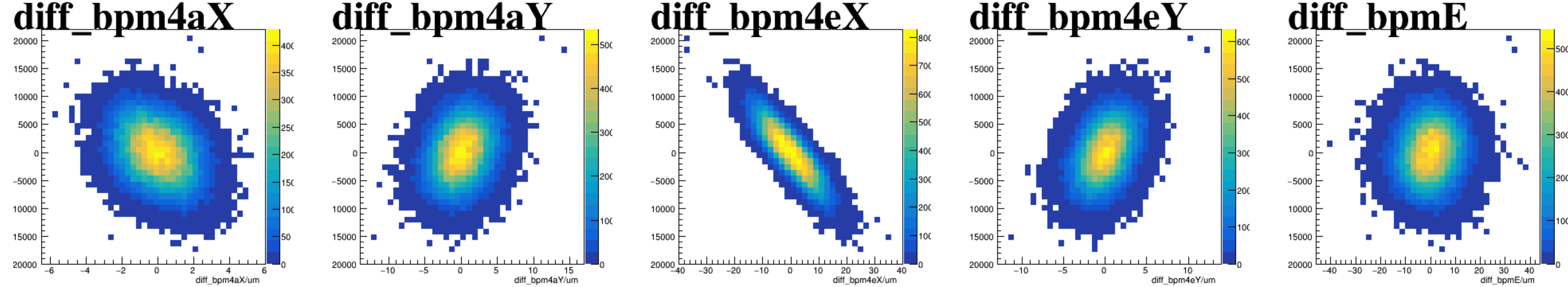
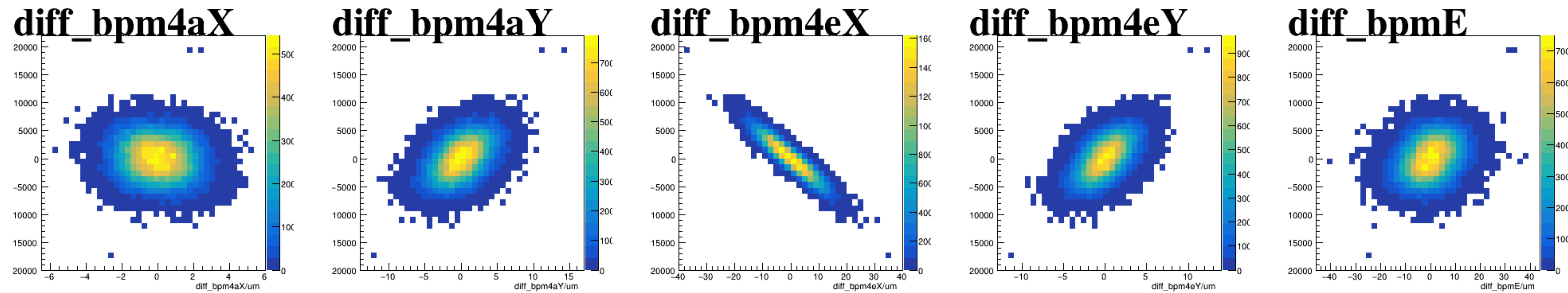


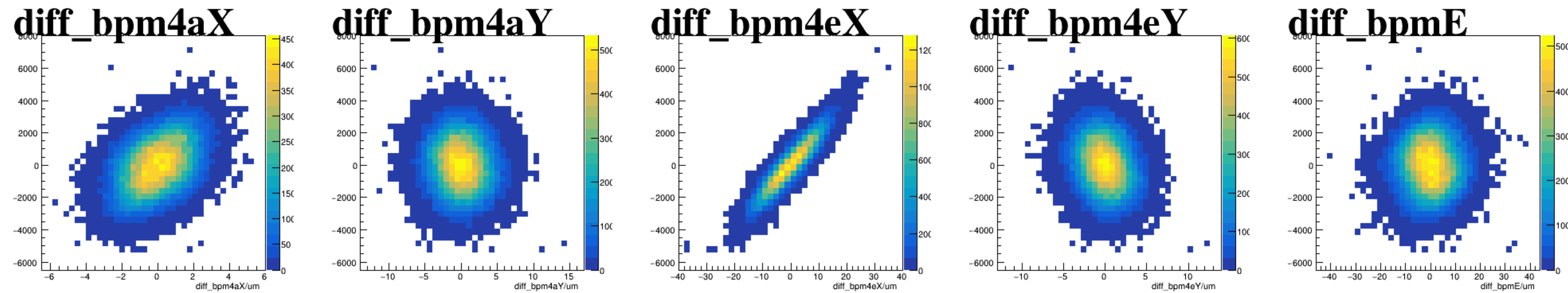
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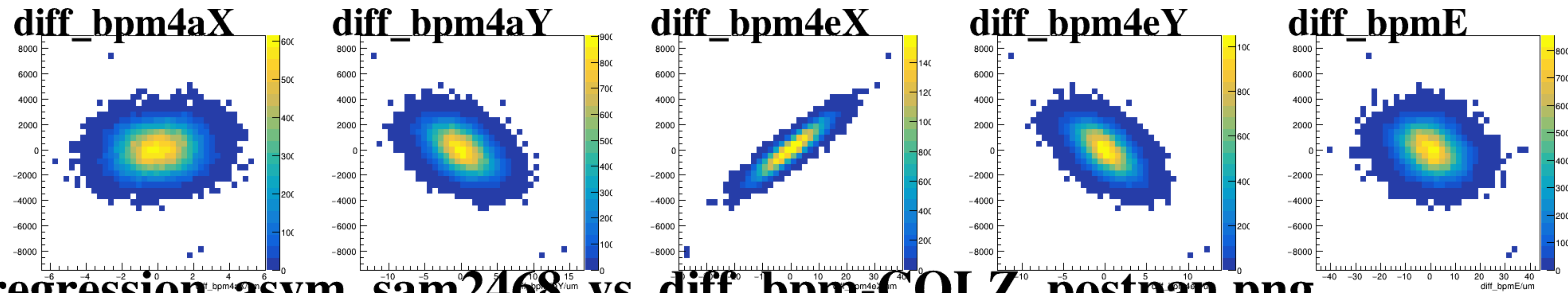
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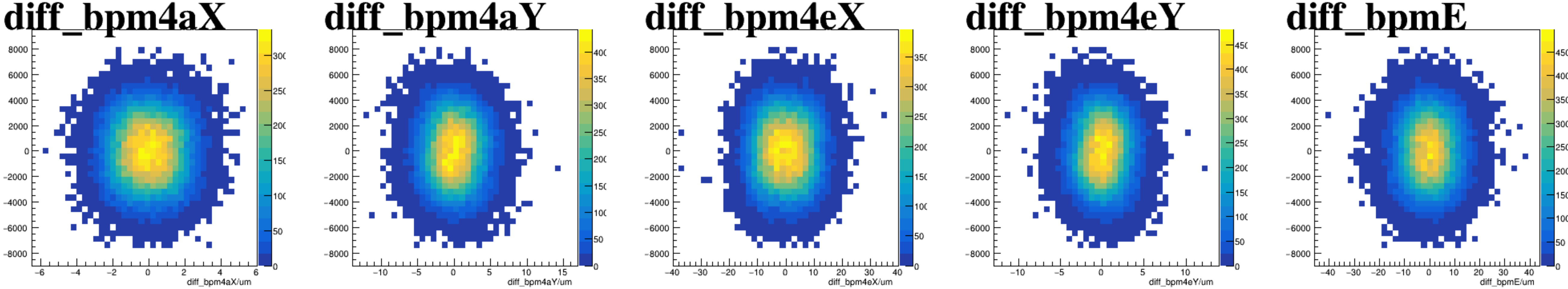
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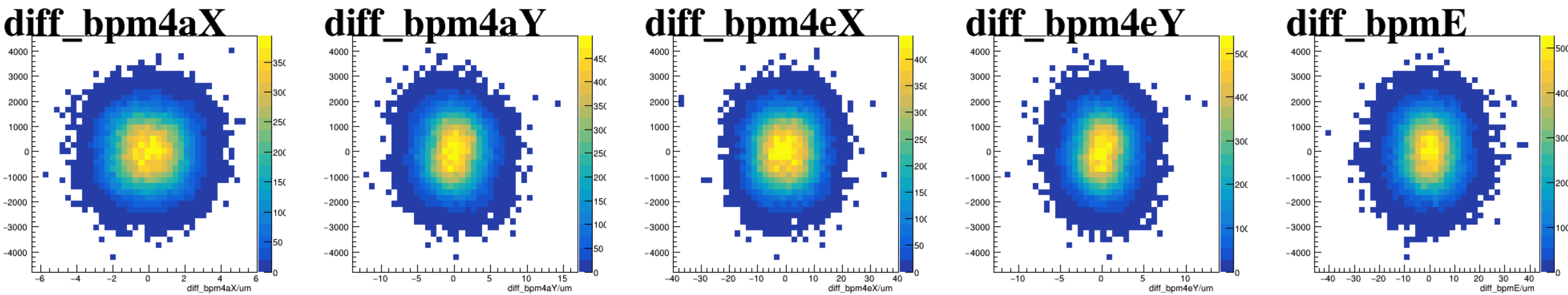
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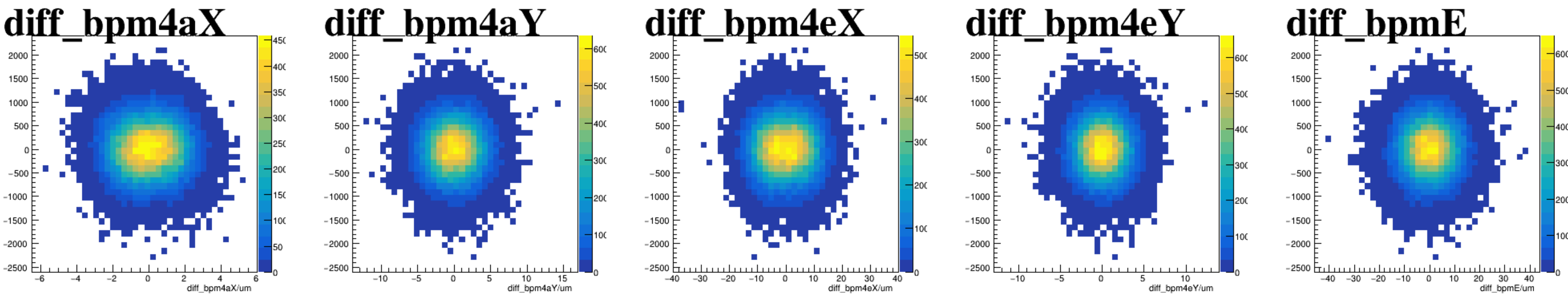
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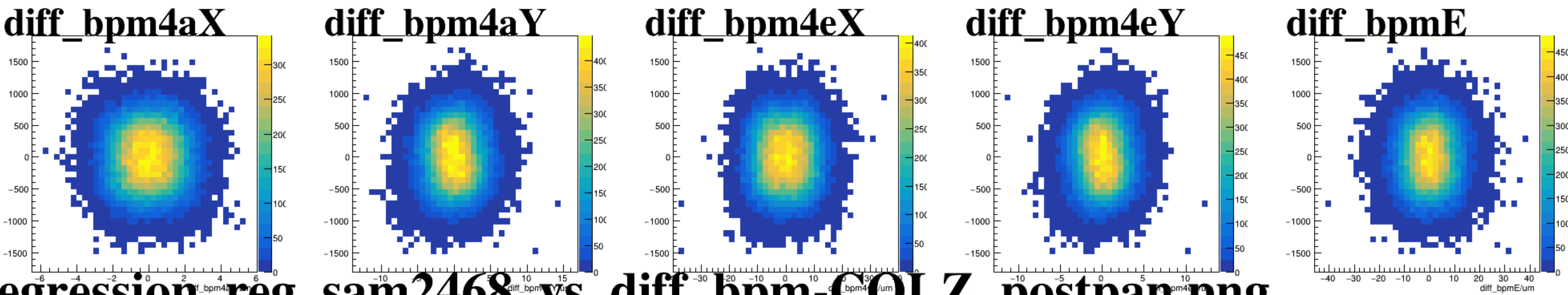
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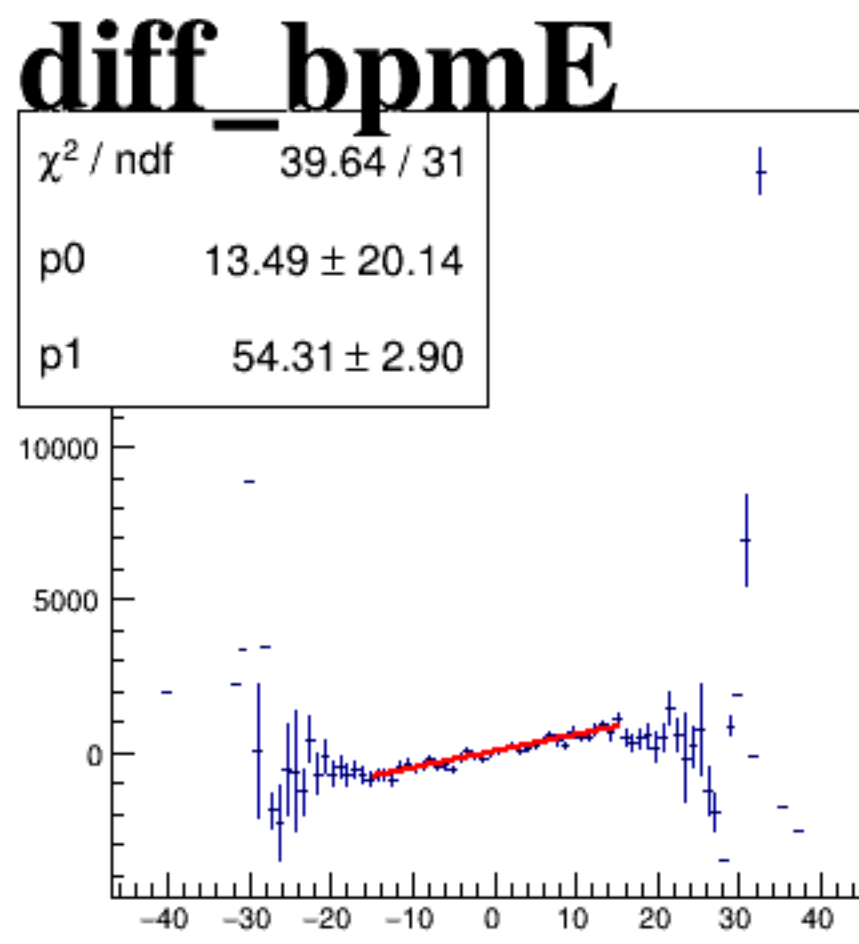
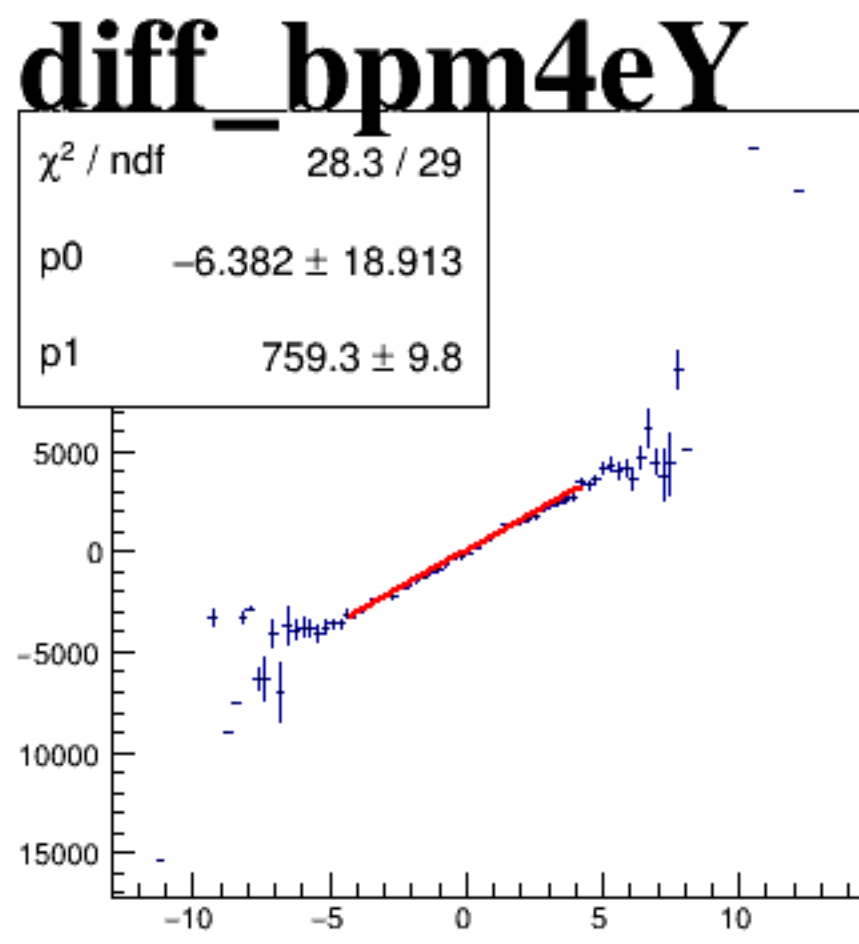
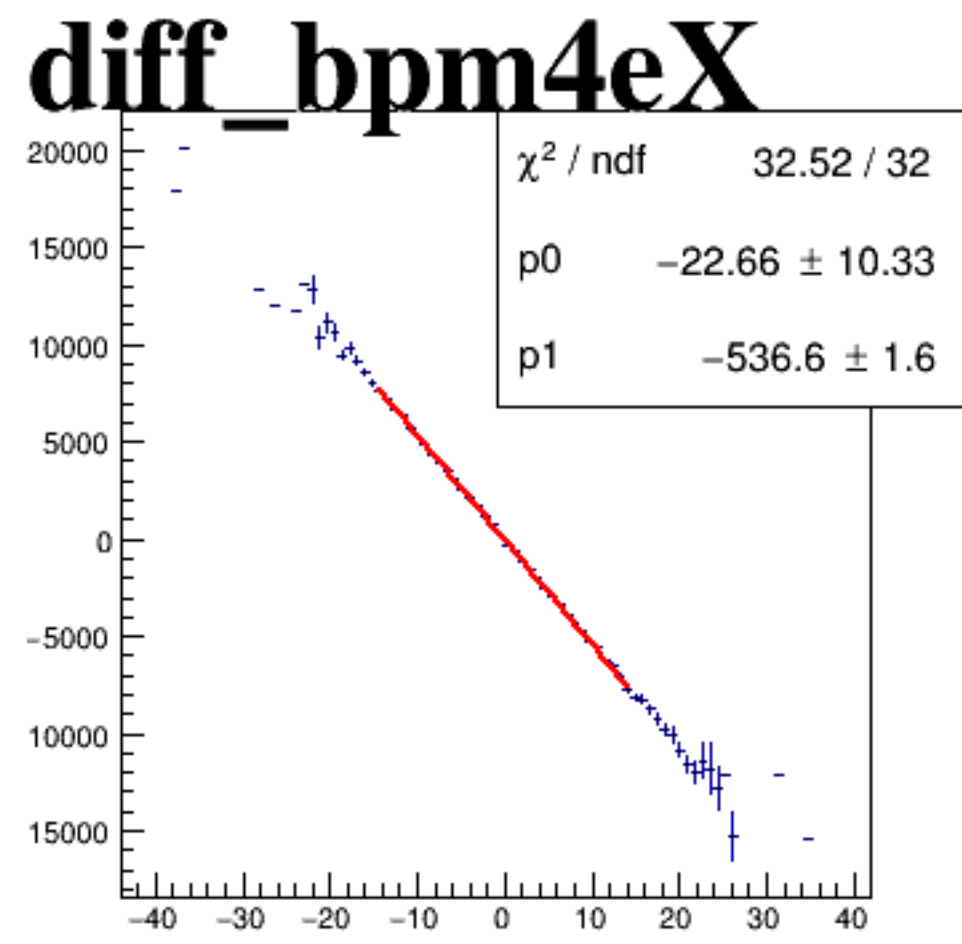
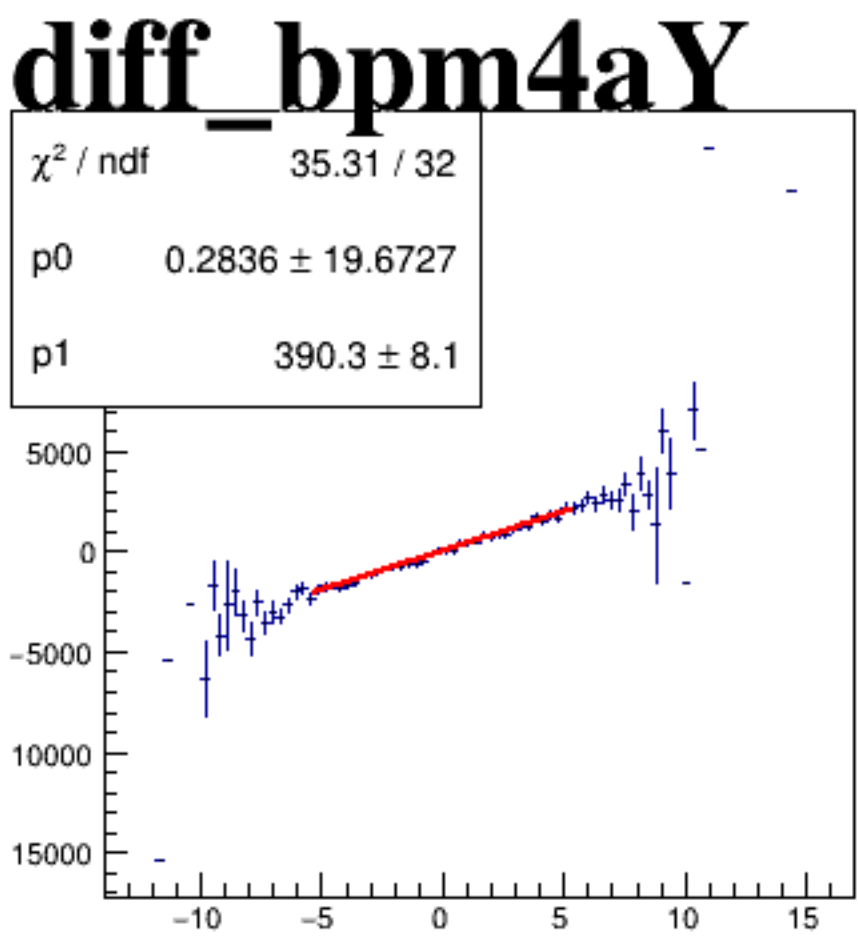
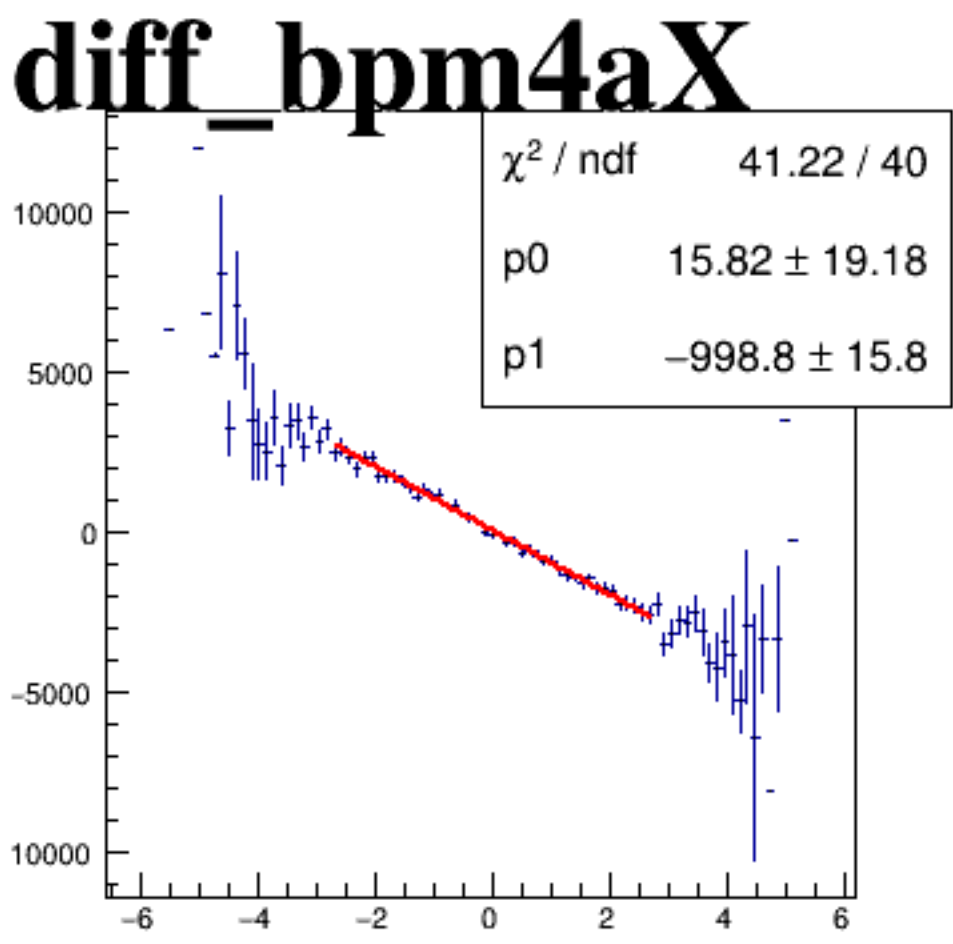
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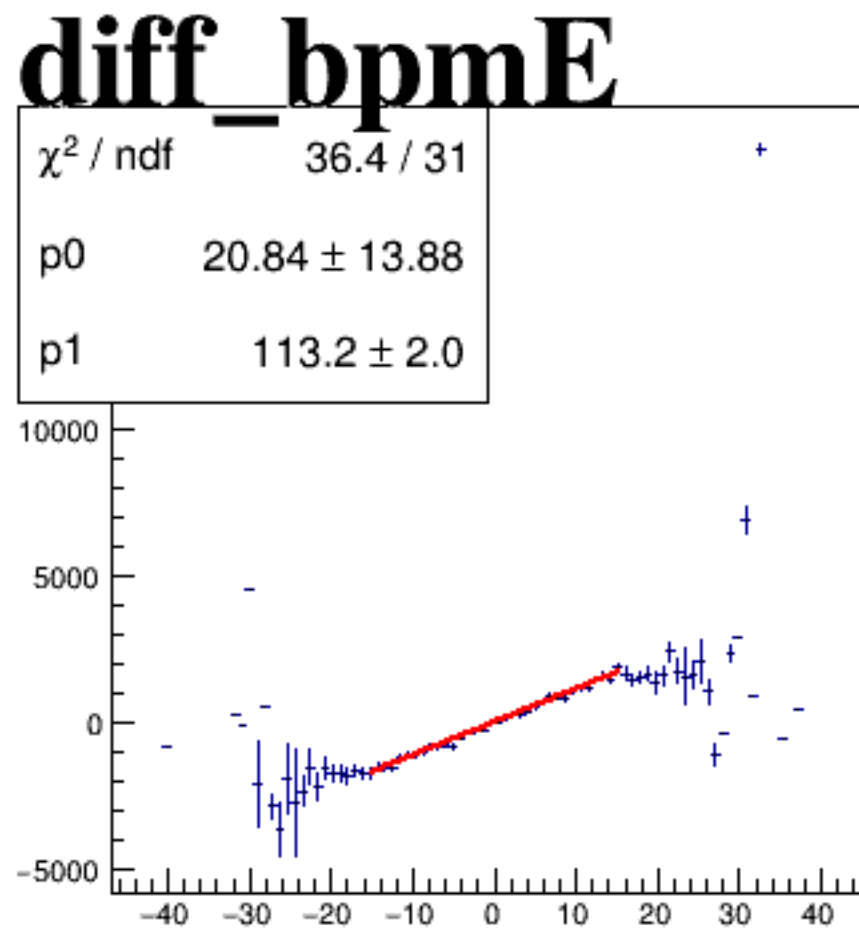
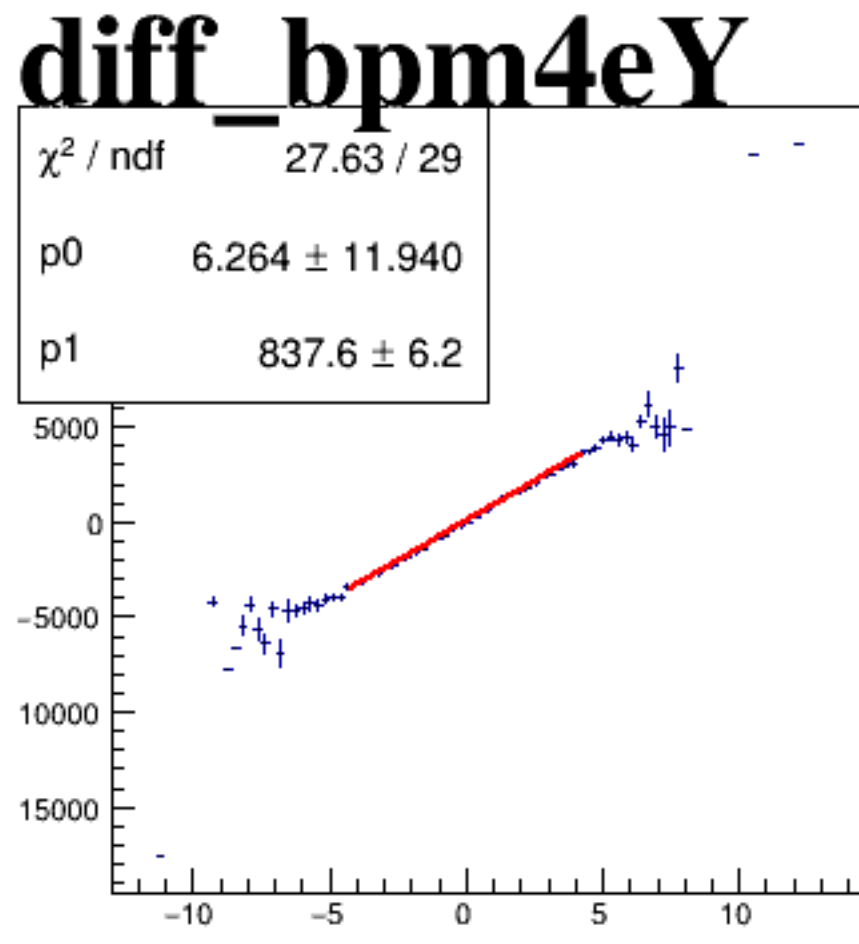
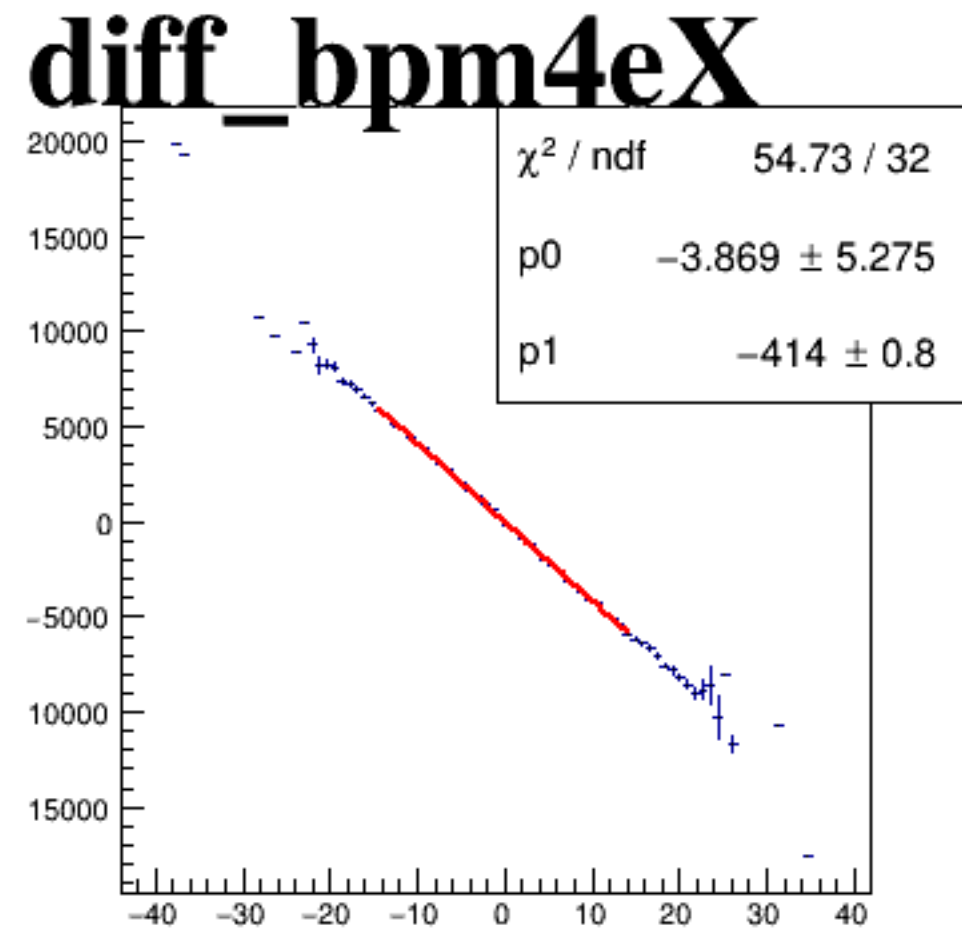
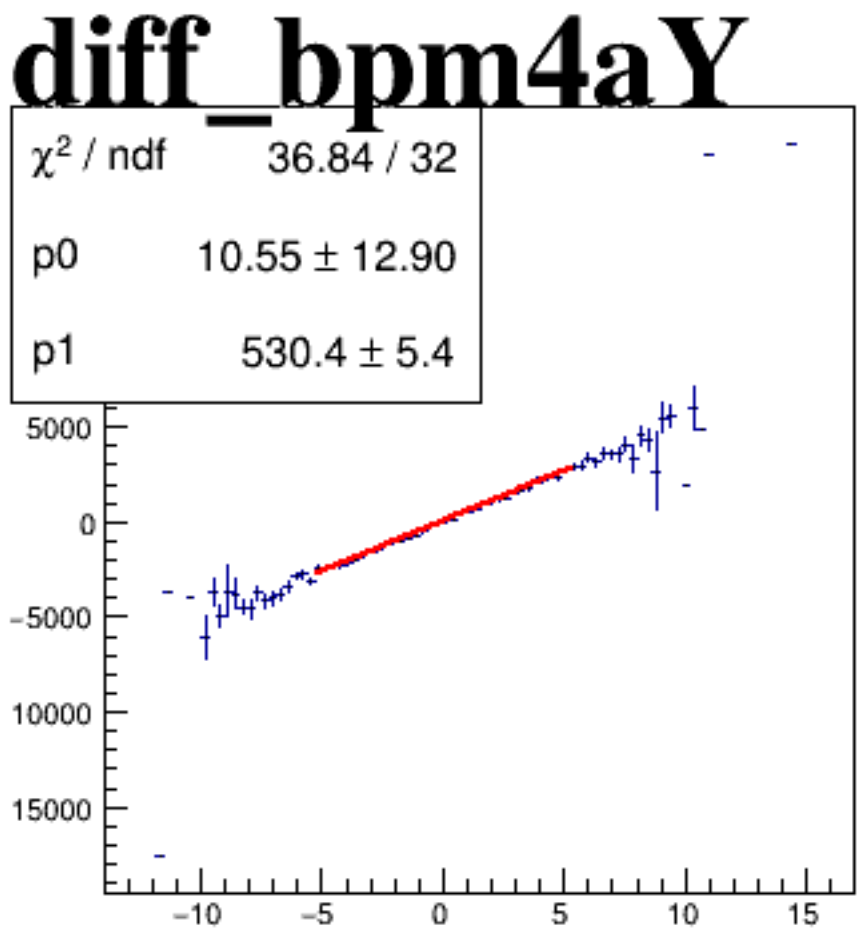
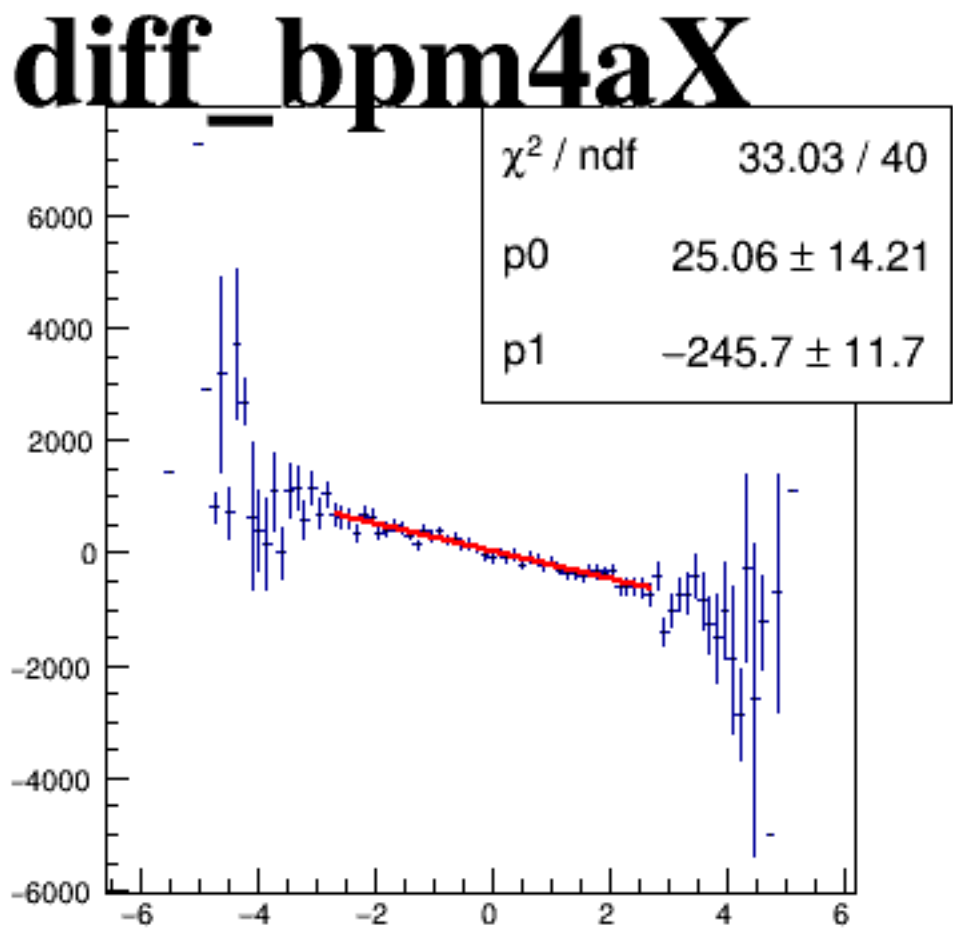
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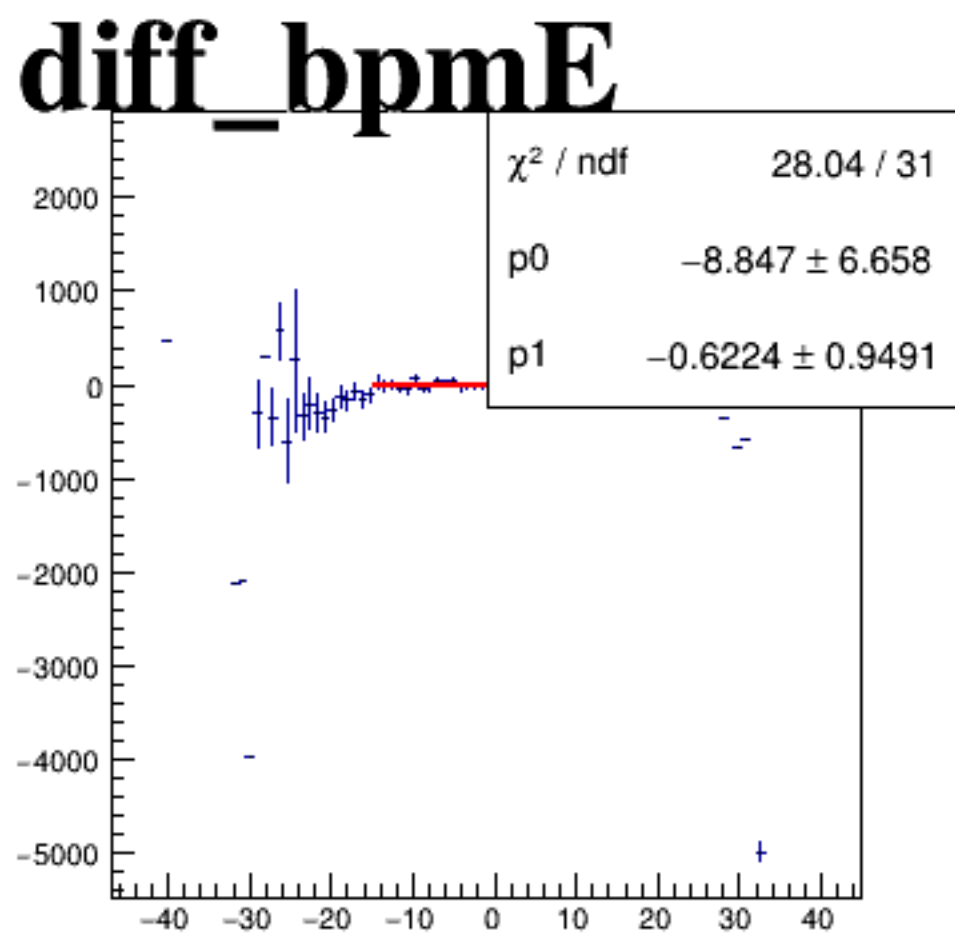
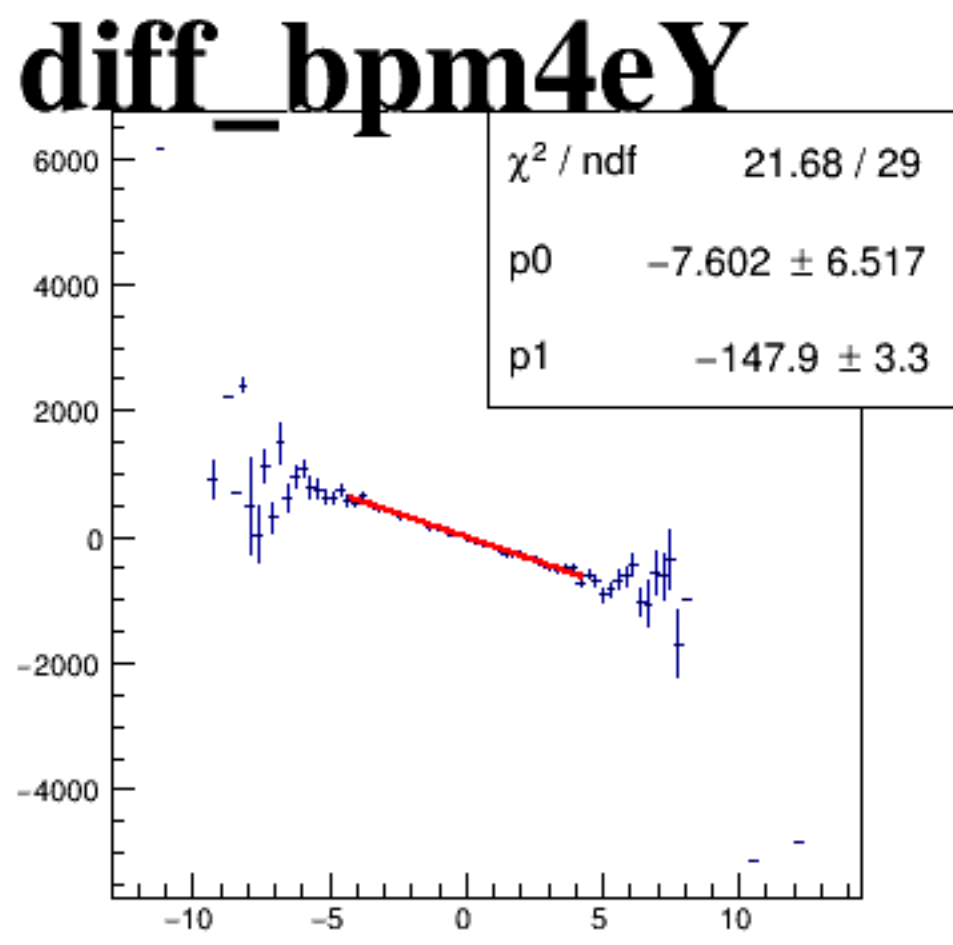
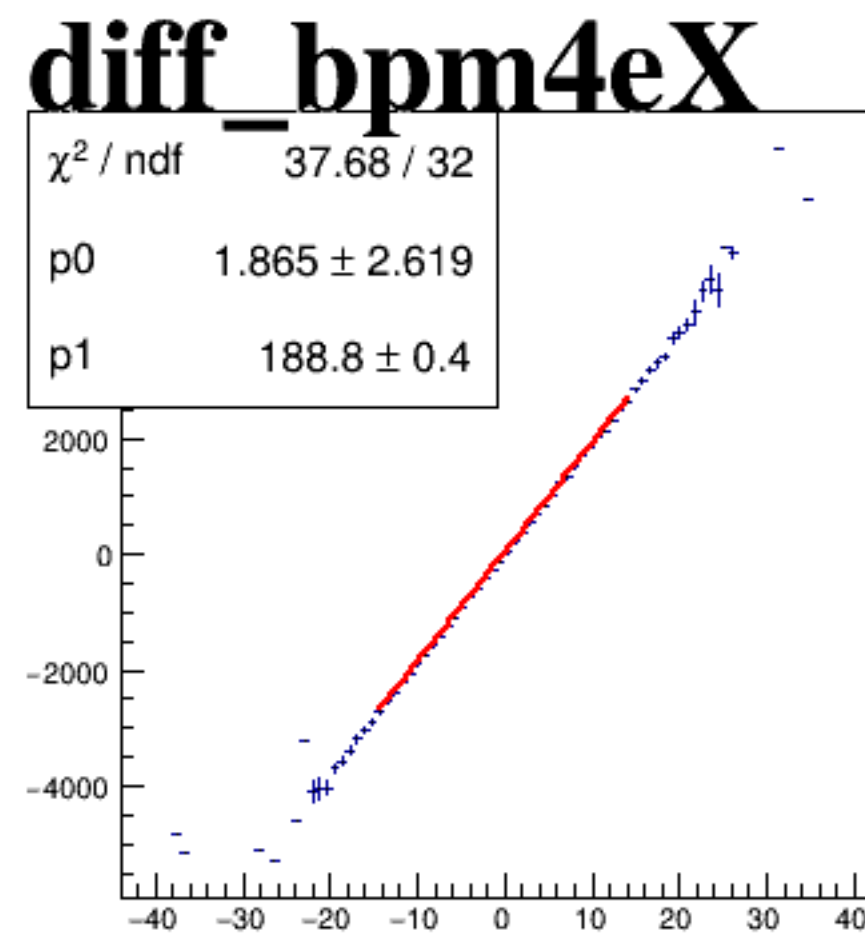
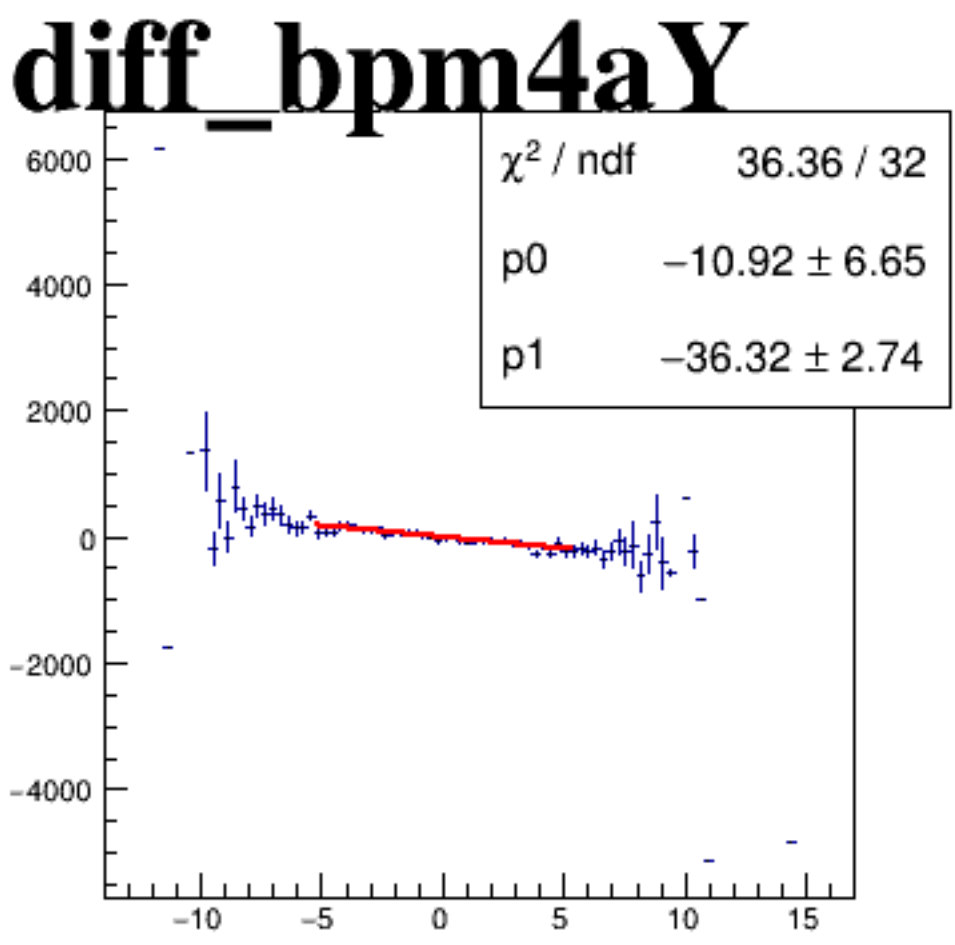
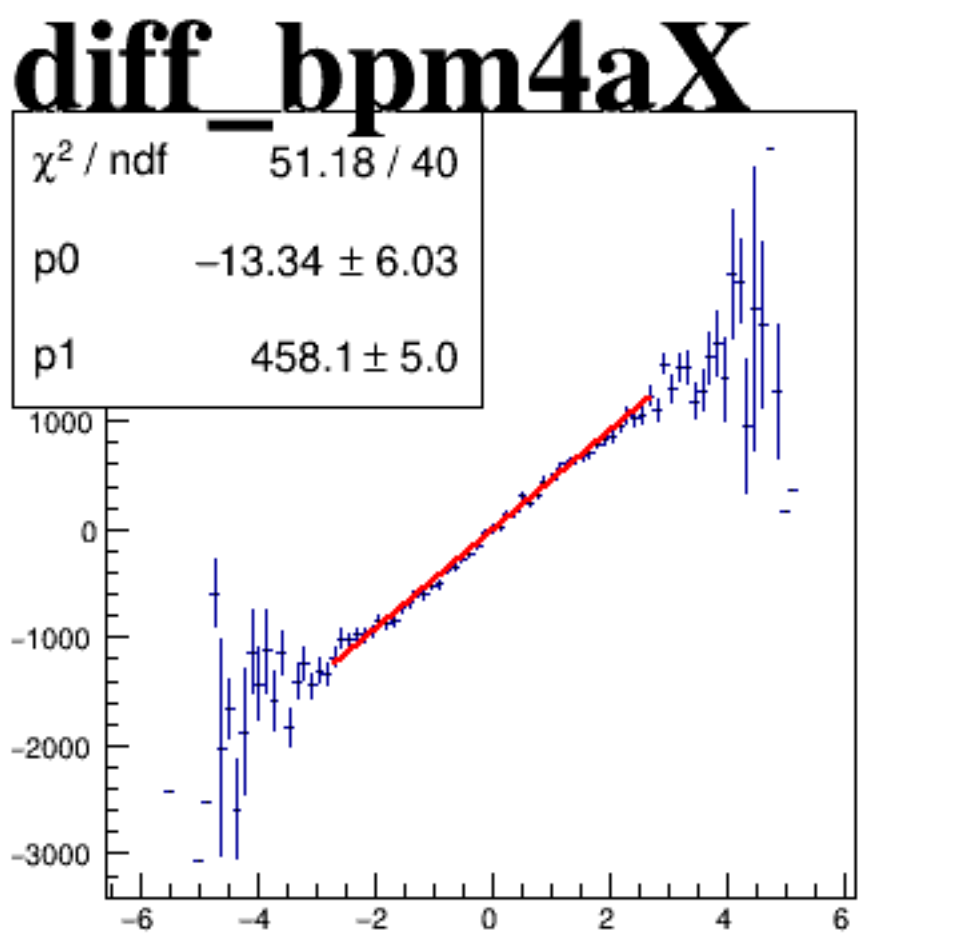
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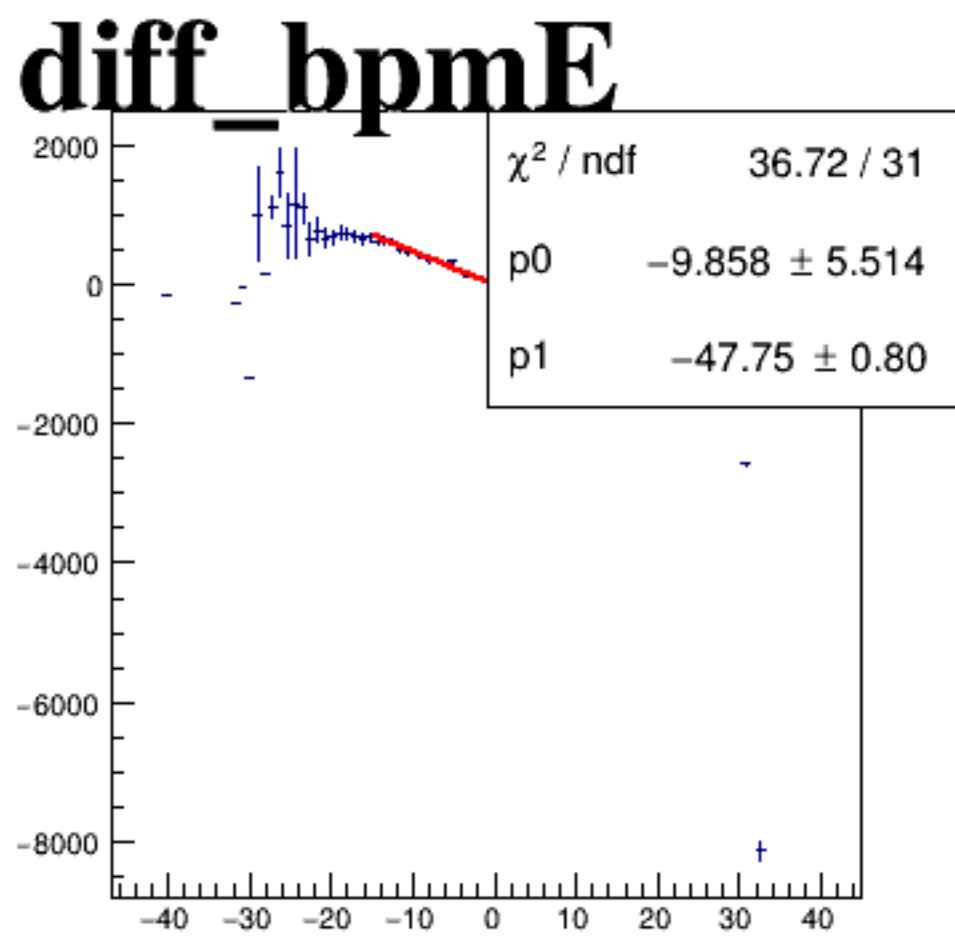
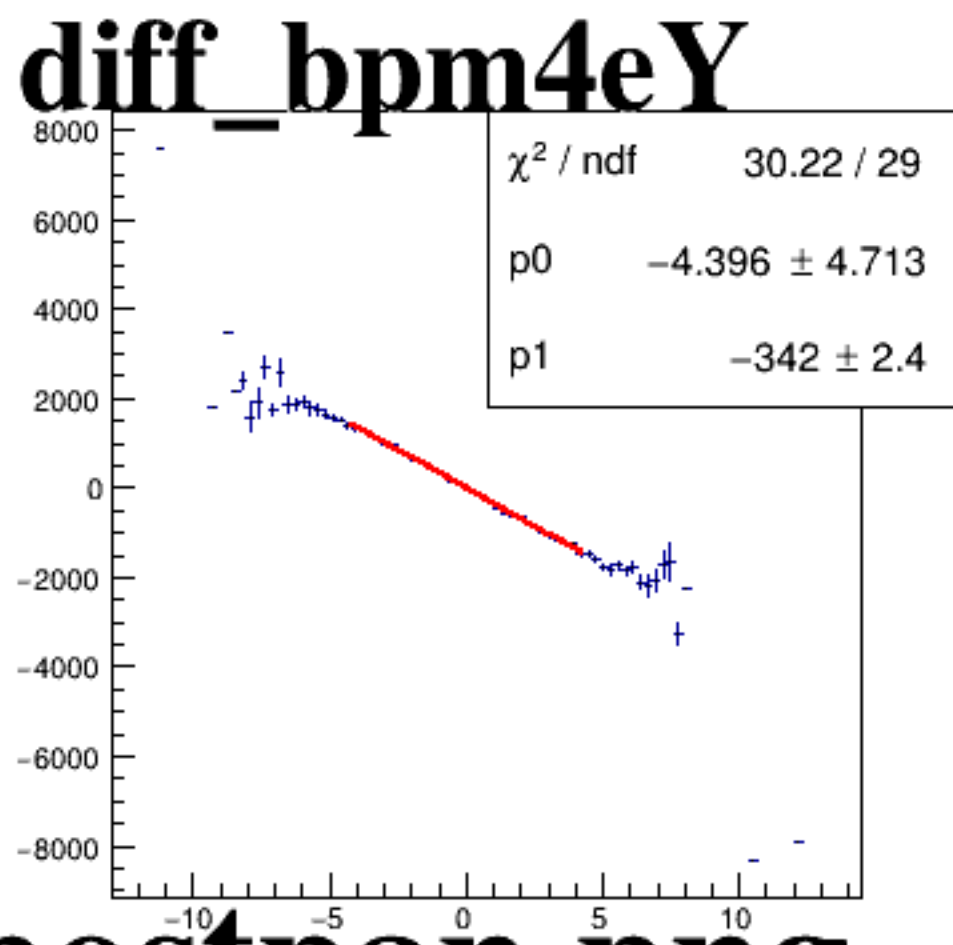
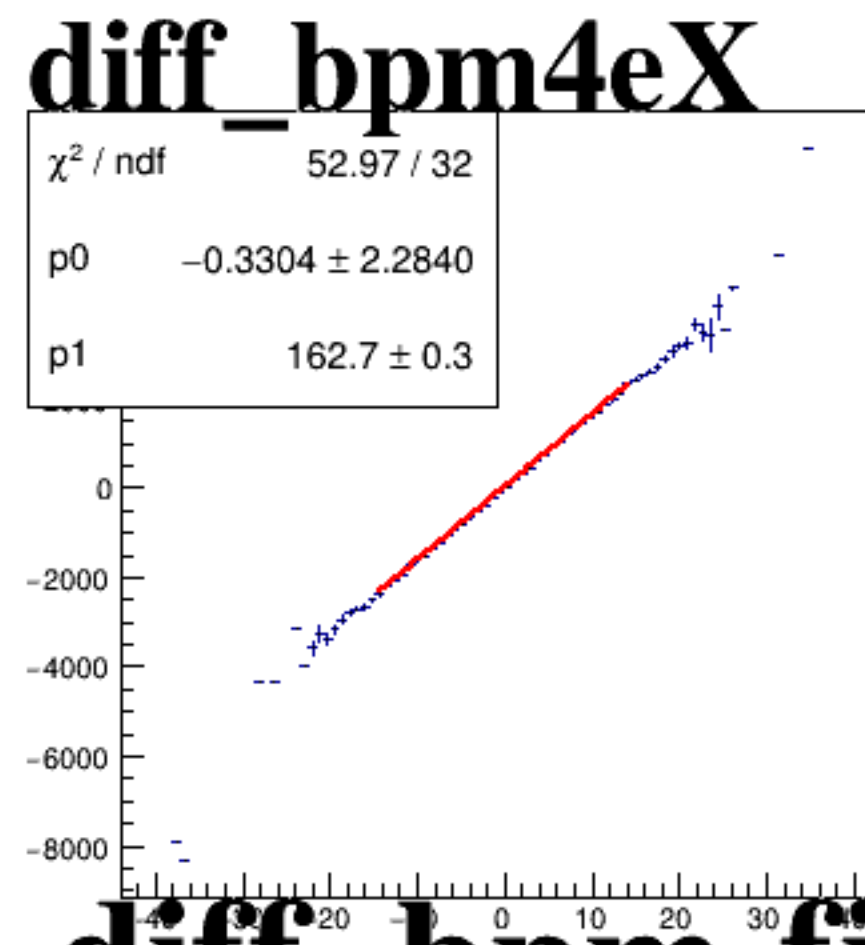
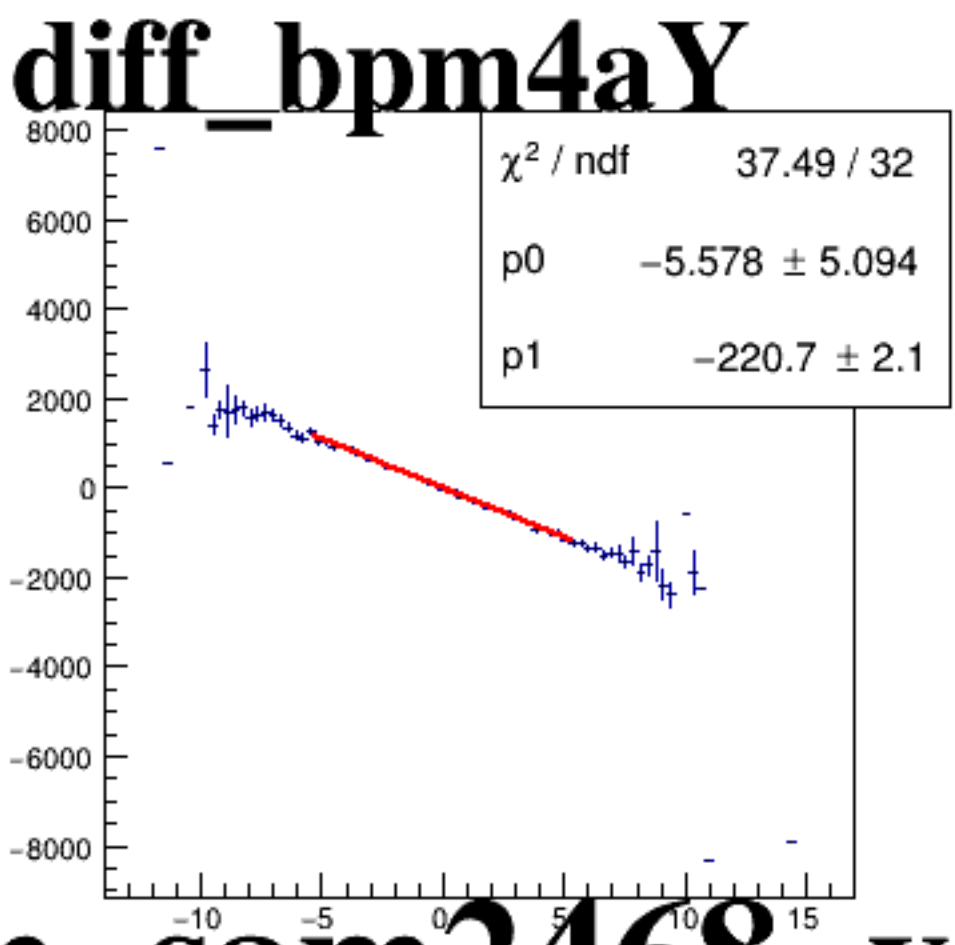
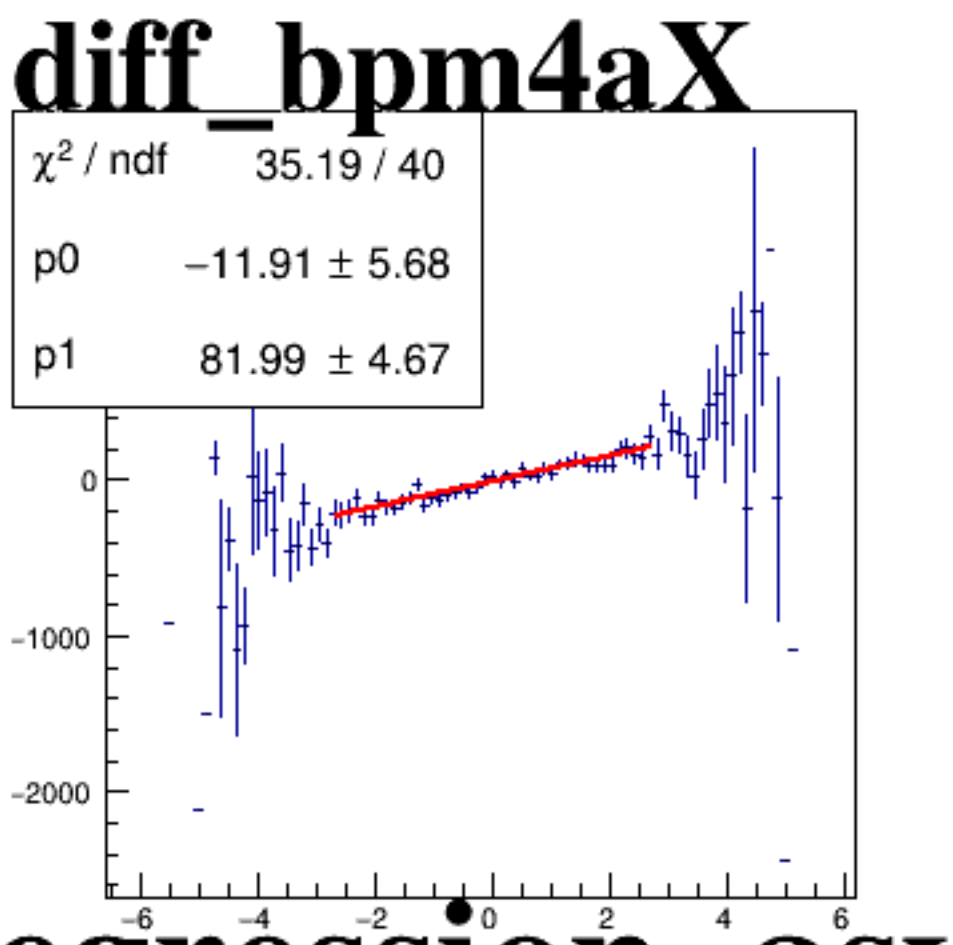
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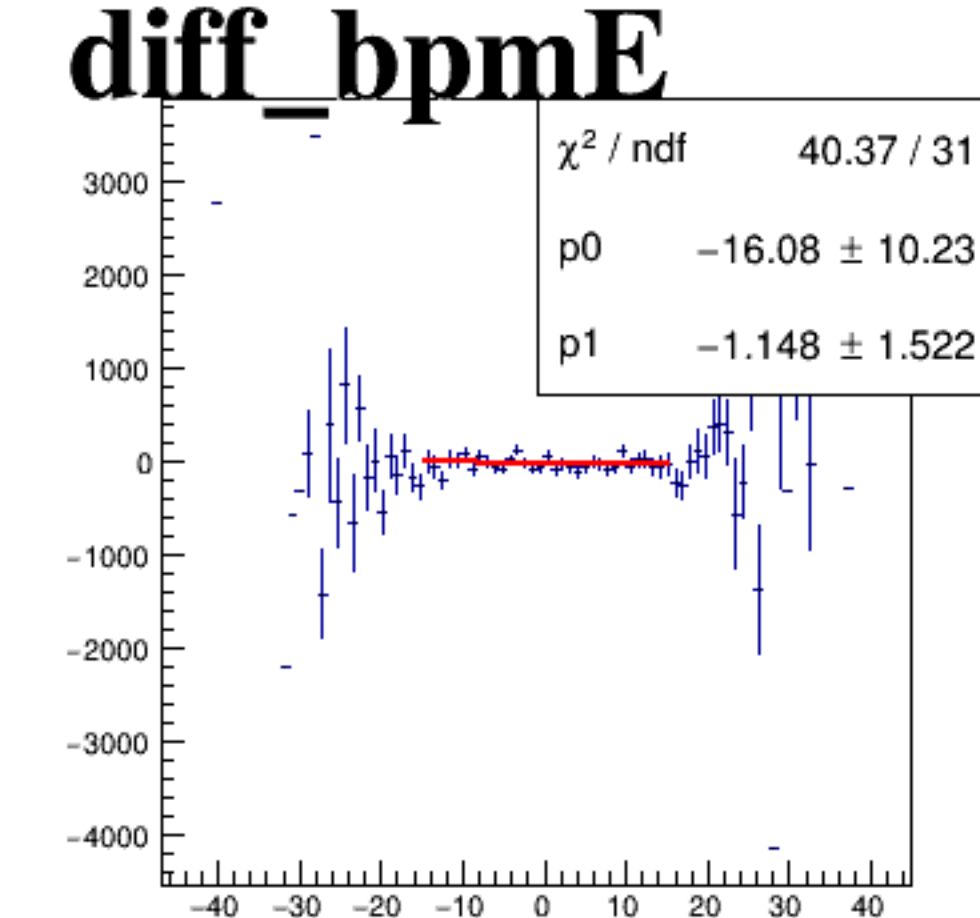
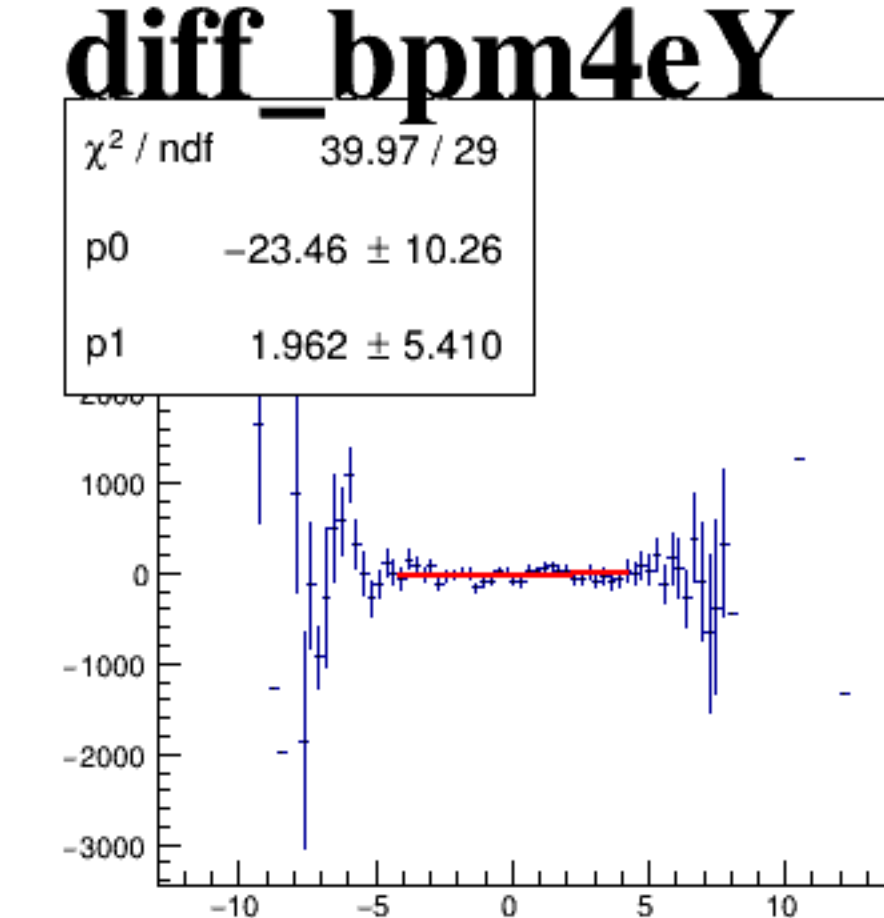
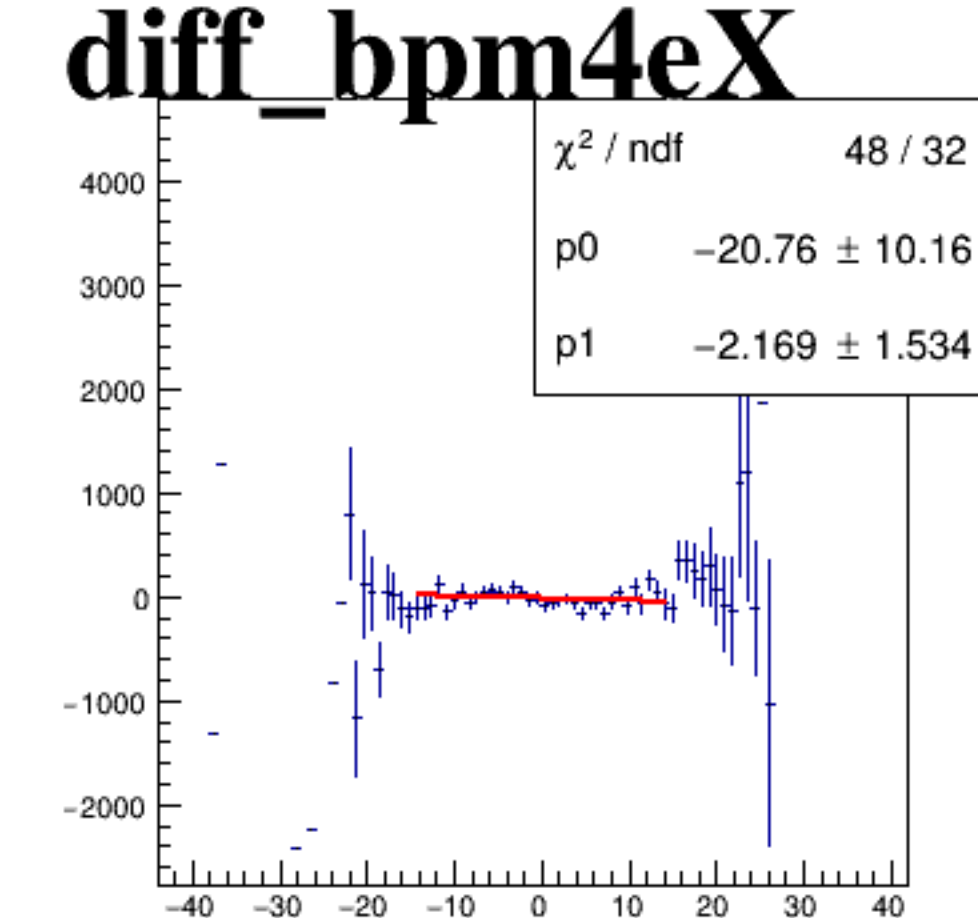
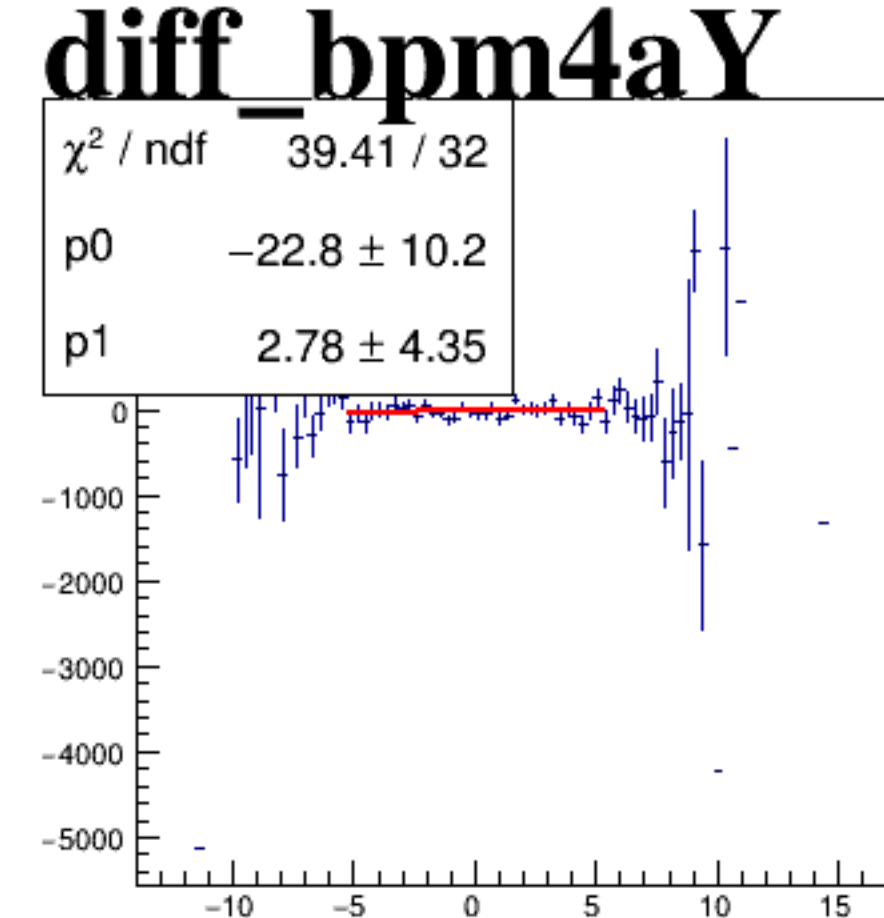
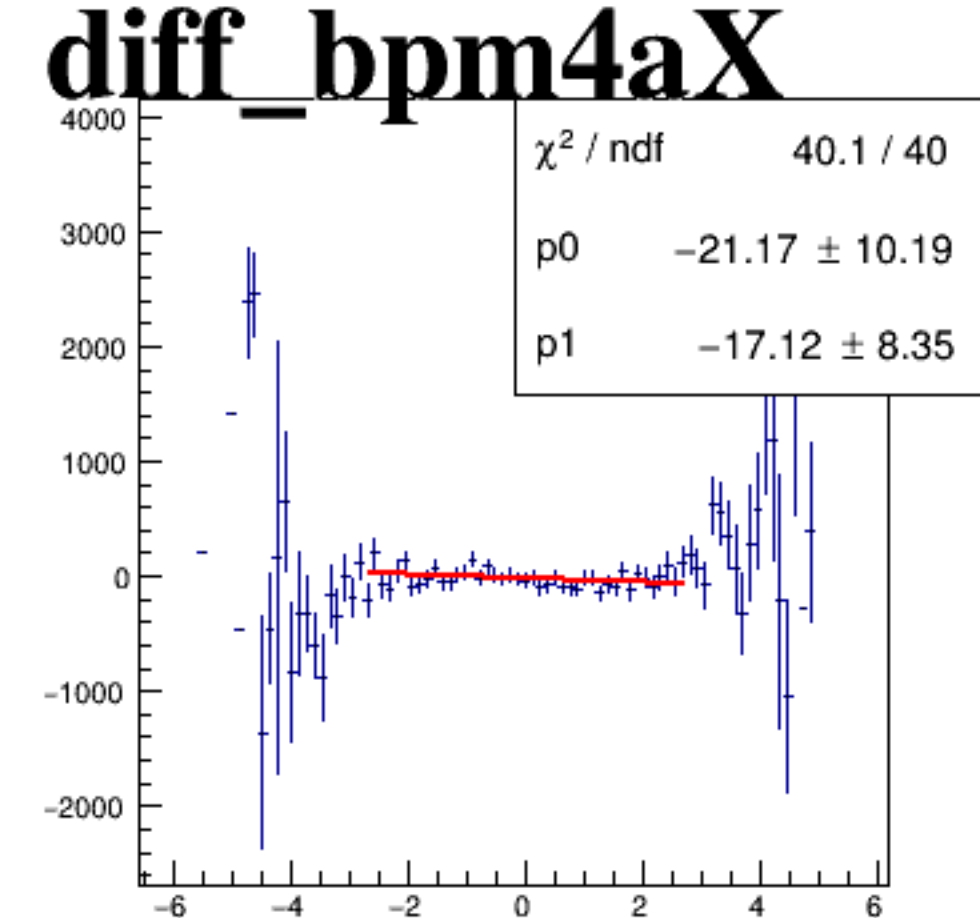
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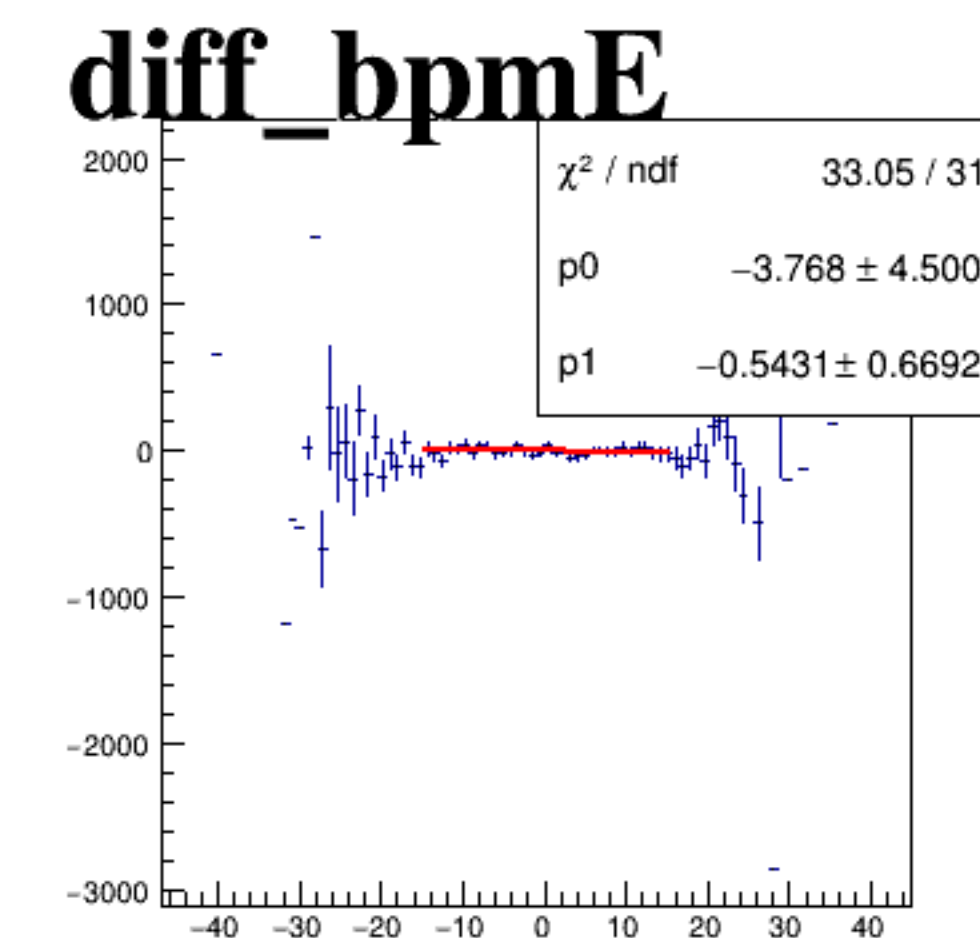
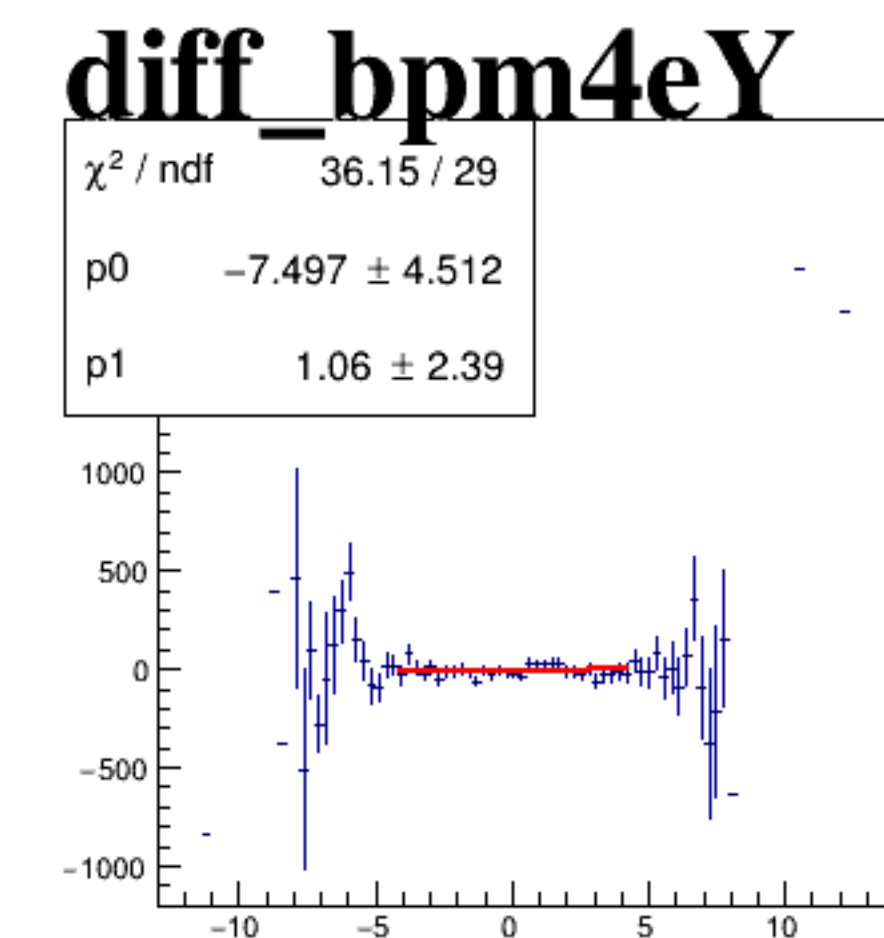
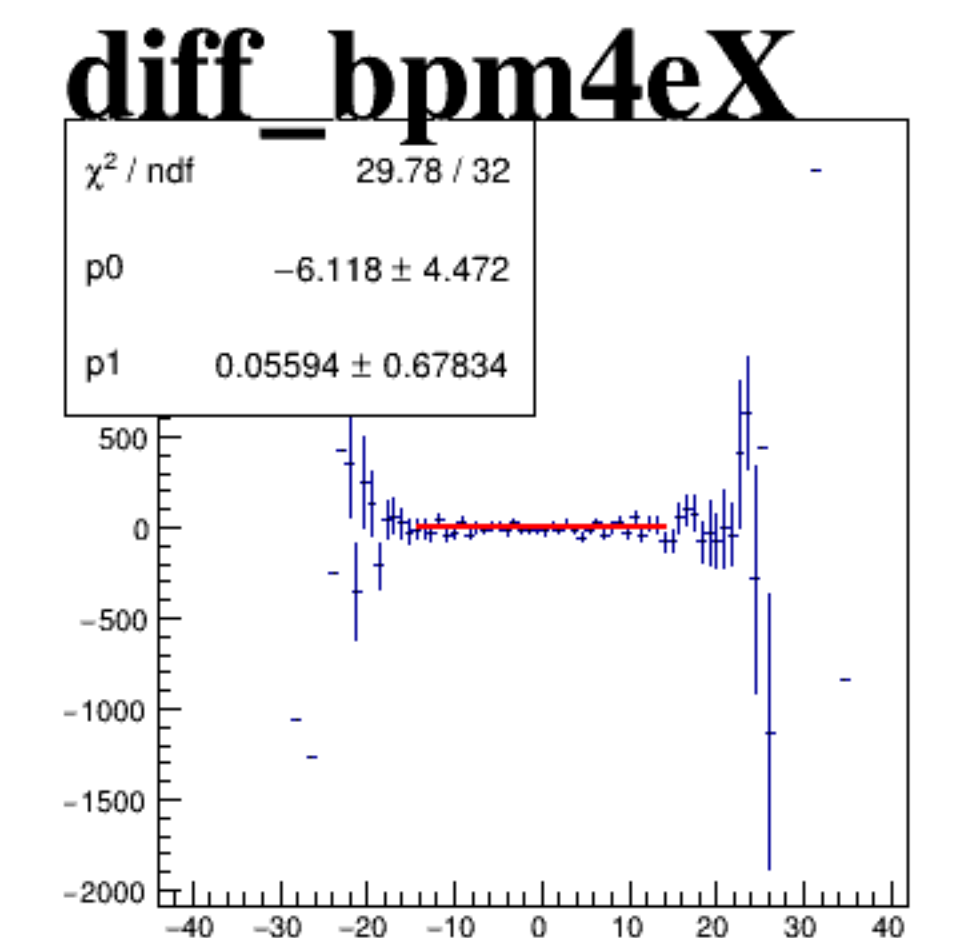
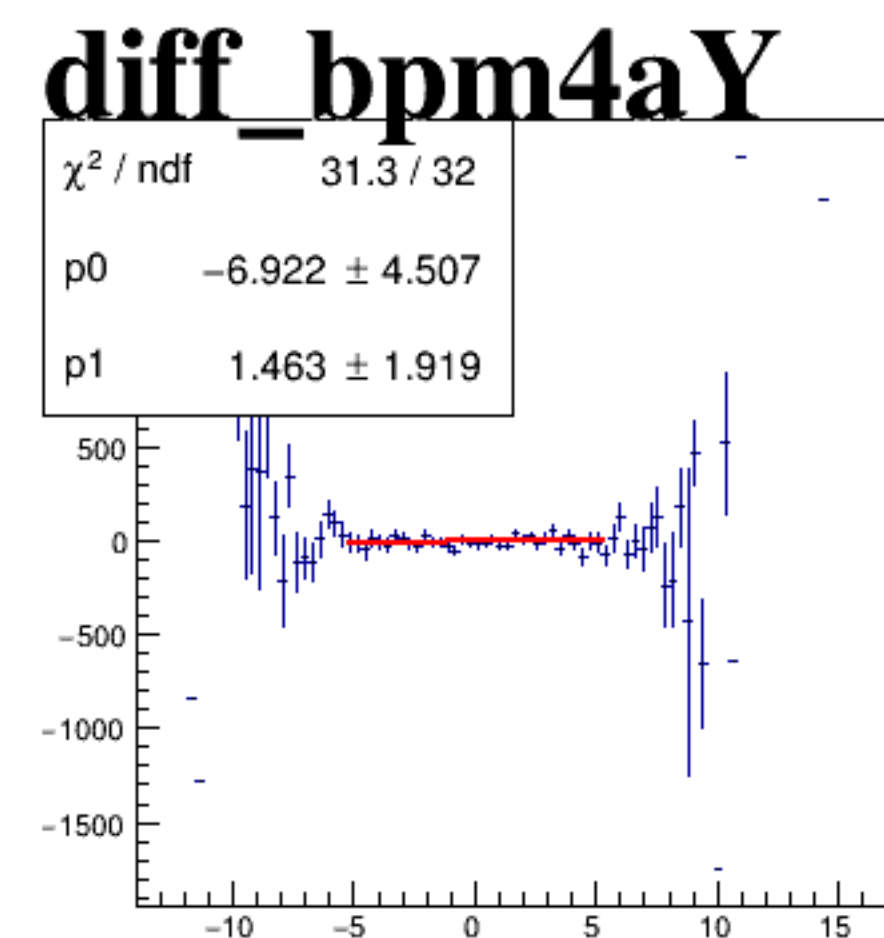
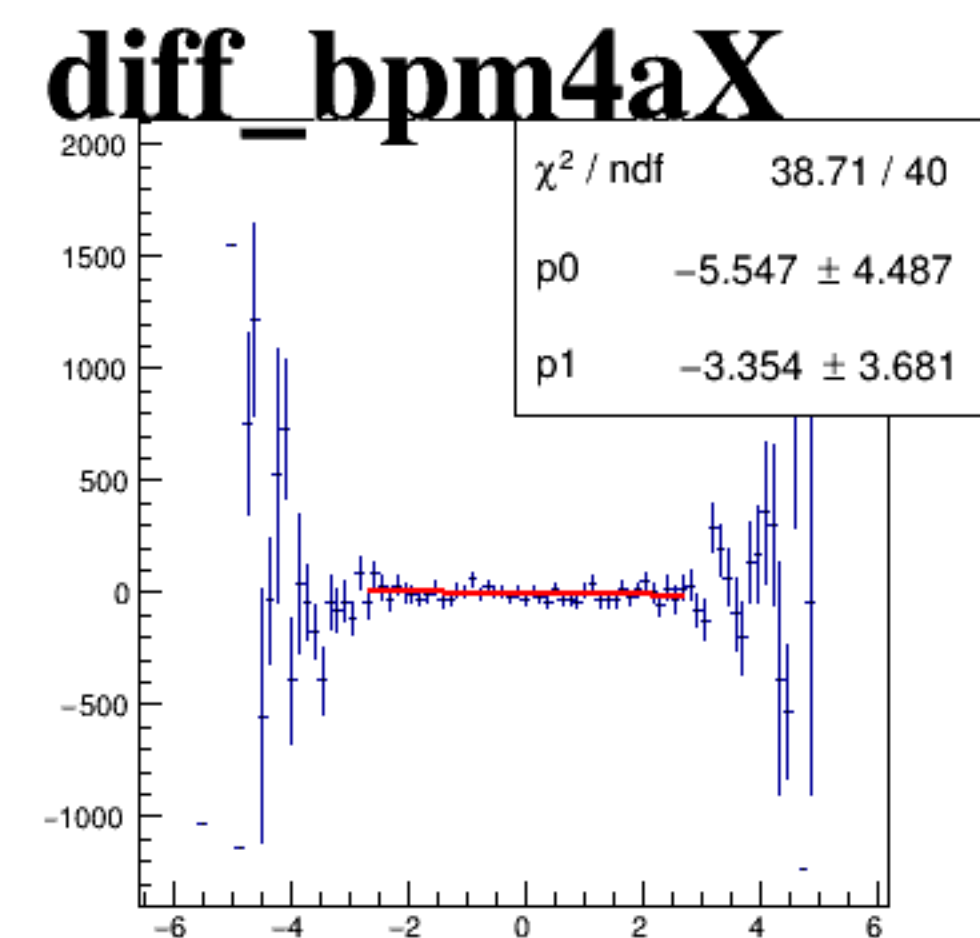
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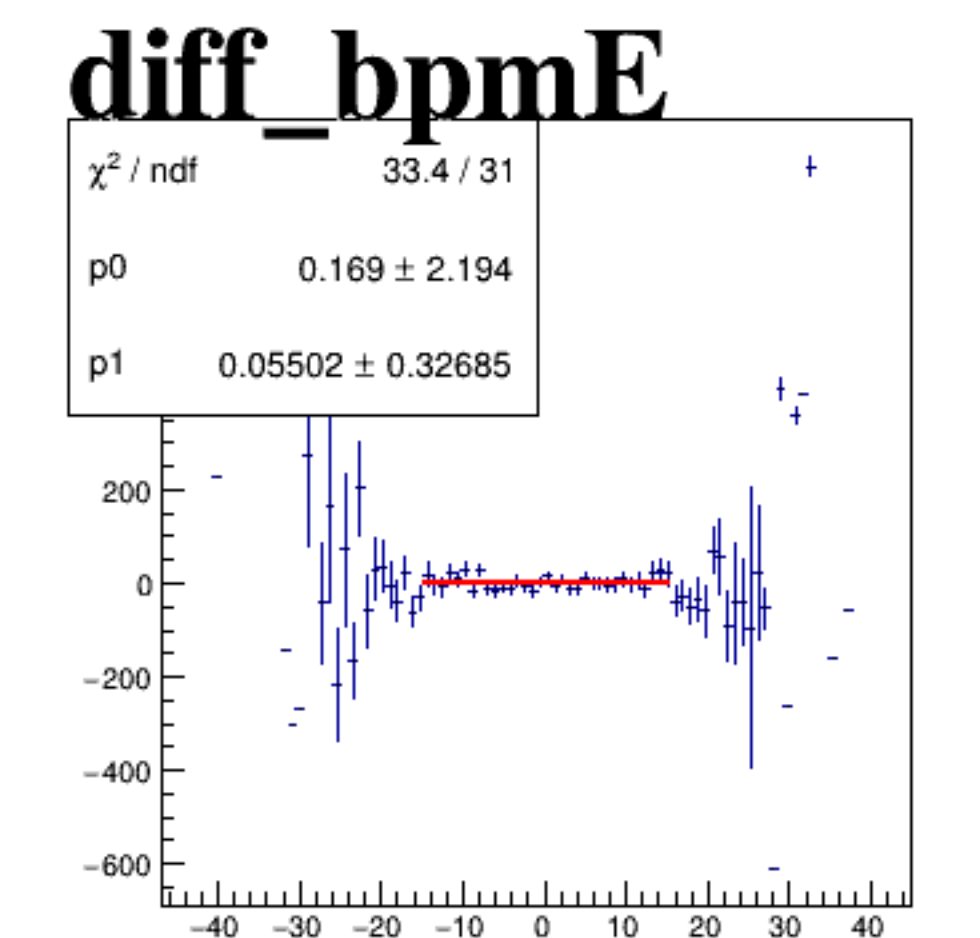
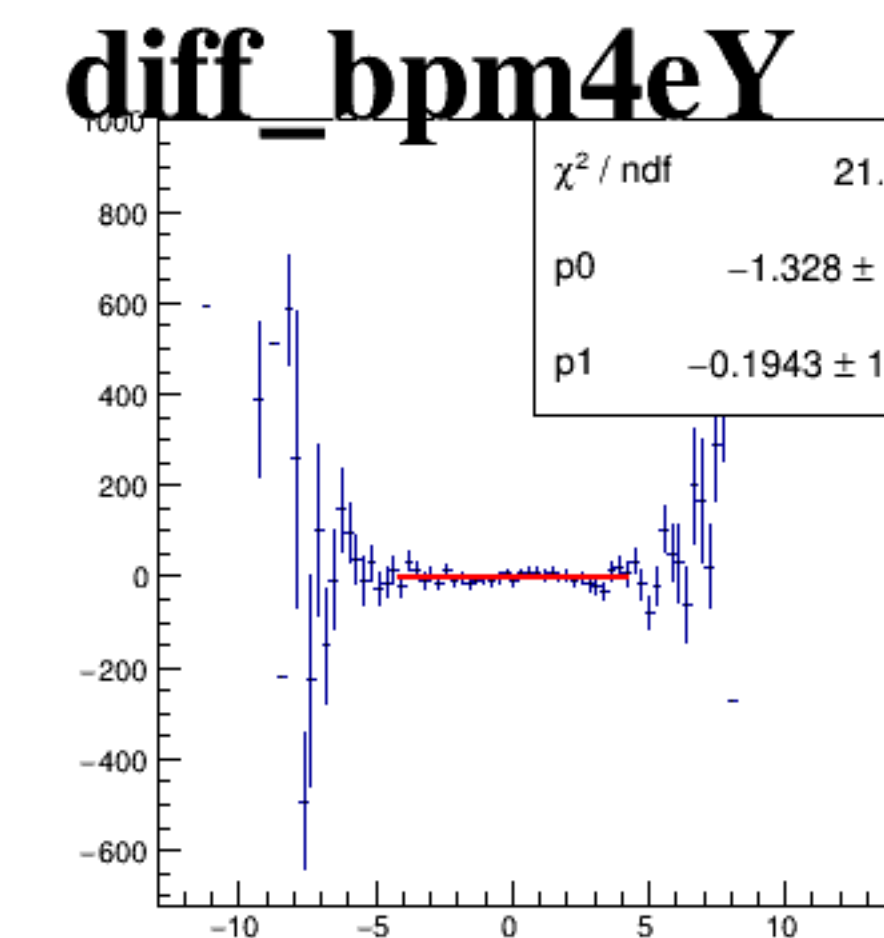
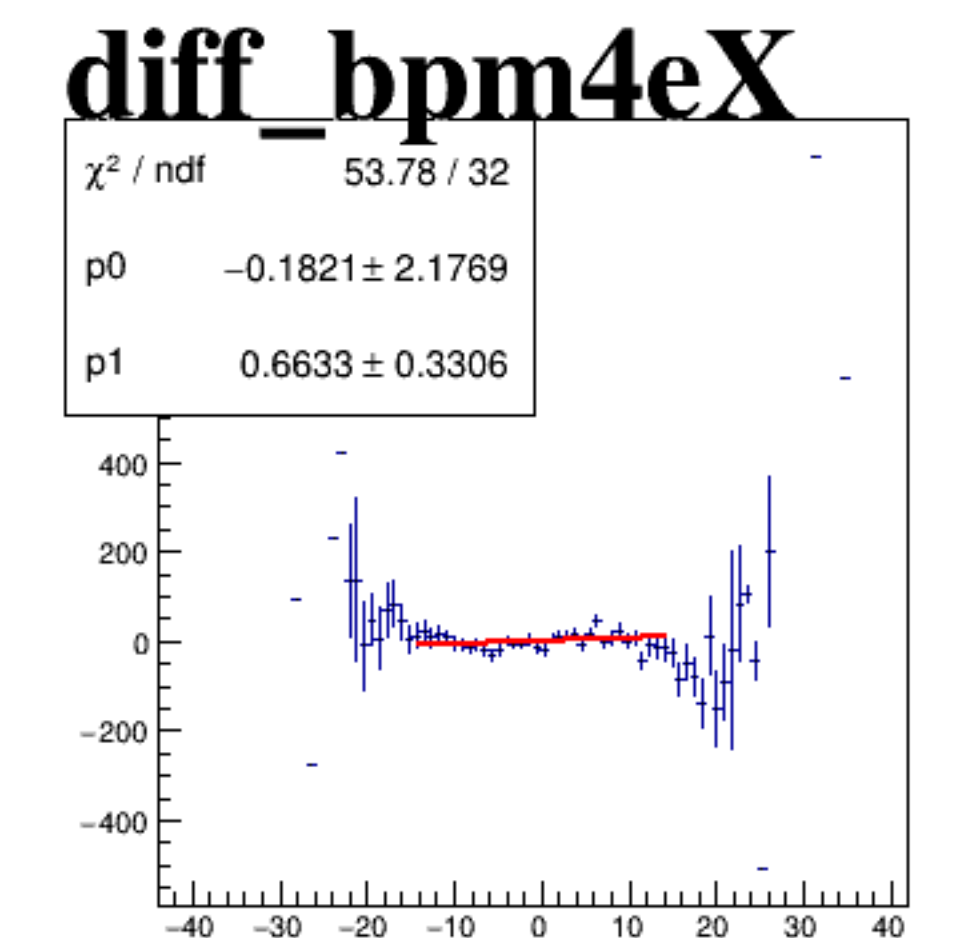
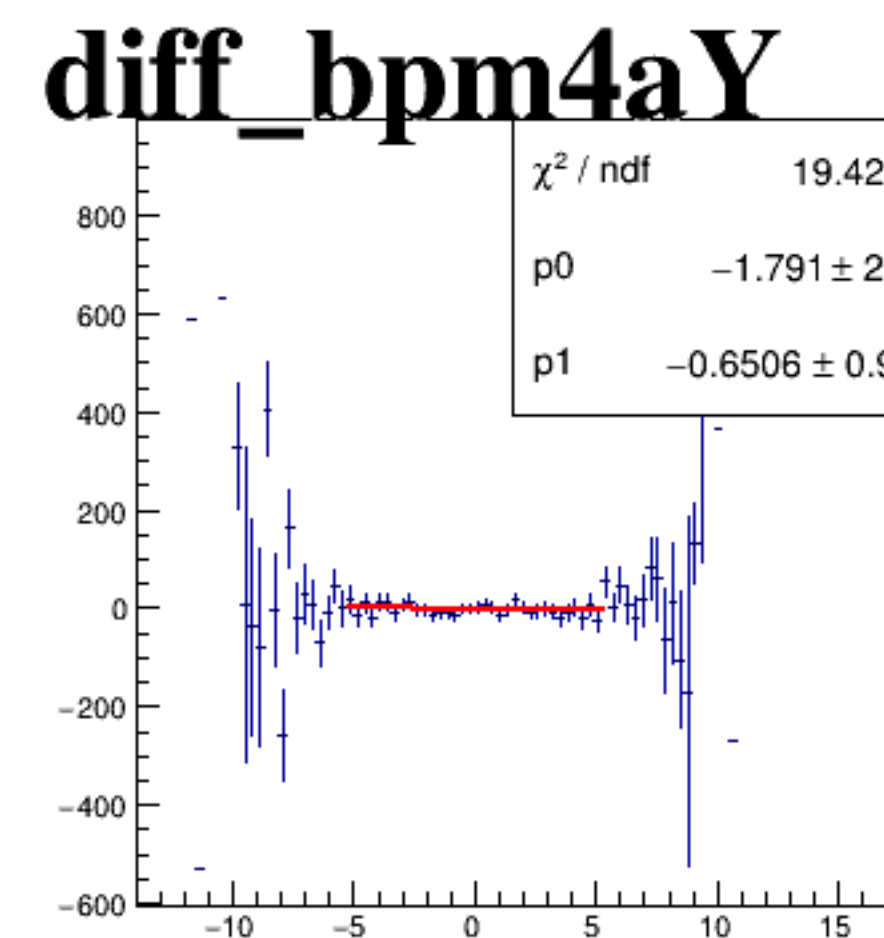
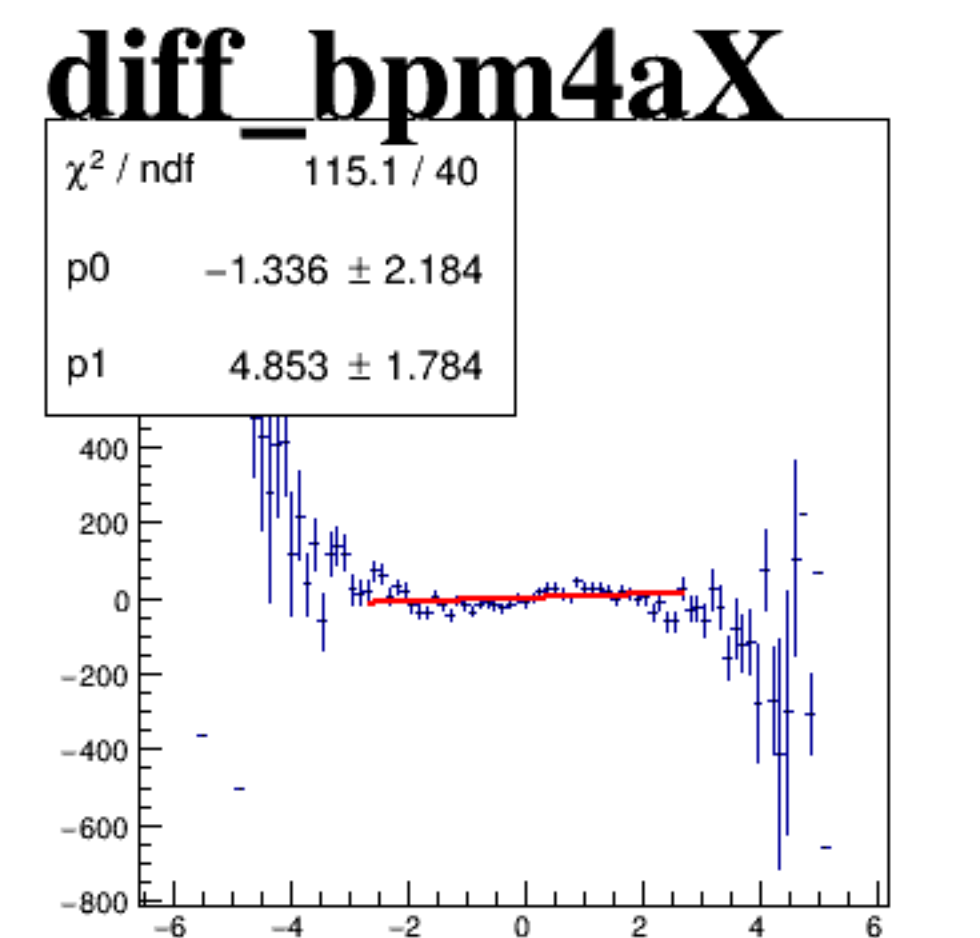
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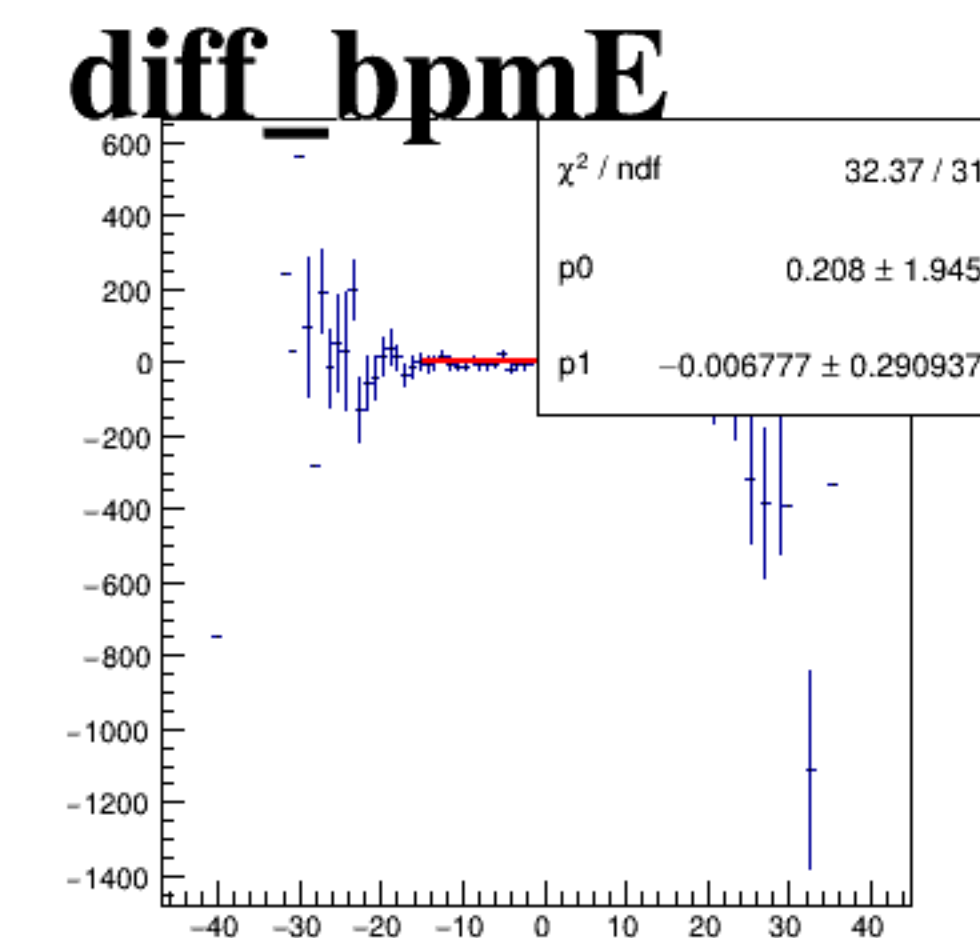
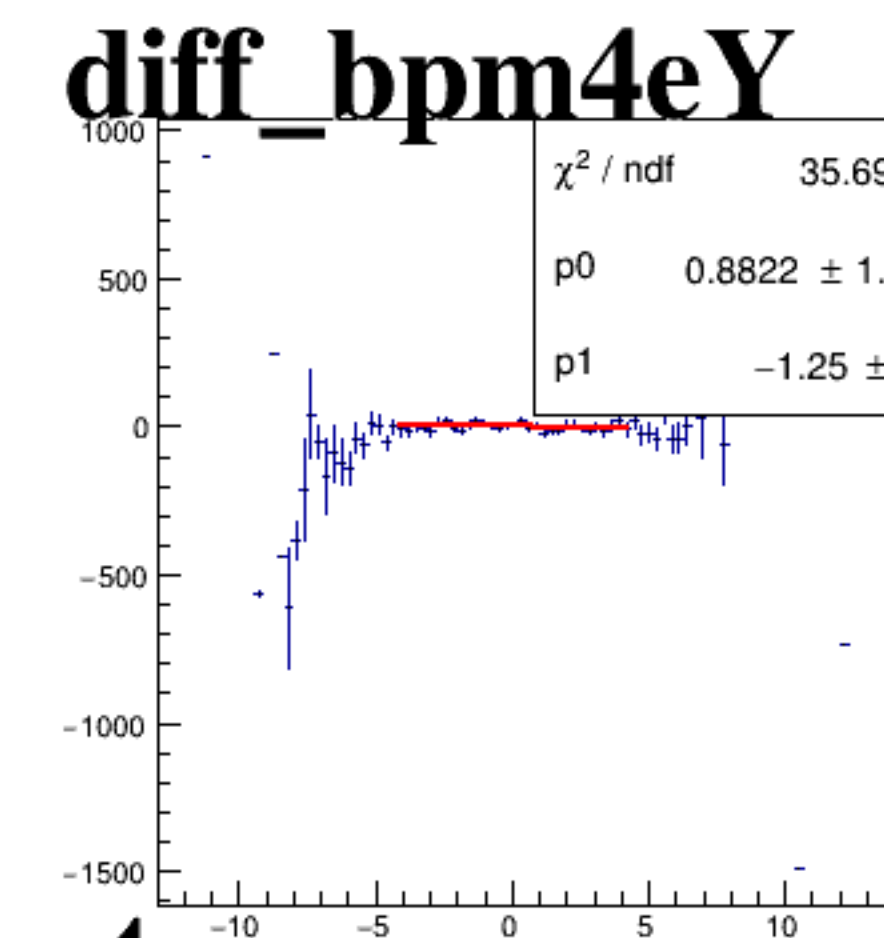
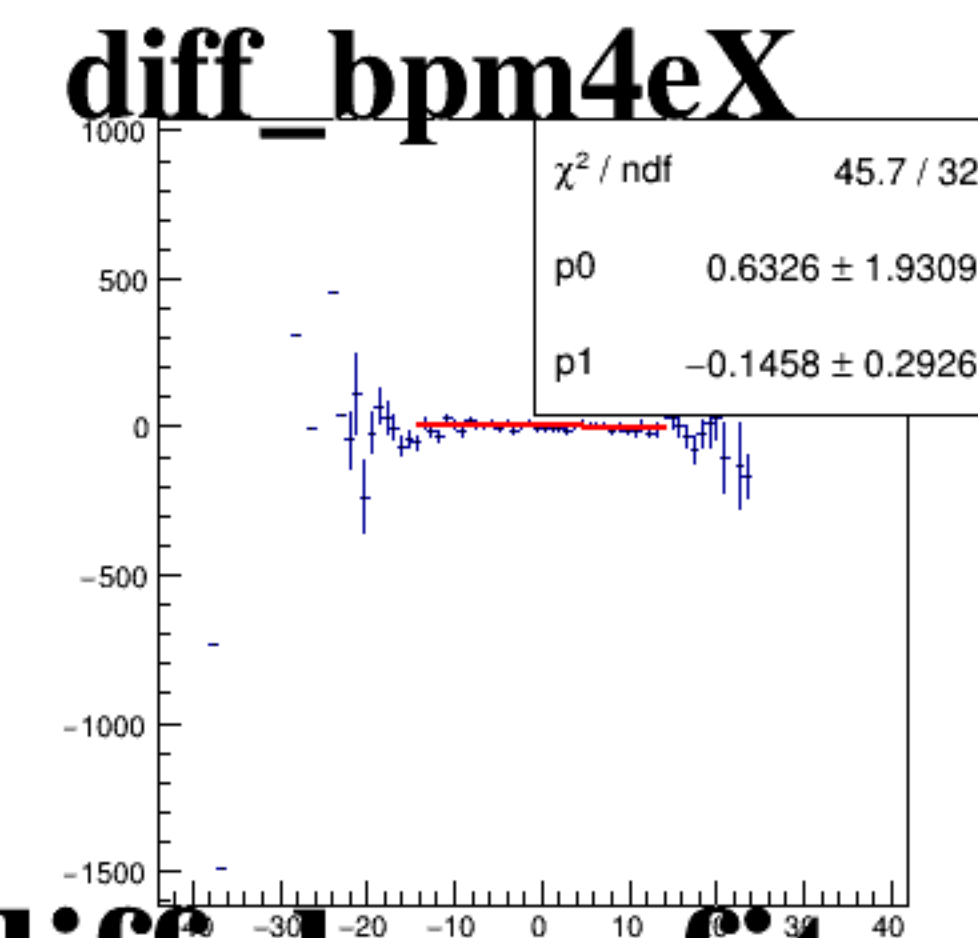
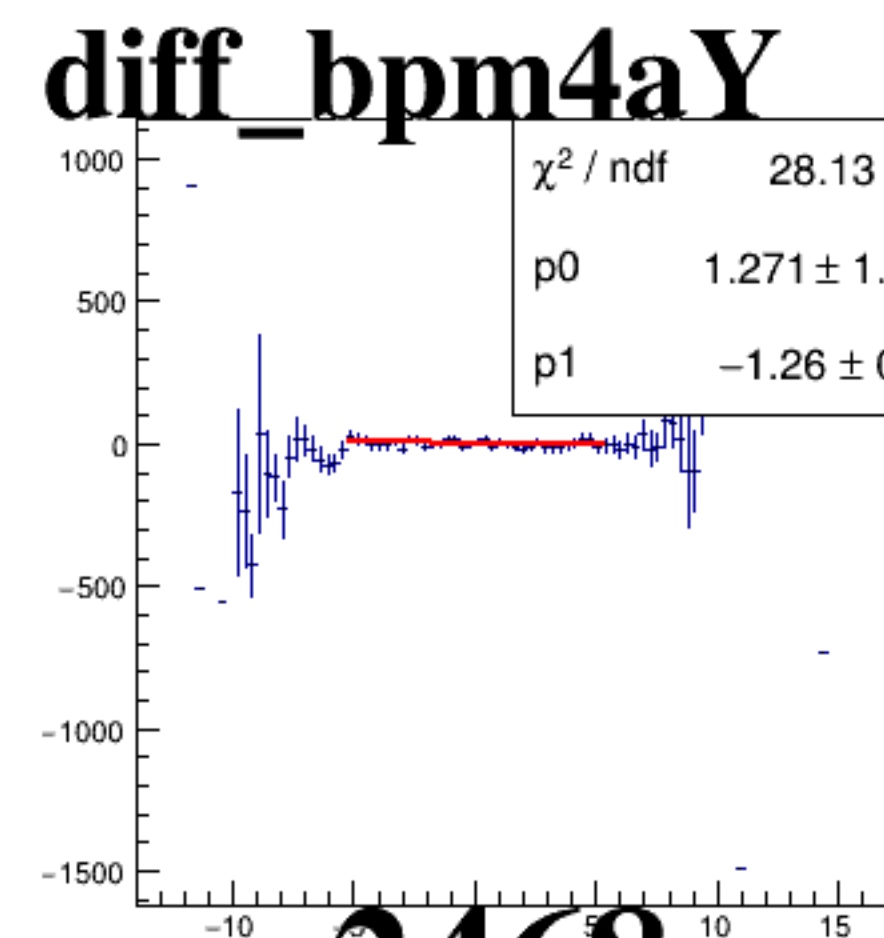
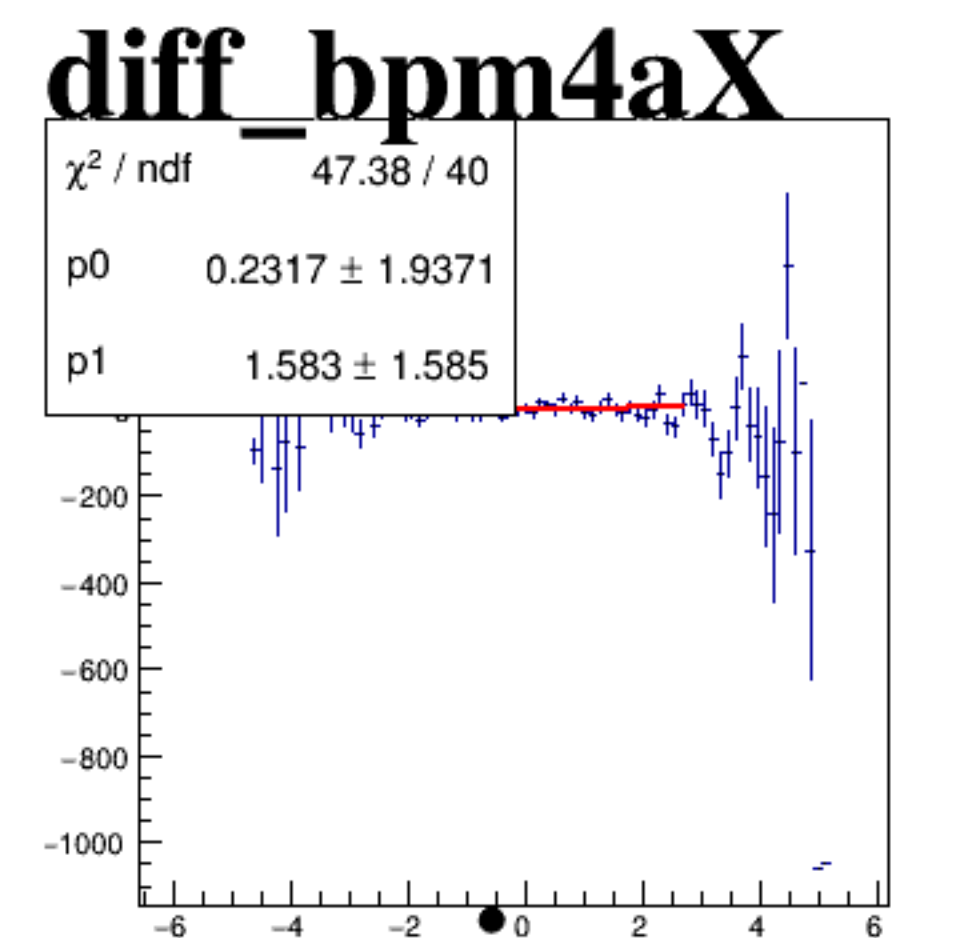
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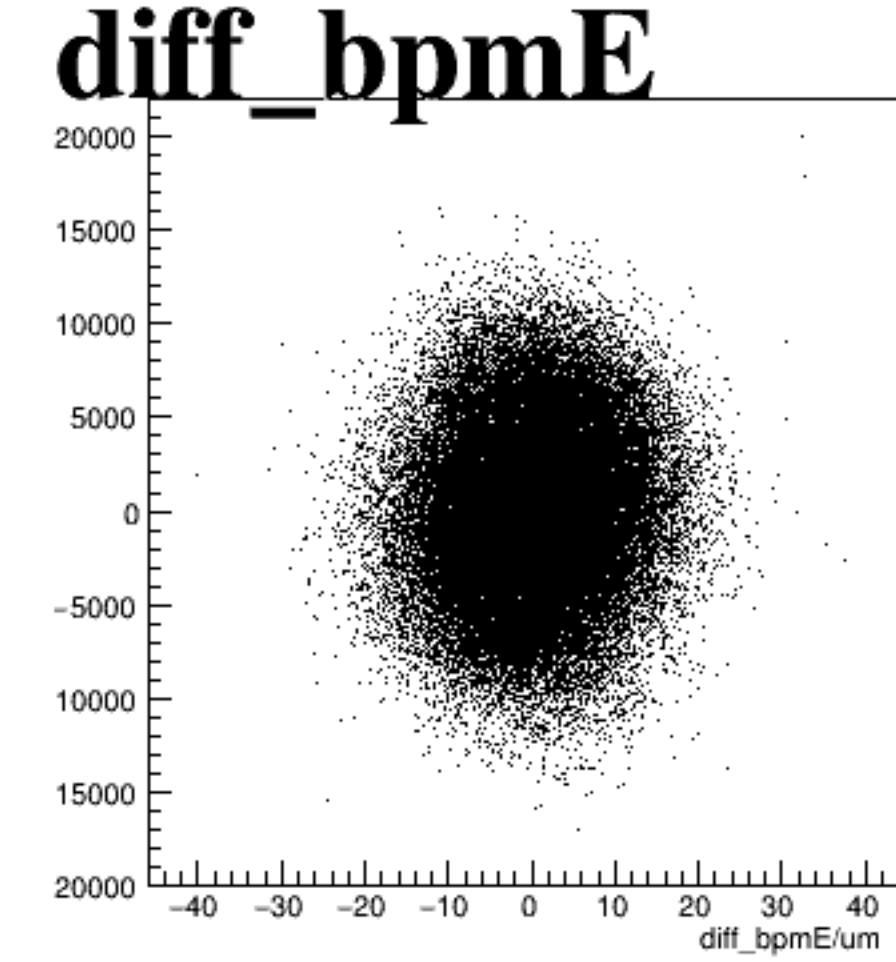
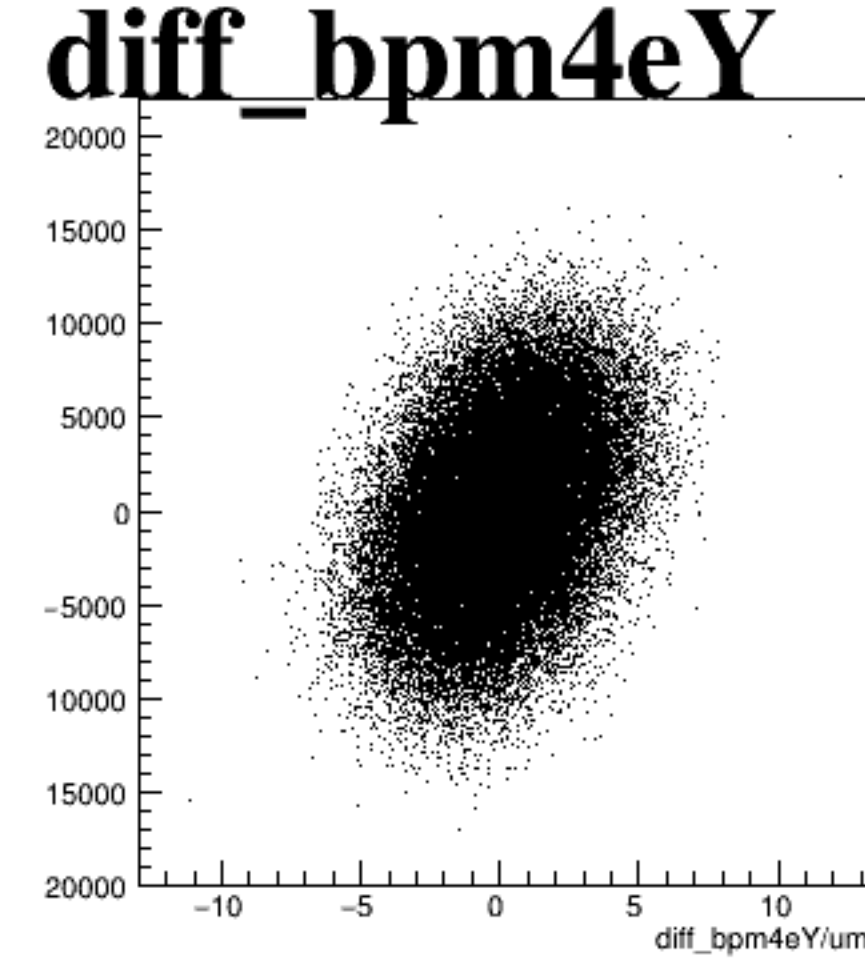
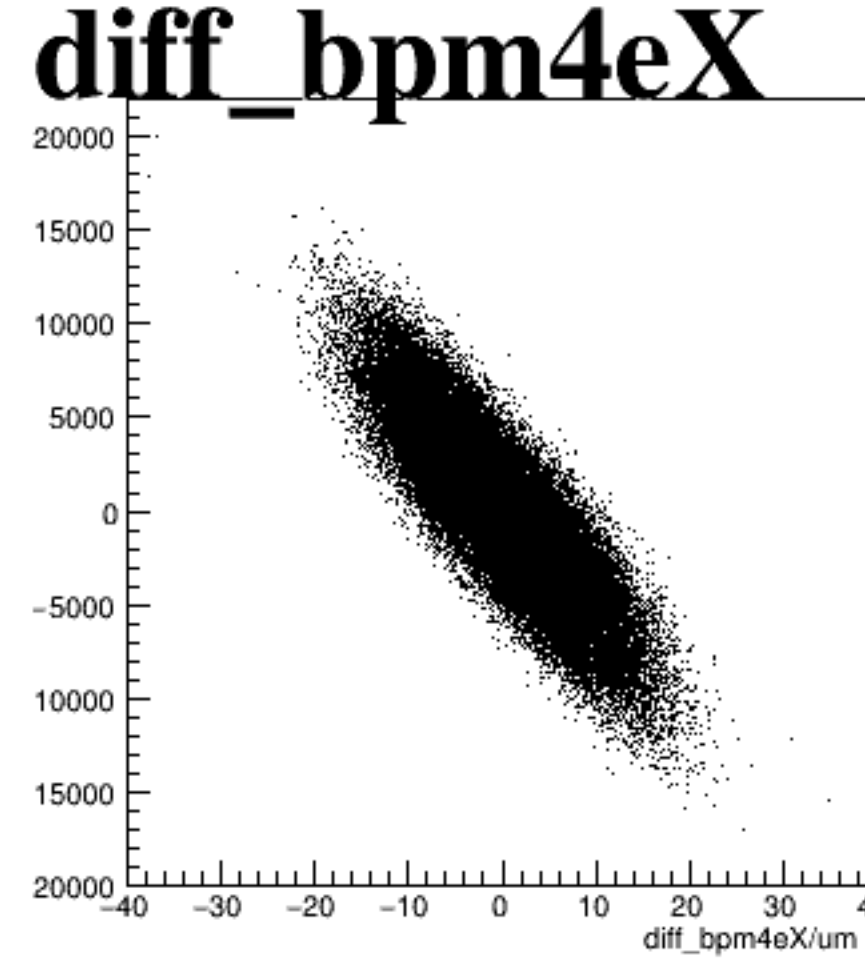
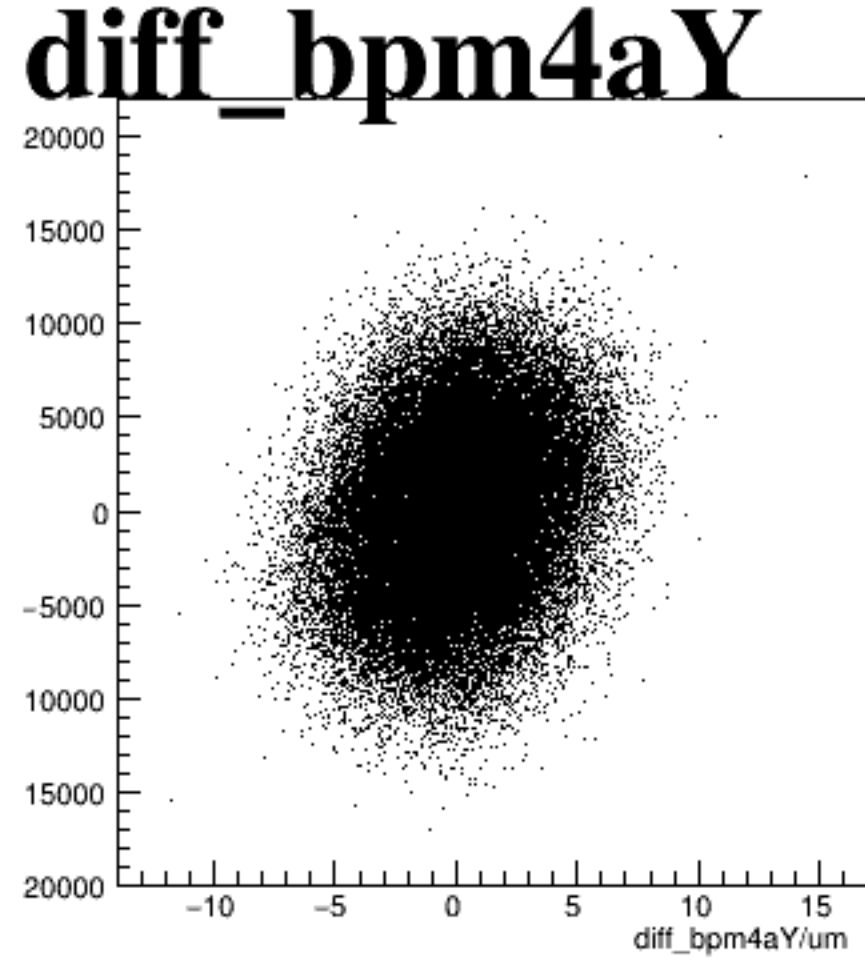
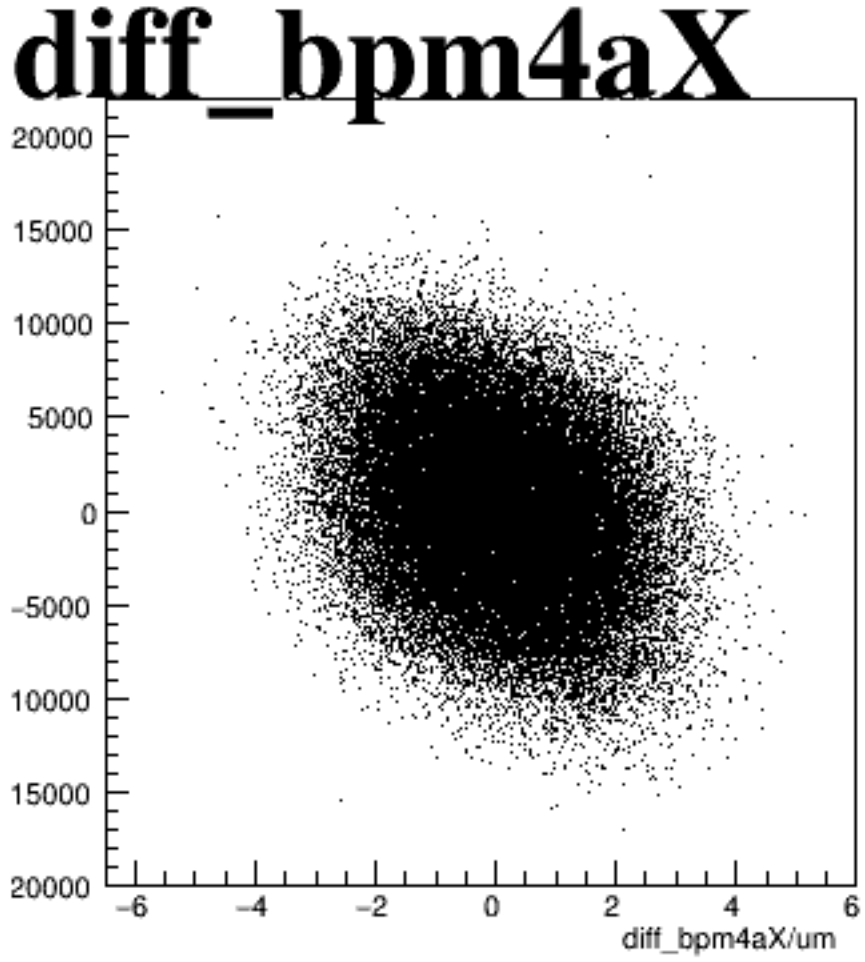
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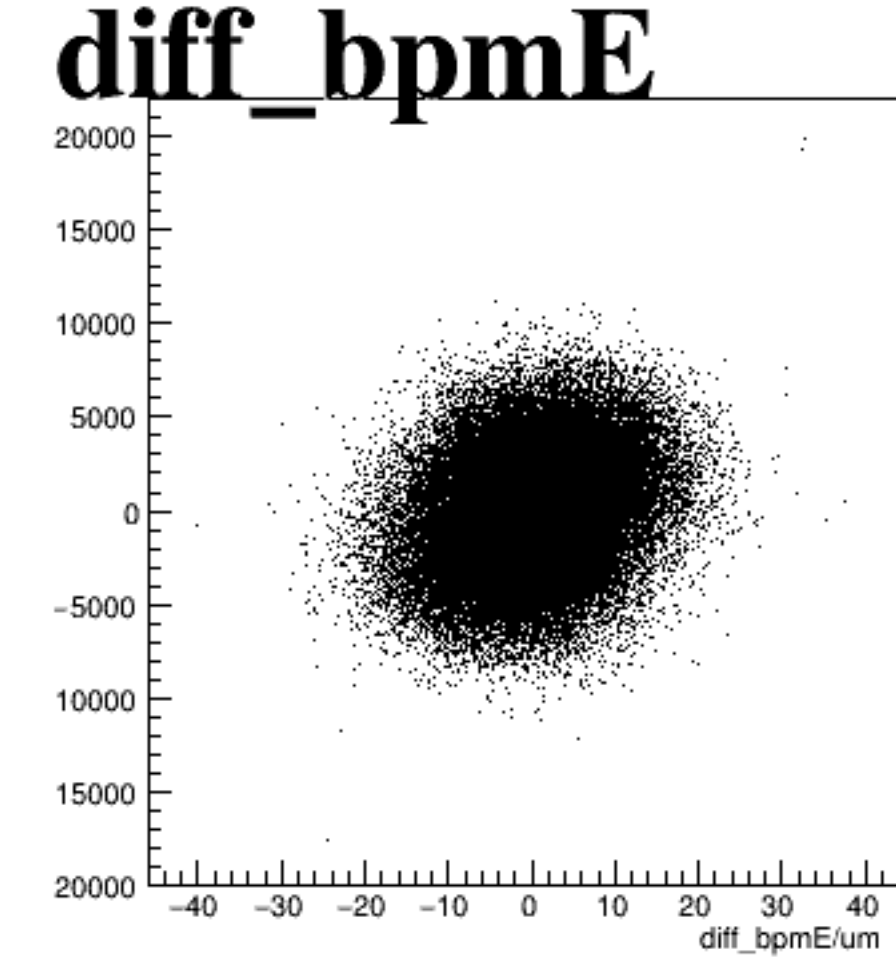
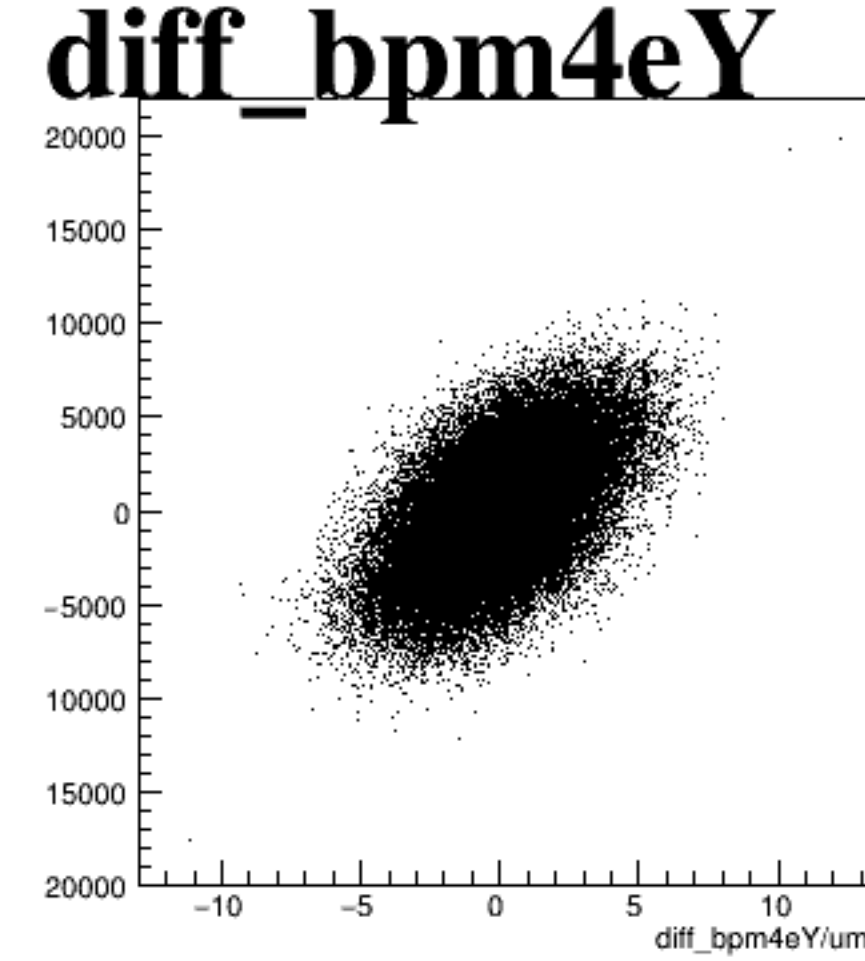
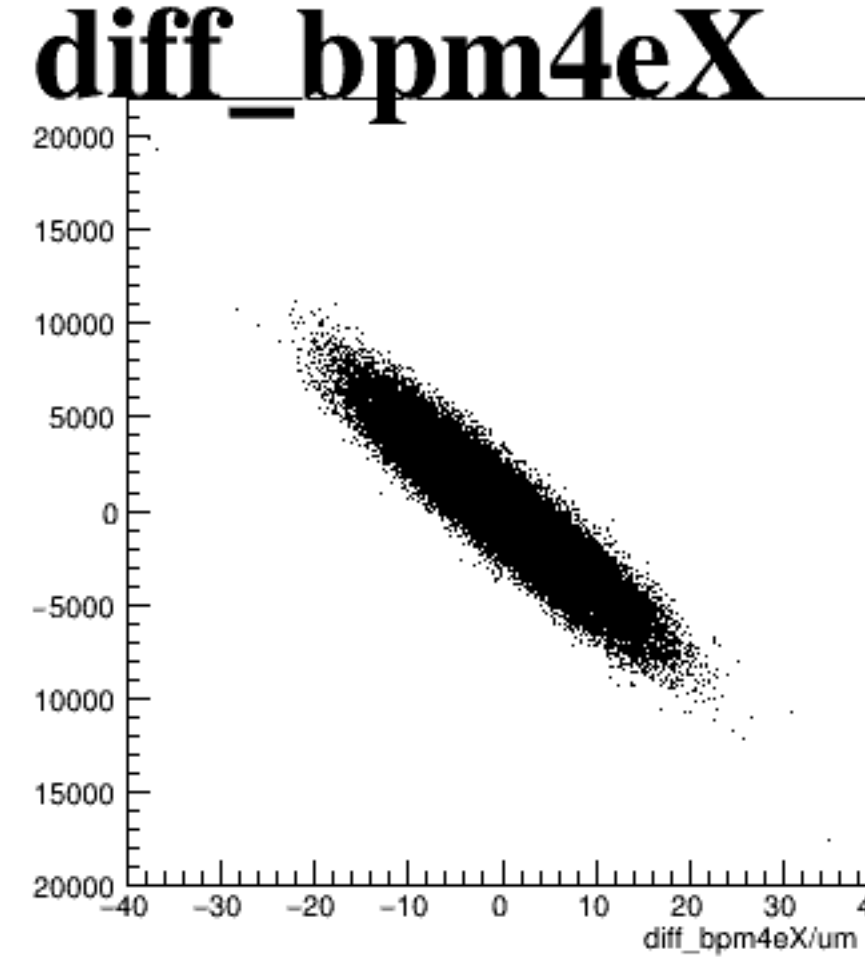
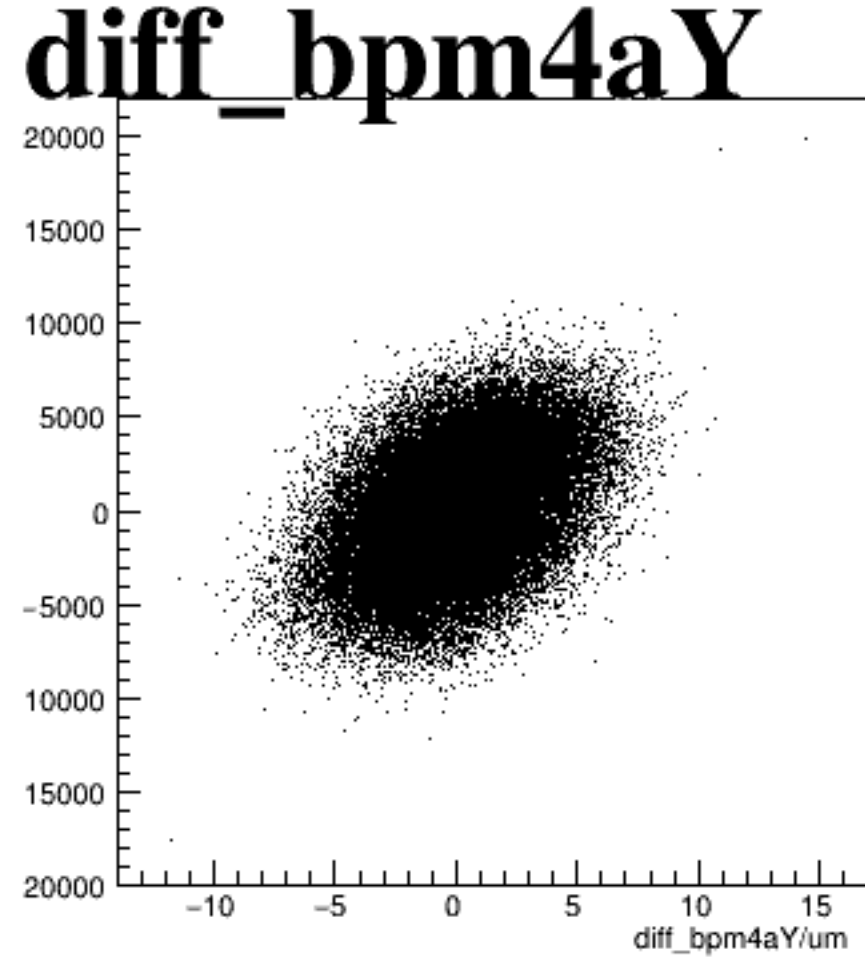
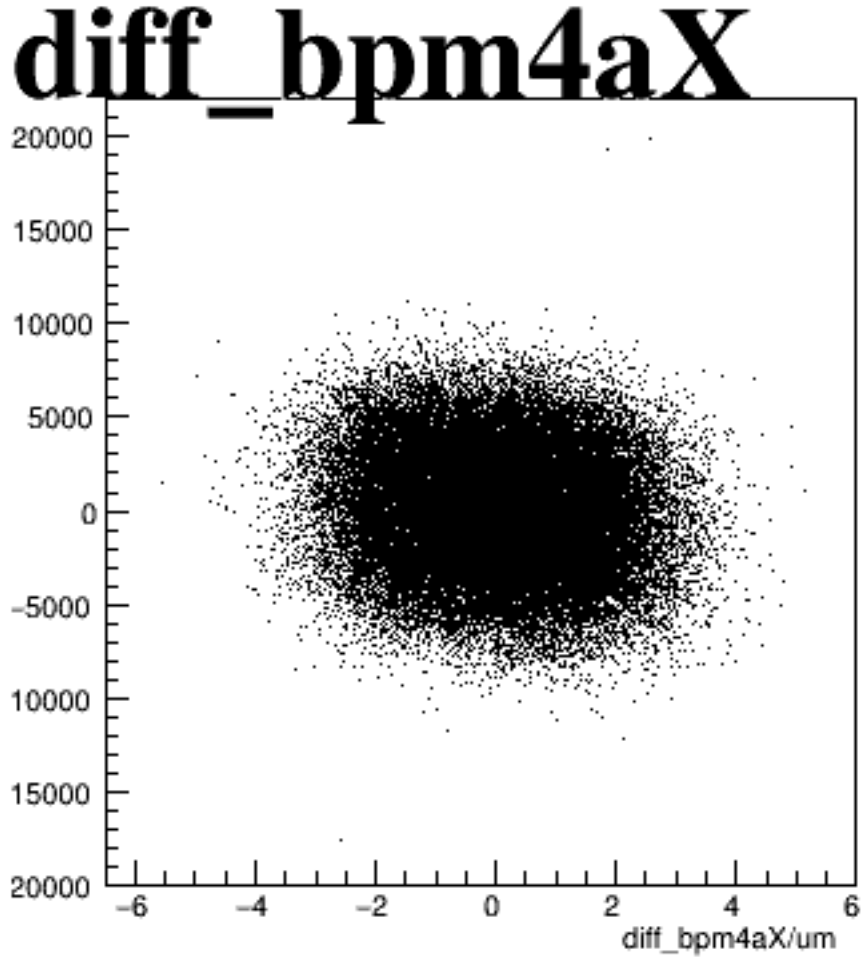
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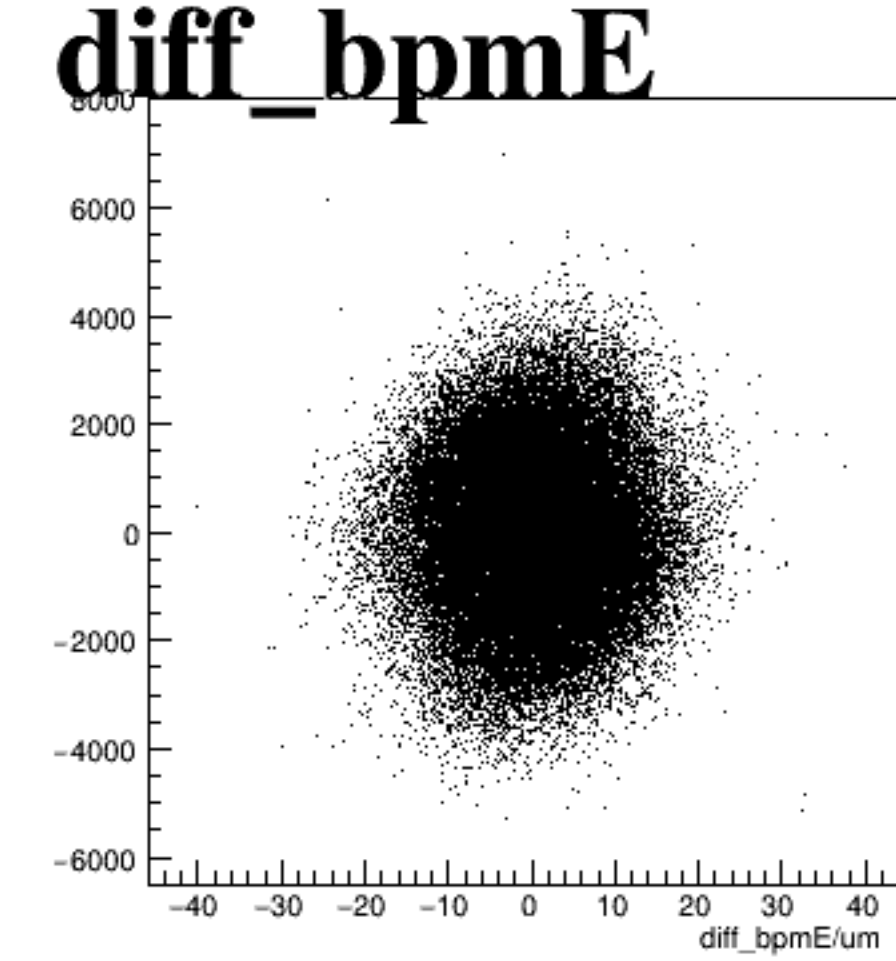
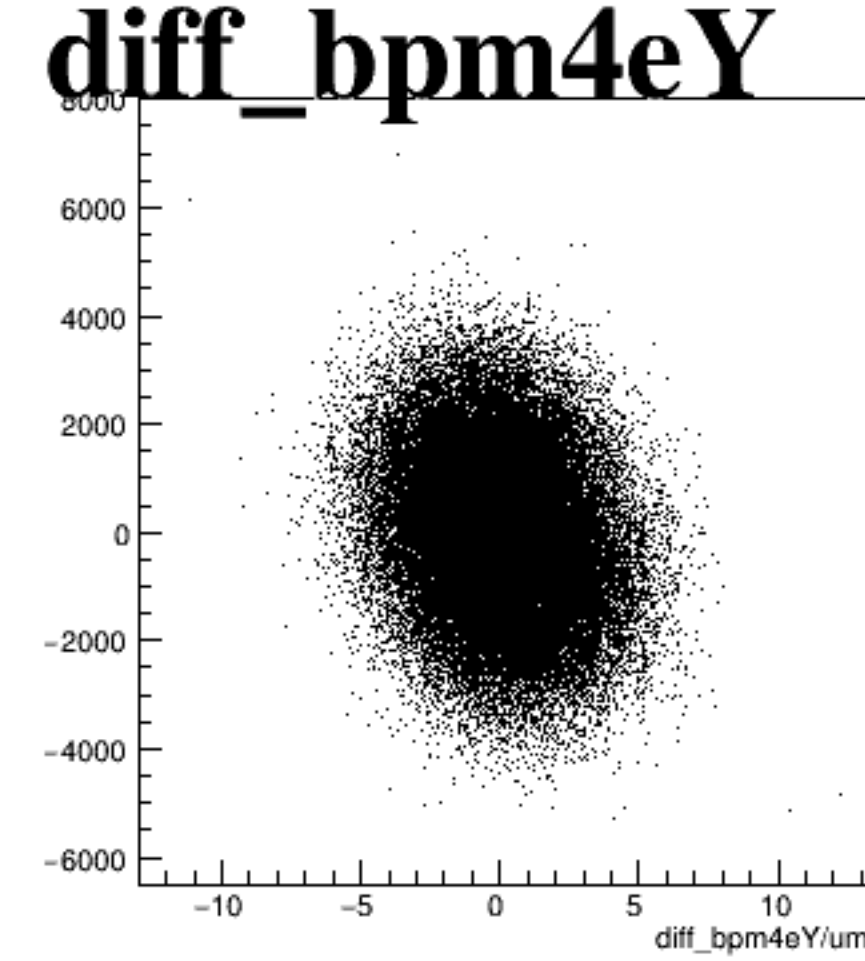
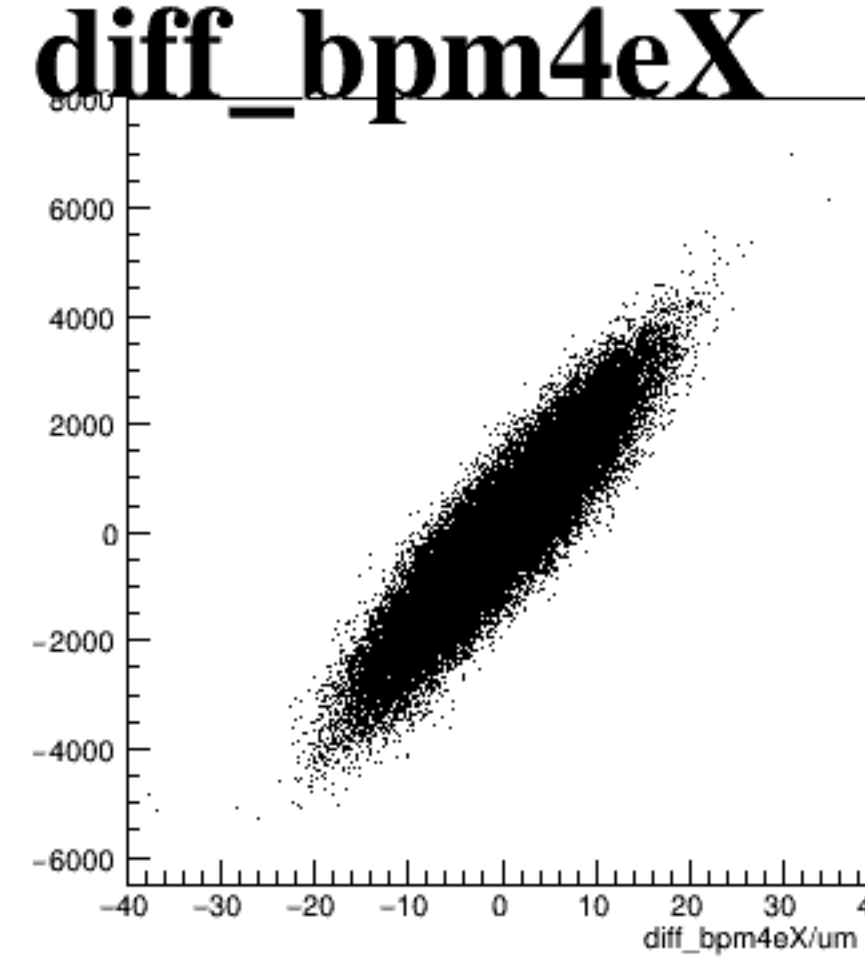
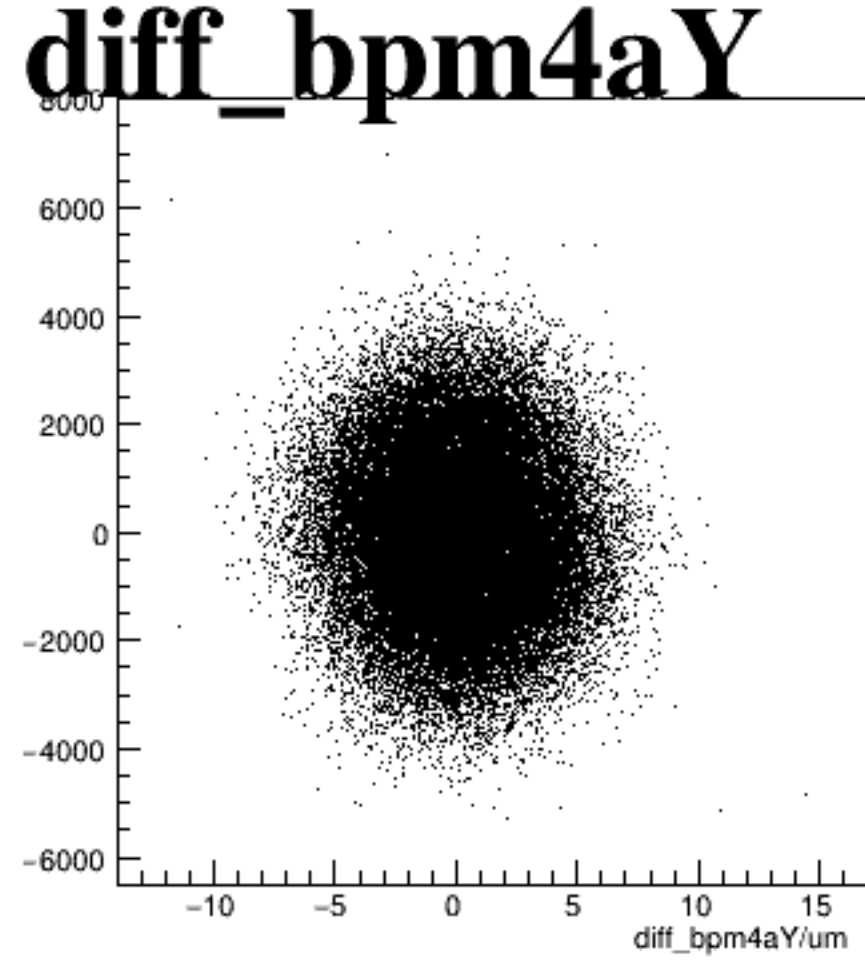
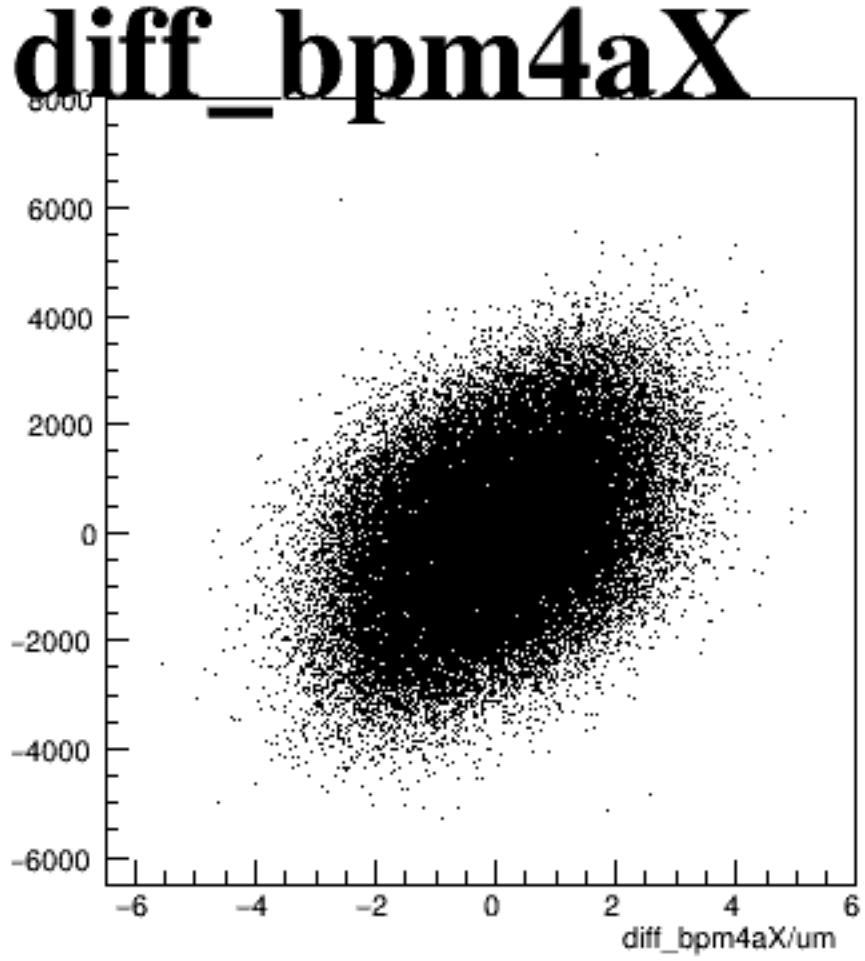
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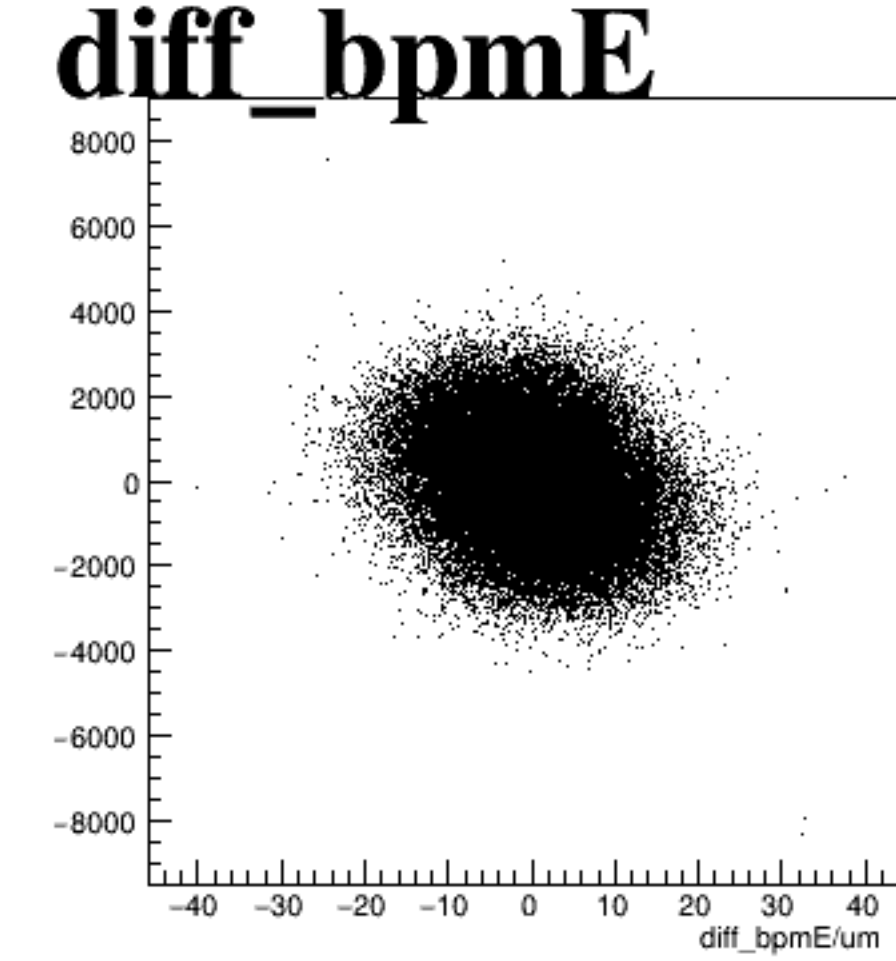
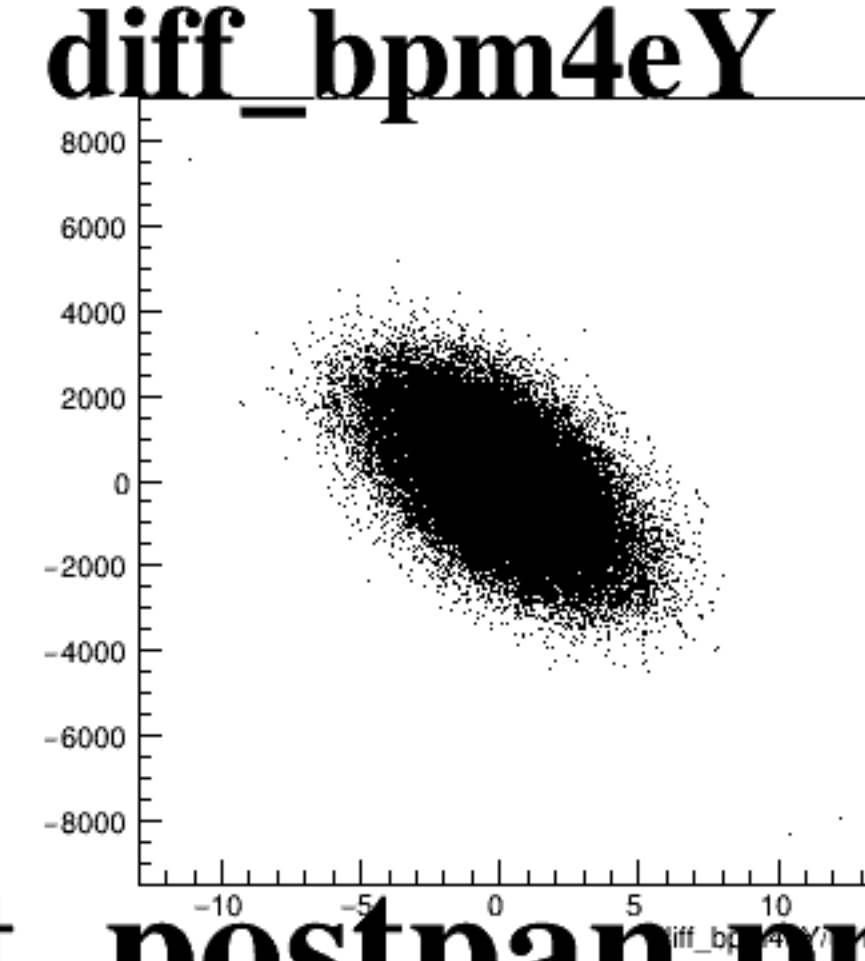
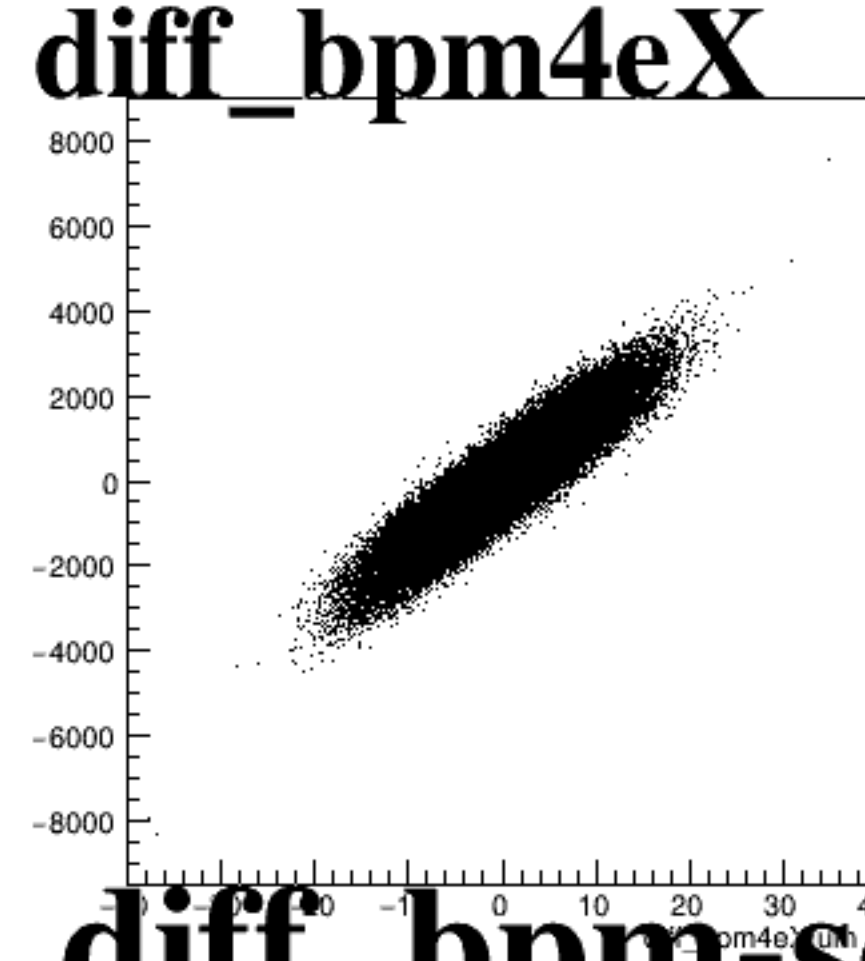
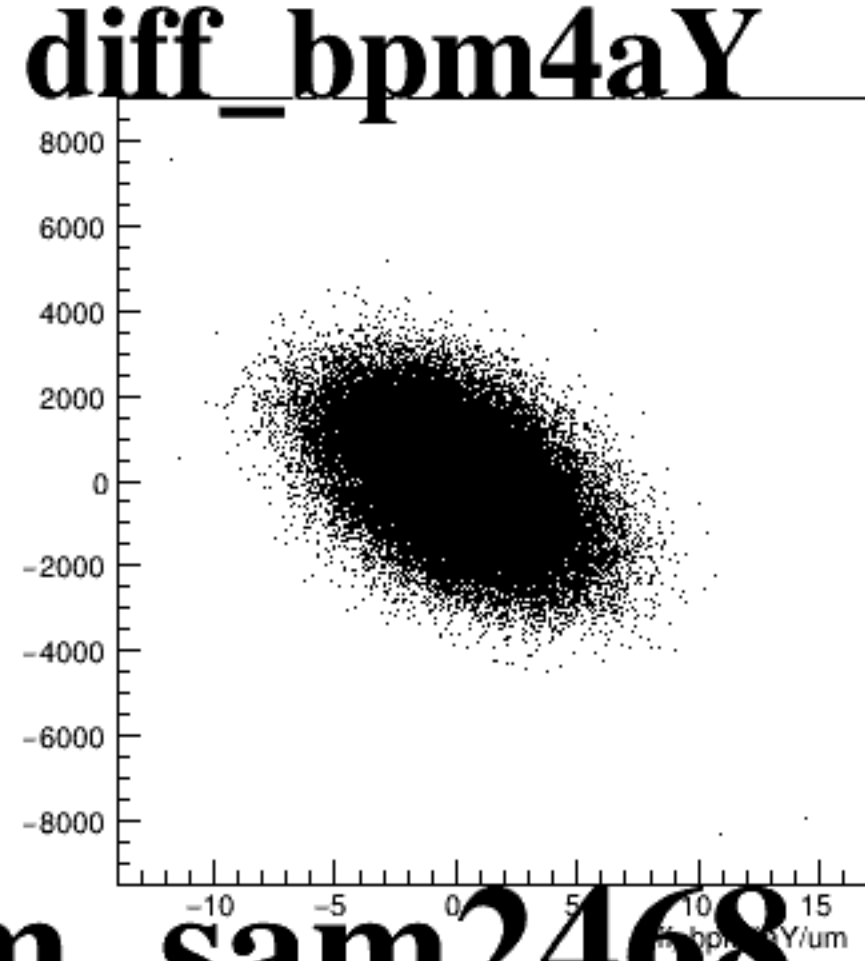
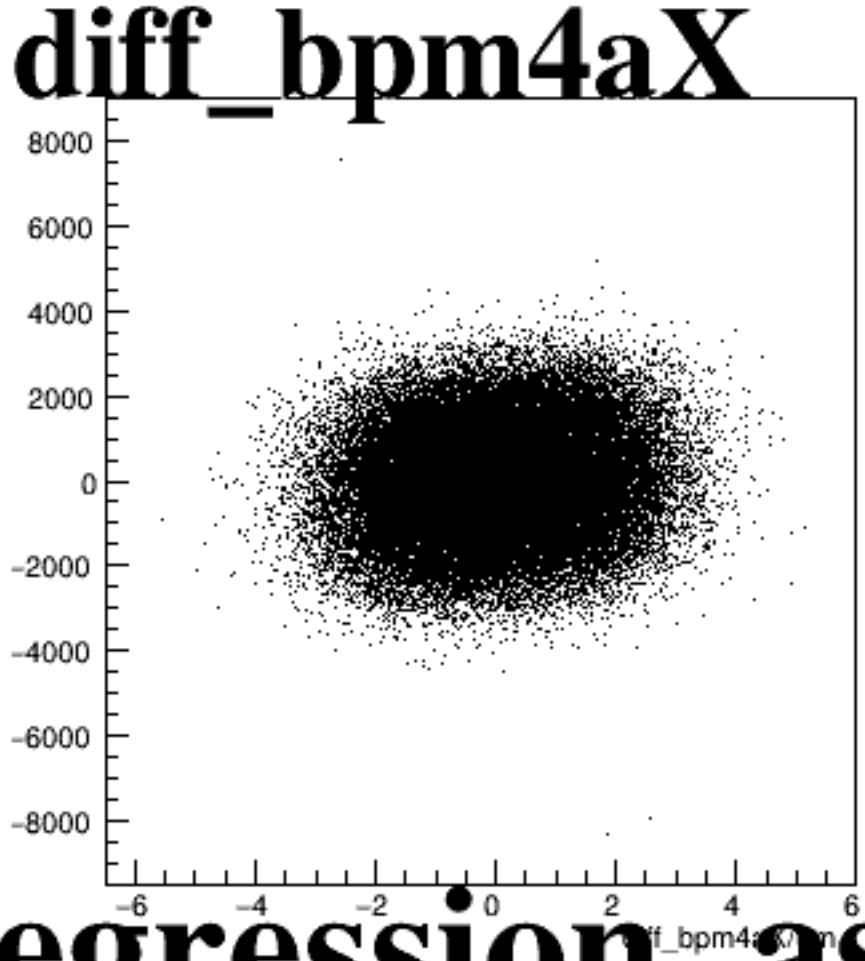
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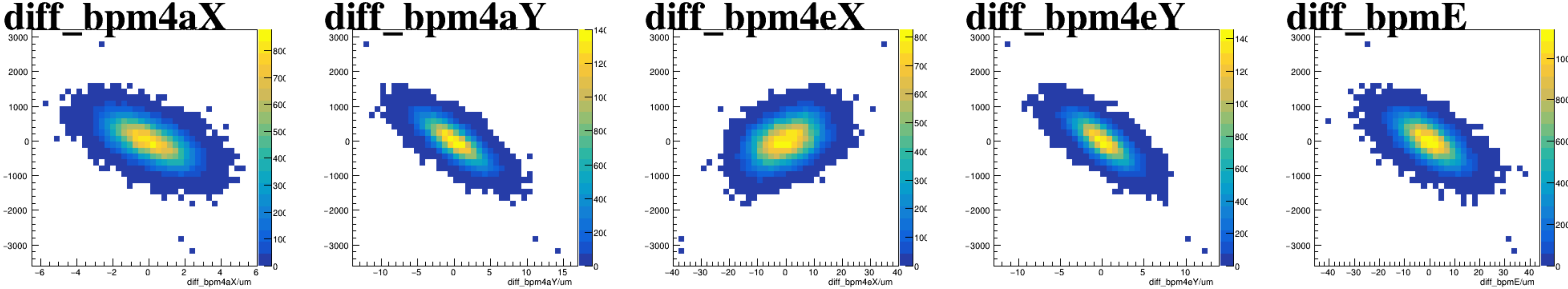


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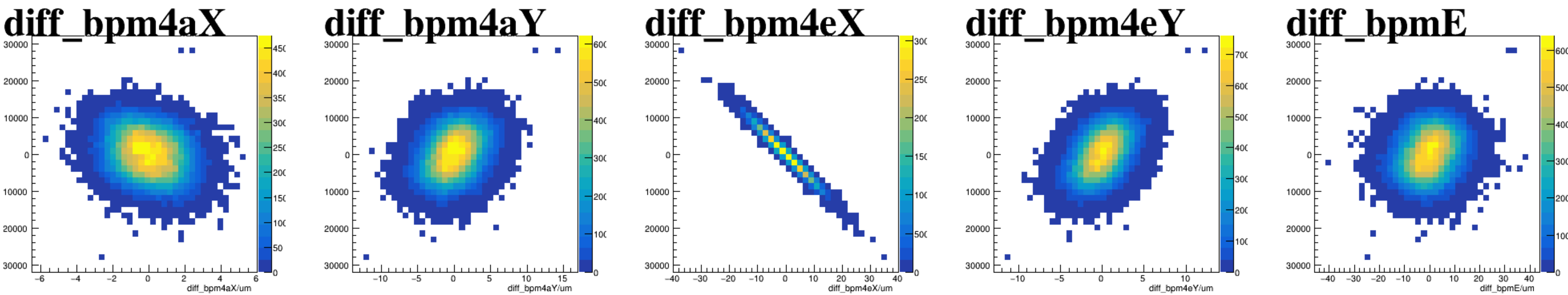


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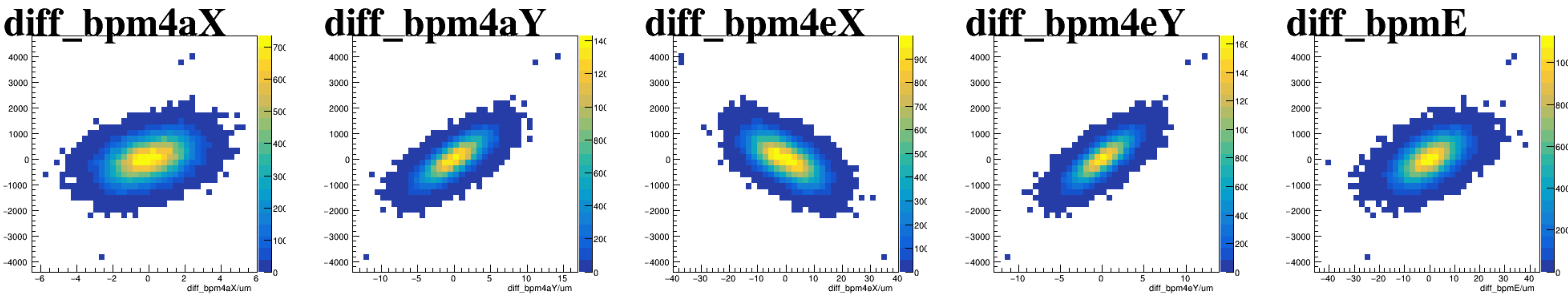
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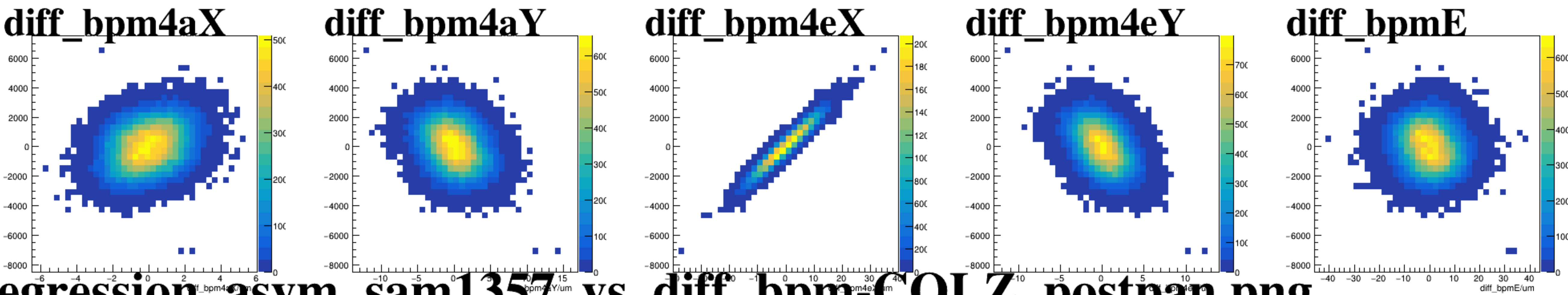
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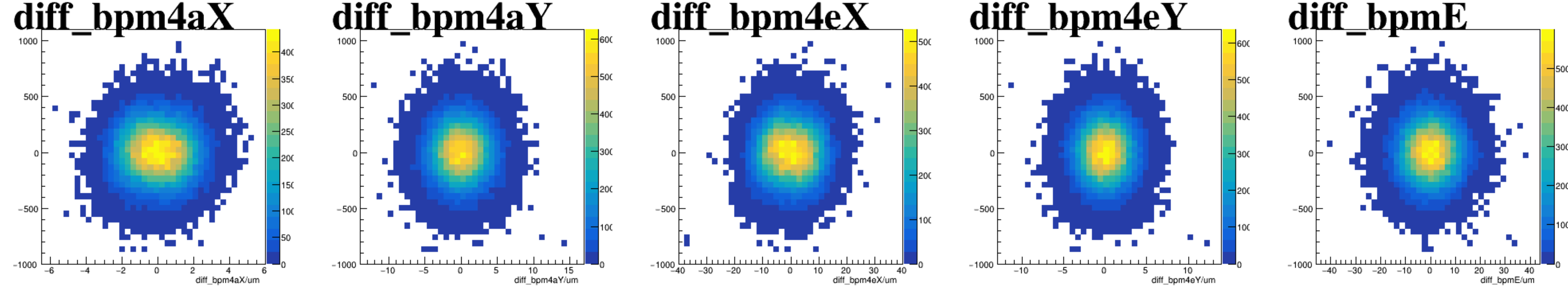
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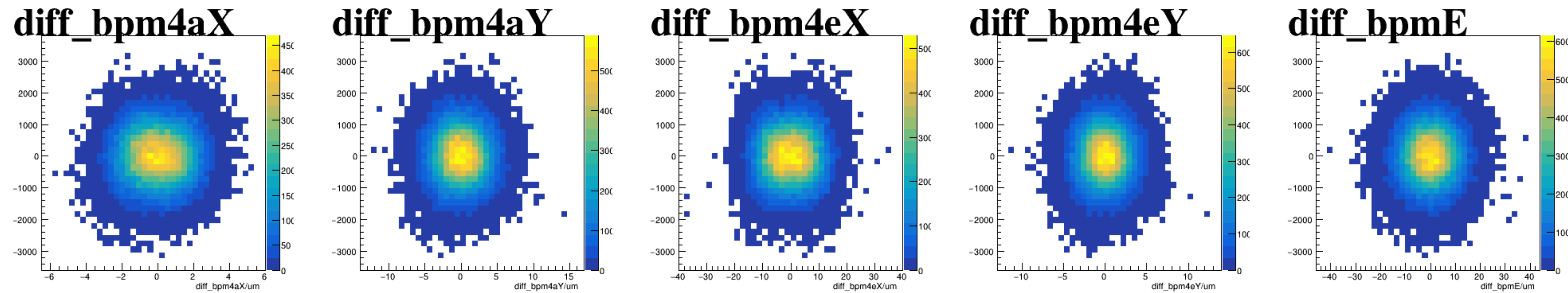
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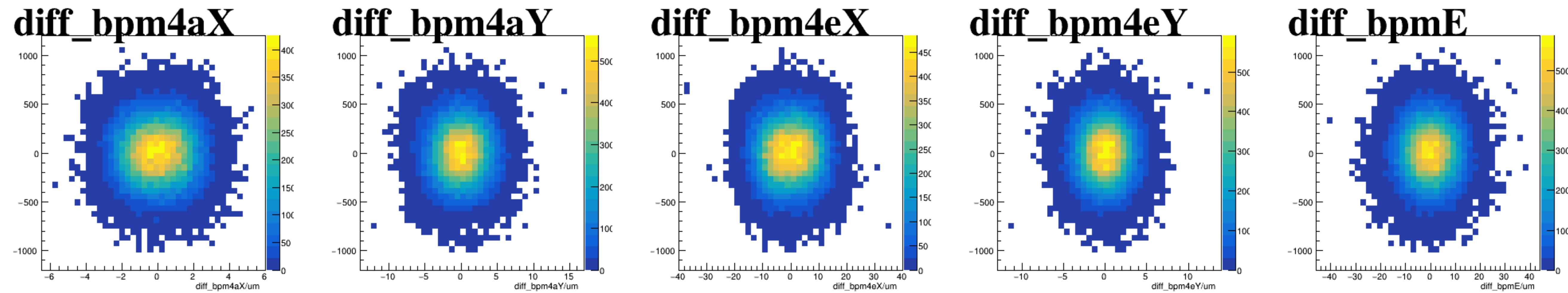
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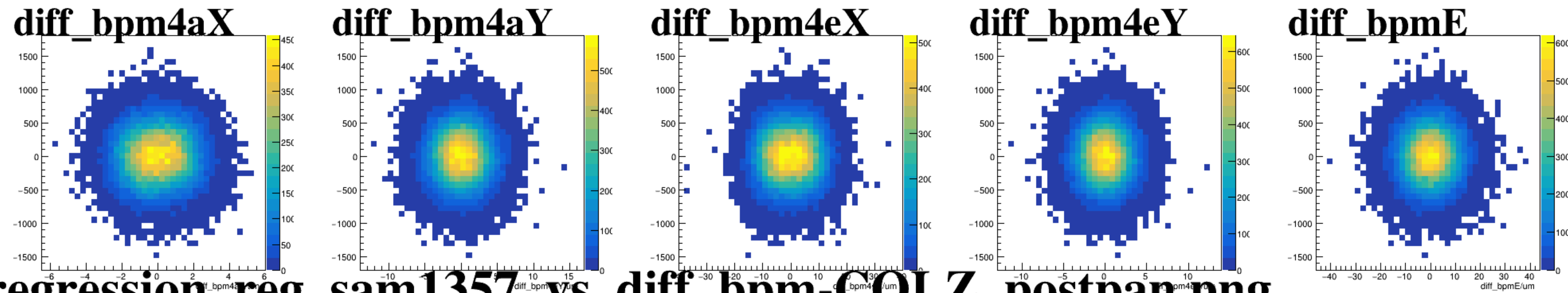
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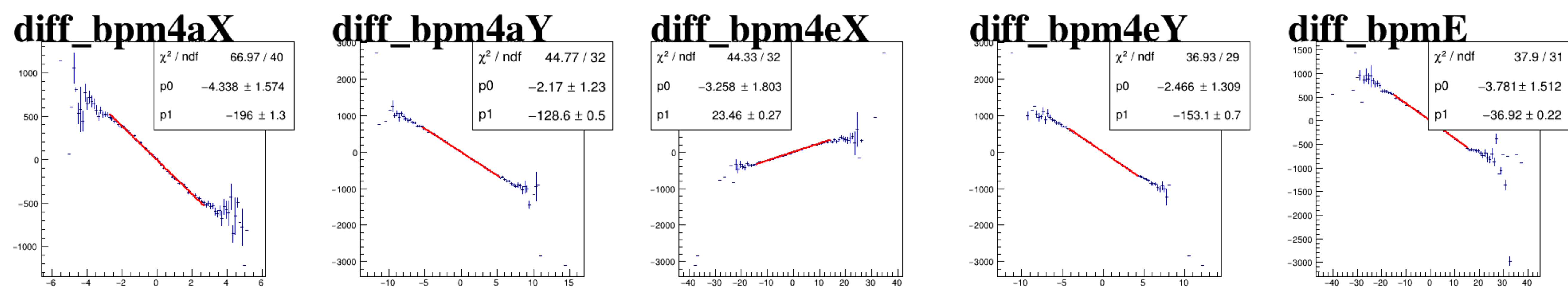
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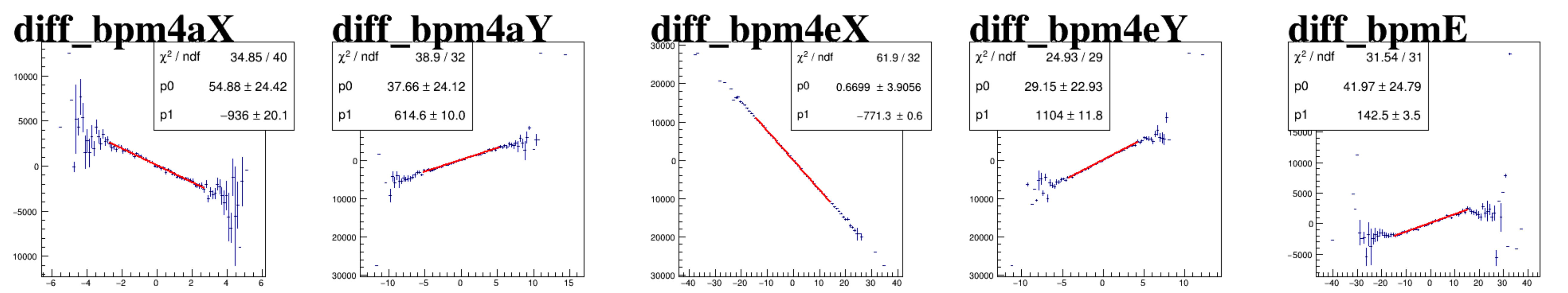
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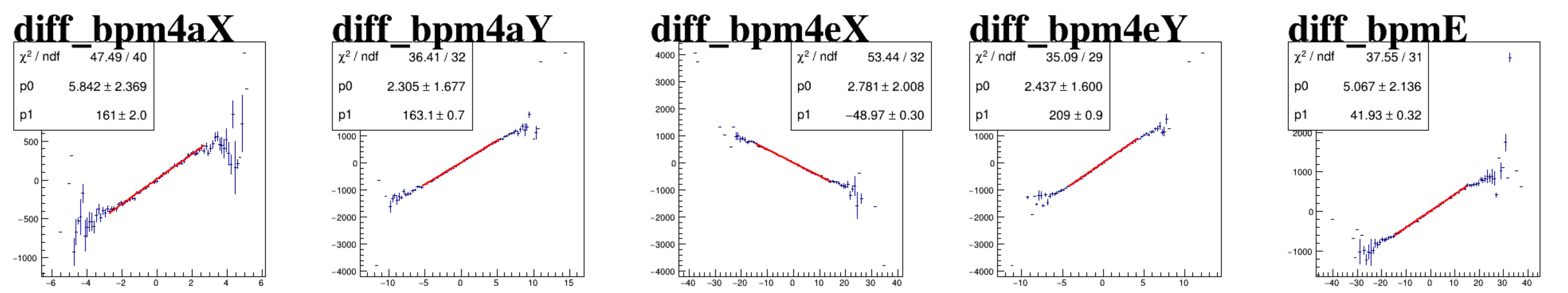
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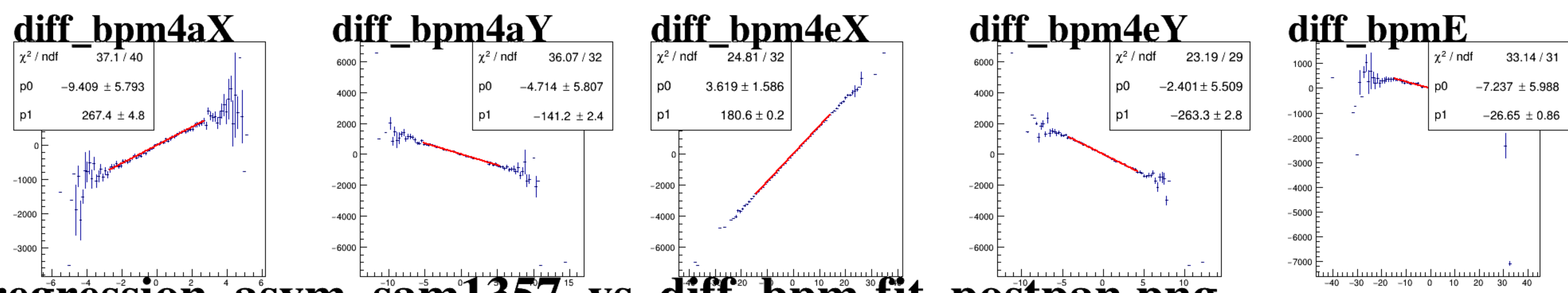
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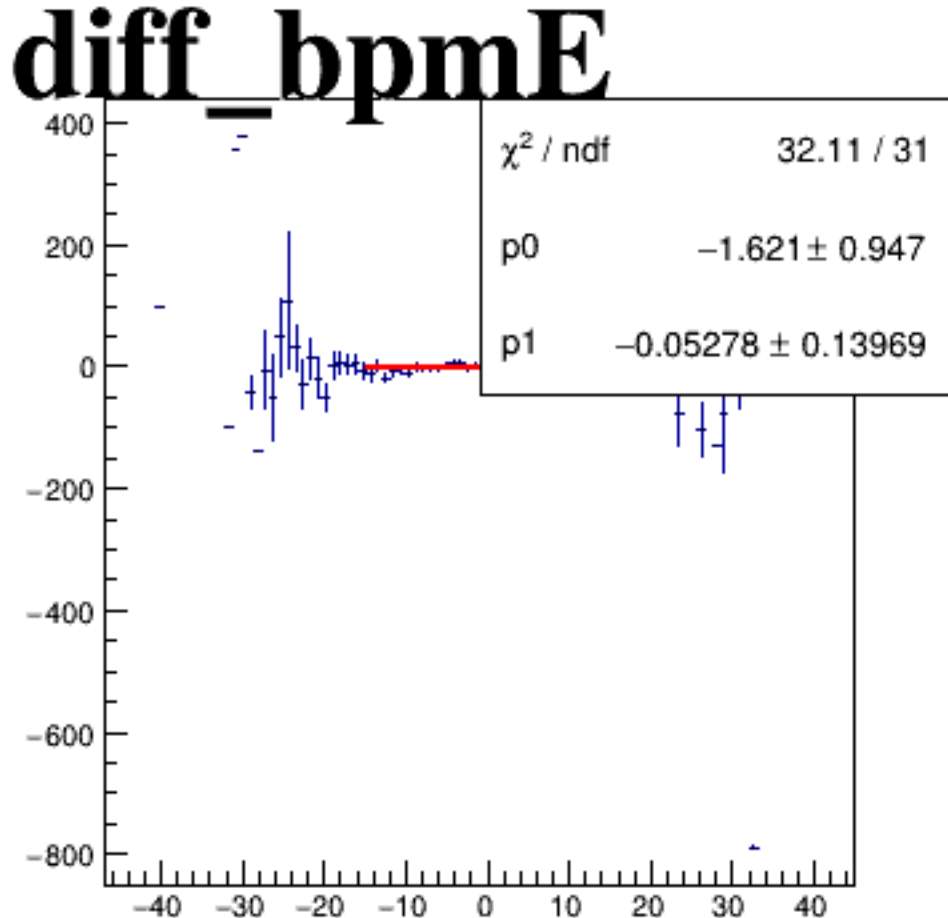
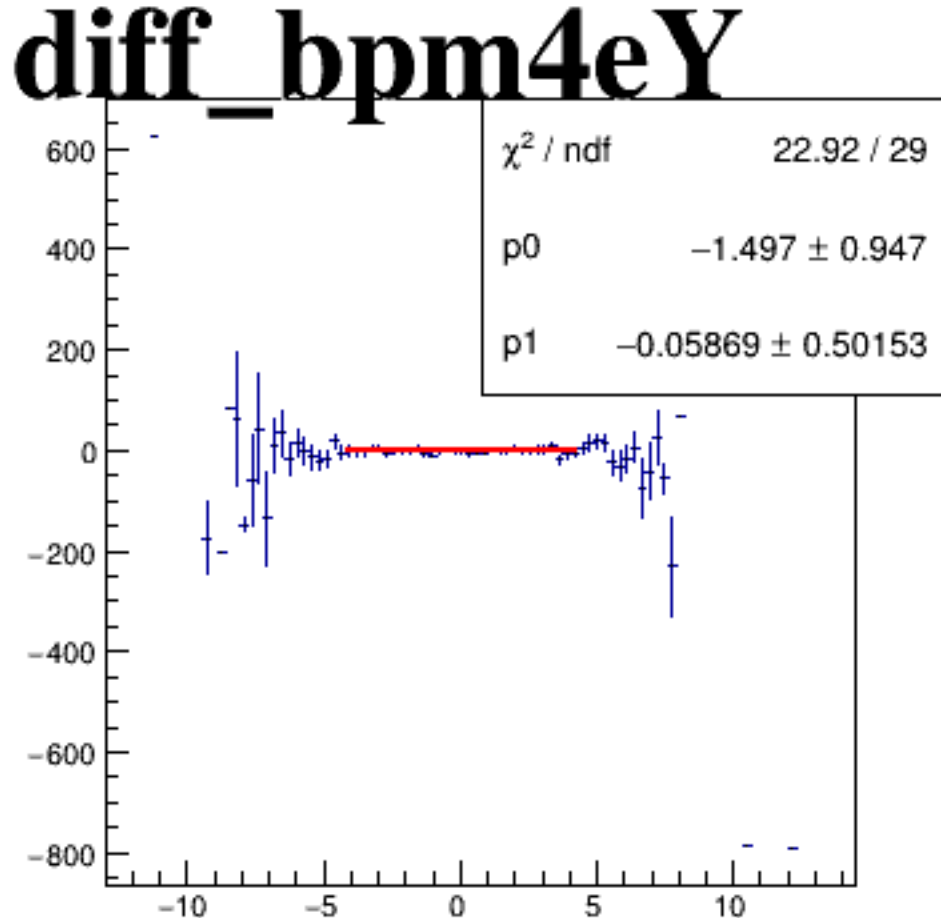
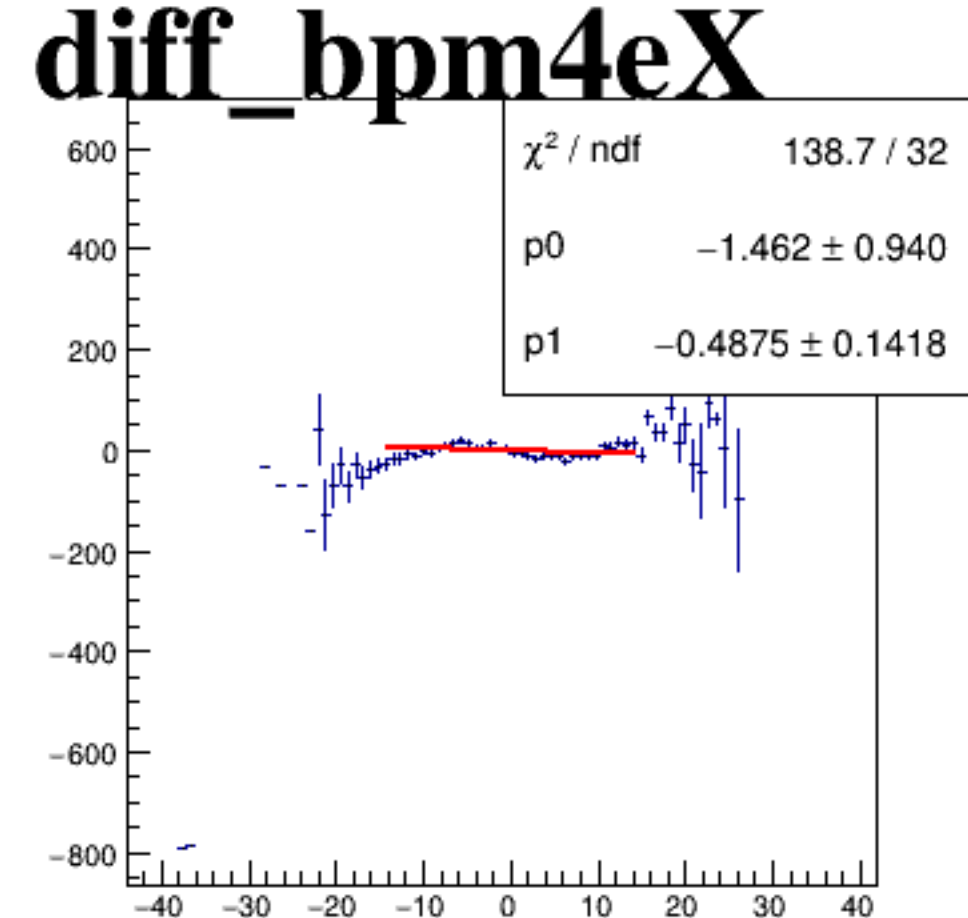
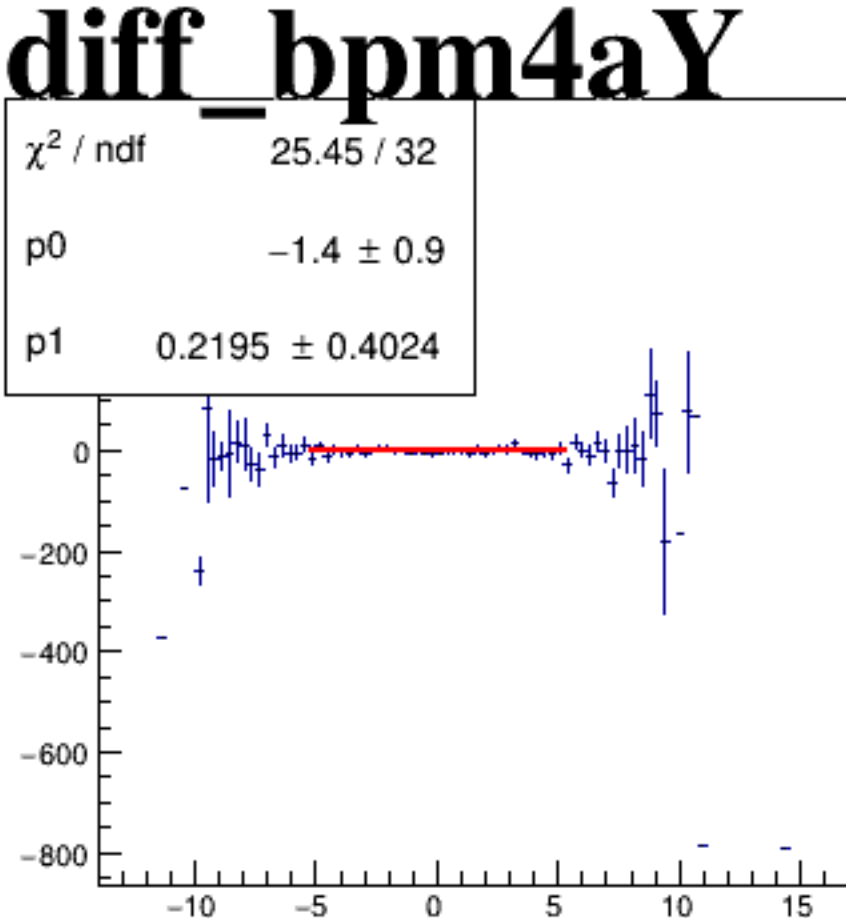
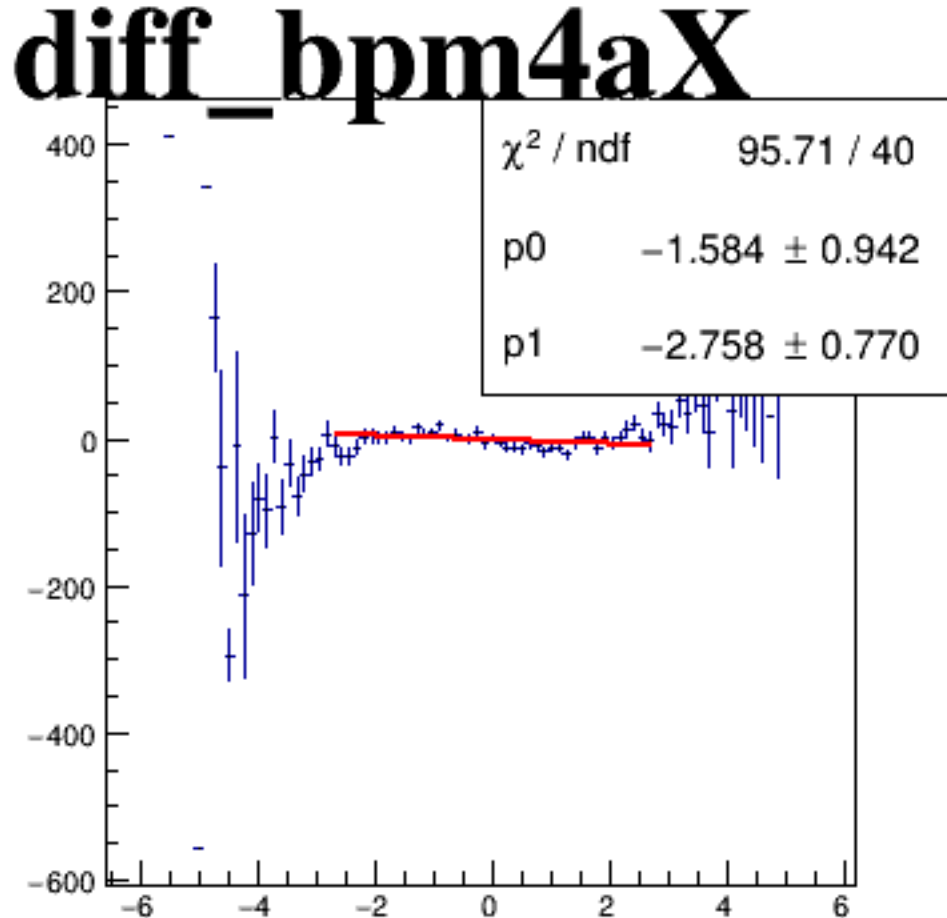
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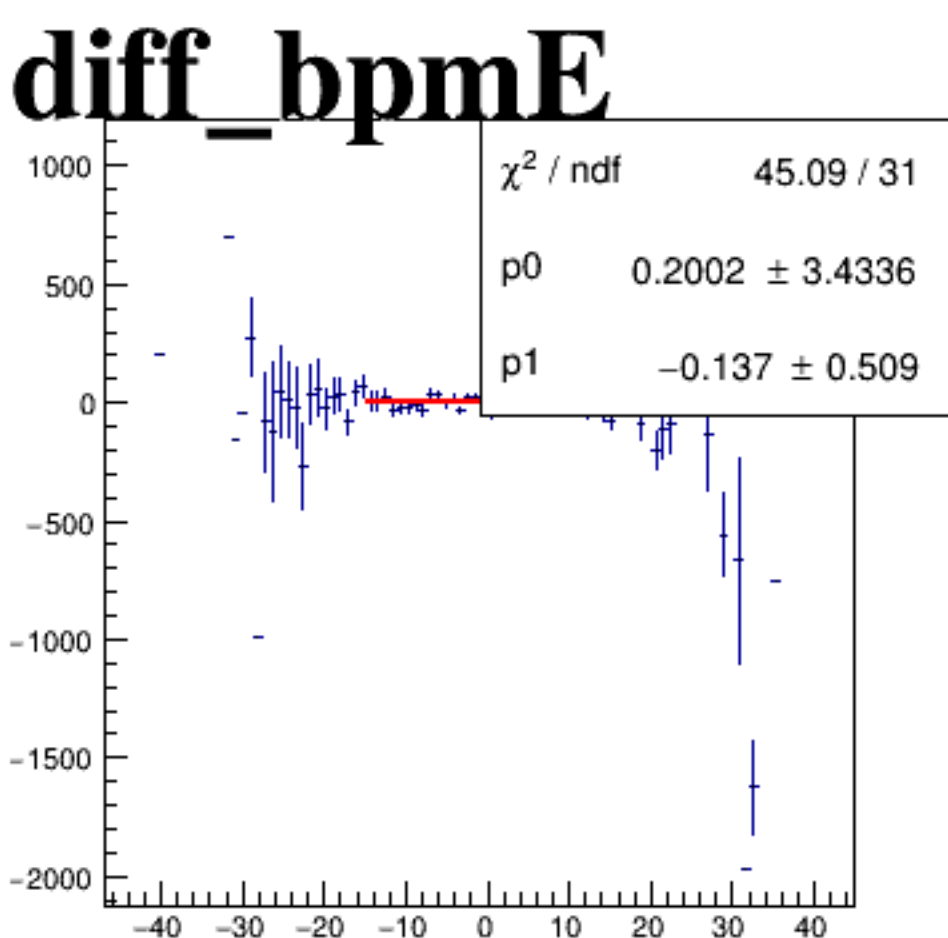
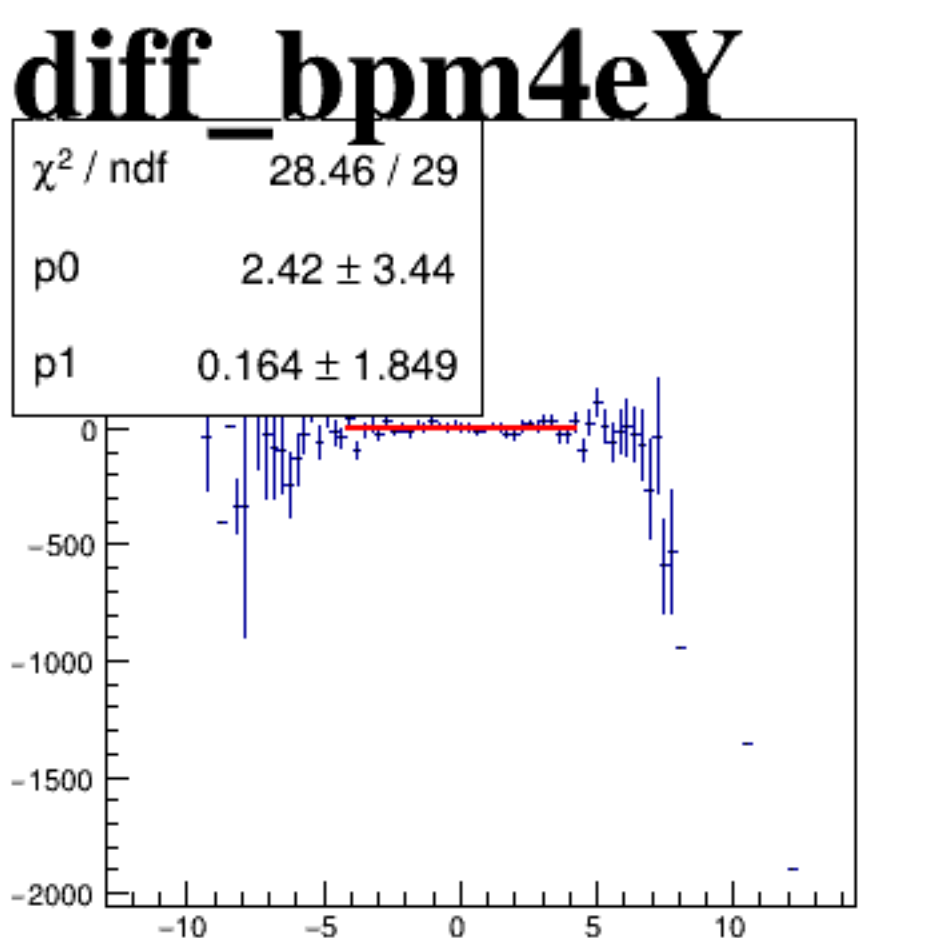
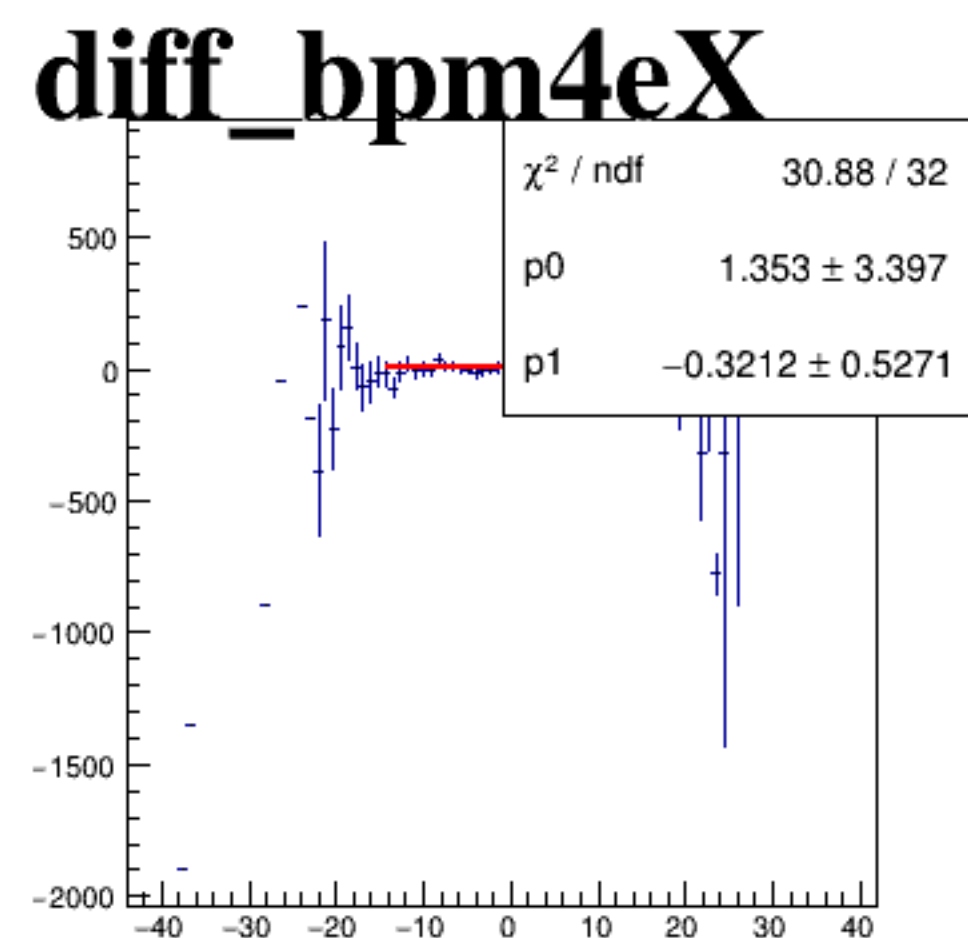
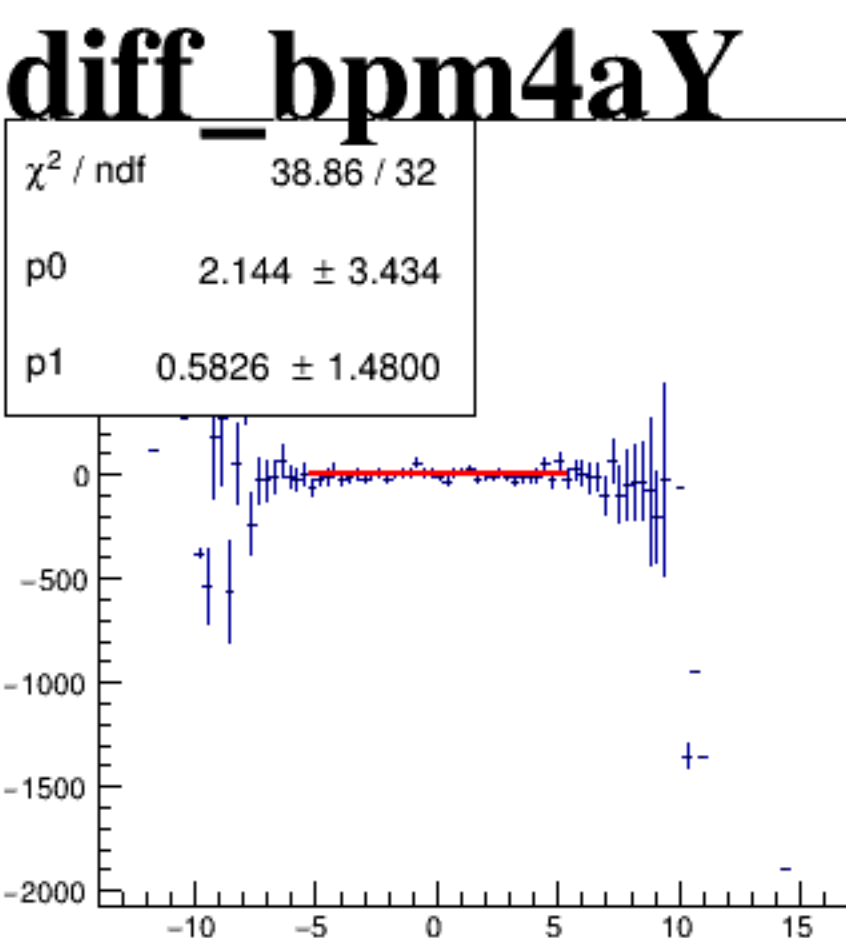
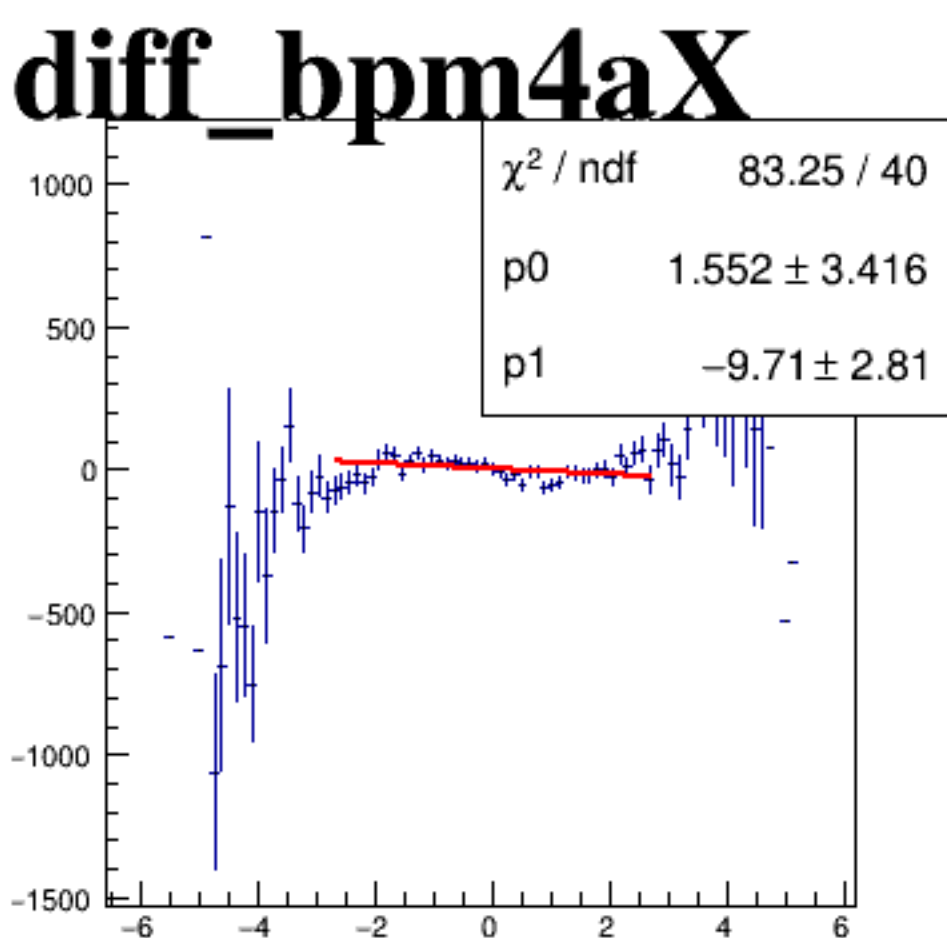
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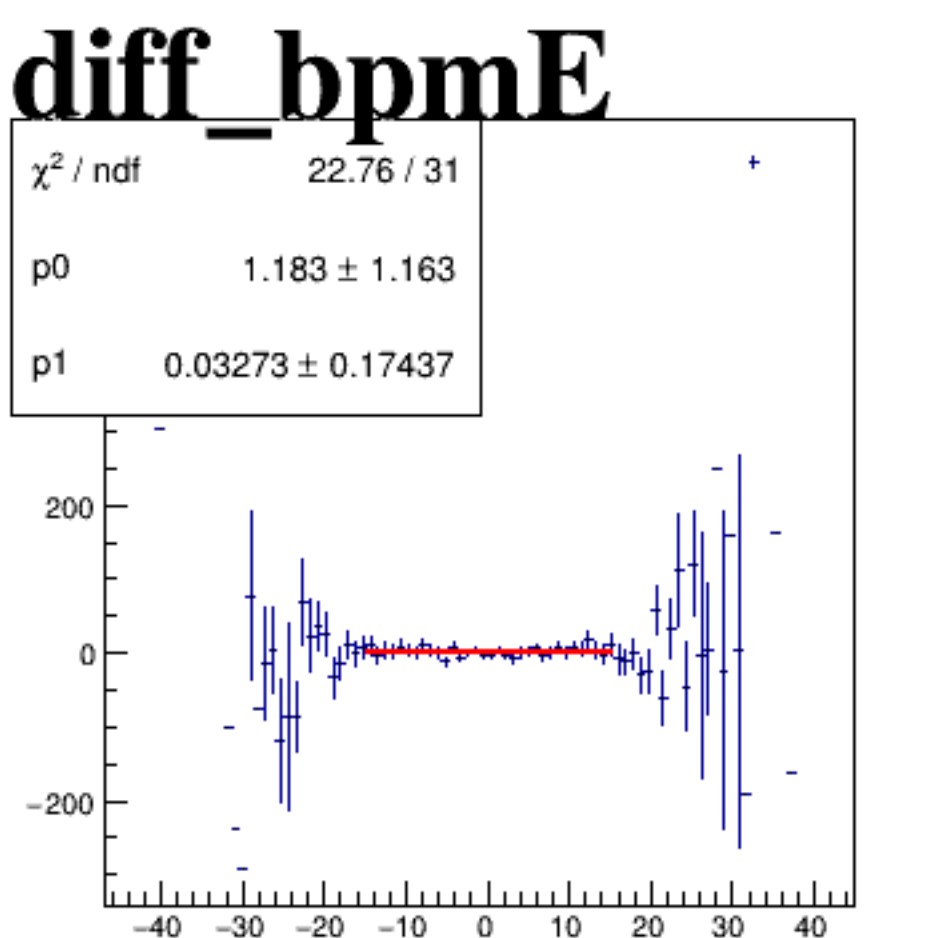
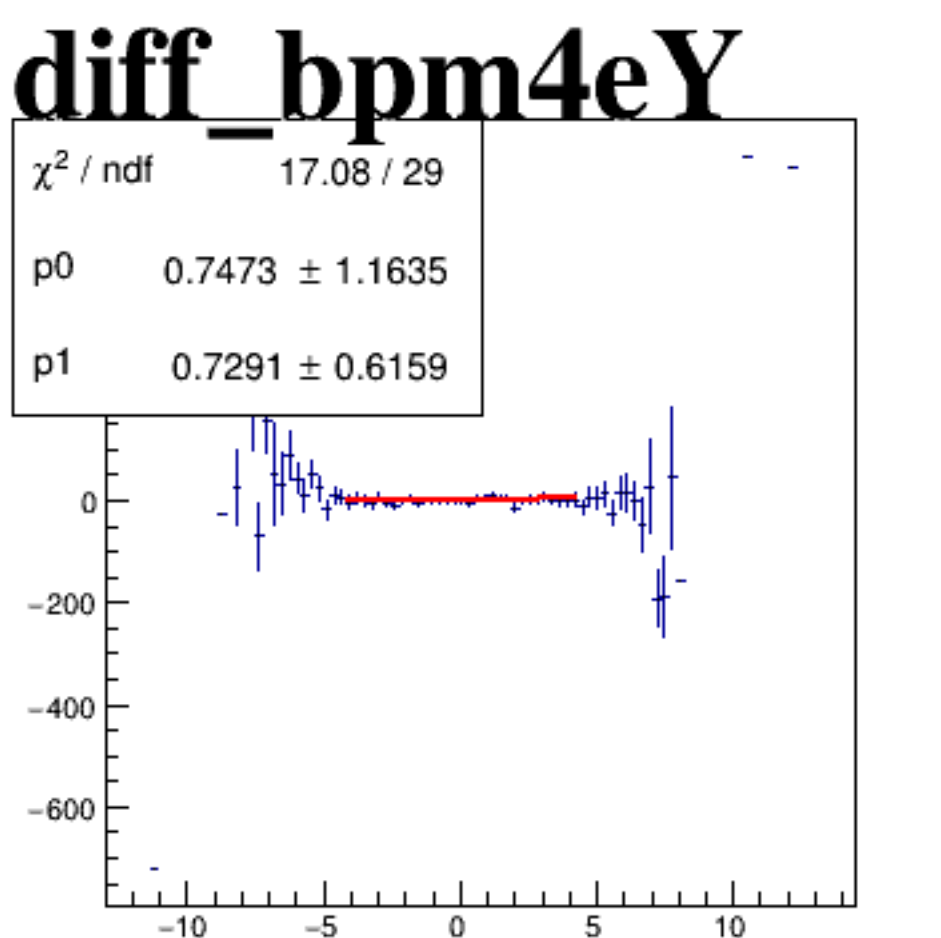
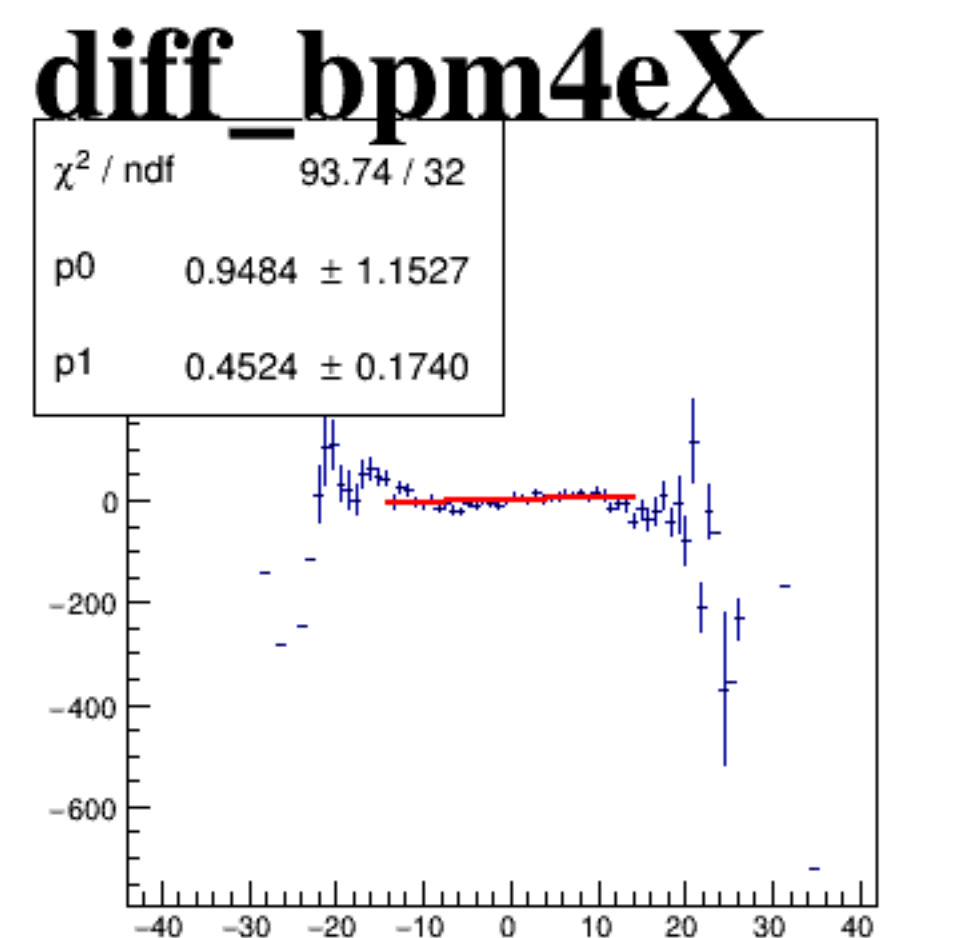
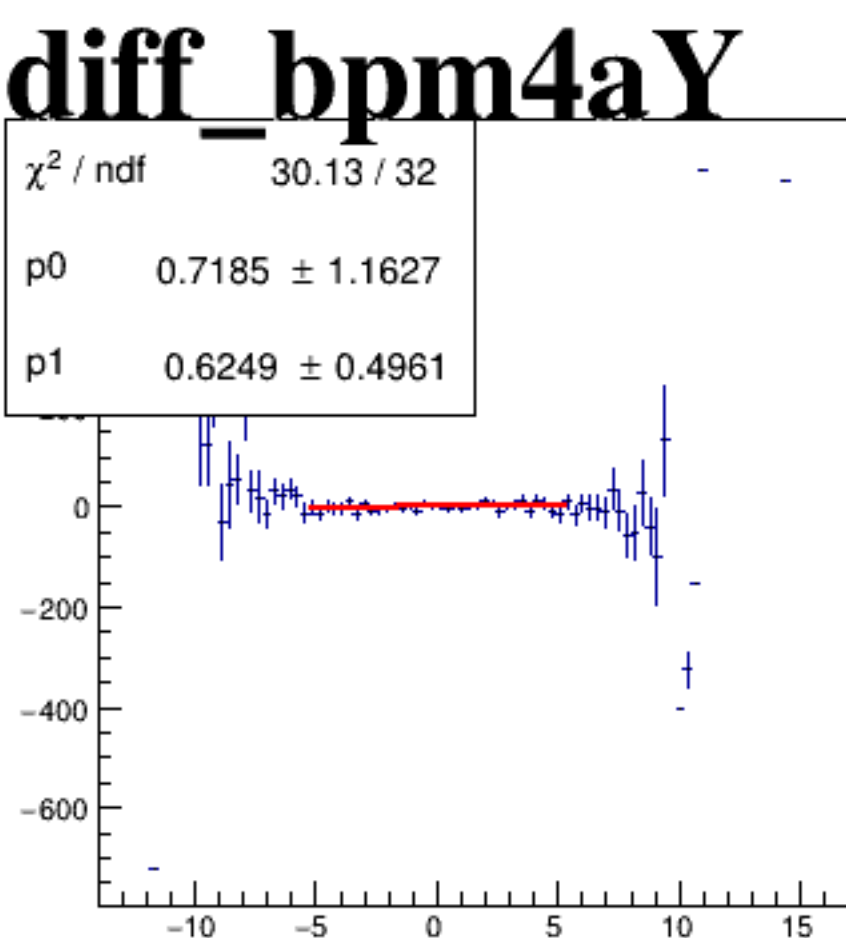
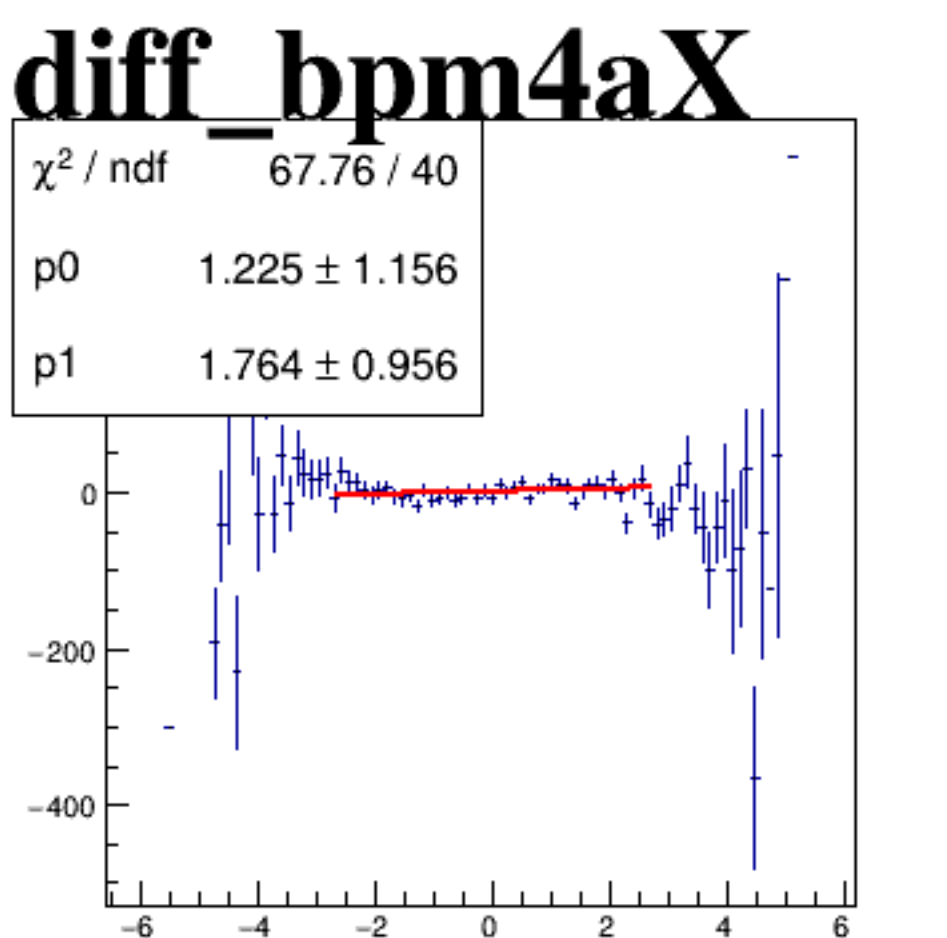
reg_asym_sam1



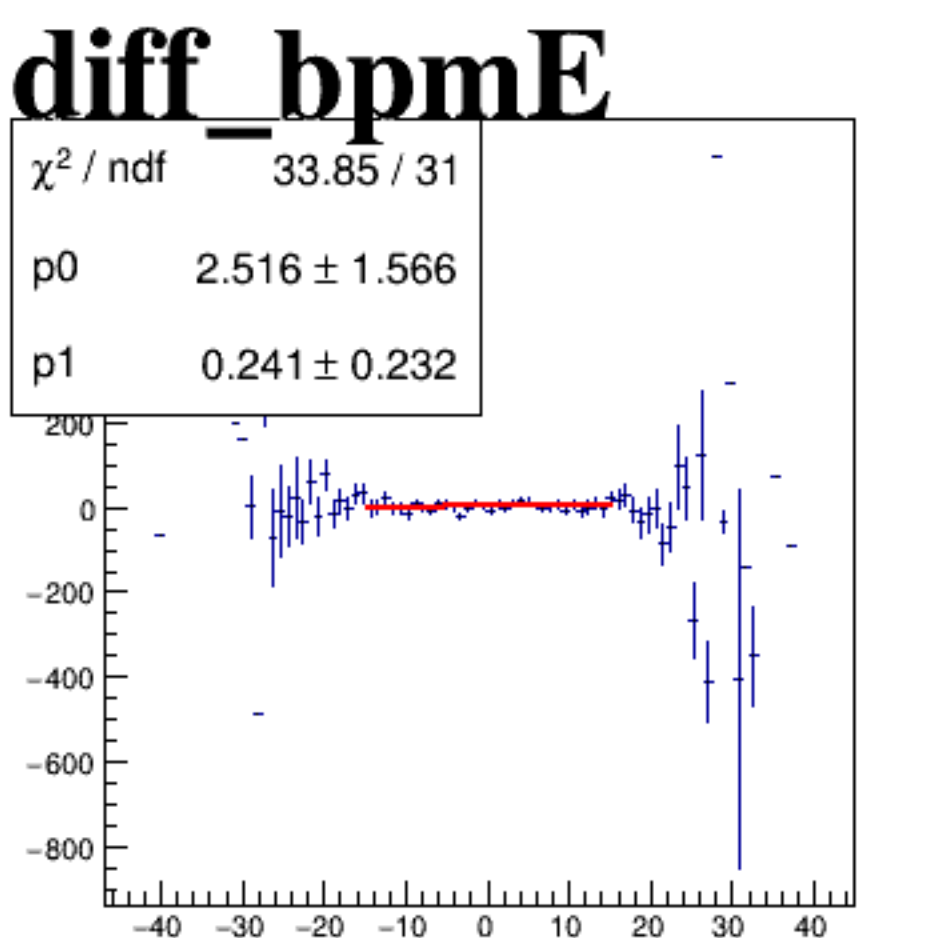
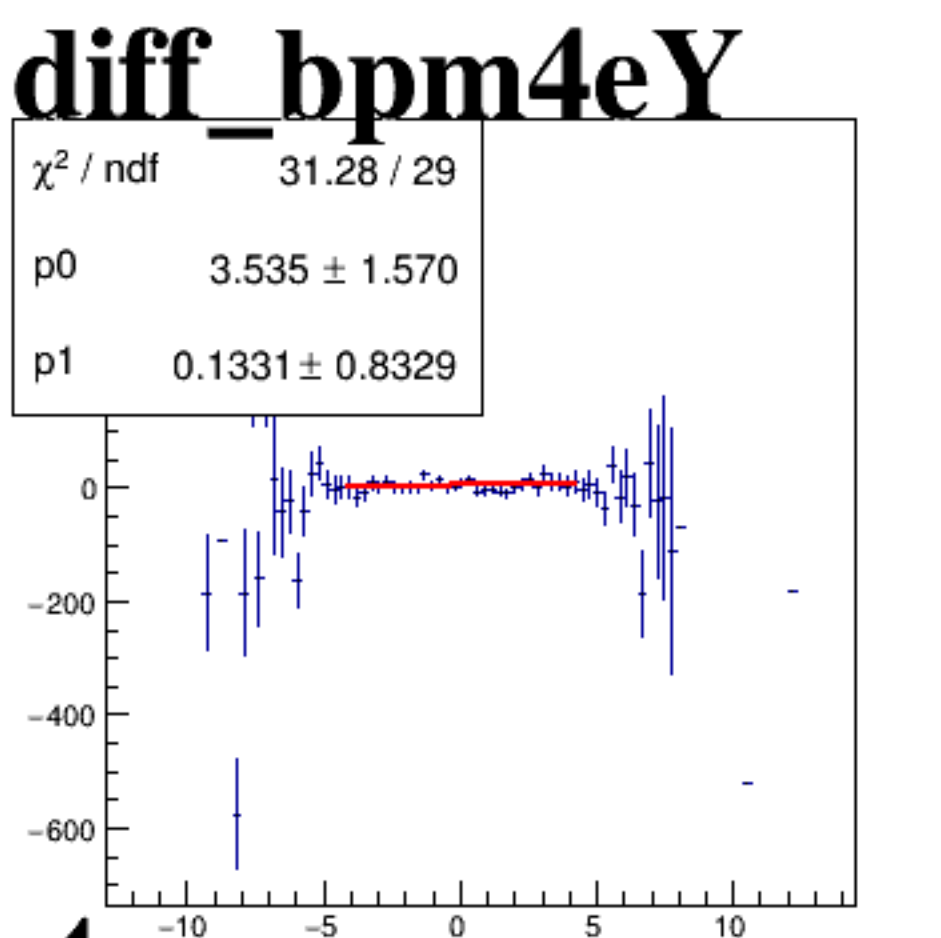
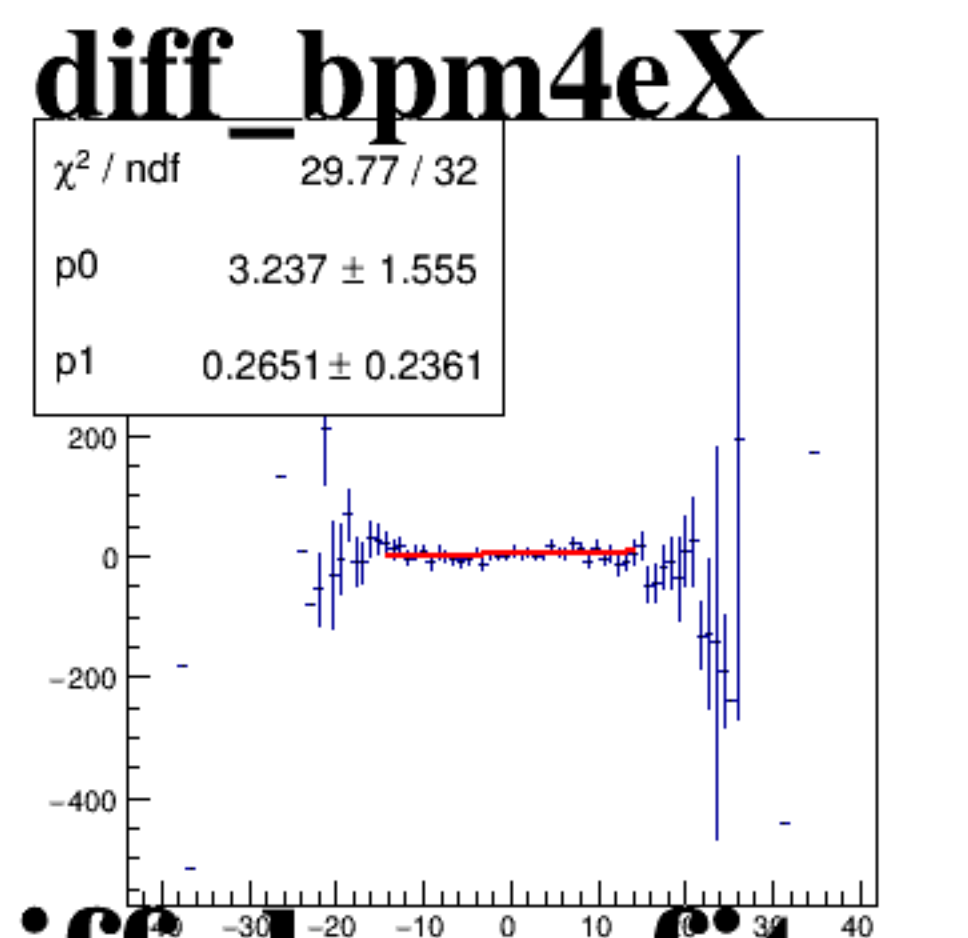
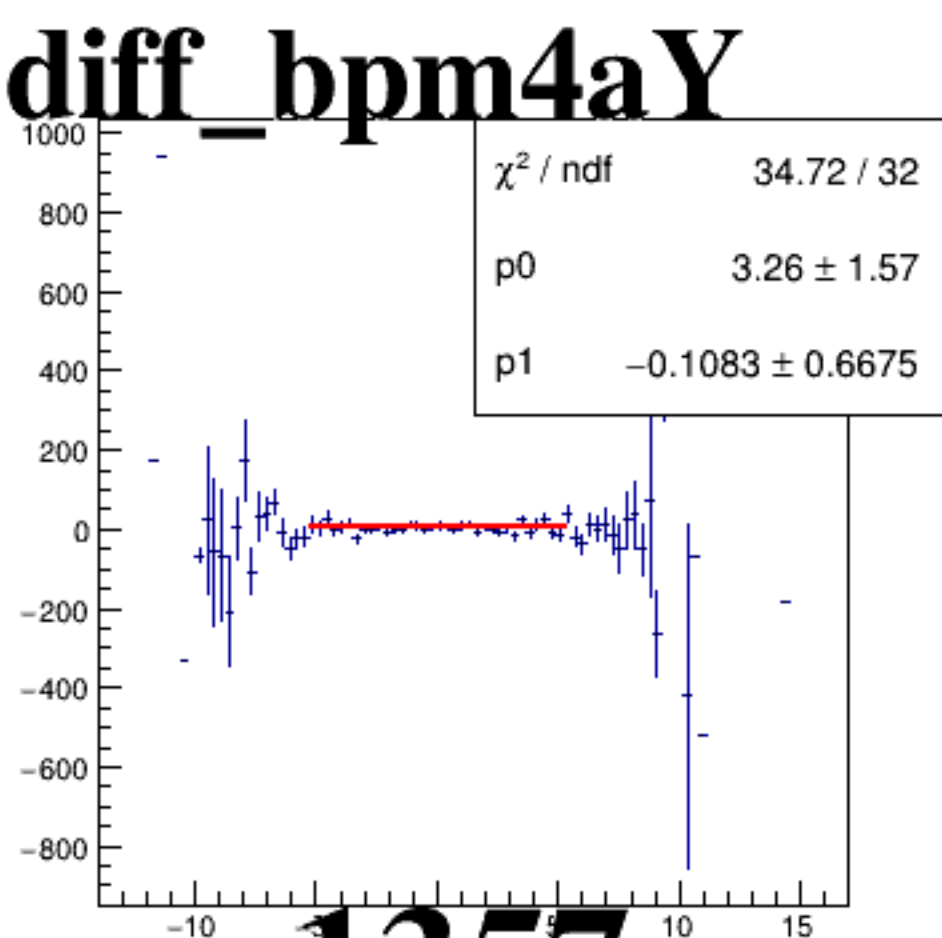
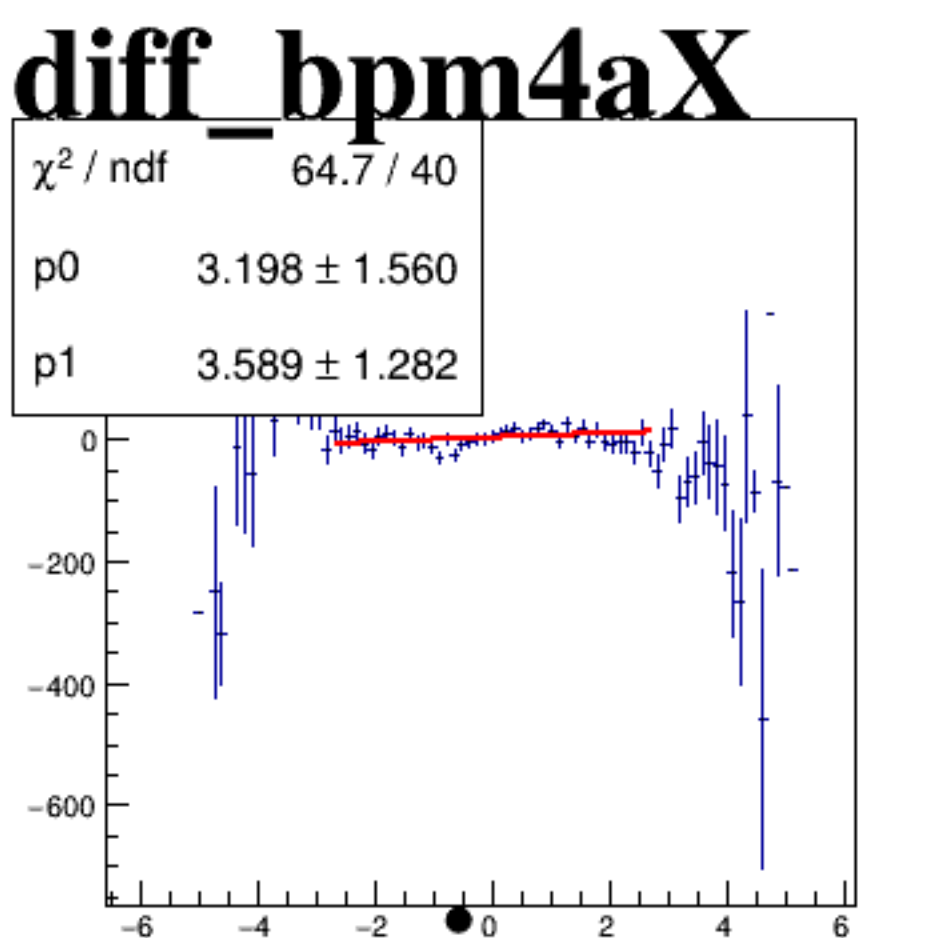
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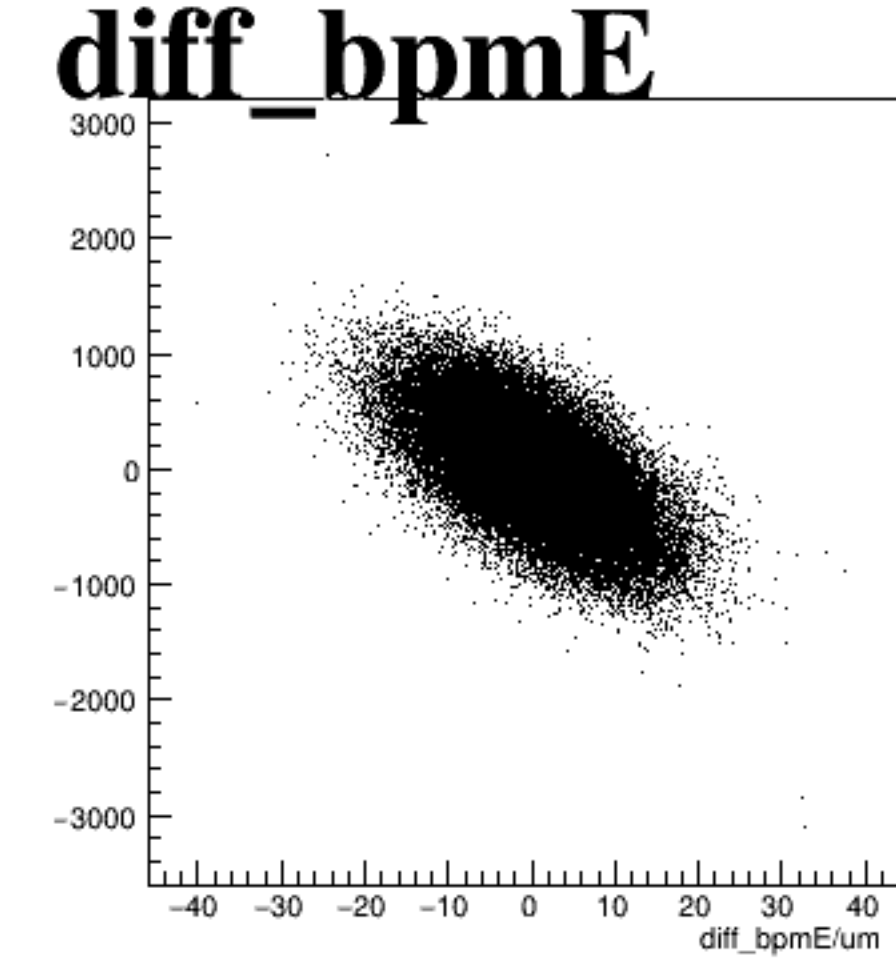
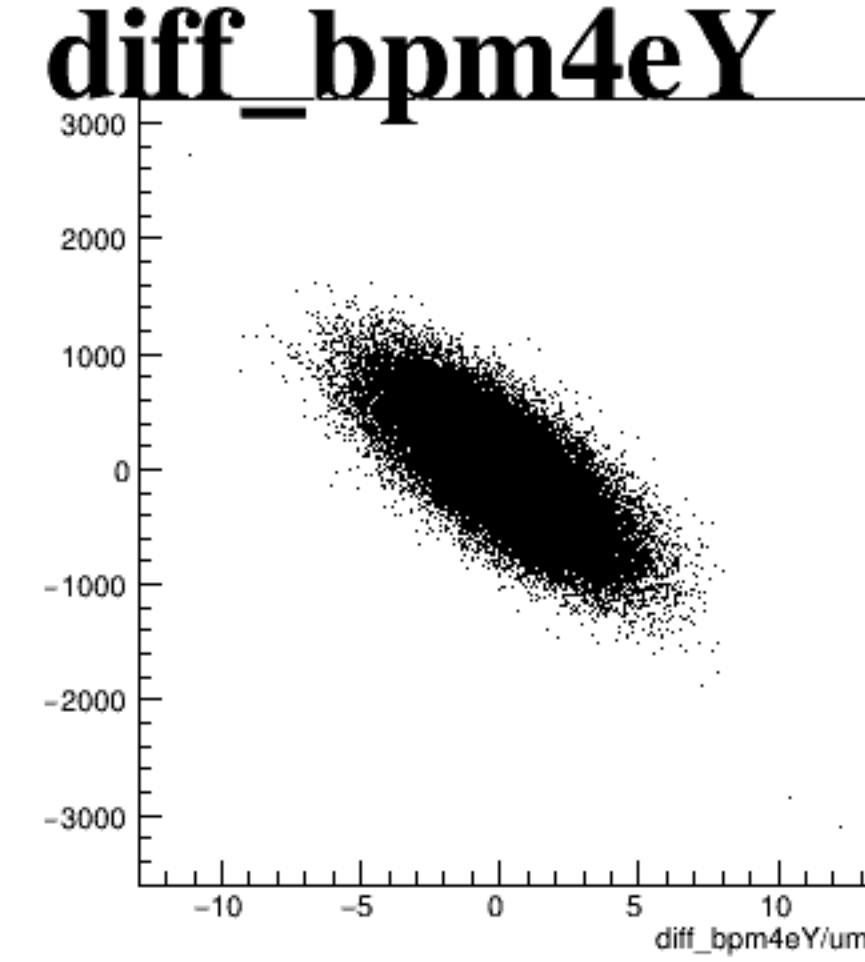
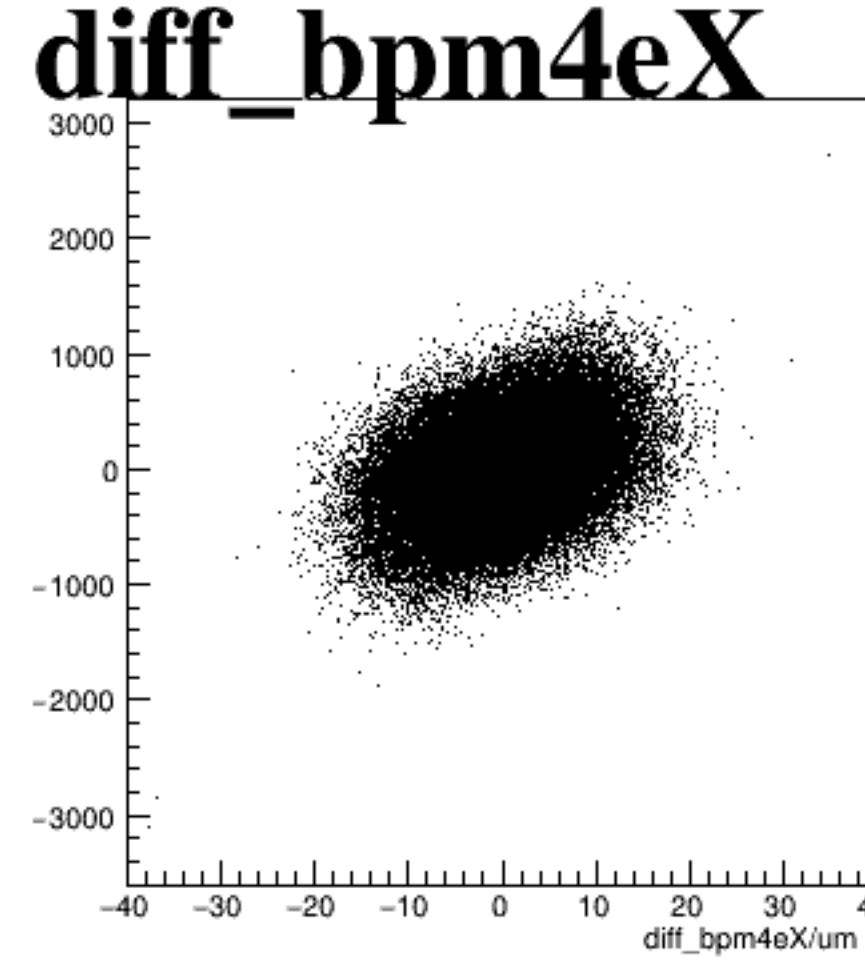
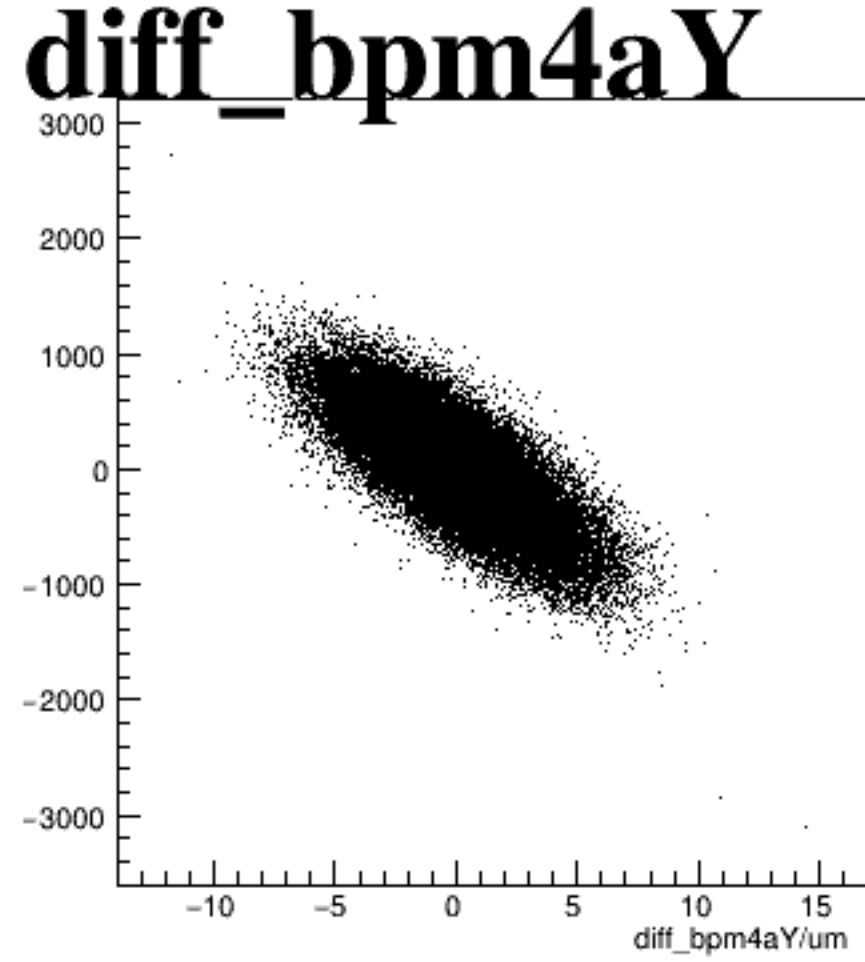
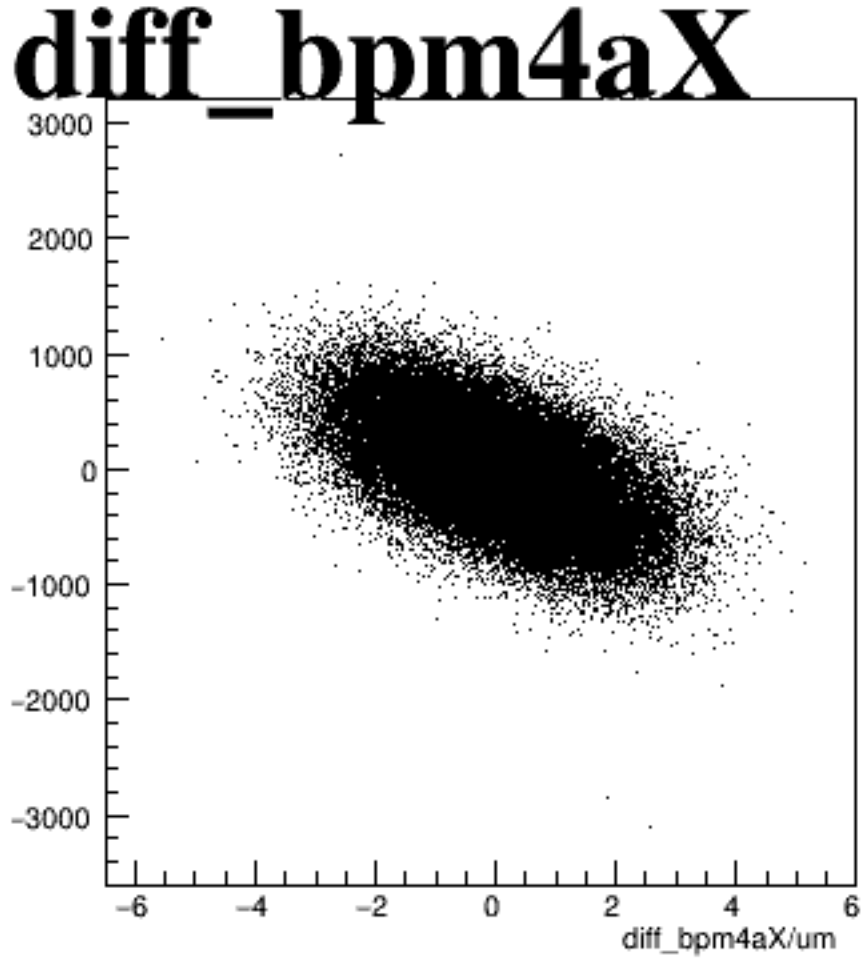
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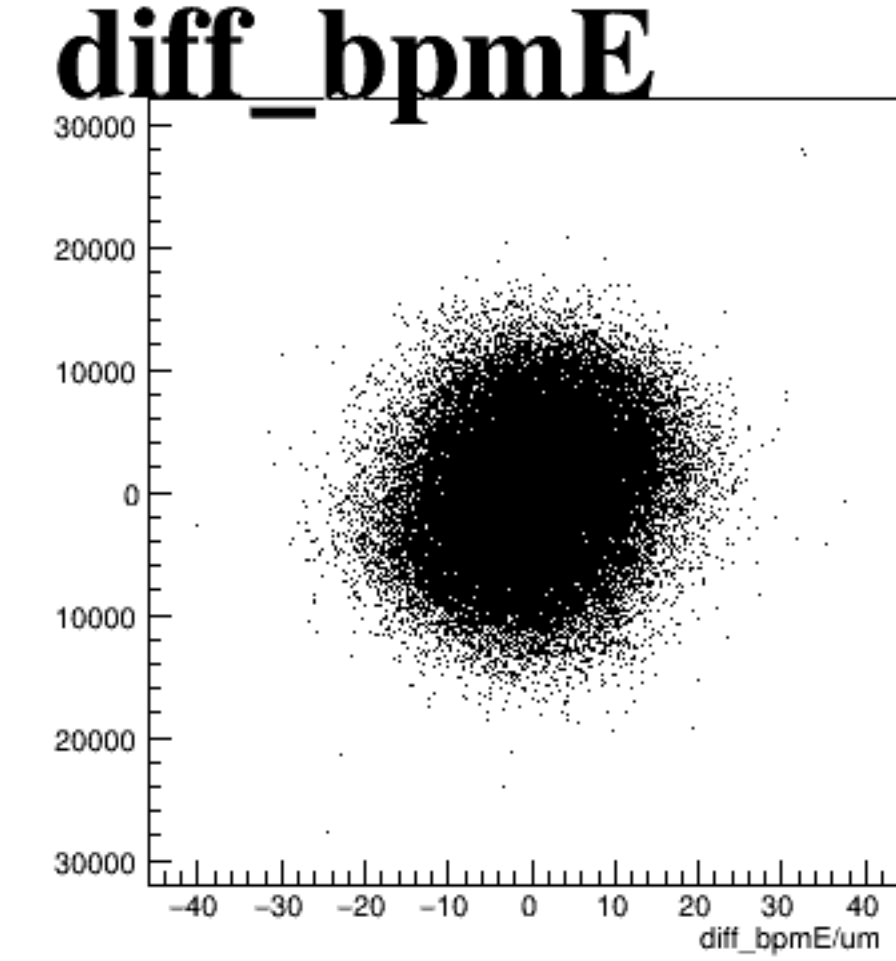
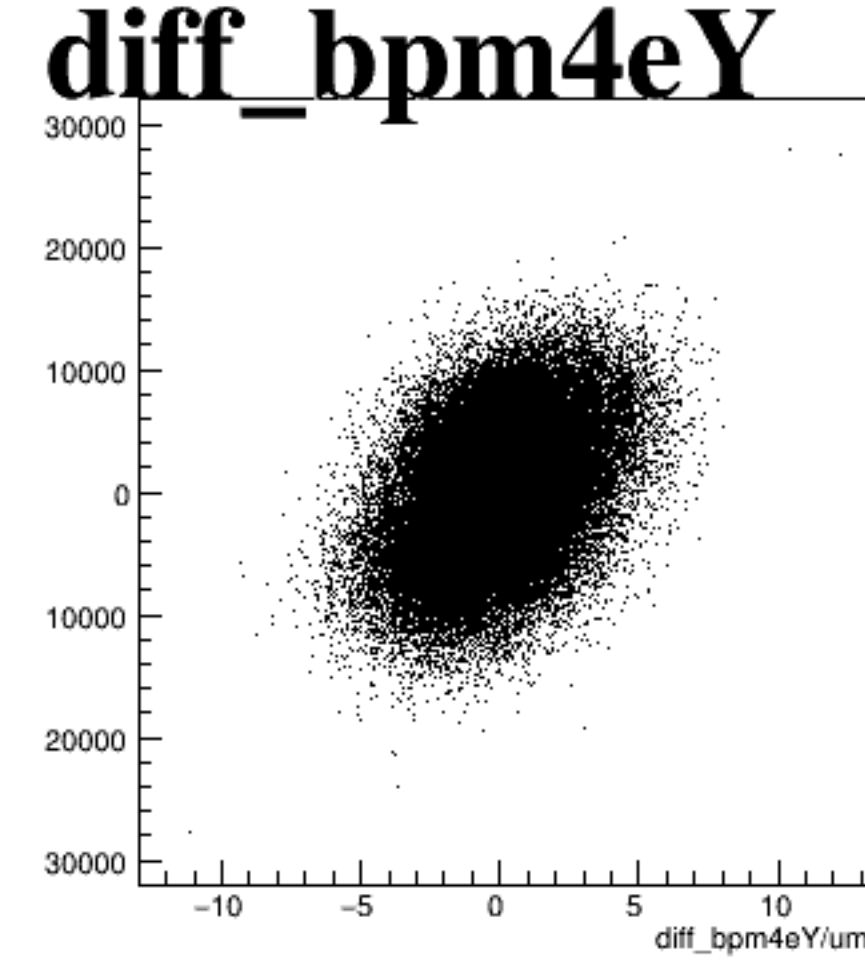
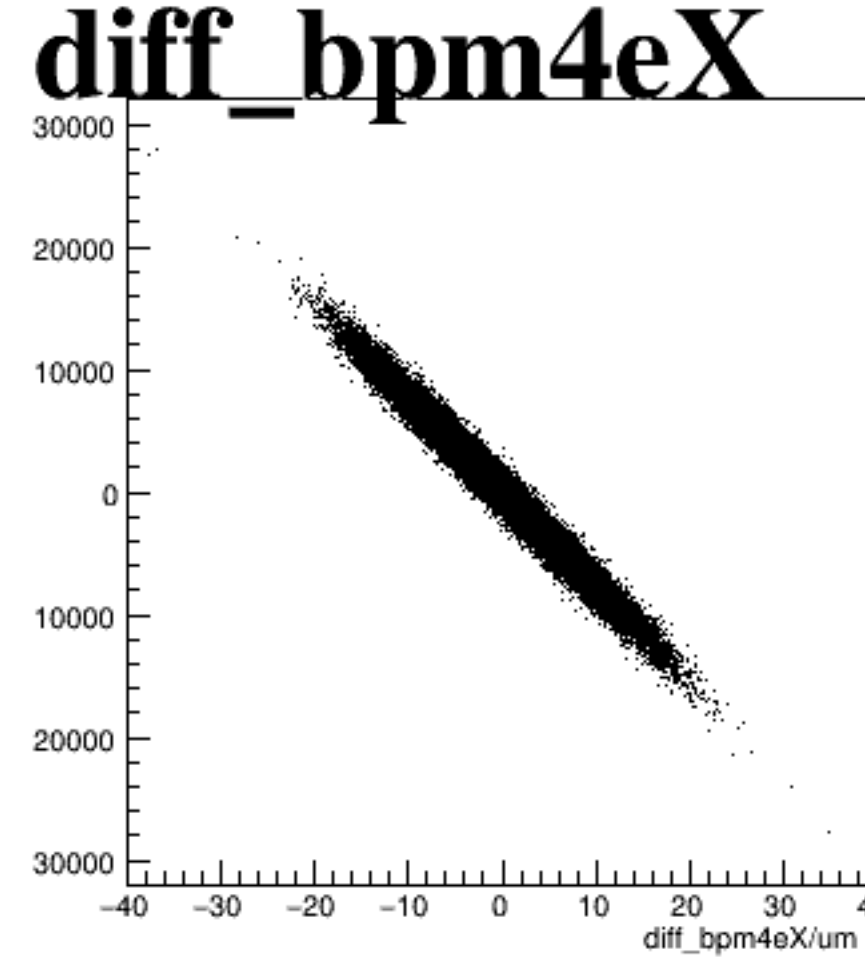
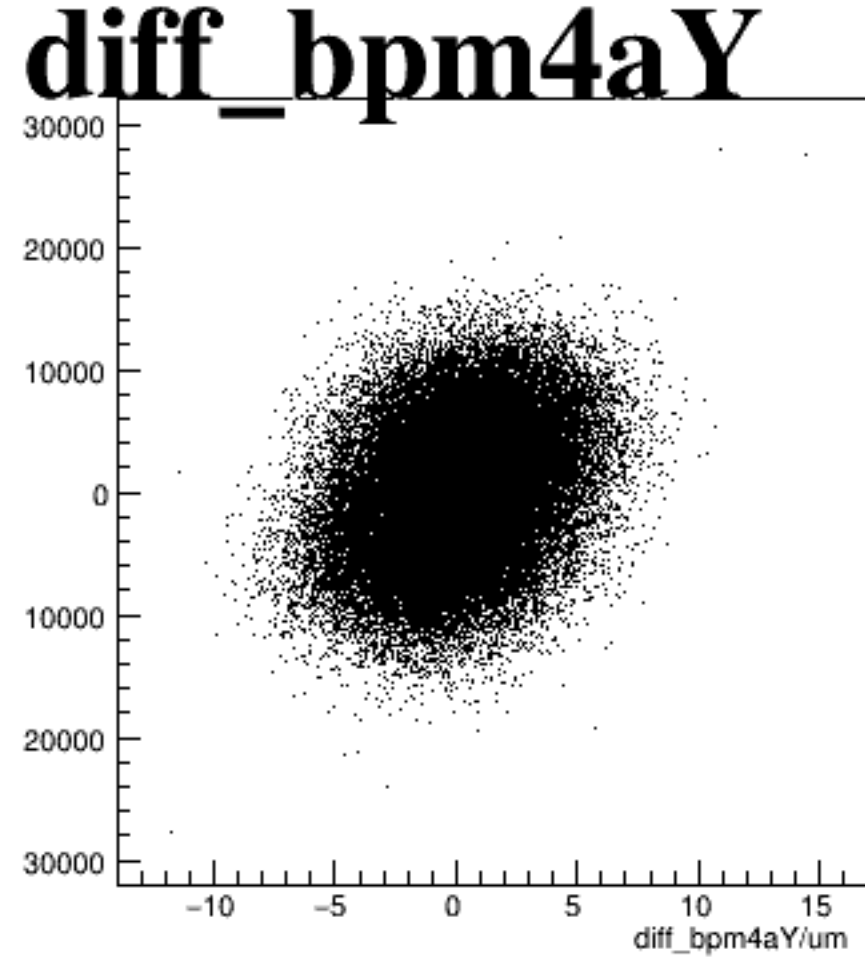
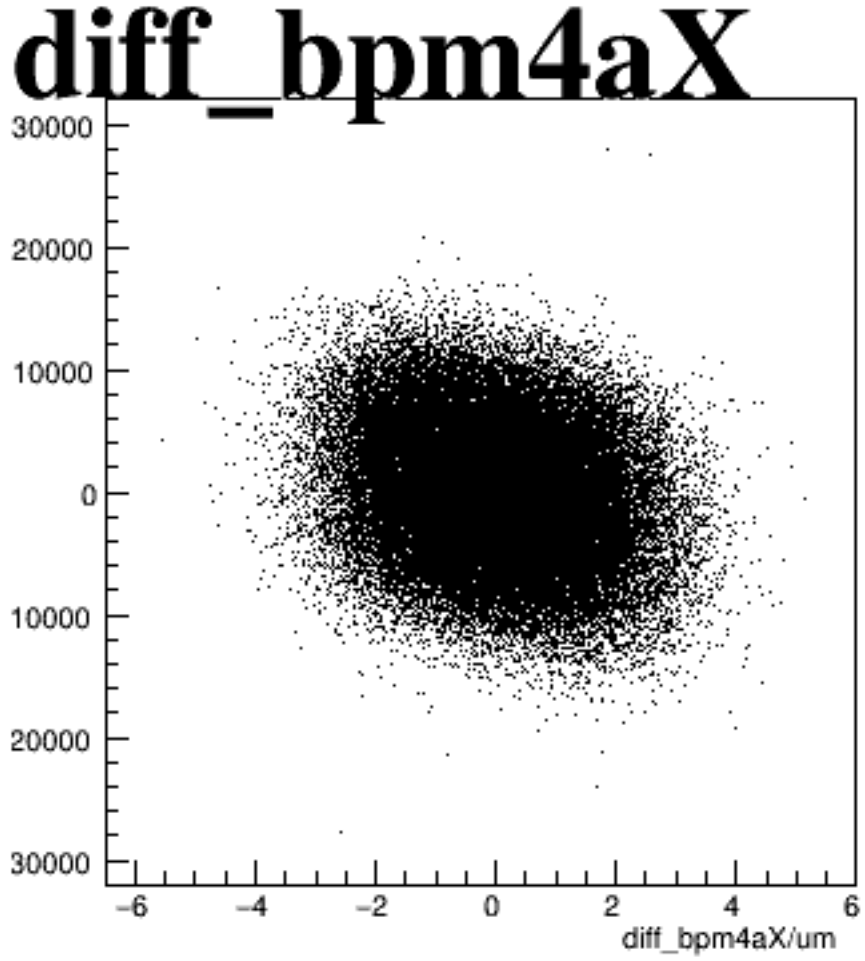
reg_asym_sam7



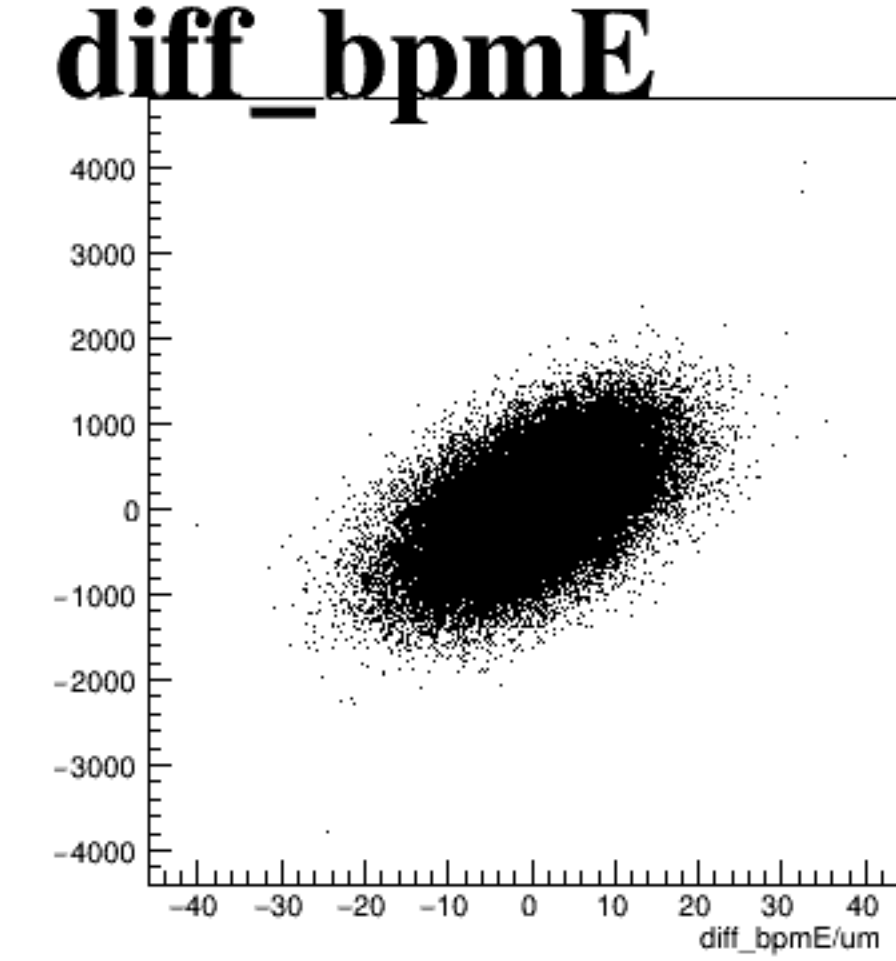
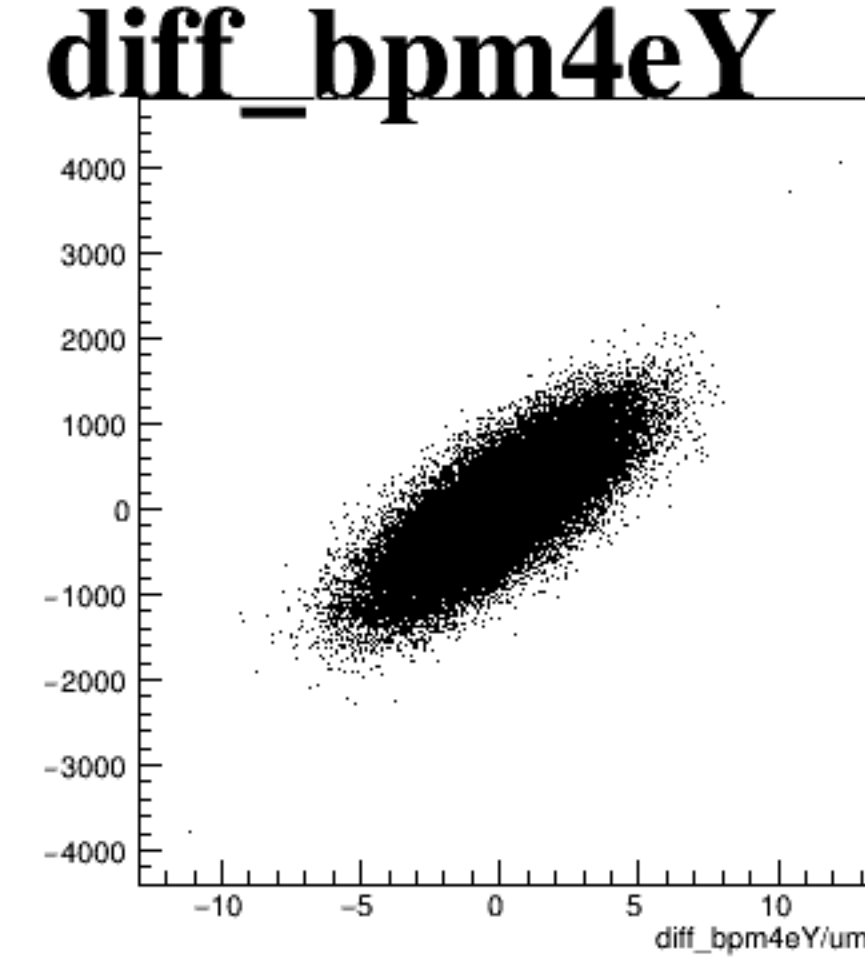
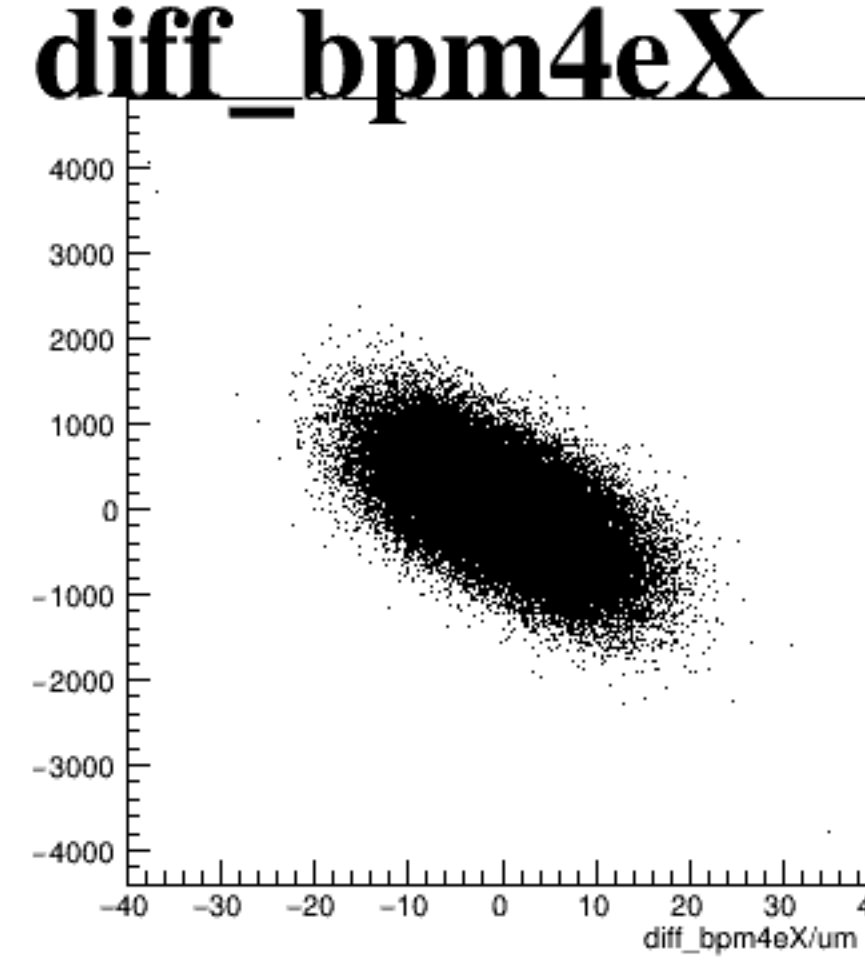
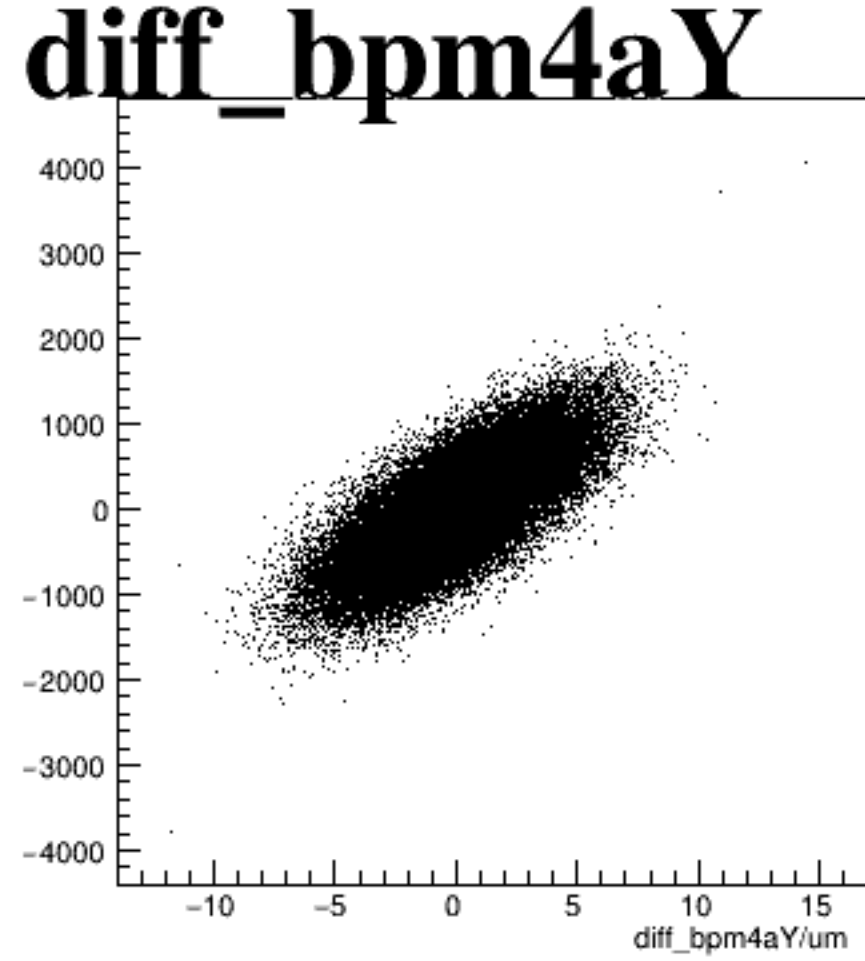
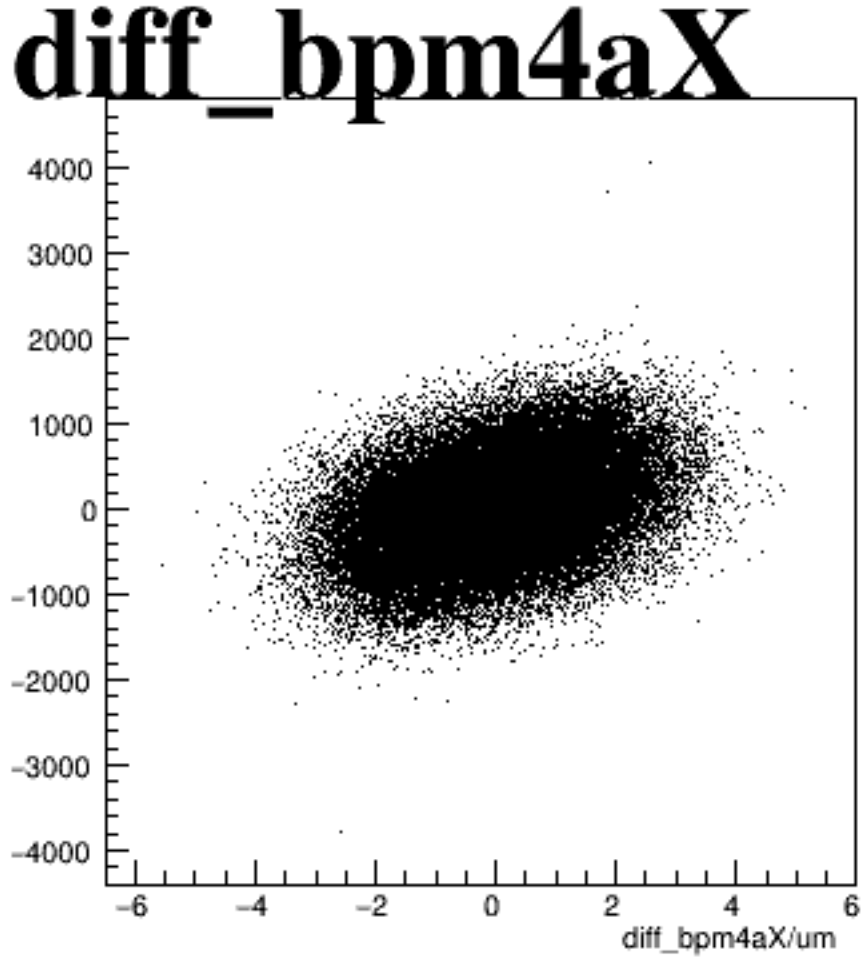
asym_sam1



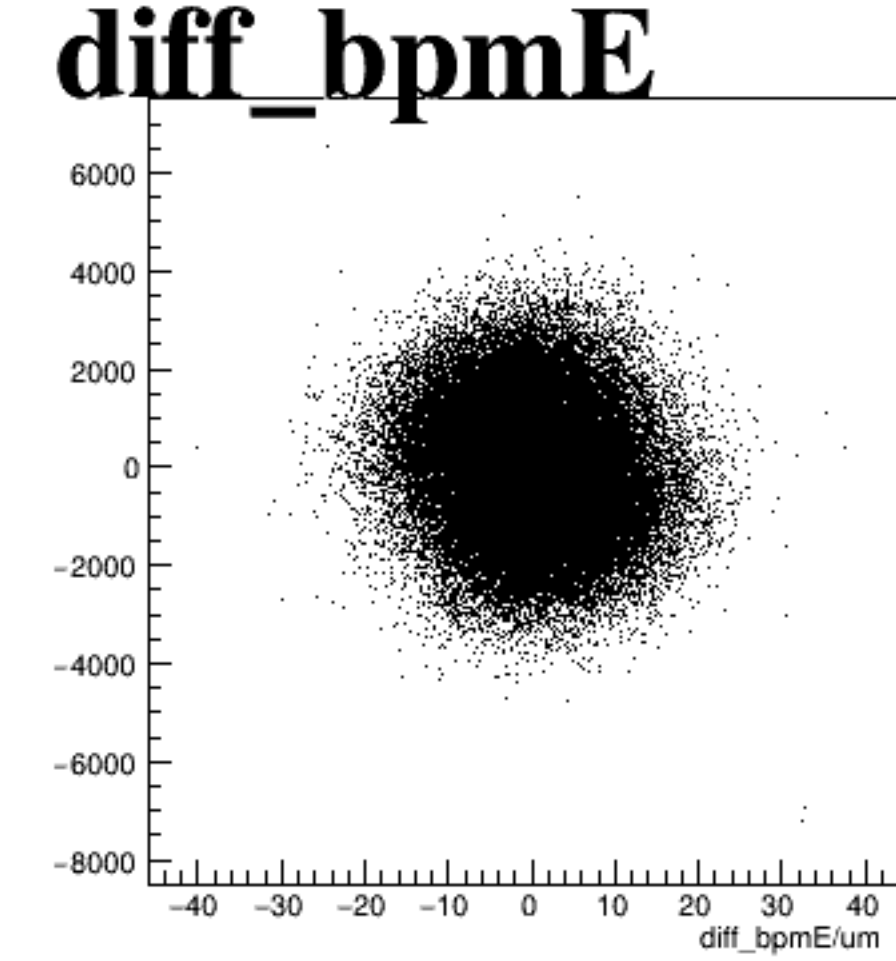
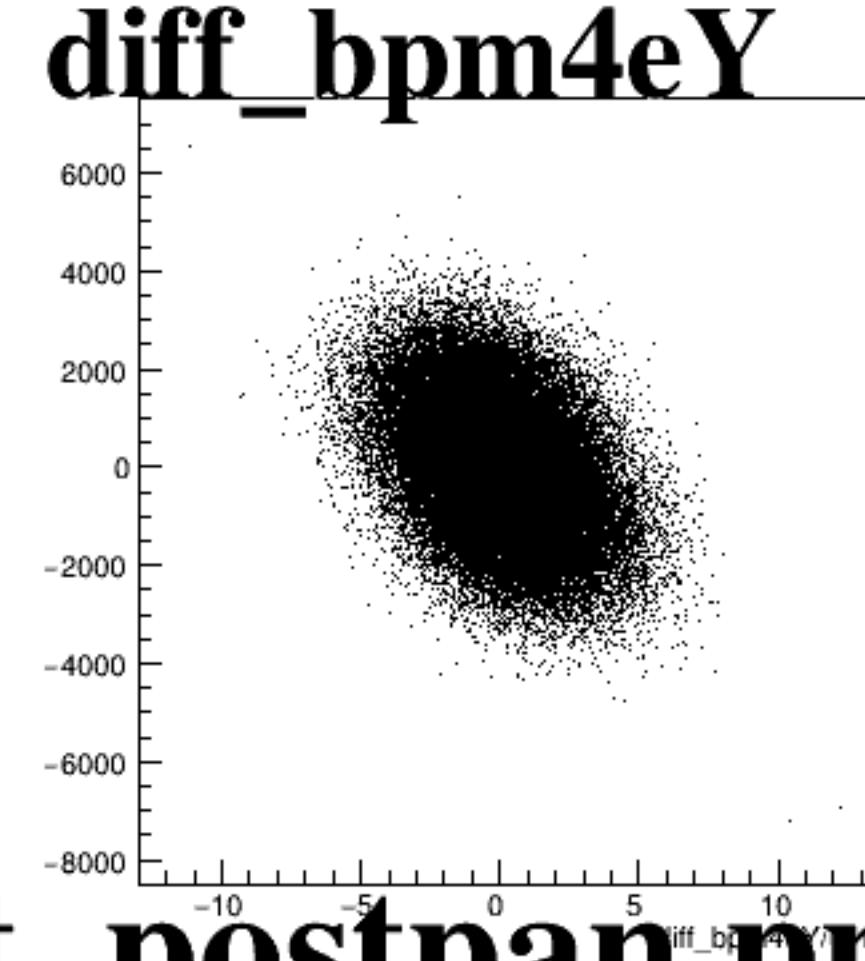
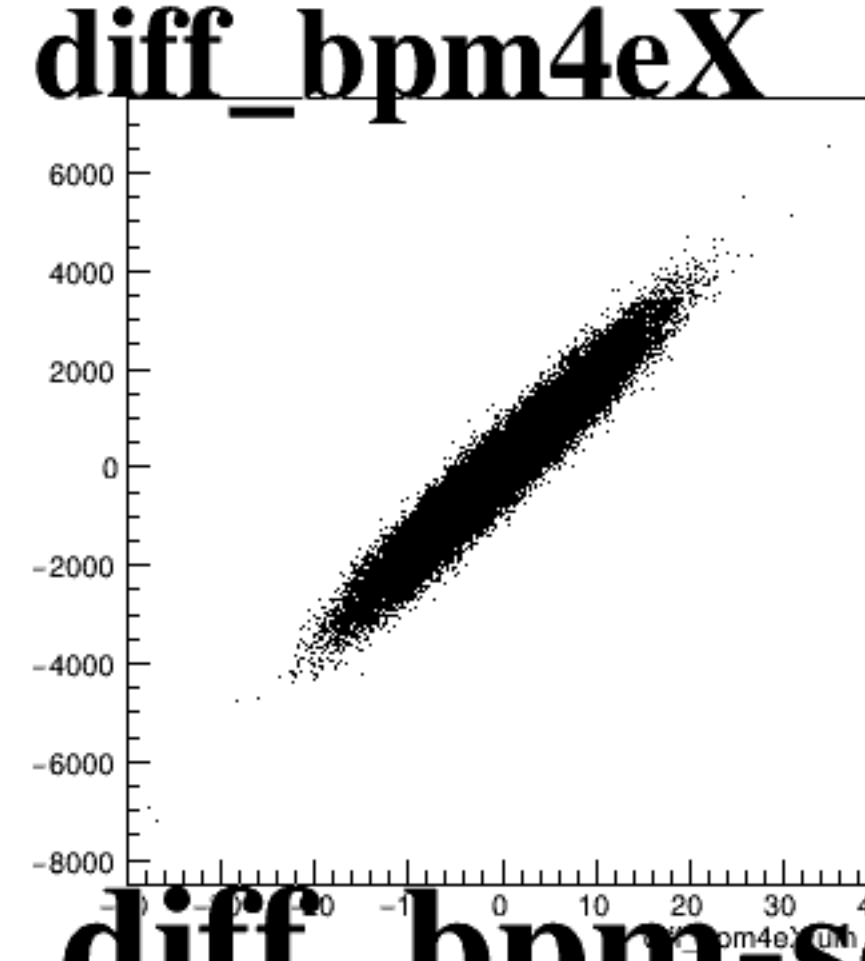
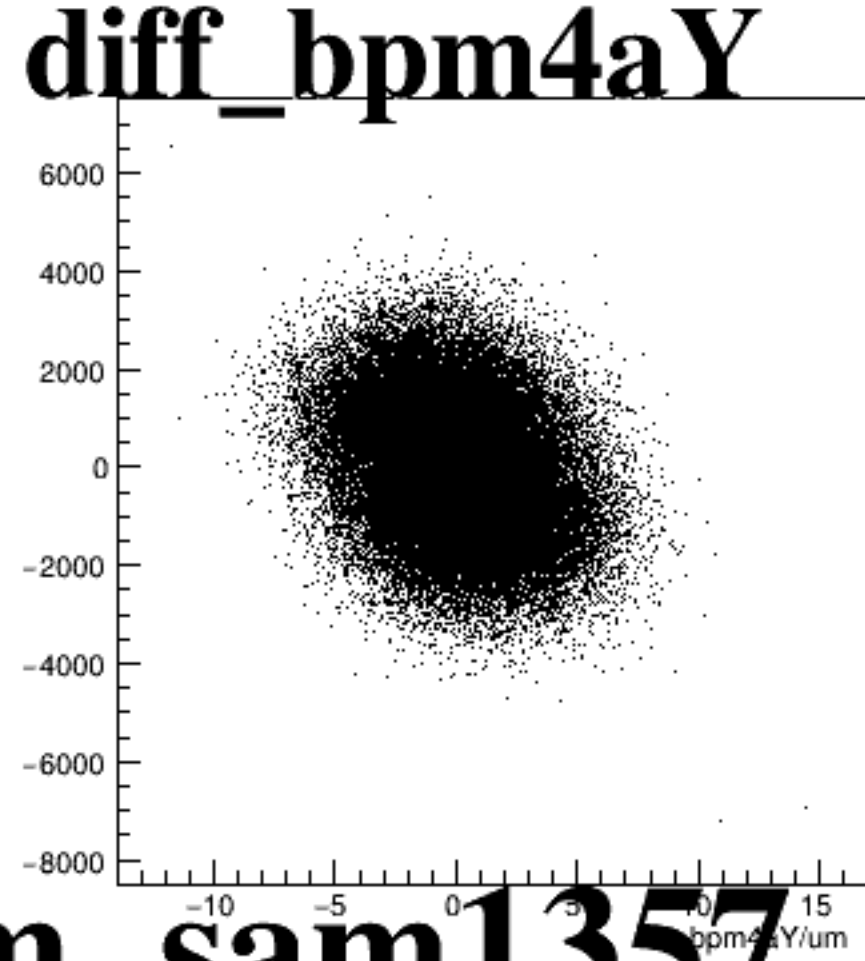
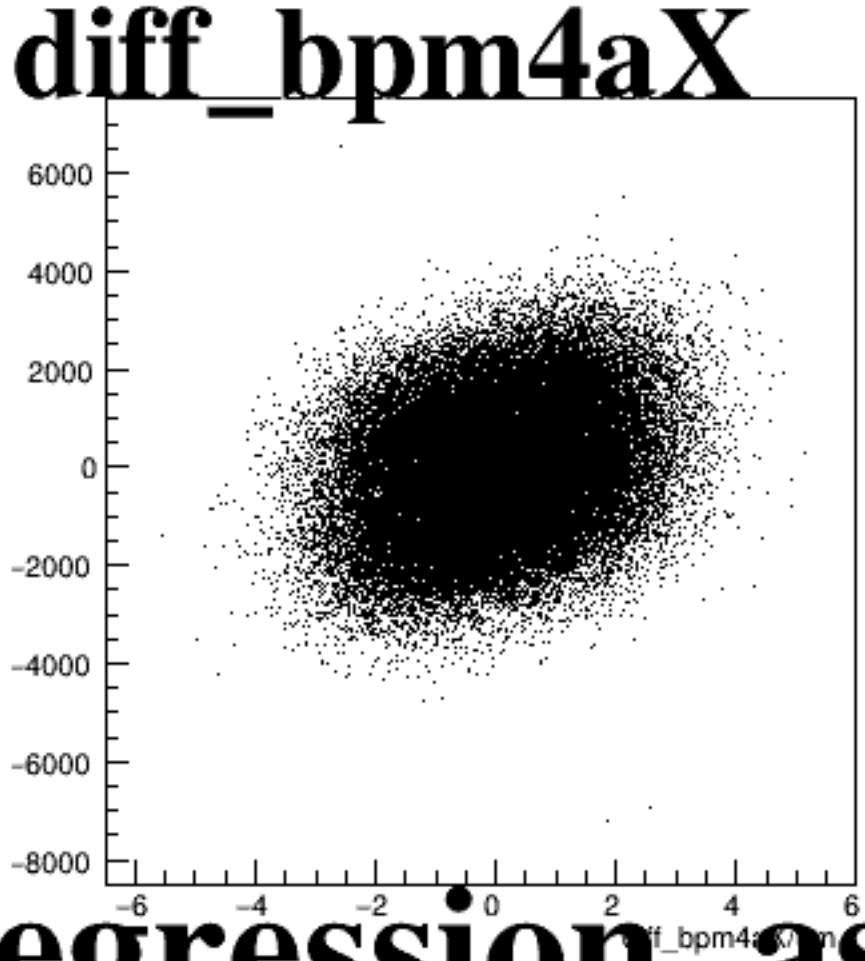
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates (diff_bpm) versus the difference in BPM coordinates (diff_bpm) for different beam parameters. The plots are labeled diff_bpm4aX, diff_bpm4aY, diff_bpm4eX, diff_bpm4eY, and diff_bpmE. Each plot shows a dense cloud of points centered around the origin, indicating a Gaussian-like distribution of differences. The x-axis for all plots is labeled diff_bpm4aX/um, diff_bpm4aY/um, diff_bpm4eX/um, diff_bpm4eY/um, and diff_bpmE/um respectively. The y-axis for all plots is labeled diff_bpm4aX/um, diff_bpm4aY/um, diff_bpm4eX/um, diff_bpm4eY/um, and diff_bpmE/um respectively. The x-axis ranges are approximately [-6, 6], [-10, 15], [-40, 40], [-10, 10], and [-40, 40] respectively. The y-axis ranges are approximately [-1000, 1000], [-1000, 1000], [-1000, 1000], [-1000, 1000], and [-1000, 1000] respectively.

[illegible]