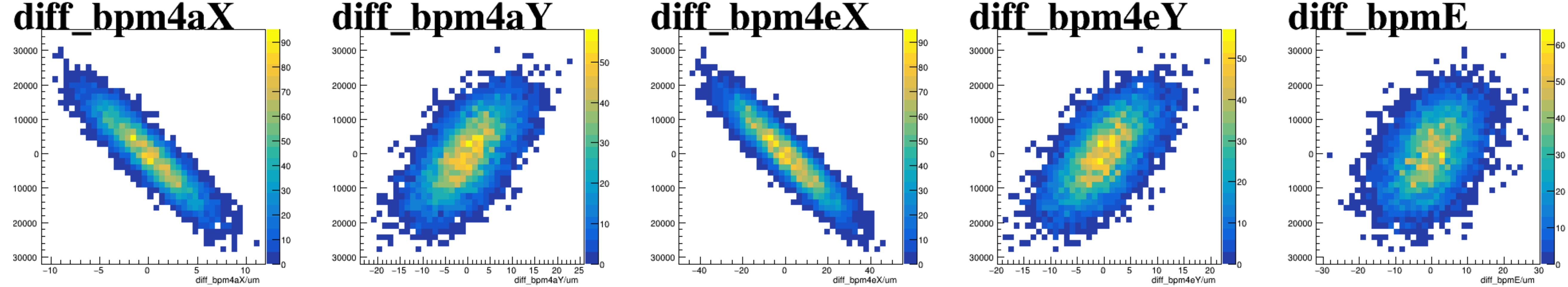
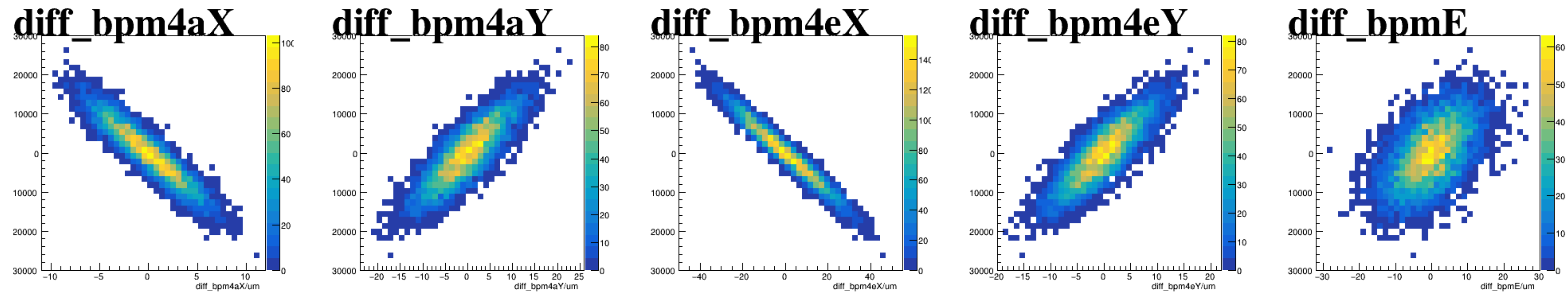


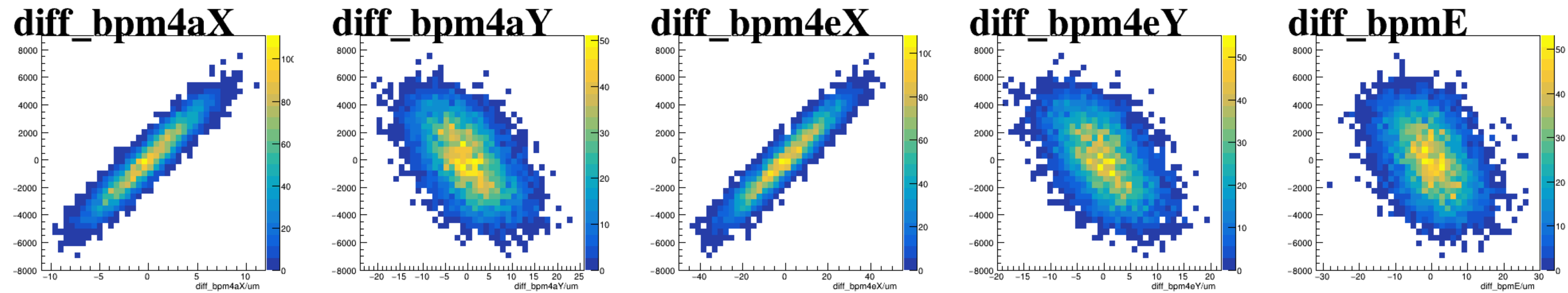
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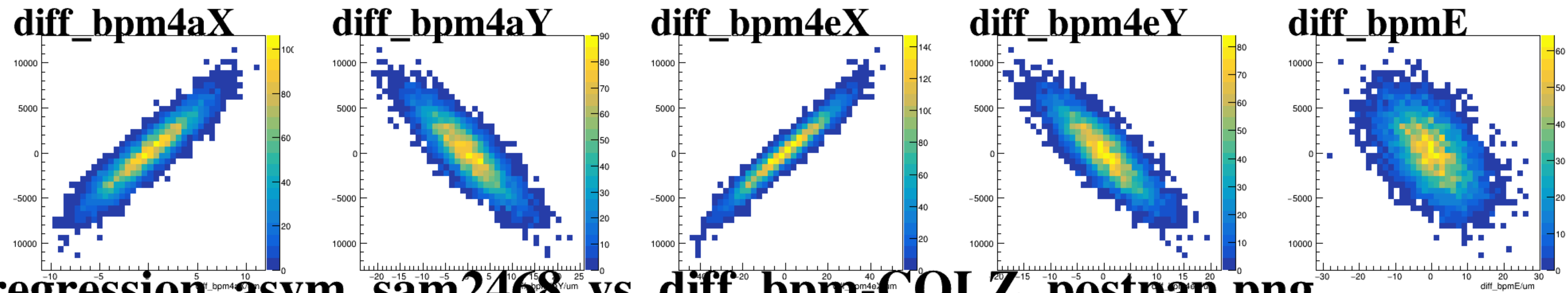
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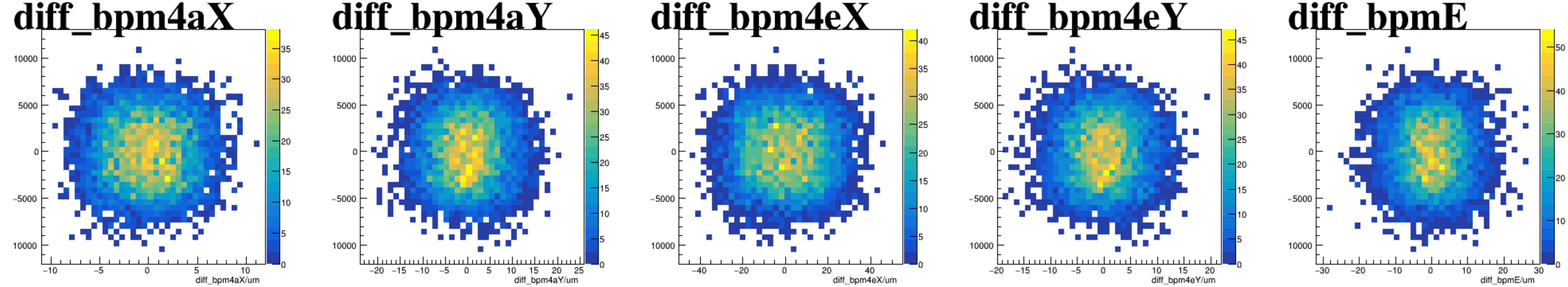
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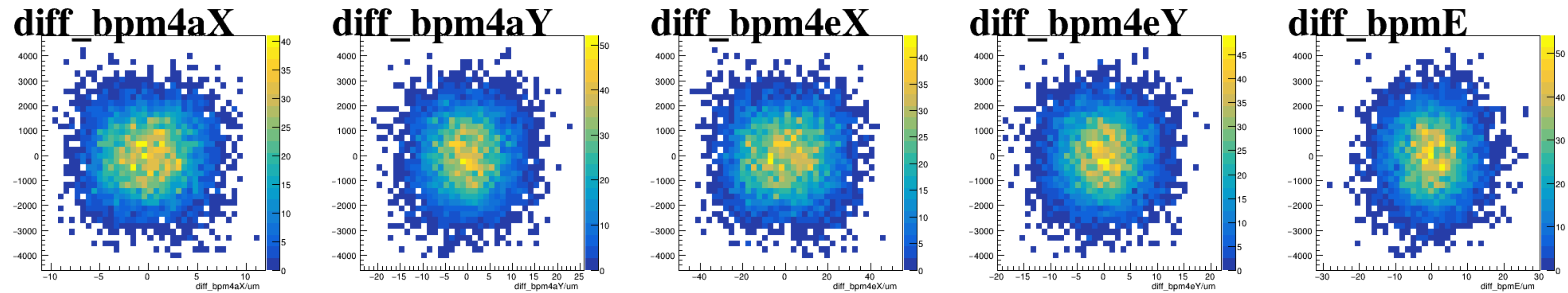
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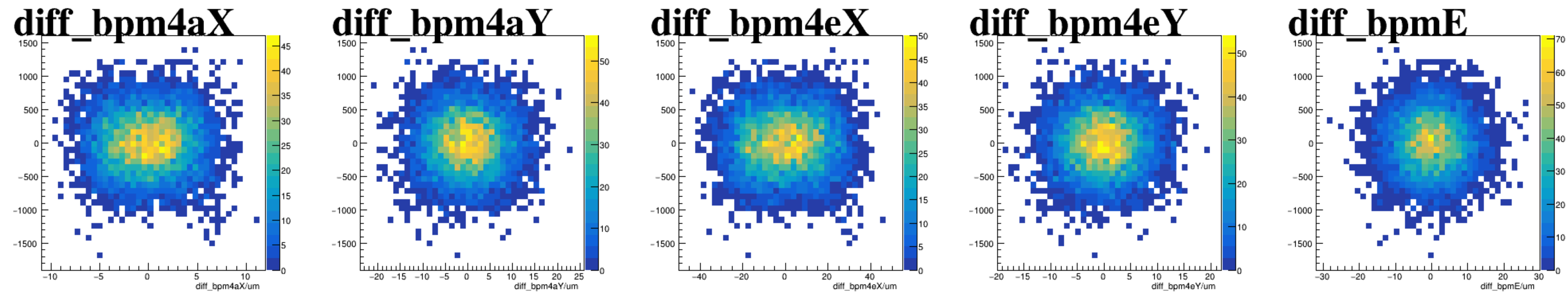
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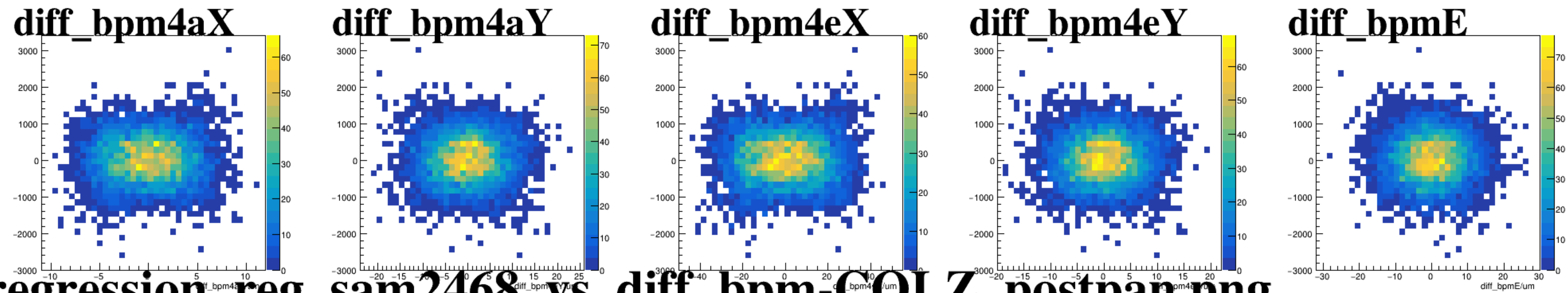
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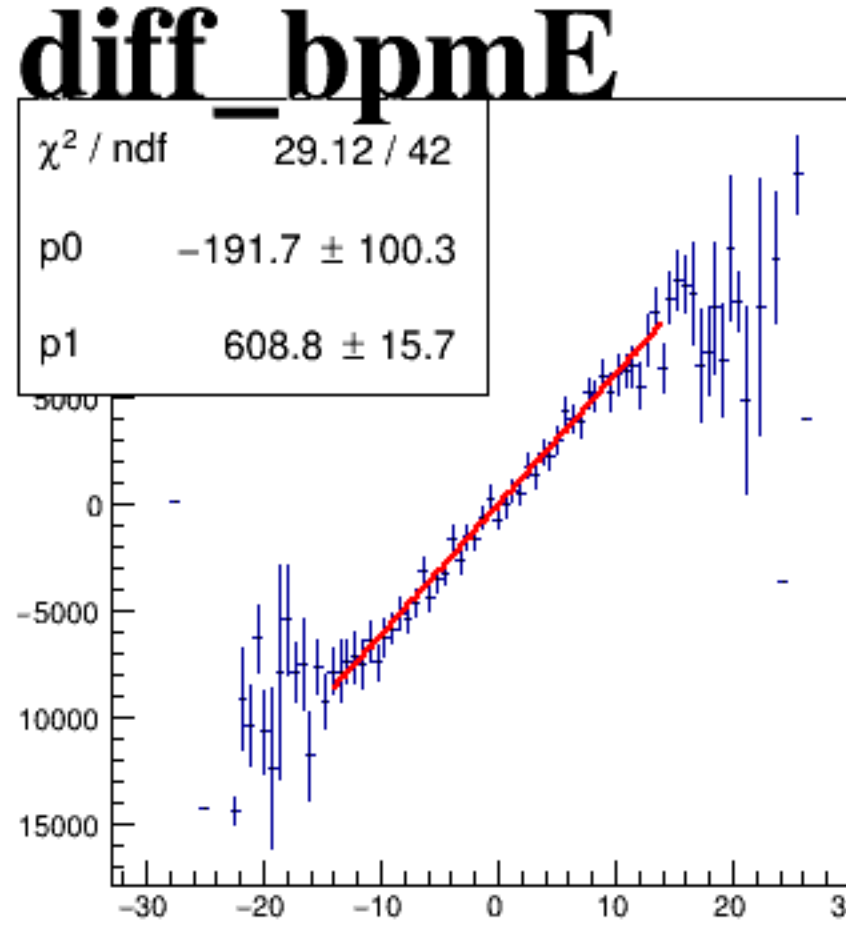
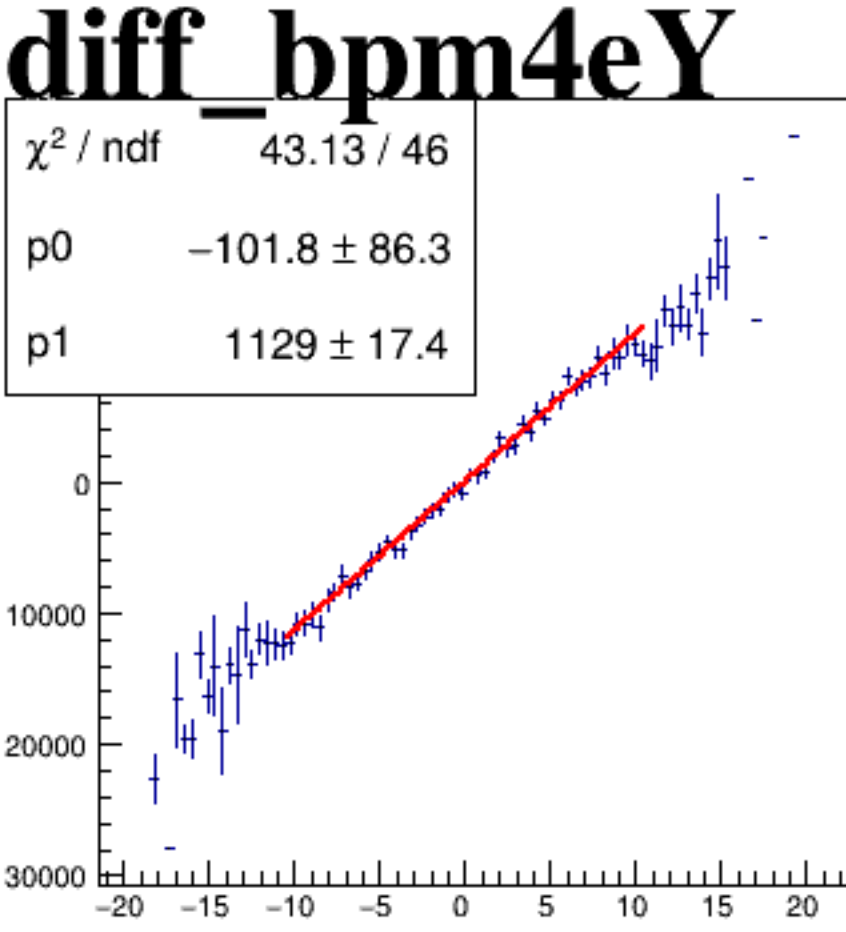
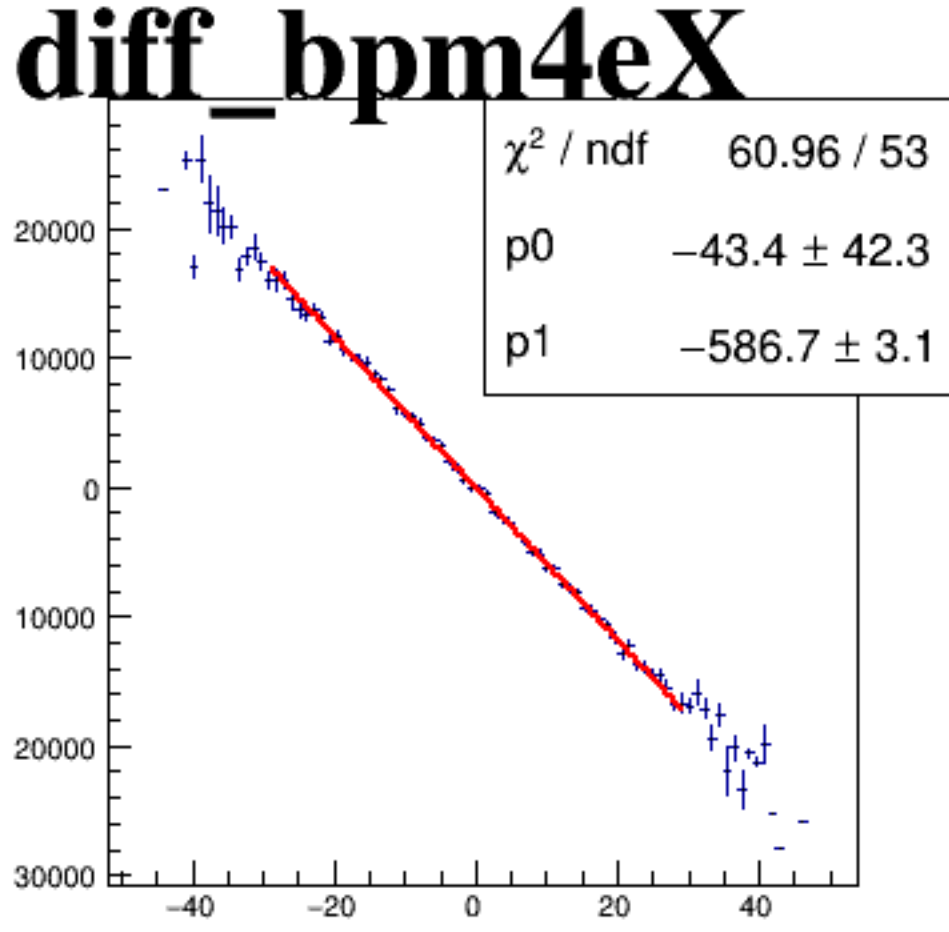
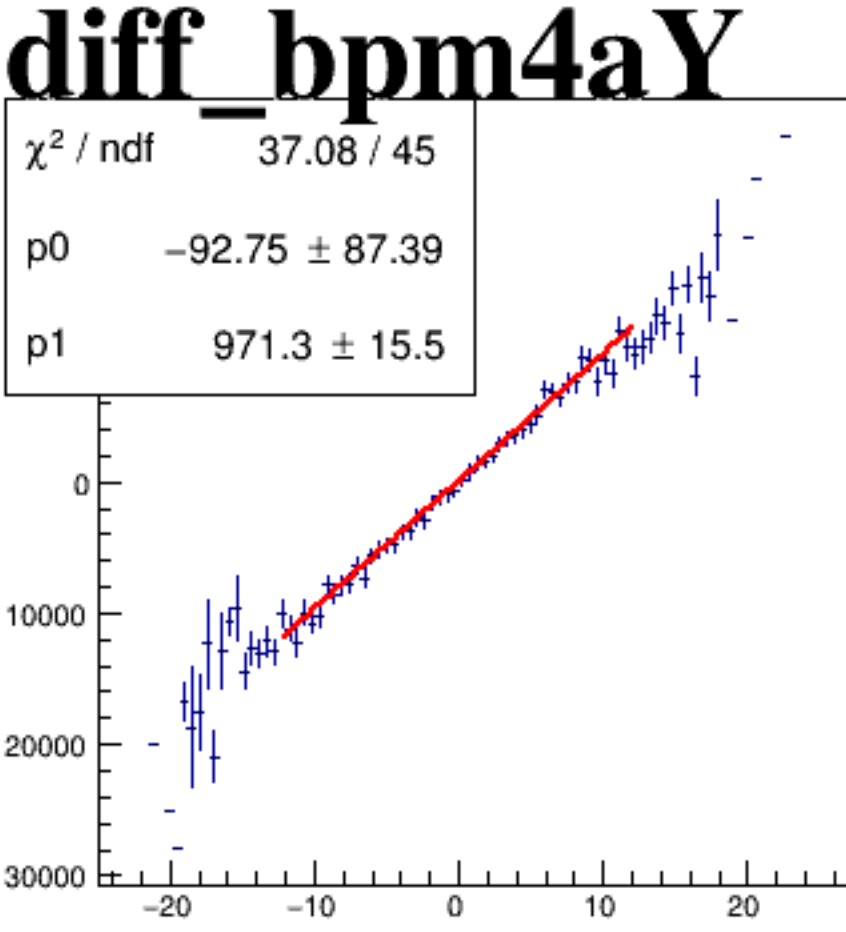
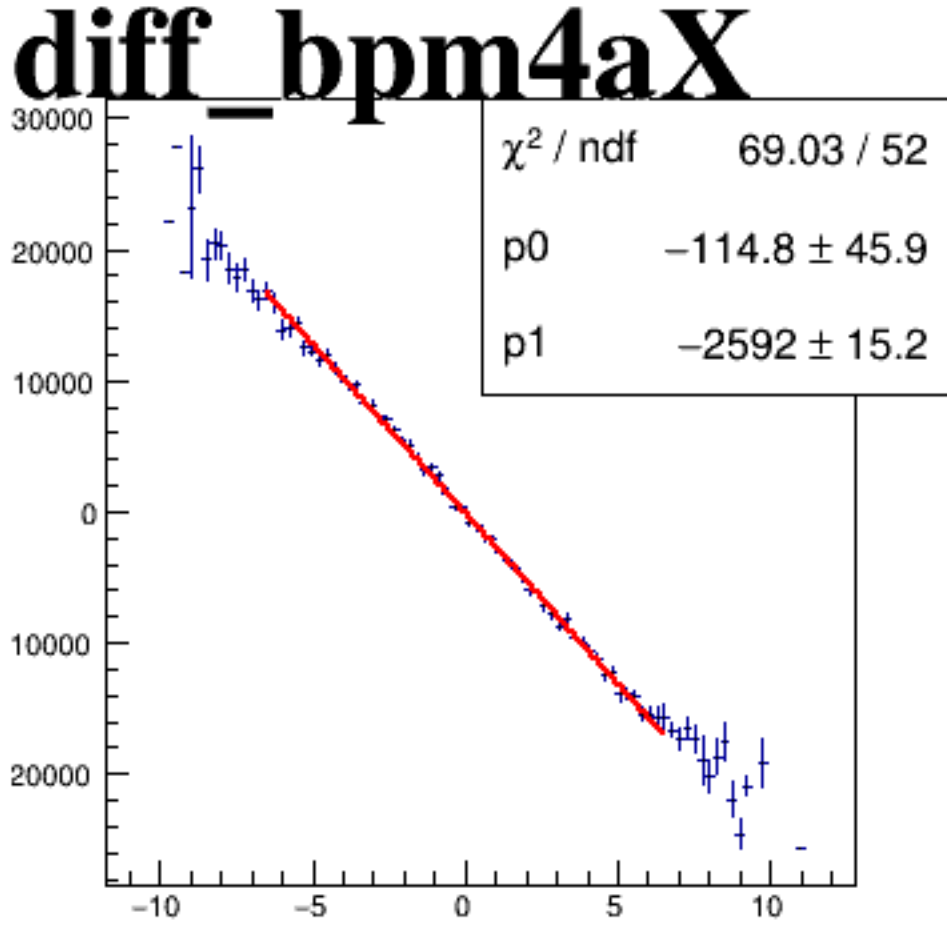
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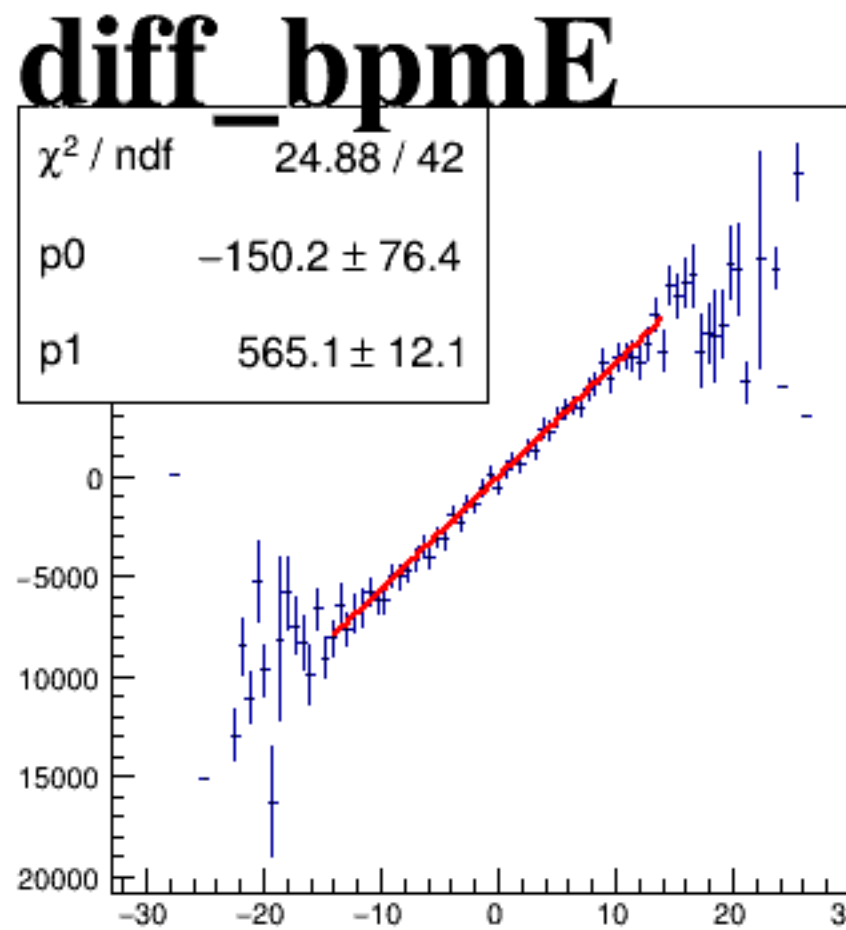
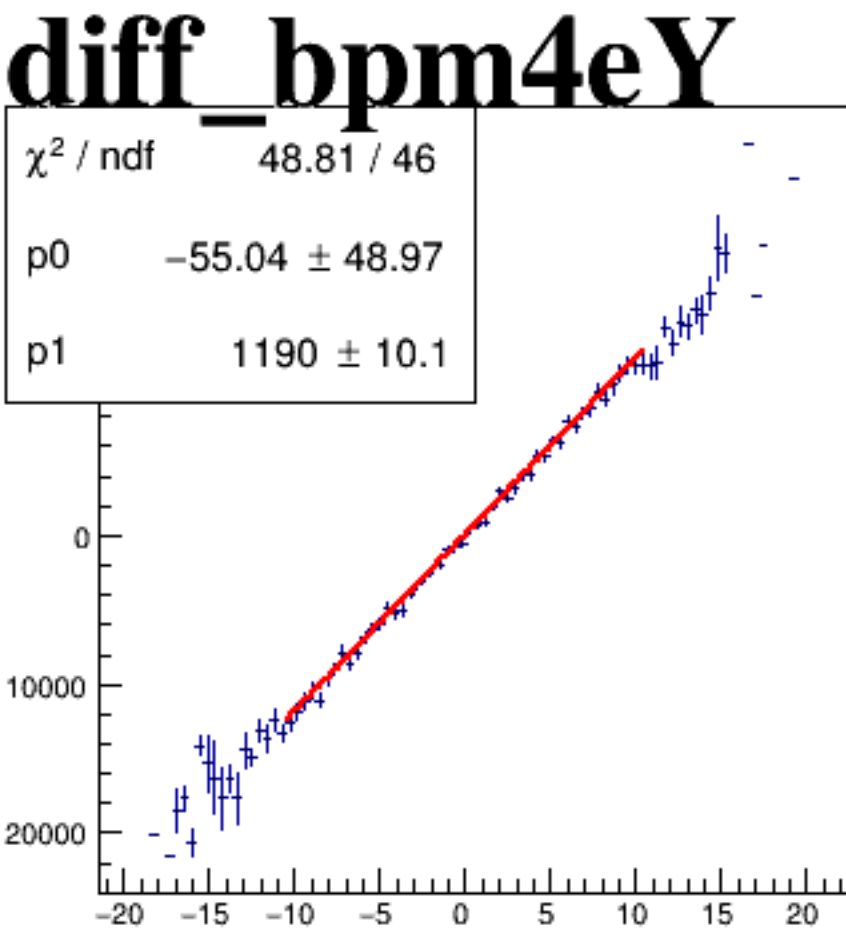
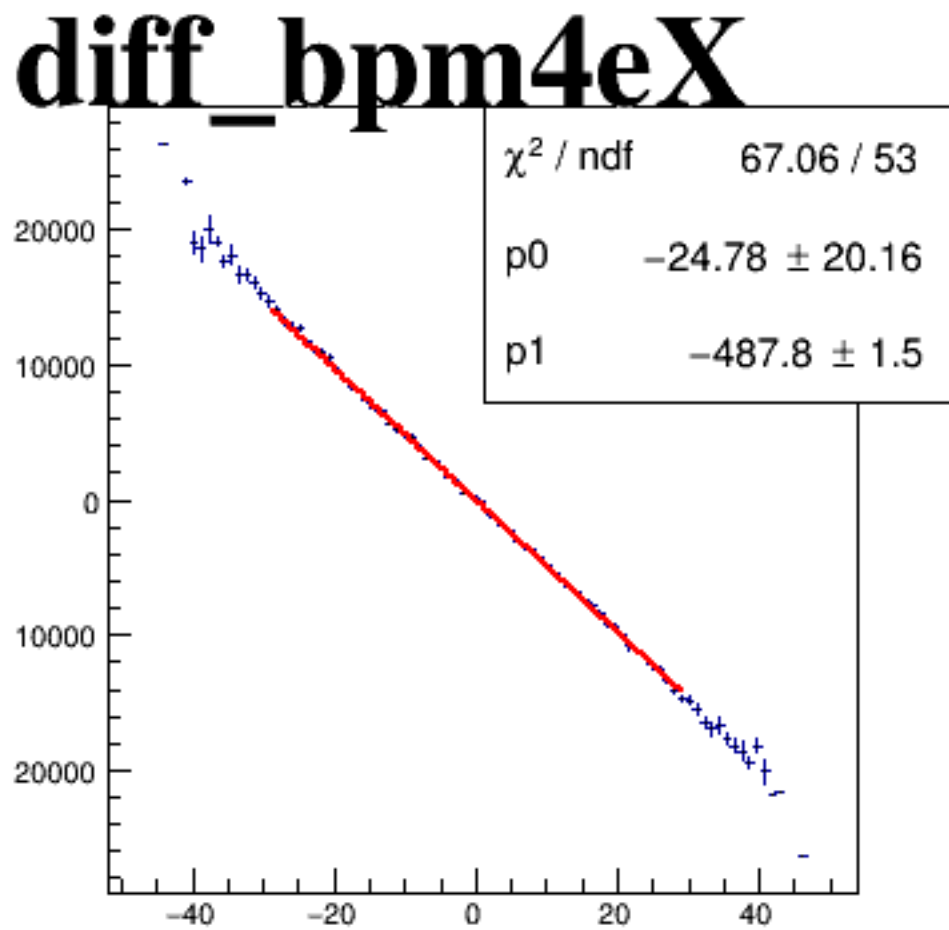
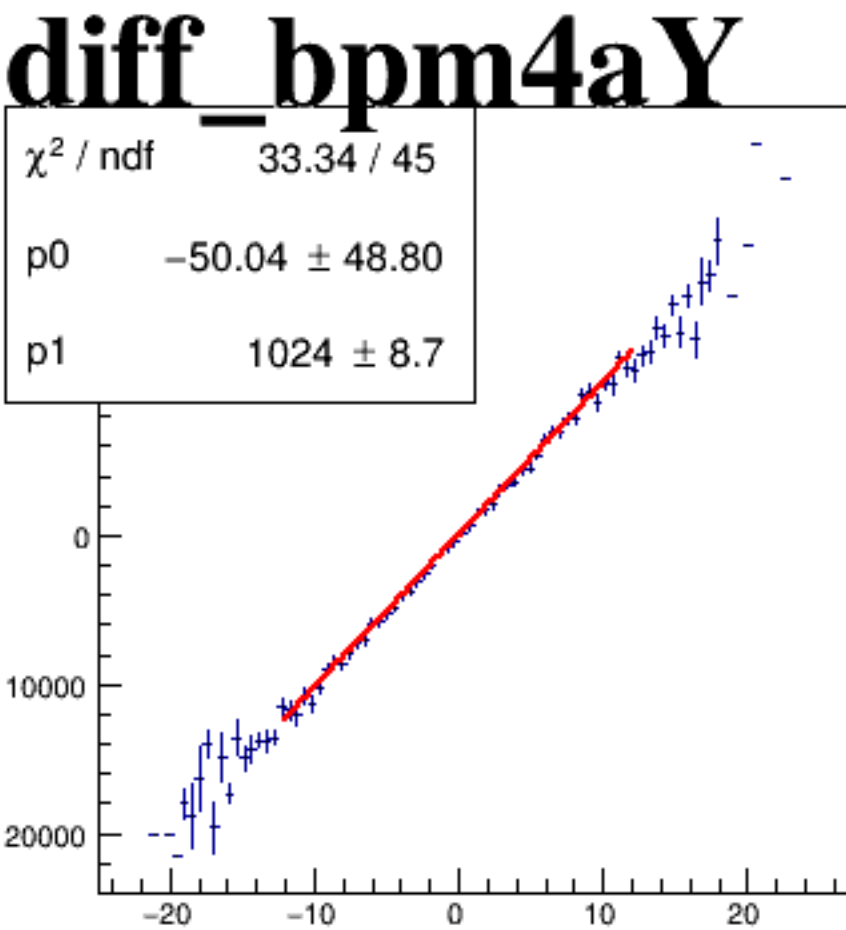
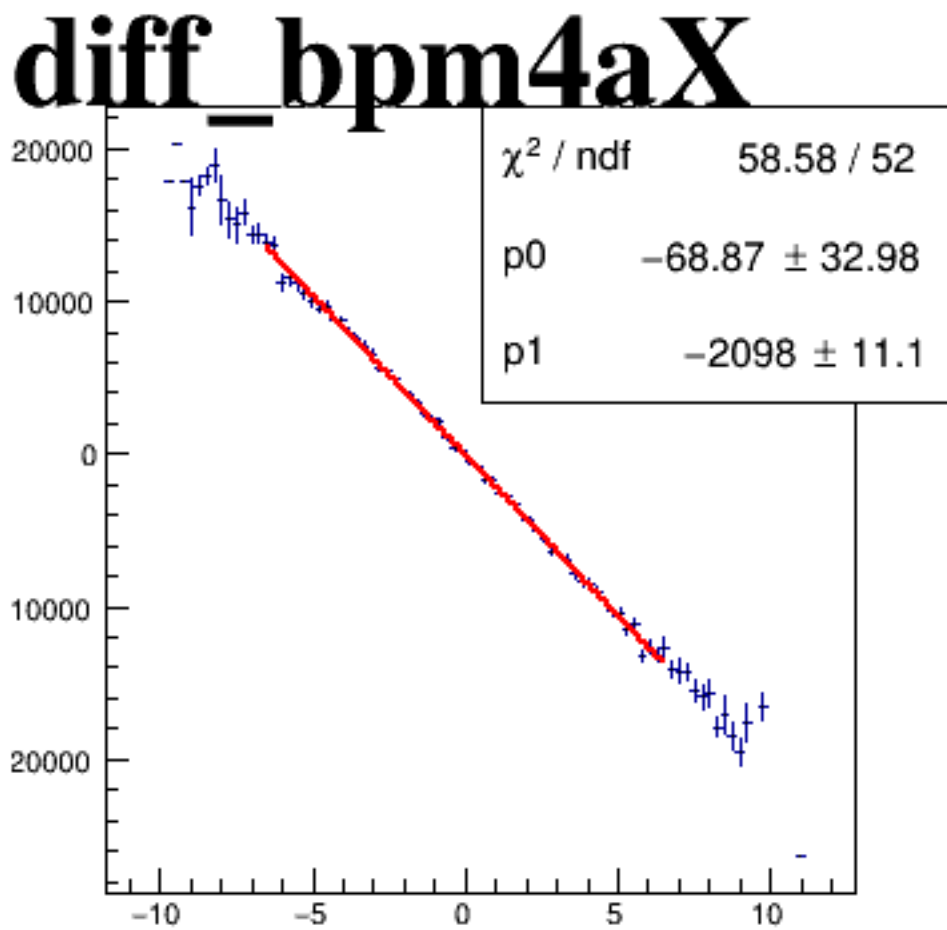
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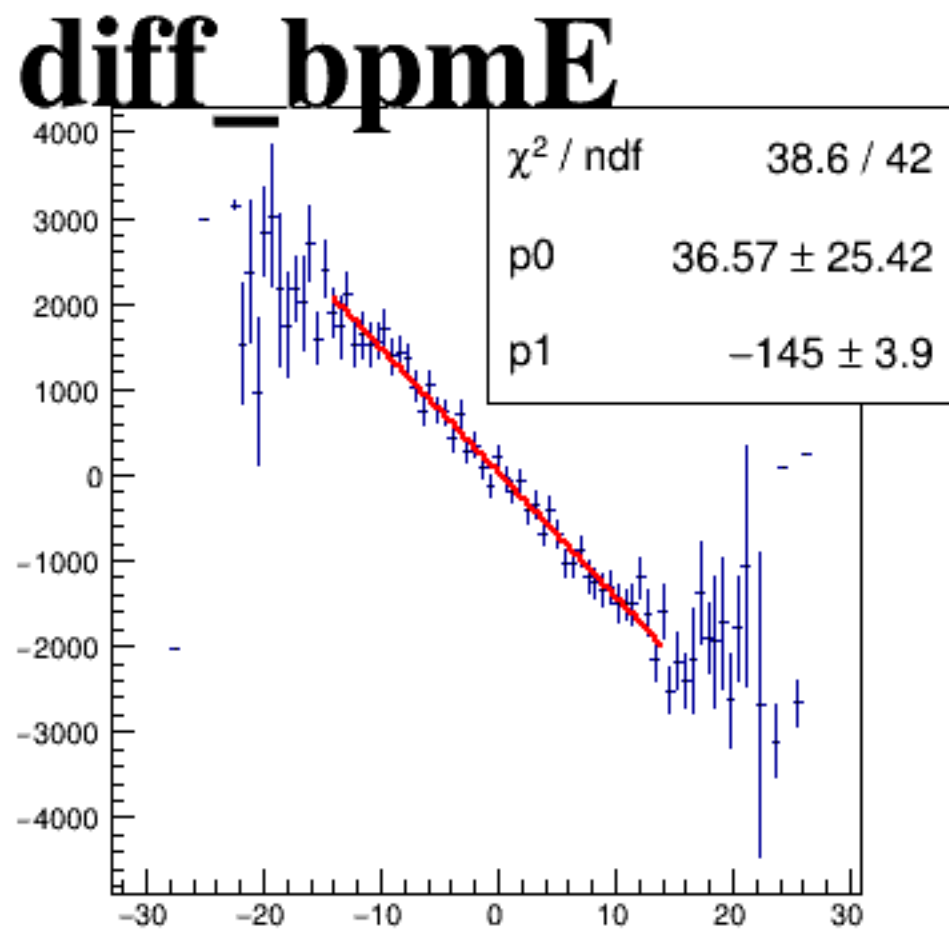
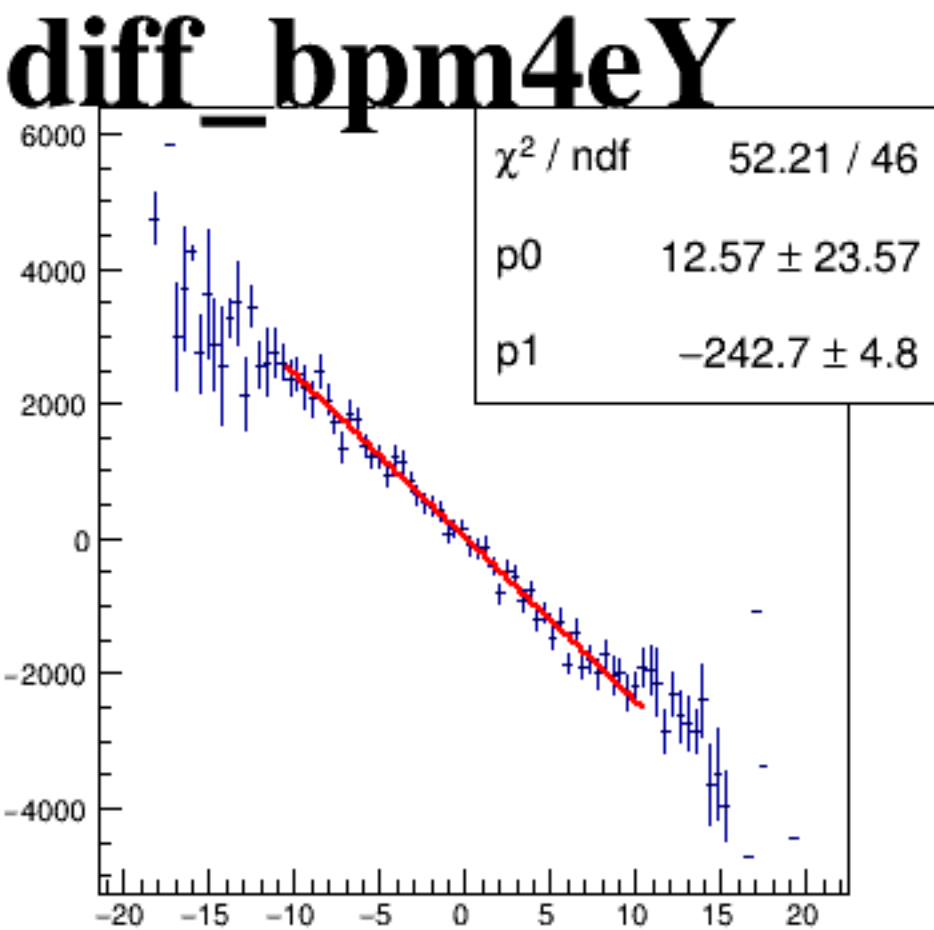
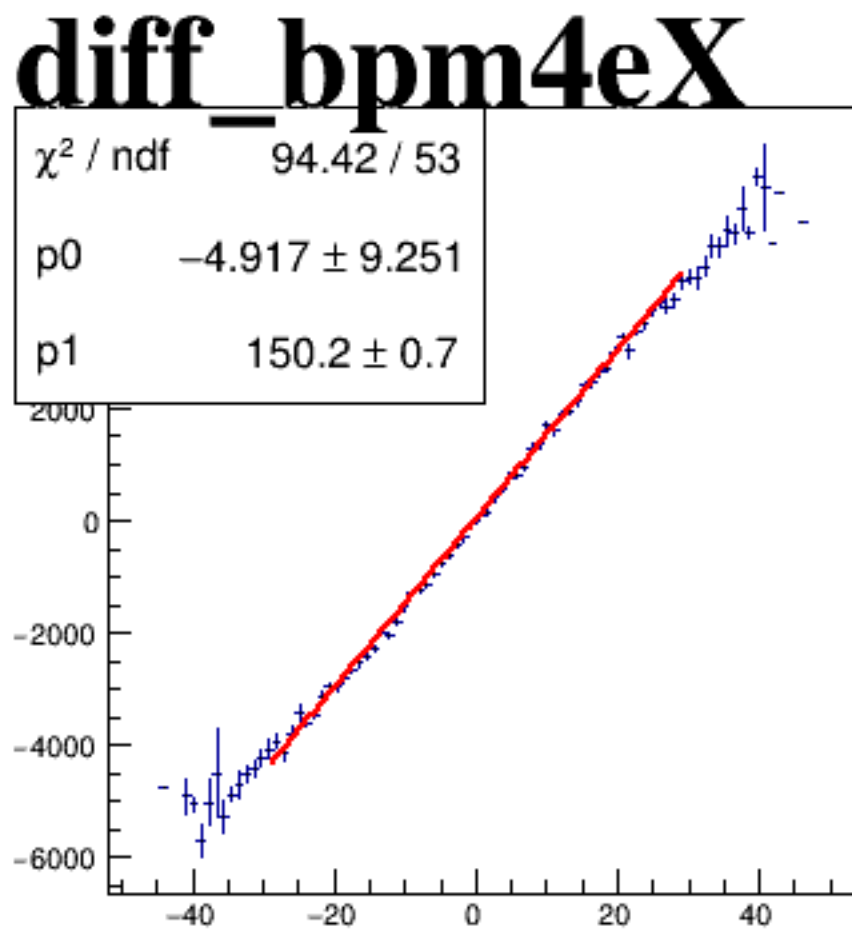
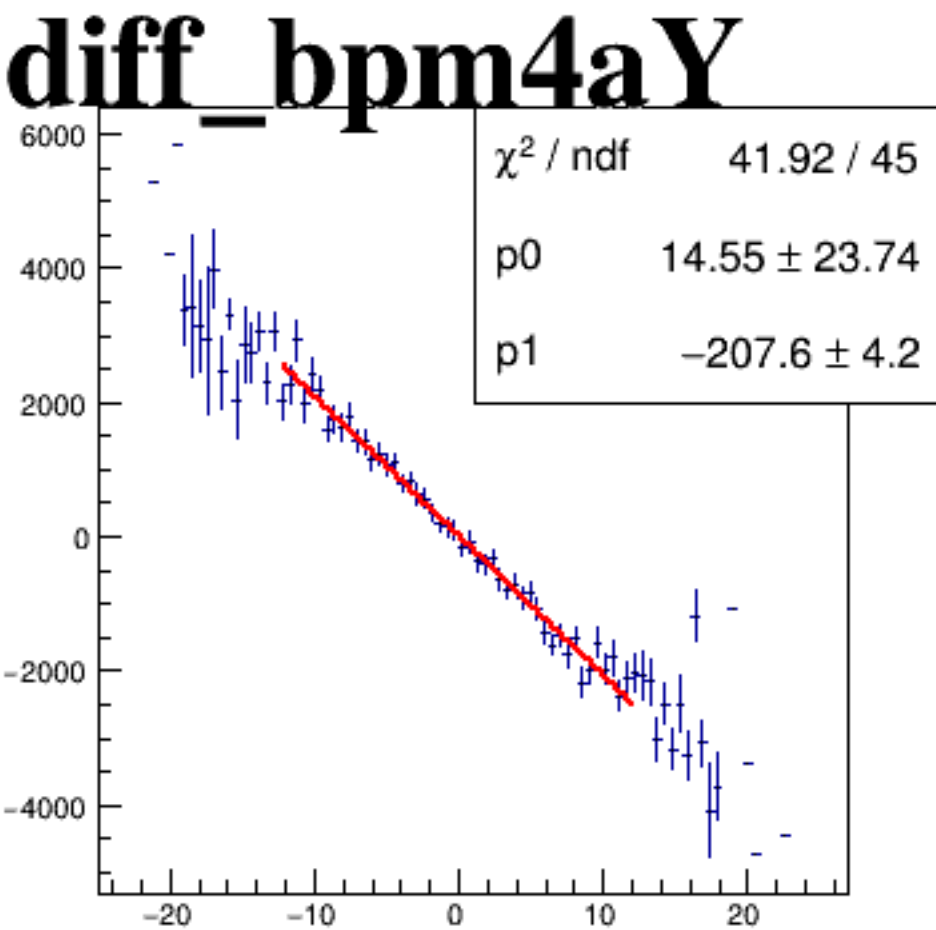
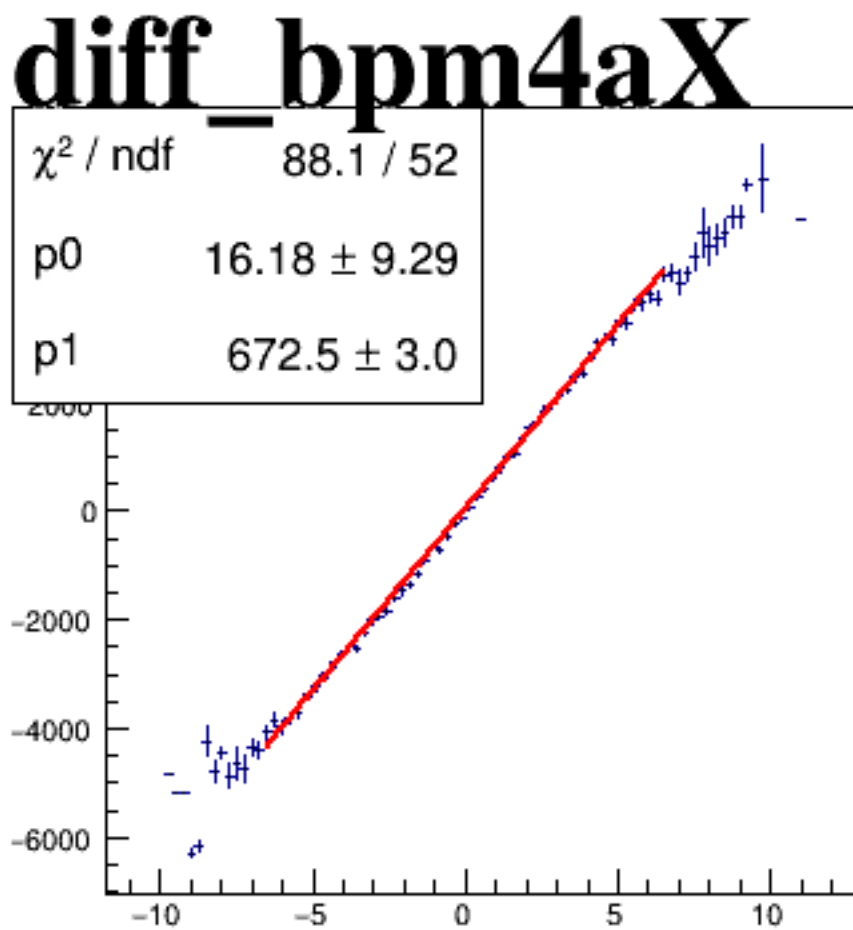
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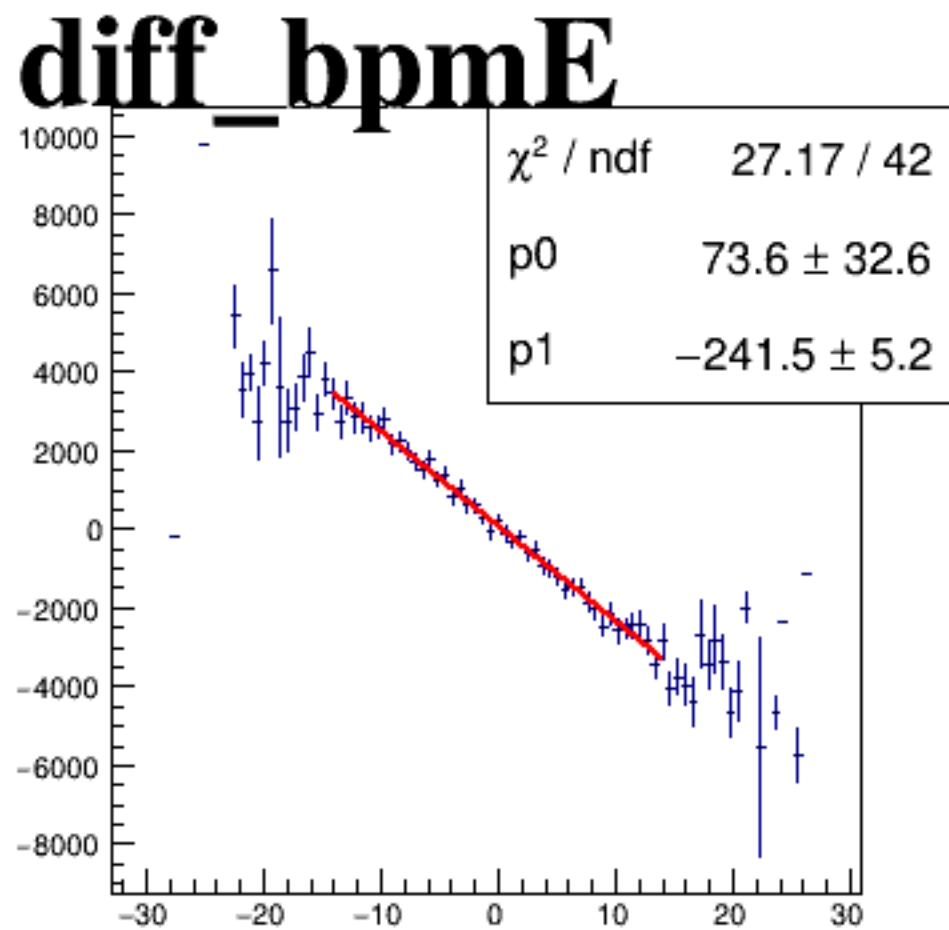
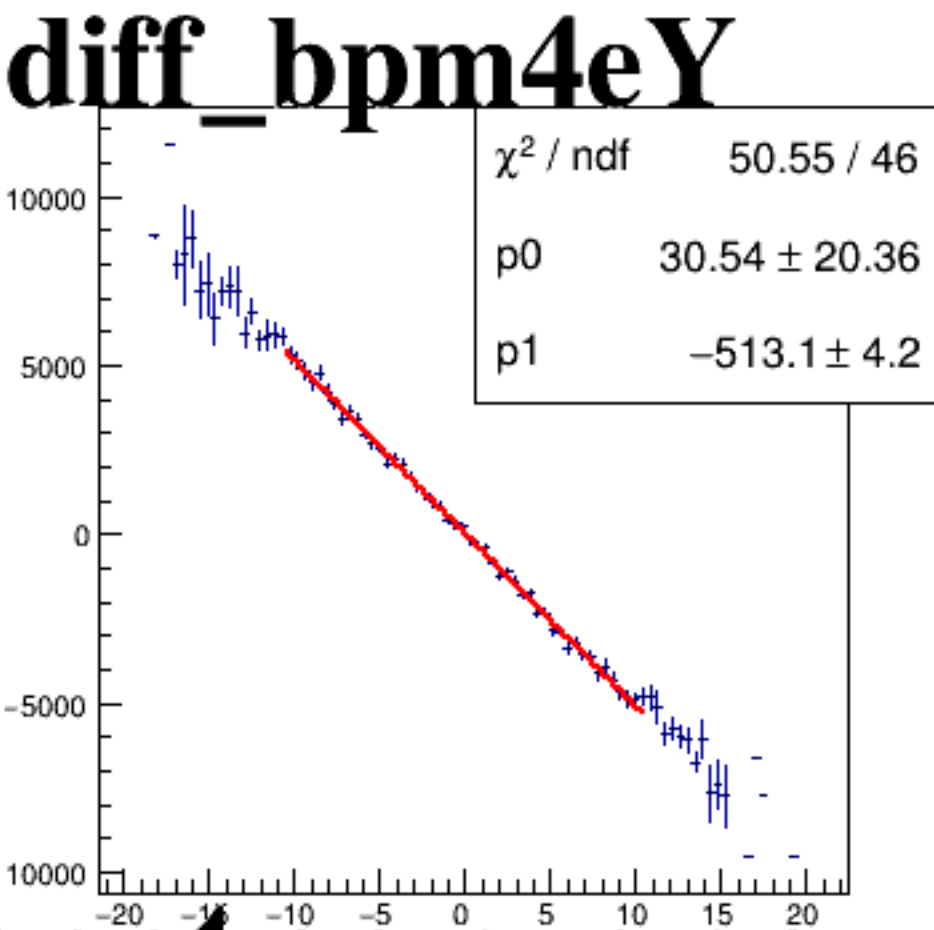
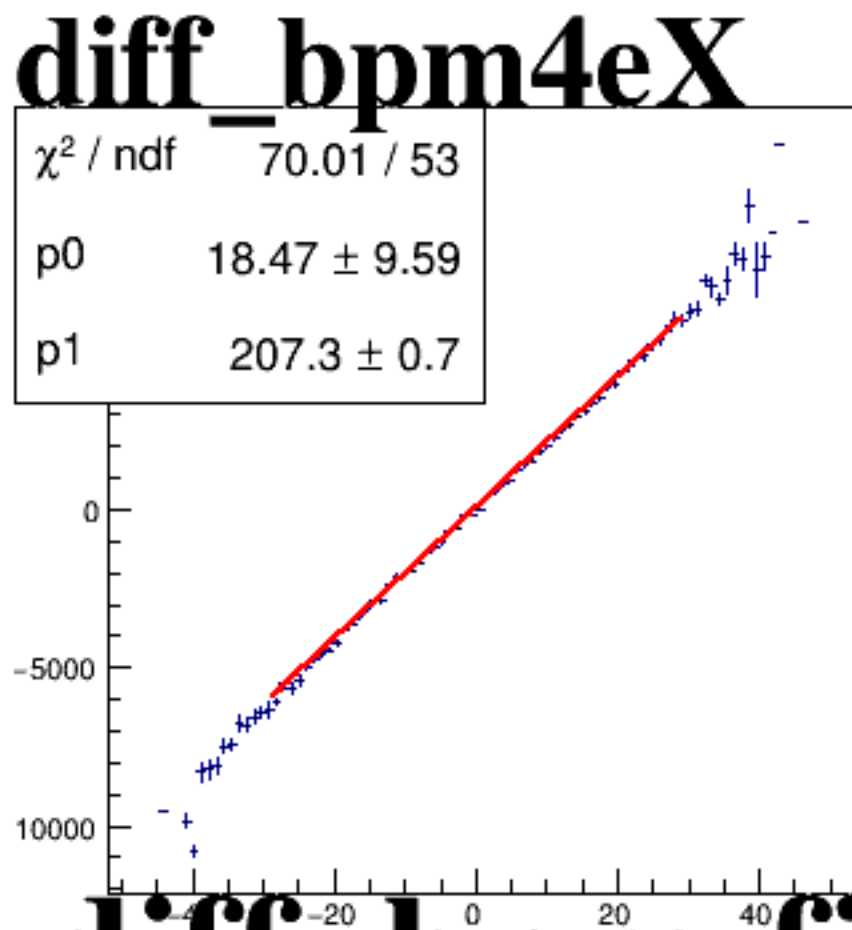
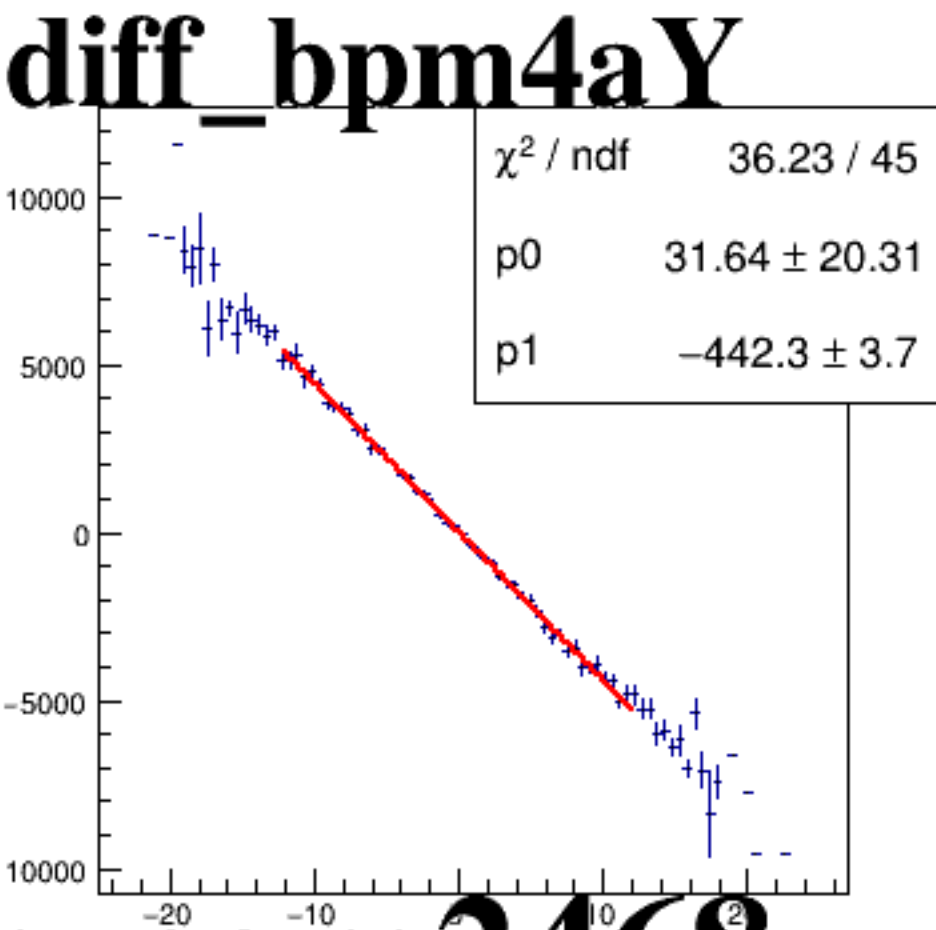
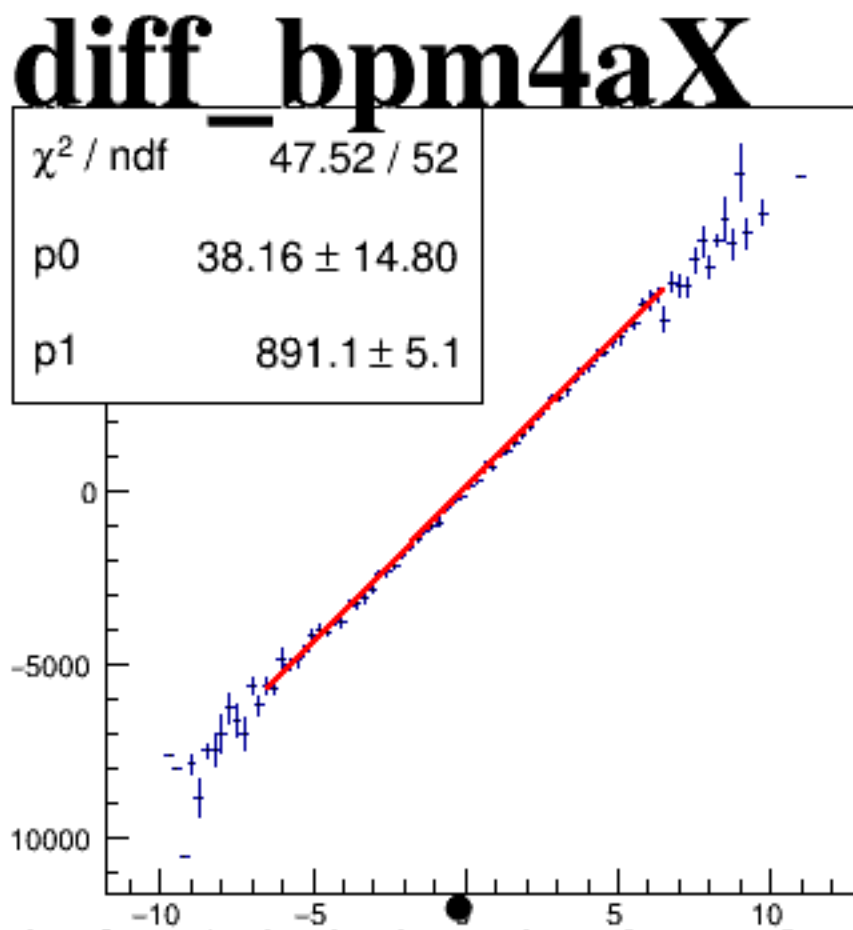
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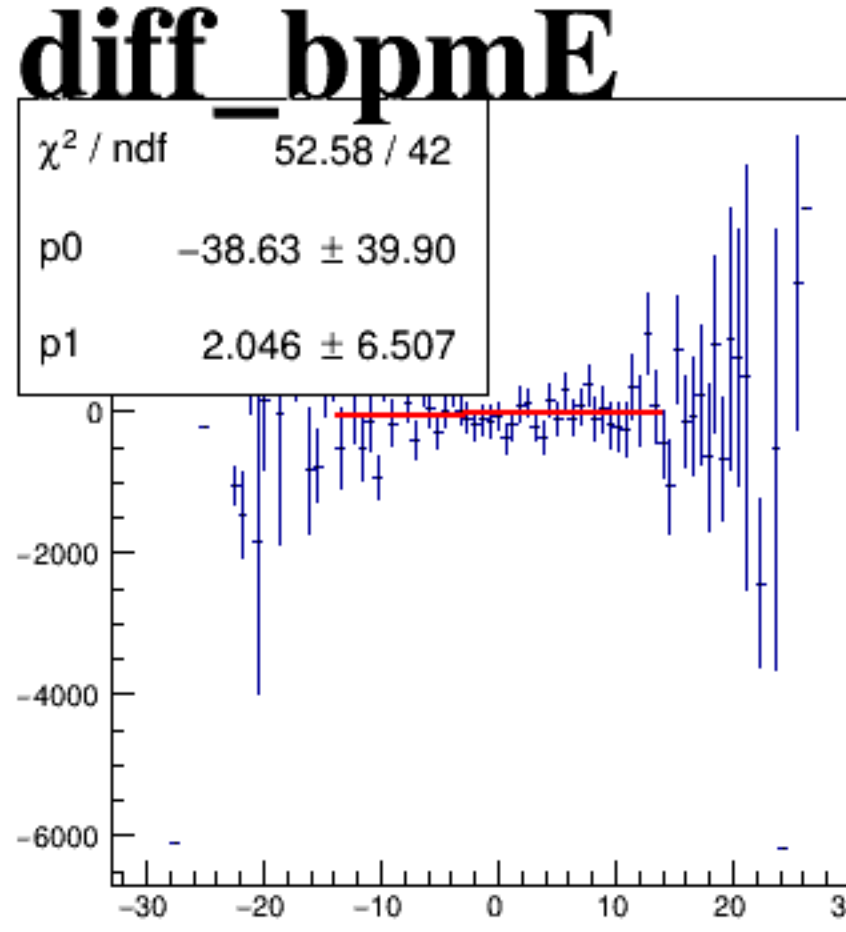
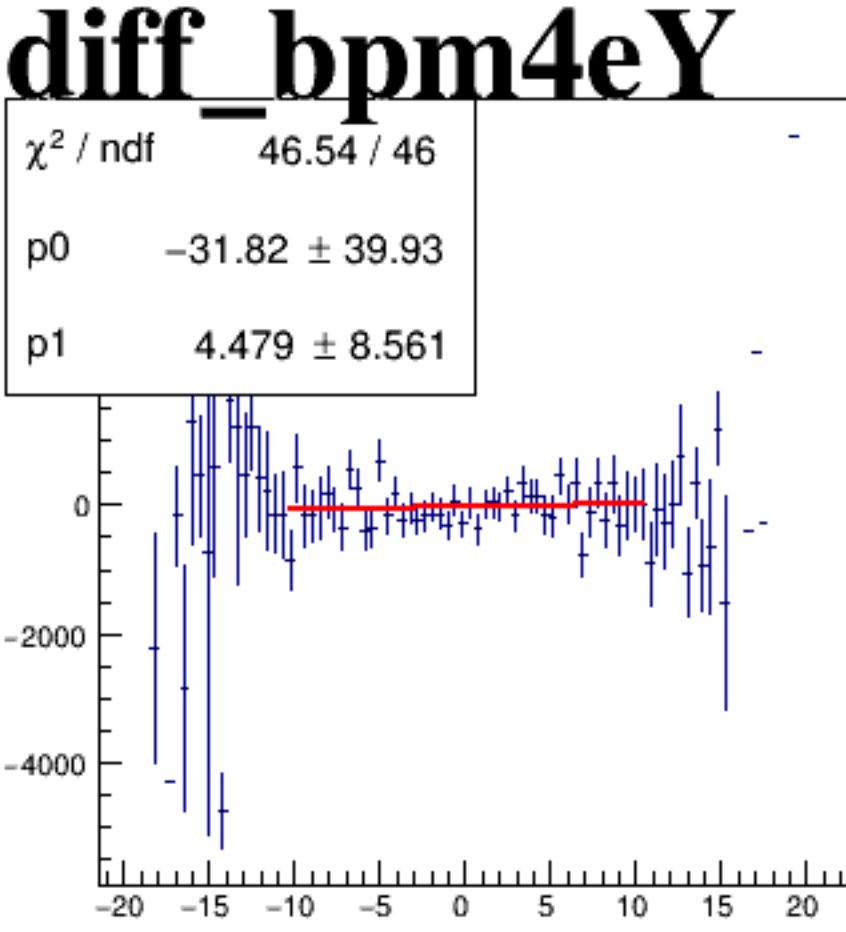
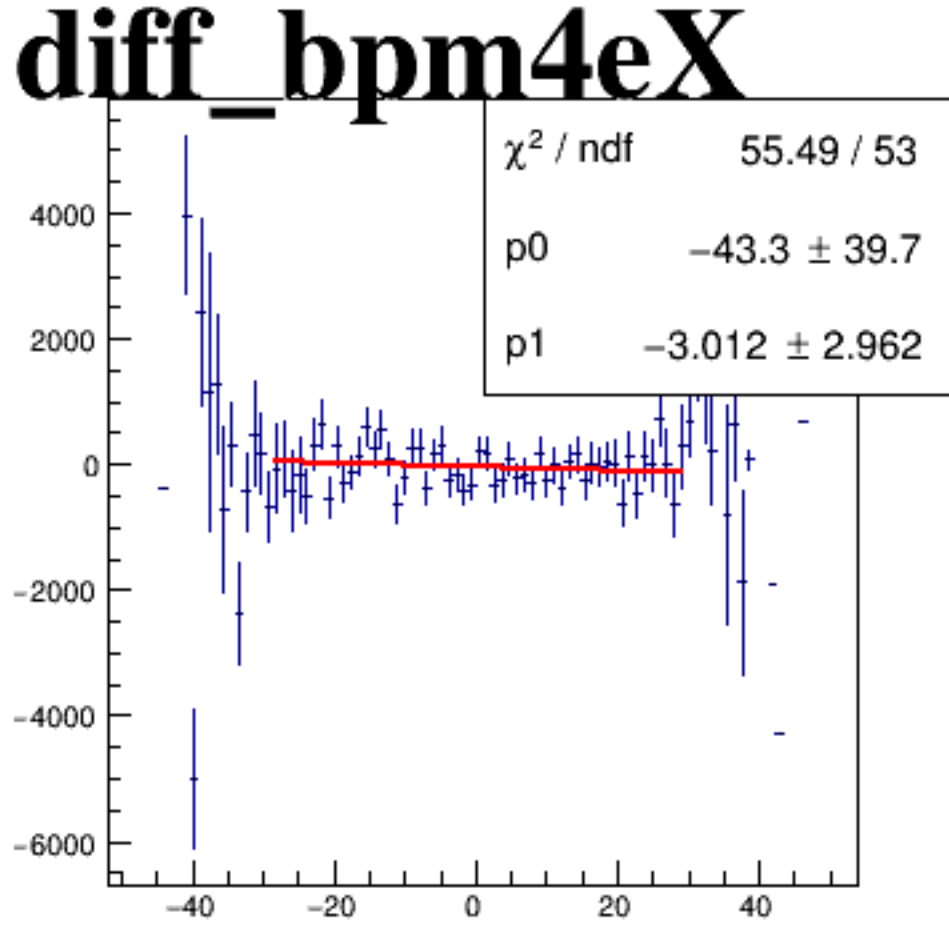
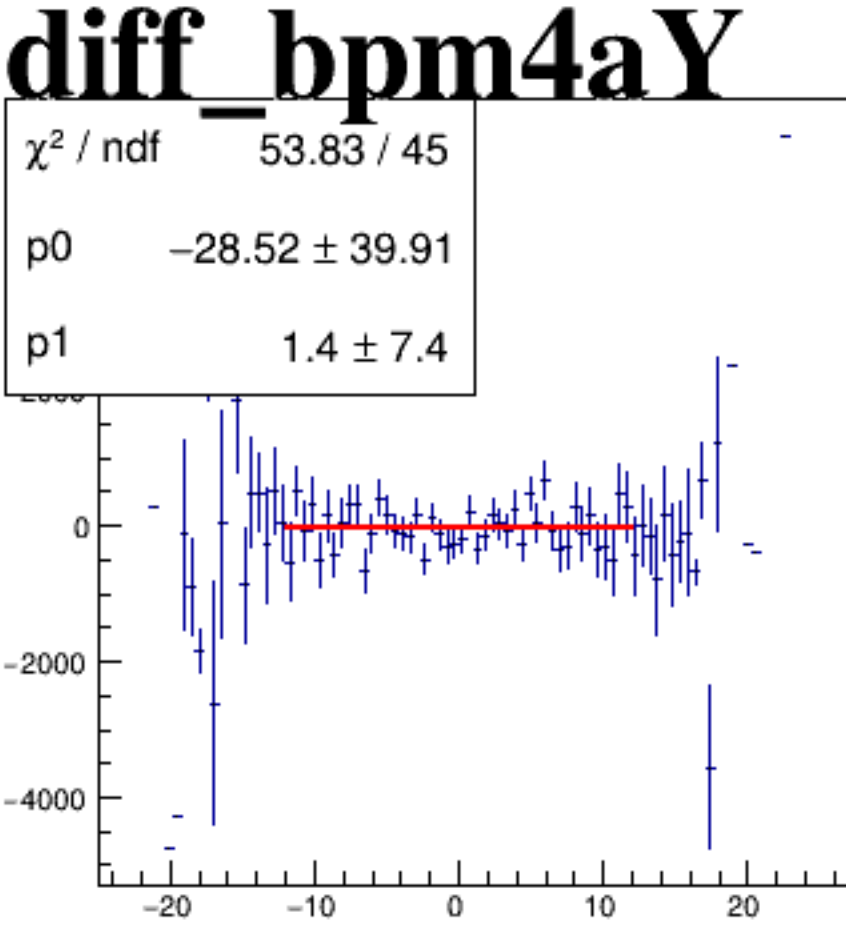
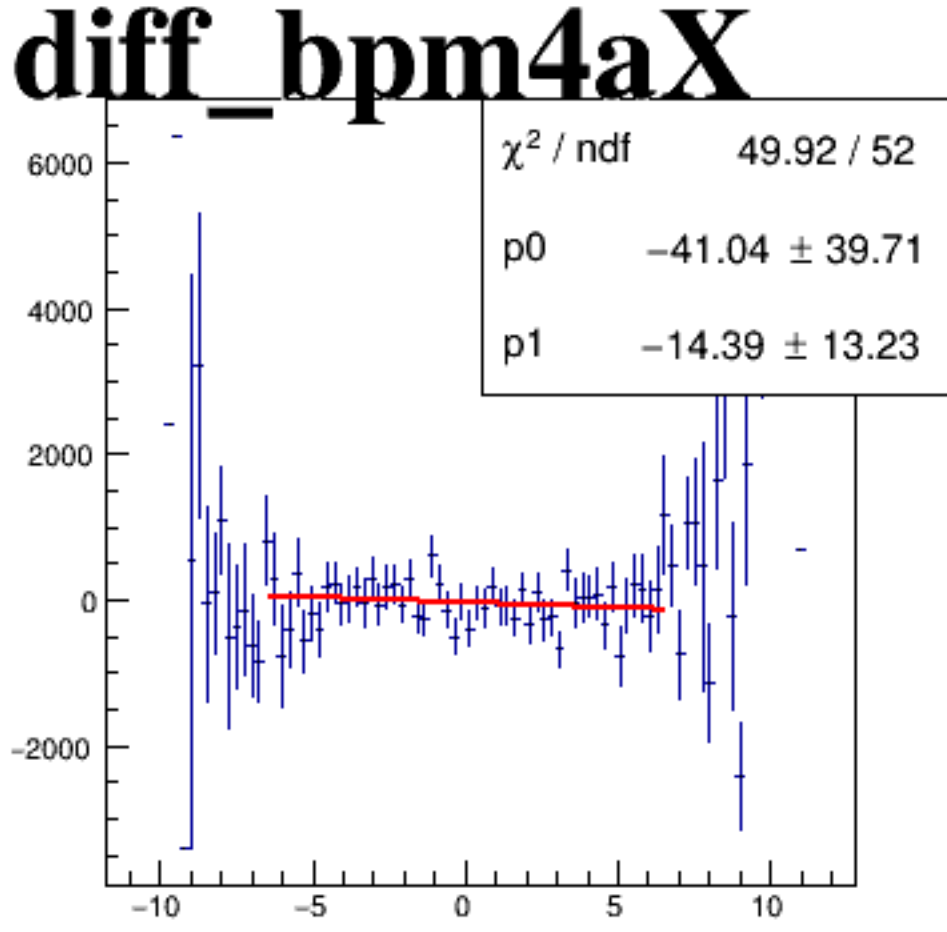
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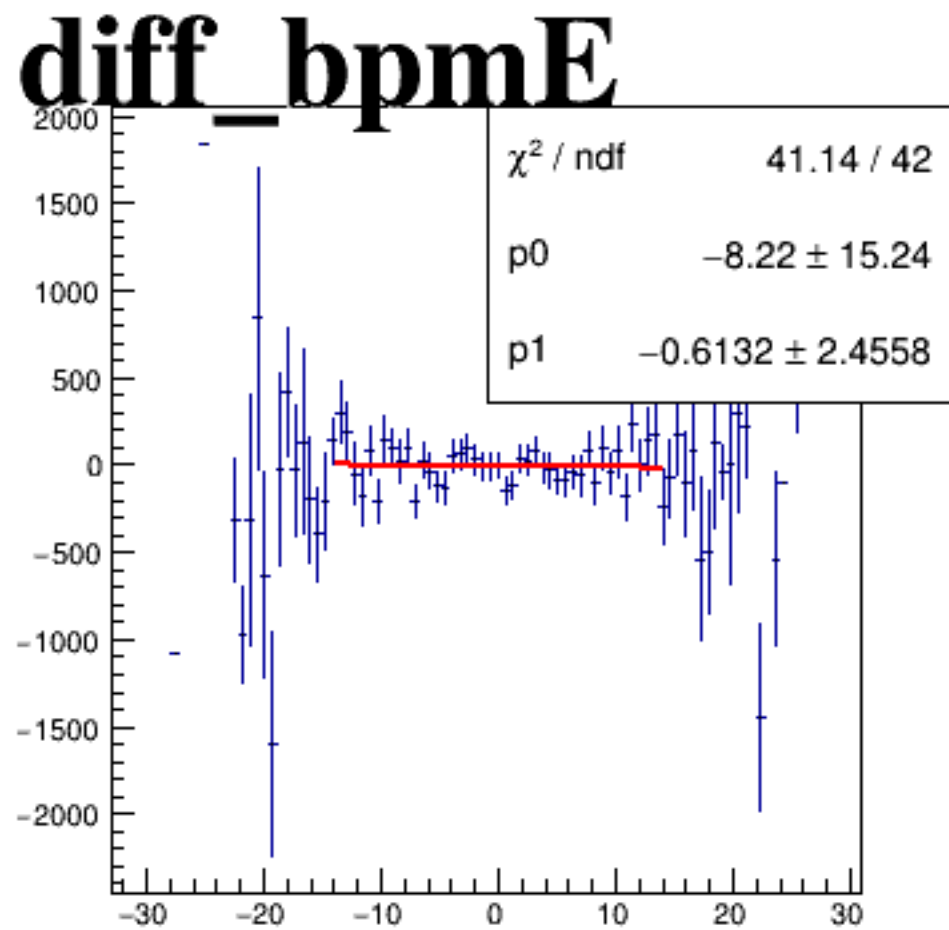
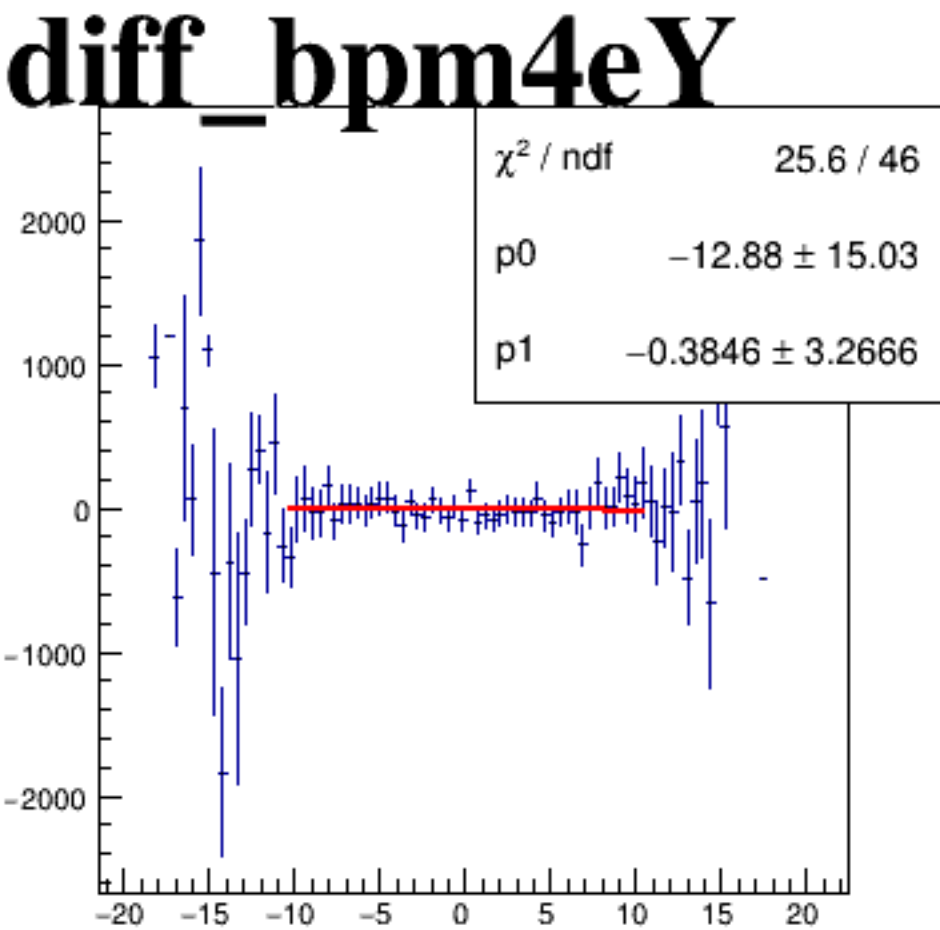
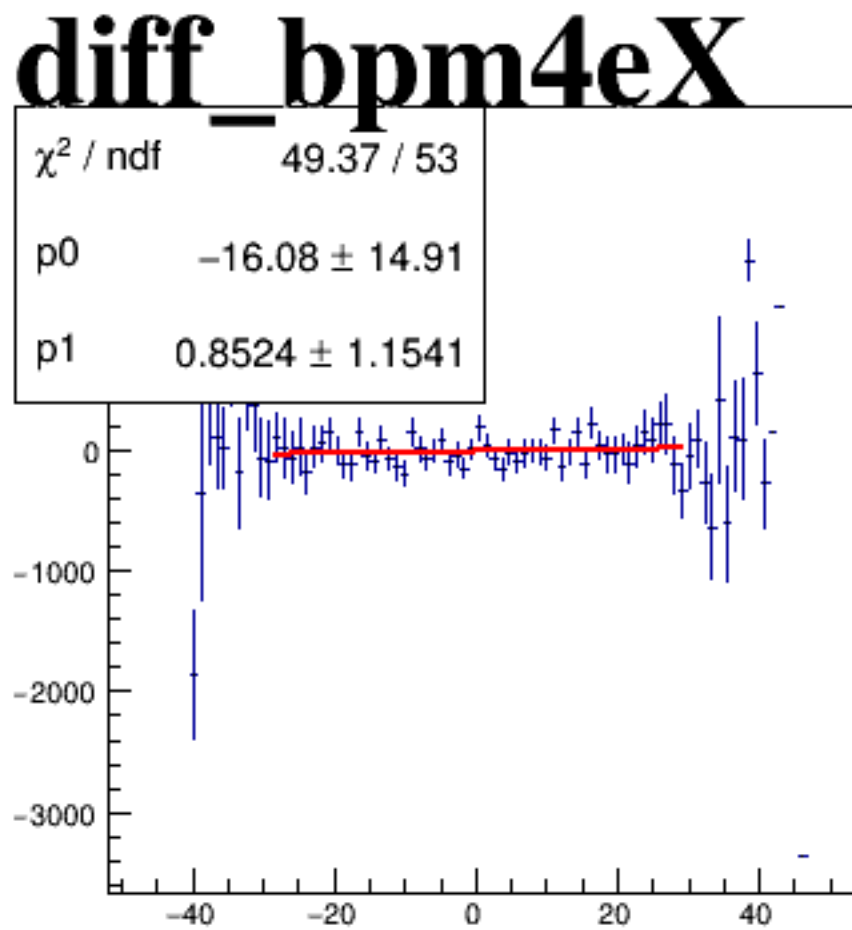
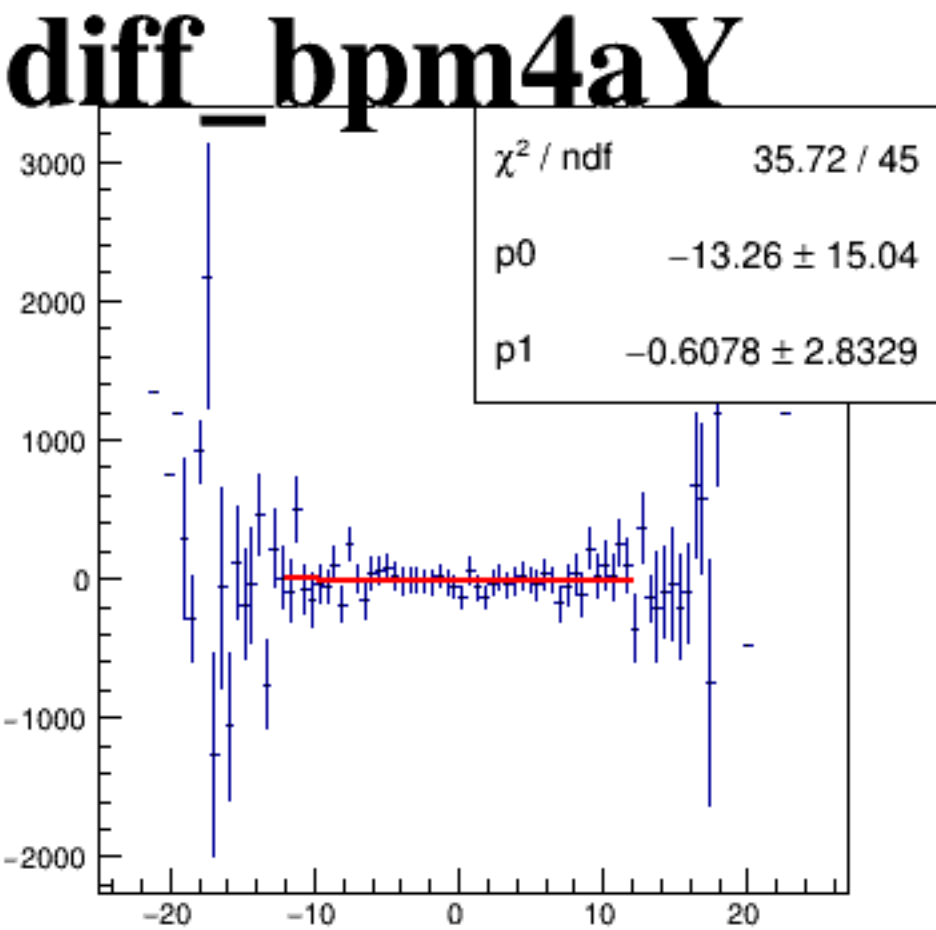
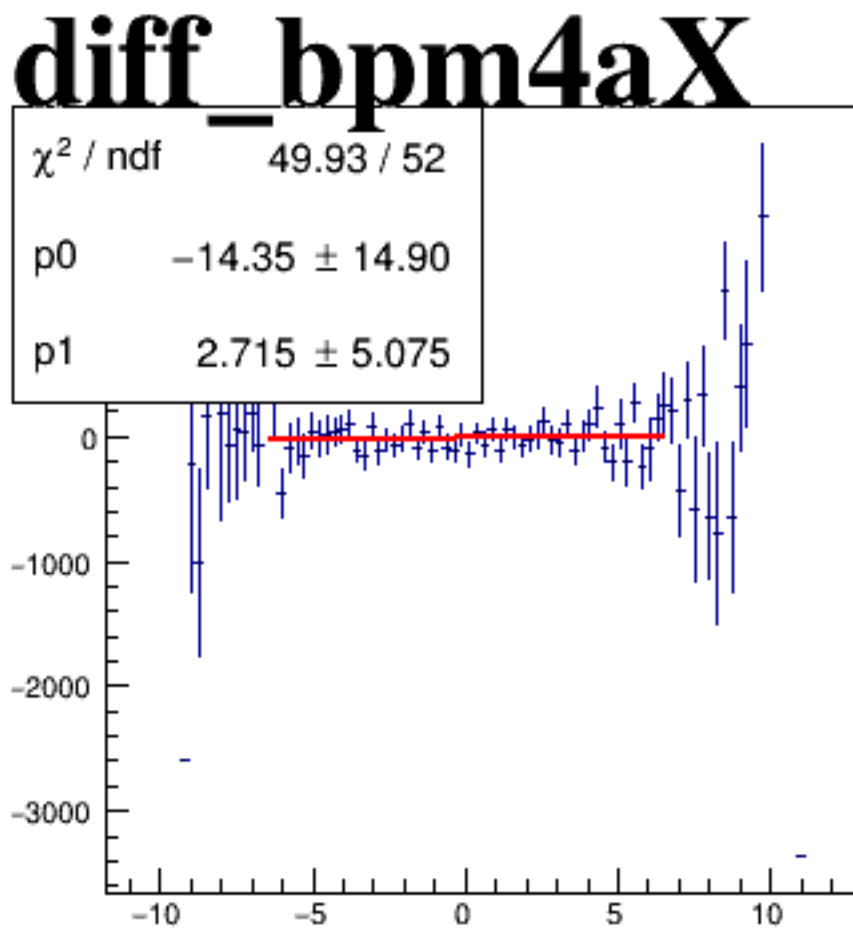
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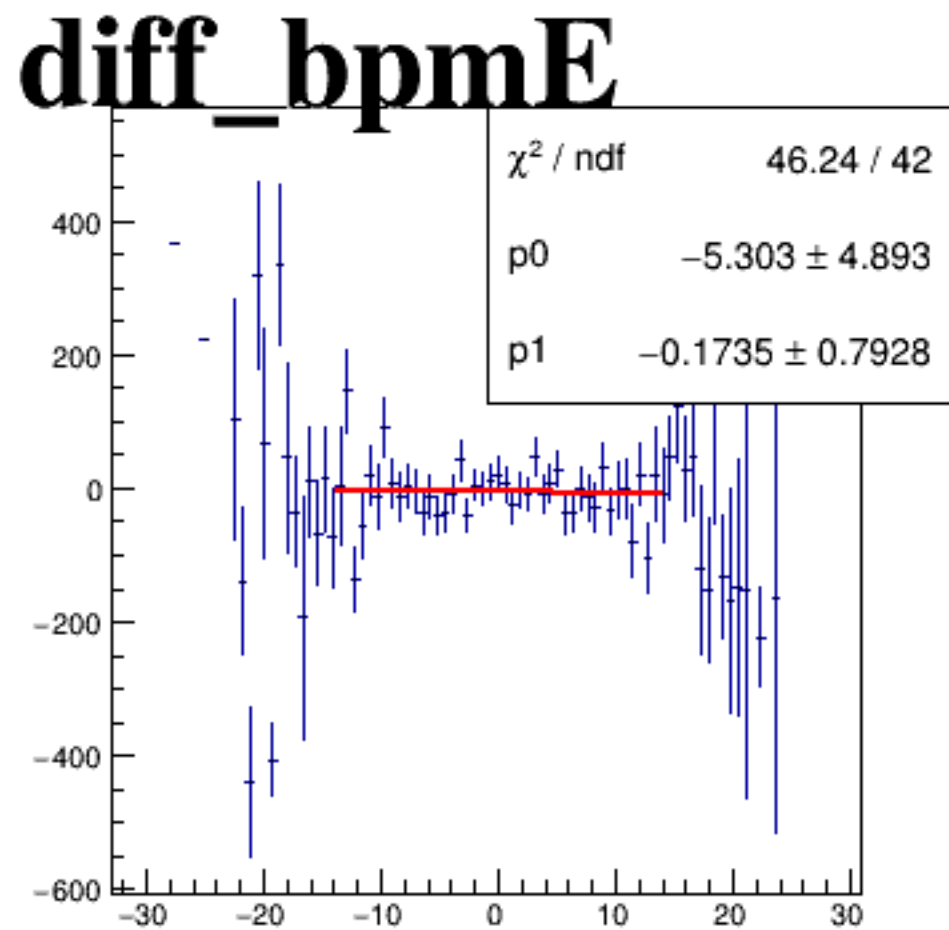
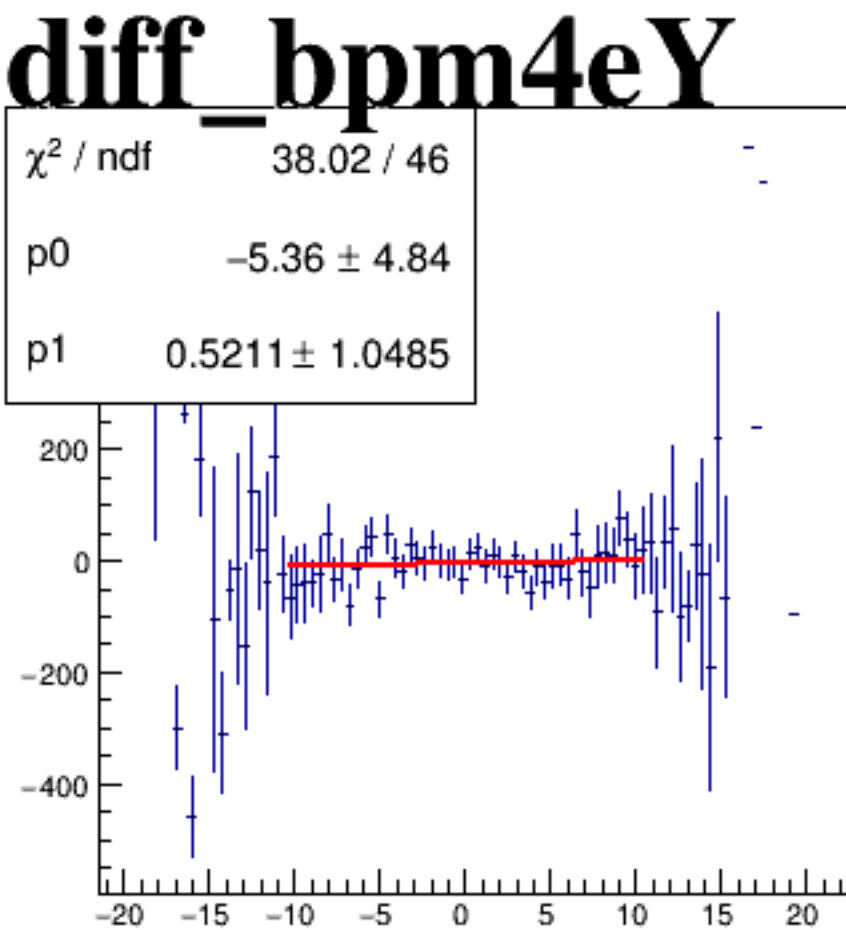
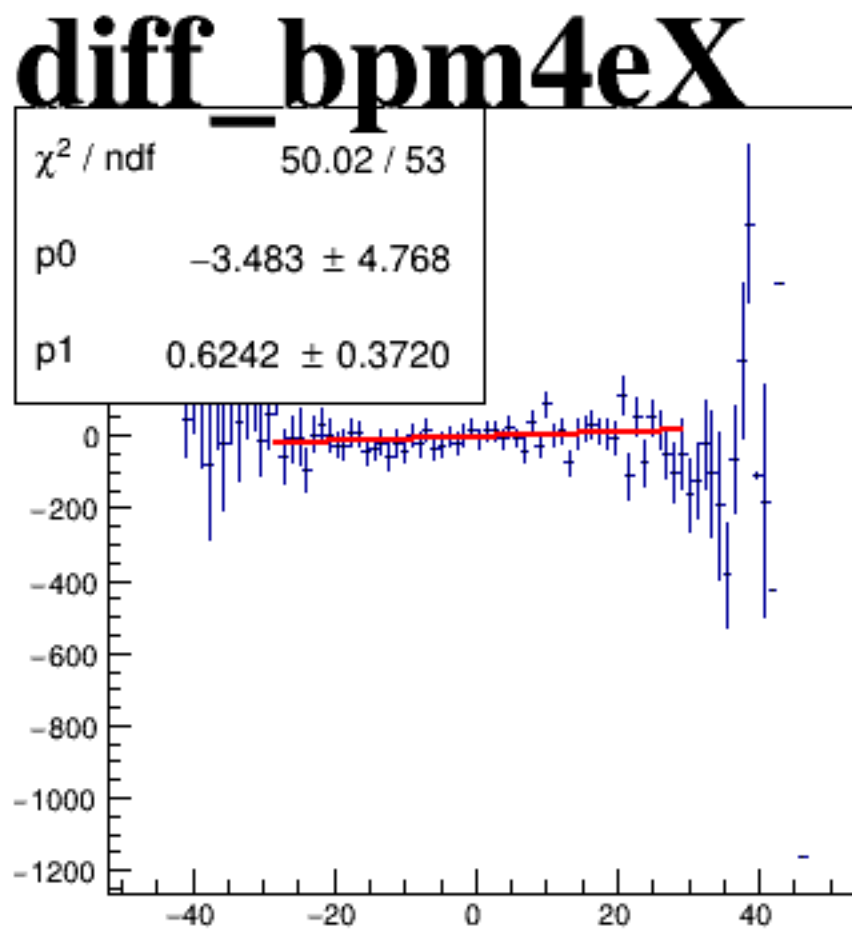
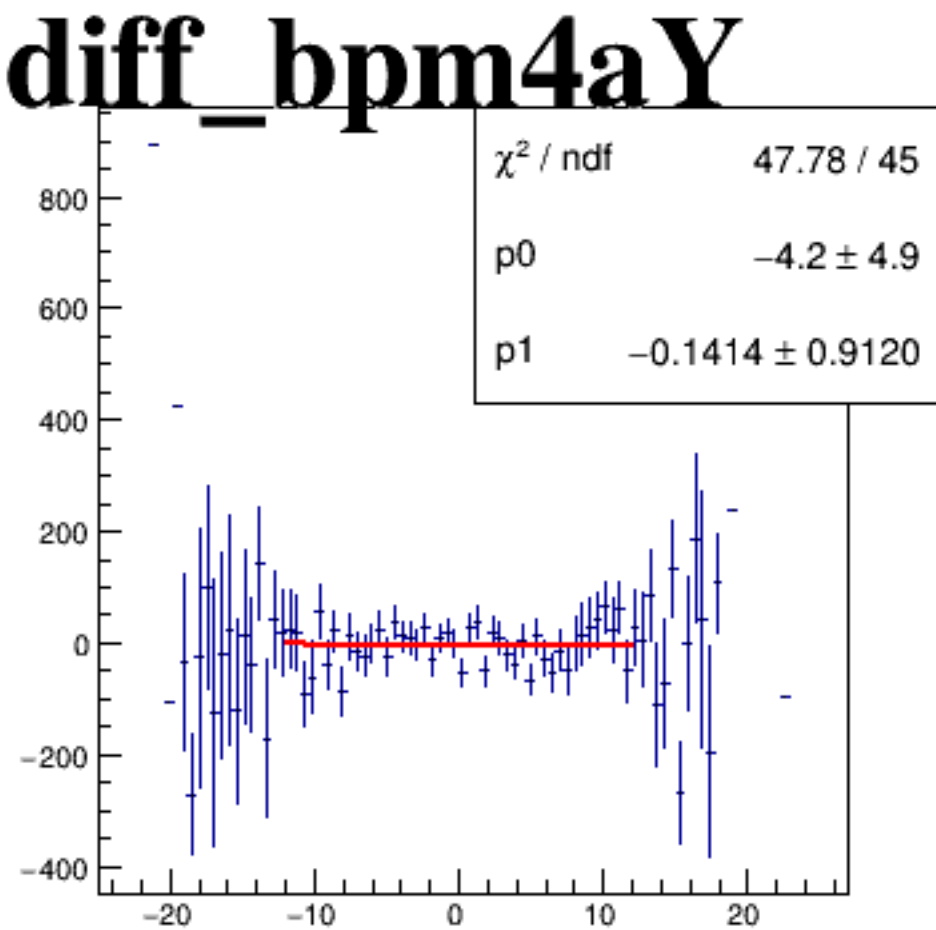
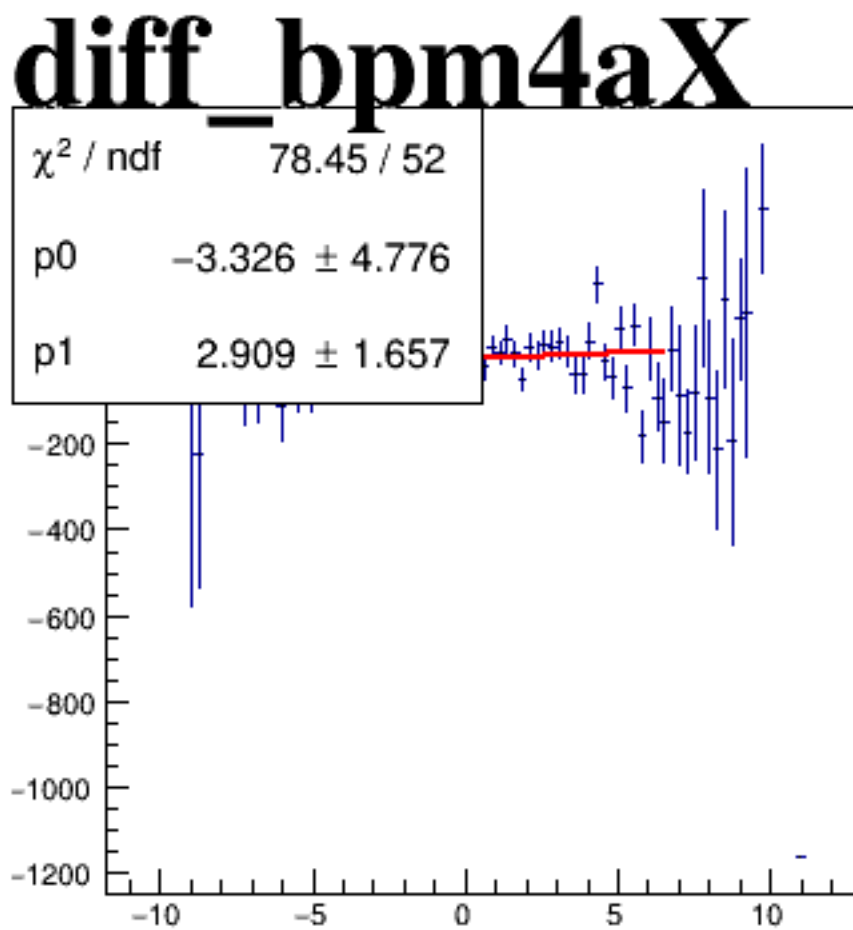
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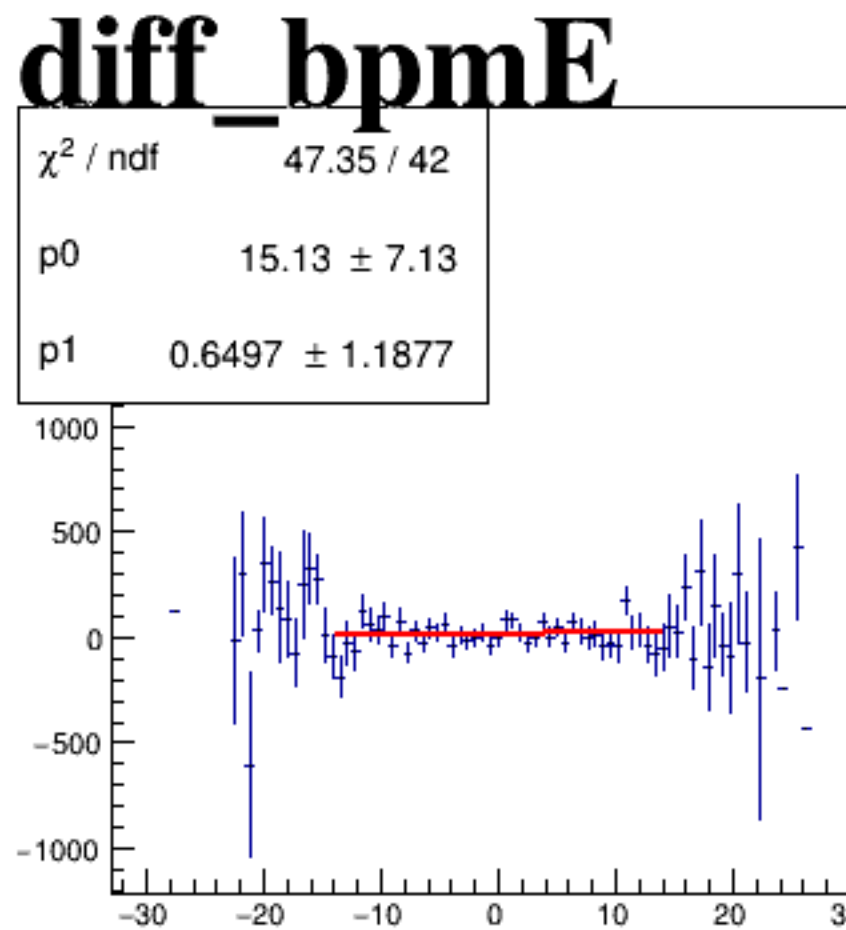
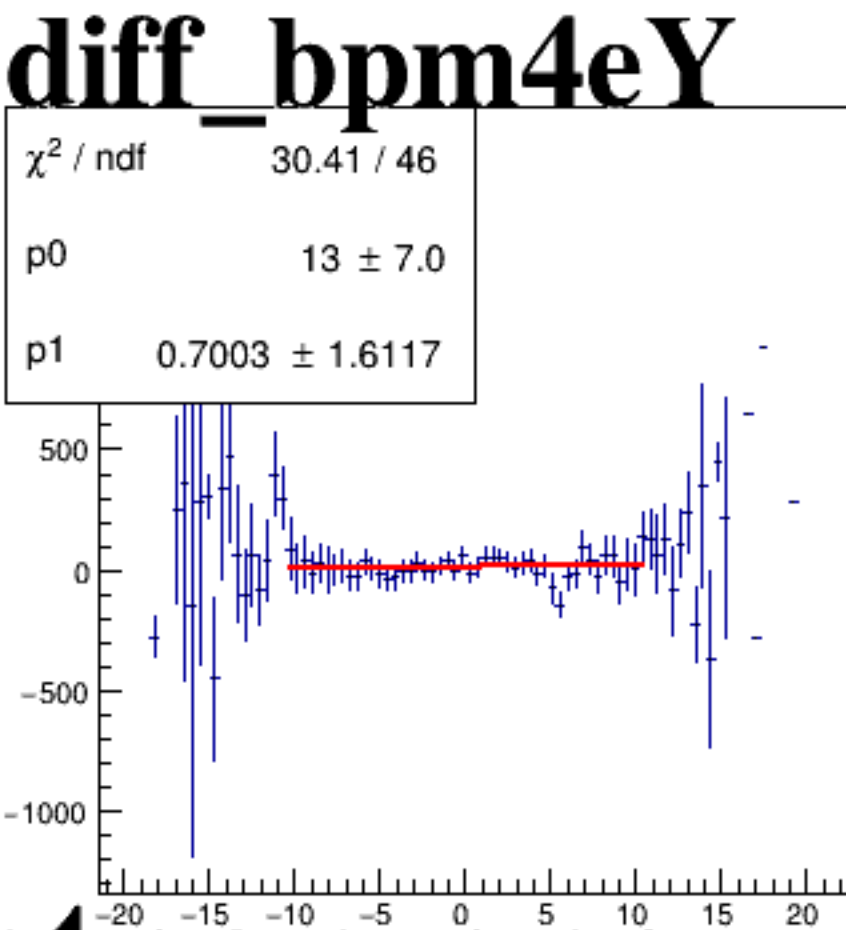
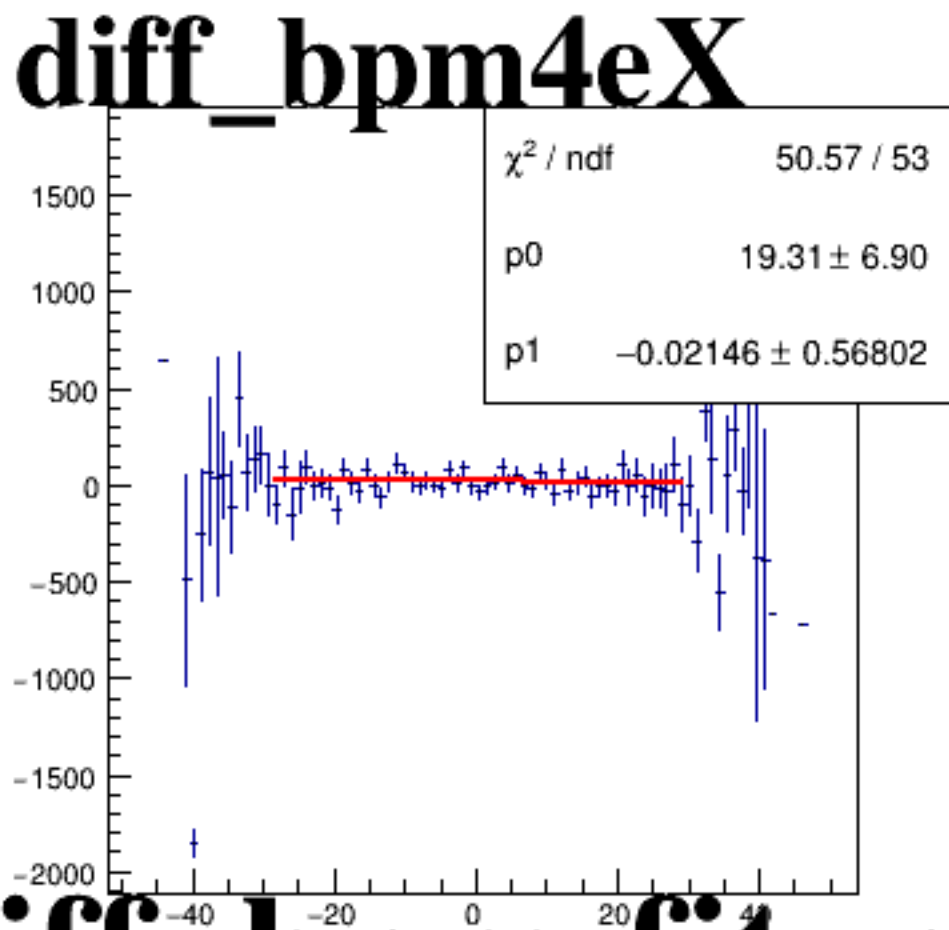
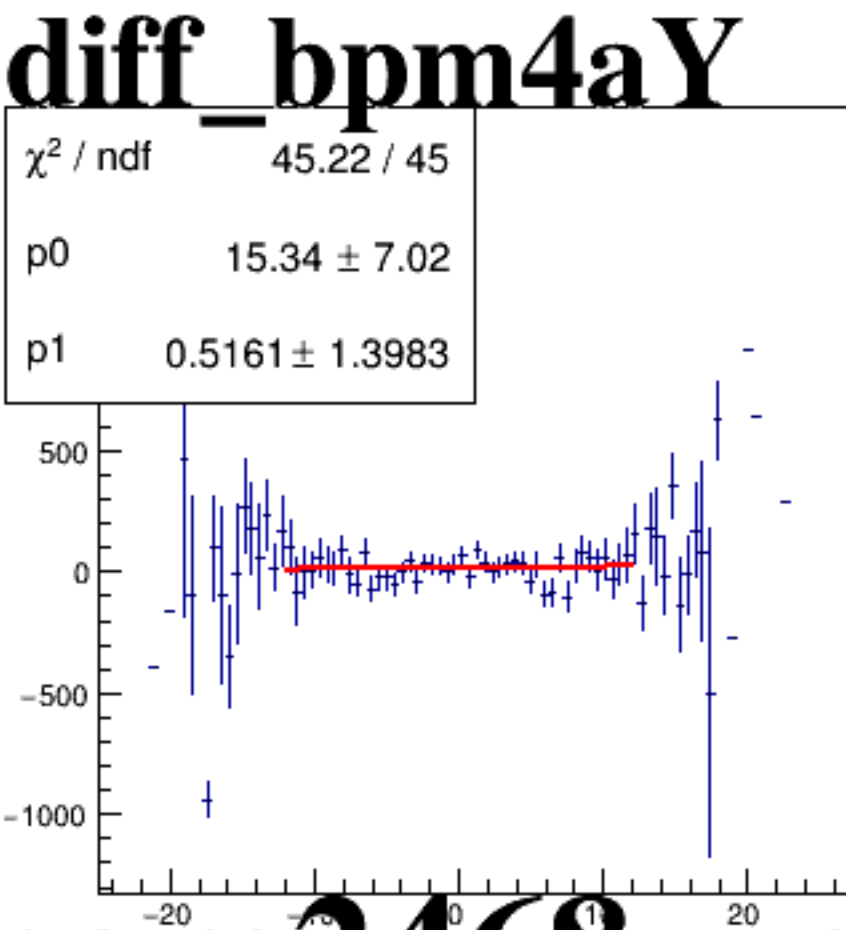
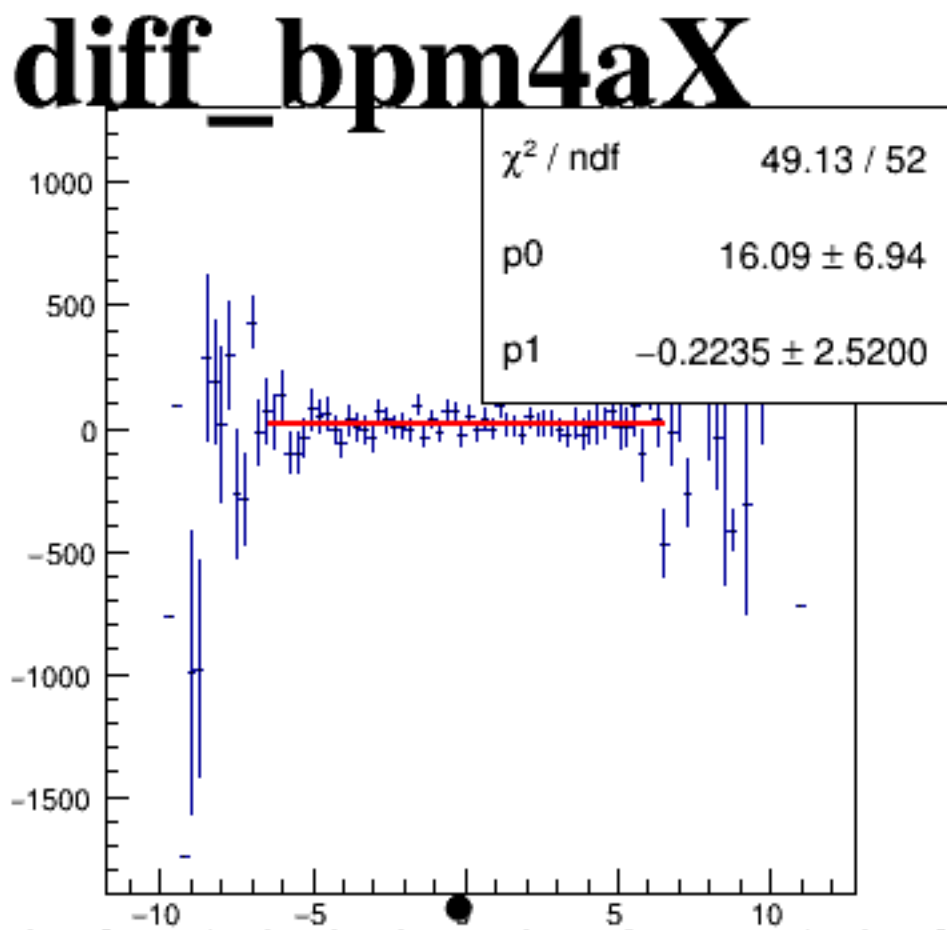
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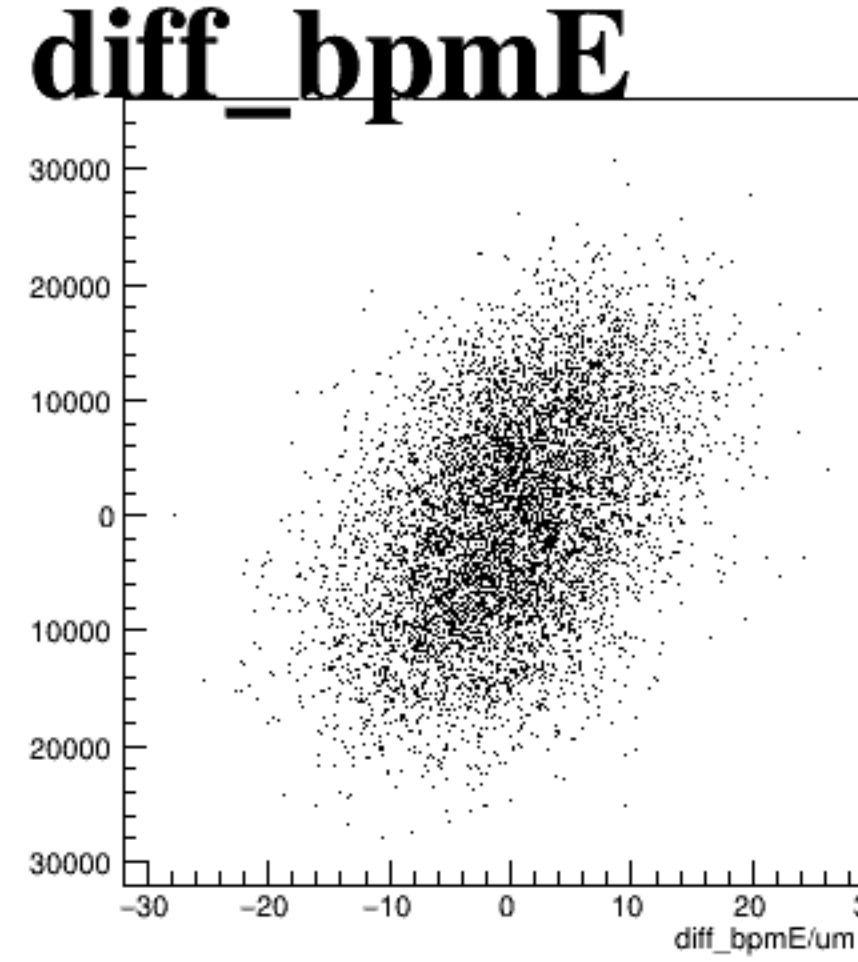
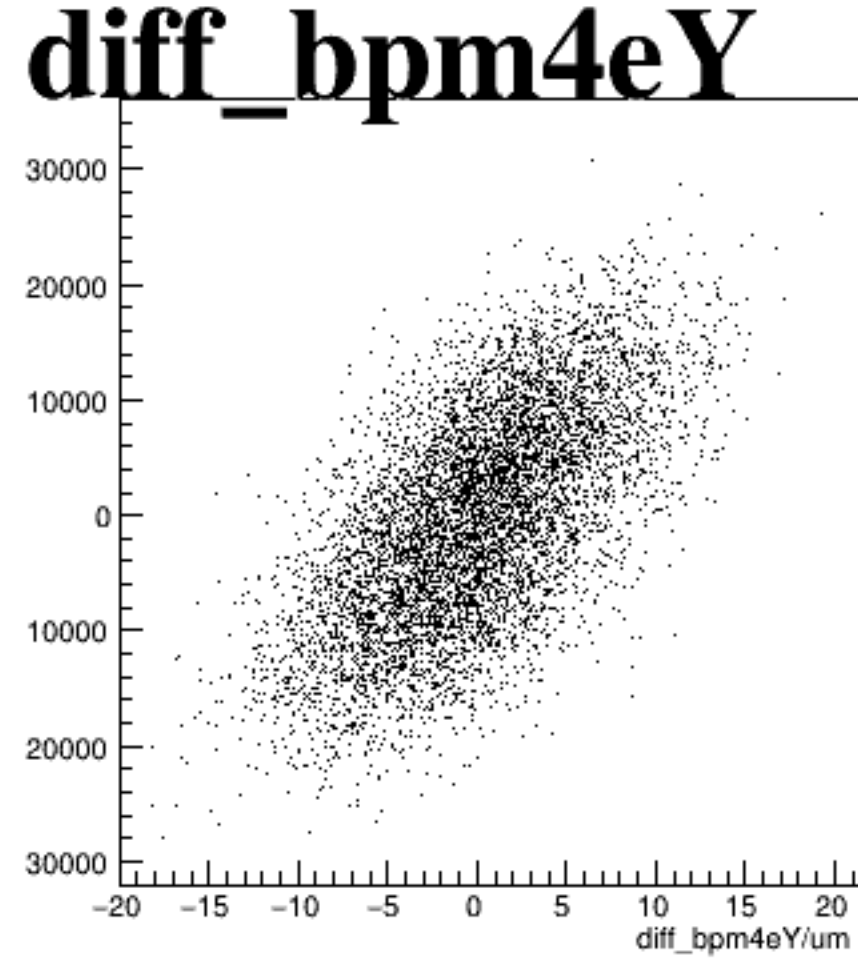
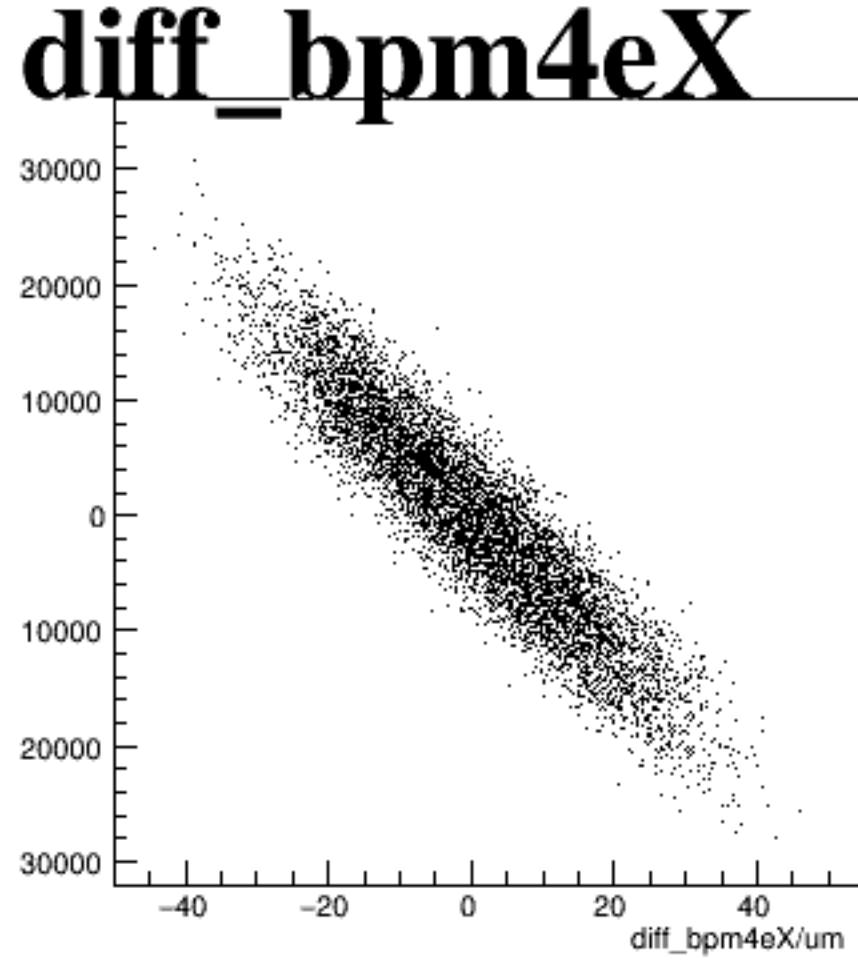
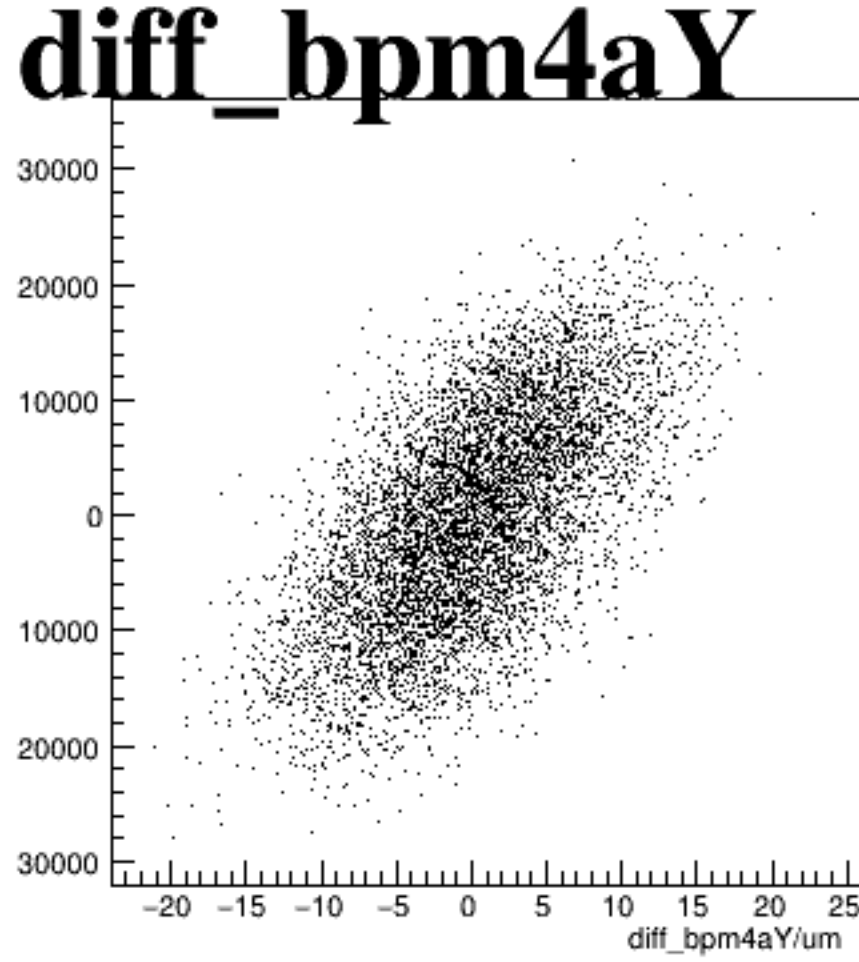
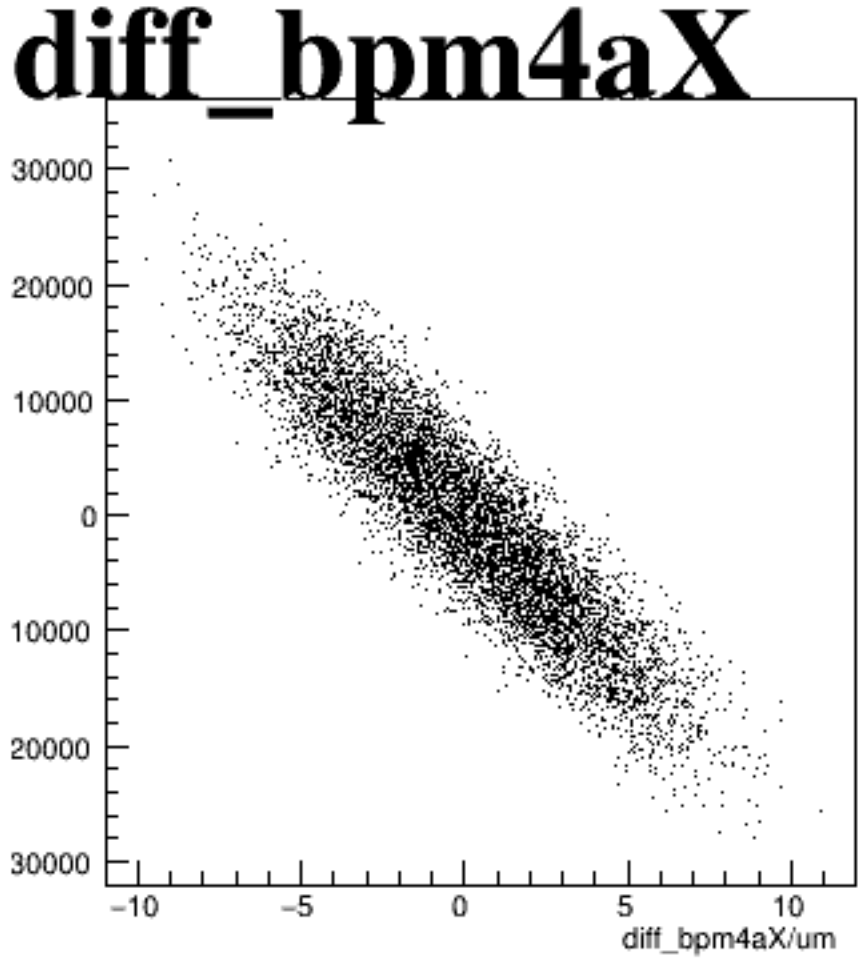
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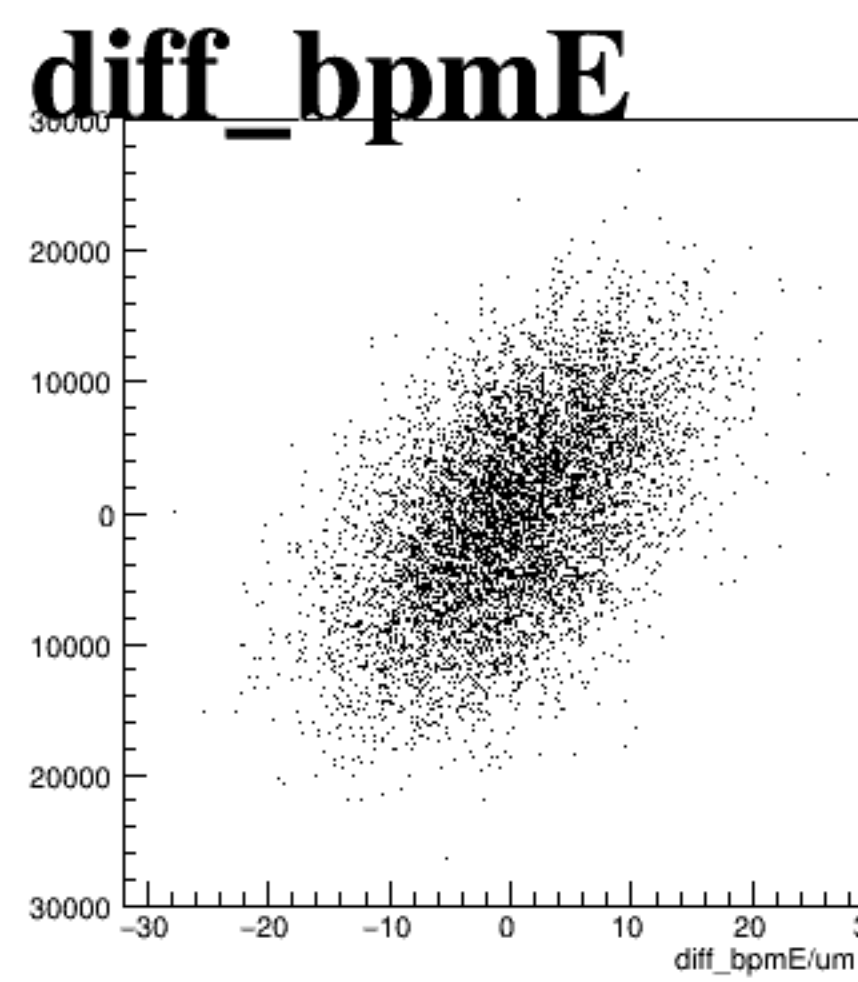
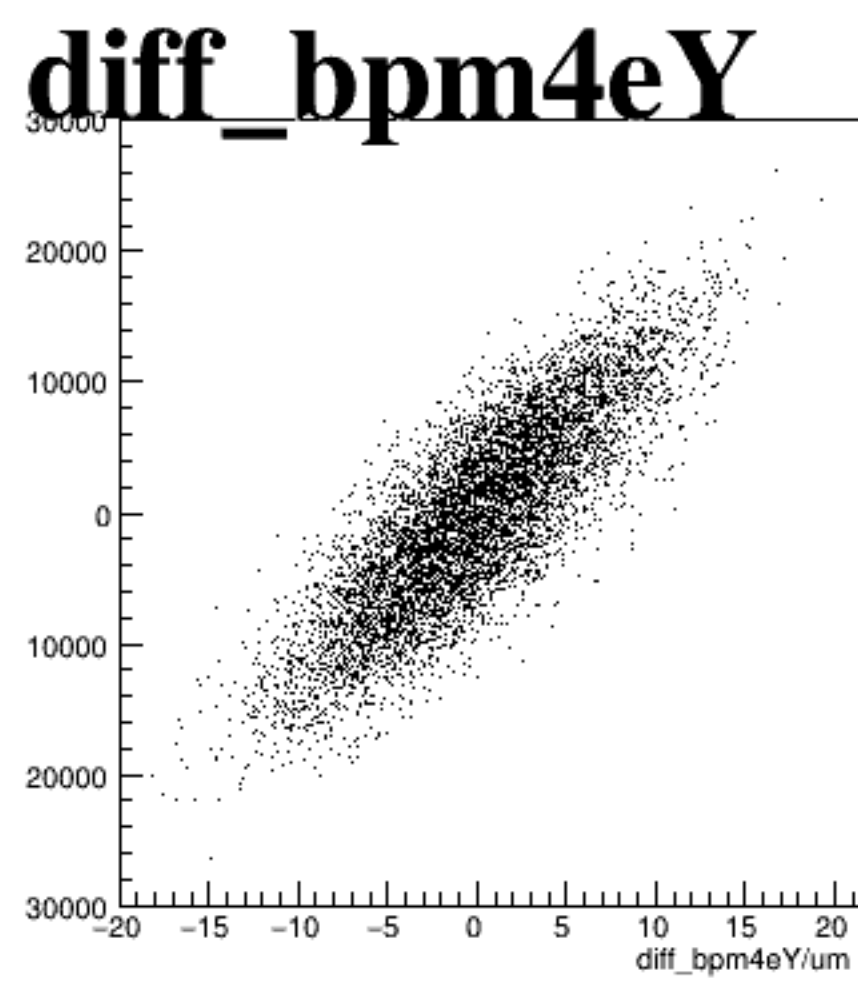
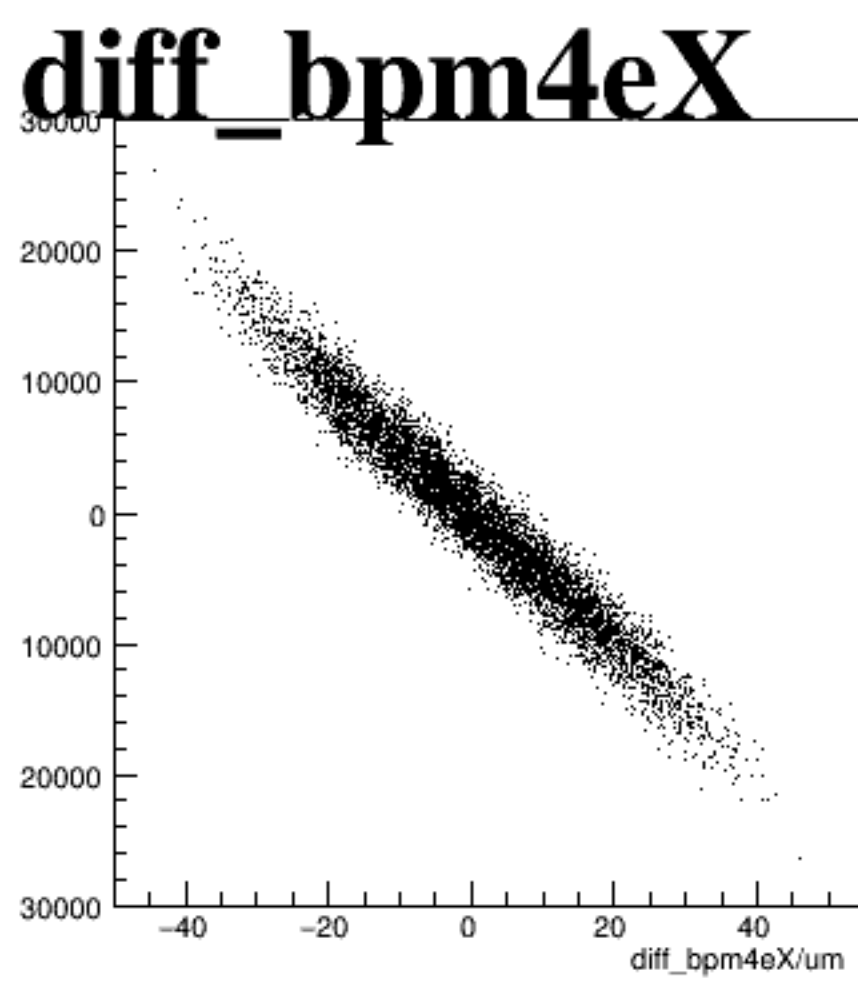
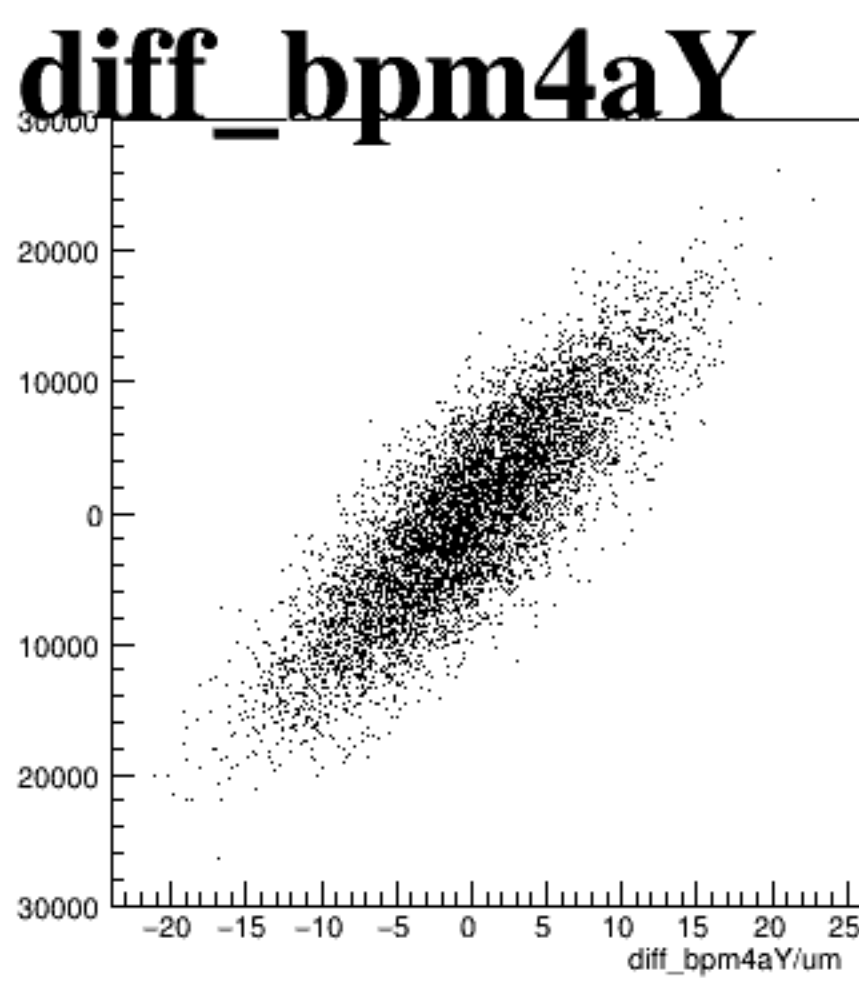
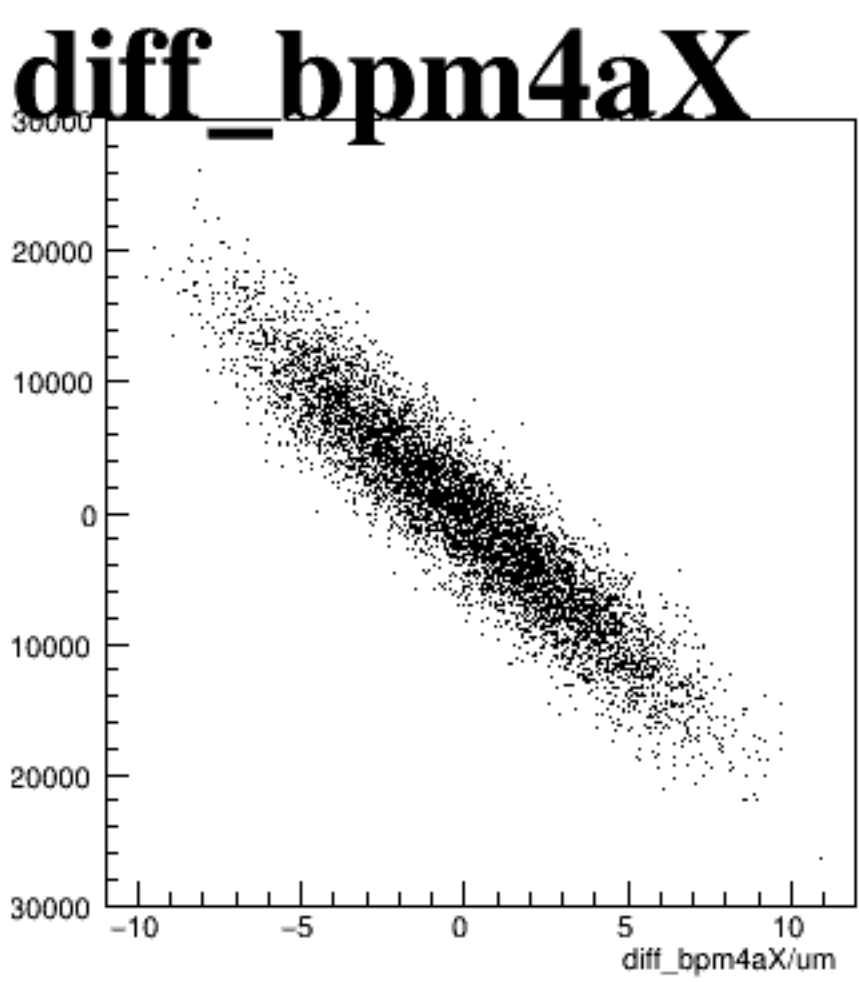
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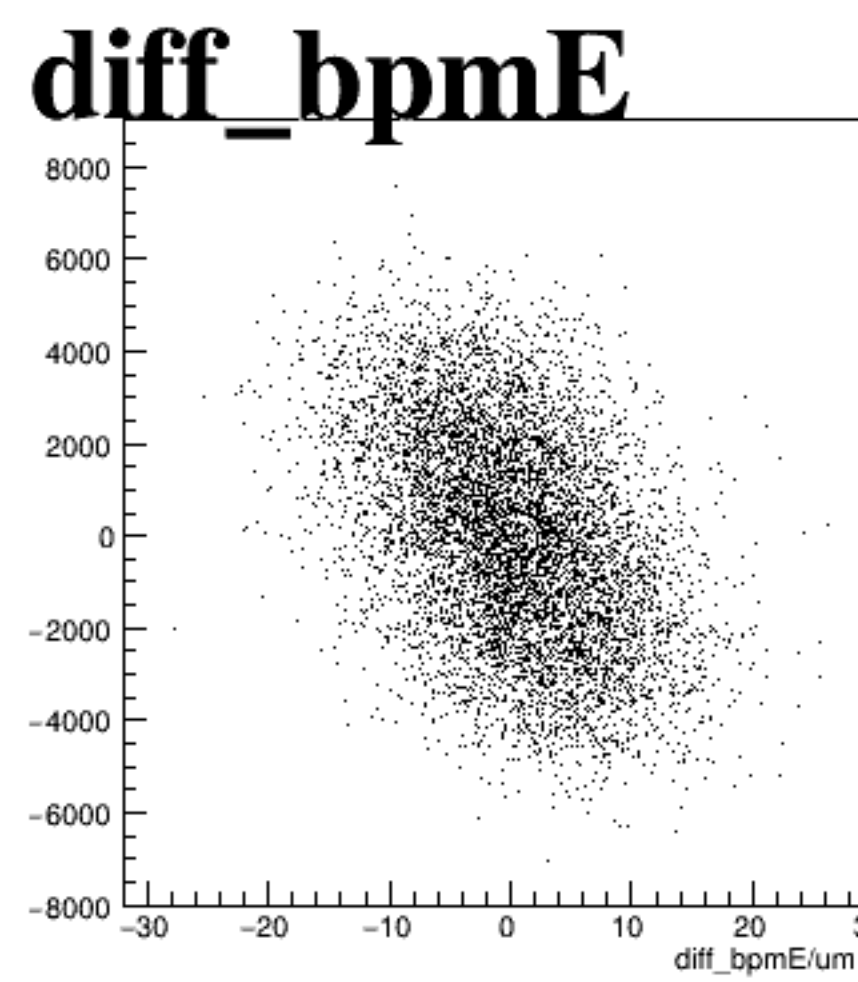
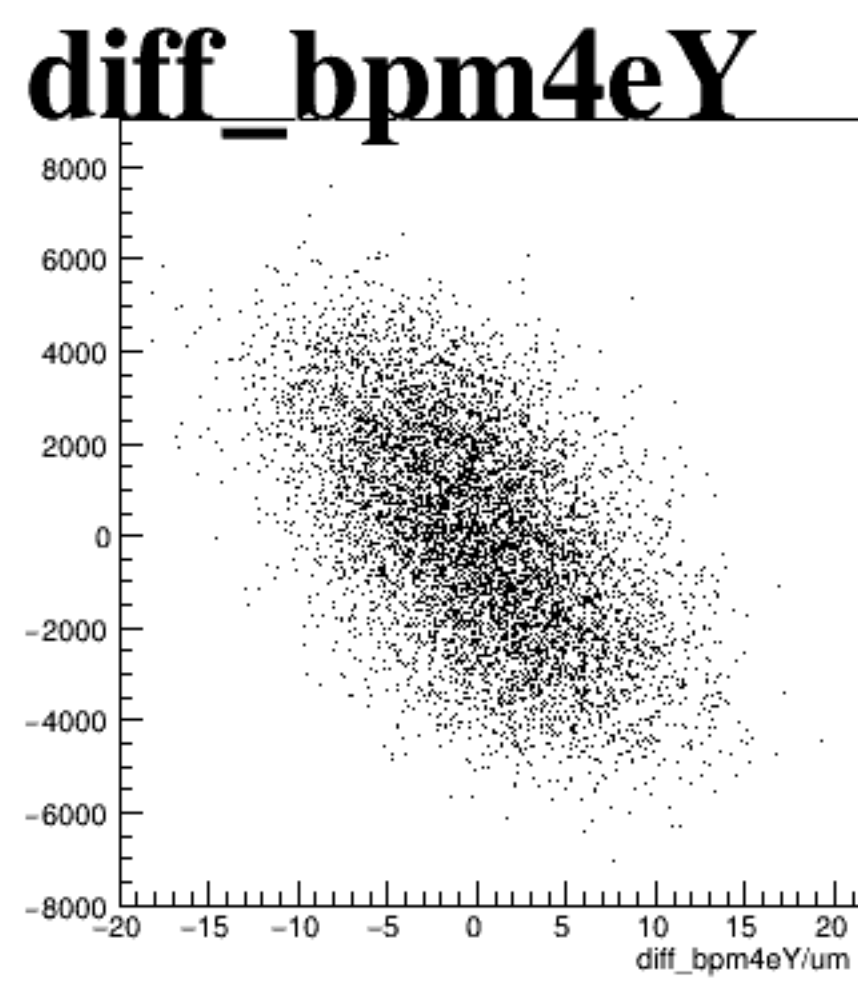
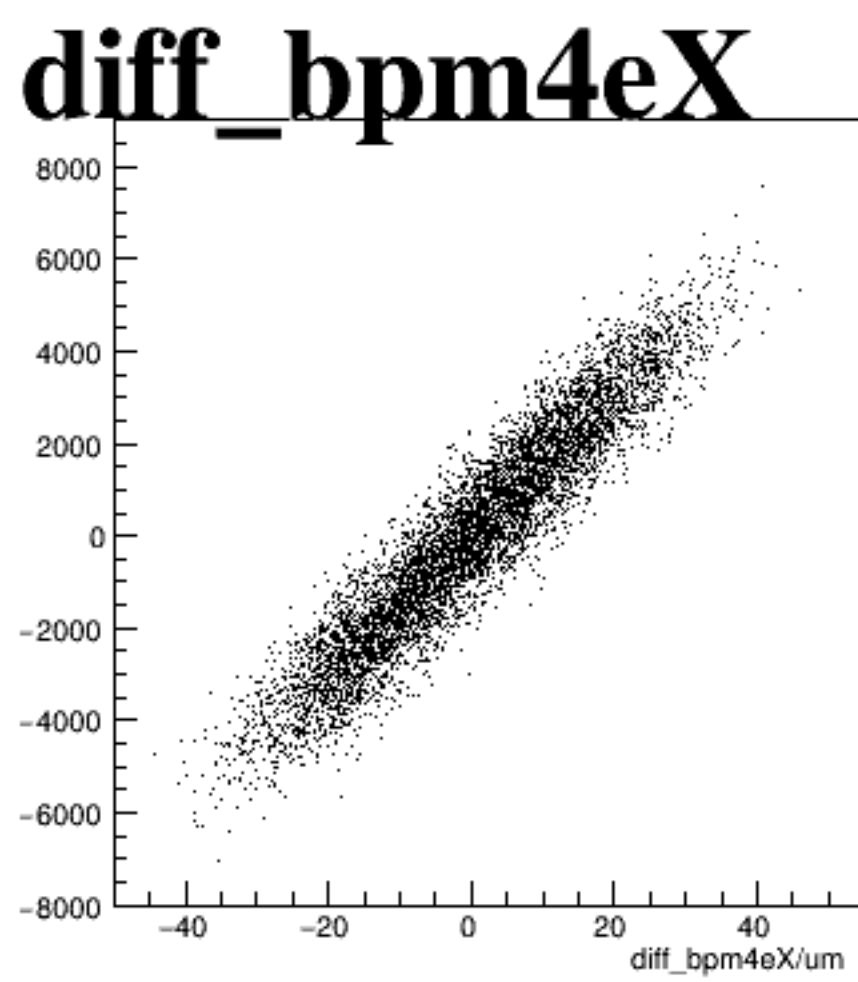
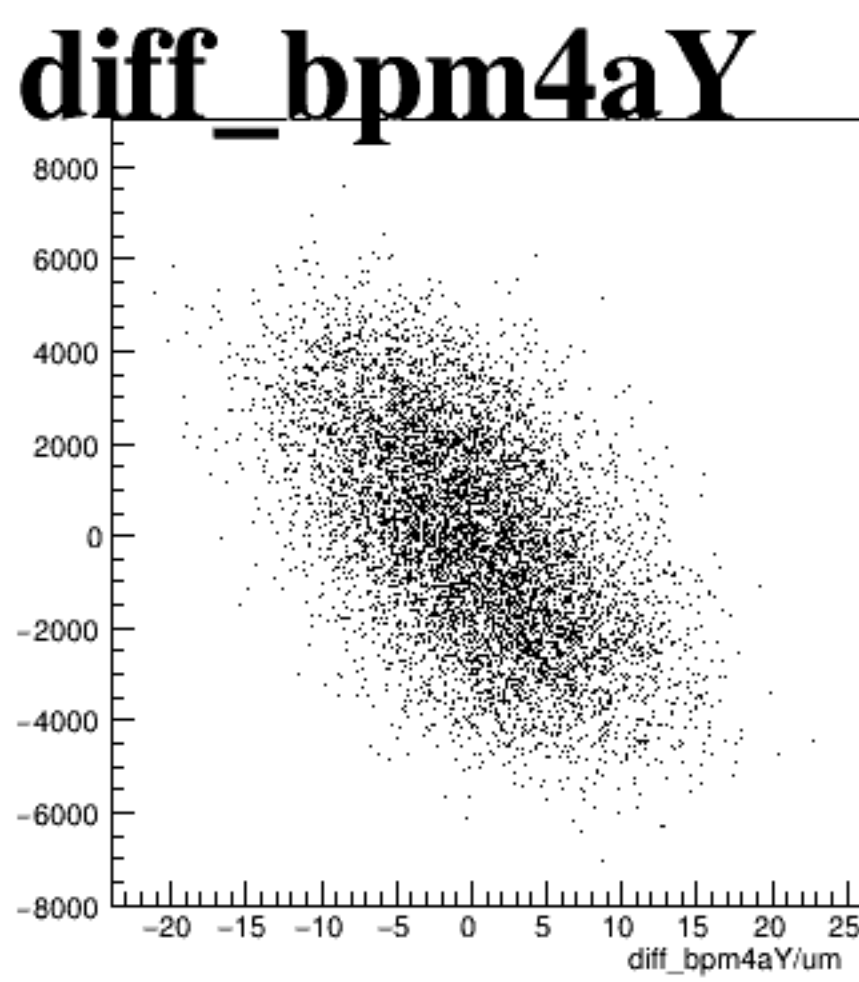
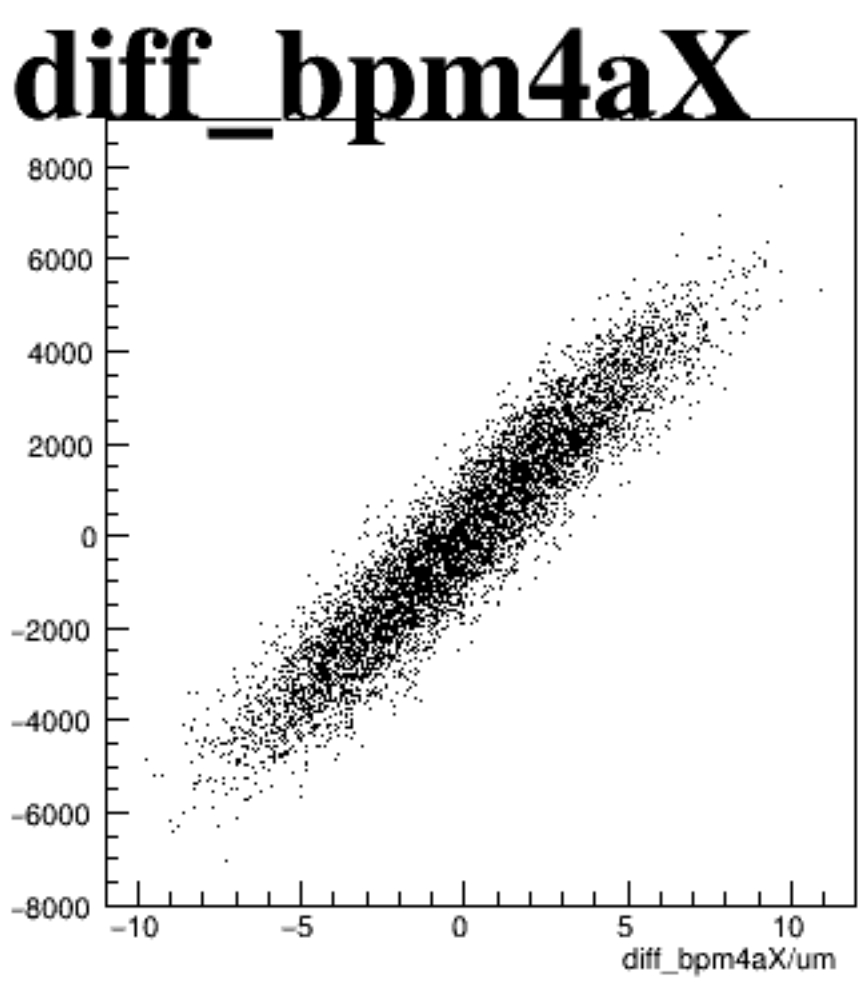
asym_sam2



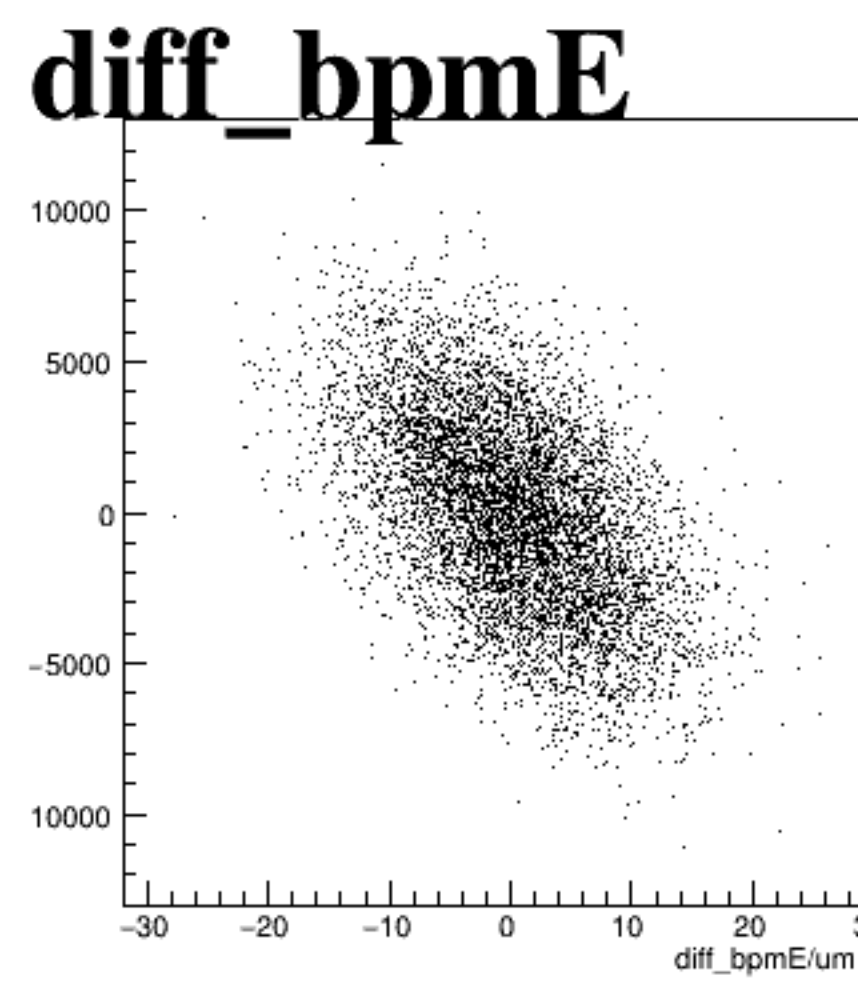
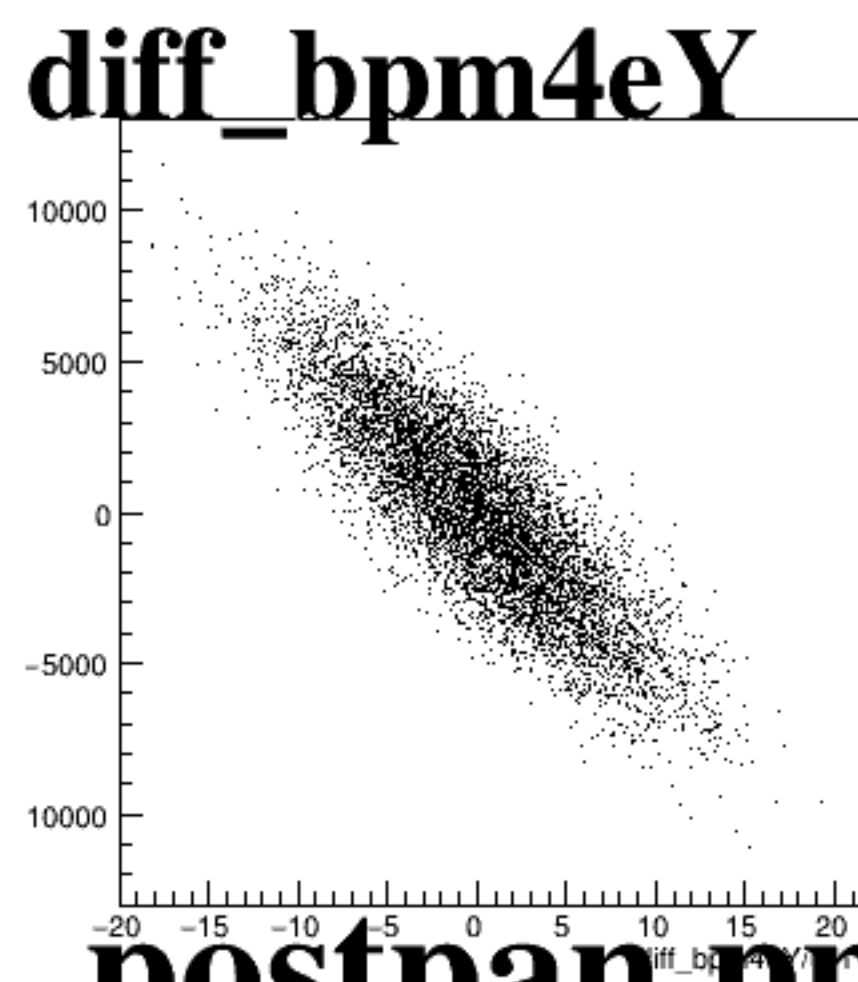
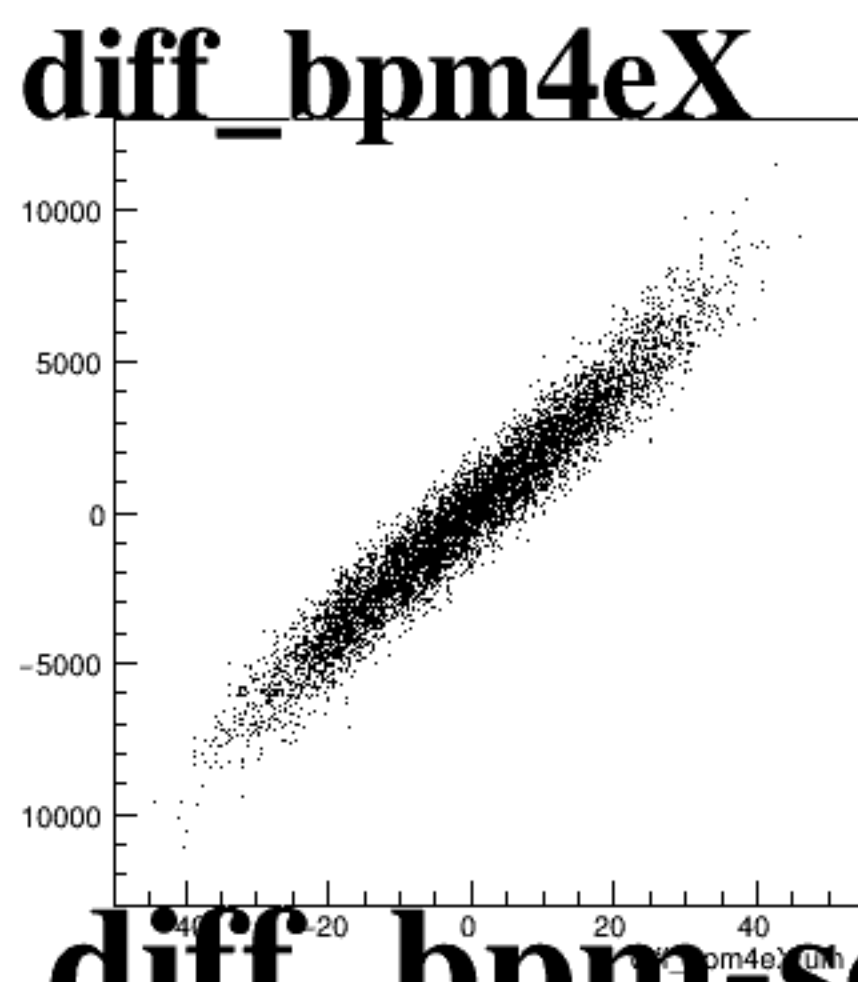
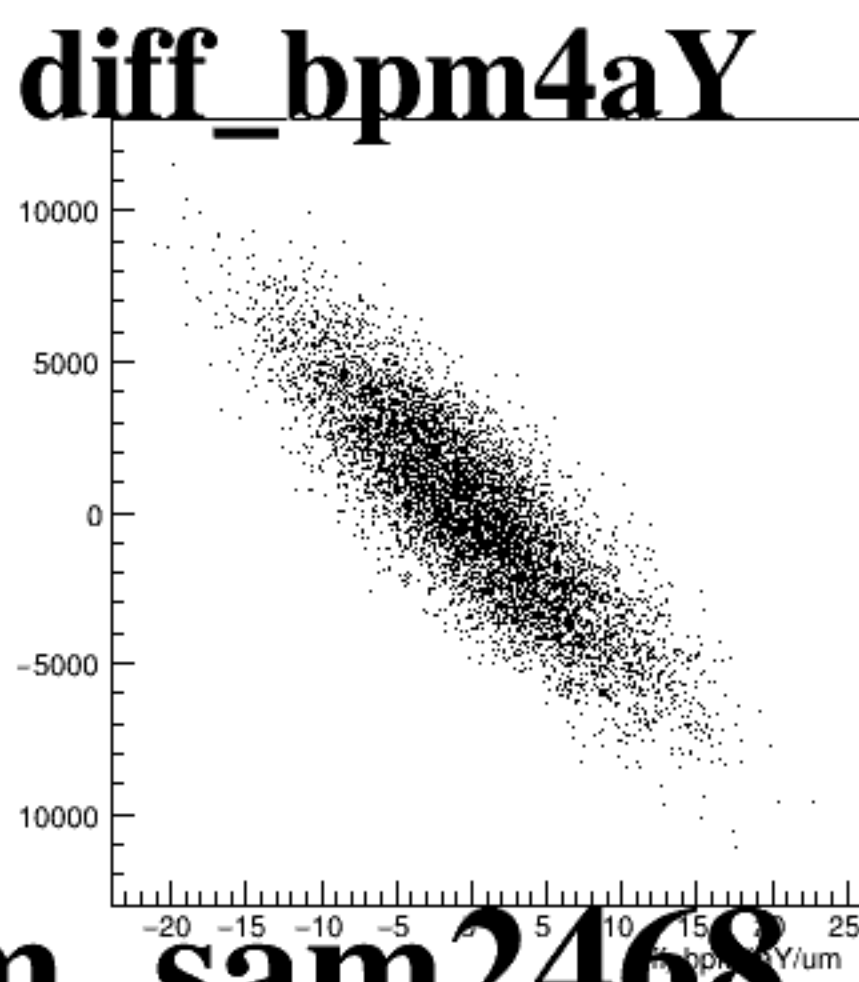
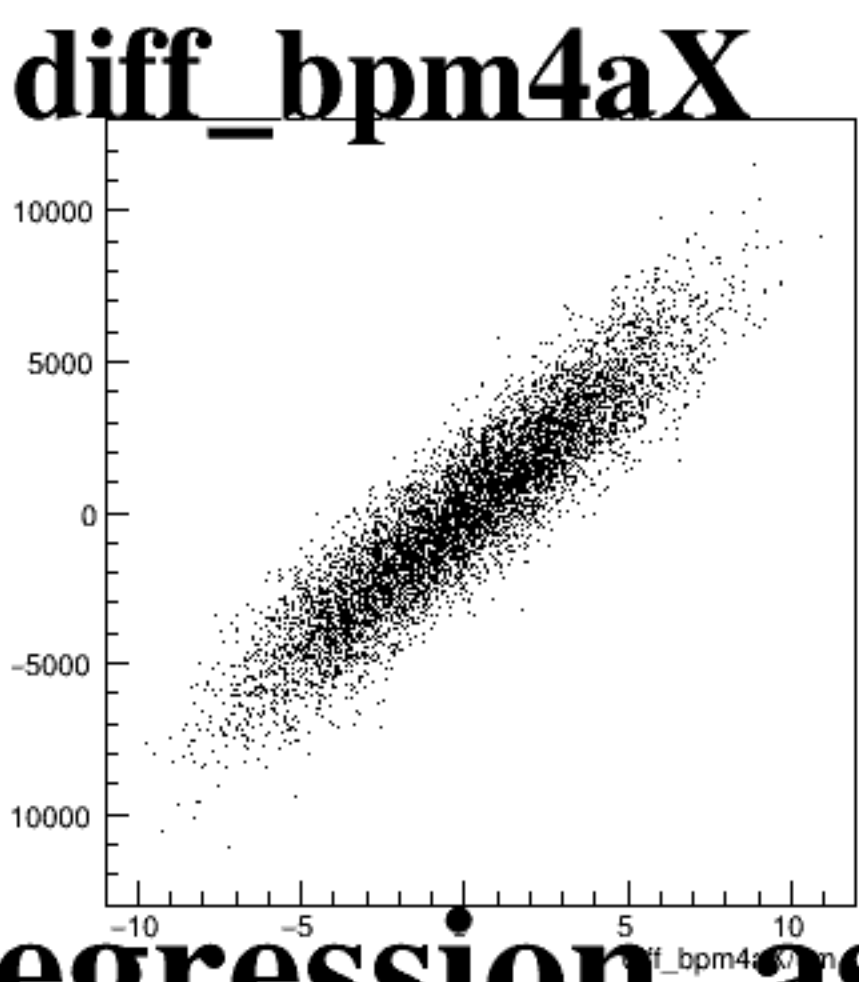
asym_sam4



asym_sam6



asym_sam8

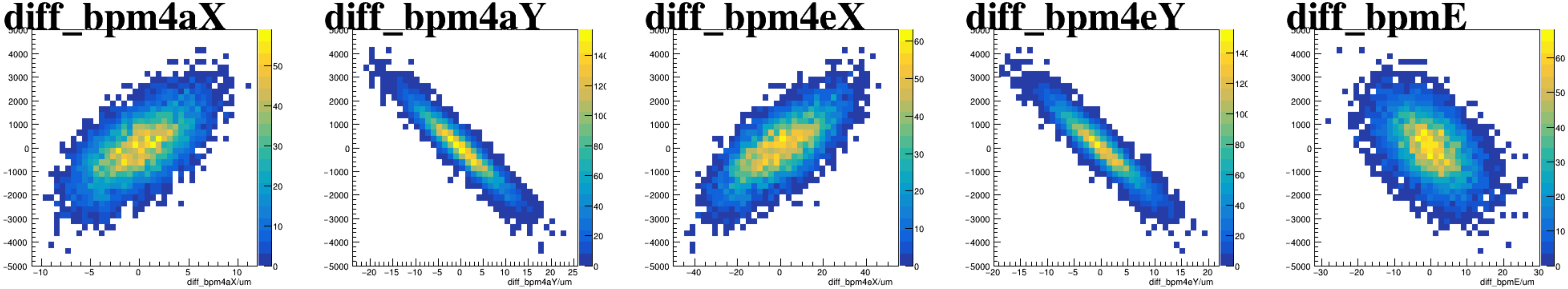


The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different variable. The variables are labeled as follows:

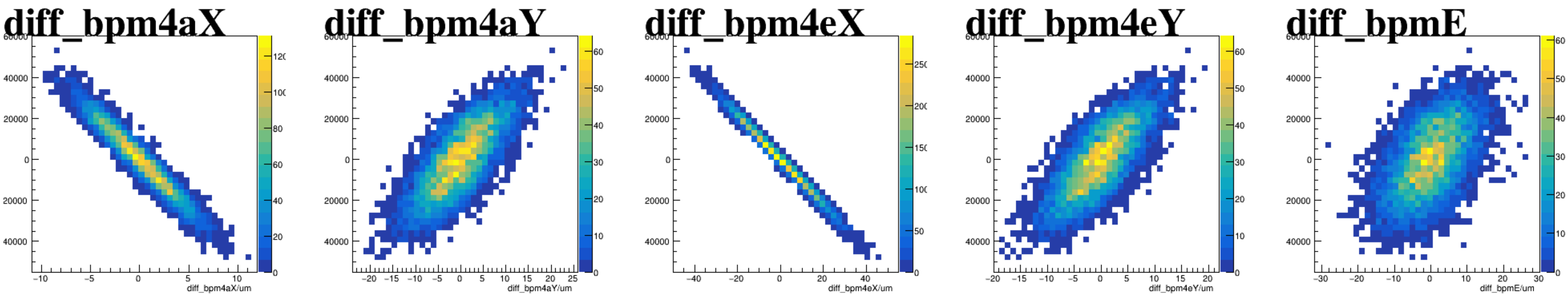
- diff_bpm4aX**: The x-axis ranges from -10 to 10, and the y-axis ranges from -4000 to 4000.
- diff_bpm4aY**: The x-axis ranges from -20 to 25, and the y-axis ranges from -4000 to 4000.
- diff_bpm4eX**: The x-axis ranges from -40 to 40, and the y-axis ranges from -4000 to 4000.
- diff_bpm4eY**: The x-axis ranges from -20 to 20, and the y-axis ranges from -4000 to 4000.
- diff_bpmE**: The x-axis ranges from -30 to 30, and the y-axis ranges from -4000 to 4000.

Each plot displays a dense cloud of points, indicating a high density of data points centered around the origin (0,0). The axes are labeled with the variable name and the unit 'um' (micrometers).

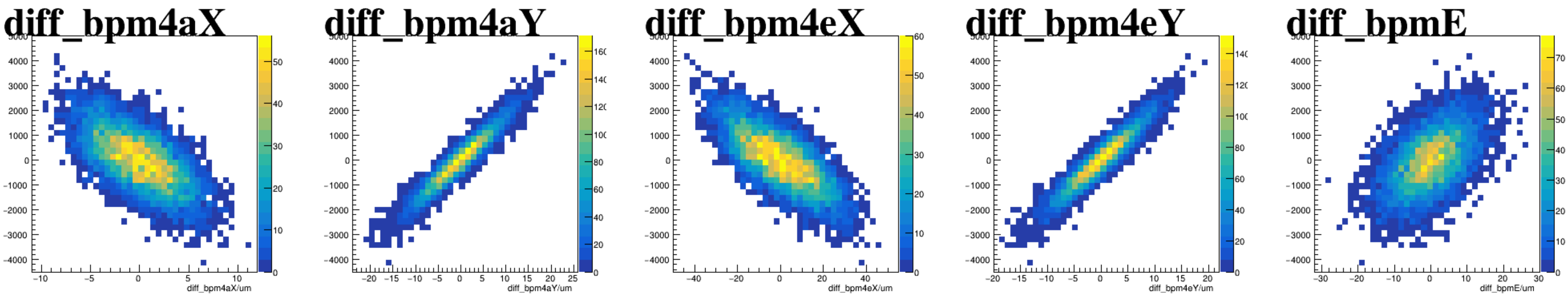
asym_sam1



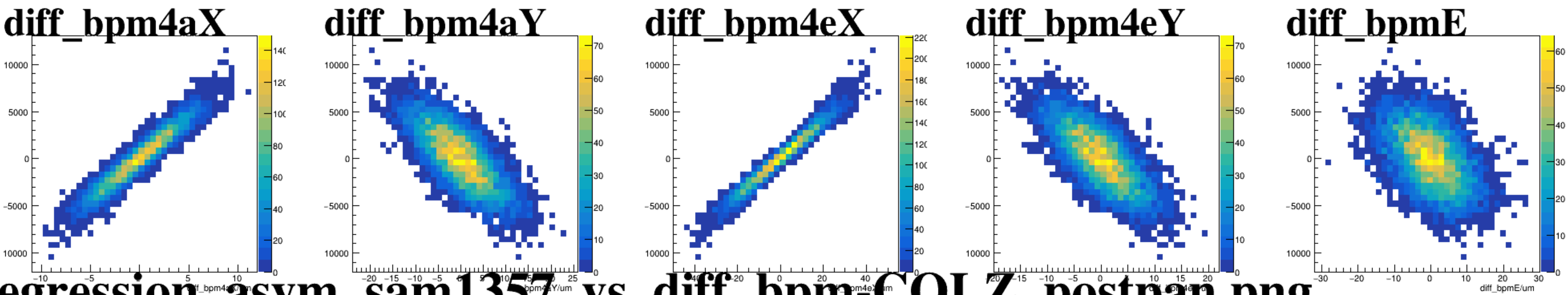
asym_sam3



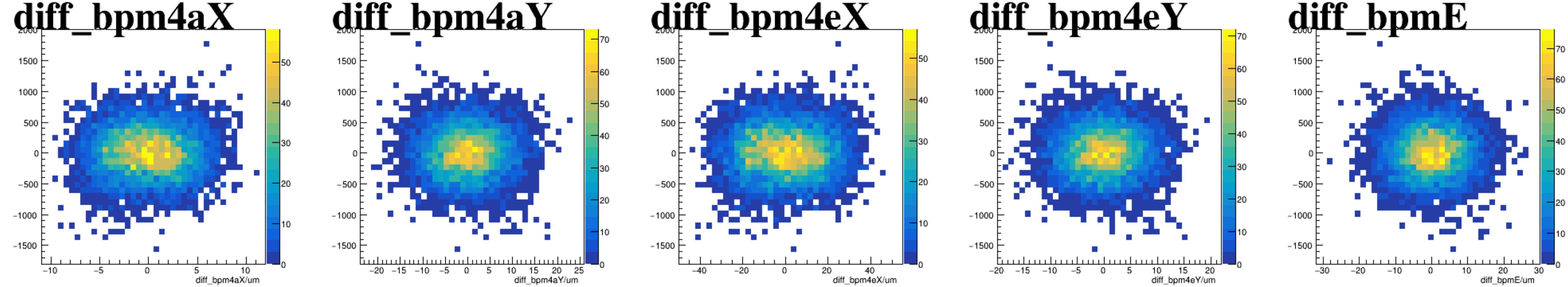
asym_sam5



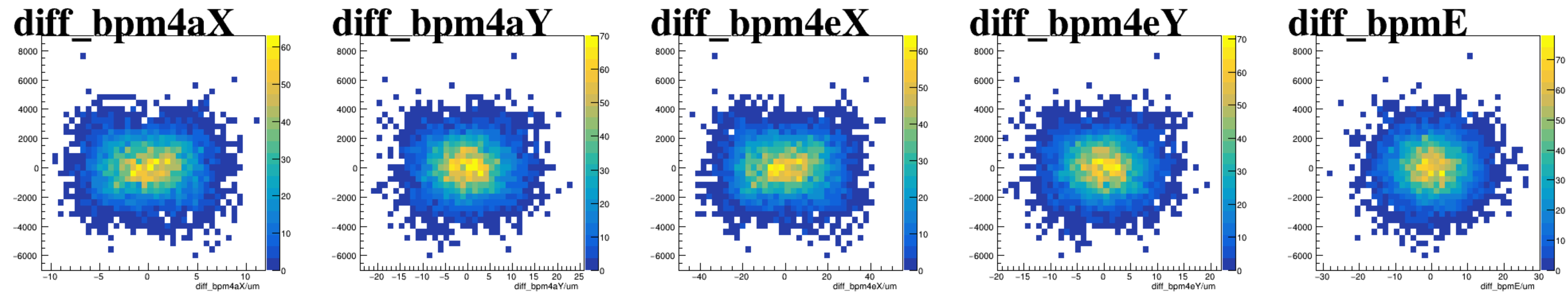
asym_sam7



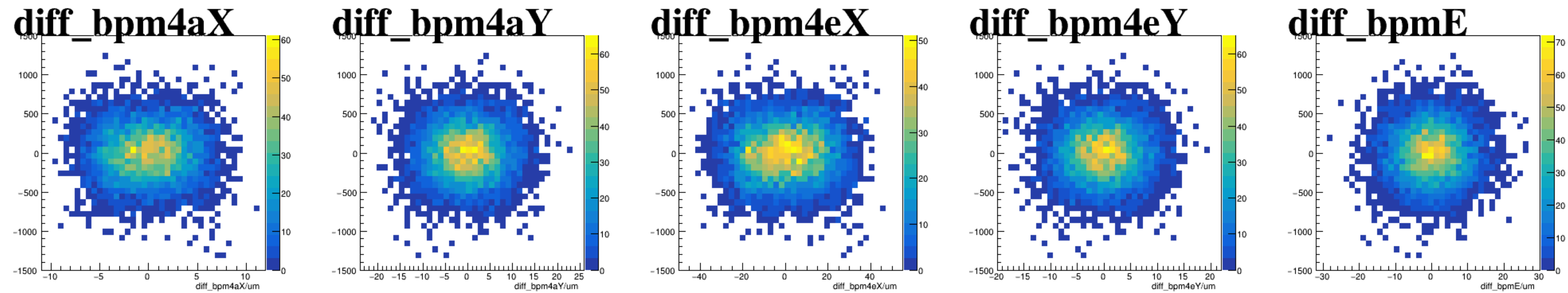
reg_asym_sam1



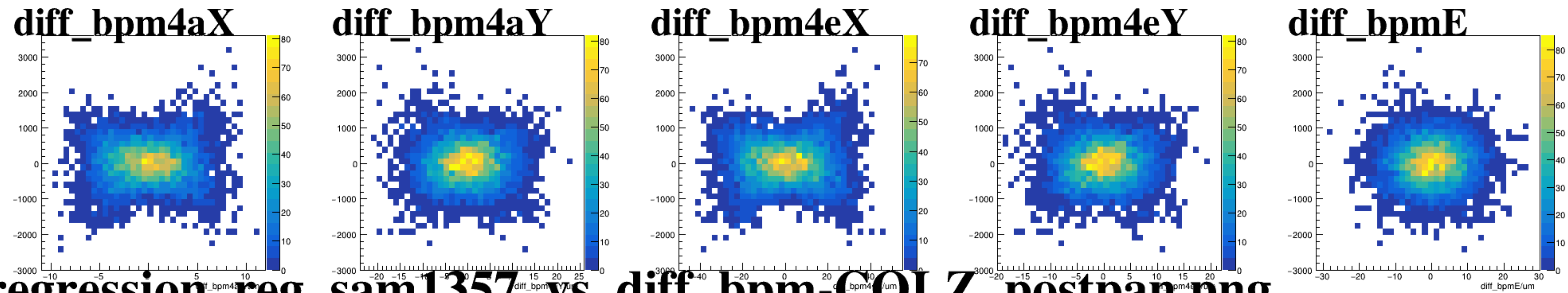
reg_asym_sam3



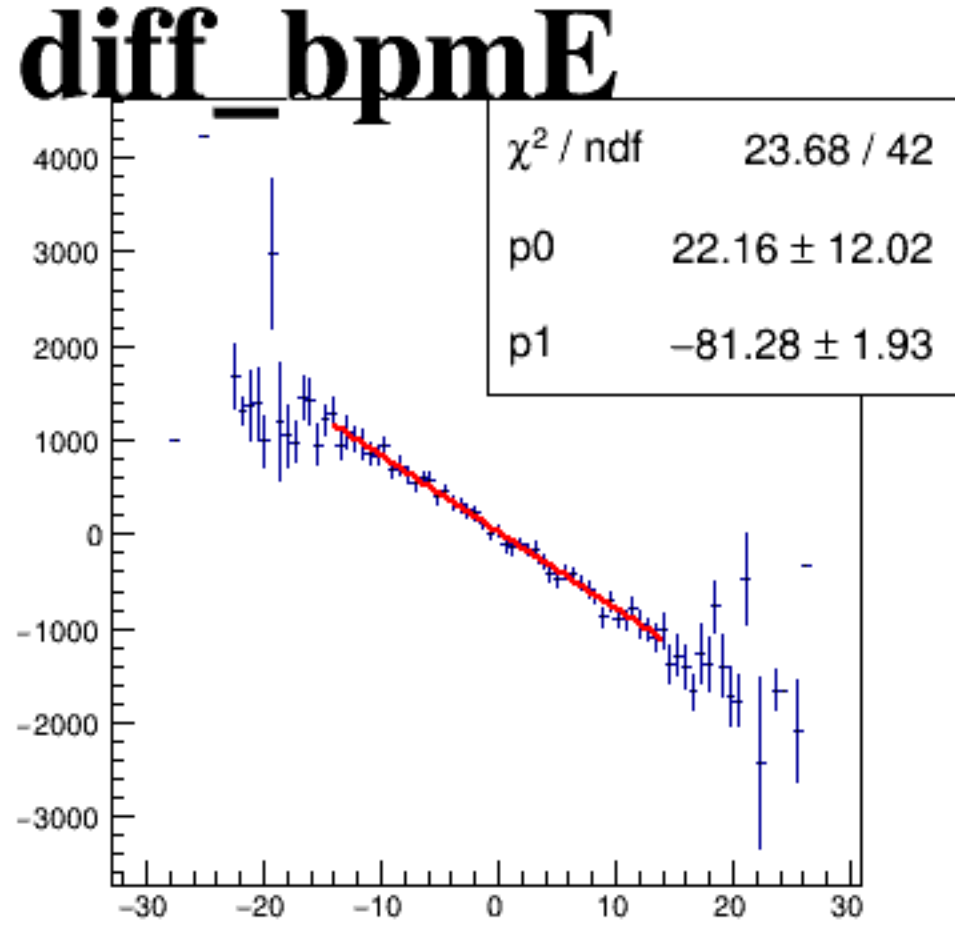
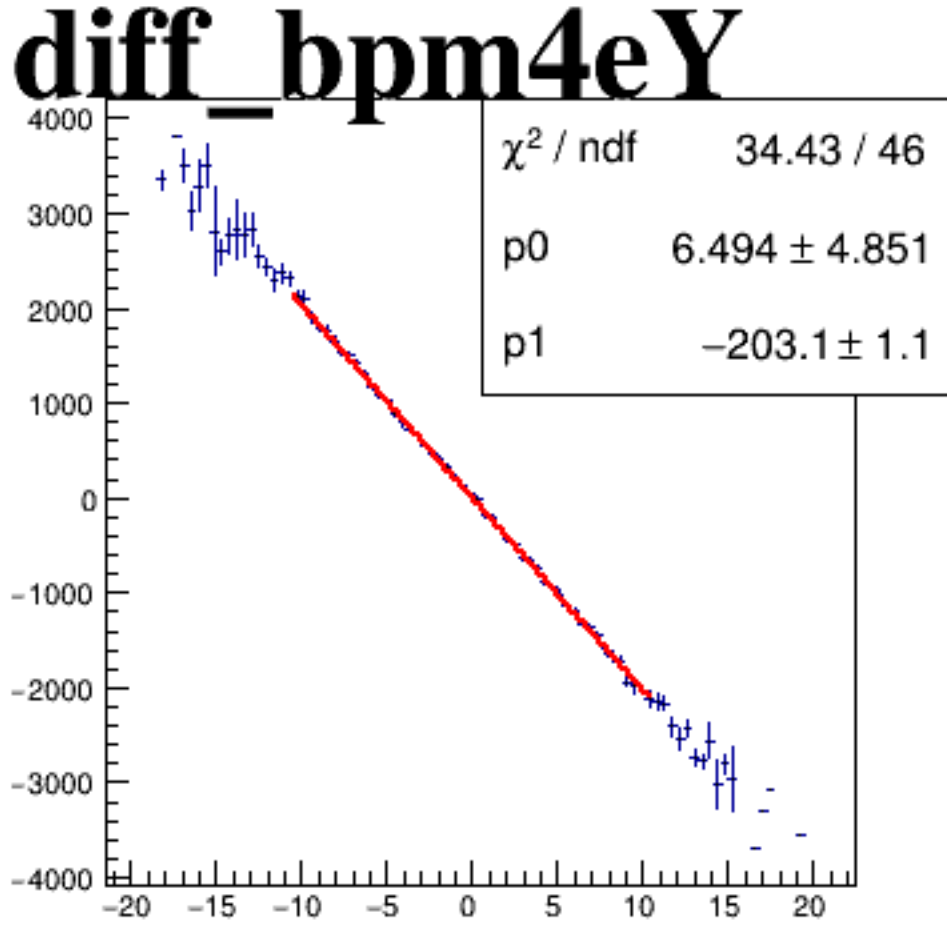
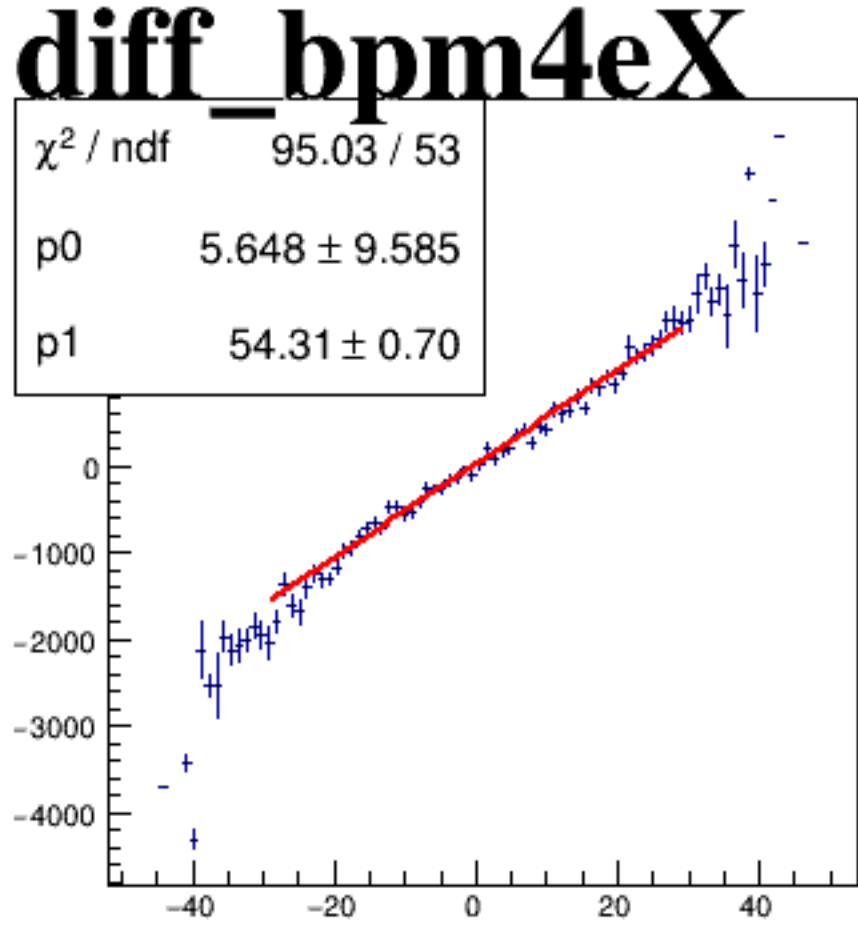
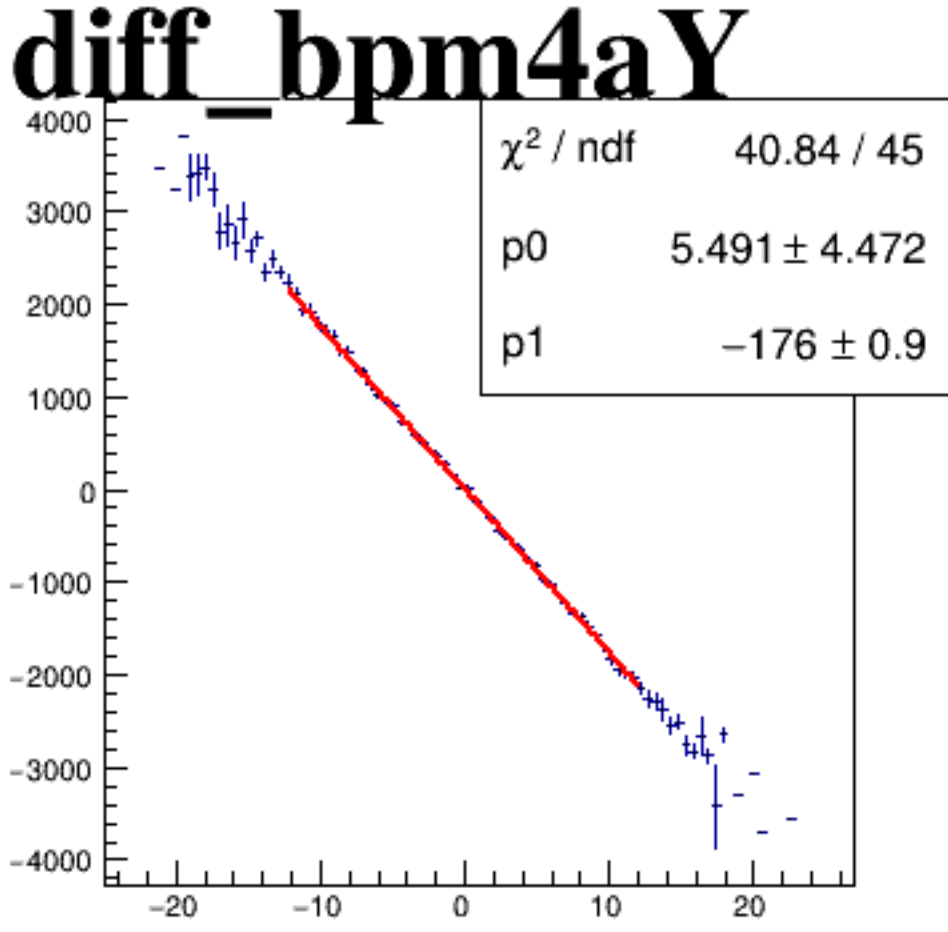
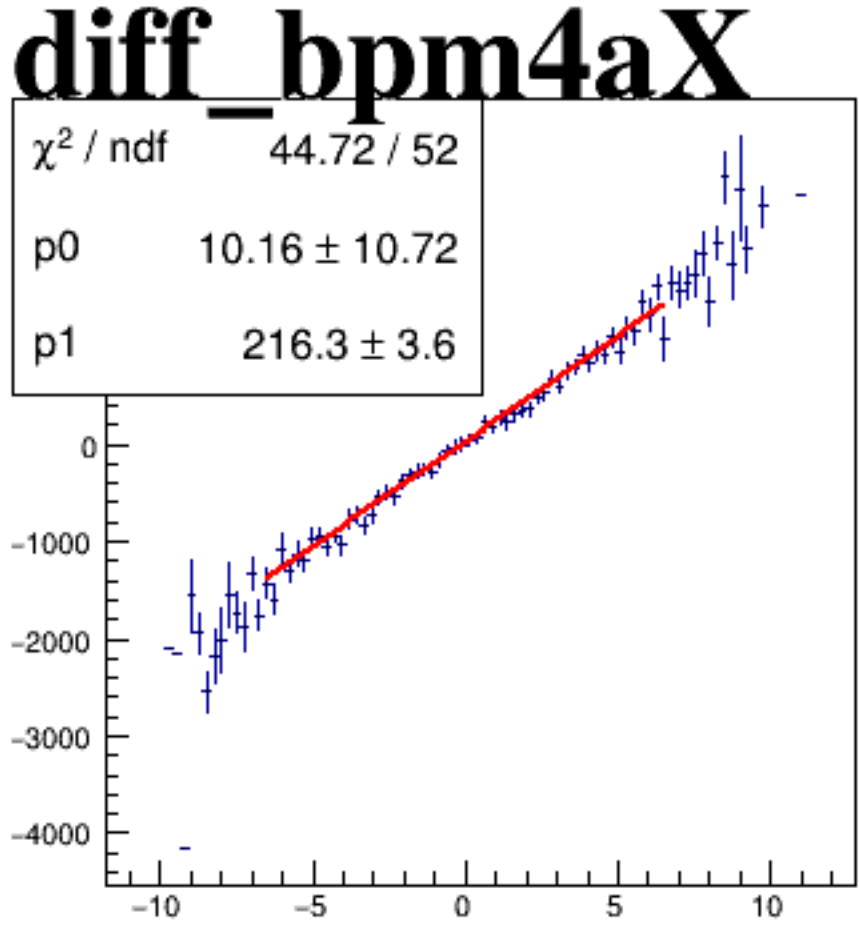
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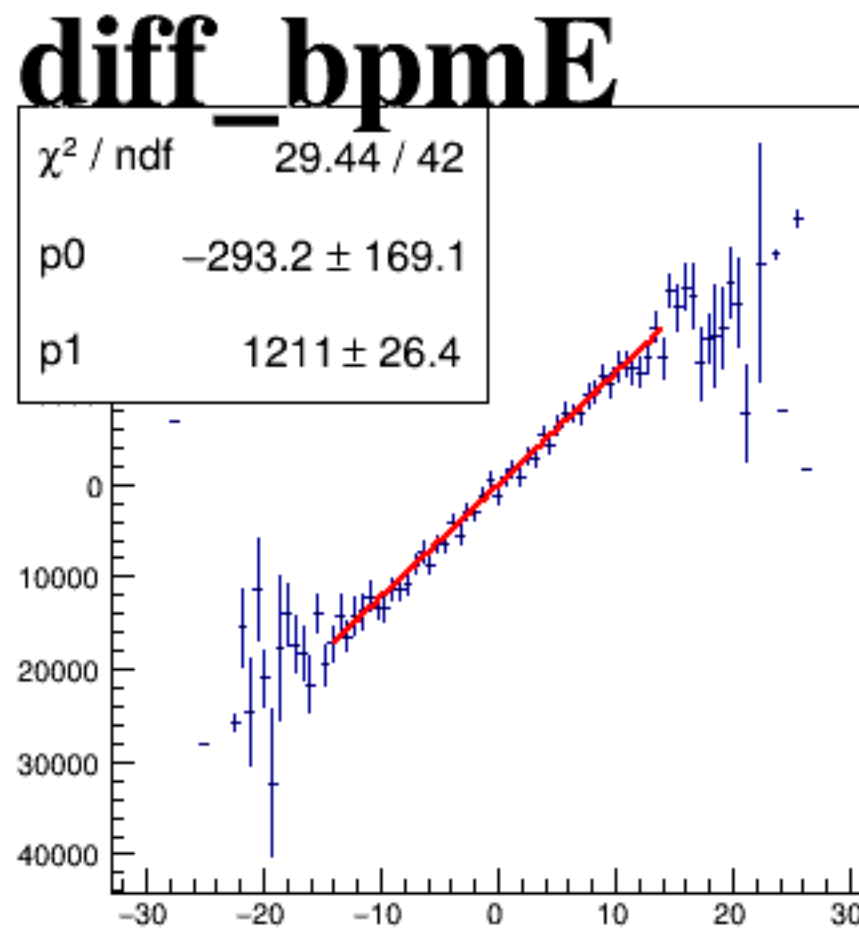
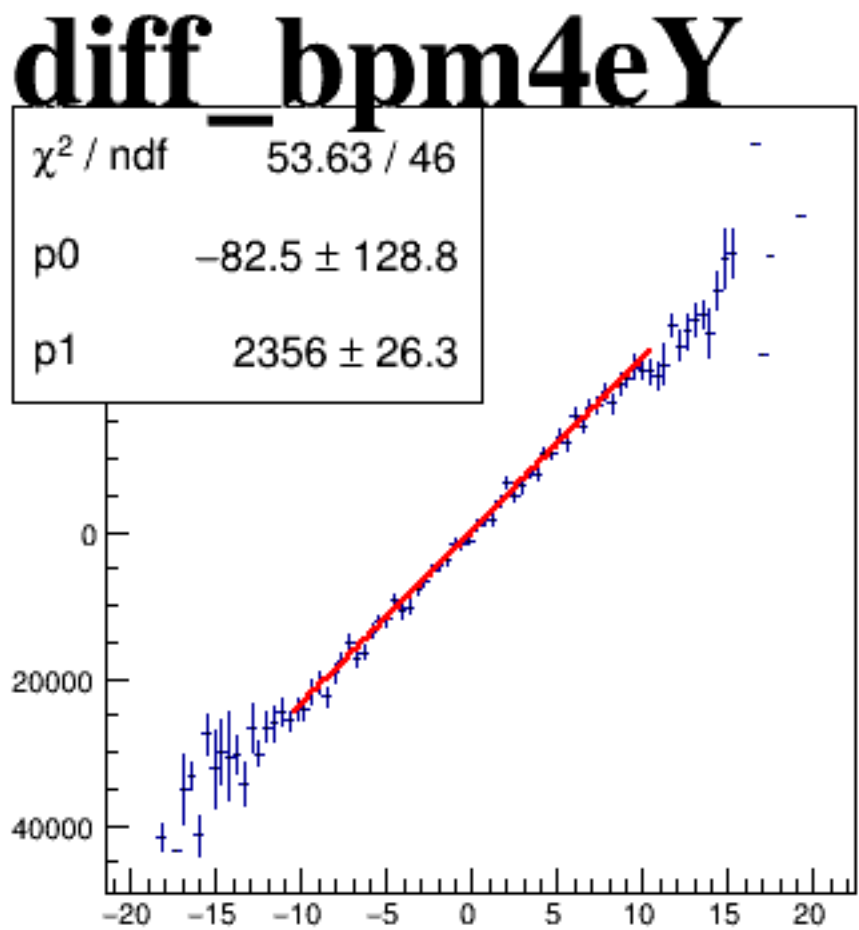
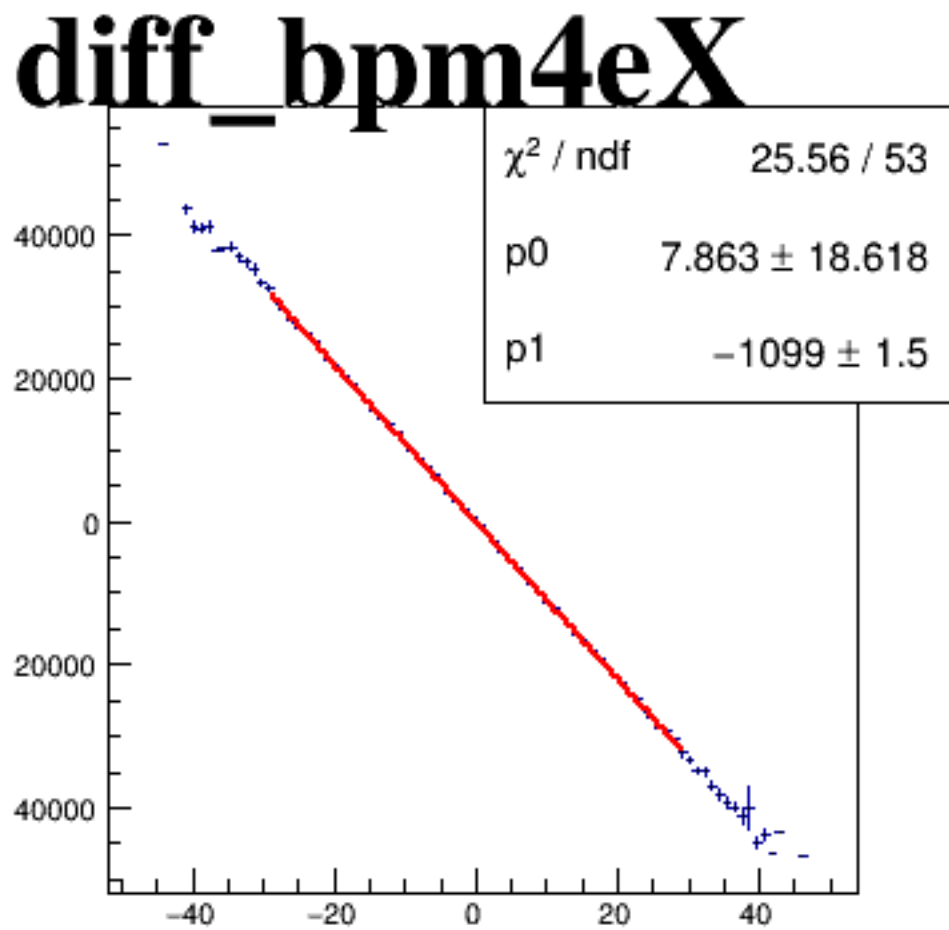
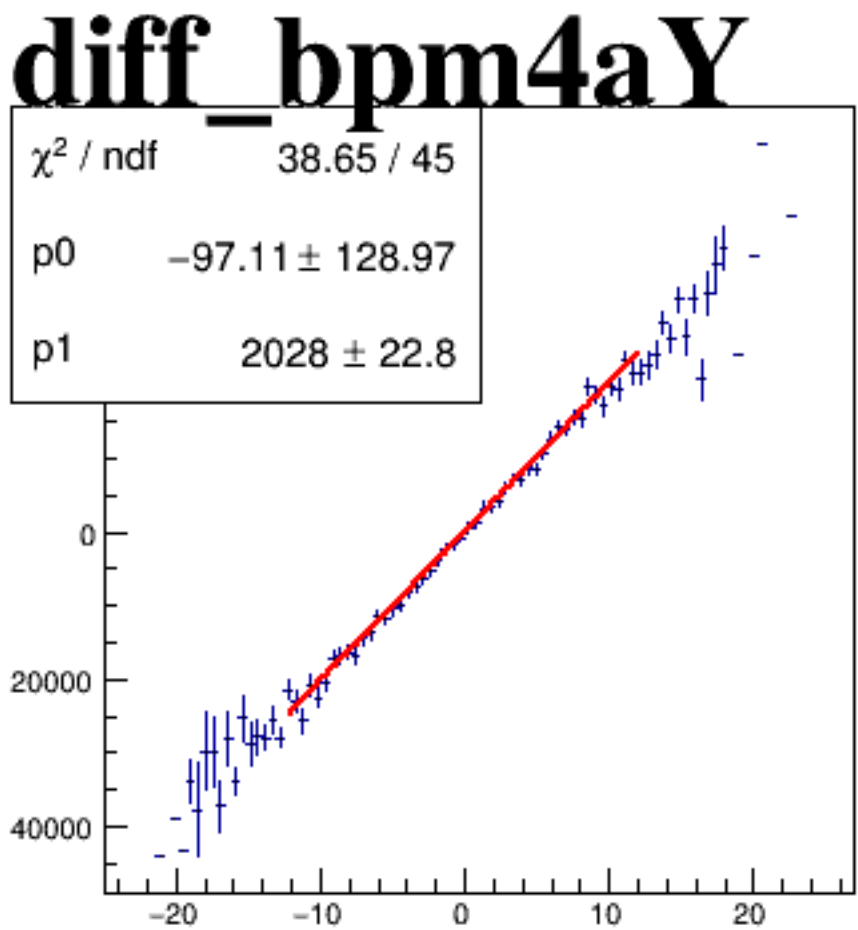
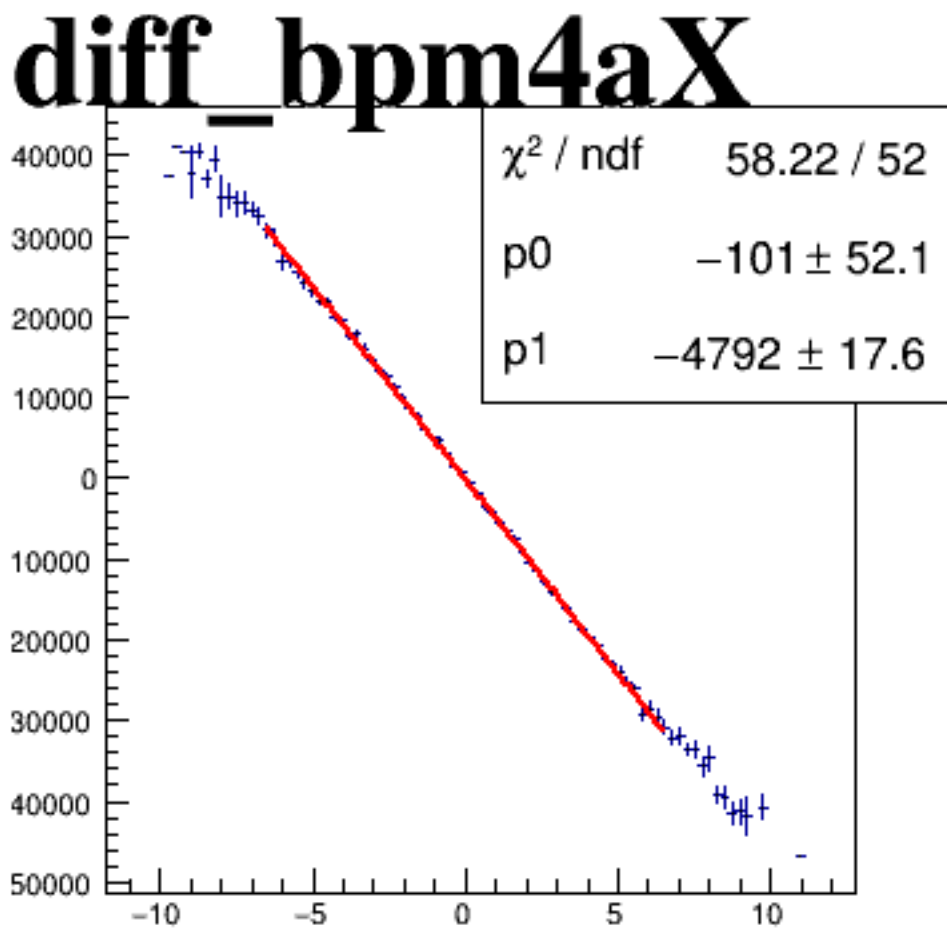
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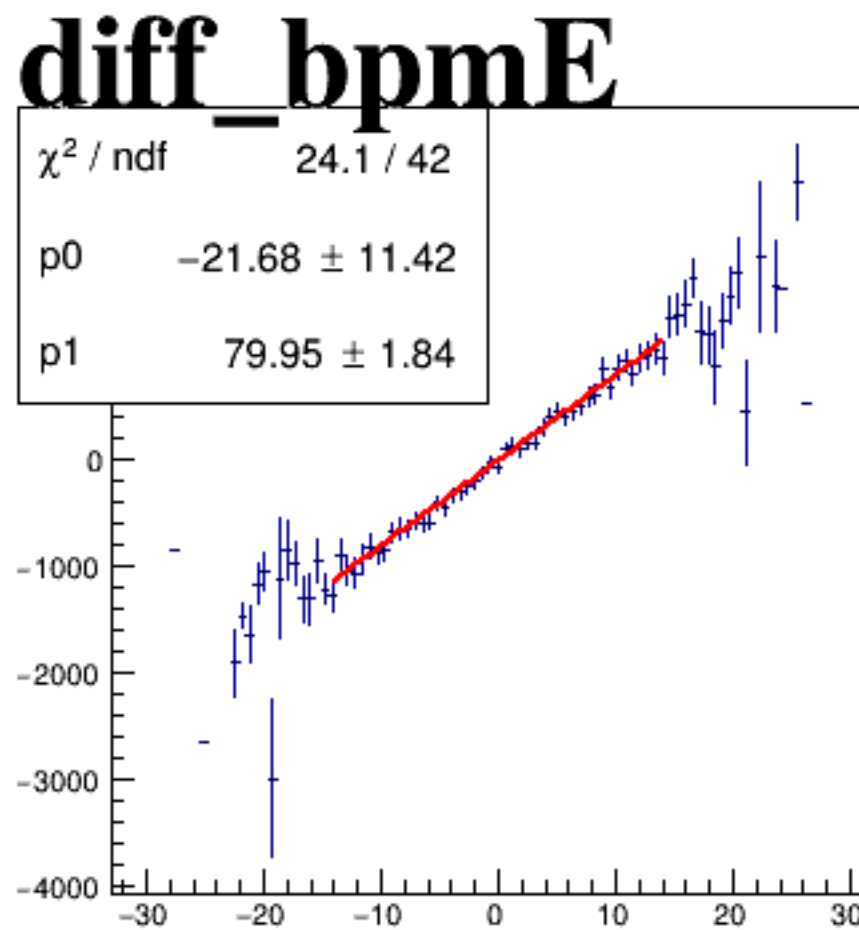
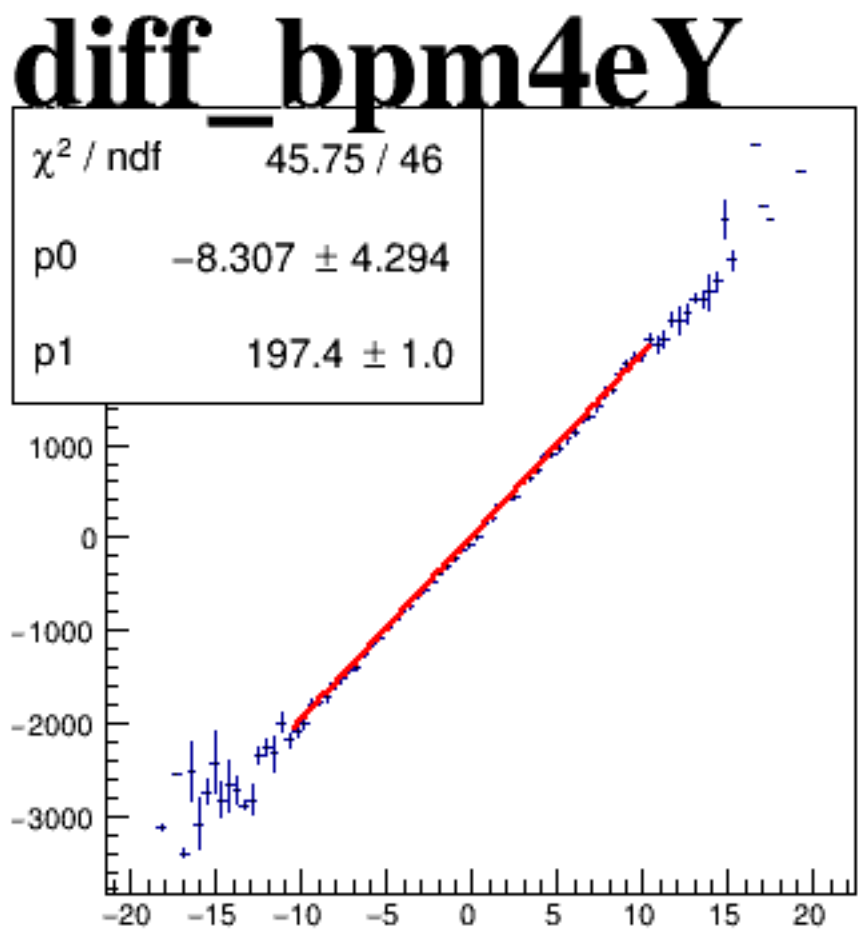
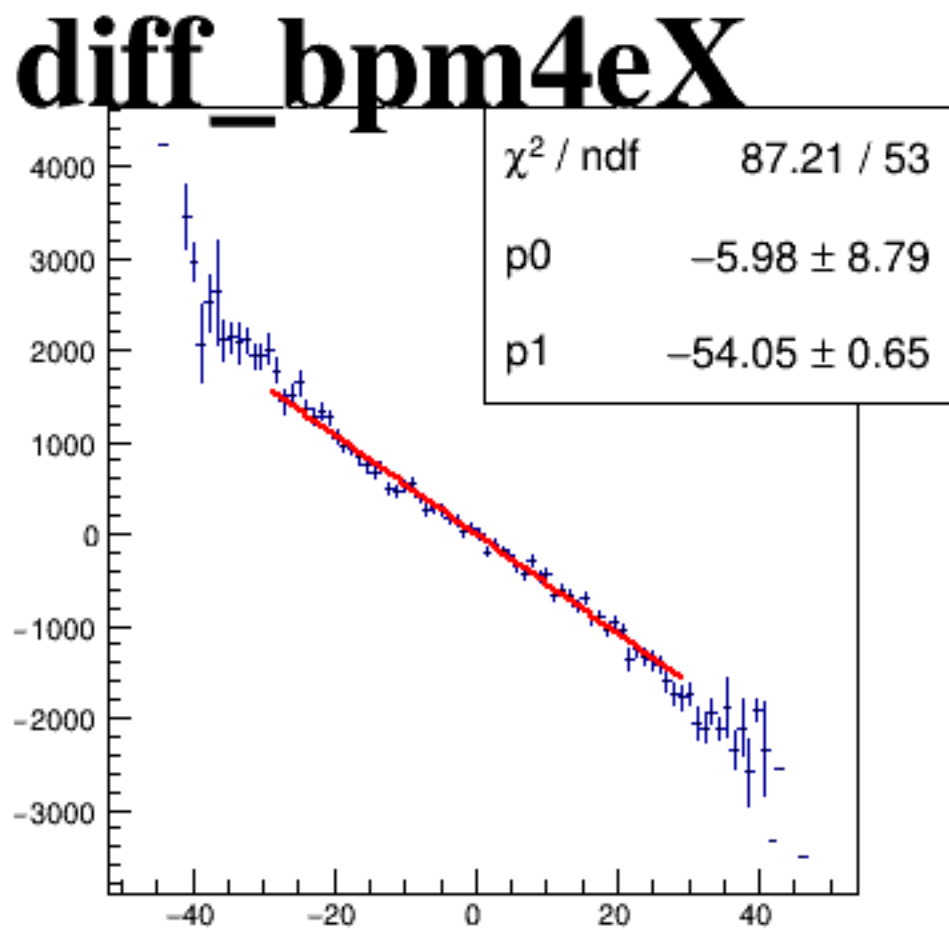
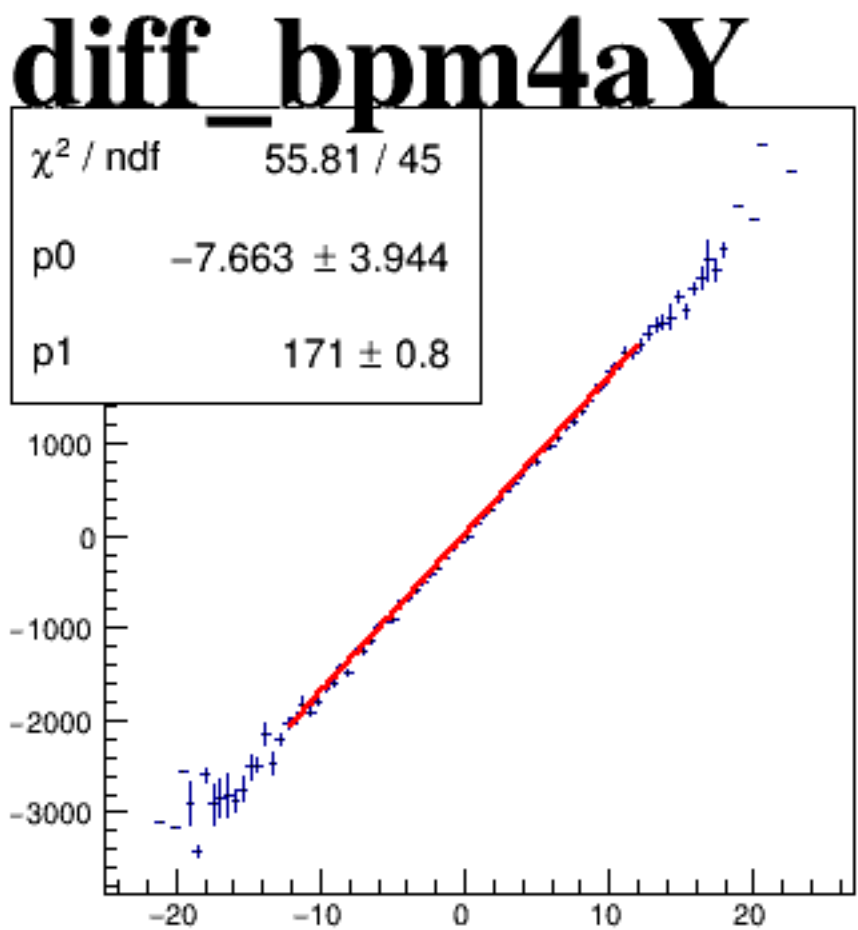
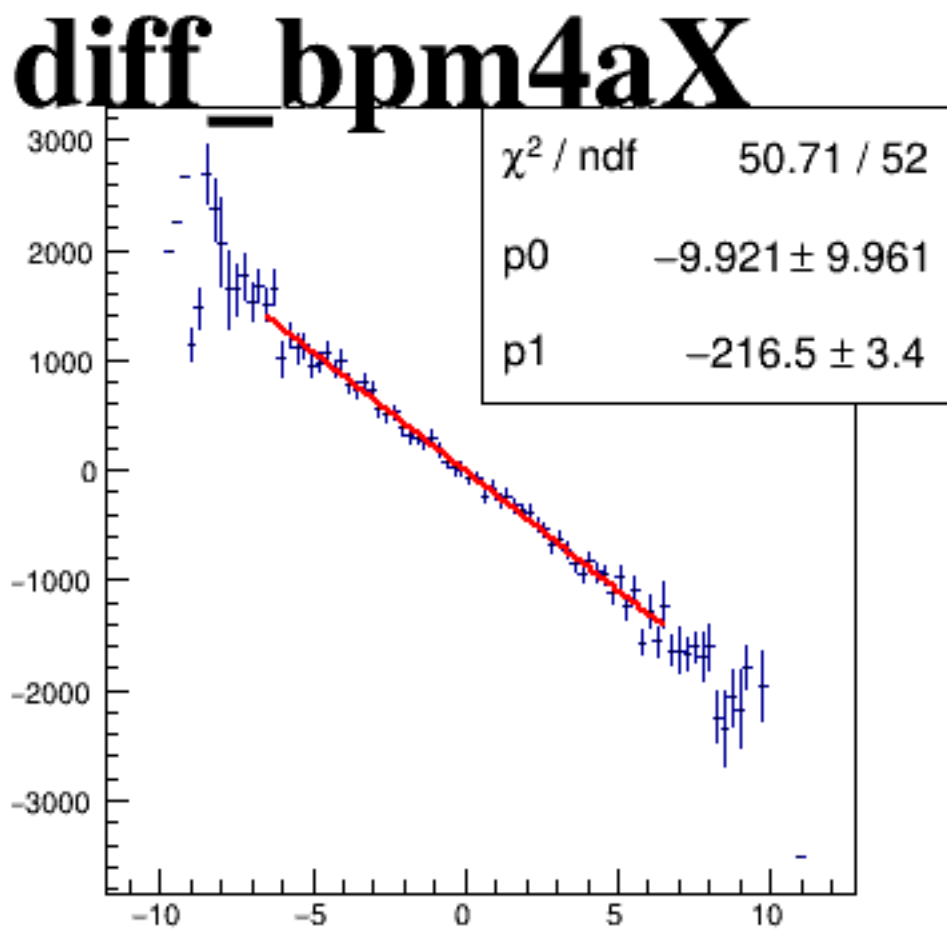
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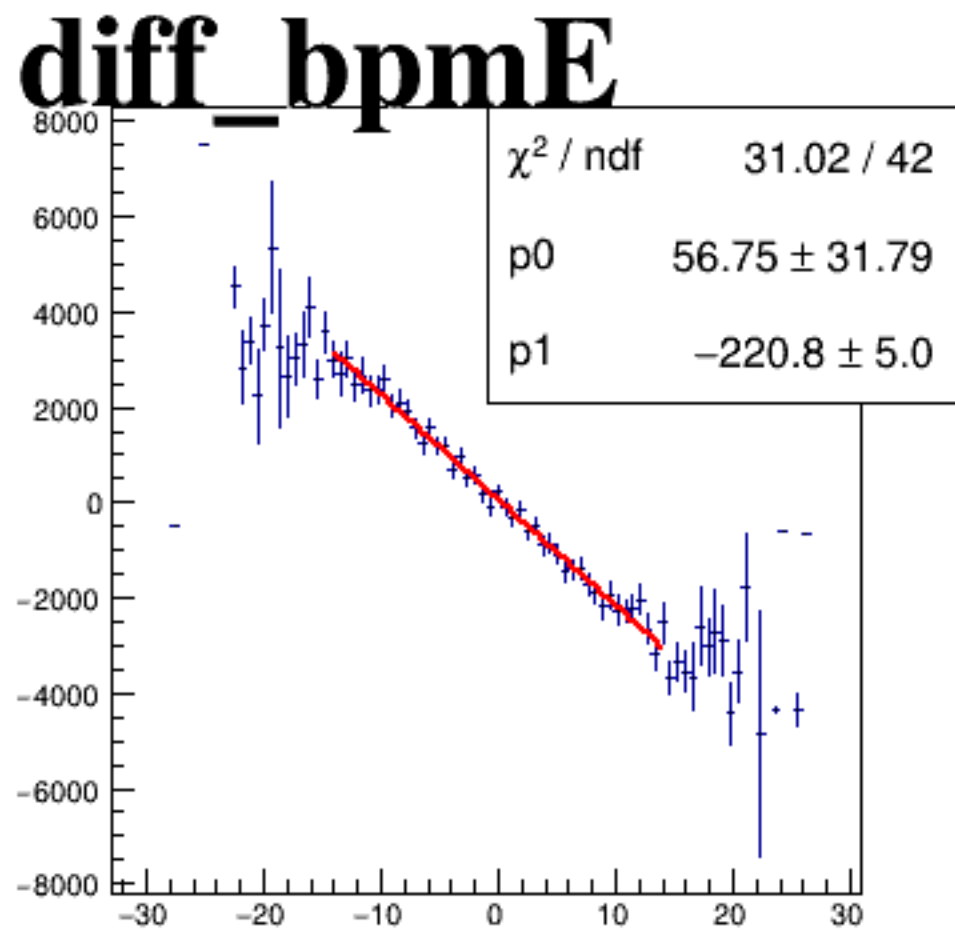
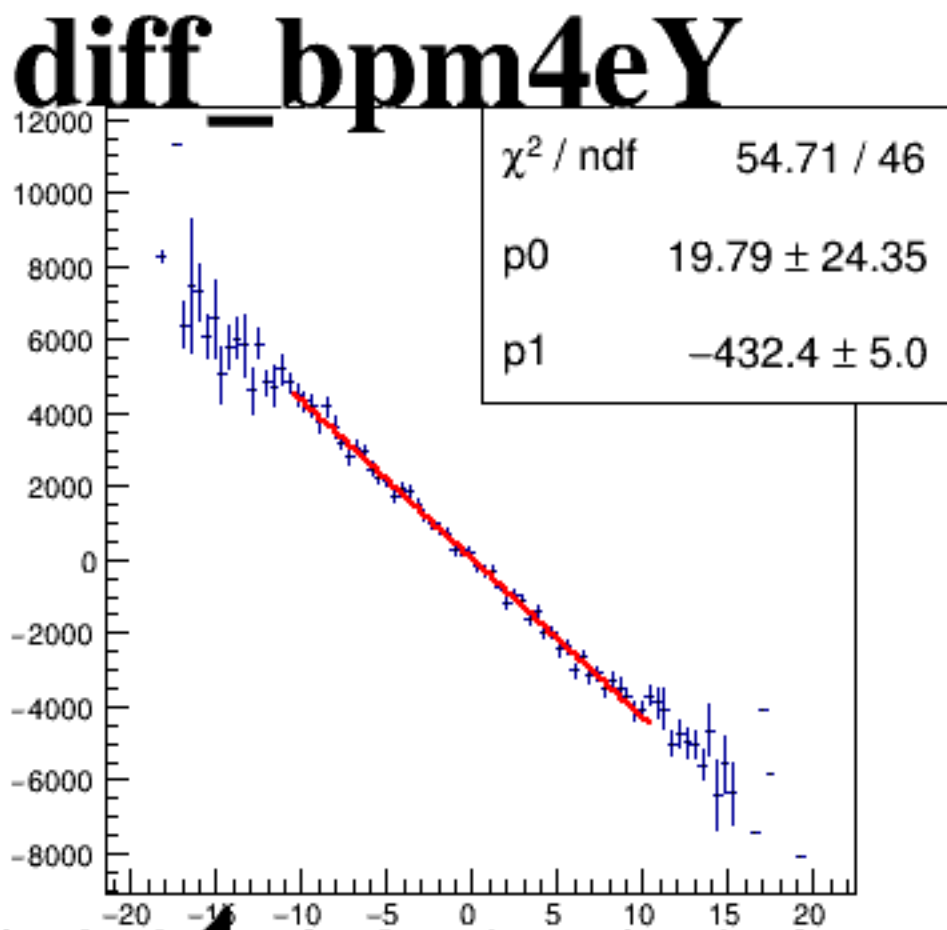
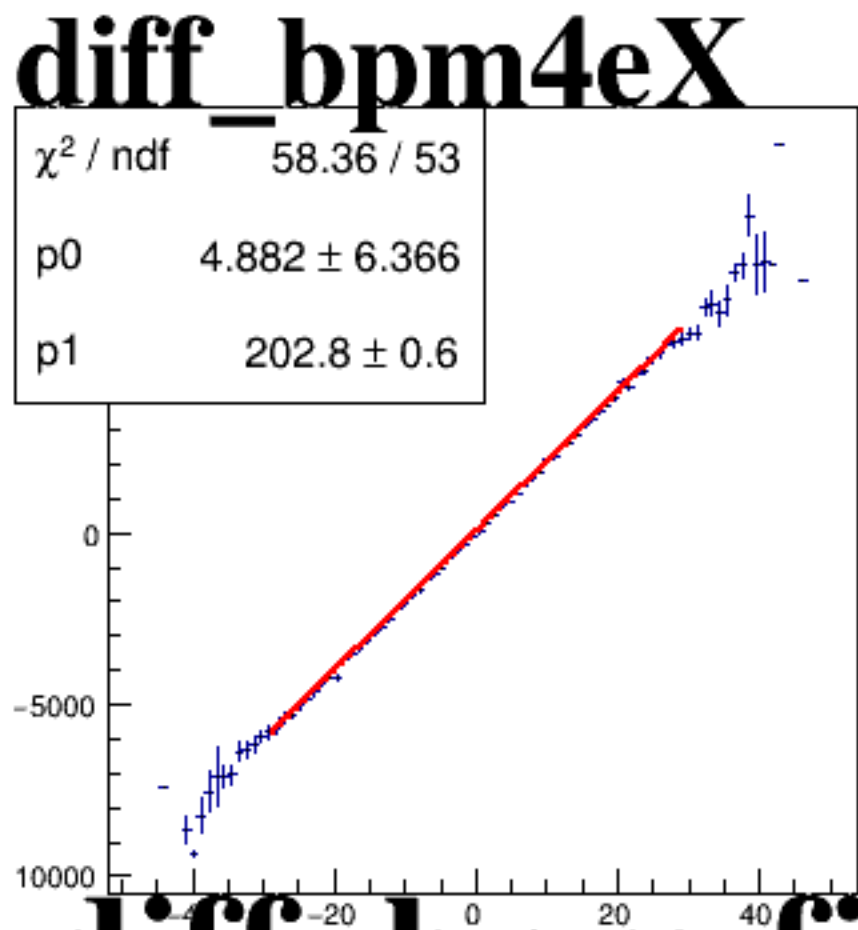
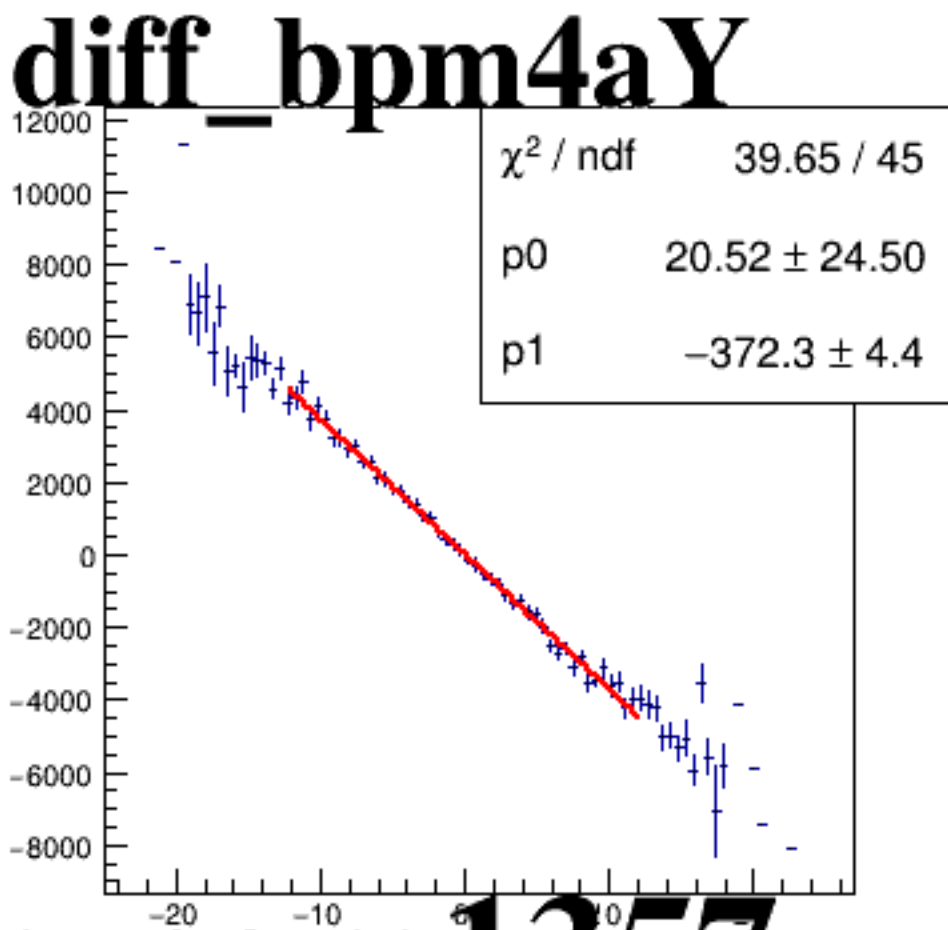
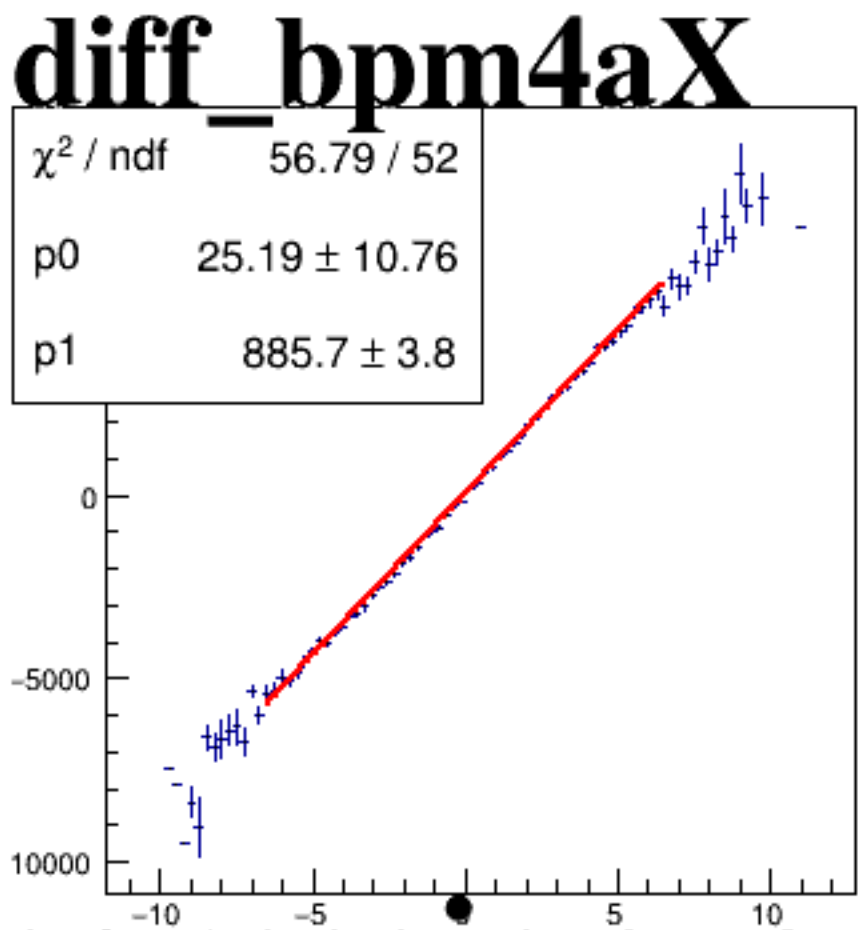
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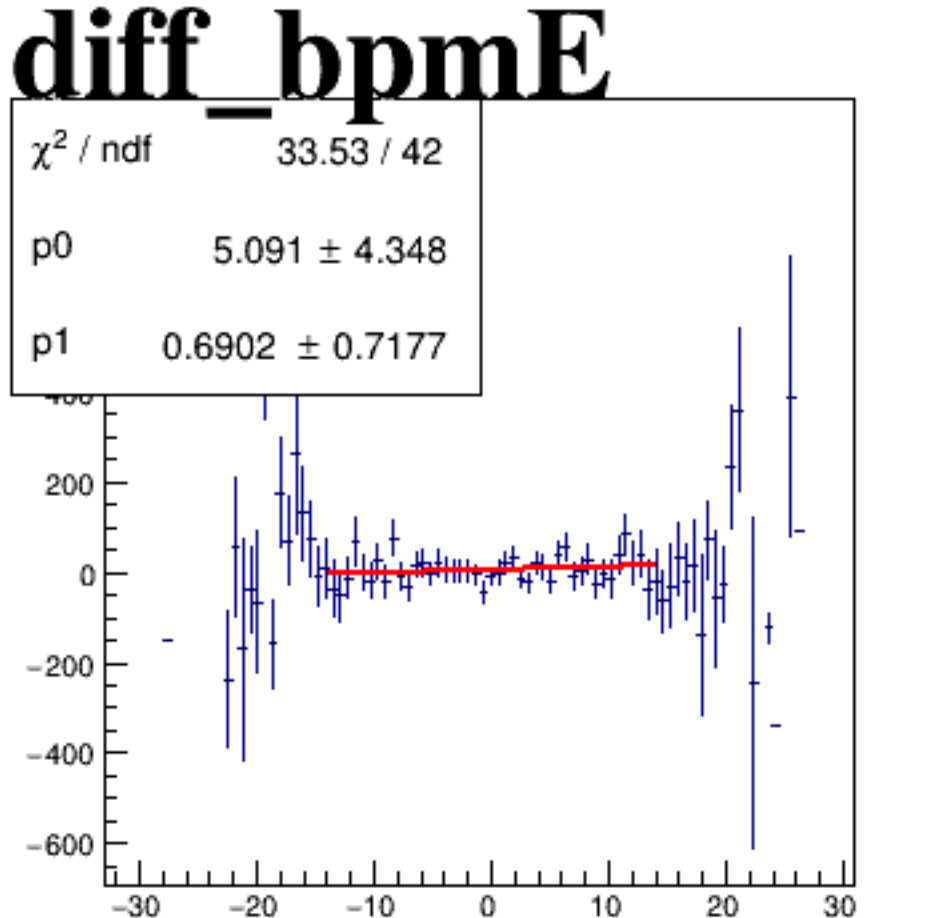
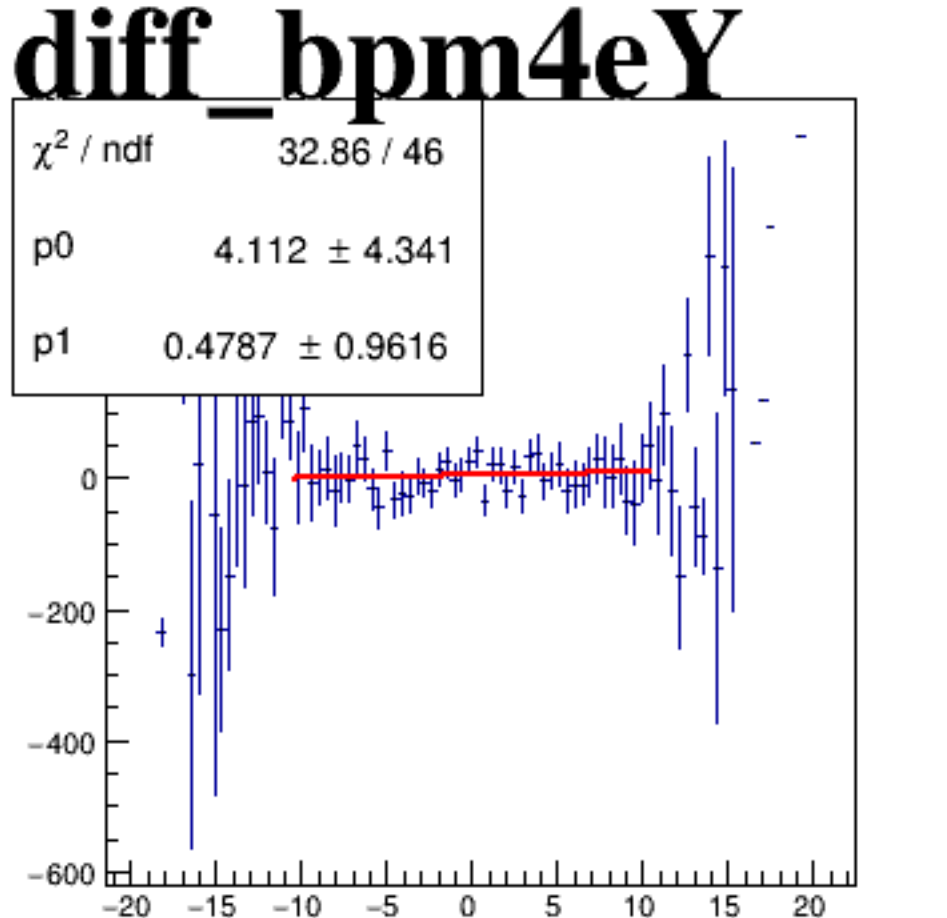
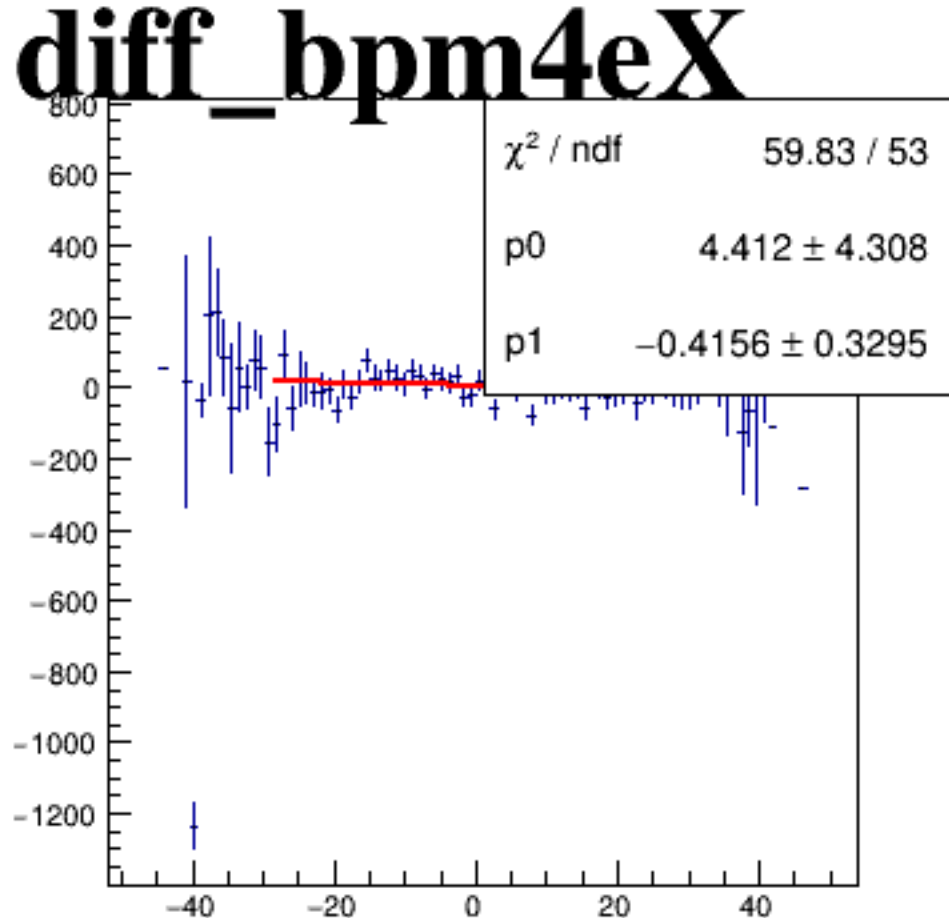
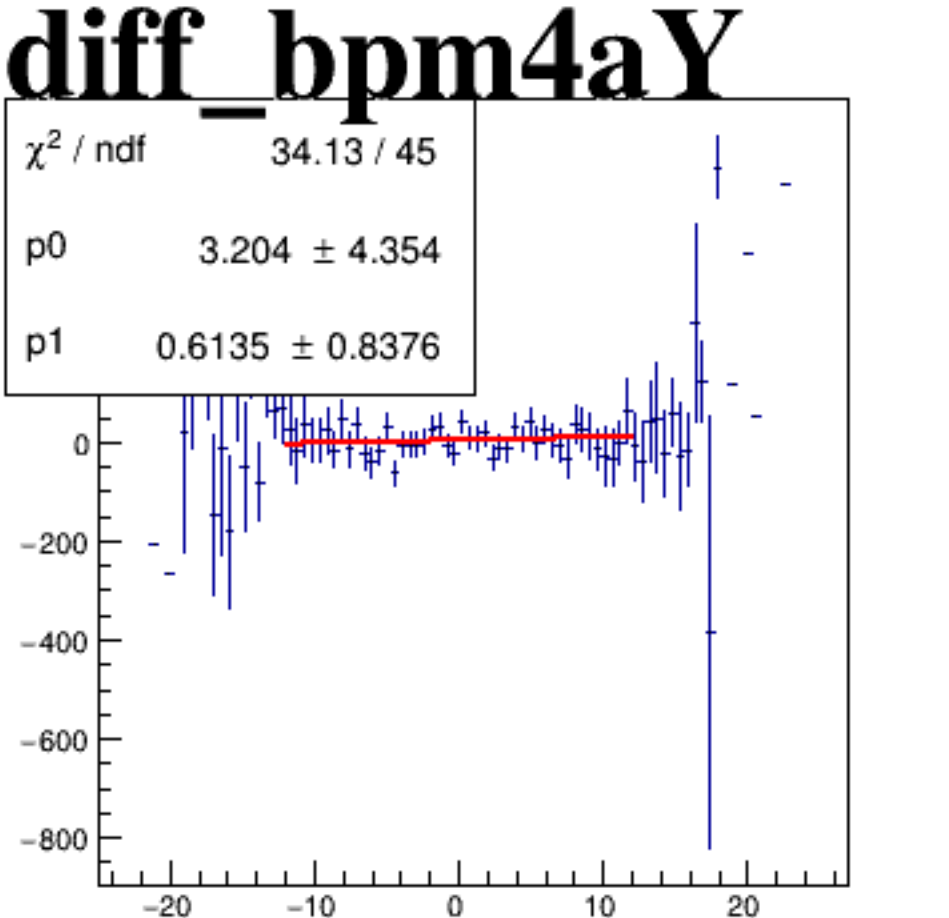
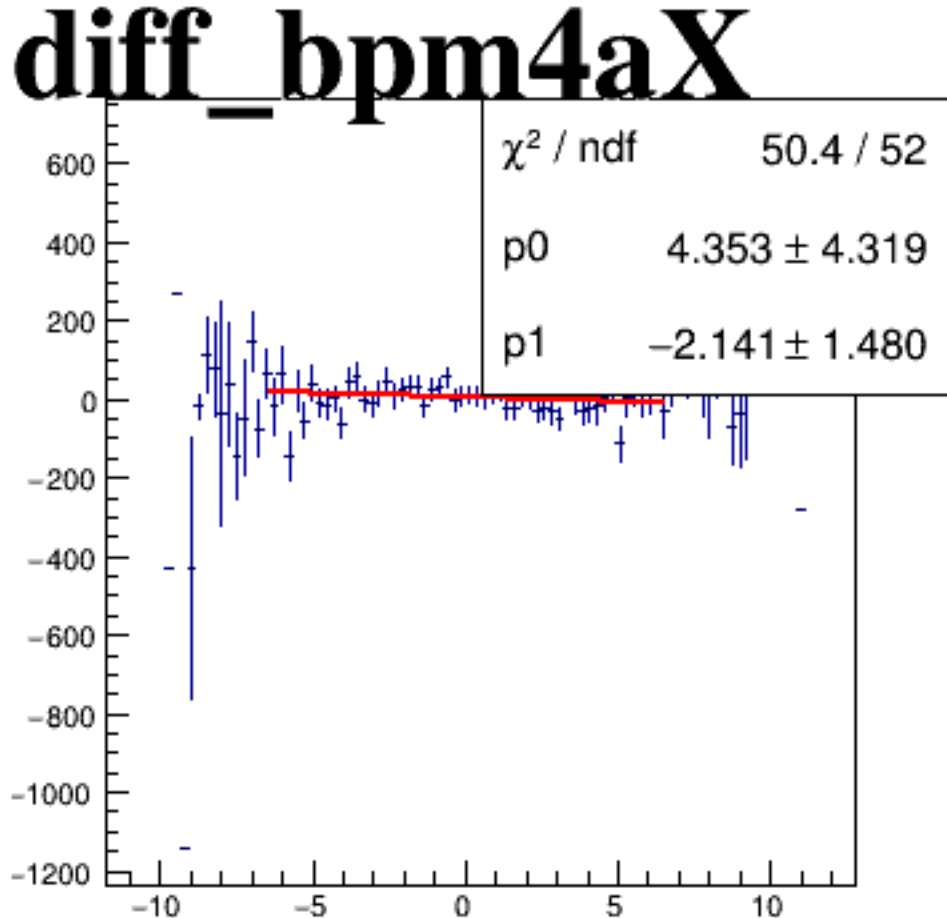
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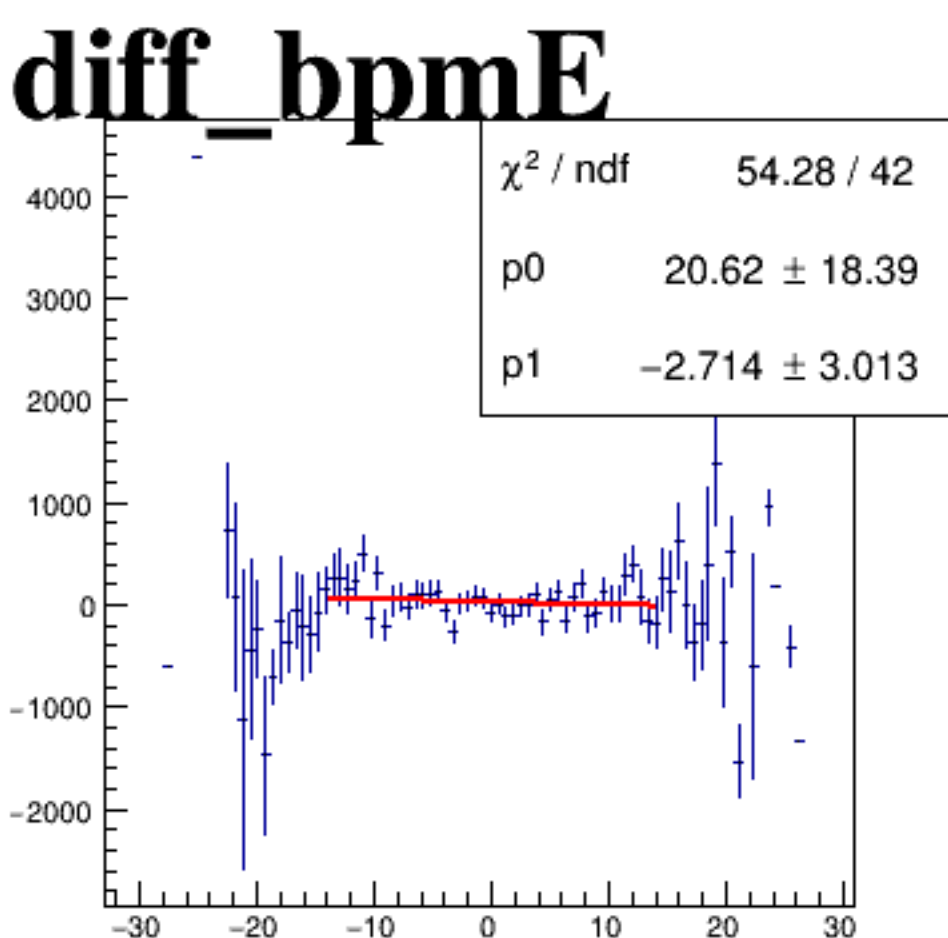
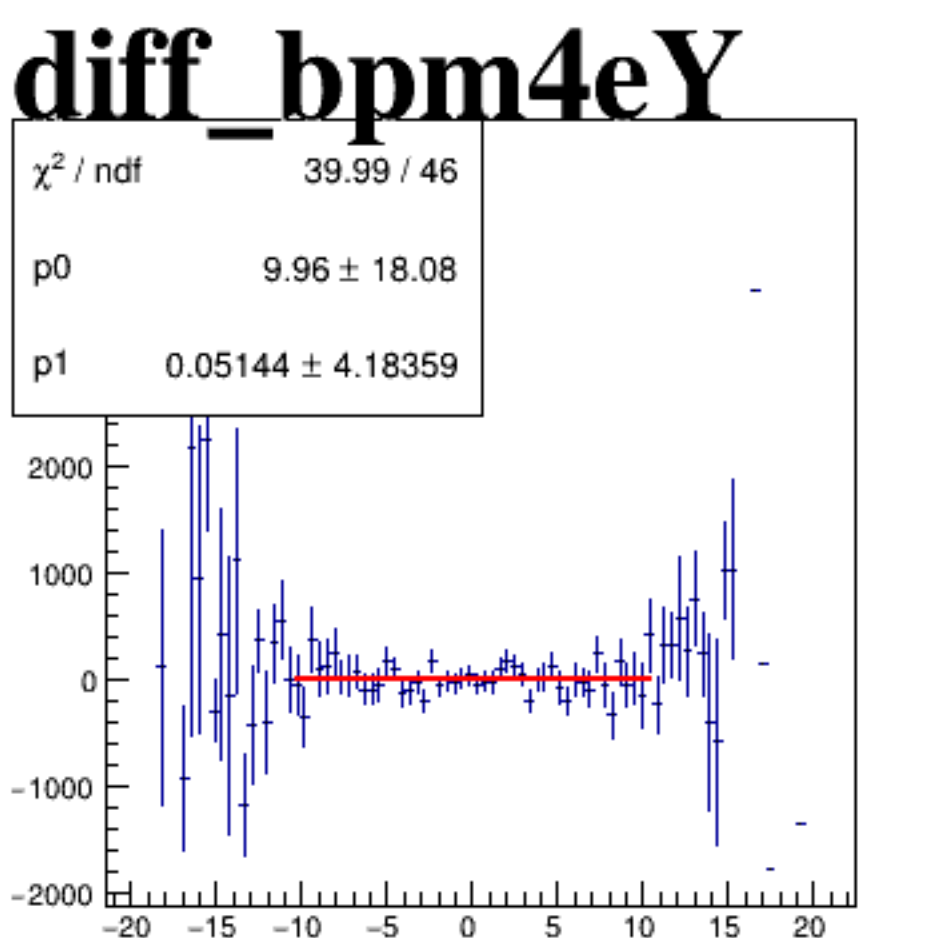
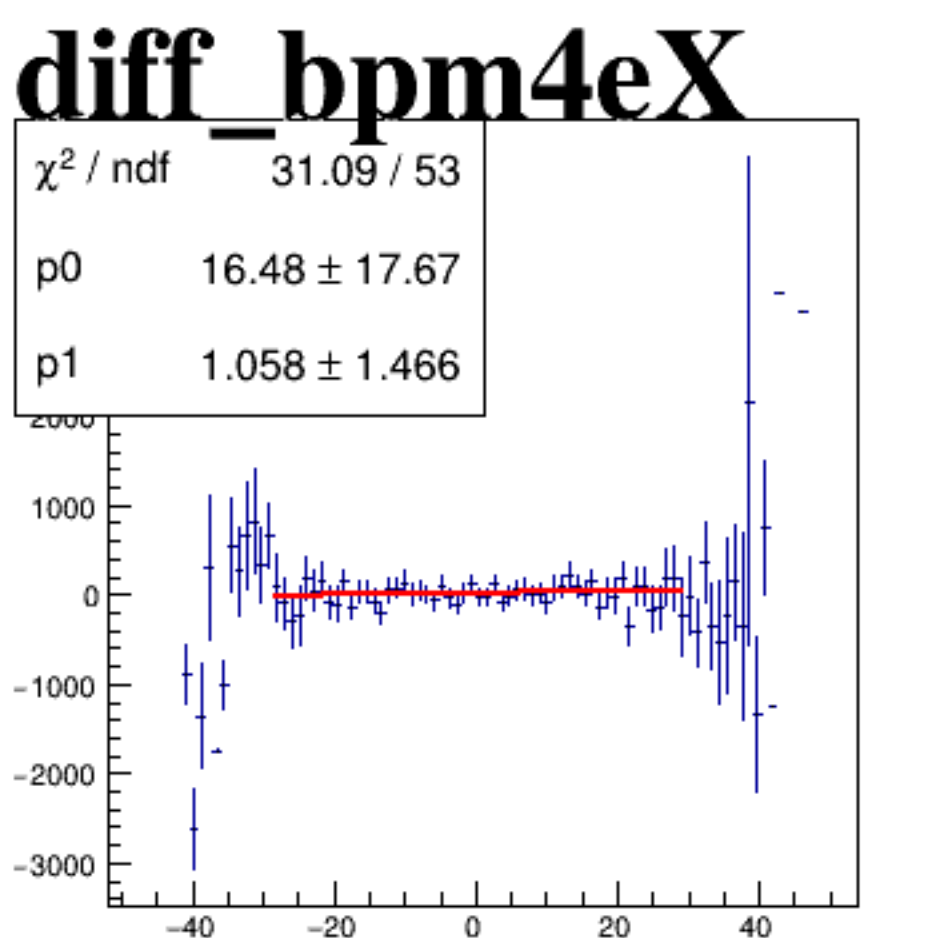
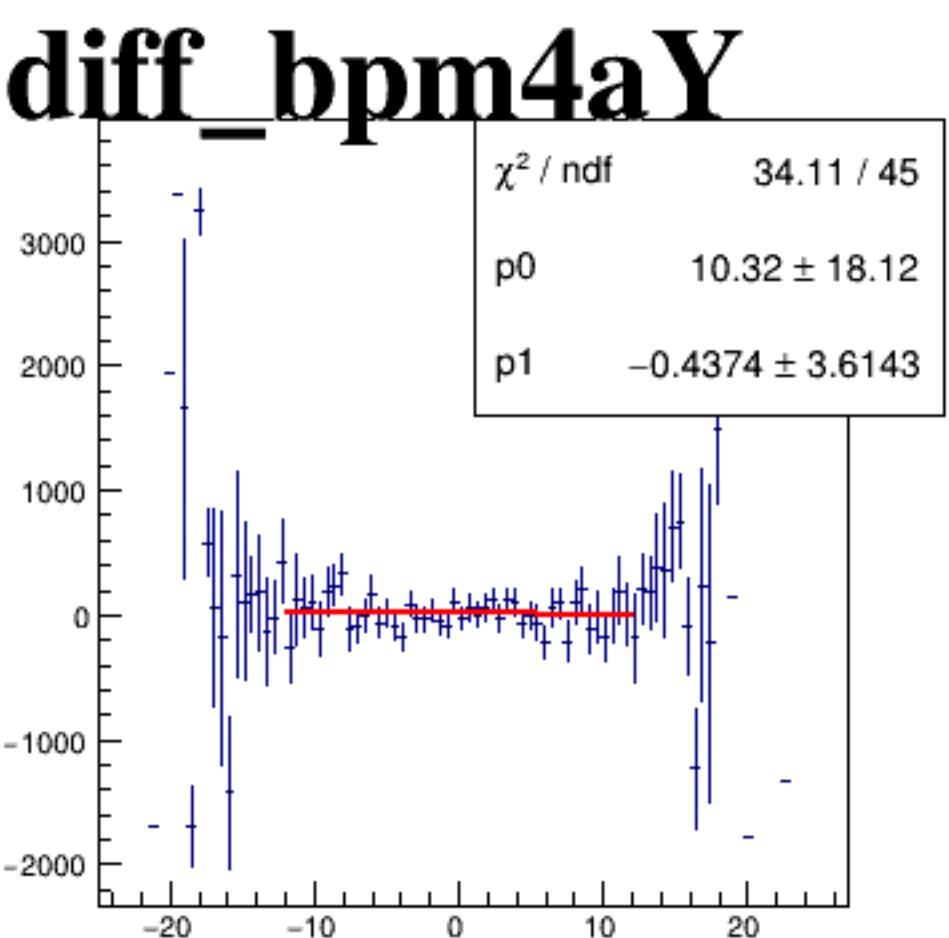
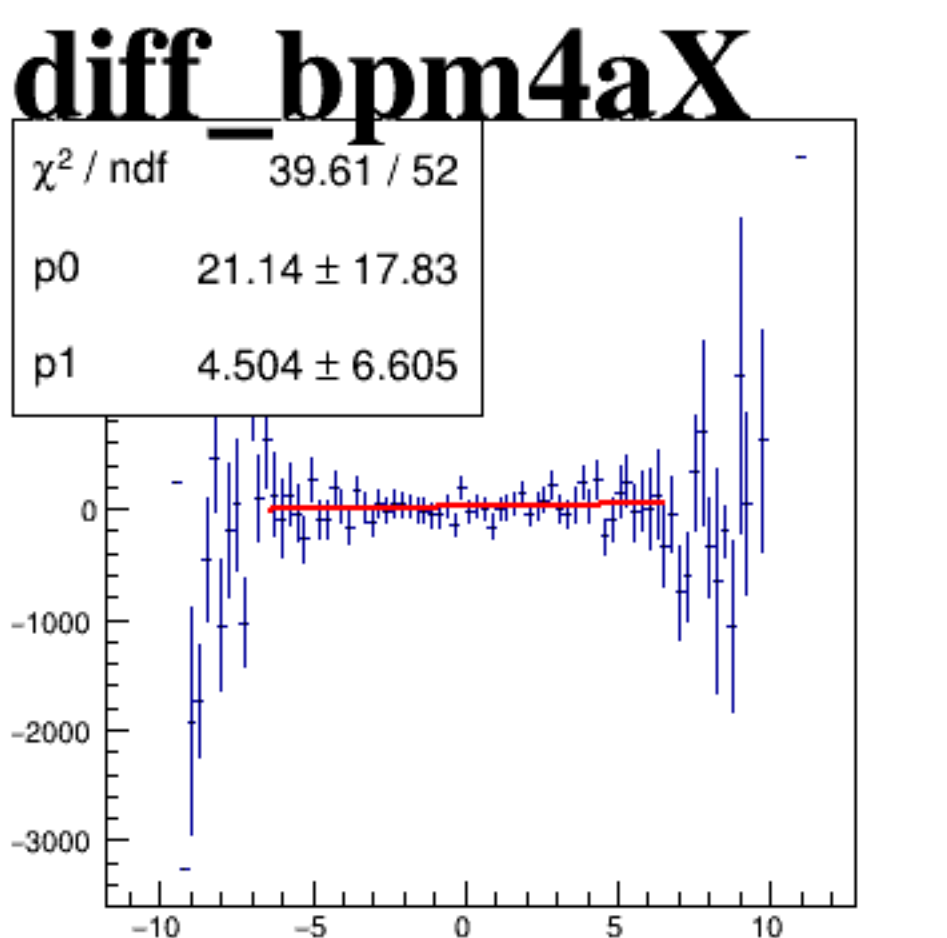
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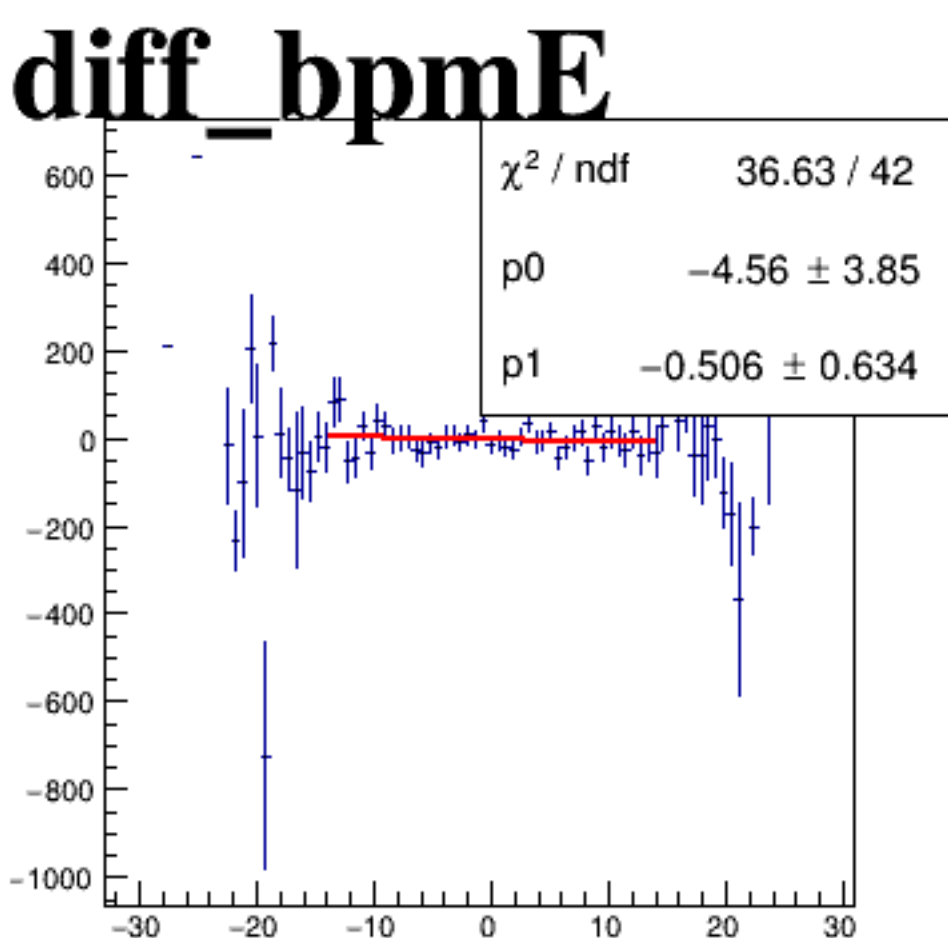
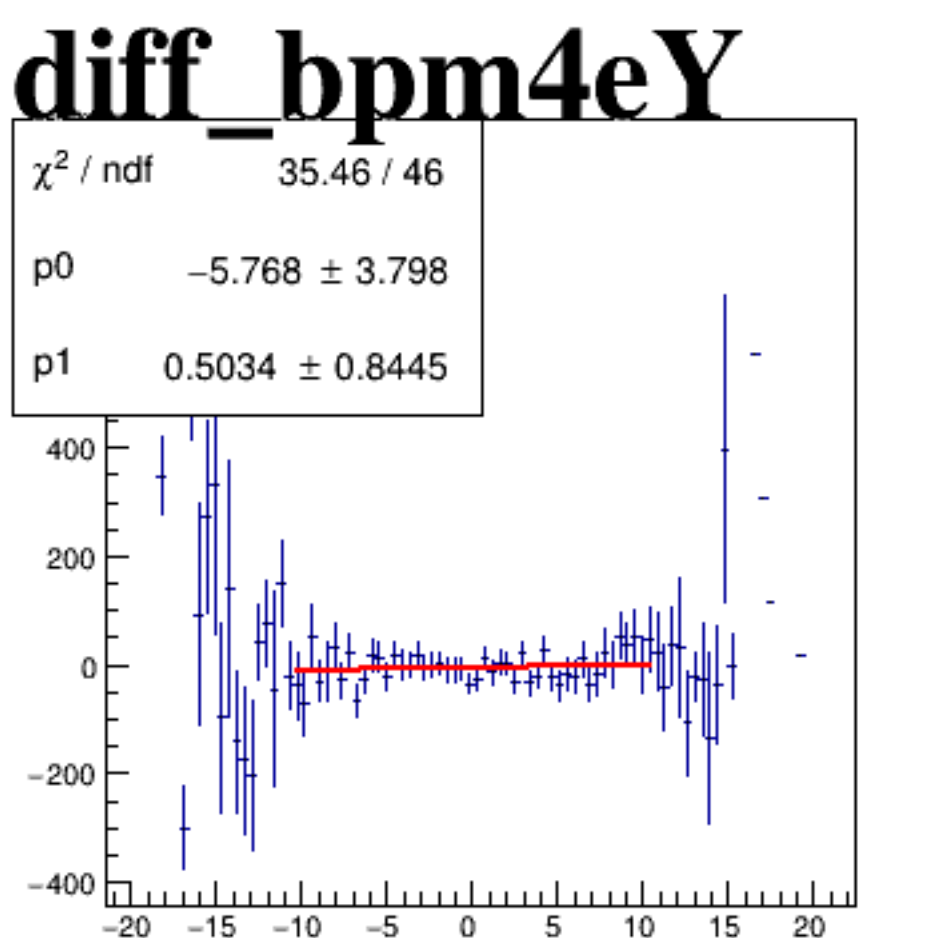
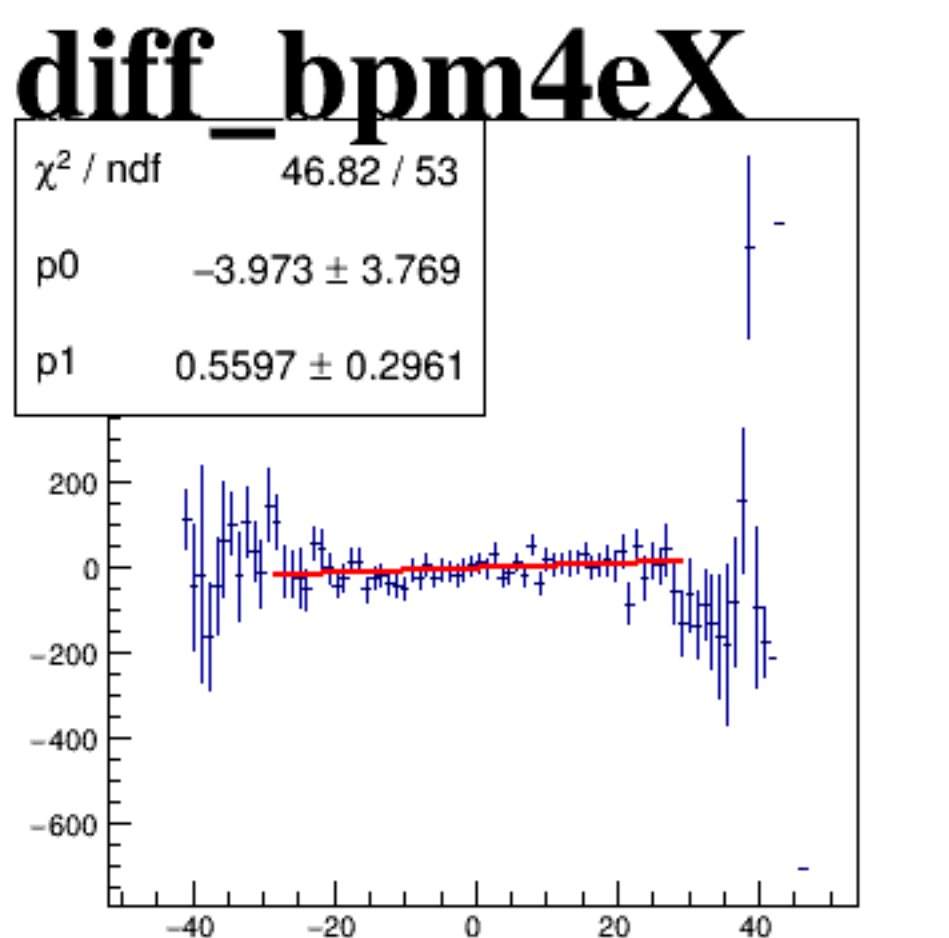
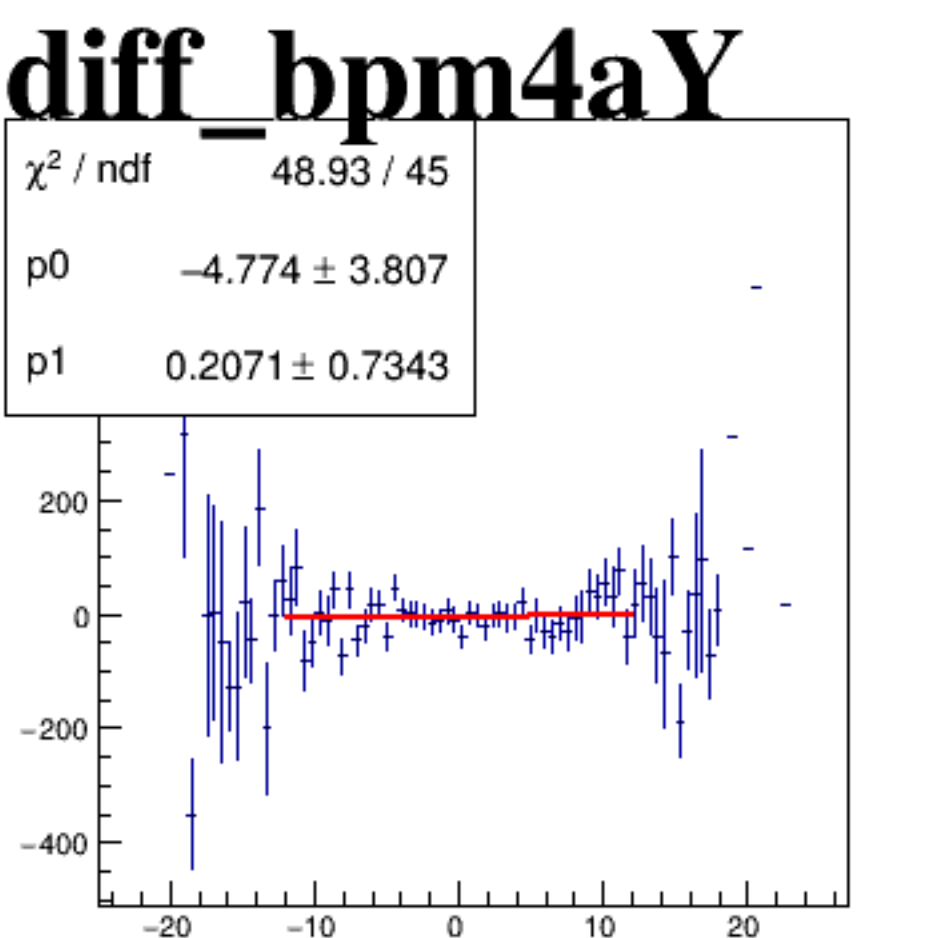
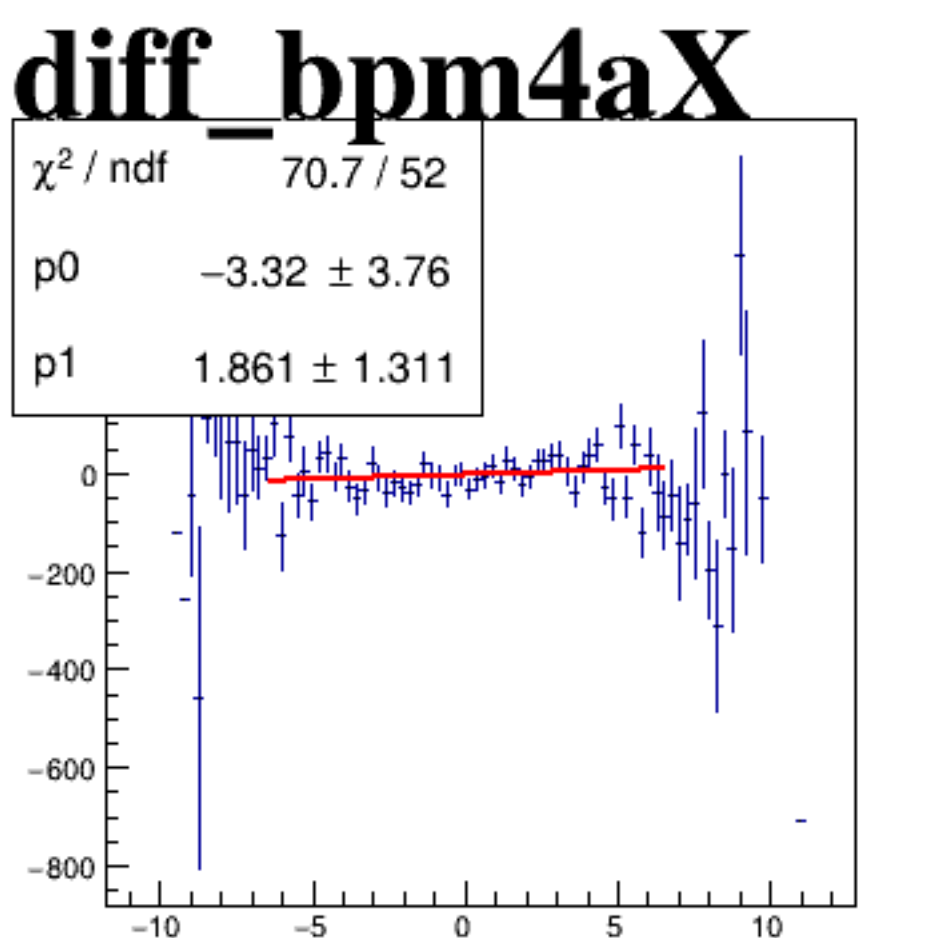
reg_asym_sam1



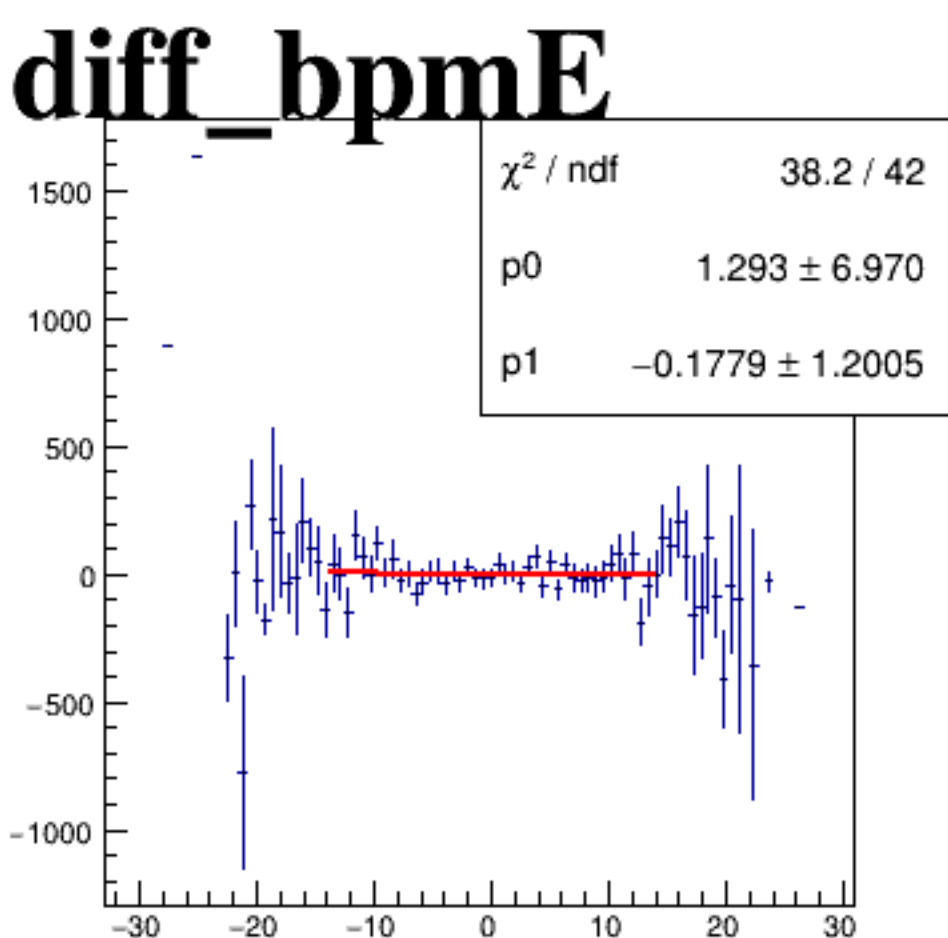
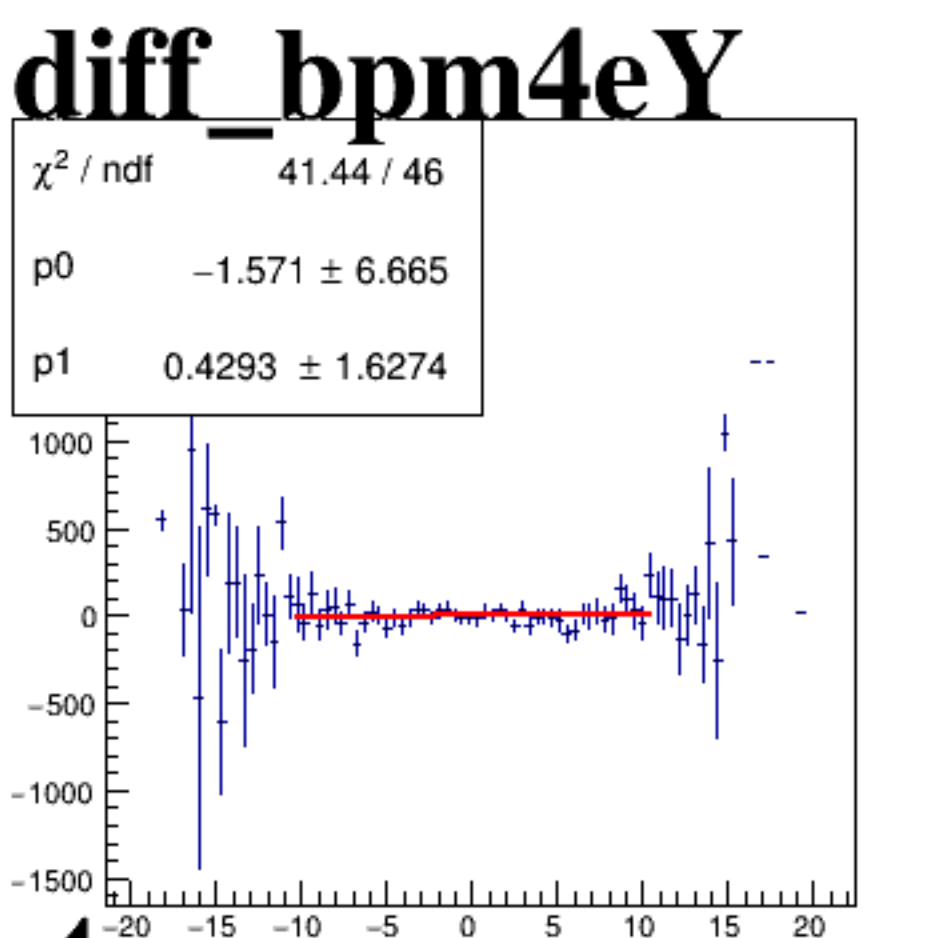
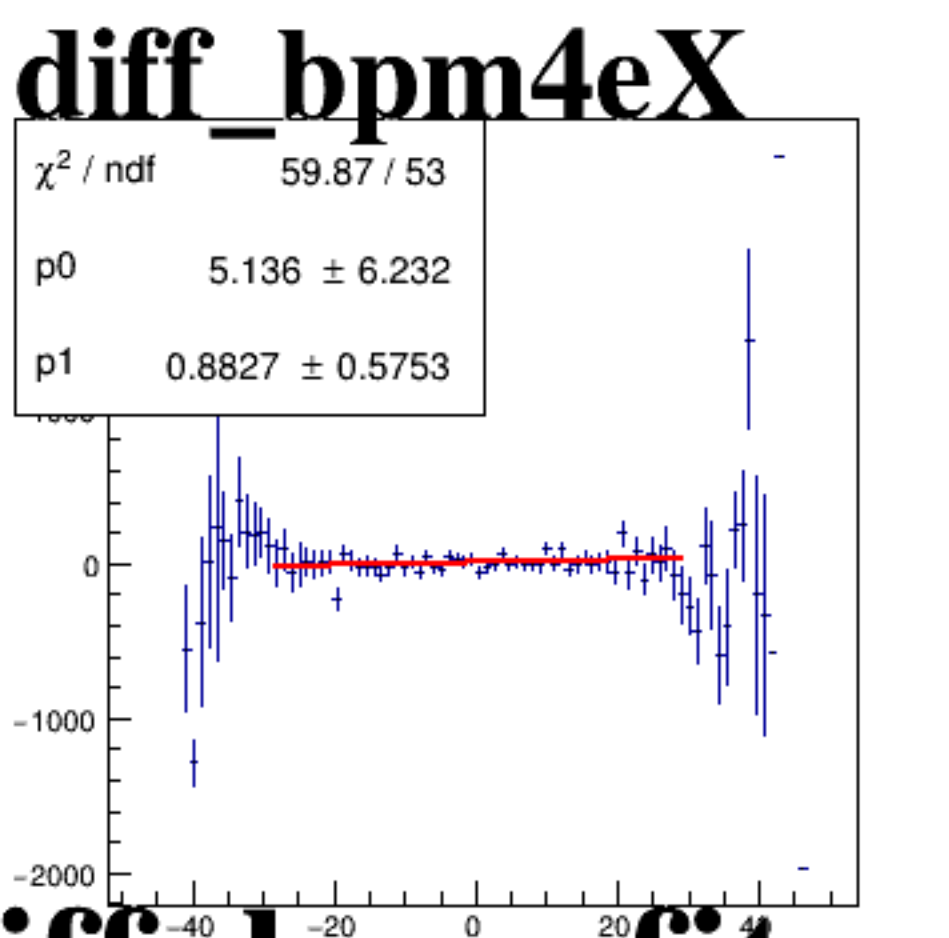
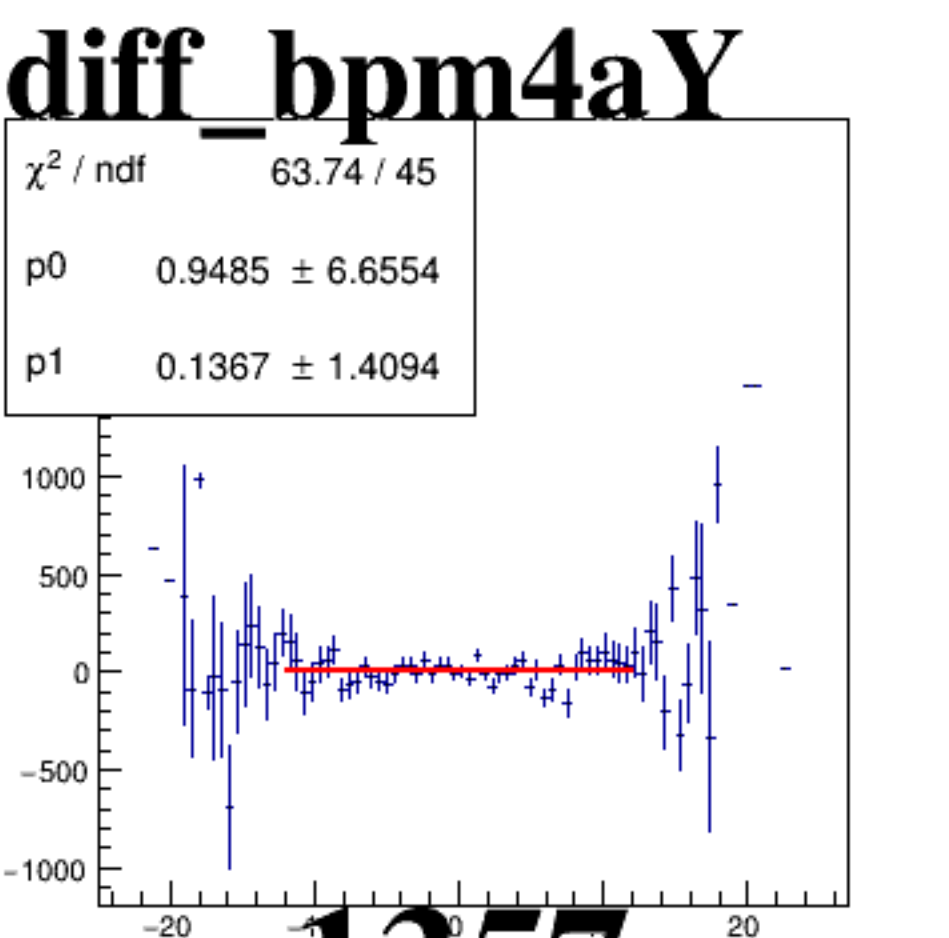
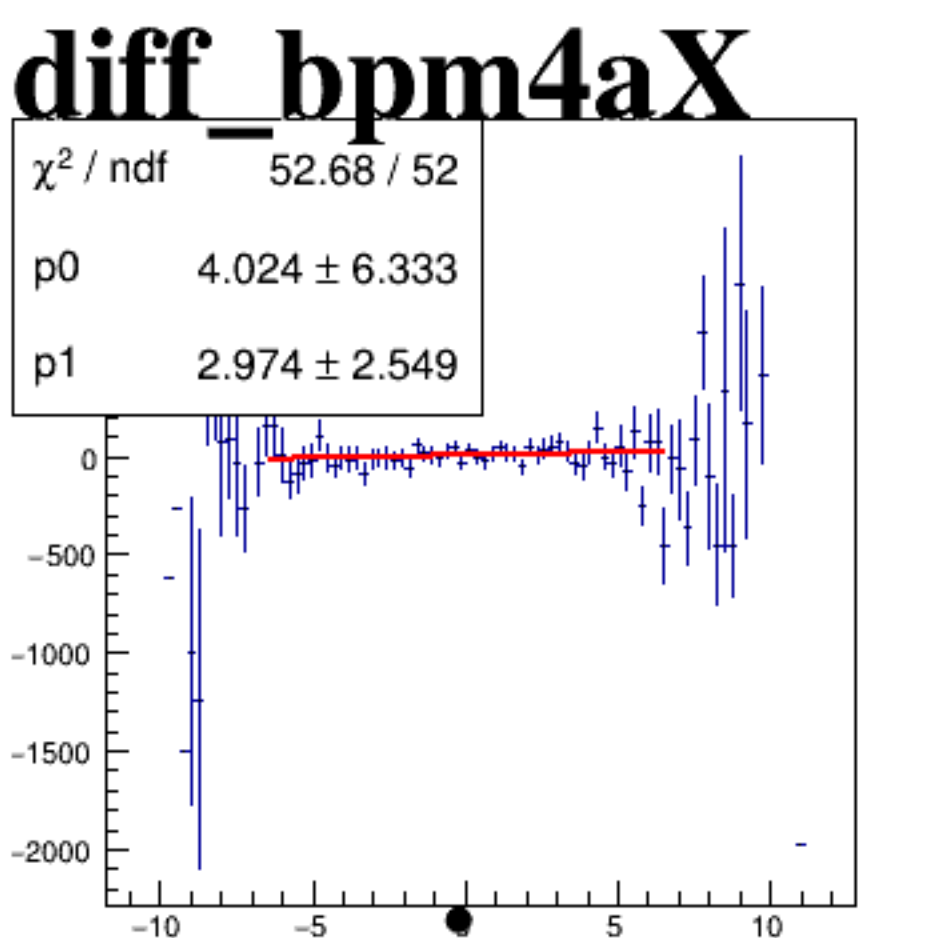
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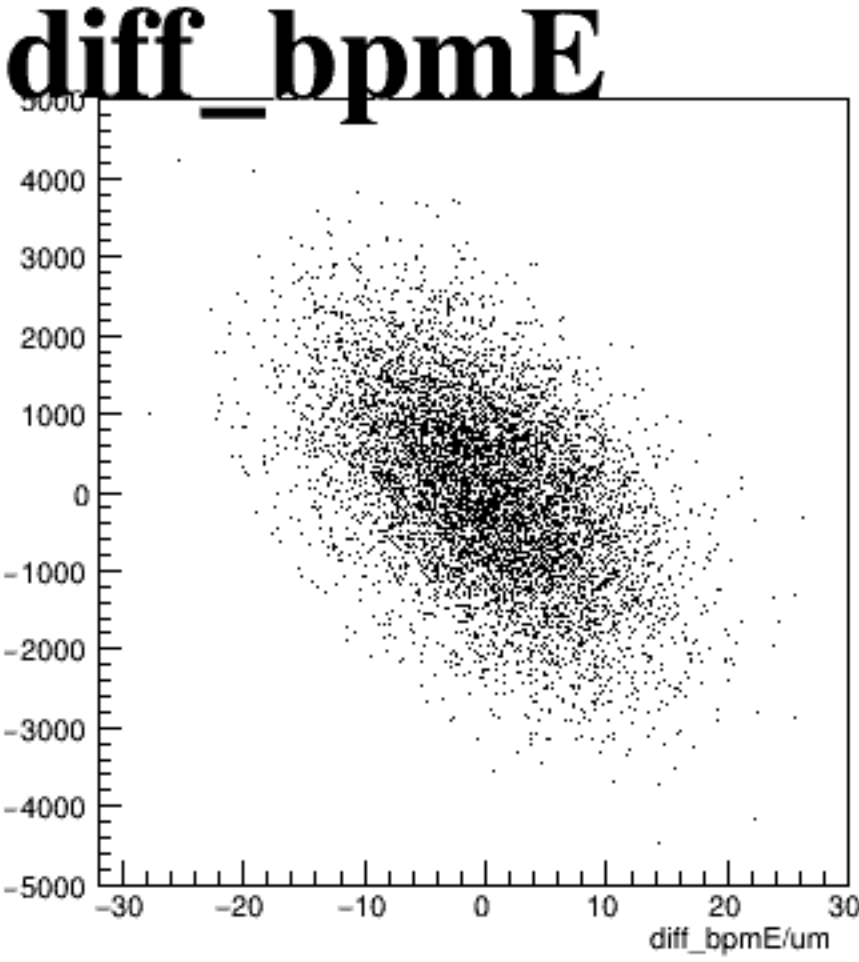
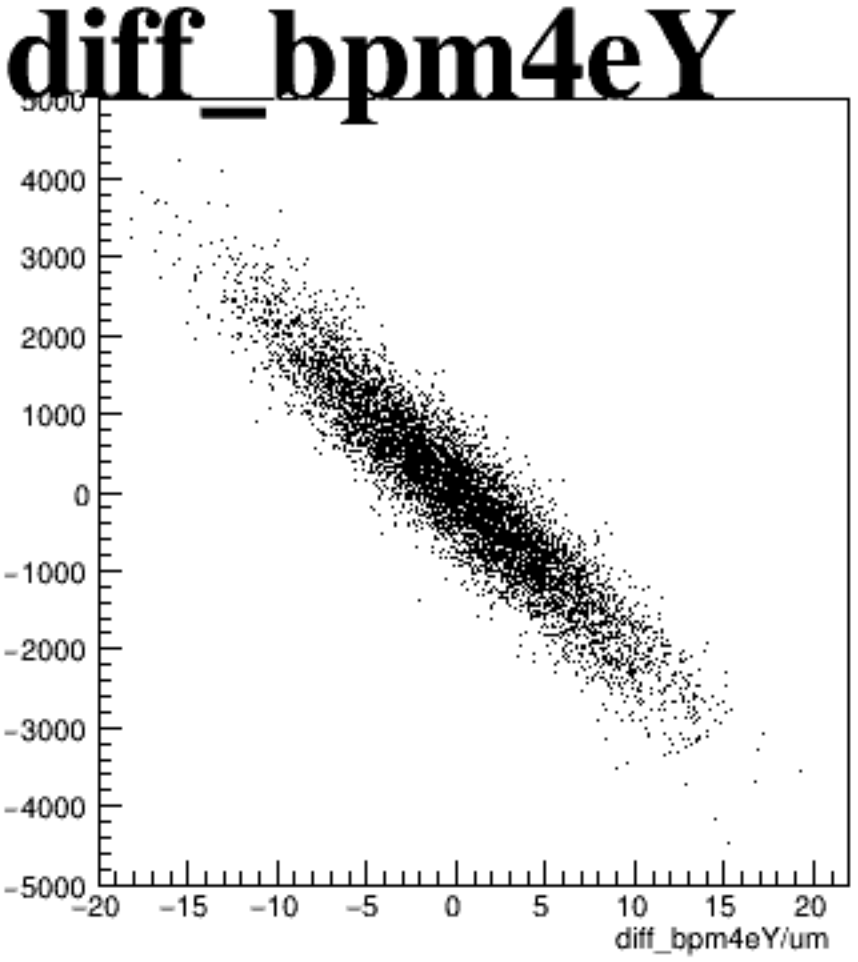
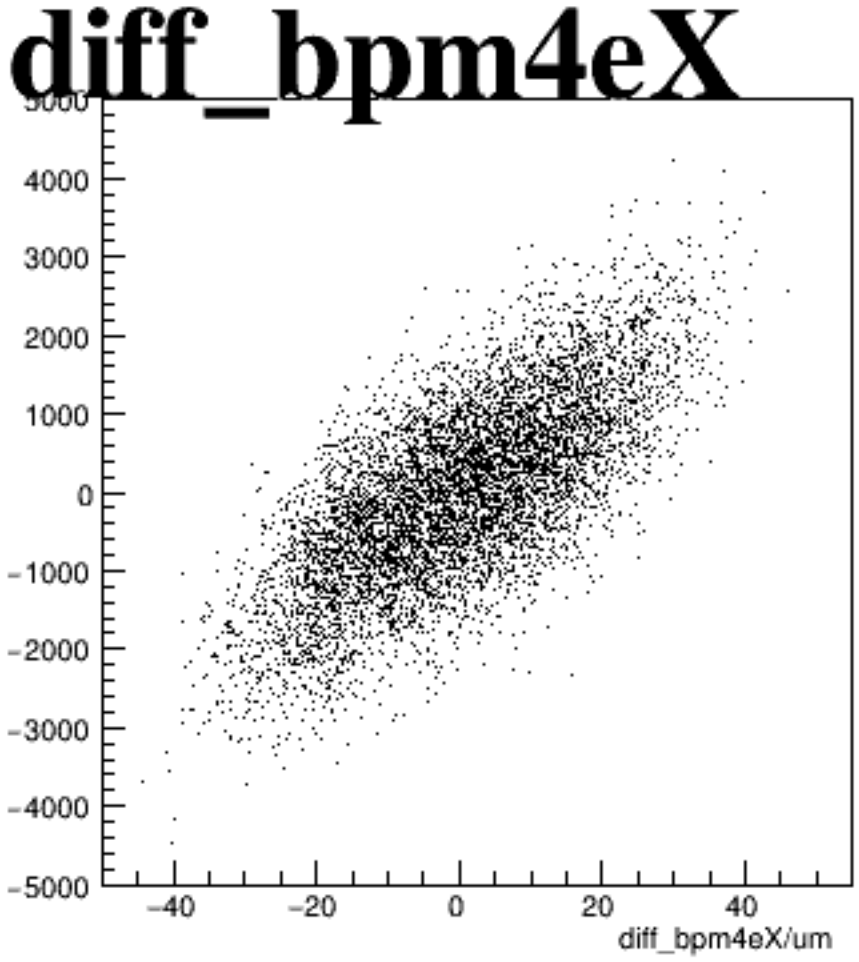
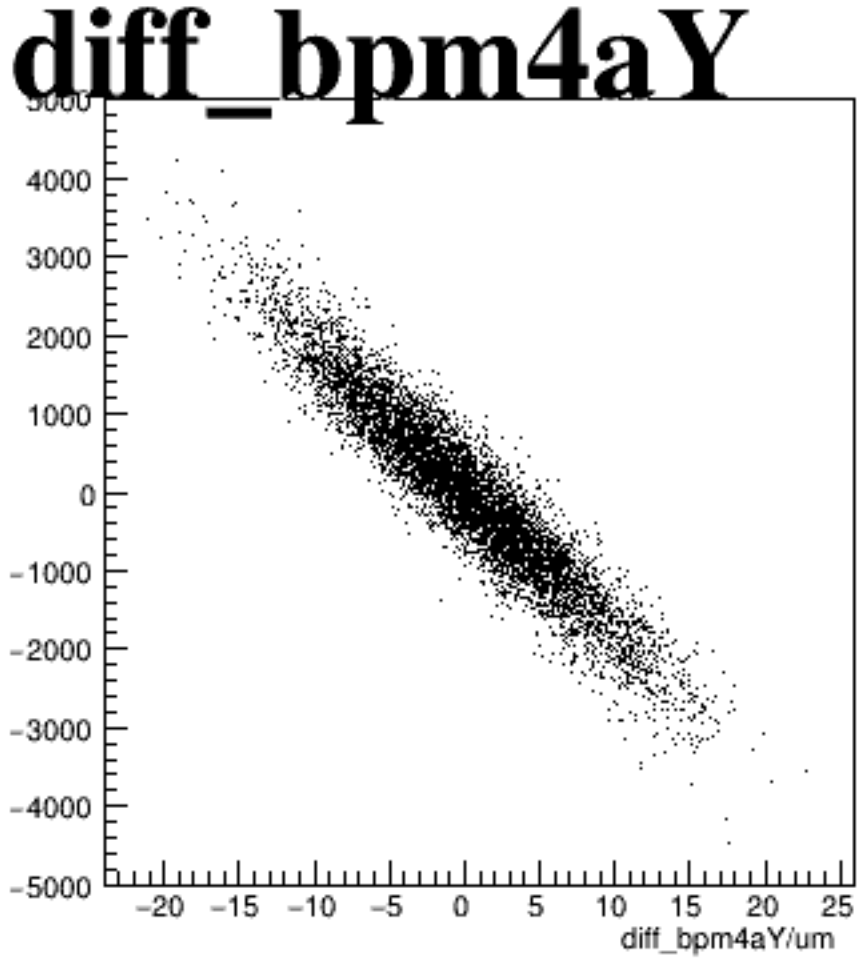
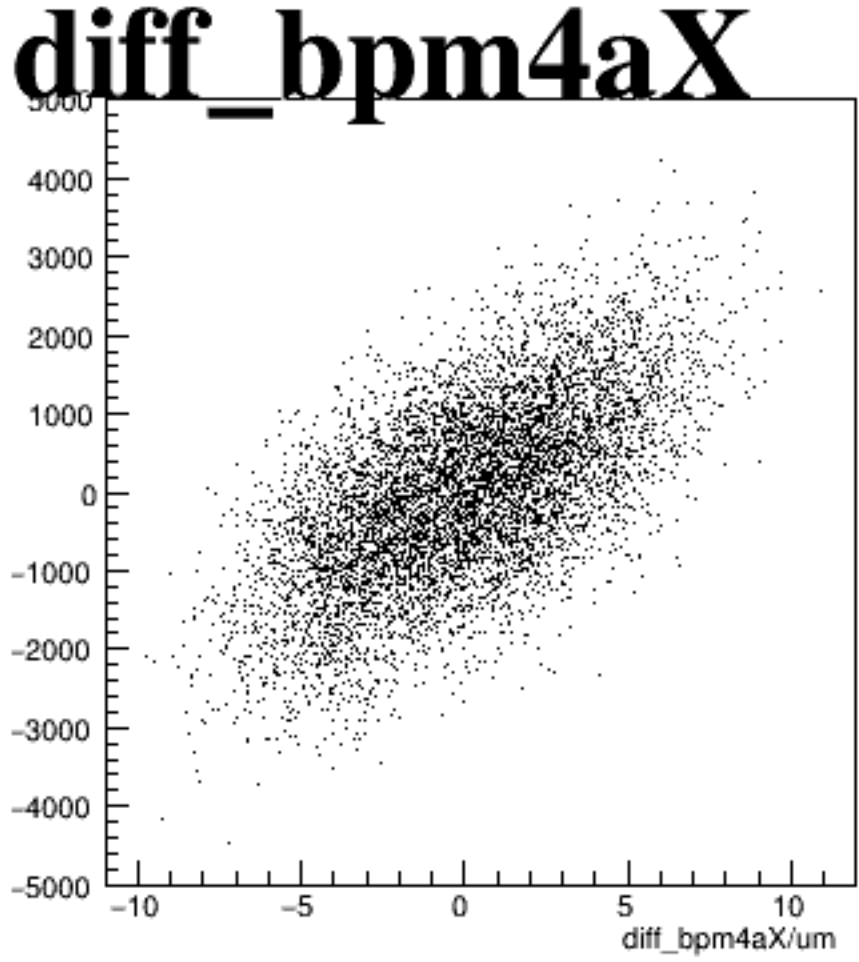
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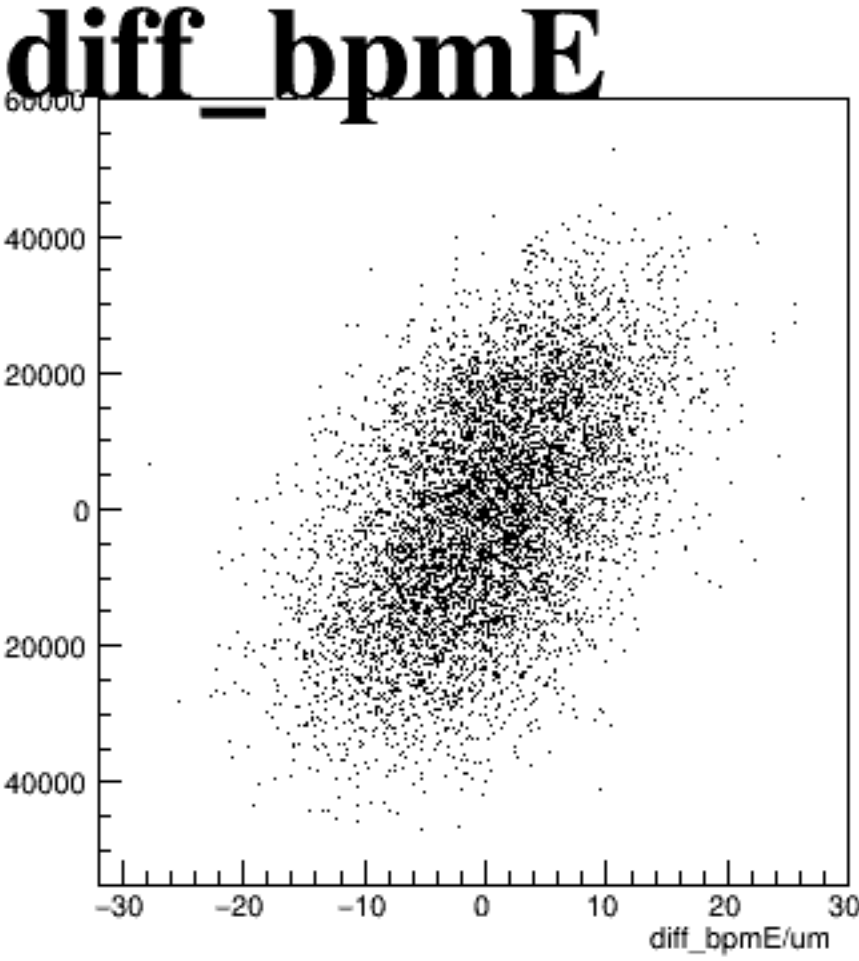
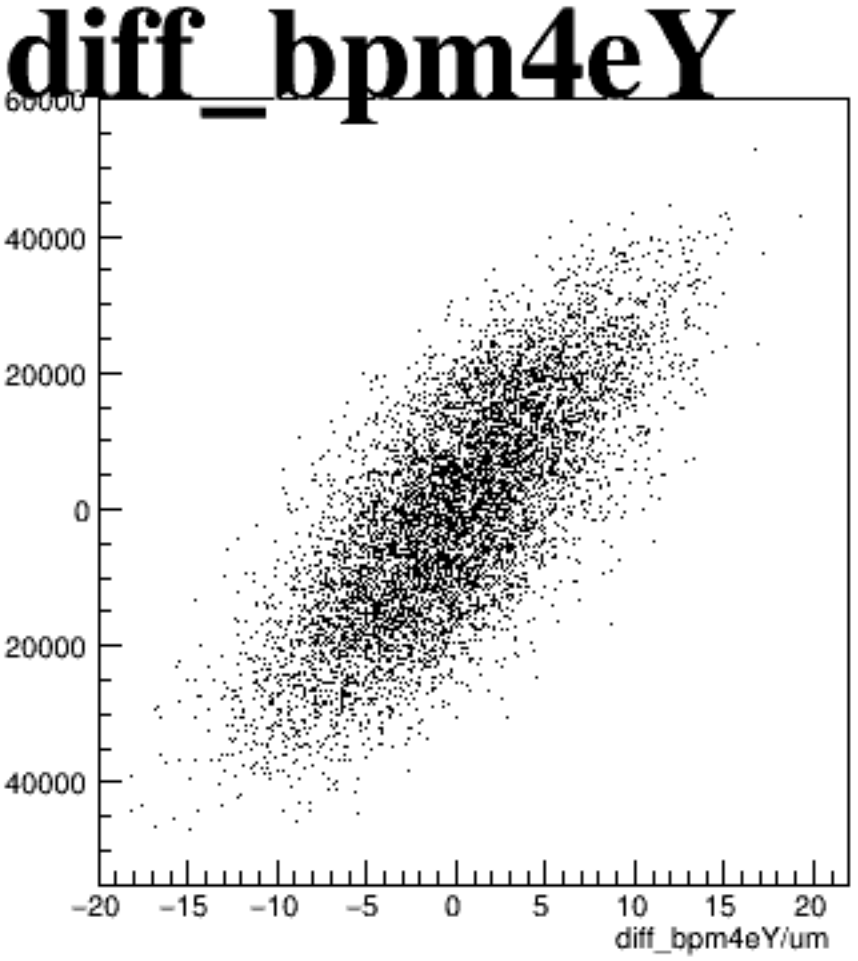
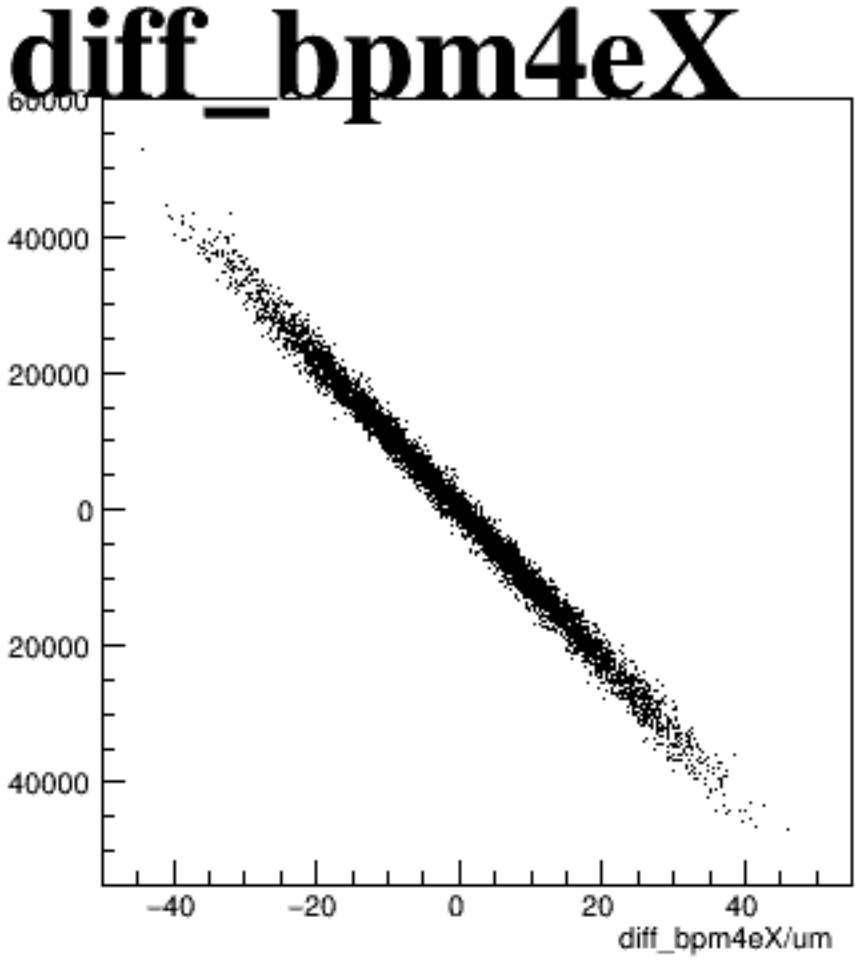
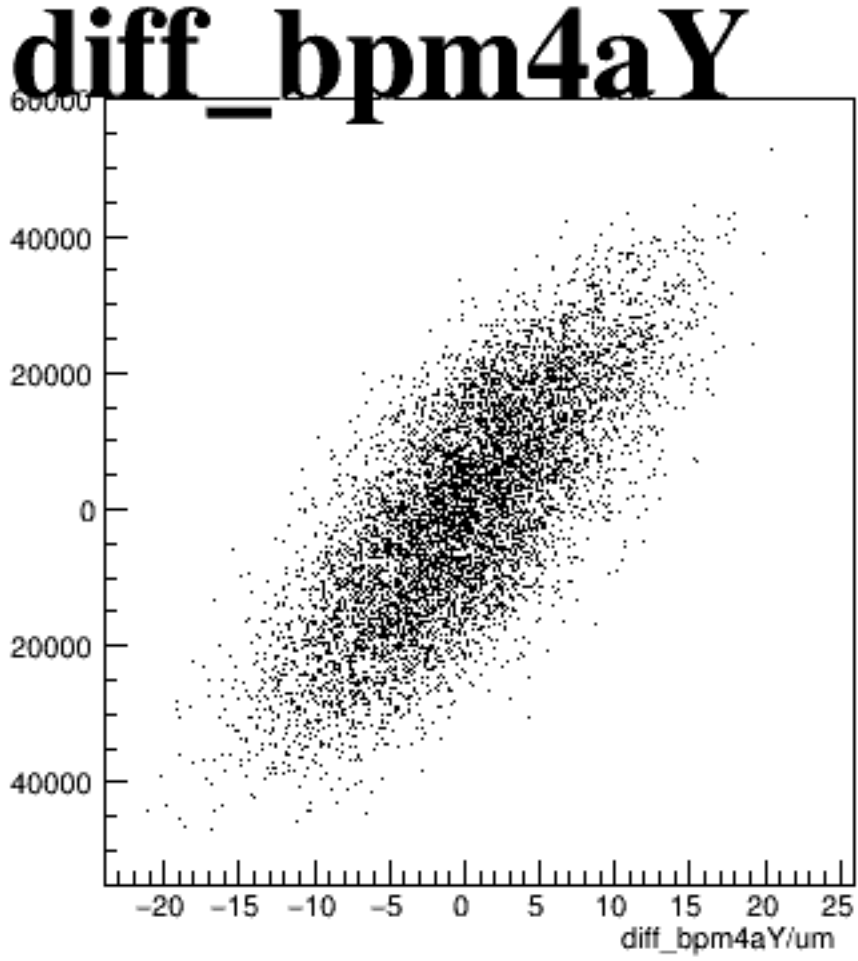
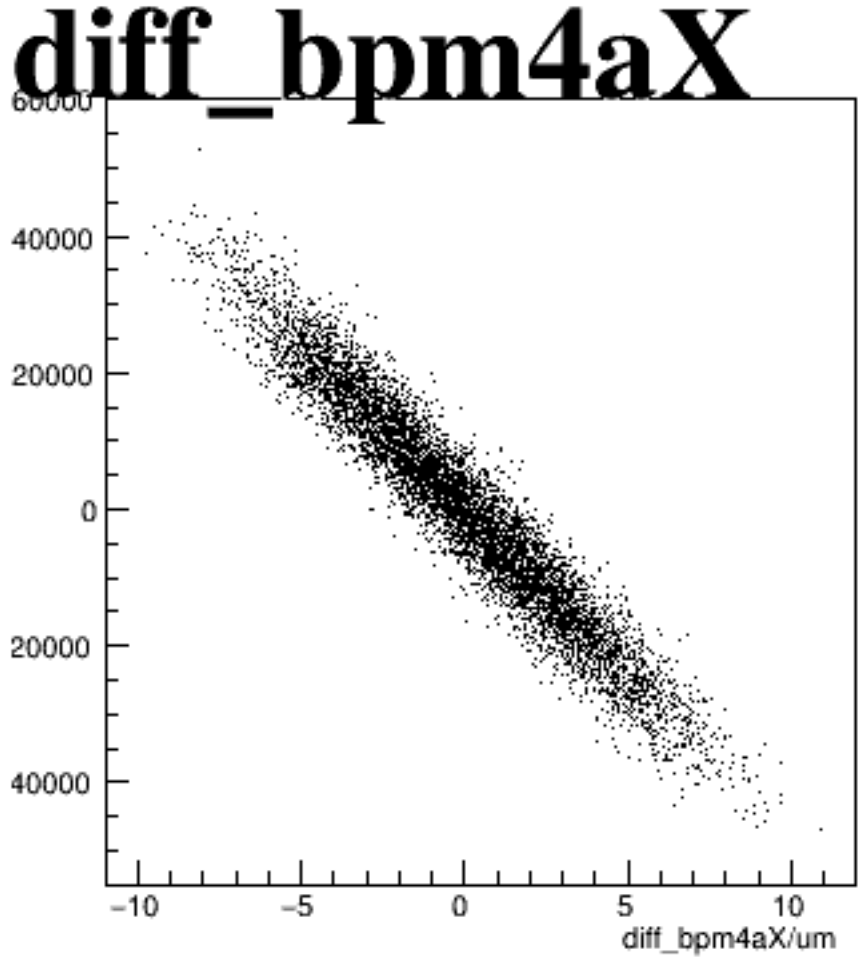
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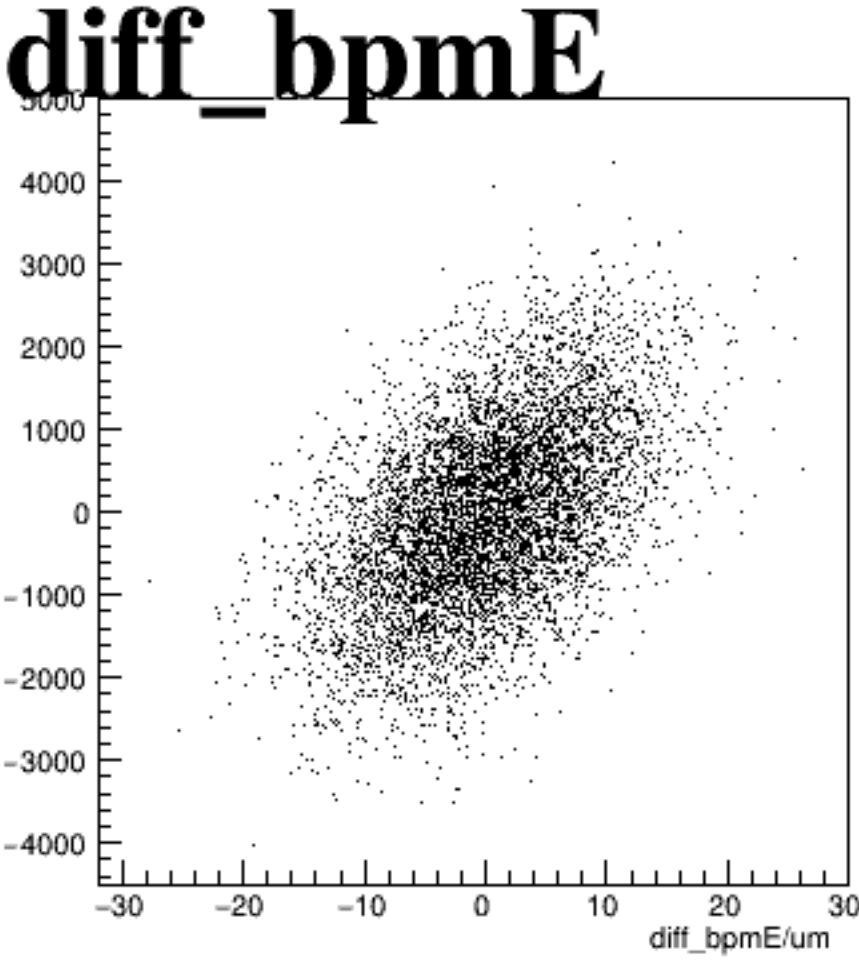
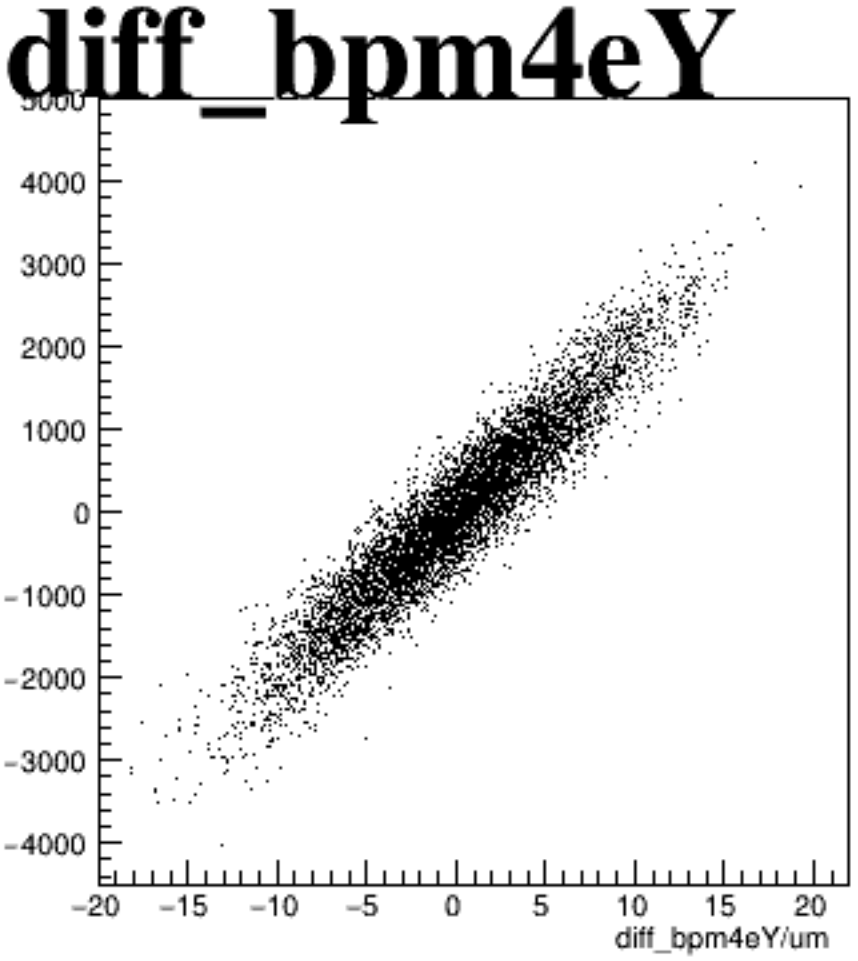
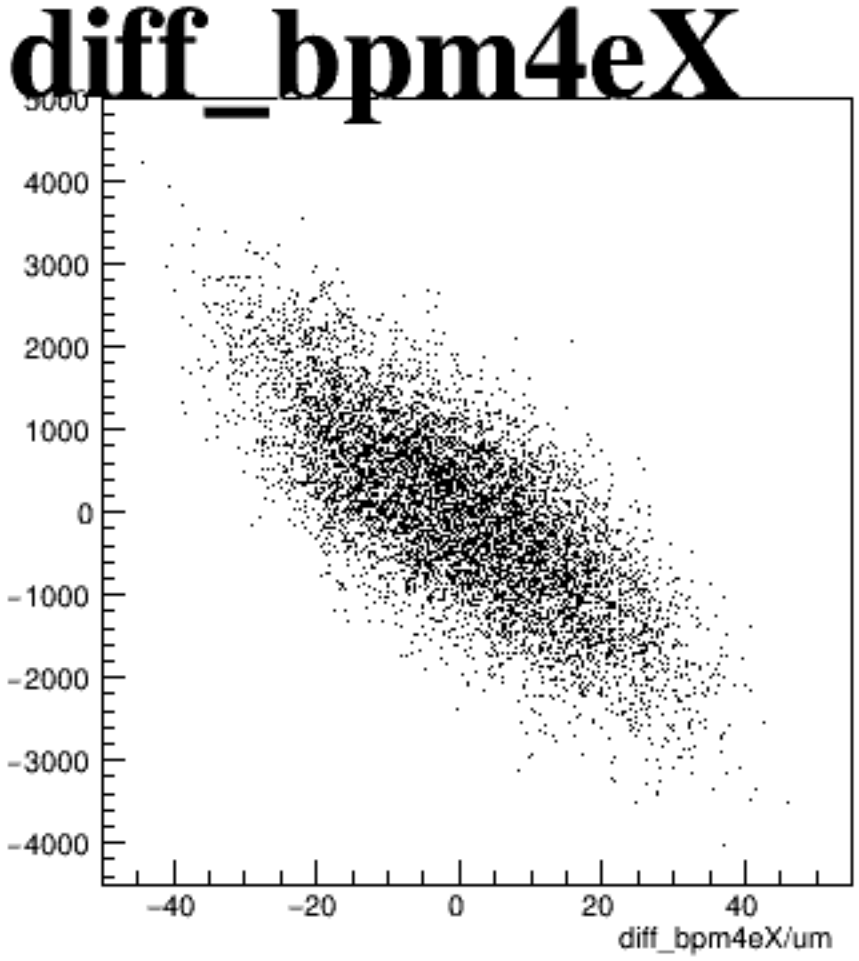
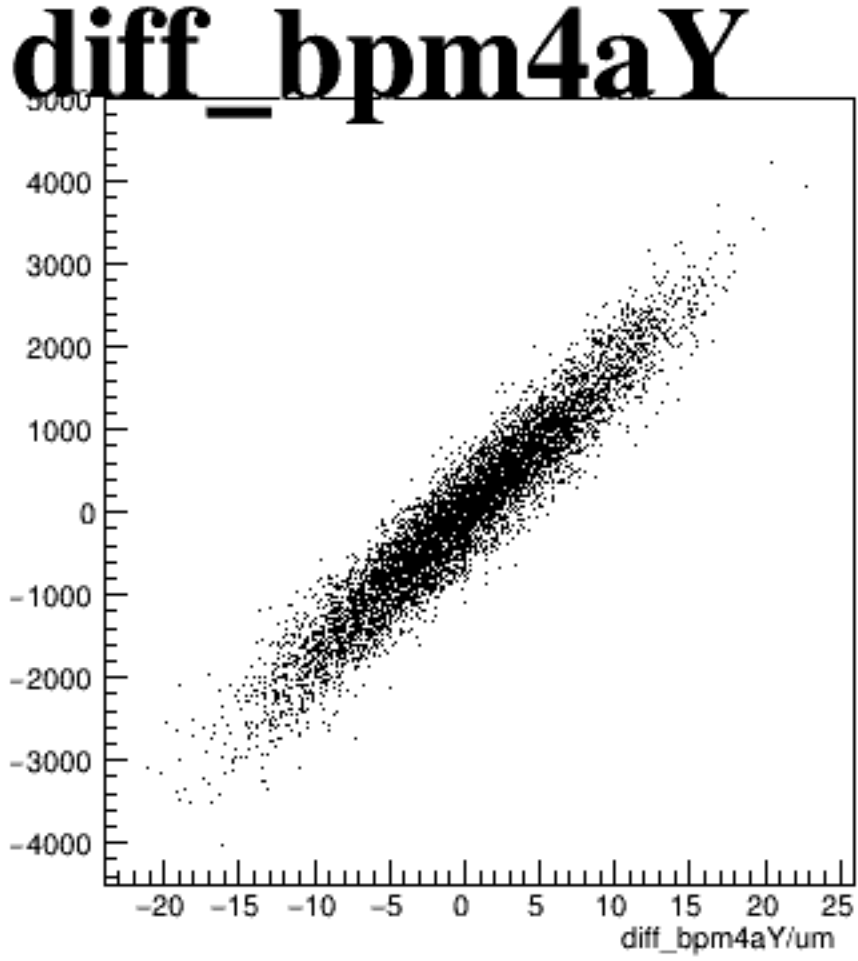
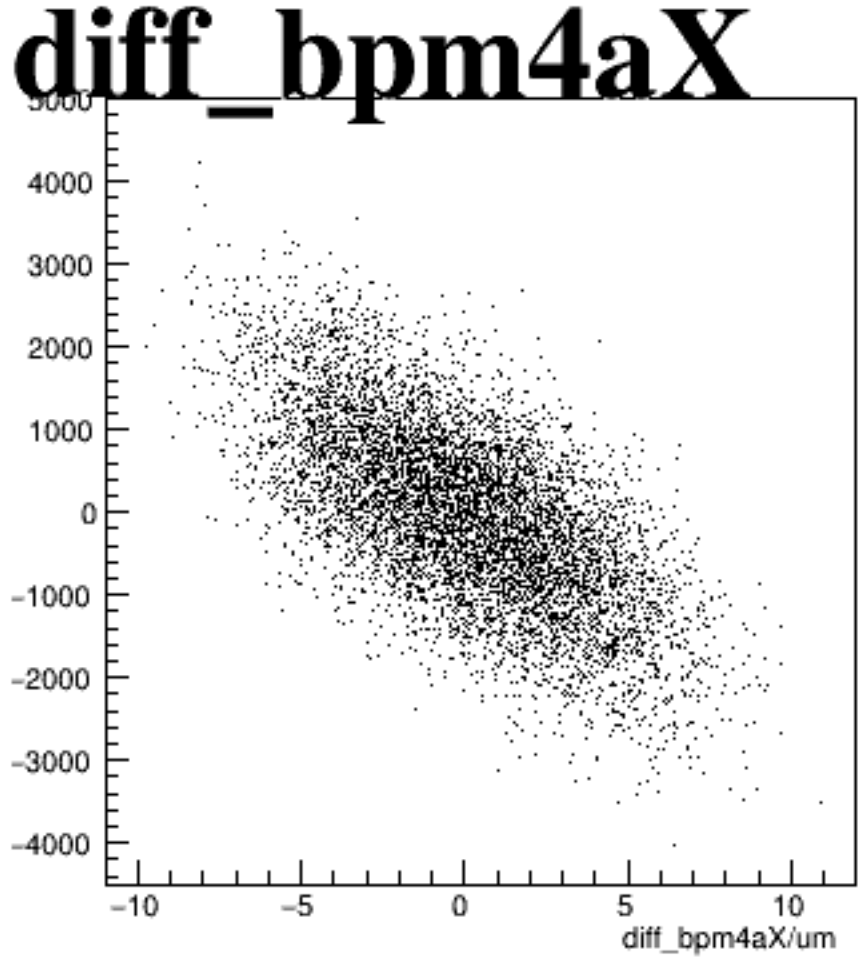
asym_sam1



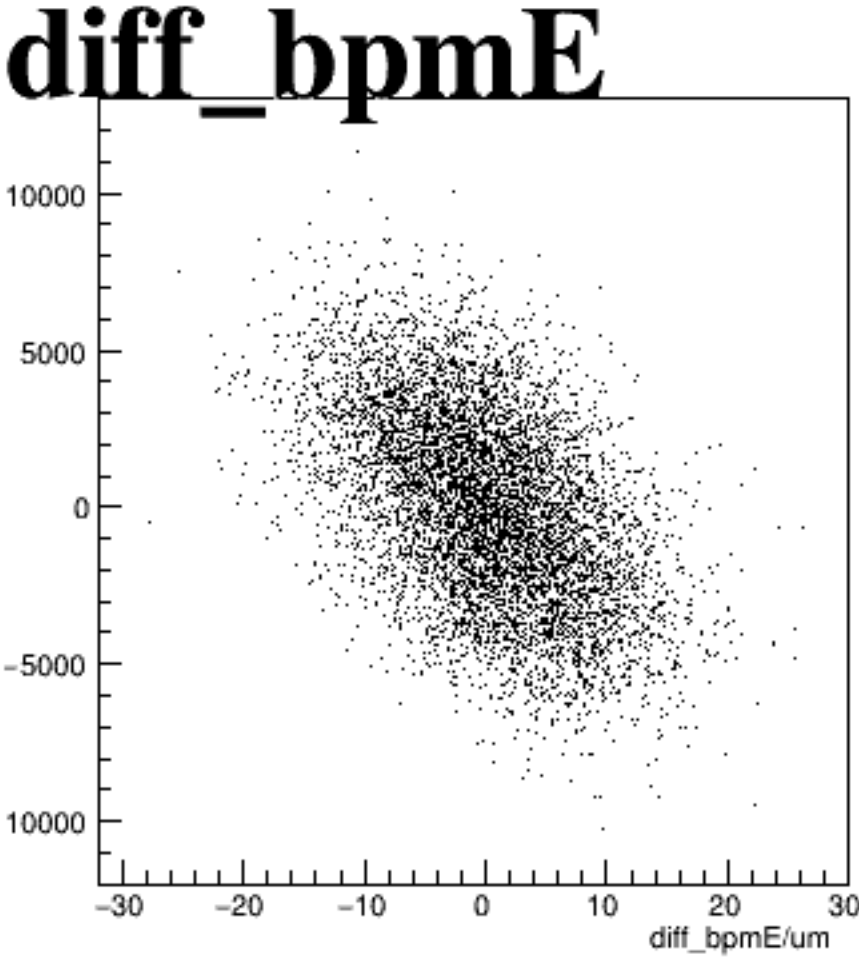
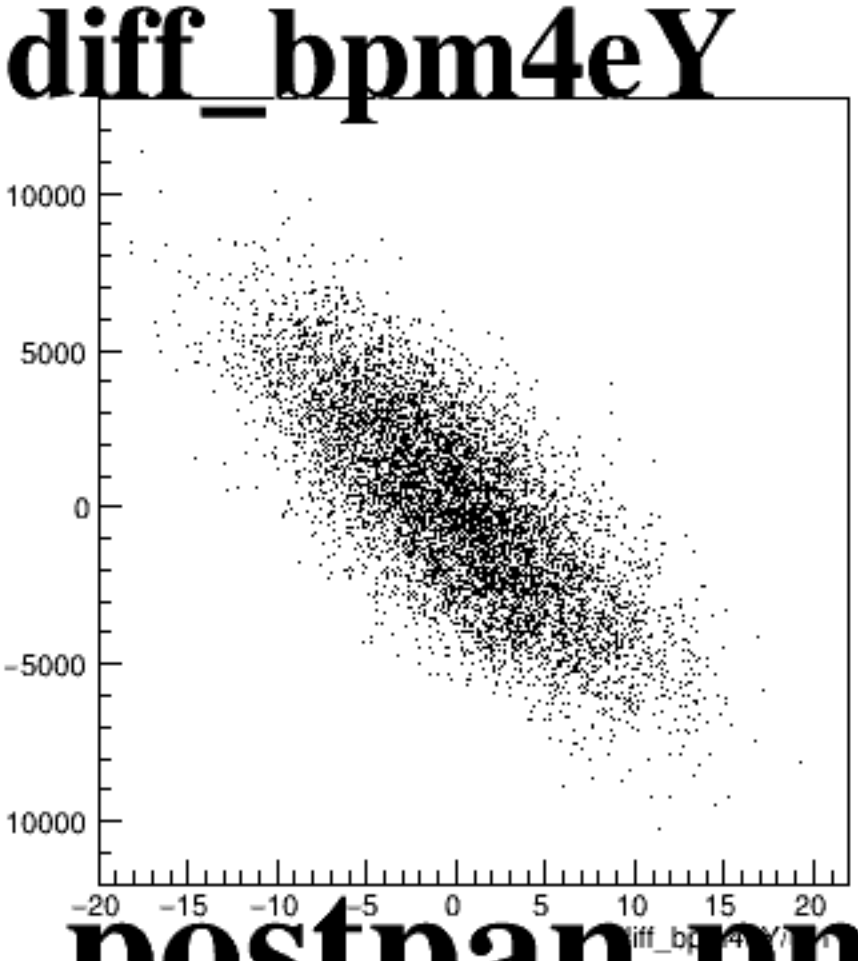
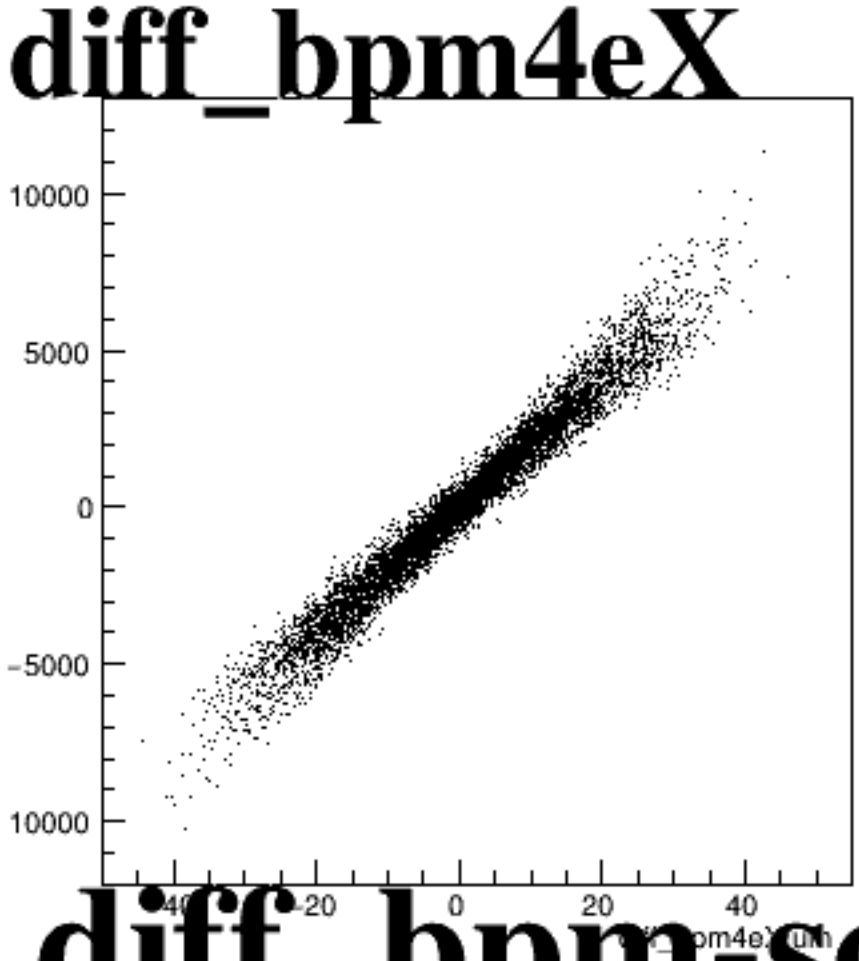
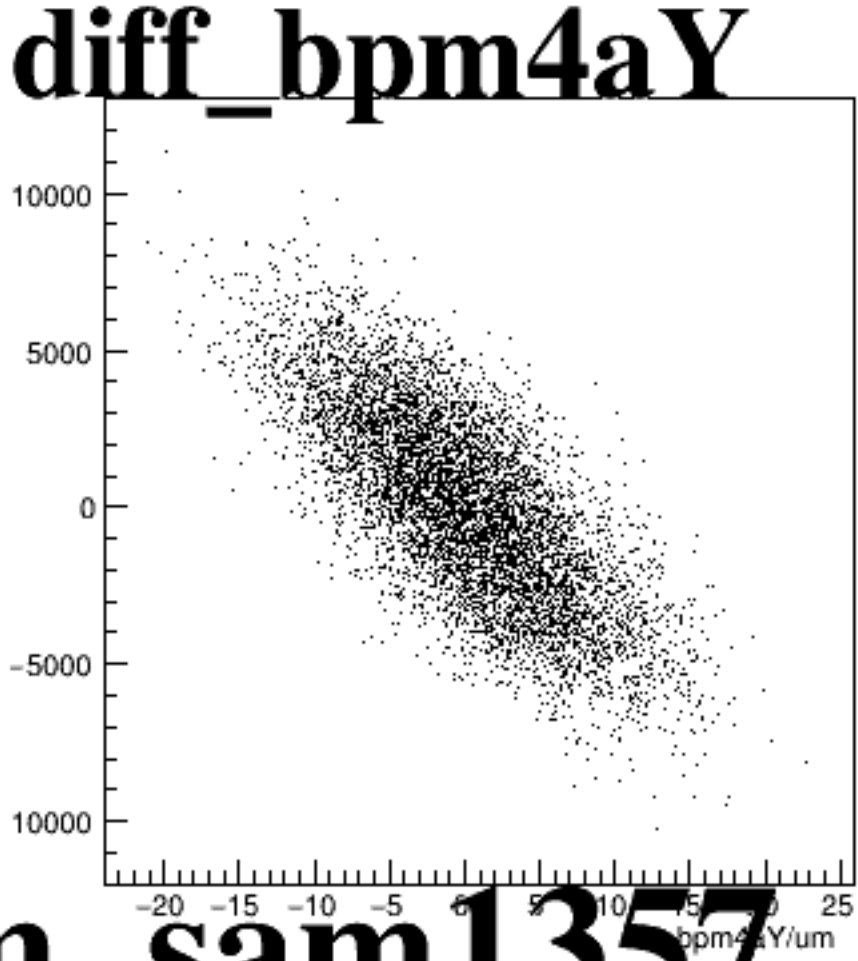
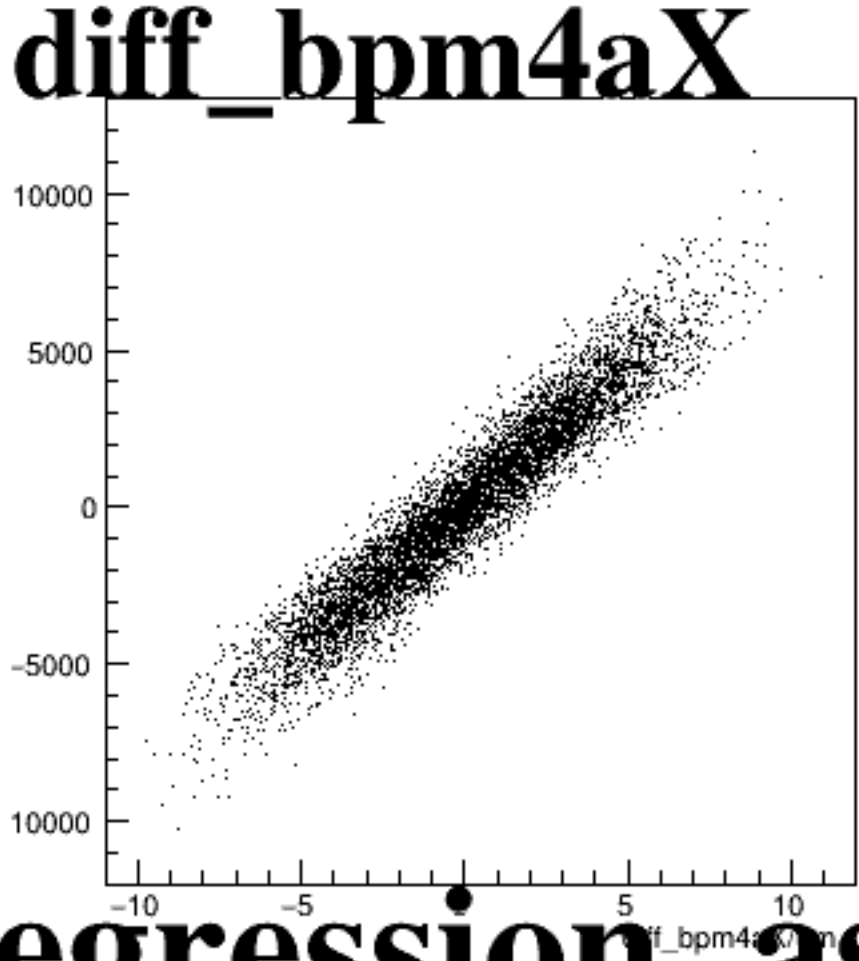
asym_sam3



asym_sam5



asym_sam7



The figure displays five scatter plots, each representing the distribution of difference coordinates for a specific beam position monitor (BPM). The y-axis for all plots ranges from -1500 to 1500. The x-axis labels and ranges are as follows:

- diff_bpm4aX**: x-axis ranges from -10 to 10.
- diff_bpm4aY**: x-axis ranges from -20 to 25.
- diff_bpm4eX**: x-axis ranges from -40 to 40.
- 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), forming a roughly circular Gaussian distribution. The density of points is highest in the center and decreases towards the edges of the distribution.