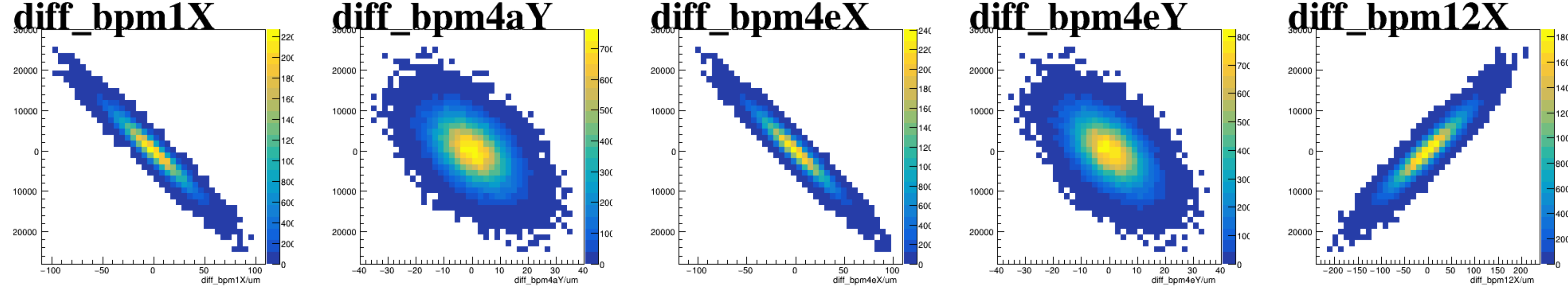
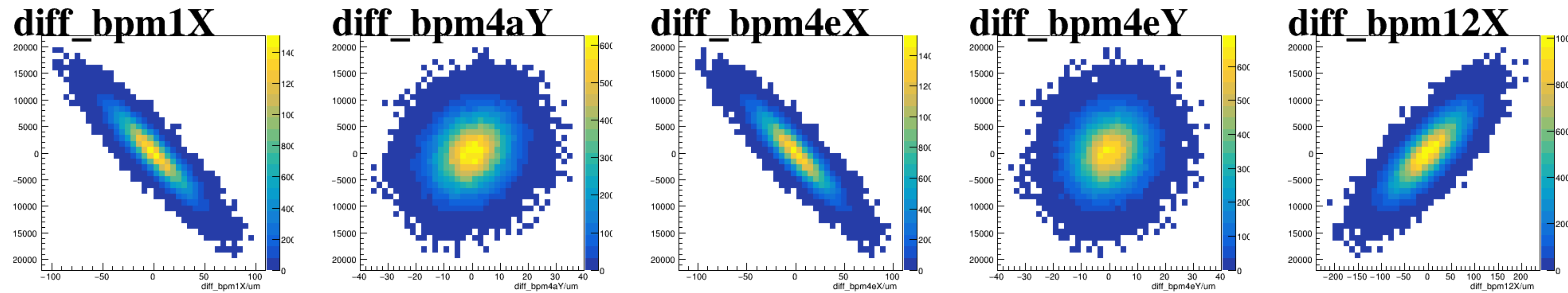


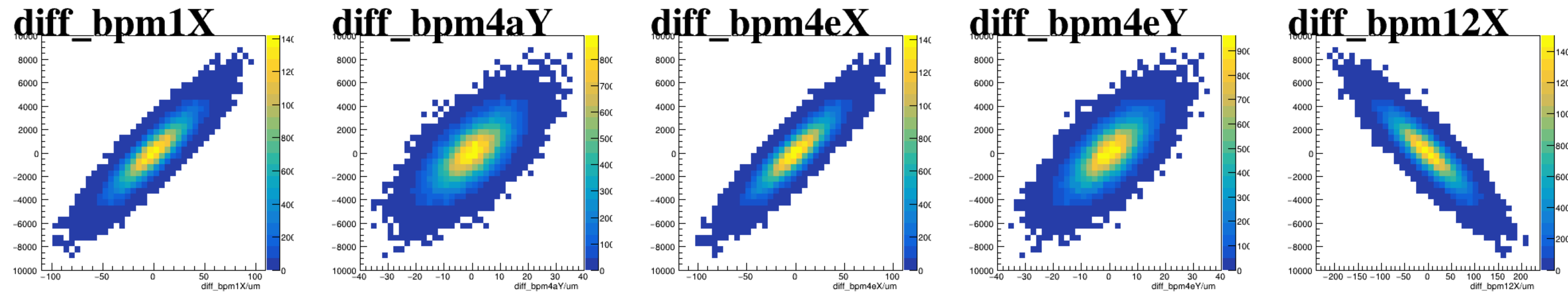
asym_sam2



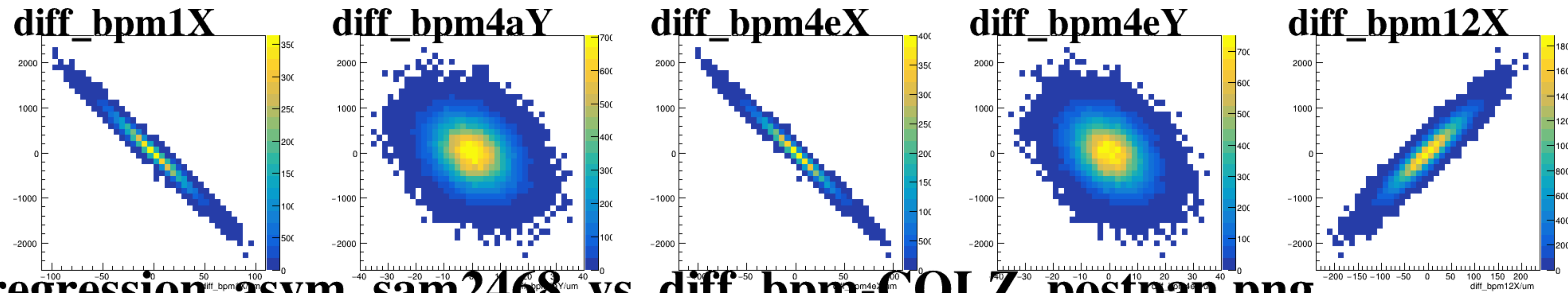
asym_sam4



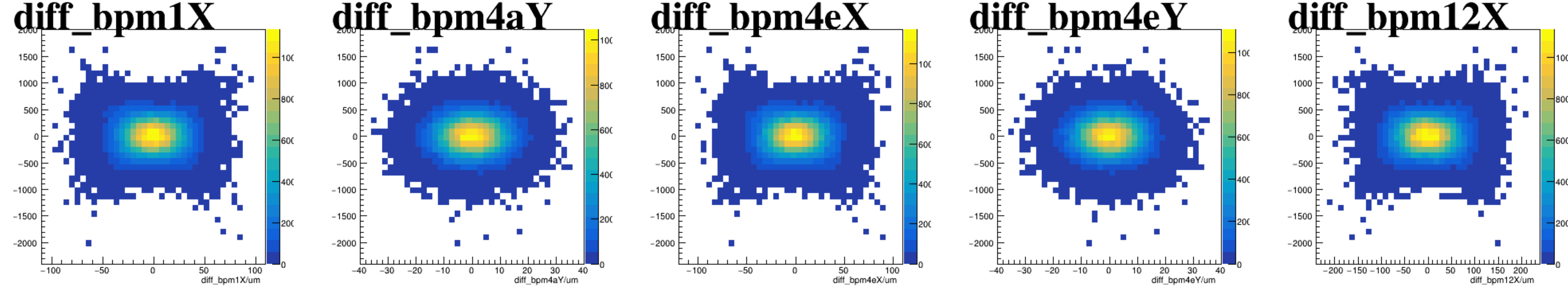
asym_sam6



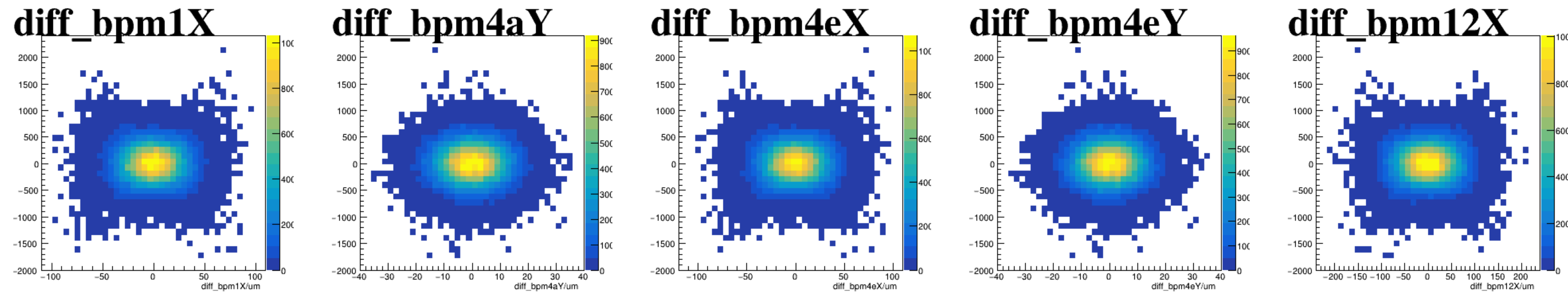
asym_sam8



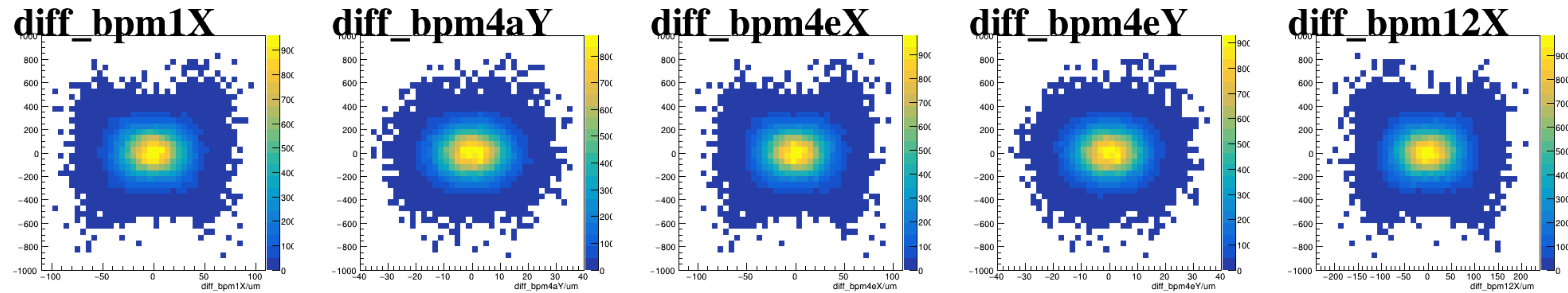
reg_asym_sam2



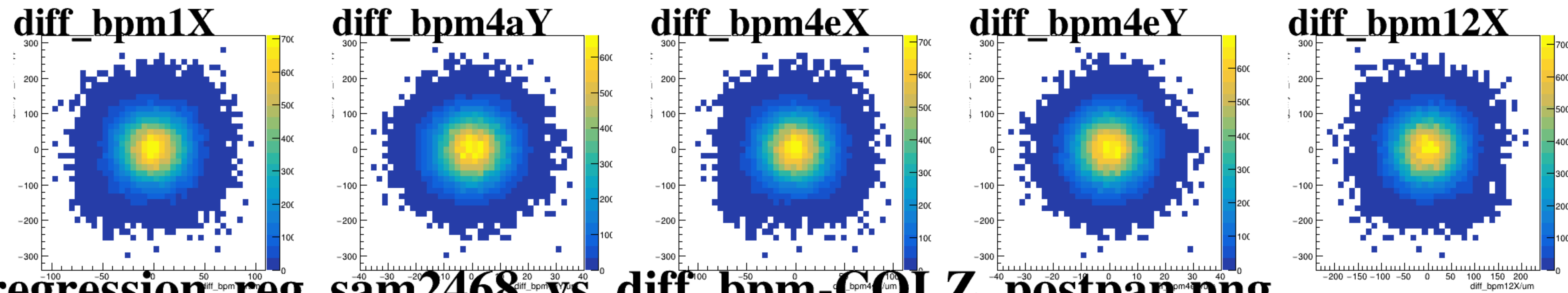
reg_asym_sam4



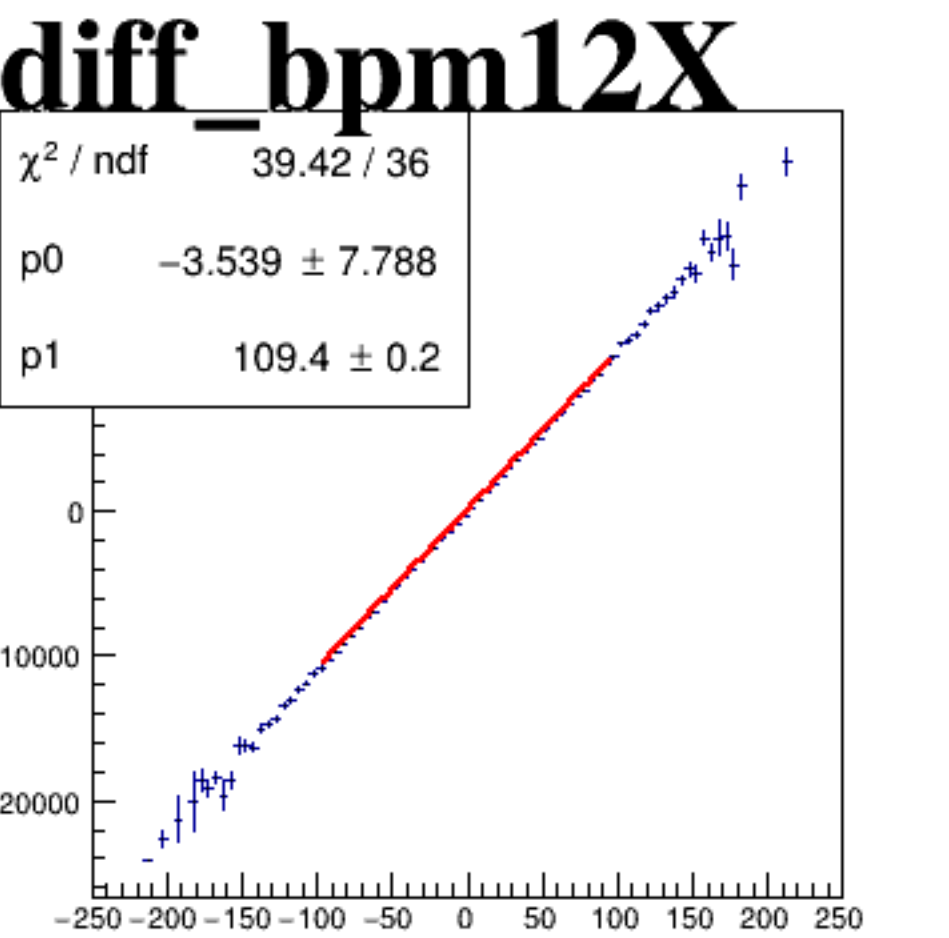
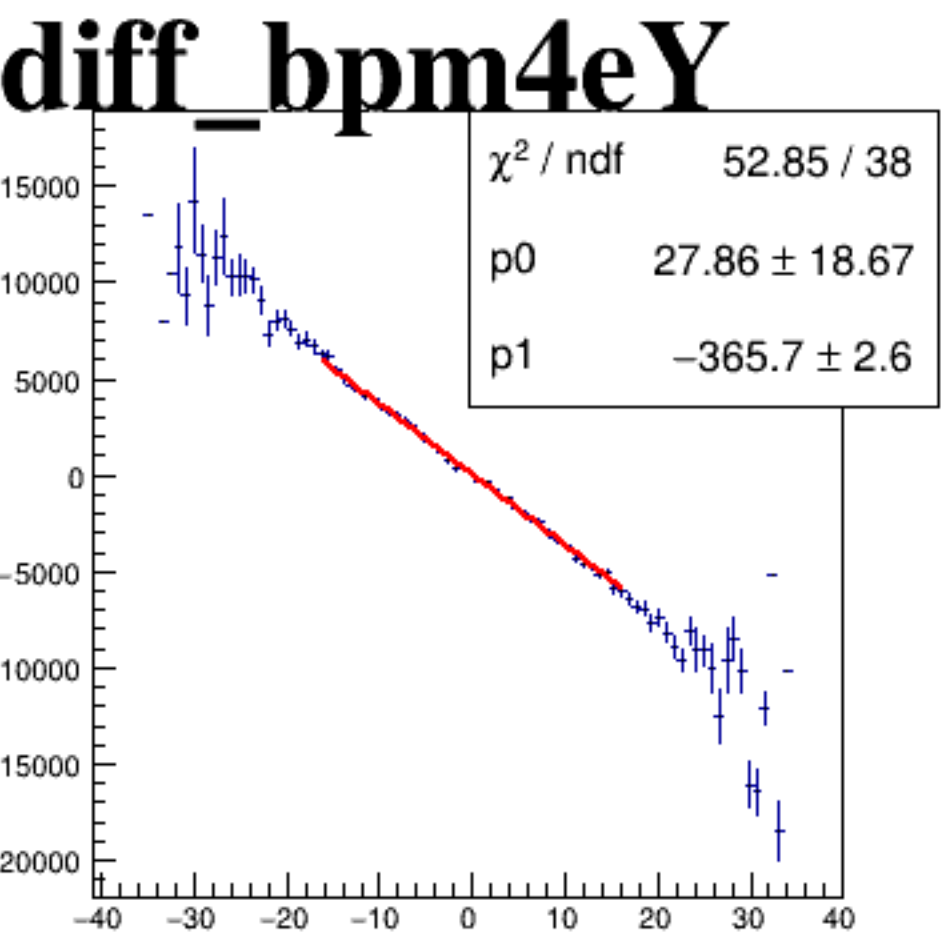
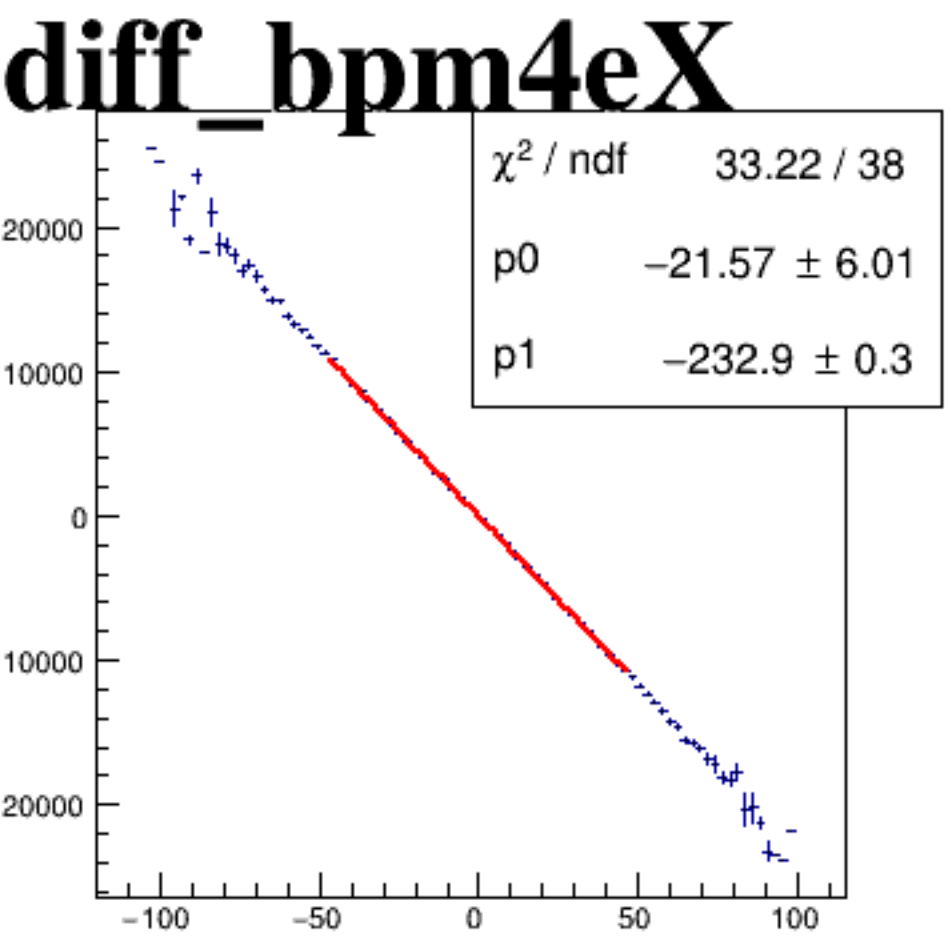
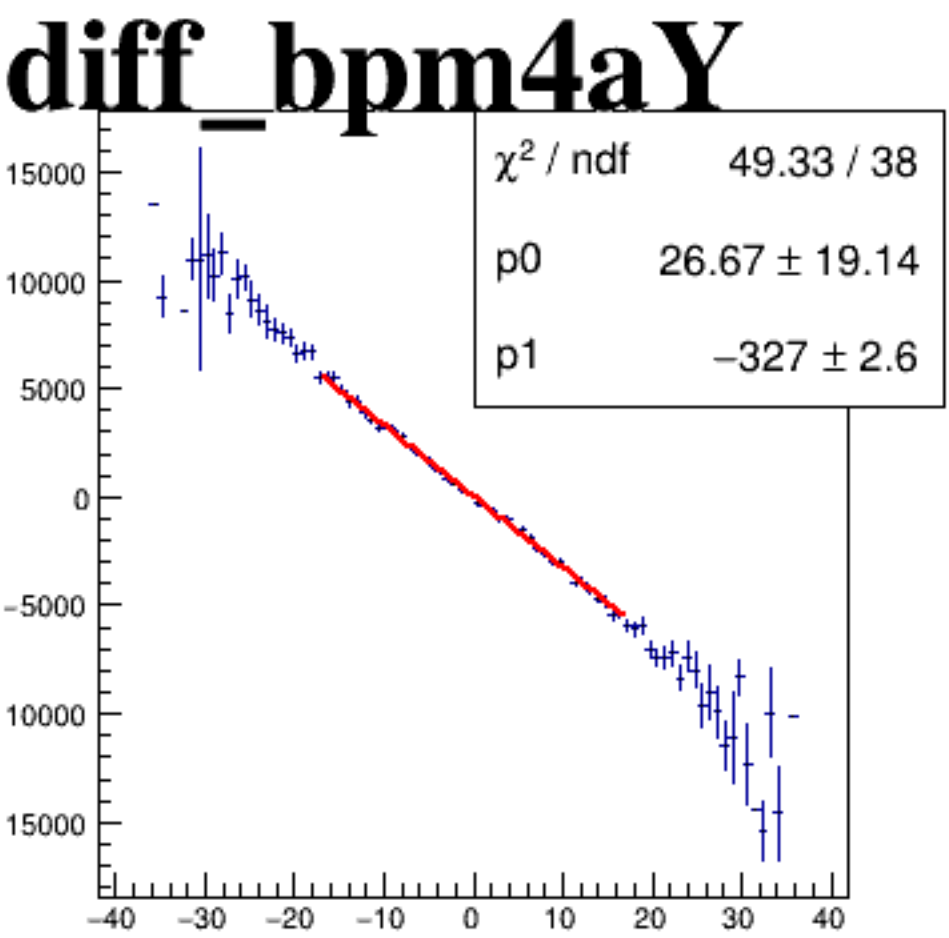
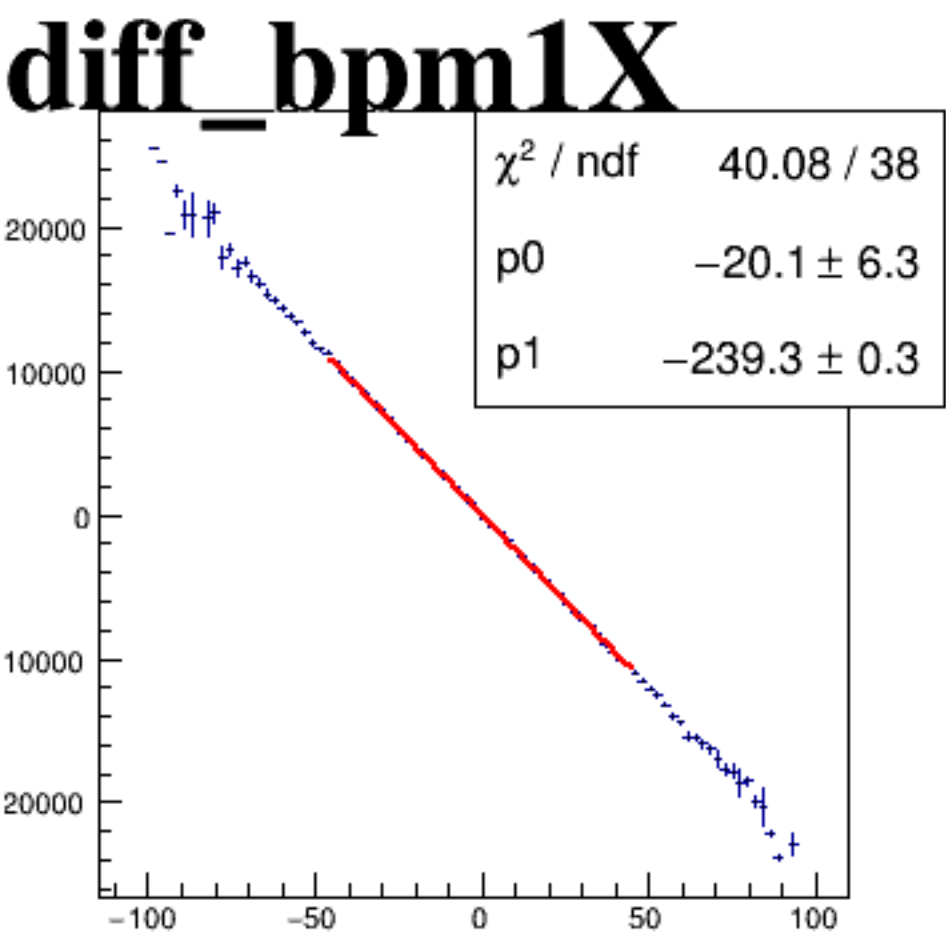
reg_asym_sam6



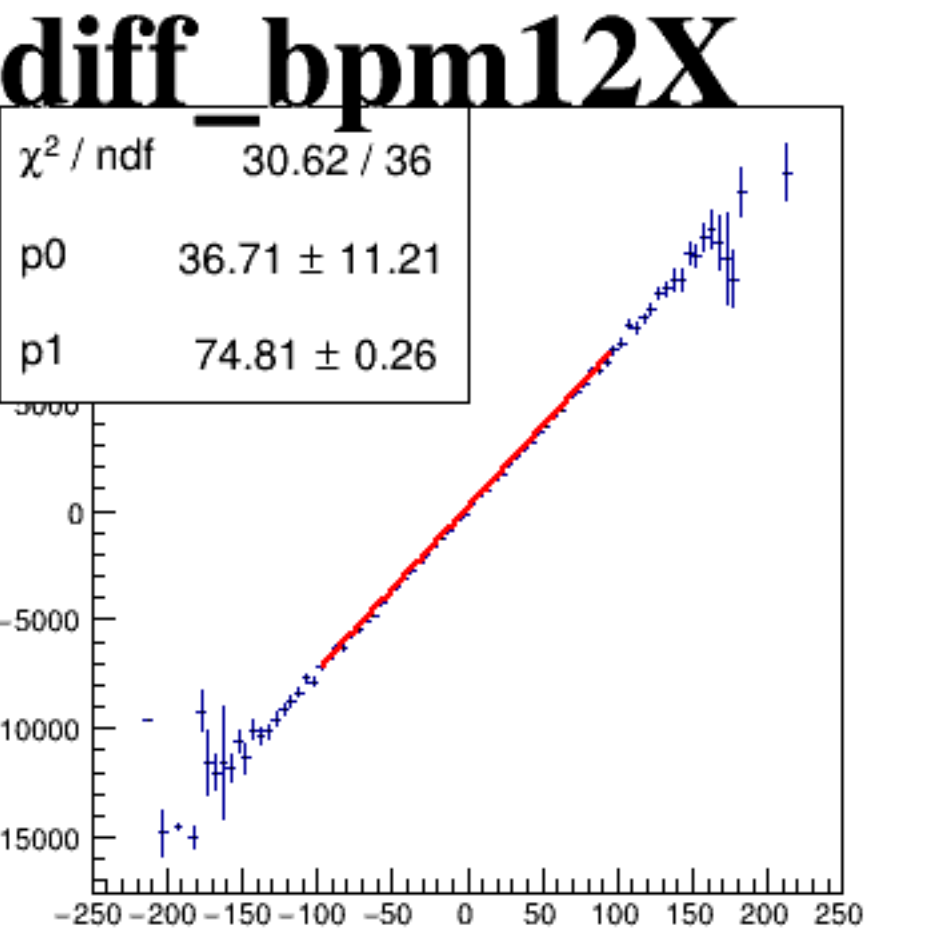
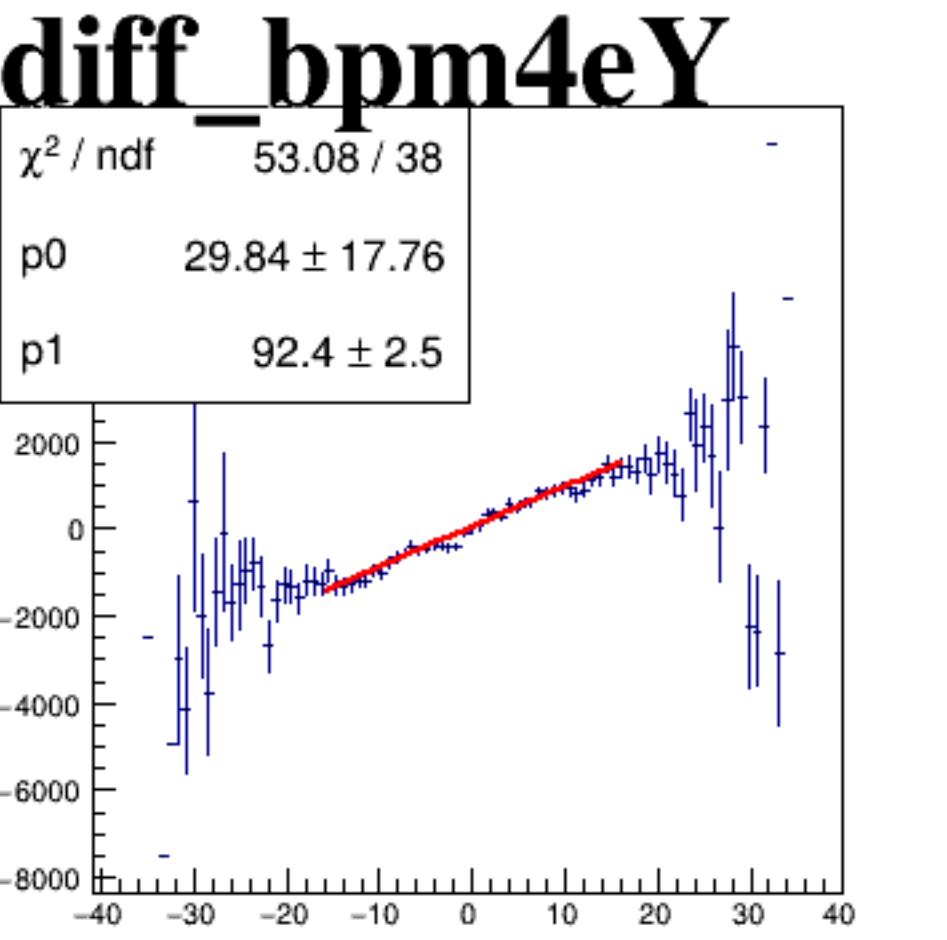
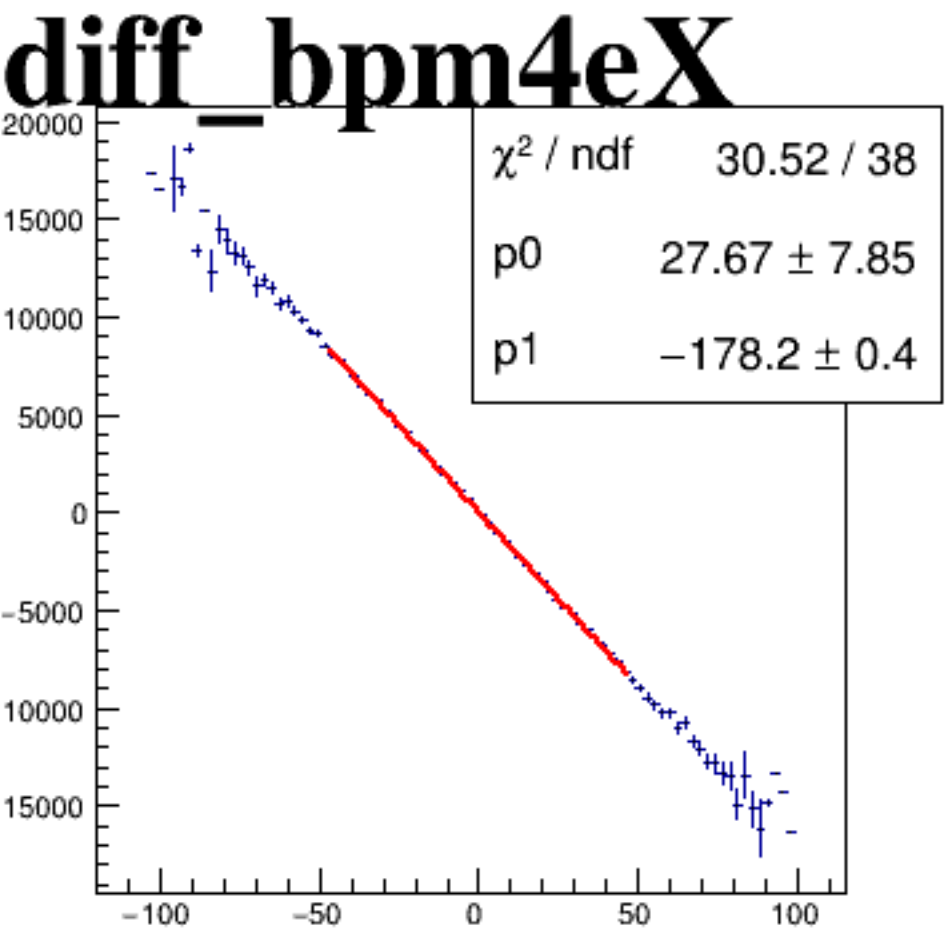
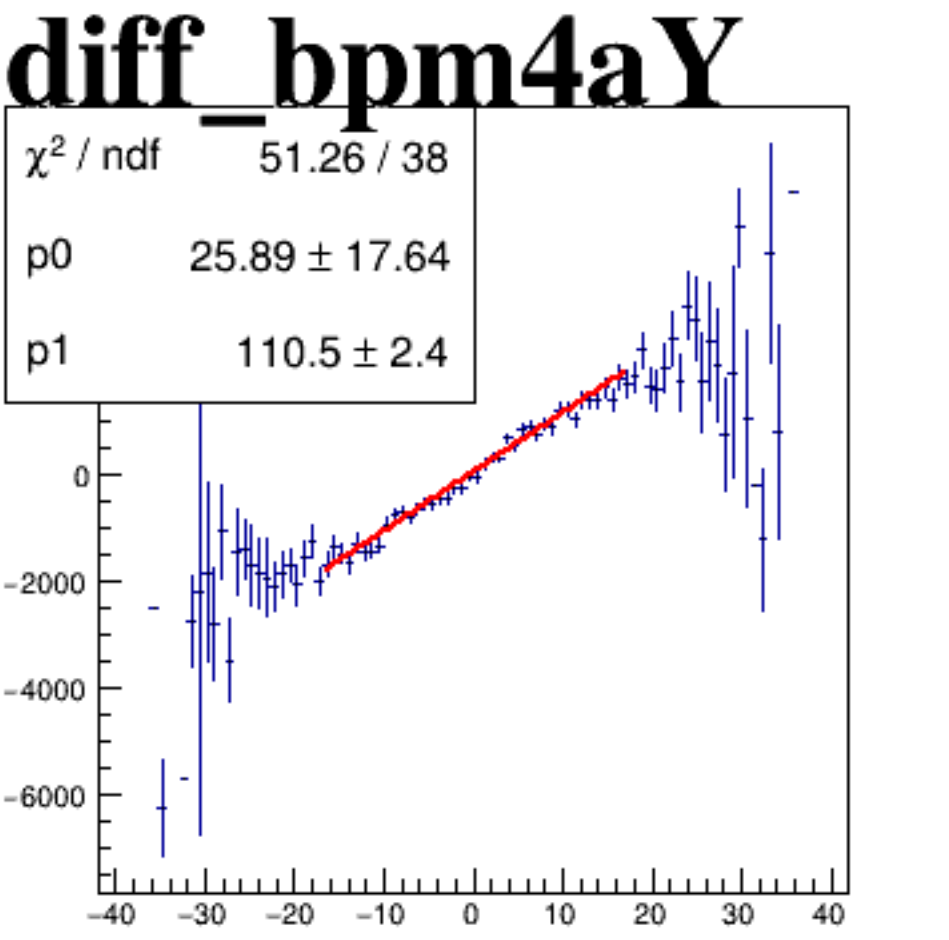
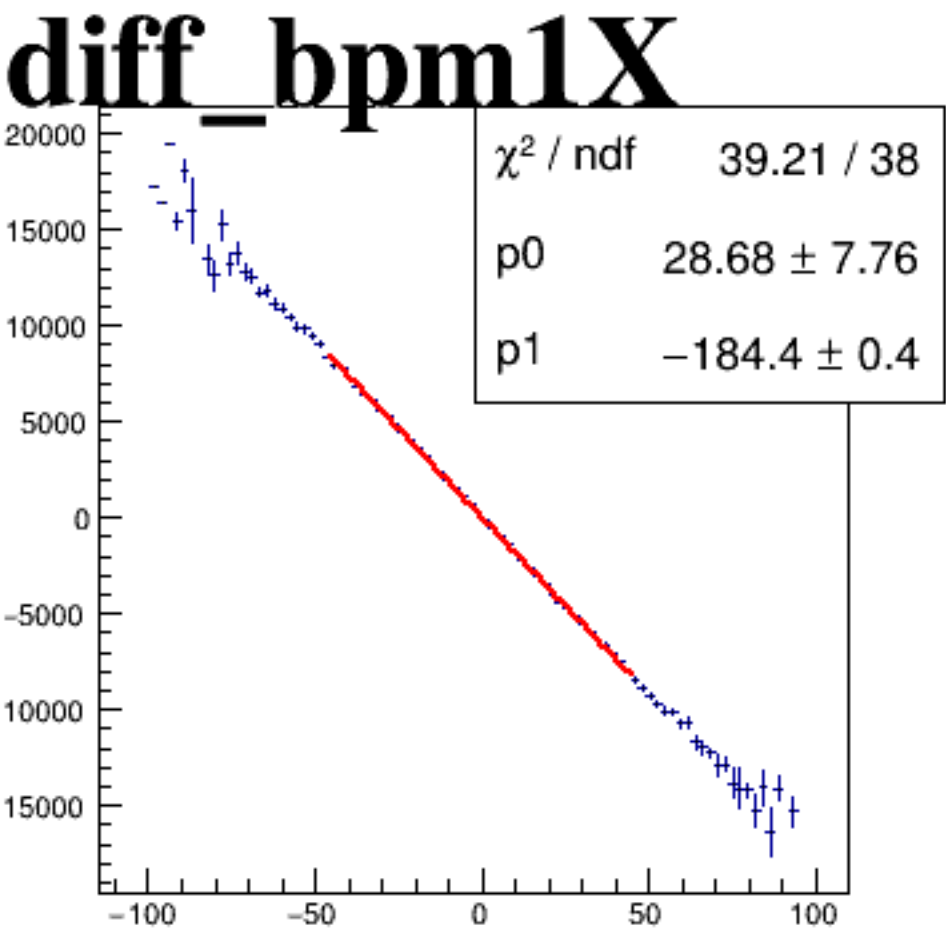
reg_asym_sam8



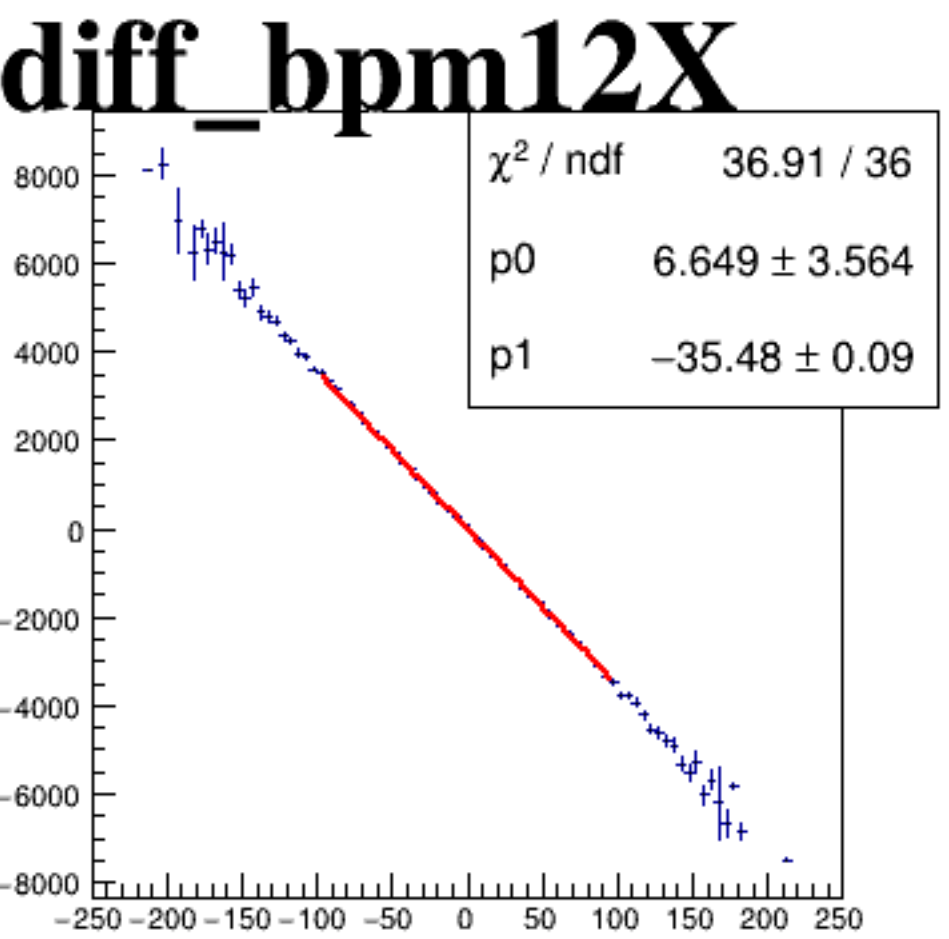
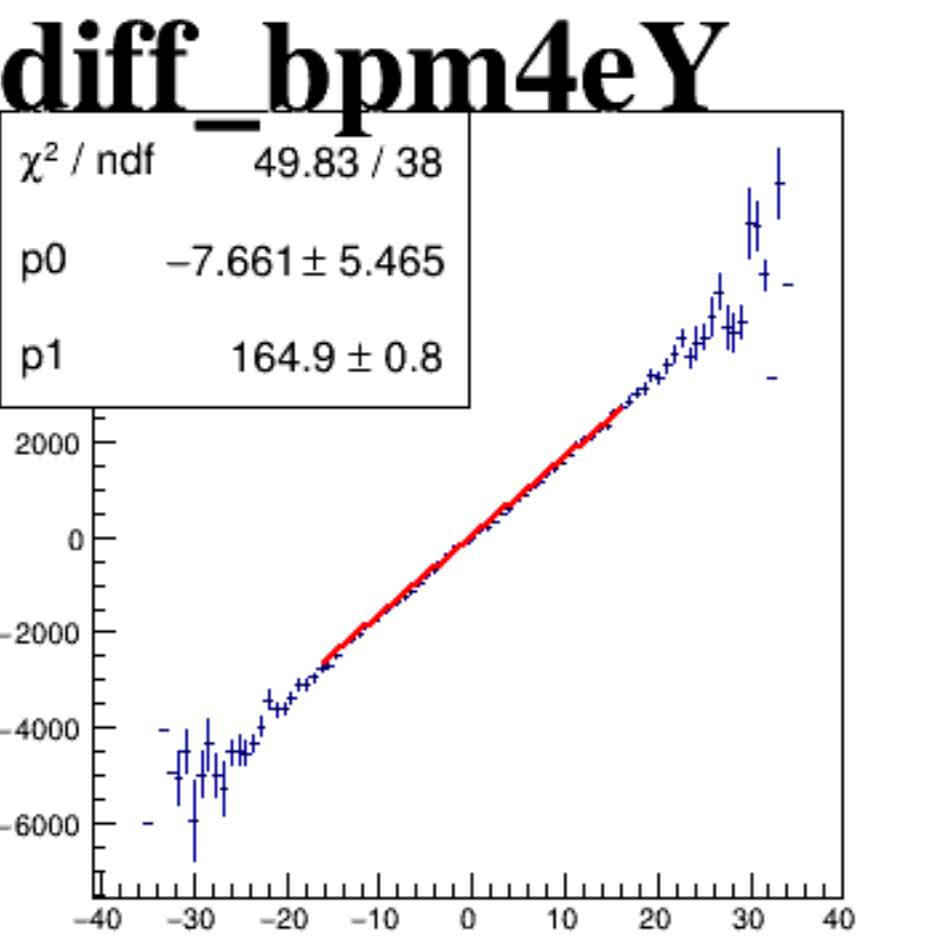
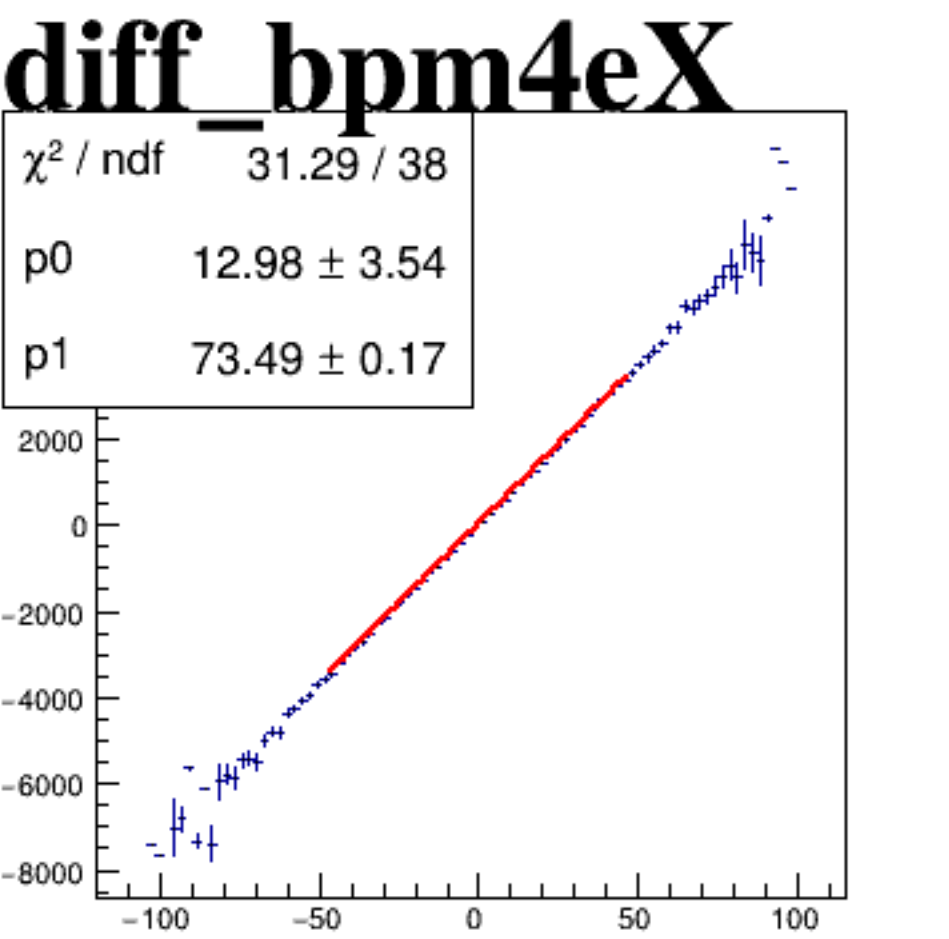
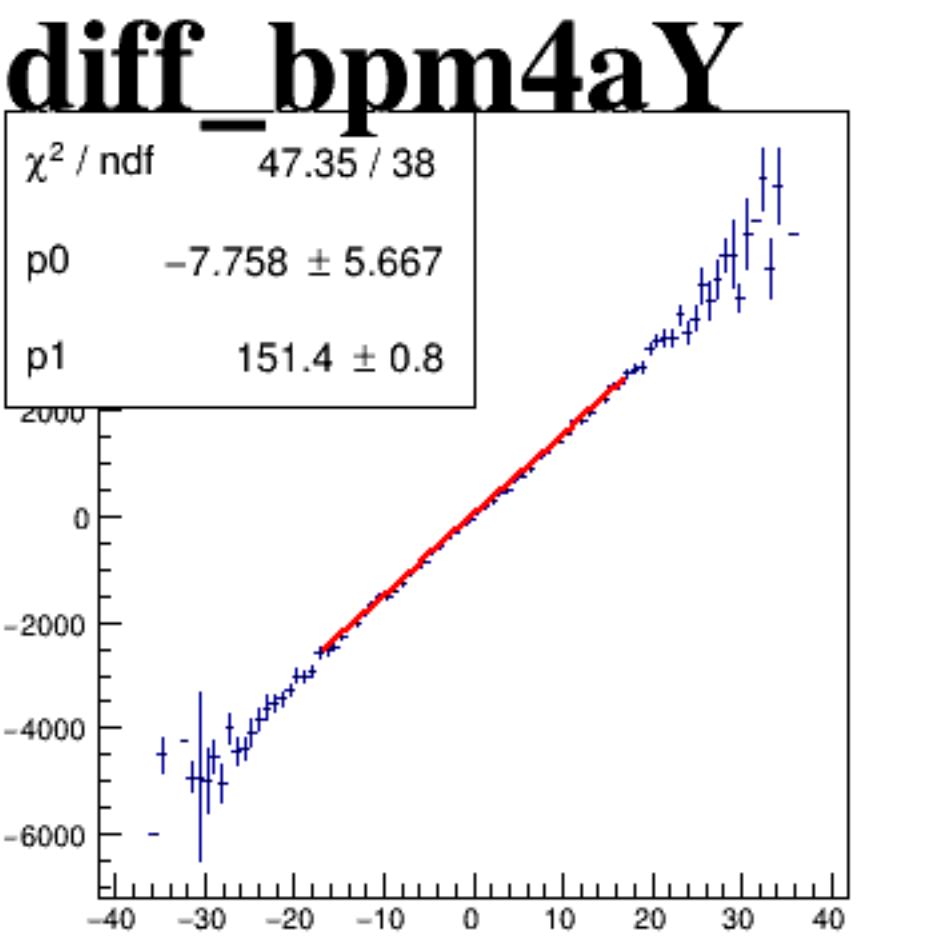
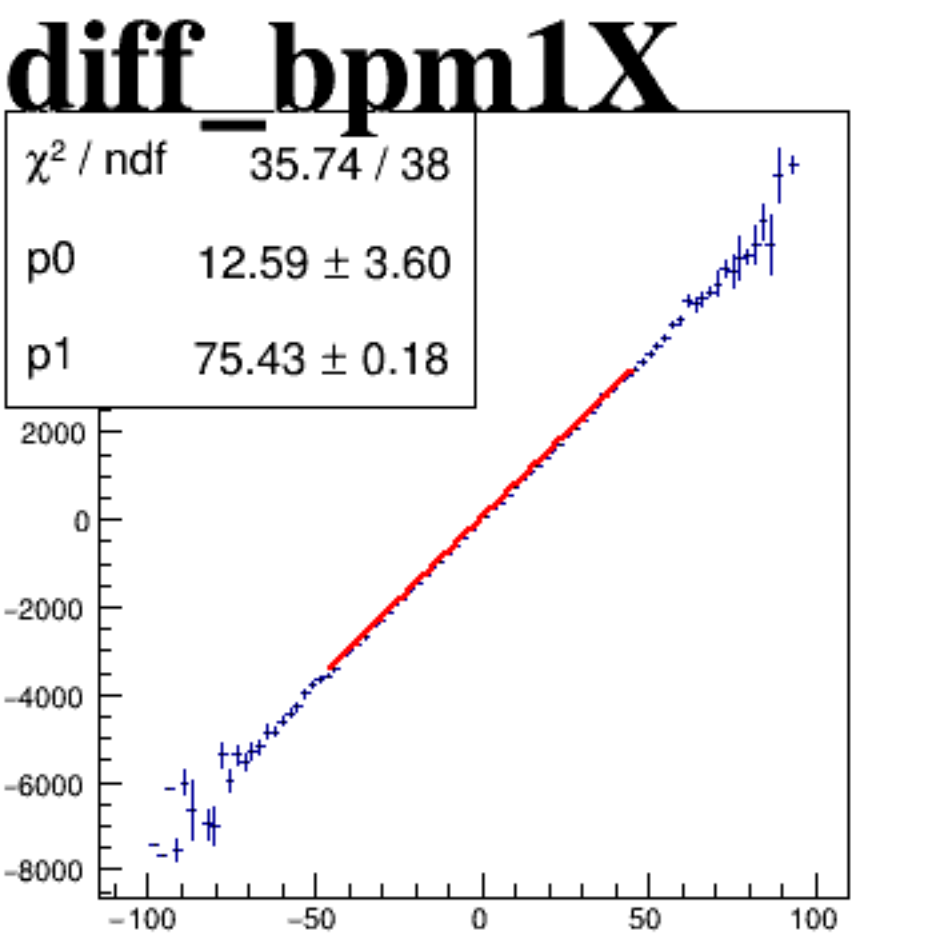
asym_sam2



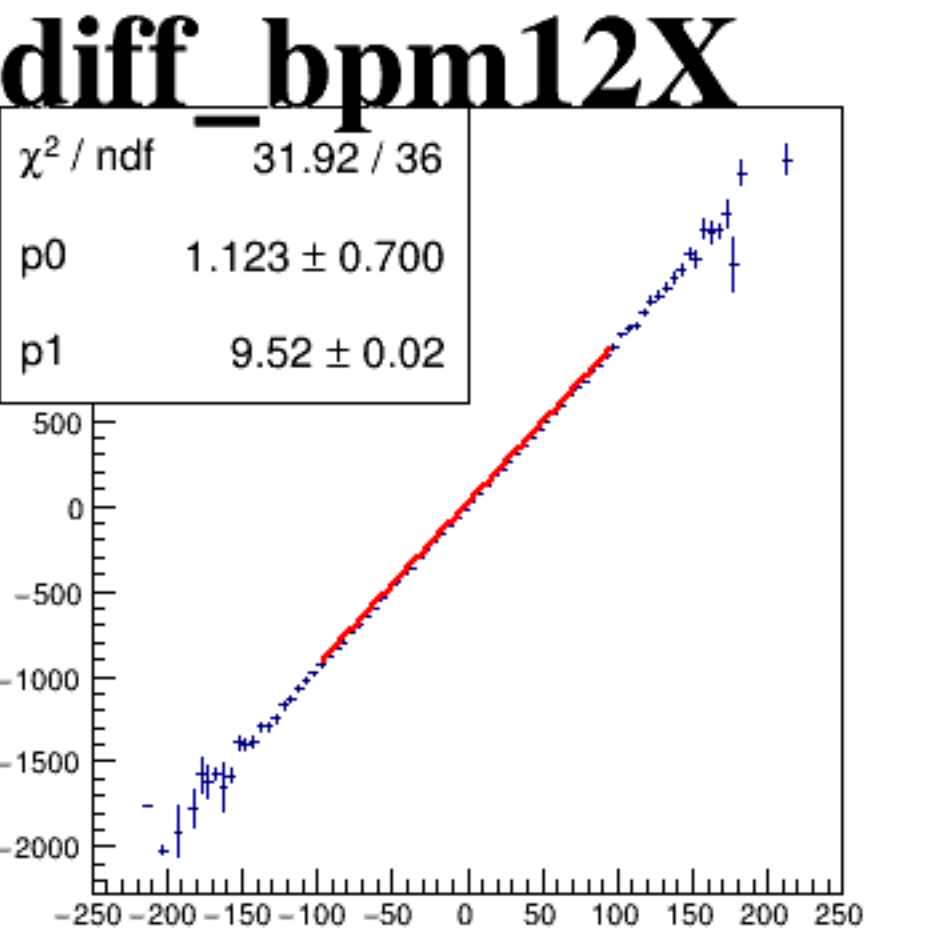
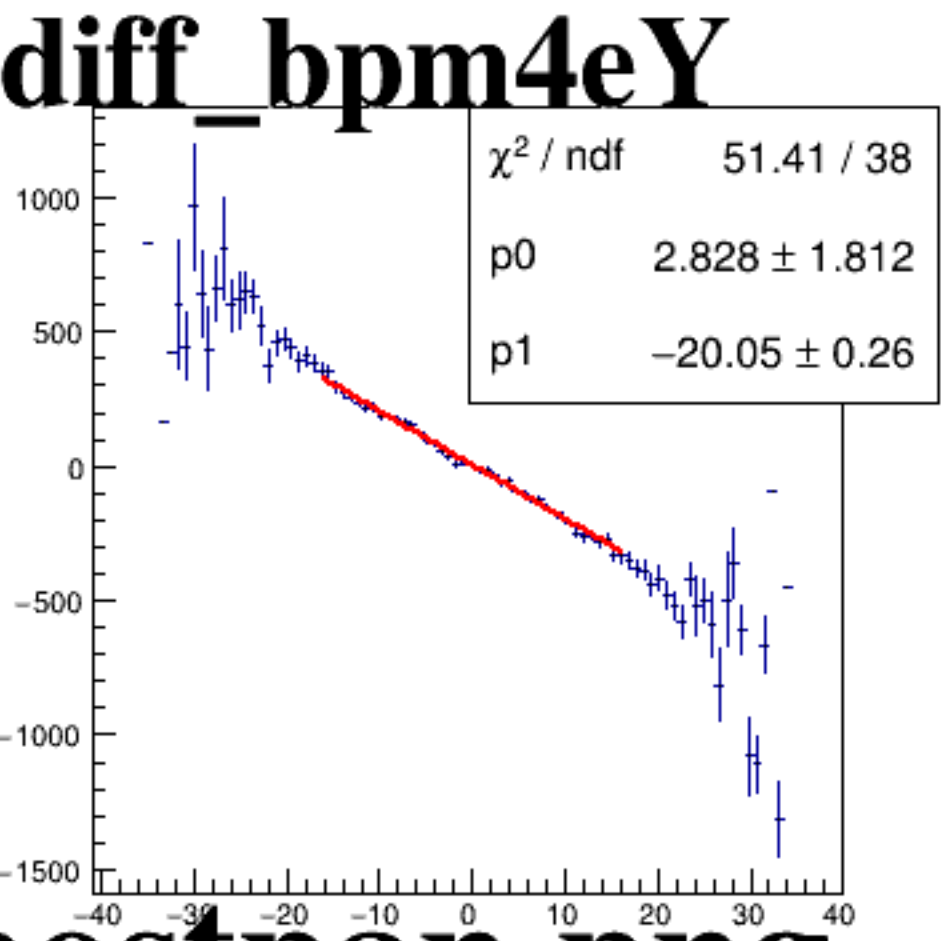
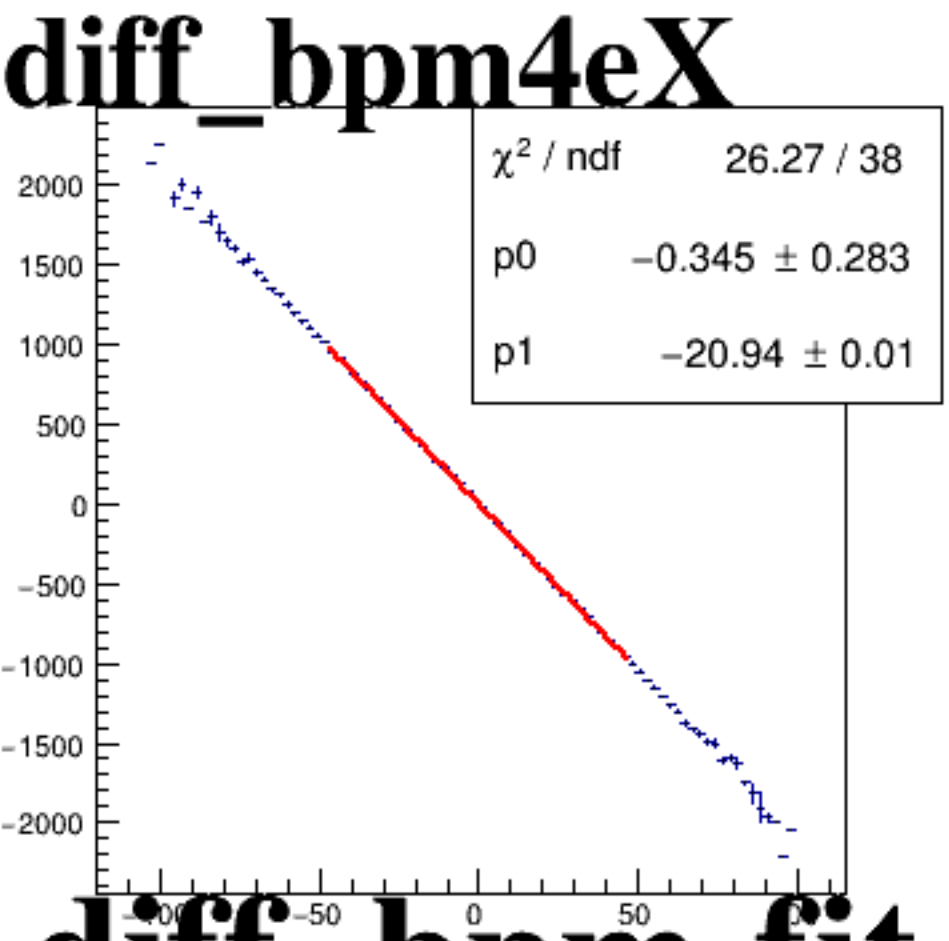
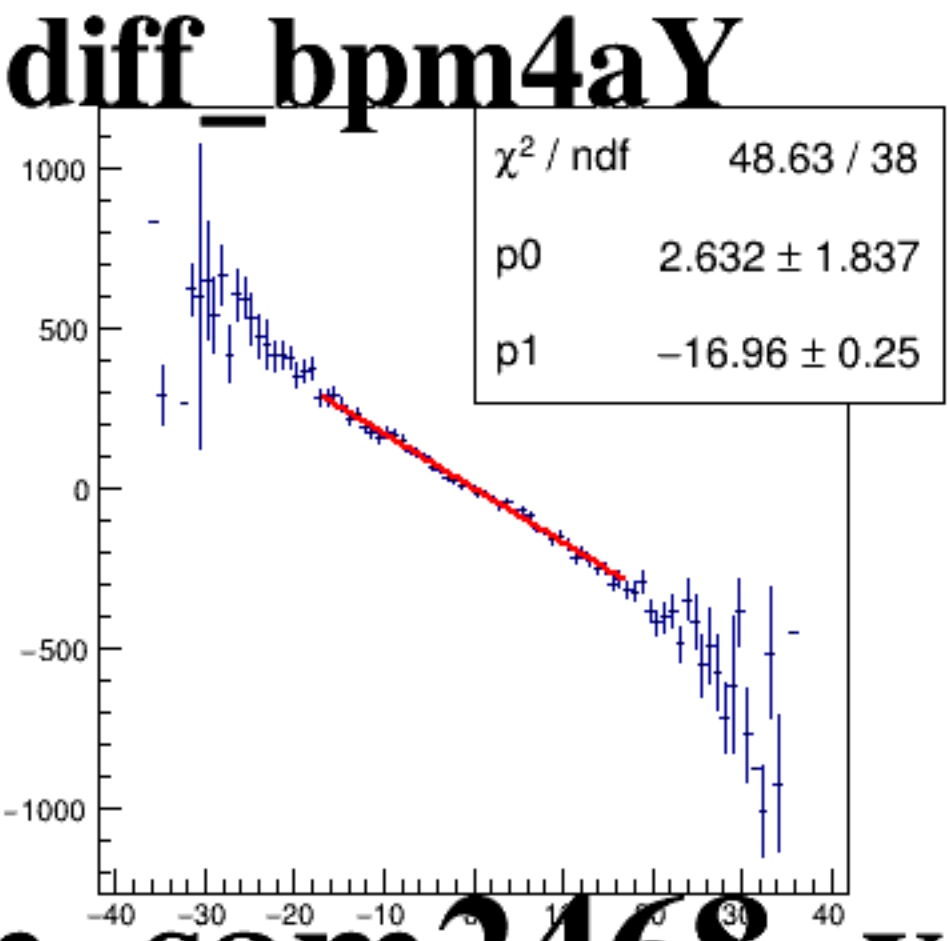
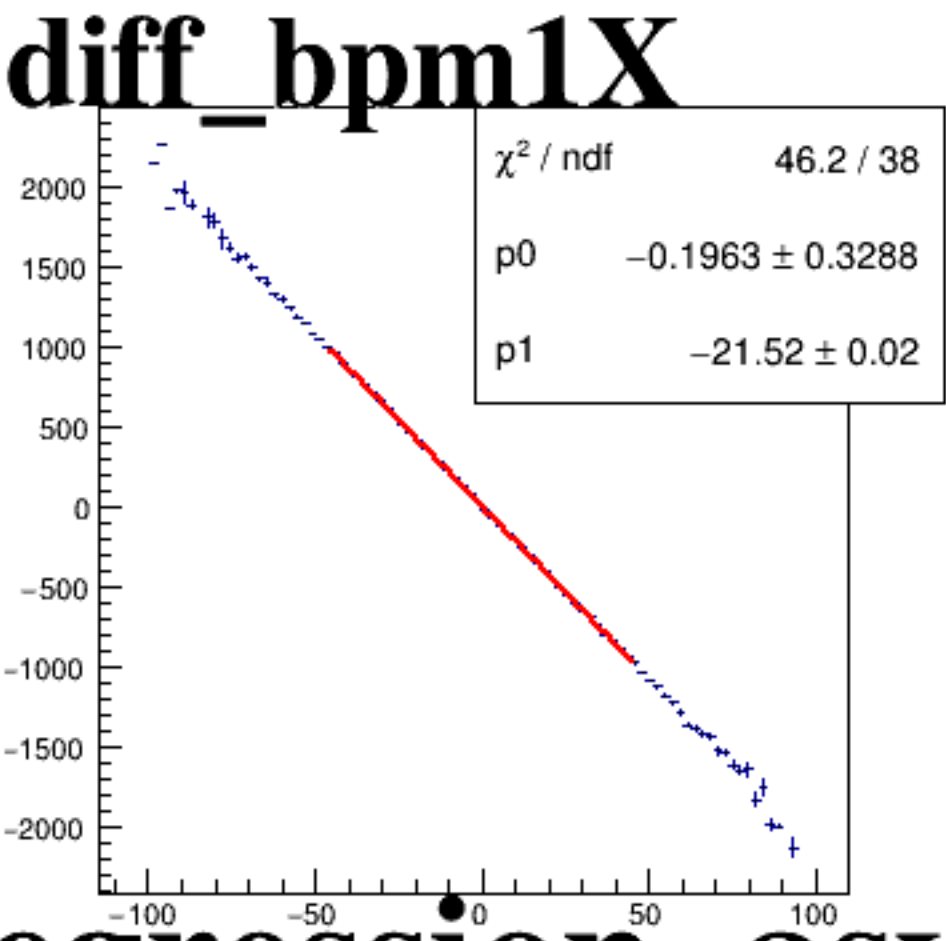
asym_sam4



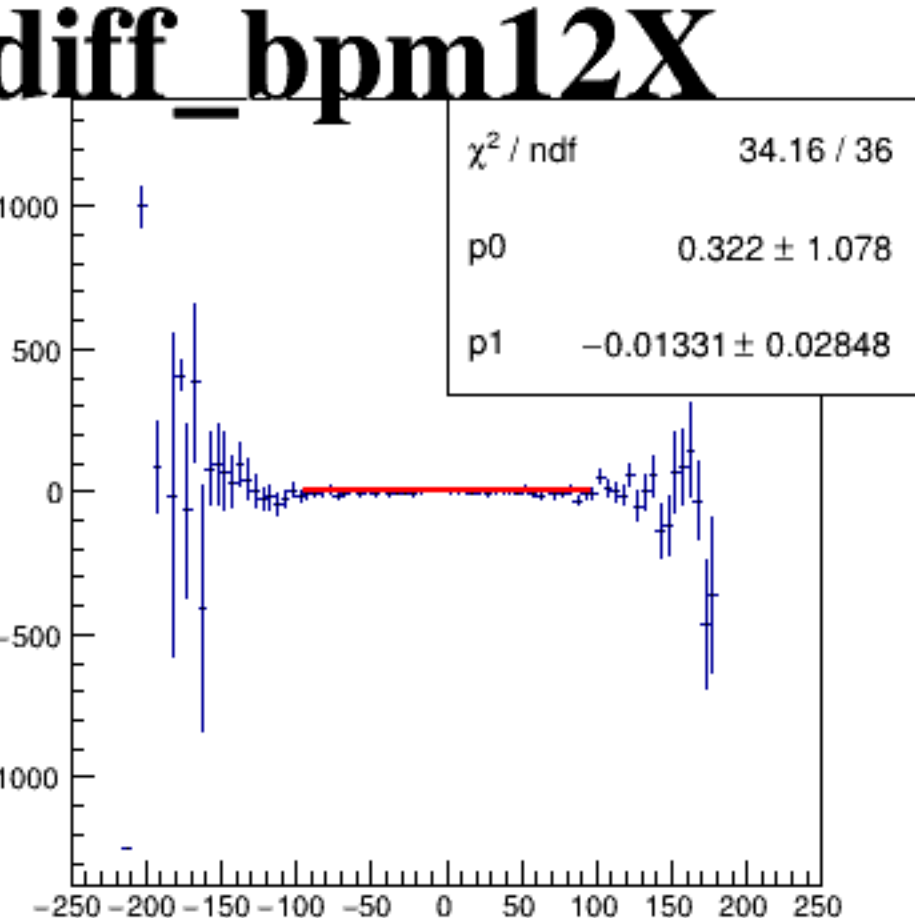
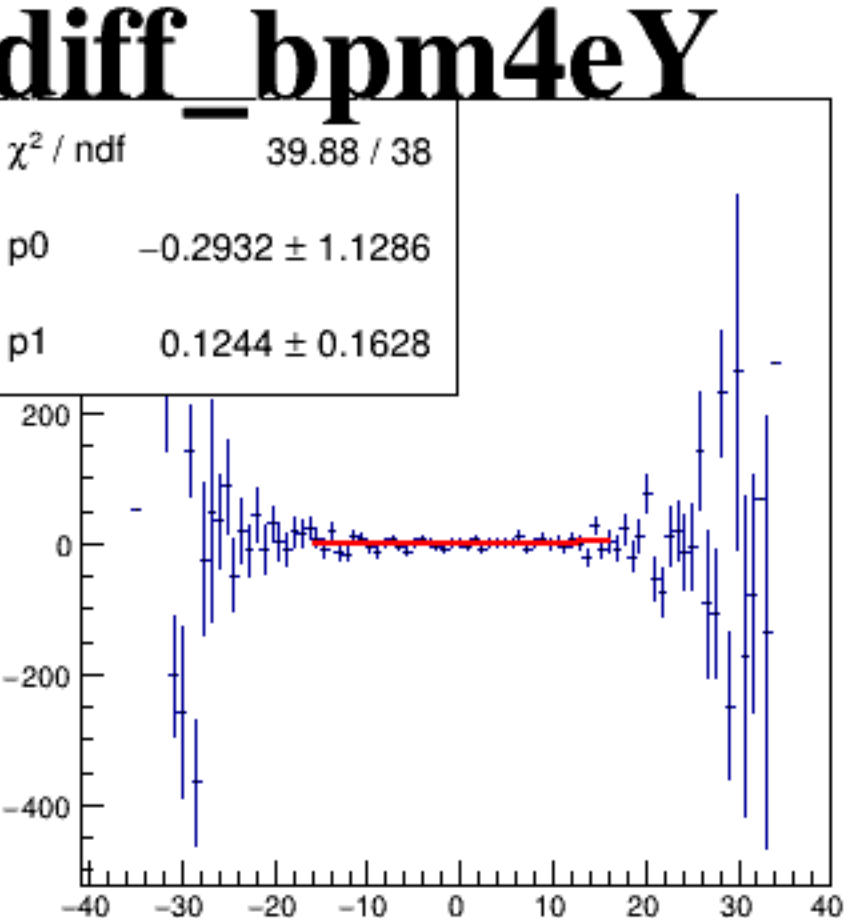
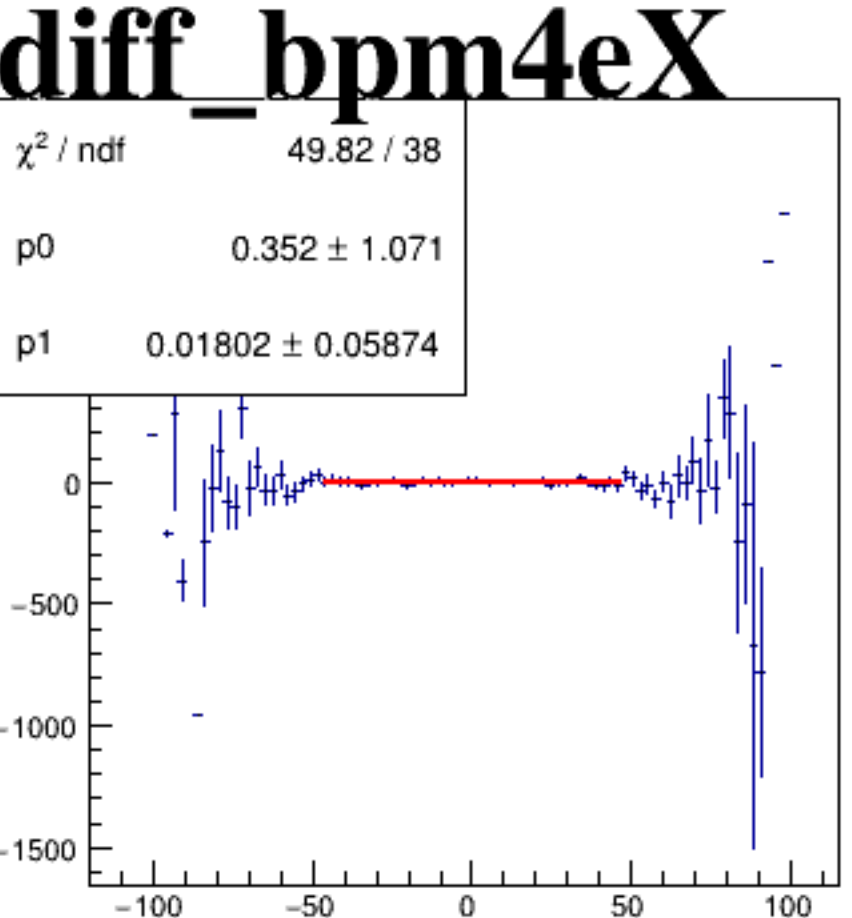
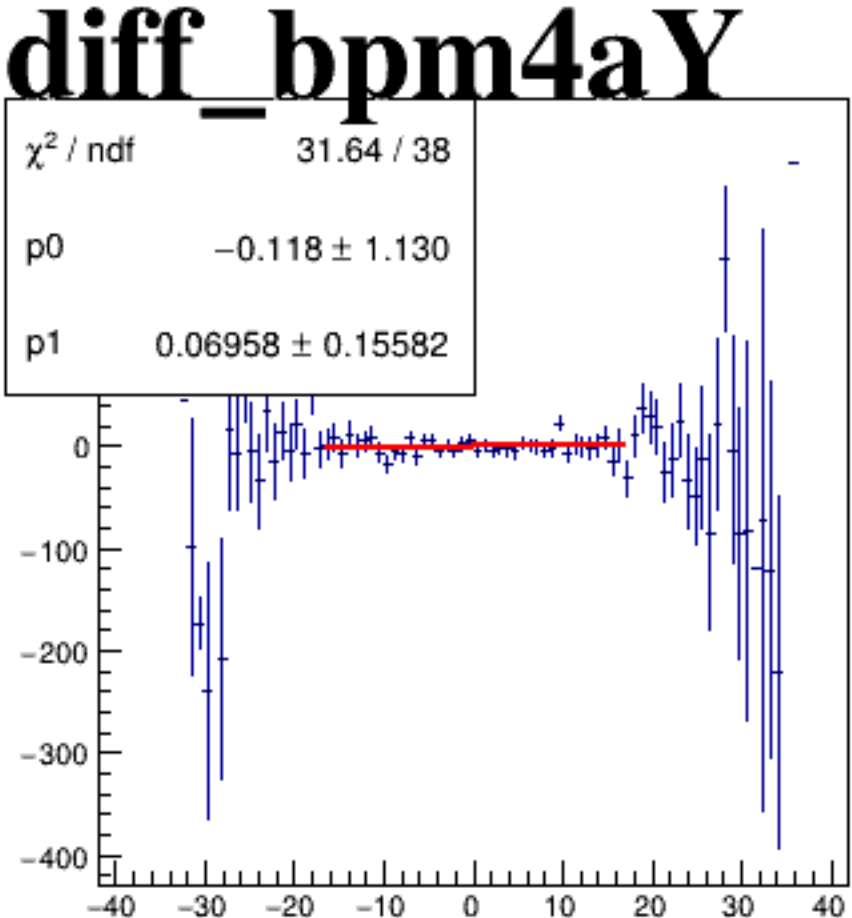
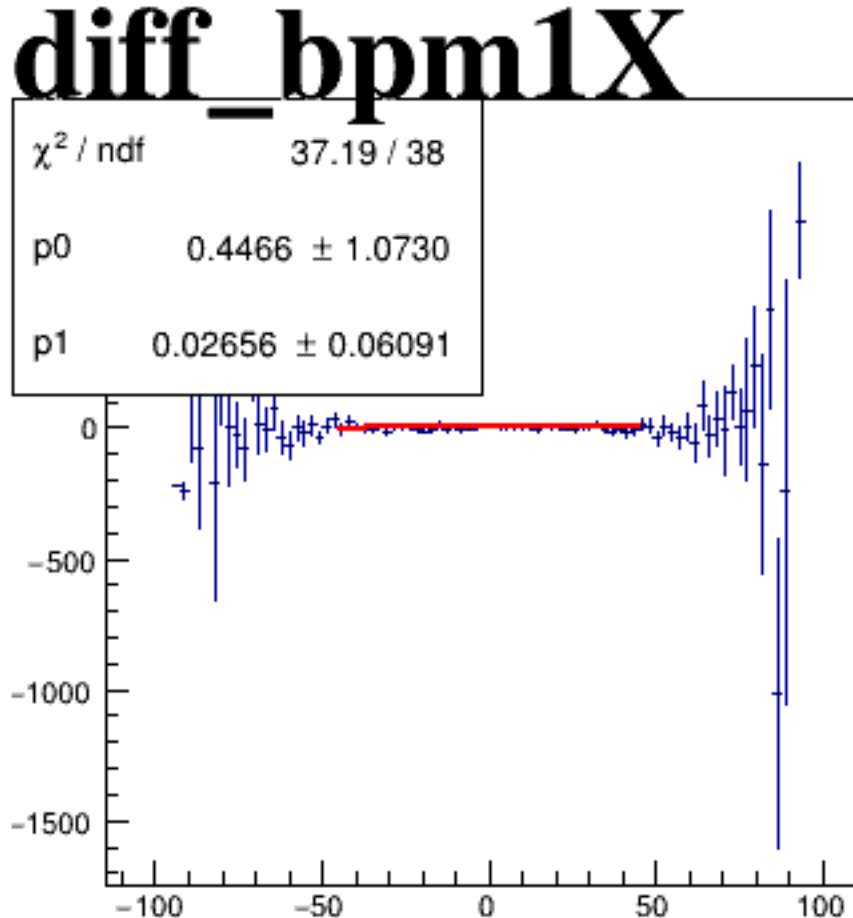
asym_sam6



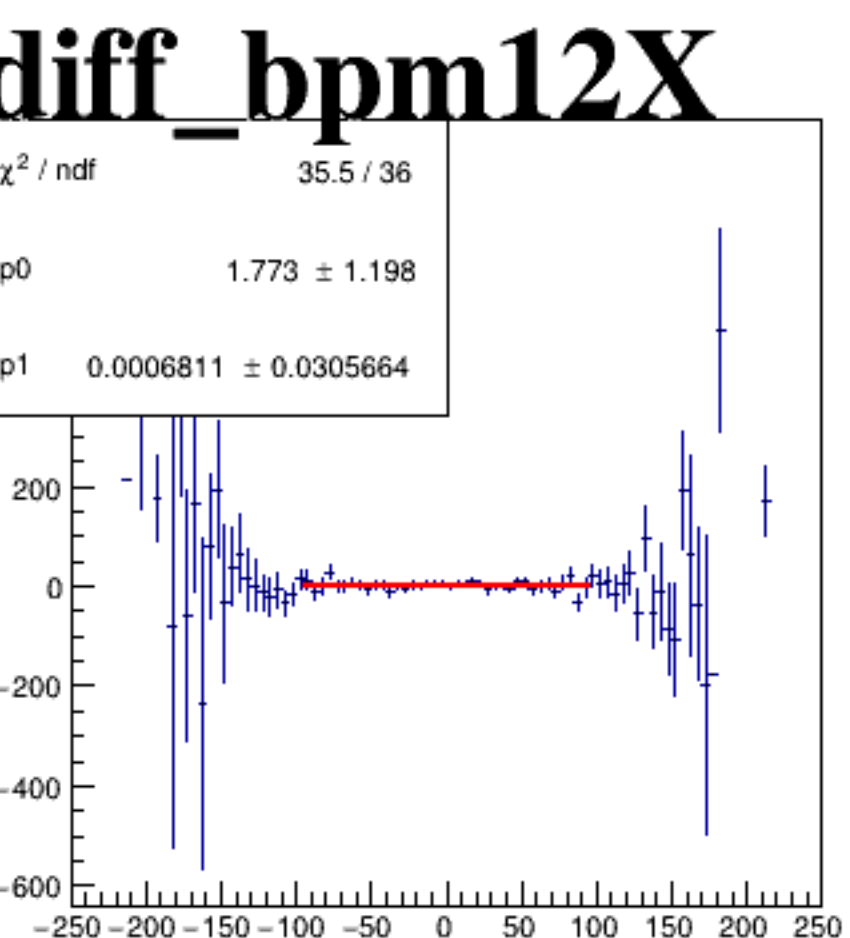
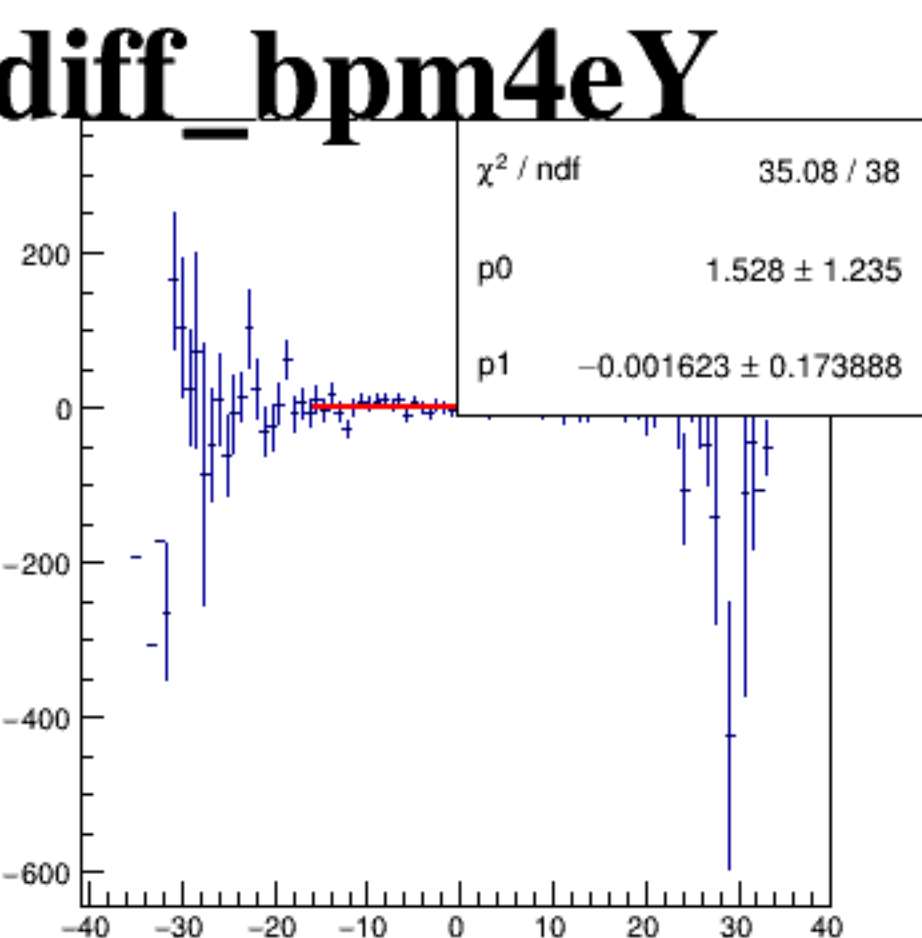
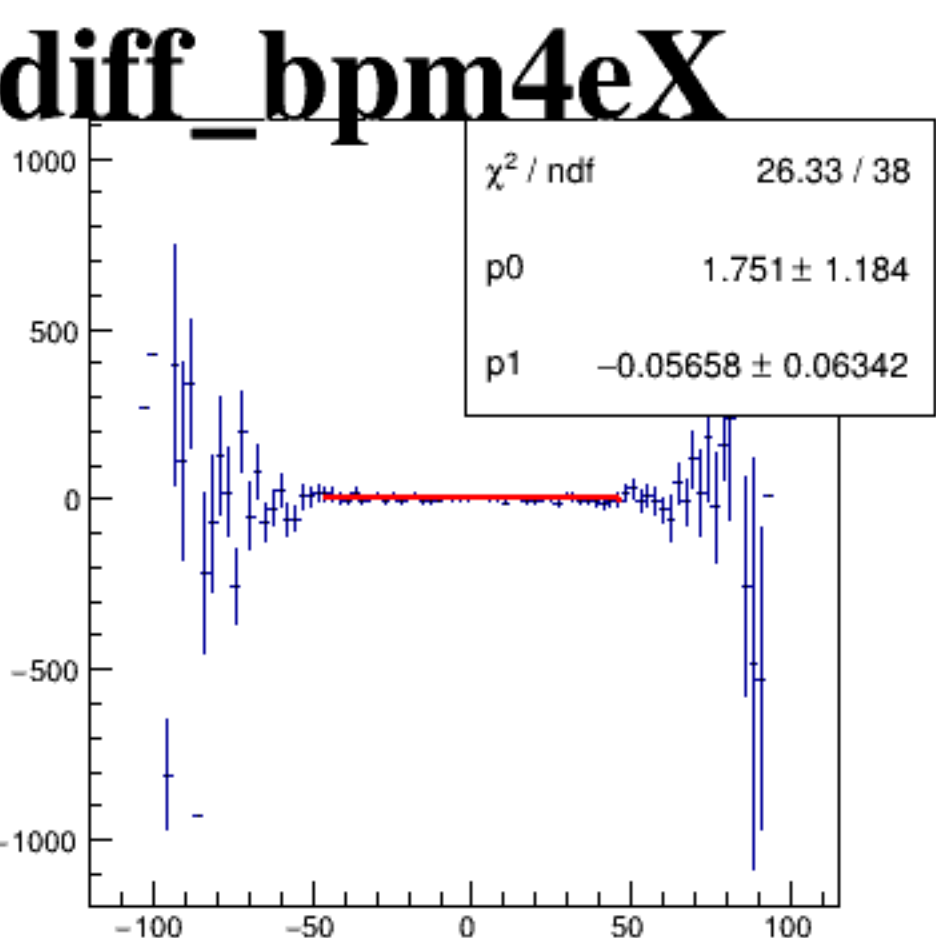
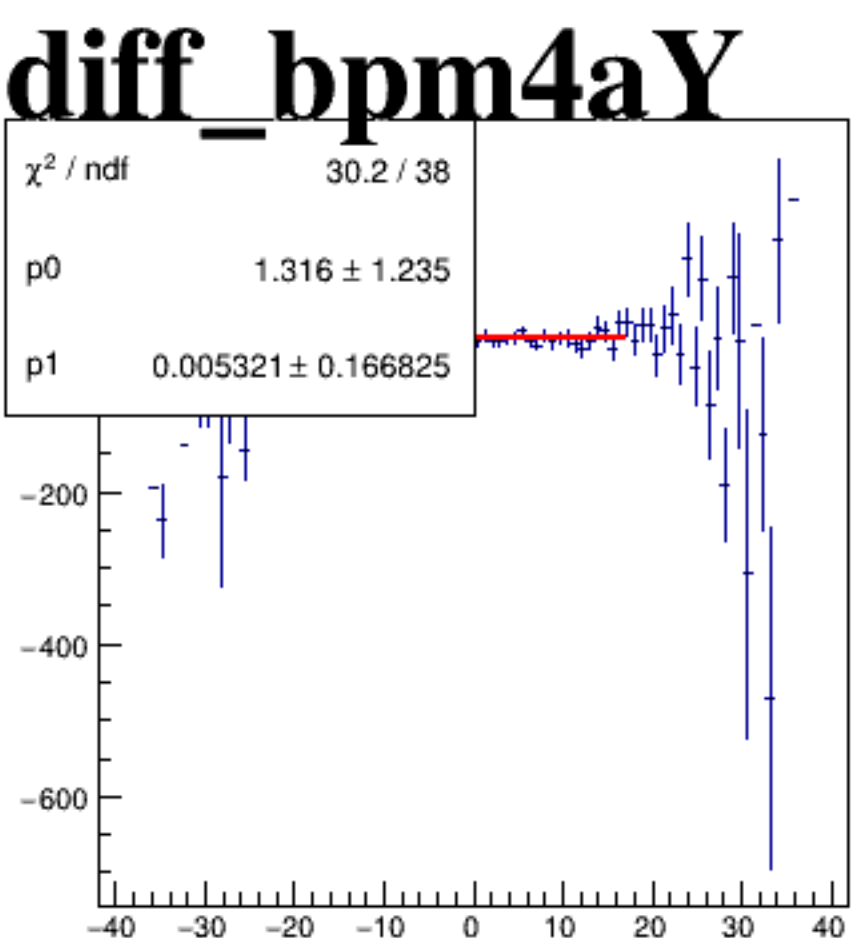
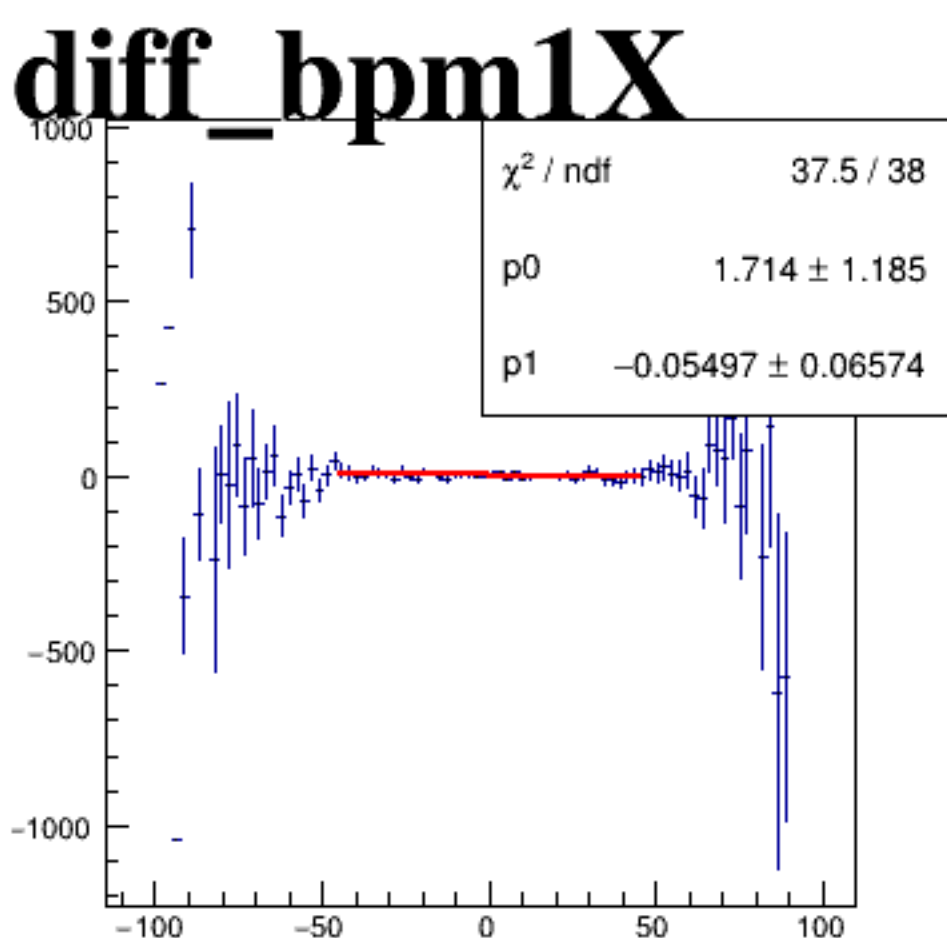
asym_sam8



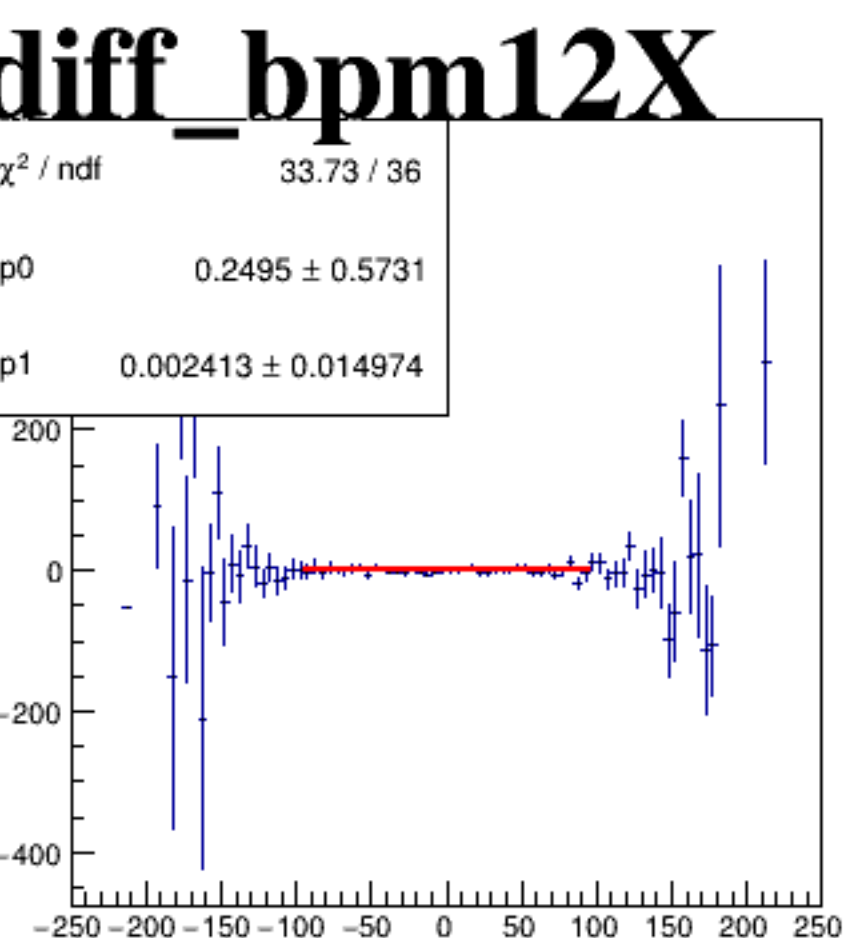
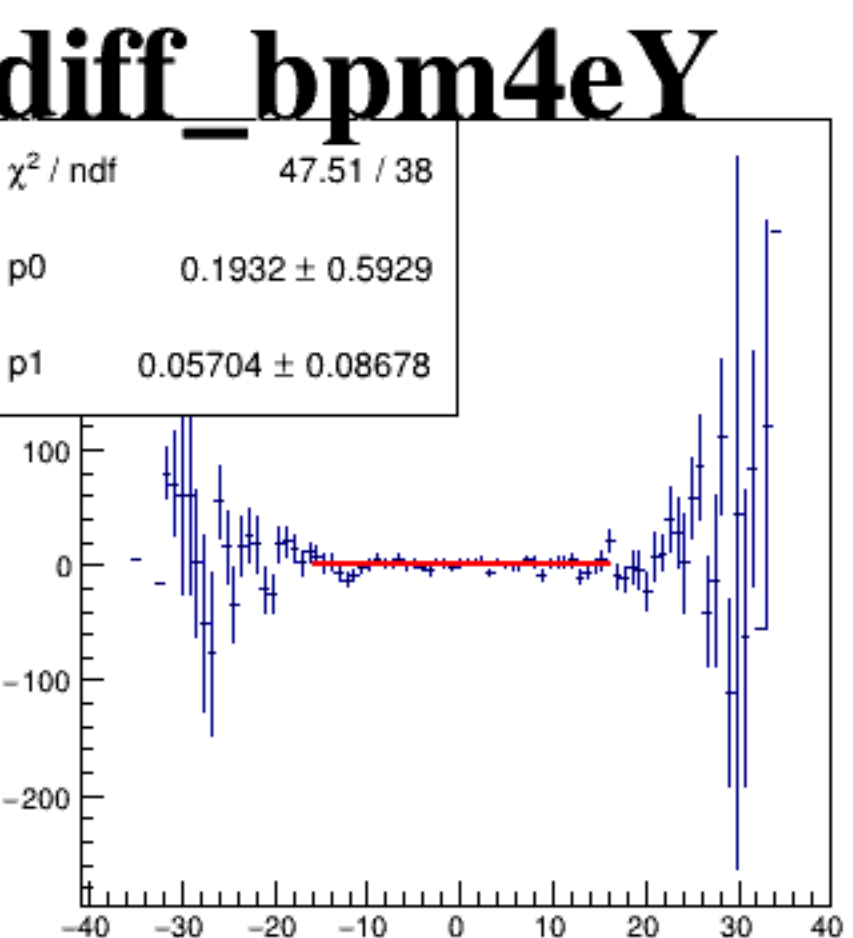
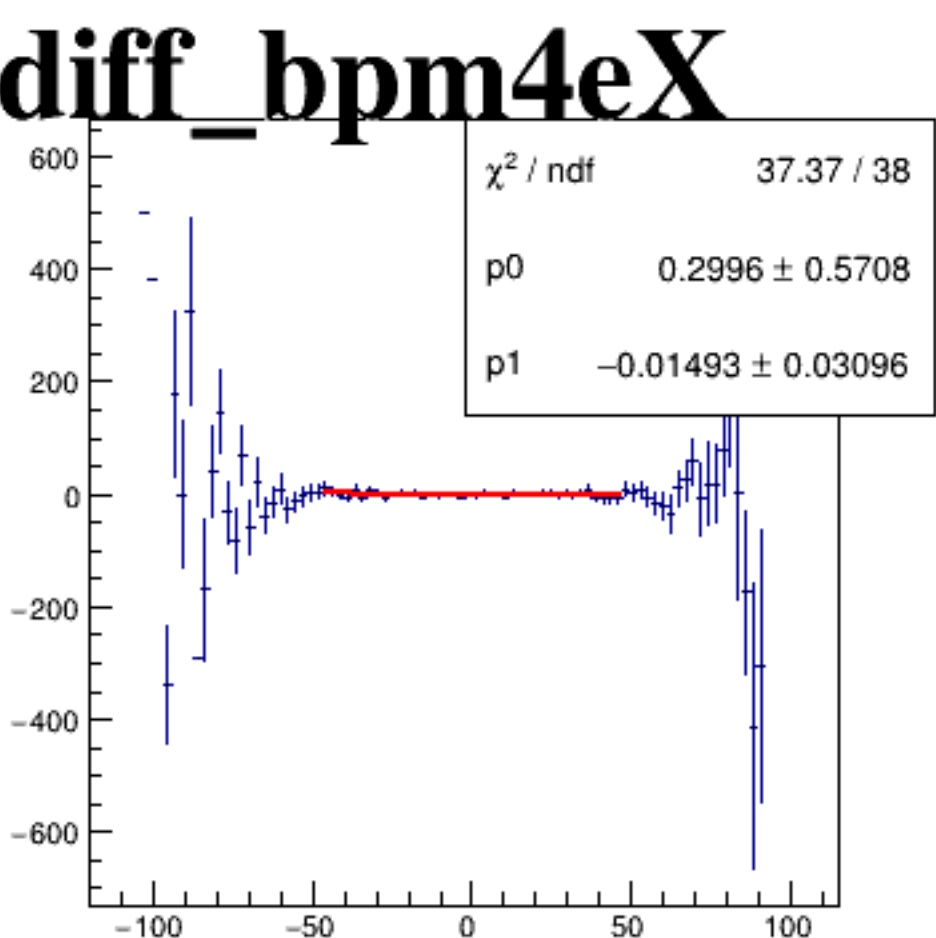
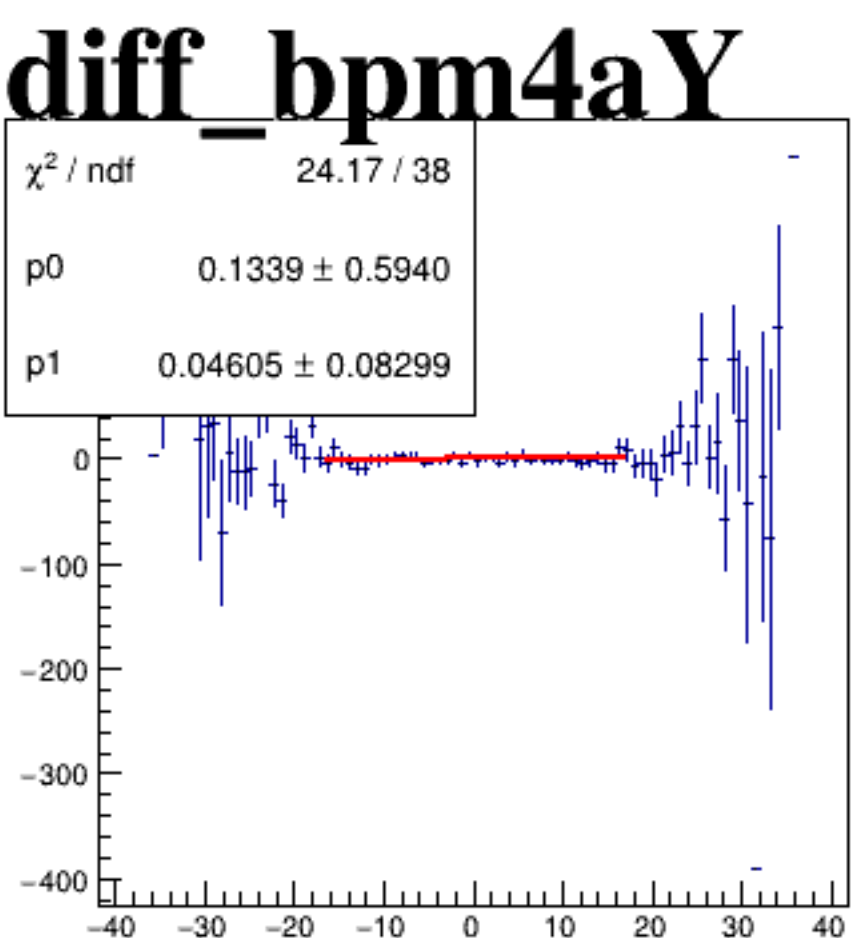
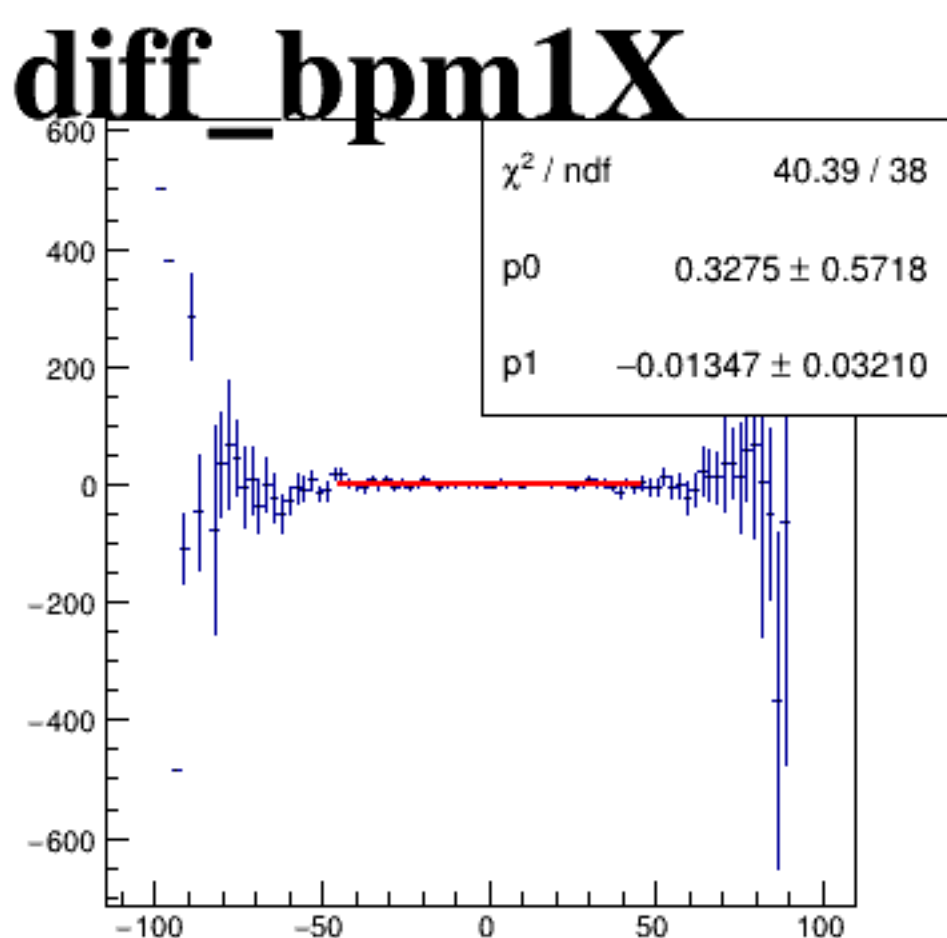
reg_asym_sam2



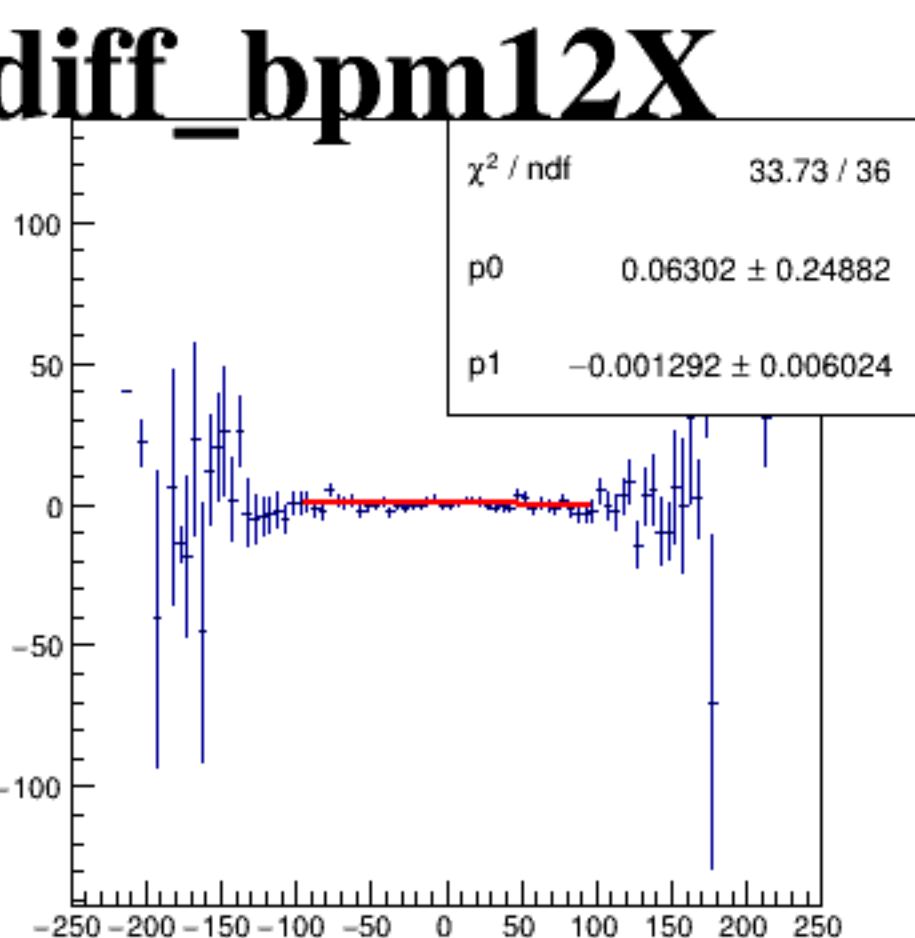
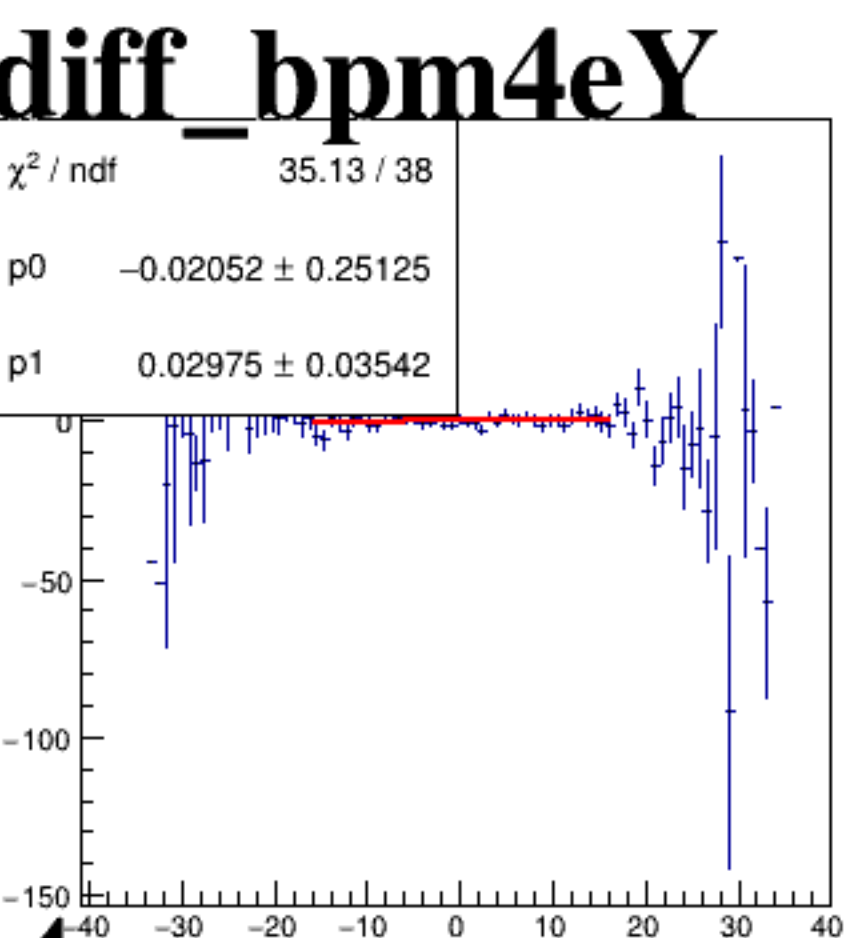
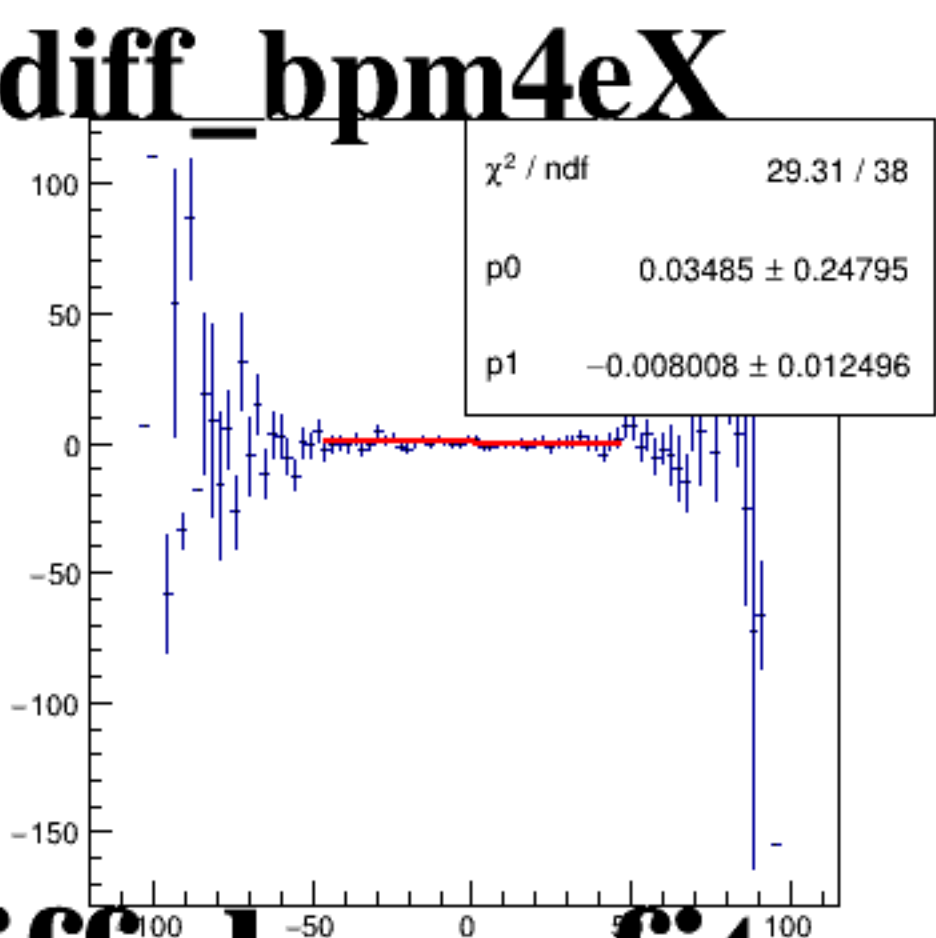
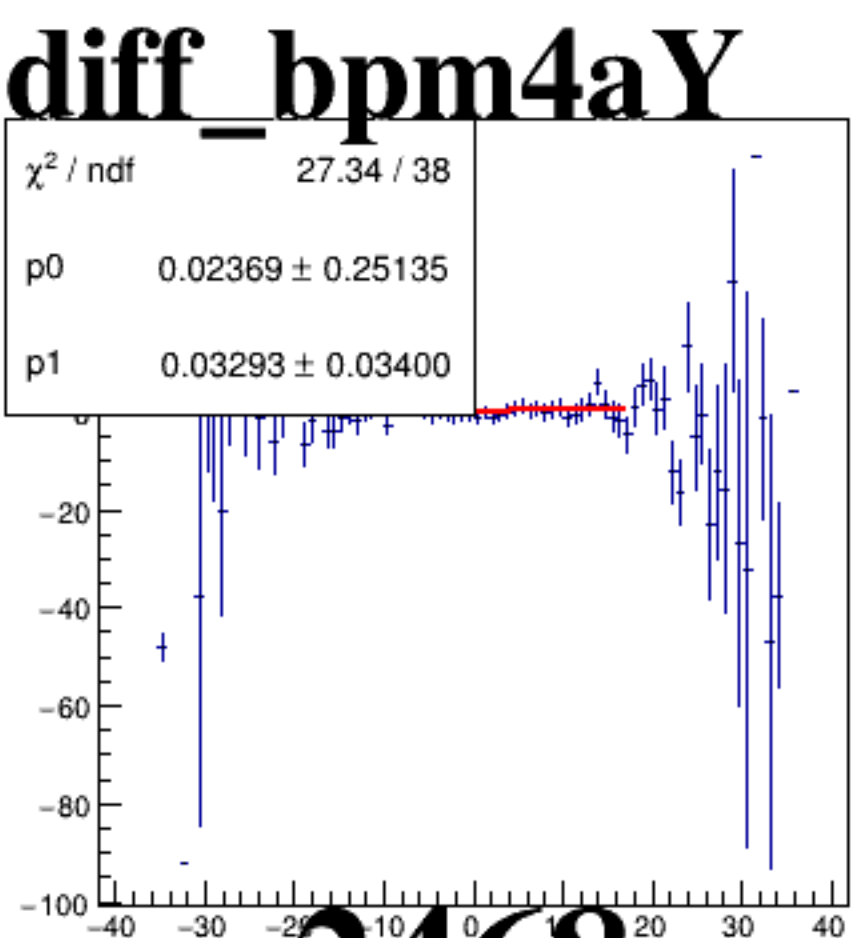
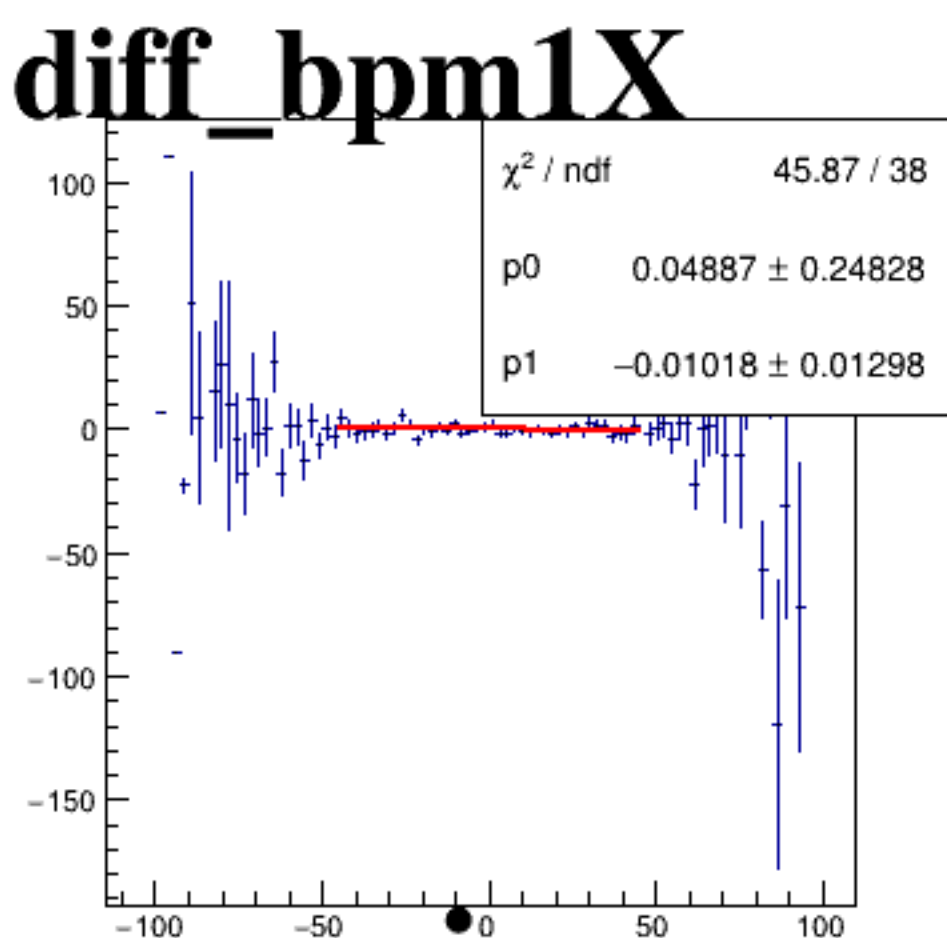
reg_asym_sam4



reg_asym_sam6



reg_asym_sam8

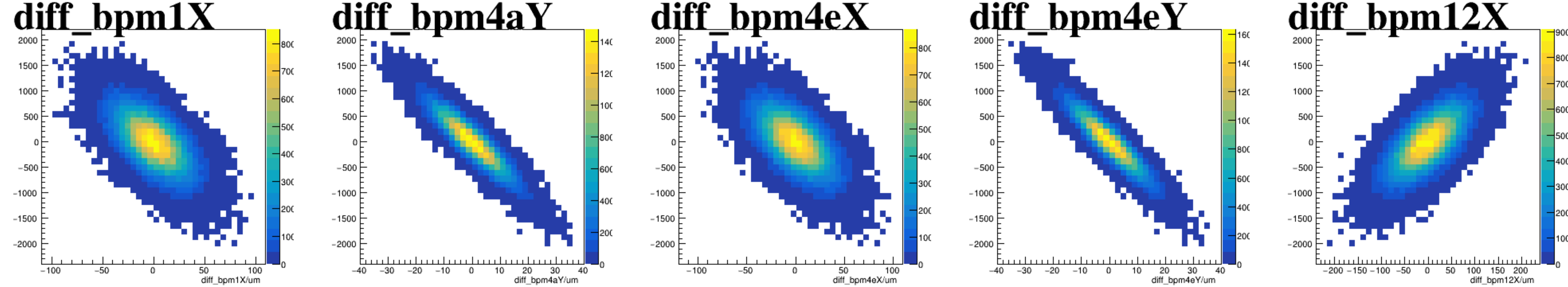


The figure displays five scatter plots, each representing the difference in beam position measurements (diff_bpm) for a specific beam size and position. The plots are arranged horizontally and labeled as follows:

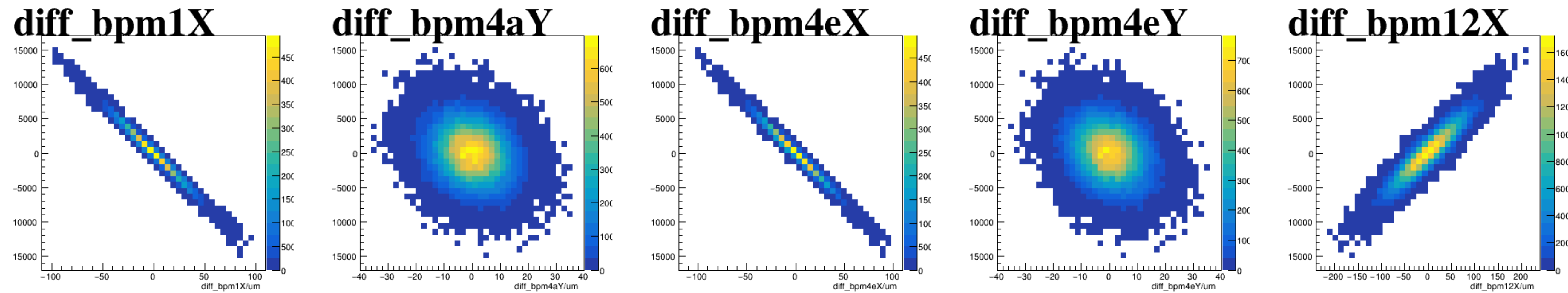
- diff_bpm1X**: The x-axis ranges from -100 to 100, and the y-axis ranges from -2000 to 2000. The data points are centered around zero.
- diff_bpm4aY**: The x-axis ranges from -40 to 40, and the y-axis ranges from -2000 to 2000. The data points are centered around zero.
- diff_bpm4eX**: The x-axis ranges from -100 to 100, and the y-axis ranges from -2000 to 2000. The data points are centered around zero.
- diff_bpm4eY**: The x-axis ranges from -40 to 40, and the y-axis ranges from -2000 to 2000. The data points are centered around zero.
- diff_bpm12X**: The x-axis ranges from -200 to 200, and the y-axis ranges from -2000 to 2000. The data points are centered around zero.

In all plots, the data points form a dense, roughly circular cloud centered at the origin (0,0), indicating that the difference in beam position measurements is generally small and consistent across the range of beam sizes and positions shown.

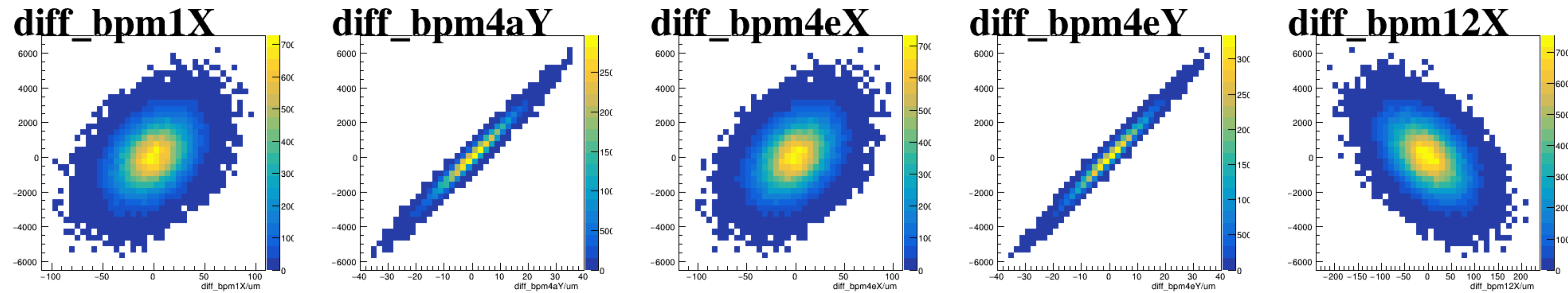
asym_sam1



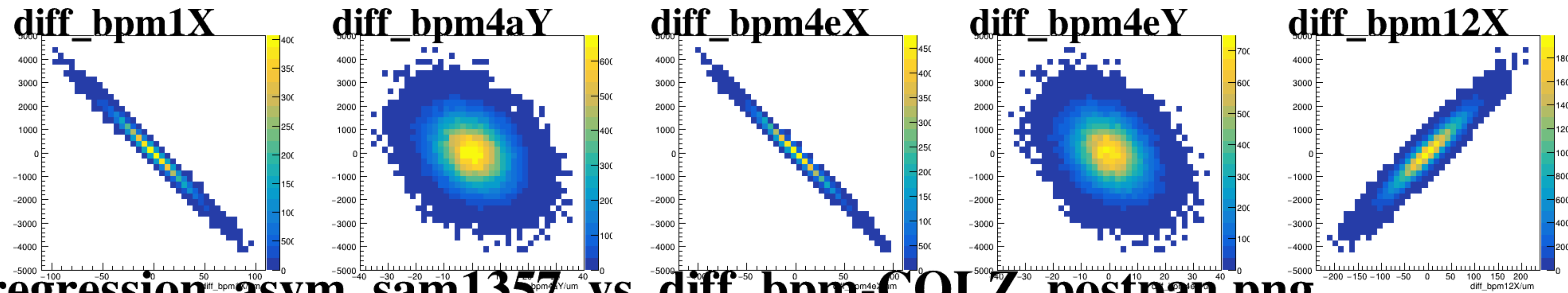
asym_sam3



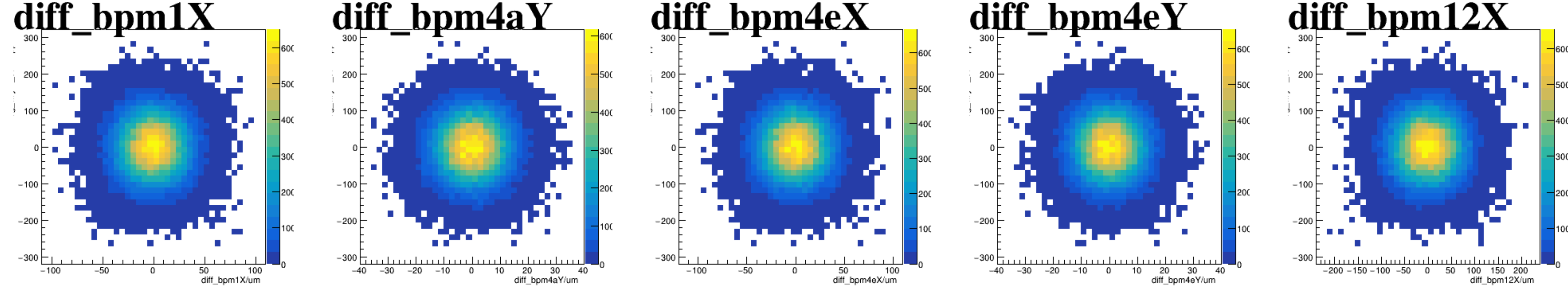
asym_sam5



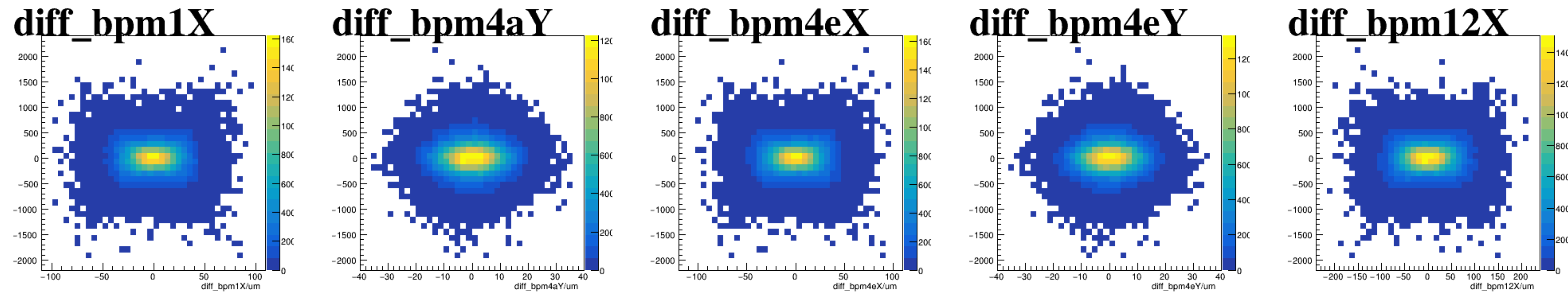
asym_sam7



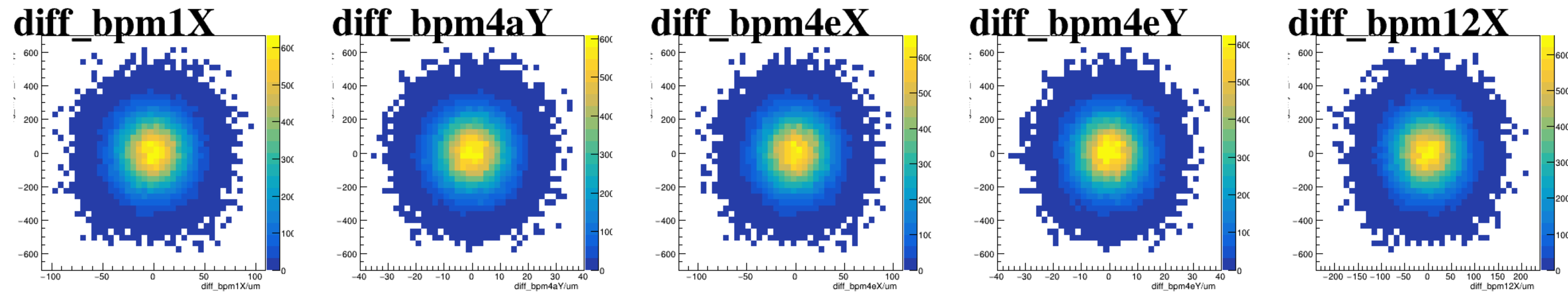
reg_asym_sam1



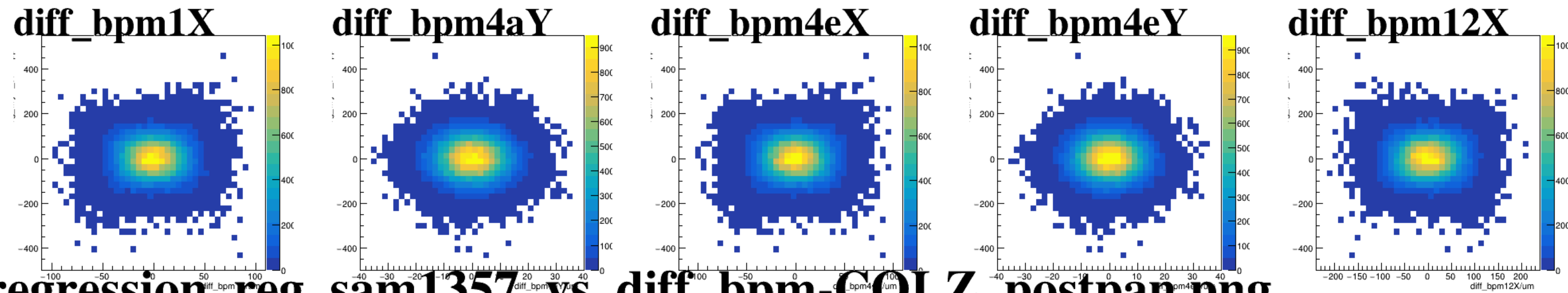
reg_asym_sam3



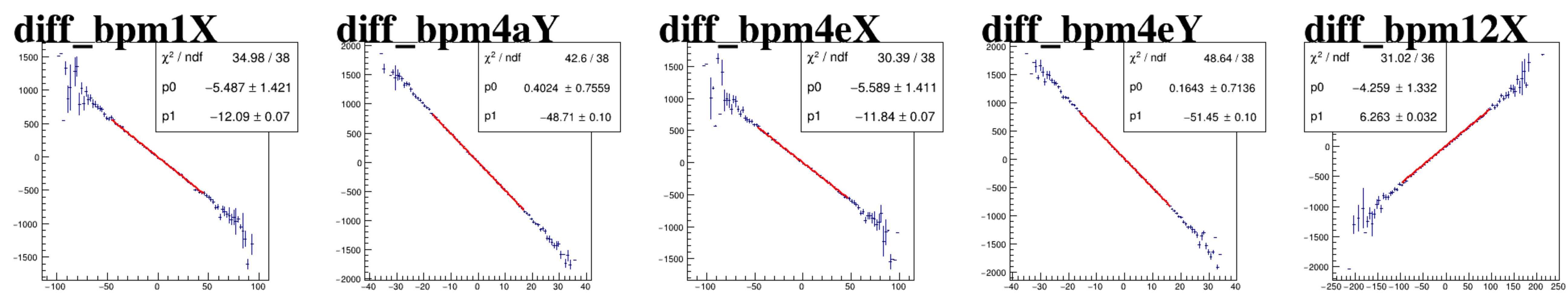
reg_asym_sam5



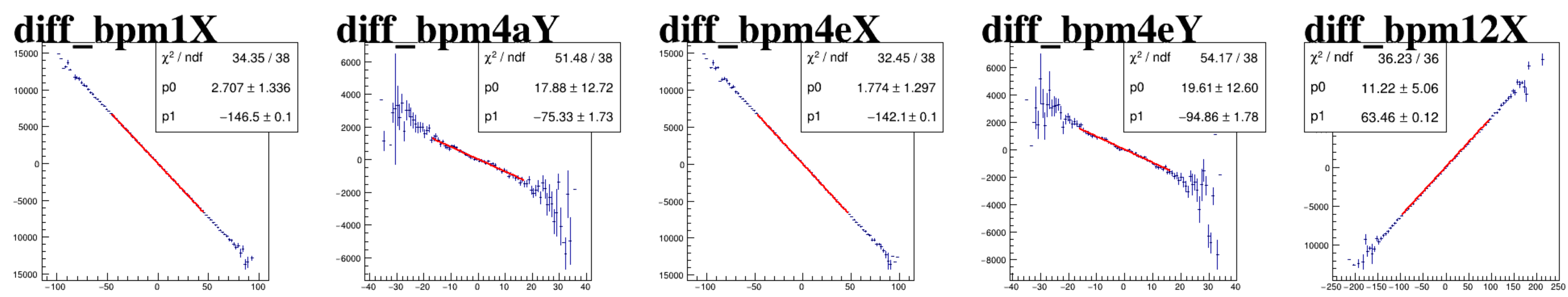
reg_asym_sam7



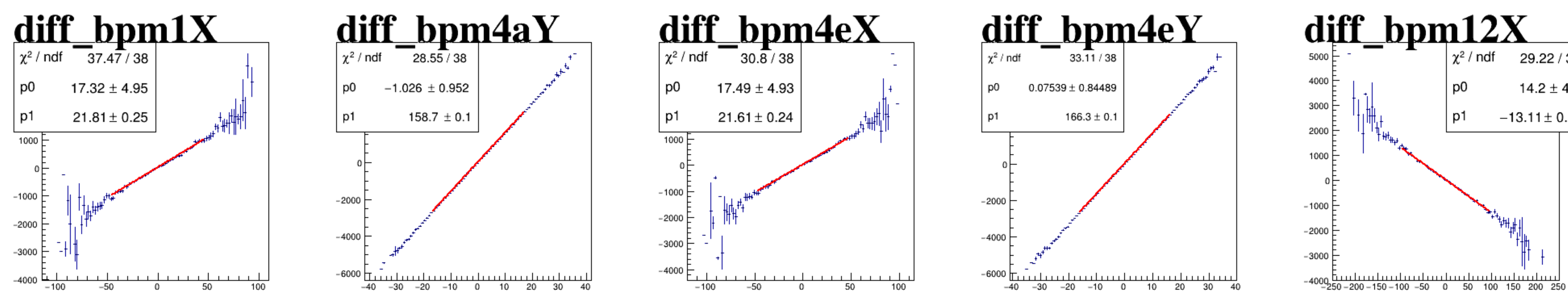
asym_sam1



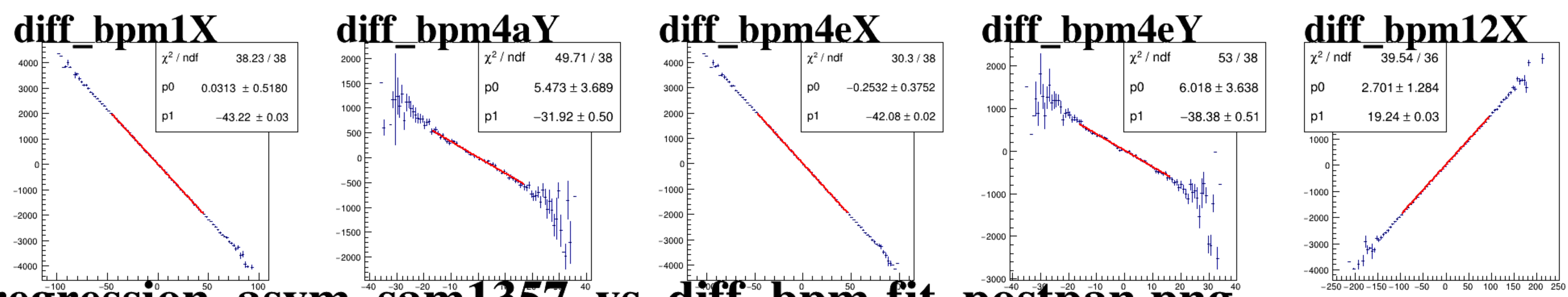
asym_sam3



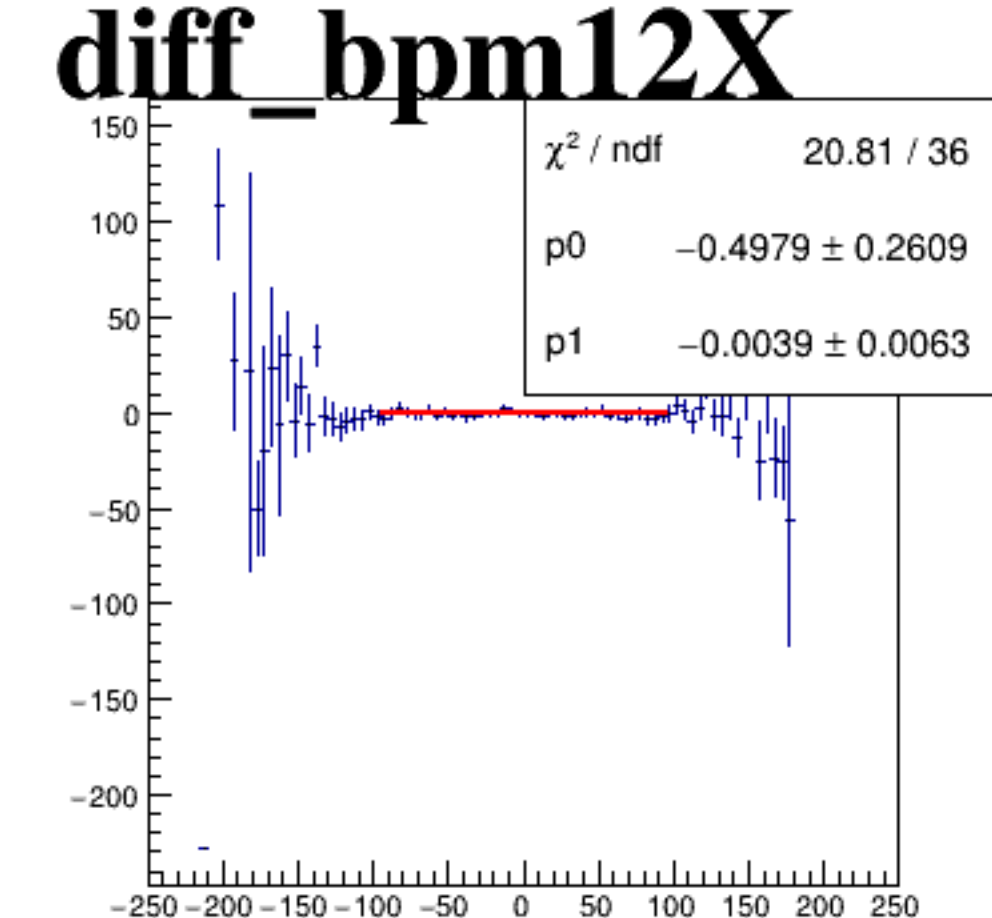
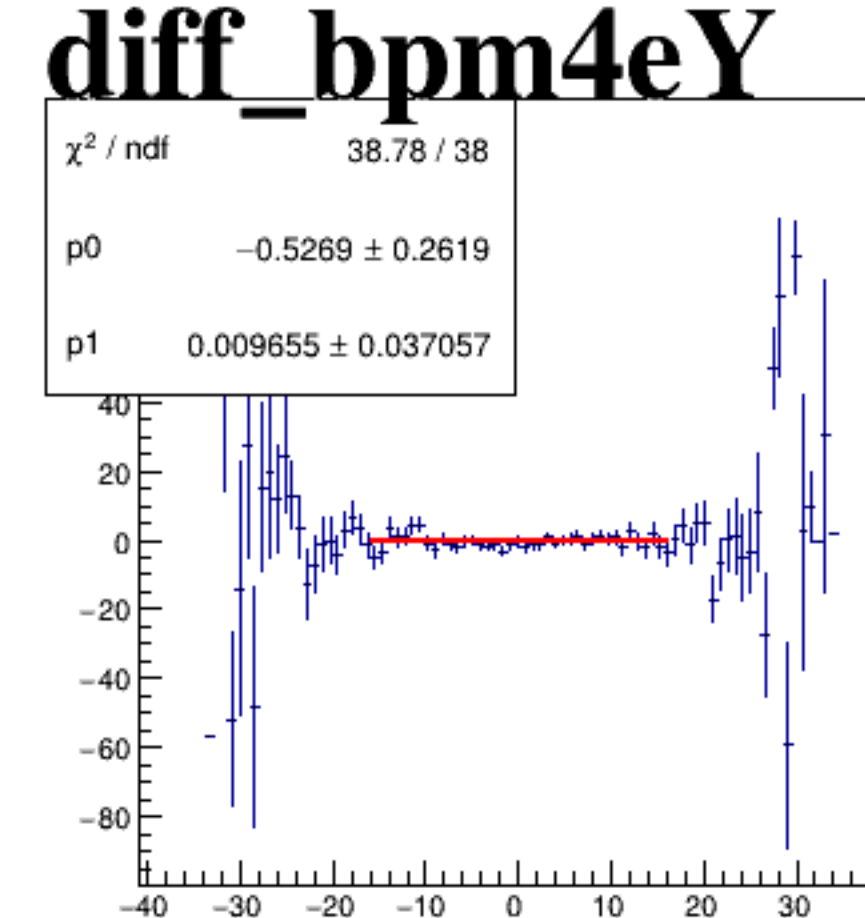
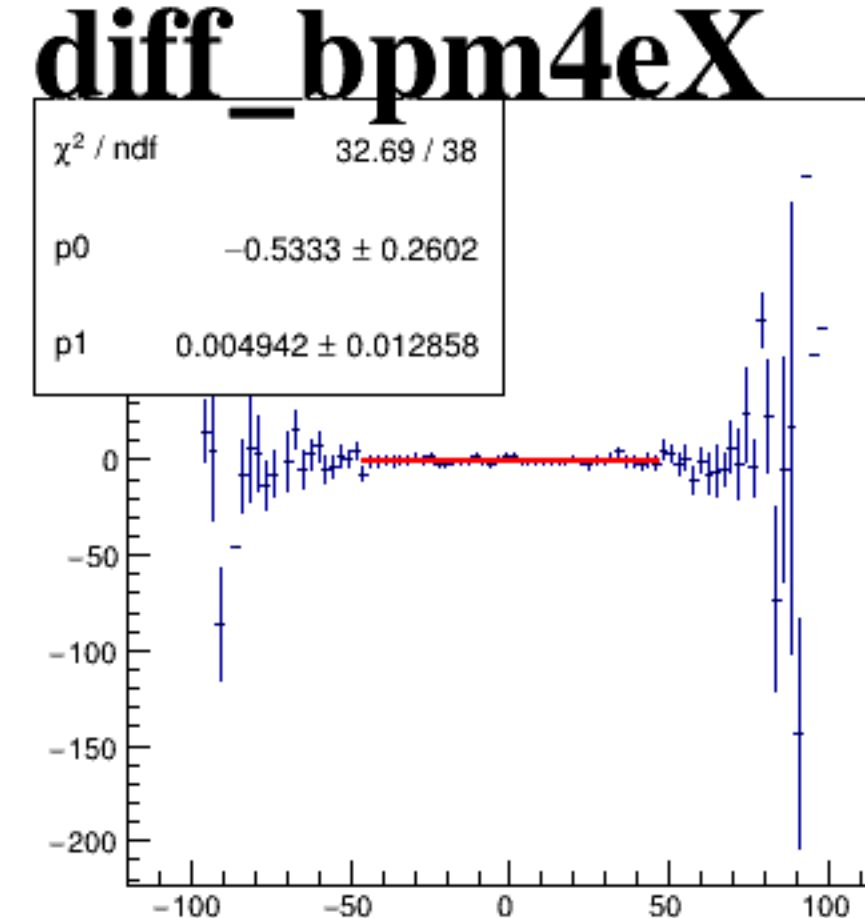
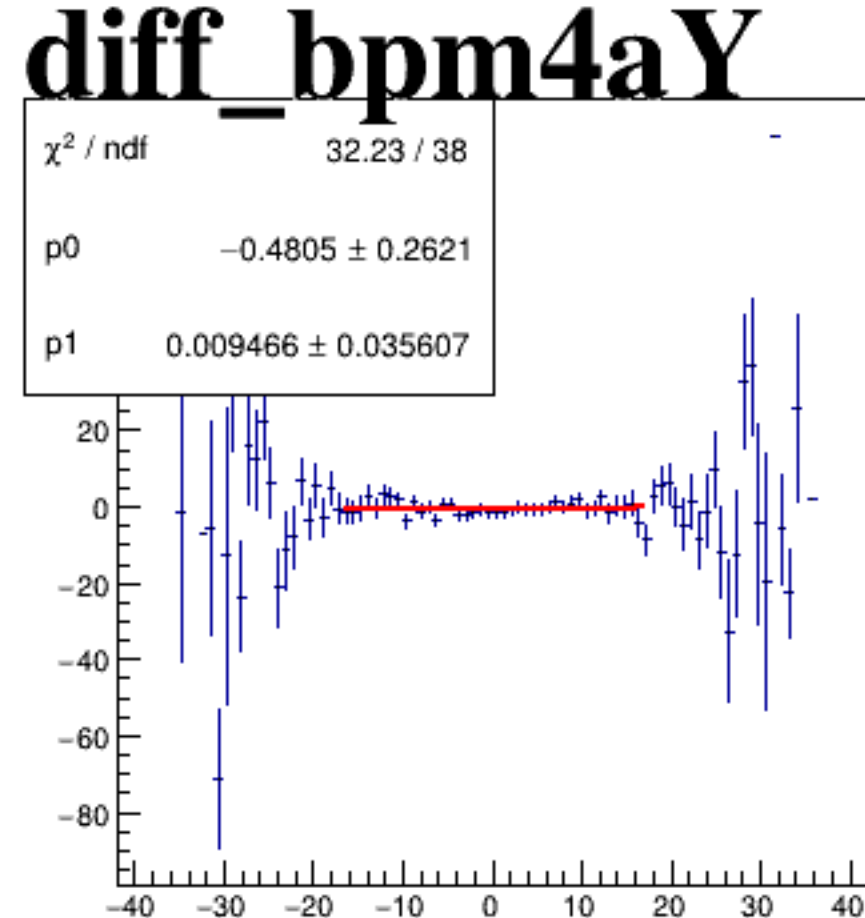
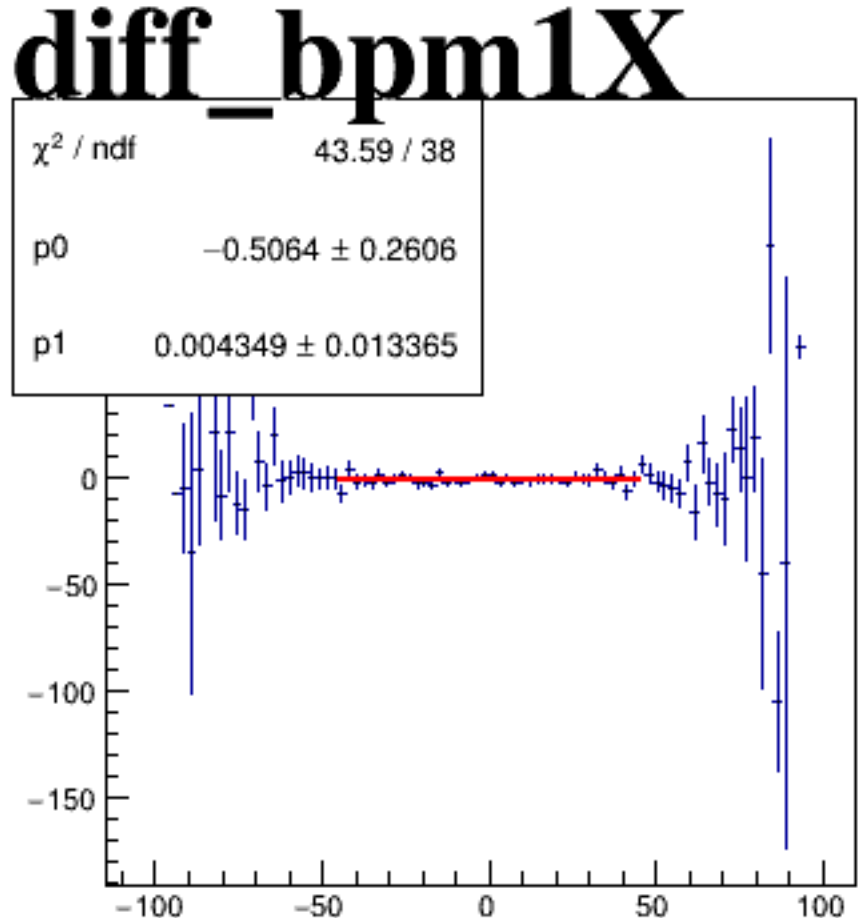
asym_sam5



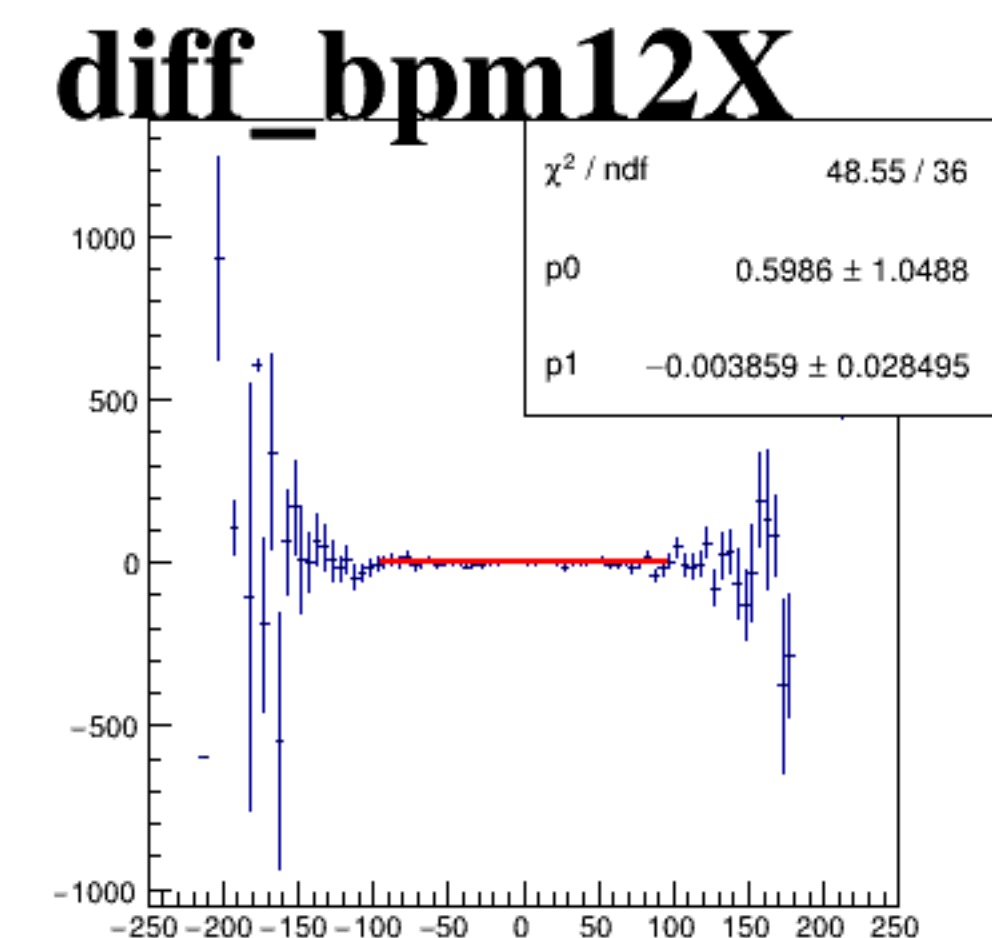
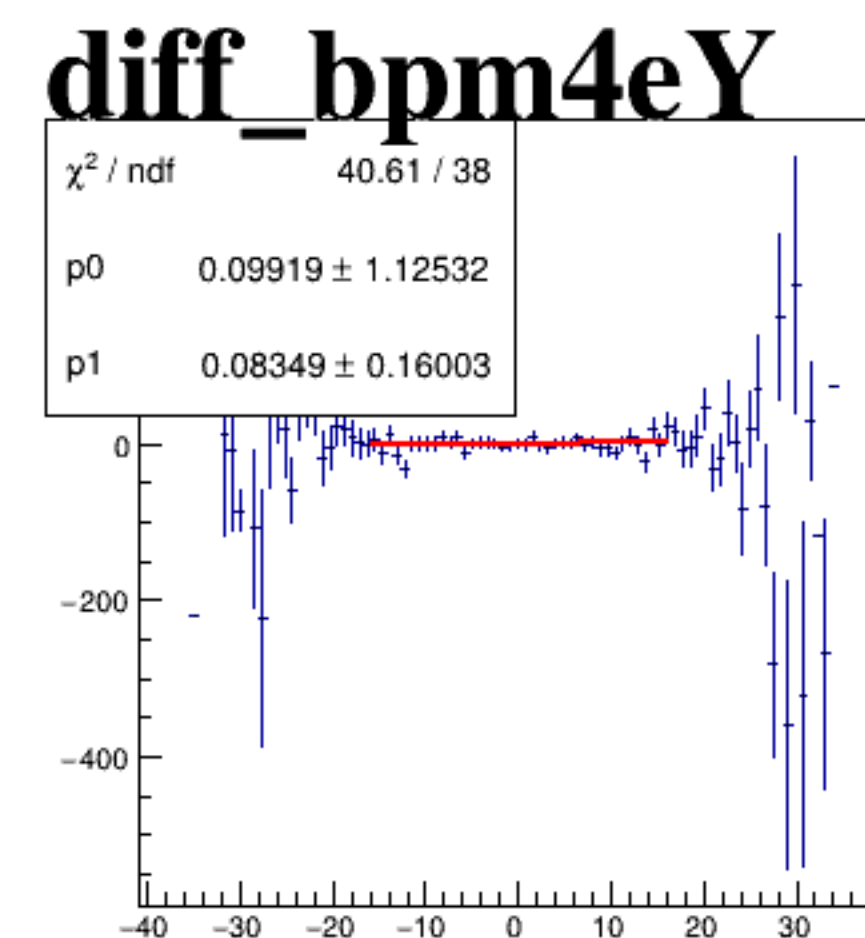
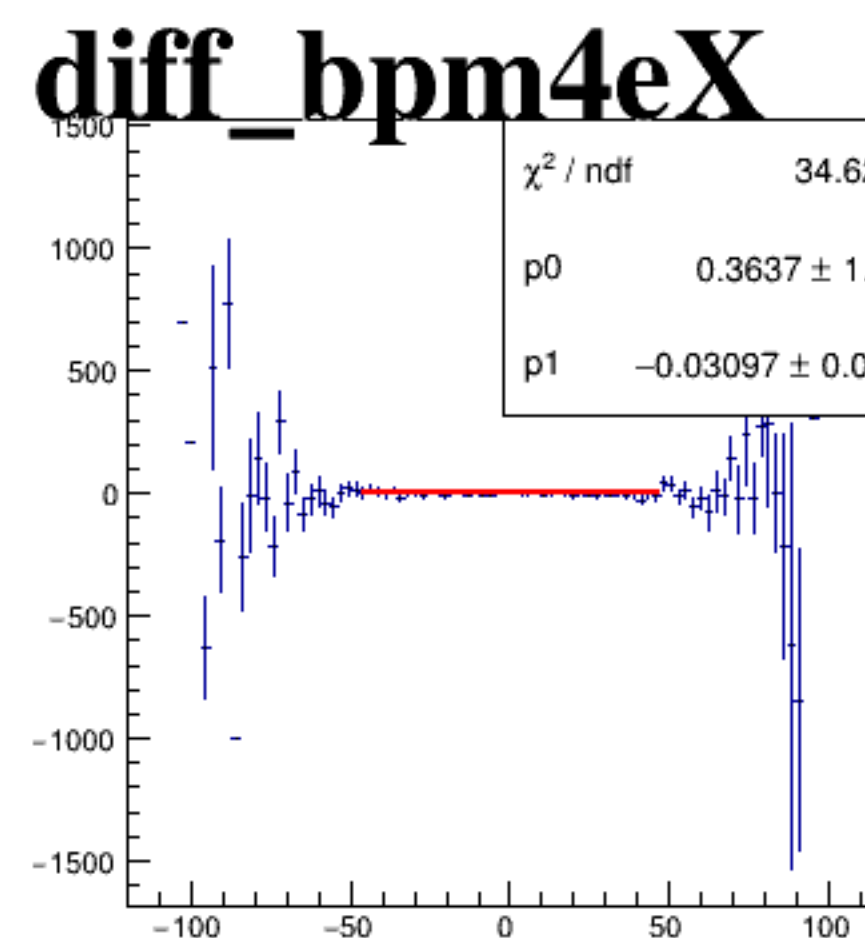
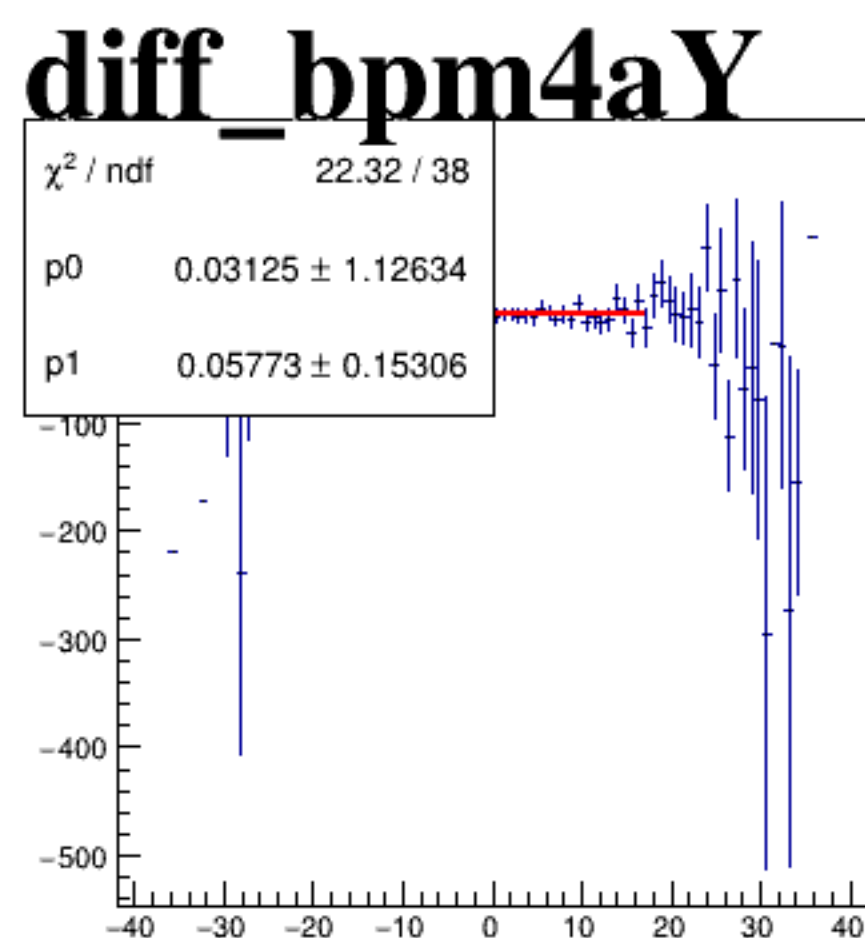
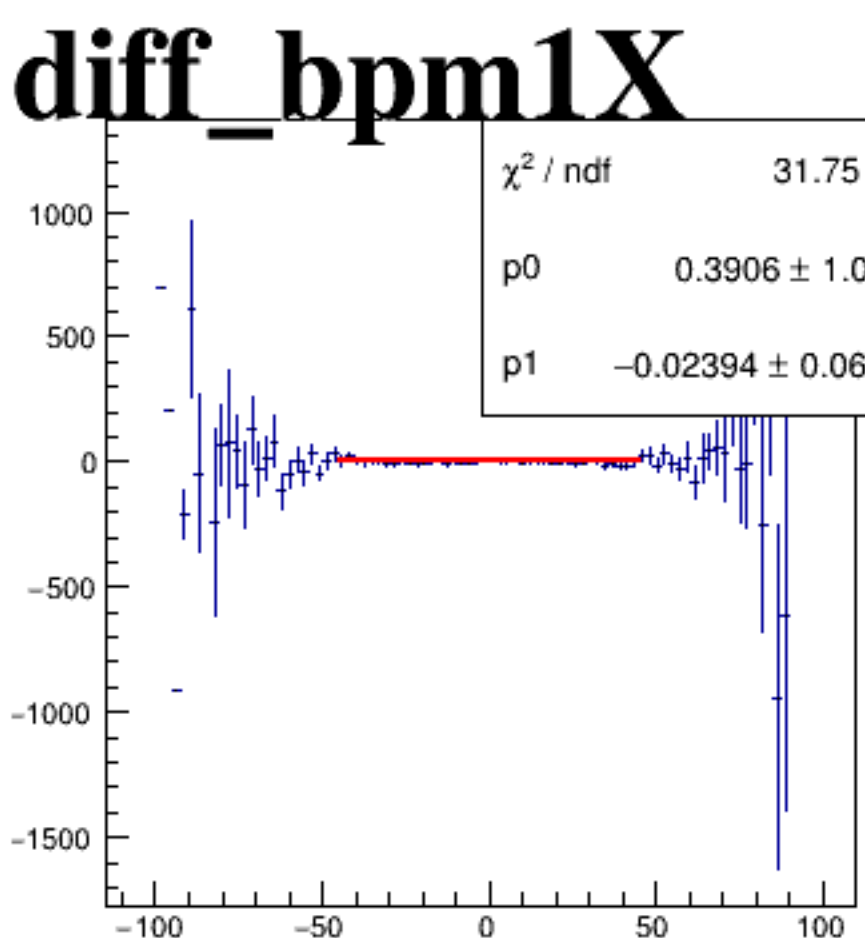
asym_sam7



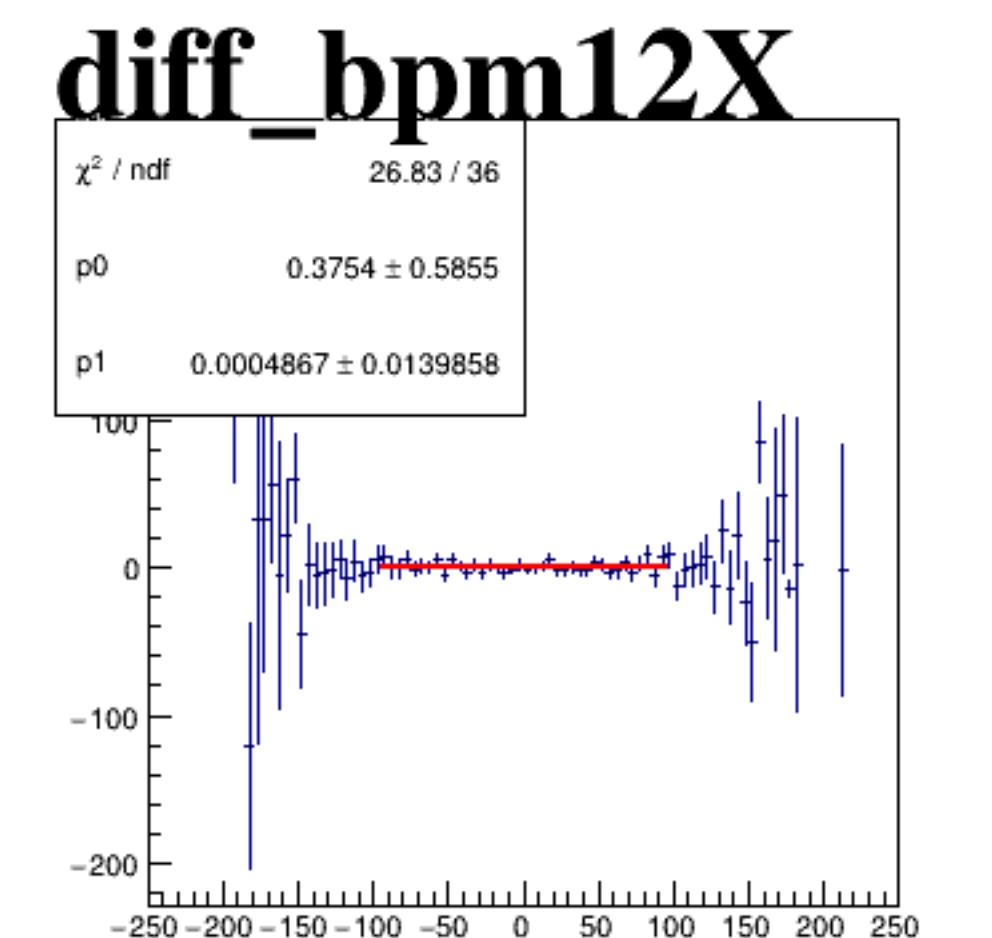
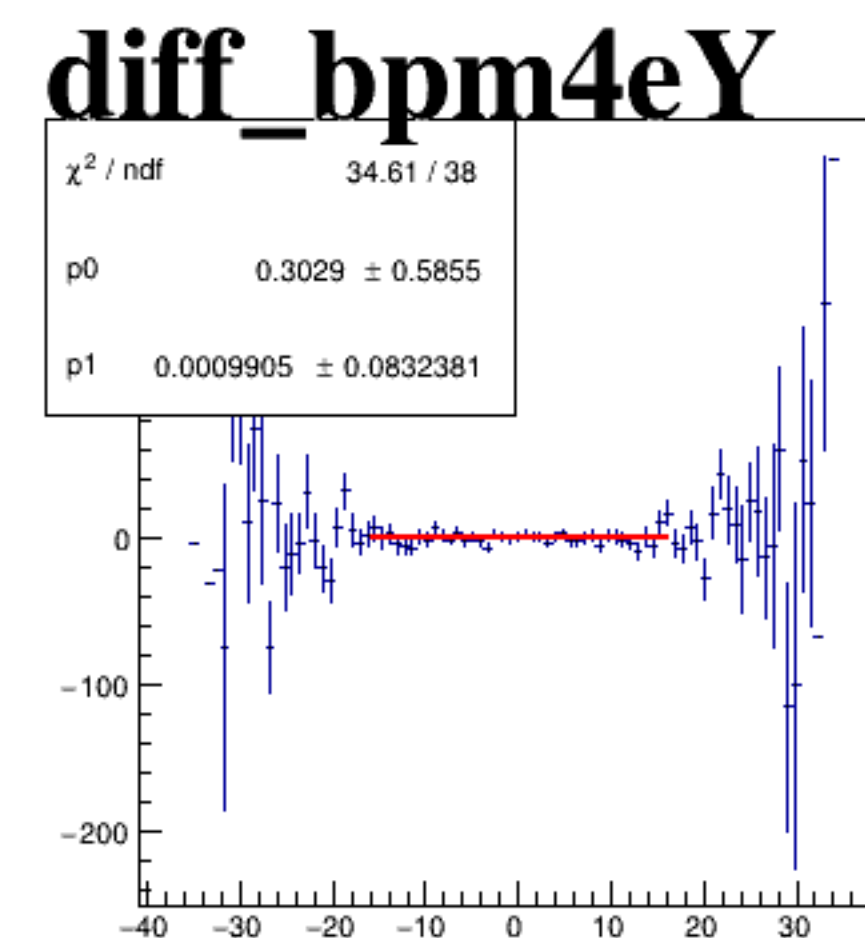
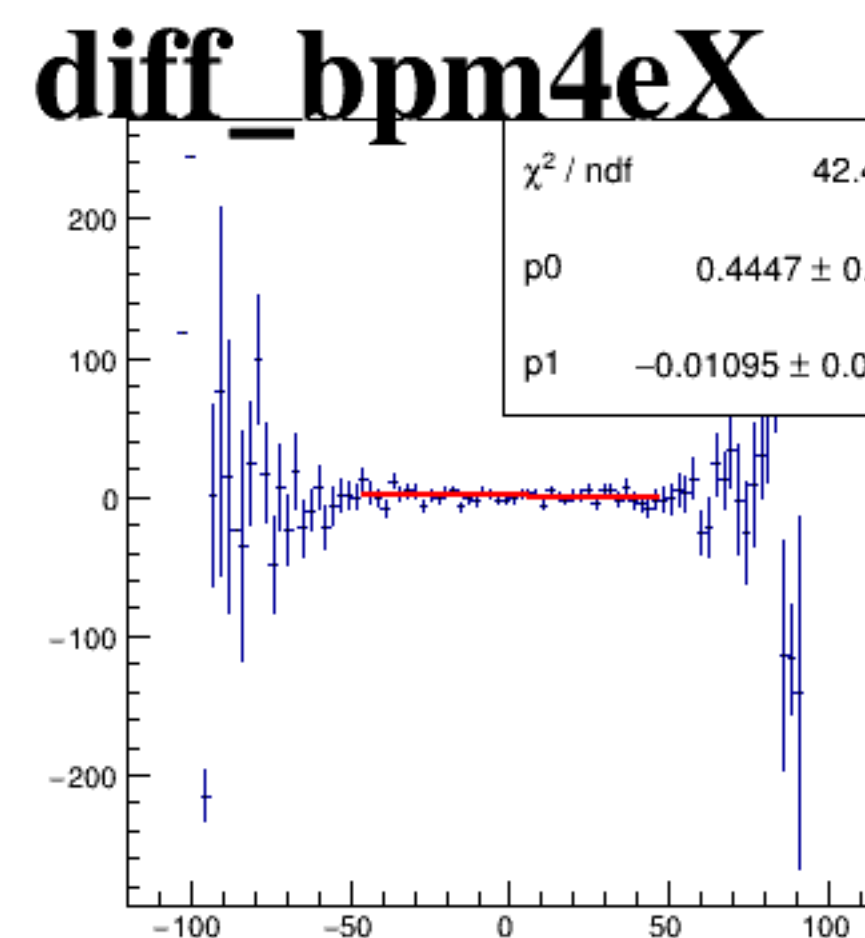
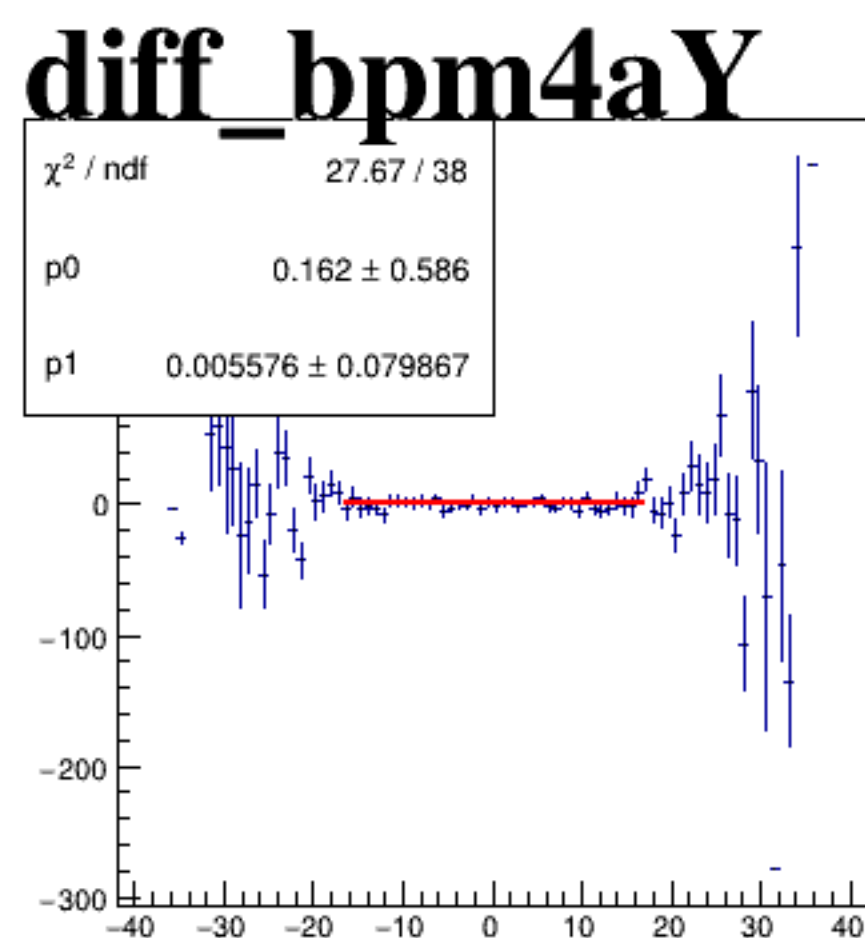
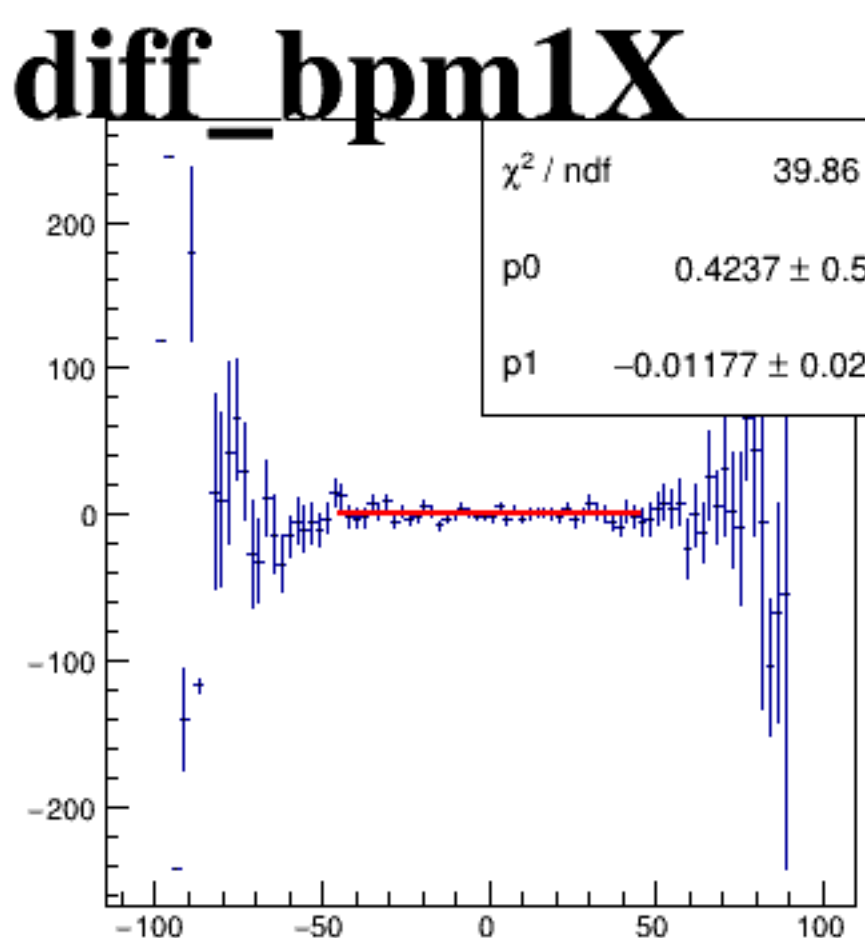
reg_asym_sam1



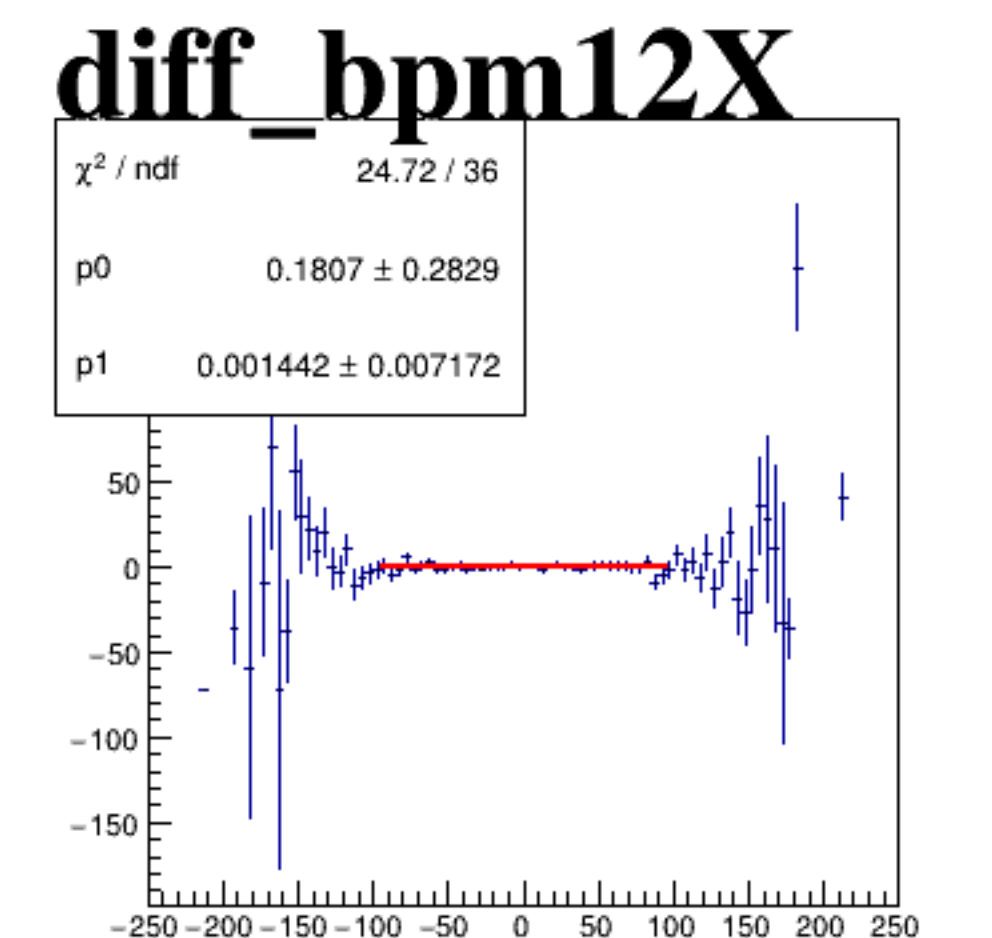
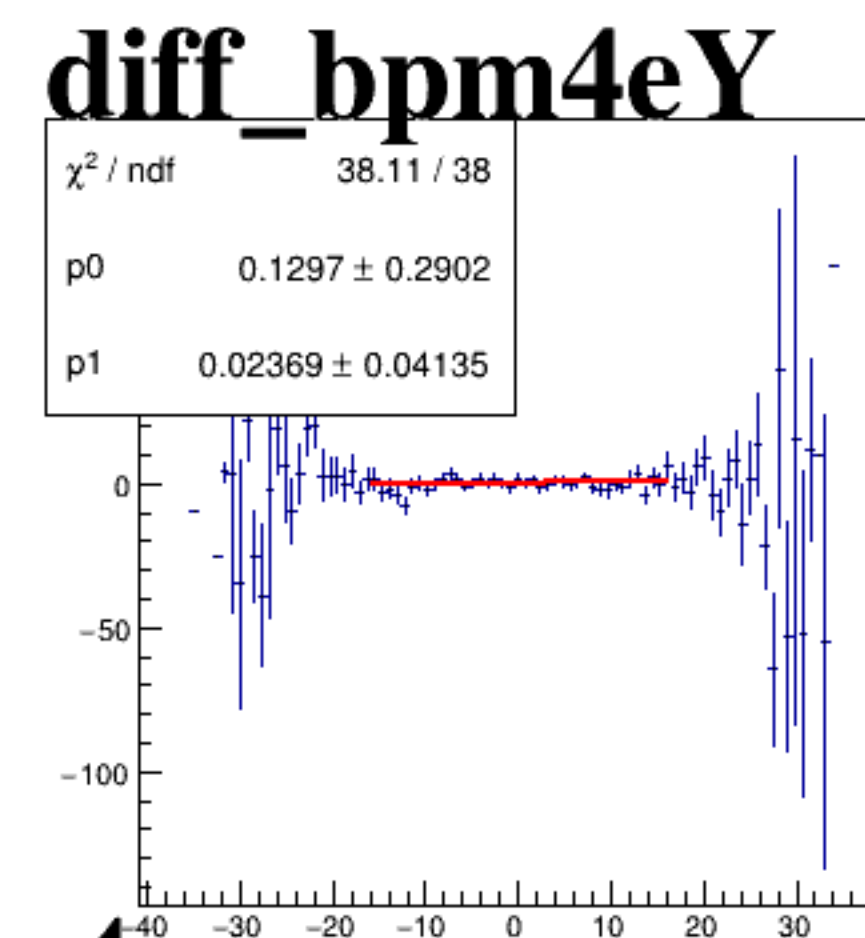
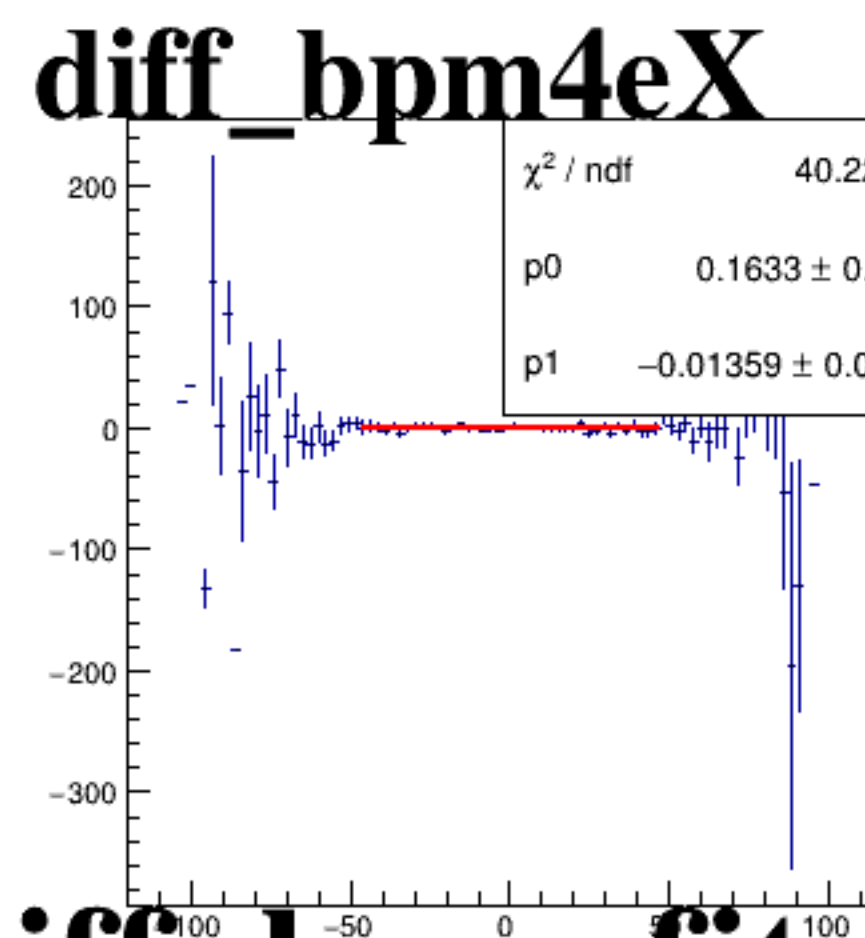
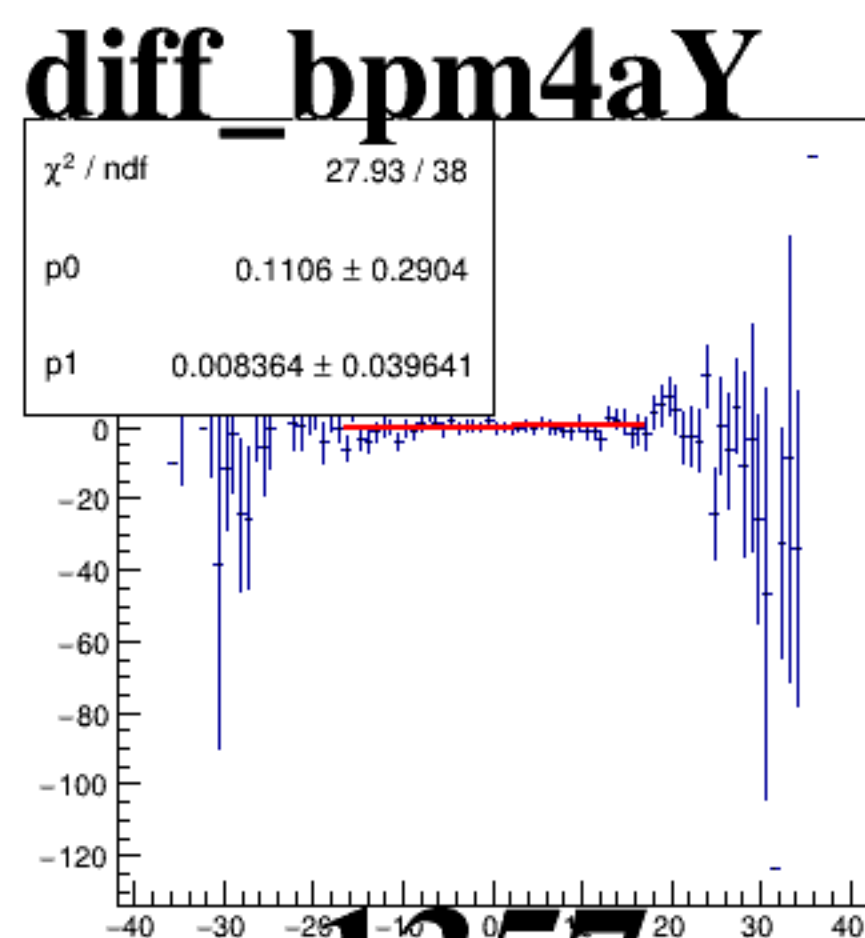
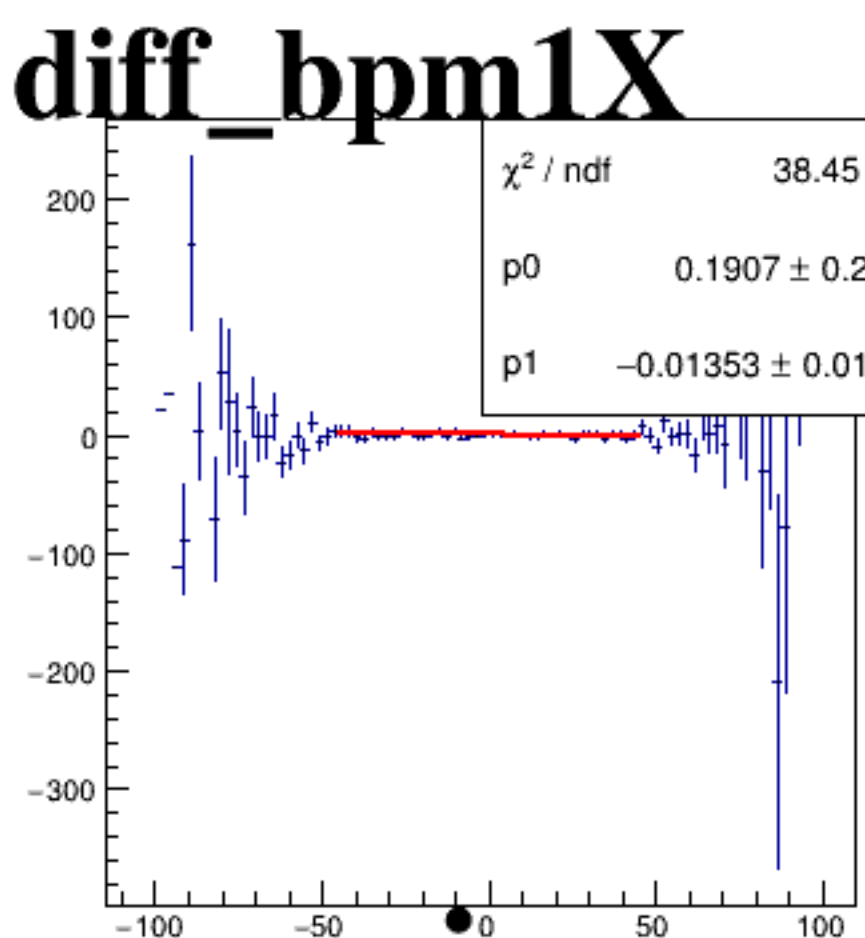
reg_asym_sam3



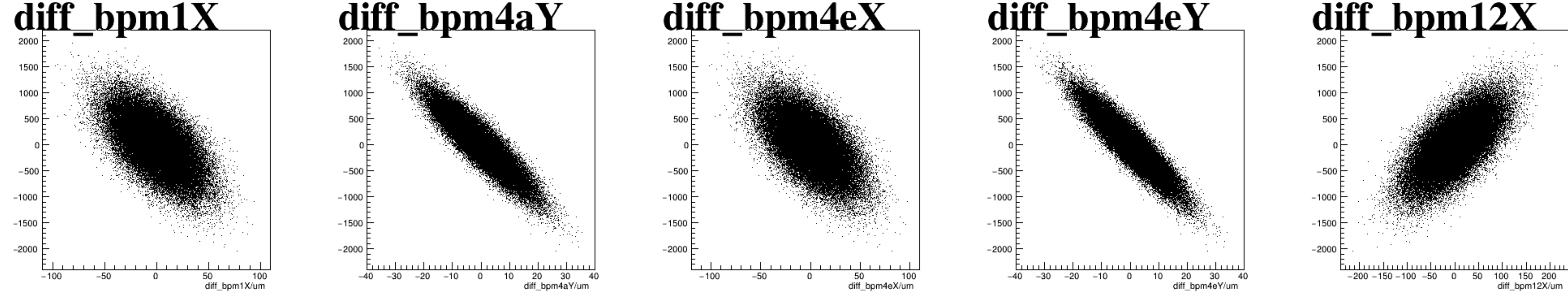
reg_asym_sam5



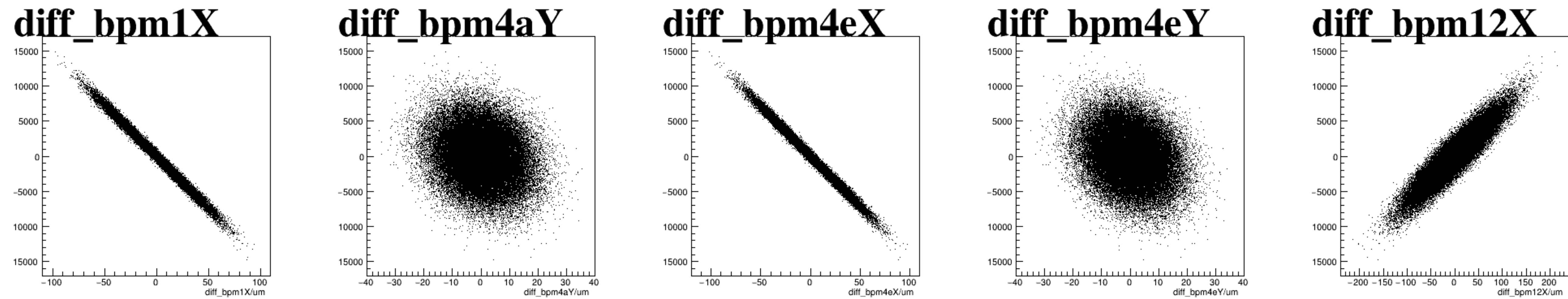
reg_asym_sam7



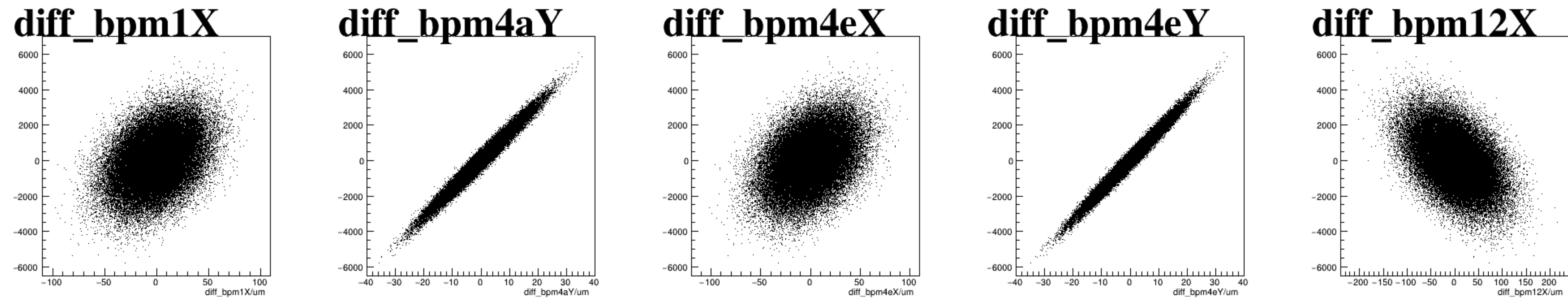
asym_sam1



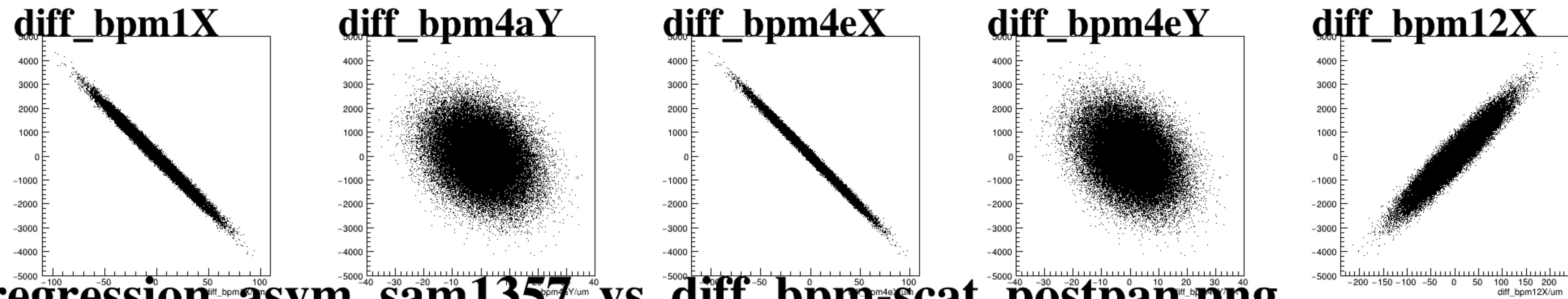
asym_sam3



asym_sam5



asym_sam7



diff_bpm1X

diff_bpm4aY

diff_bpm4eX

diff_bpm4eY

diff_bpm12X