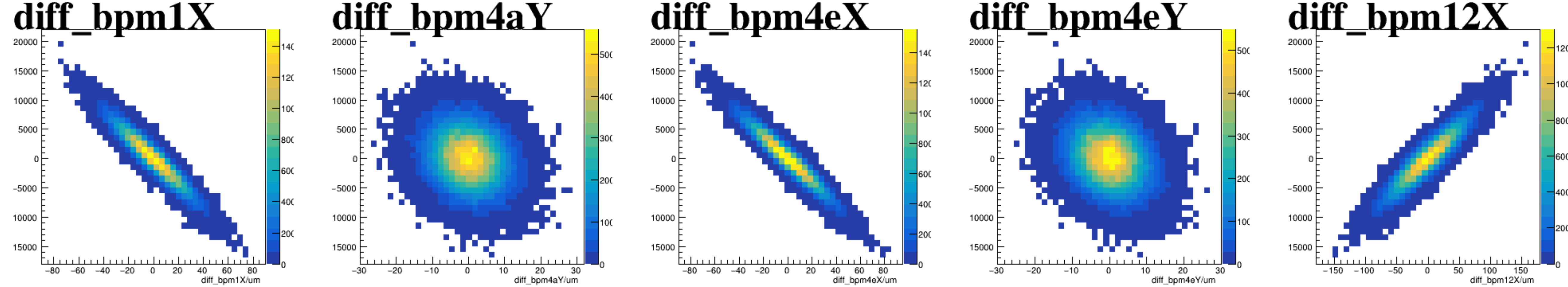
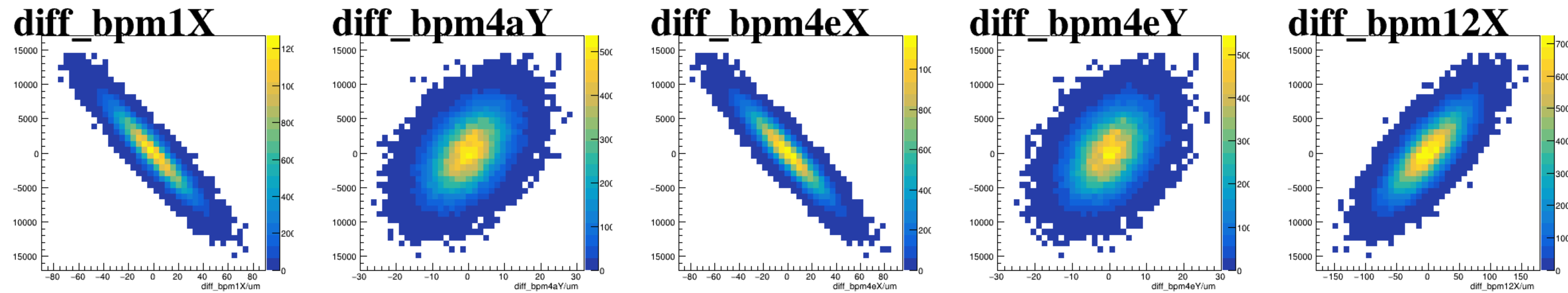


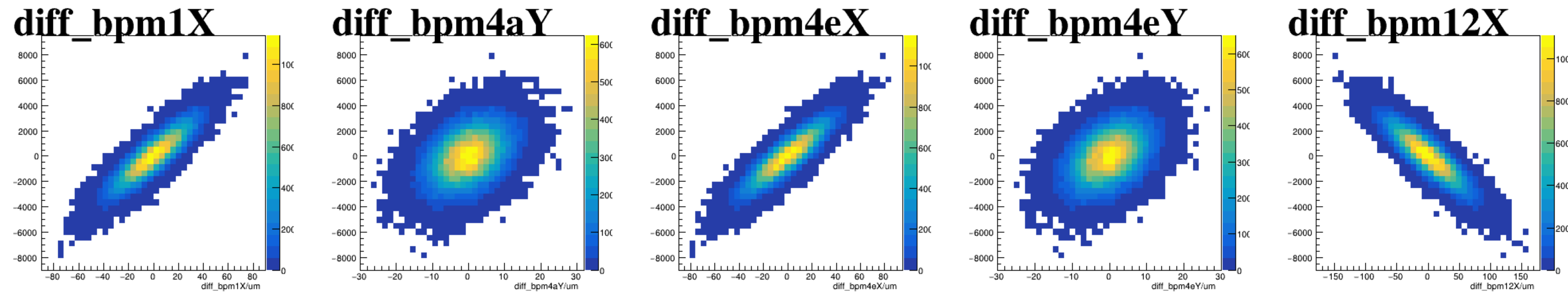
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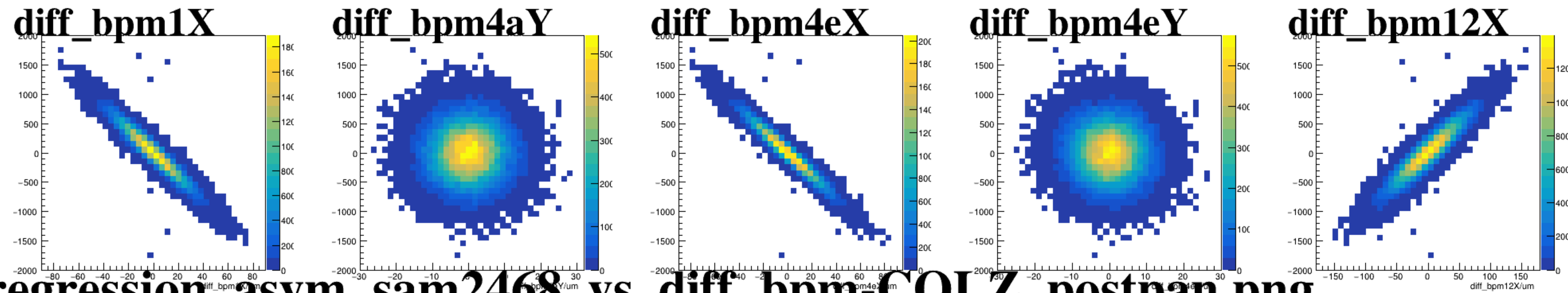
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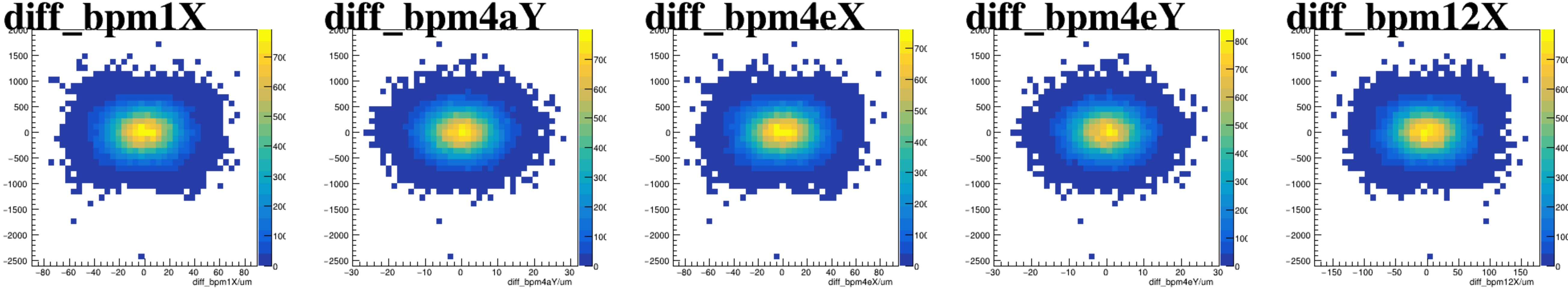
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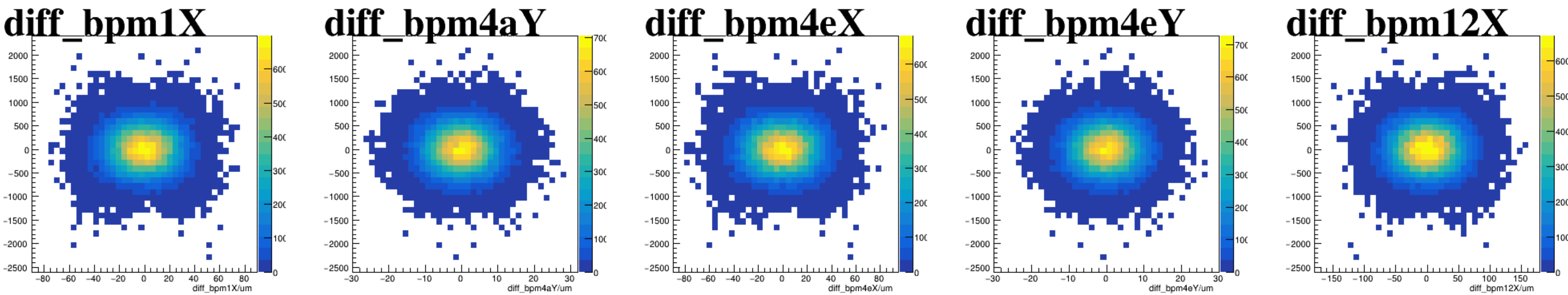
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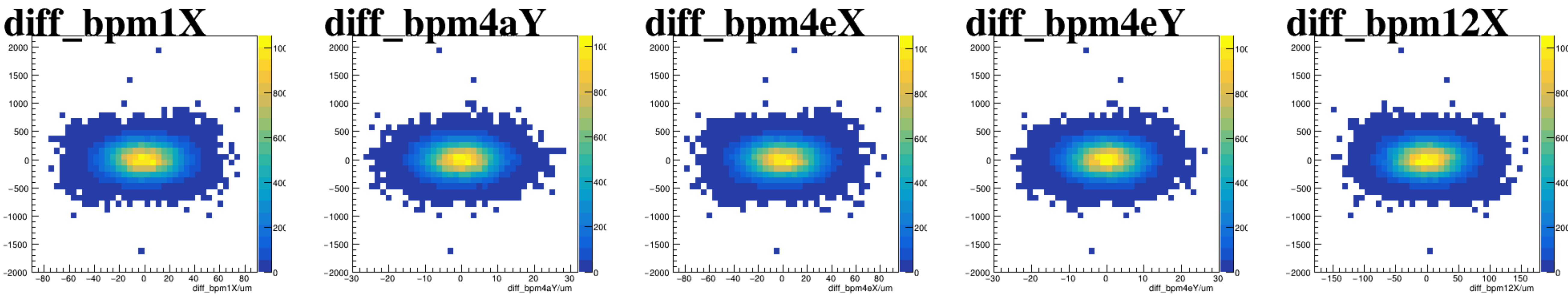
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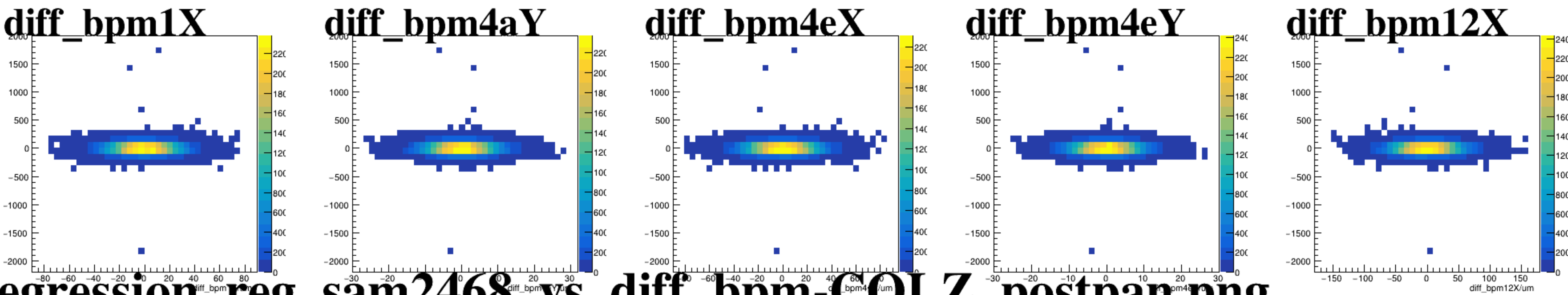
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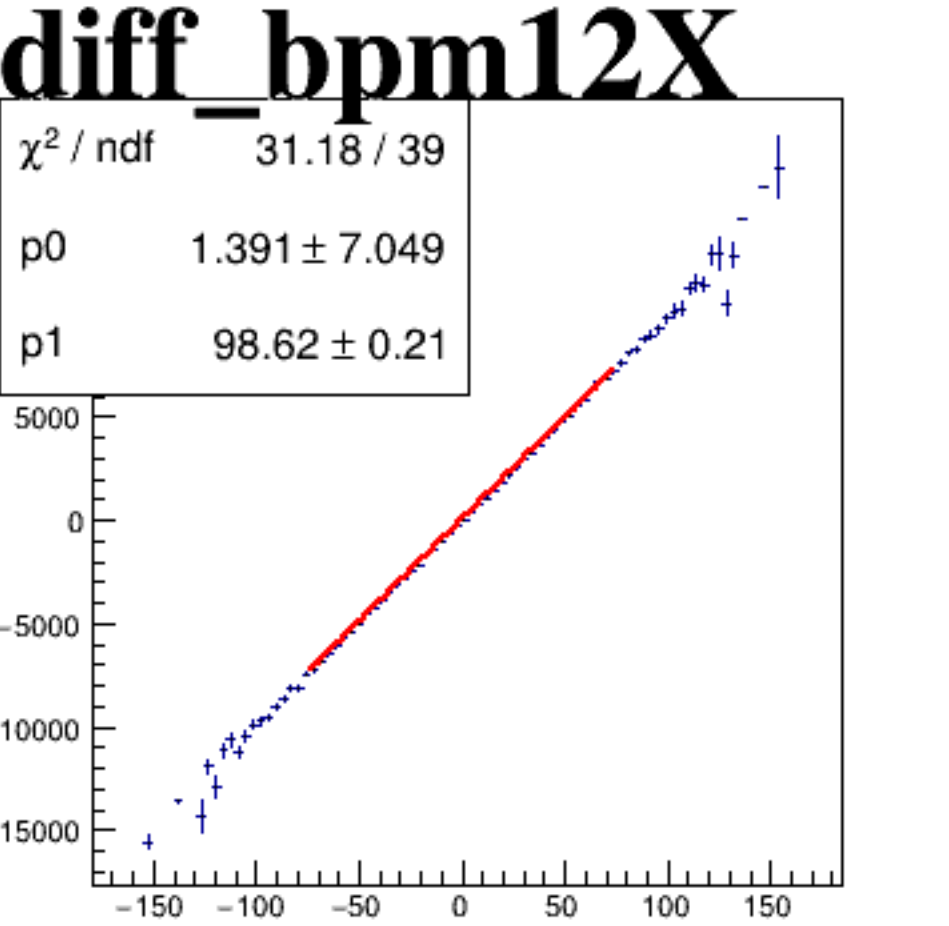
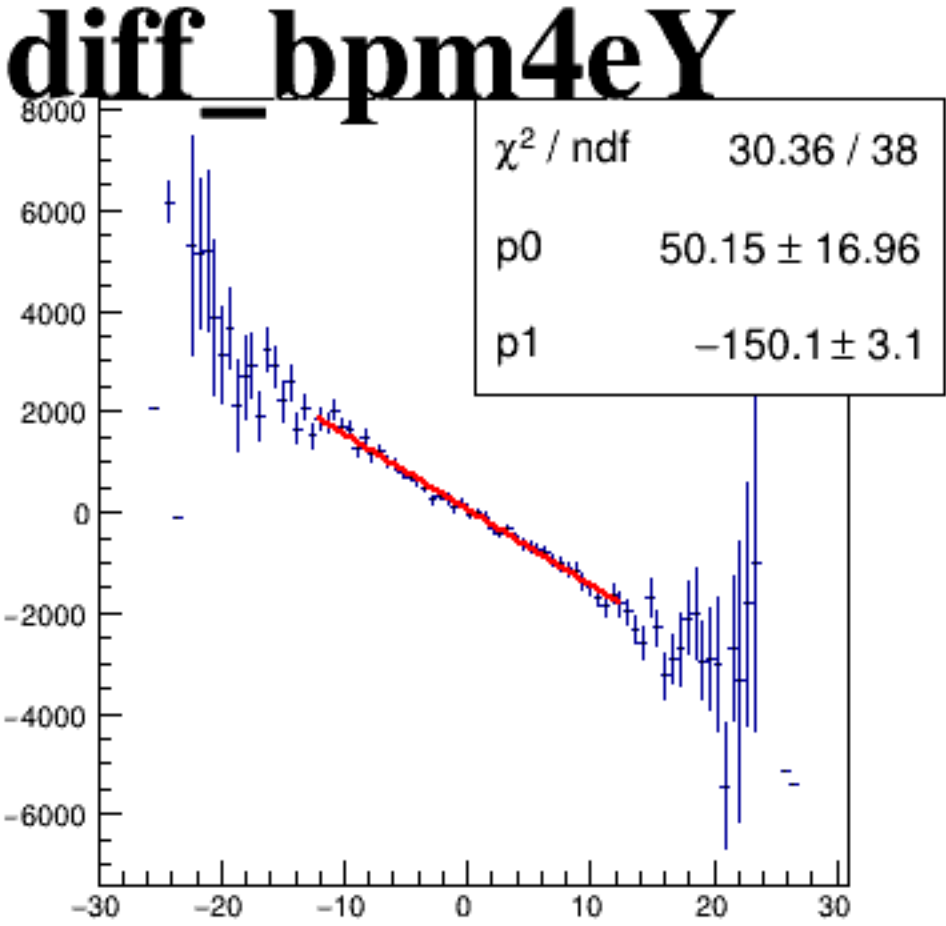
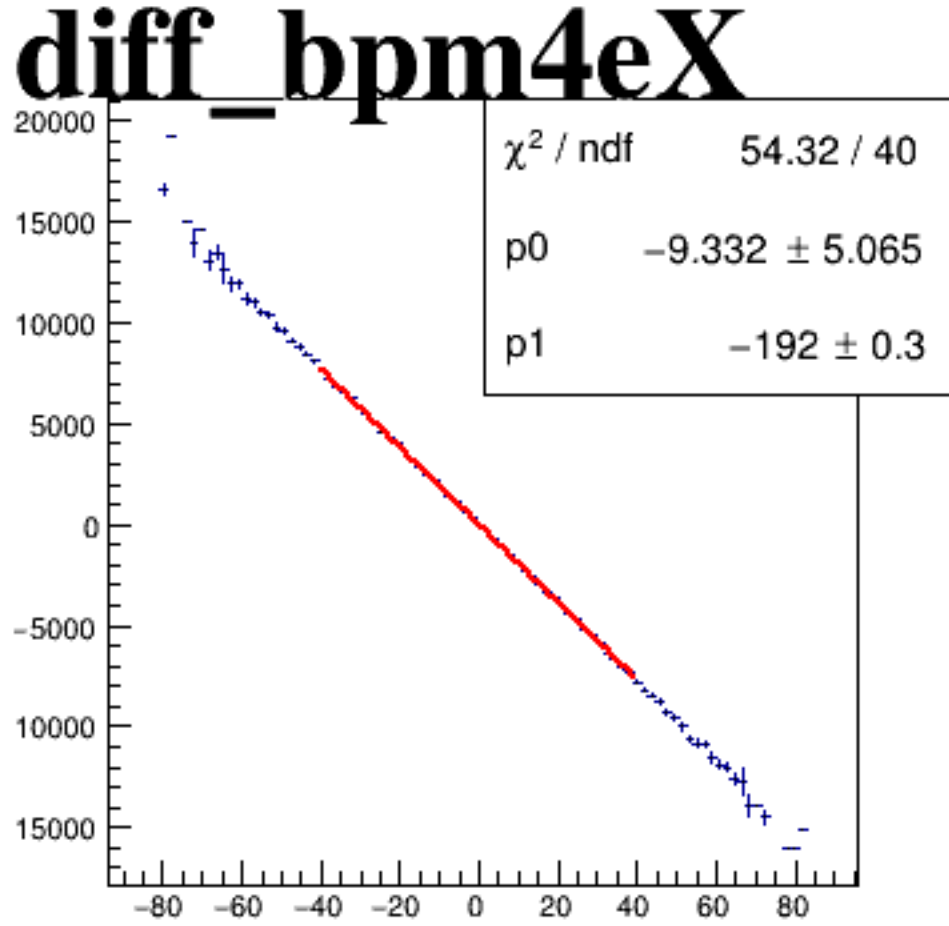
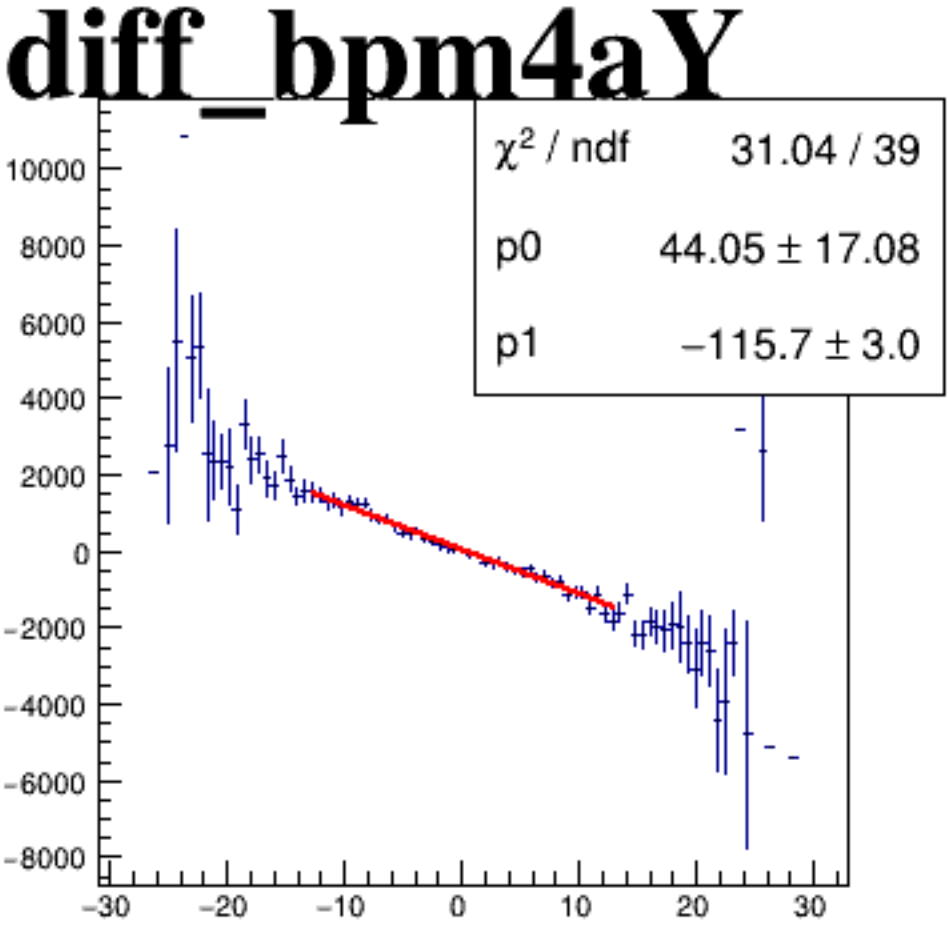
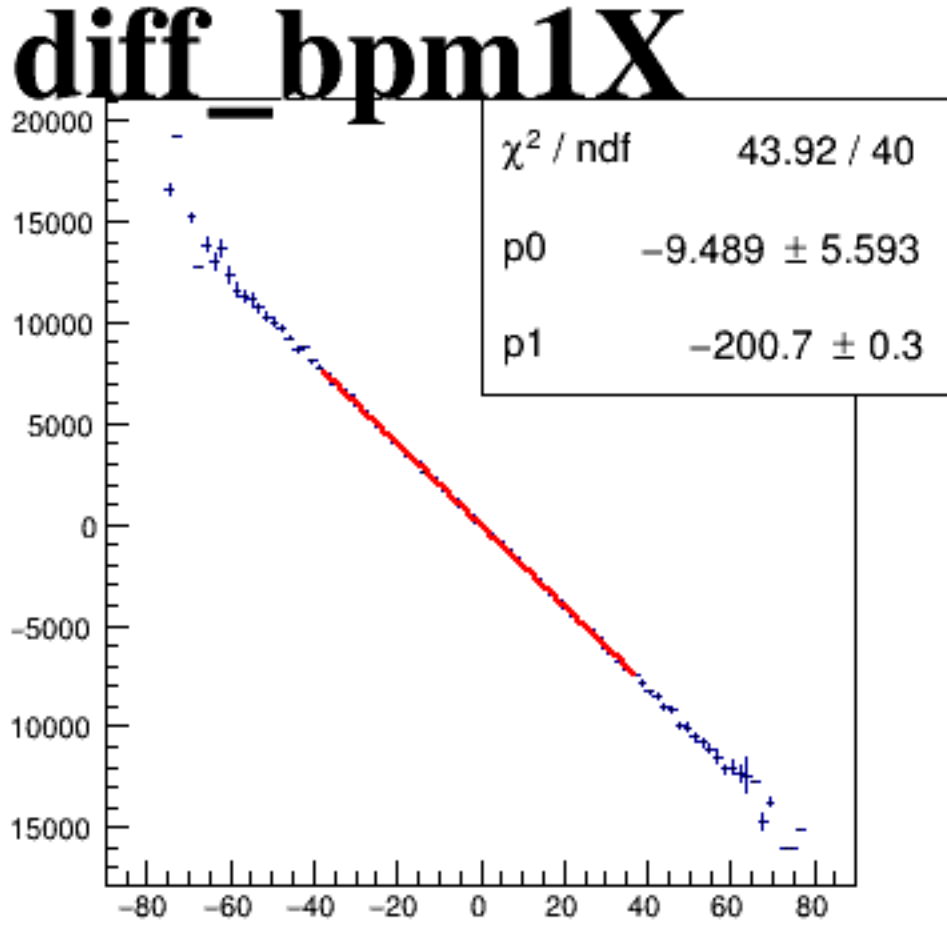
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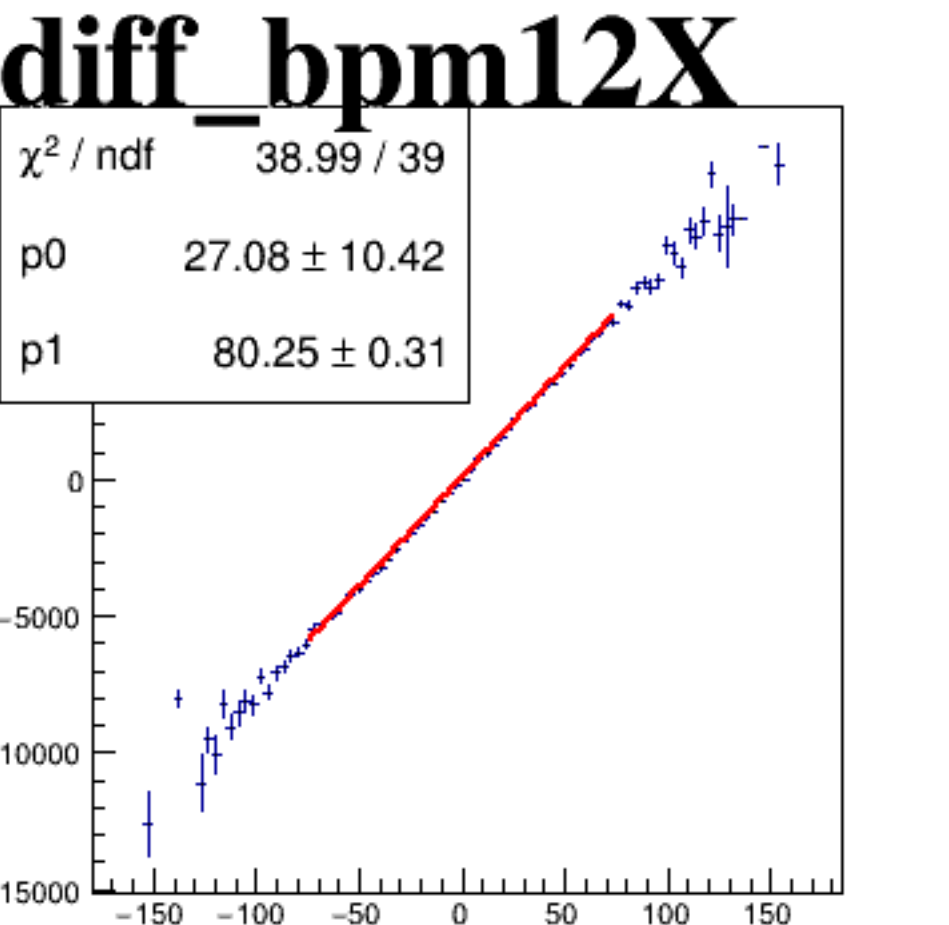
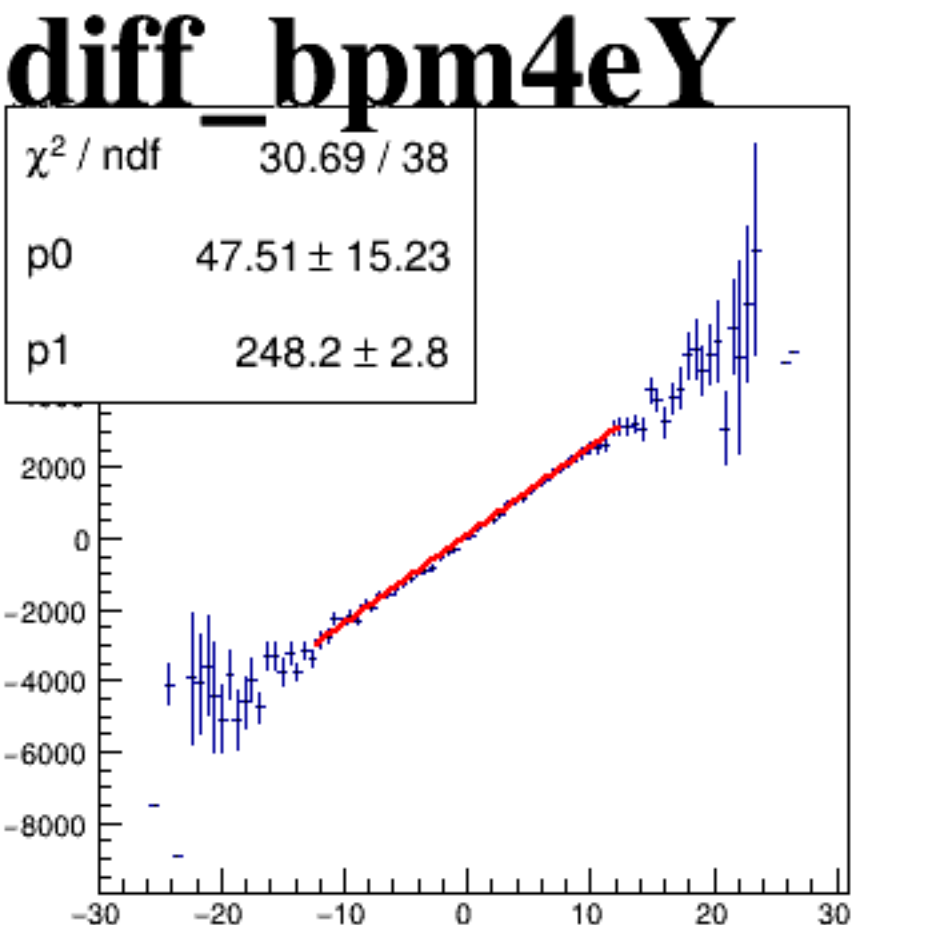
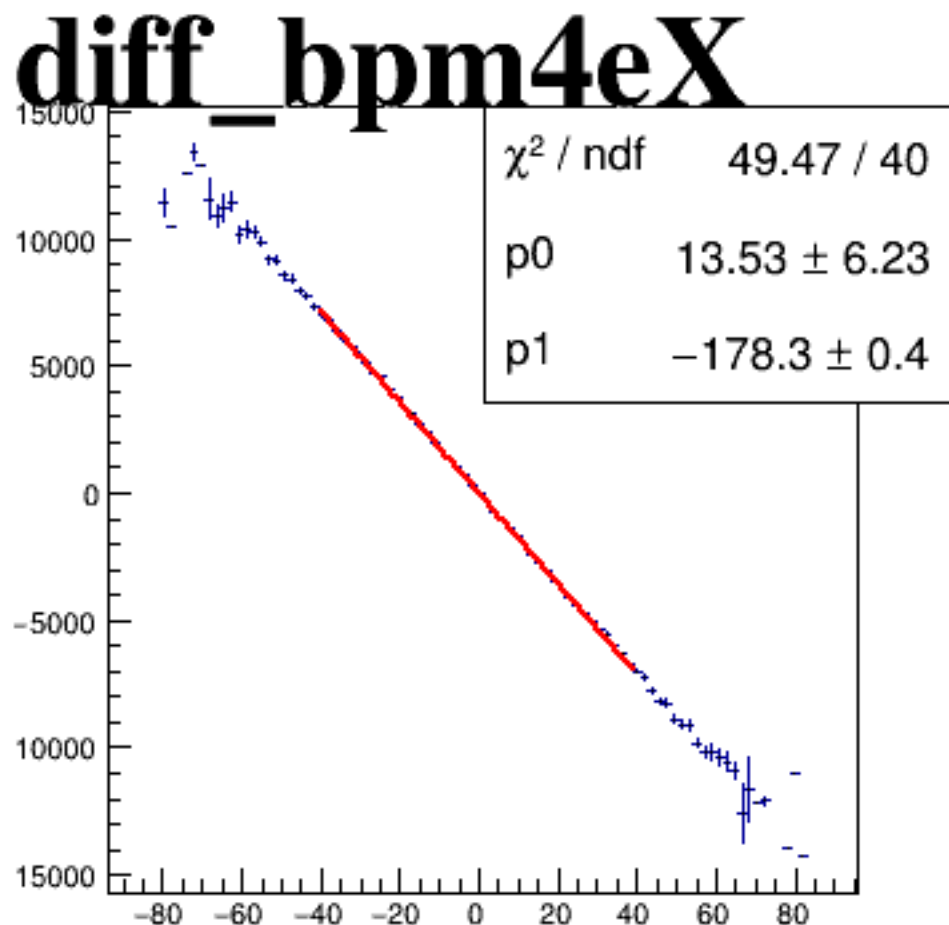
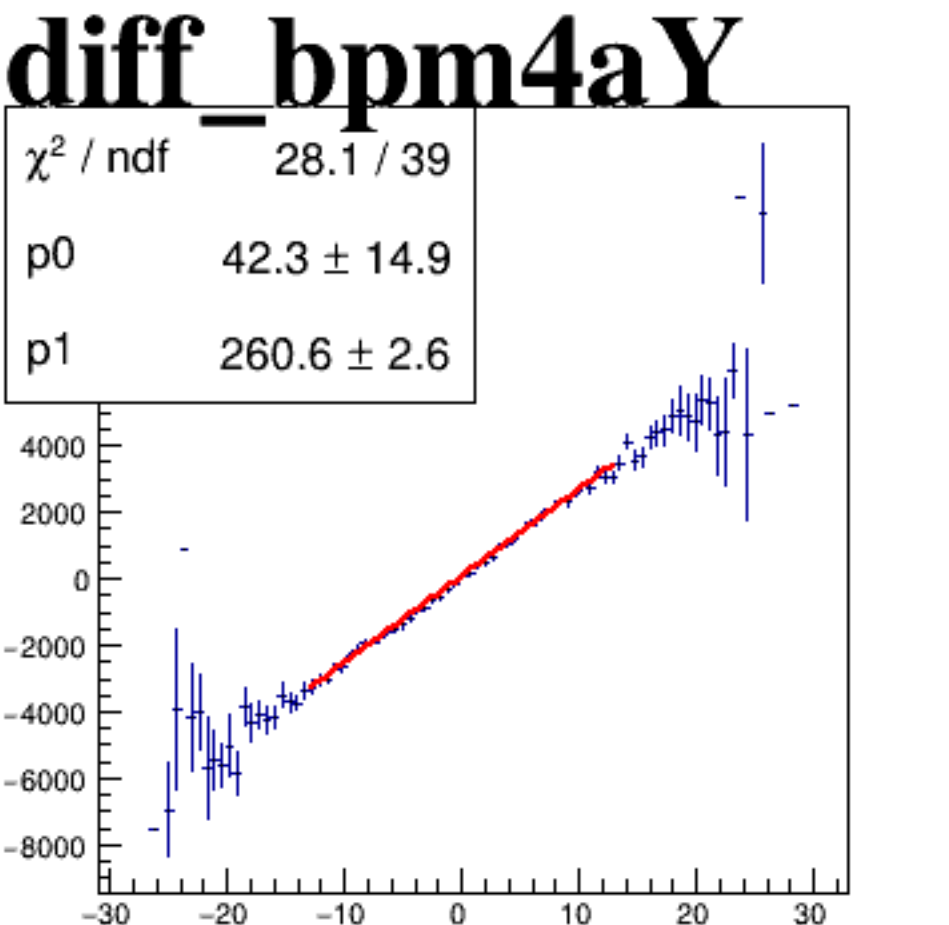
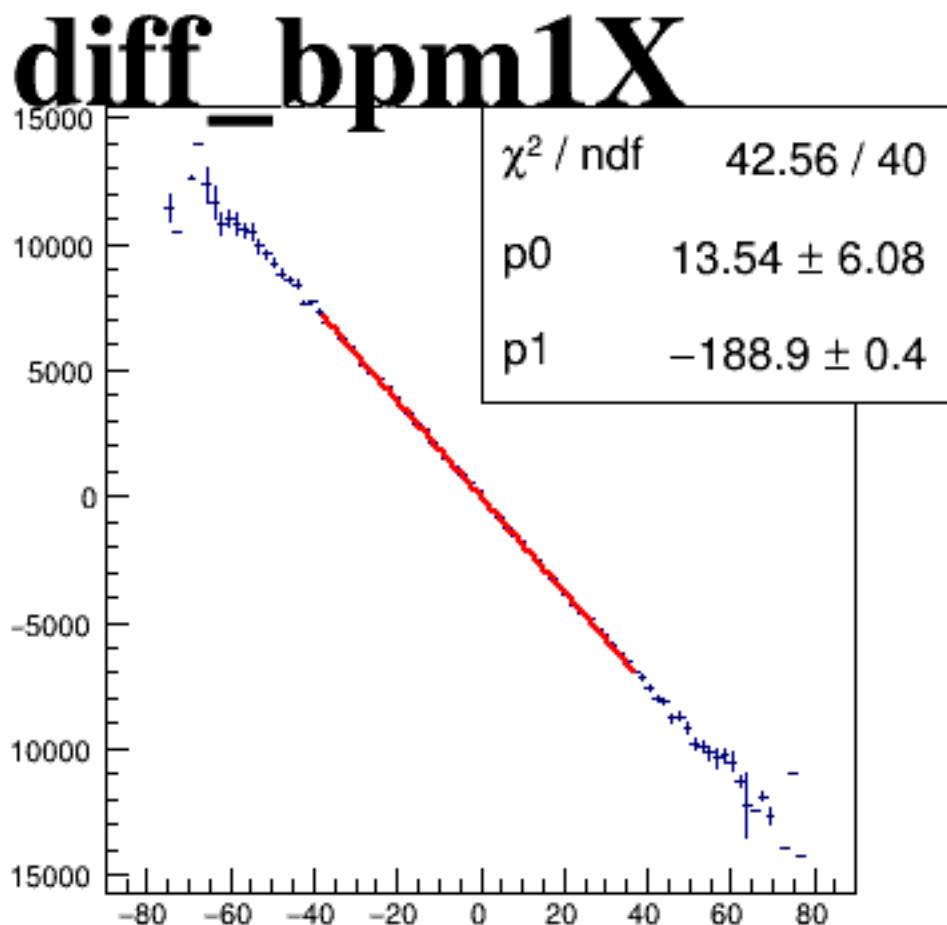
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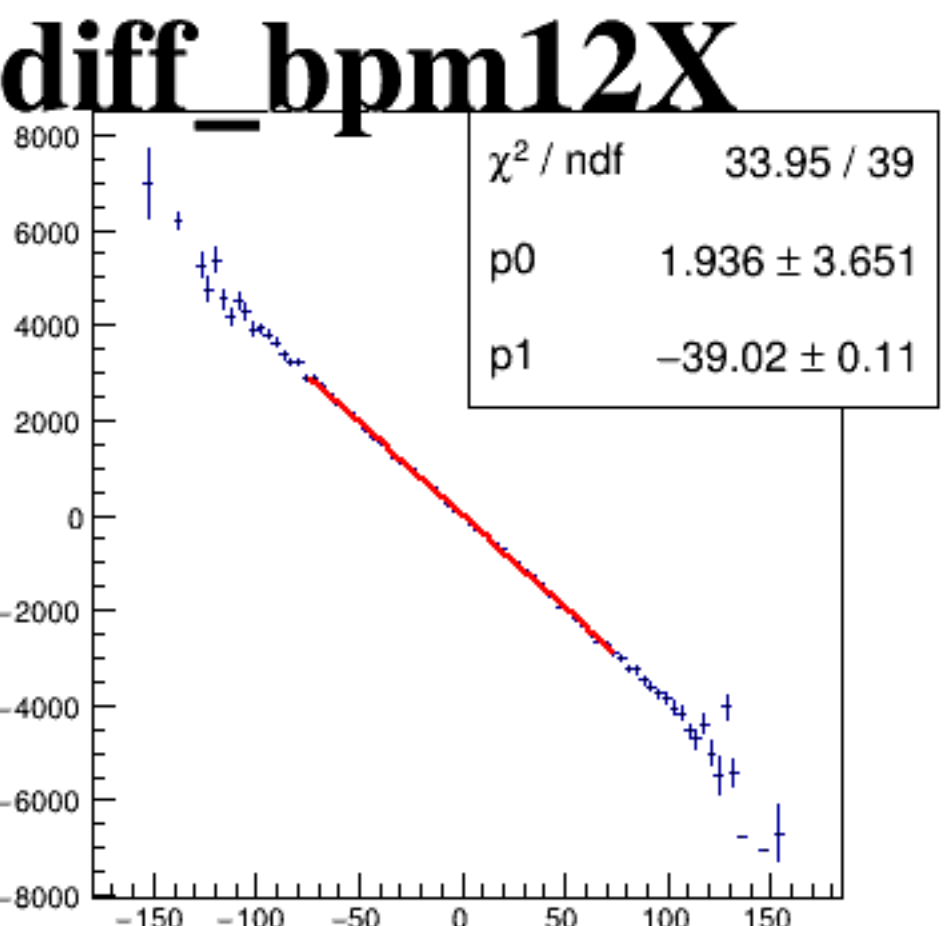
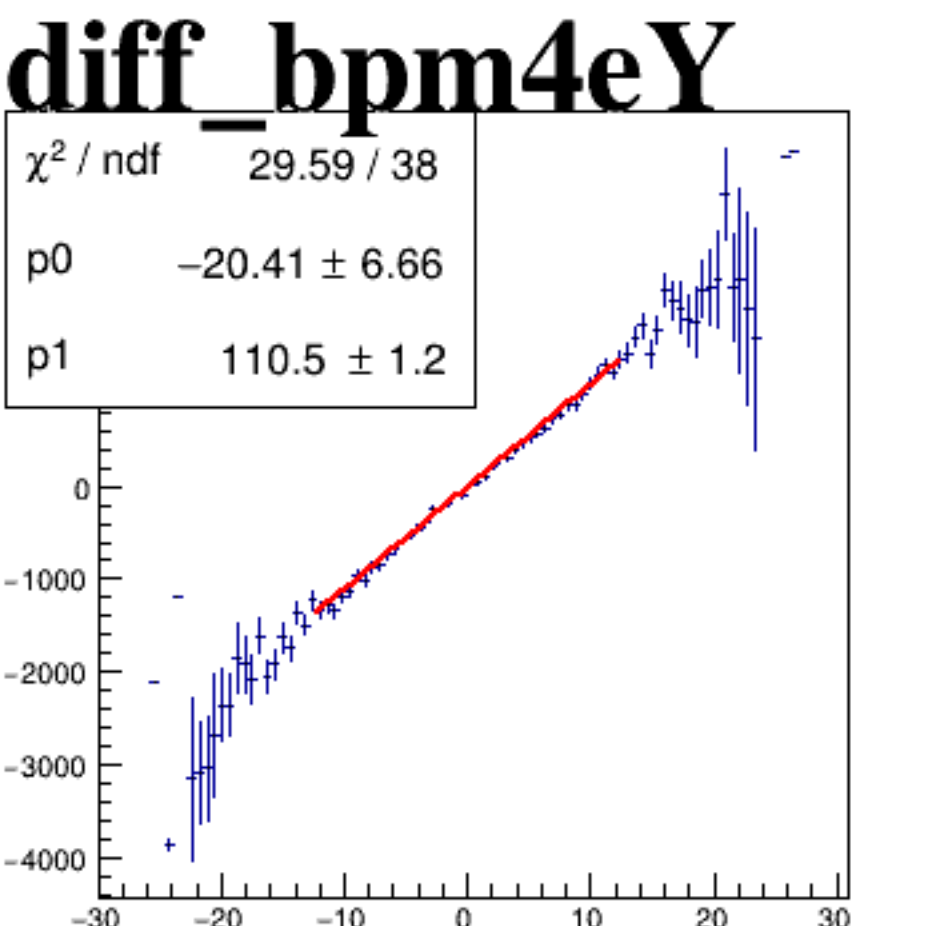
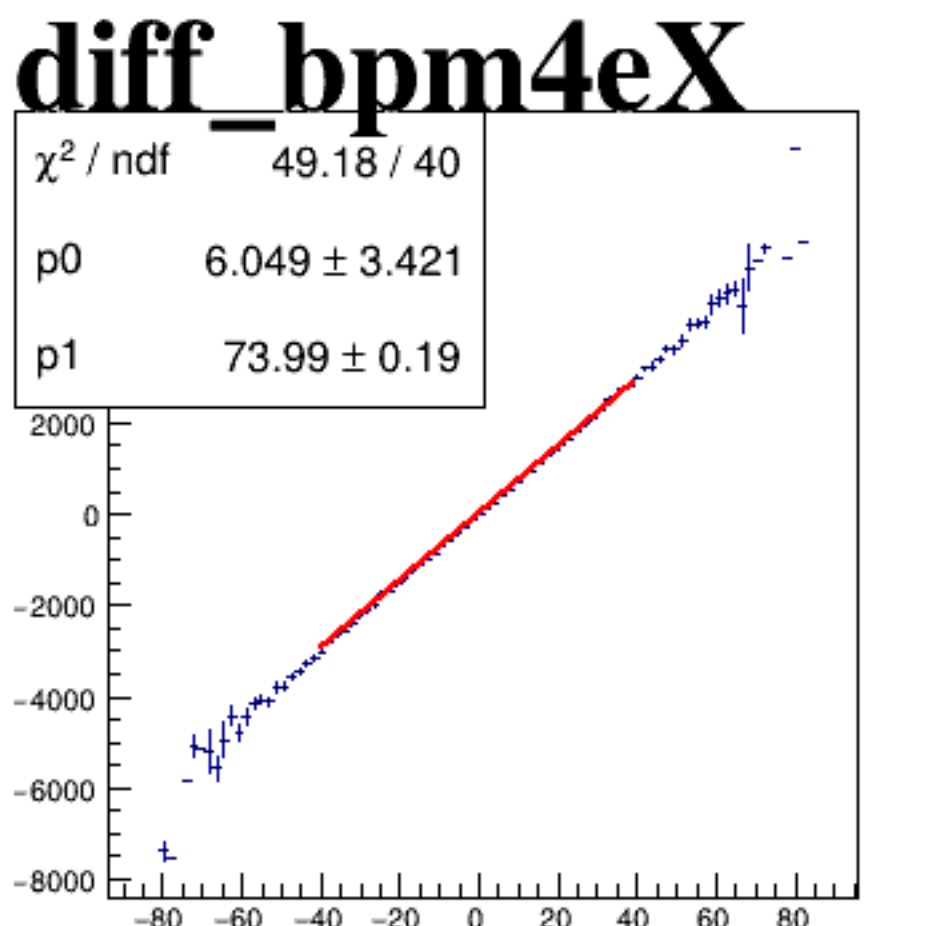
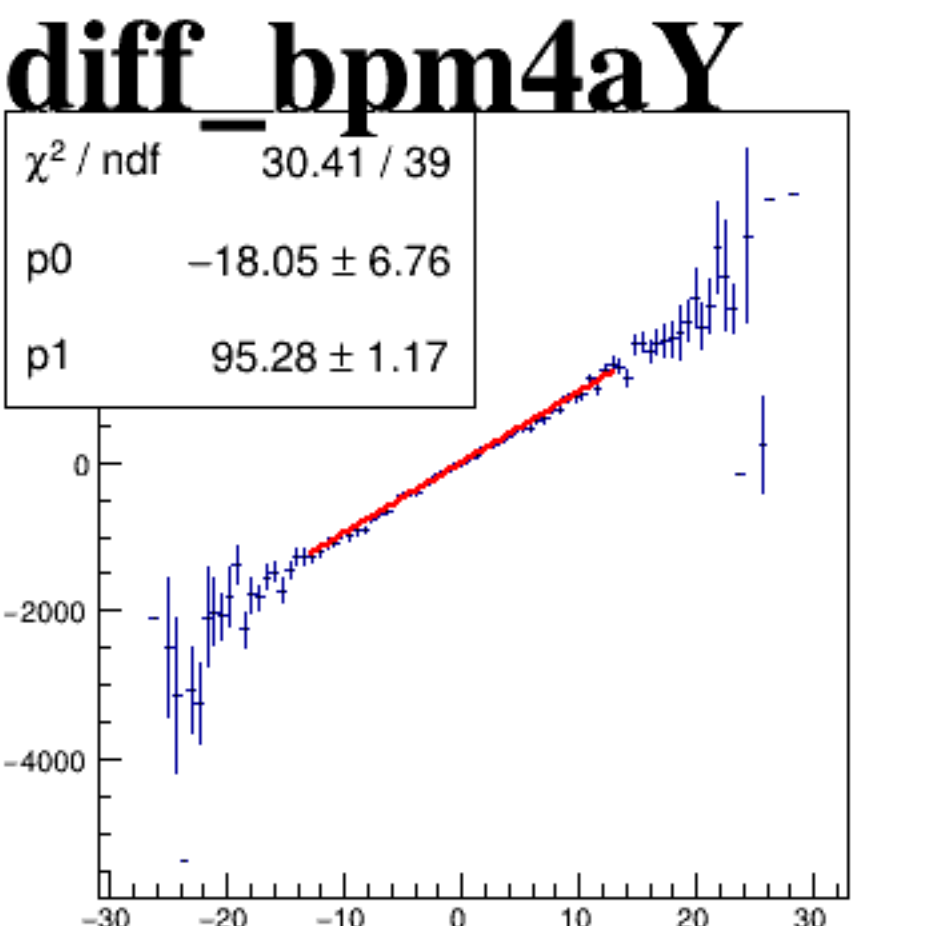
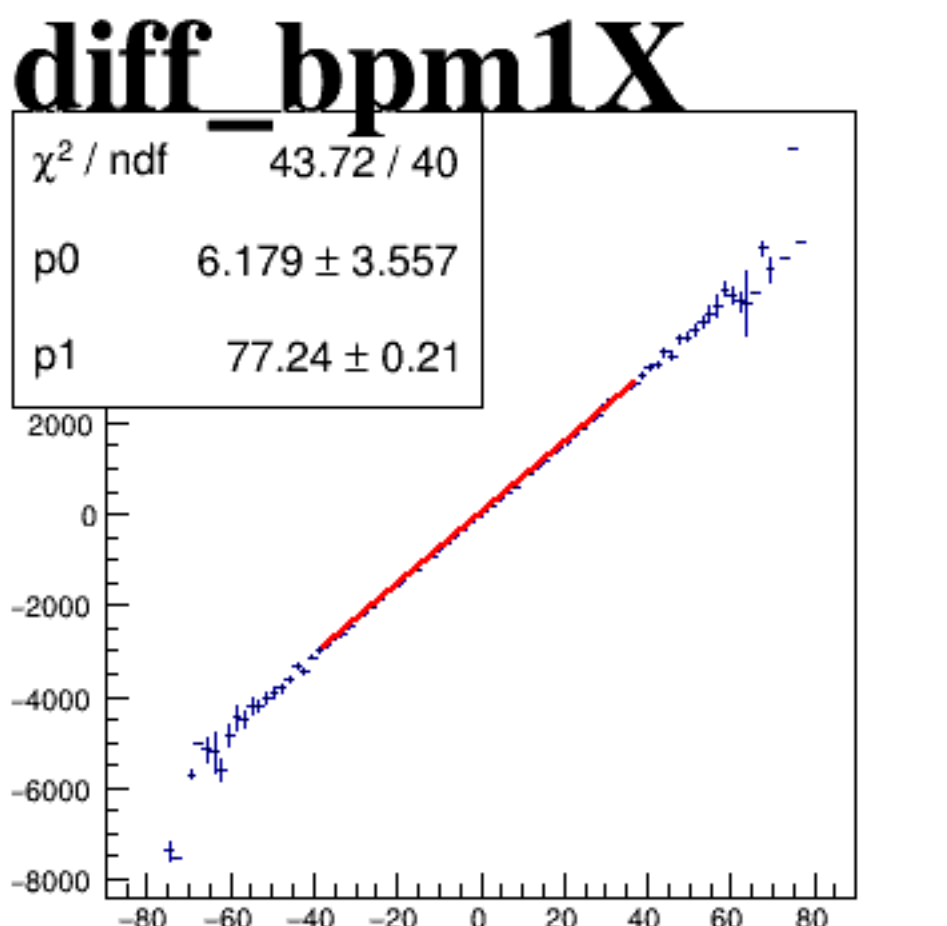
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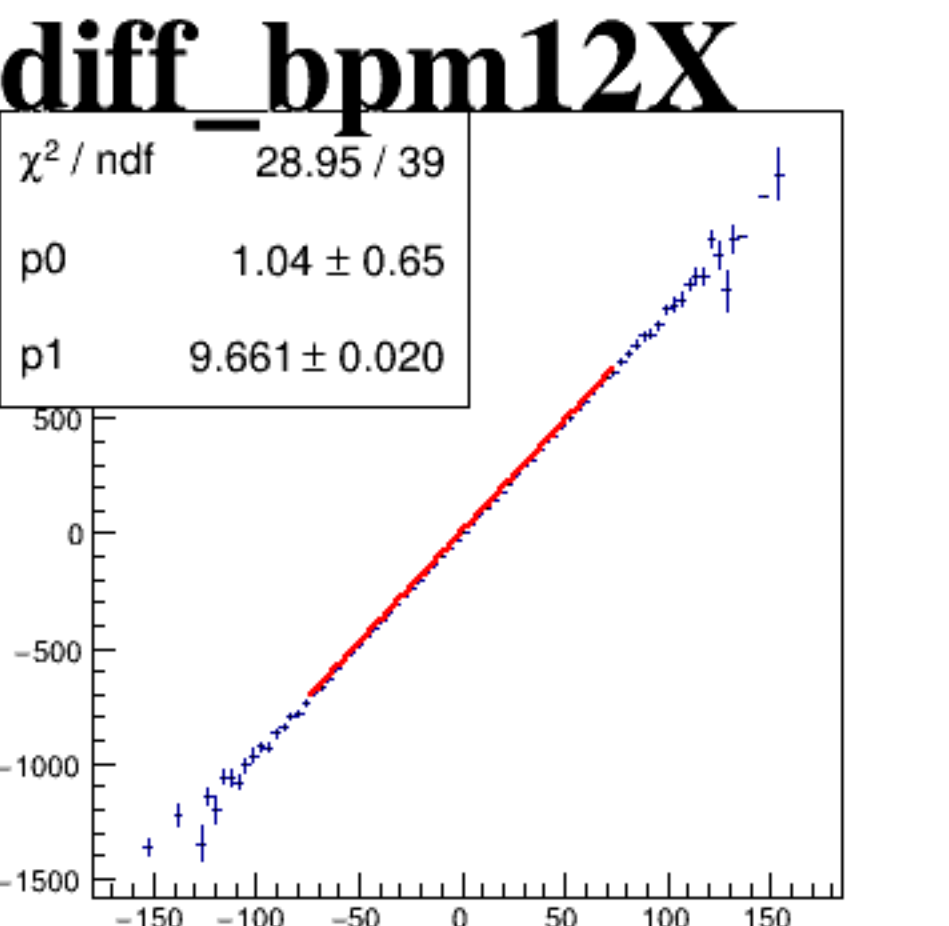
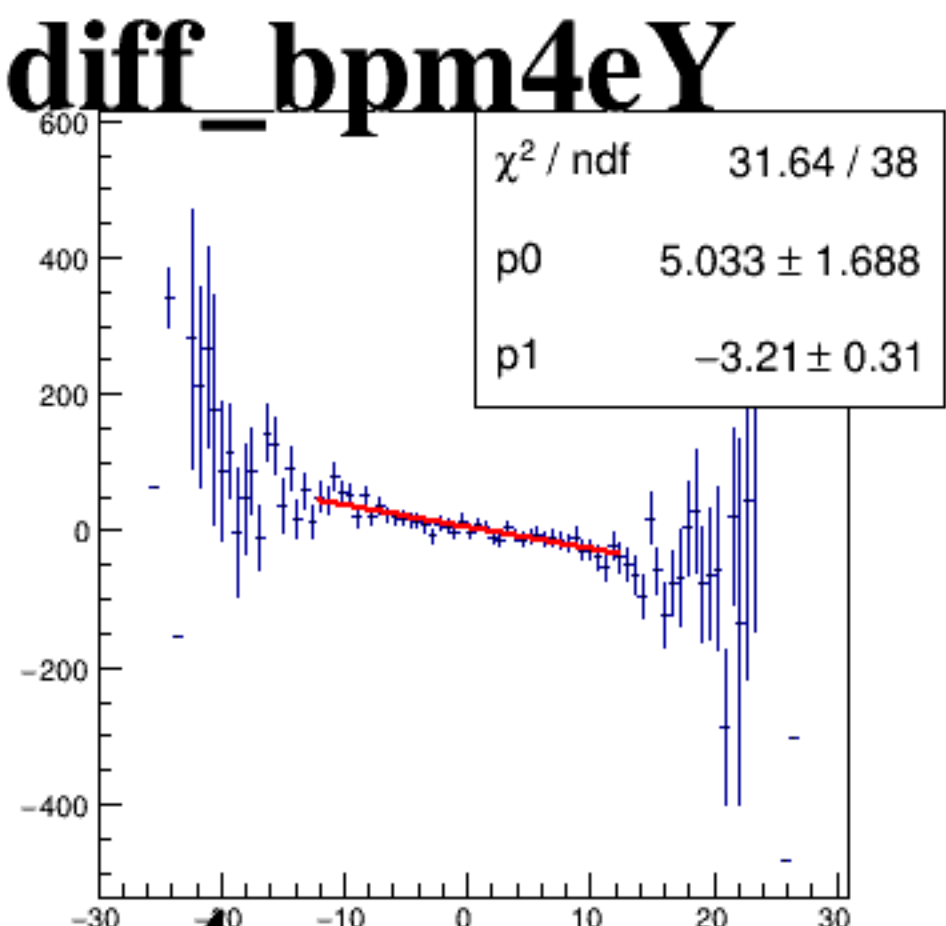
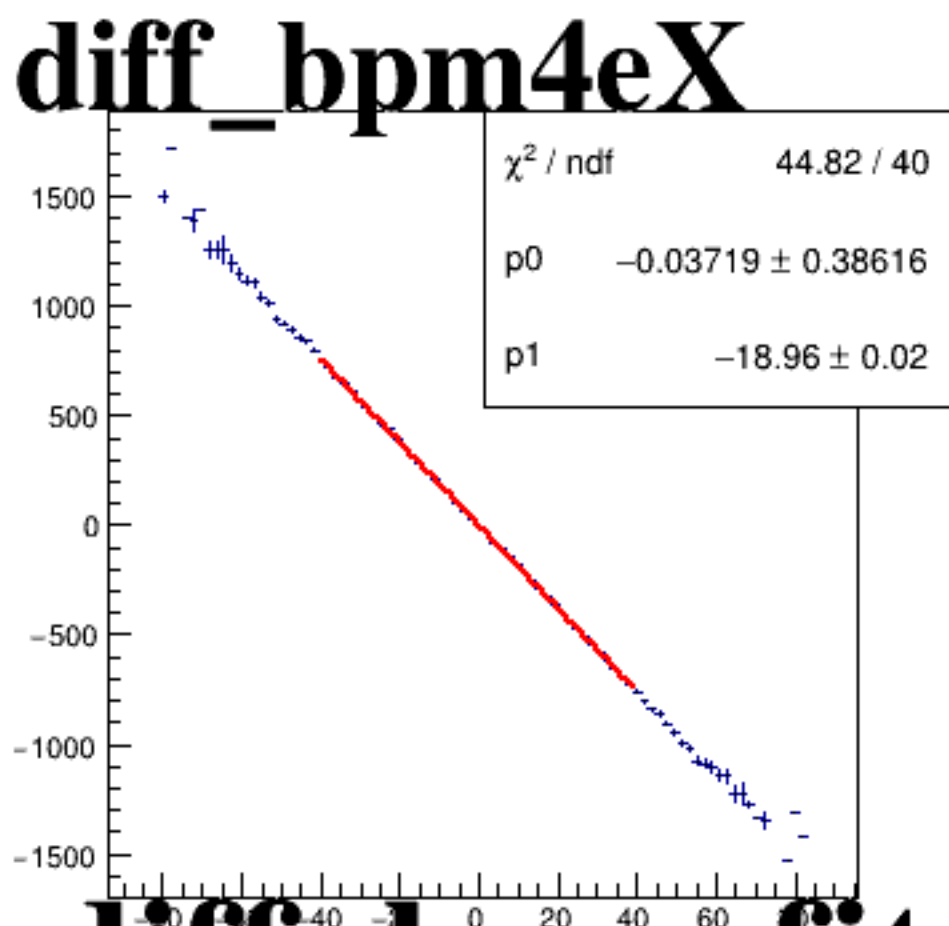
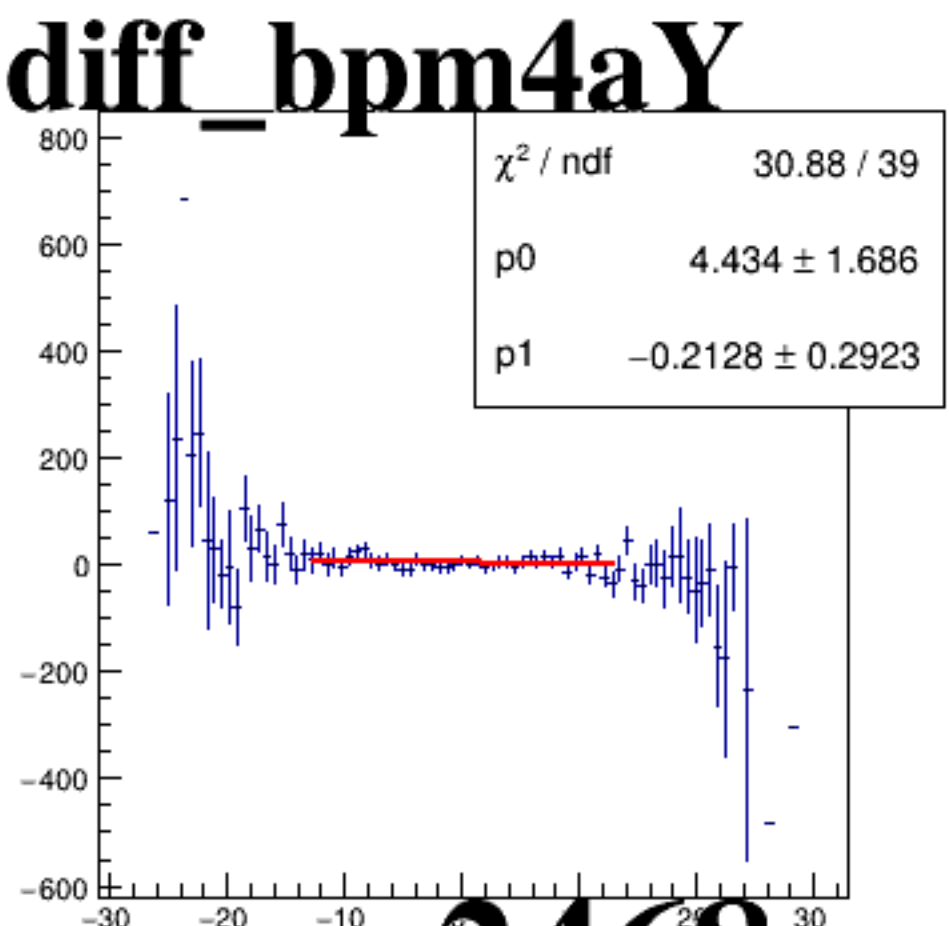
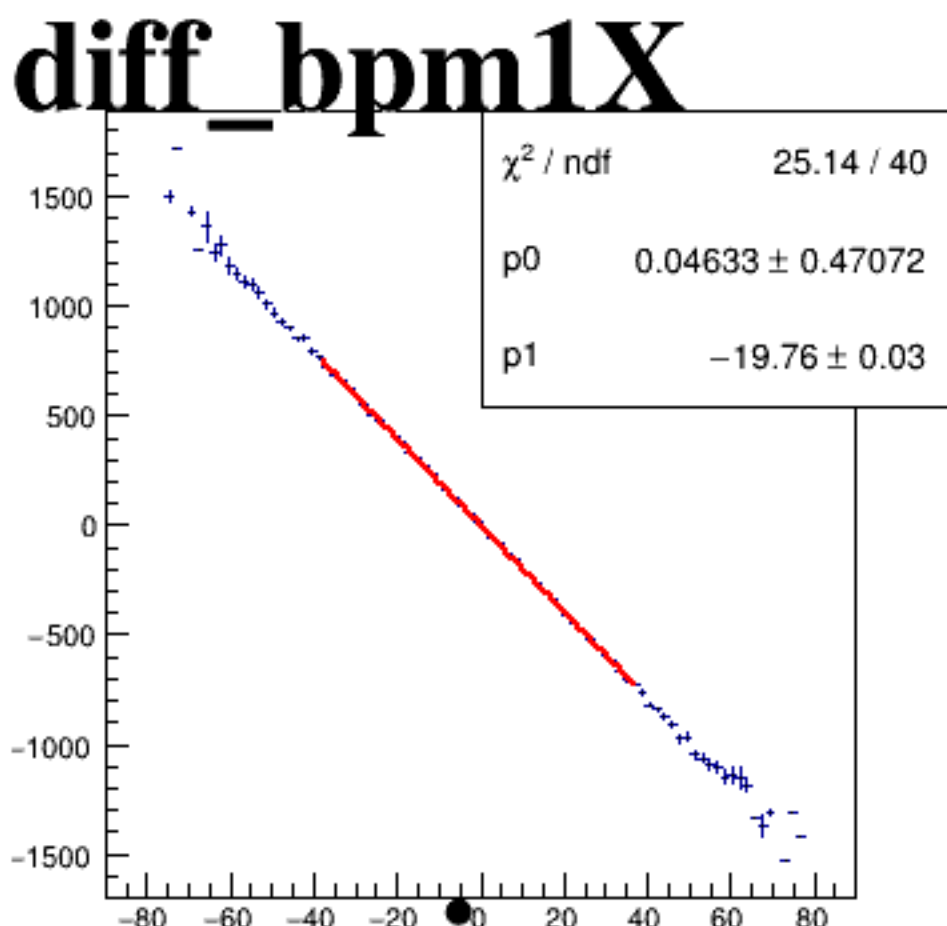
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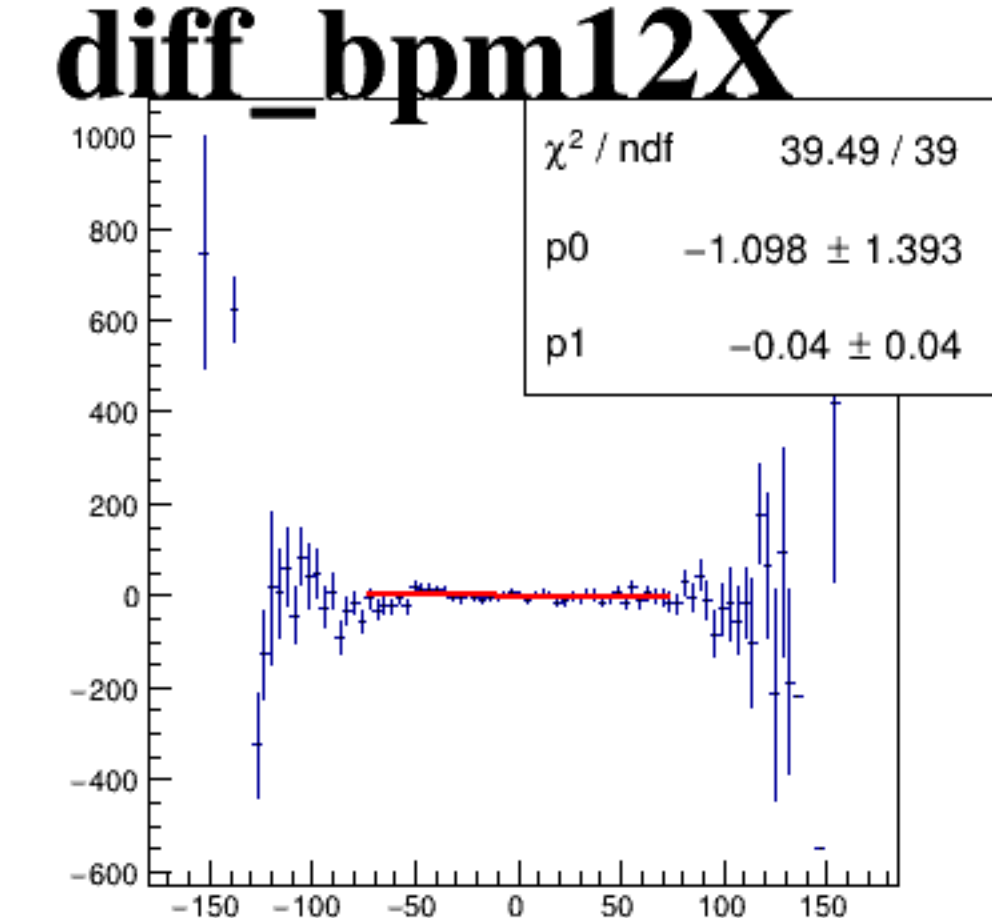
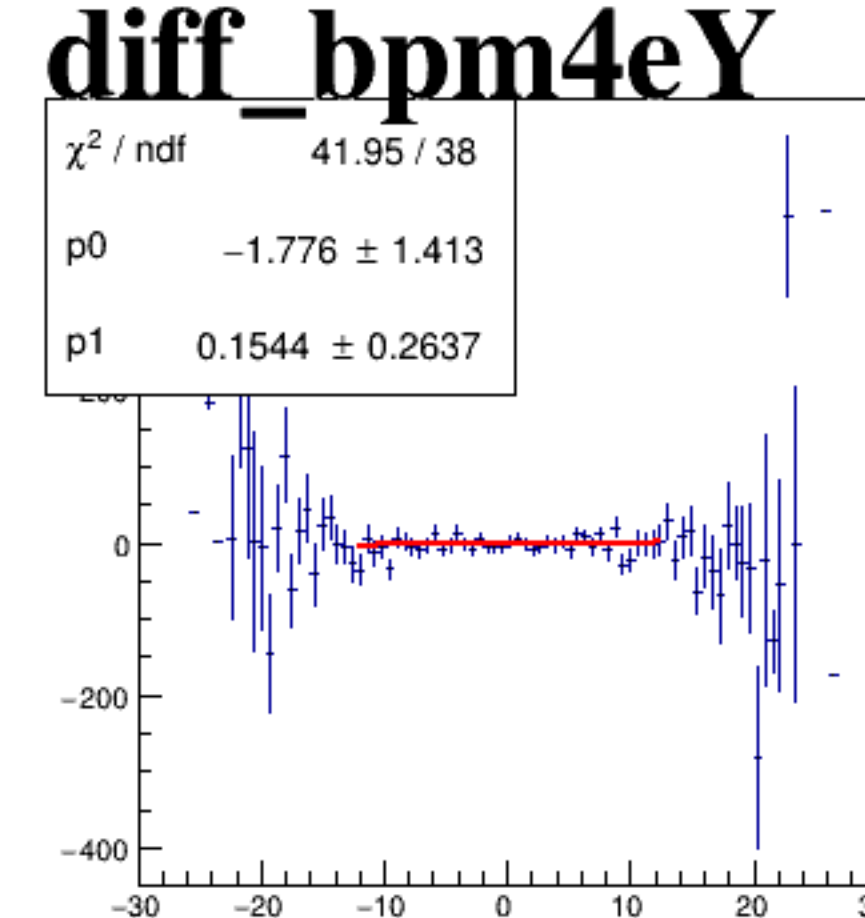
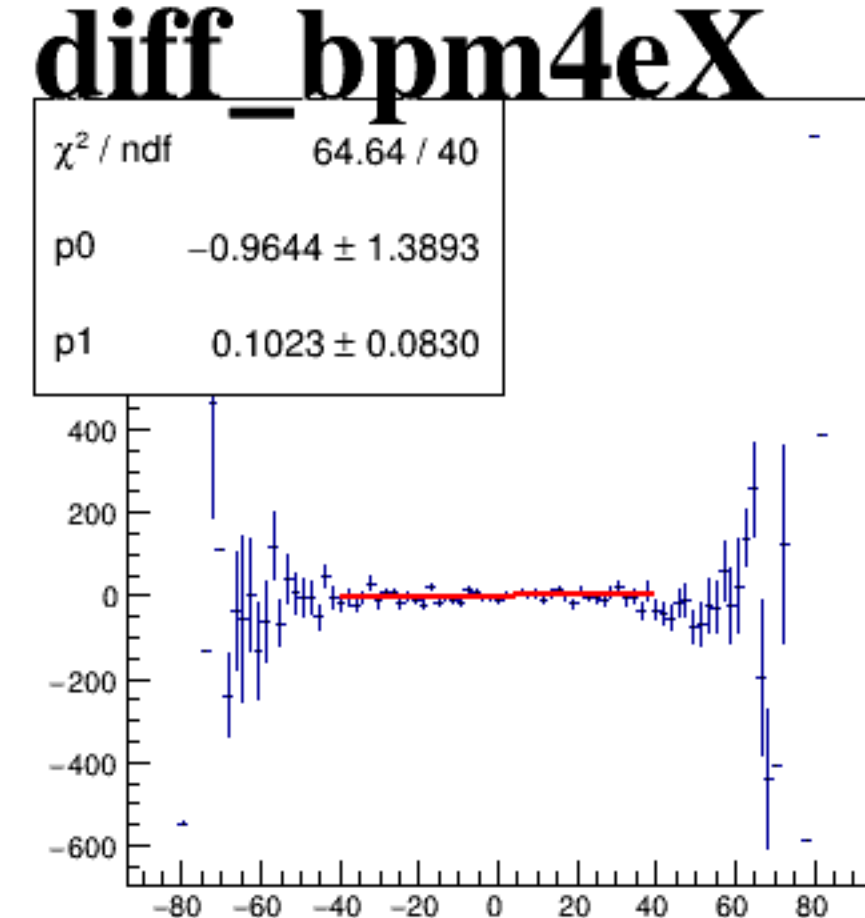
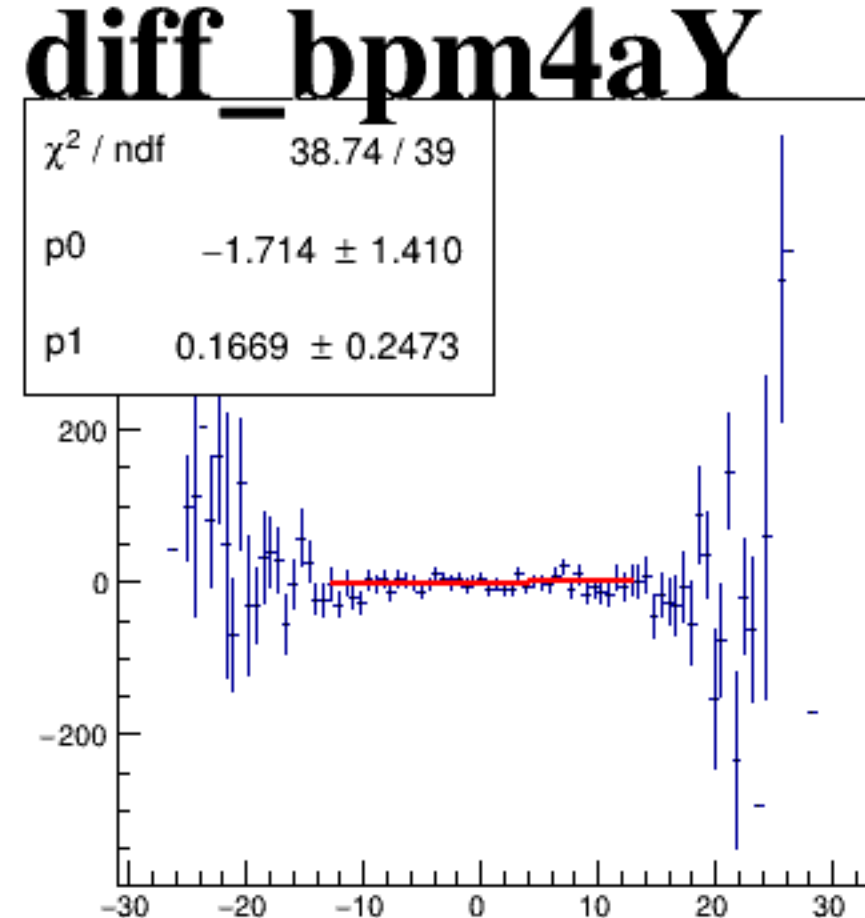
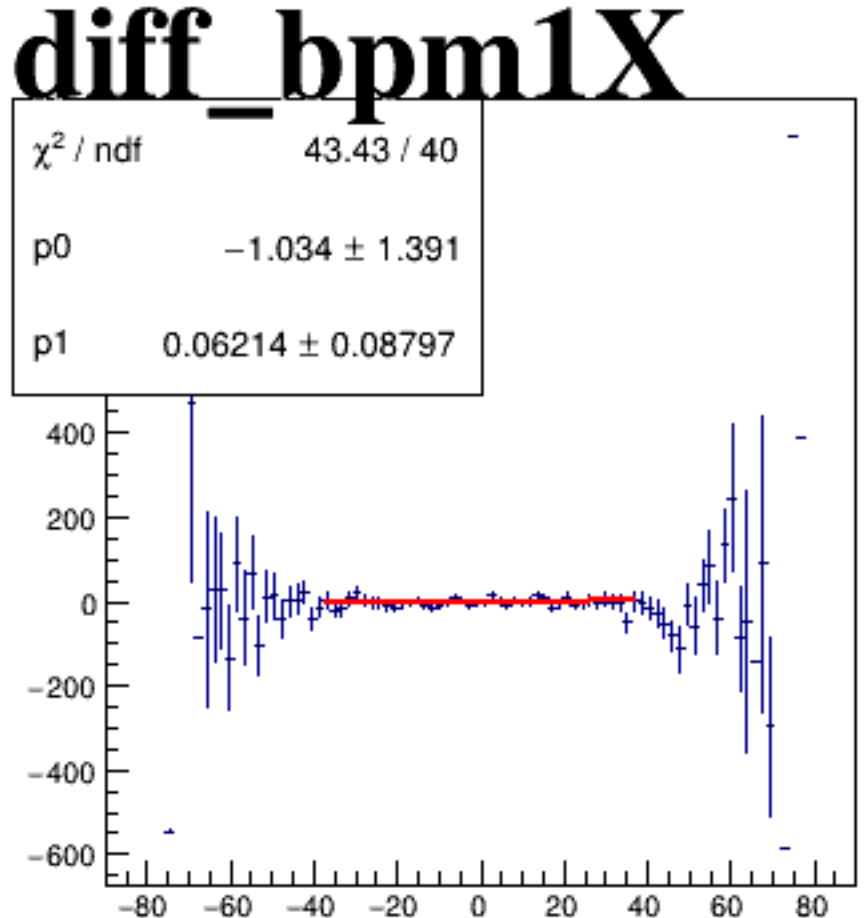
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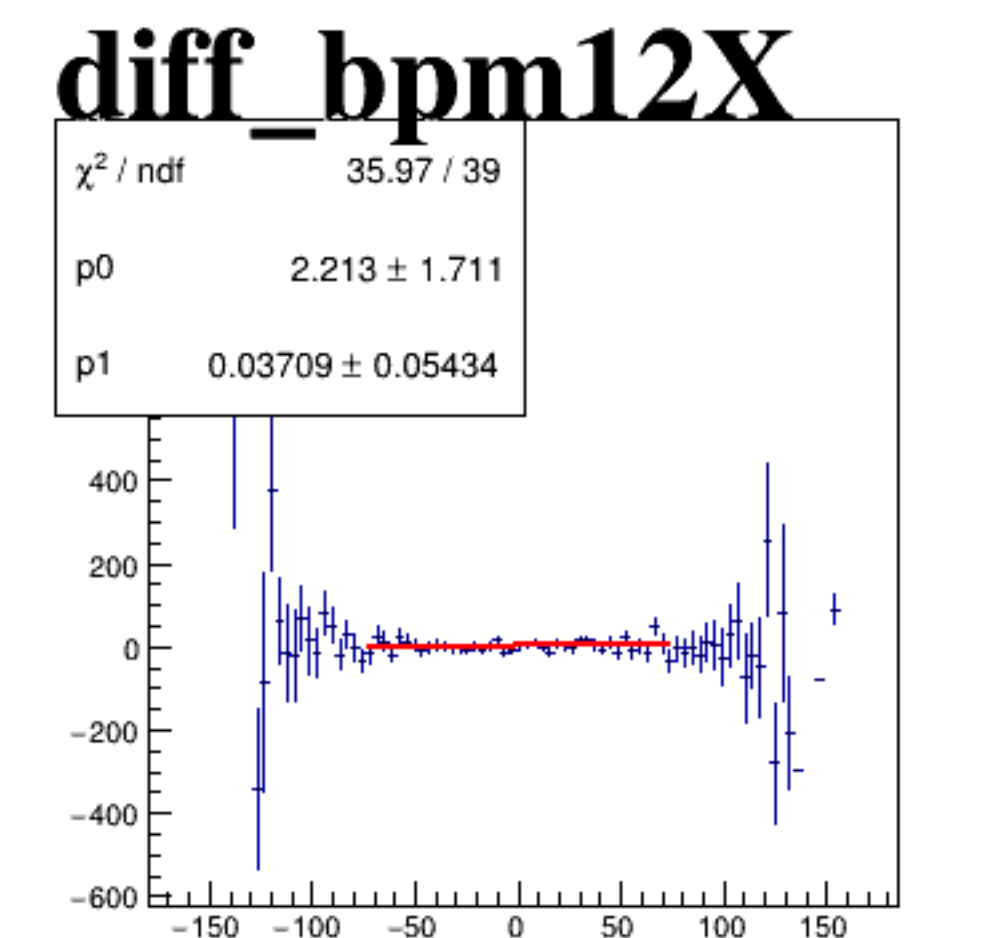
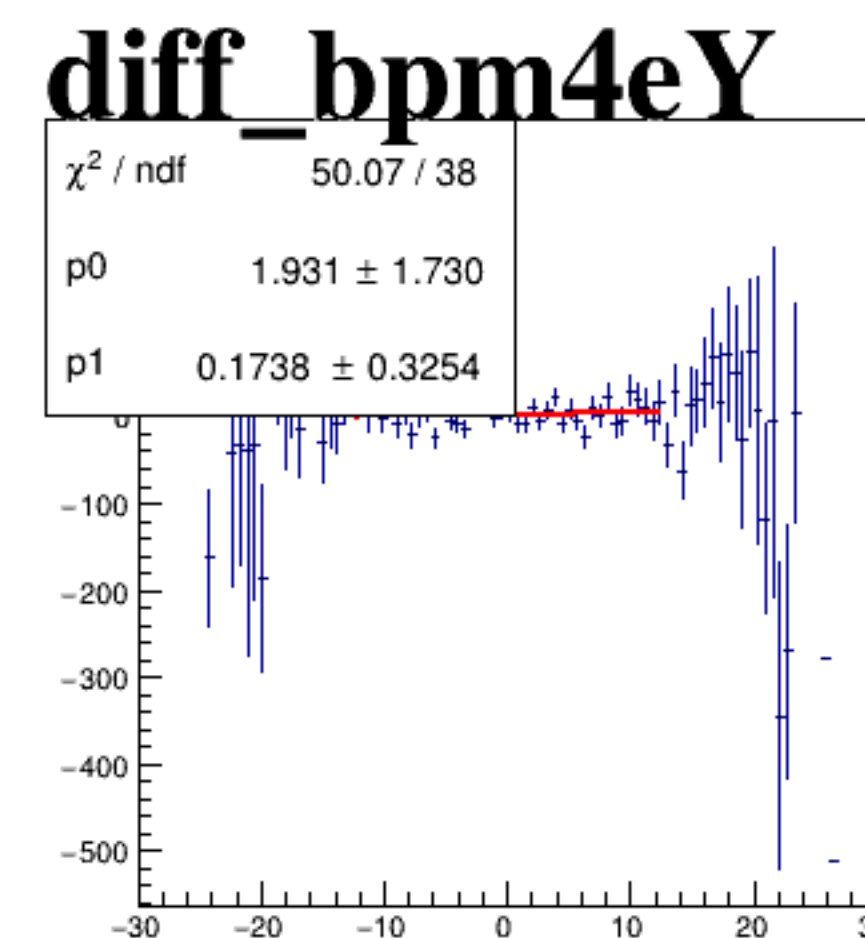
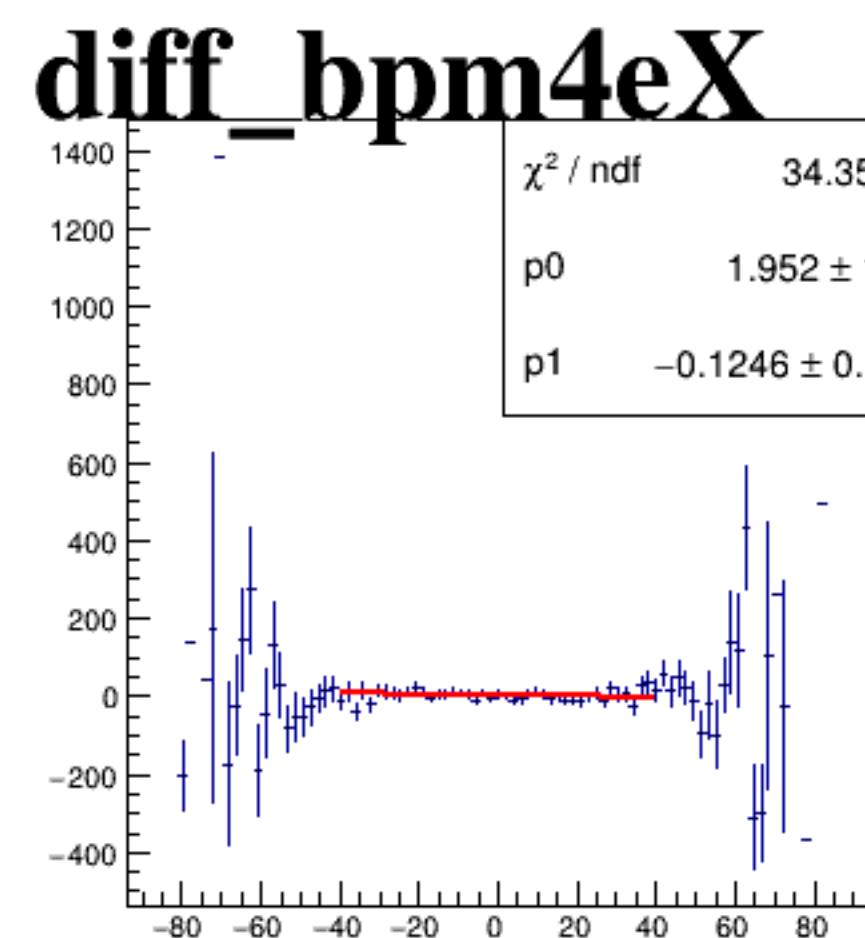
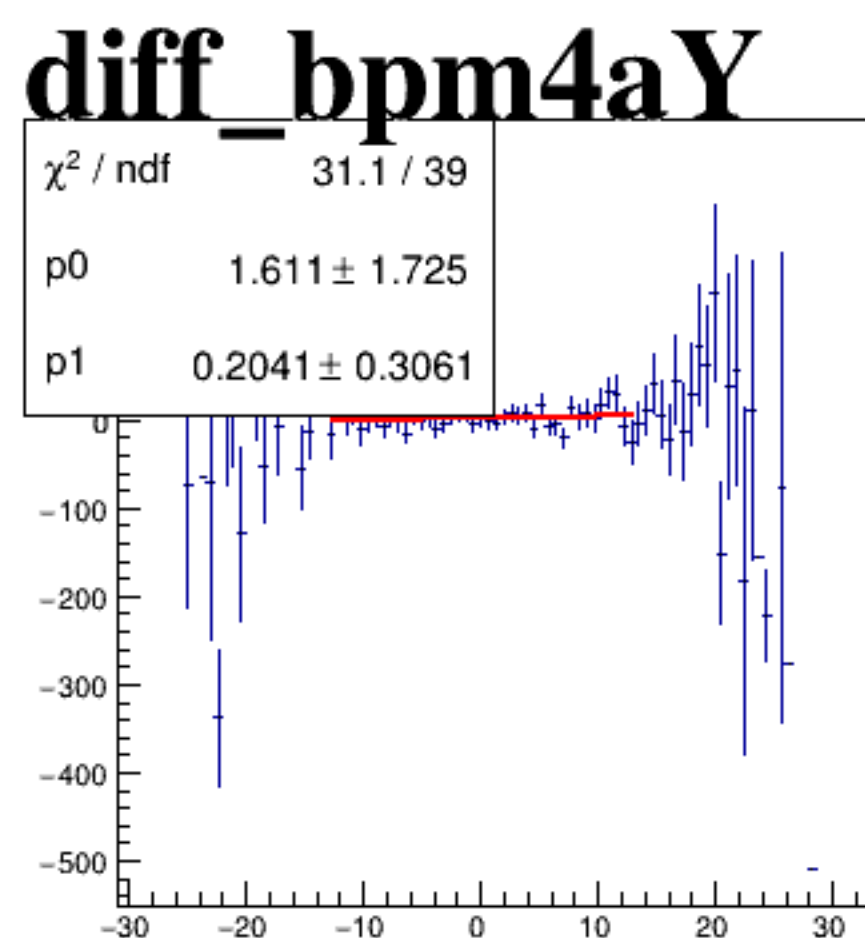
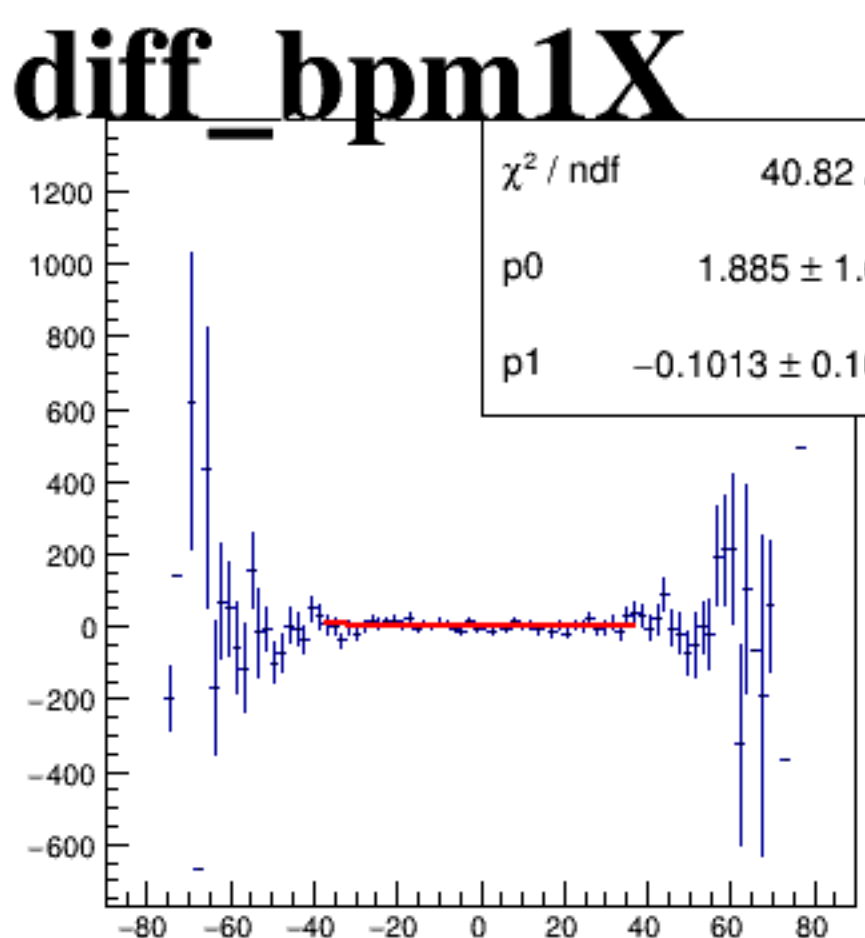
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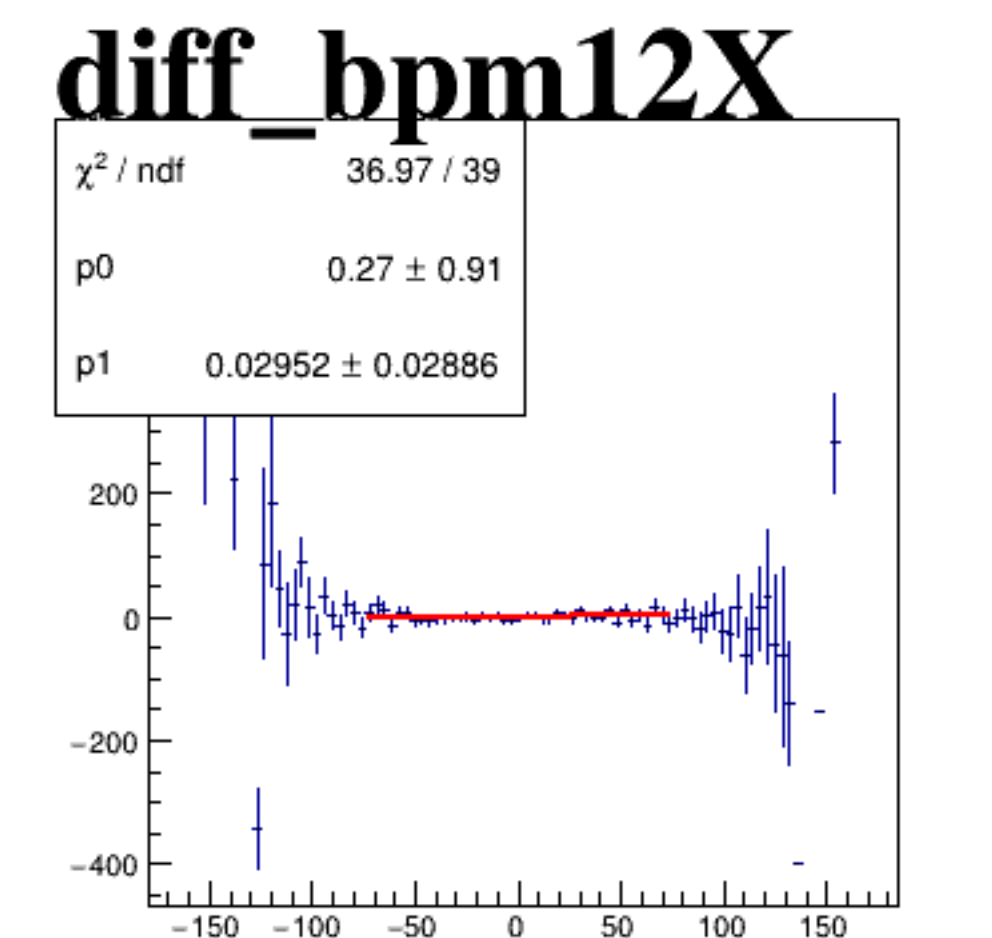
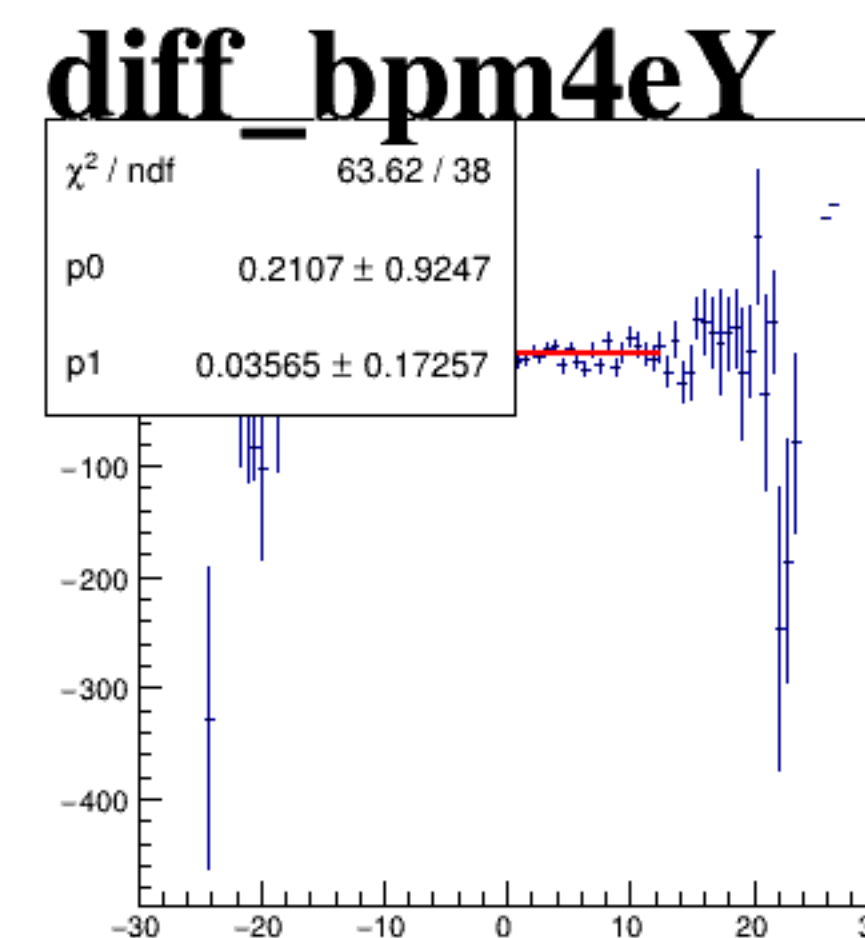
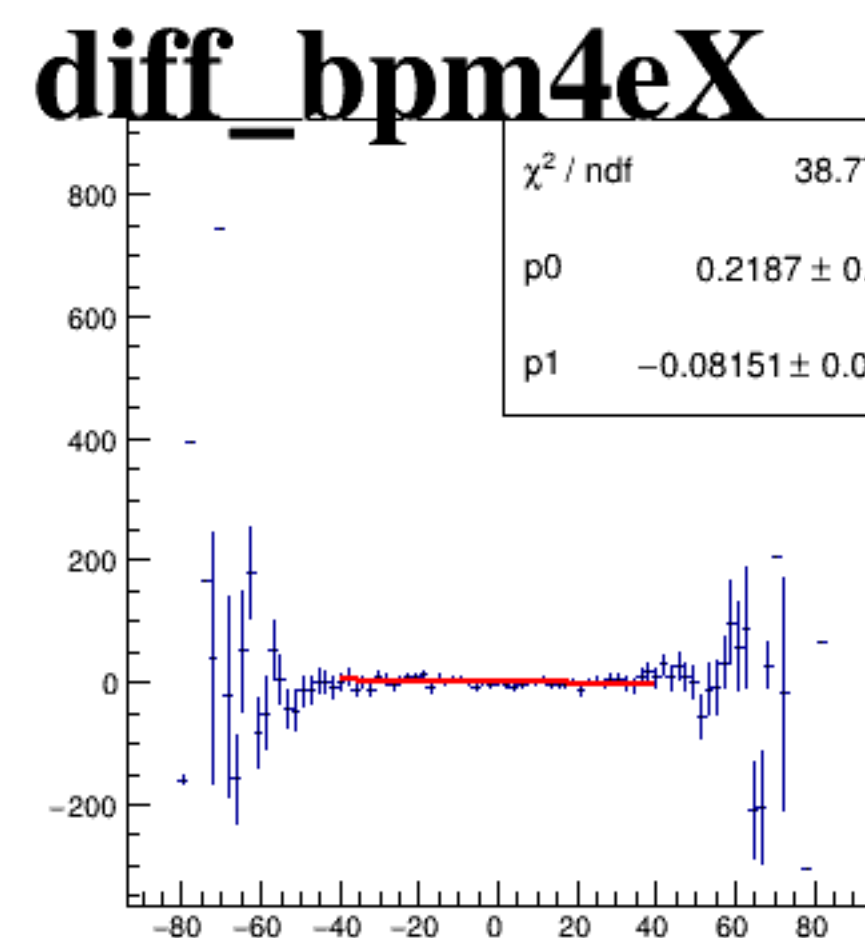
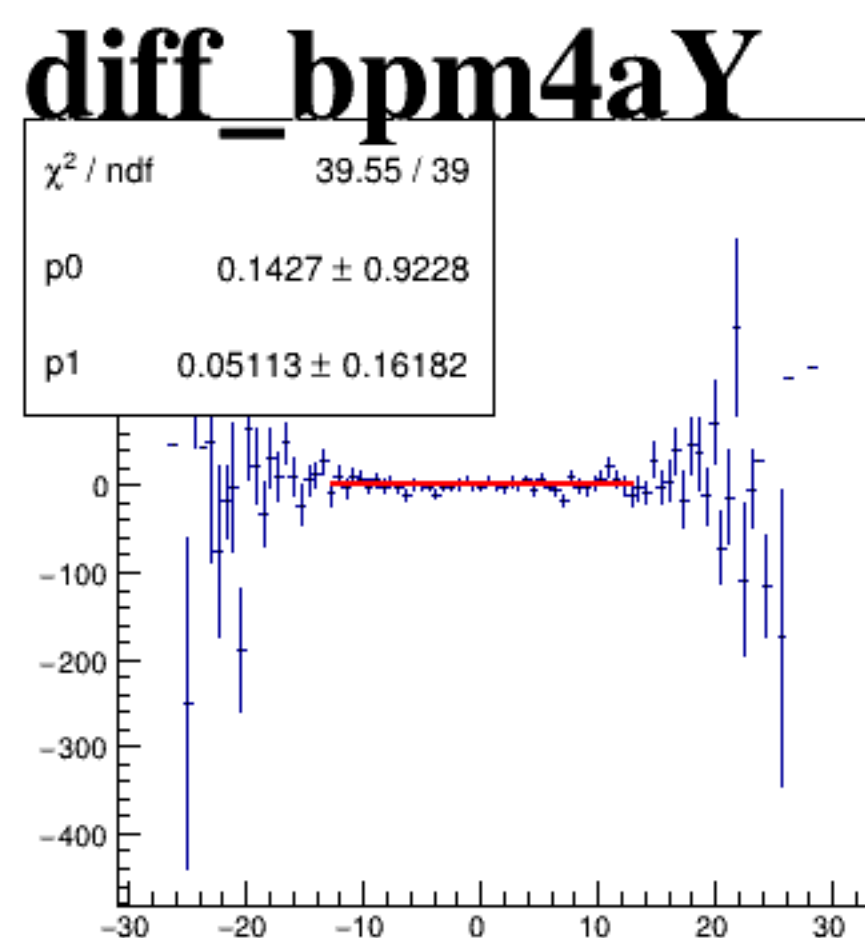
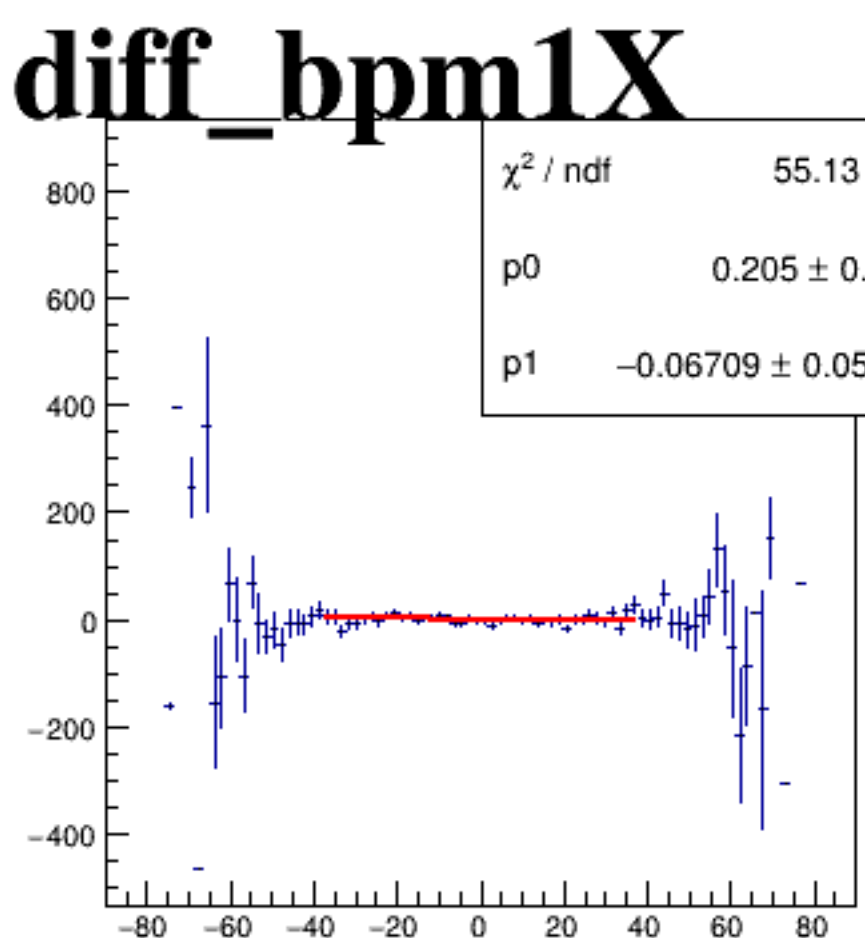
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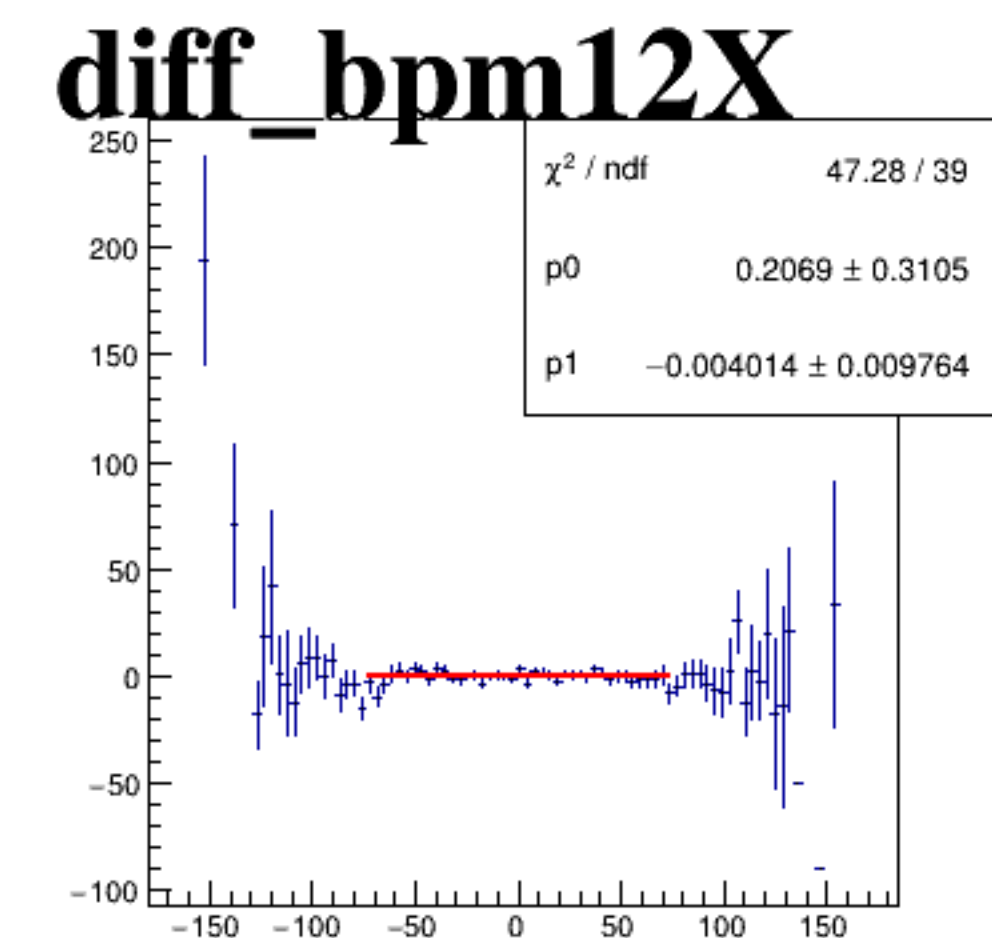
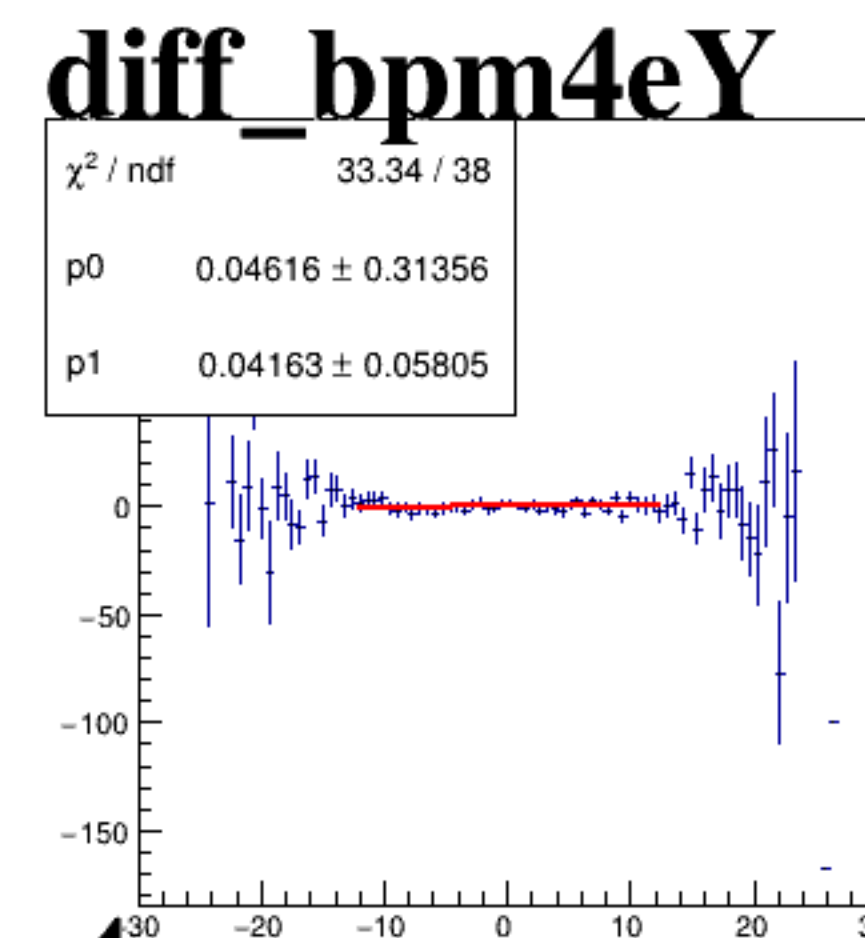
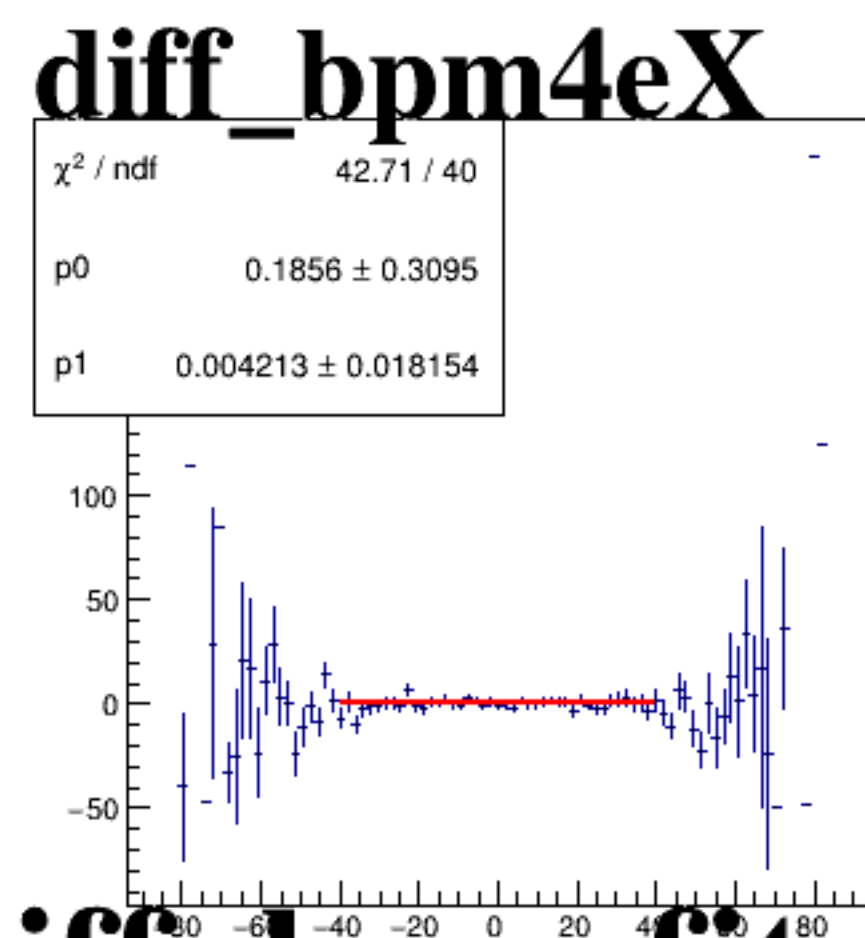
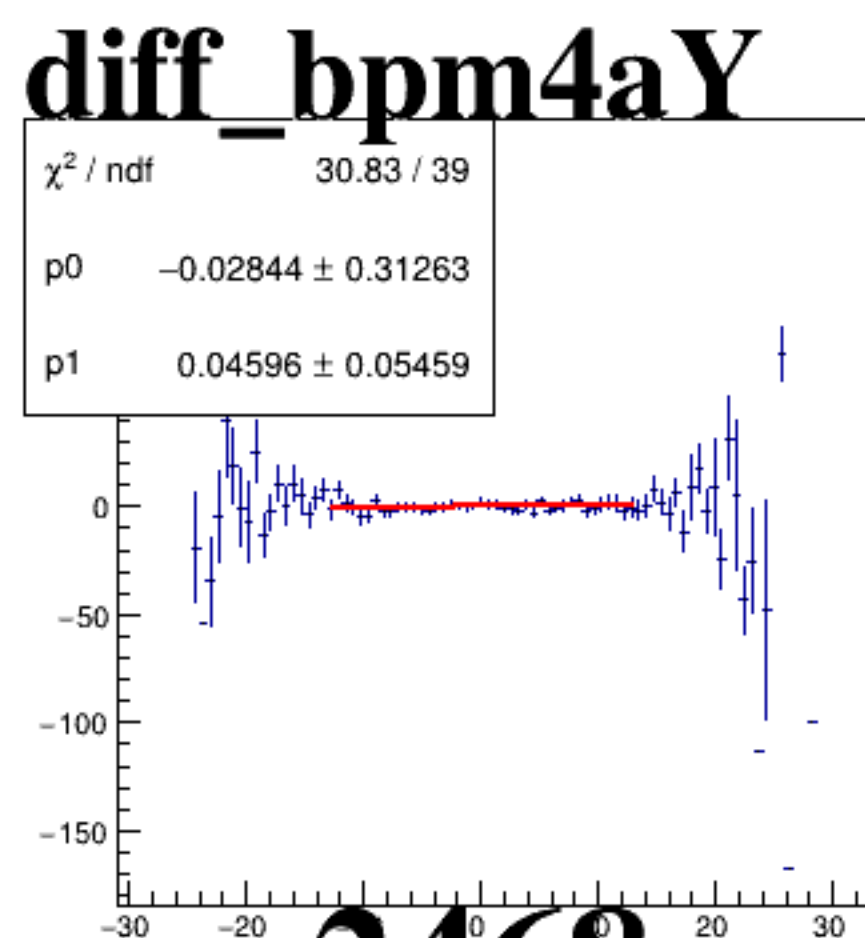
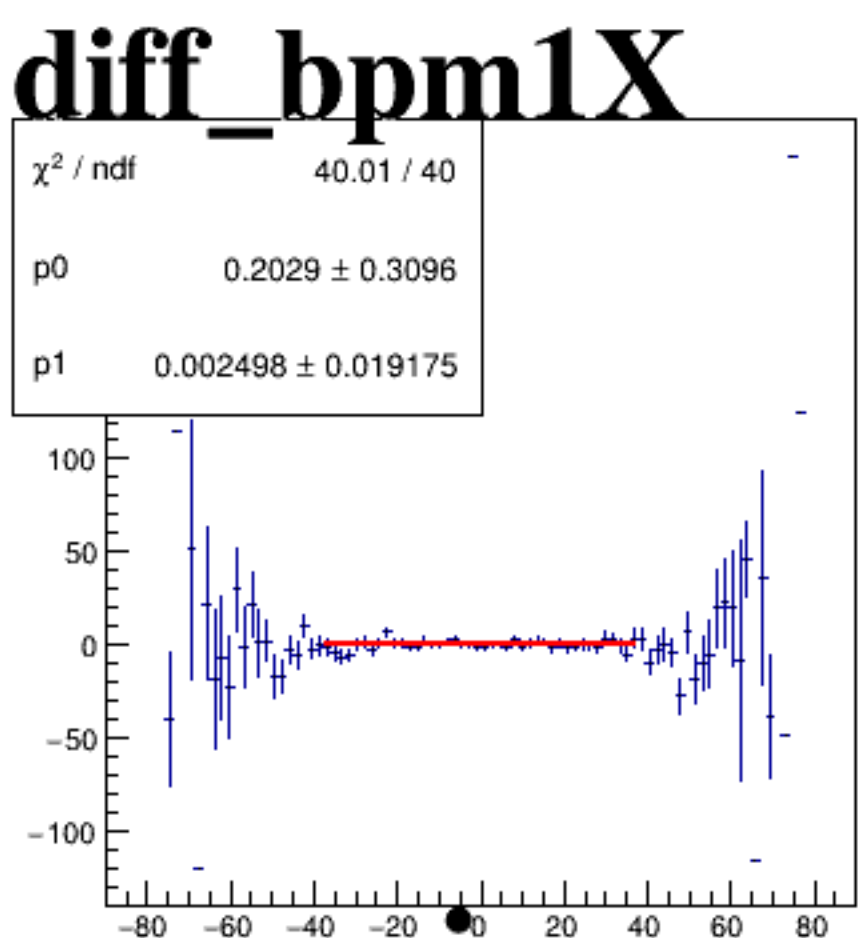
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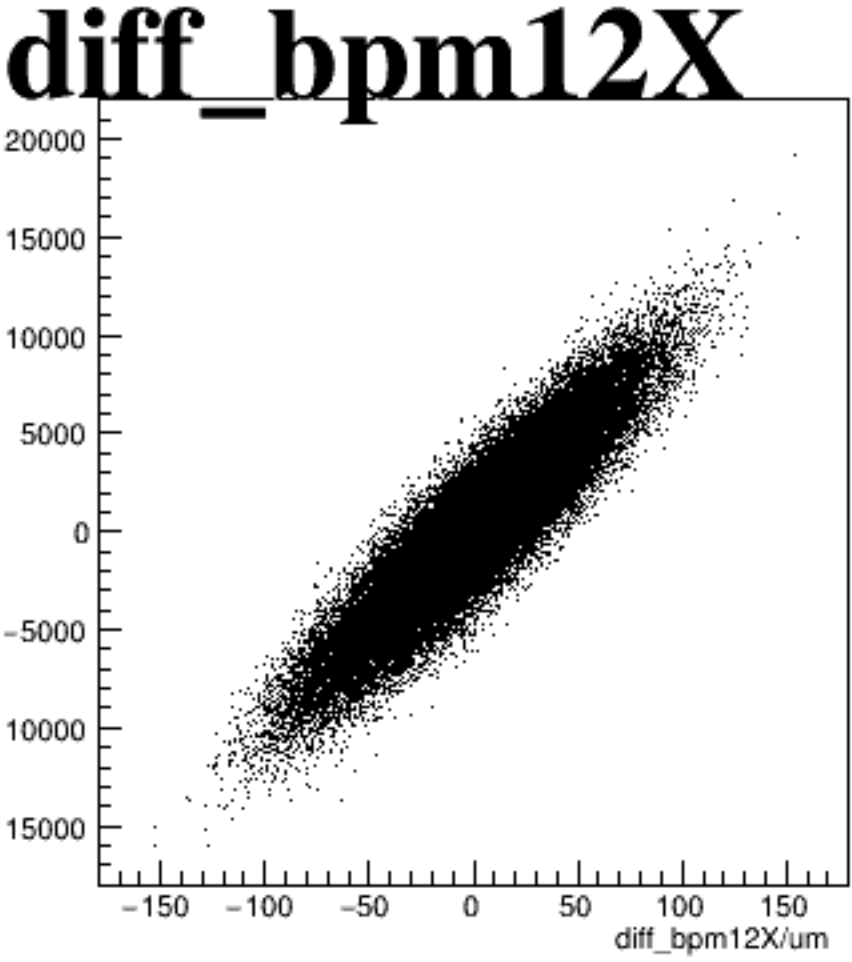
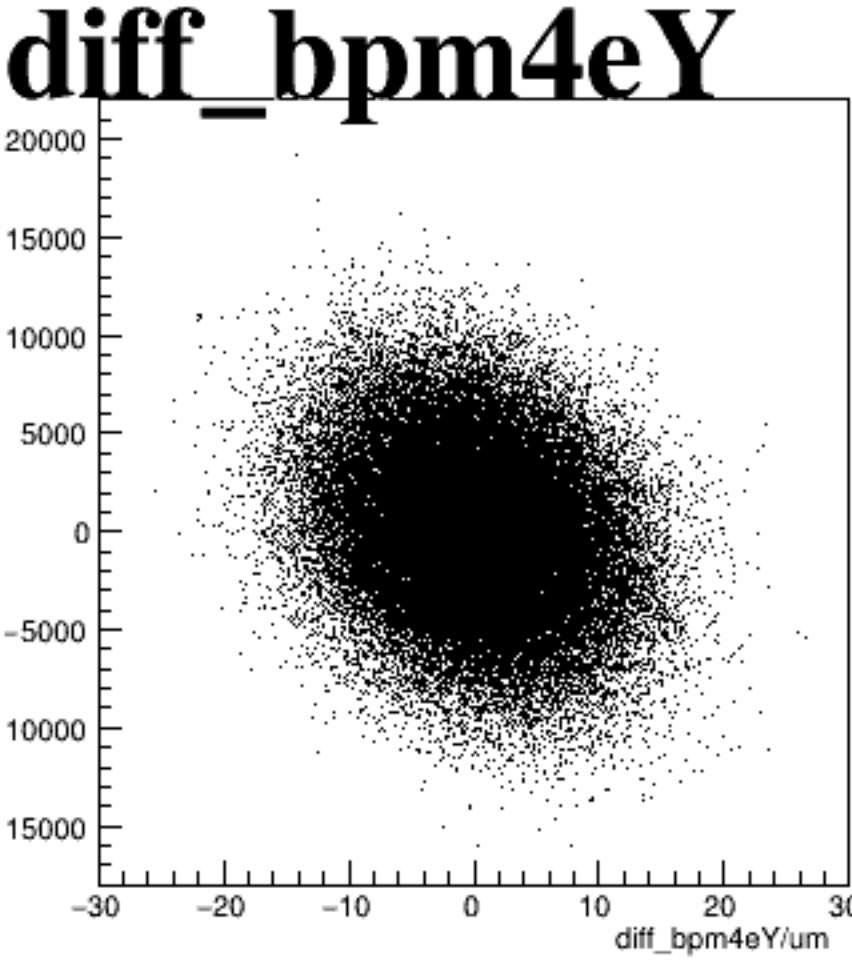
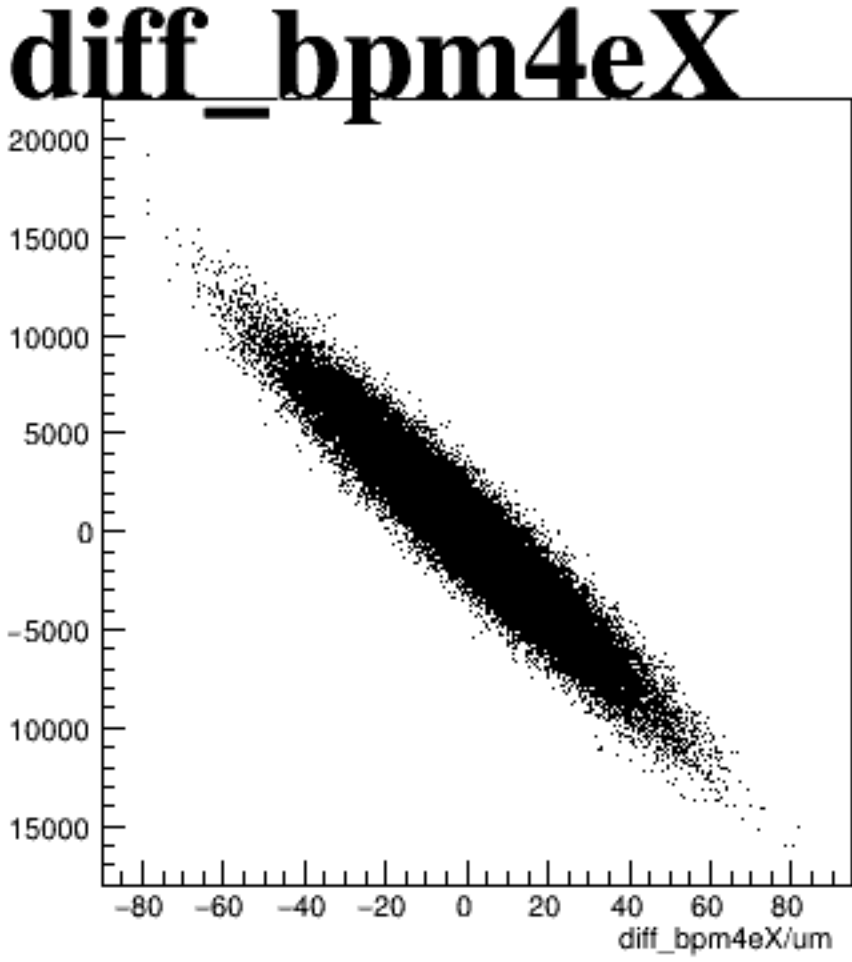
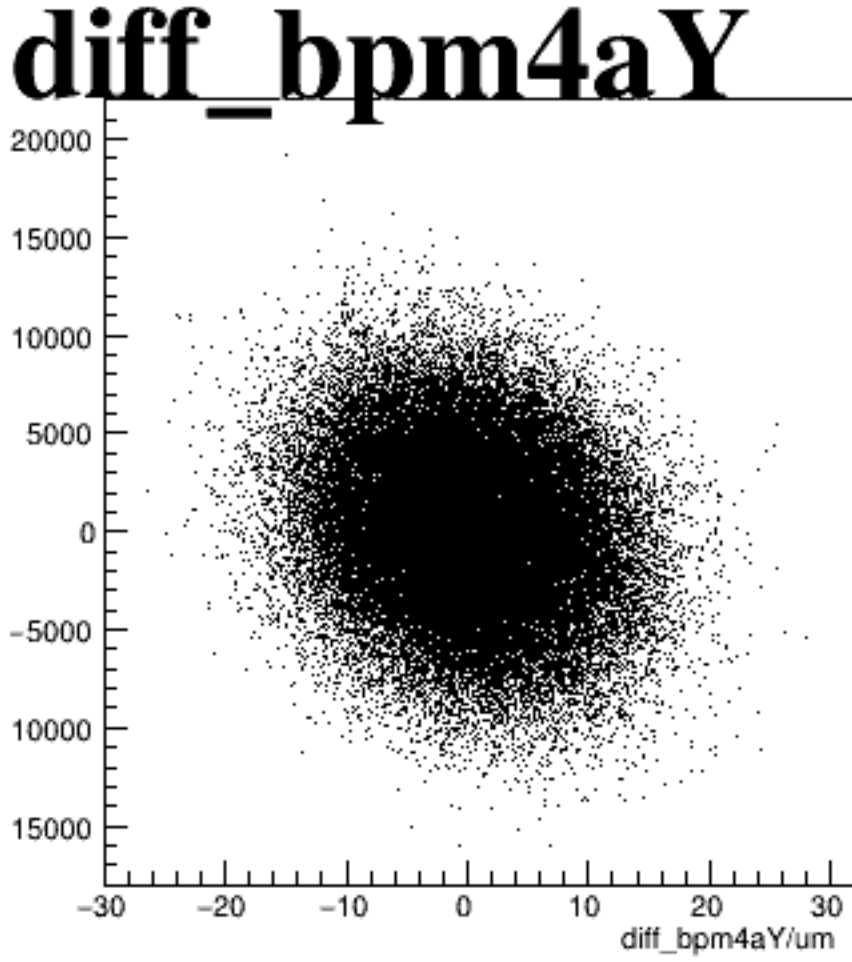
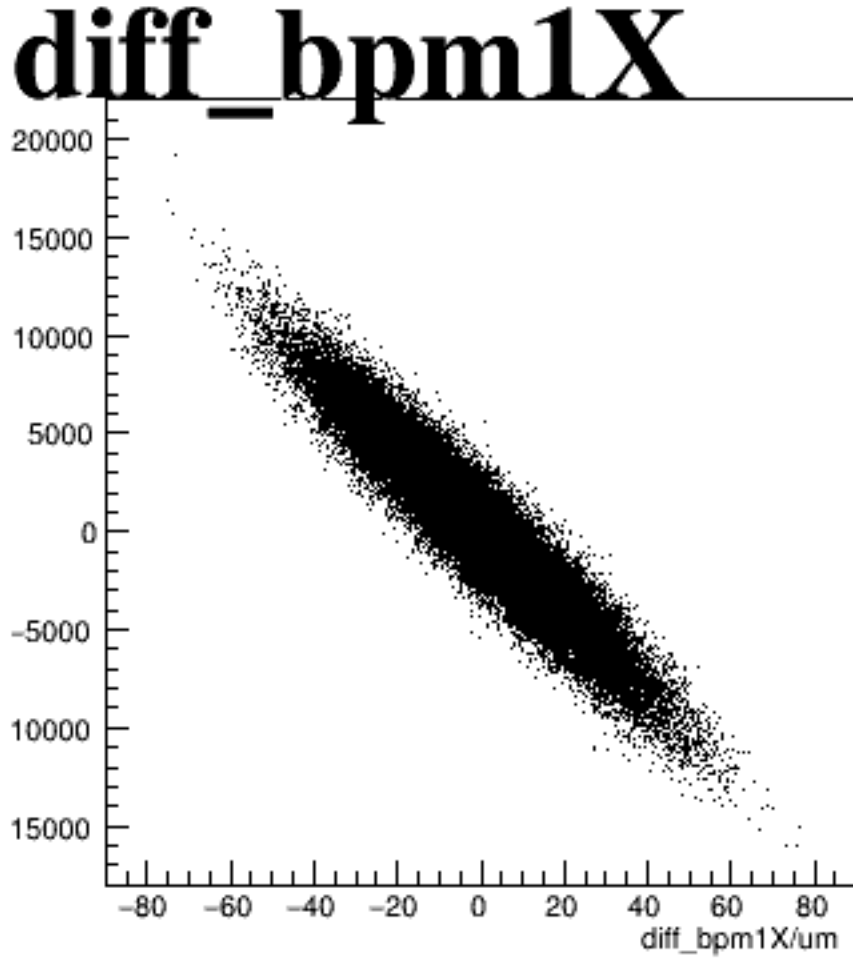
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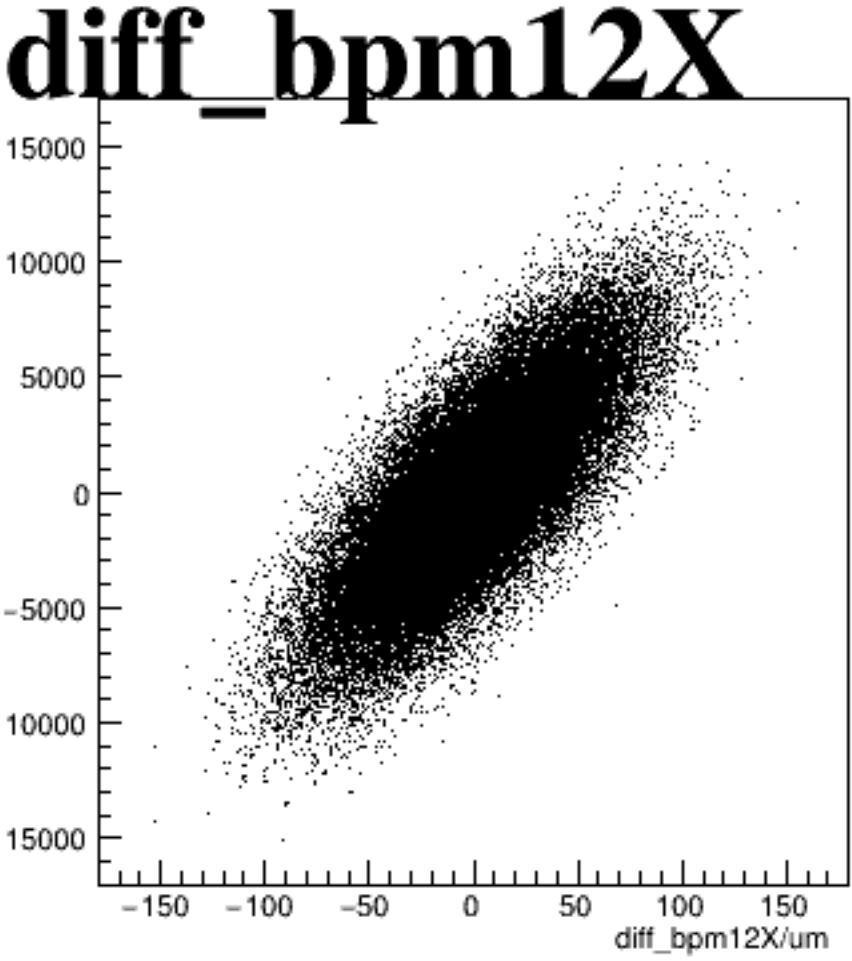
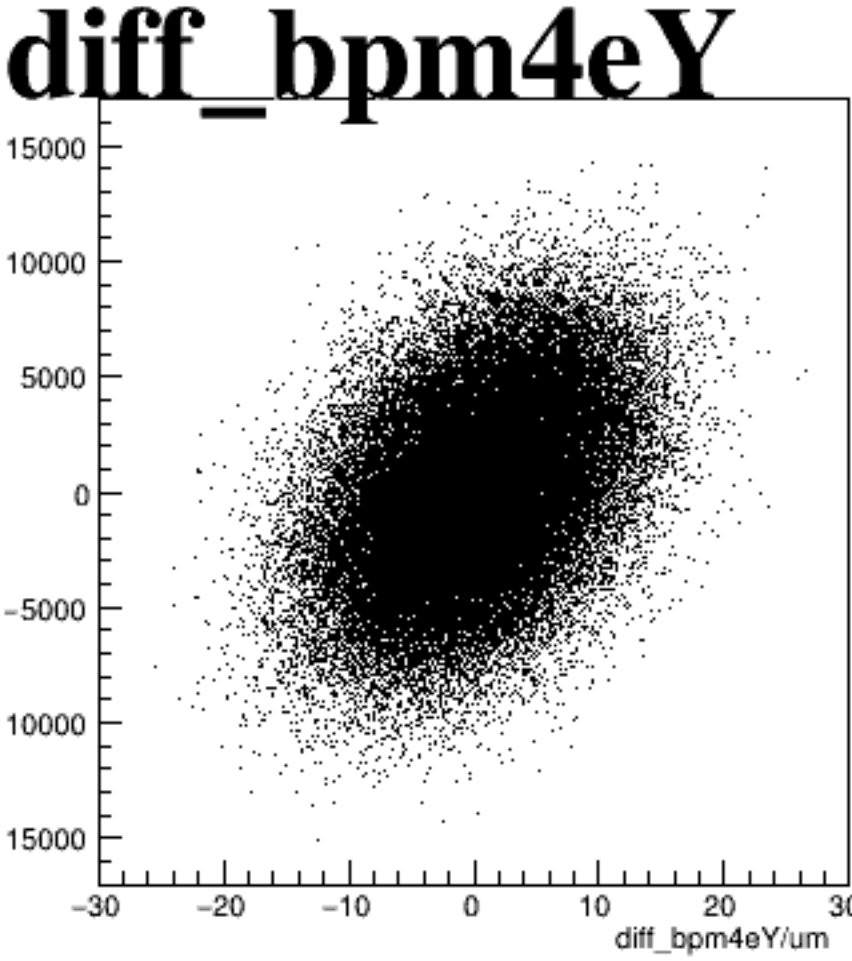
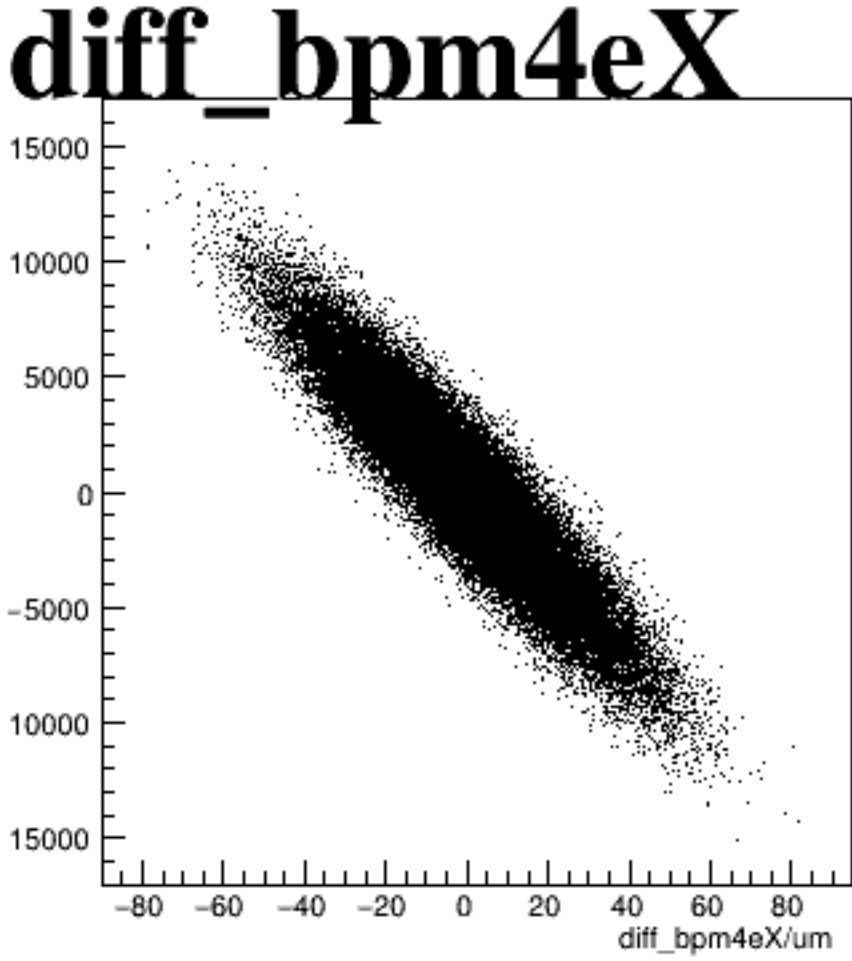
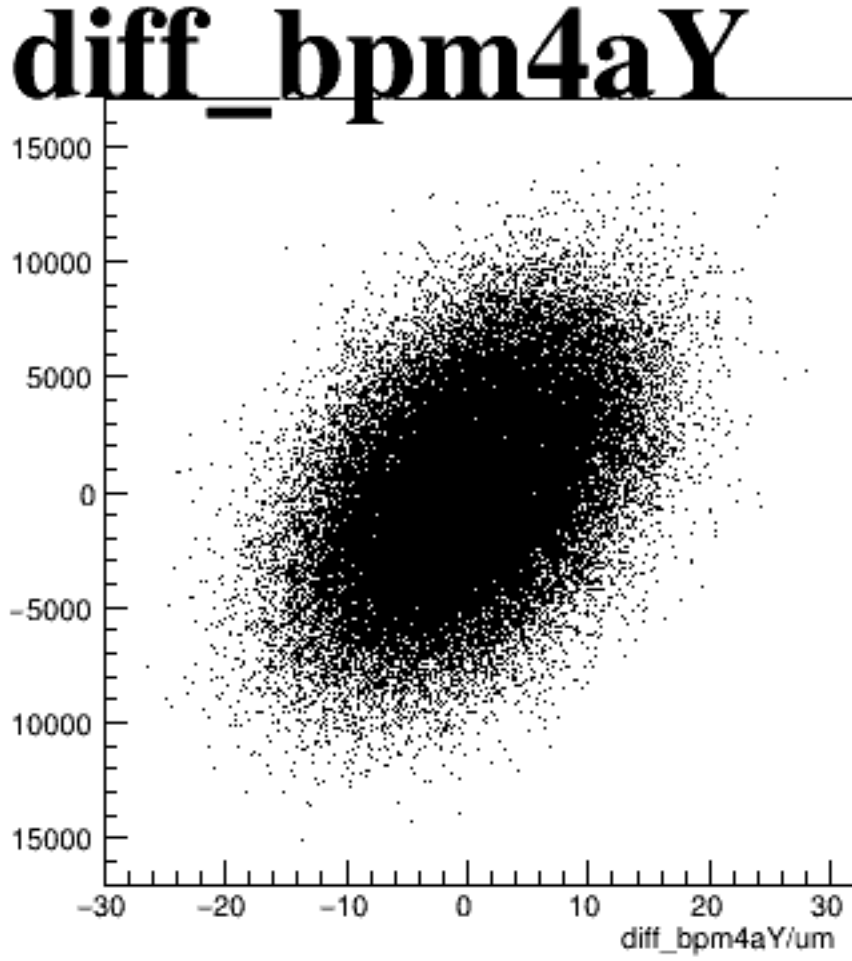
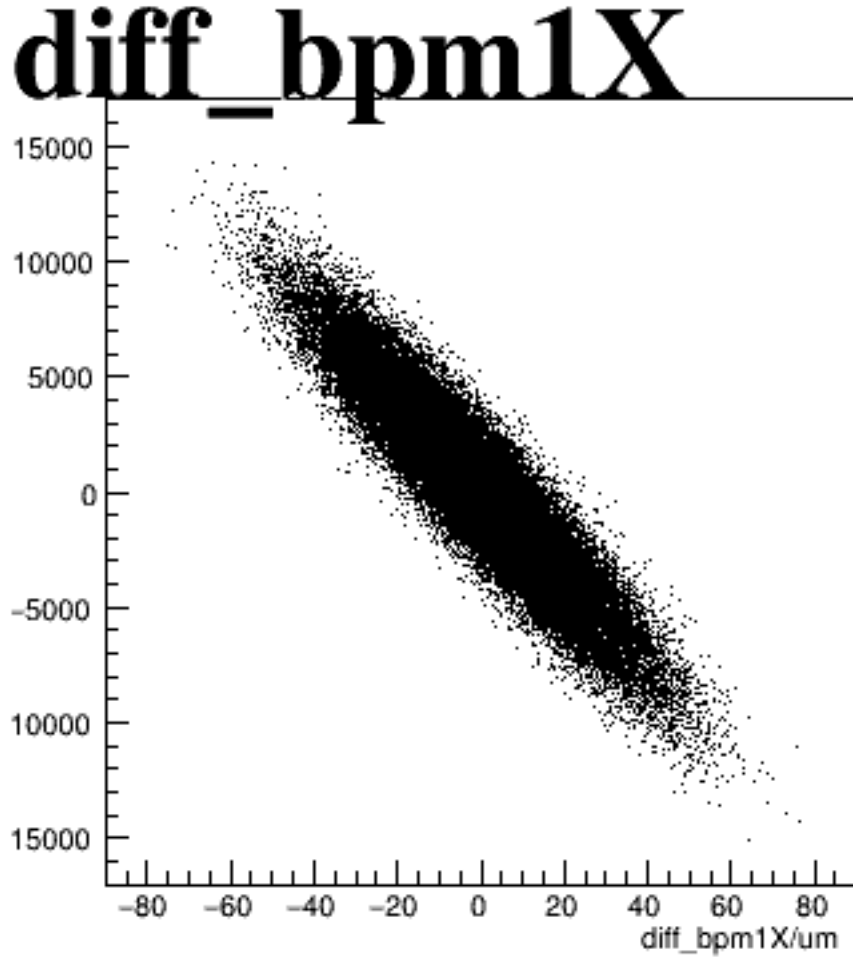
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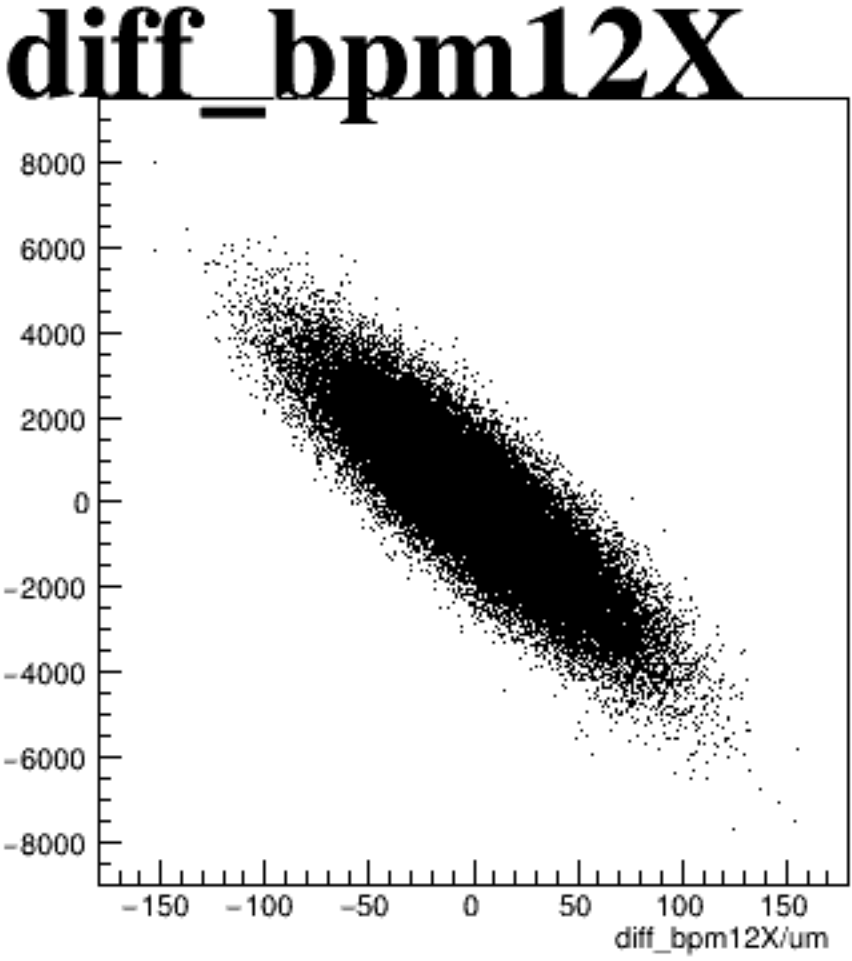
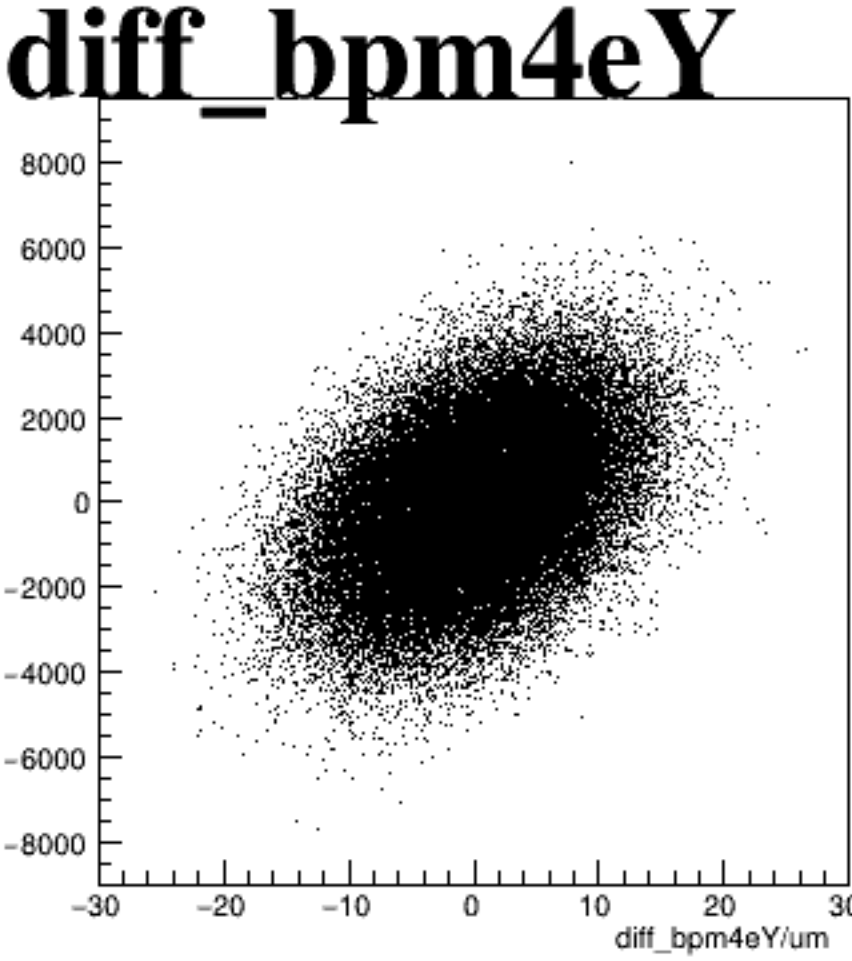
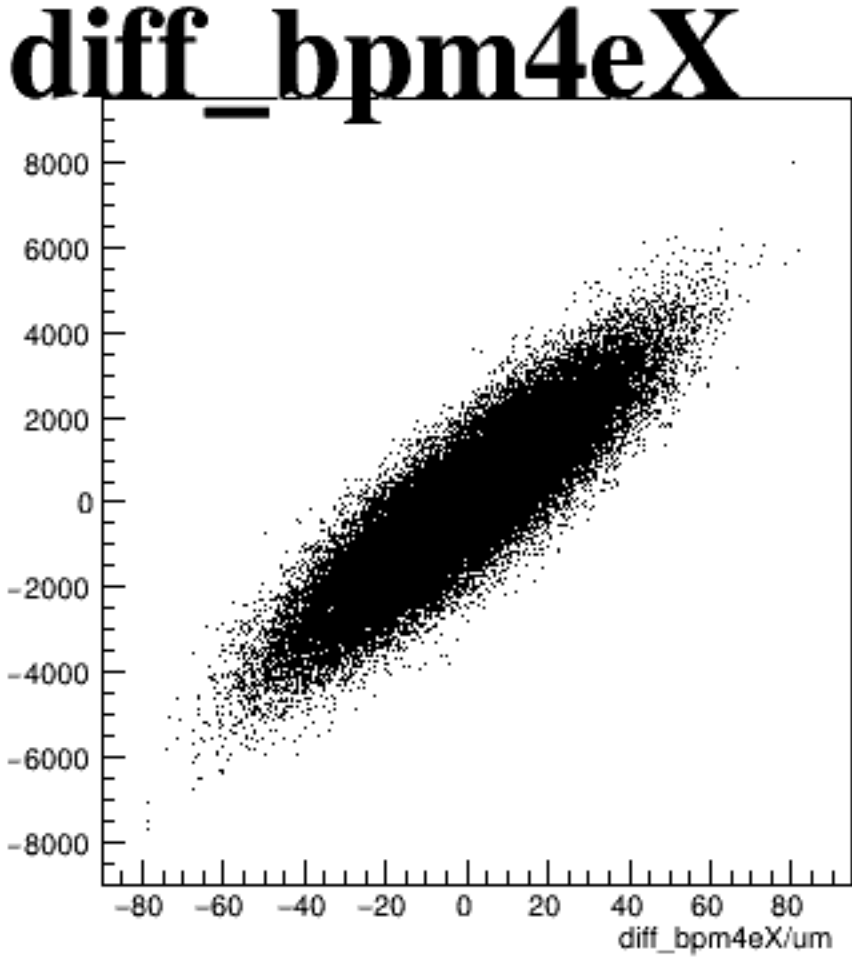
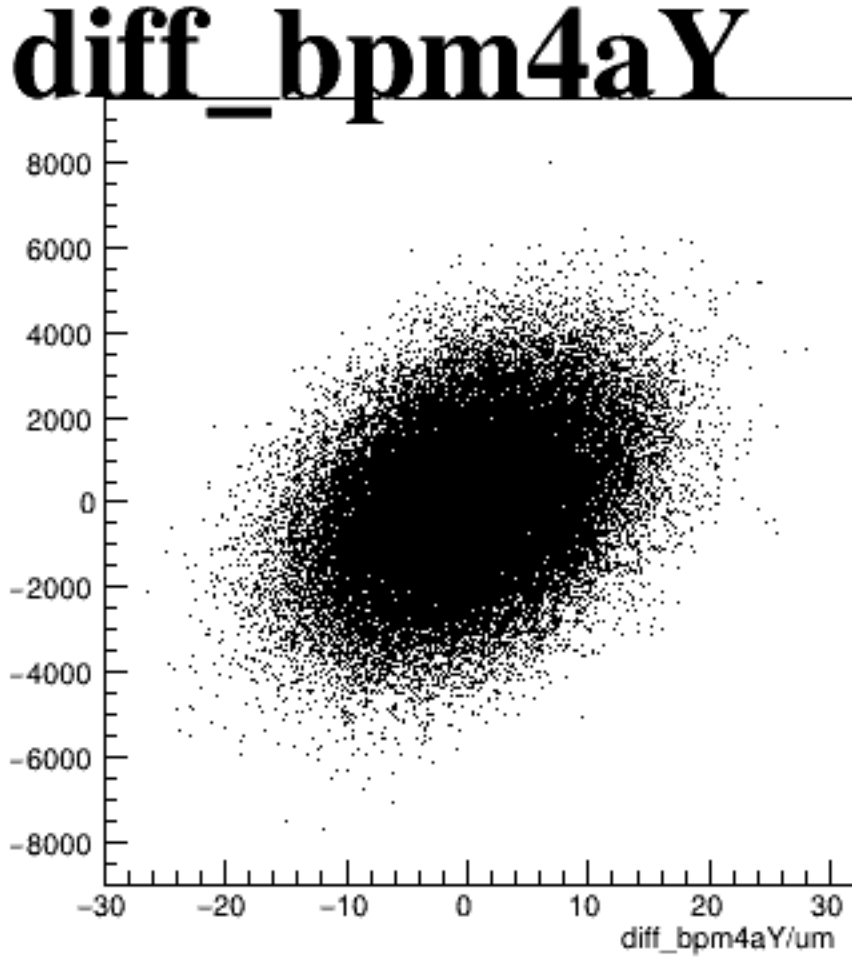
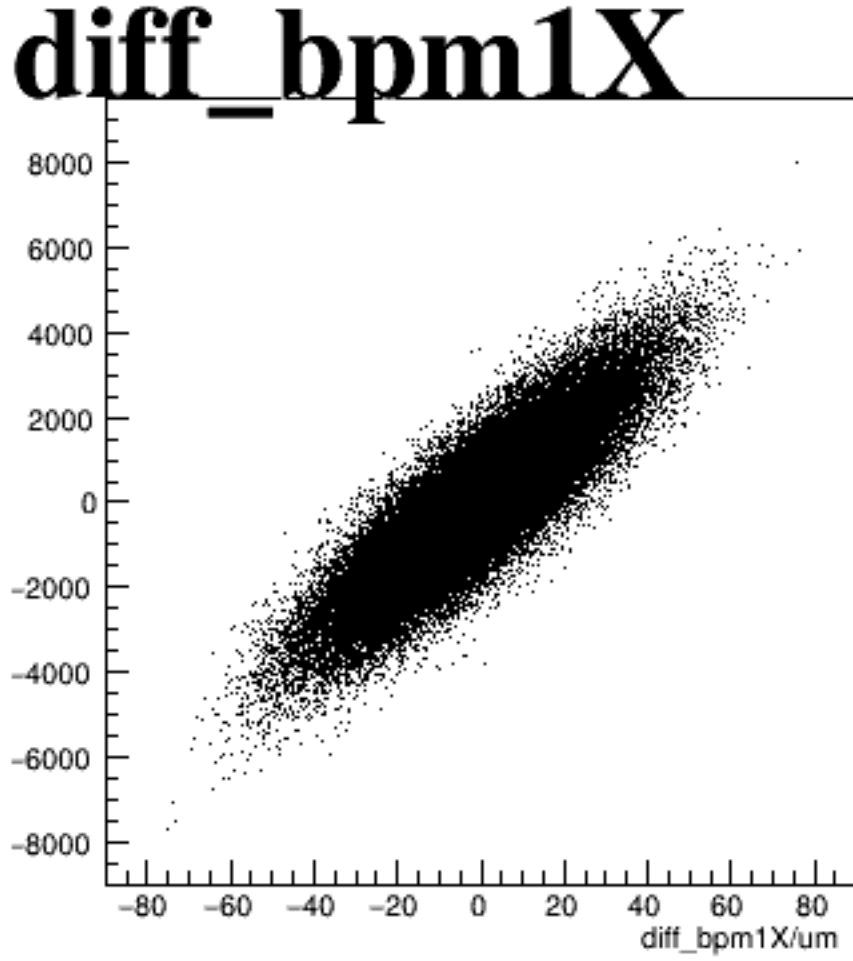
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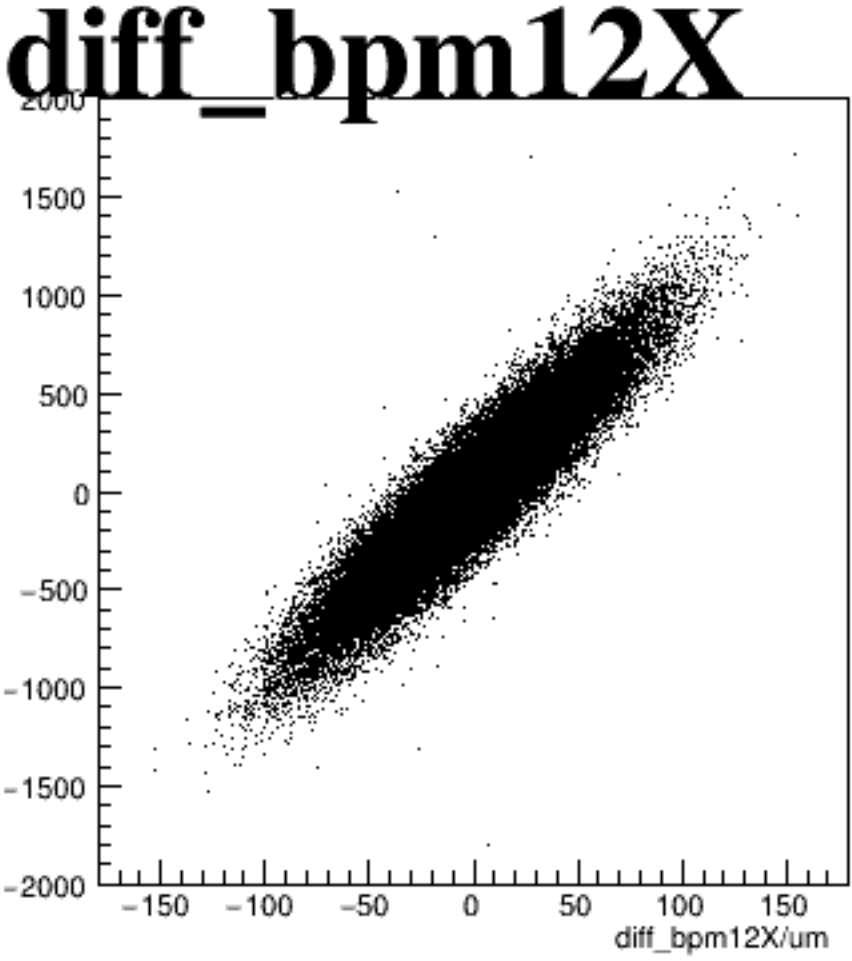
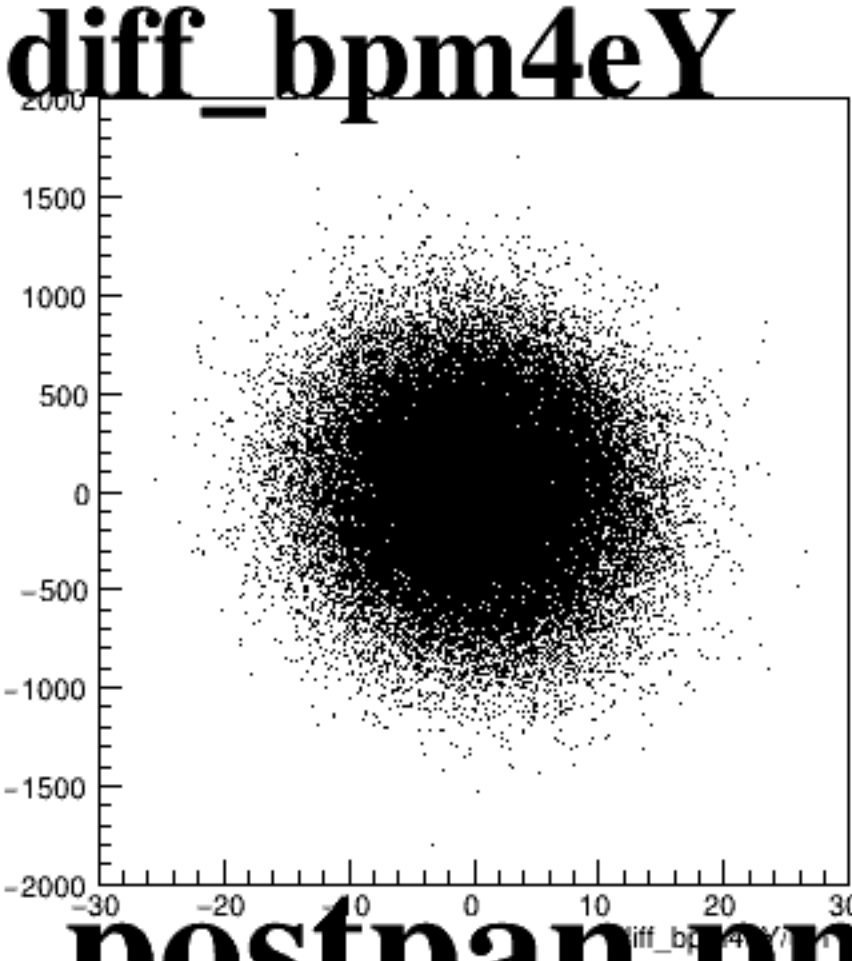
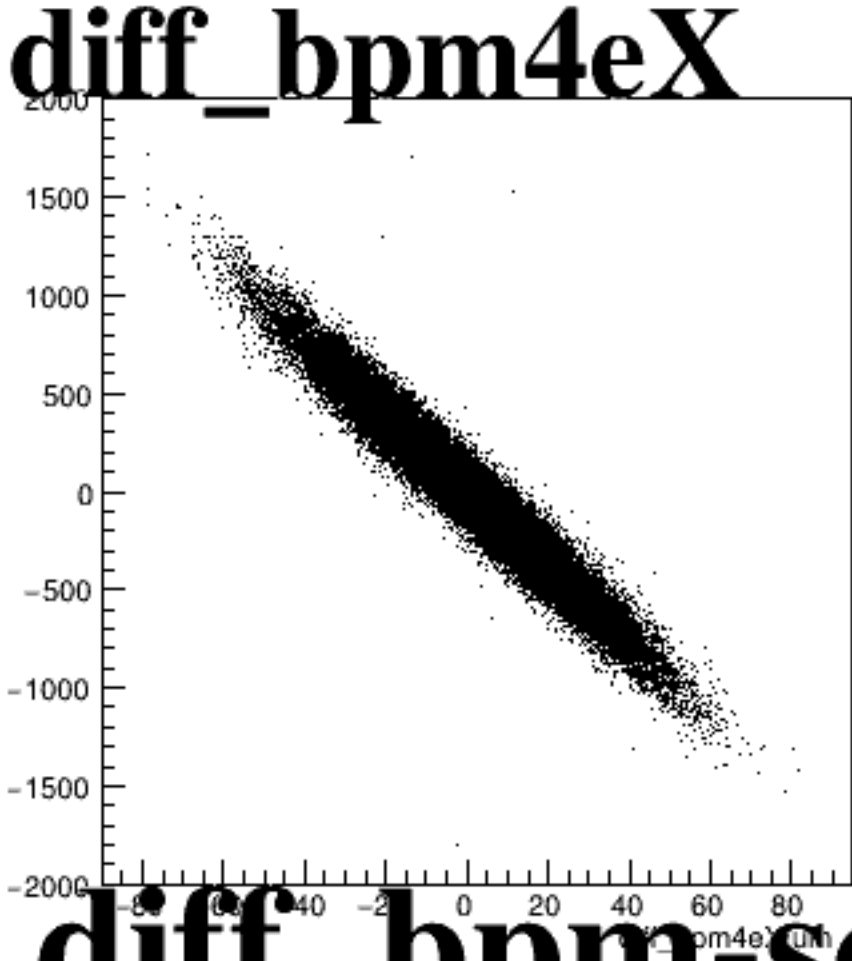
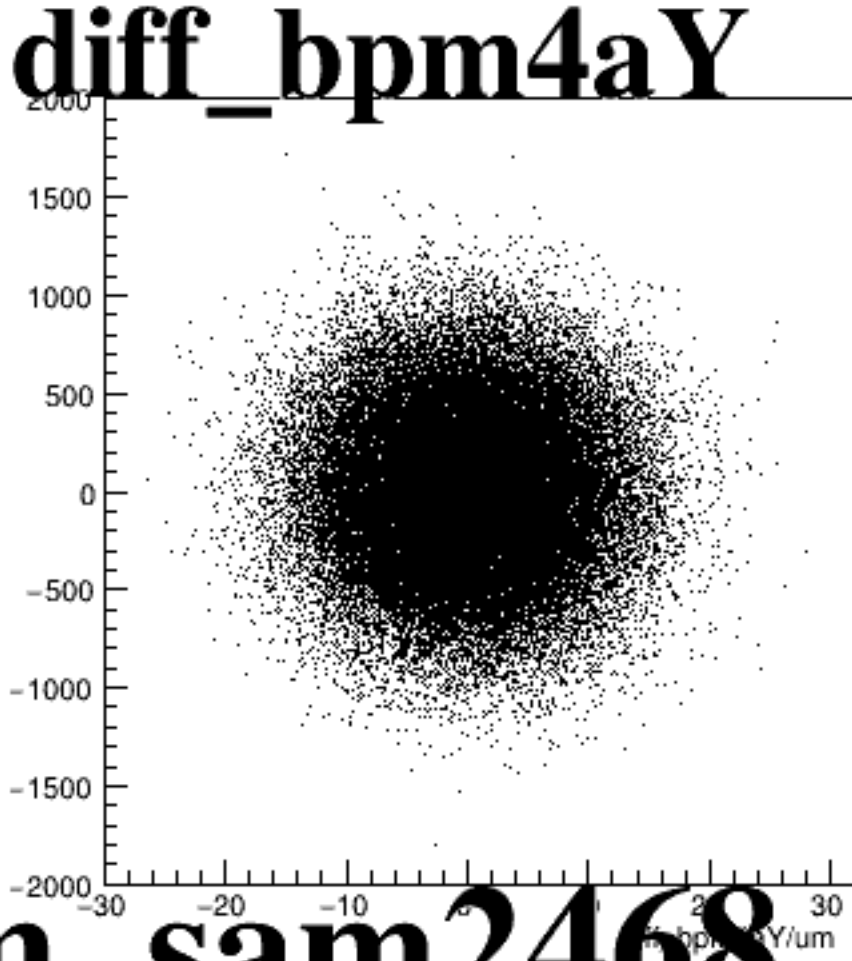
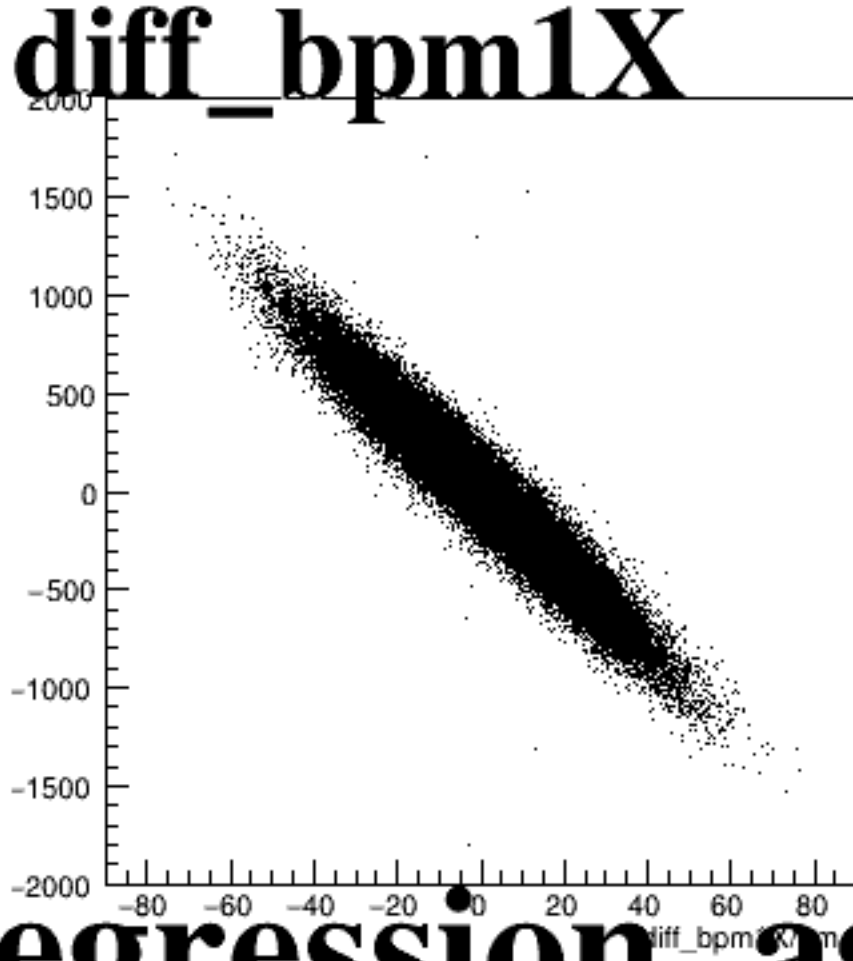
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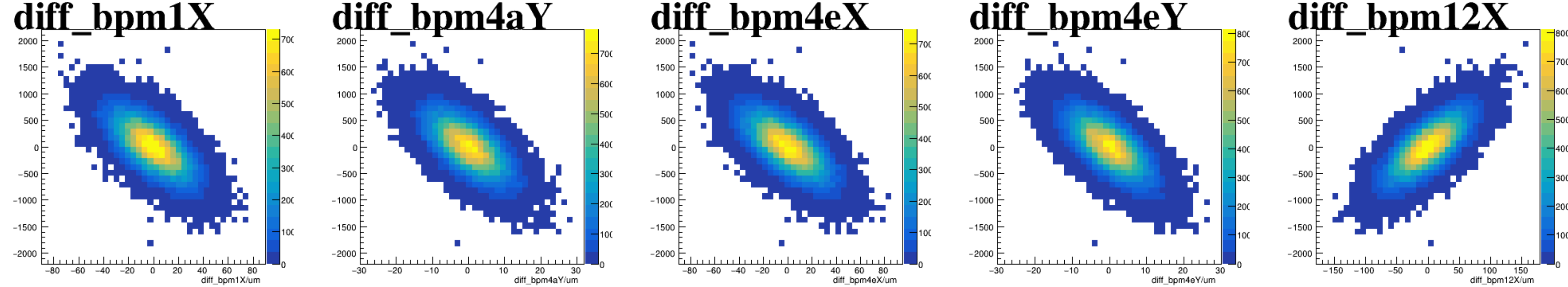
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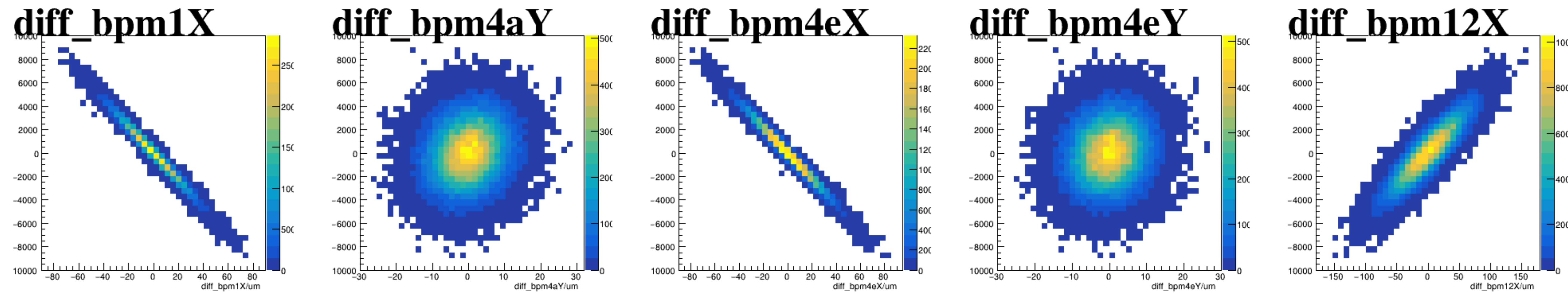
The figure displays five scatter plots, each representing the difference between a specific BPM measurement and the corresponding regression result. The plots are arranged horizontally. Each plot has a y-axis ranging from -2000 to 2000 and an x-axis ranging from -80 to 80. The data points are tightly clustered around the zero line, indicating a high degree of agreement between the BPM measurements and the regression model.

- diff_bpm1X**: Shows the difference between BPM1 and the regression result. The x-axis ranges from -80 to 80.
- diff_bpm4aY**: Shows the difference between BPM4a and the regression result. The x-axis ranges from -30 to 30.
- diff_bpm4eX**: Shows the difference between BPM4e and the regression result. The x-axis ranges from -80 to 80.
- diff_bpm4eY**: Shows the difference between BPM4e and the regression result. The x-axis ranges from -30 to 30.
- diff_bpm12X**: Shows the difference between BPM12 and the regression result. The x-axis ranges from -150 to 150.

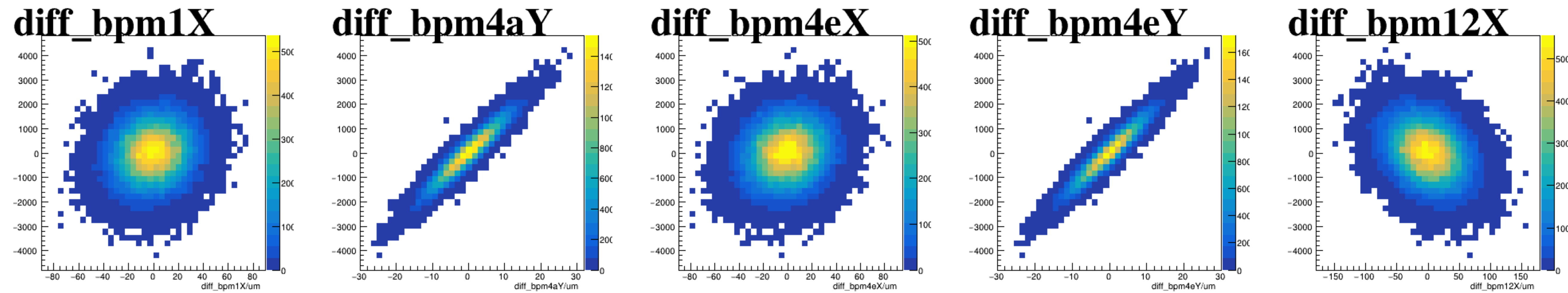
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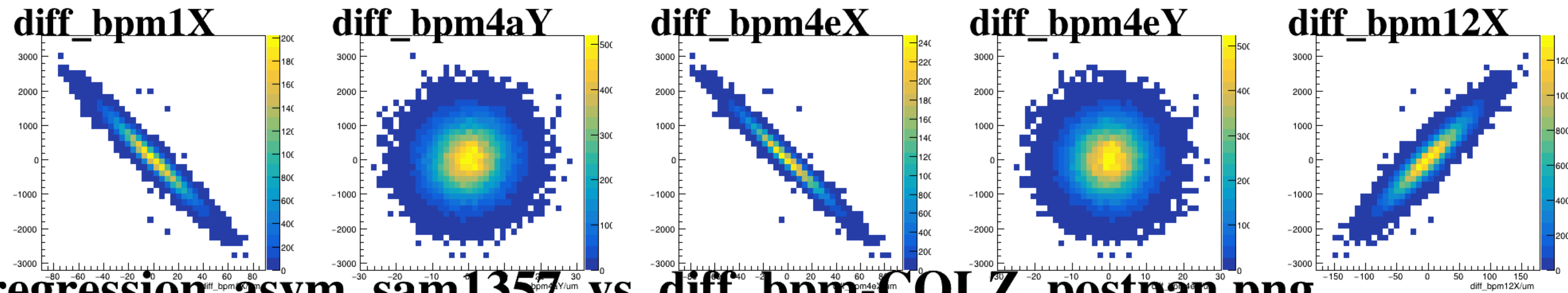
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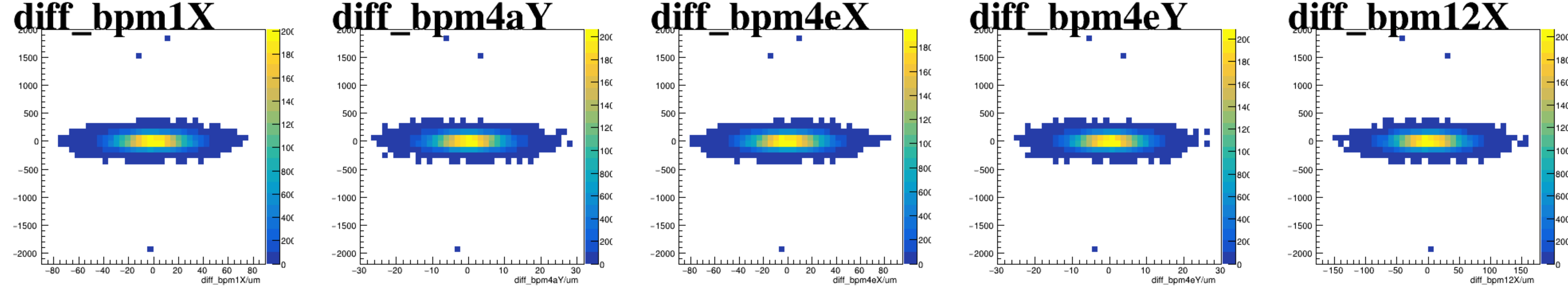
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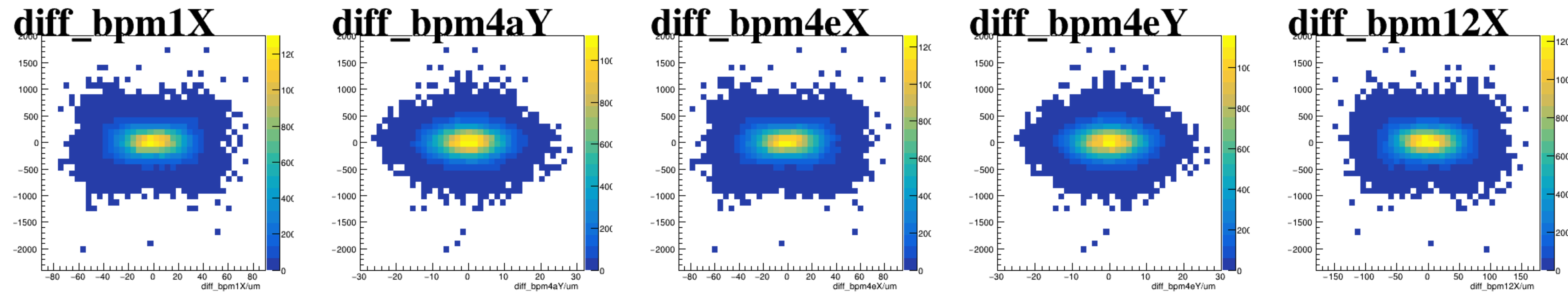
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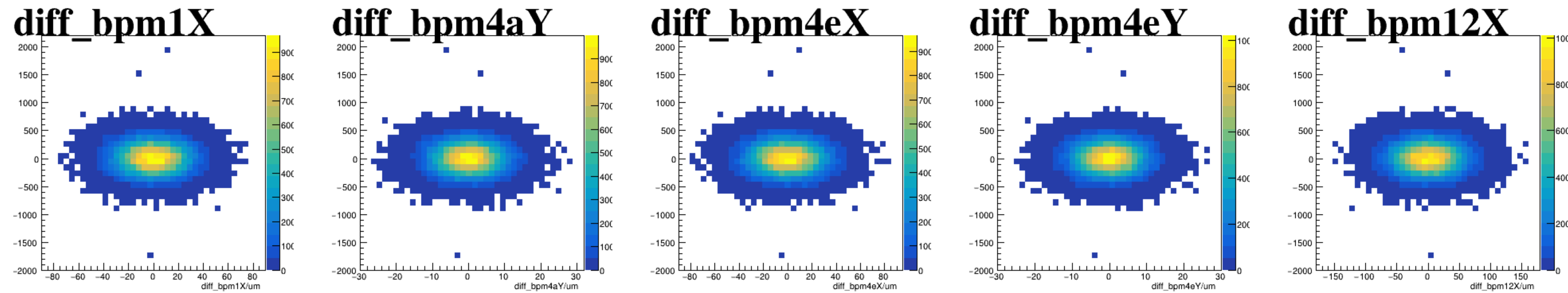
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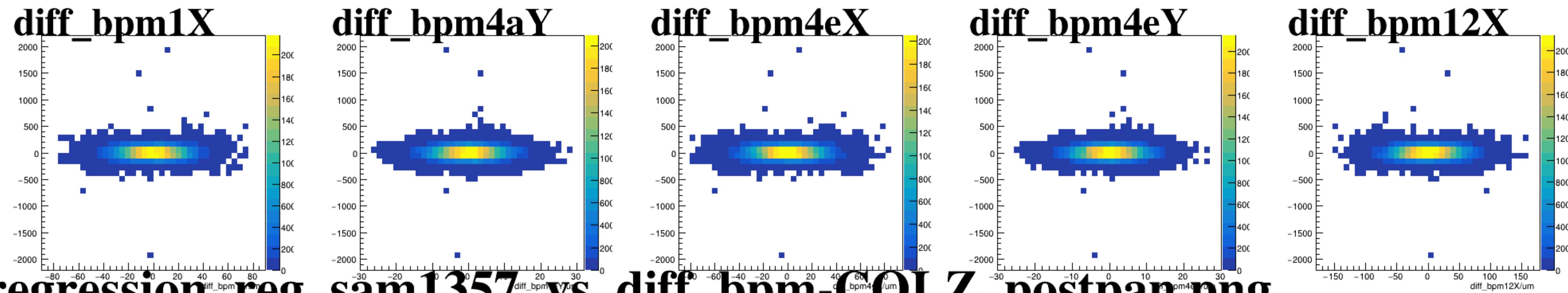
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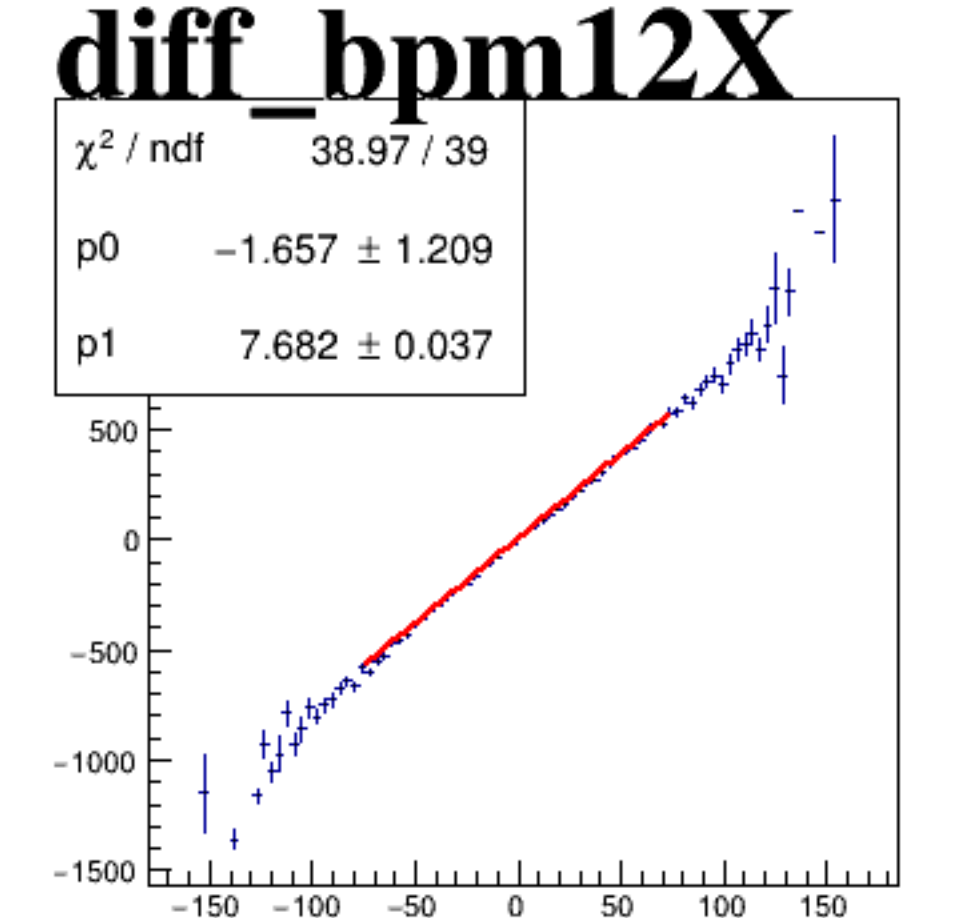
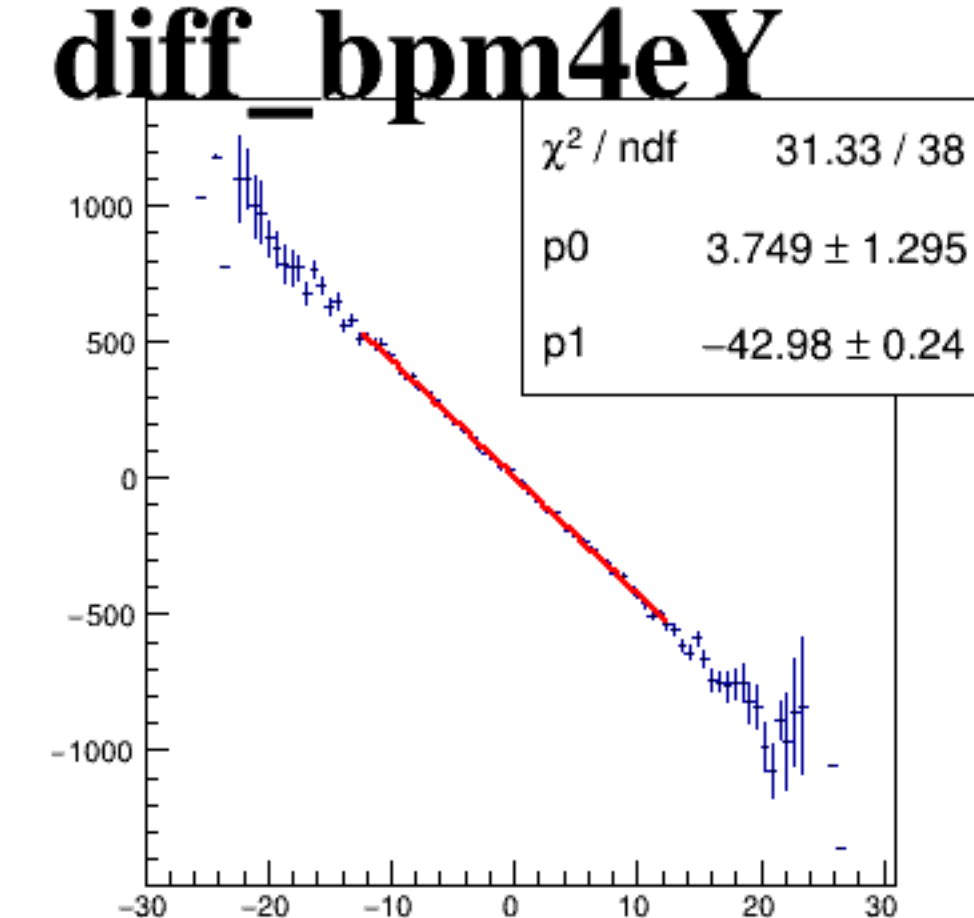
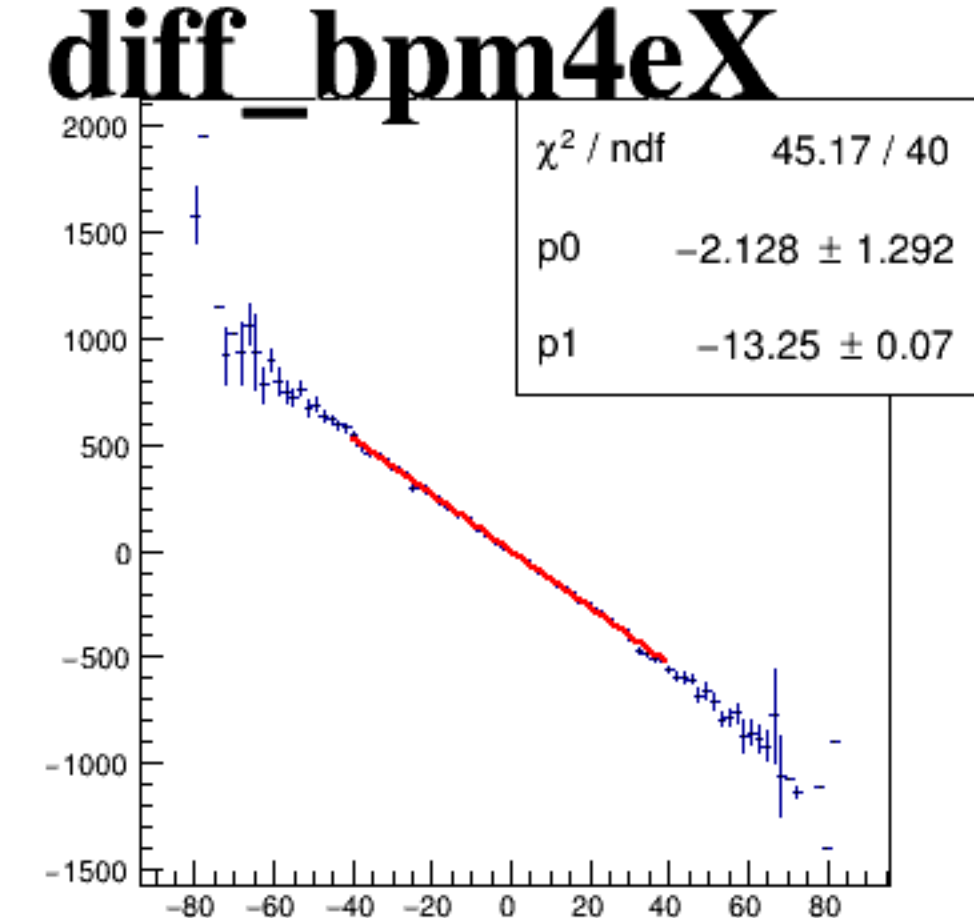
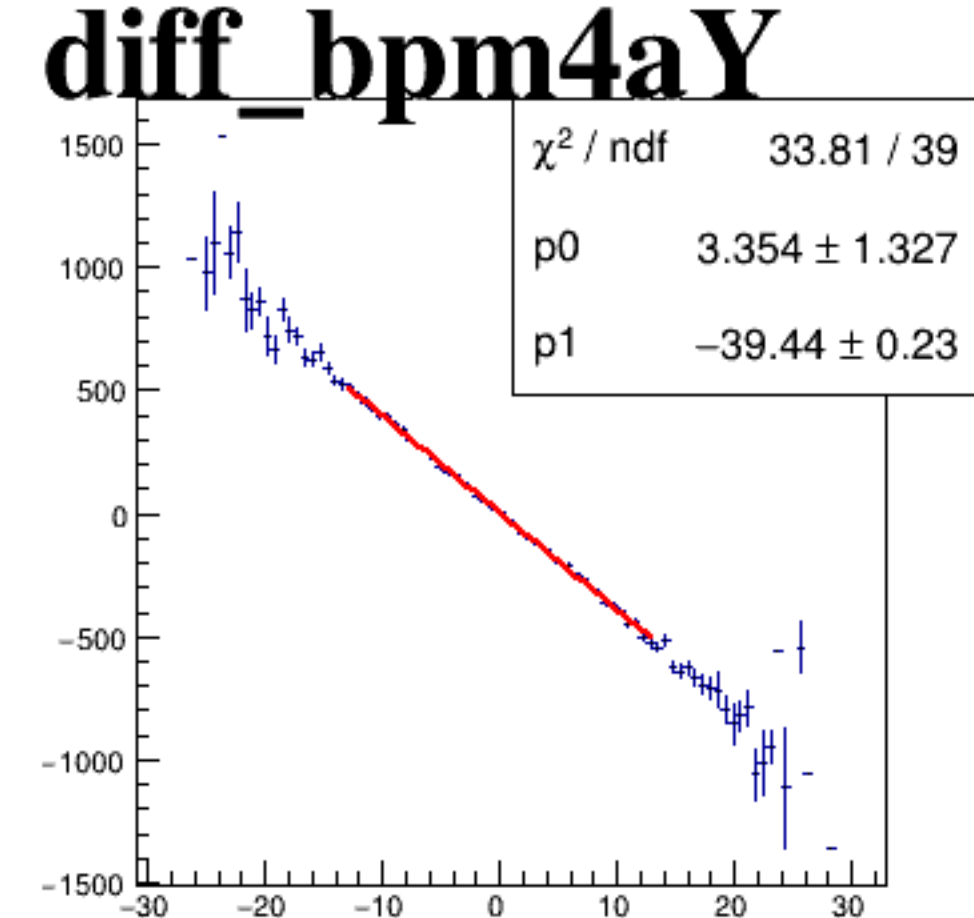
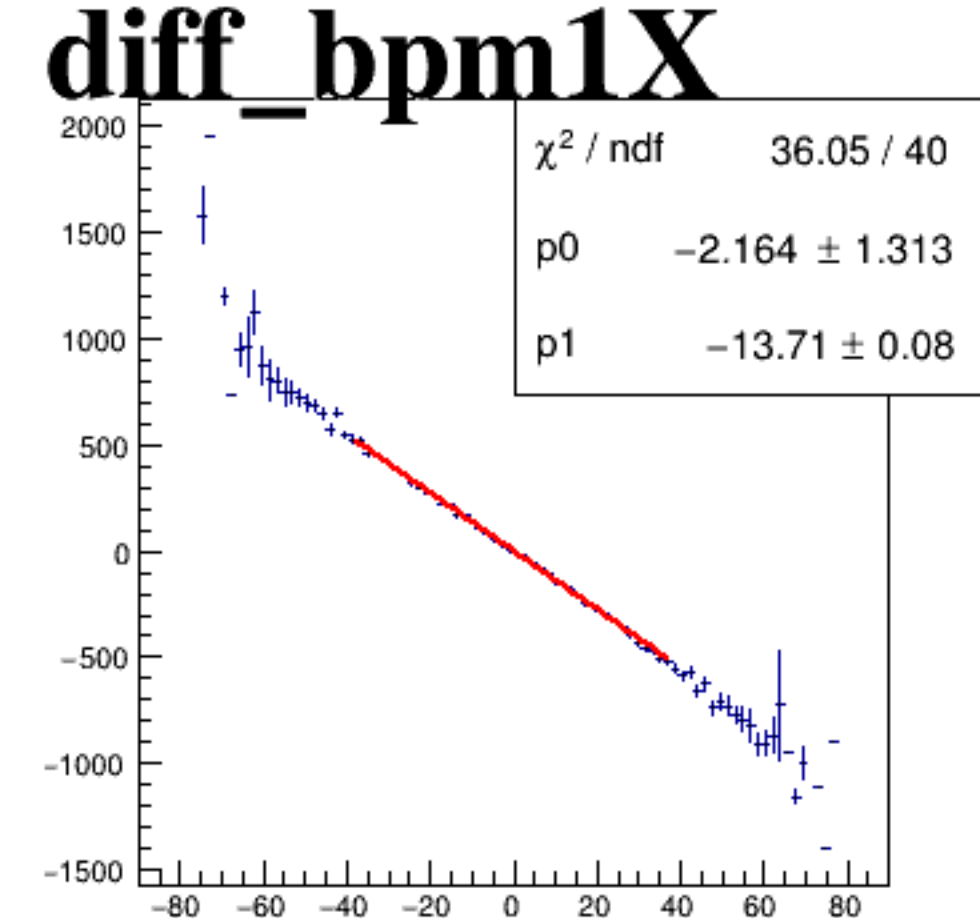
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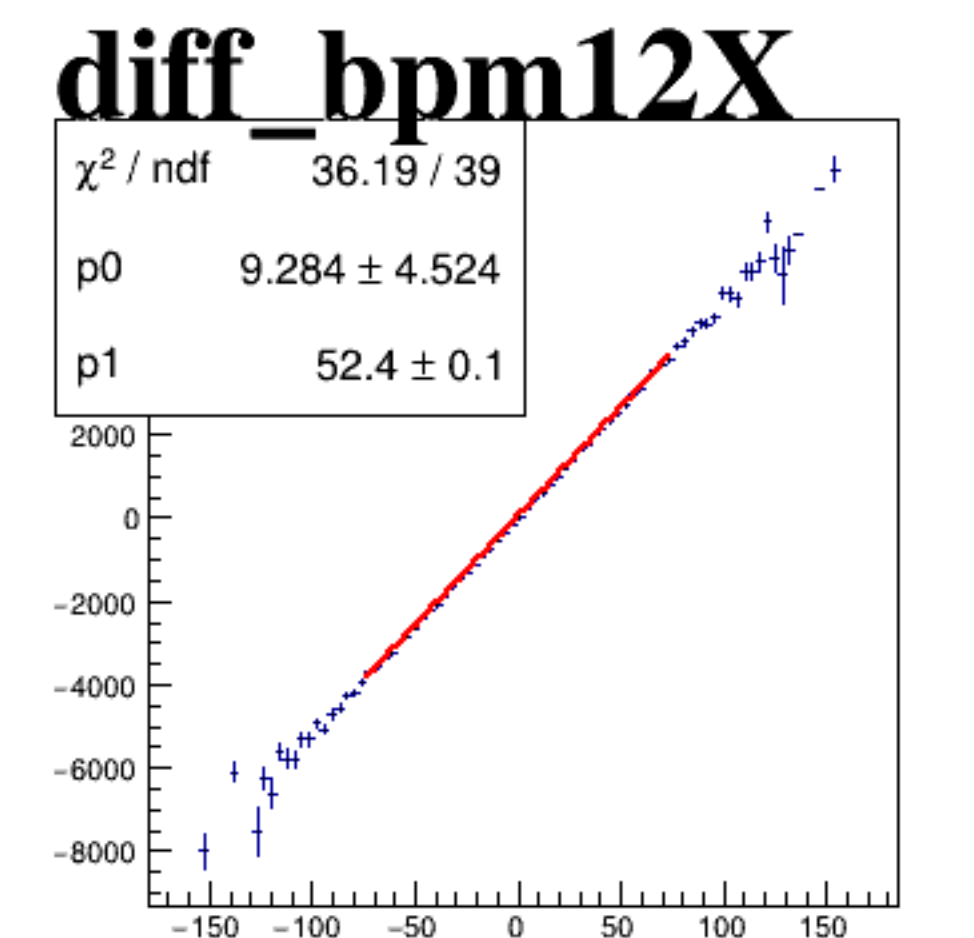
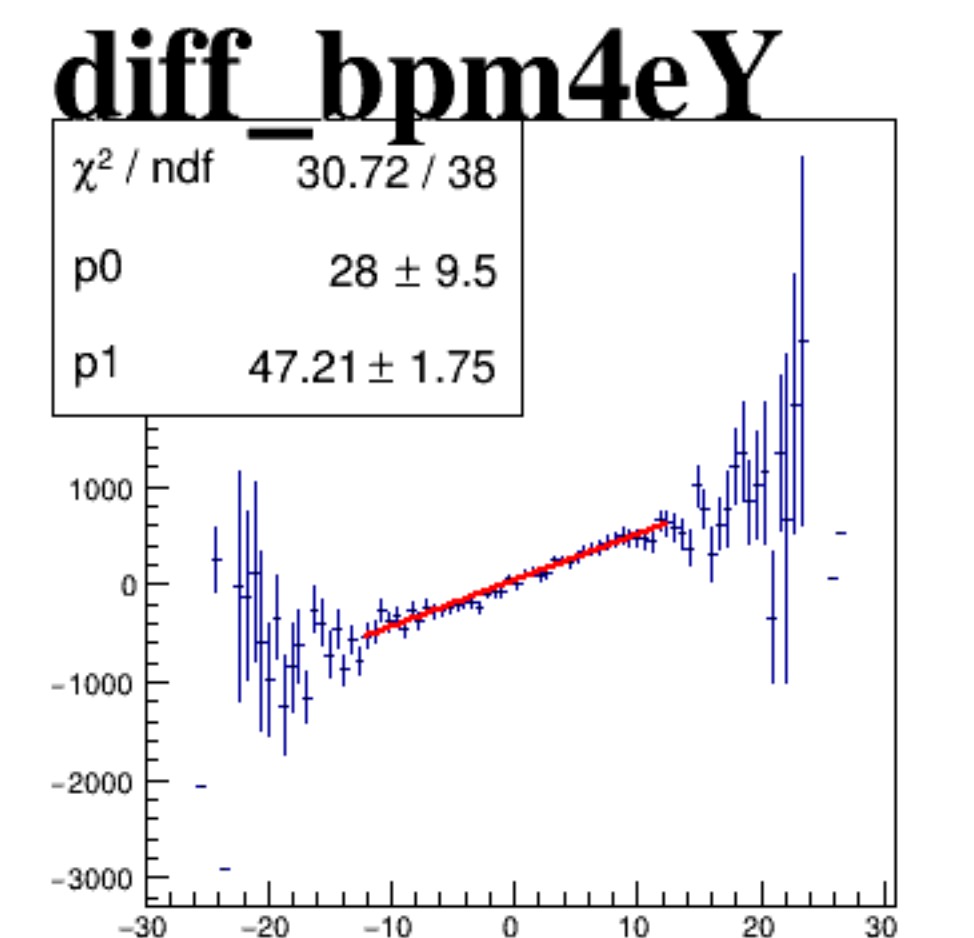
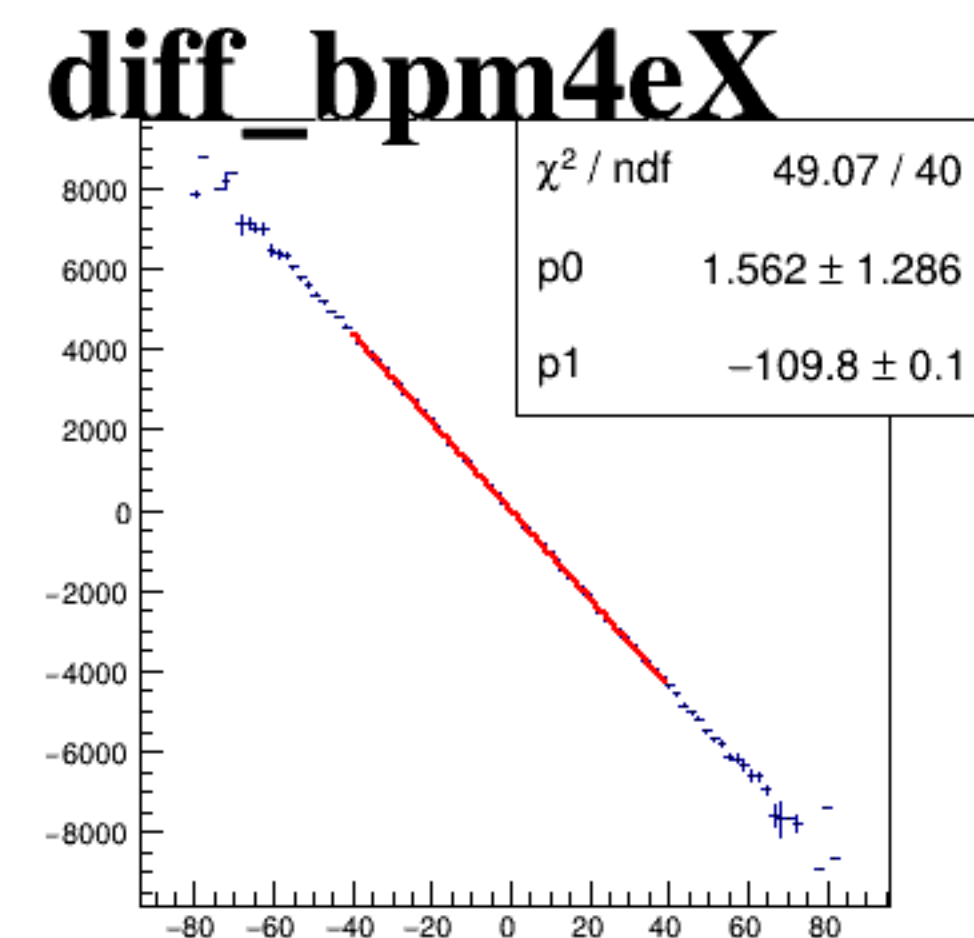
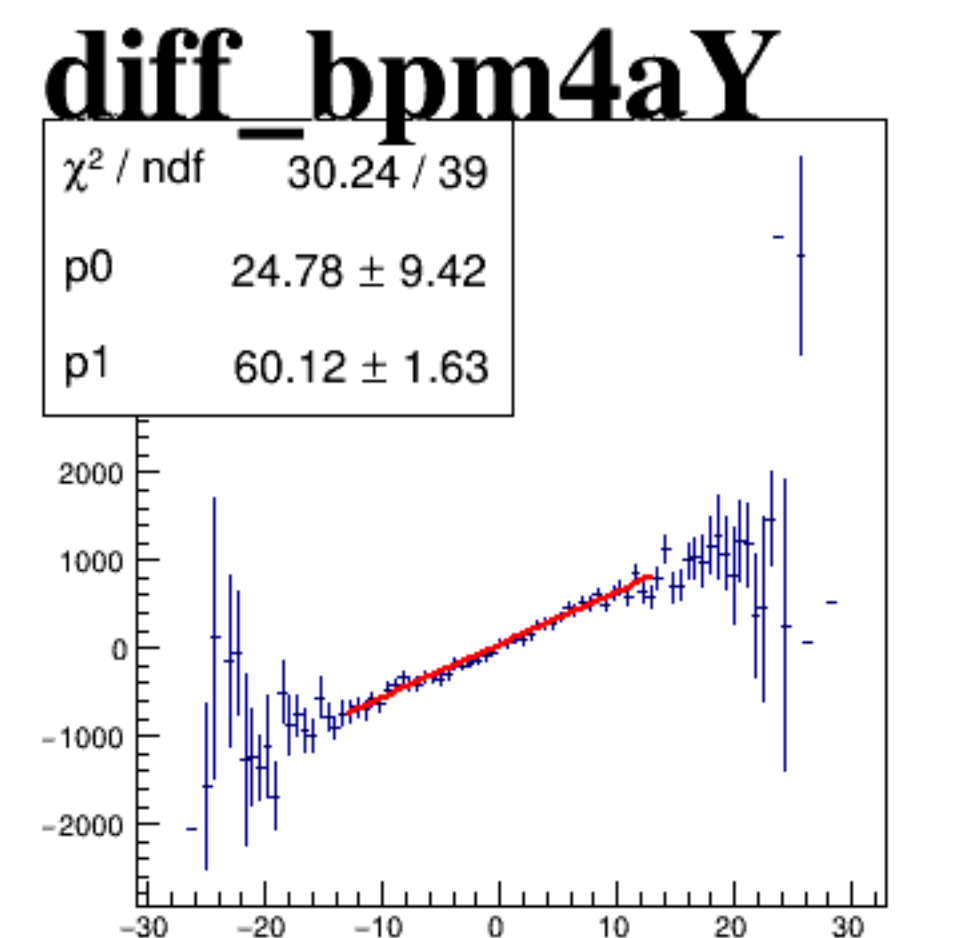
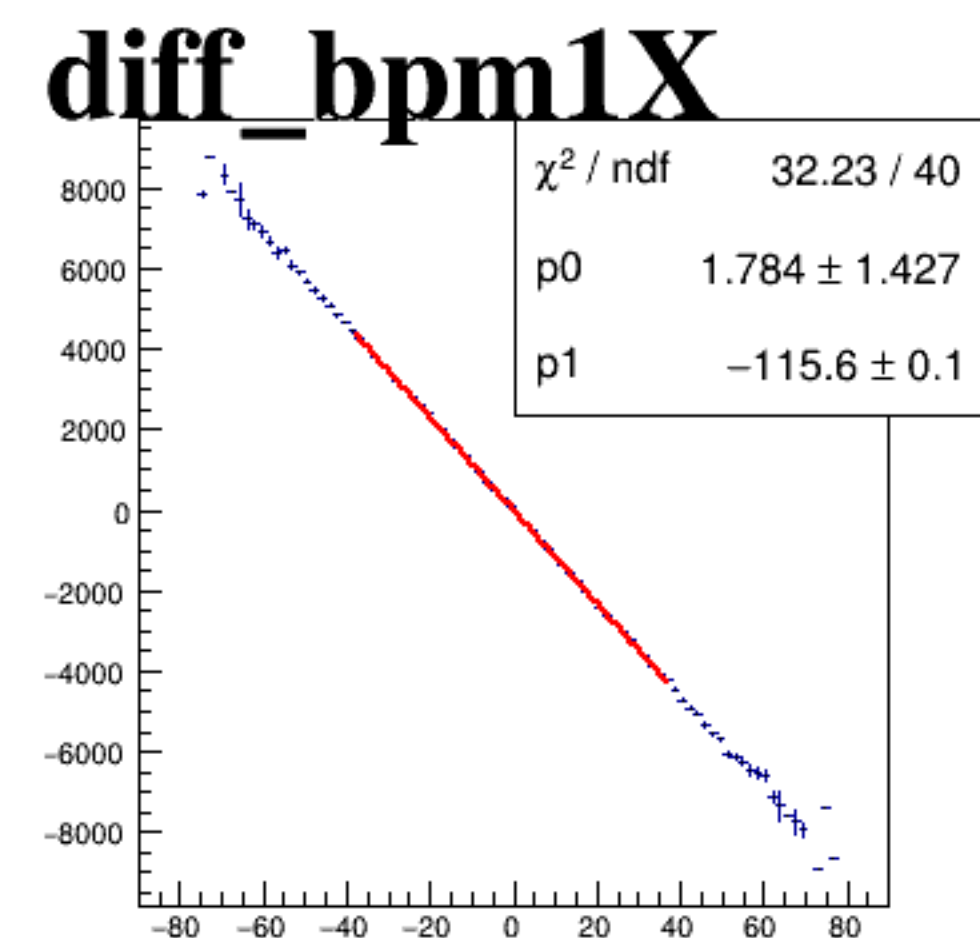
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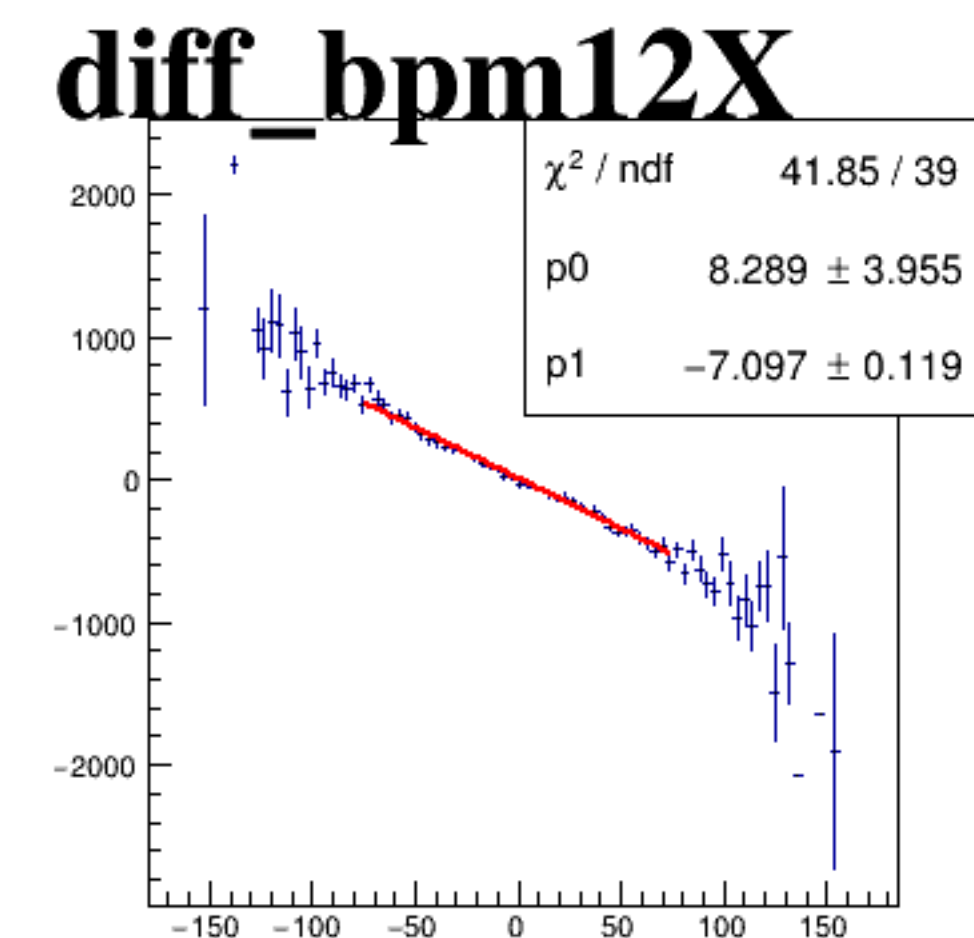
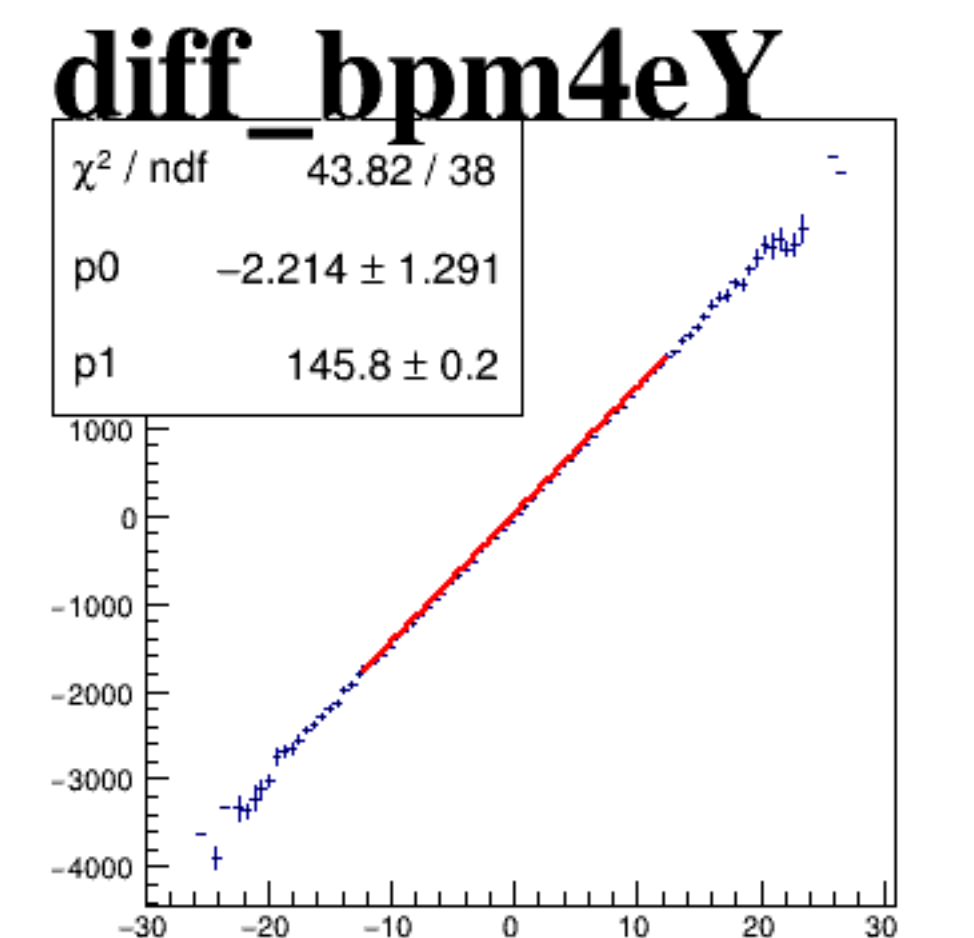
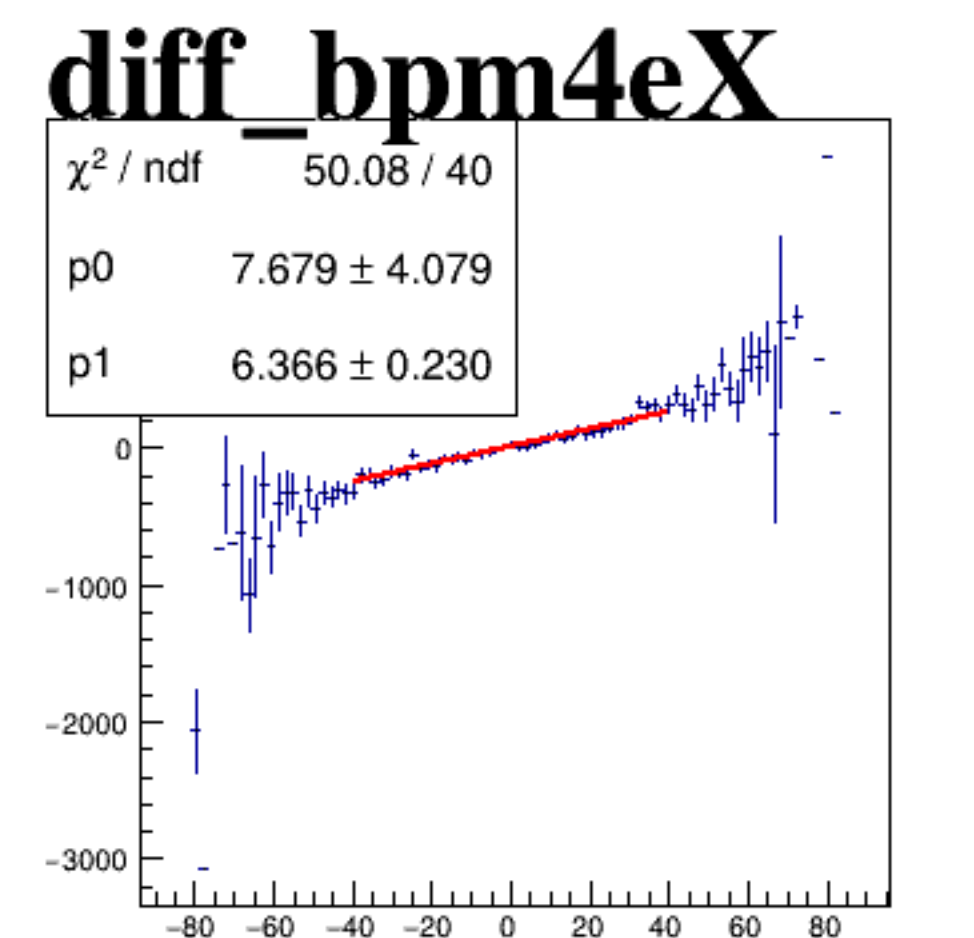
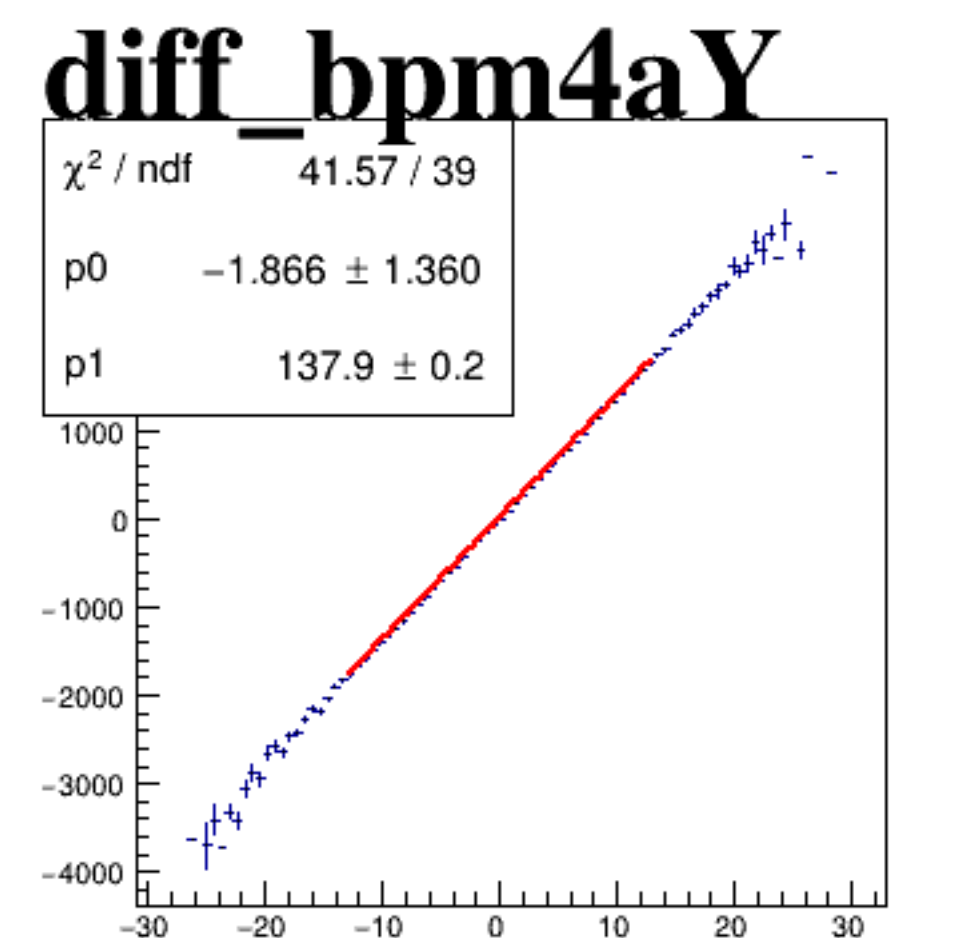
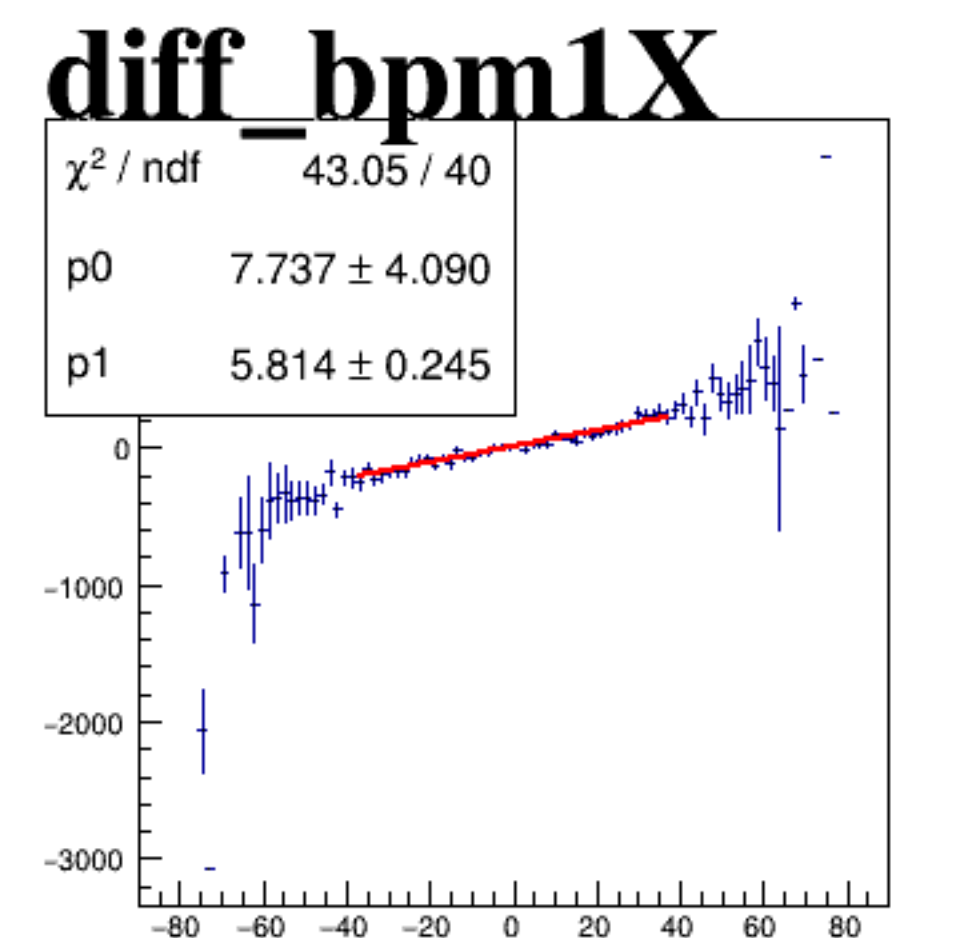
asym_sam1



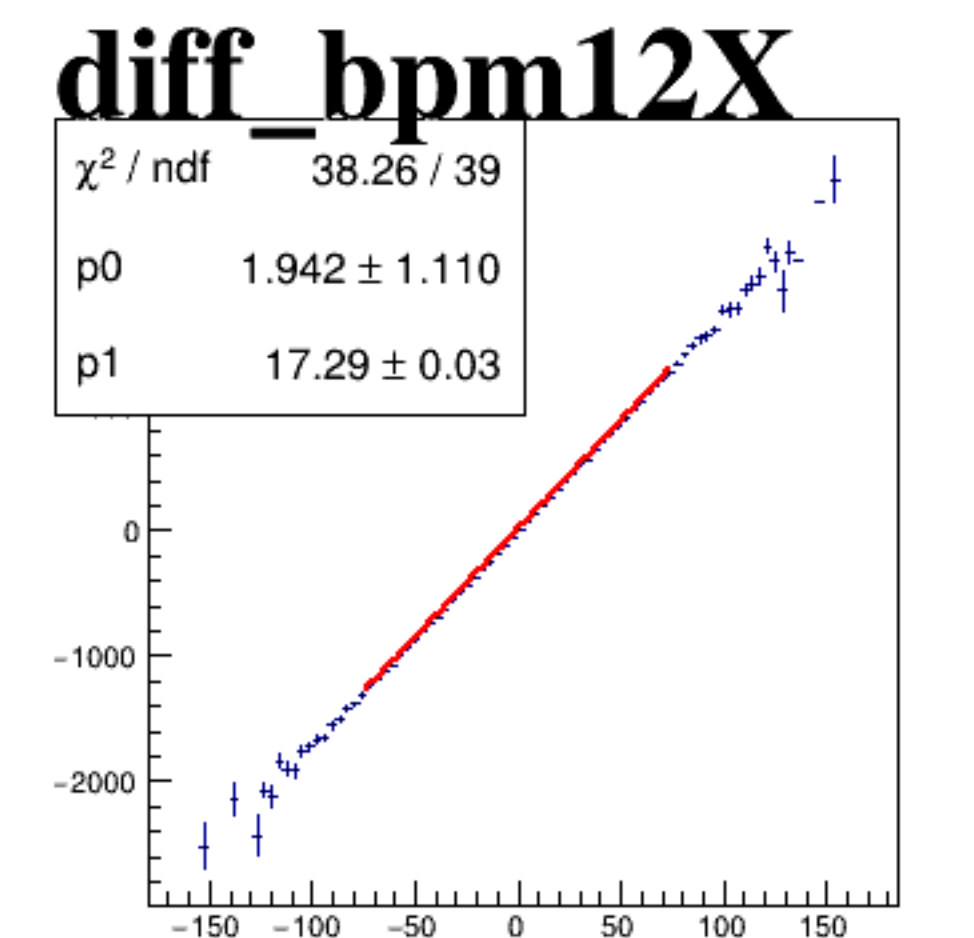
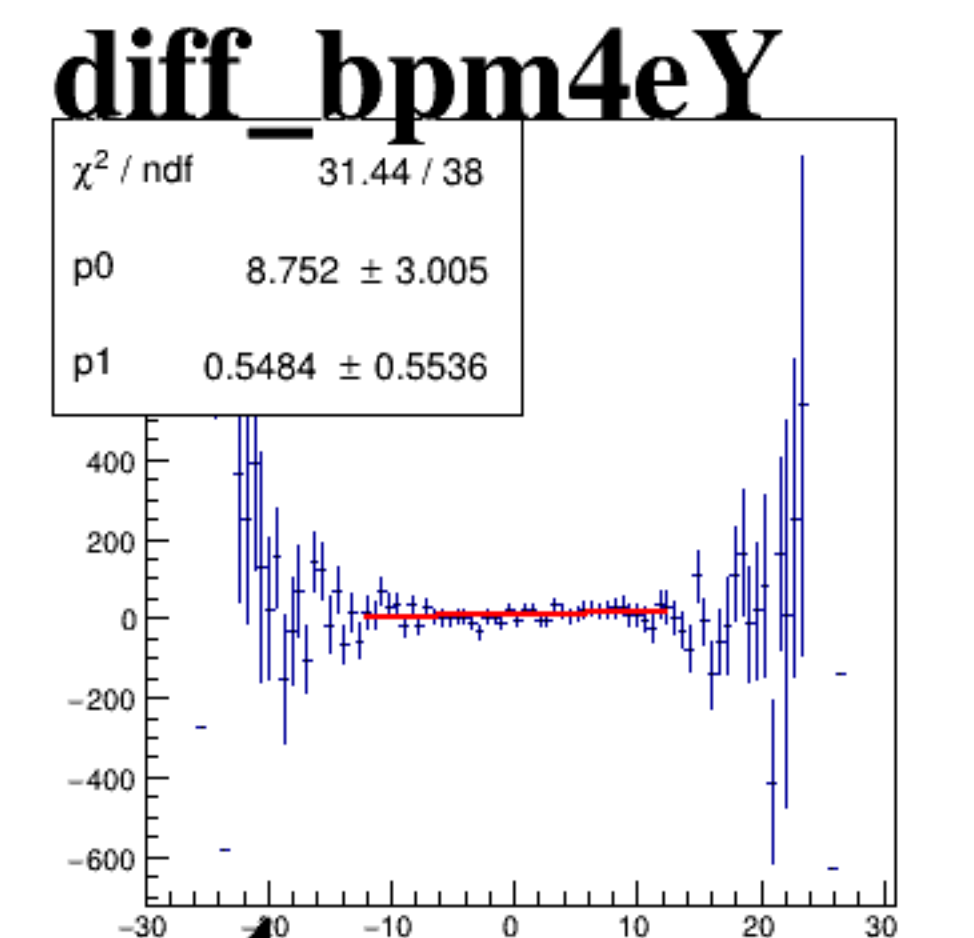
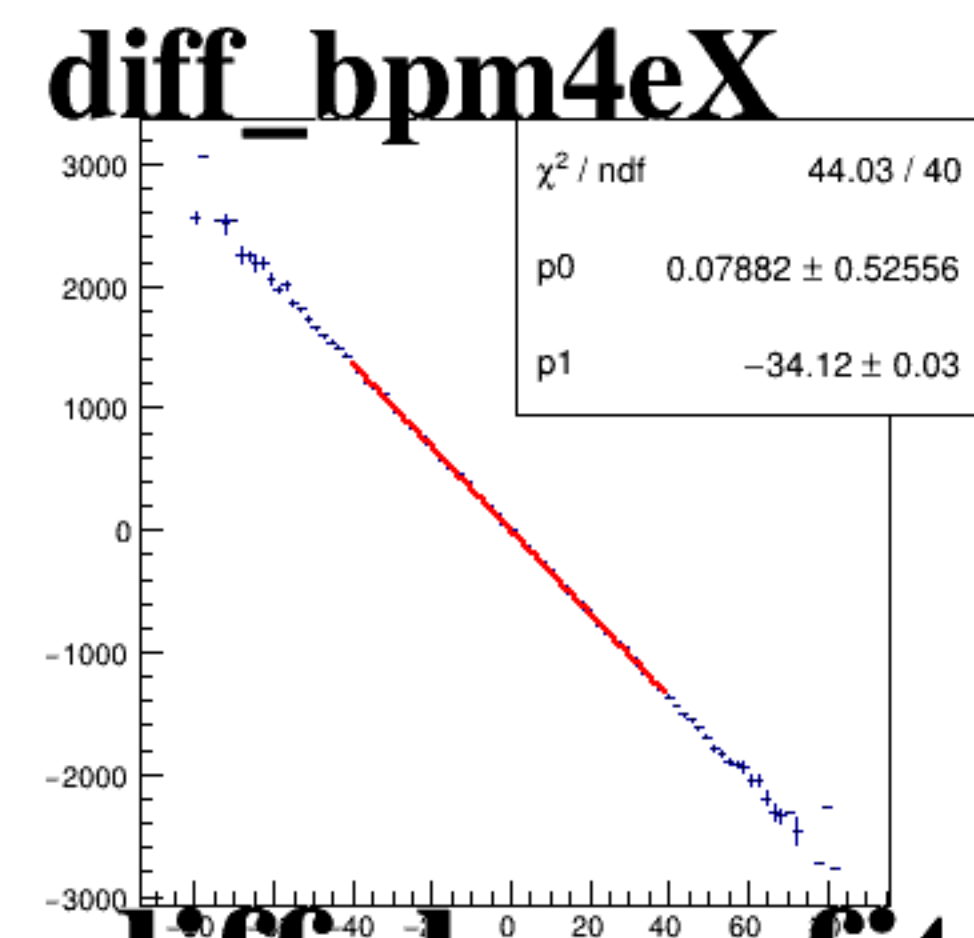
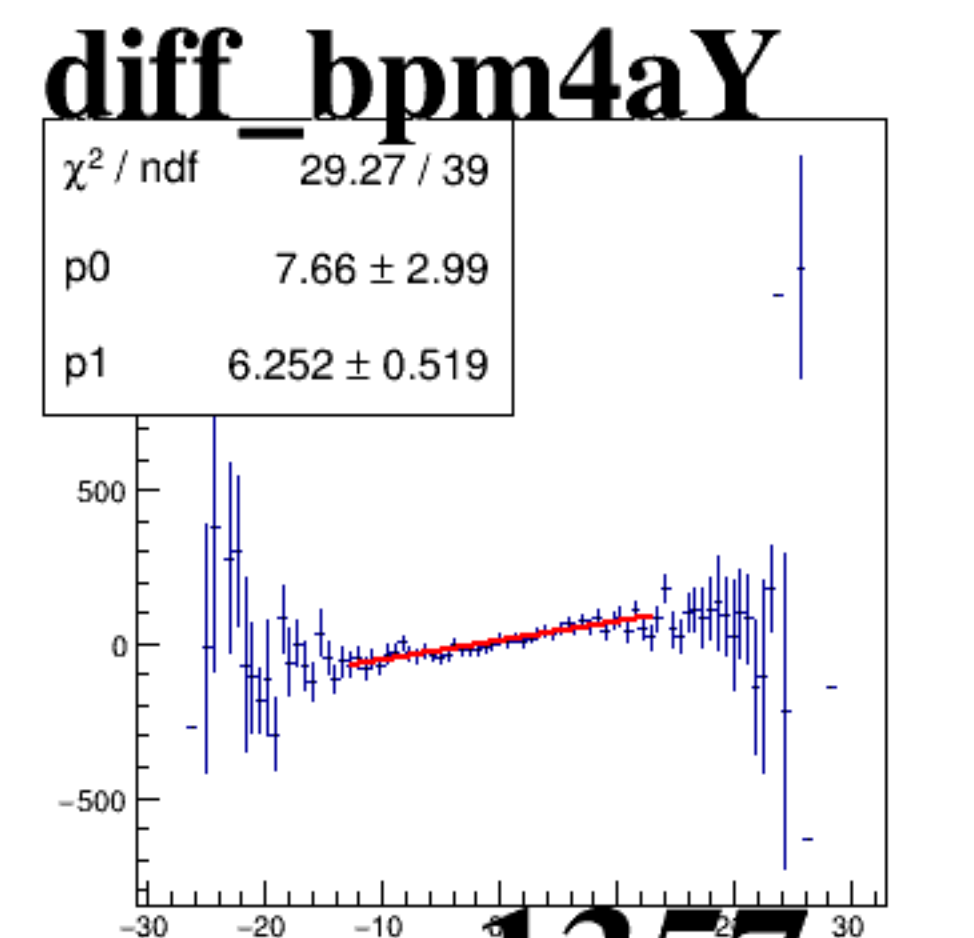
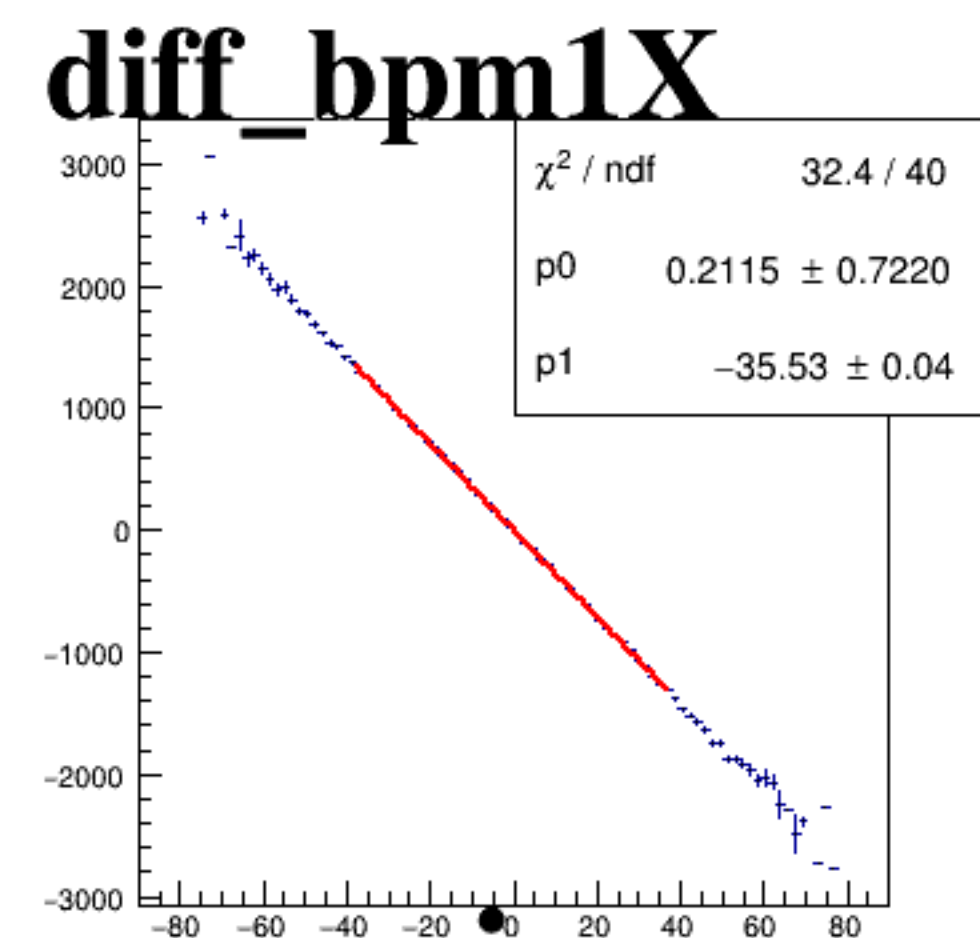
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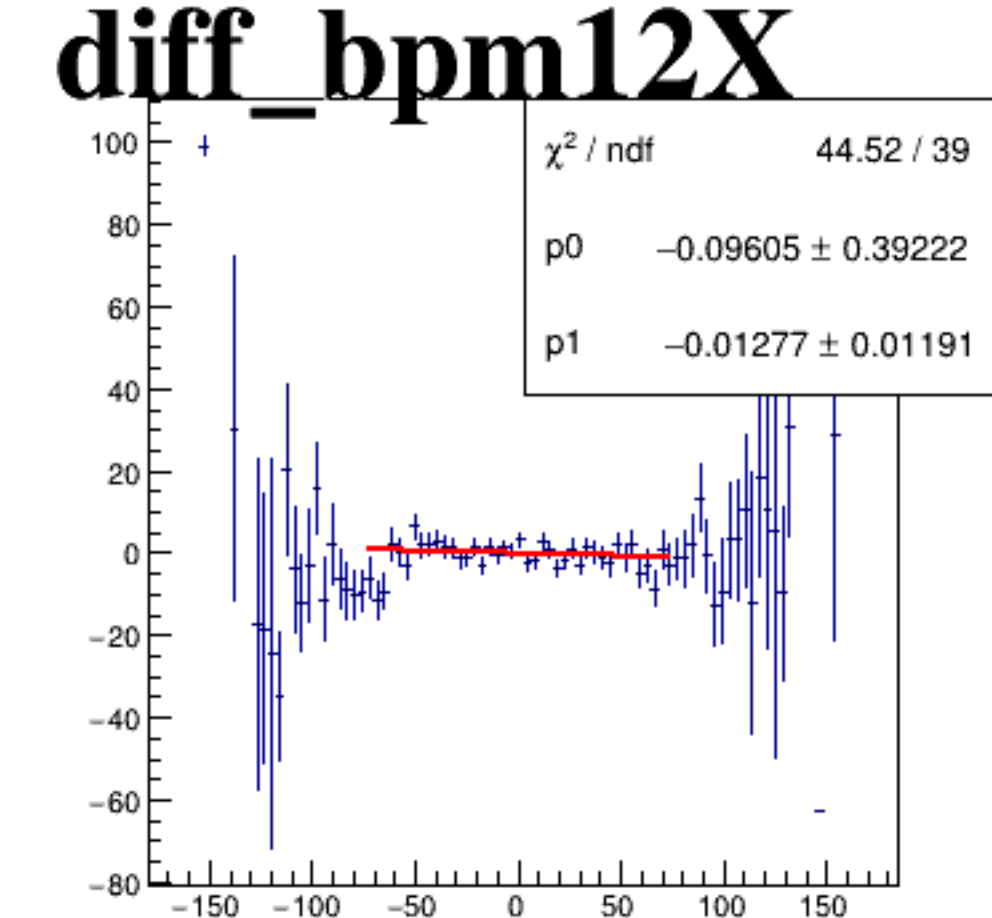
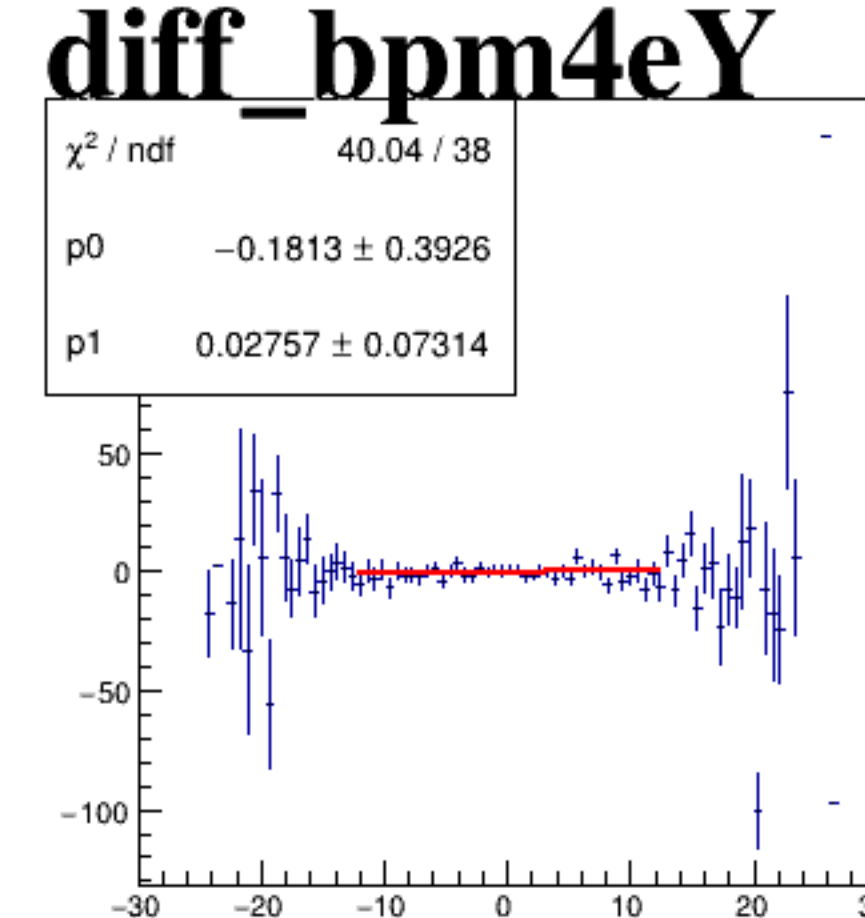
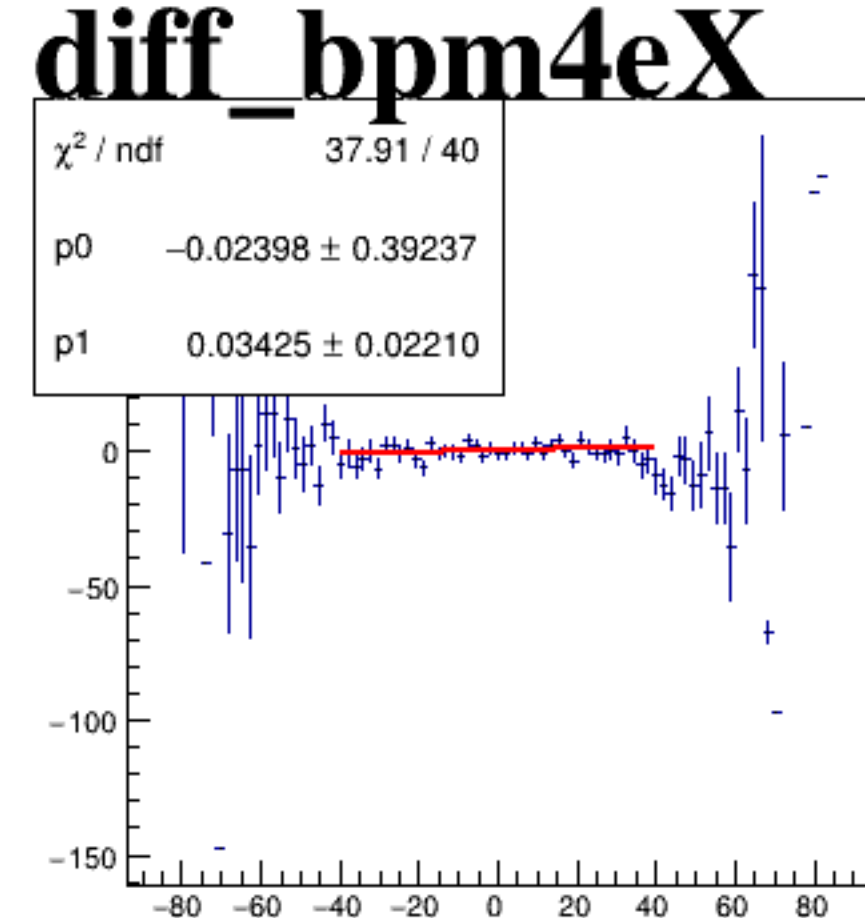
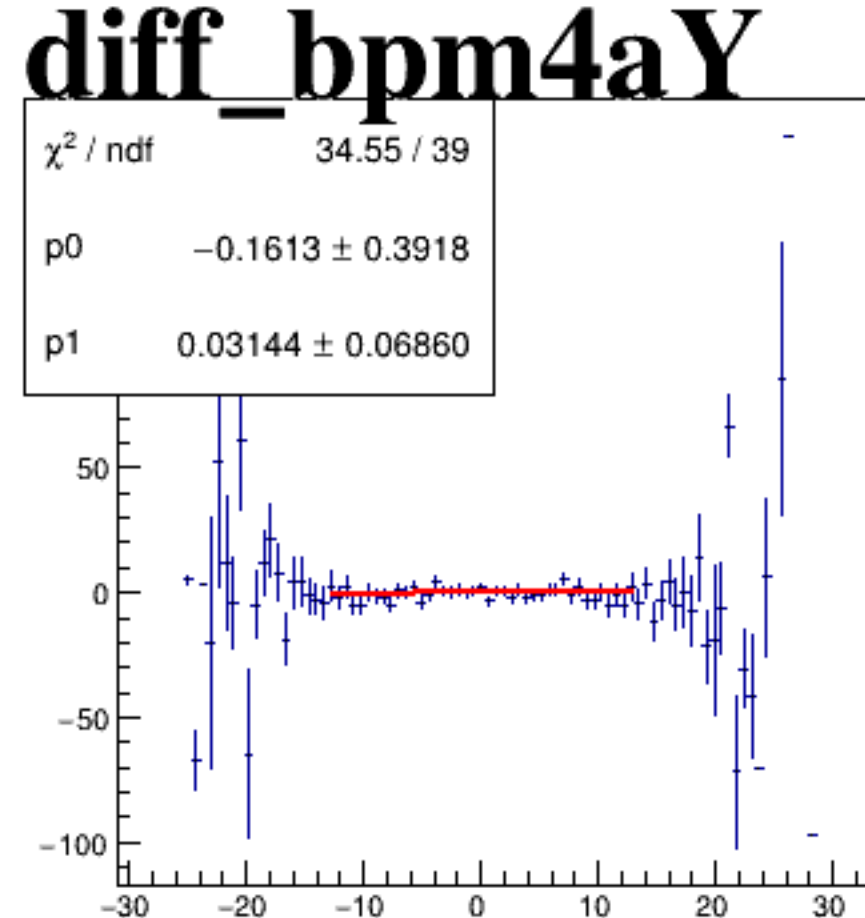
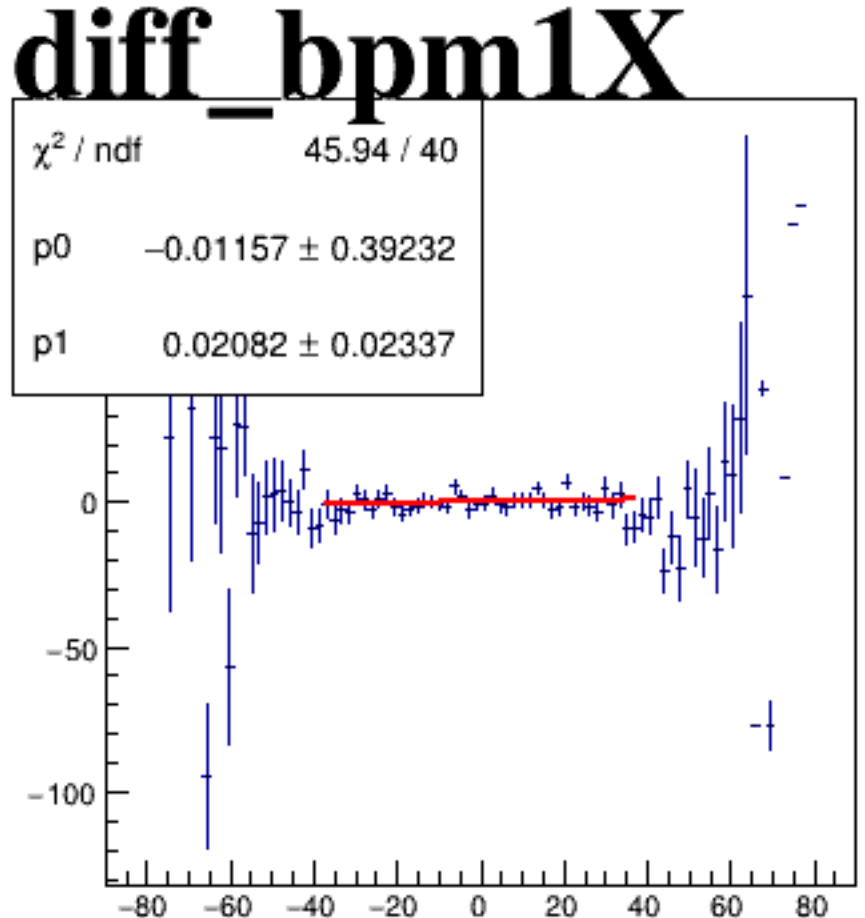
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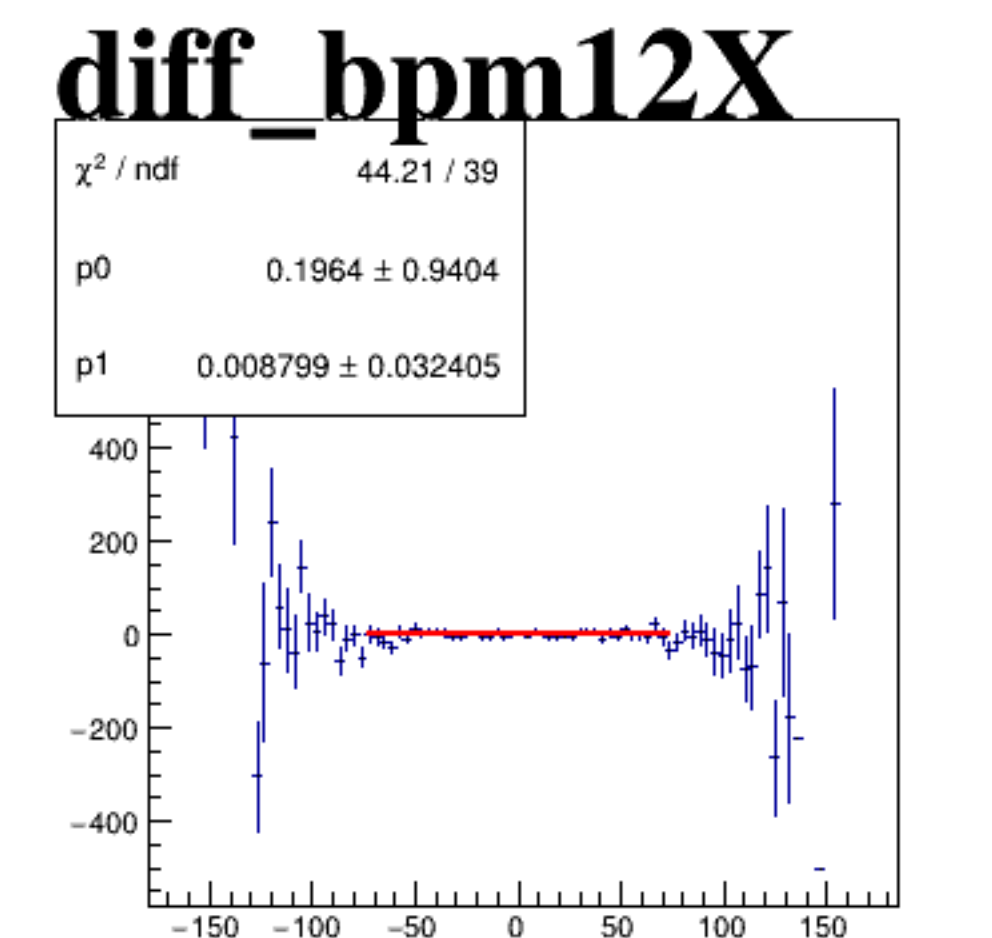
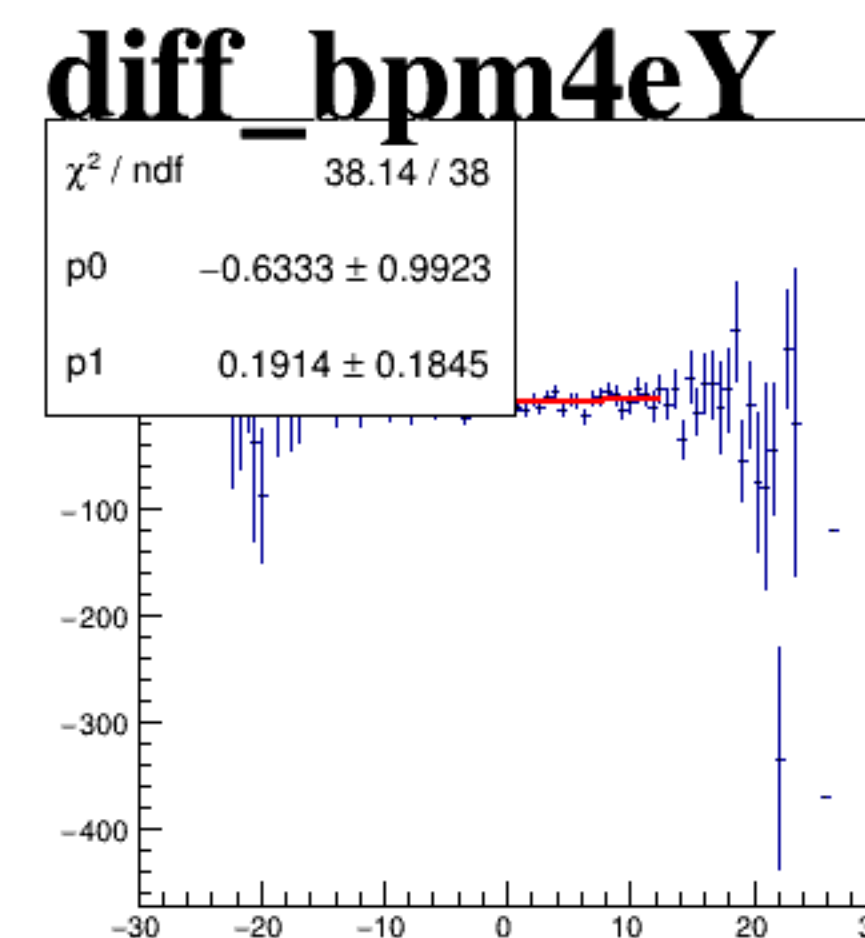
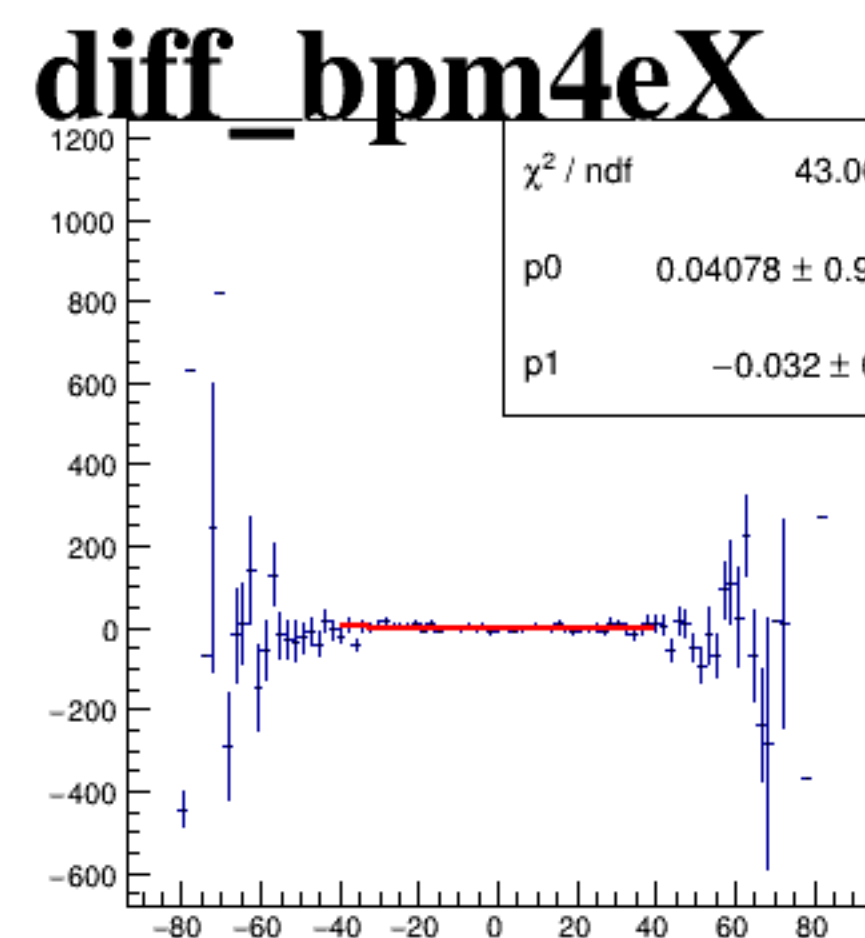
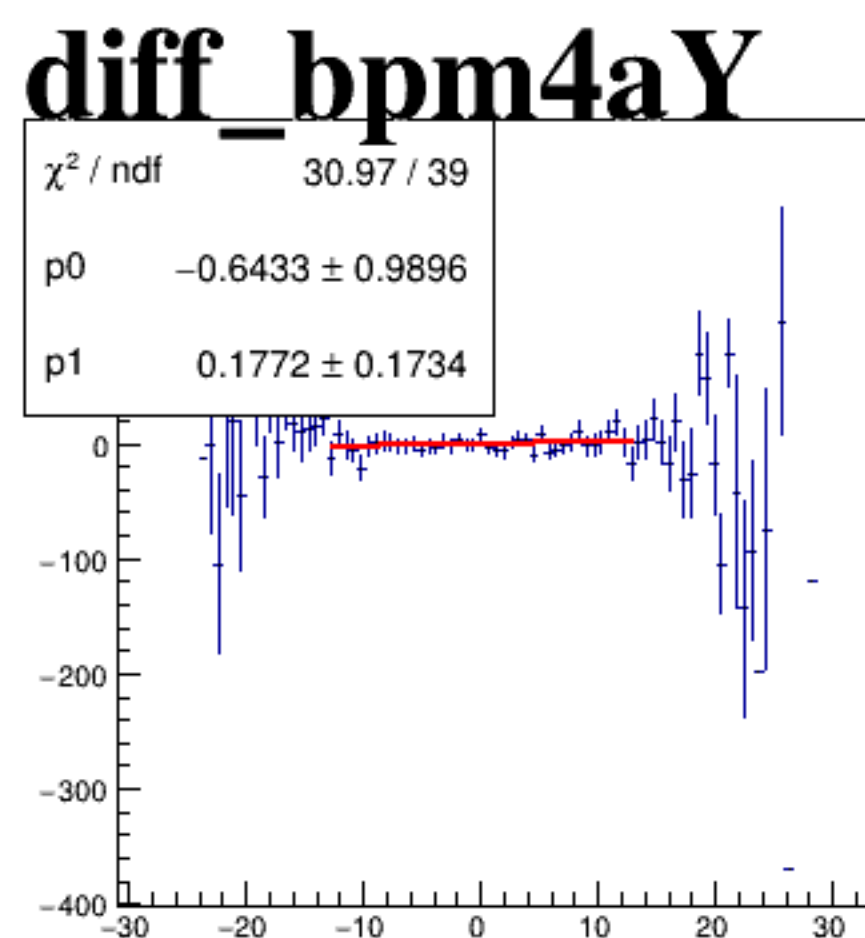
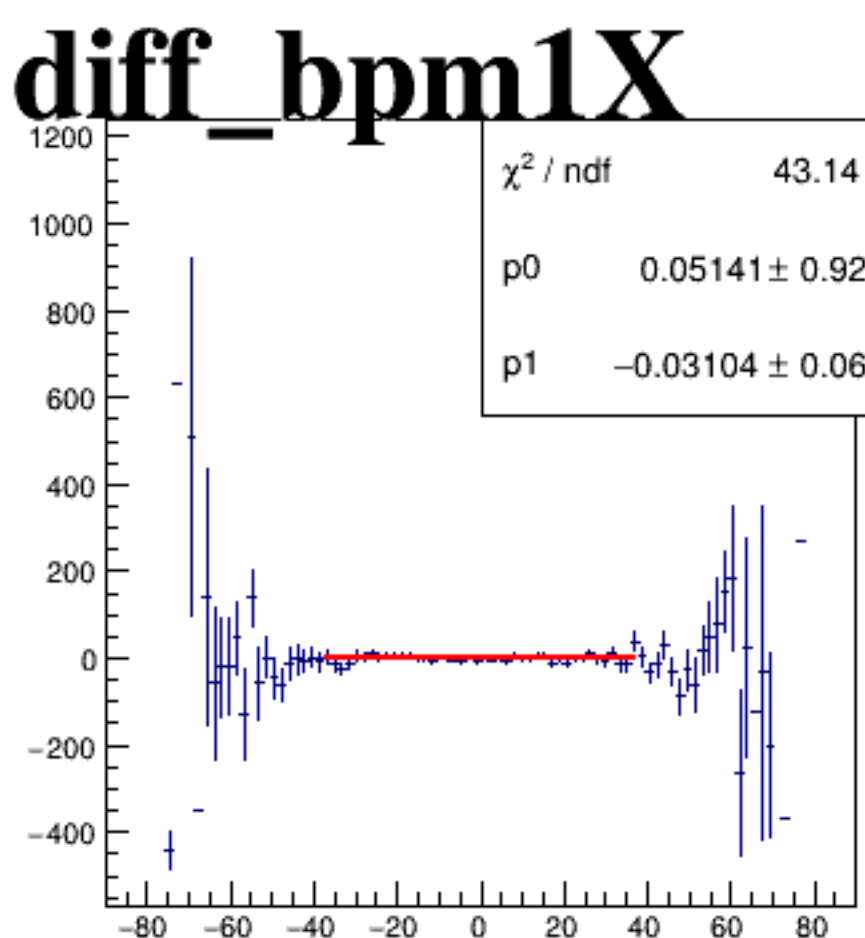
asym_sam7



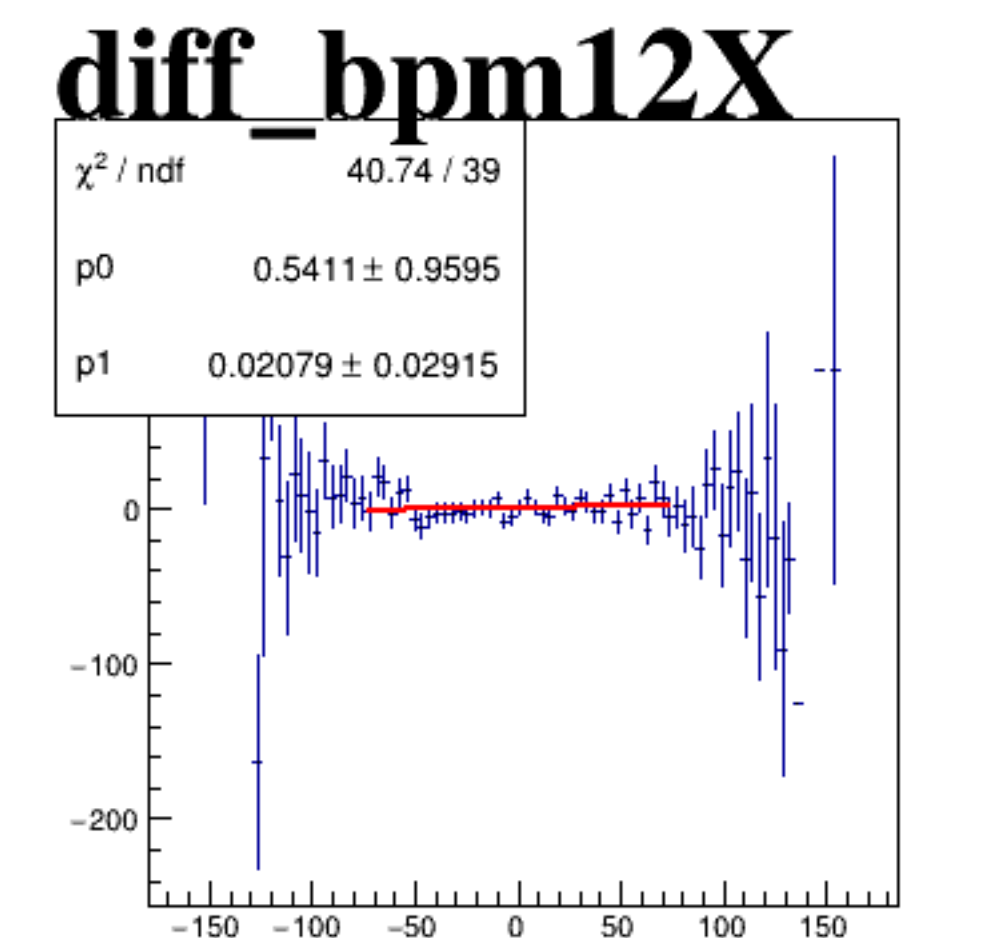
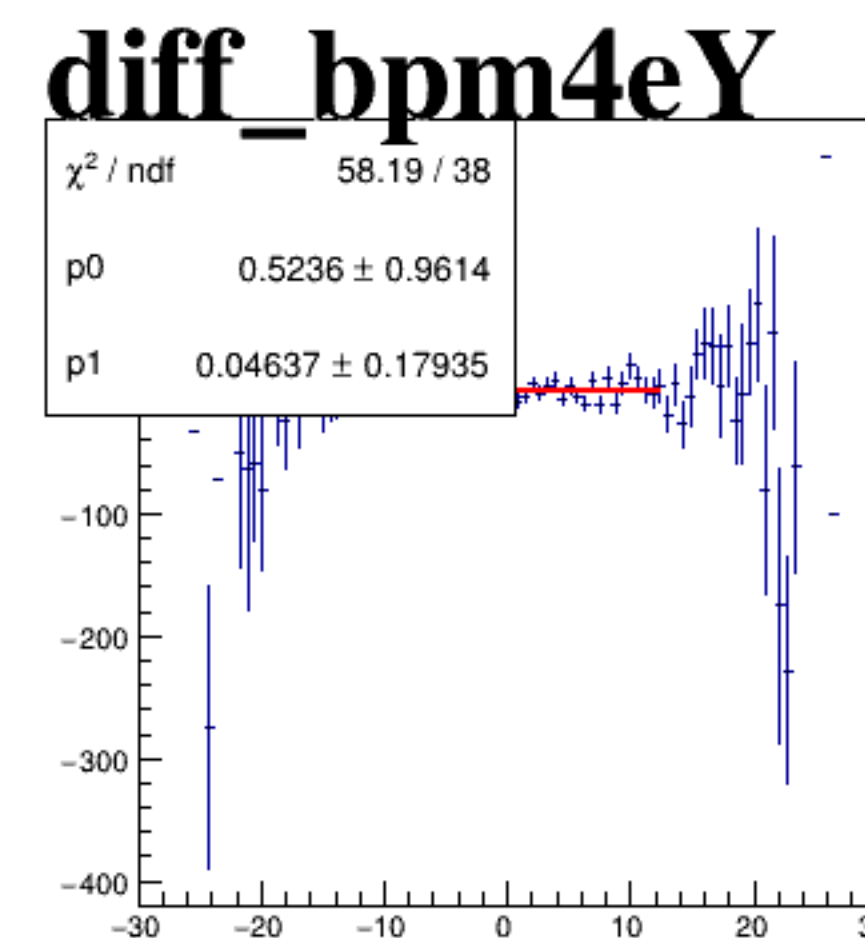
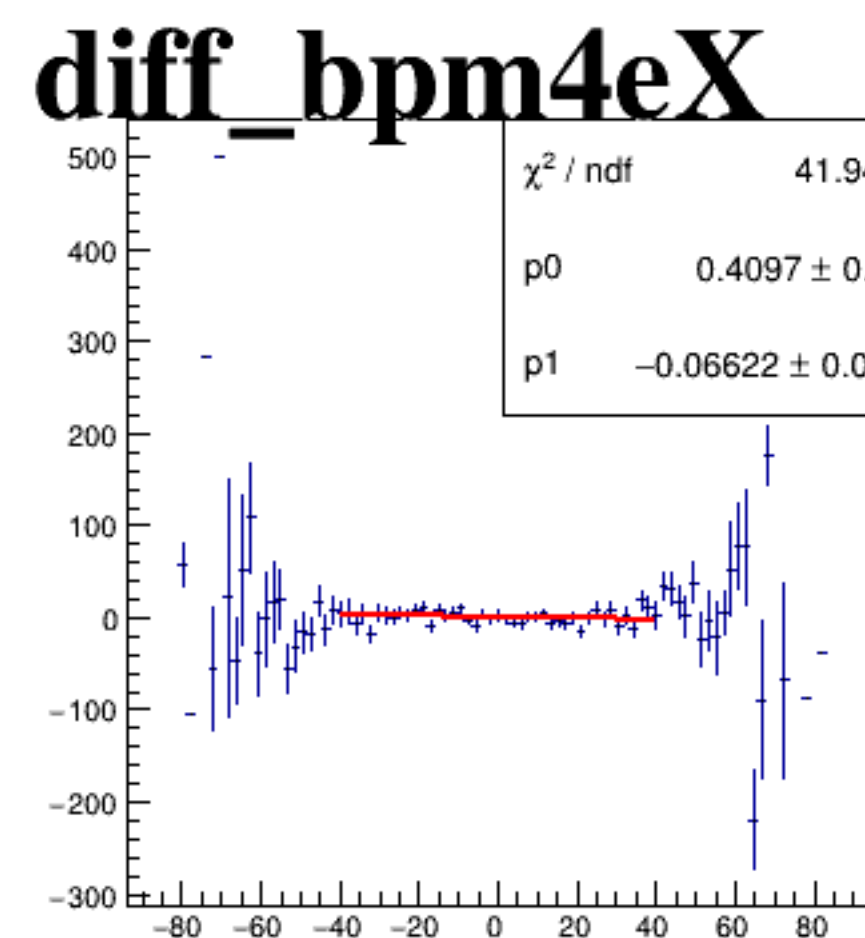
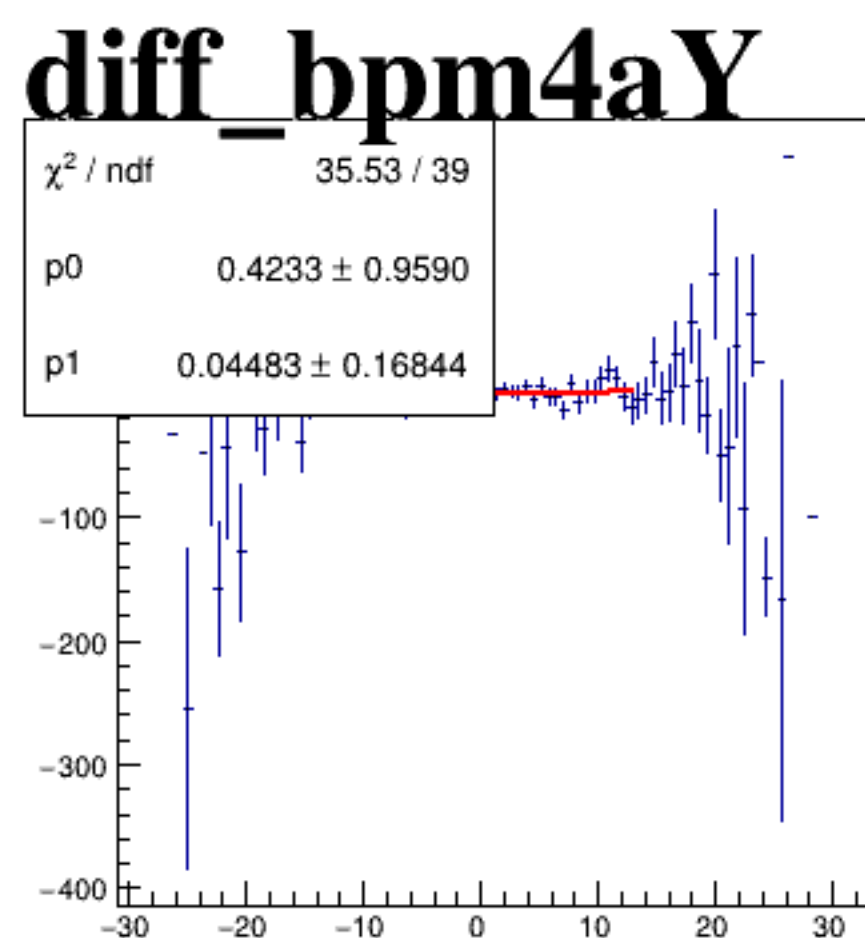
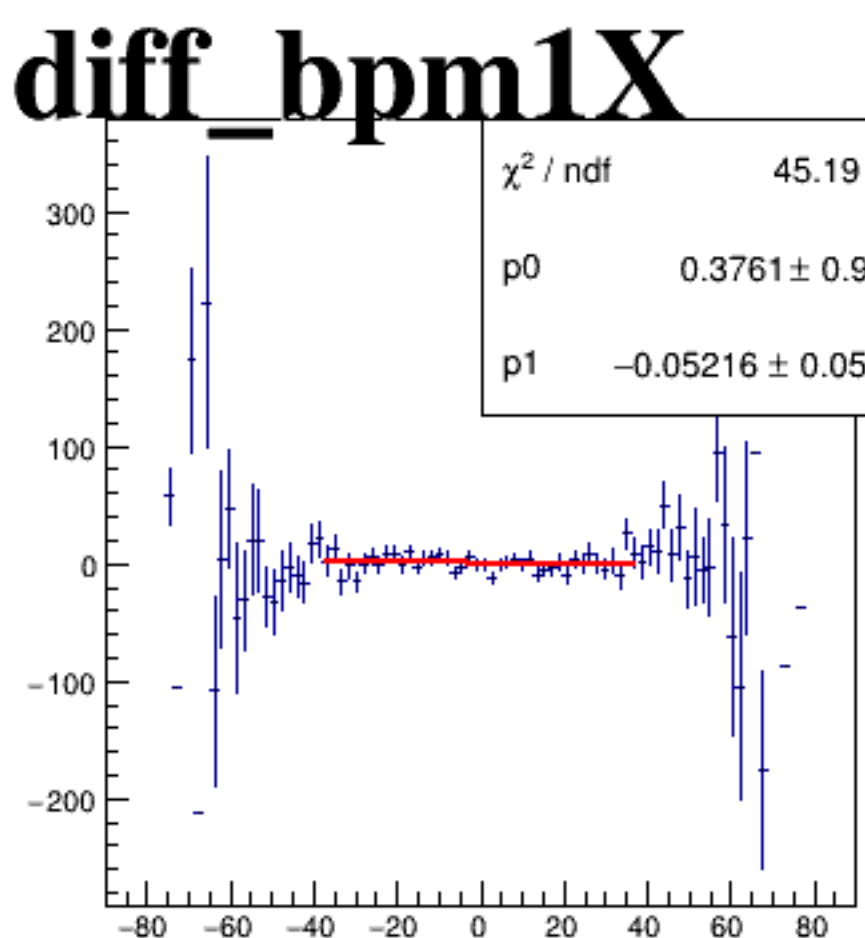
reg_asym_sam1



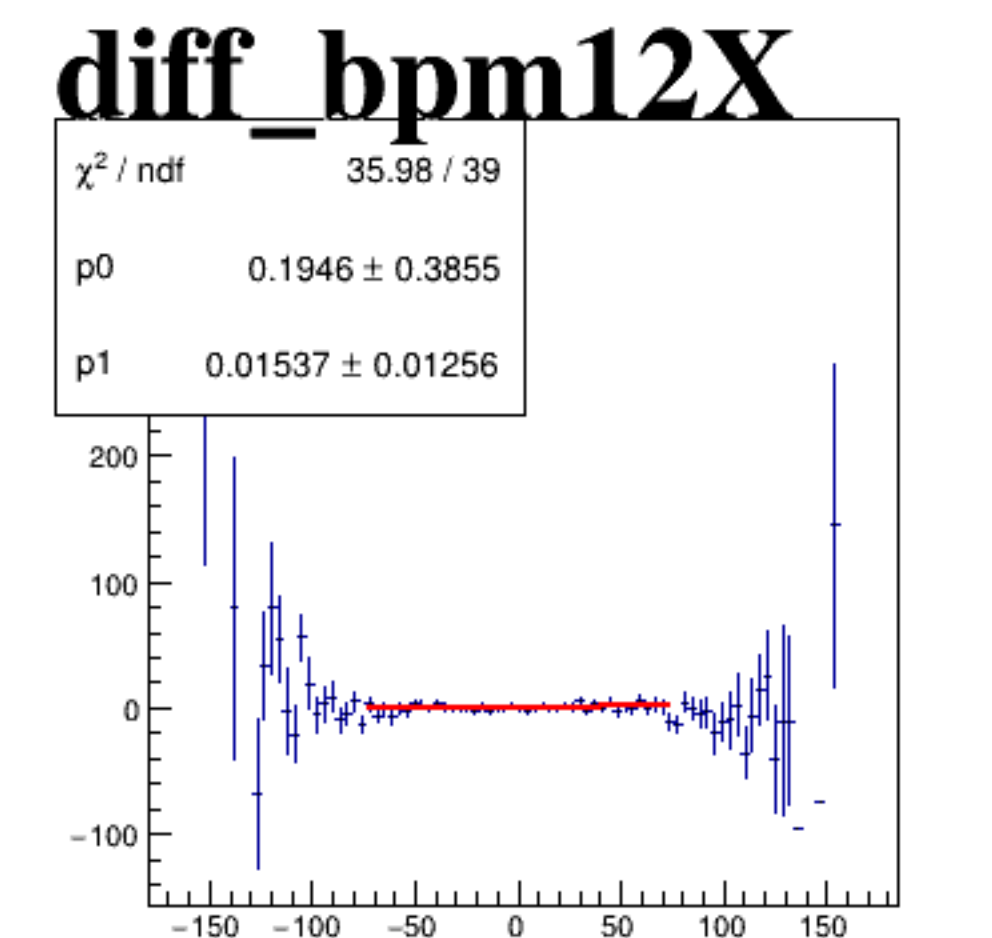
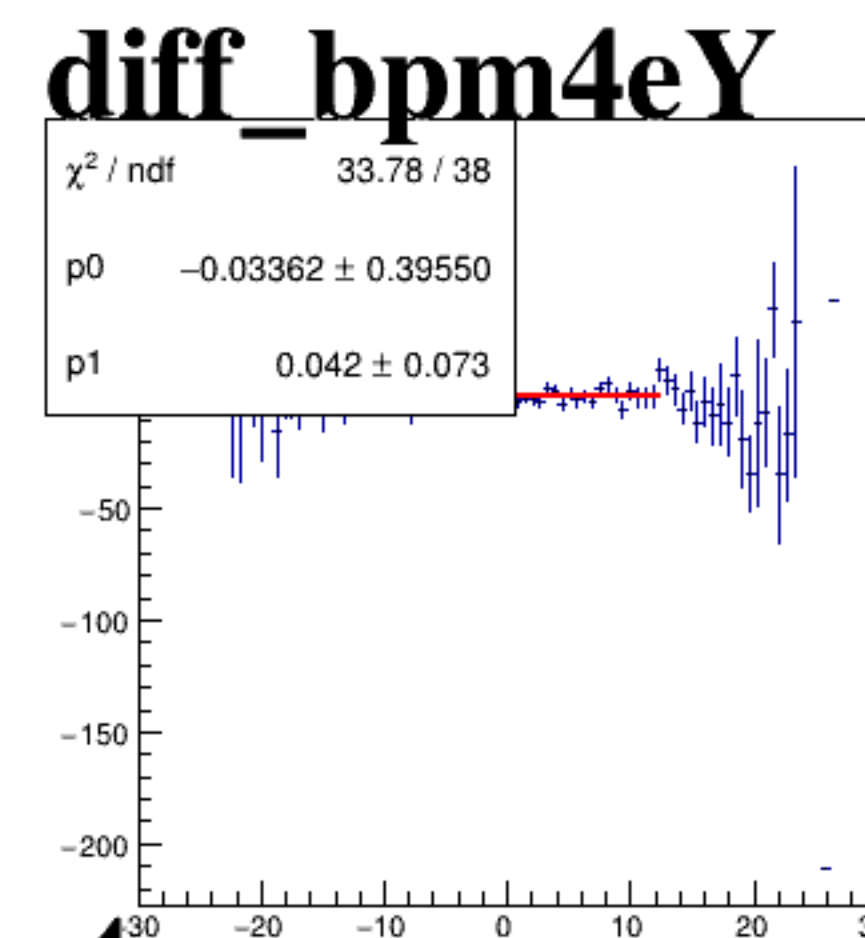
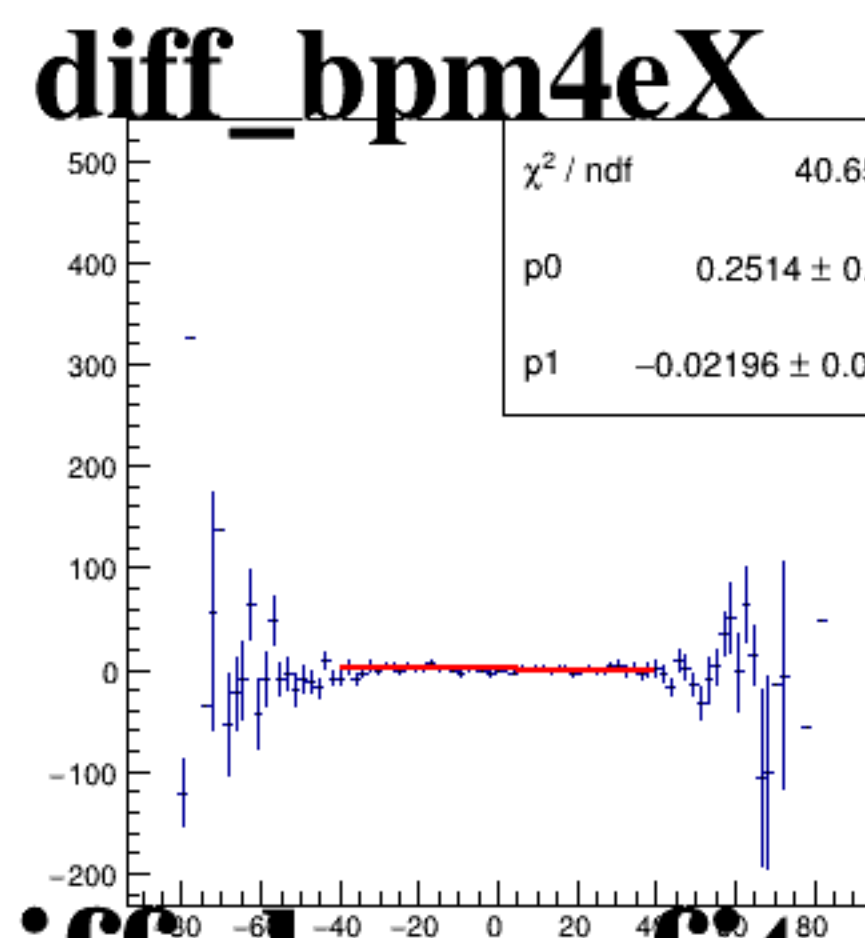
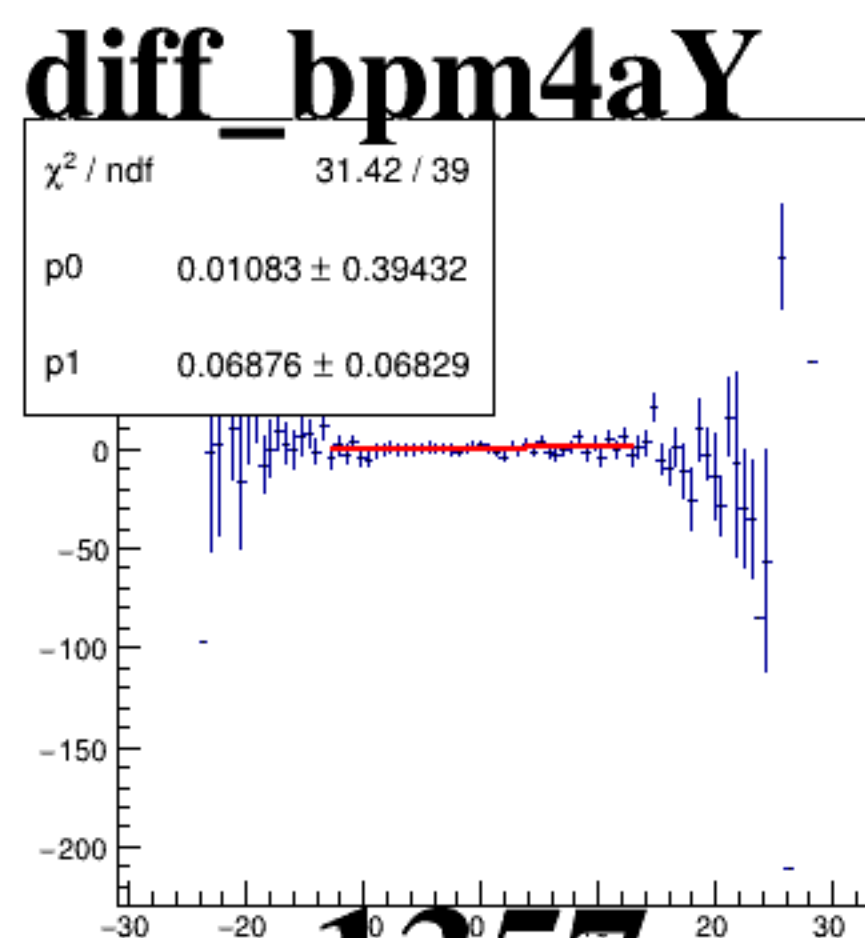
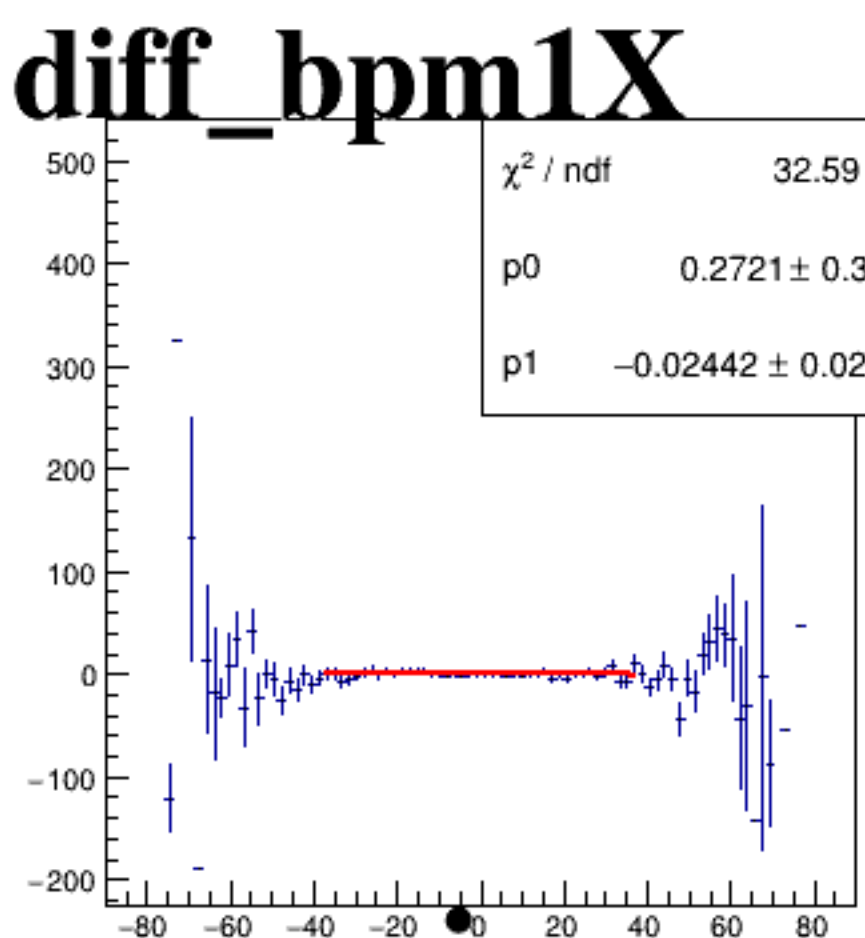
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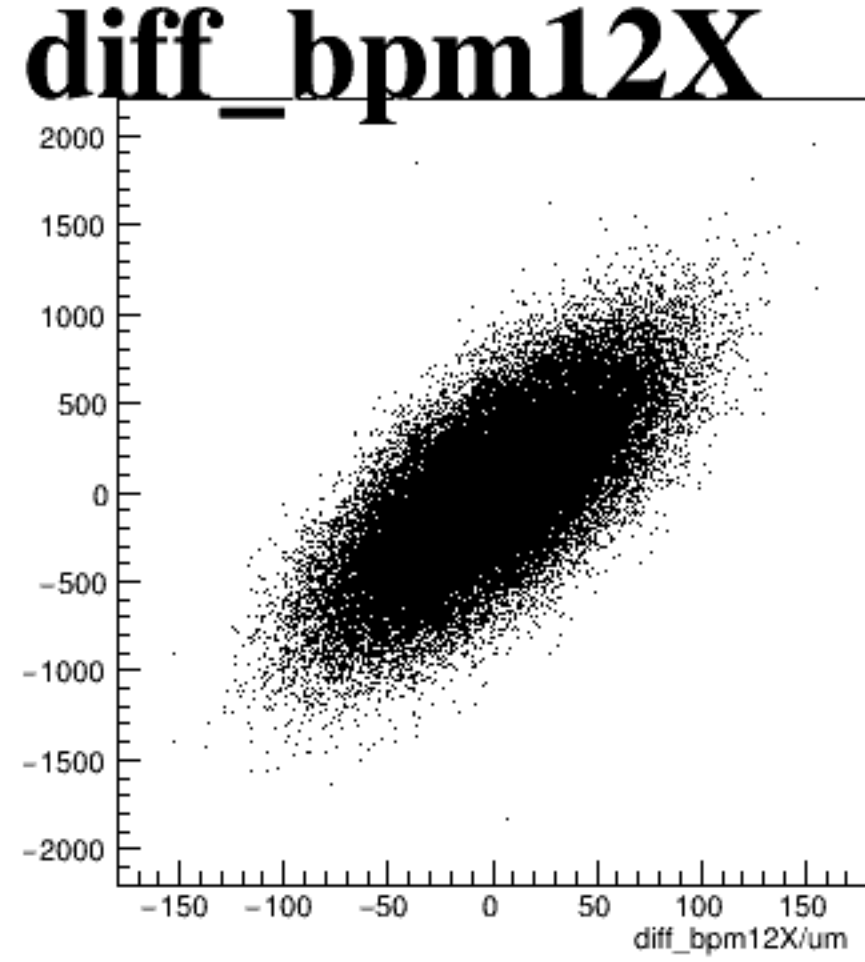
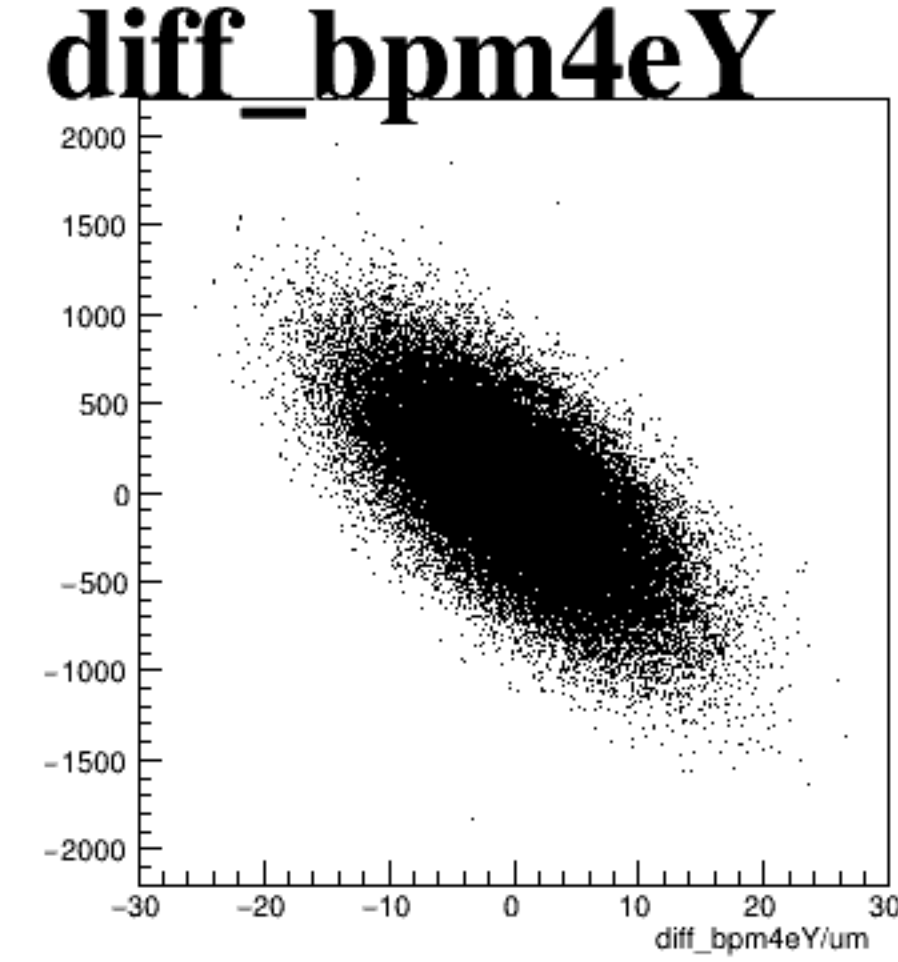
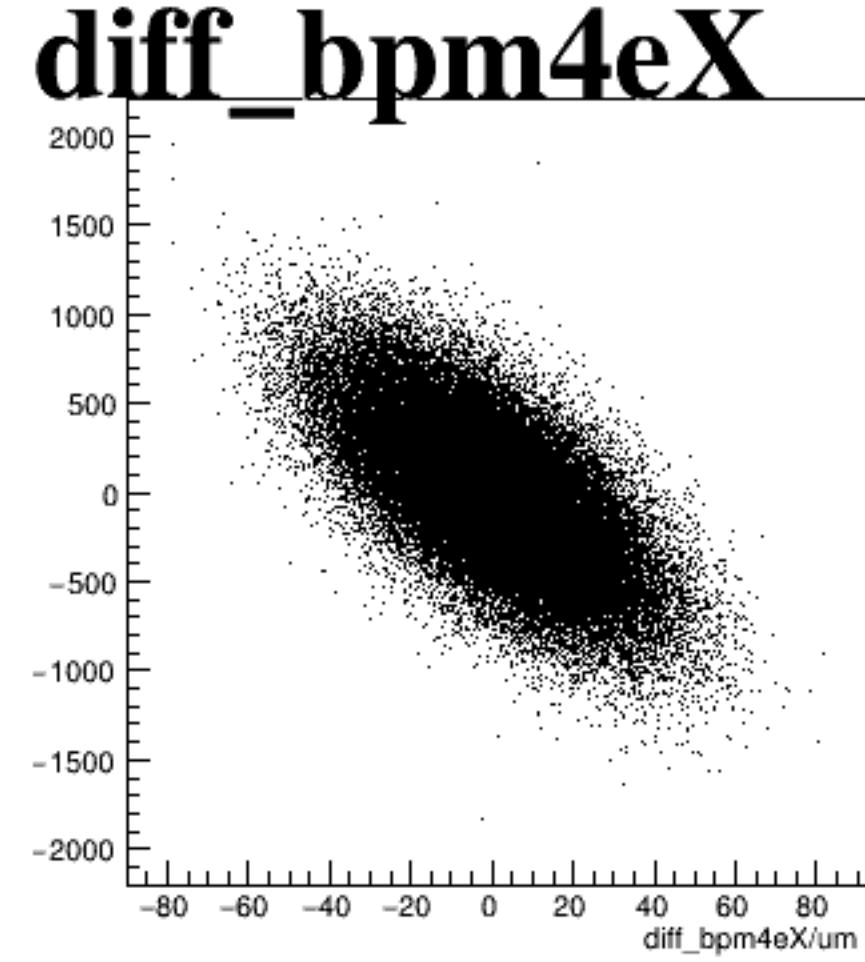
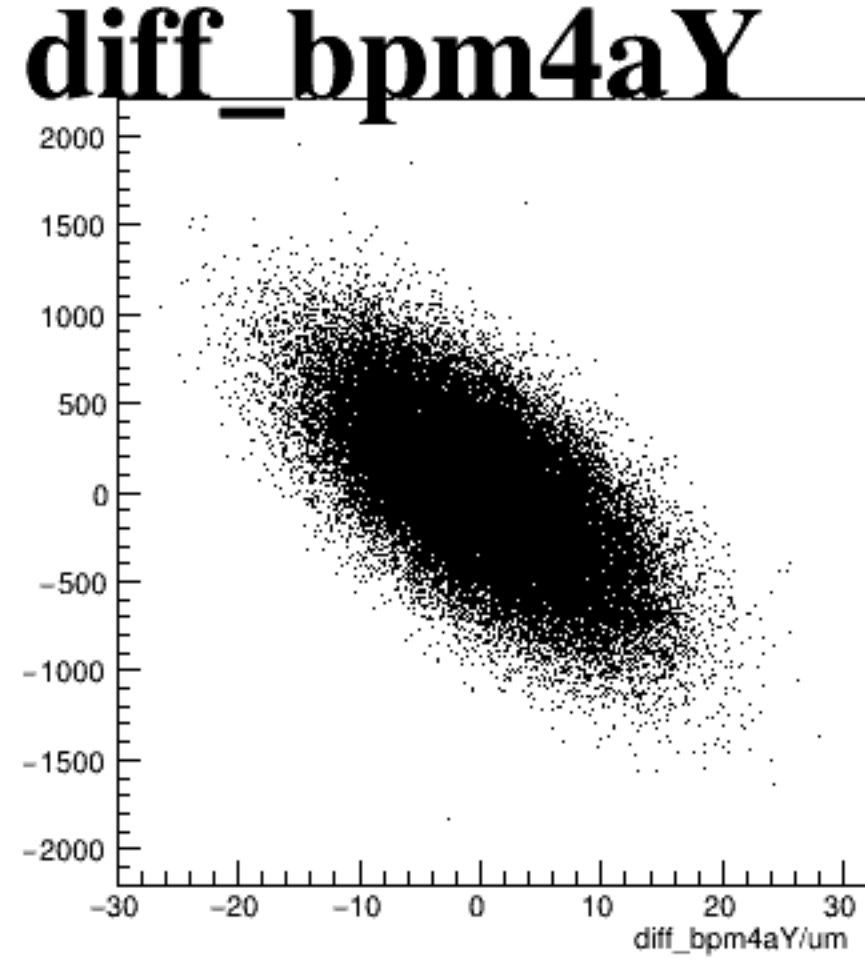
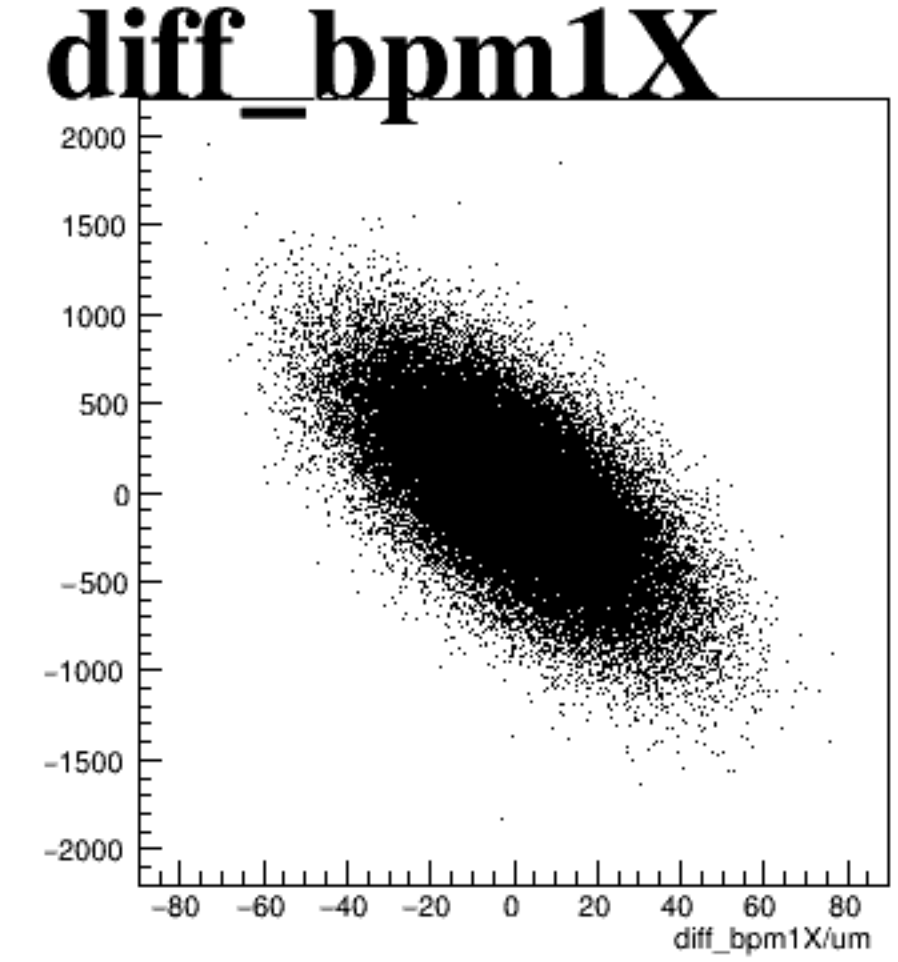
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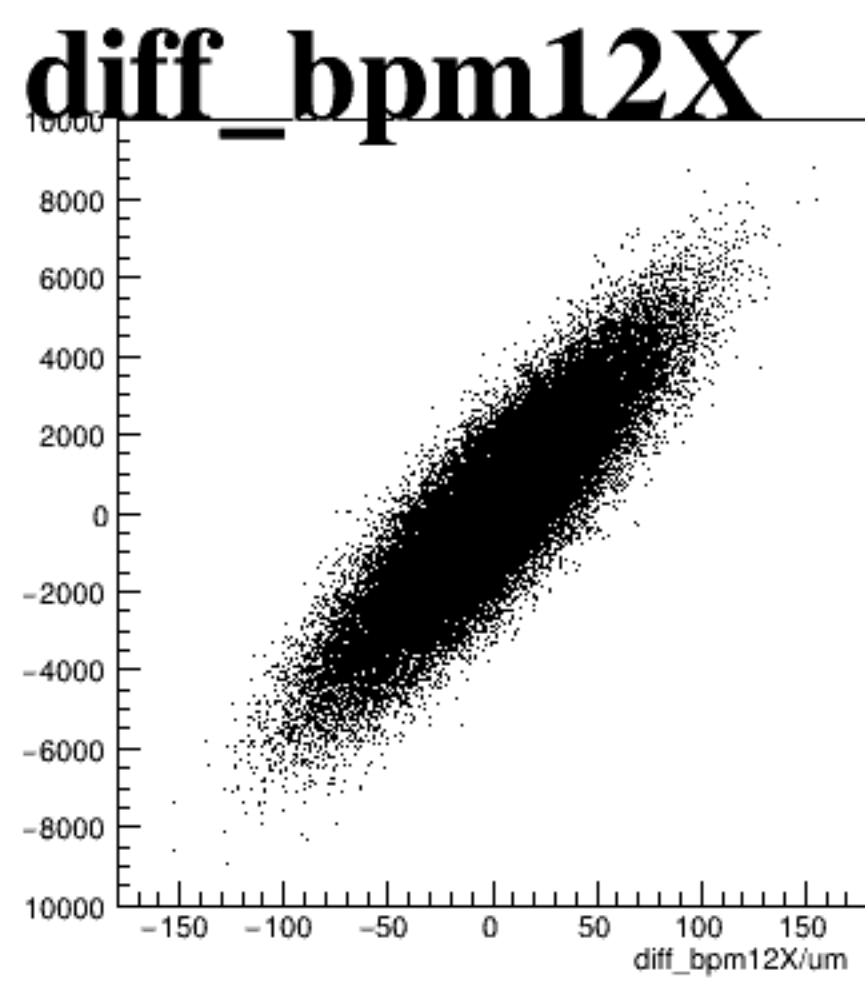
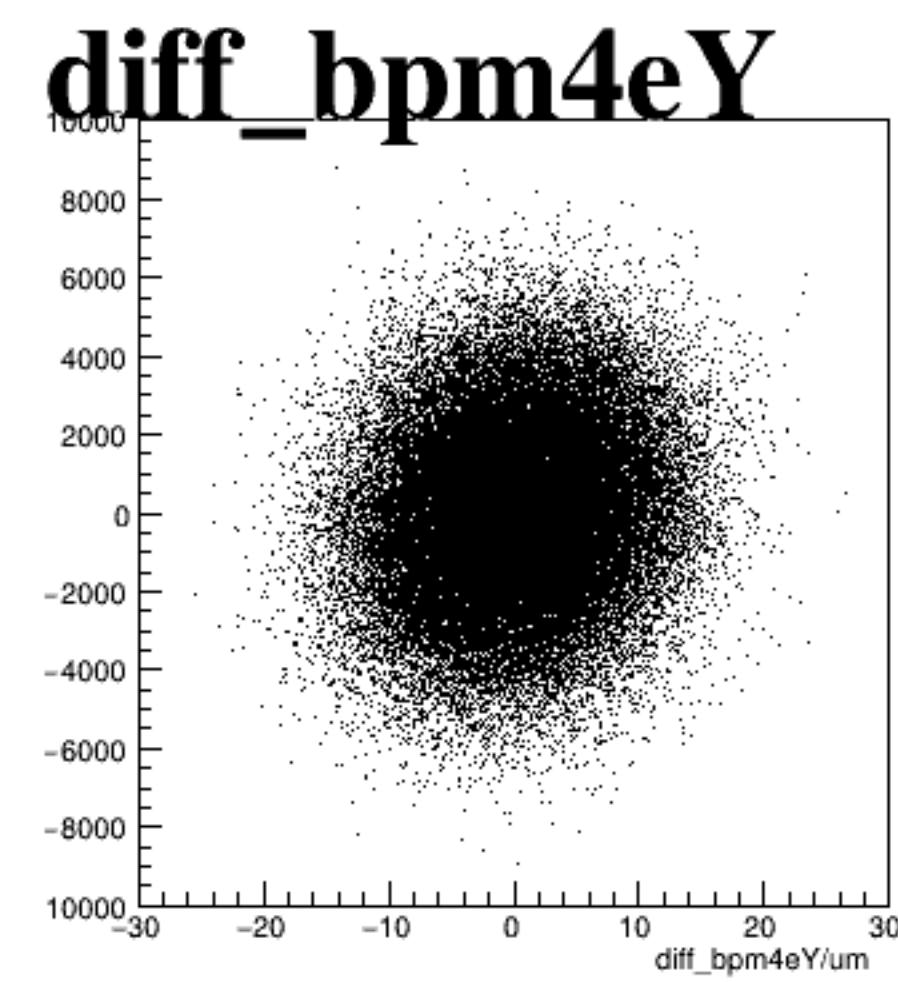
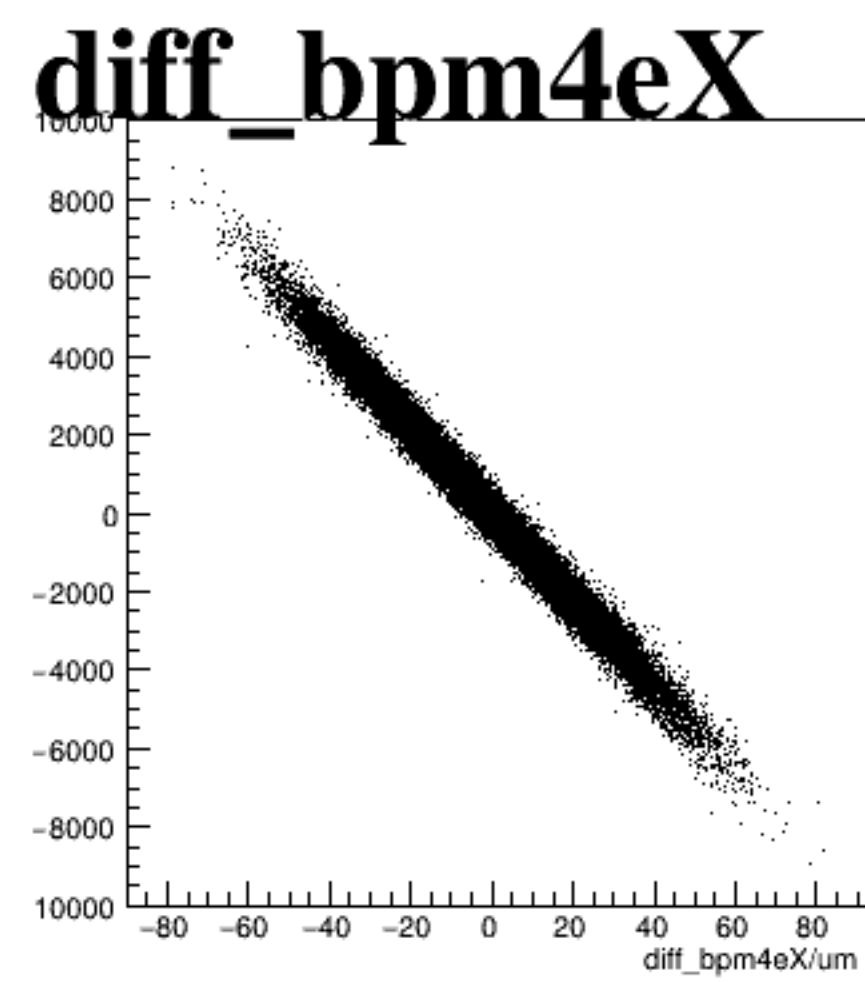
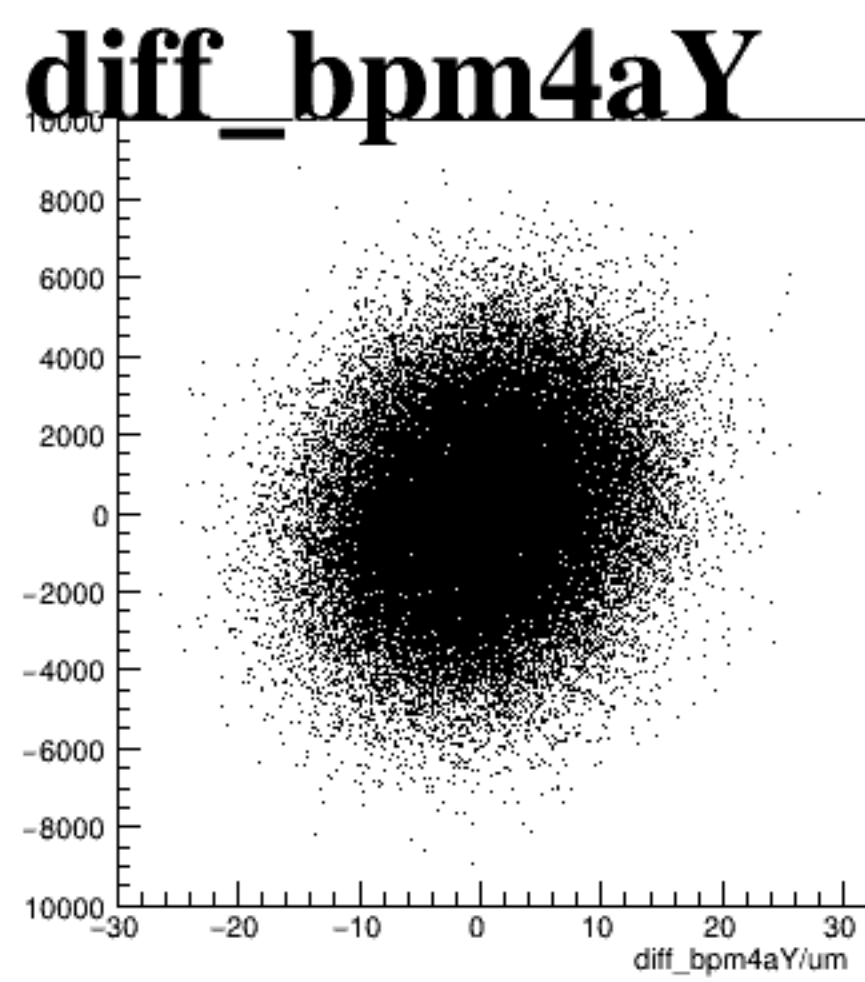
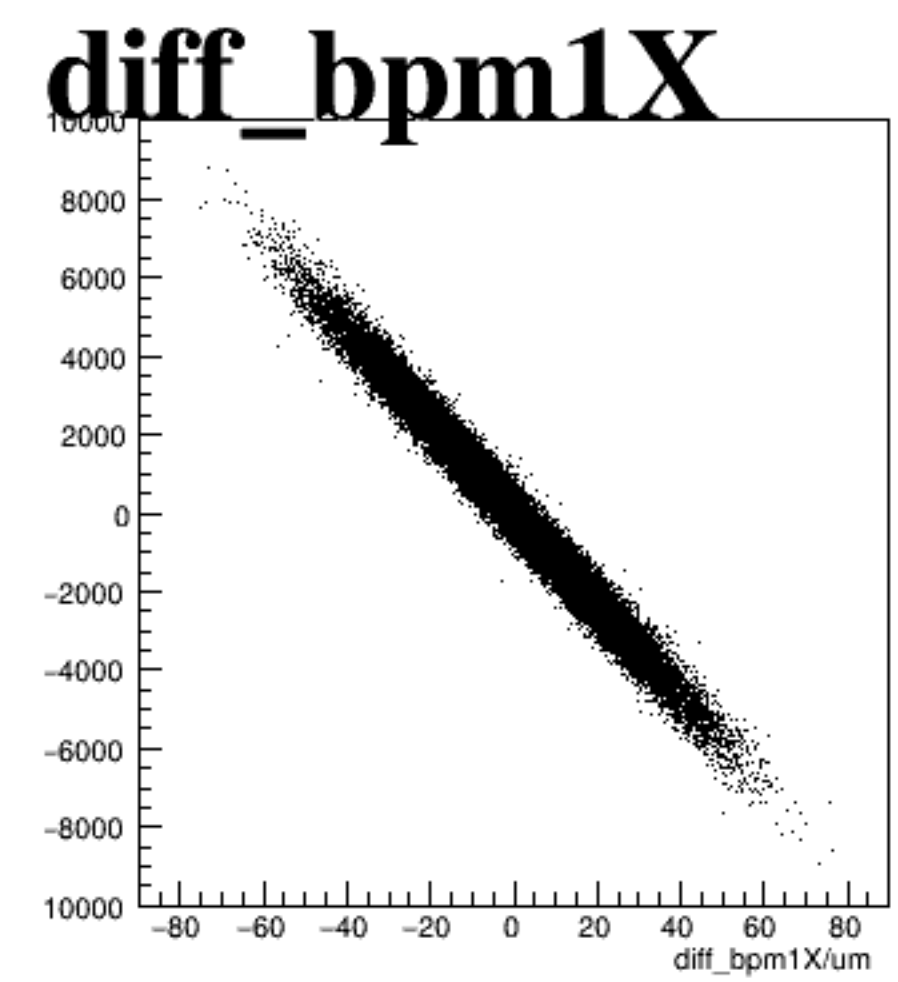
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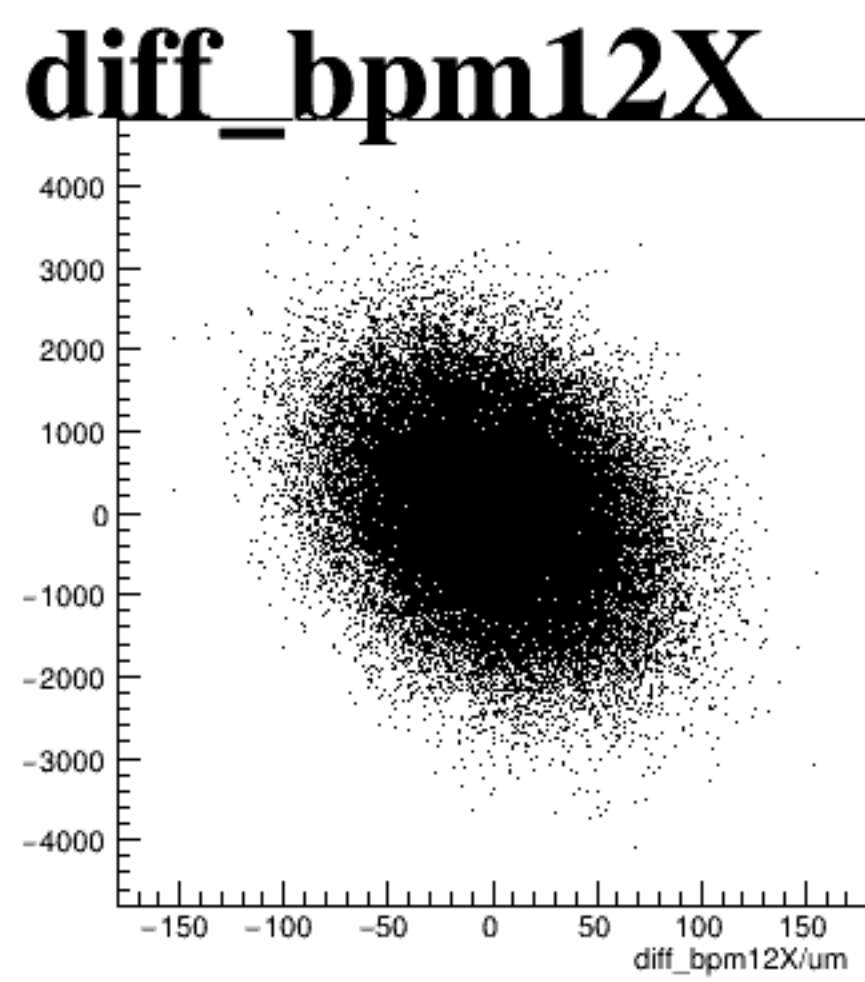
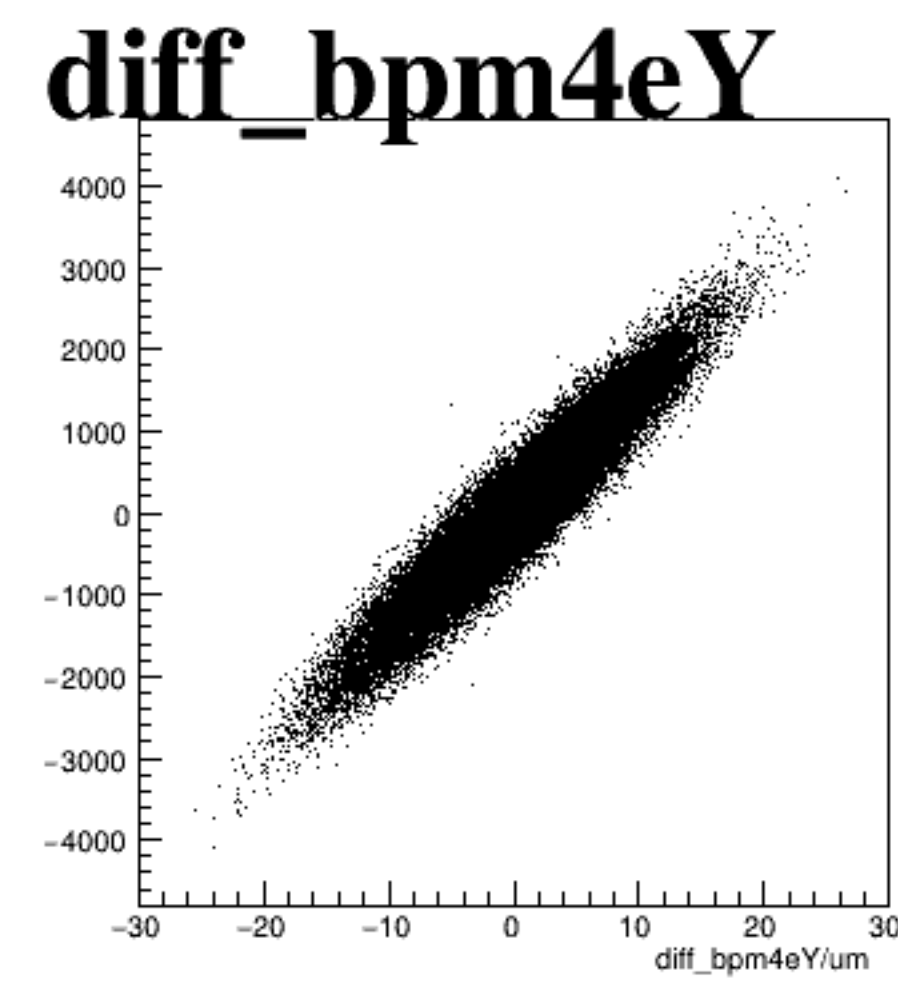
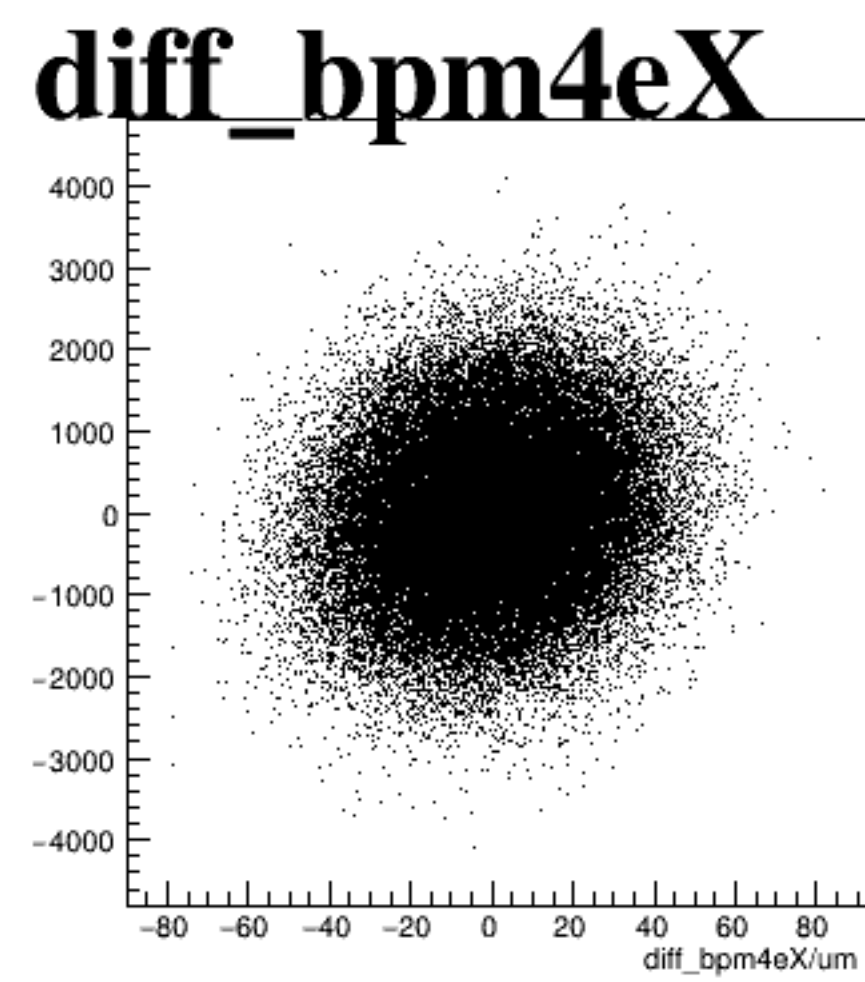
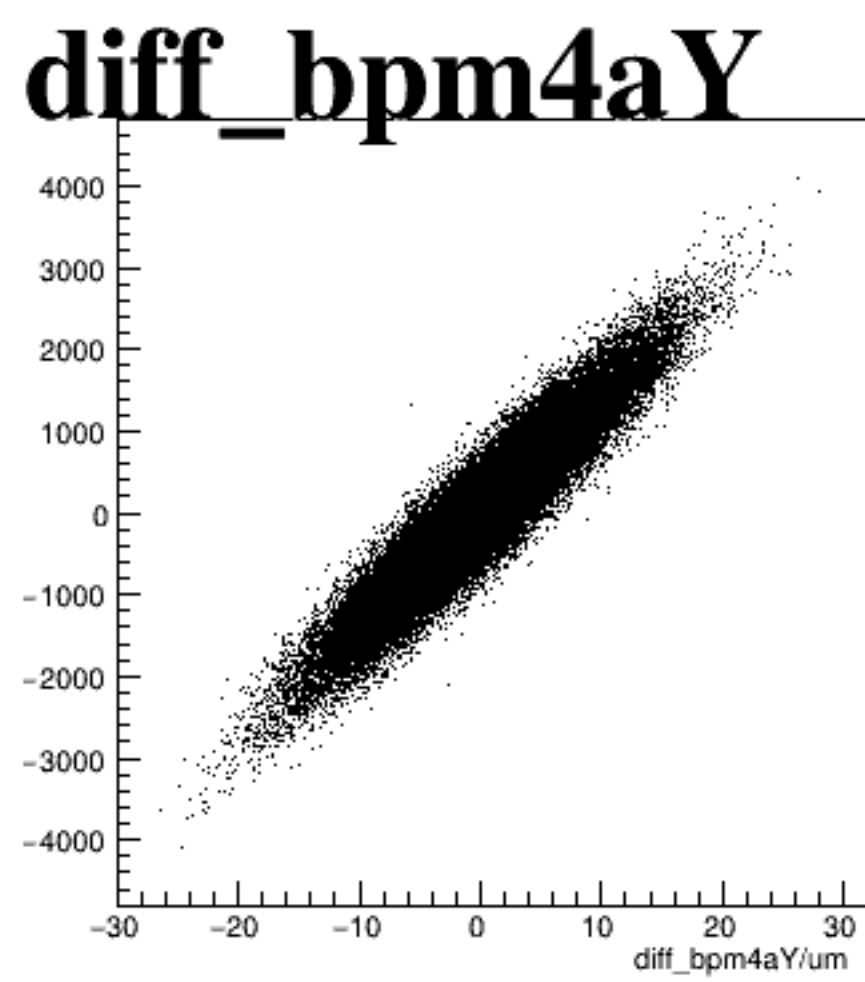
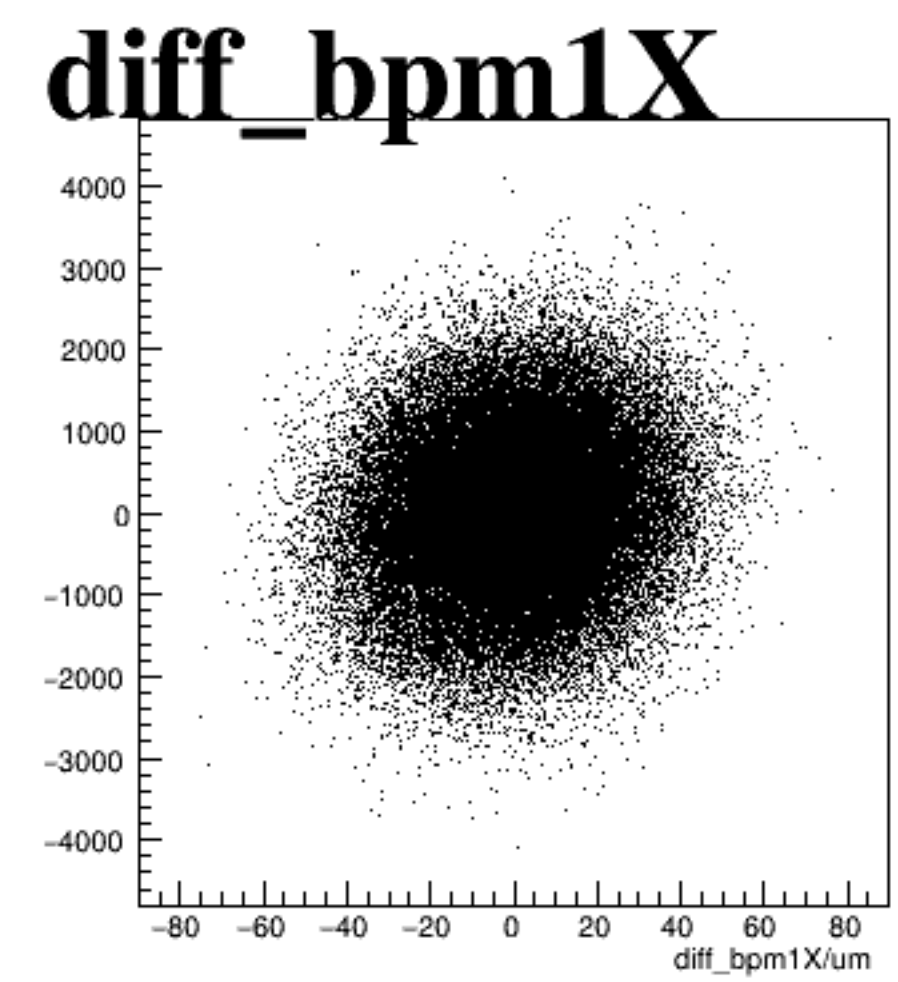
asym_sam1



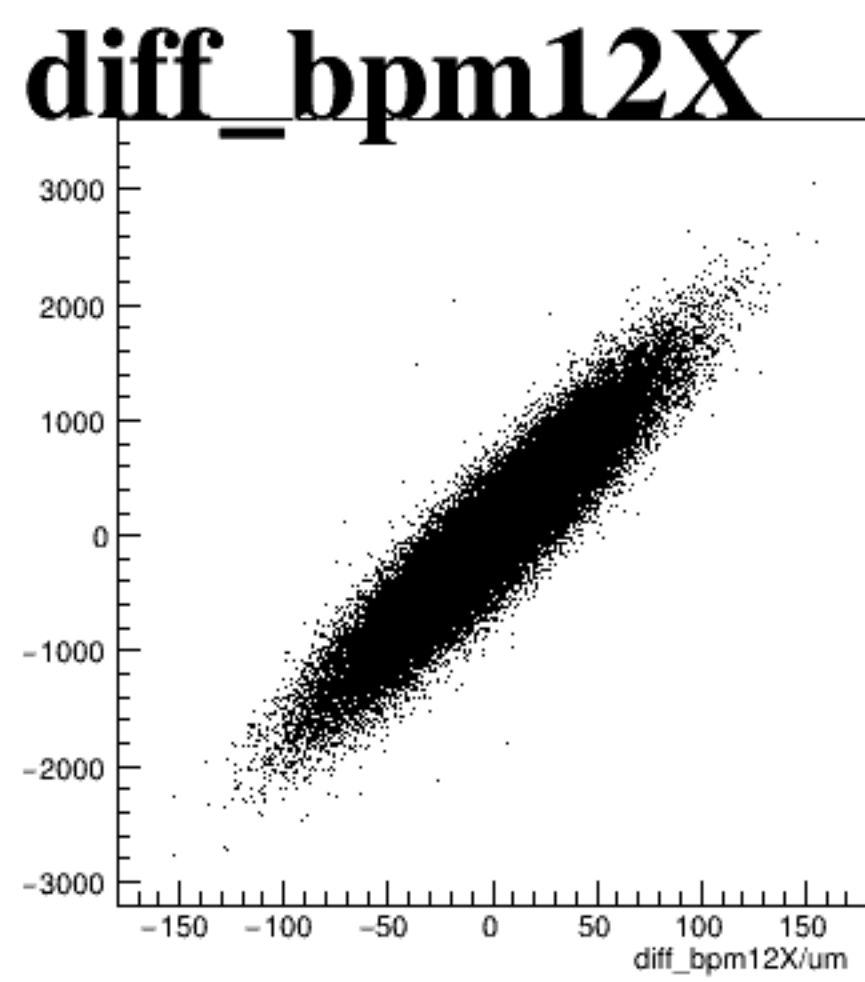
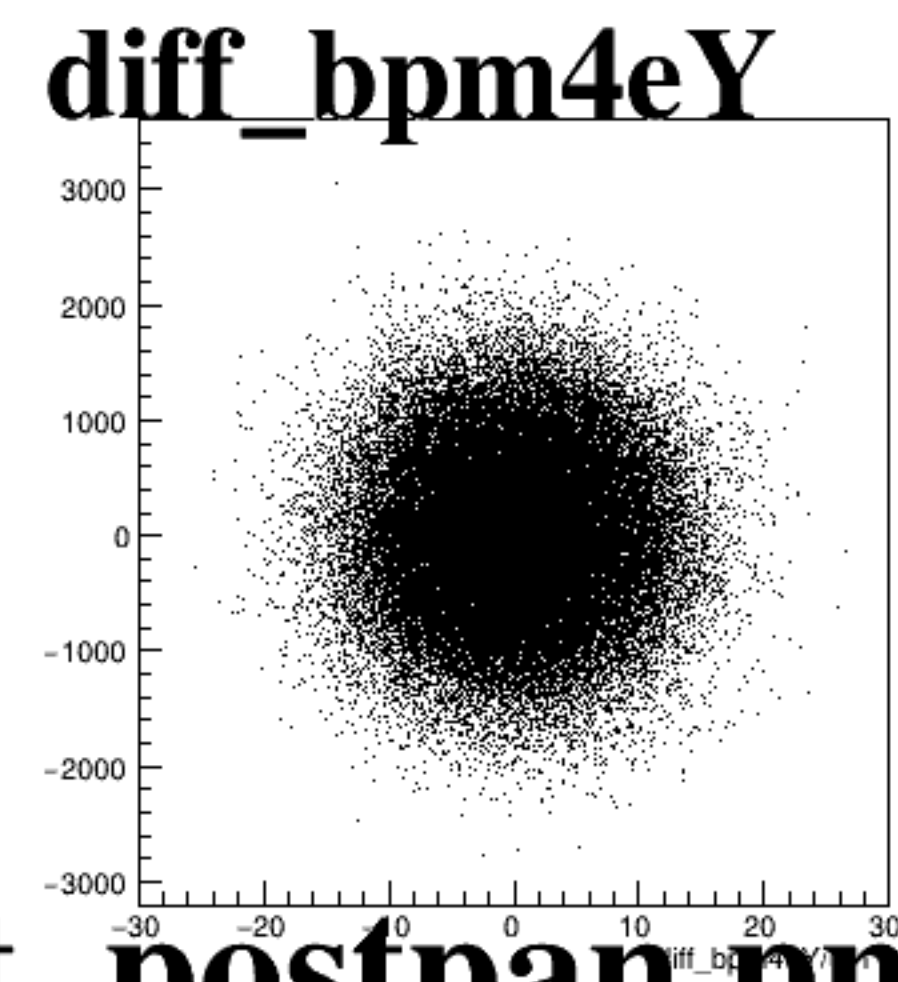
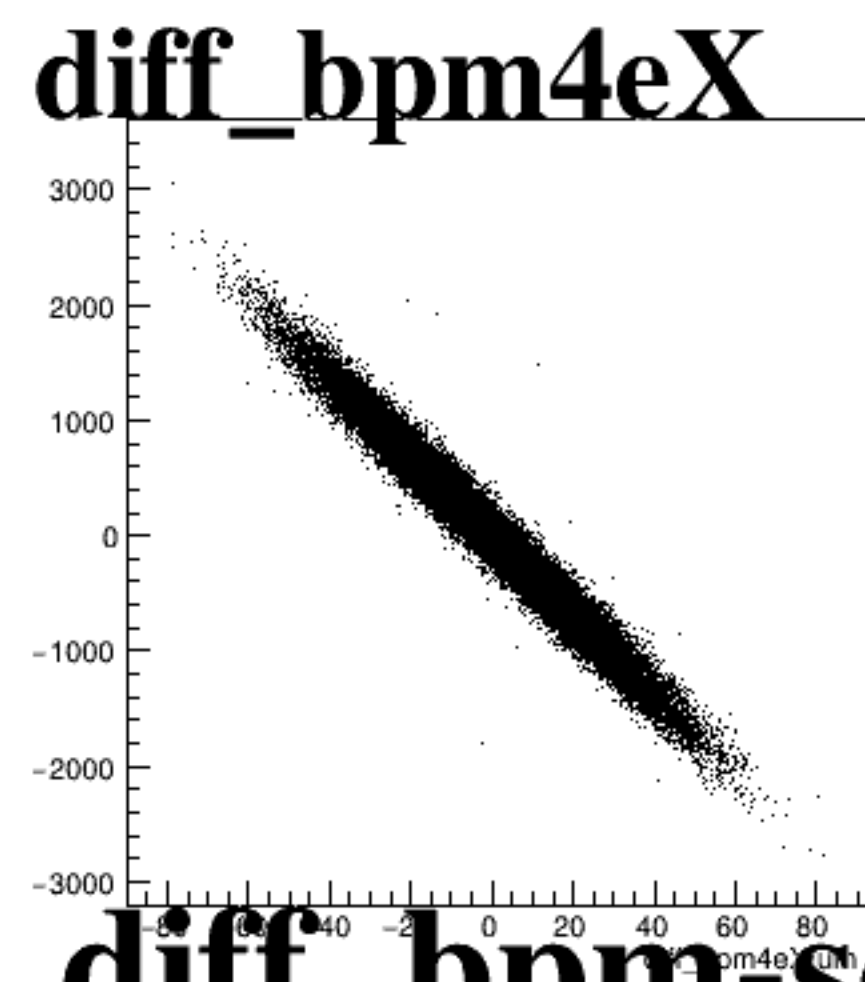
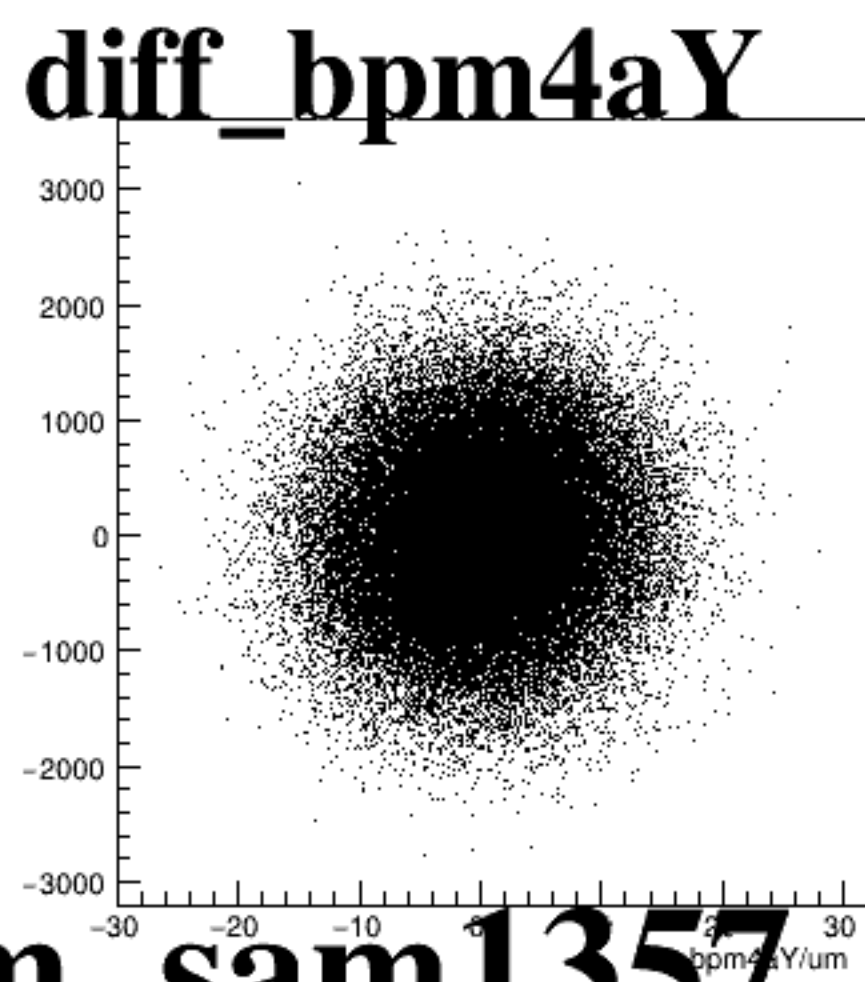
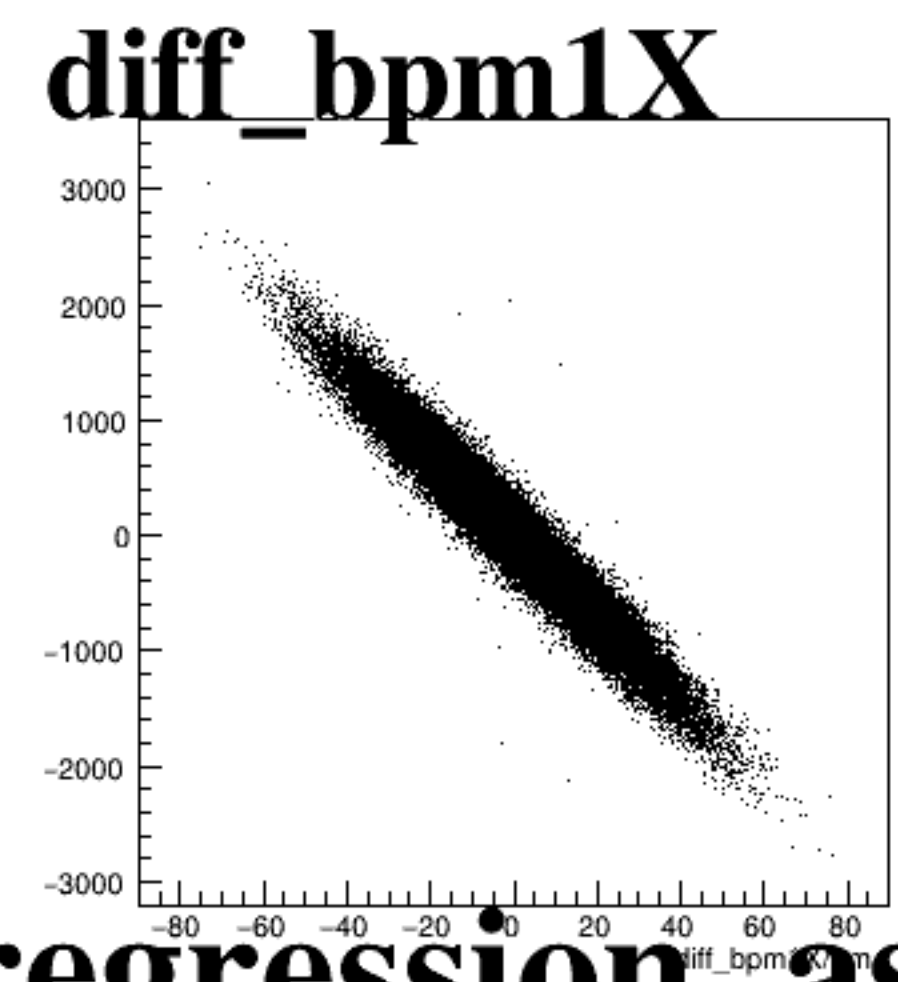
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff_bpm) for a specific beam parameter. The y-axis for all plots is labeled 'diff_bpm' and ranges from -2000 to 2000. The x-axis for each plot is labeled 'diff_bpmX/um' or 'diff_bpmY/um' and ranges from -80 to 80. The plots show a dense, elongated cloud of points centered around (0,0).

- diff_bpm1X**: The x-axis ranges from -80 to 80. The cloud is centered at (0,0).
- diff_bpm4aY**: The x-axis ranges from -30 to 30. The cloud is centered at (0,0).
- diff_bpm4eX**: The x-axis ranges from -80 to 80. The cloud is centered at (0,0).
- diff_bpm4eY**: The x-axis ranges from -30 to 30. The cloud is centered at (0,0).
- diff_bpm12X**: The x-axis ranges from -150 to 150. The cloud is centered at (0,0).