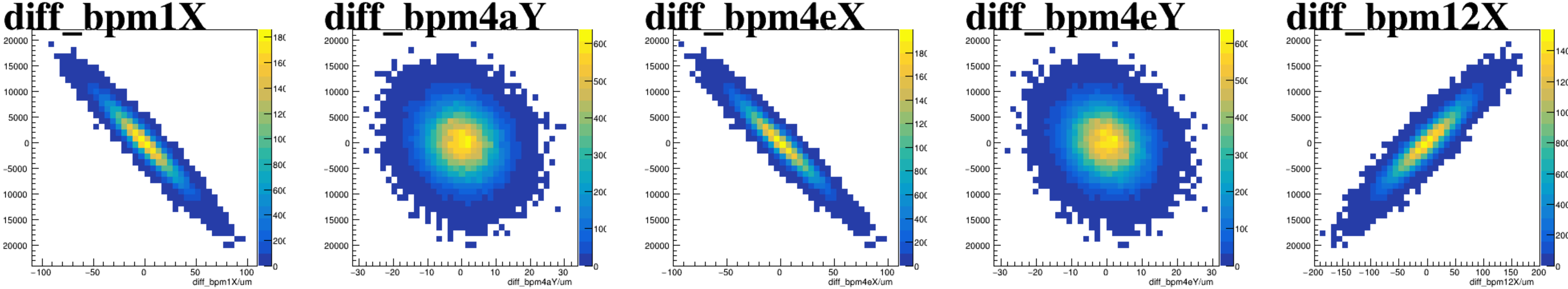
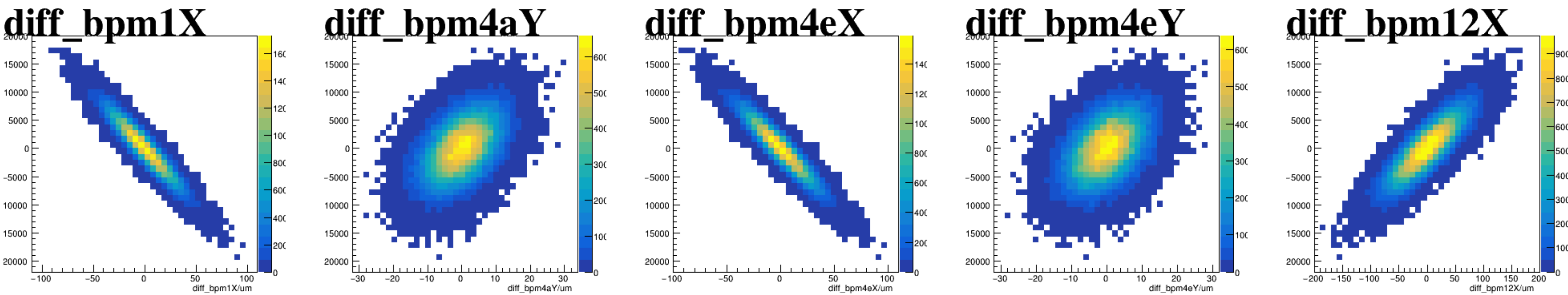


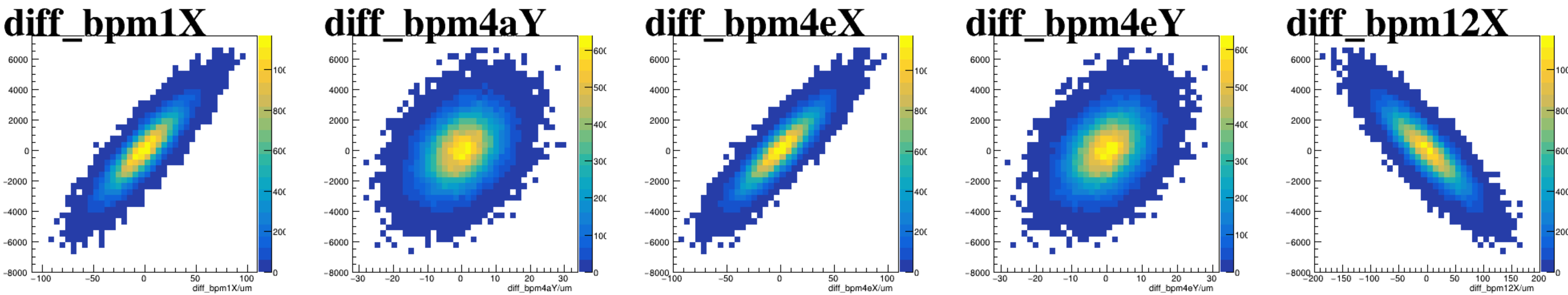
asym_sam2



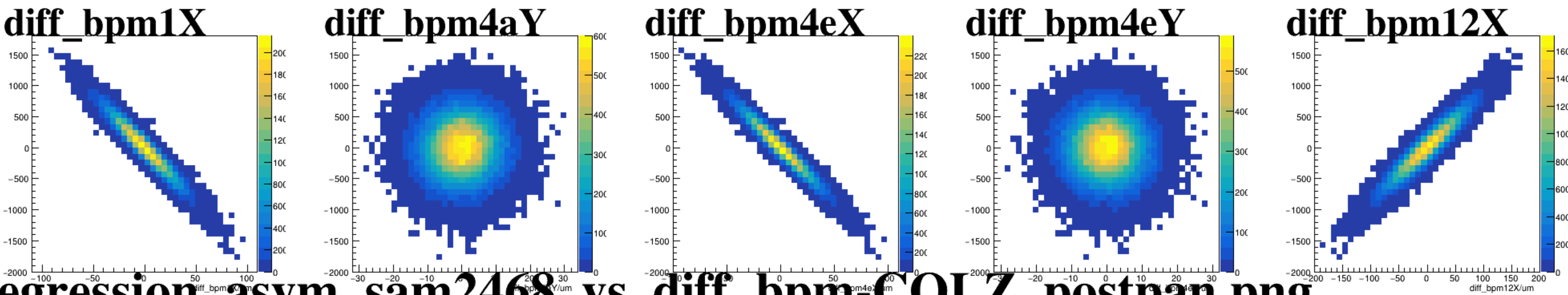
asym_sam4



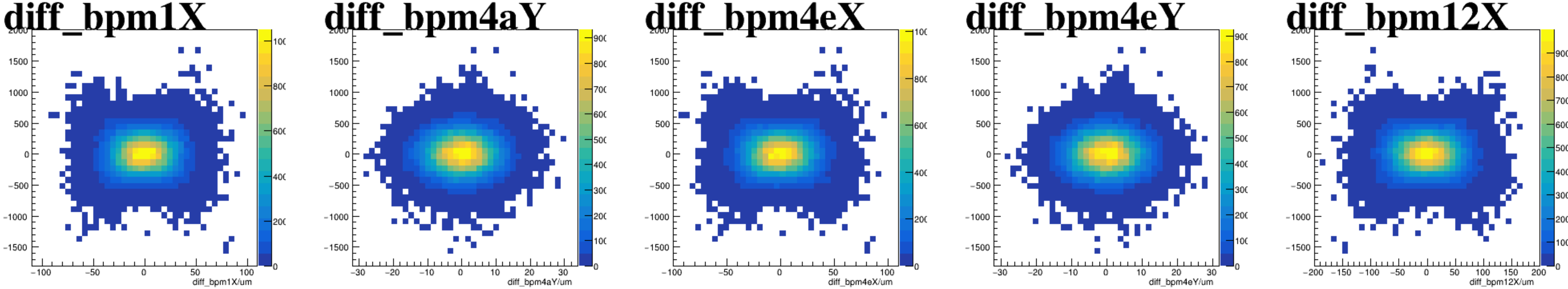
asym_sam6



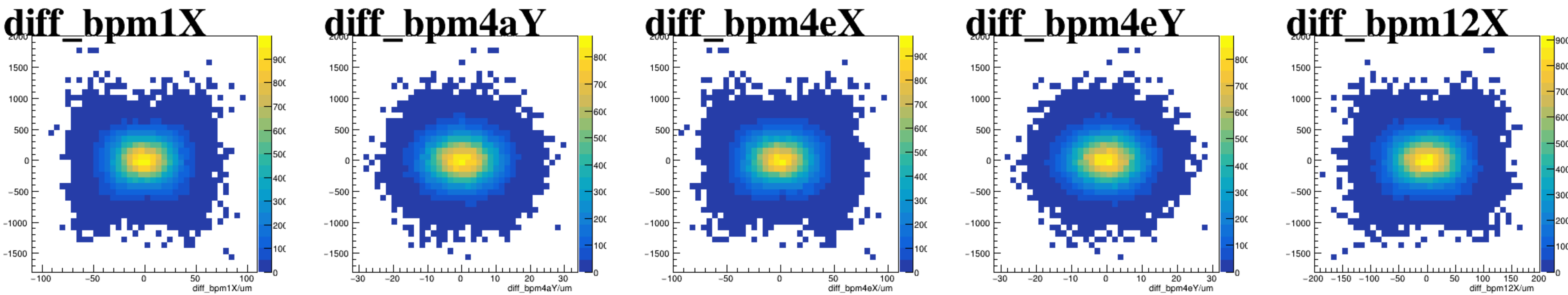
asym_sam8



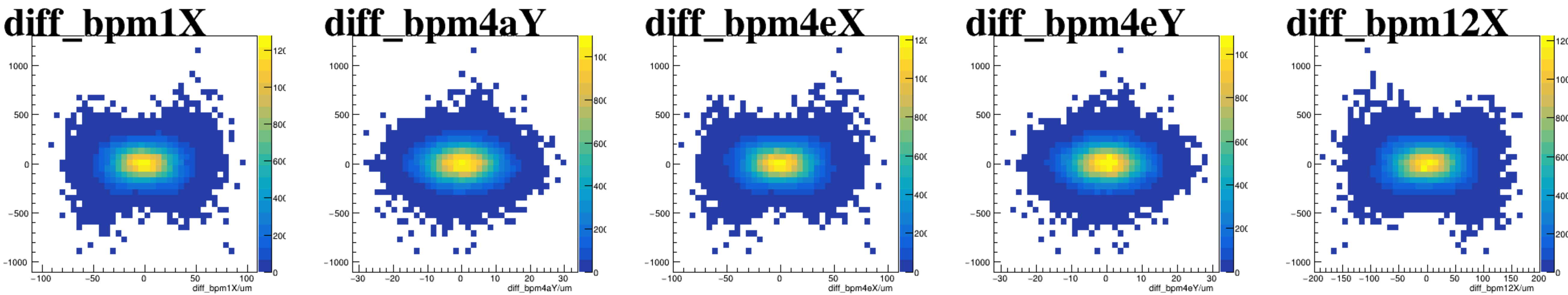
reg_asym_sam2



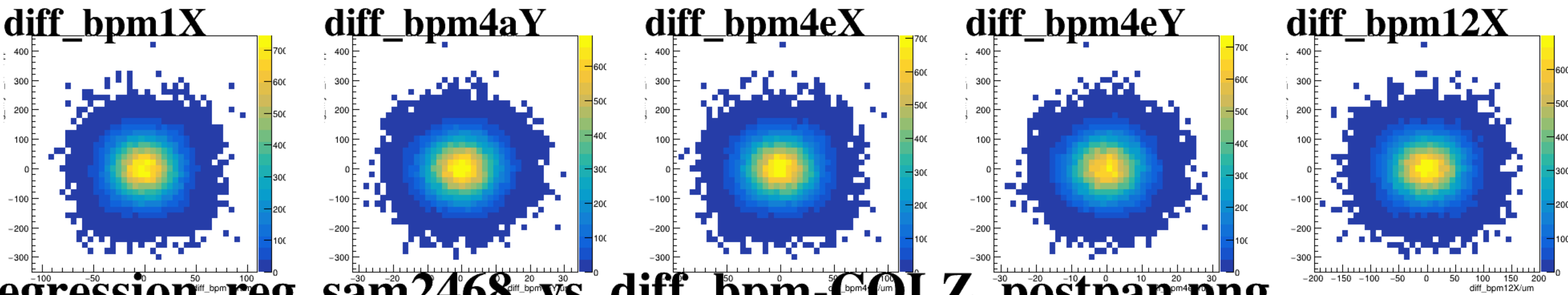
reg_asym_sam4



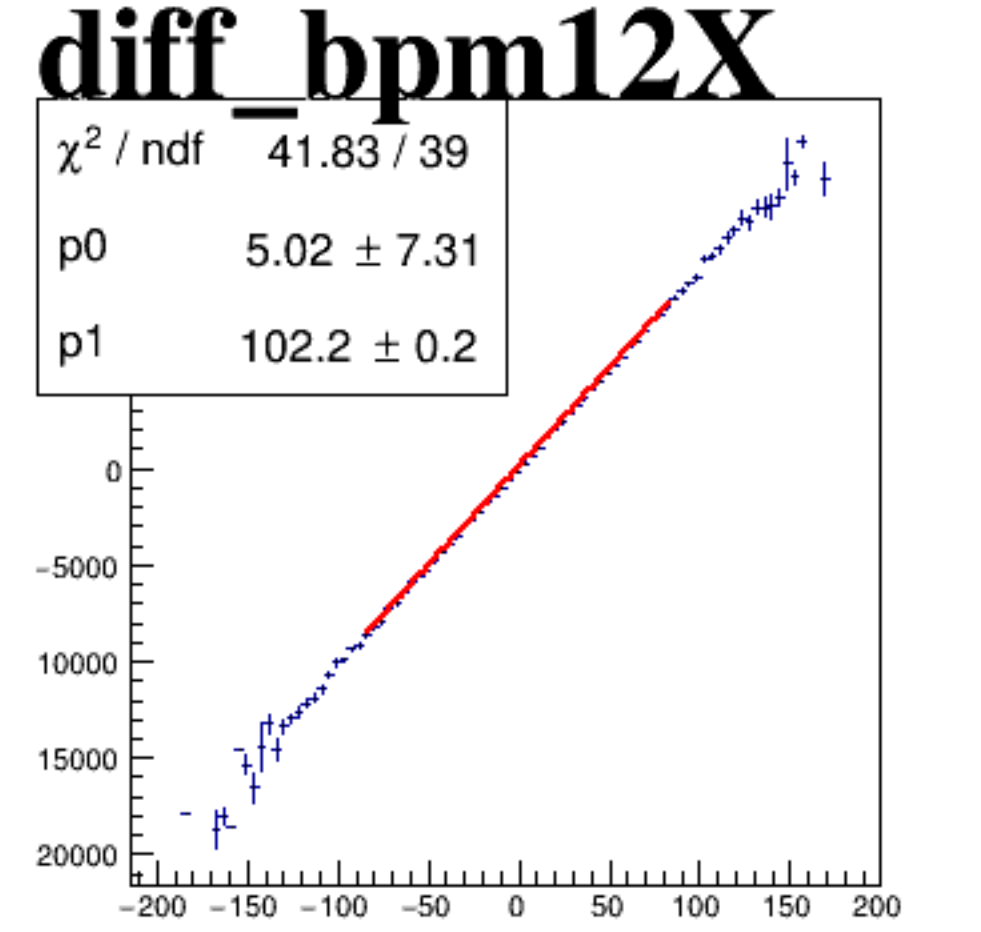
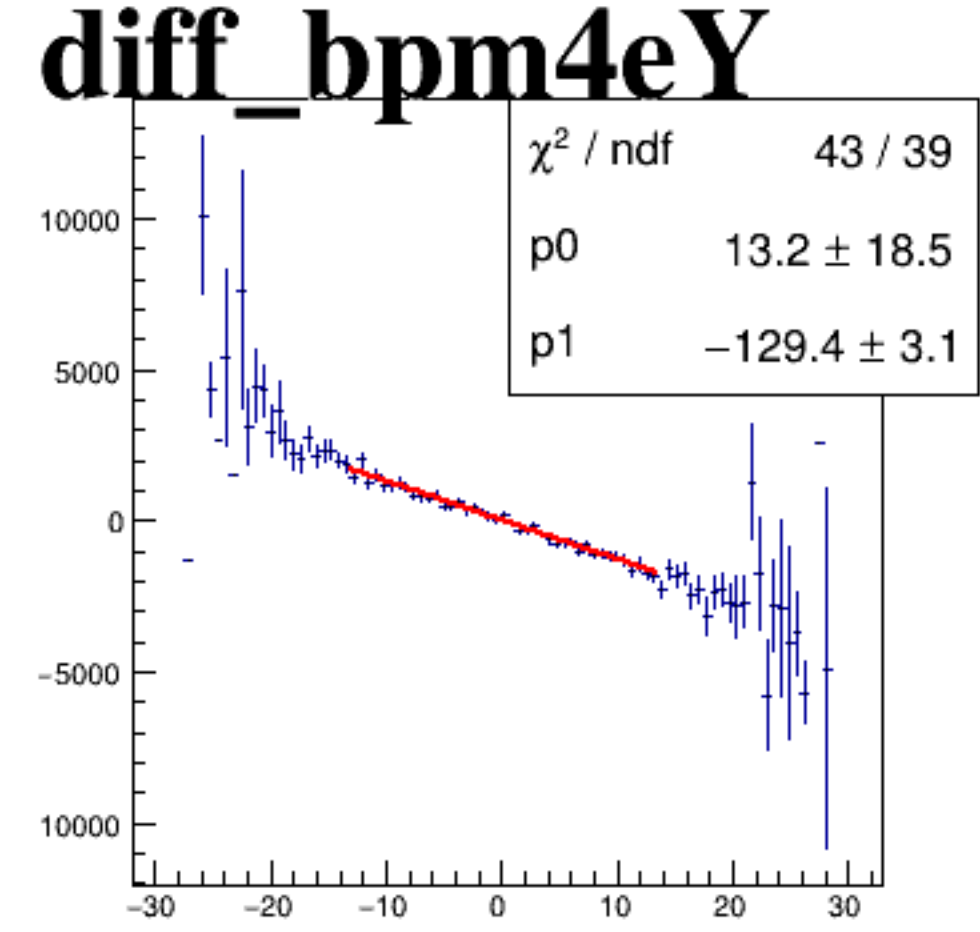
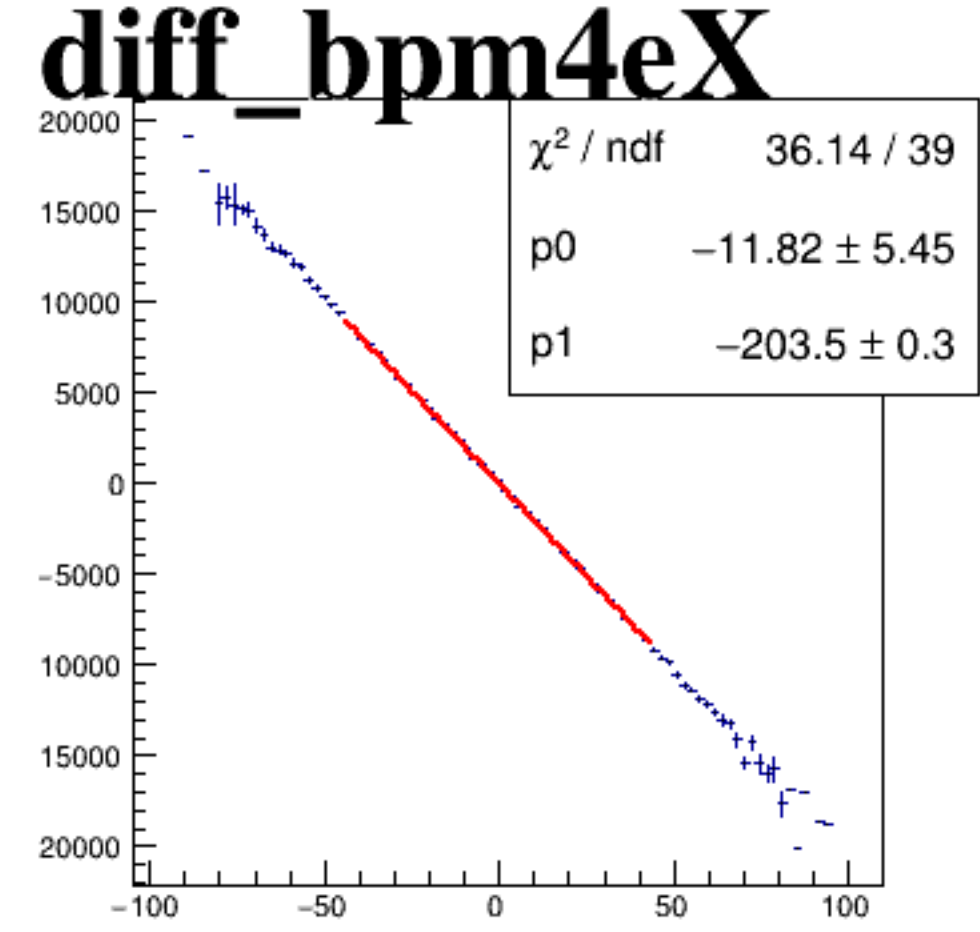
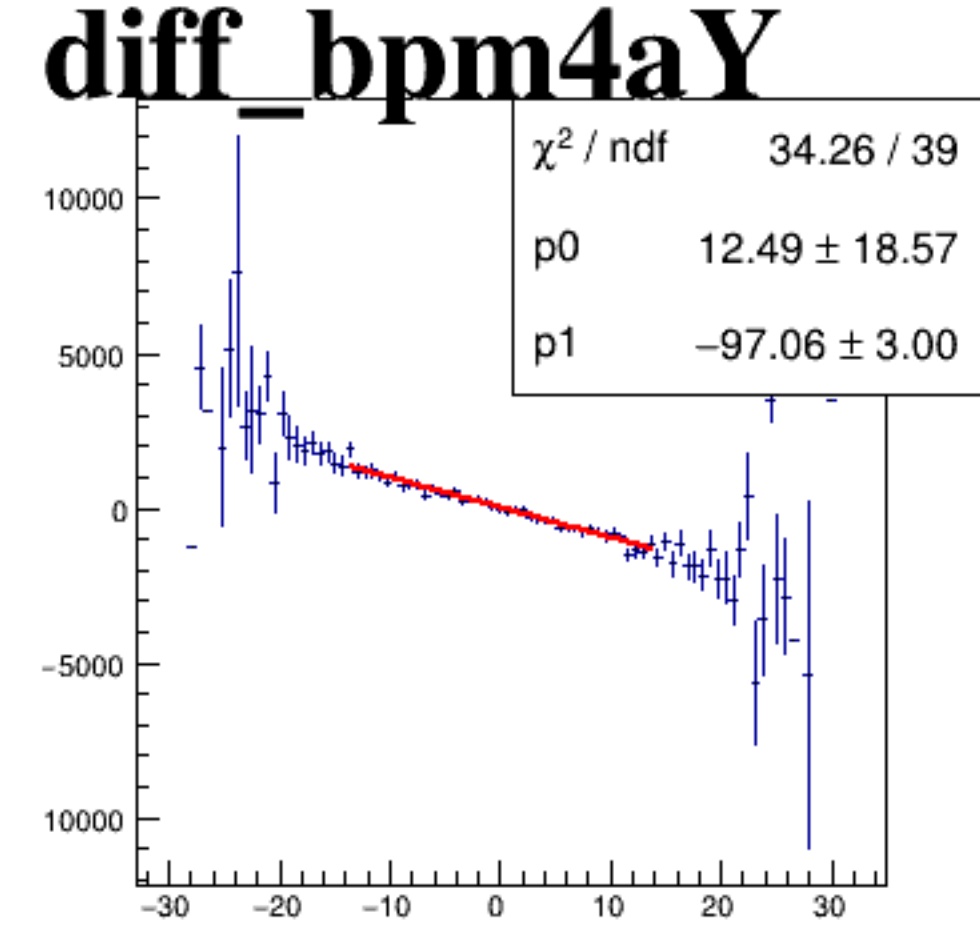
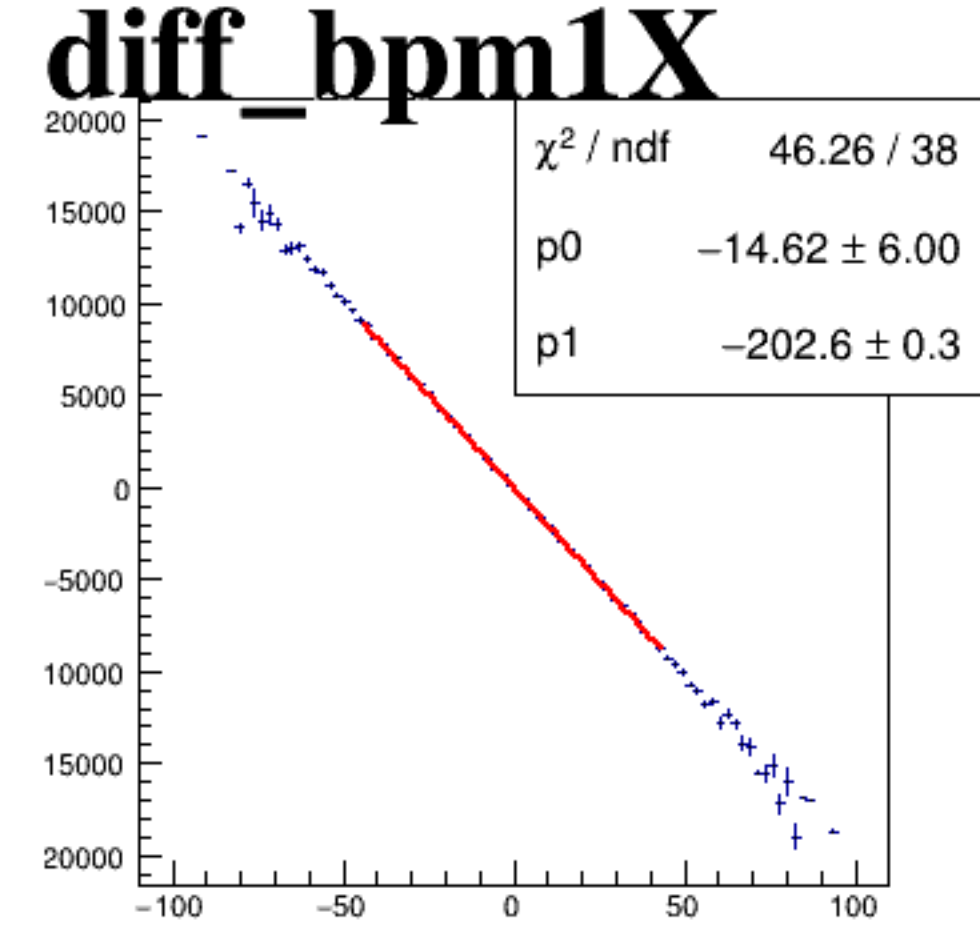
reg_asym_sam6



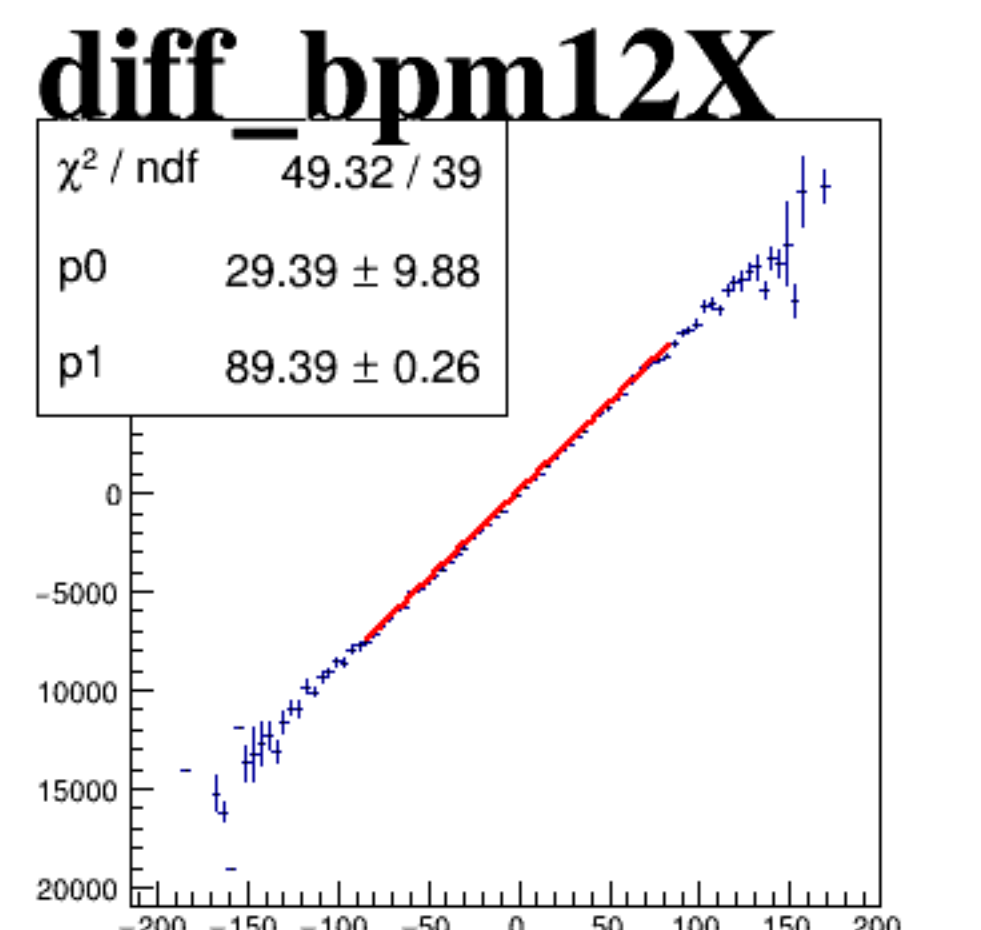
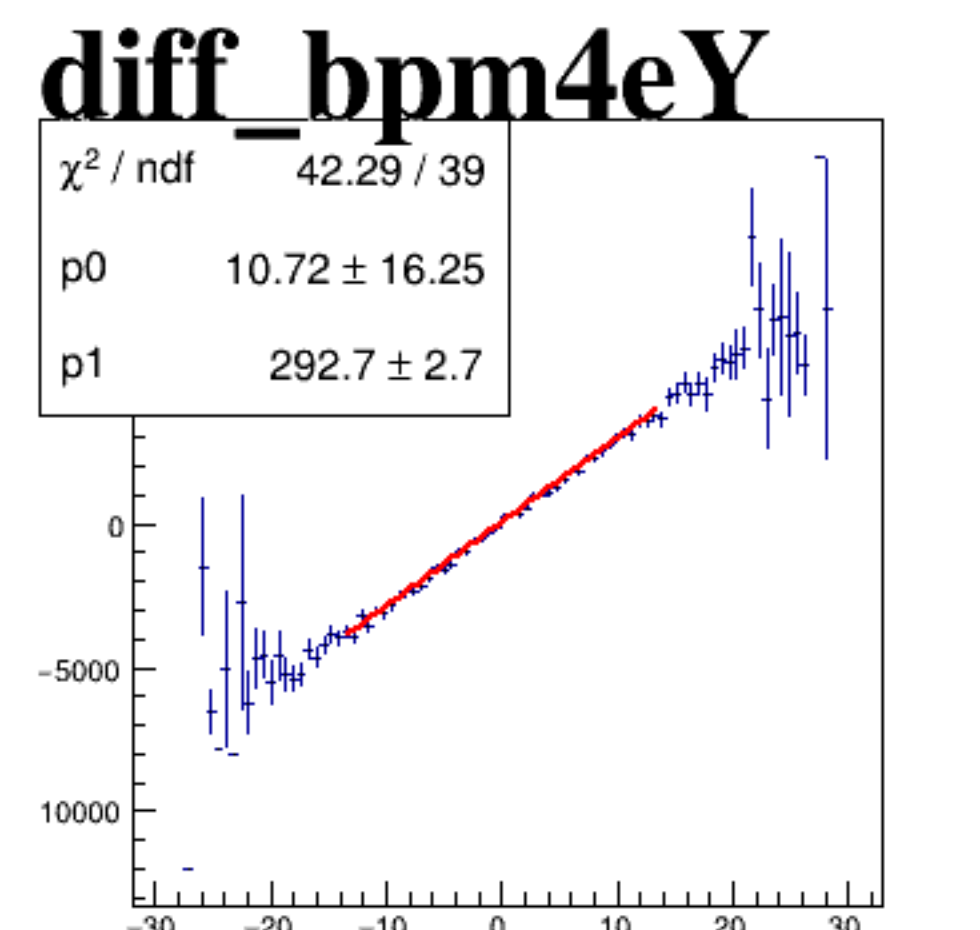
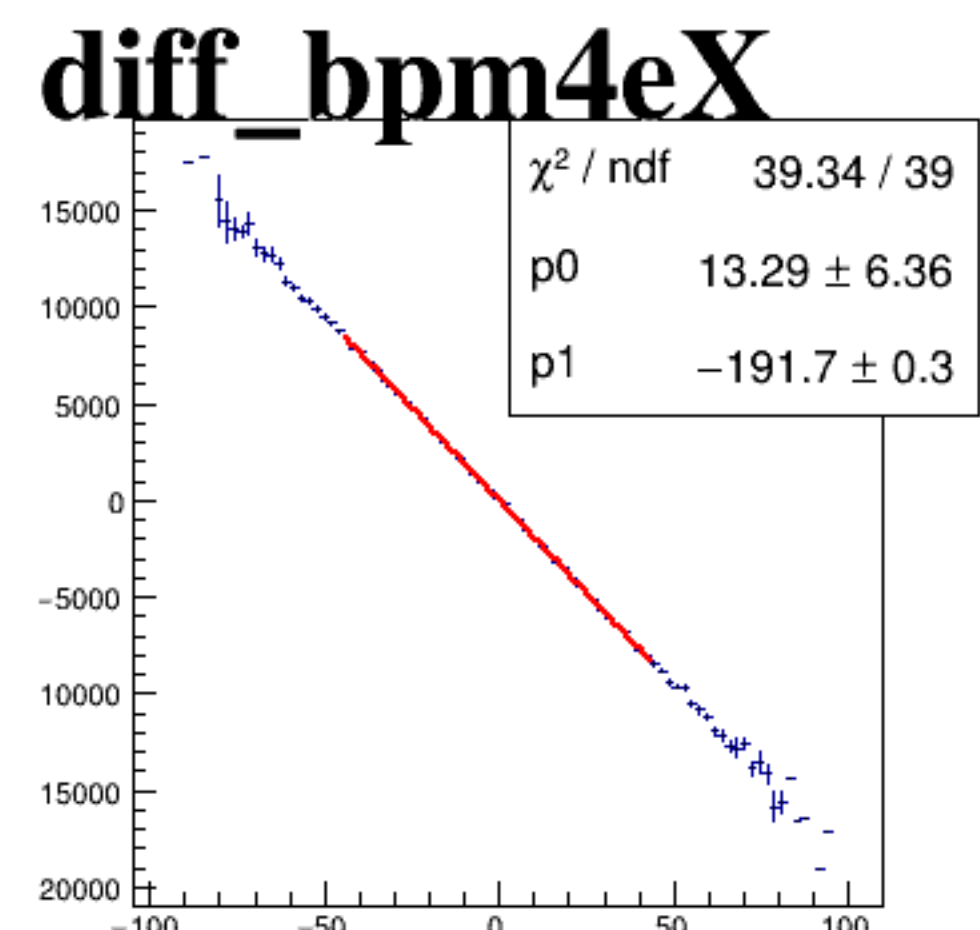
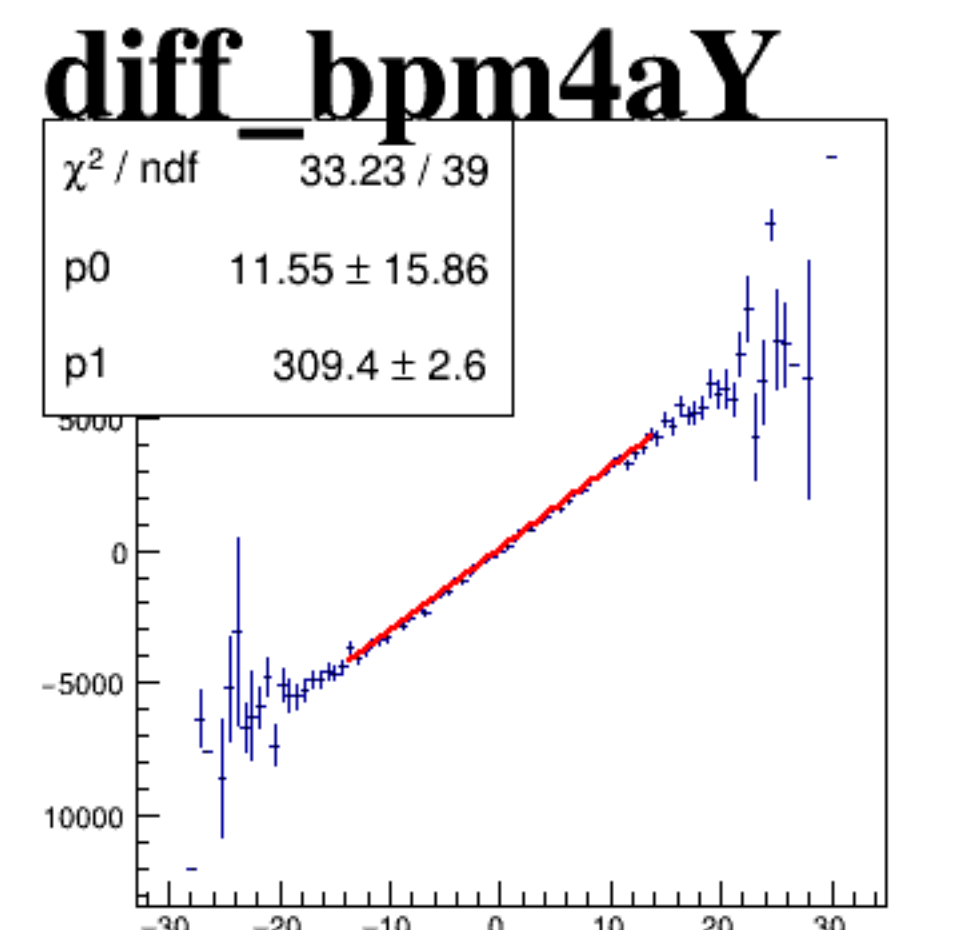
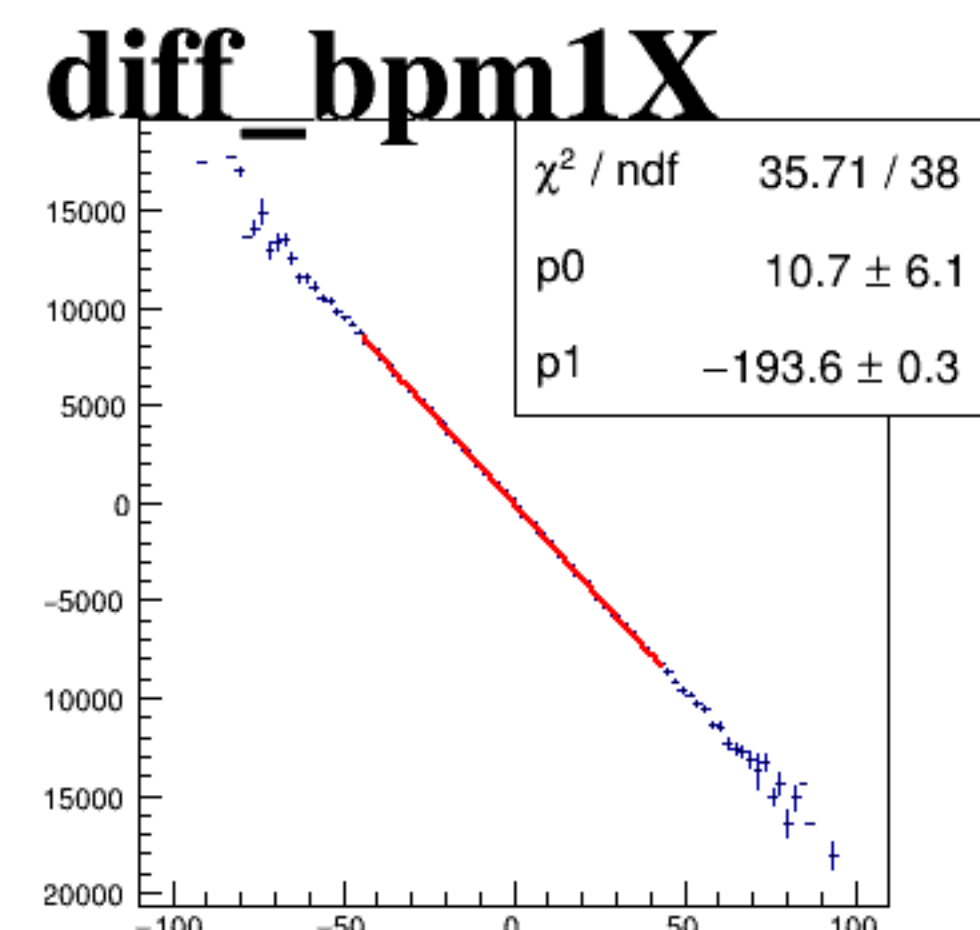
reg_asym_sam8



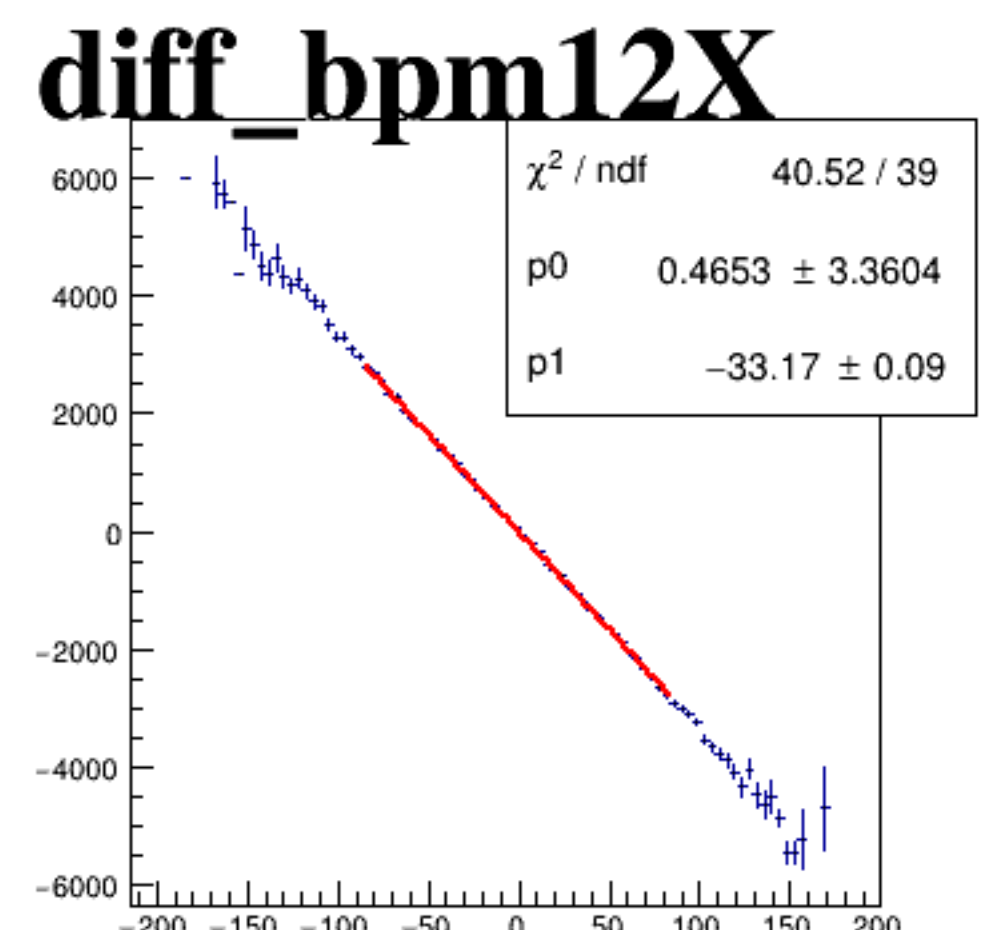
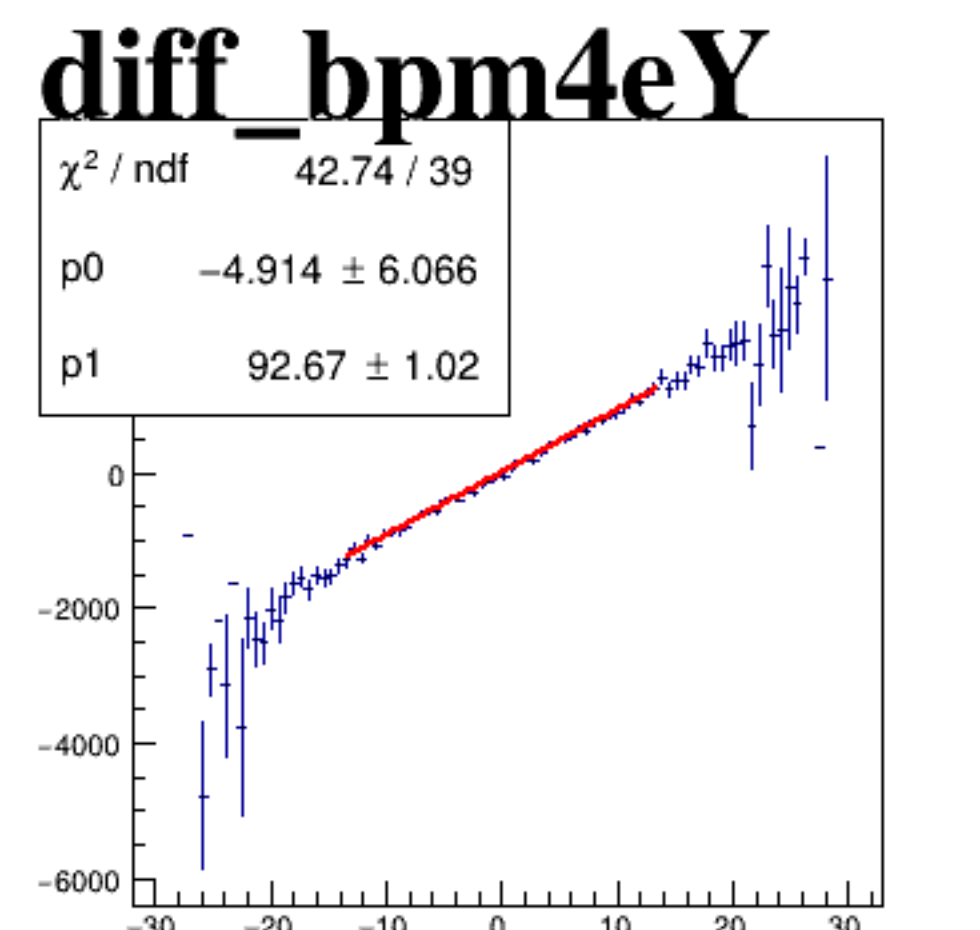
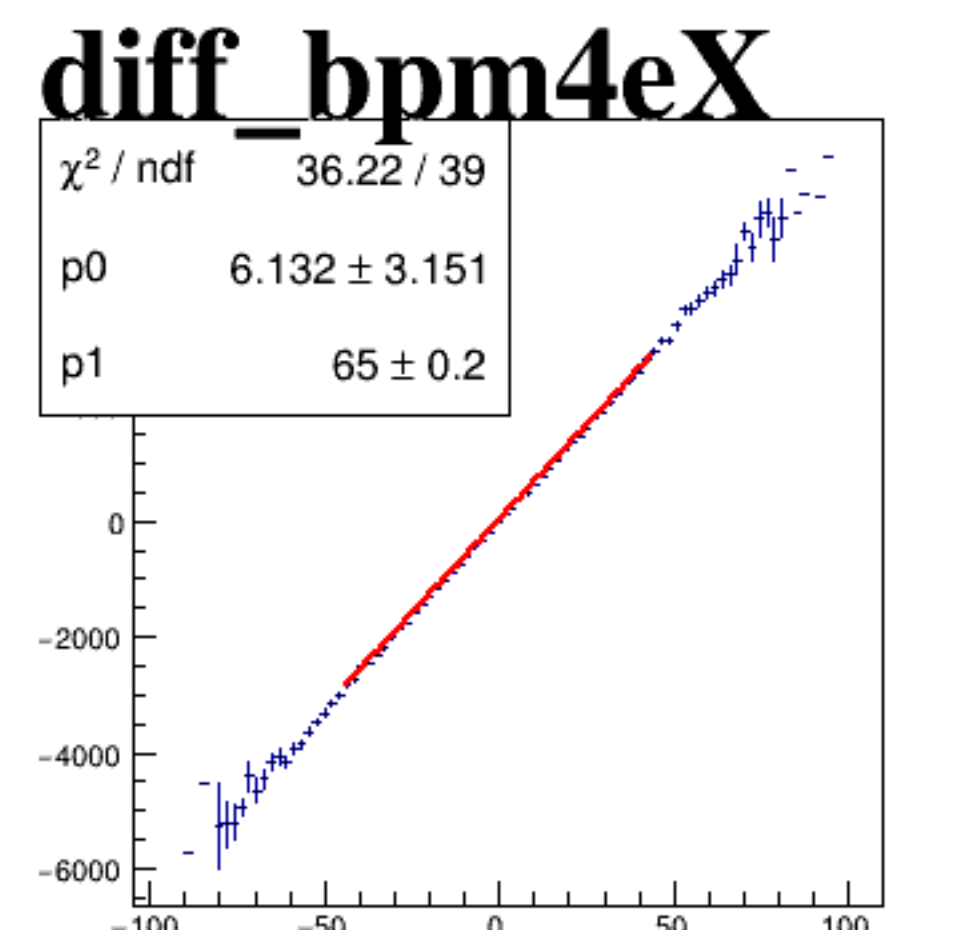
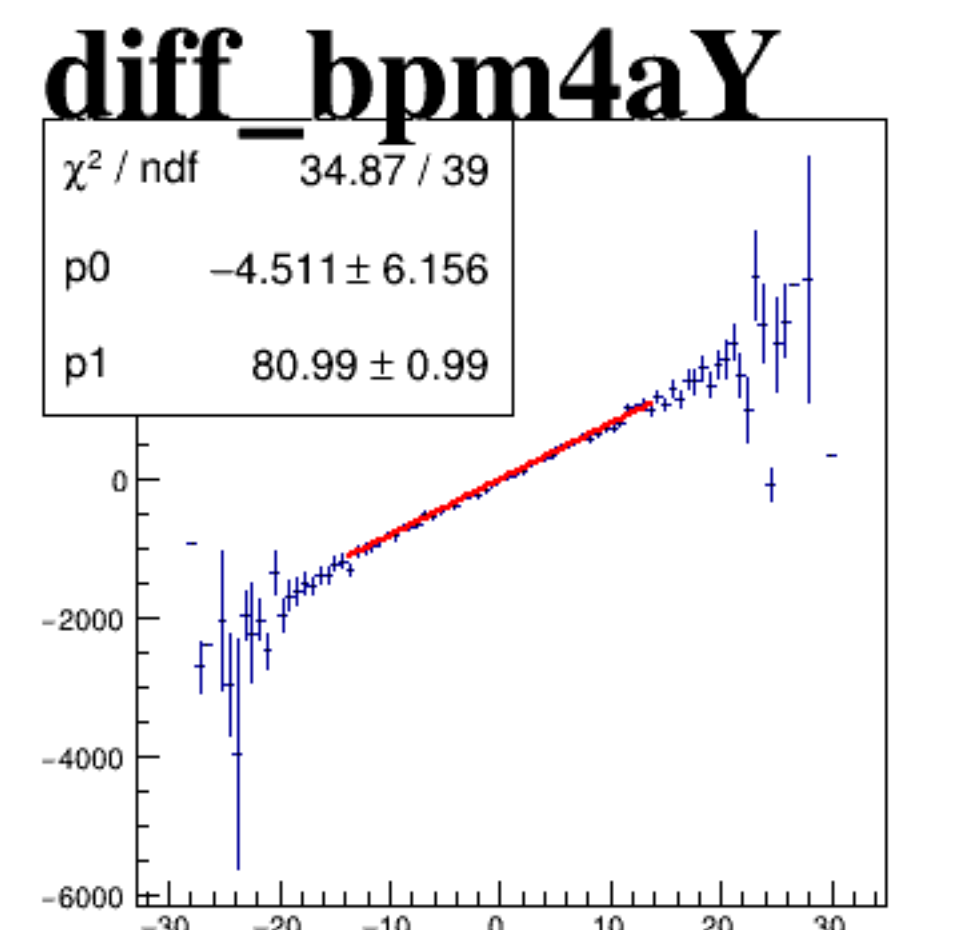
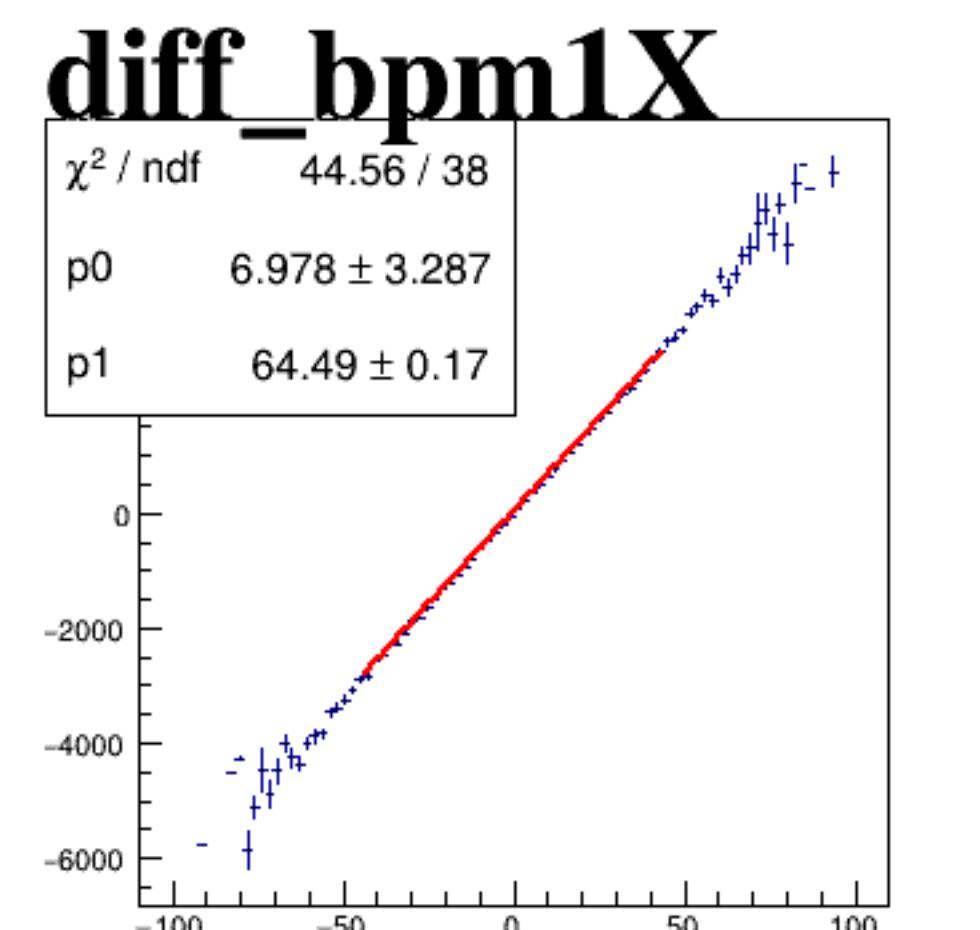
asym_sam2



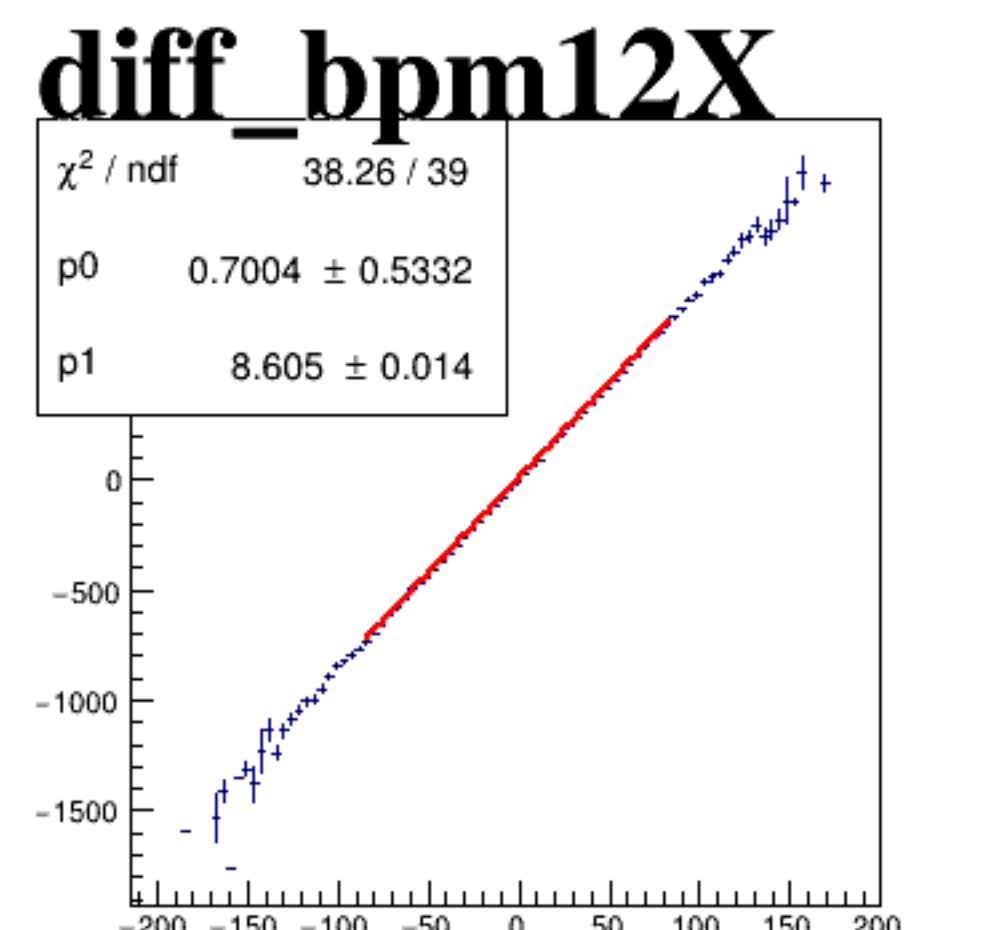
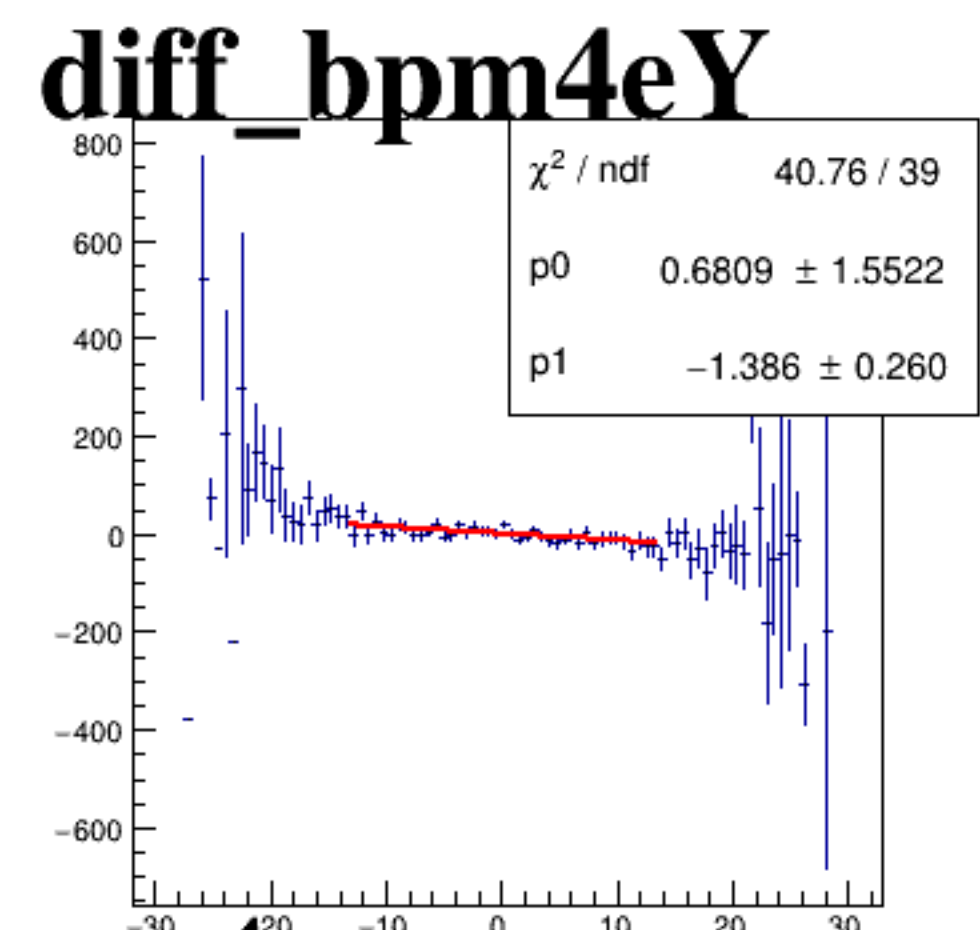
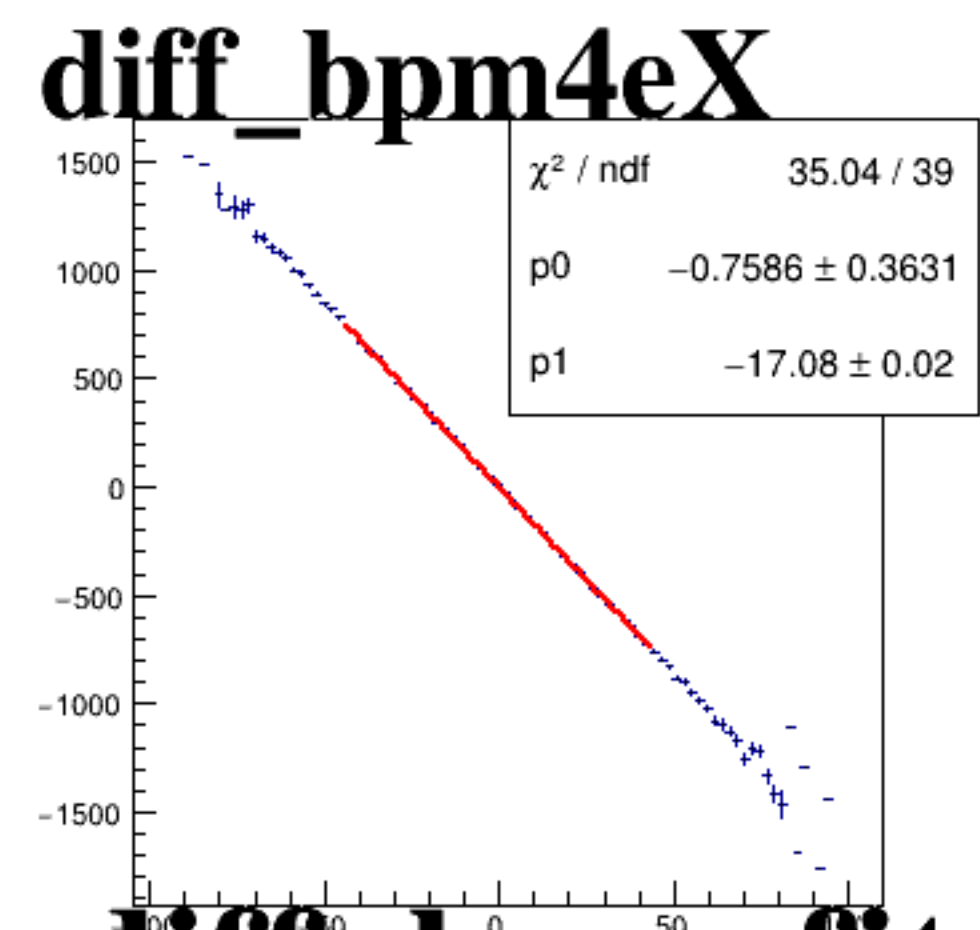
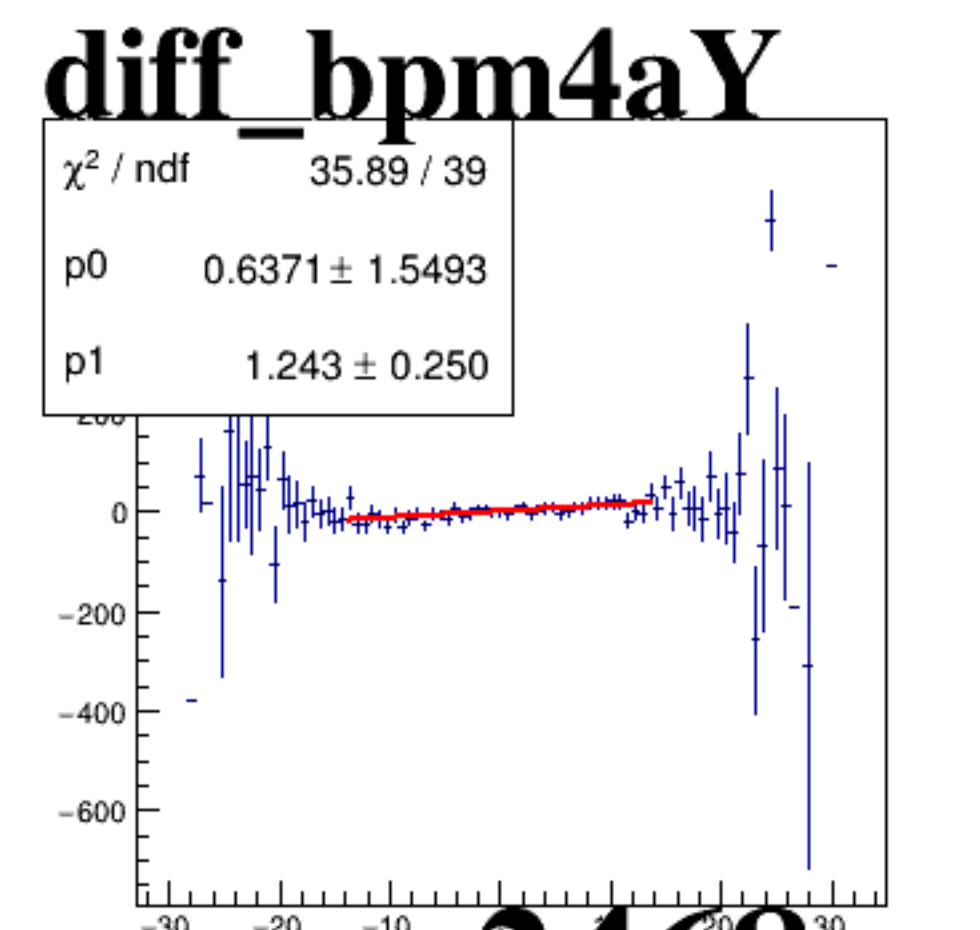
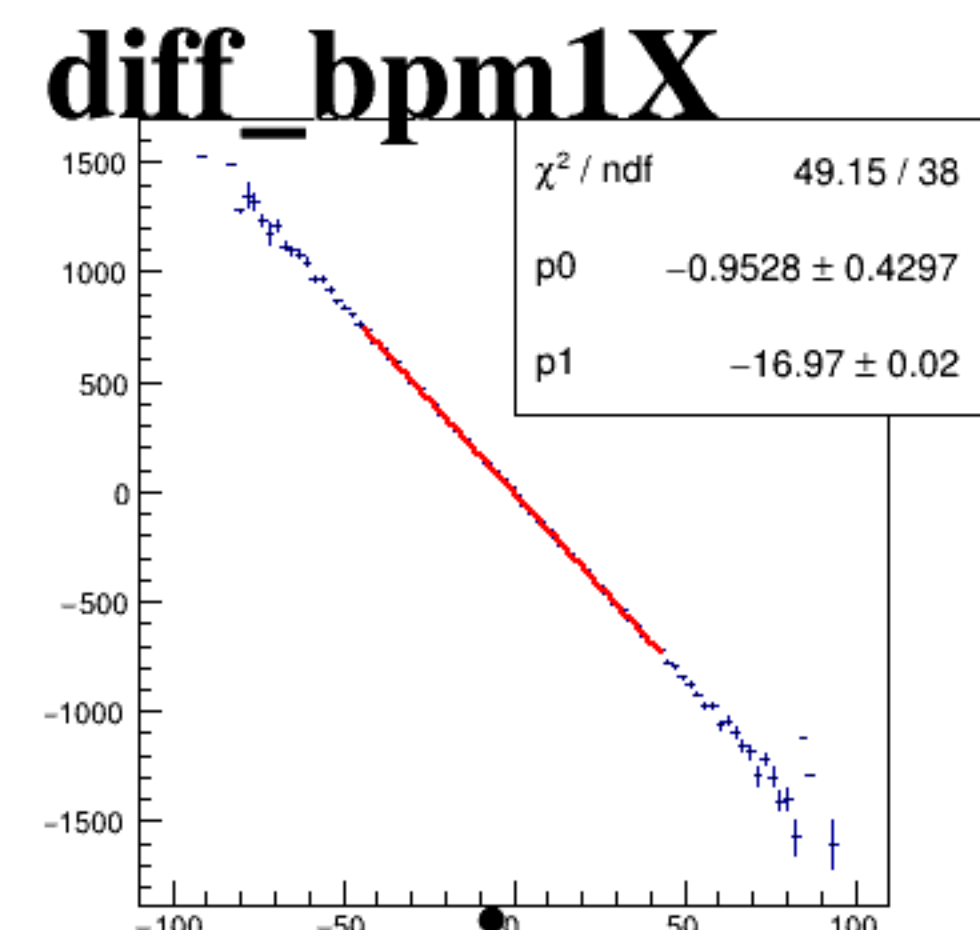
asym_sam4



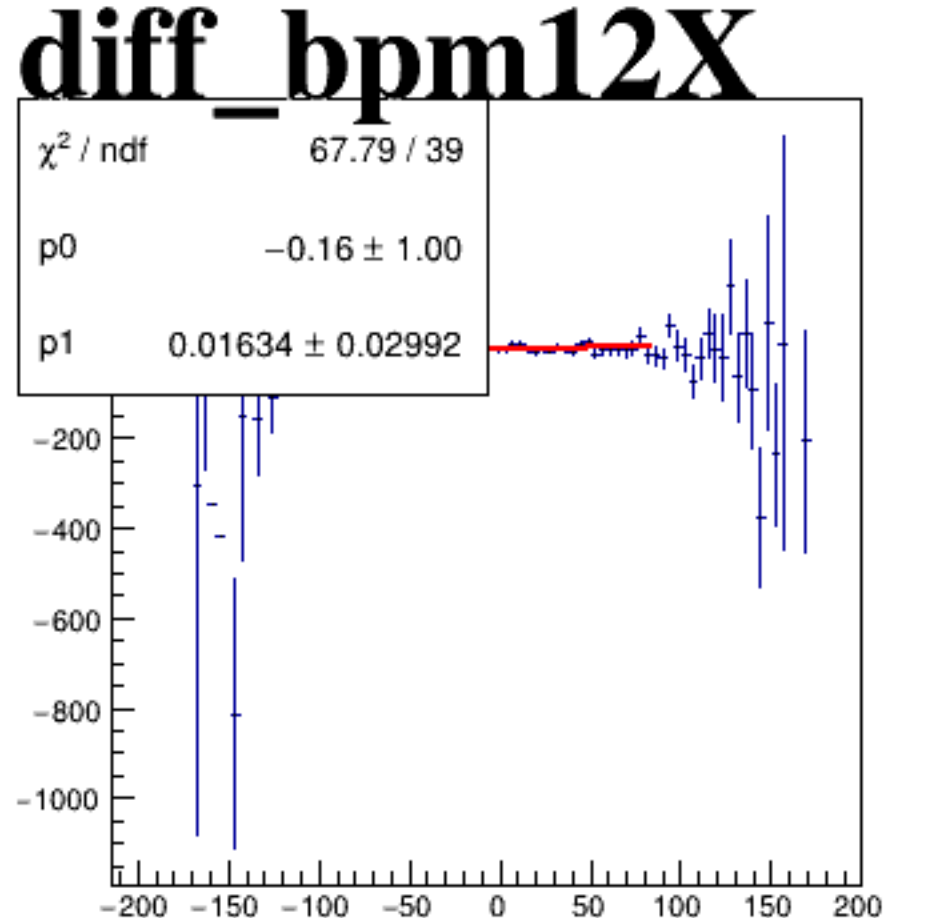
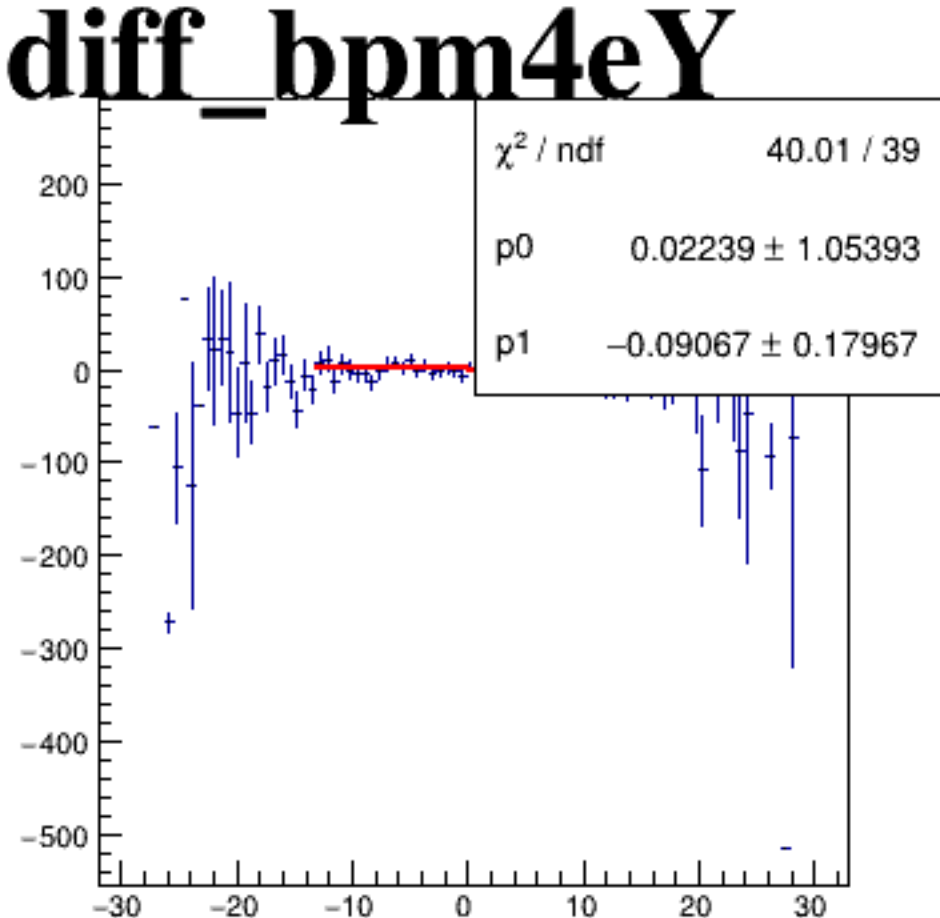
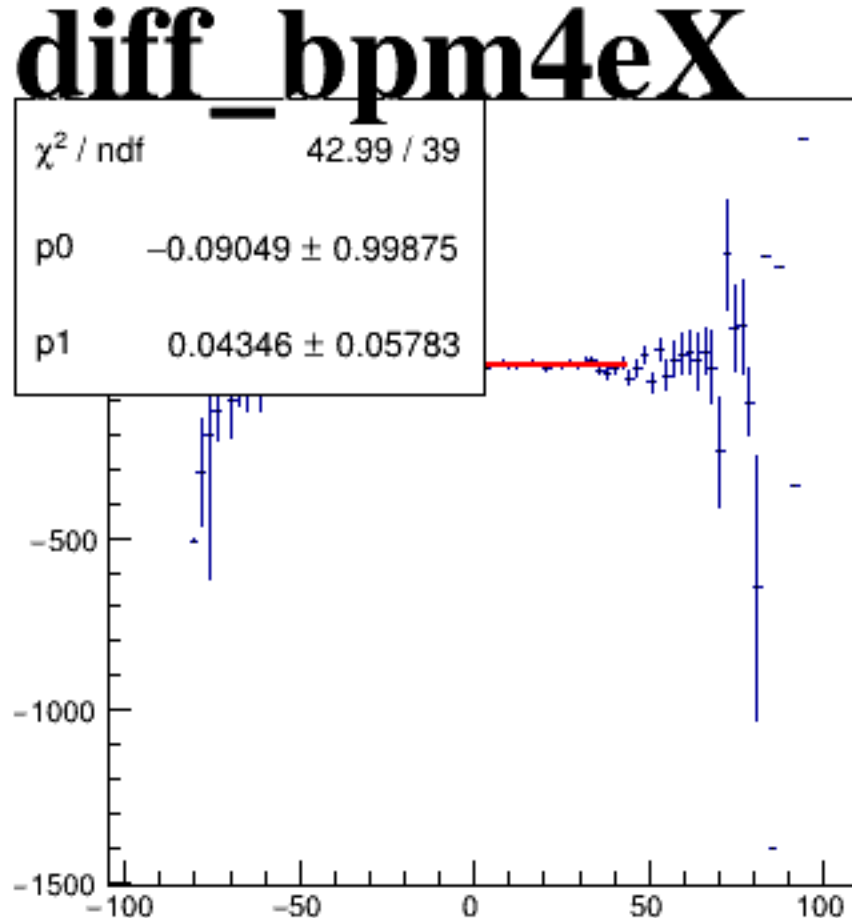
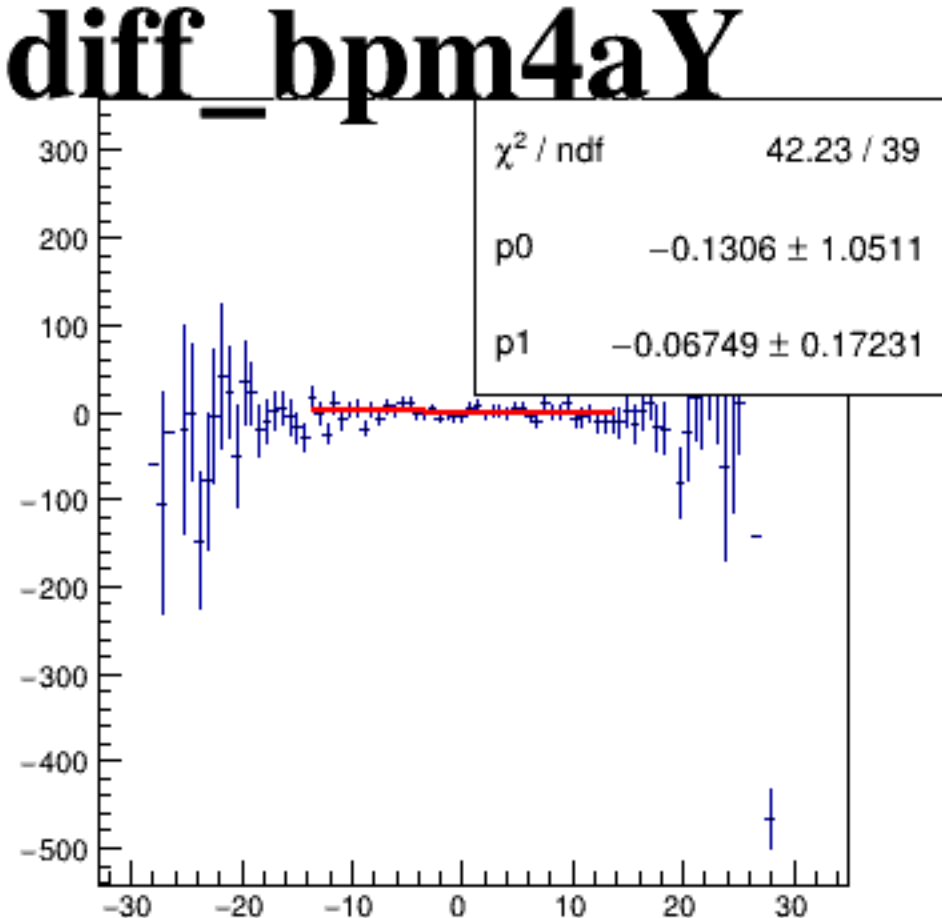
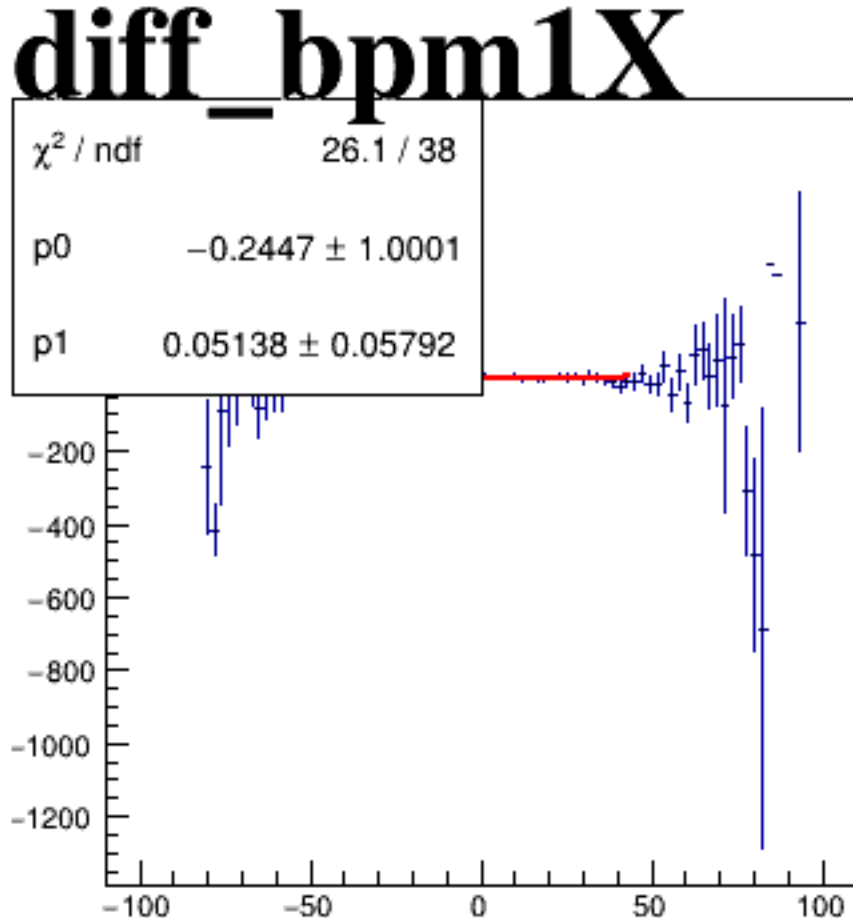
asym_sam6



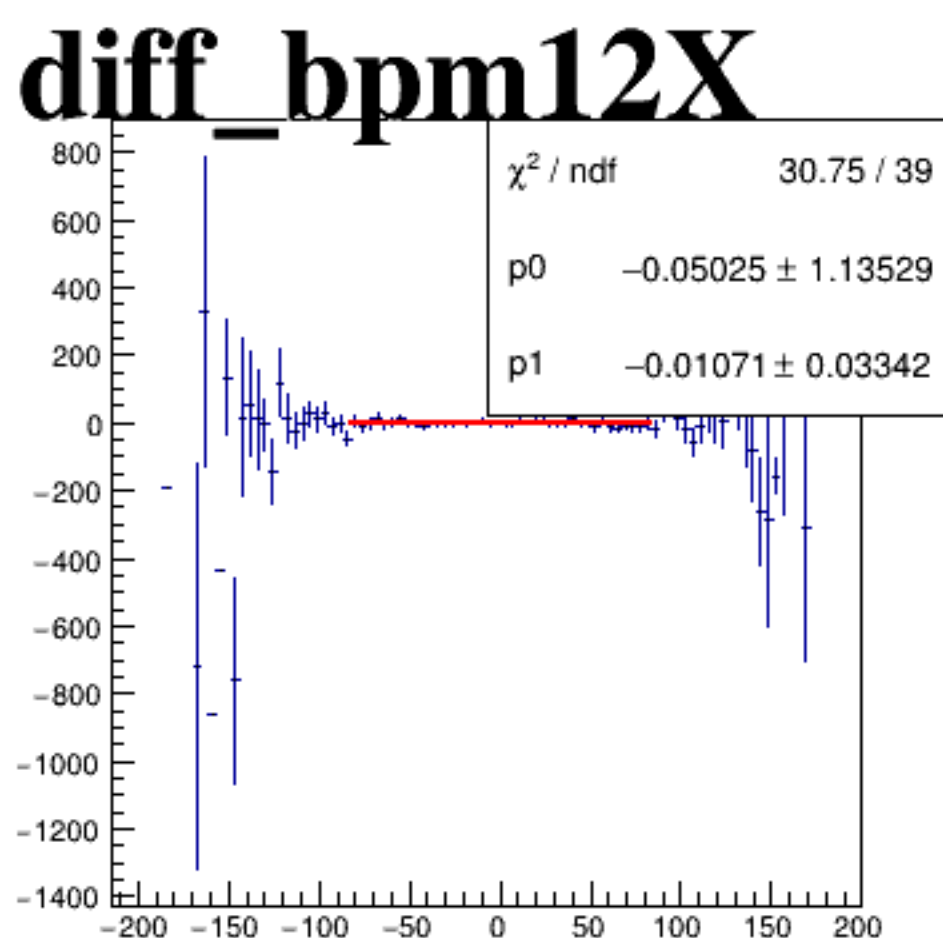
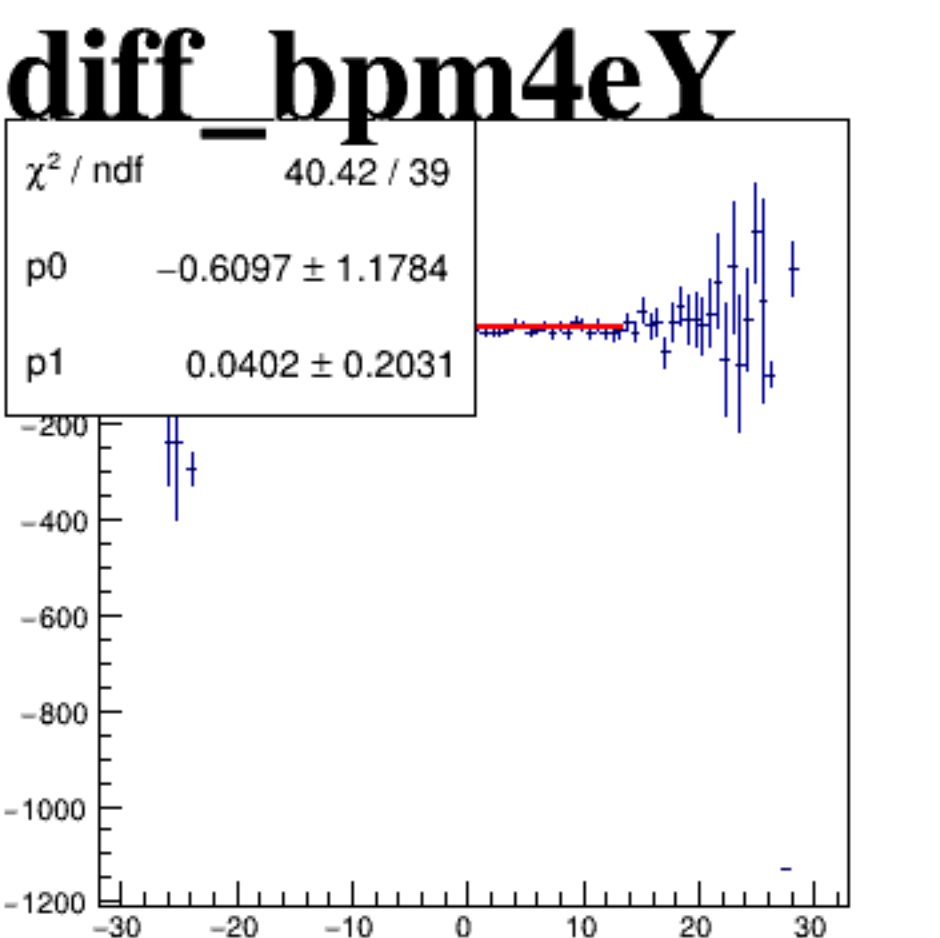
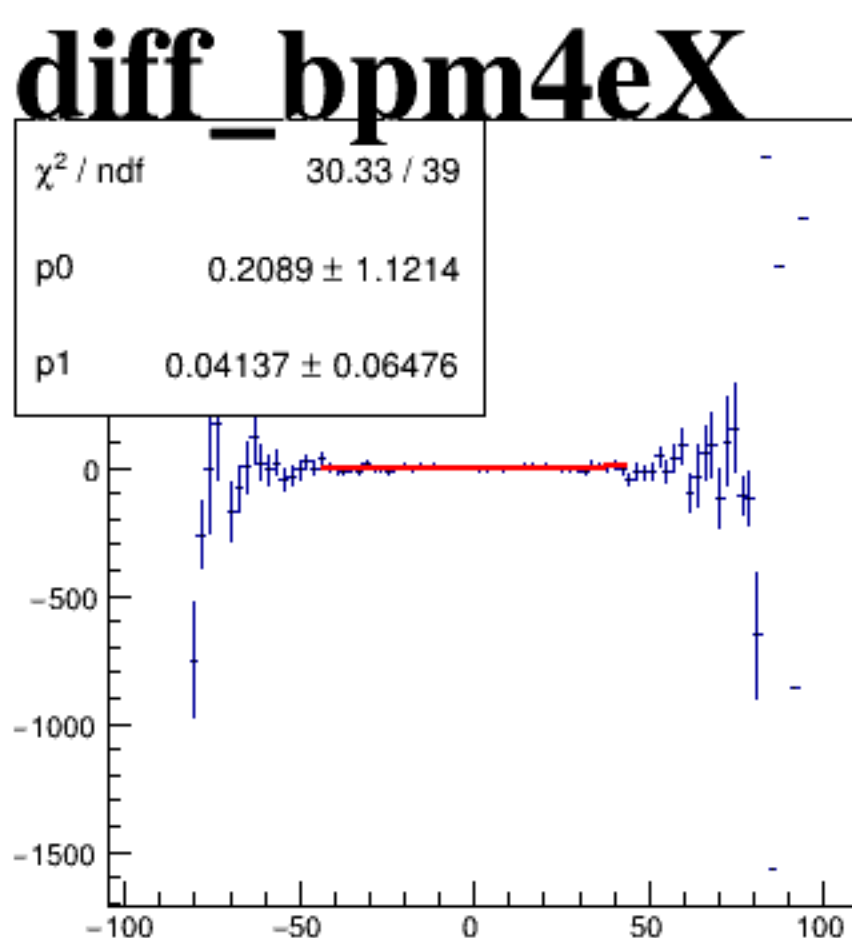
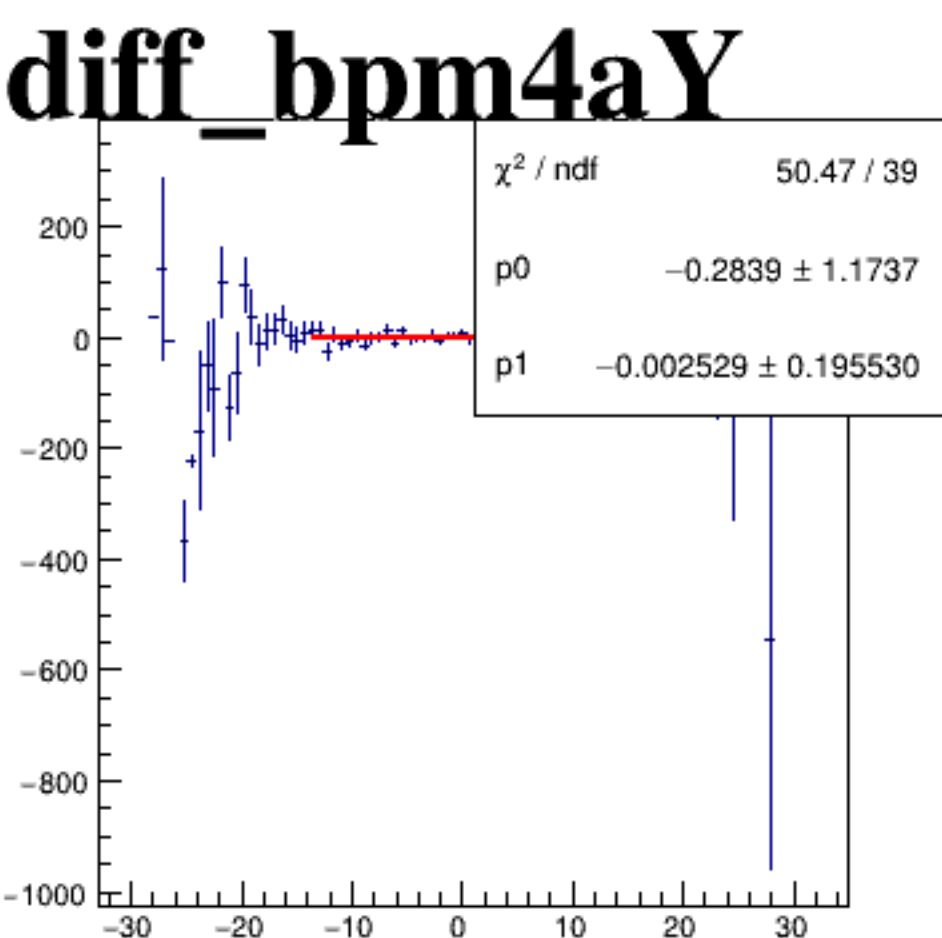
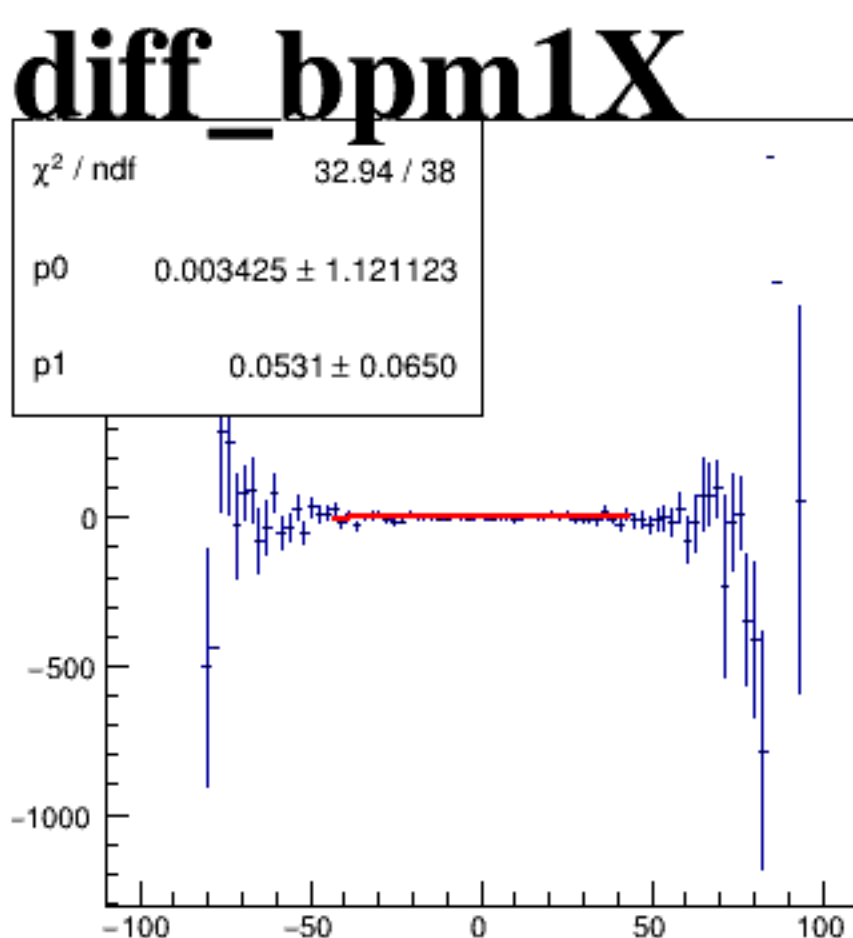
asym_sam8



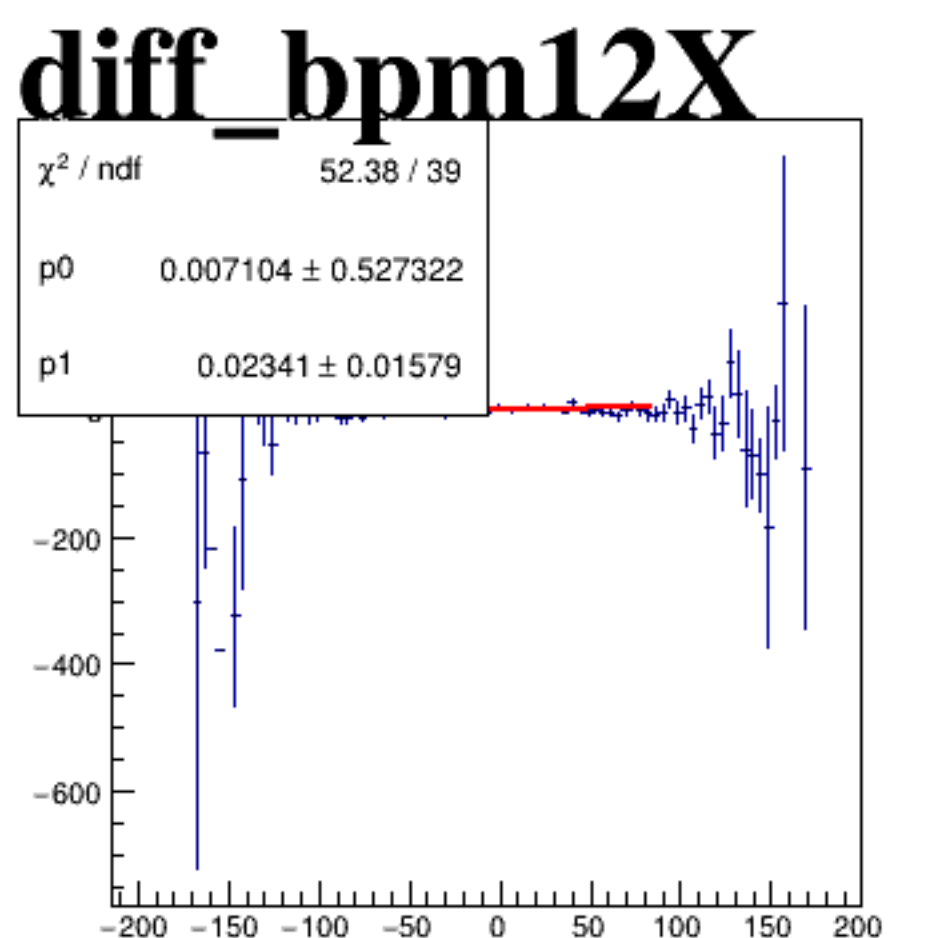
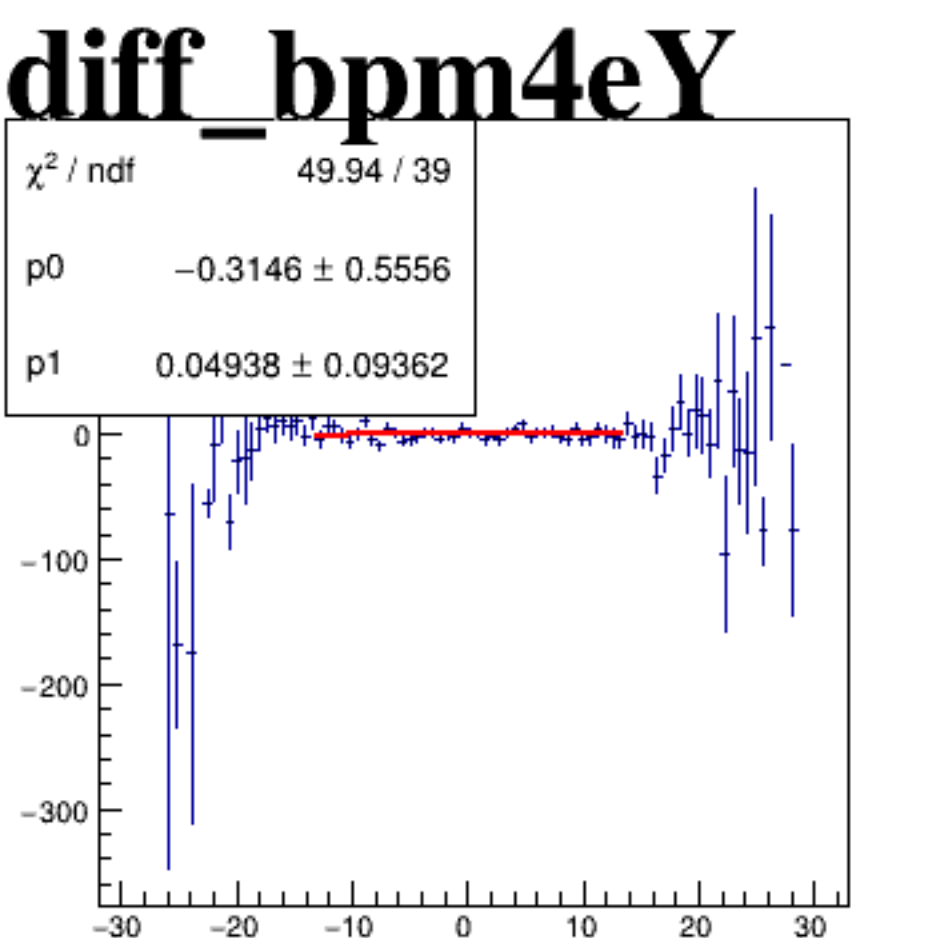
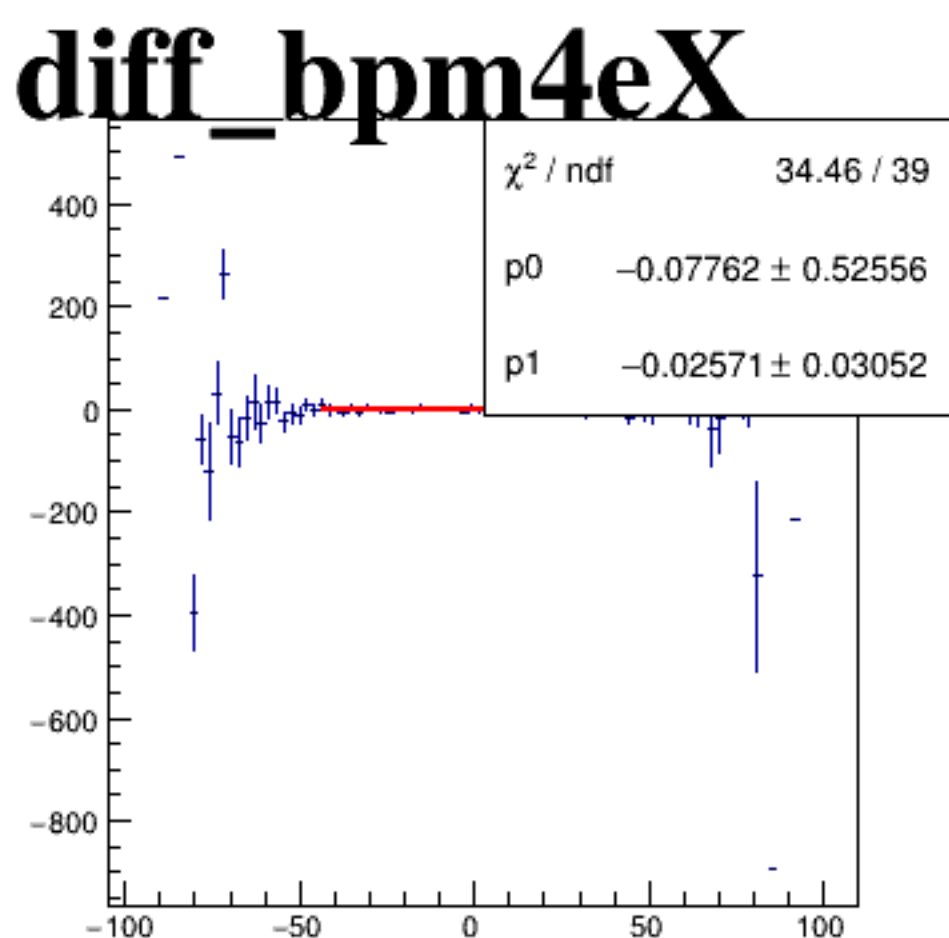
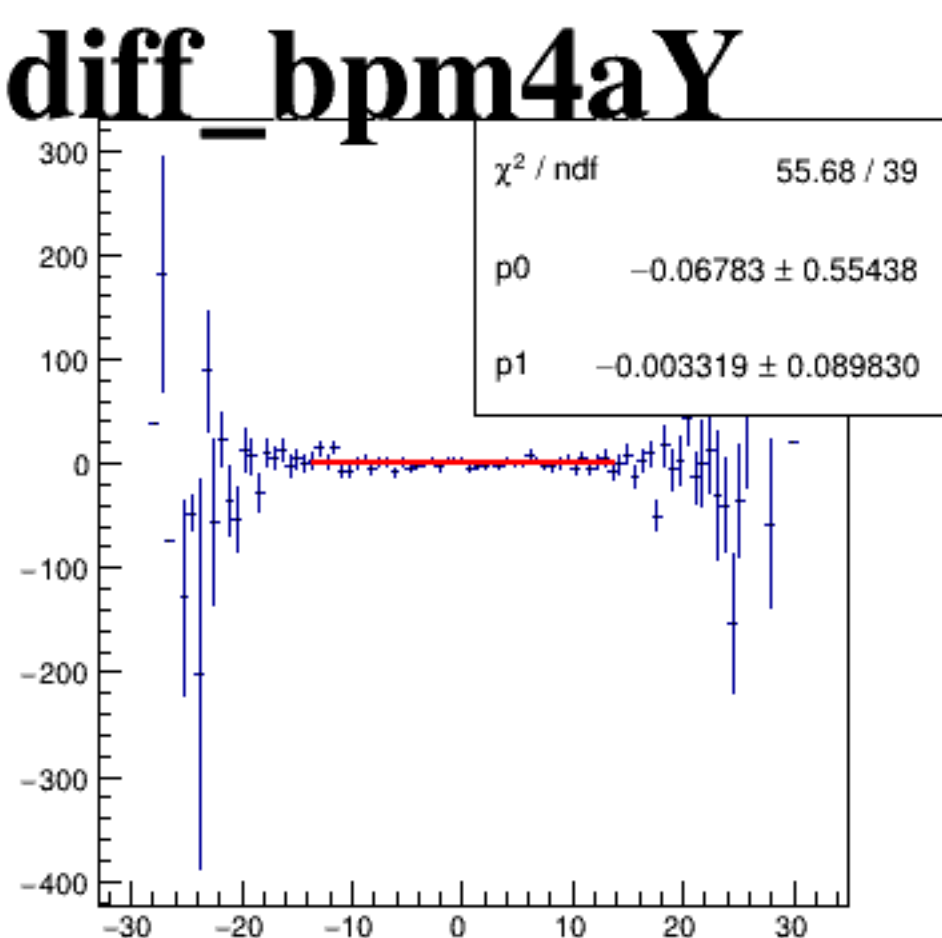
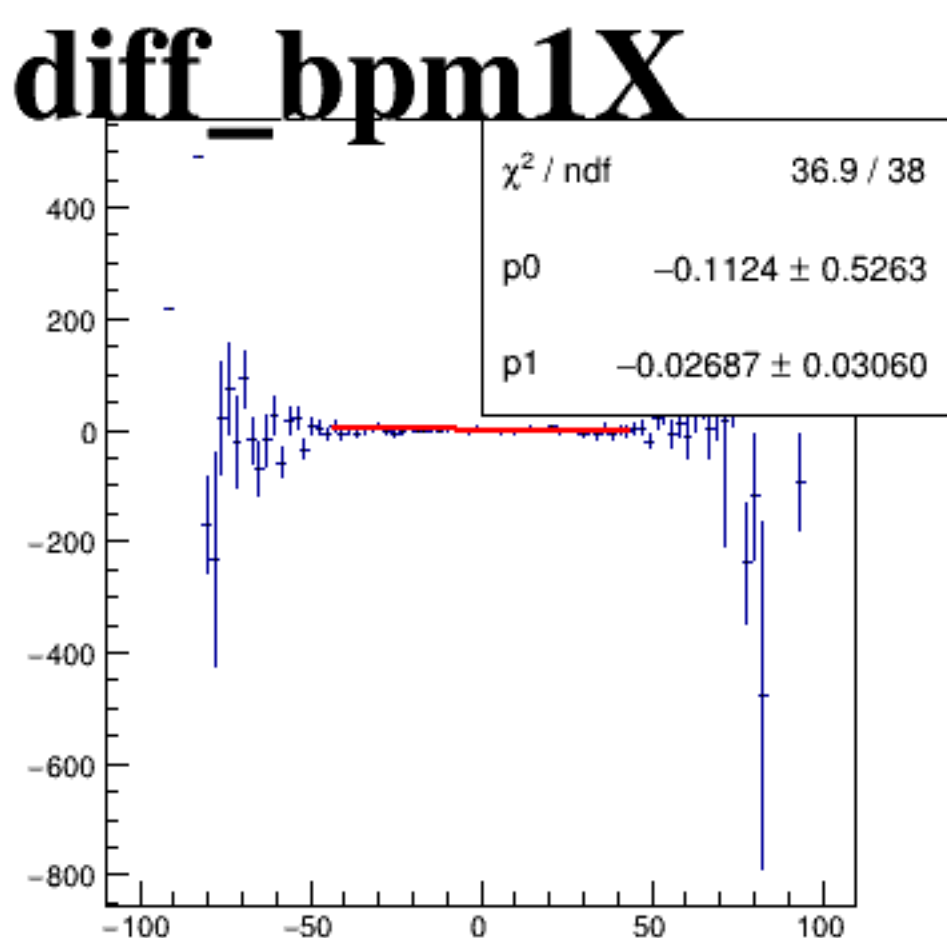
reg_asym_sam2



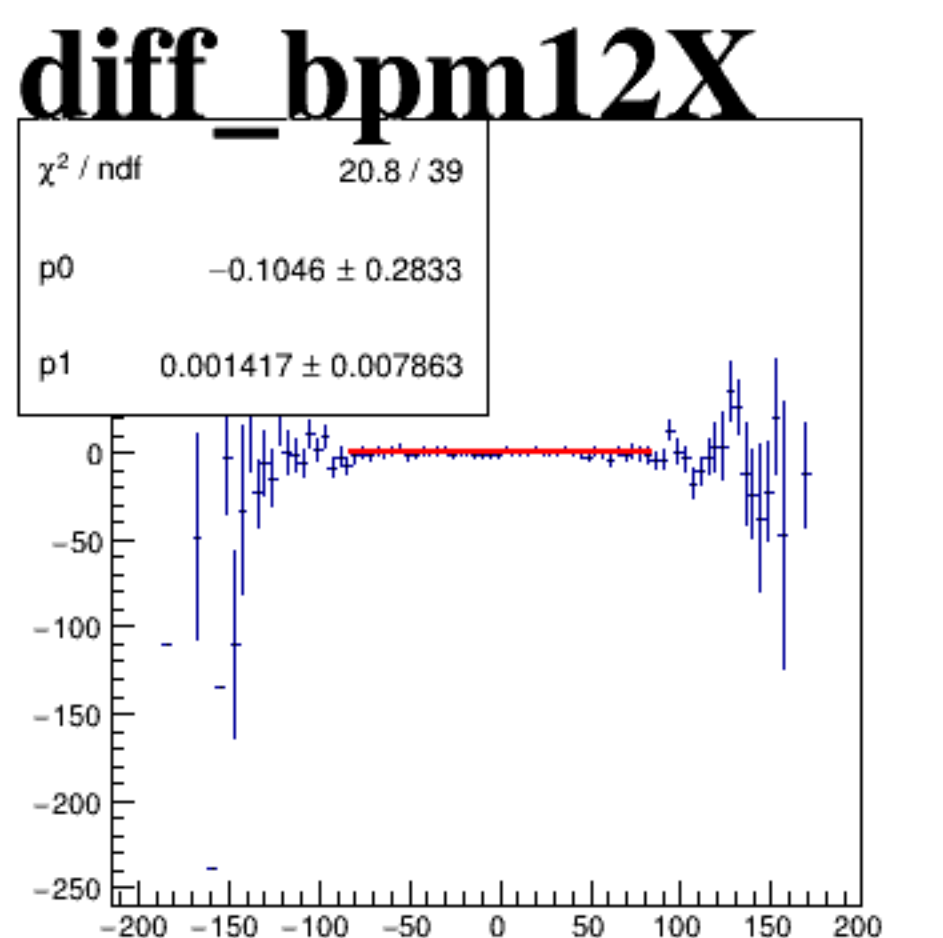
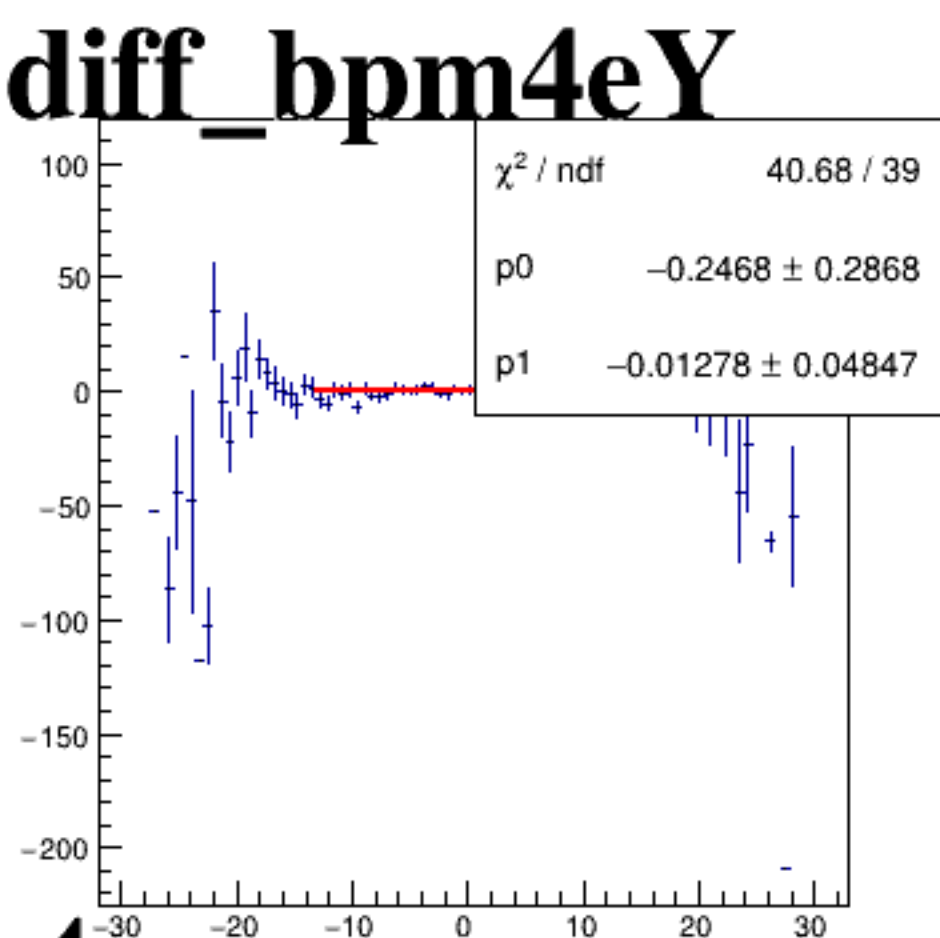
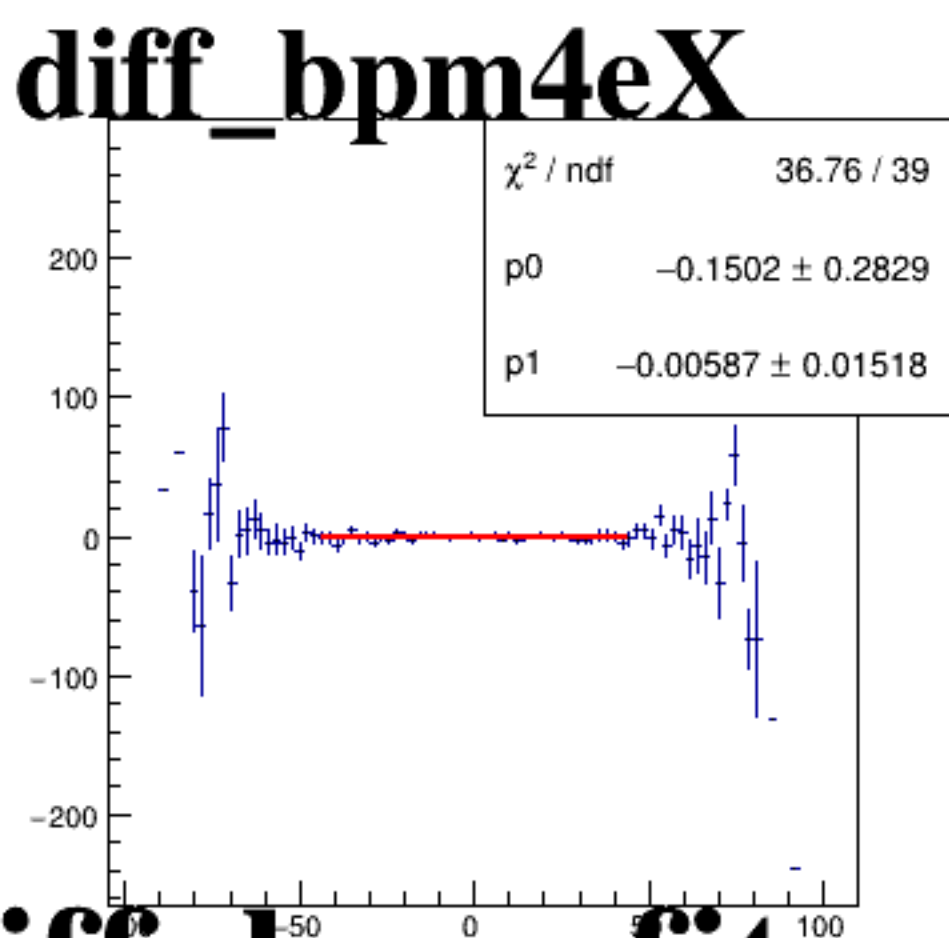
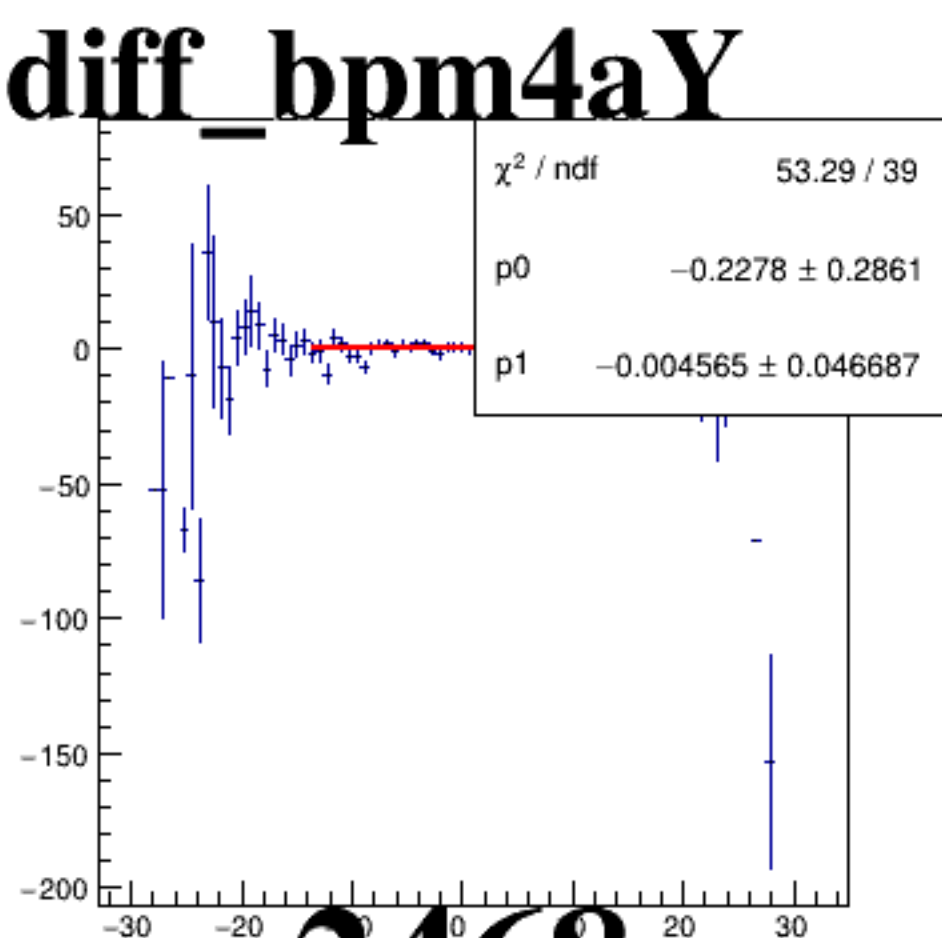
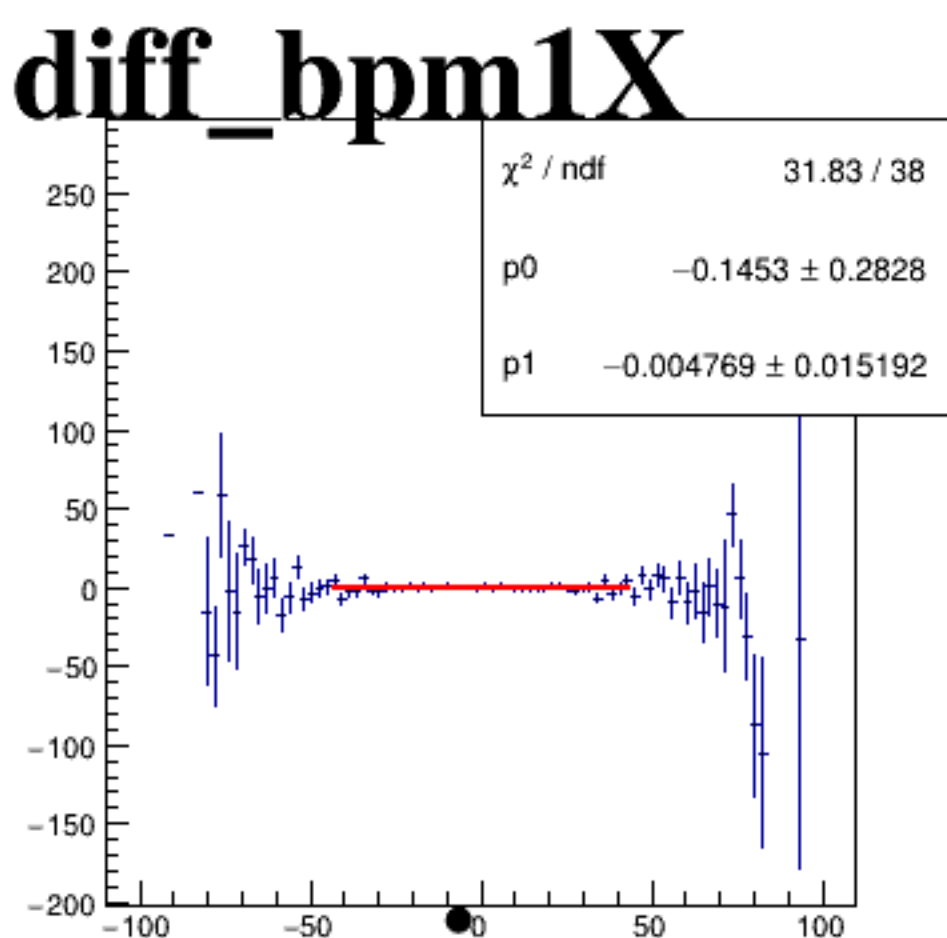
reg_asym_sam4



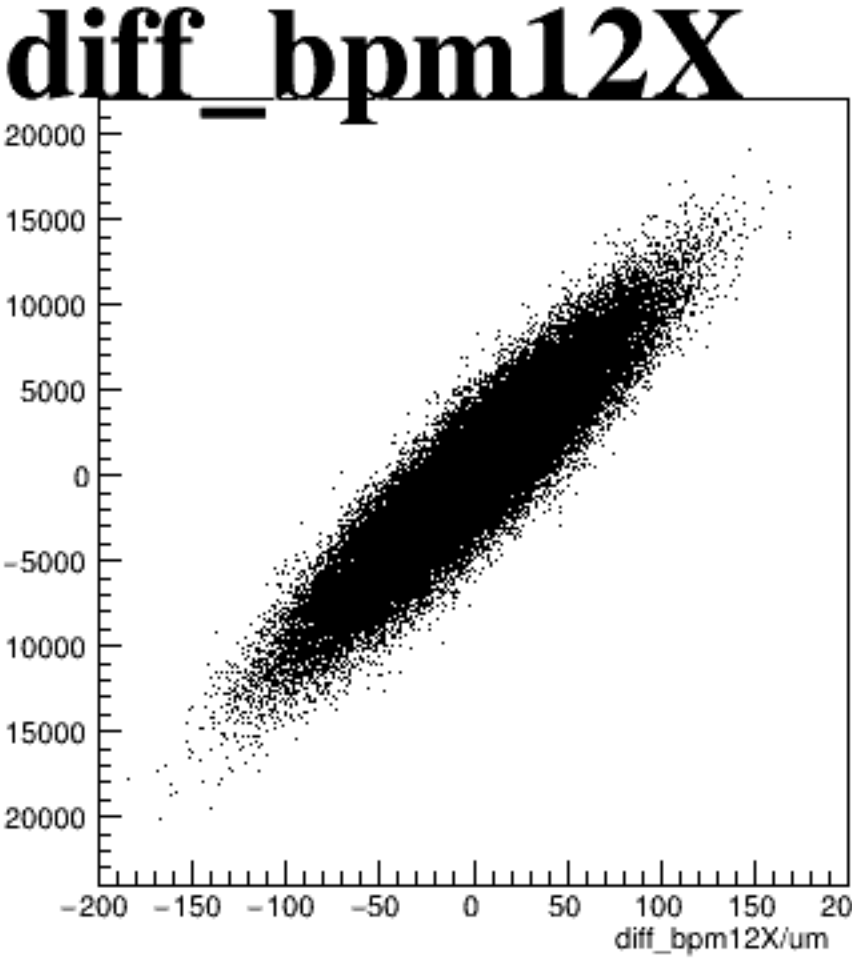
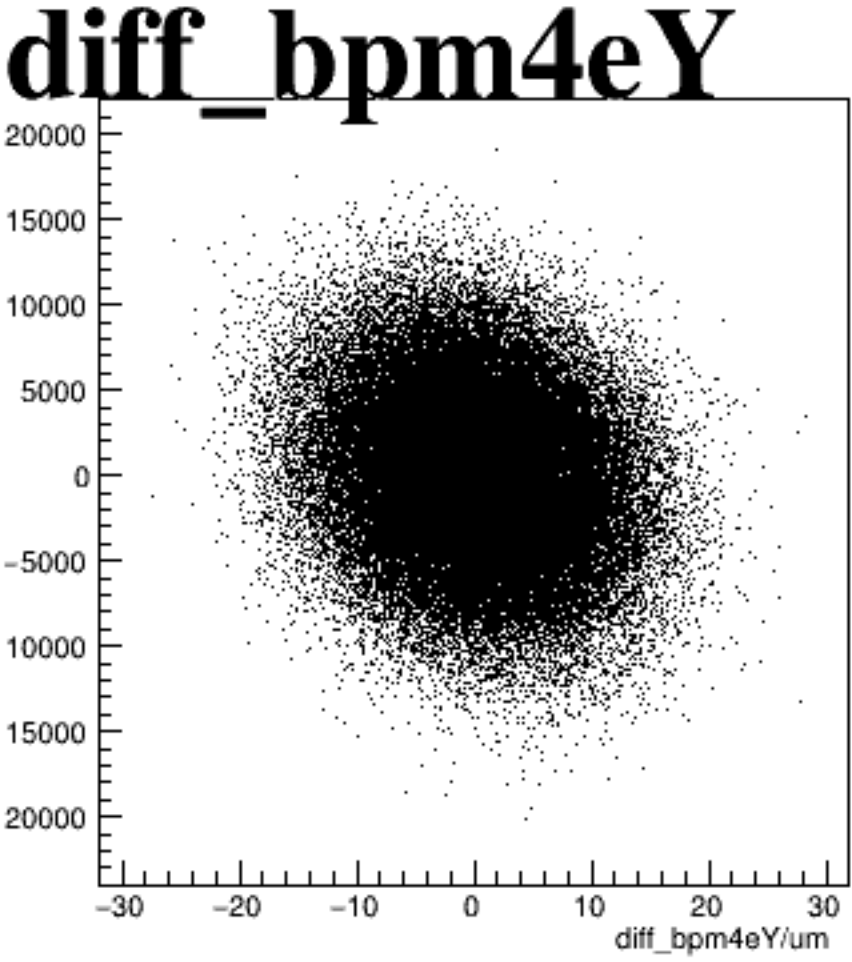
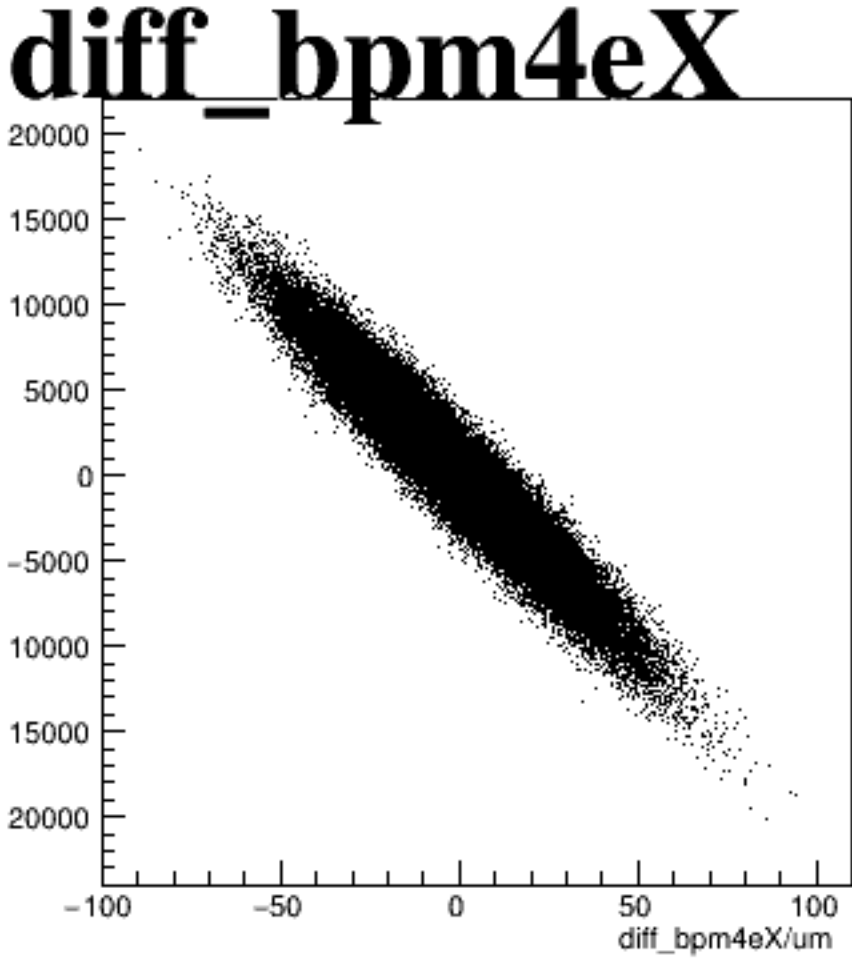
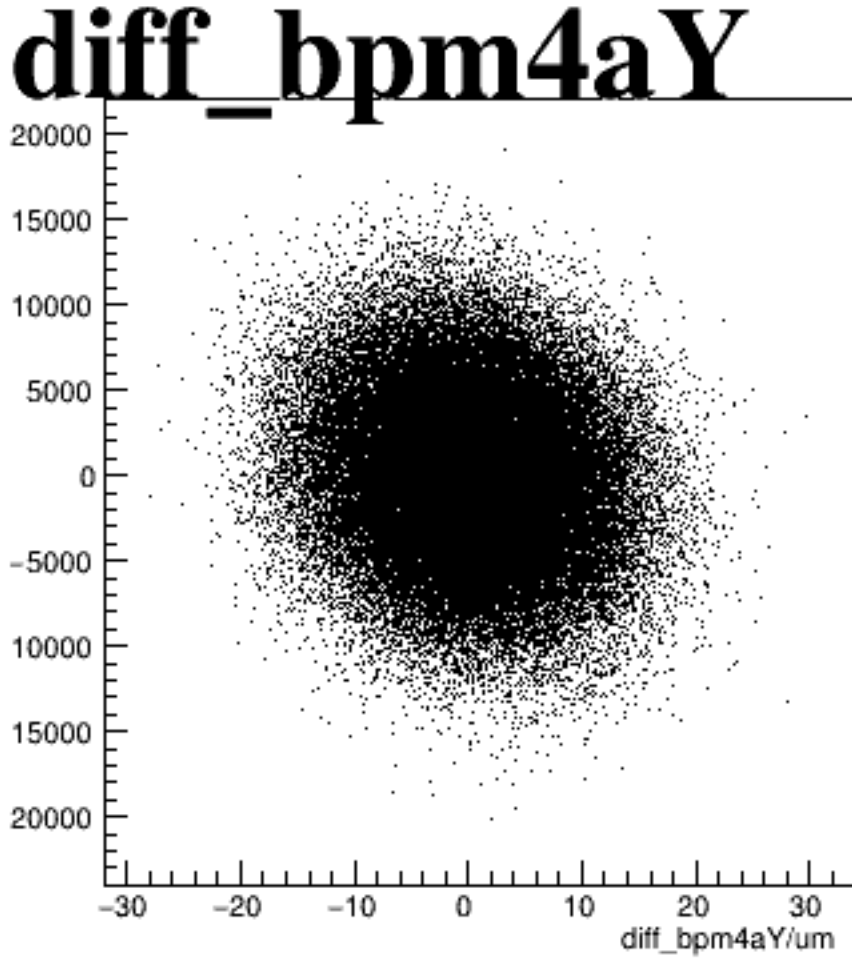
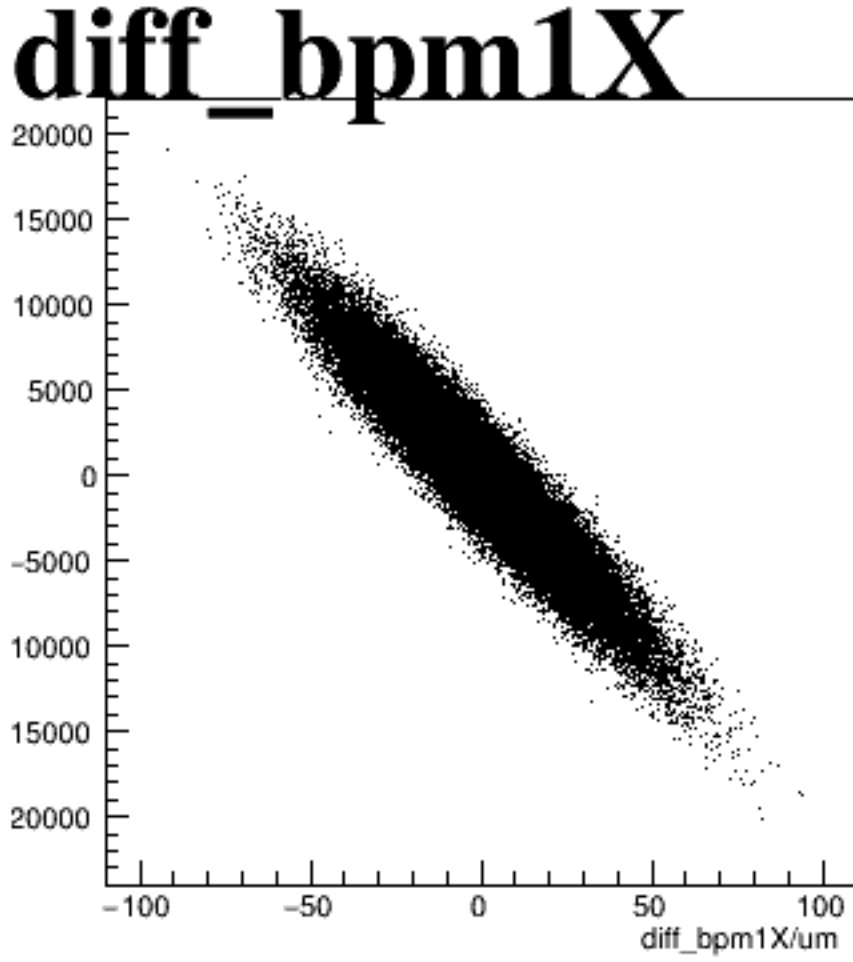
reg_asym_sam6



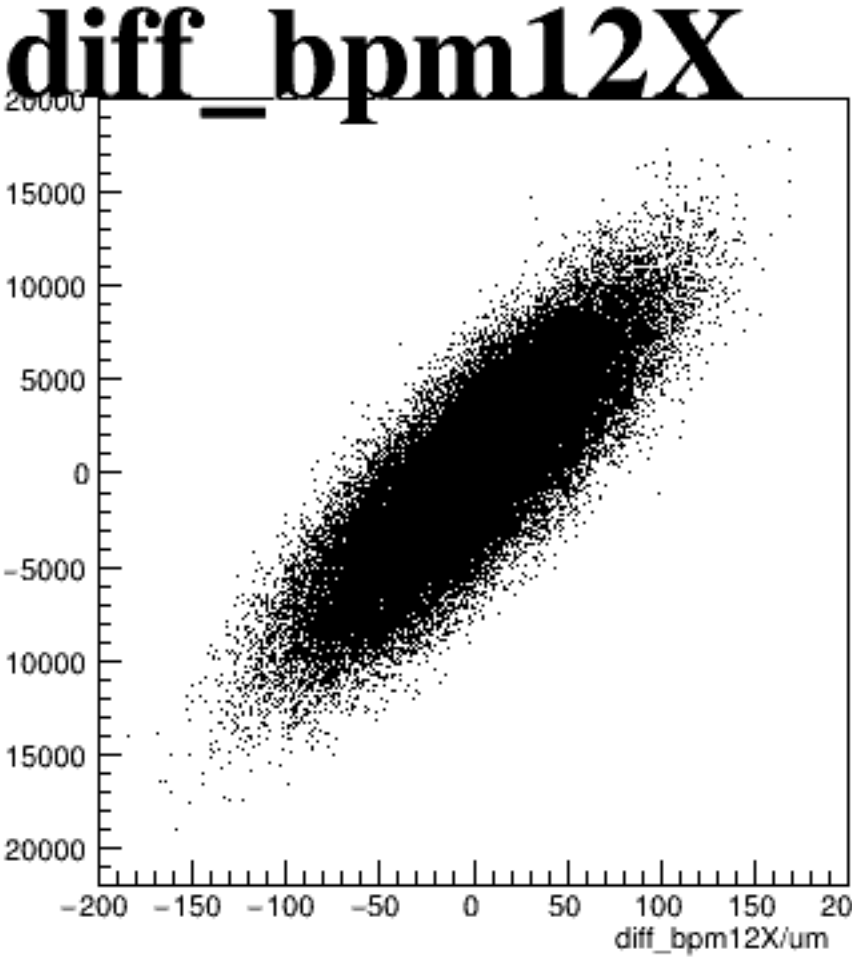
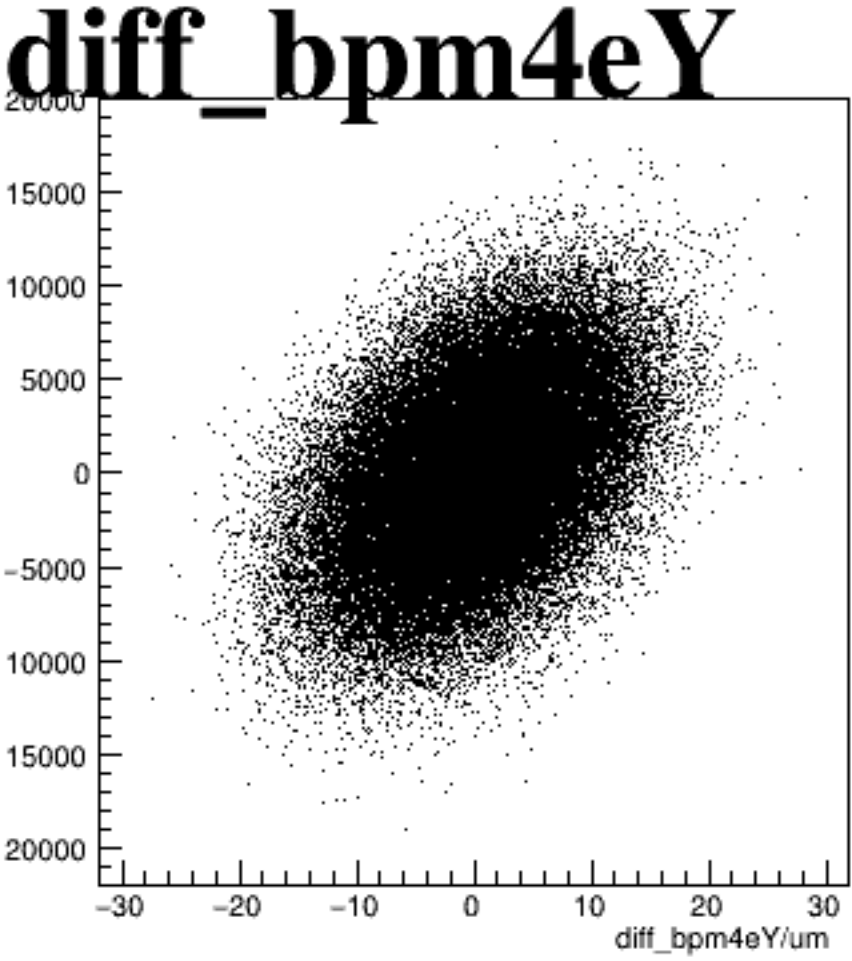
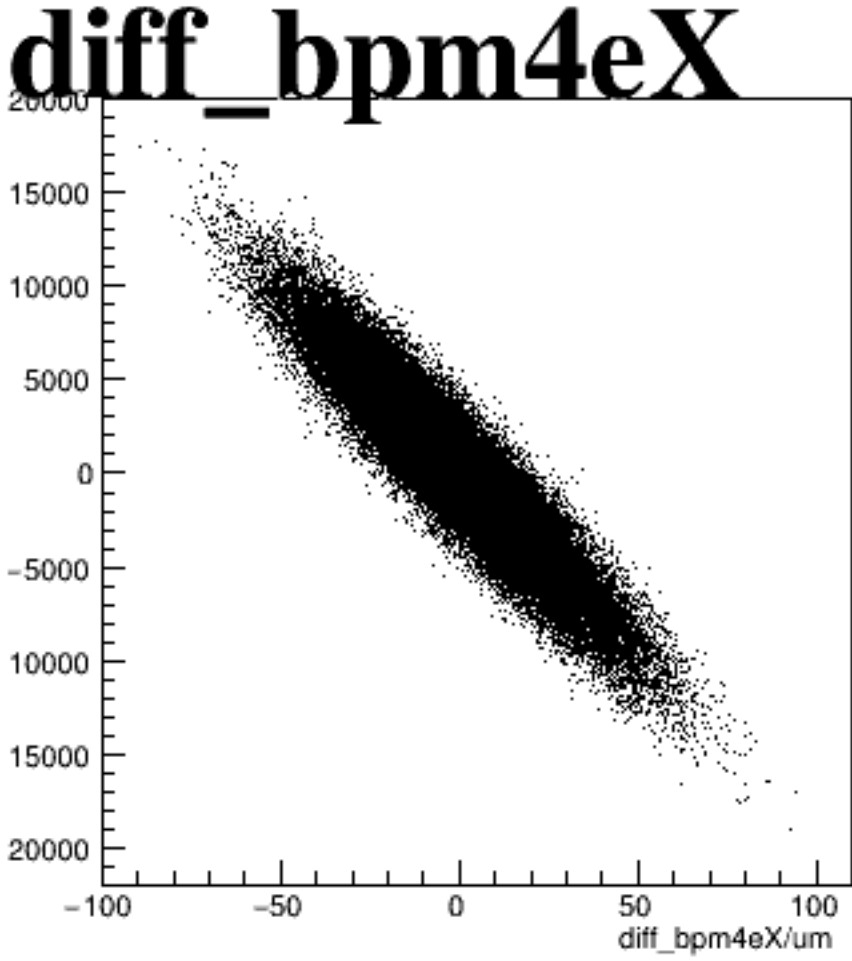
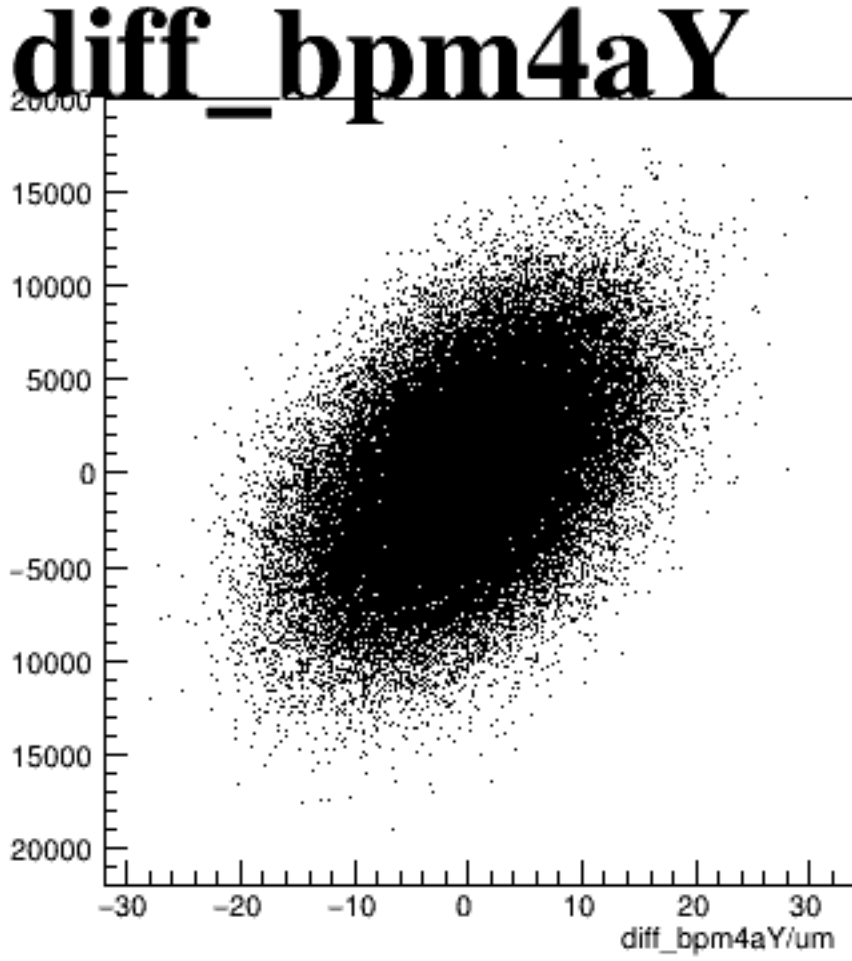
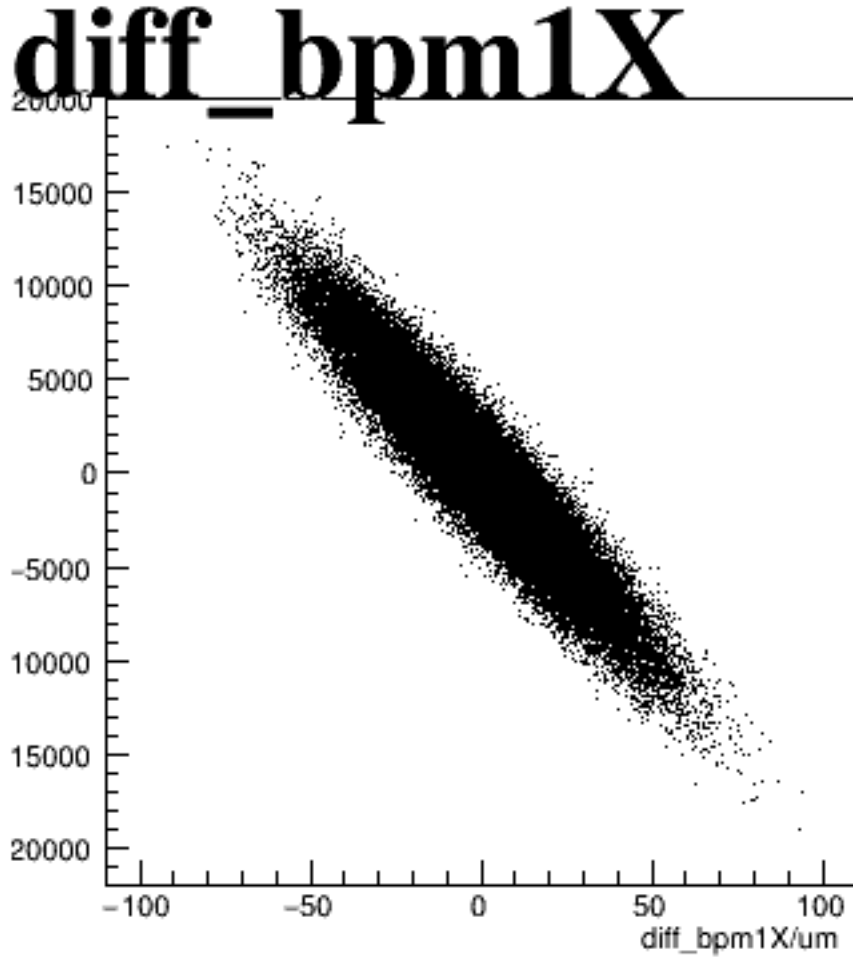
reg_asym_sam8



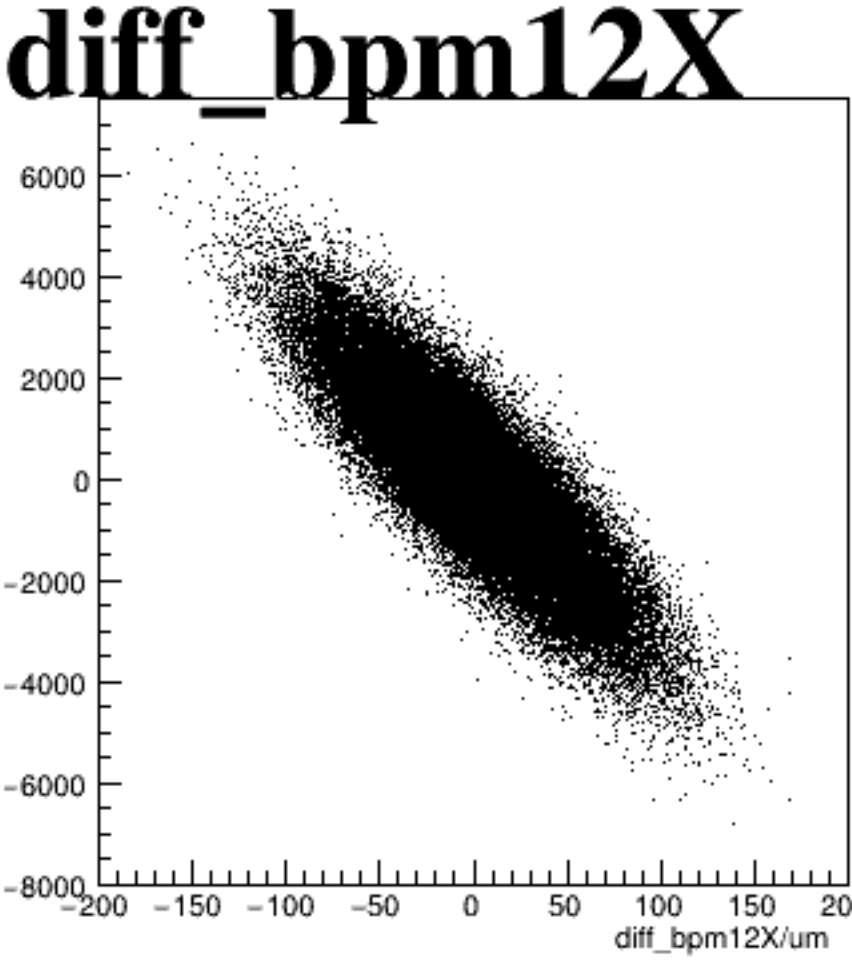
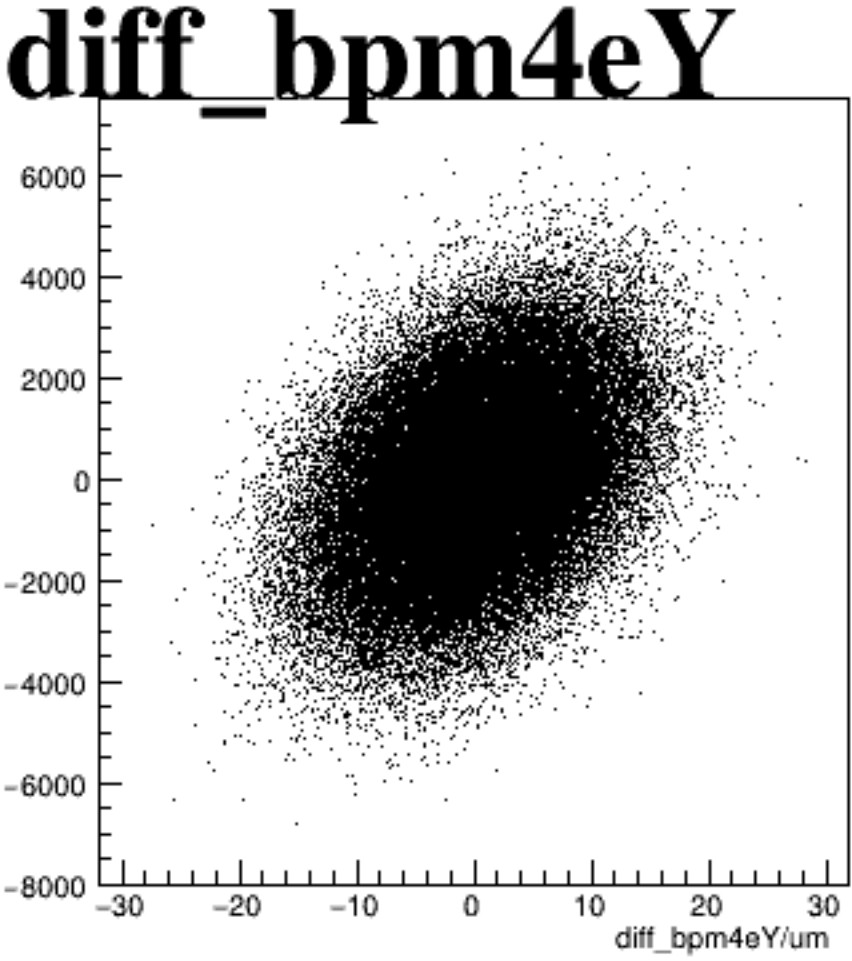
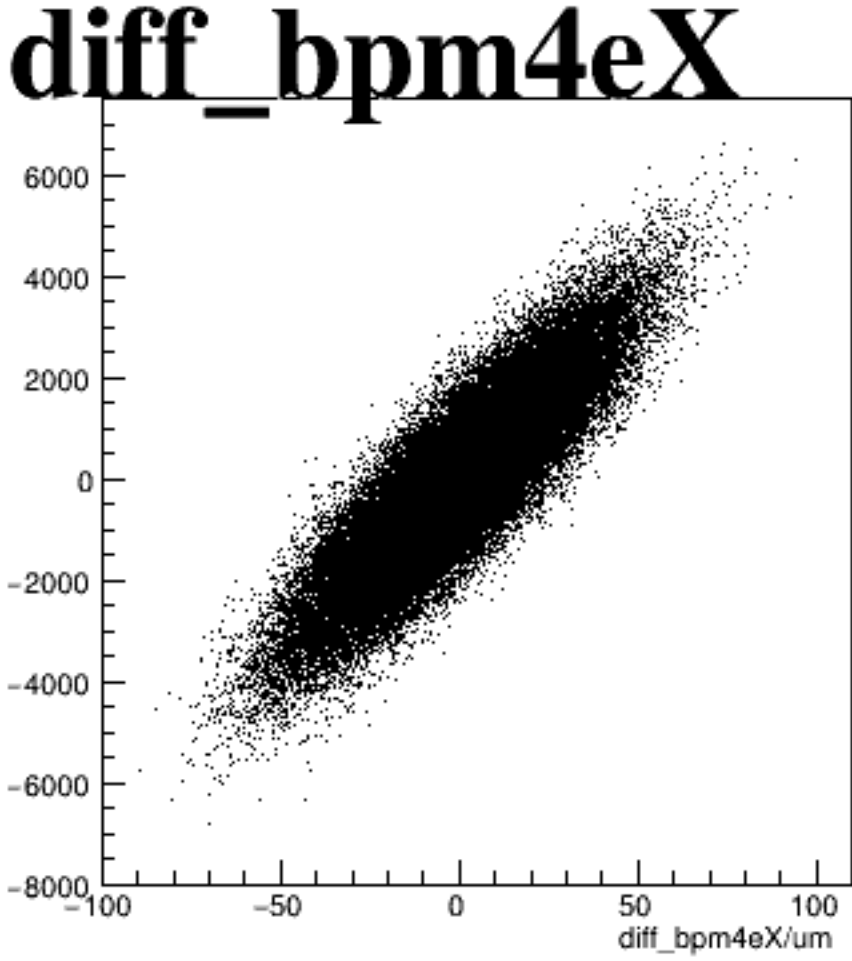
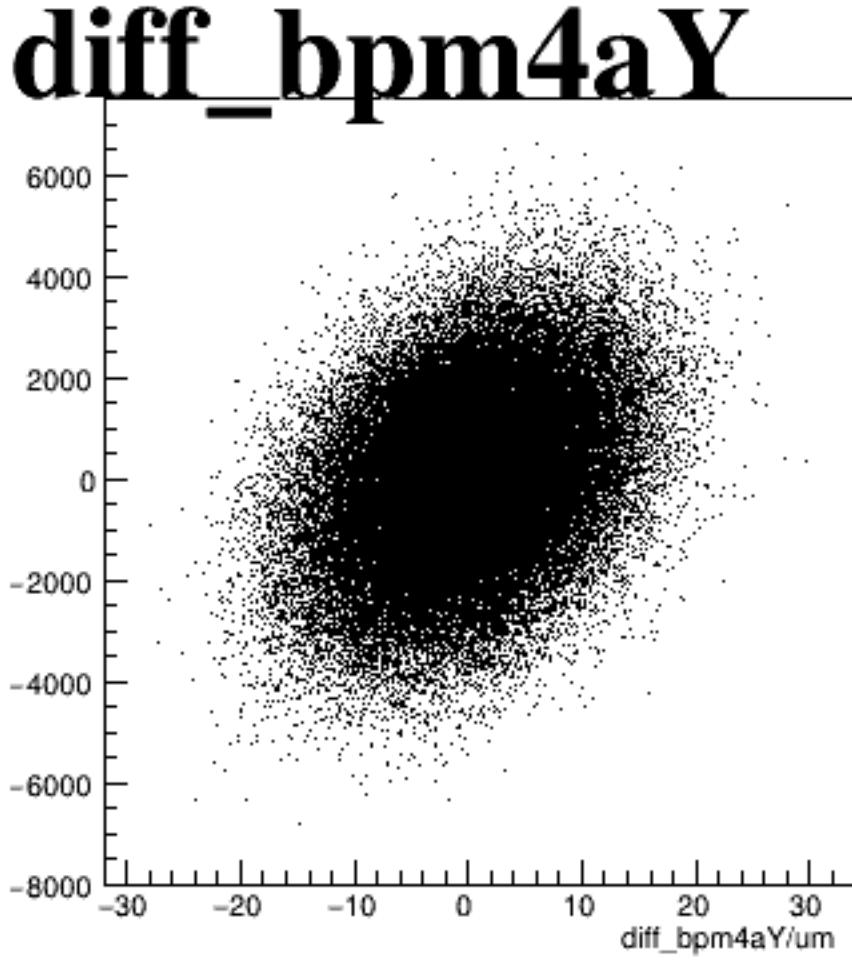
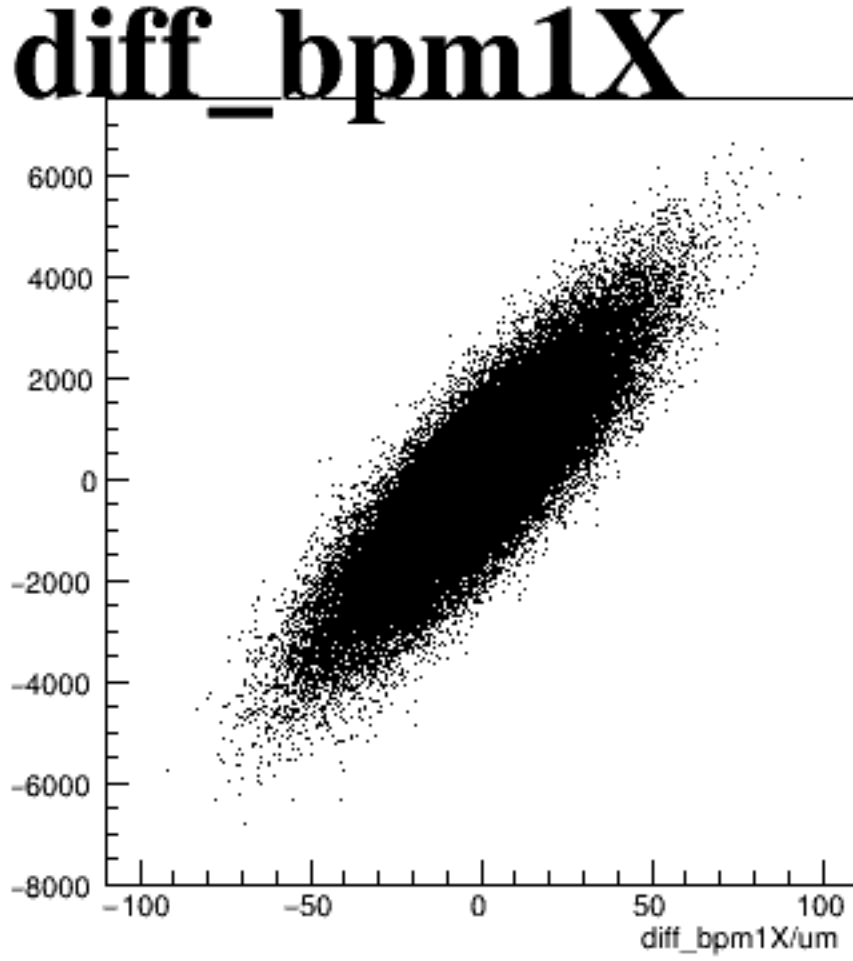
asym_sam2



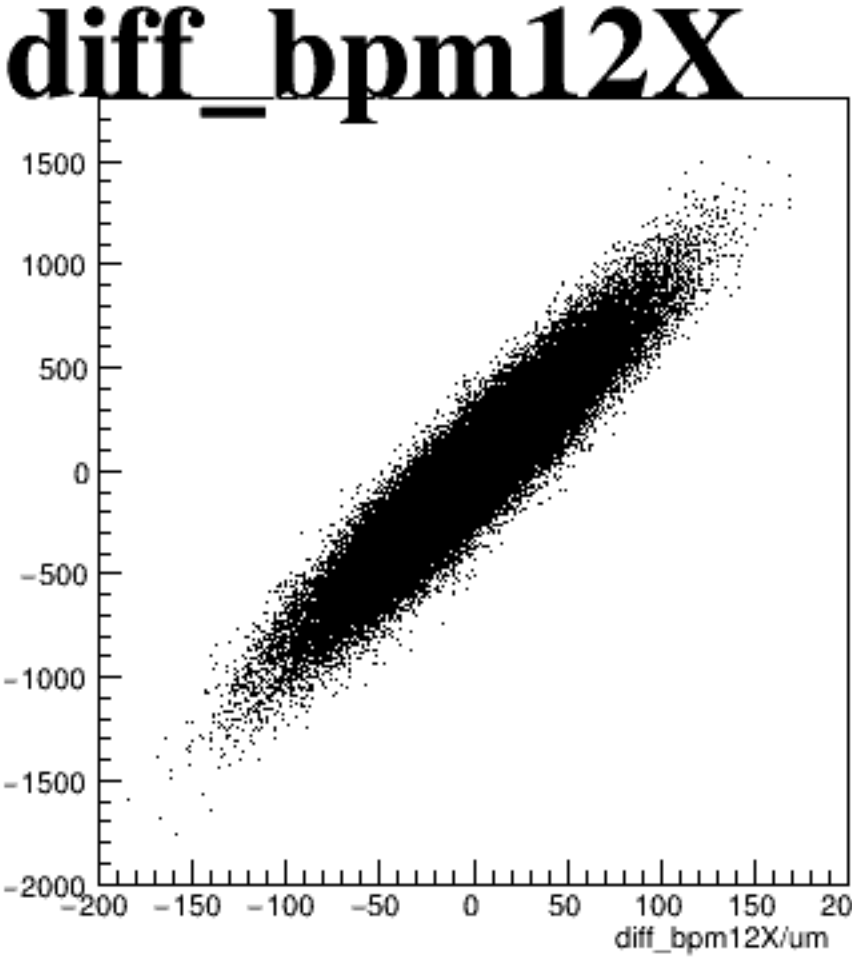
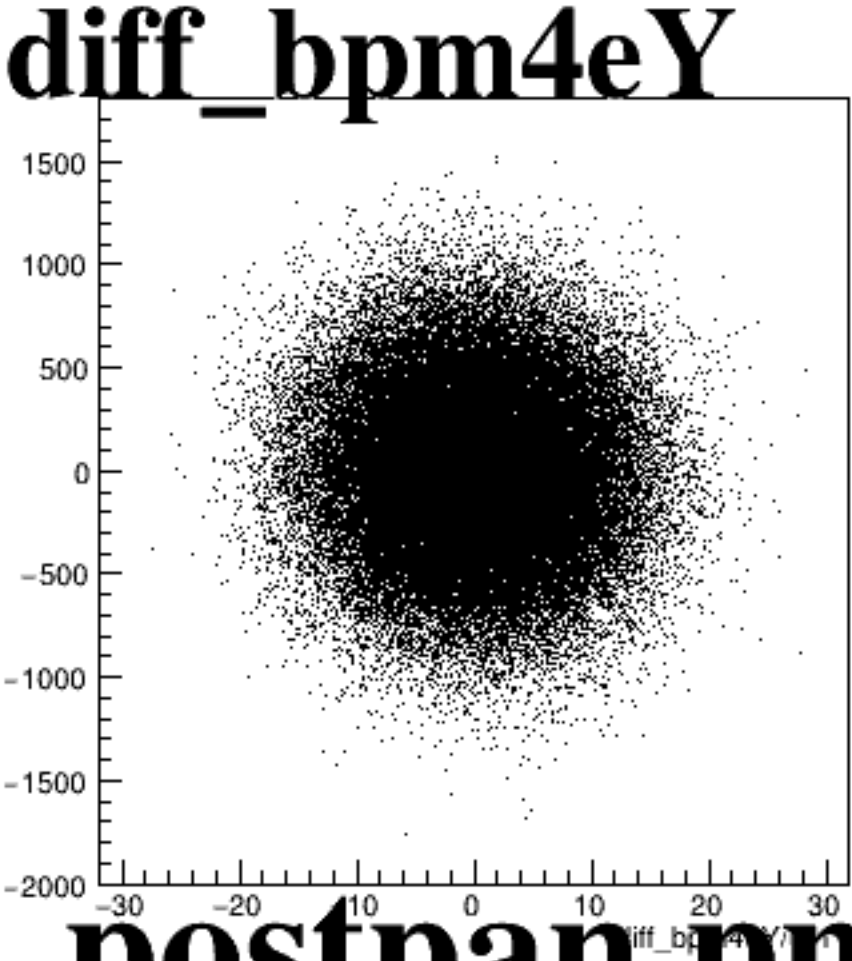
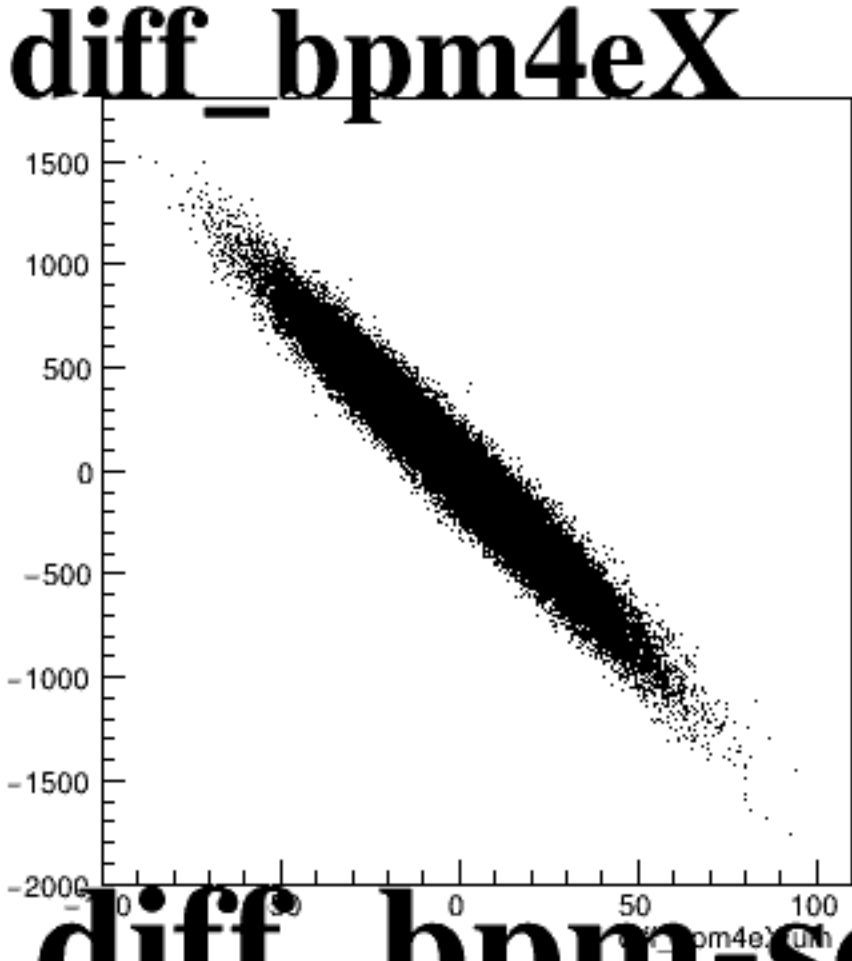
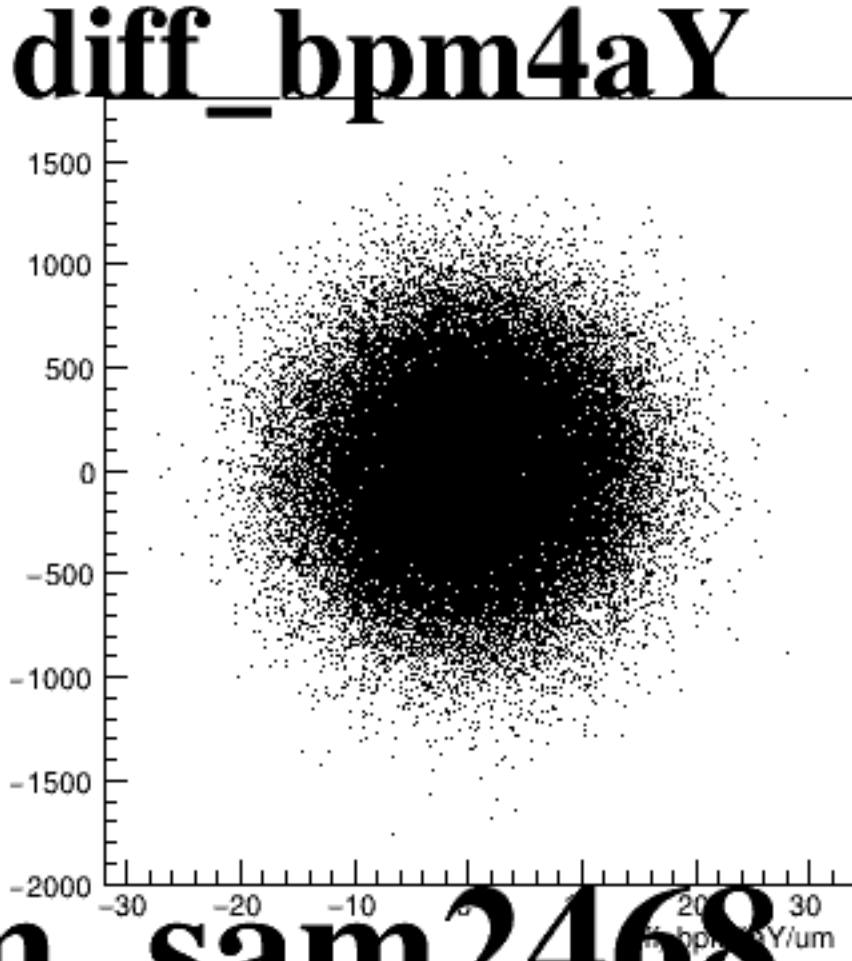
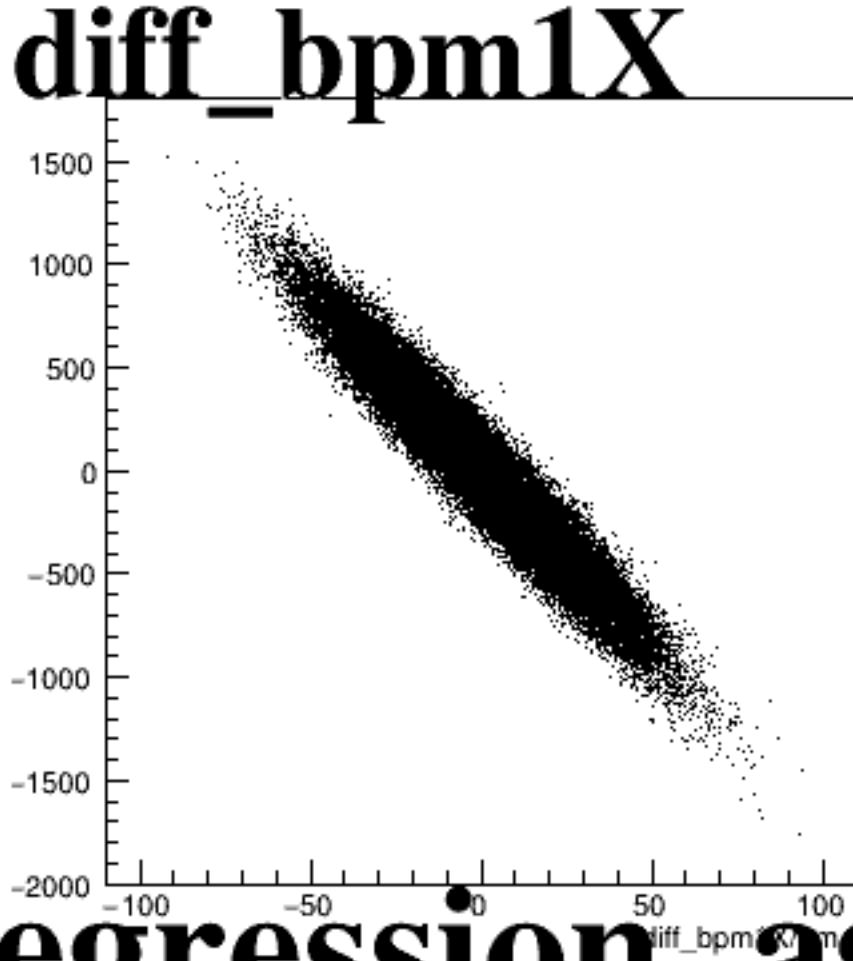
asym_sam4



asym_sam6



asym_sam8

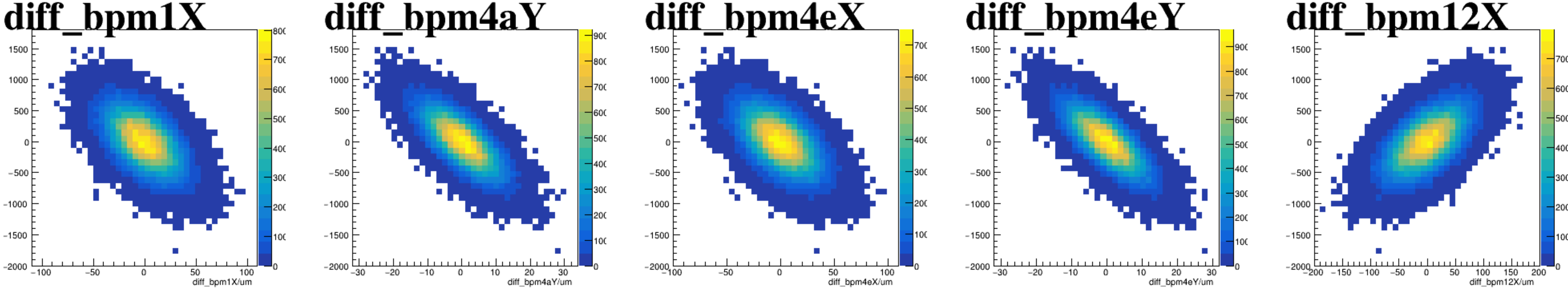


The figure consists of five scatter plots arranged horizontally, each showing the distribution of beam positions for different beam sizes. The plots are titled as follows:

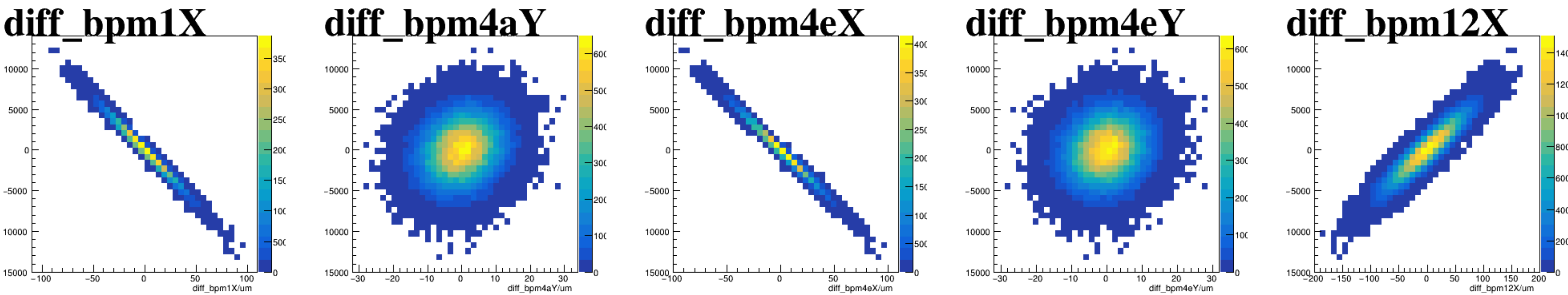
- diff_bpm1X**: The x-axis is labeled `diff_bpm1X/um` and ranges from -100 to 100. The y-axis ranges from -1500 to 2000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -30 to 30. The y-axis ranges from -1500 to 2000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -100 to 100. The y-axis ranges from -1500 to 2000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -30 to 30. The y-axis ranges from -1500 to 2000.
- diff_bpm12X**: The x-axis is labeled `diff_bpm12X/um` and ranges from -200 to 200. The y-axis ranges from -1500 to 2000.

Each plot displays a dense cloud of points centered around the origin (0,0), representing the distribution of beam positions for the specified beam size. The points are most concentrated in the center and become sparser as they move away from the origin.

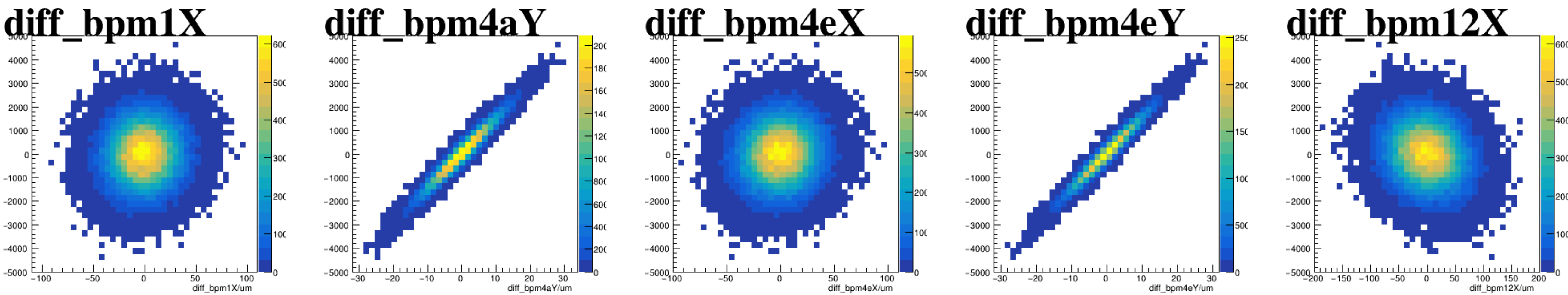
asym_sam1



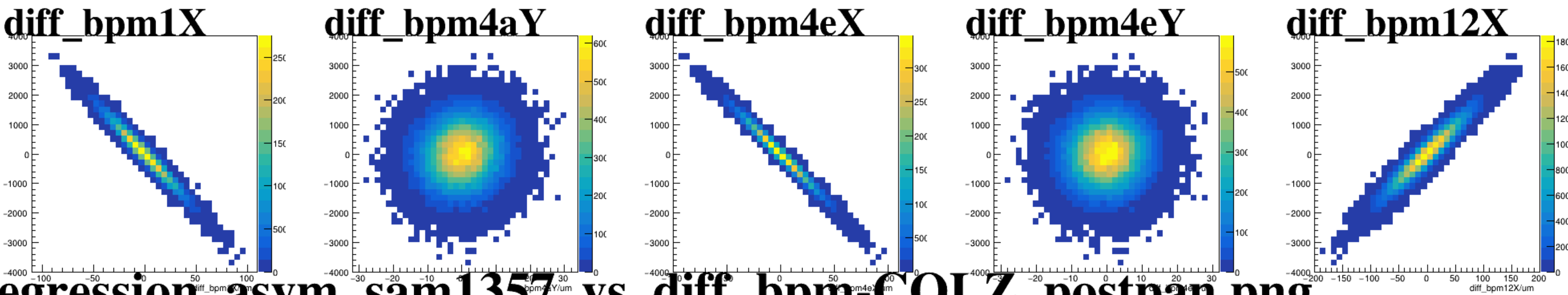
asym_sam3



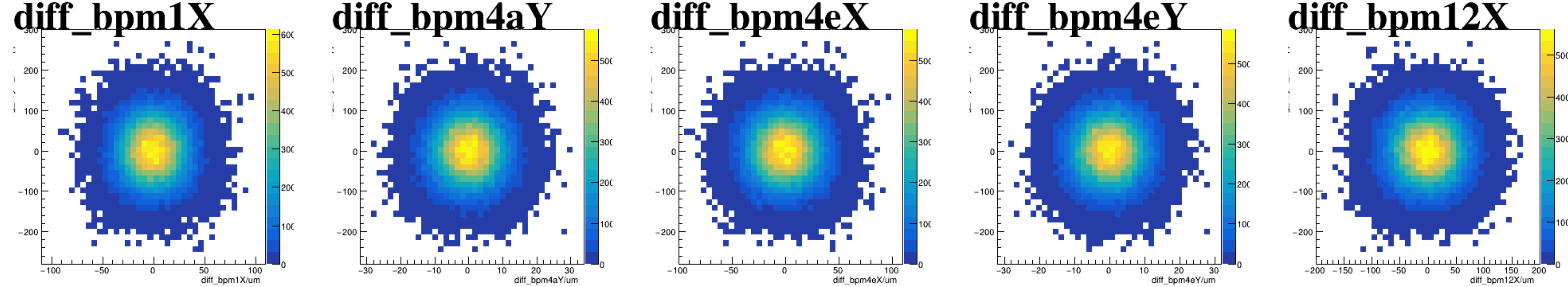
asym_sam5



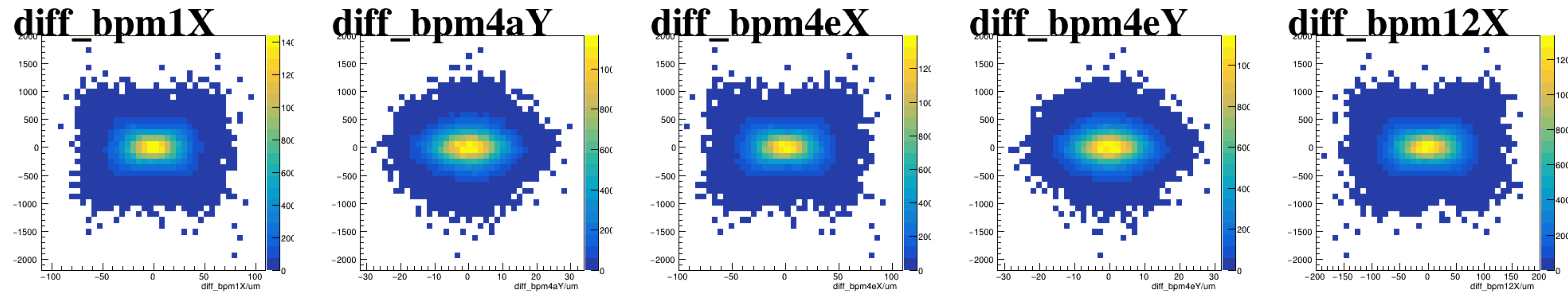
asym_sam7



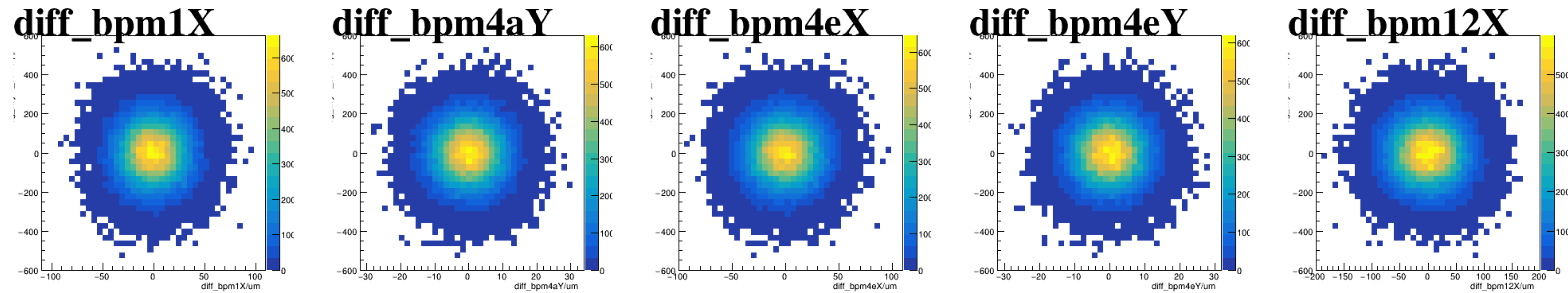
reg_asym_sam1



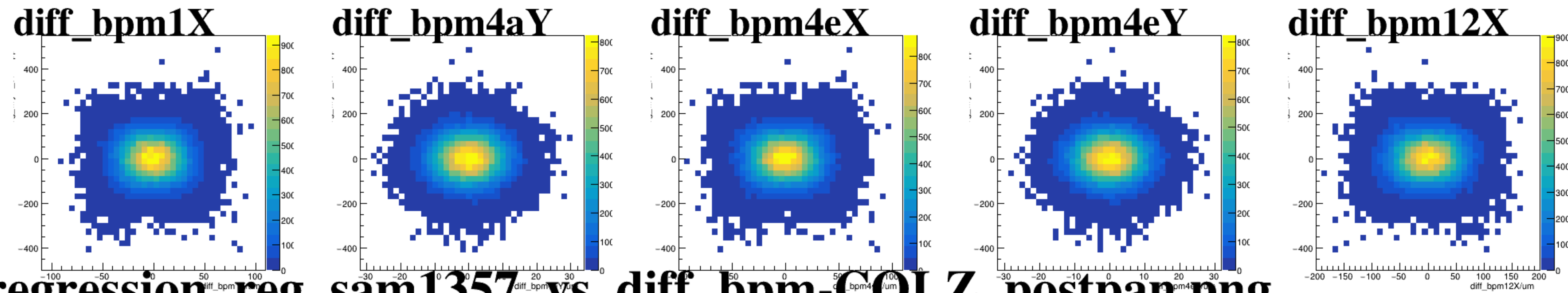
reg_asym_sam3



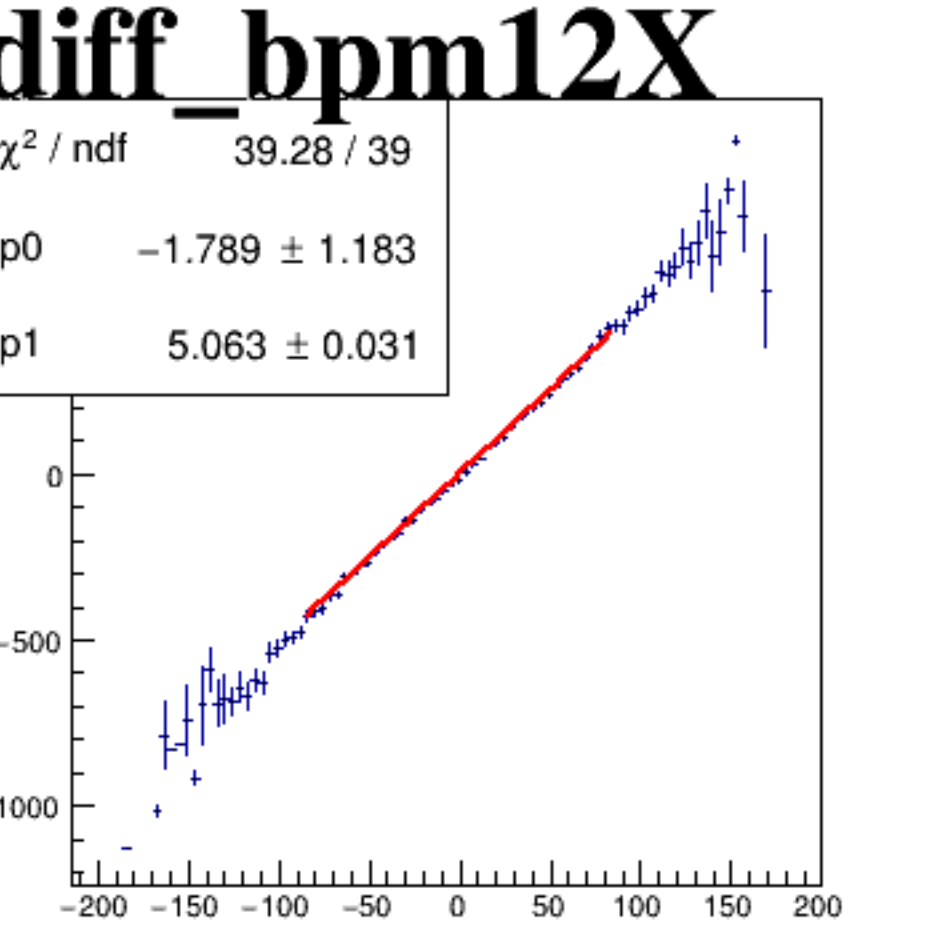
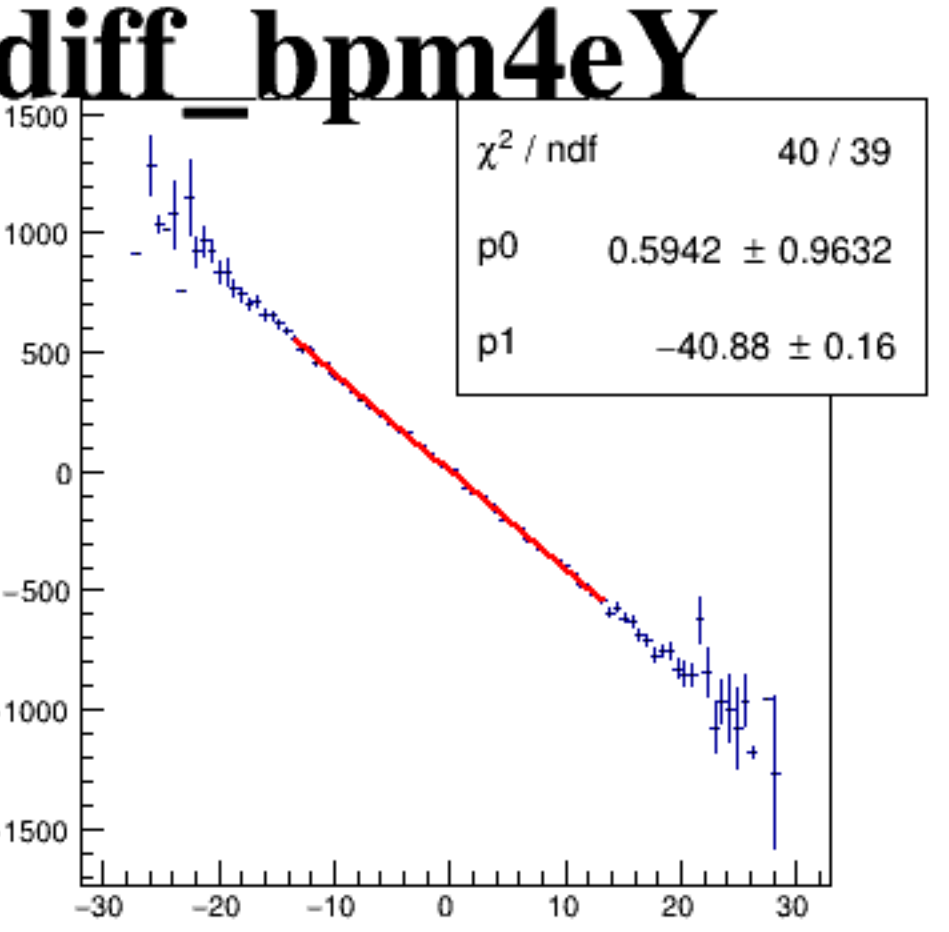
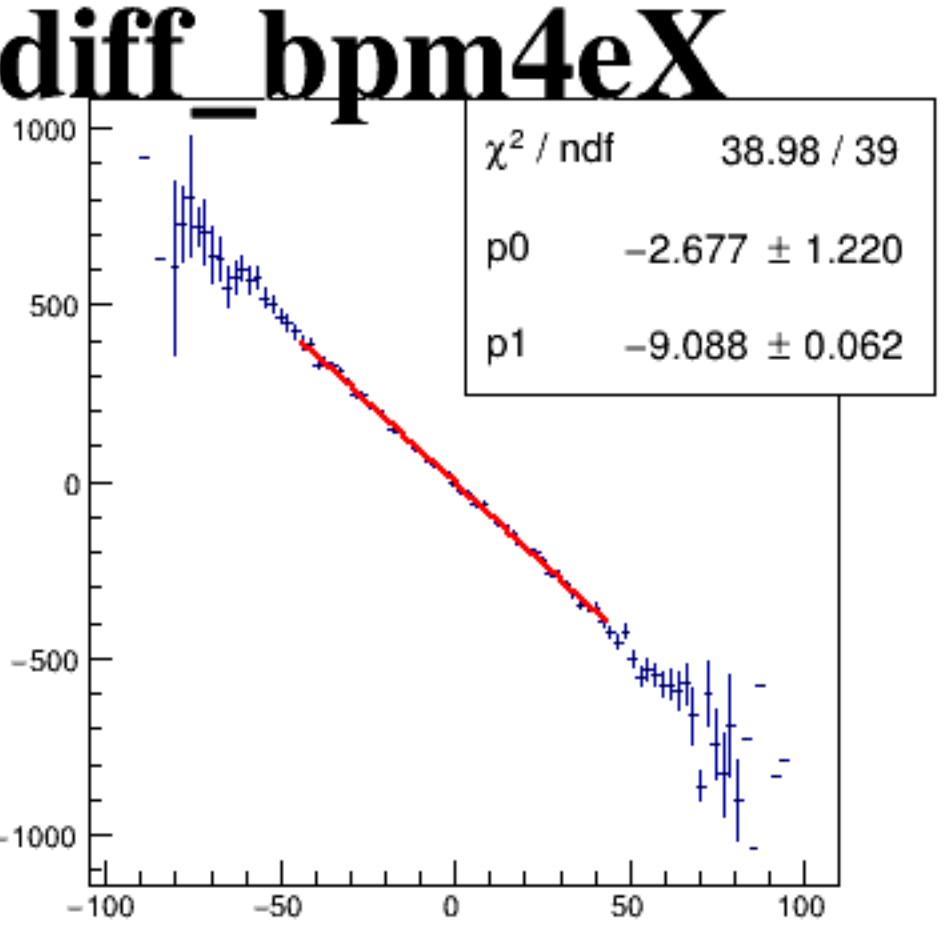
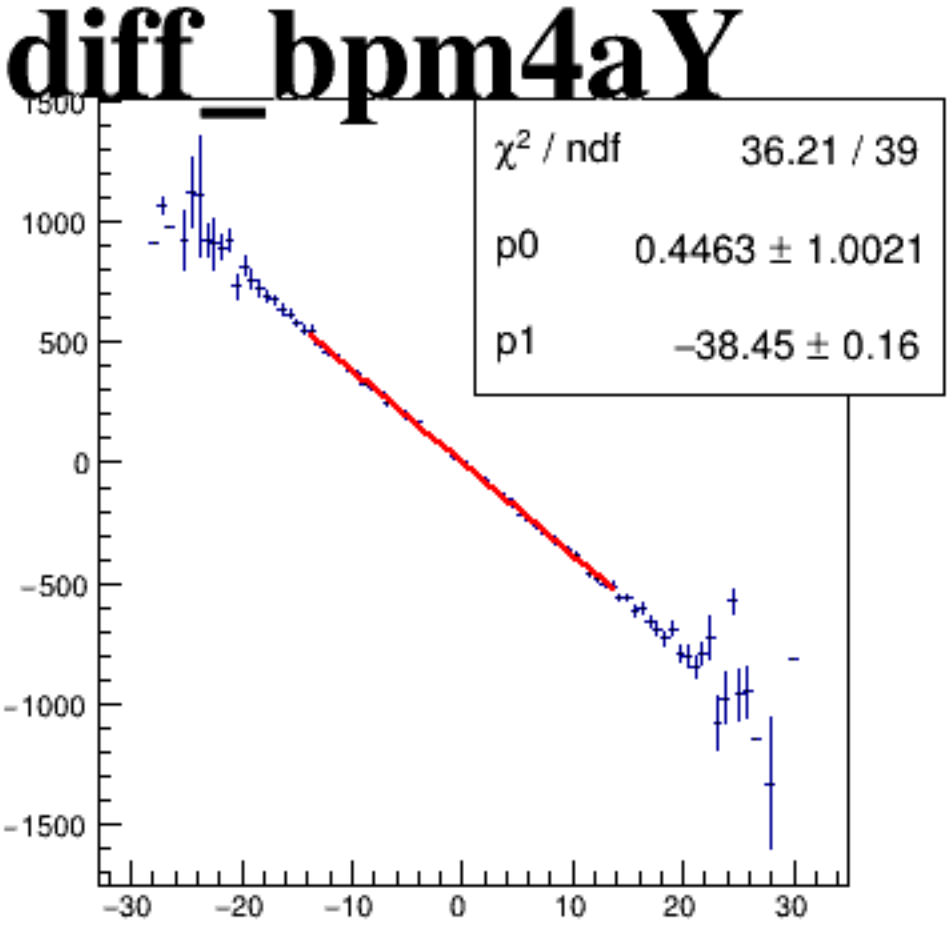
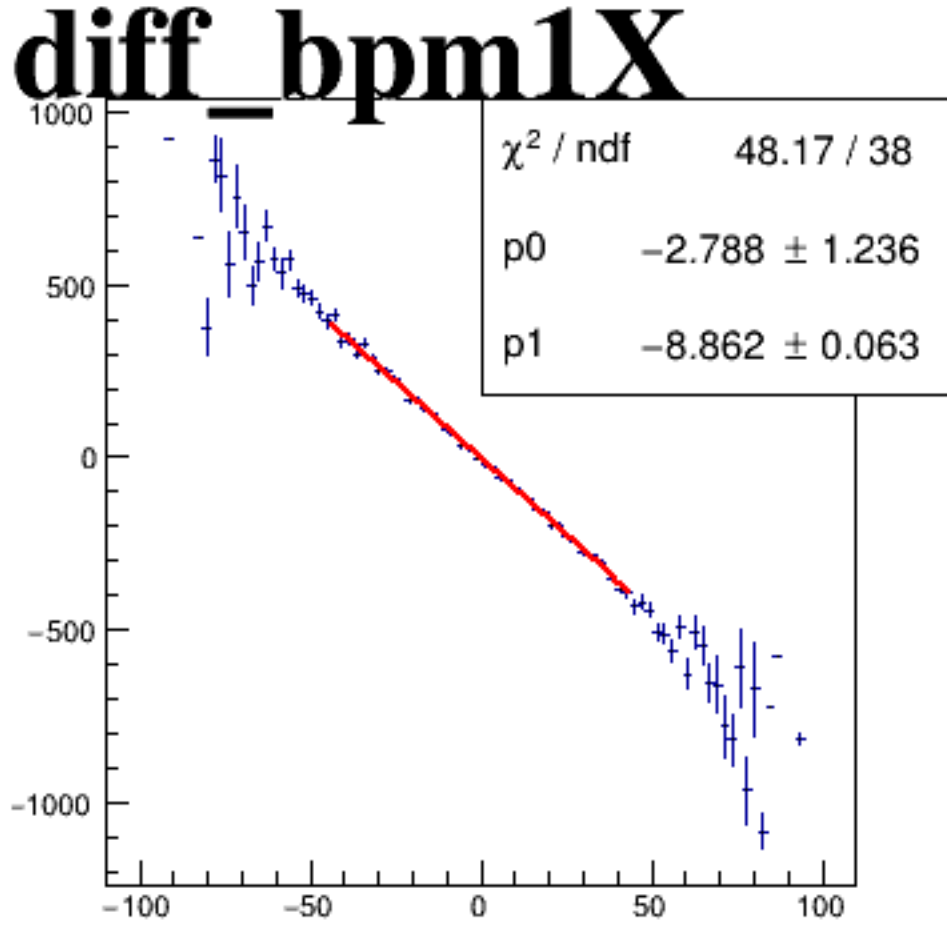
reg_asym_sam5



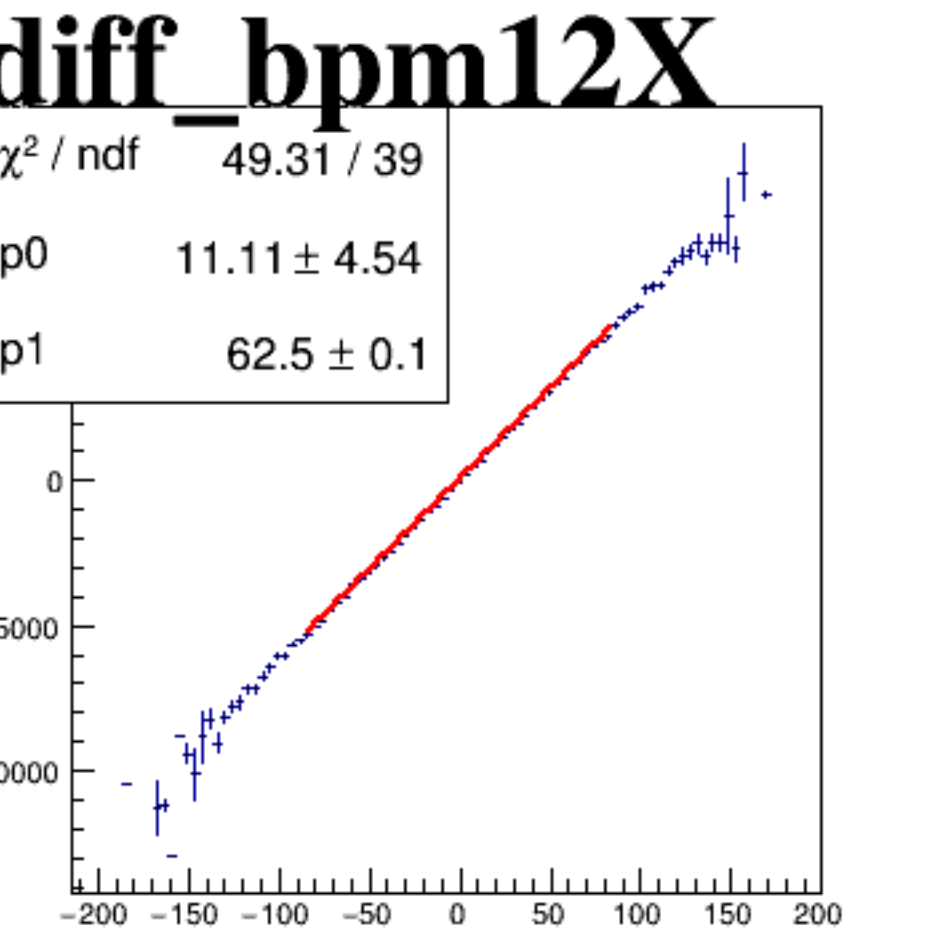
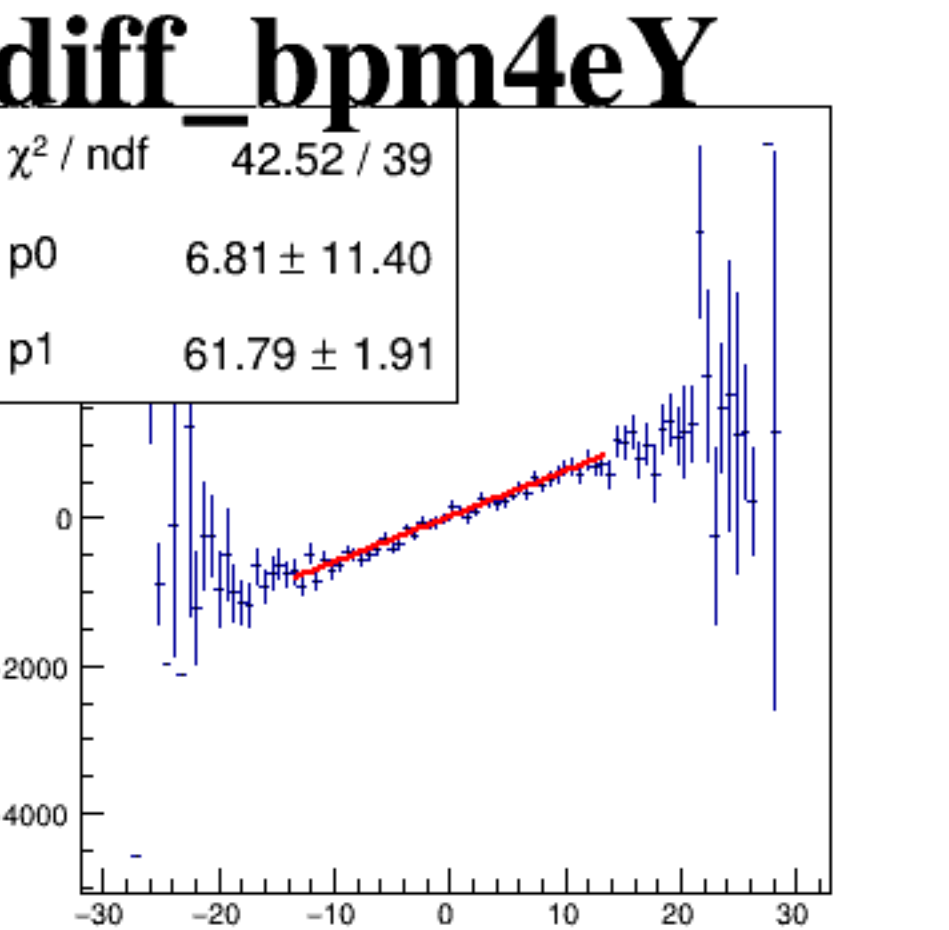
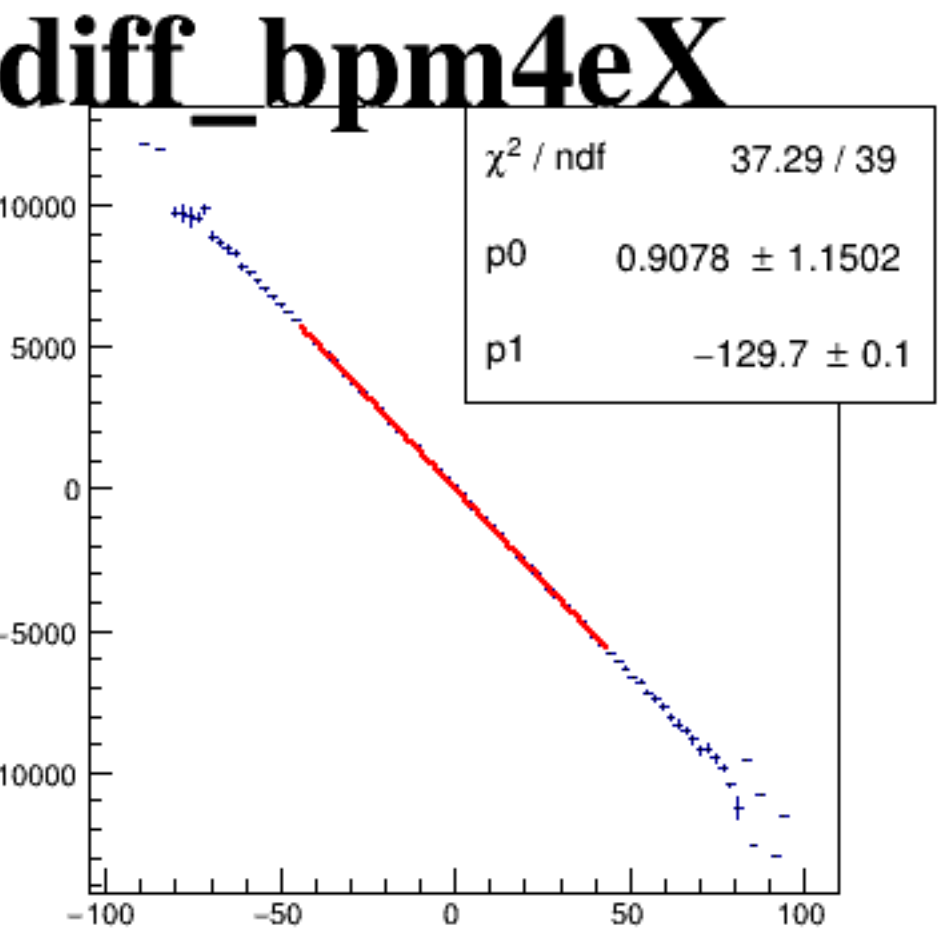
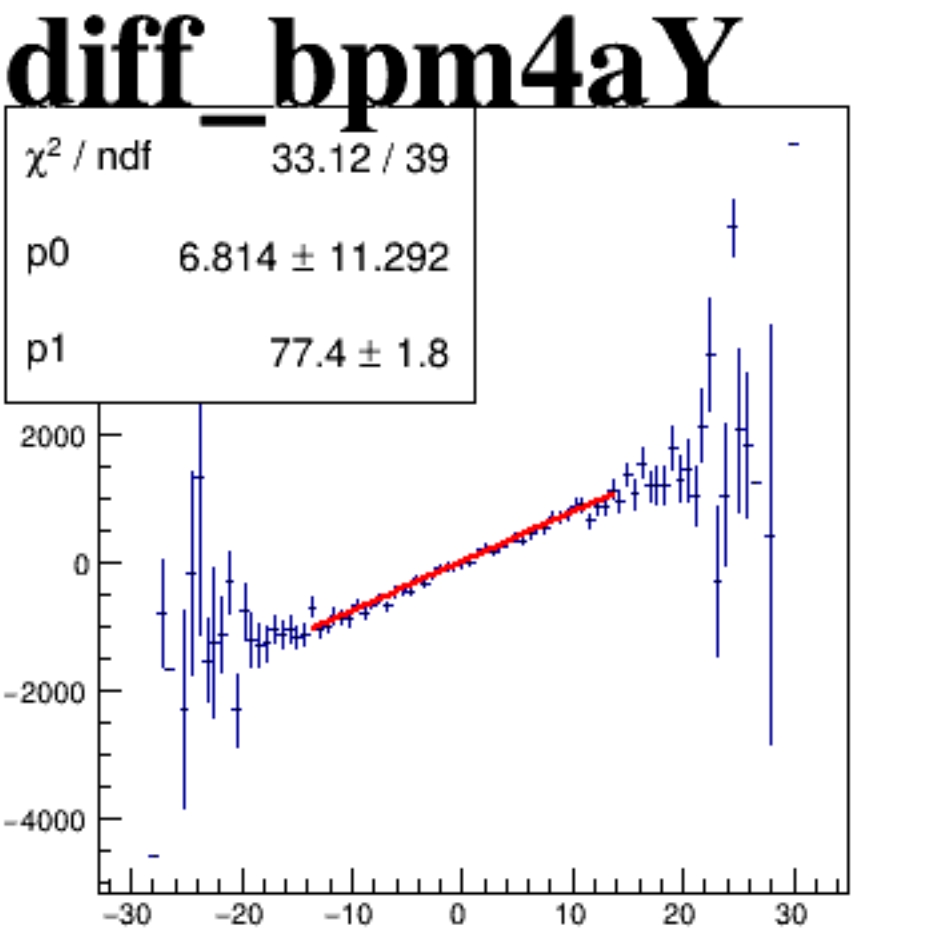
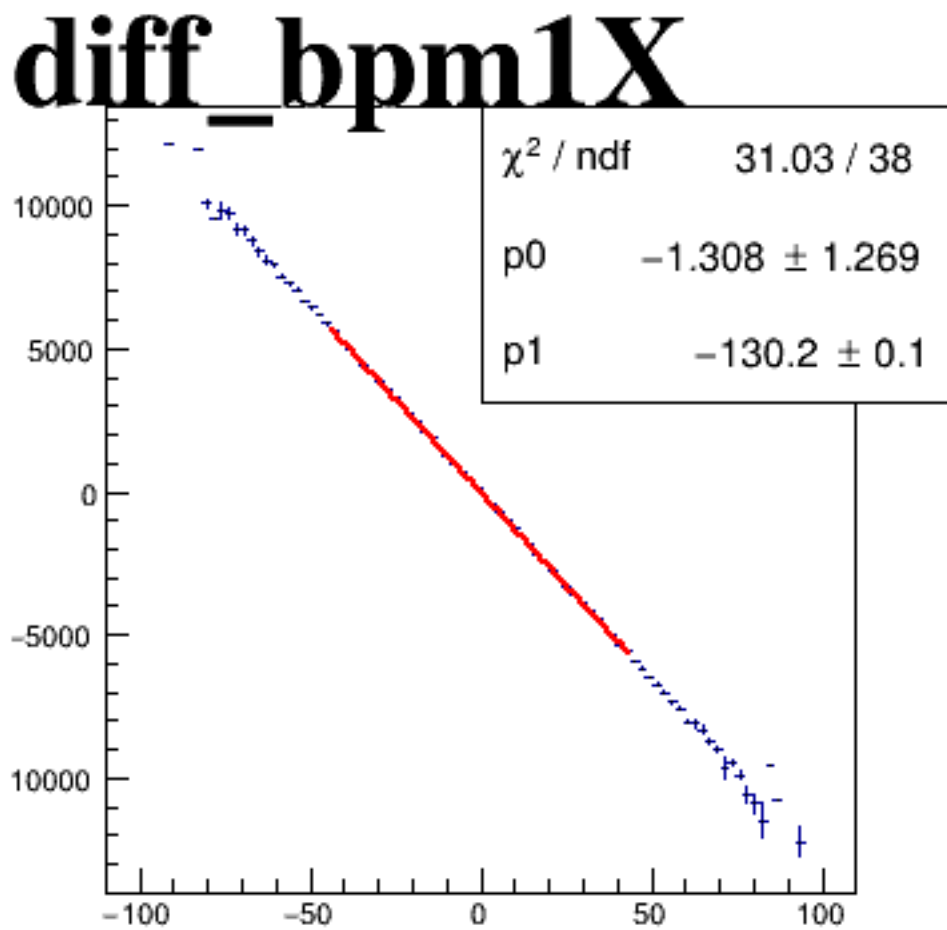
reg_asym_sam7



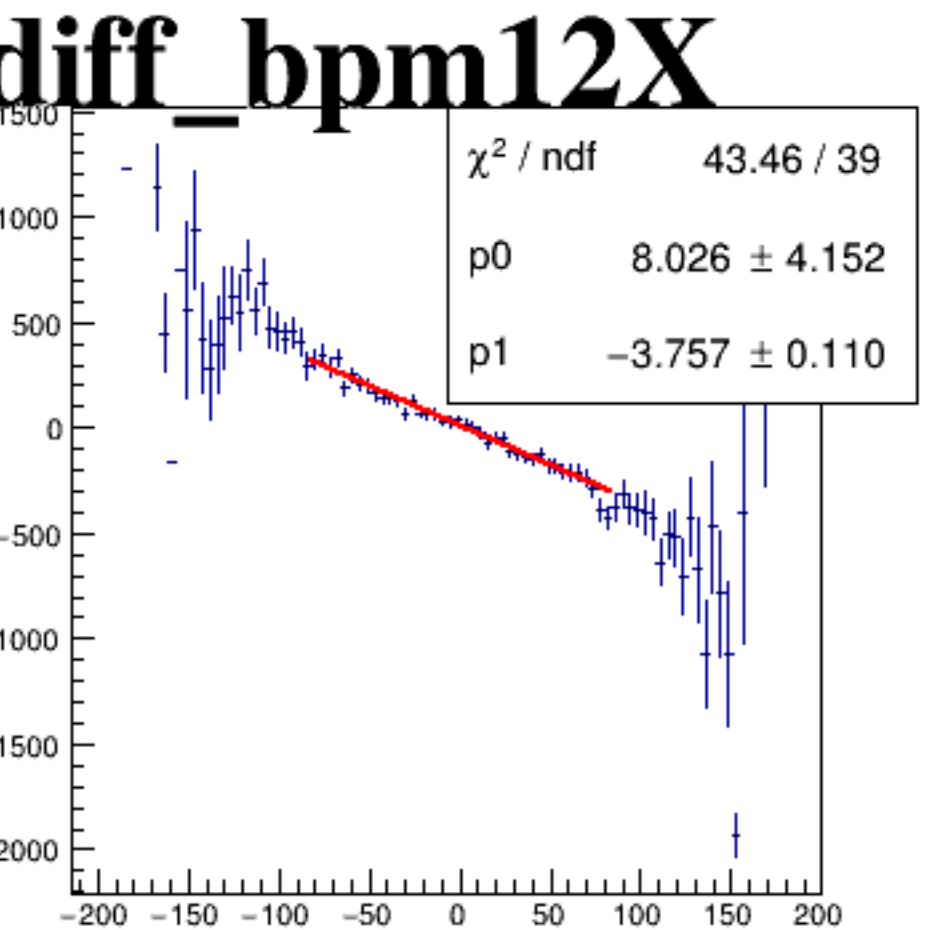
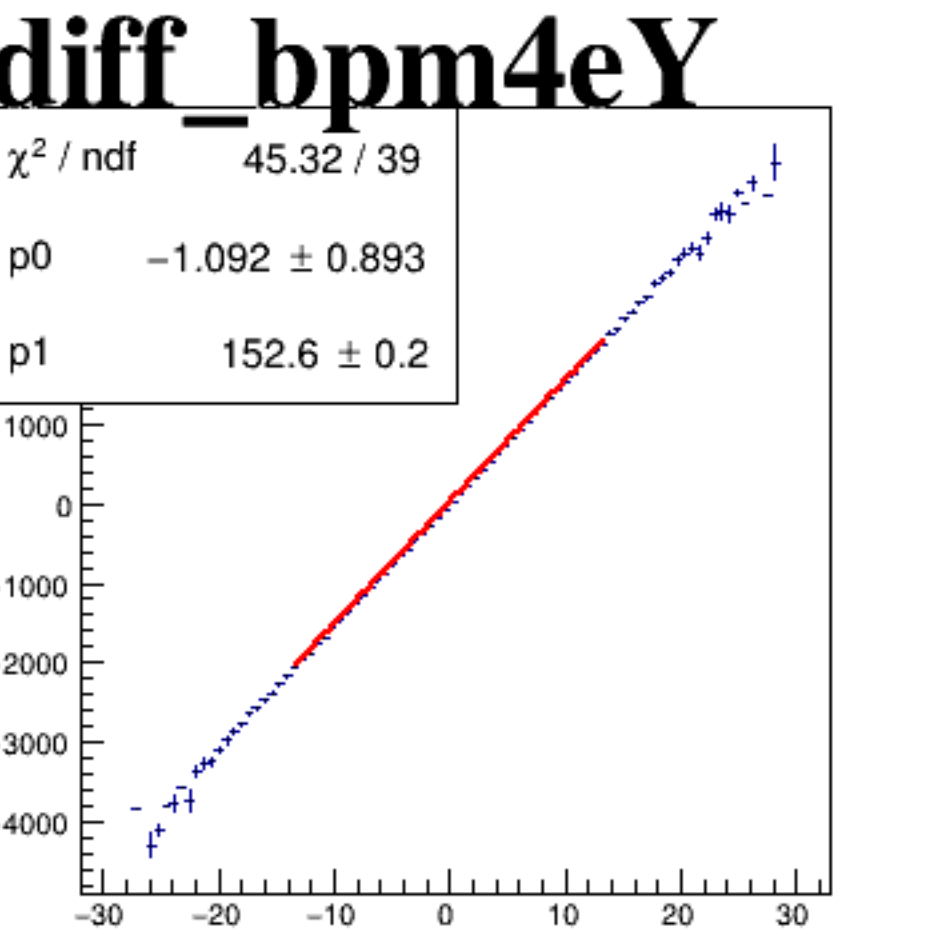
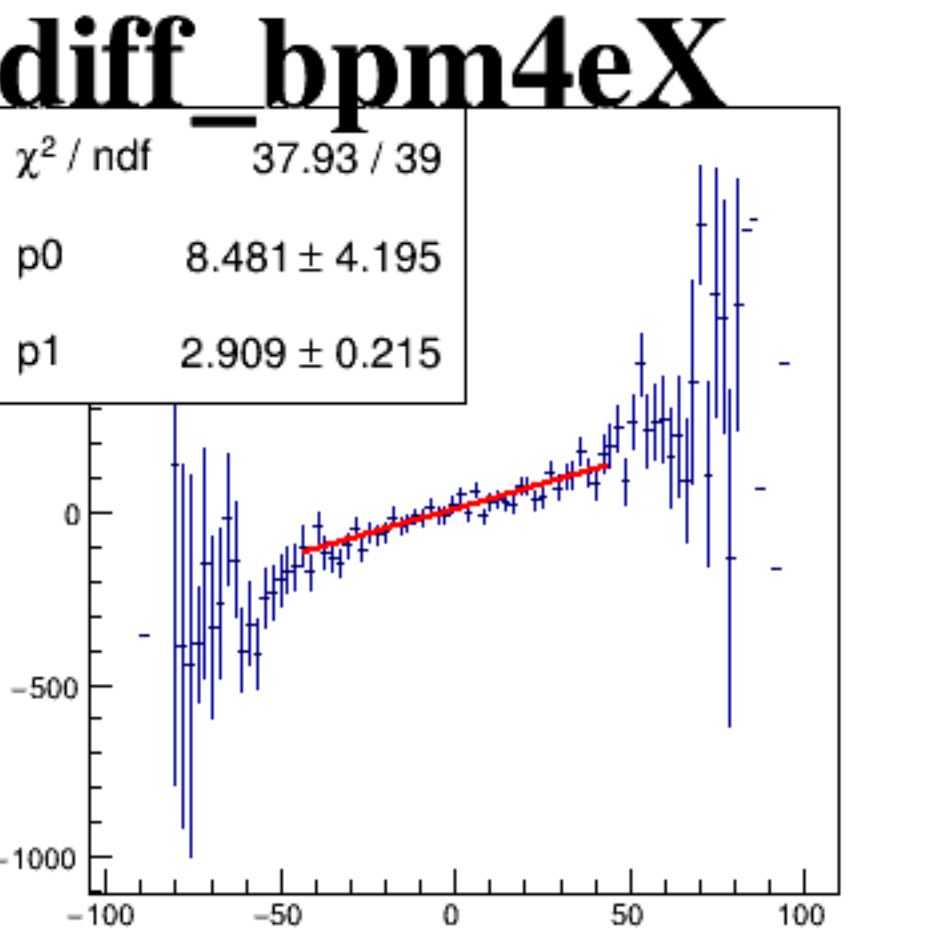
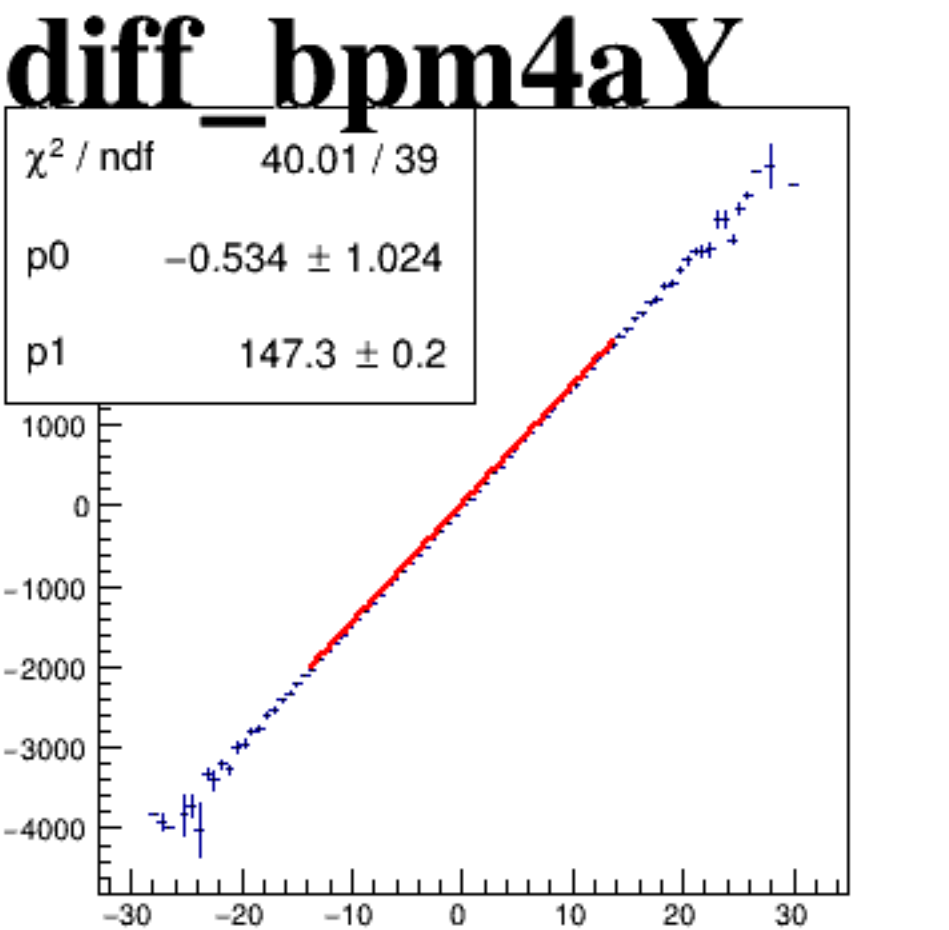
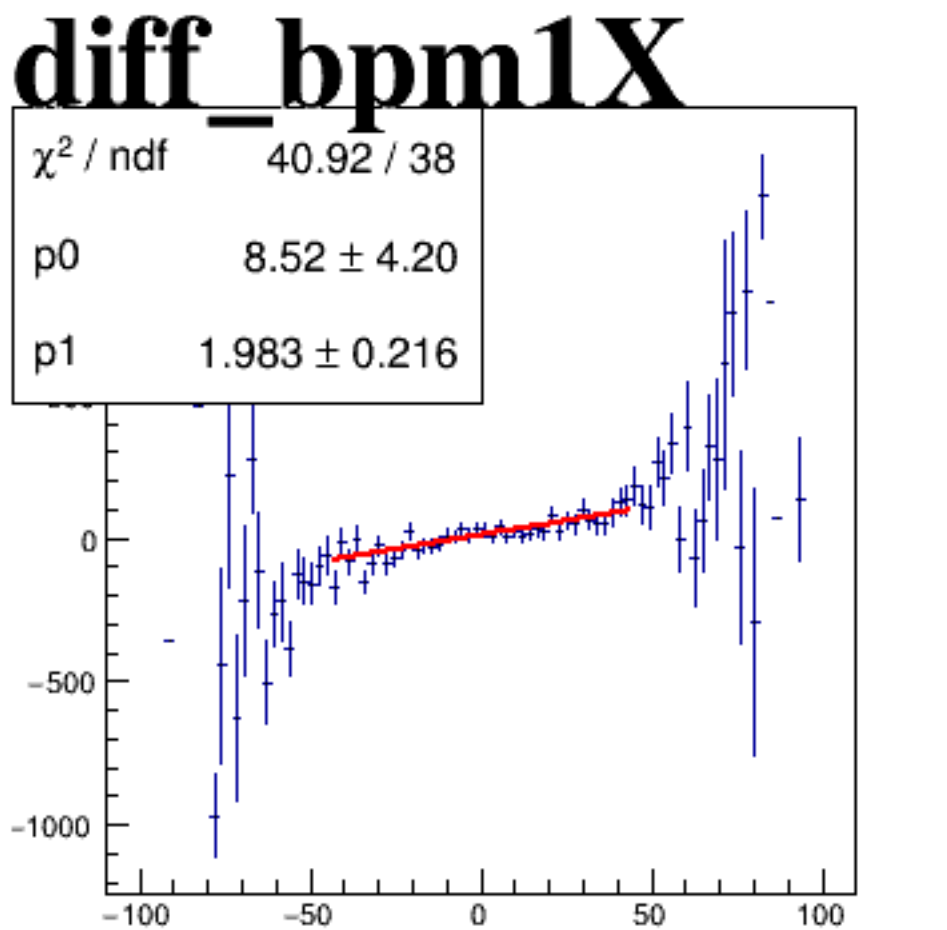
asym_sam1



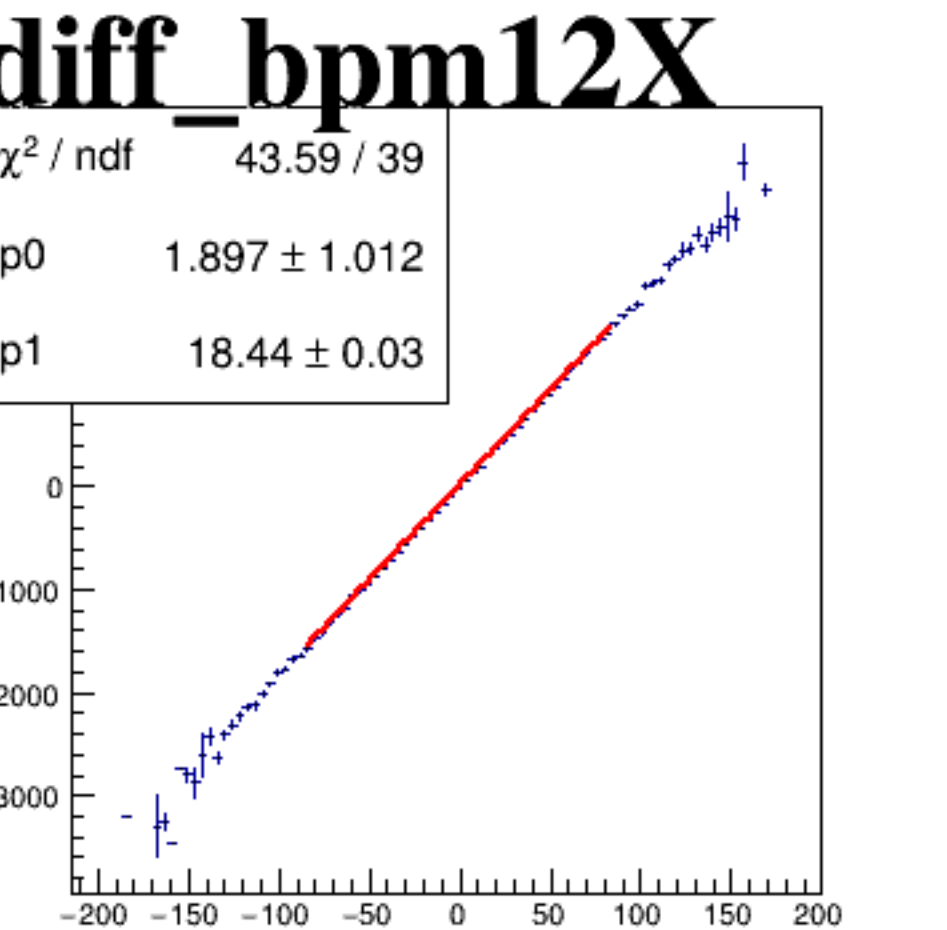
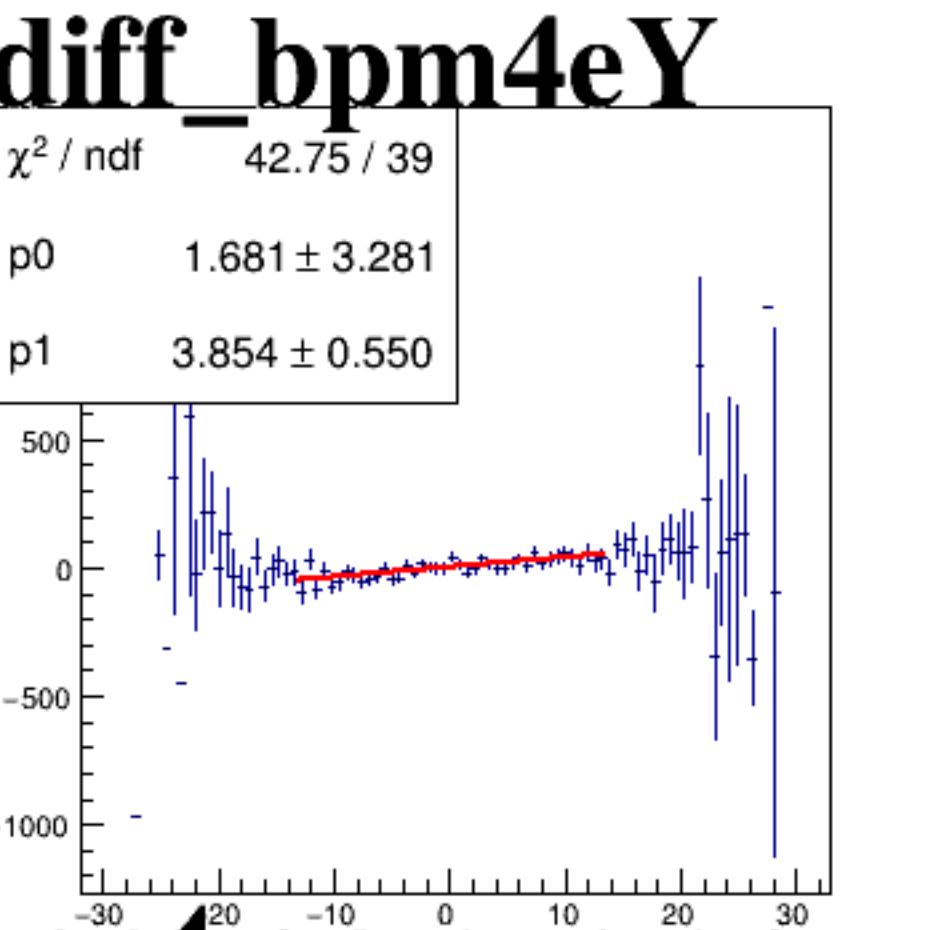
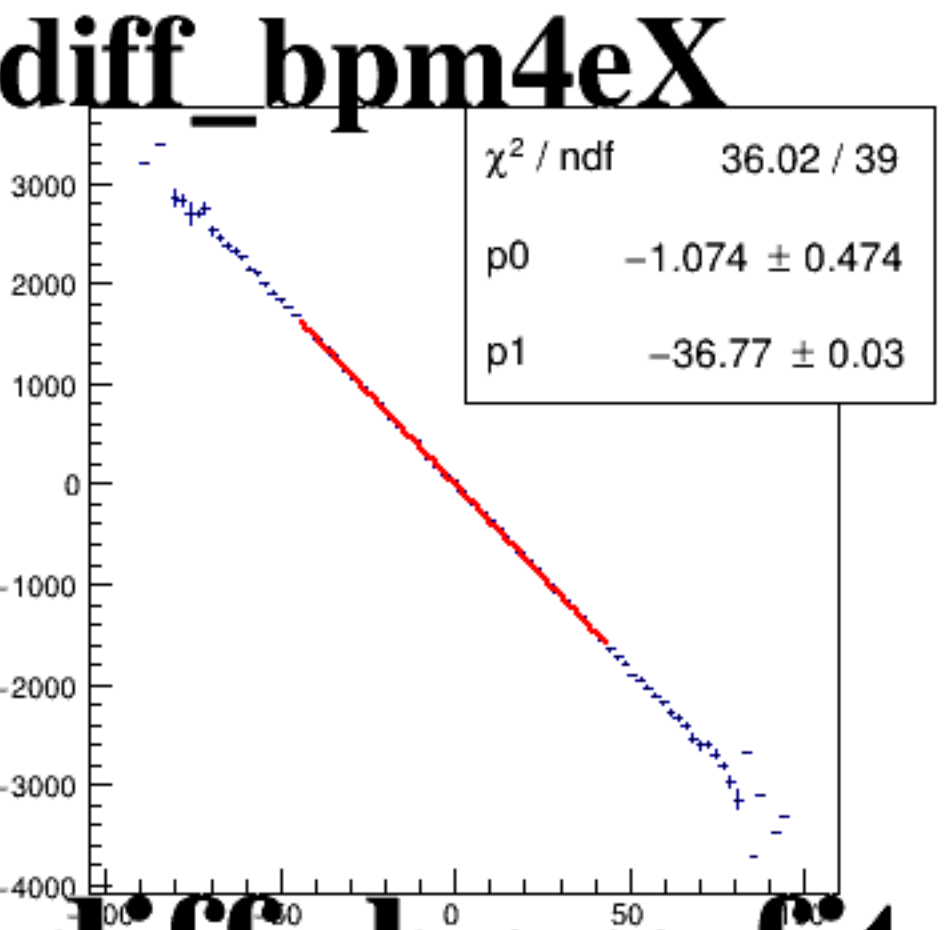
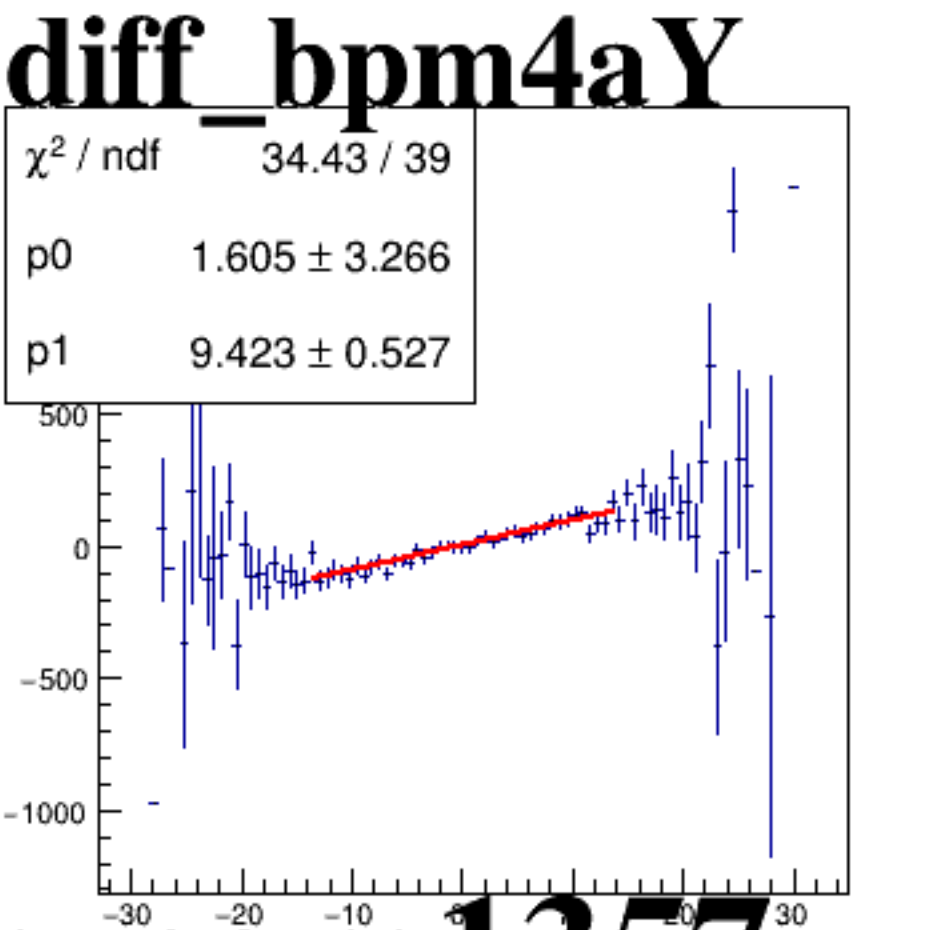
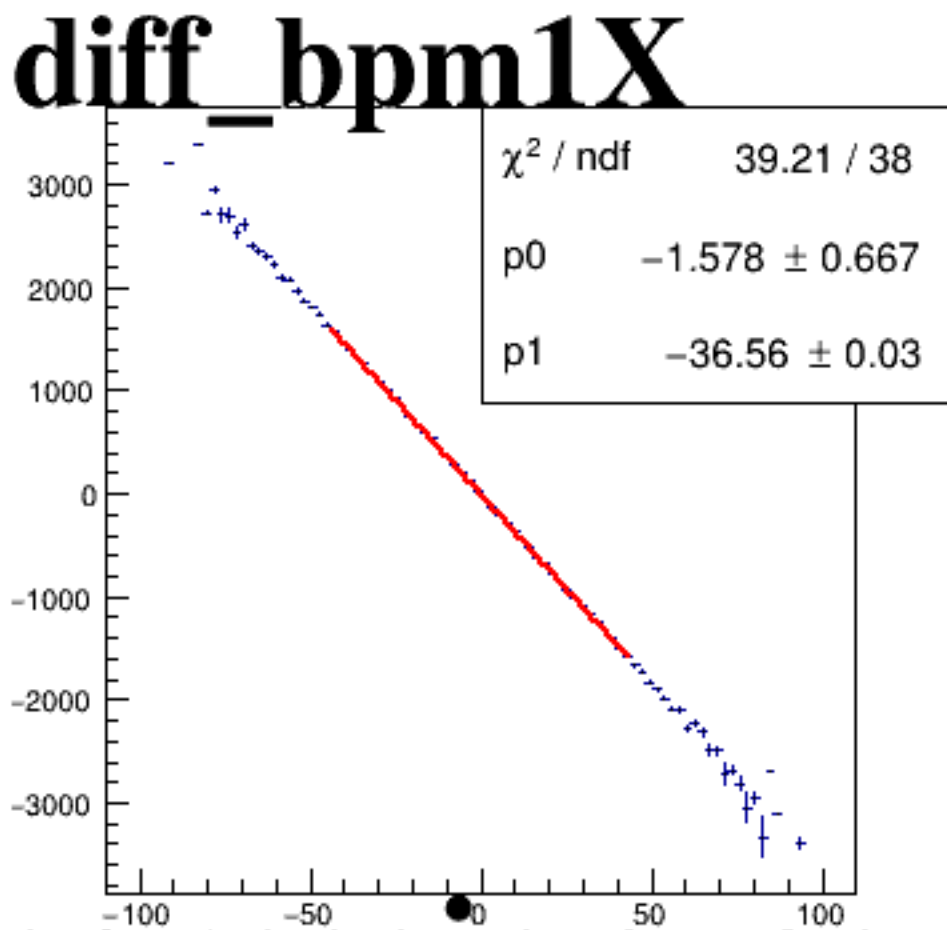
asym_sam3



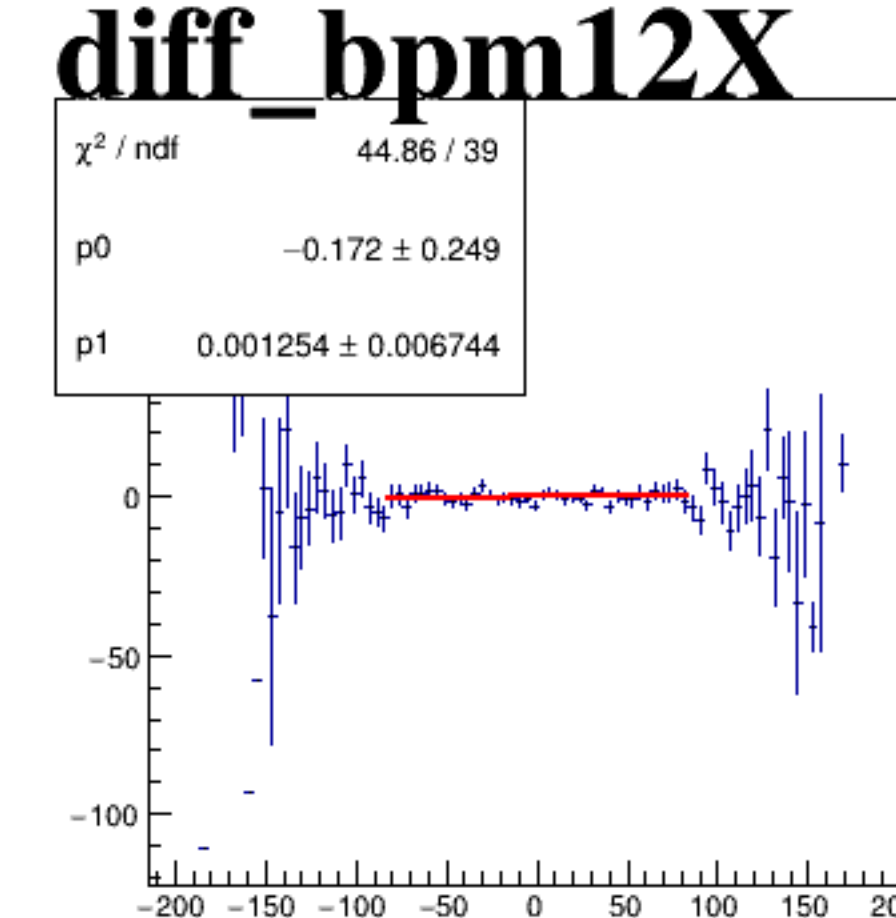
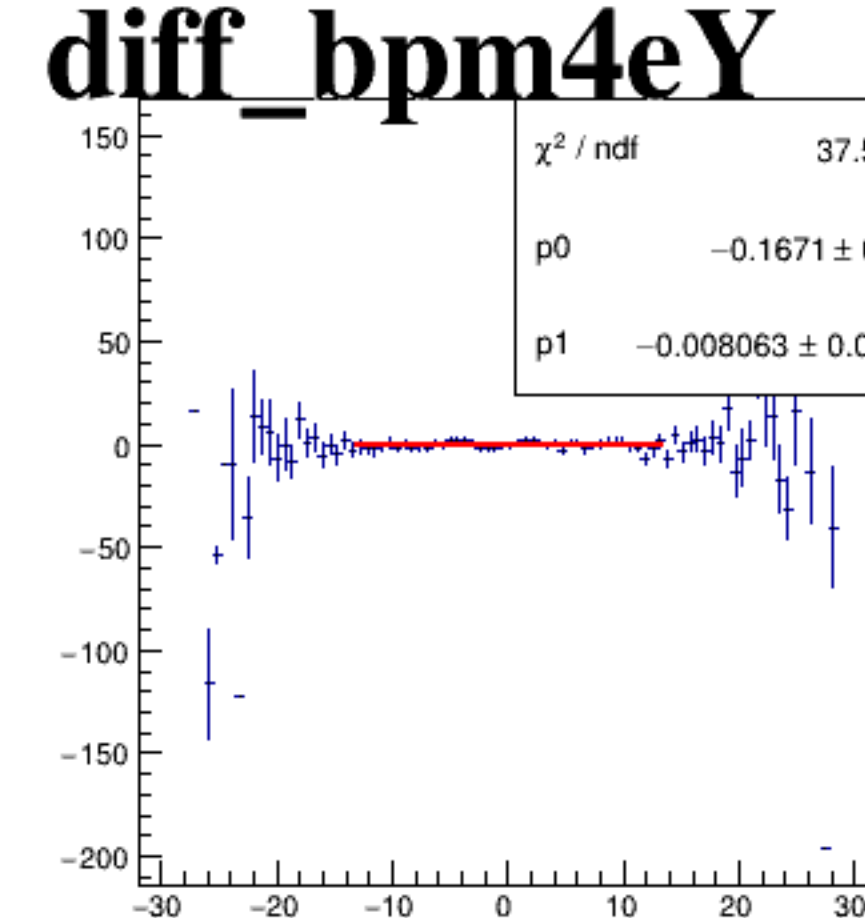
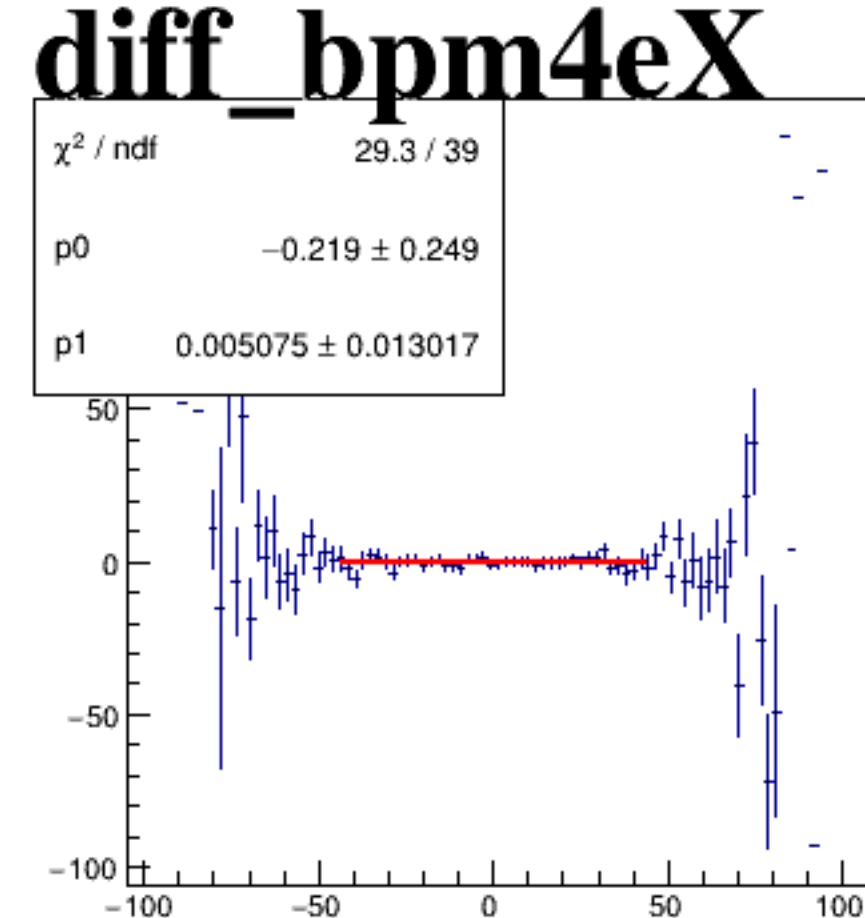
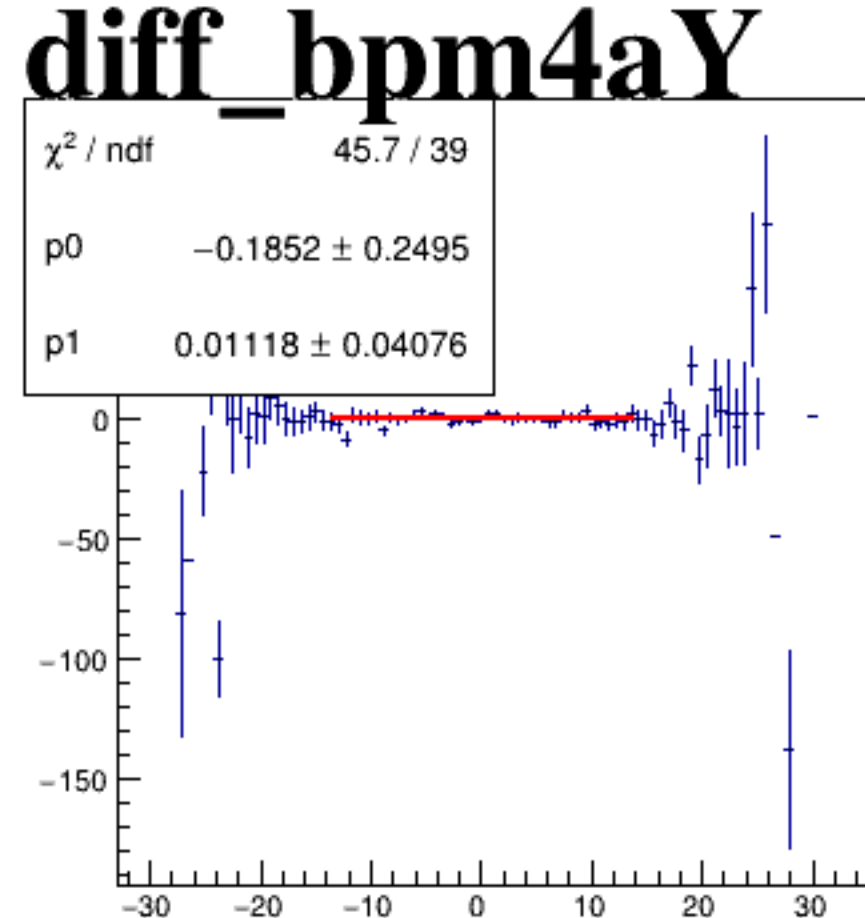
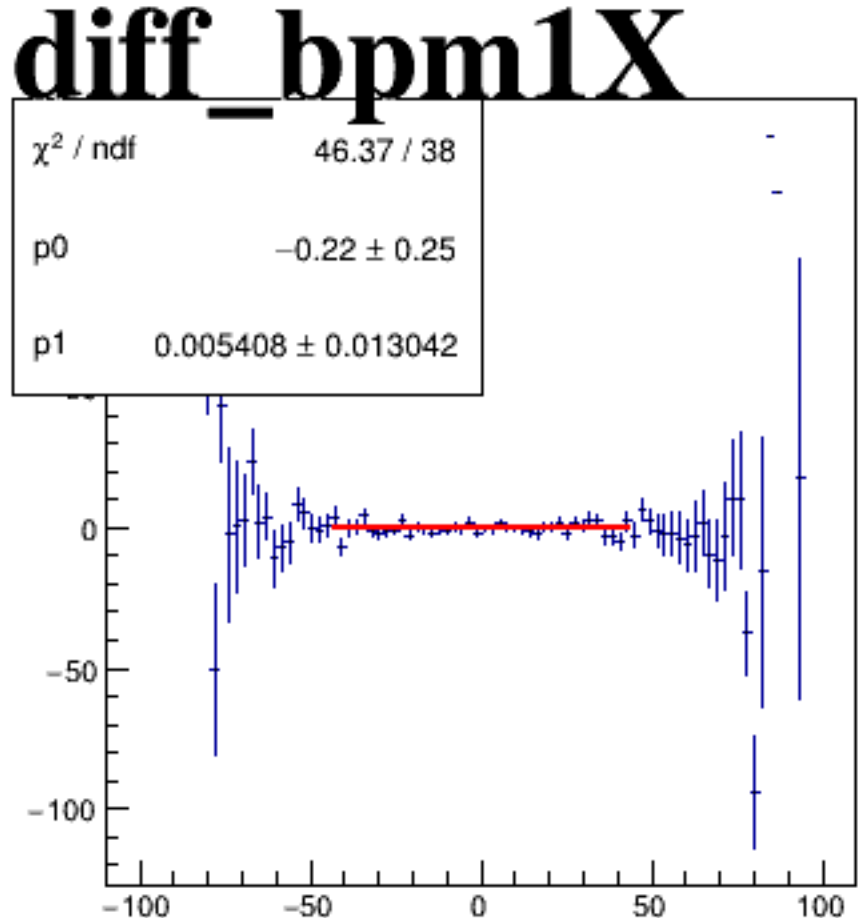
asym_sam5



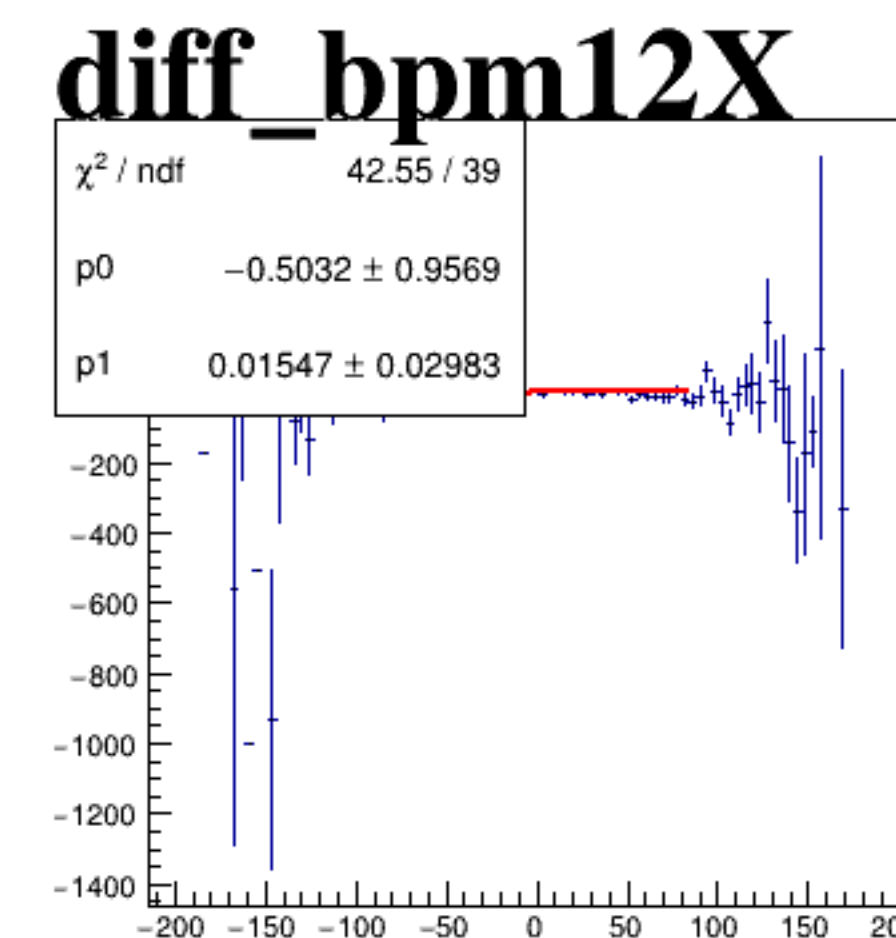
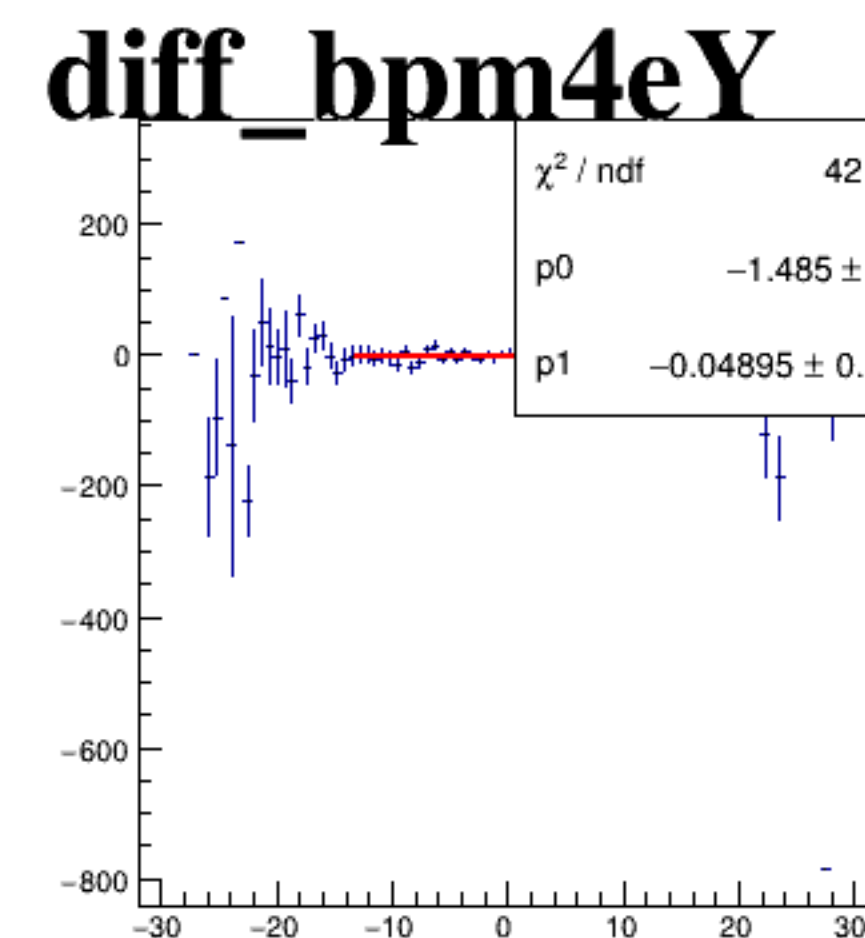
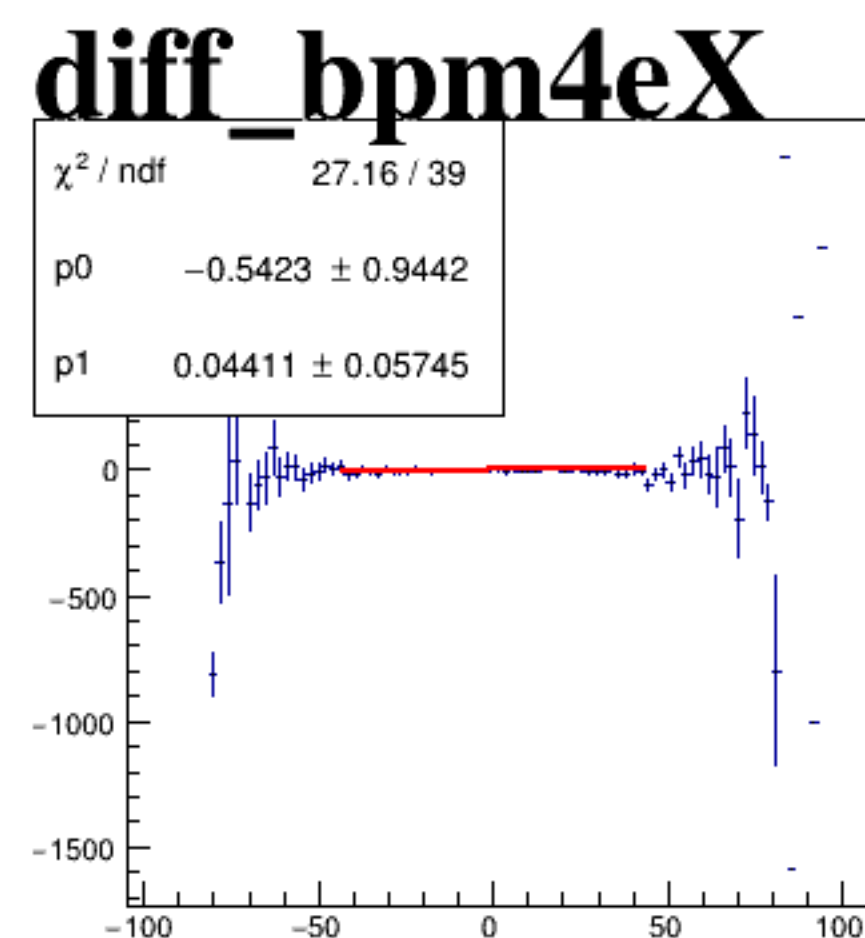
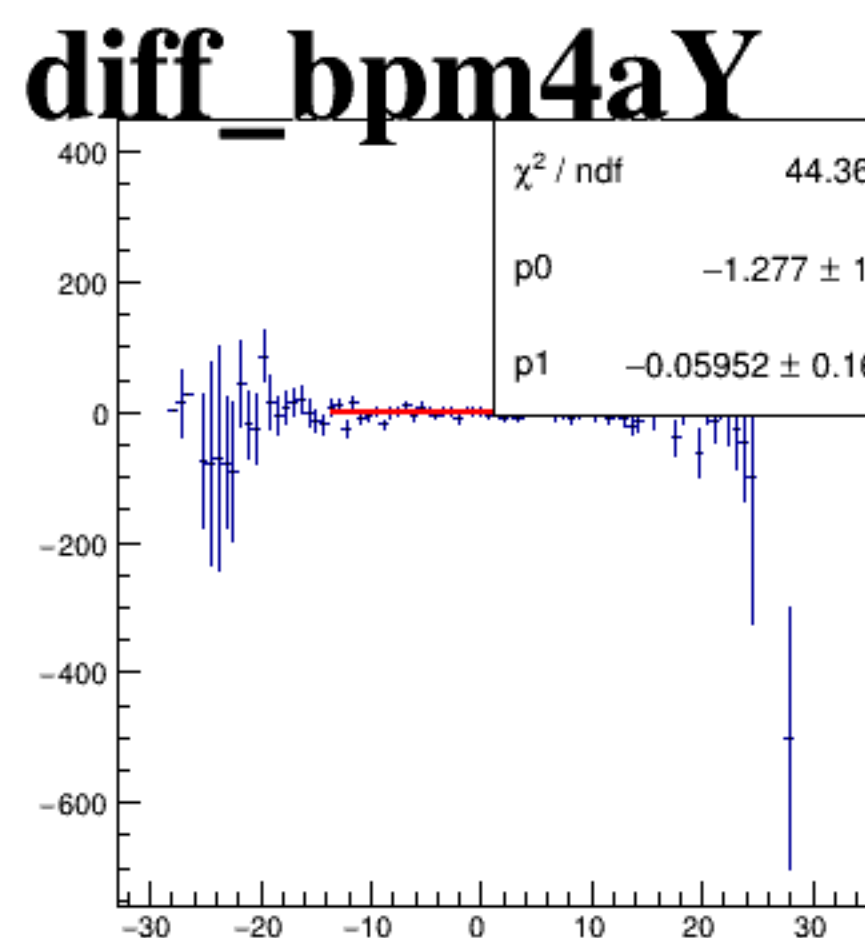
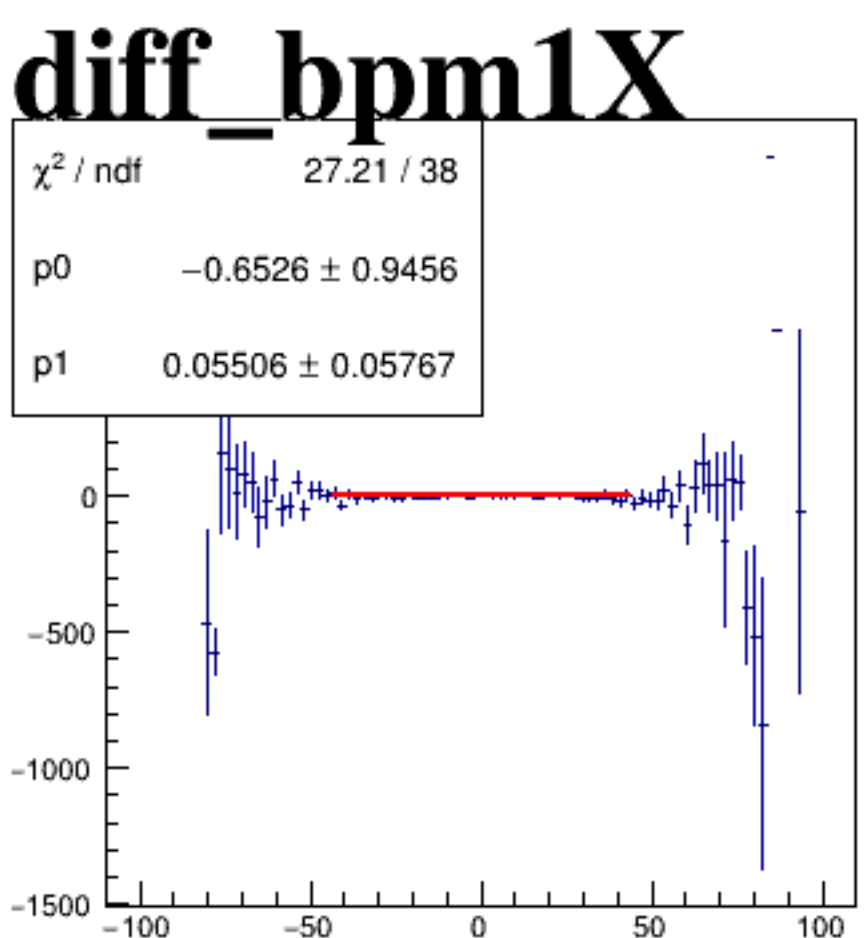
asym_sam7



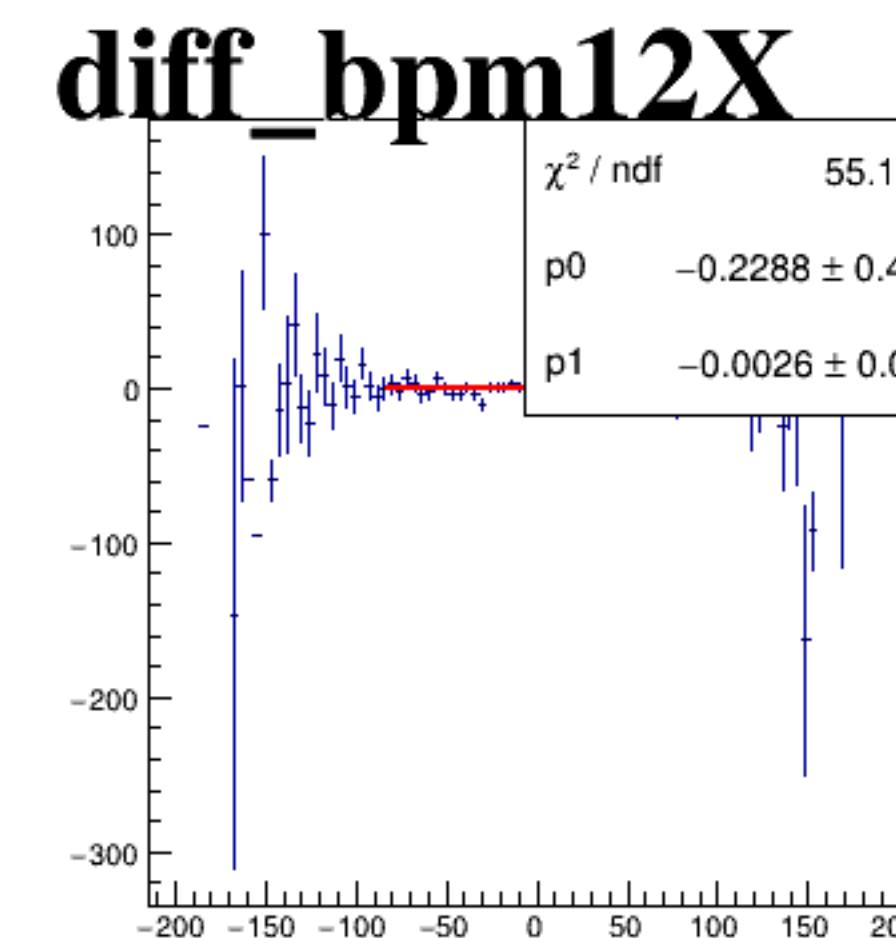
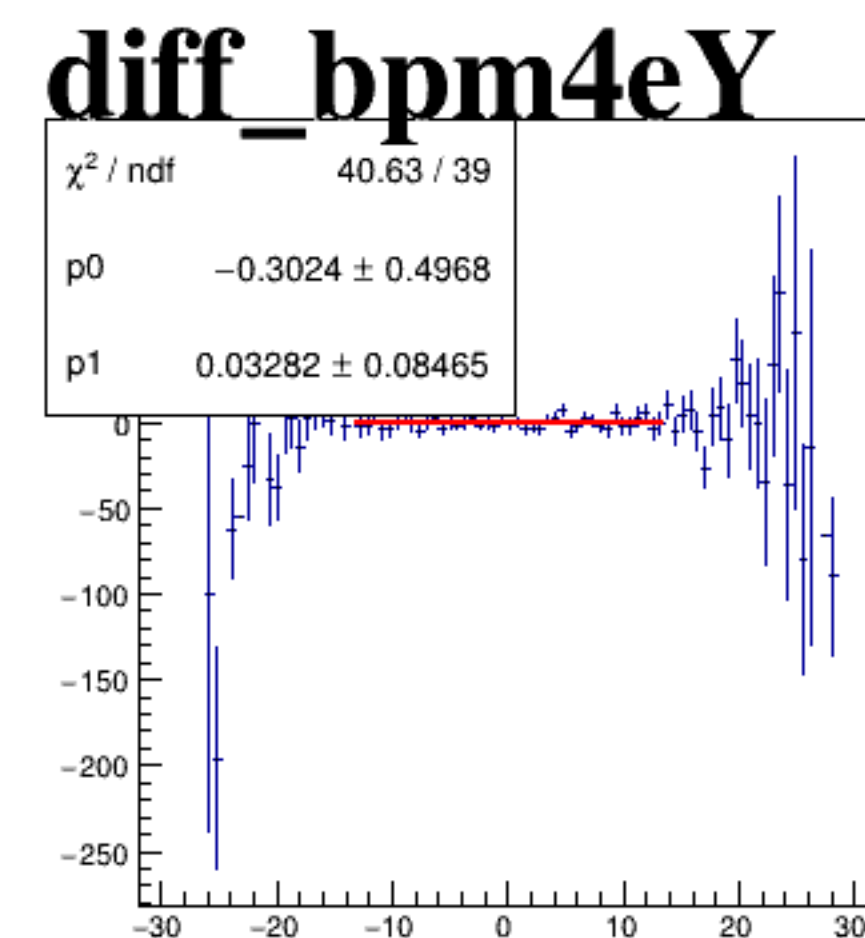
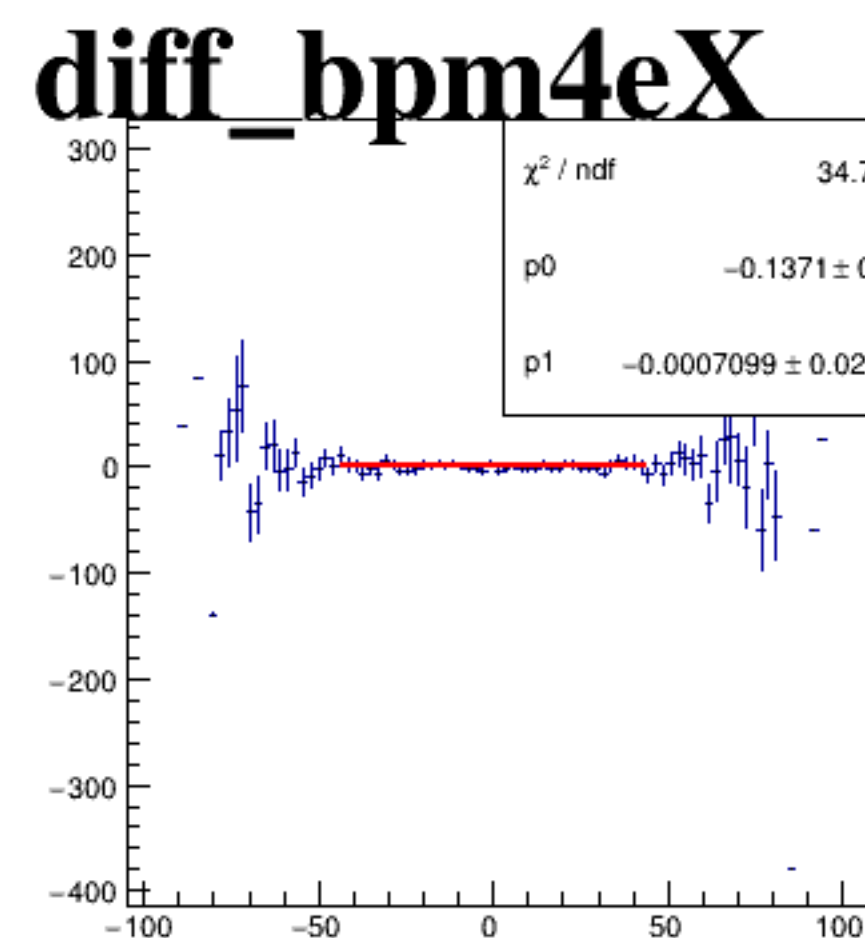
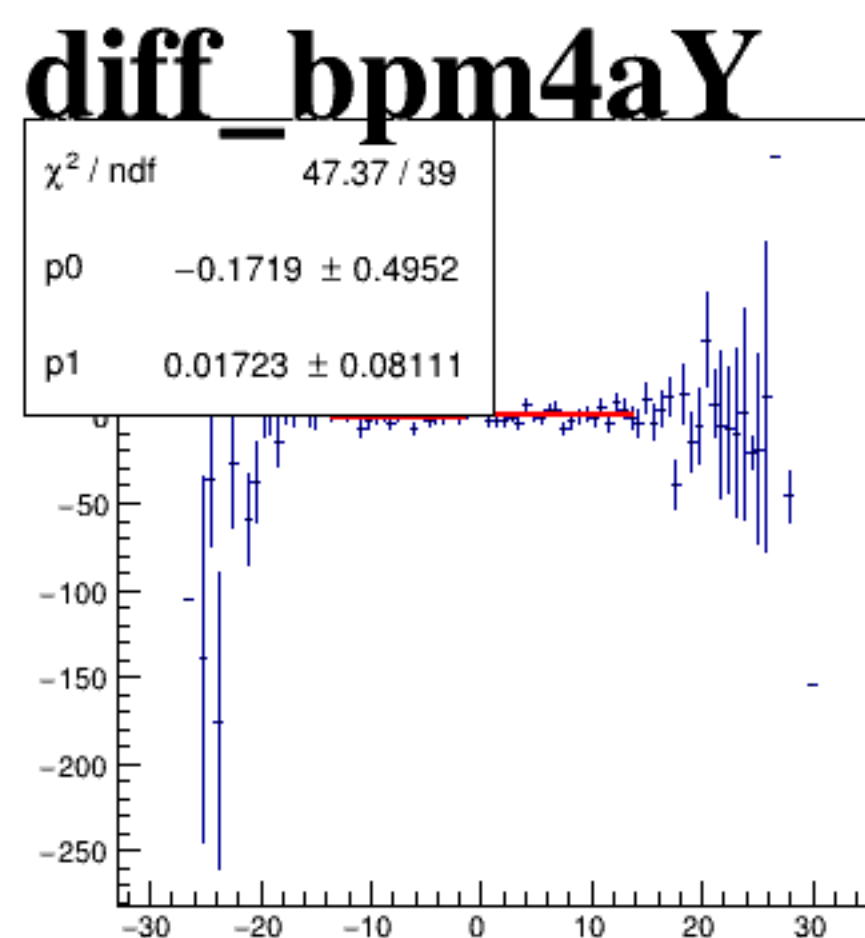
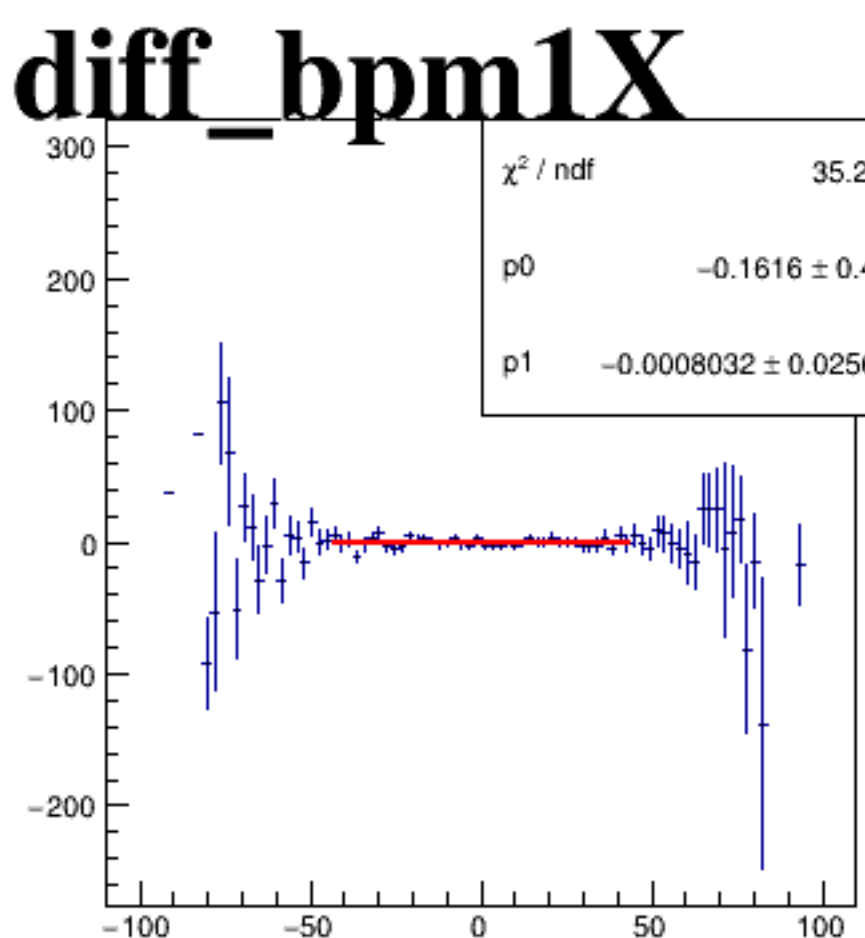
reg_asym_sam1



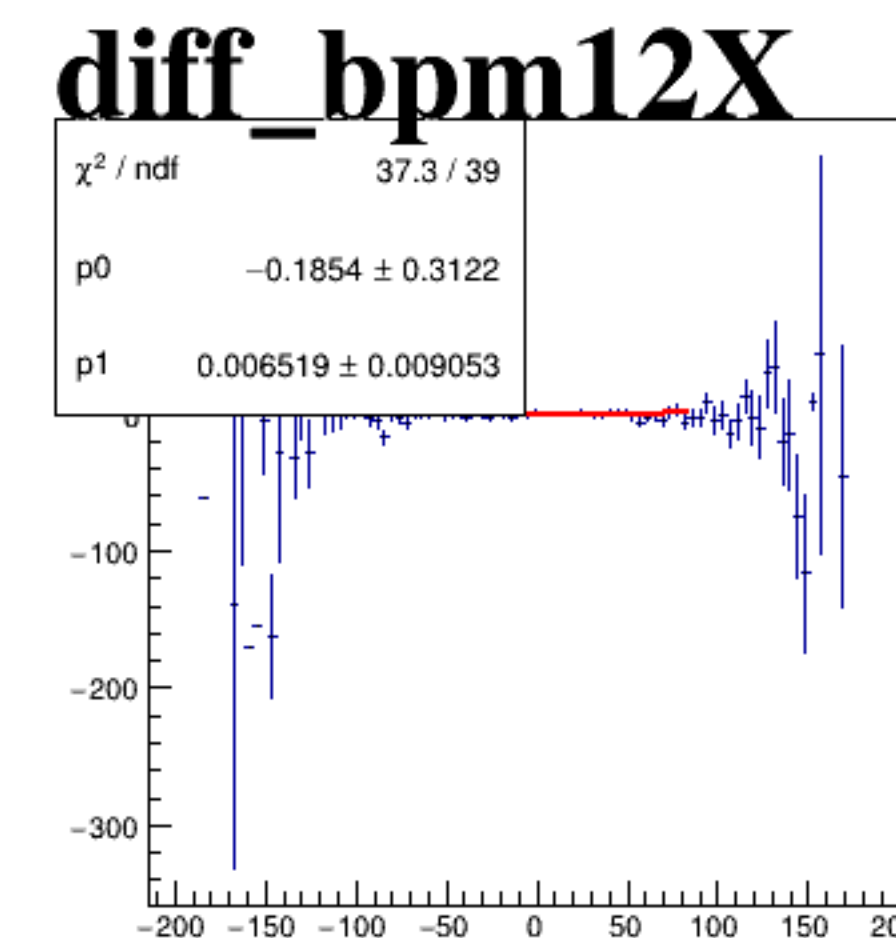
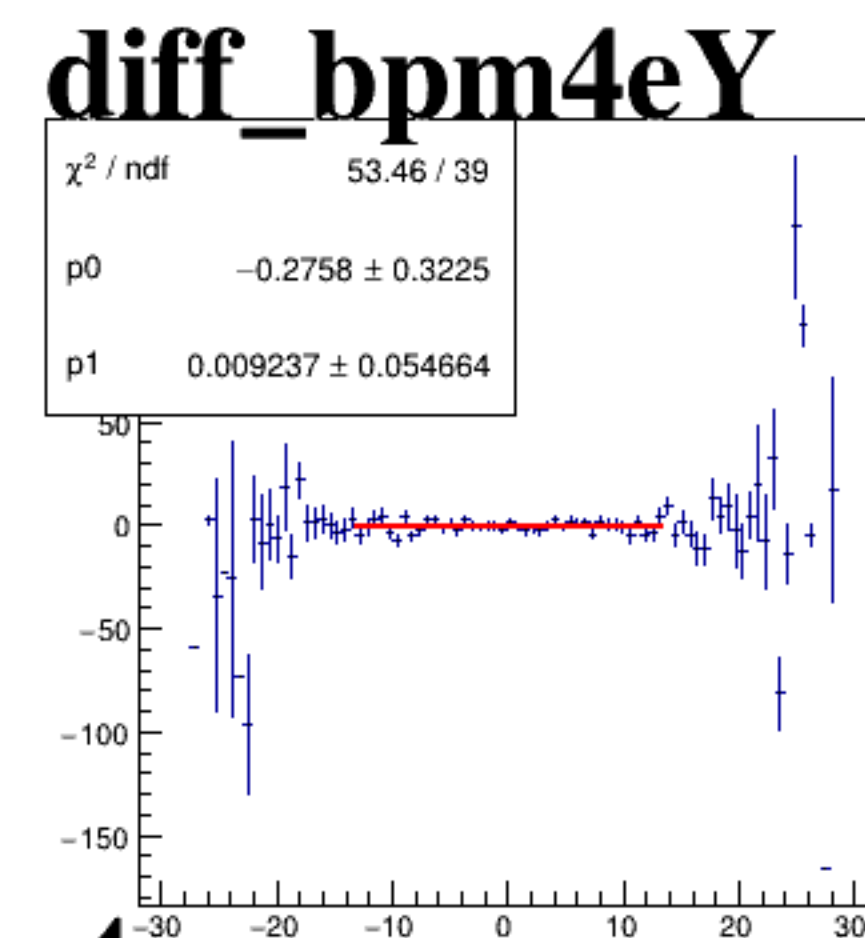
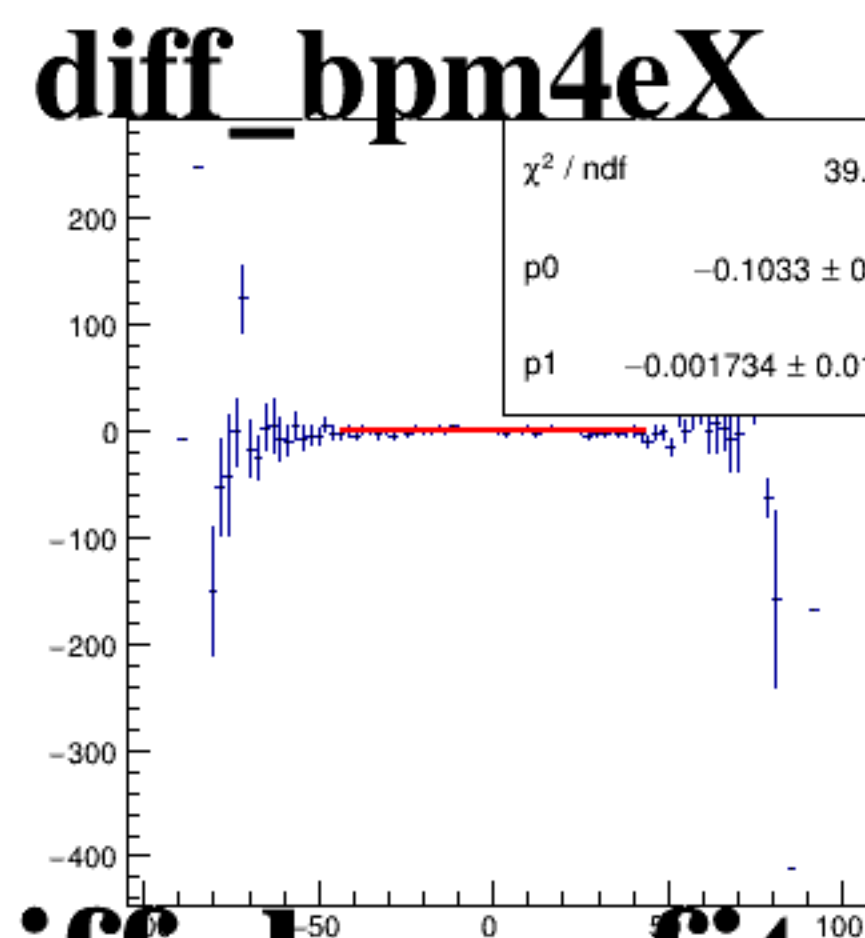
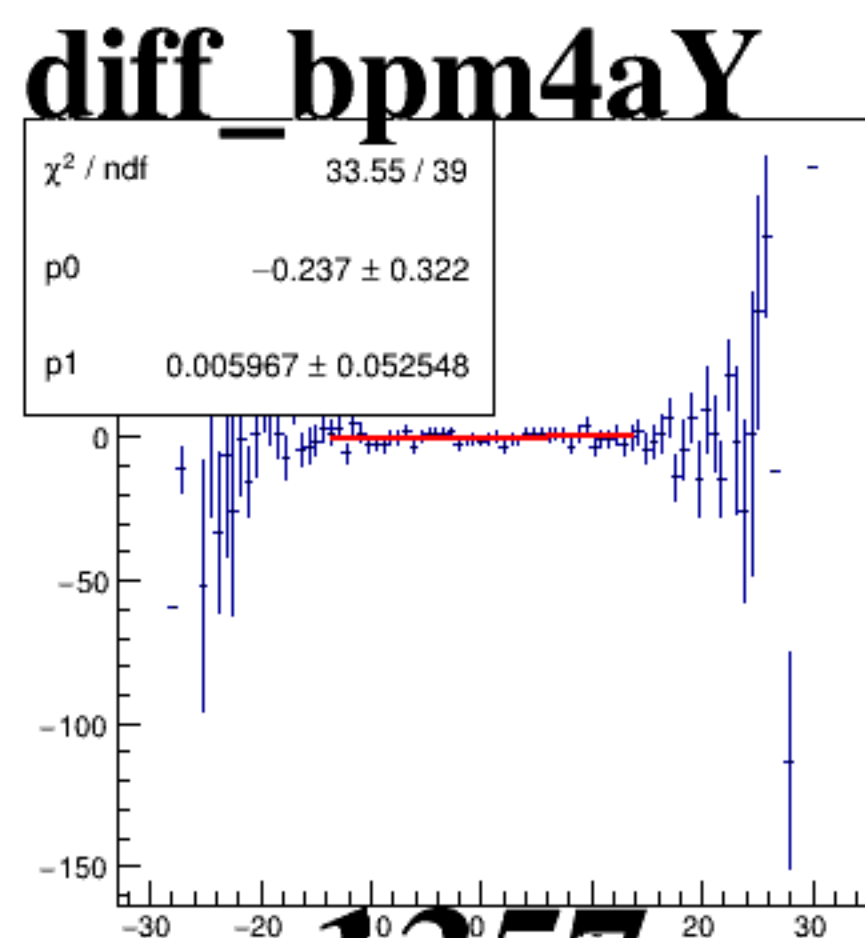
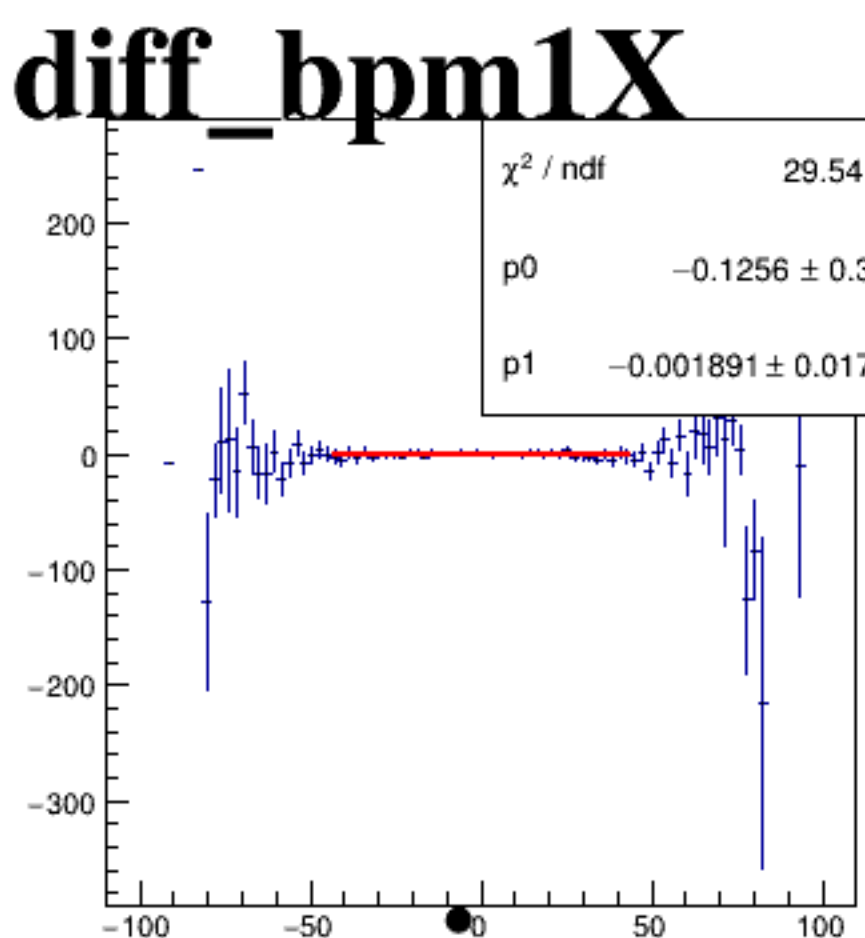
reg_asym_sam3



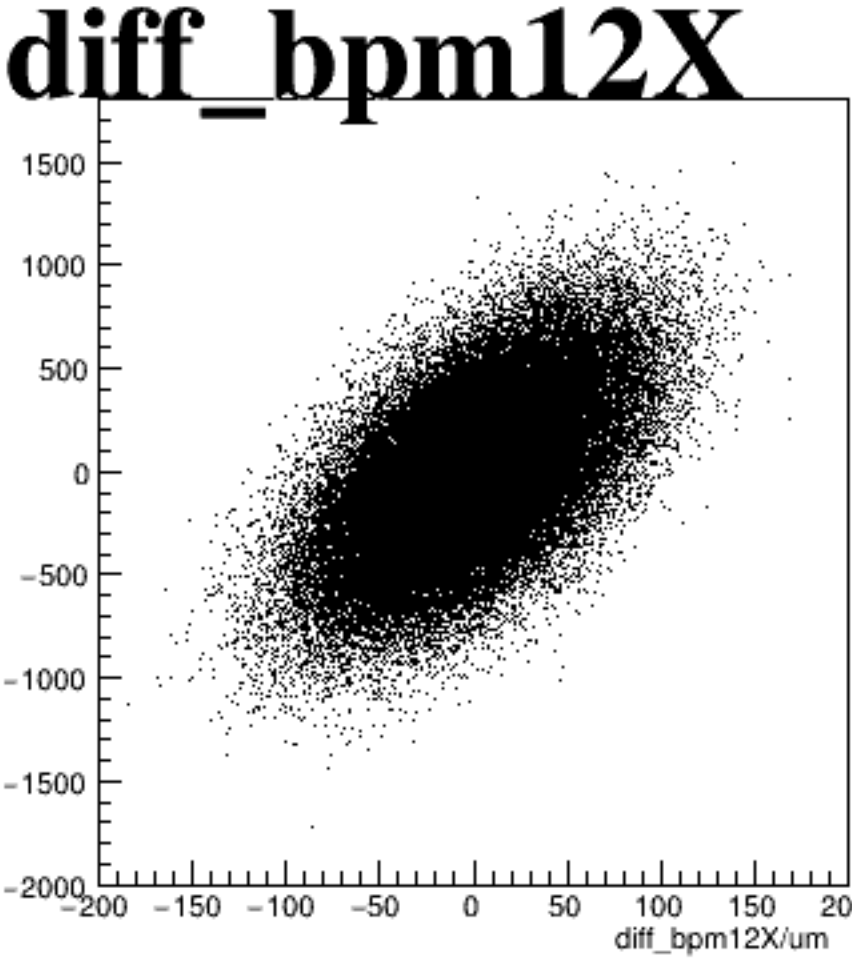
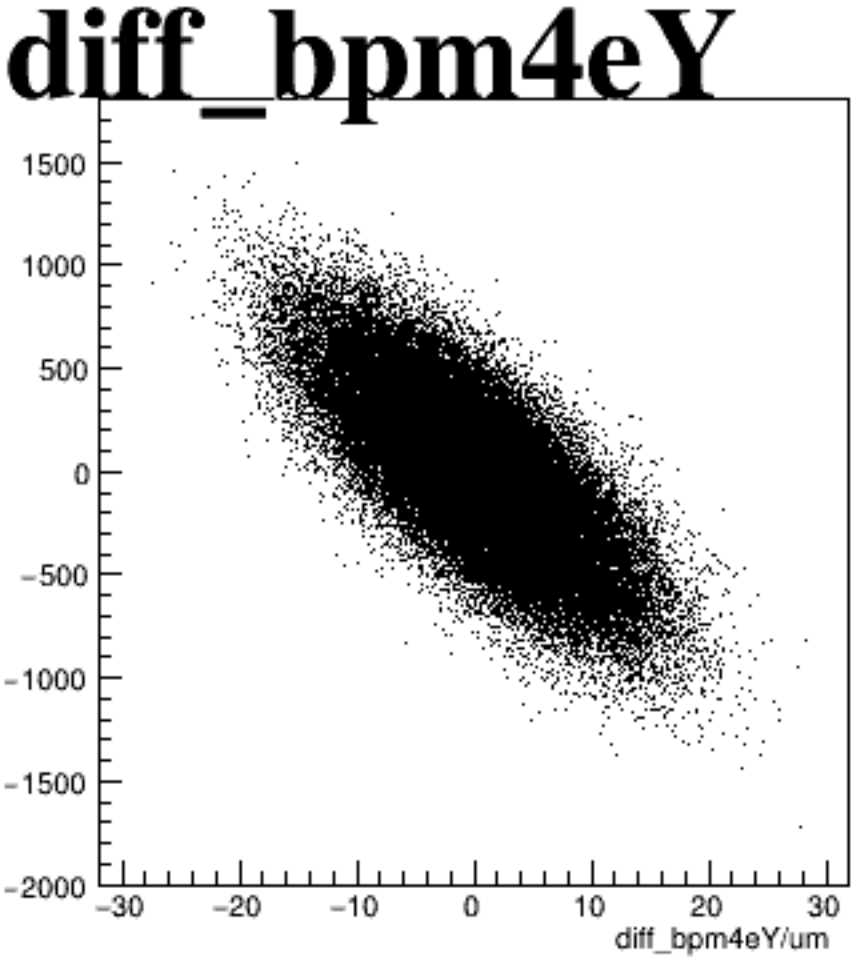
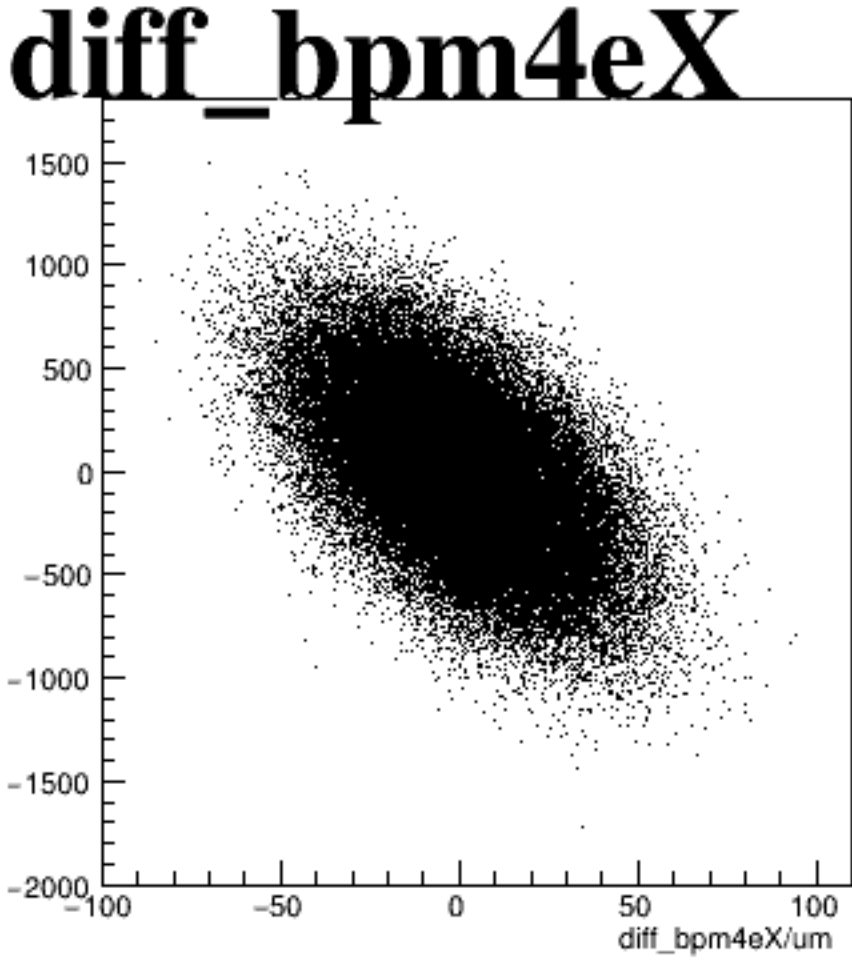
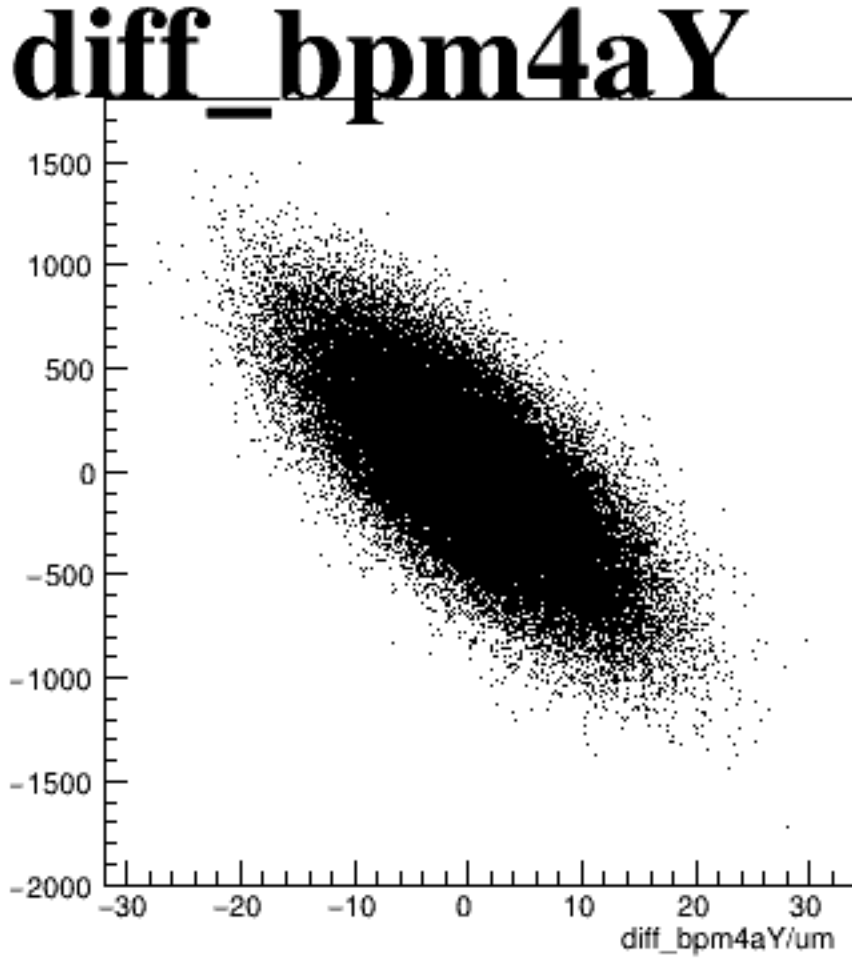
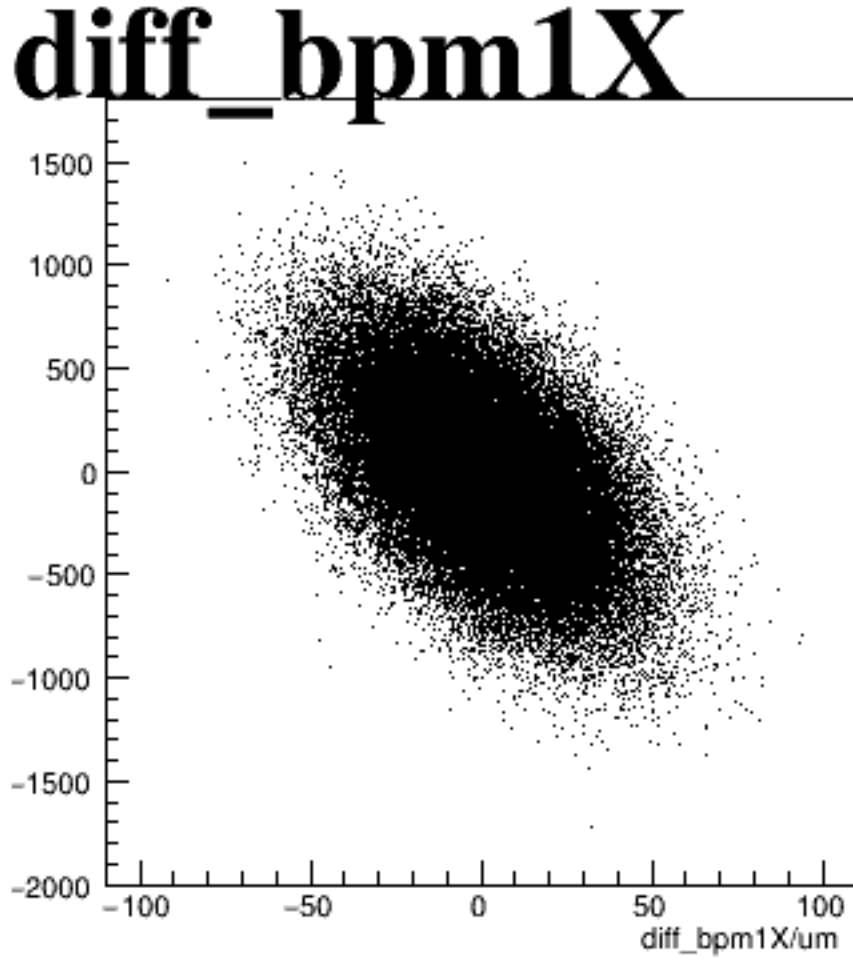
reg_asym_sam5



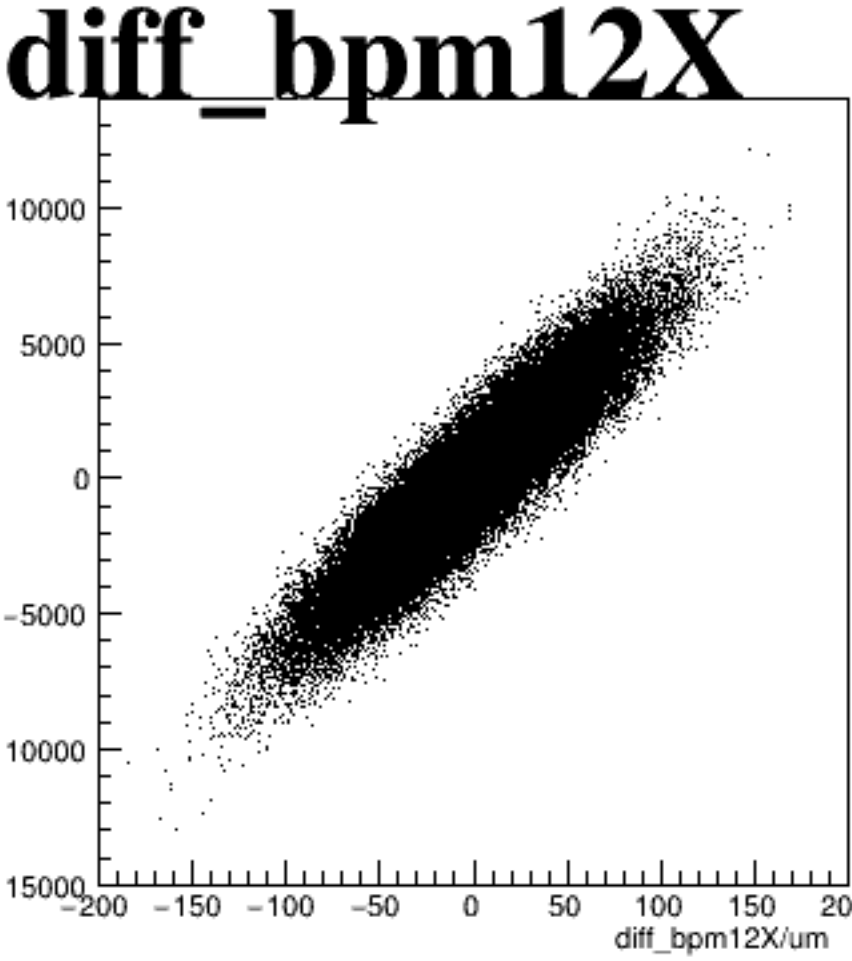
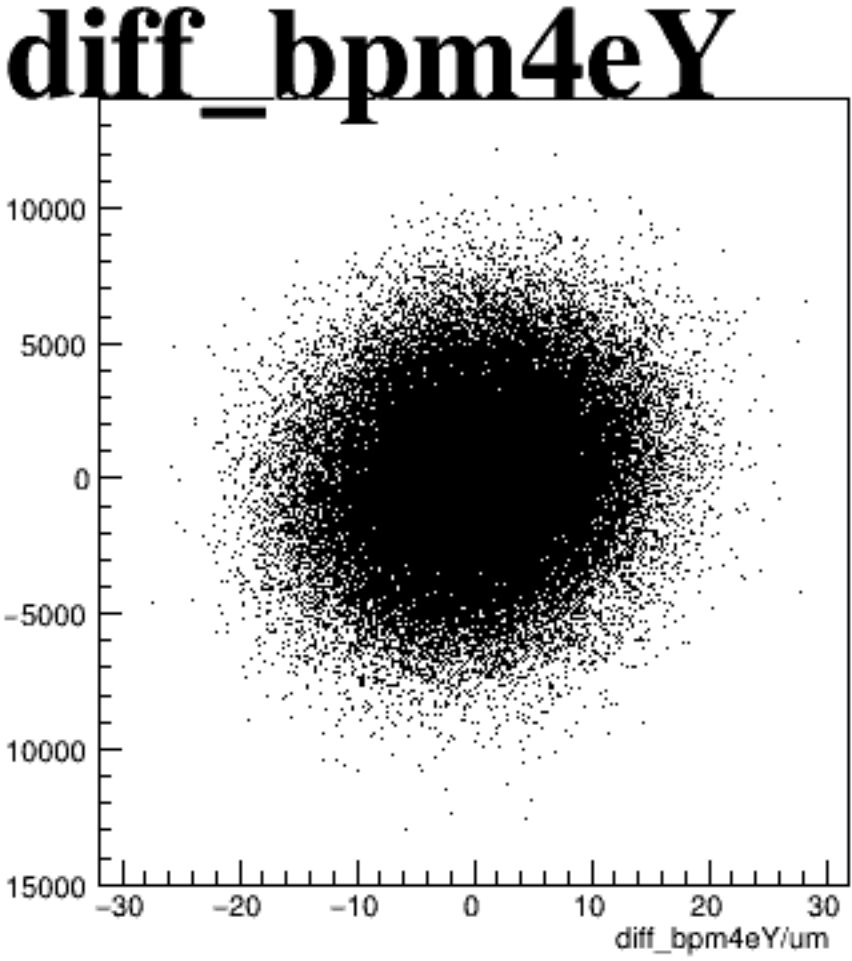
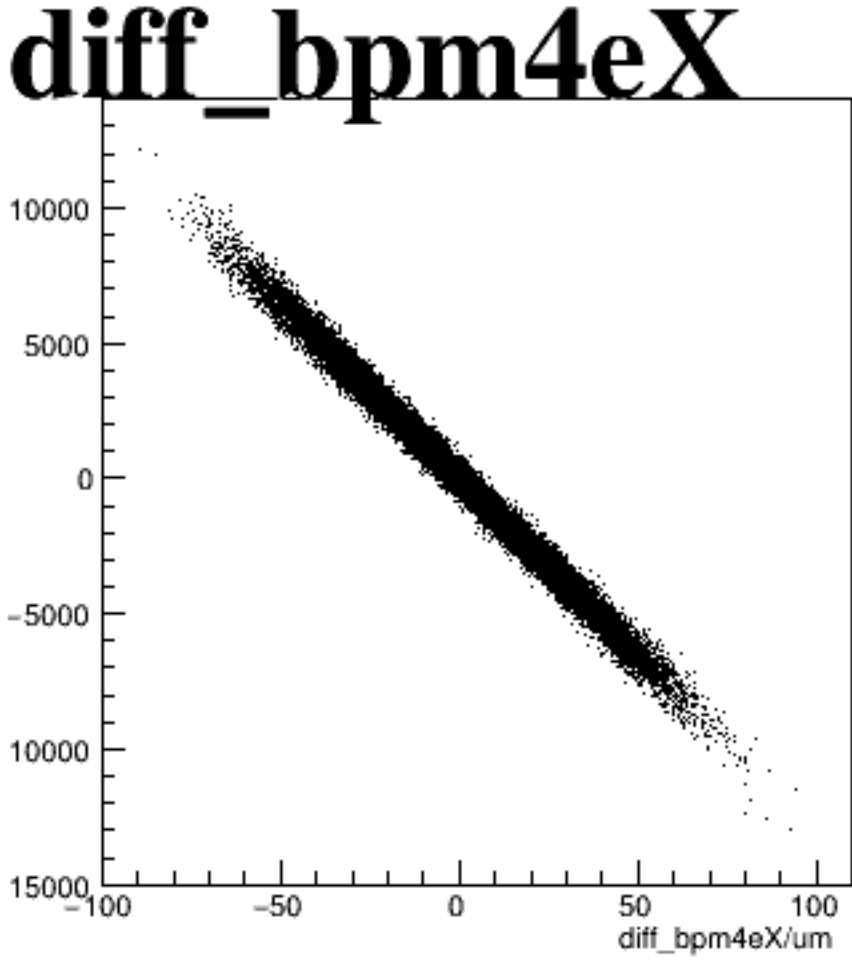
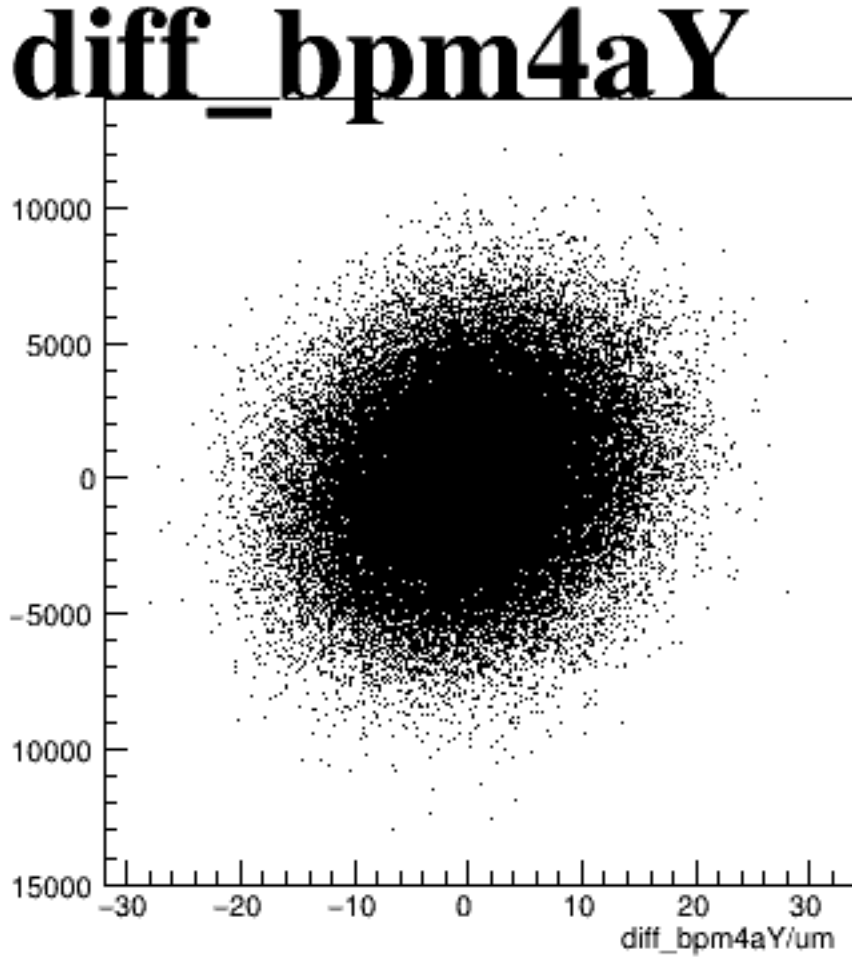
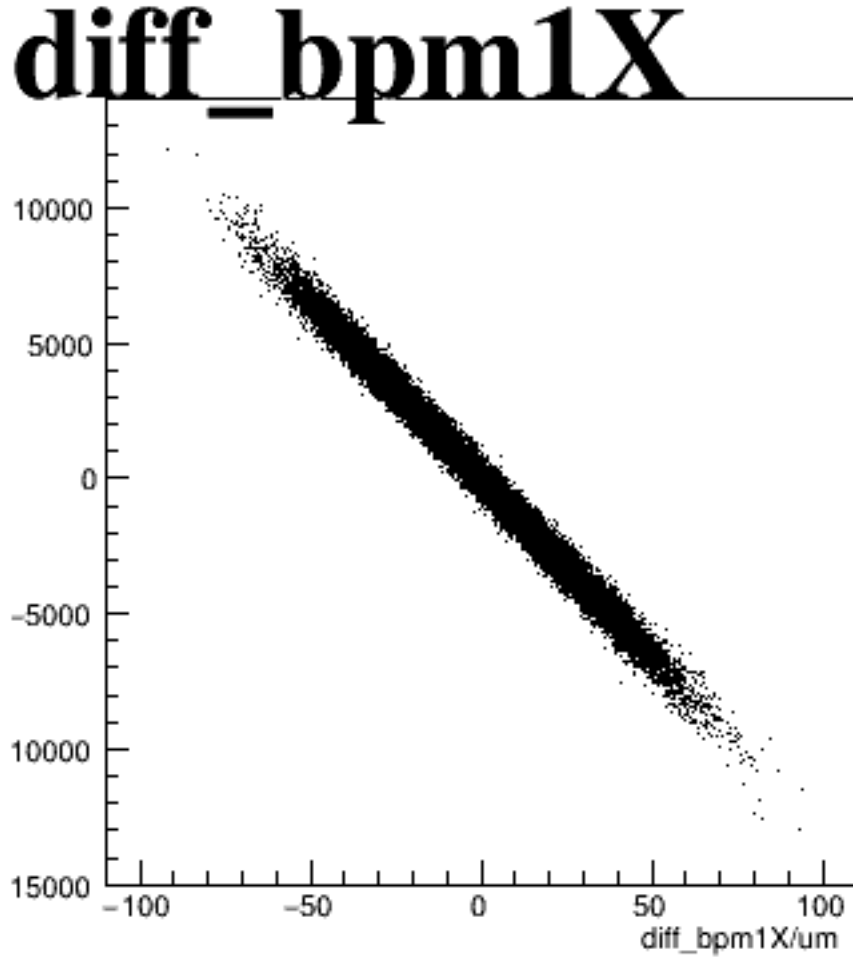
reg_asym_sam7



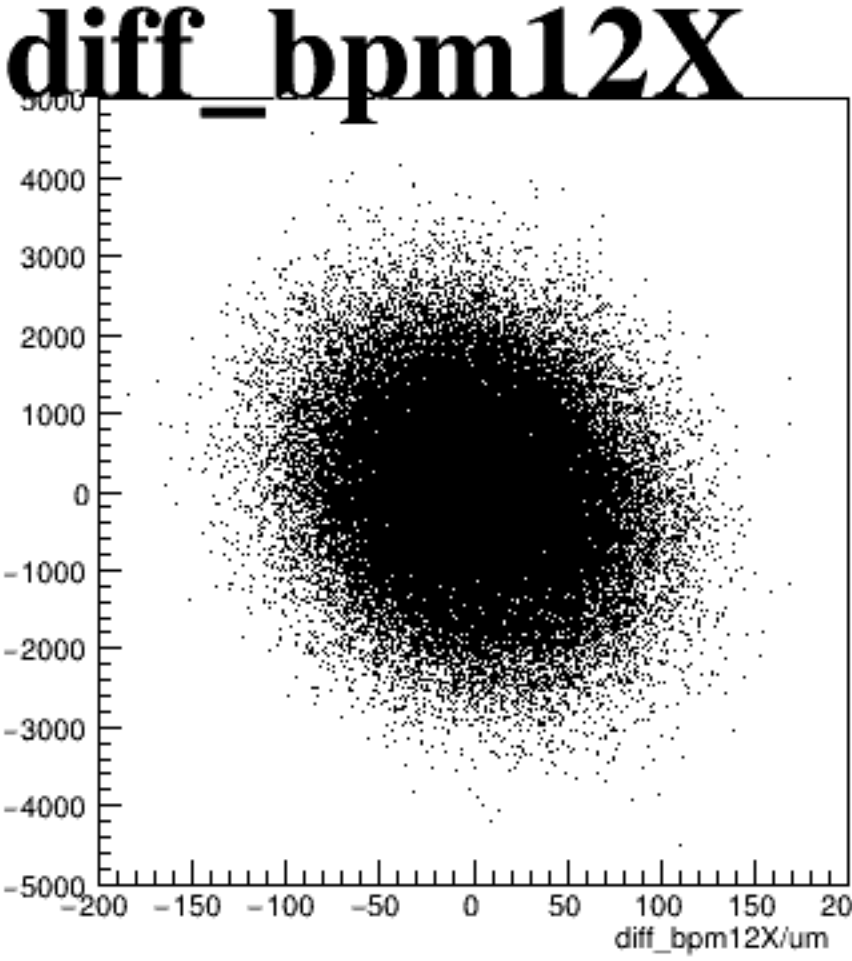
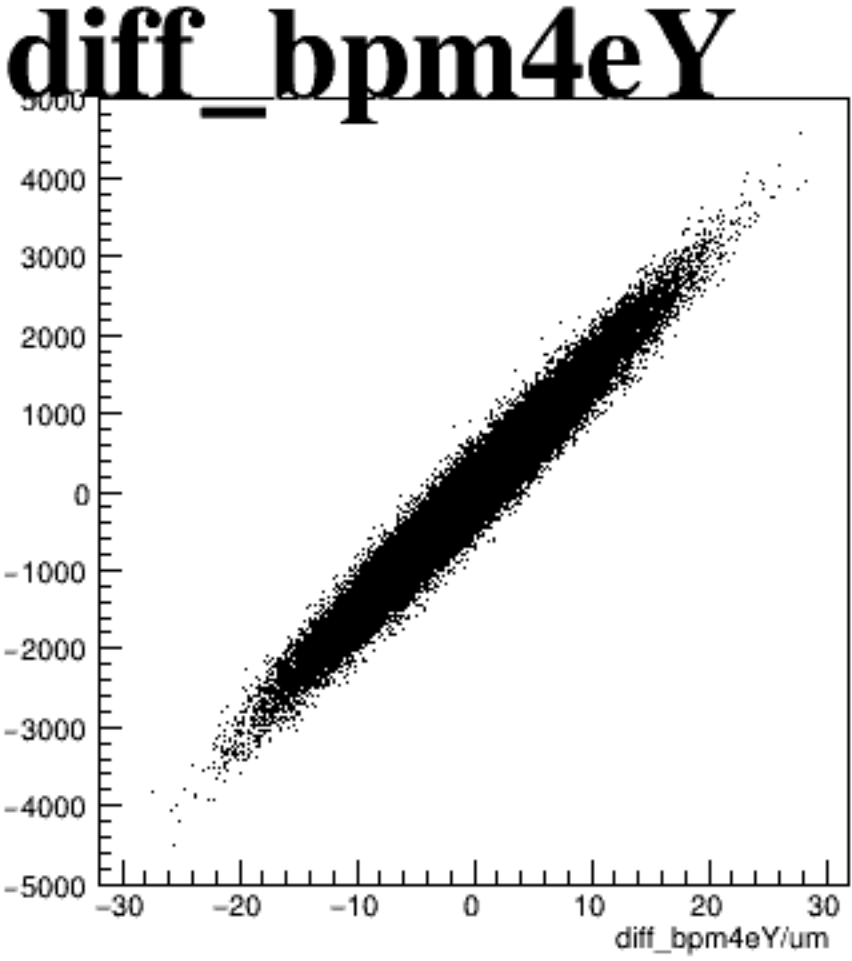
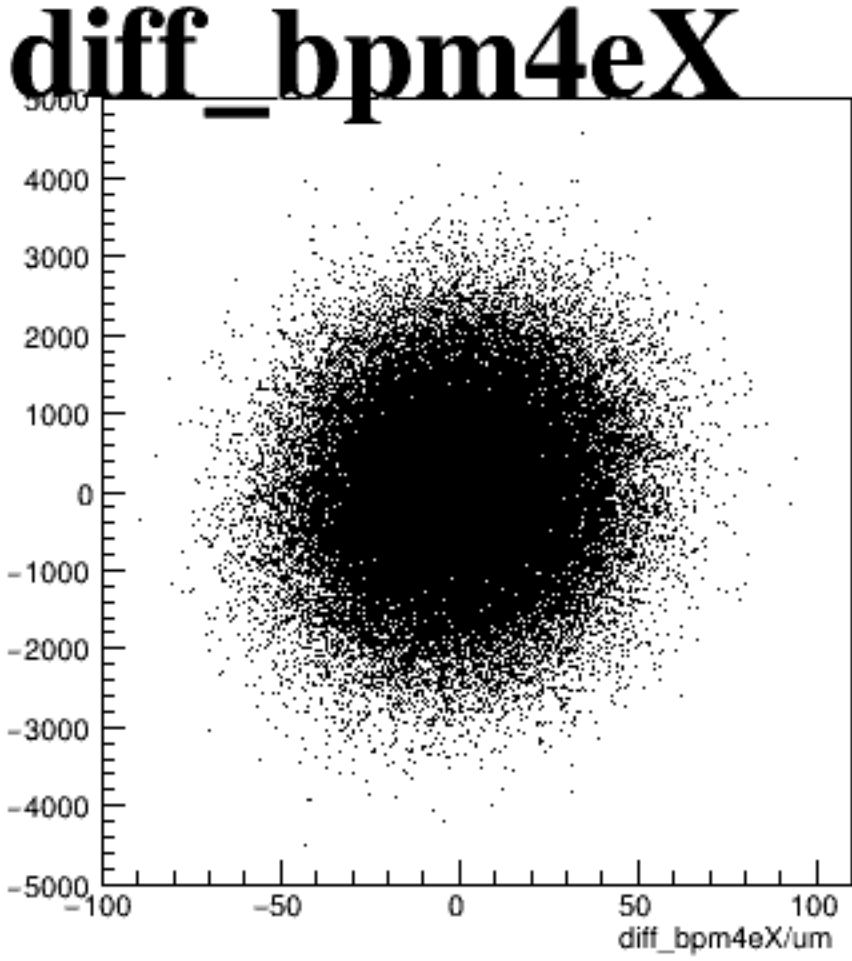
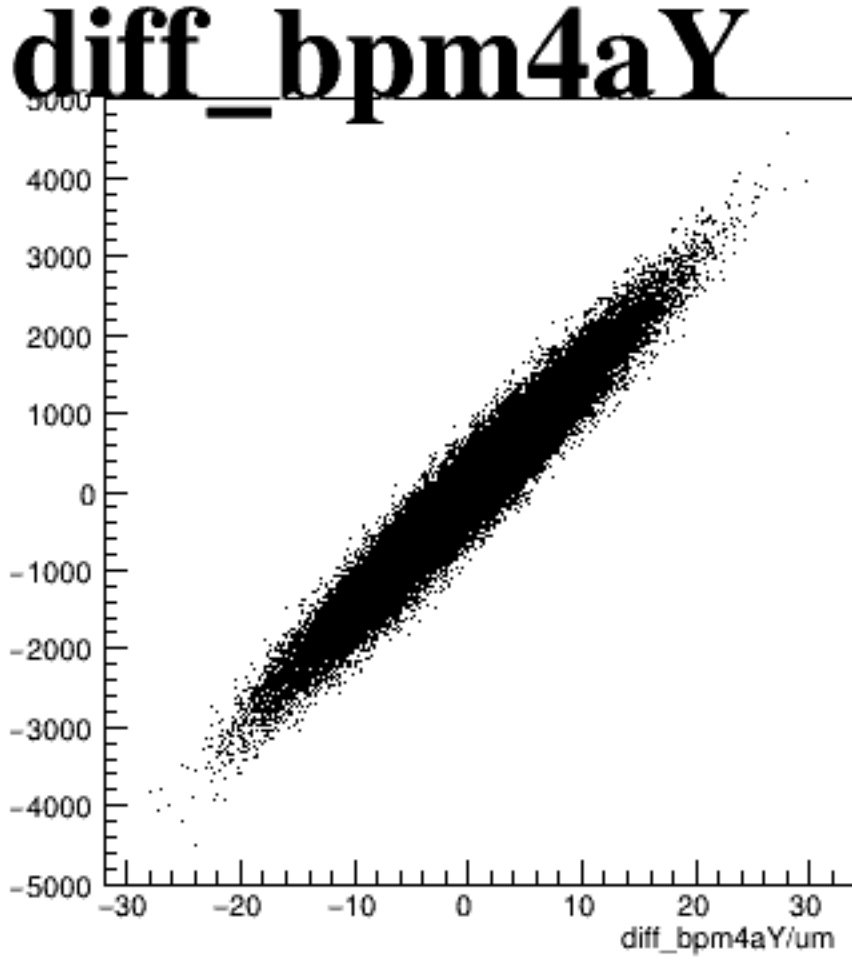
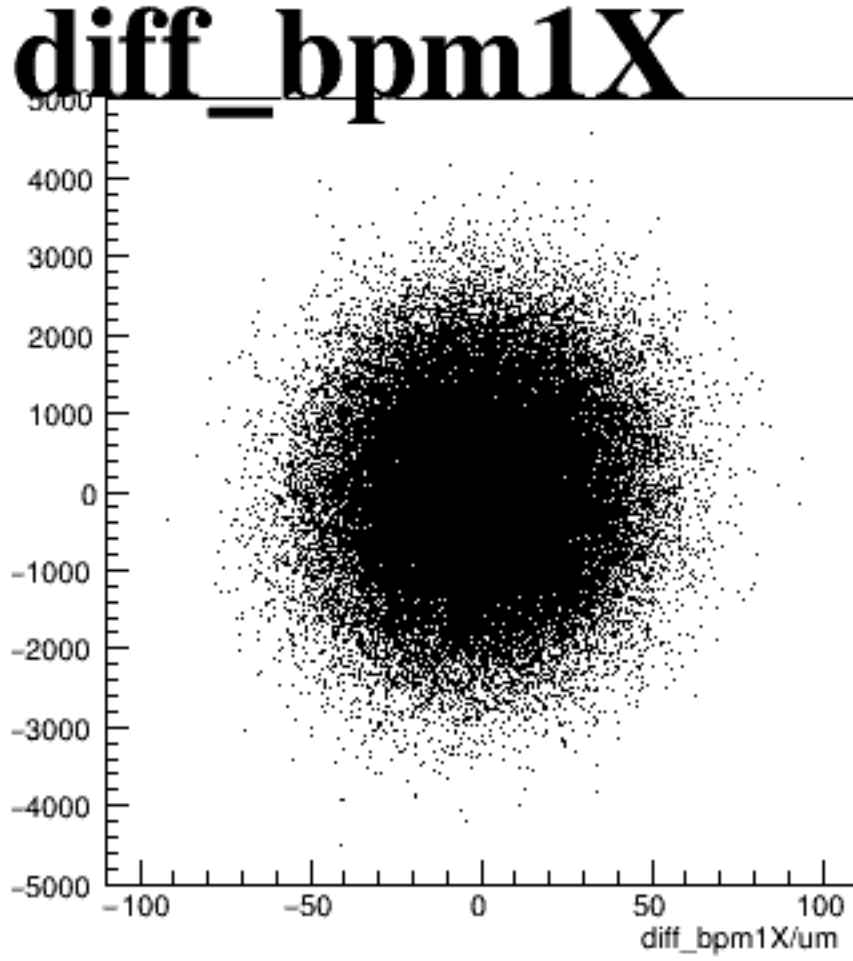
asym_sam1



asym_sam3



asym_sam5



asym_sam7

