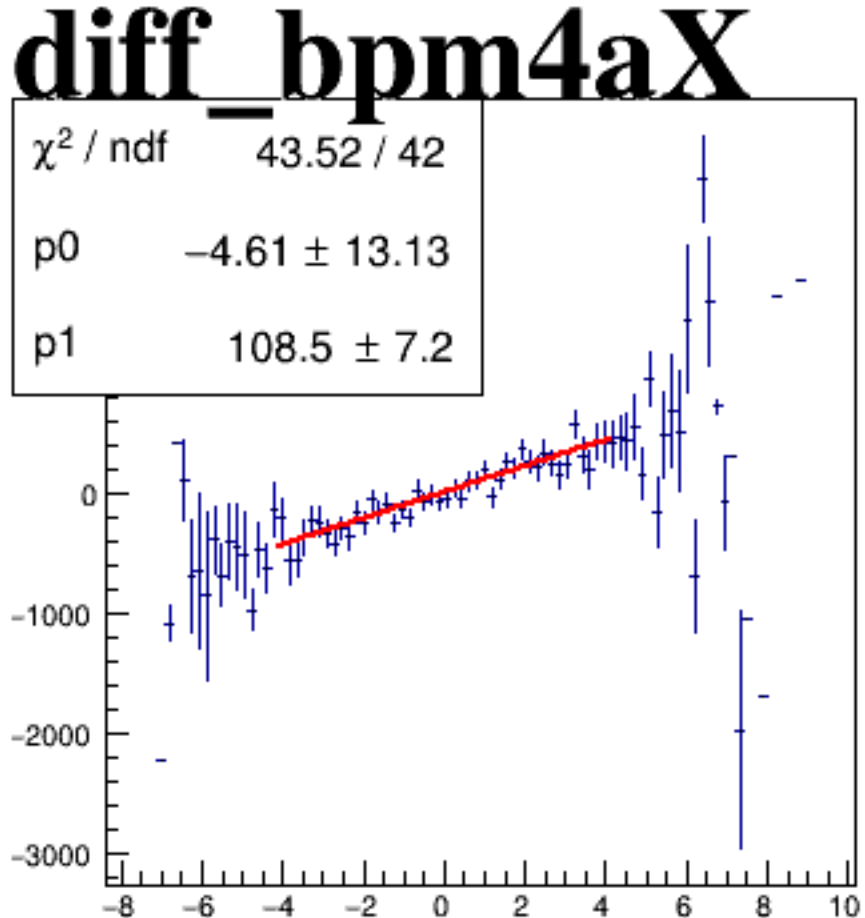
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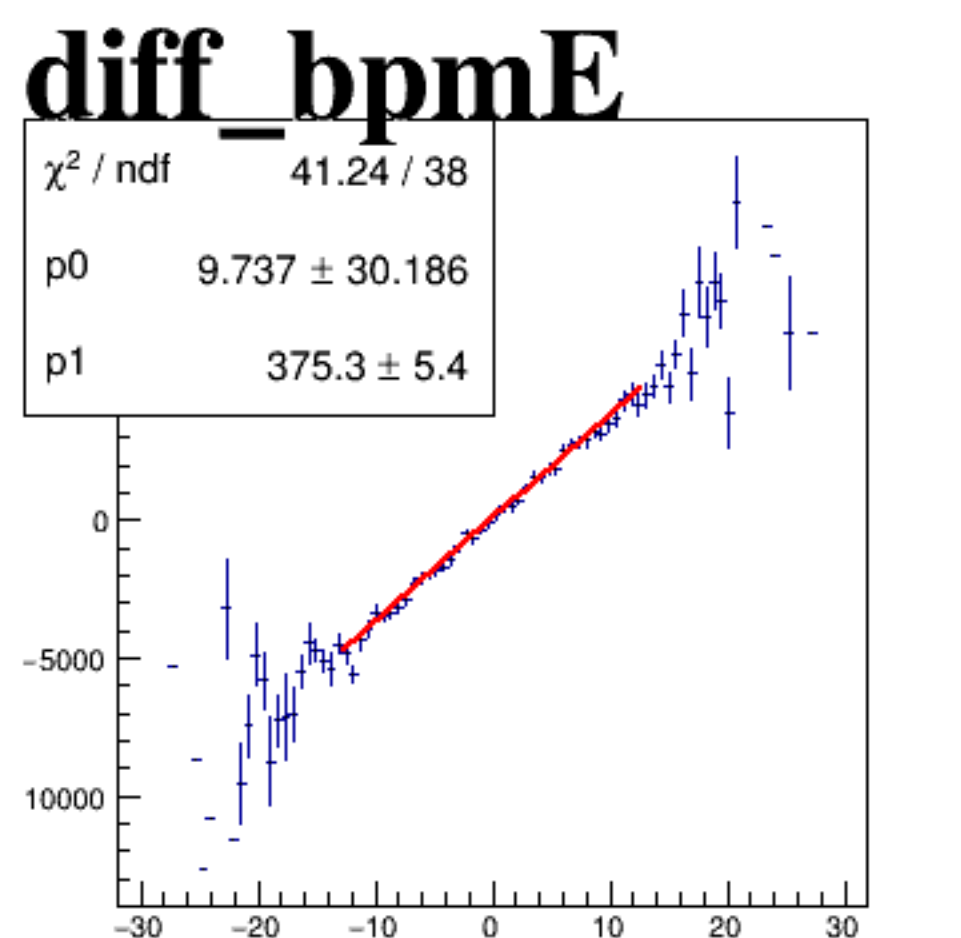
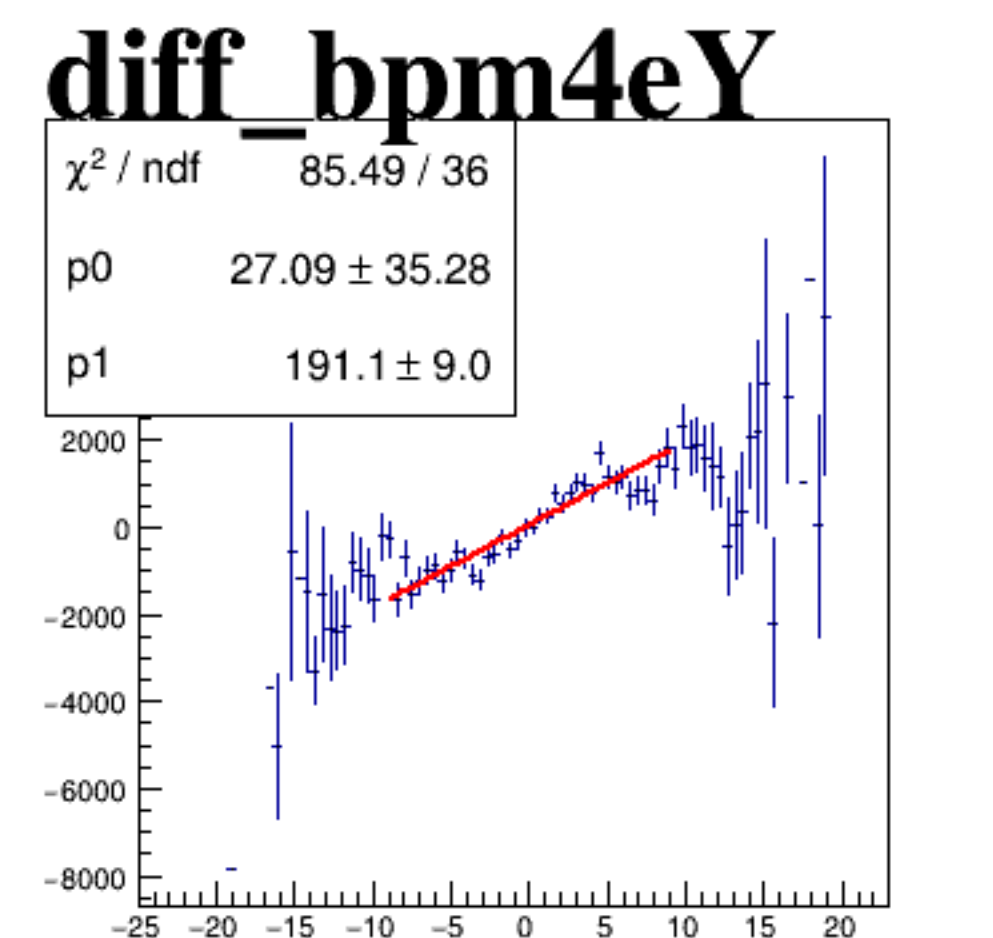
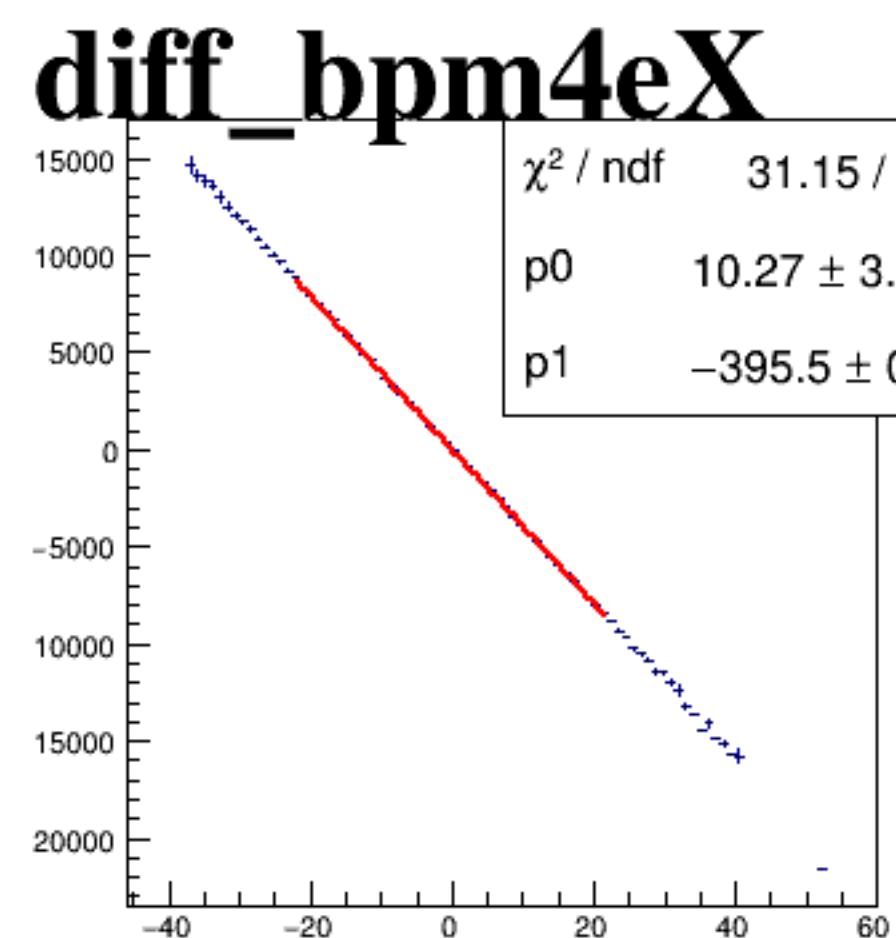
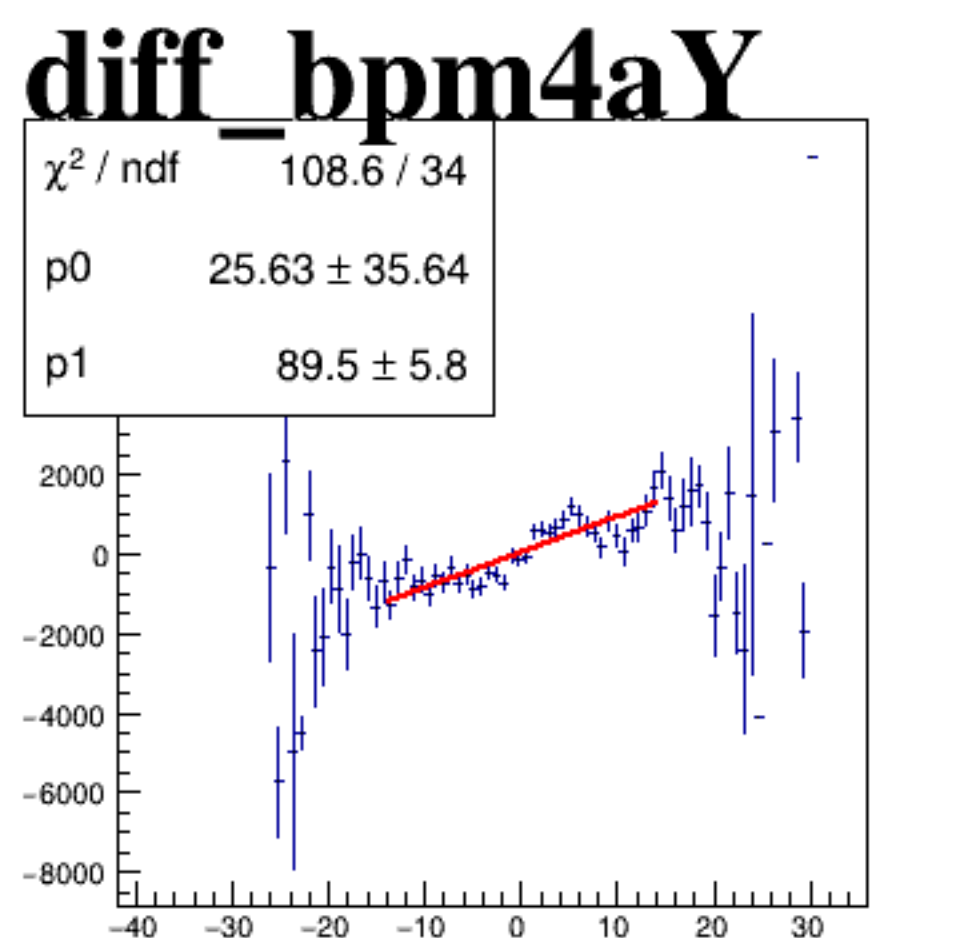
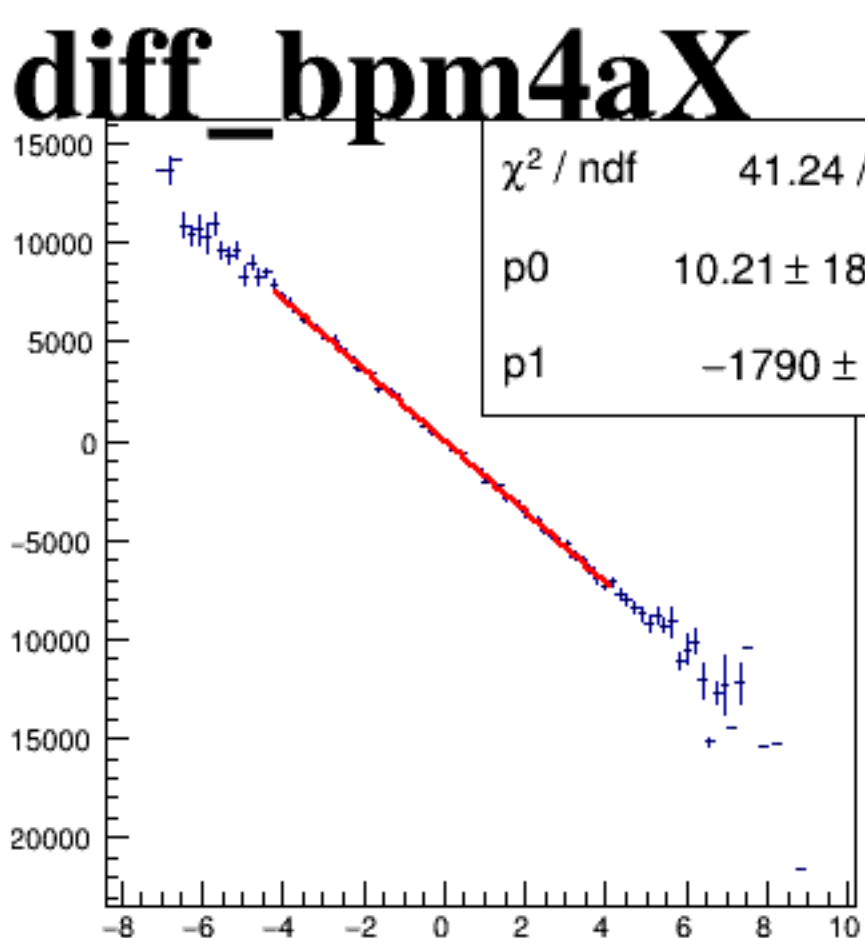
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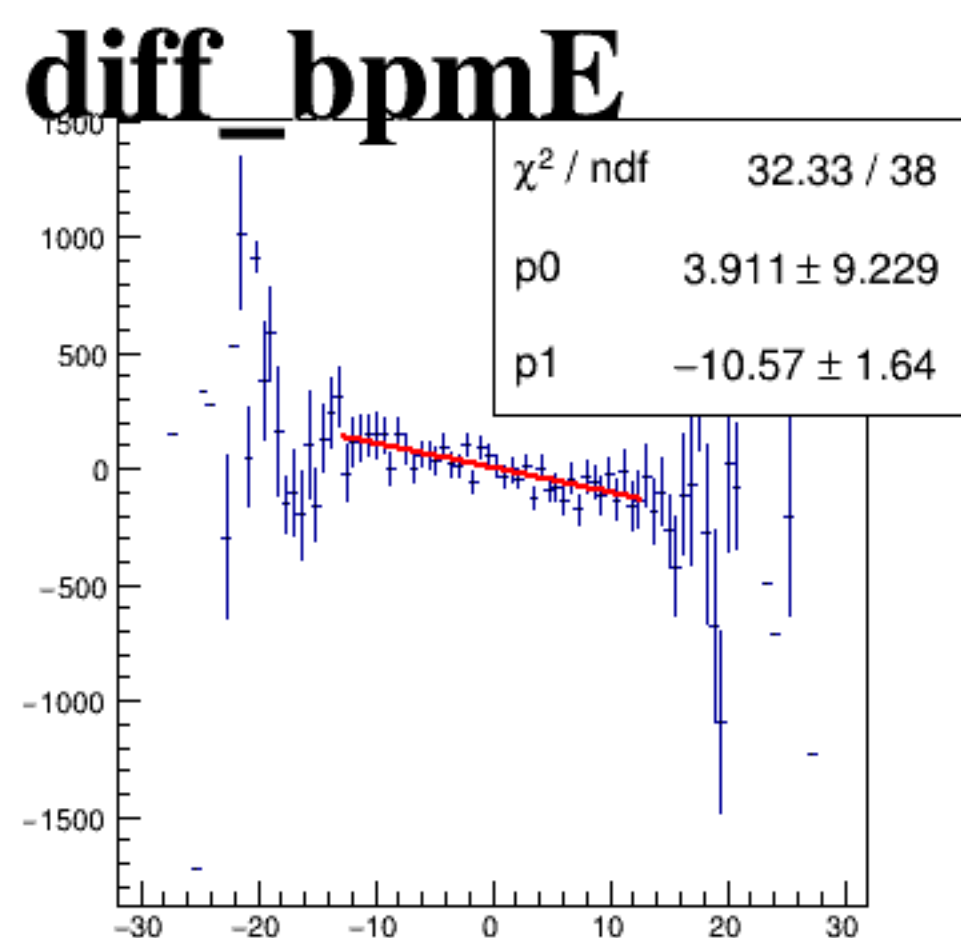
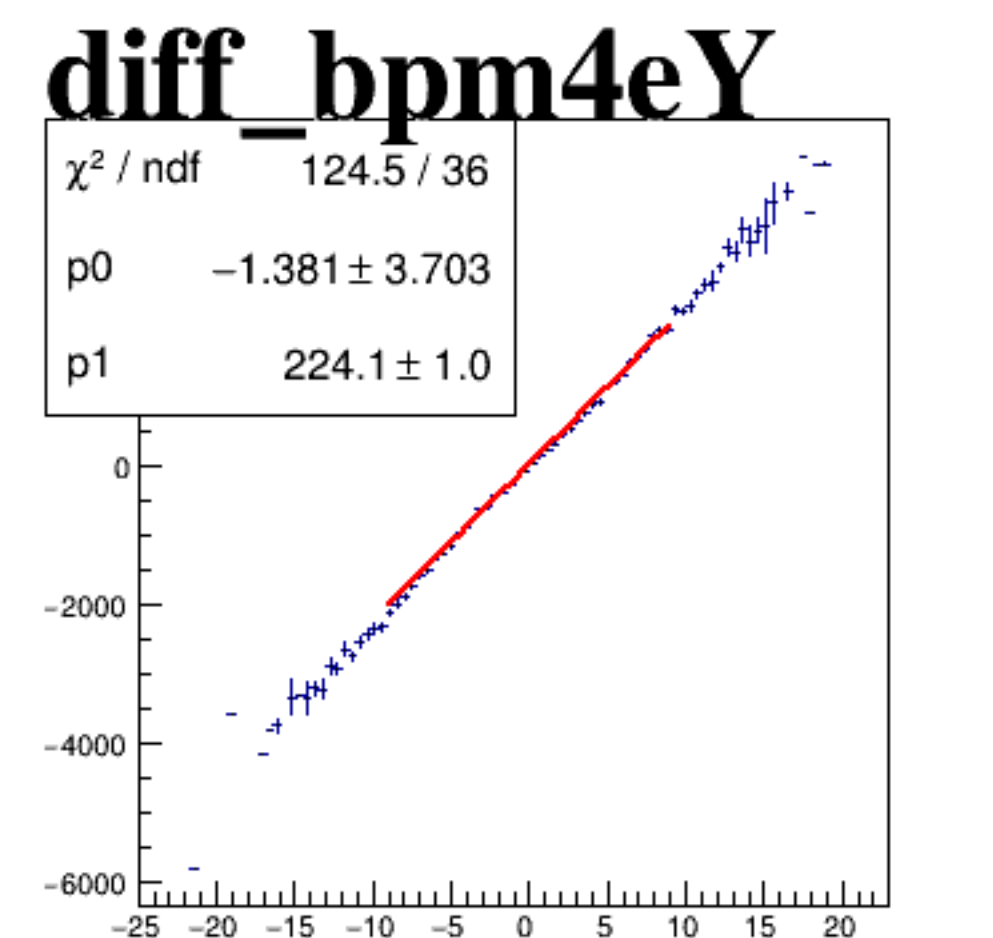
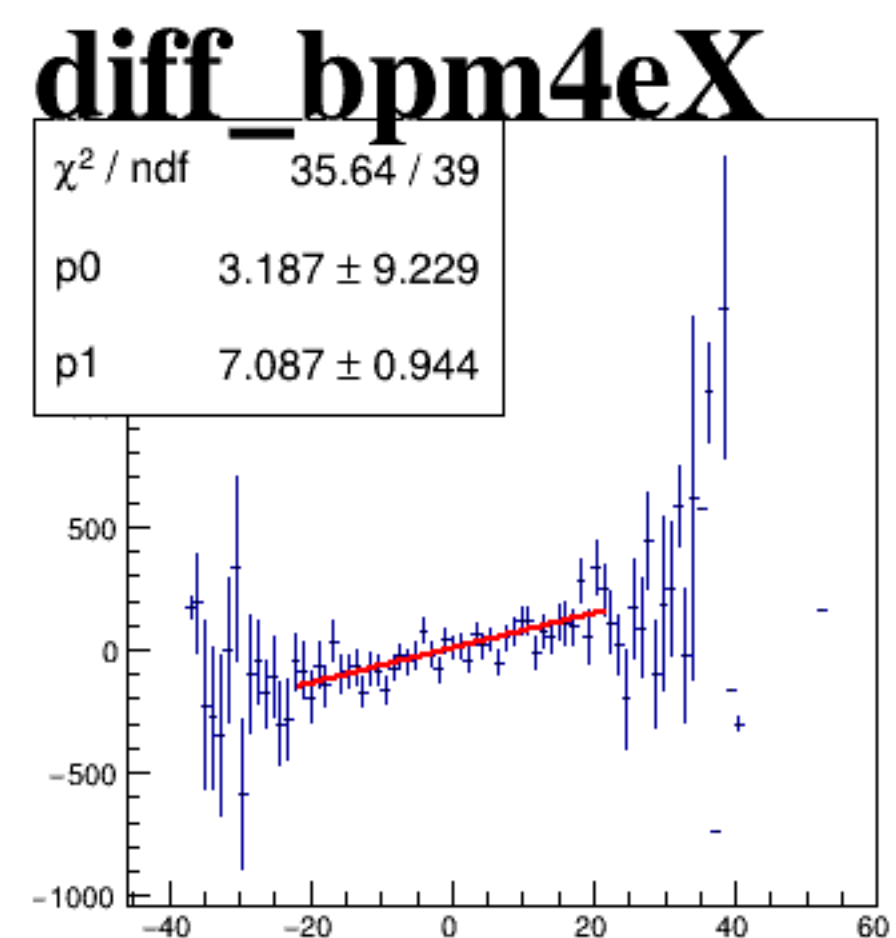
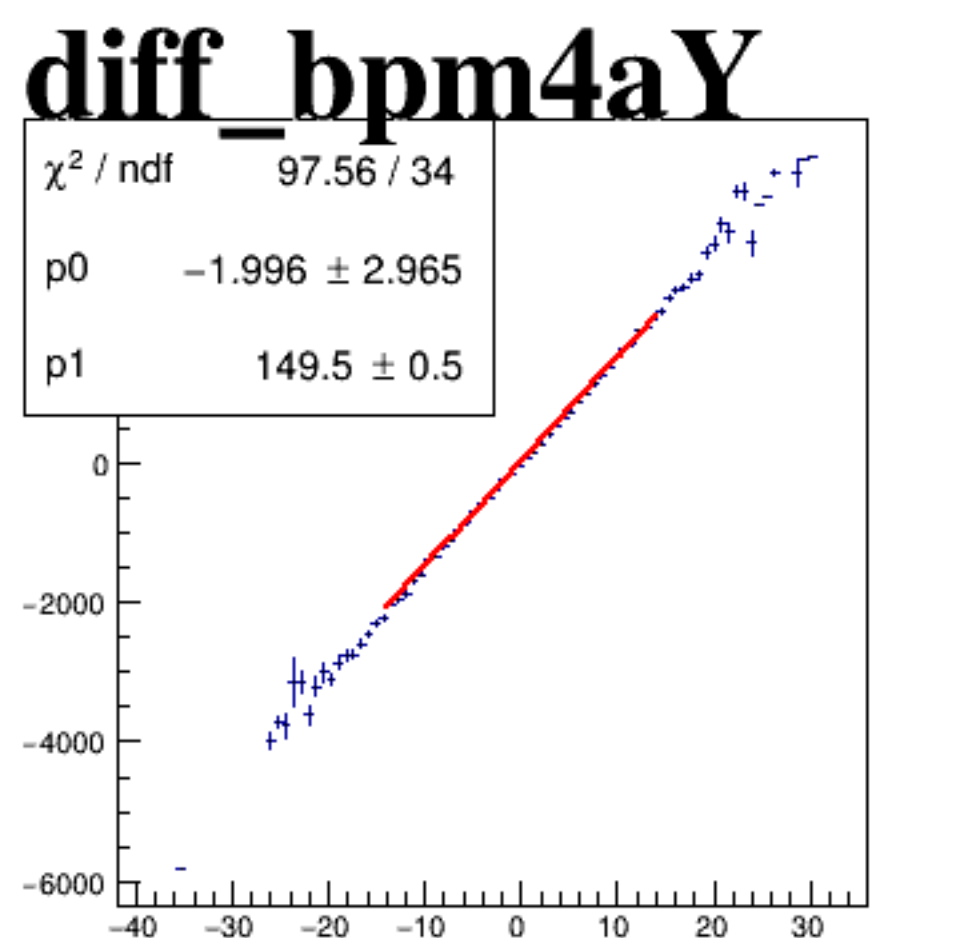
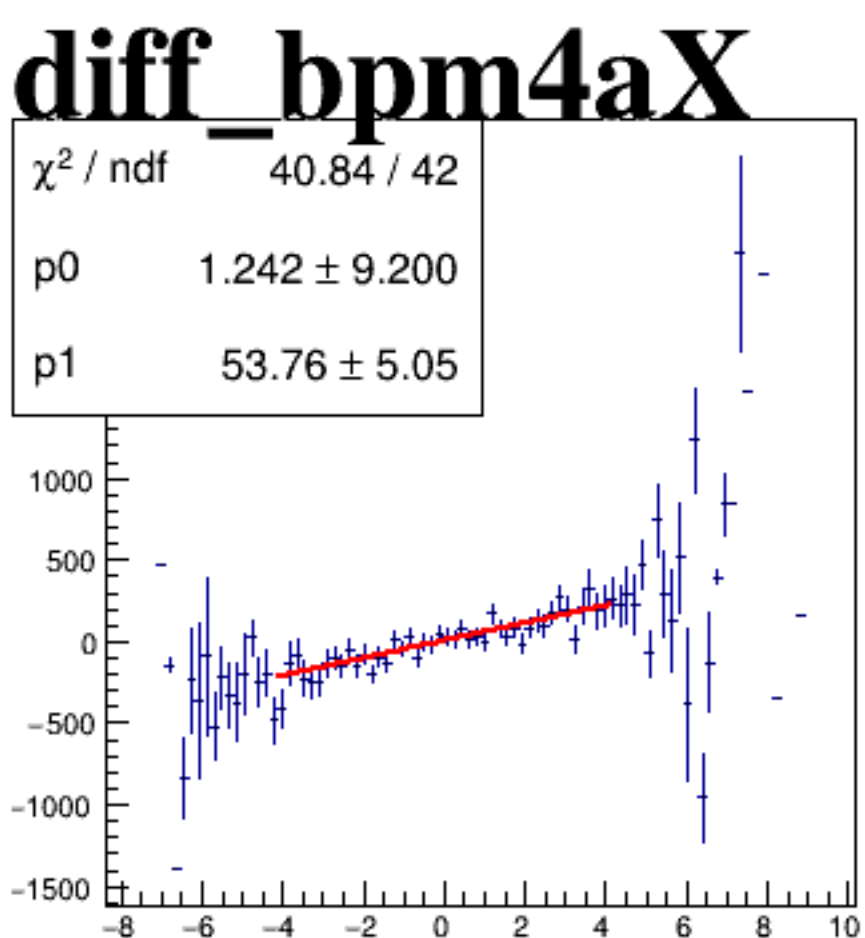
asym_sam1



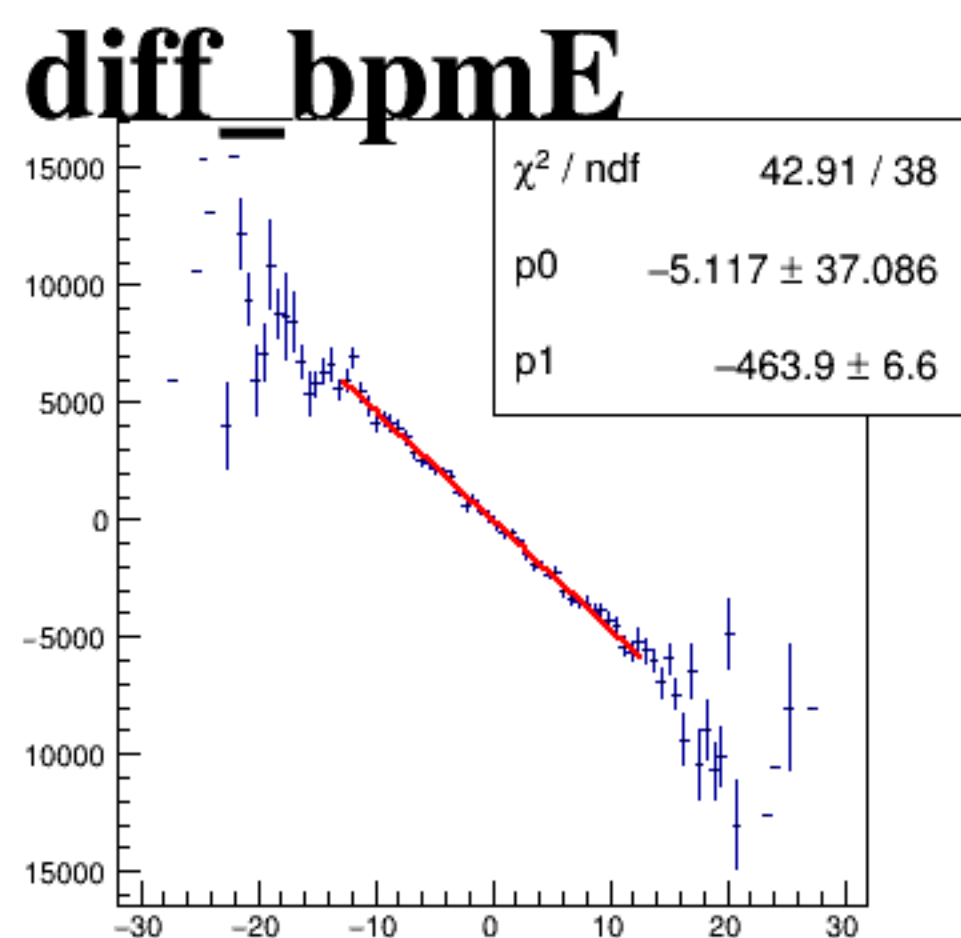
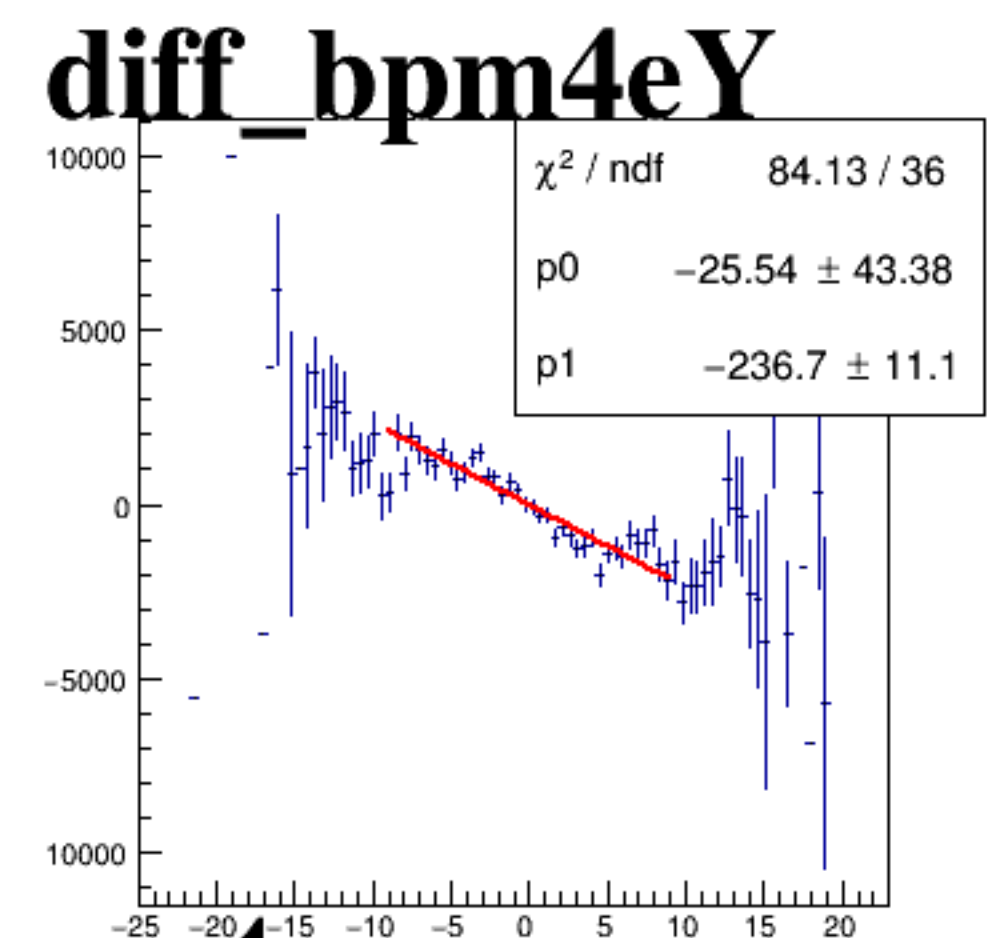
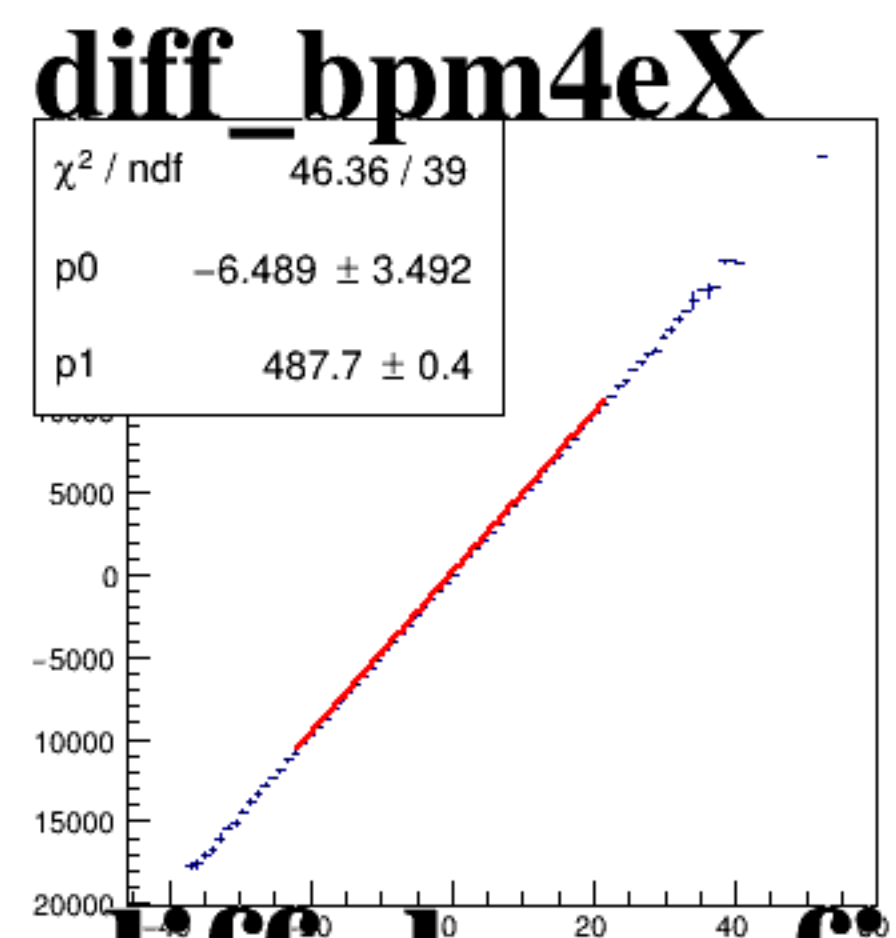
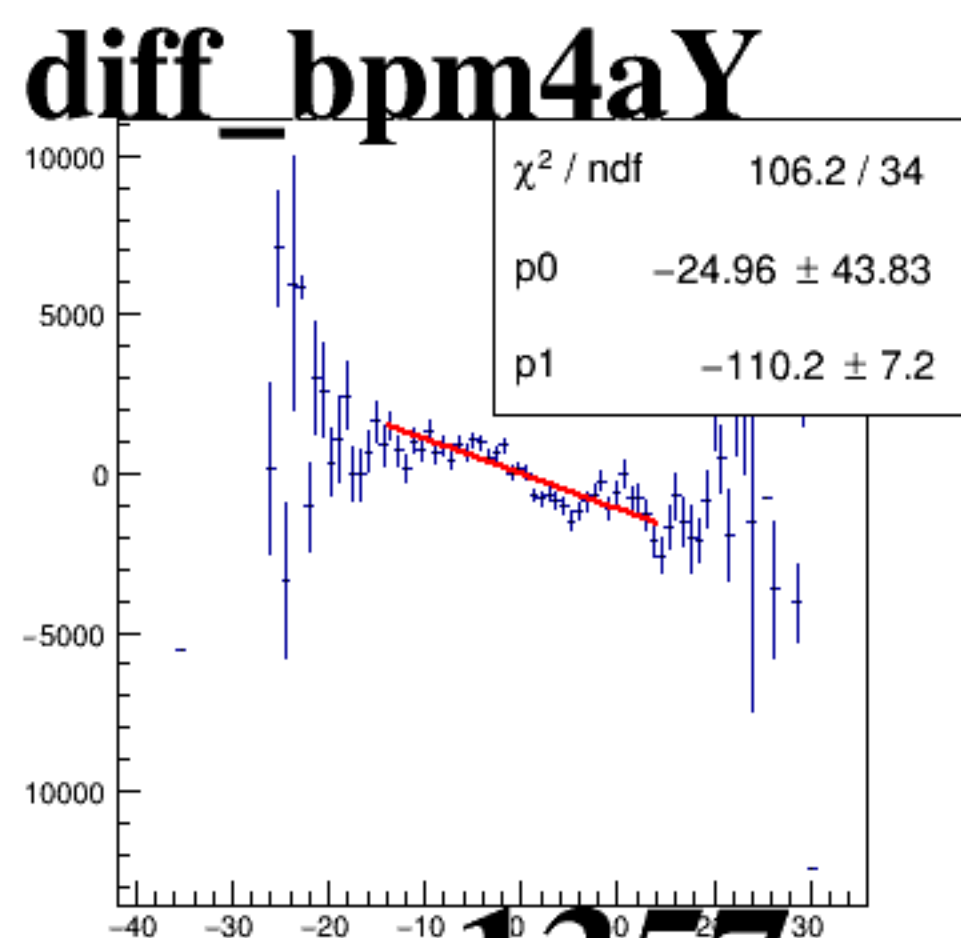
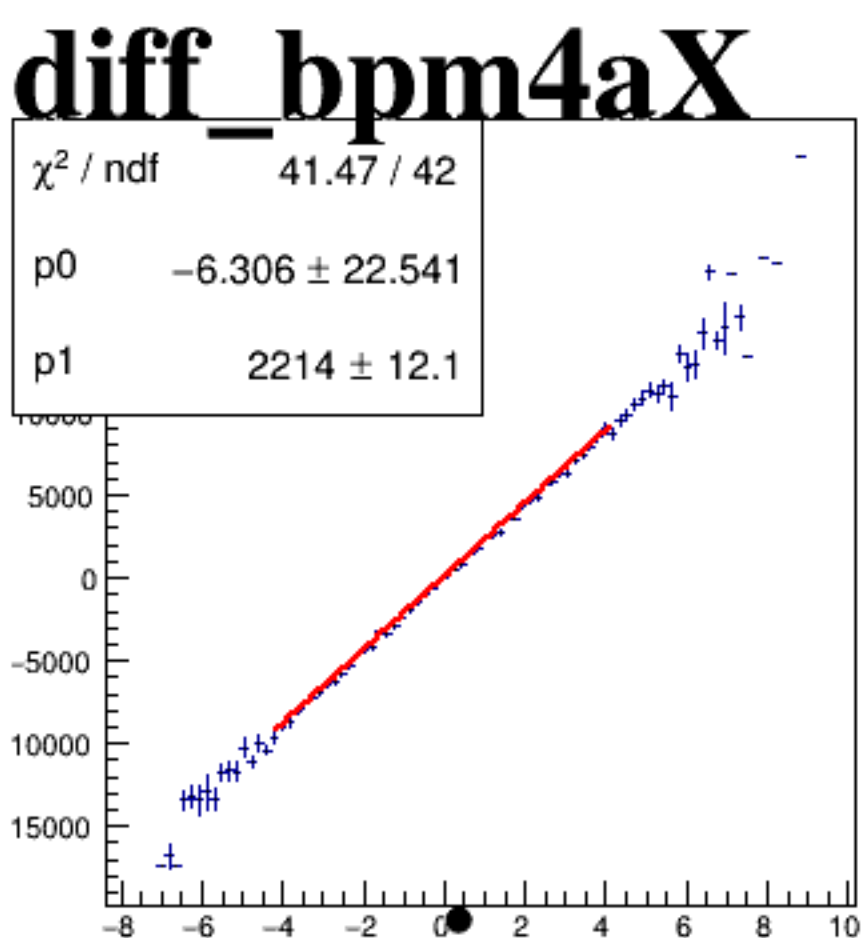
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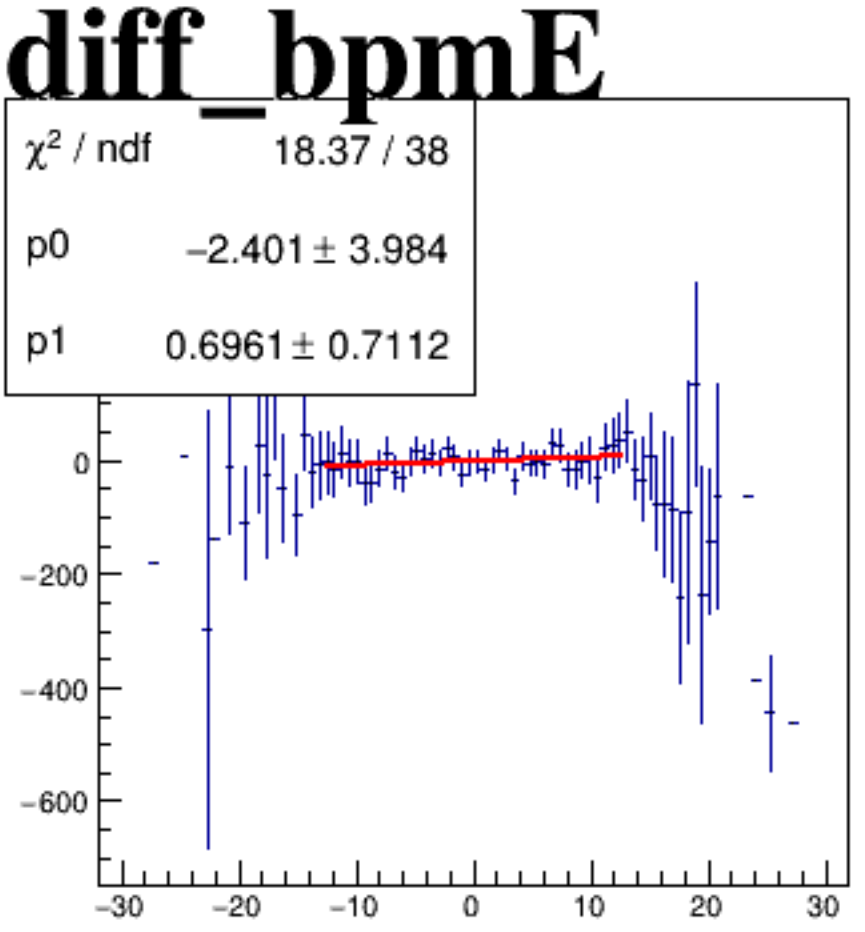
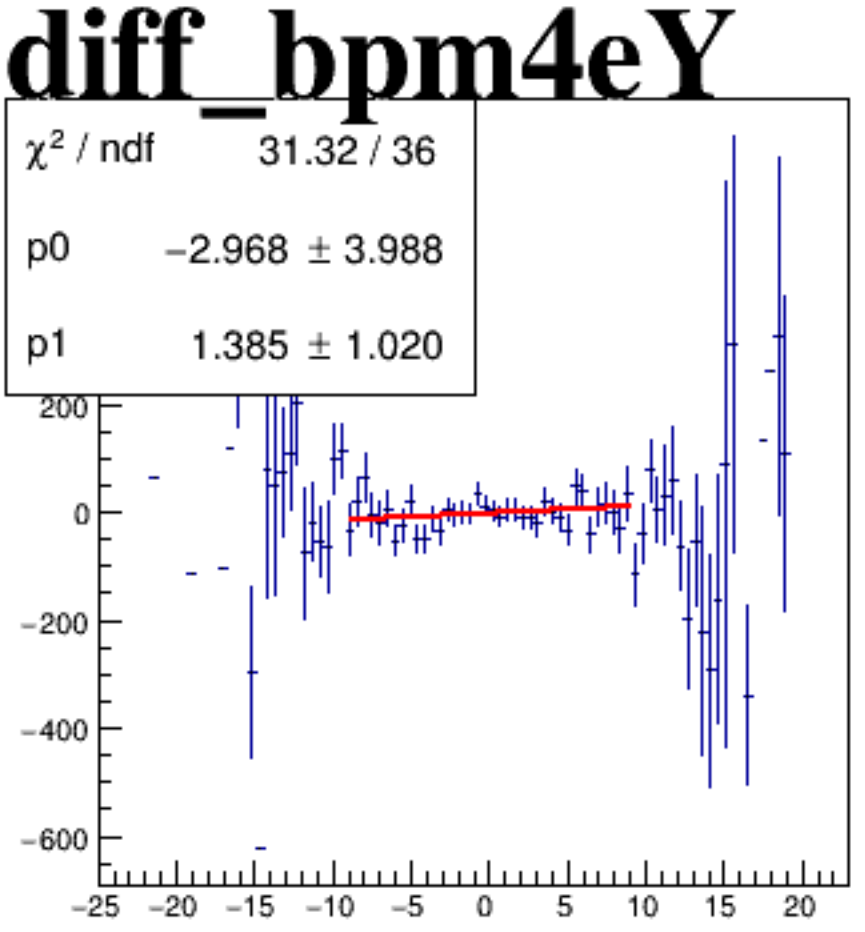
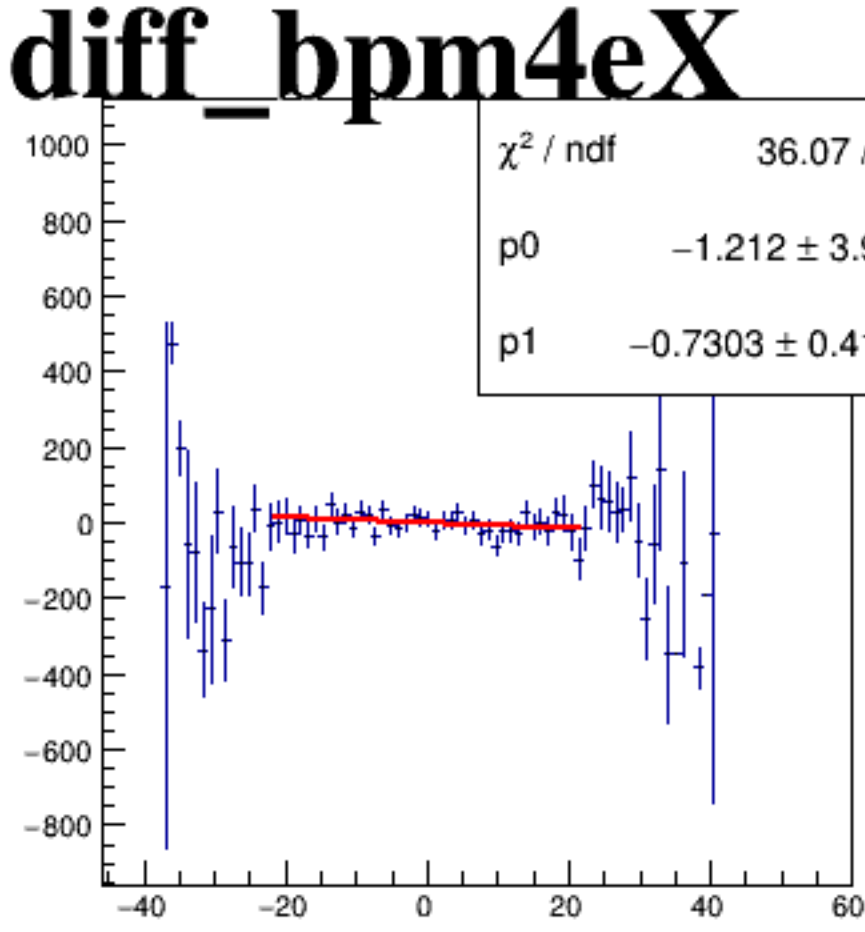
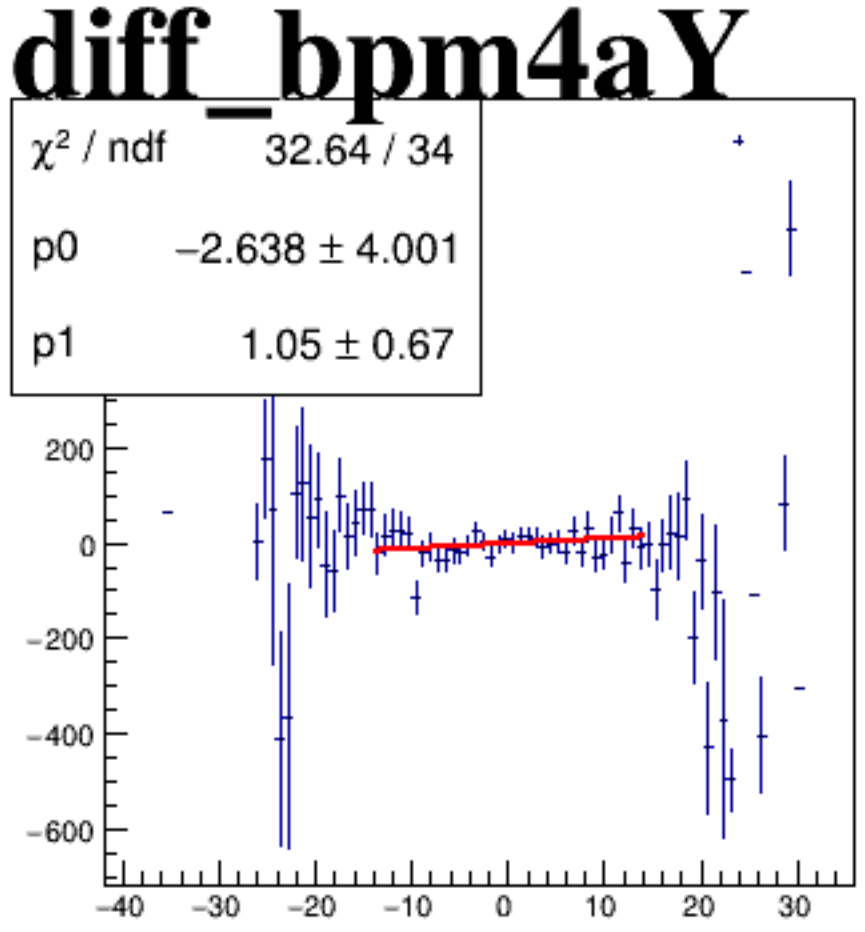
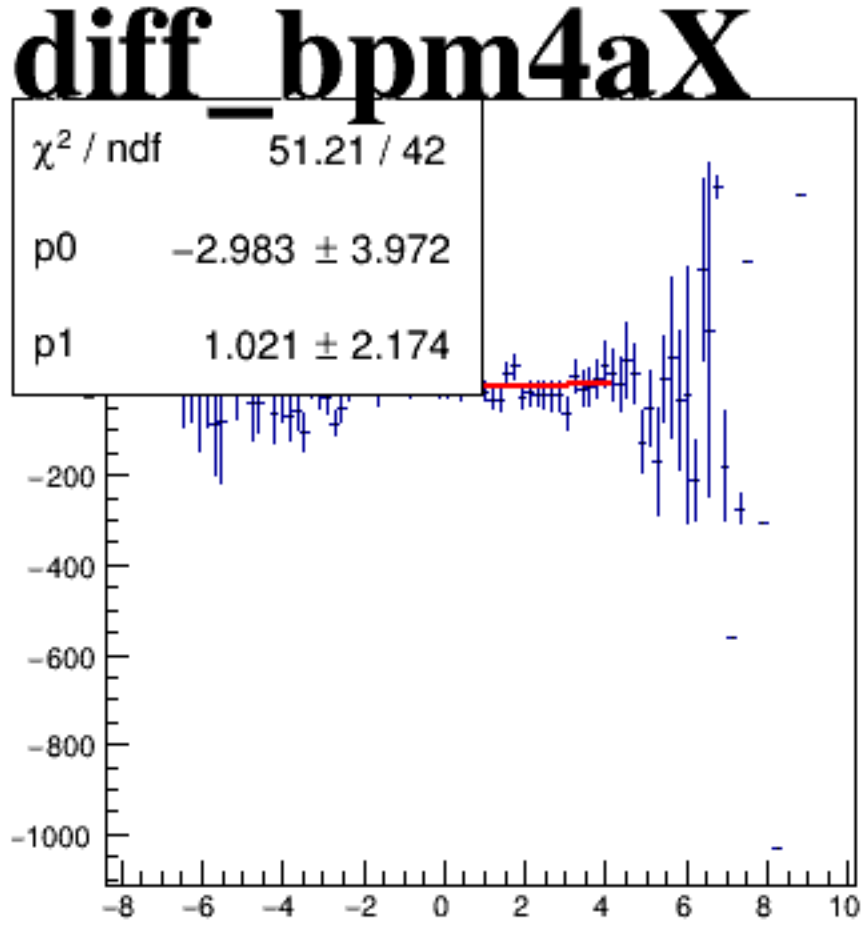
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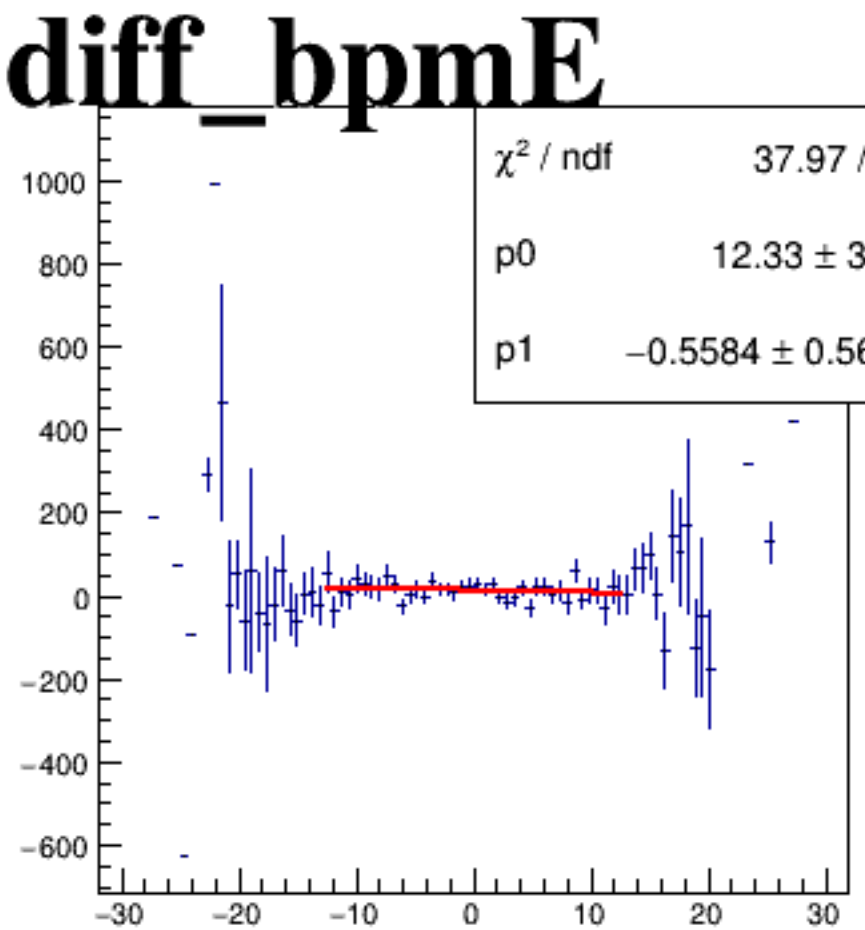
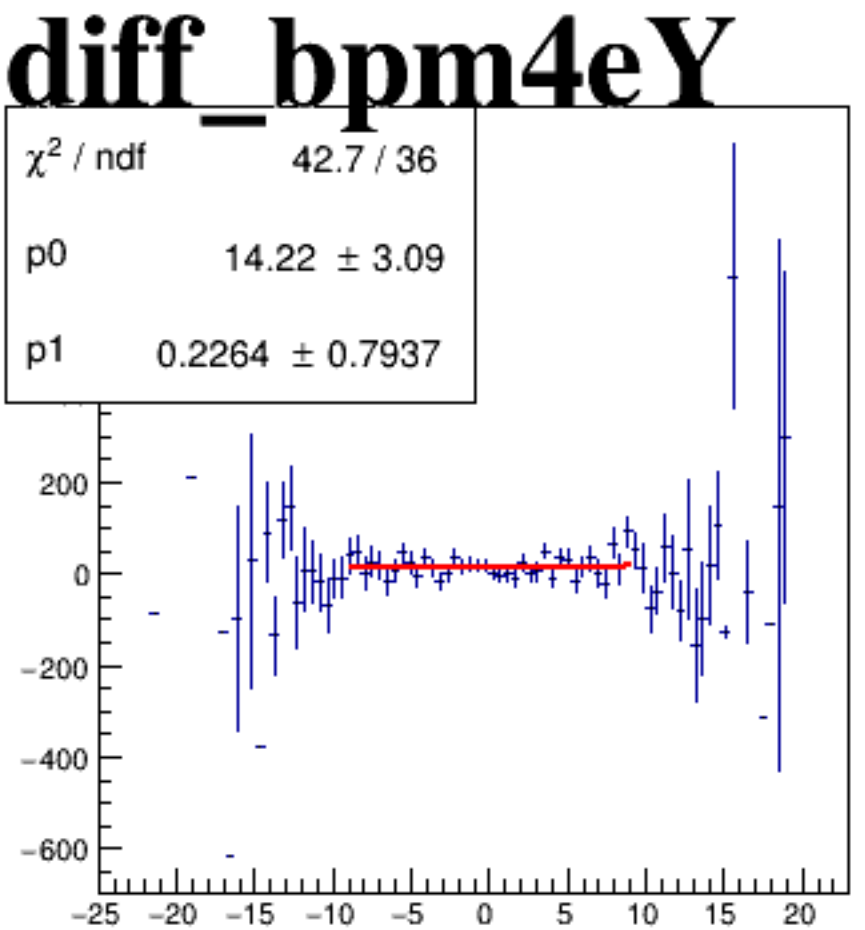
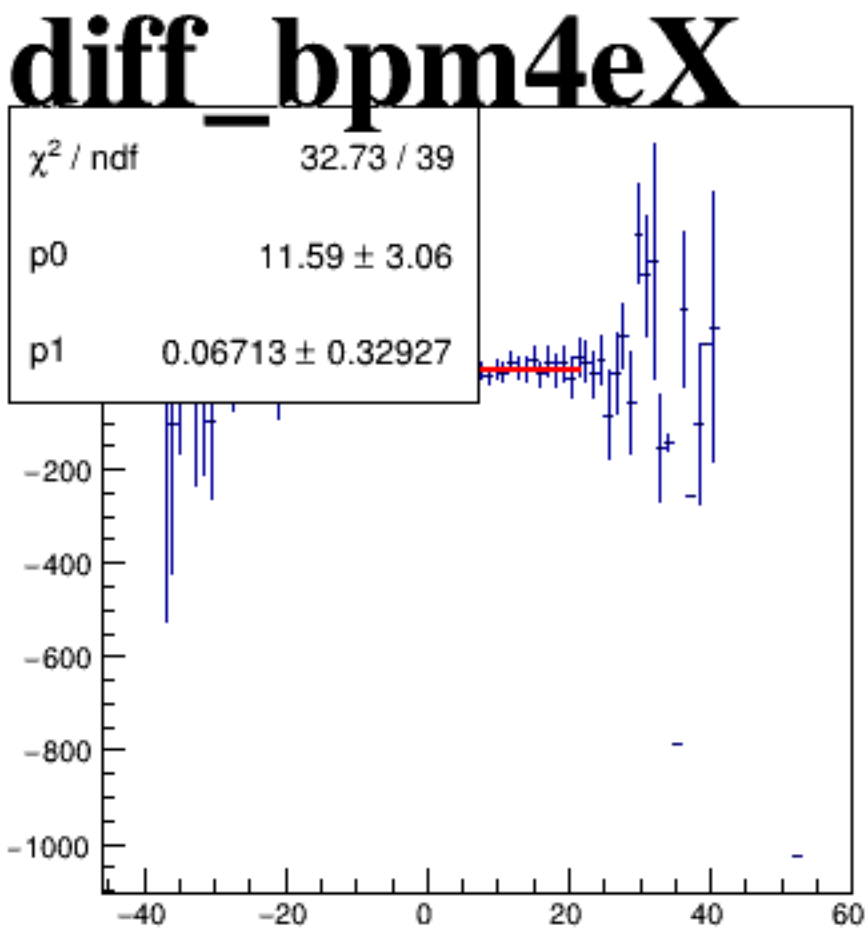
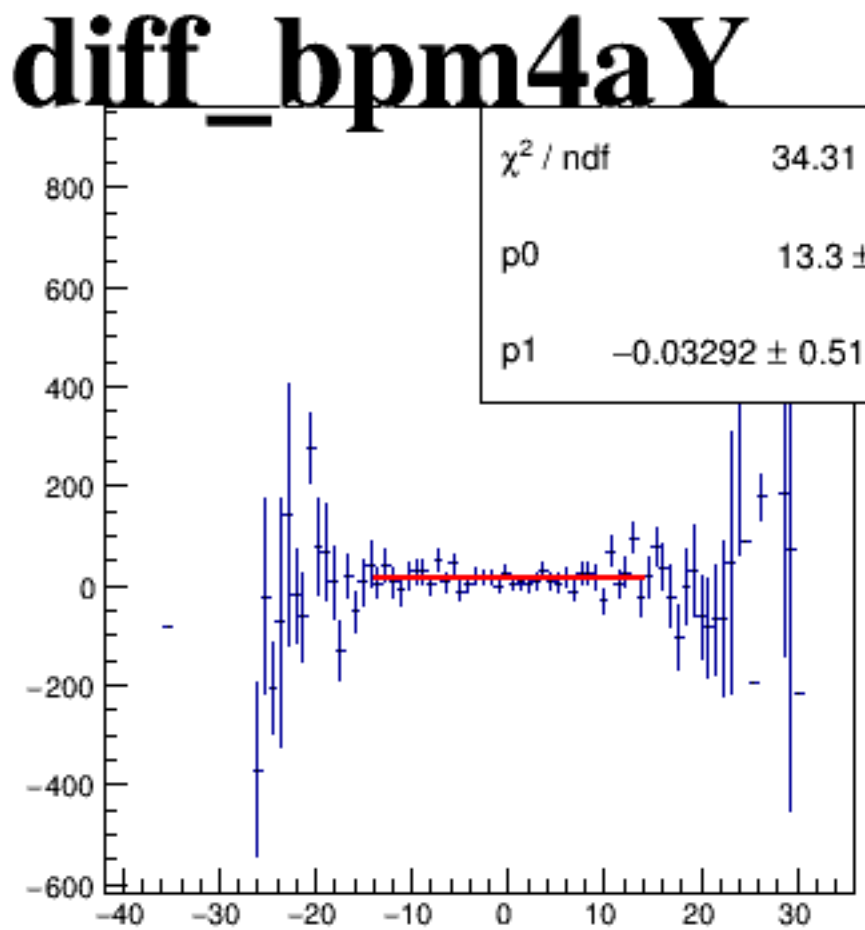
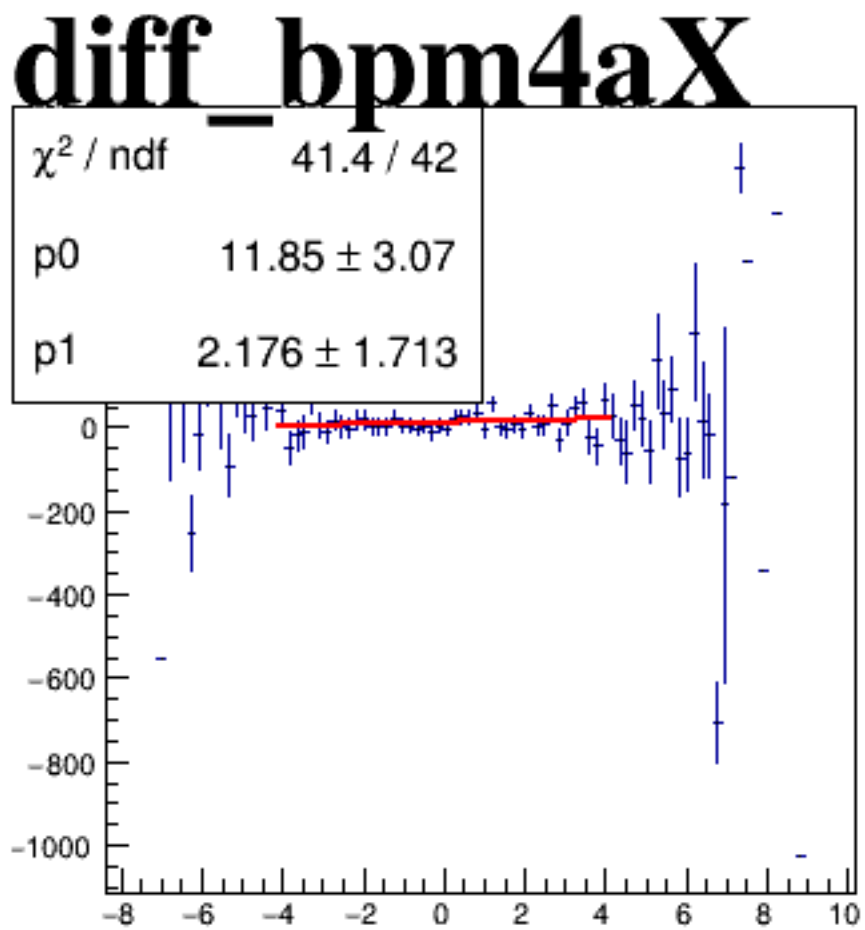
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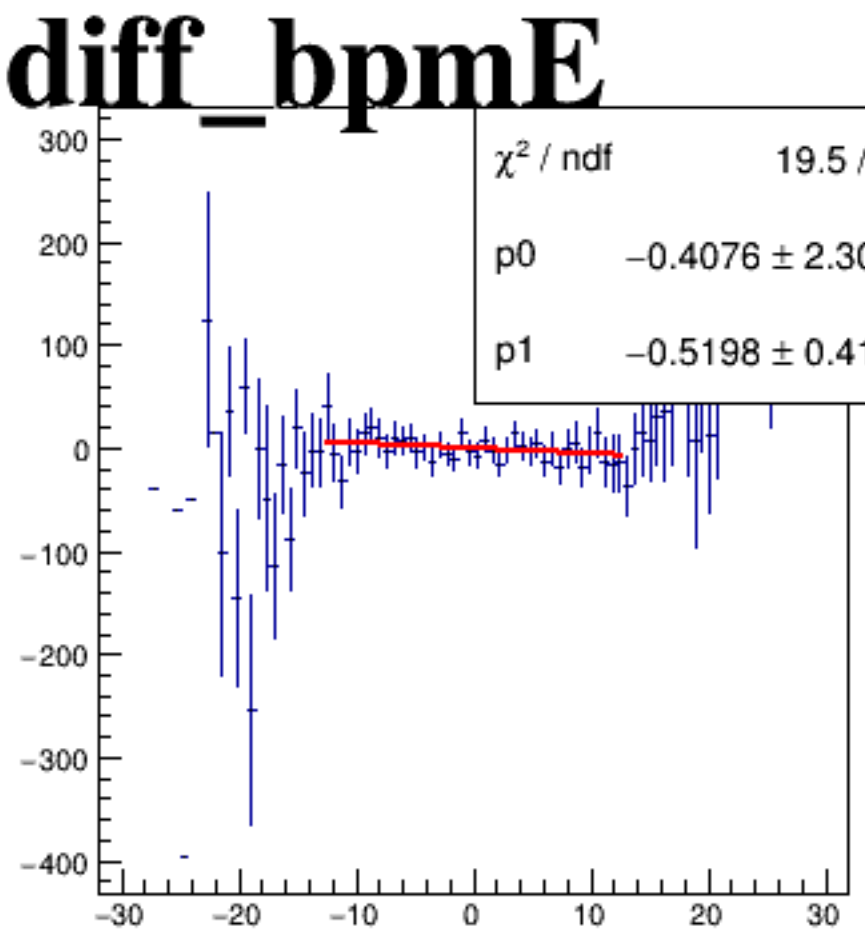
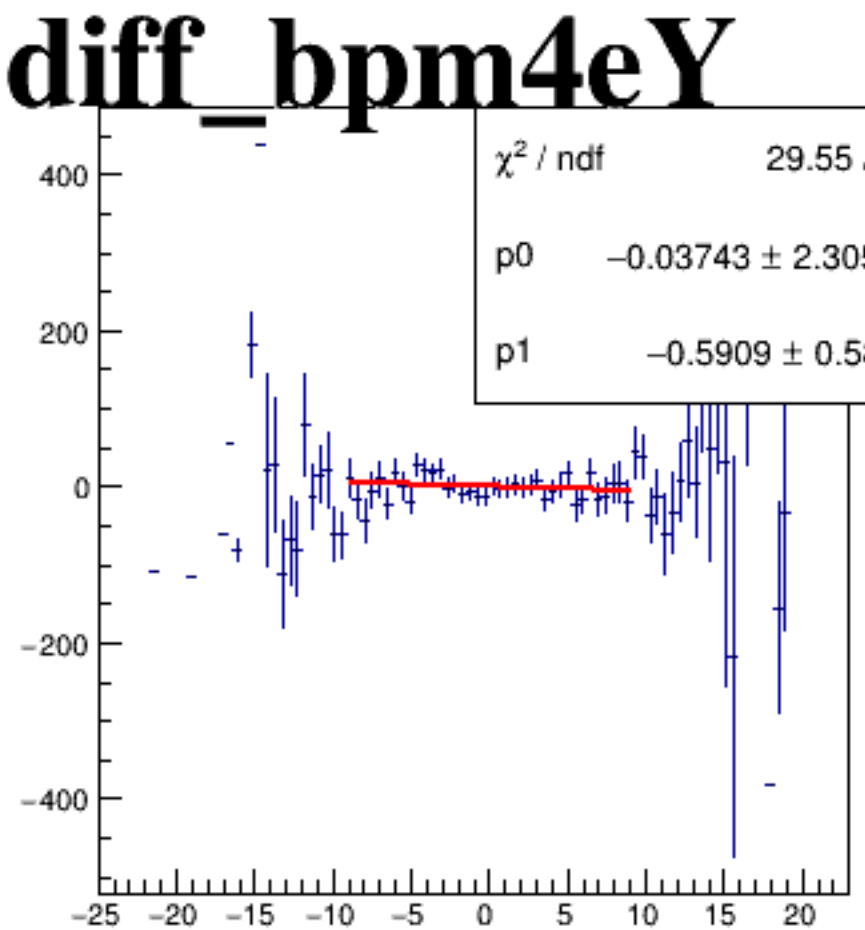
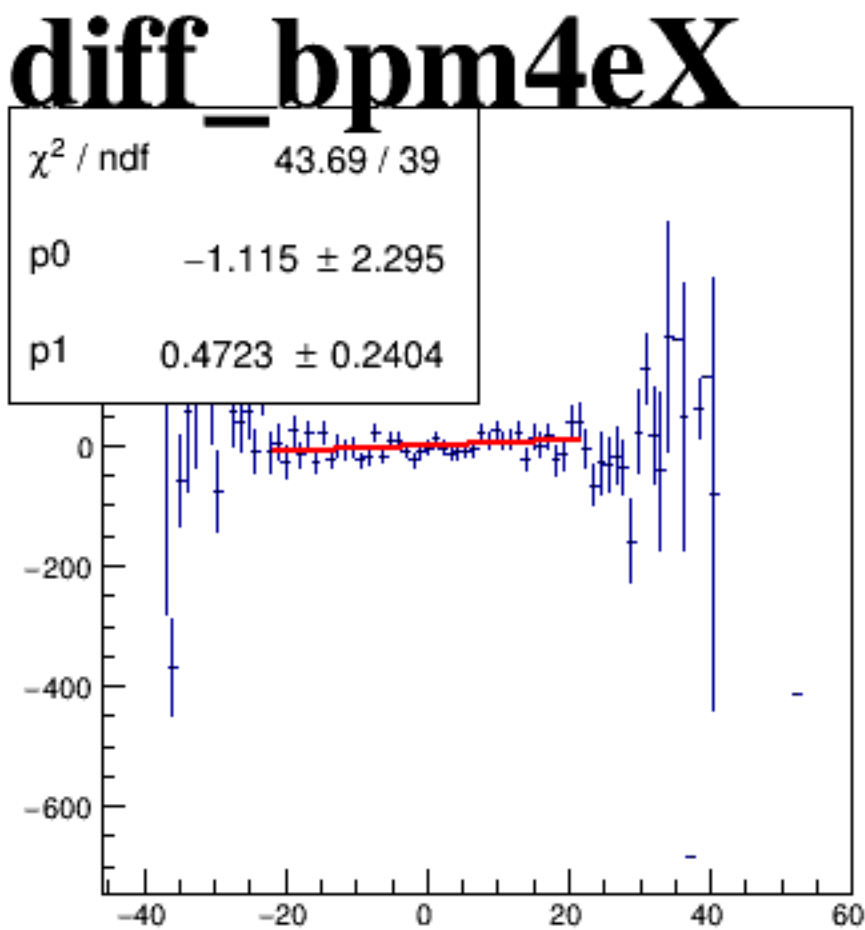
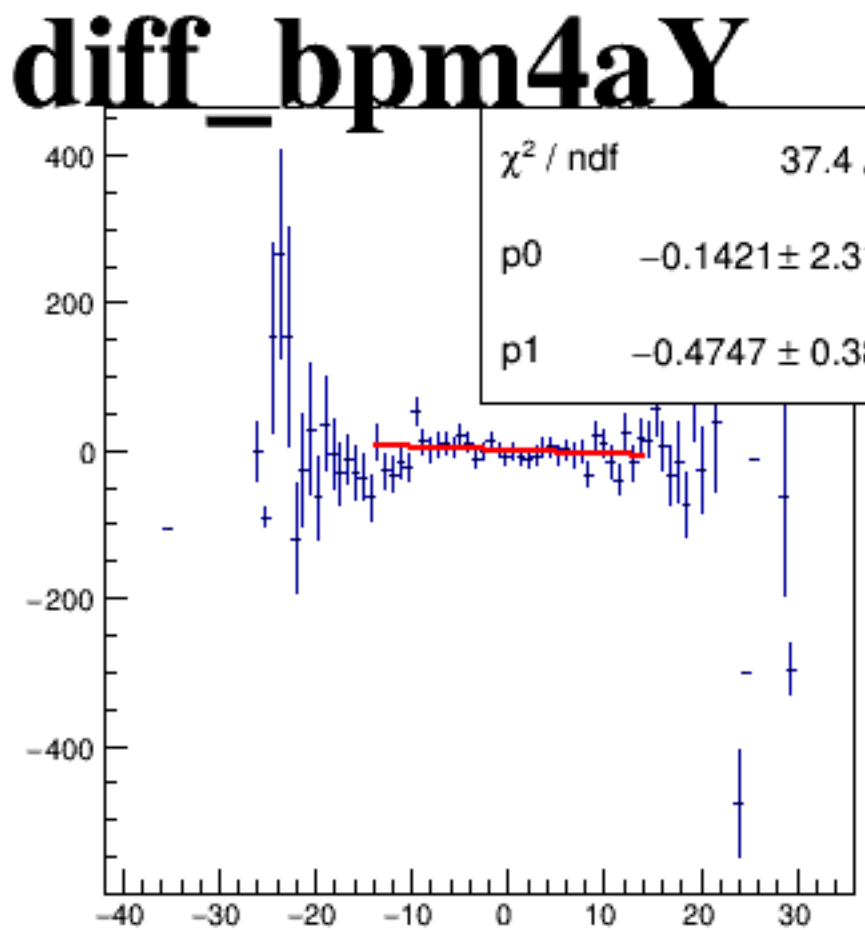
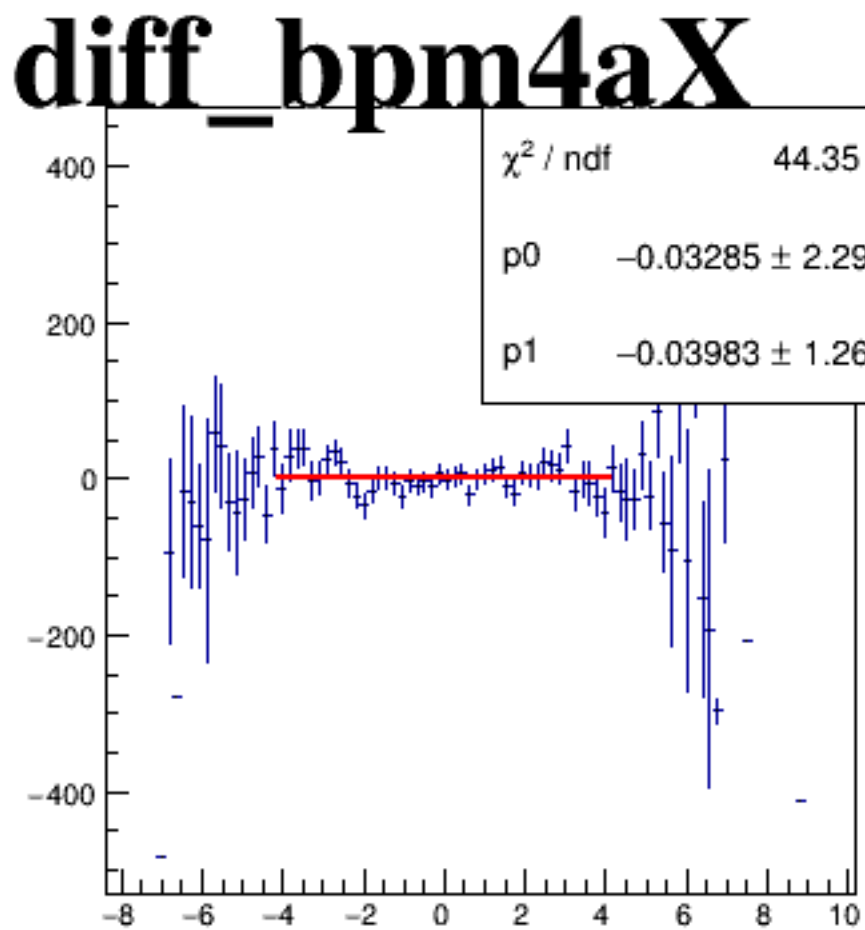
reg_asym_sam1



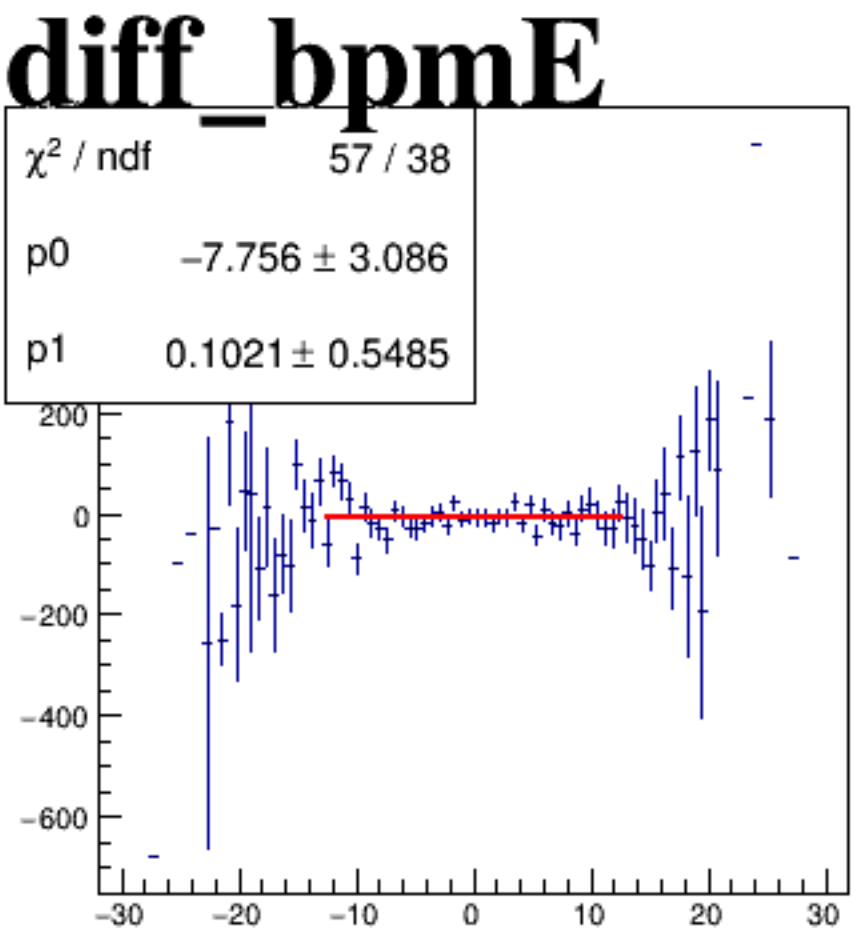
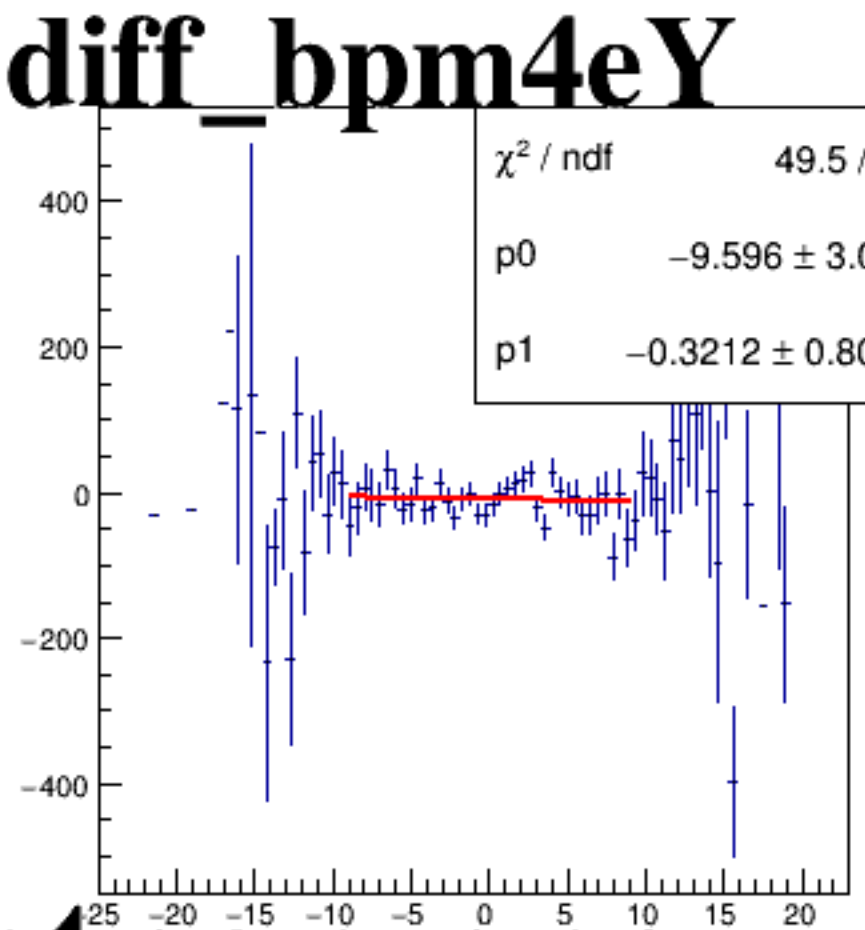
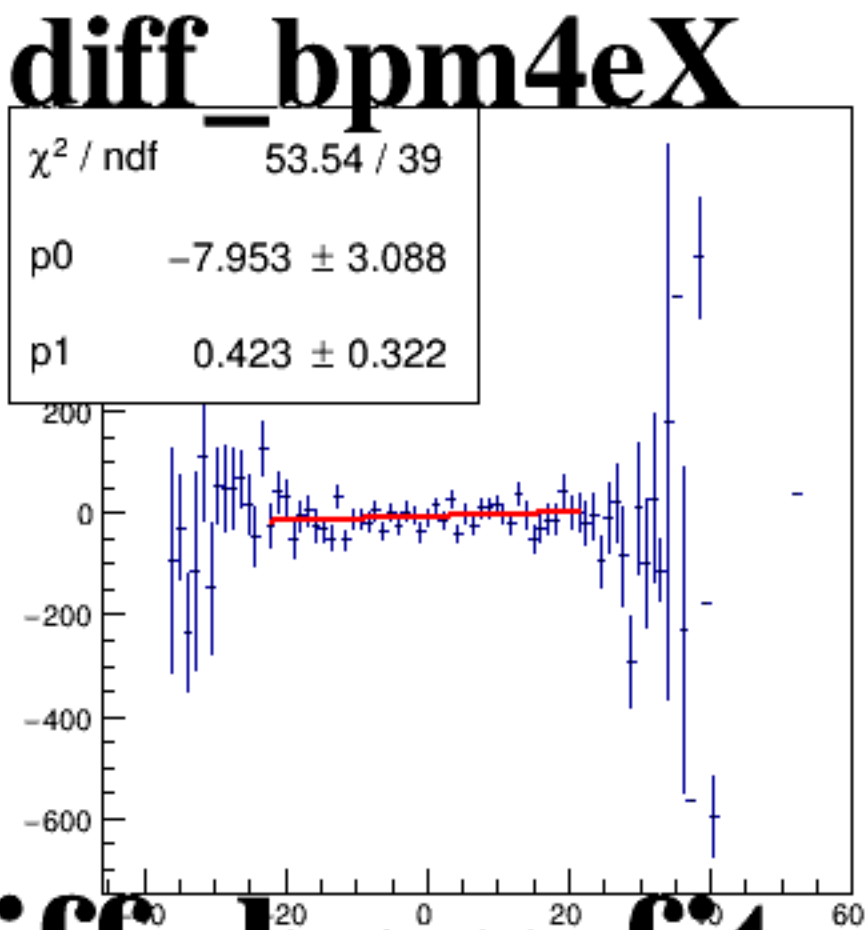
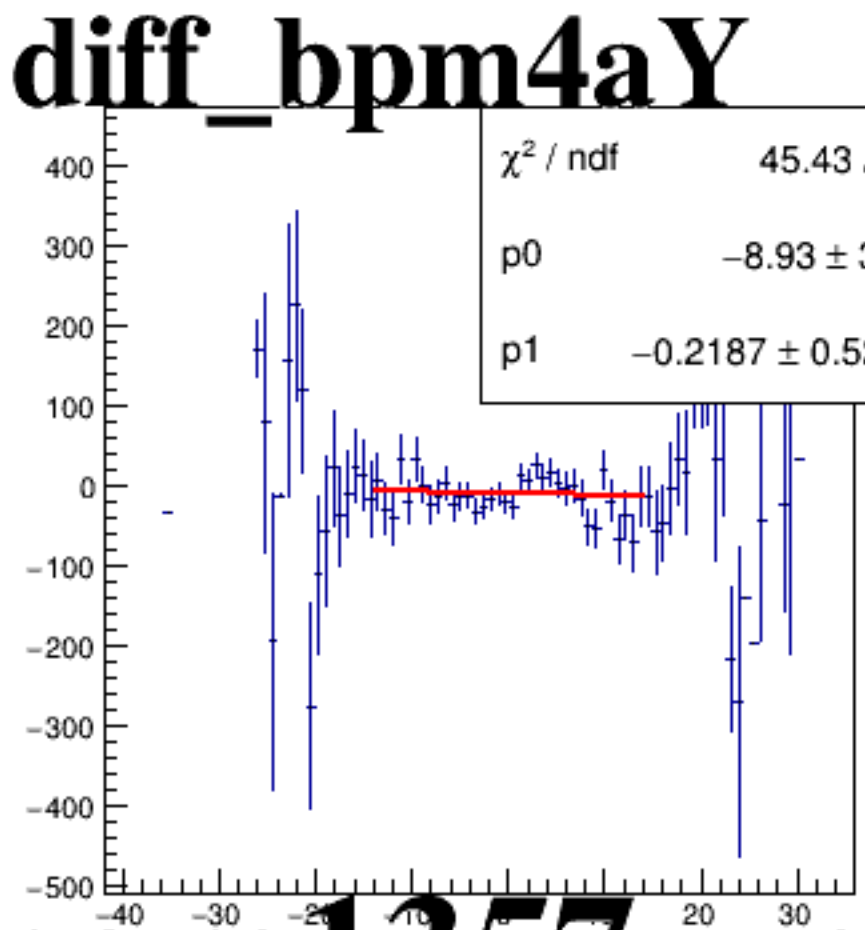
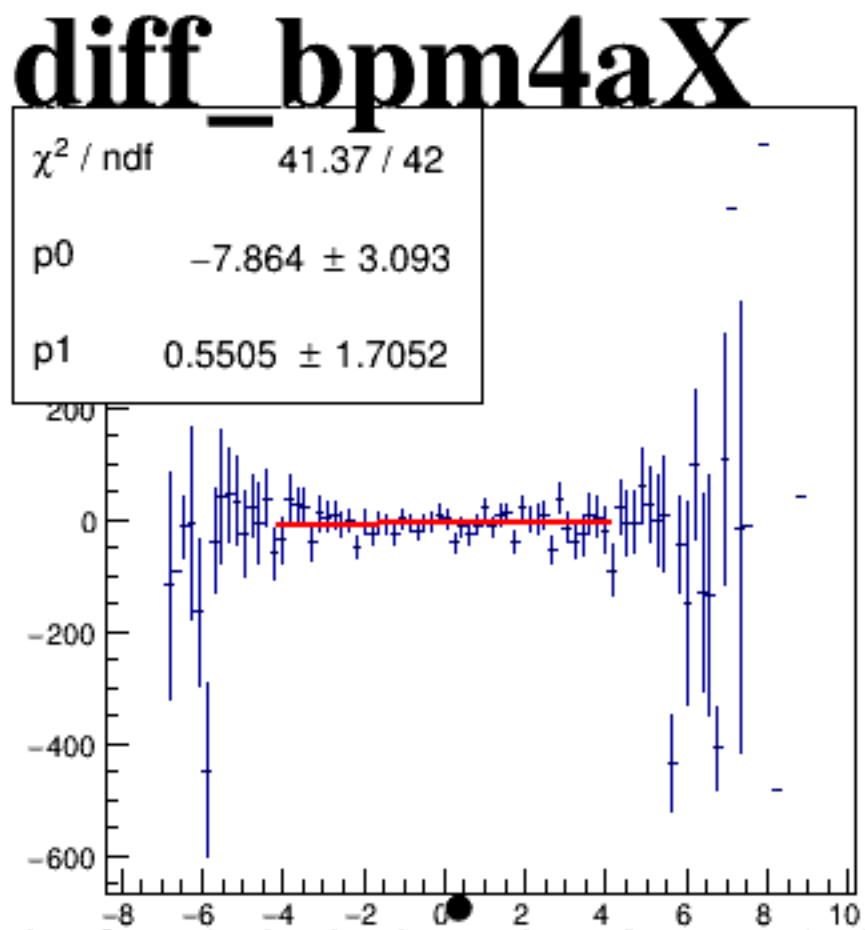
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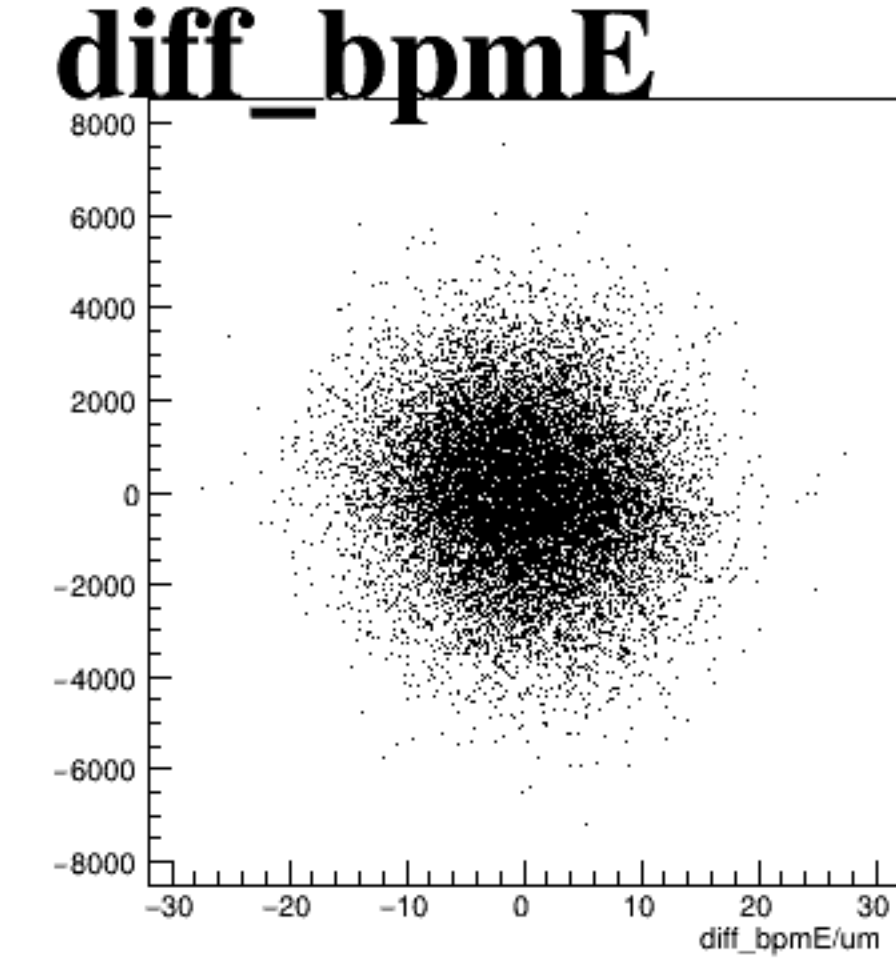
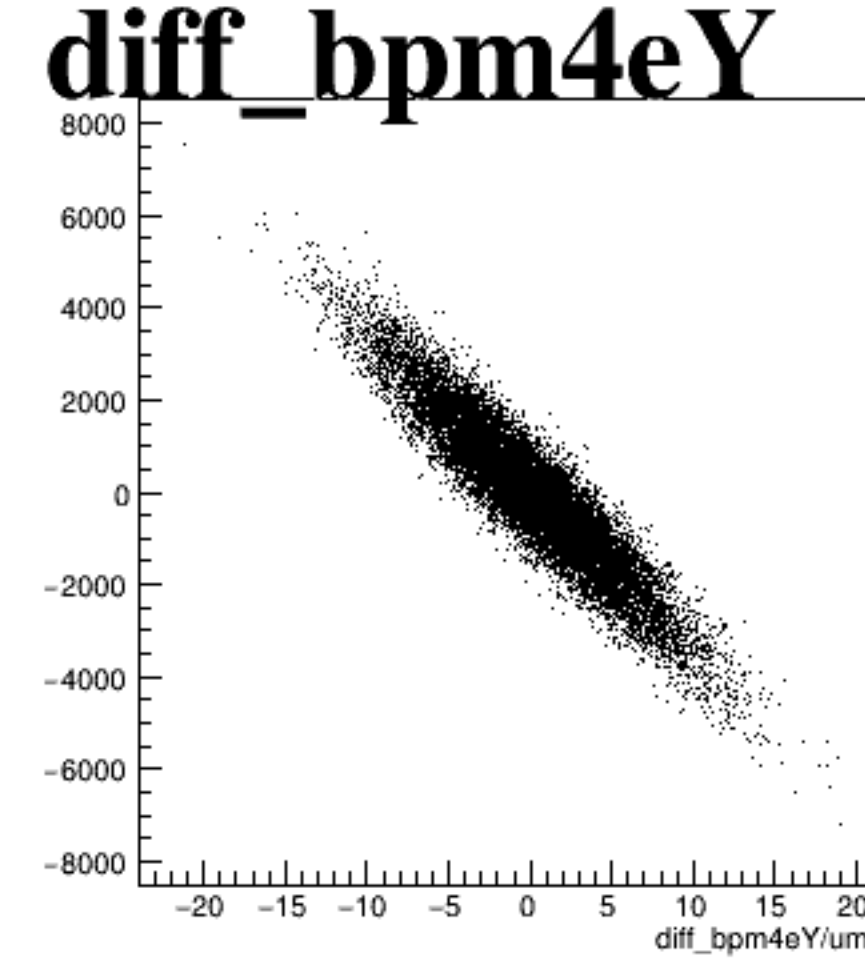
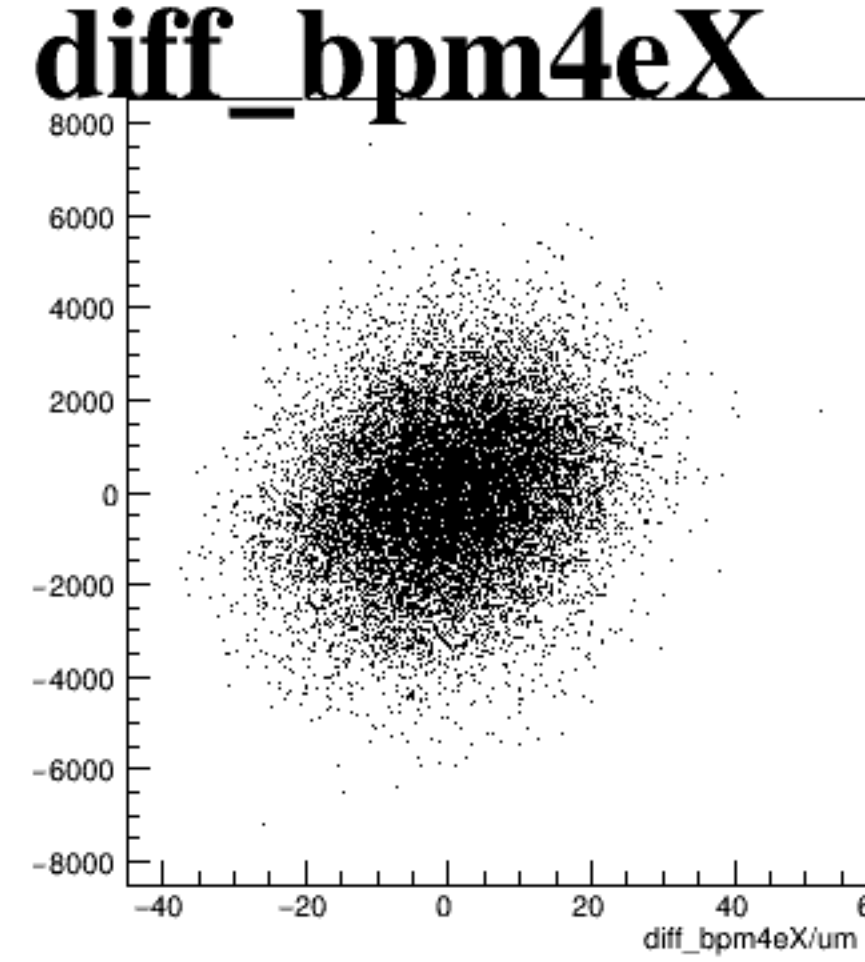
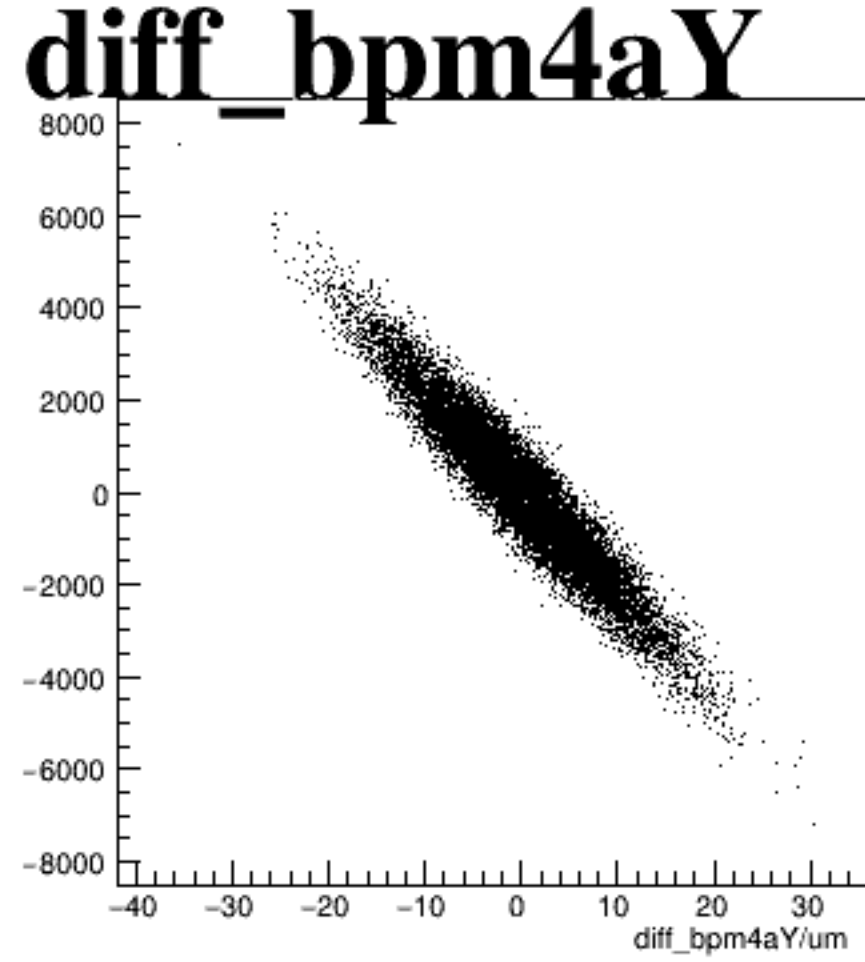
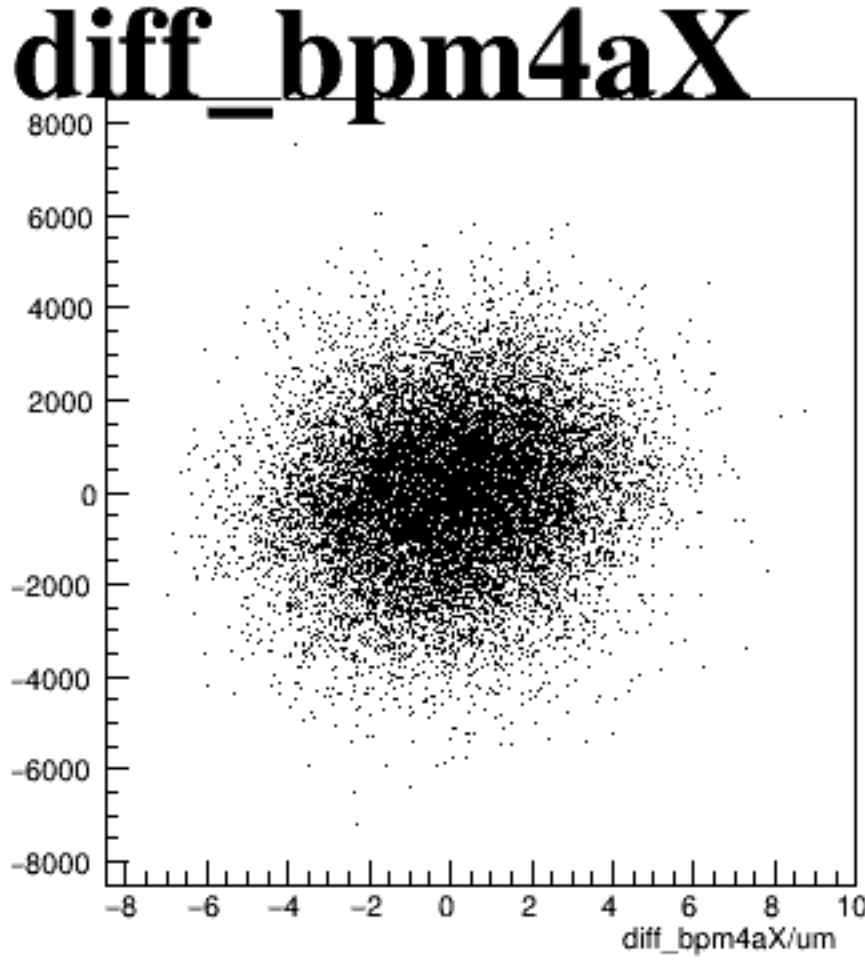
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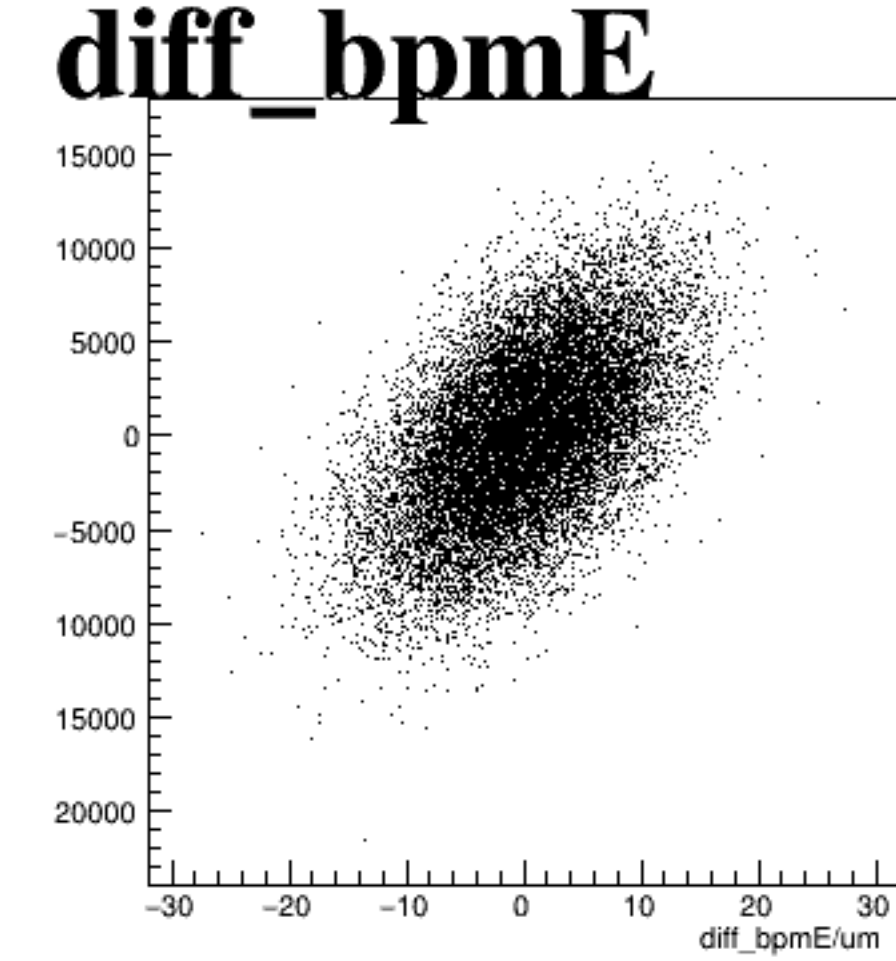
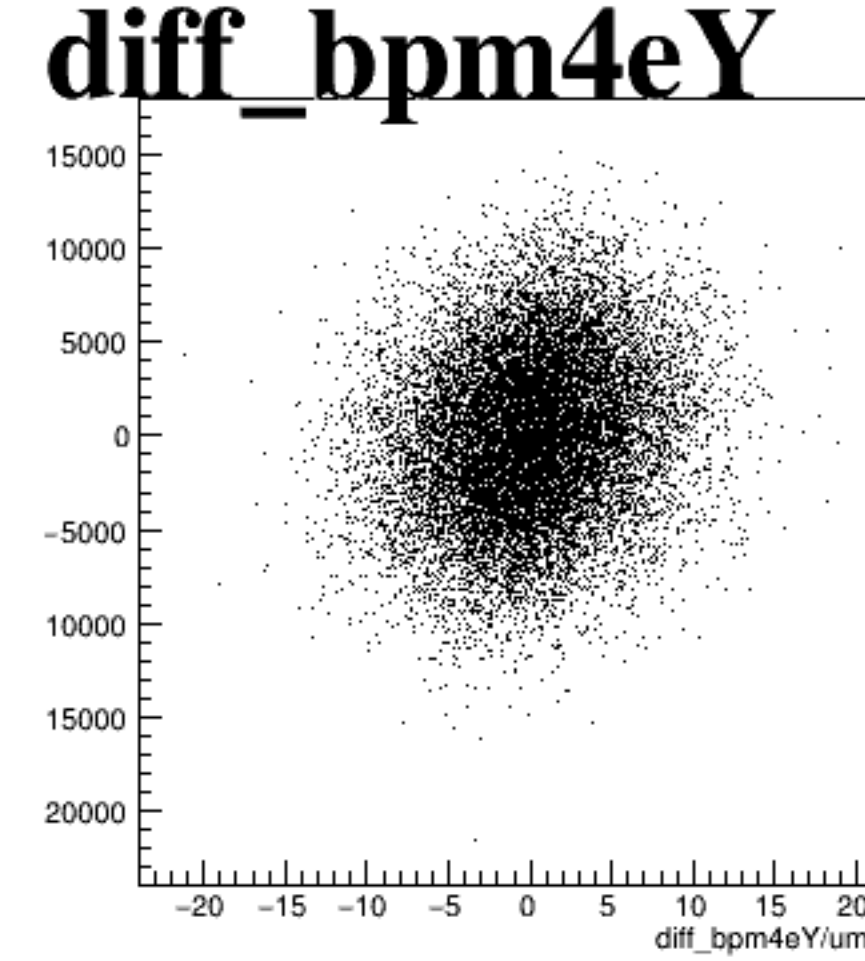
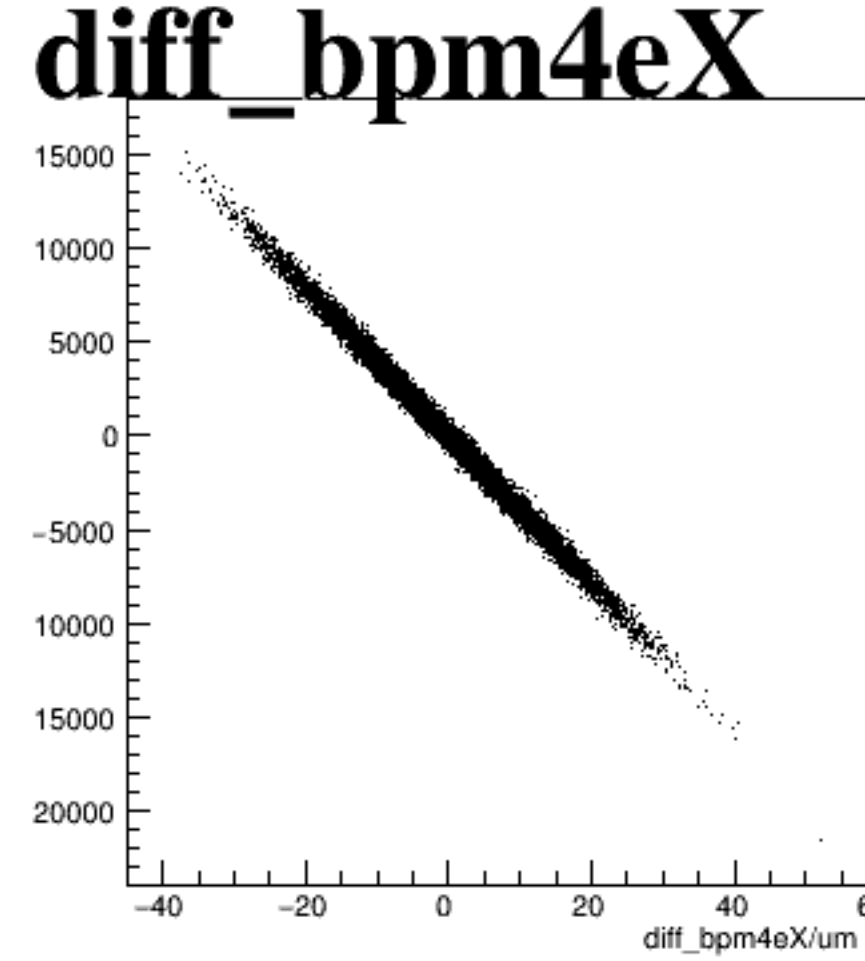
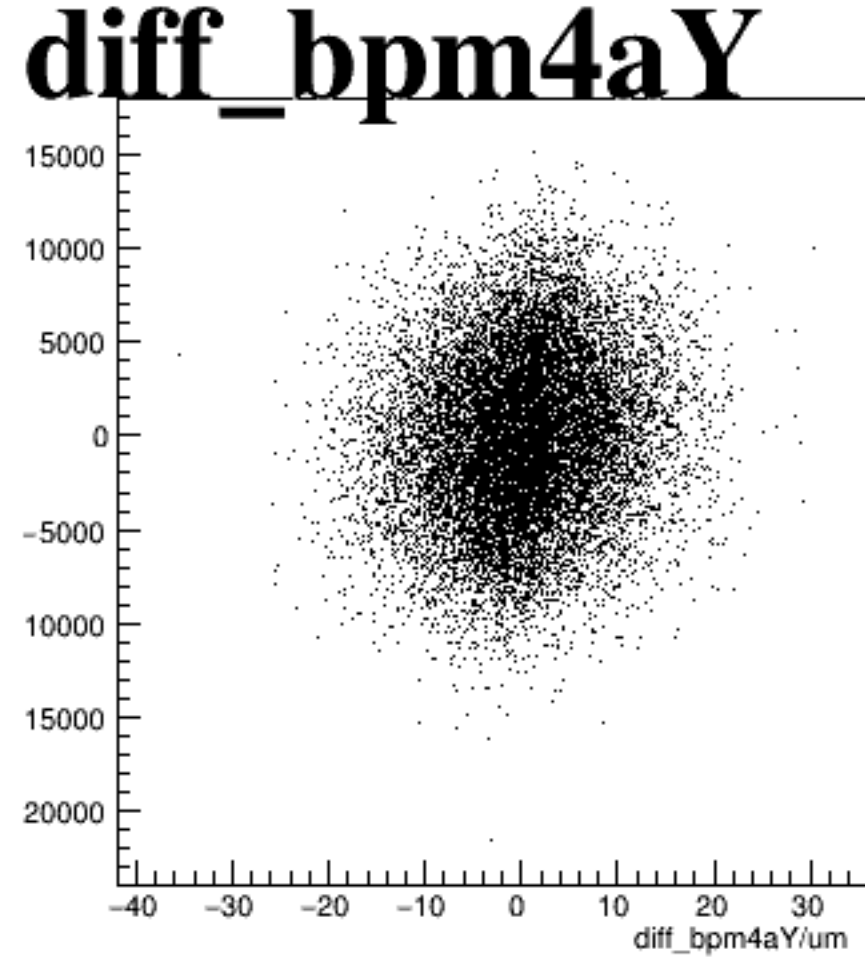
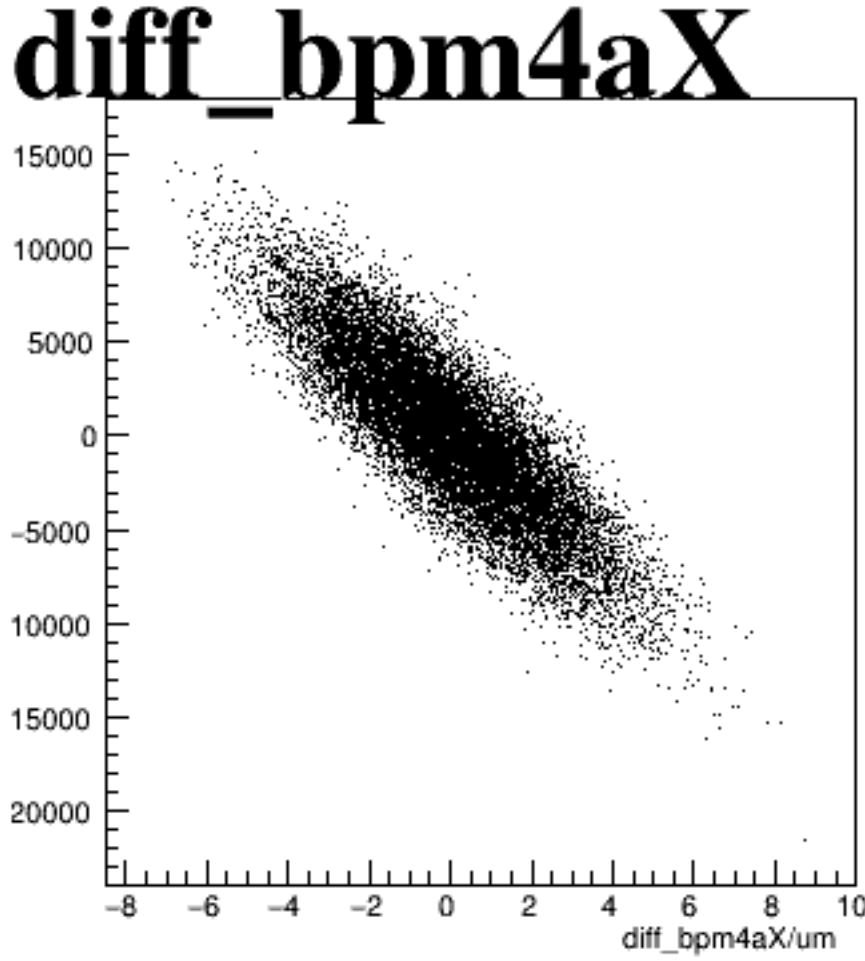
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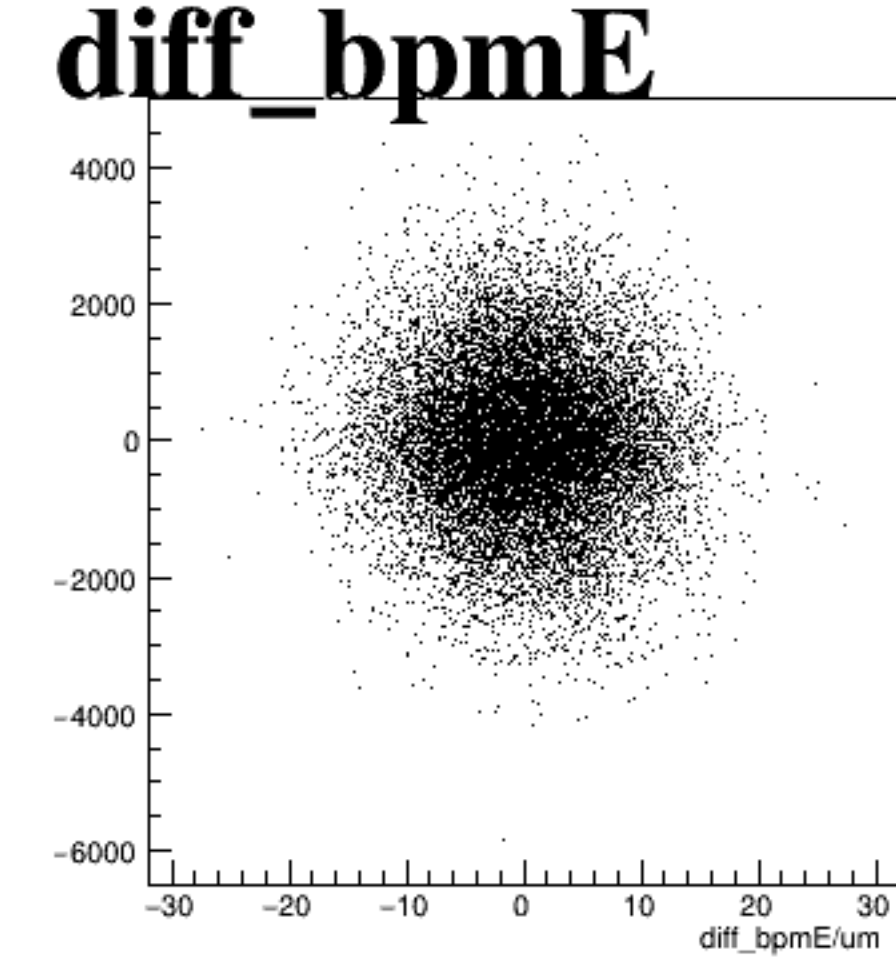
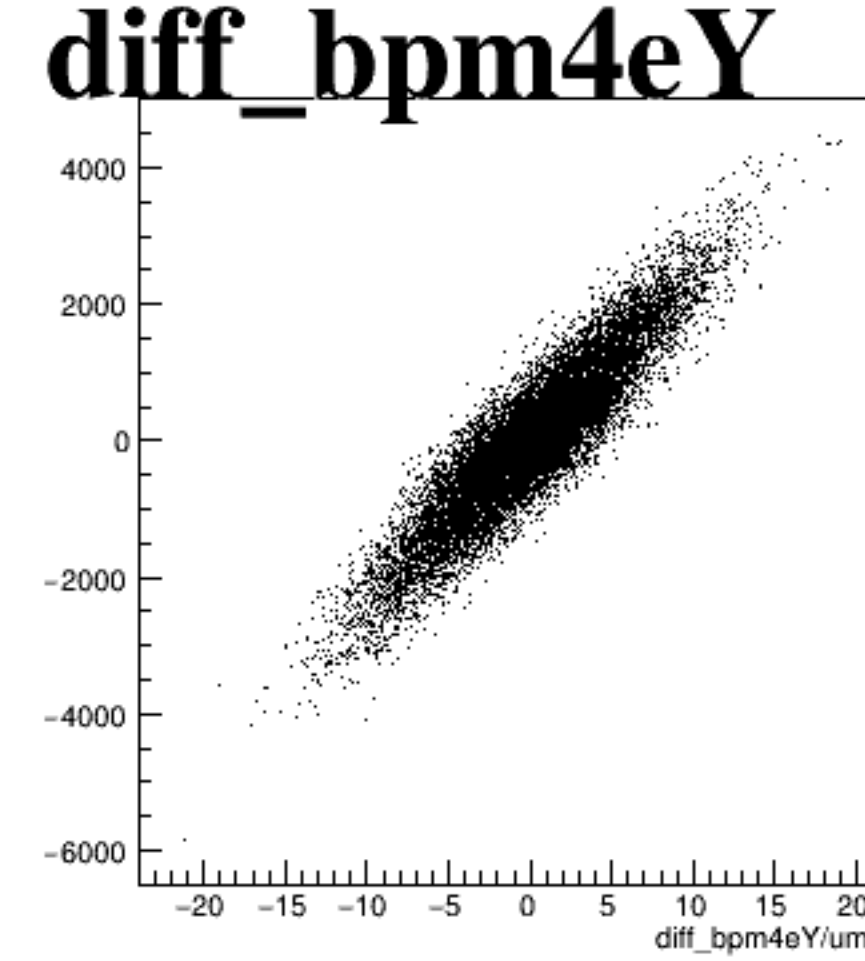
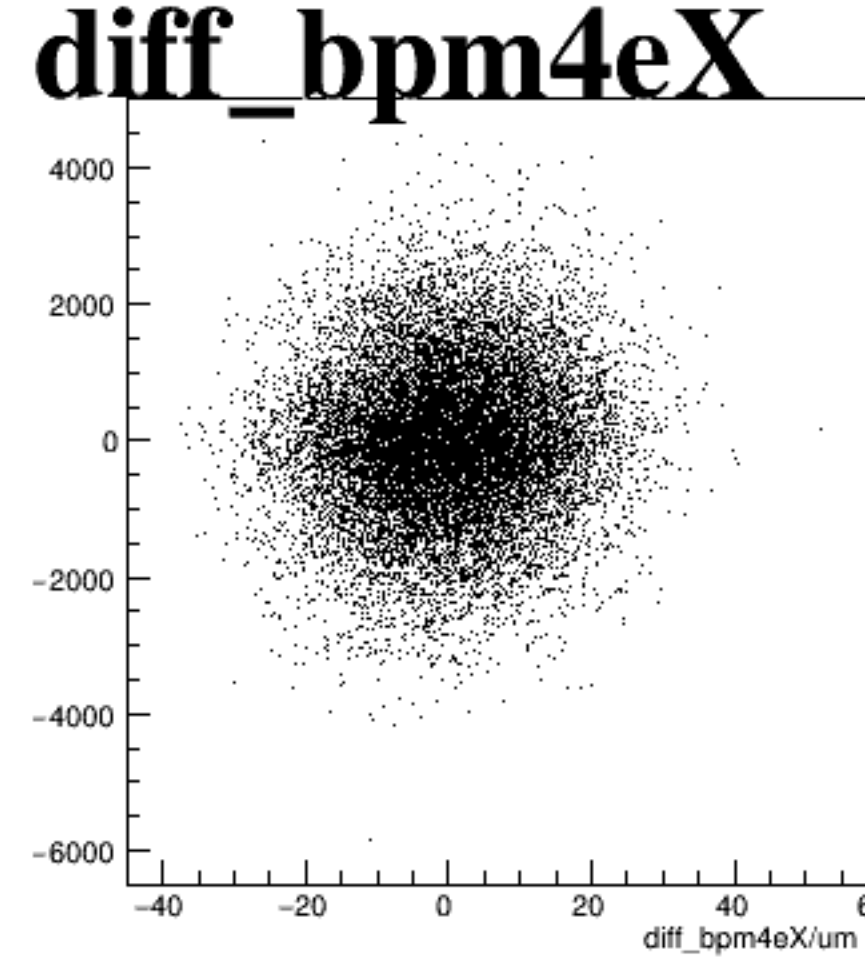
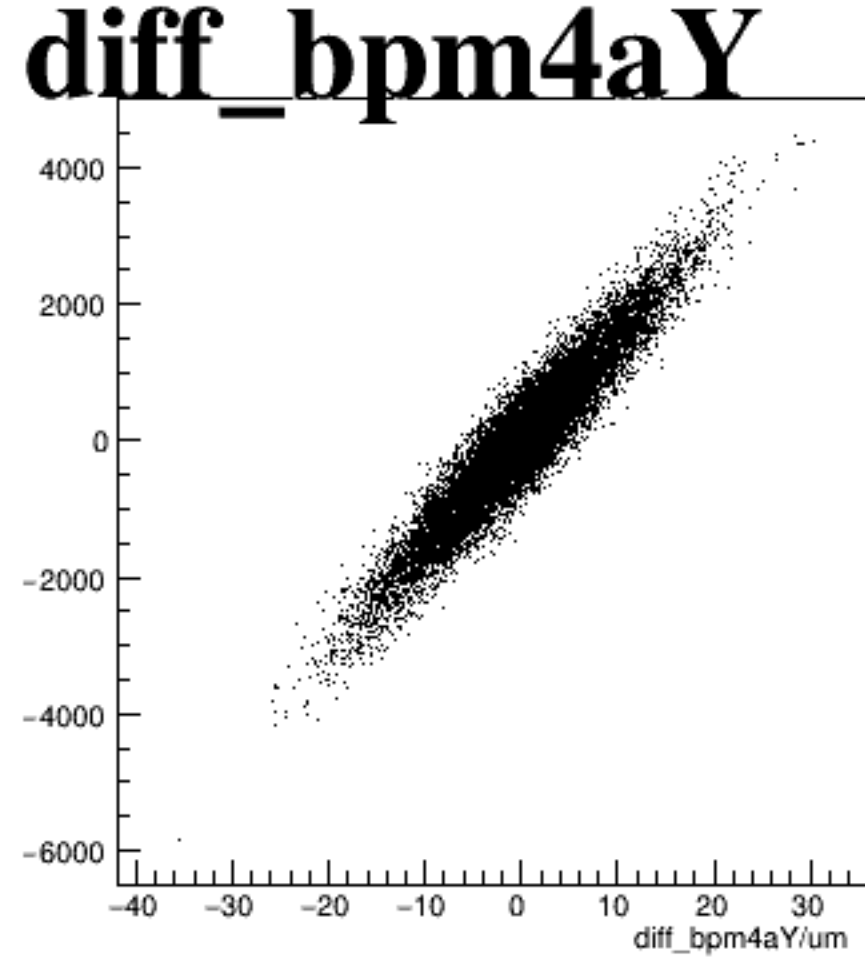
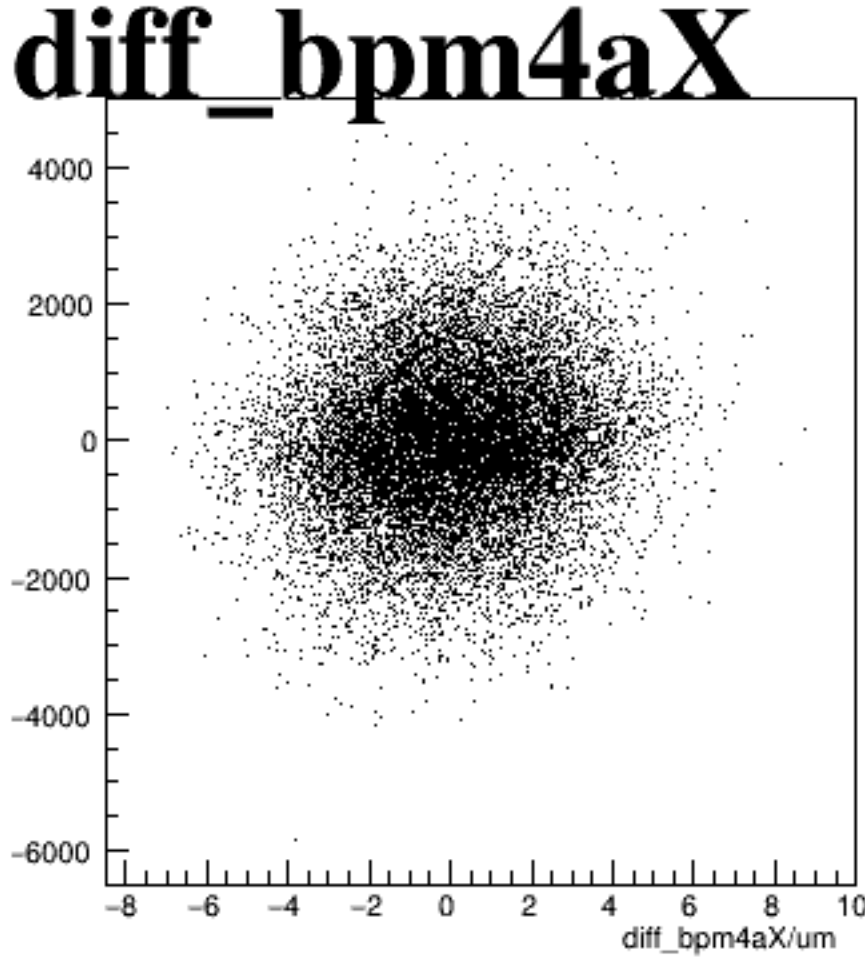
asym_sam1



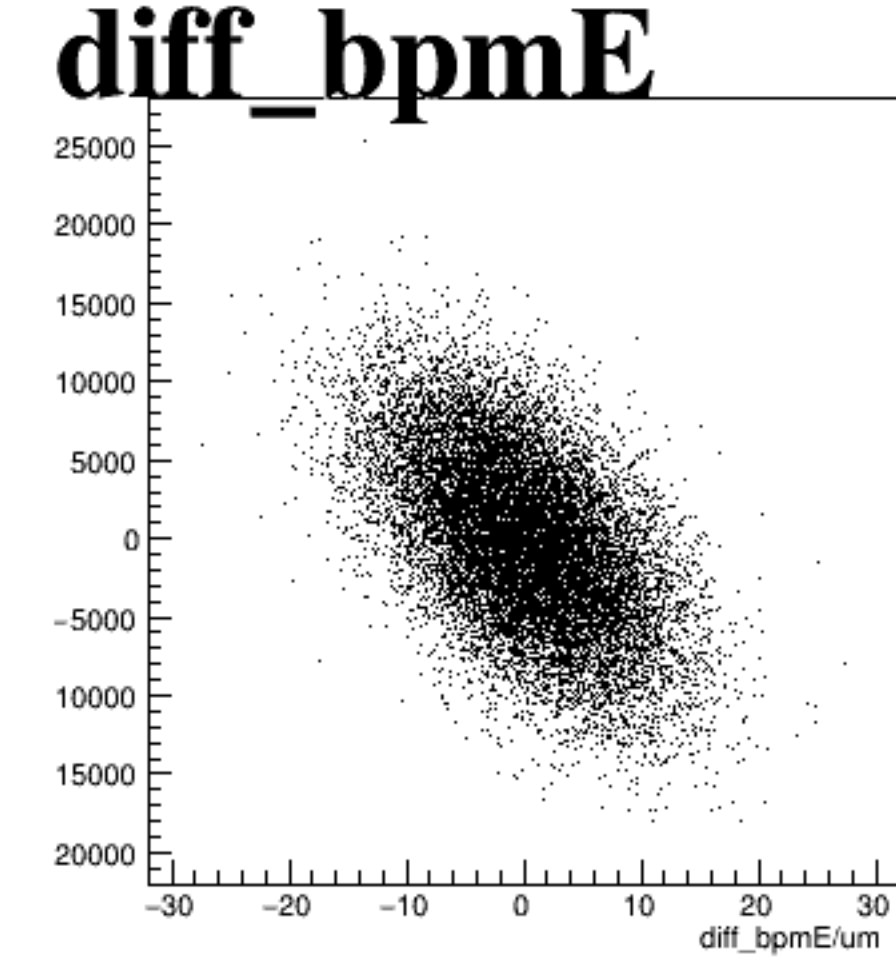
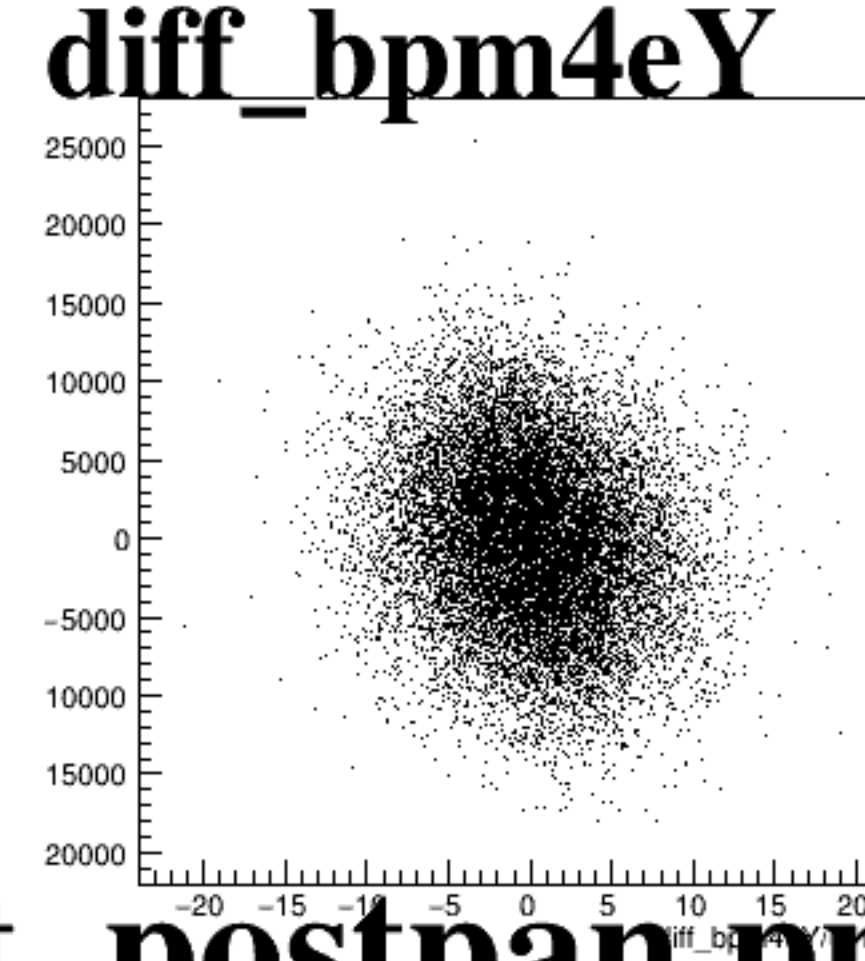
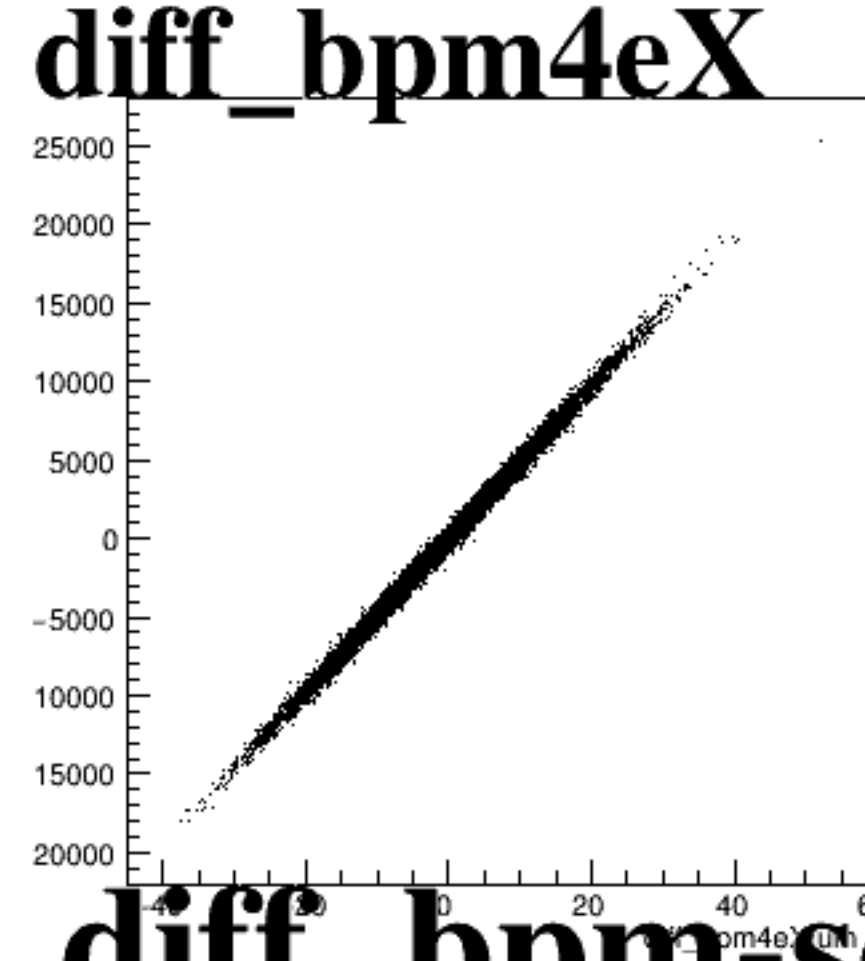
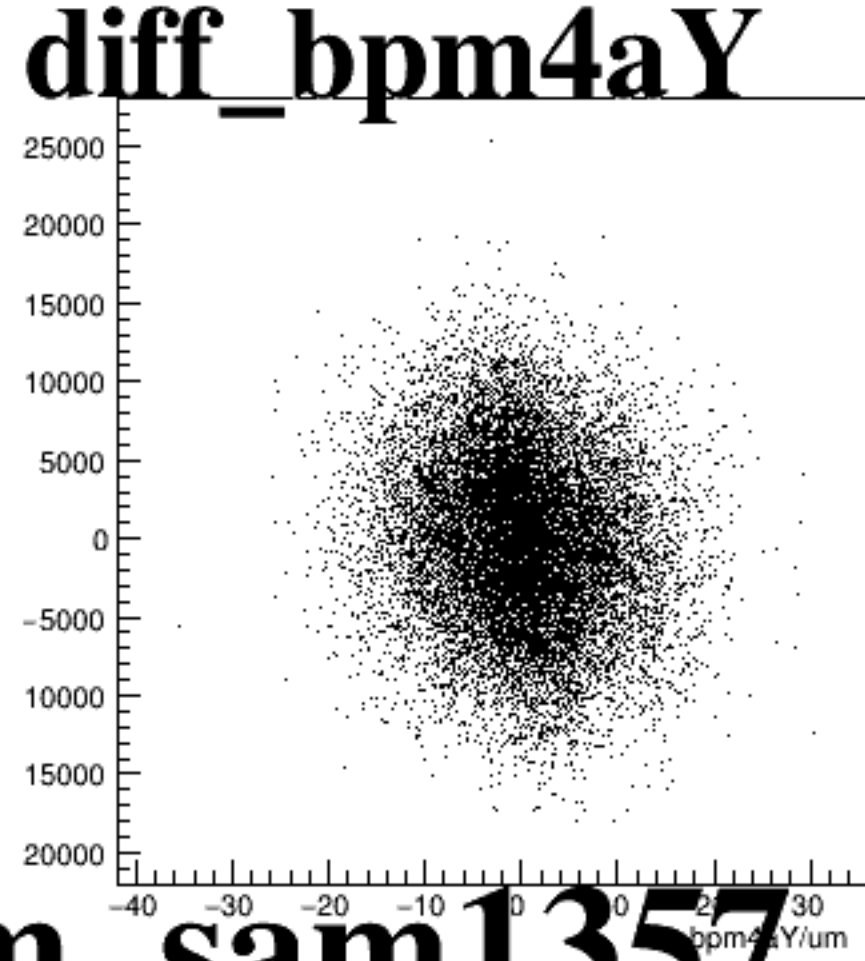
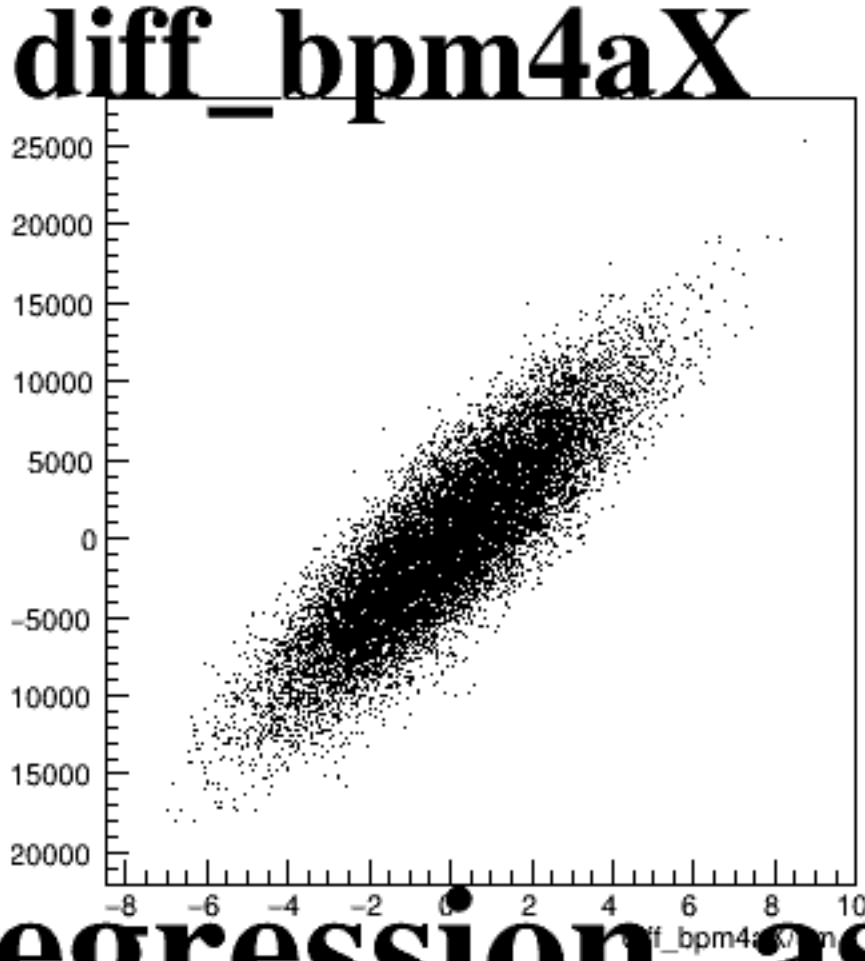
asym_sam3



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: X, Y, X, Y, and E. Each plot has a title and axes labeled with the parameter name and unit (um). The distributions are centered around zero difference.

- diff_bpm4aX**: The x-axis is labeled `diff_bpm4aX/um` and ranges from -8 to 10. The y-axis ranges from -2000 to 2000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -40 to 30. The y-axis ranges from -2000 to 2000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -40 to 60. The y-axis ranges from -2000 to 2000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -20 to 20. The y-axis ranges from -2000 to 2000.
- diff_bpmE**: The x-axis is labeled `diff_bpmE/um` and ranges from -30 to 30. The y-axis ranges from -2000 to 2000.

The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences in BPM parameters. The y-axis for all plots ranges from -1500 to 1500. The x-axis for each plot represents a different parameter difference:

- diff_bpm4aX**: x-axis ranges from -8 to 10.
- diff_bpm4aY**: x-axis ranges from -40 to 30.
- diff_bpm4eX**: x-axis ranges from -40 to 60.
- diff_bpm4eY**: x-axis ranges from -20 to 20.
- diff_bpmE**: x-axis ranges from -30 to 30.

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