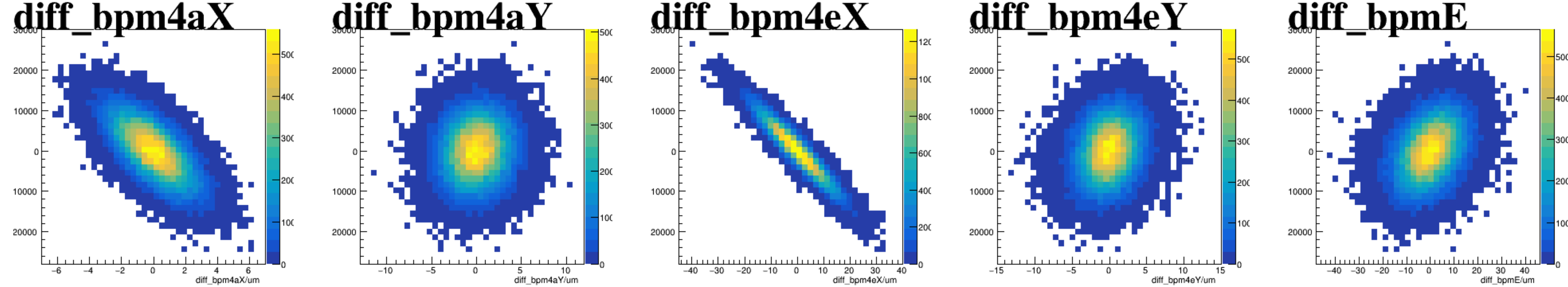
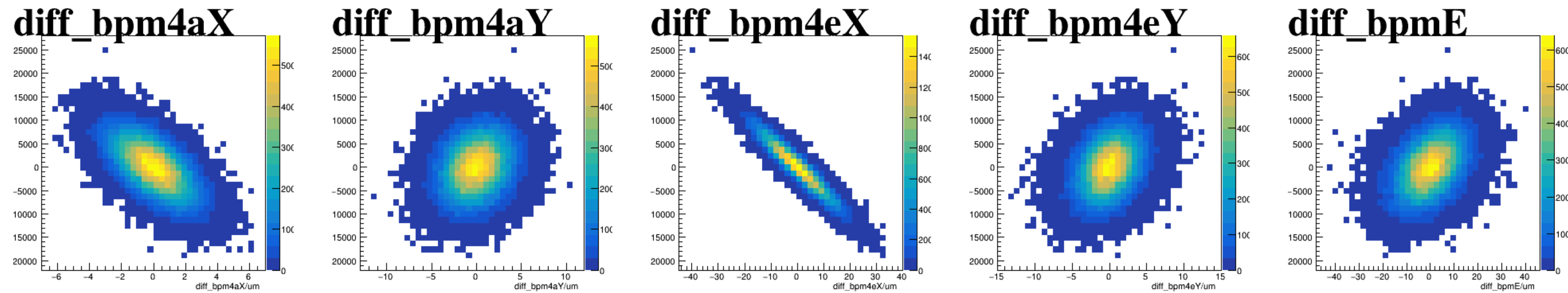


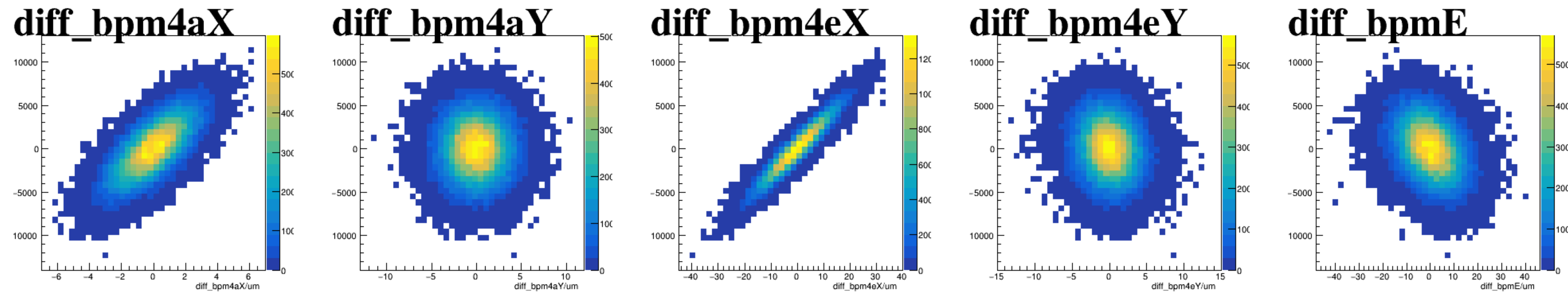
asym_sam2



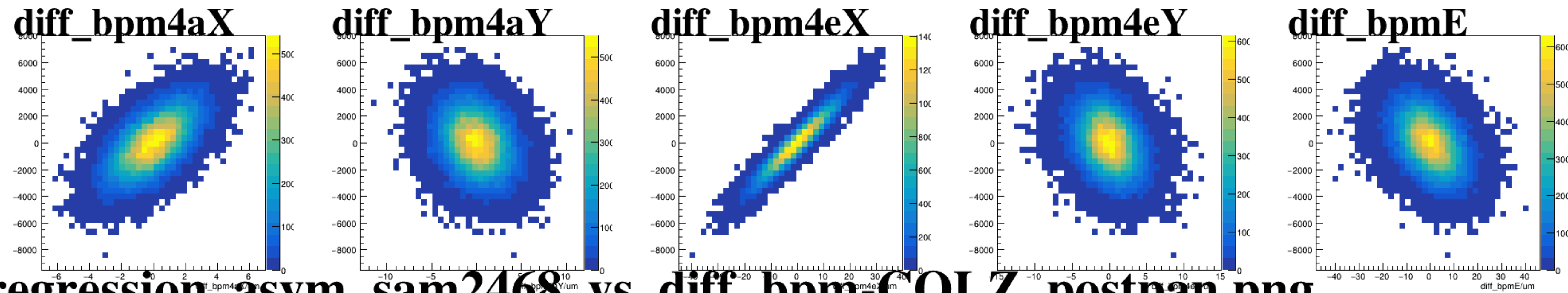
asym_sam4



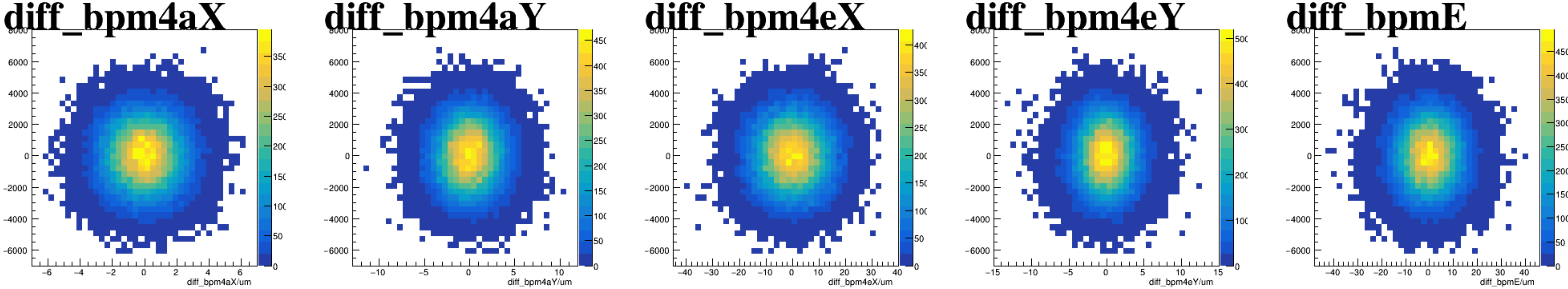
asym_sam6



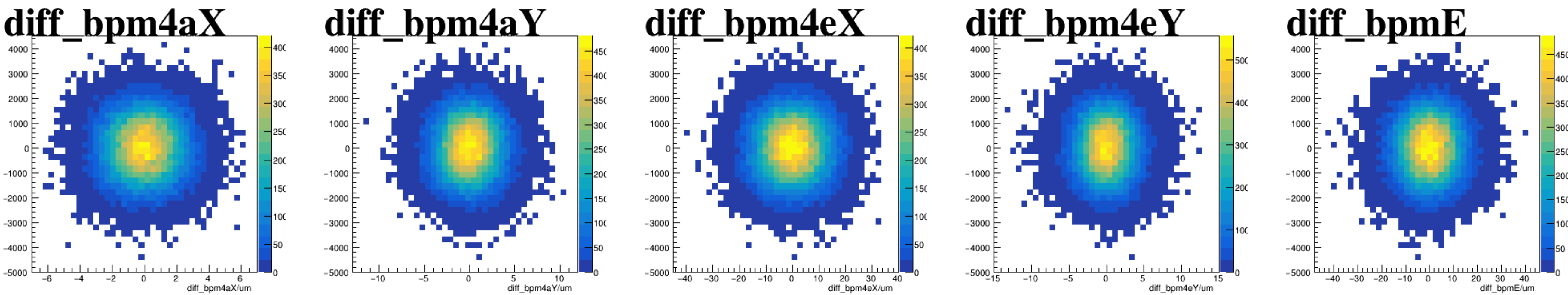
asym_sam8



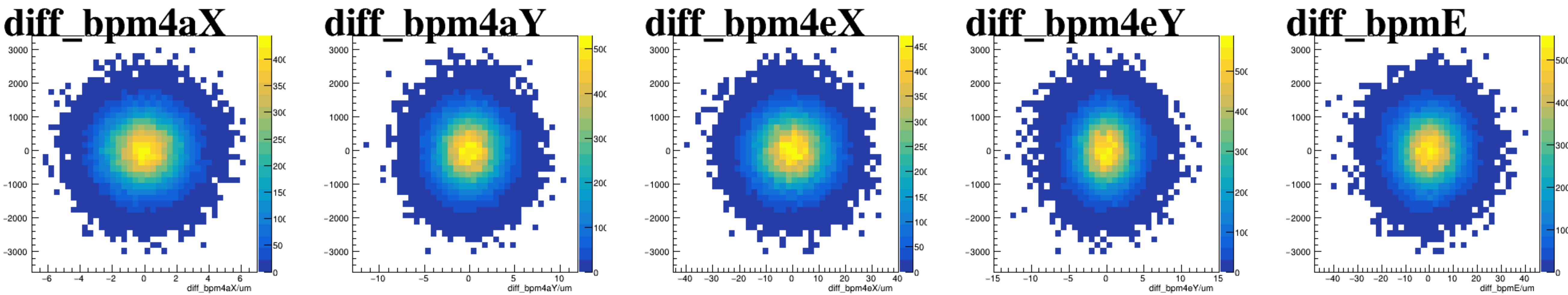
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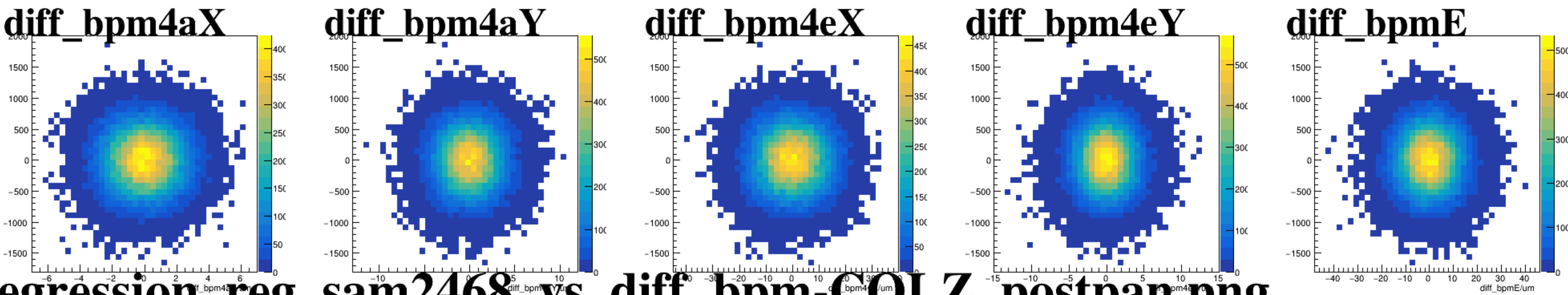
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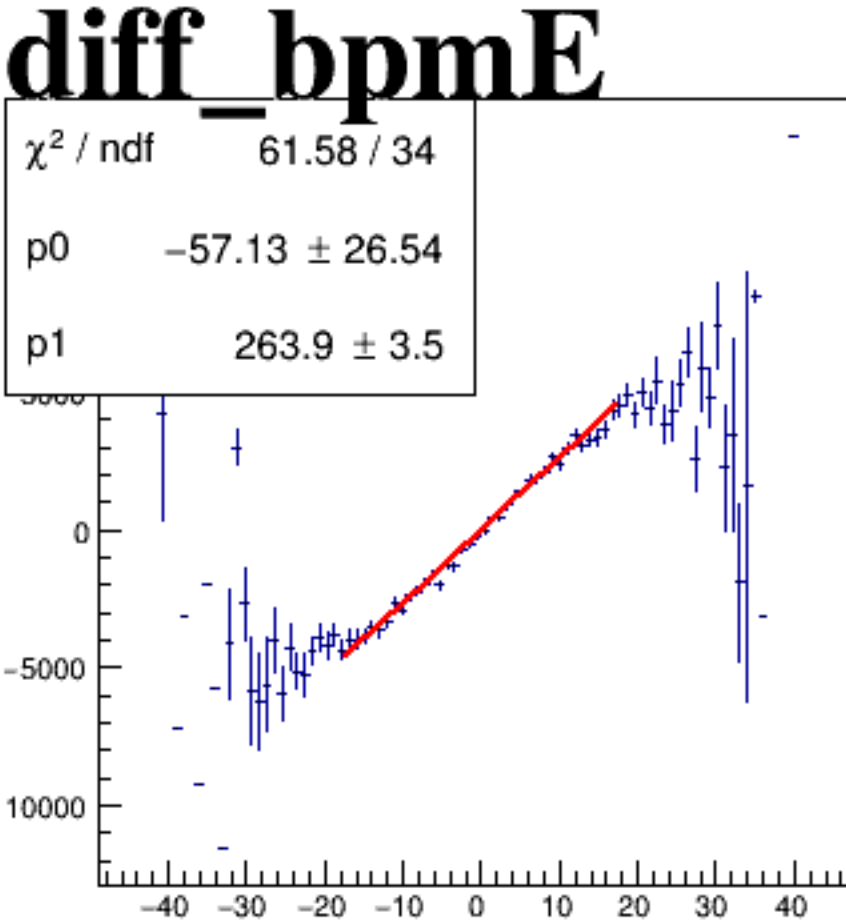
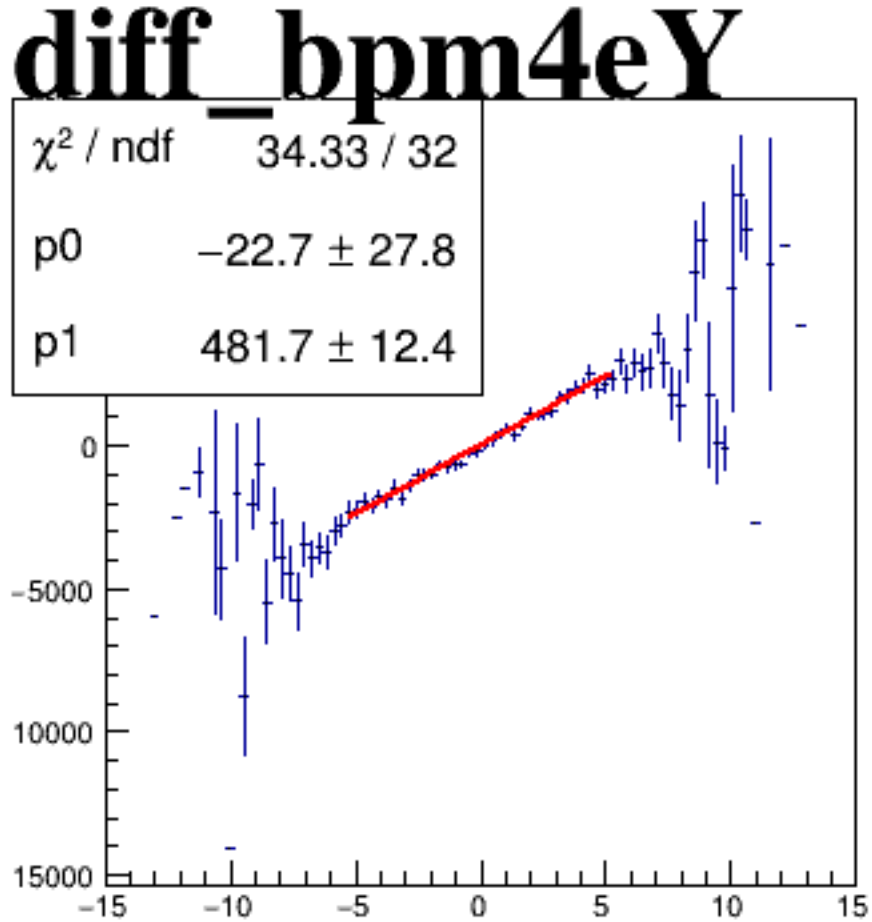
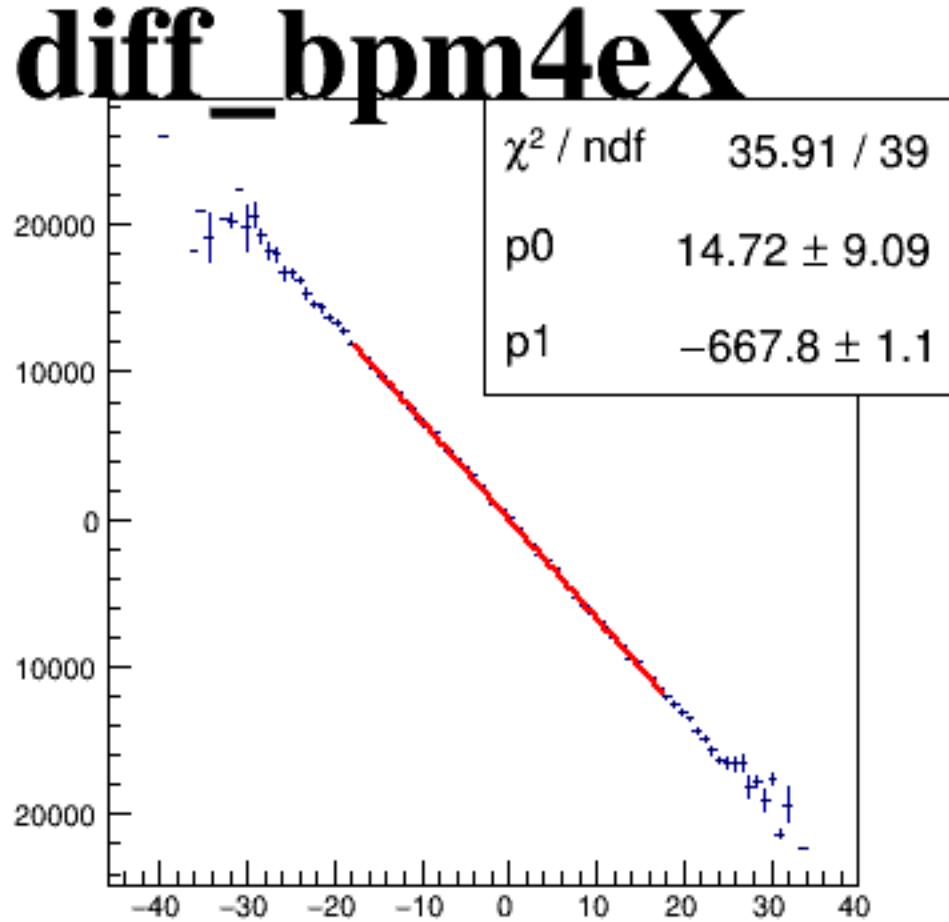
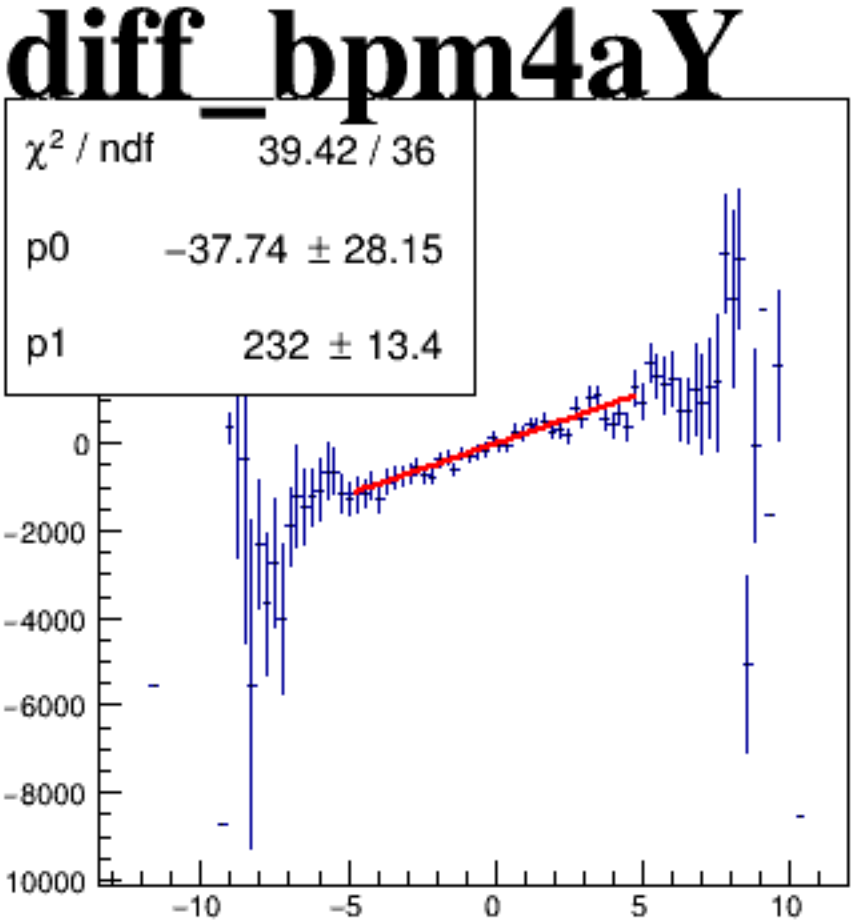
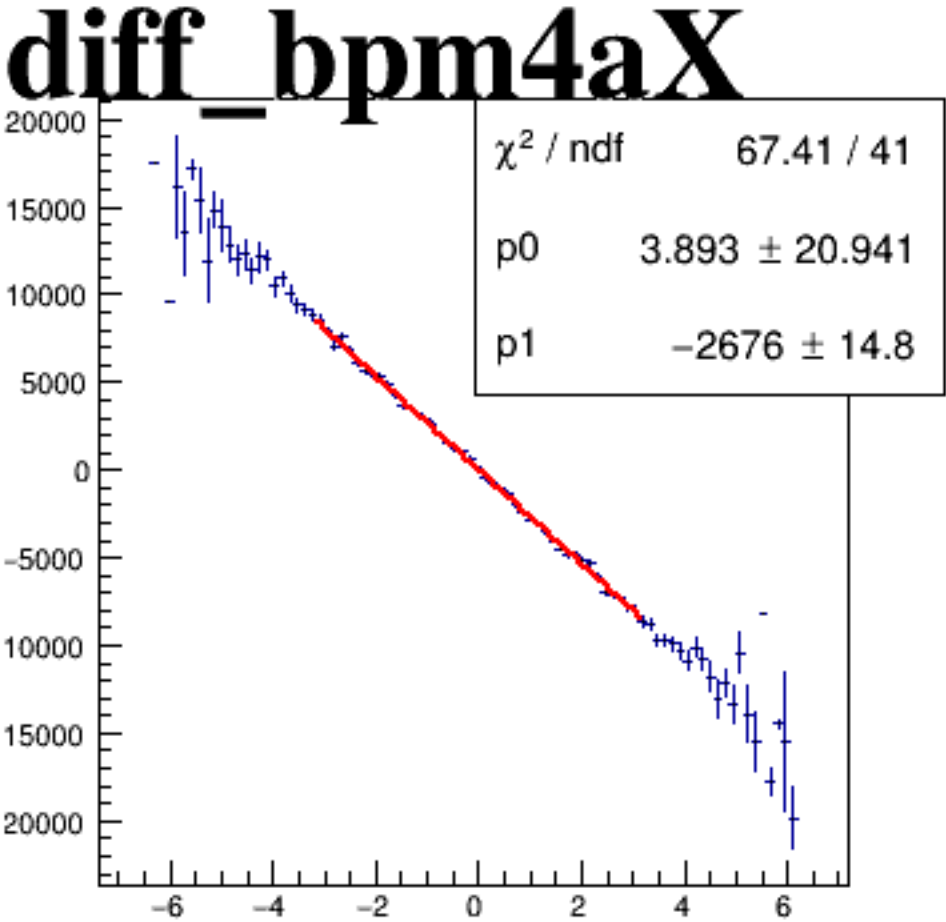
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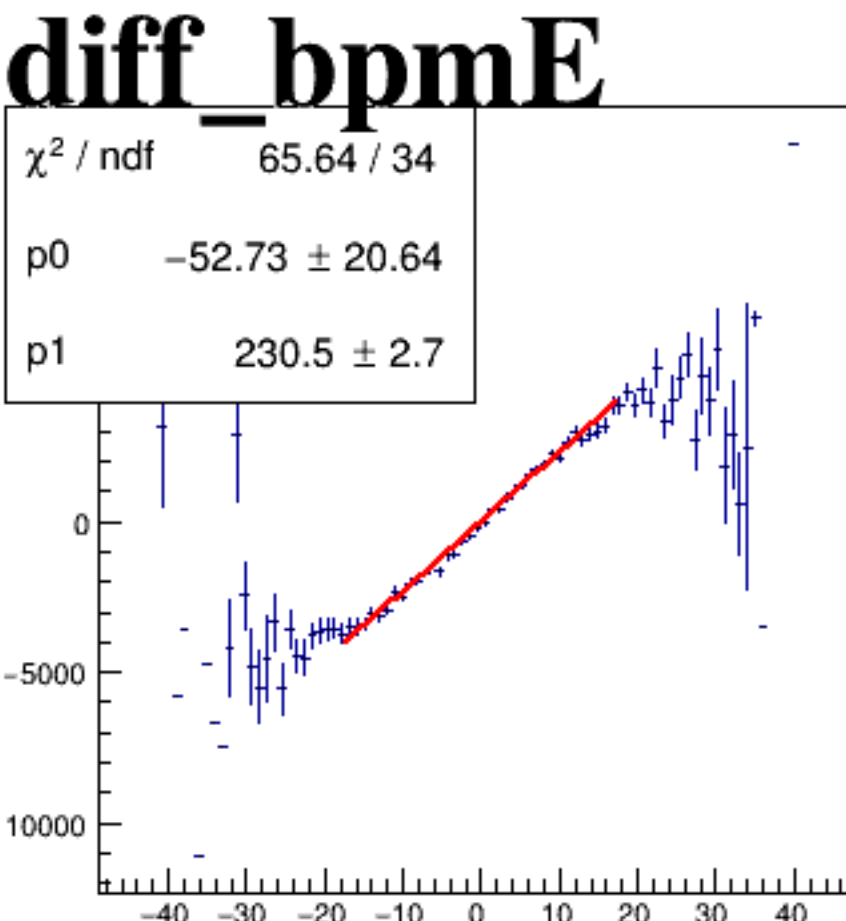
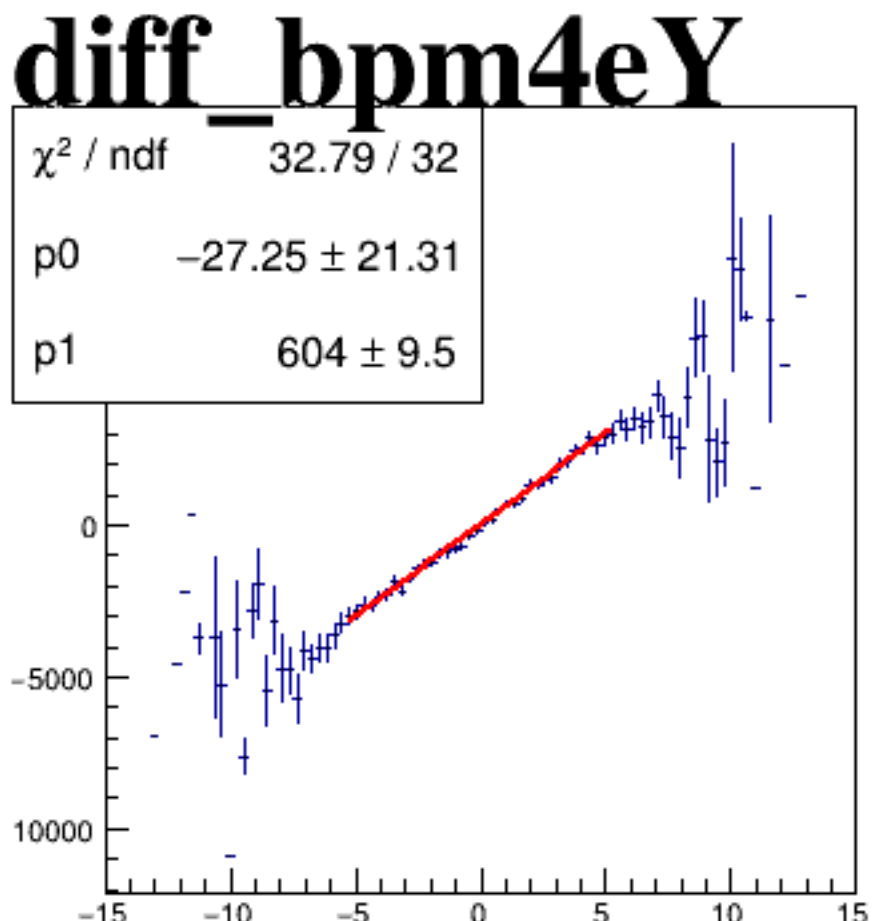
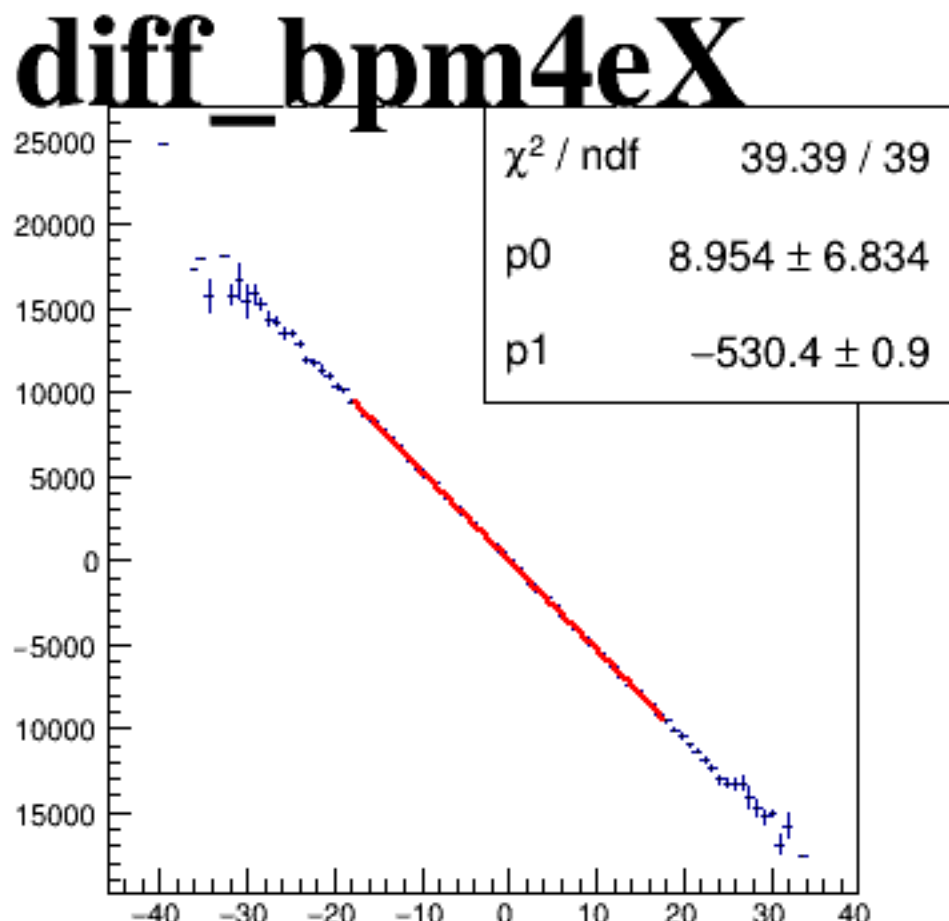
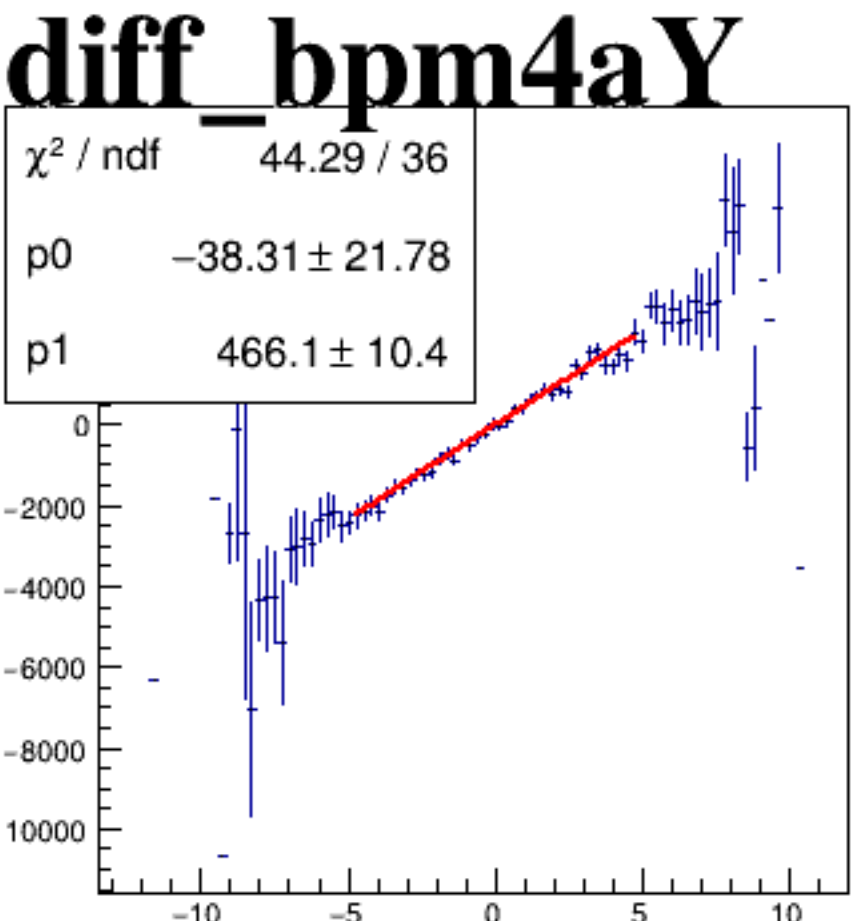
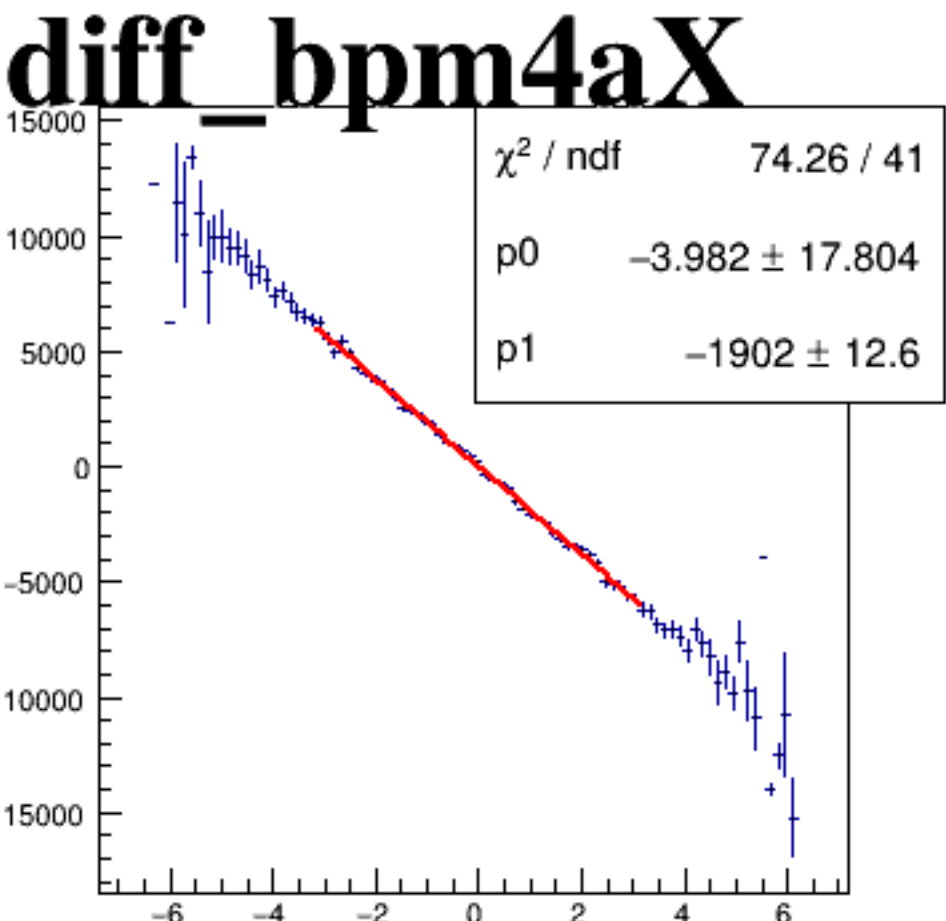
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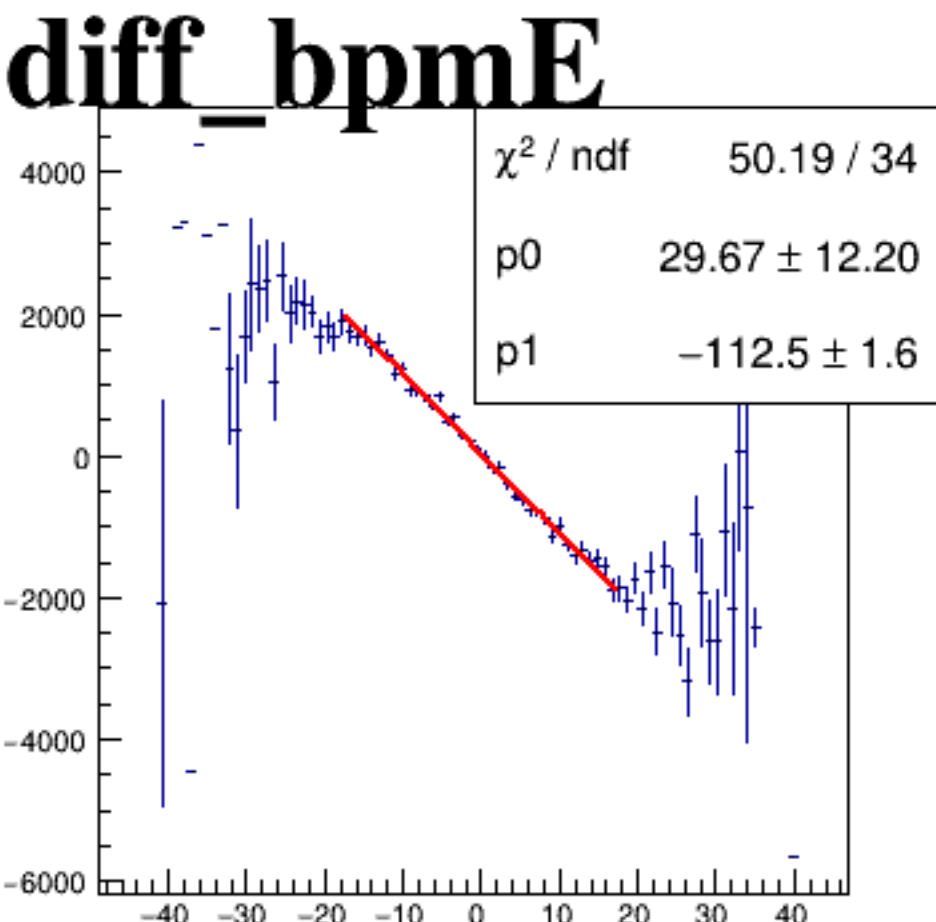
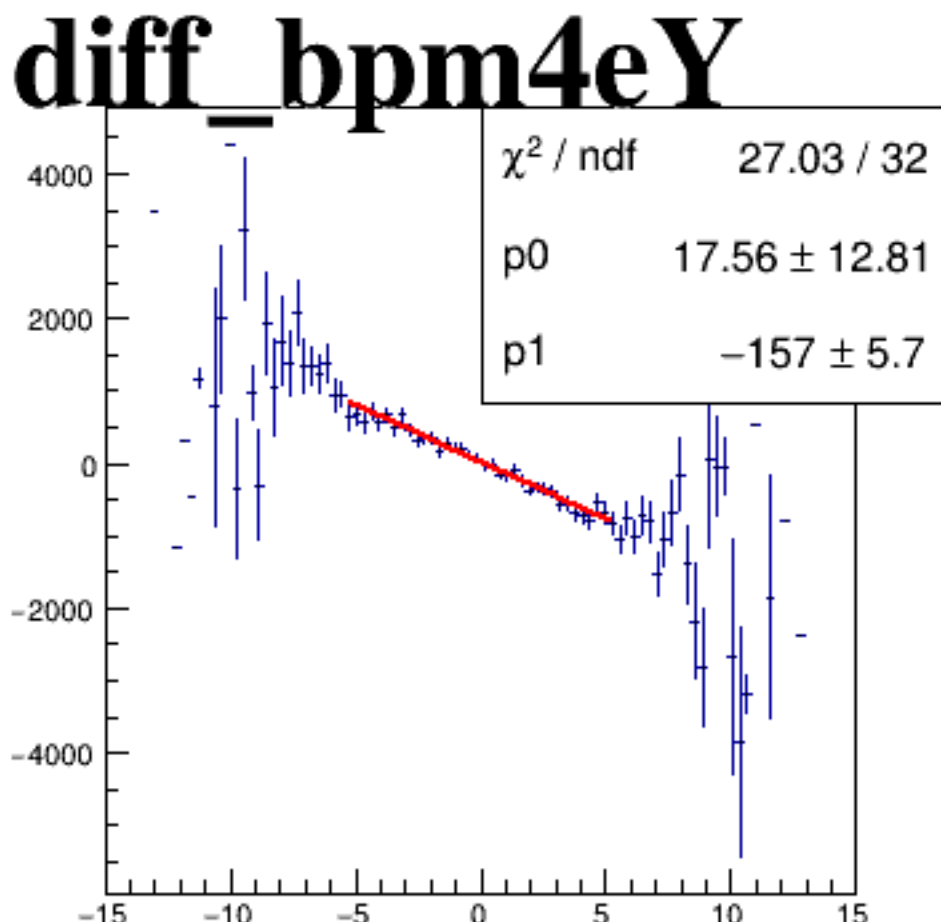
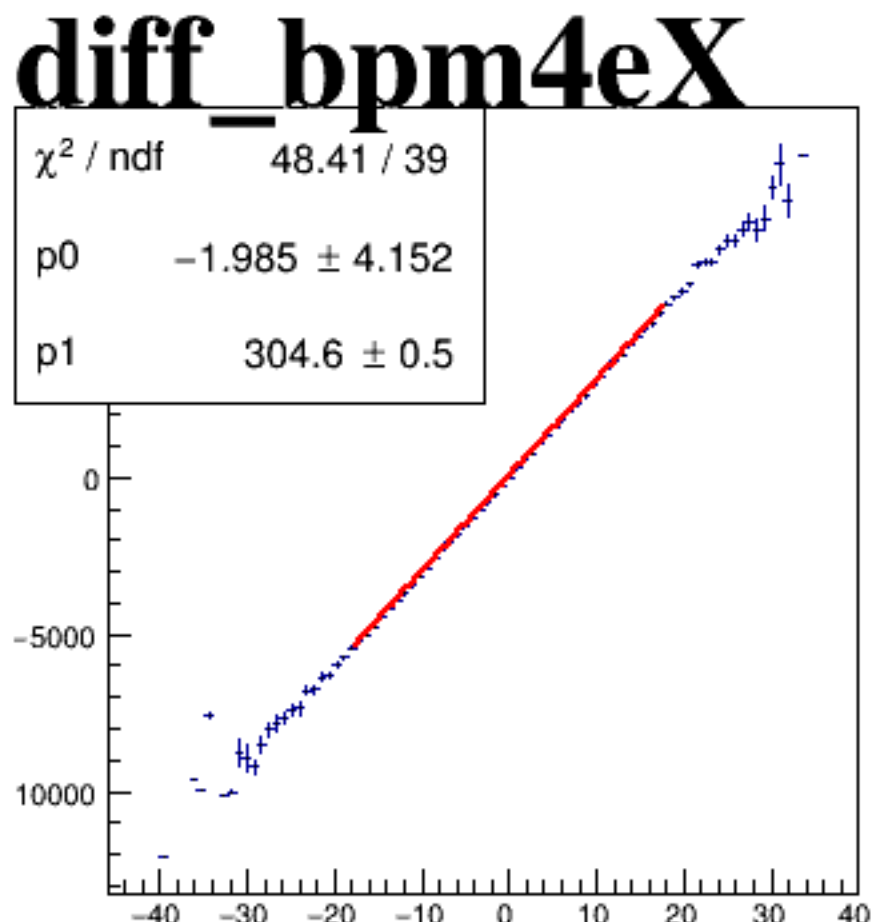
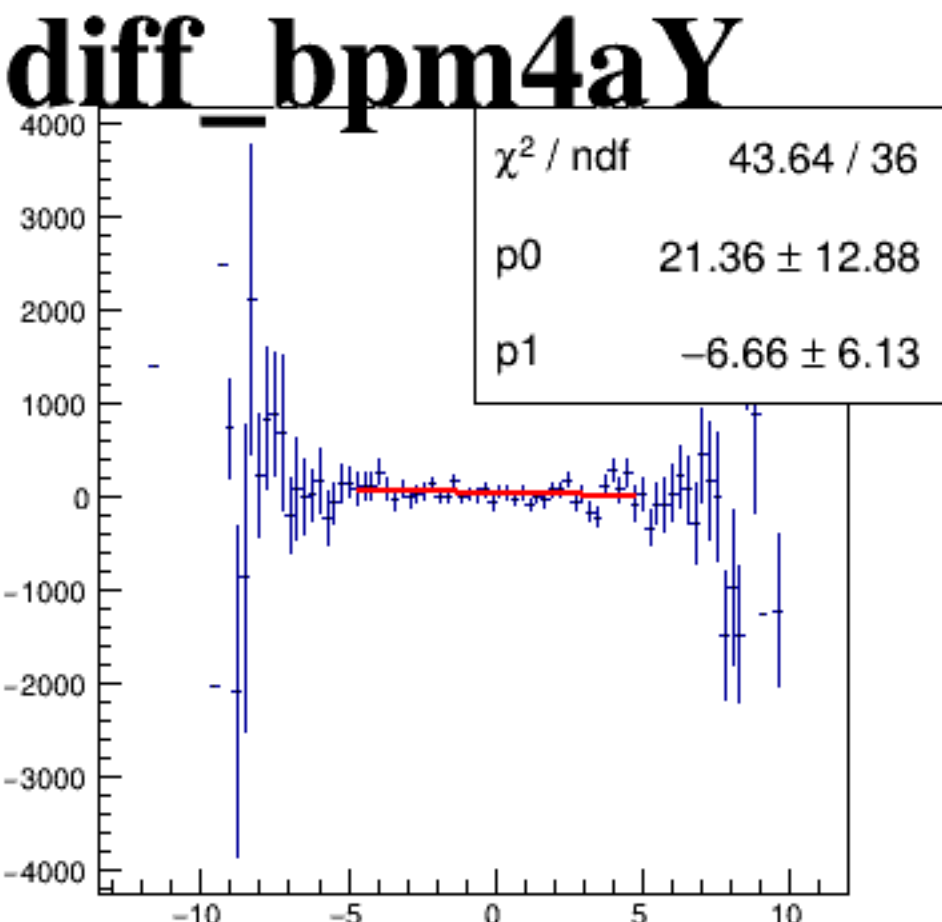
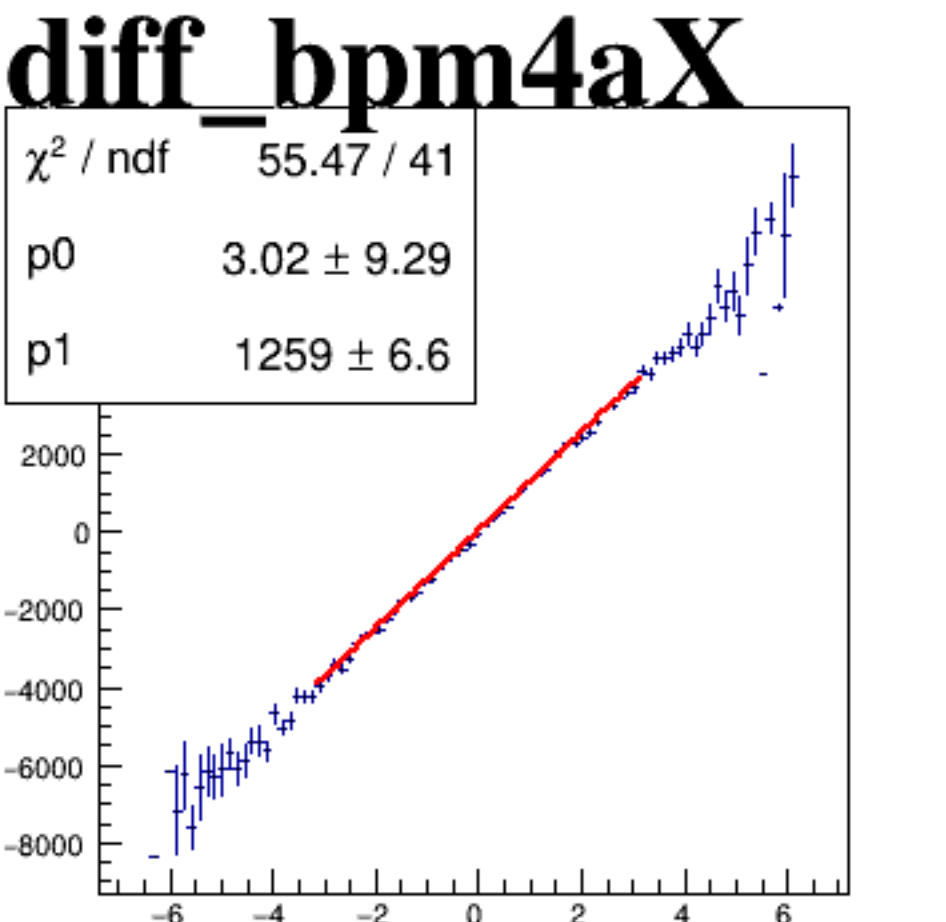
asym_sam2



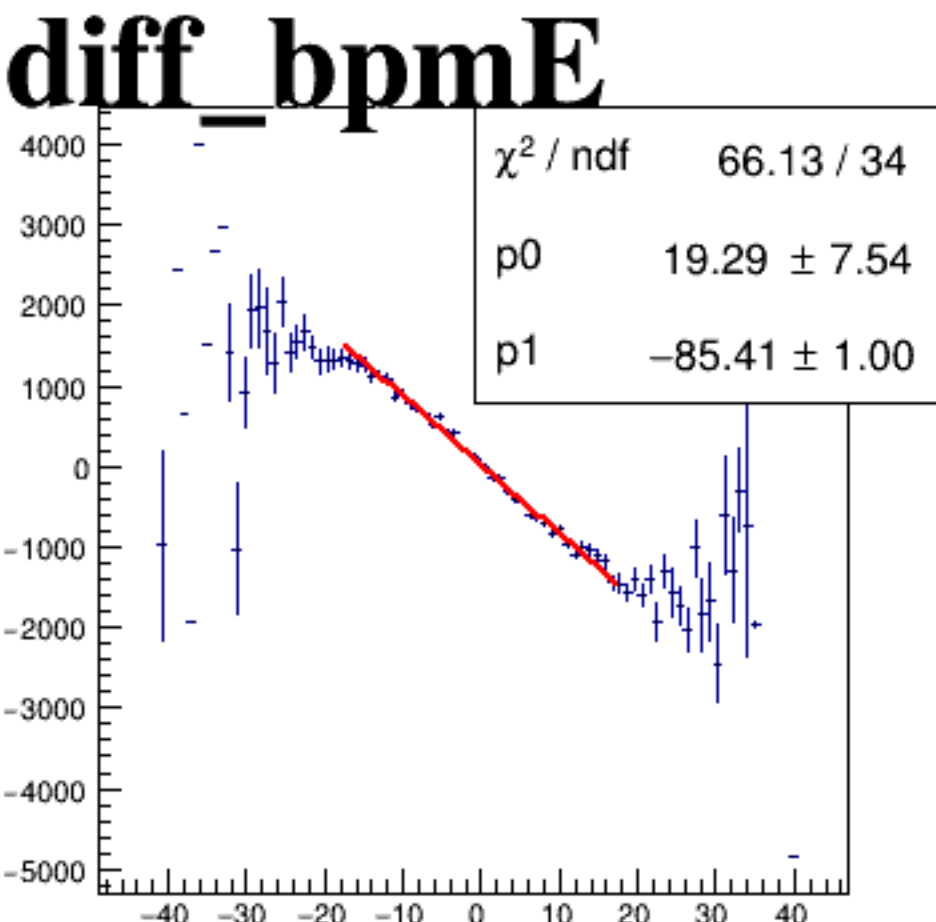
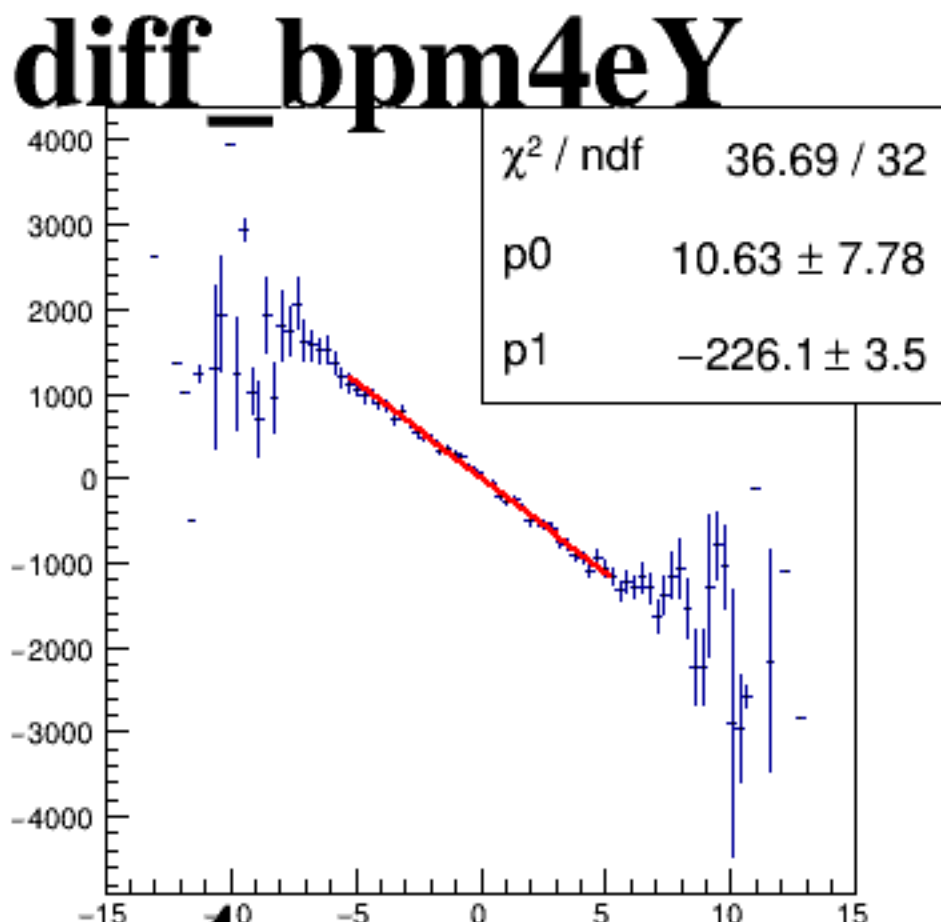
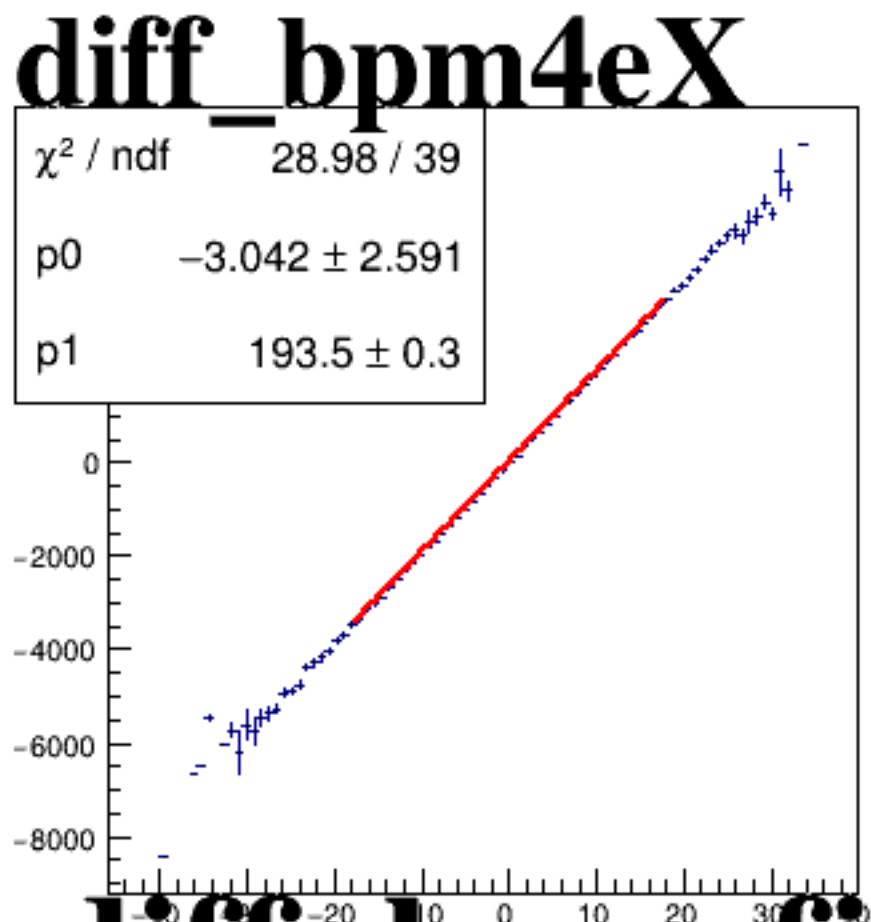
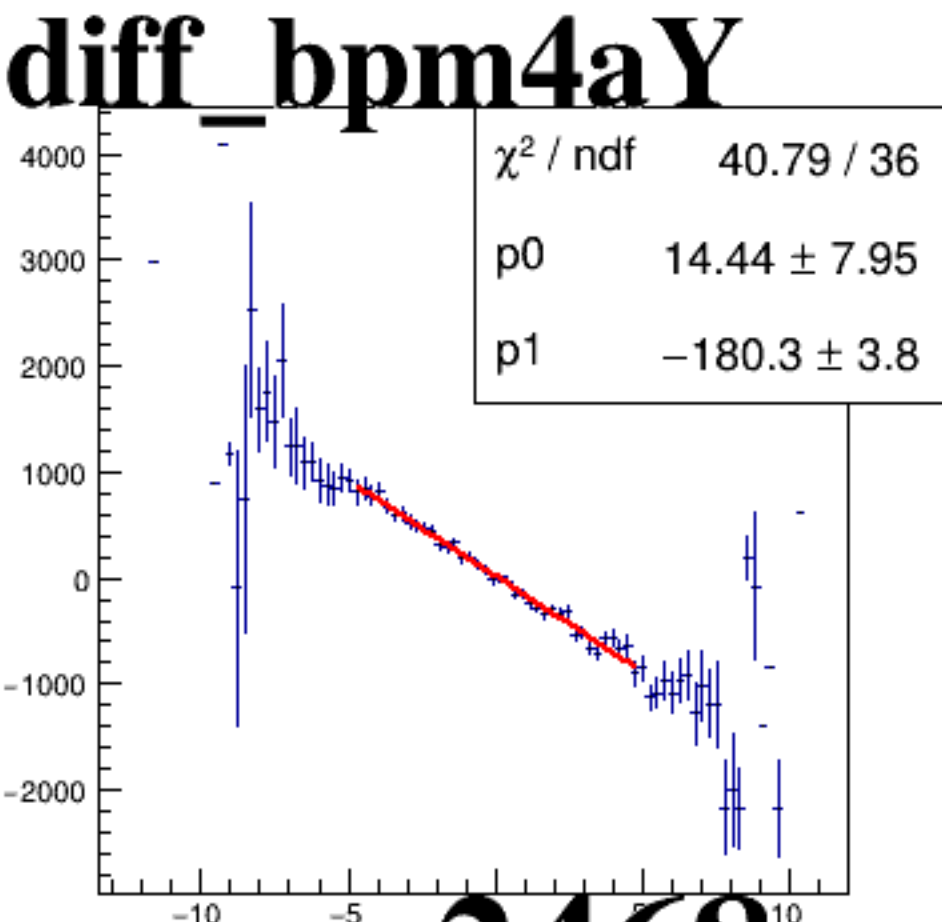
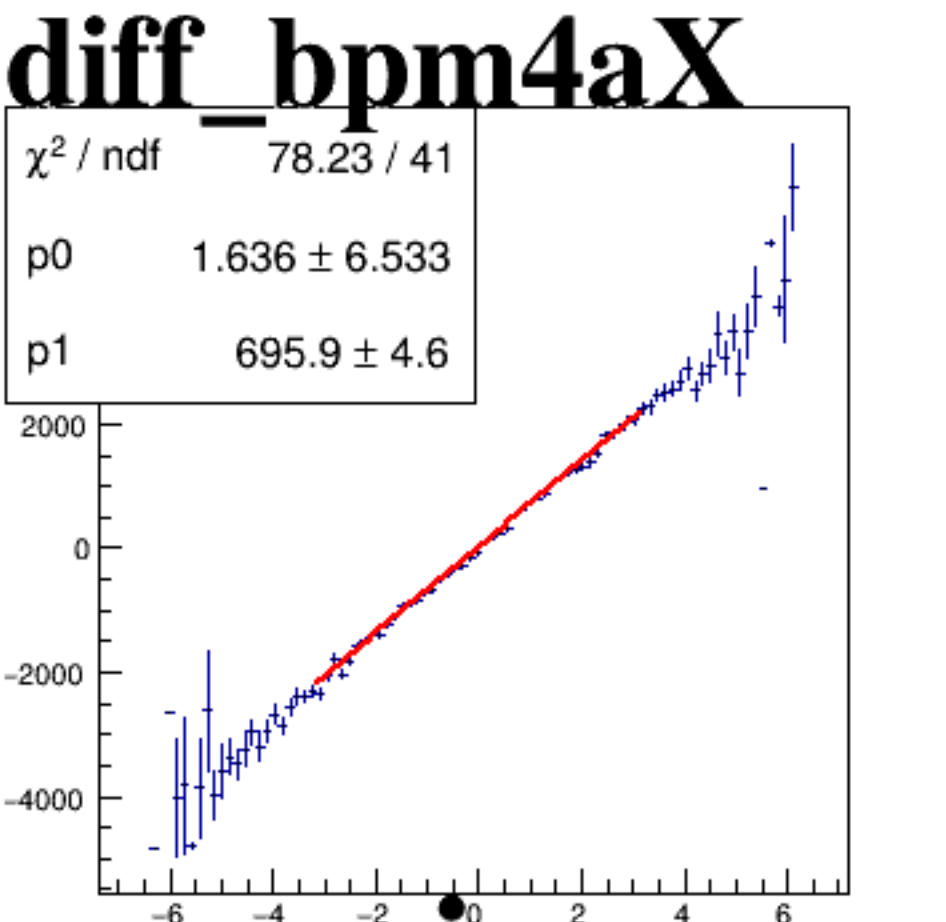
asym_sam4



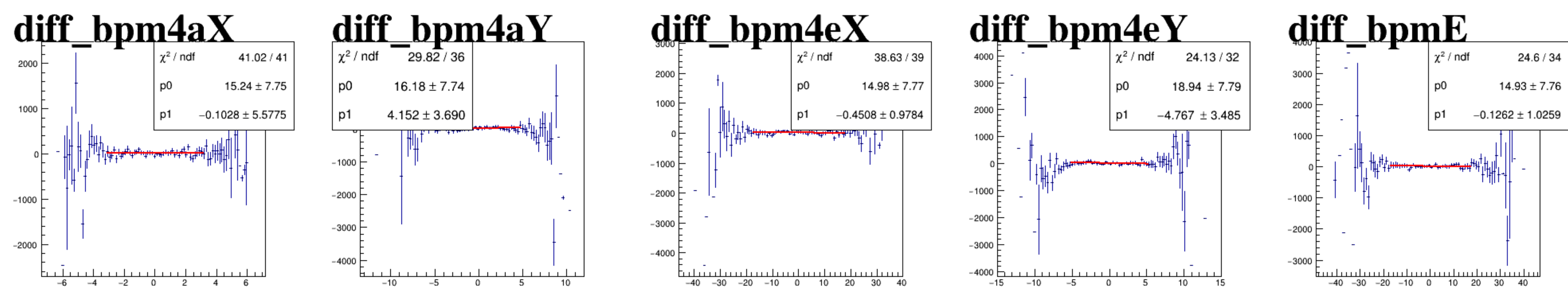
asym_sam6



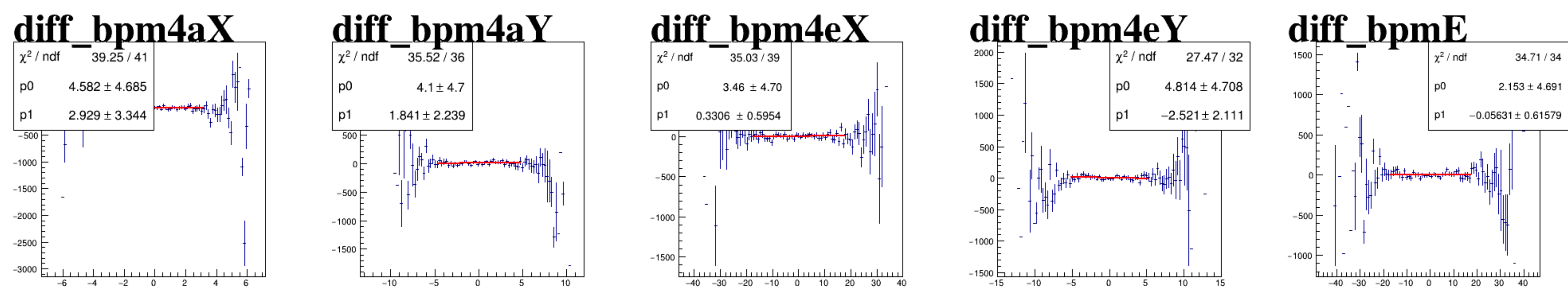
asym_sam8



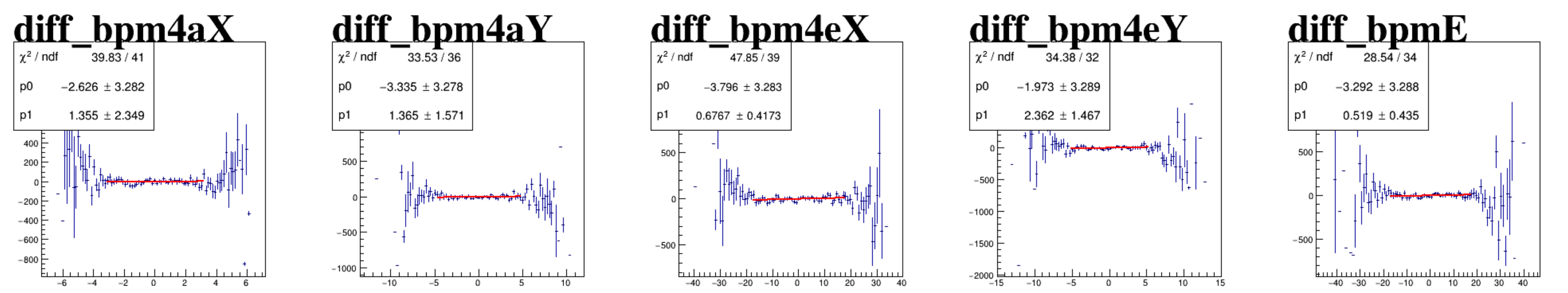
reg_asym_sam2



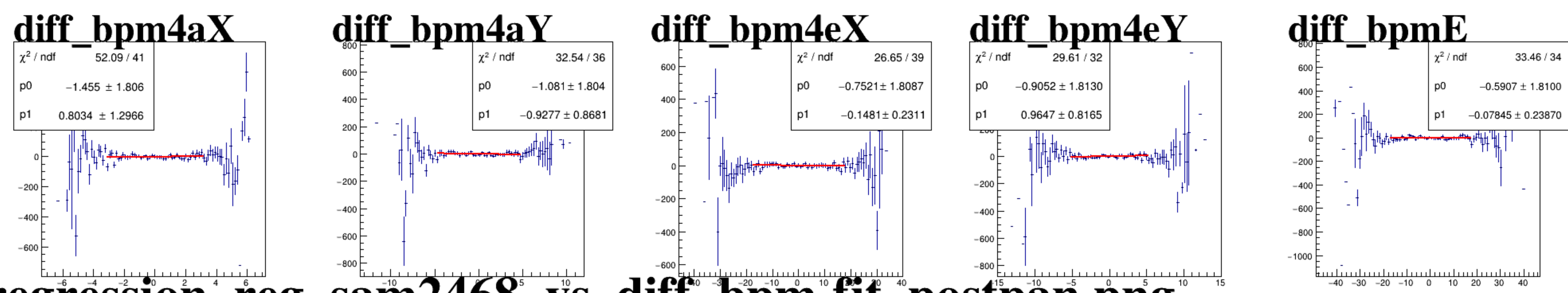
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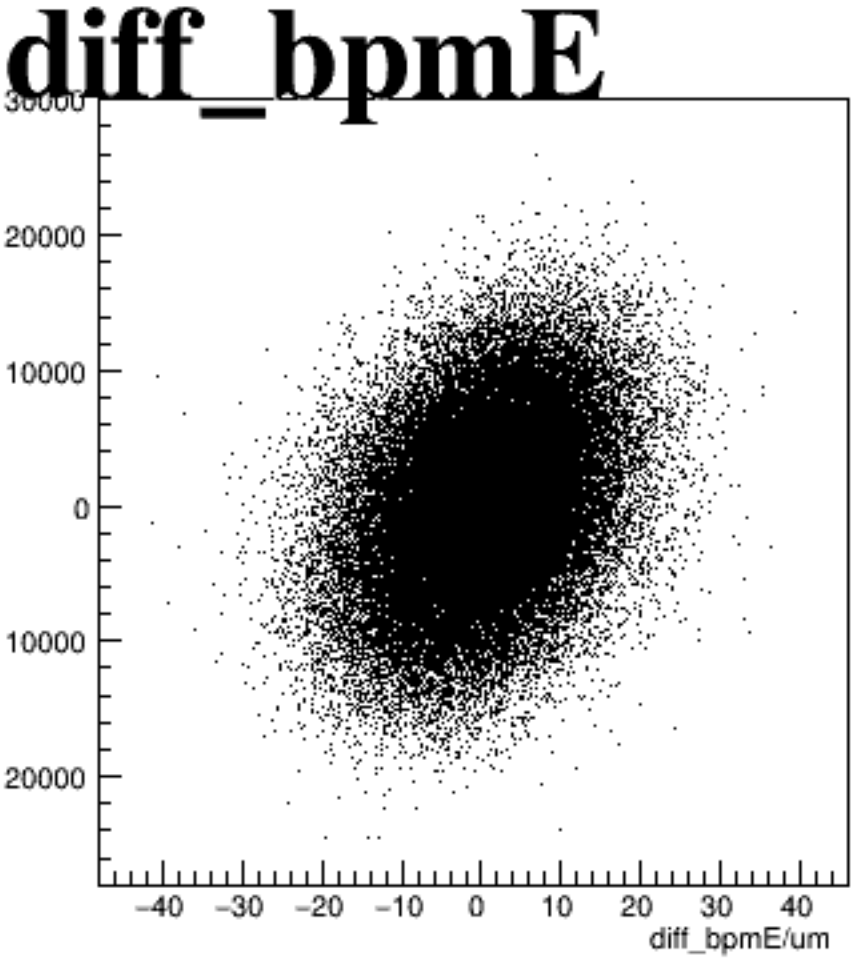
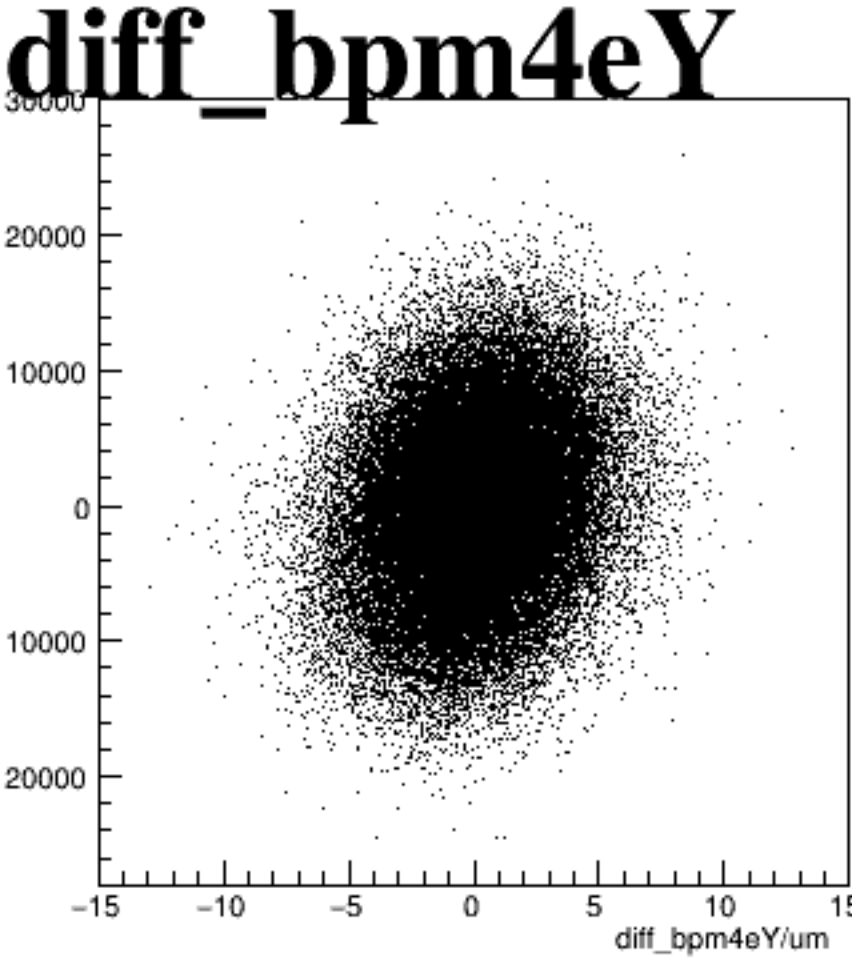
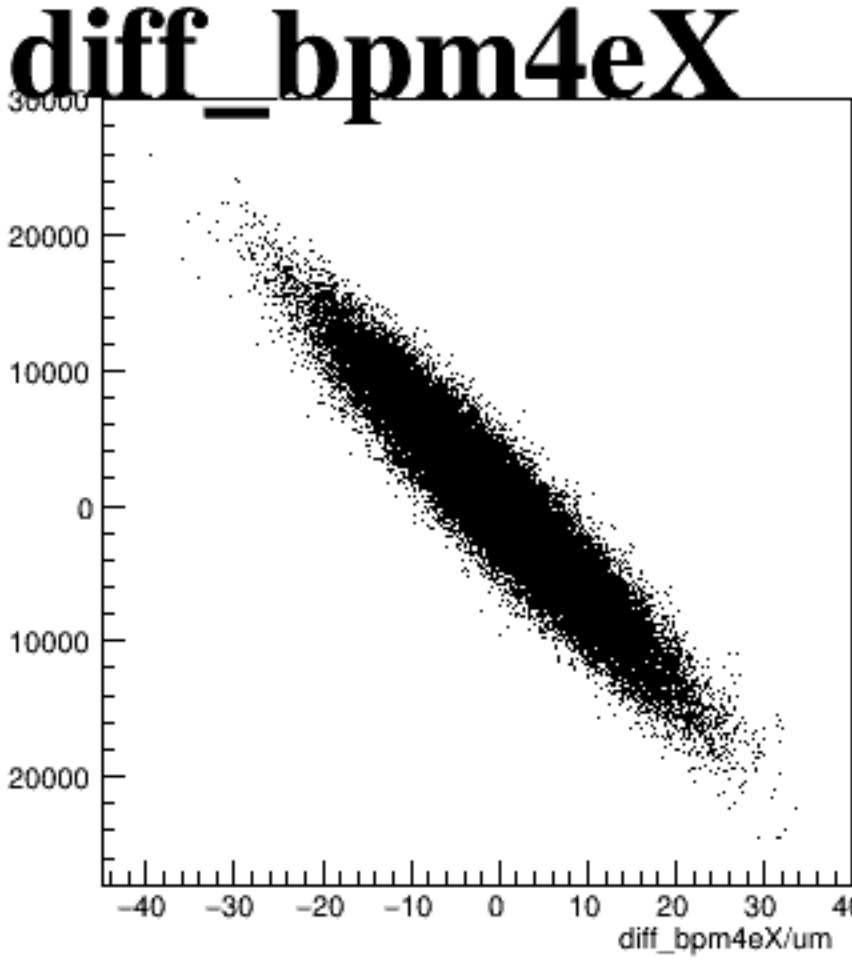
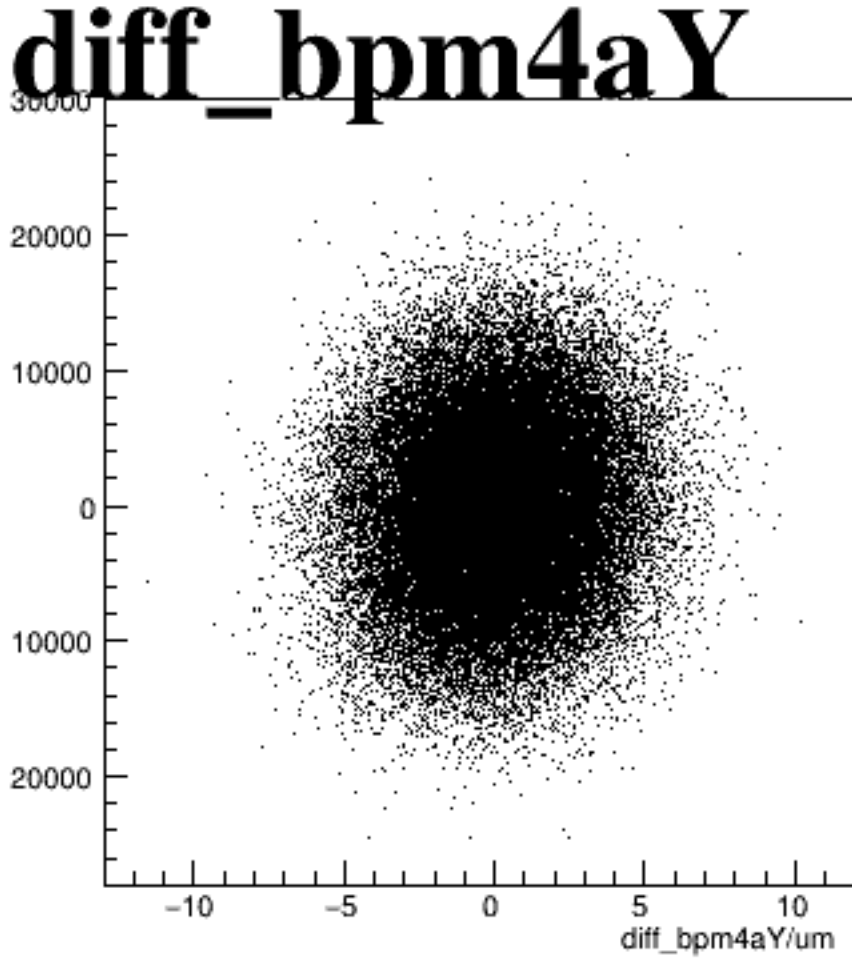
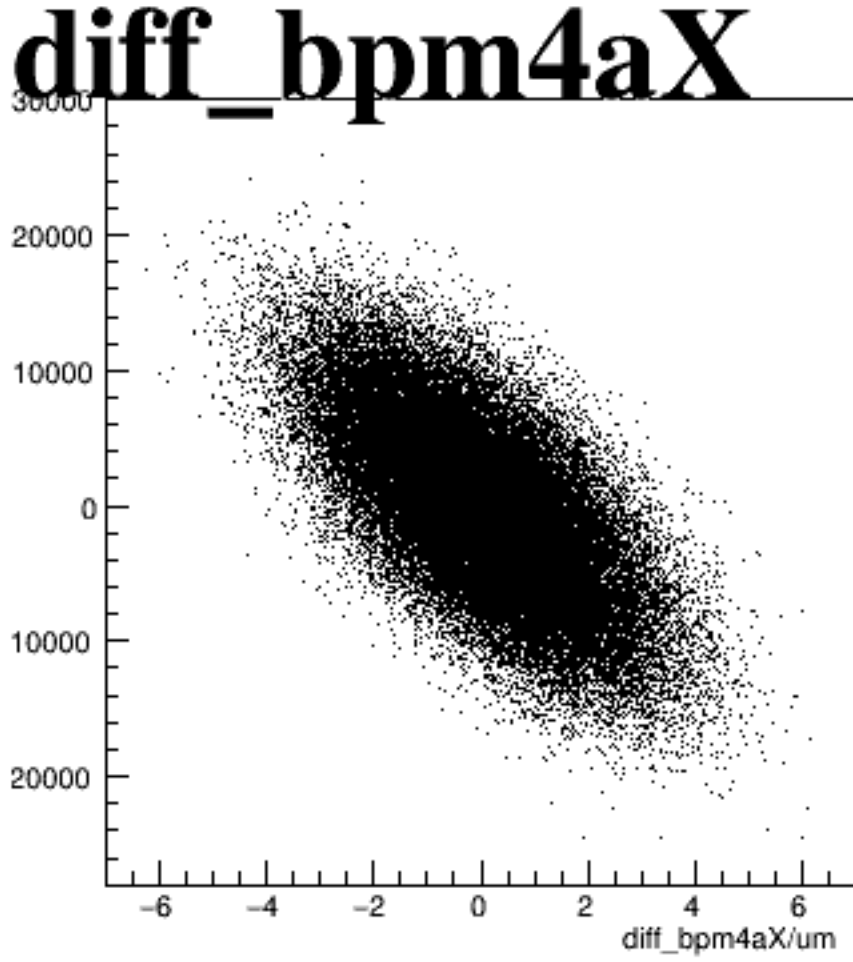
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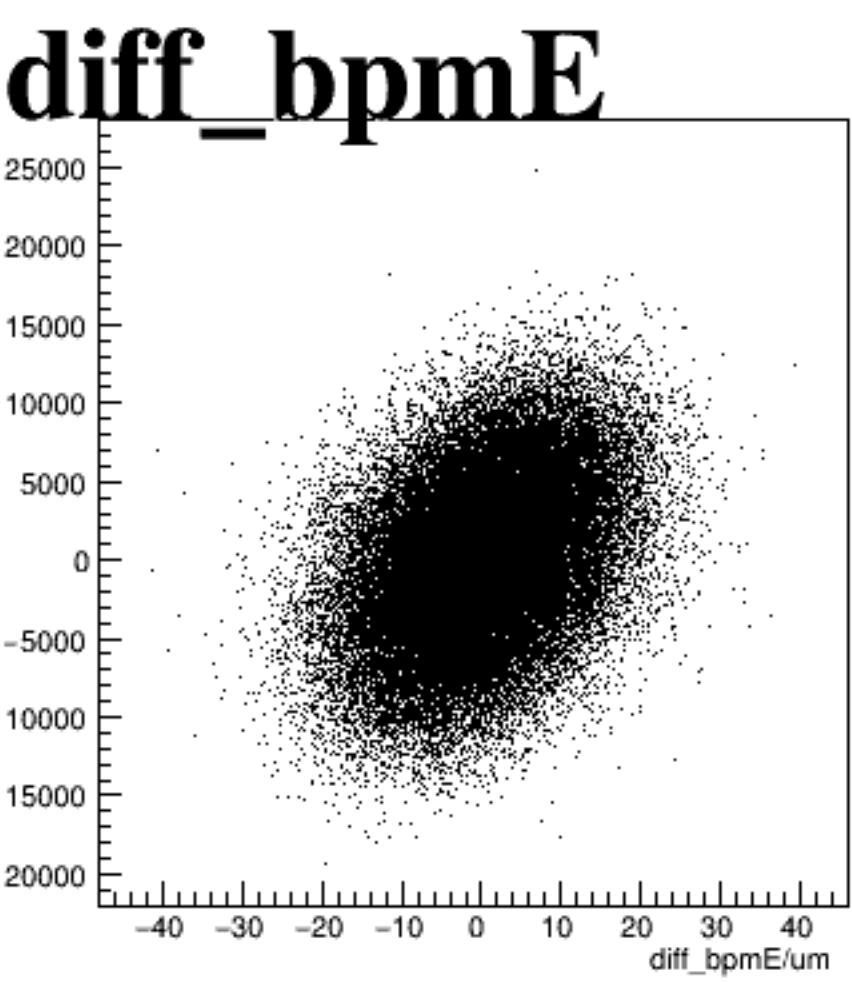
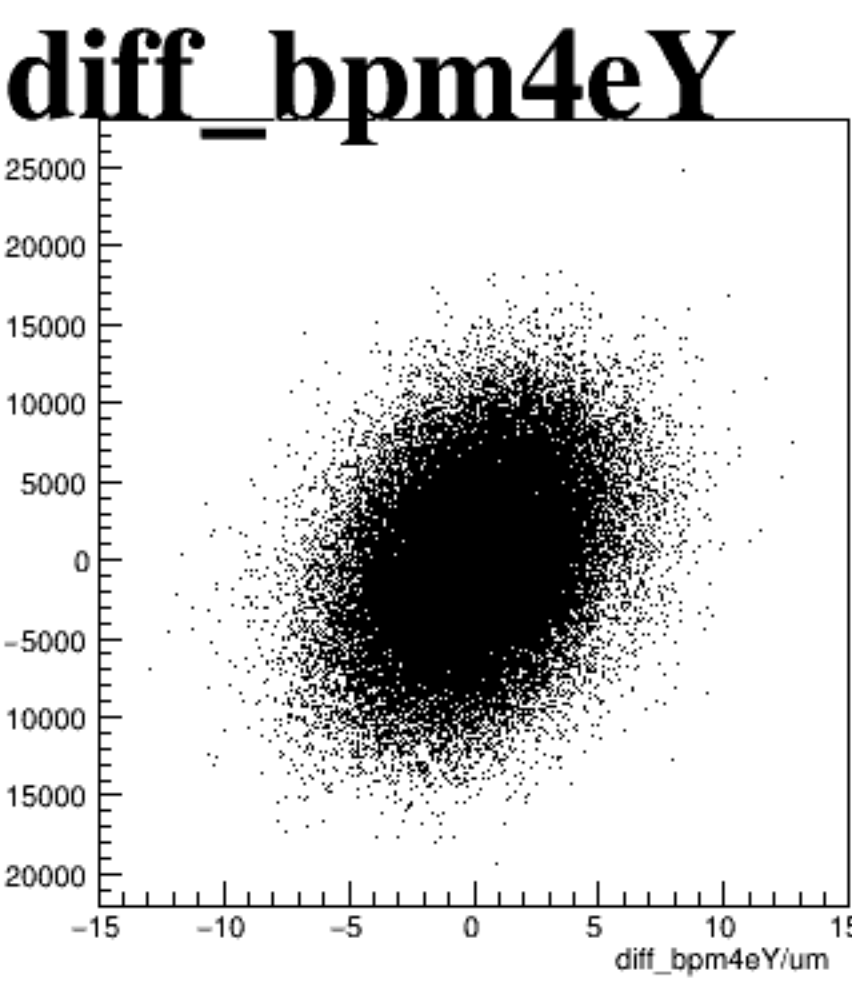
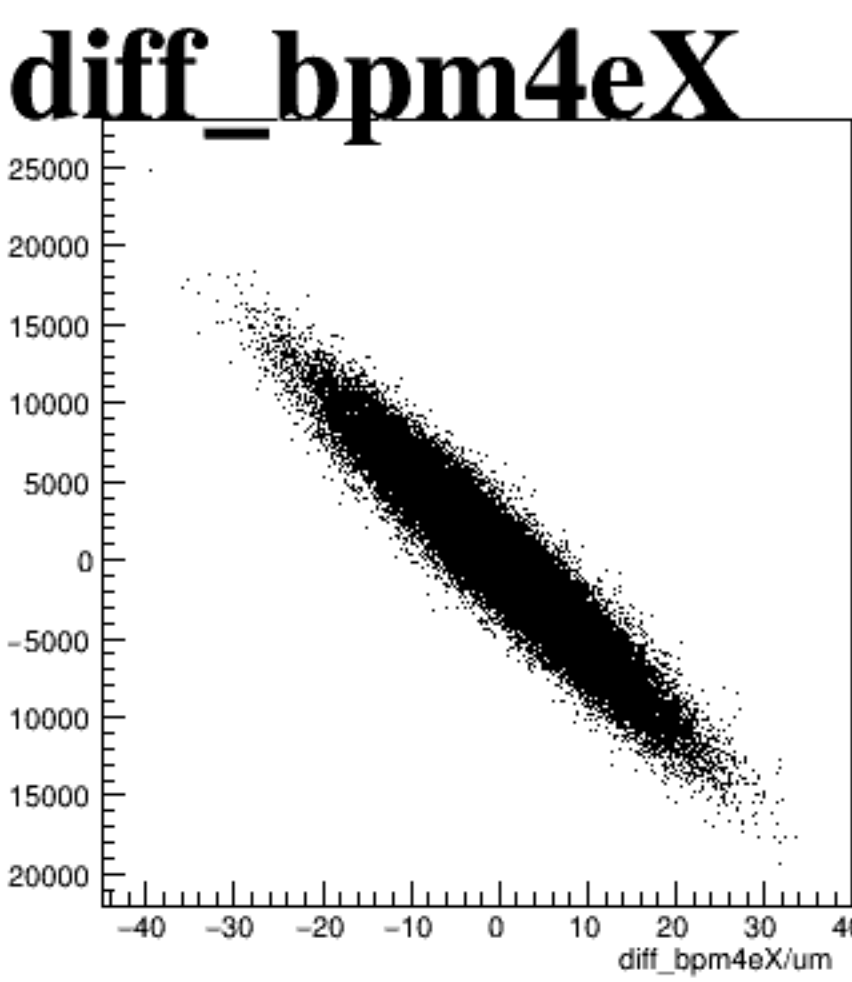
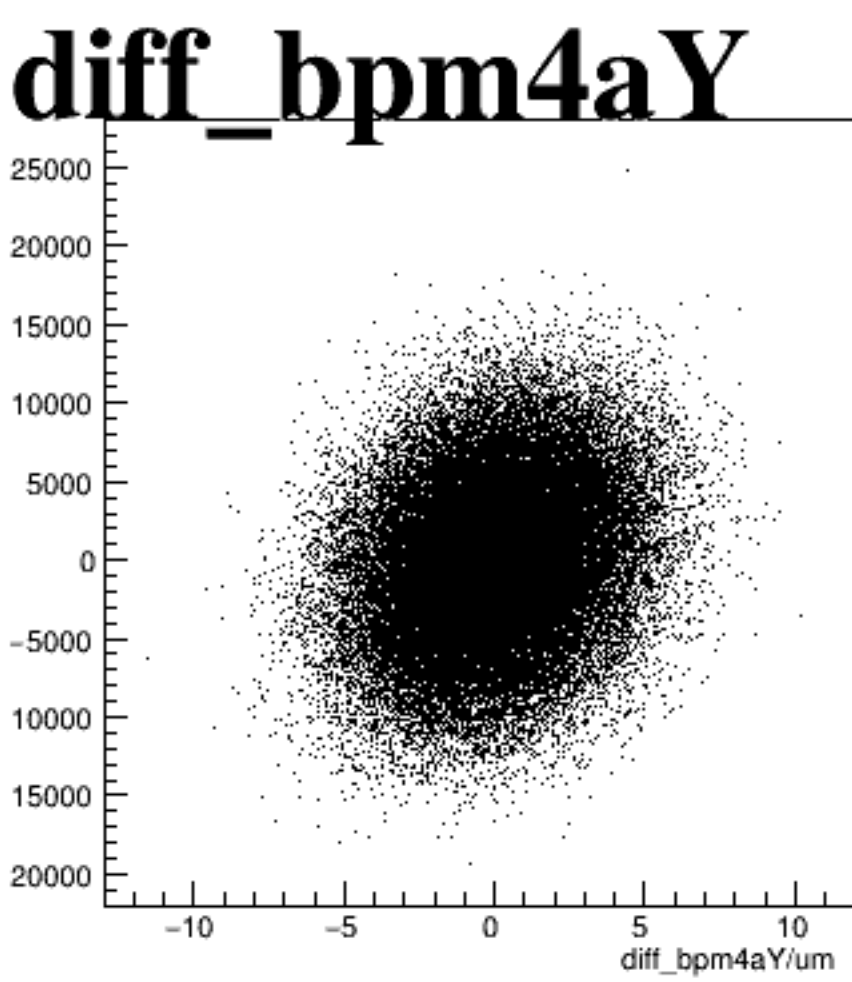
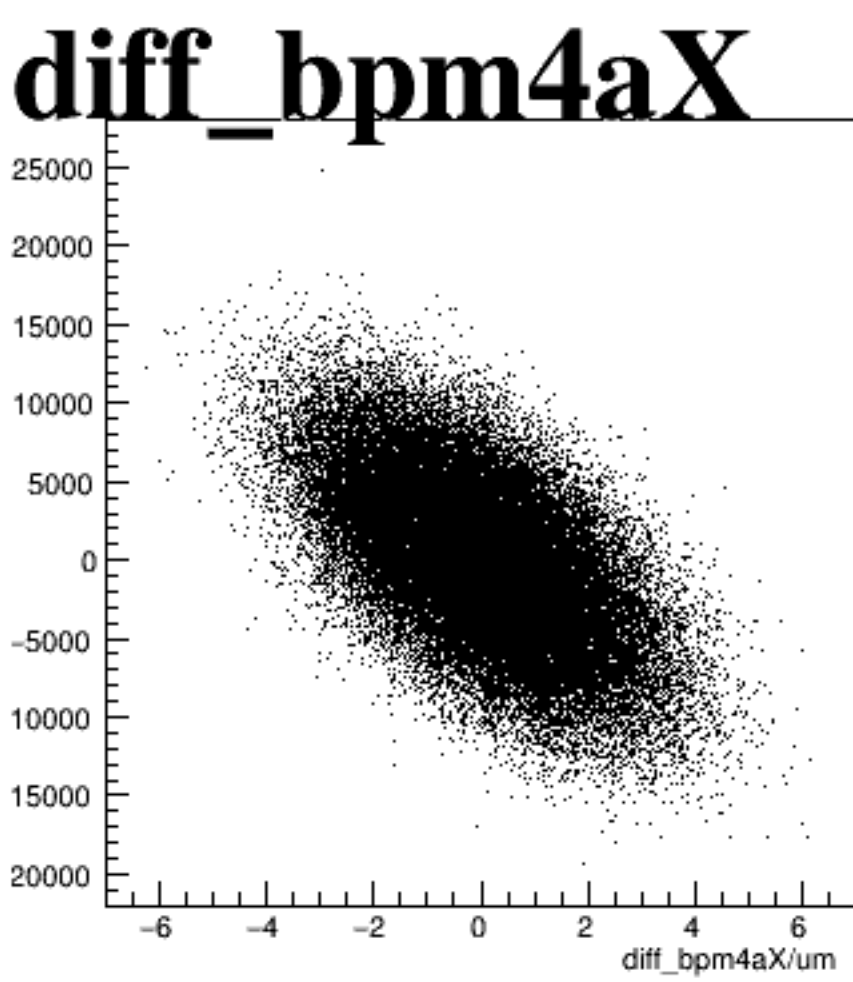
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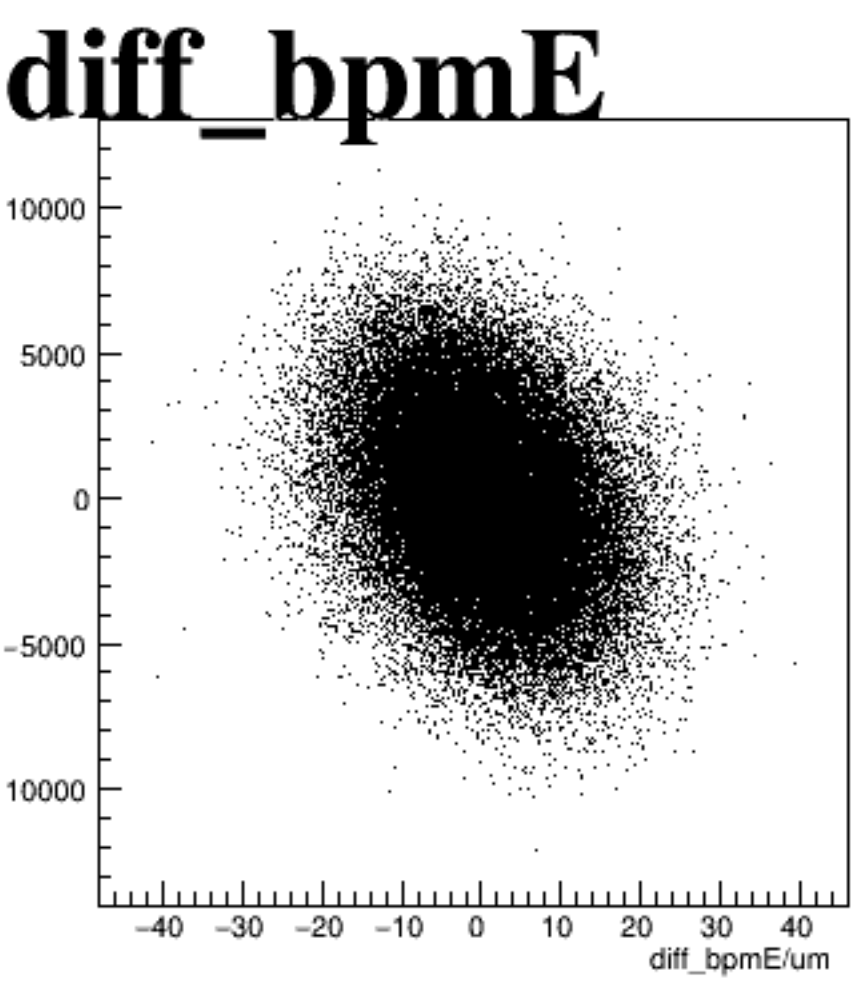
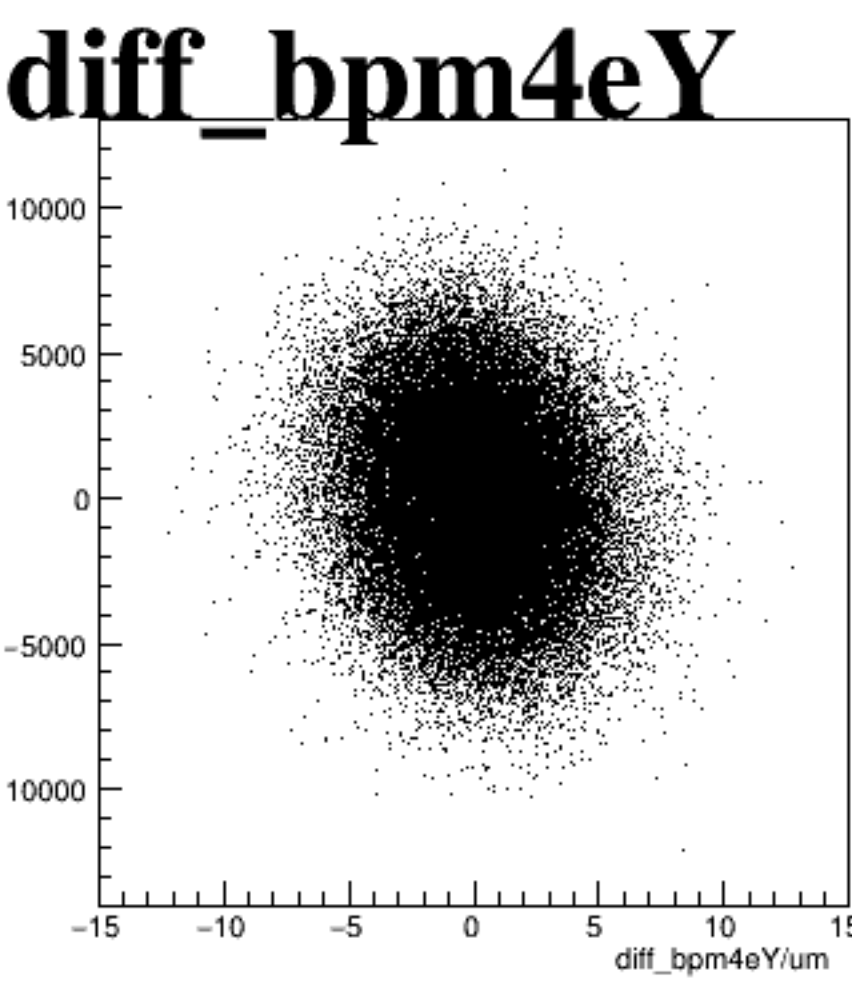
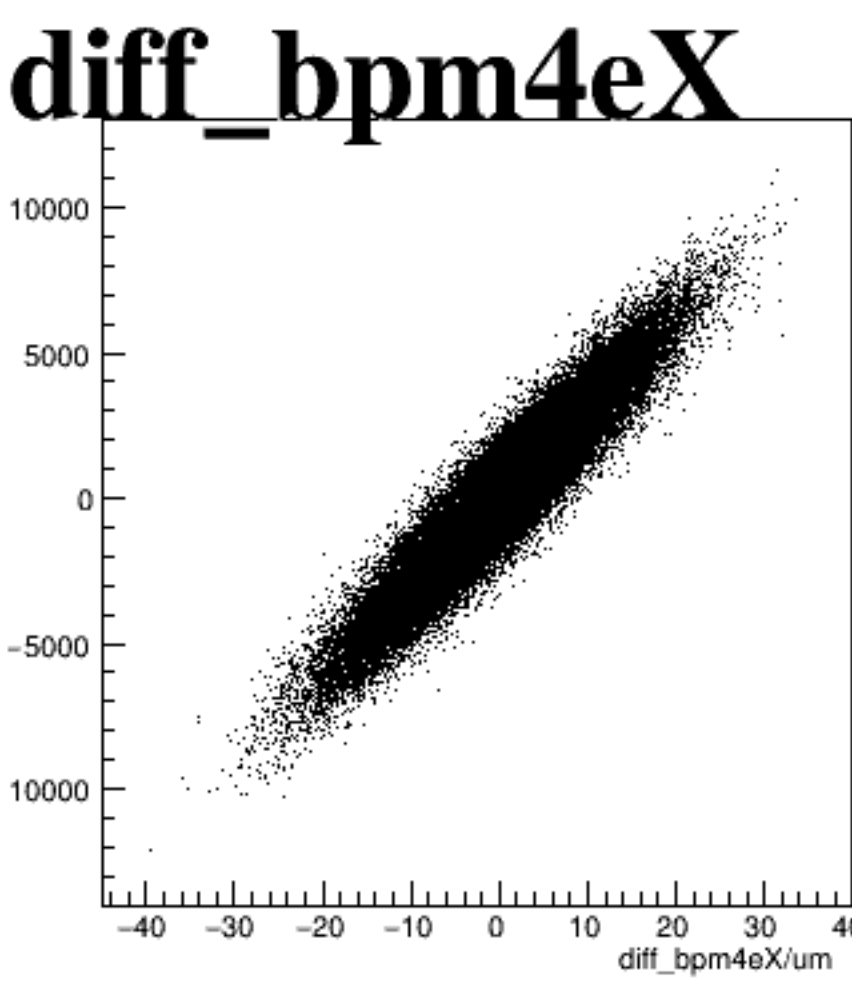
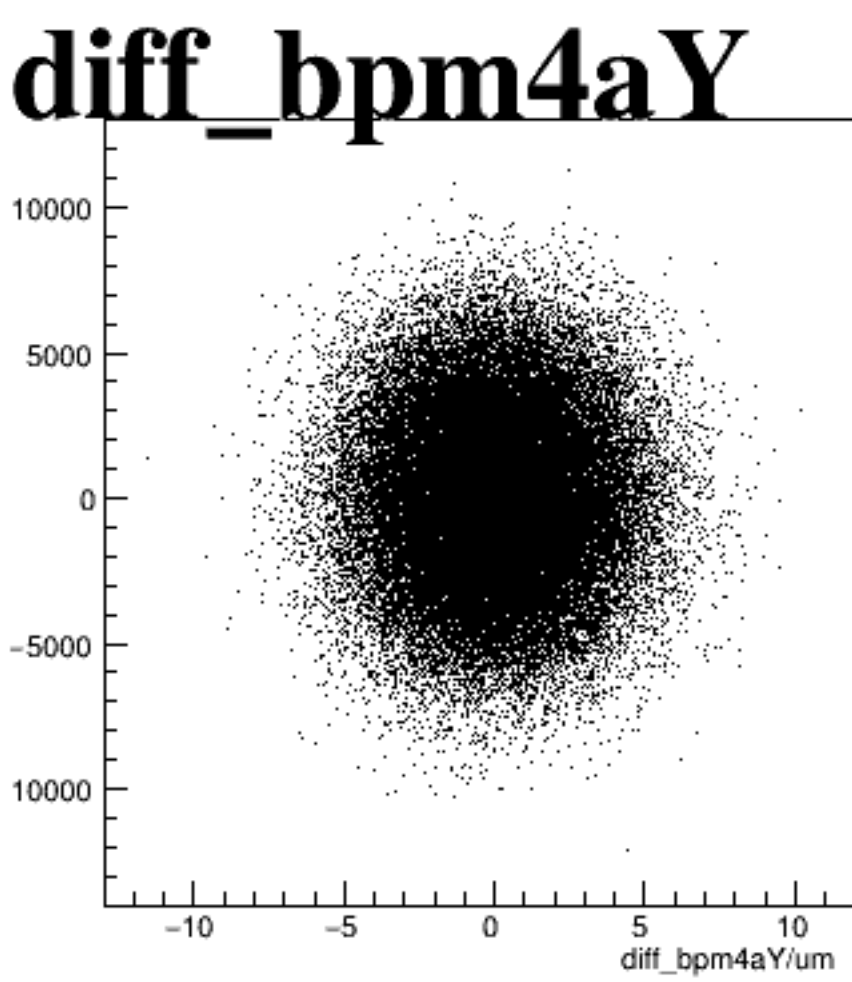
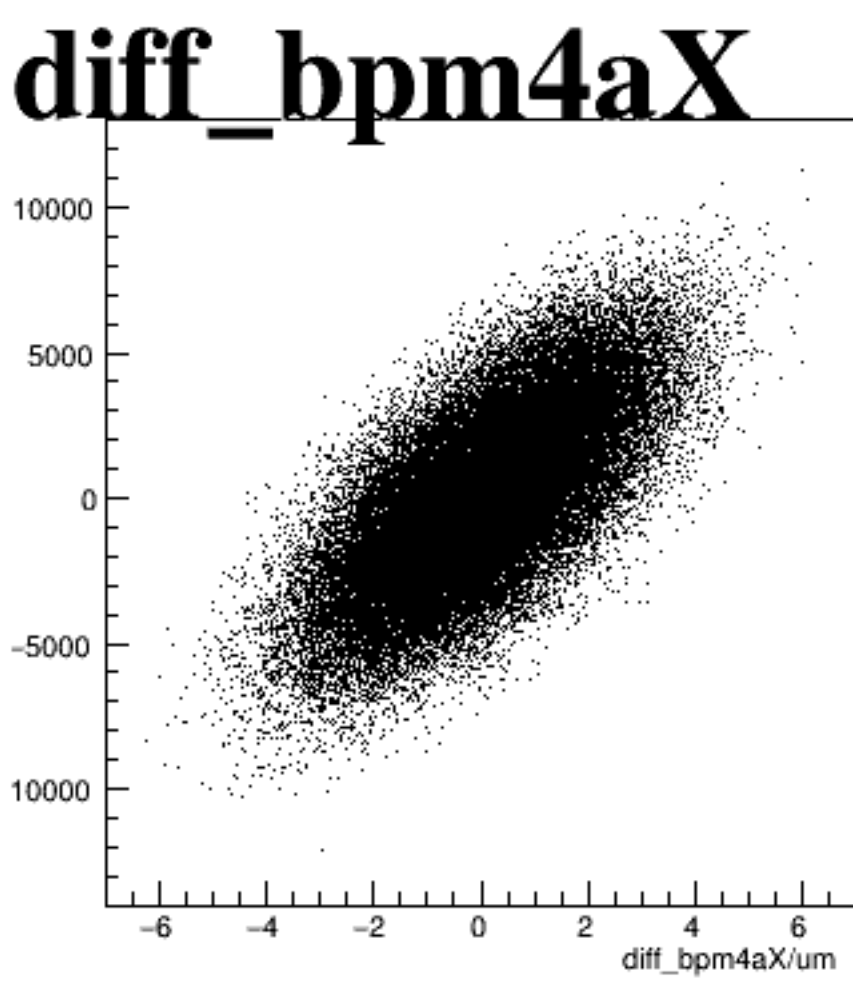
asym_sam2



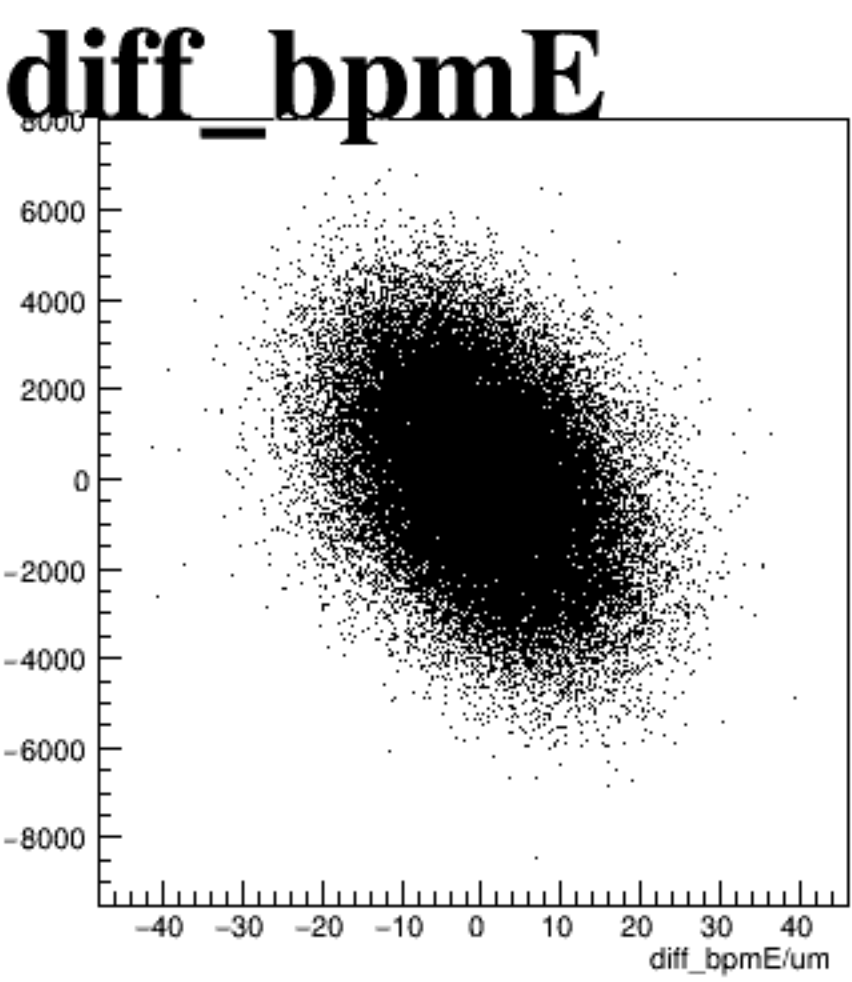
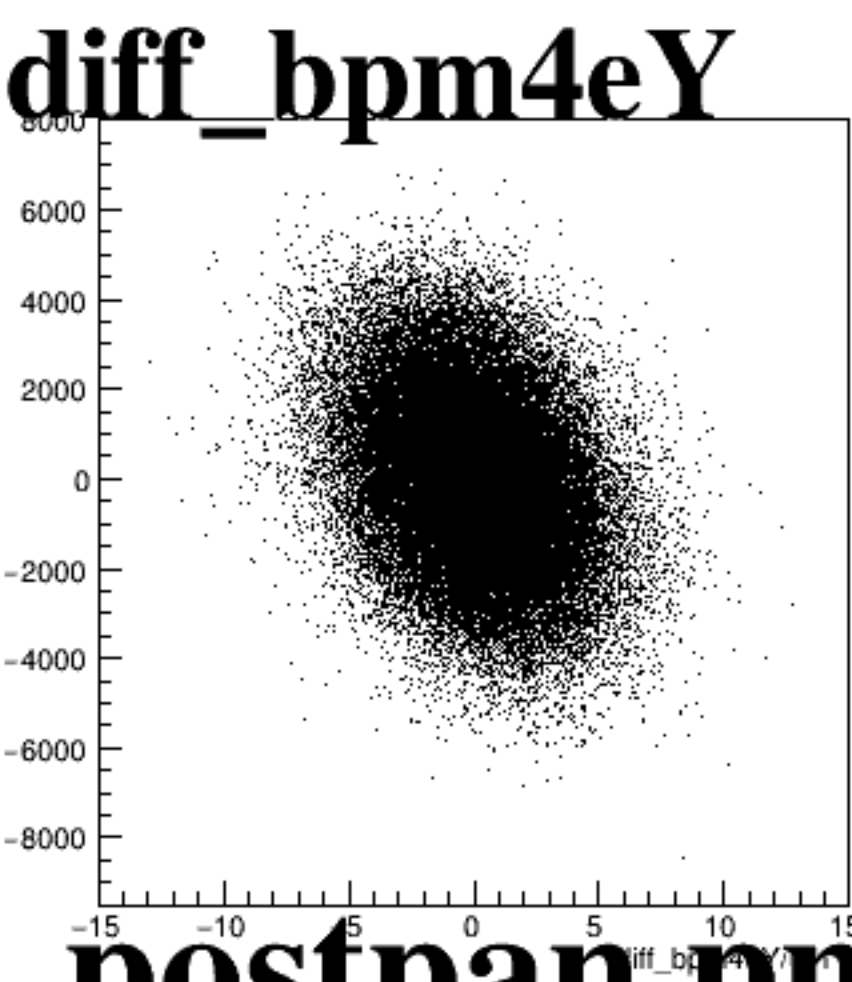
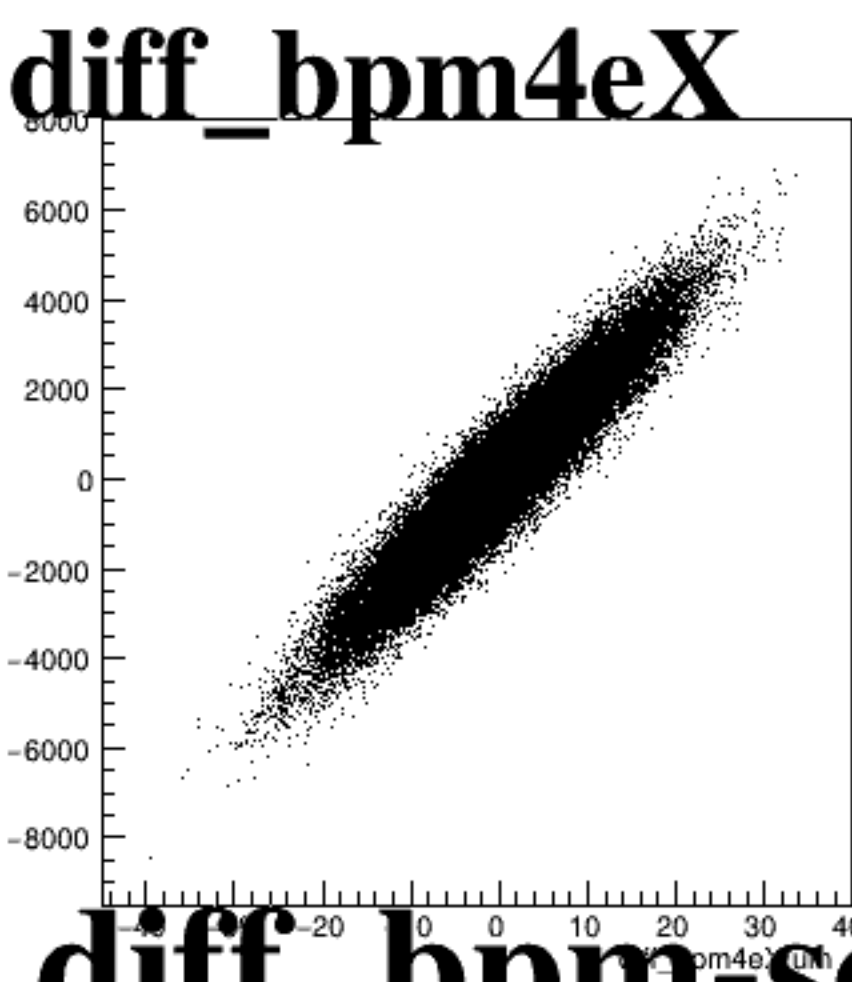
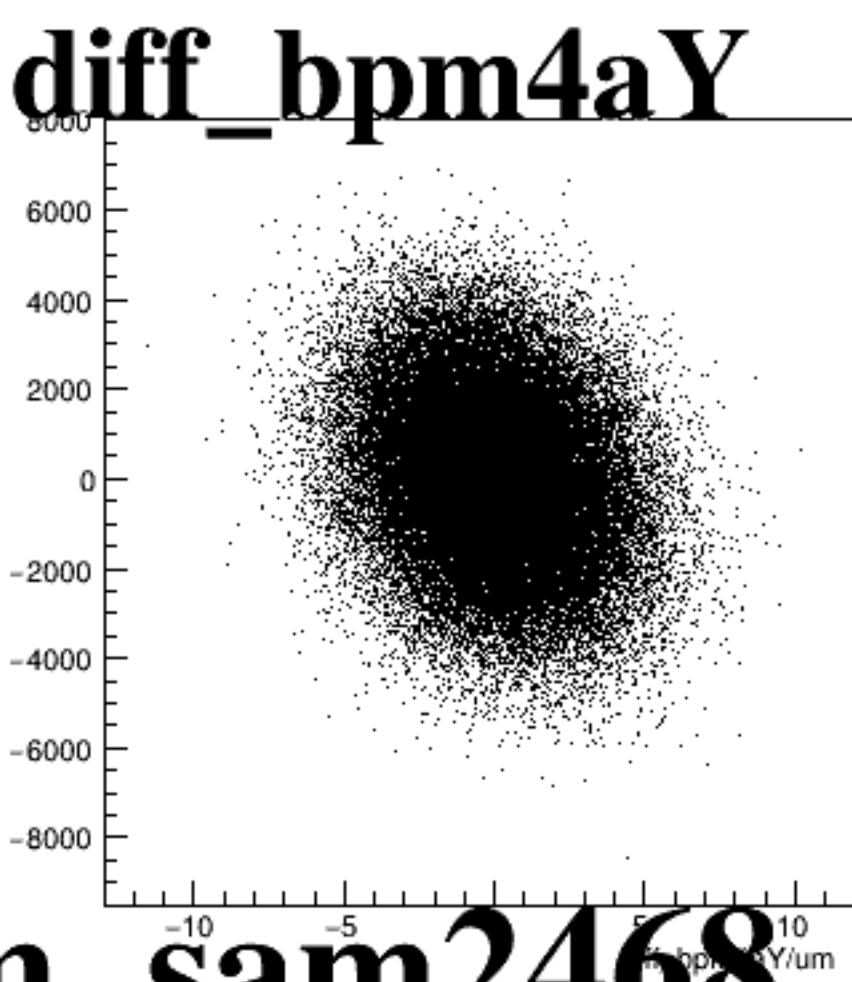
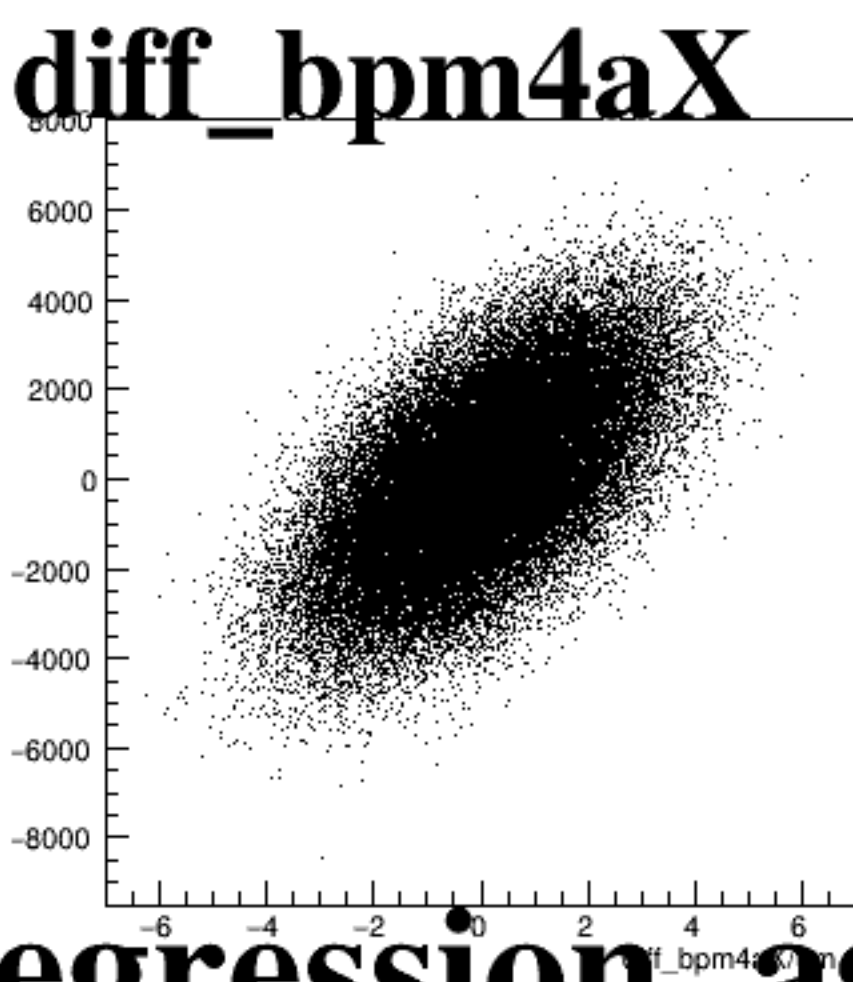
asym_sam4



asym_sam6



asym_sam8

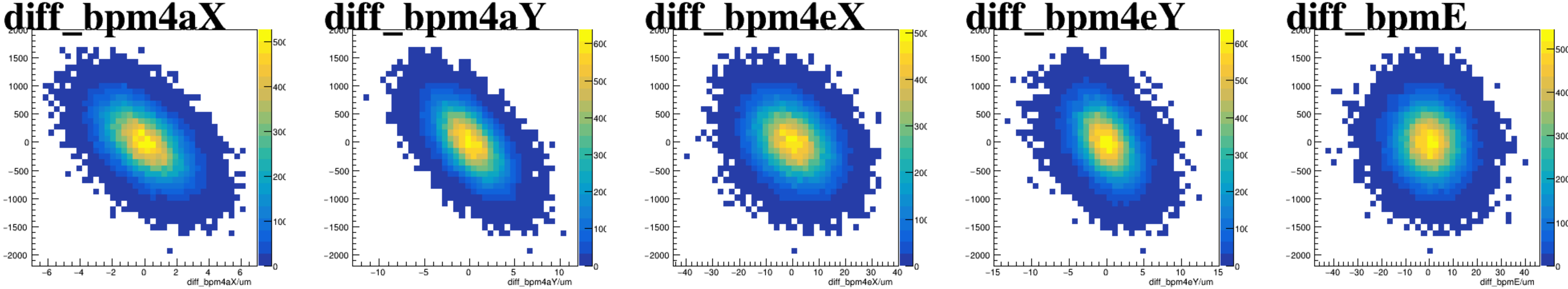


The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for a specific beam position relative to the reference position. The plots are titled as follows:

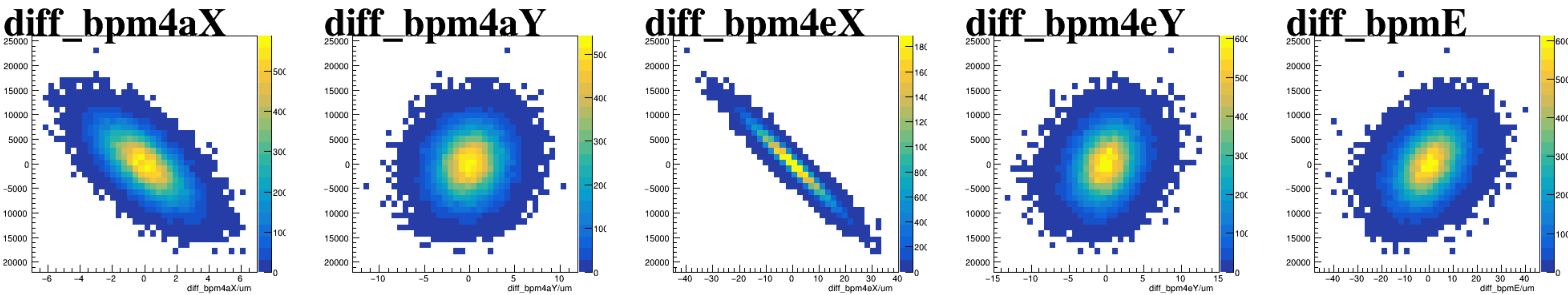
- diff_bpm4aX**: The x-axis is labeled `diff_bpm4aX/um` and ranges from -6 to 6. The y-axis ranges from -5000 to 4000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -10 to 10. The y-axis ranges from -5000 to 4000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -40 to 40. The y-axis ranges from -5000 to 4000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -15 to 15. The y-axis ranges from -5000 to 4000.
- diff_bpmE**: The x-axis is labeled `diff_bpmE/um` and ranges from -40 to 40. The y-axis ranges from -5000 to 4000.

All plots show a dense, roughly circular cloud of points centered at the origin (0,0), indicating that the differences are small and centered around zero.

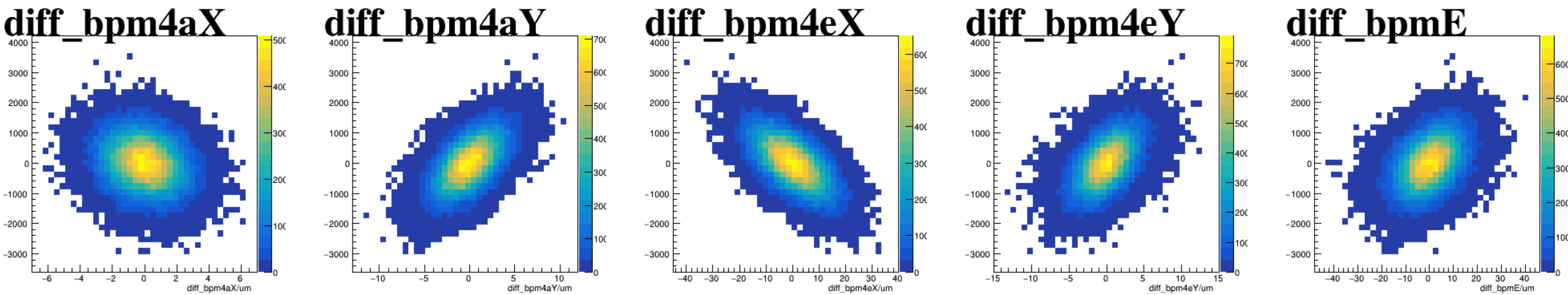
asym_sam1



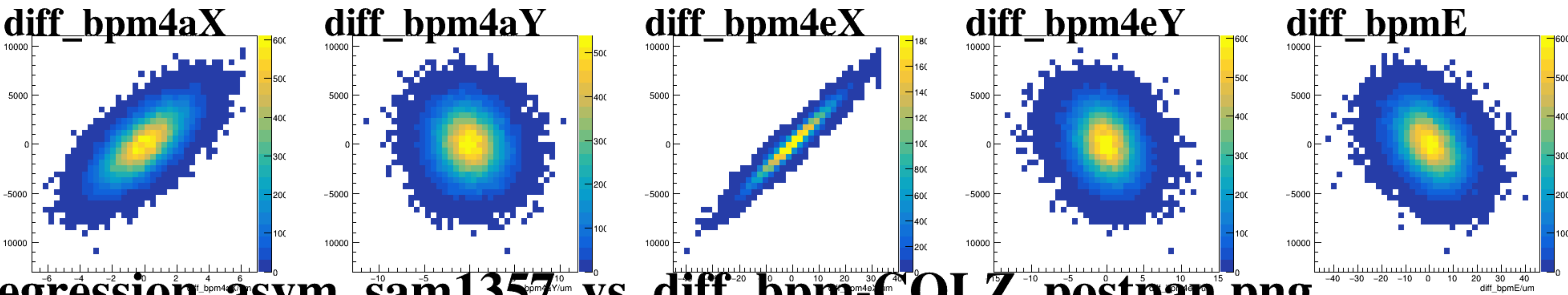
asym_sam3



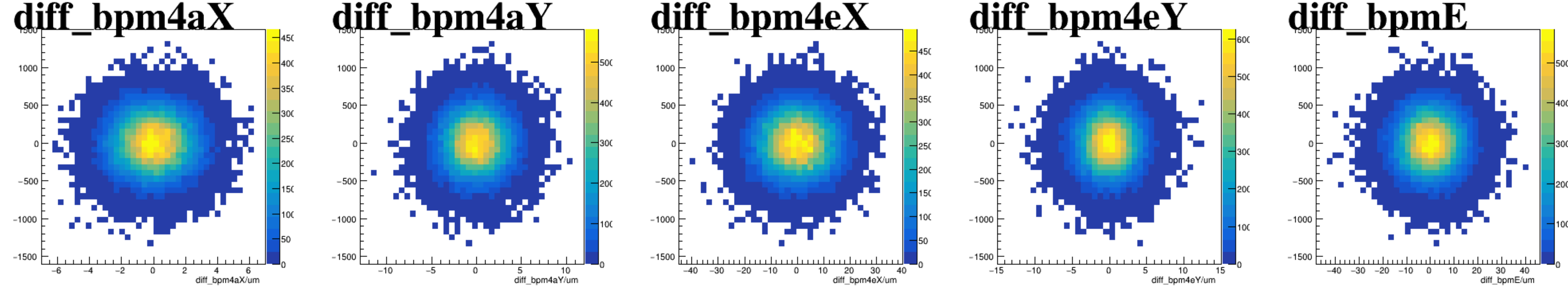
asym_sam5



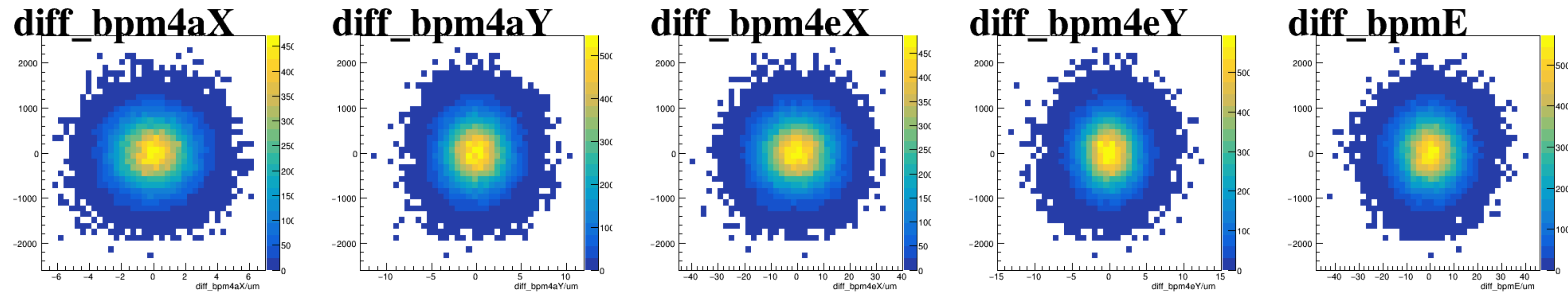
asym_sam7



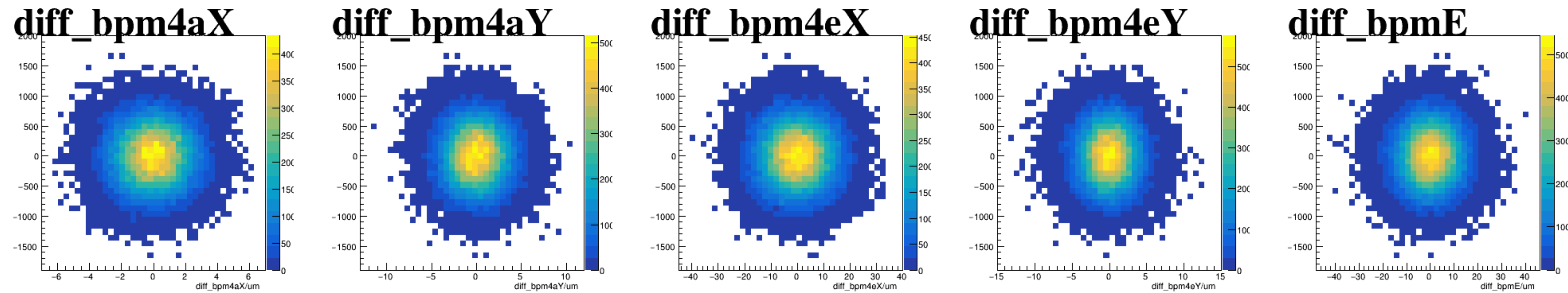
reg_asym_sam1



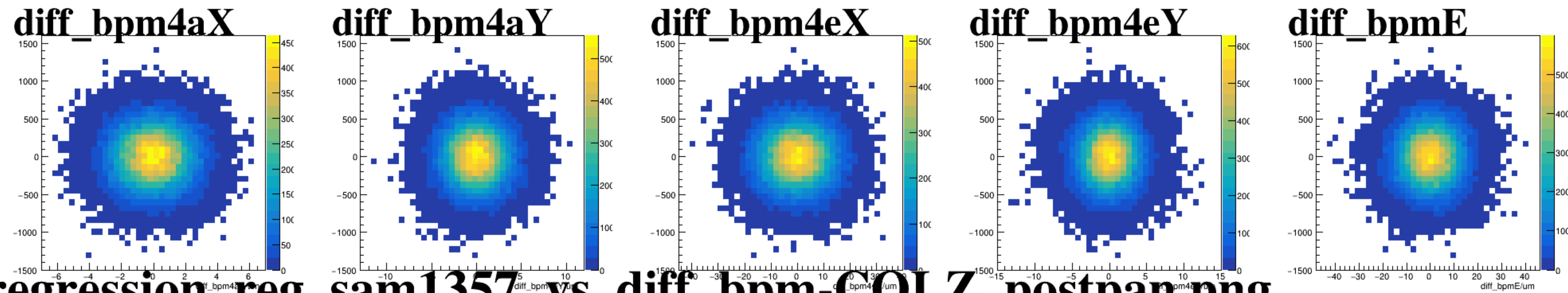
reg_asym_sam3



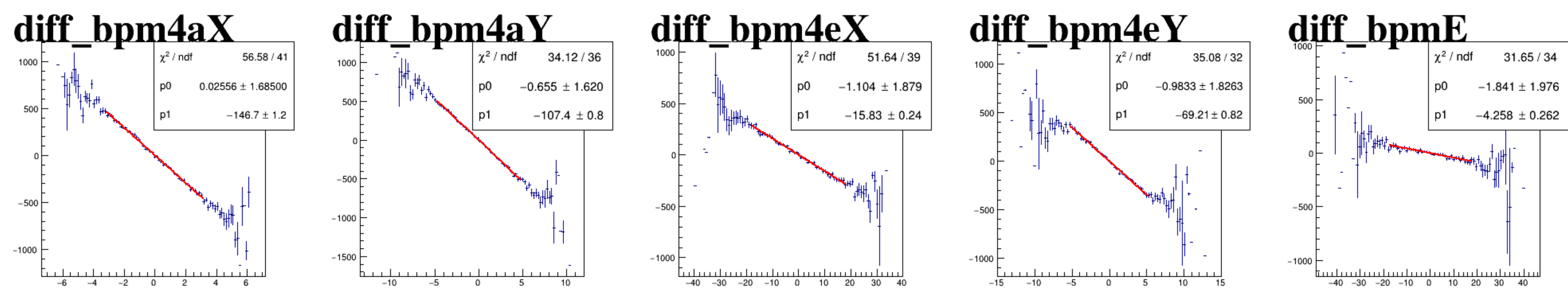
reg_asym_sam5



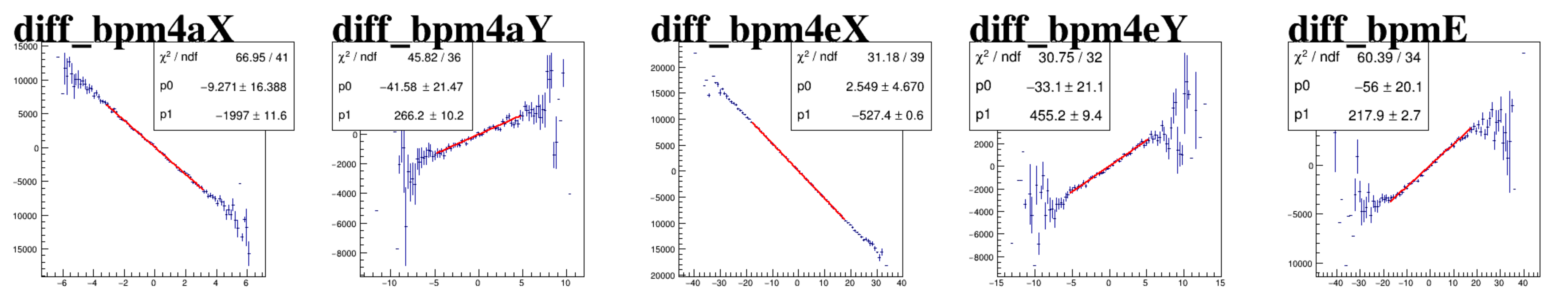
reg_asym_sam7



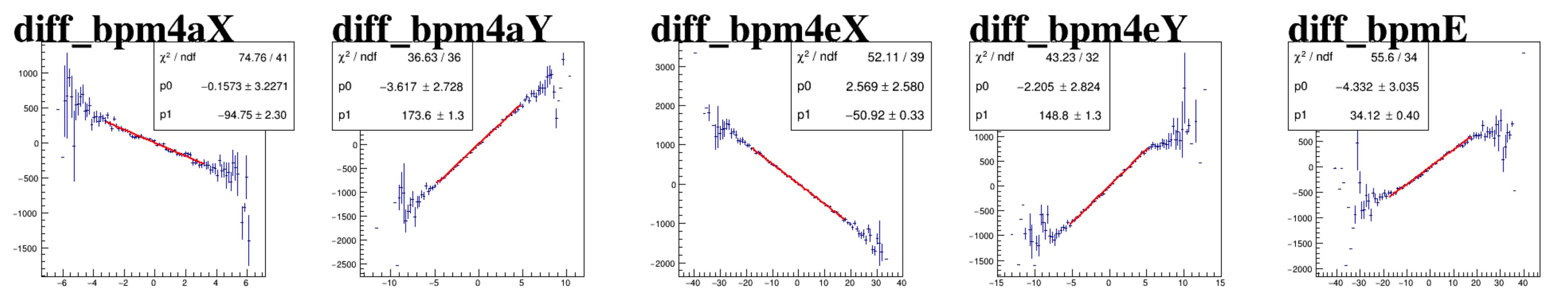
asym_sam1



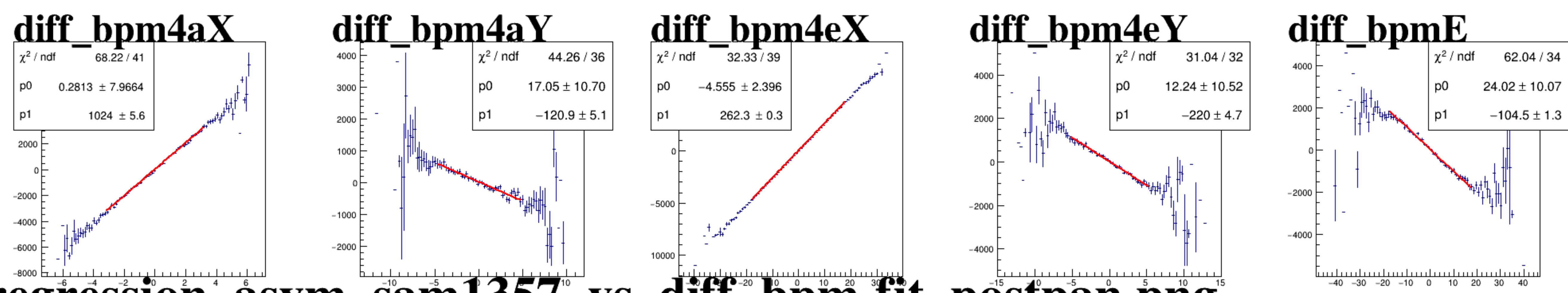
asym_sam3



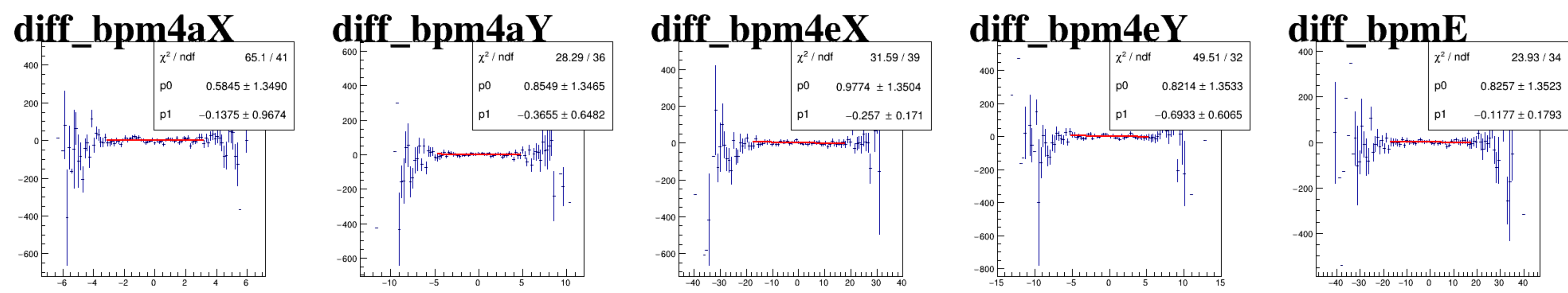
asym_sam5



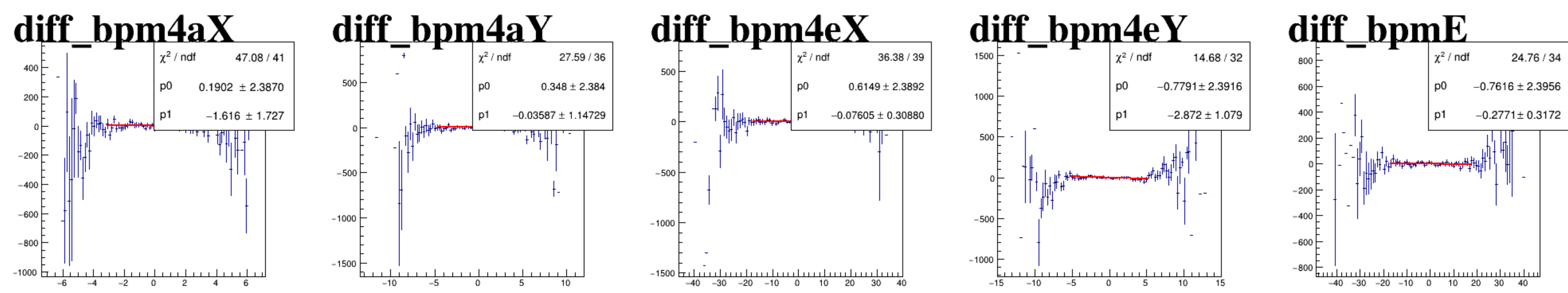
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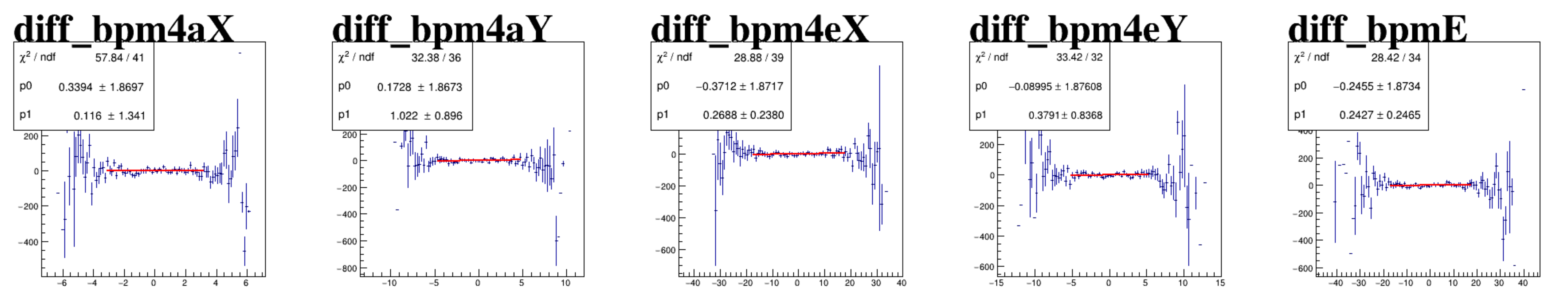
reg_asym_sam1



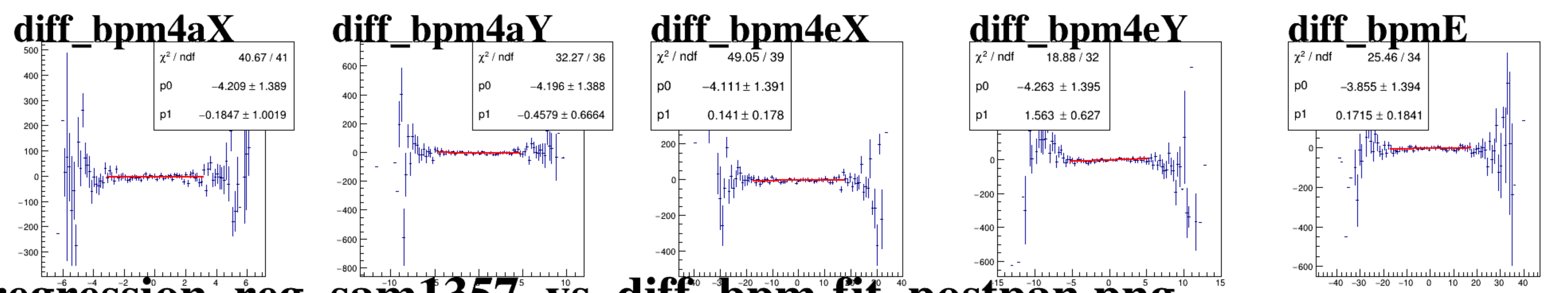
reg_asym_sam3



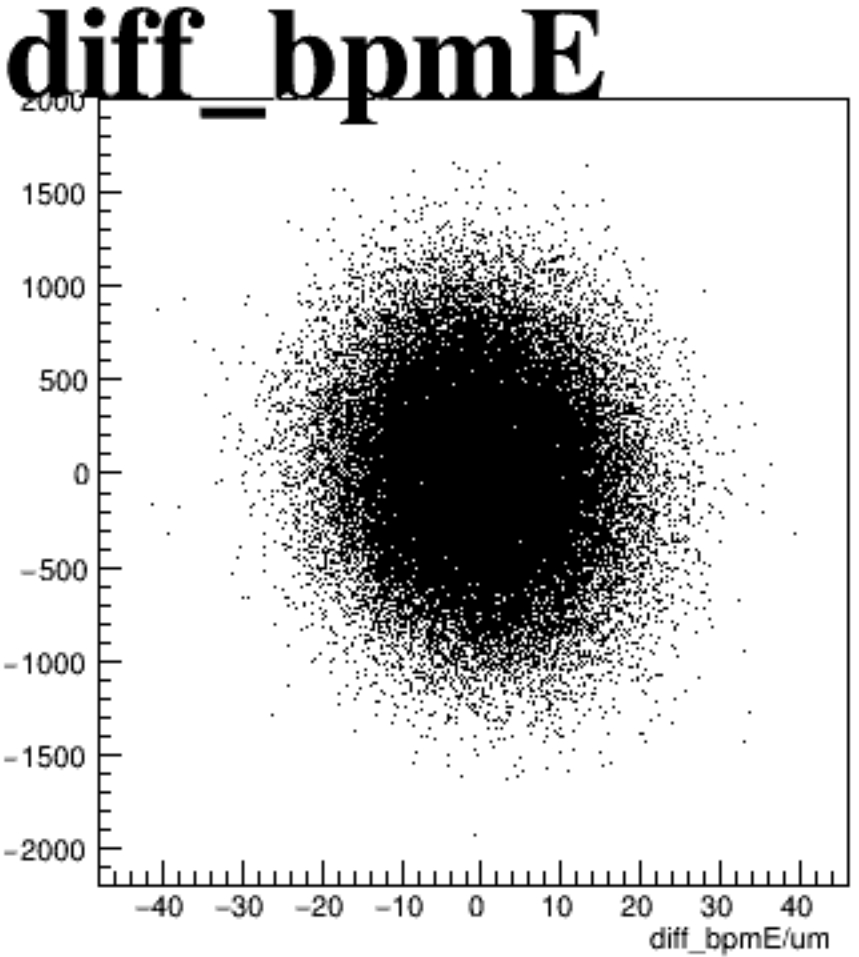
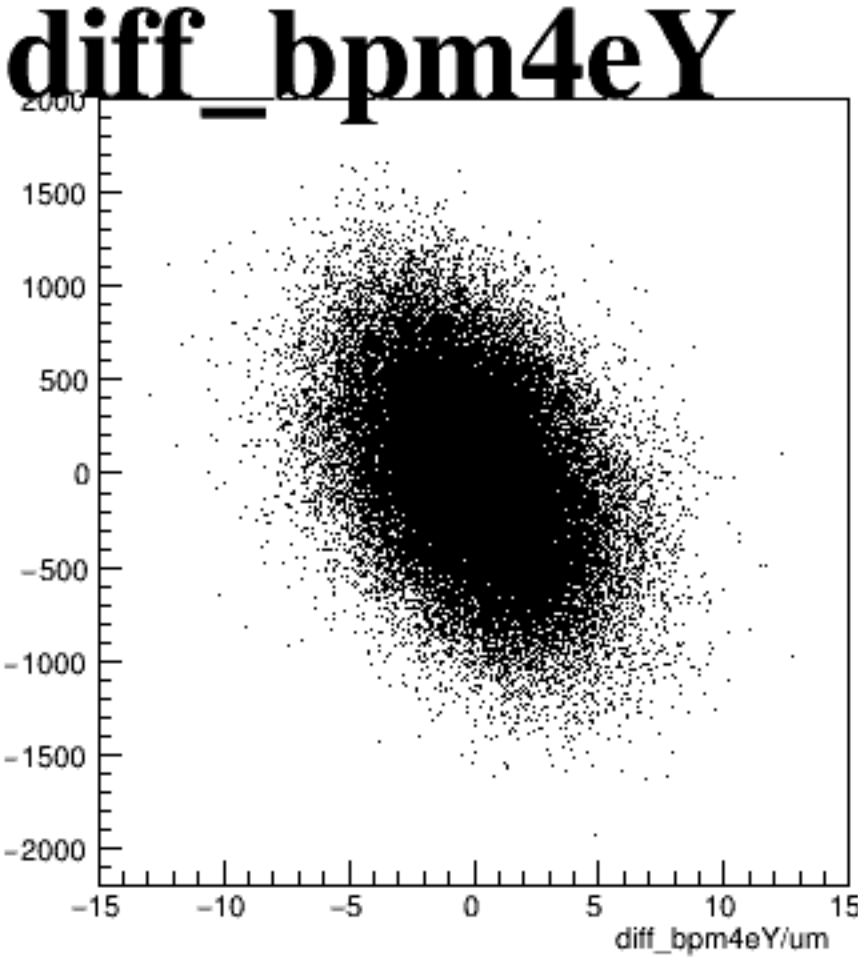
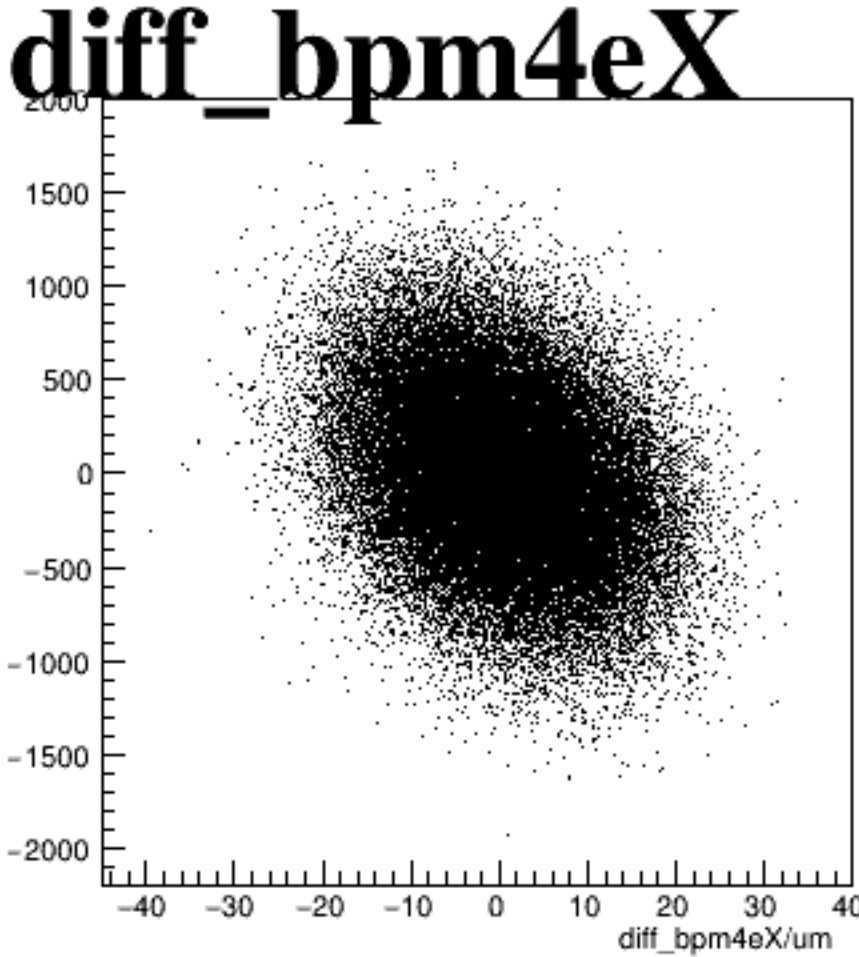
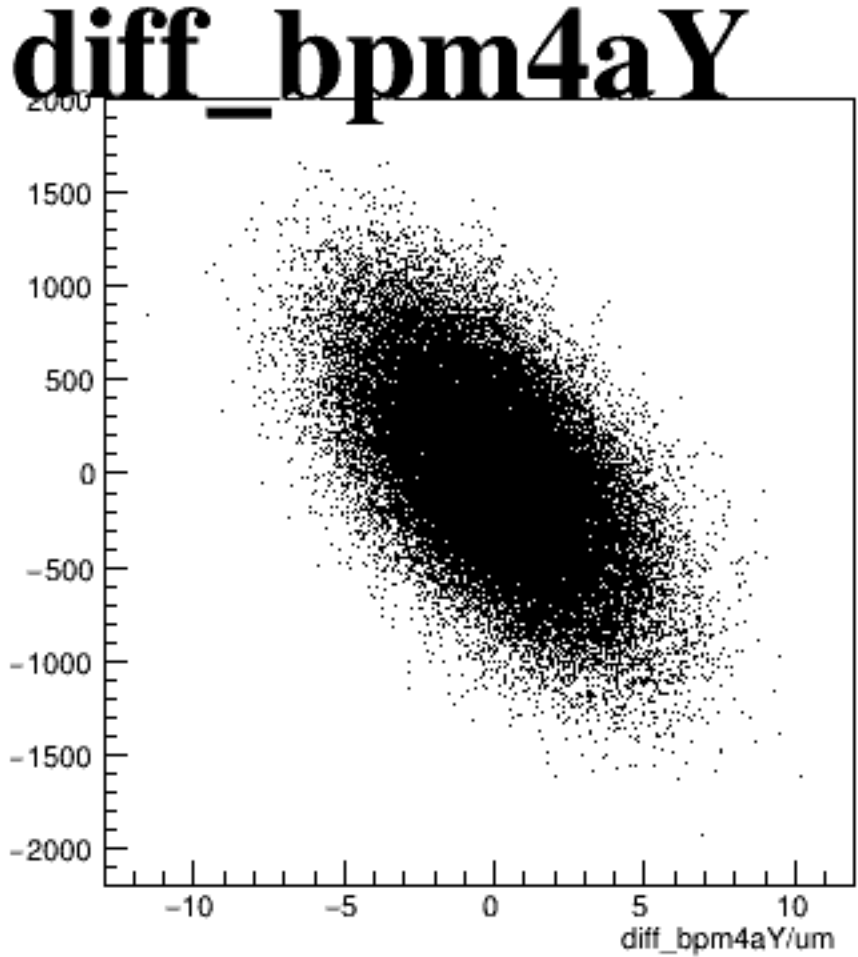
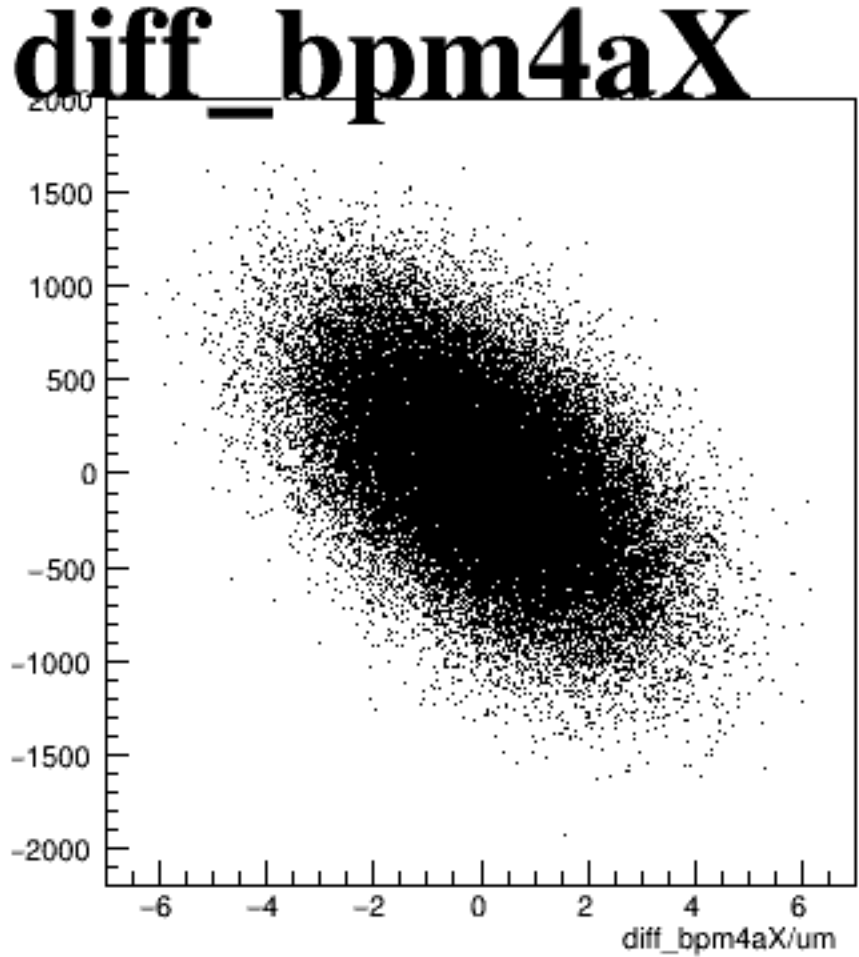
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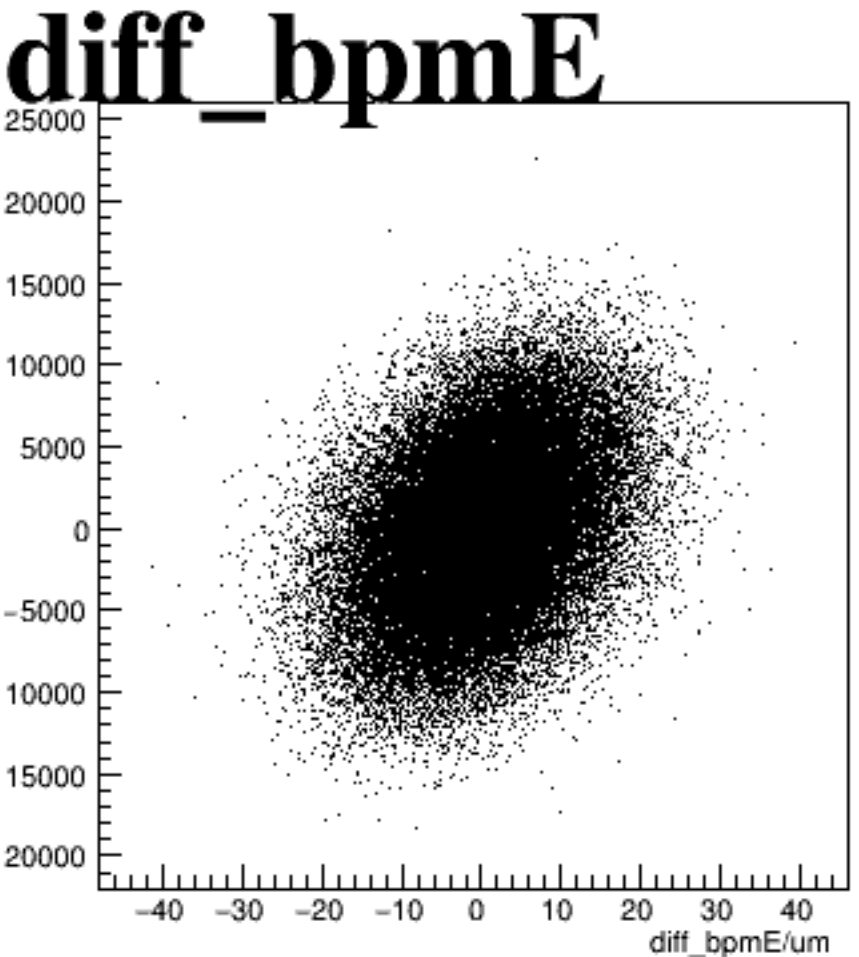
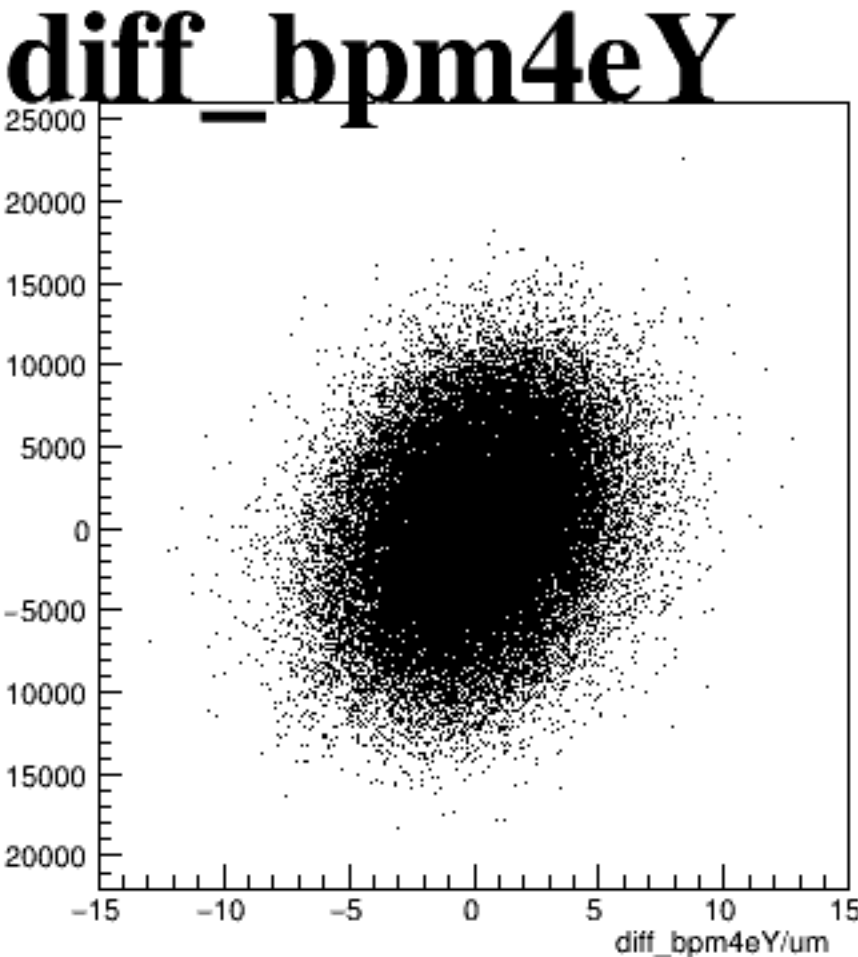
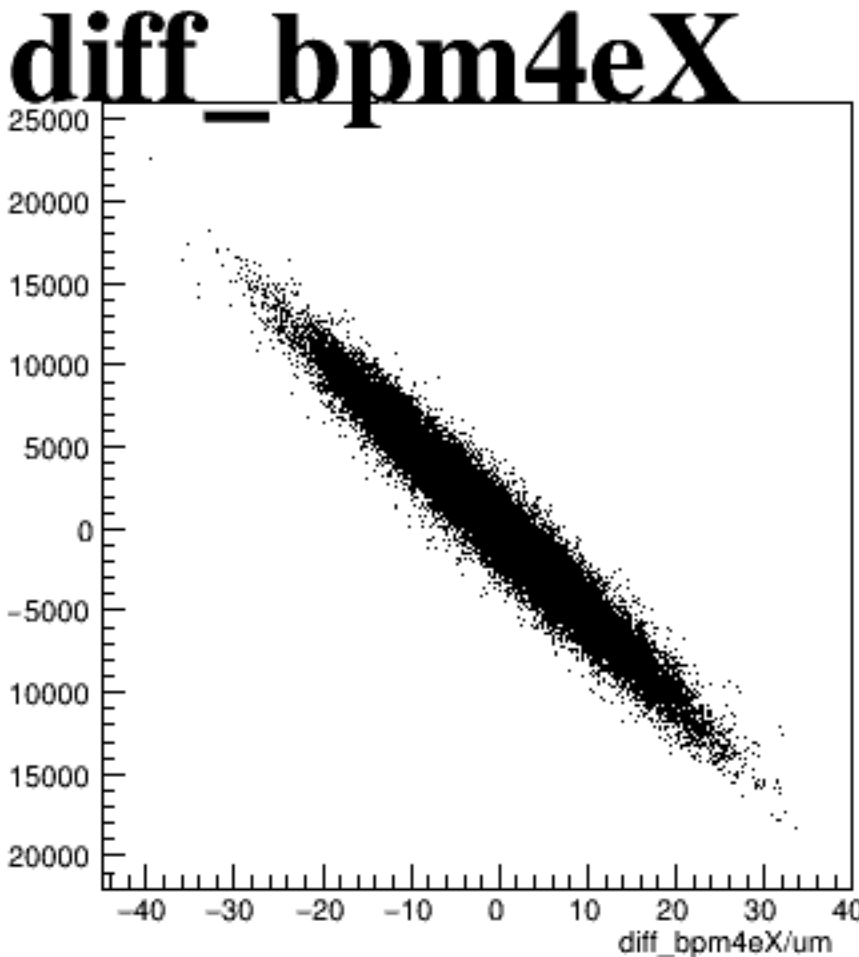
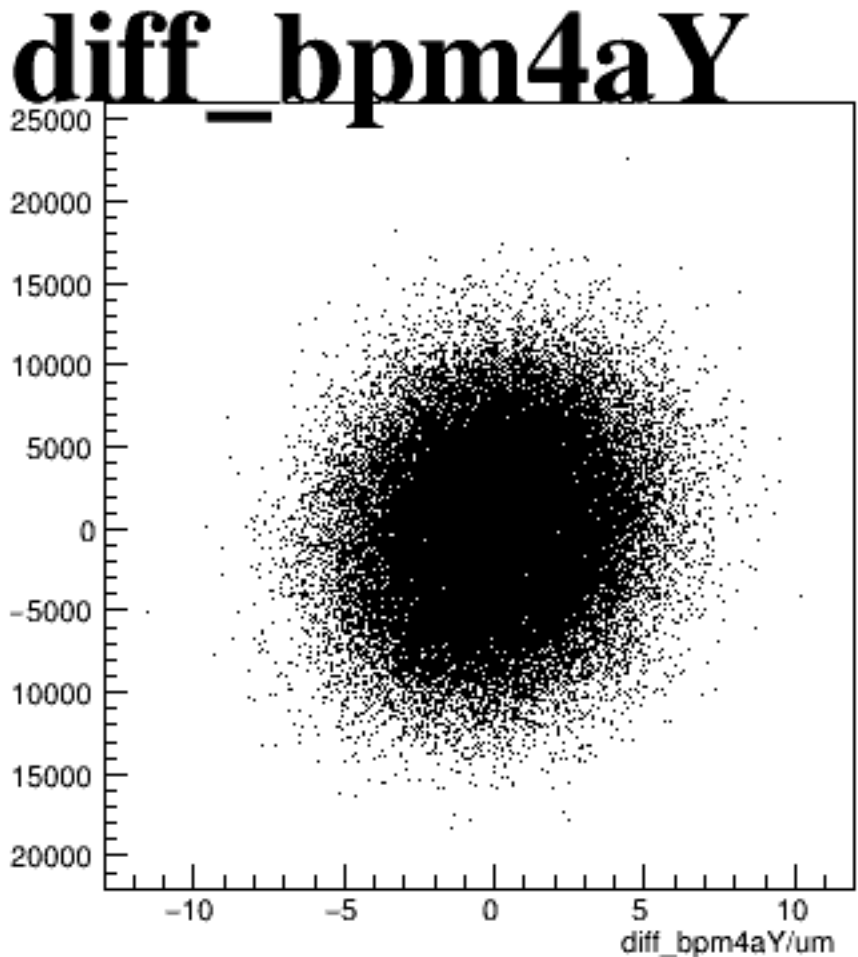
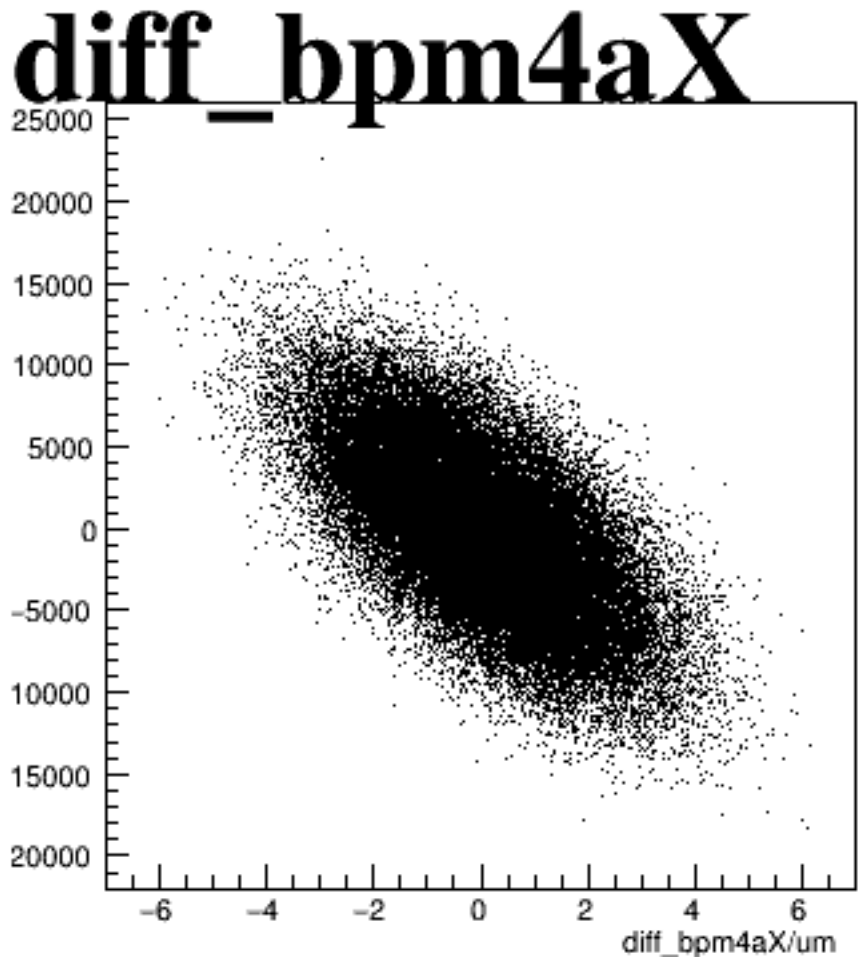
reg_asym_sam7



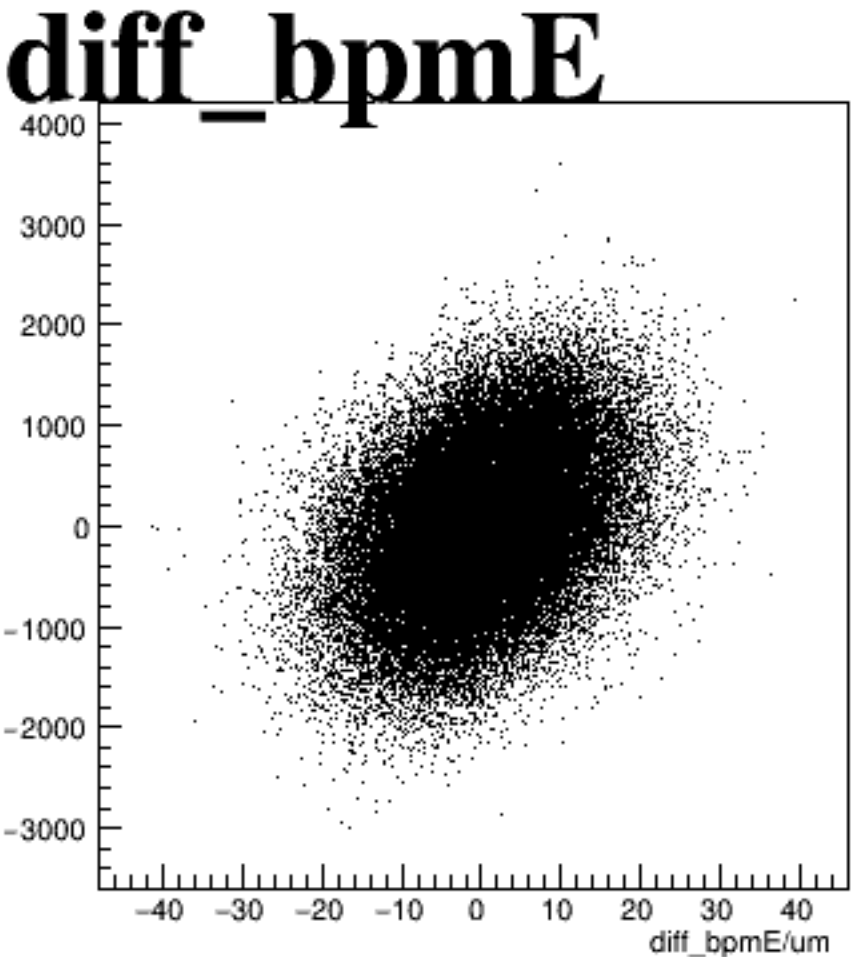
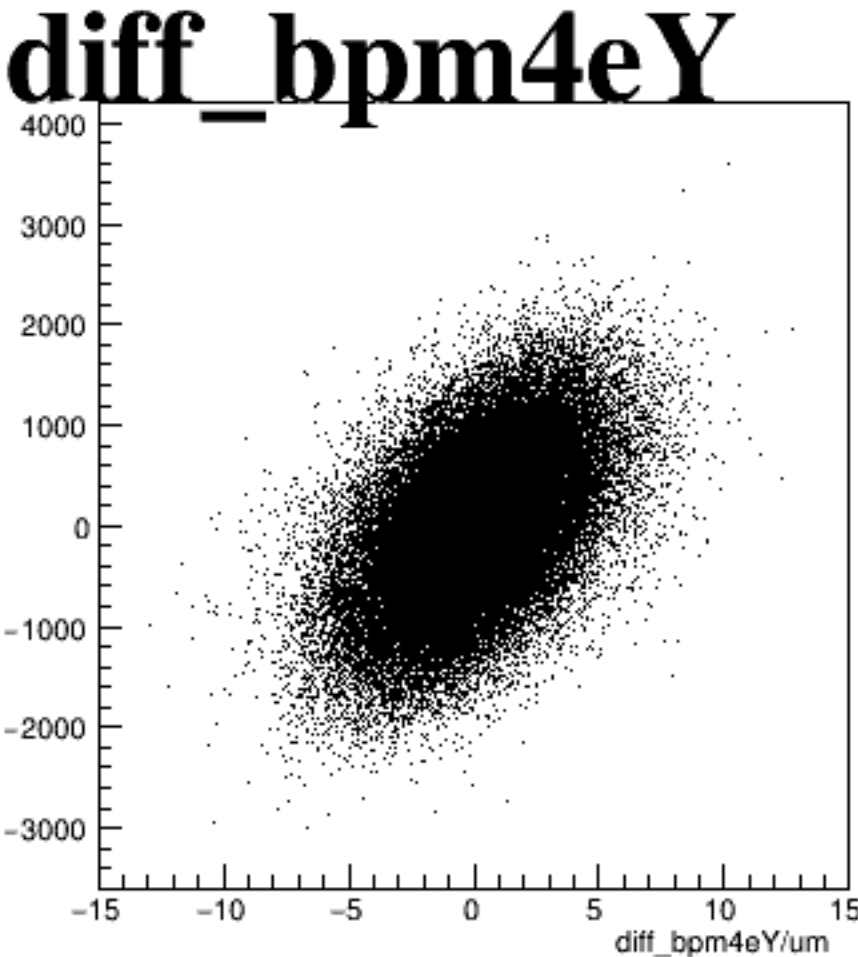
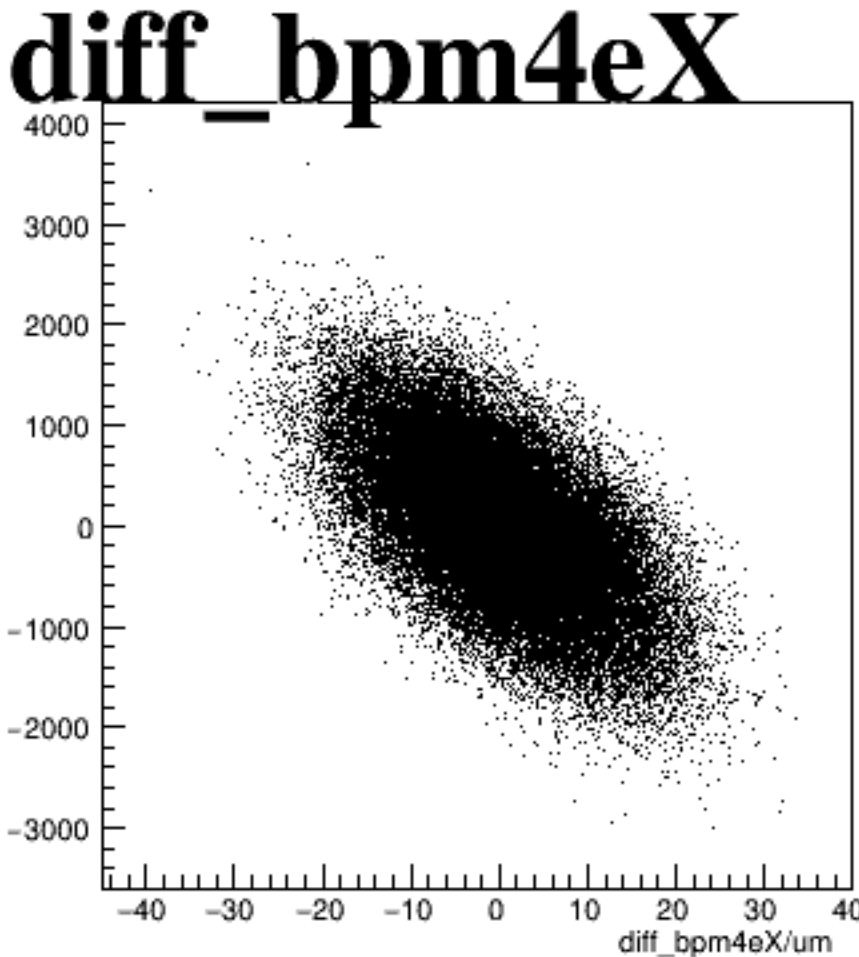
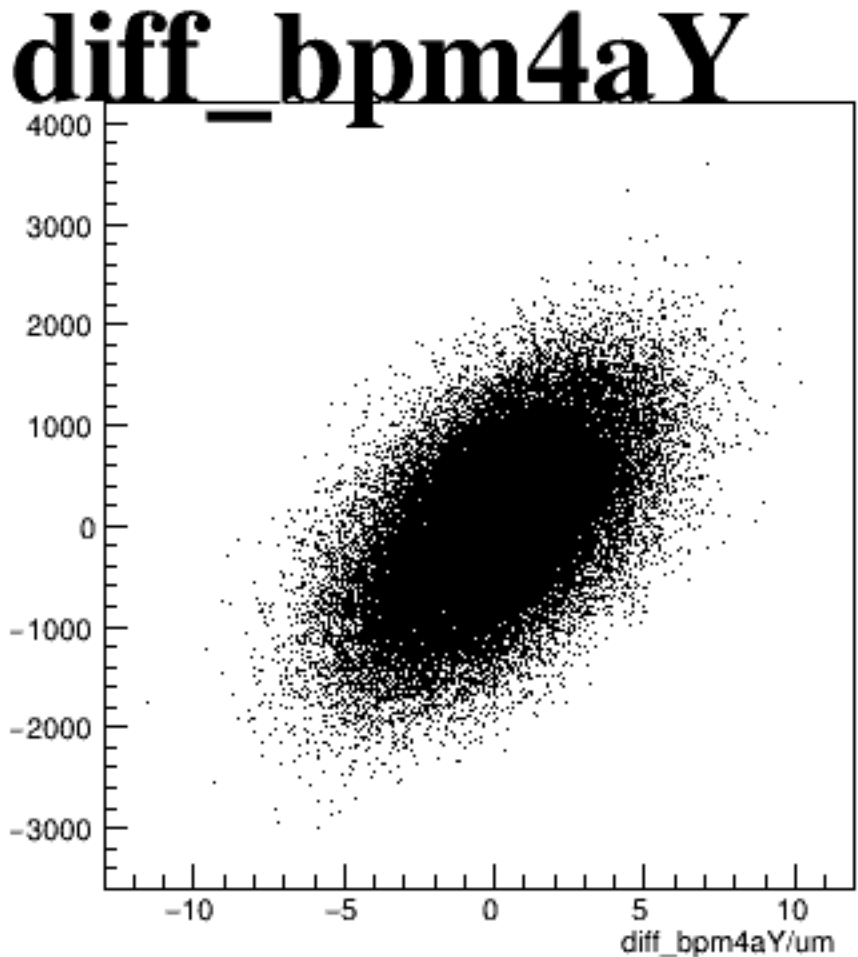
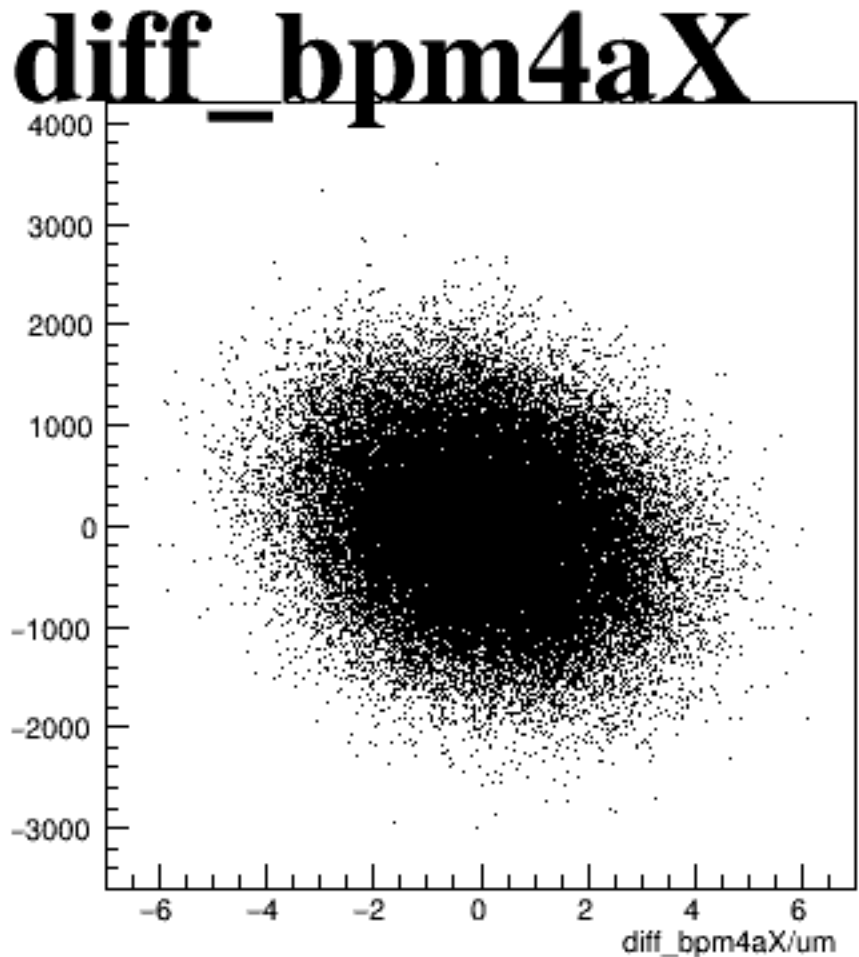
asym_sam1



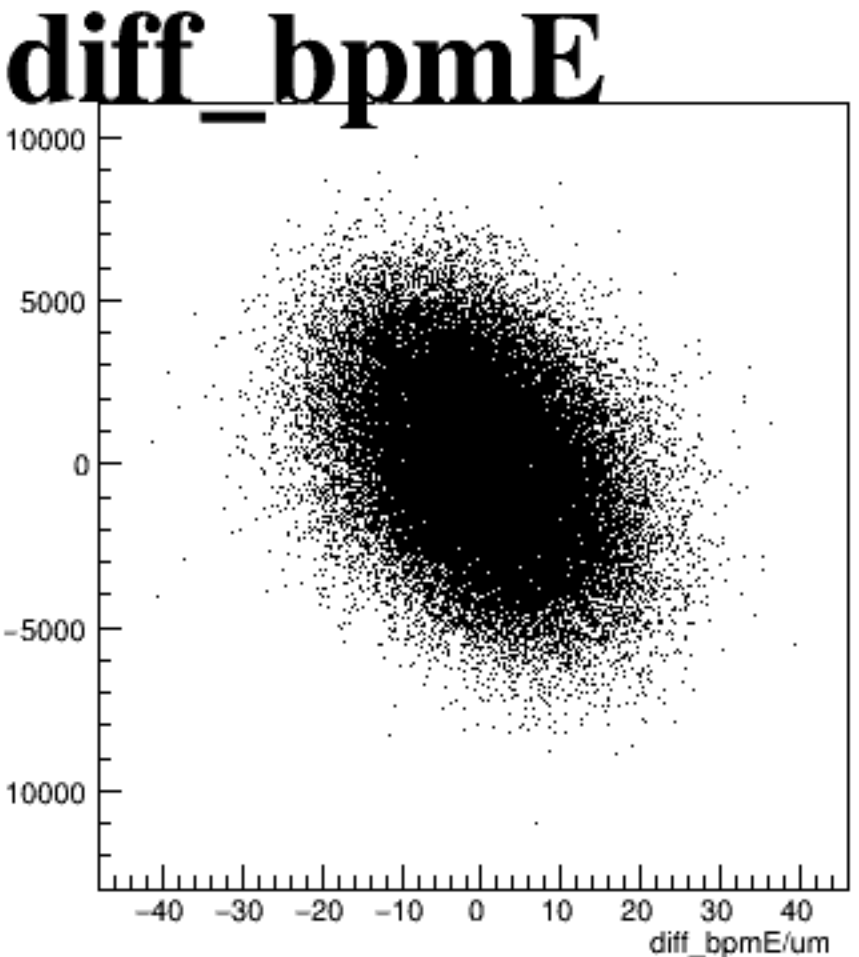
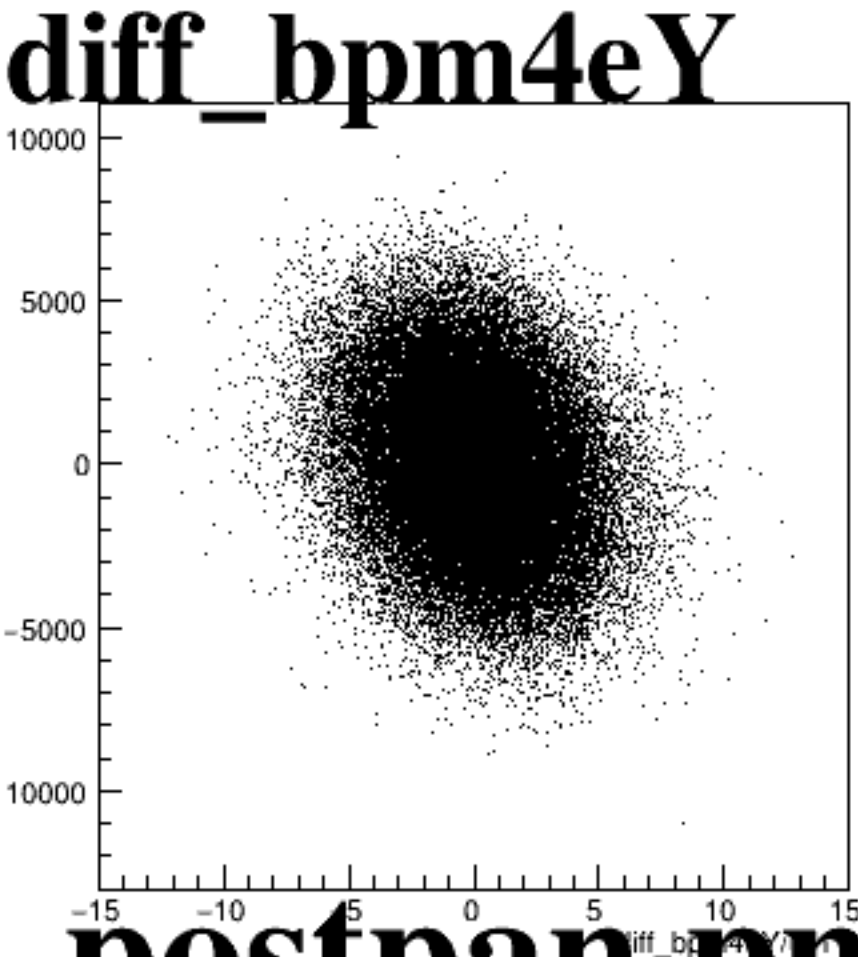
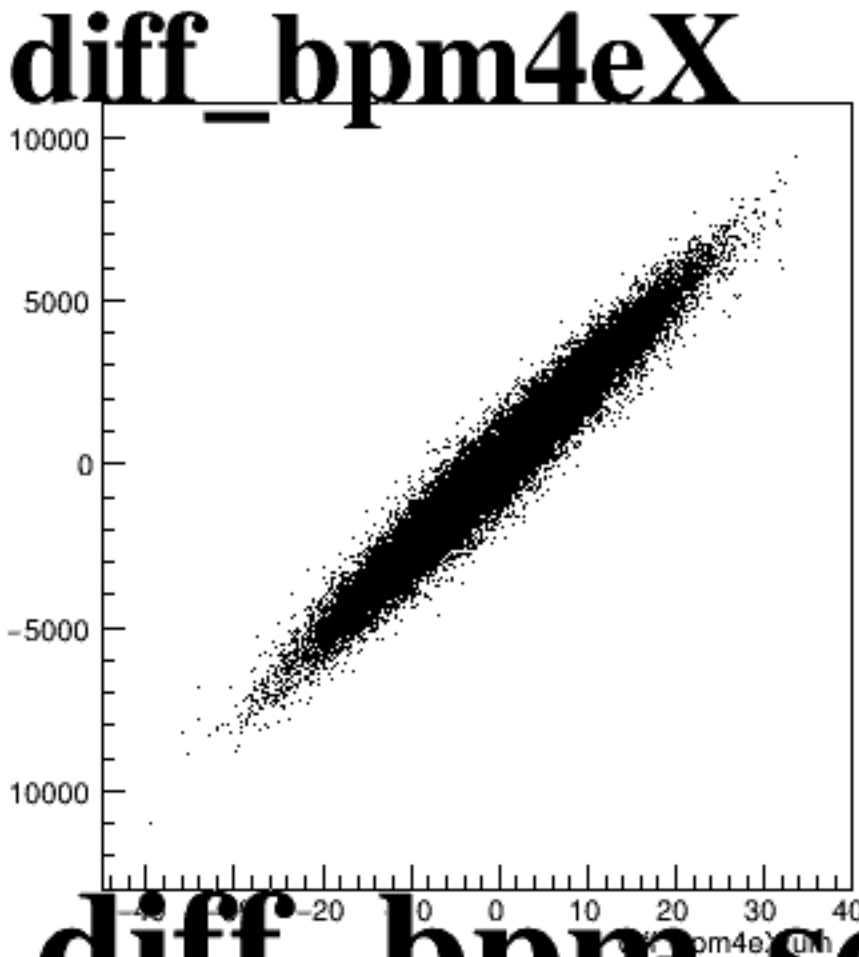
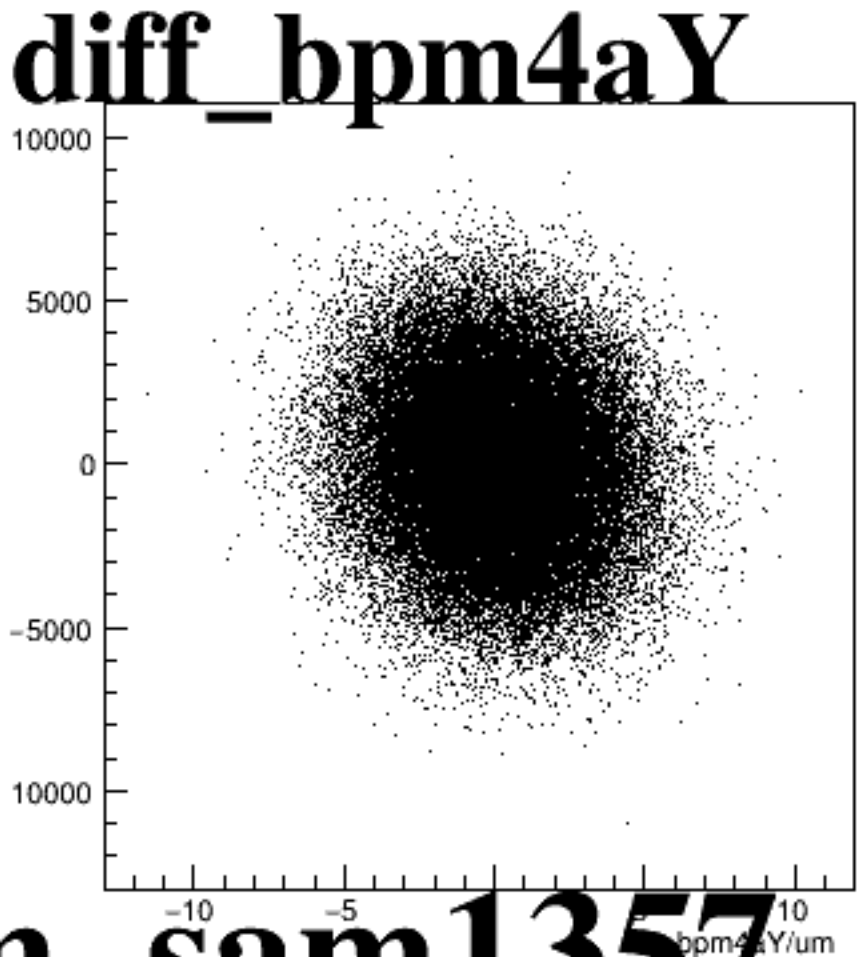
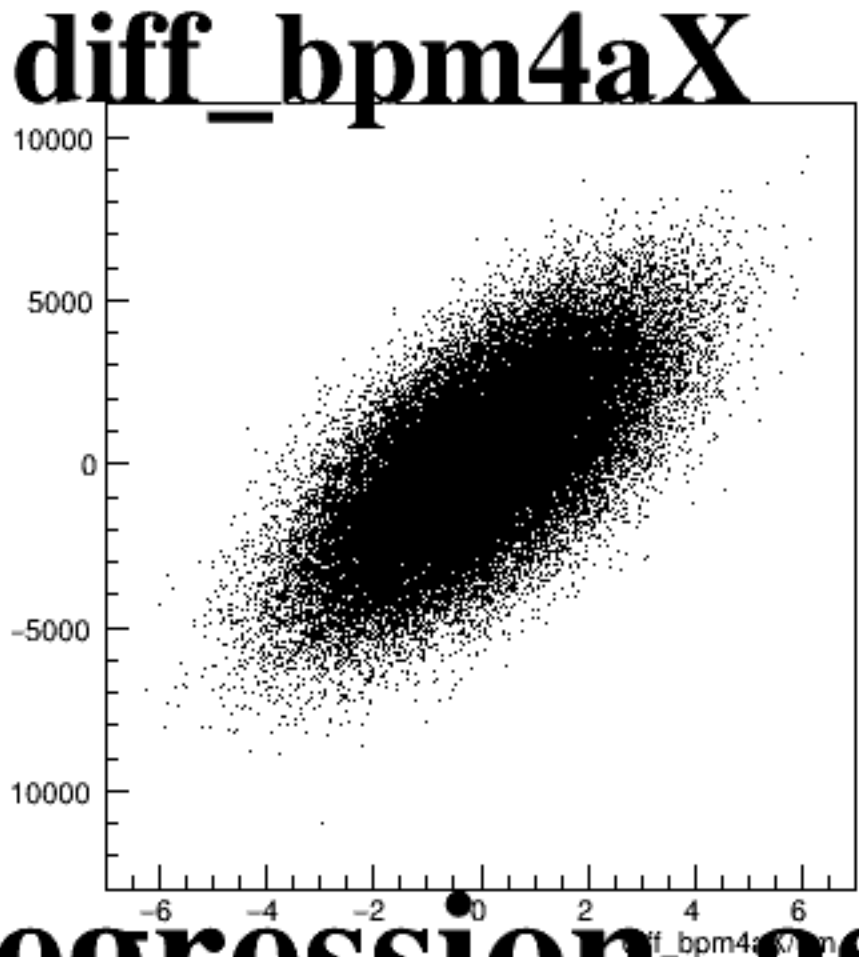
asym_sam3



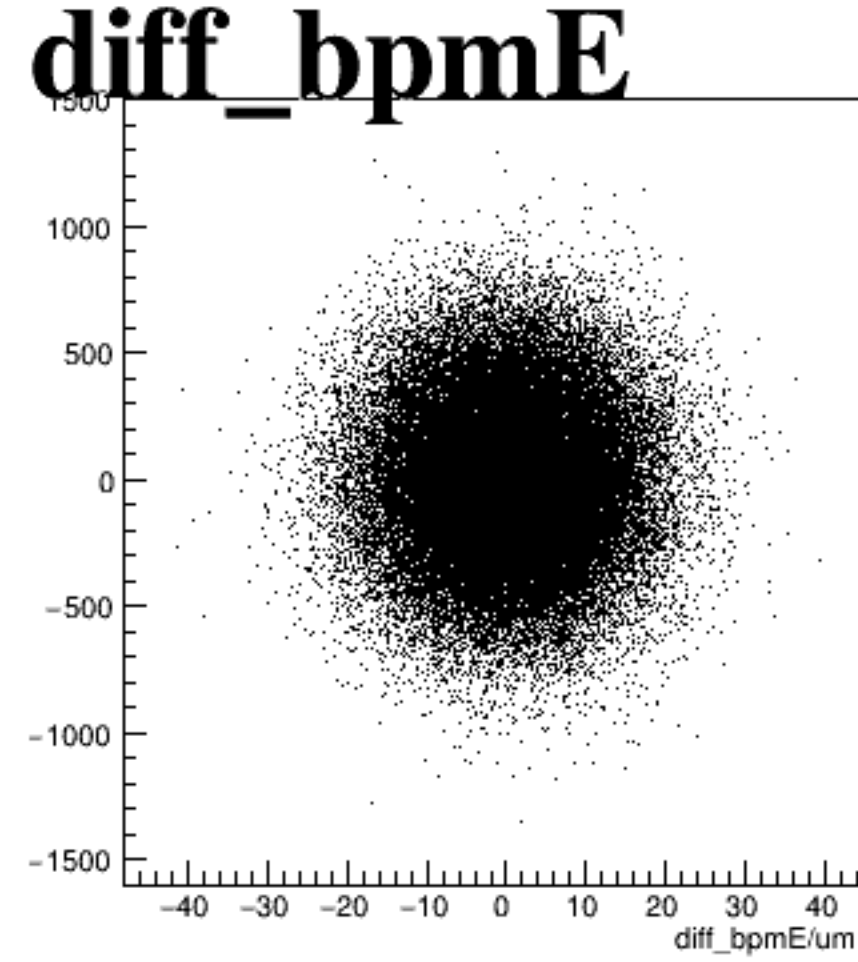
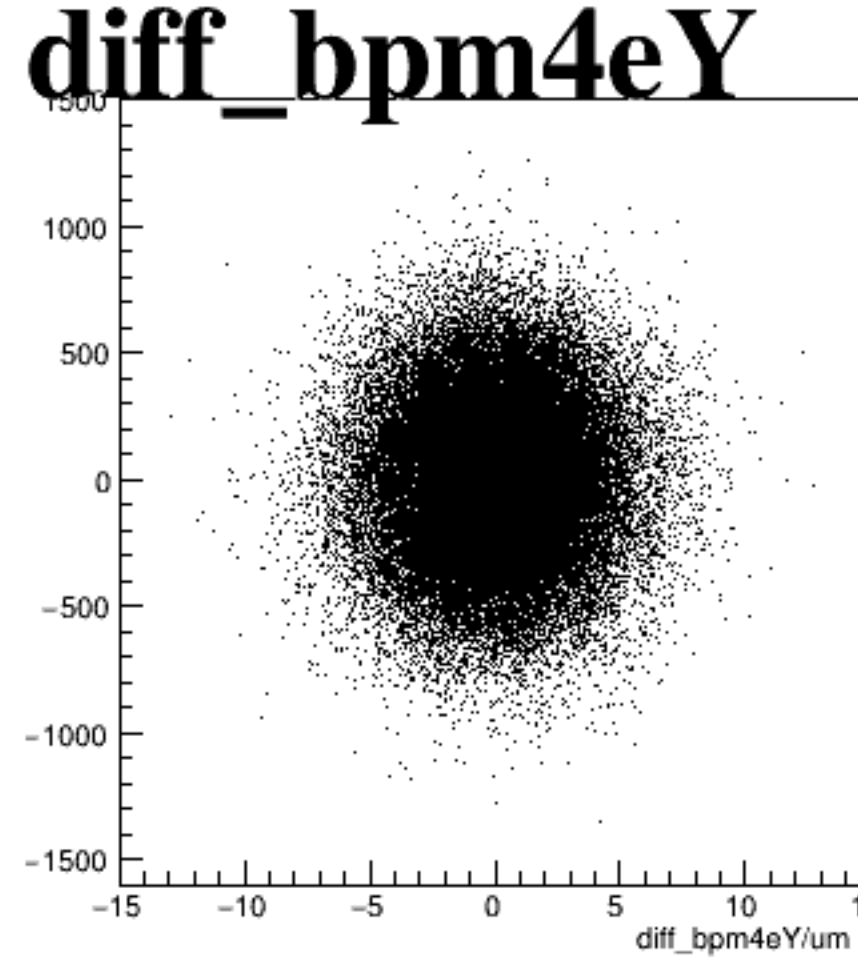
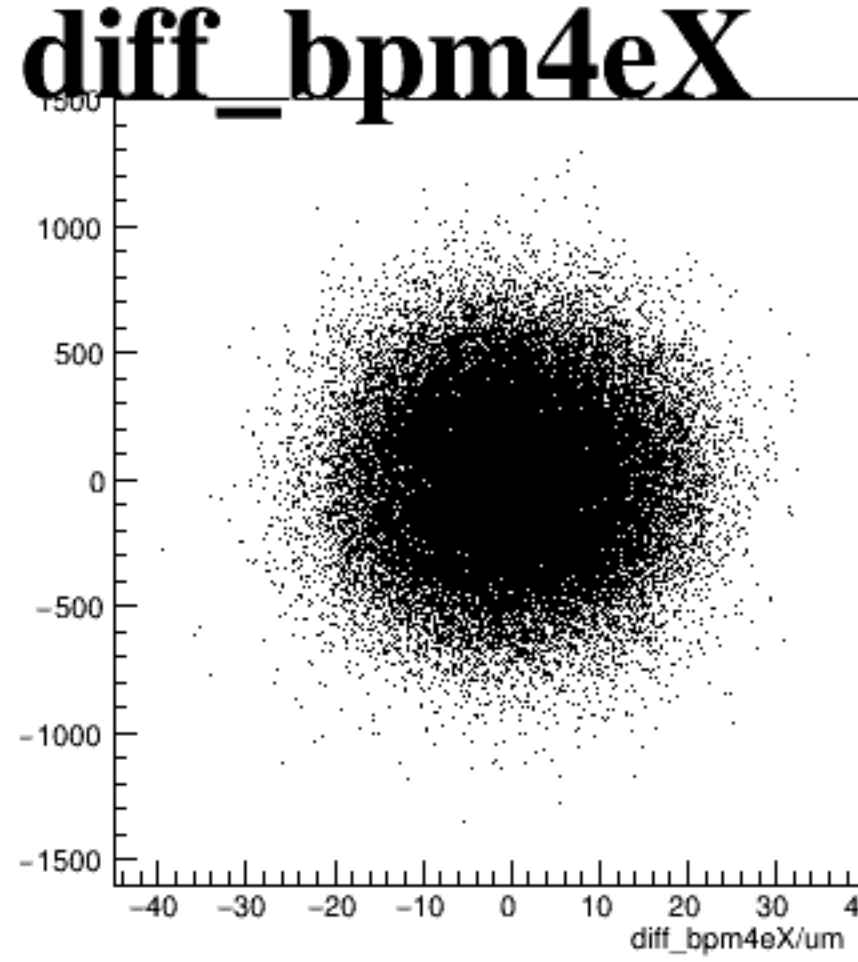
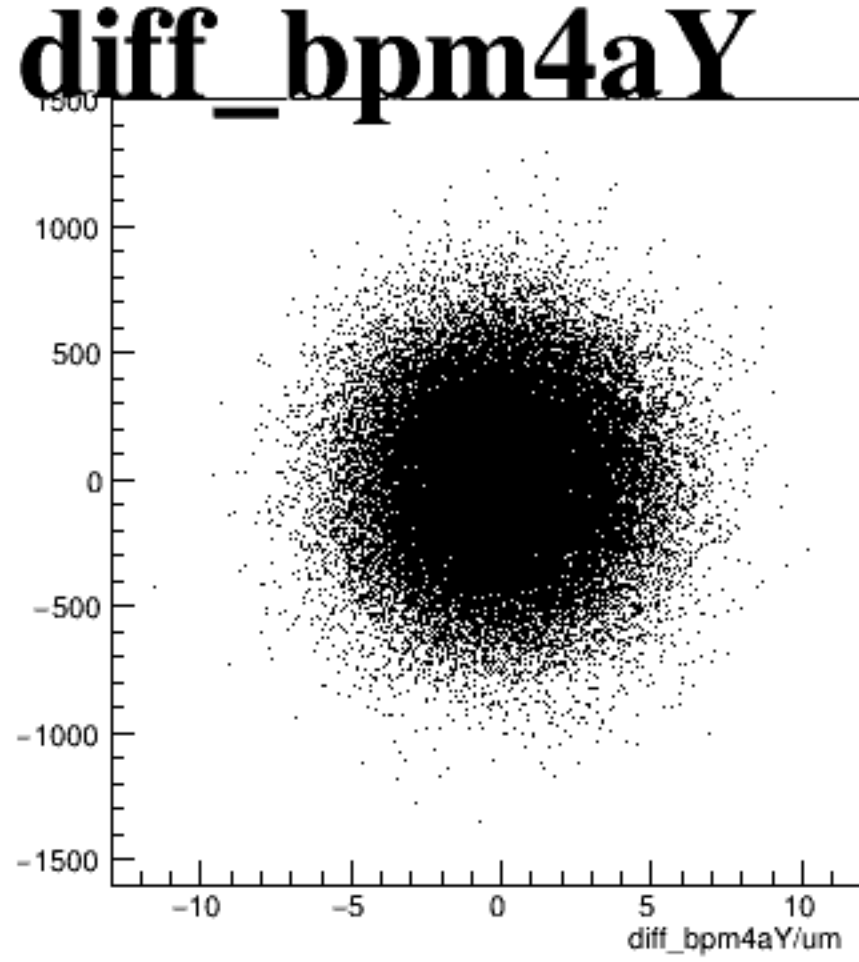
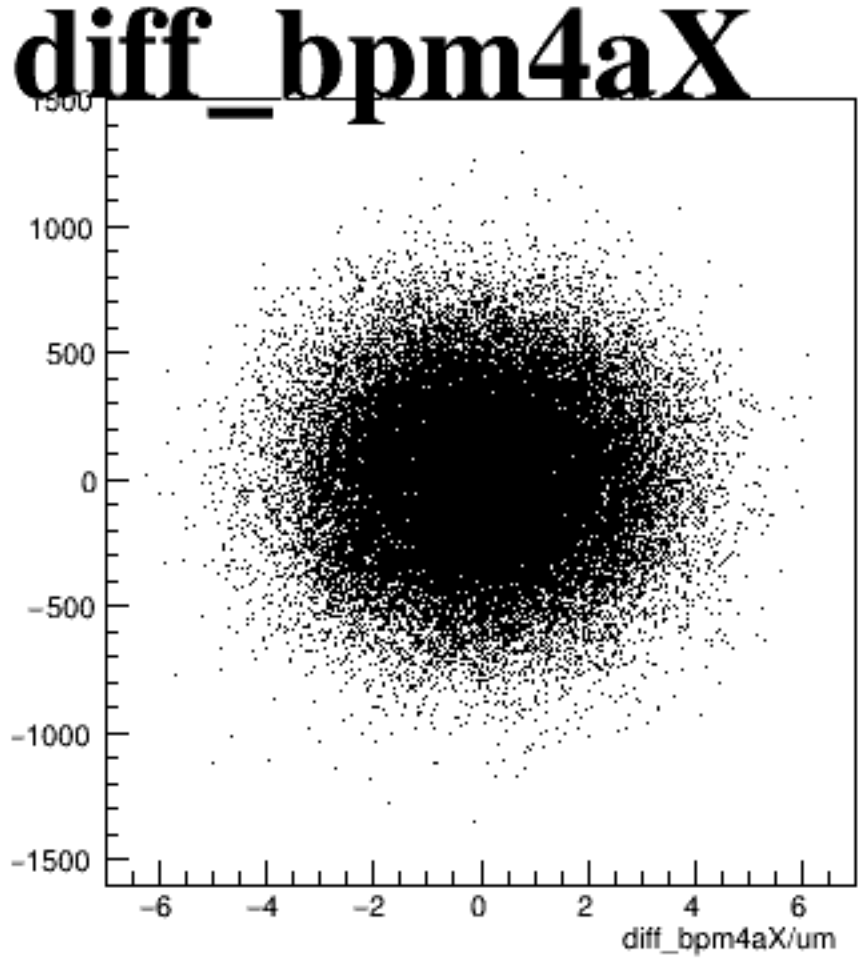
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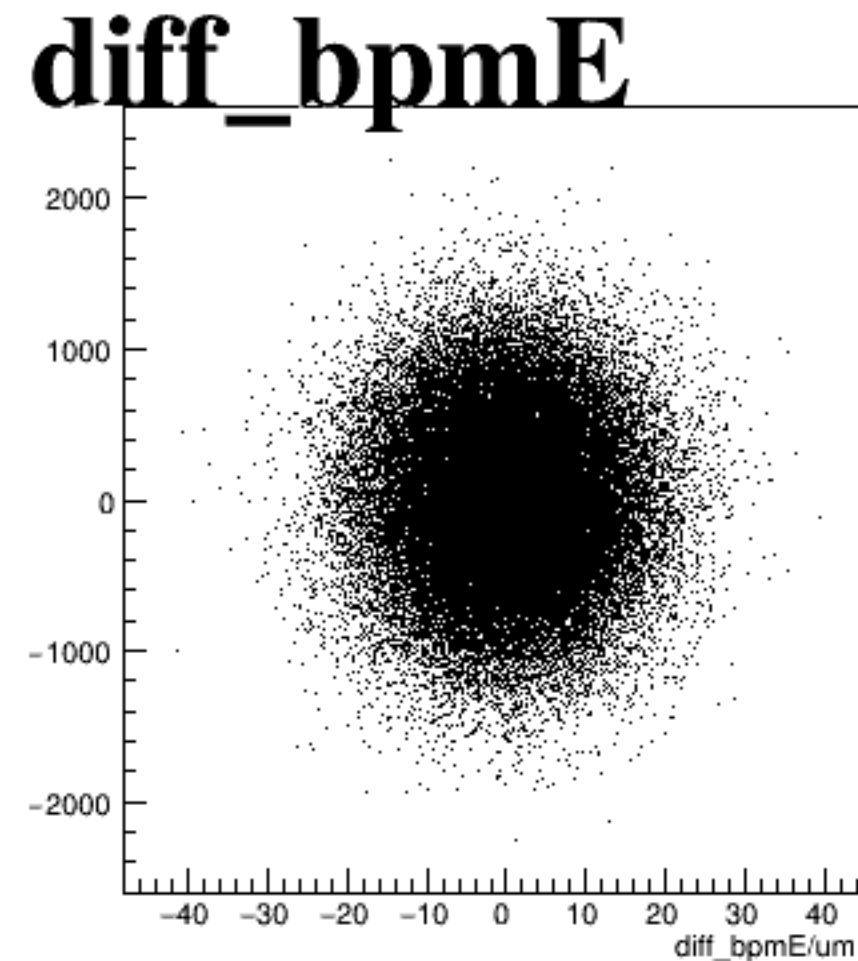
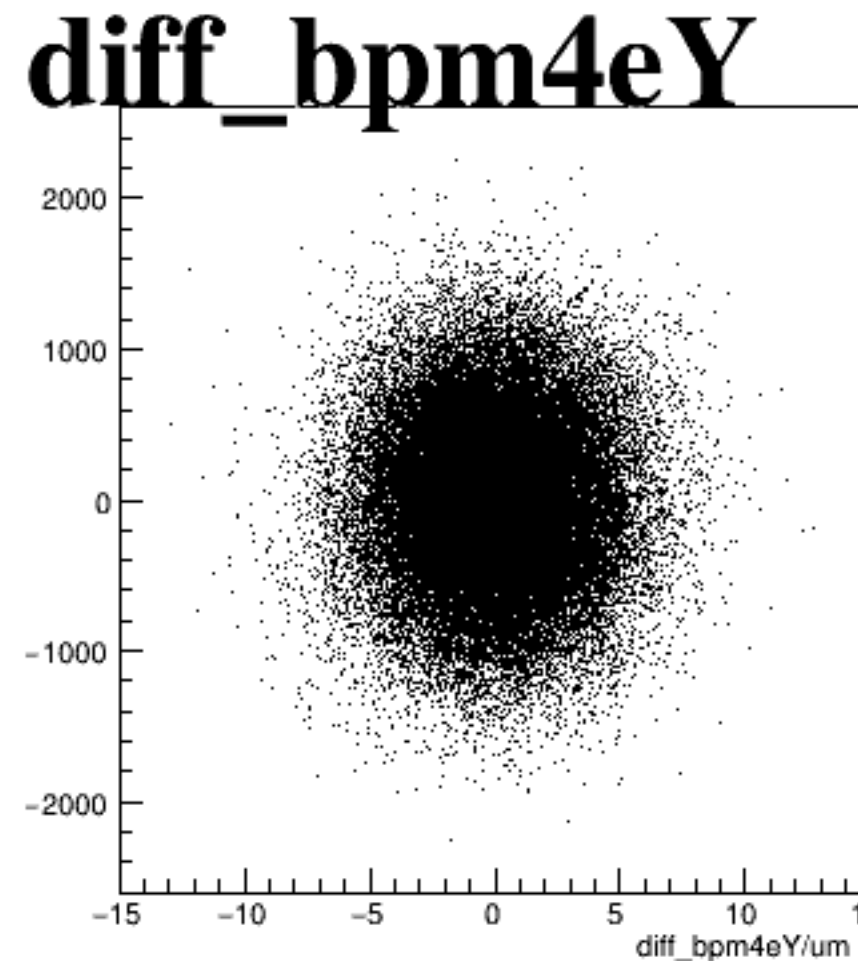
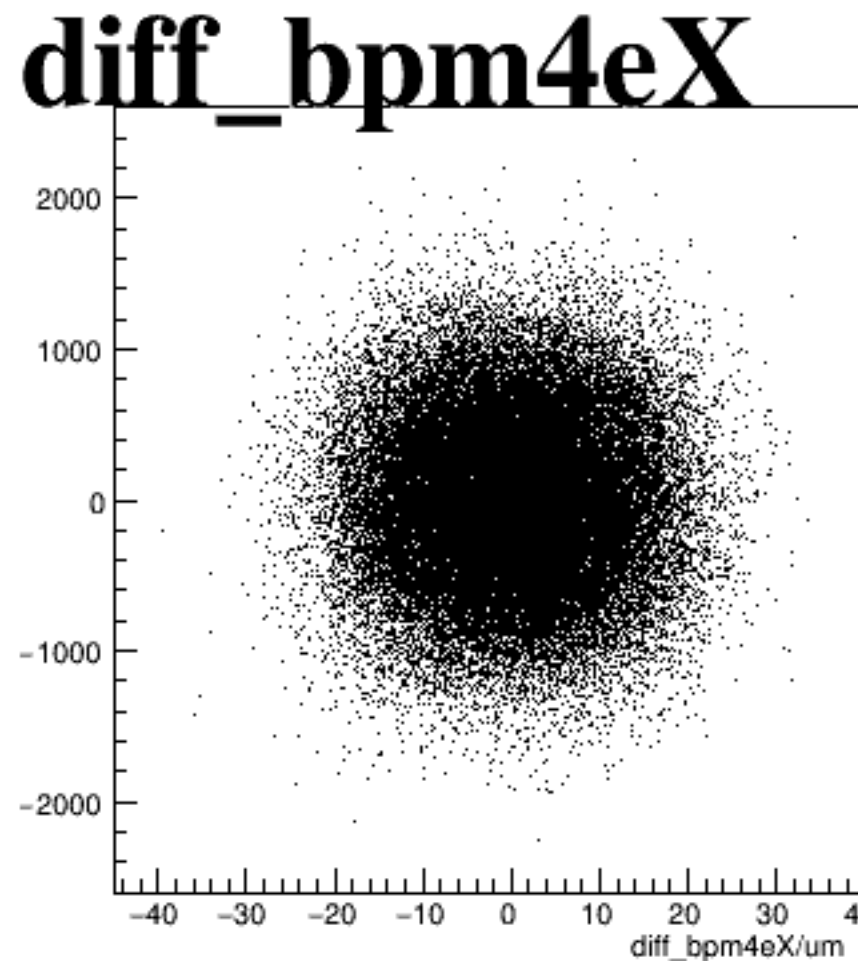
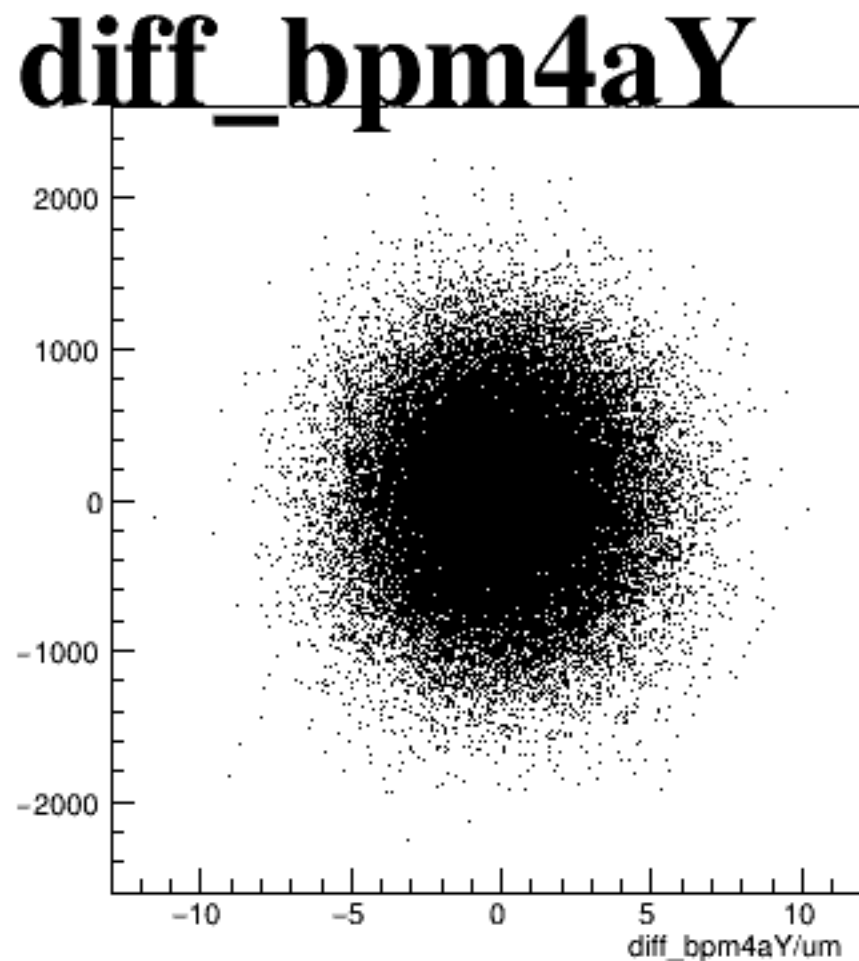
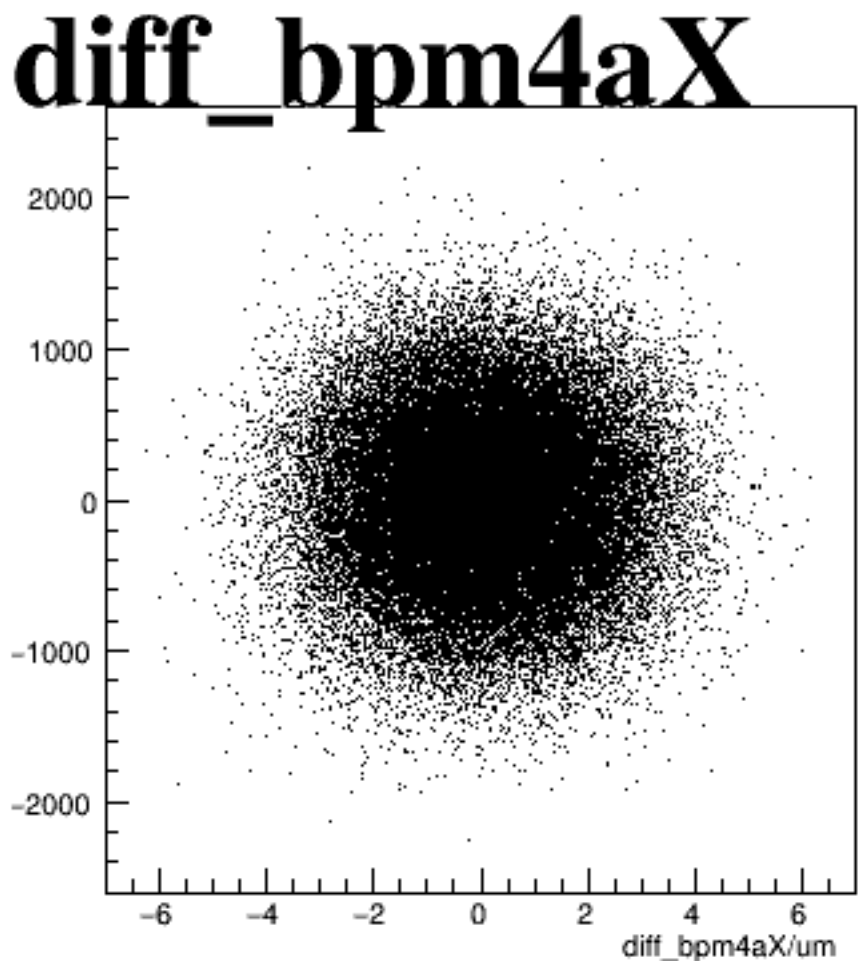
asym_sam7



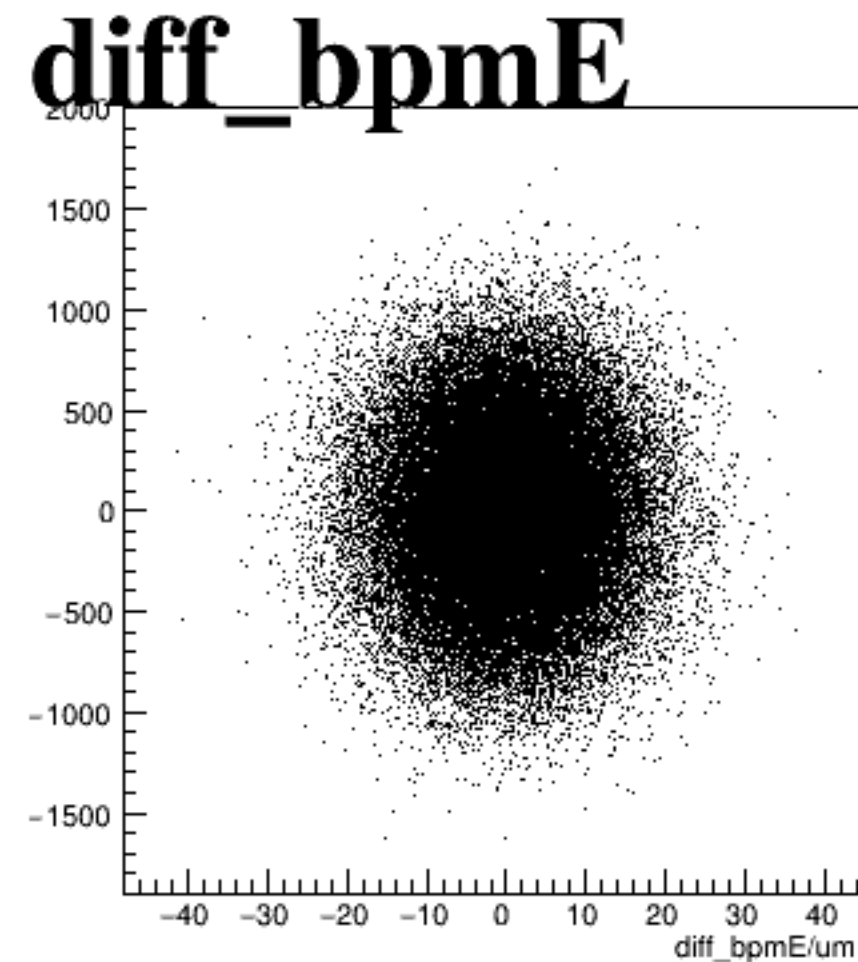
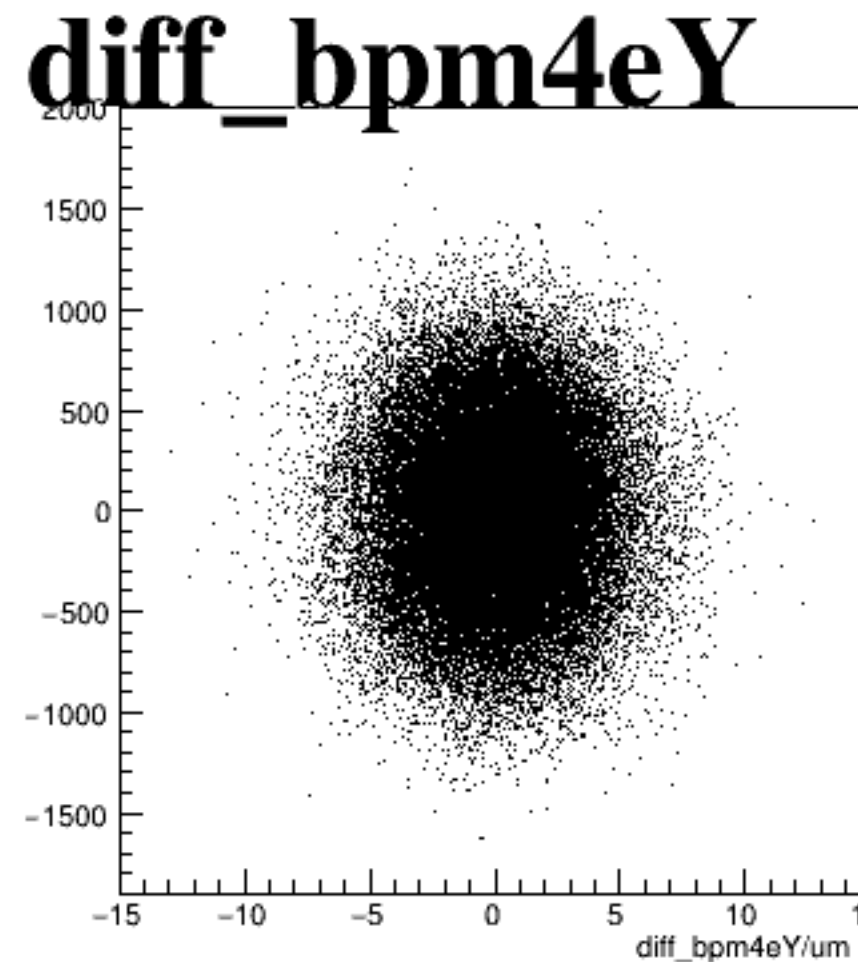
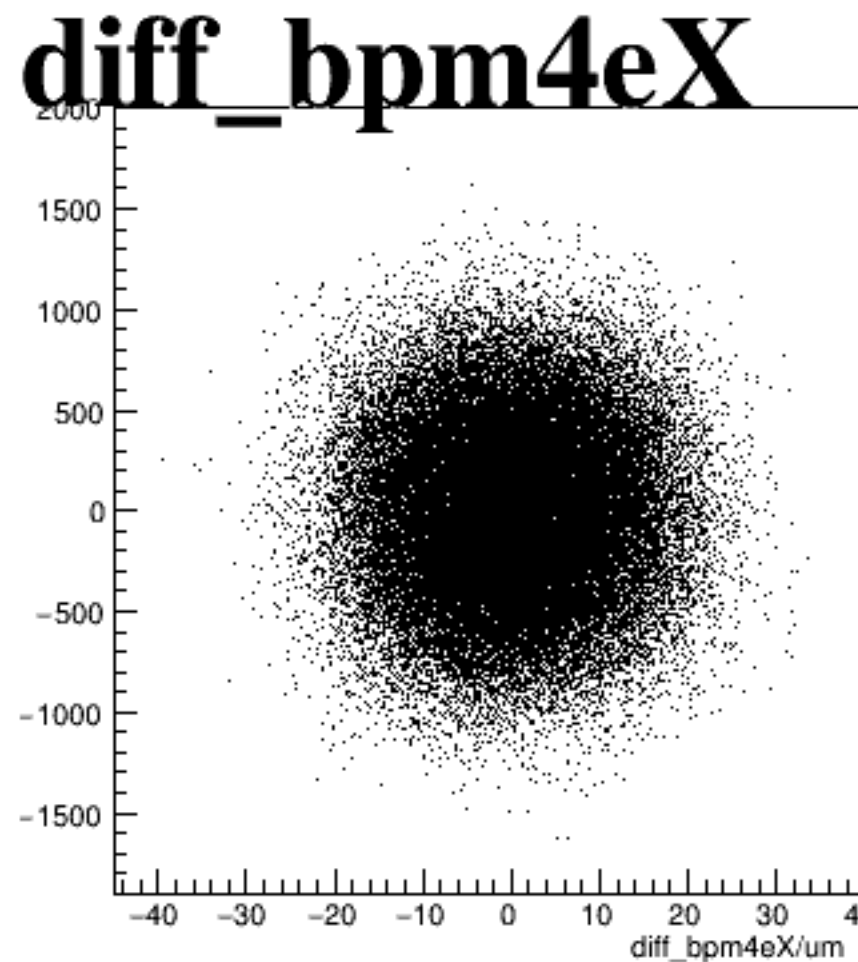
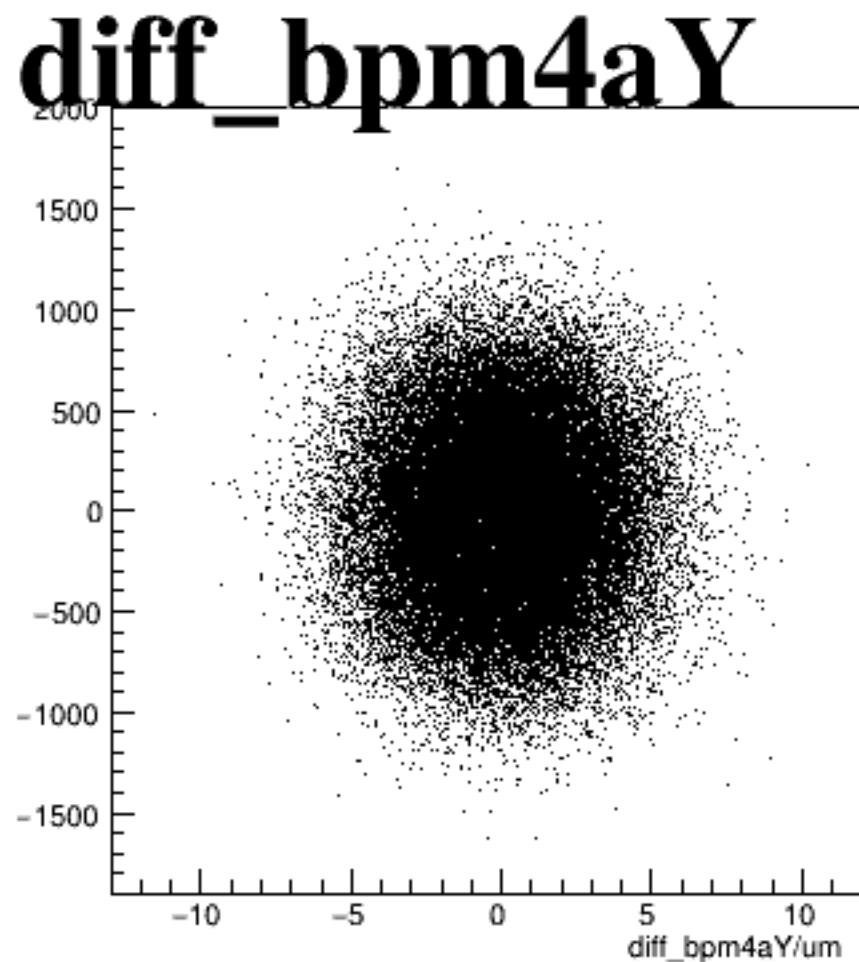
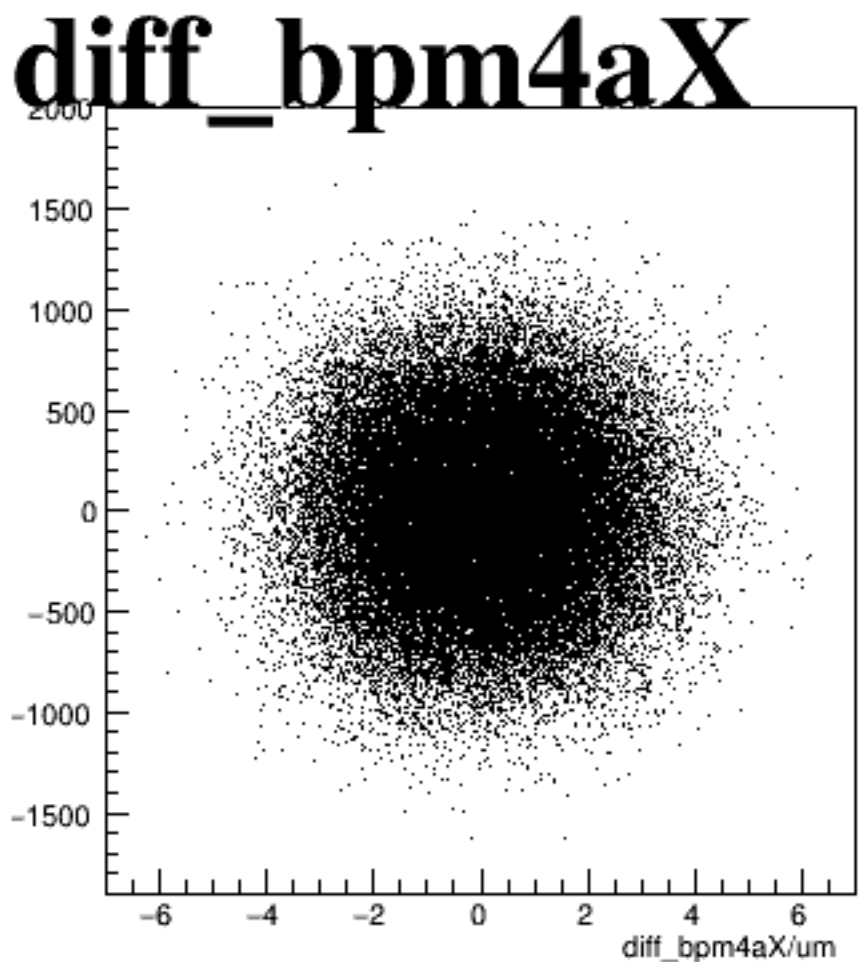
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

