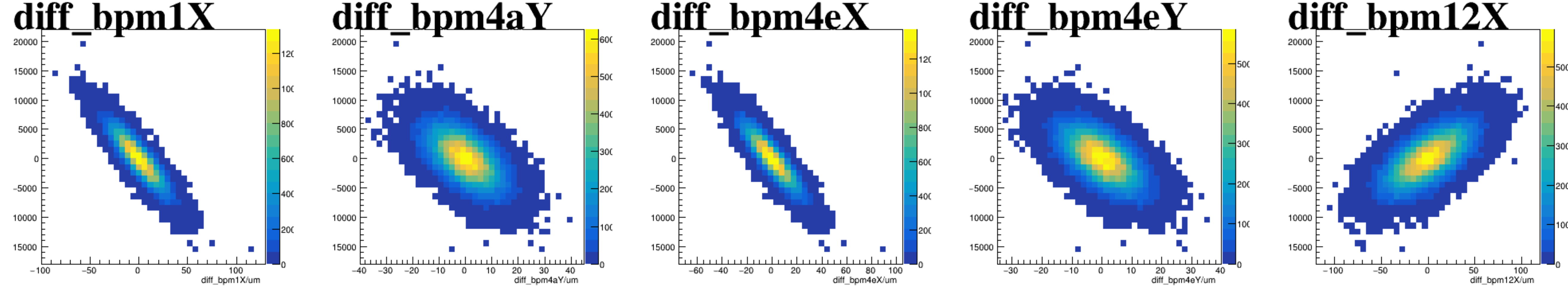
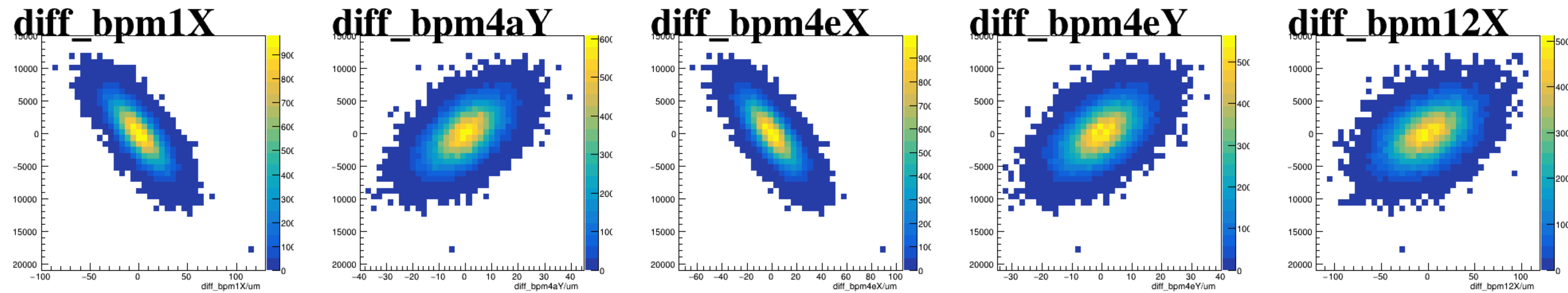


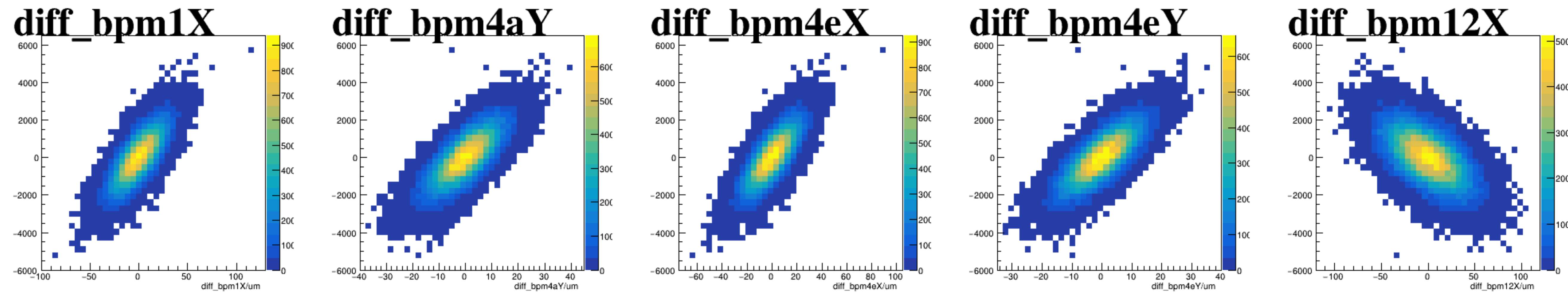
asym_sam2



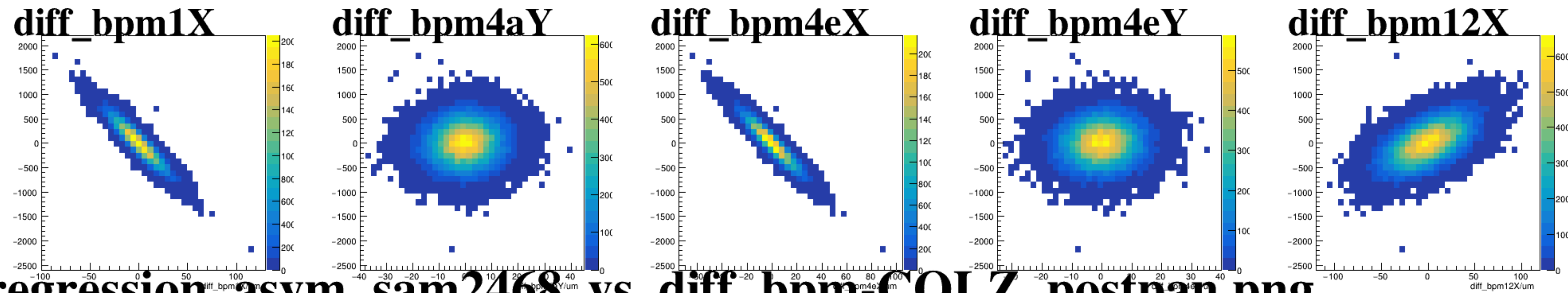
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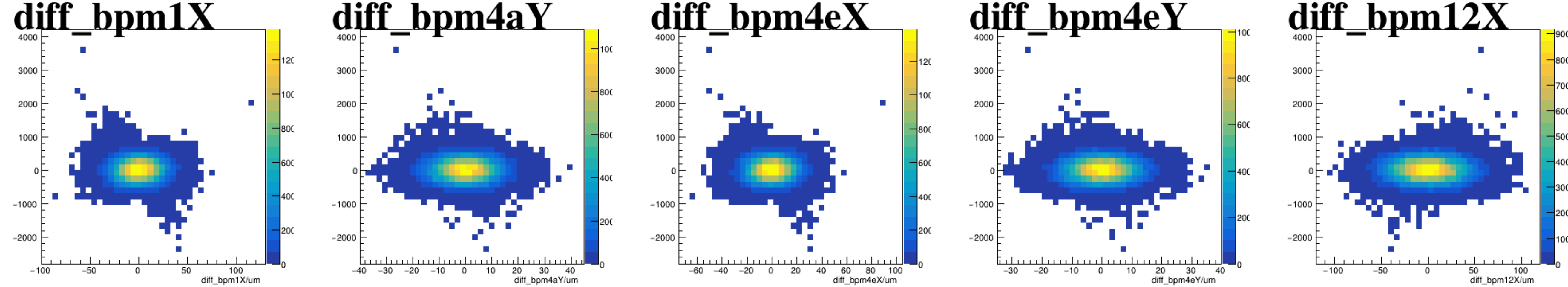
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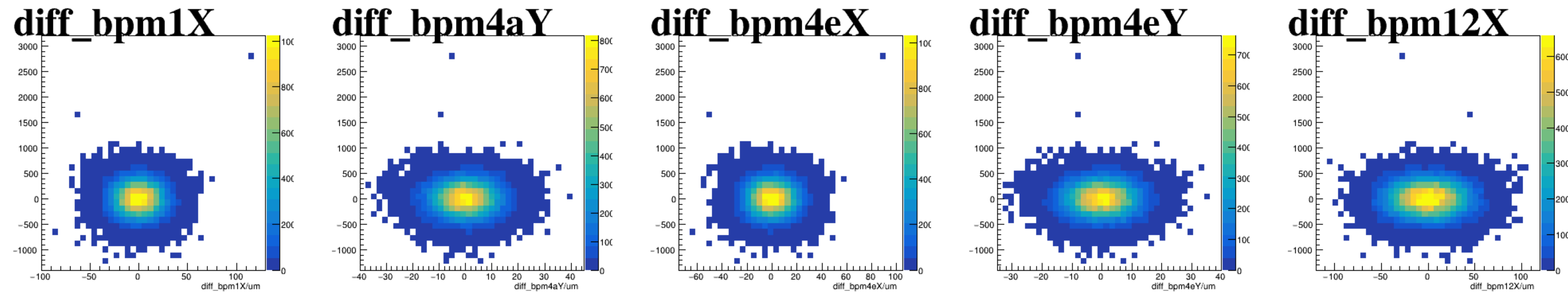
asym_sam8



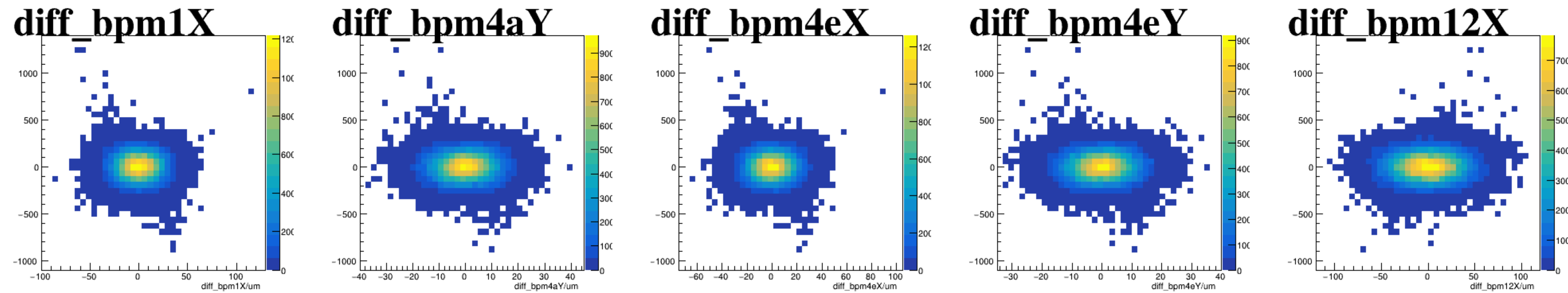
reg_asym_sam2



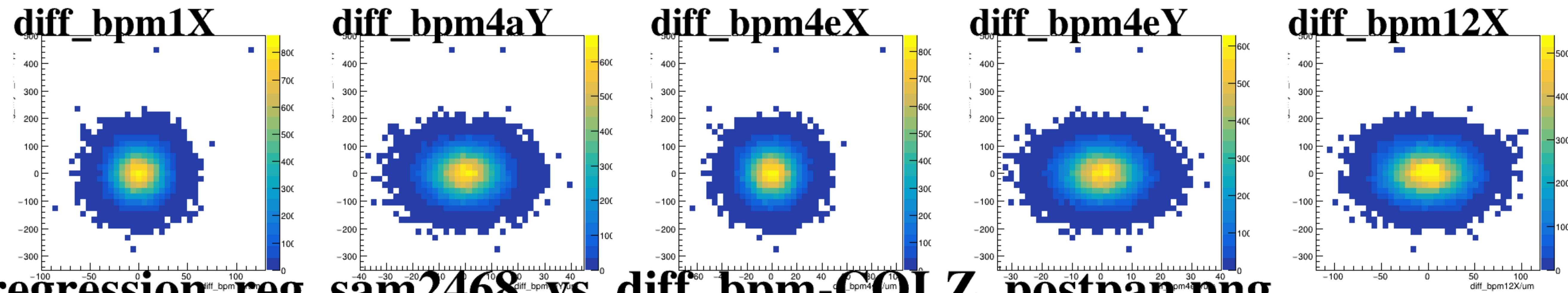
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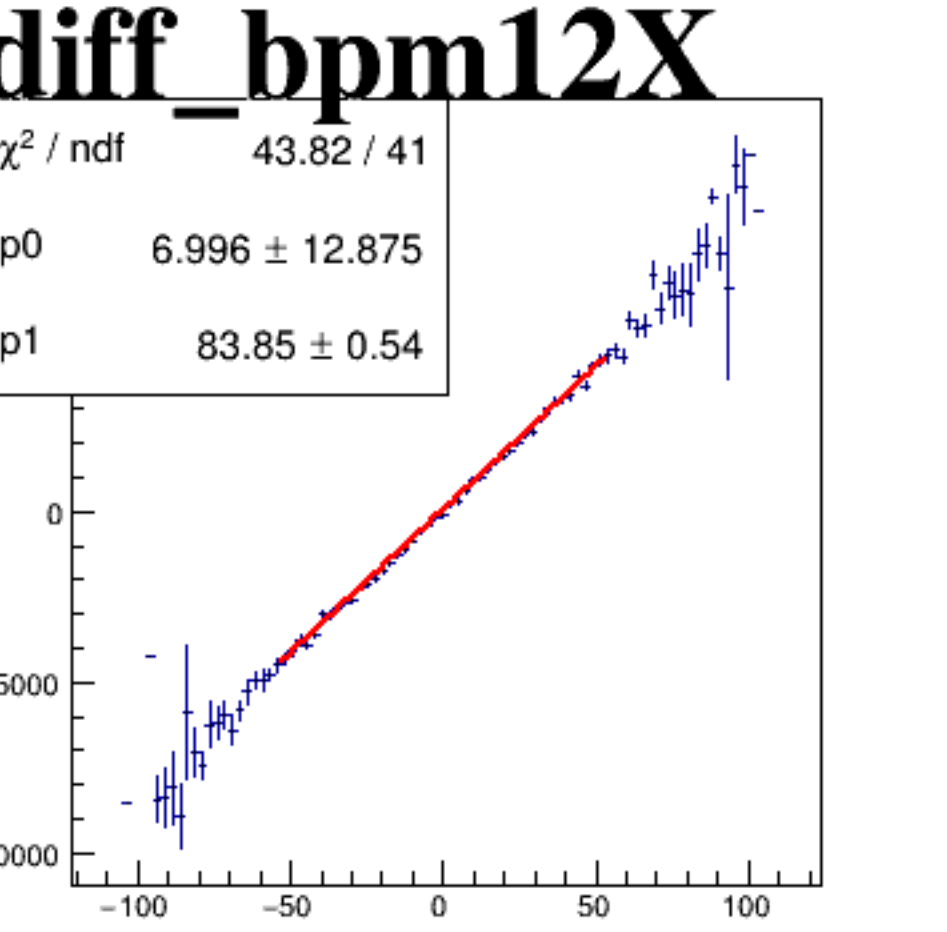
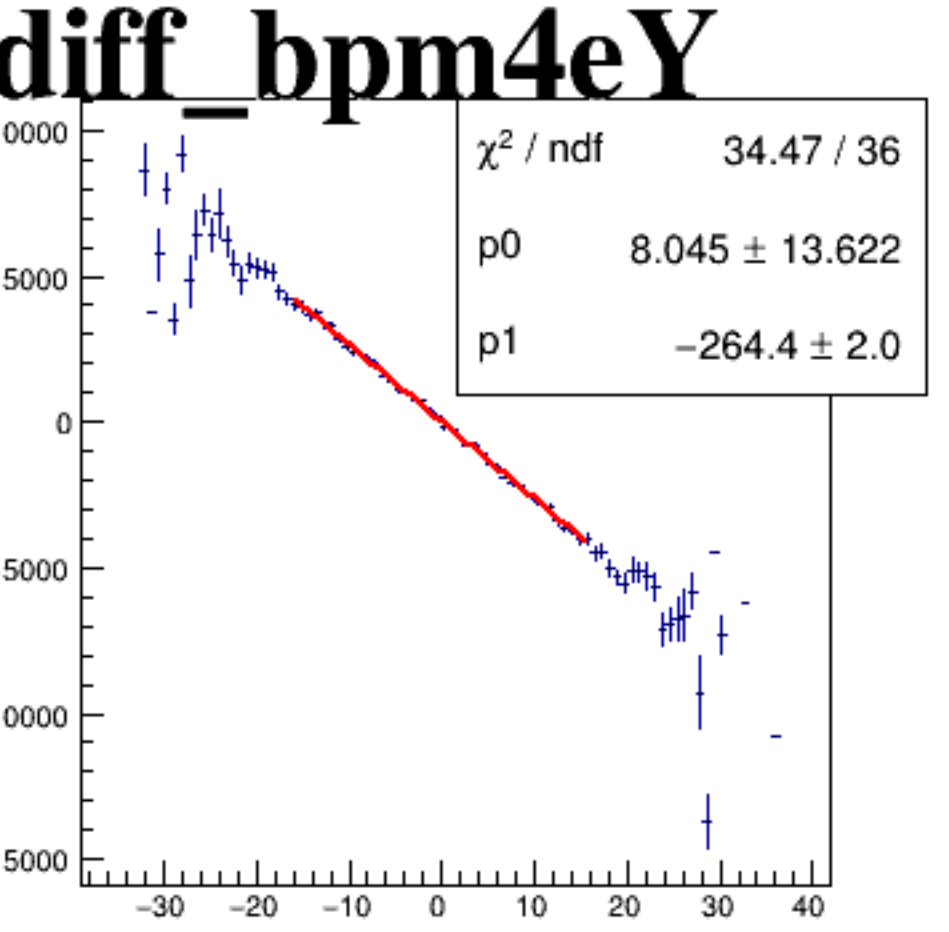
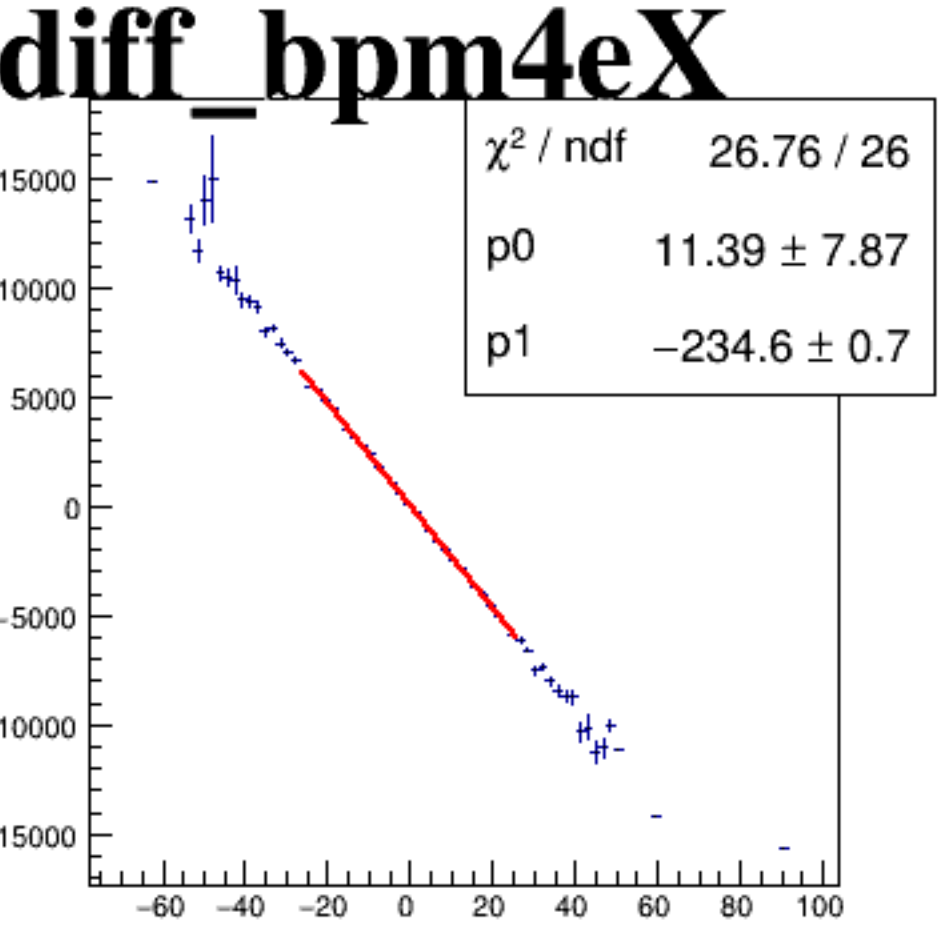
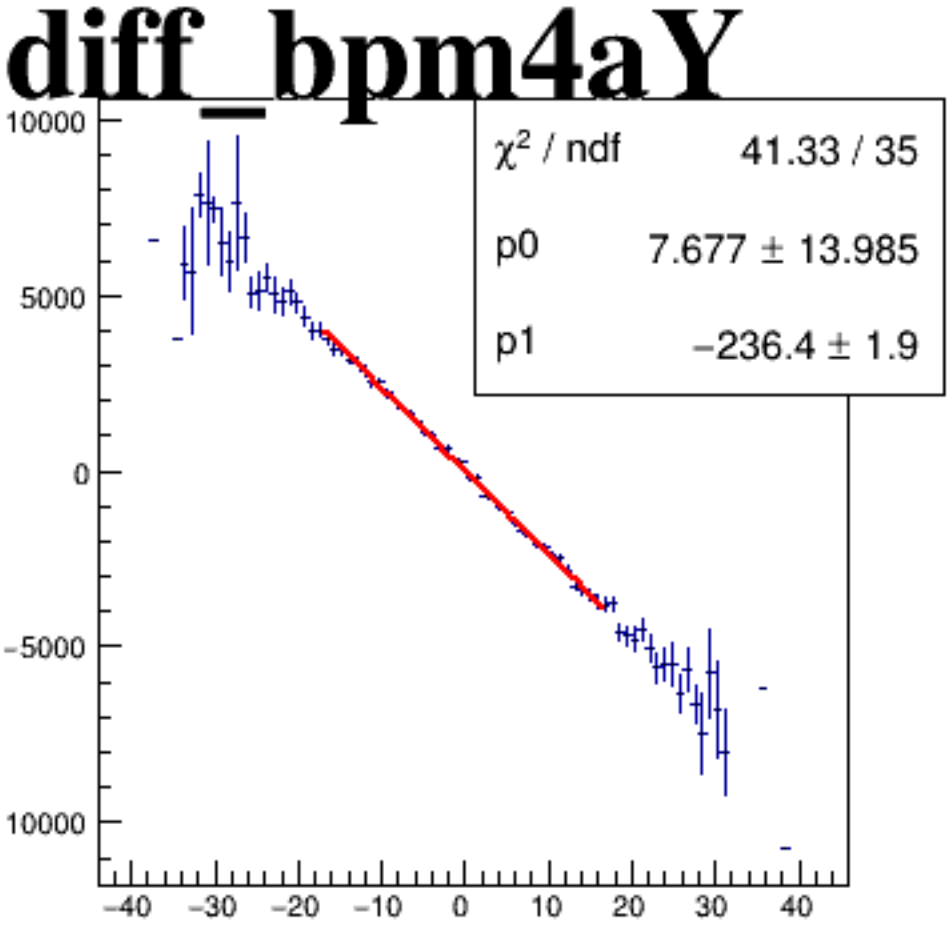
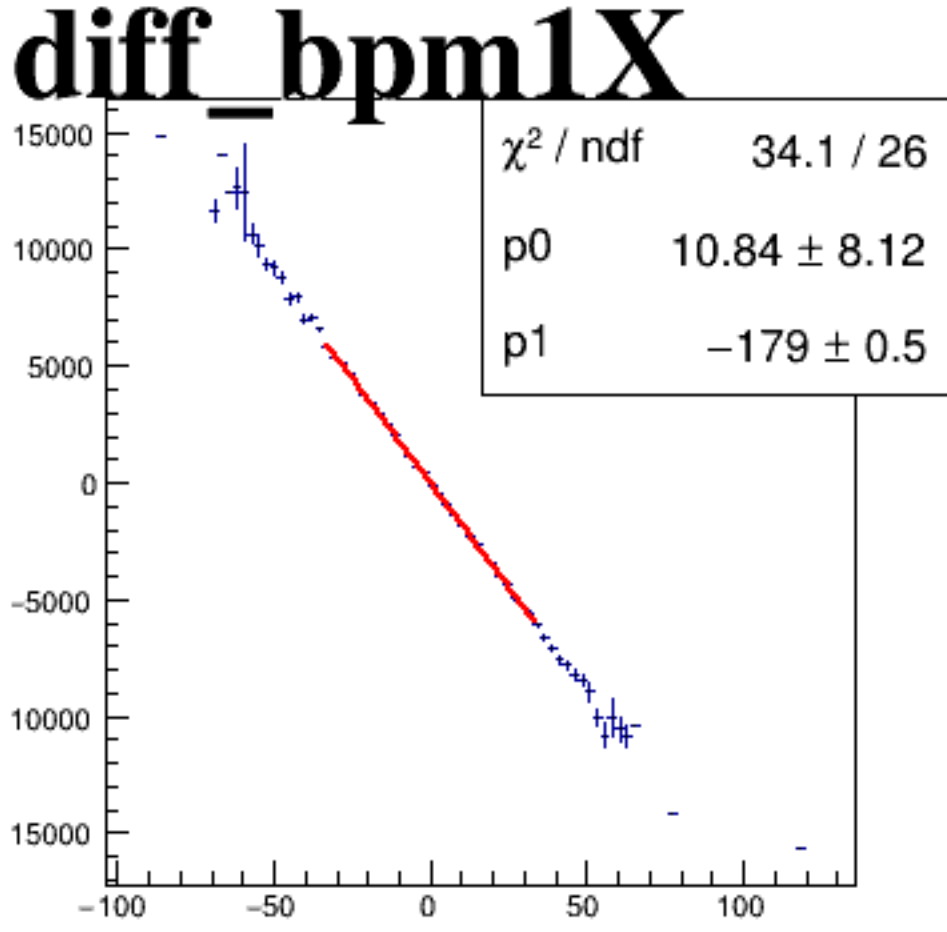
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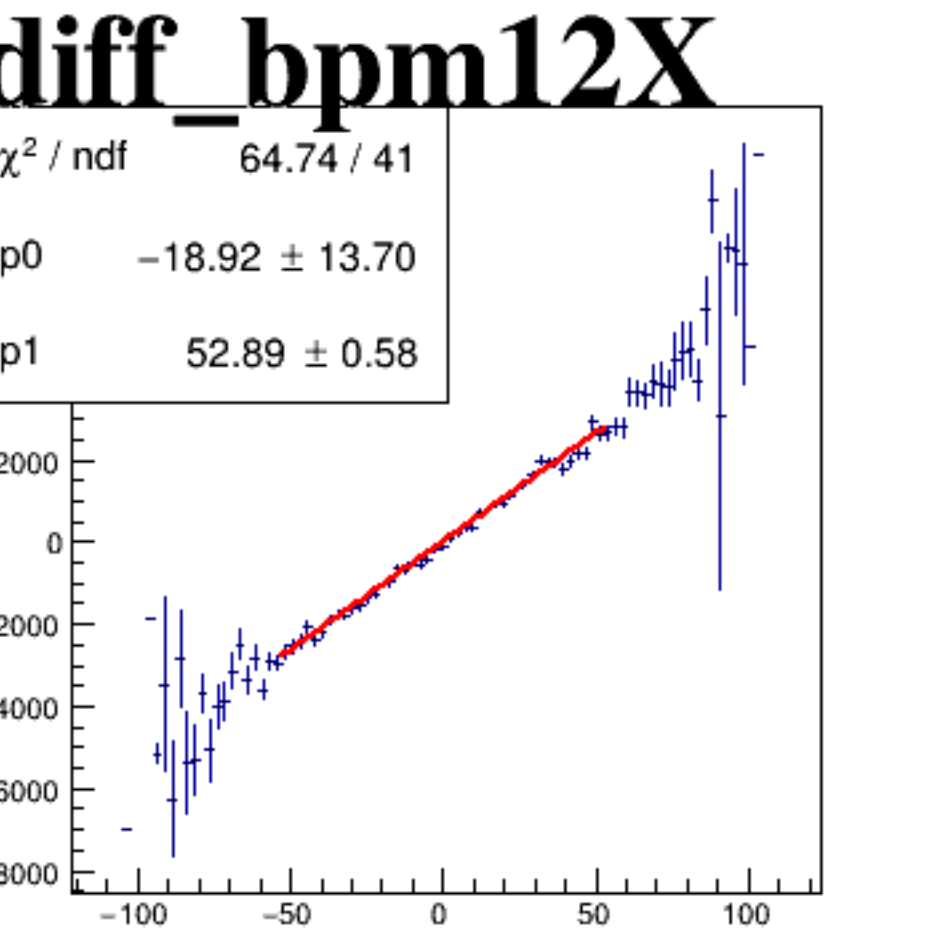
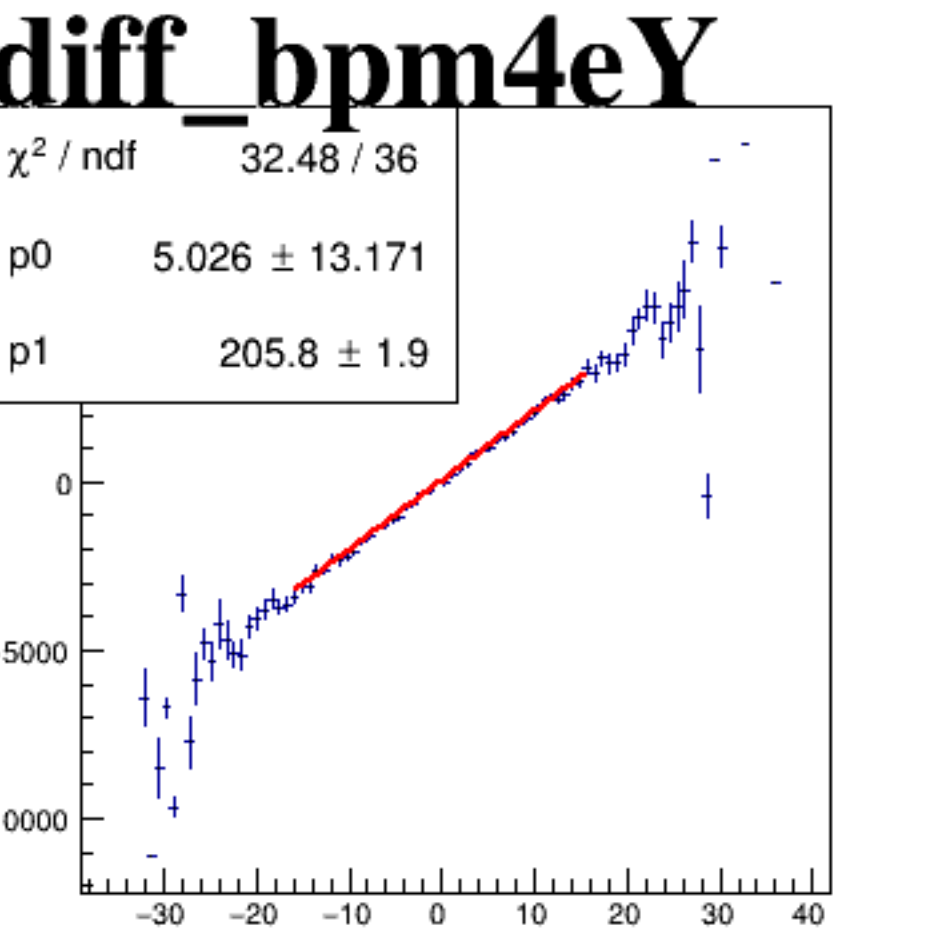
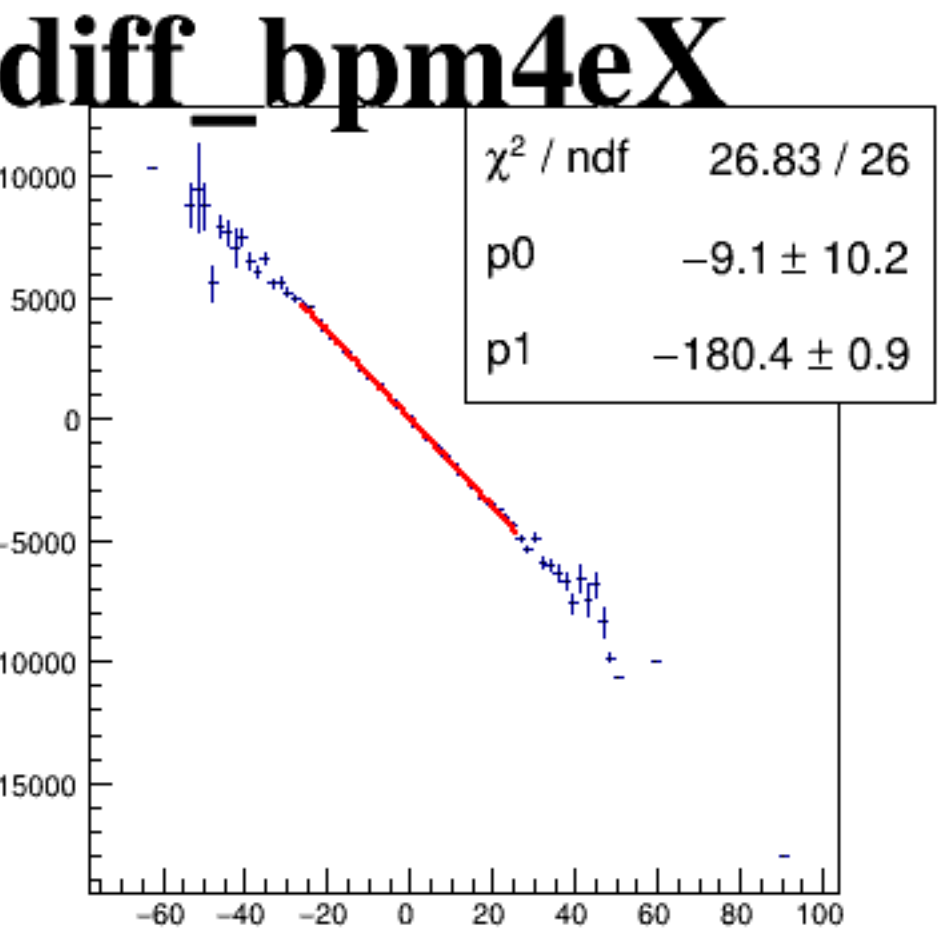
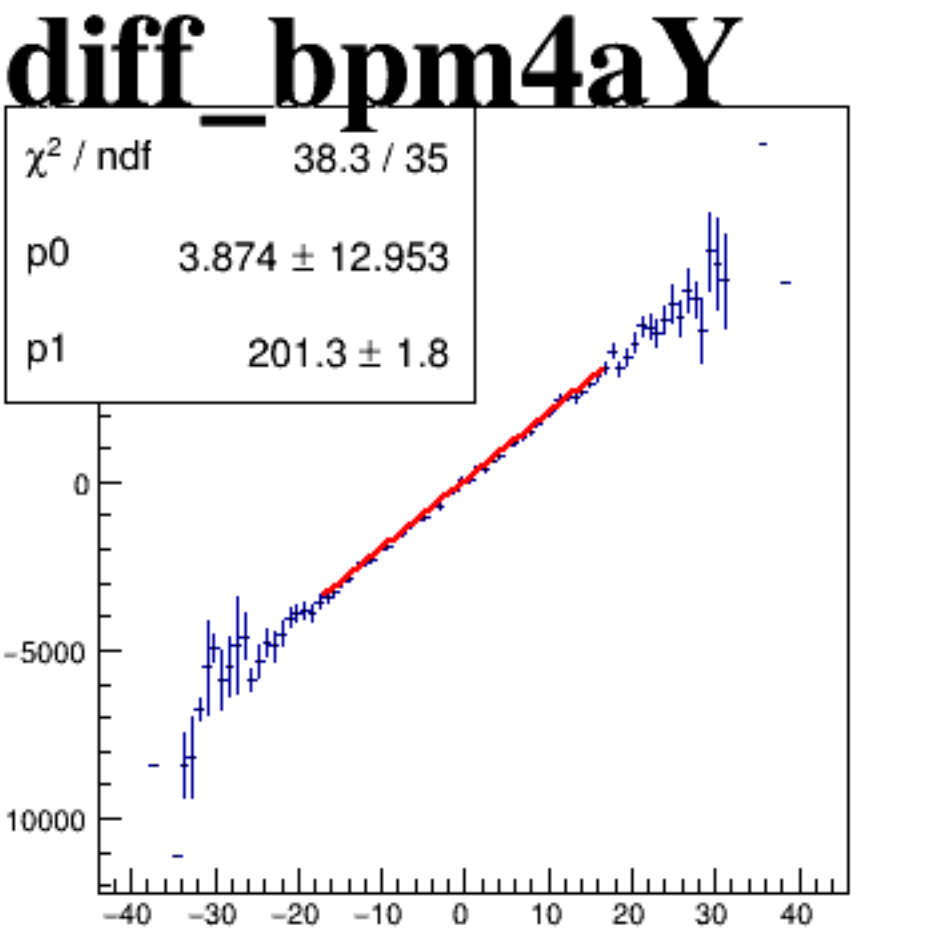
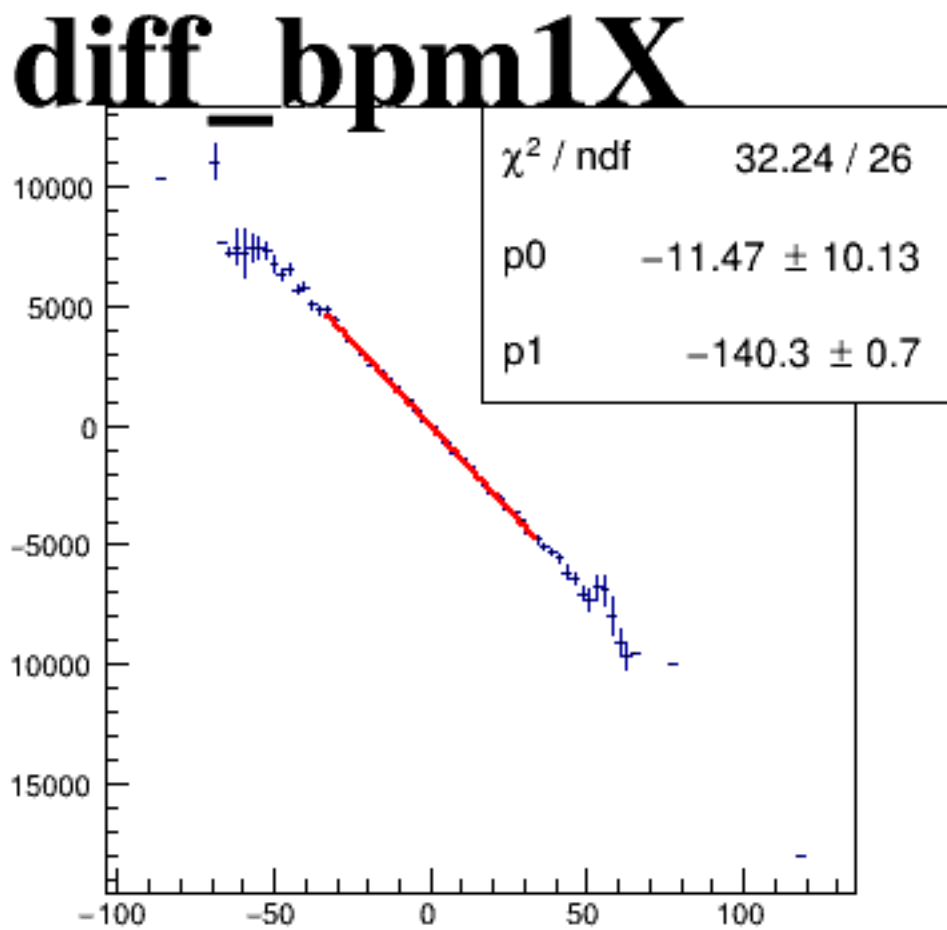
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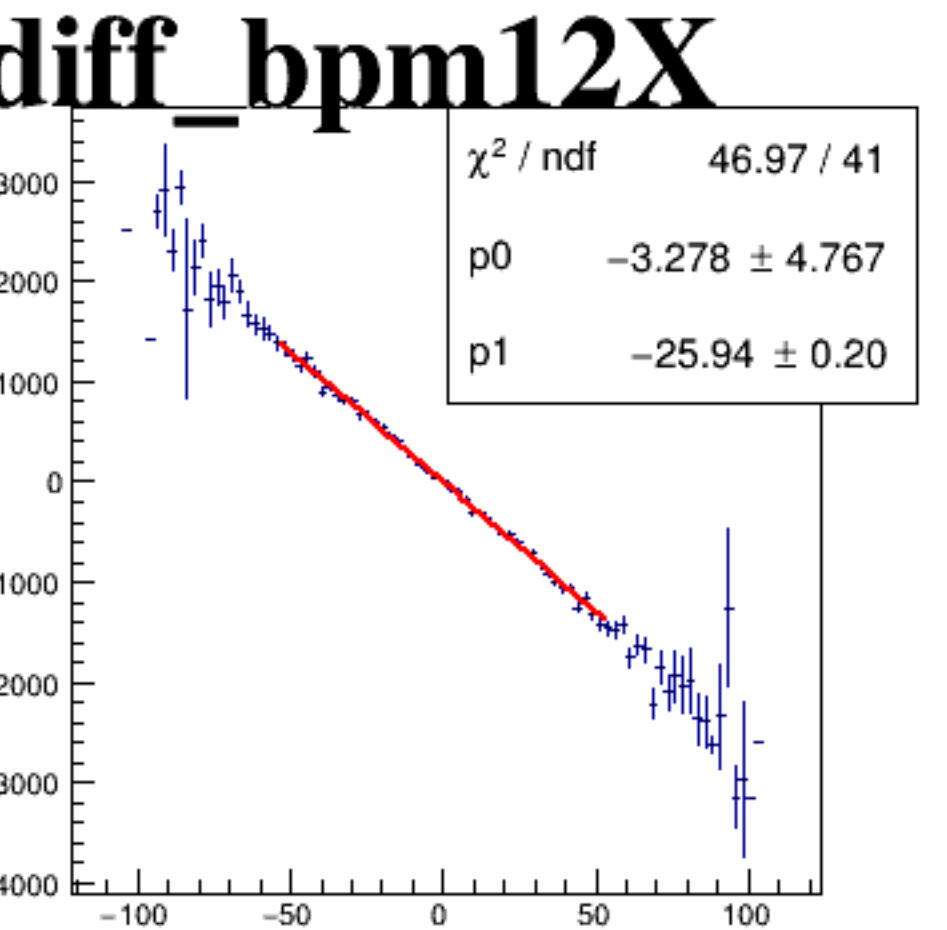
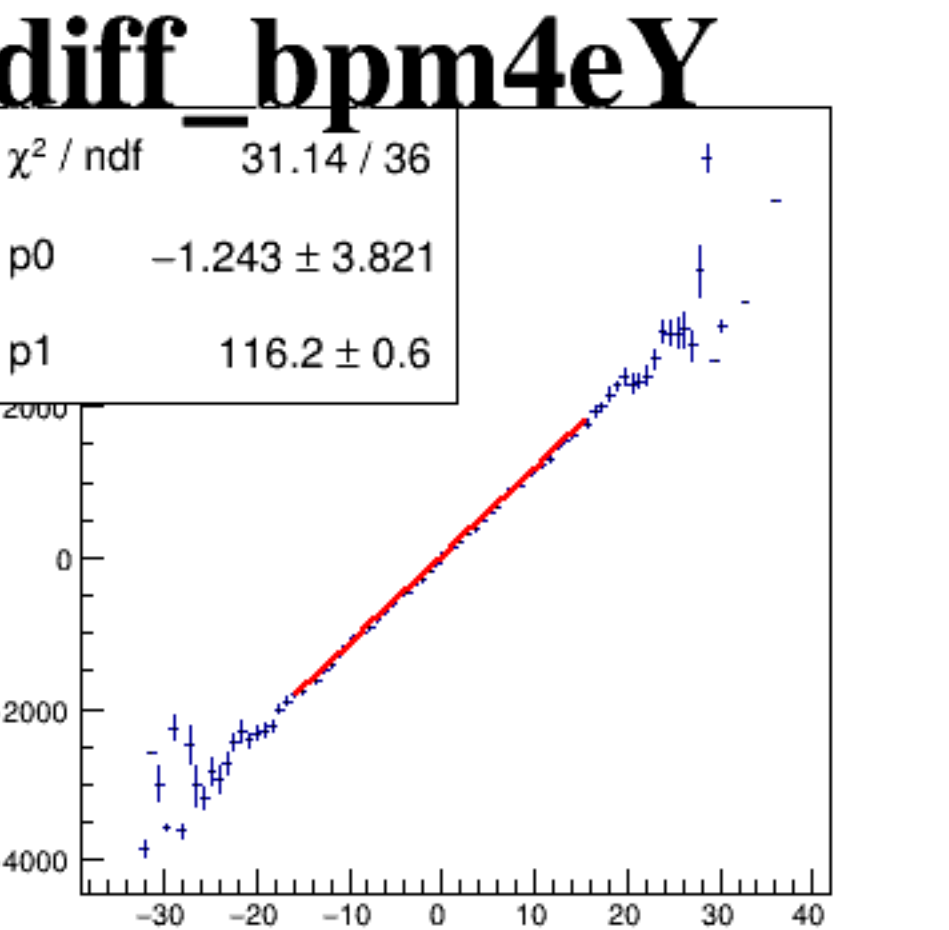
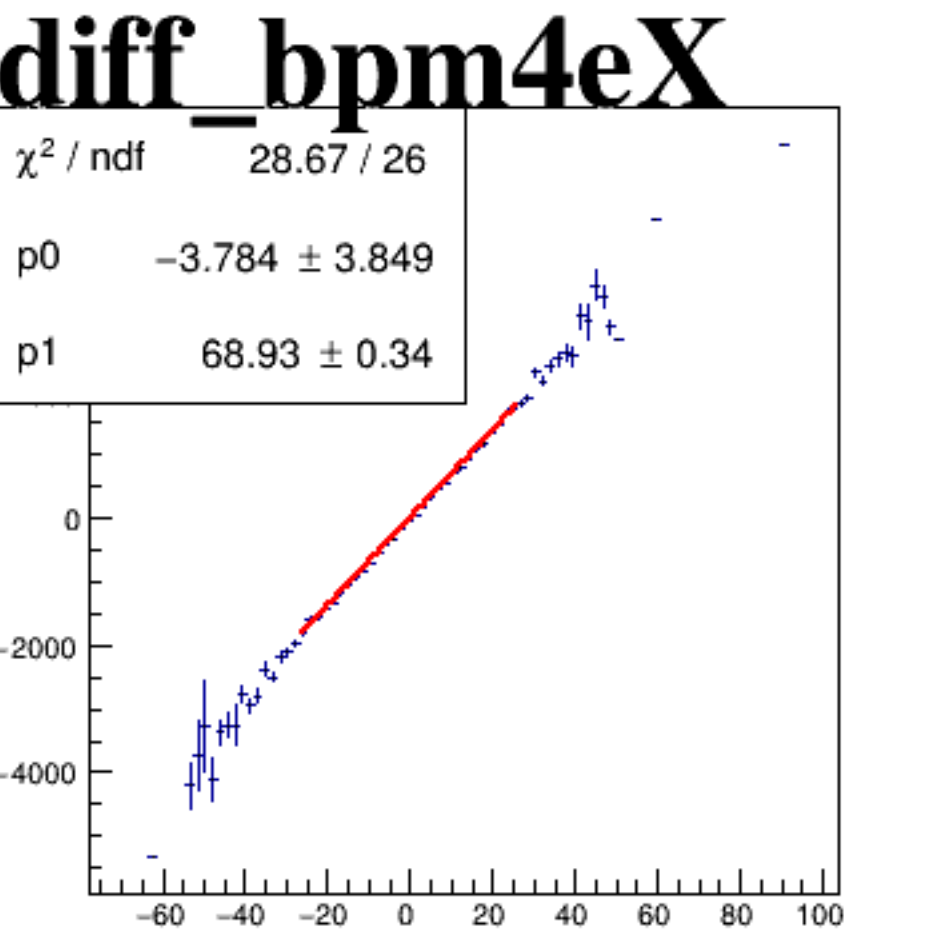
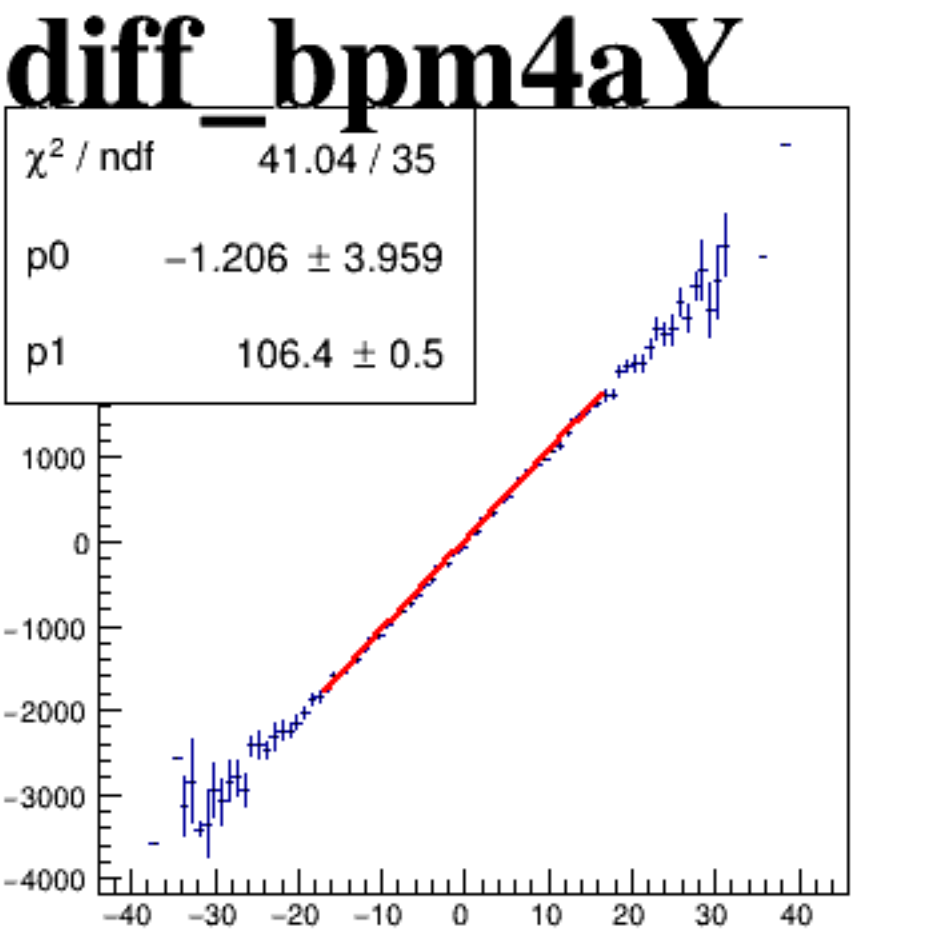
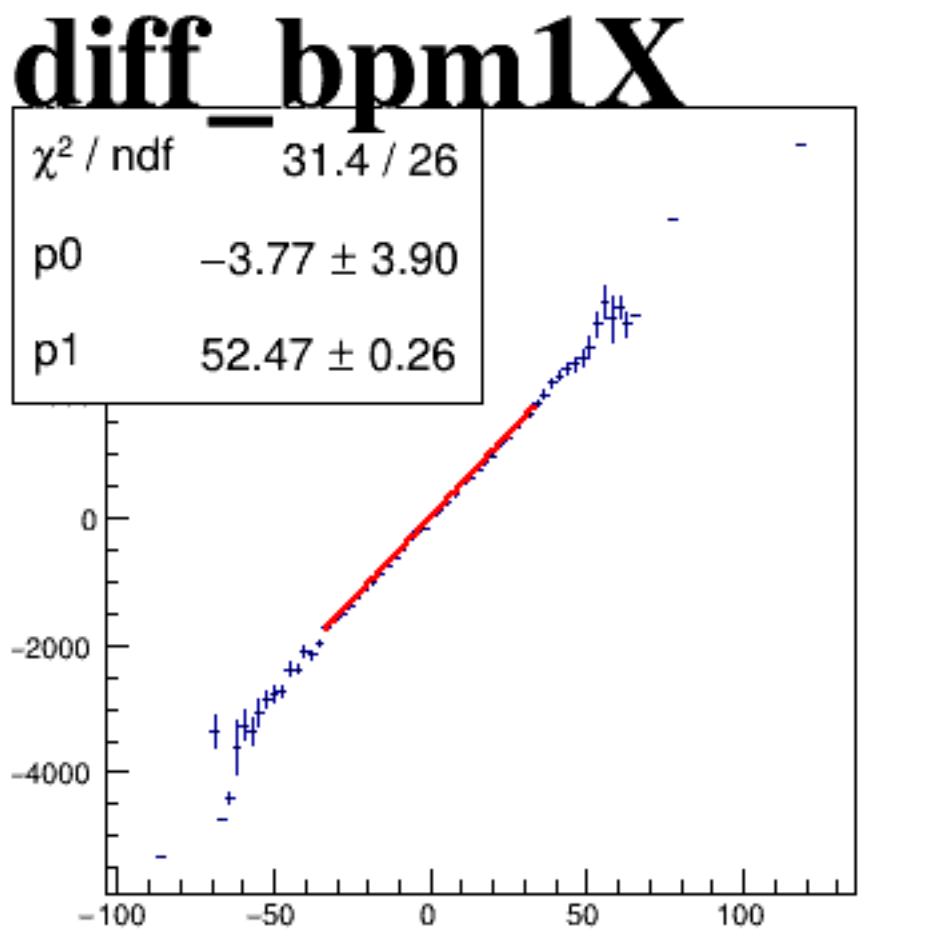
asym_sam2



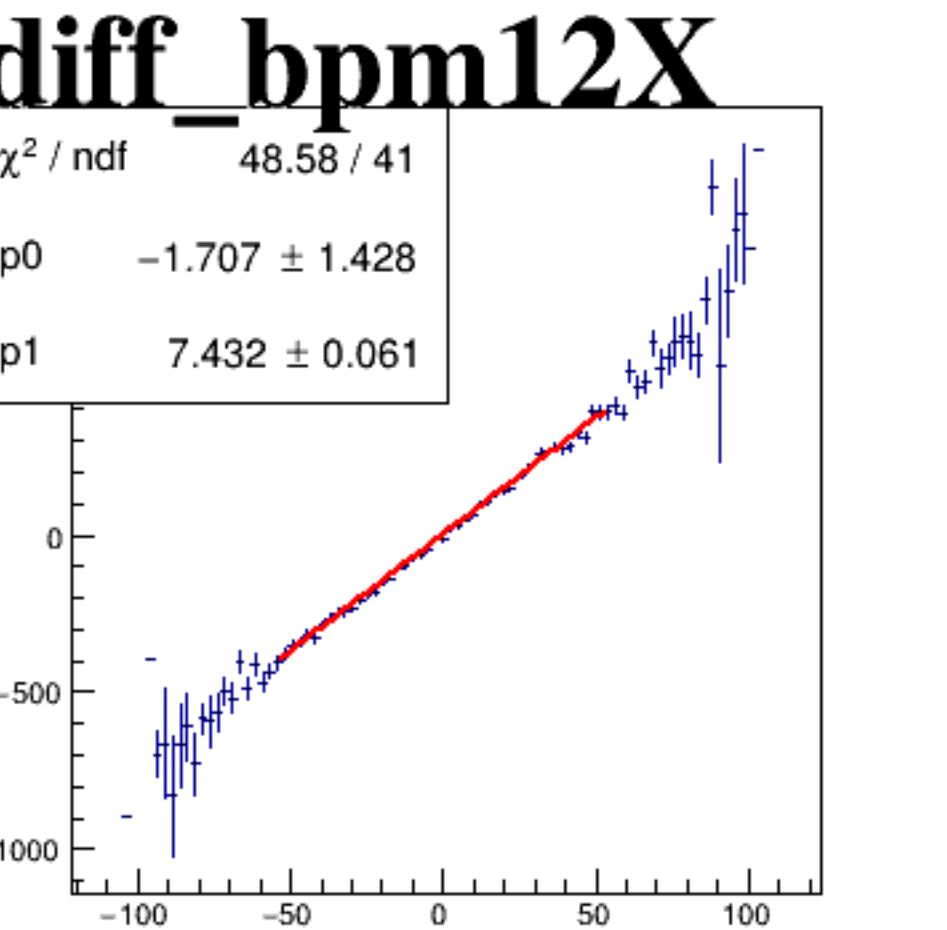
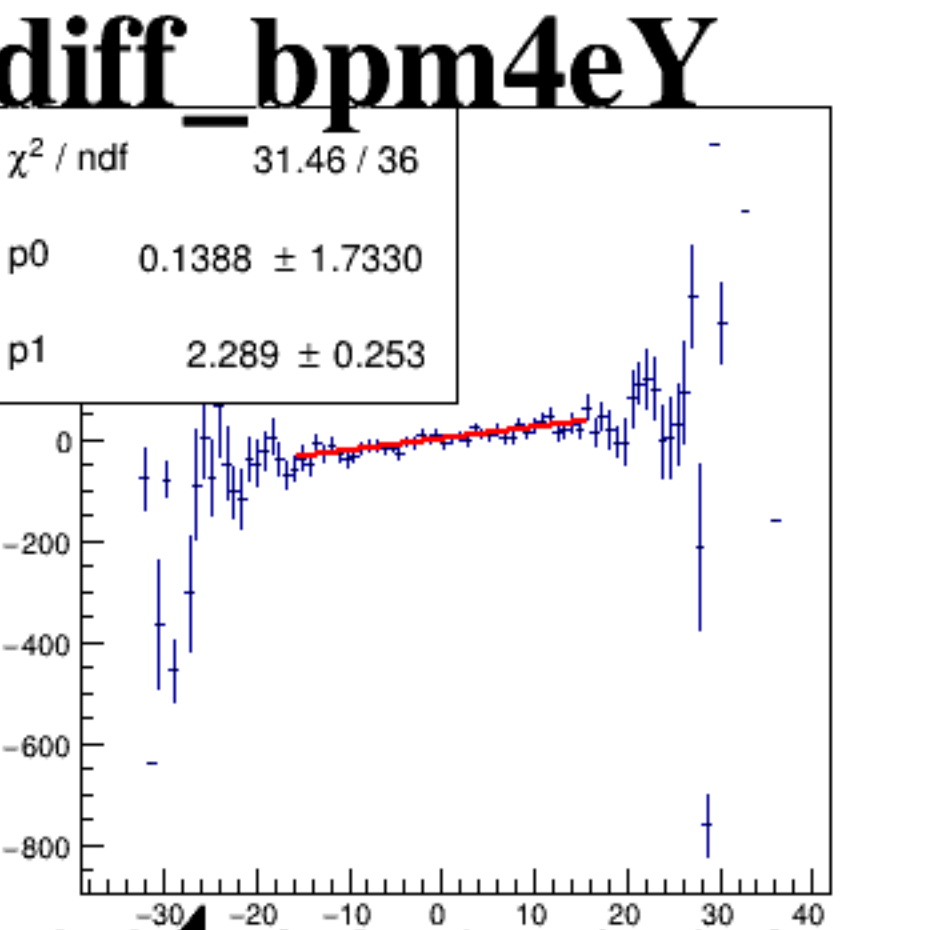
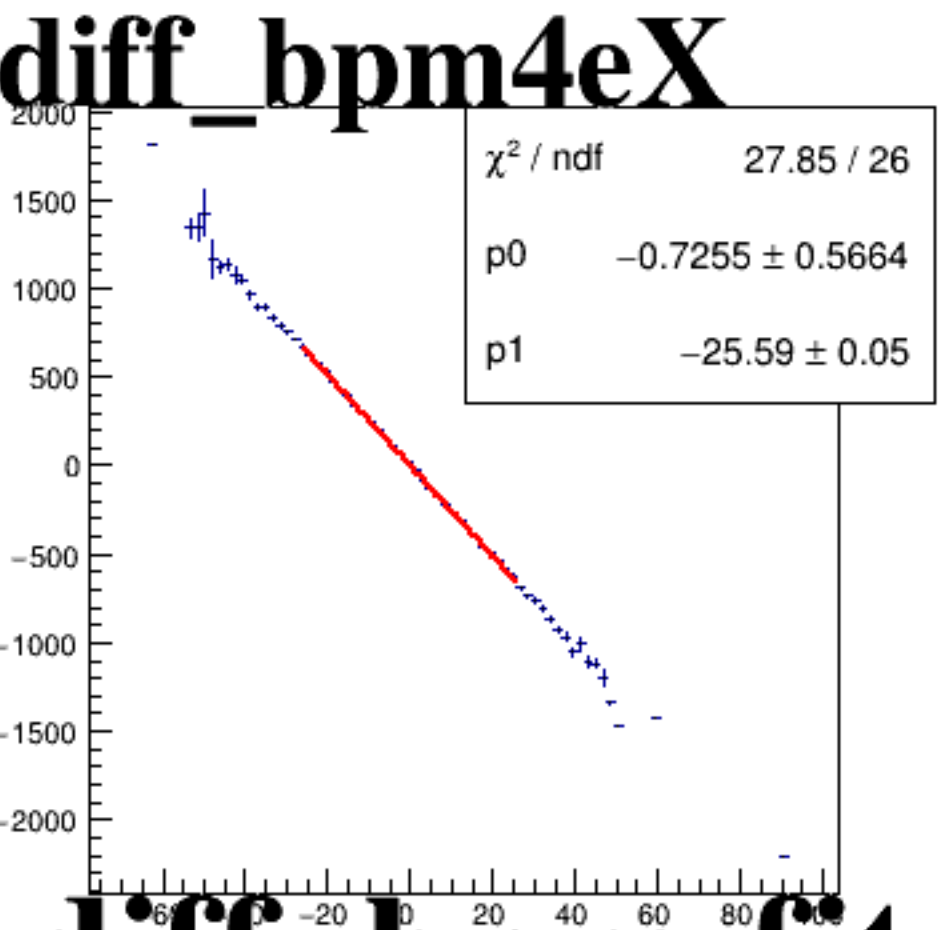
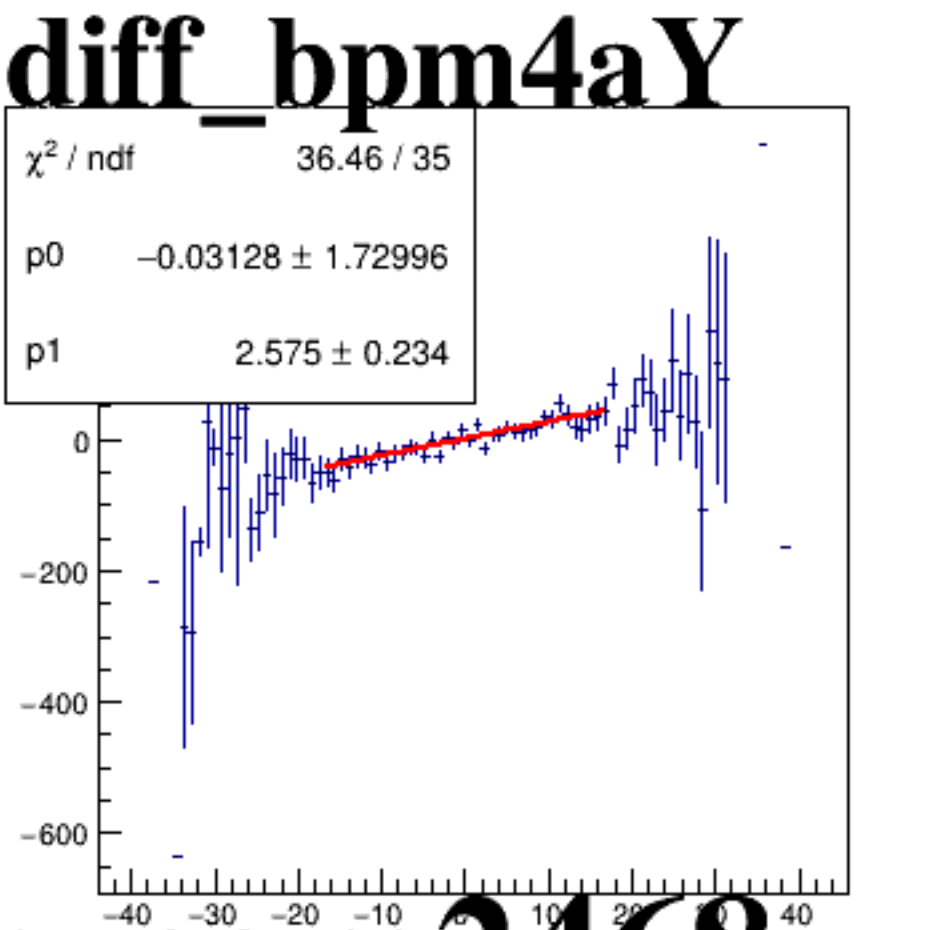
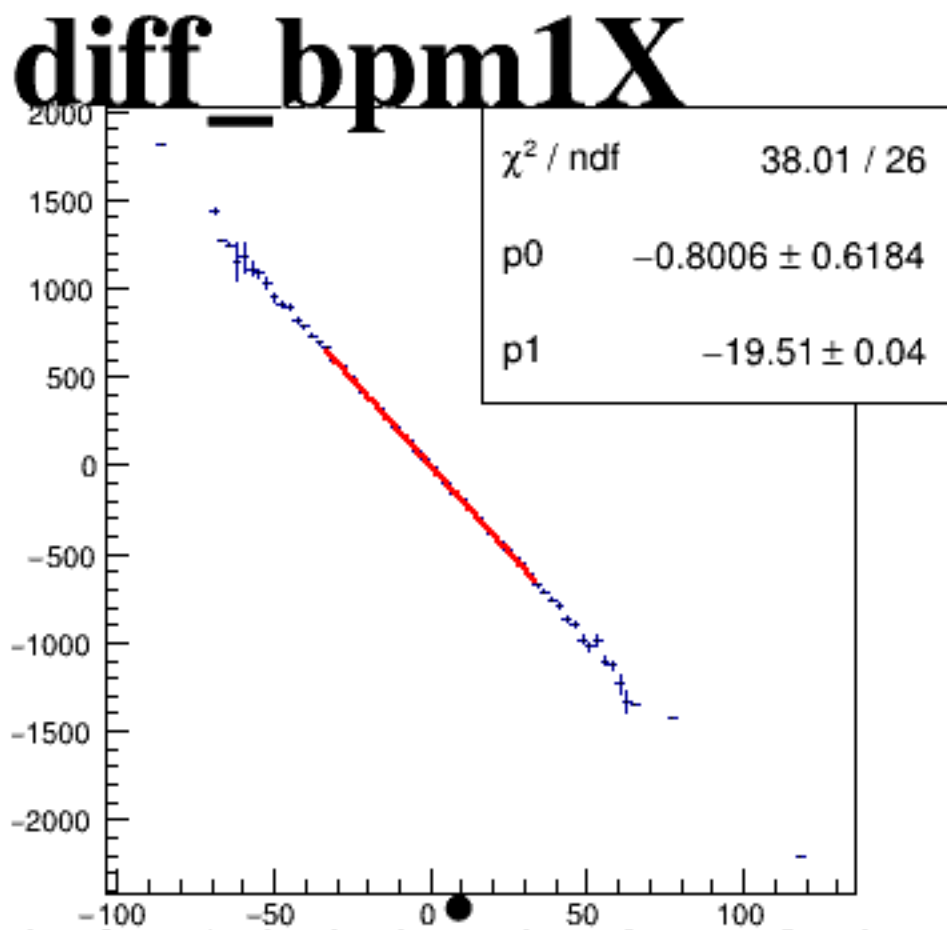
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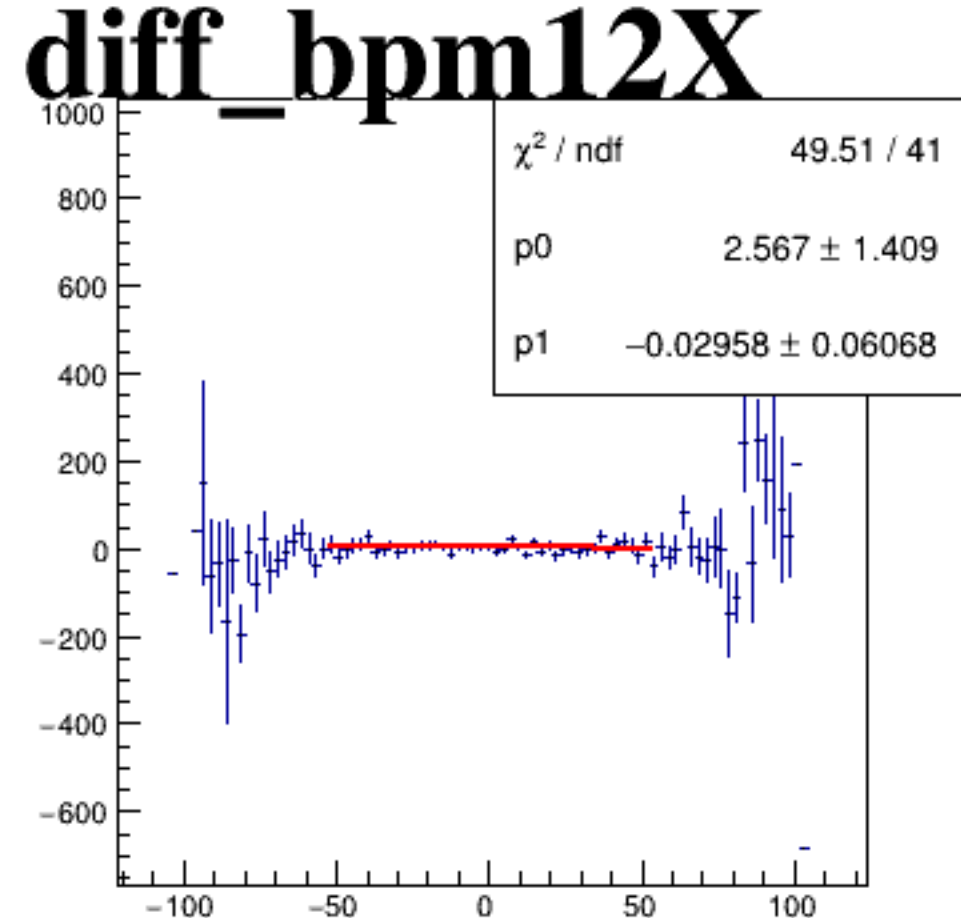
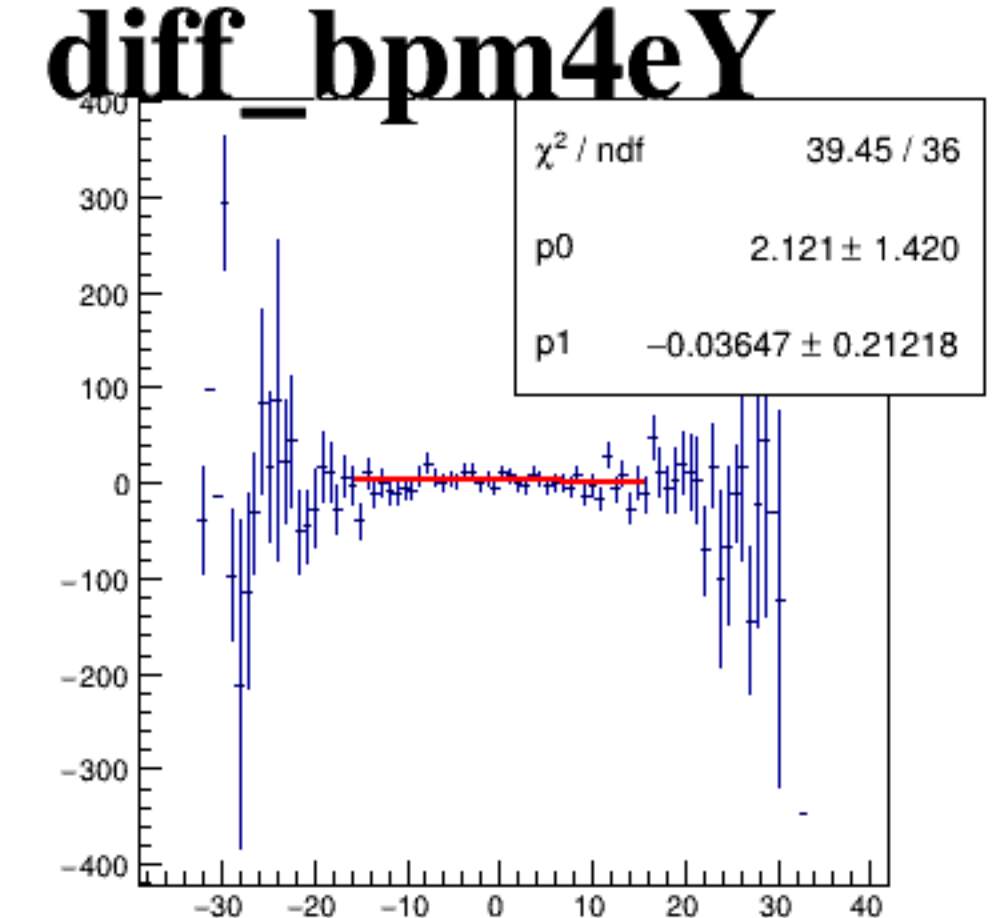
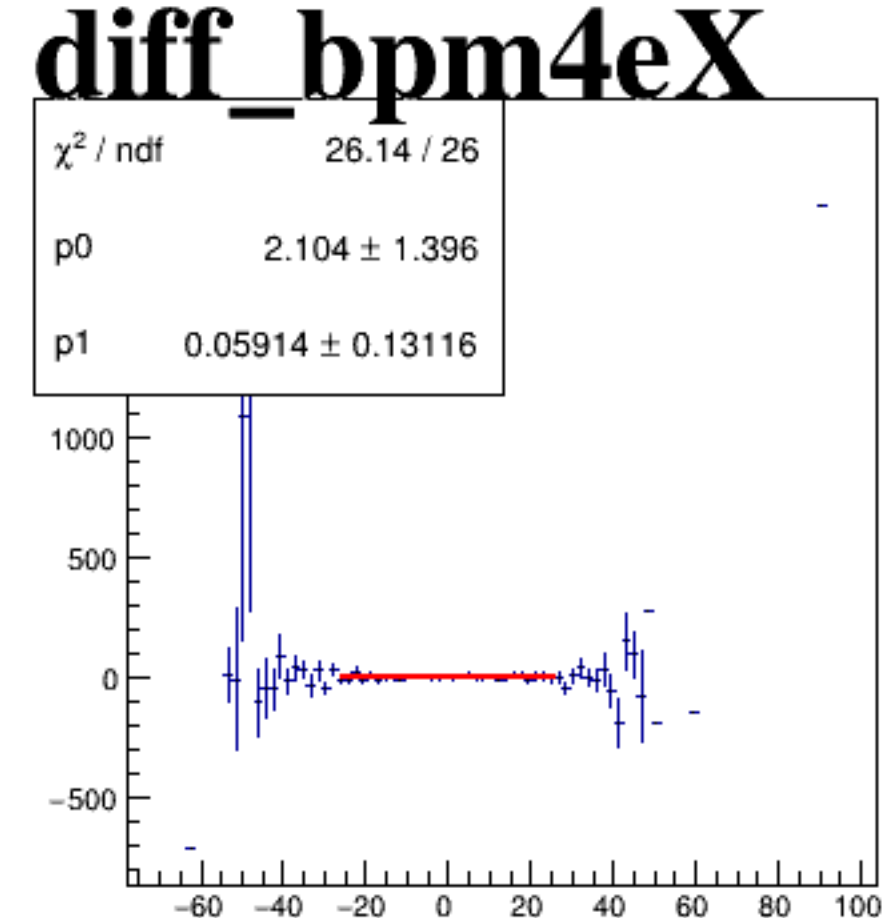
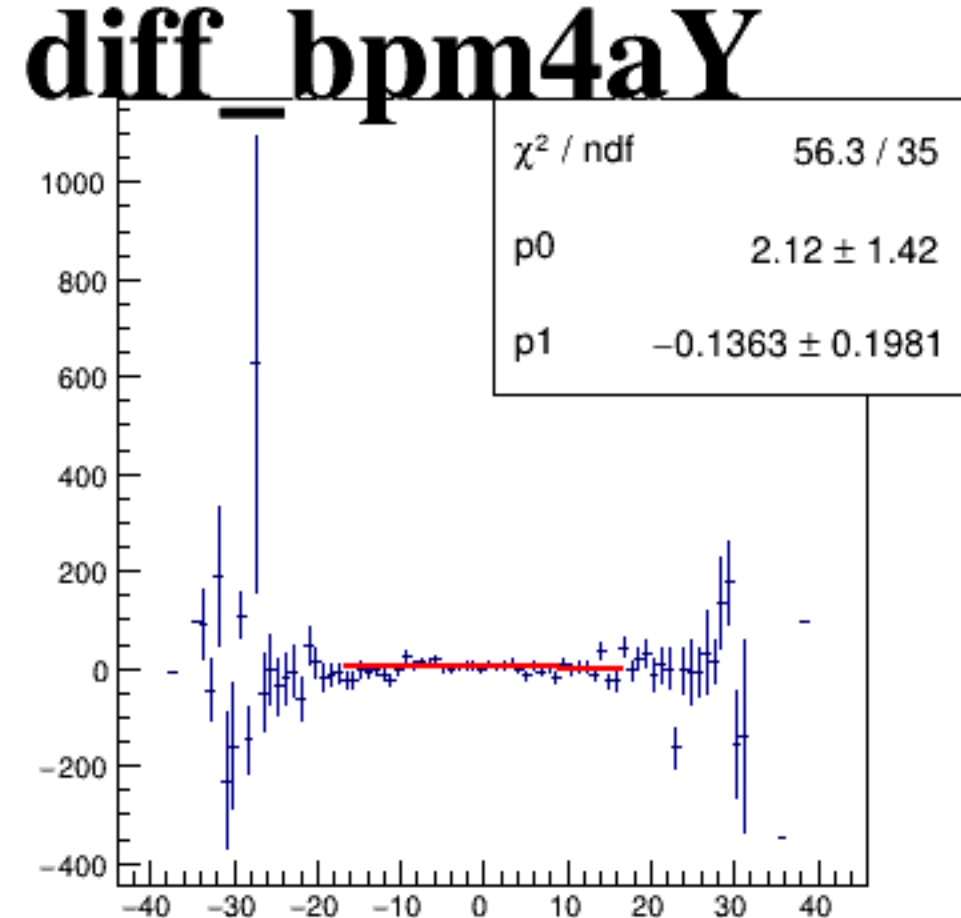
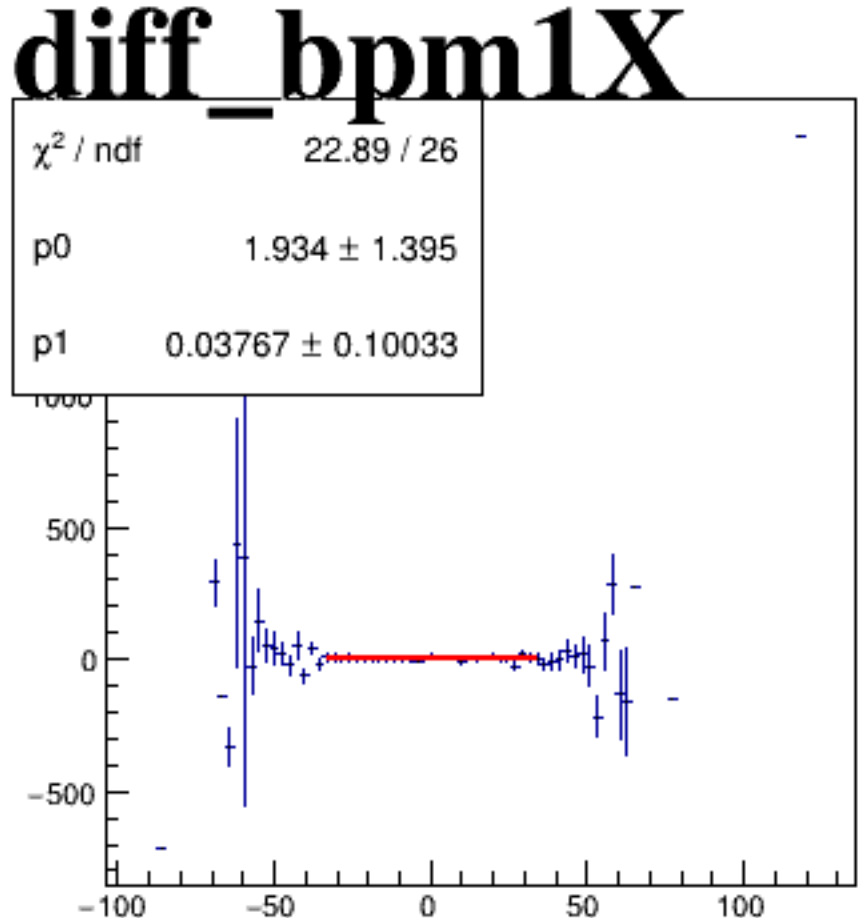
asym_sam6



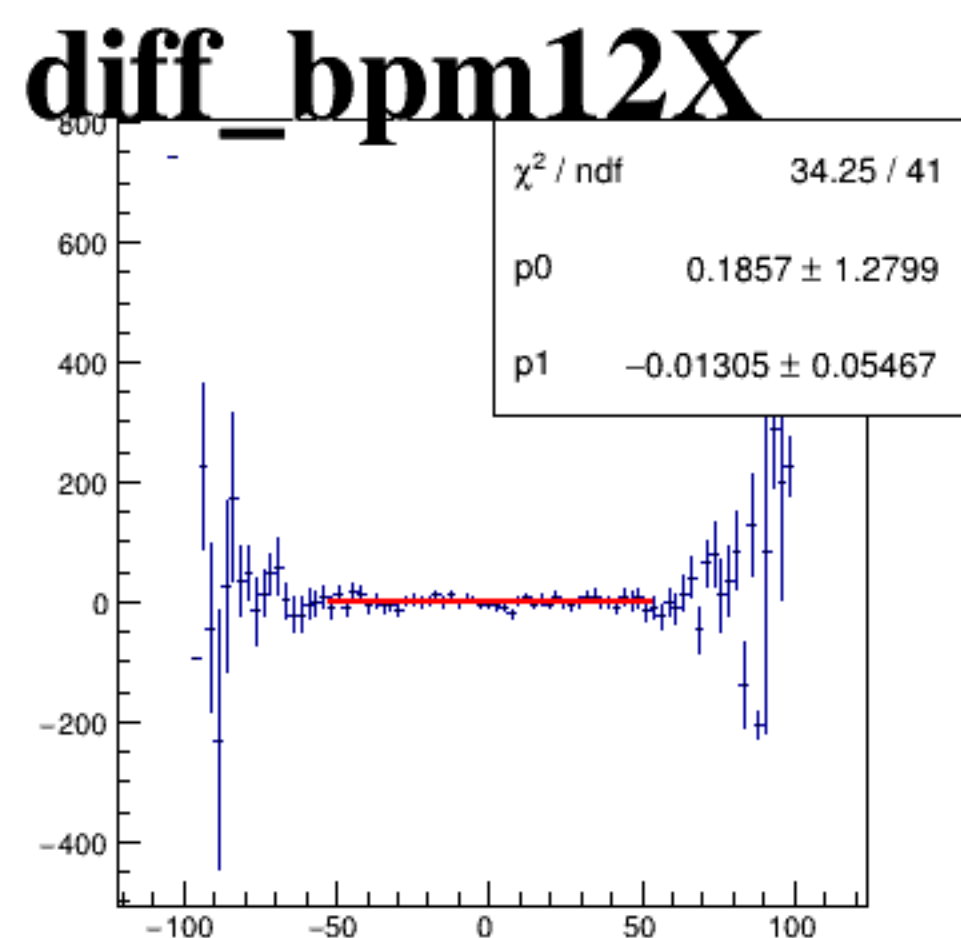
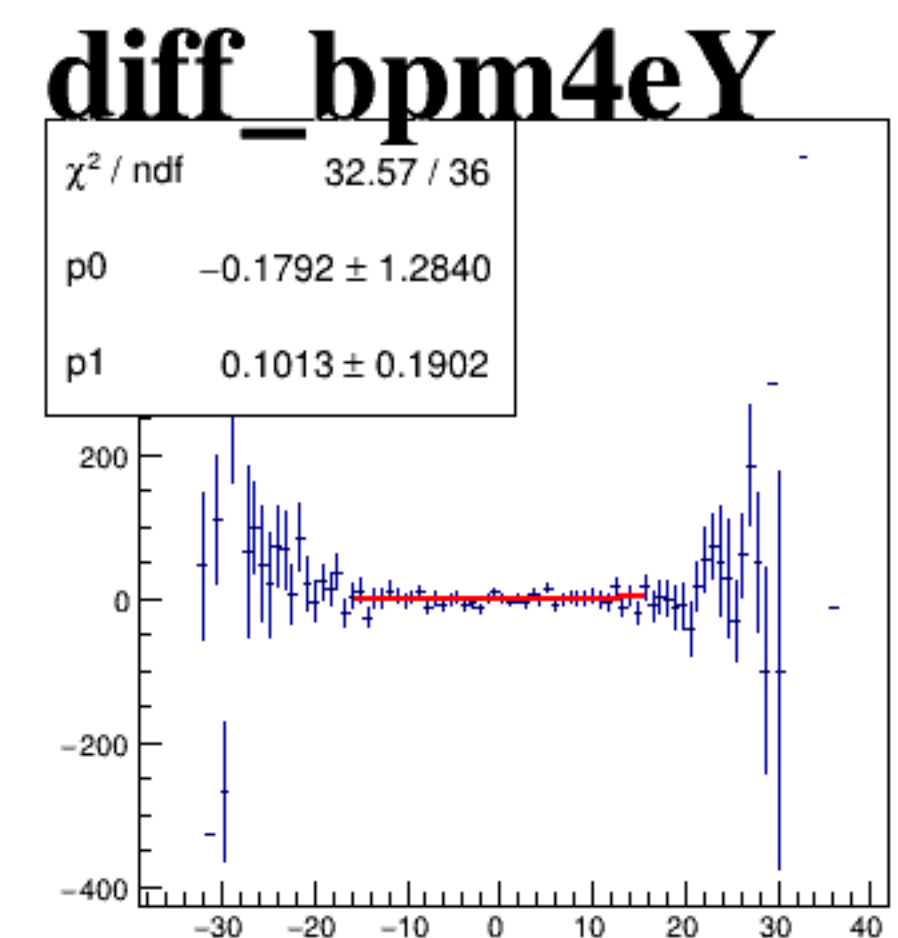
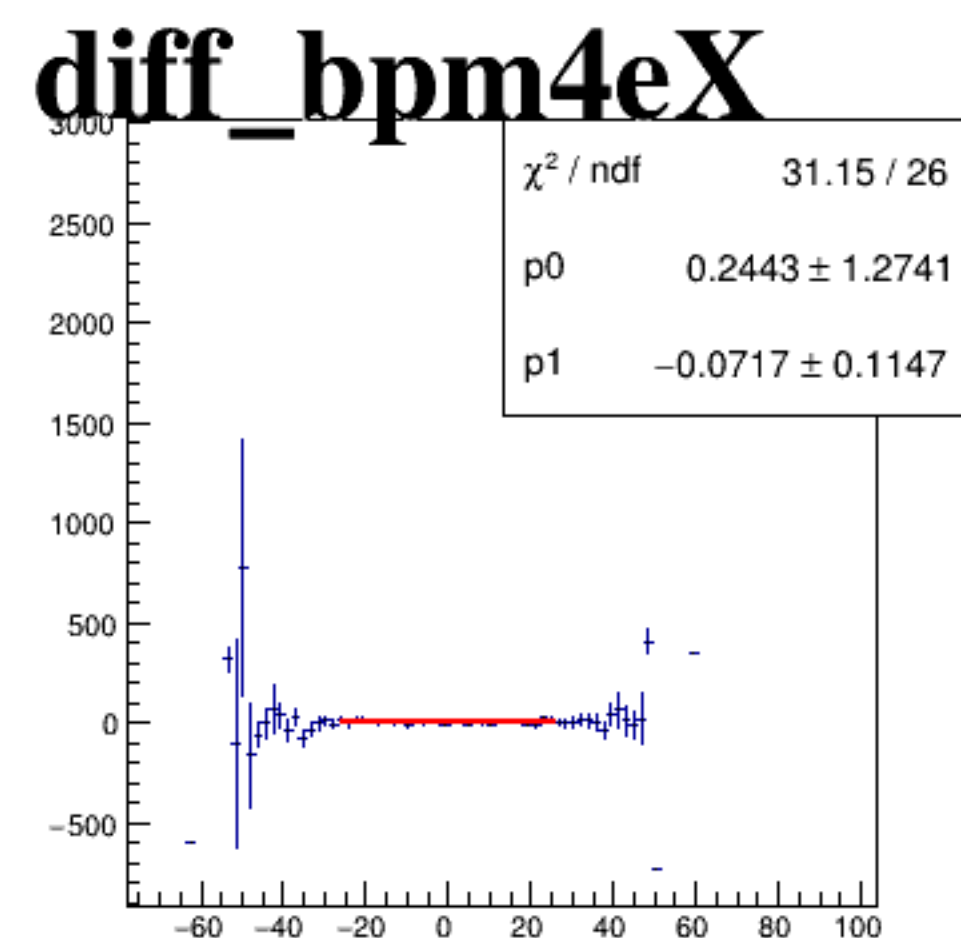
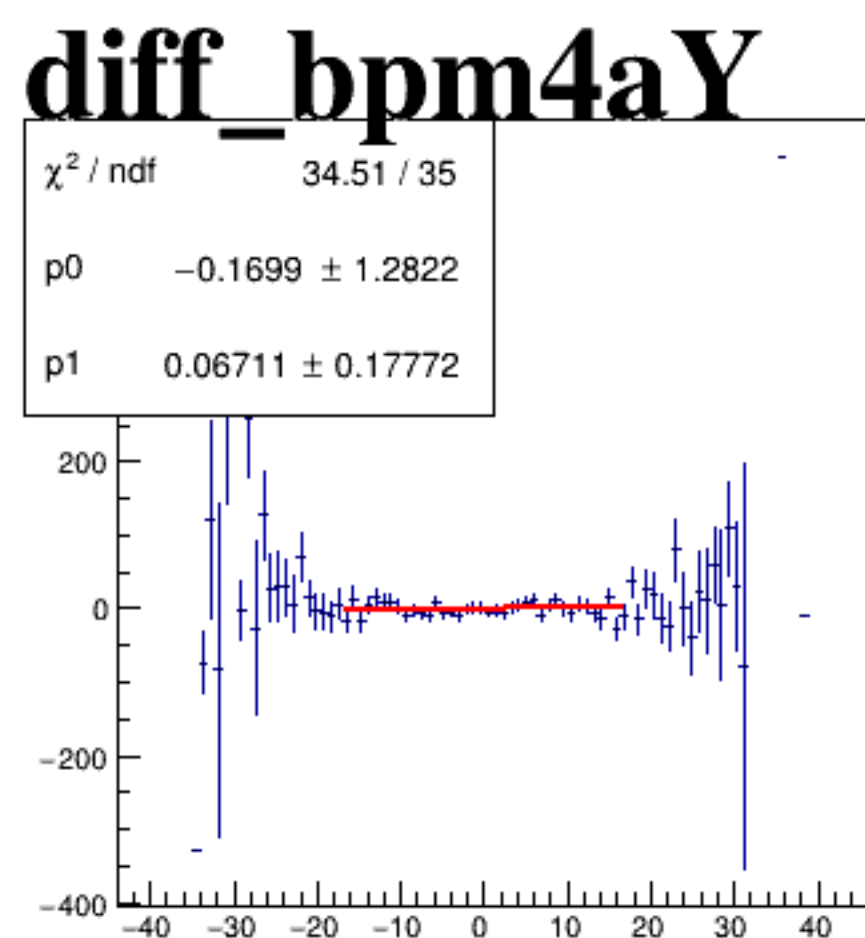
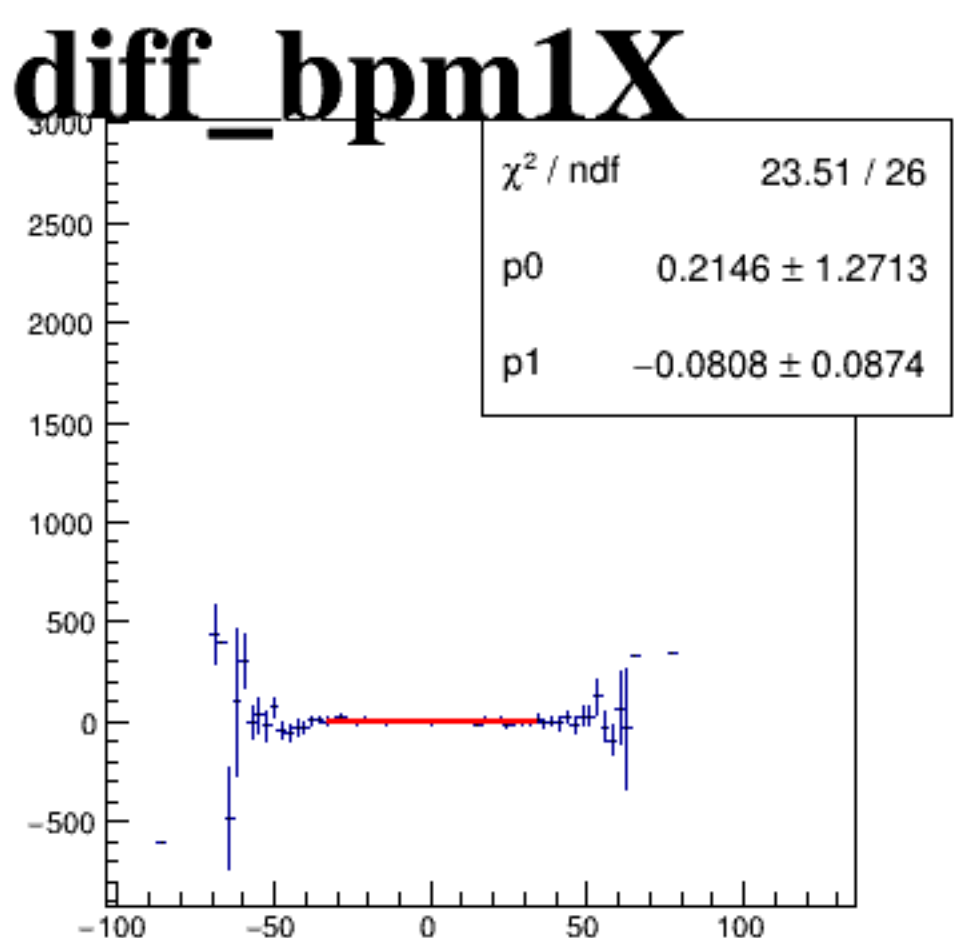
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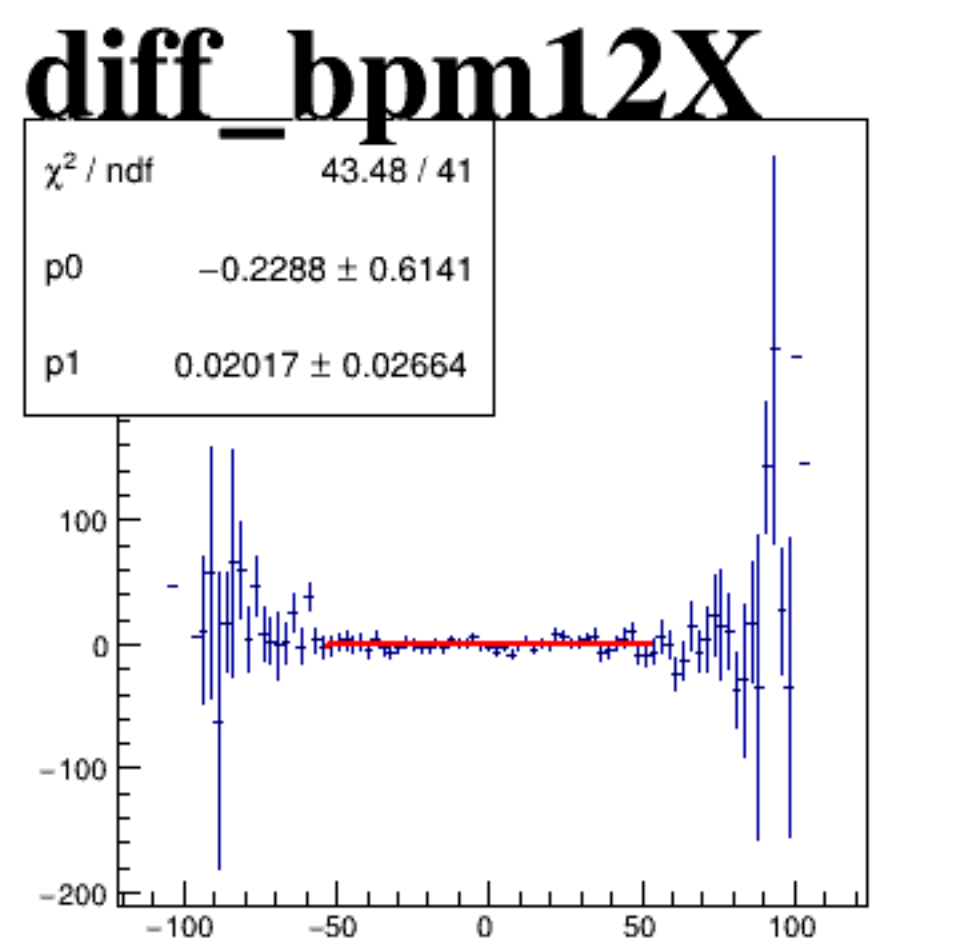
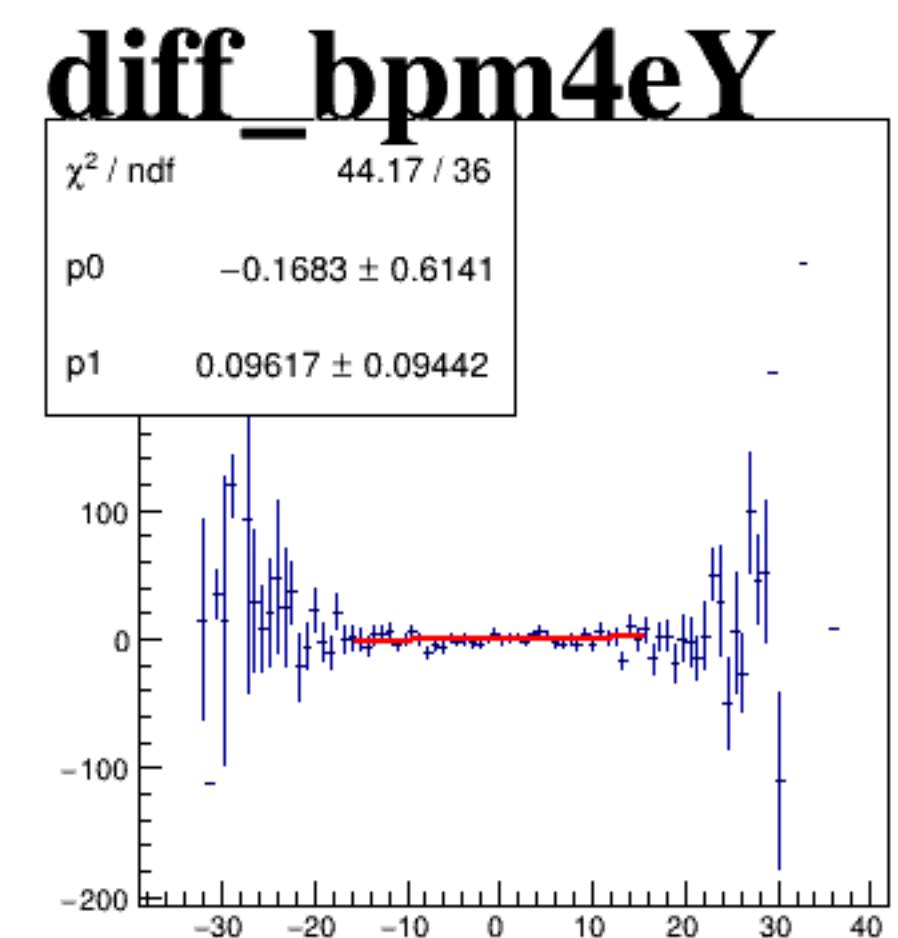
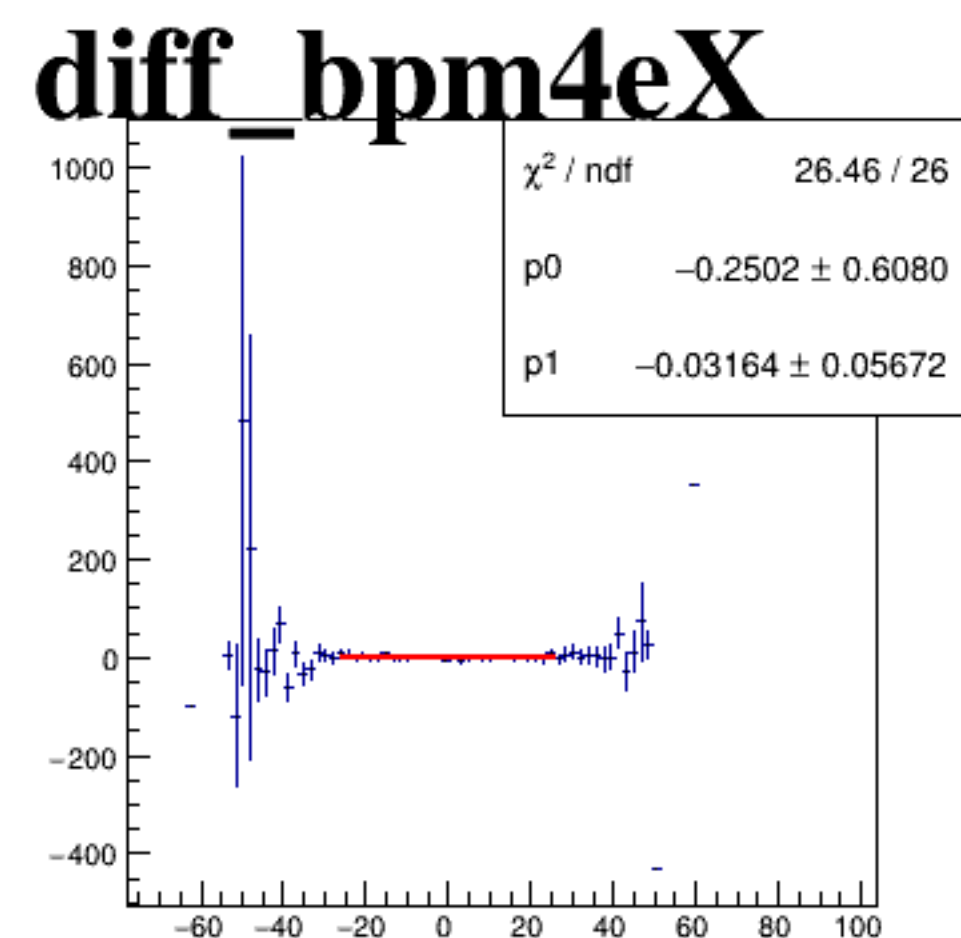
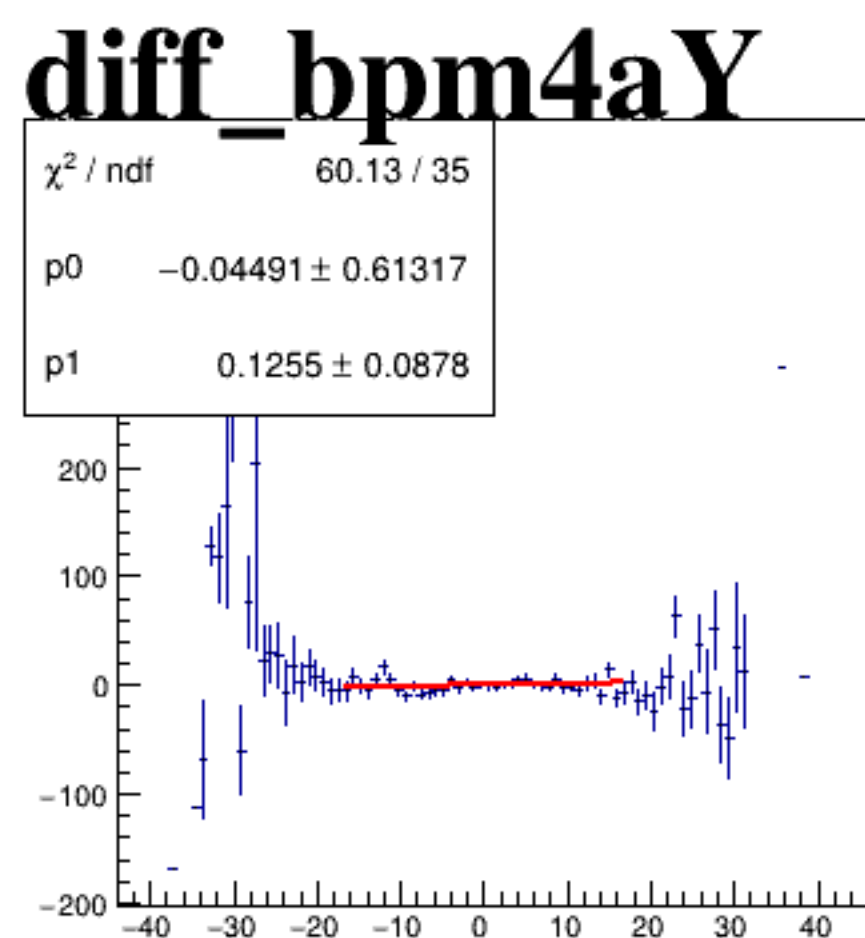
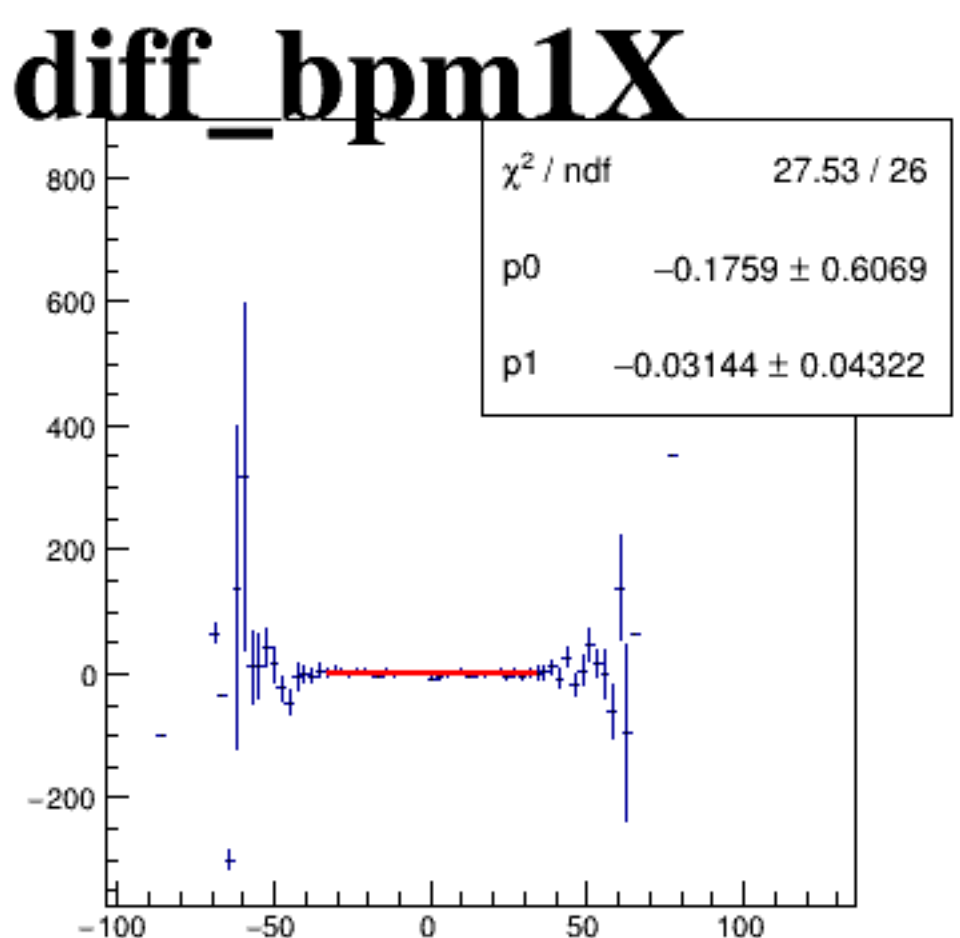
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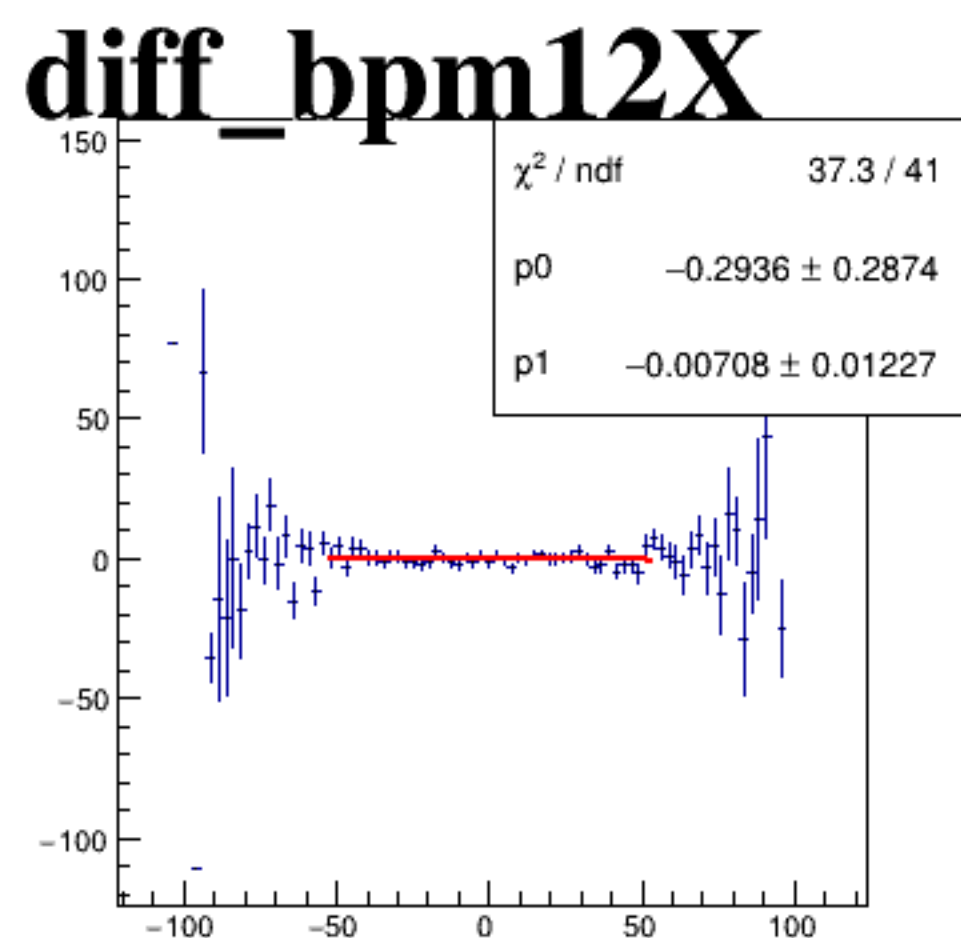
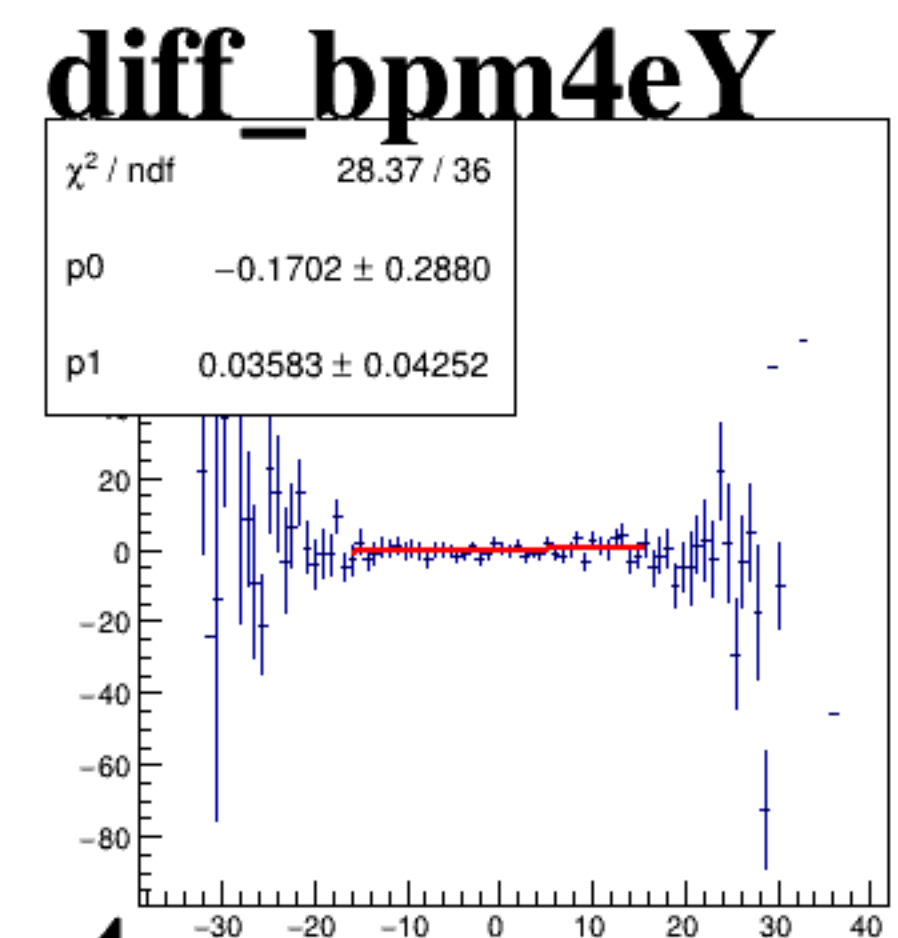
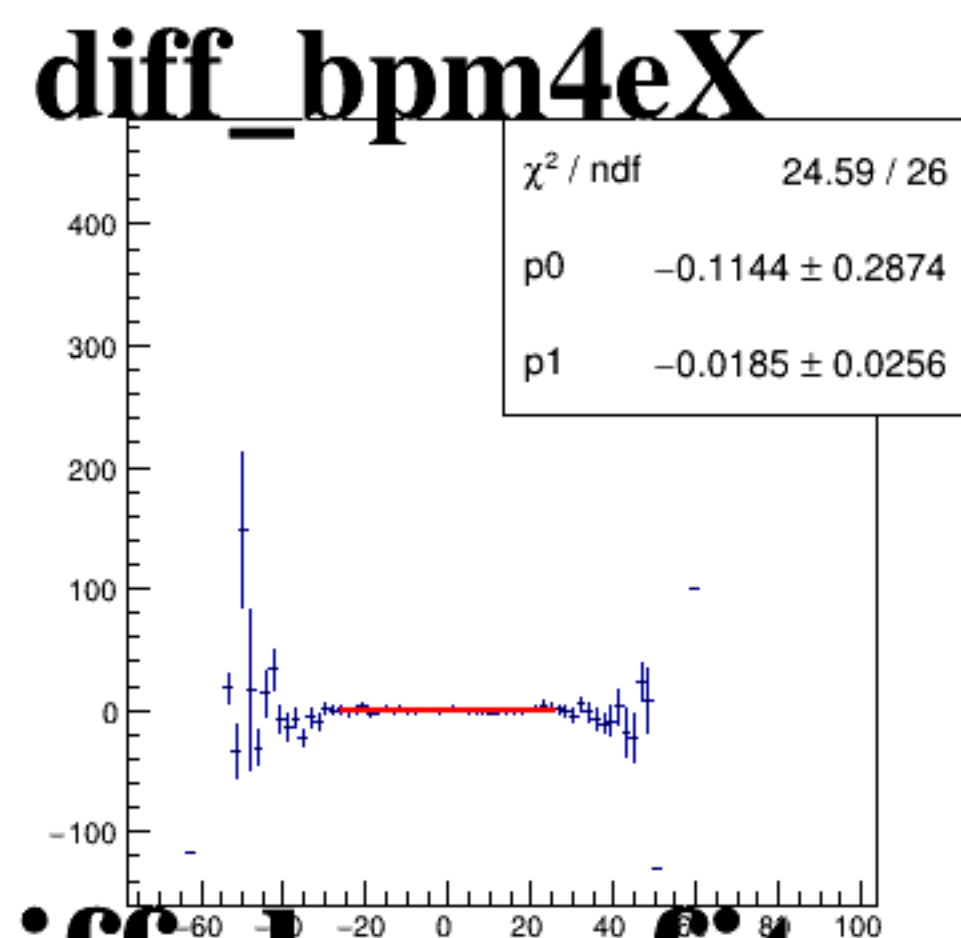
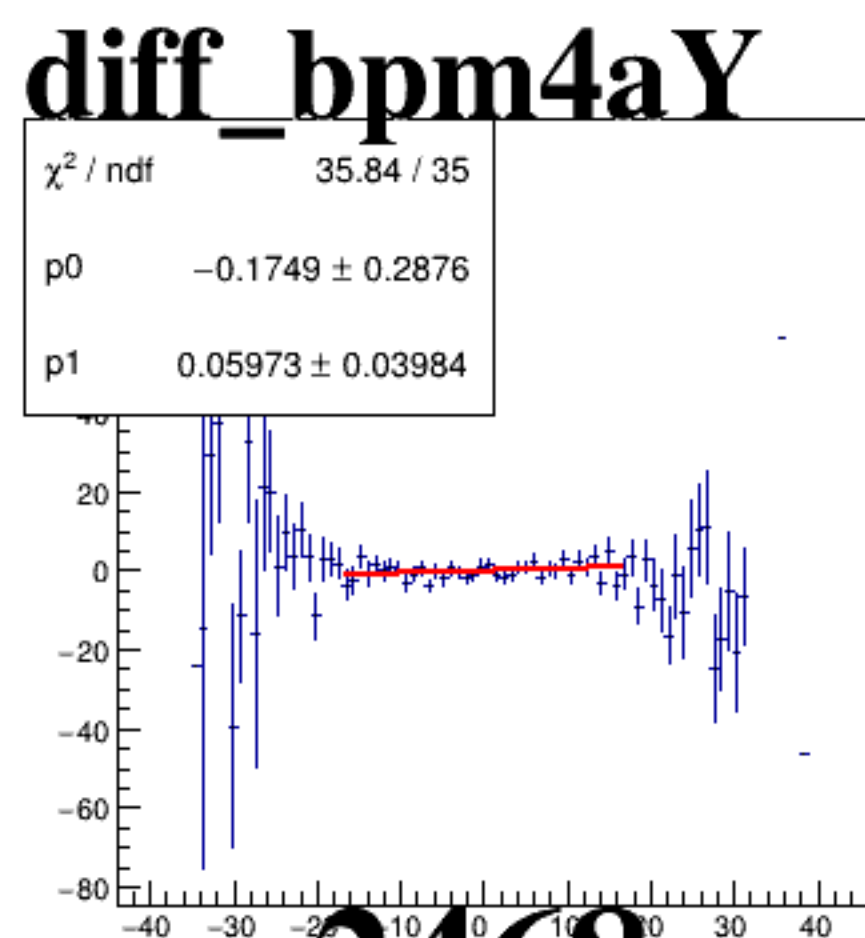
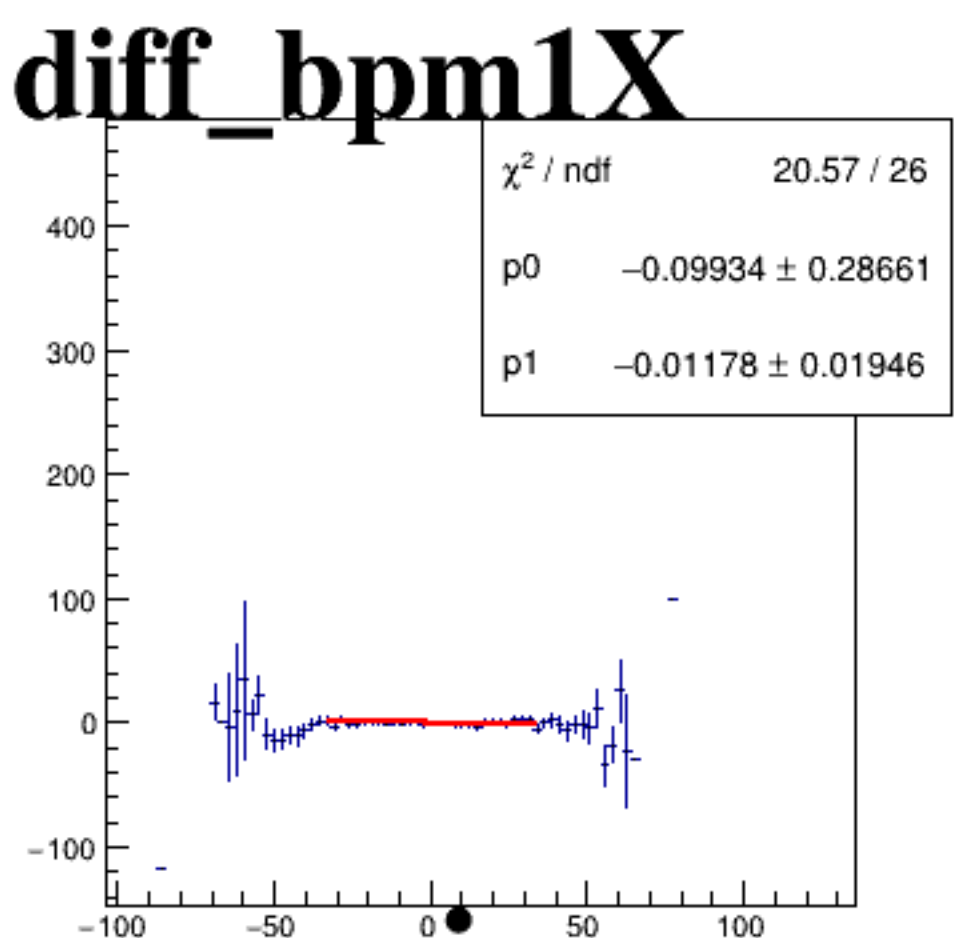
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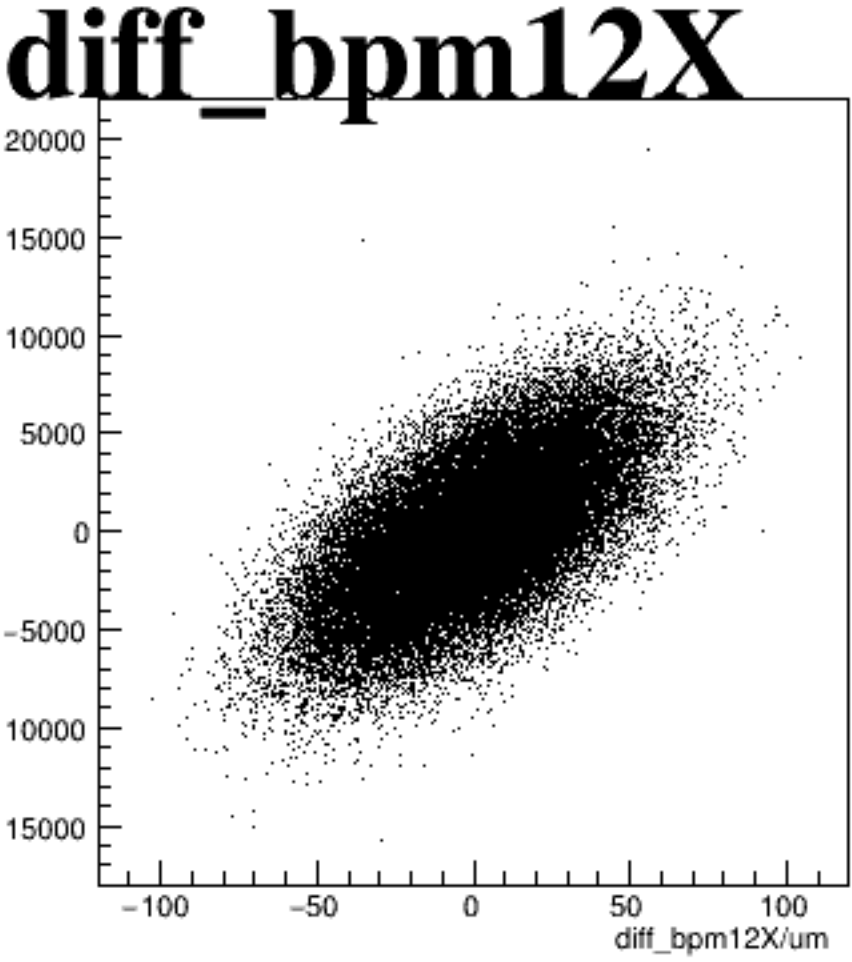
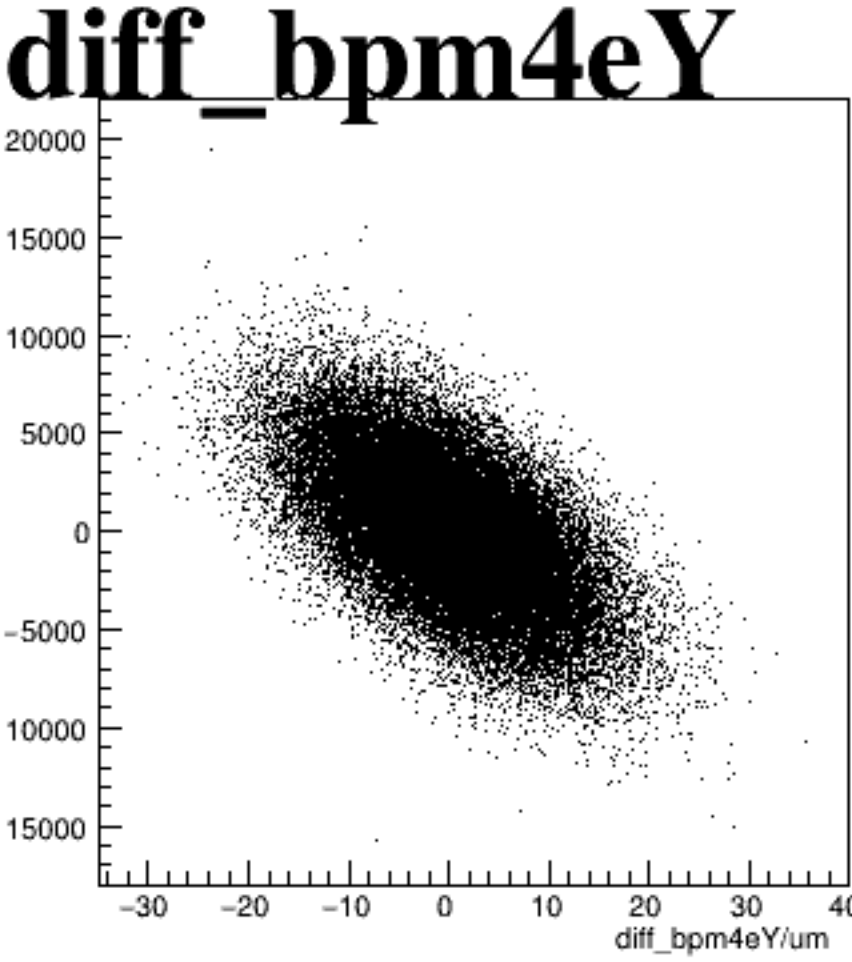
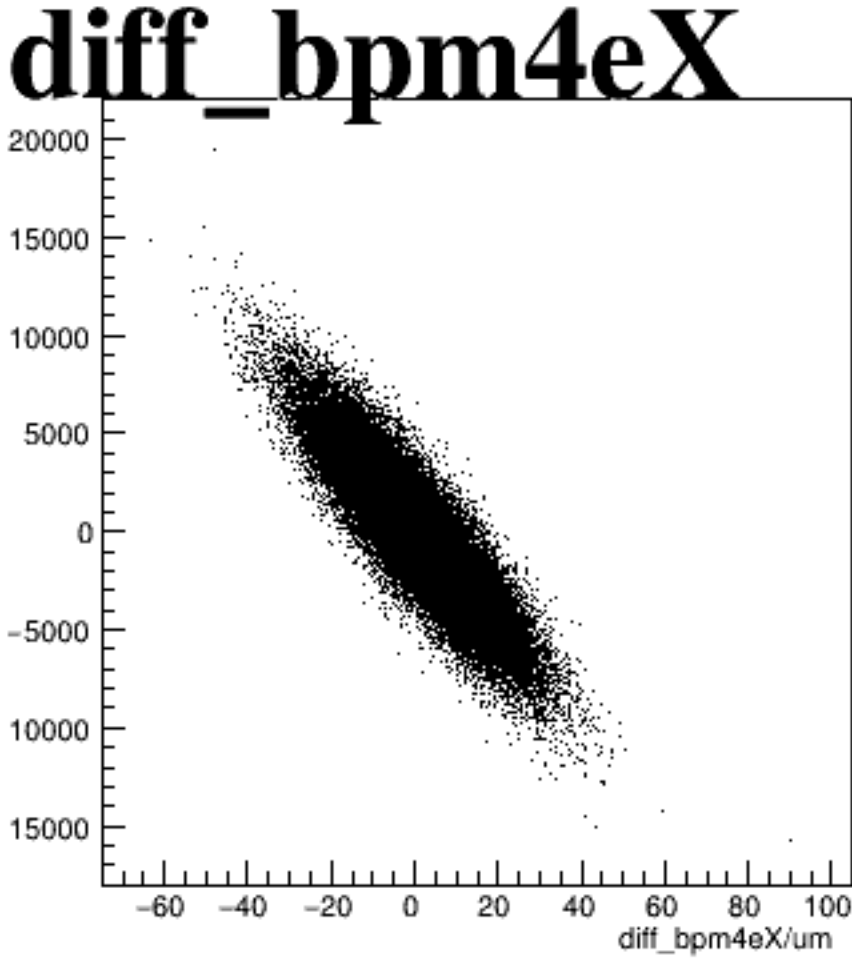
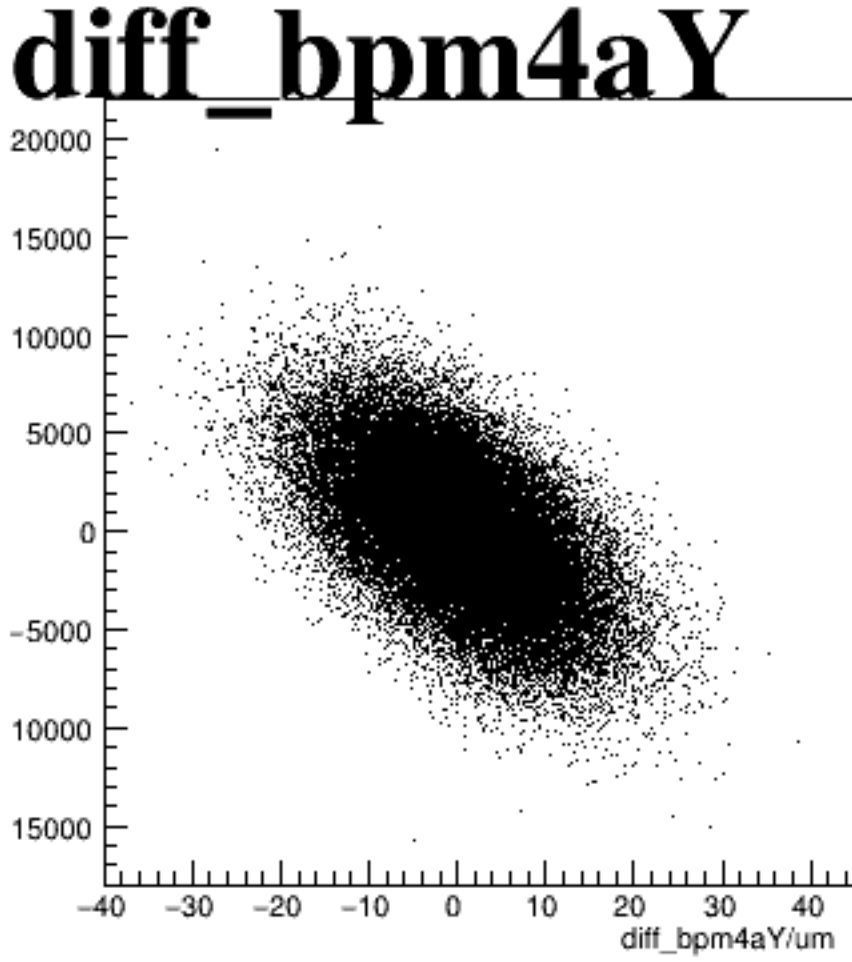
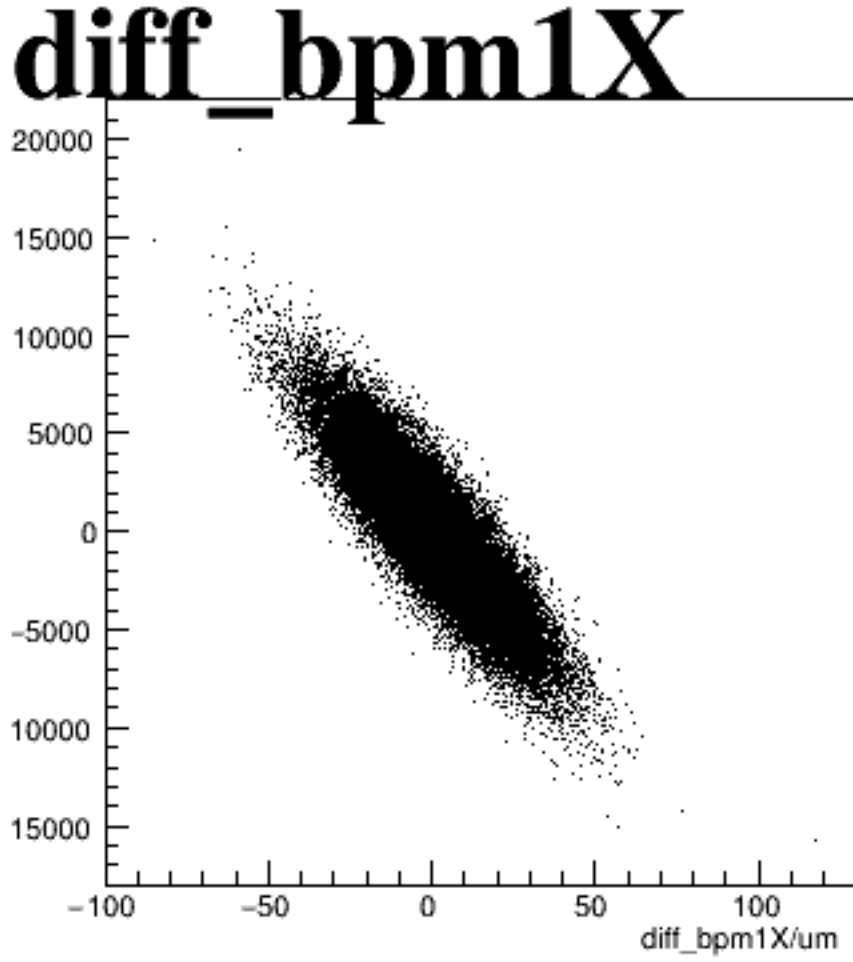
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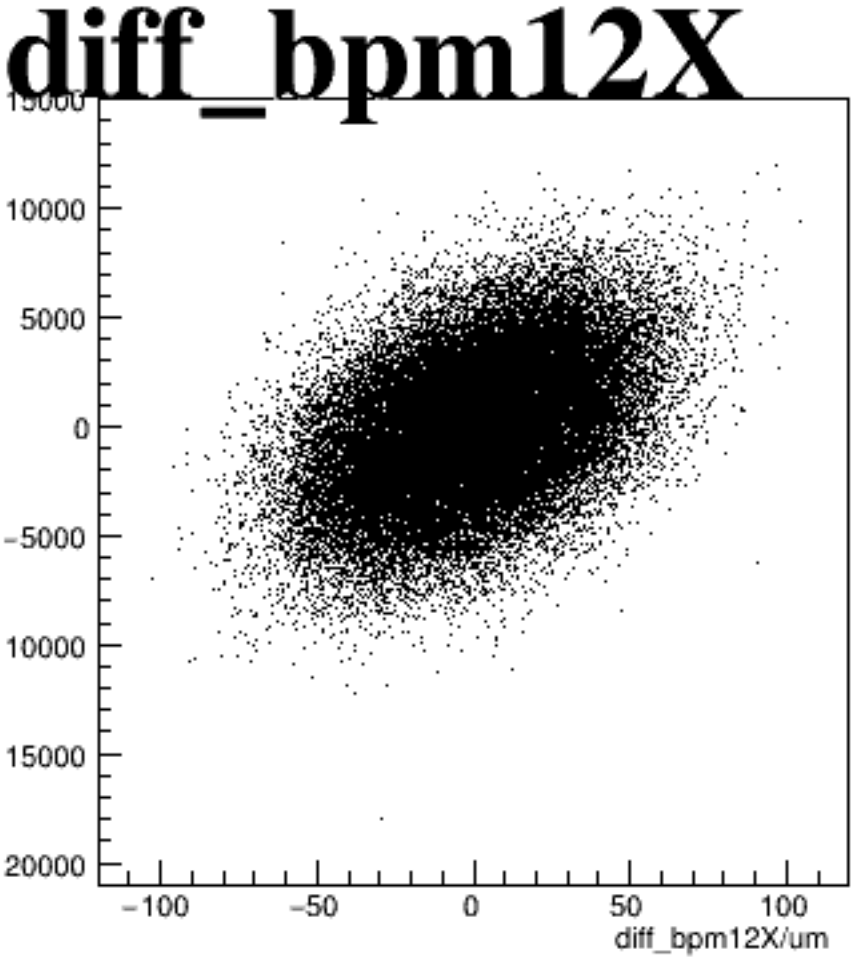
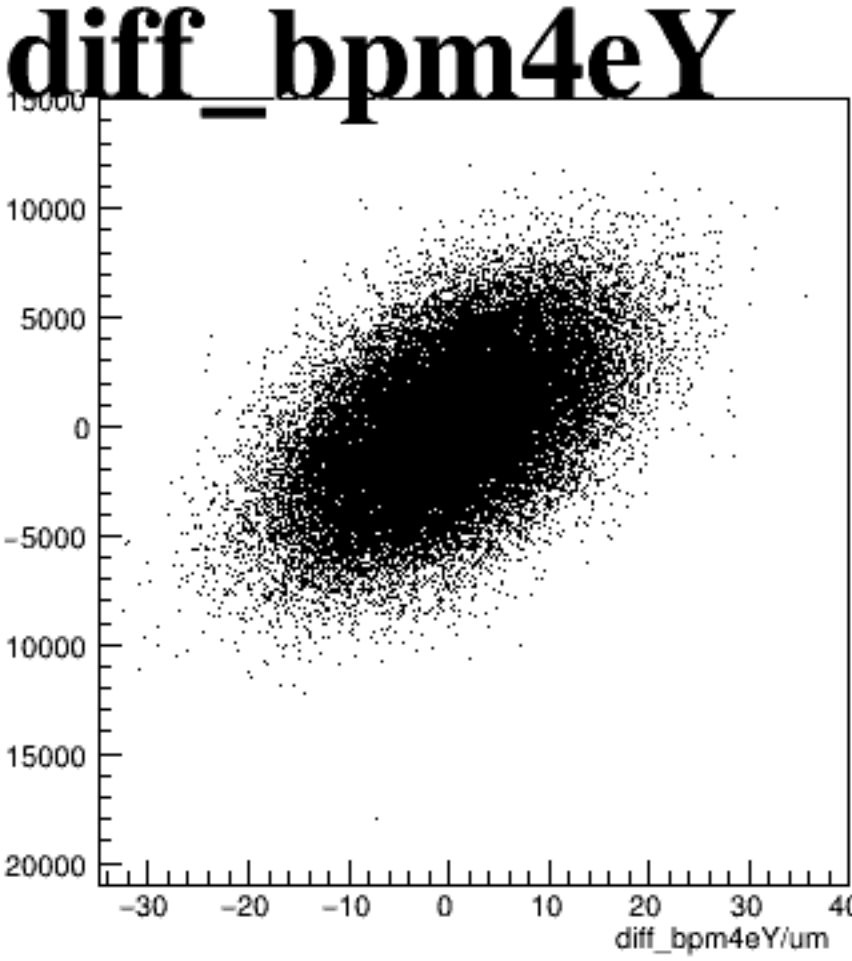
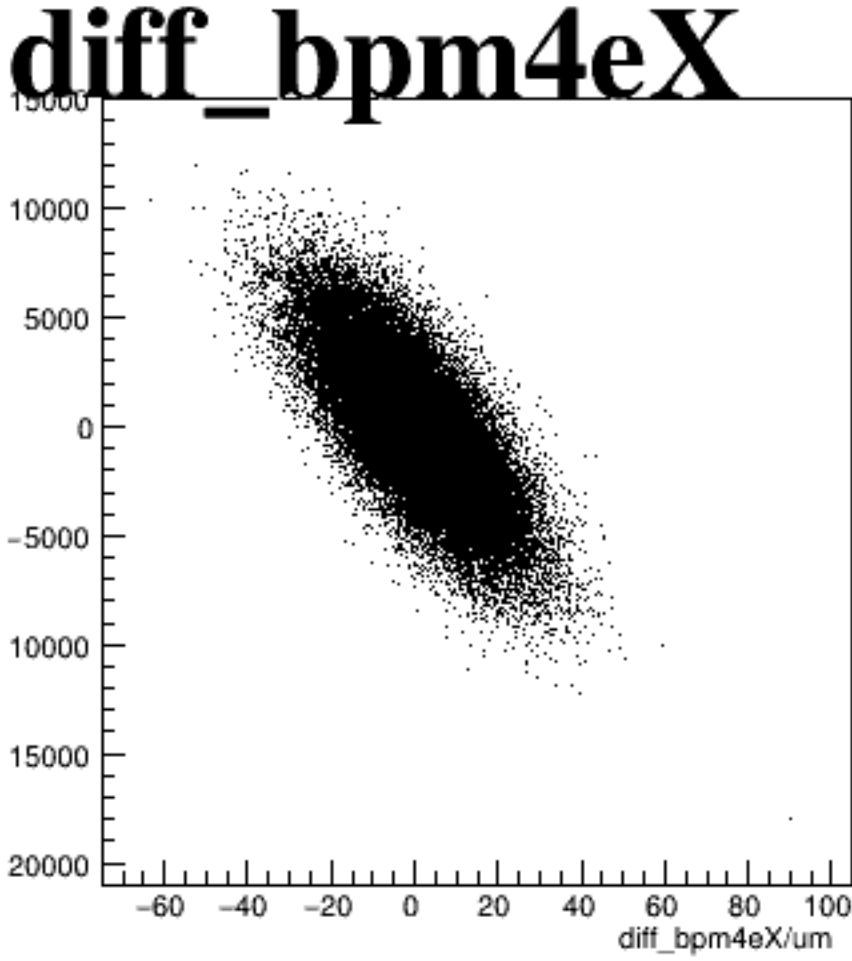
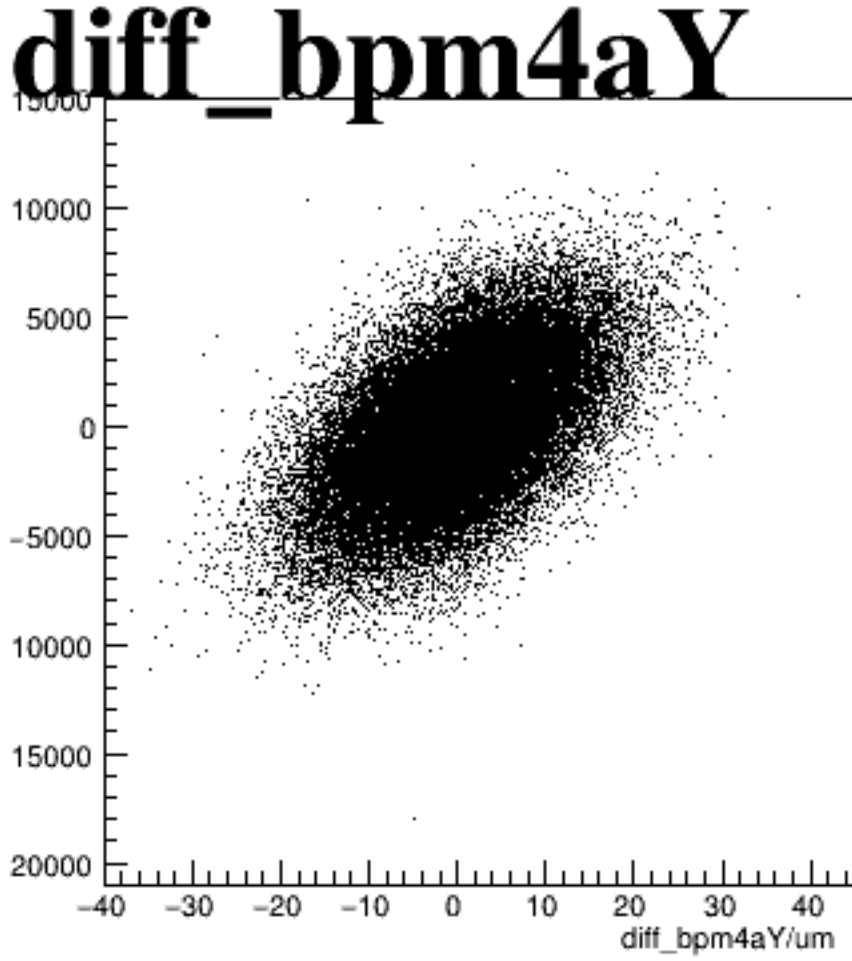
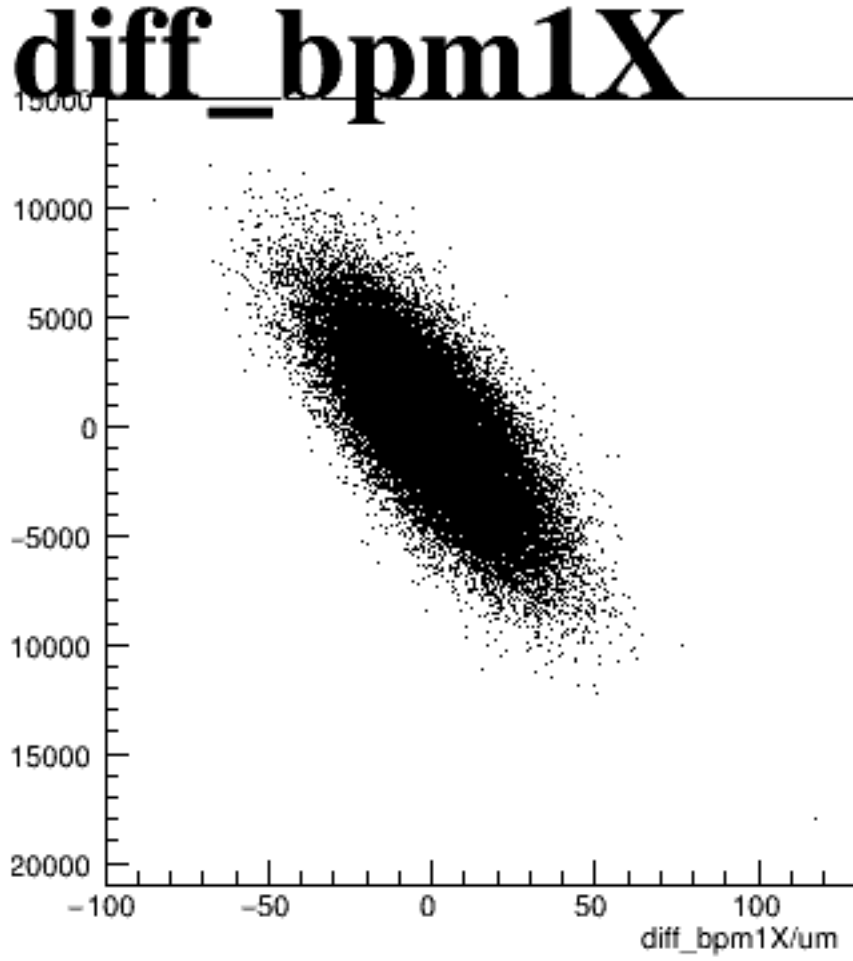
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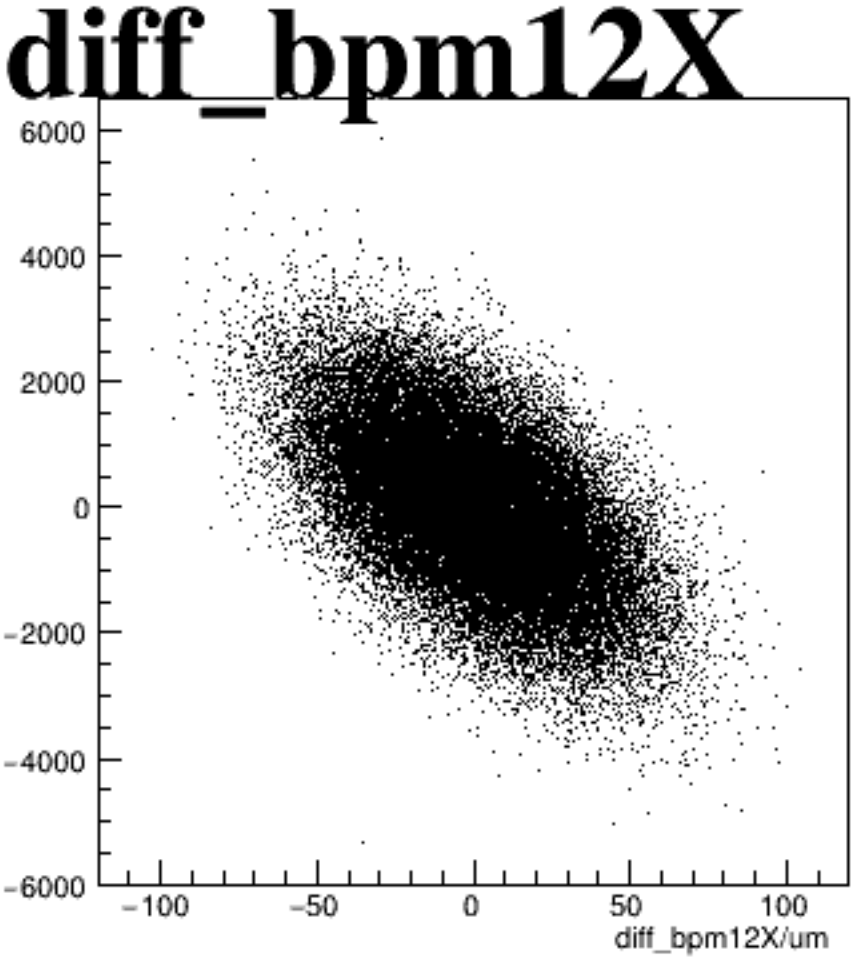
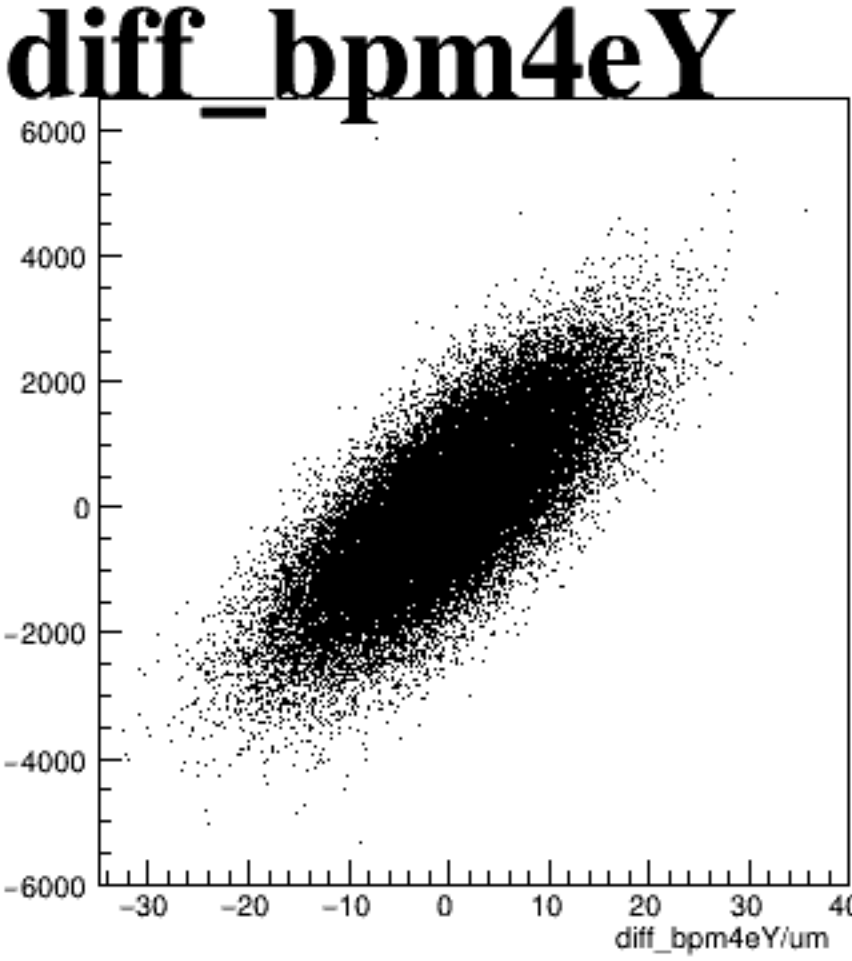
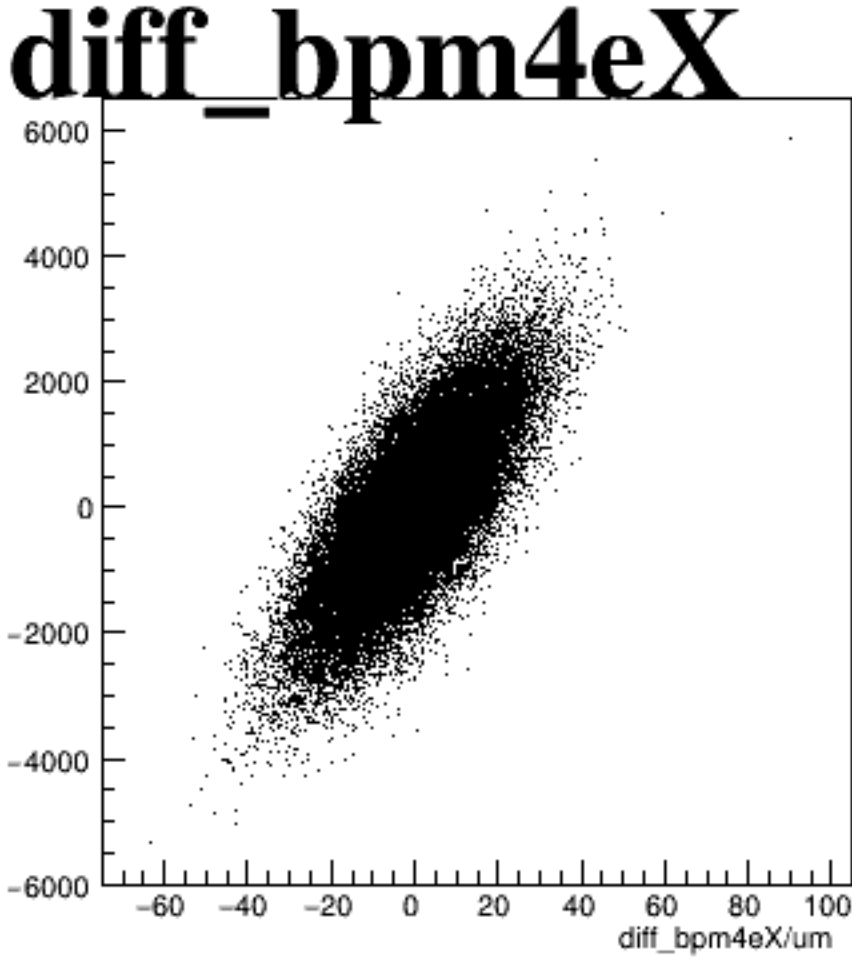
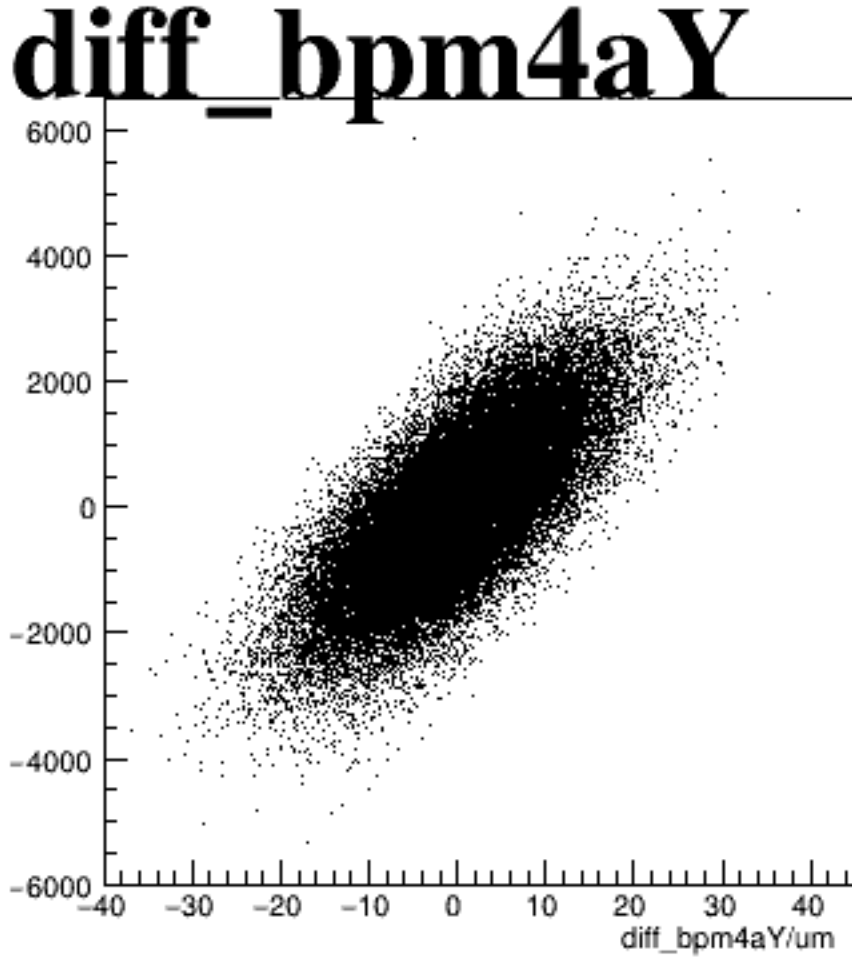
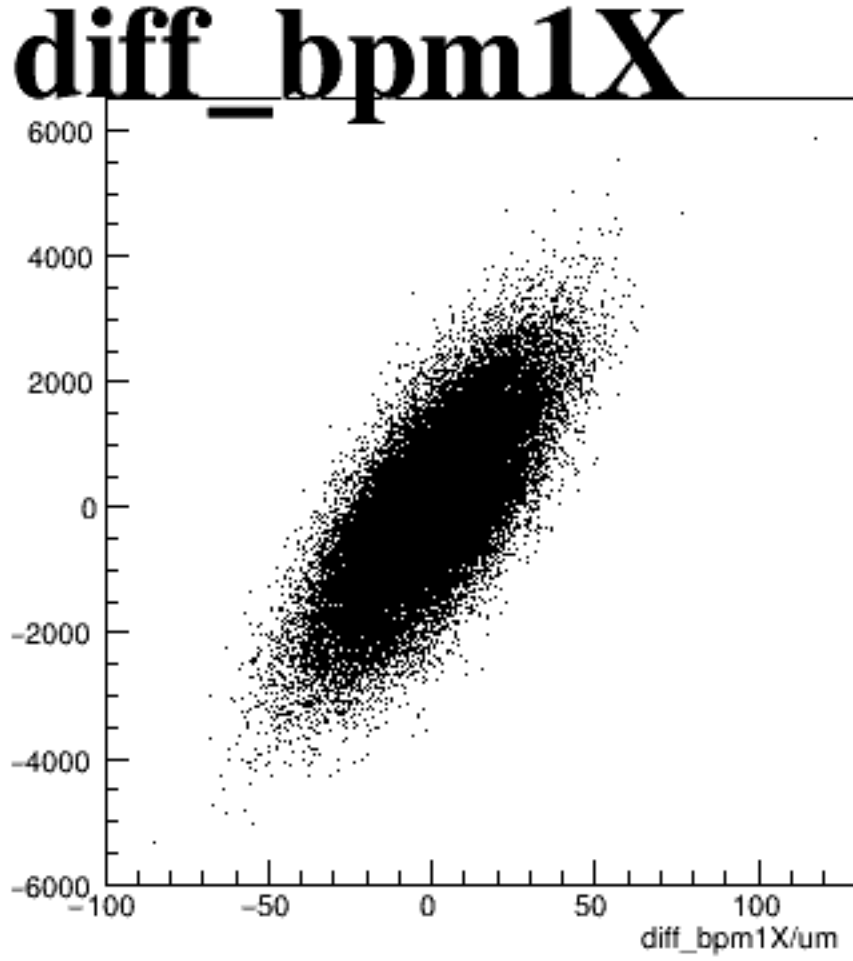
asym_sam2



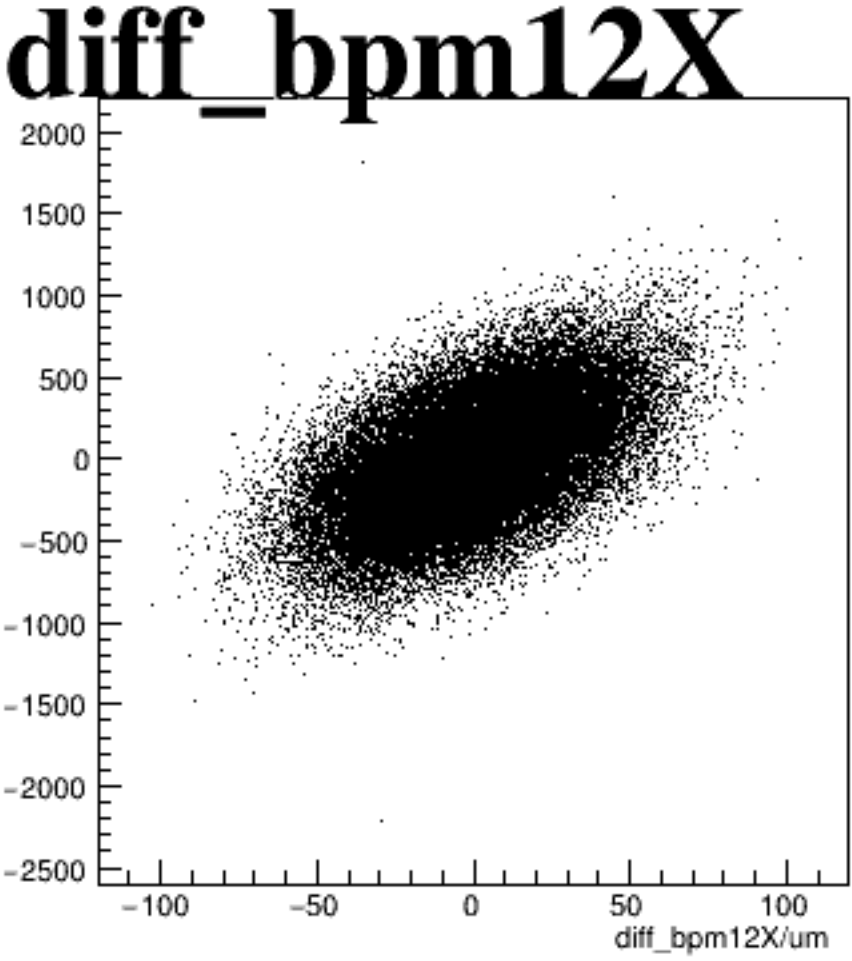
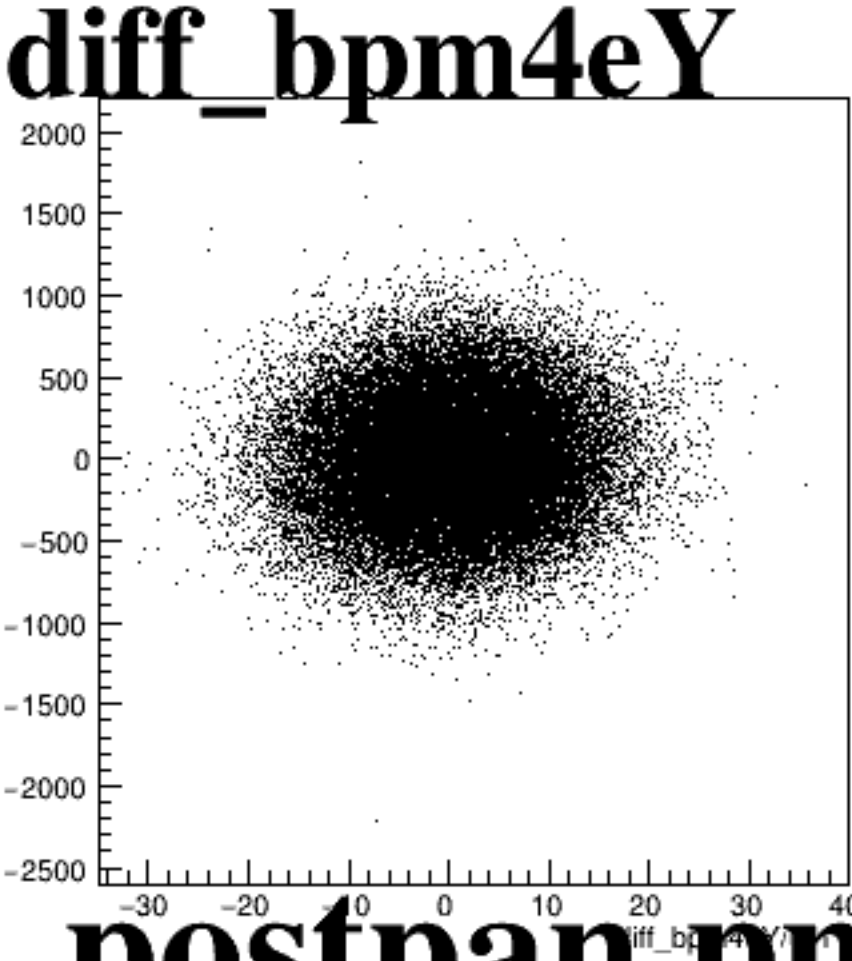
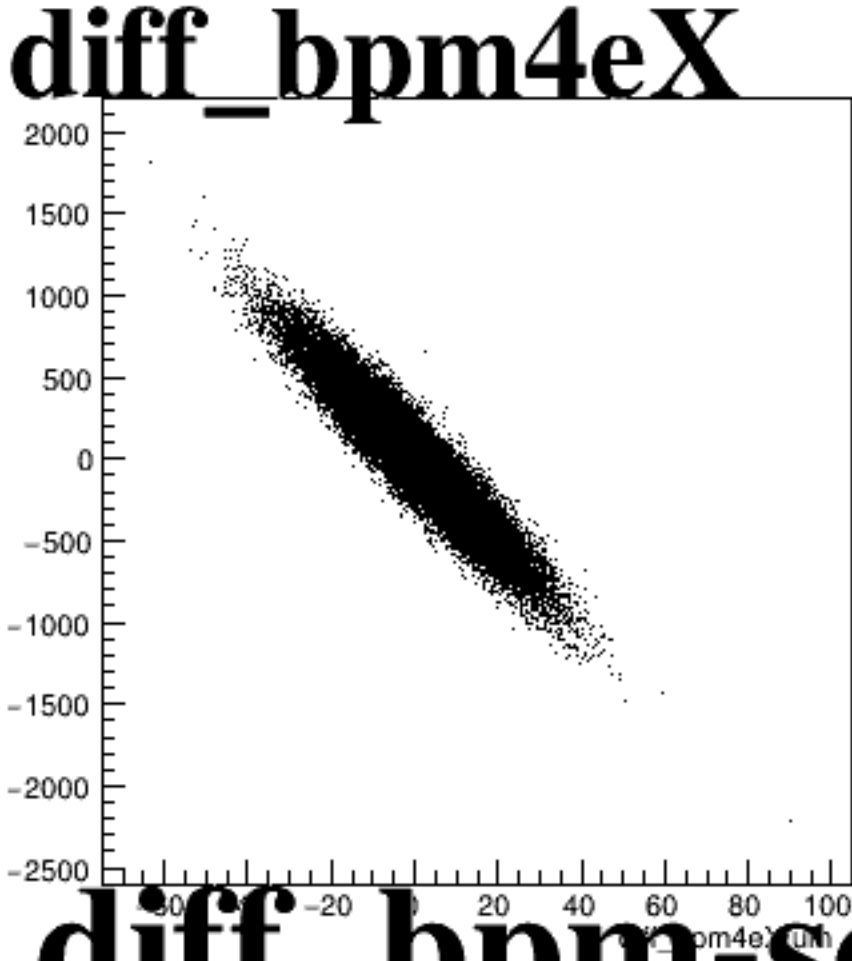
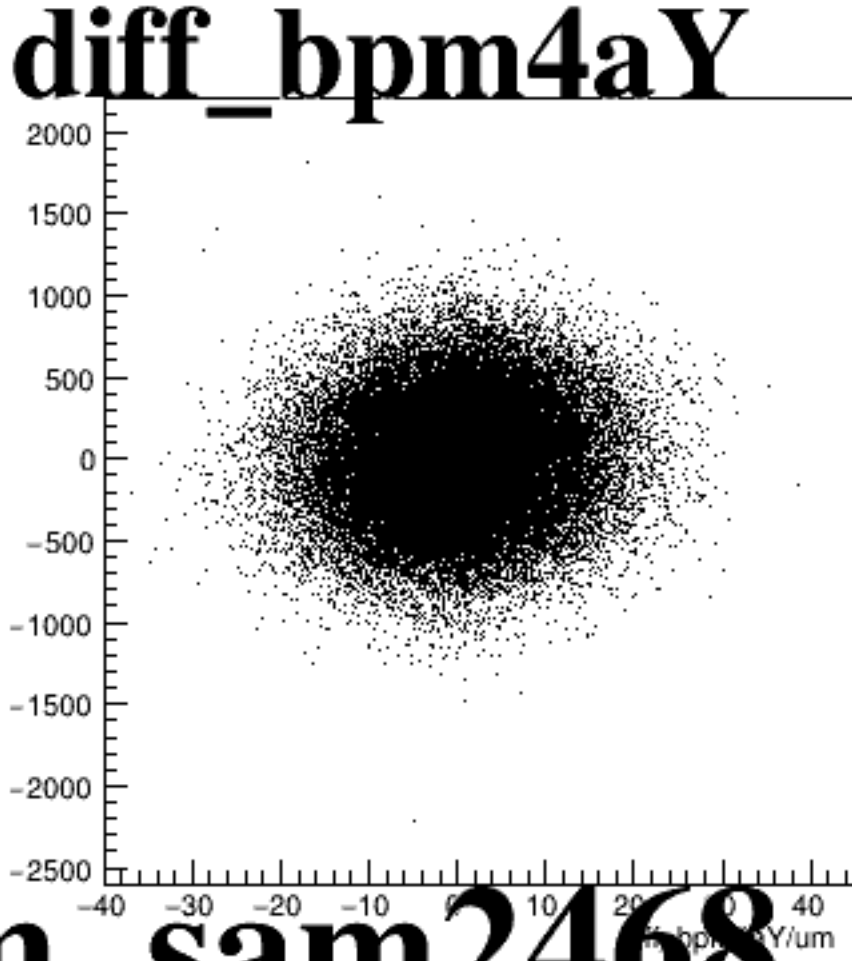
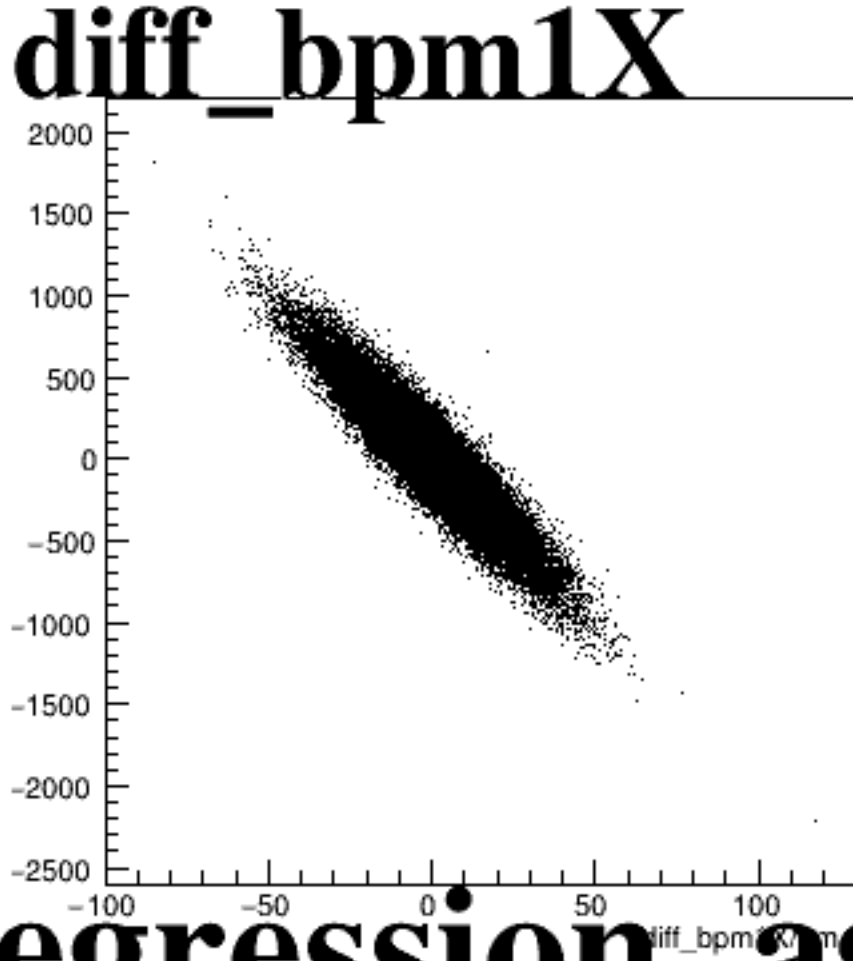
asym_sam4



asym_sam6



asym_sam8

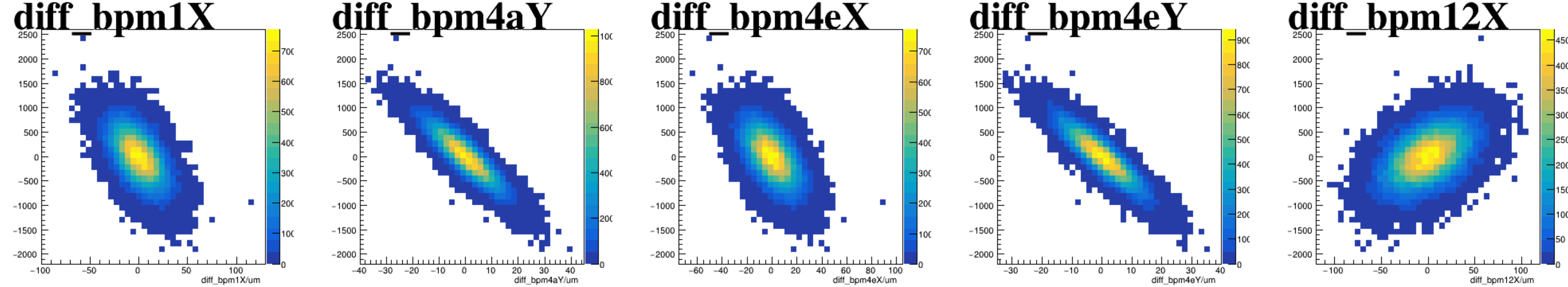


The figure displays five scatter plots, each representing the difference in beam position monitors (diff_bpm) for a specific beam parameter. The plots are arranged horizontally and labeled as follows:

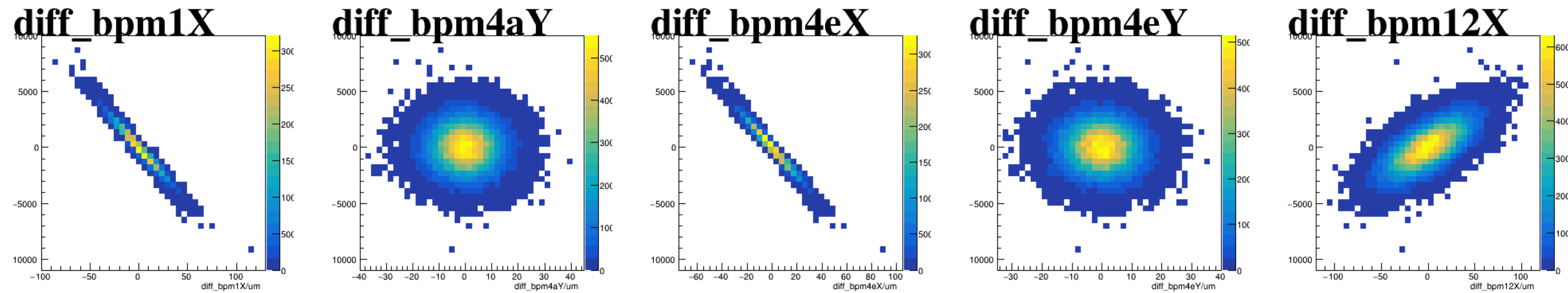
- diff_bpm1X**: The x-axis is labeled `diff_bpm1X/um` and ranges from -100 to 100. The y-axis ranges from -1000 to 3000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -40 to 40. The y-axis ranges from -1000 to 3000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -60 to 100. The y-axis ranges from -1000 to 3000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -30 to 40. The y-axis ranges from -1000 to 3000.
- diff_bpm12X**: The x-axis is labeled `diff_bpm12X/um` and ranges from -100 to 100. The y-axis ranges from -1000 to 3000.

In all plots, the data points form a dense, roughly circular cloud centered at the origin (0,0), indicating that the difference between the two measurements is typically small and consistent across the range of values.

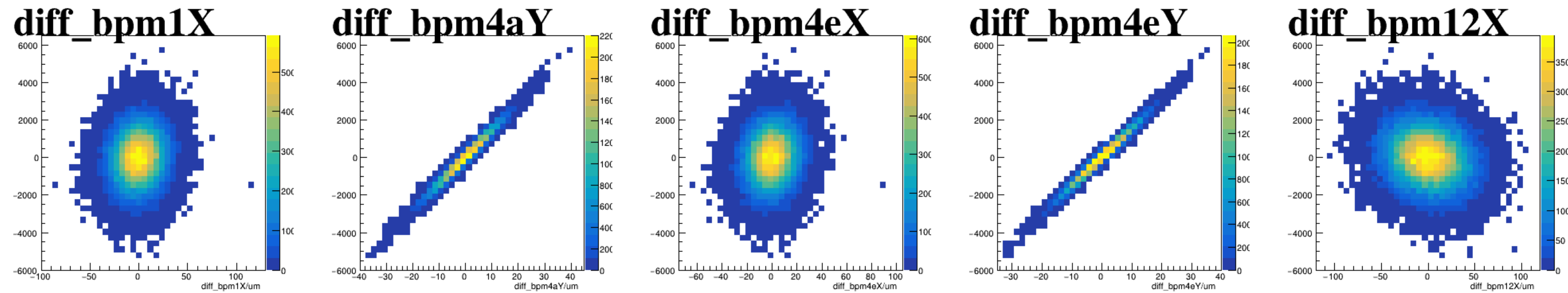
asym_sam1



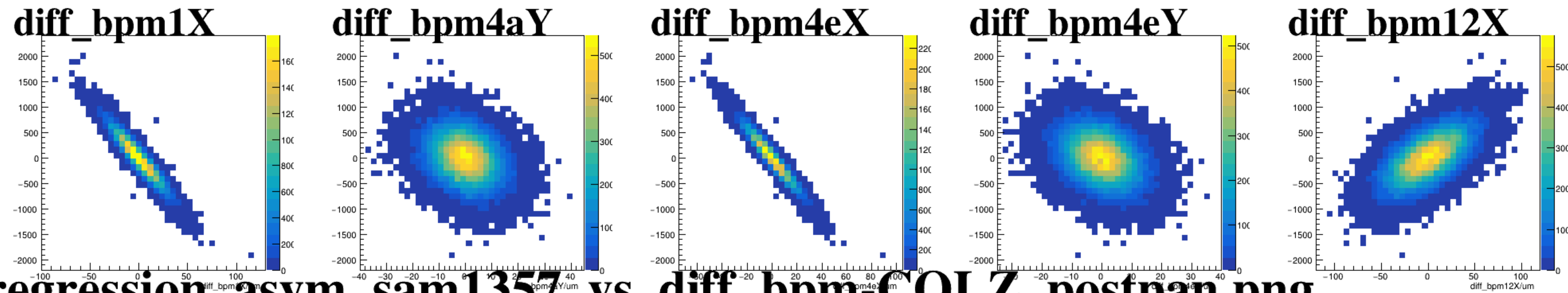
asym_sam3



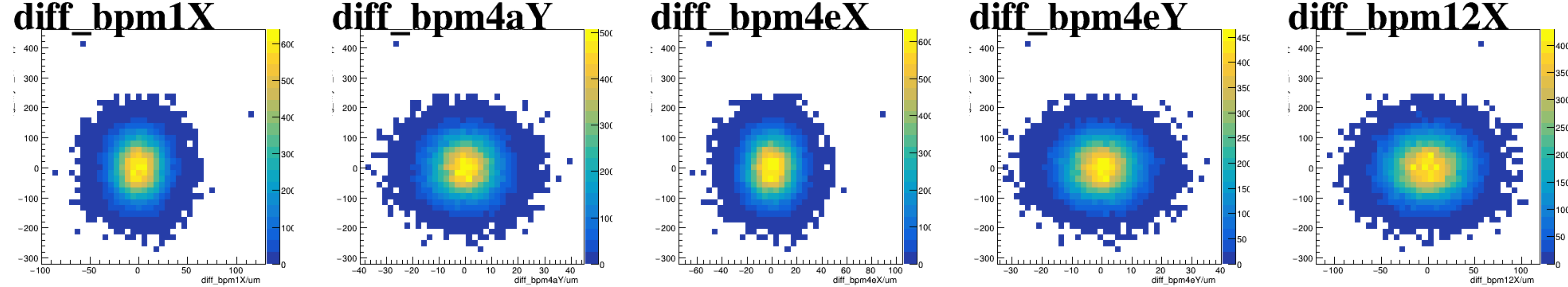
asym_sam5



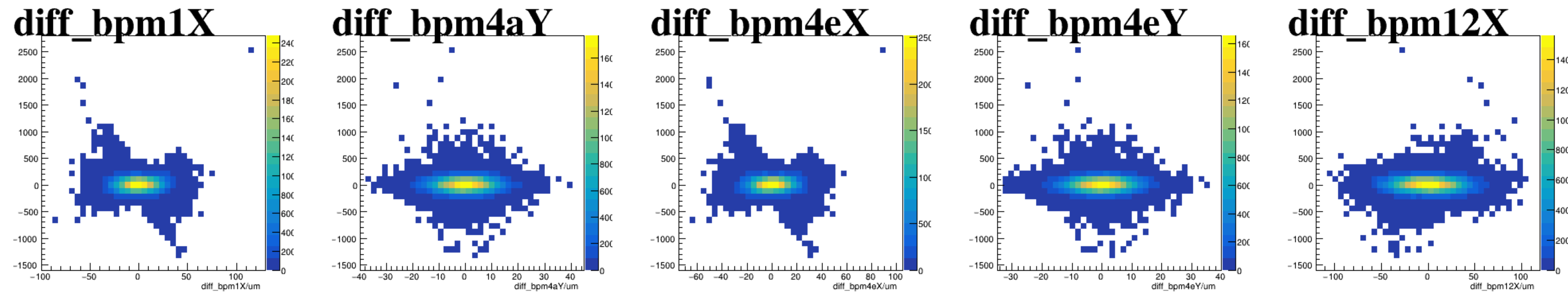
asym_sam7



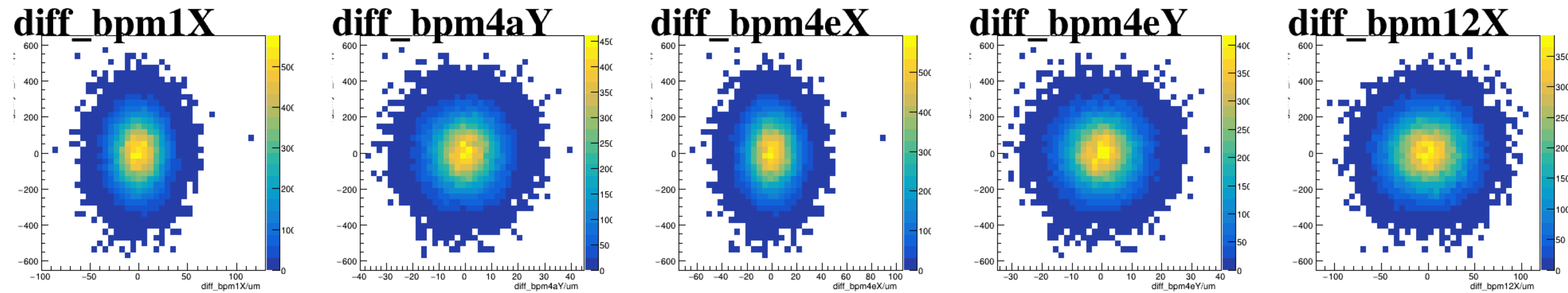
reg_asym_sam1



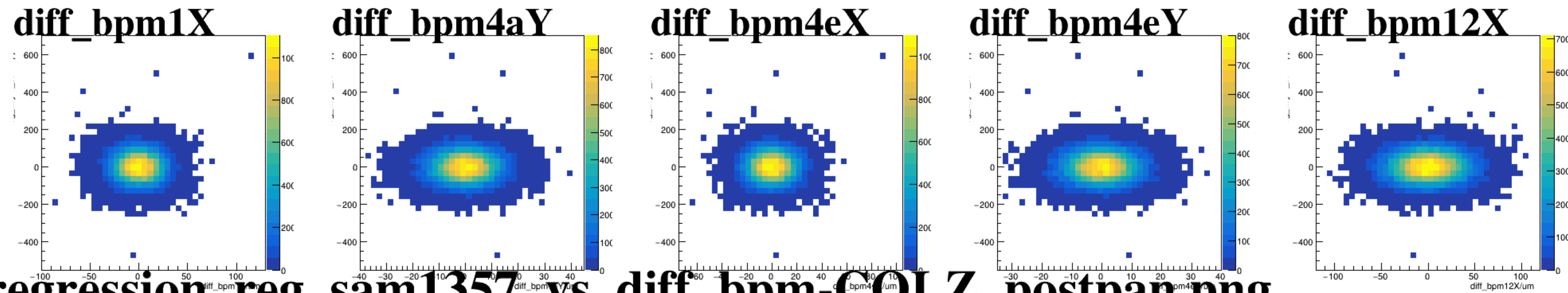
reg_asym_sam3



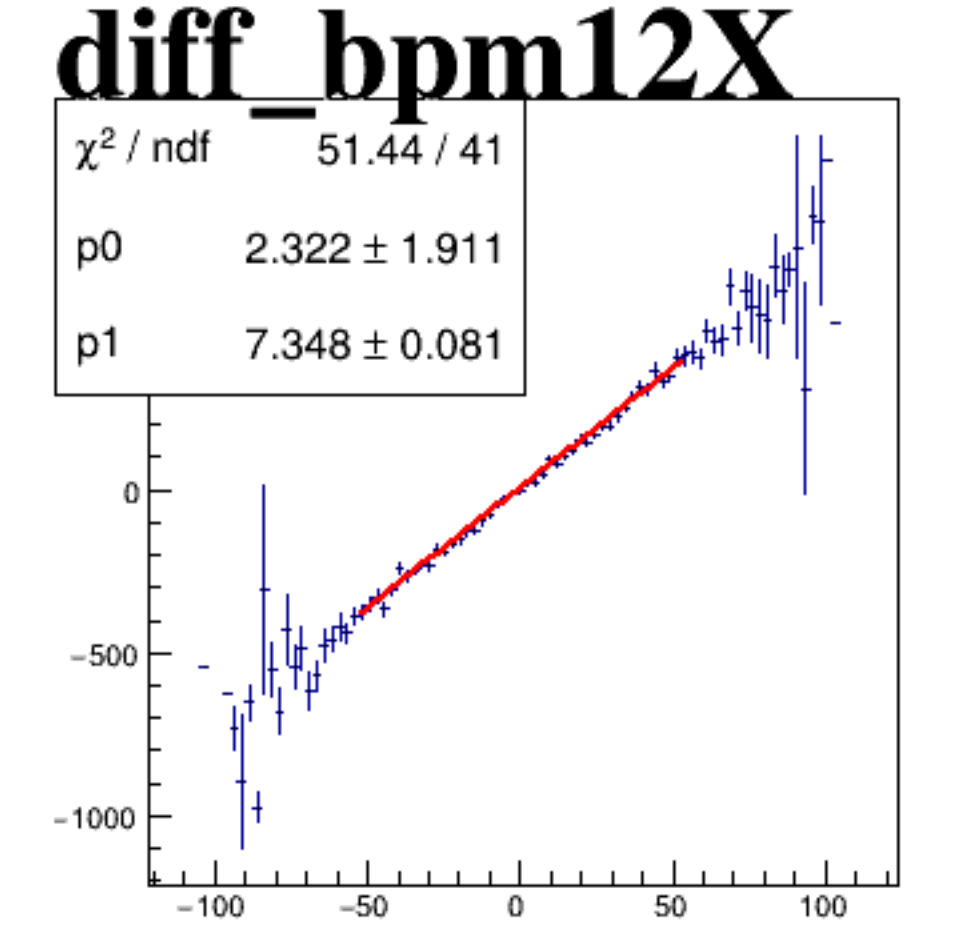
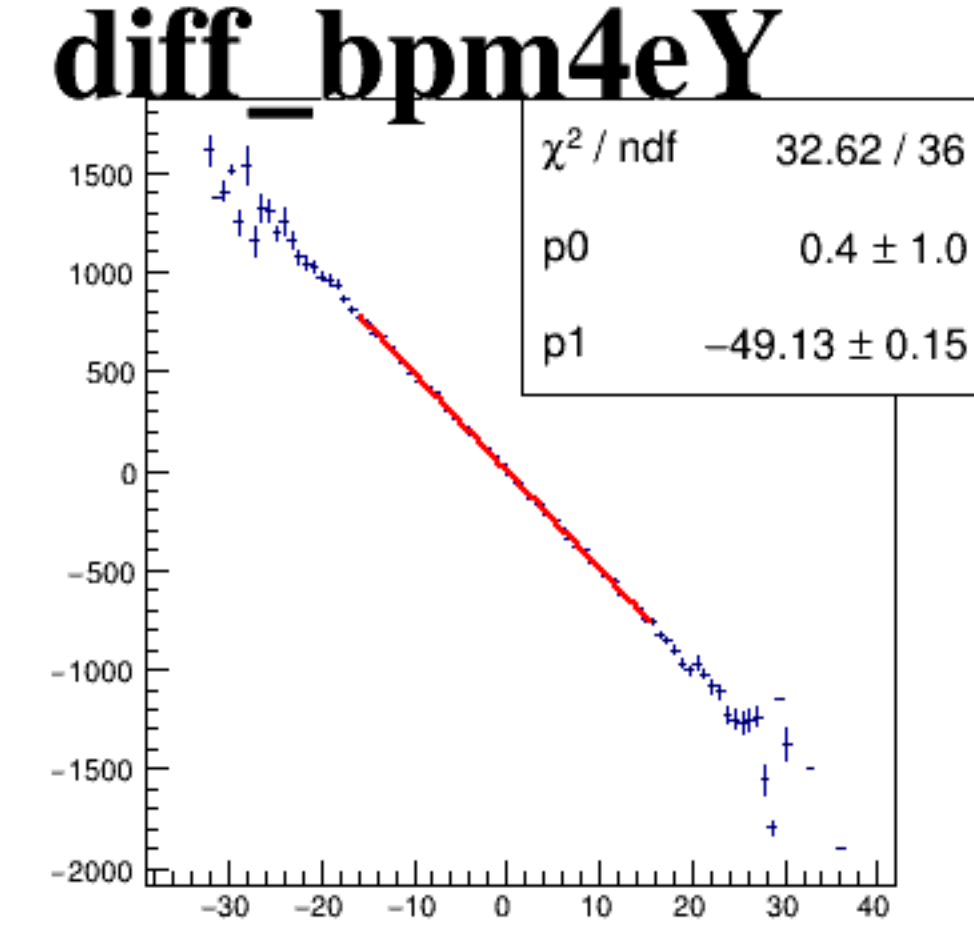
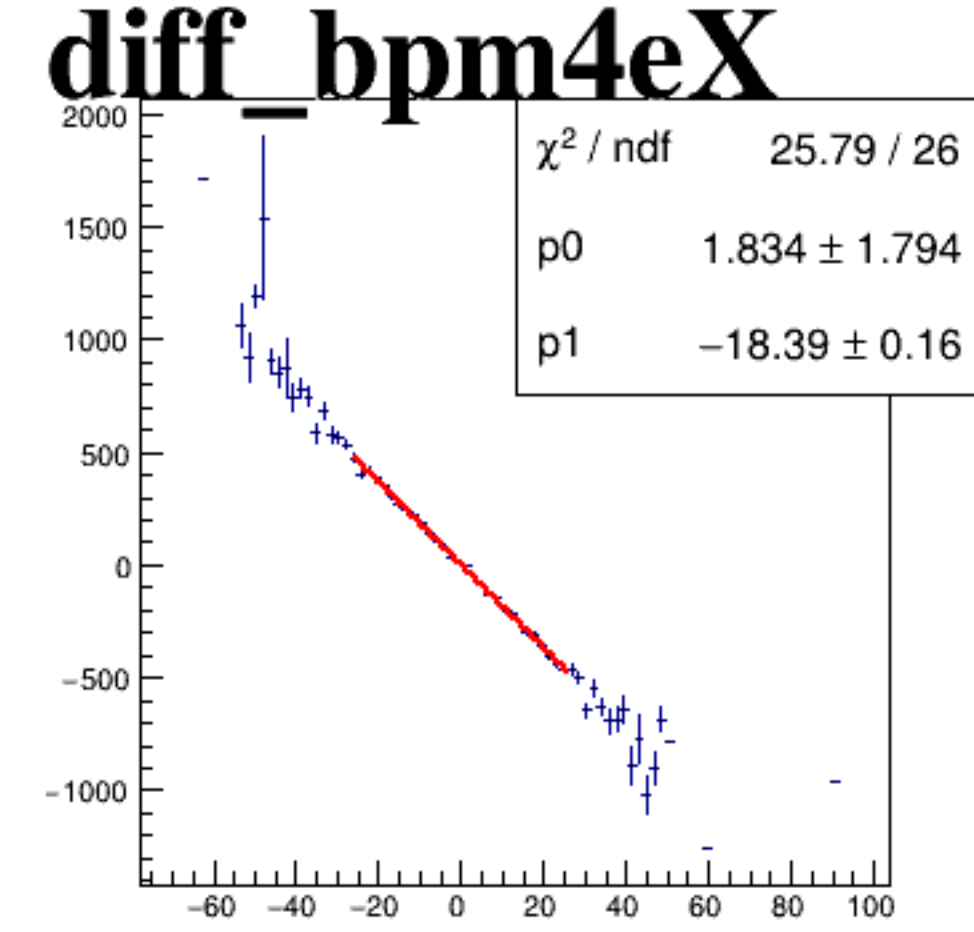
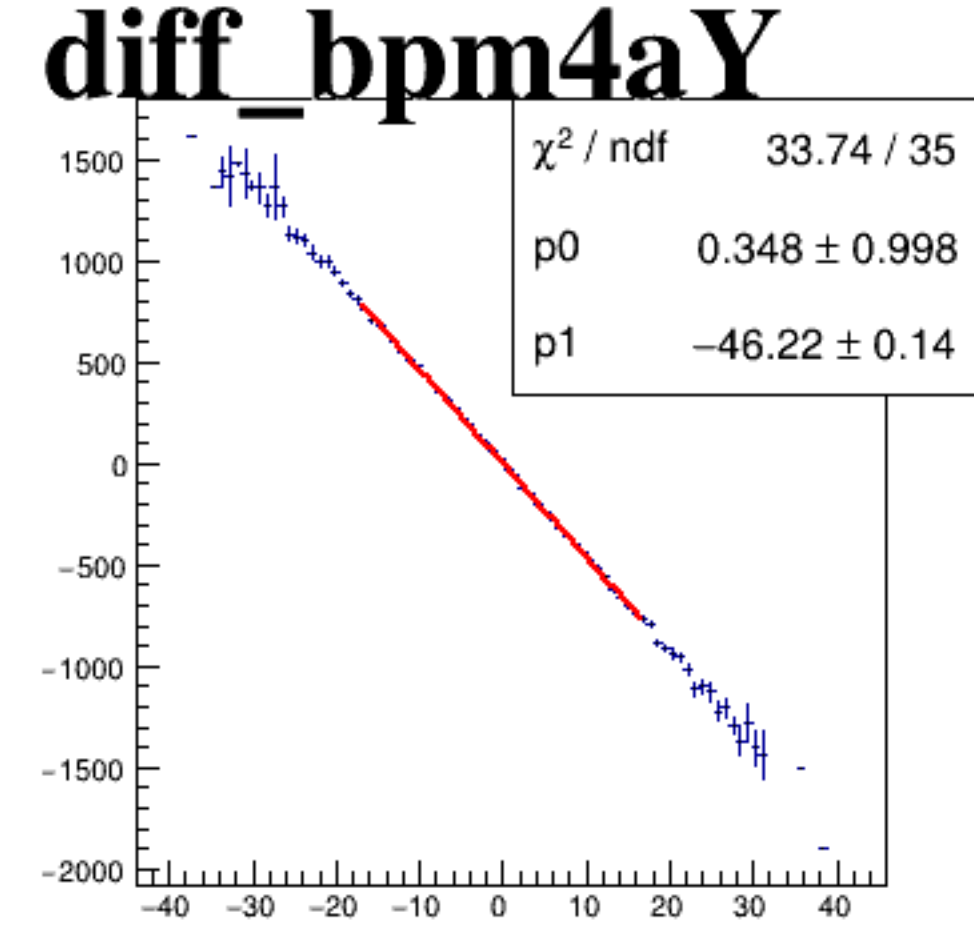
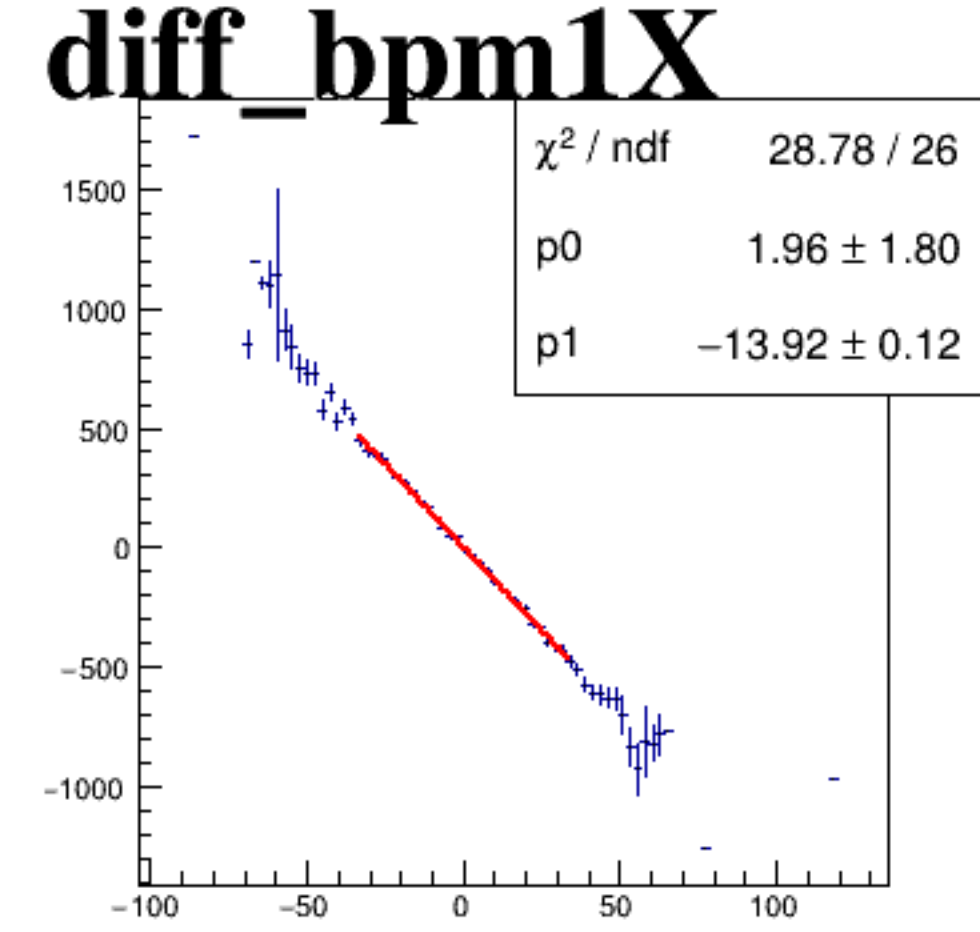
reg_asym_sam5



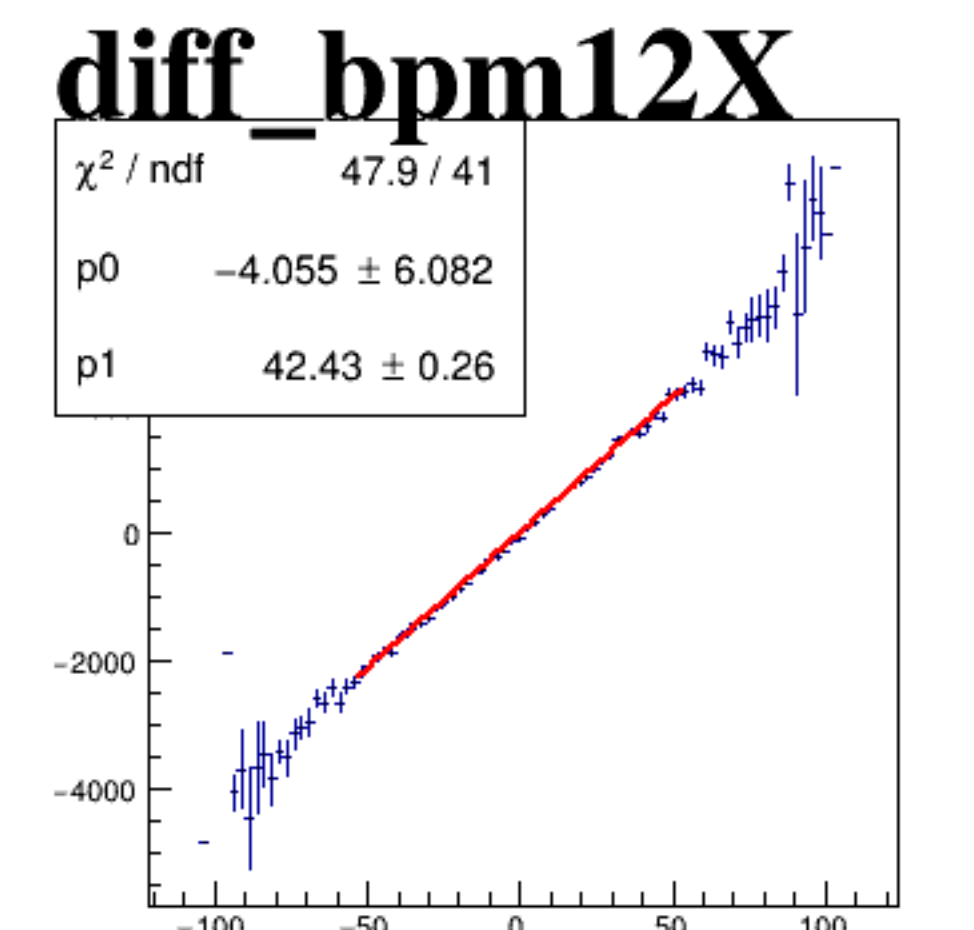
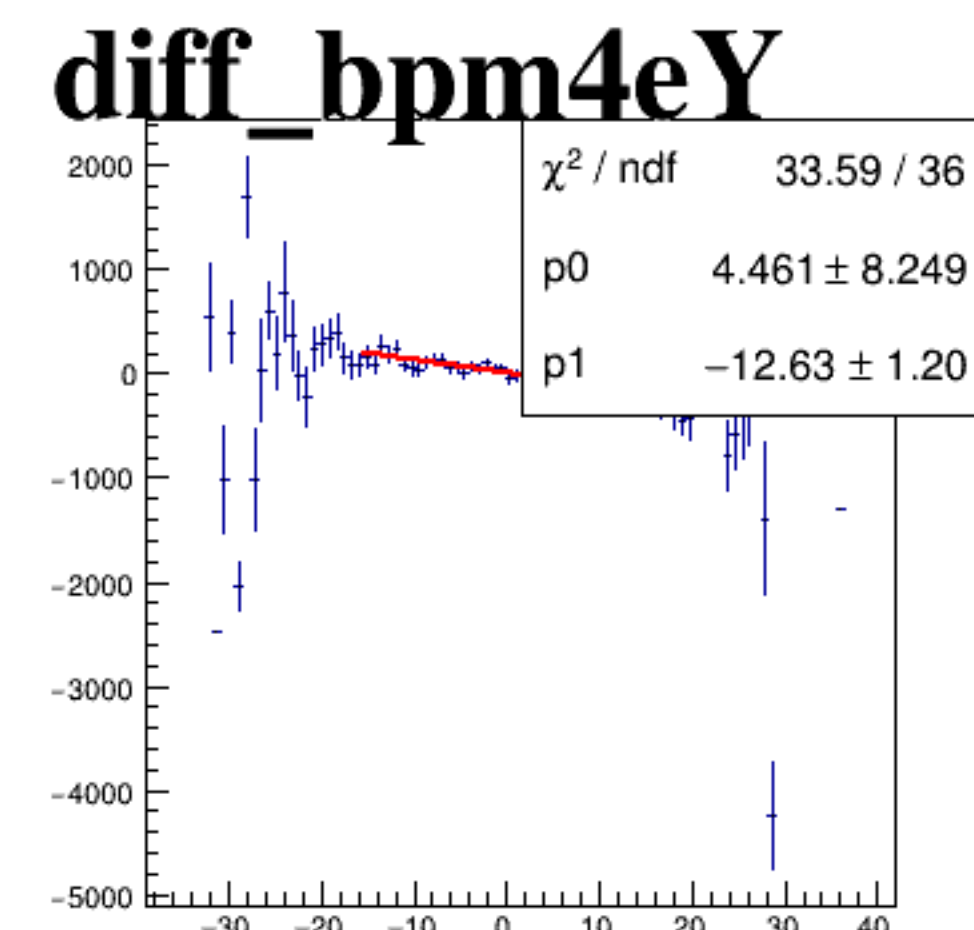
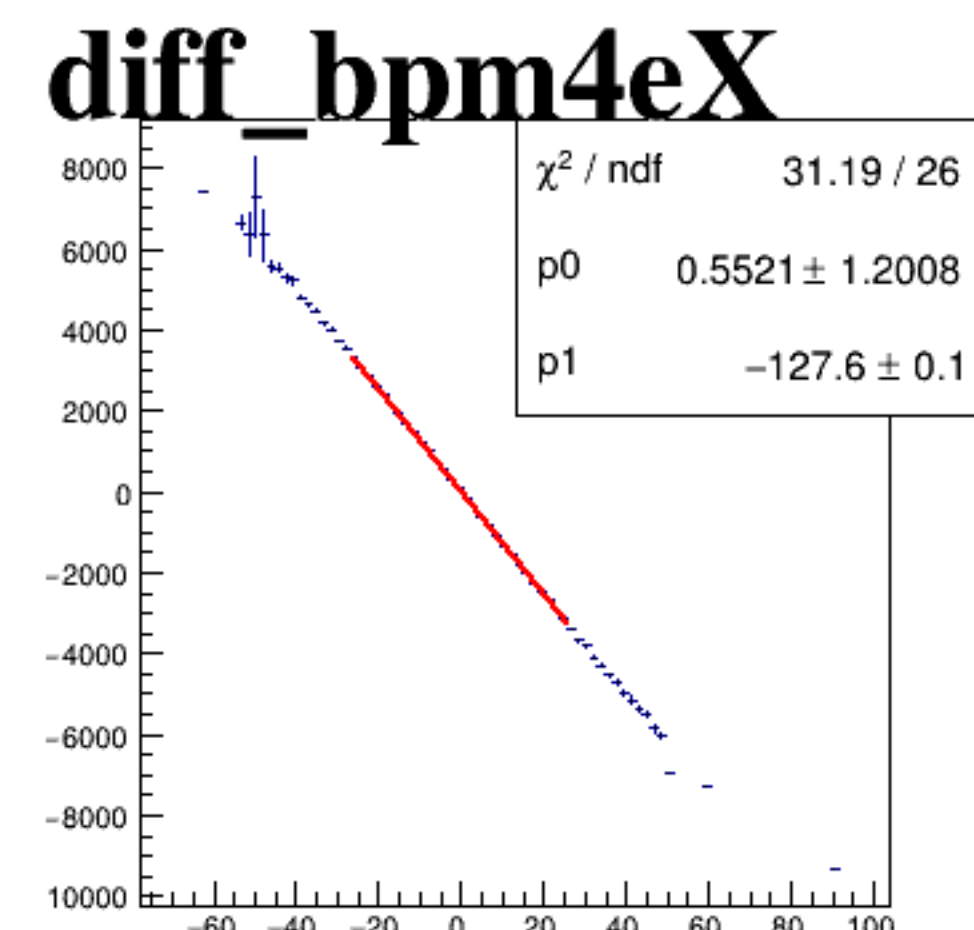
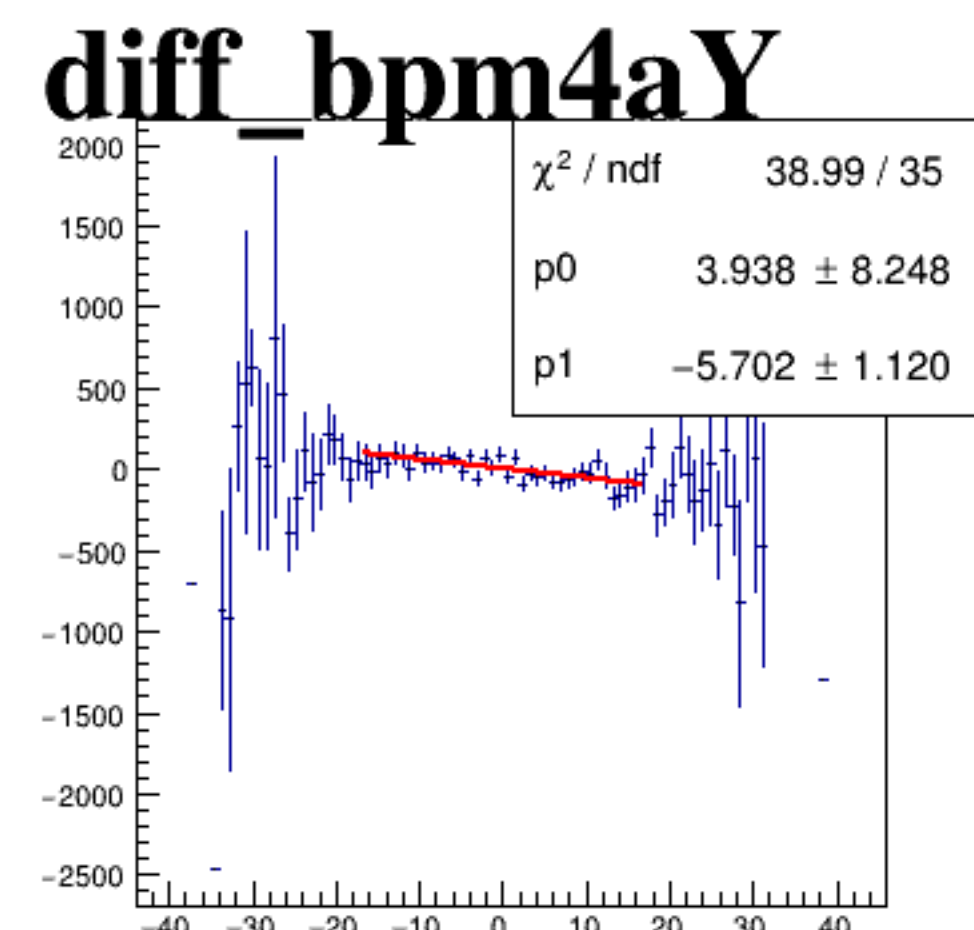
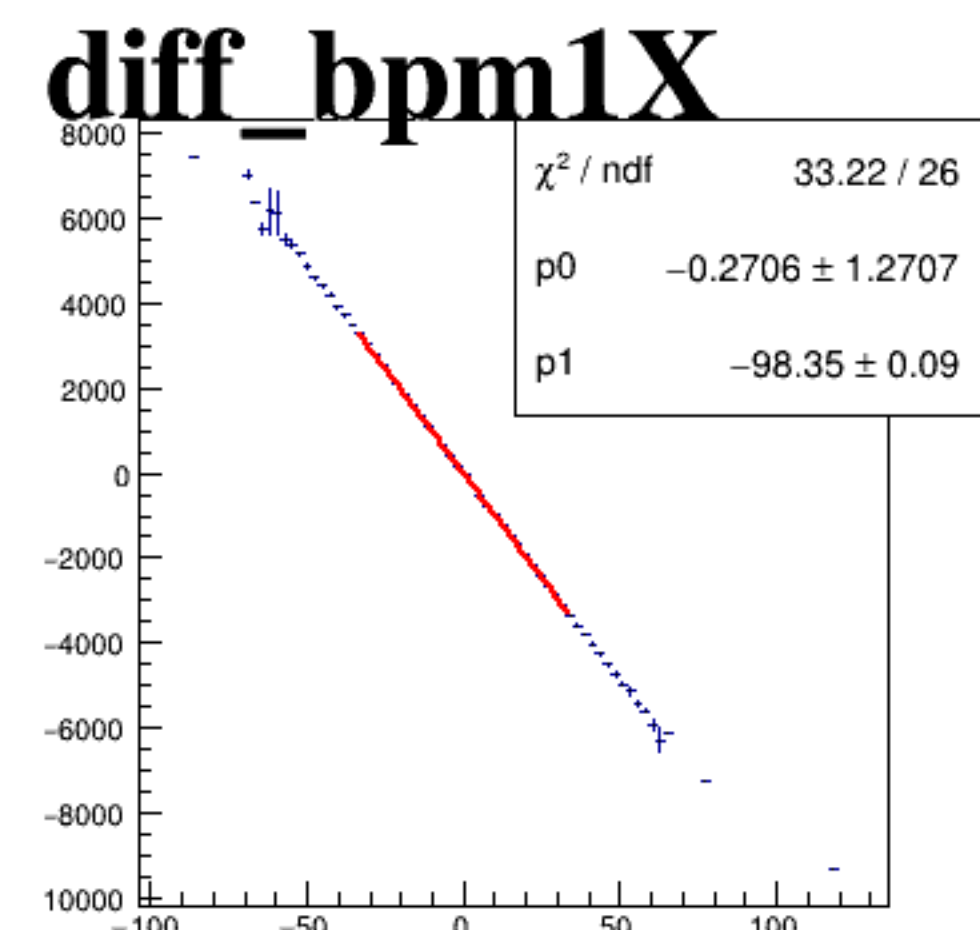
reg_asym_sam7



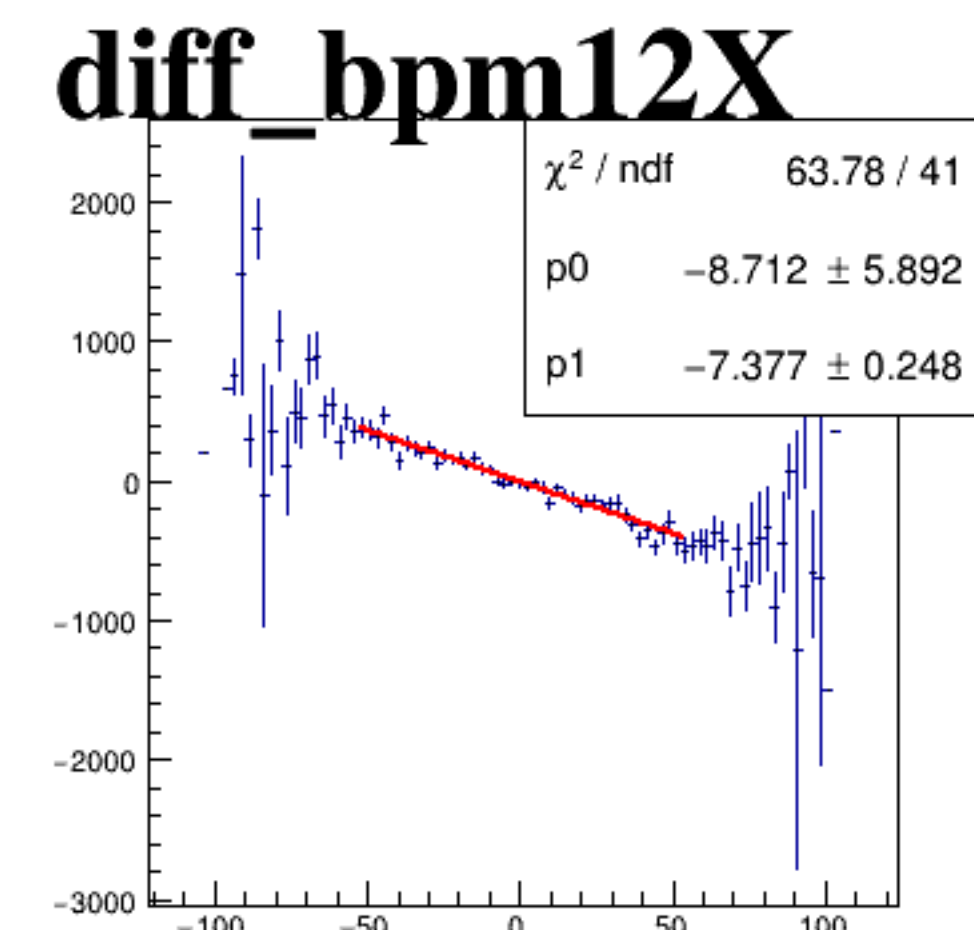
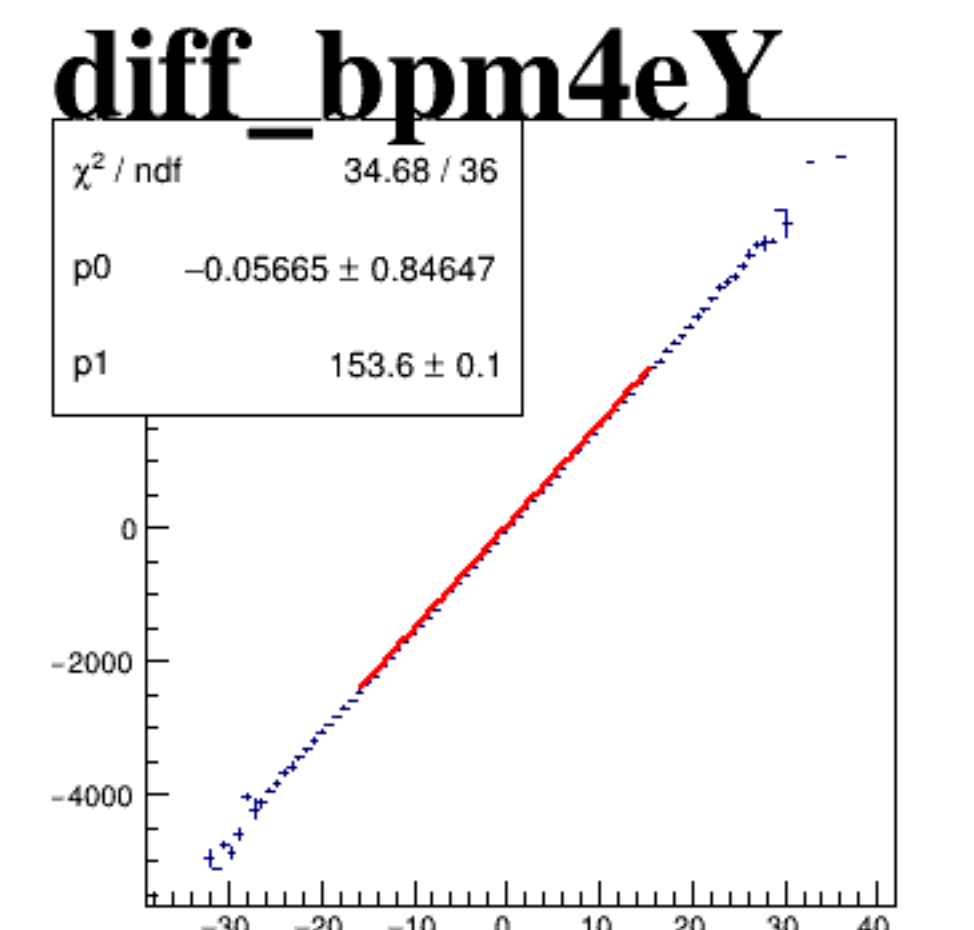
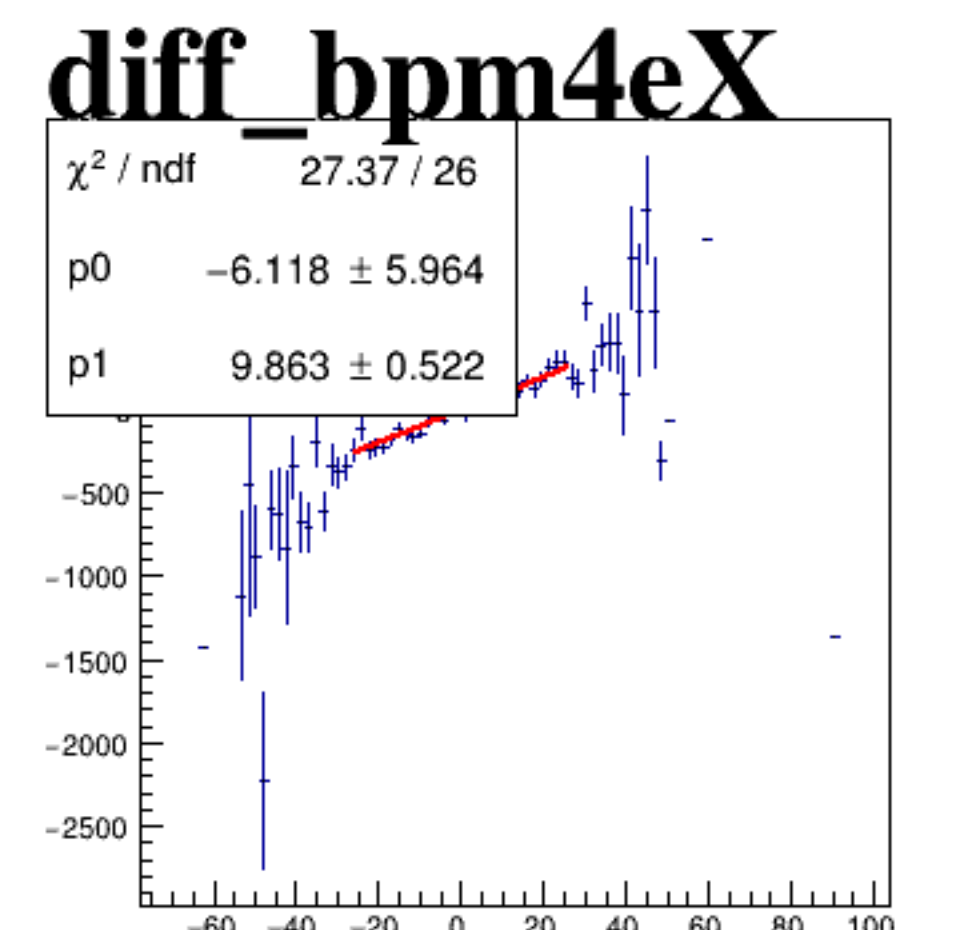
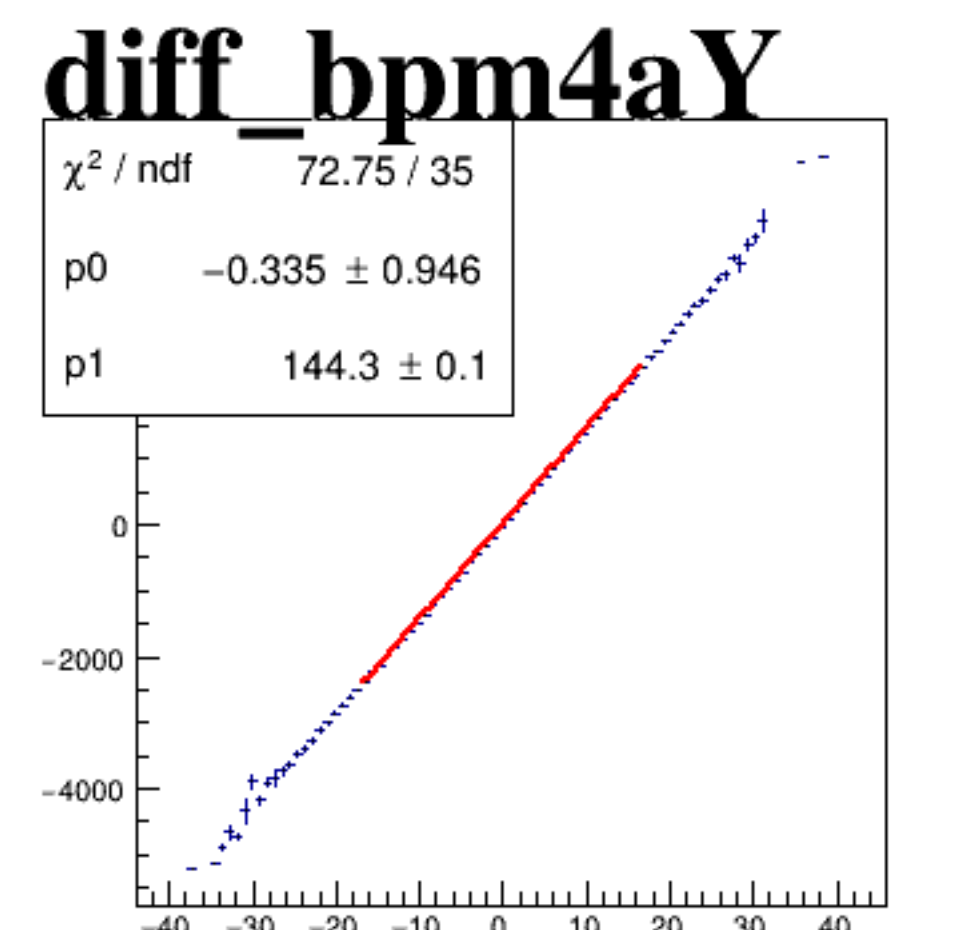
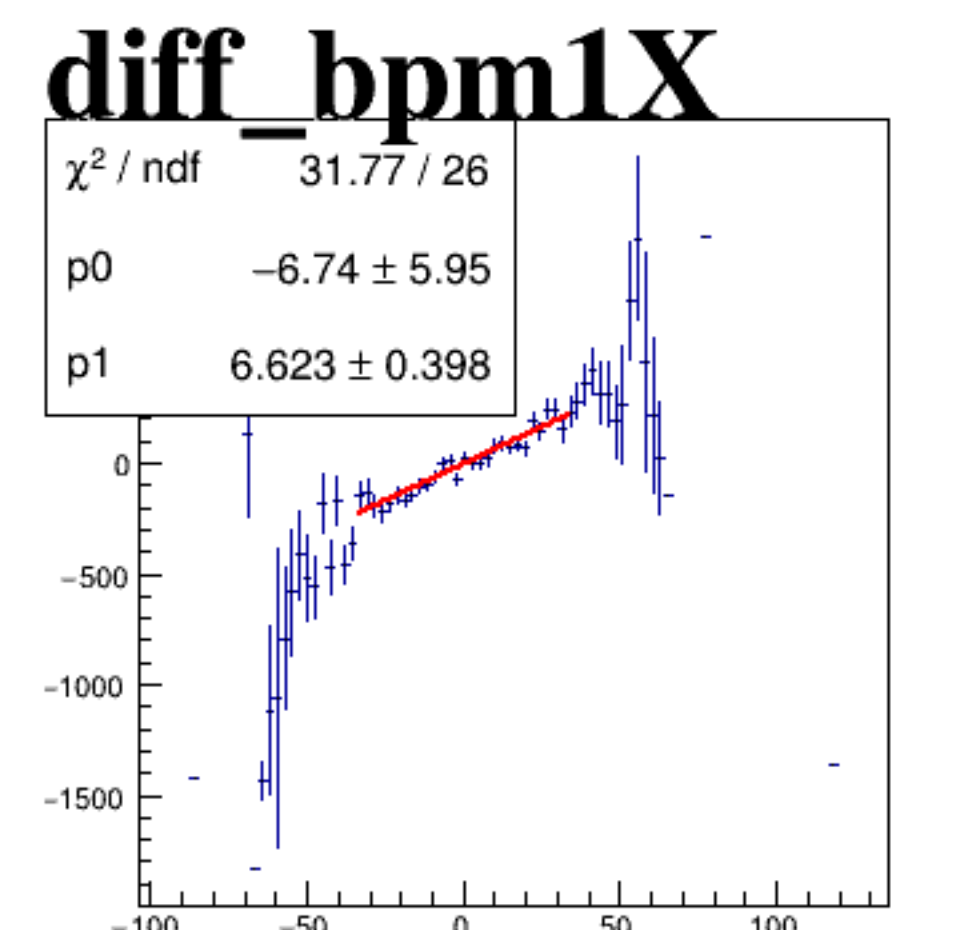
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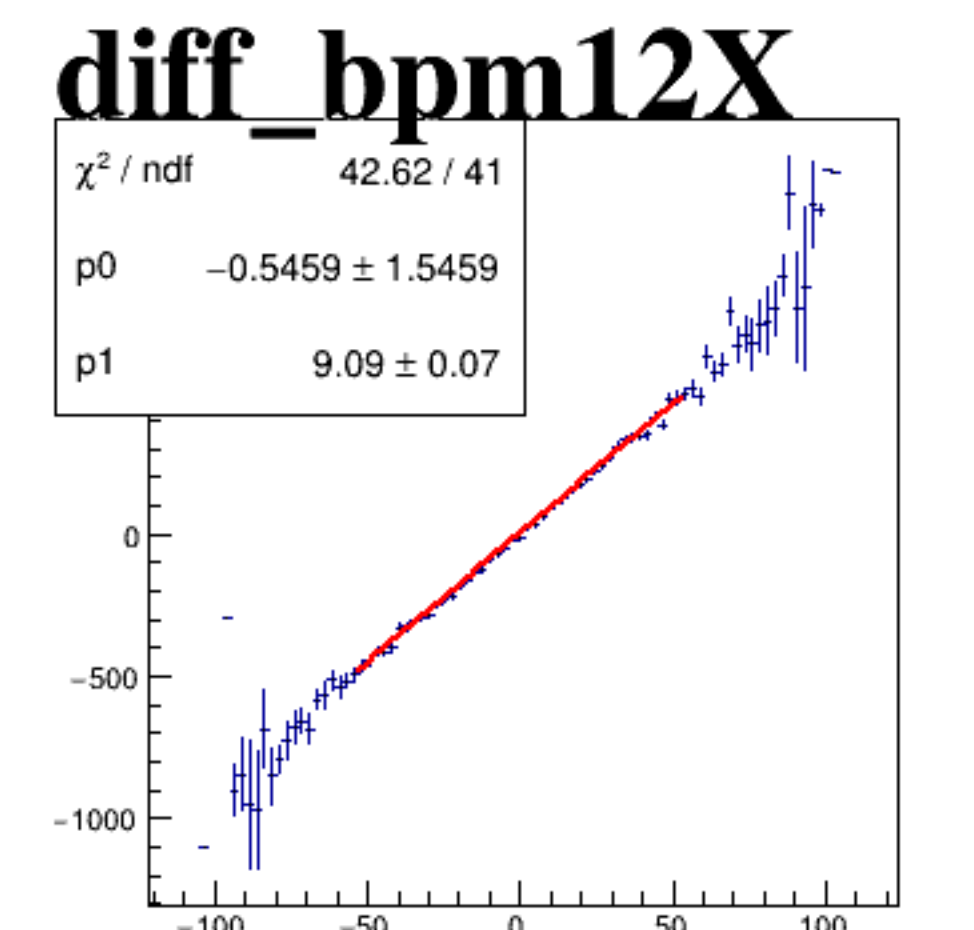
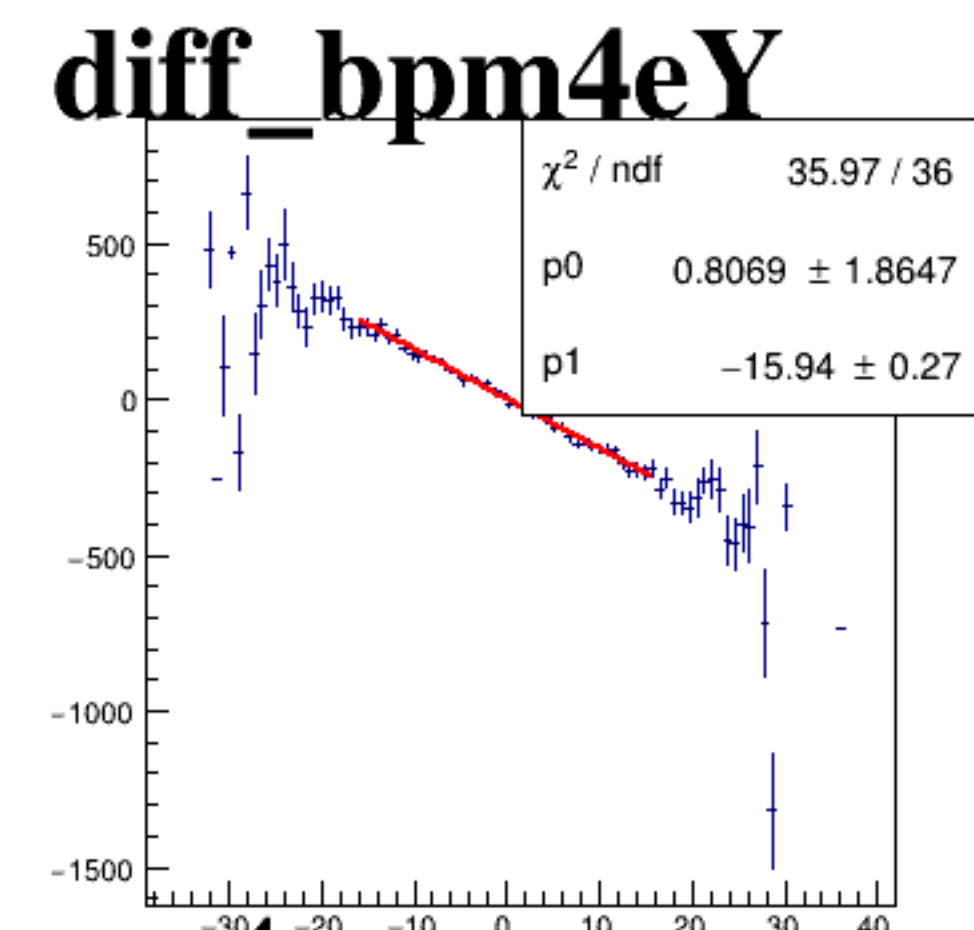
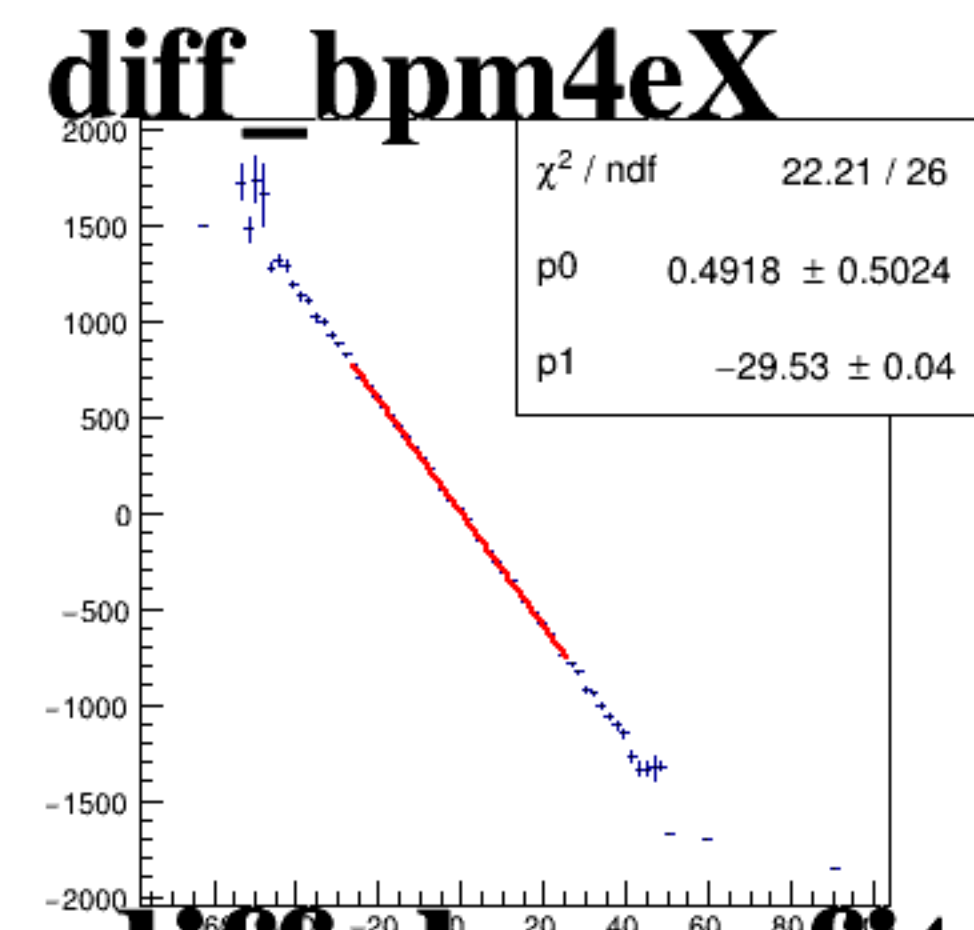
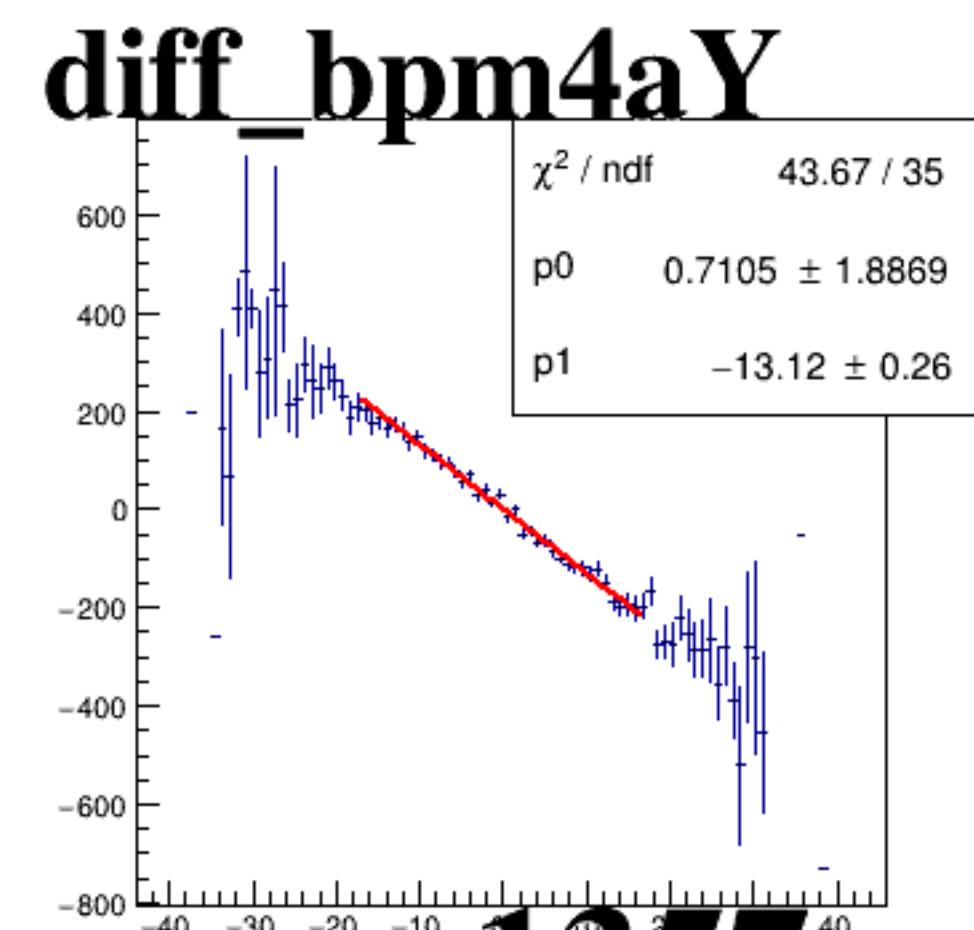
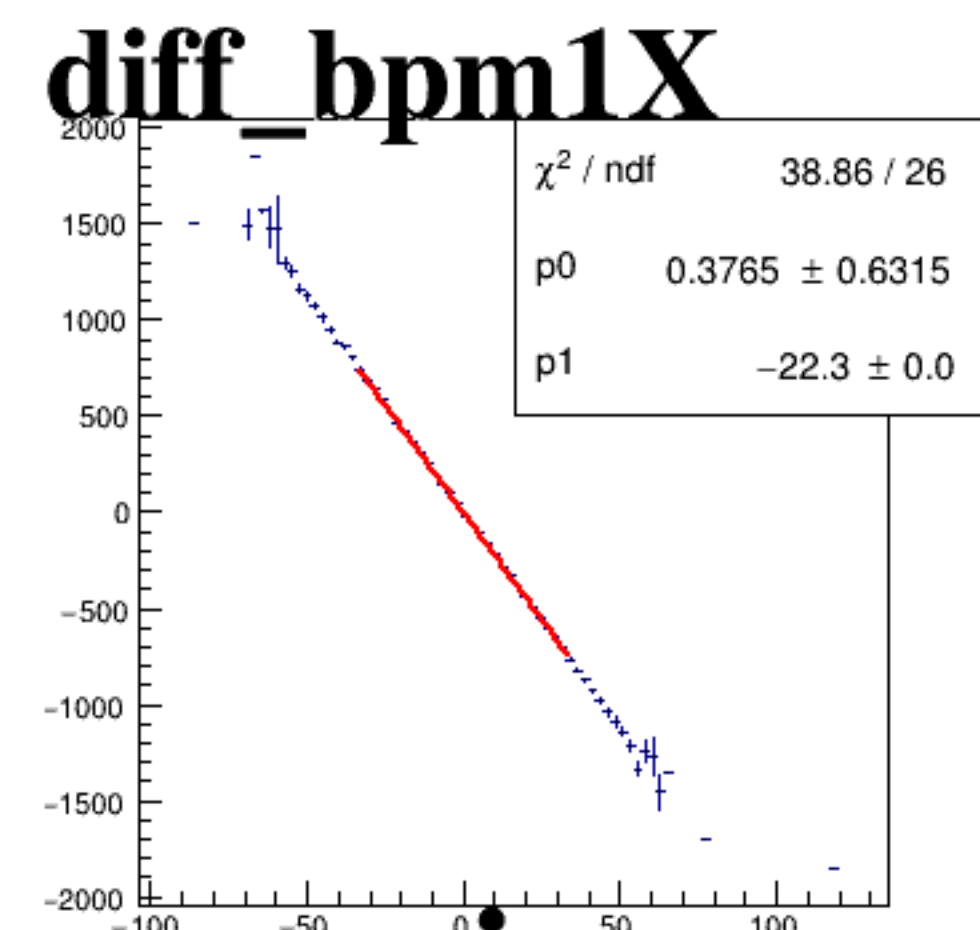
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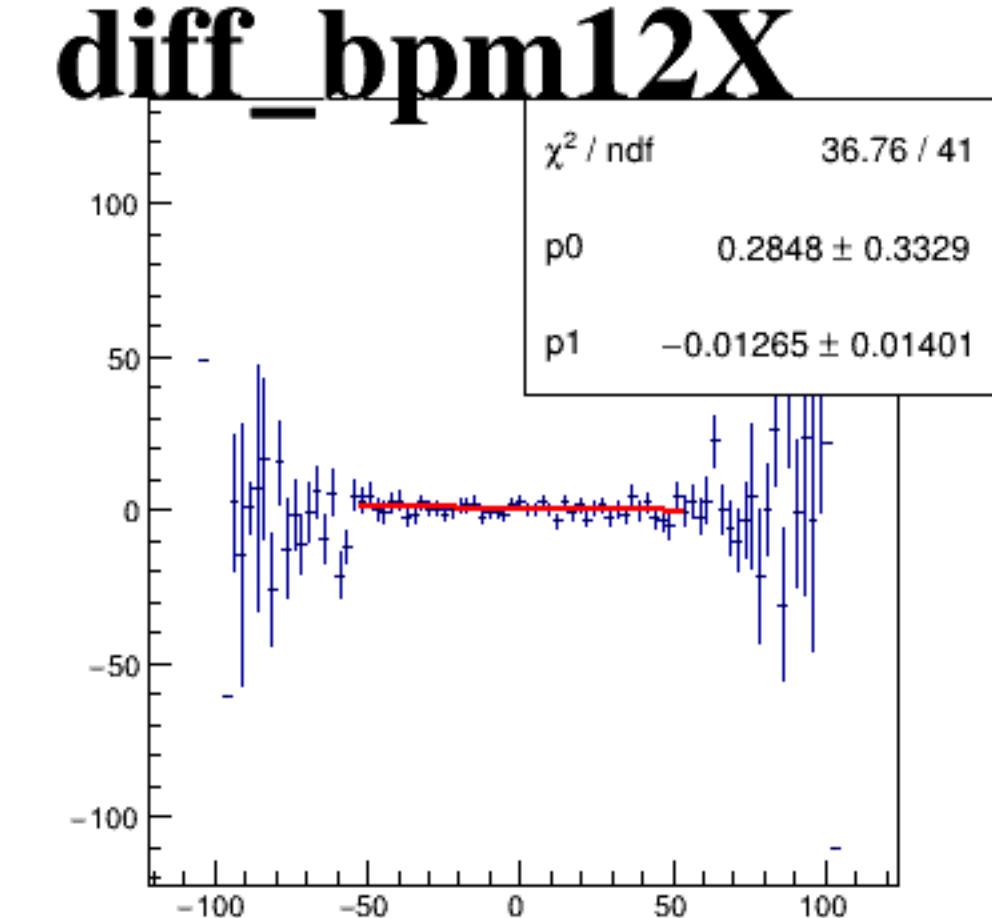
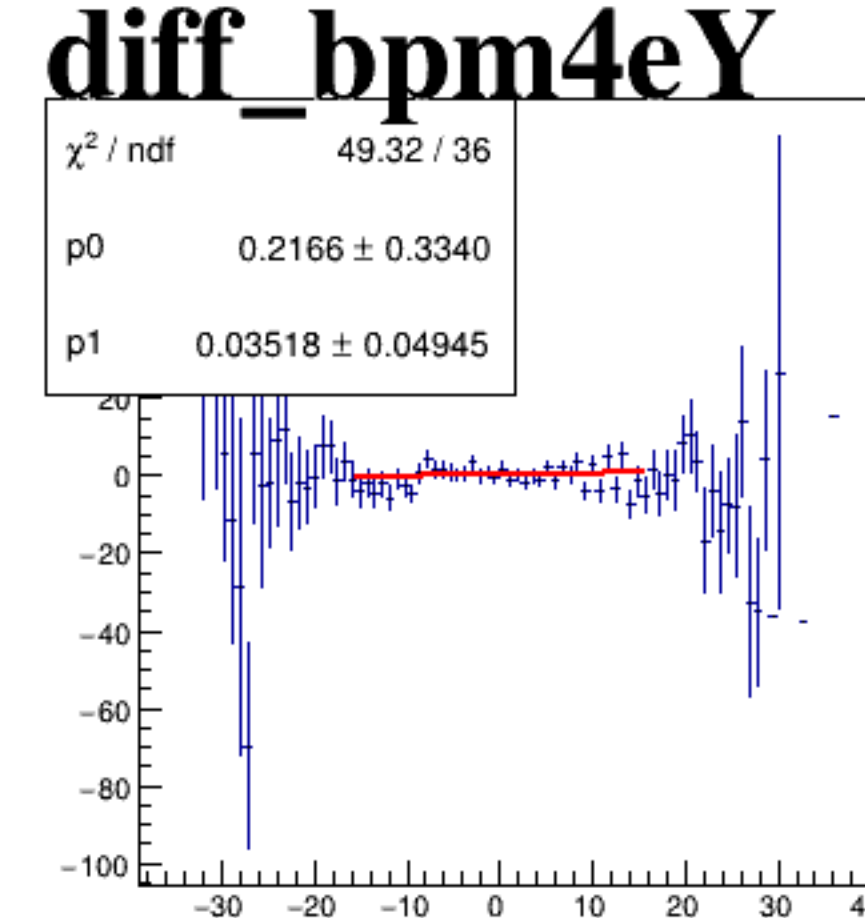
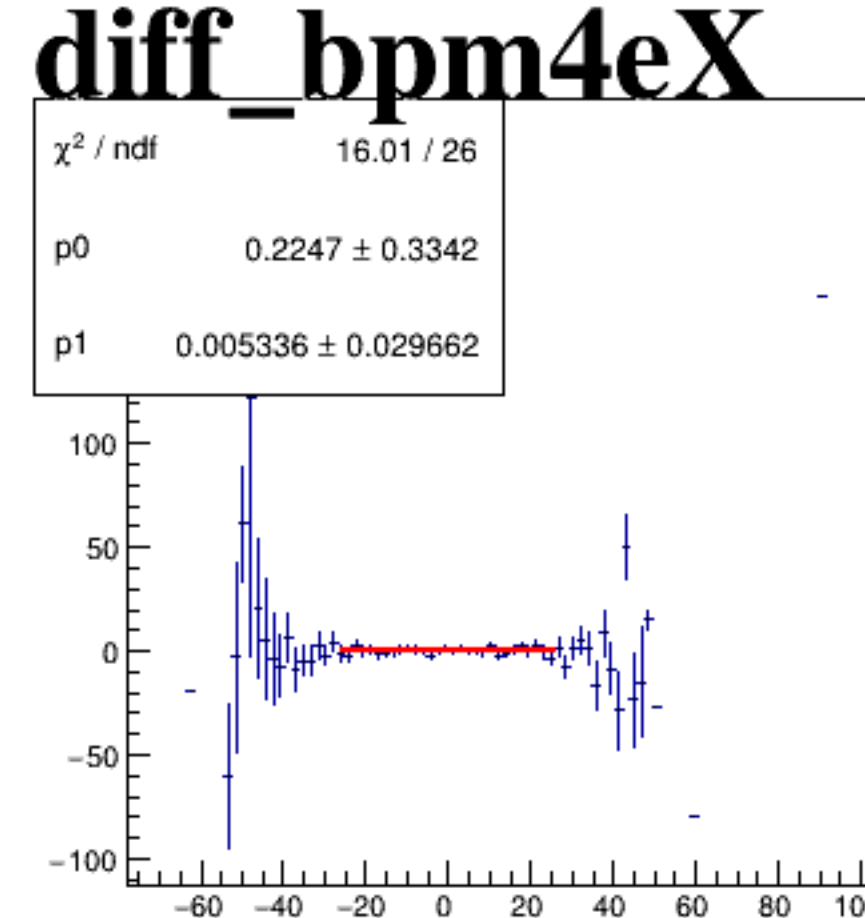
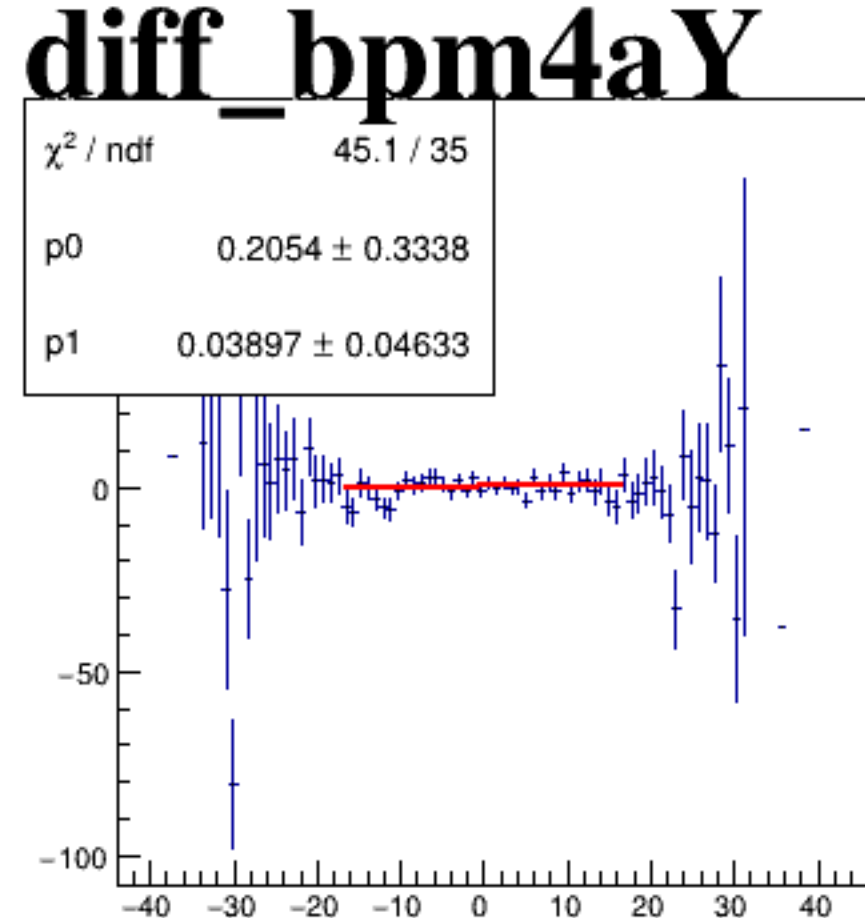
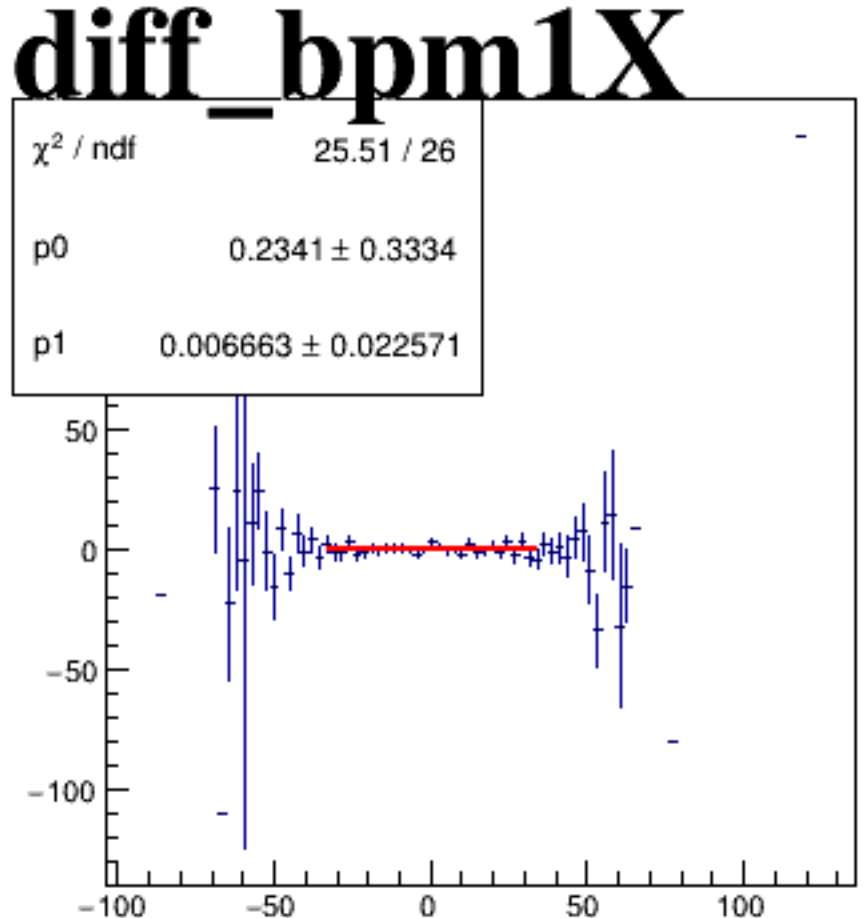
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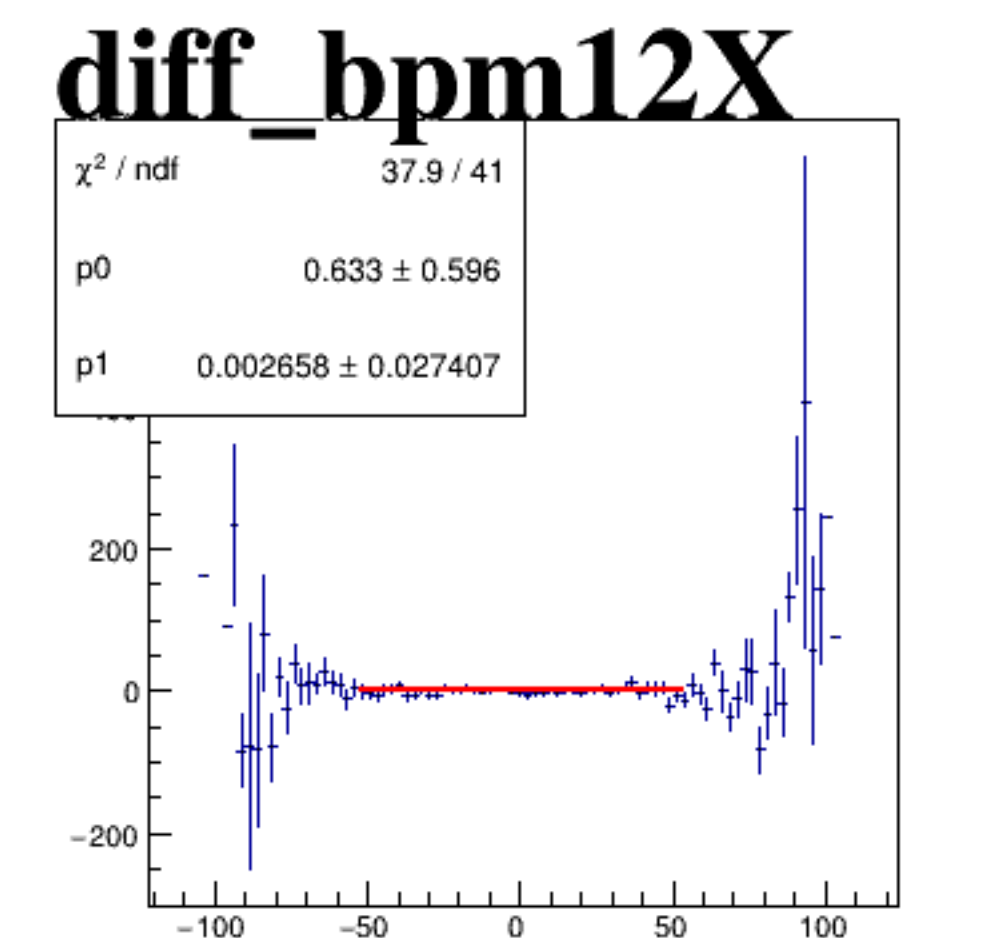
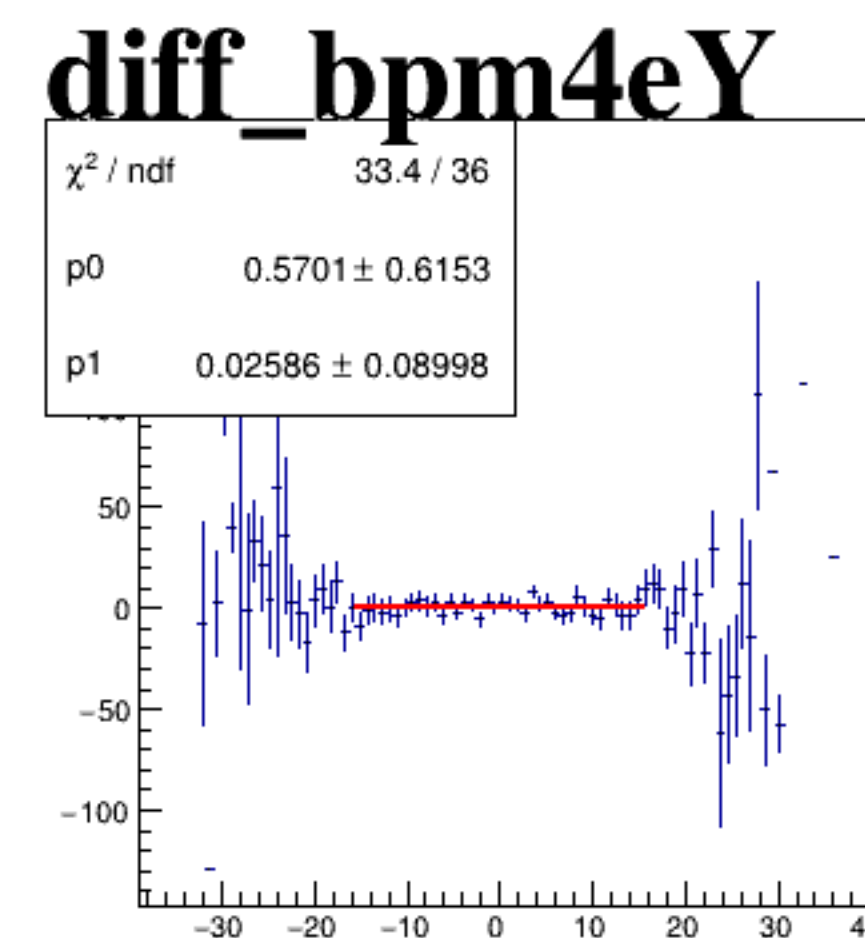
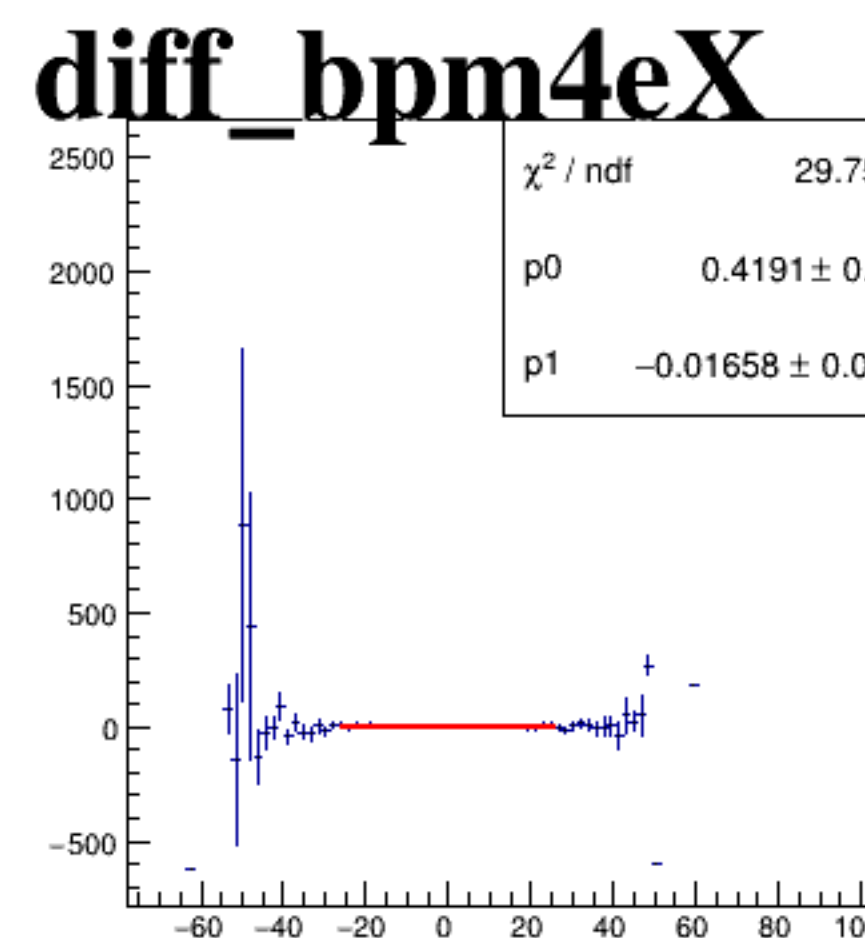
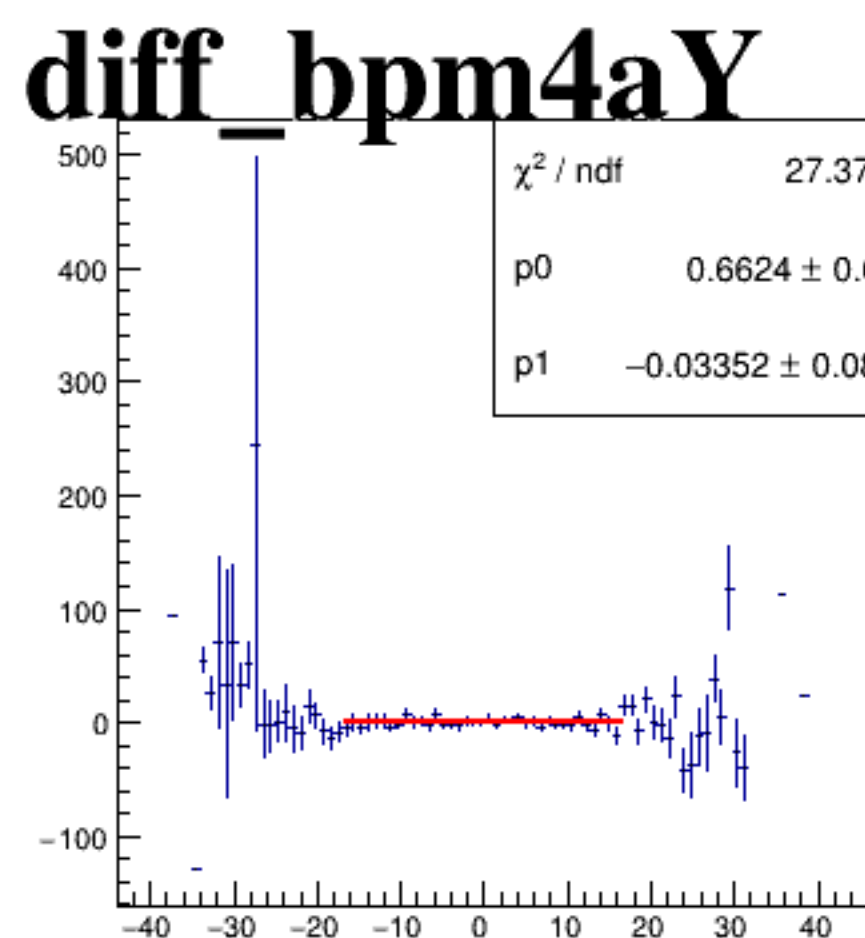
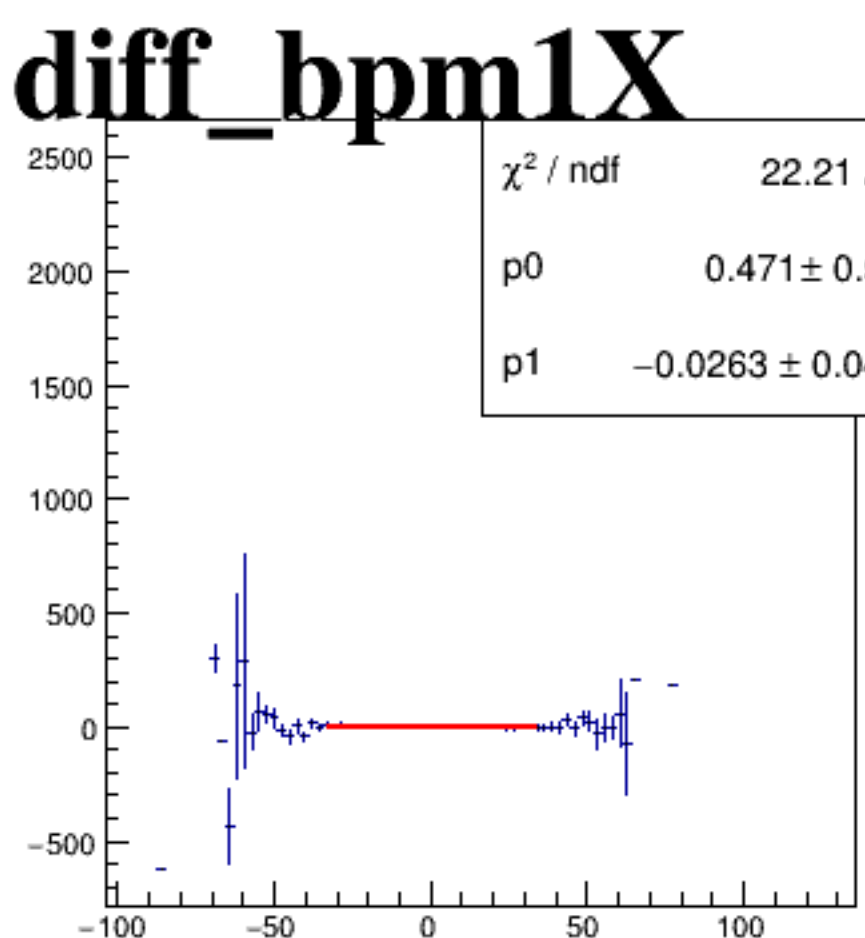
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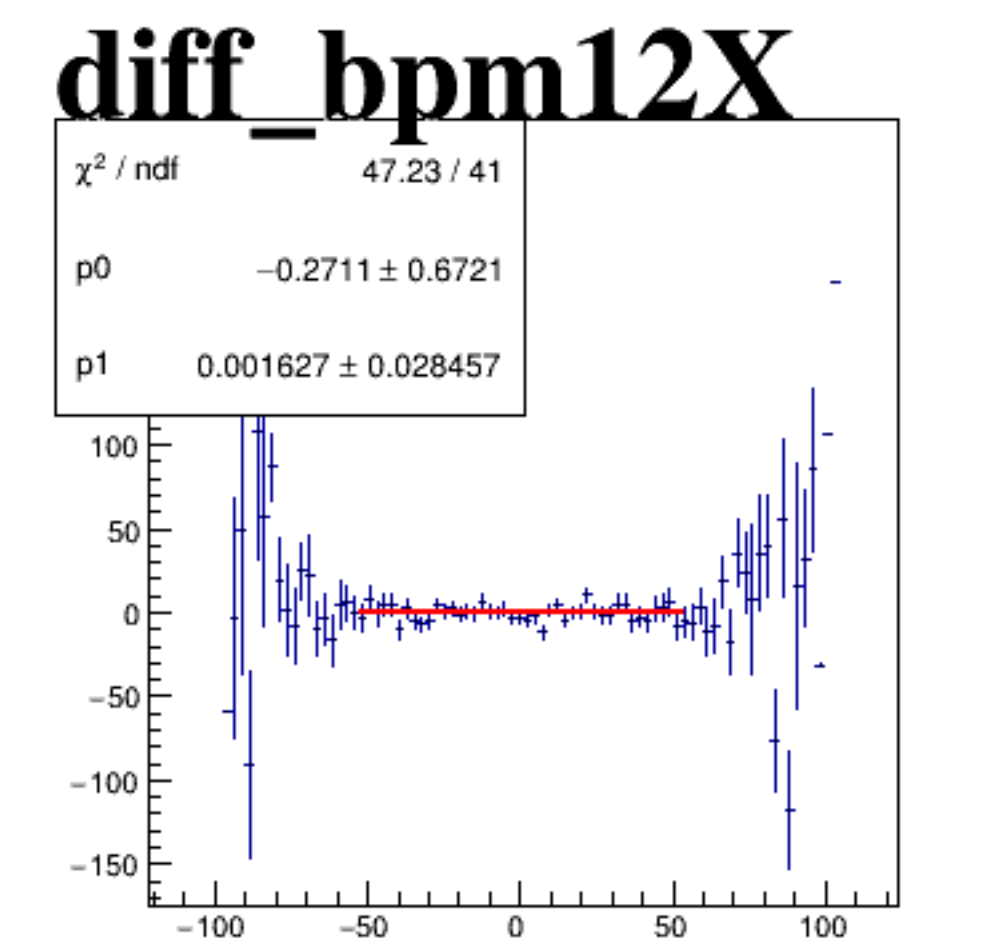
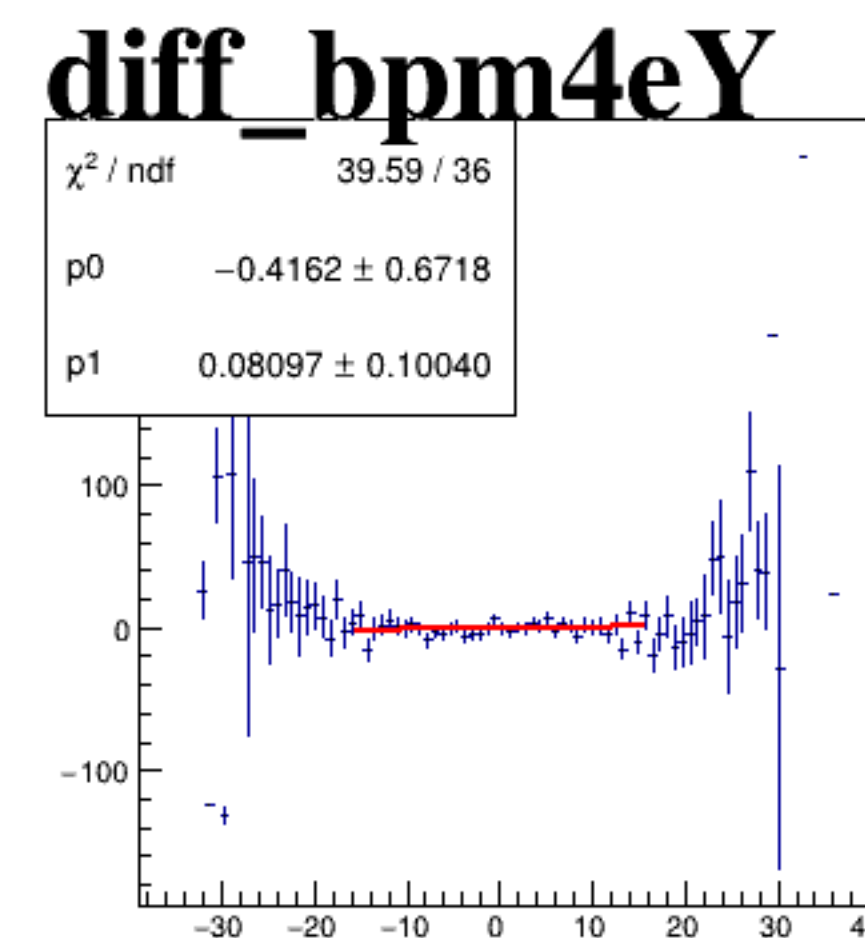
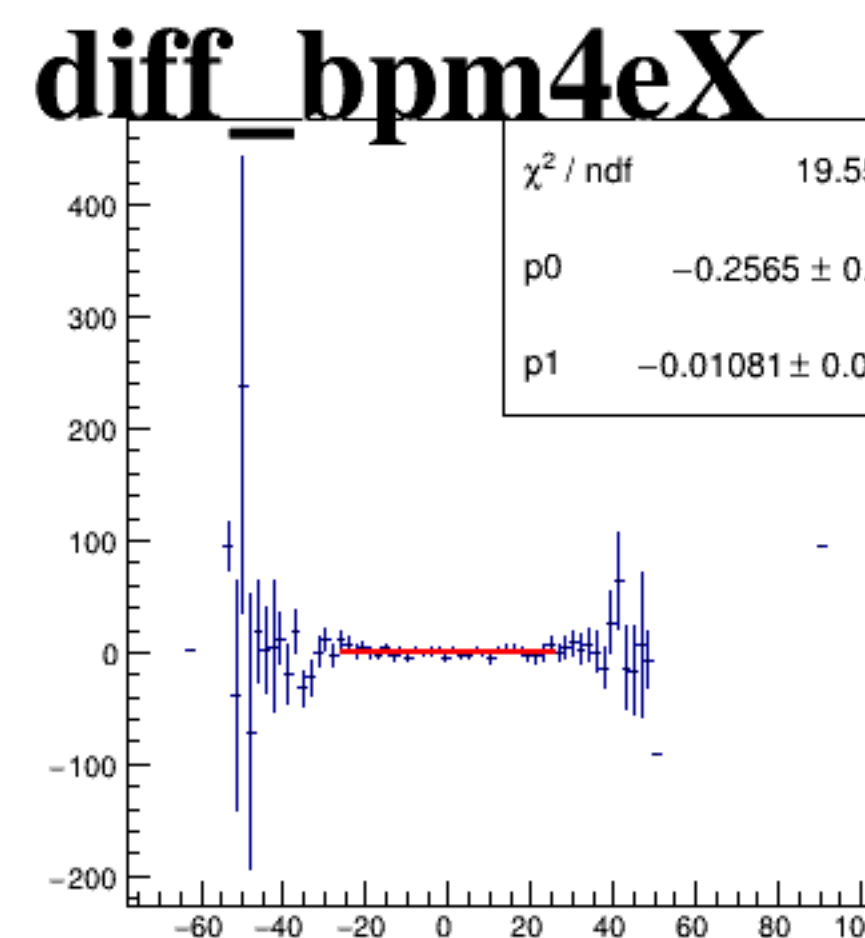
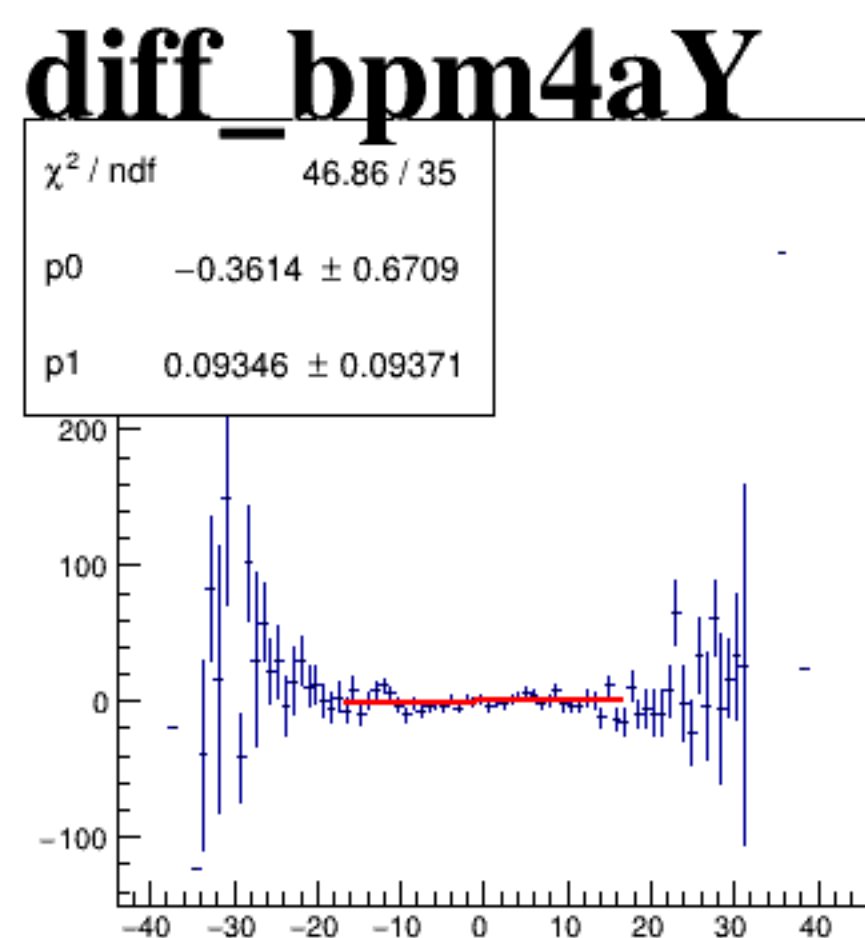
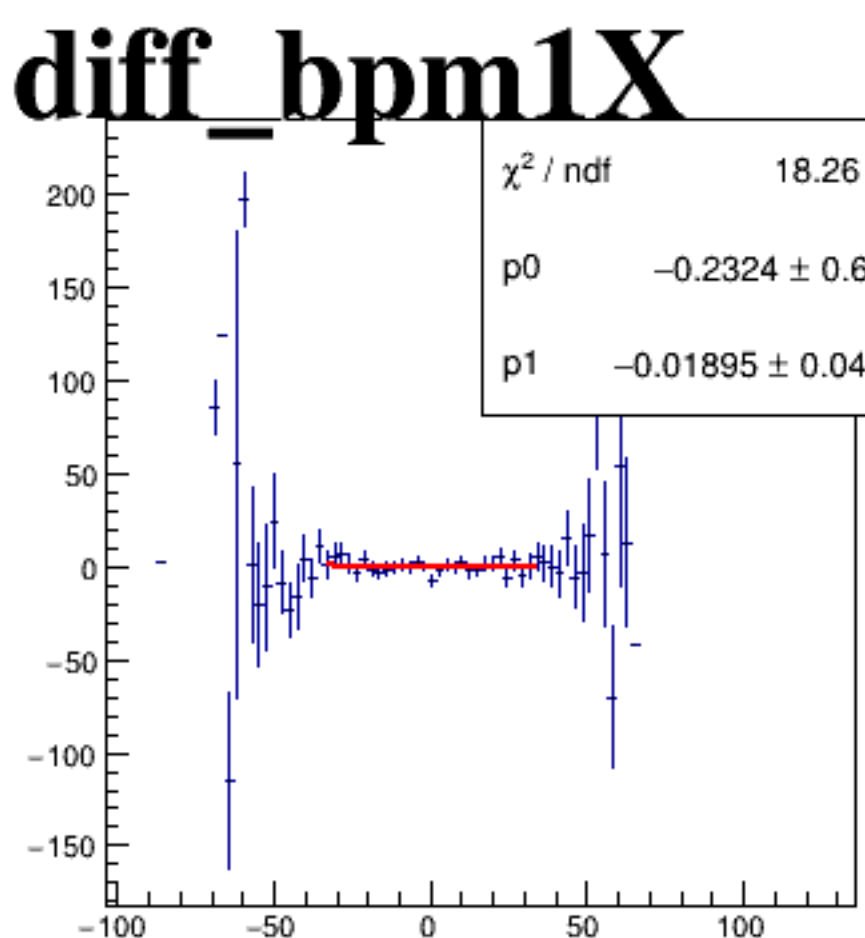
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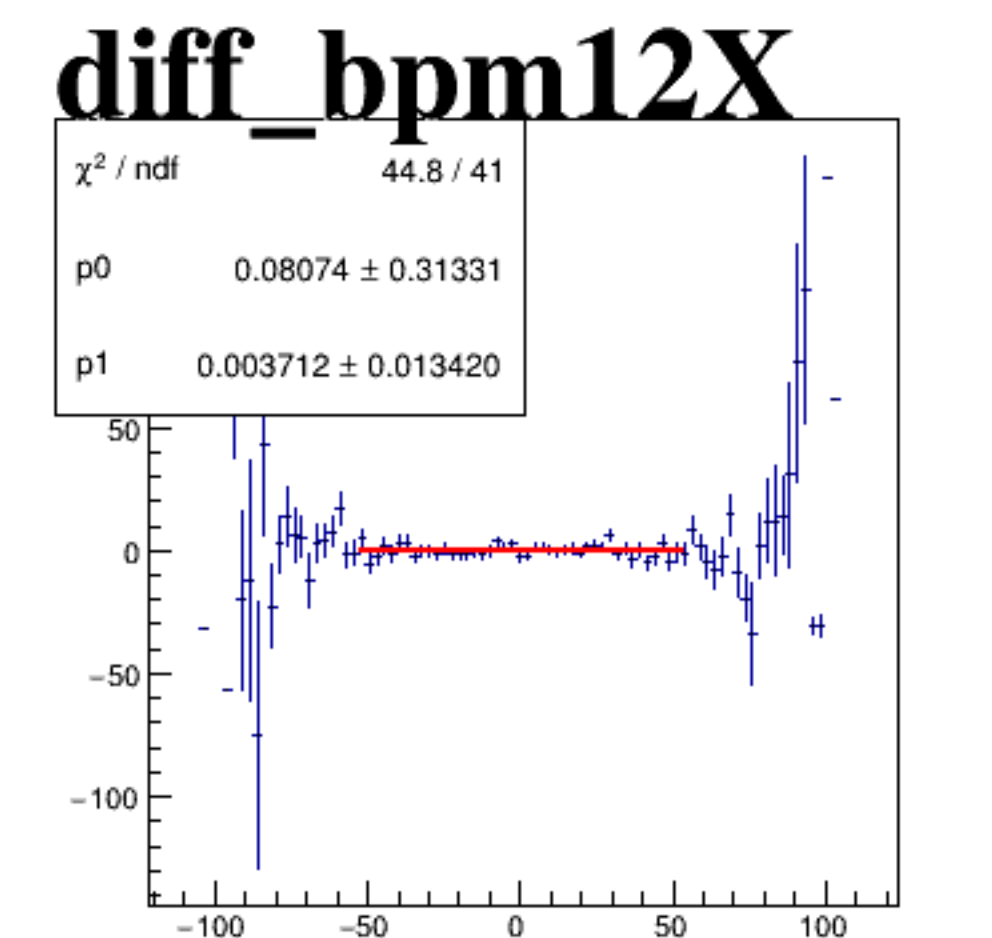
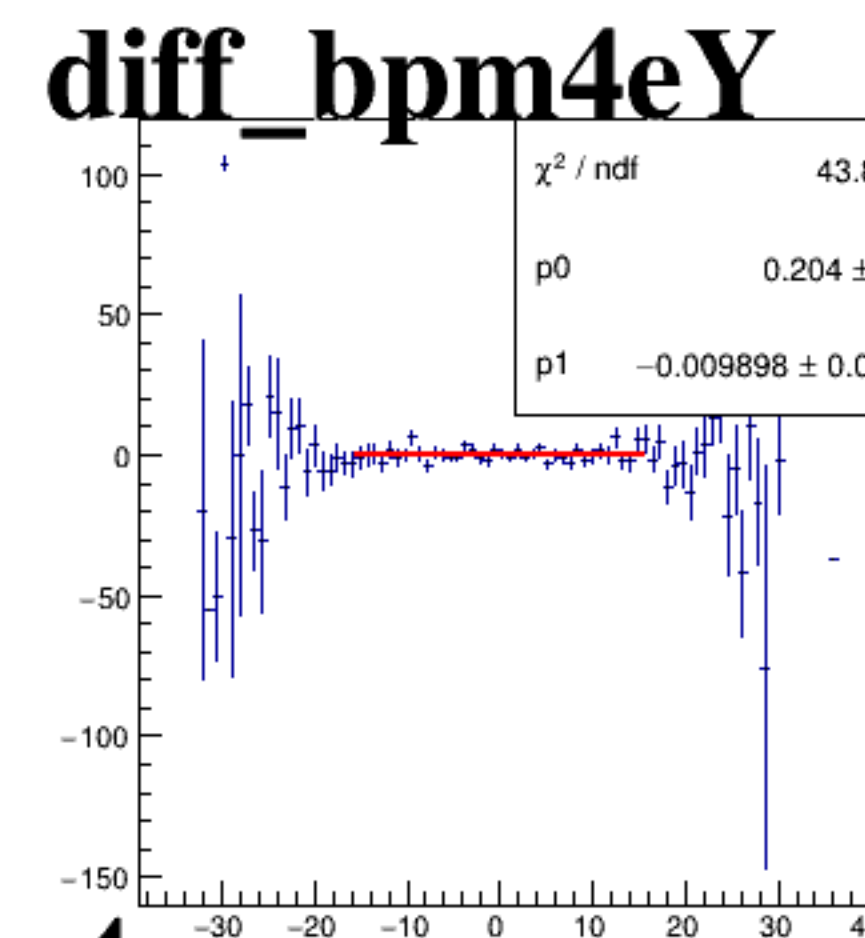
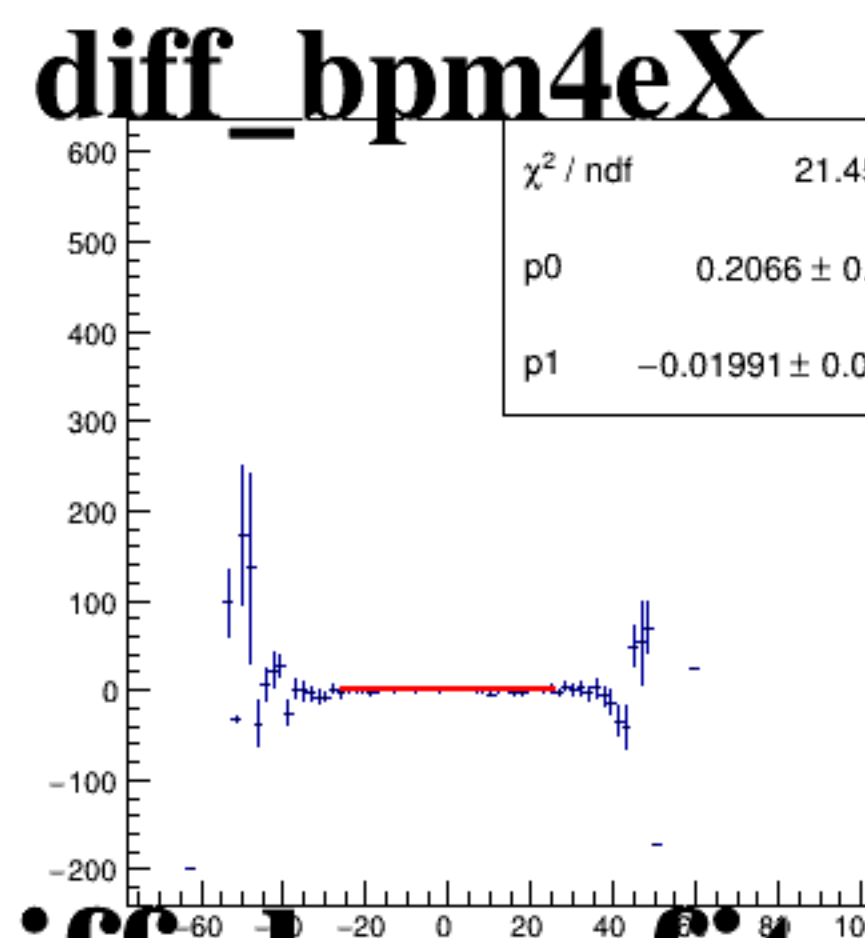
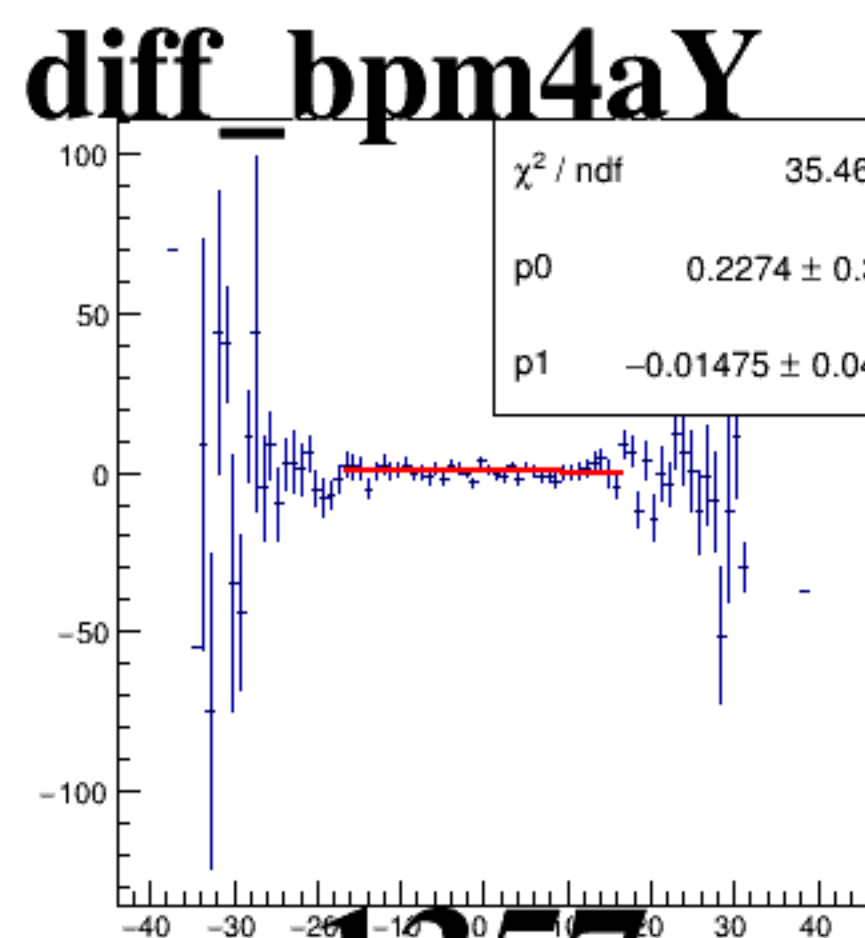
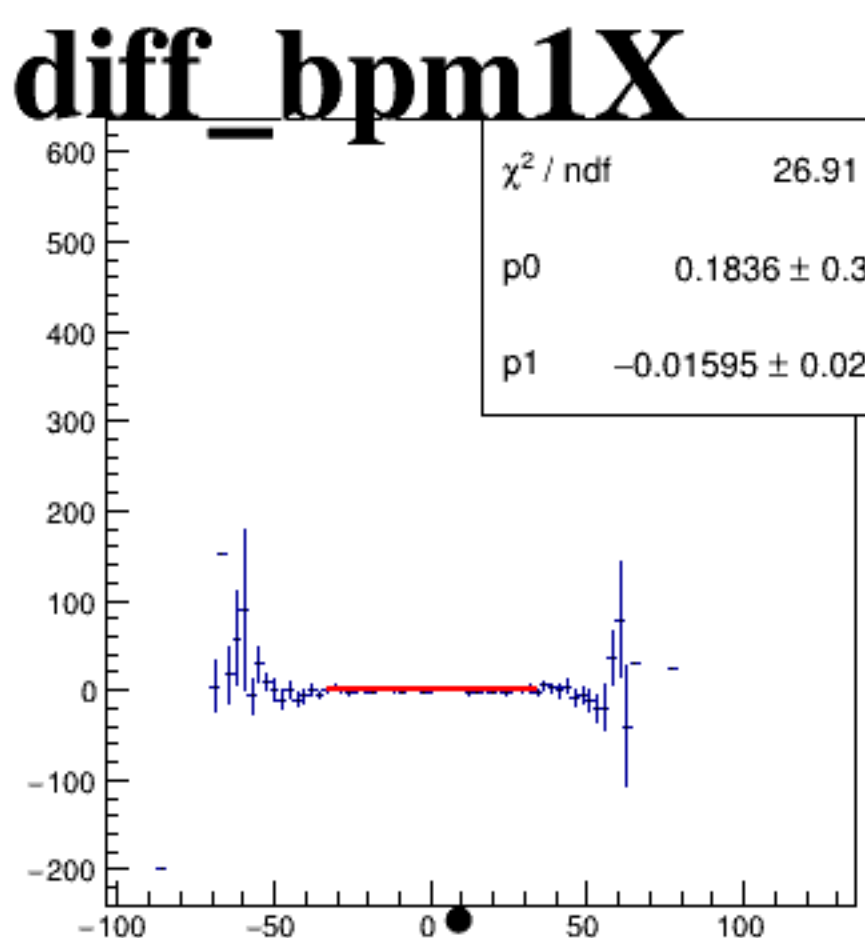
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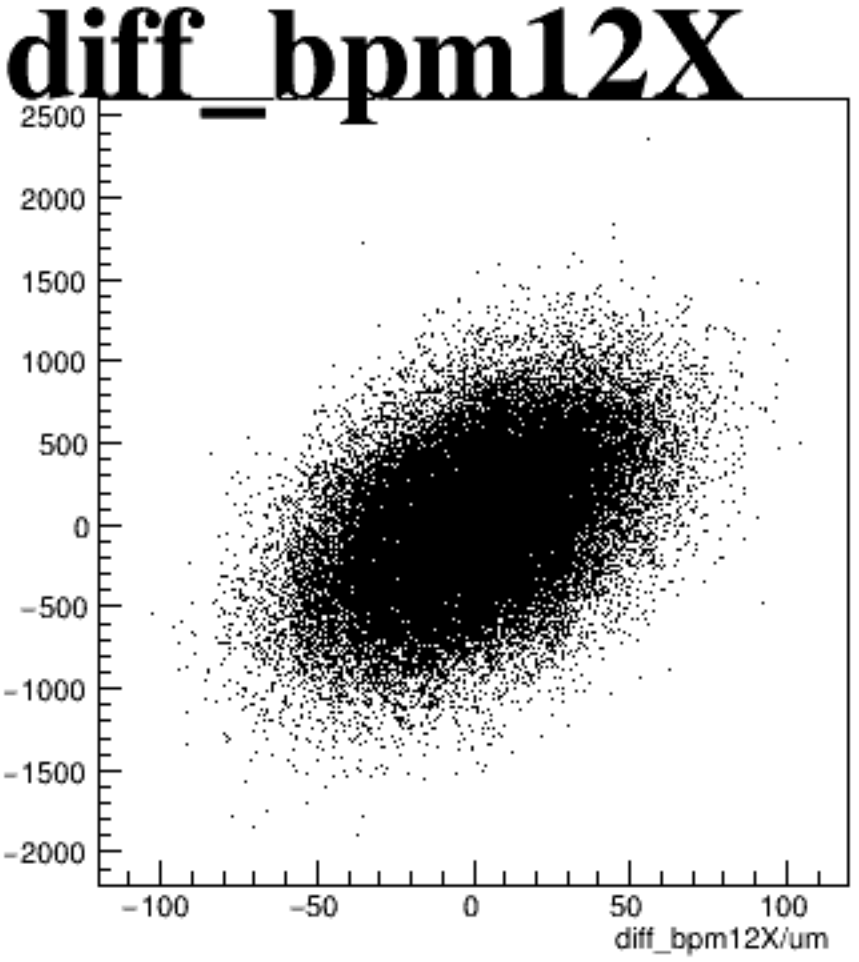
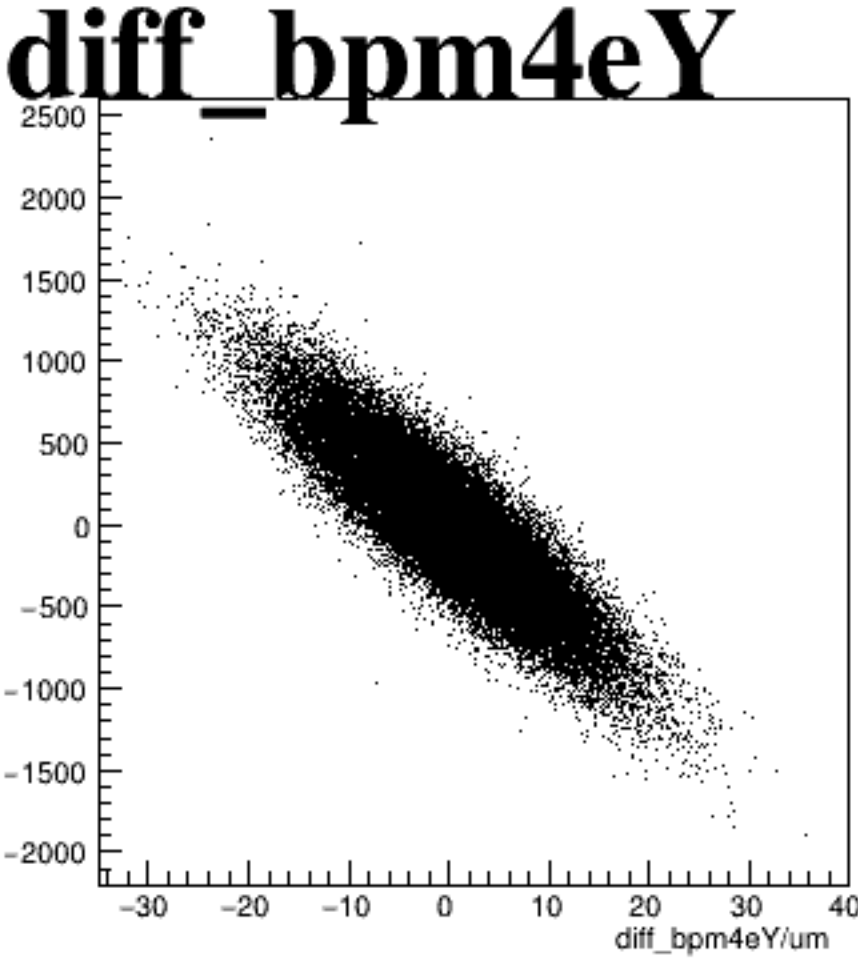
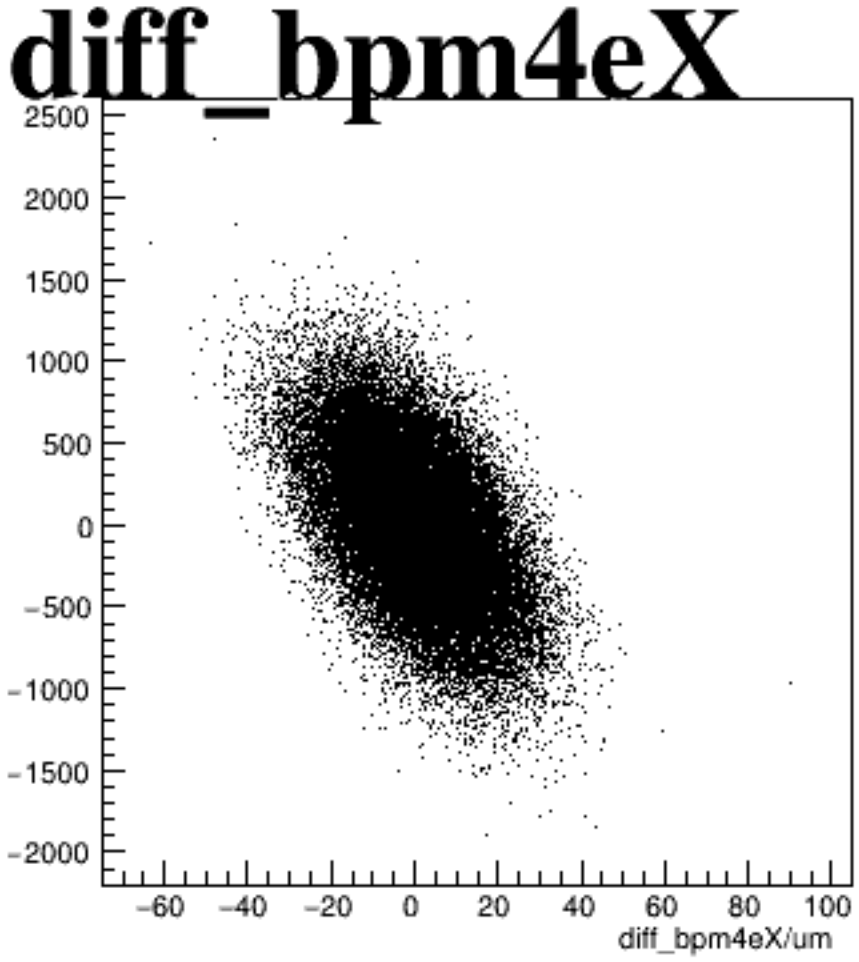
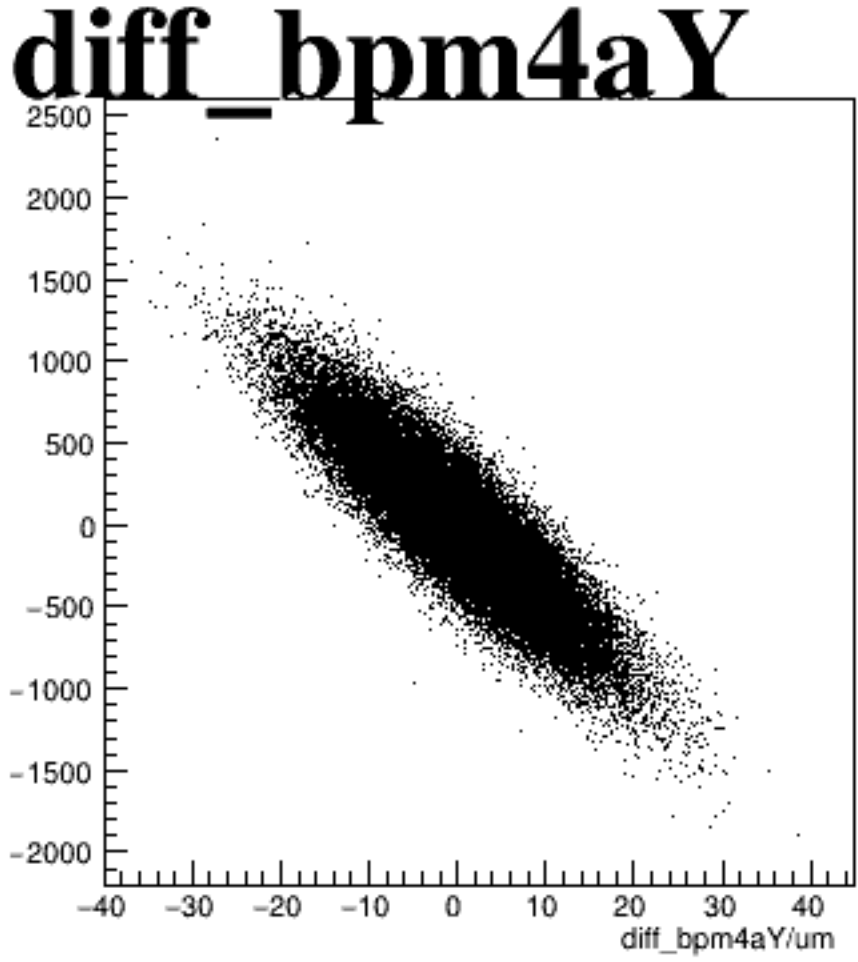
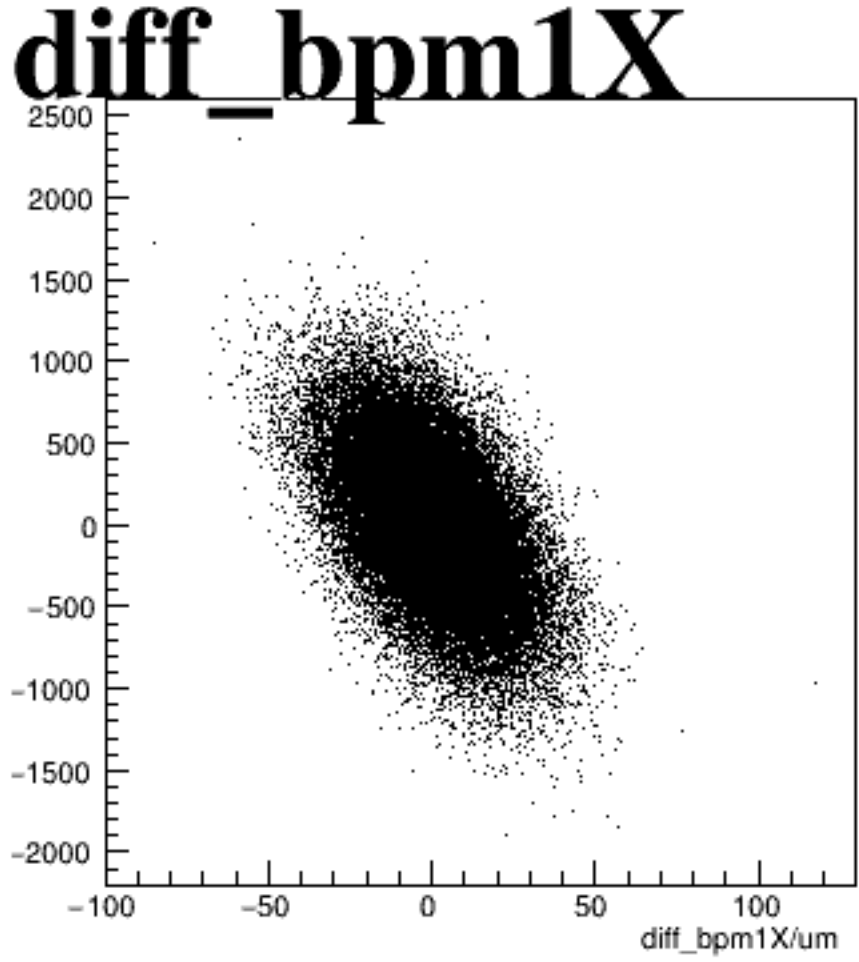
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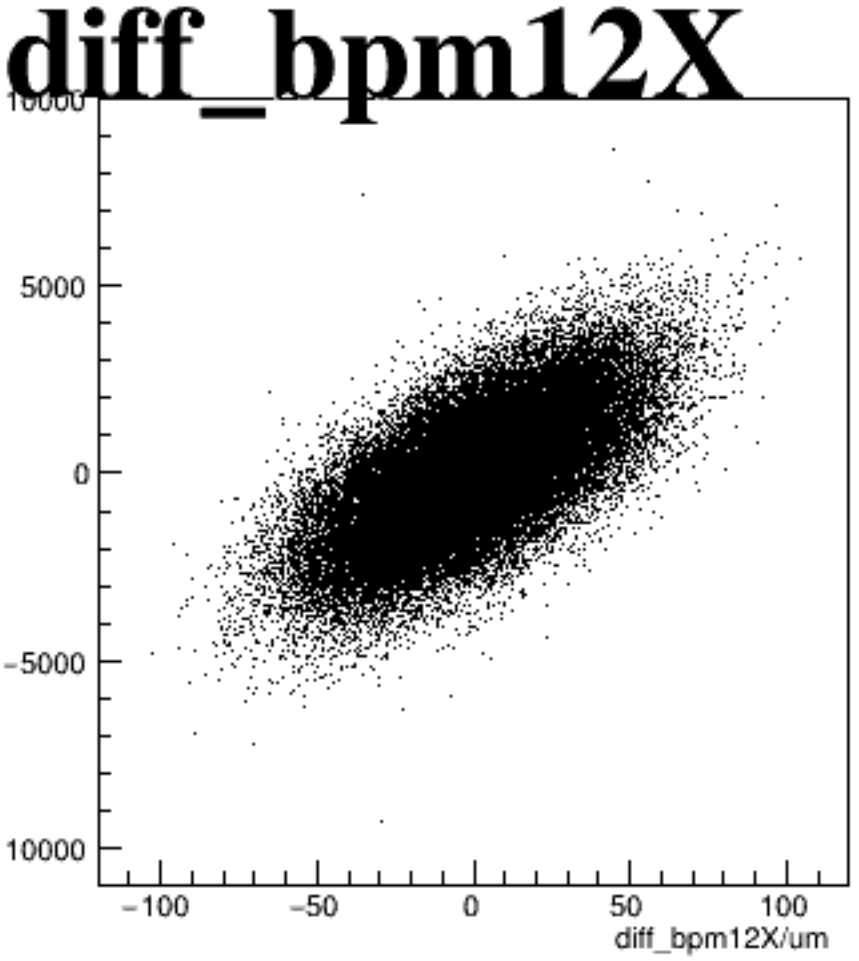
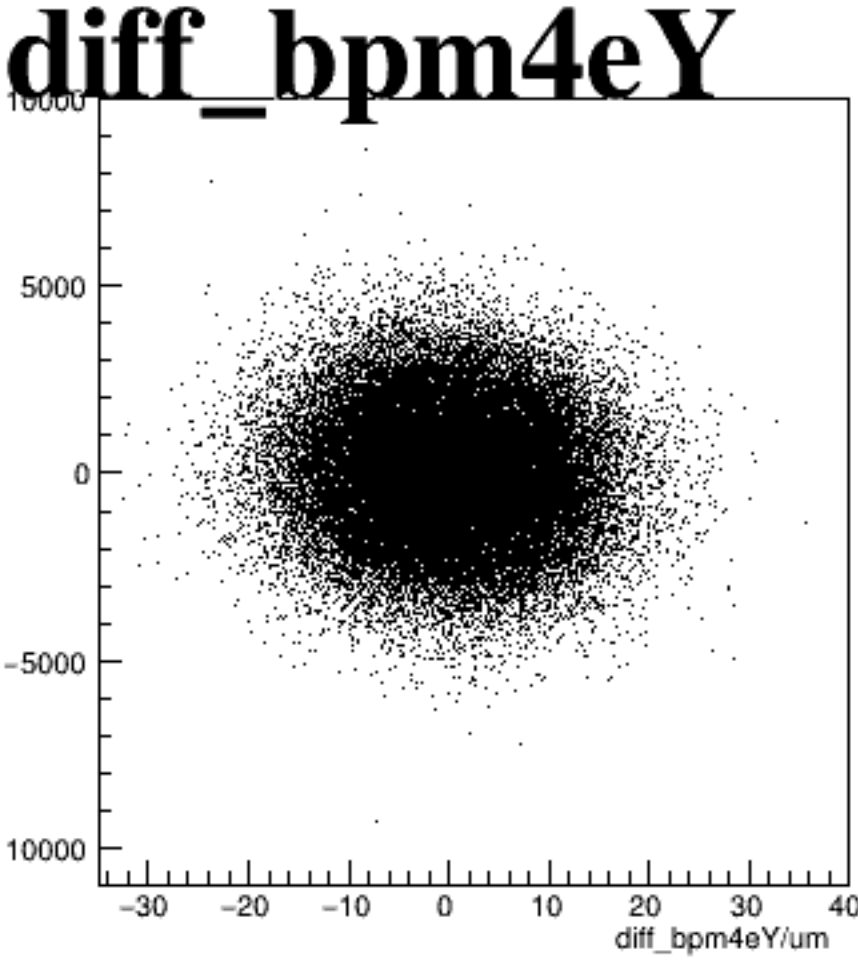
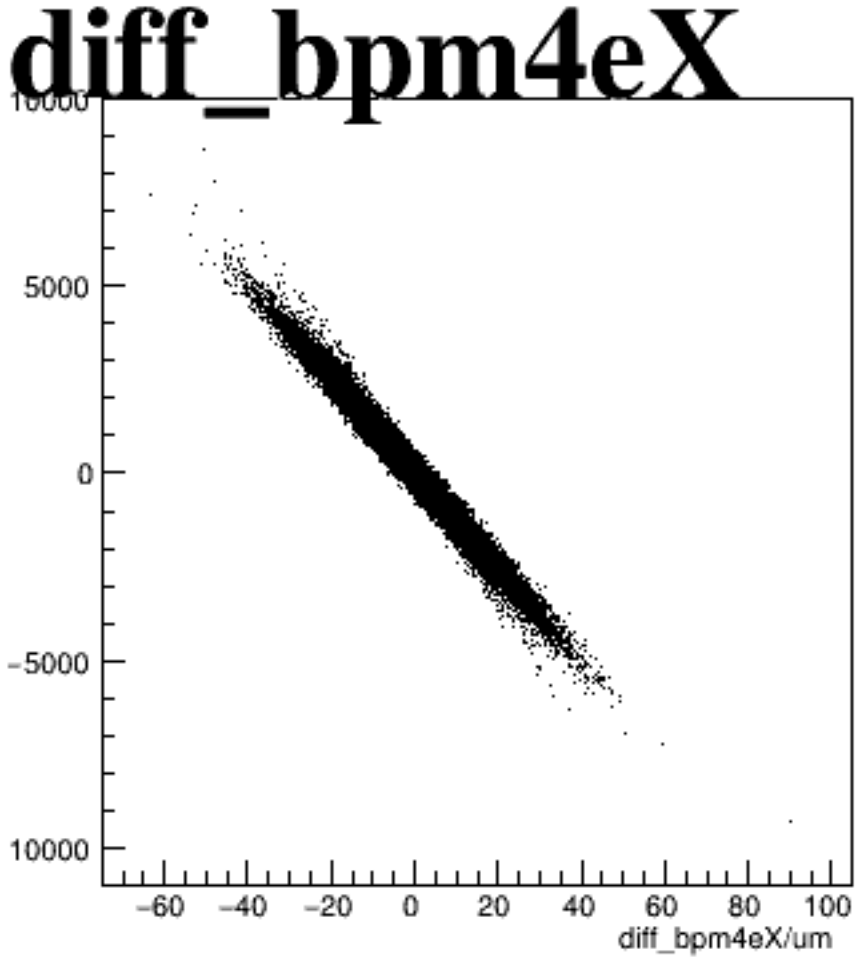
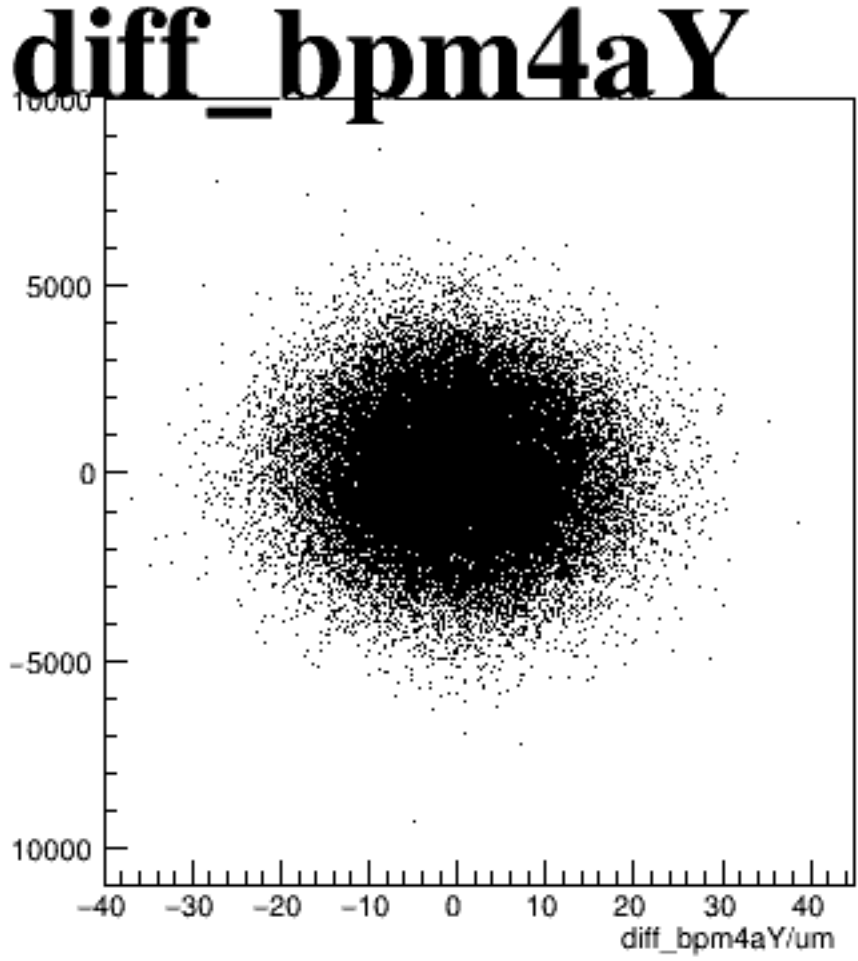
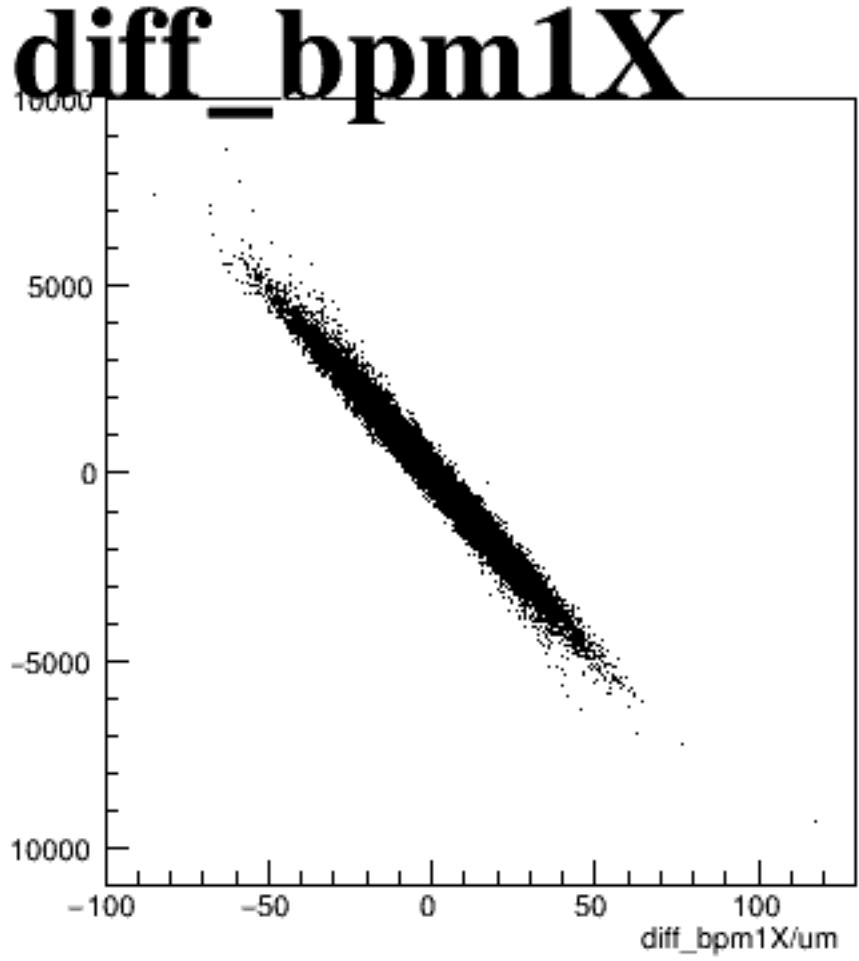
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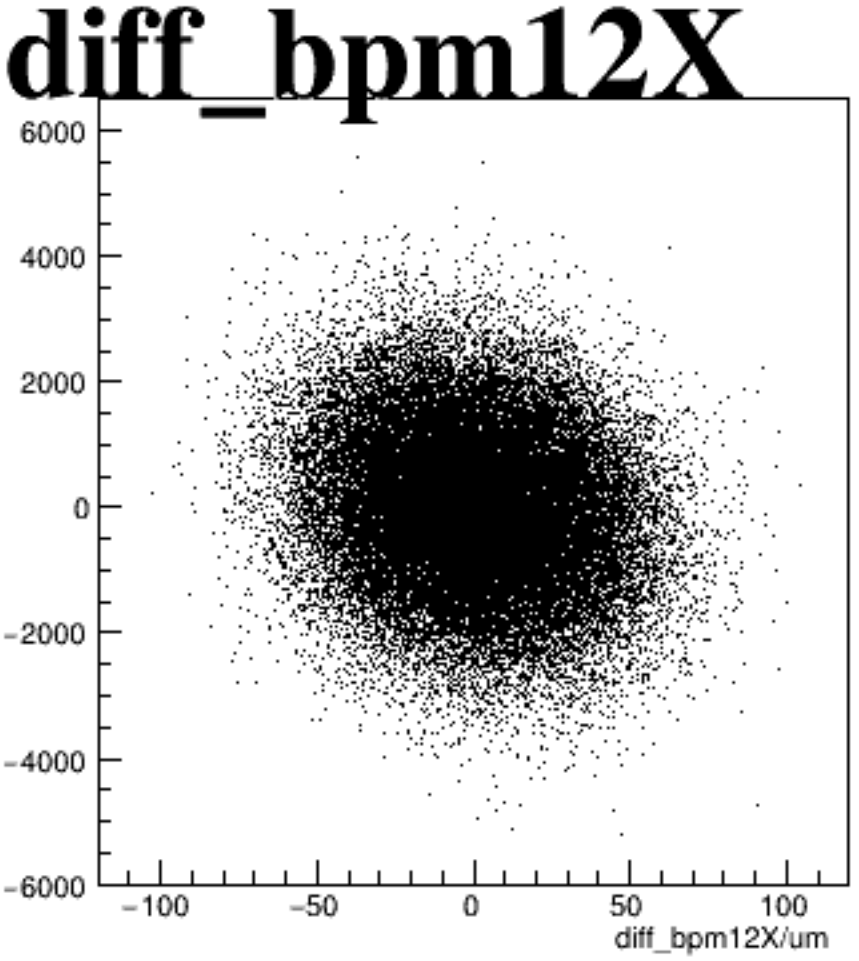
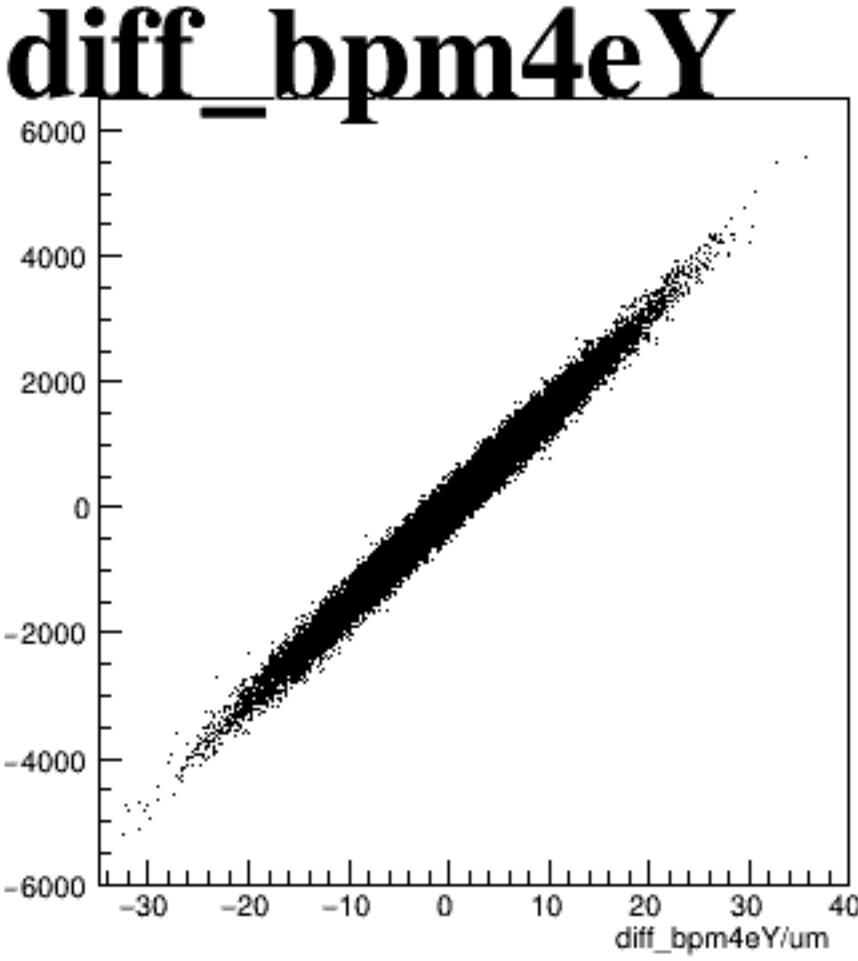
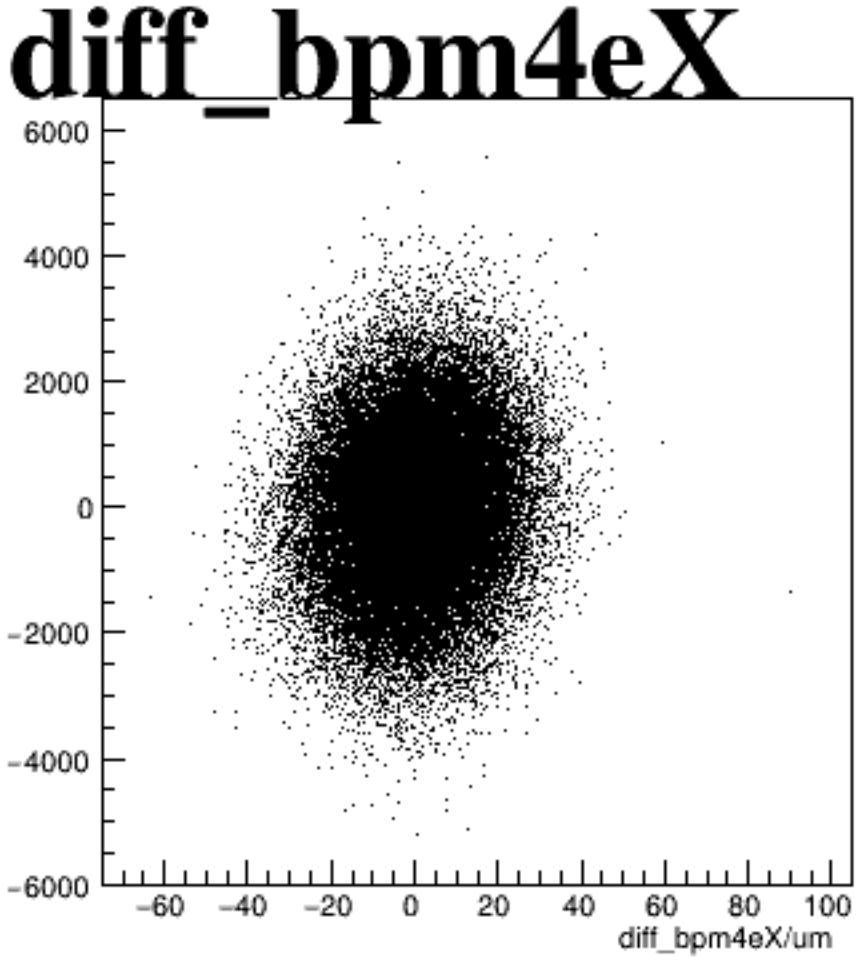
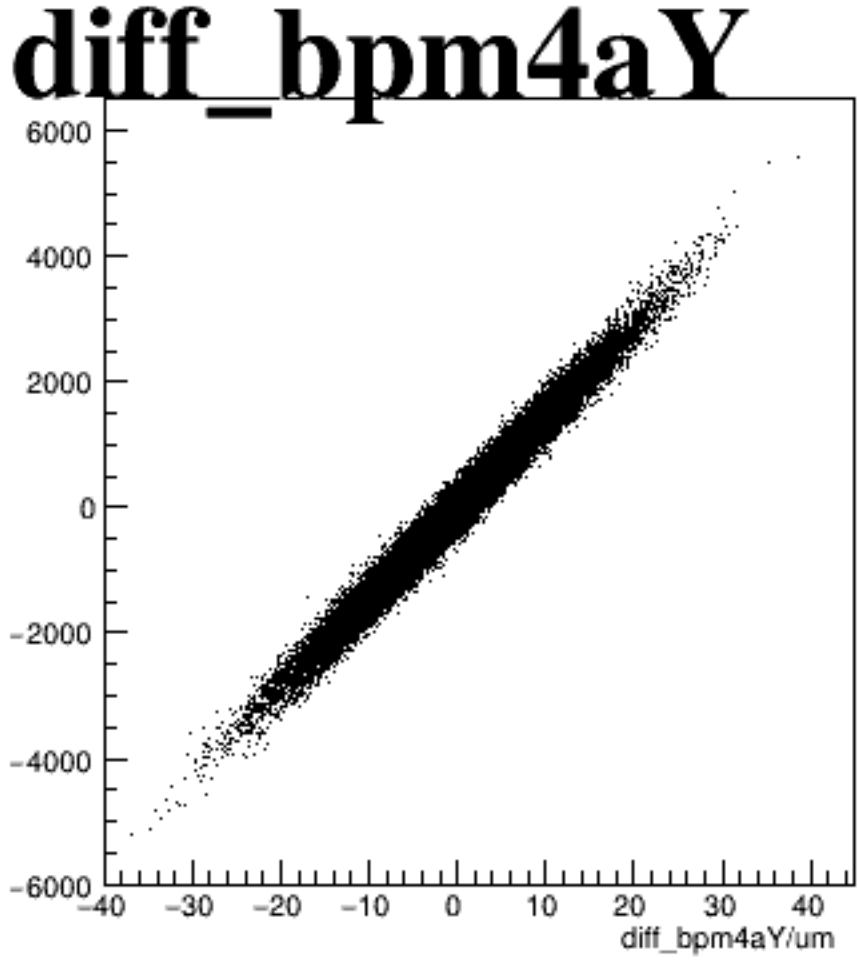
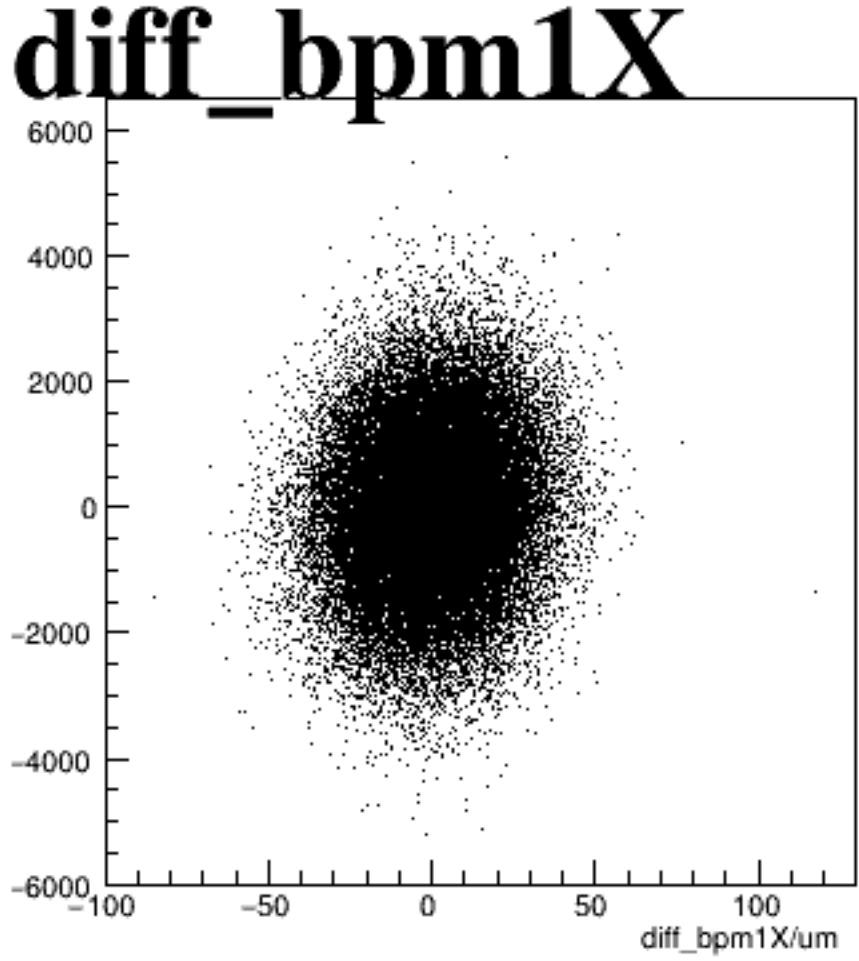
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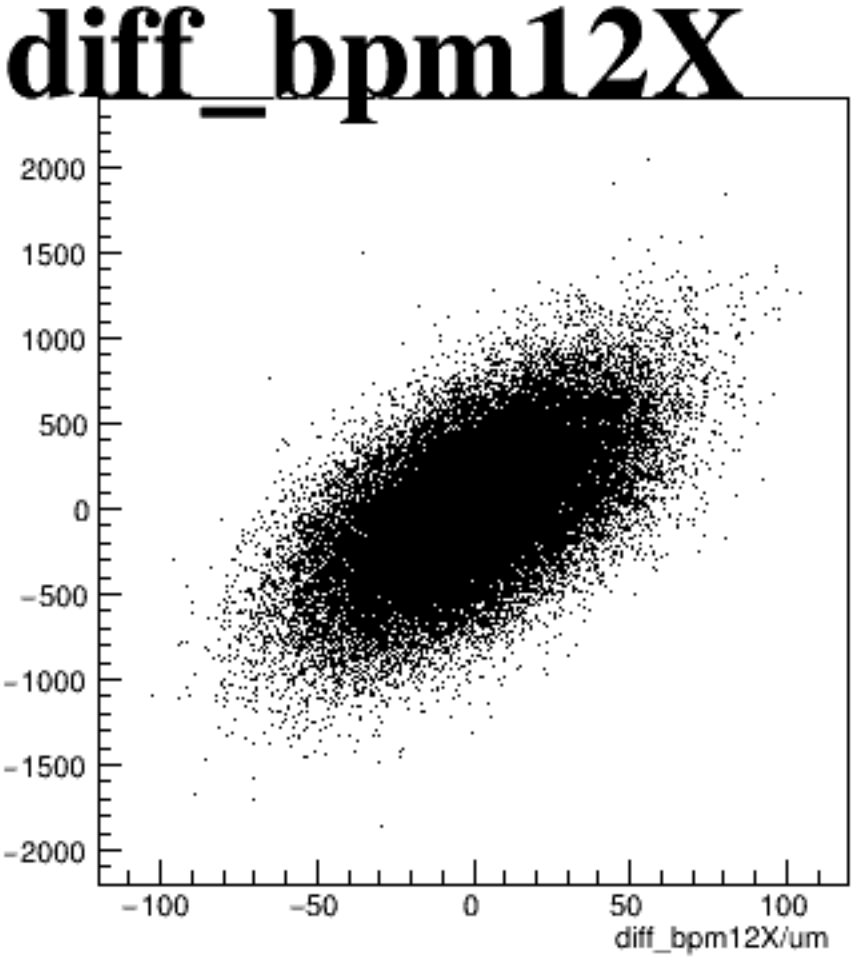
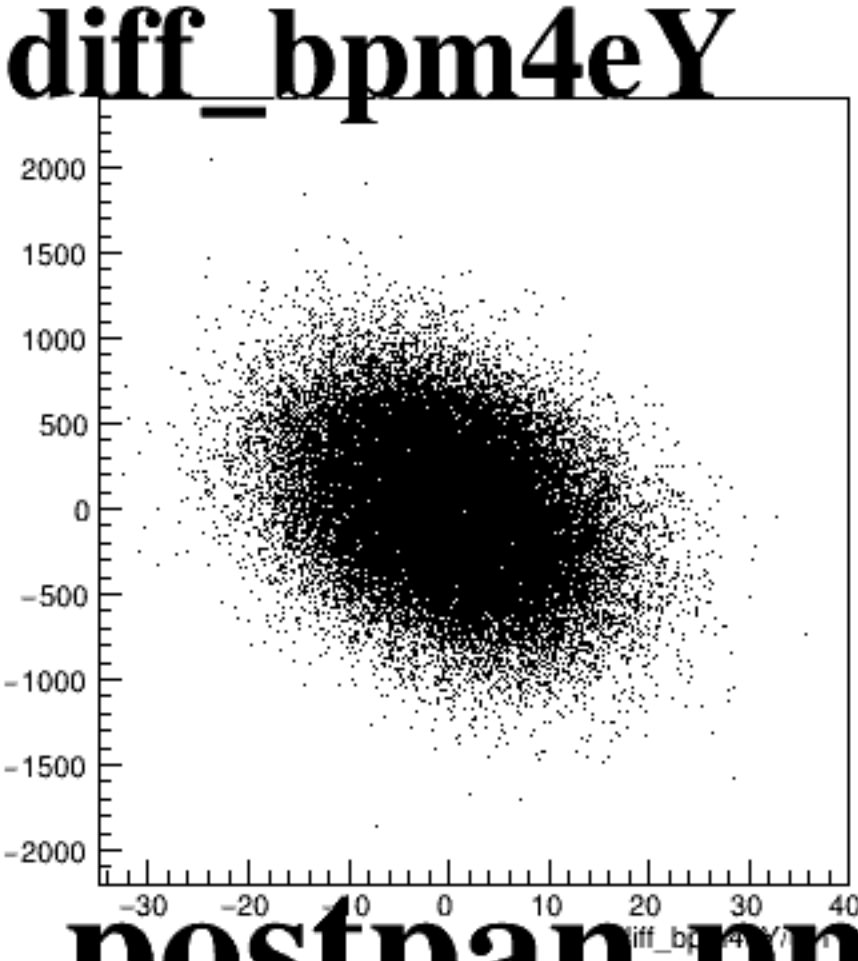
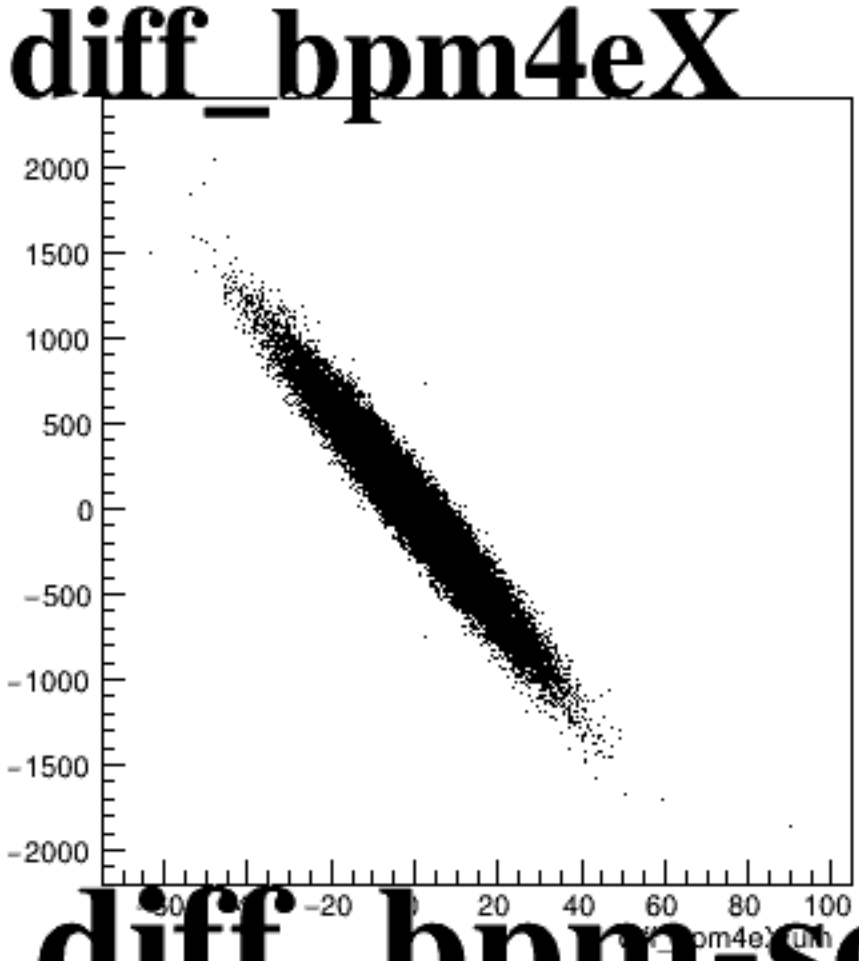
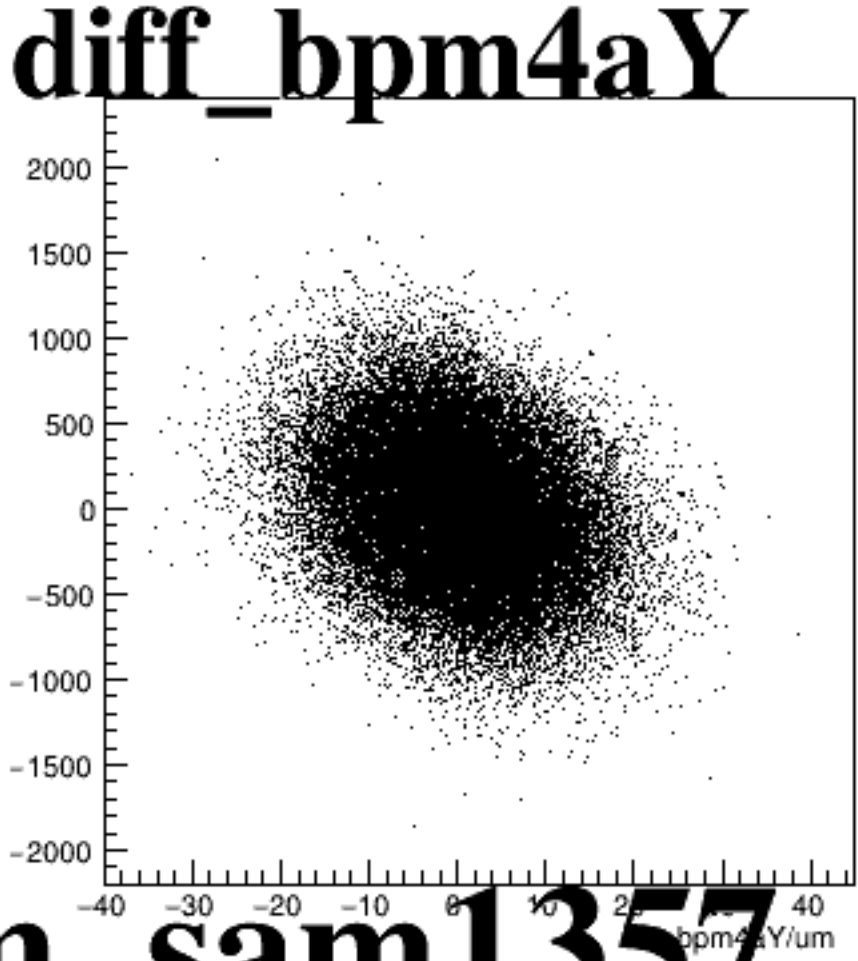
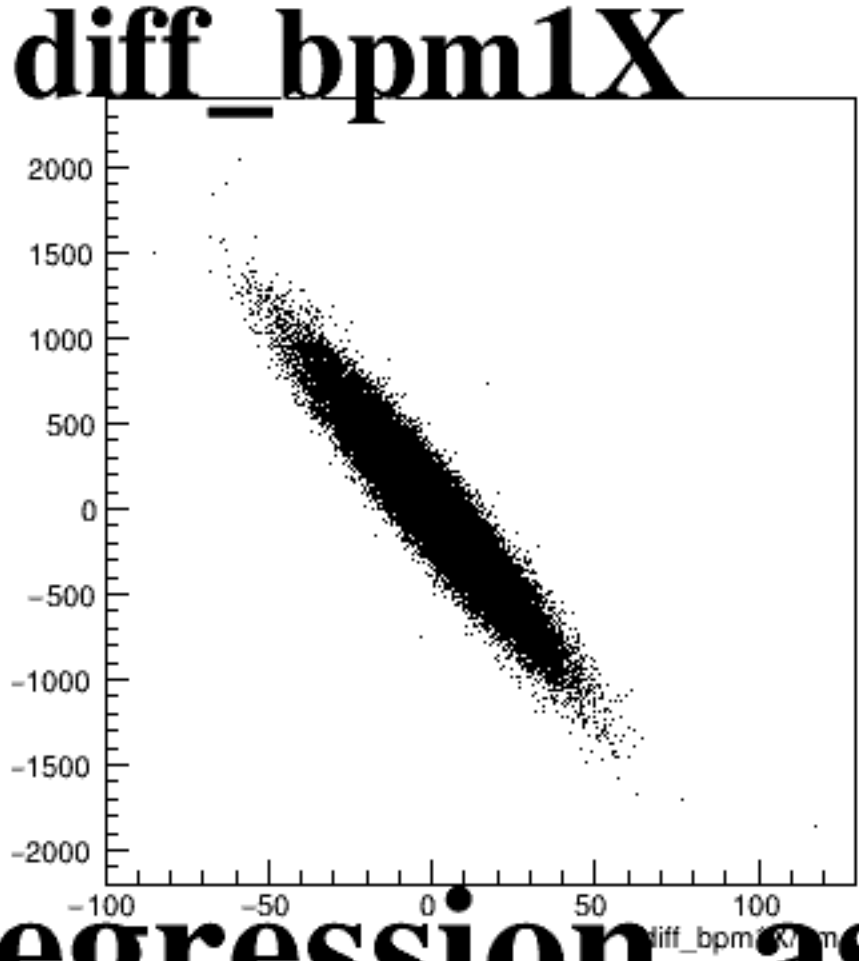
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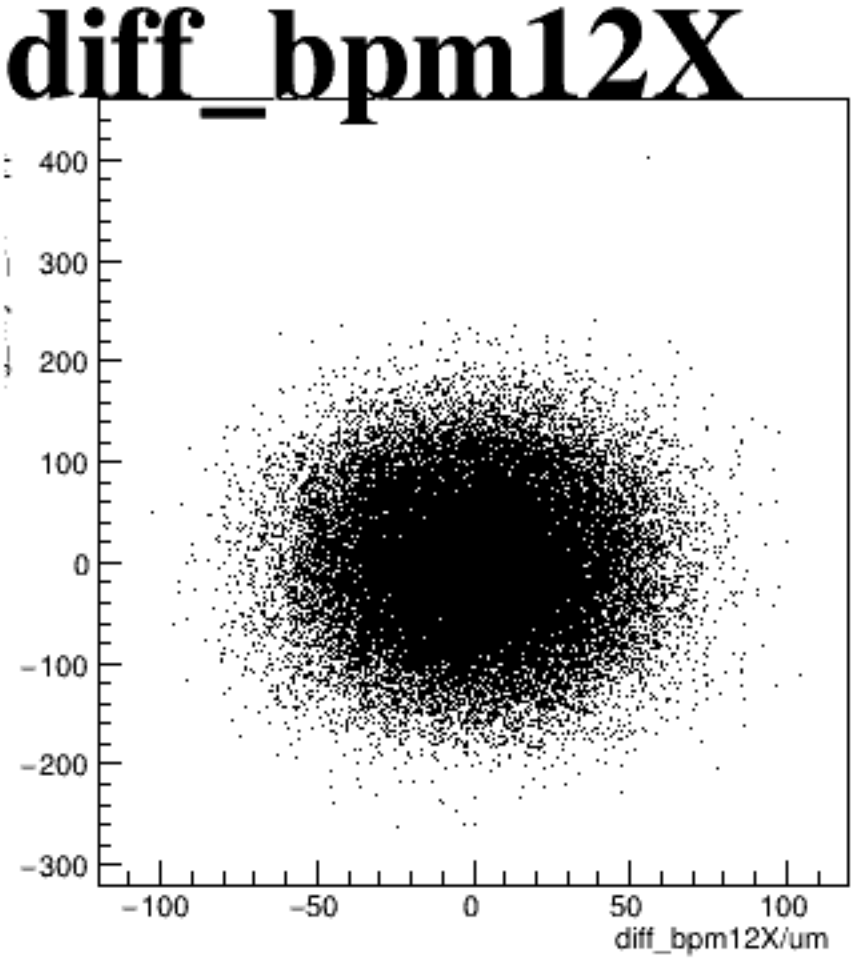
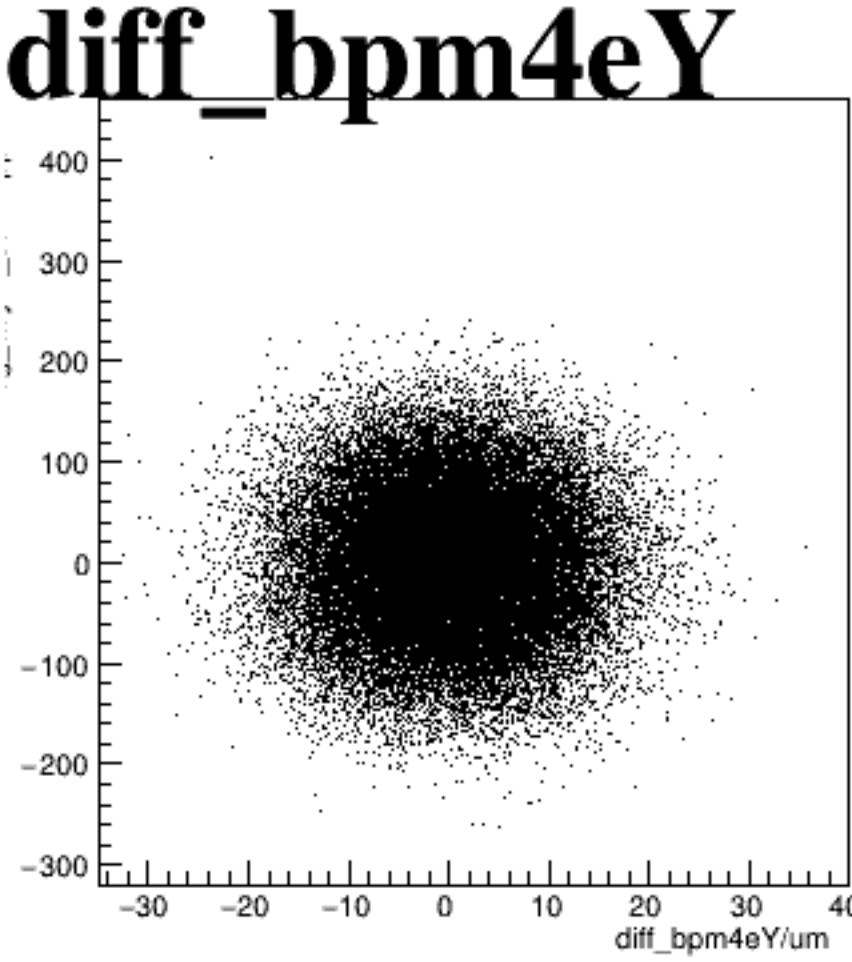
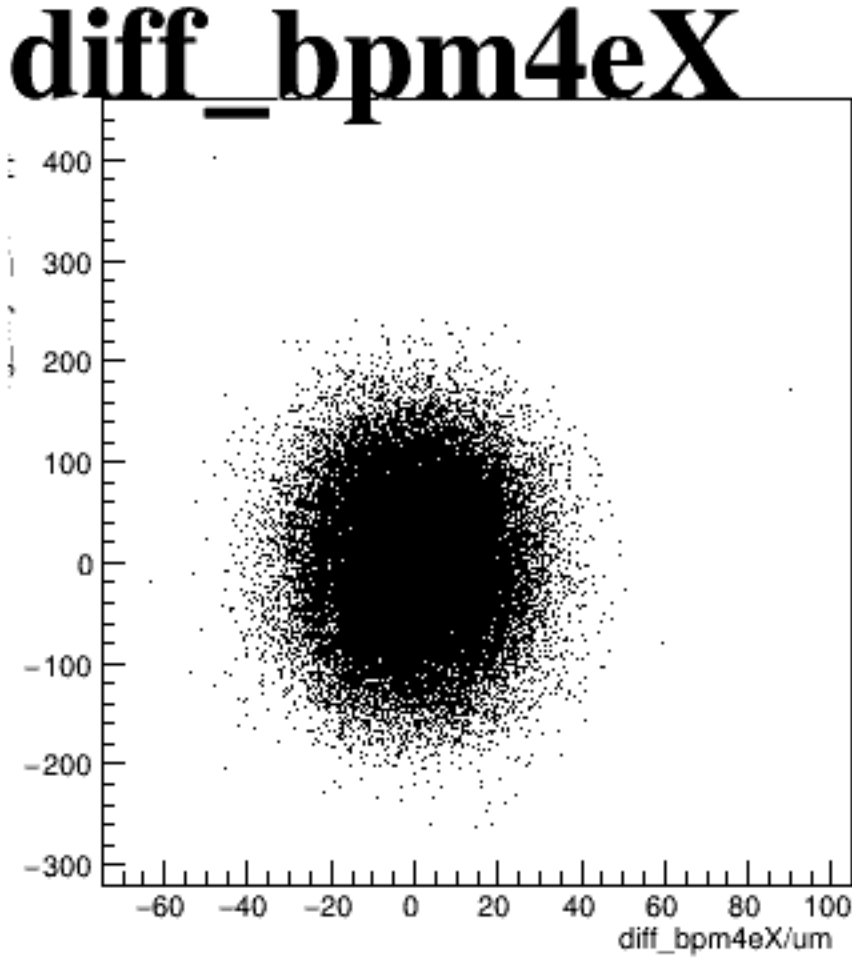
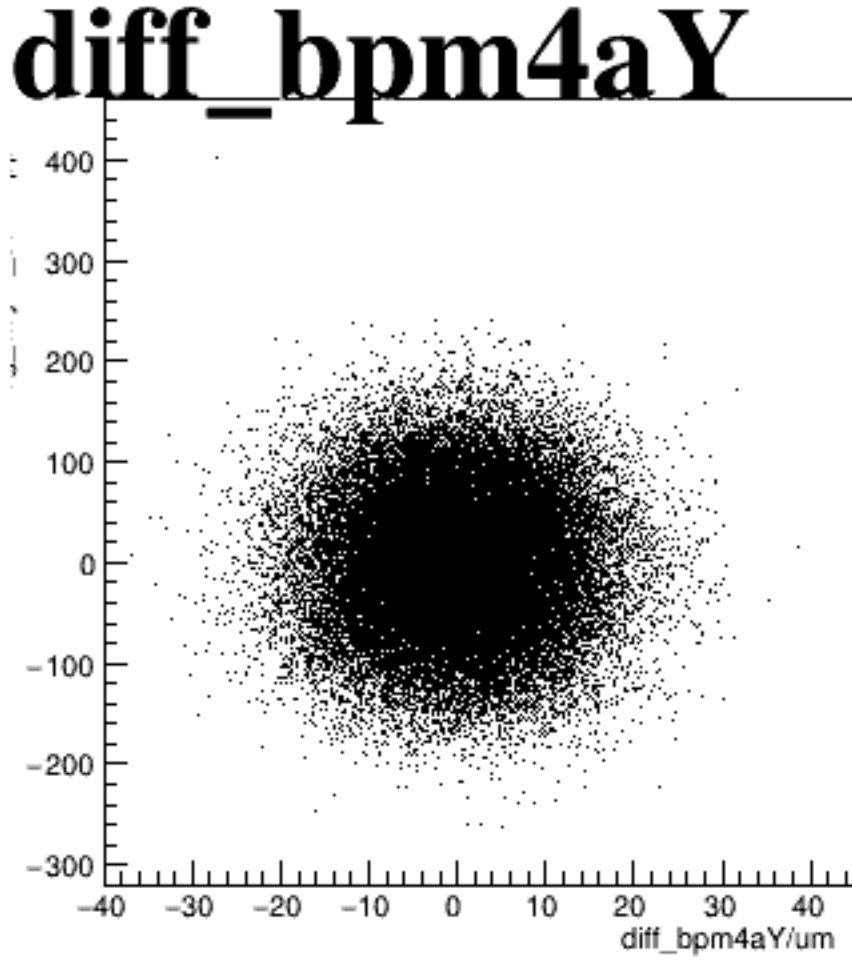
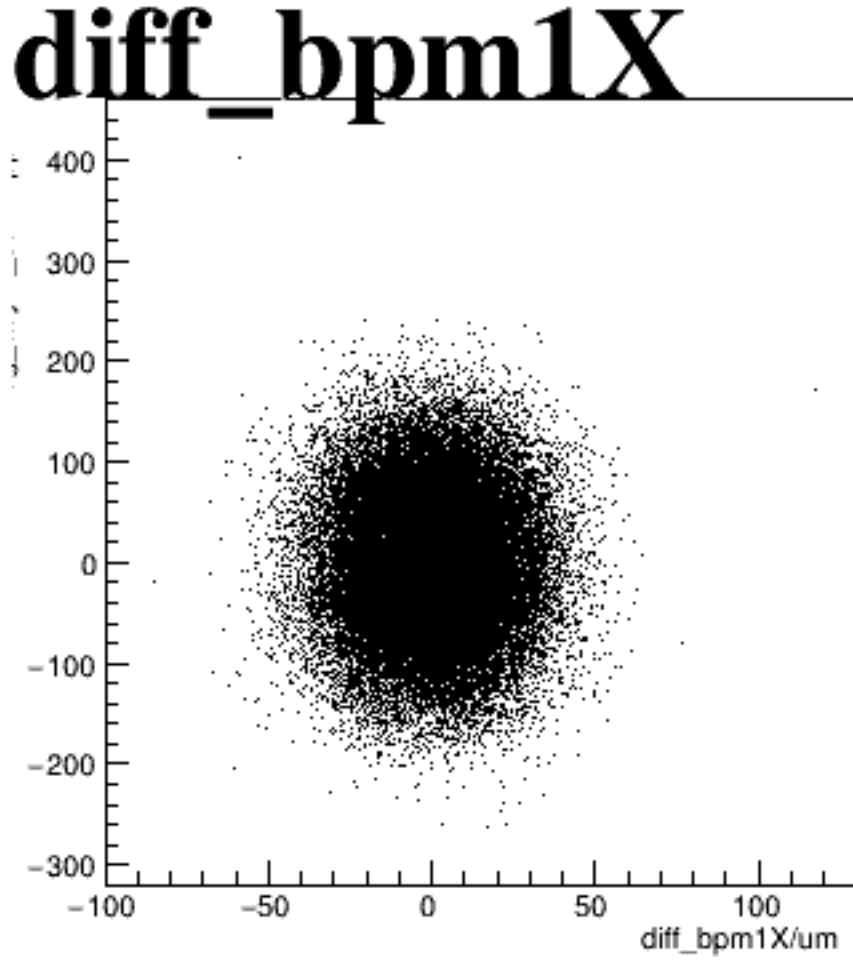
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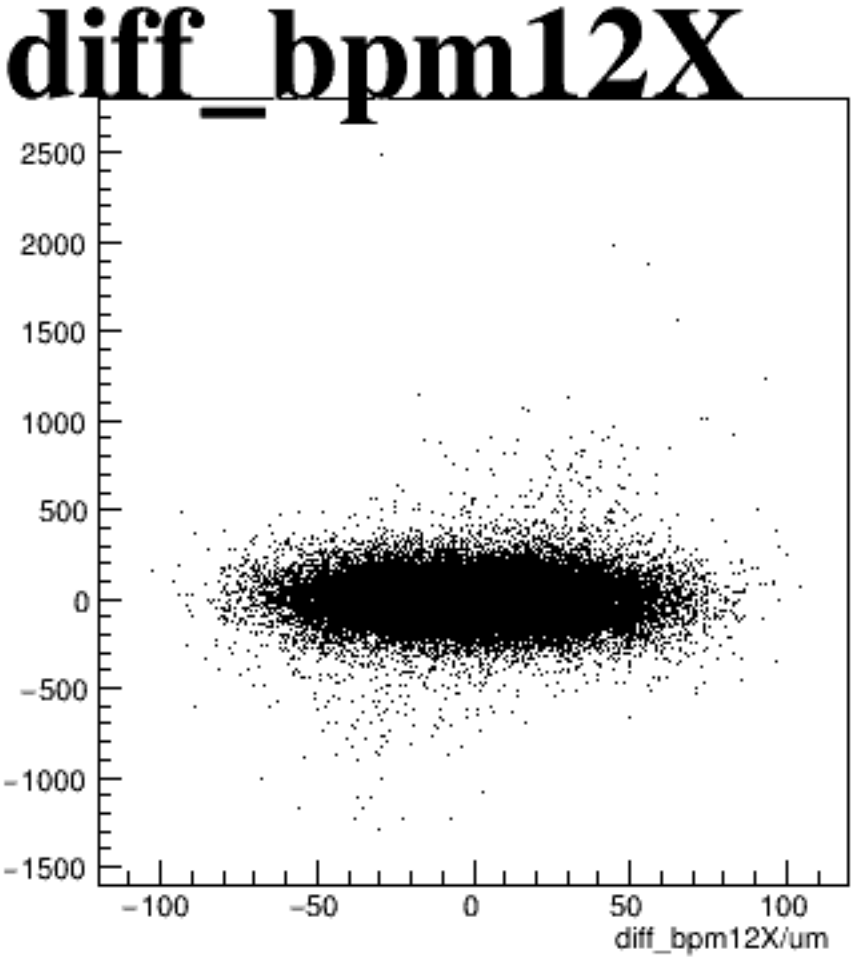
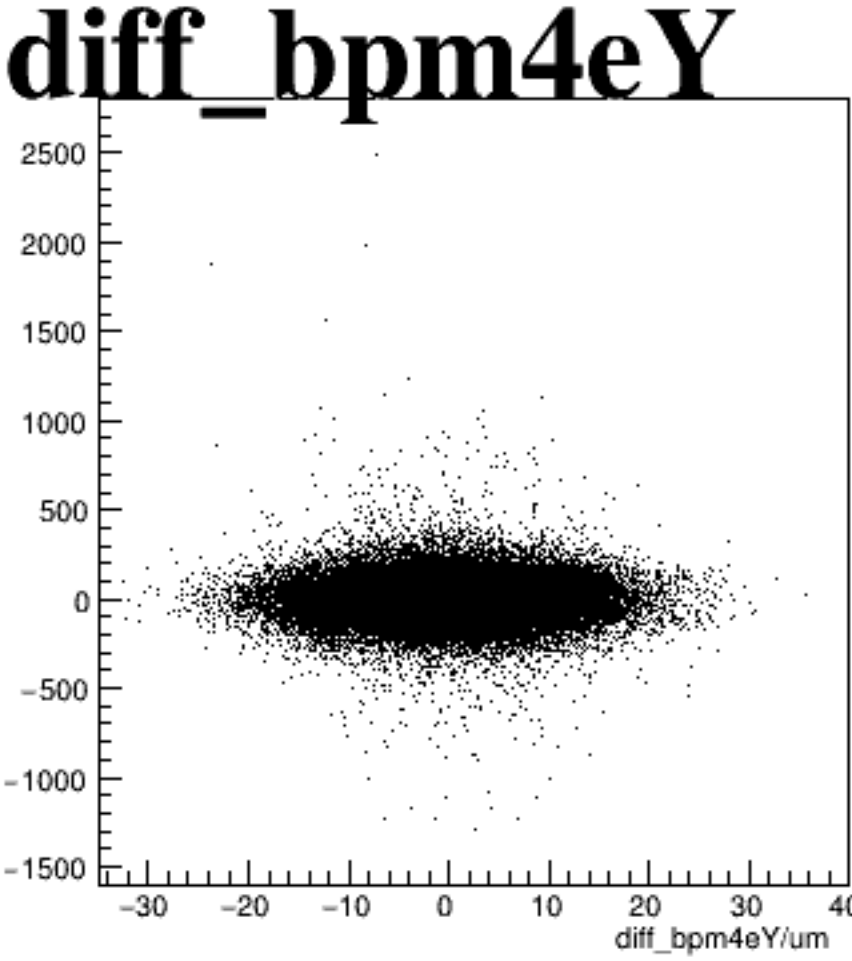
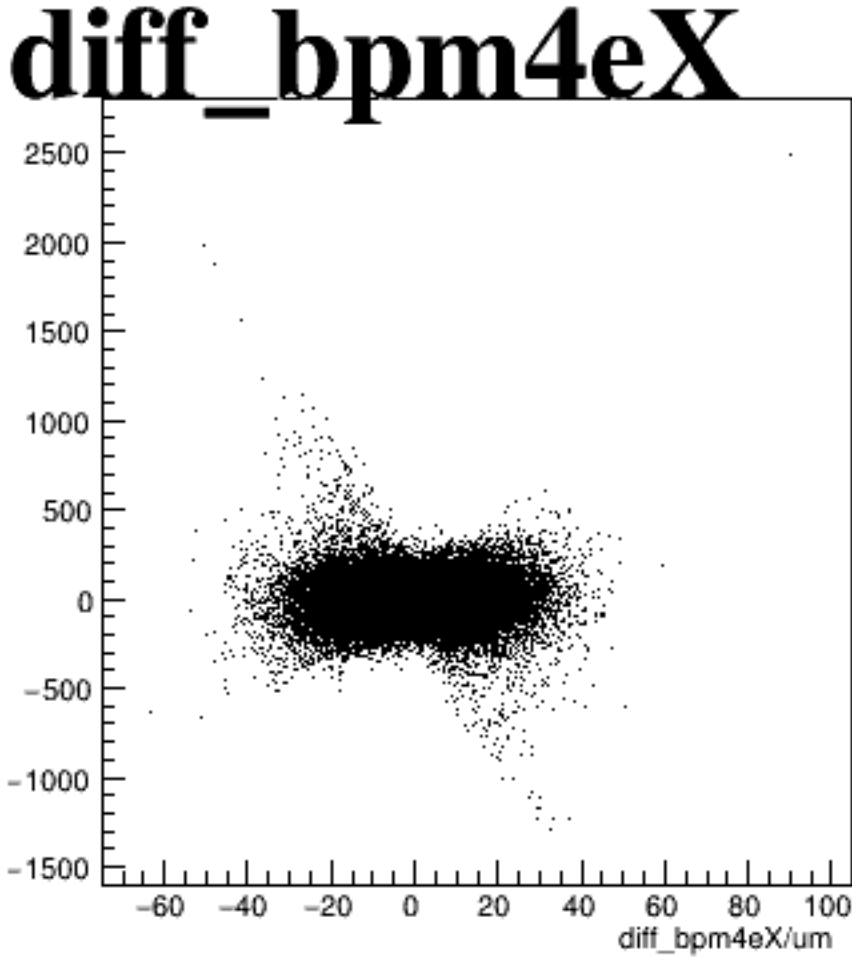
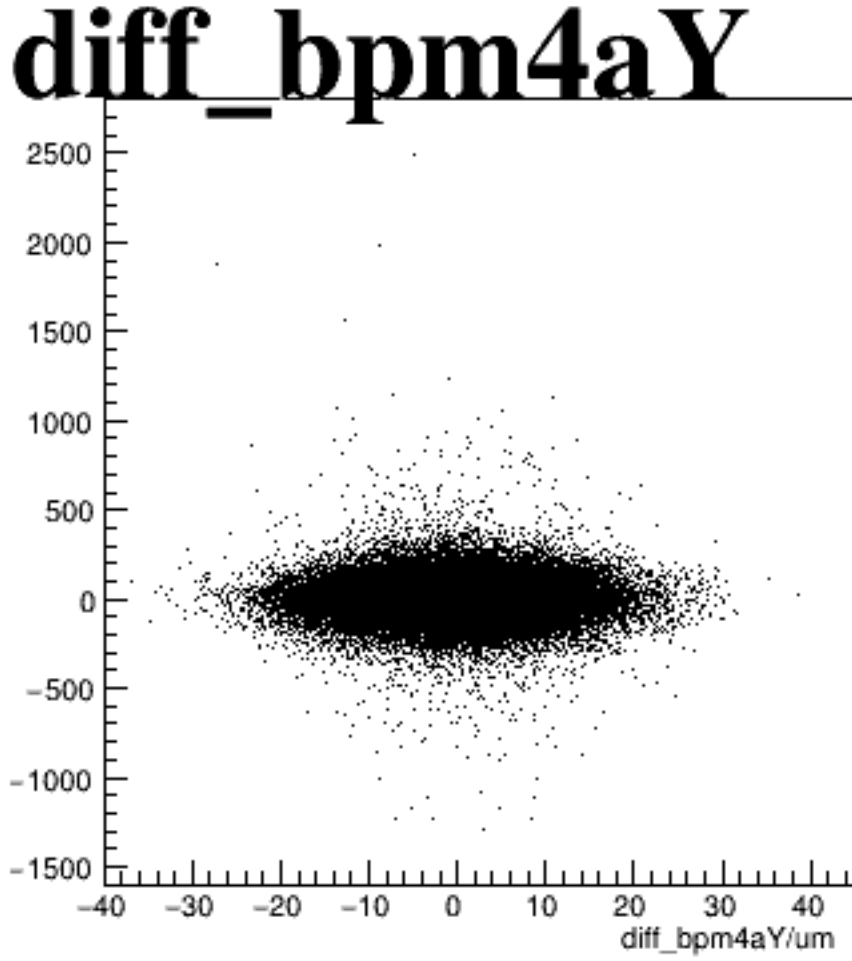
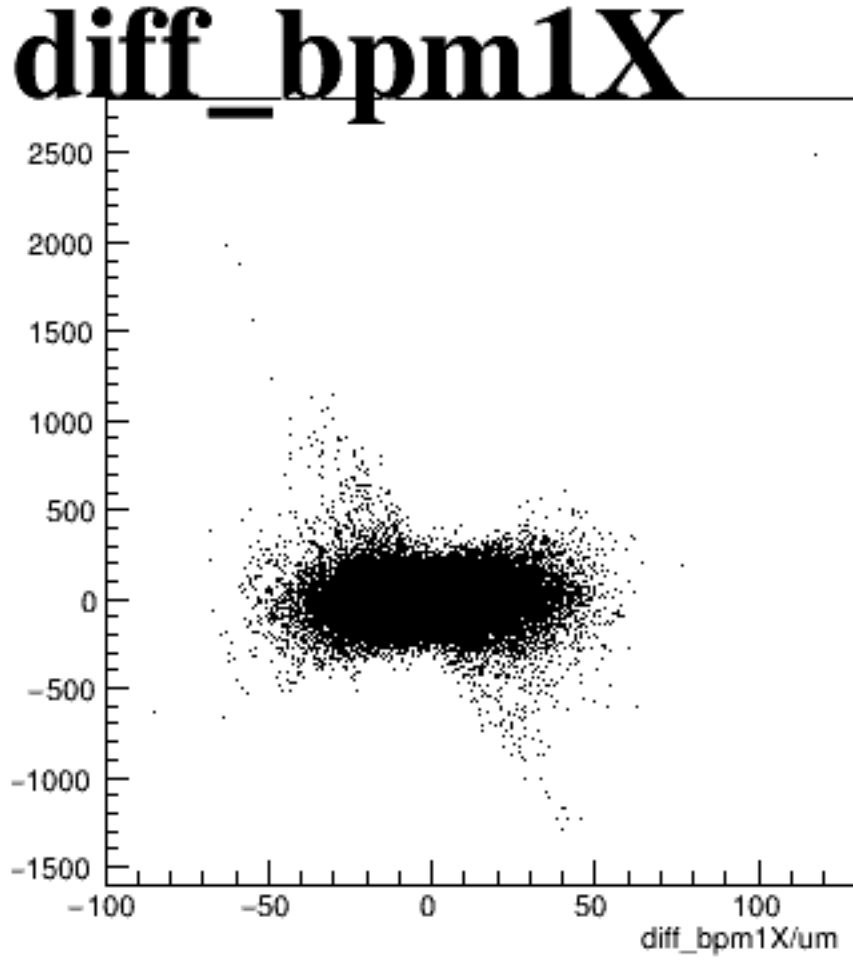
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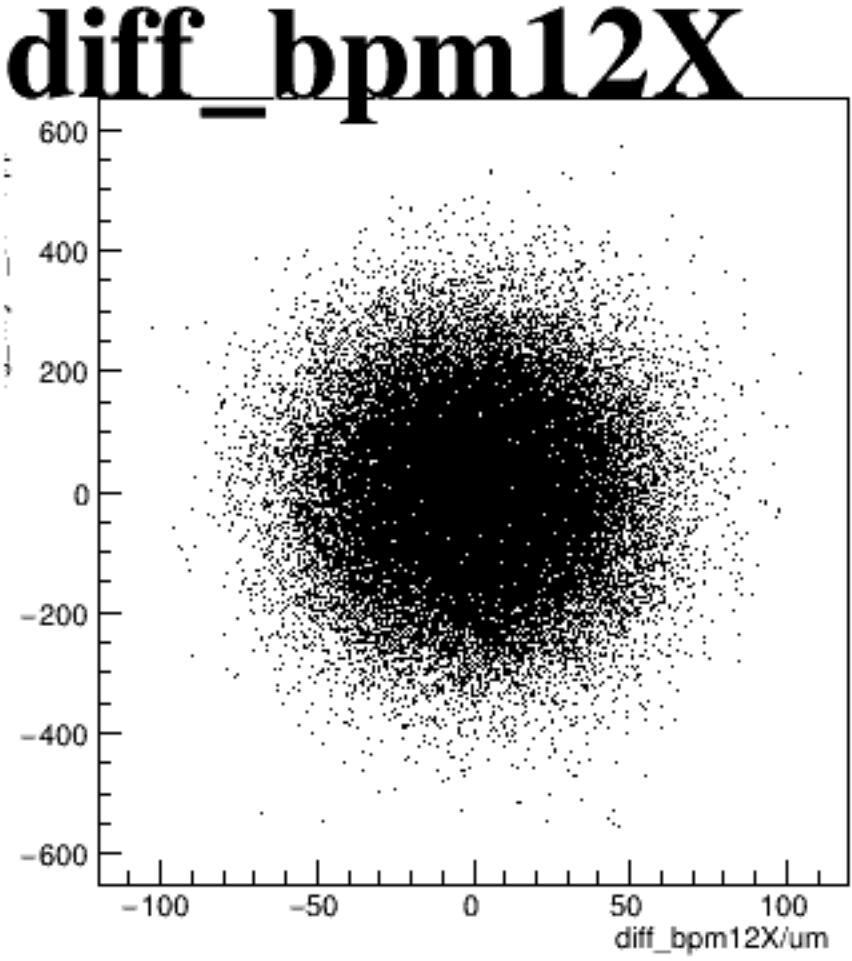
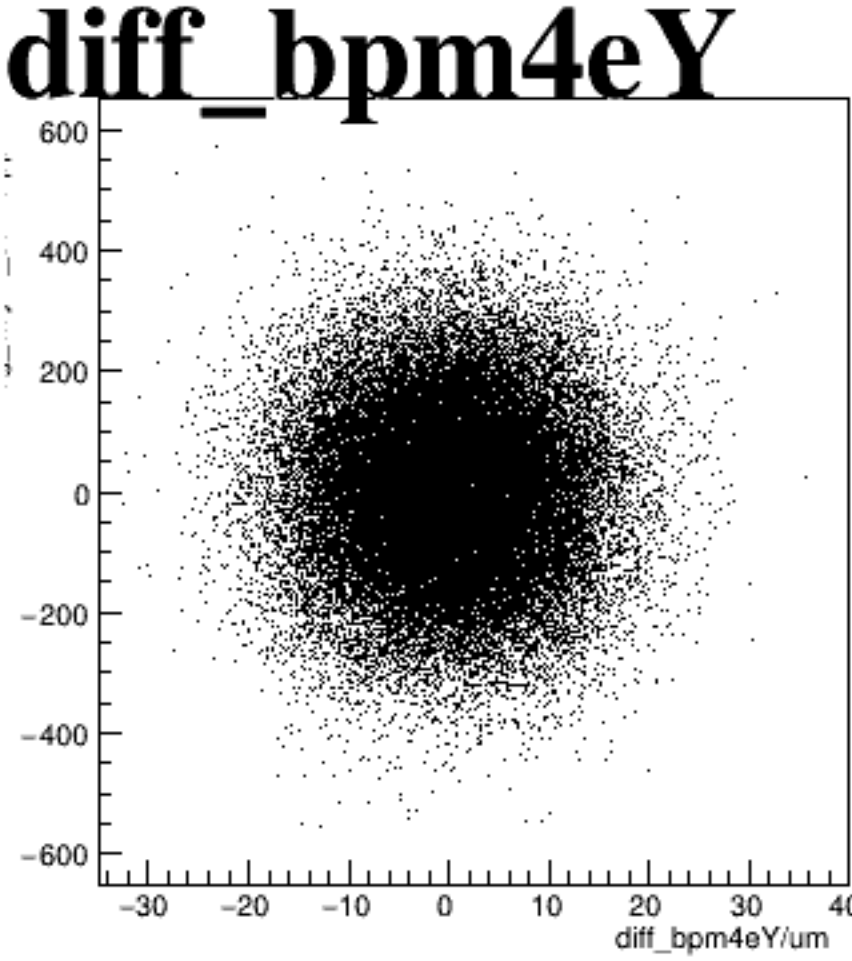
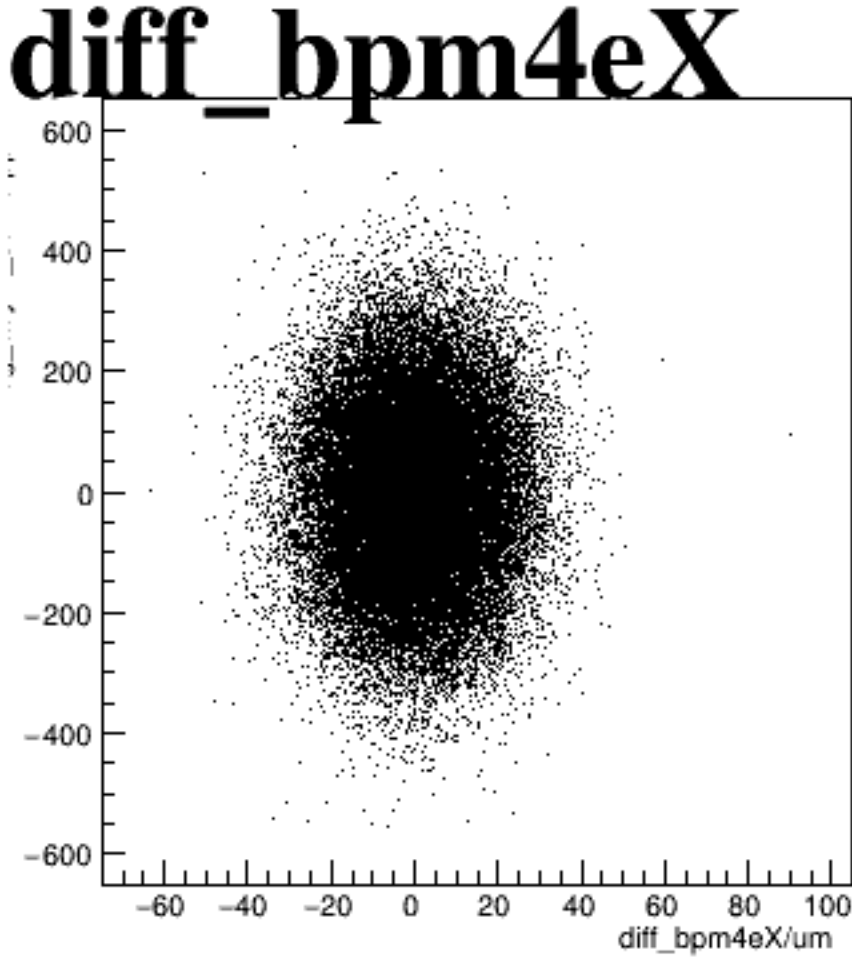
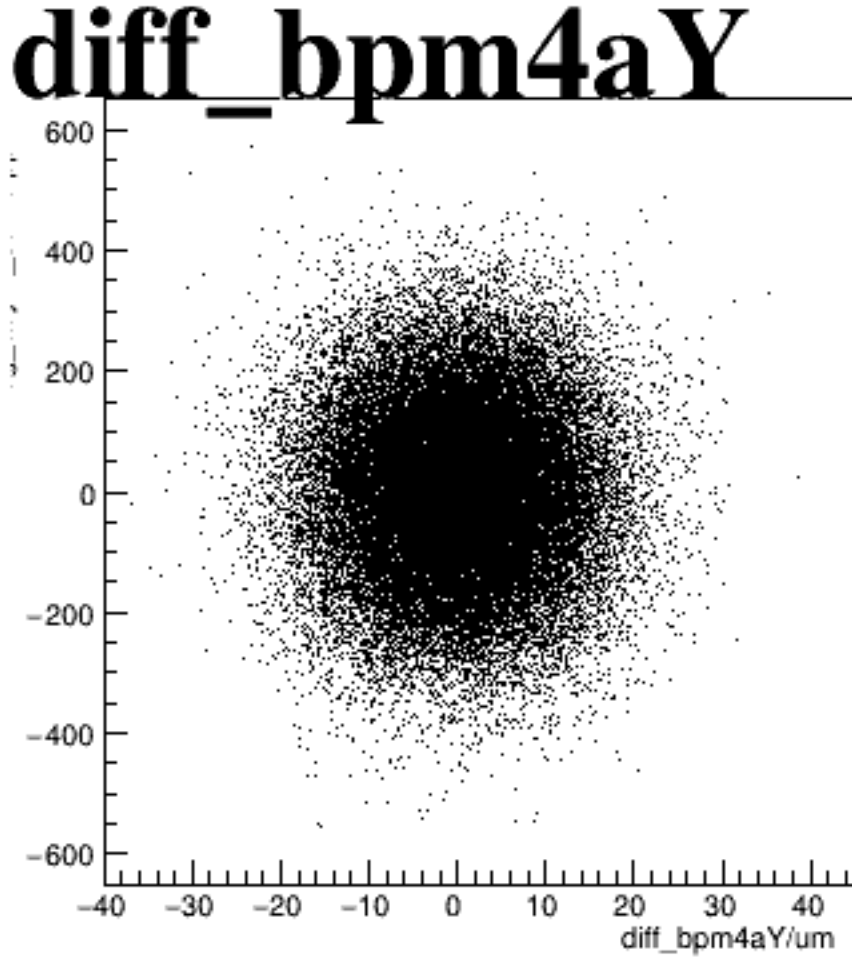
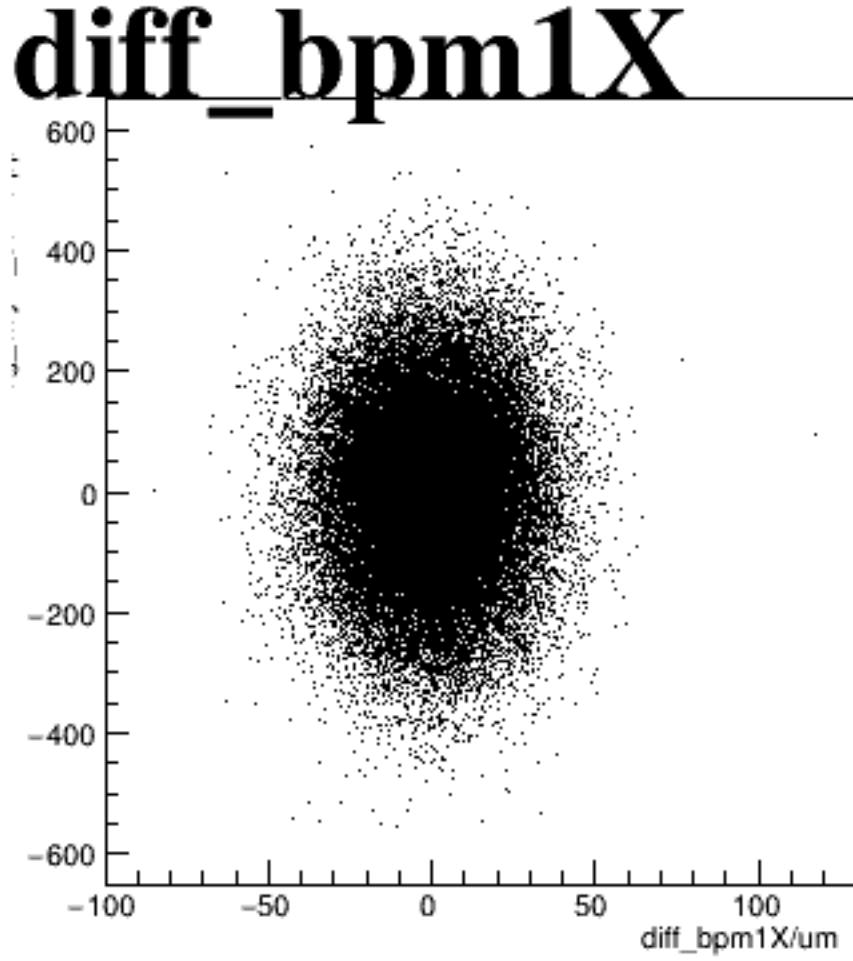
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

