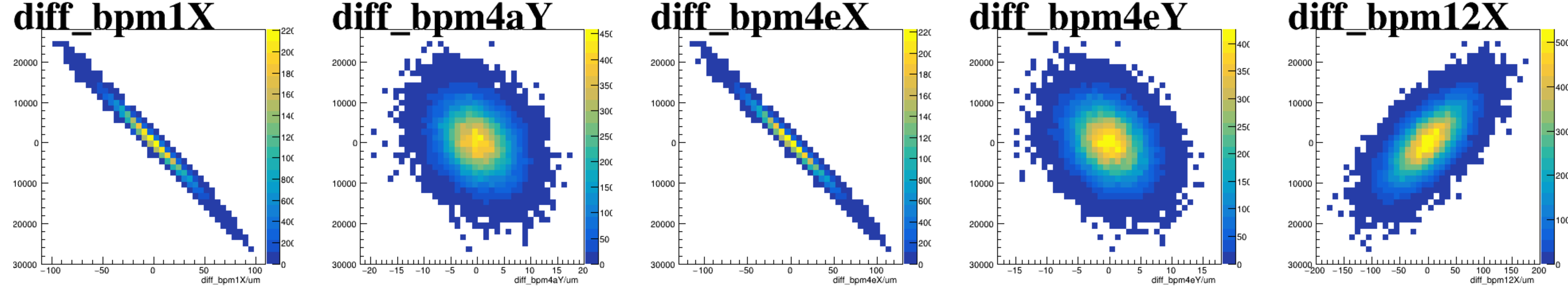
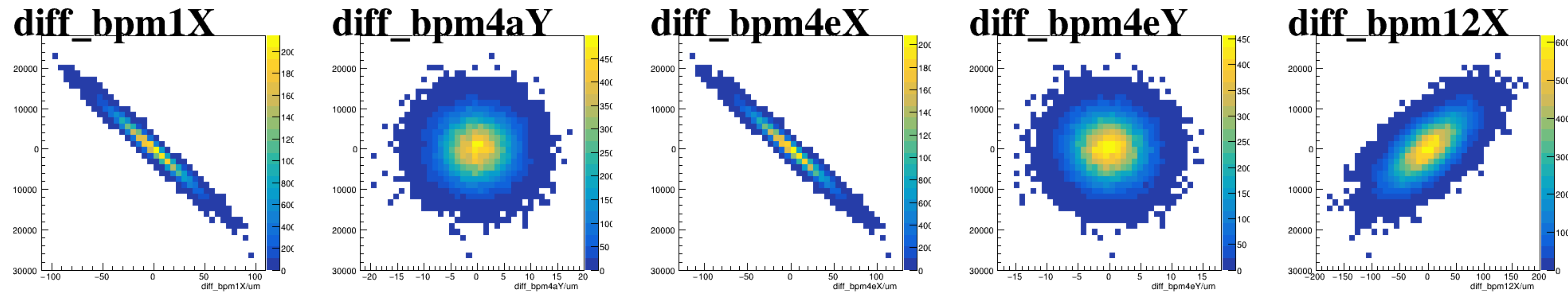


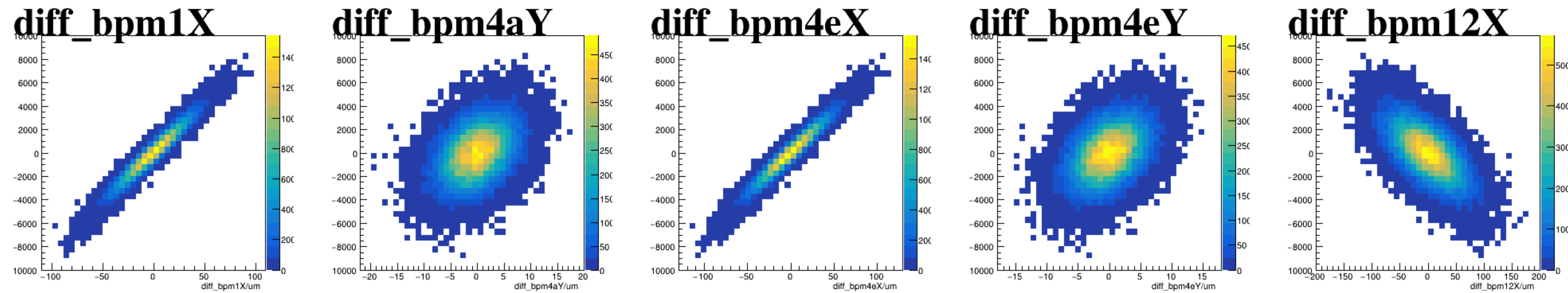
asym_sam2



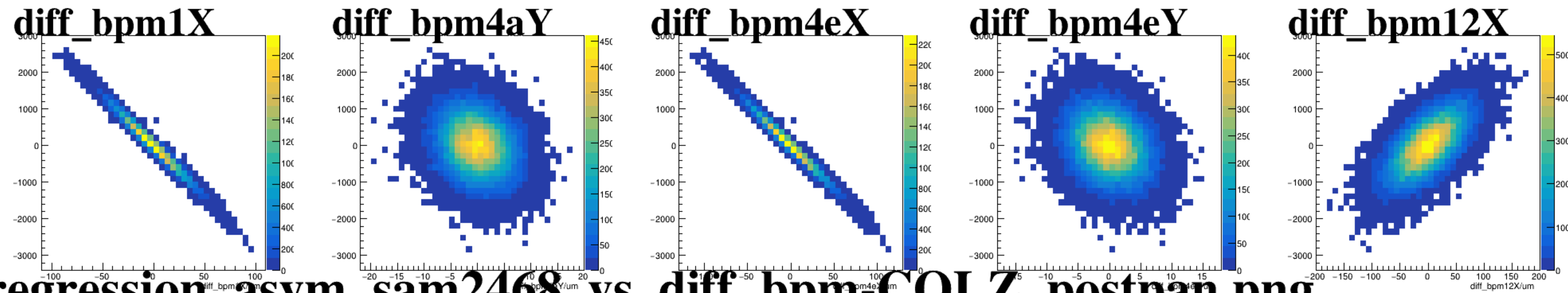
asym_sam4



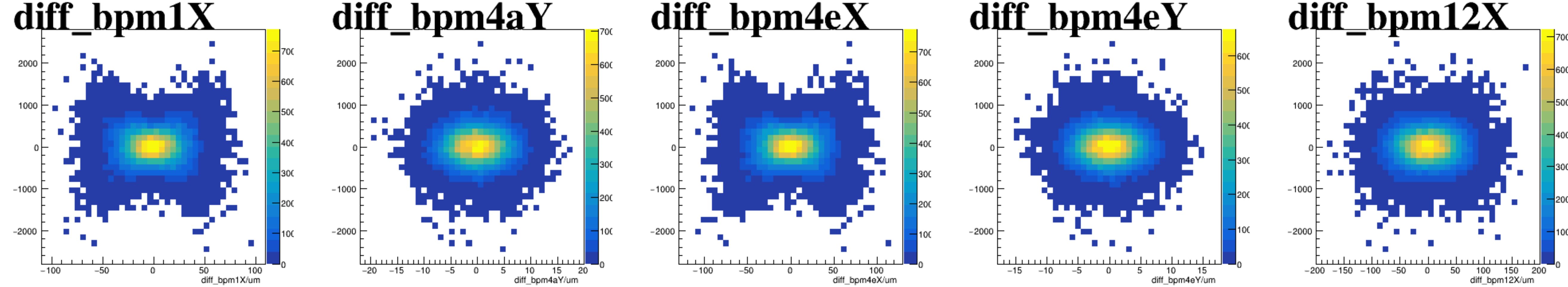
asym_sam6



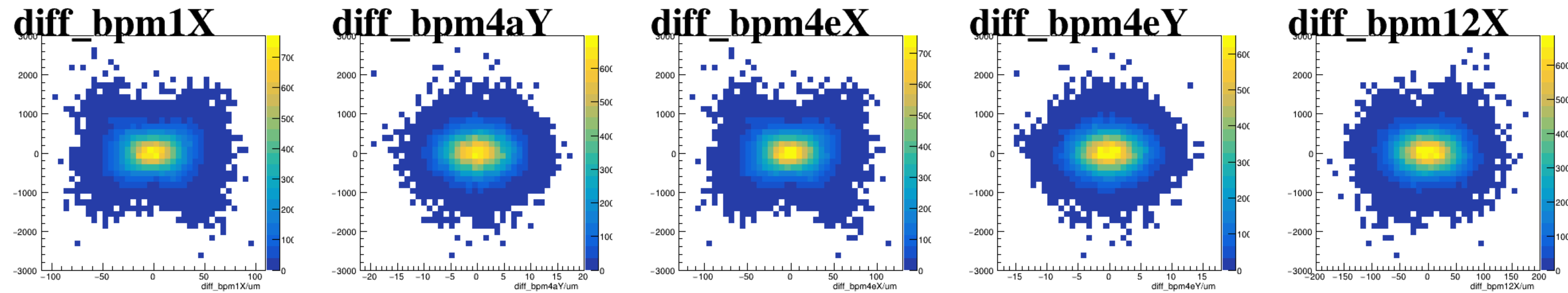
asym_sam8



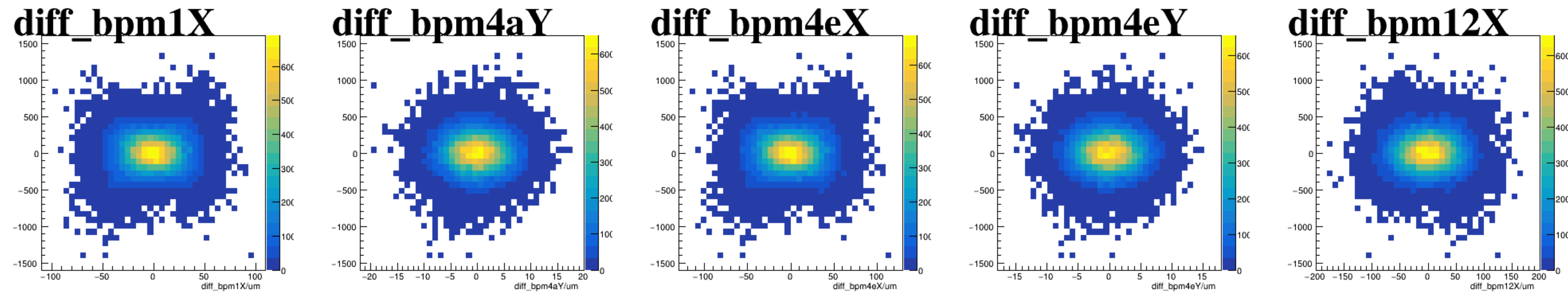
reg_asym_sam2



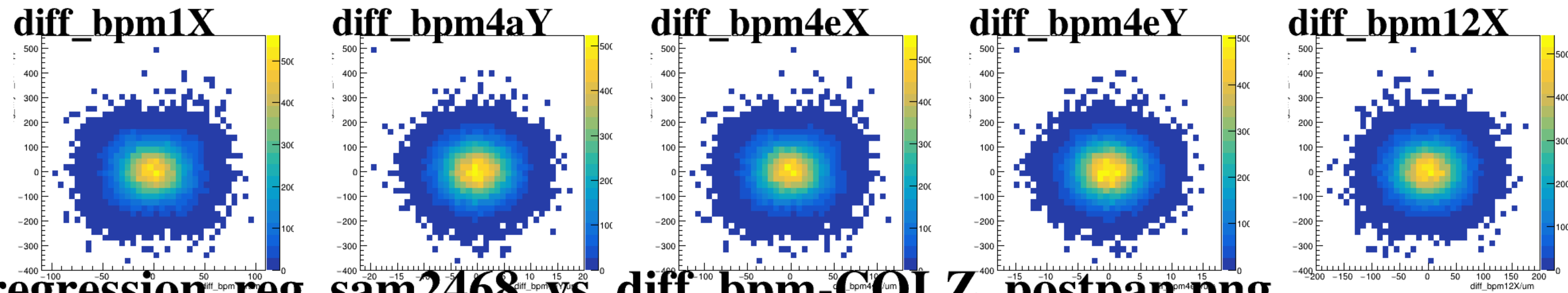
reg_asym_sam4



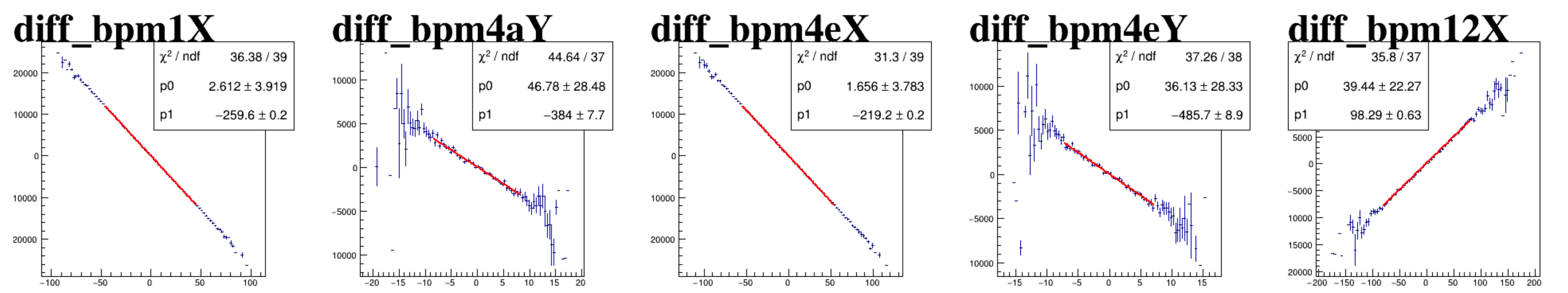
reg_asym_sam6



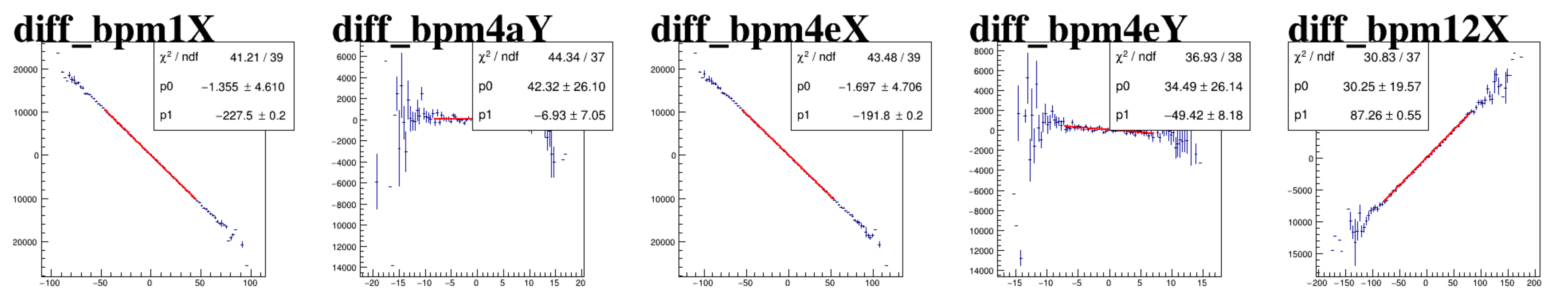
reg_asym_sam8



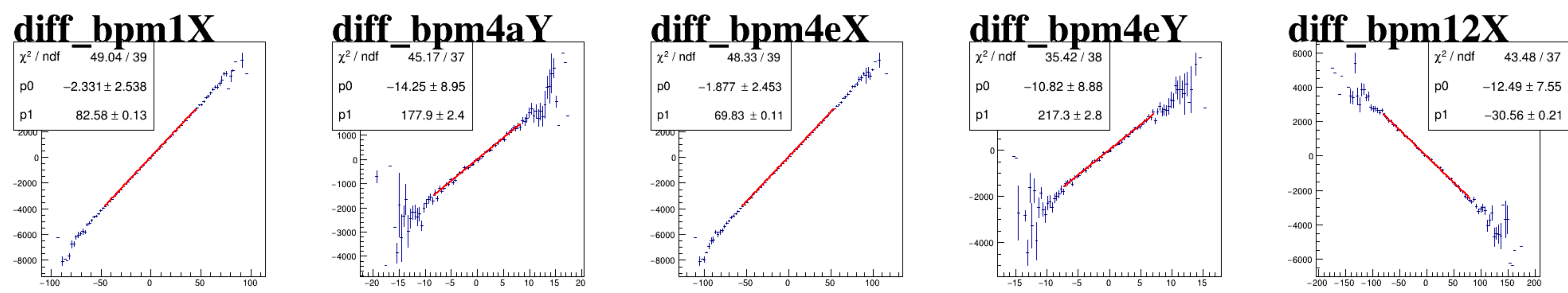
asym_sam2



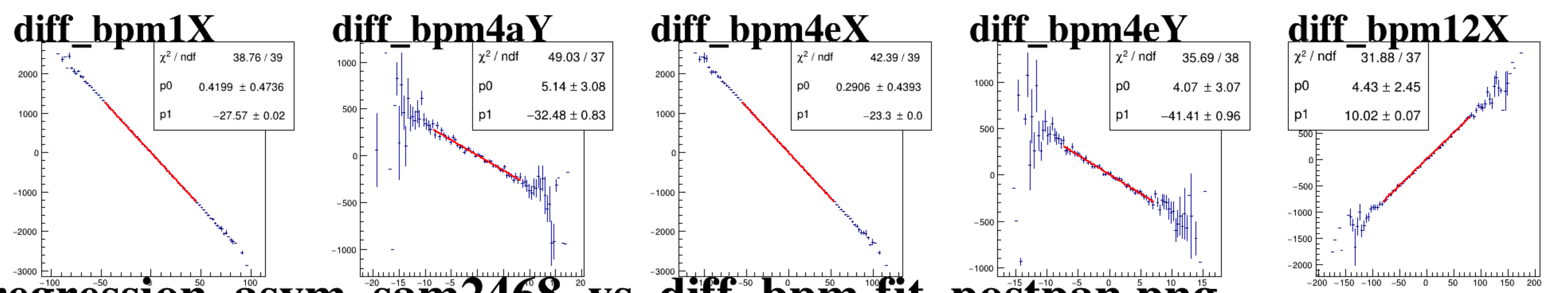
asym_sam4



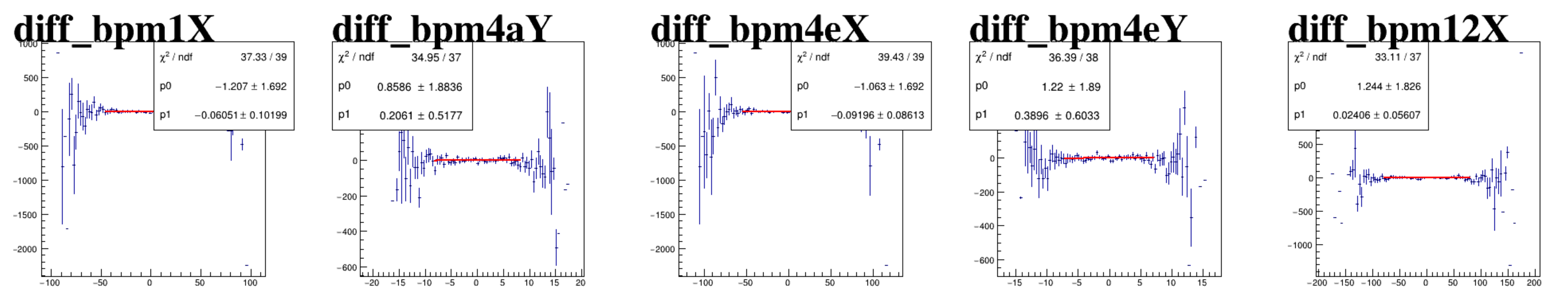
asym_sam6



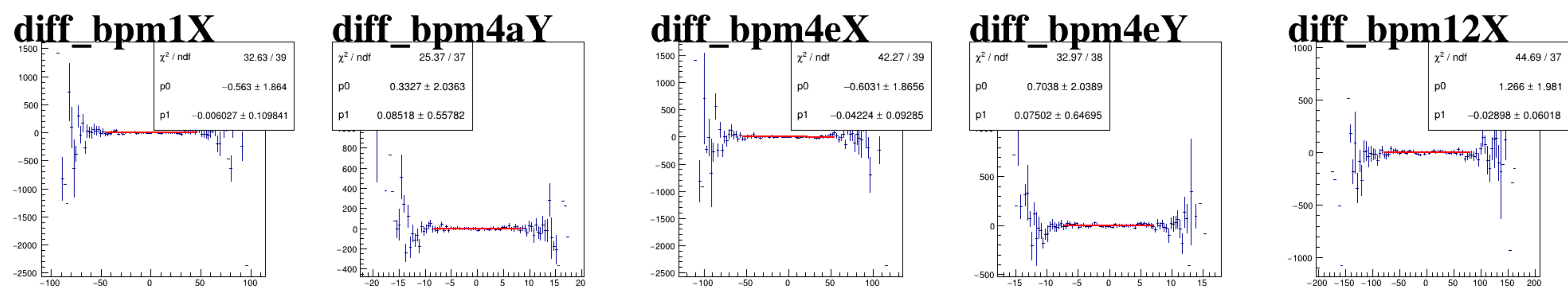
asym_sam8



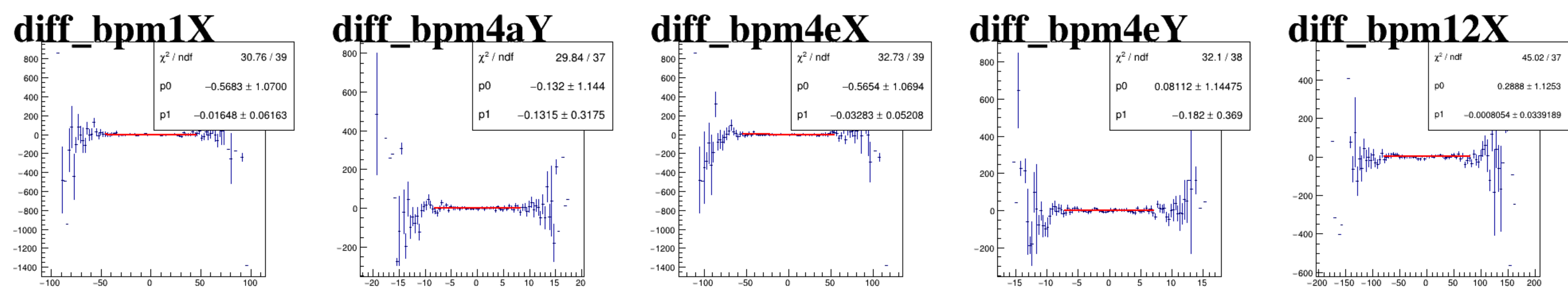
reg_asym_sam2



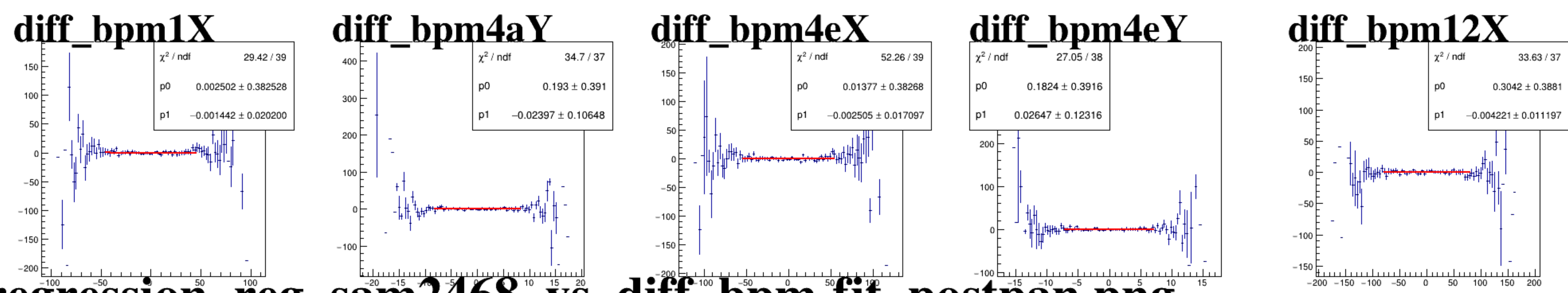
reg_asym_sam4



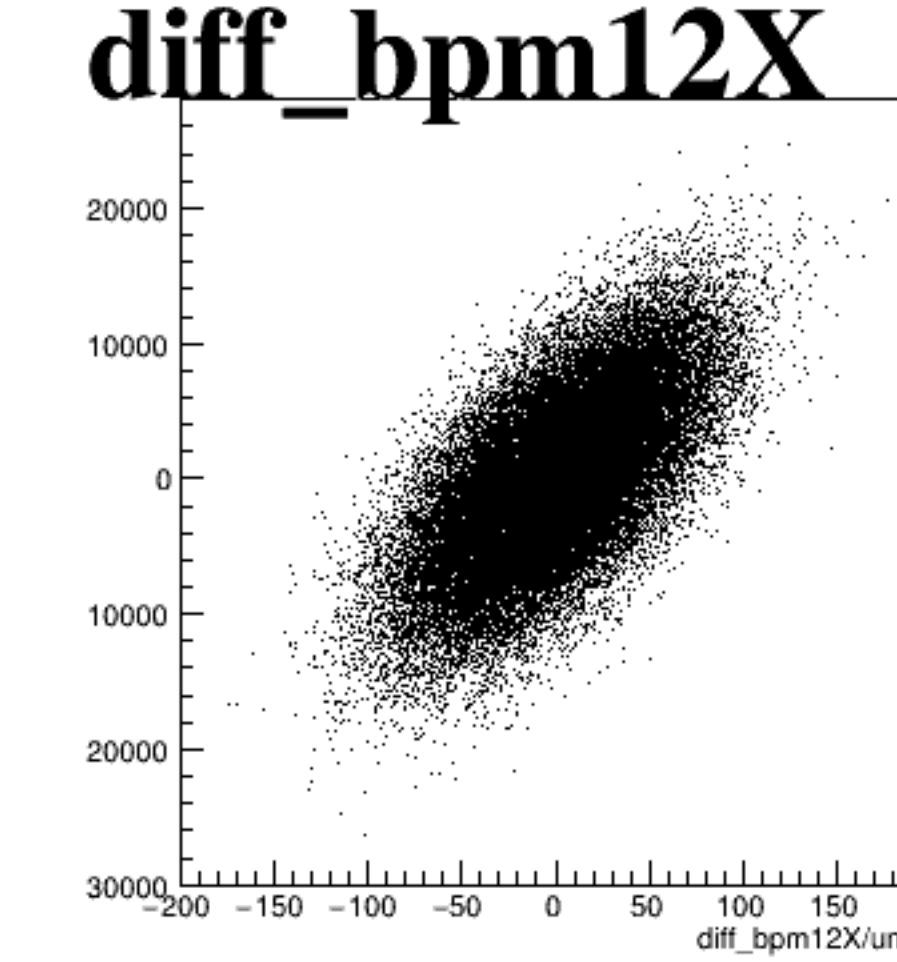
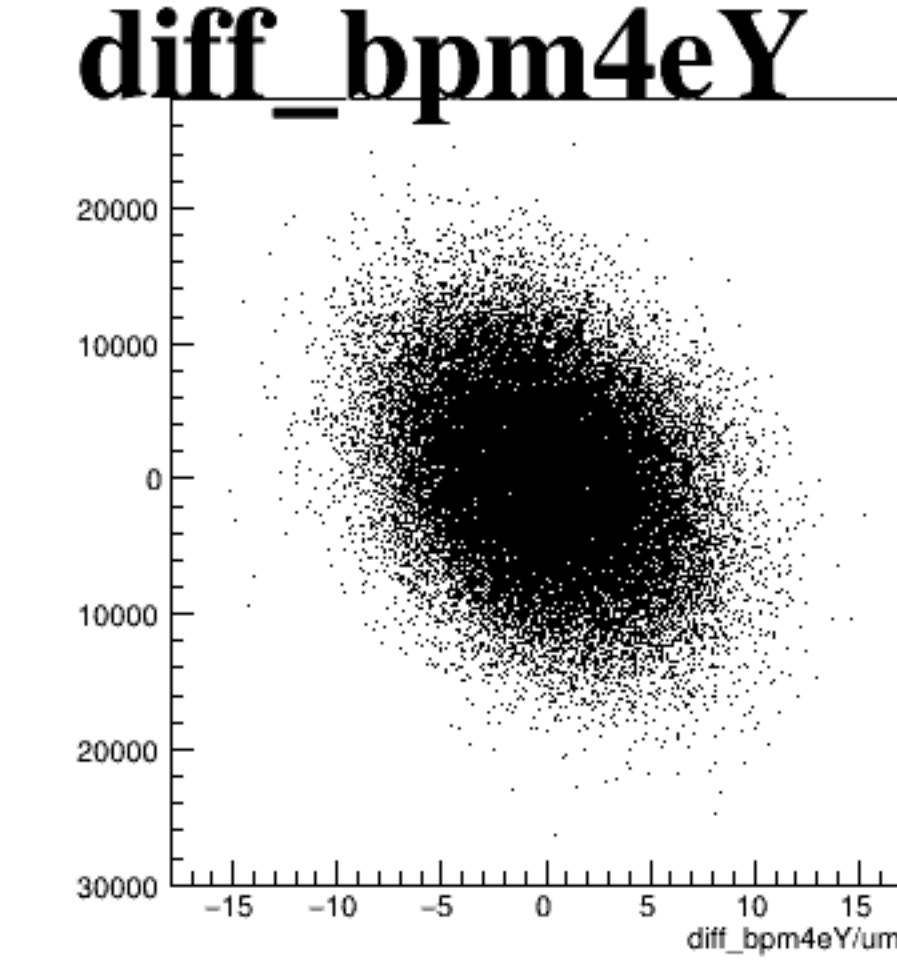
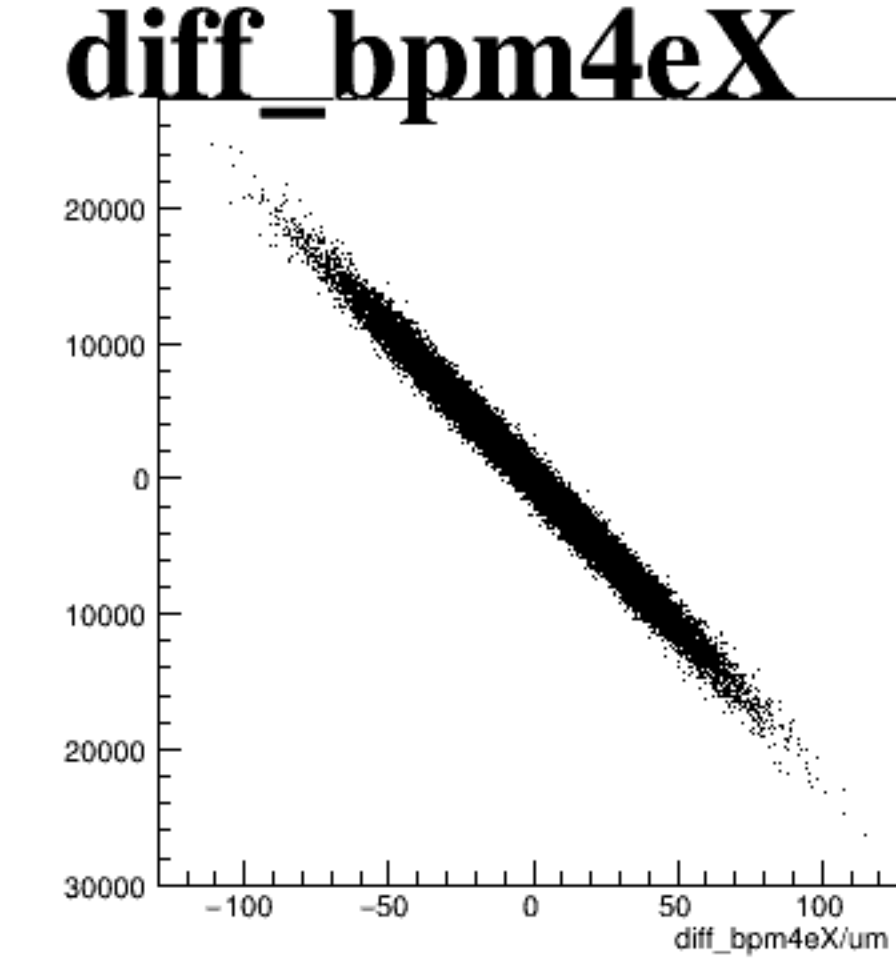
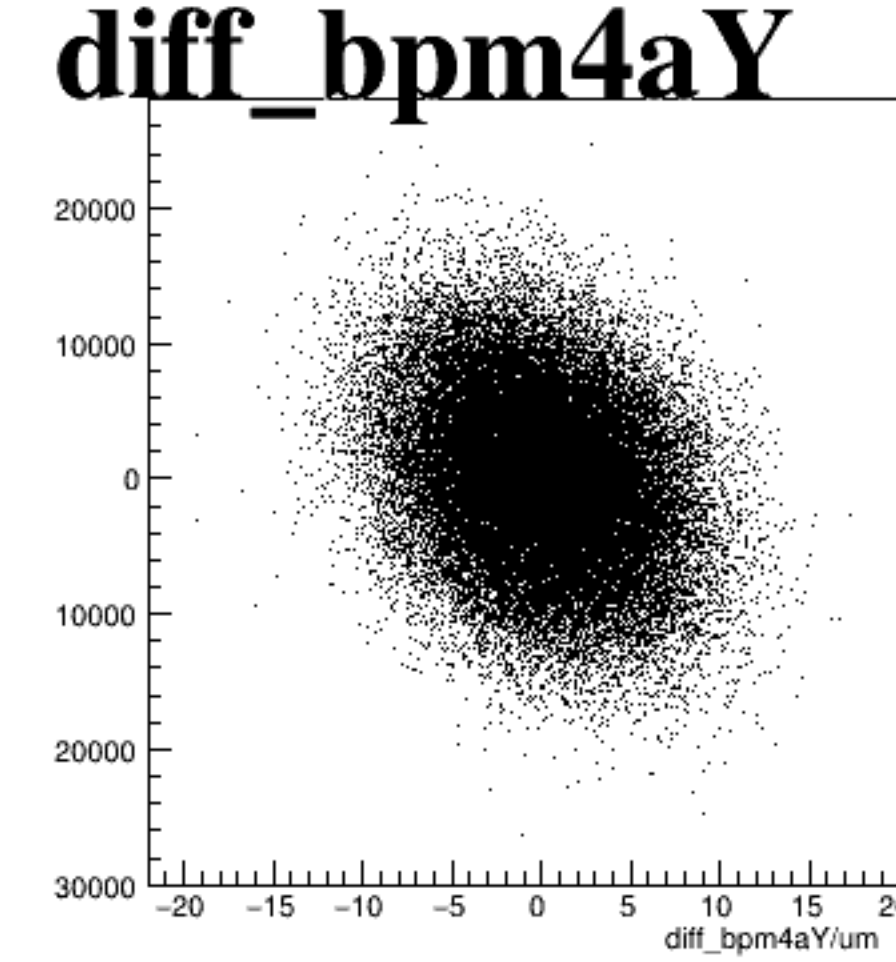
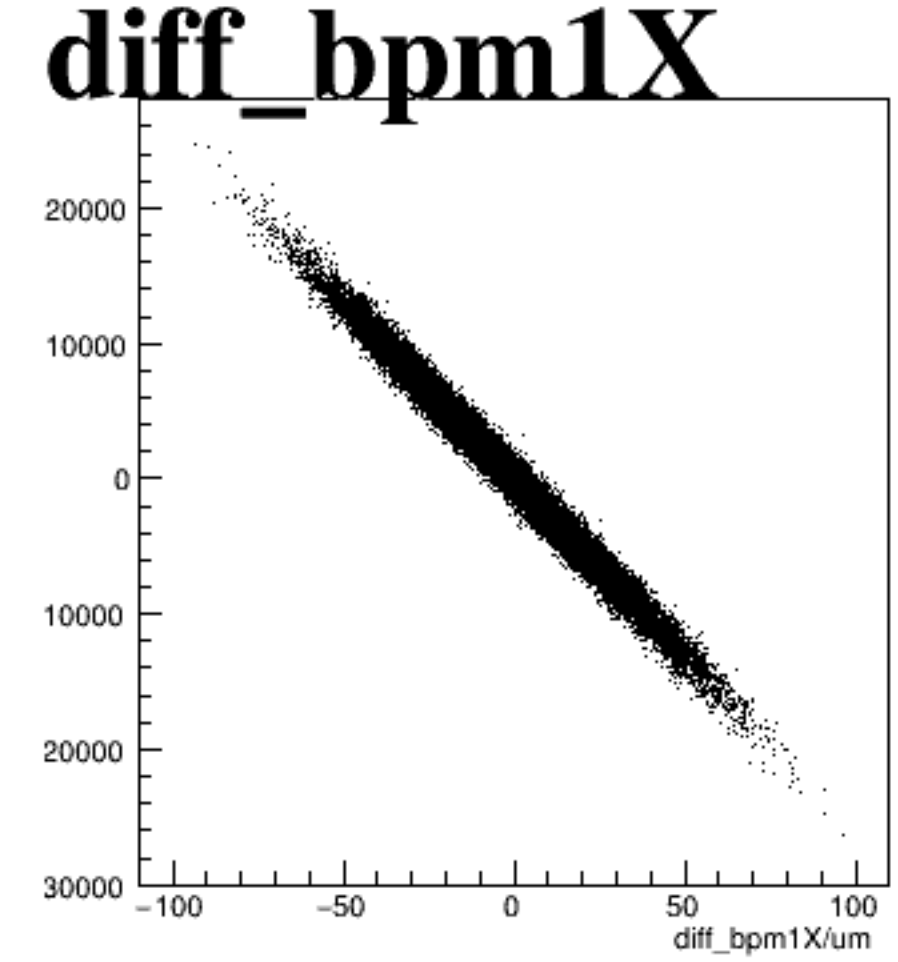
reg_asym_sam6



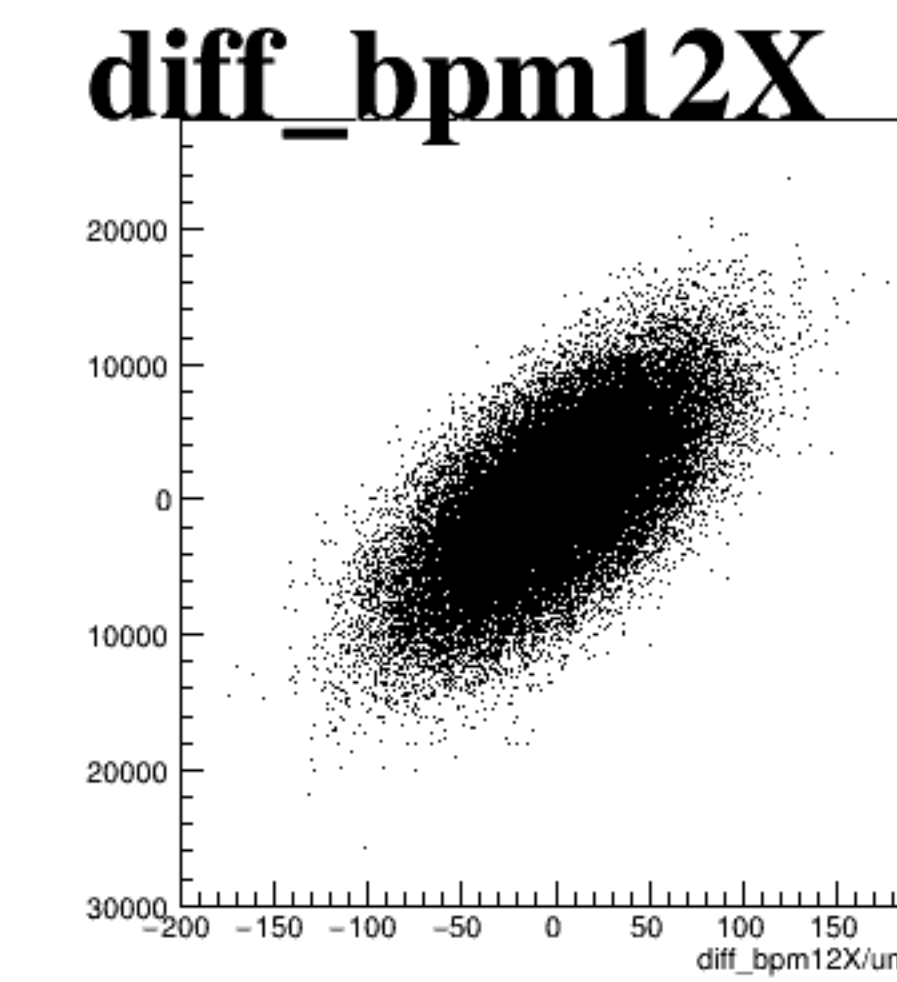
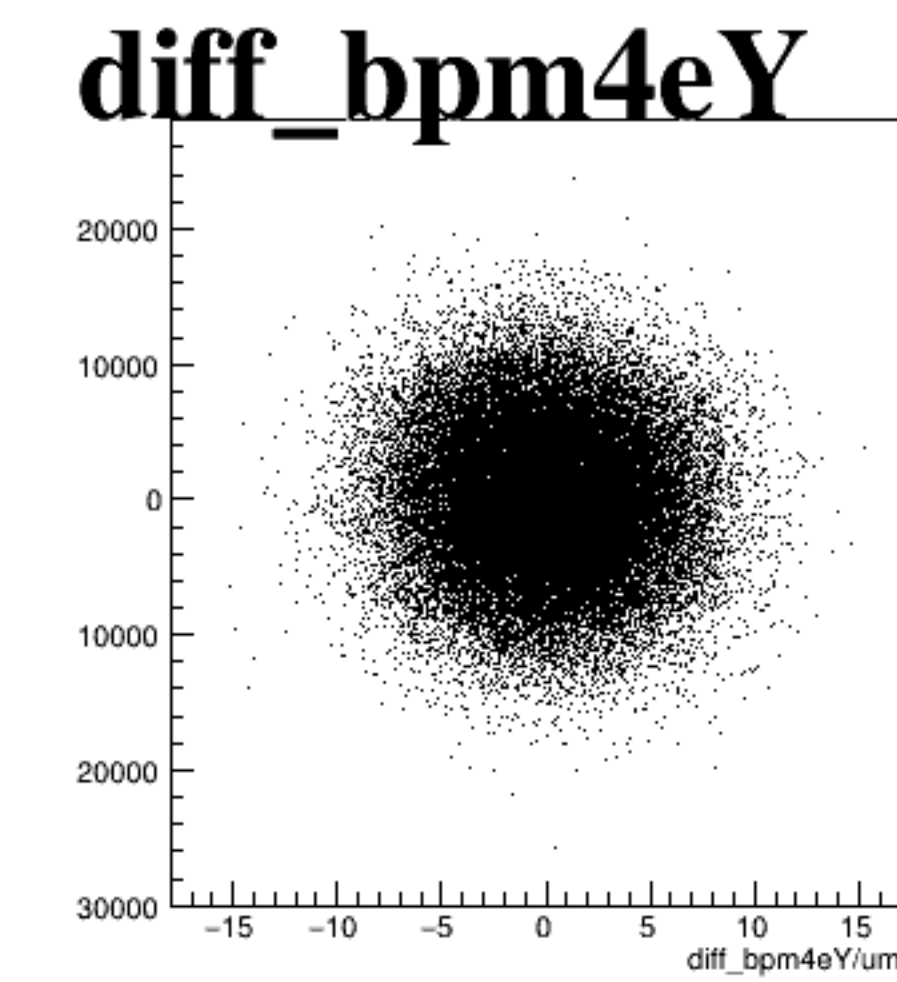
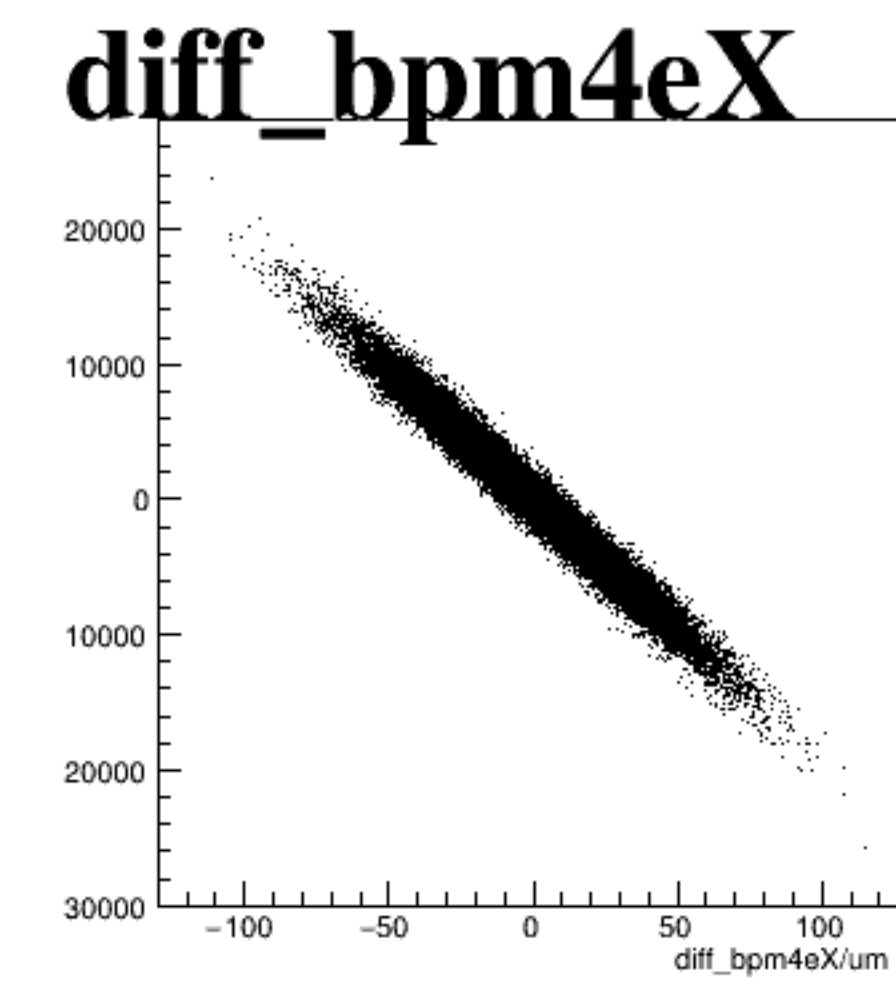
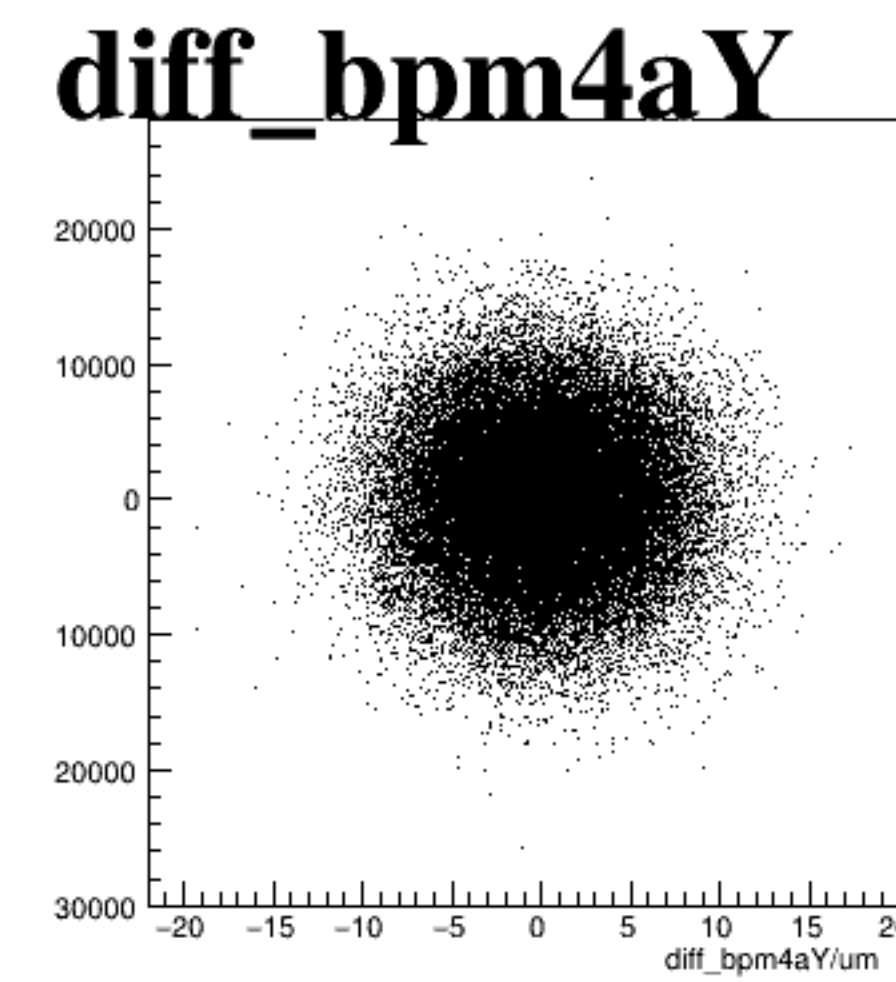
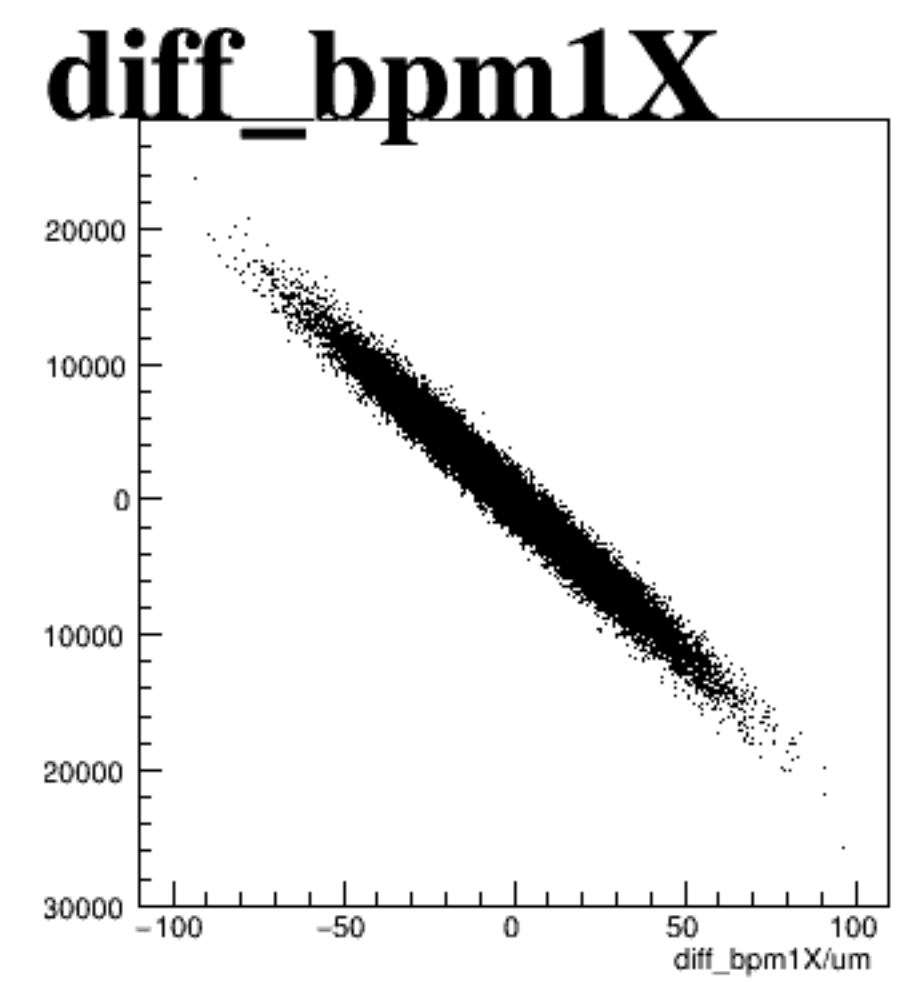
reg_asym_sam8



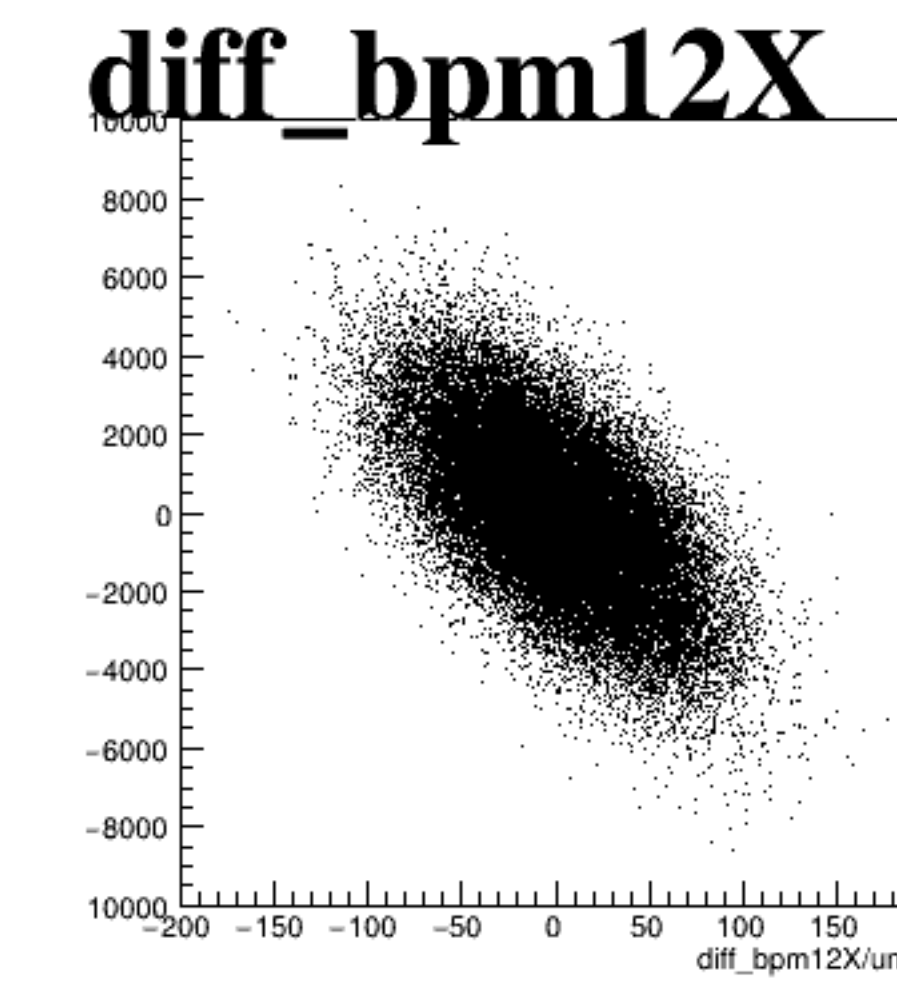
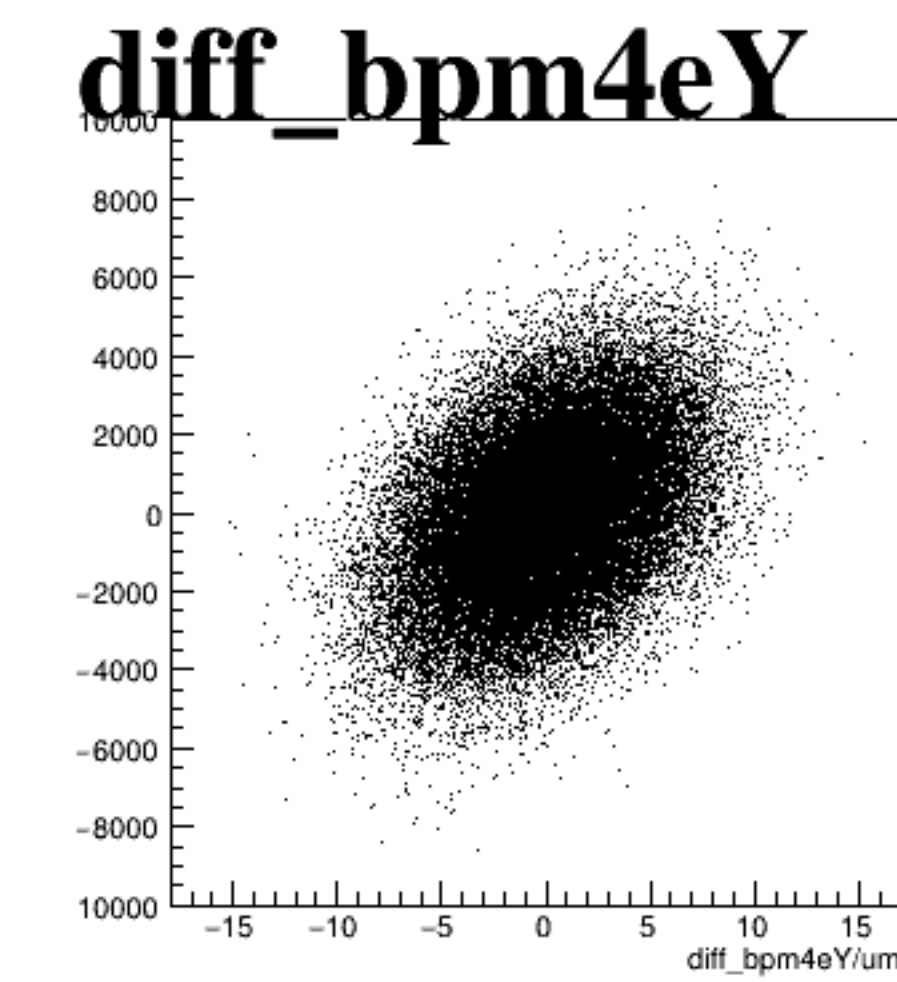
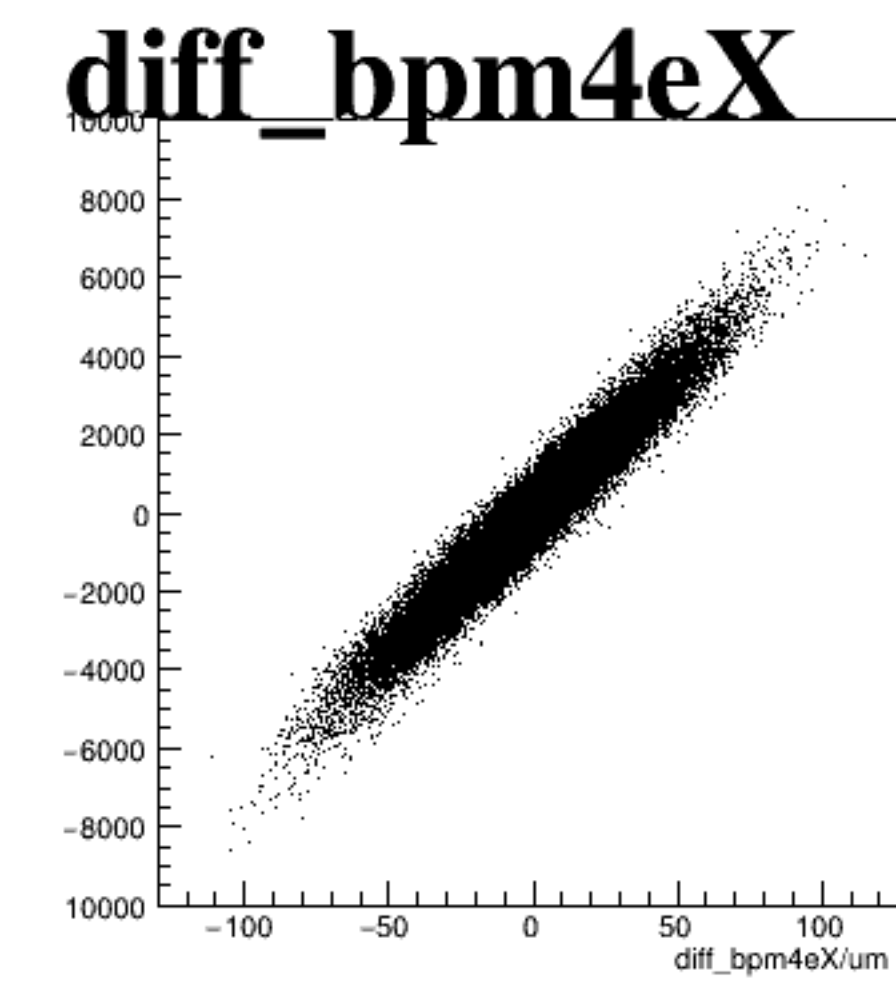
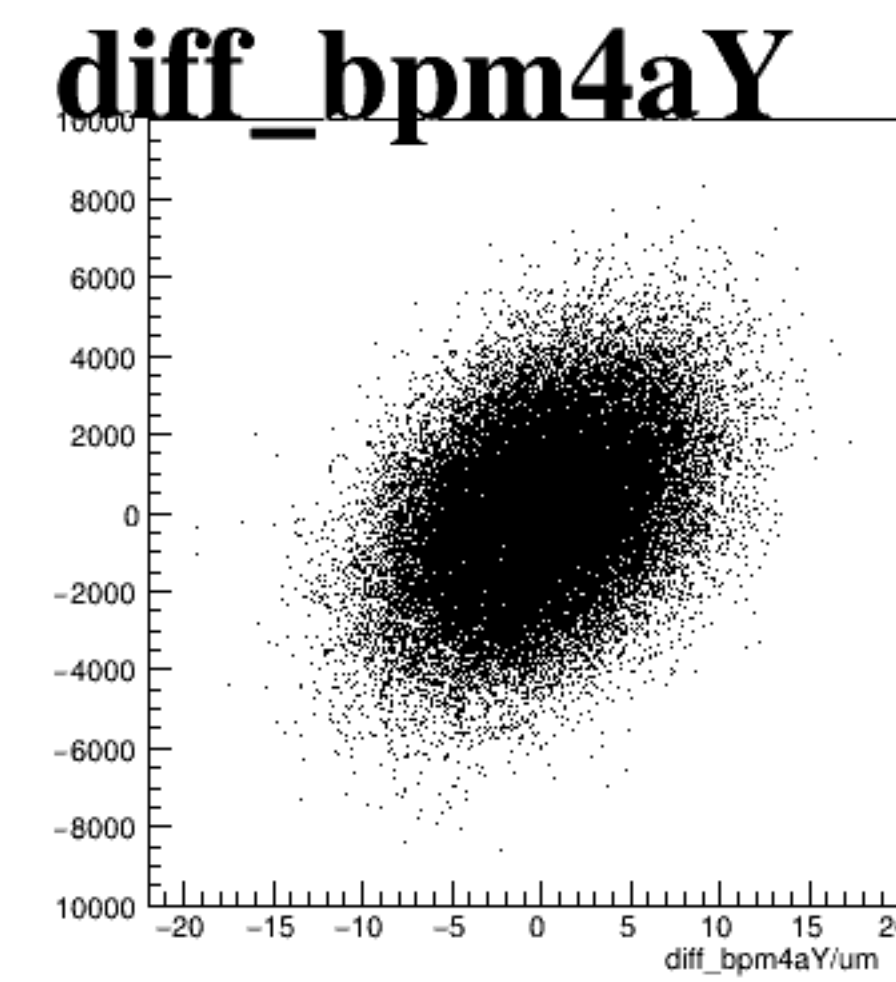
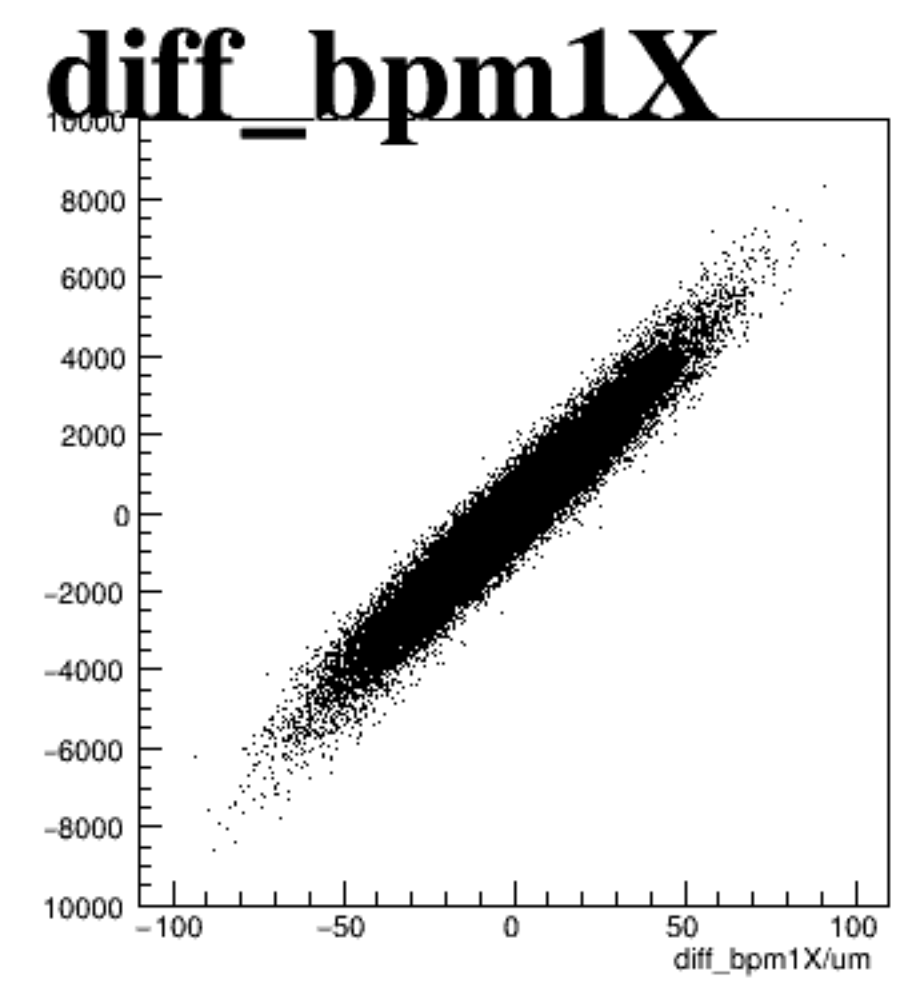
asym_sam2



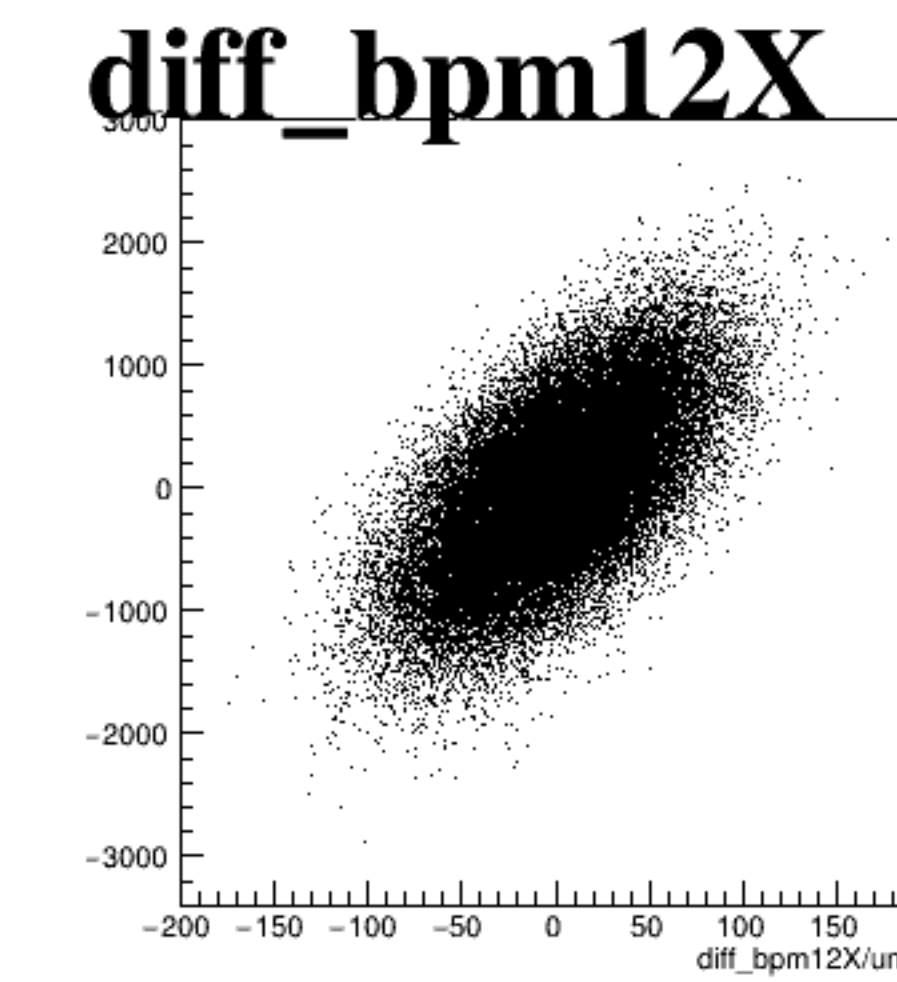
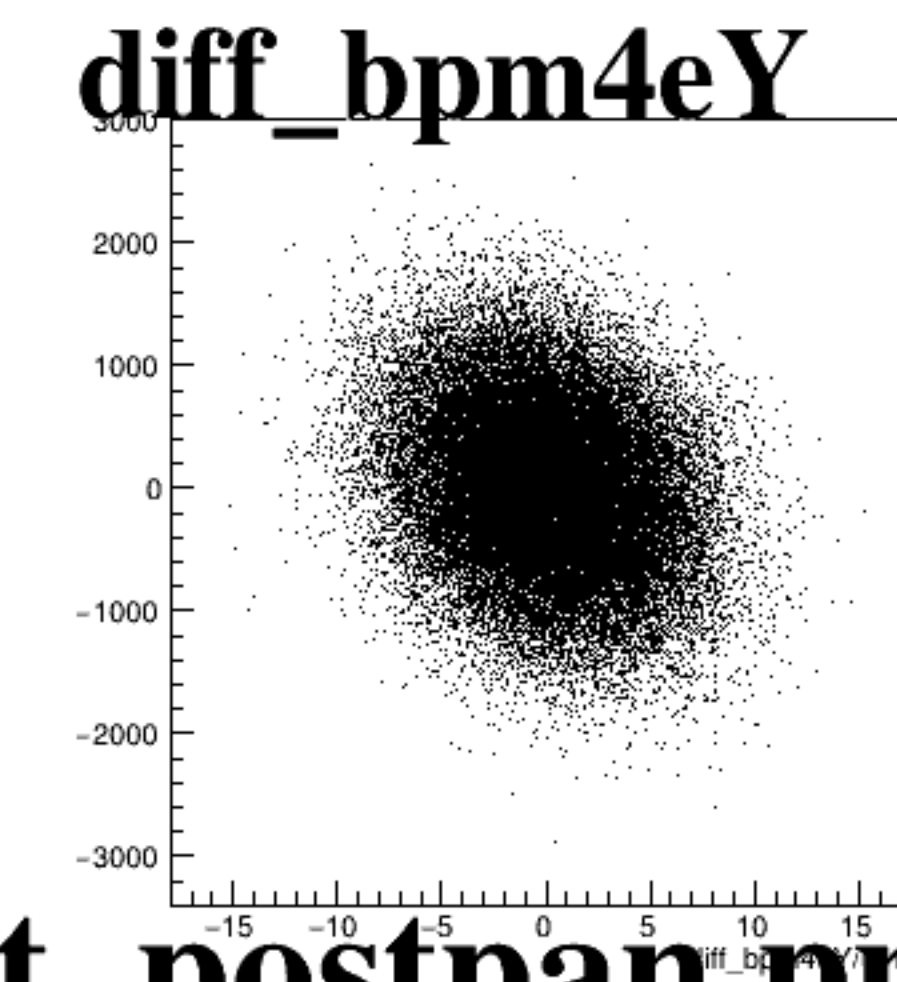
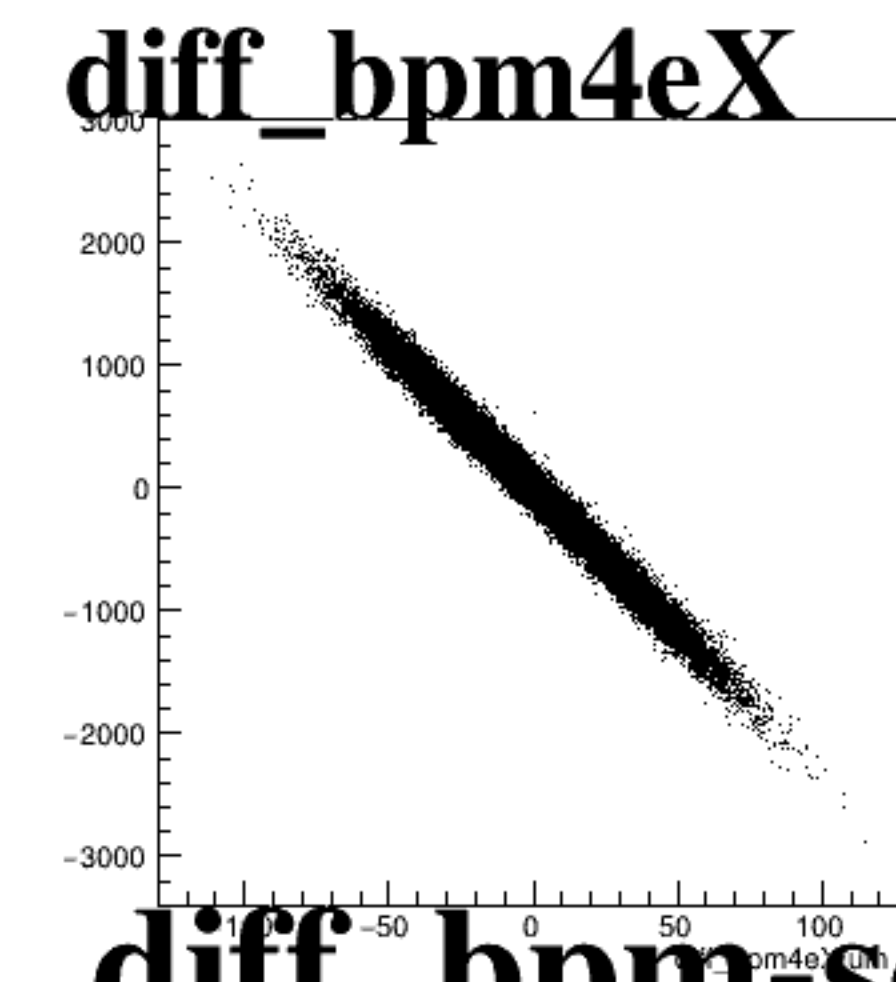
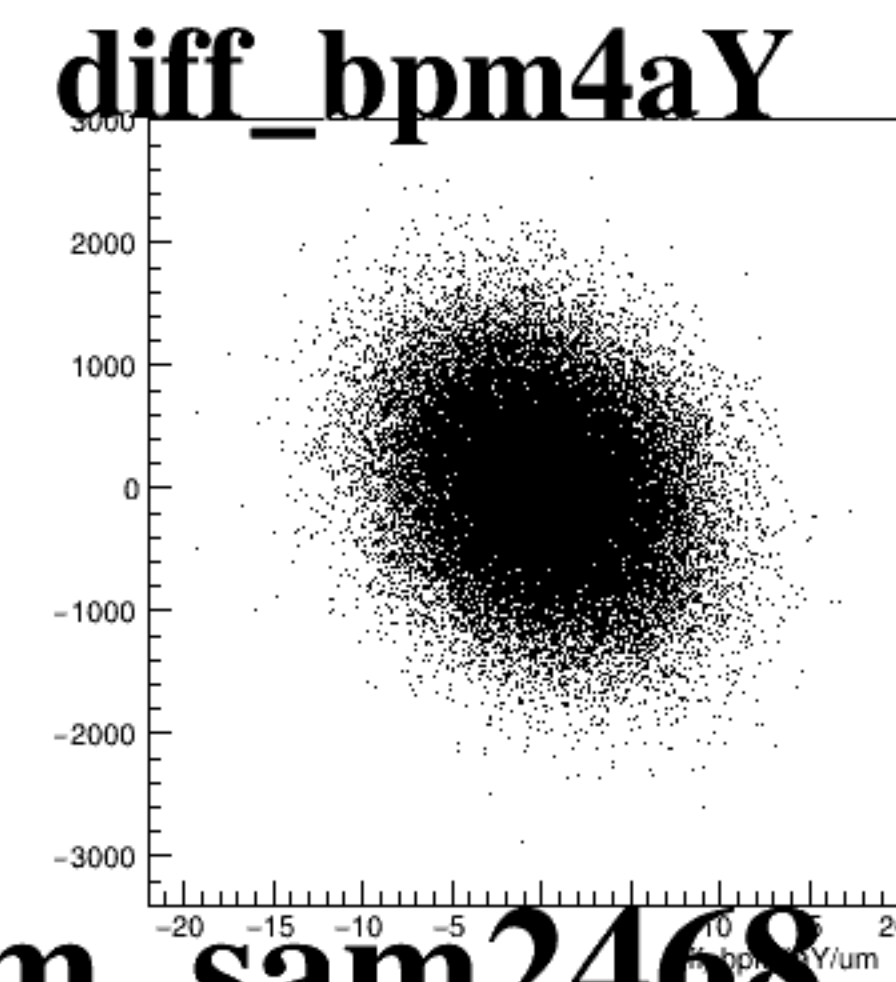
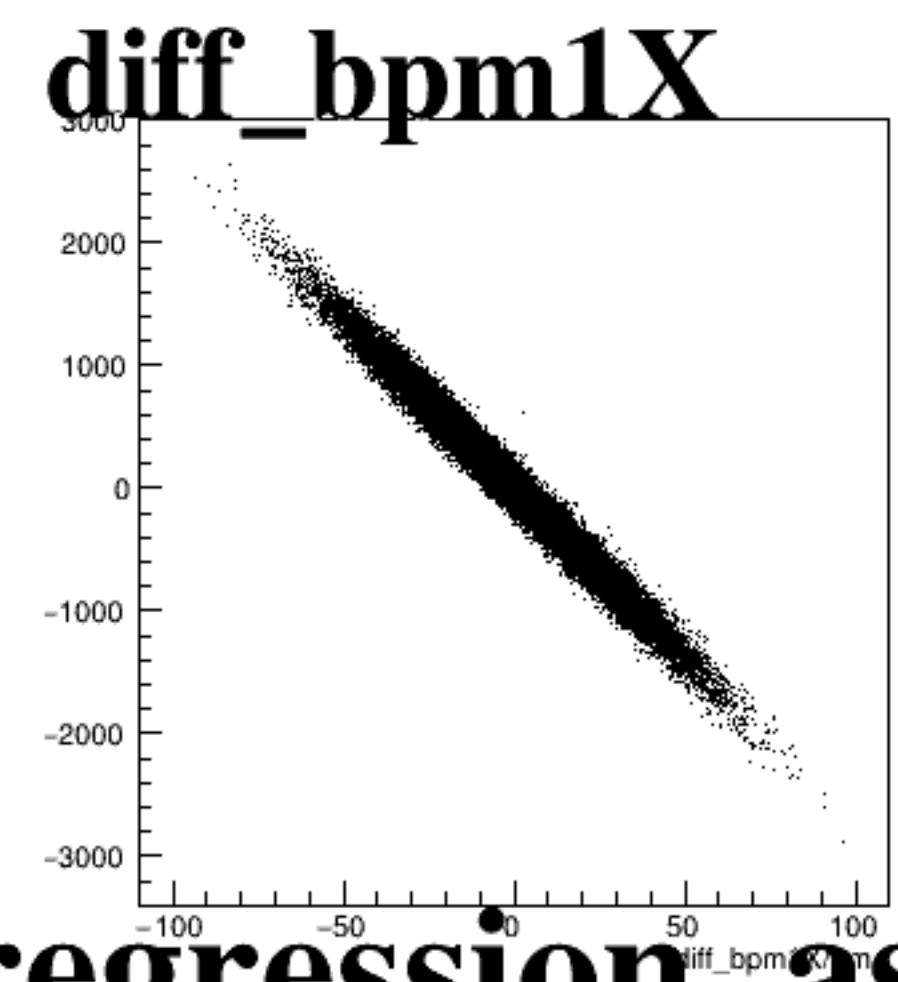
asym_sam4



asym_sam6



asym_sam8

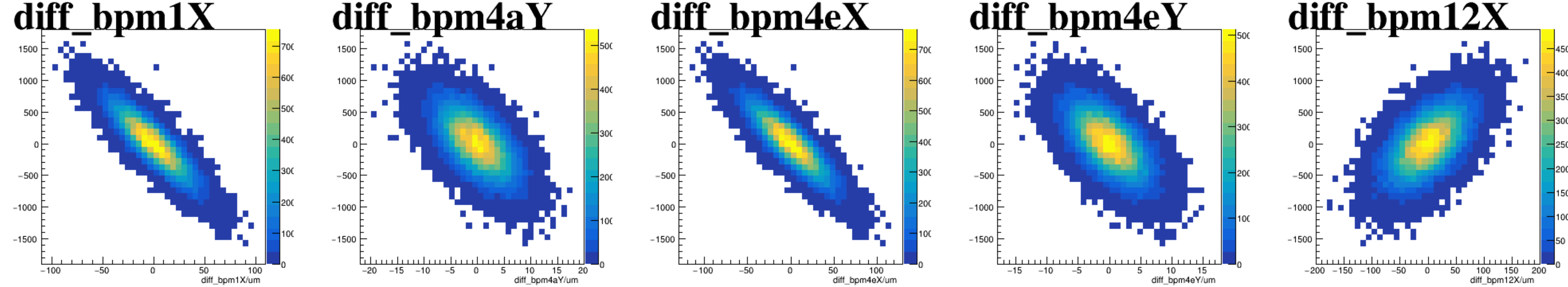


The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences between beam position measurements. The plots are labeled as follows:

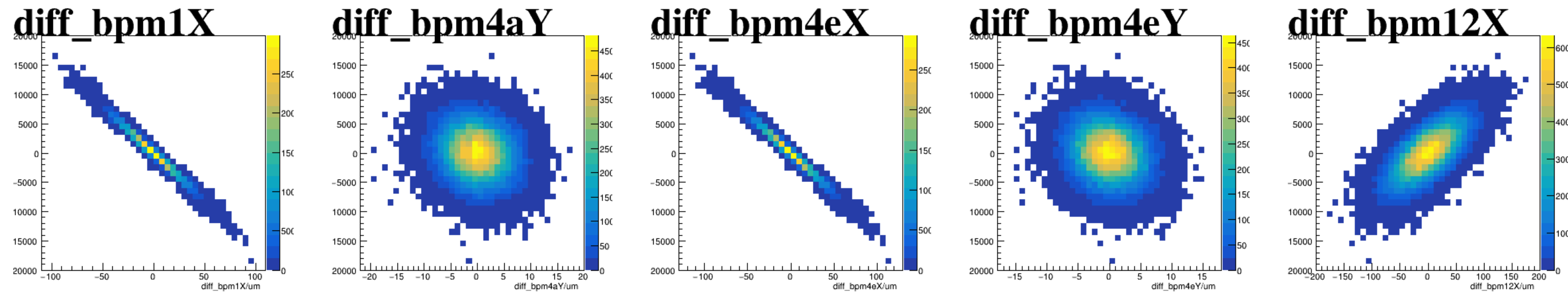
- diff_bpm1X**: The x-axis is labeled `diff_bpm1X/um` and ranges from -100 to 100. The y-axis ranges from -2000 to 2000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -20 to 20. The y-axis ranges from -2000 to 2000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -100 to 100. The y-axis ranges from -2000 to 2000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -15 to 15. The y-axis ranges from -2000 to 2000.
- diff_bpm12X**: The x-axis is labeled `diff_bpm12X/um` and ranges from -200 to 200. The y-axis ranges from -2000 to 2000.

Each plot displays a dense, roughly circular cloud of black points centered at the origin (0,0), representing the statistical distribution of measurement differences for a specific beam size and position.

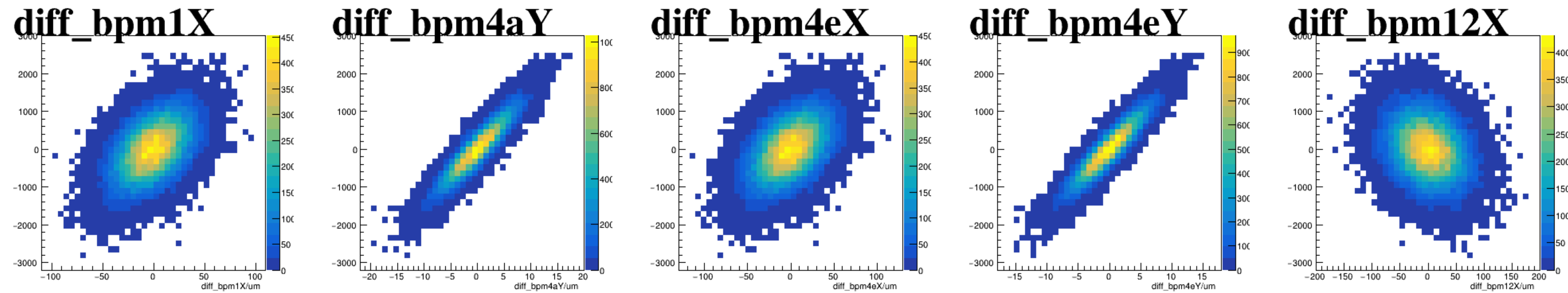
asym_sam1



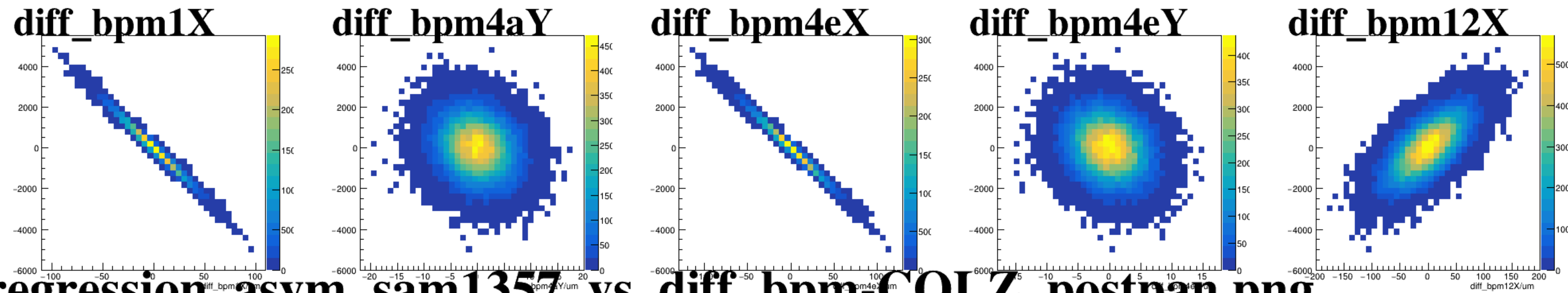
asym_sam3



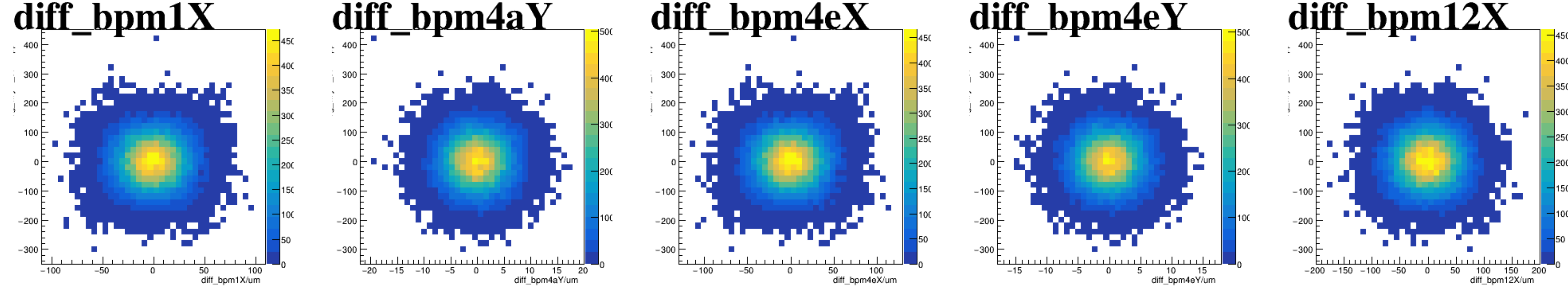
asym_sam5



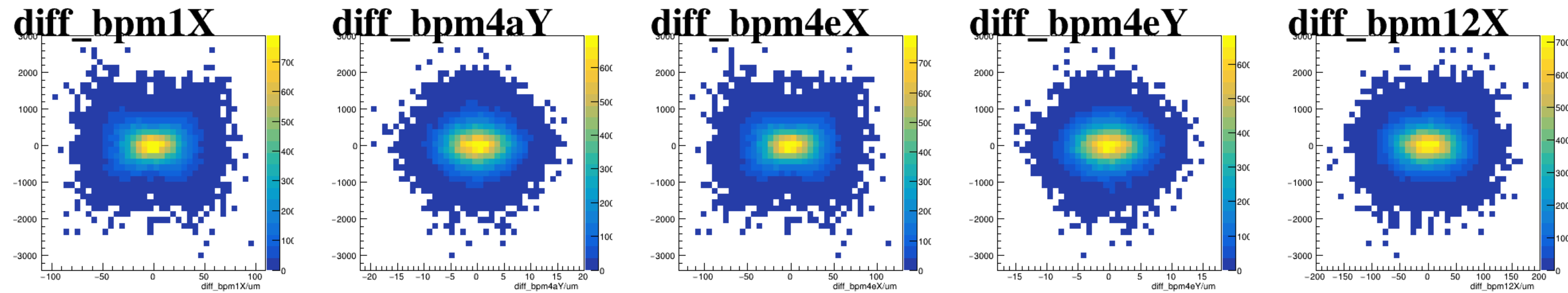
asym_sam7



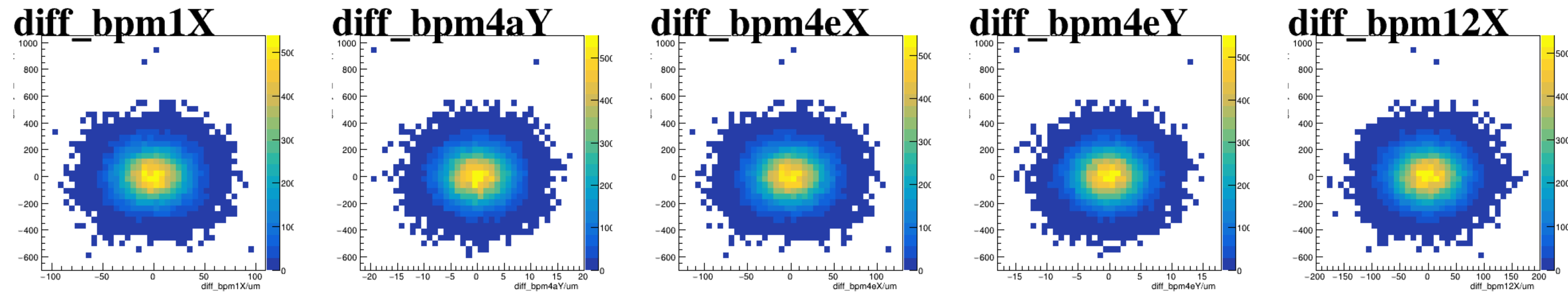
reg_asym_sam1



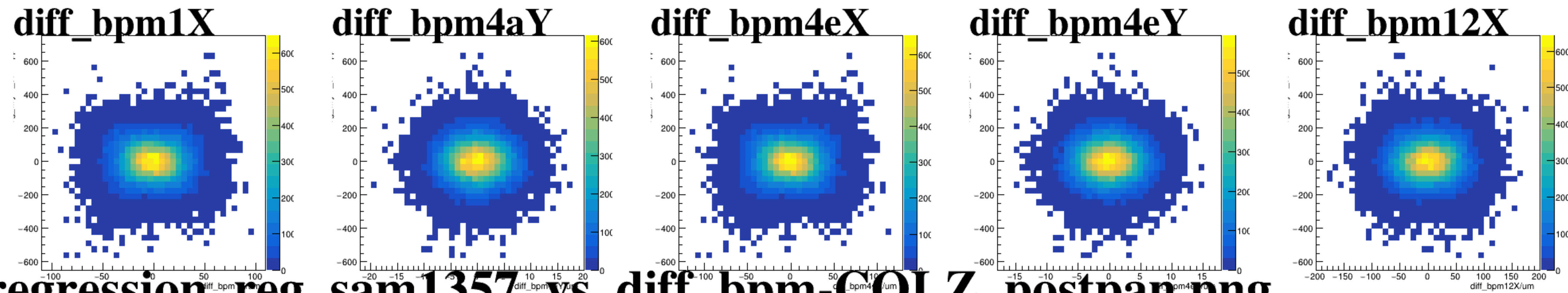
reg_asym_sam3



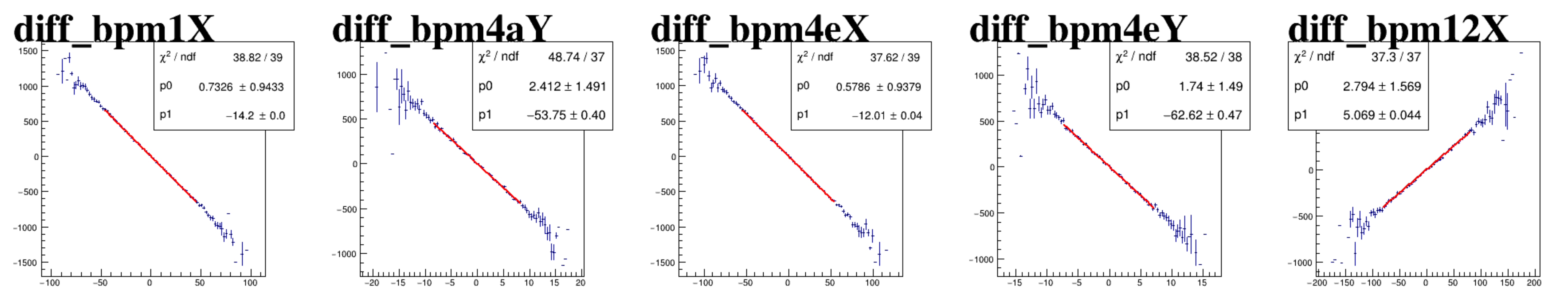
reg_asym_sam5



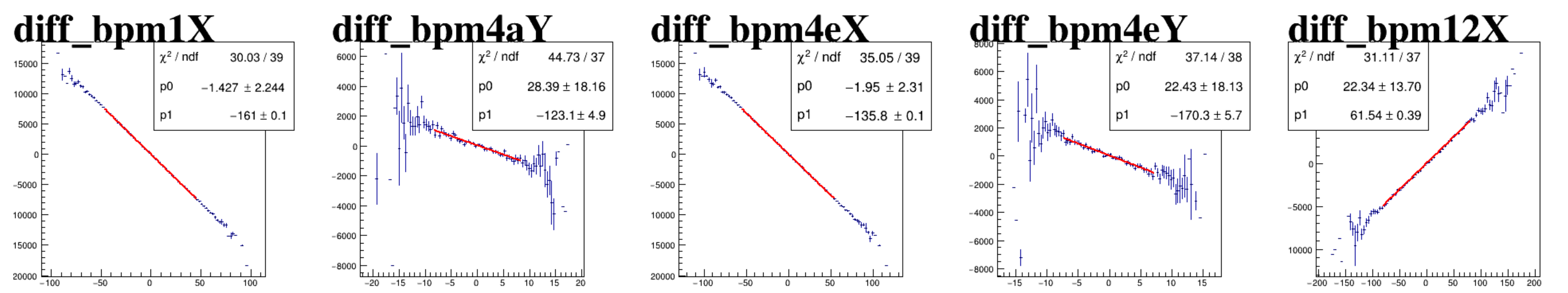
reg_asym_sam7



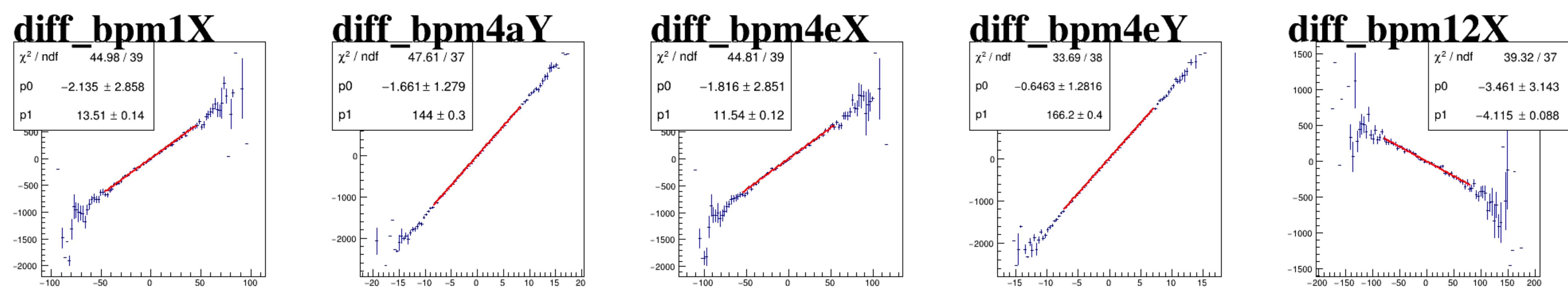
asym_sam1



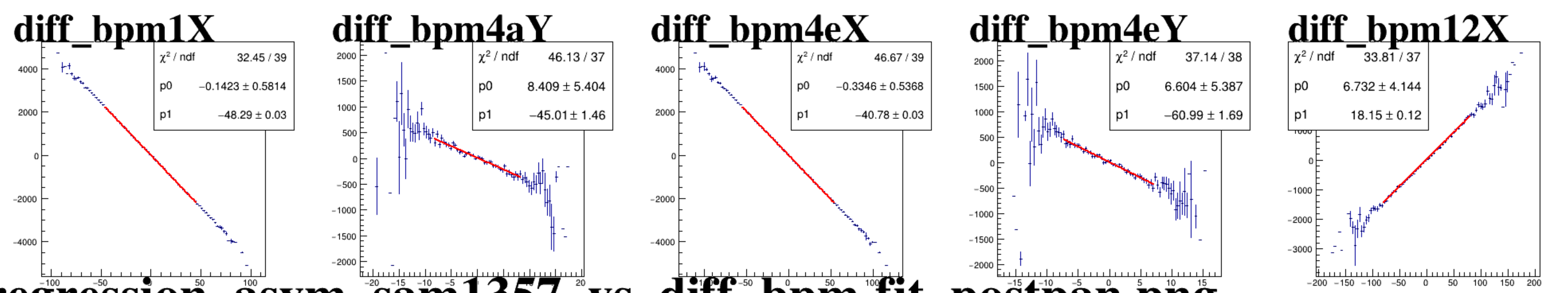
asym_sam3



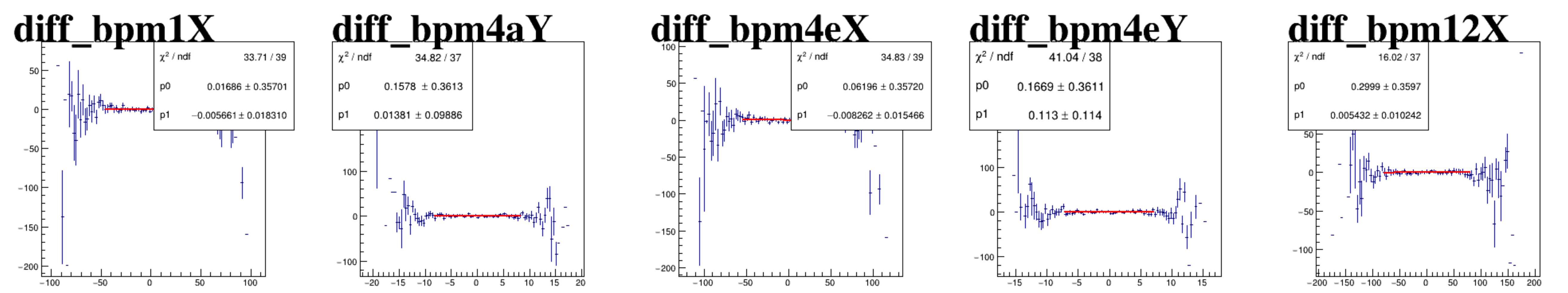
asym_sam5



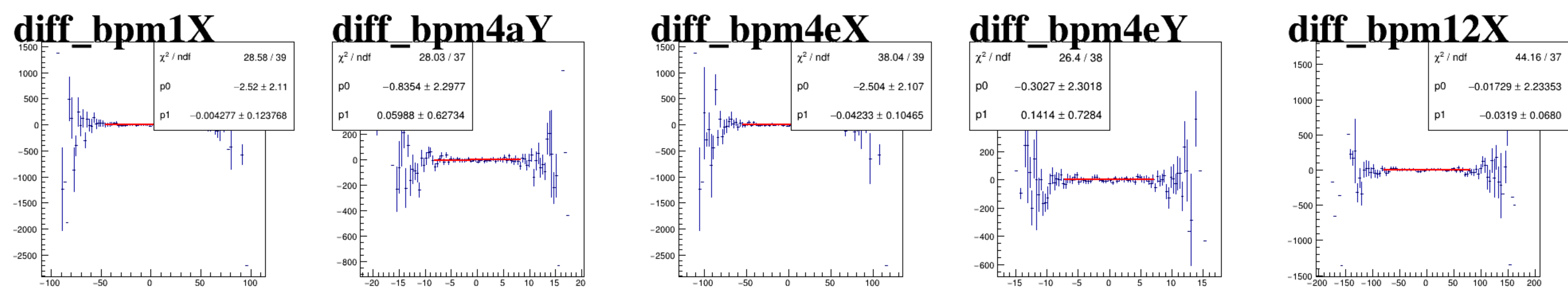
asym_sam7



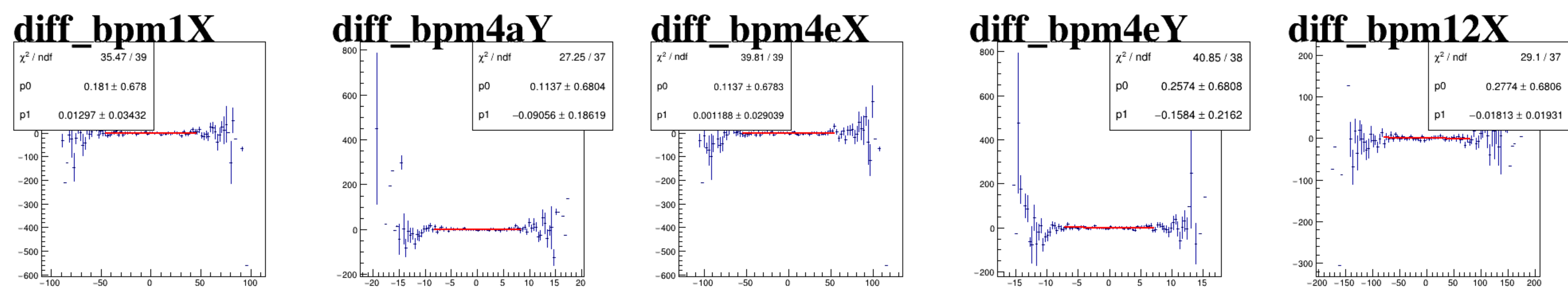
reg_asym_sam1



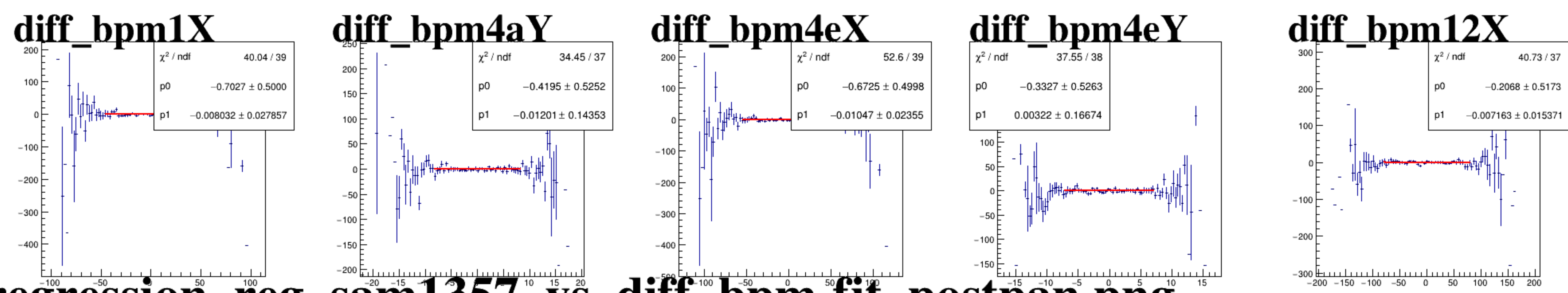
reg_asym_sam3



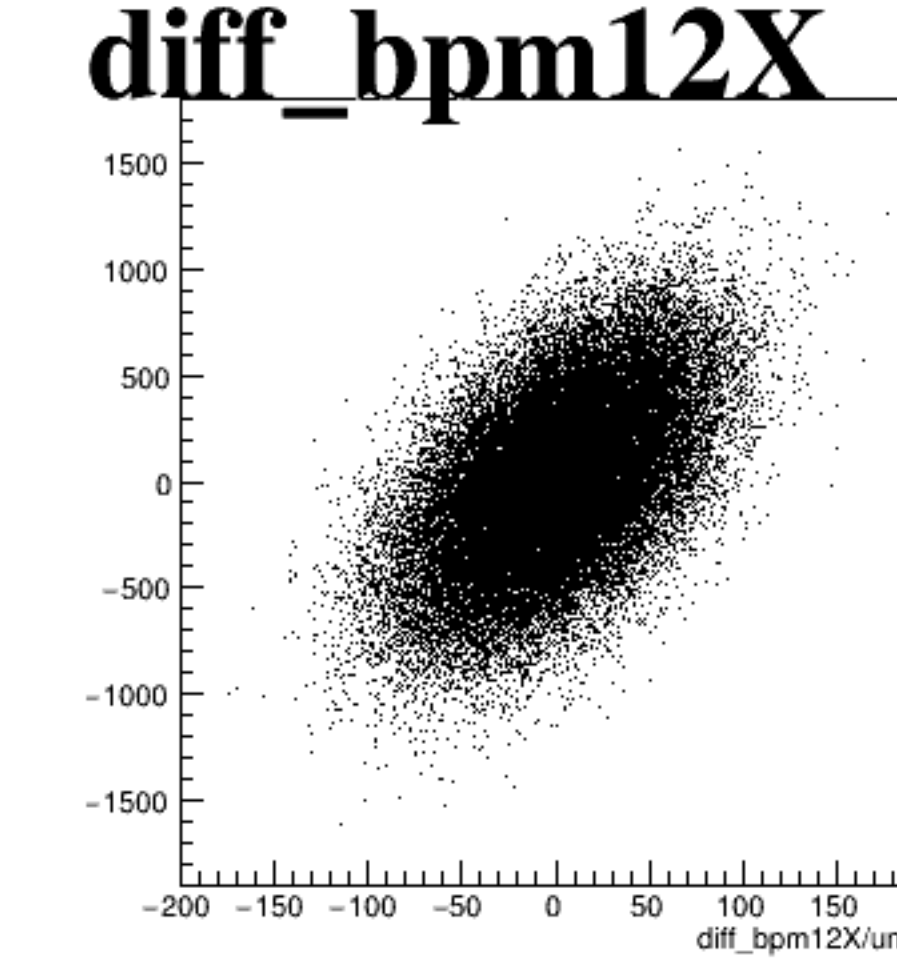
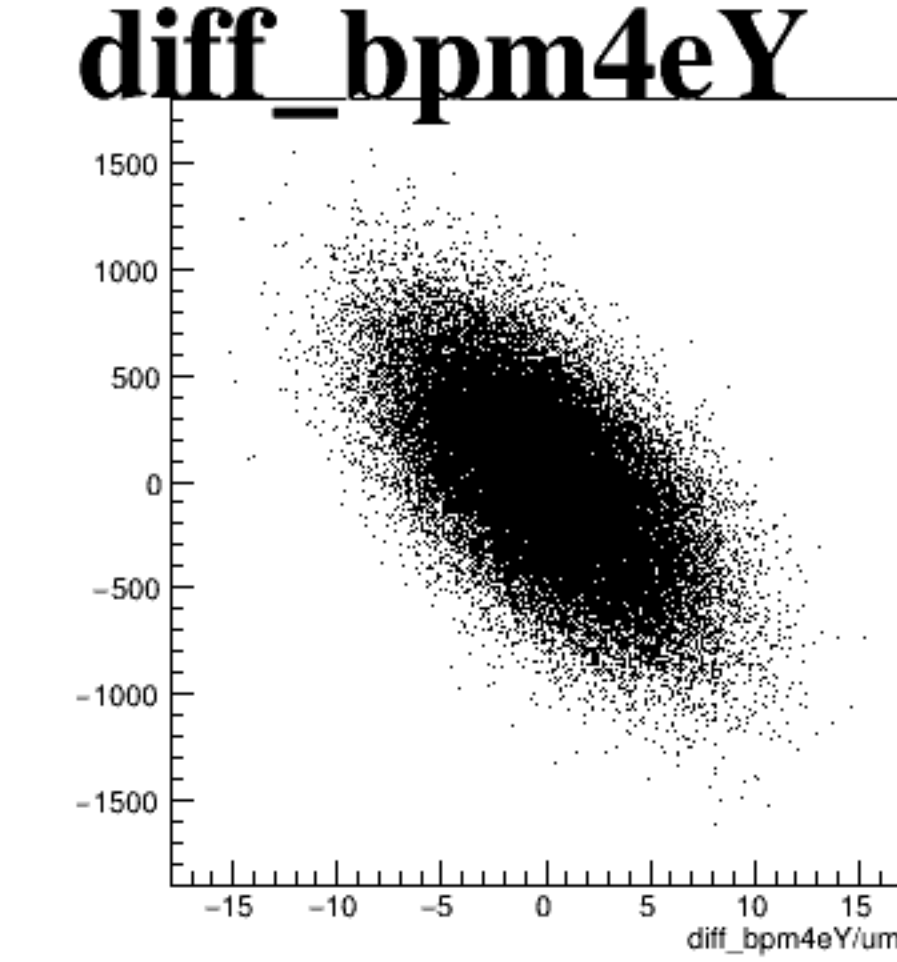
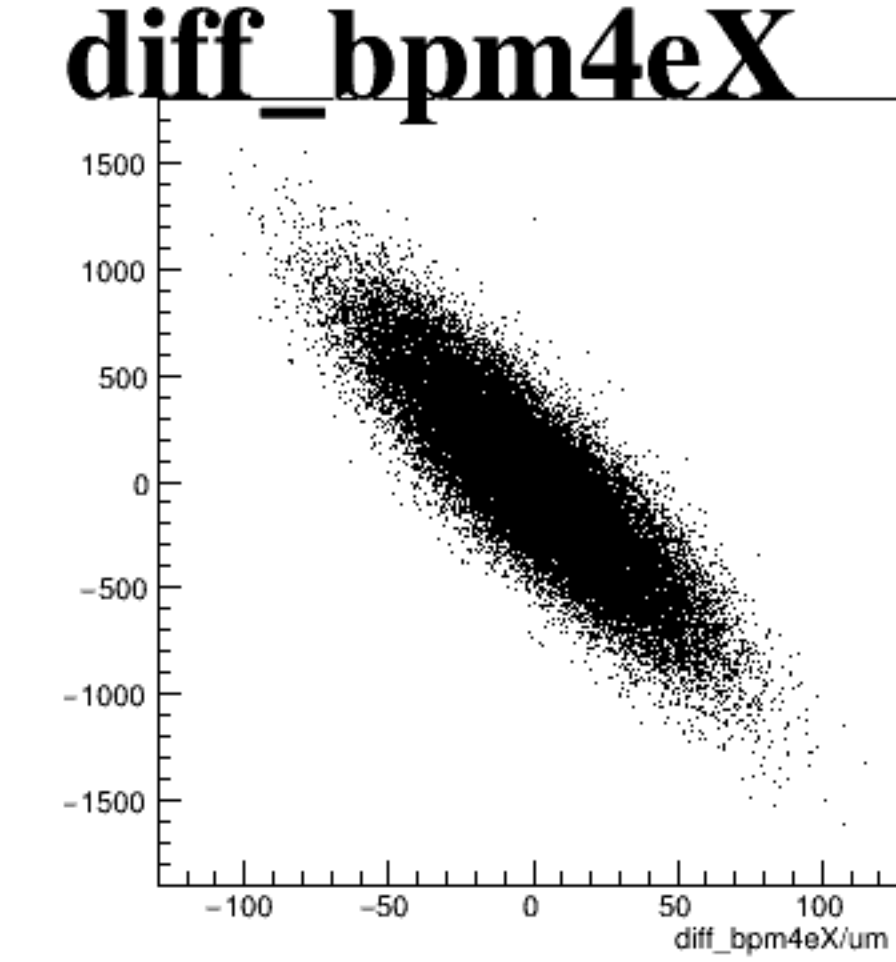
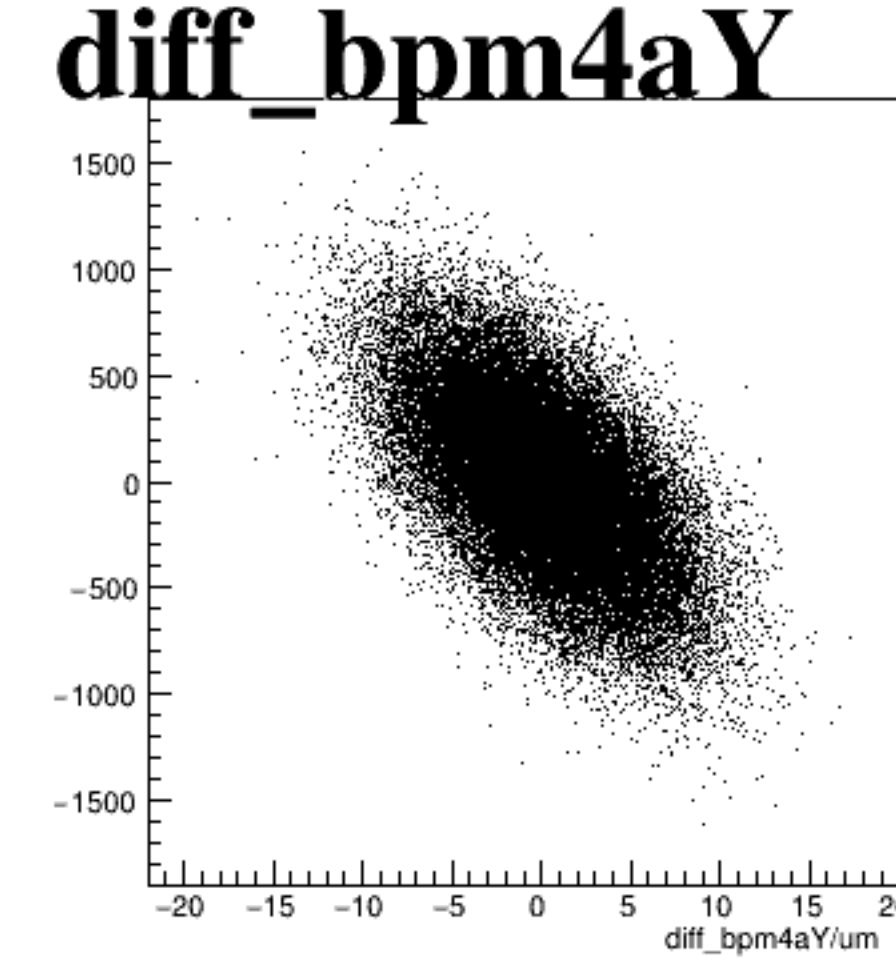
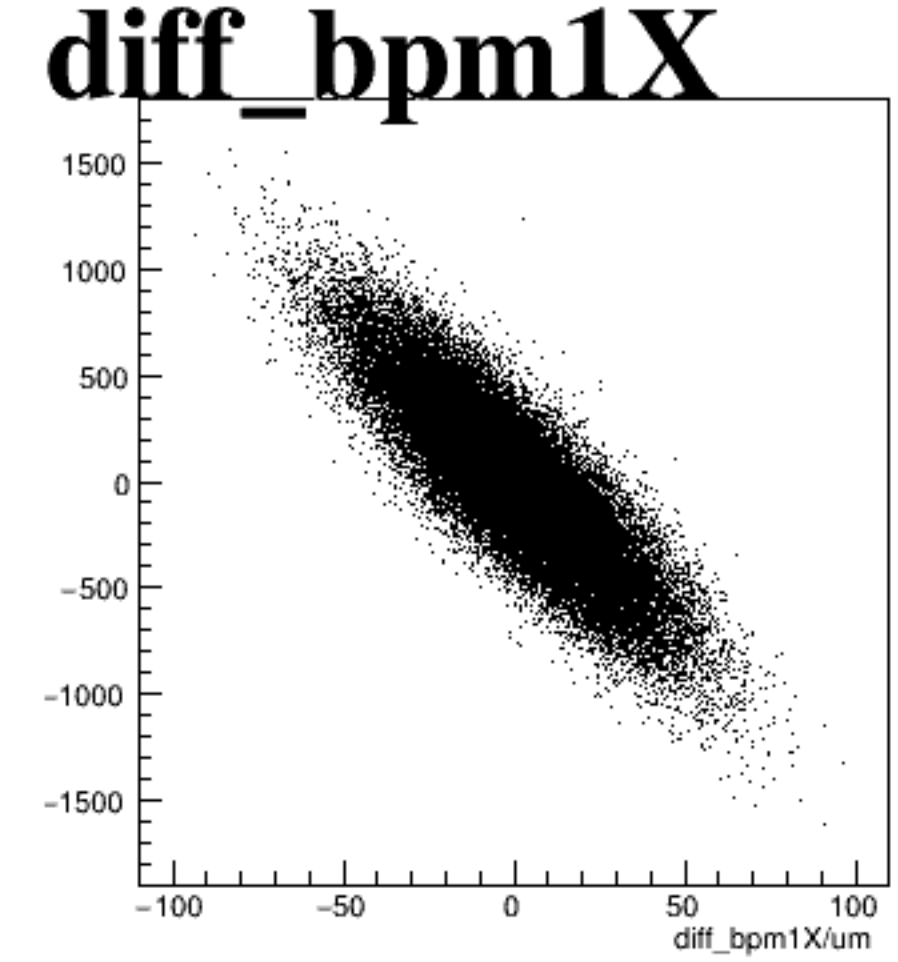
reg_asym_sam5



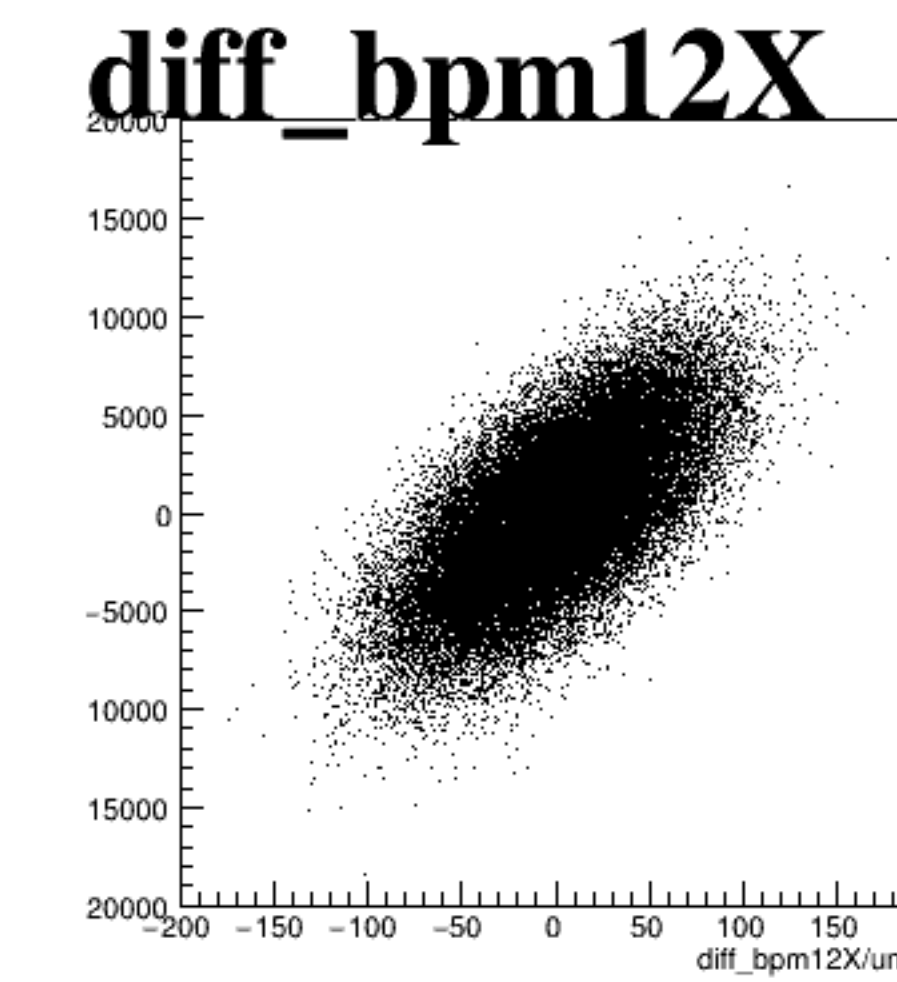
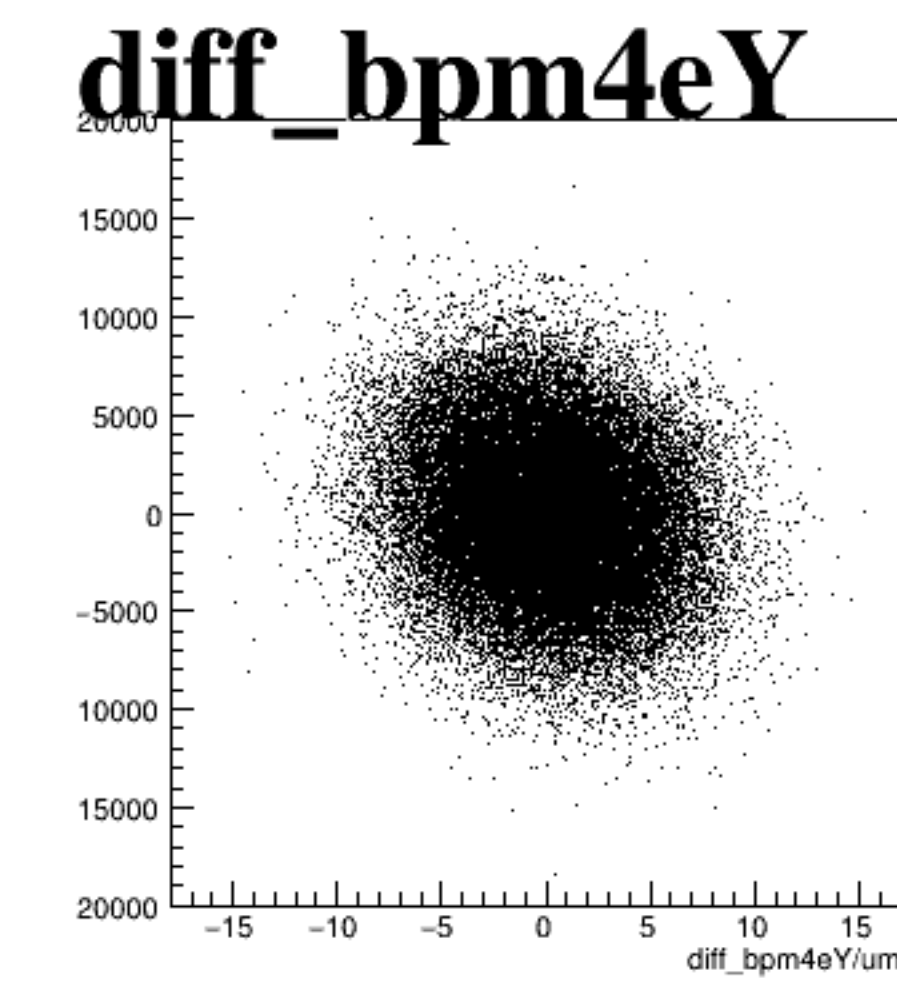
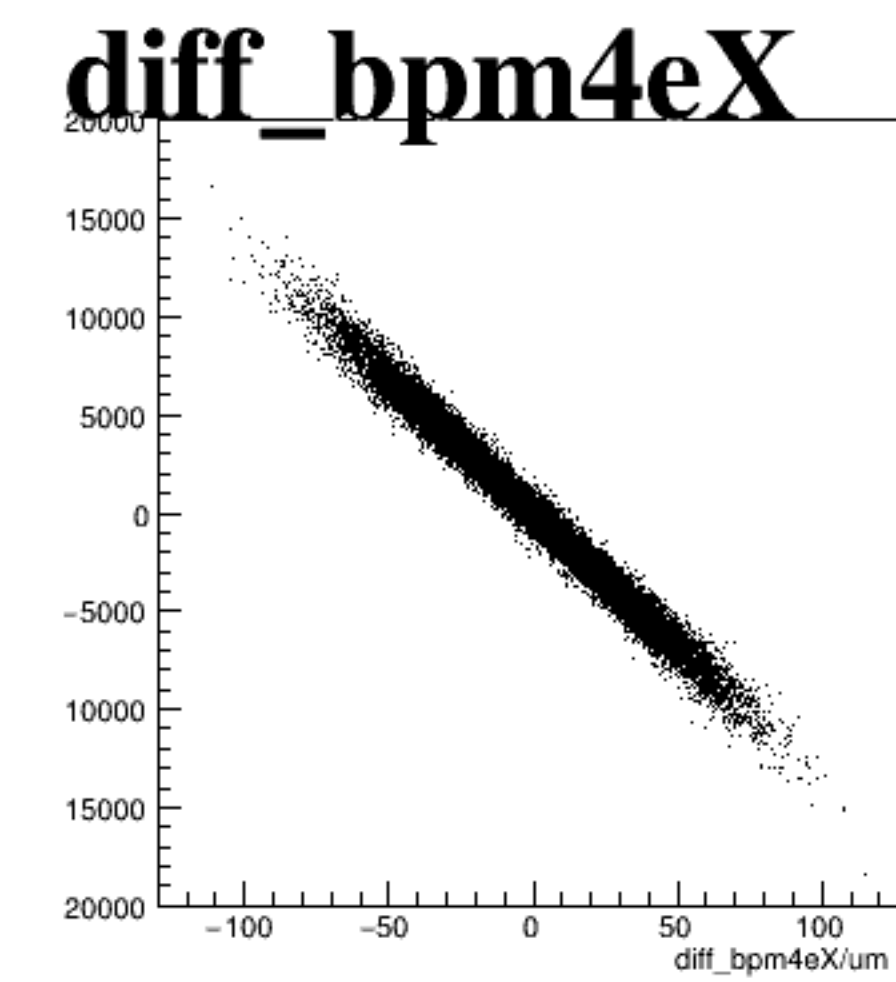
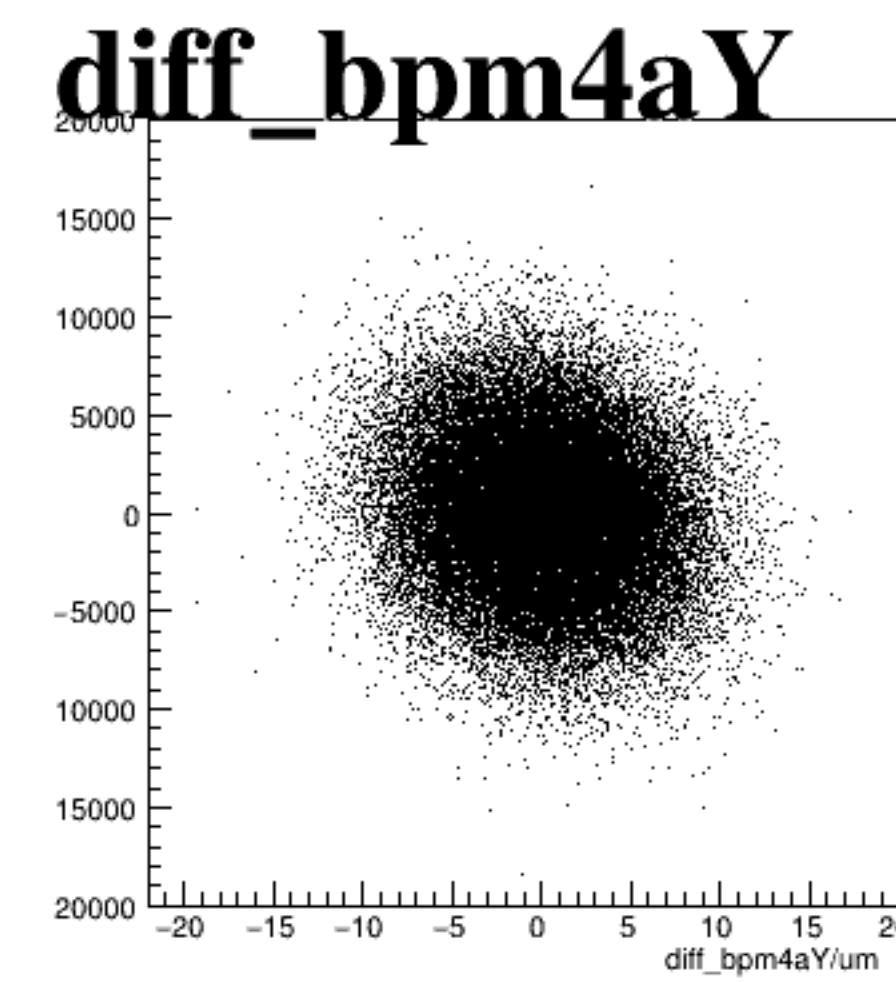
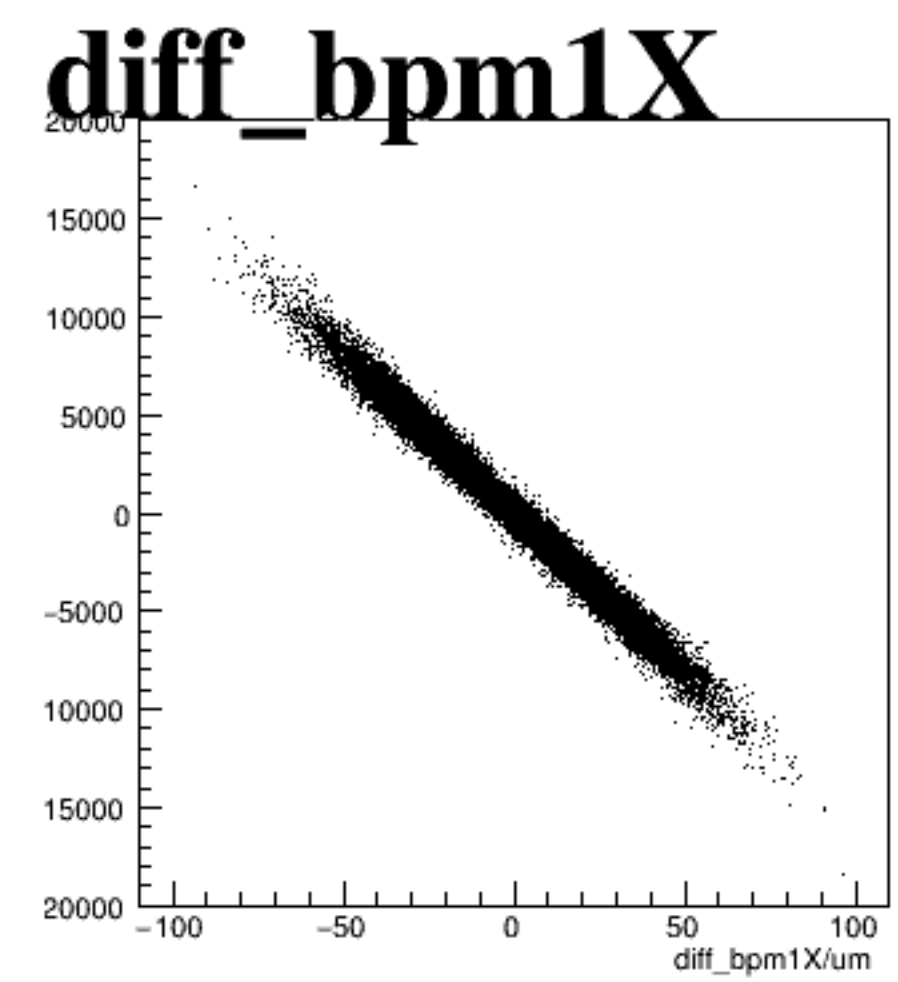
reg_asym_sam7



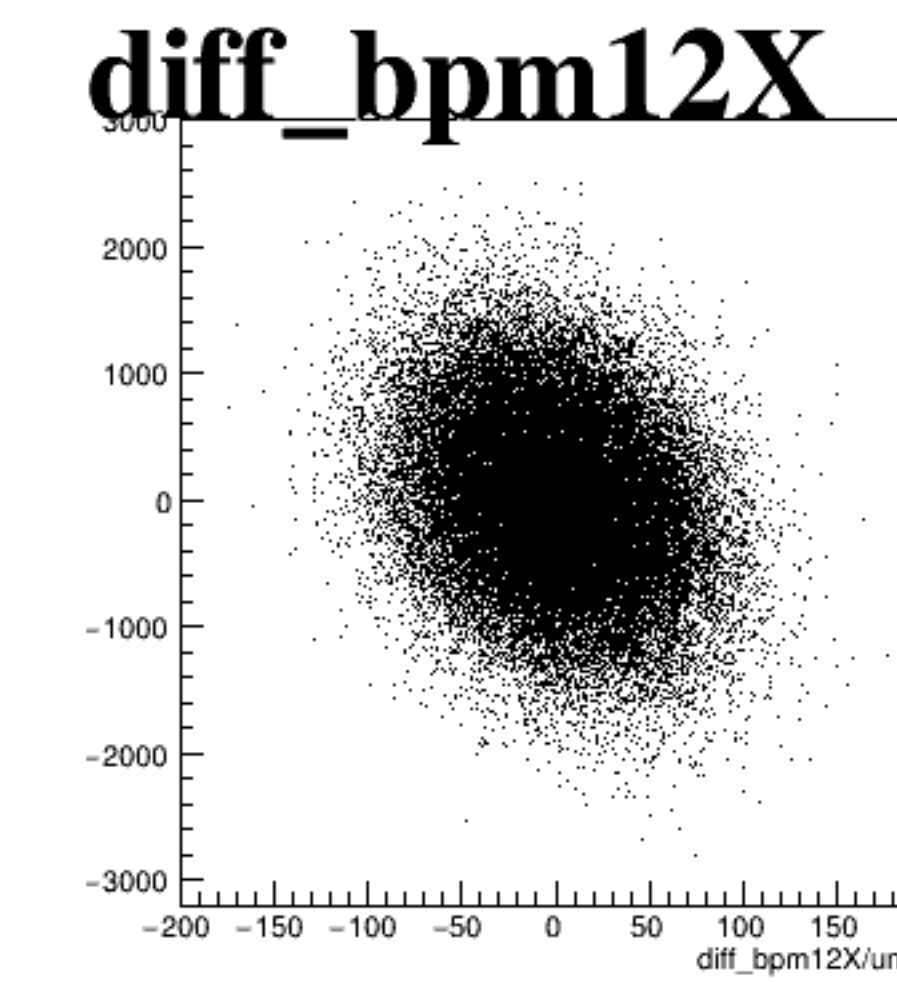
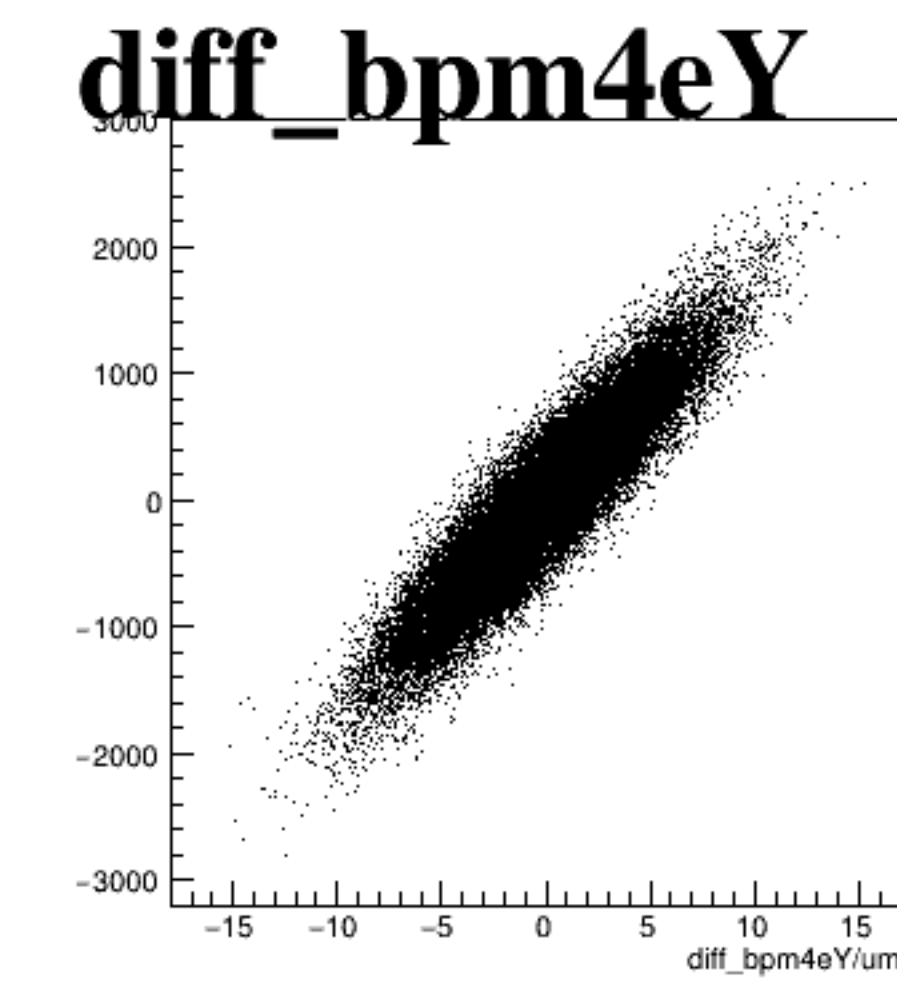
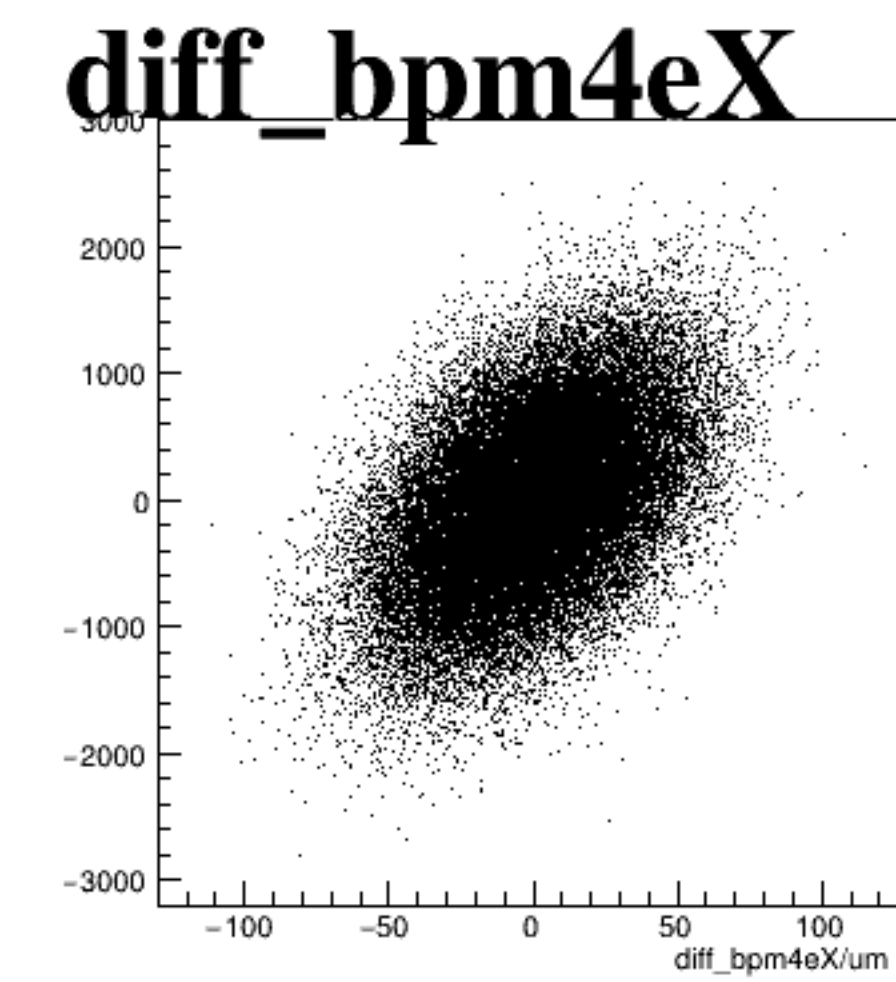
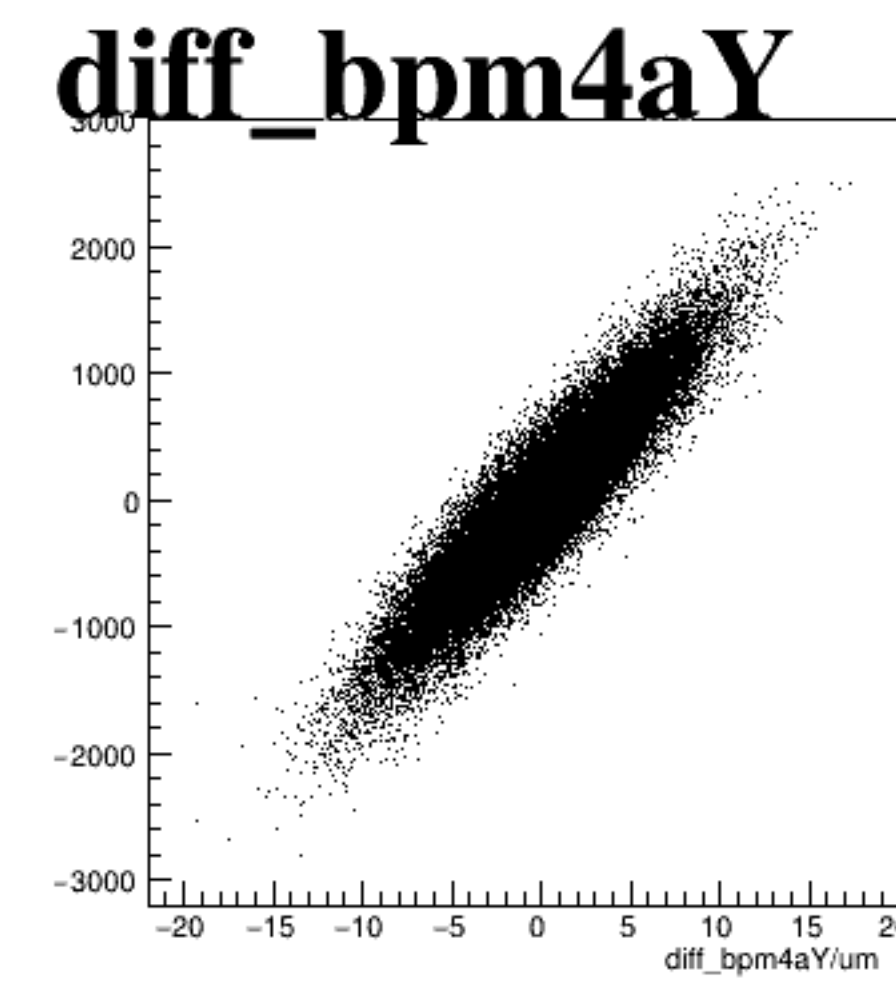
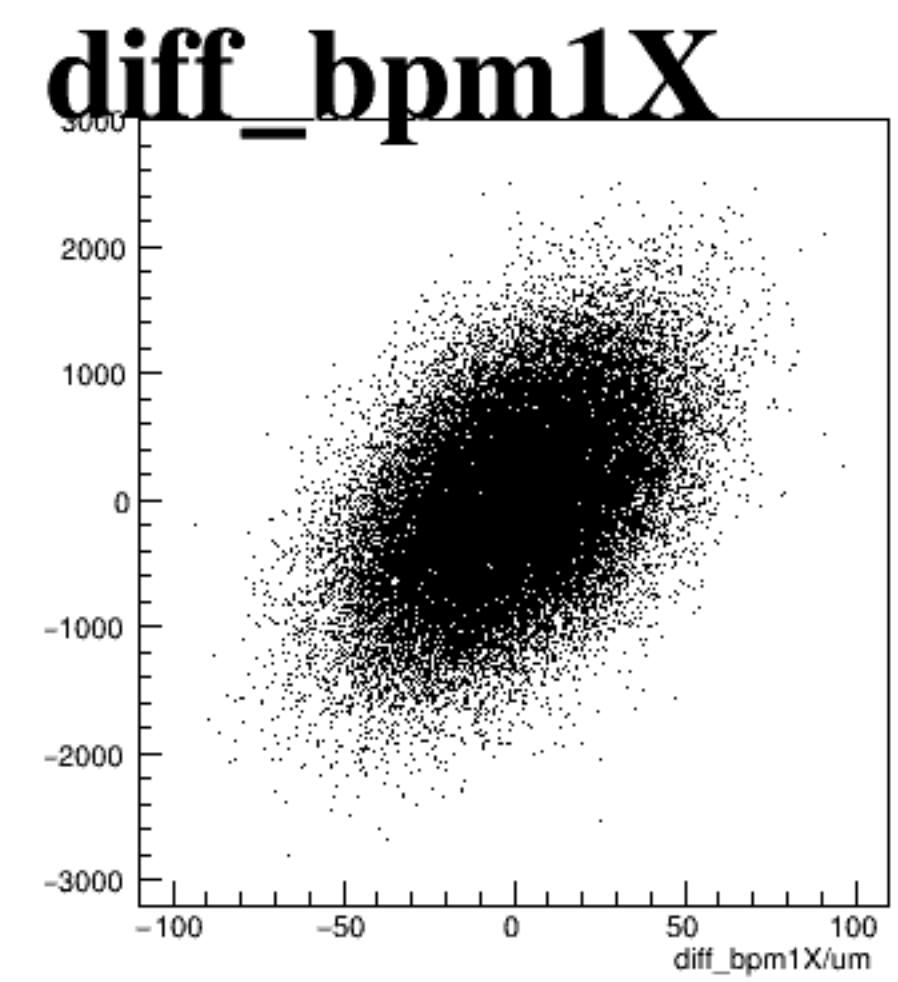
asym_sam1



asym_sam3



asym_sam5



asym_sam7

