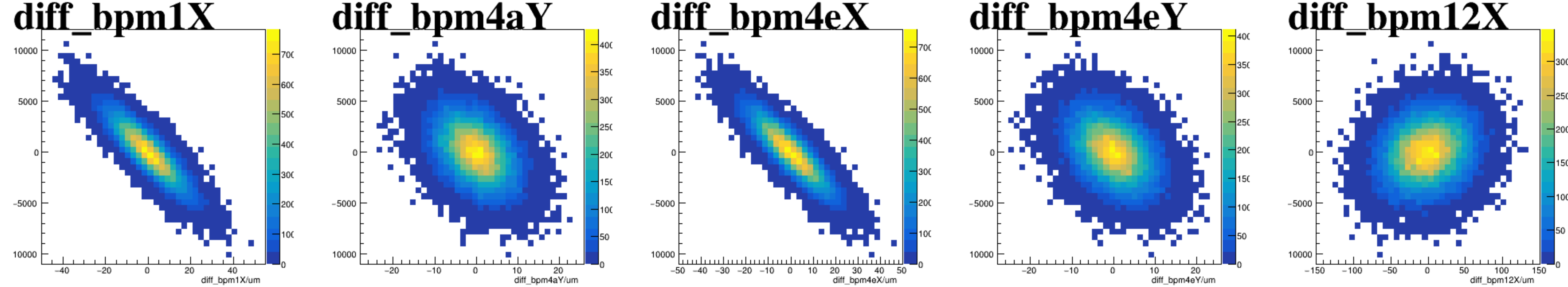
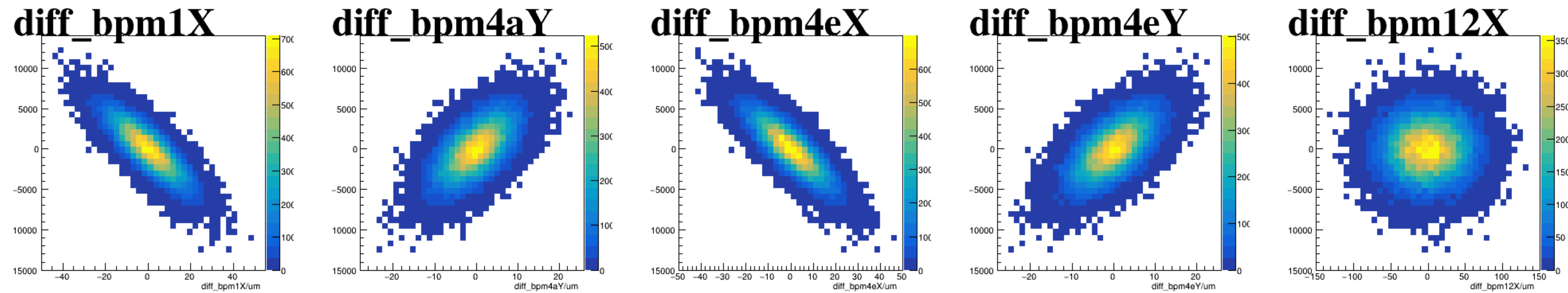


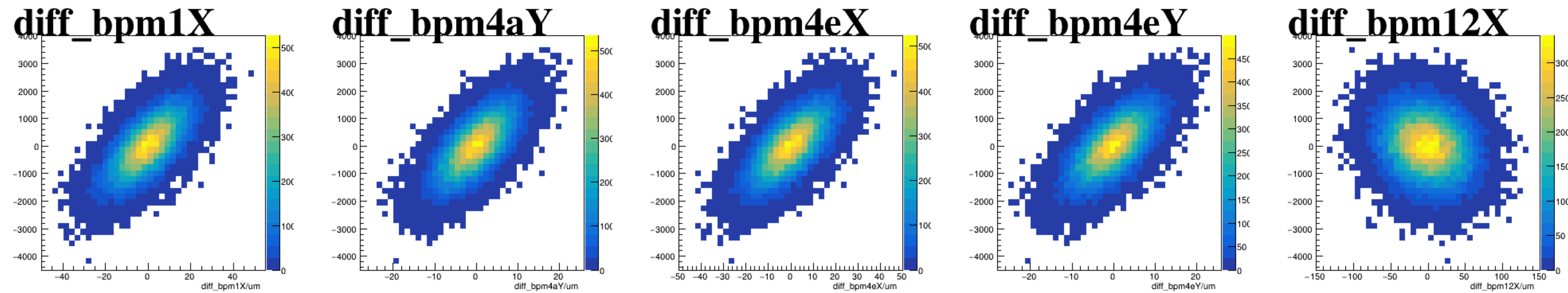
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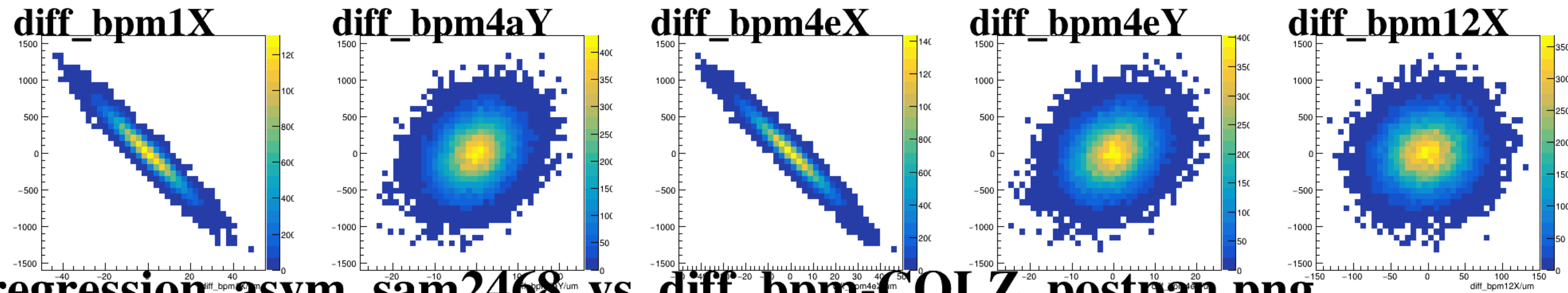
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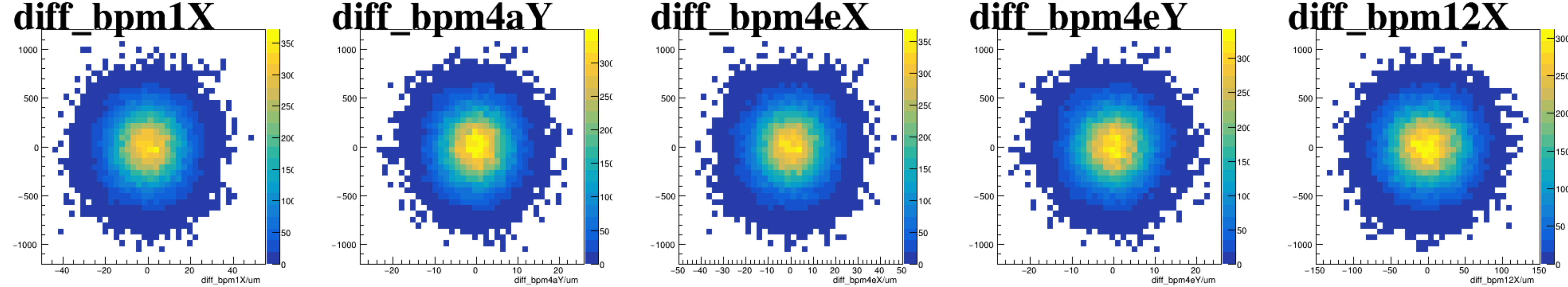
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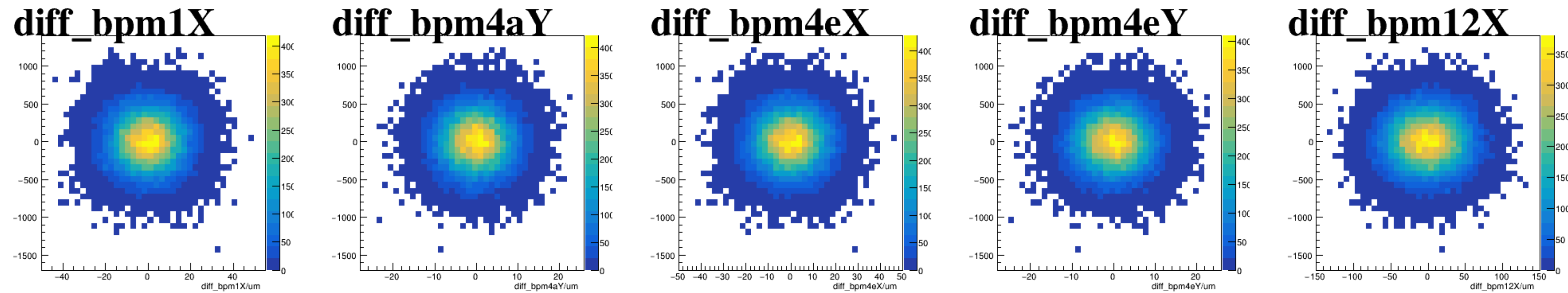
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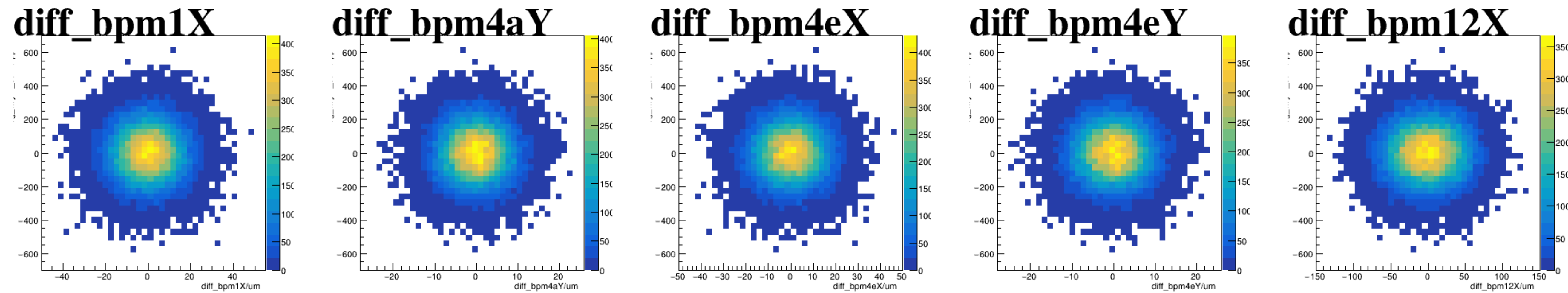
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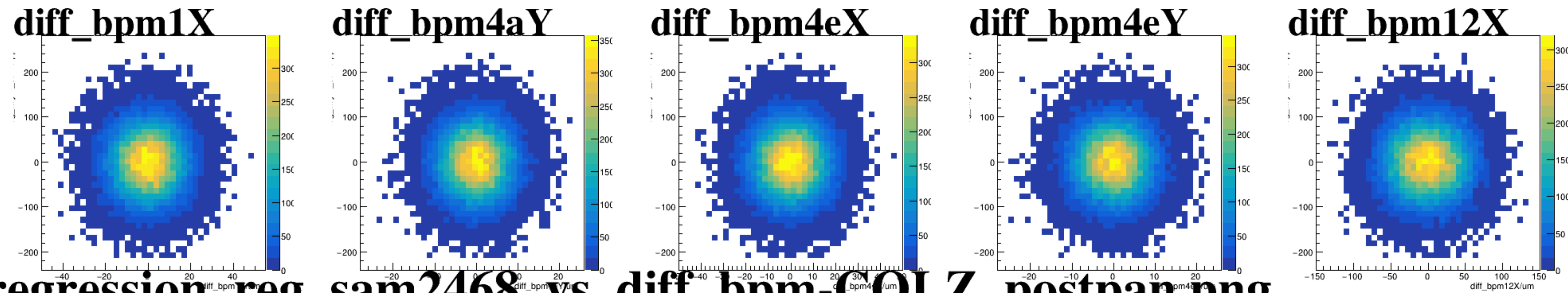
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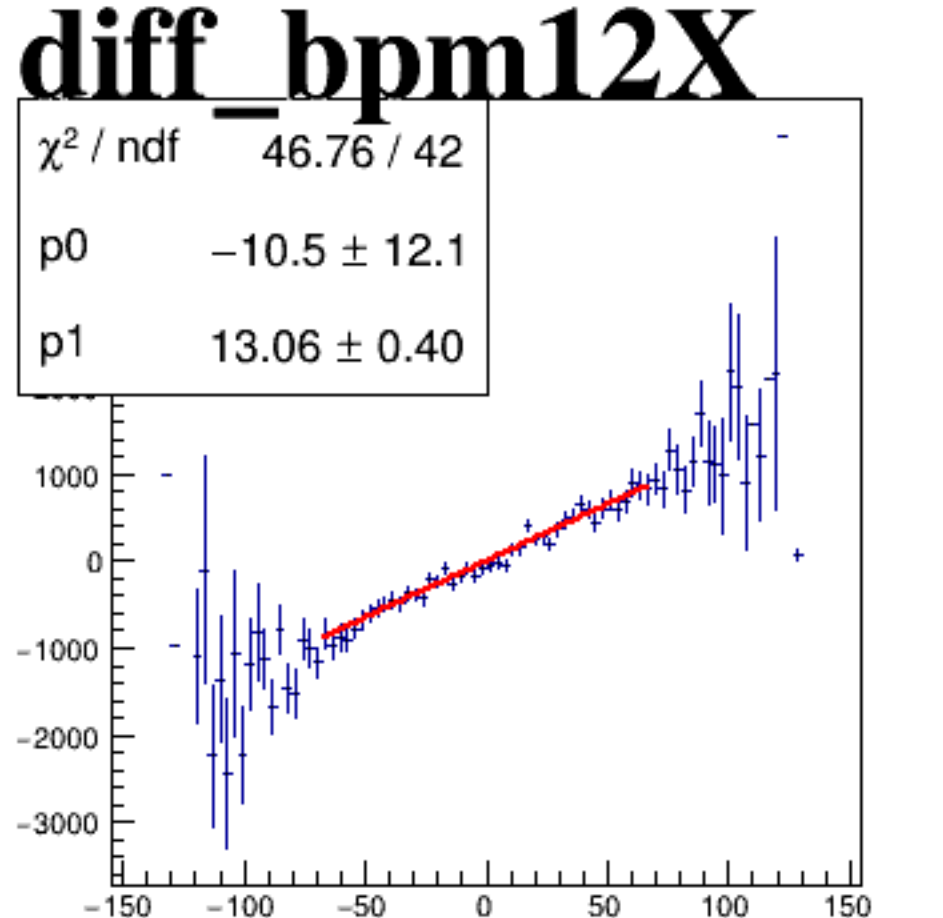
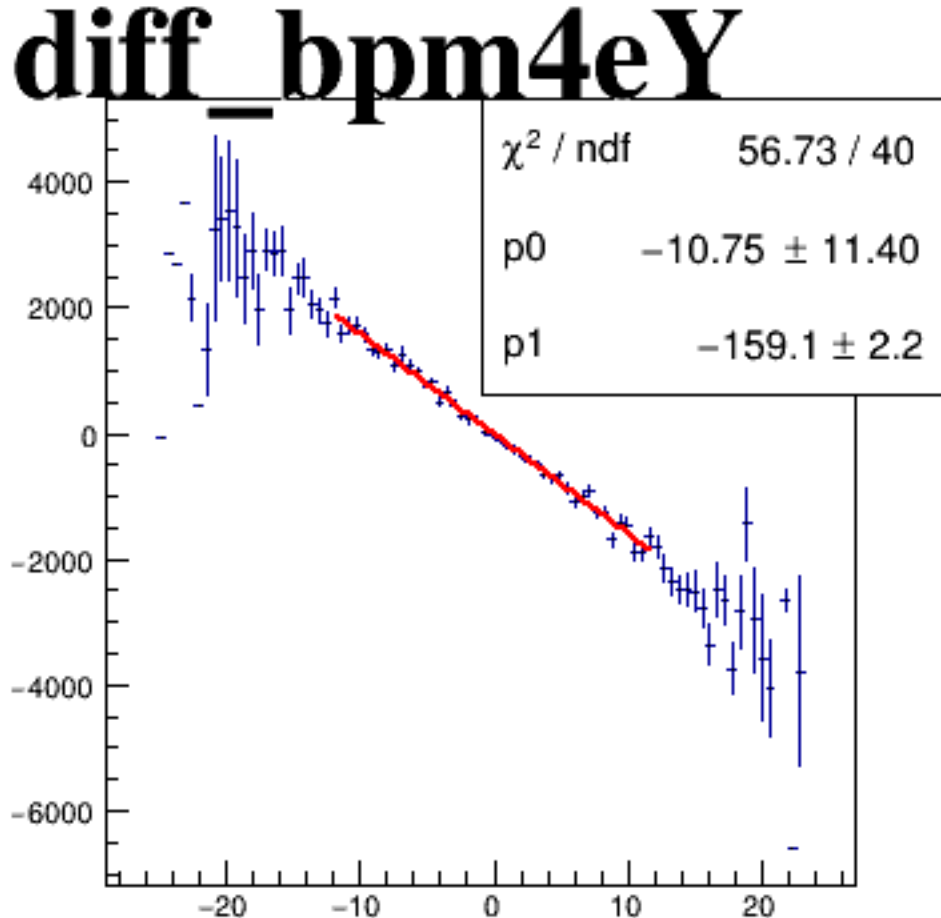
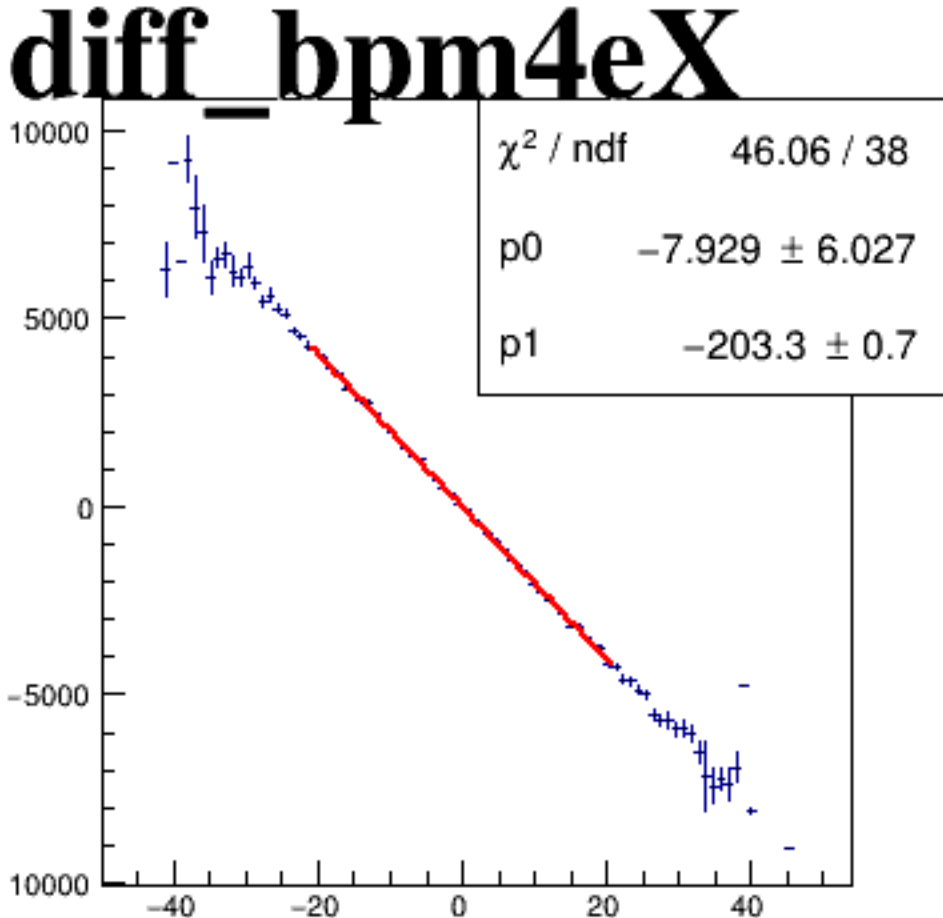
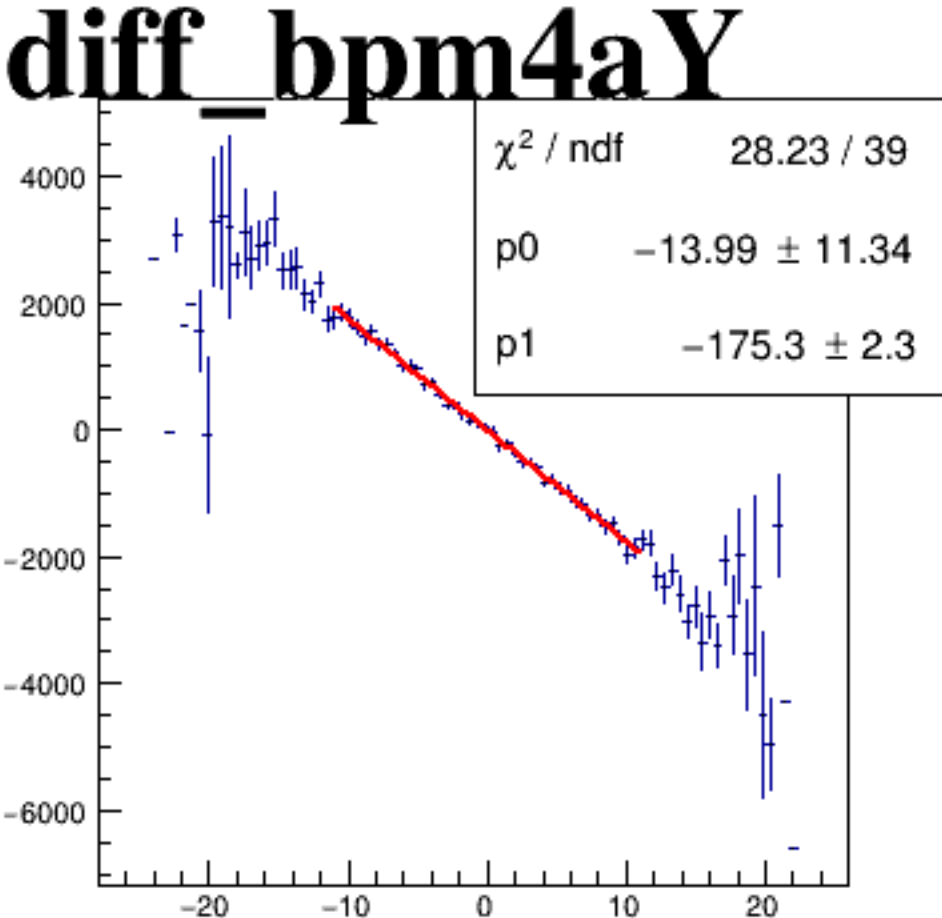
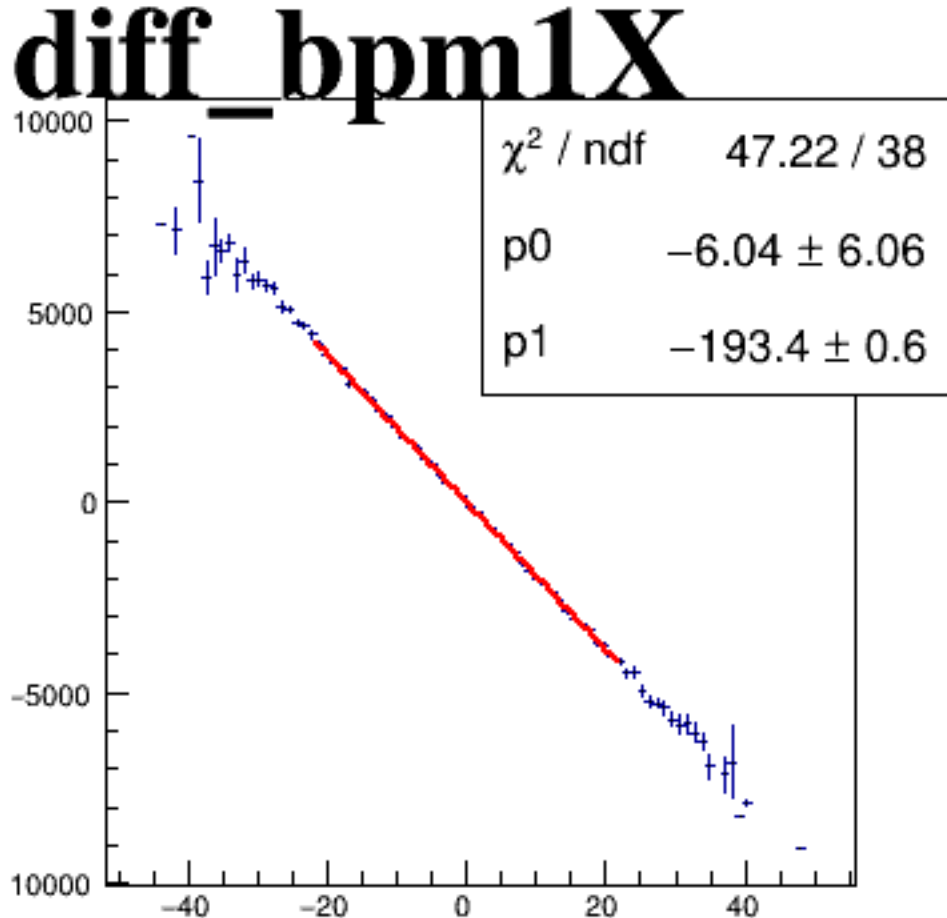
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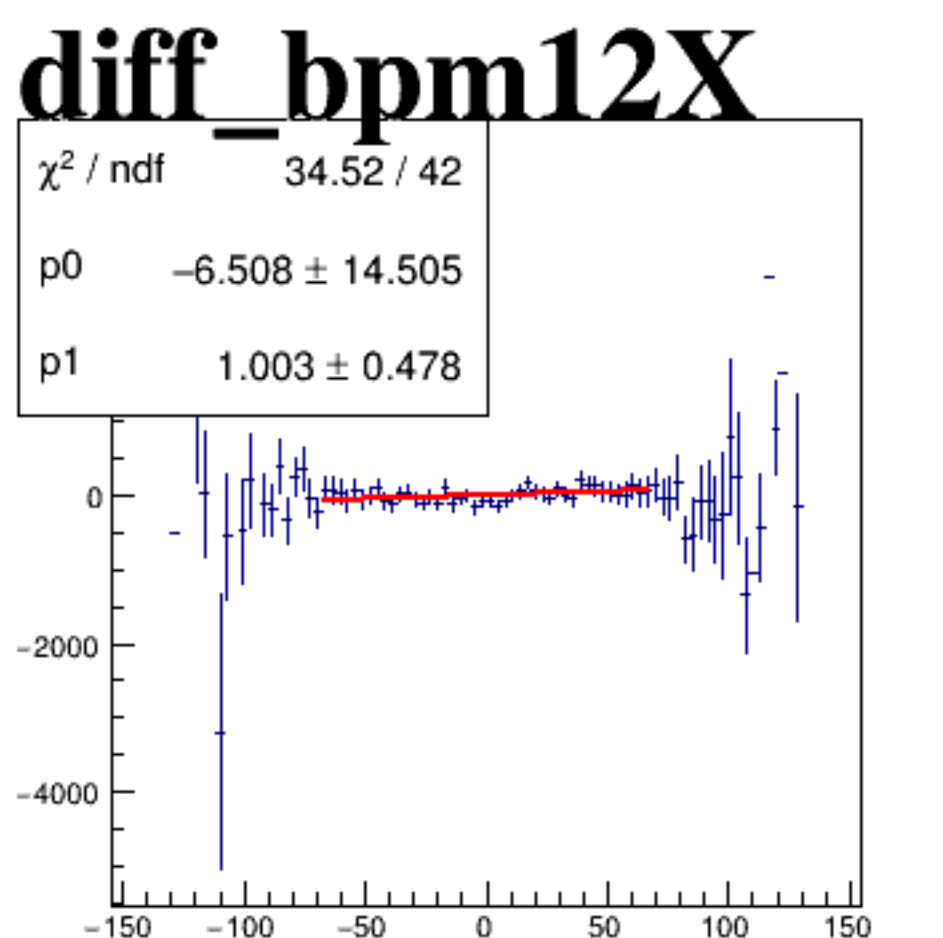
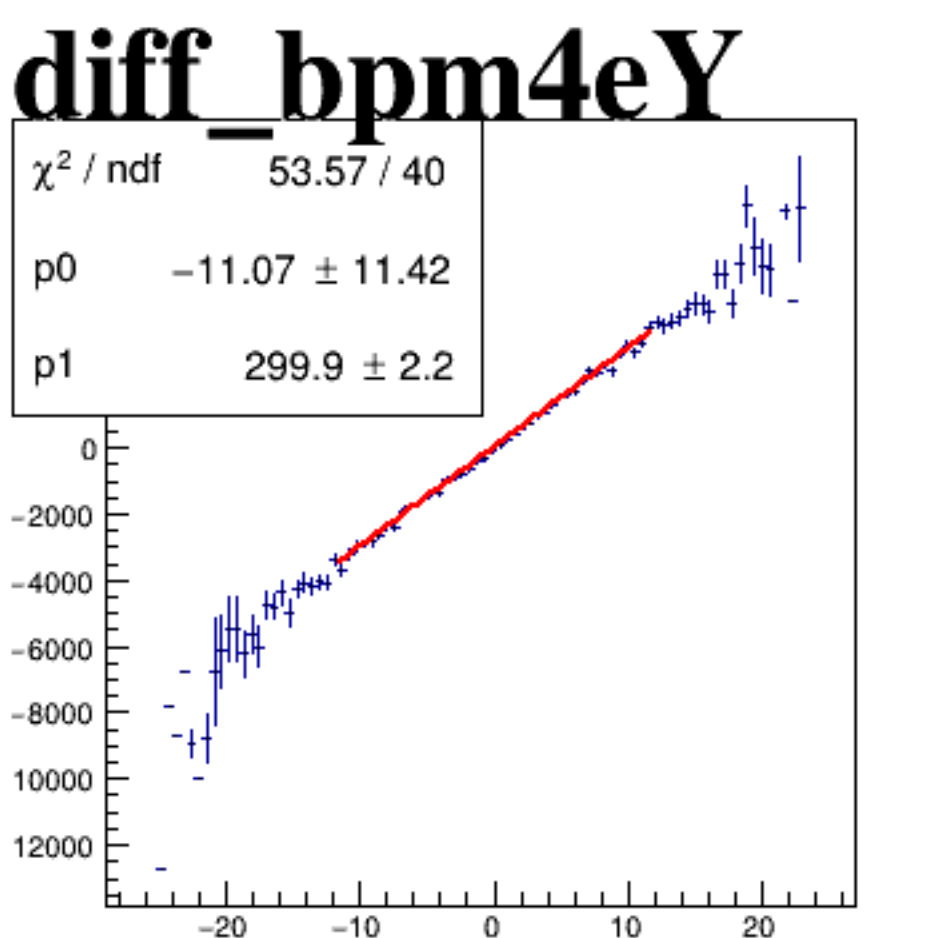
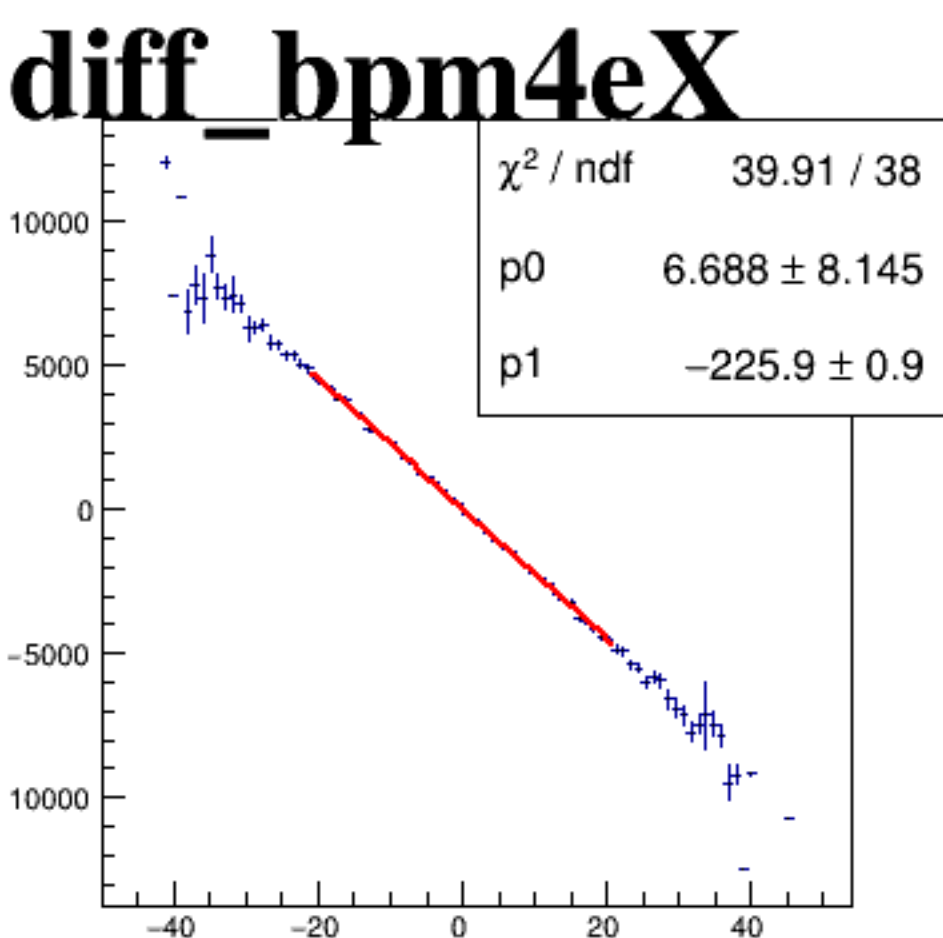
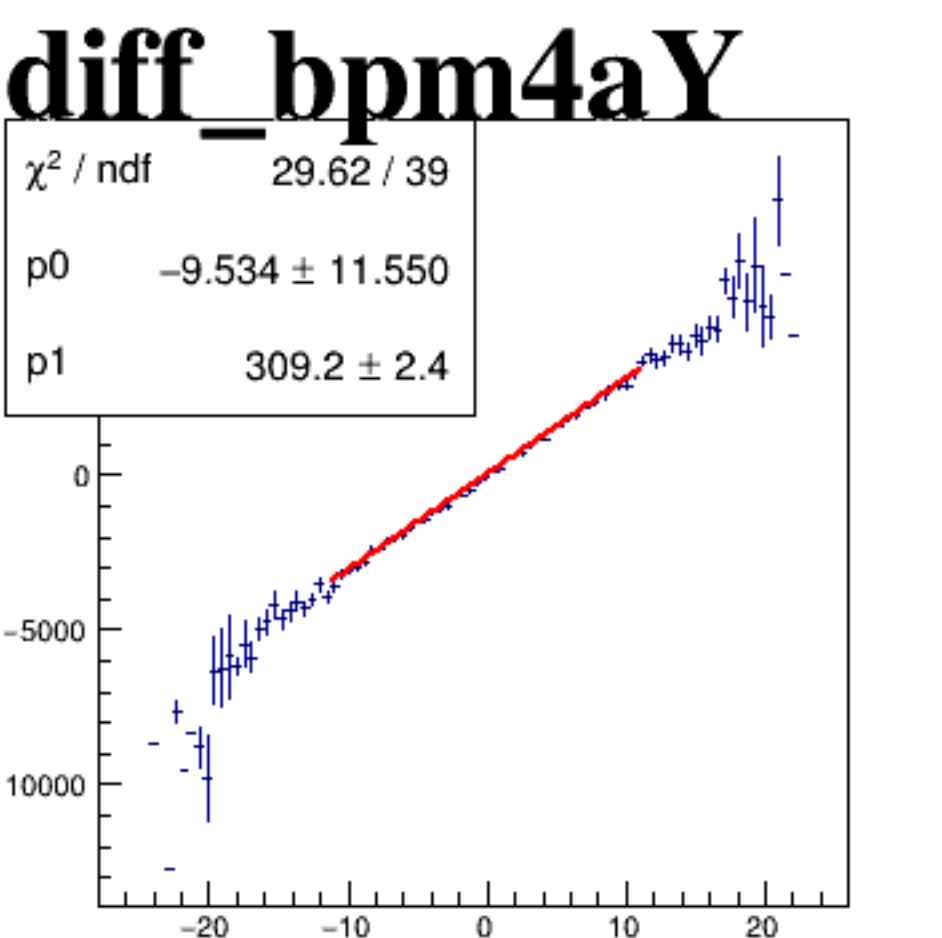
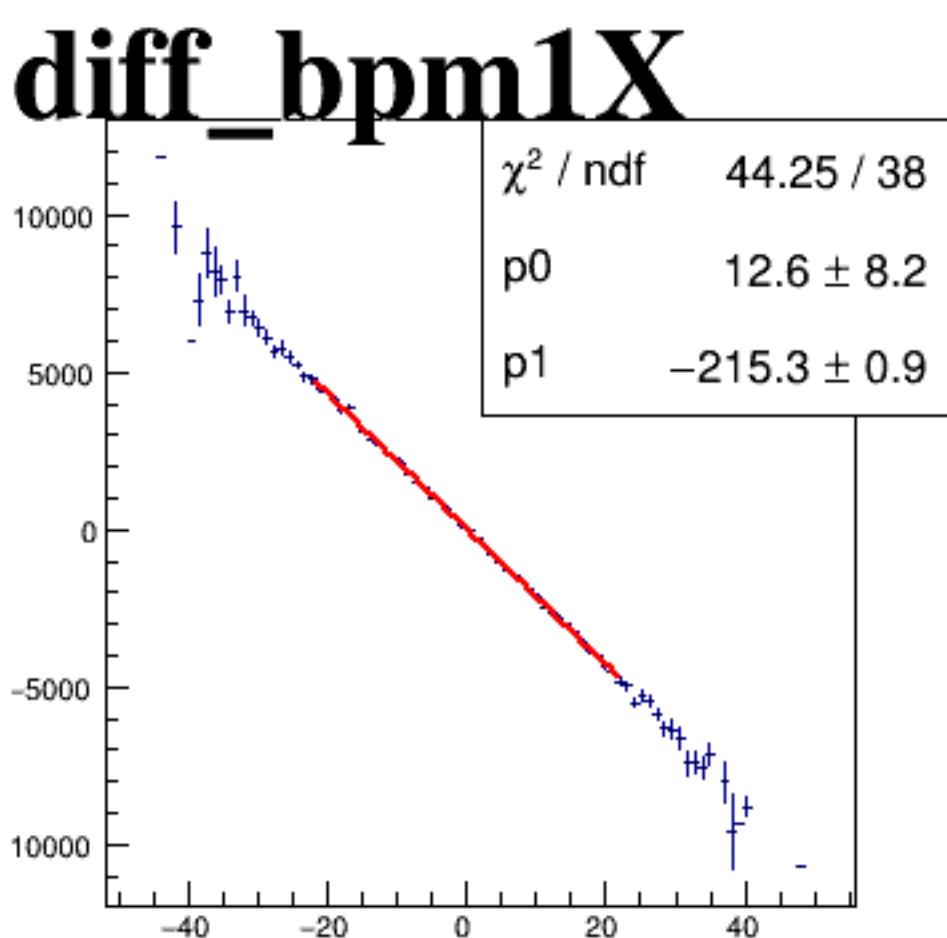
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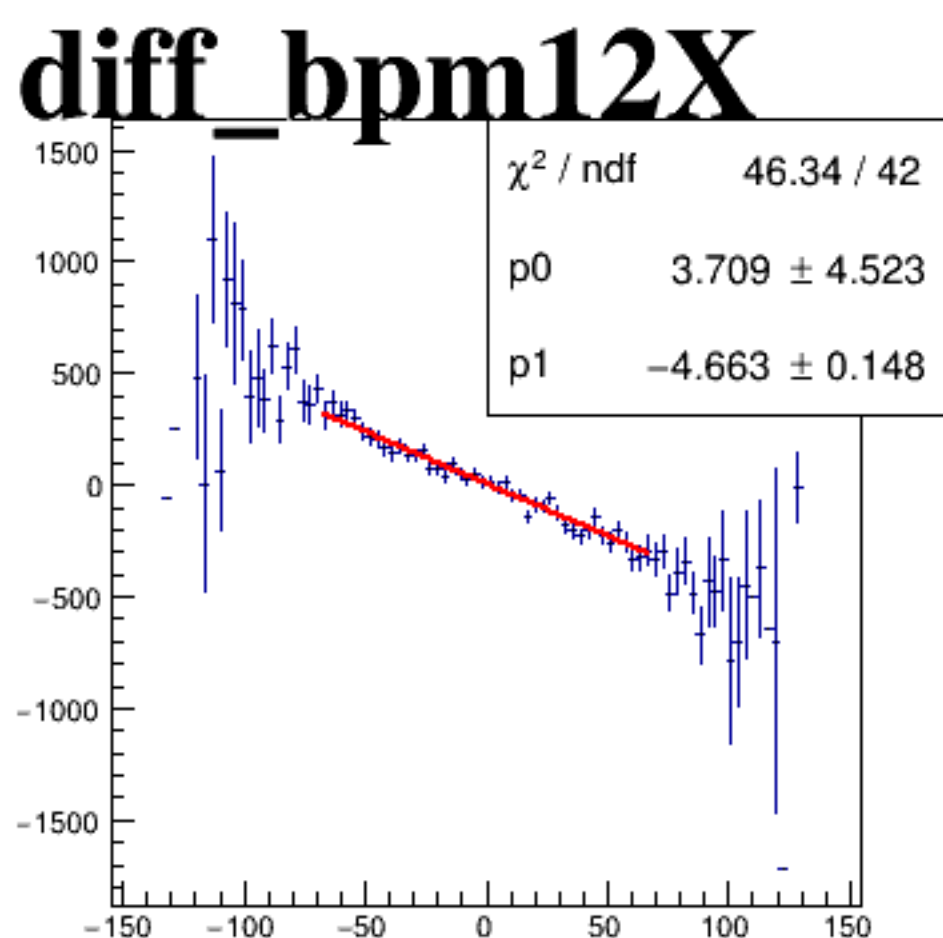
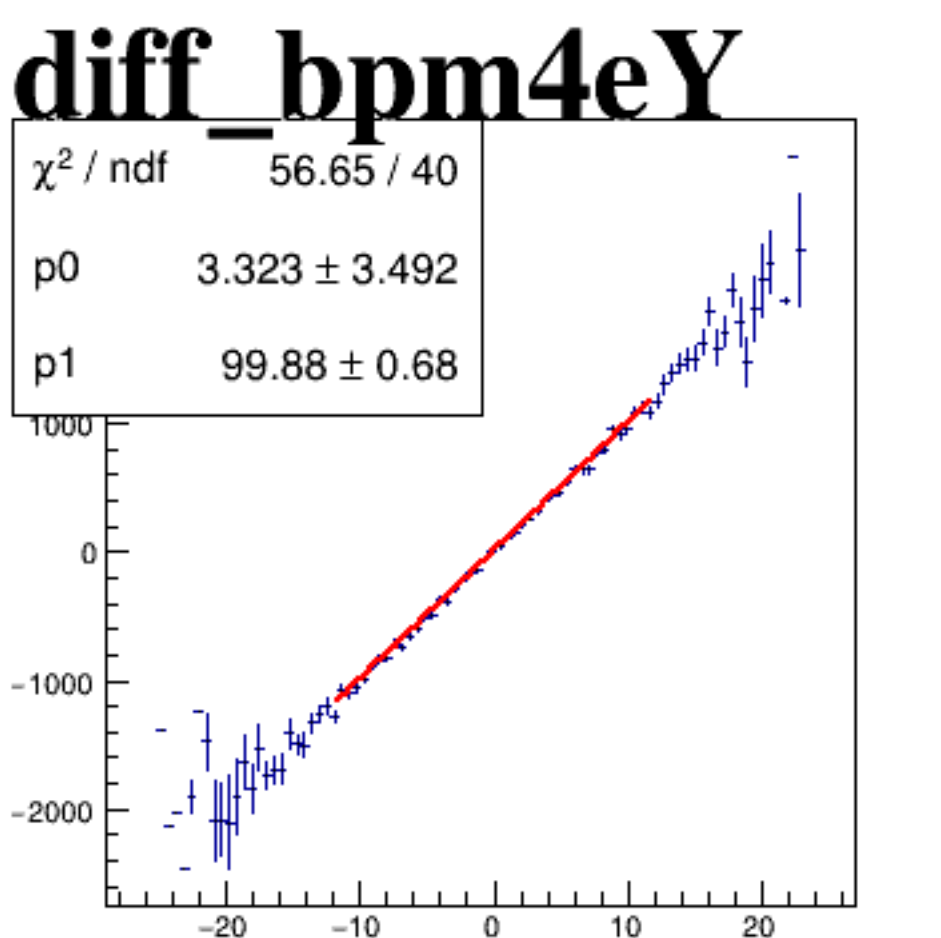
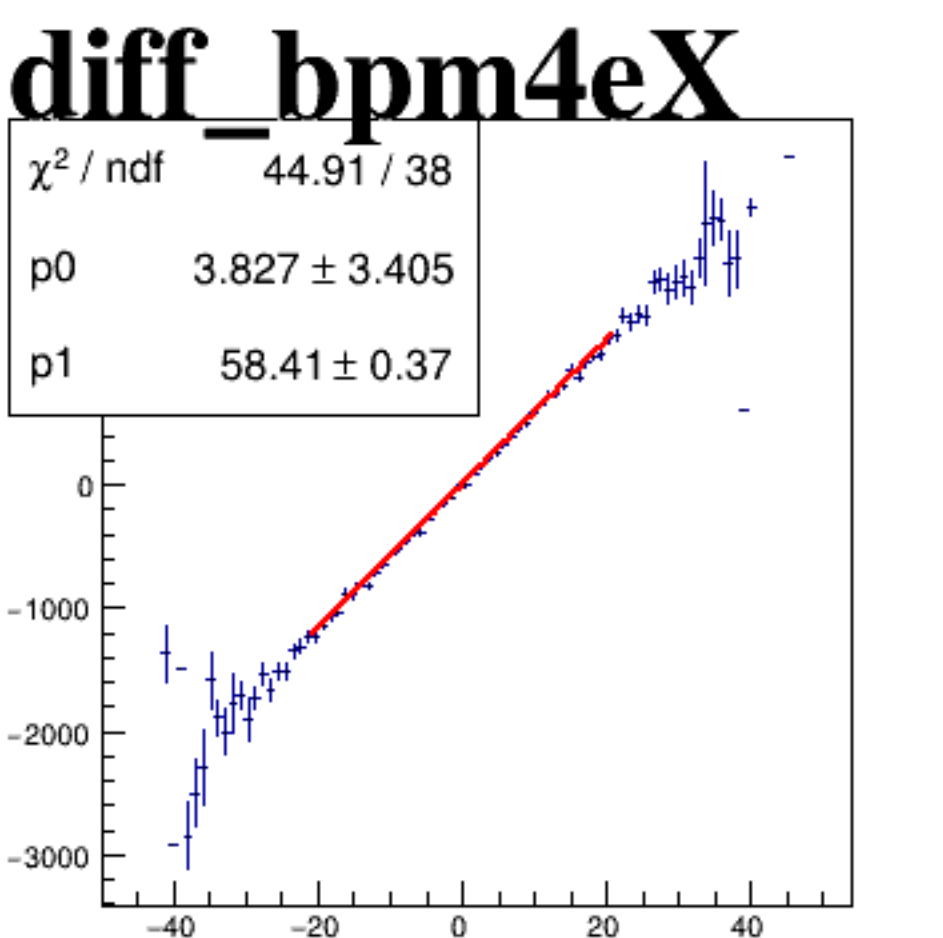
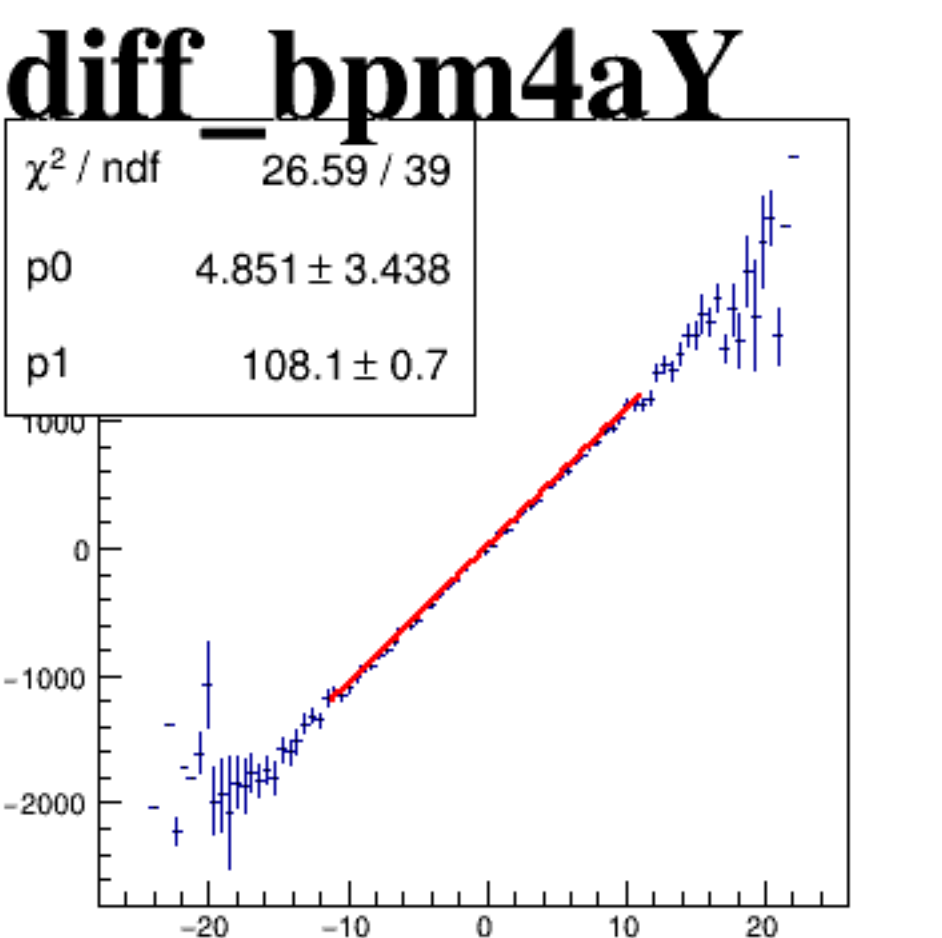
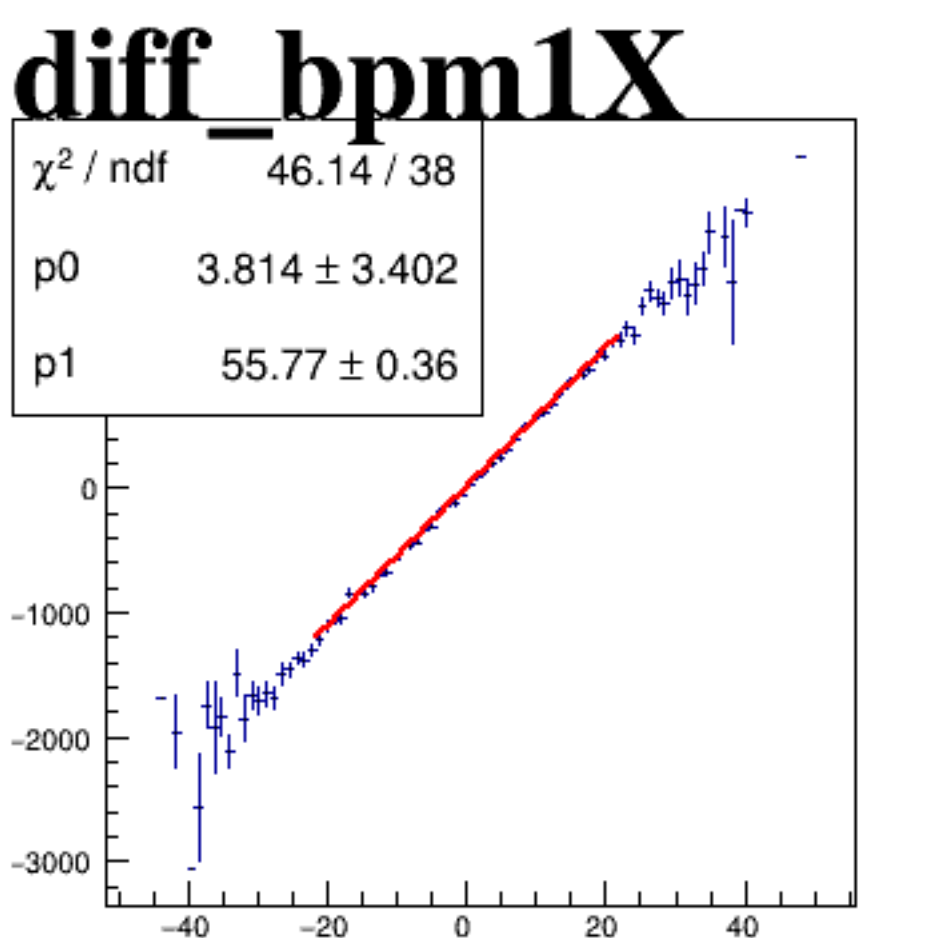
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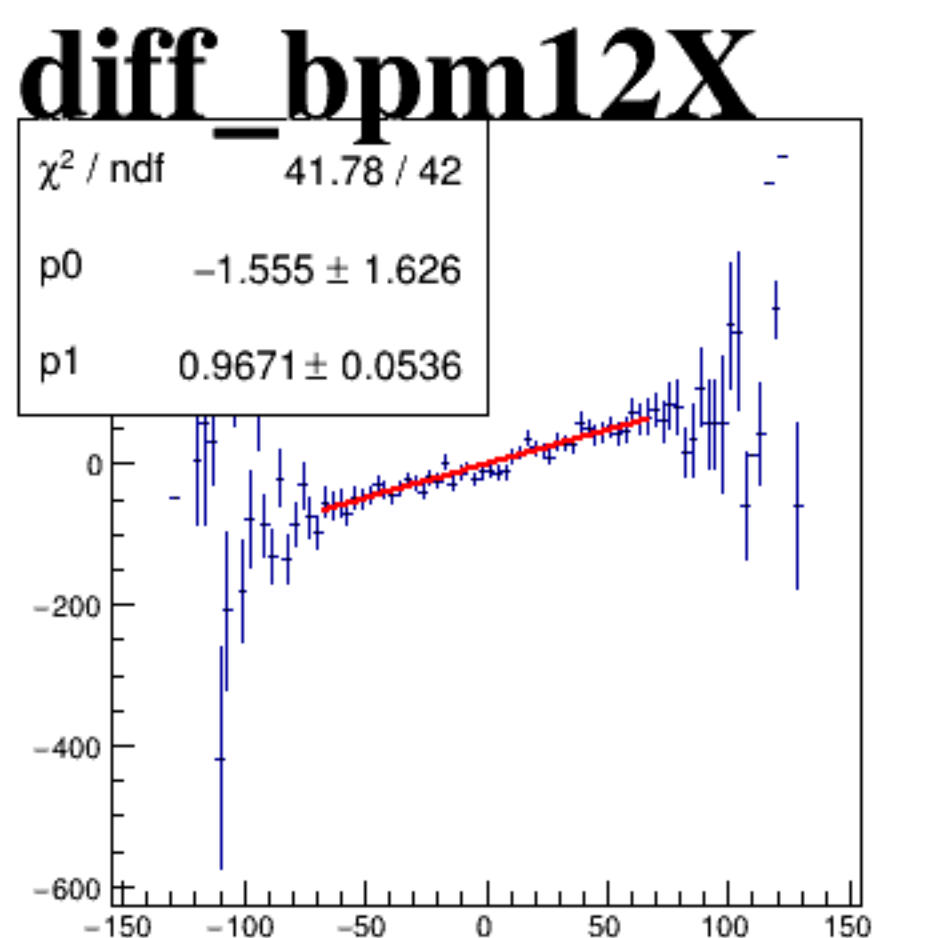
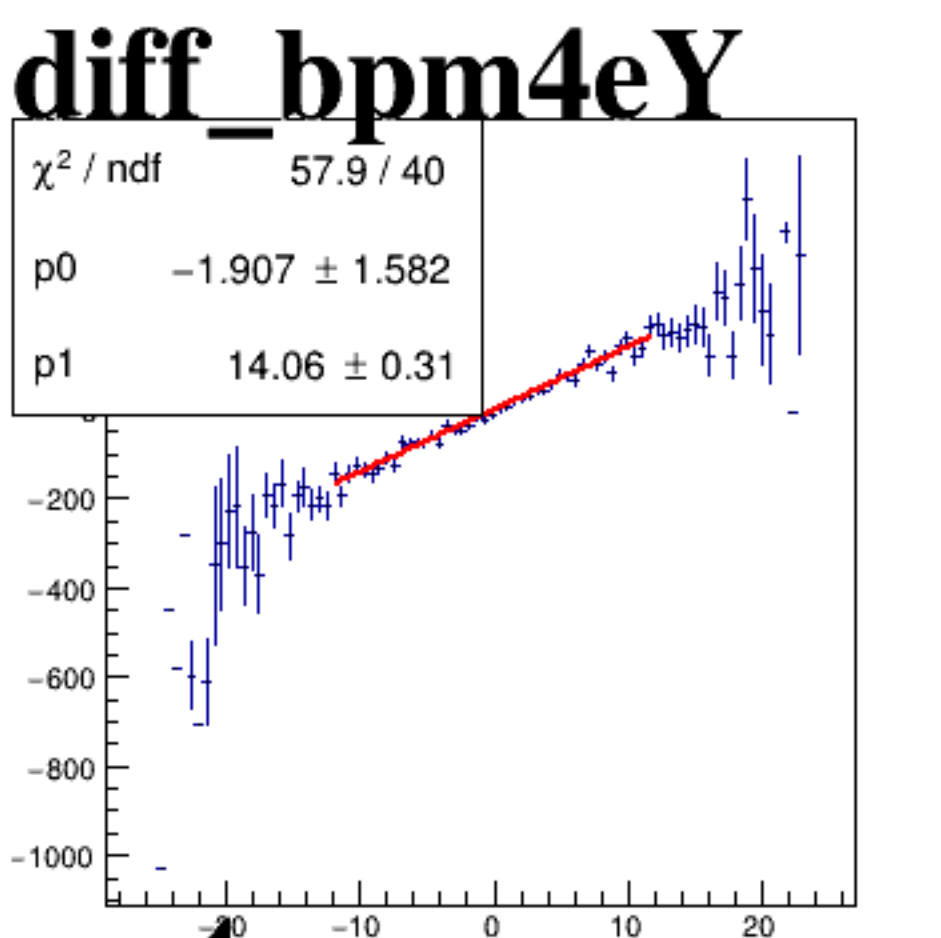
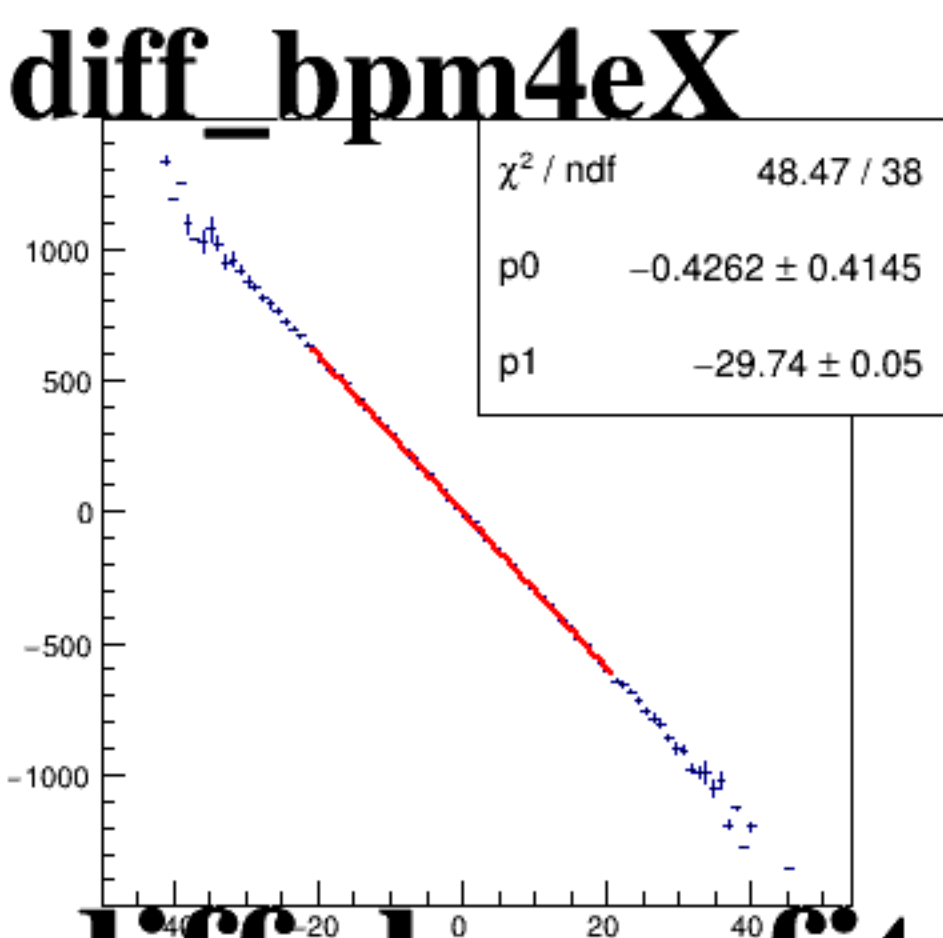
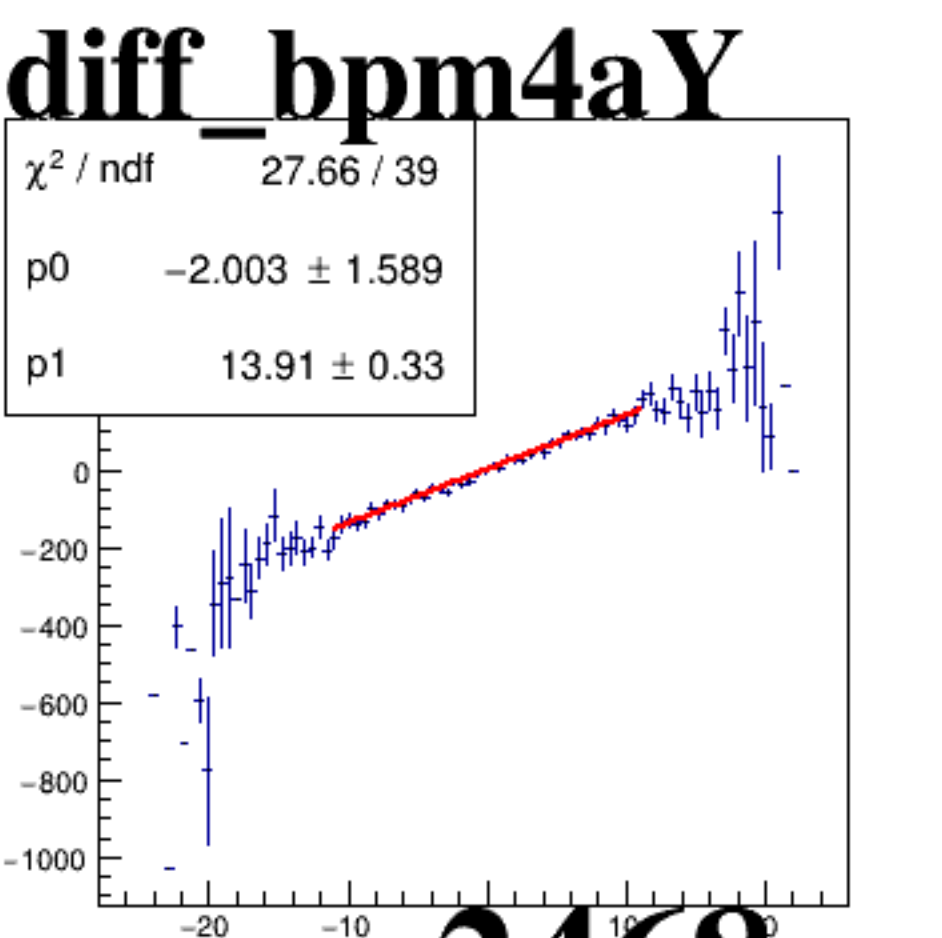
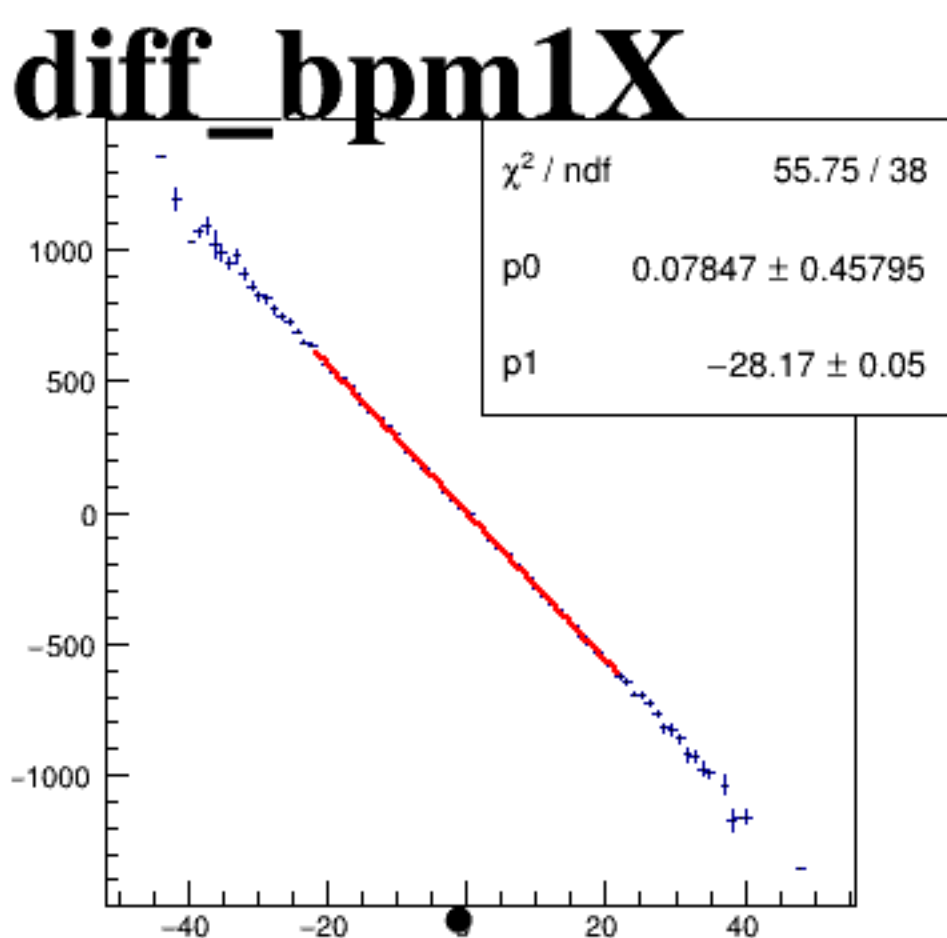
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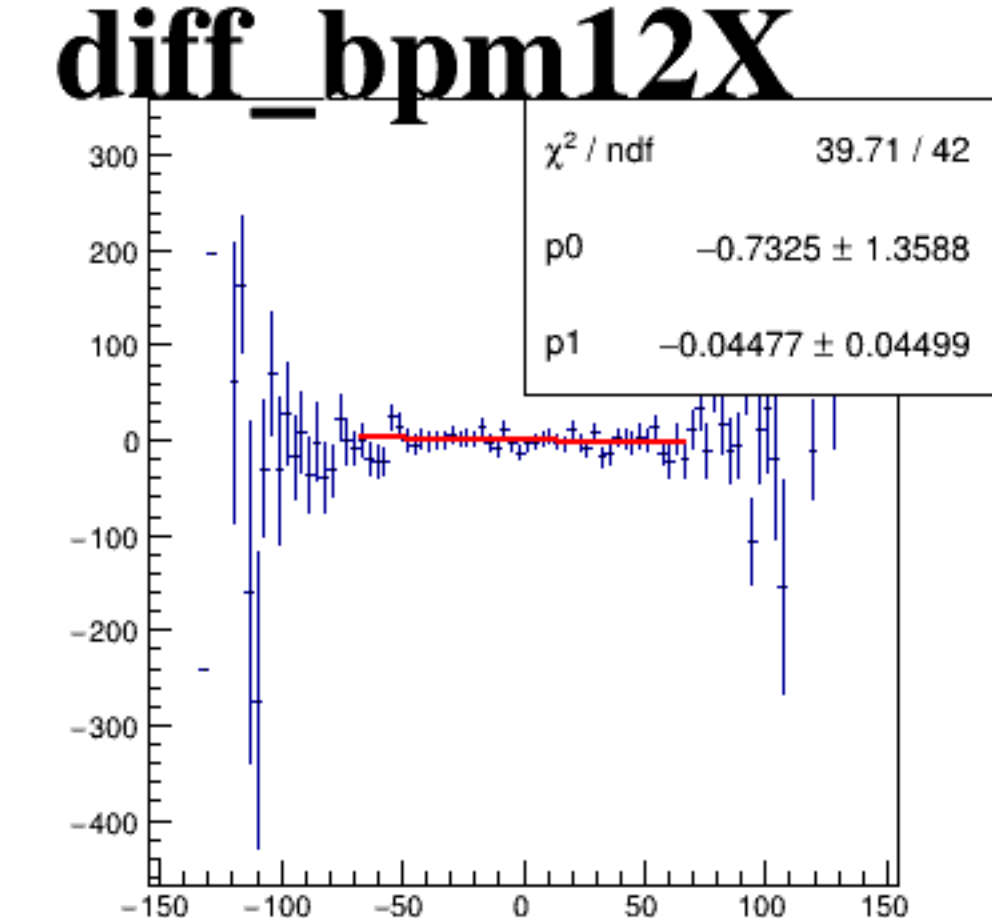
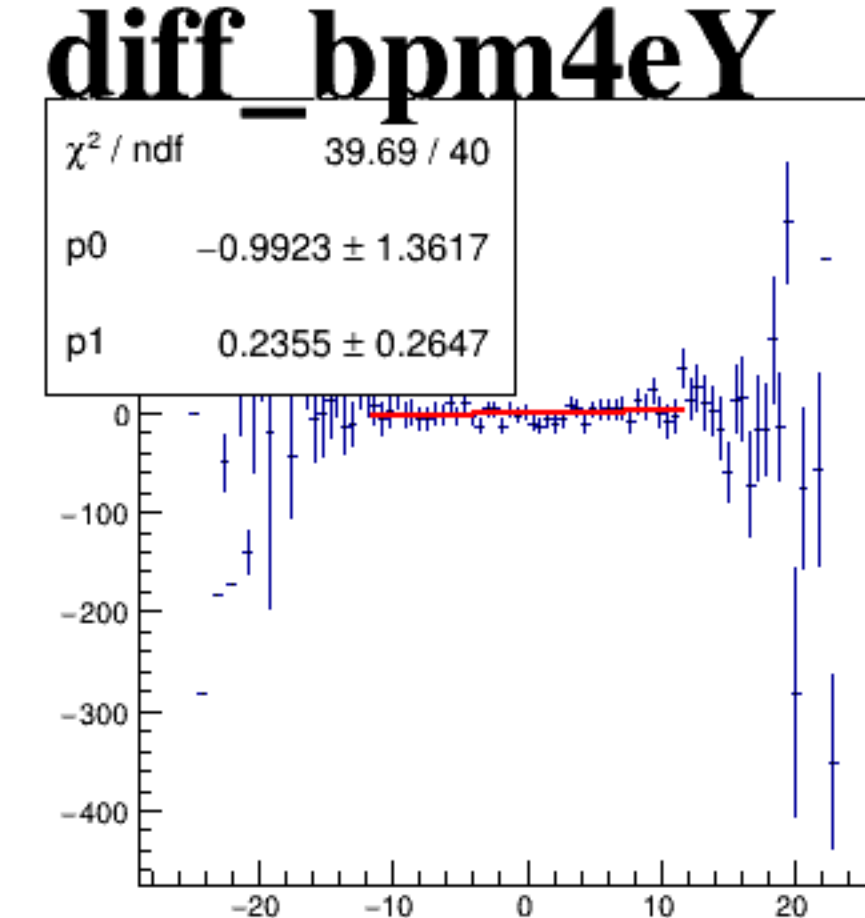
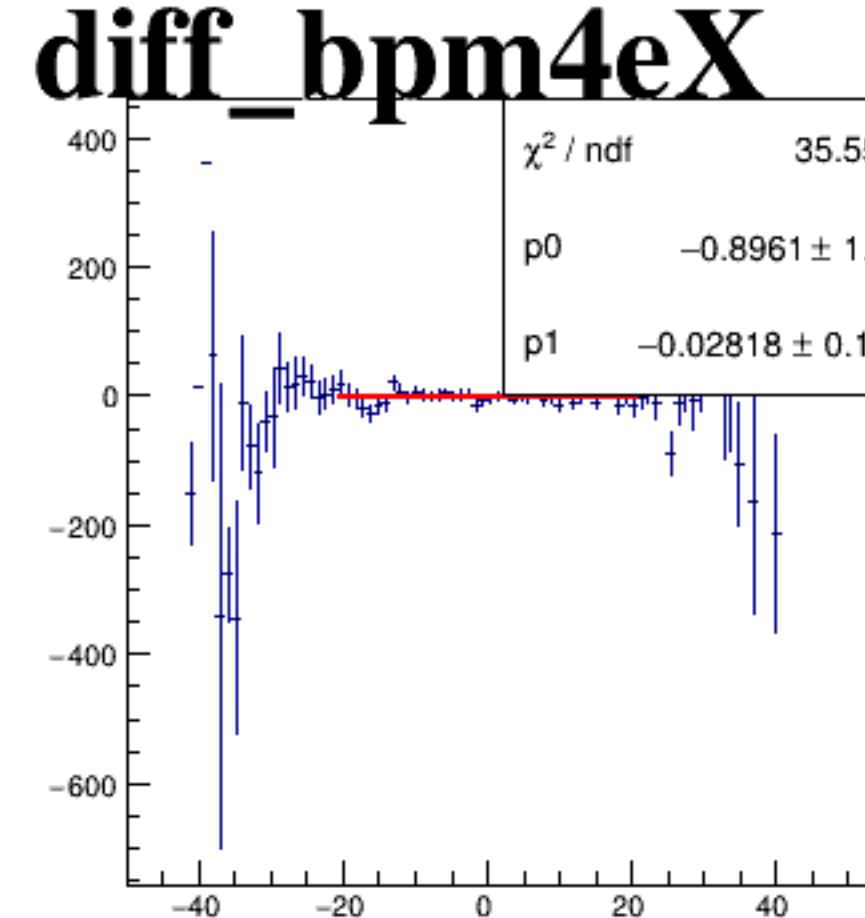
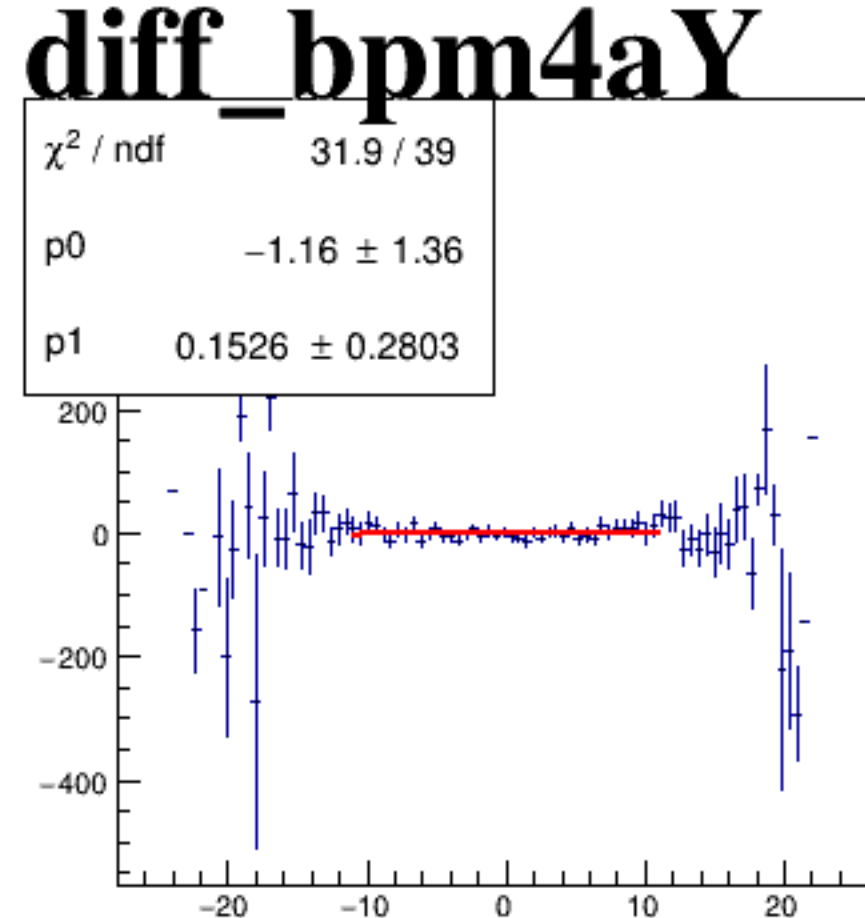
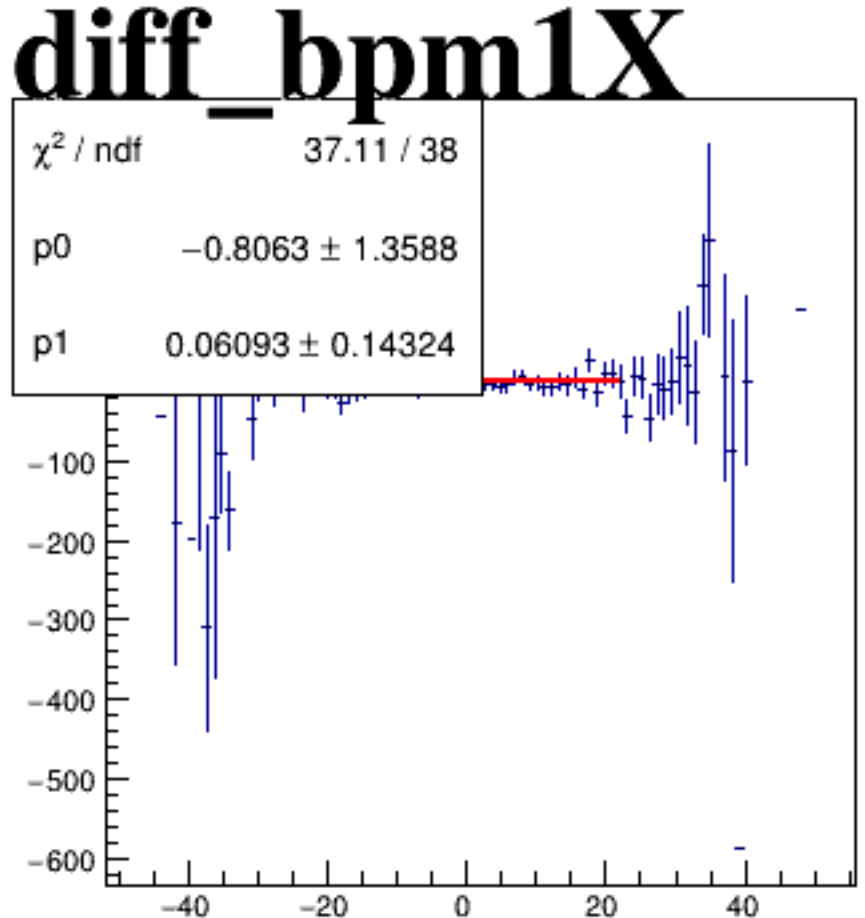
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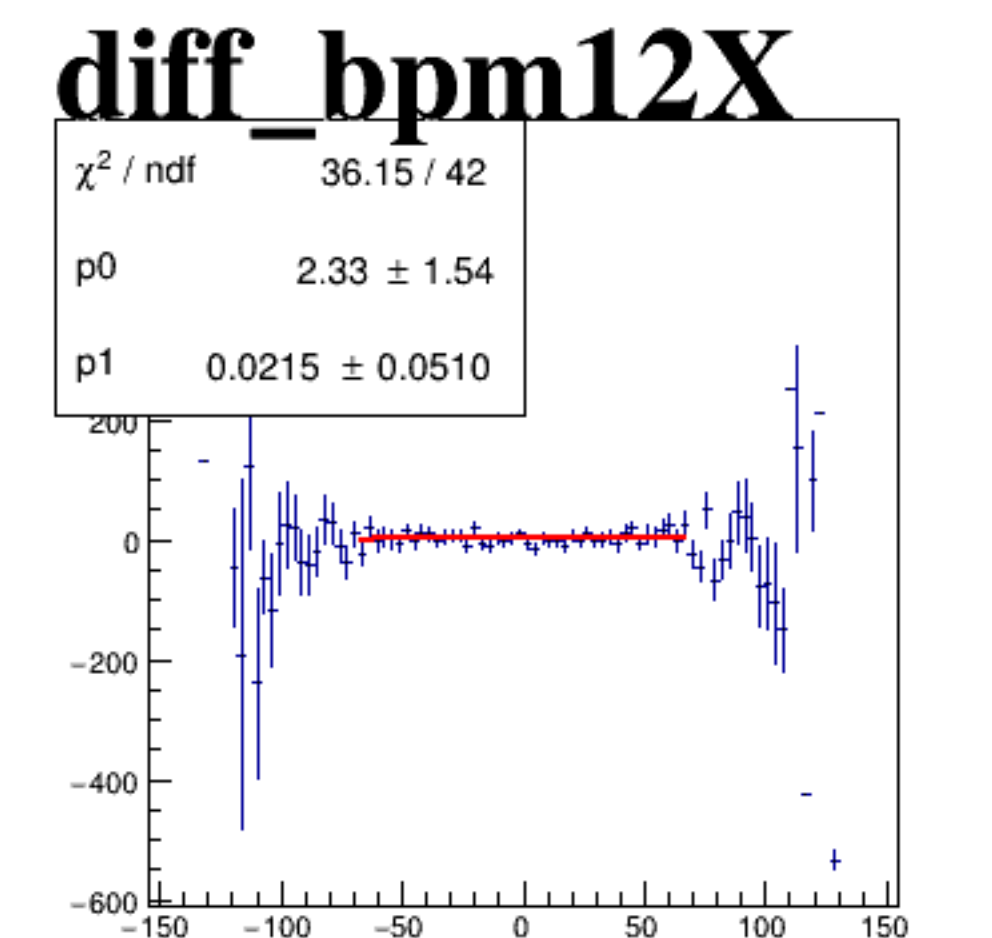
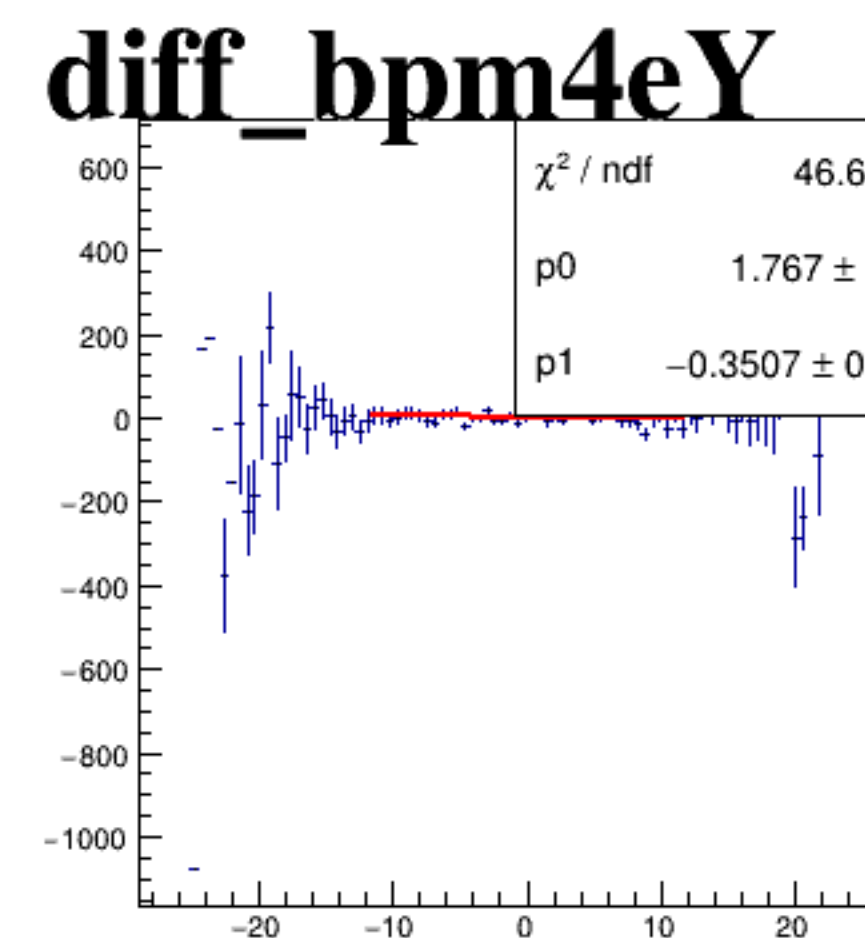
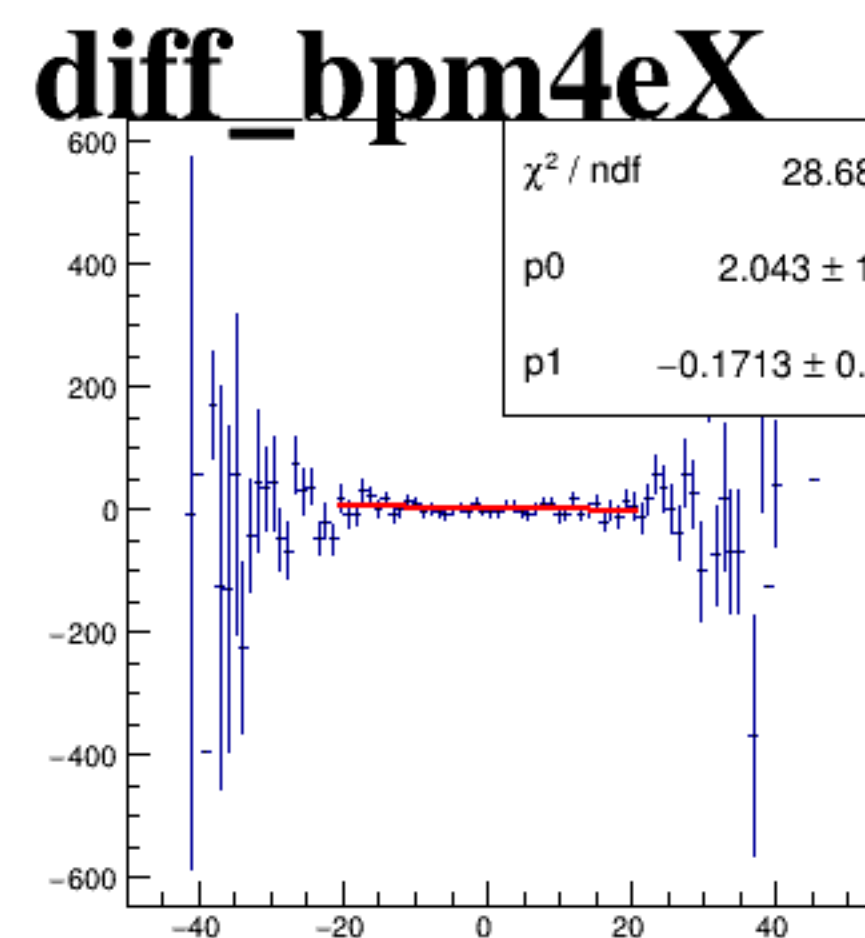
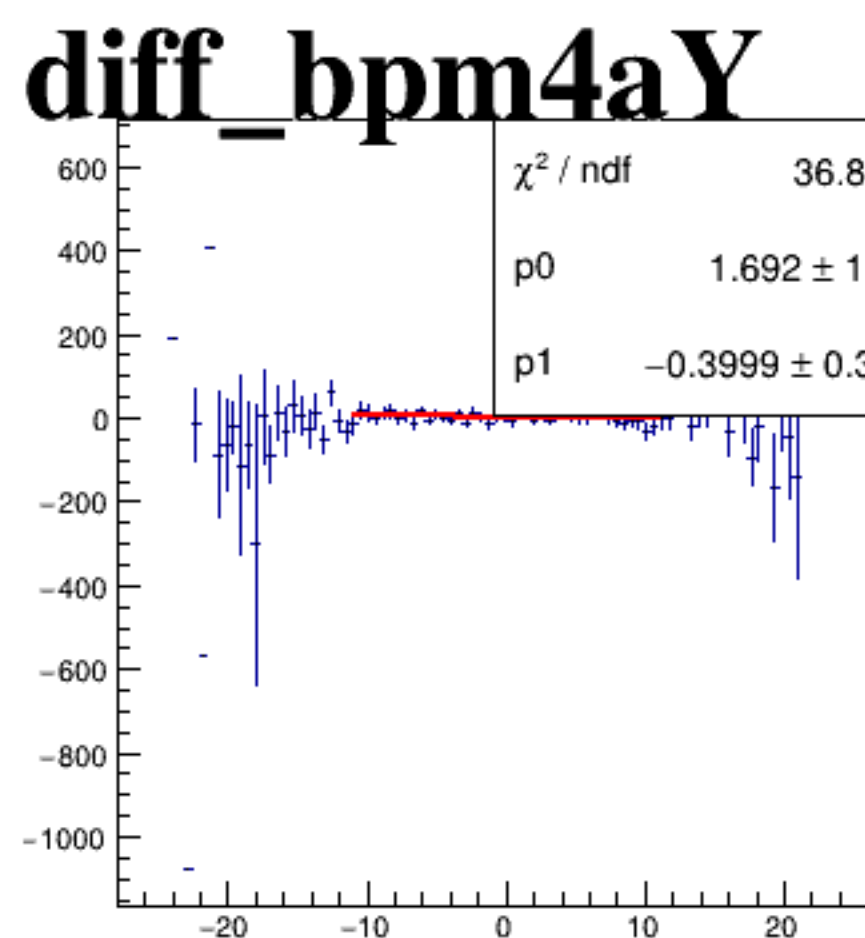
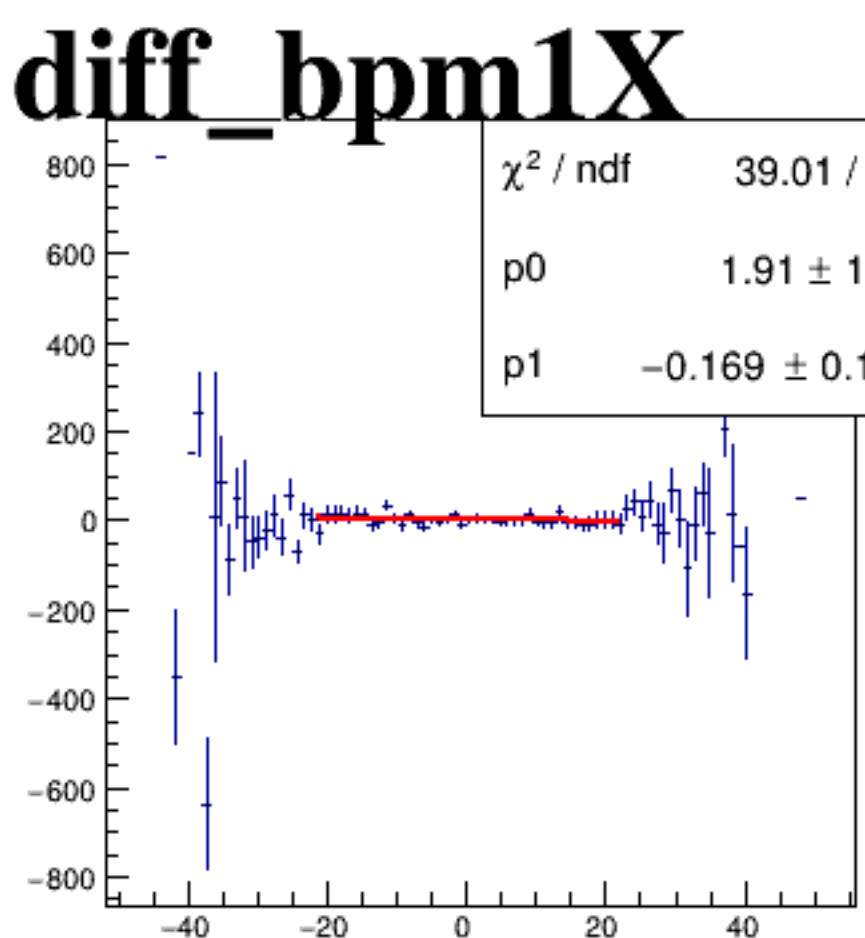
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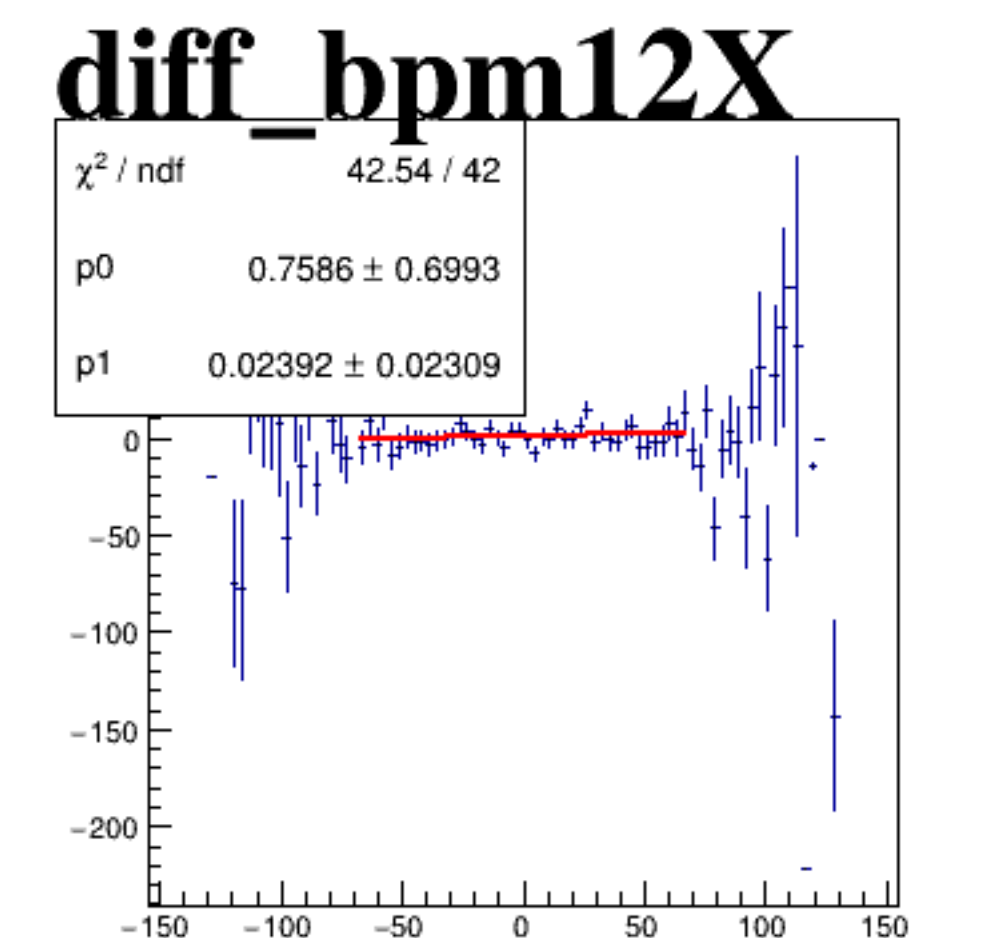
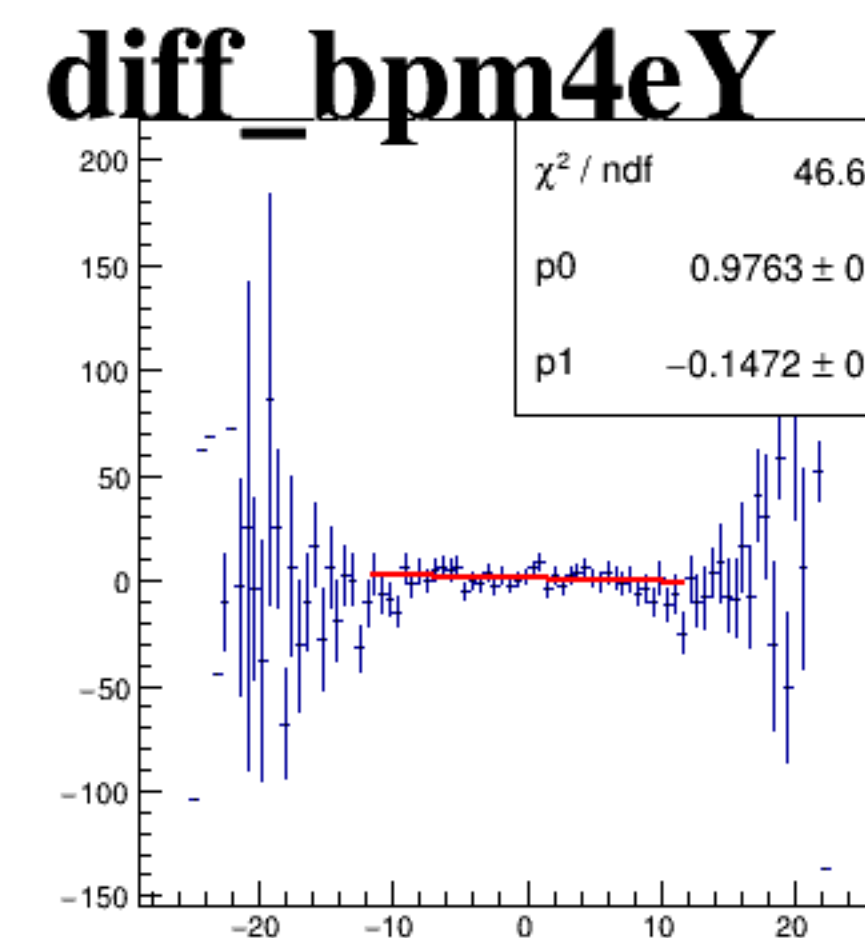
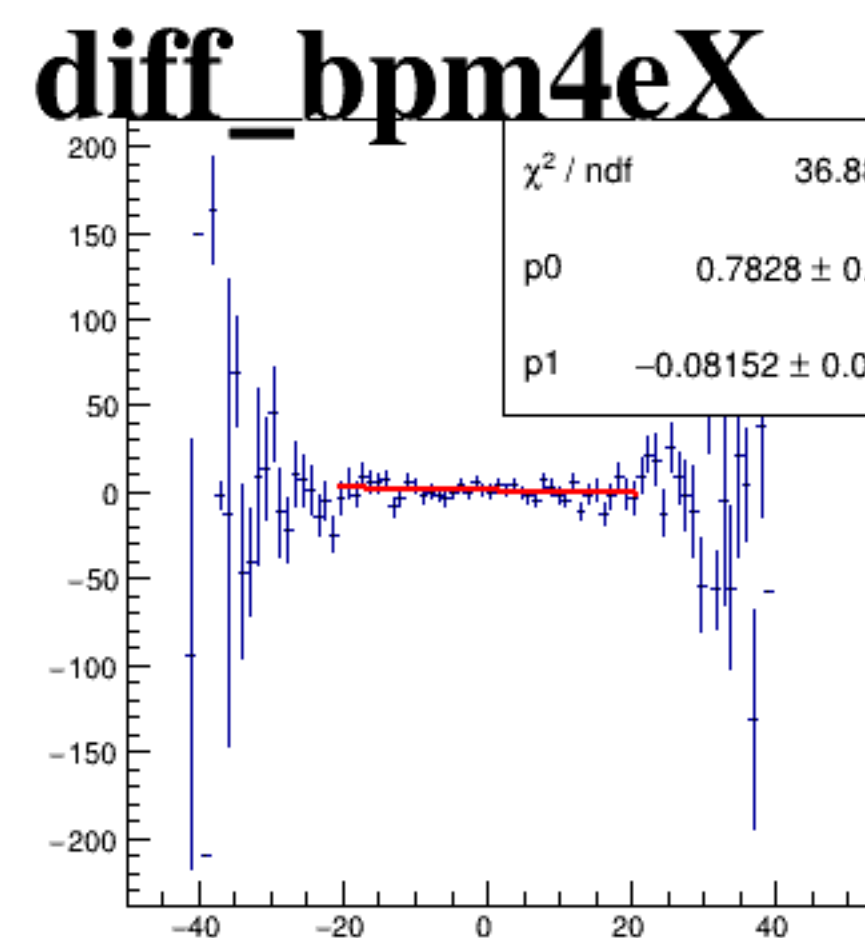
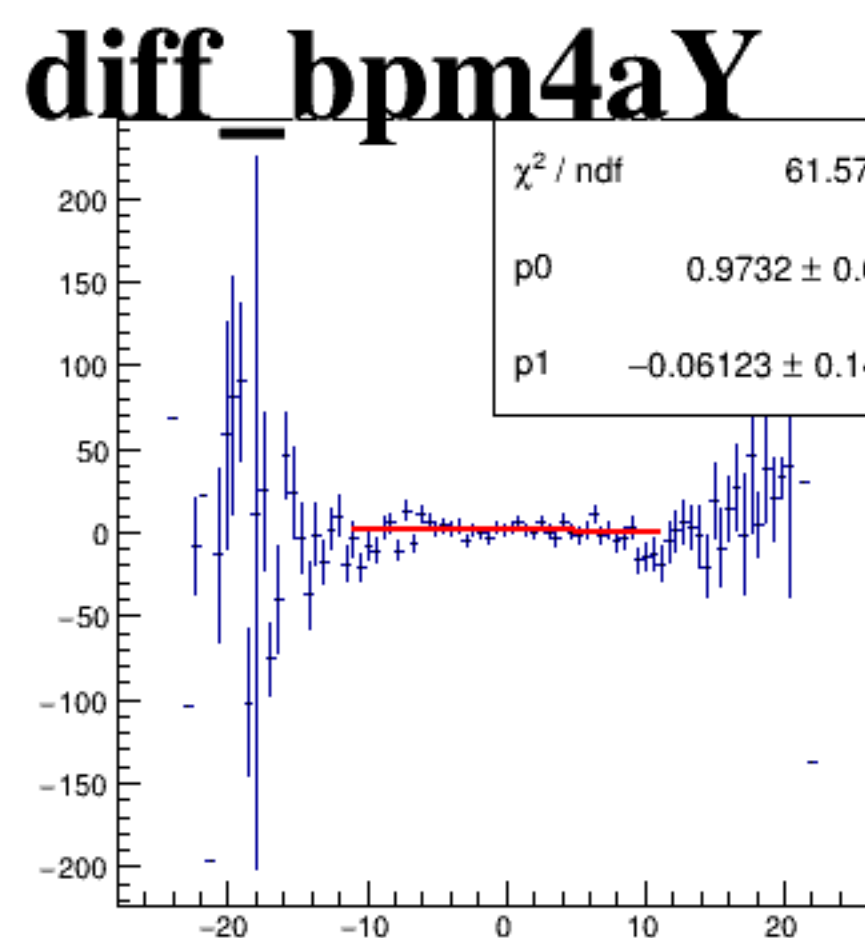
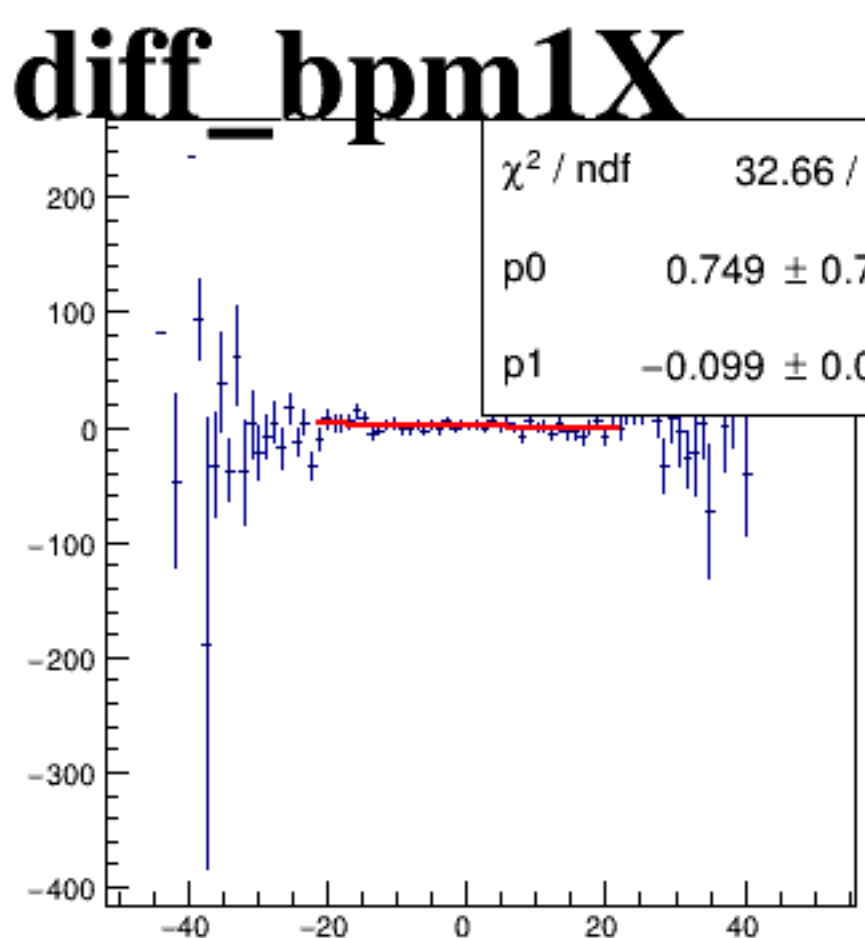
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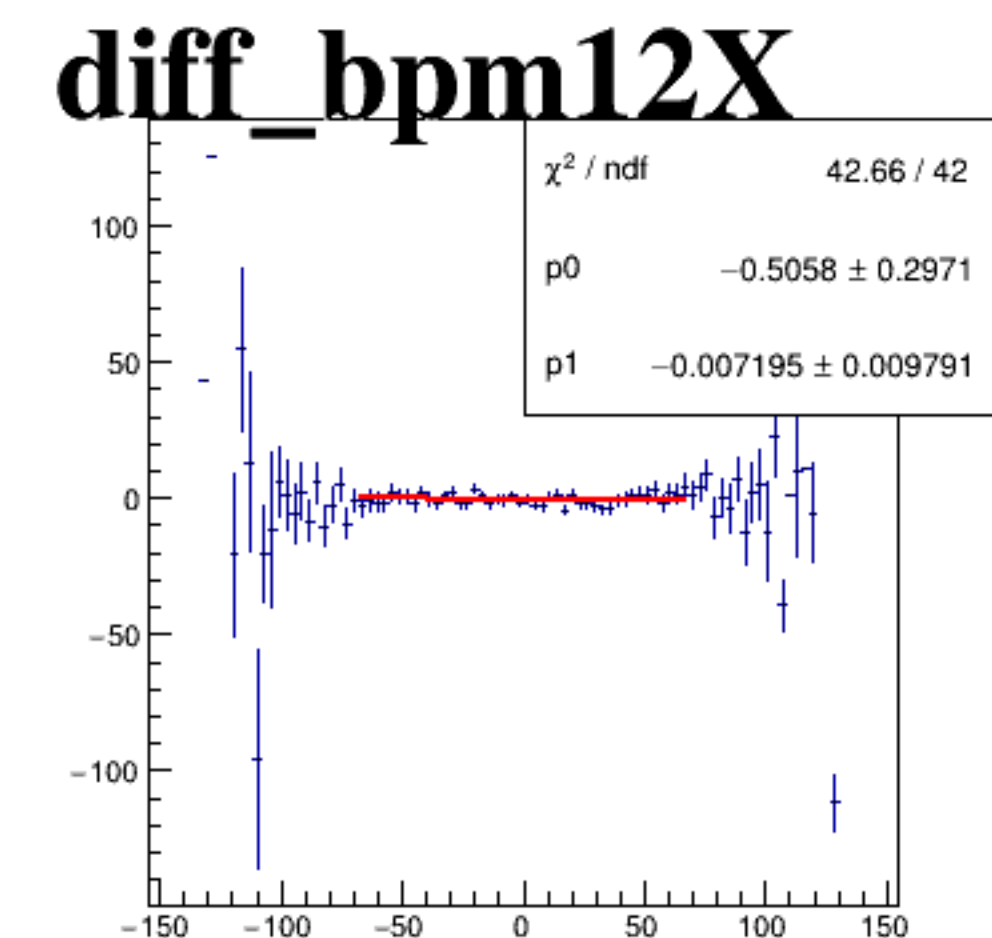
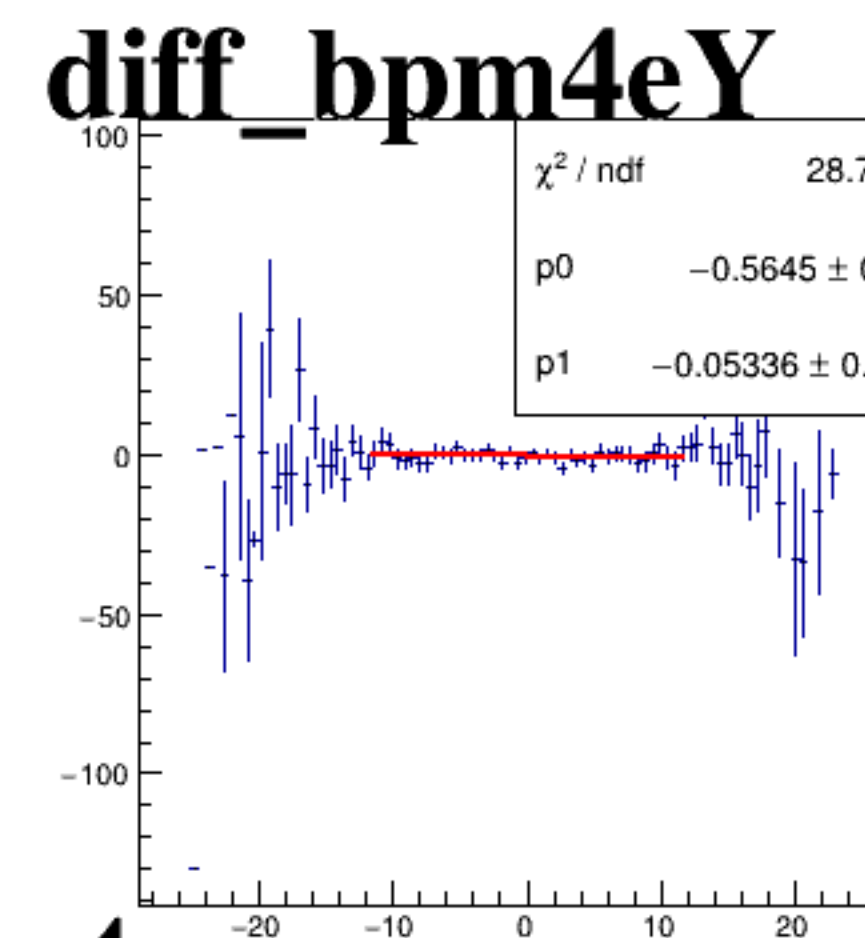
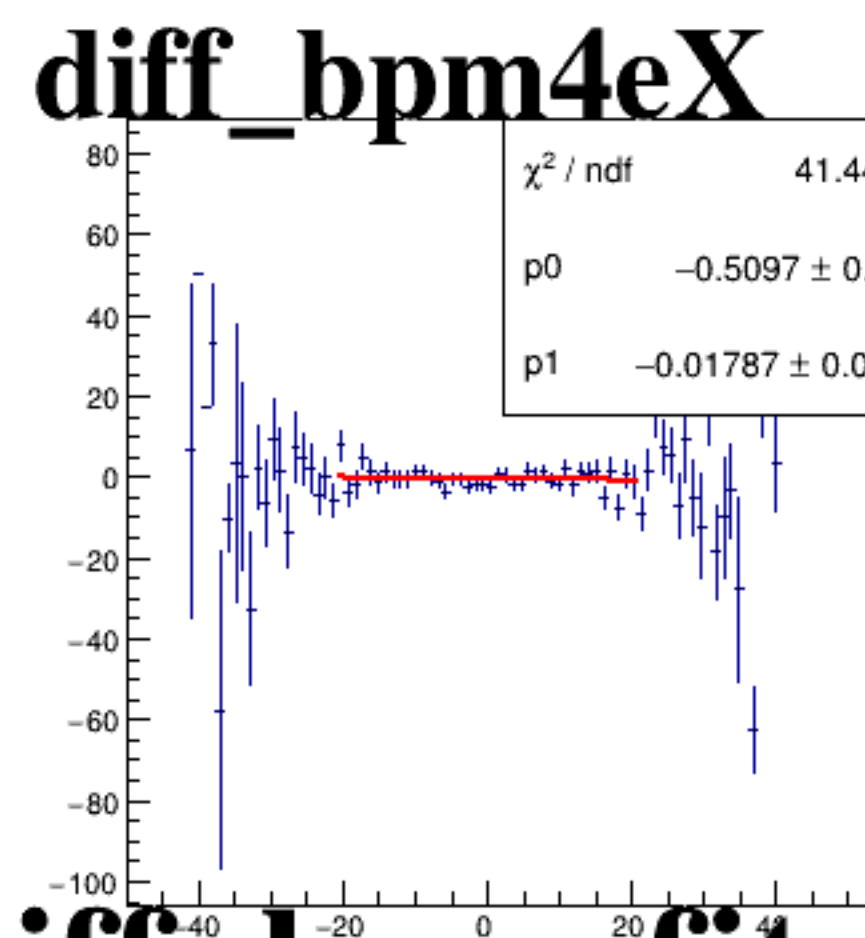
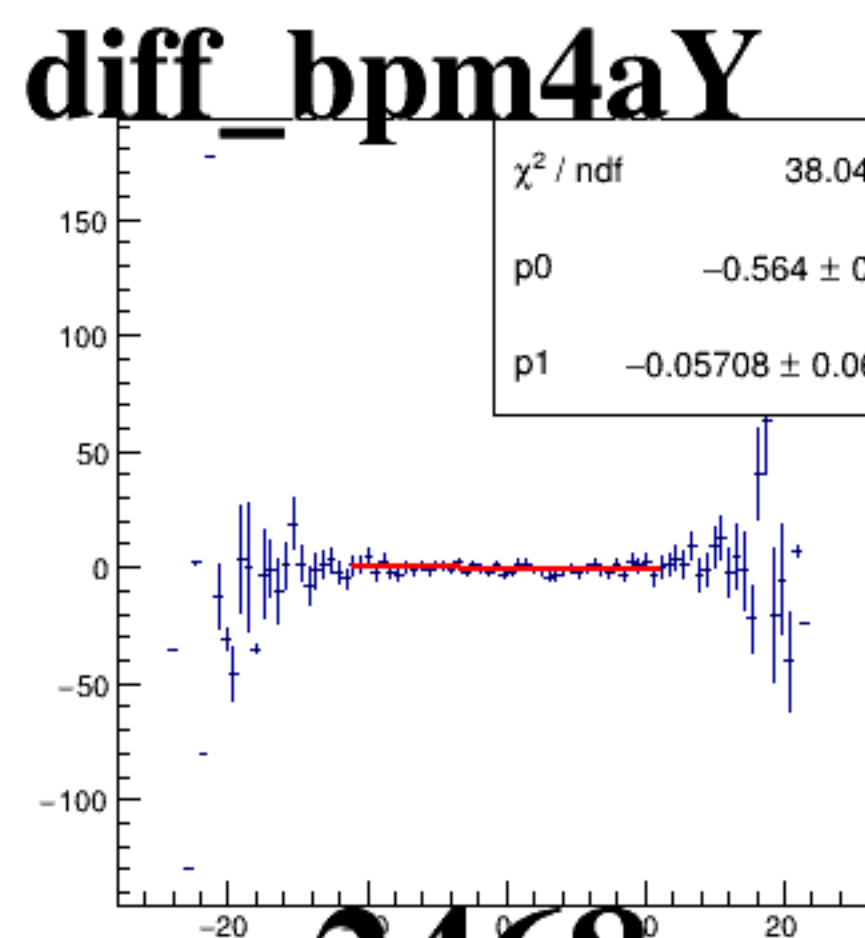
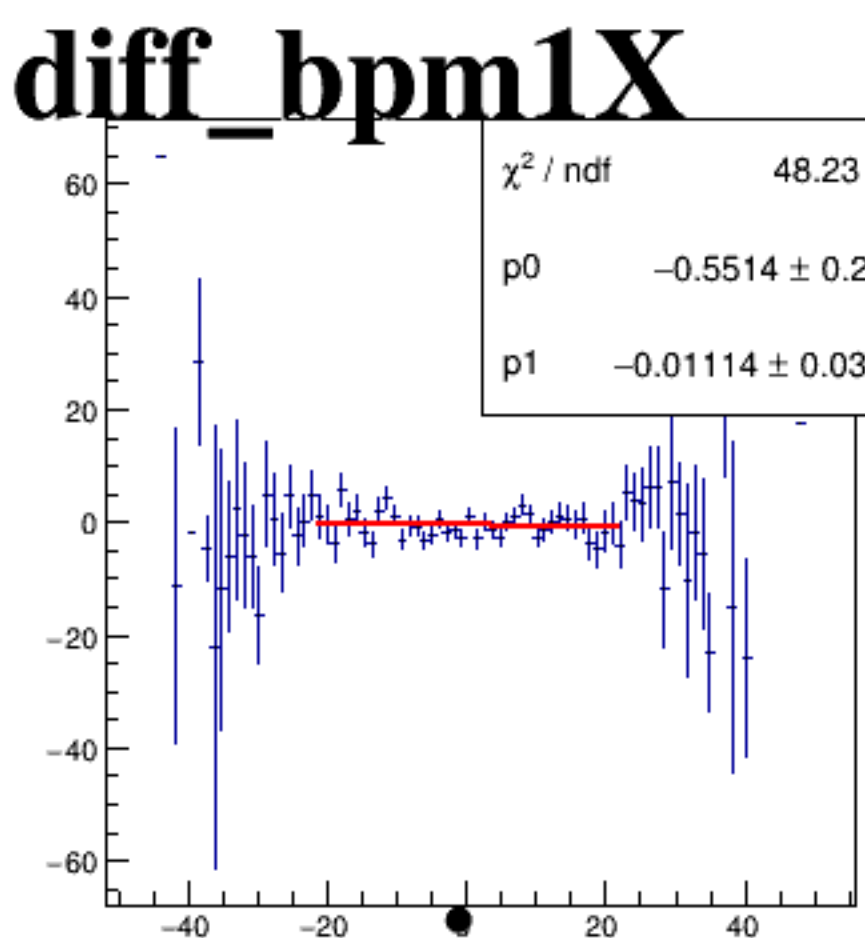
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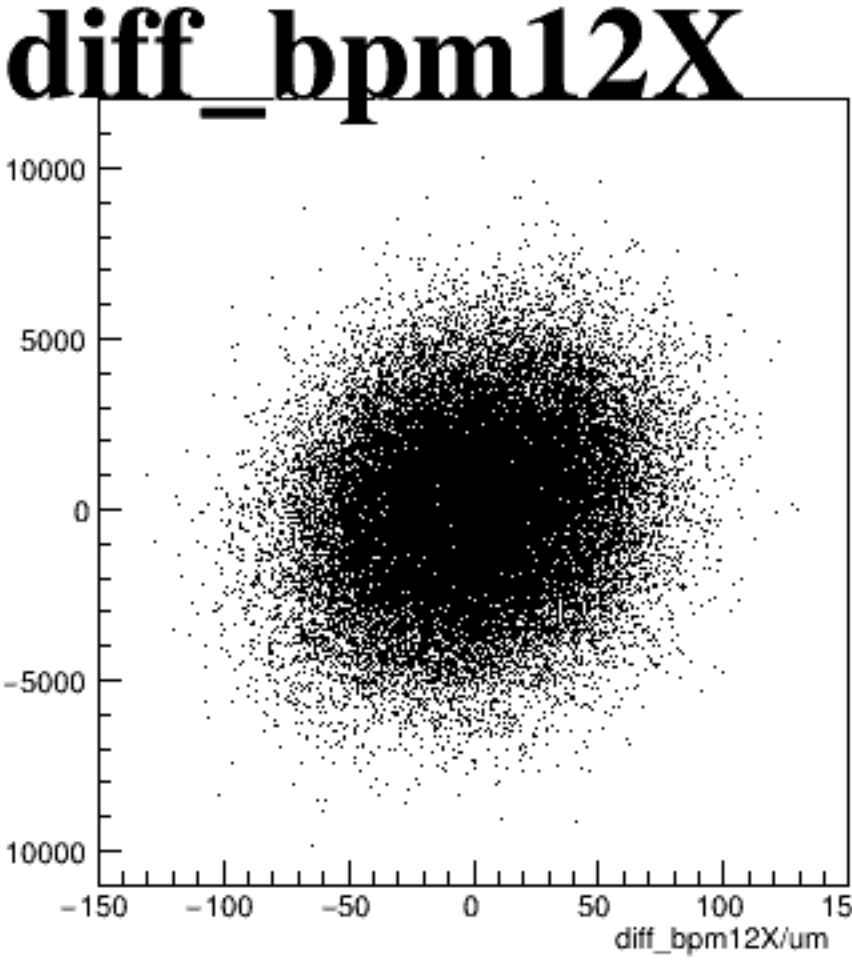
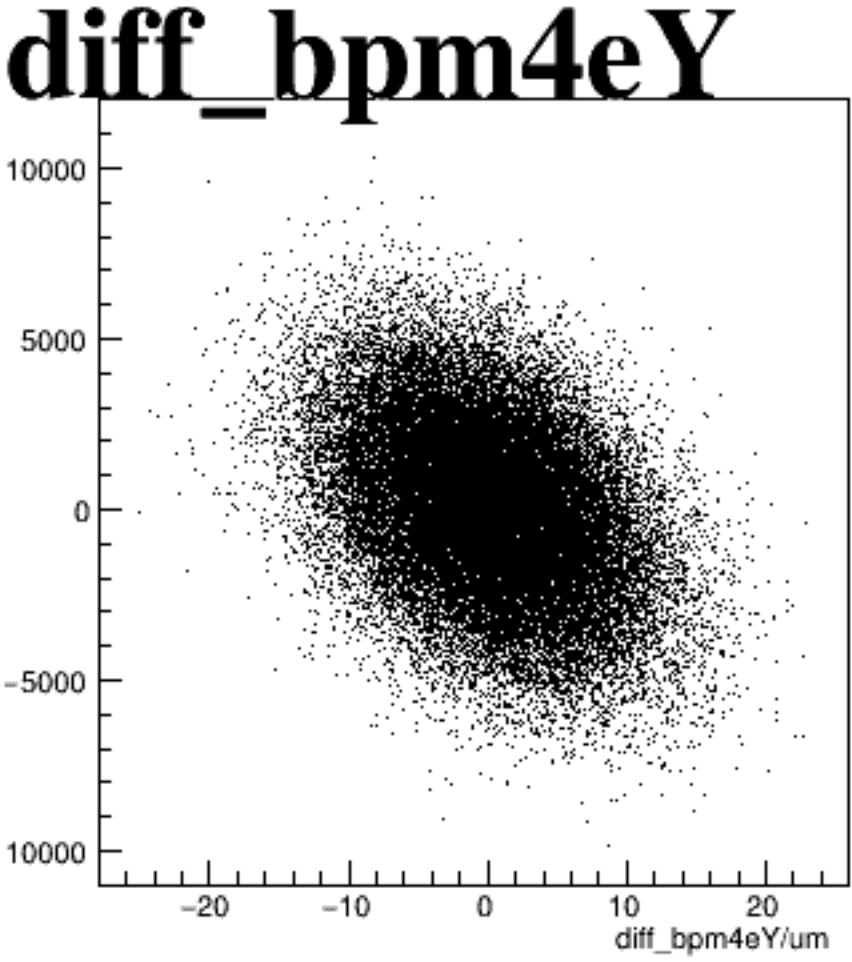
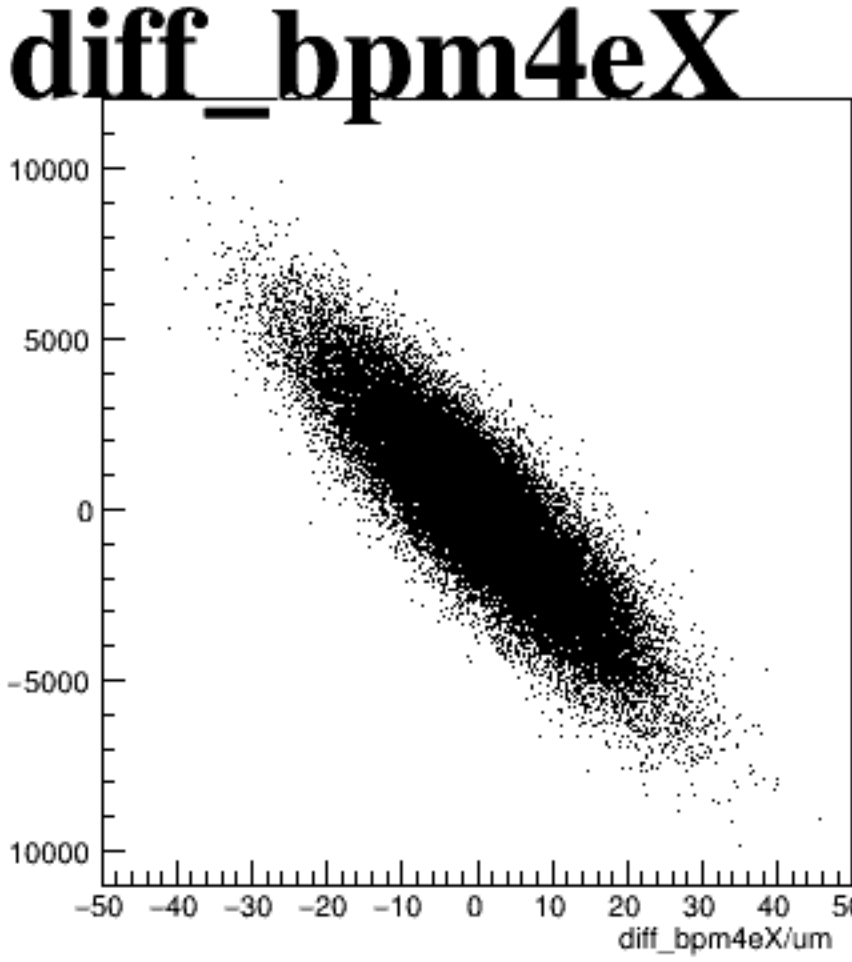
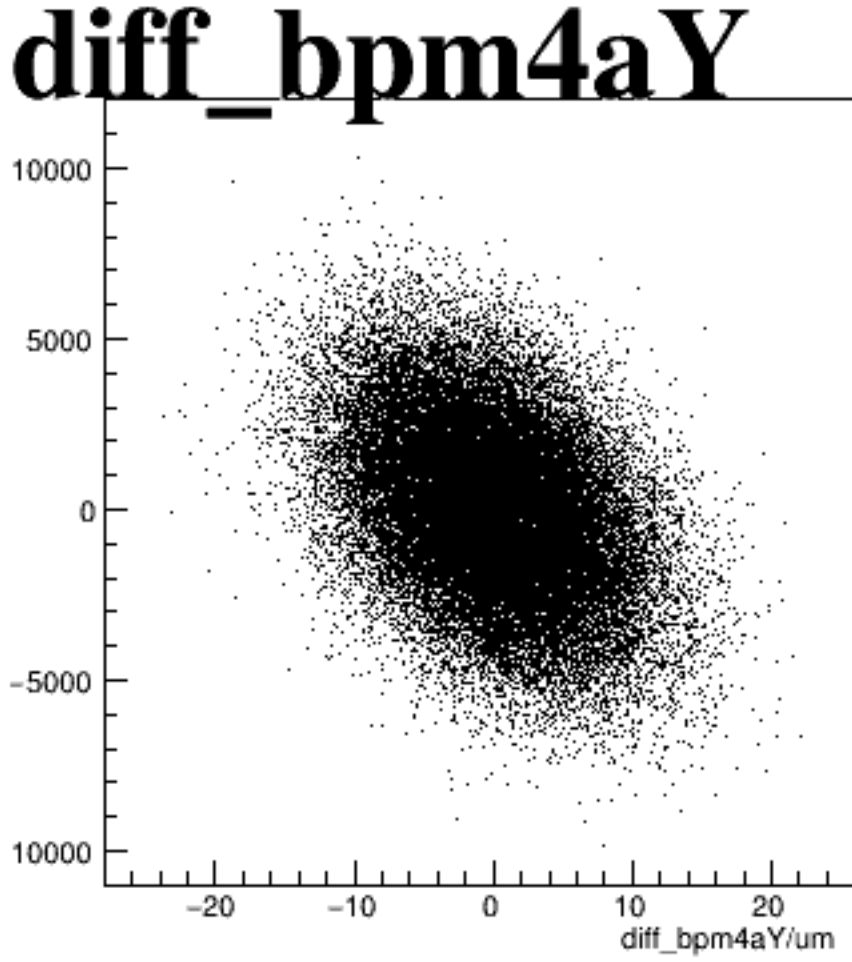
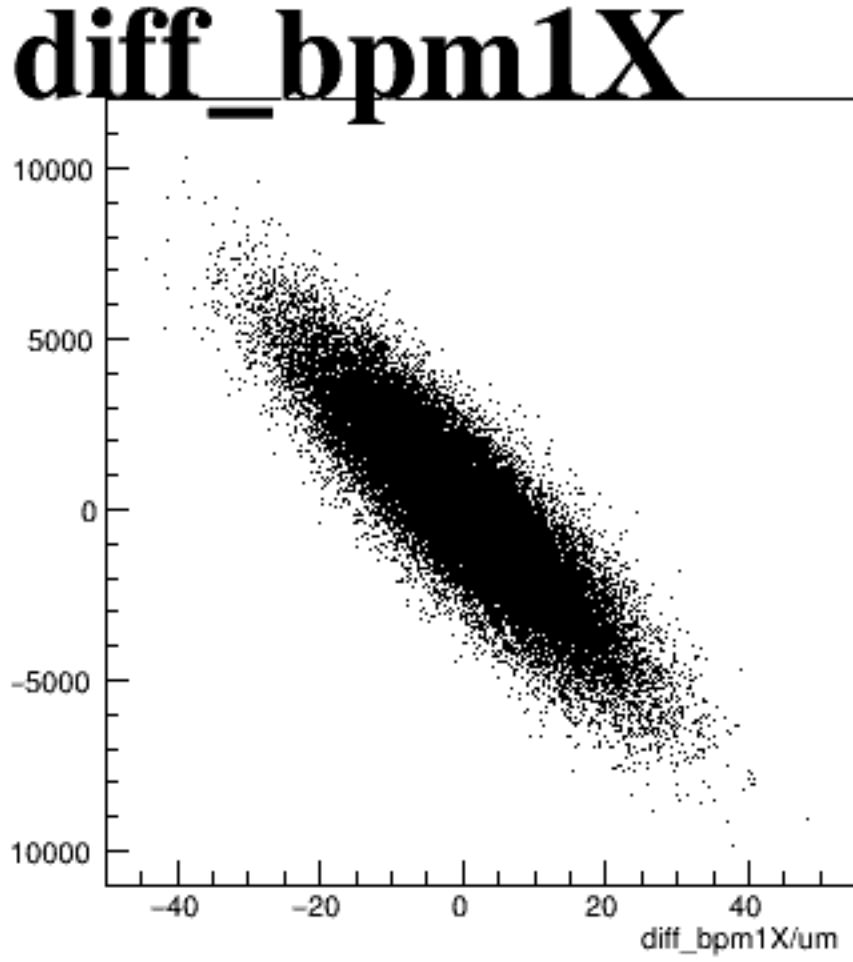
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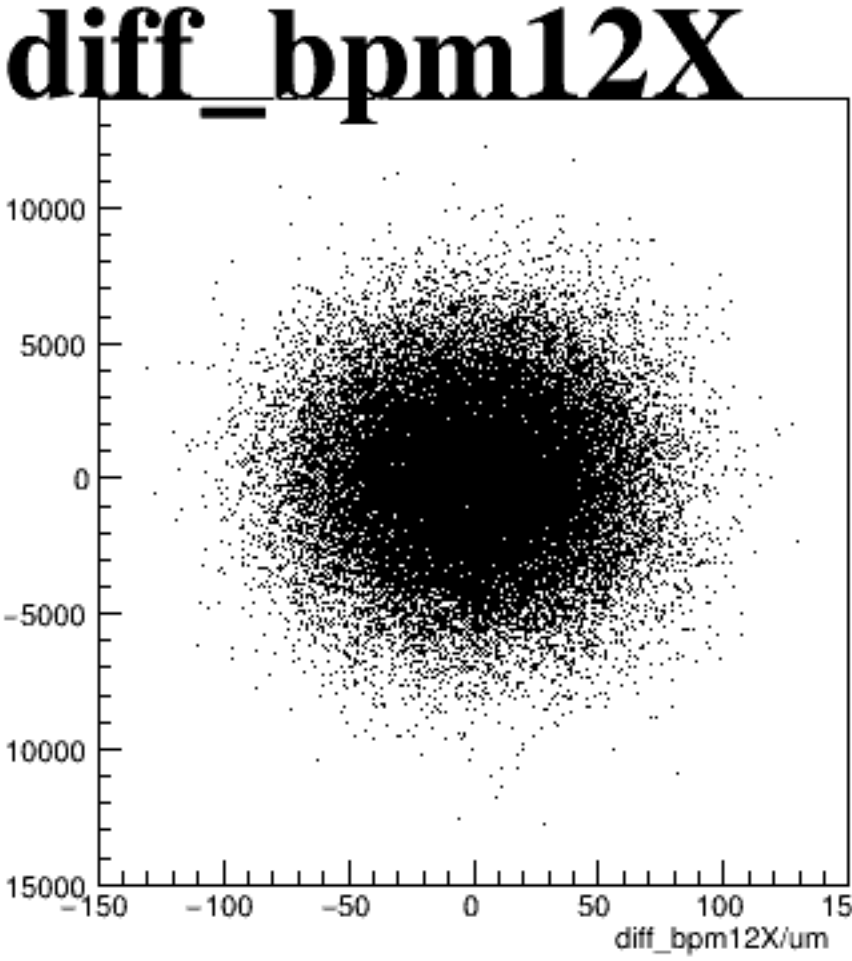
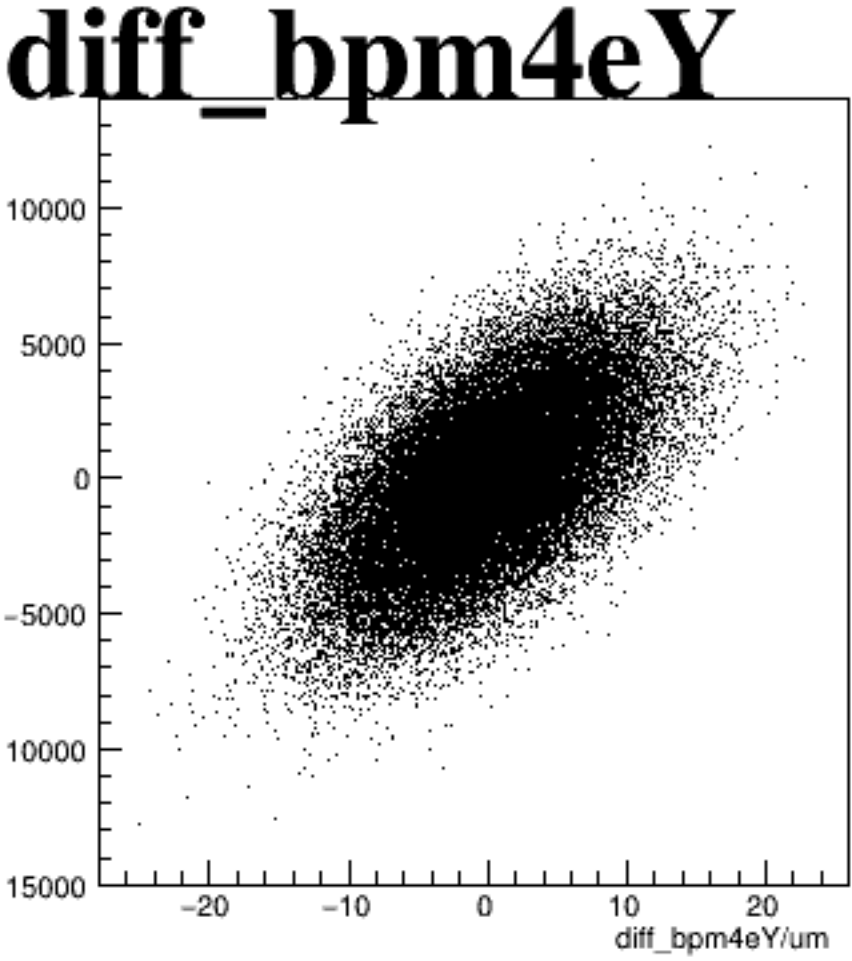
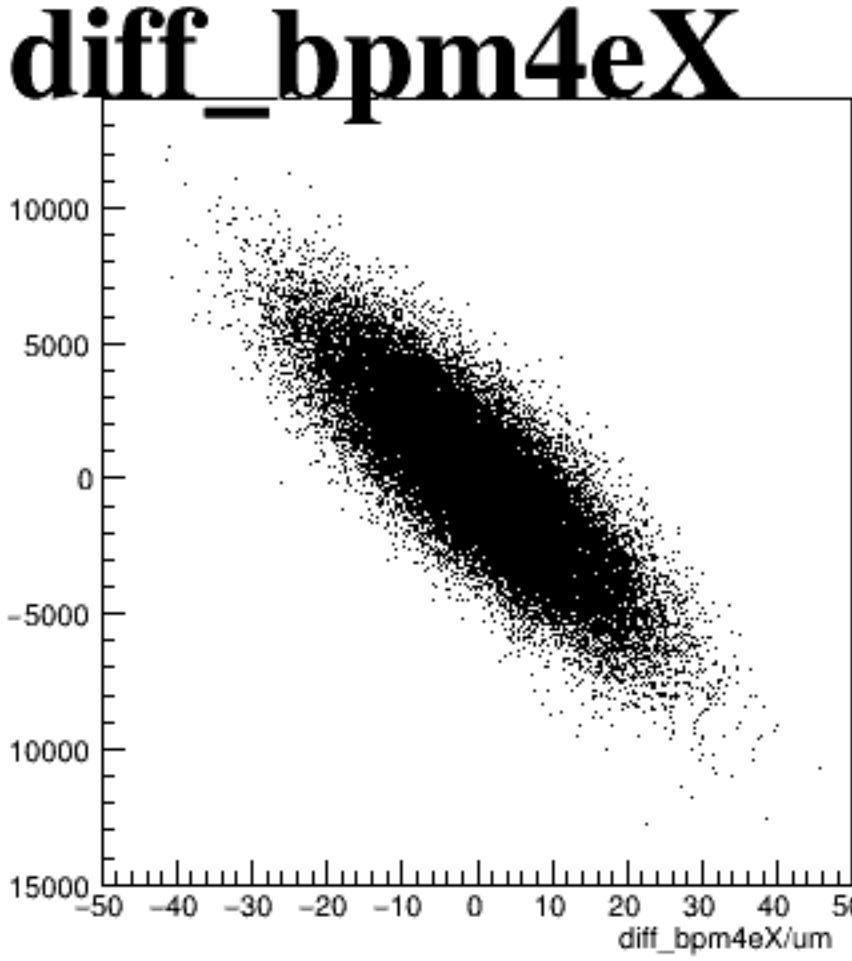
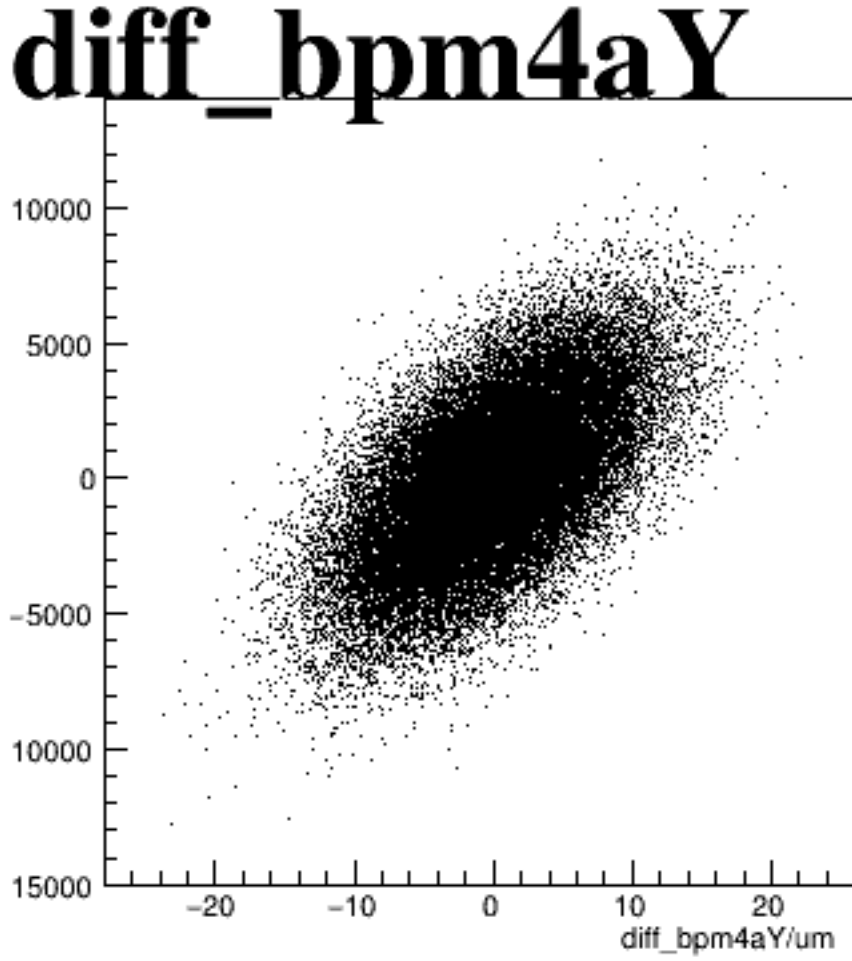
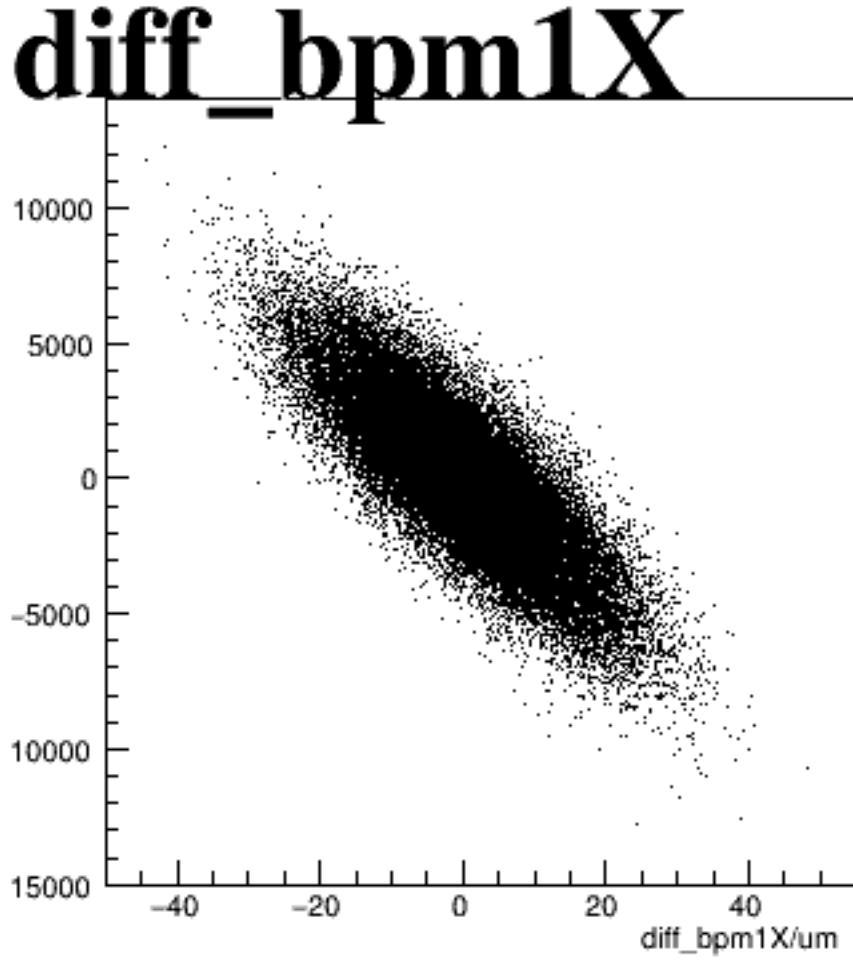
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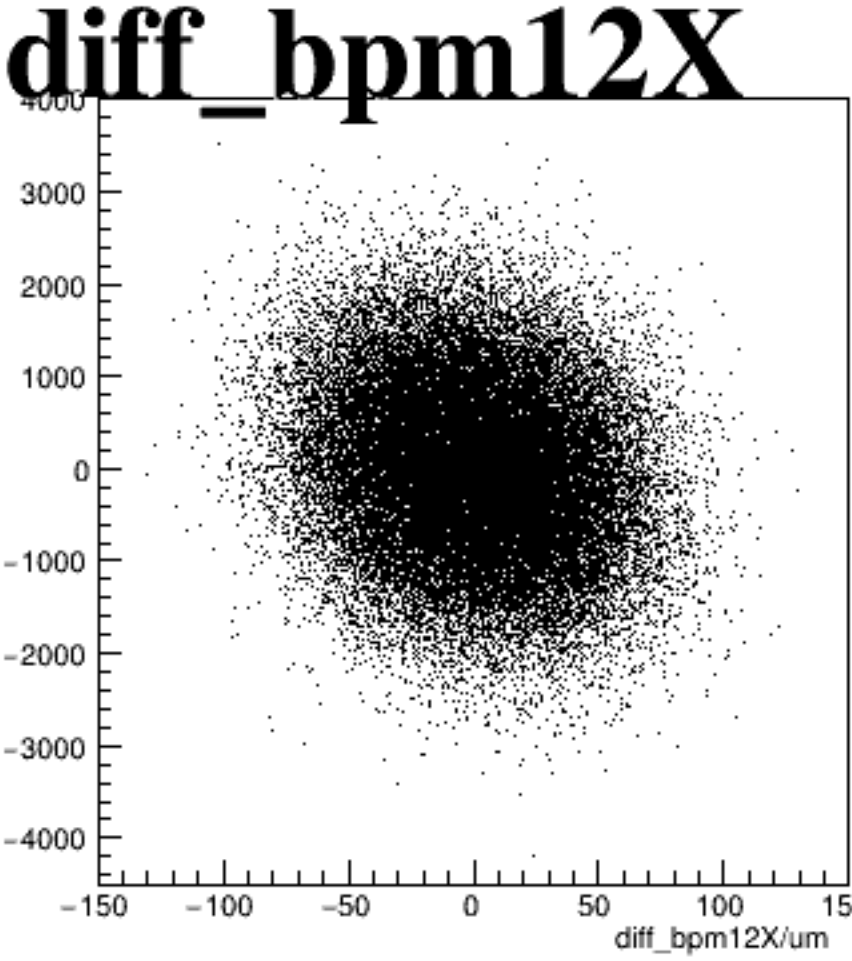
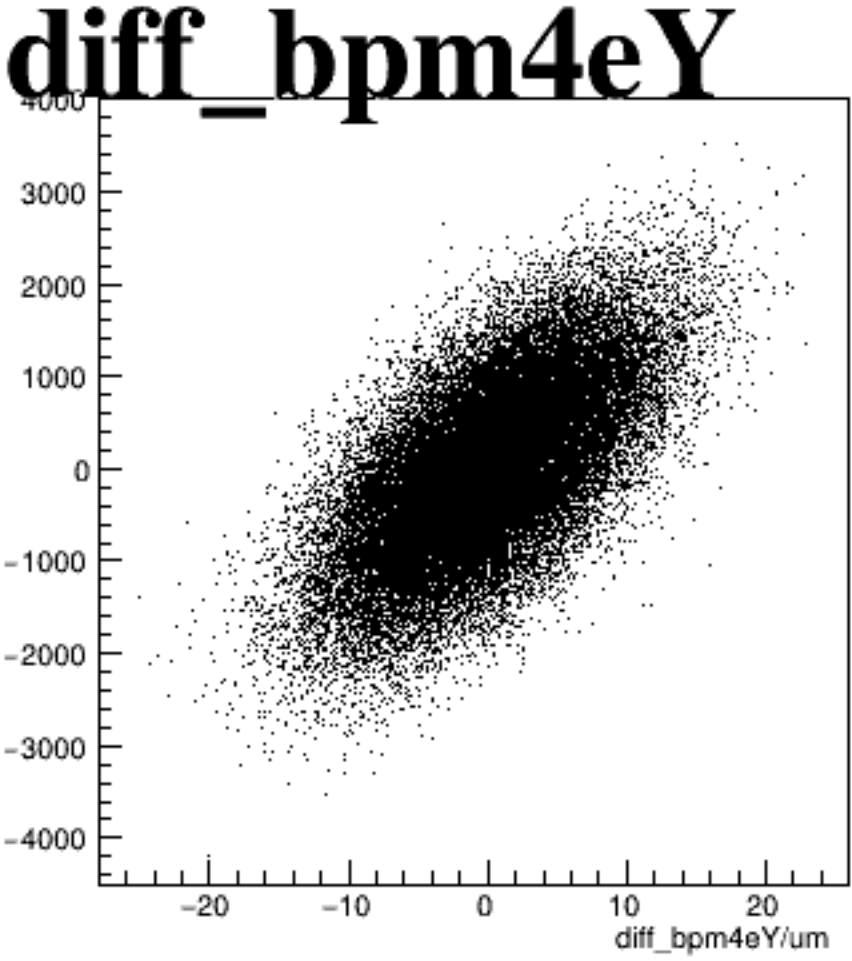
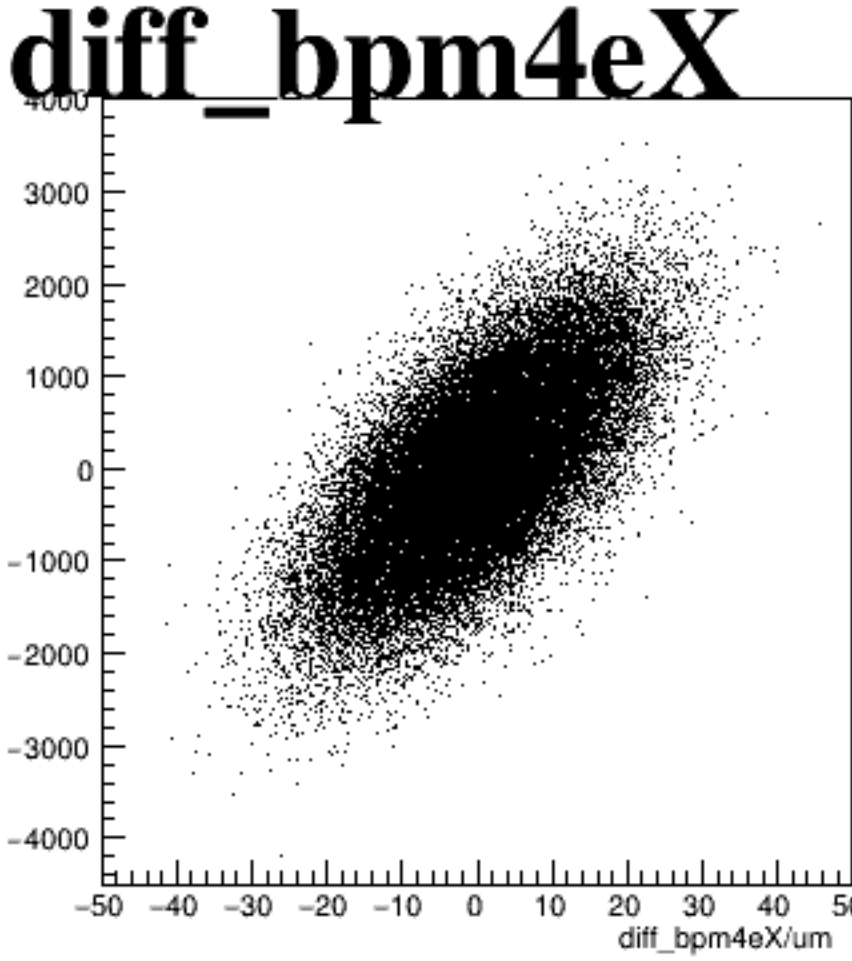
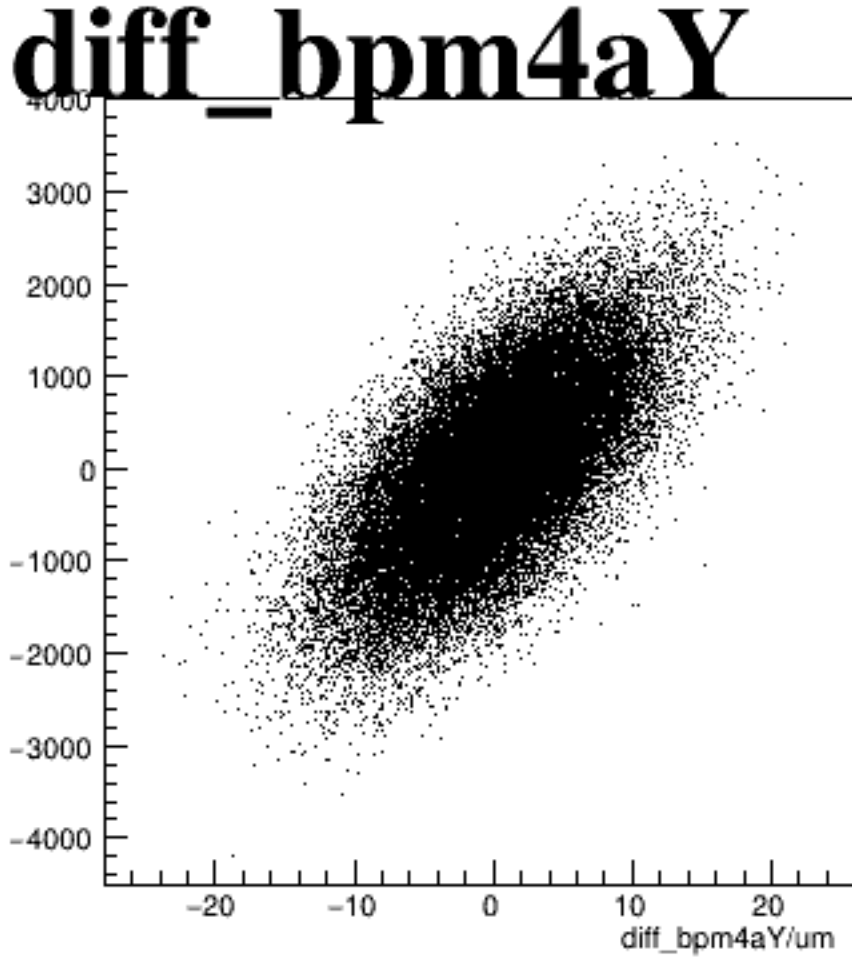
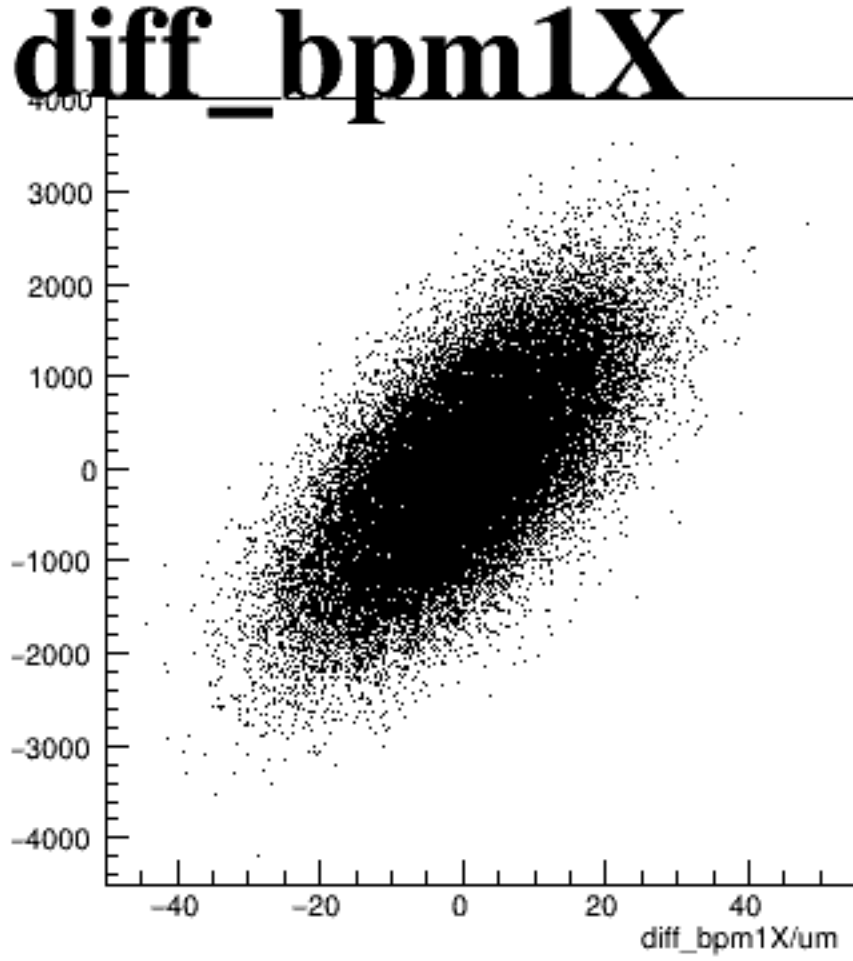
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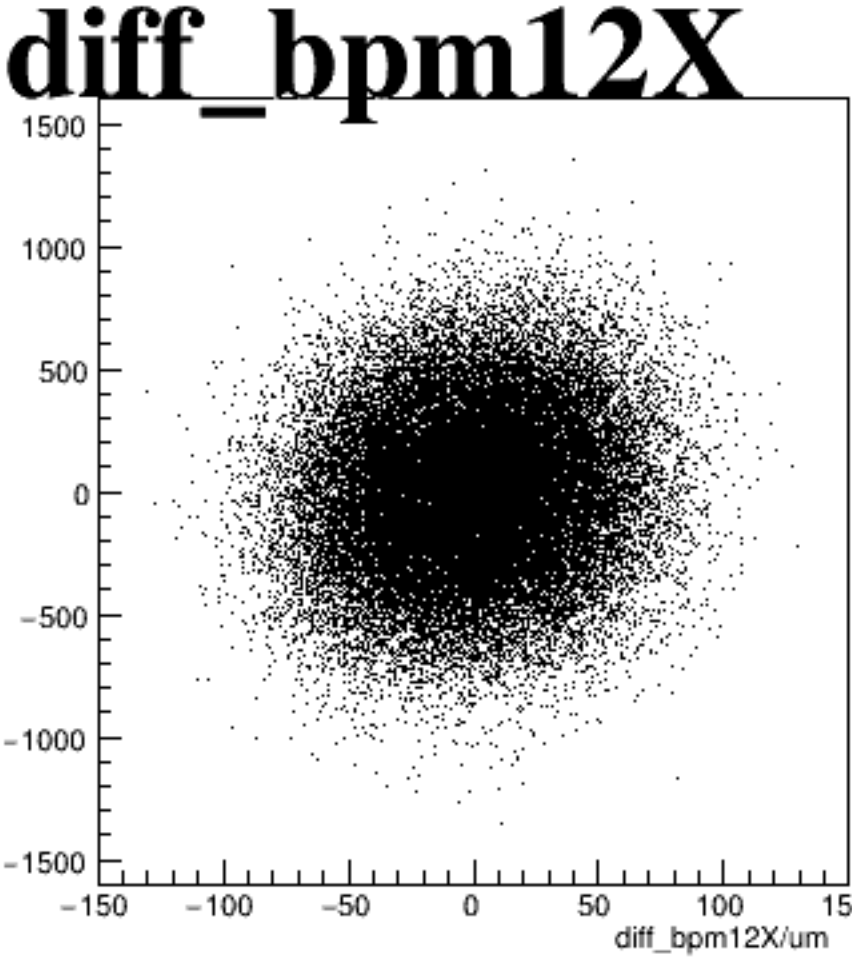
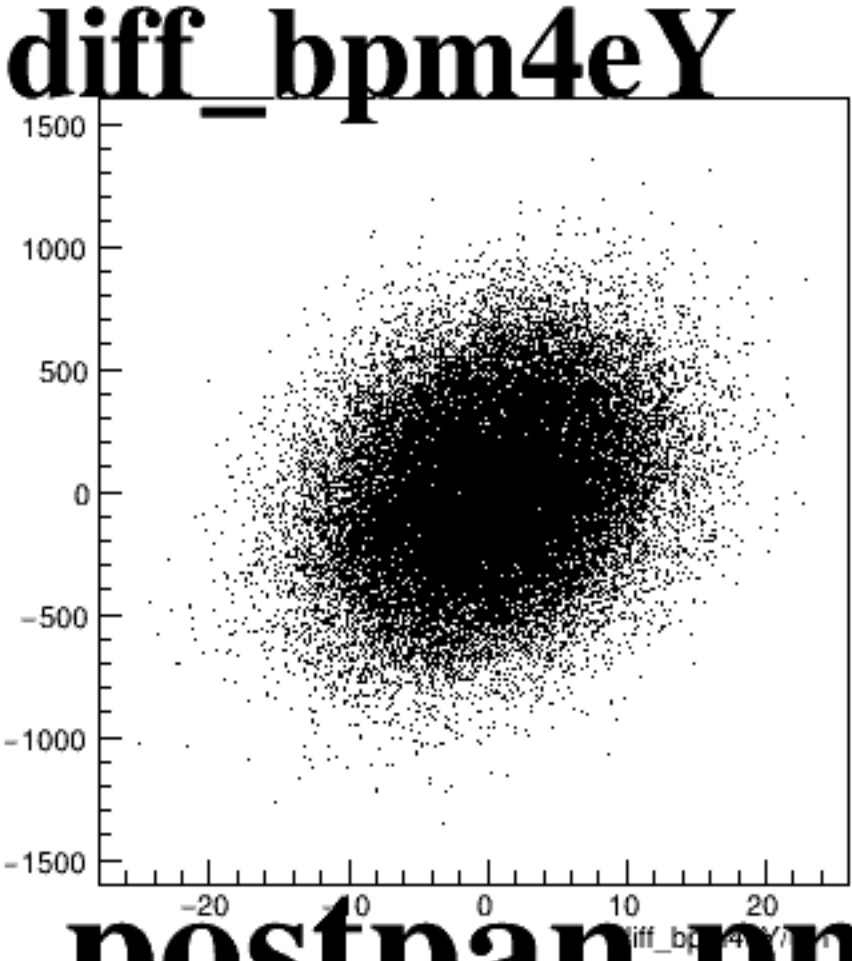
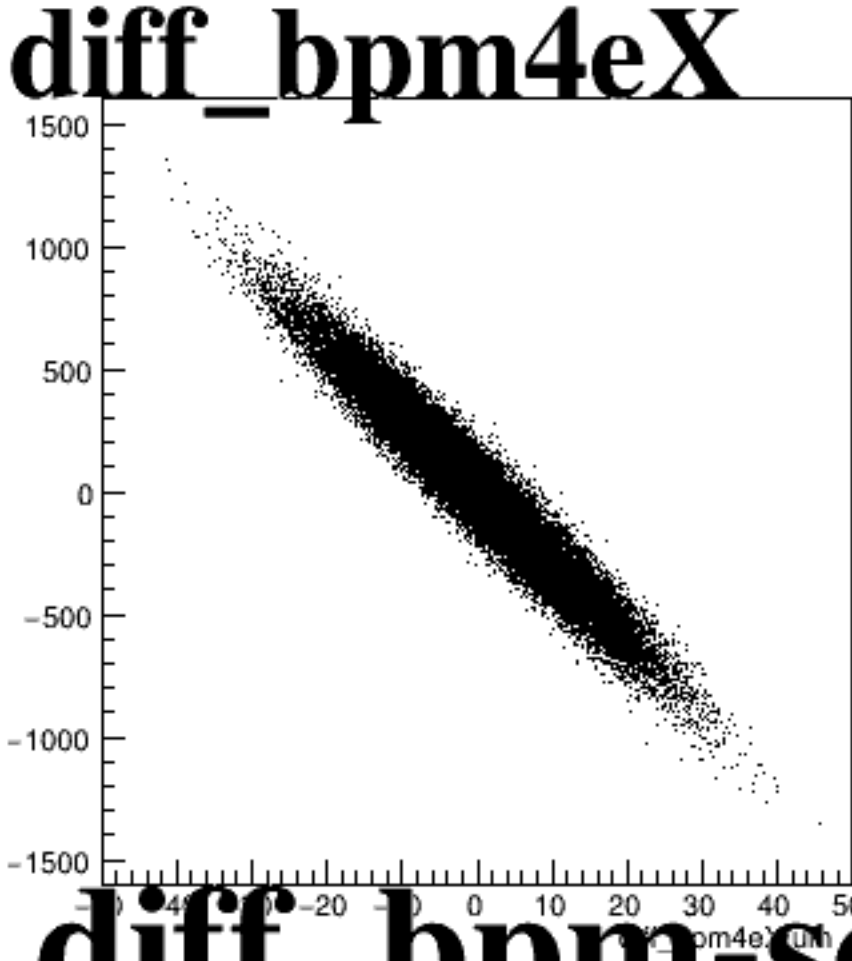
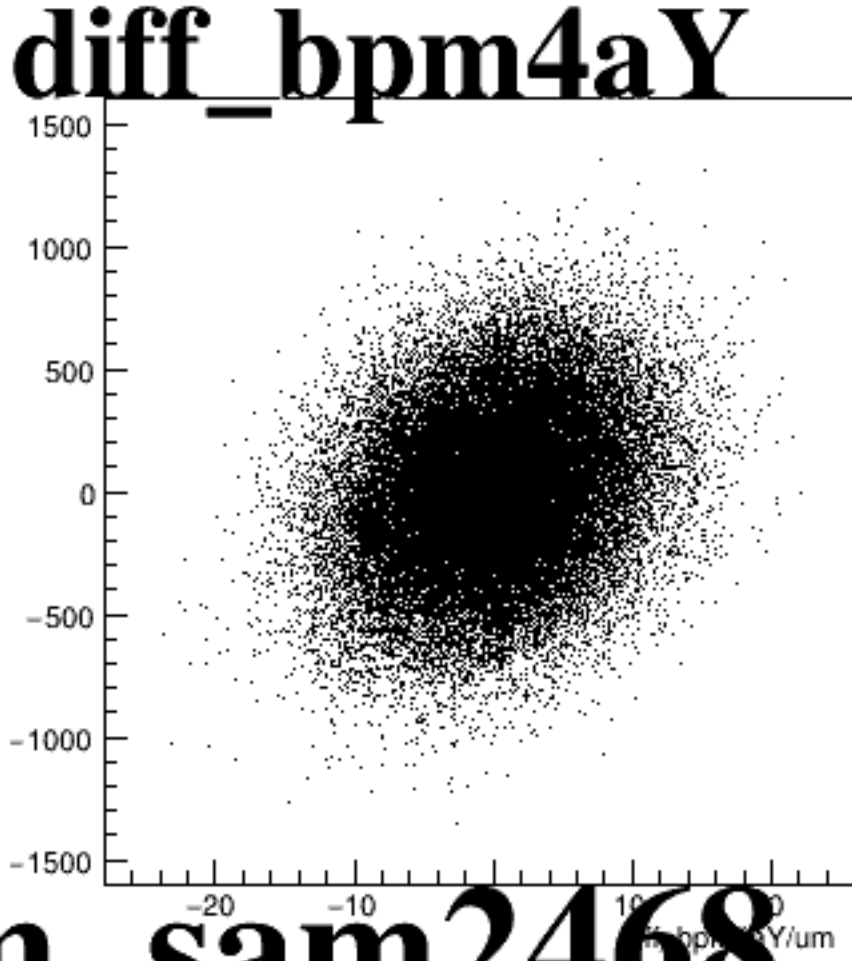
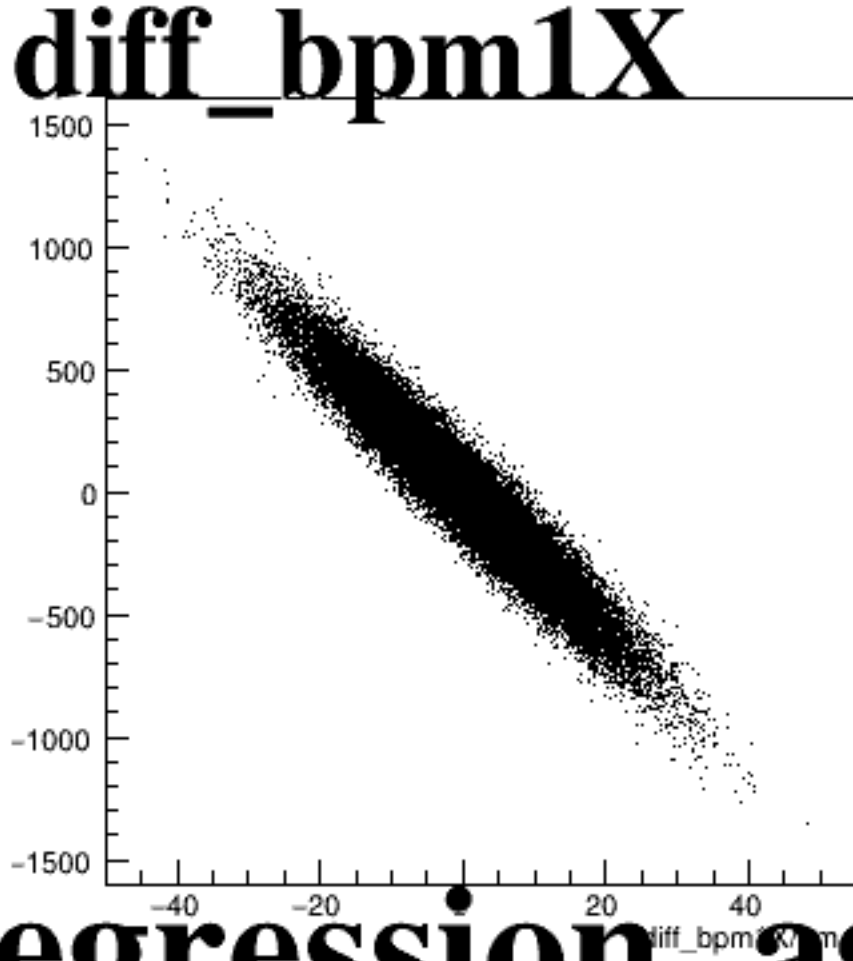
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asym_sam6



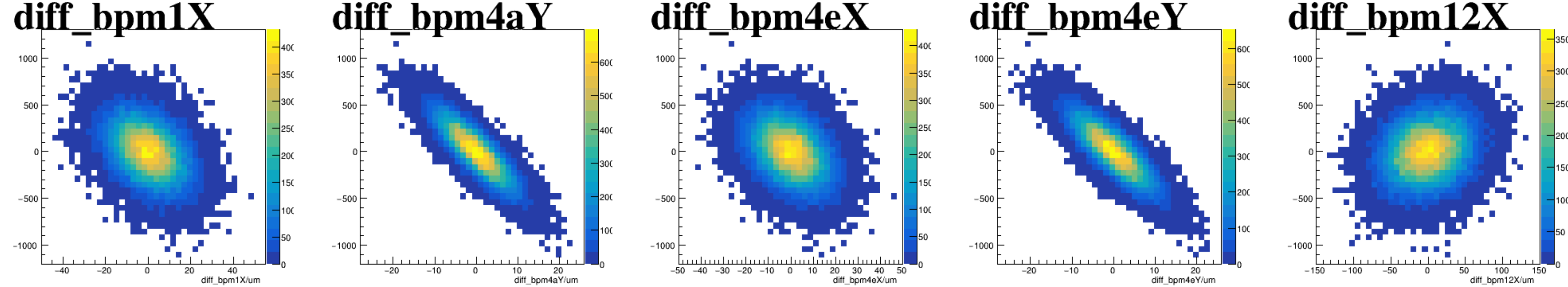
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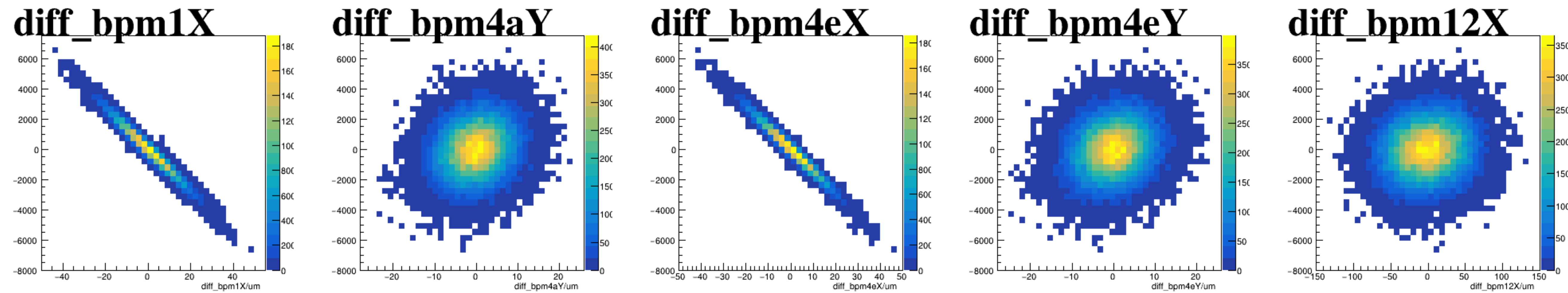
The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff_bpm) for a specific beam parameter. The y-axis for all plots ranges from -600 to 600. The x-axis for each plot is labeled with the parameter name and the unit 'um'.

- diff_bpm1X**: The x-axis ranges from -40 to 40. The data points are centered around 0.
- diff_bpm4aY**: The x-axis ranges from -20 to 20. The data points are centered around 0.
- diff_bpm4eX**: The x-axis ranges from -50 to 50. The data points are centered around 0.
- diff_bpm4eY**: The x-axis ranges from -20 to 20. The data points are centered around 0.
- diff_bpm12X**: The x-axis ranges from -150 to 150. The data points are centered around 0.

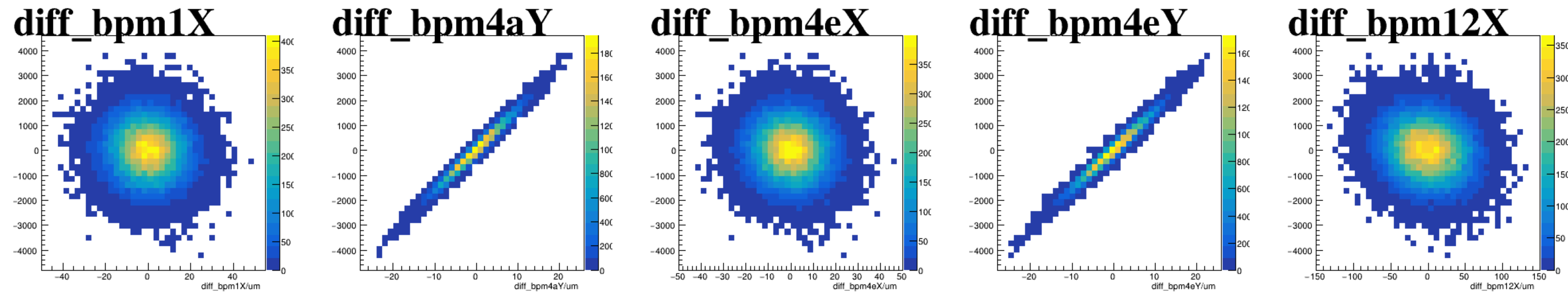
asym_sam1



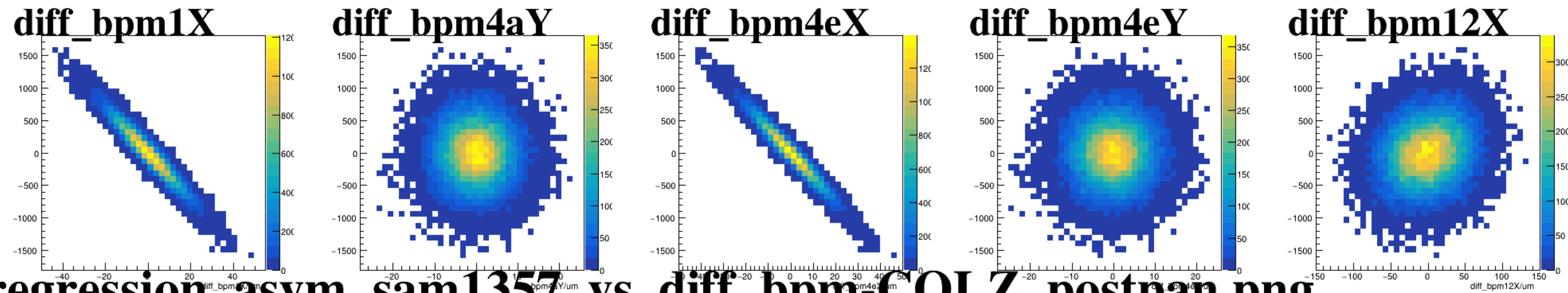
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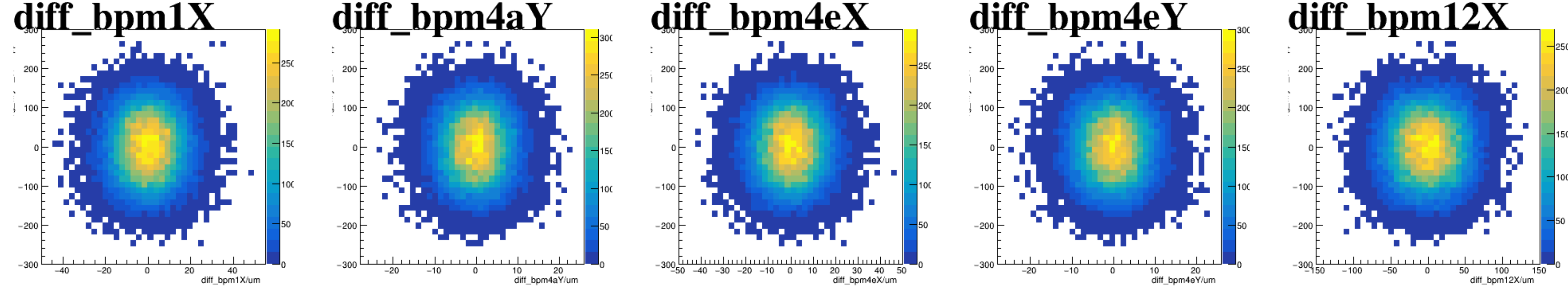
asym_sam5



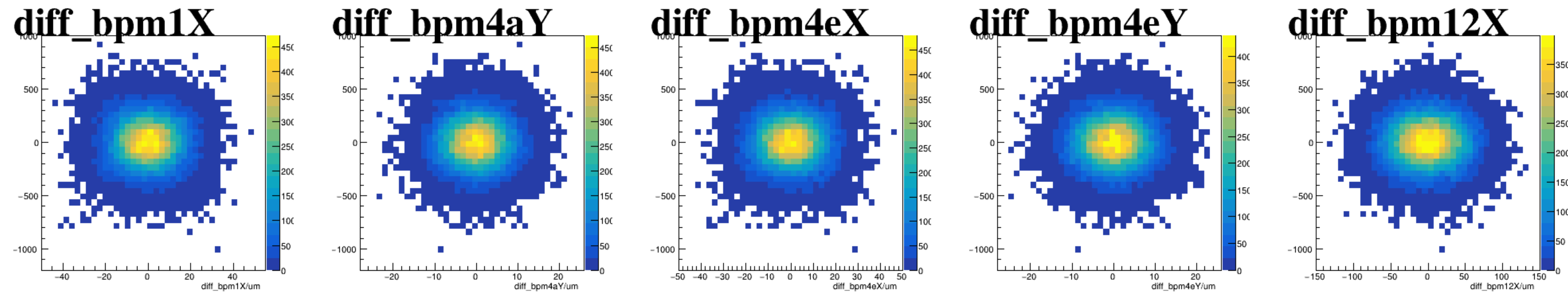
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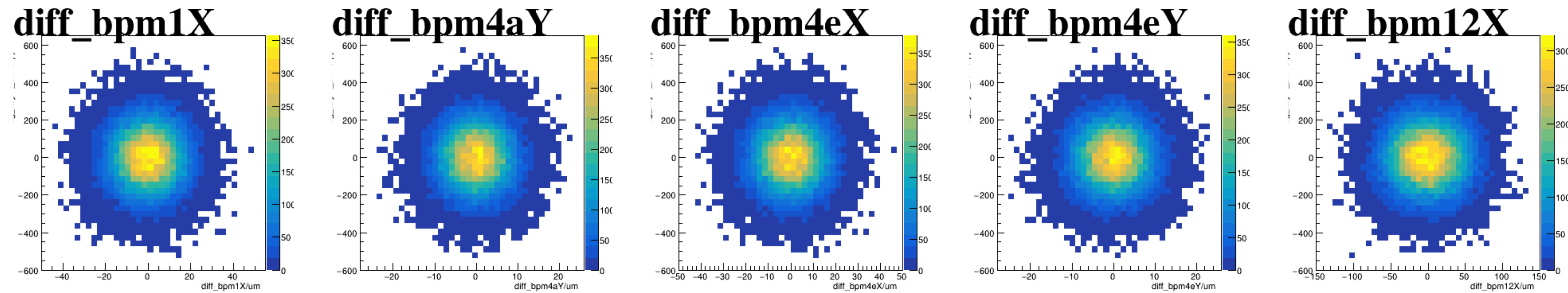
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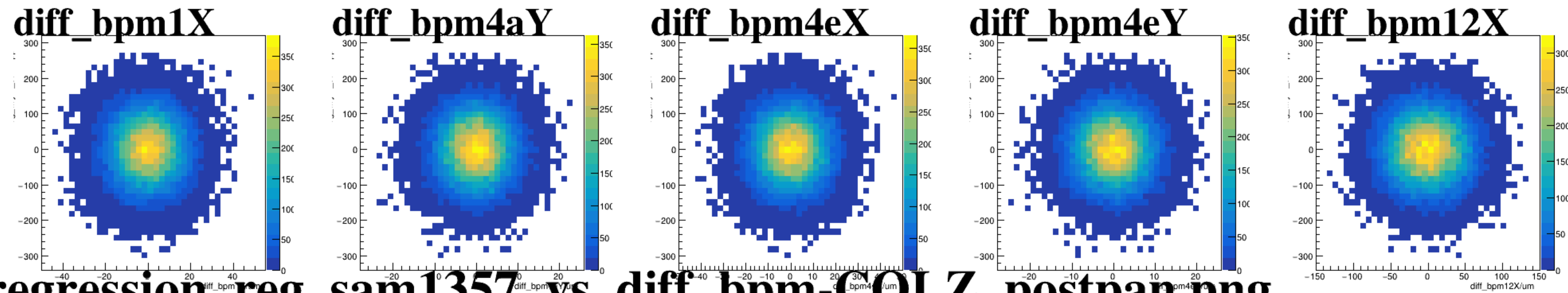
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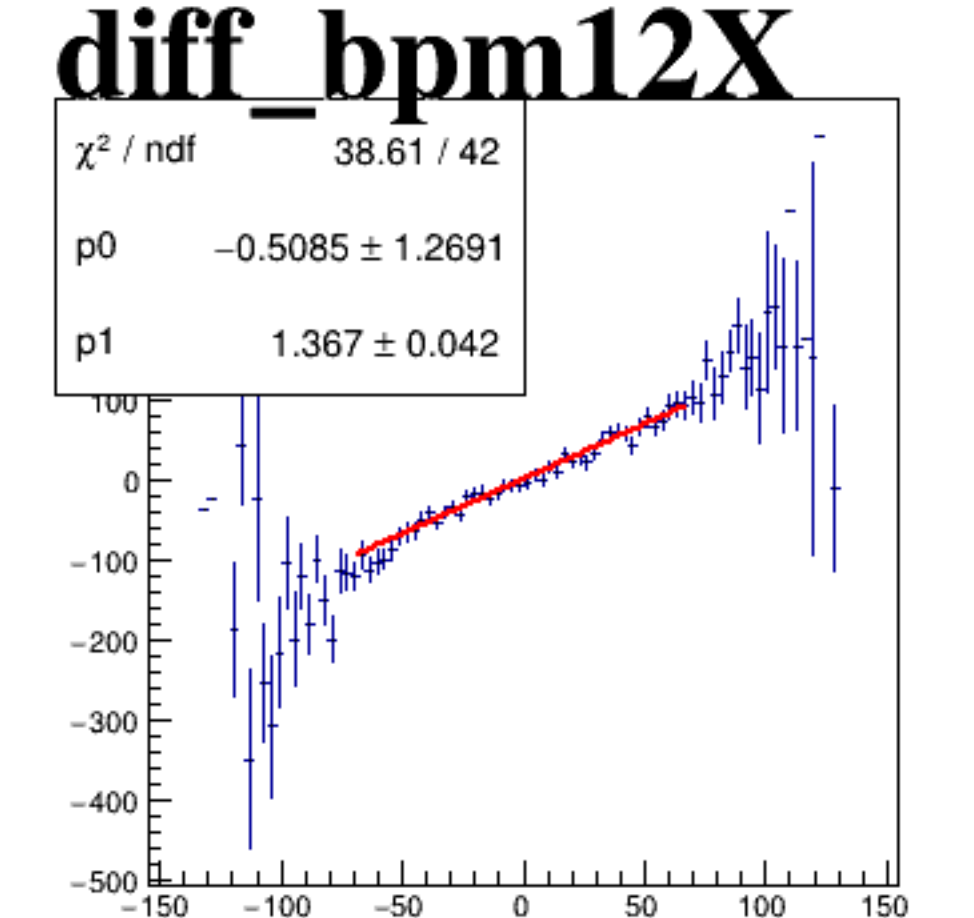
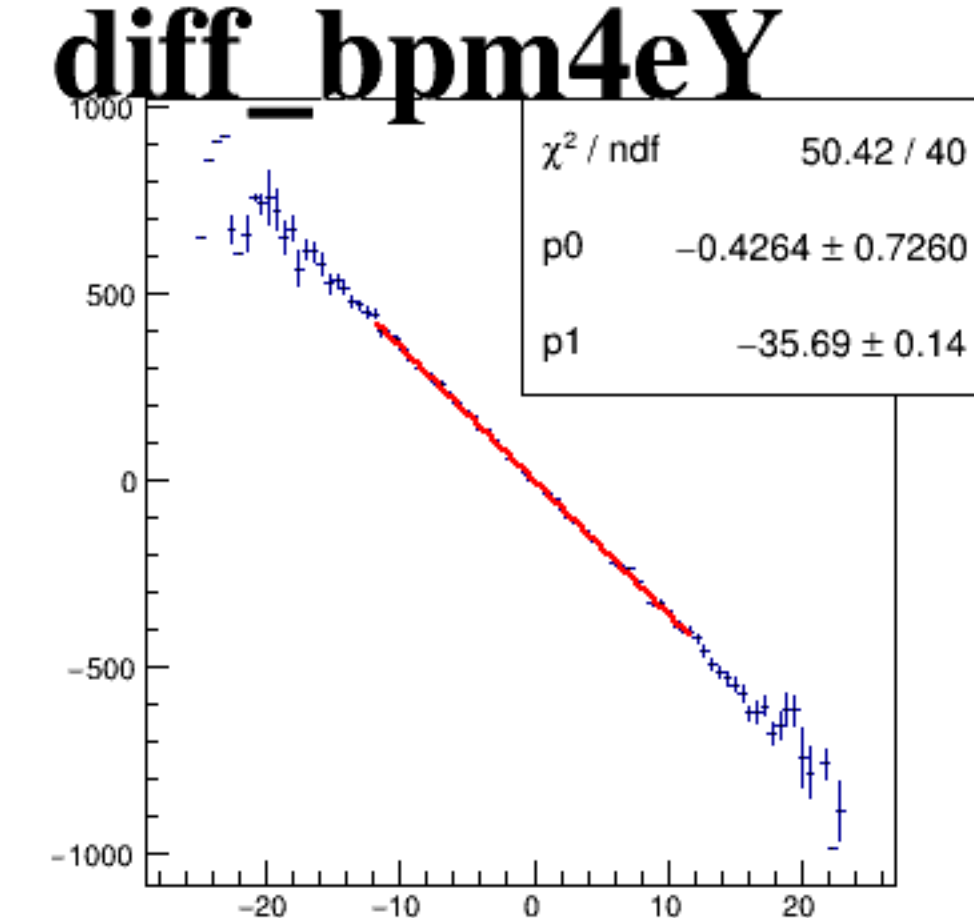
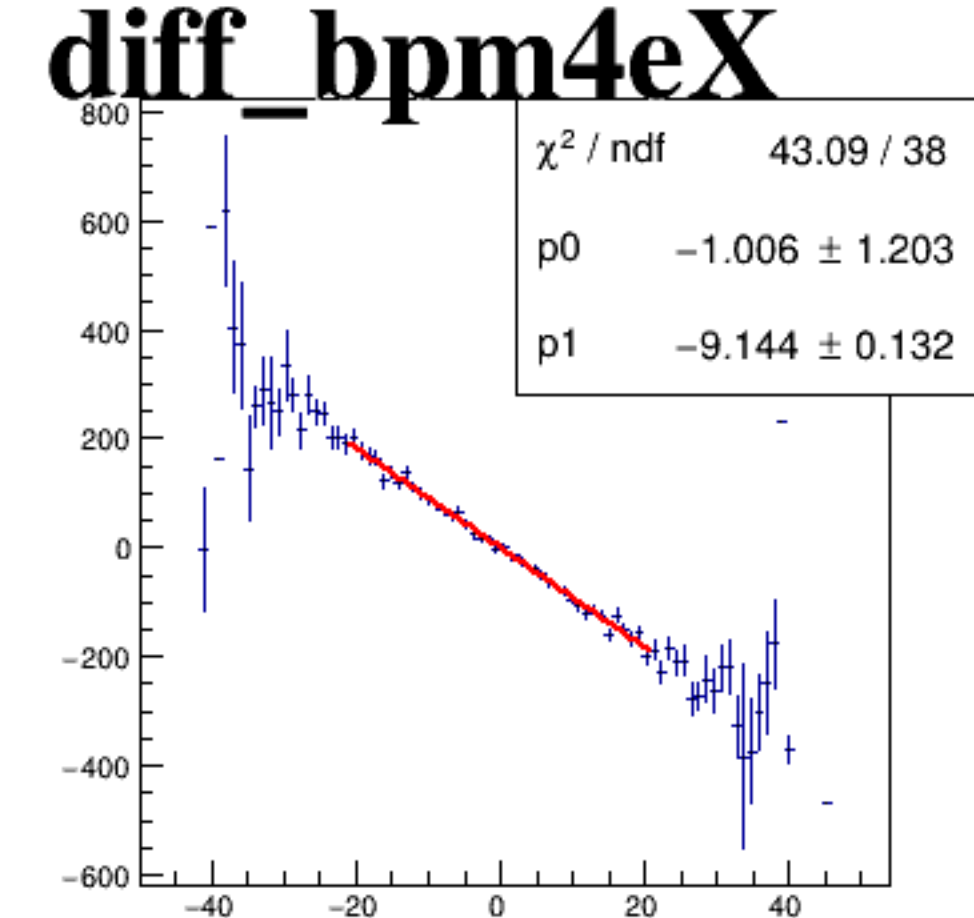
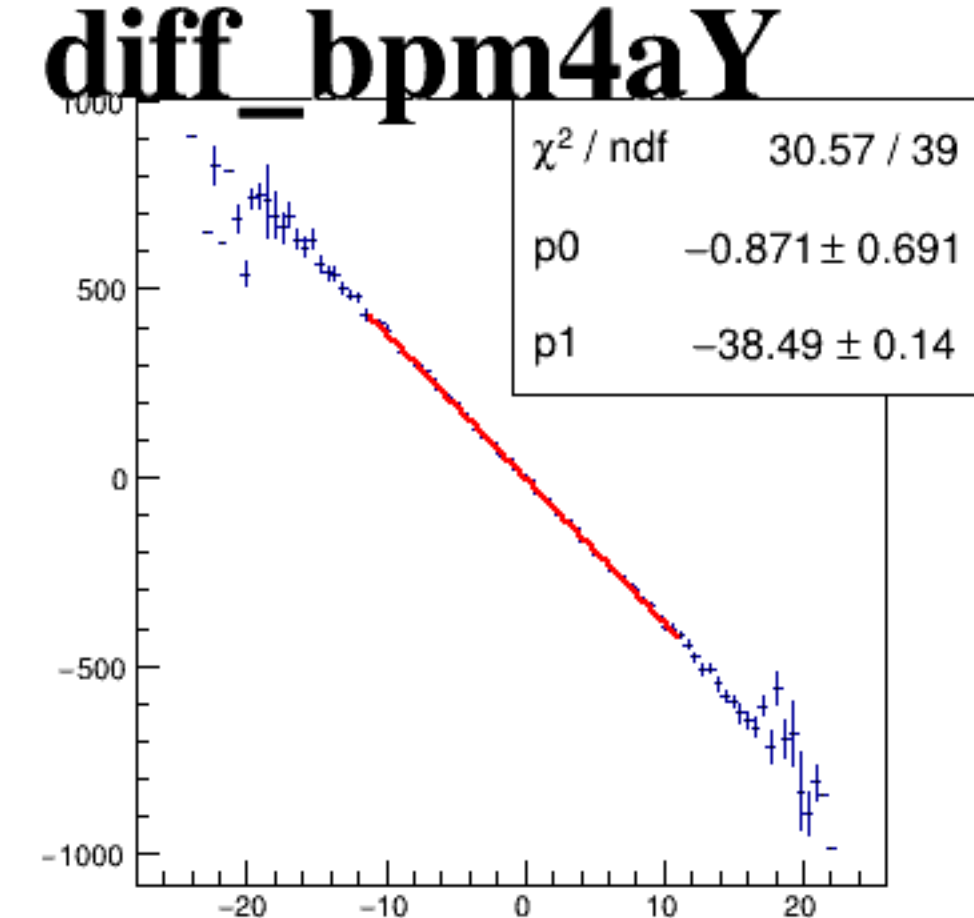
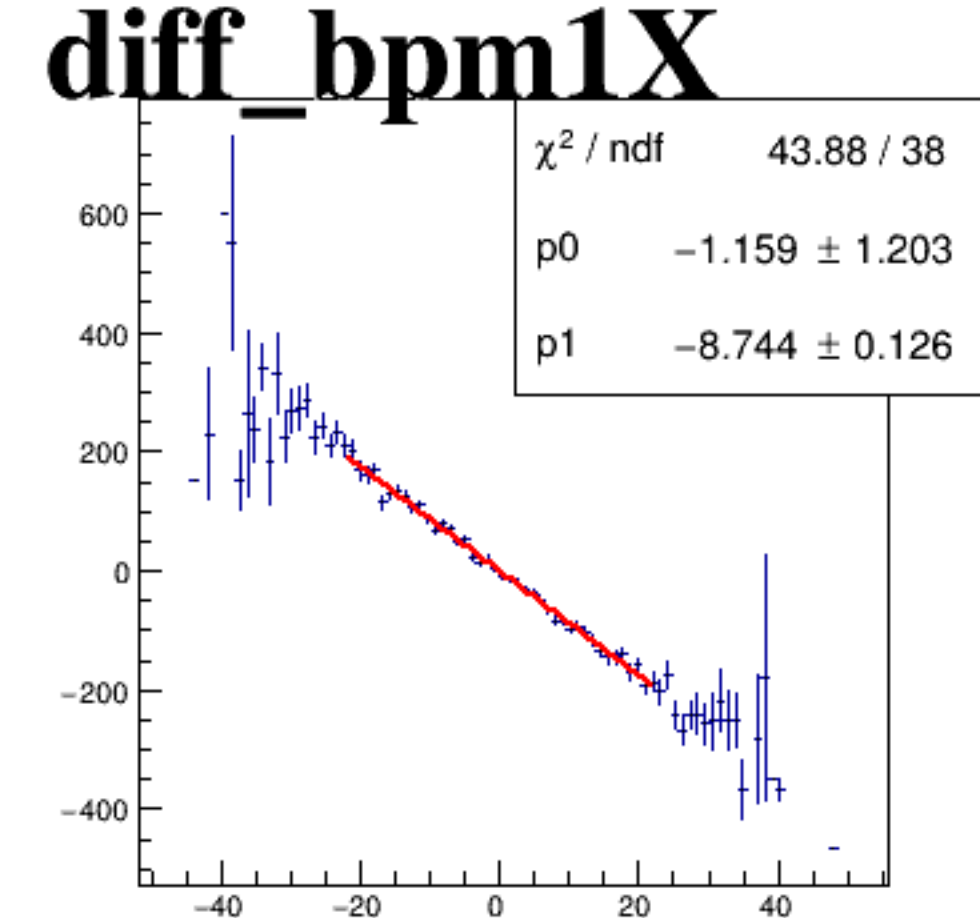
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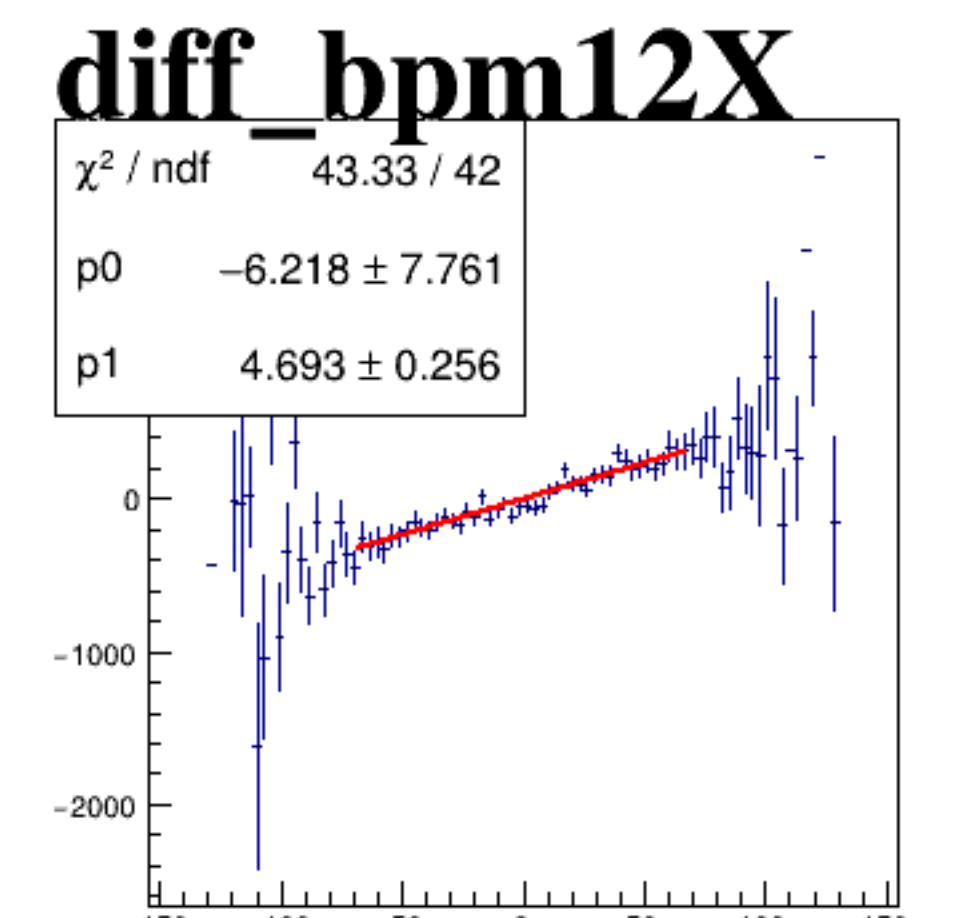
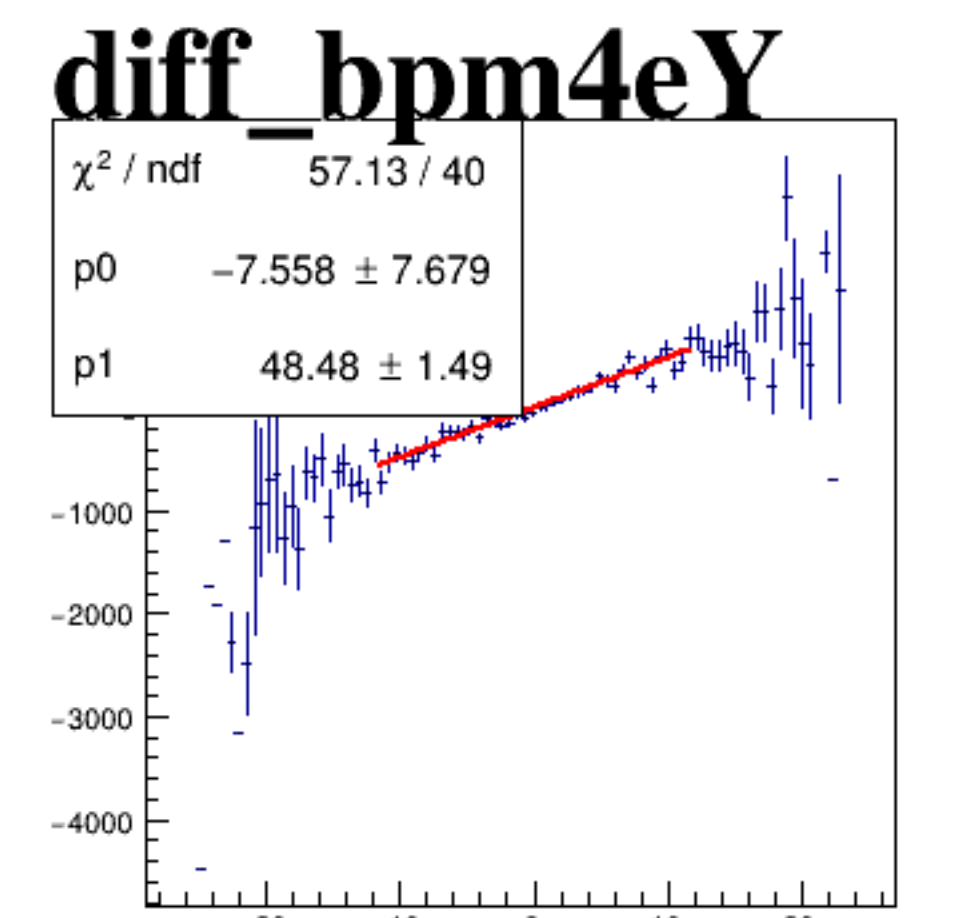
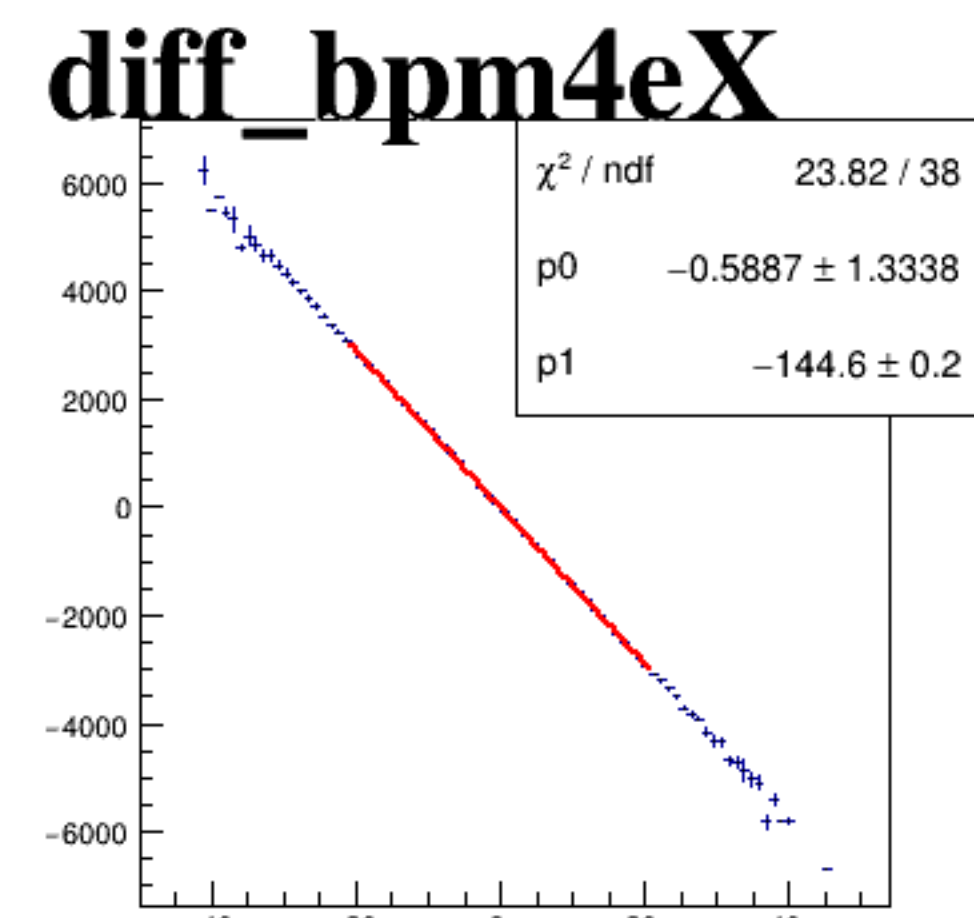
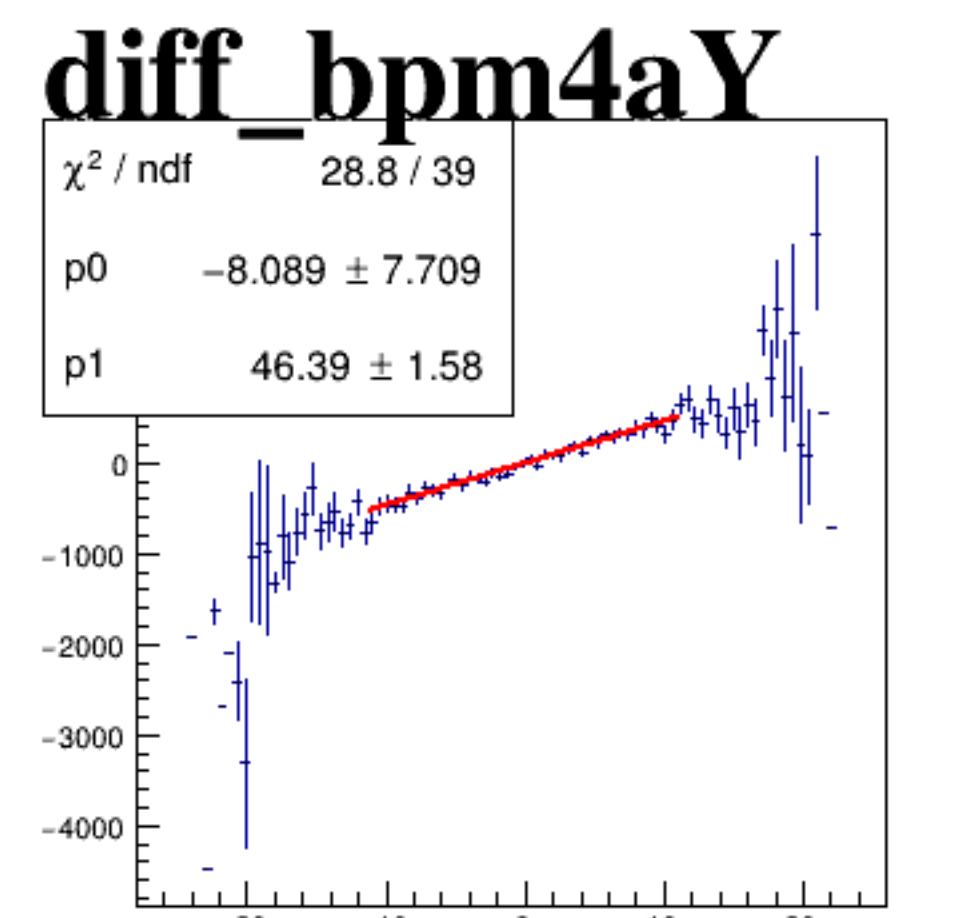
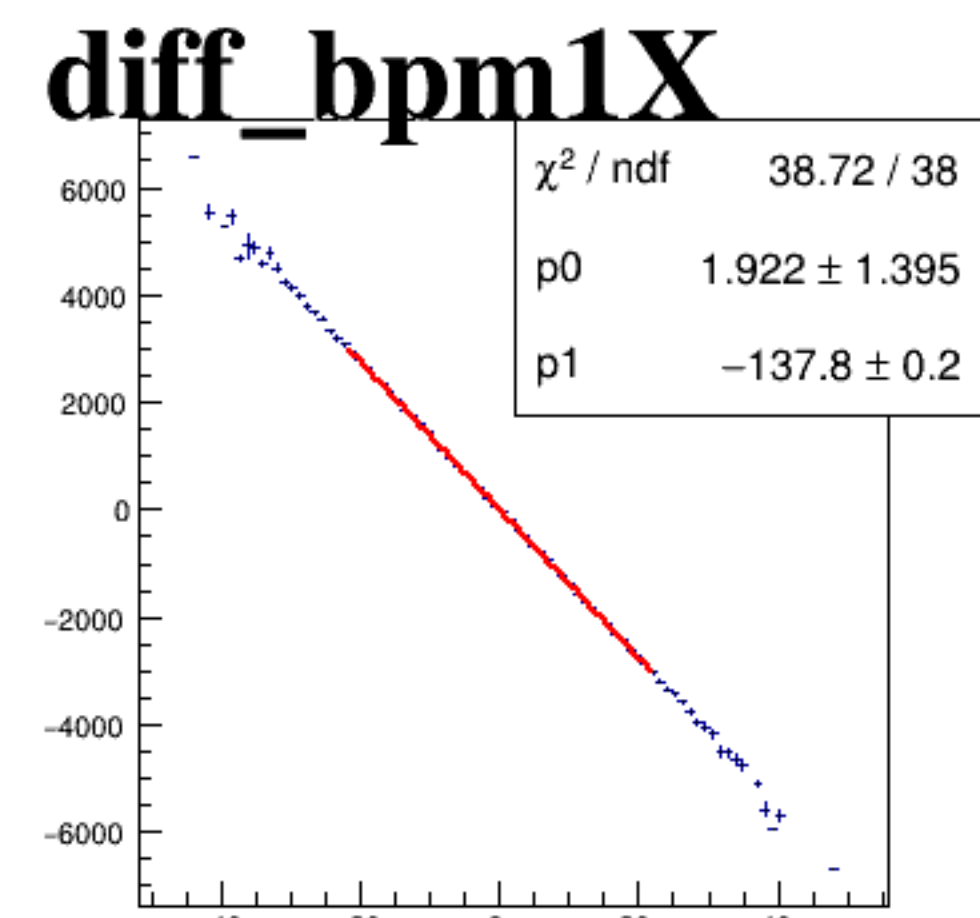
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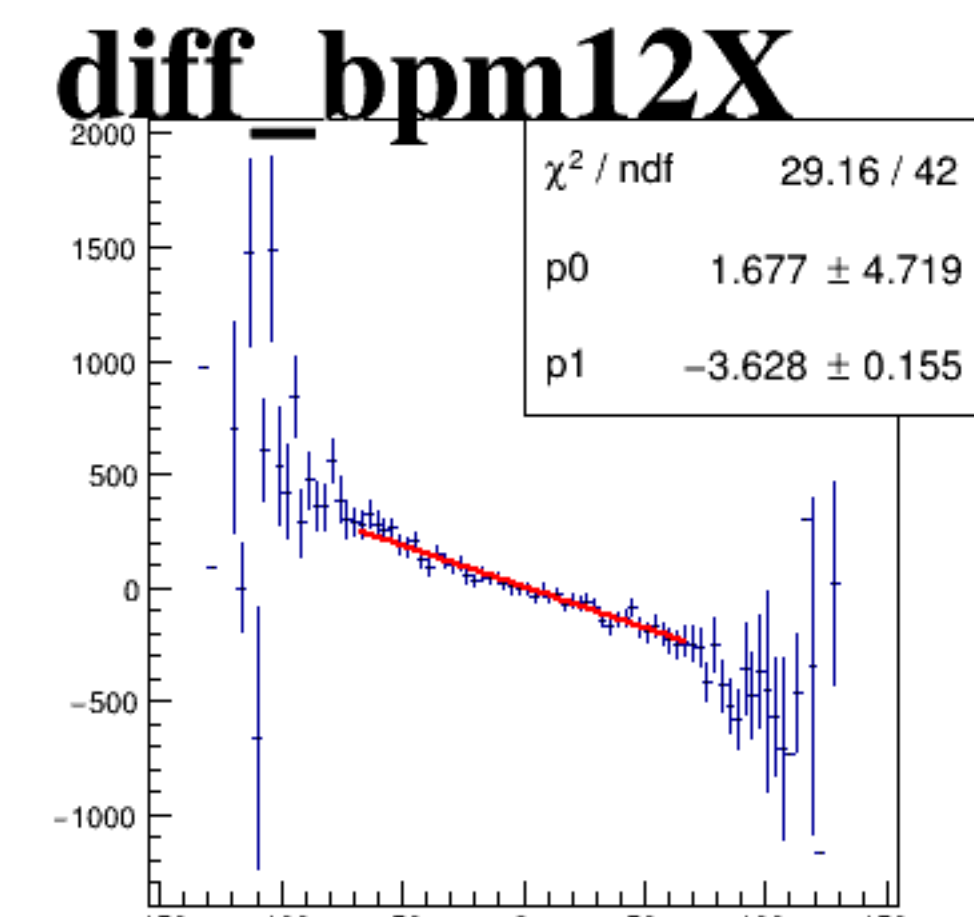
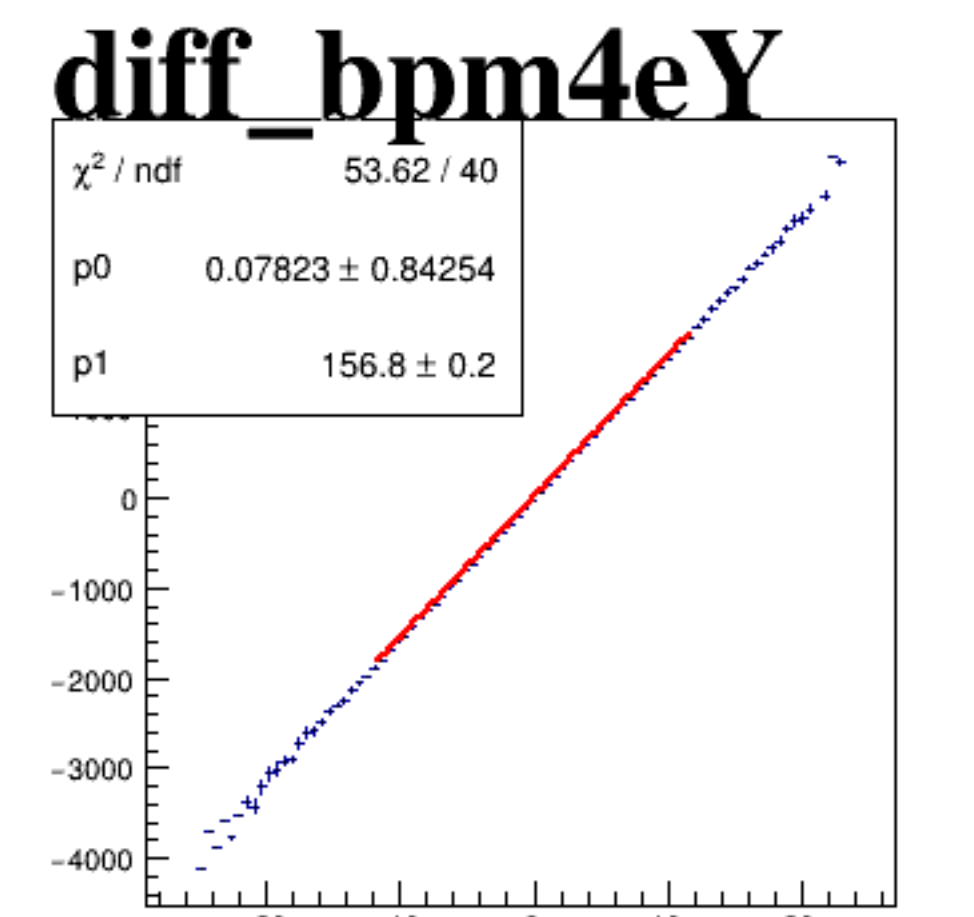
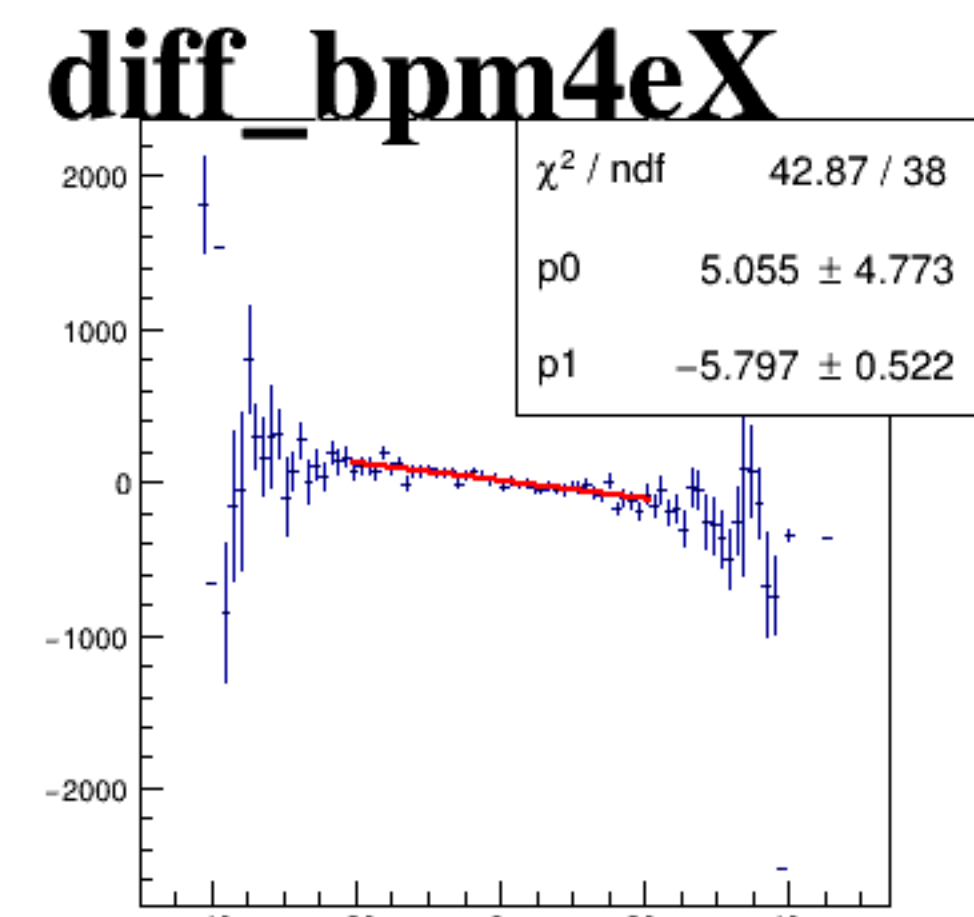
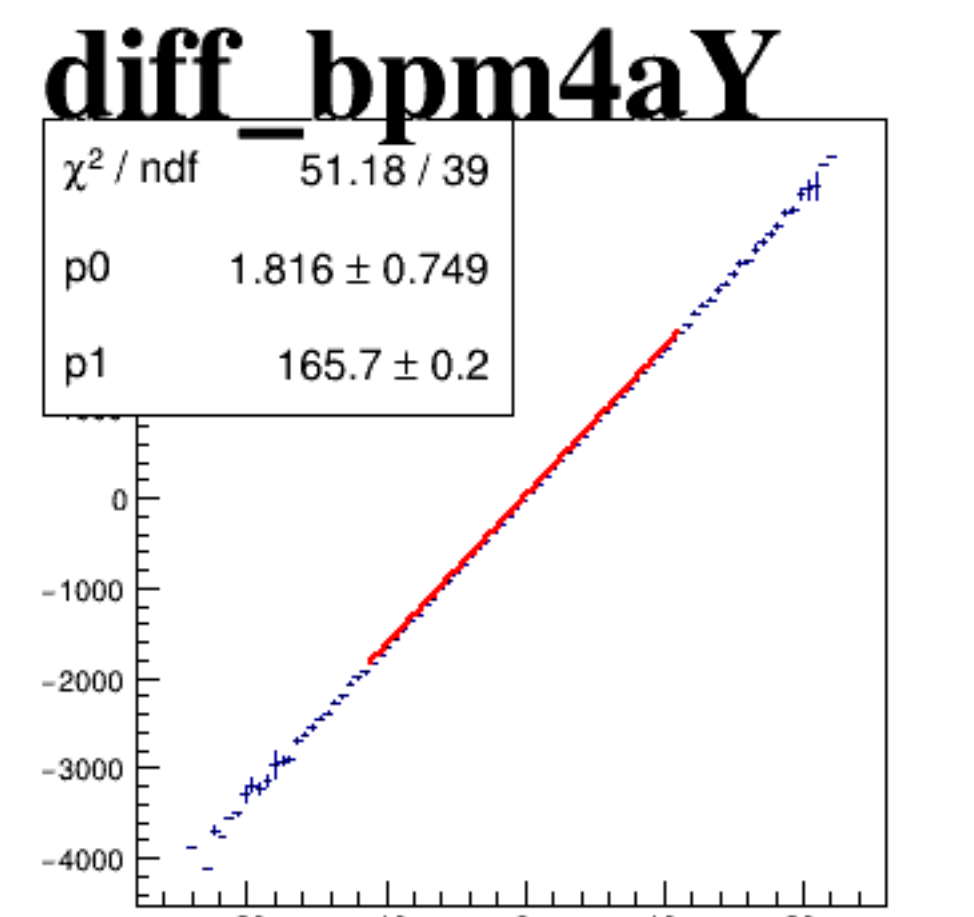
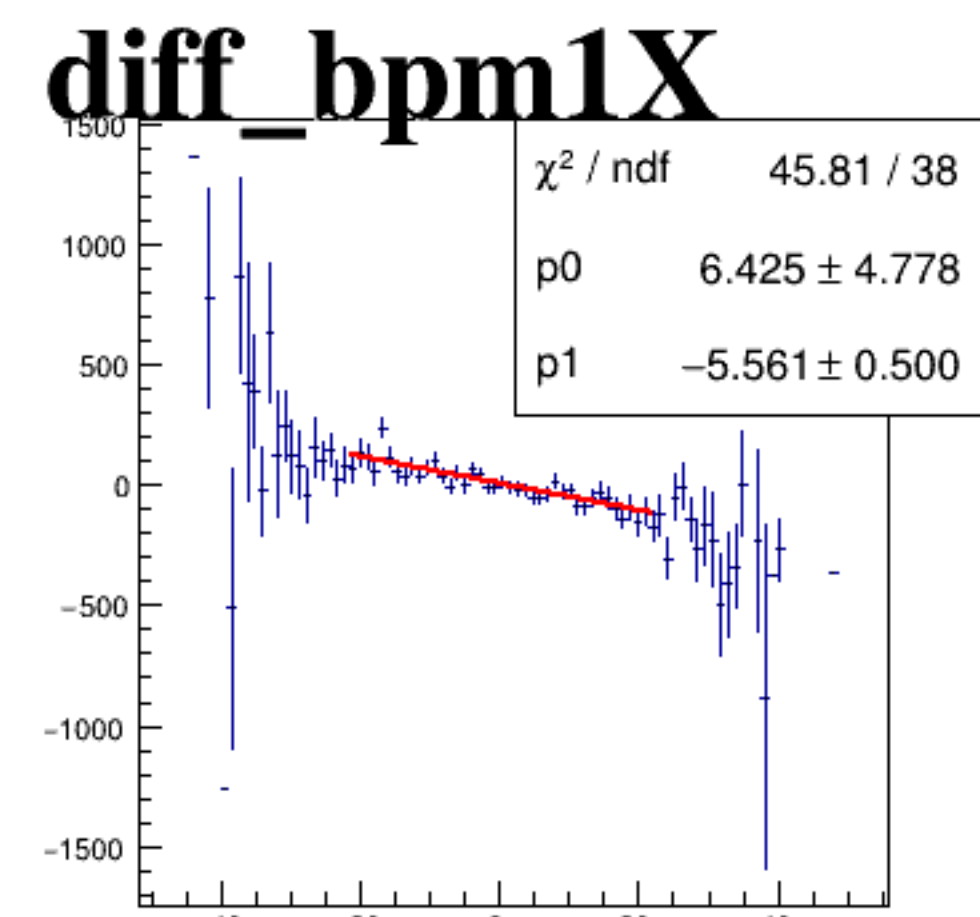
asym_sam1



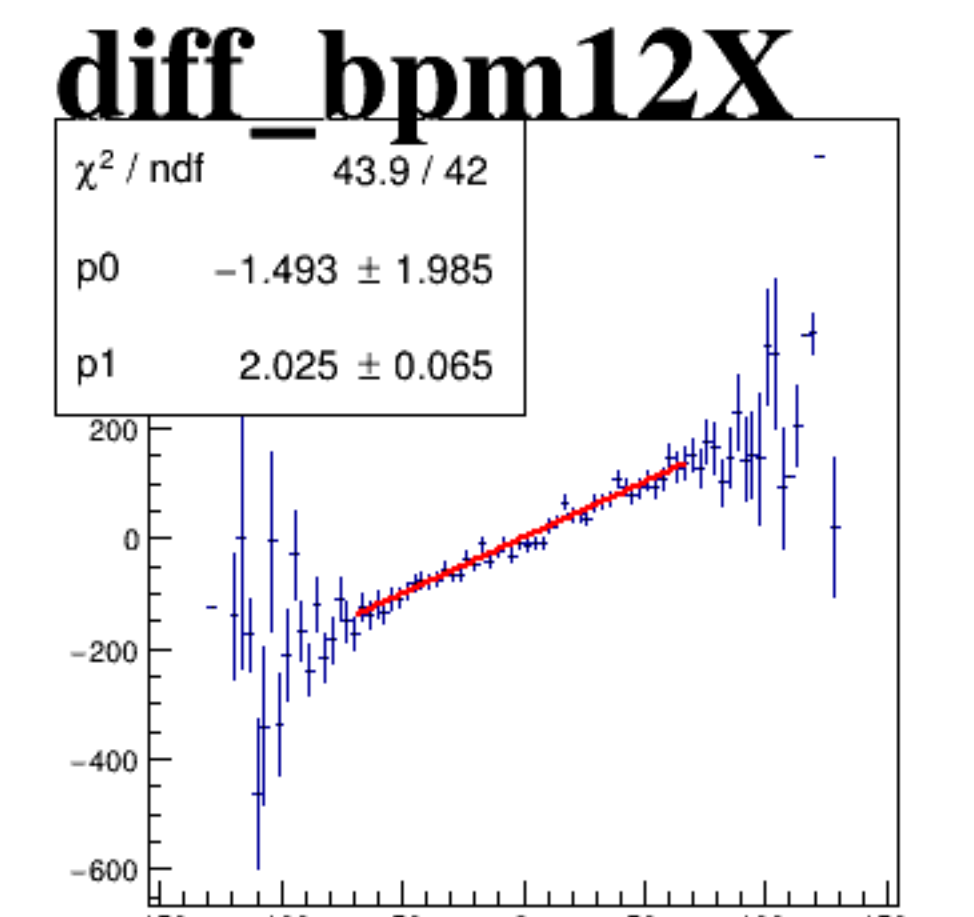
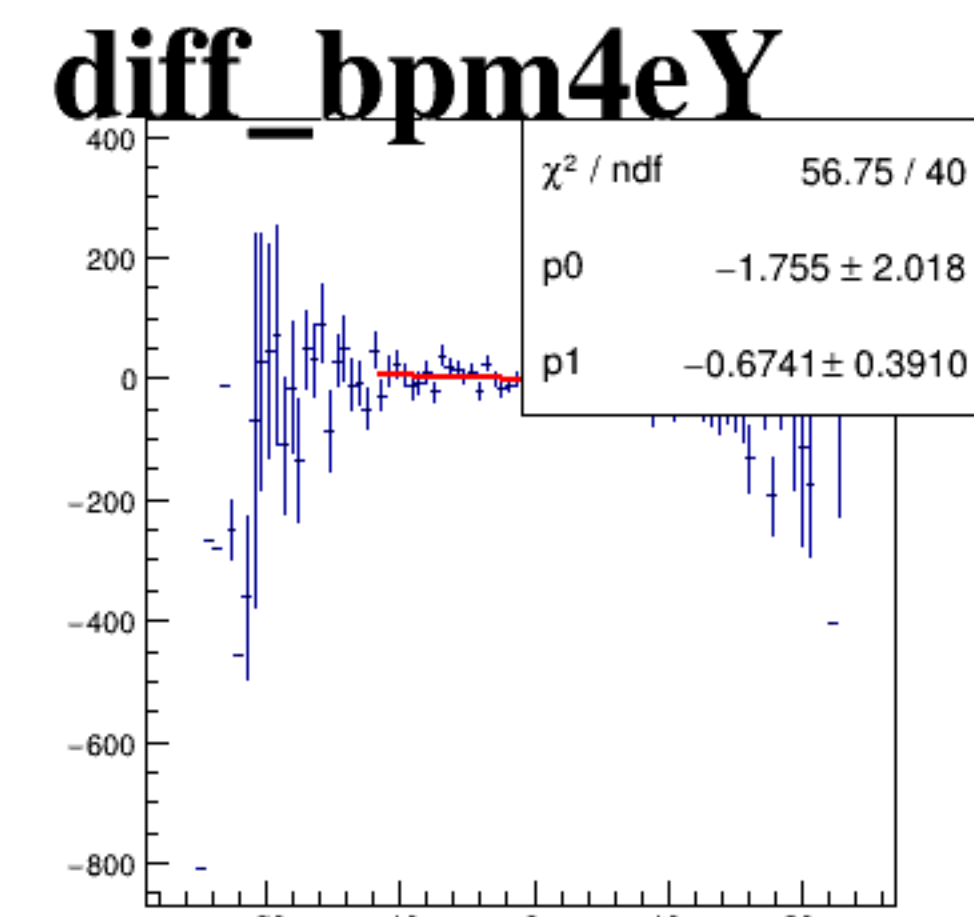
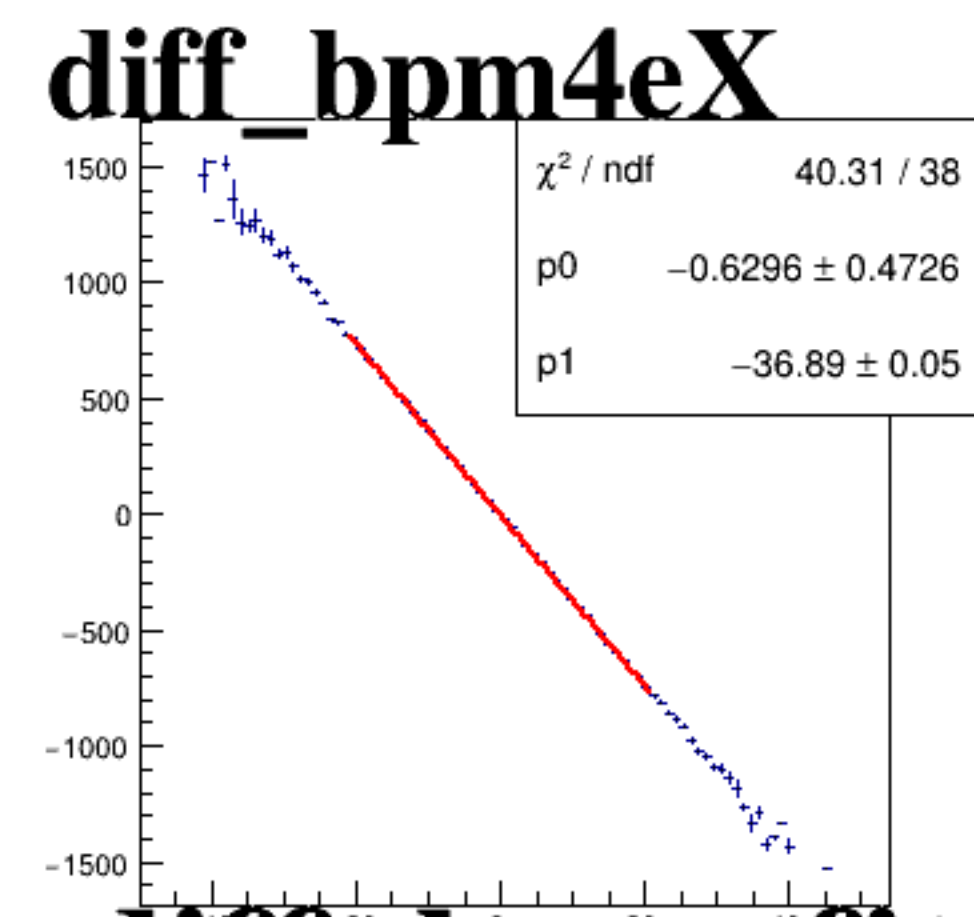
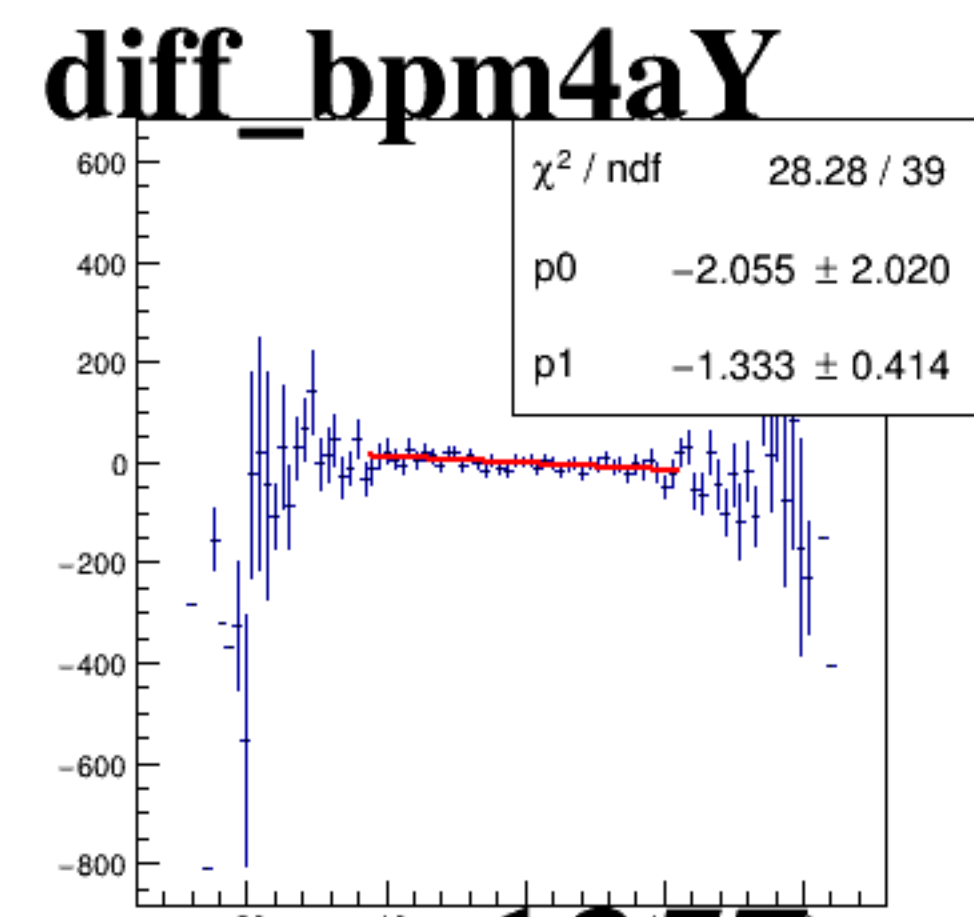
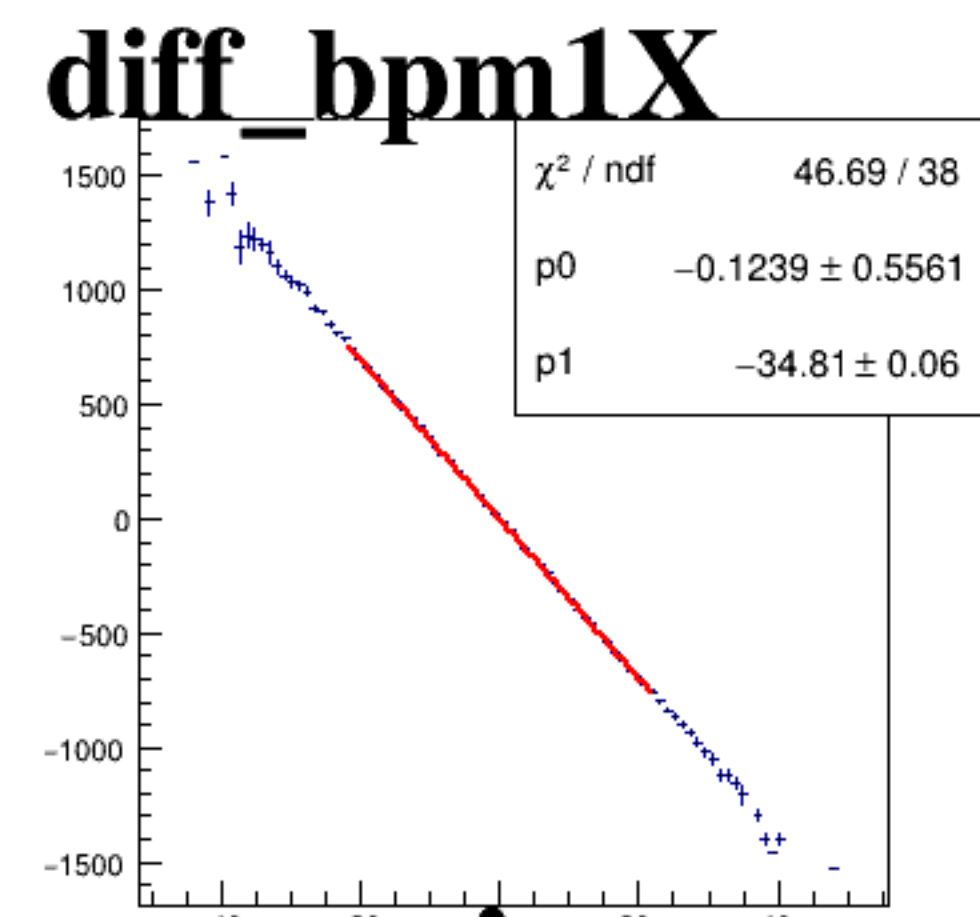
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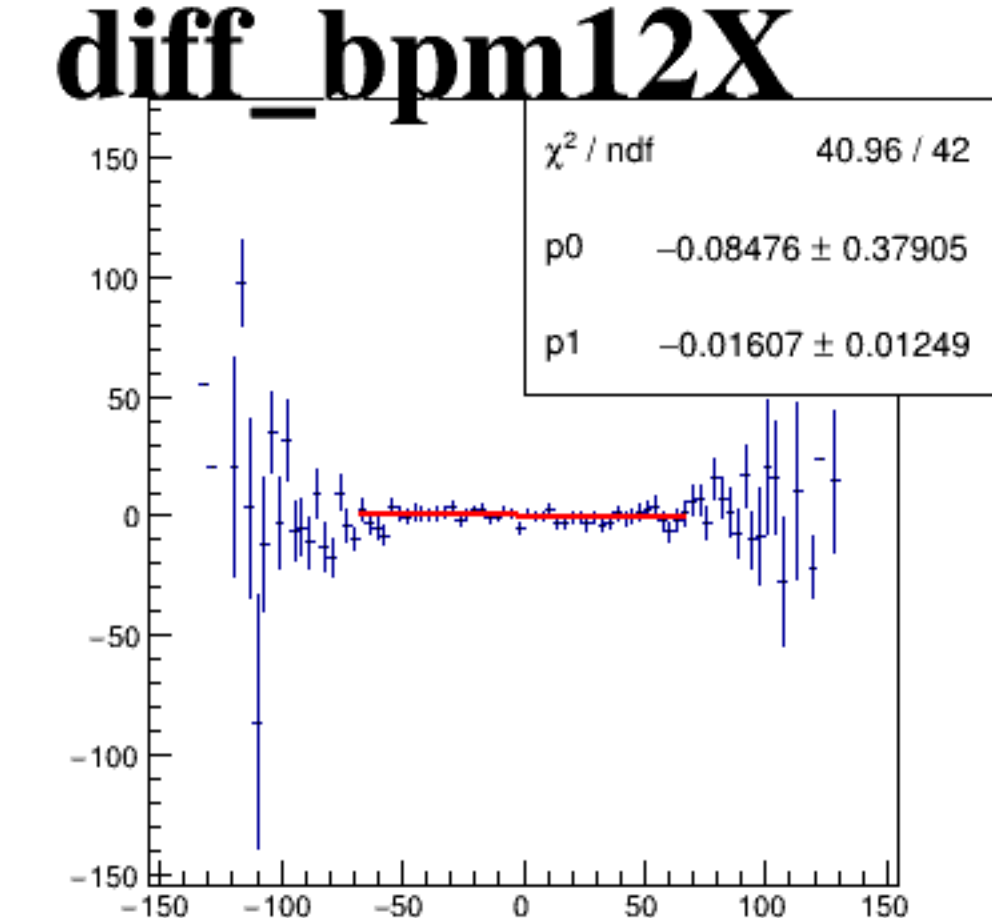
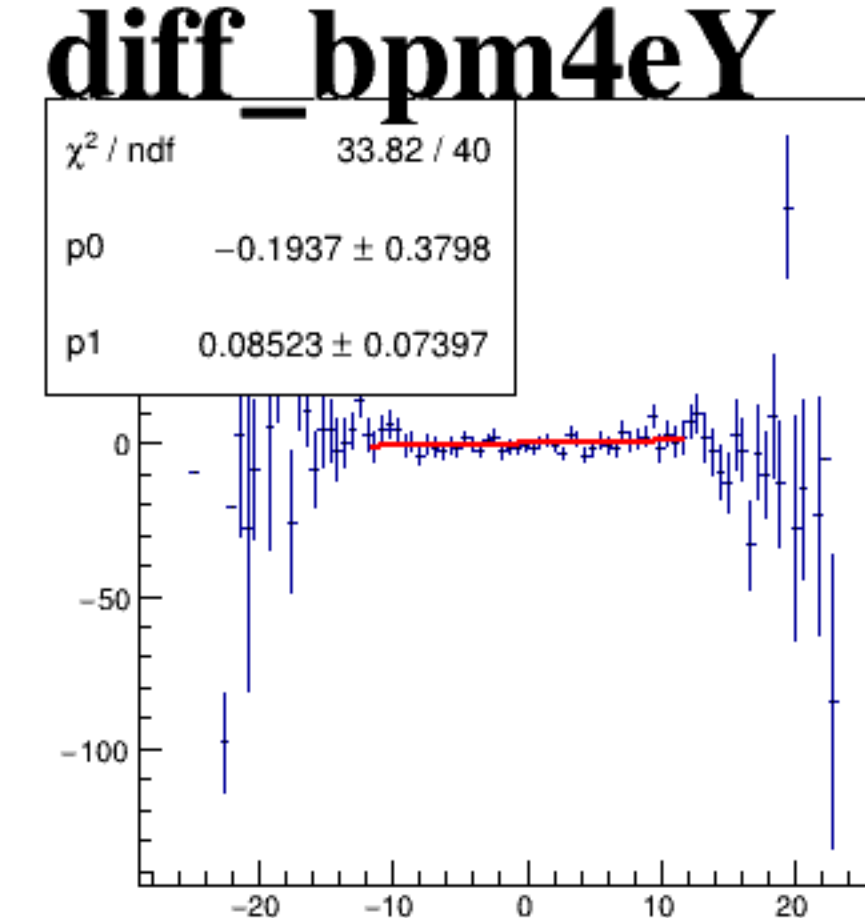
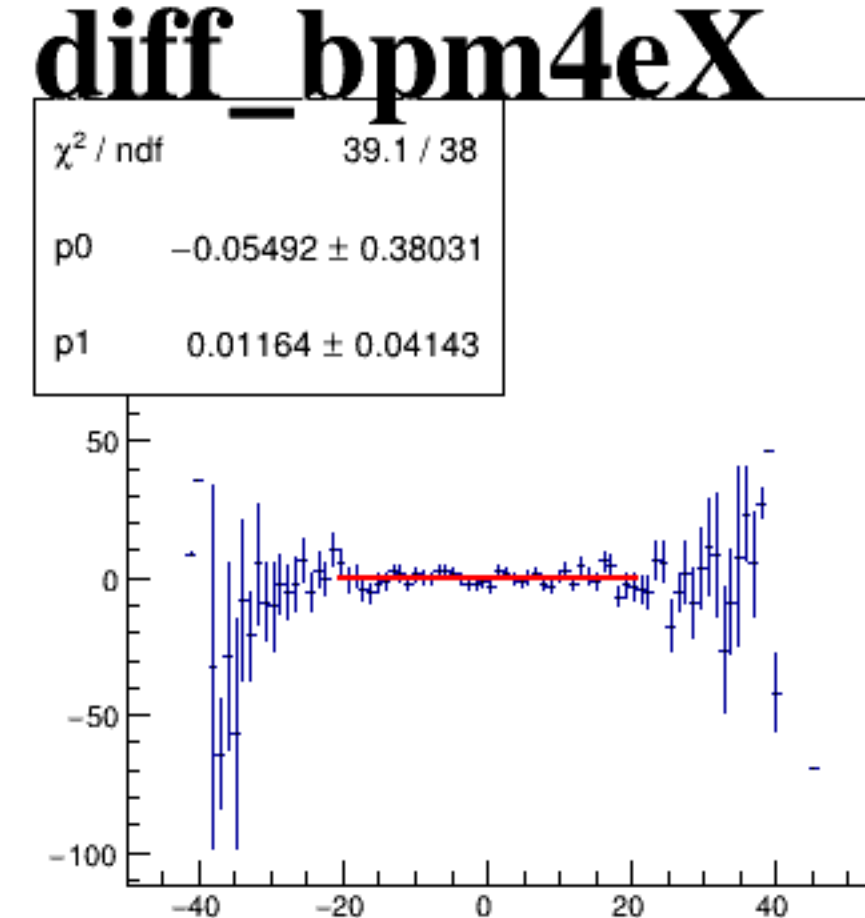
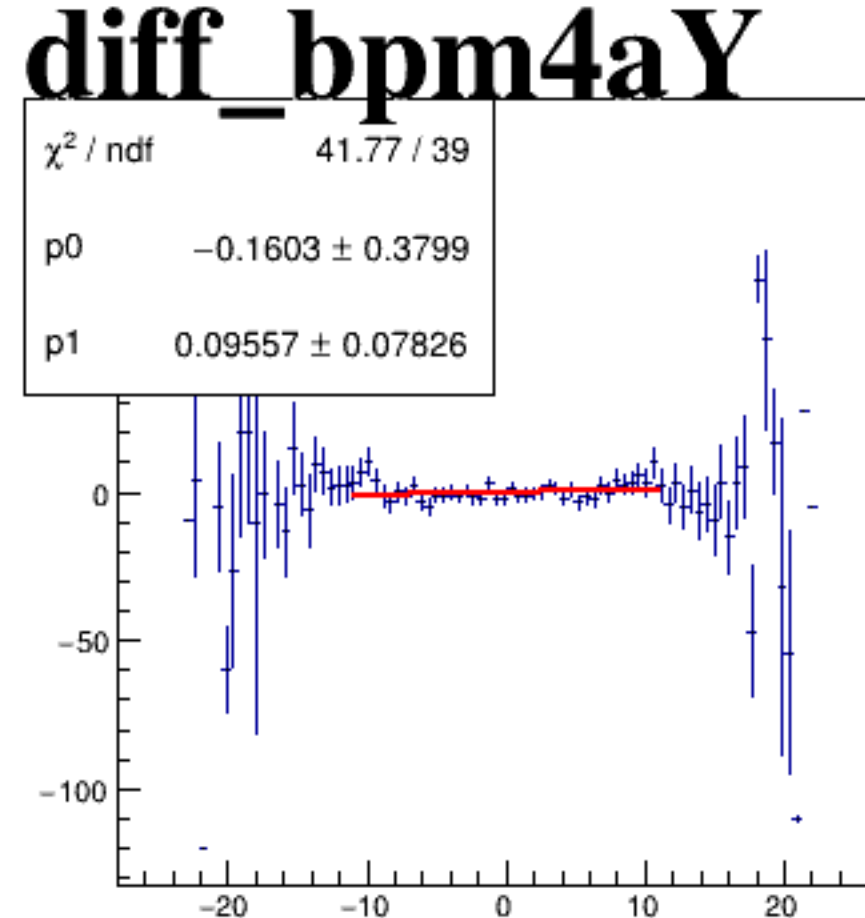
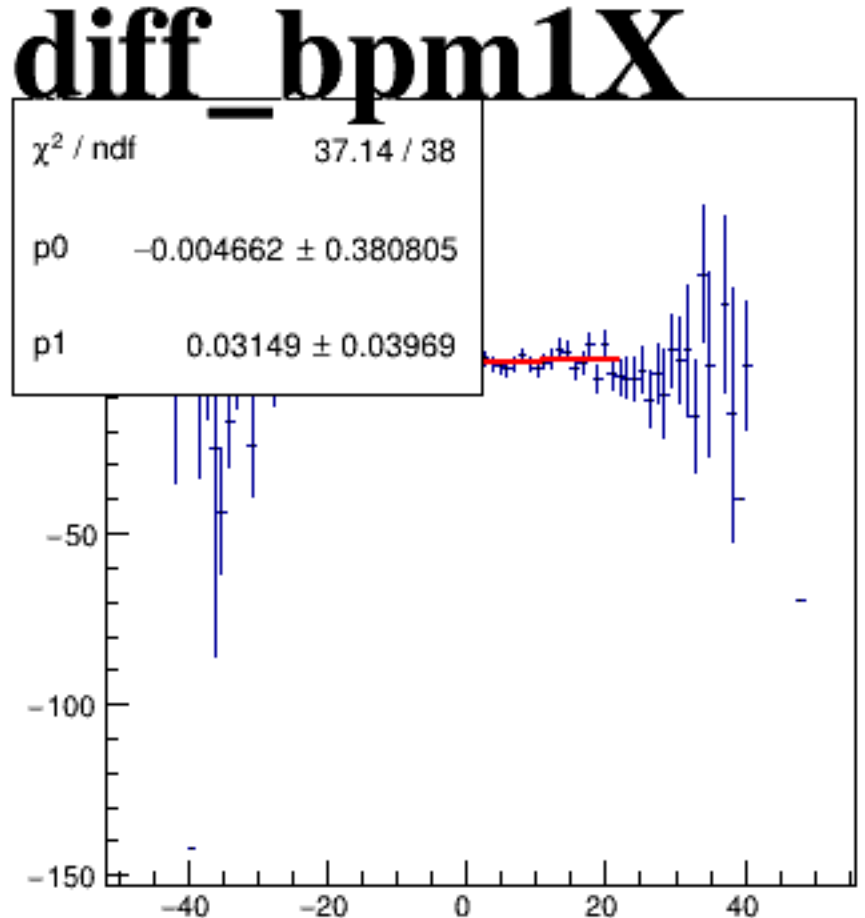
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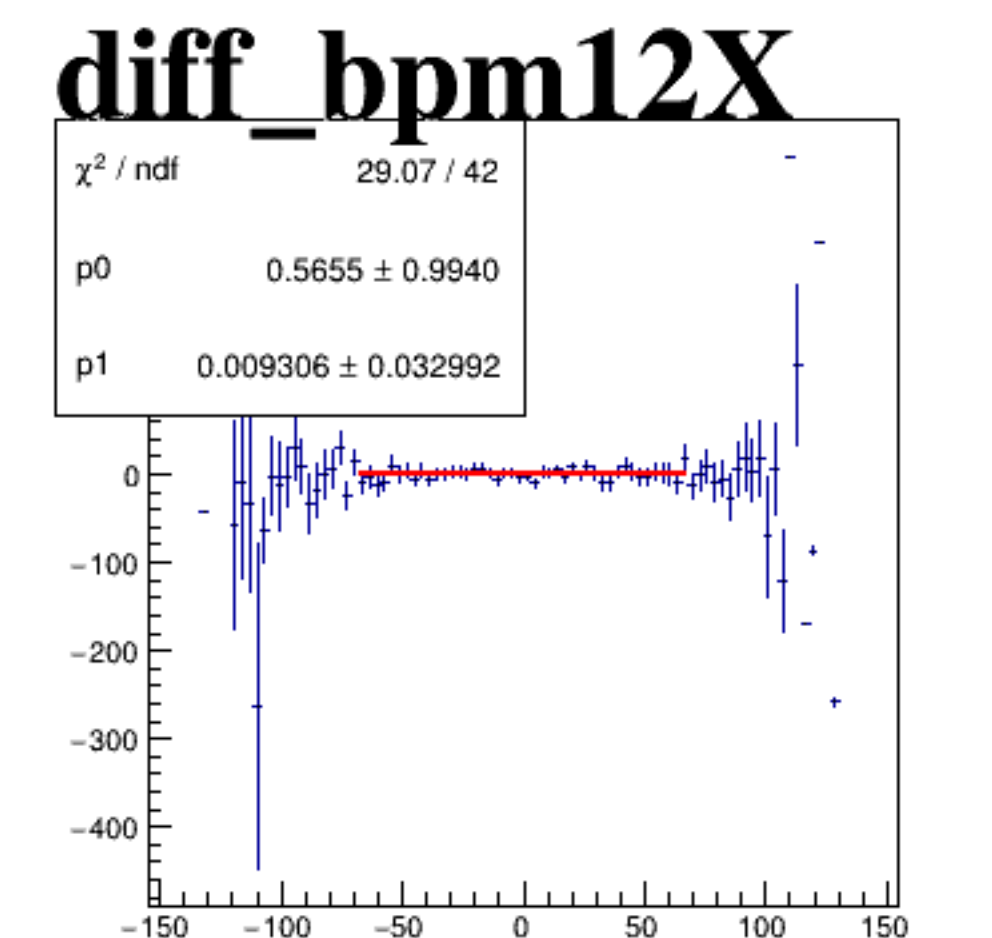
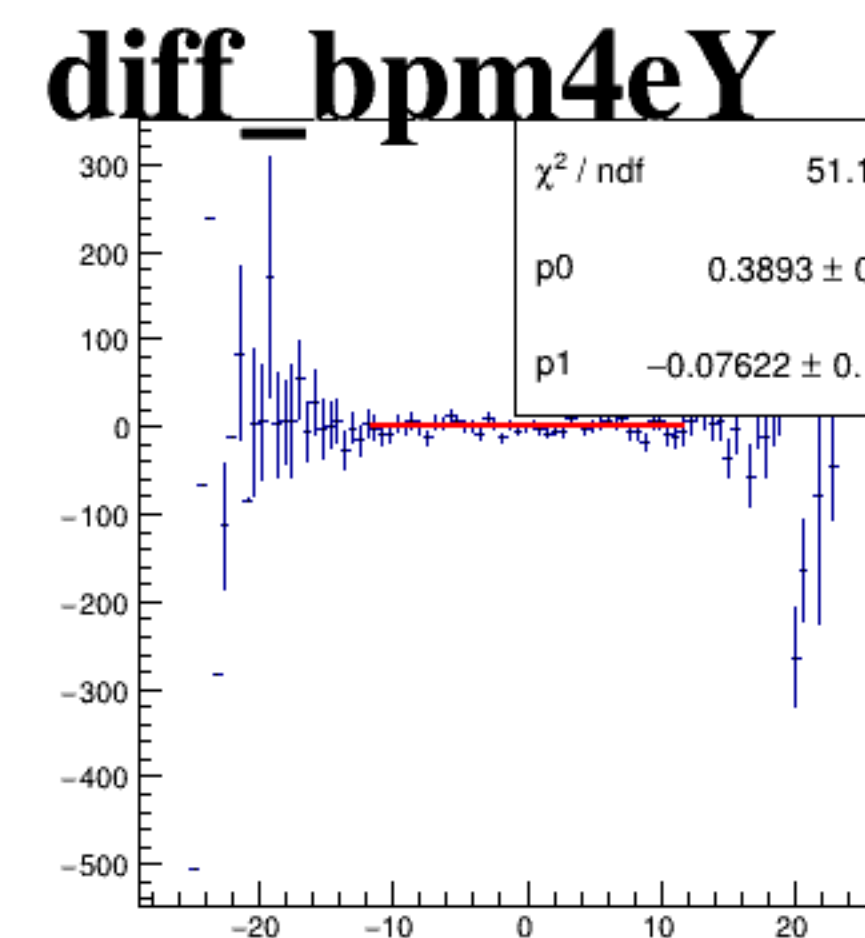
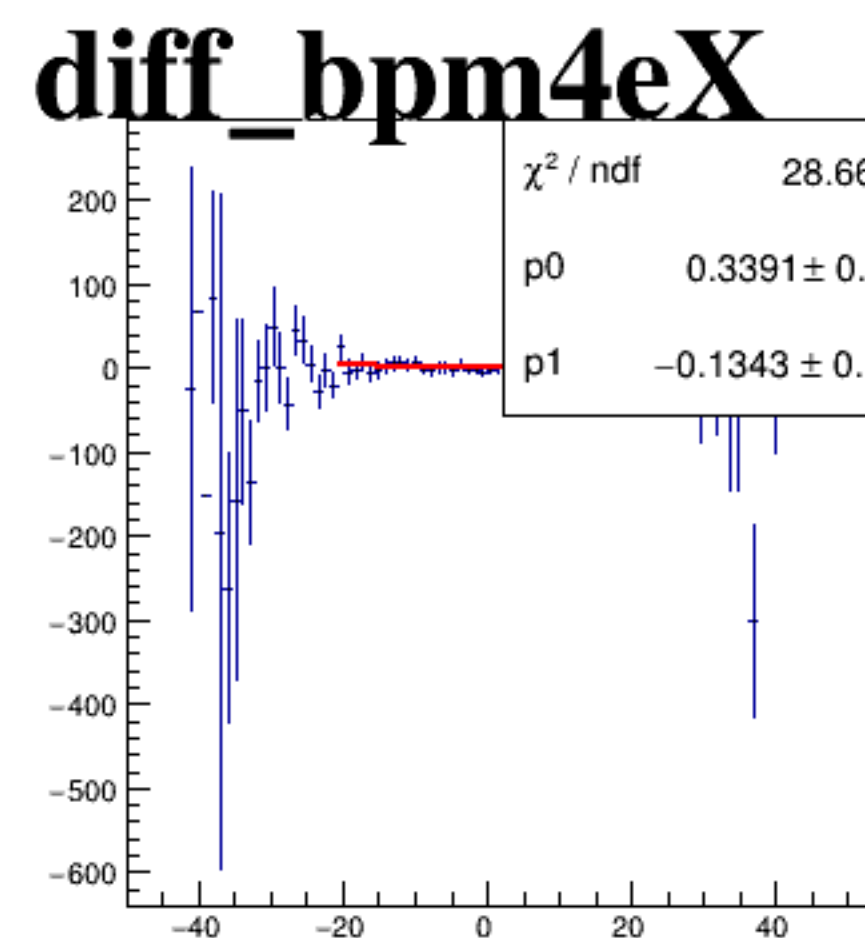
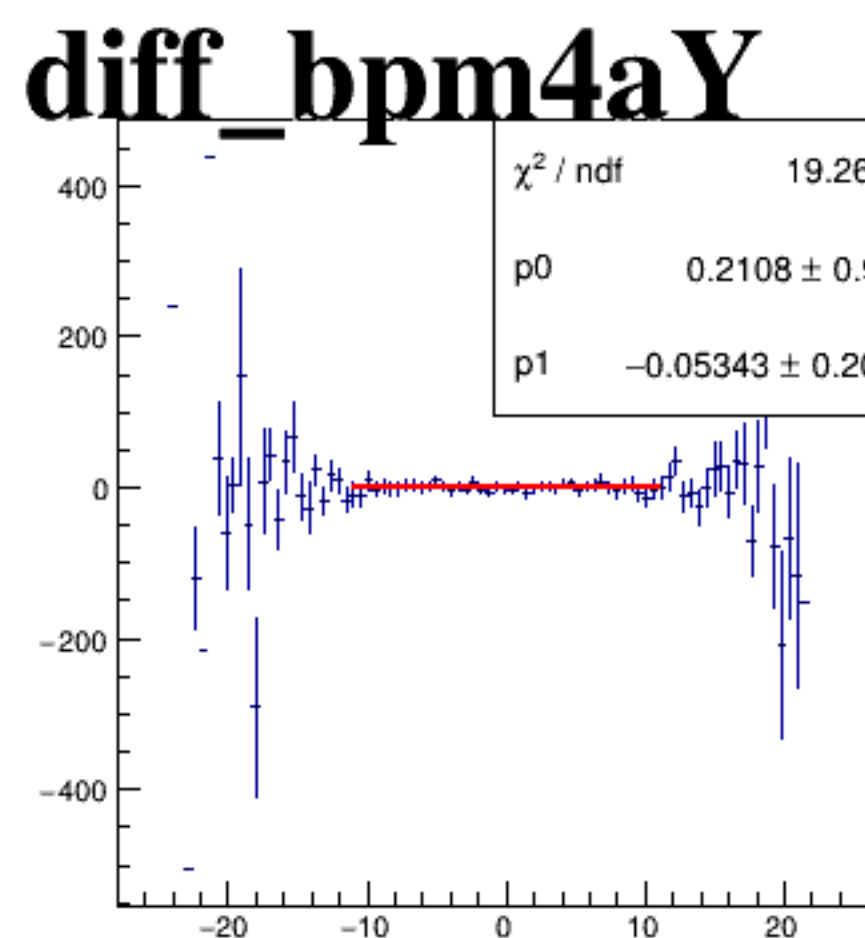
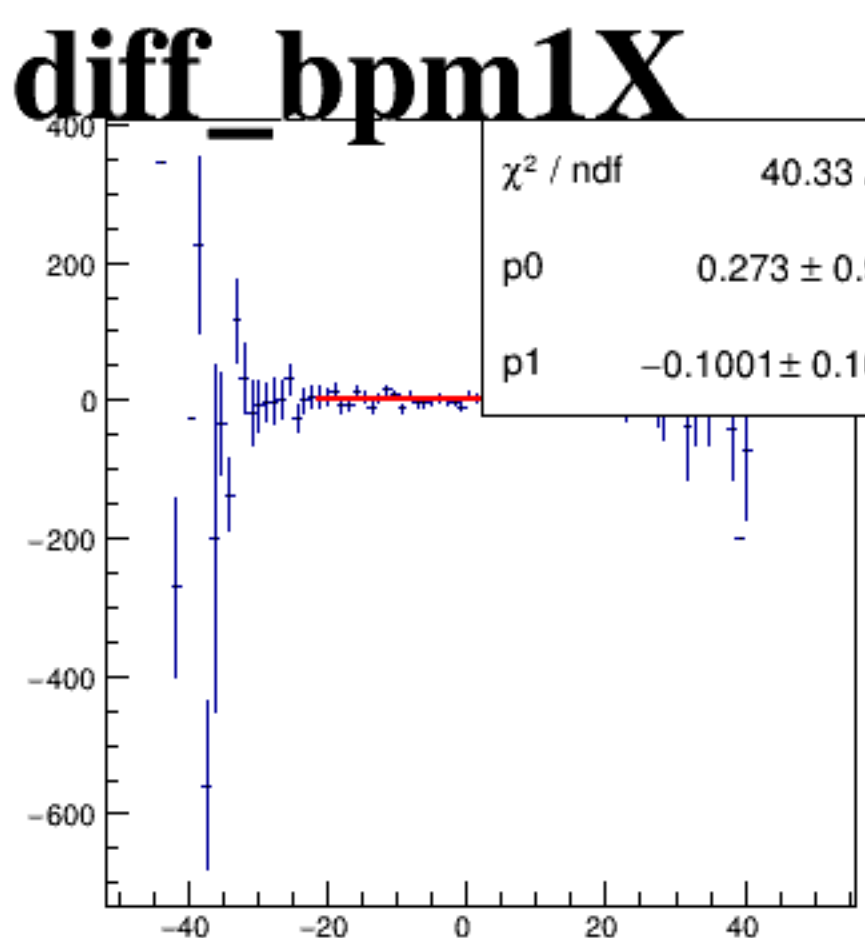
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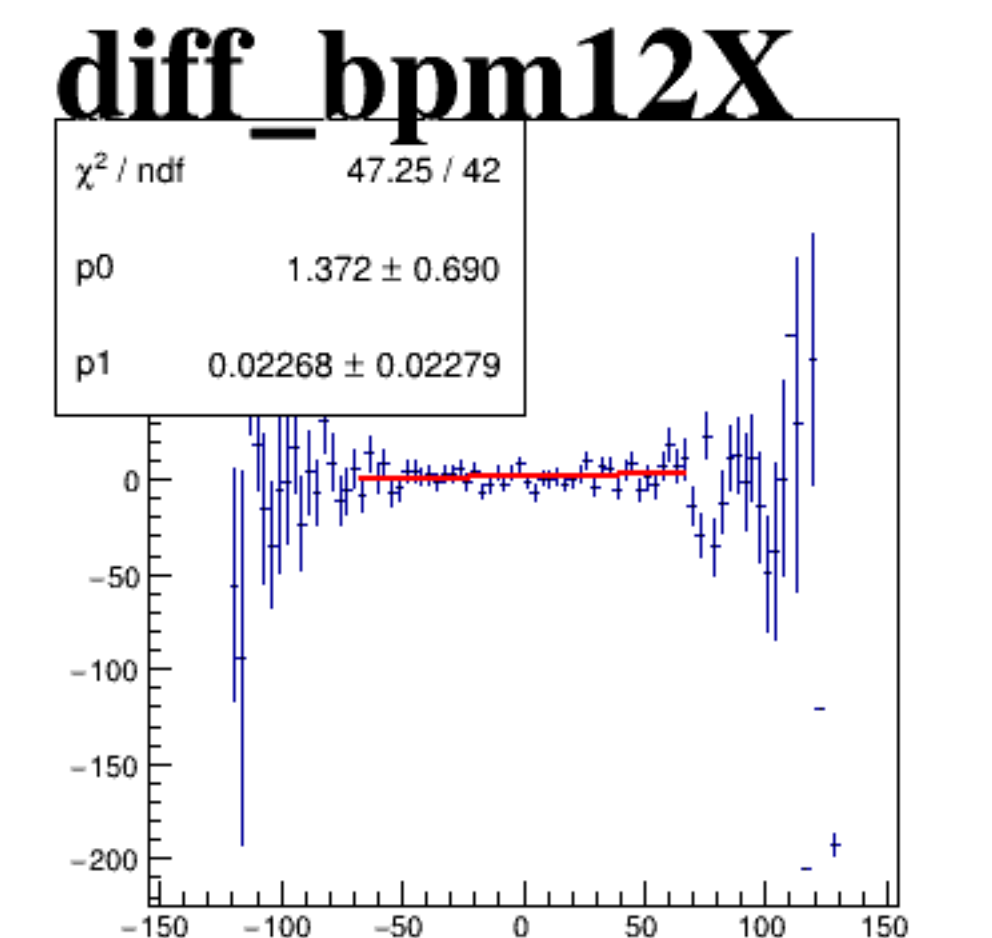
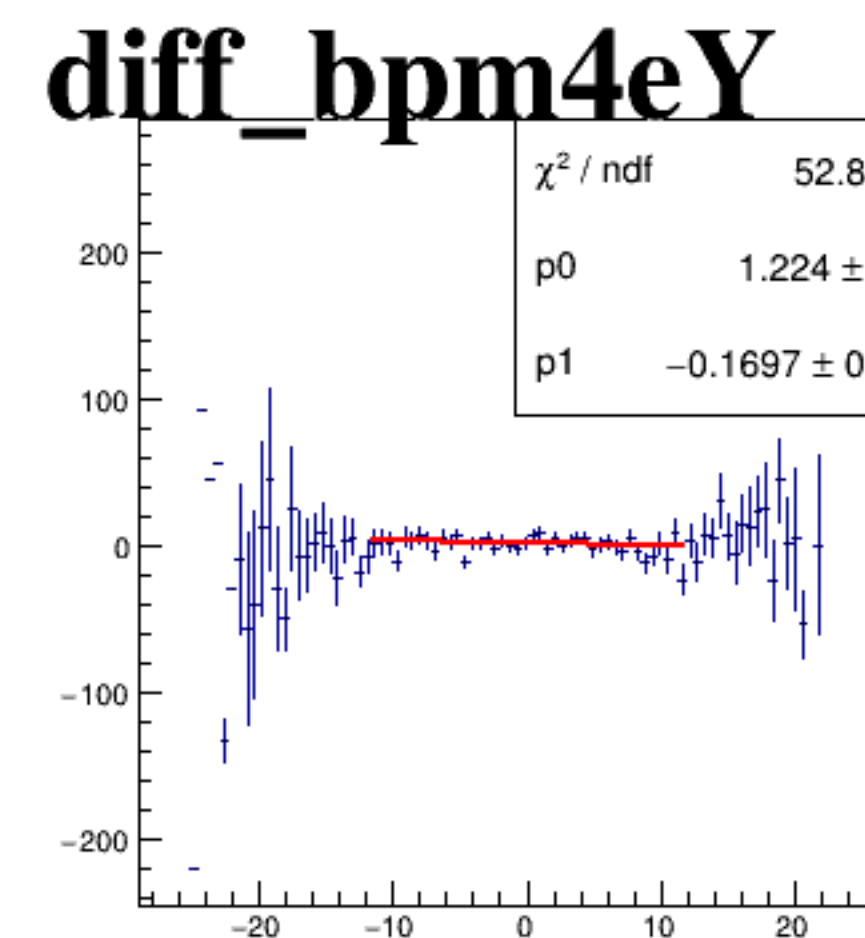
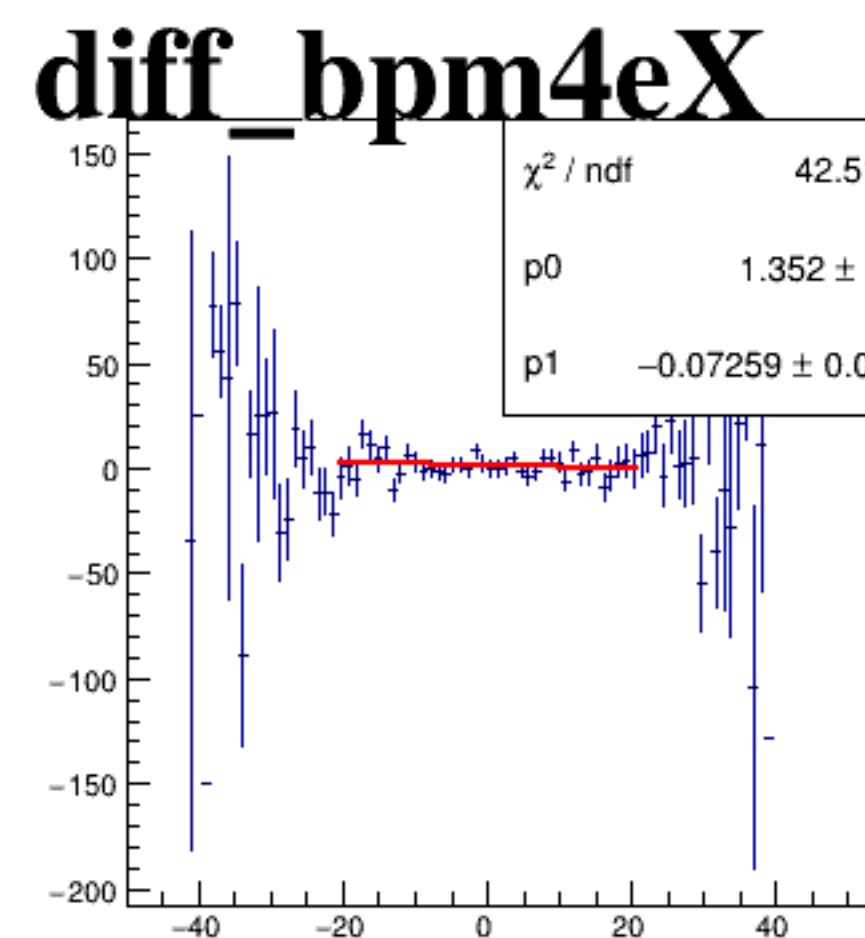
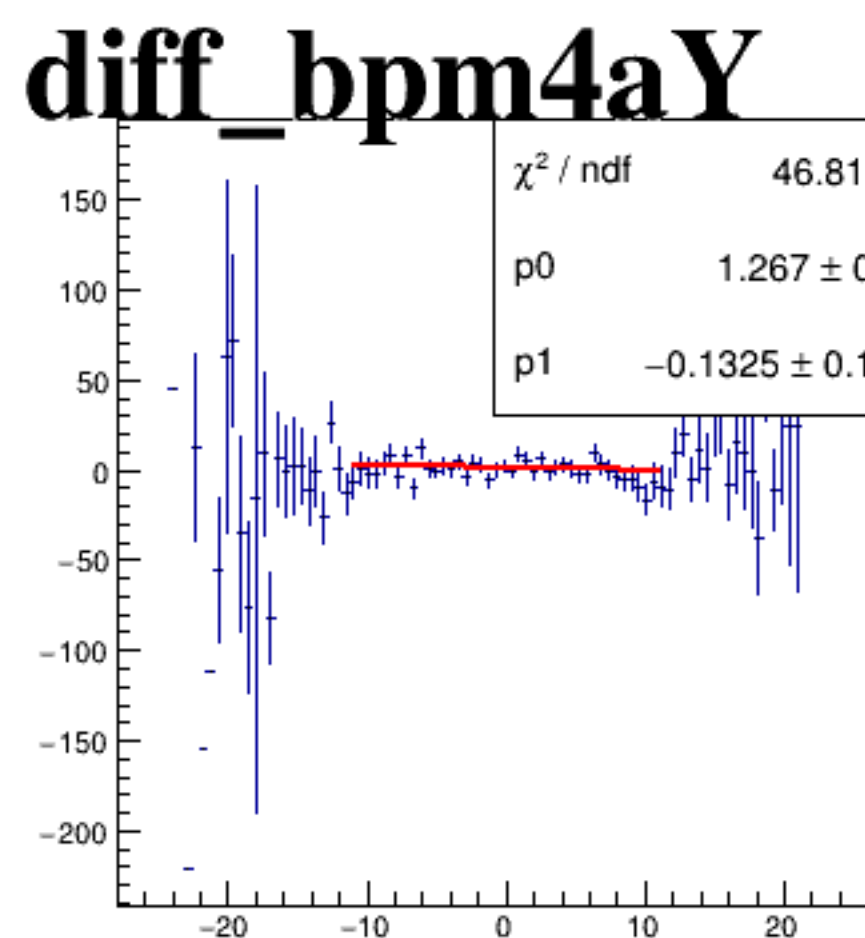
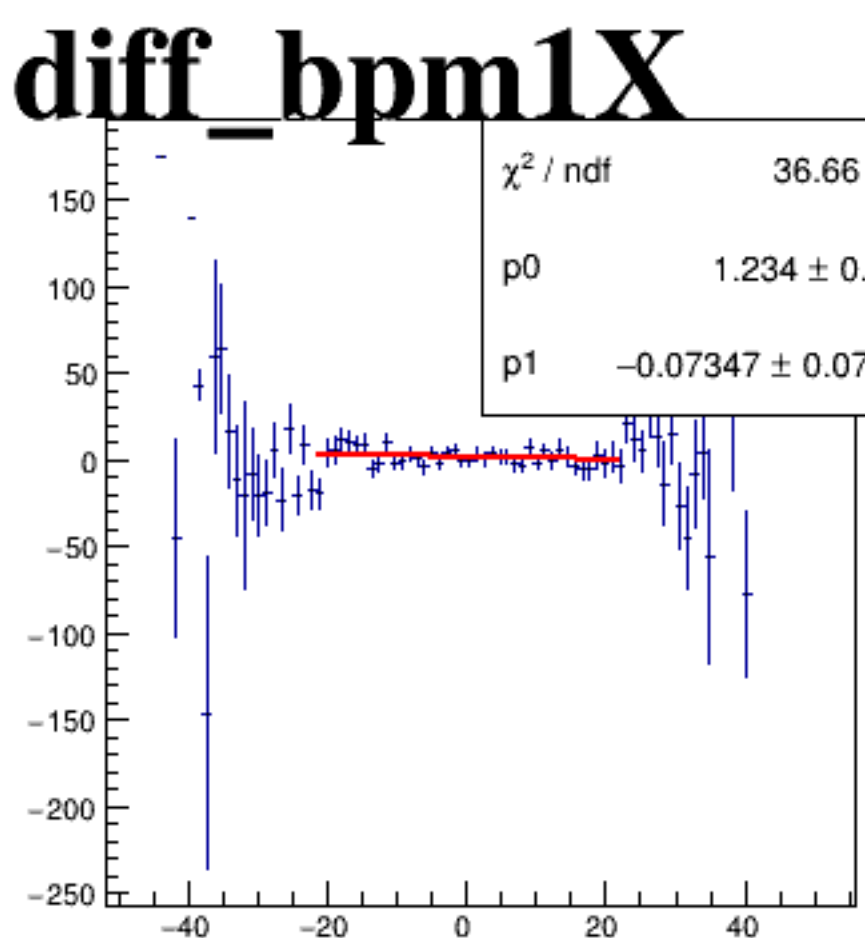
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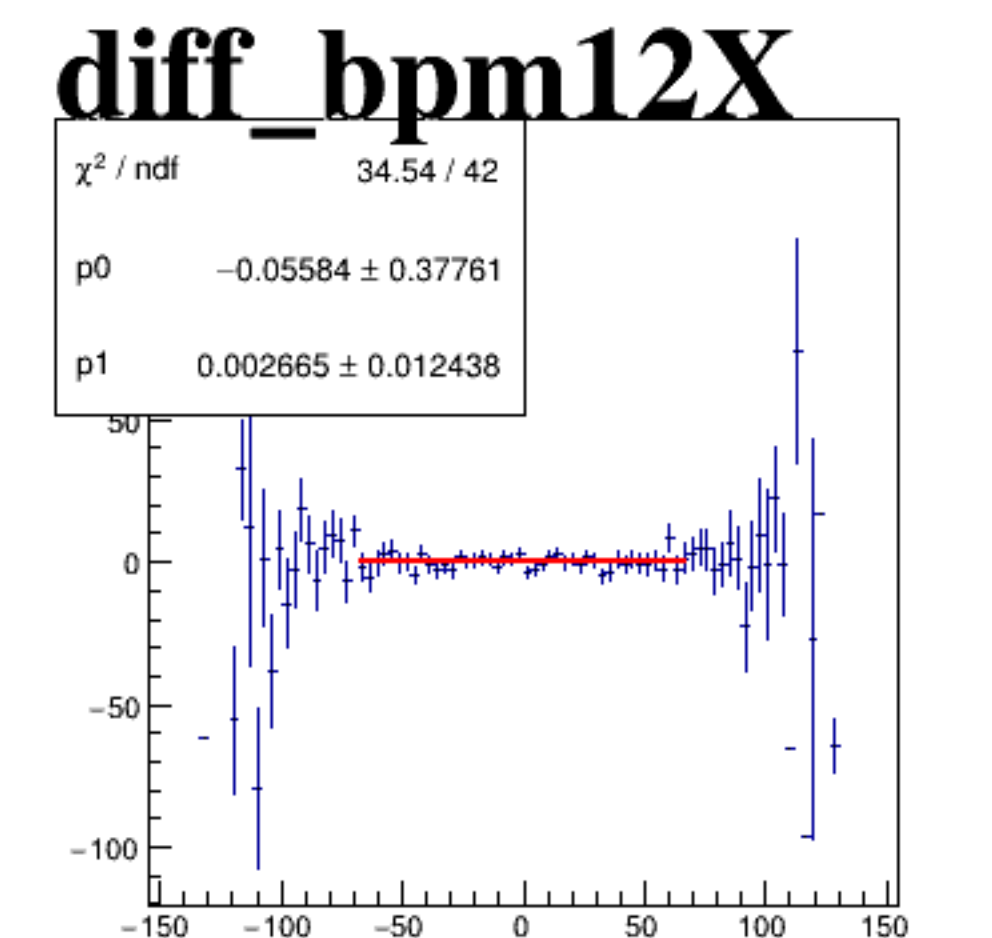
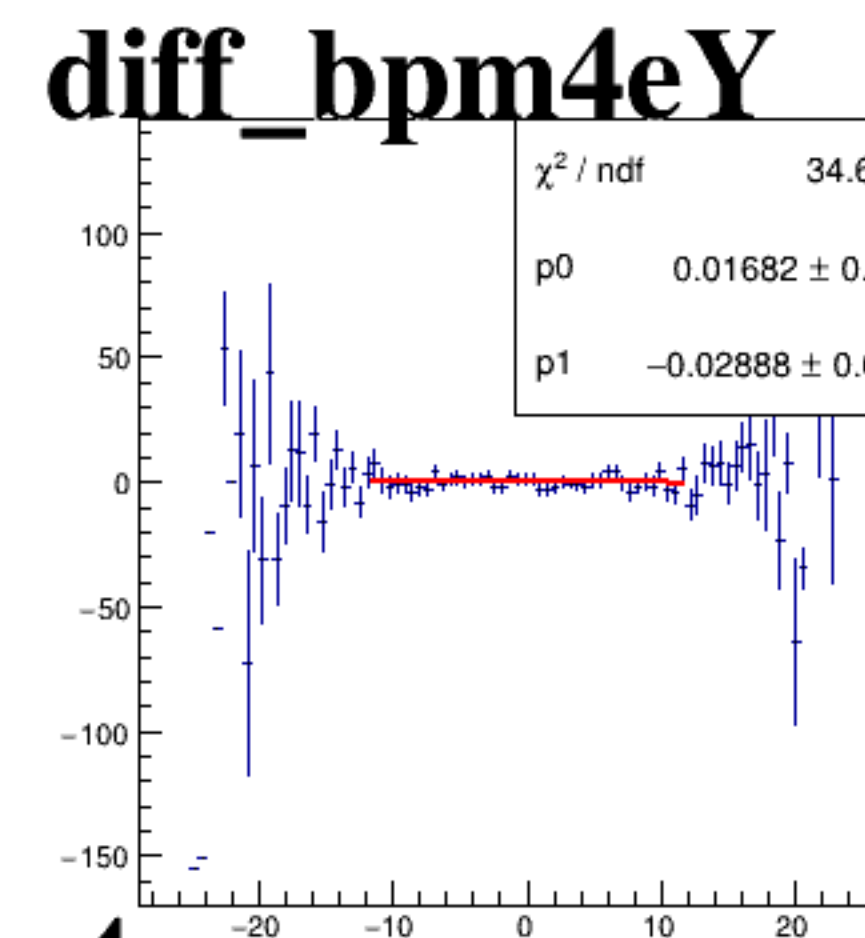
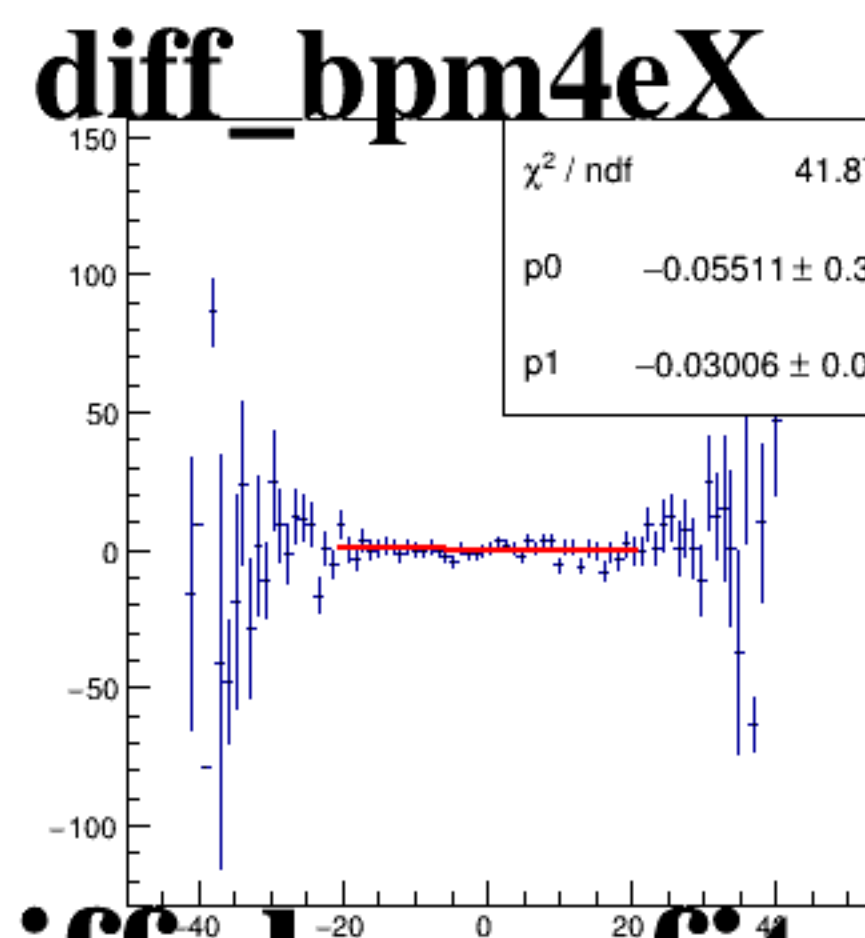
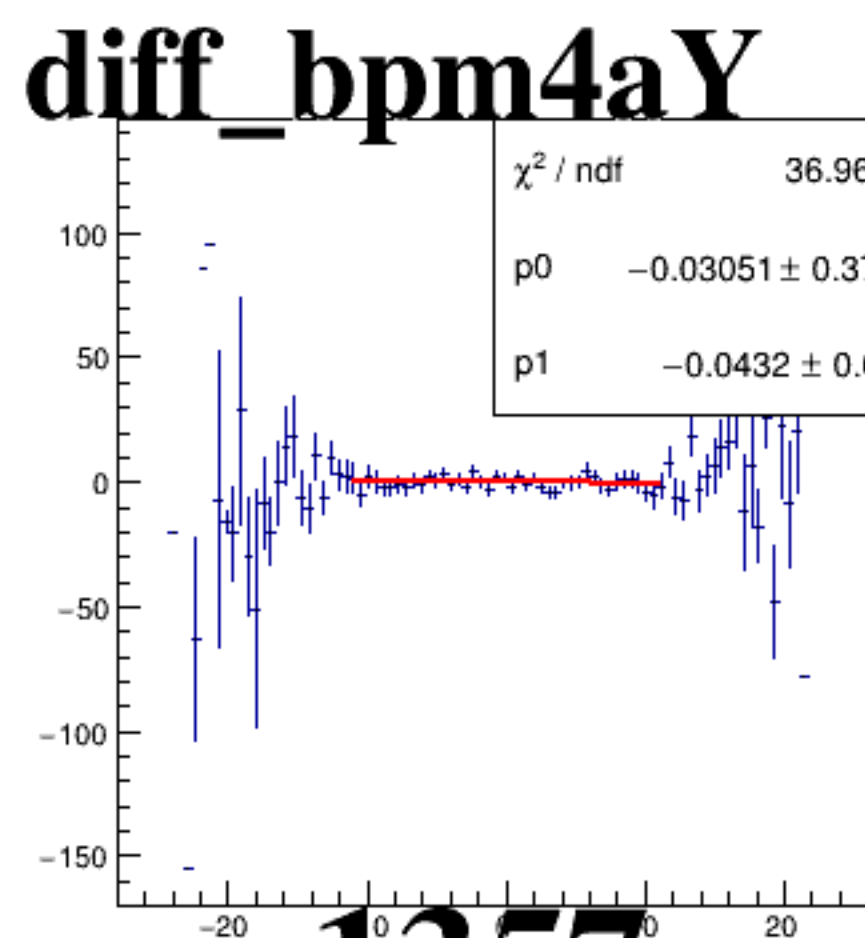
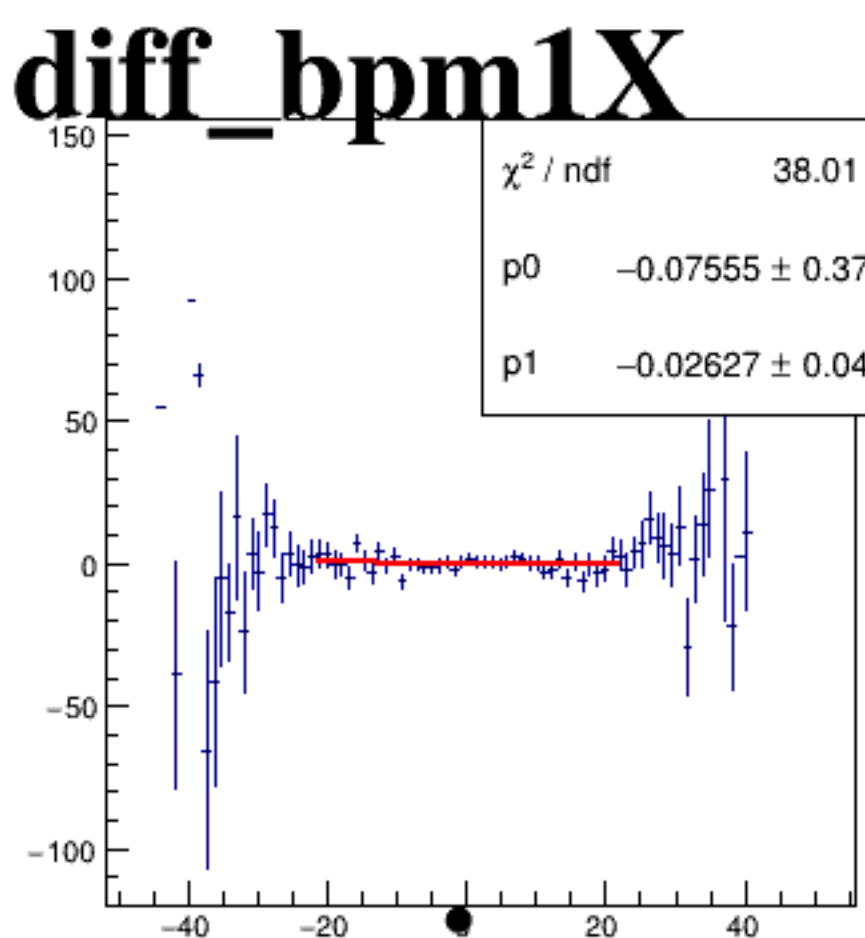
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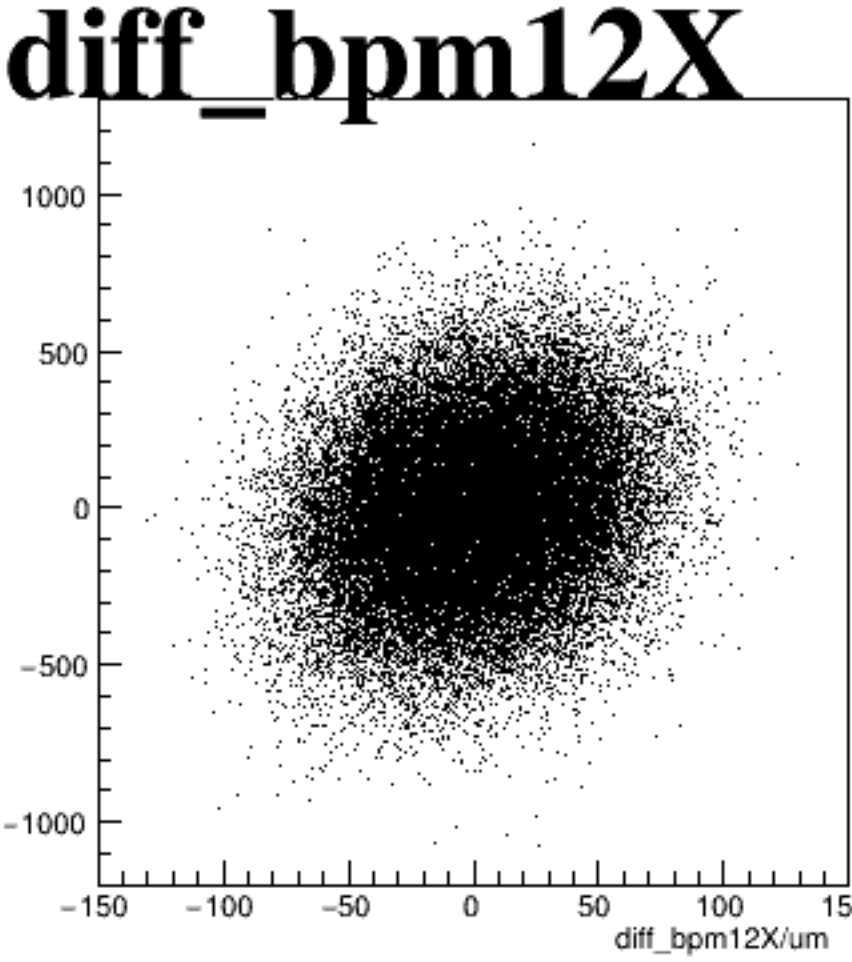
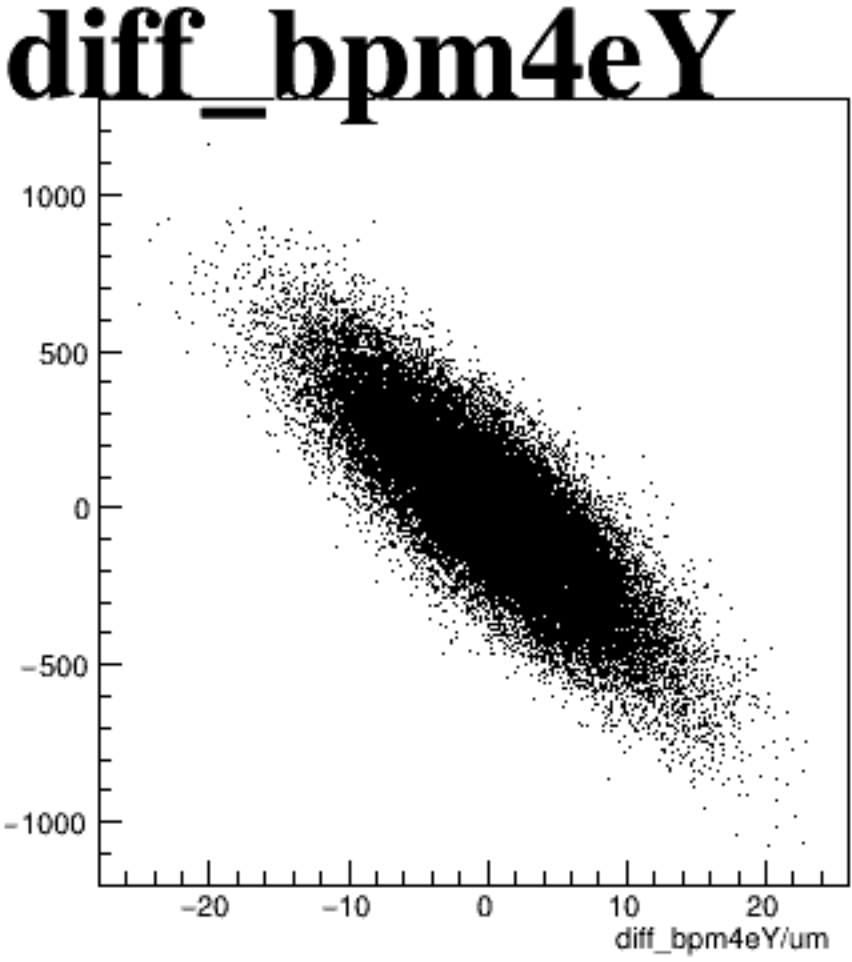
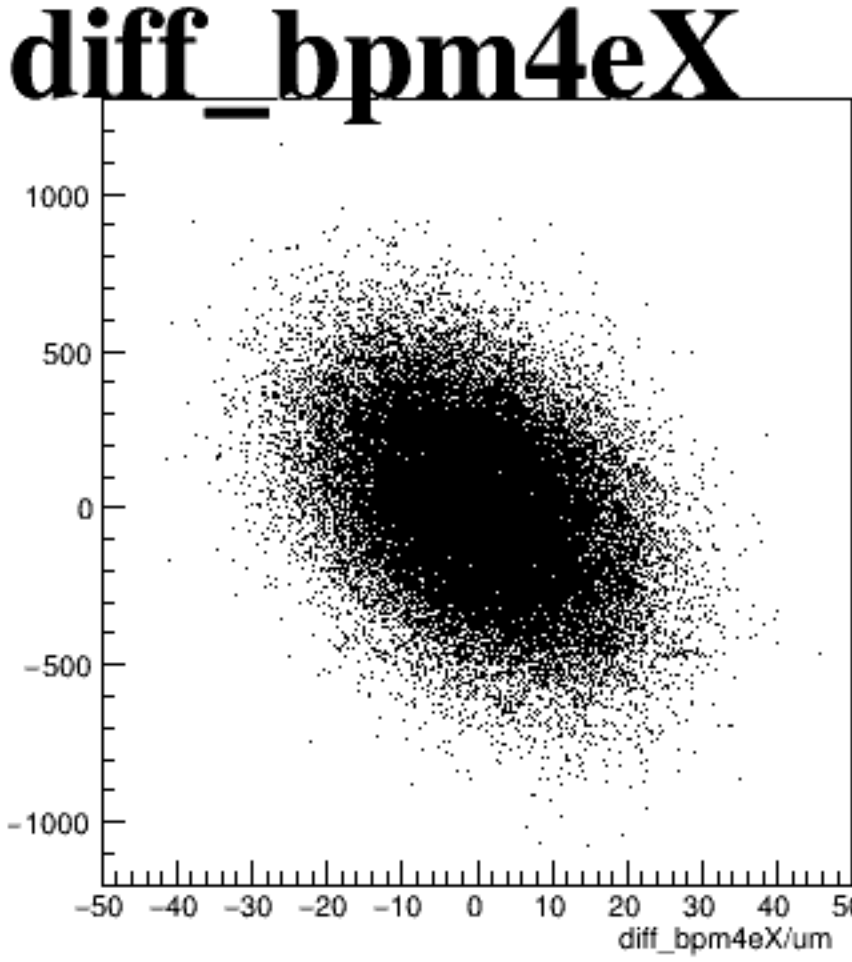
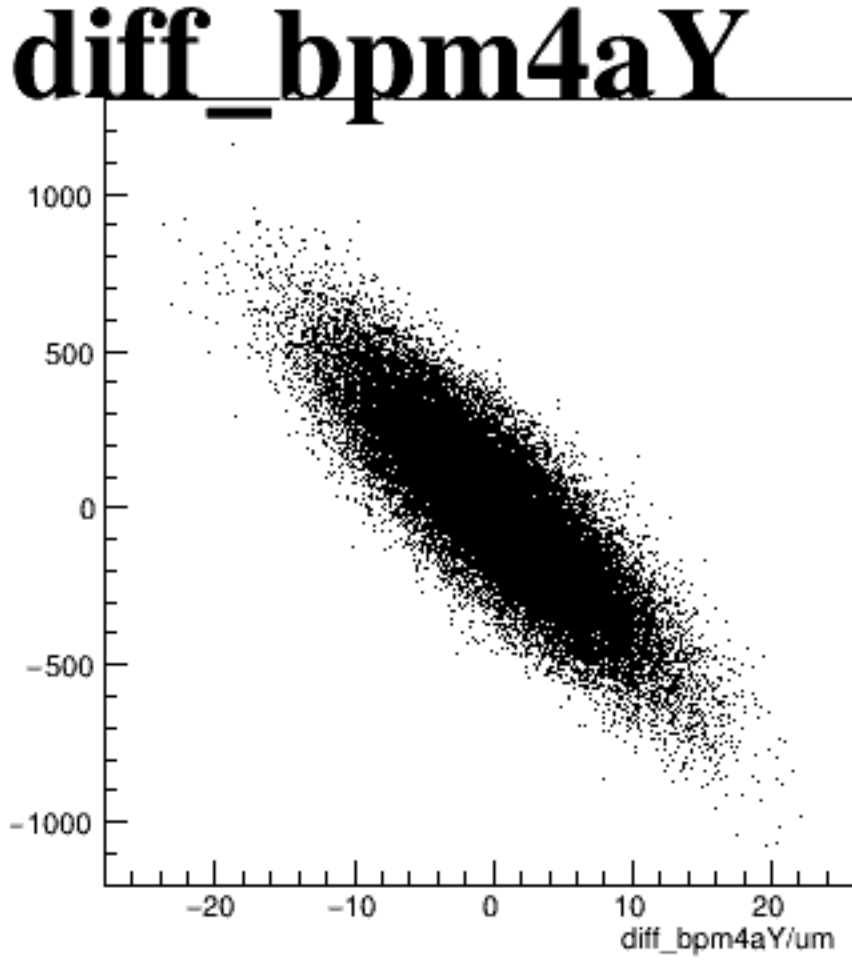
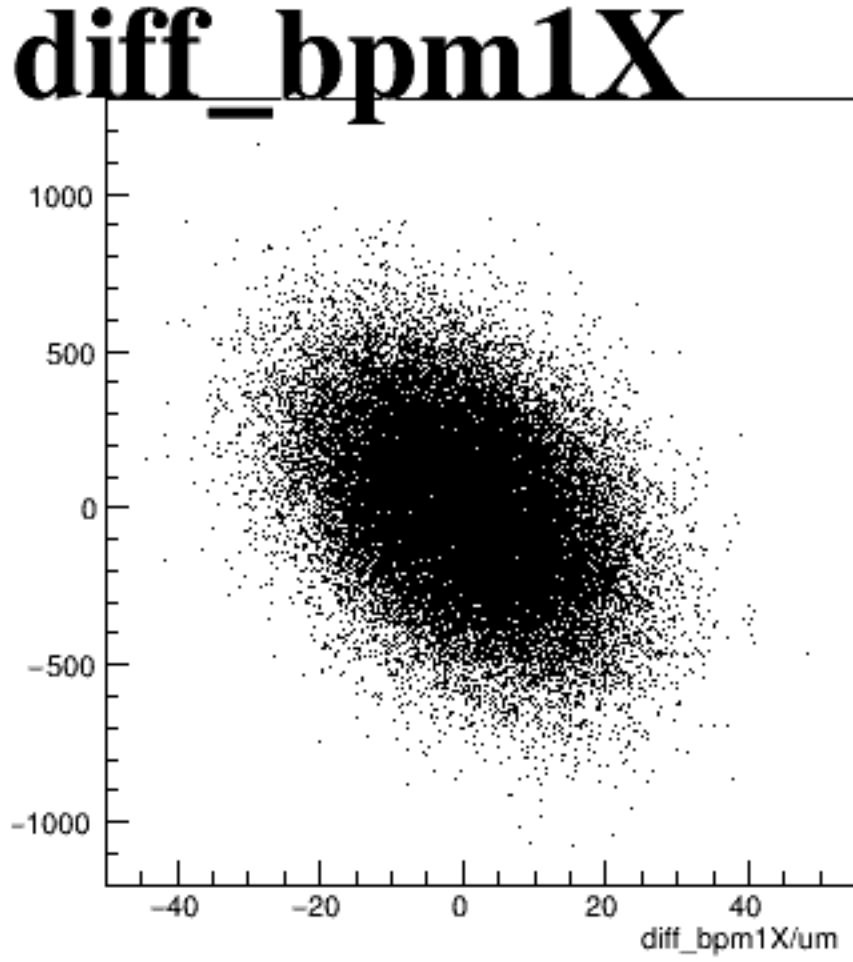
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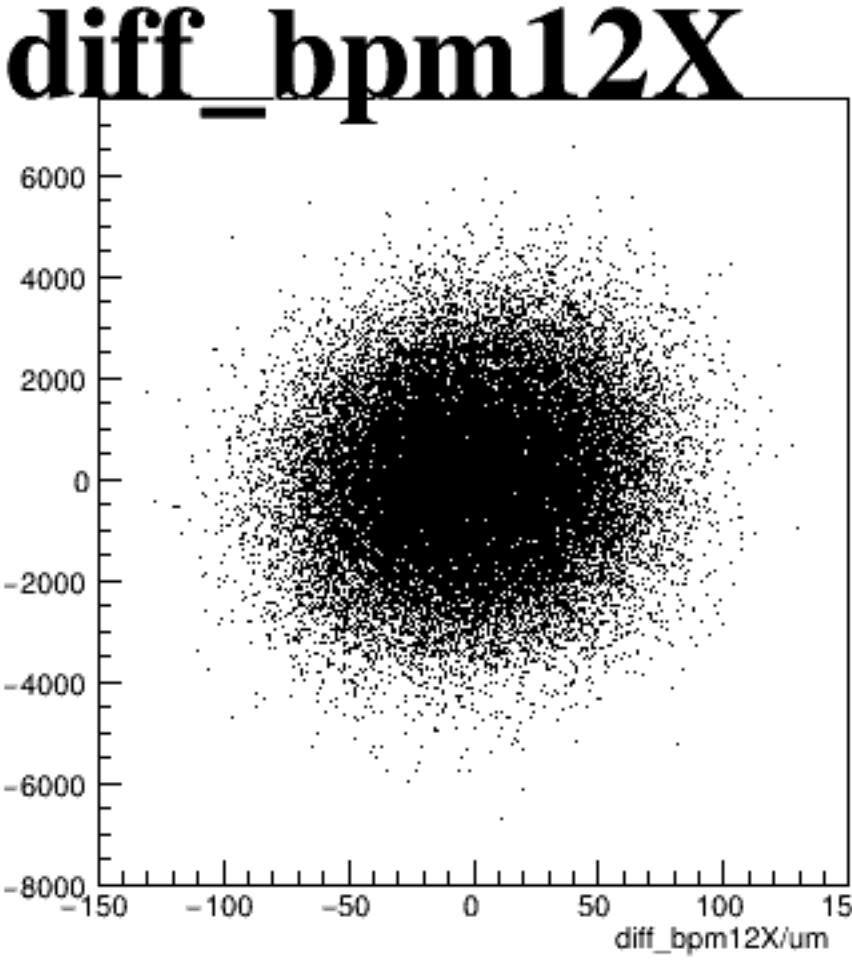
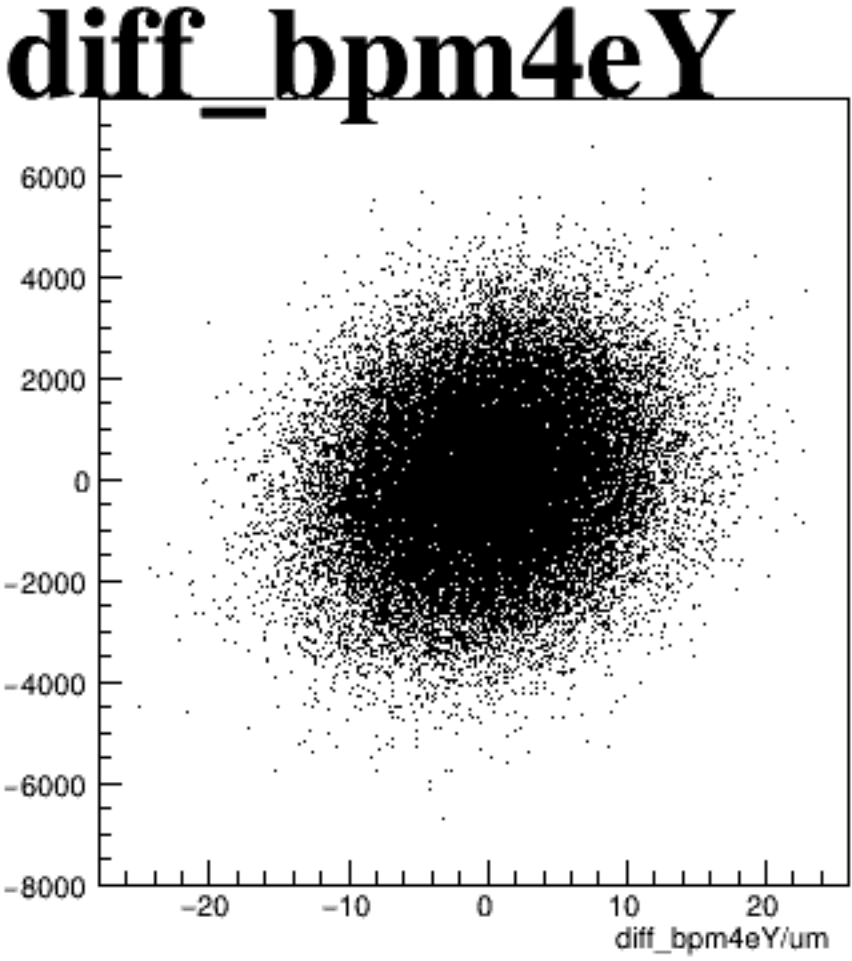
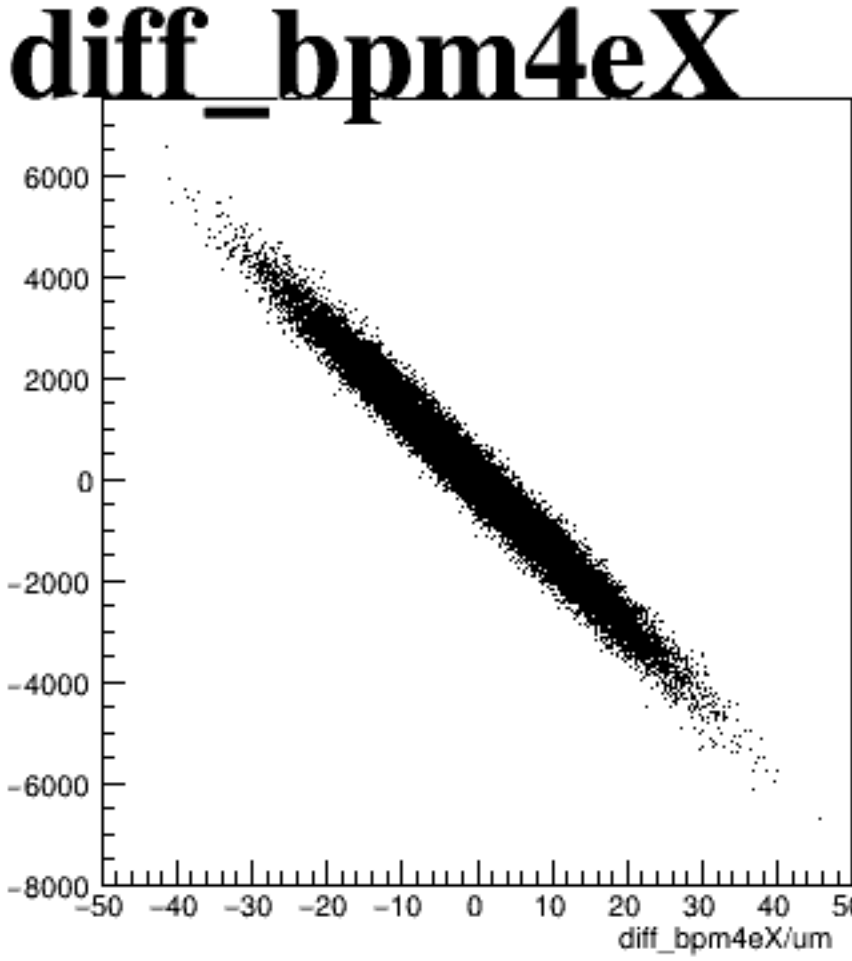
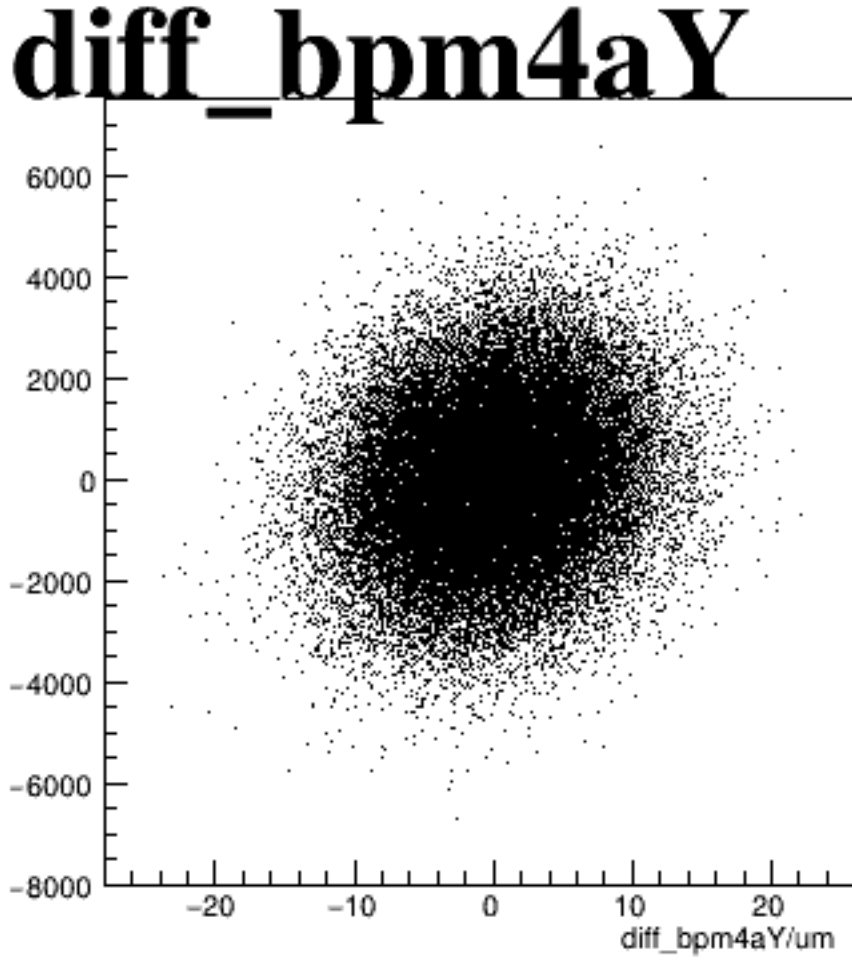
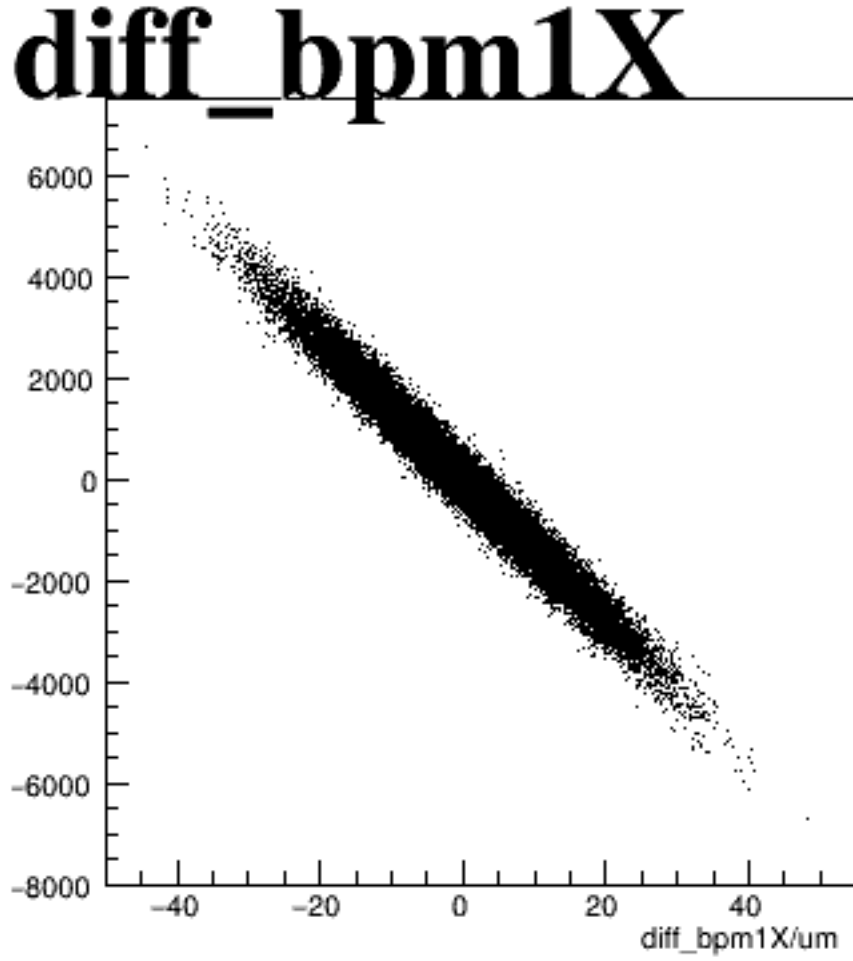
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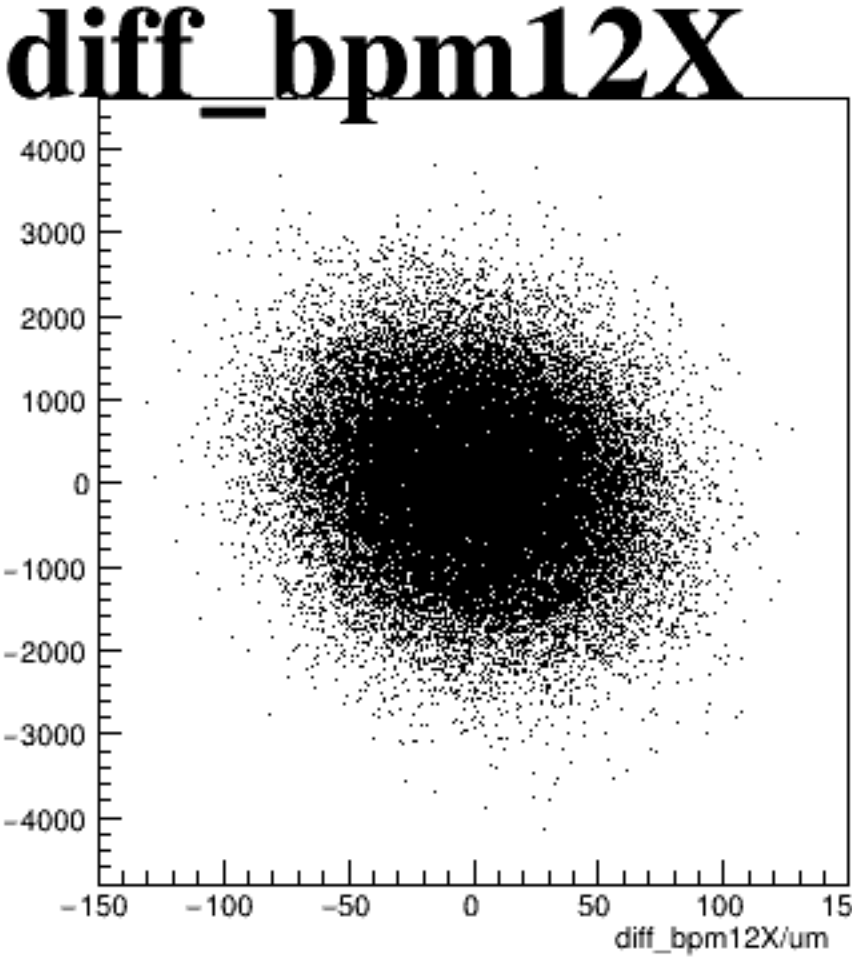
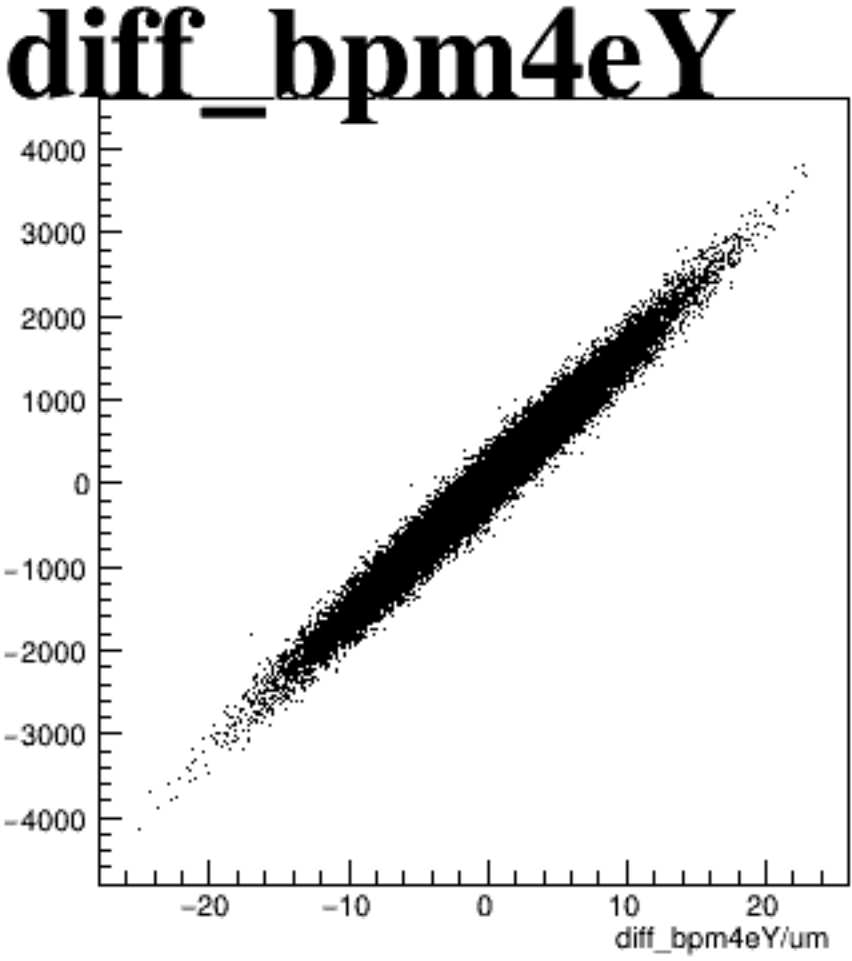
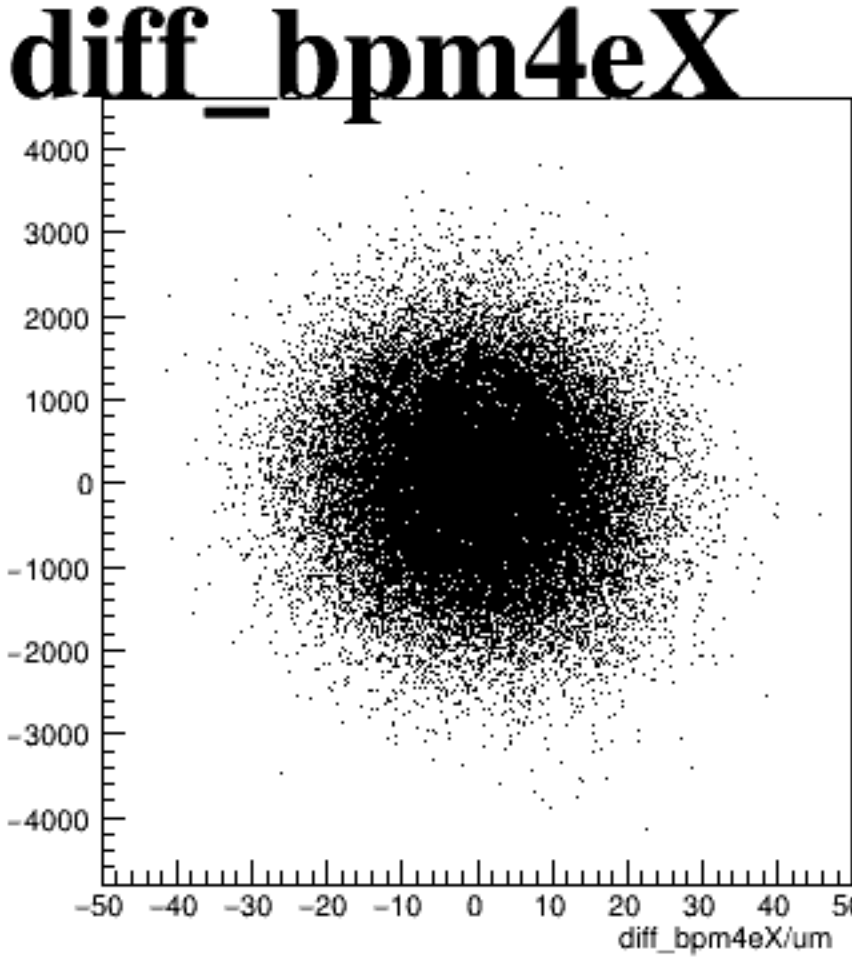
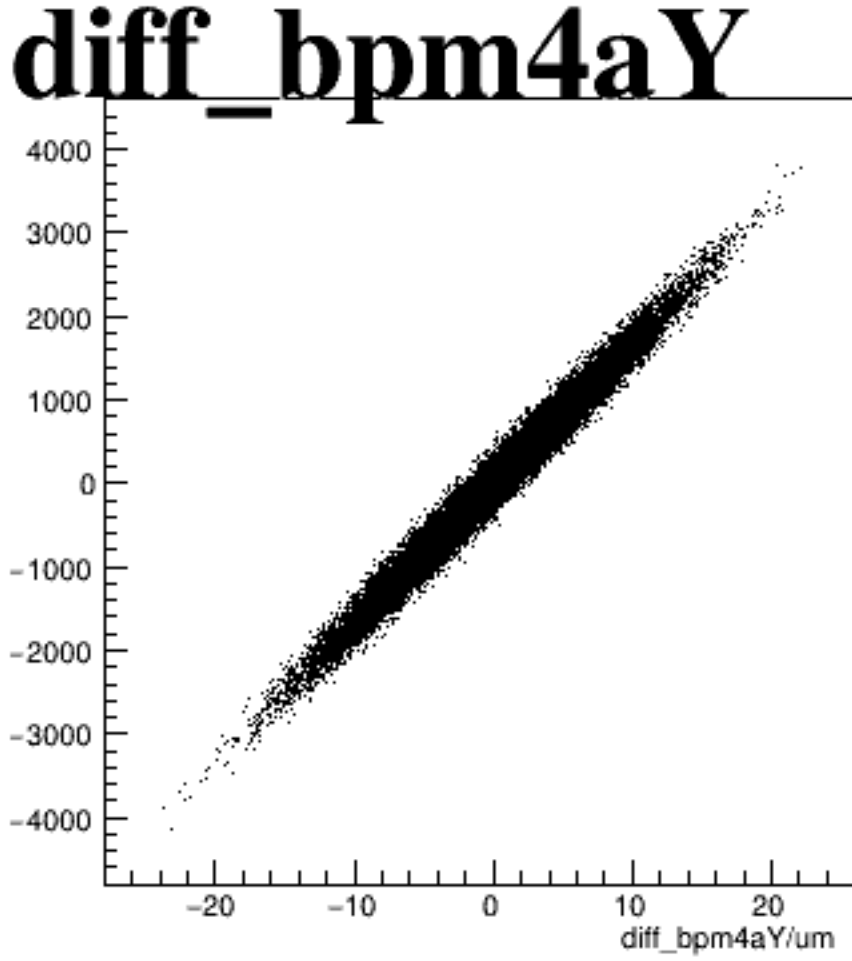
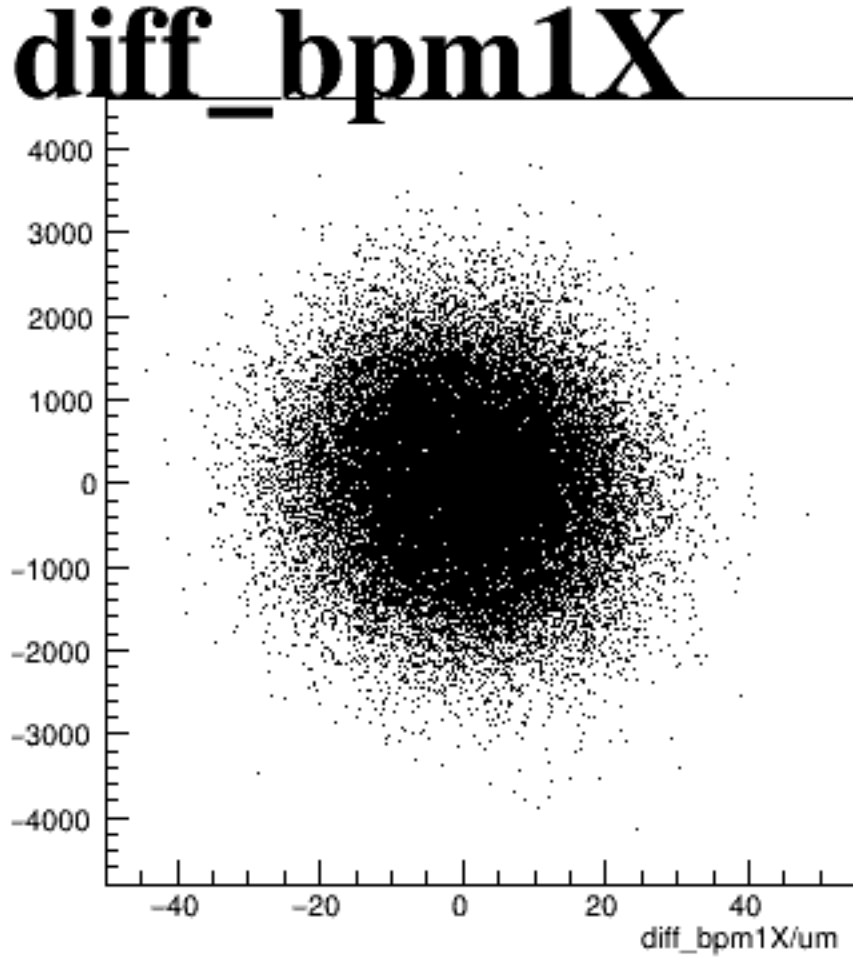
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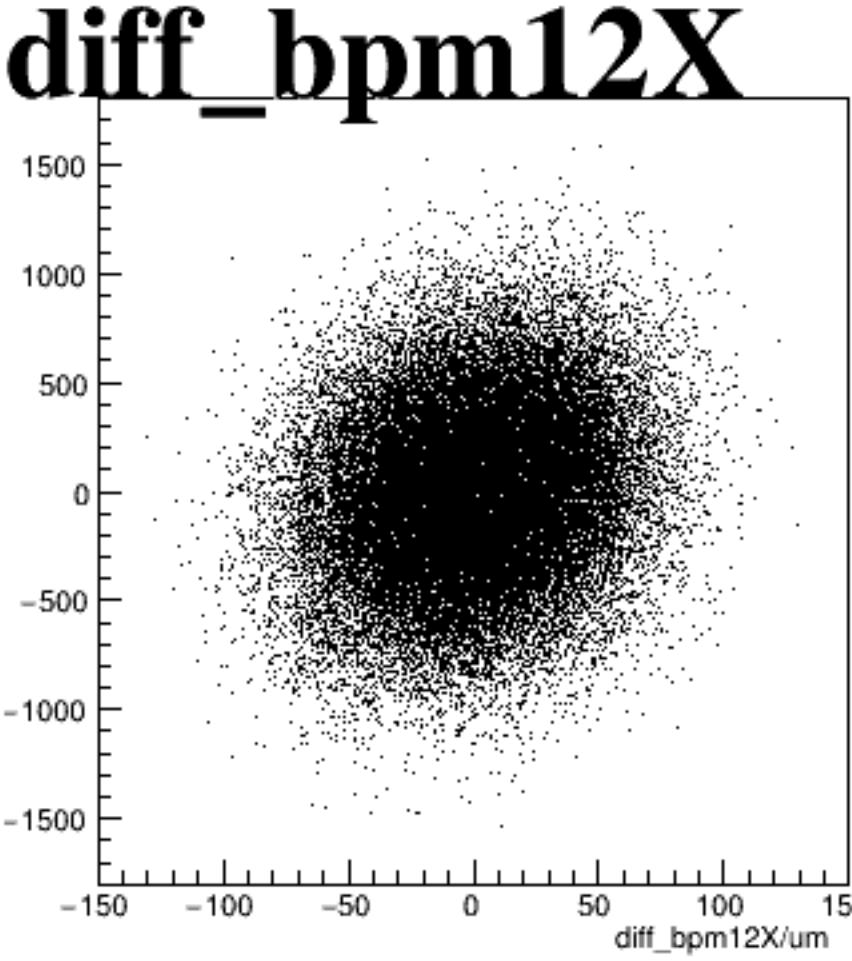
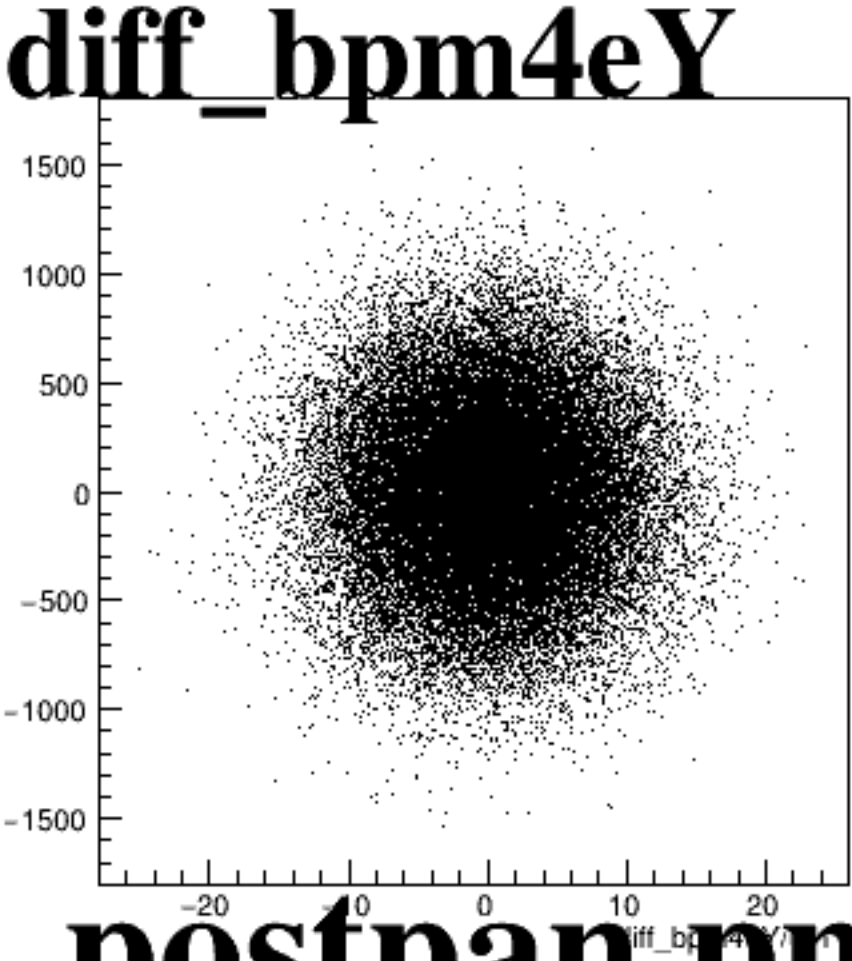
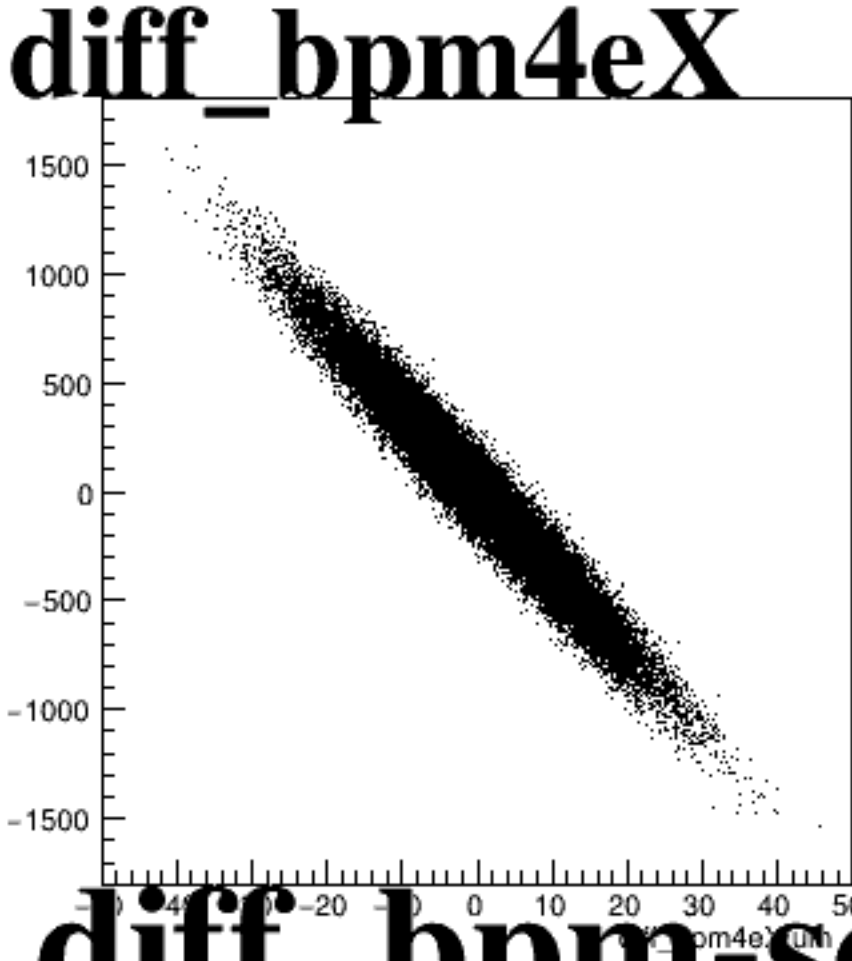
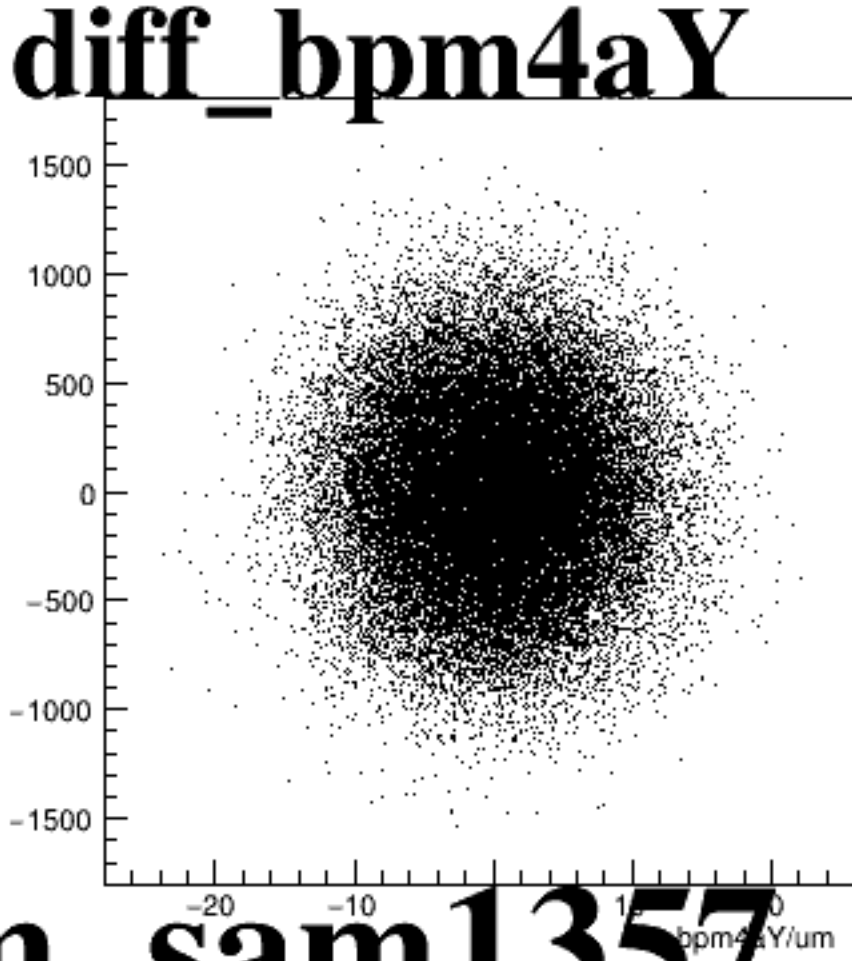
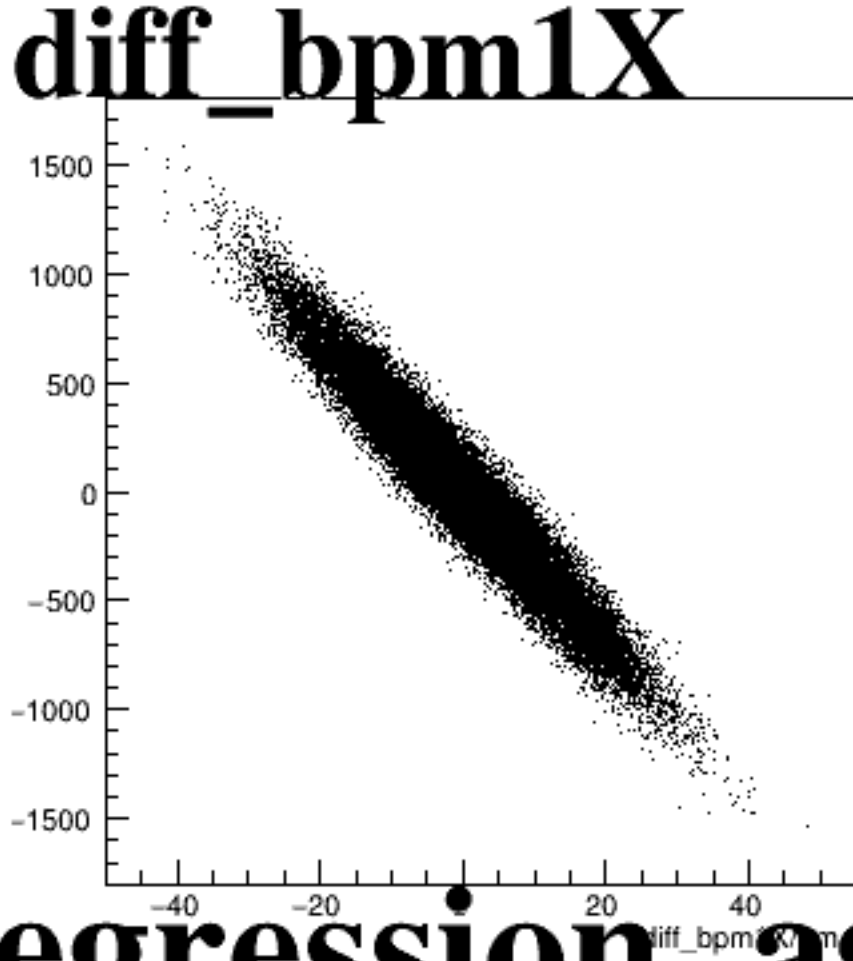
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for a specific beam parameter. The plots are titled: **diff_bpm1X**, **diff_bpm4aY**, **diff_bpm4eX**, **diff_bpm4eY**, and **diff_bpm12X**. Each plot displays a dense cloud of points centered around the origin (0,0). The y-axis for all plots ranges from -600 to 600. The x-axis ranges vary: **diff_bpm1X** ranges from -40 to 40, **diff_bpm4aY** ranges from -20 to 20, **diff_bpm4eX** ranges from -50 to 50, **diff_bpm4eY** ranges from -20 to 20, and **diff_bpm12X** ranges from -150 to 150. The plots show that the differences are generally small, indicating high precision in the BPM measurements.