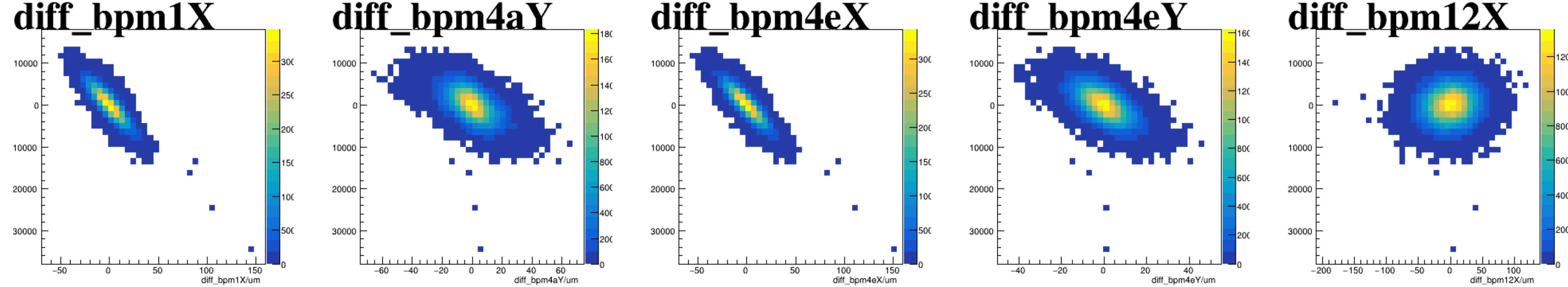
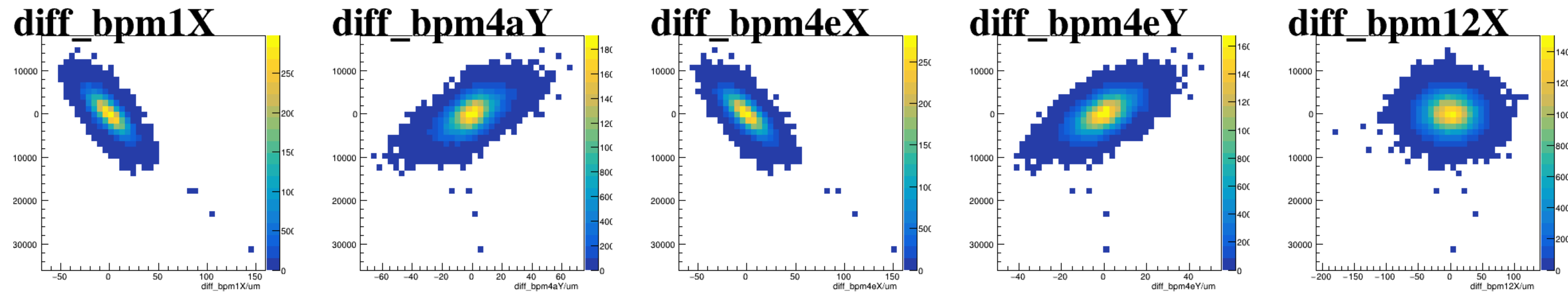


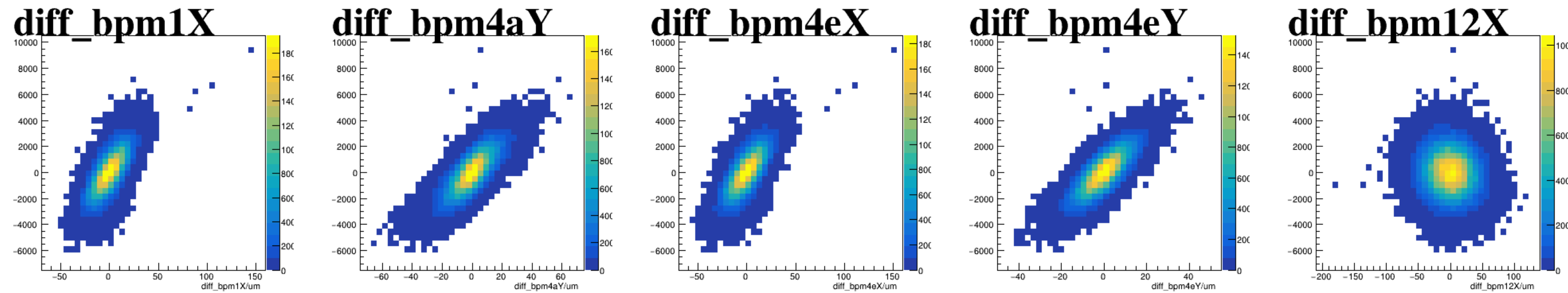
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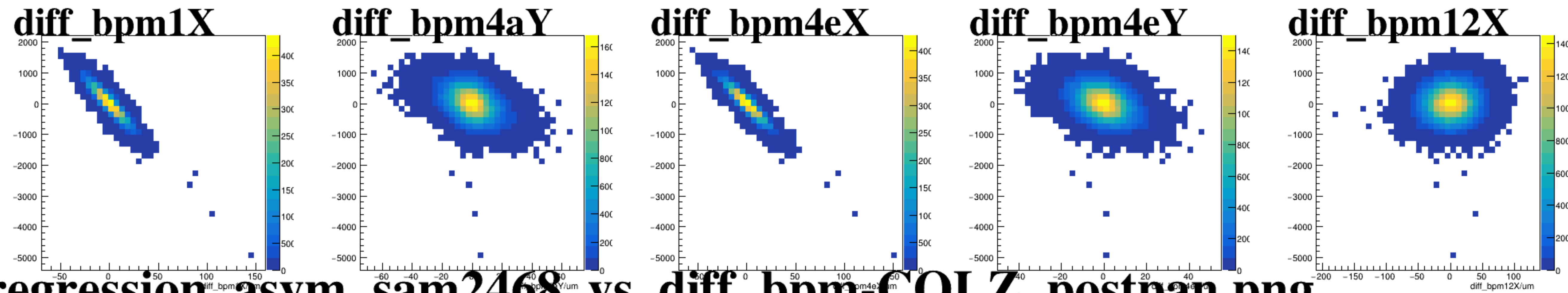
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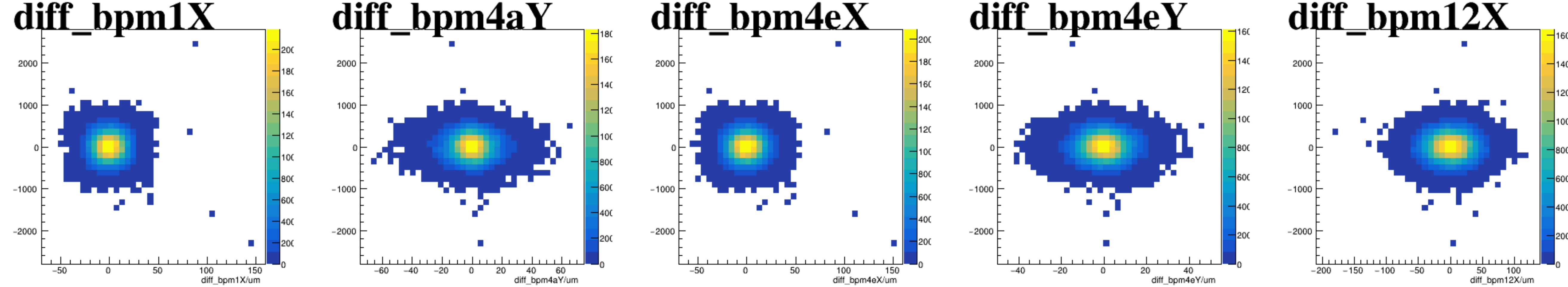
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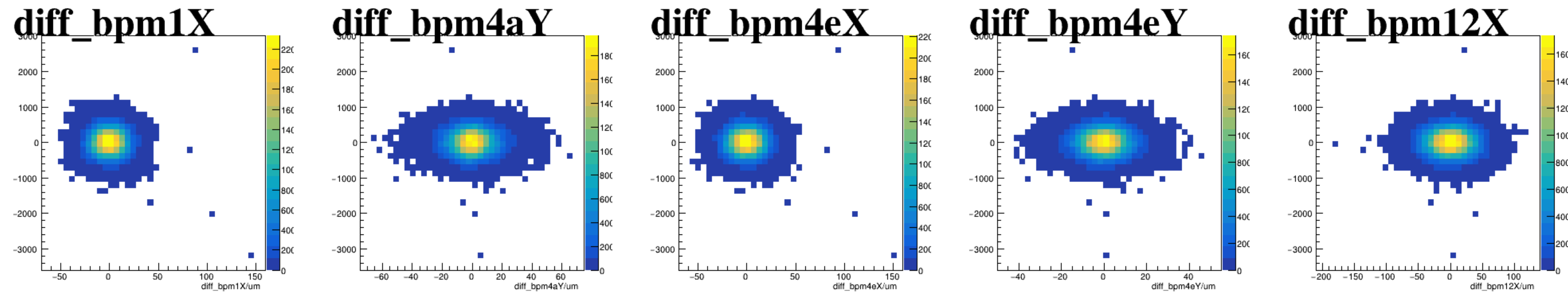
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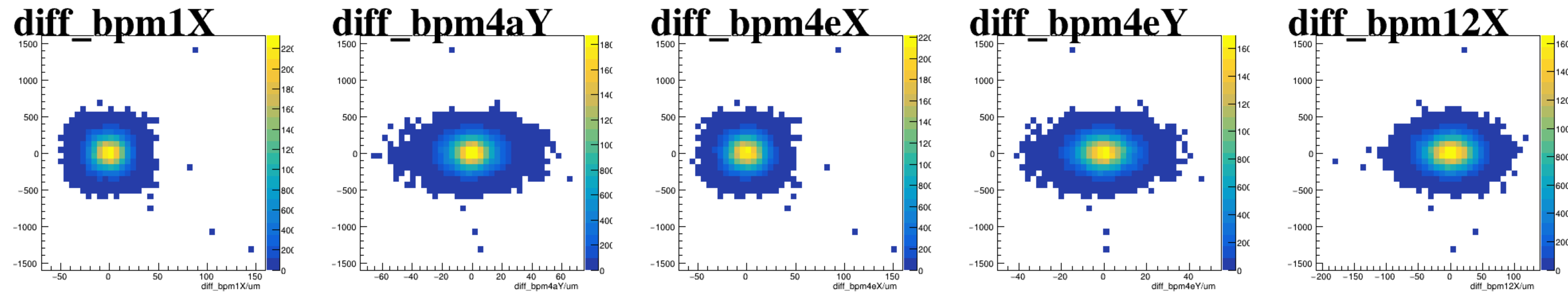
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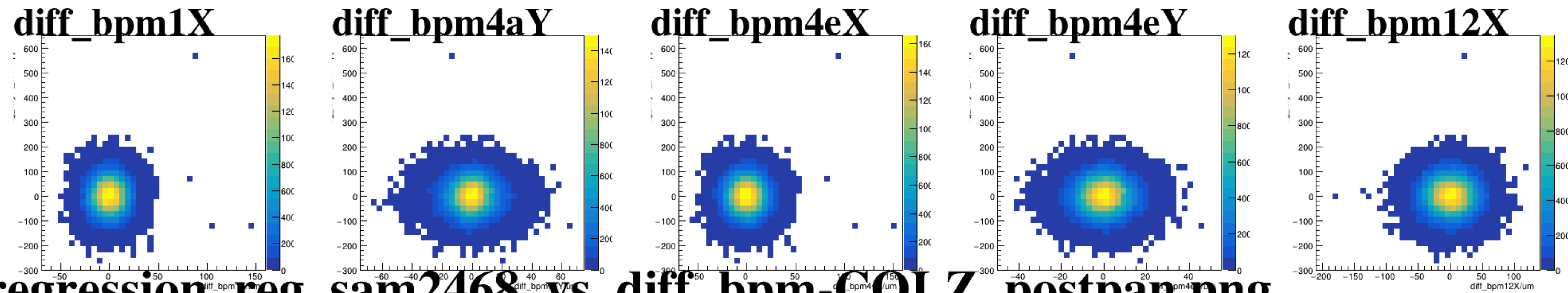
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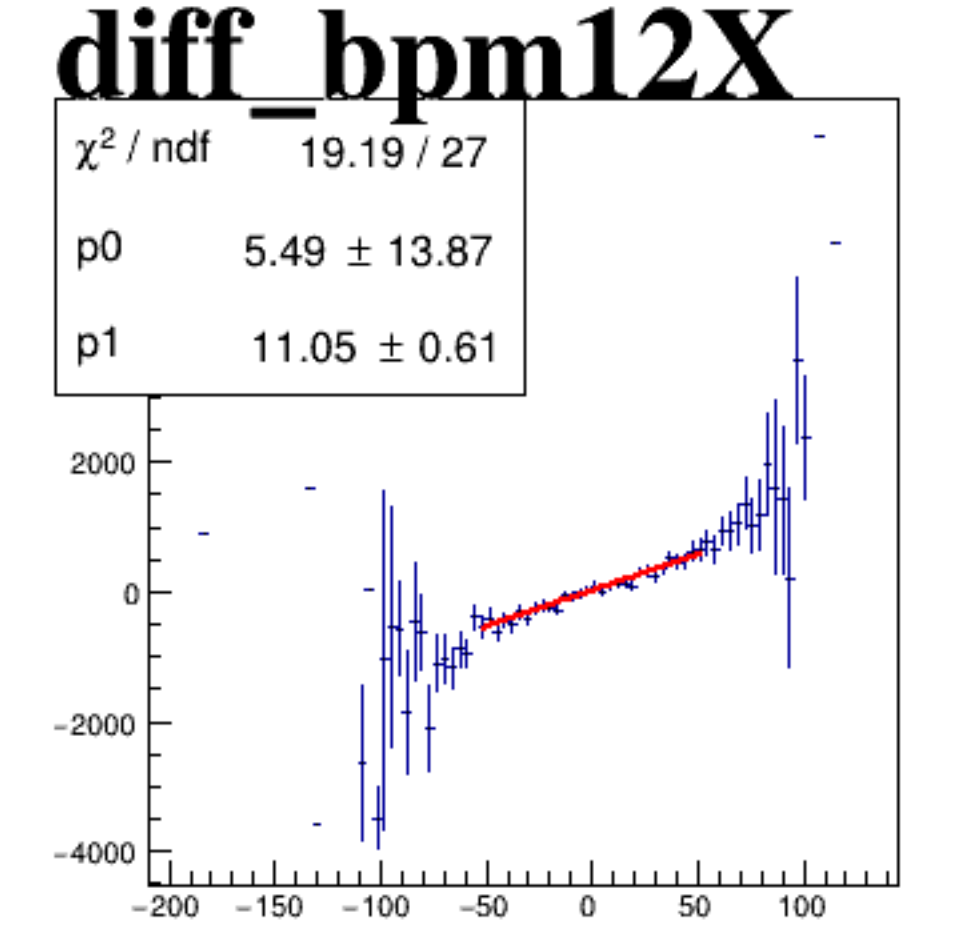
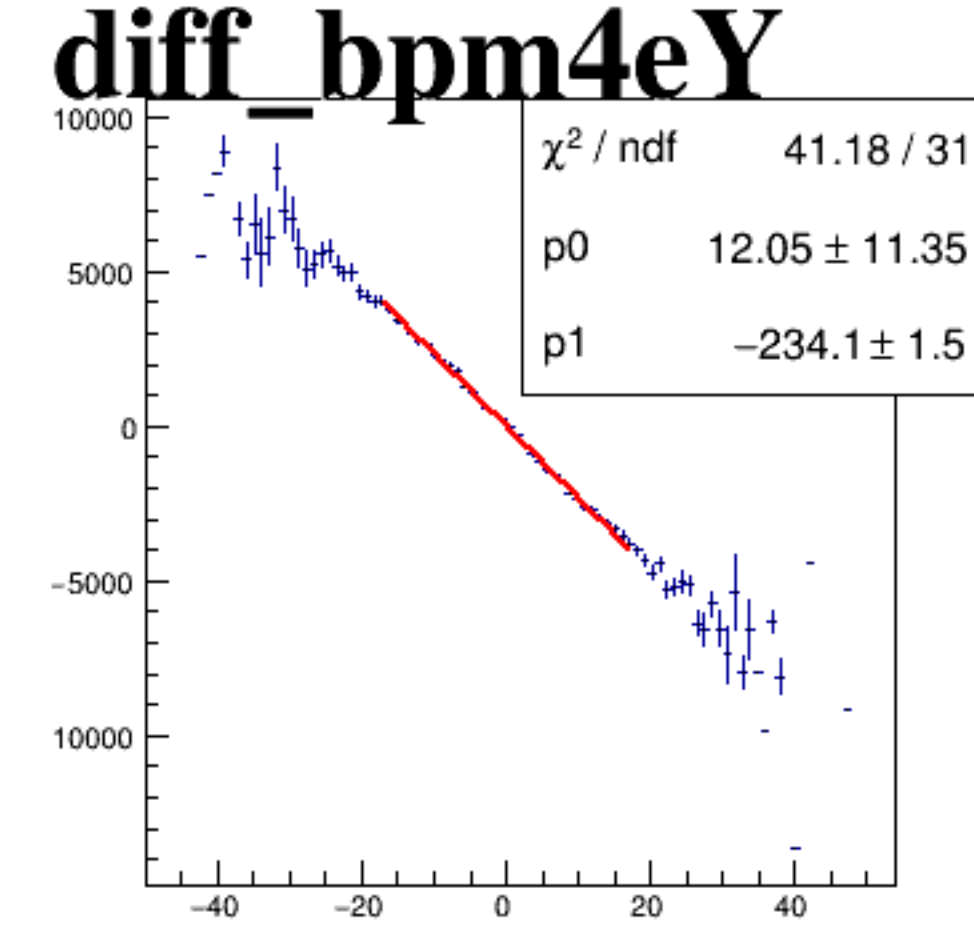
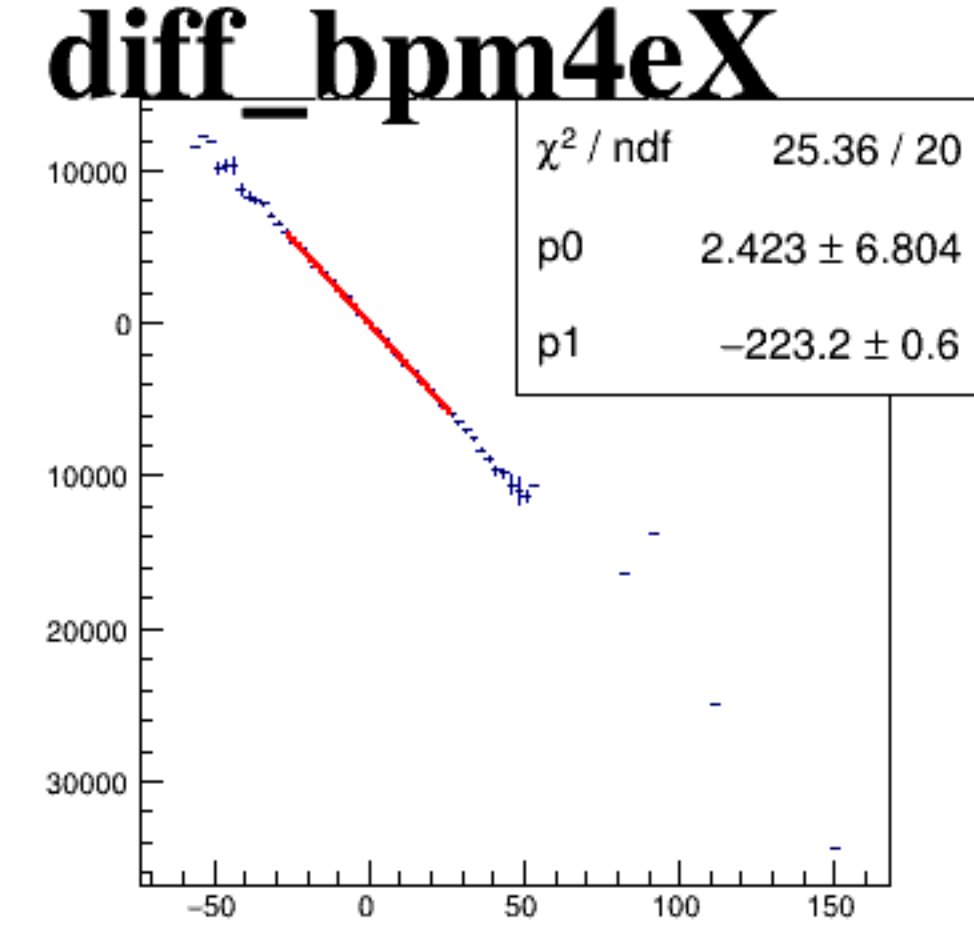
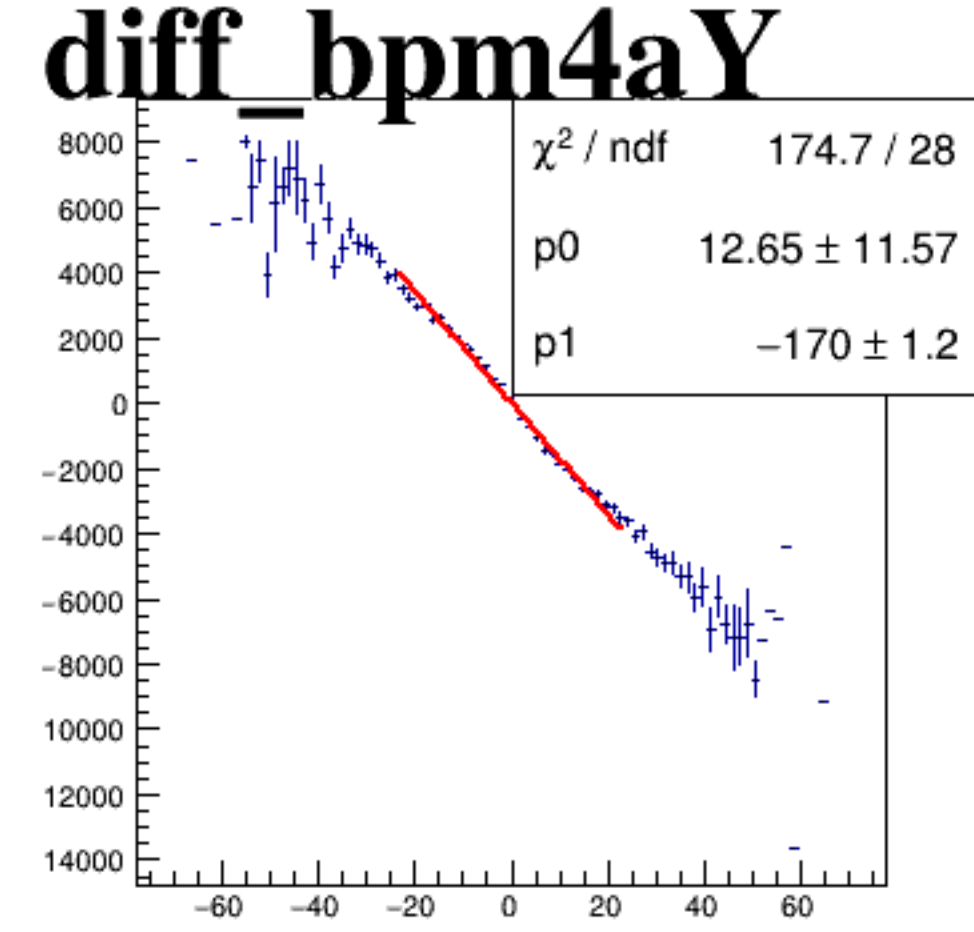
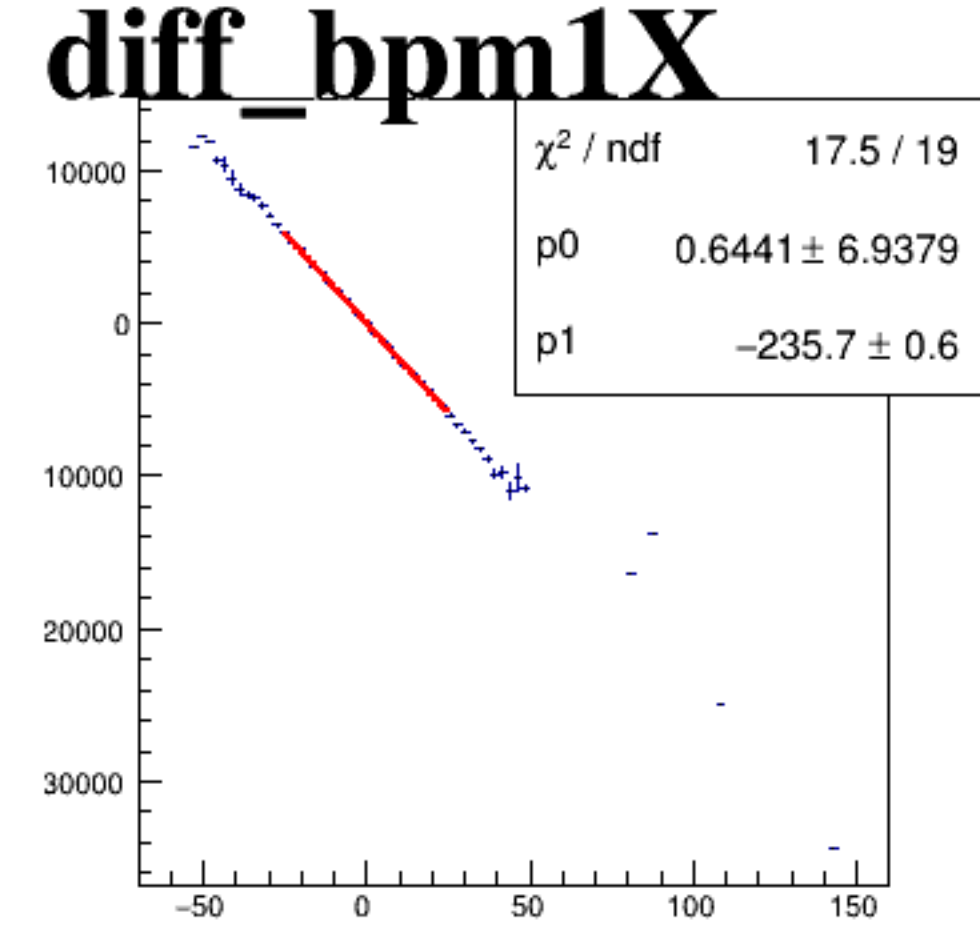
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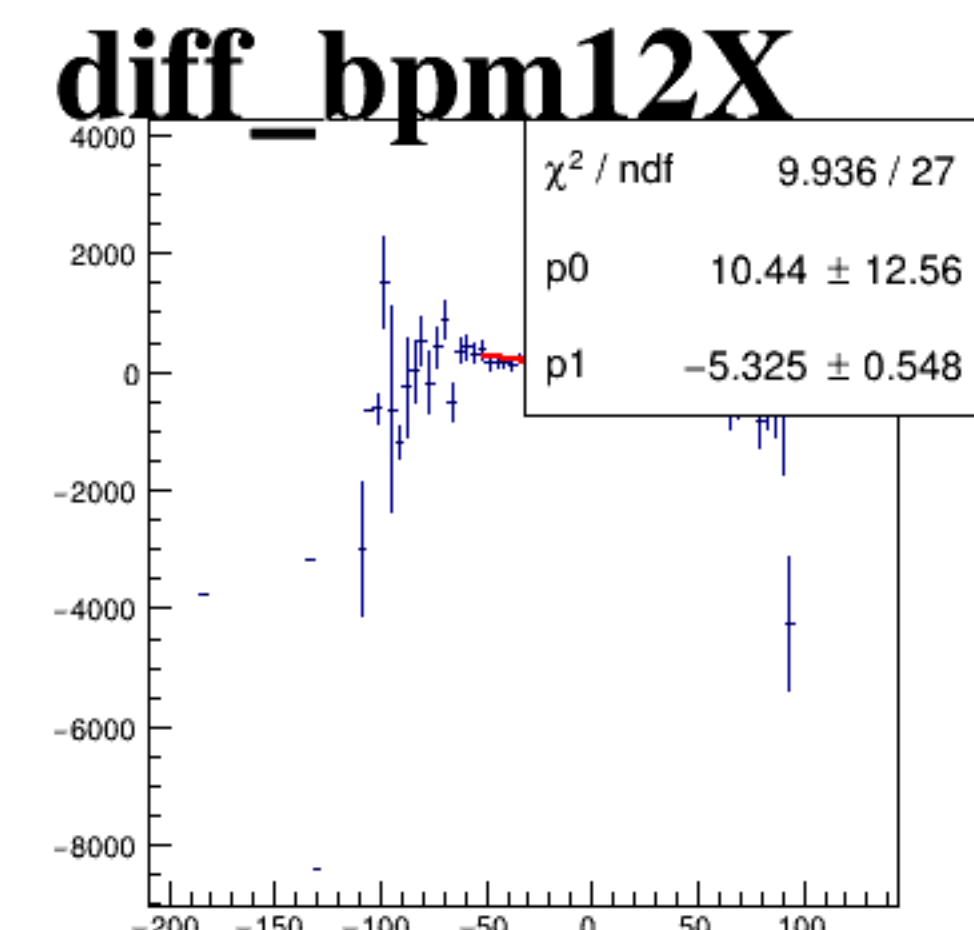
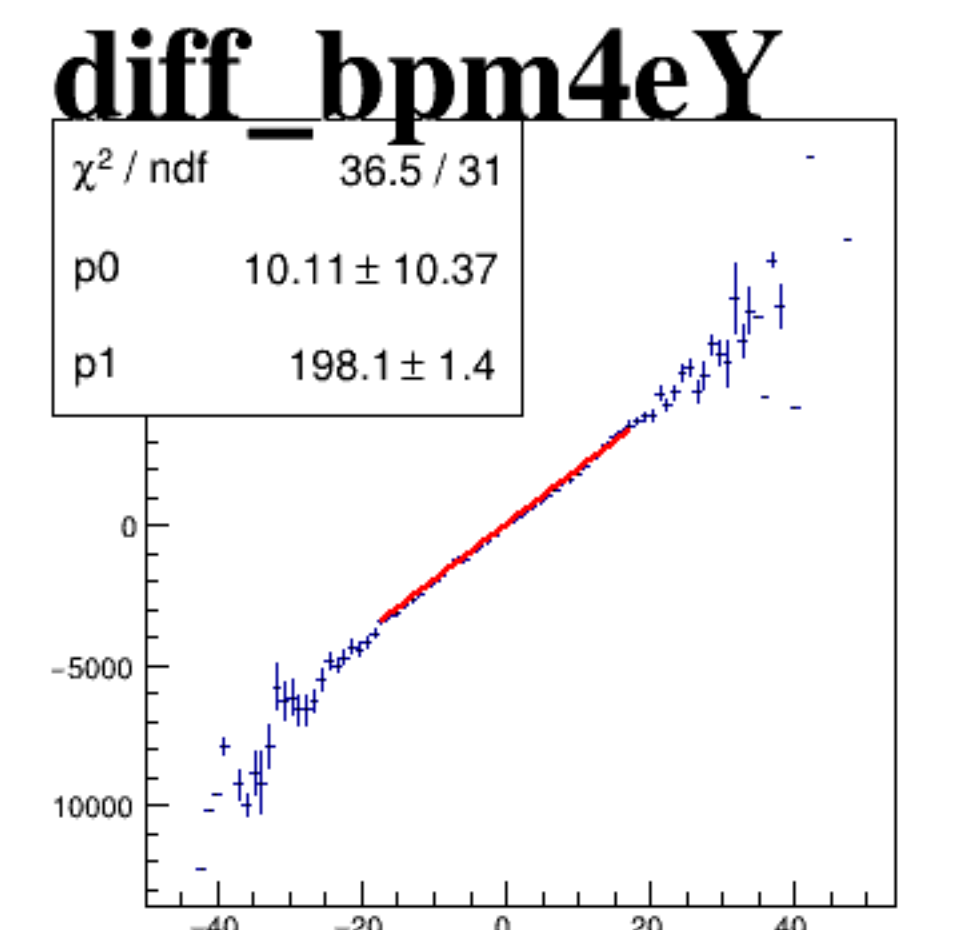
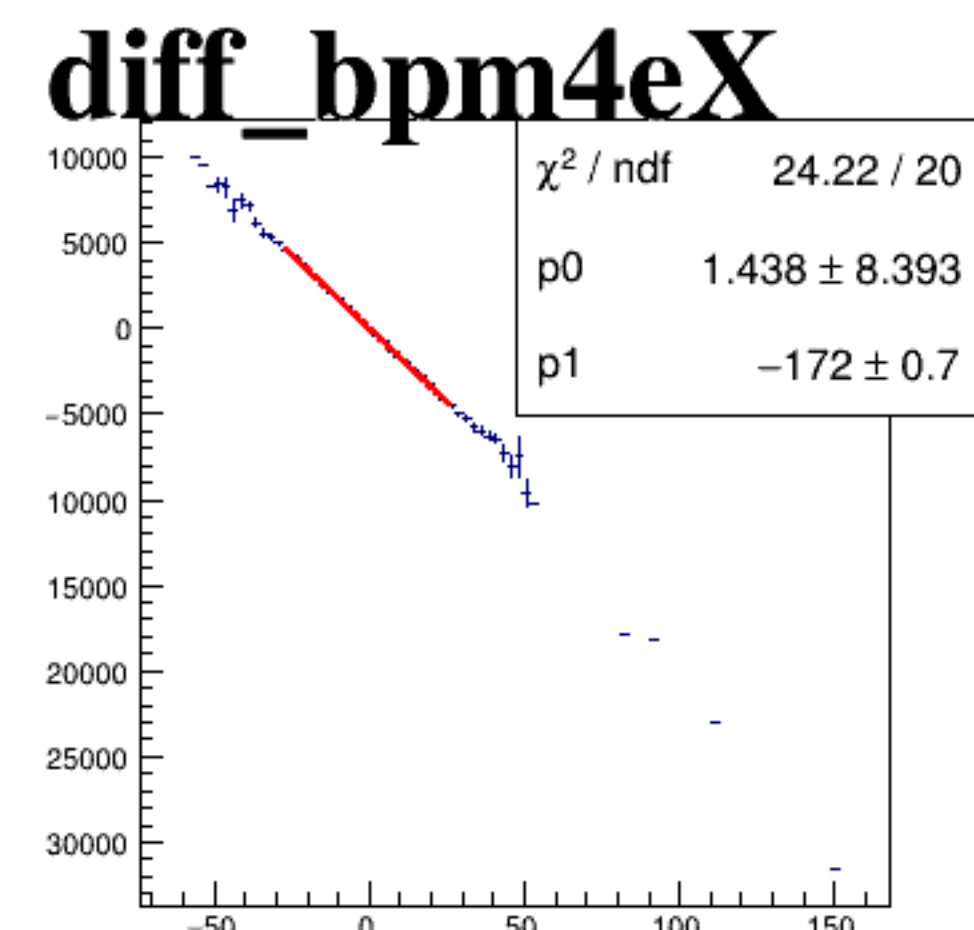
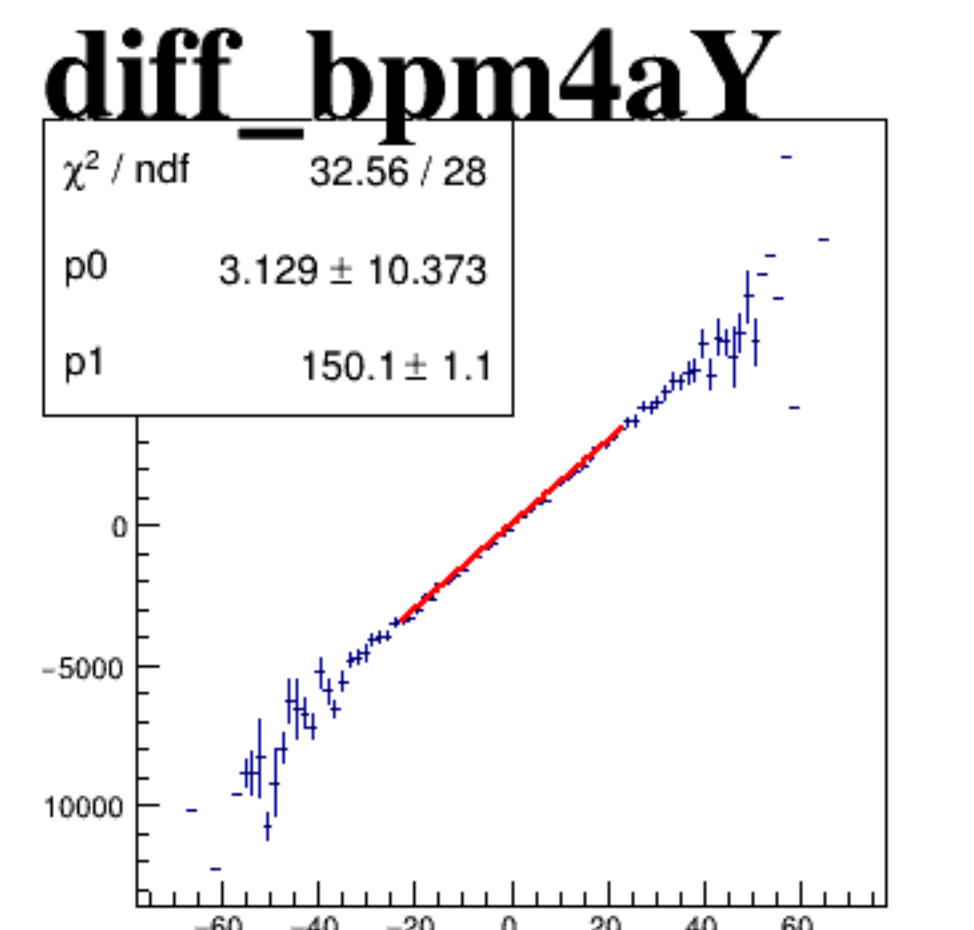
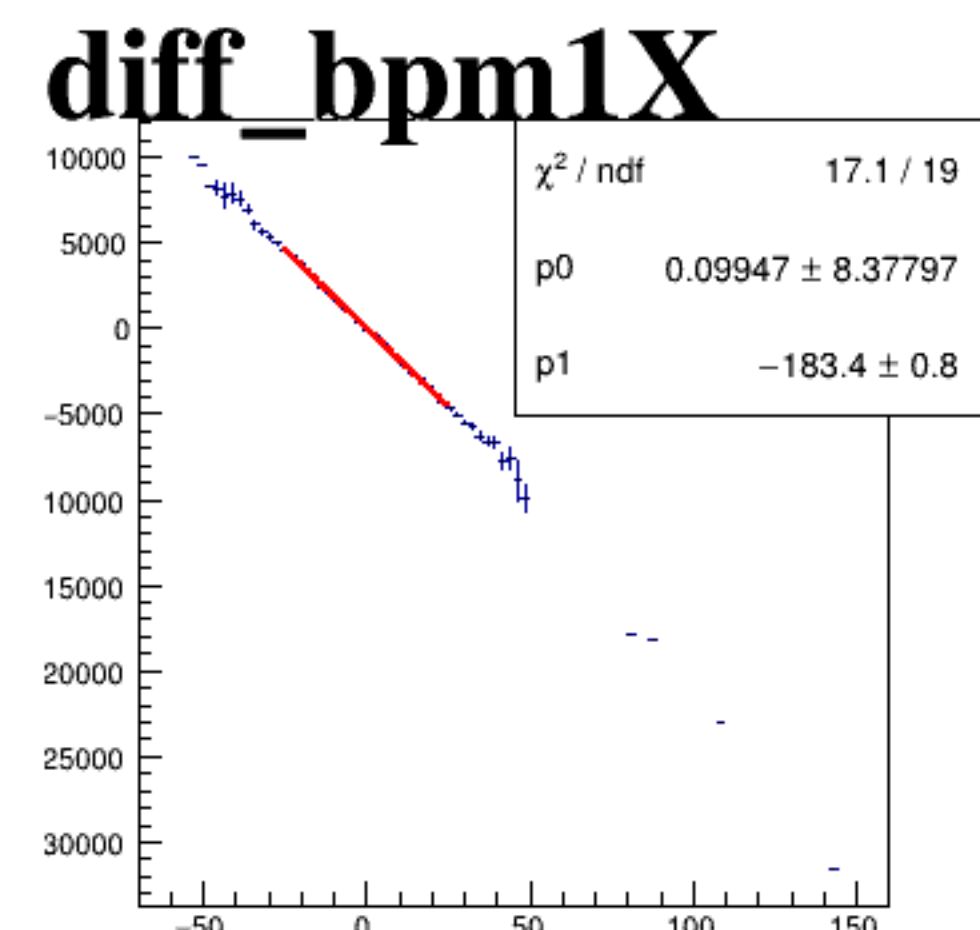
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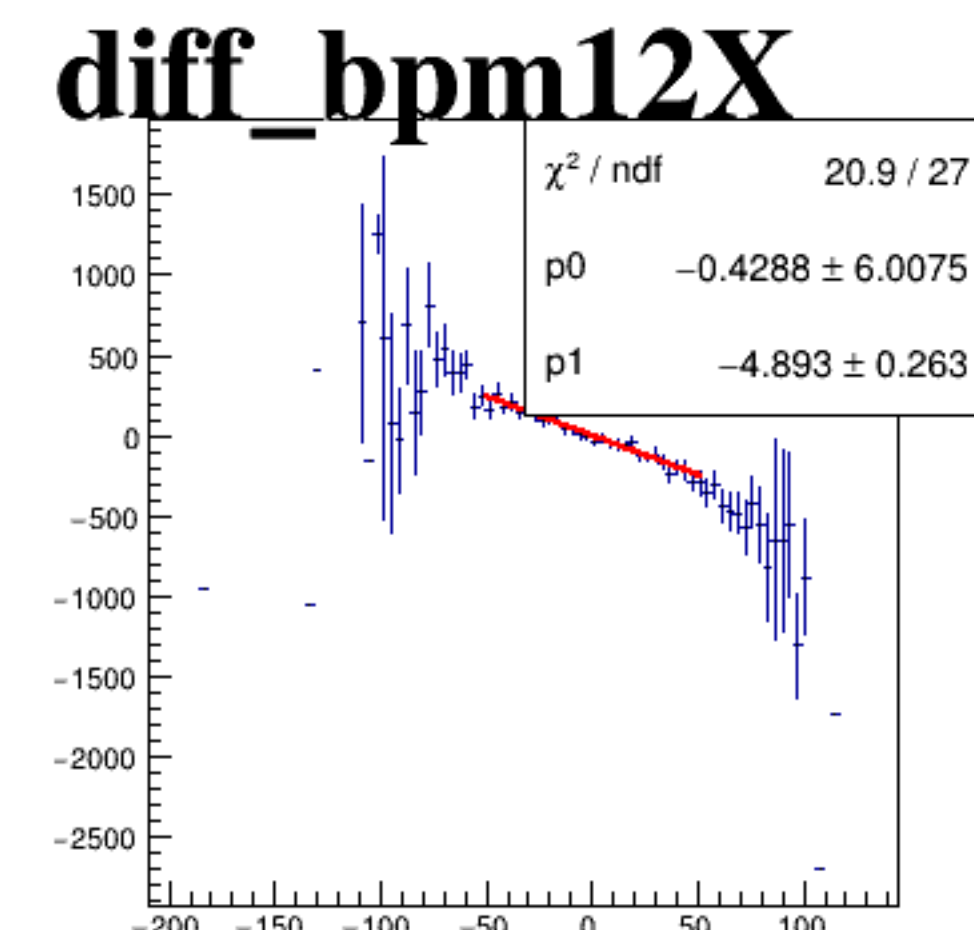
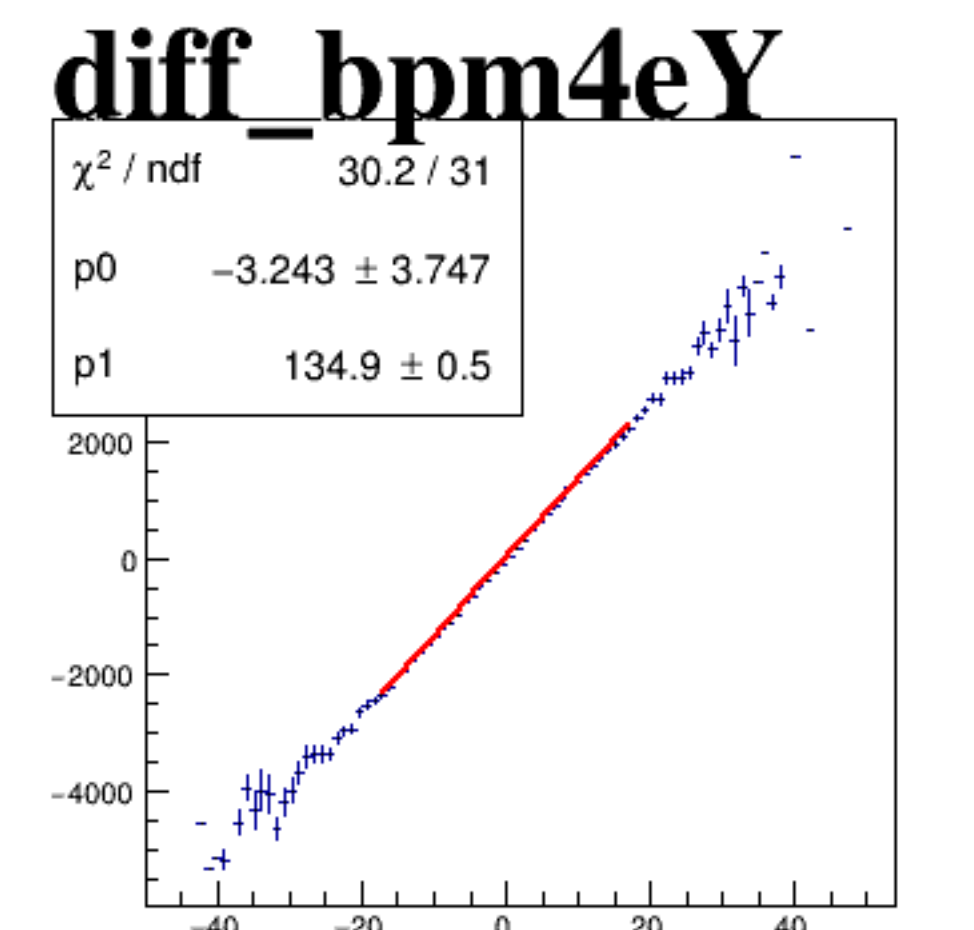
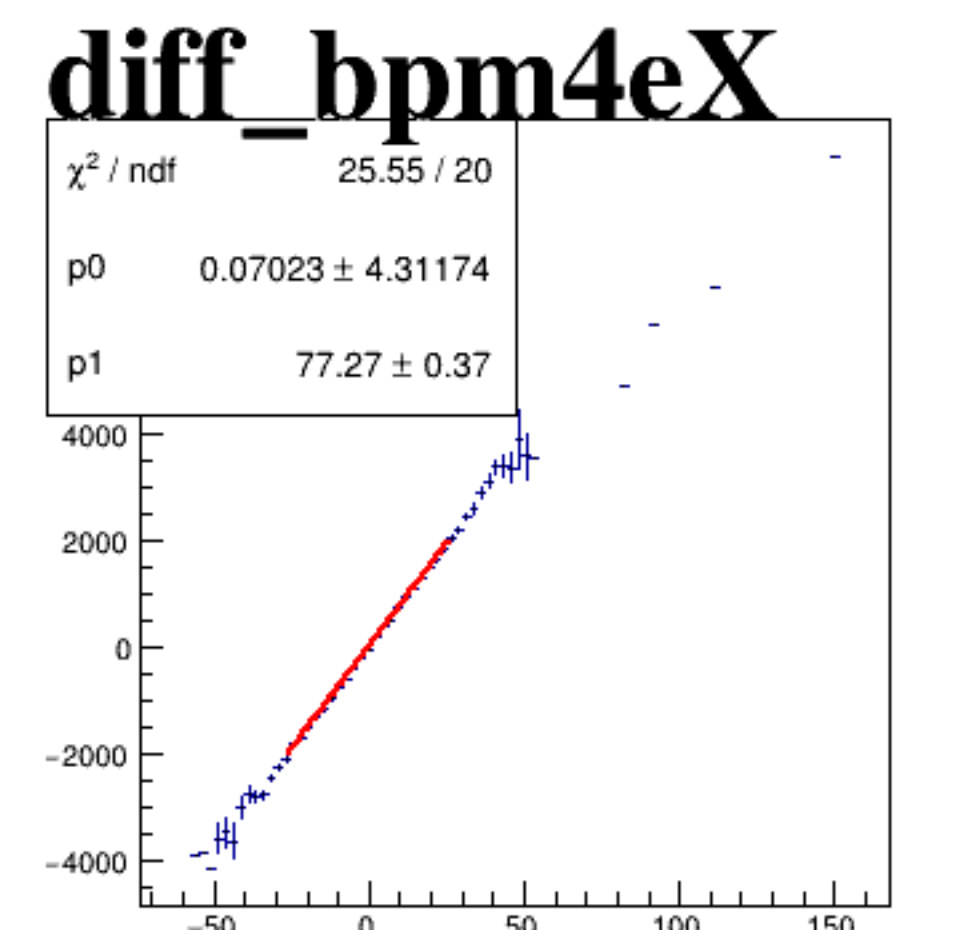
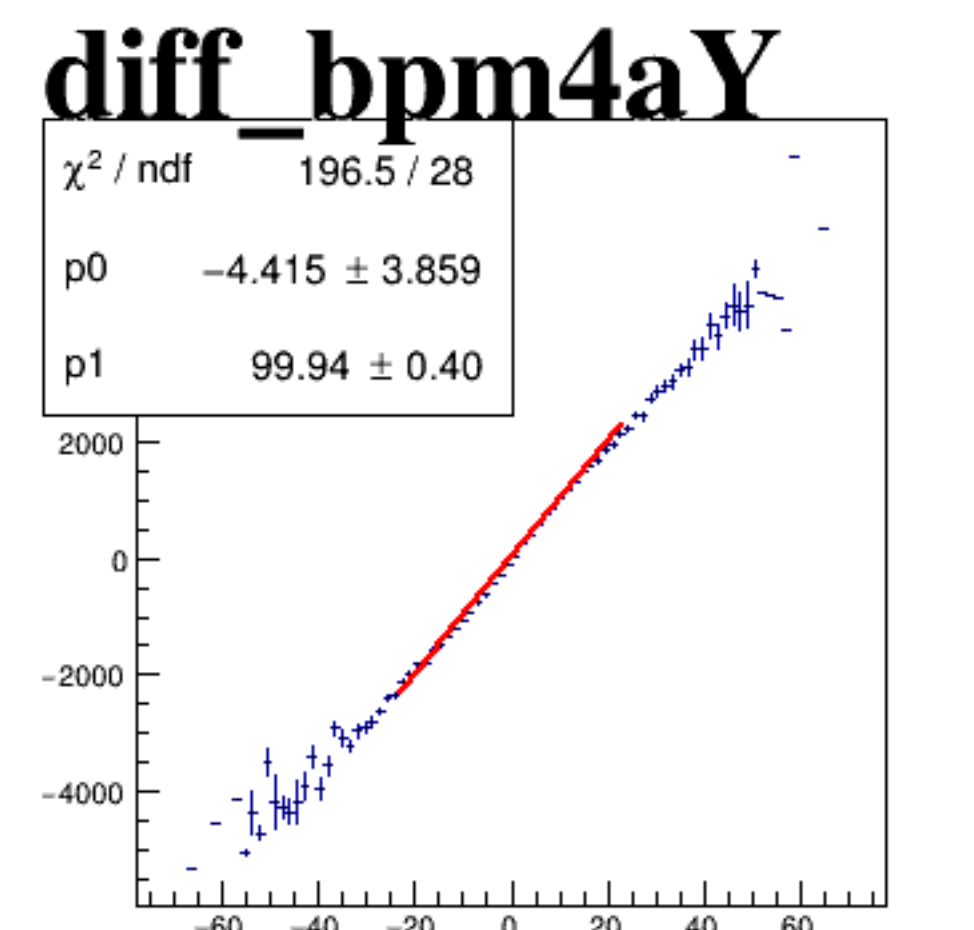
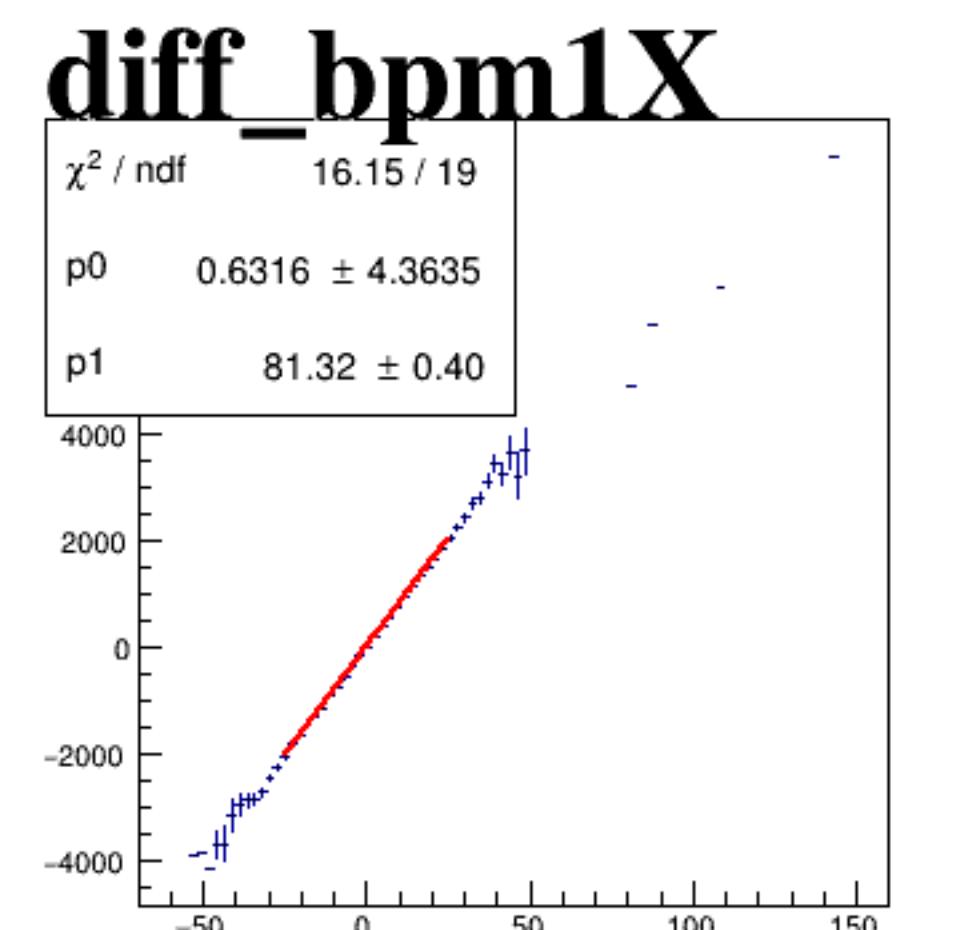
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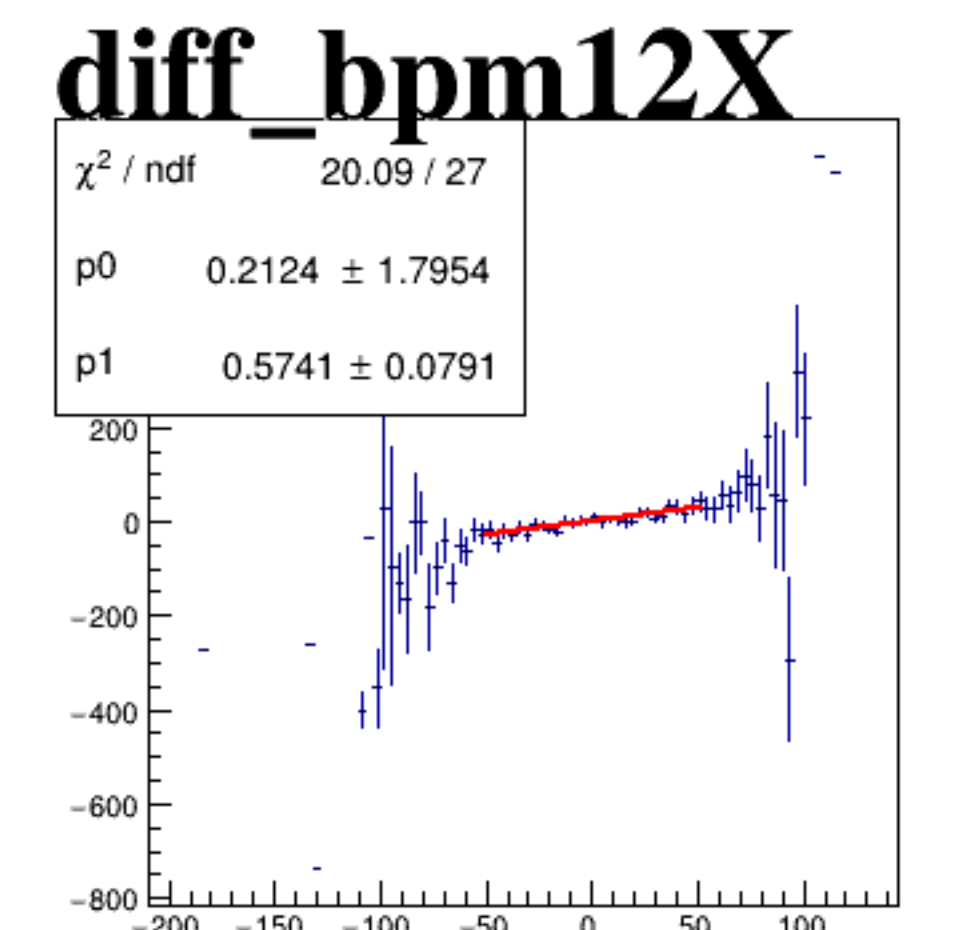
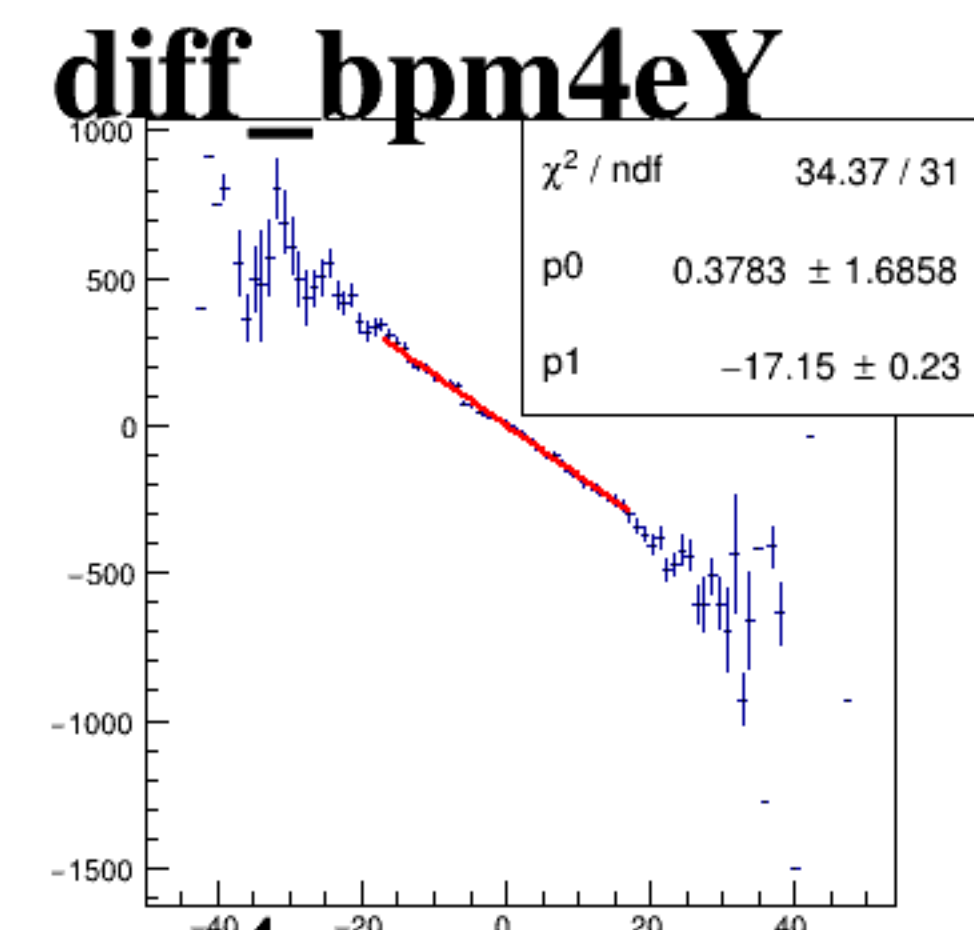
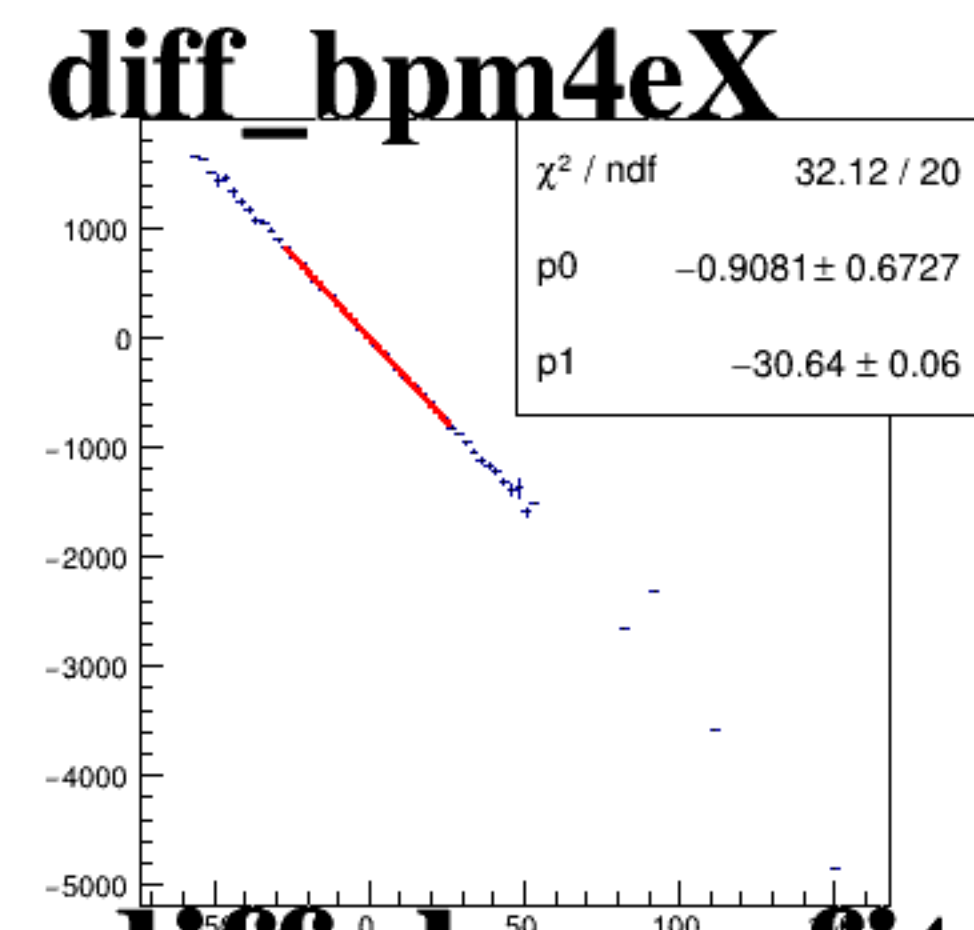
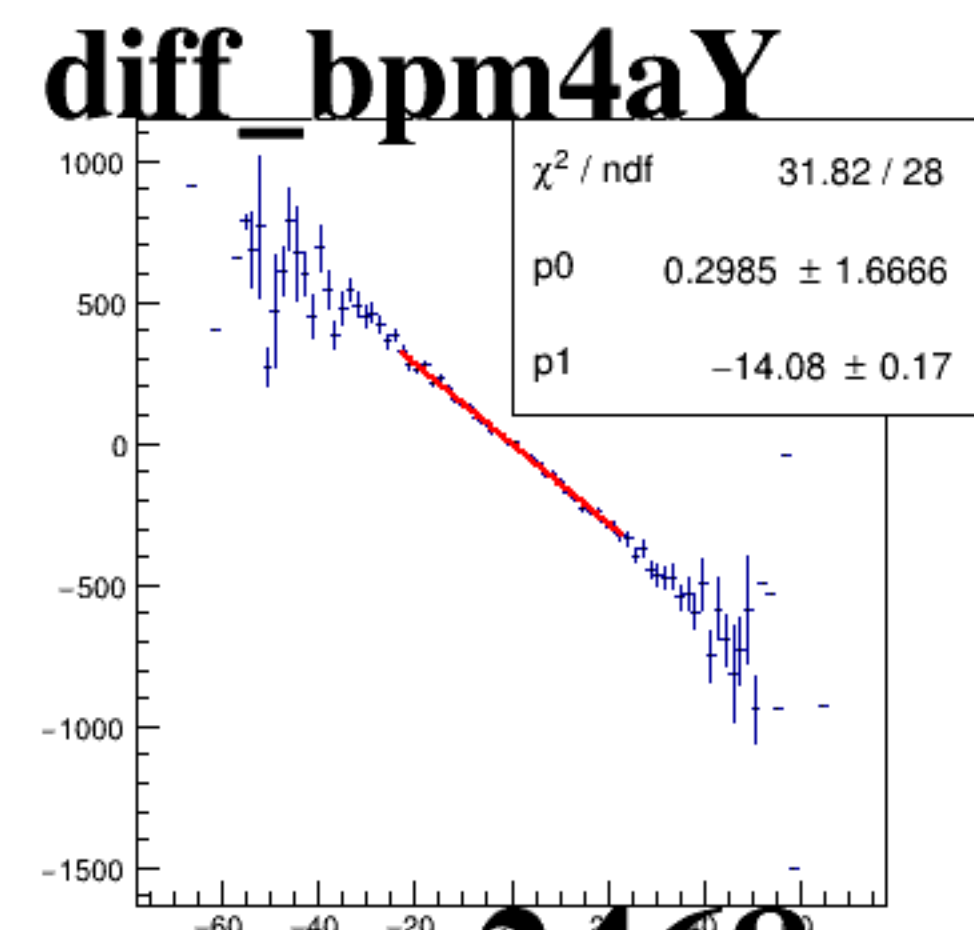
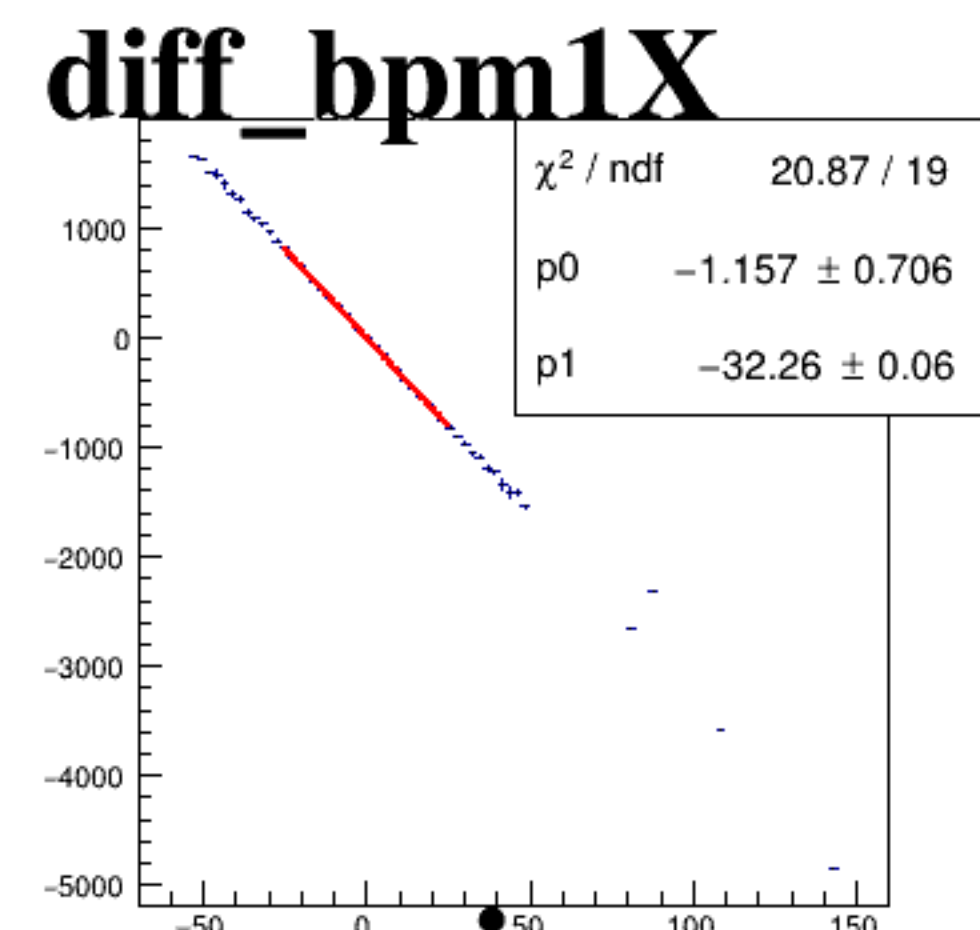
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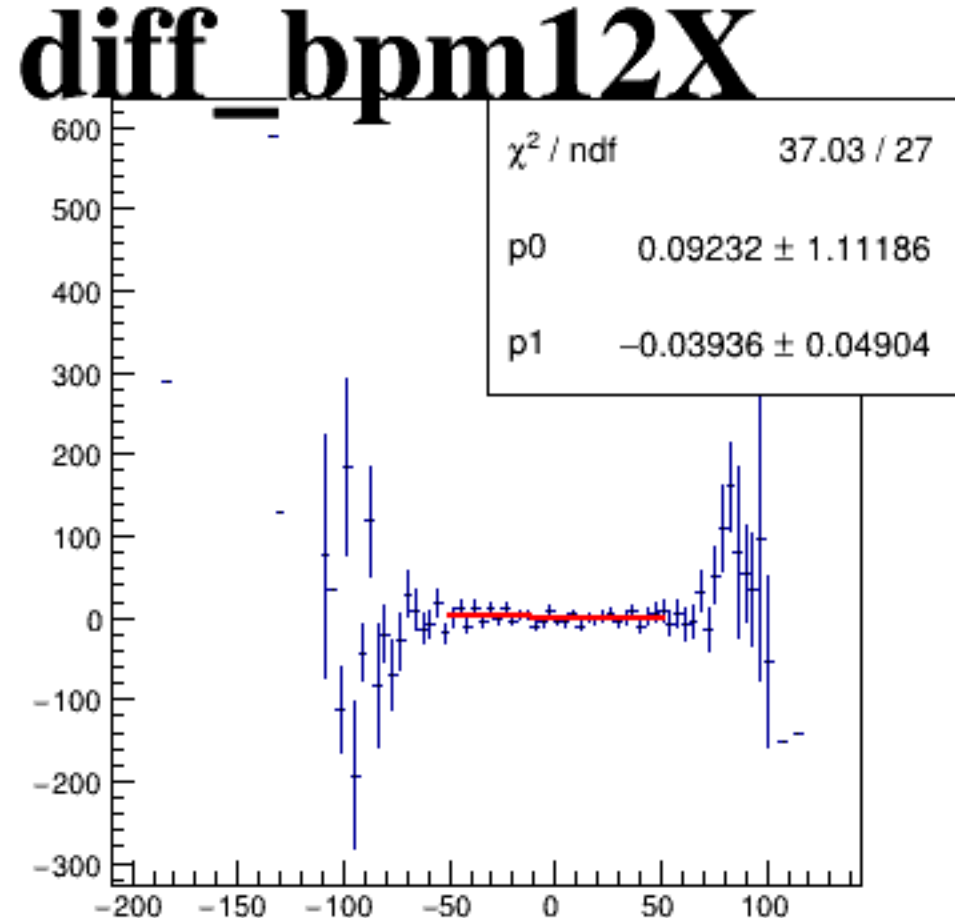
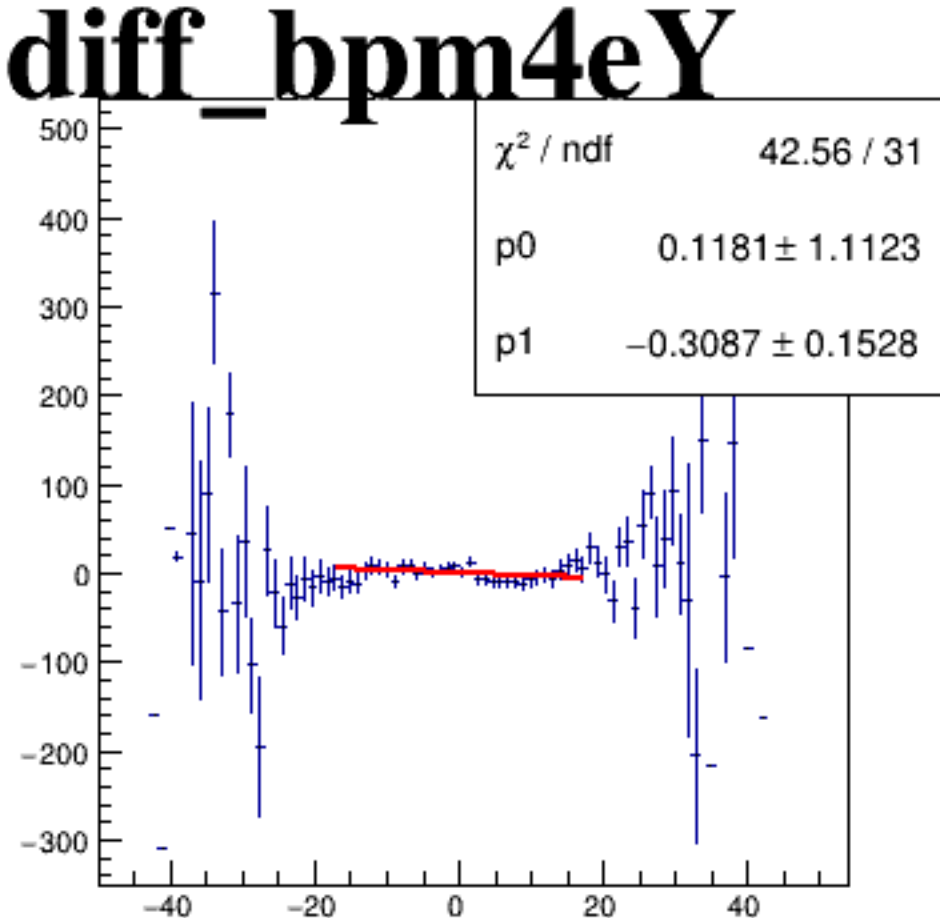
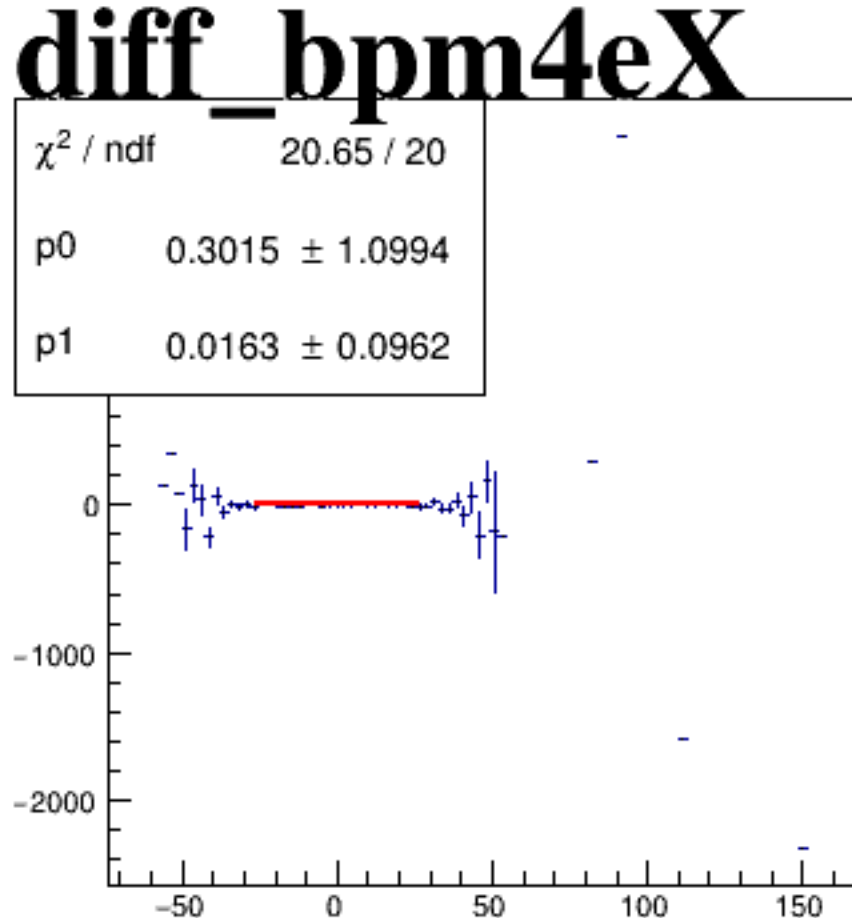
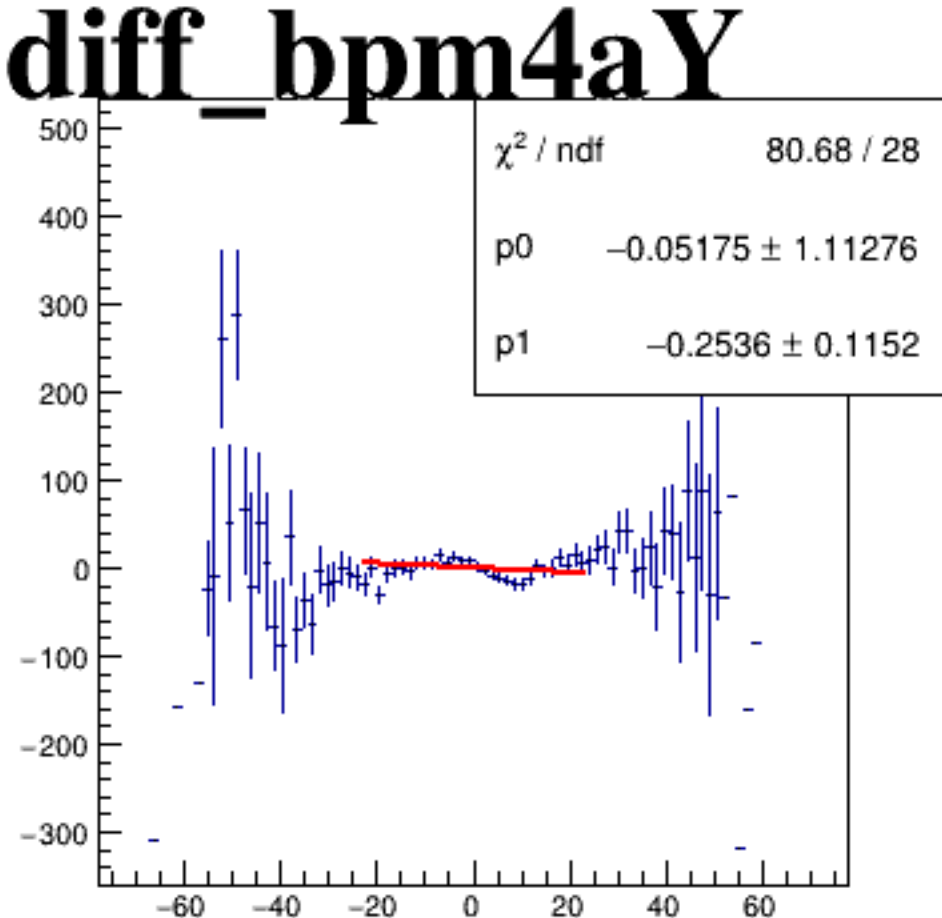
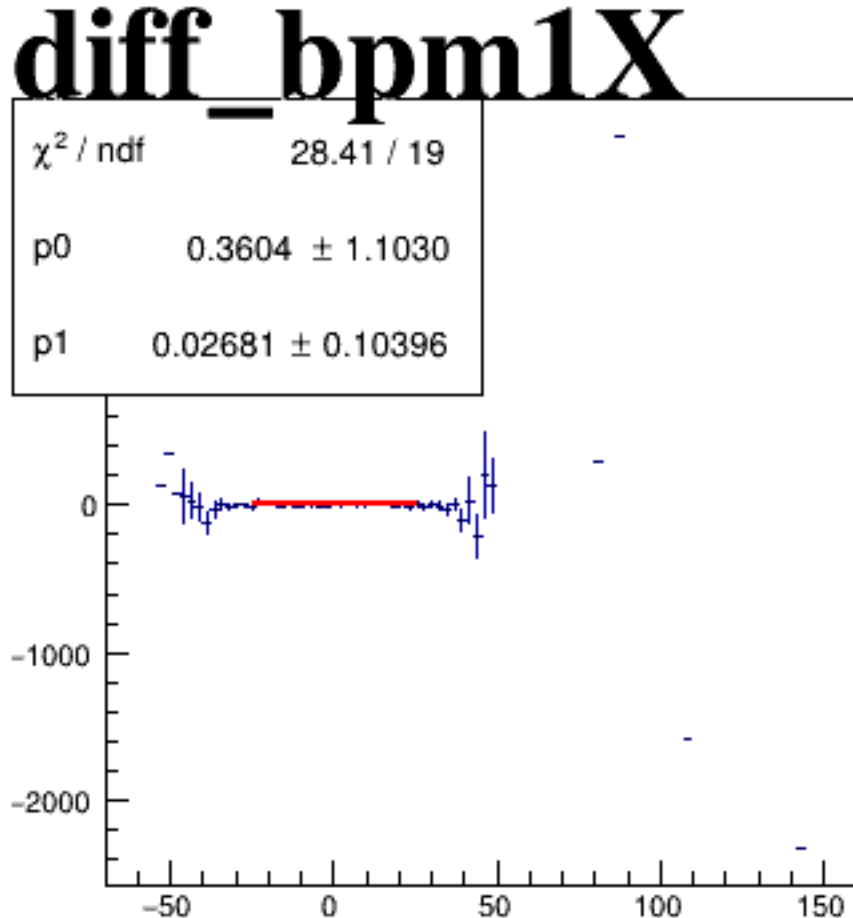
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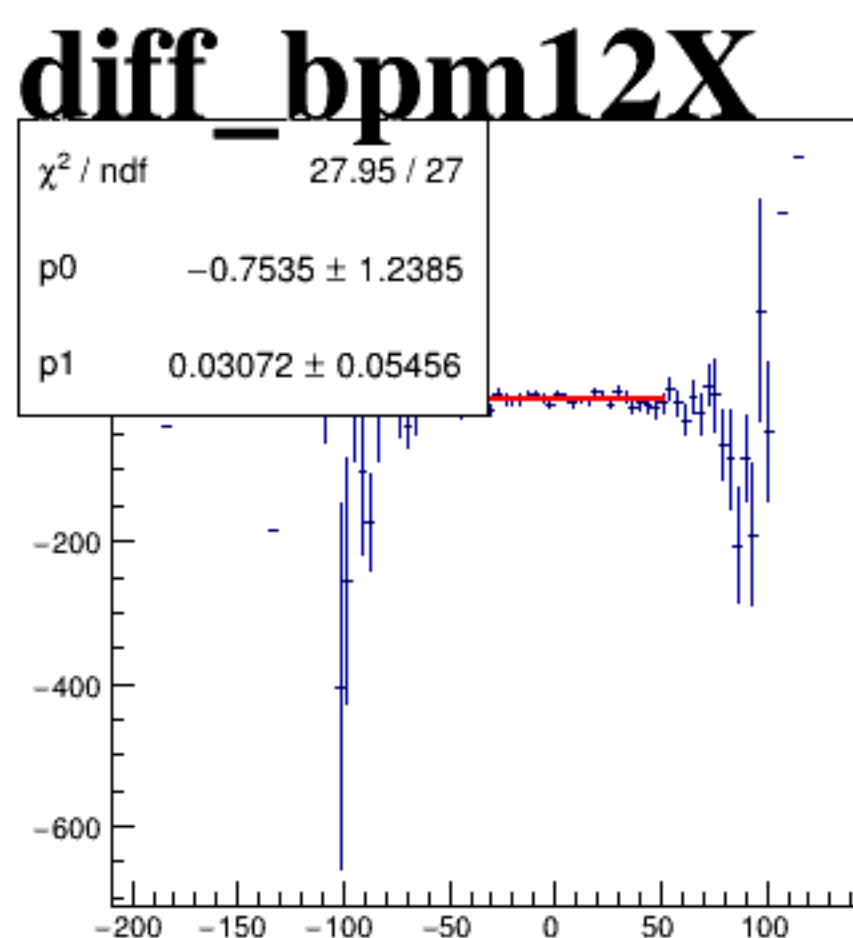
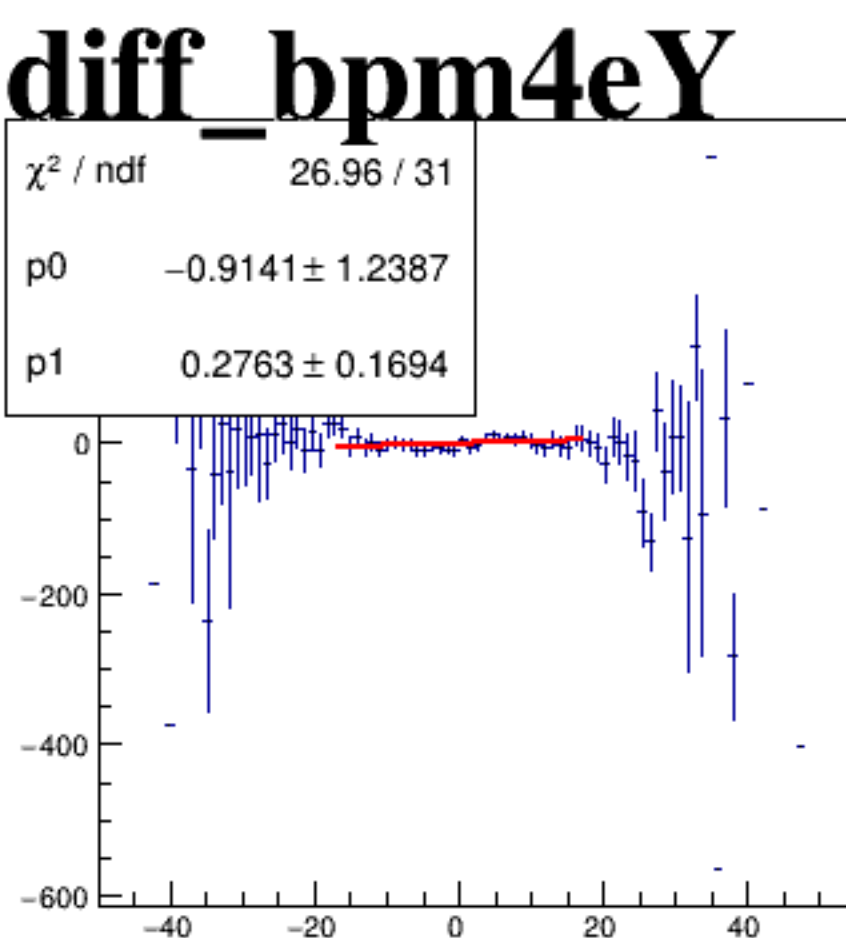
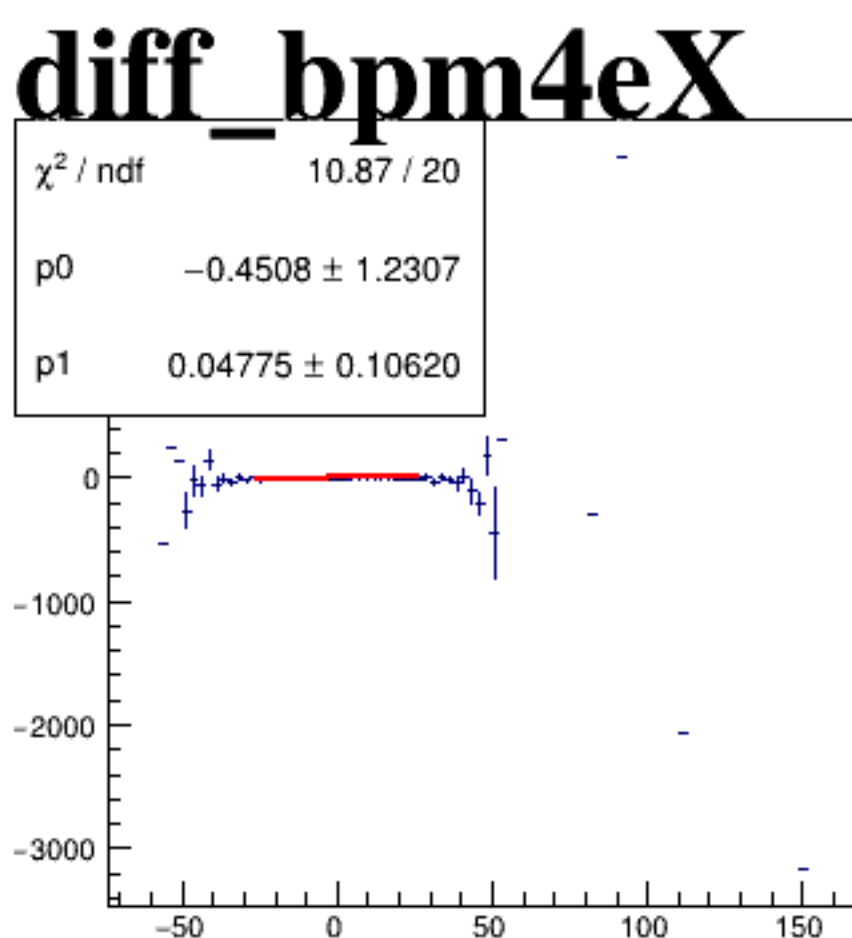
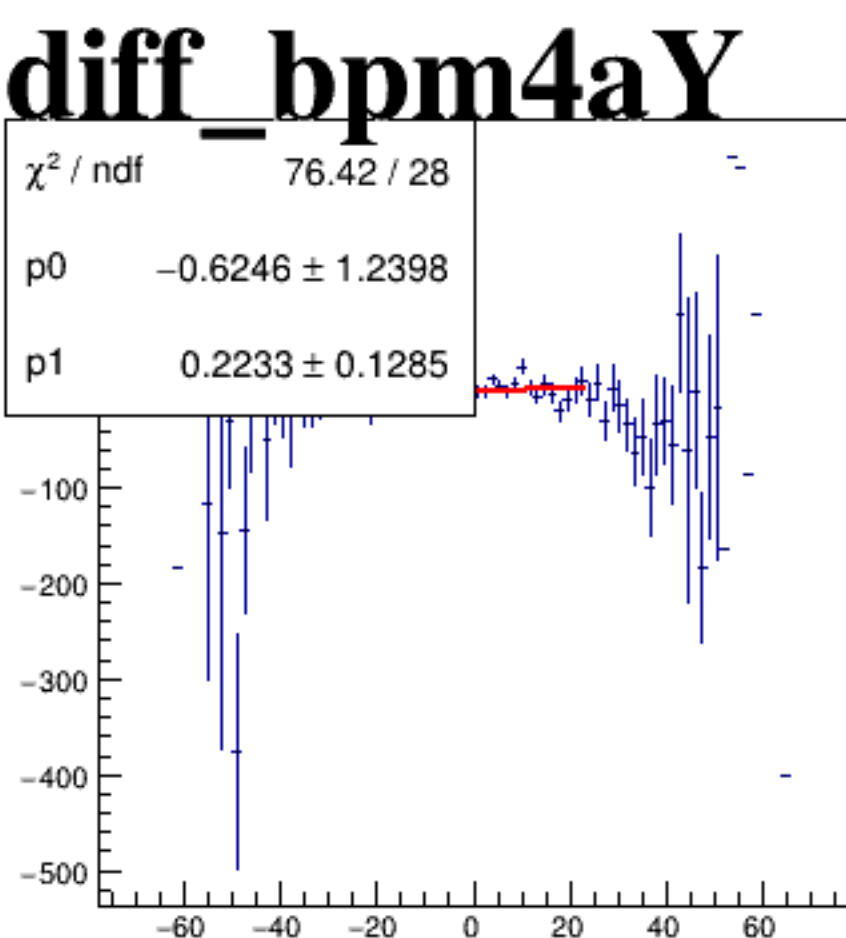
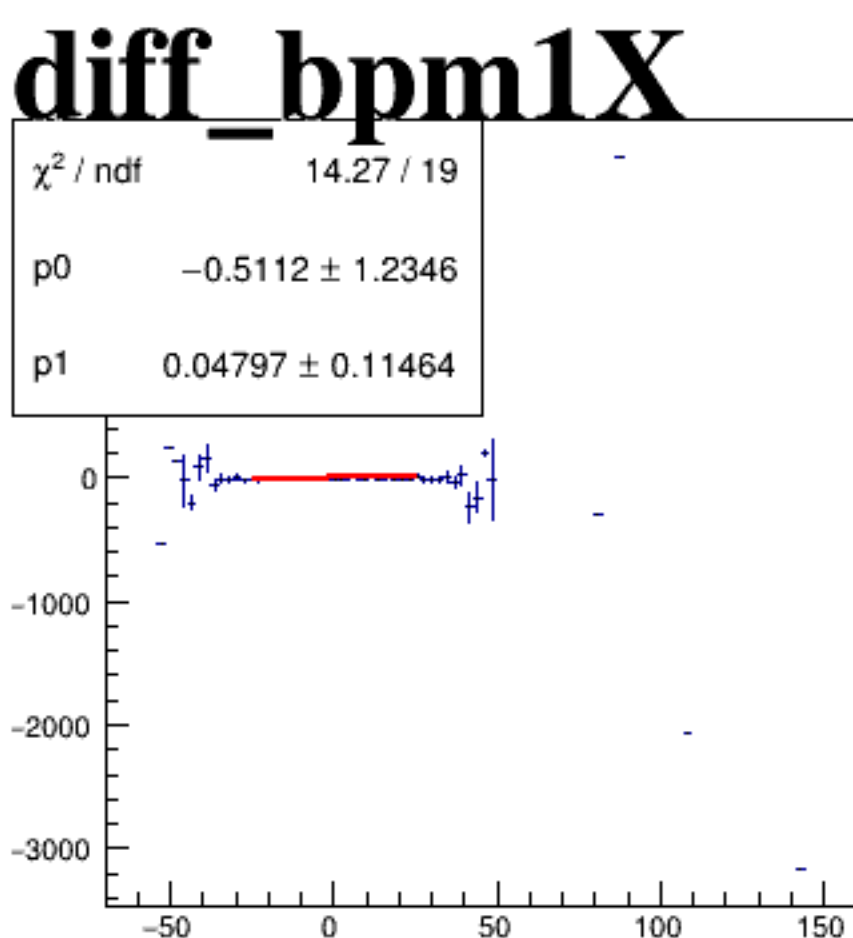
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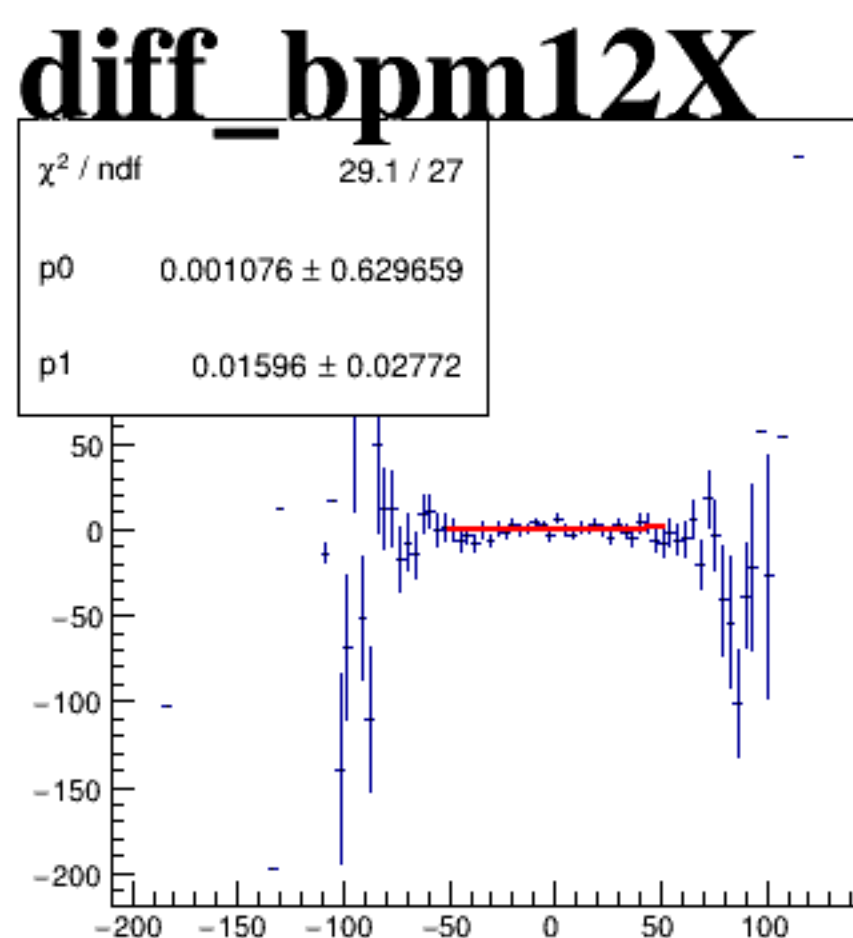
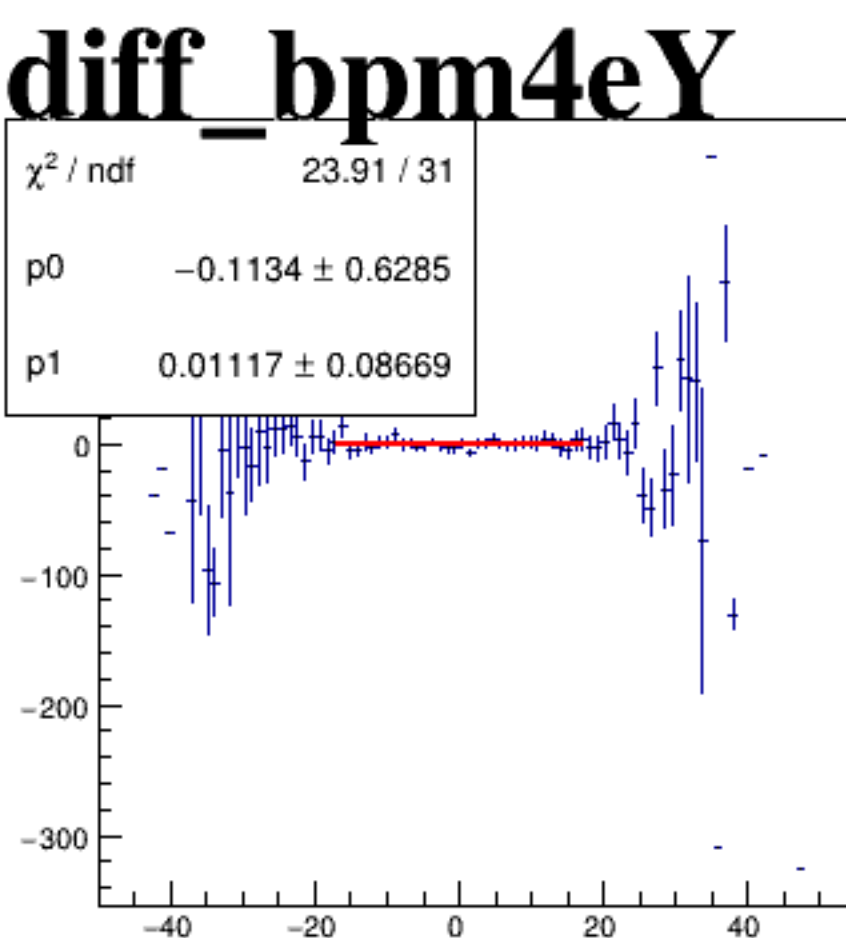
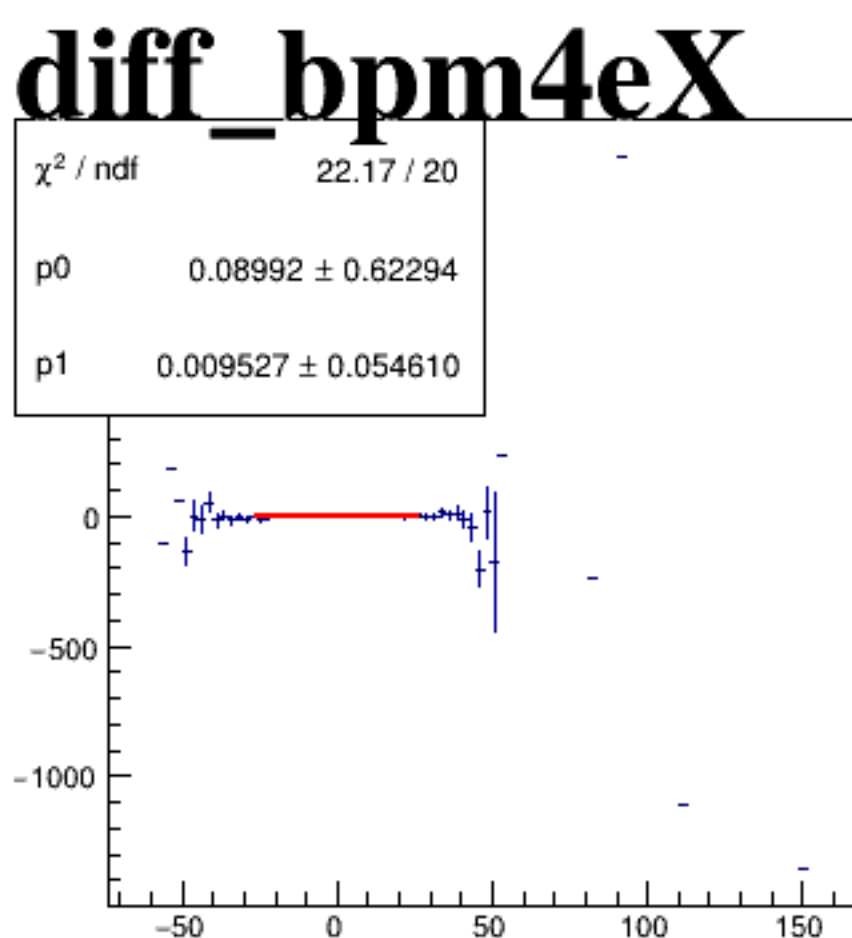
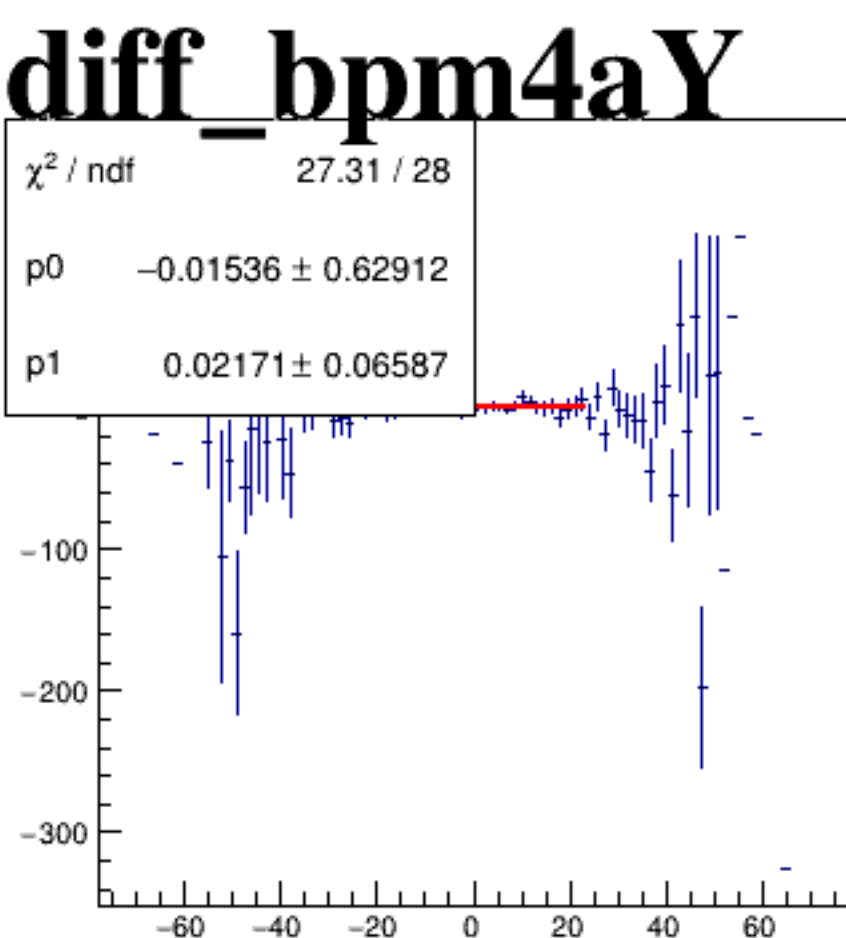
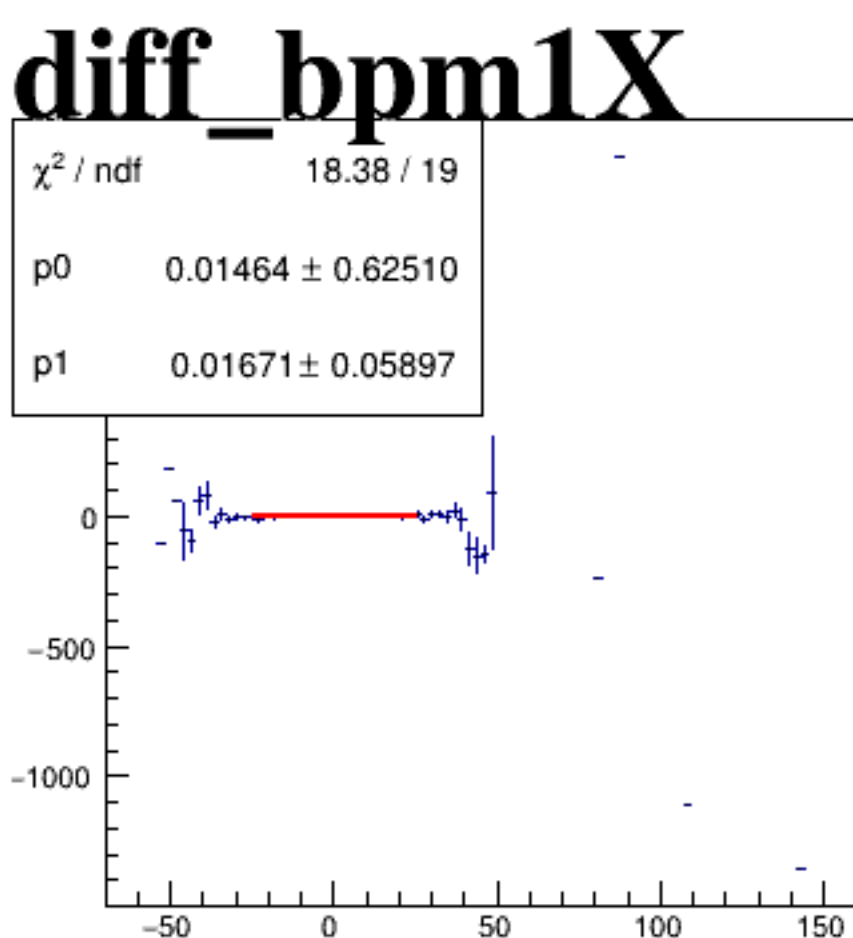
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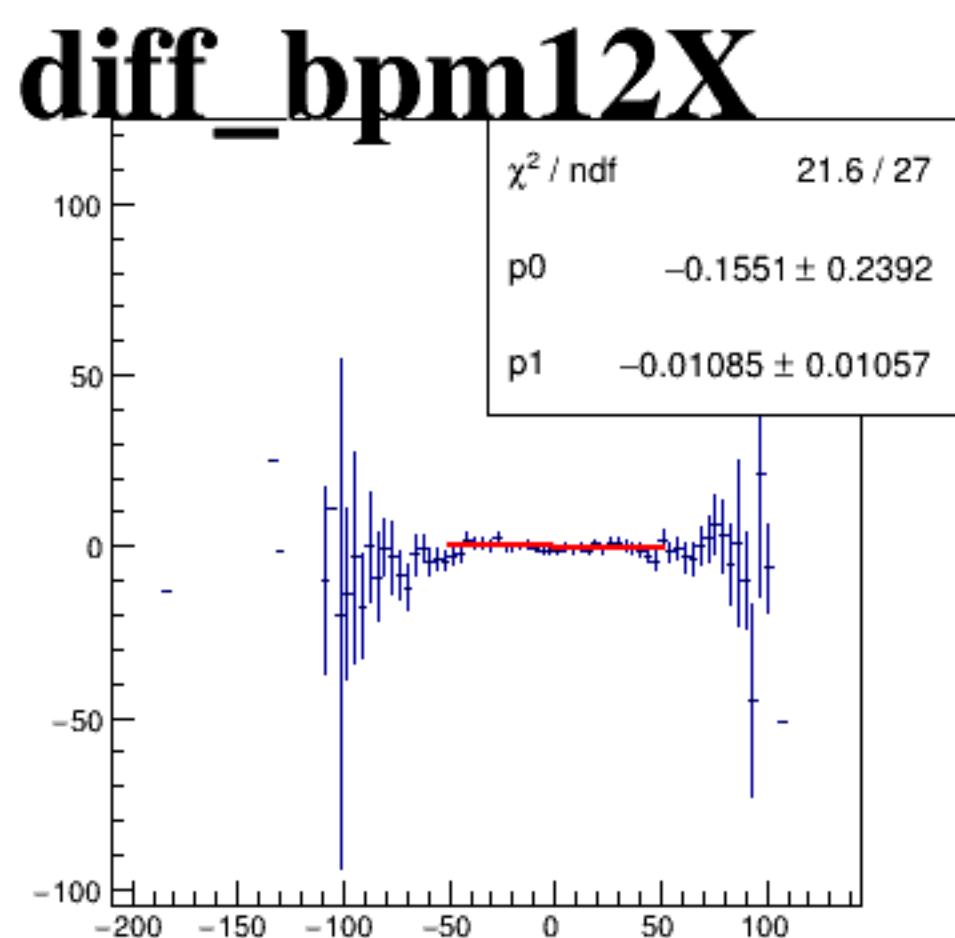
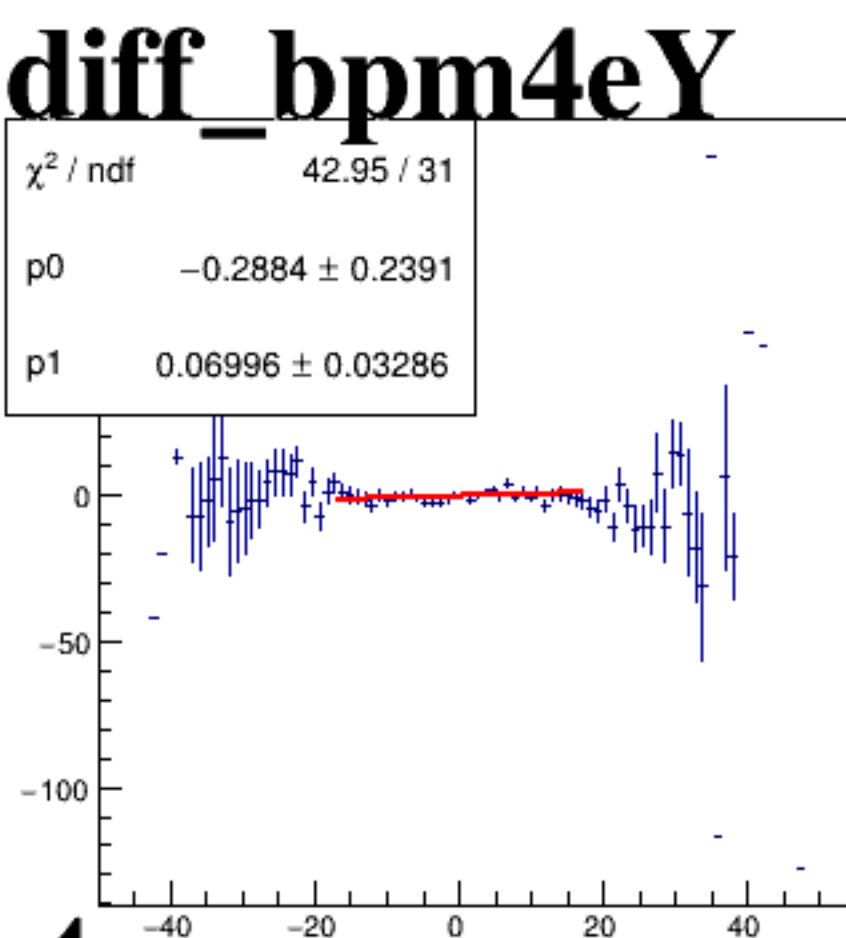
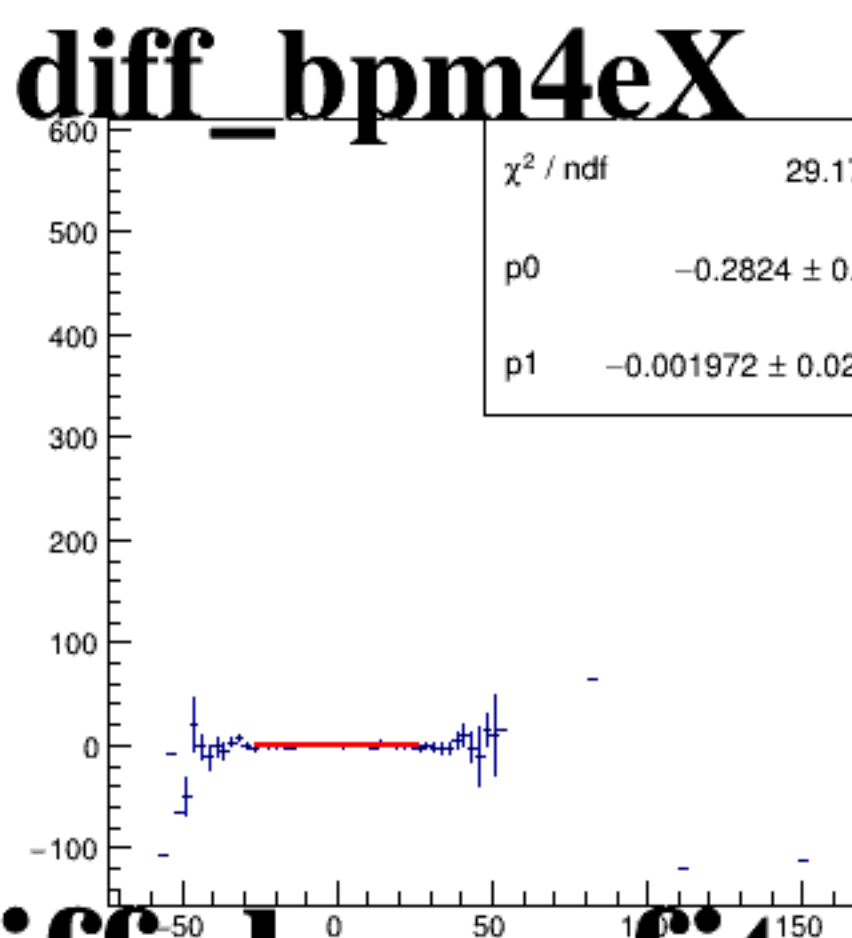
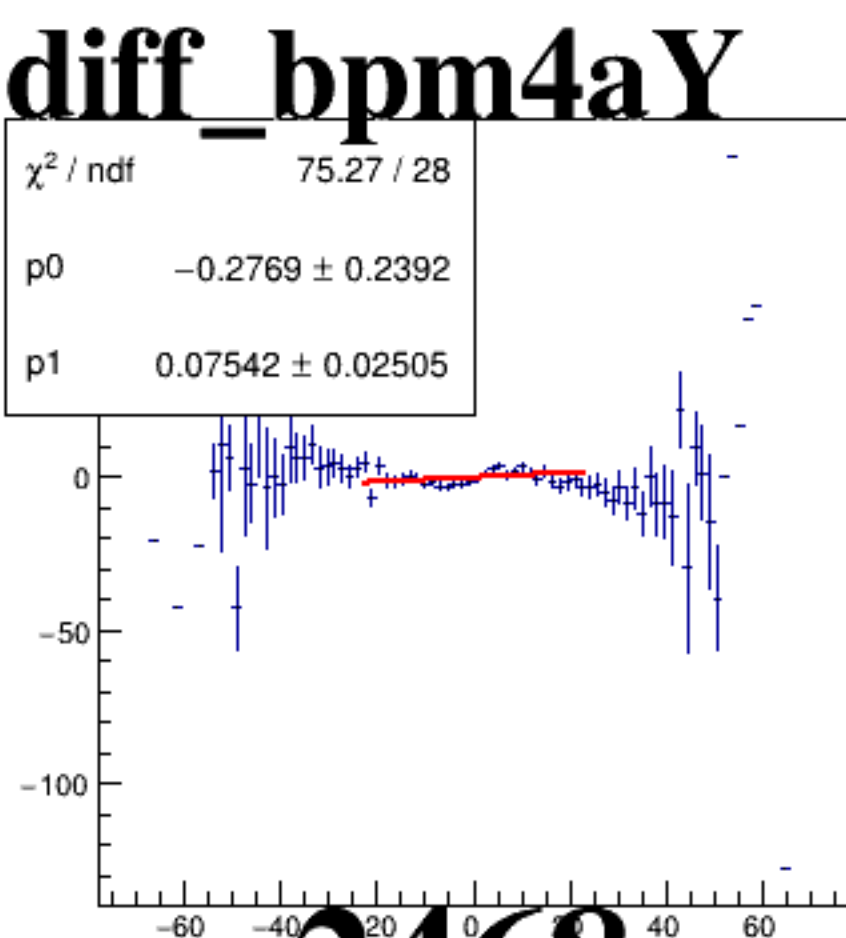
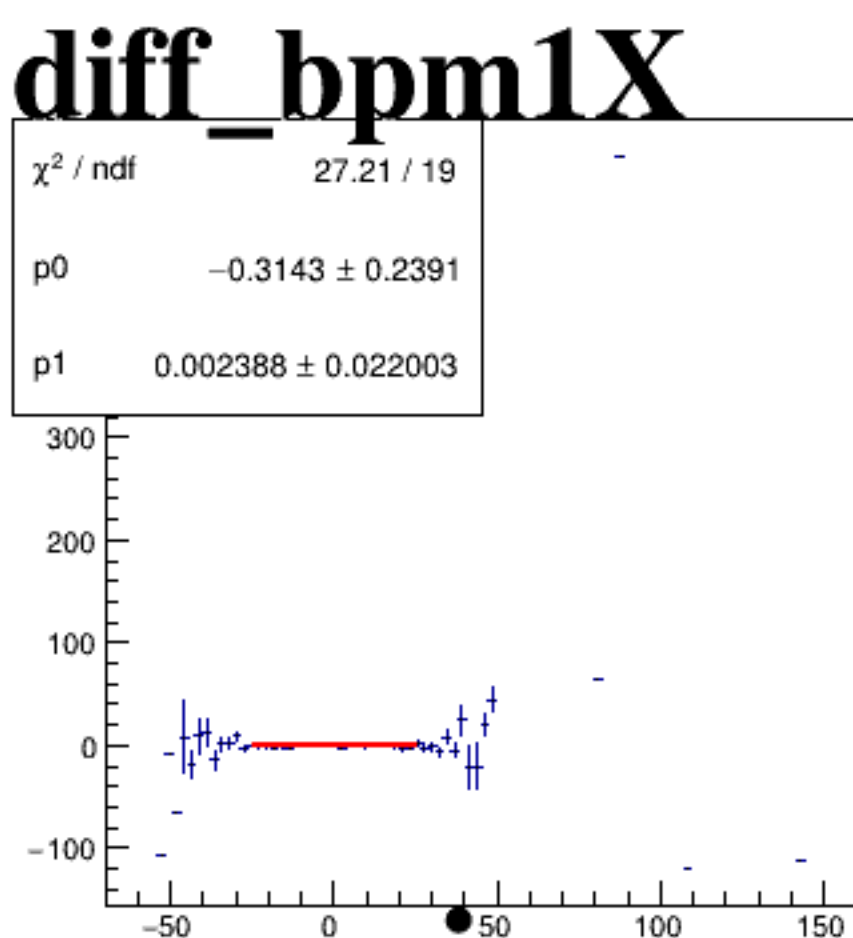
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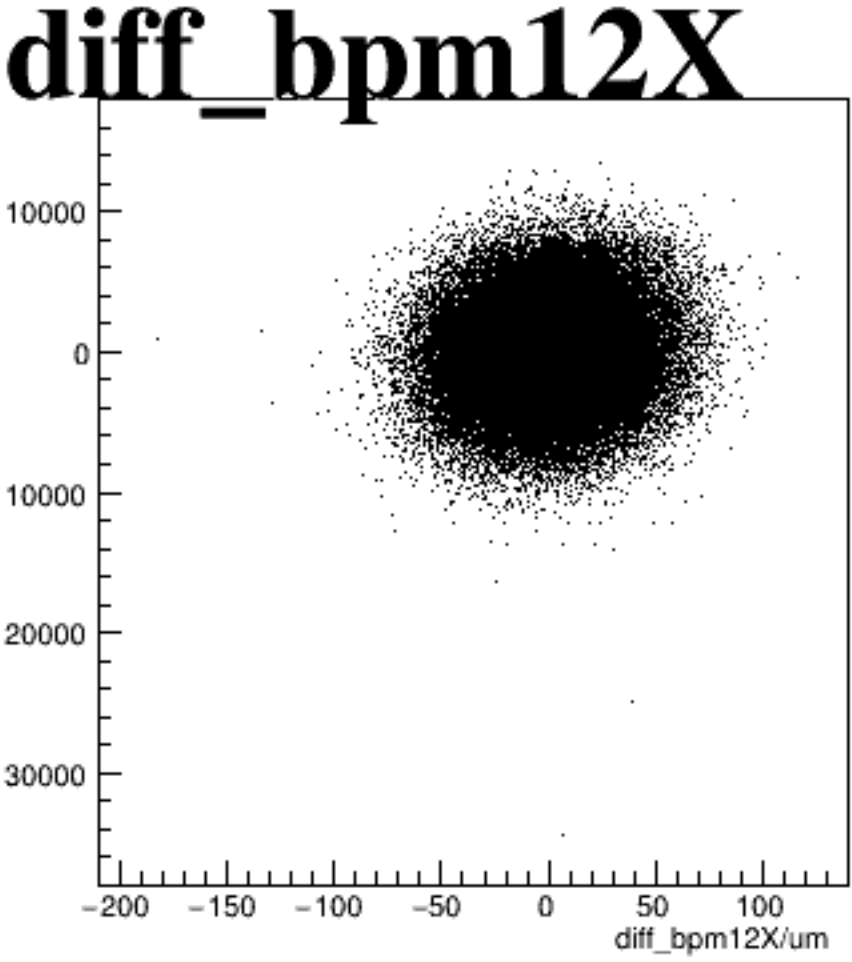
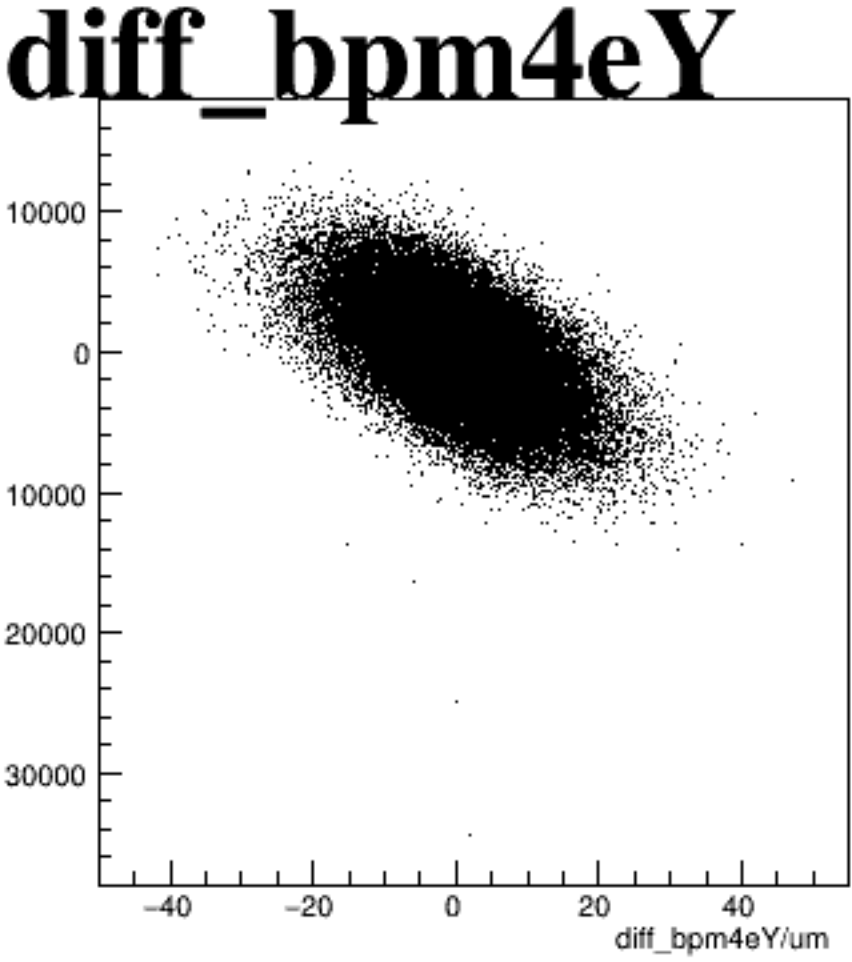
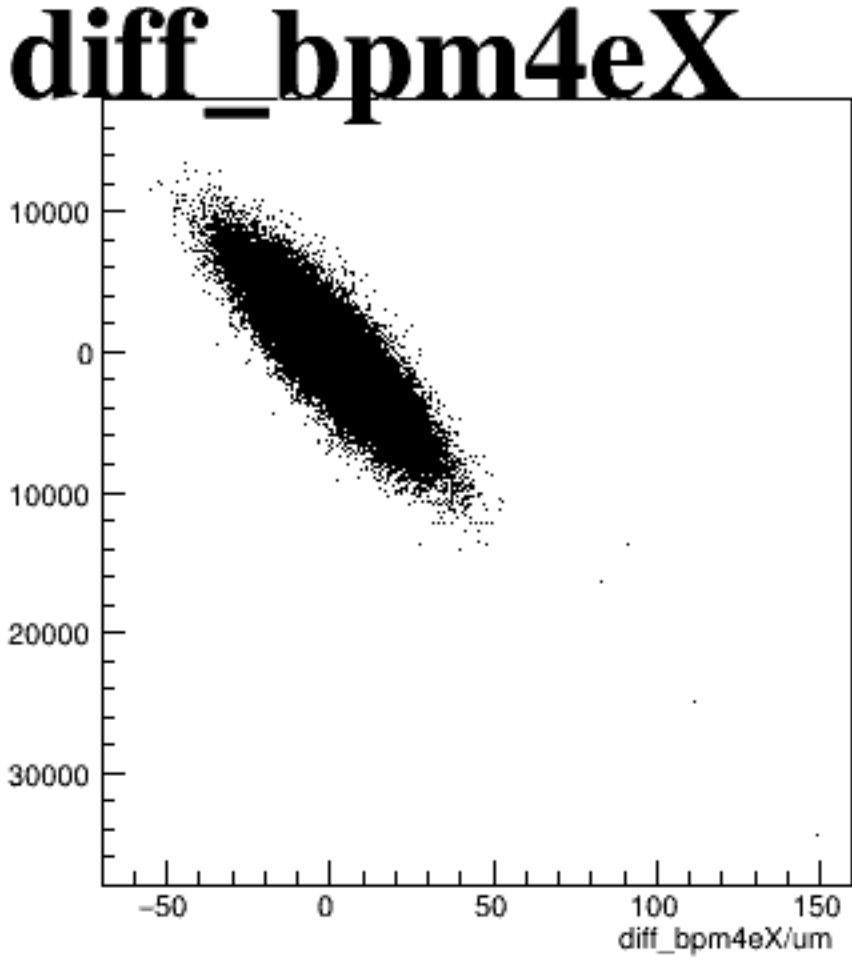
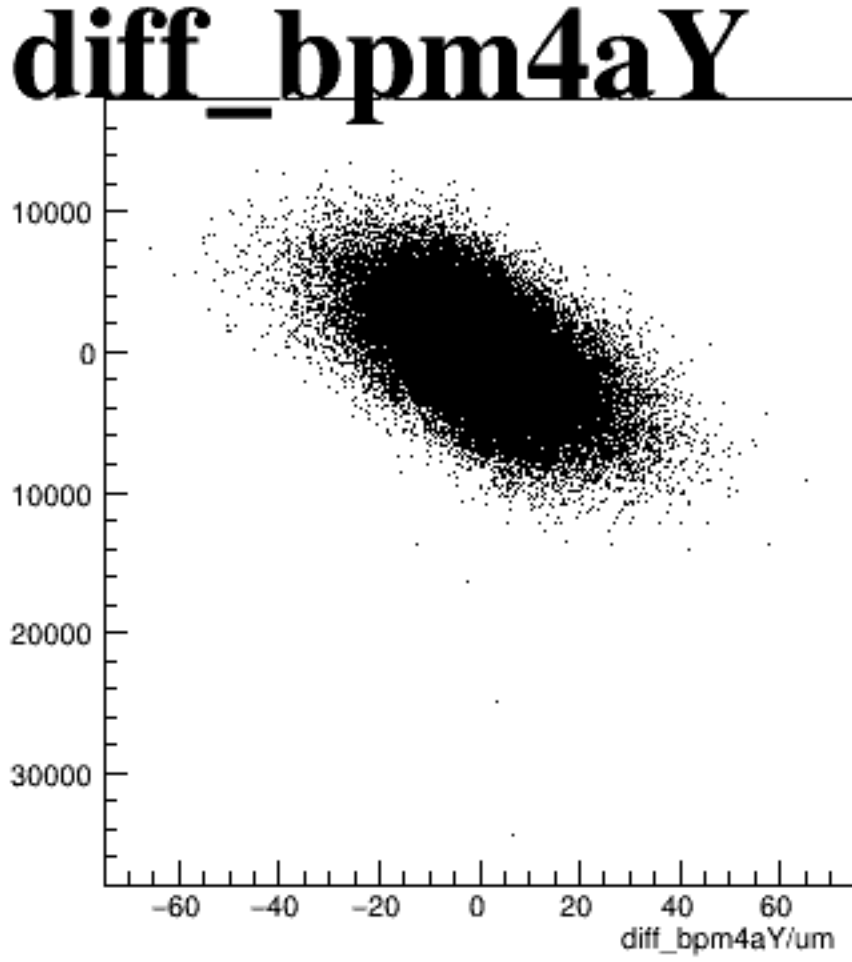
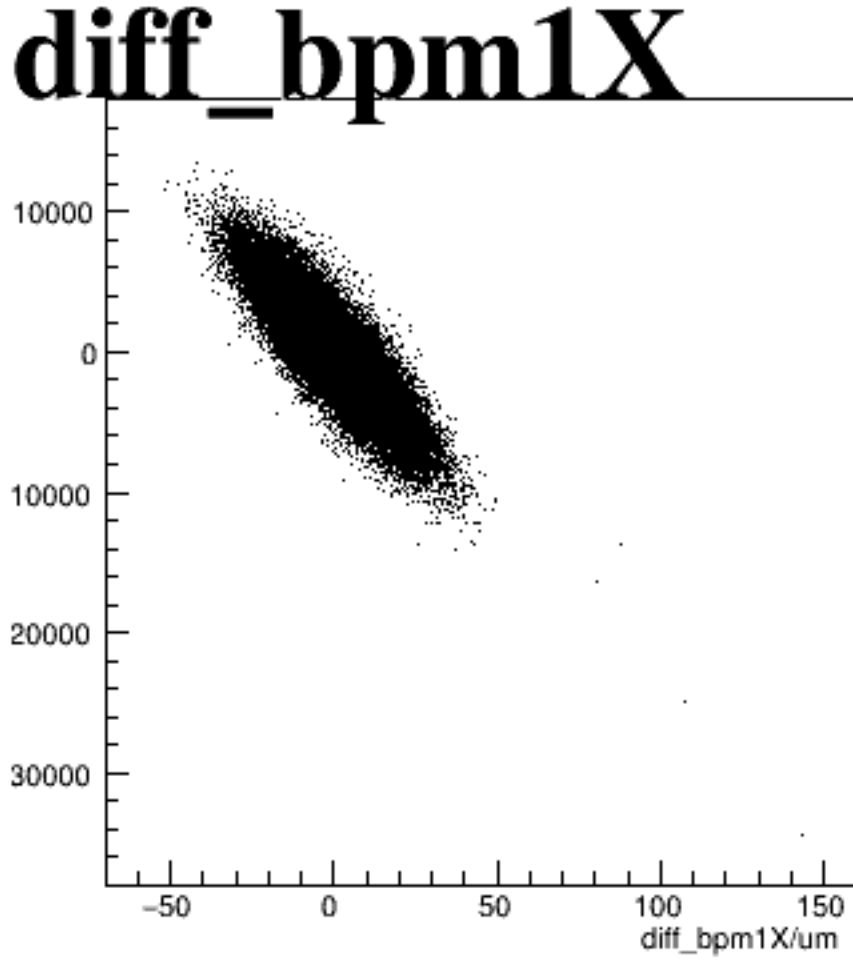
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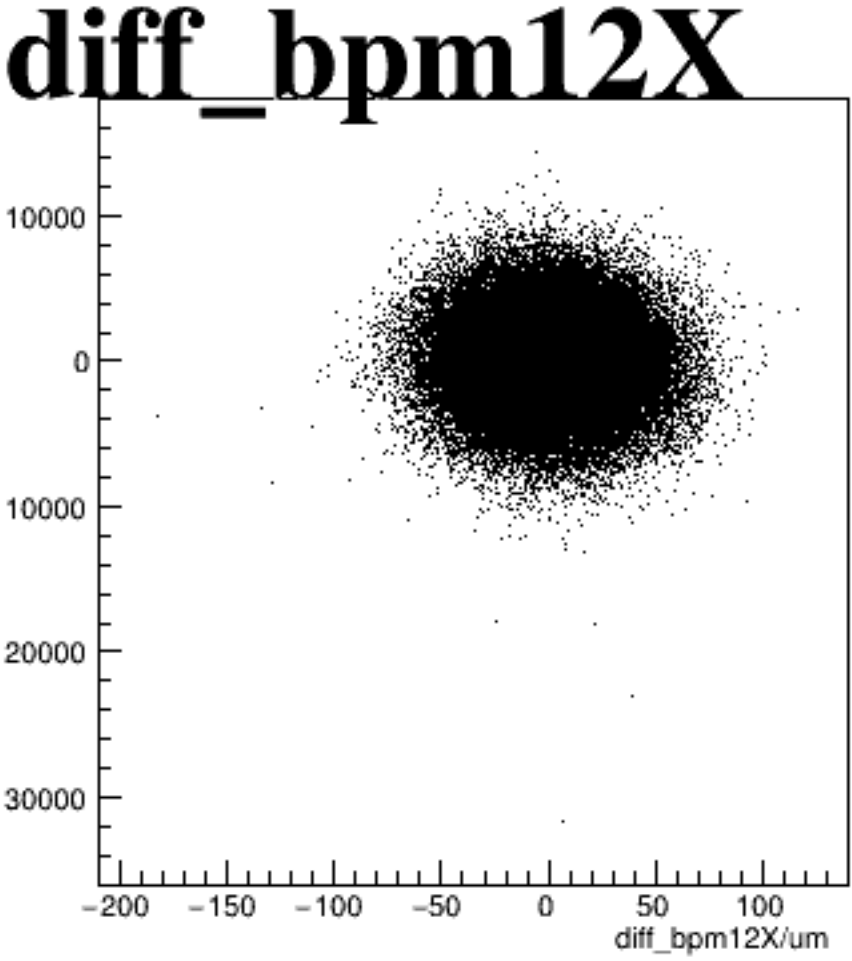
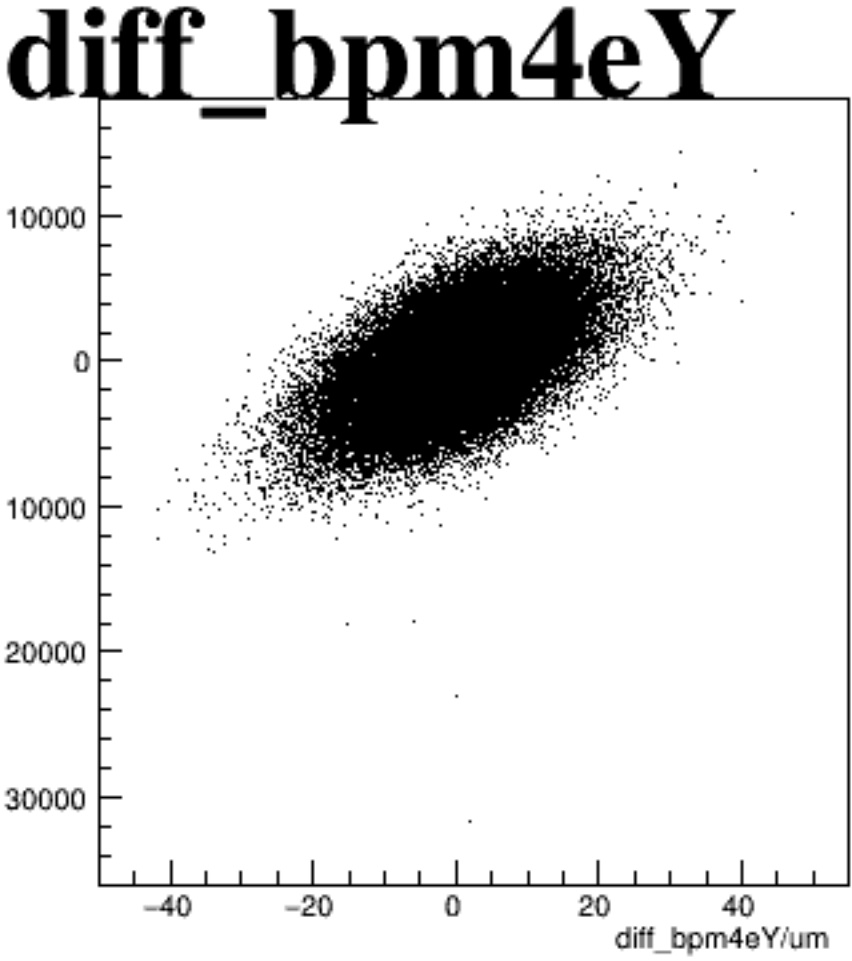
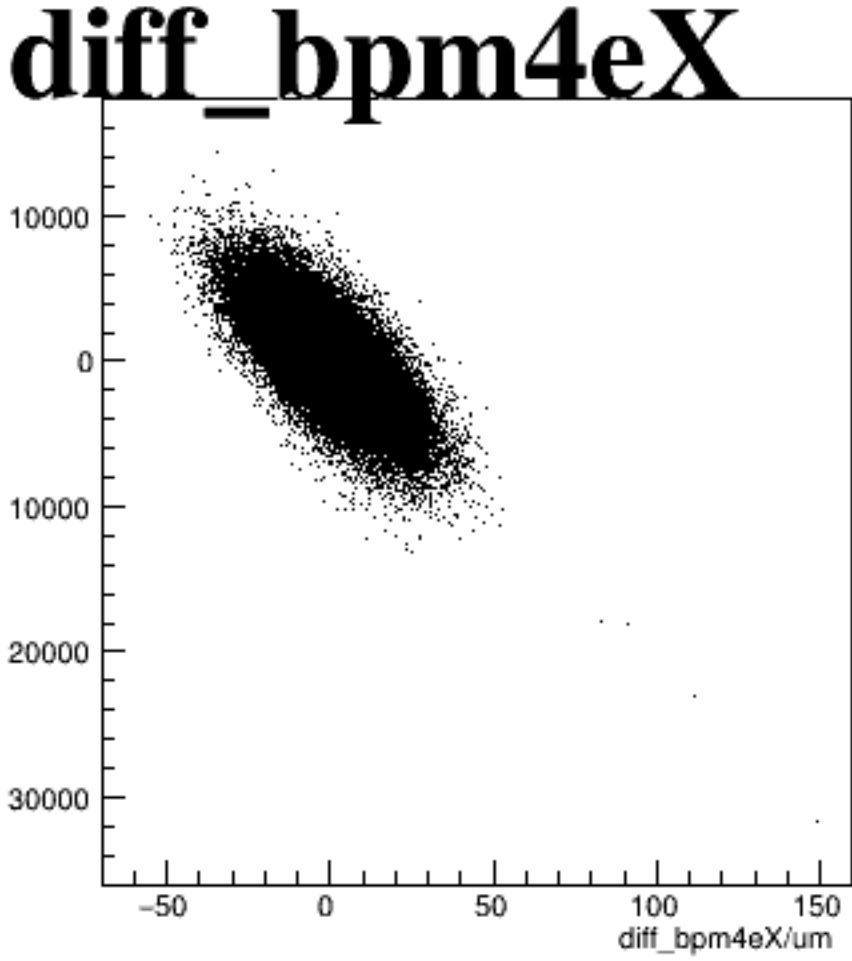
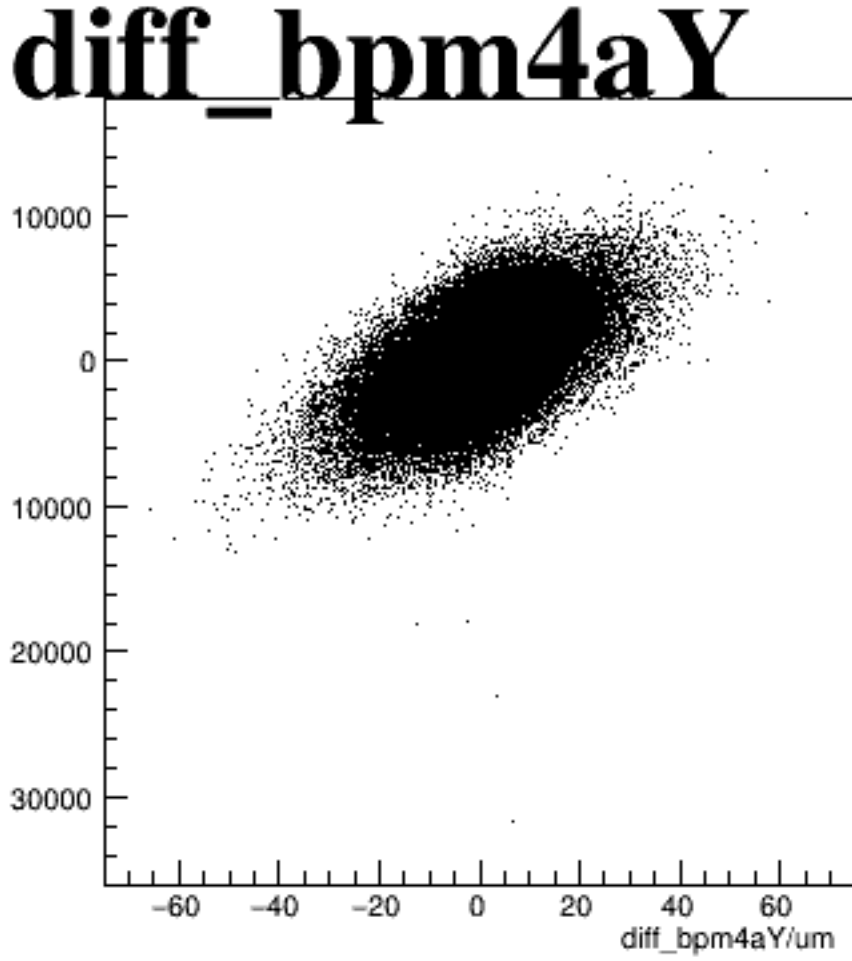
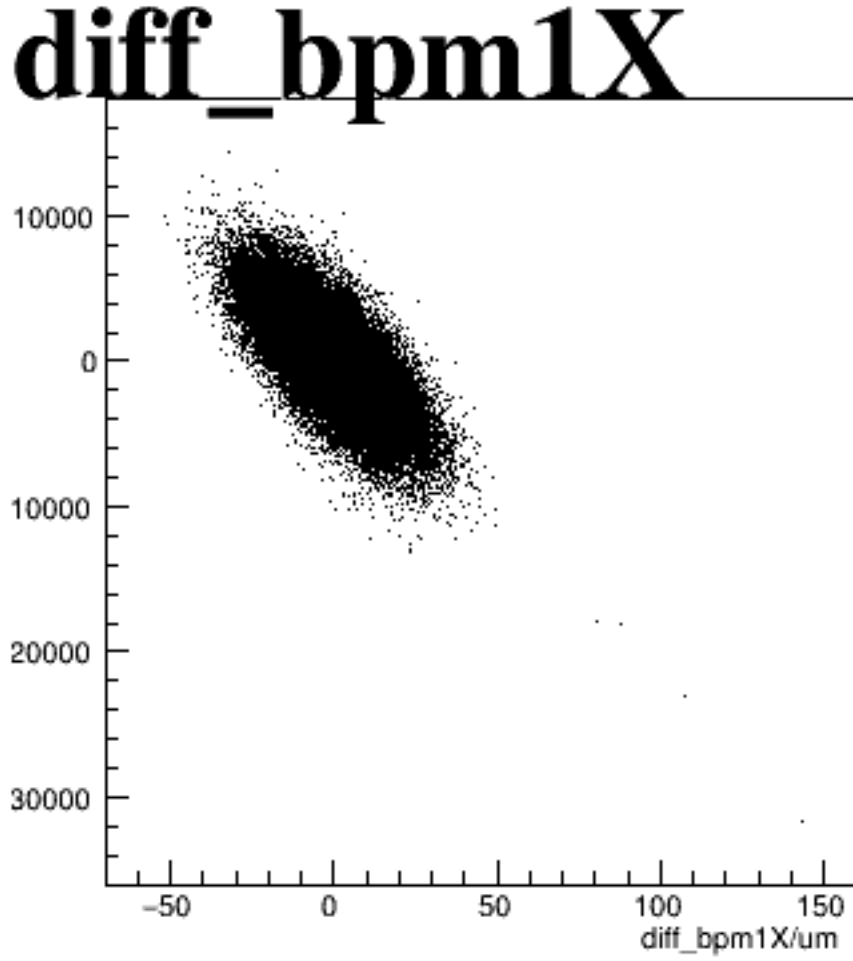
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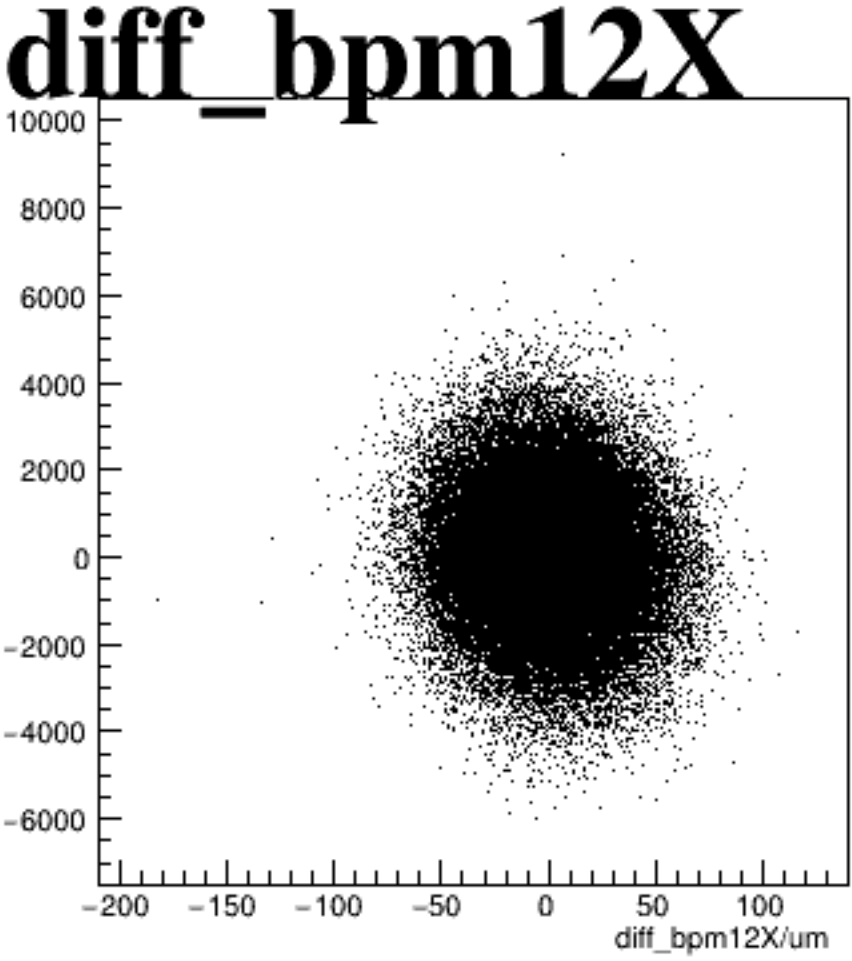
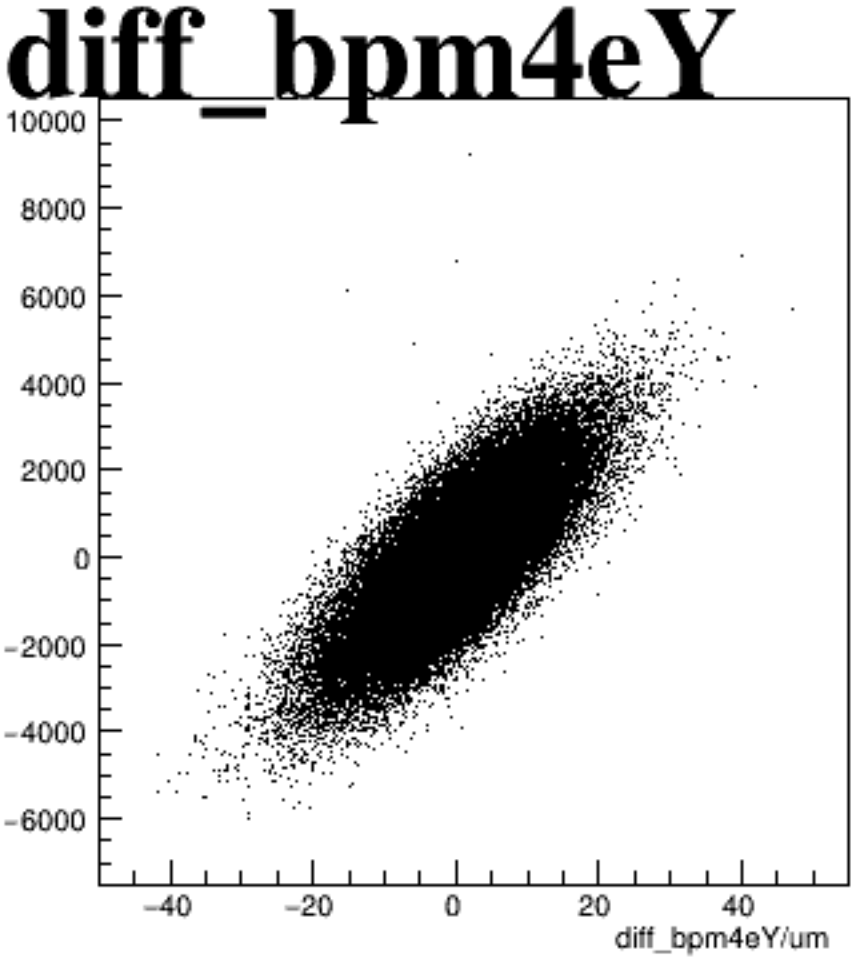
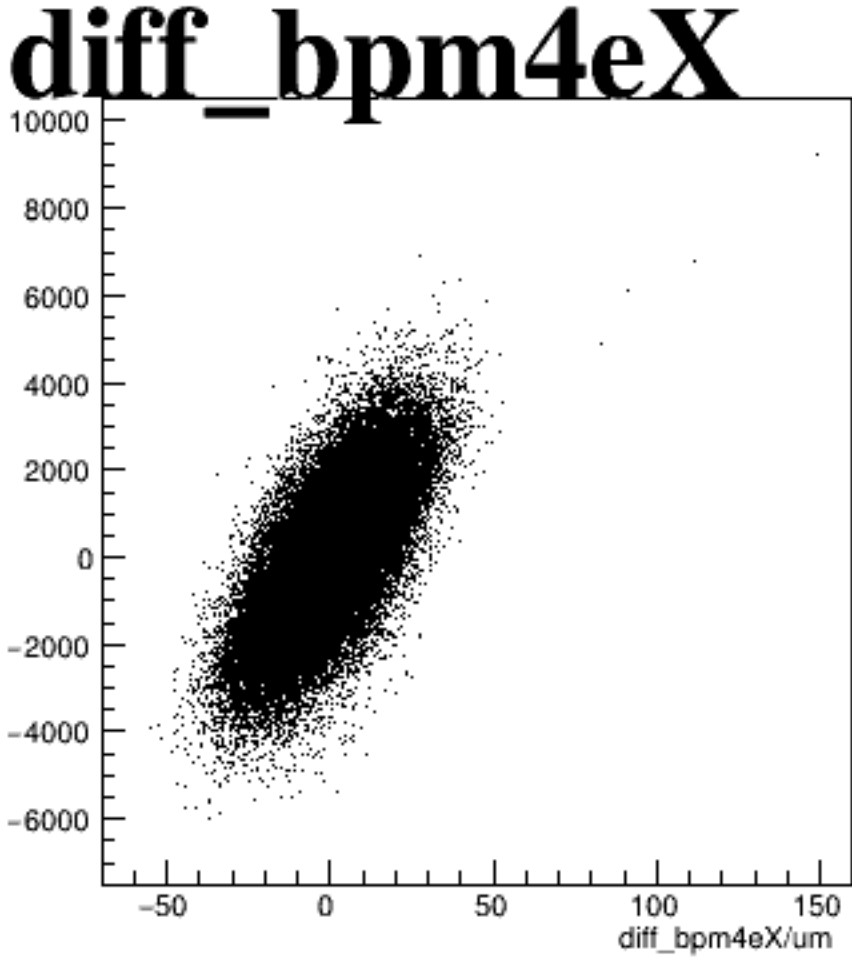
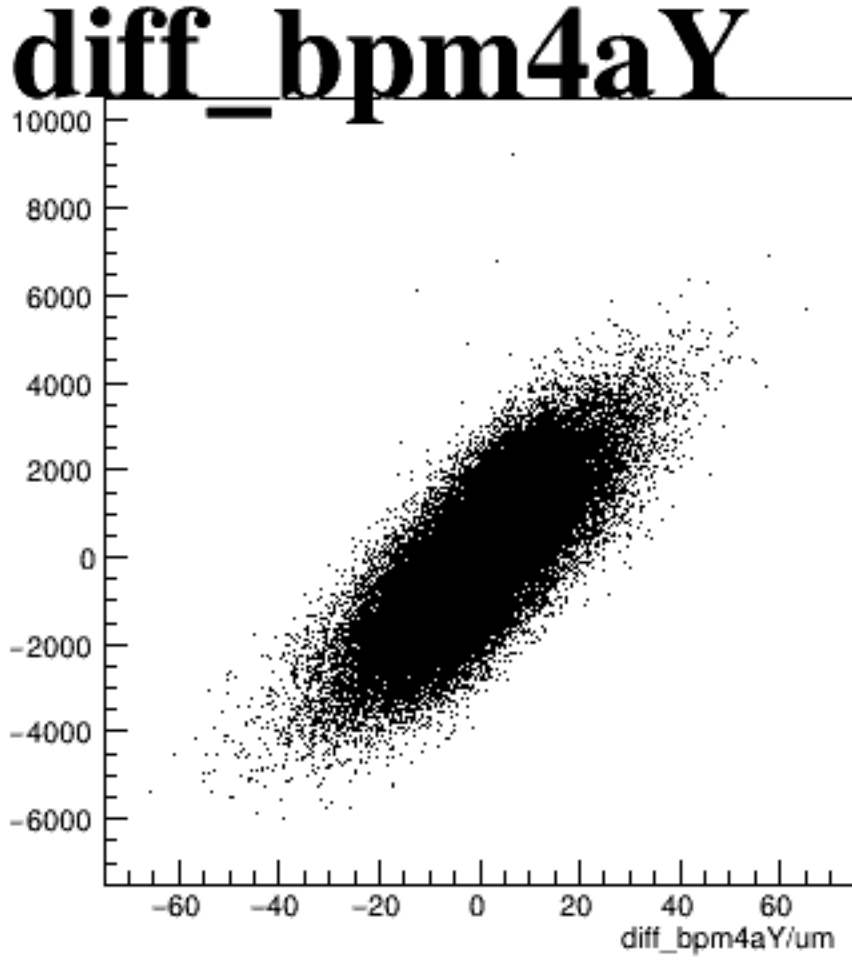
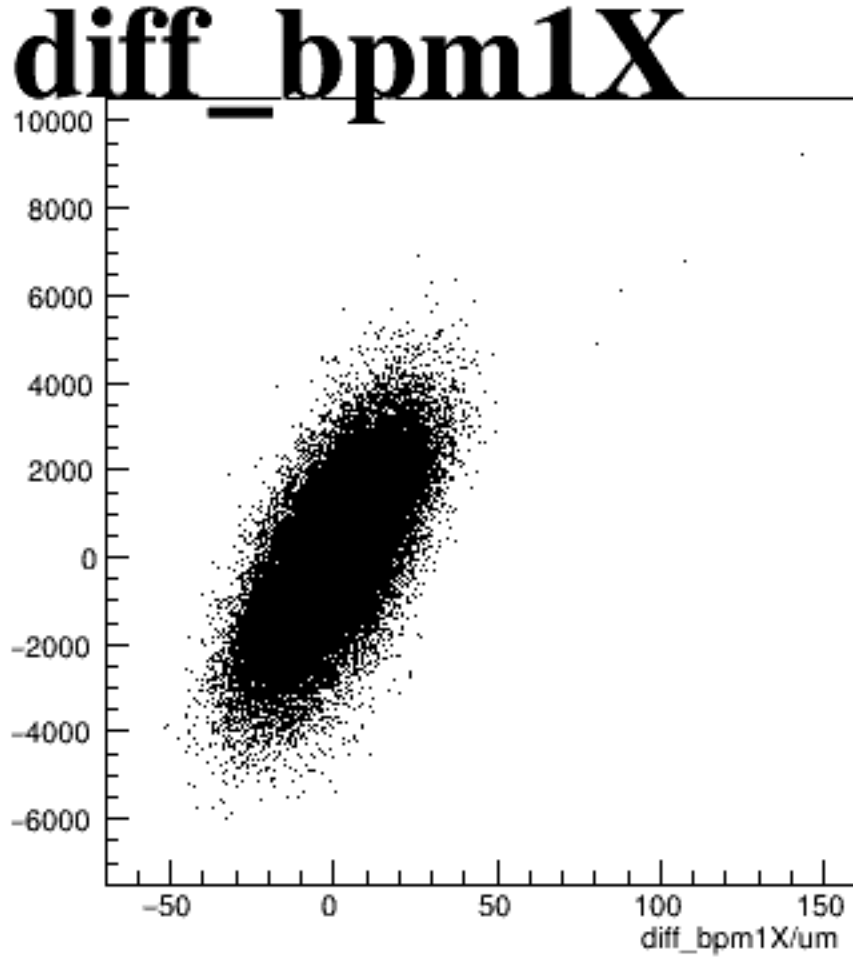
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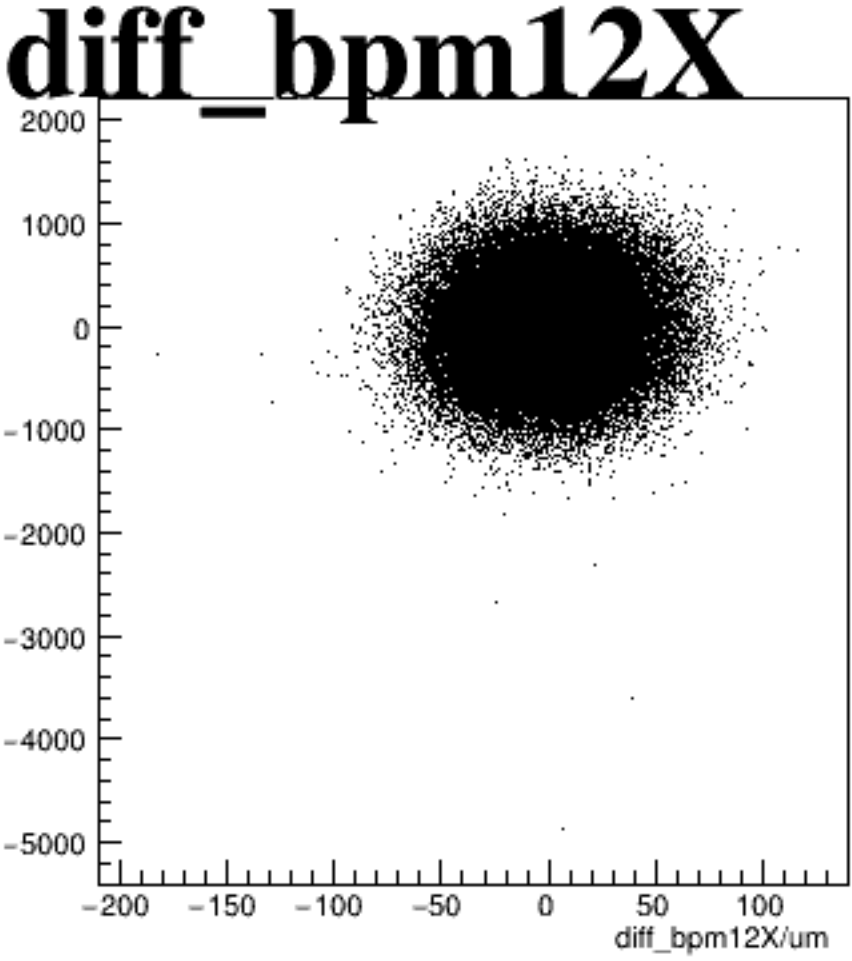
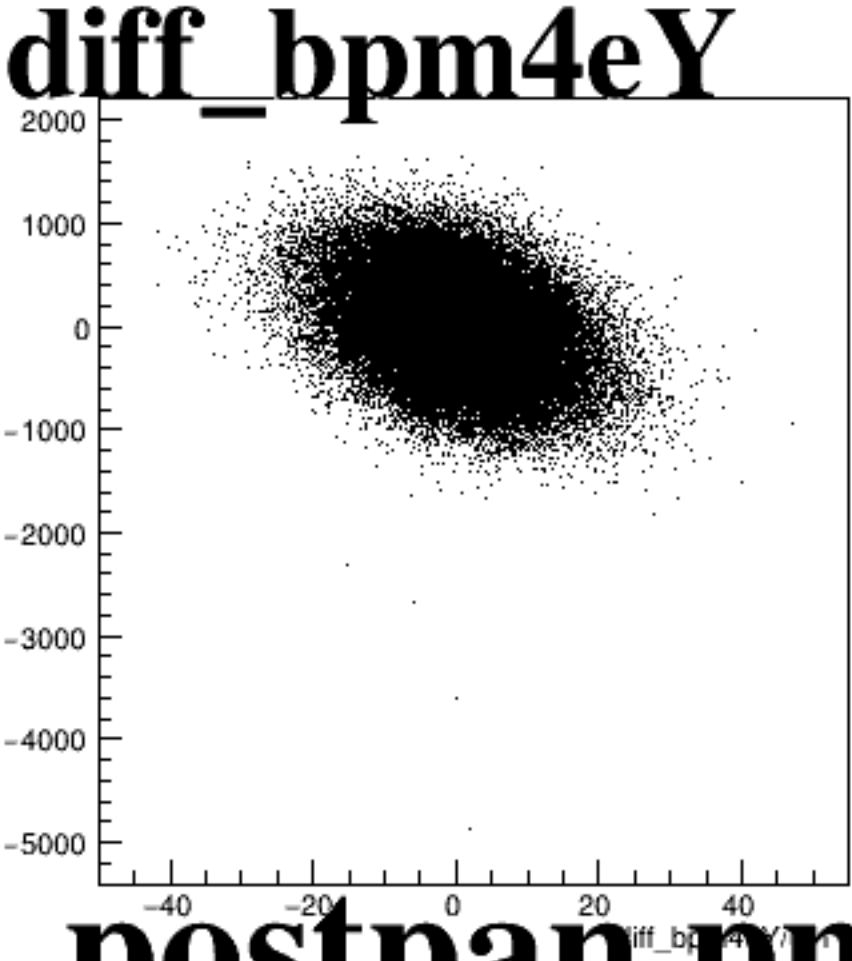
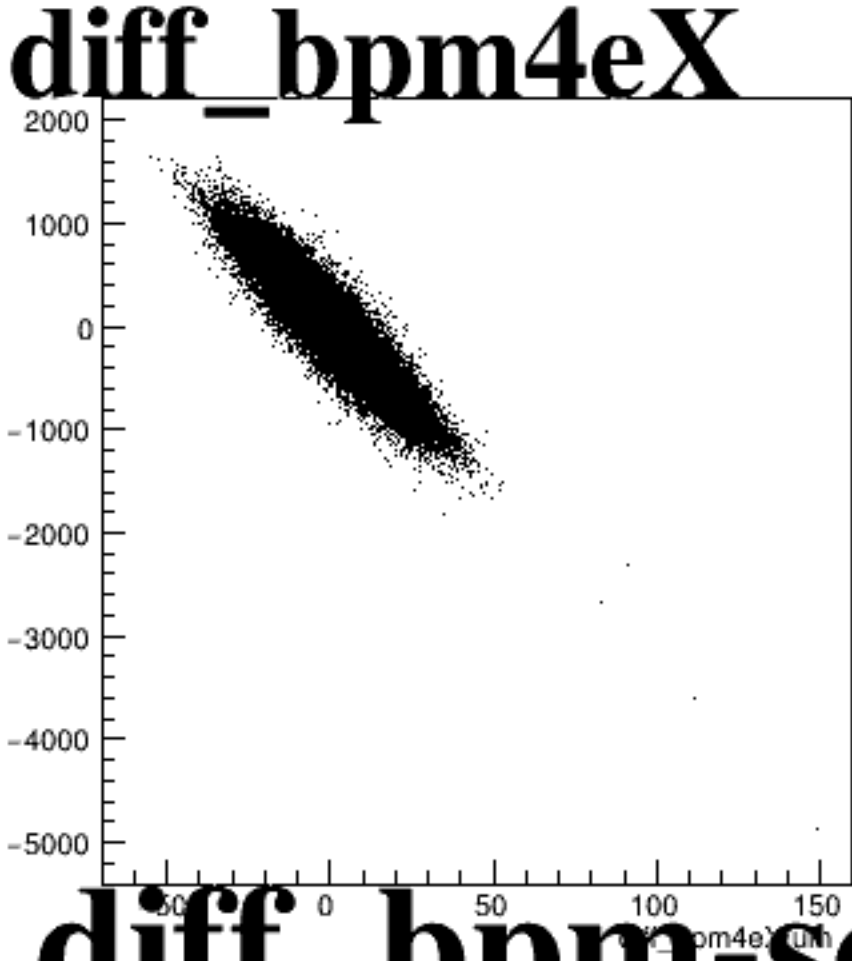
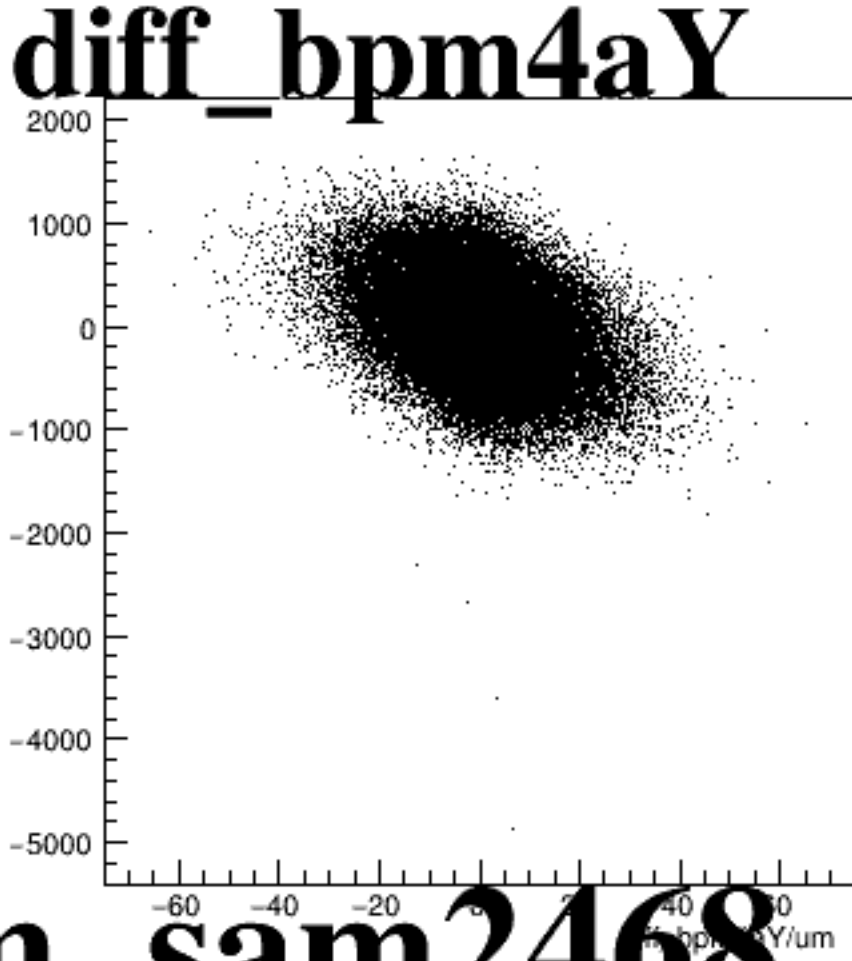
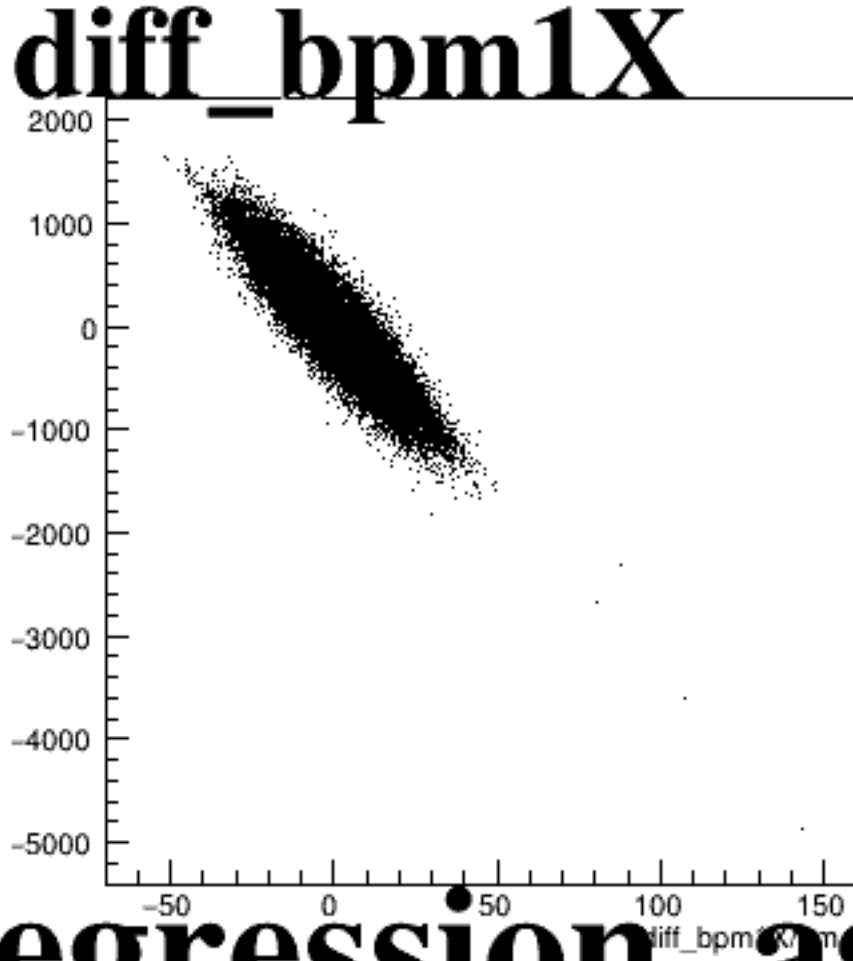
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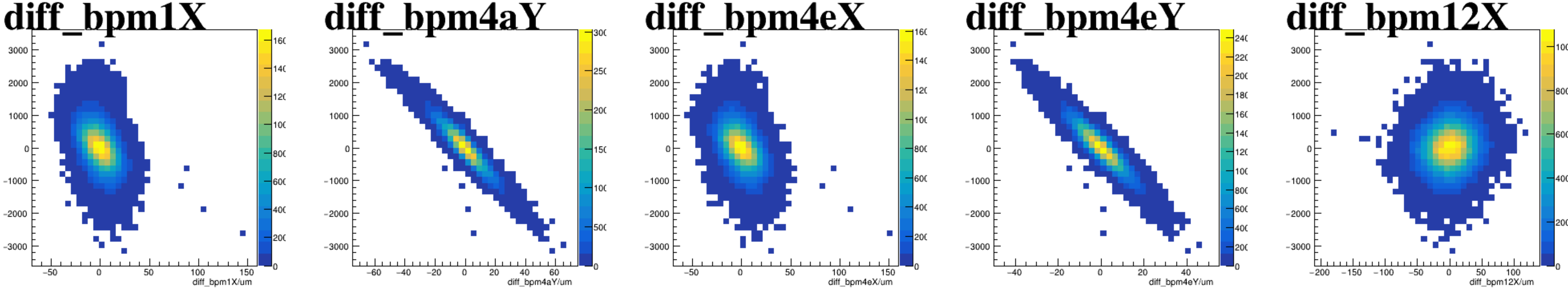


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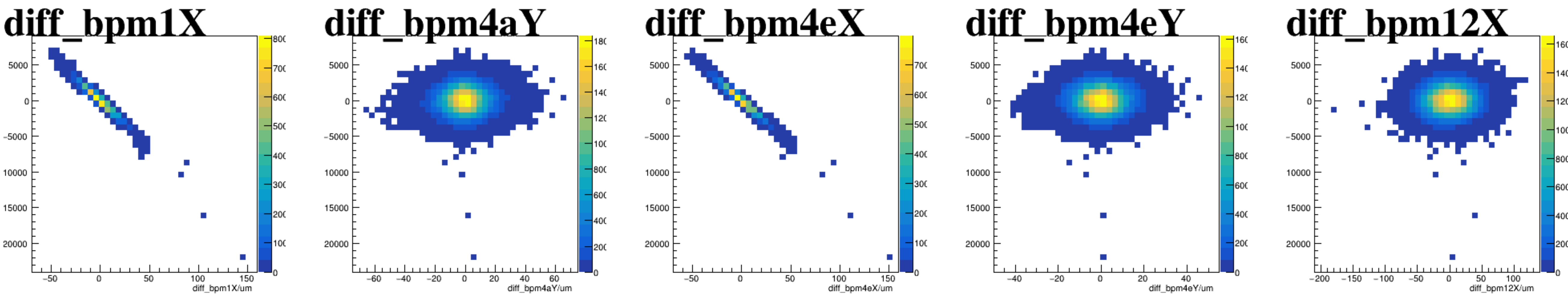


The figure displays five scatter plots, each representing the difference in beam position measurements (bpm) for a specific beam size and position. The plots are titled: **diff_bpm1X**, **diff_bpm4aY**, **diff_bpm4eX**, **diff_bpm4eY**, and **diff_bpm12X**. Each plot shows a dense cluster of points centered around zero, indicating high precision in the difference measurements. The x-axis for each plot is labeled with the difference in bpm (e.g., **diff_bpm1X/um** for the first plot) and the y-axis is labeled with the difference in bpm (e.g., **diff_bpm1X/um** for the first plot). The x-axis ranges are: -50 to 150 for **diff_bpm1X**, -60 to 60 for **diff_bpm4aY**, -50 to 150 for **diff_bpm4eX**, -40 to 40 for **diff_bpm4eY**, and -200 to 100 for **diff_bpm12X**. The y-axis ranges are: -2000 to 2000 for **diff_bpm1X**, **diff_bpm4aY**, and **diff_bpm4eX**; -2000 to 2000 for **diff_bpm4eY**; and -2000 to 2000 for **diff_bpm12X**.

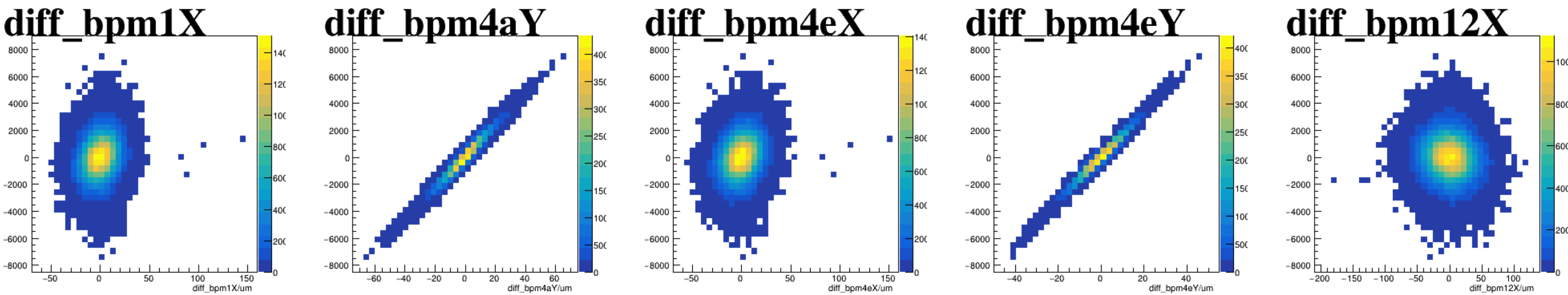
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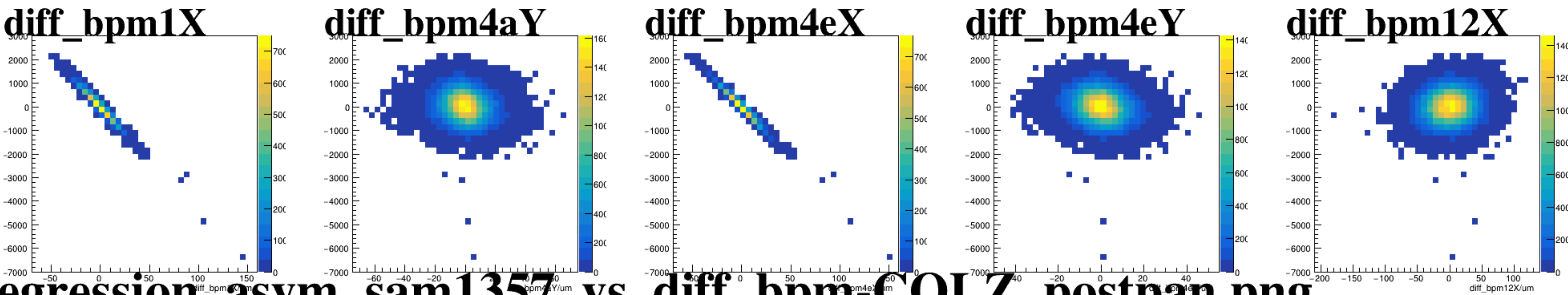
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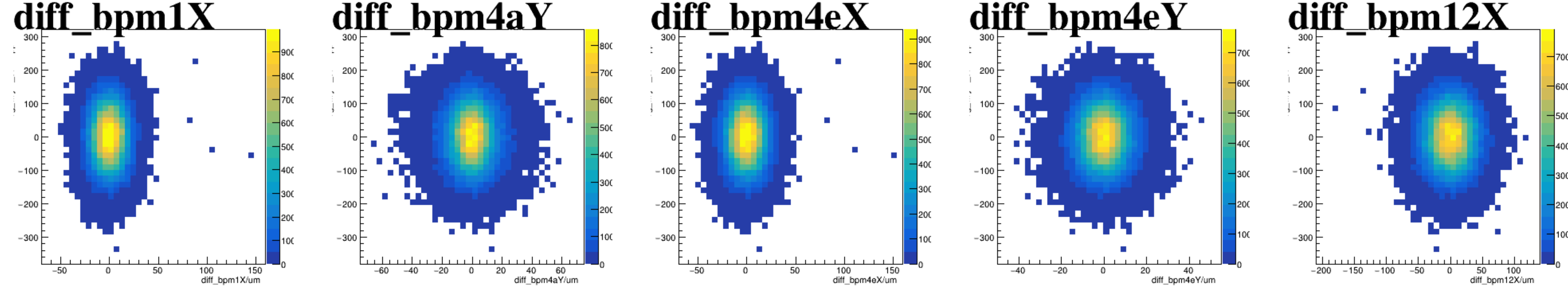
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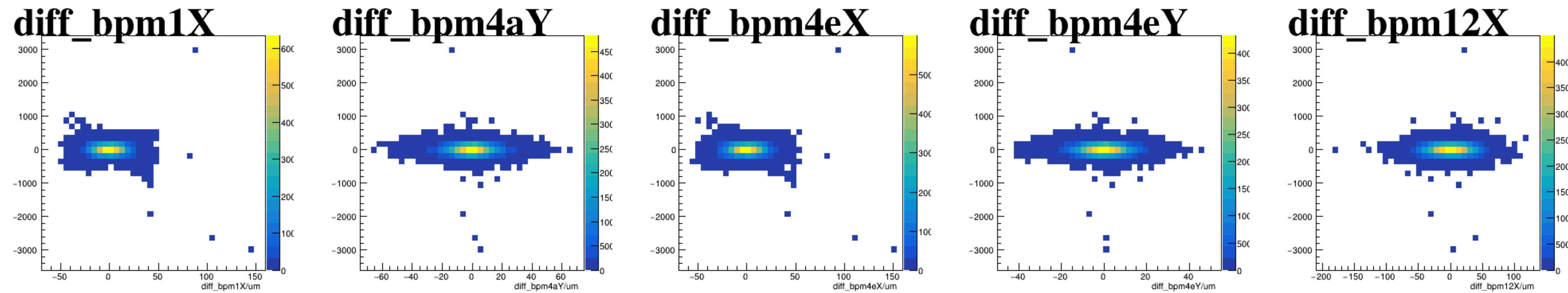
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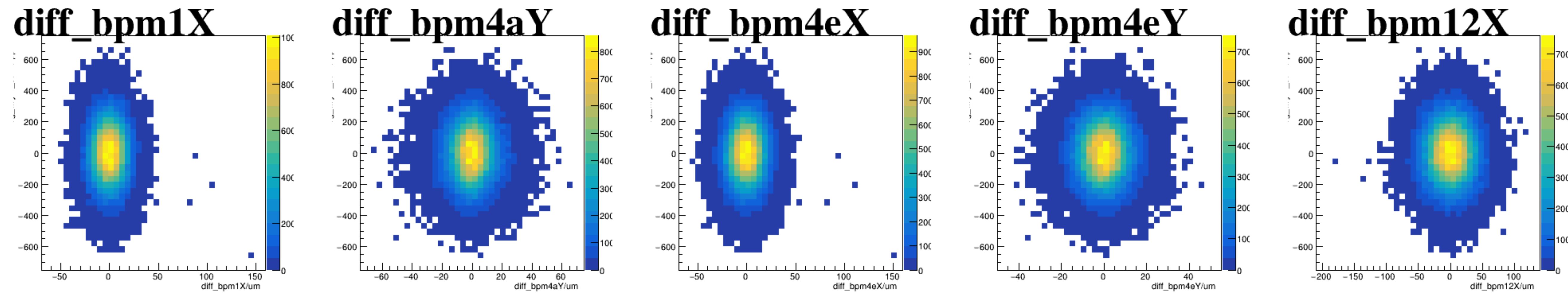
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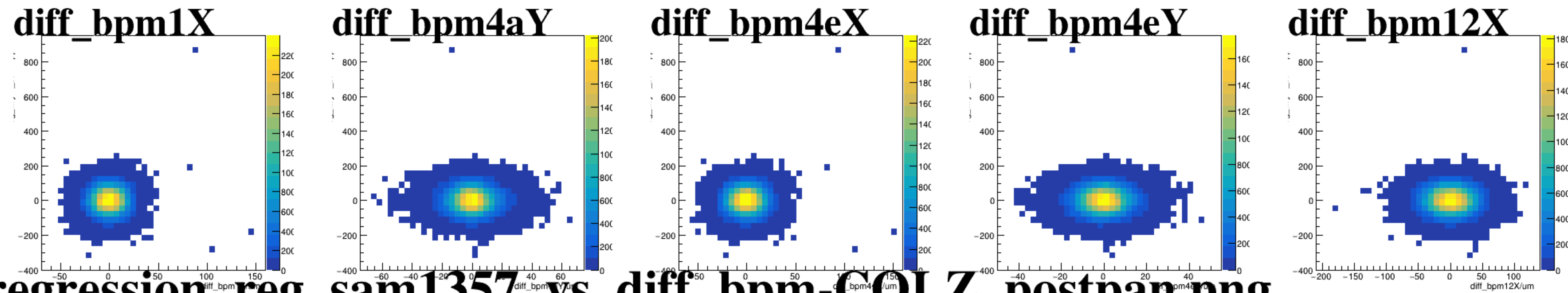
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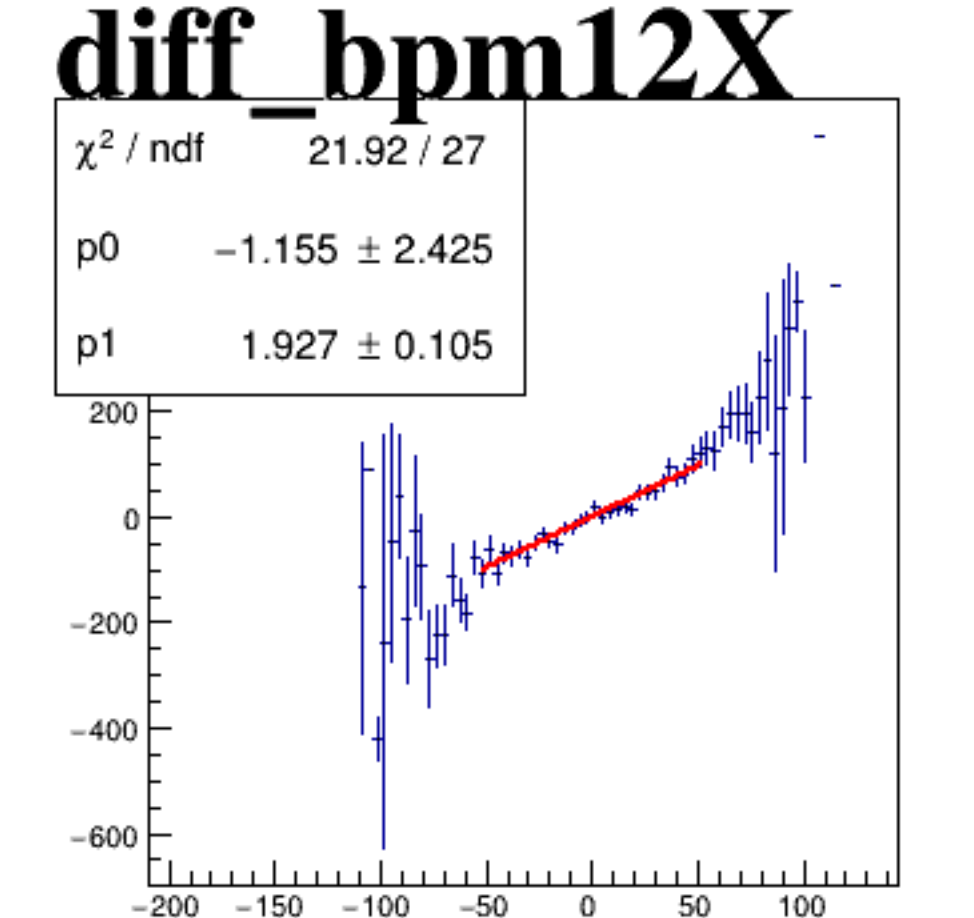
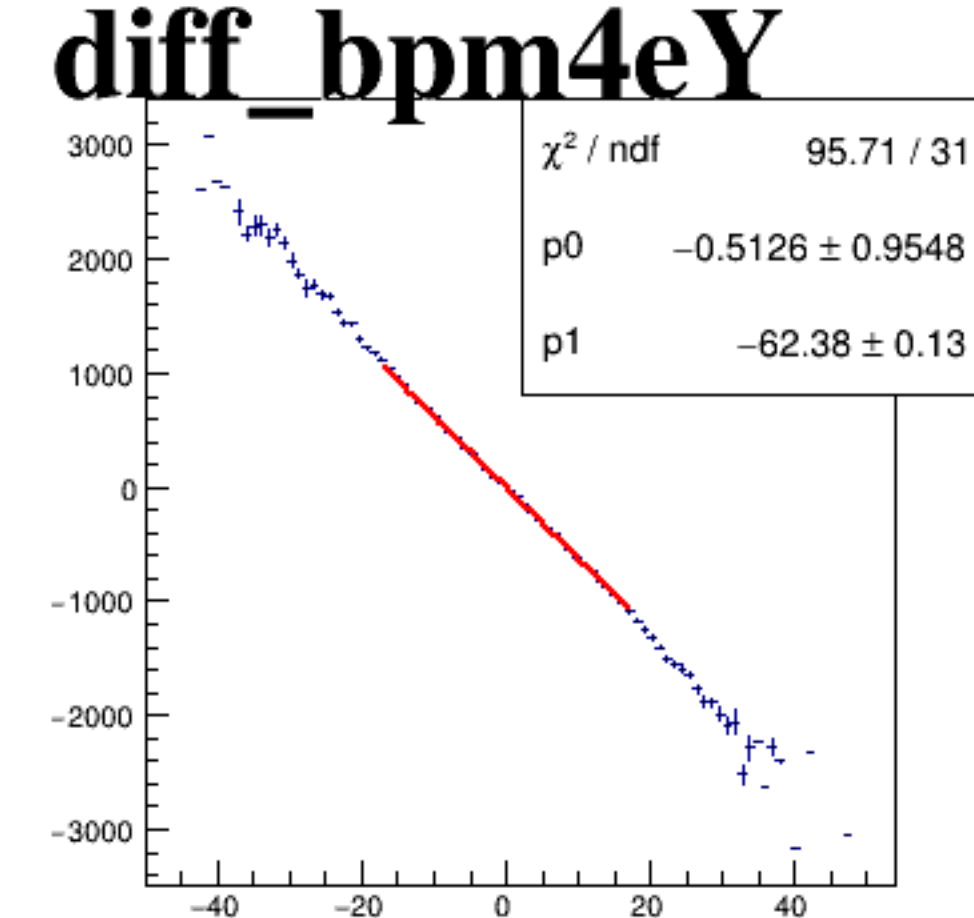
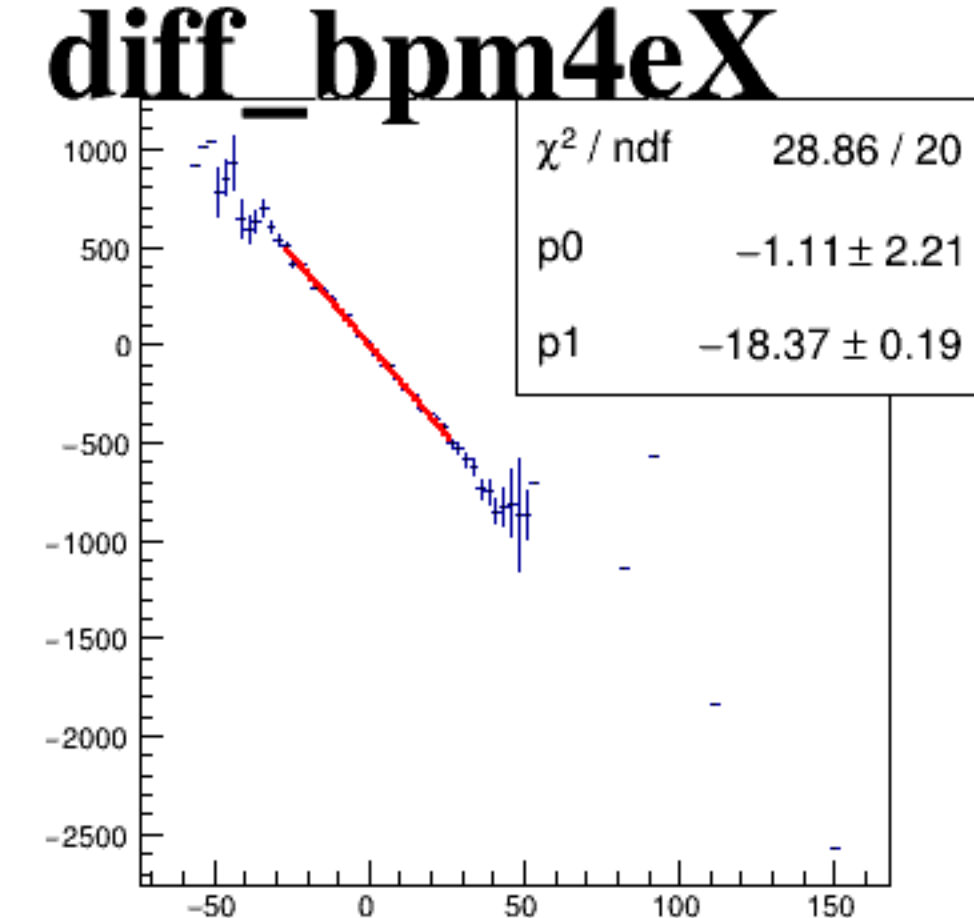
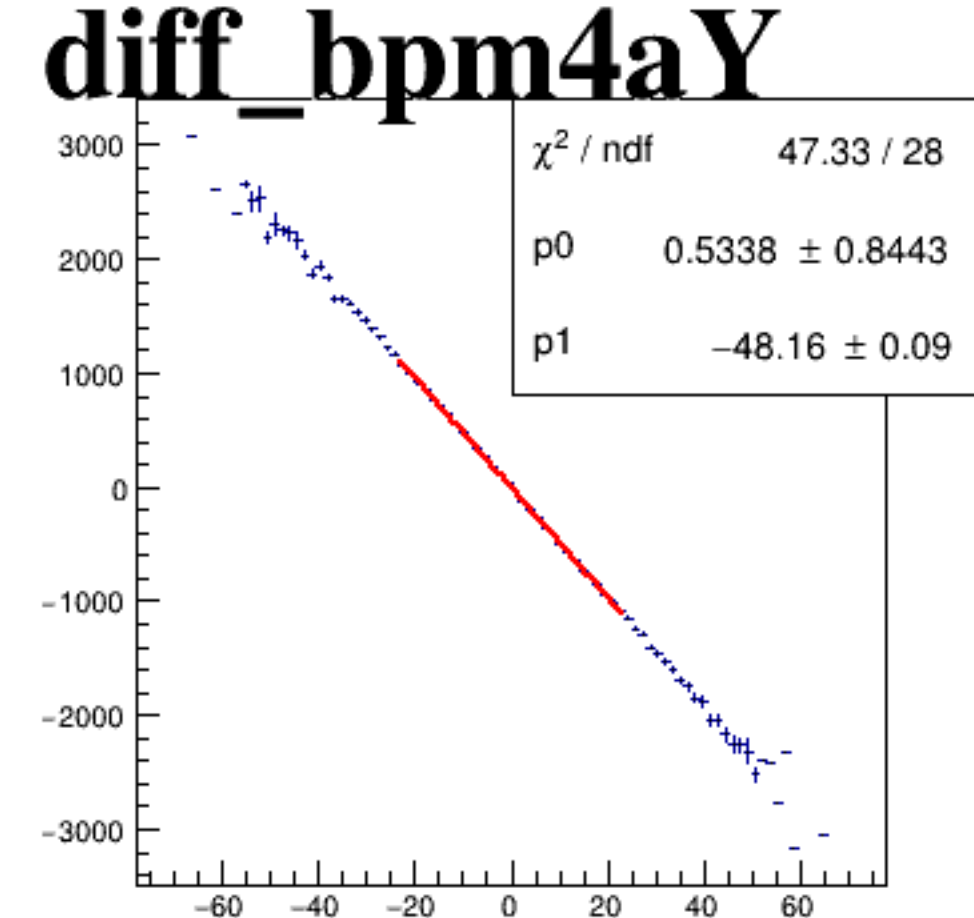
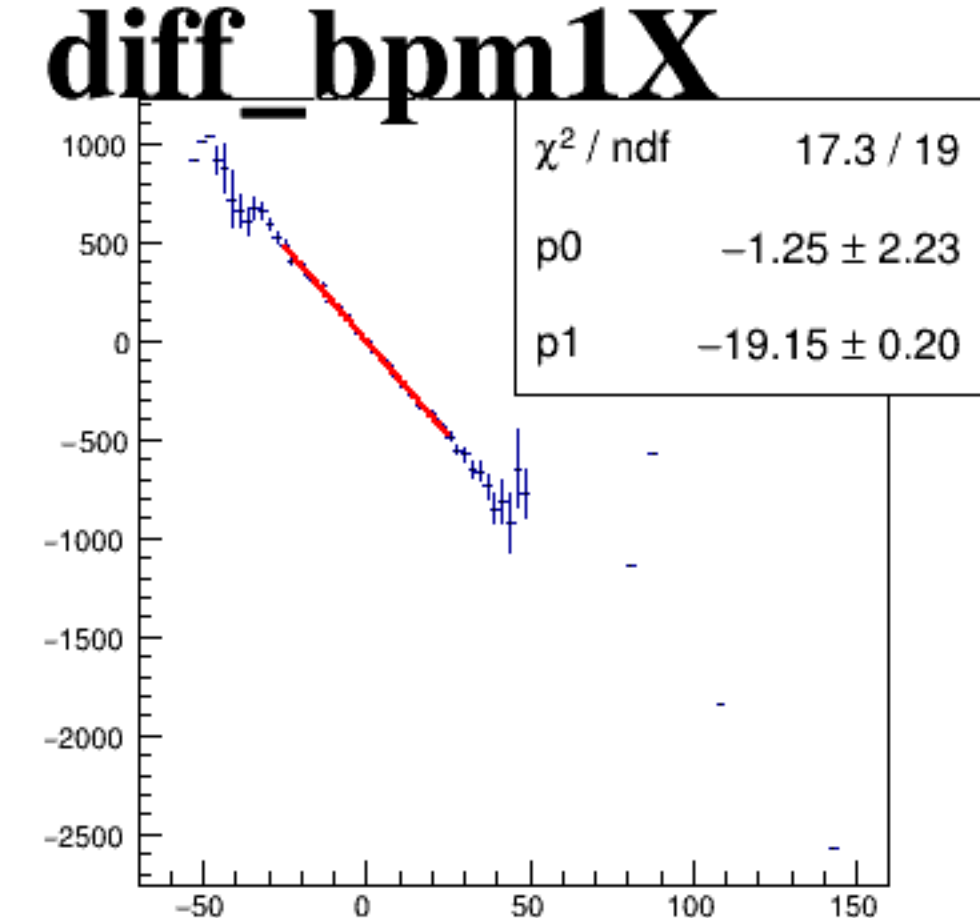
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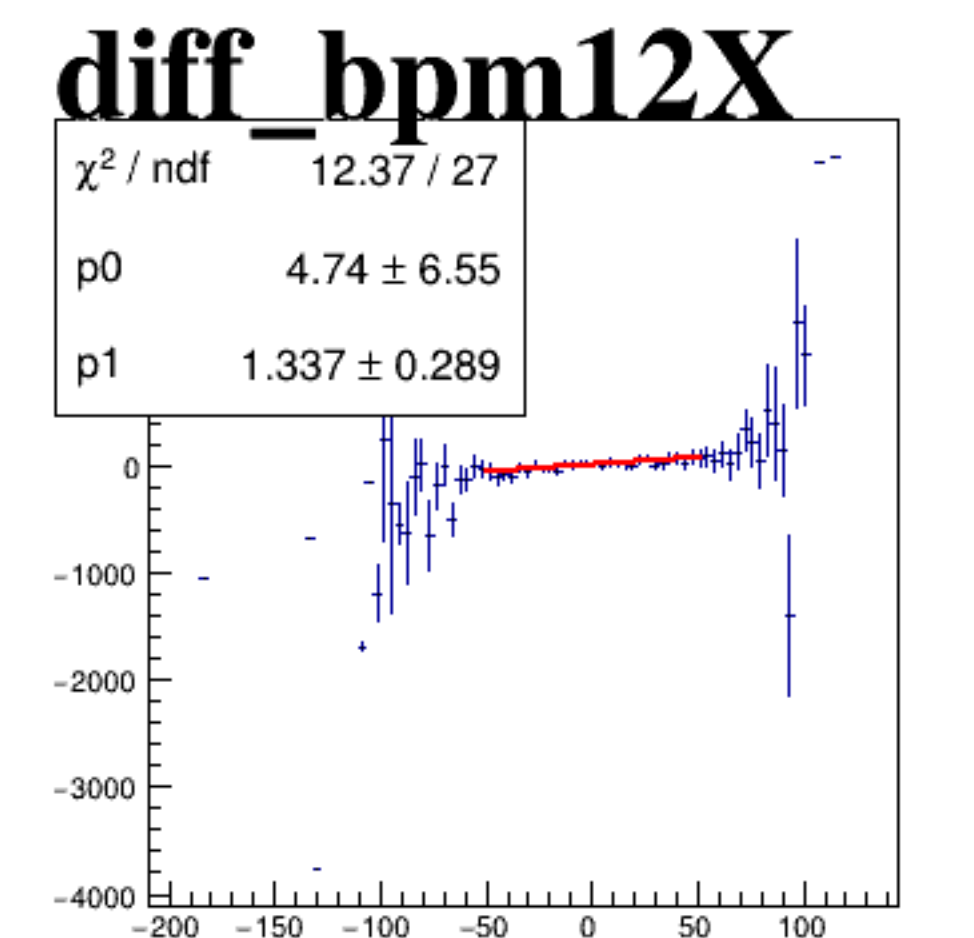
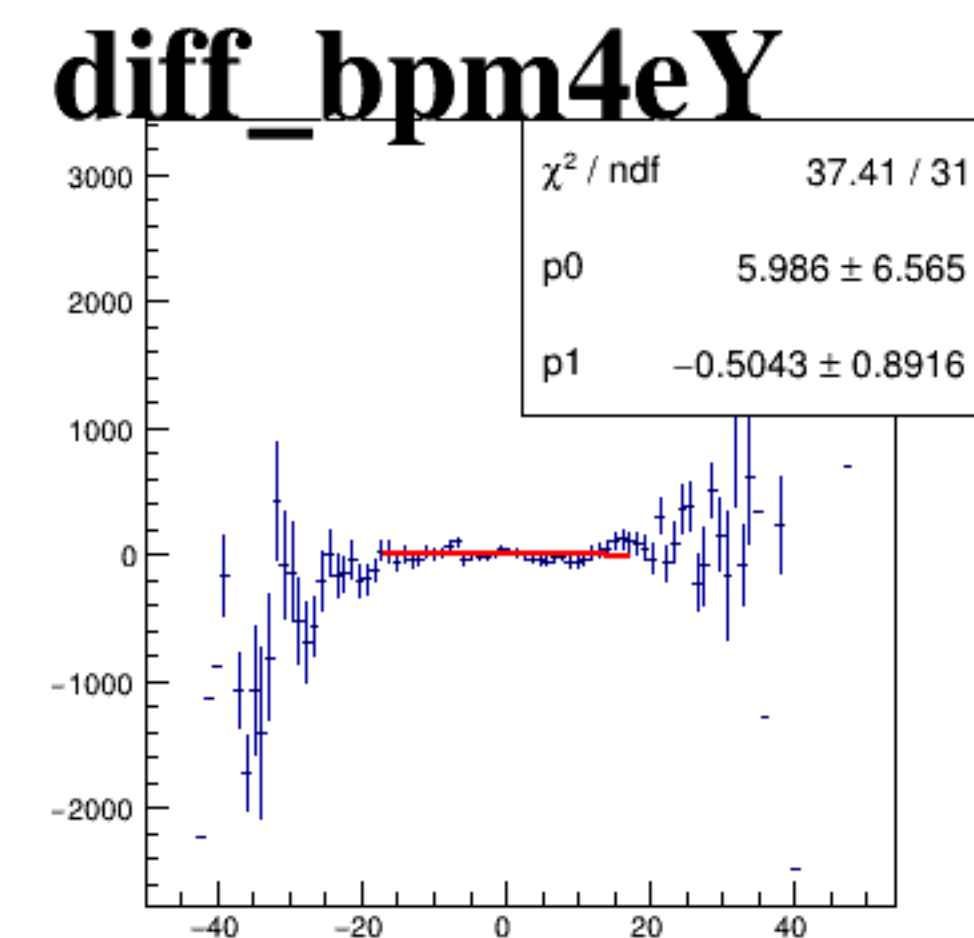
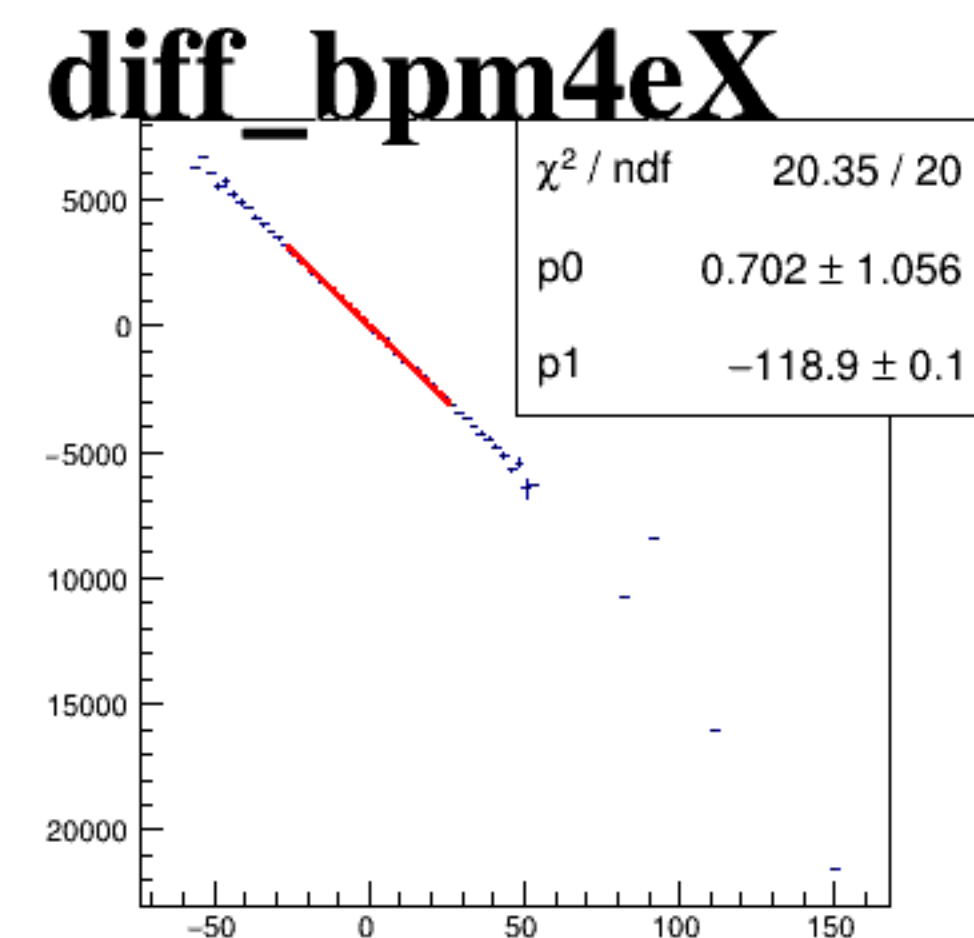
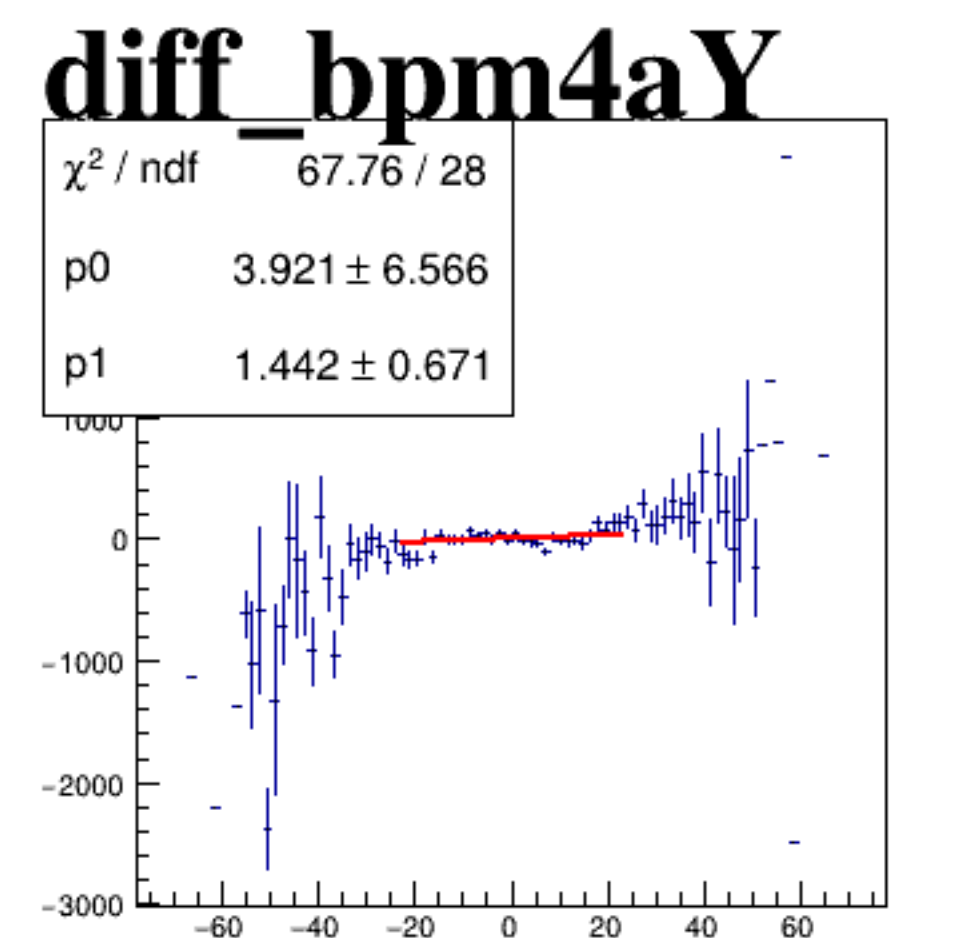
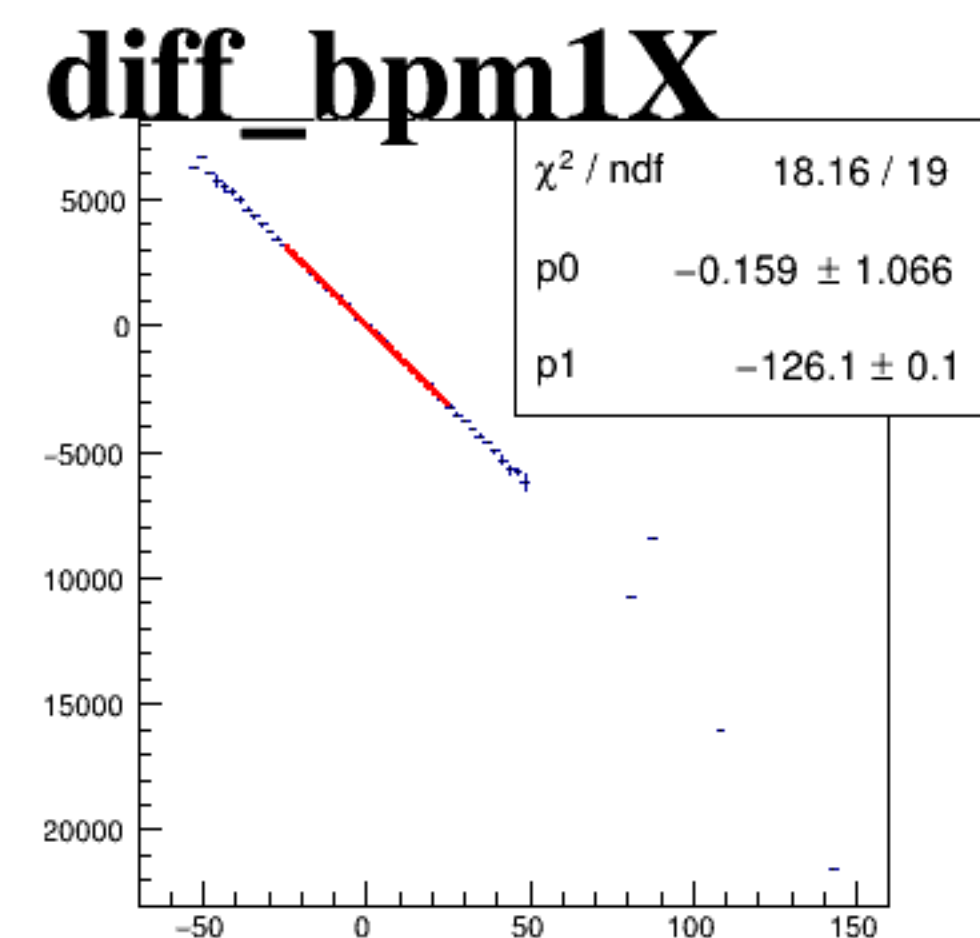
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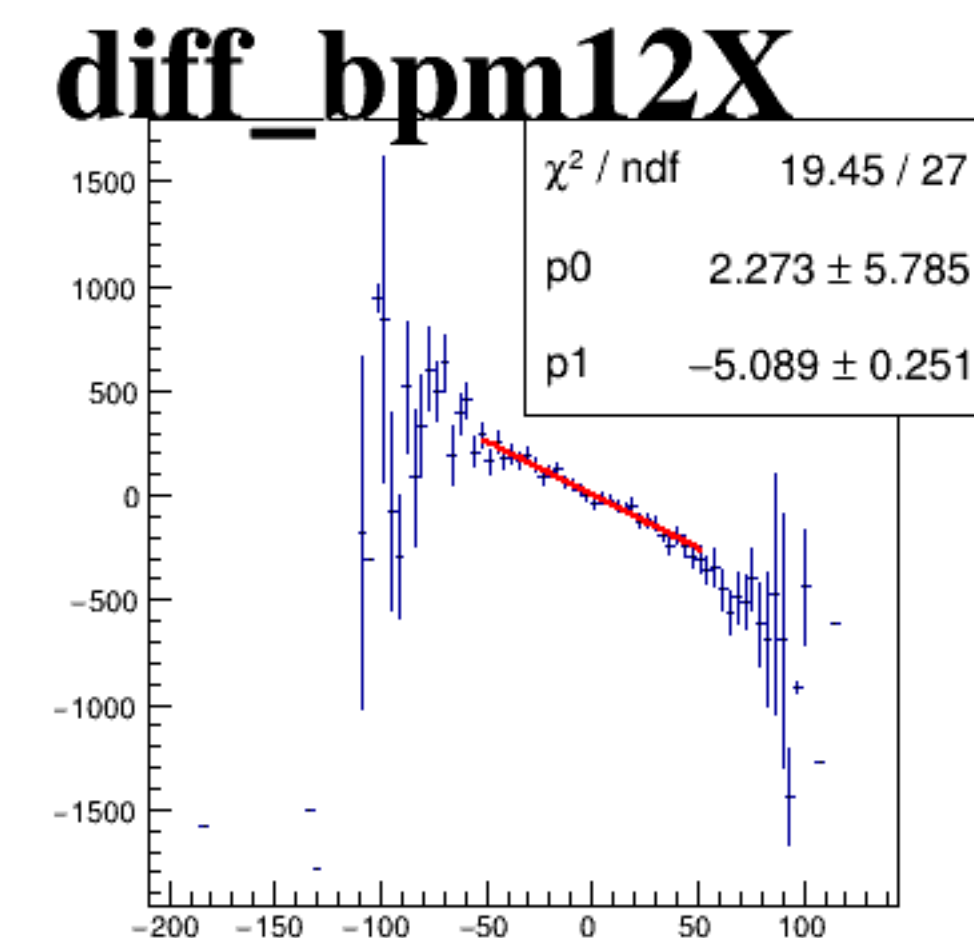
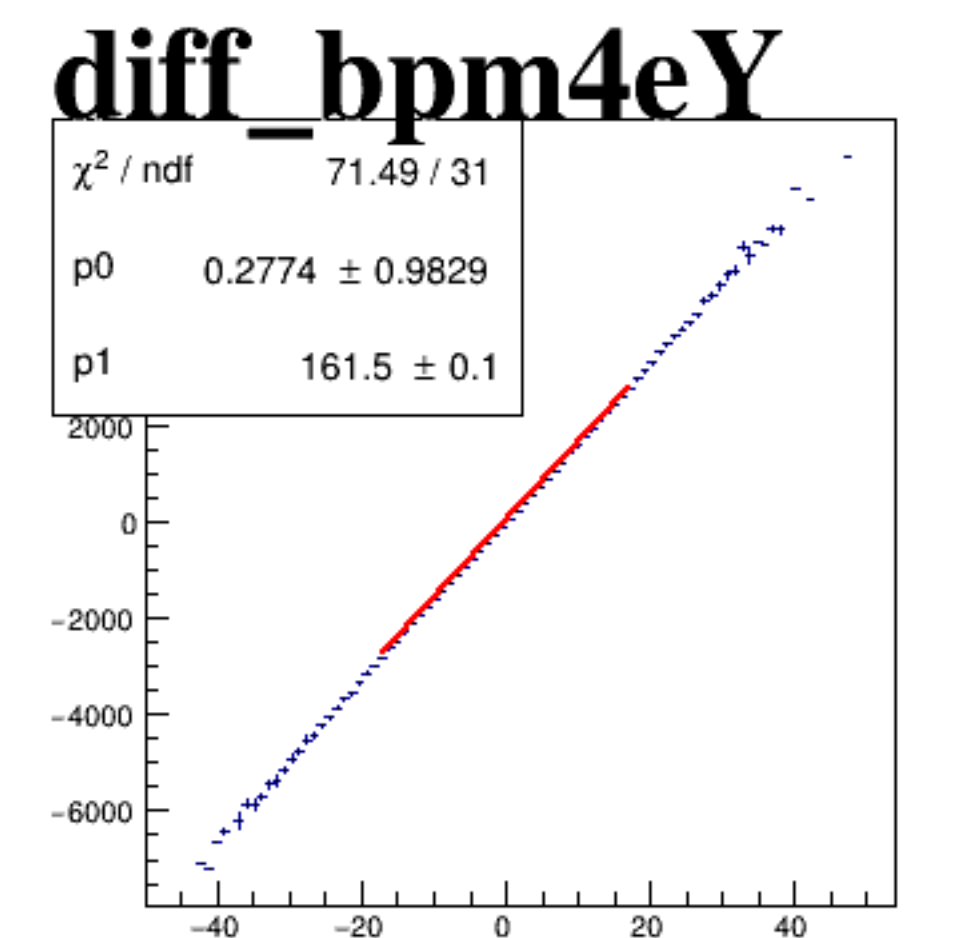
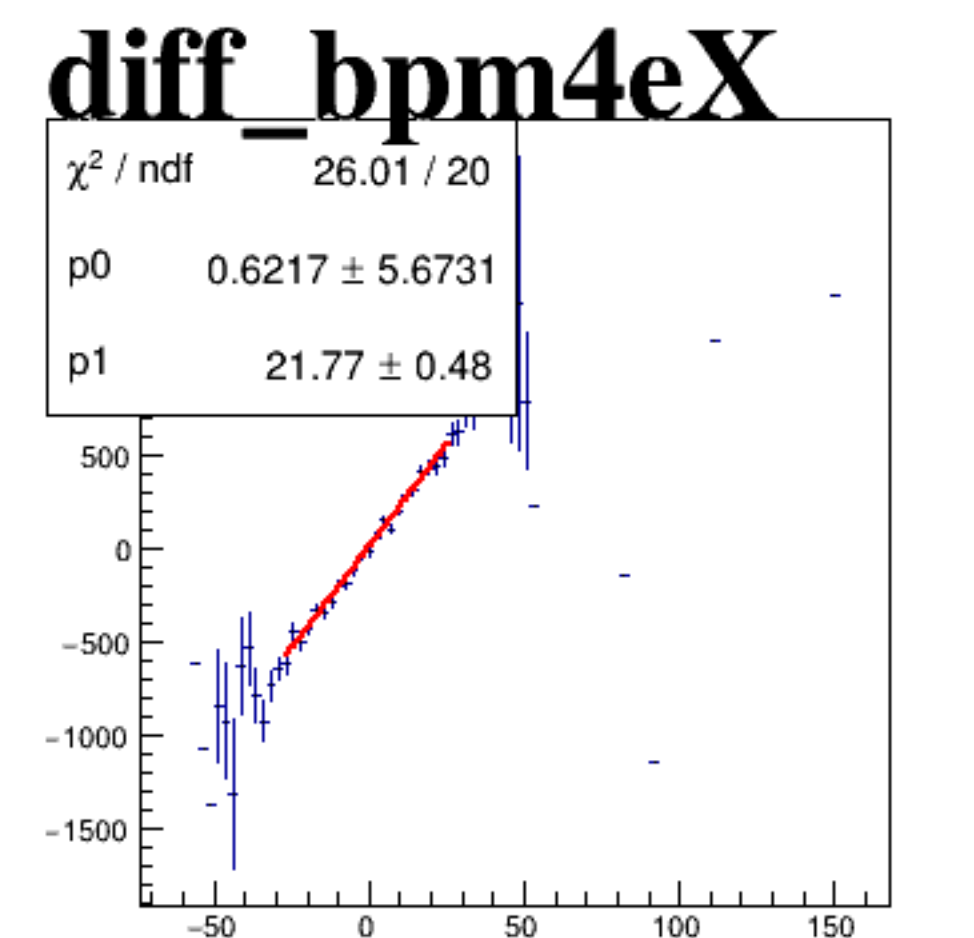
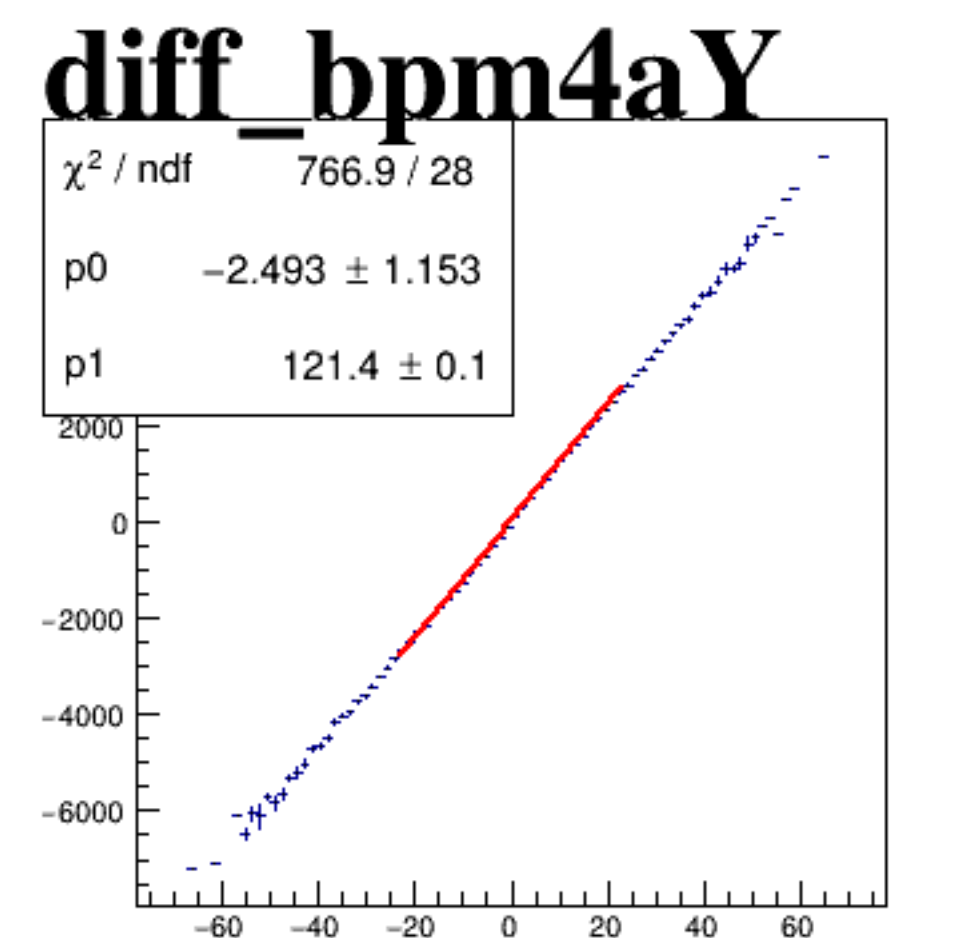
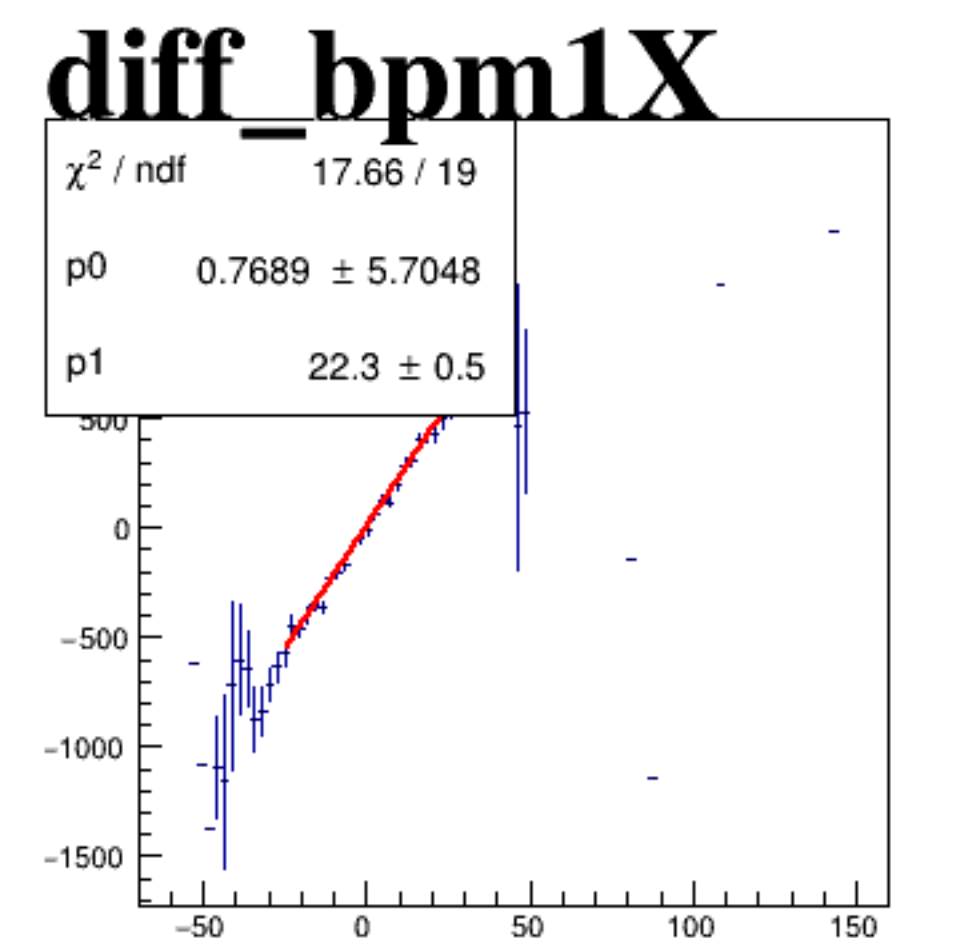
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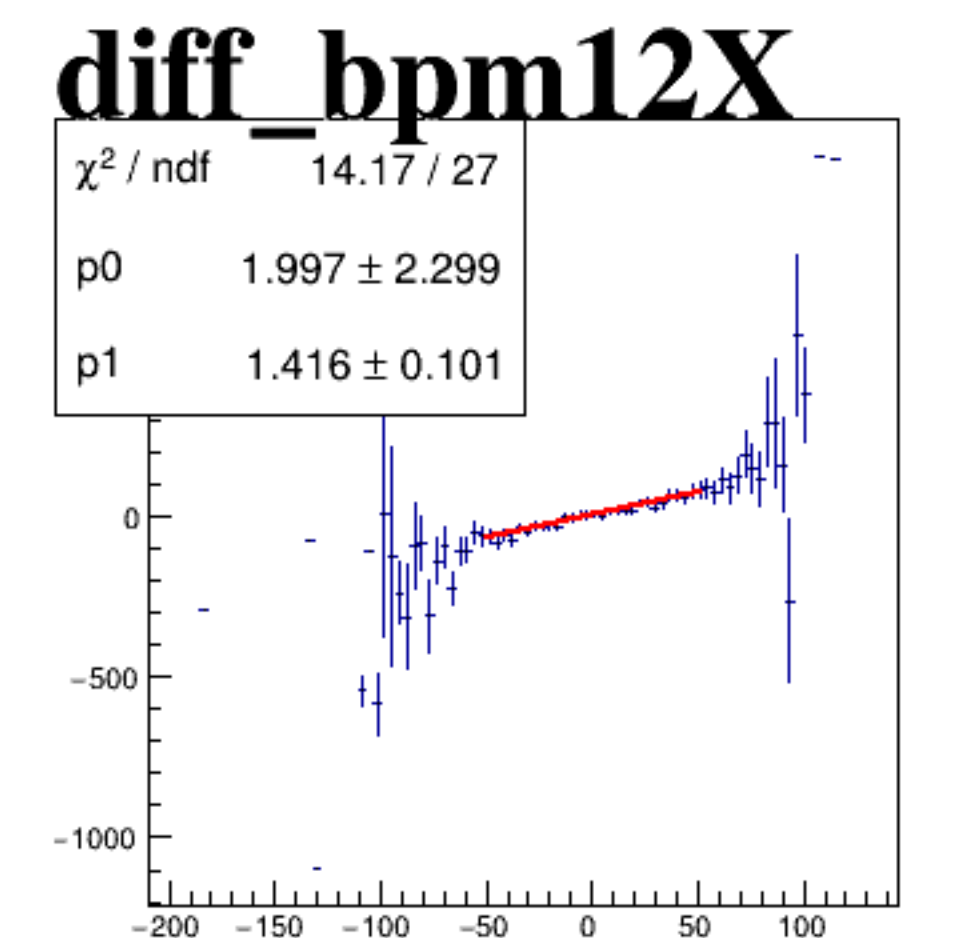
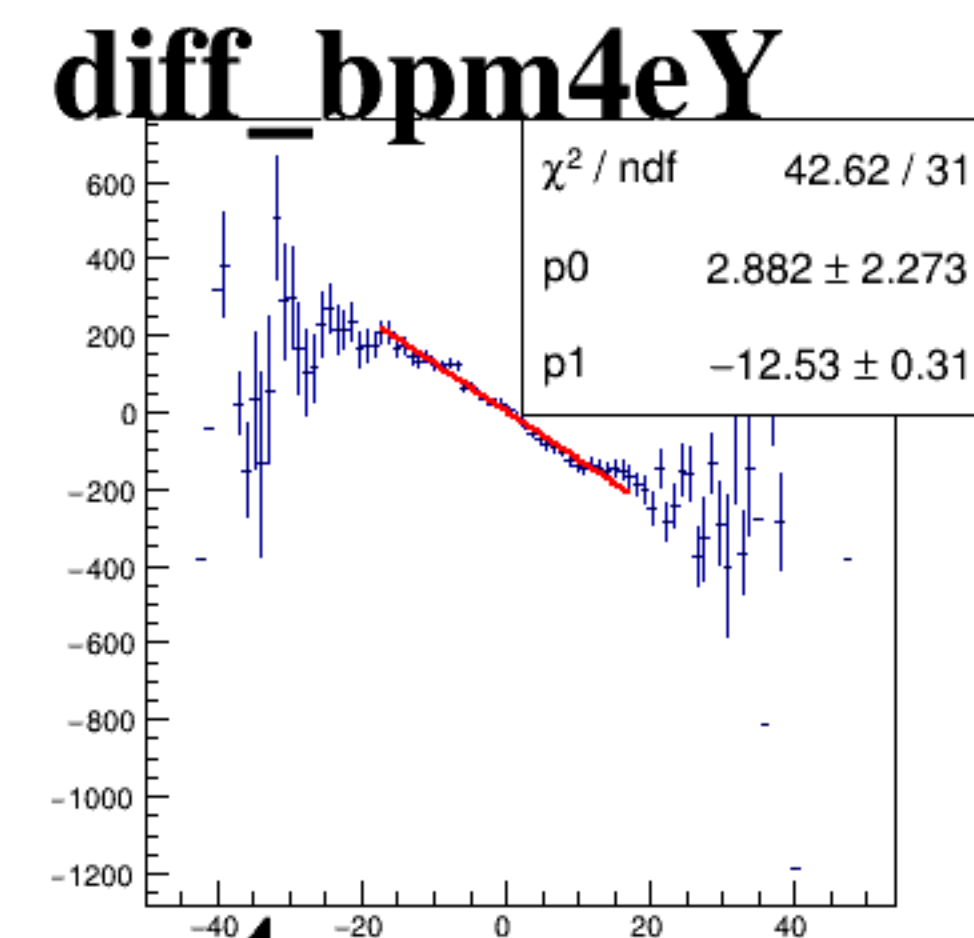
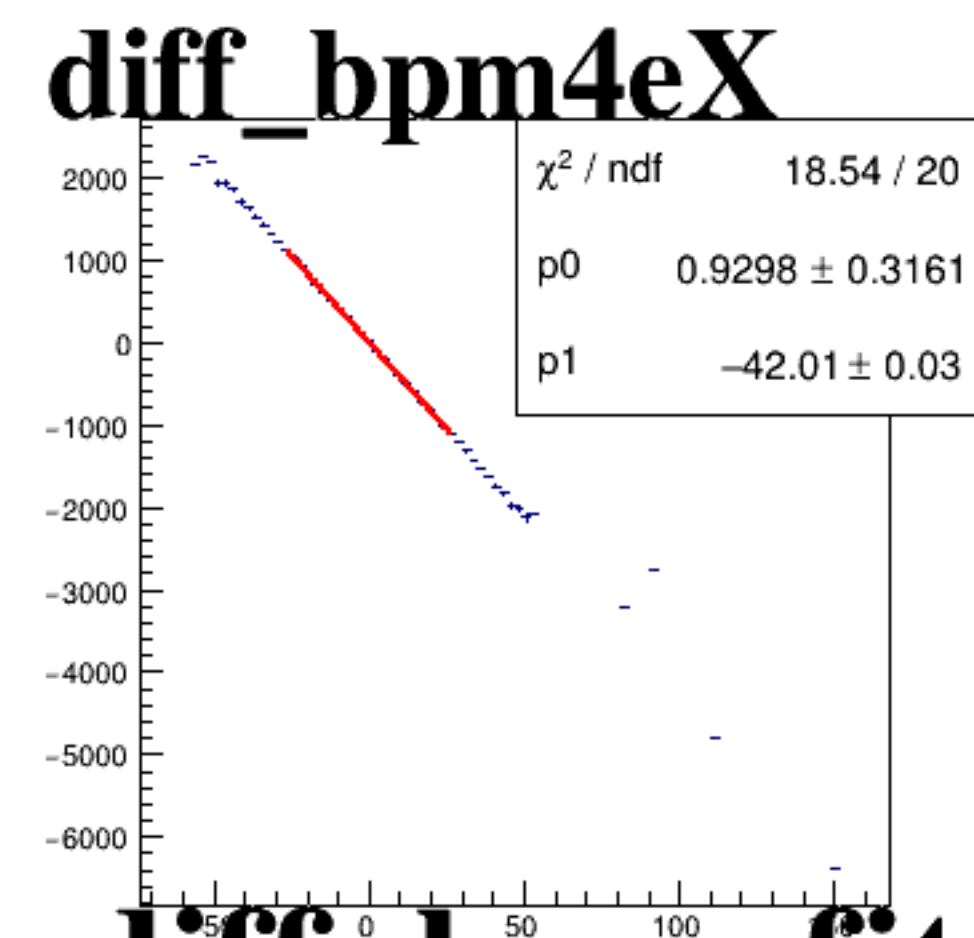
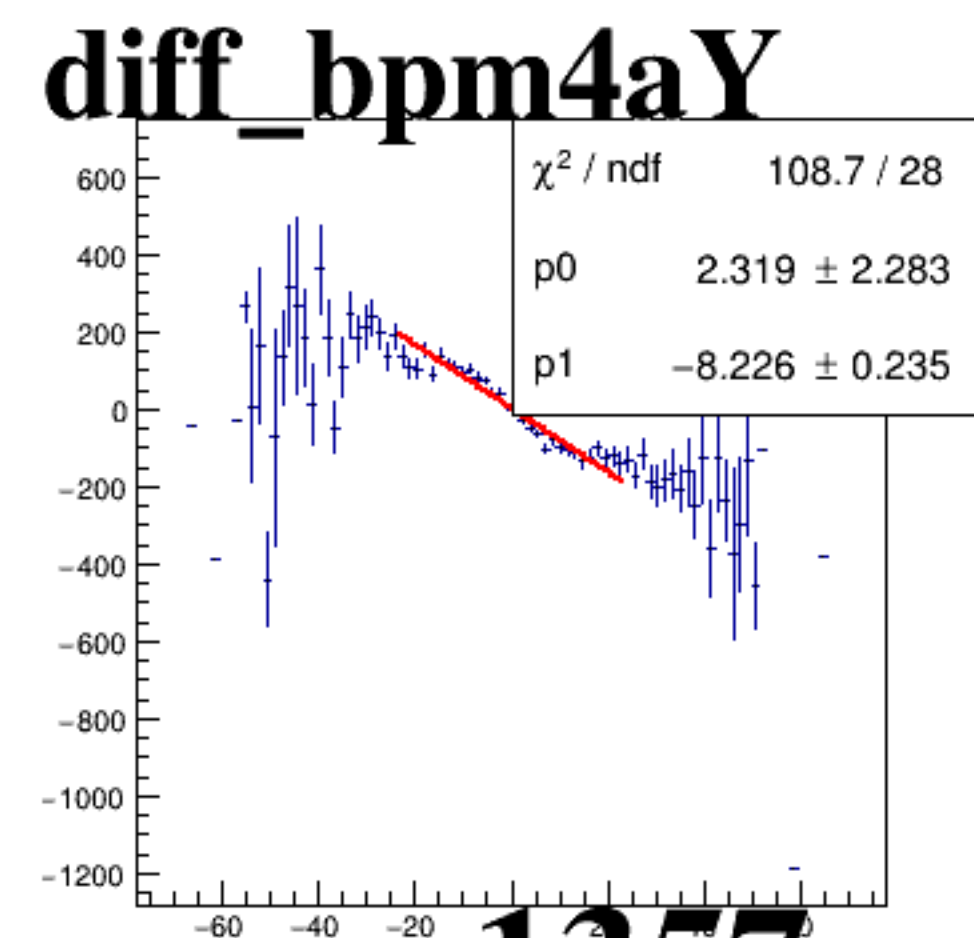
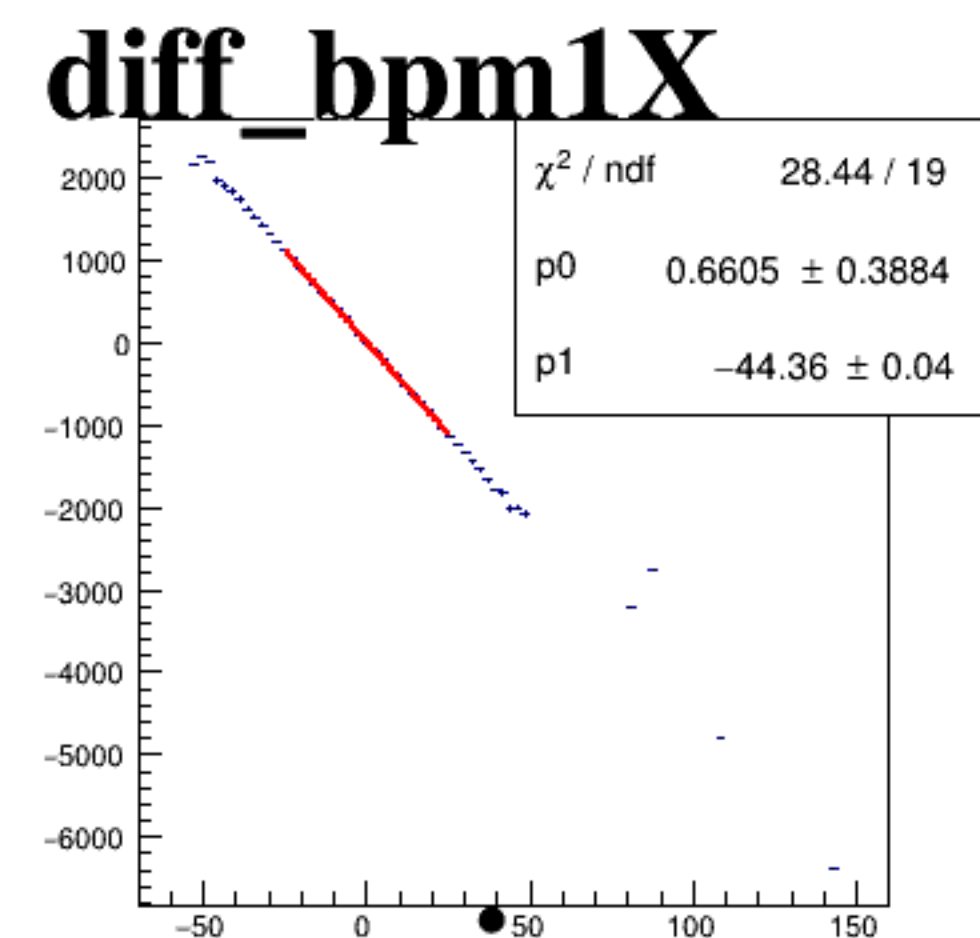
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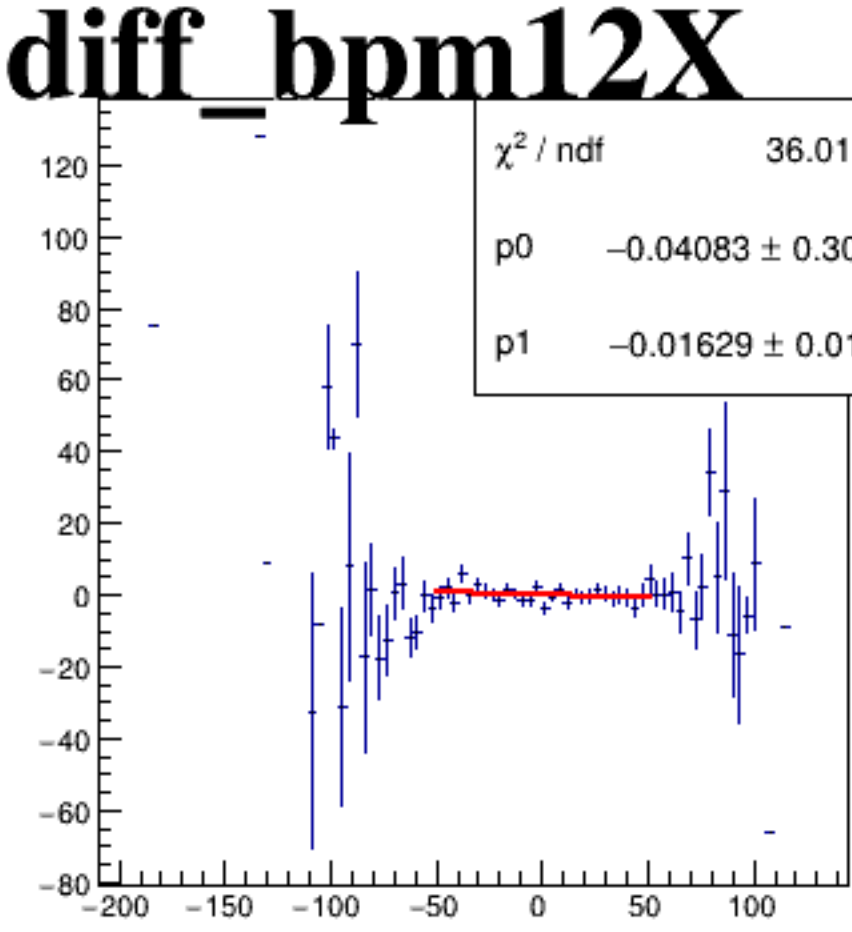
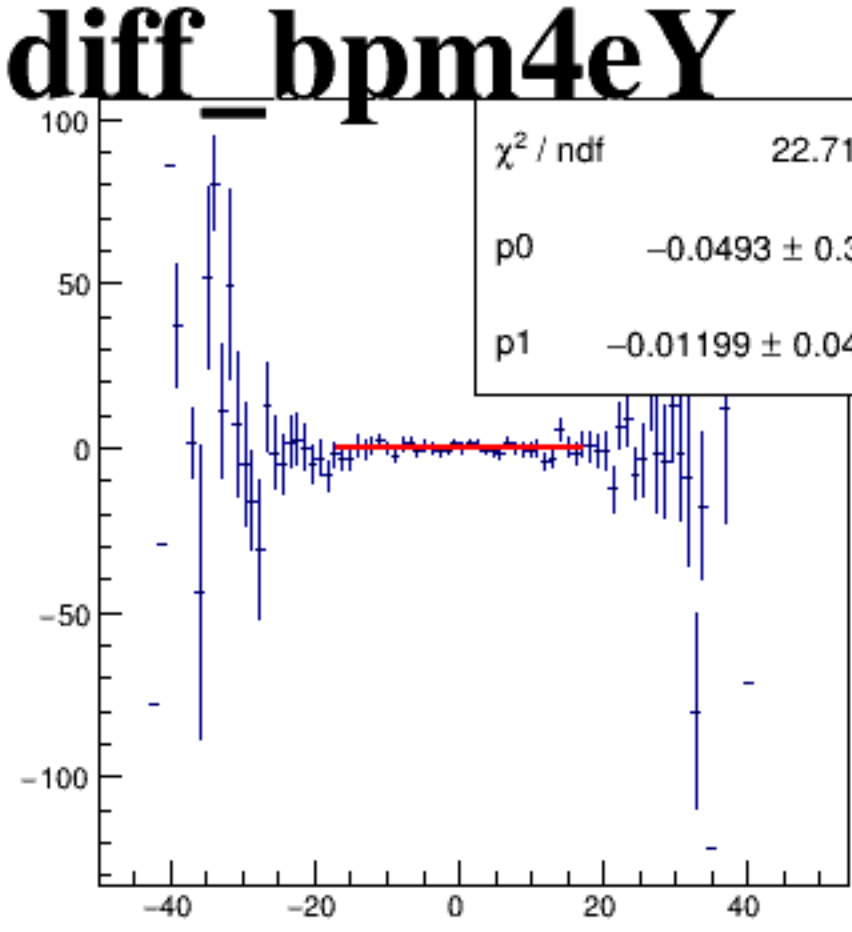
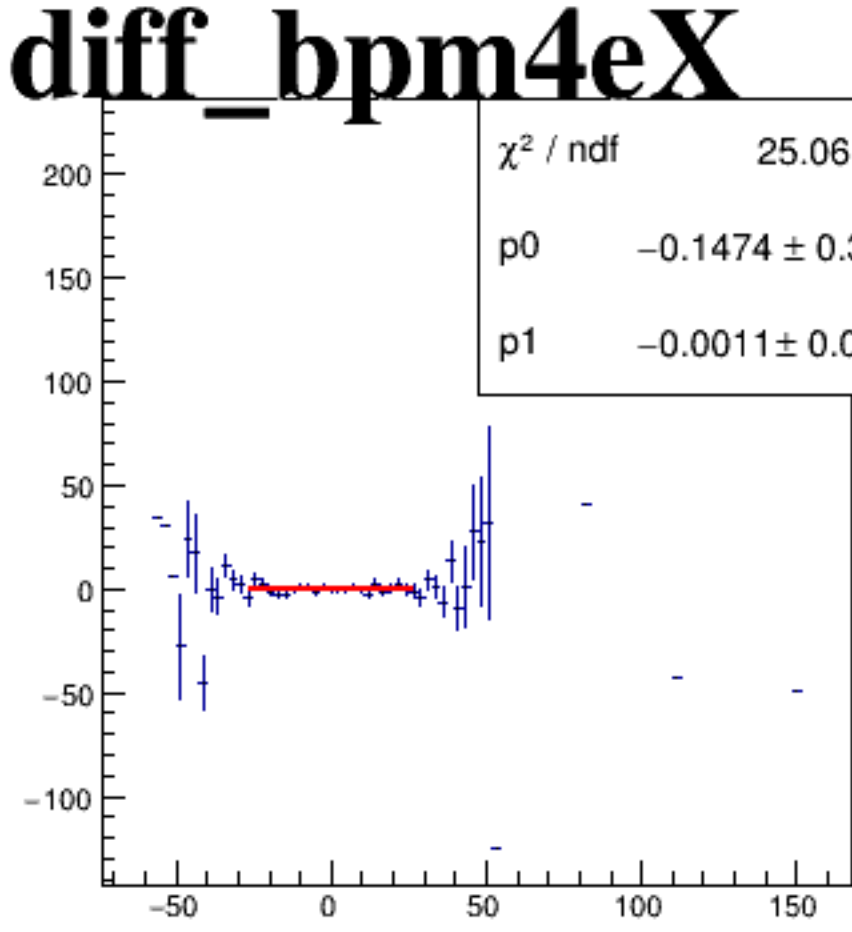
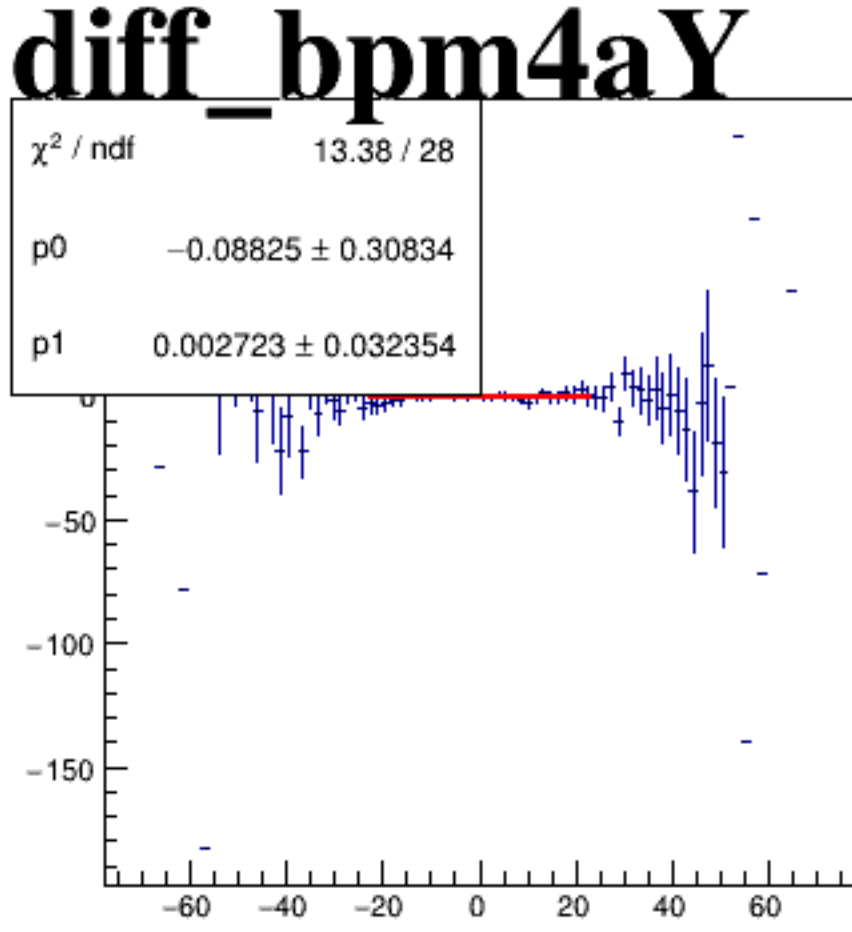
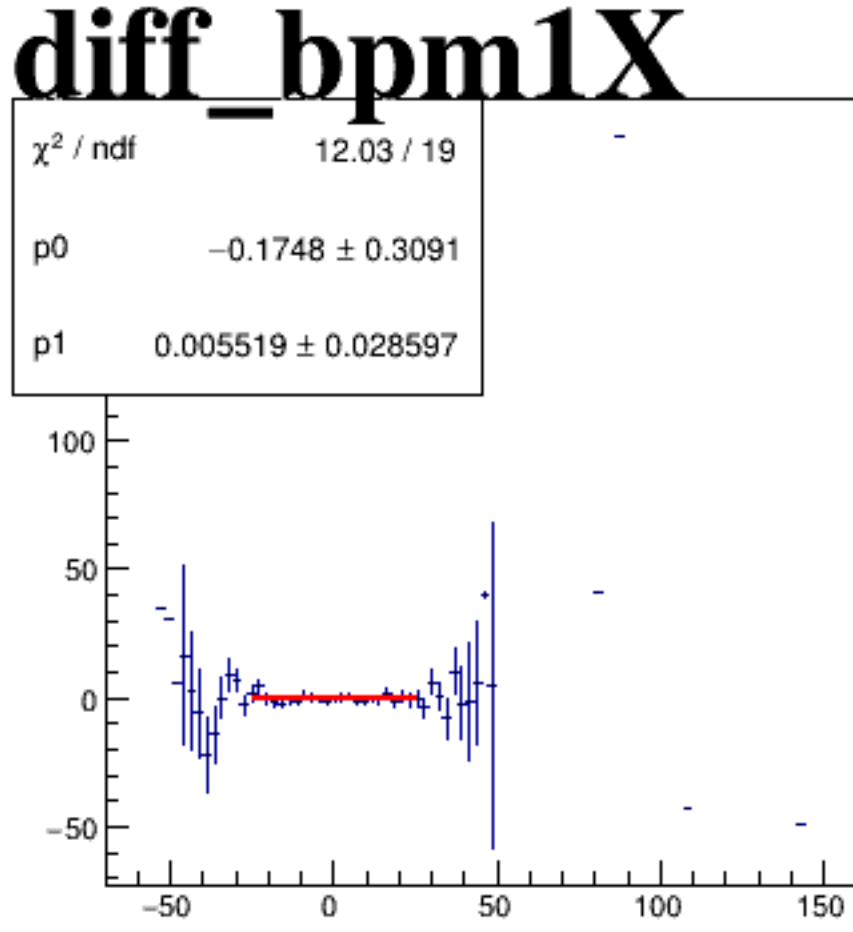
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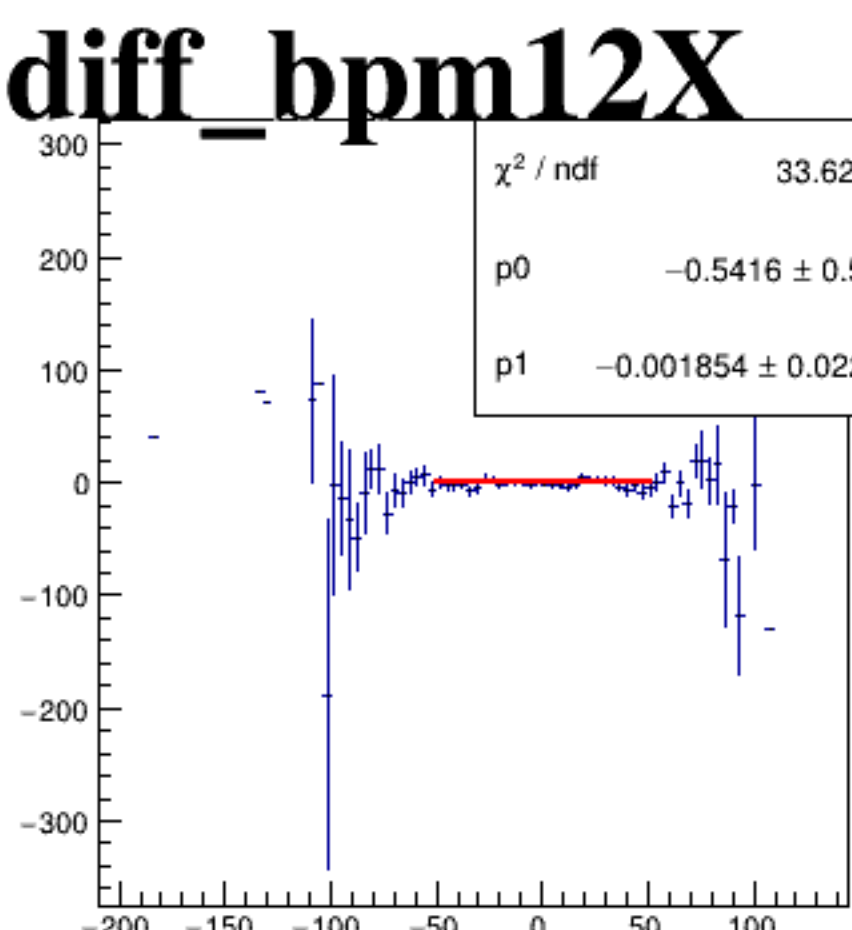
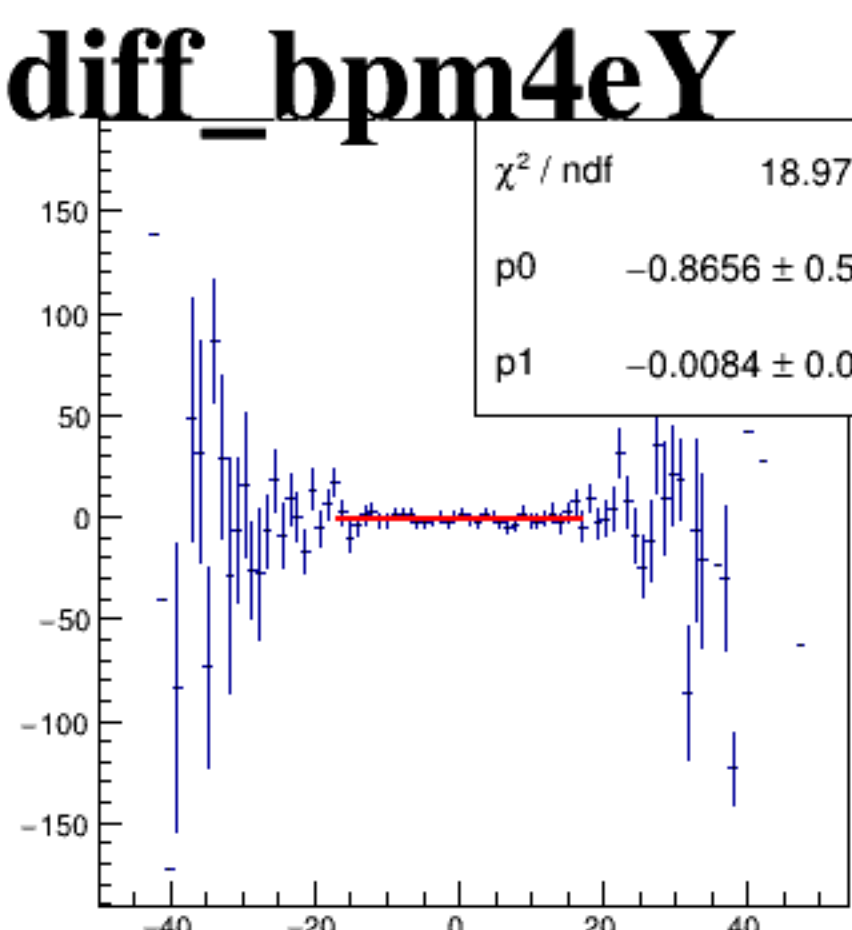
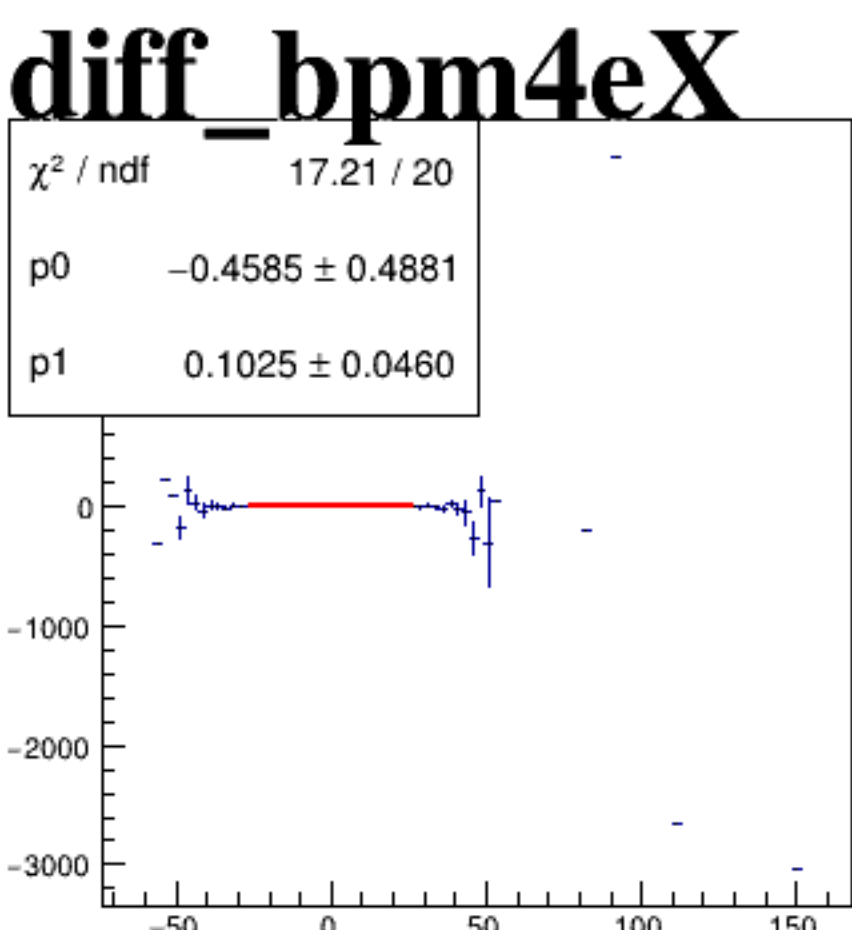
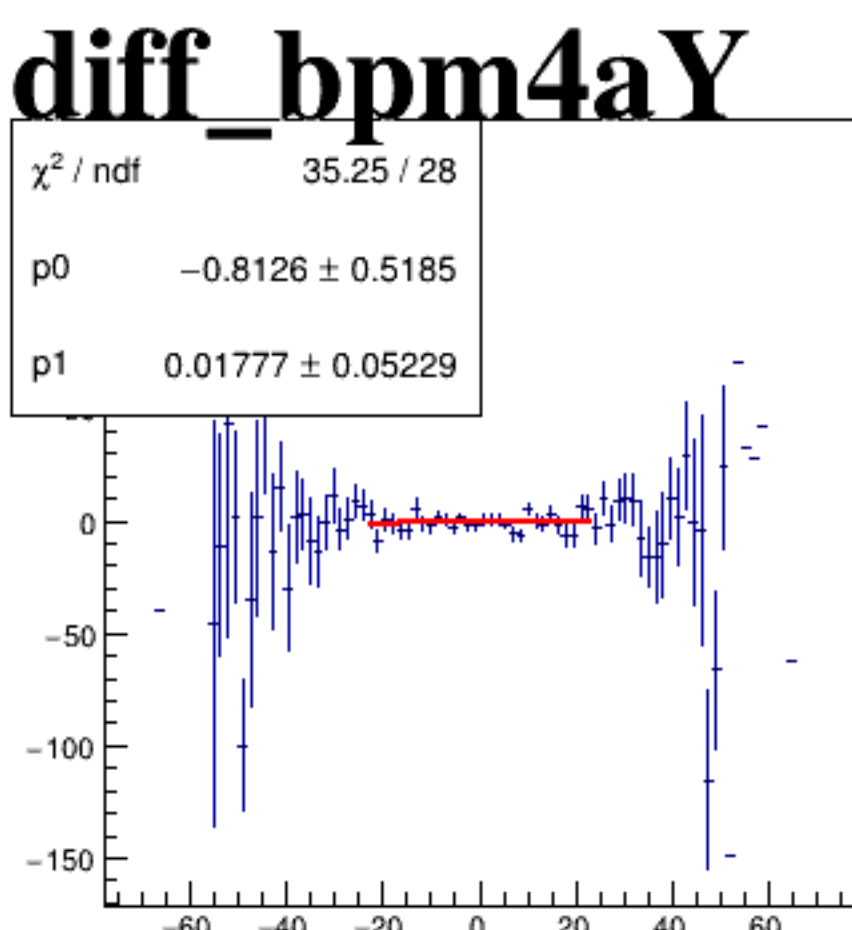
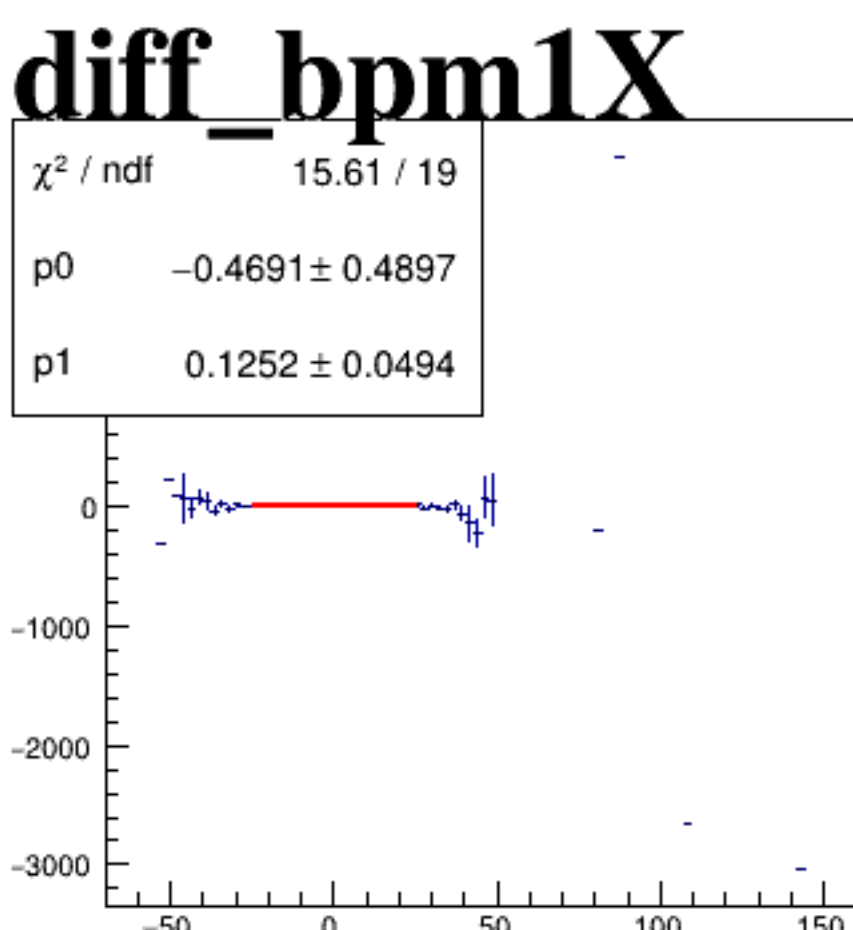
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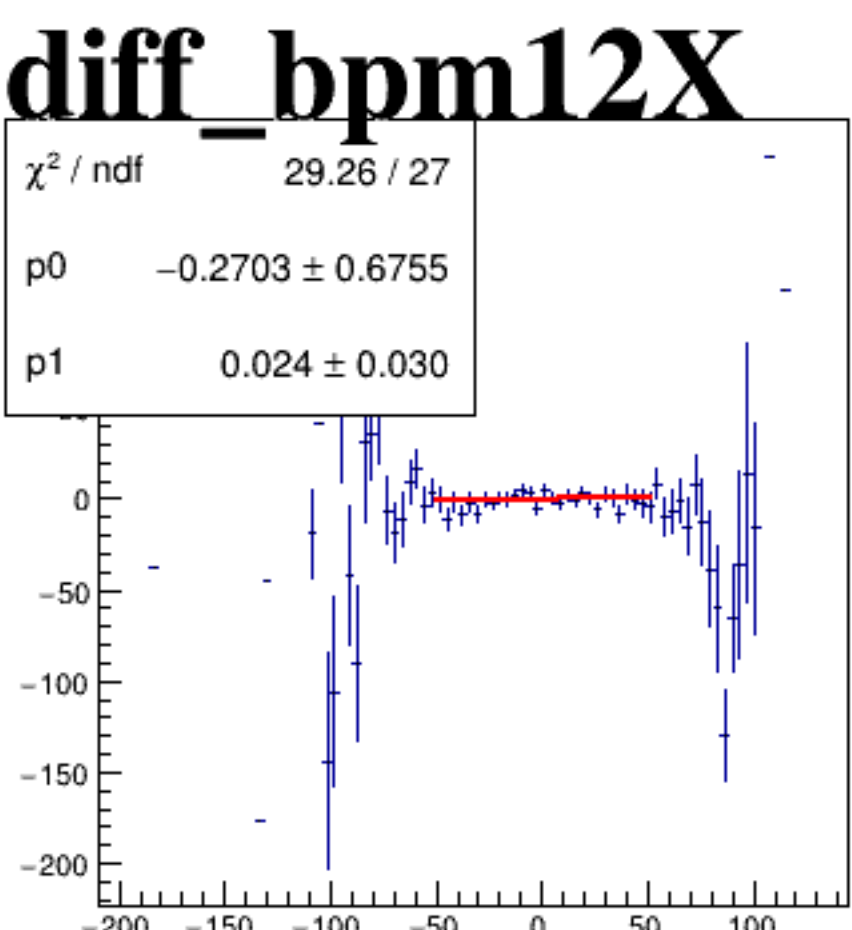
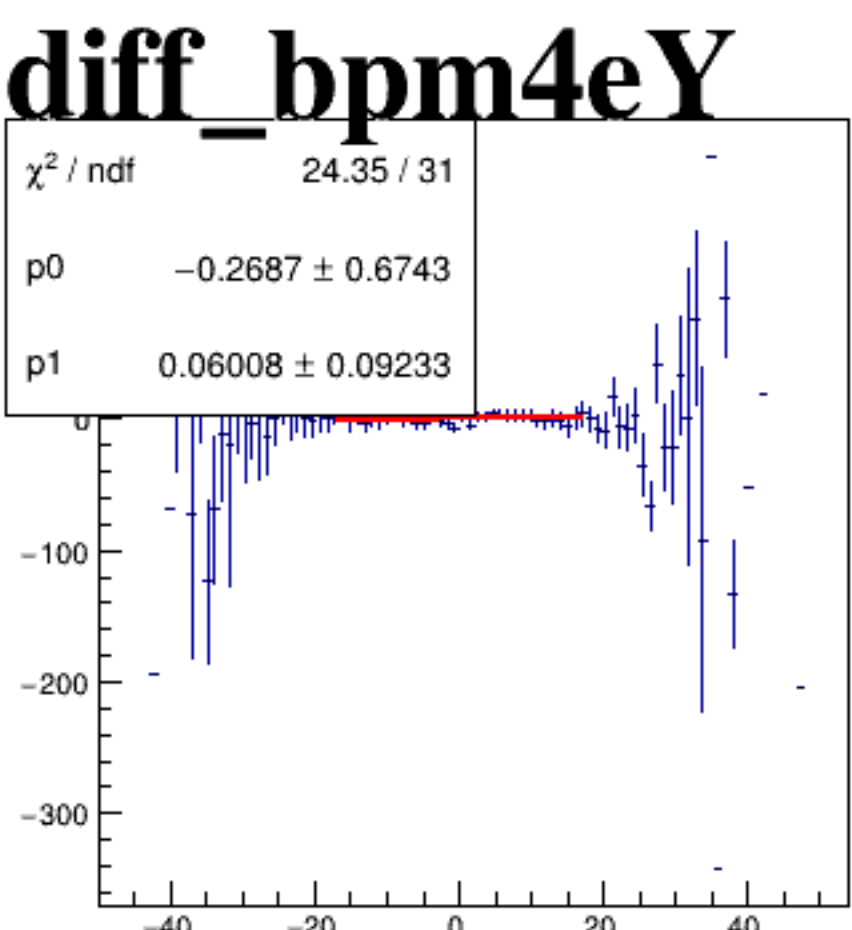
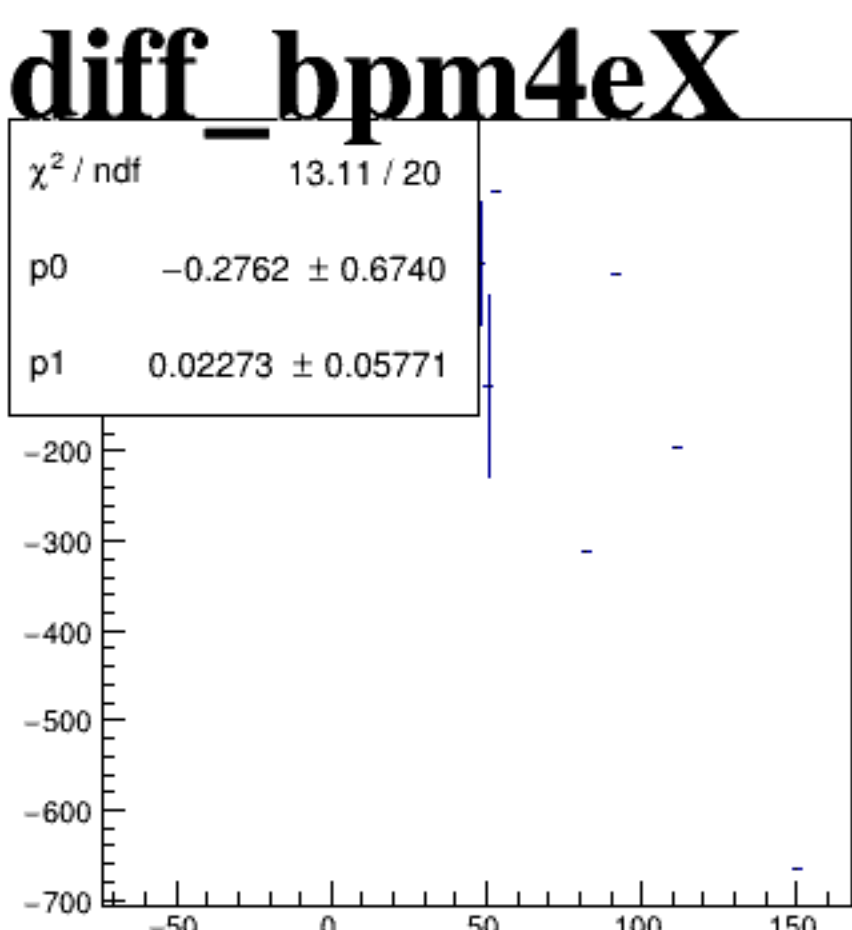
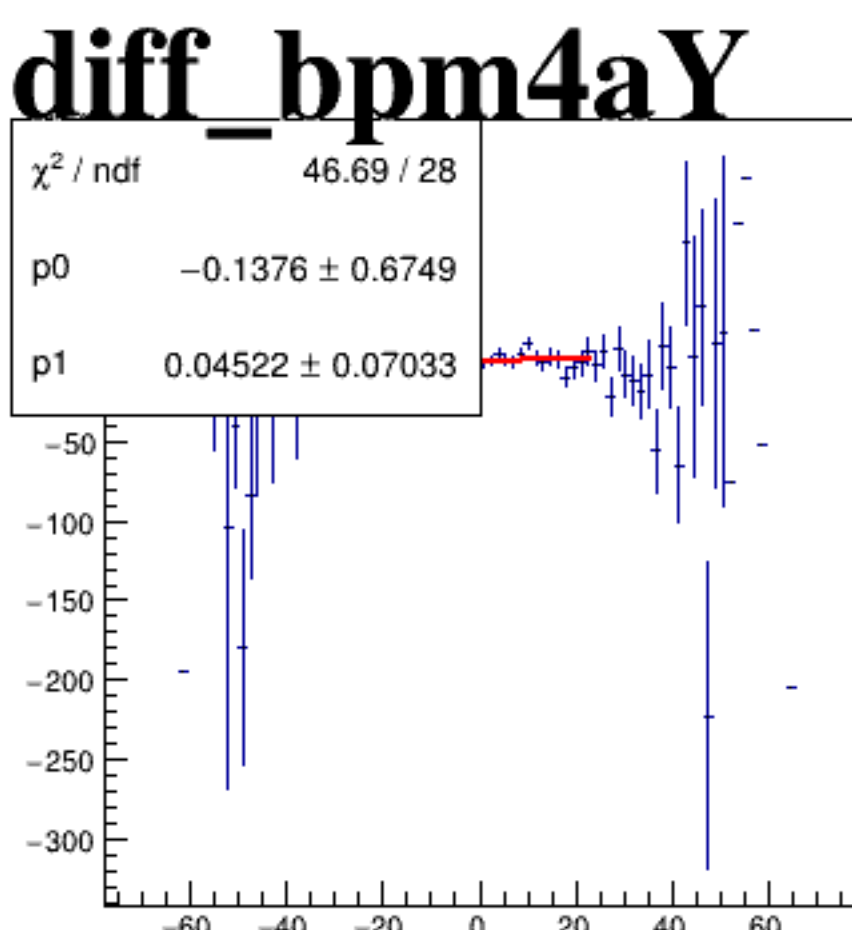
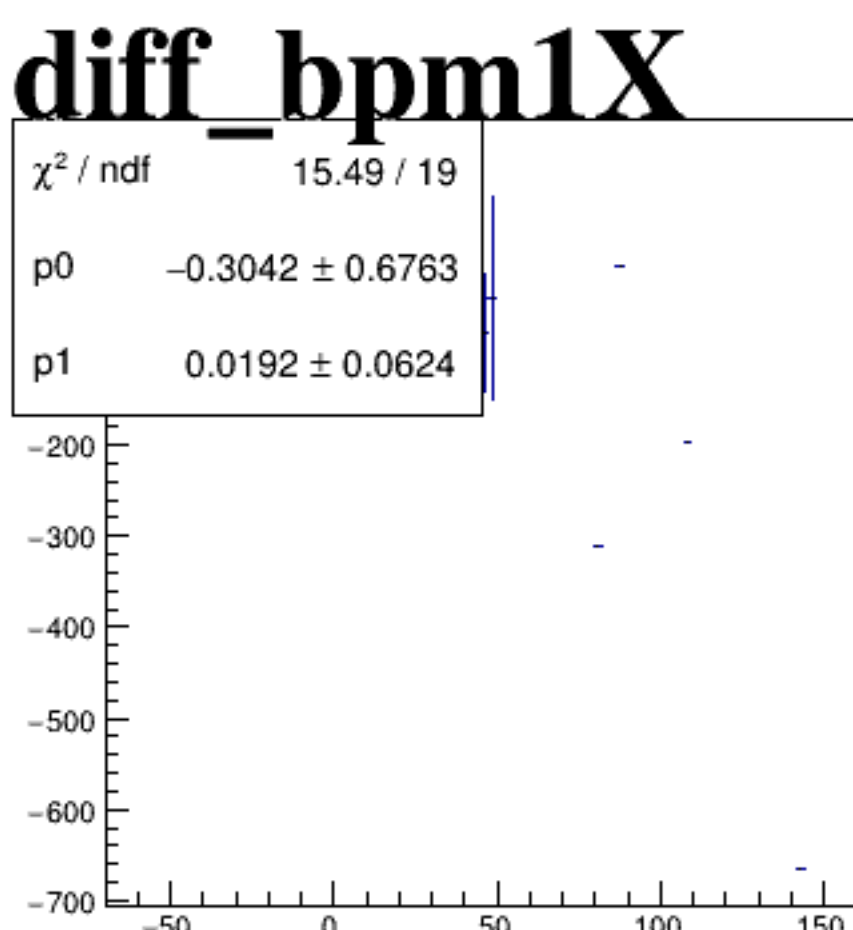
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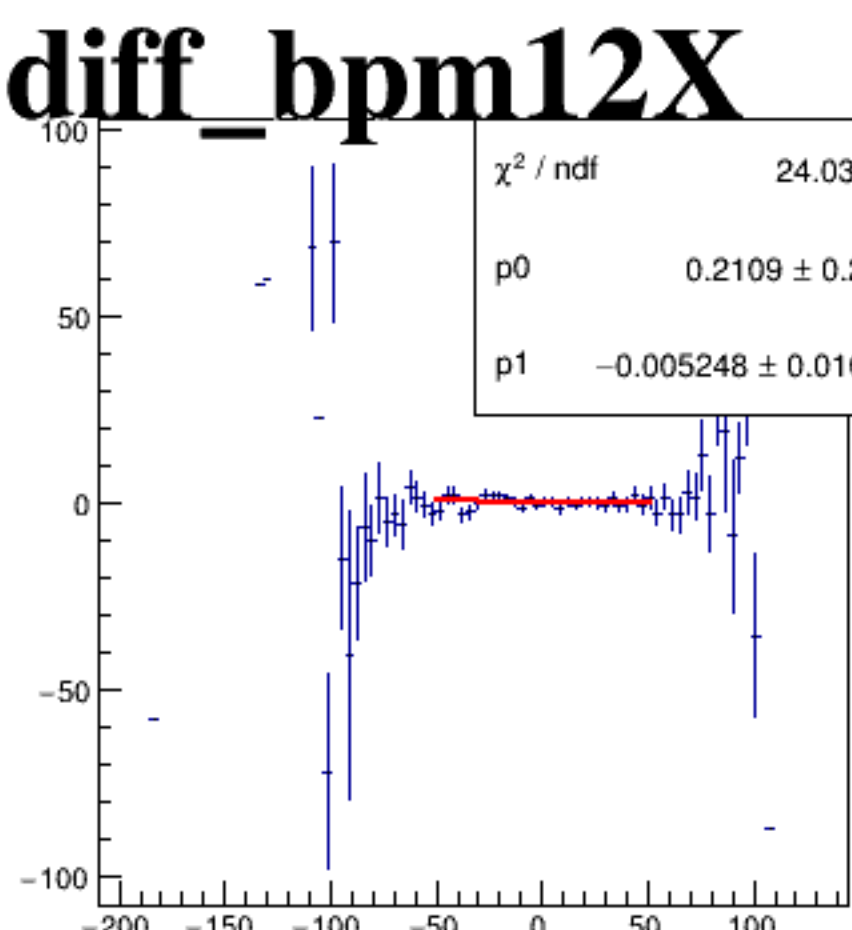
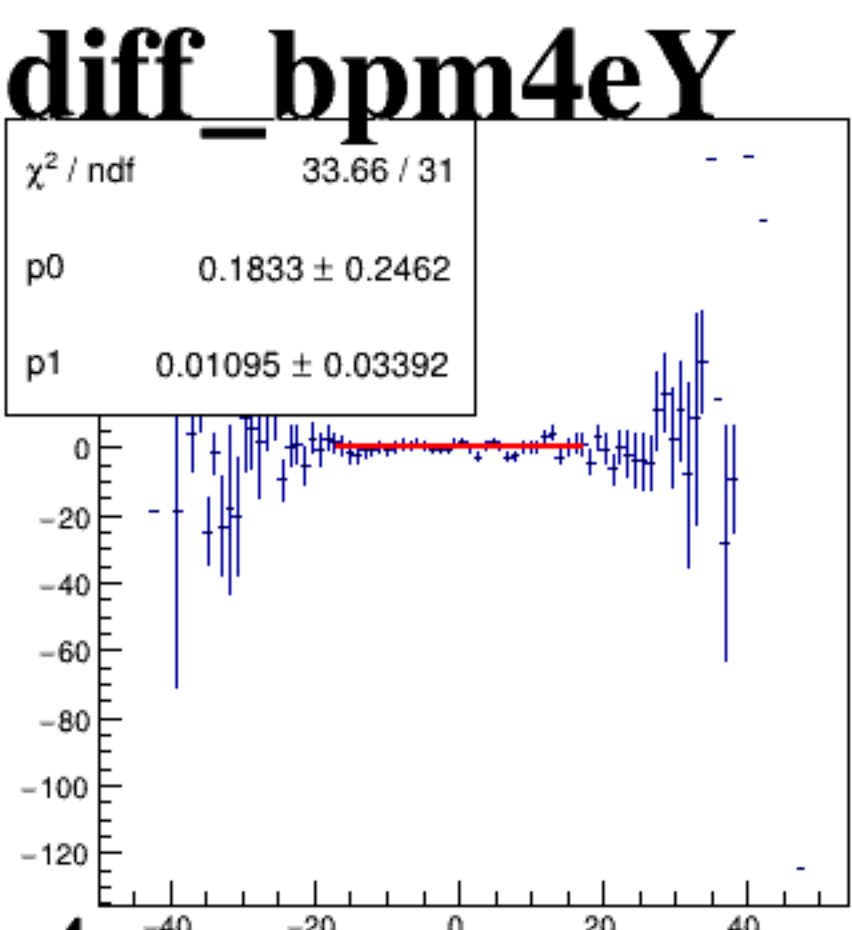
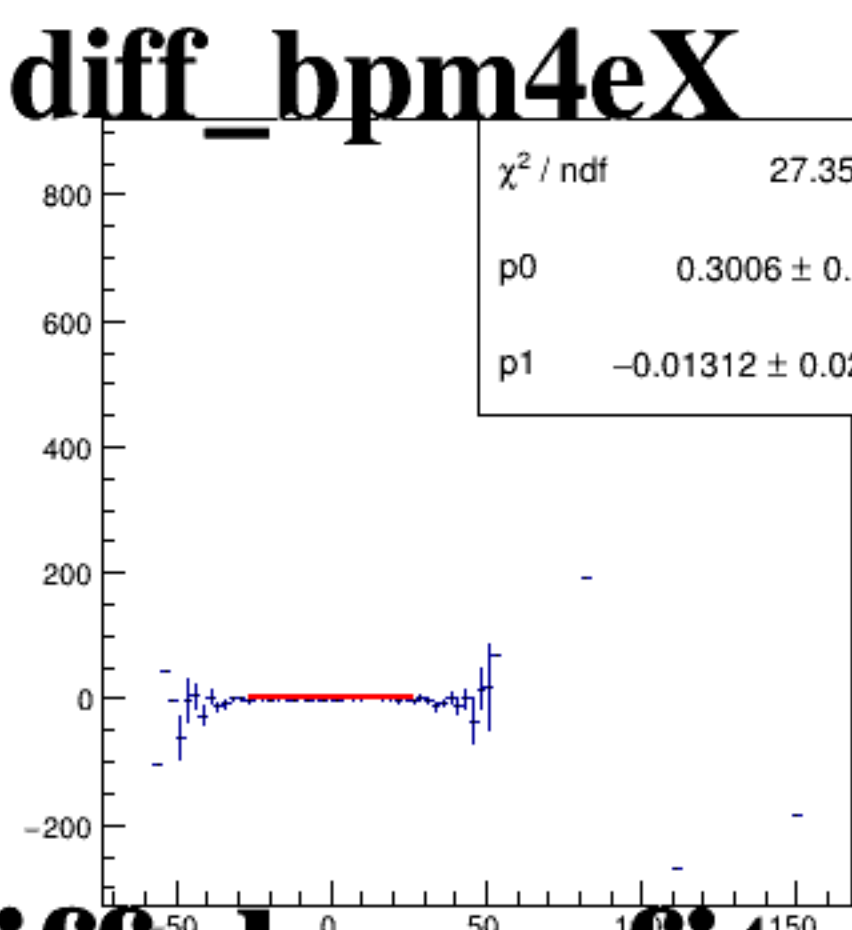
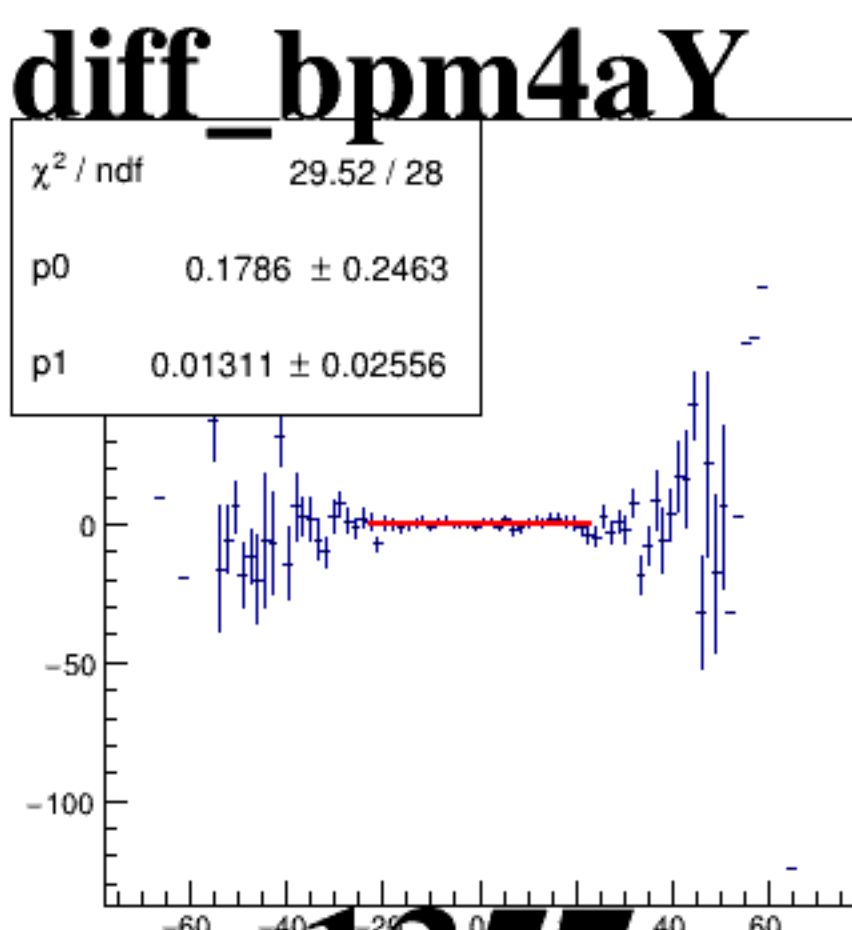
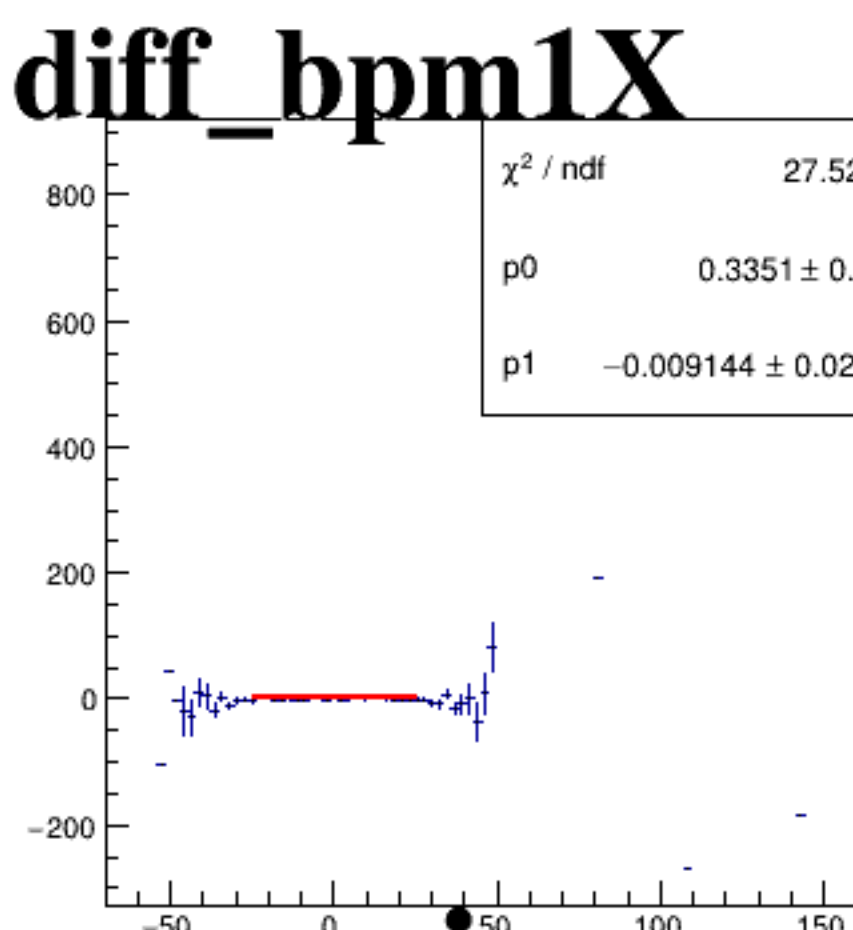
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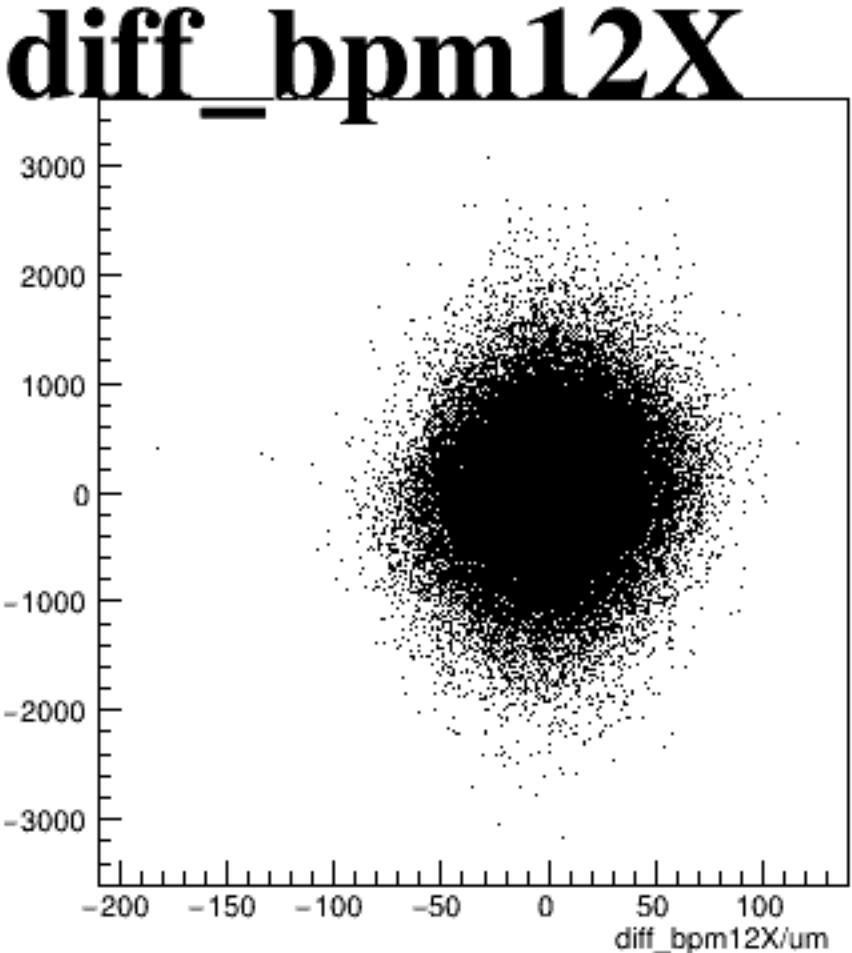
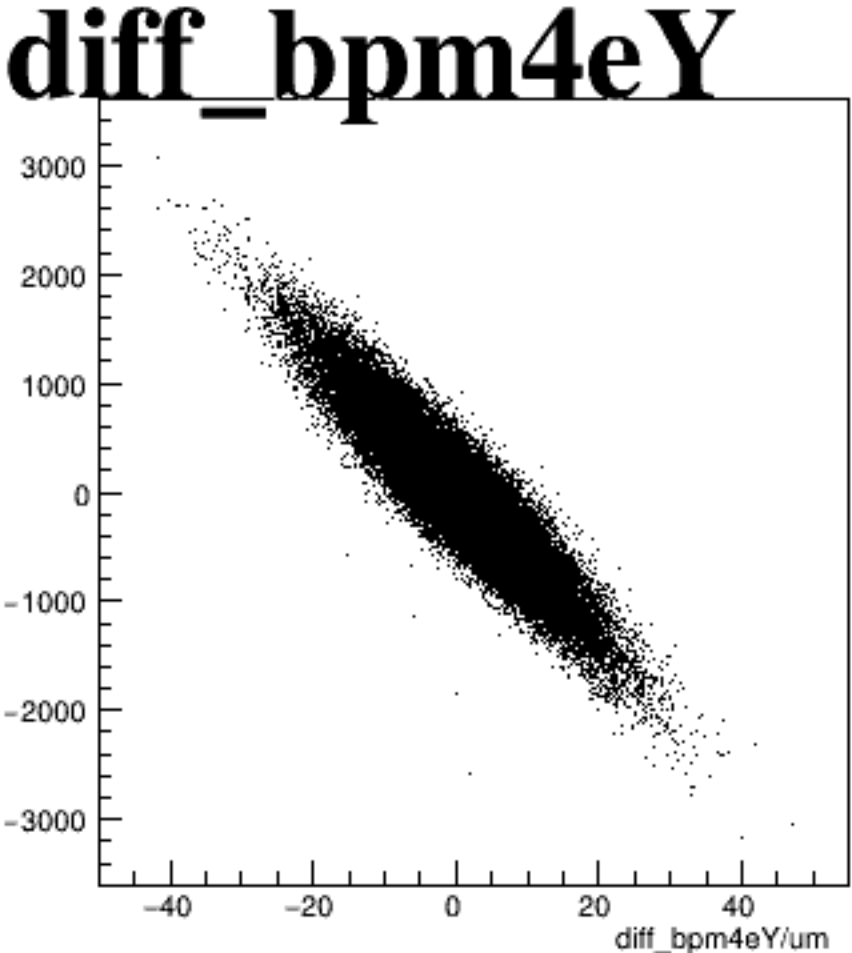
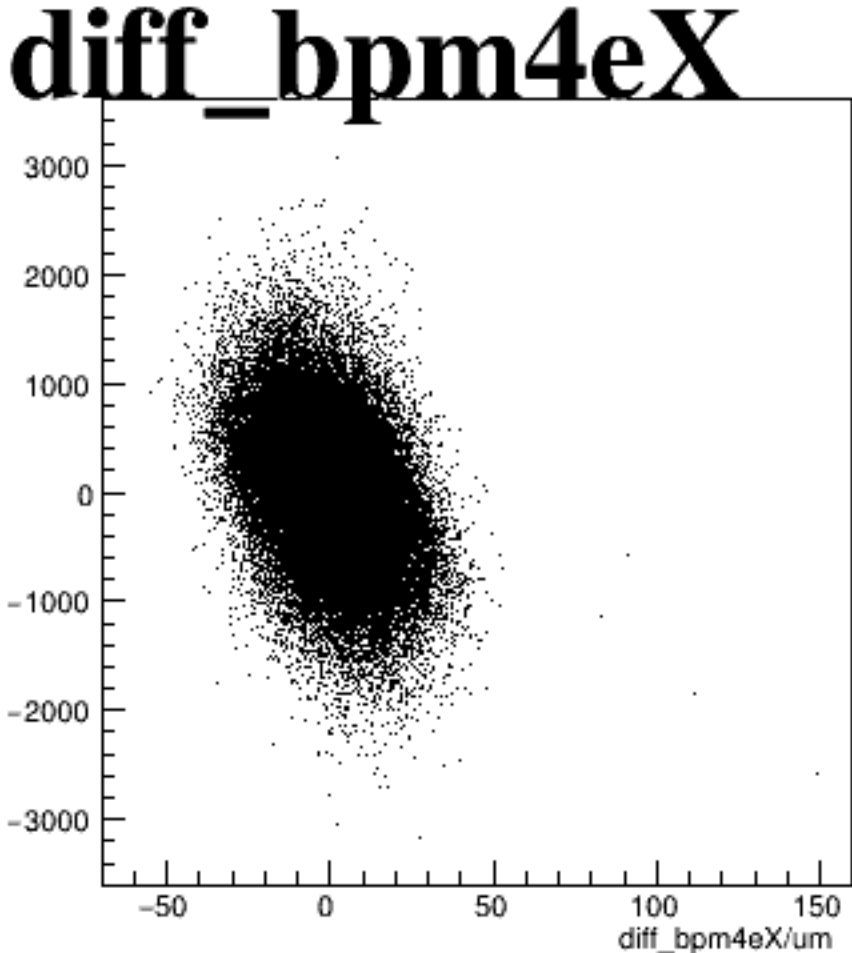
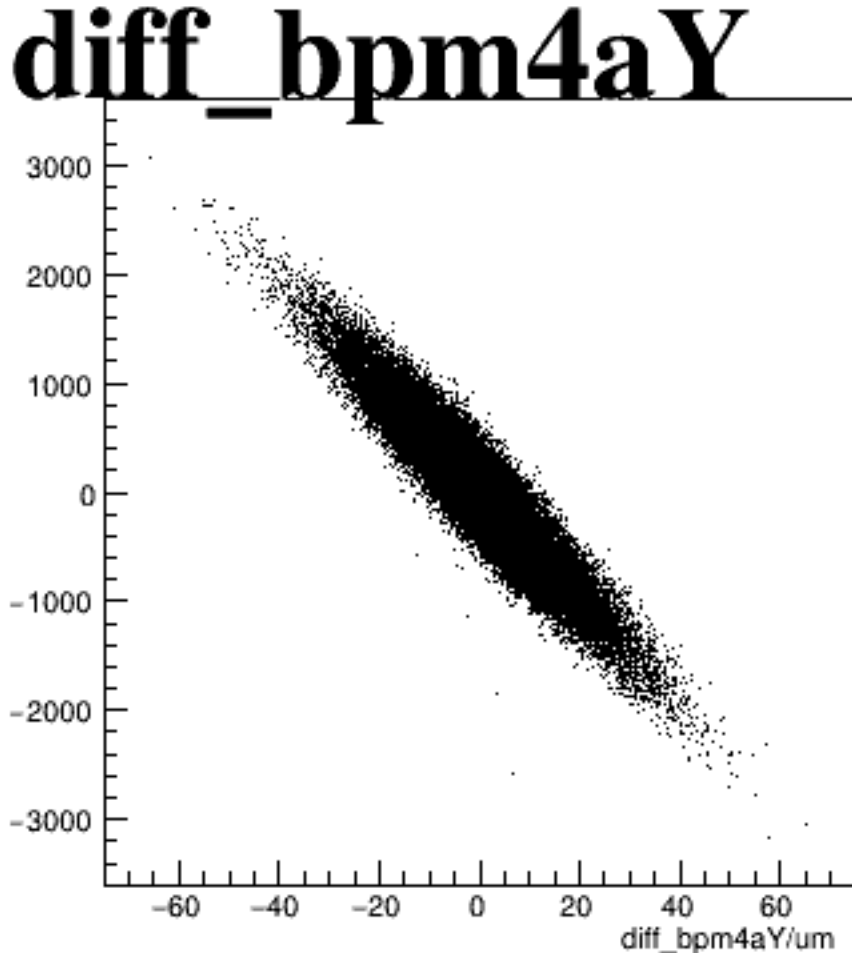
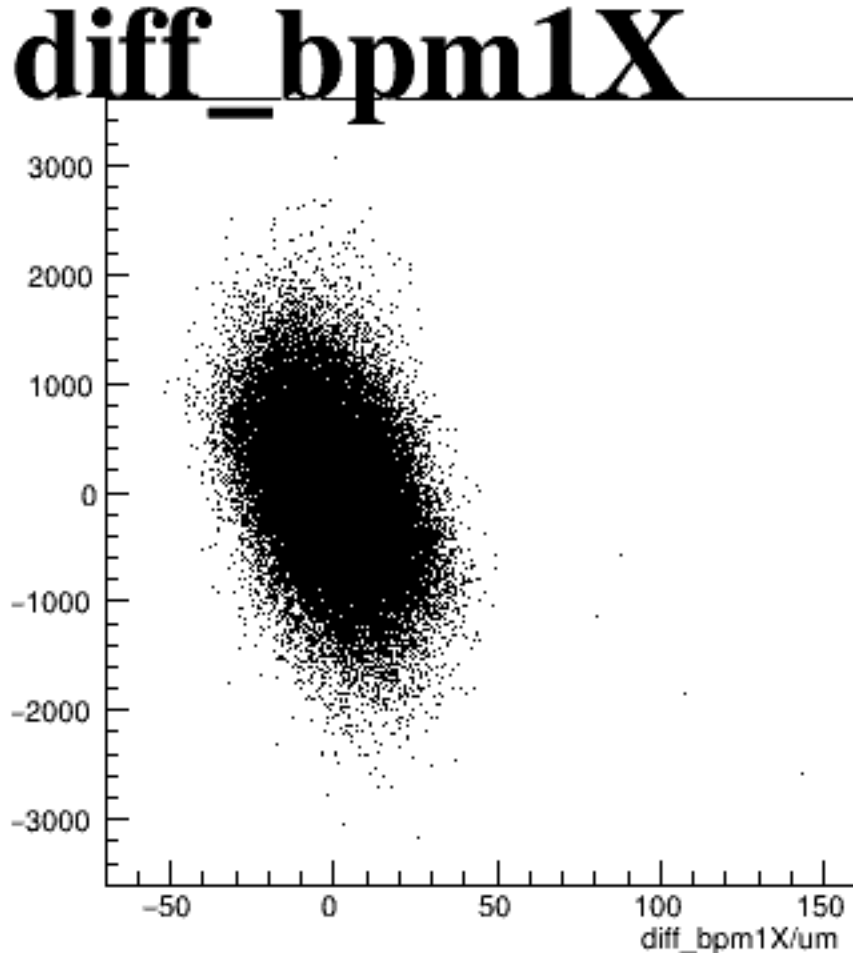
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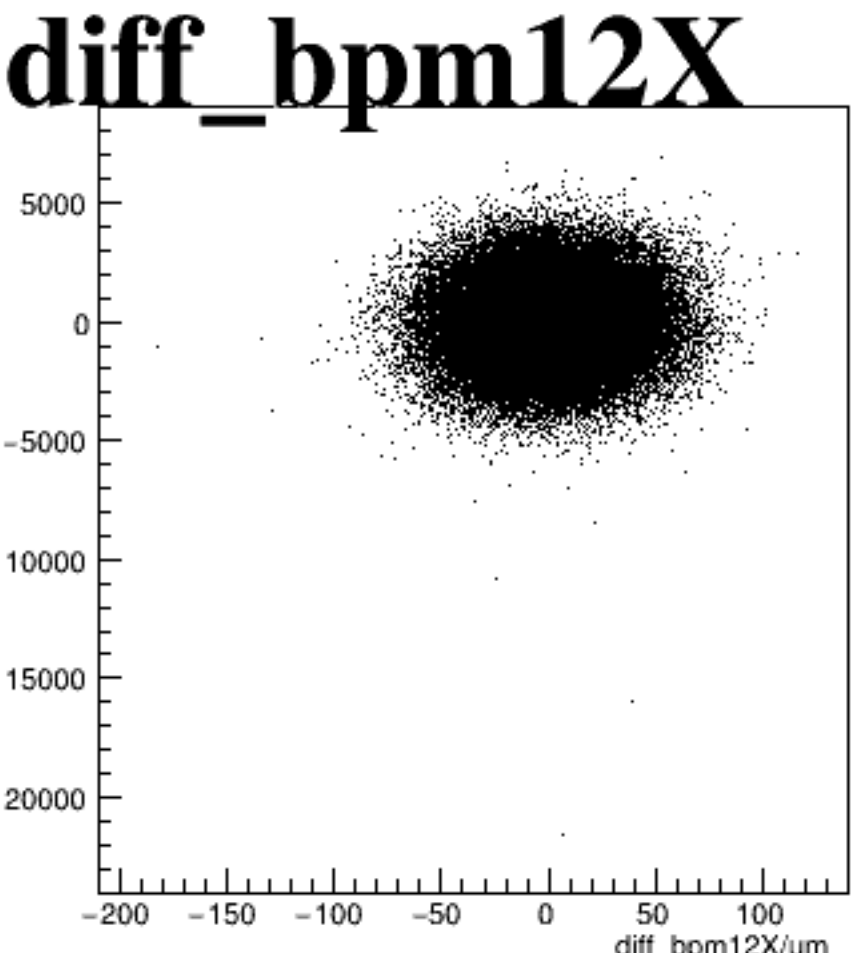
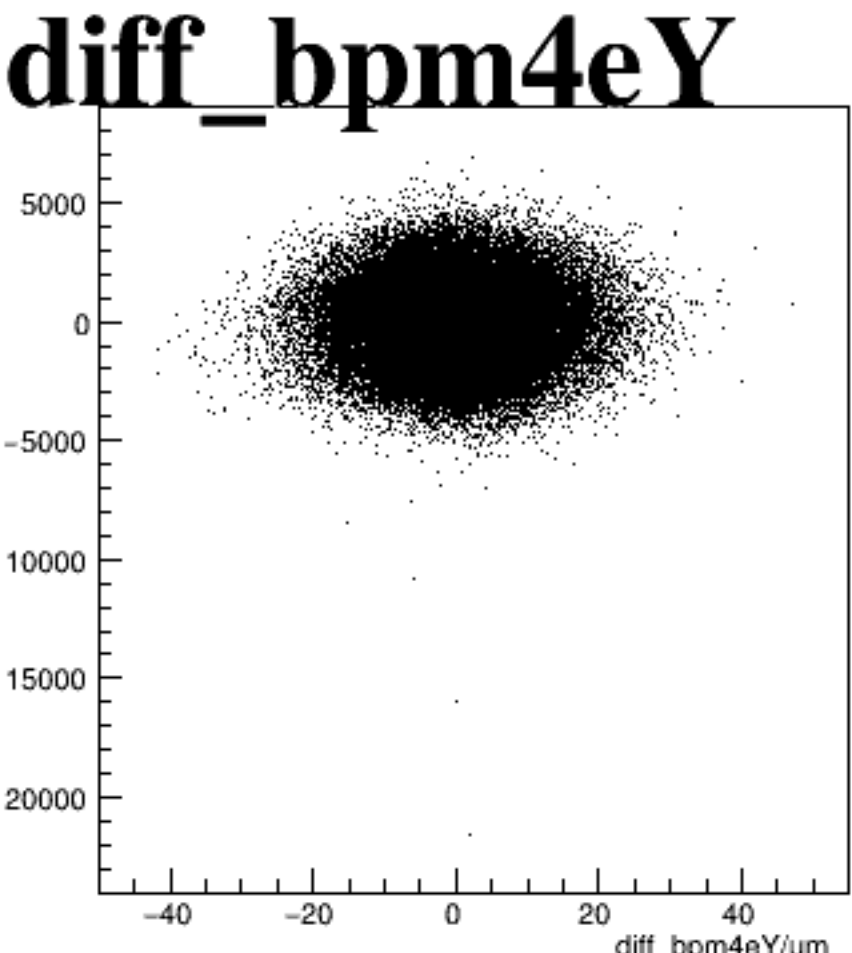
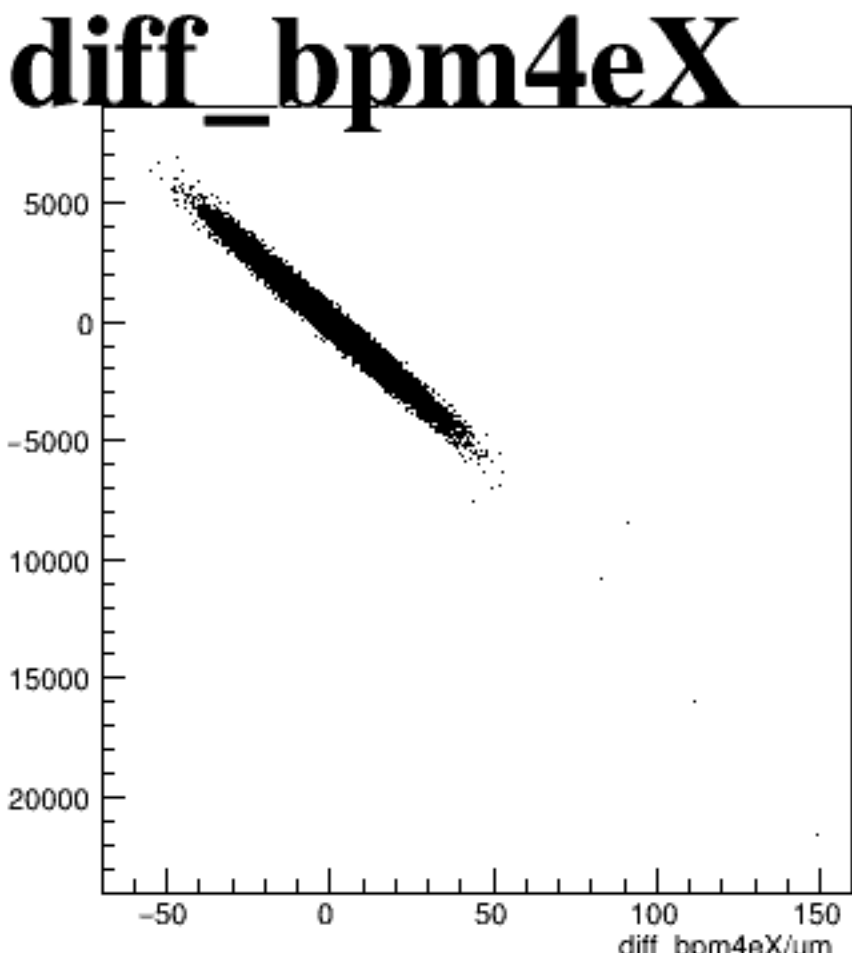
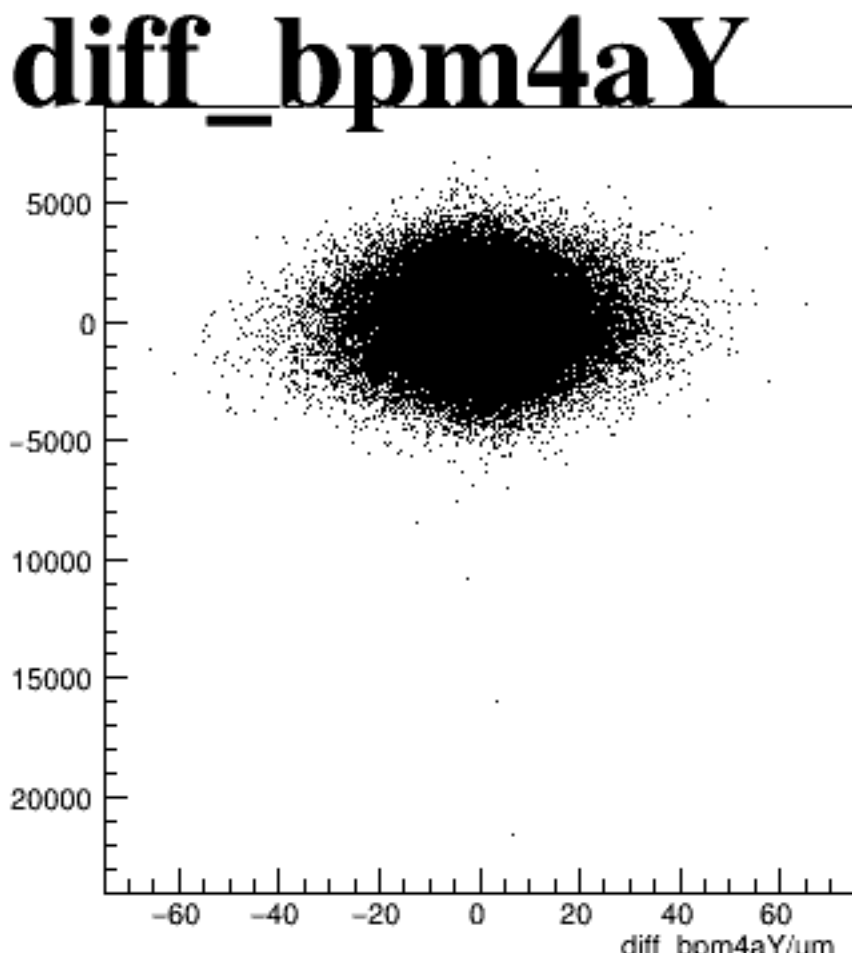
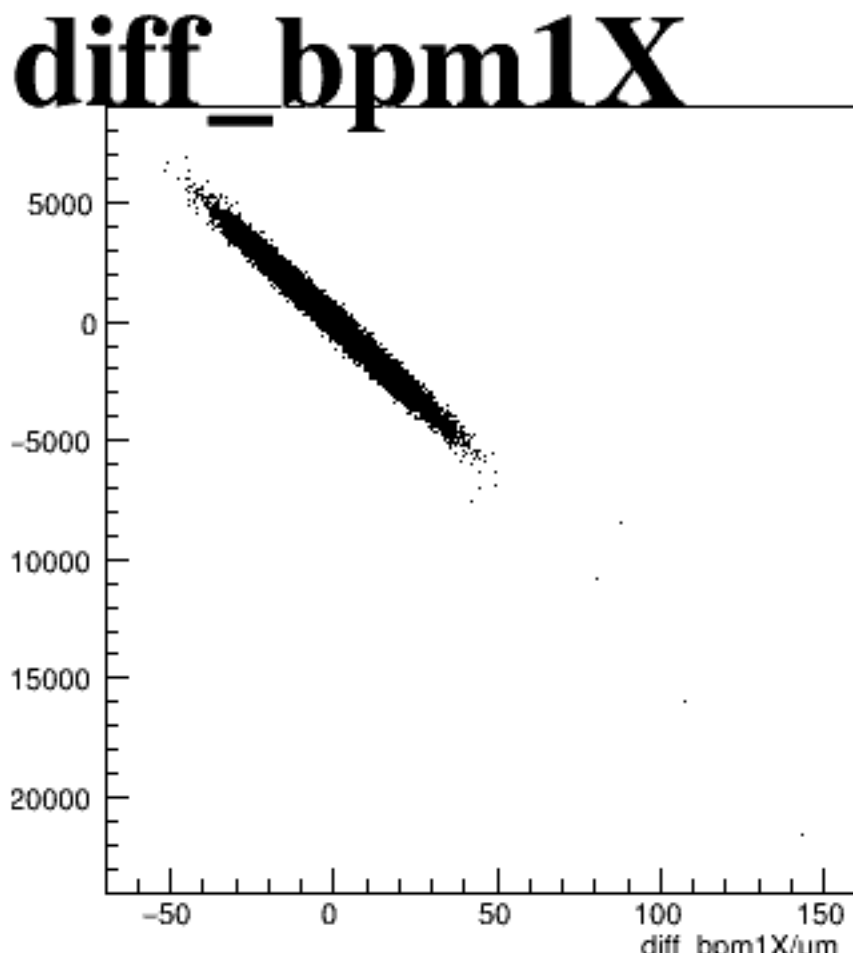
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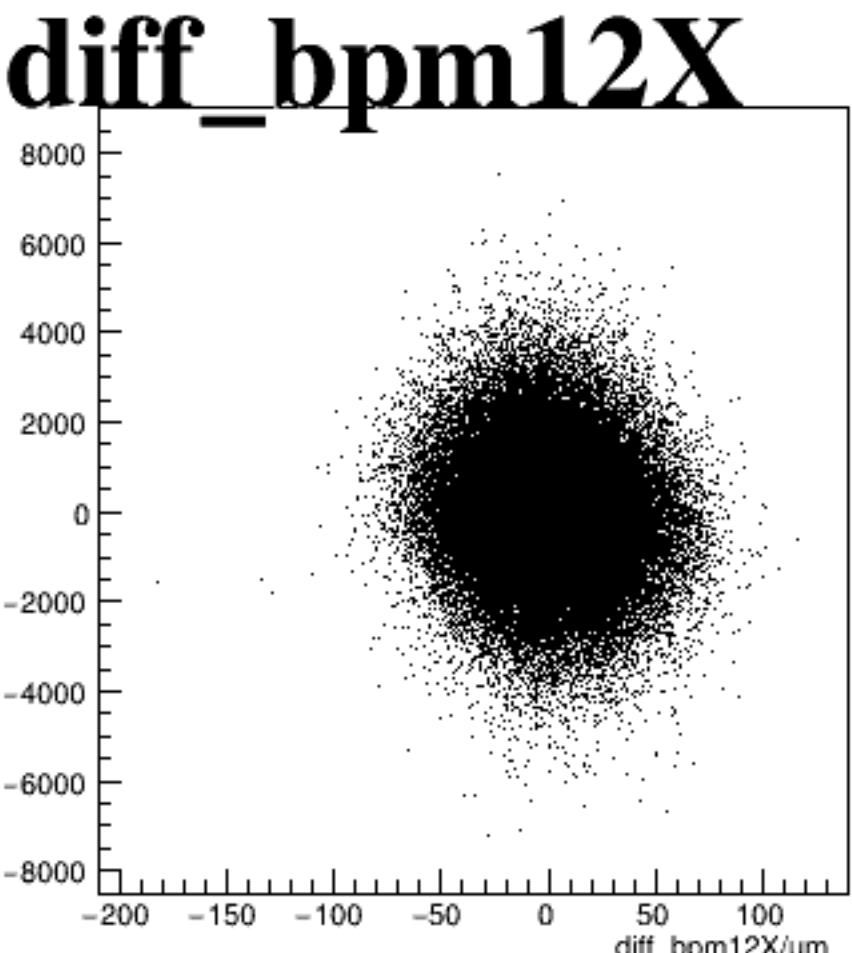
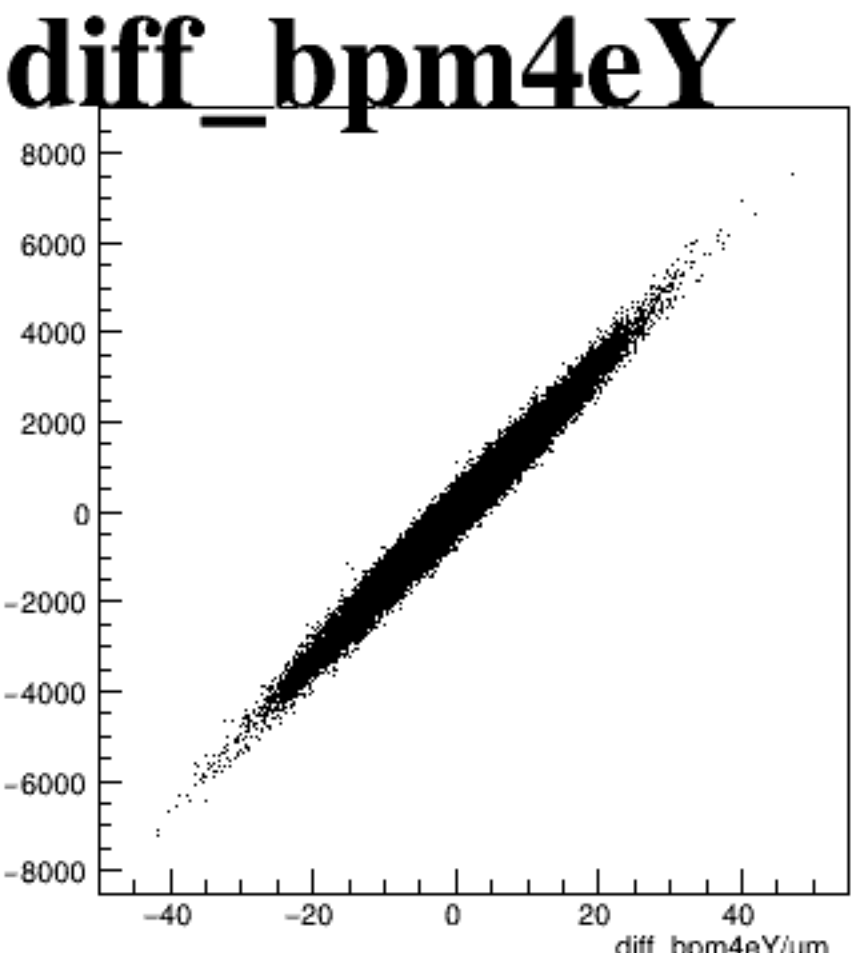
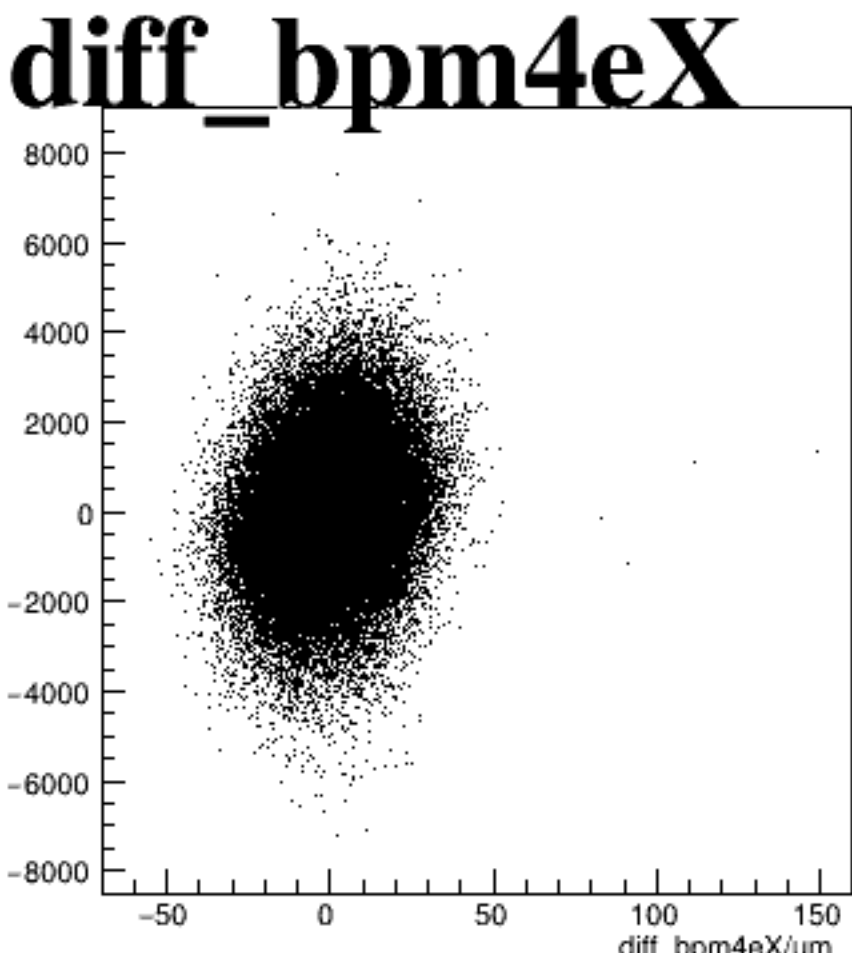
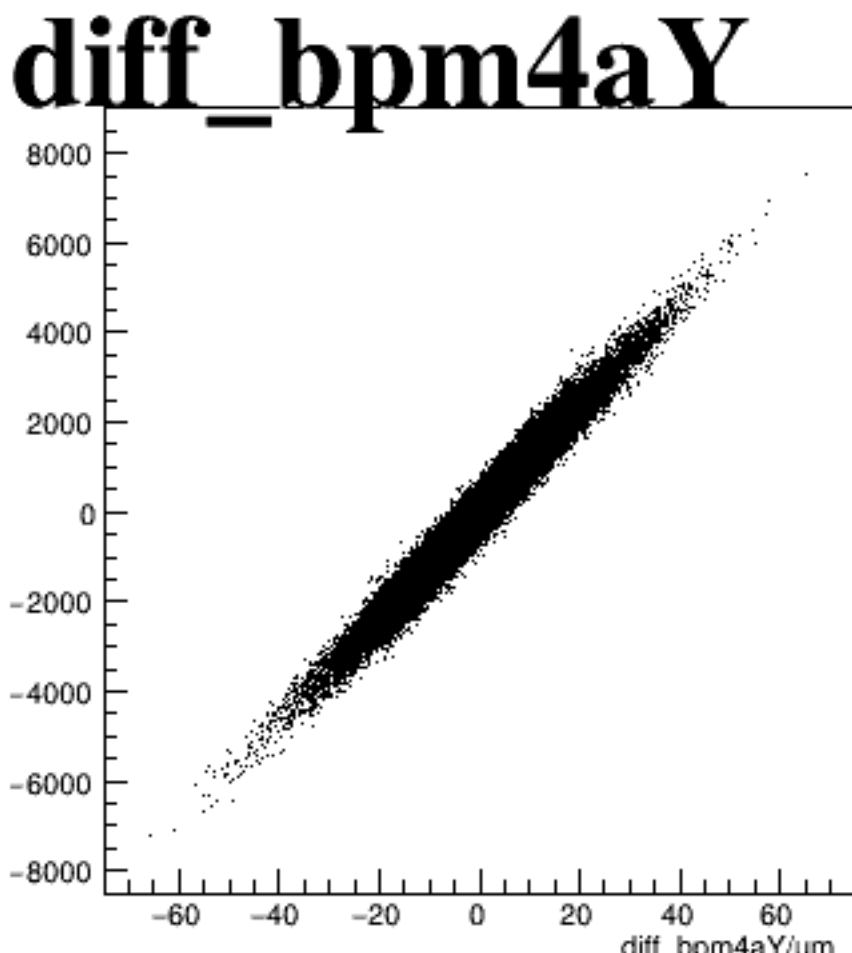
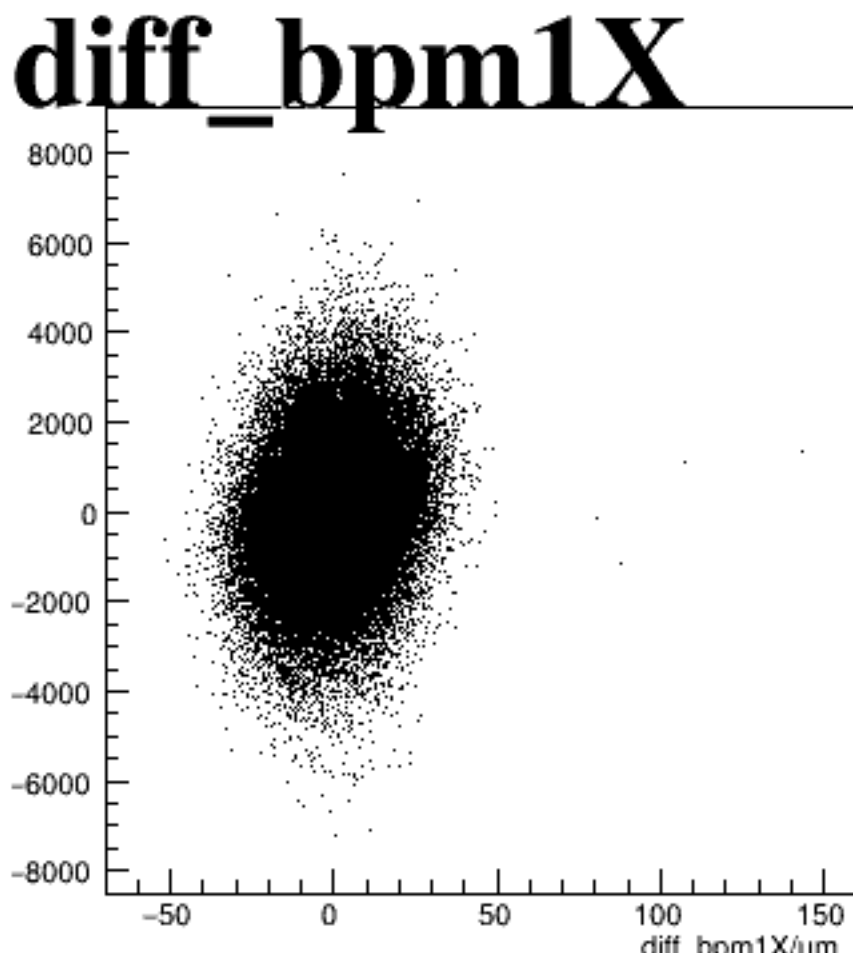
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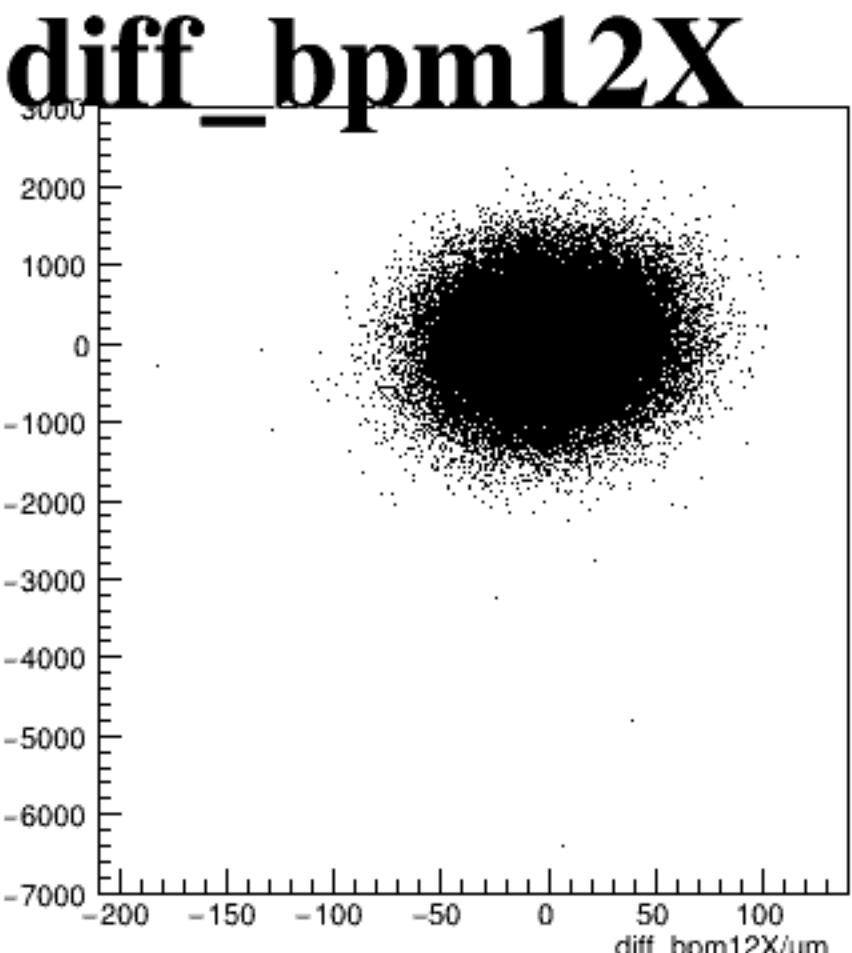
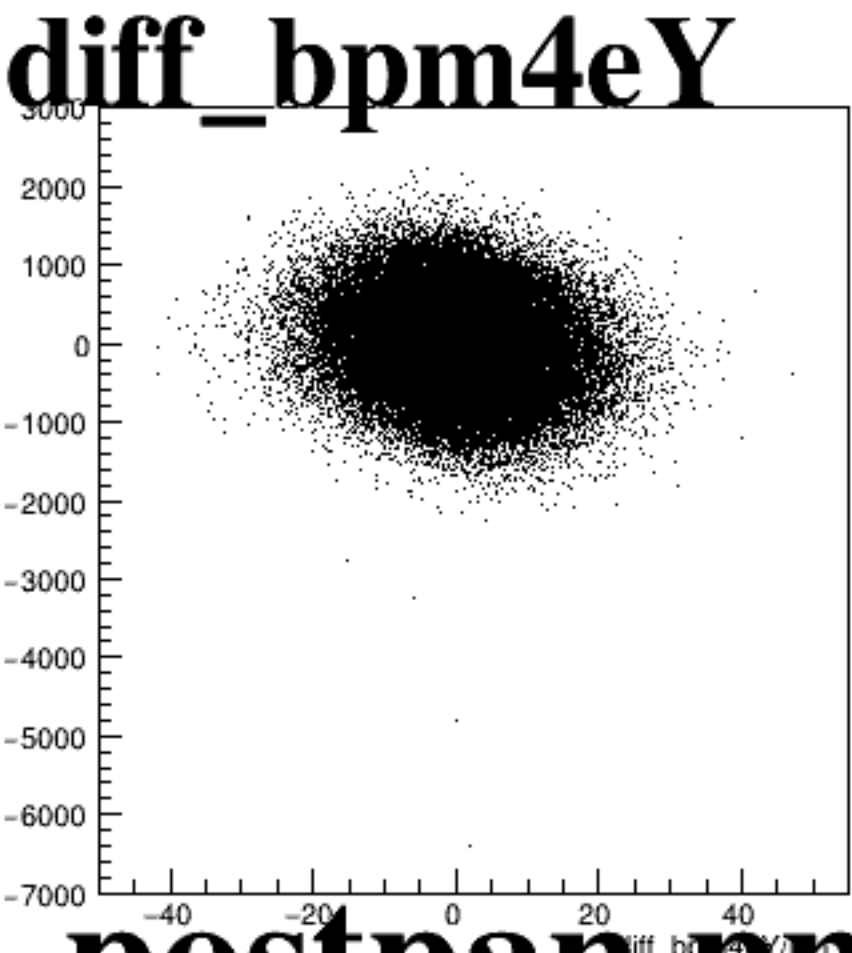
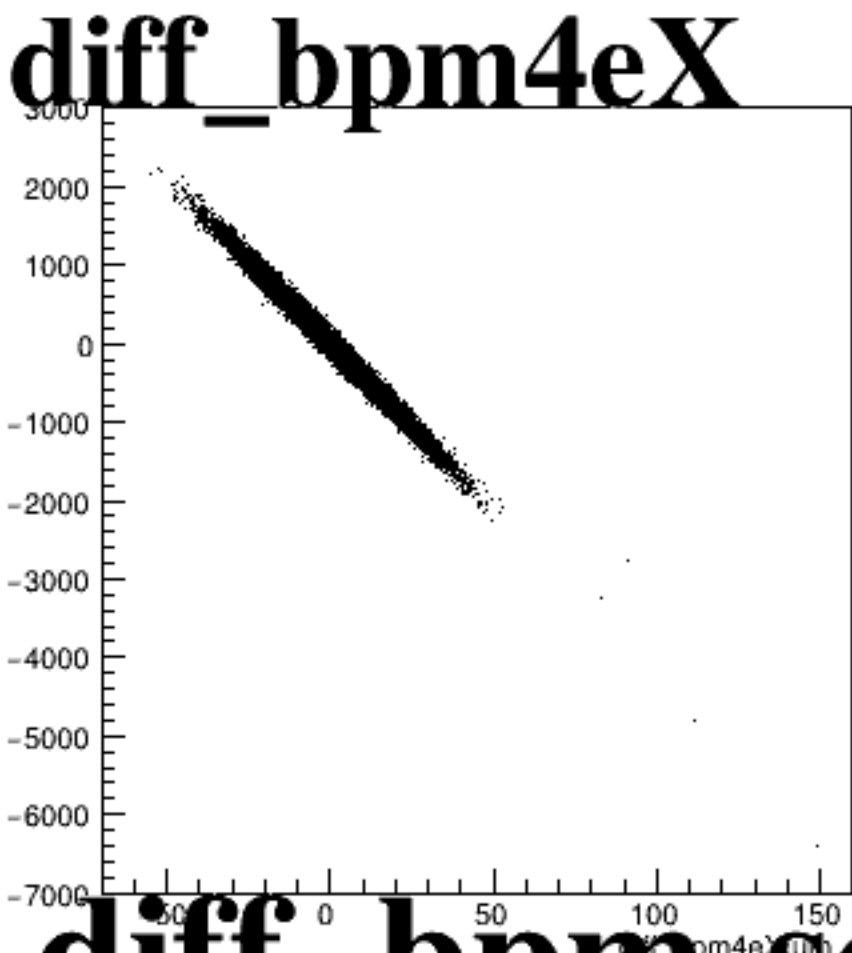
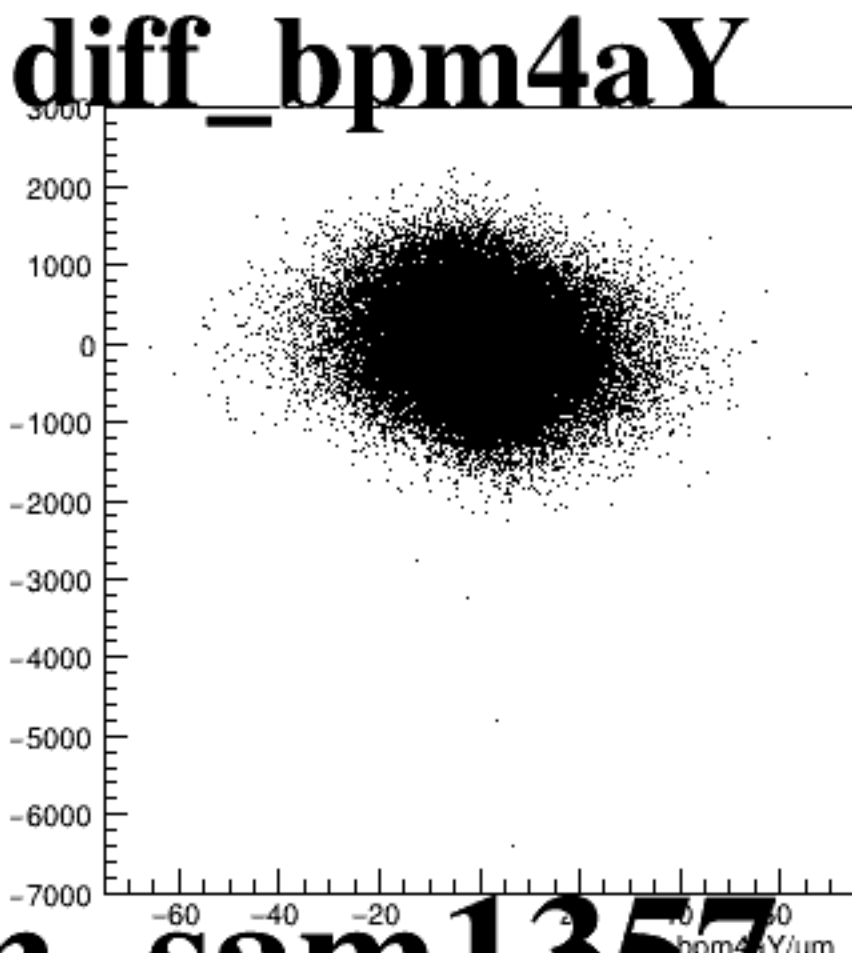
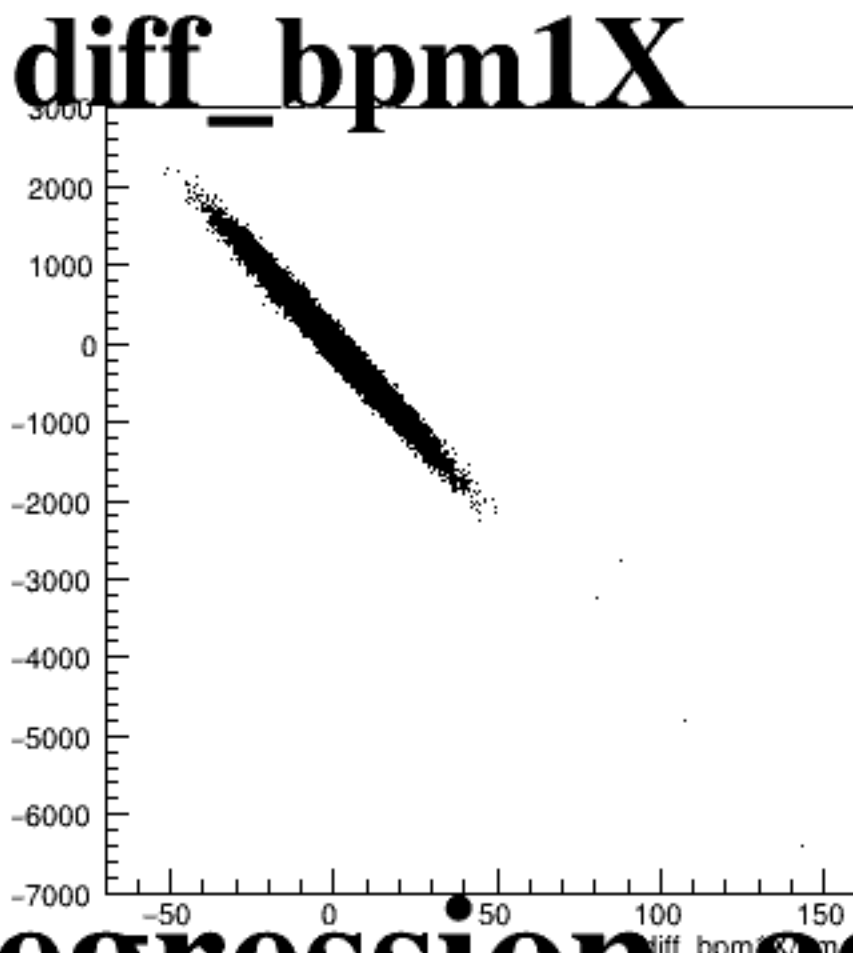
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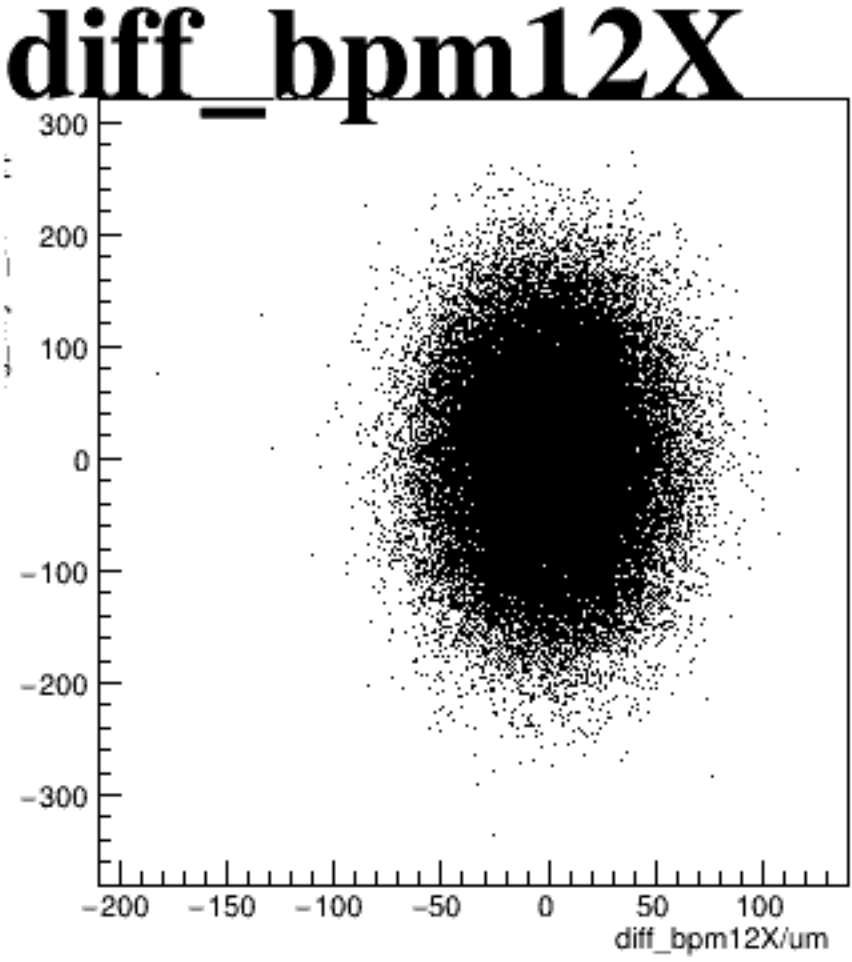
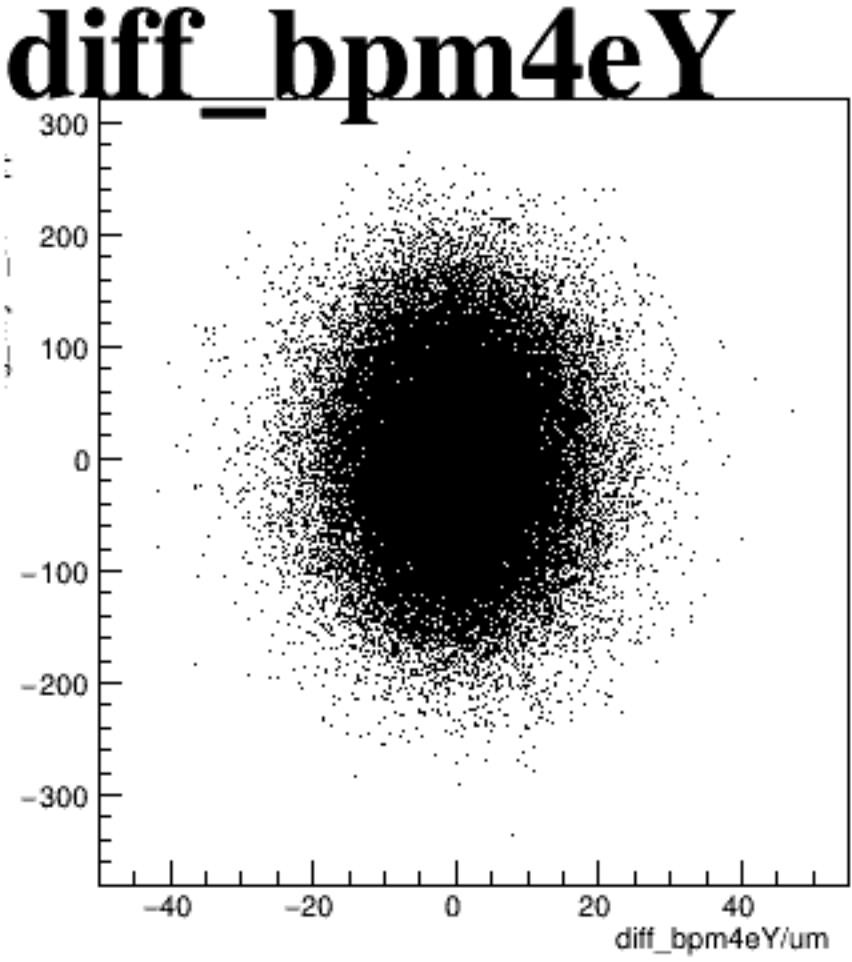
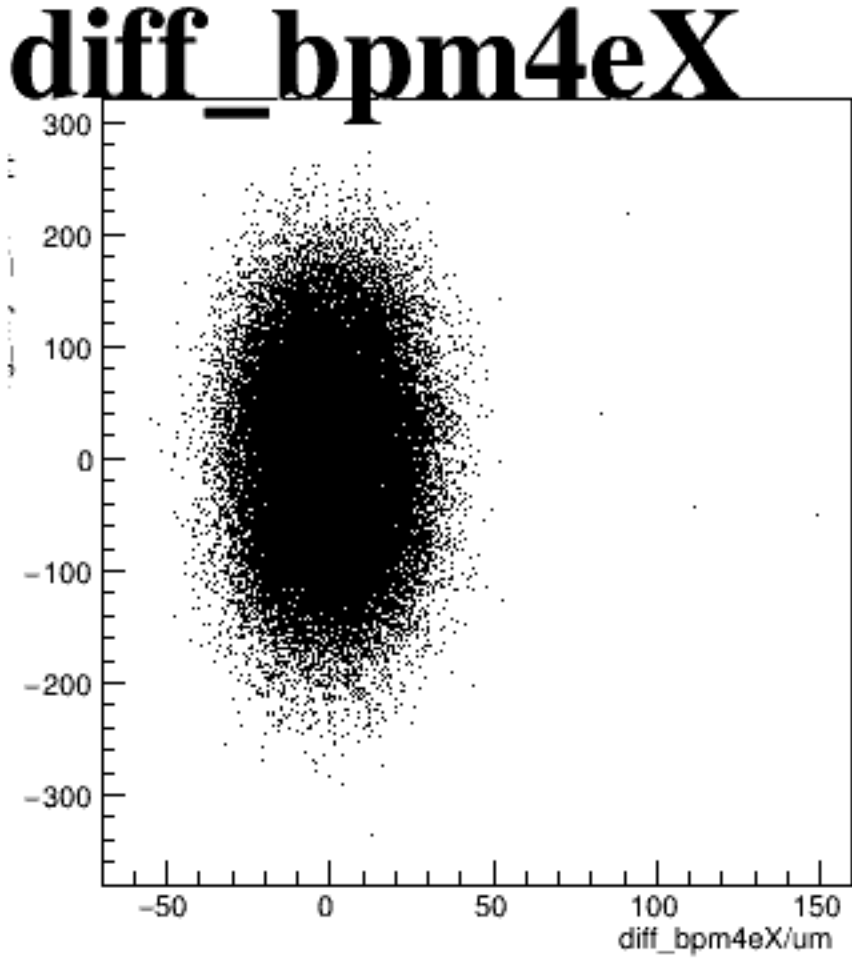
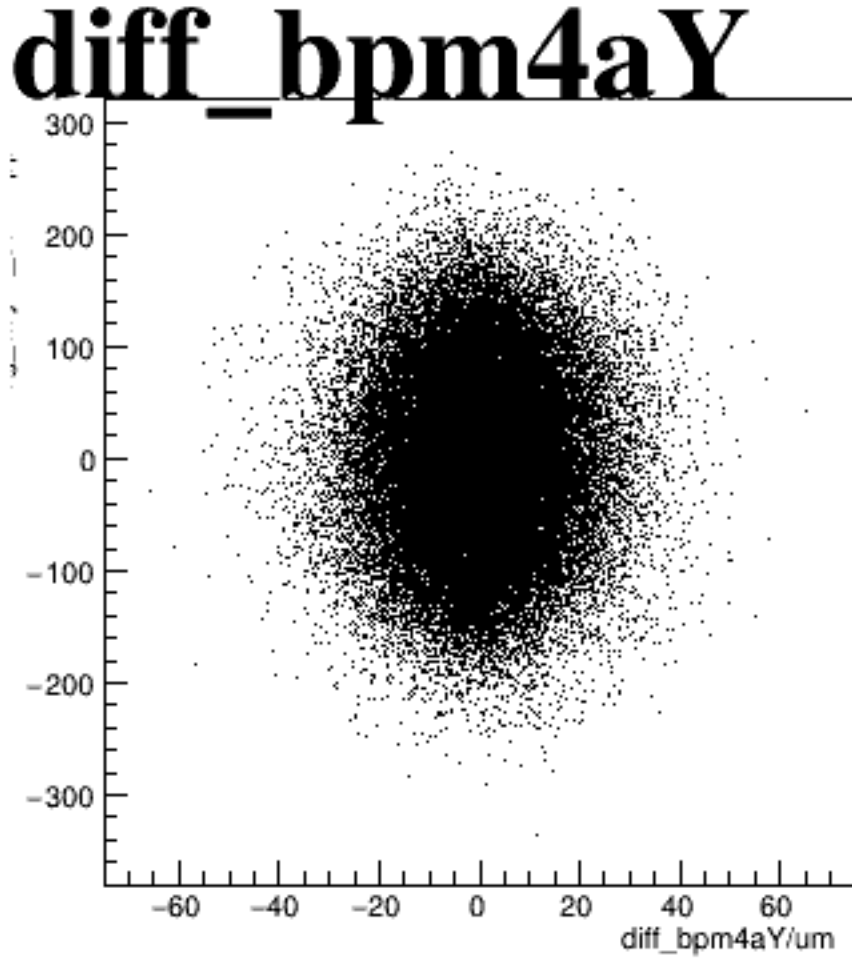
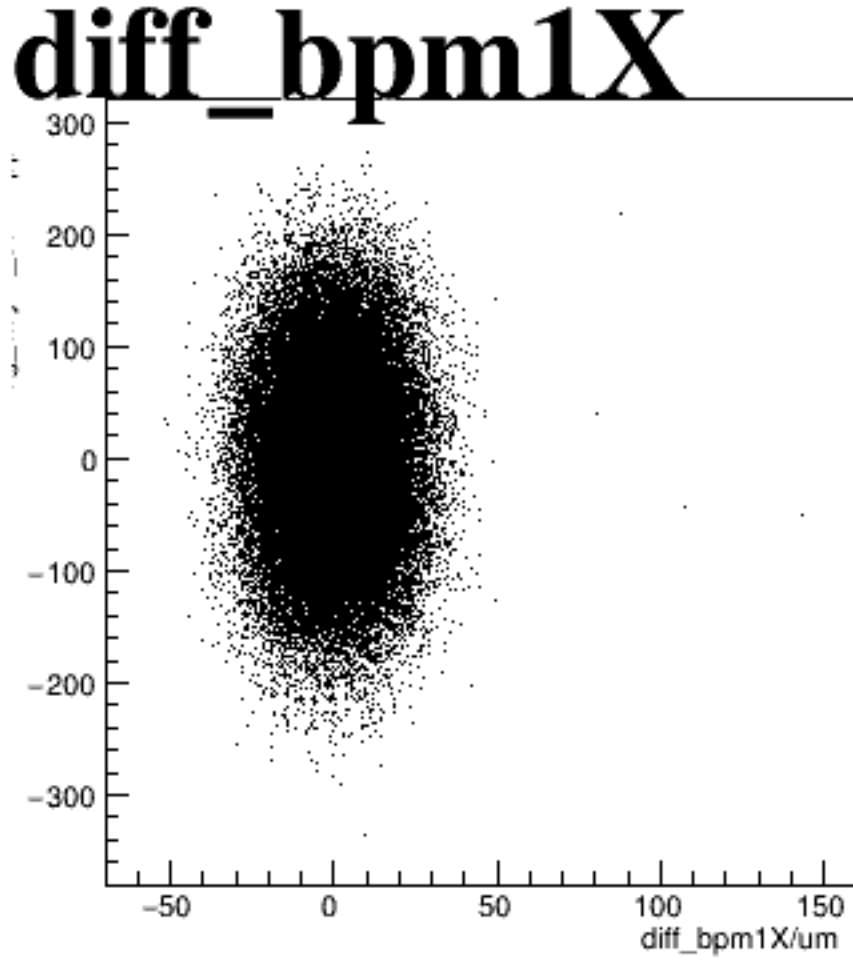
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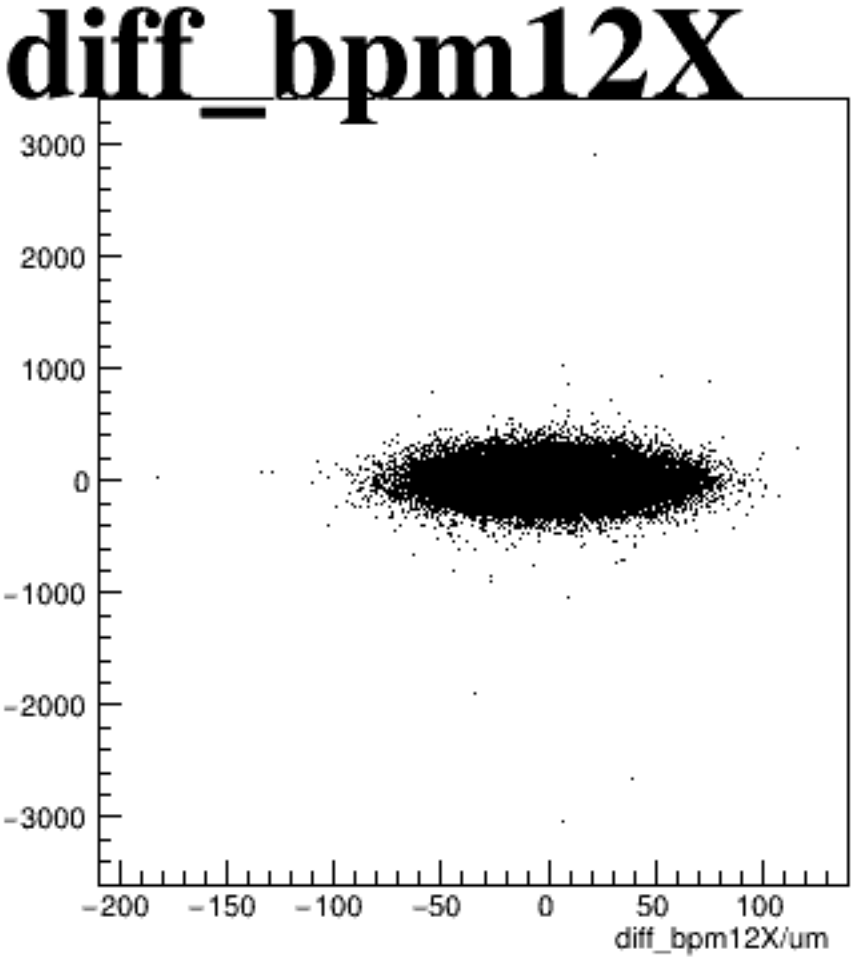
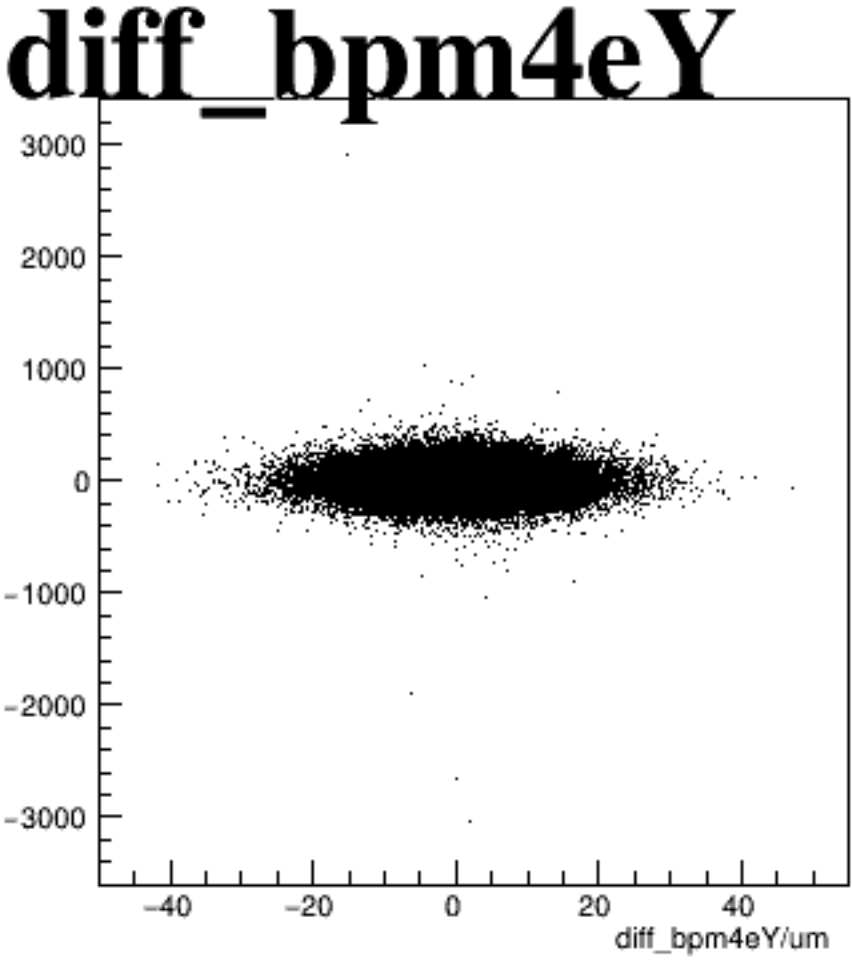
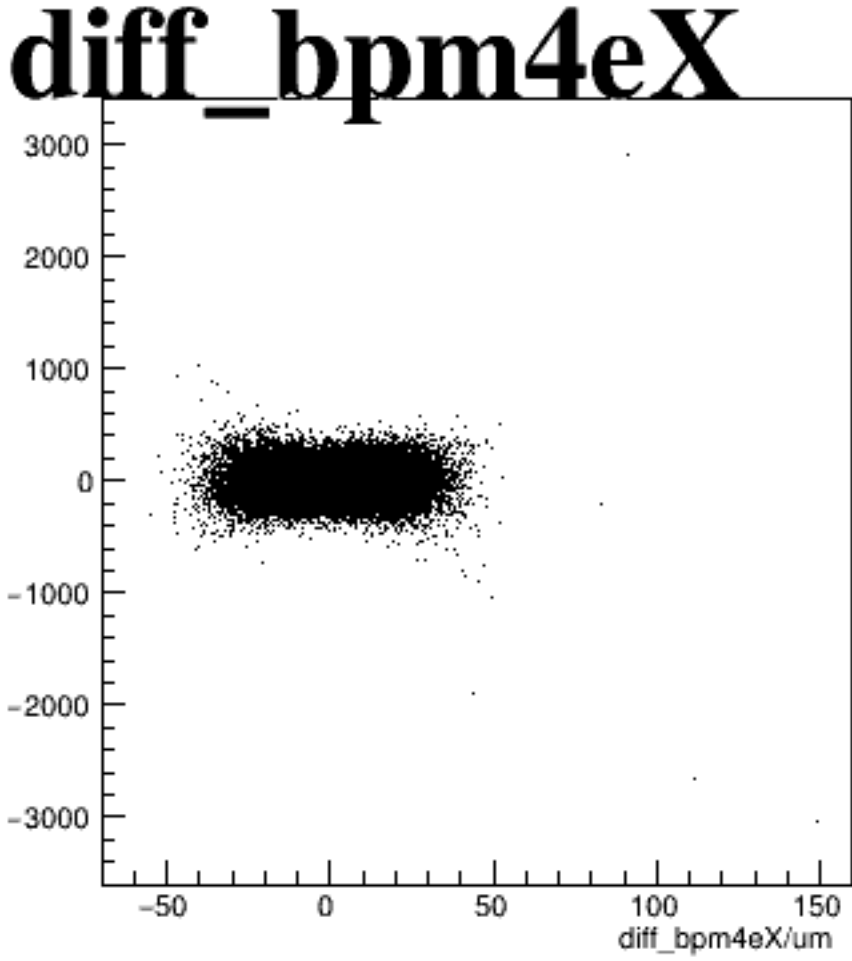
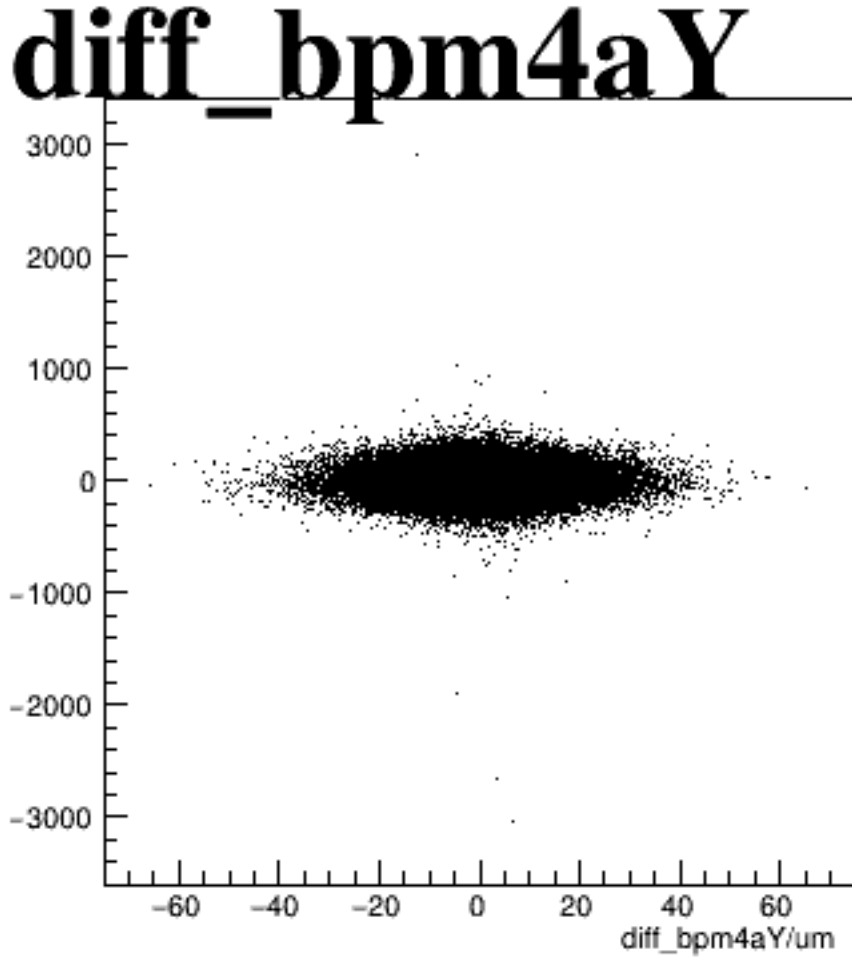
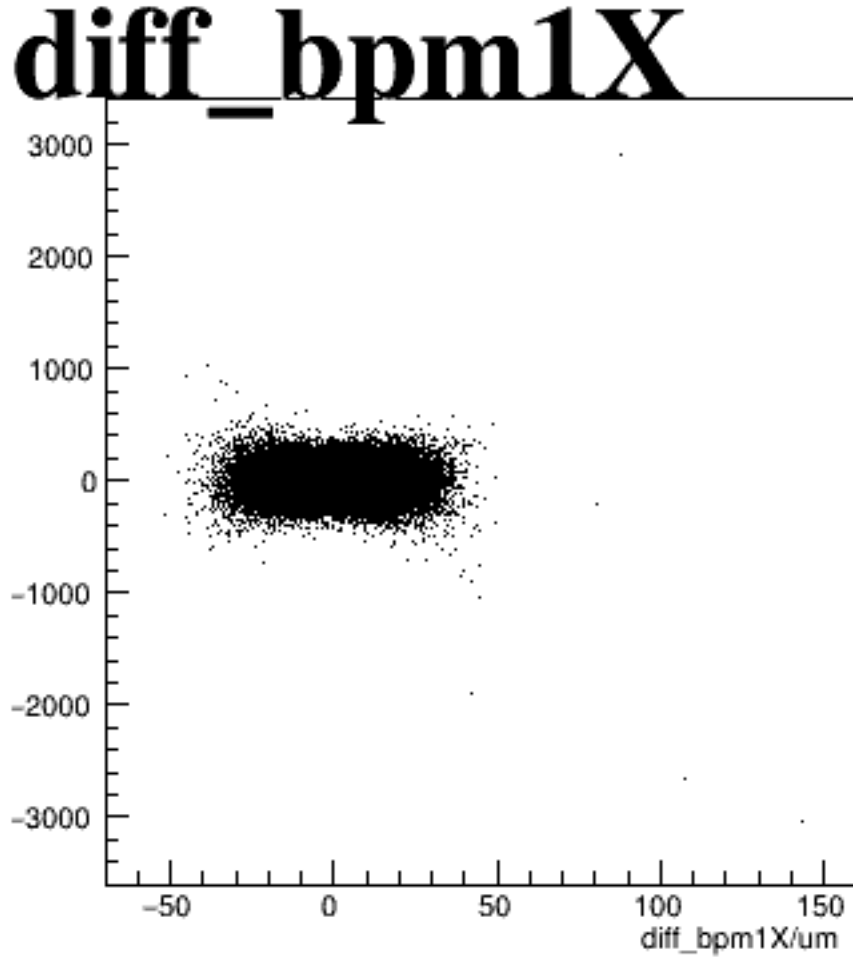
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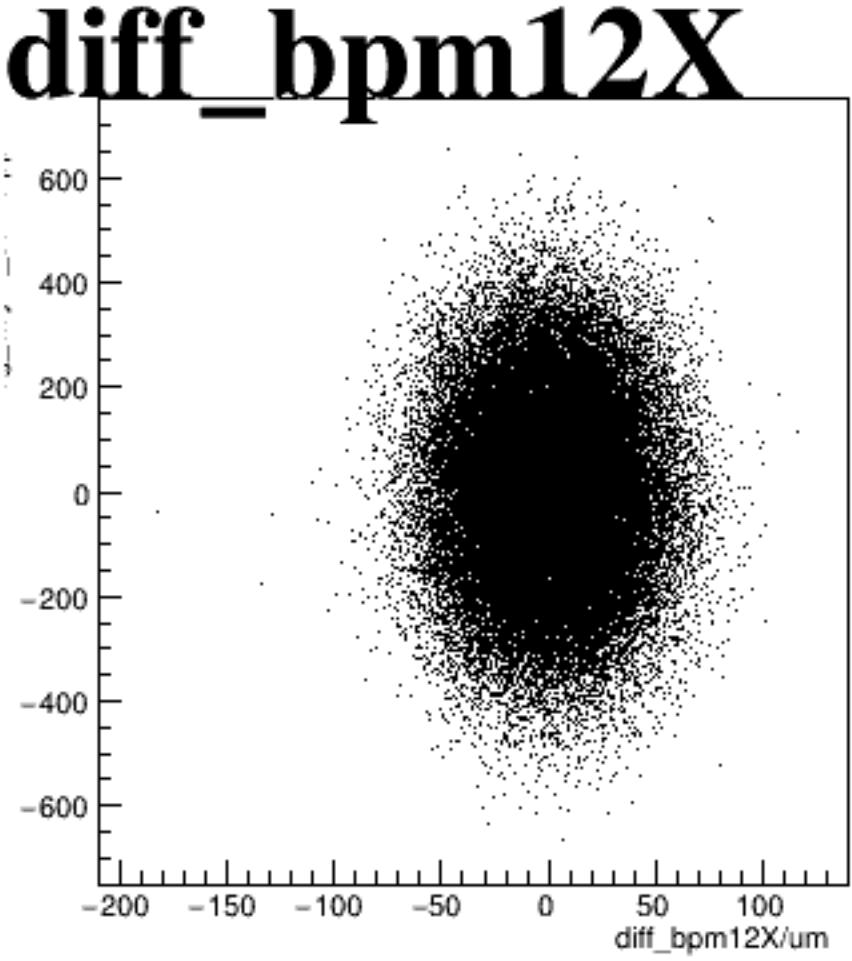
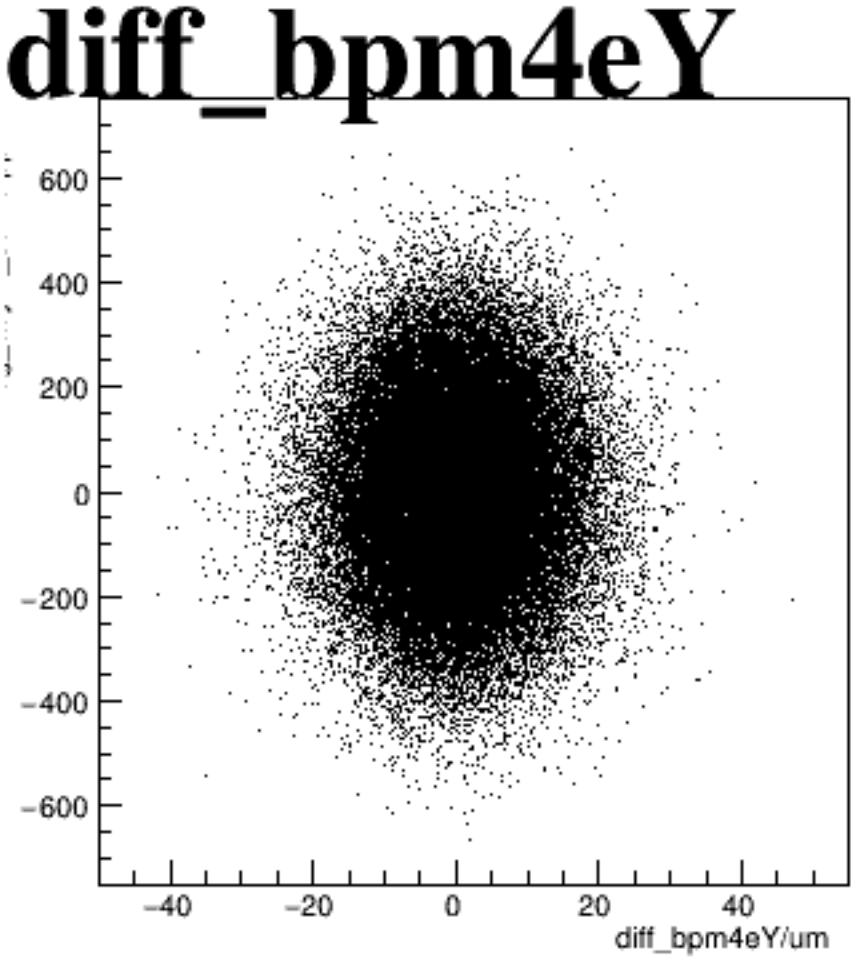
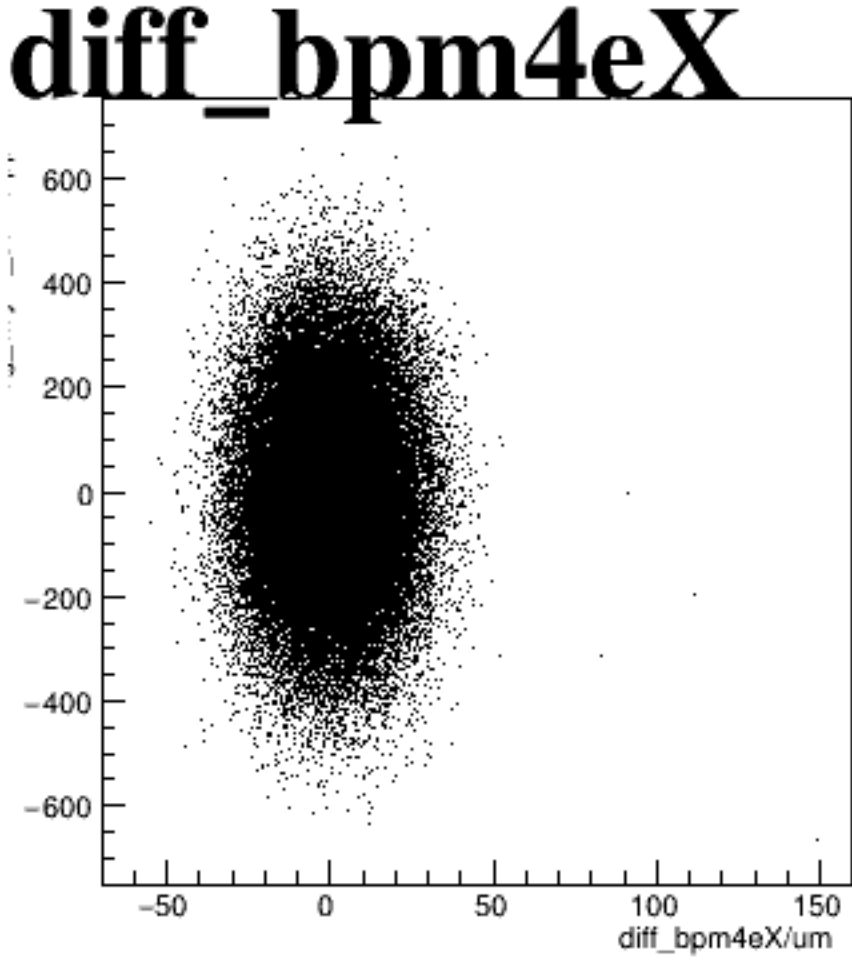
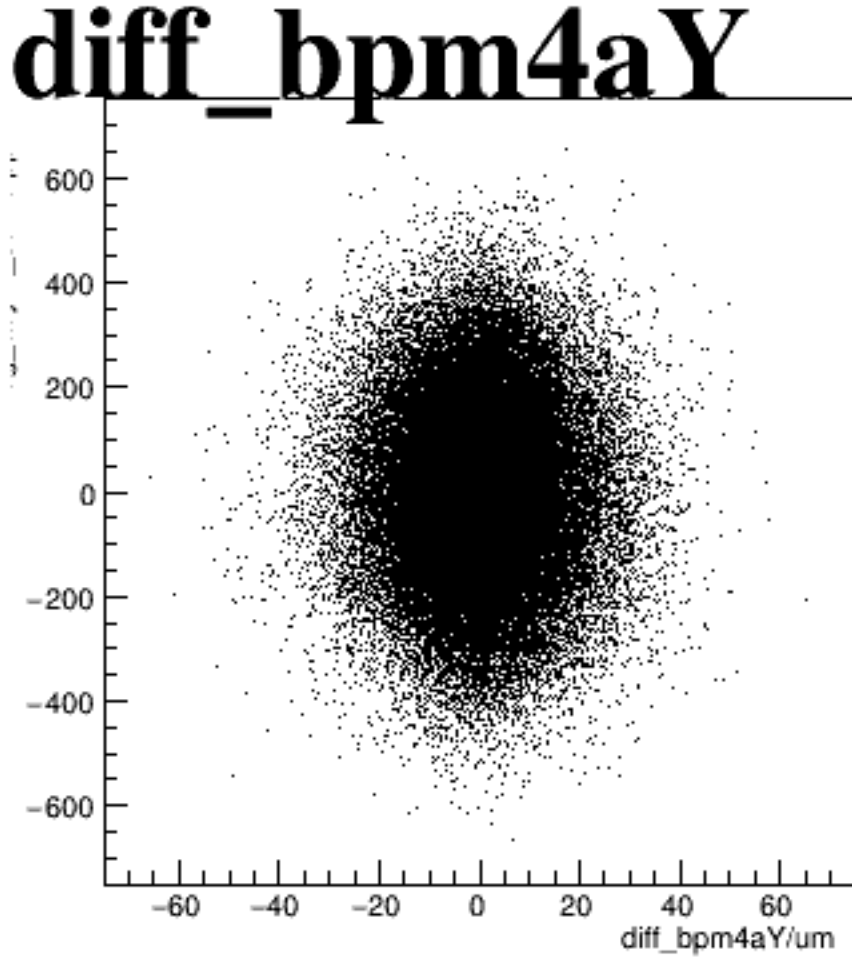
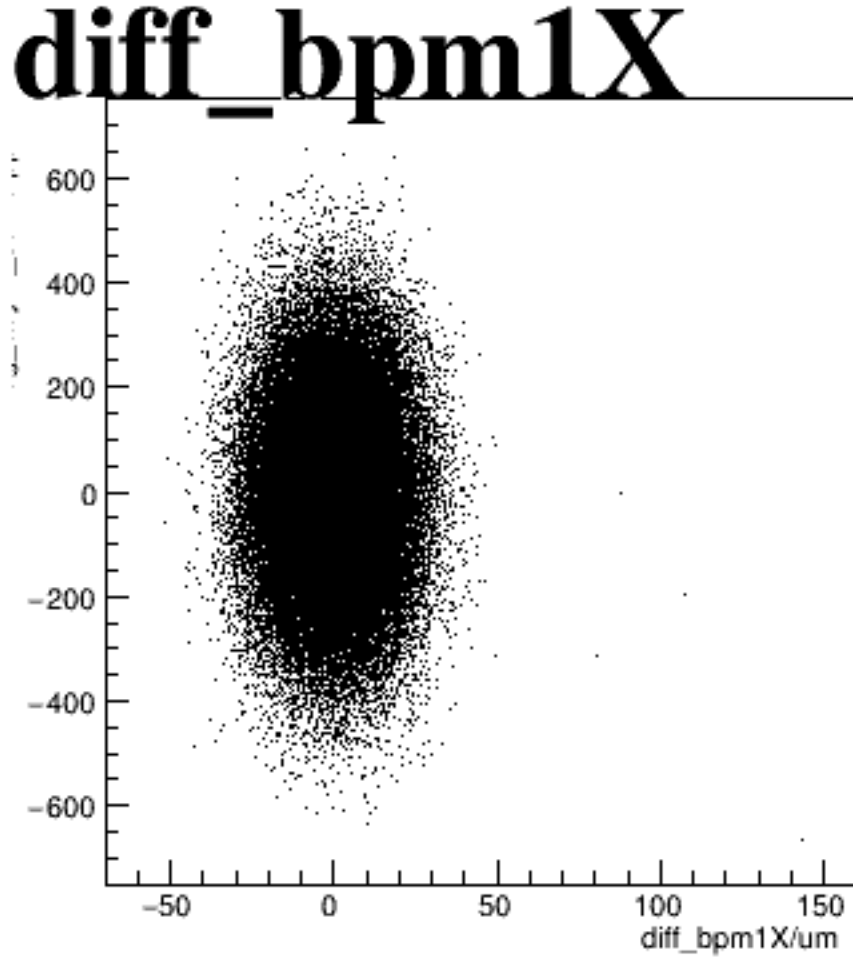
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

