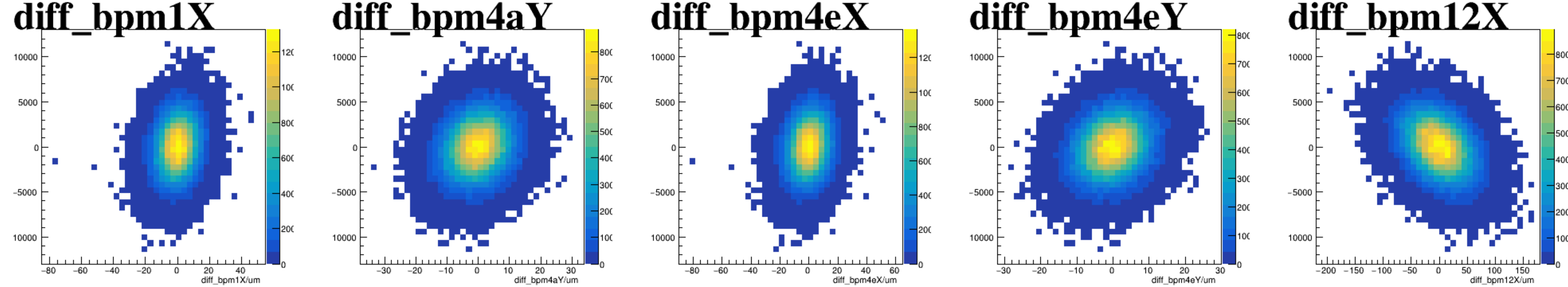
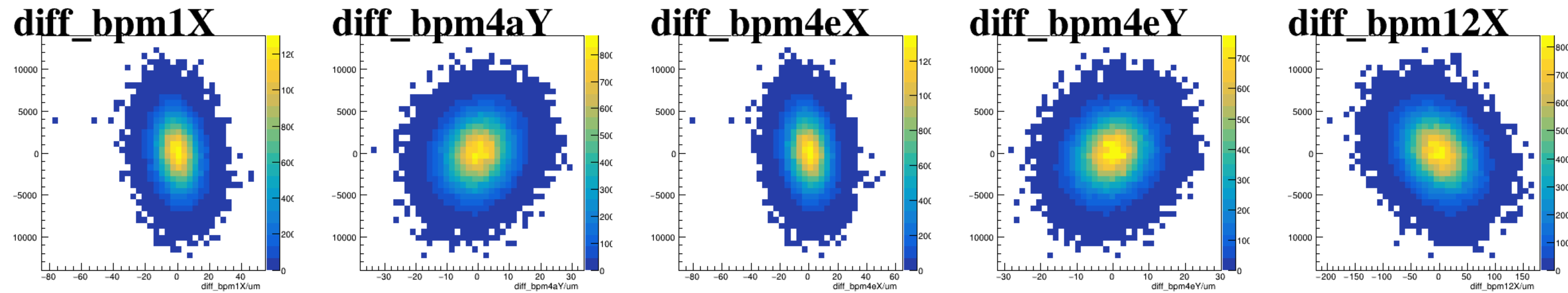


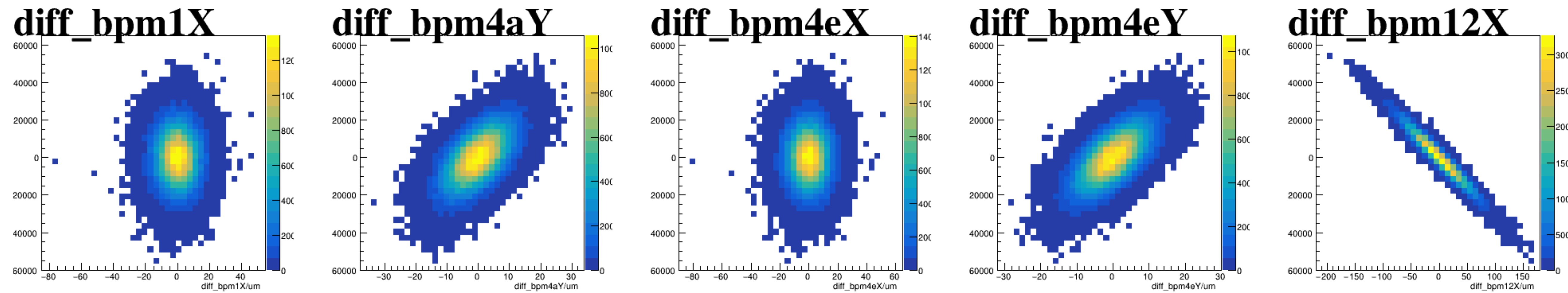
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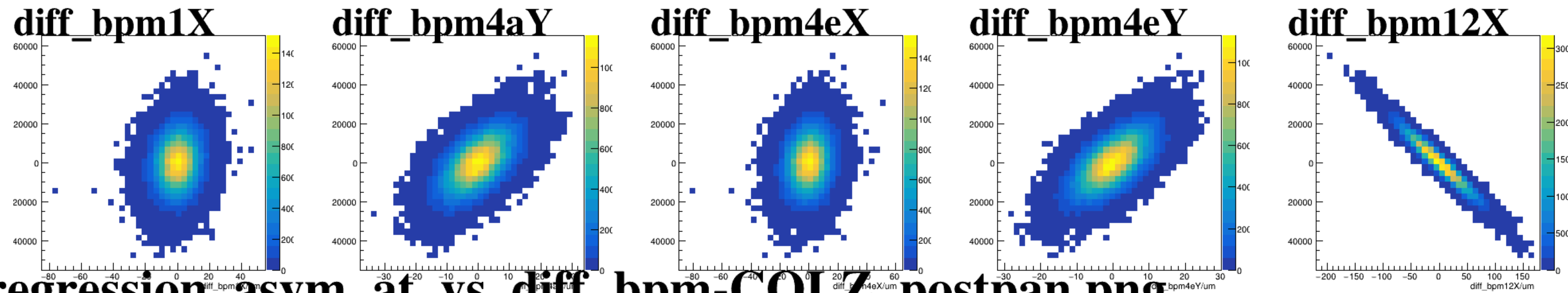
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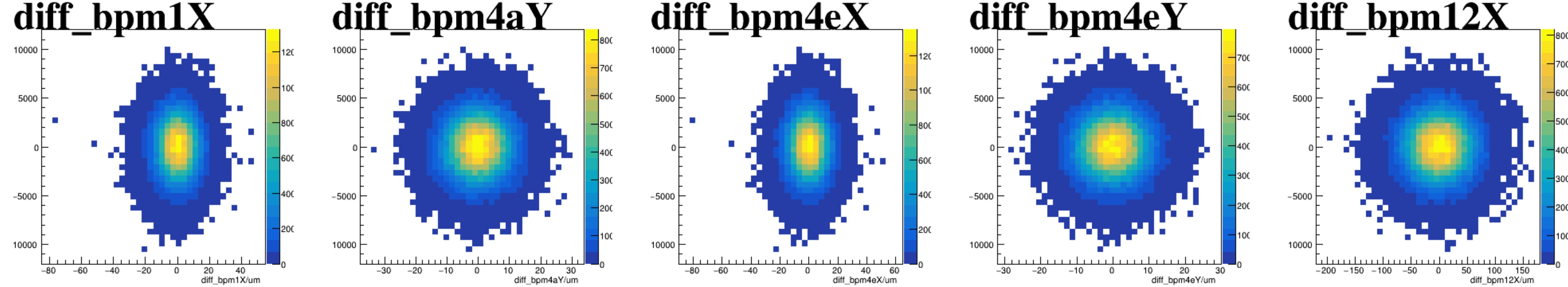
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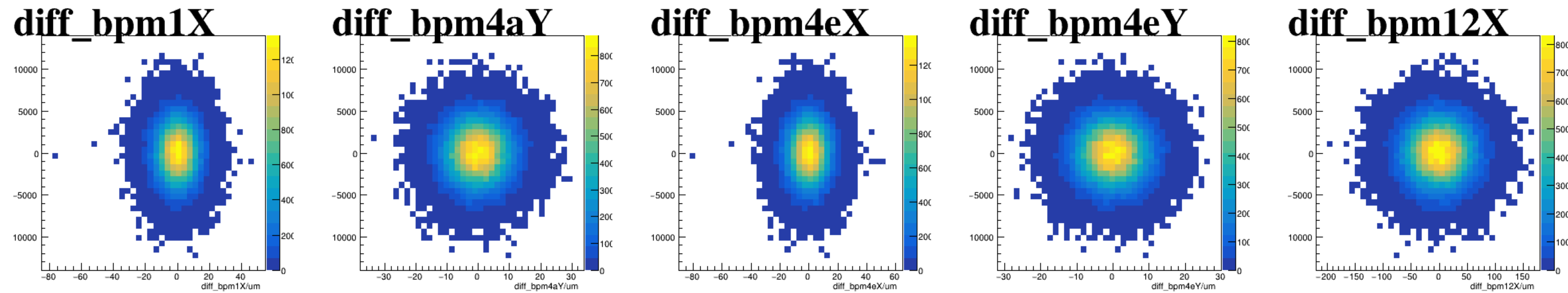
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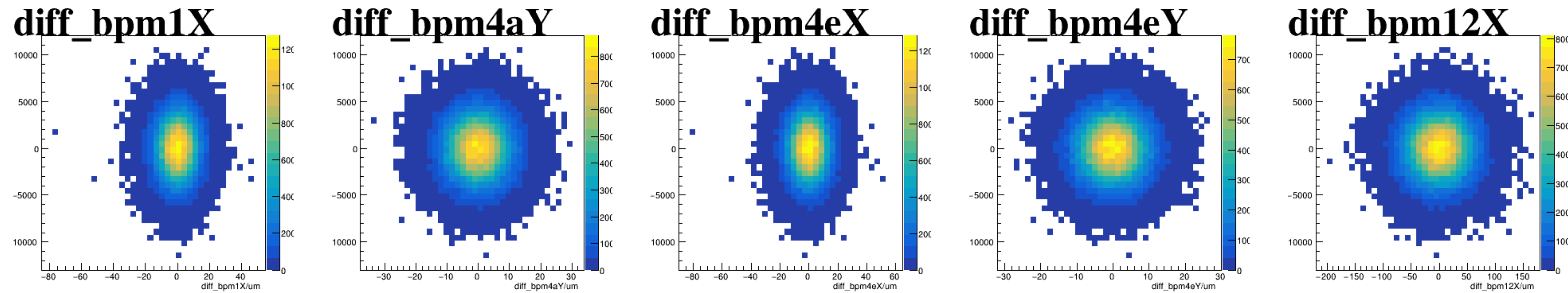
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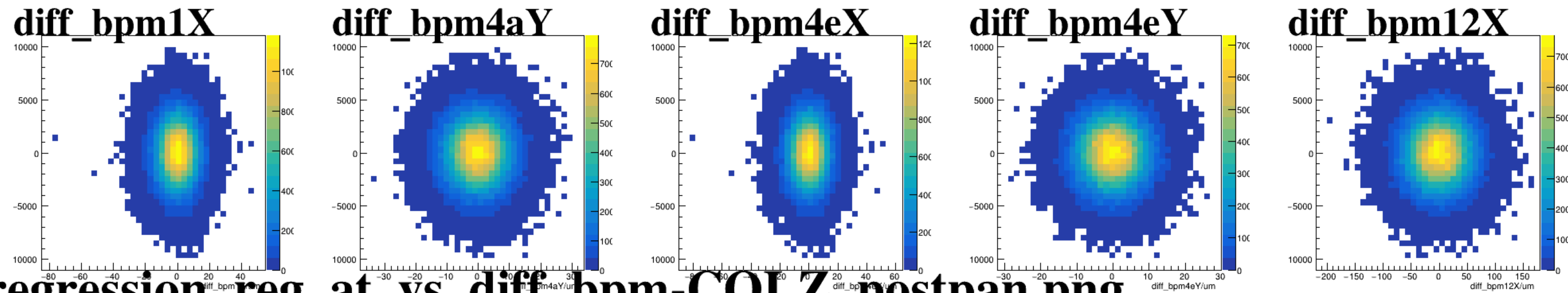
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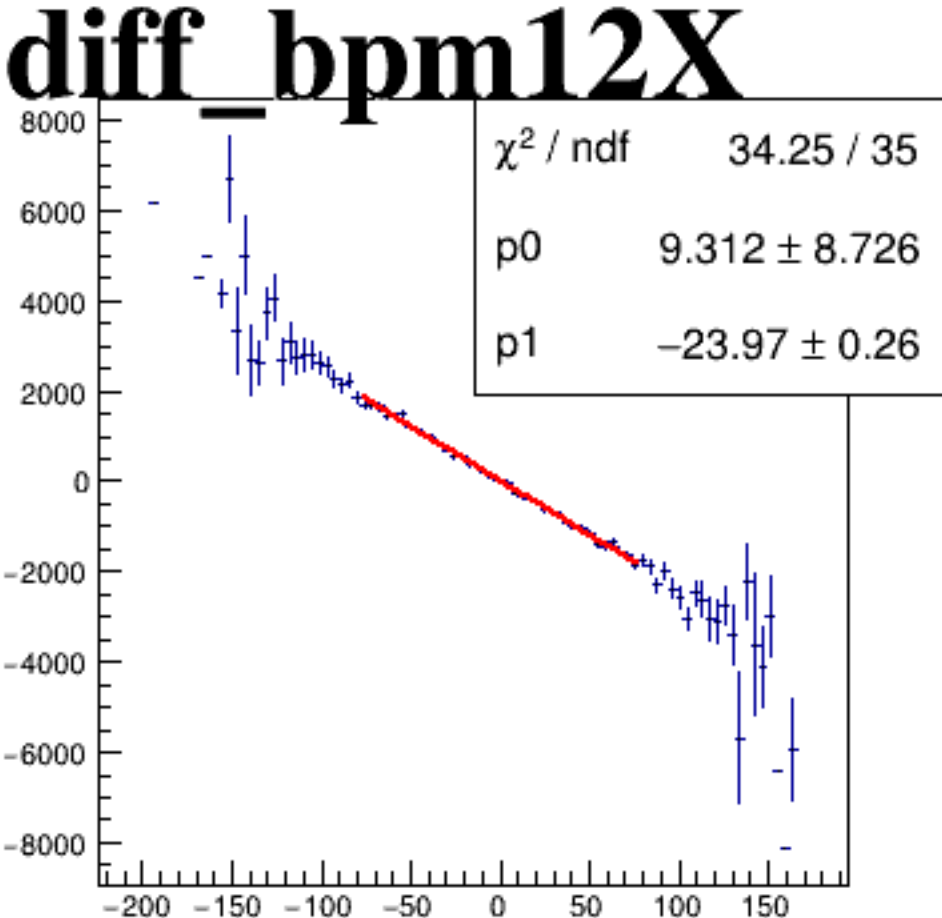
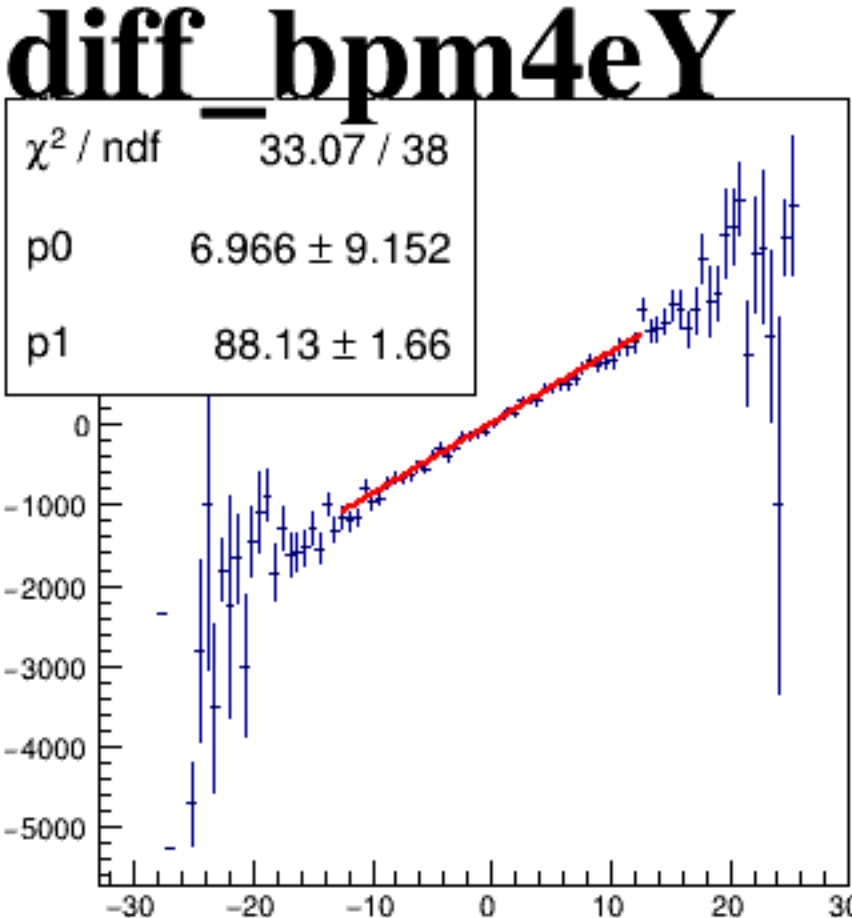
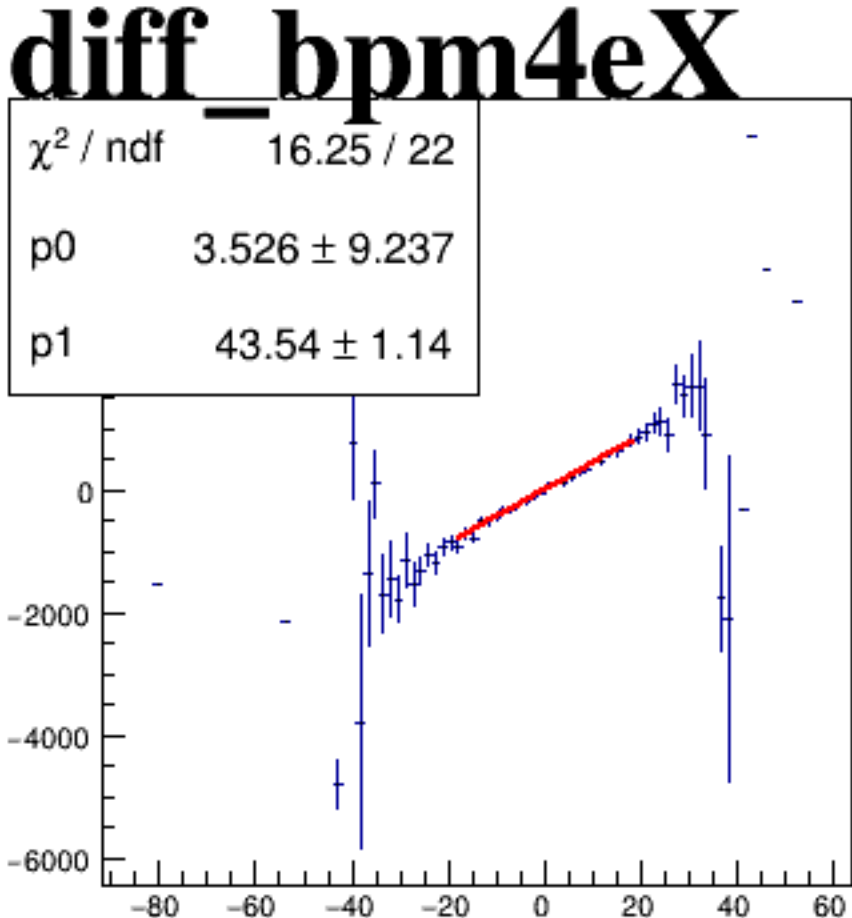
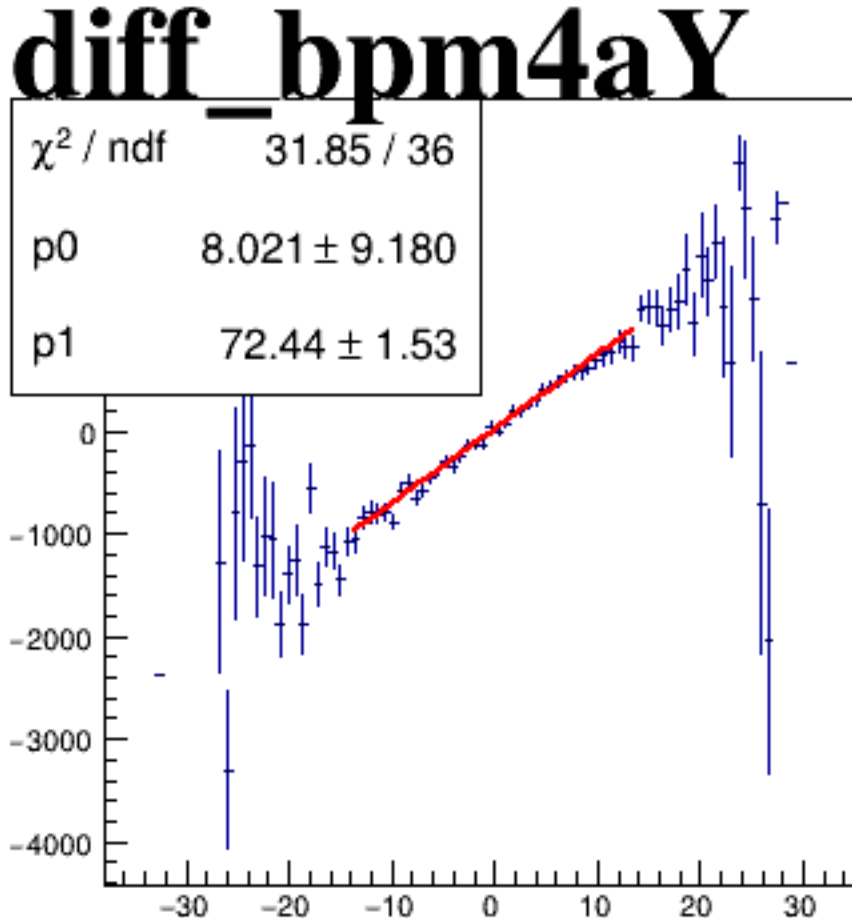
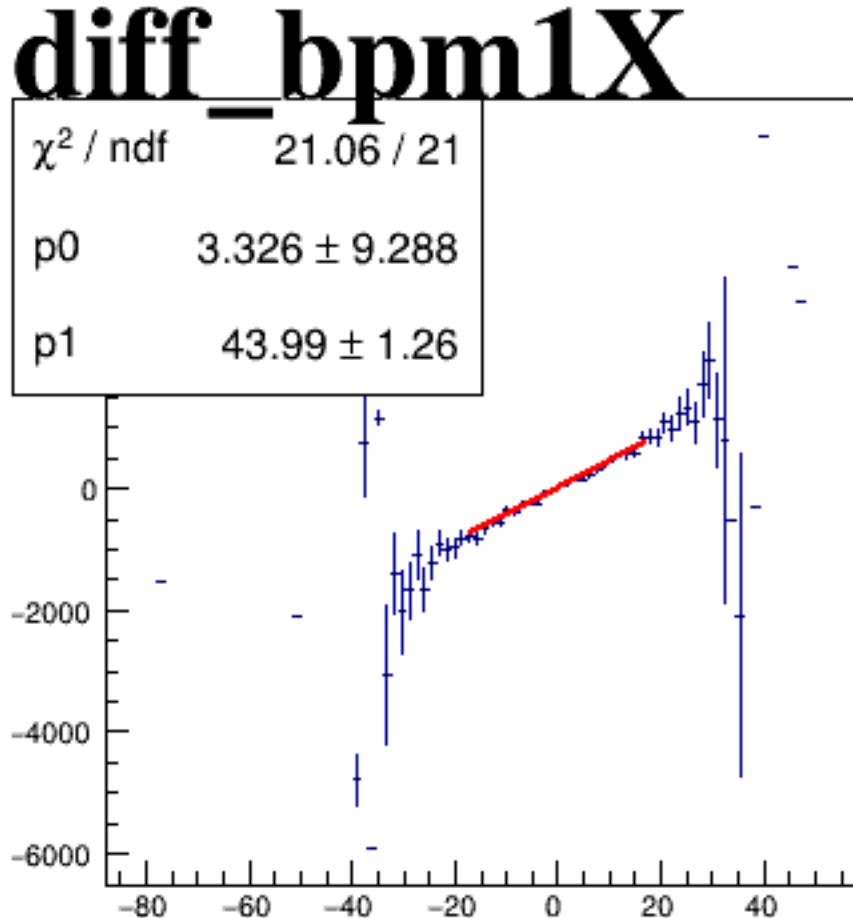
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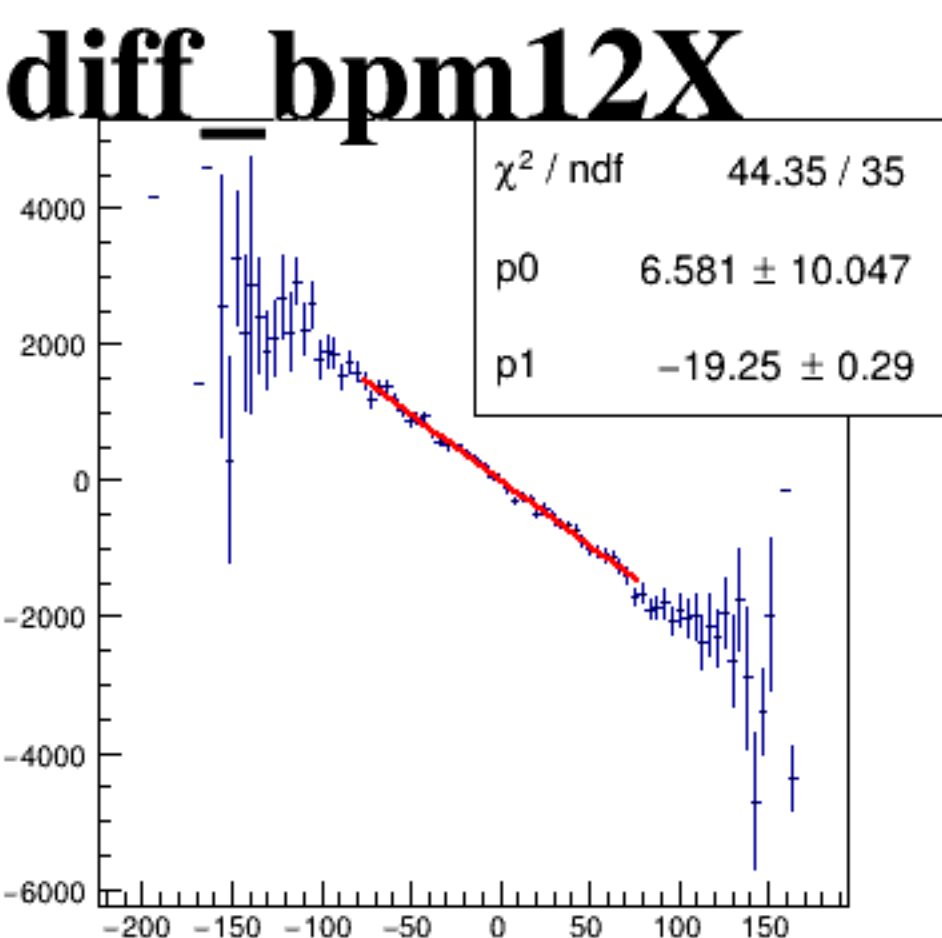
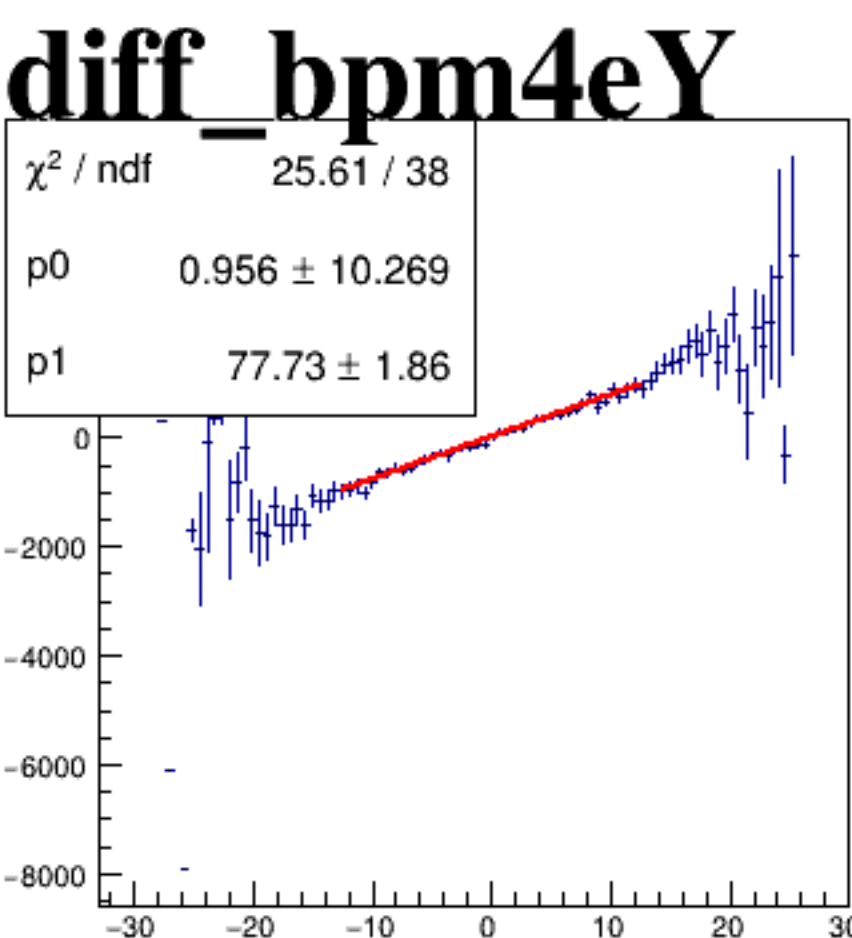
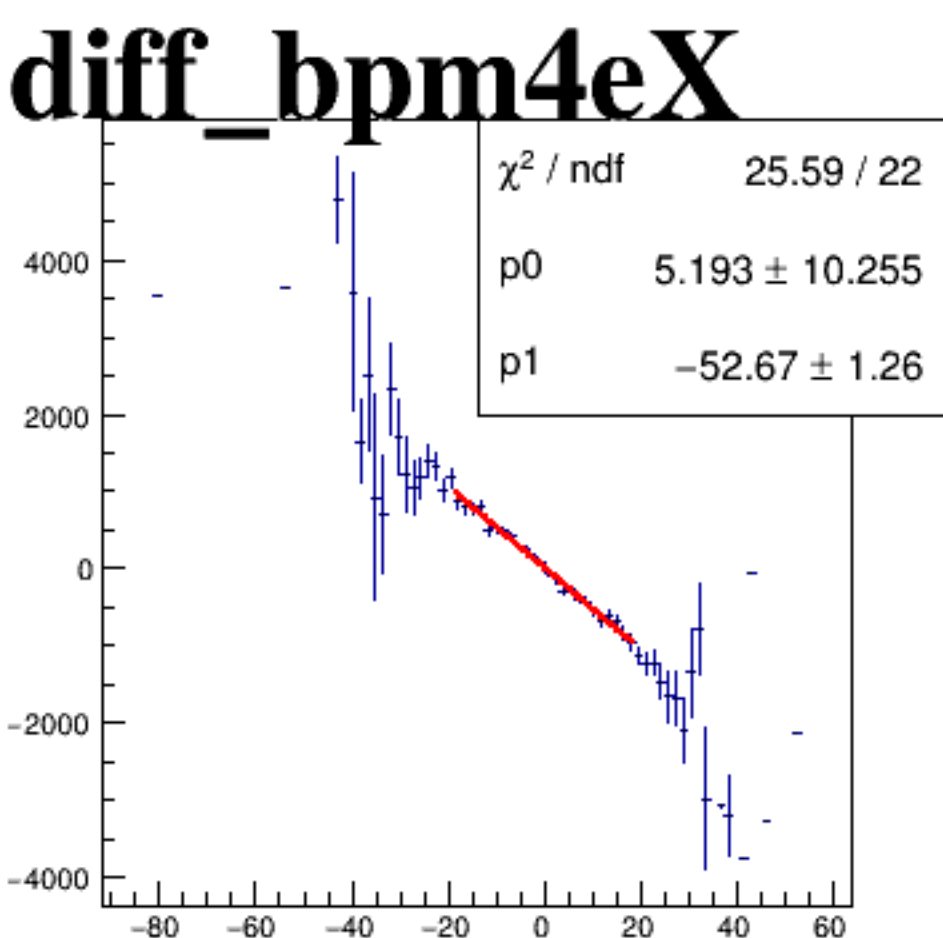
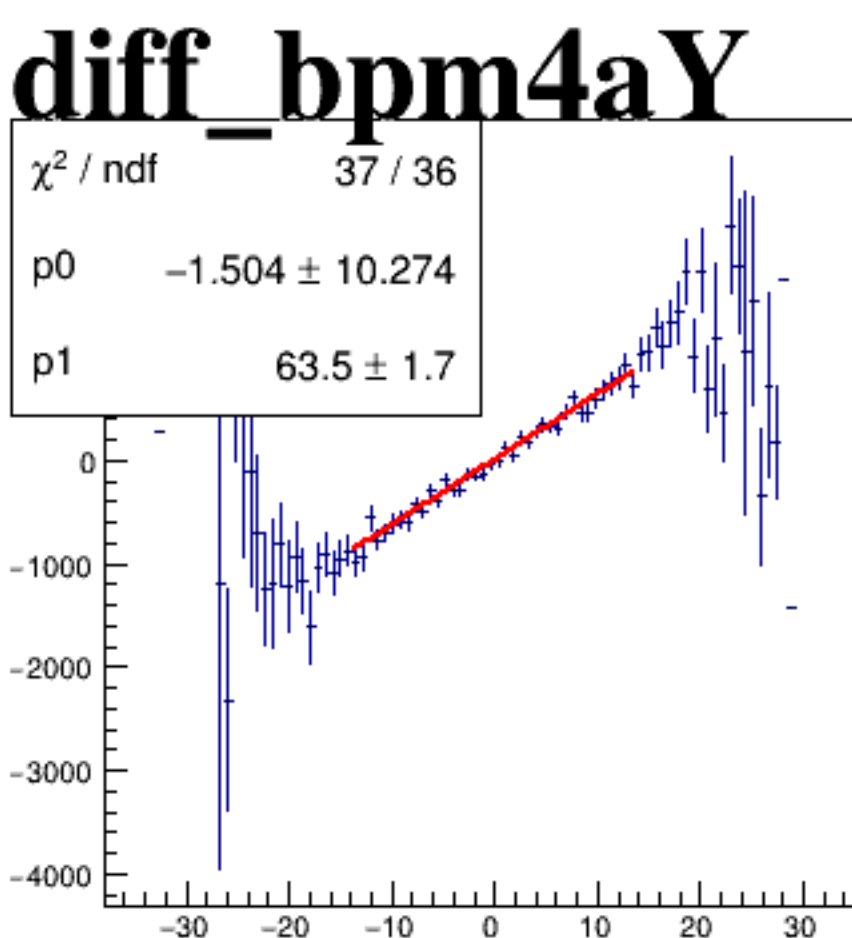
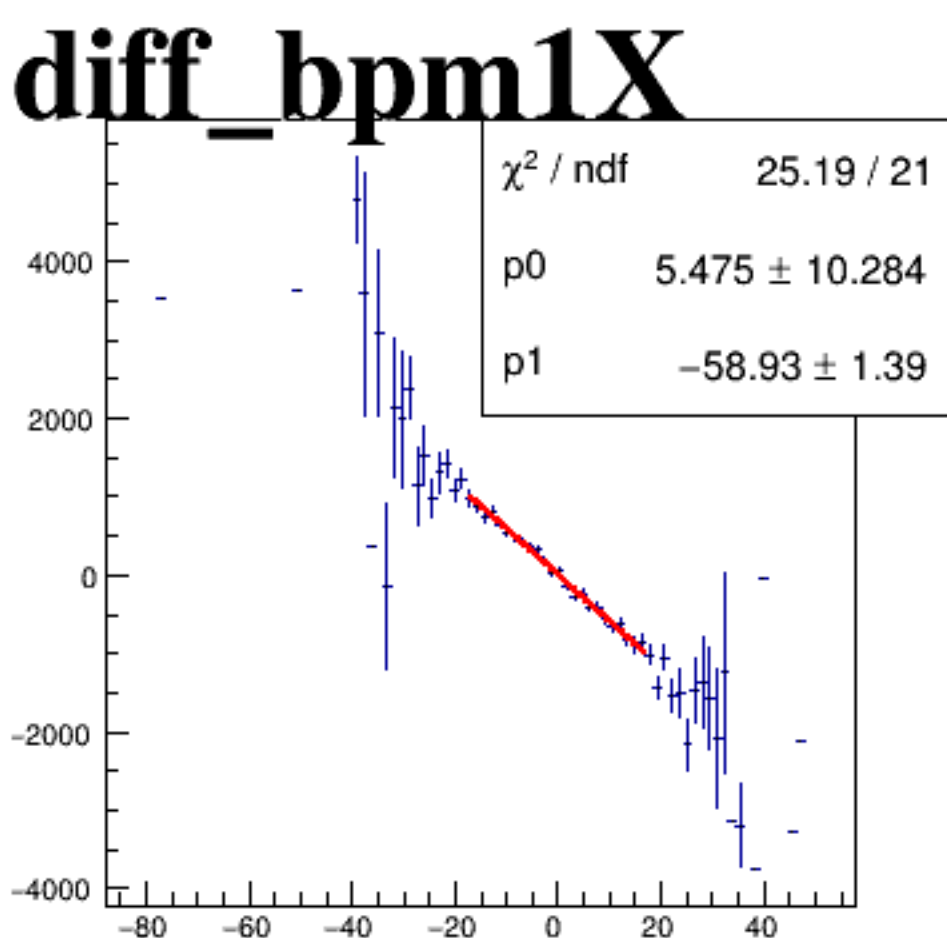
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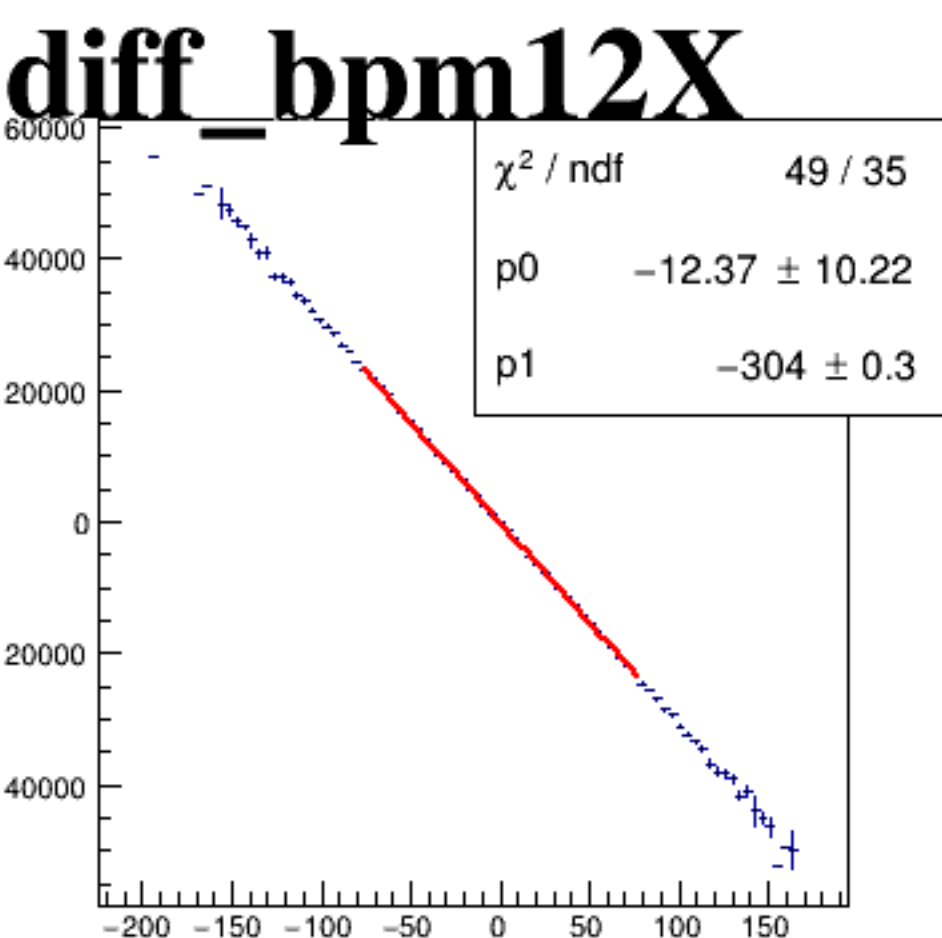
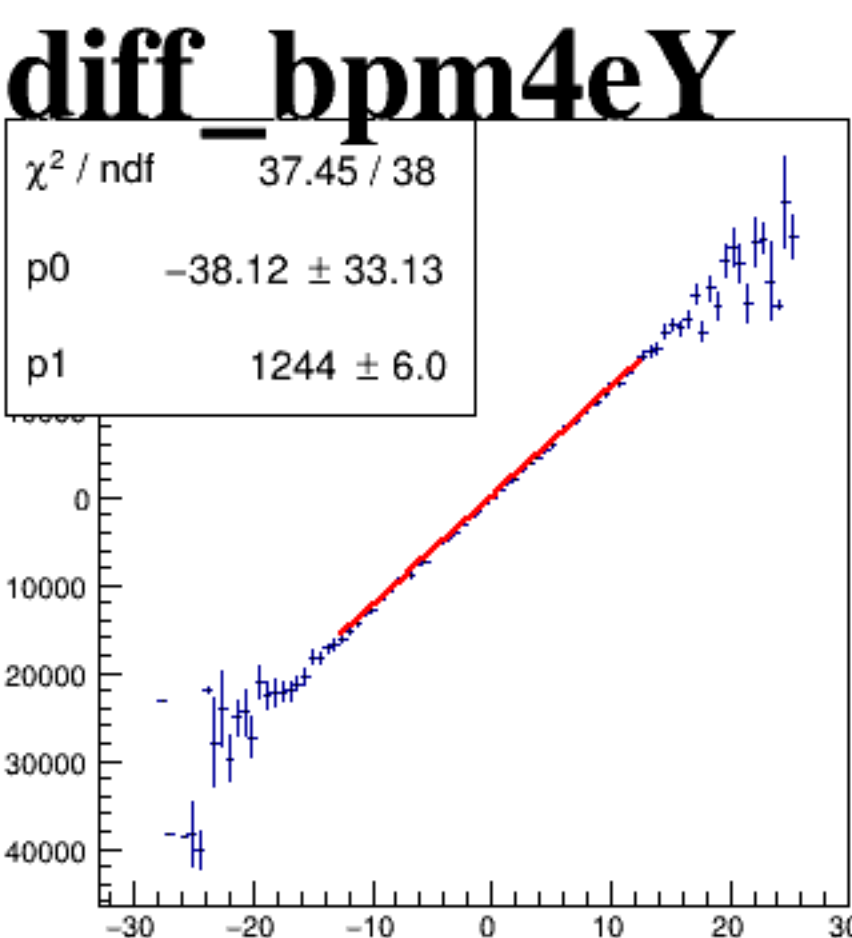
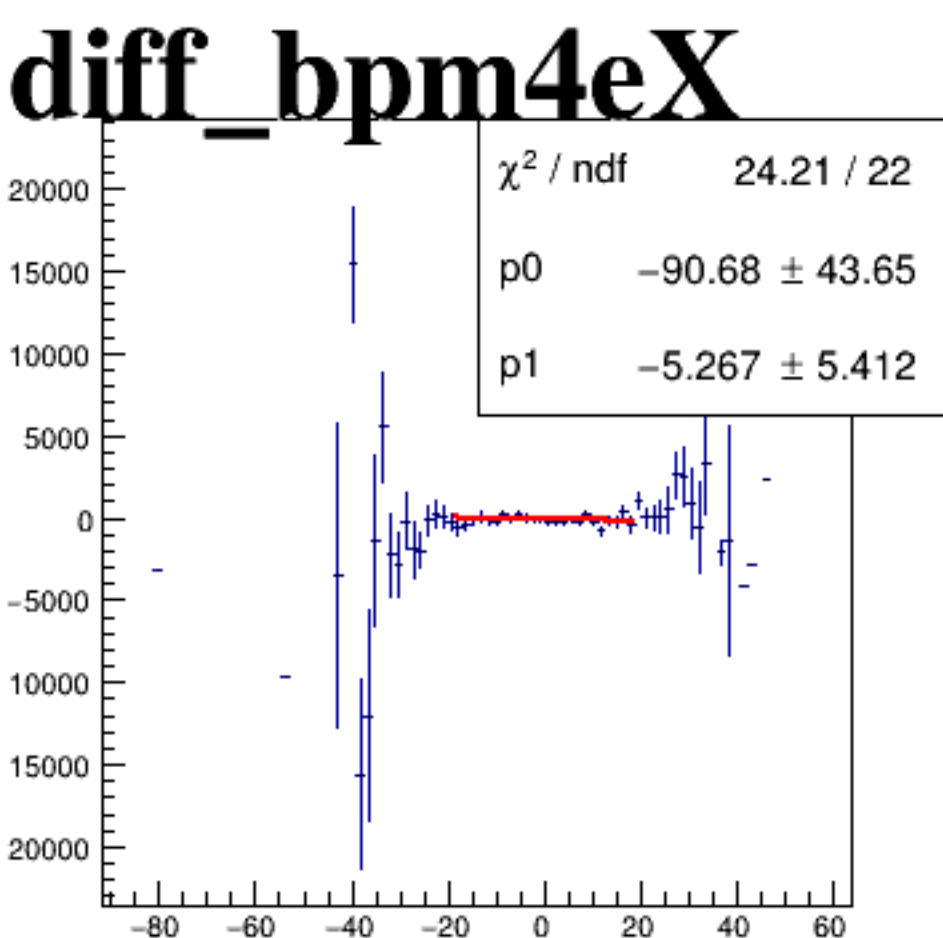
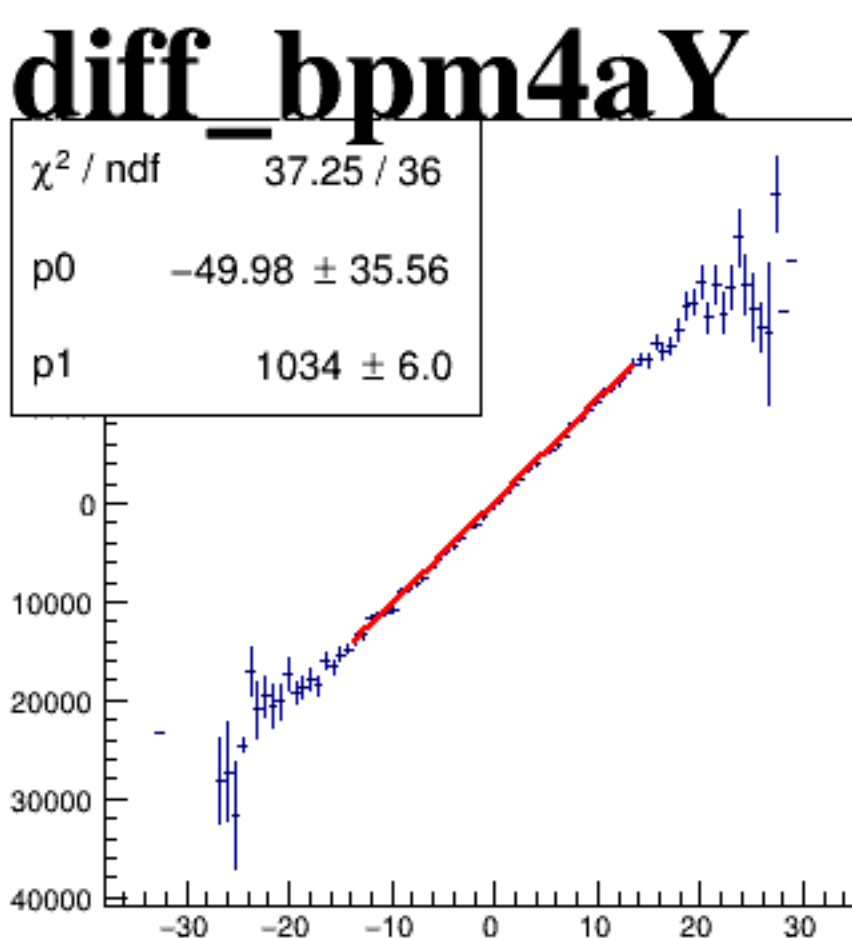
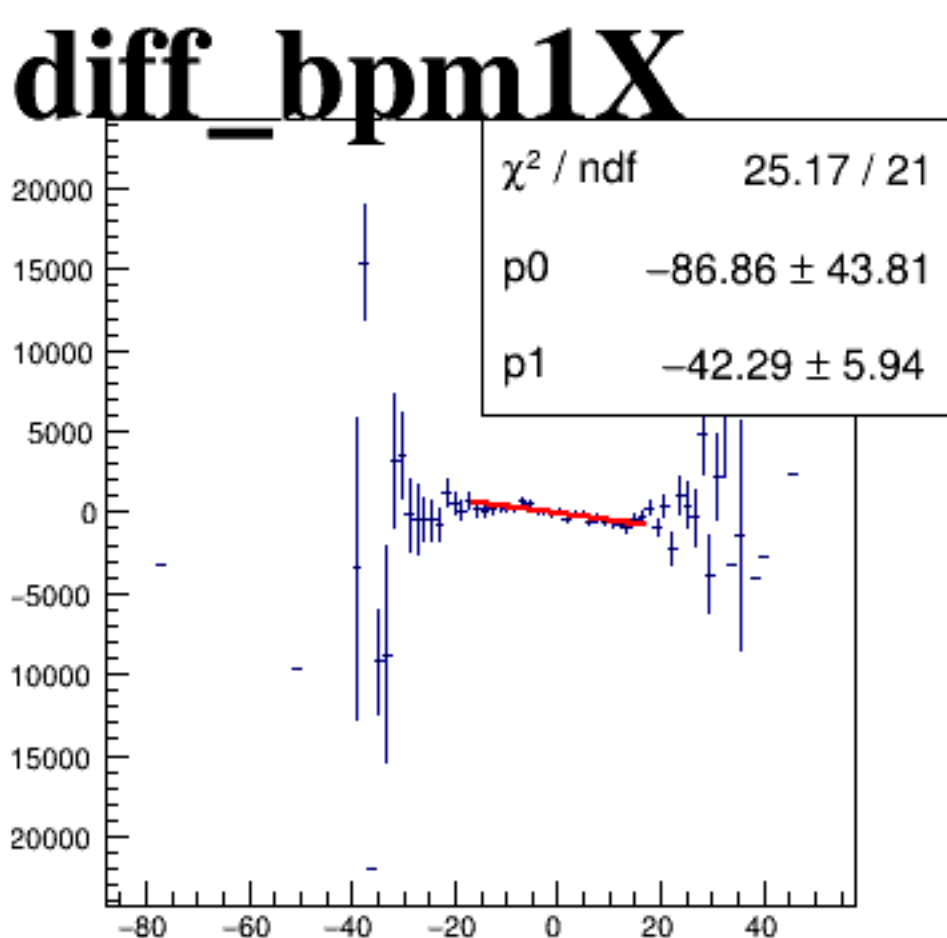
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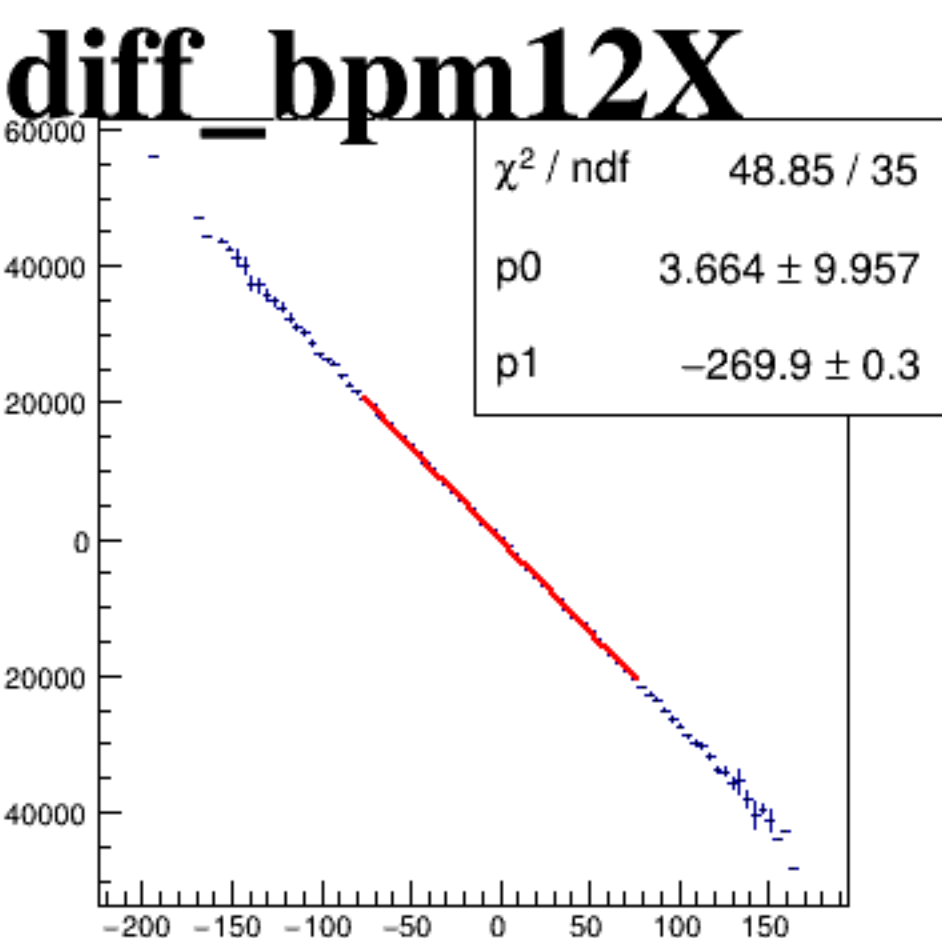
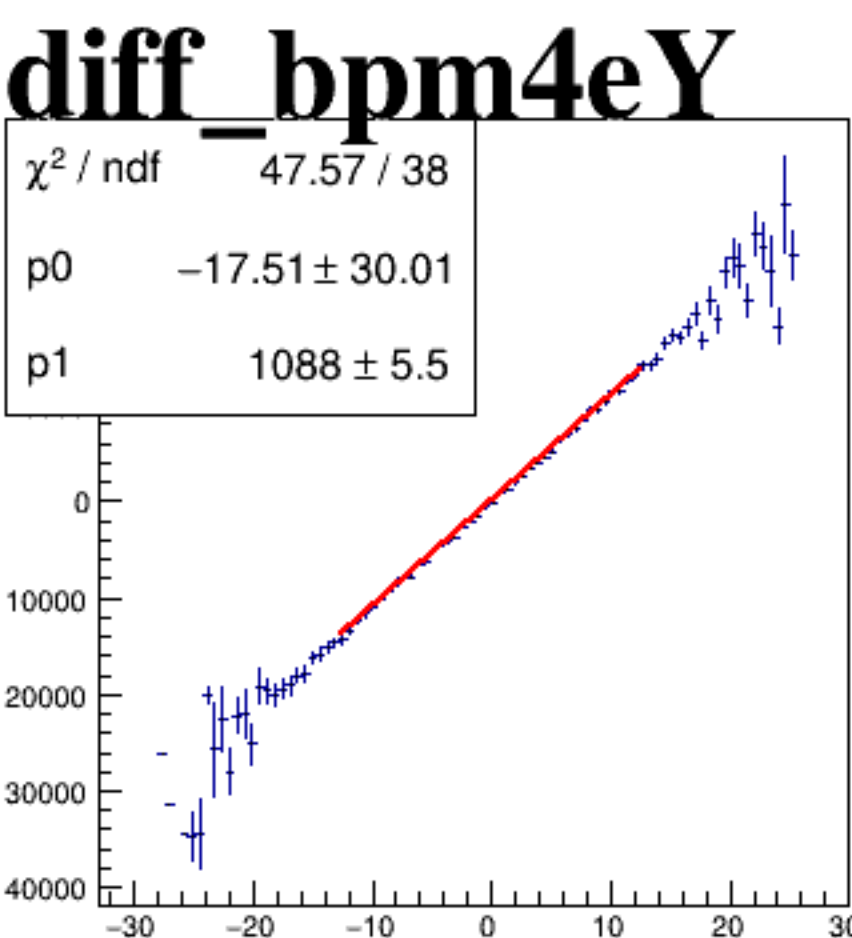
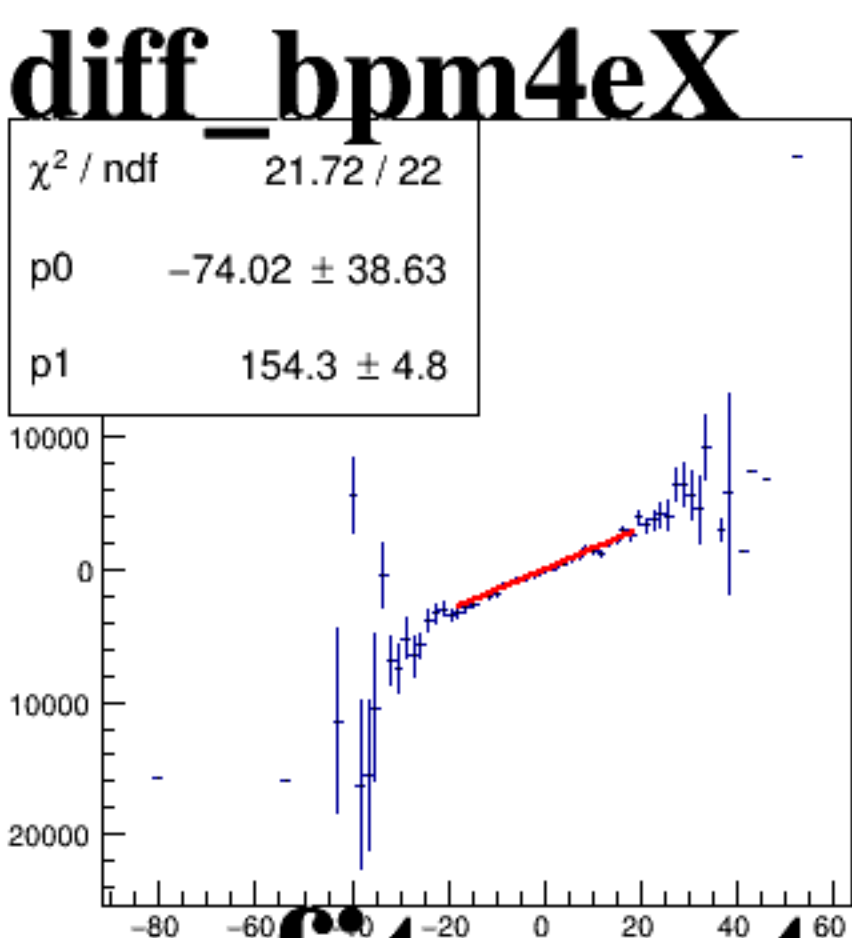
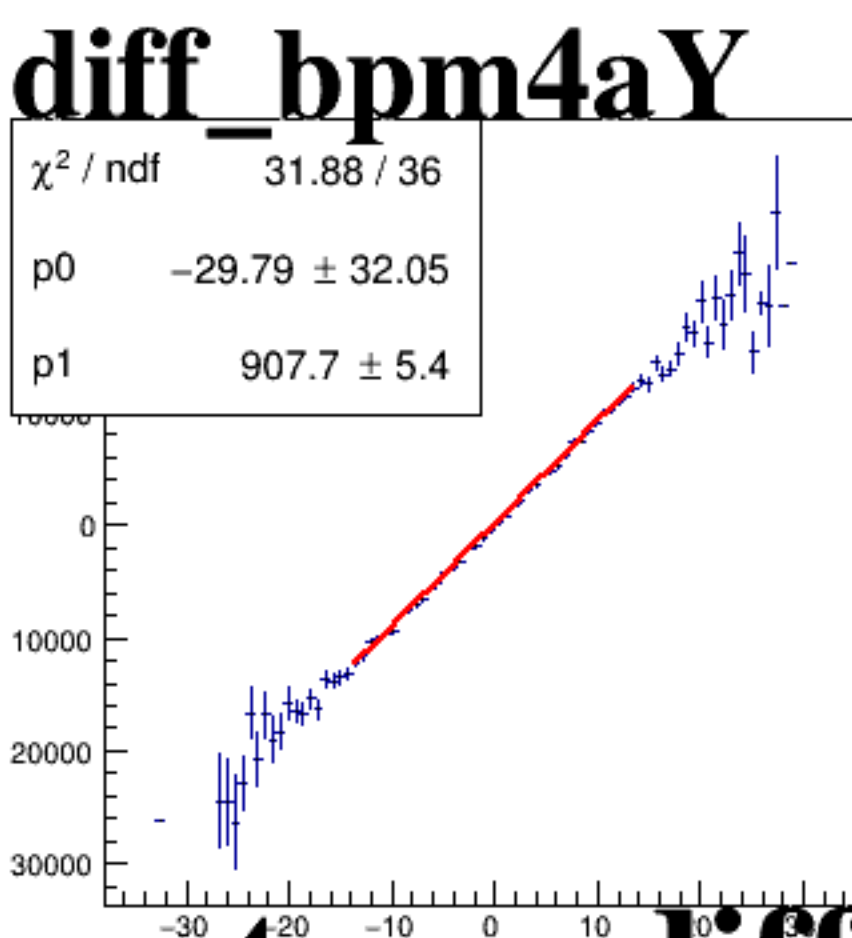
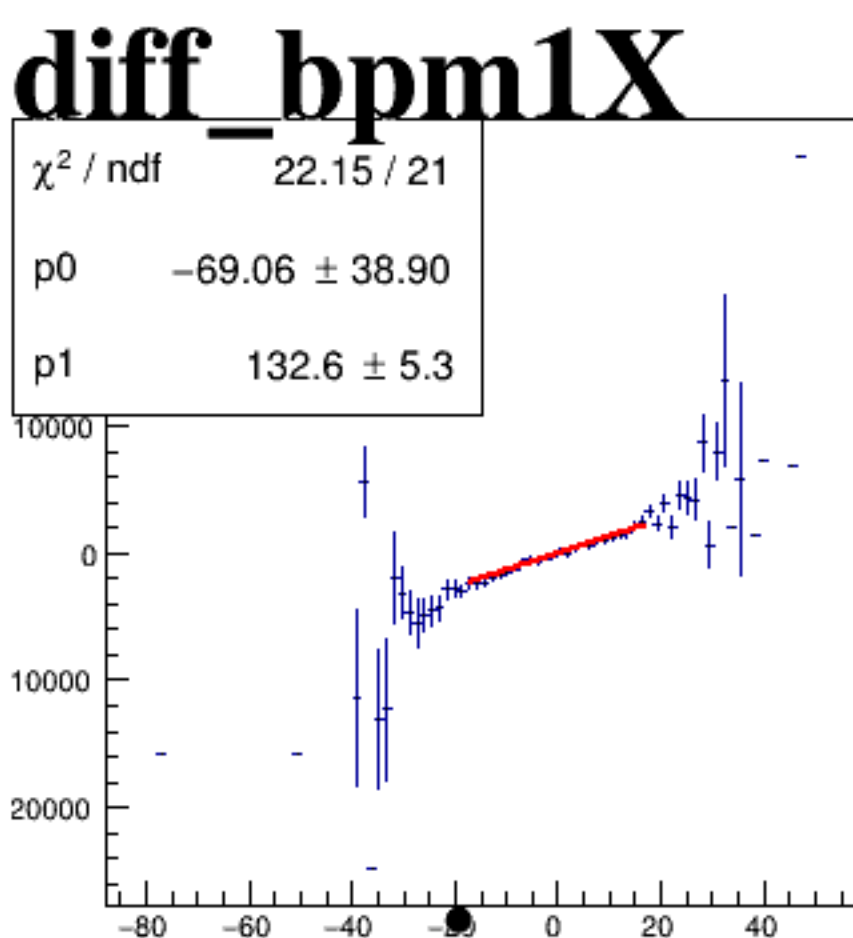
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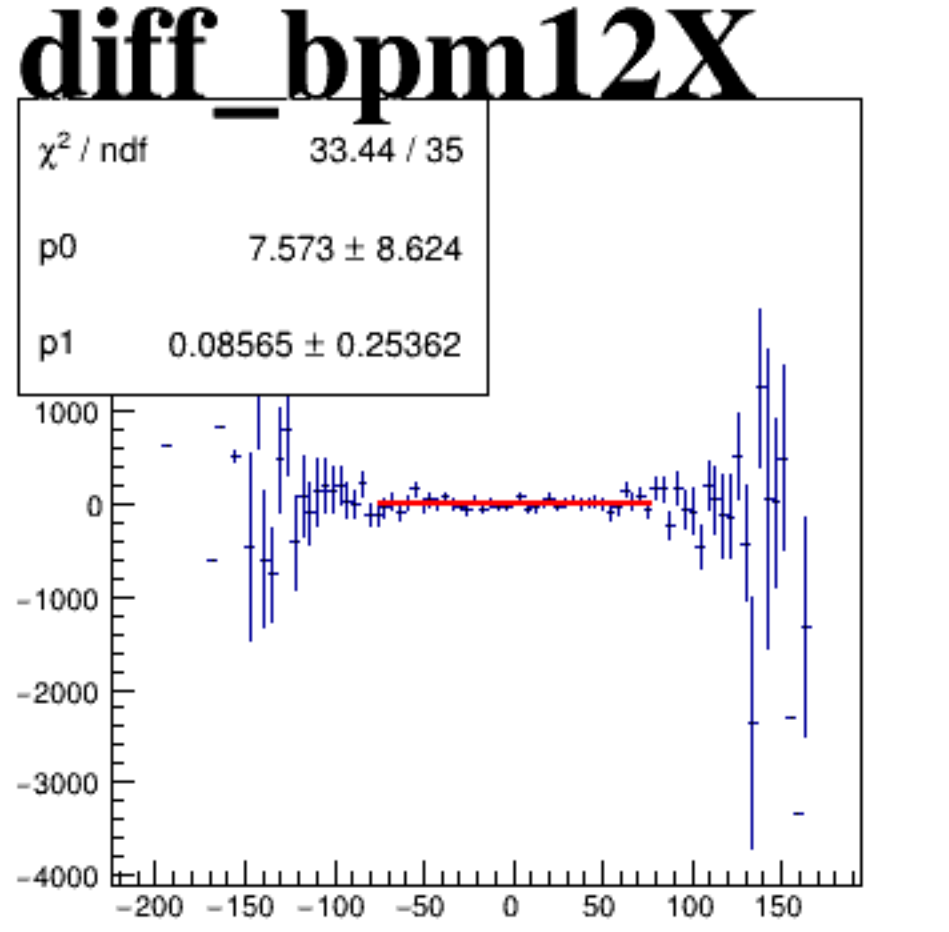
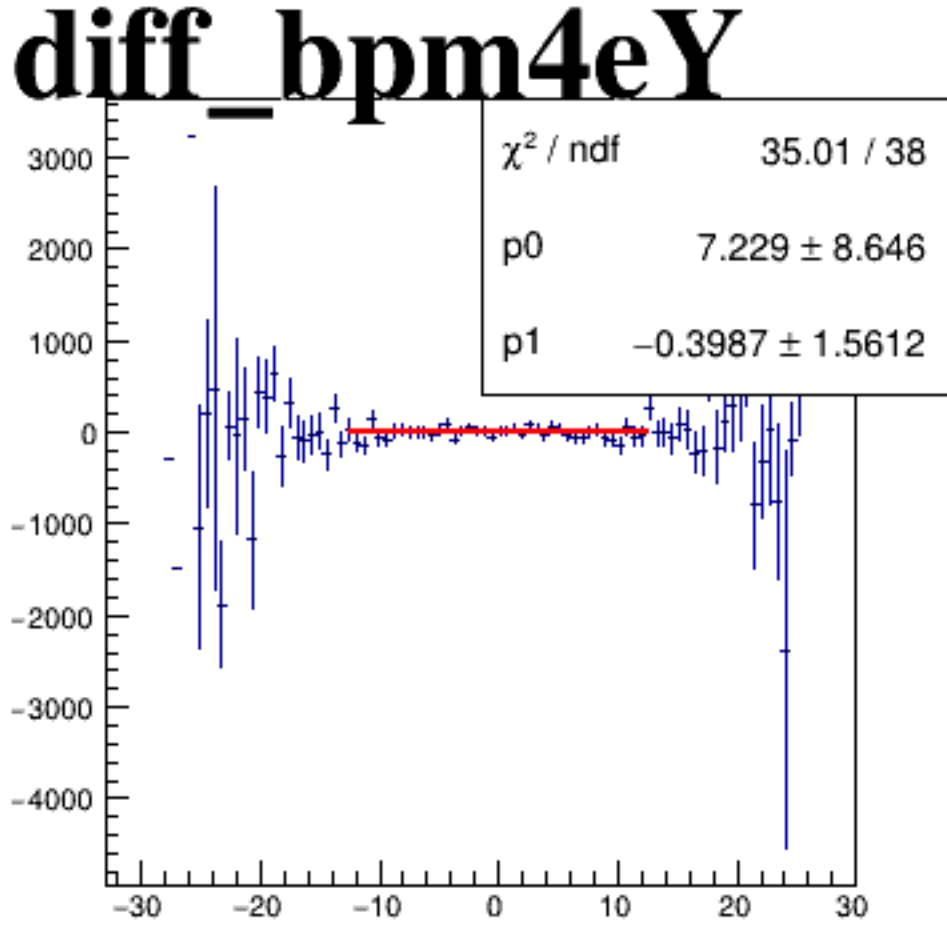
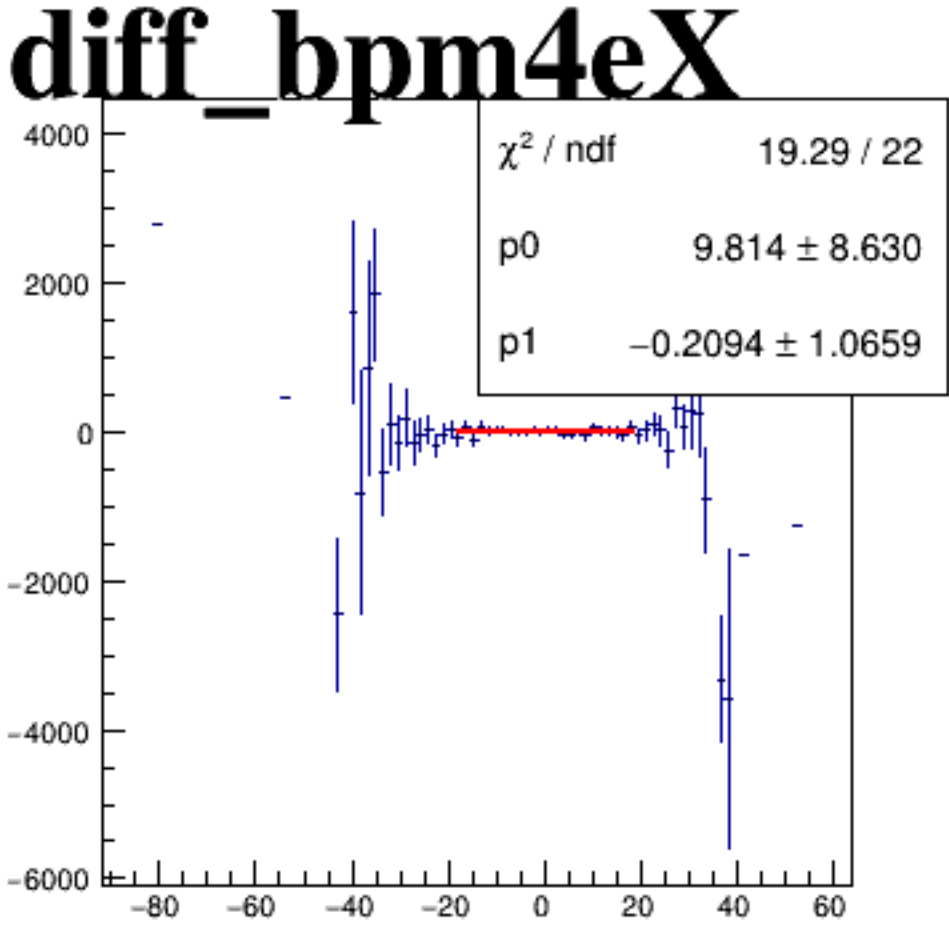
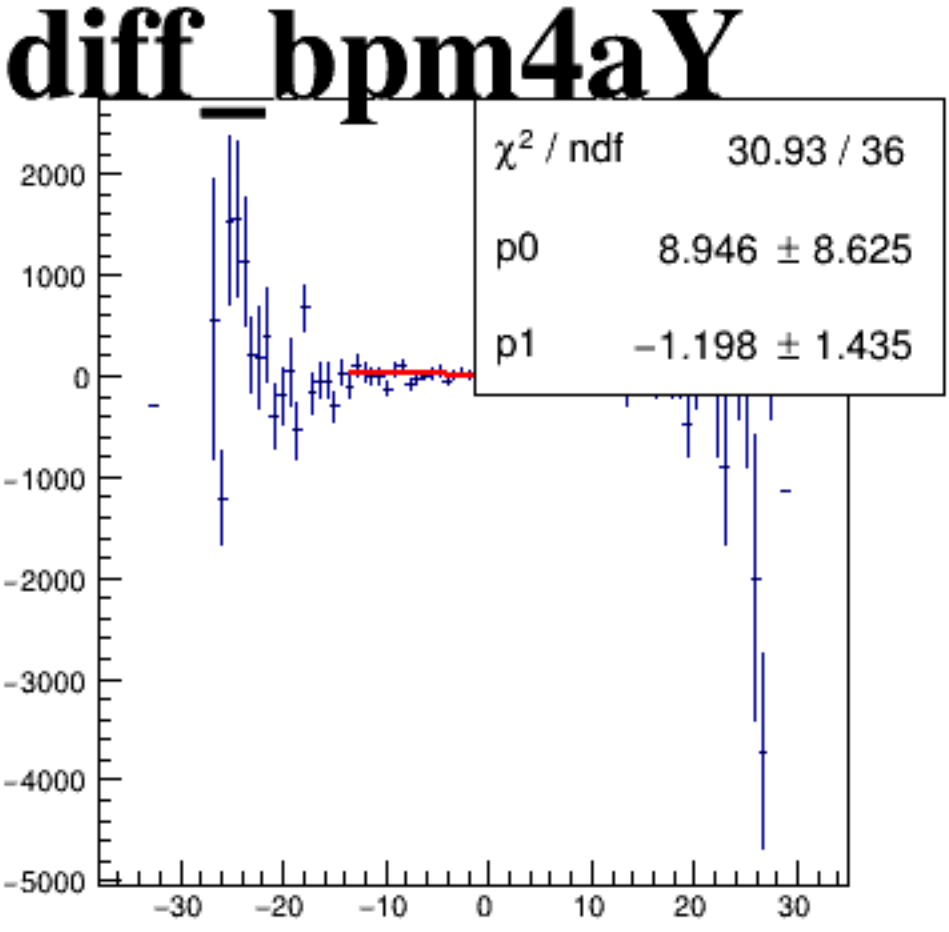
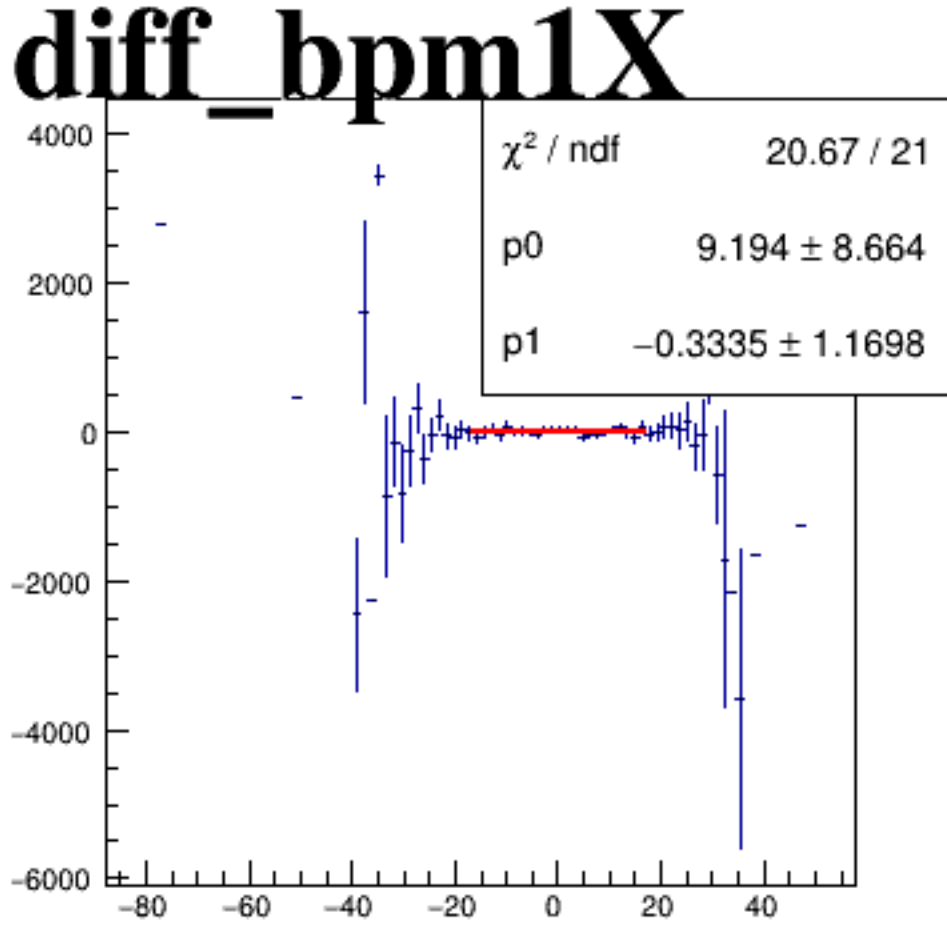
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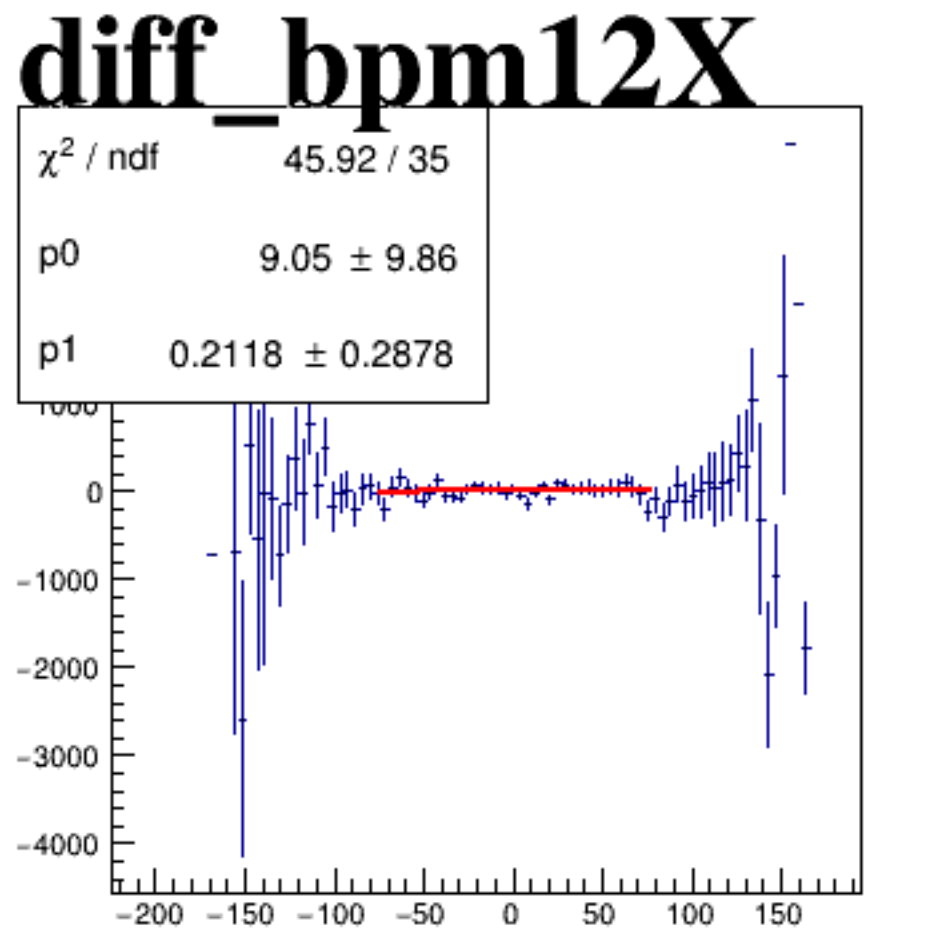
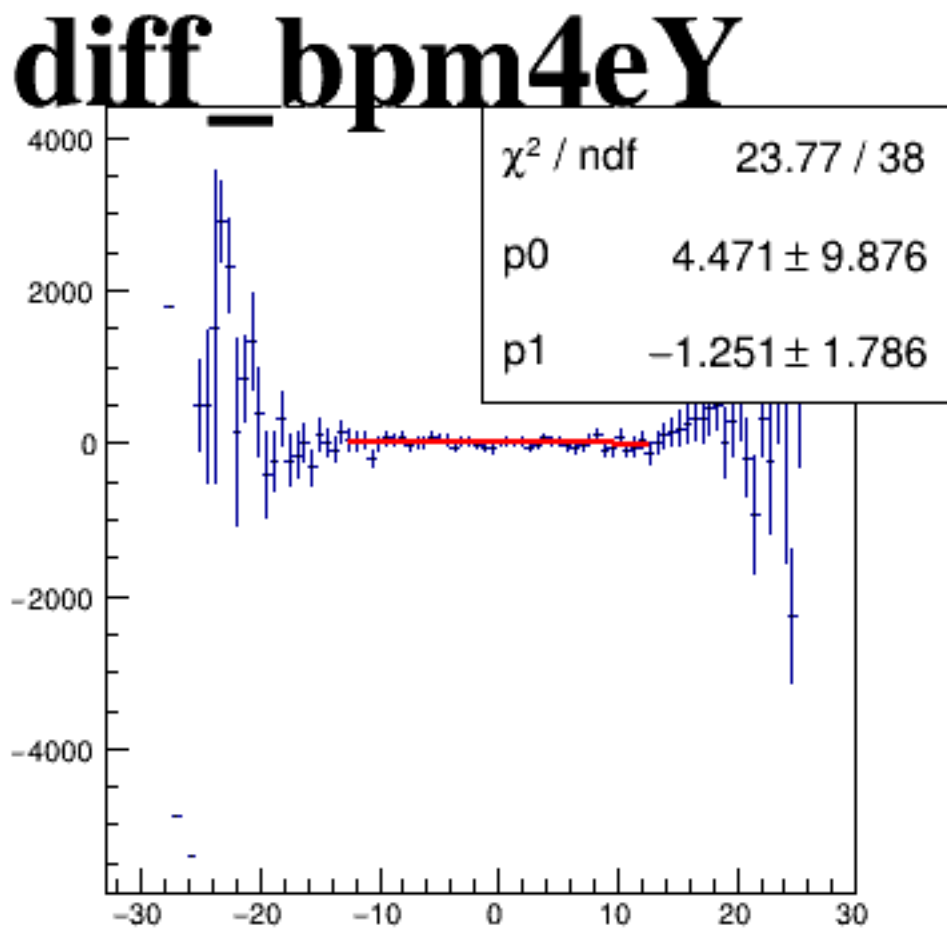
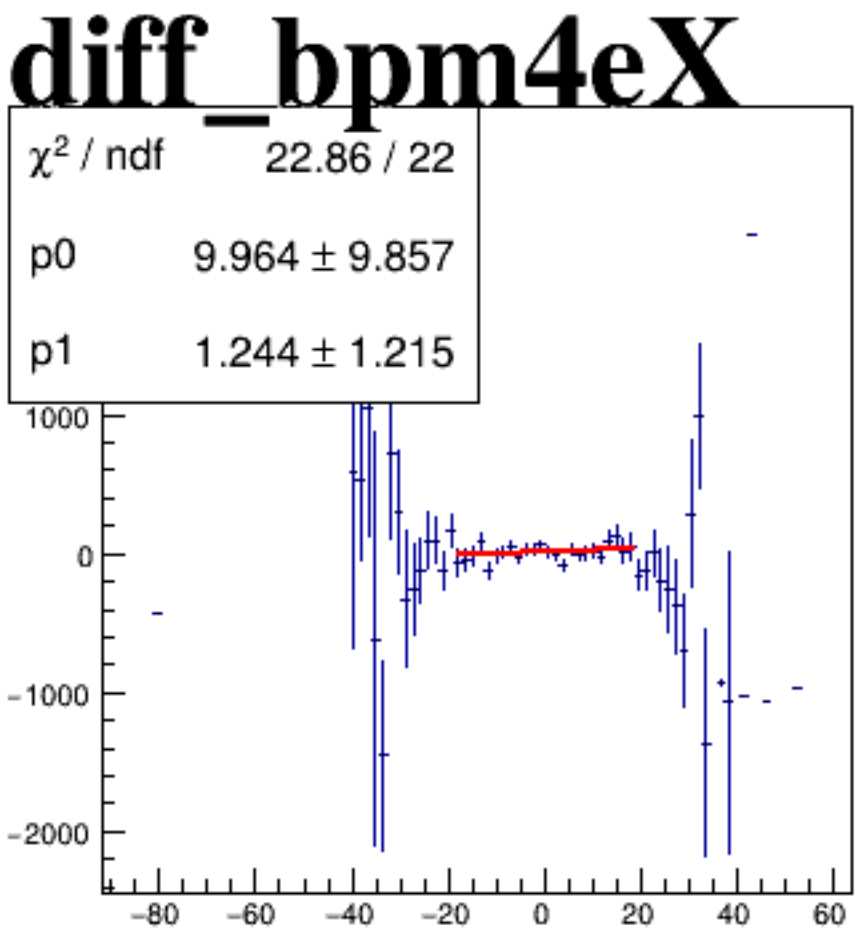
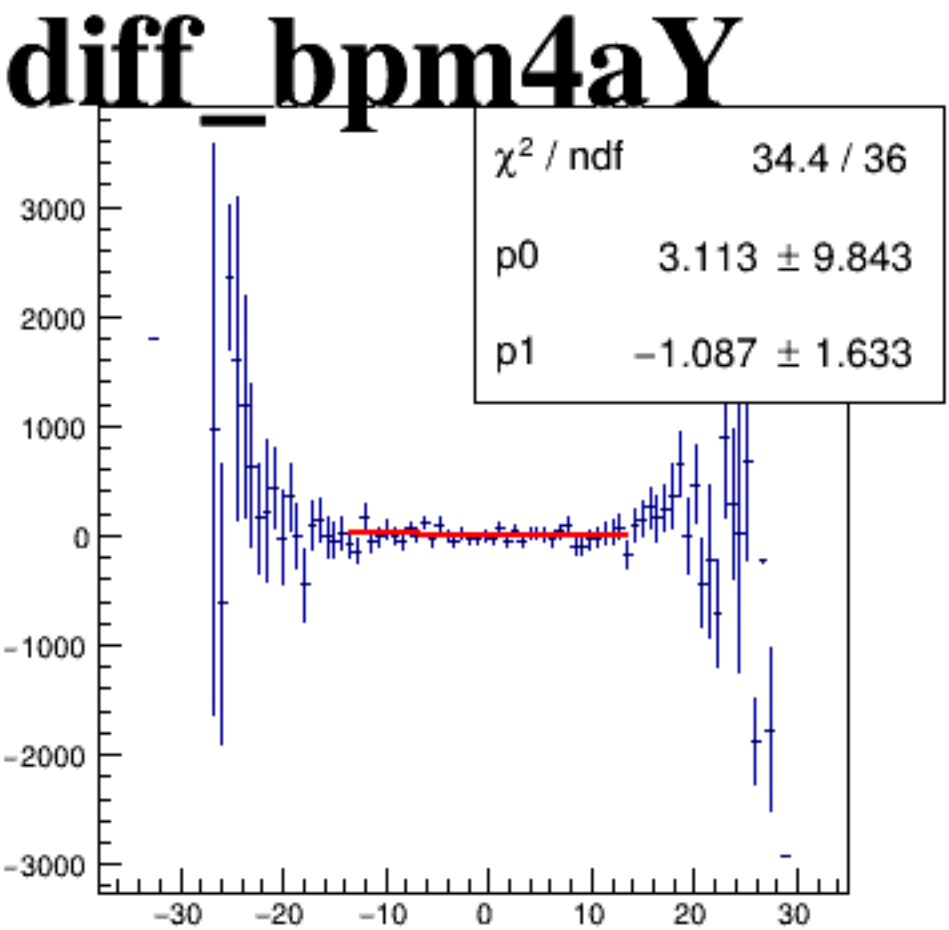
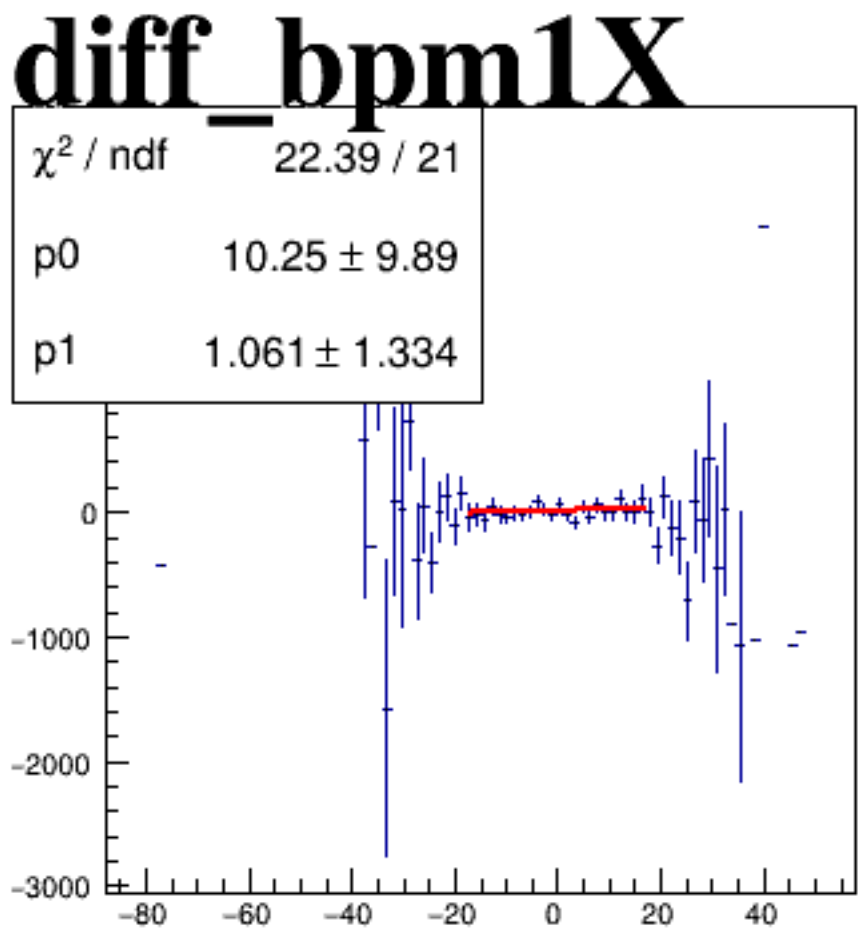
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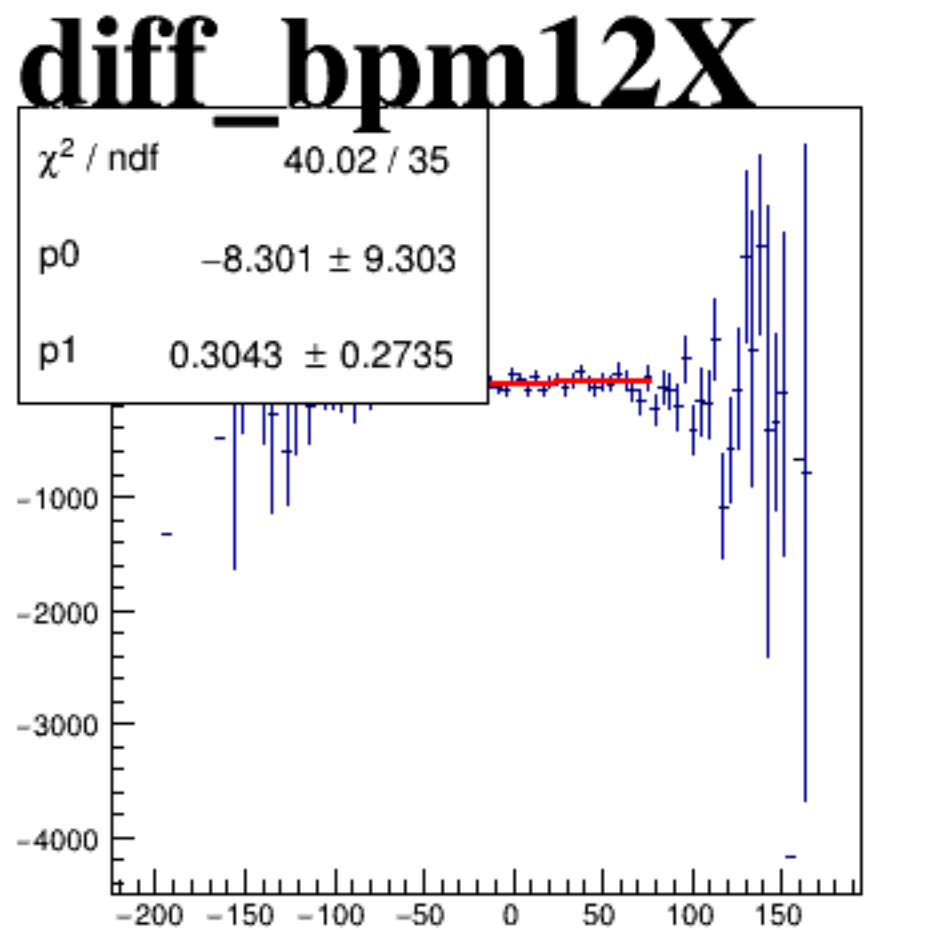
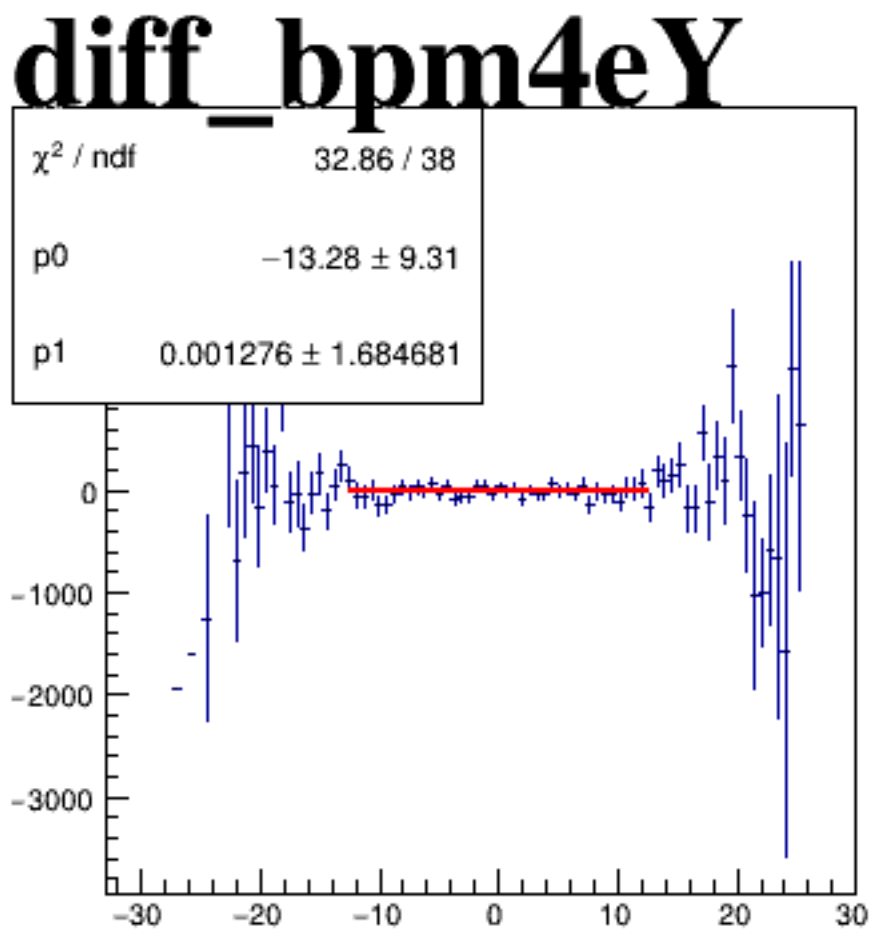
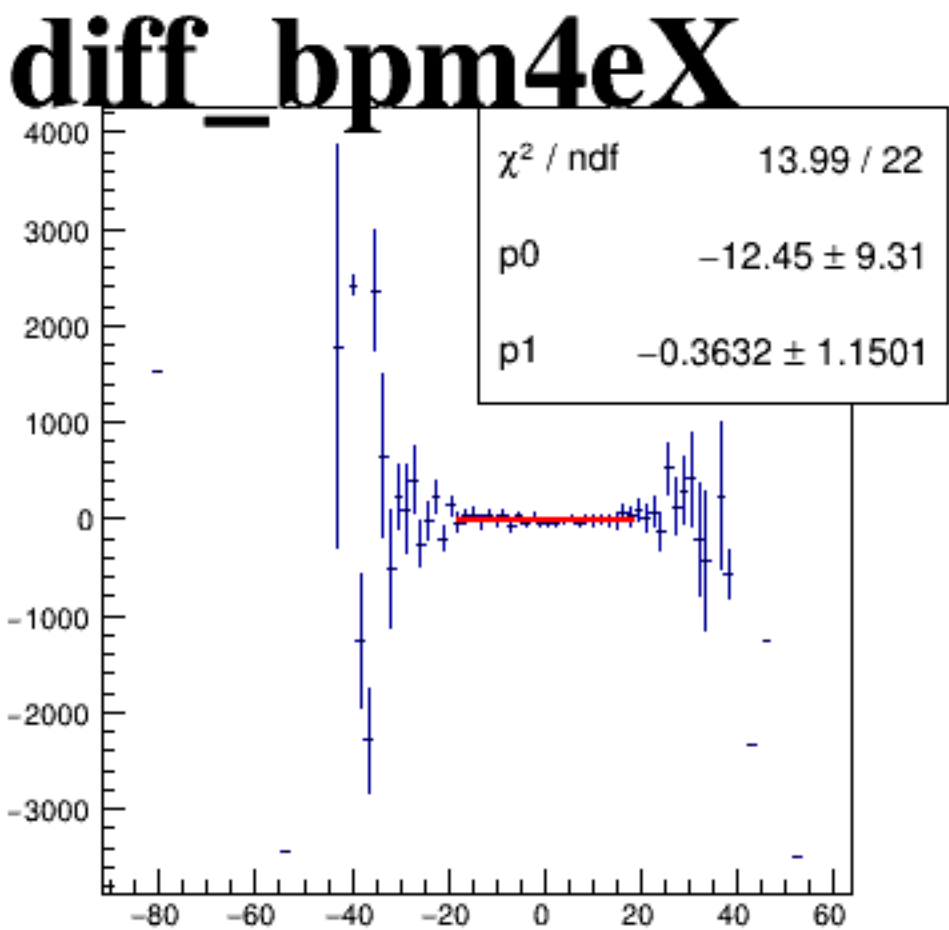
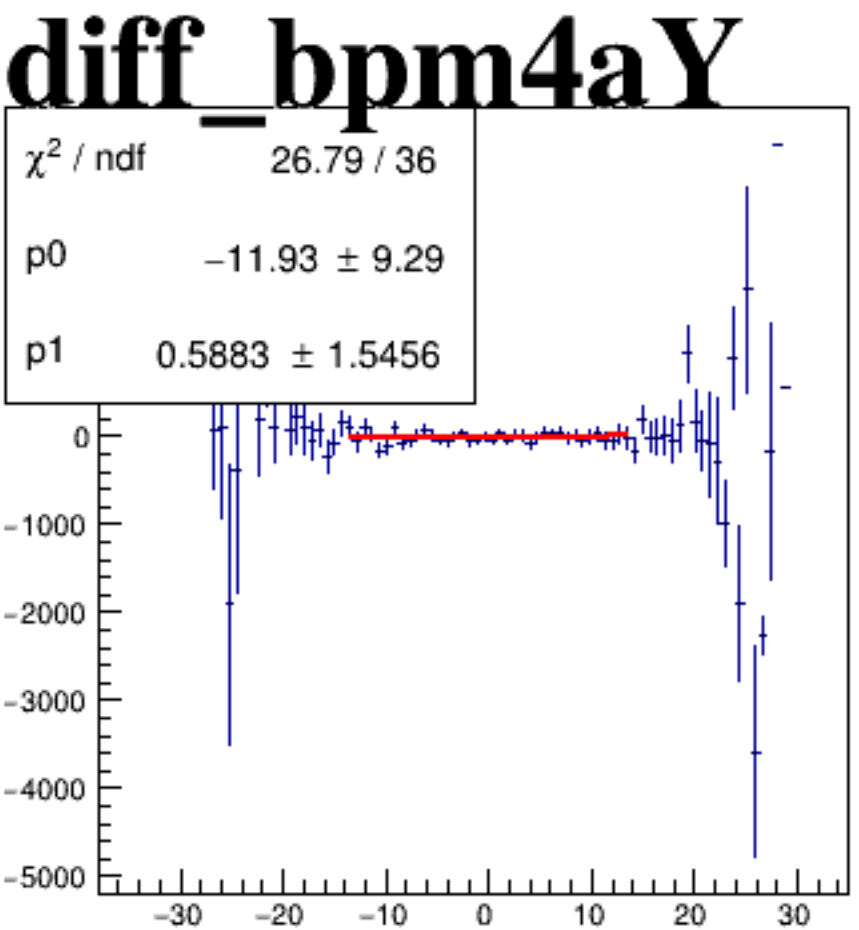
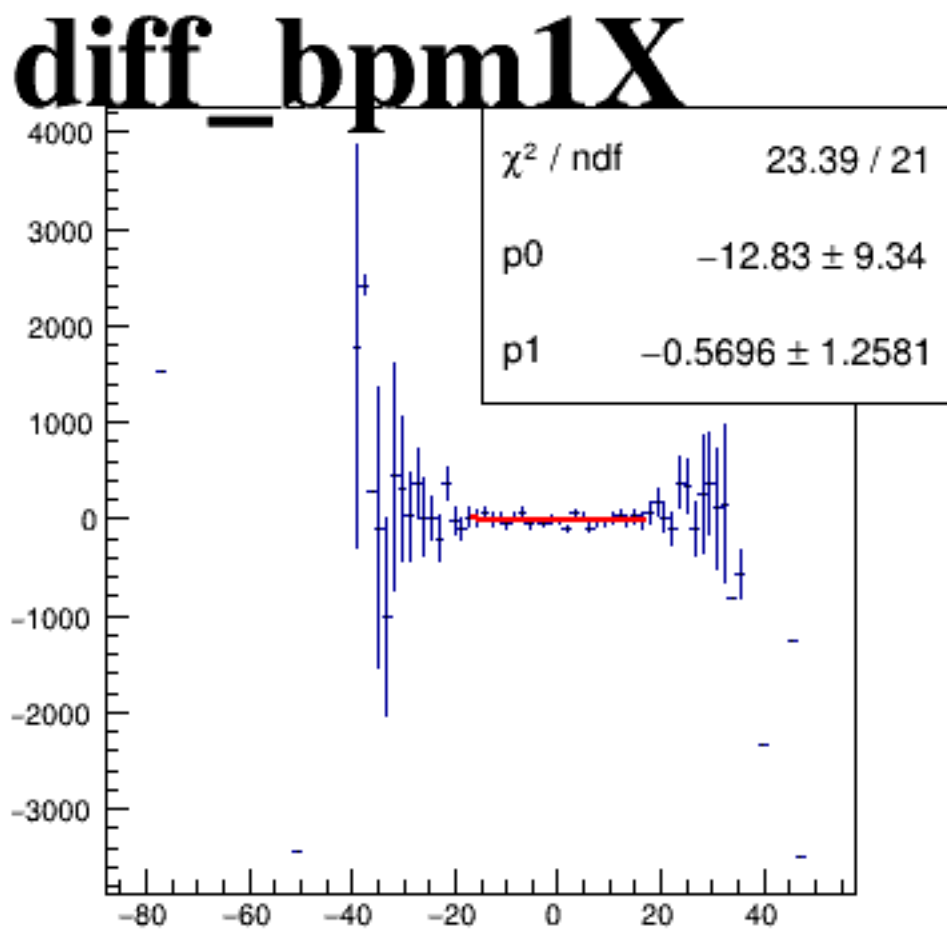
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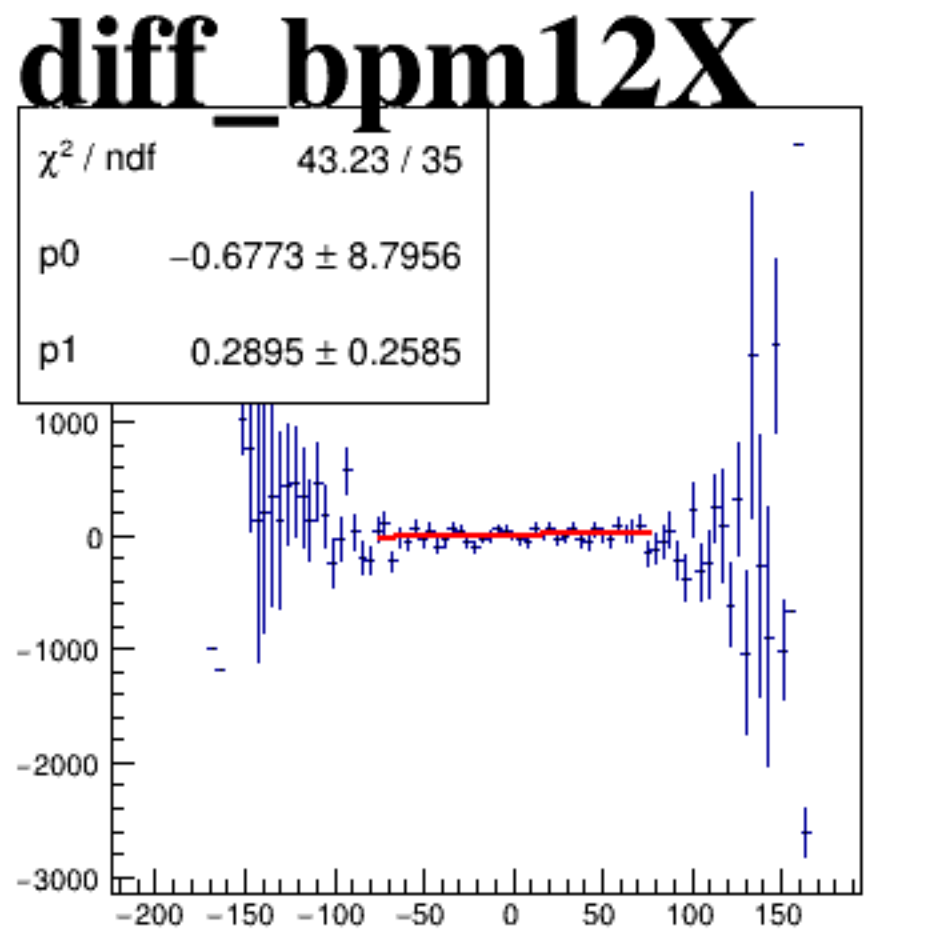
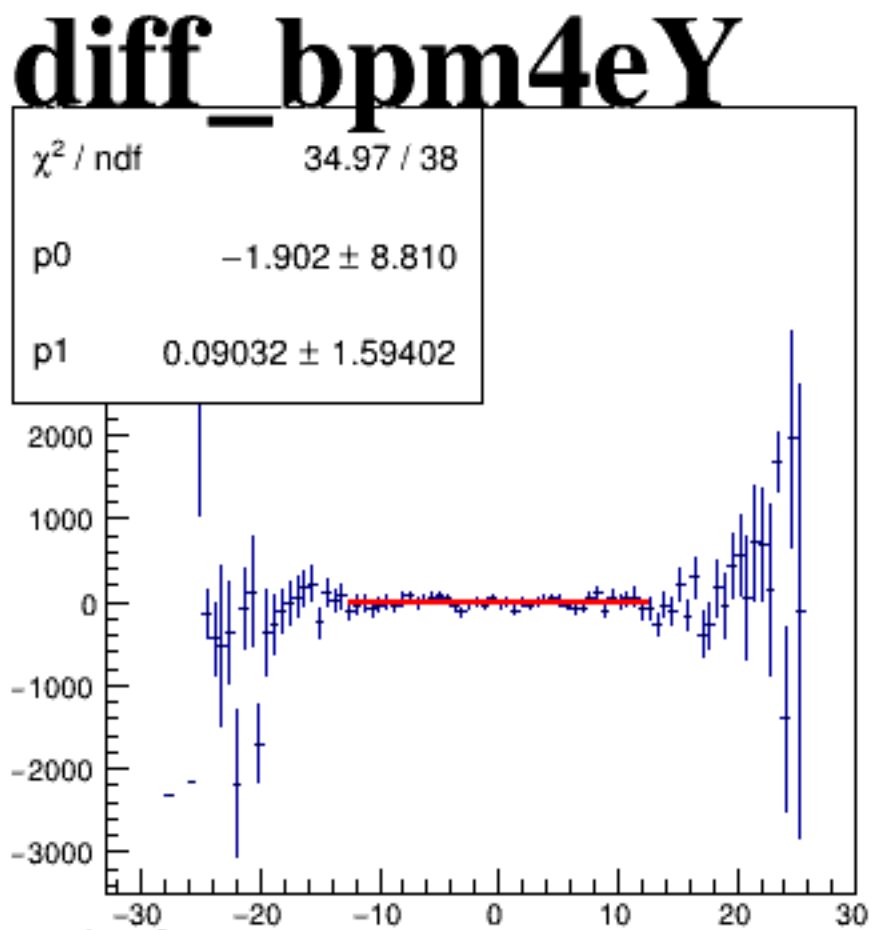
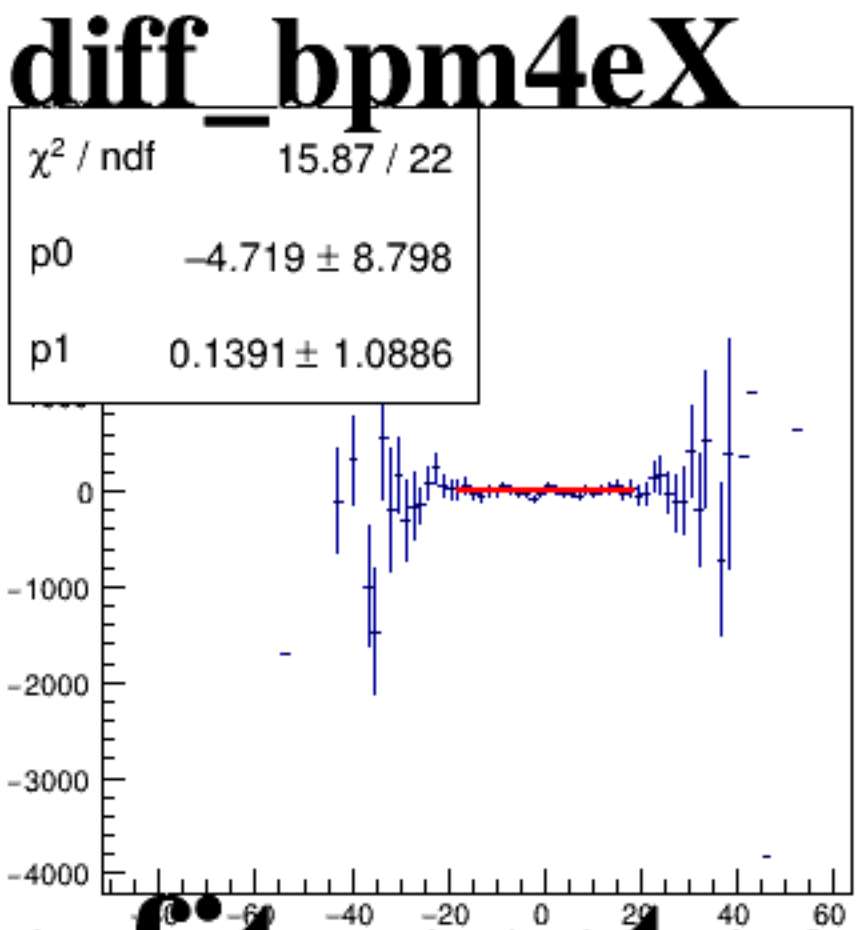
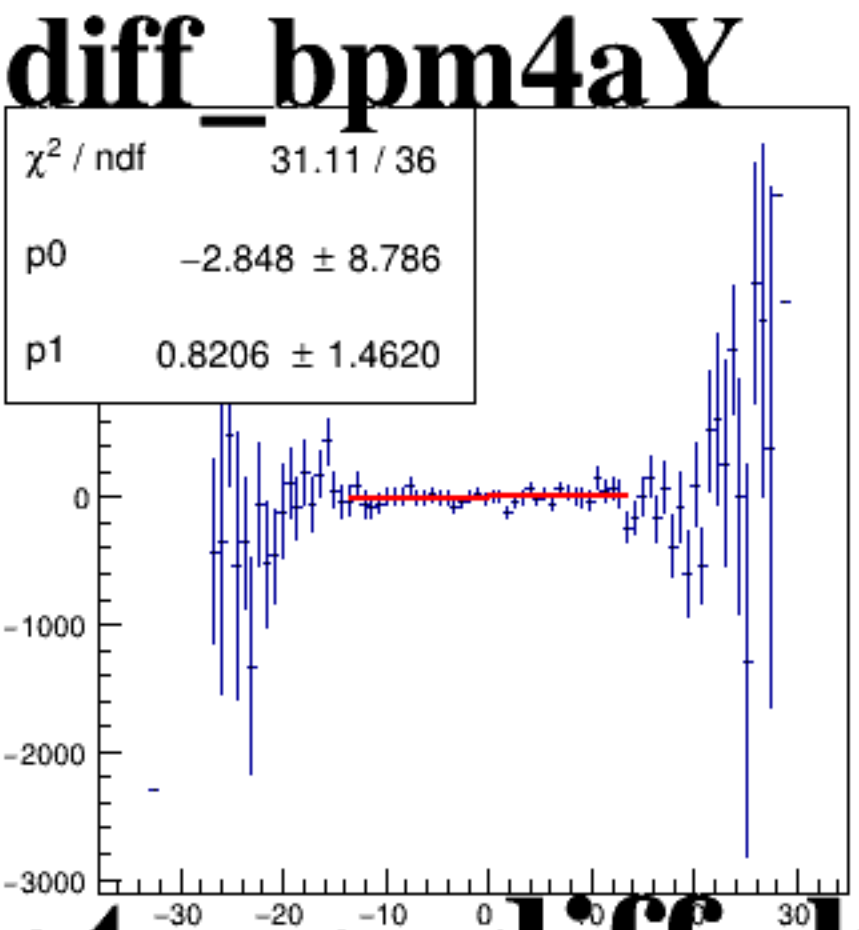
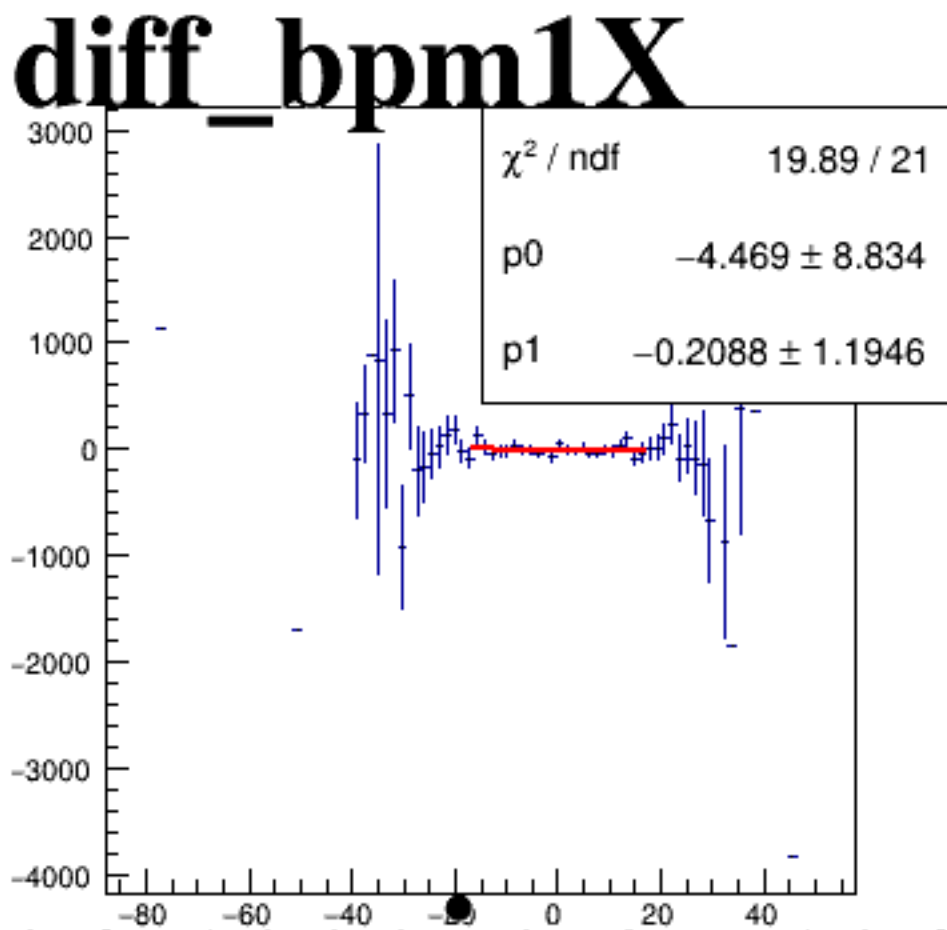
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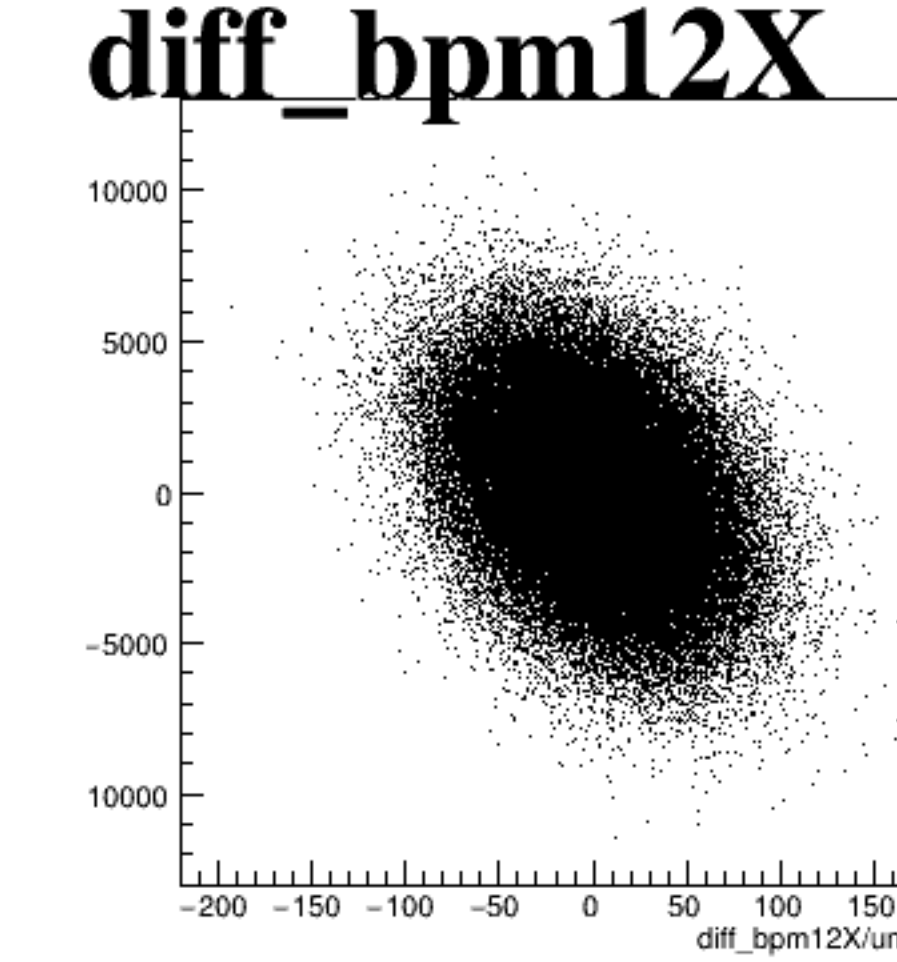
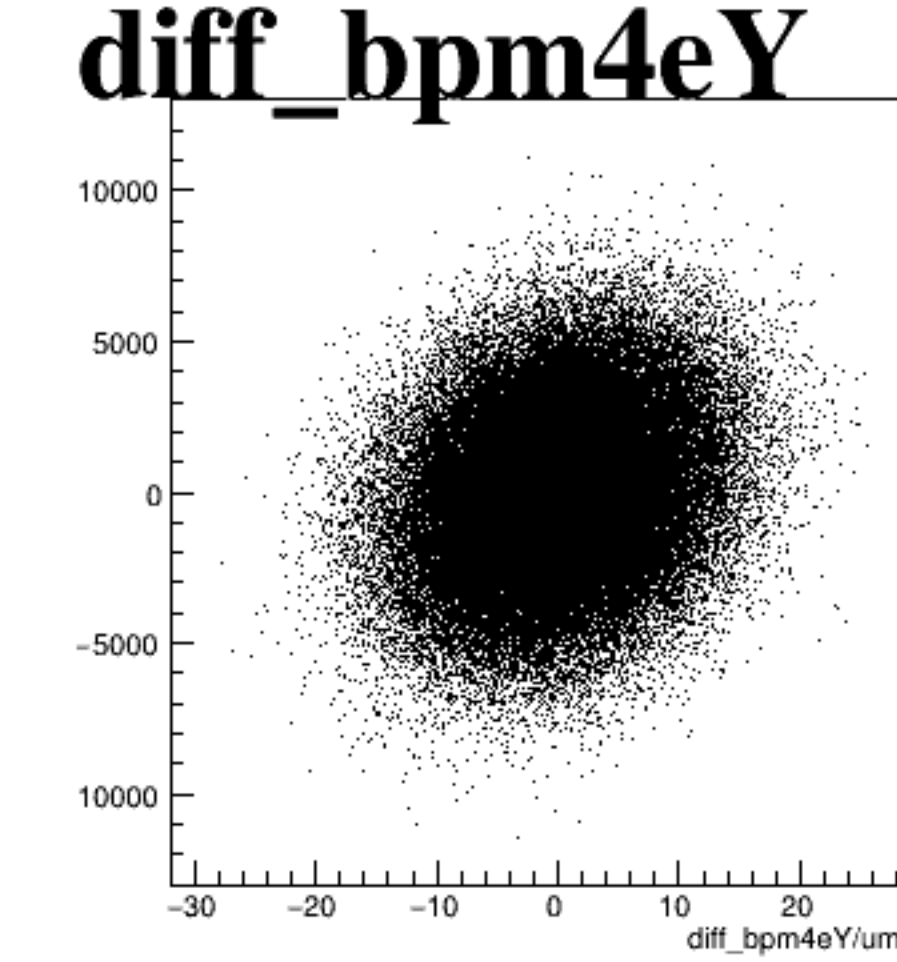
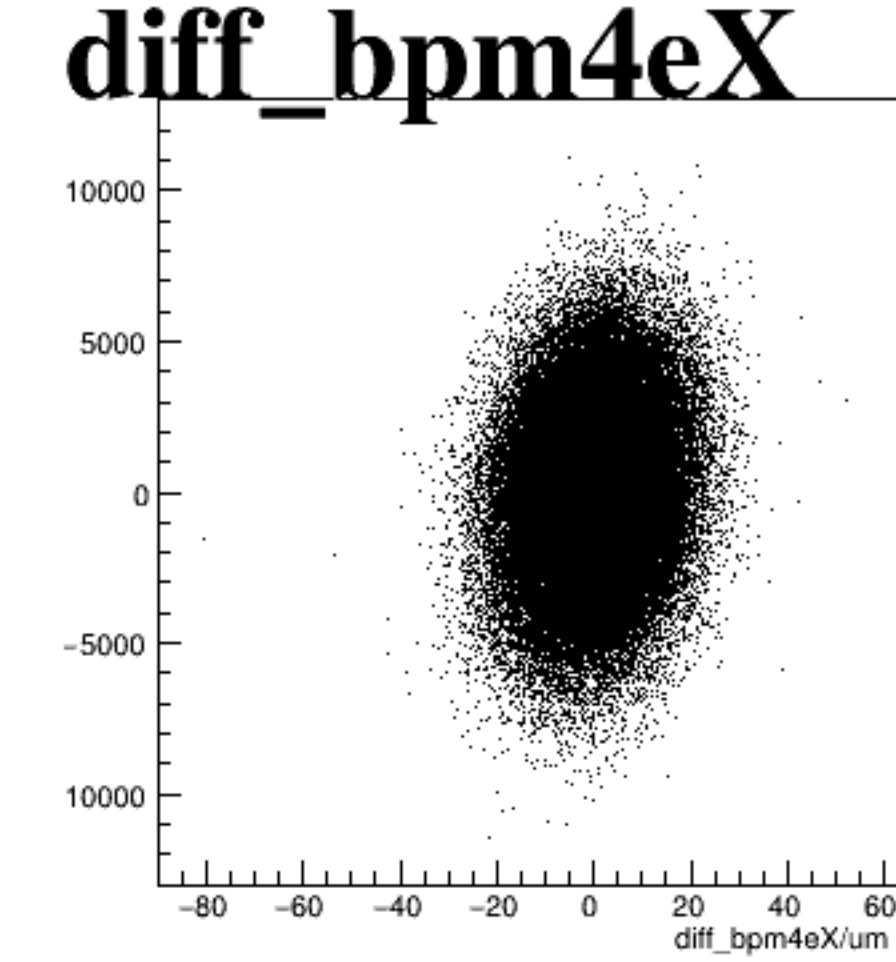
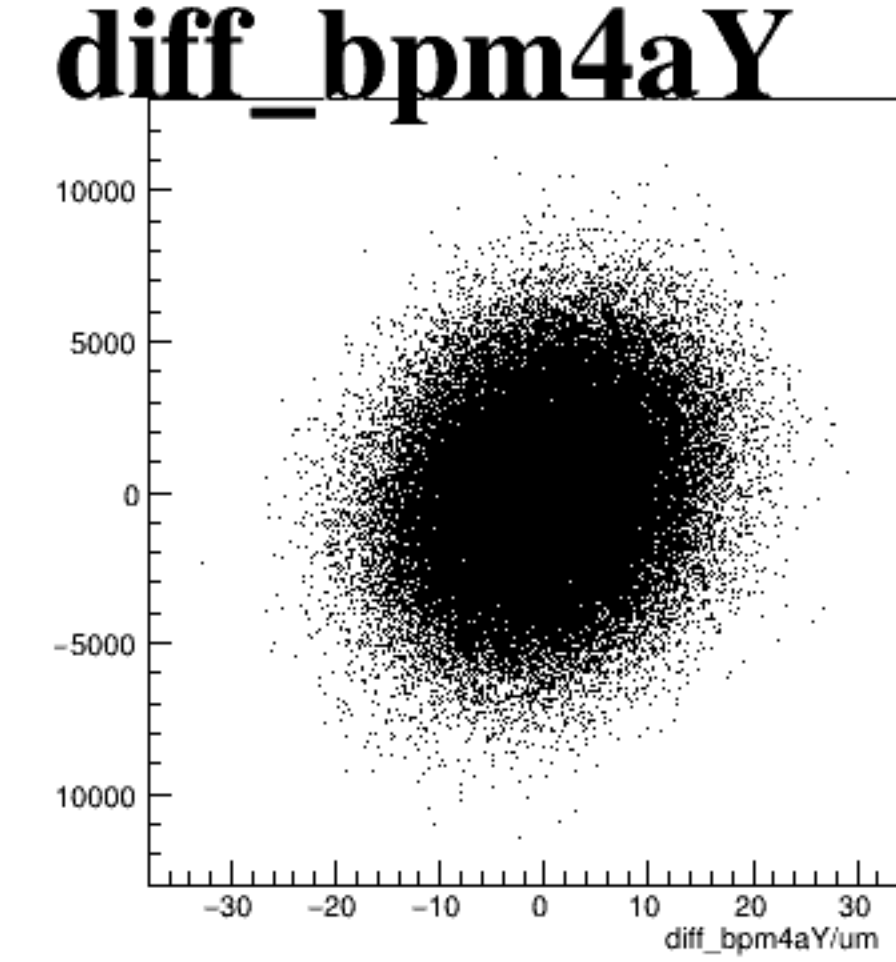
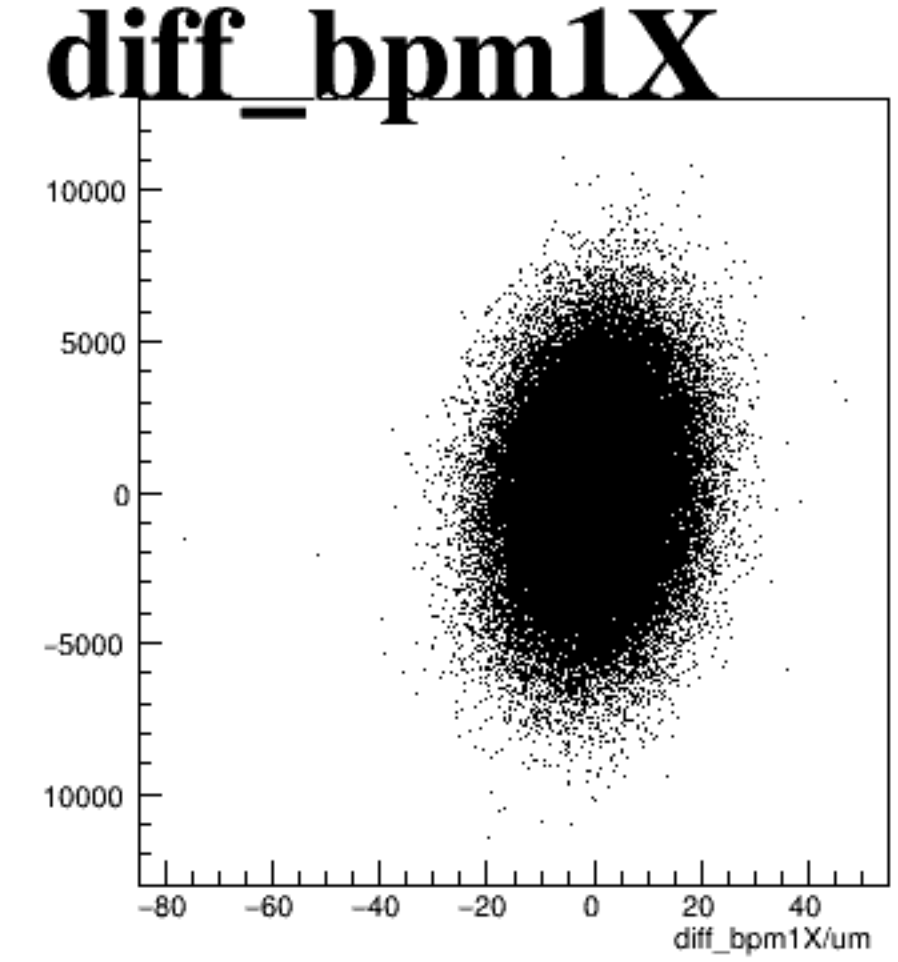
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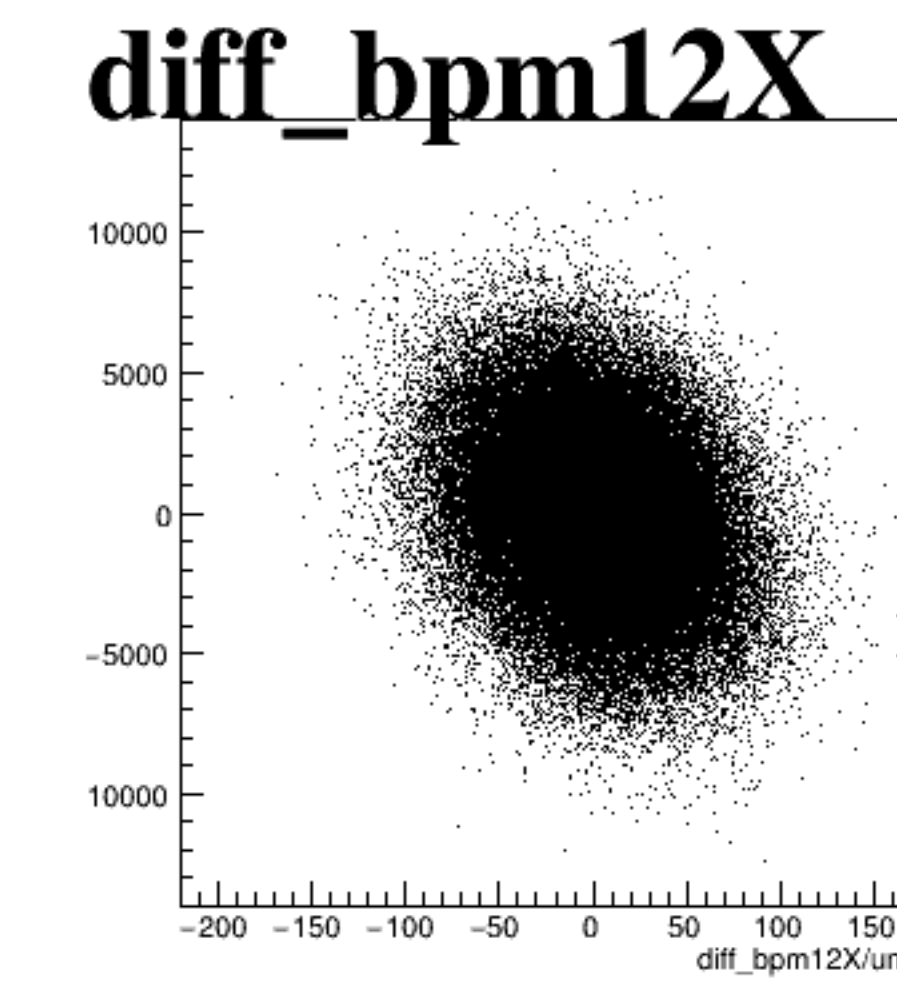
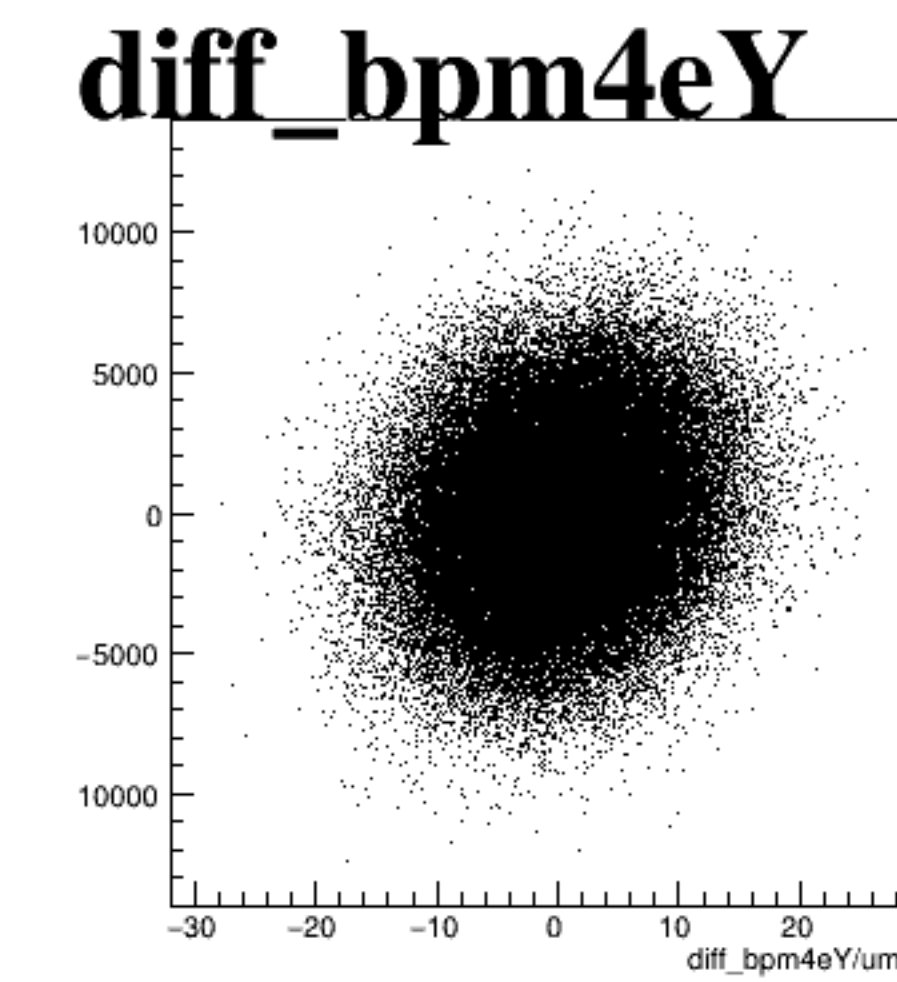
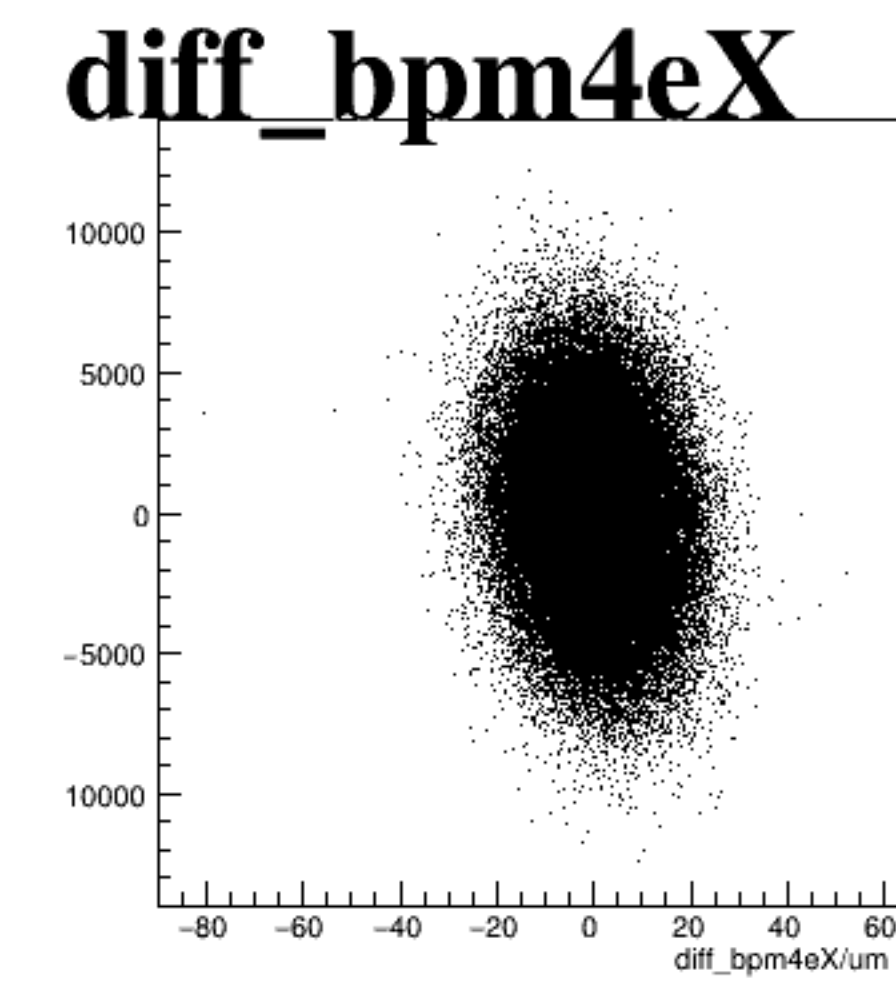
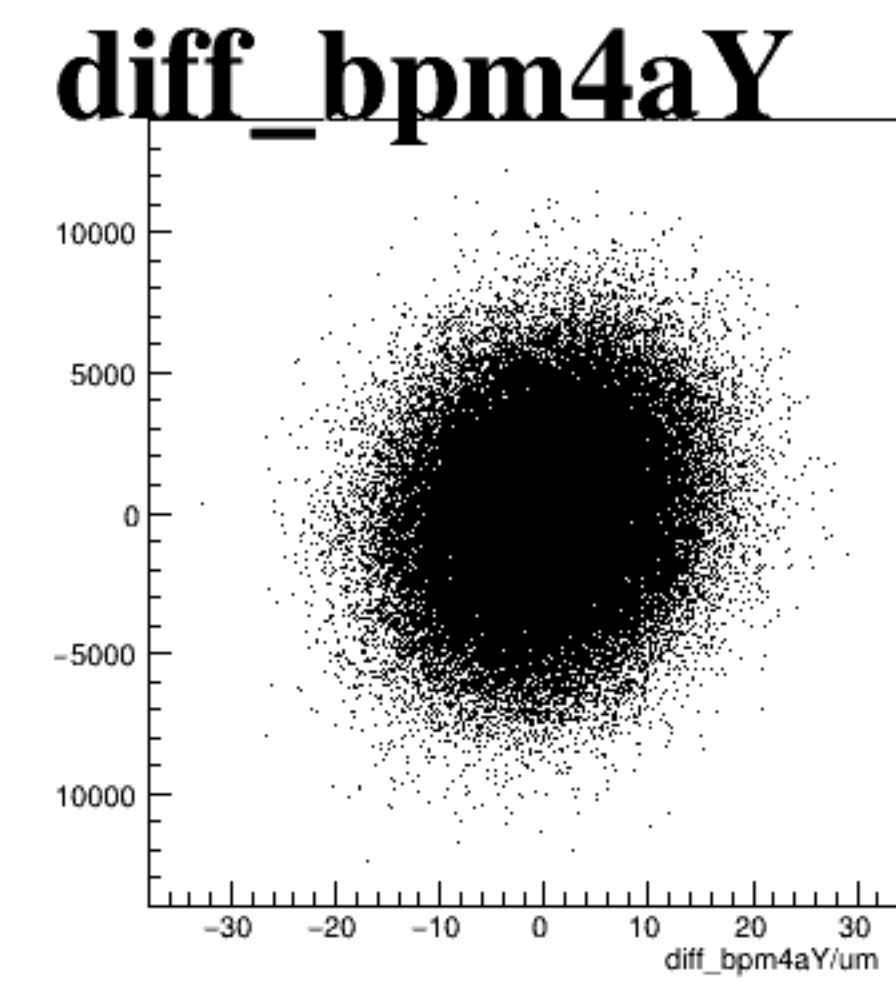
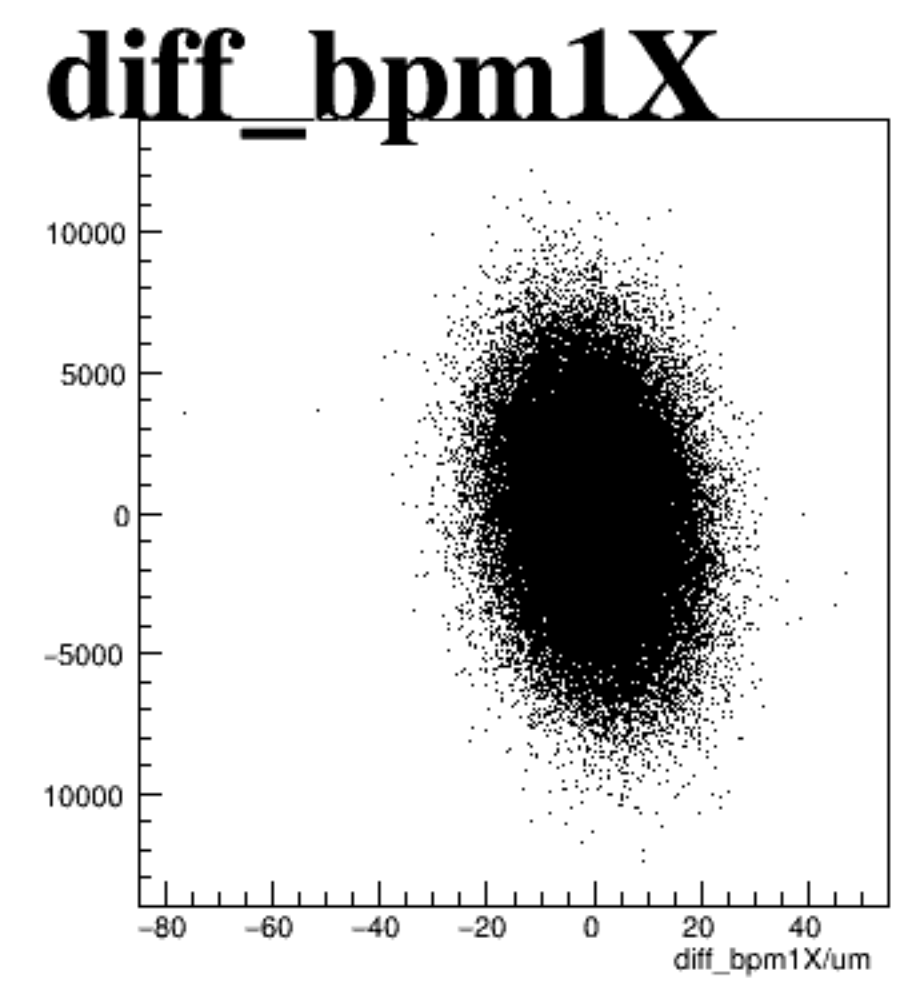
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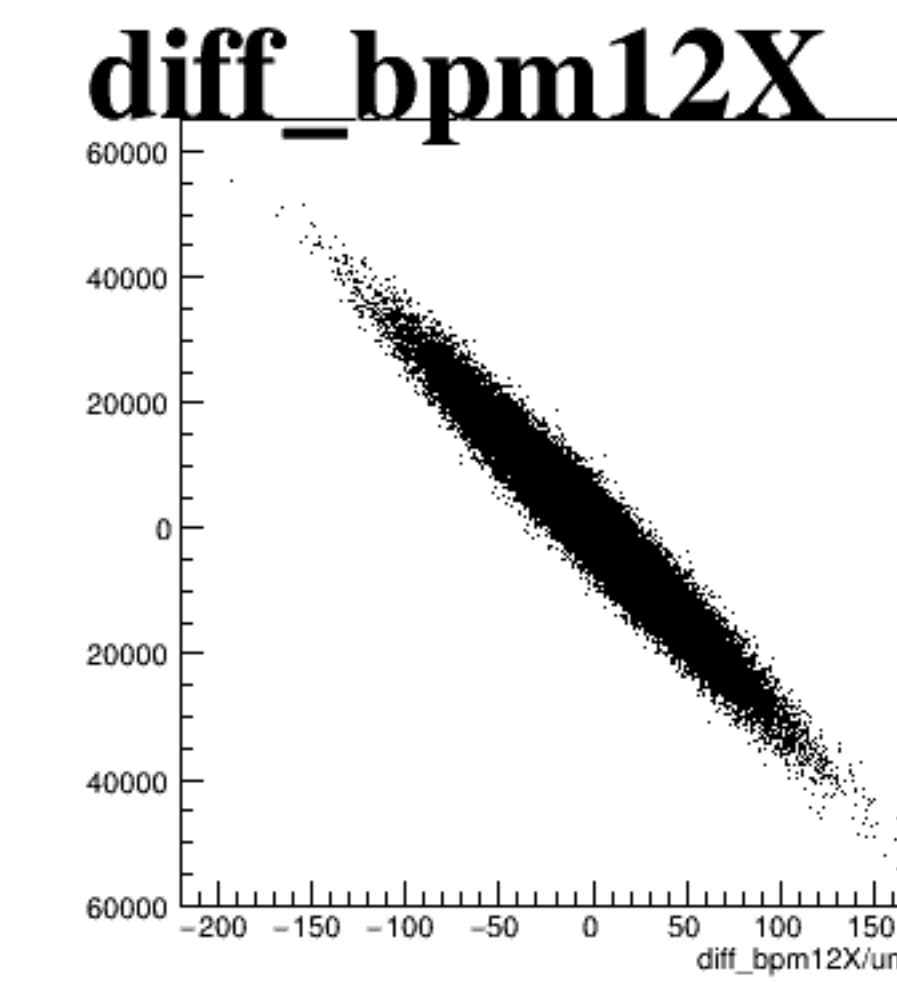
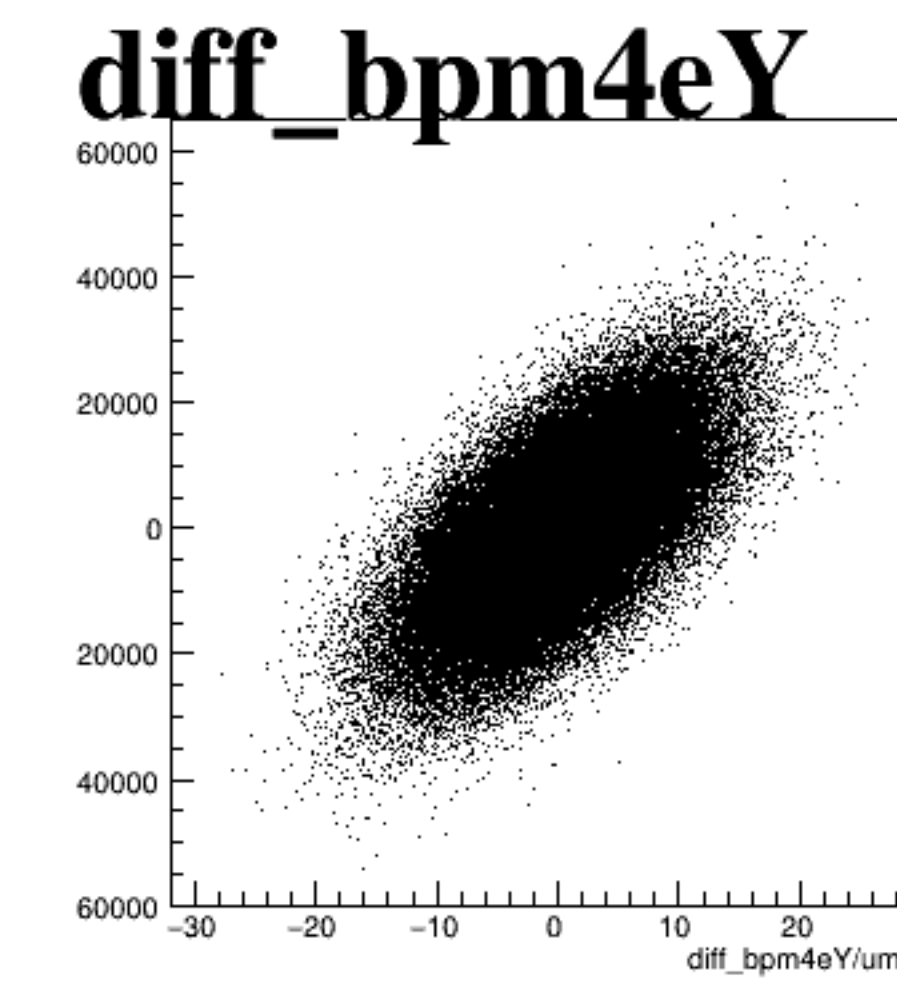
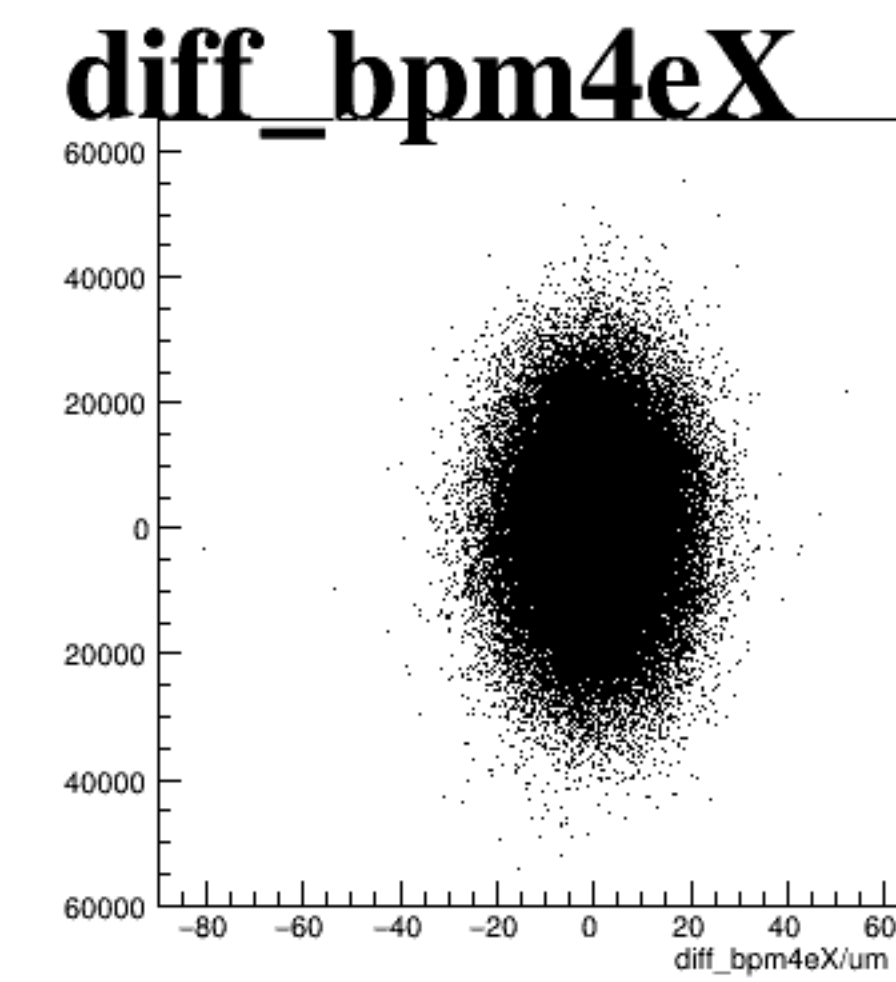
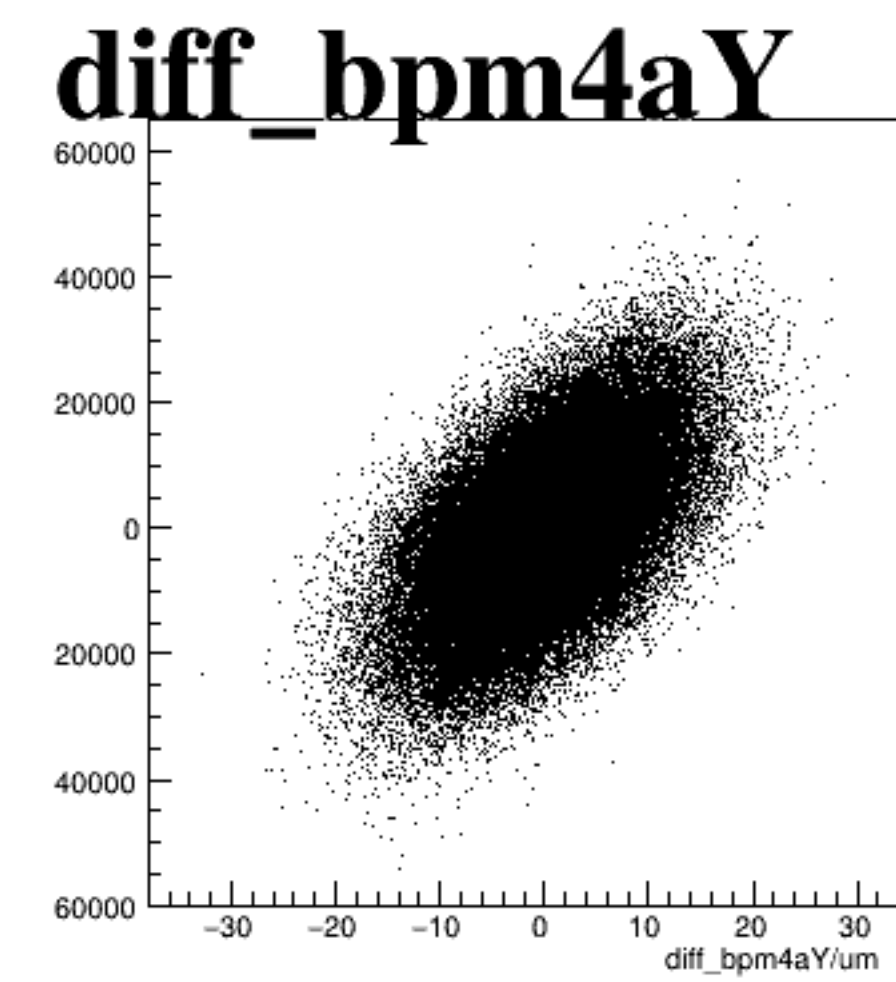
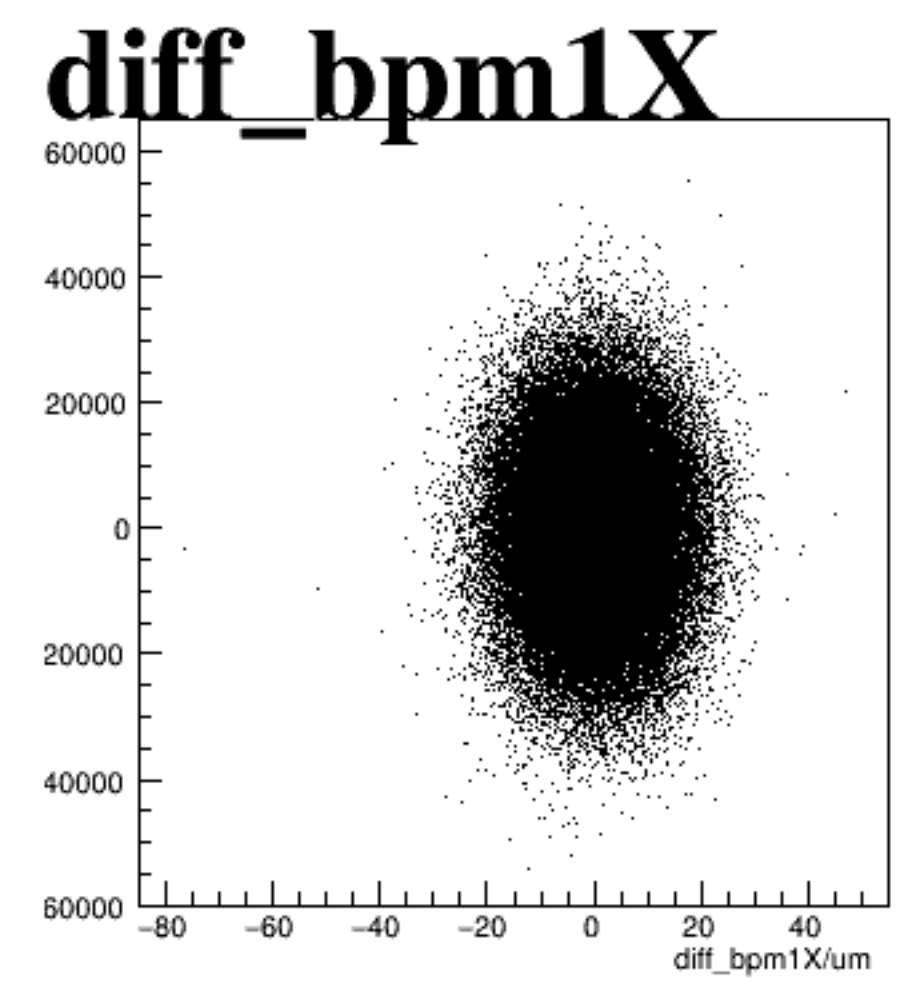
asym_atl1



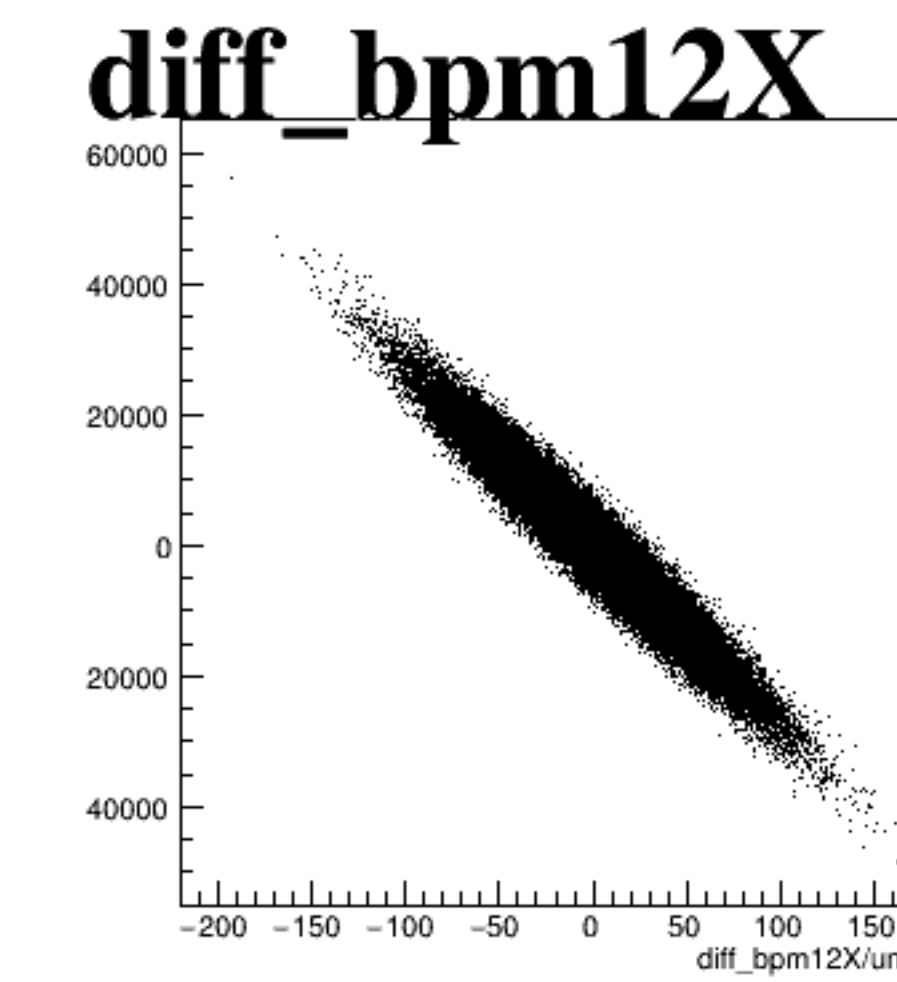
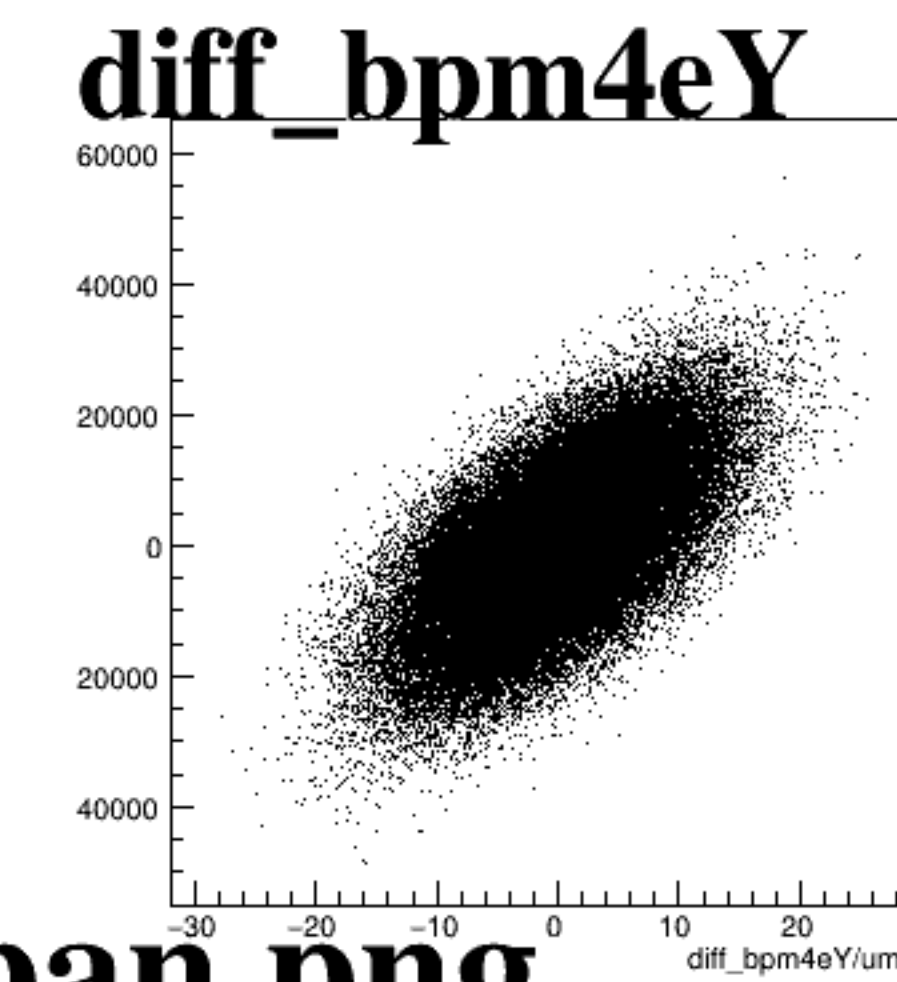
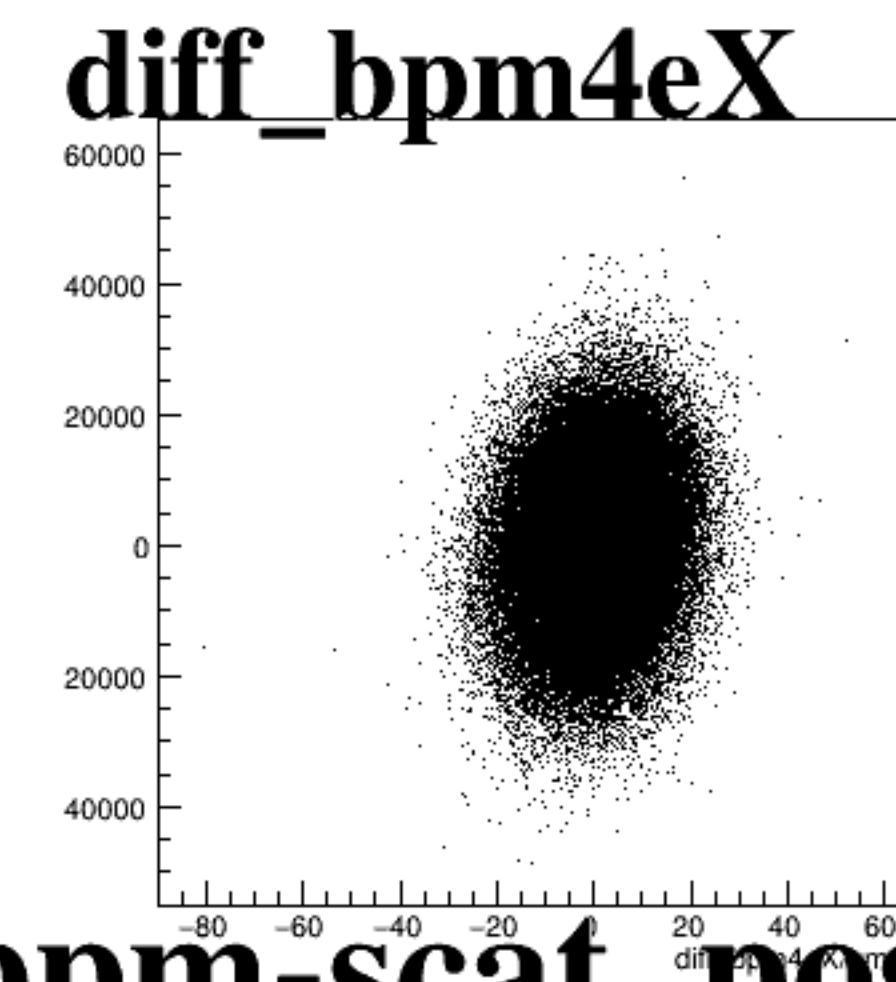
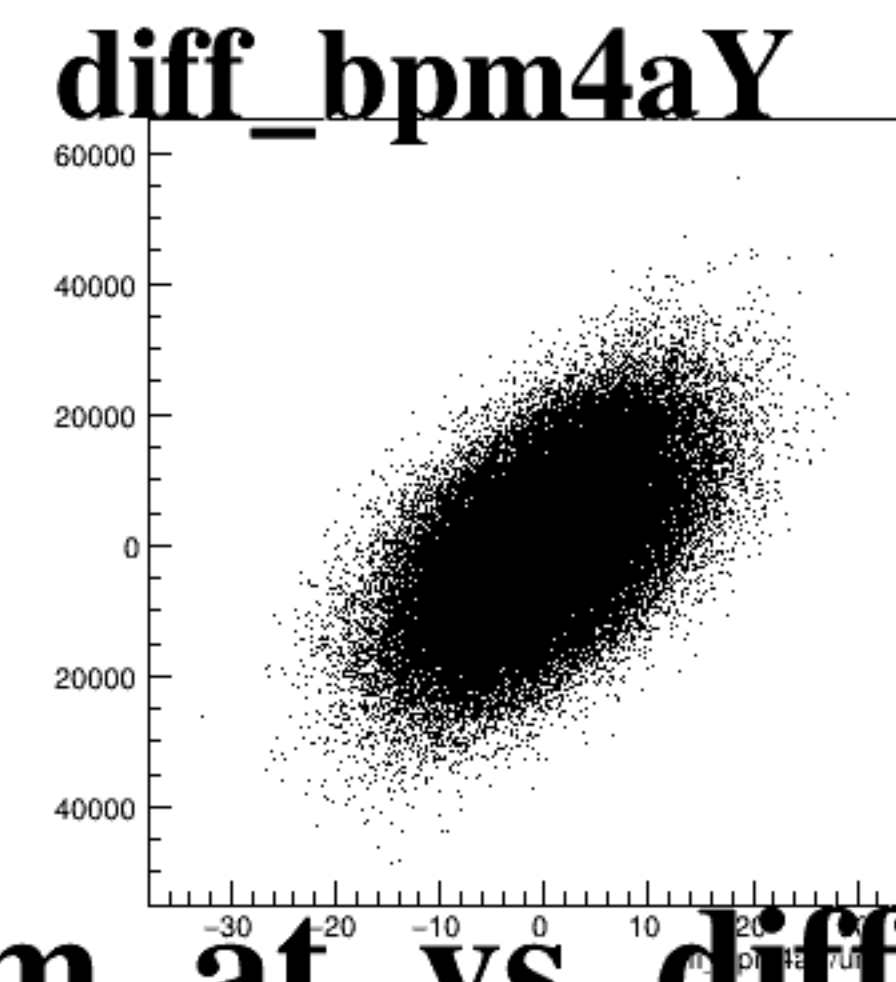
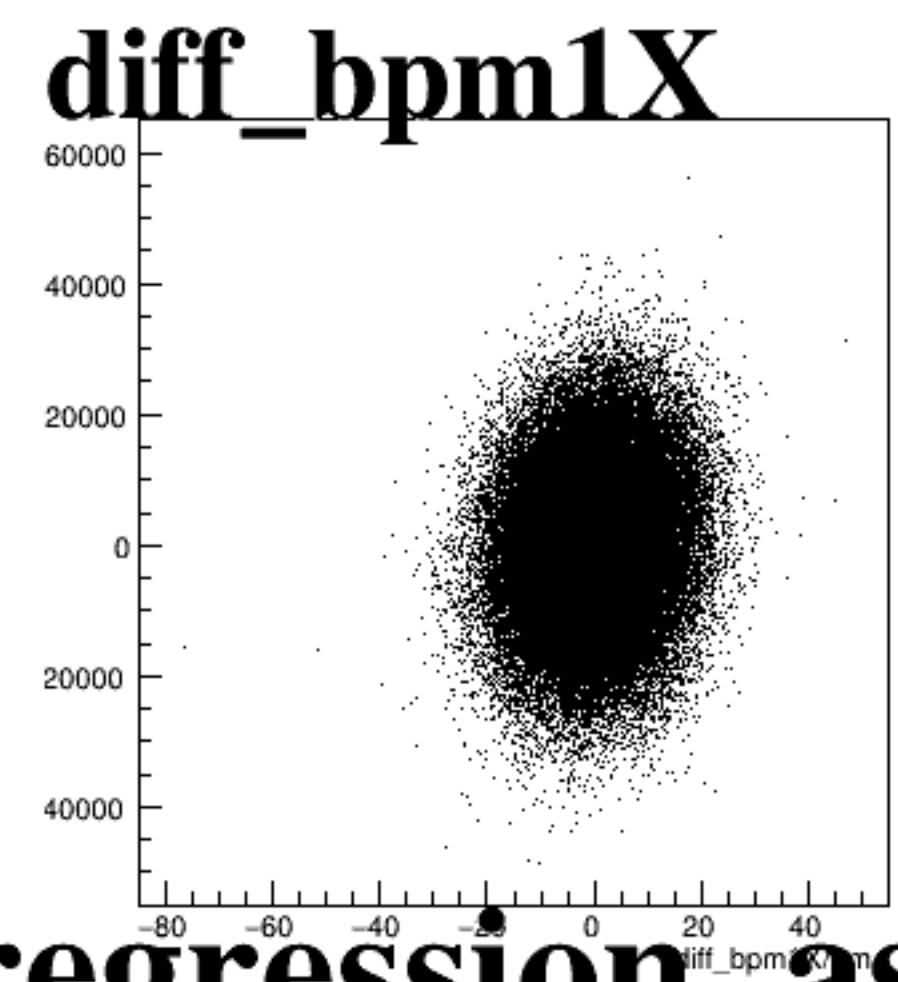
asym_atr1



asym_atl2



asym_atr2



The figure displays five scatter plots, each representing the distribution of difference coordinates for a specific BPM. The y-axis for all plots ranges from -10000 to 10000. The x-axis ranges are: -80 to 40 for **diff_bpm1X**, -30 to 30 for **diff_bpm4aY**, -80 to 60 for **diff_bpm4eX**, -30 to 30 for **diff_bpm4eY**, and -200 to 150 for **diff_bpm12X**. All plots show a dense, roughly circular cloud of points centered at the origin.

The figure displays five scatter plots, each representing the difference in BPM (diff_bpm) for a specific beam parameter. The y-axis for all plots is labeled 'diff_bpm' and ranges from -10000 to 10000. The x-axis for each plot is labeled with the parameter name and 'um' (micrometers).

- diff_bpm1X**: The x-axis ranges from -80 to 40 um.
- diff_bpm4aY**: The x-axis ranges from -30 to 30 um.
- diff_bpm4eX**: The x-axis ranges from -80 to 60 um.
- diff_bpm4eY**: The x-axis ranges from -30 to 30 um.
- diff_bpm12X**: The x-axis ranges from -200 to 150 um.

In all plots, the data points are tightly clustered around the zero line on the y-axis, indicating that the difference between the regression and scatter methods is generally small across the range of parameters shown.