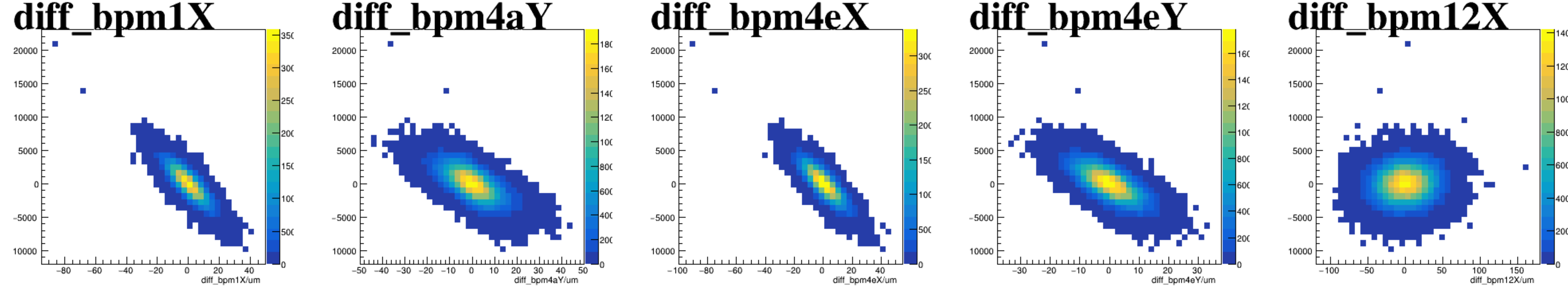
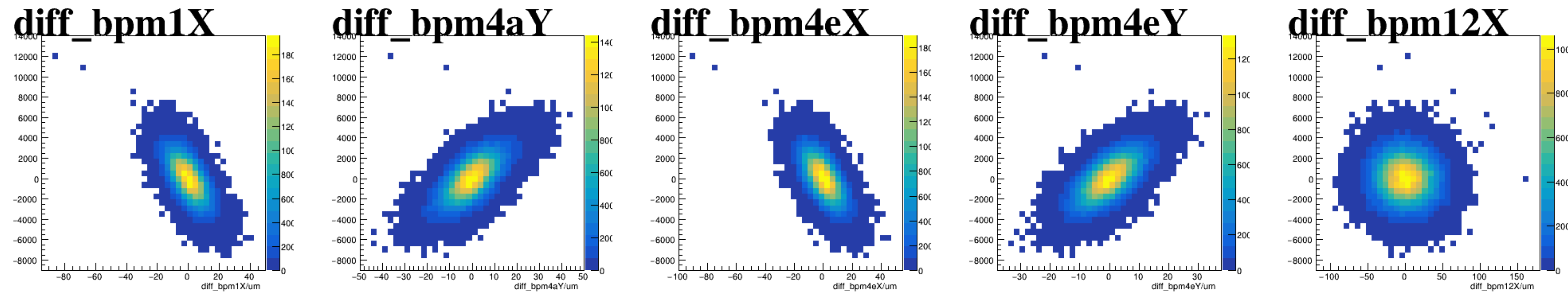


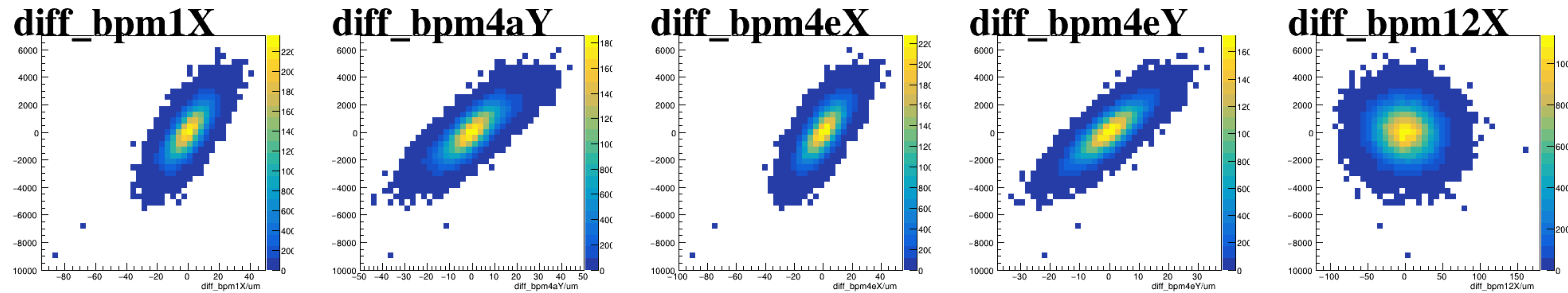
asym_sam2



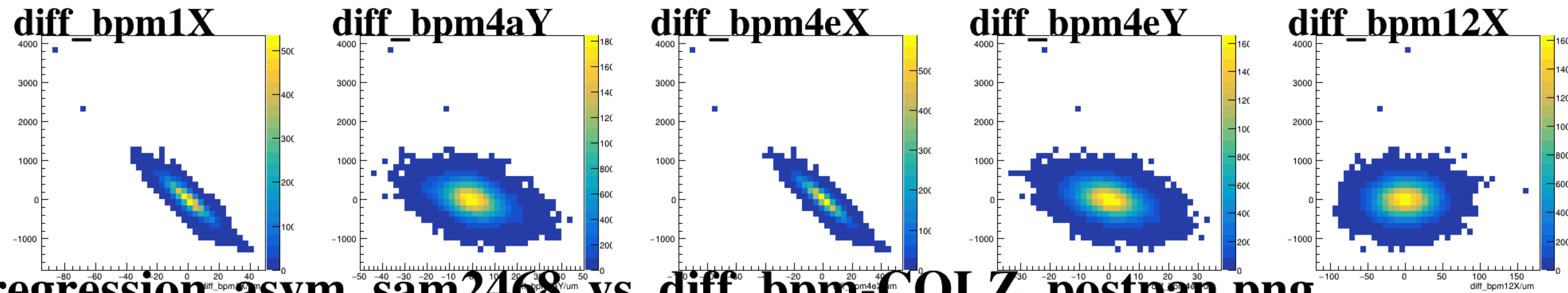
asym_sam4



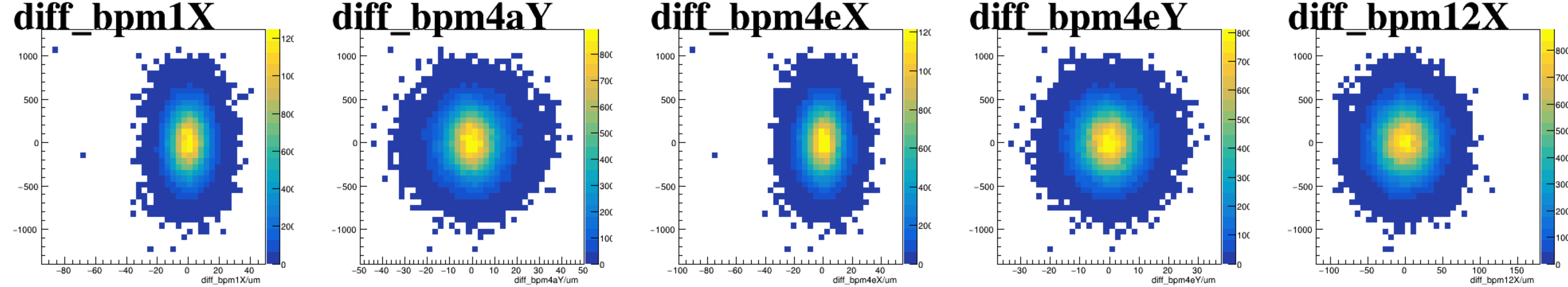
asym_sam6



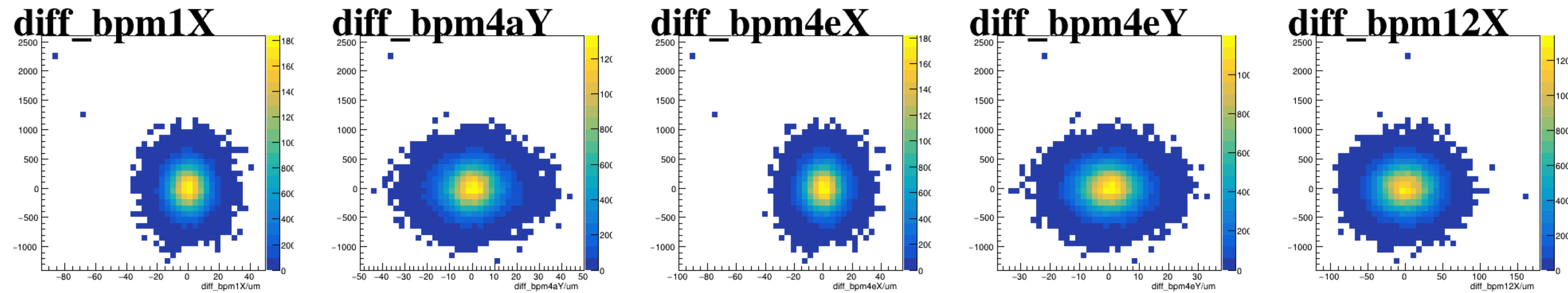
asym_sam8



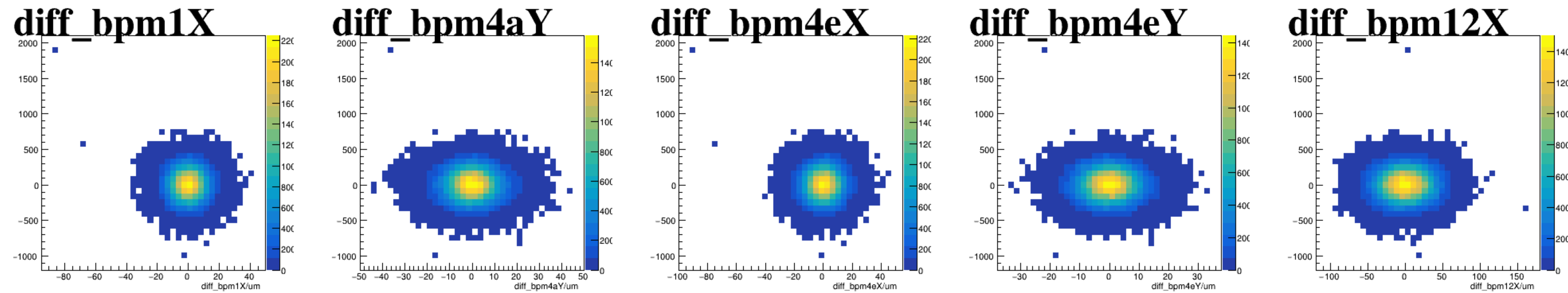
reg_asym_sam2



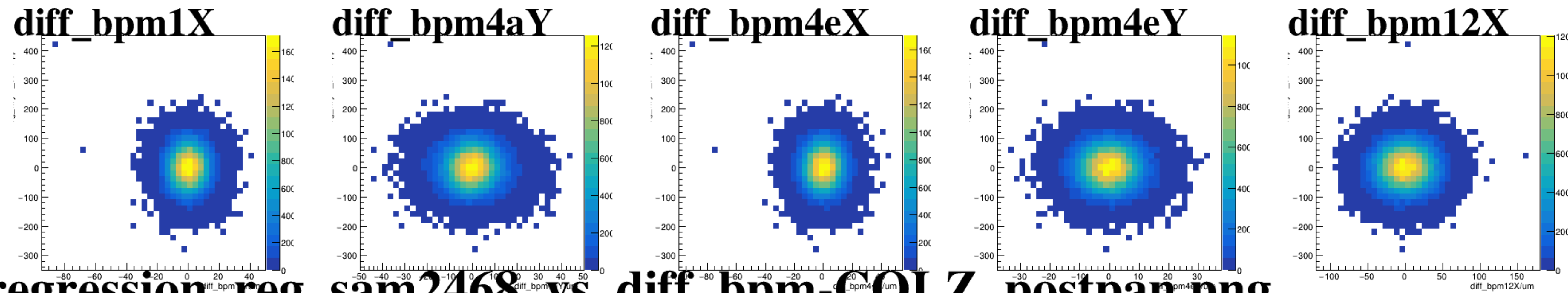
reg_asym_sam4



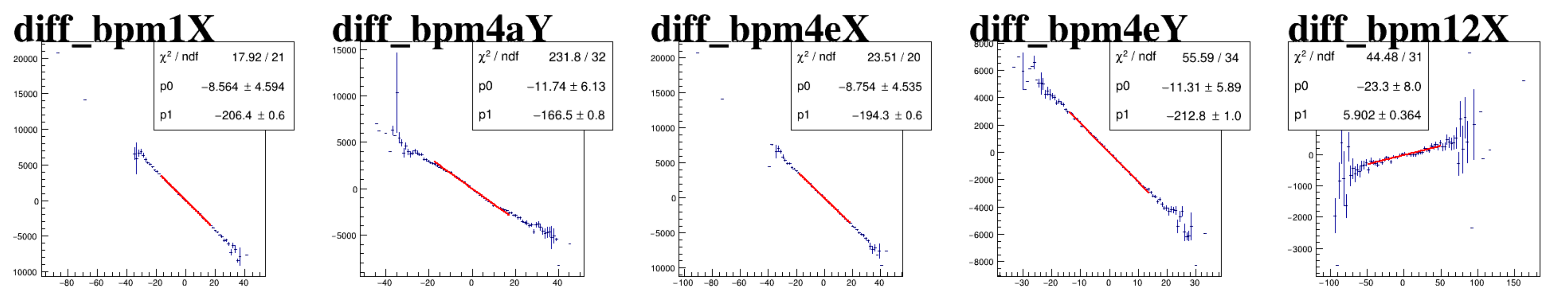
reg_asym_sam6



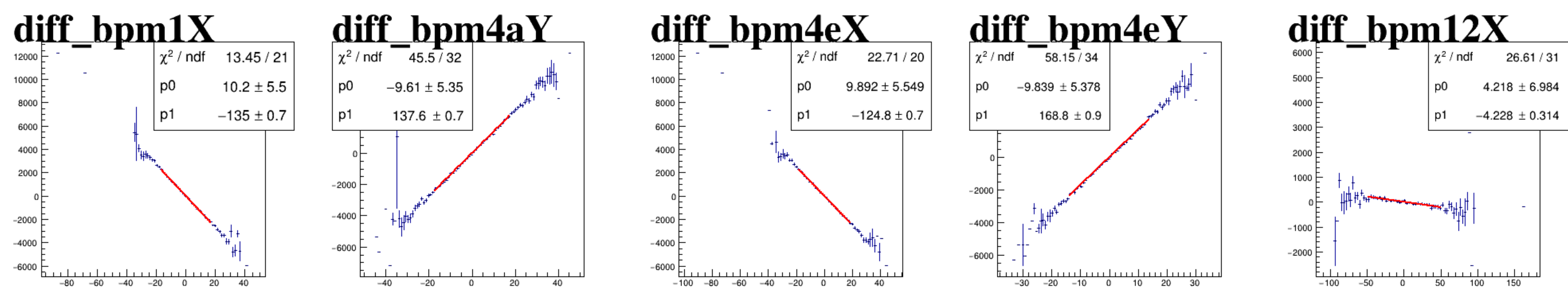
reg_asym_sam8



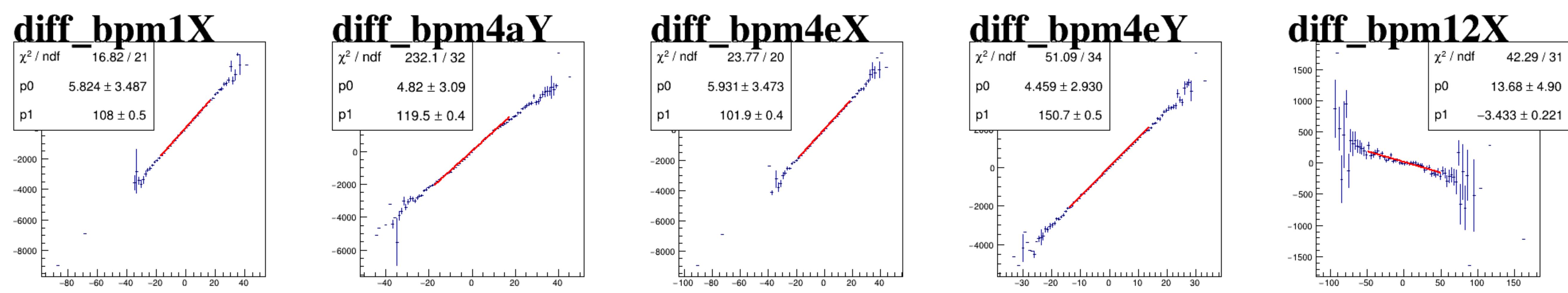
asym_sam2



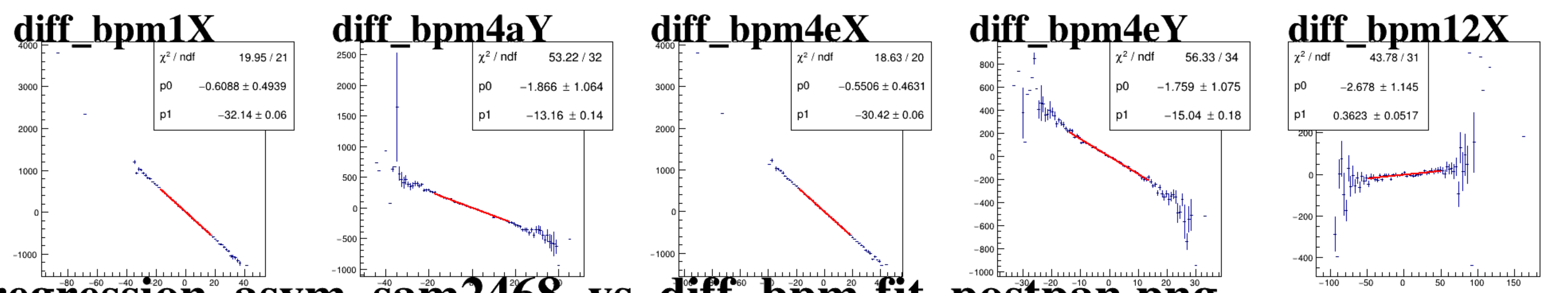
asym_sam4



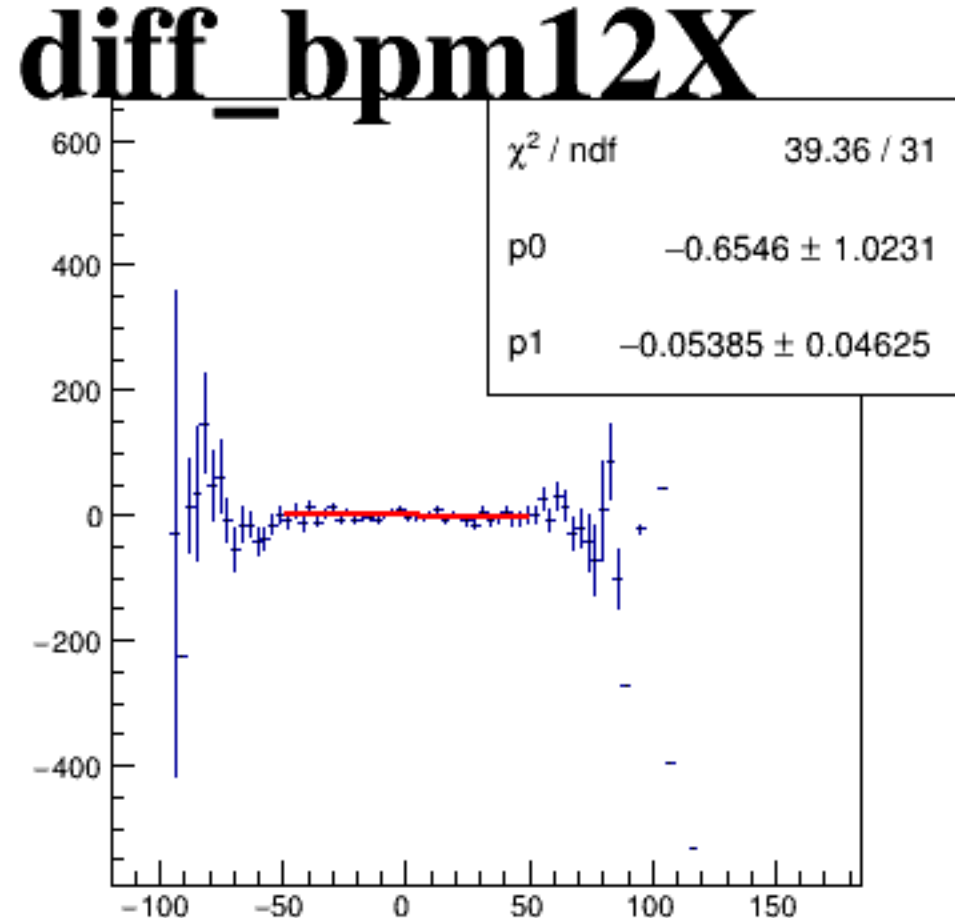
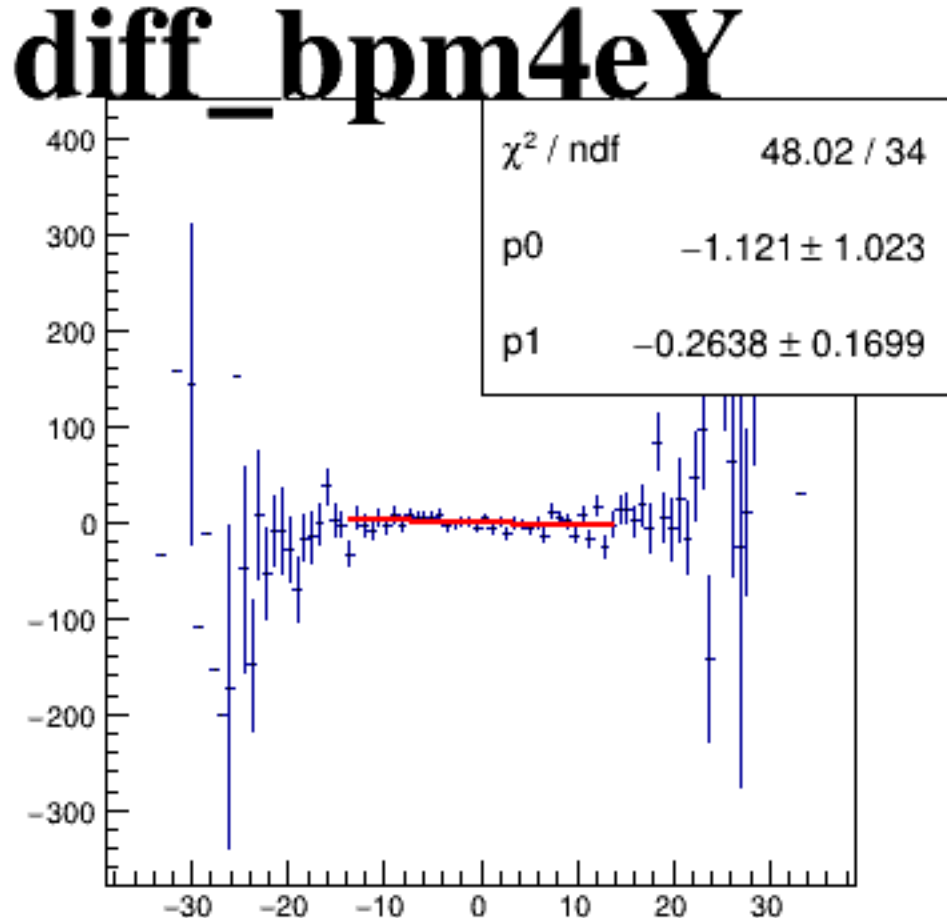
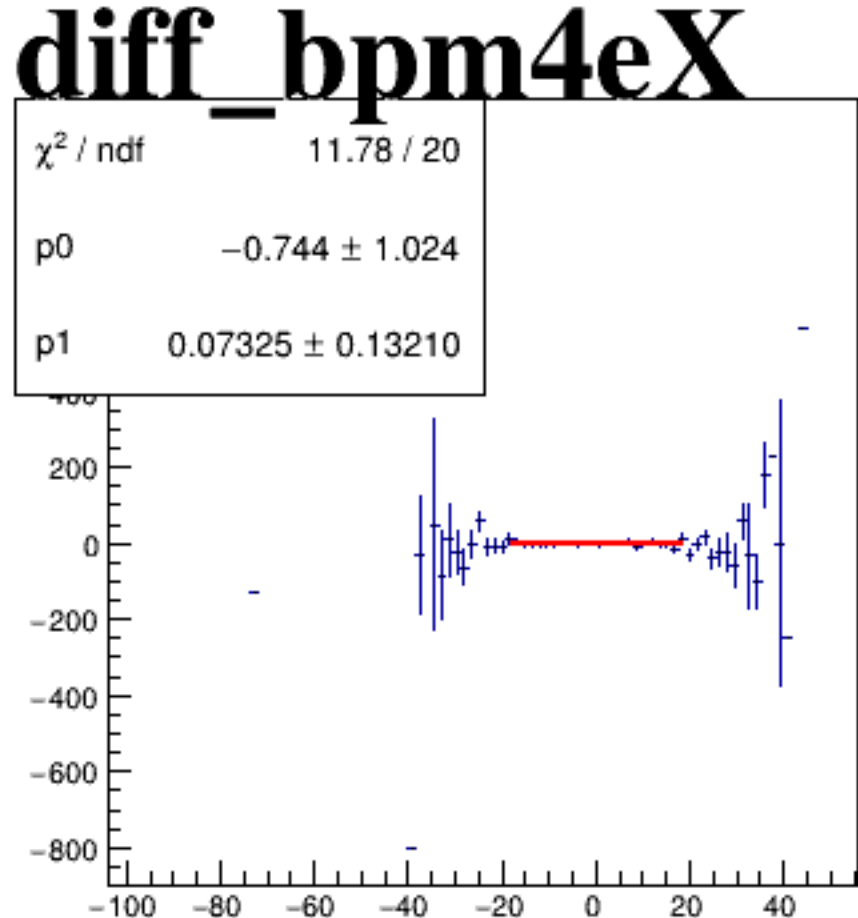
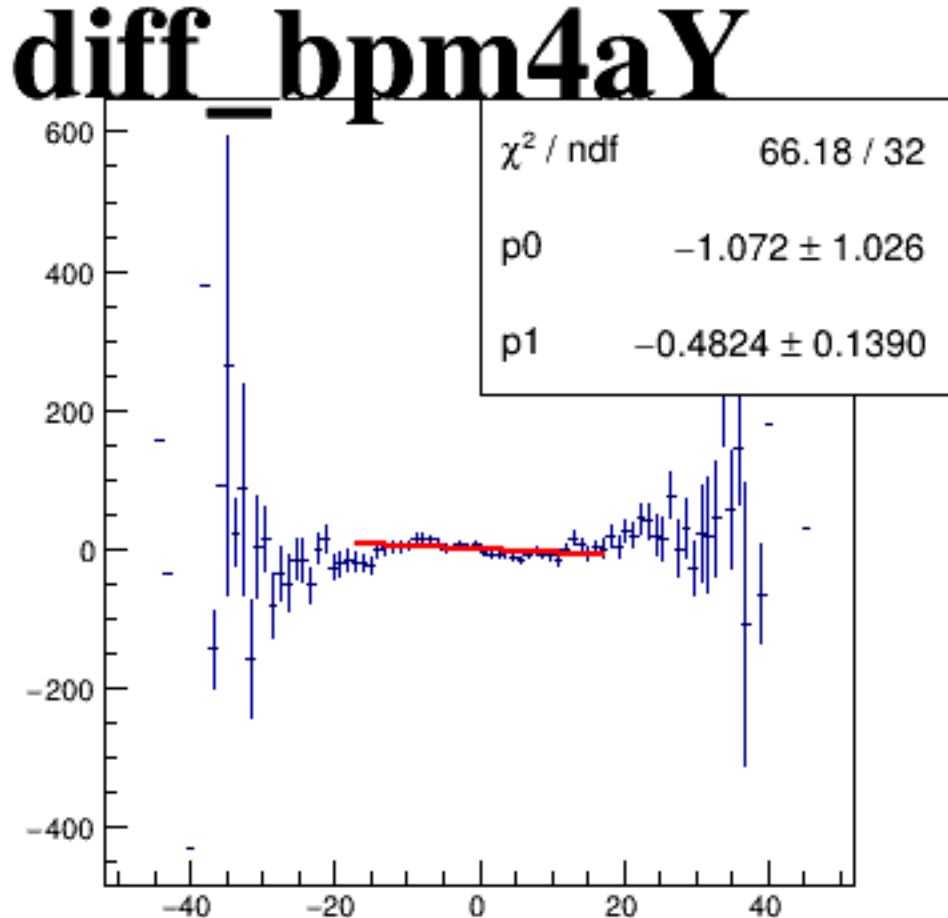
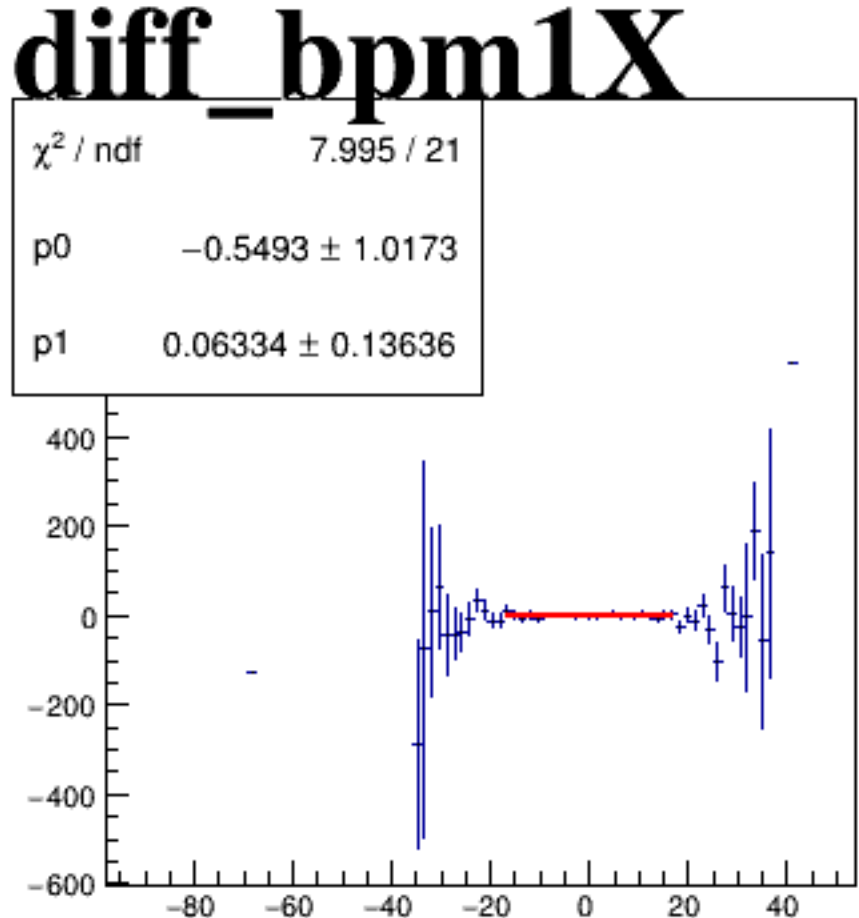
asym_sam6



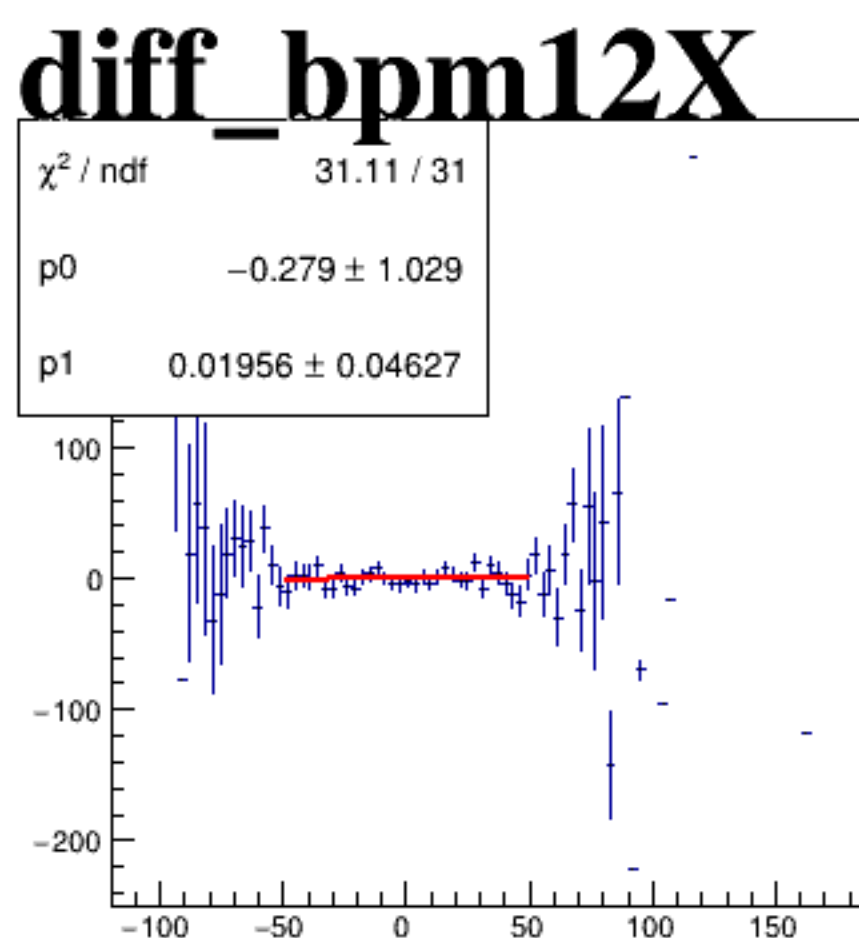
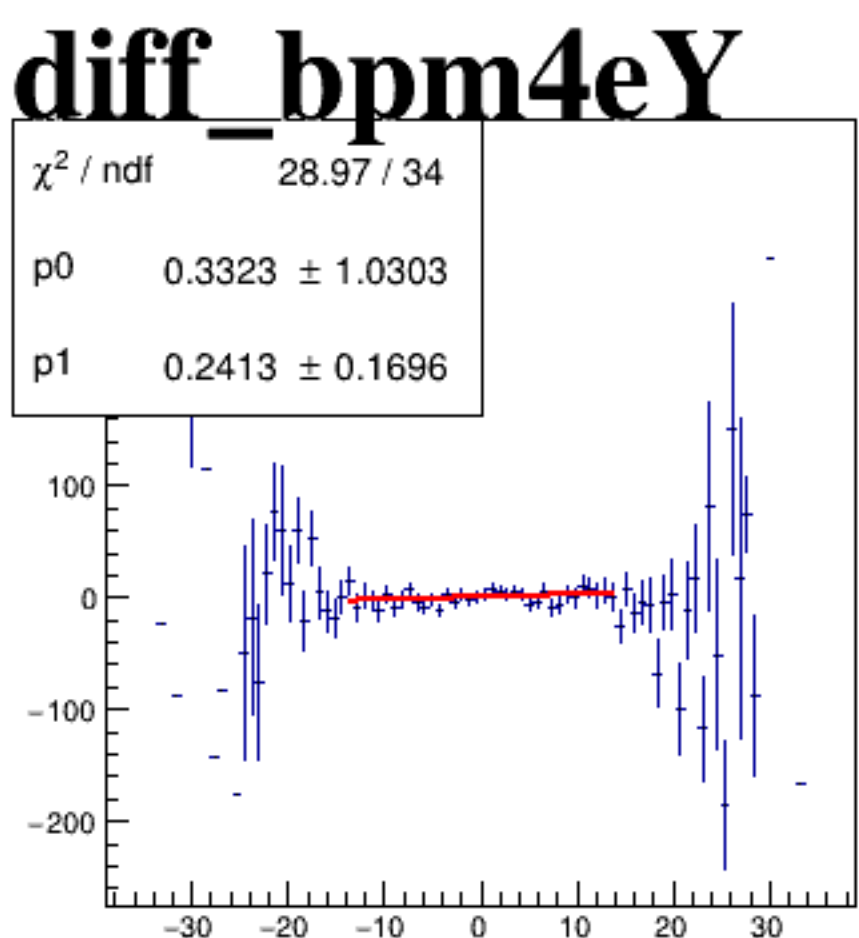
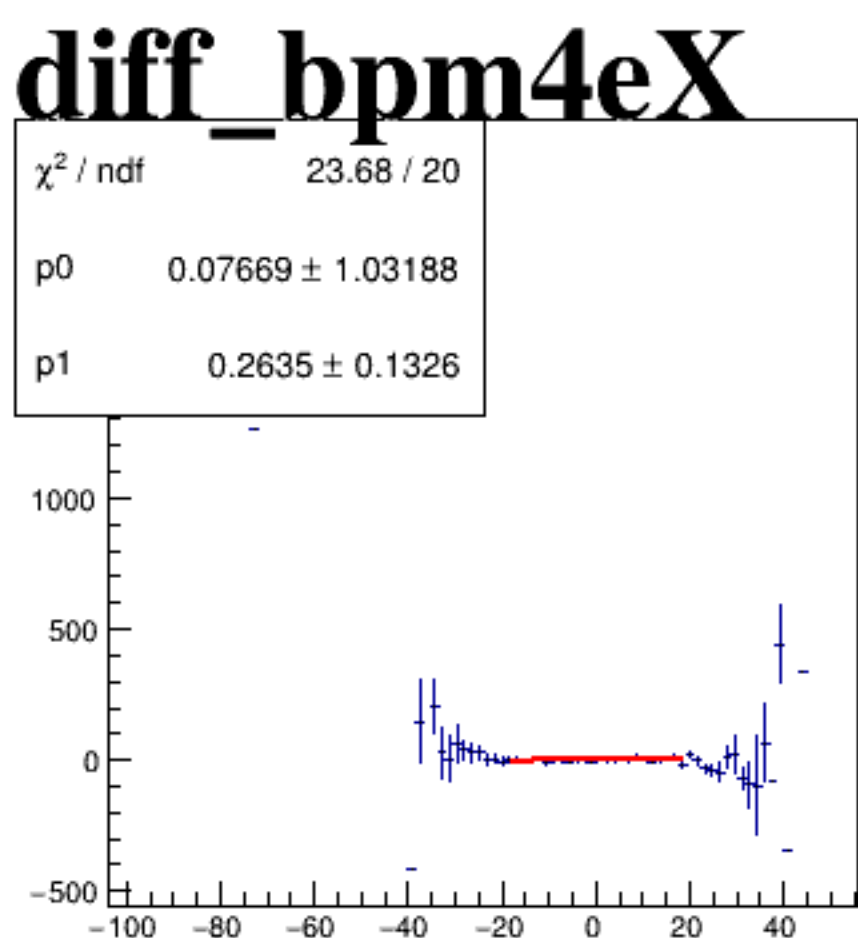
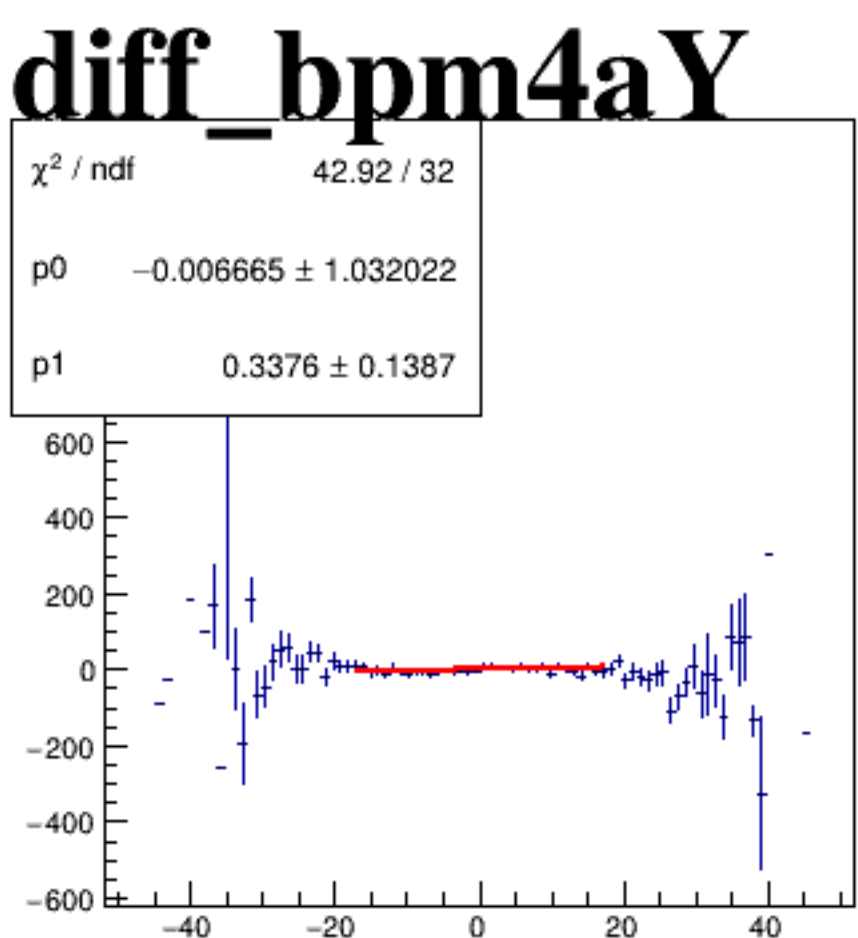
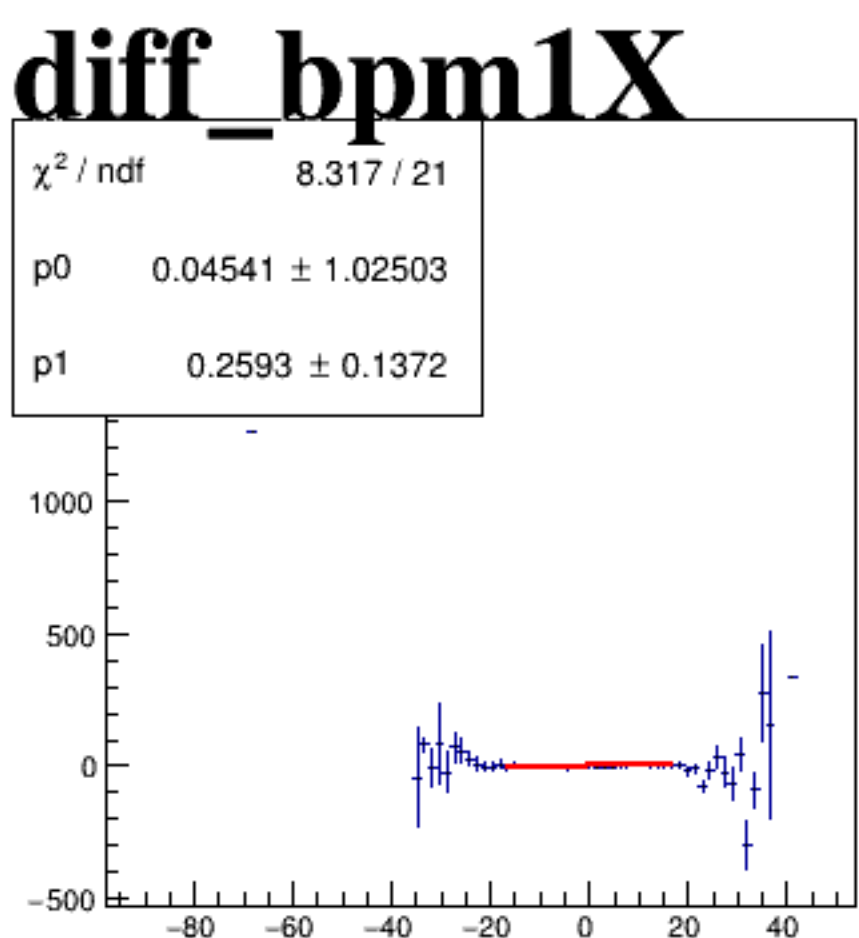
asym_sam8



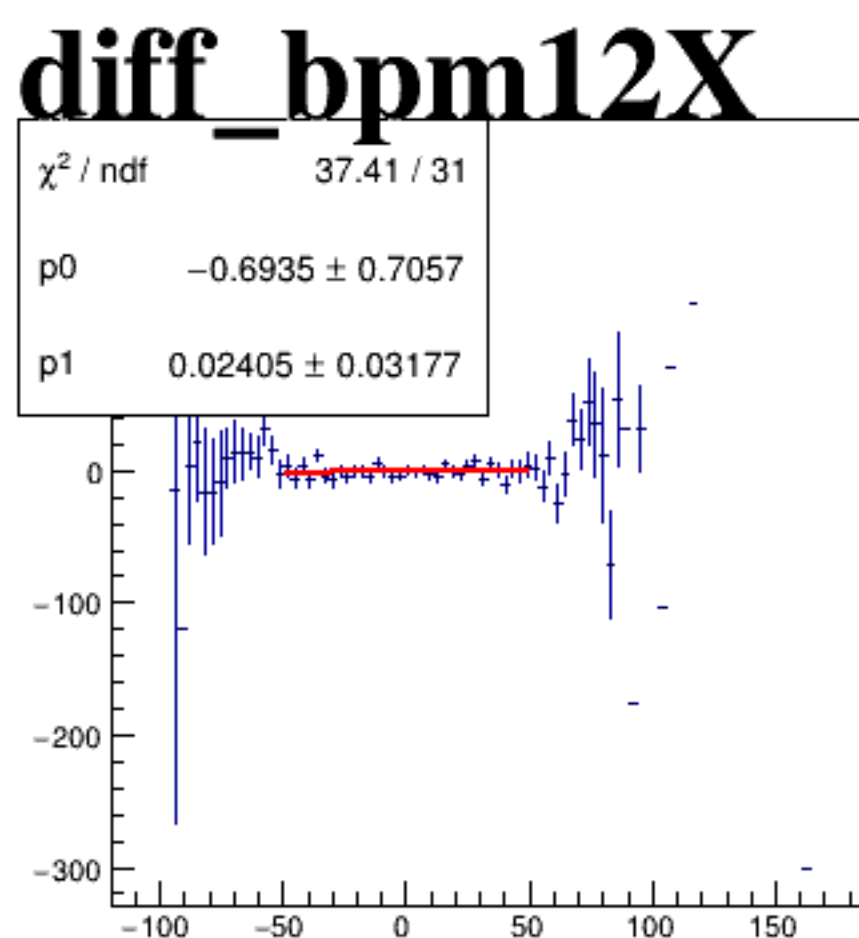
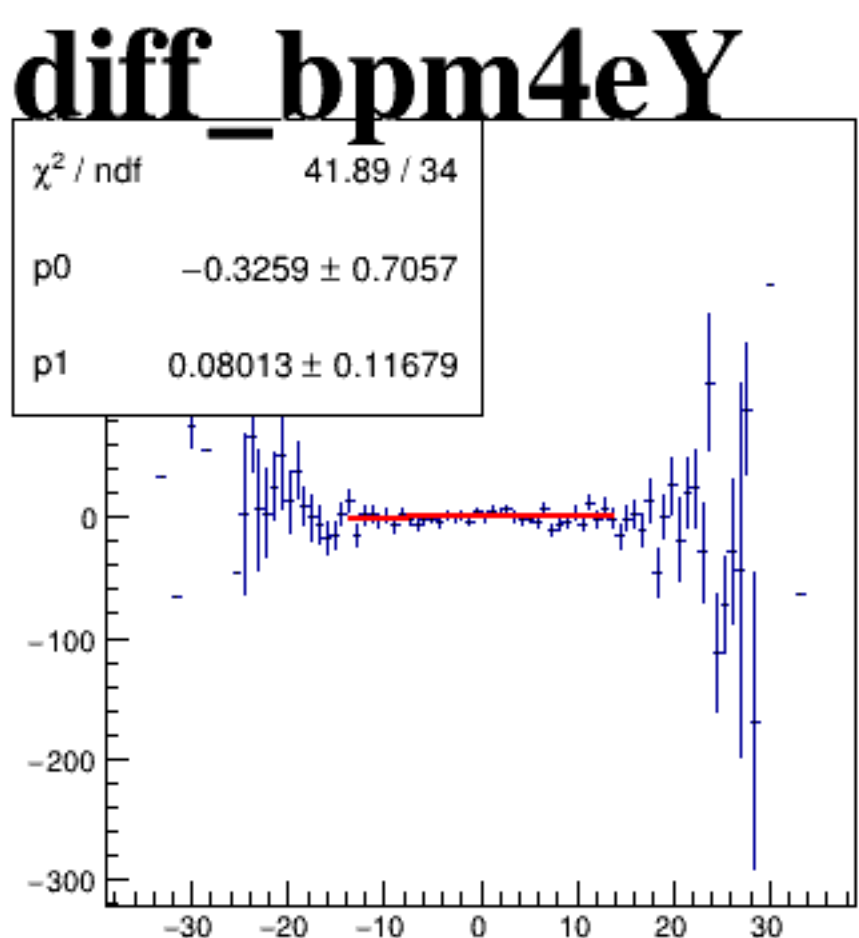
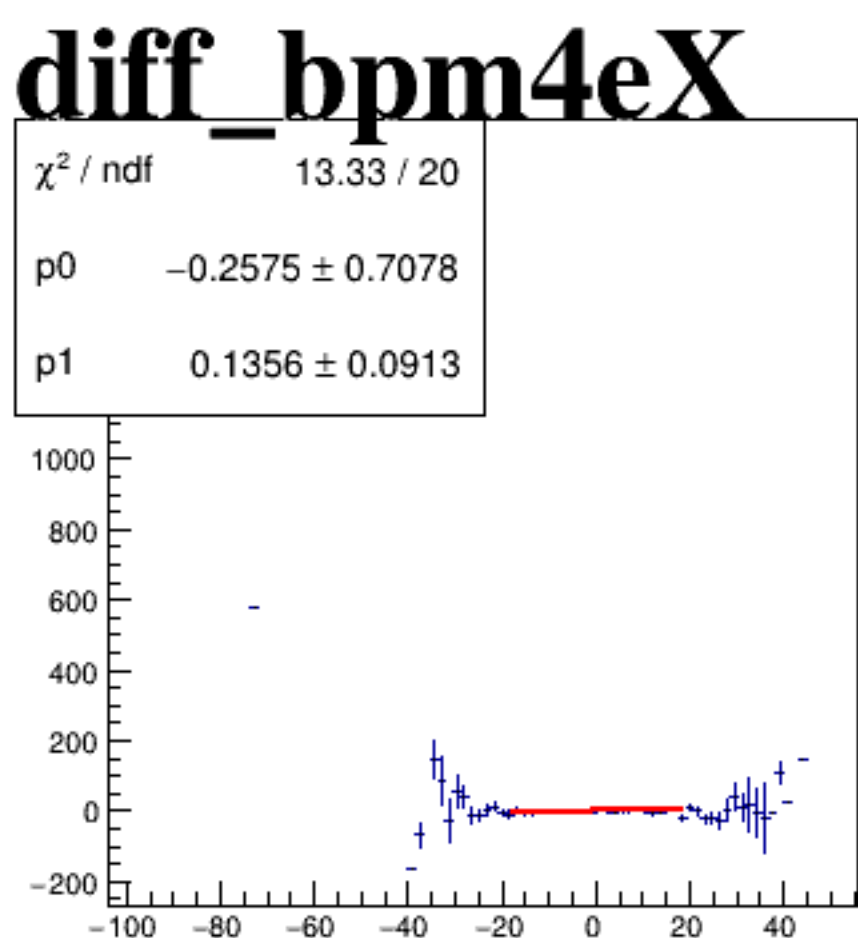
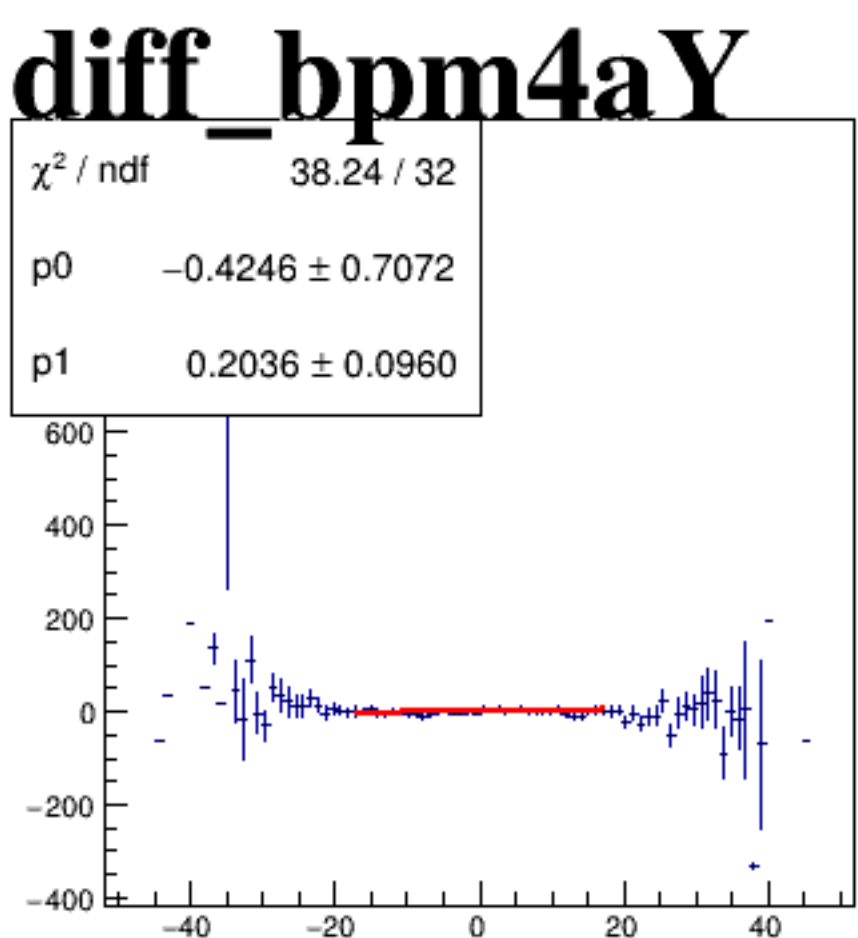
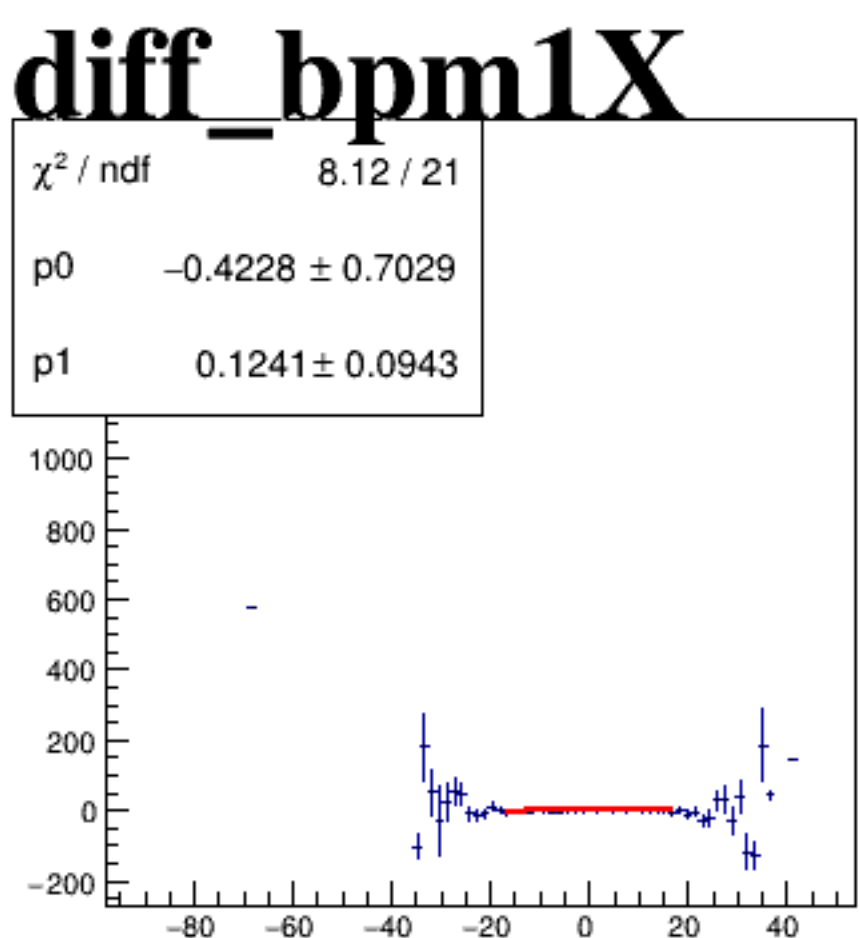
reg_asym_sam2



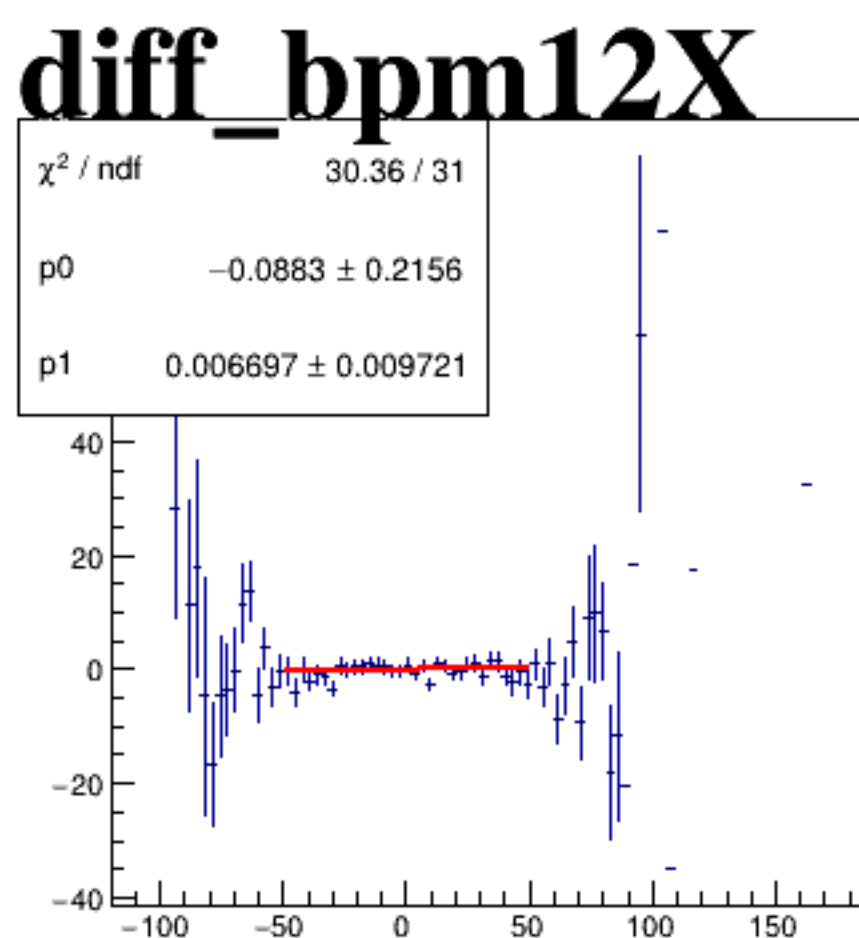
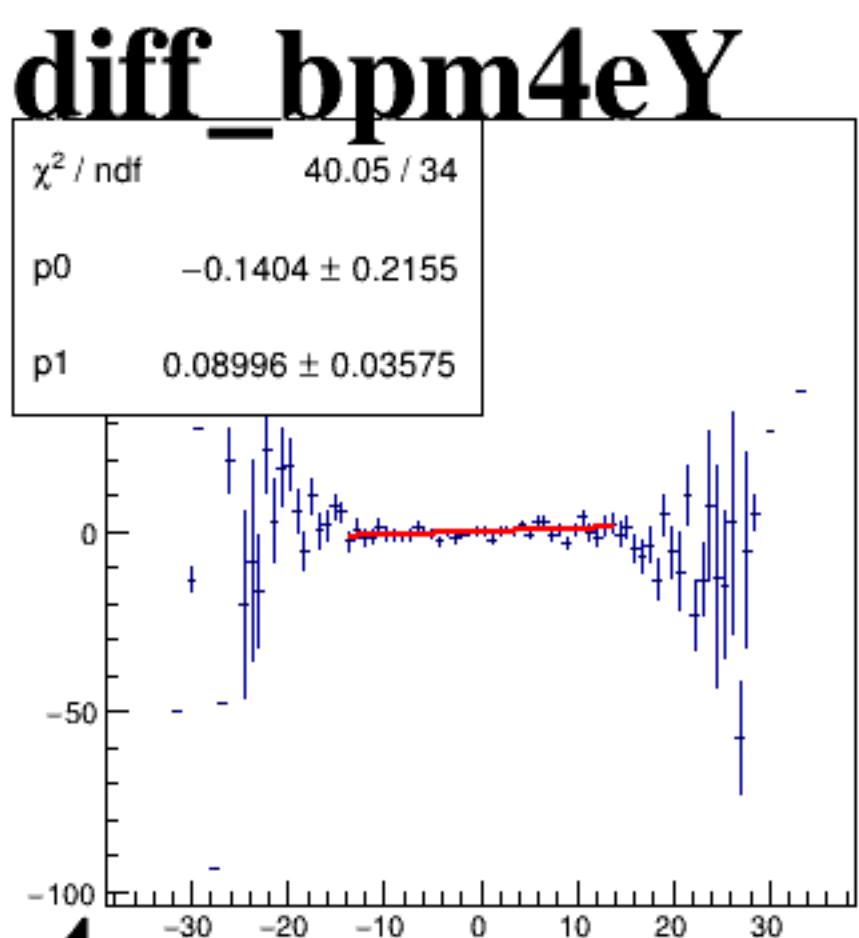
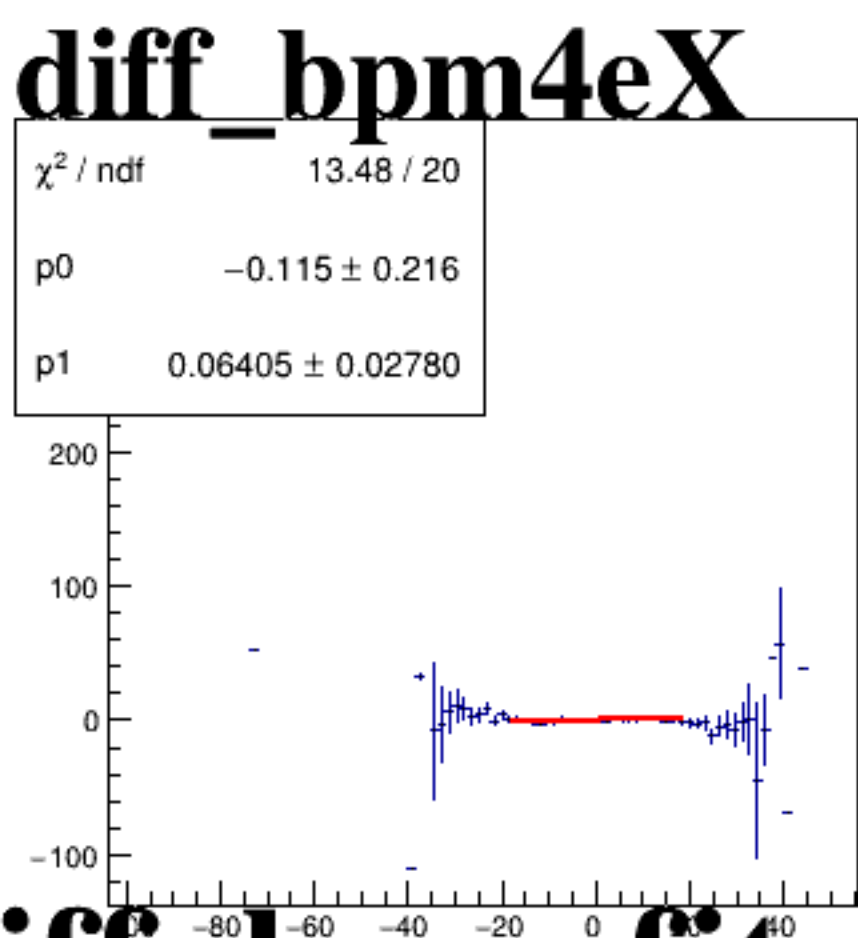
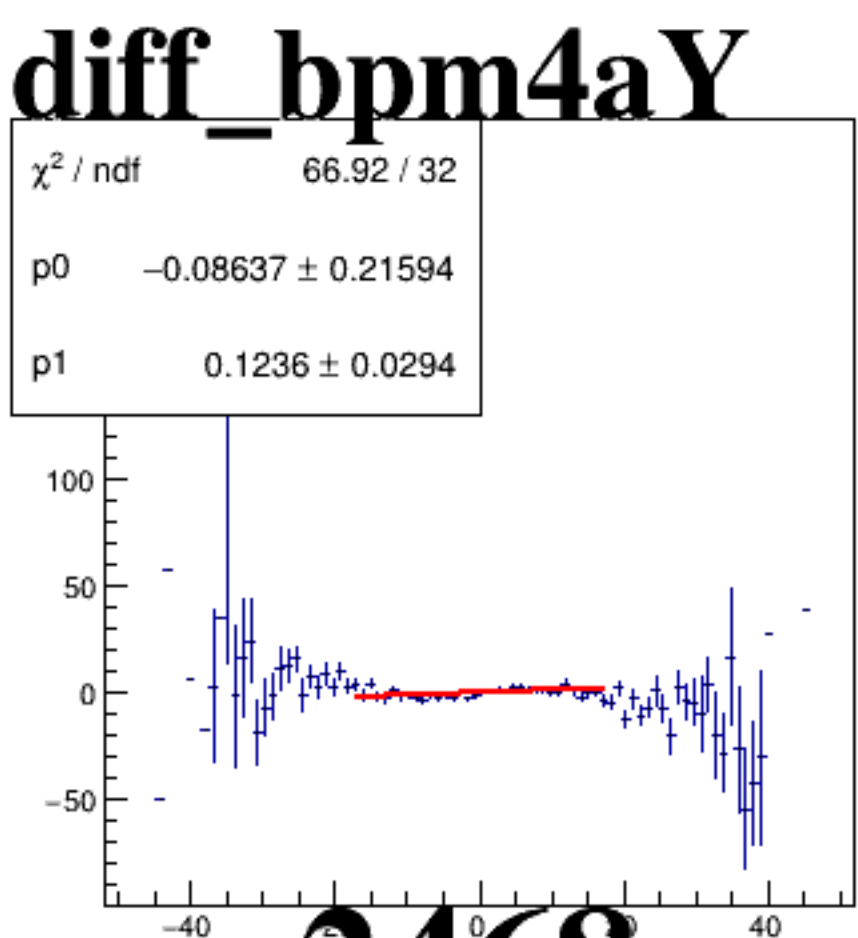
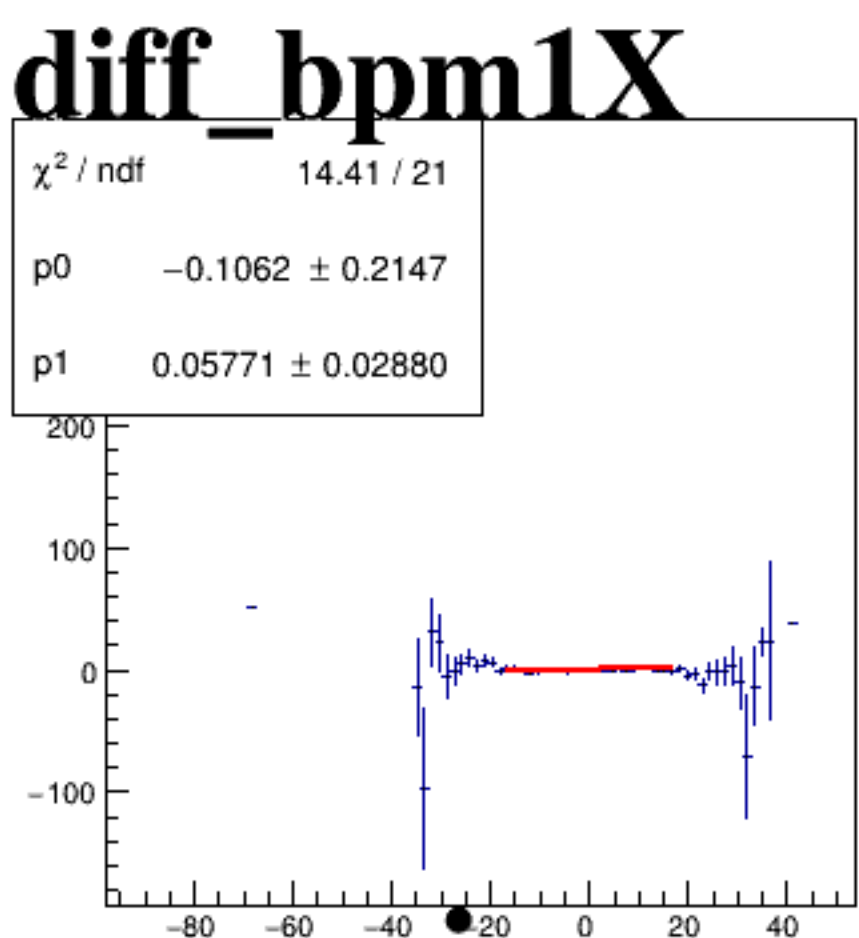
reg_asym_sam4



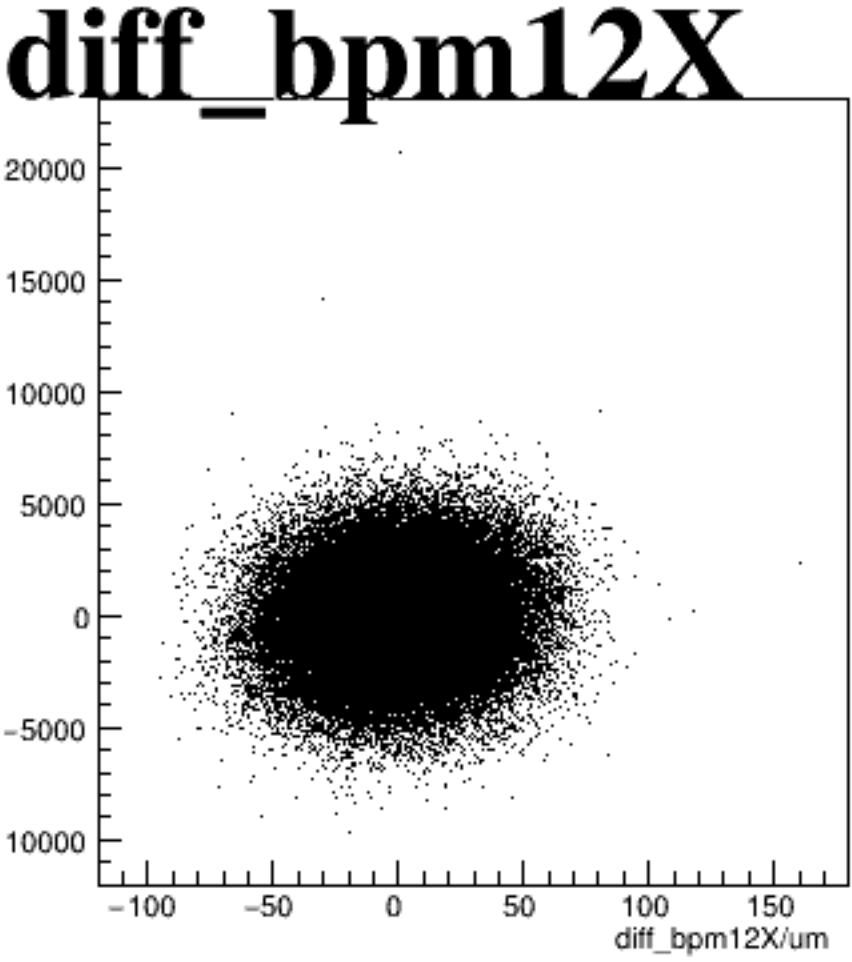
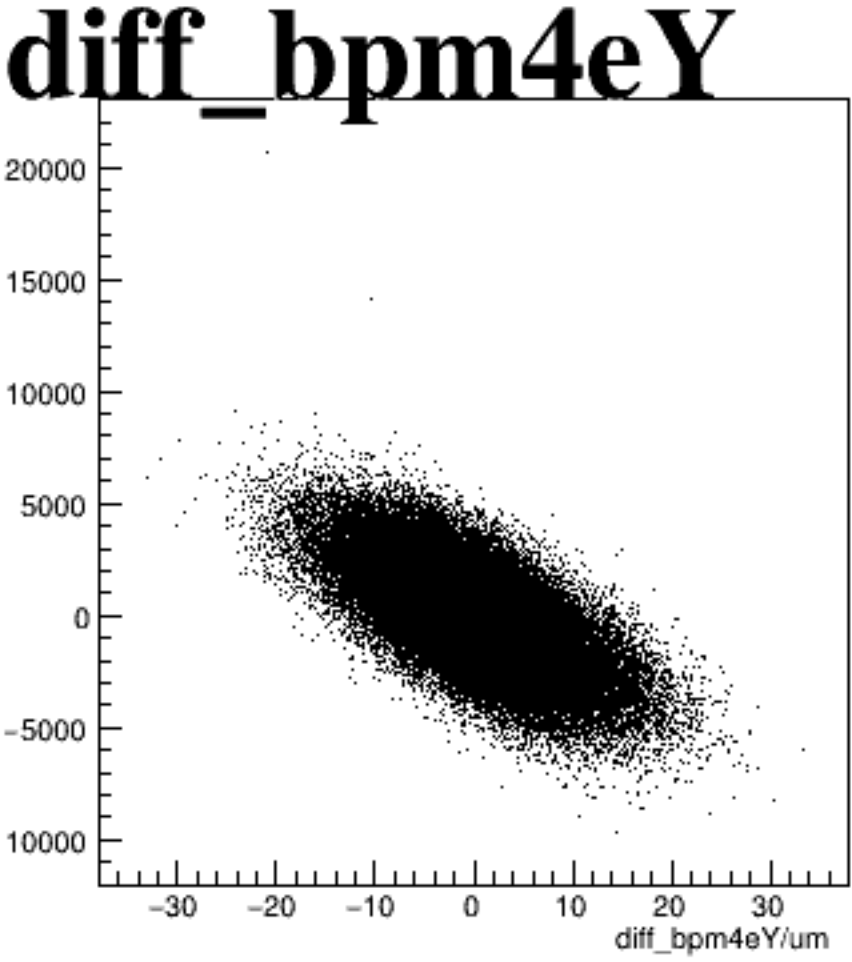
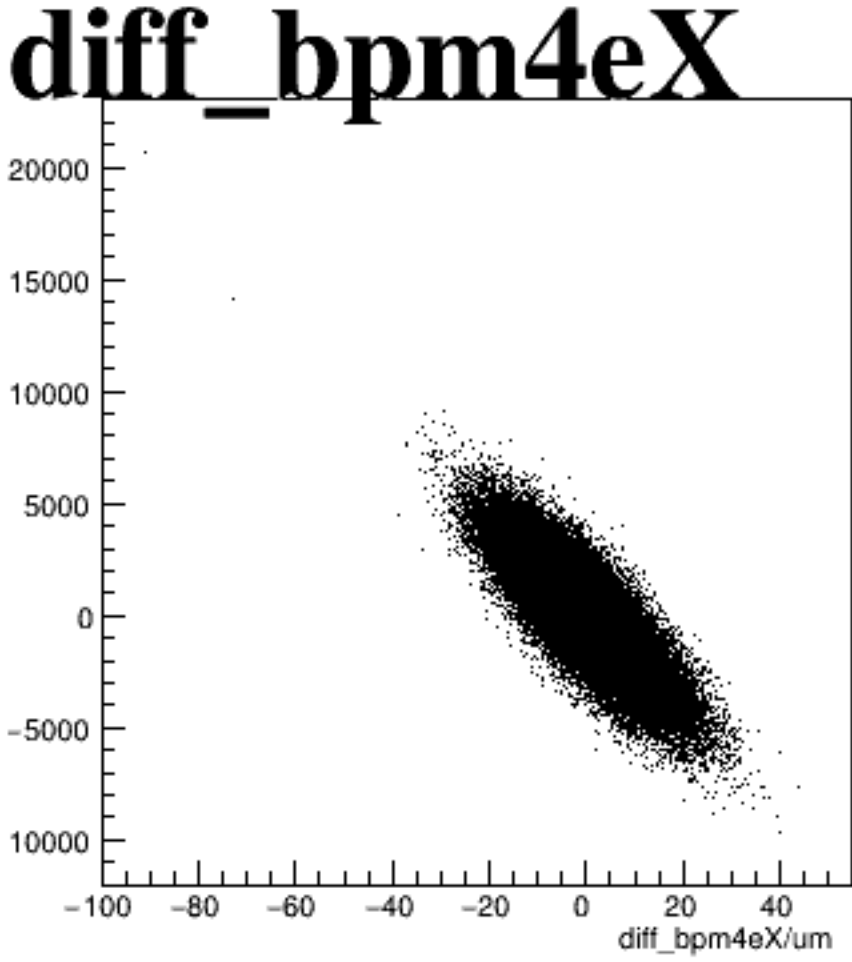
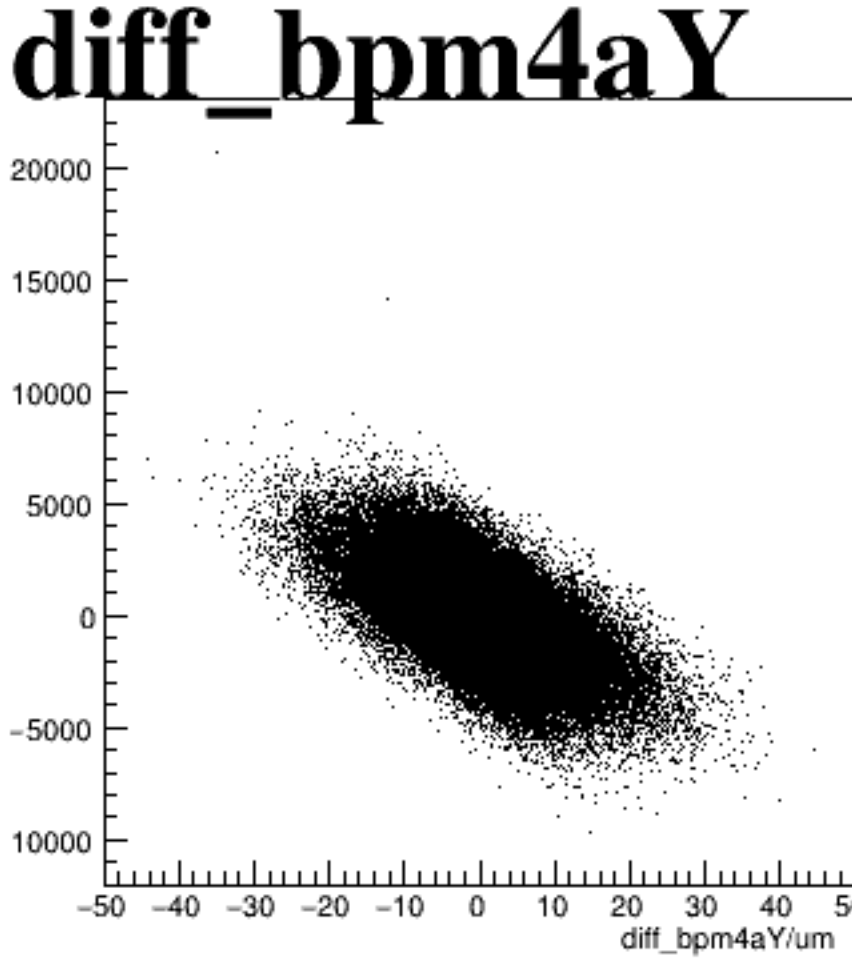
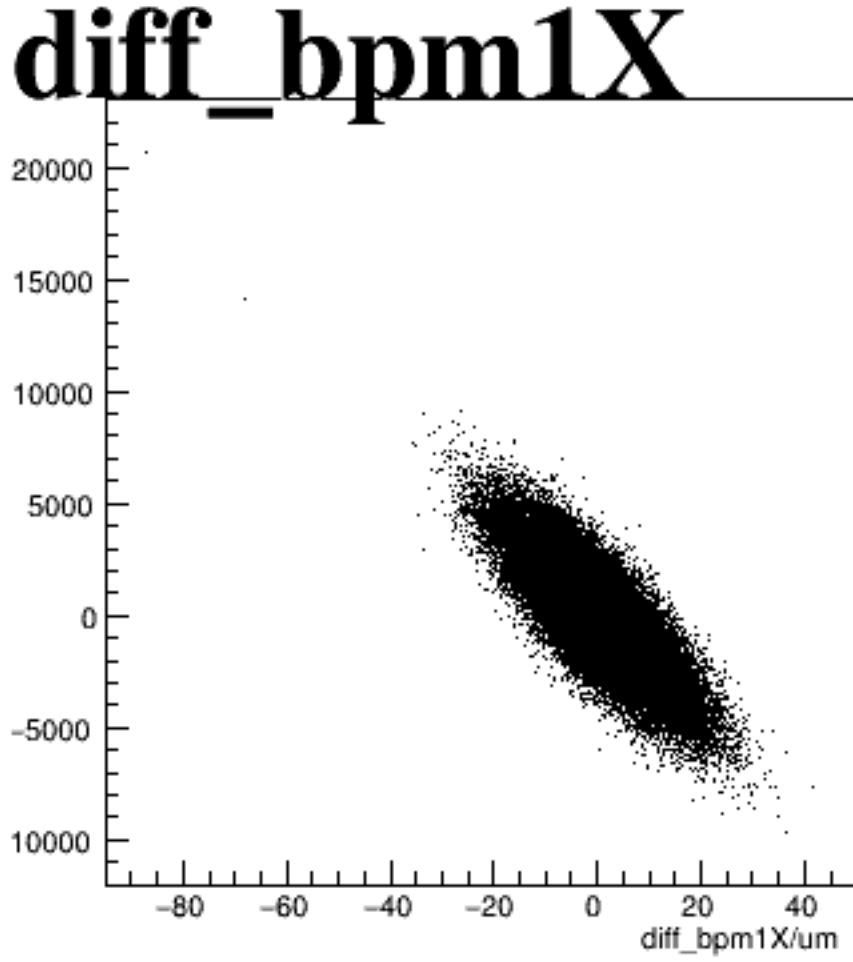
reg_asym_sam6



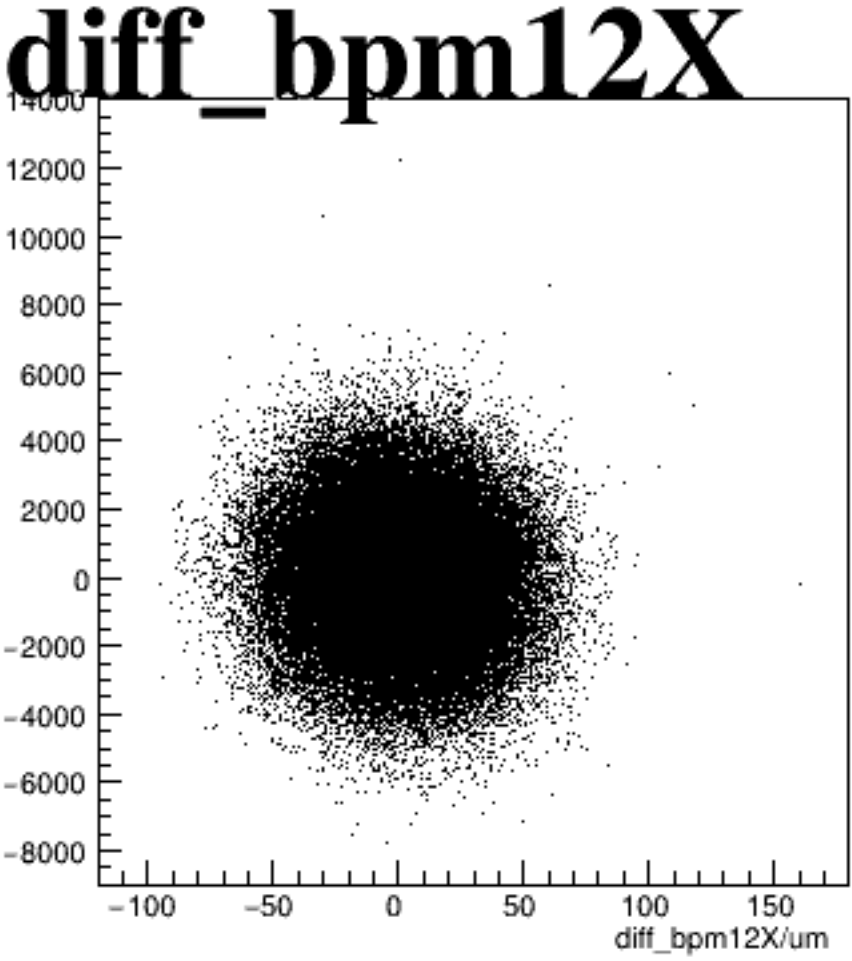
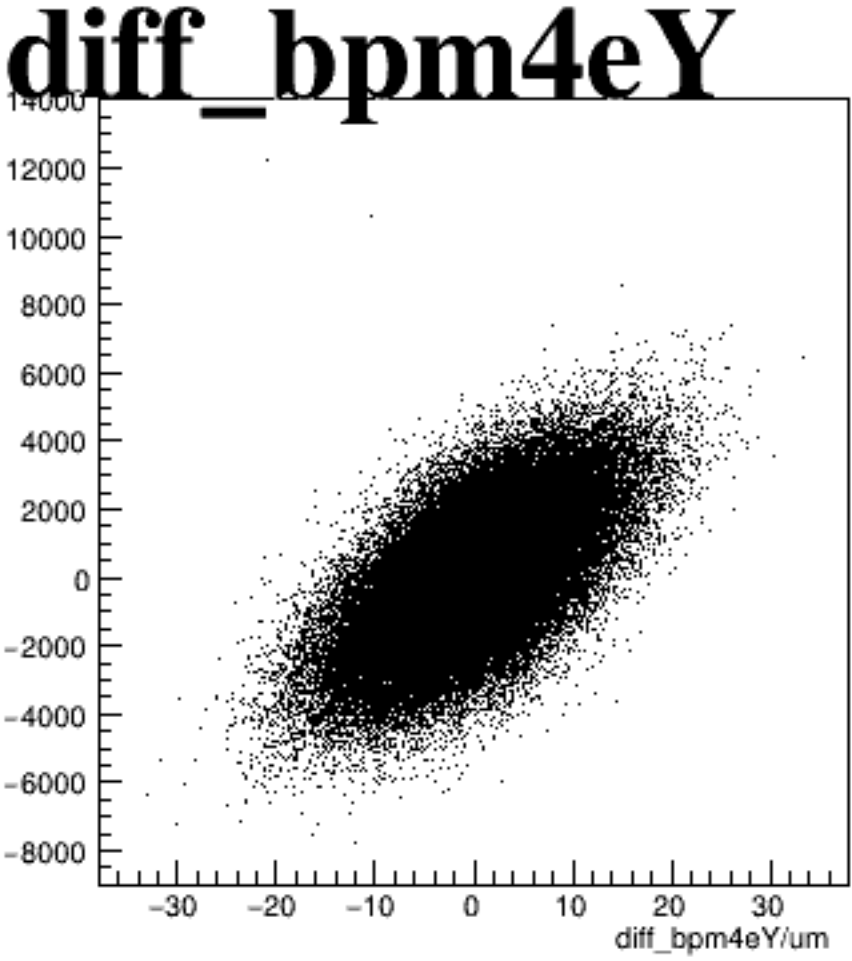
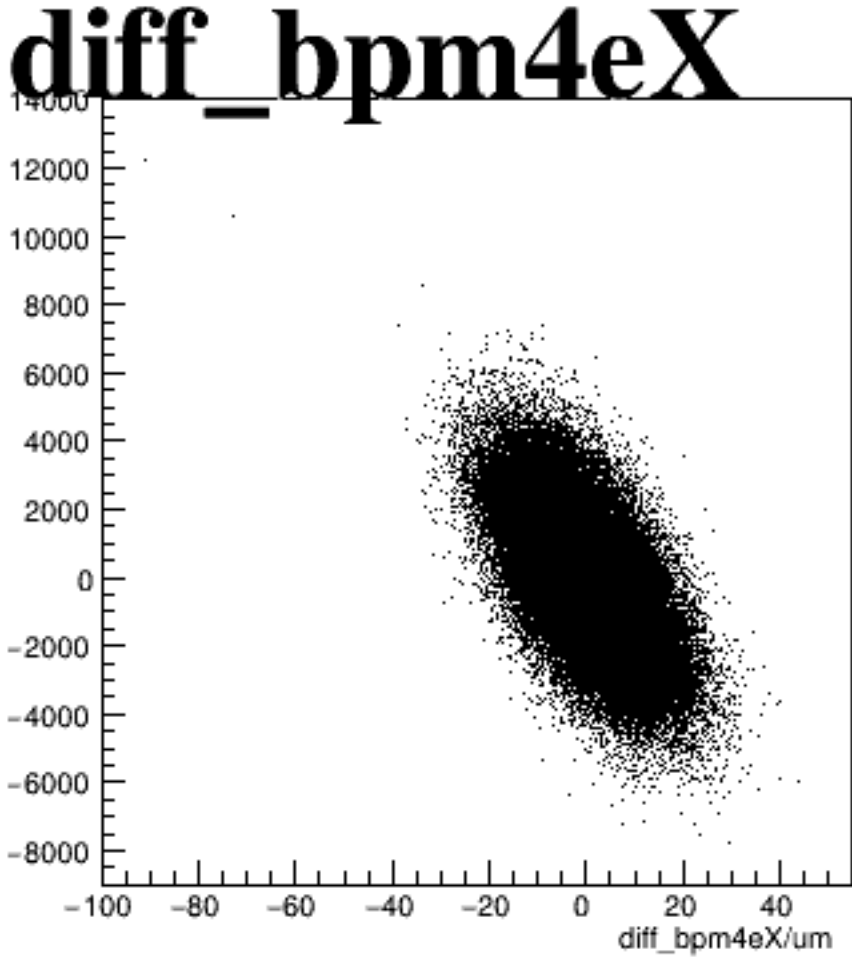
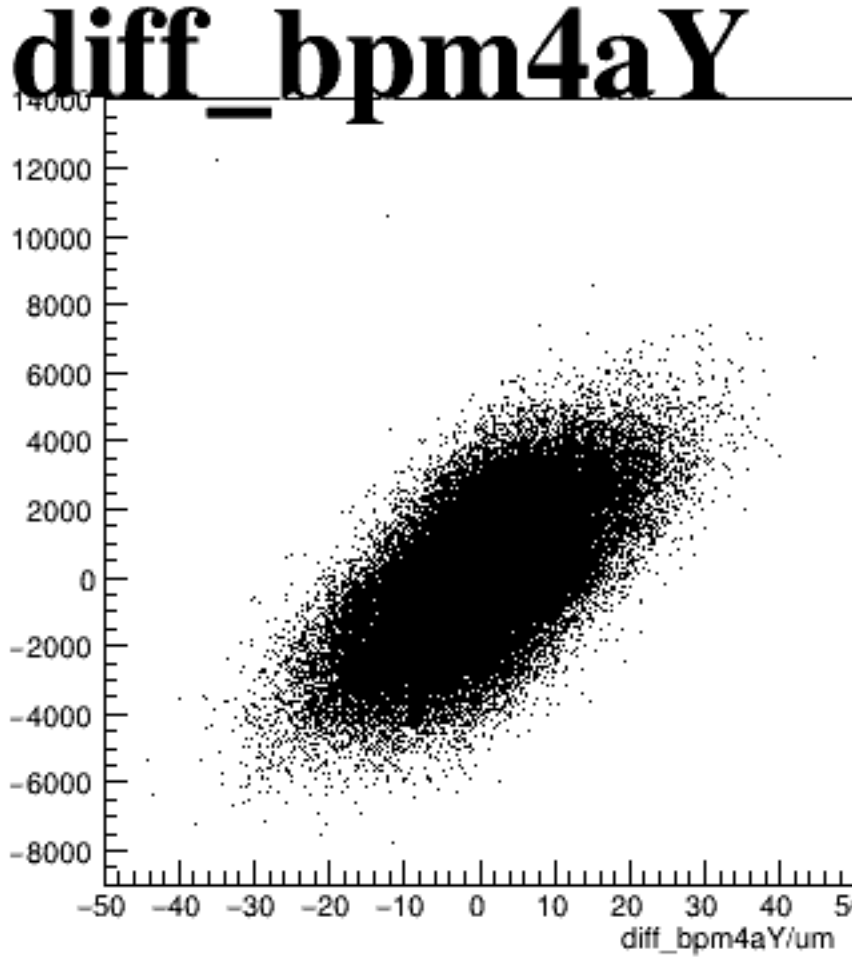
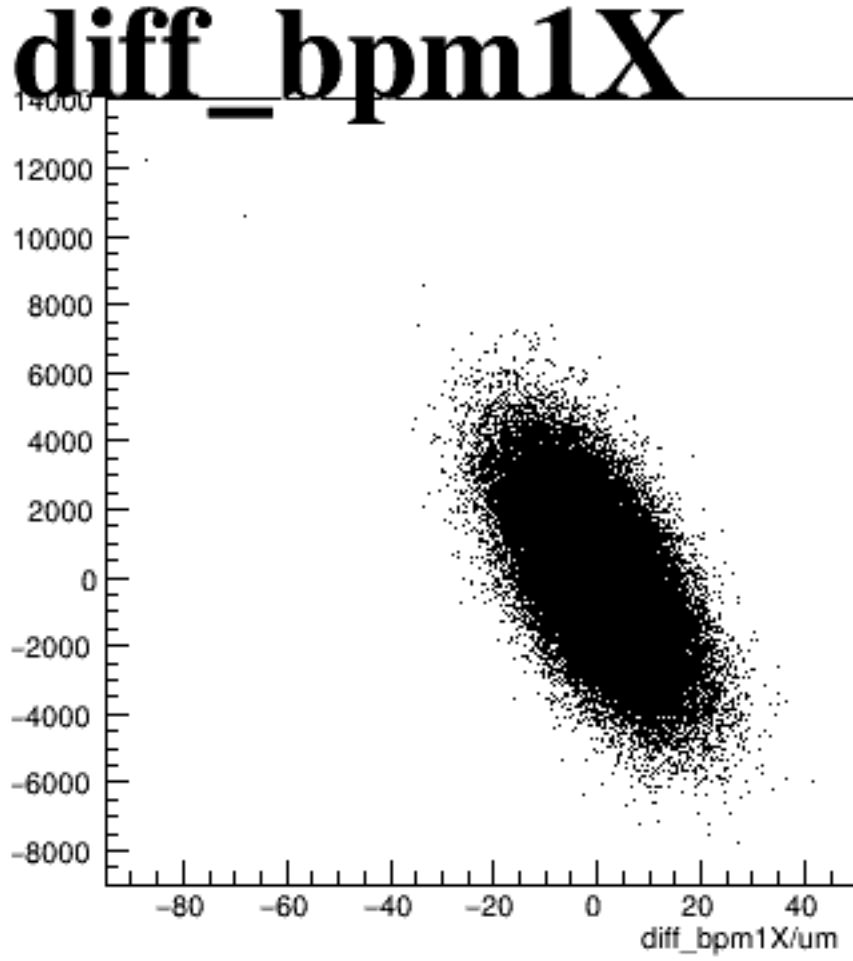
reg_asym_sam8



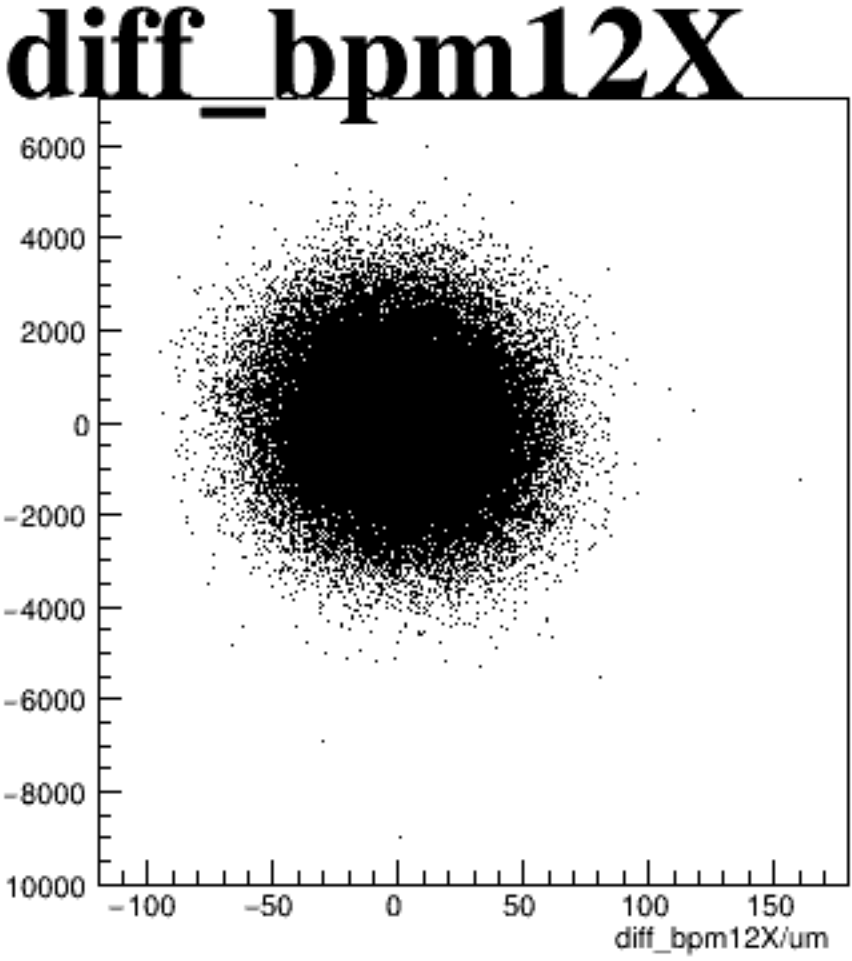
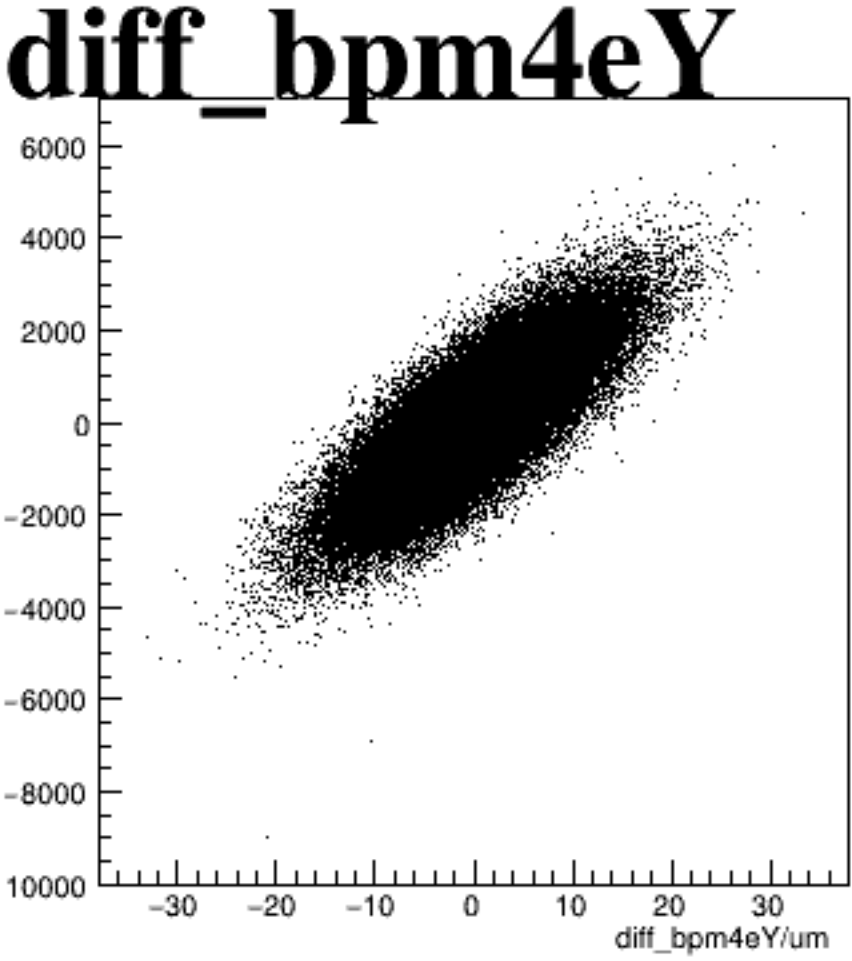
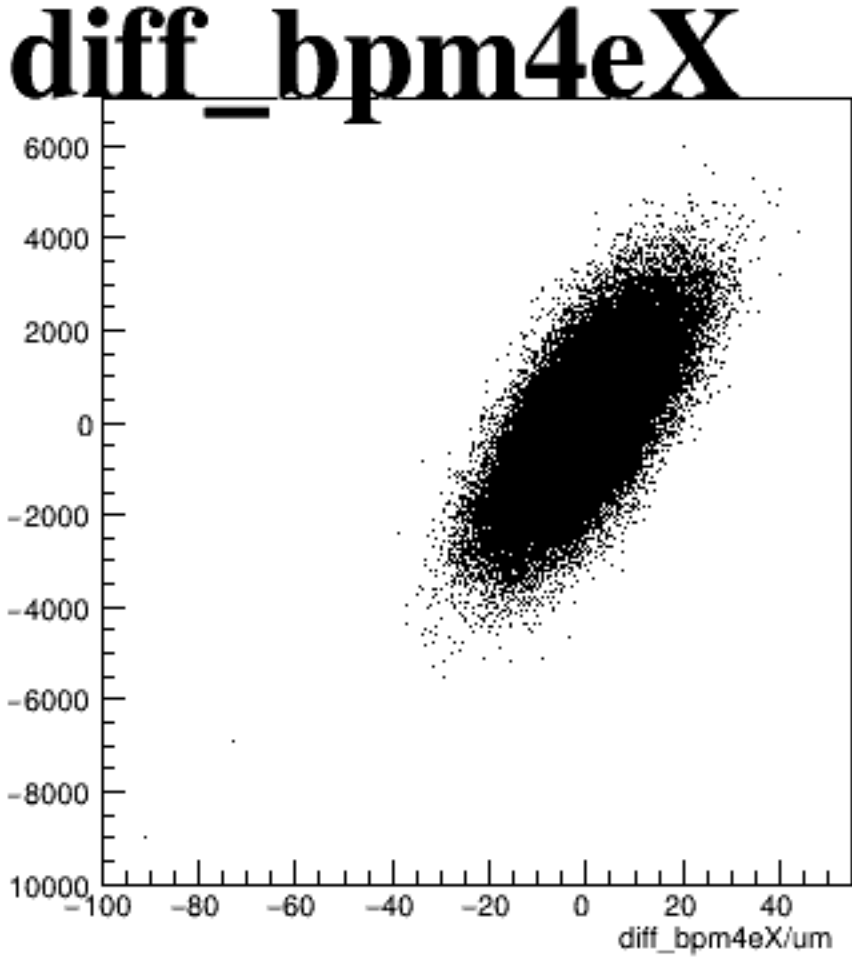
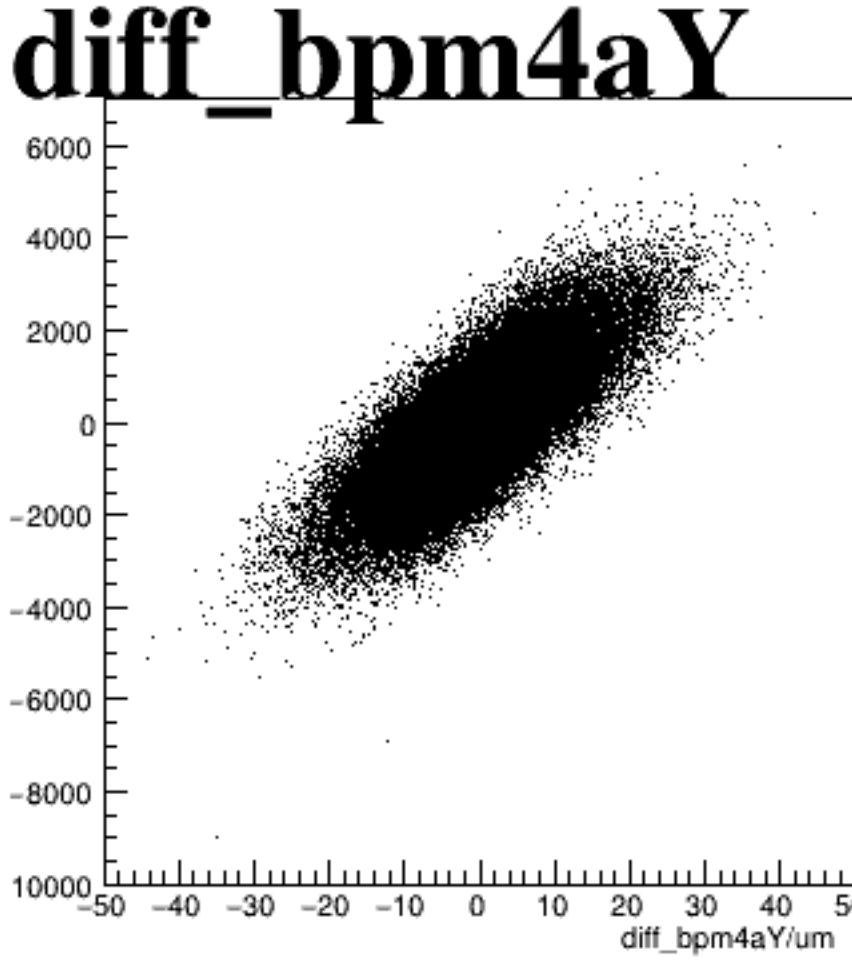
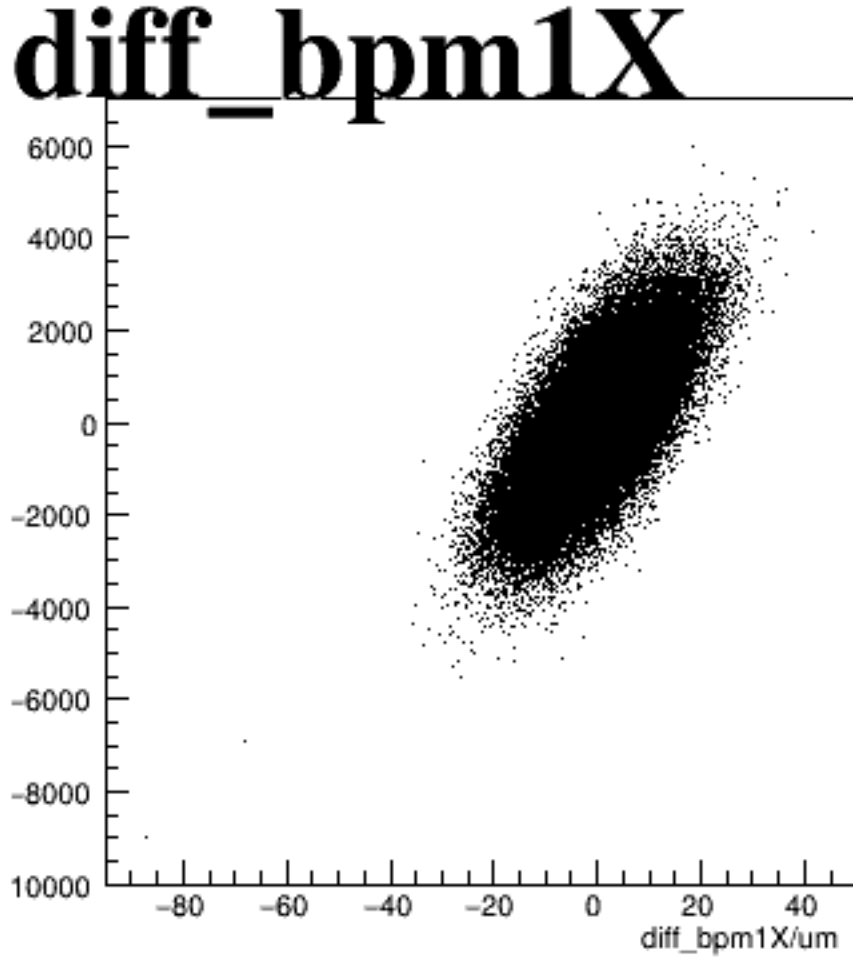
asym_sam2



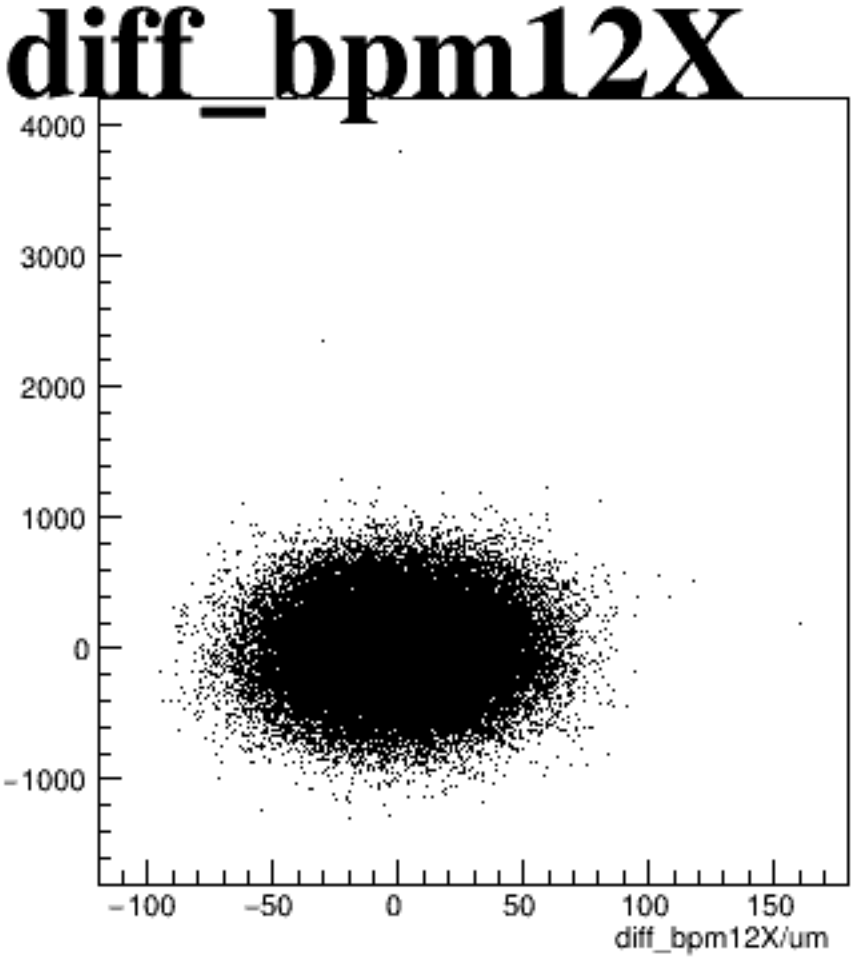
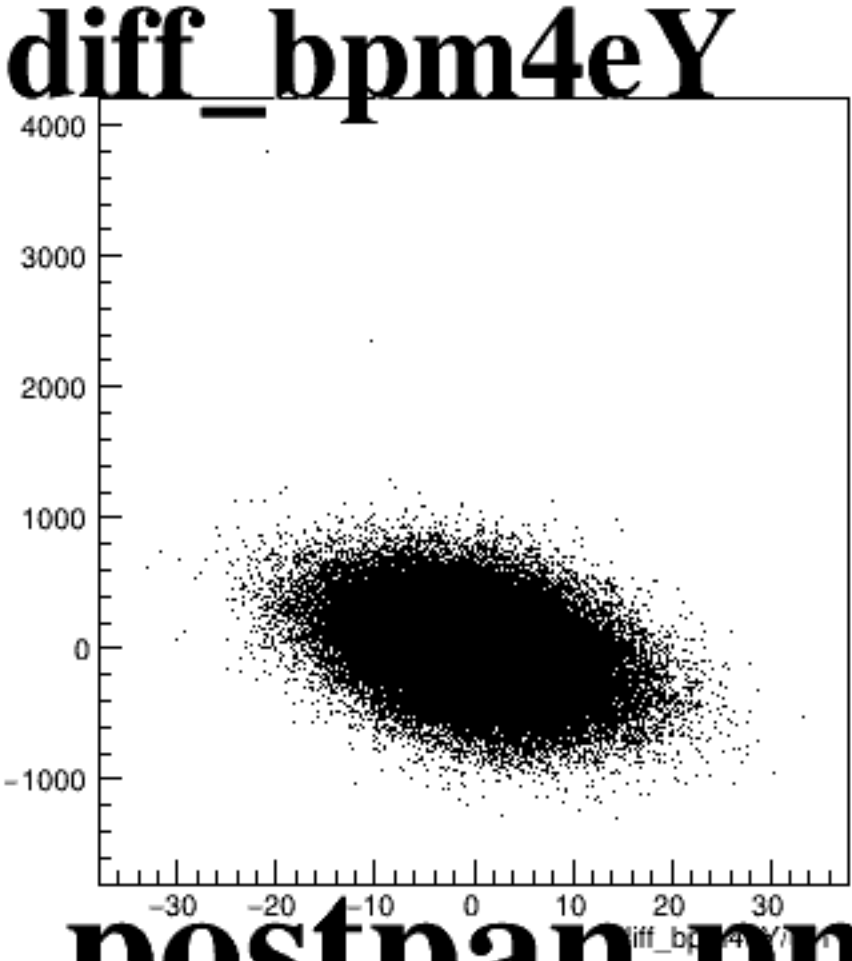
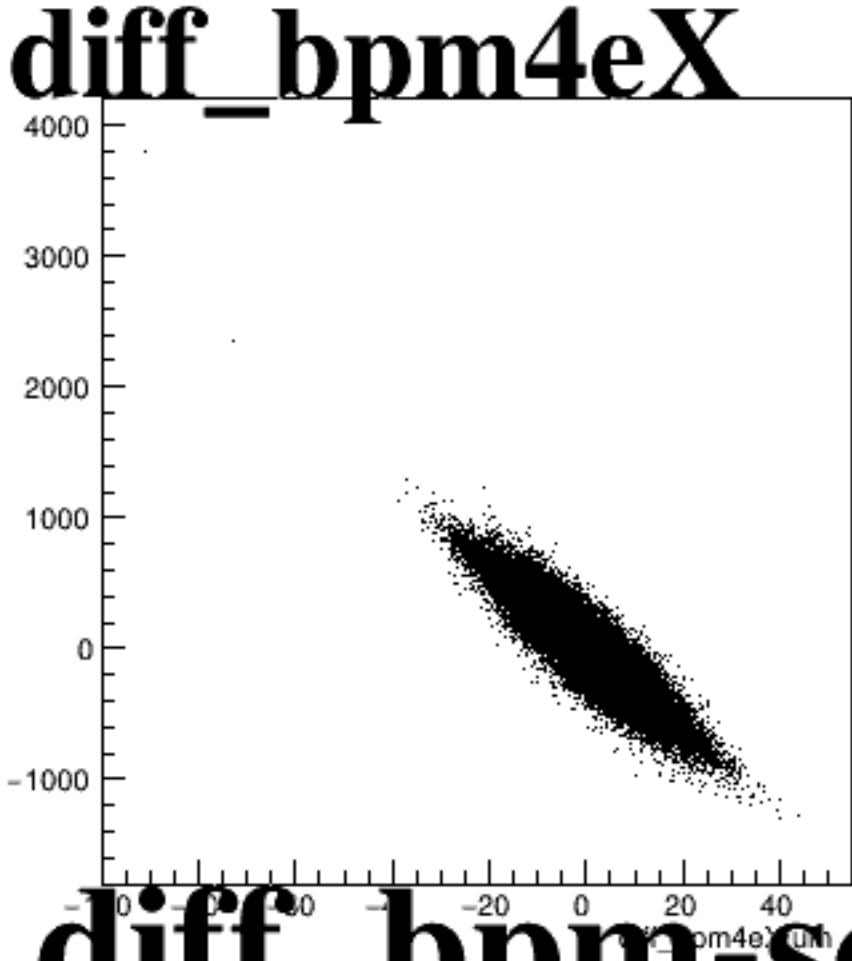
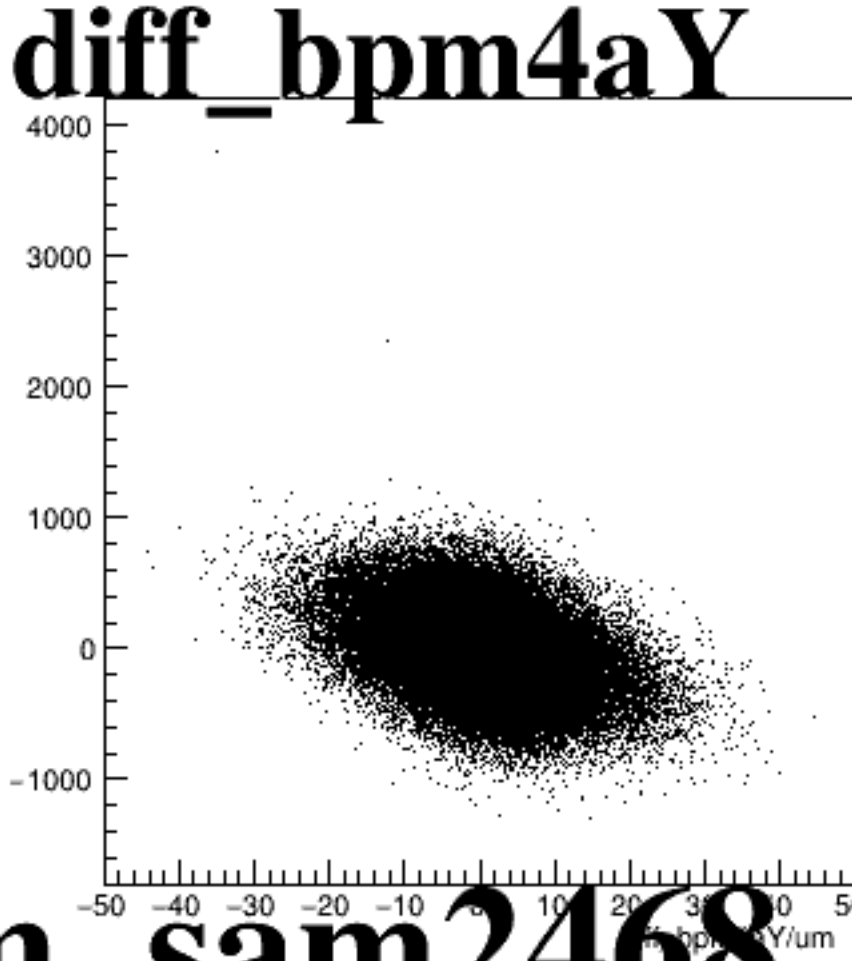
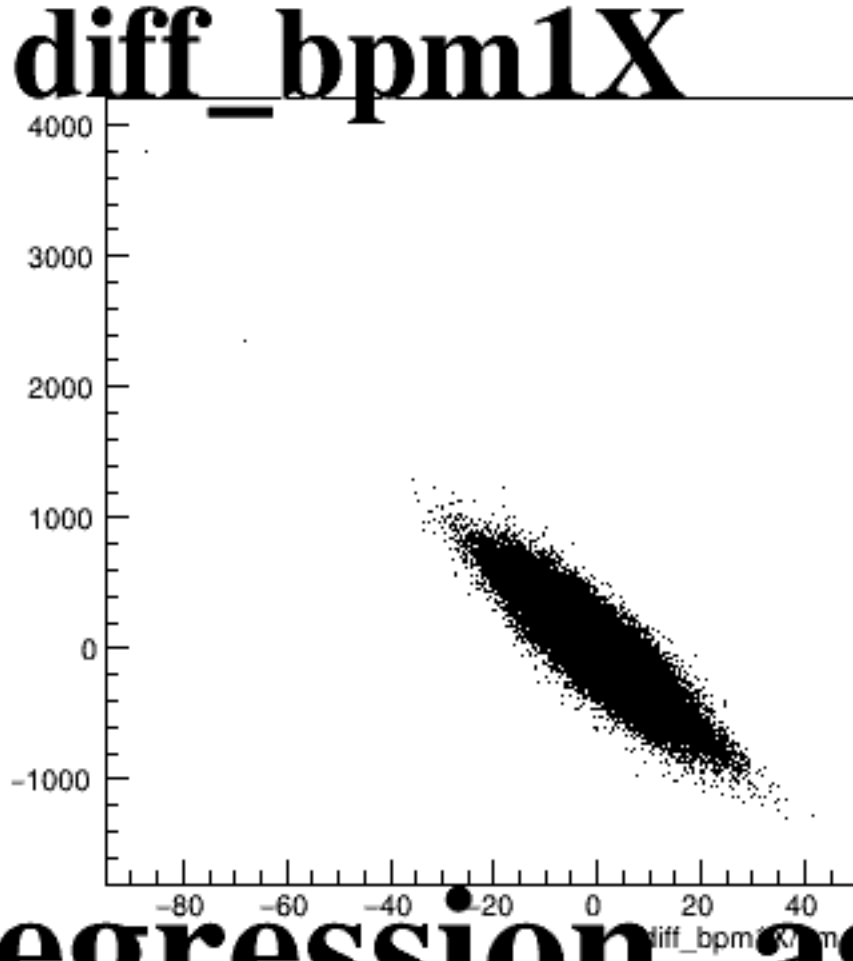
asym_sam4



asym_sam6

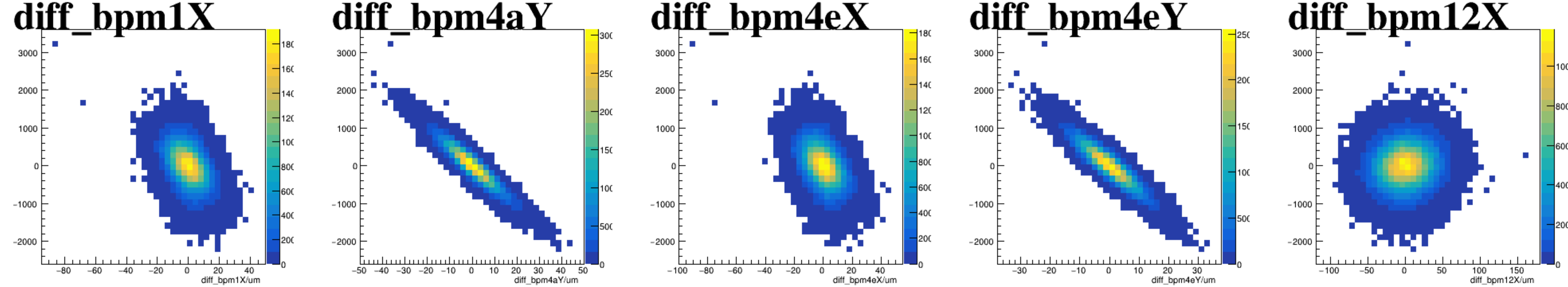


asym_sam8

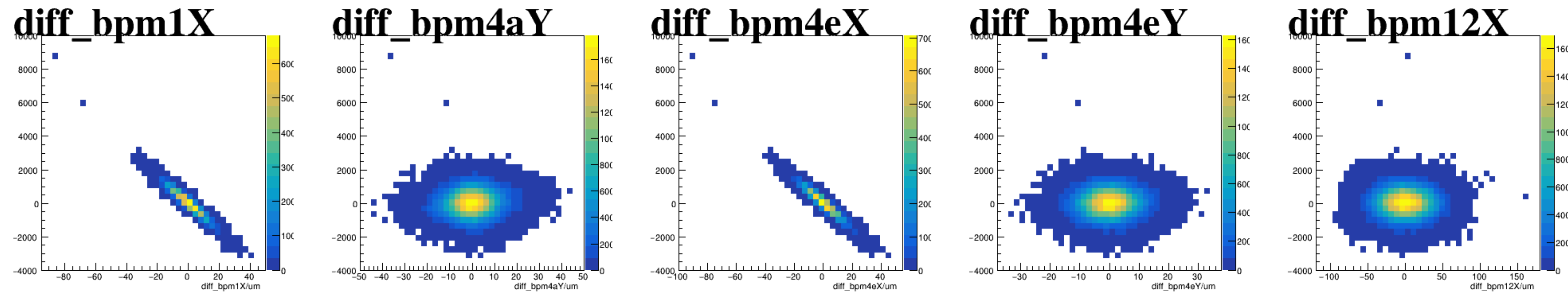


The figure consists of five subplots, each showing a scatter plot of data points. The y-axis for all plots ranges from -1000 to 2000. The x-axis for each plot represents a different diffraction order, with labels below the axis: $\text{diff_bpm1X}/\mu\text{m}$, $\text{diff_bpm4aY}/\mu\text{m}$, $\text{diff_bpm4eX}/\mu\text{m}$, $\text{diff_bpm4eY}/\mu\text{m}$, and $\text{diff_bpm12X}/\mu\text{m}$. The data points are distributed in a roughly circular pattern centered around the origin (0,0) in each plot.

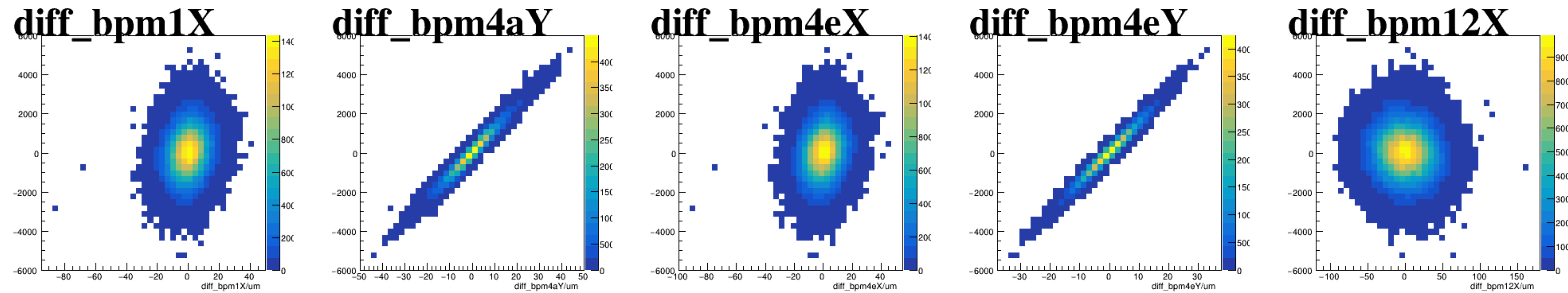
asym_sam1



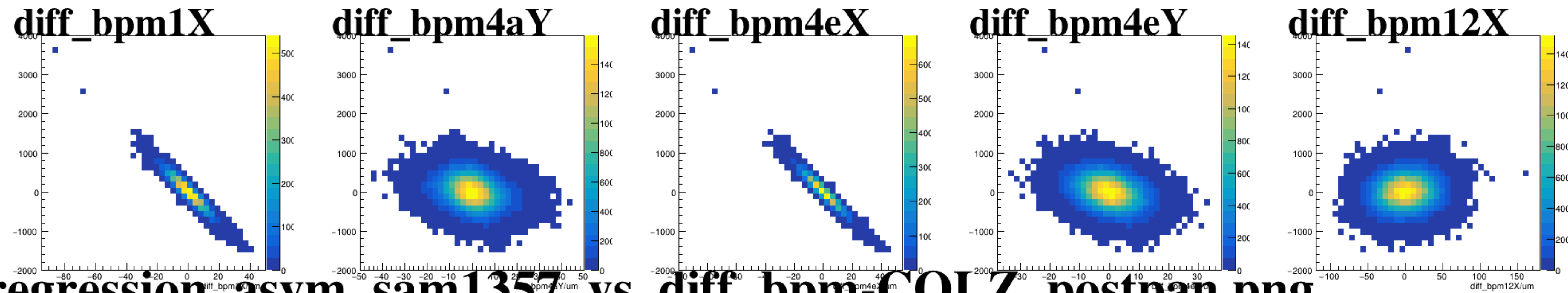
asym_sam3



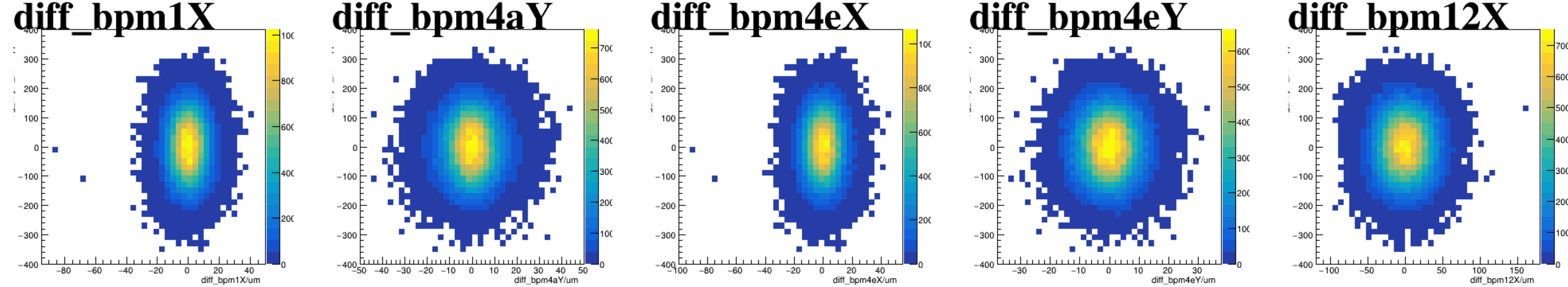
asym_sam5



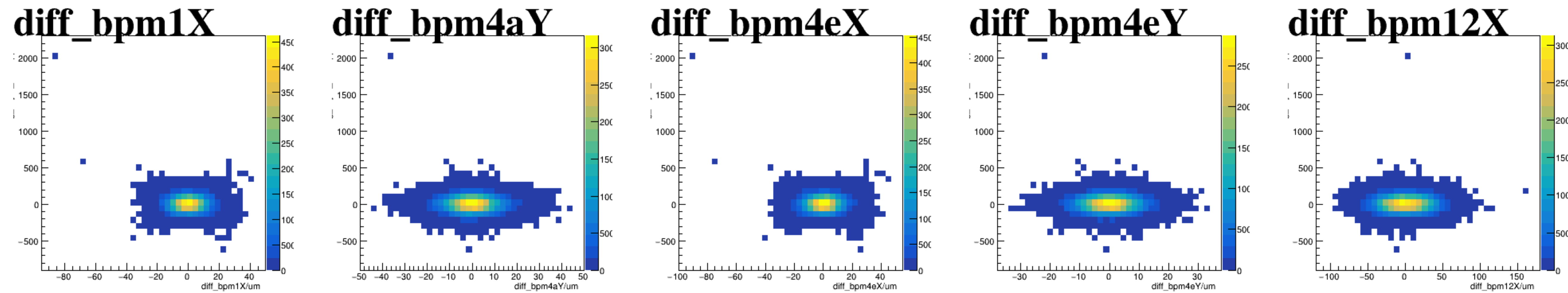
asym_sam7



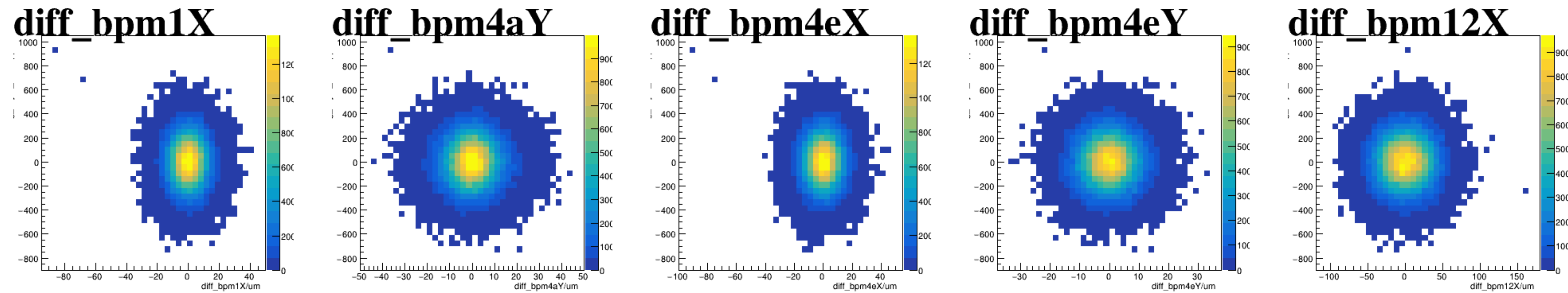
reg_asym_sam1



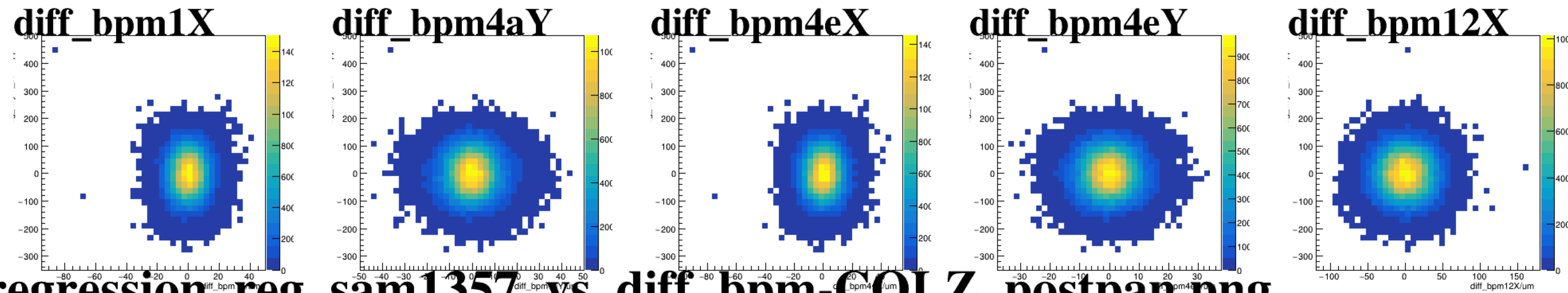
reg_asym_sam3



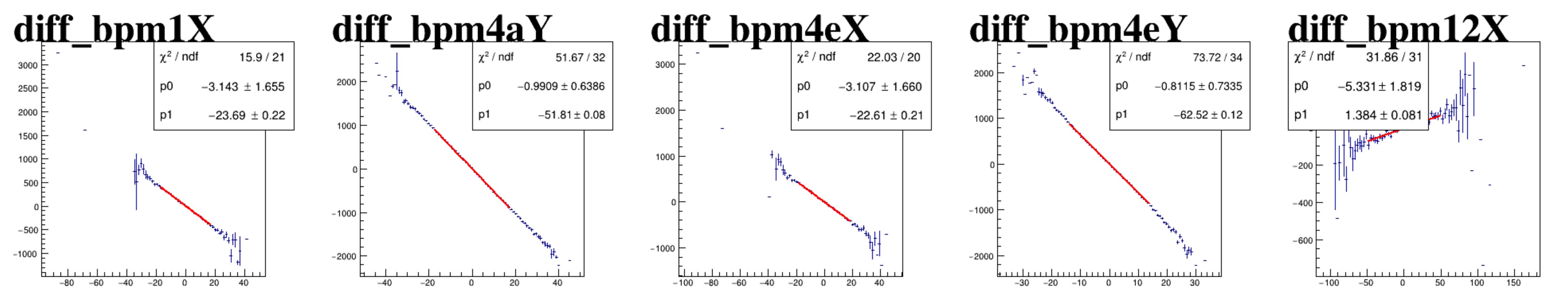
reg_asym_sam5



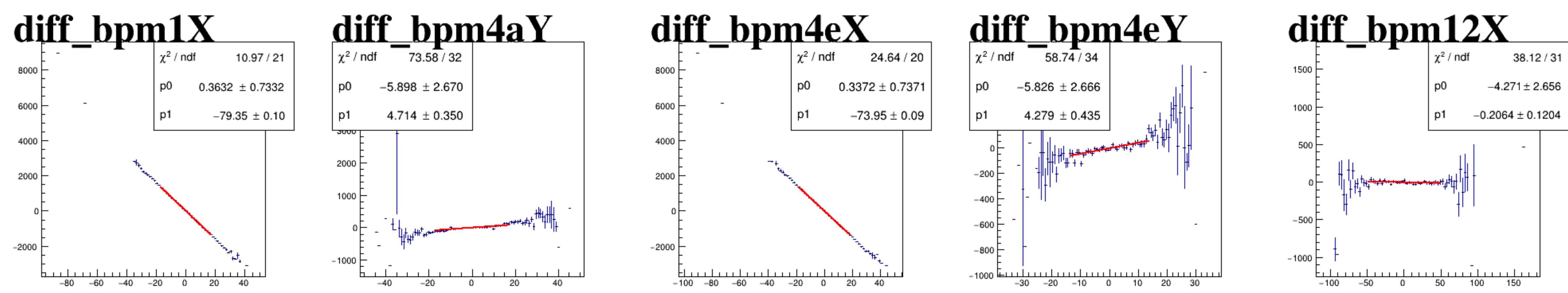
reg_asym_sam7



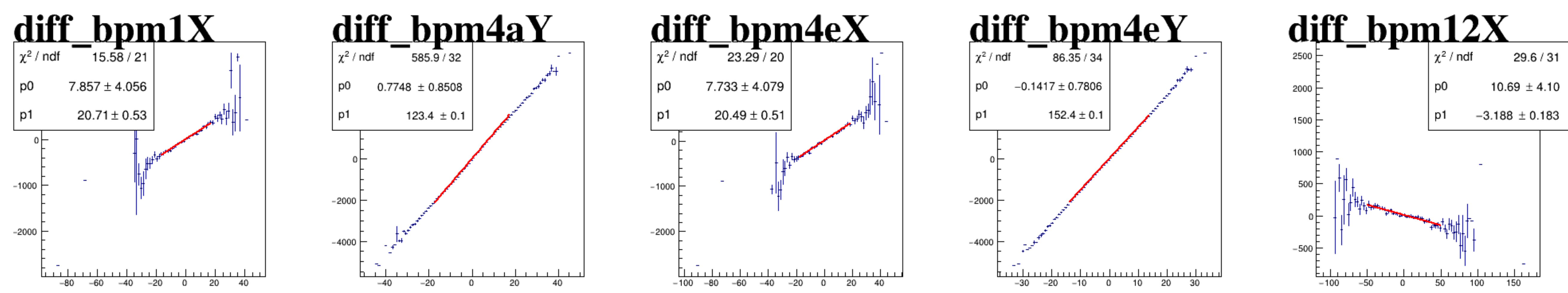
asym_sam1



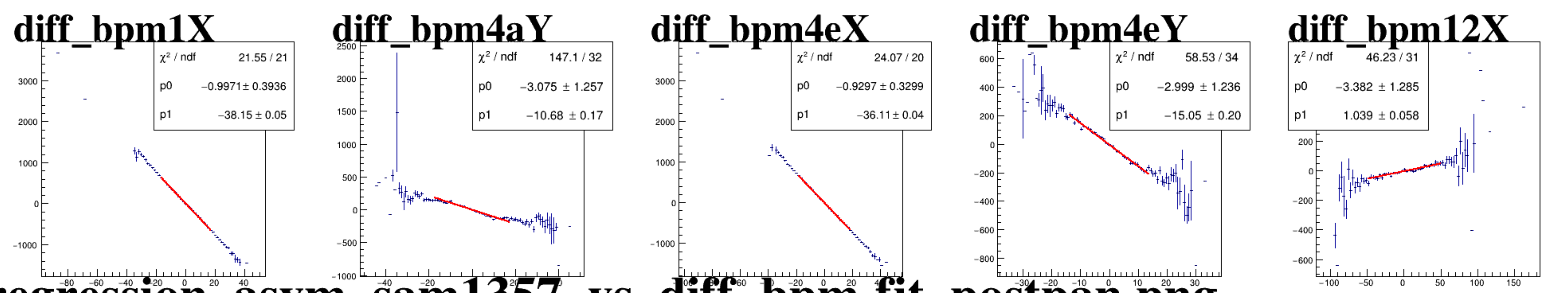
asym_sam3



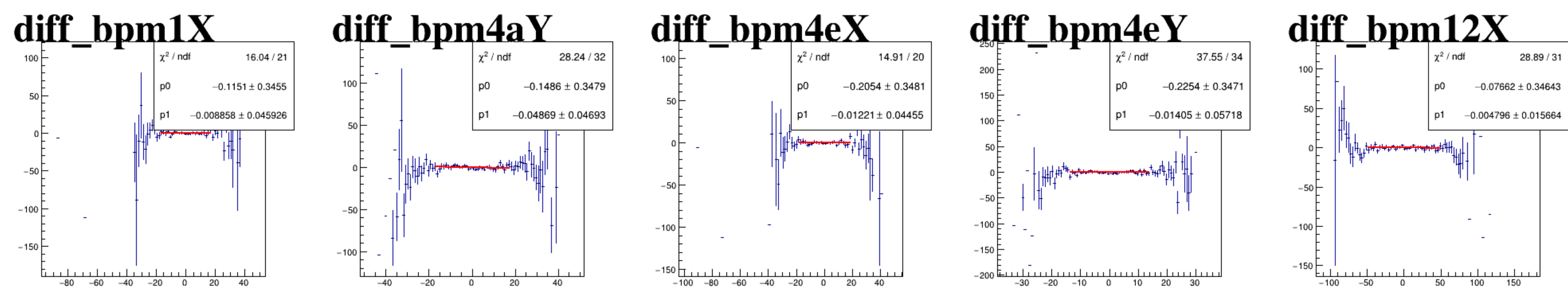
asym_sam5



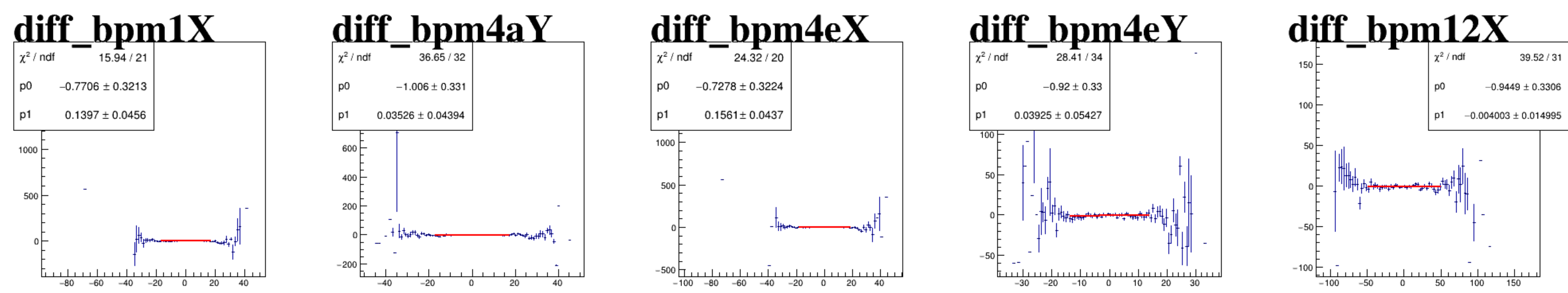
asym_sam7



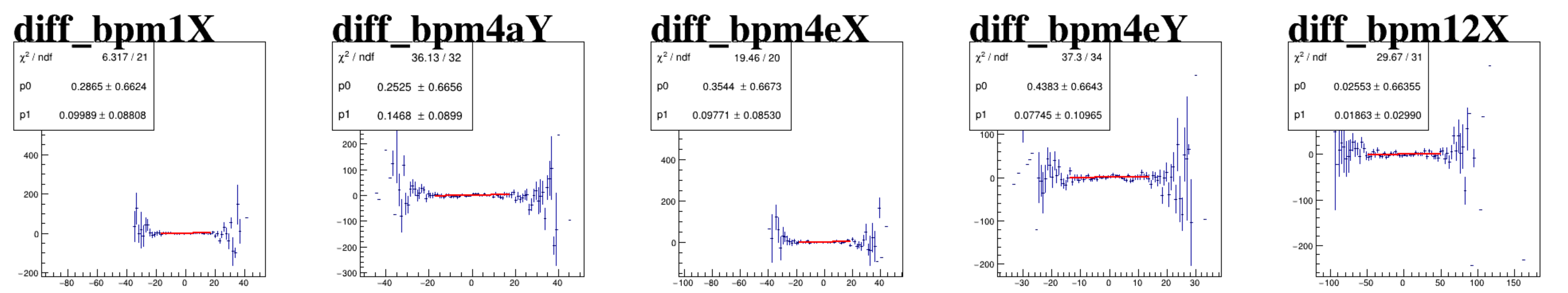
reg_asym_sam1



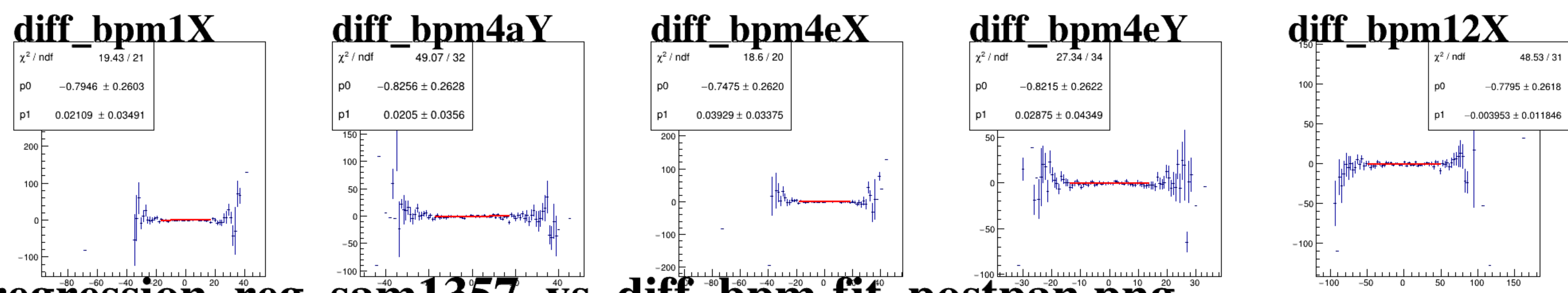
reg_asym_sam3



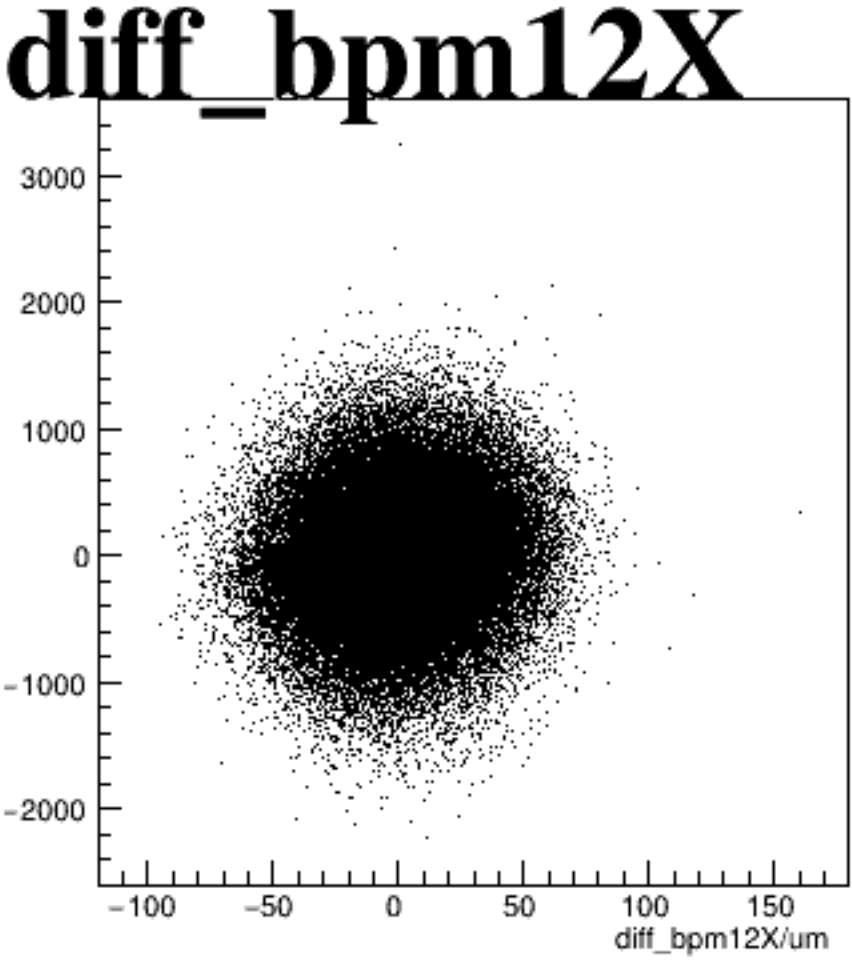
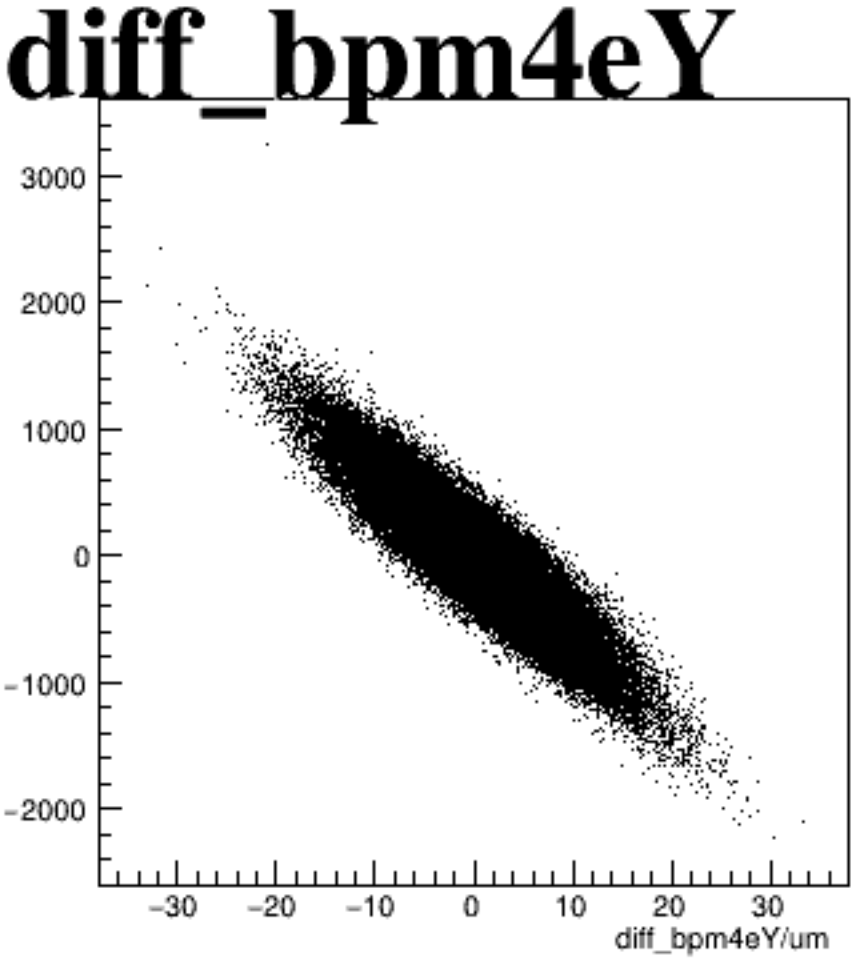
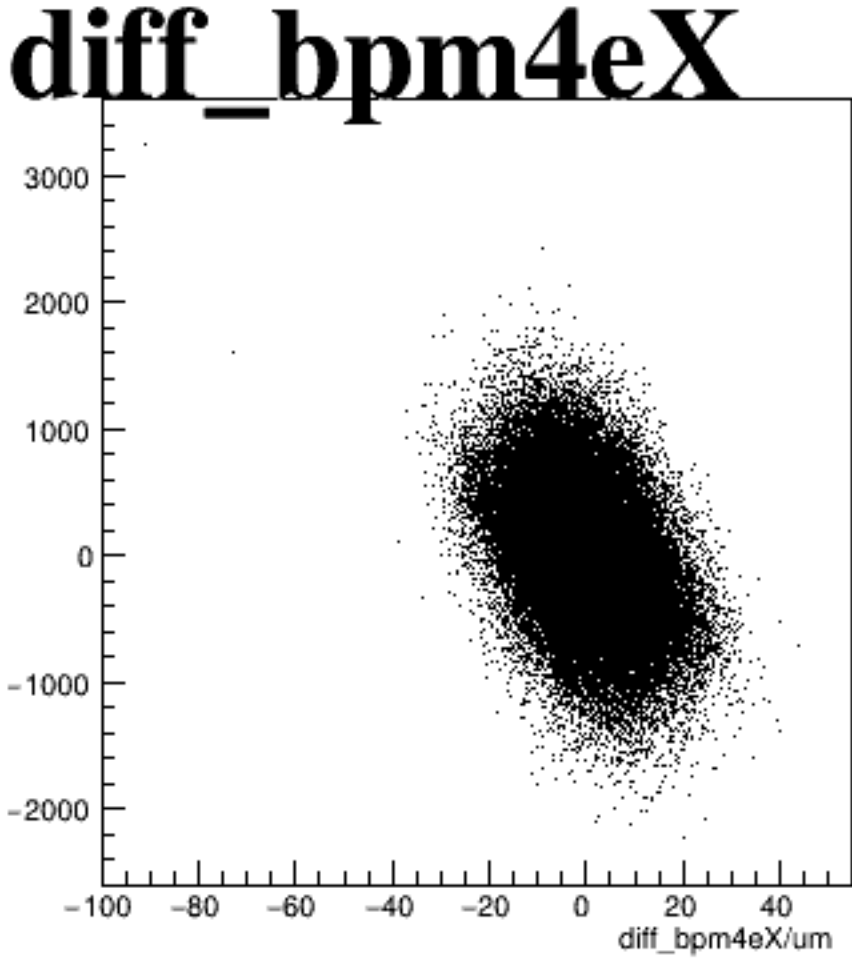
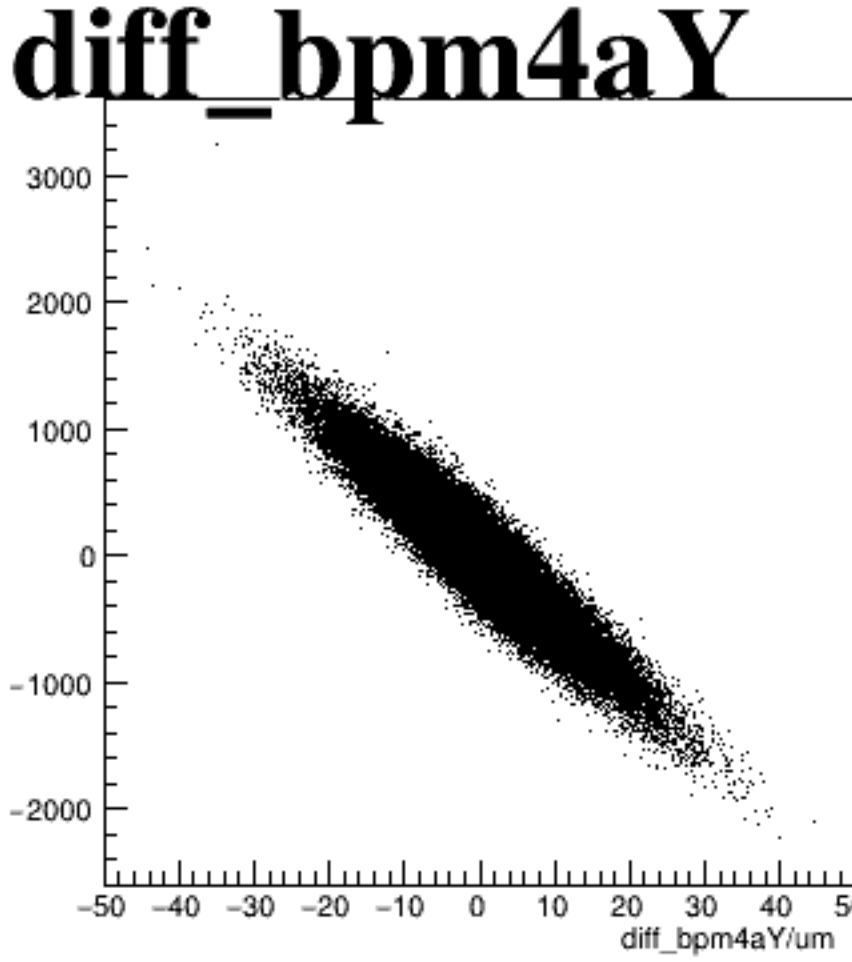
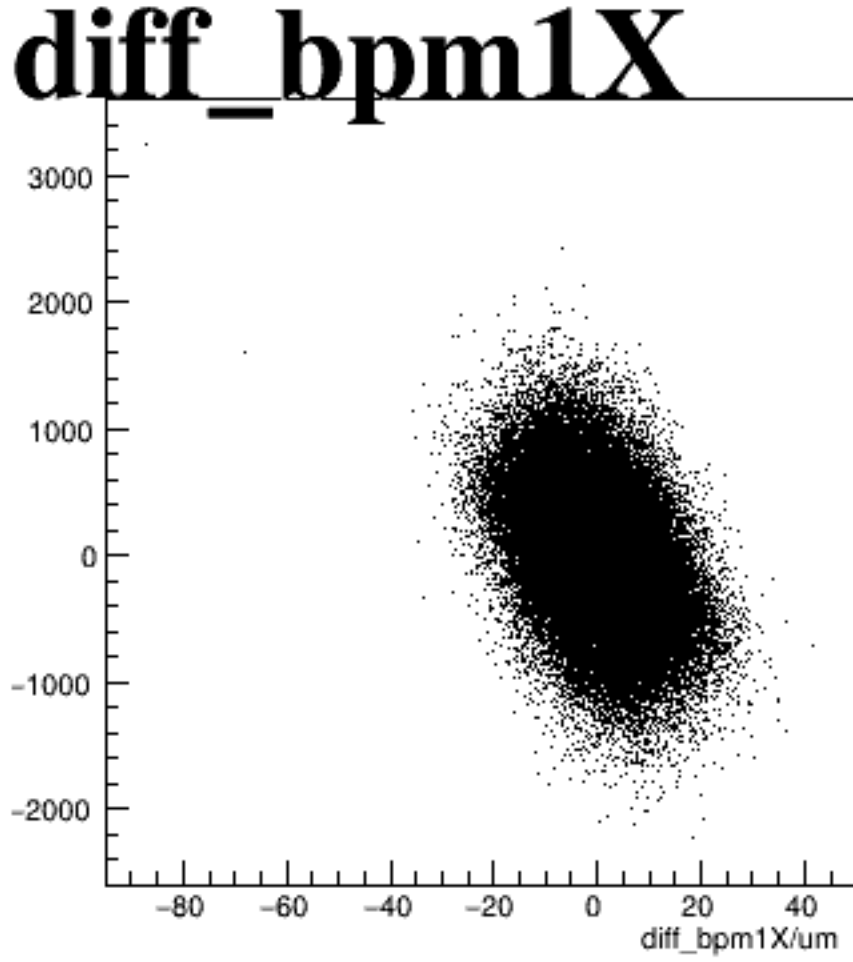
reg_asym_sam5



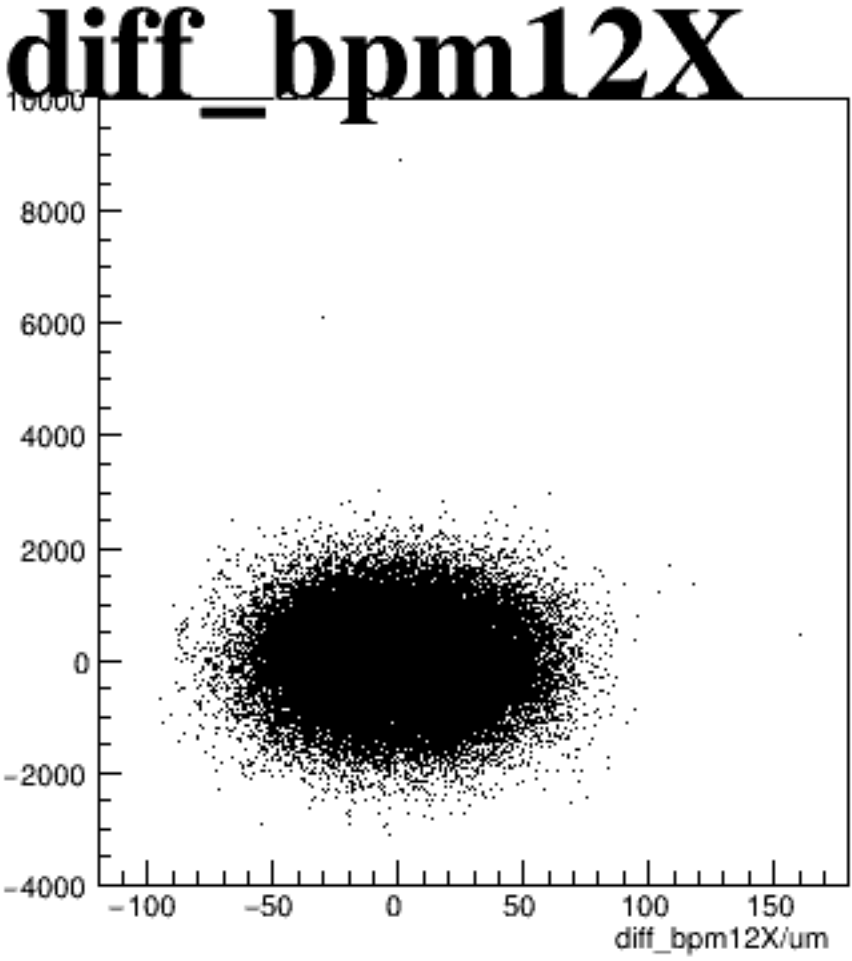
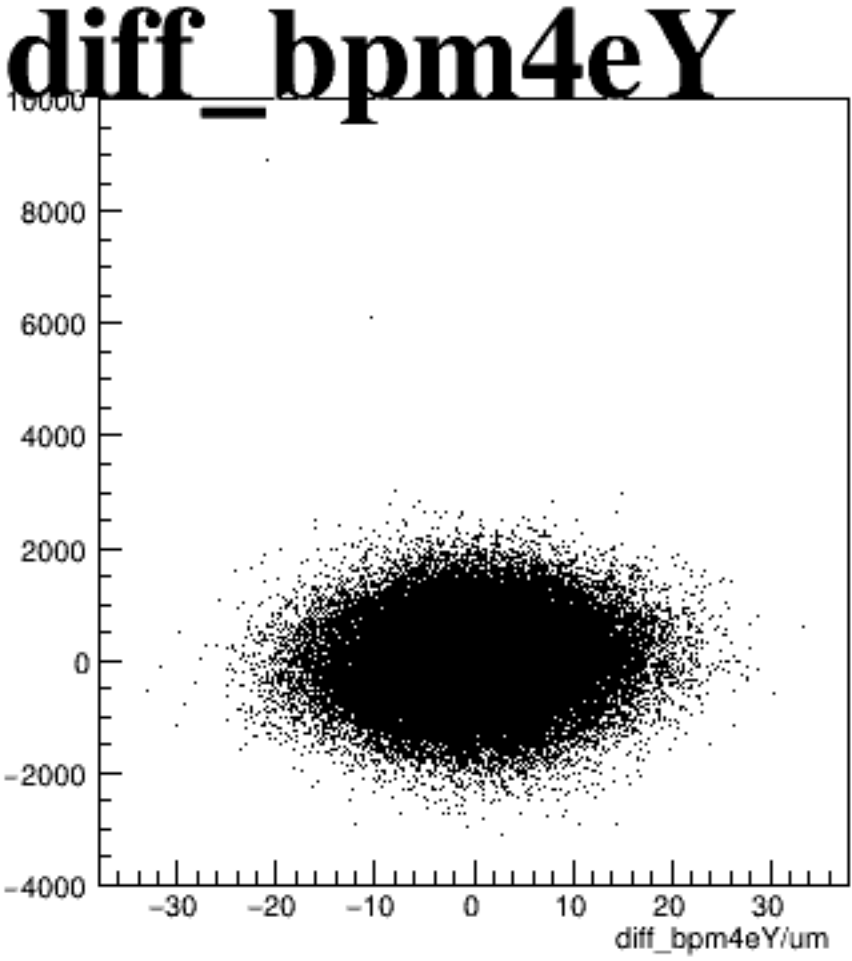
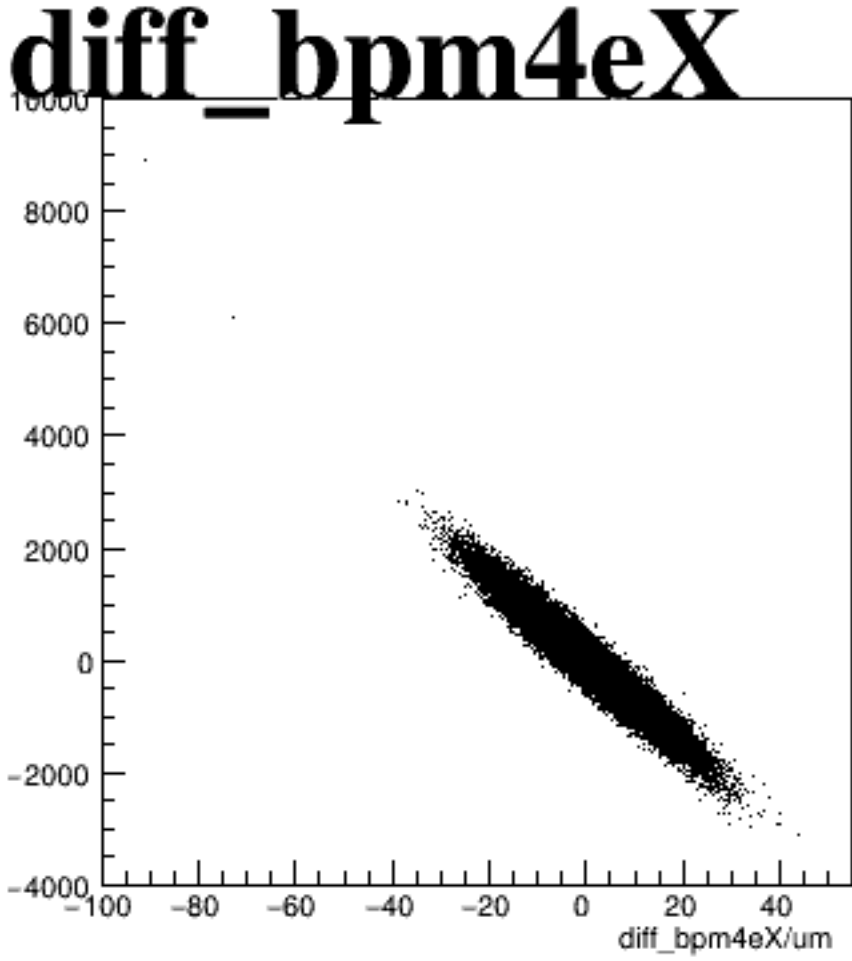
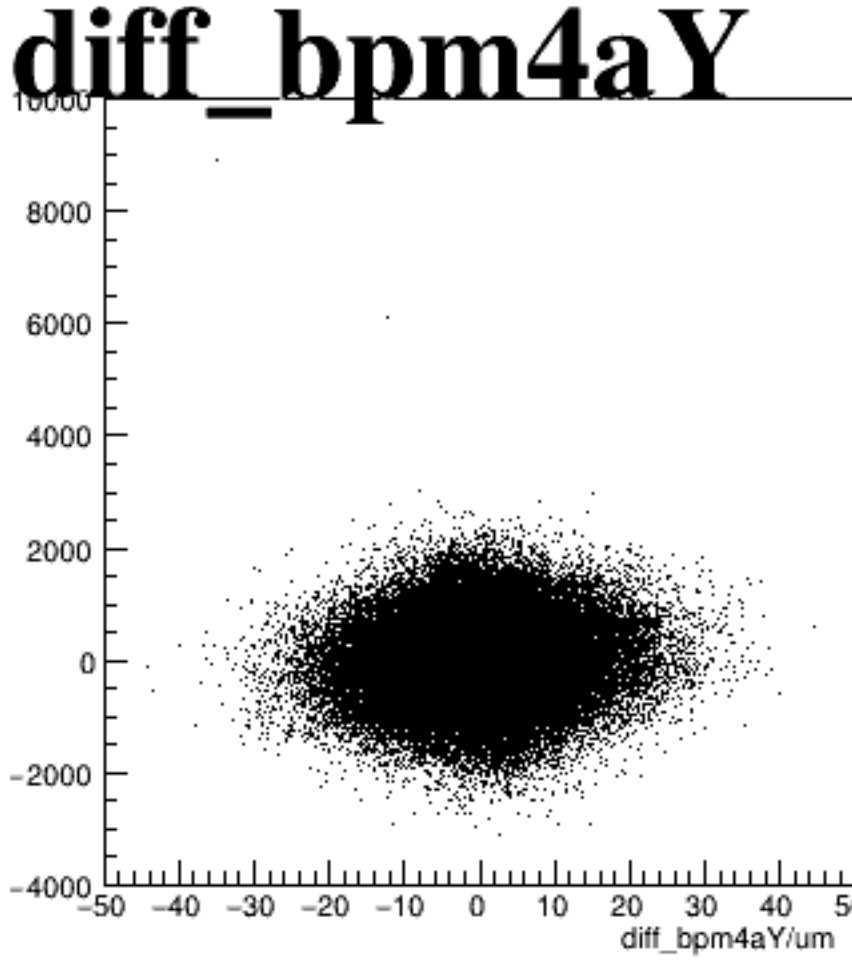
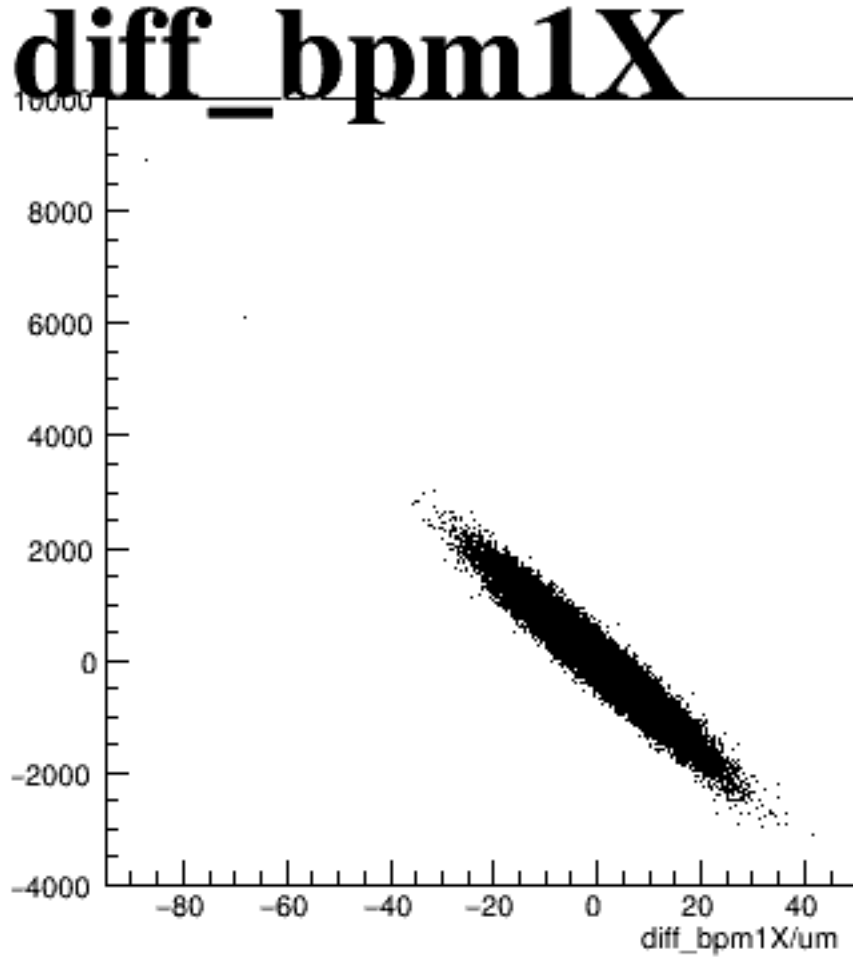
reg_asym_sam7



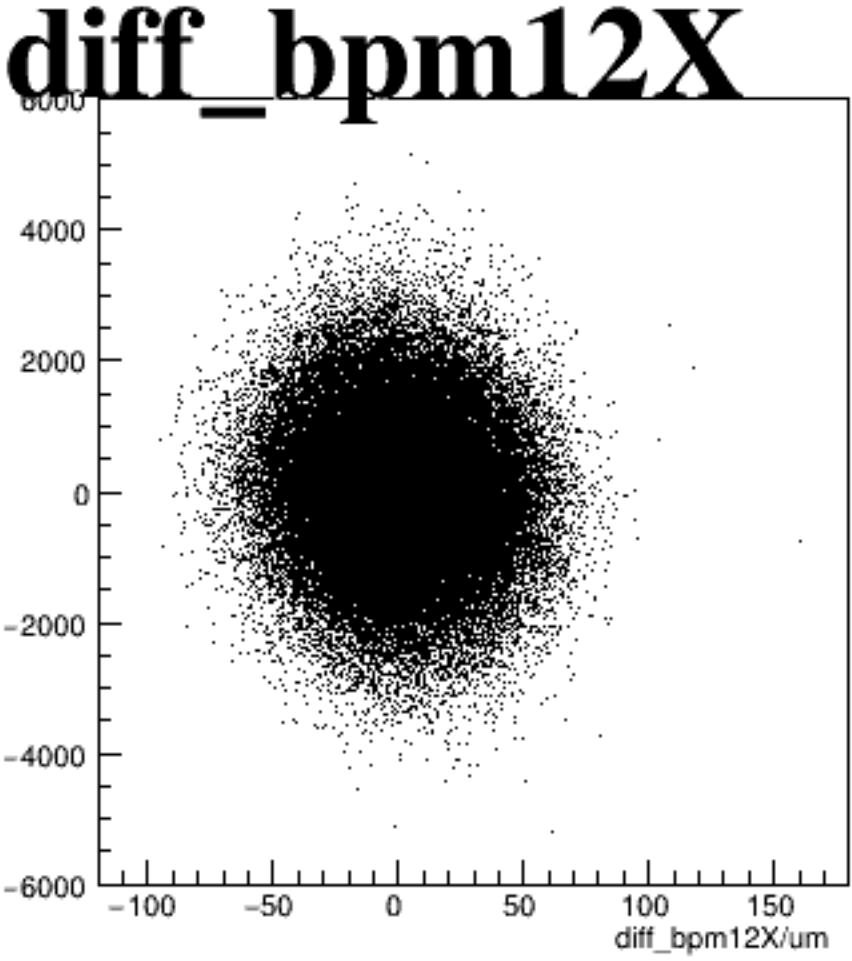
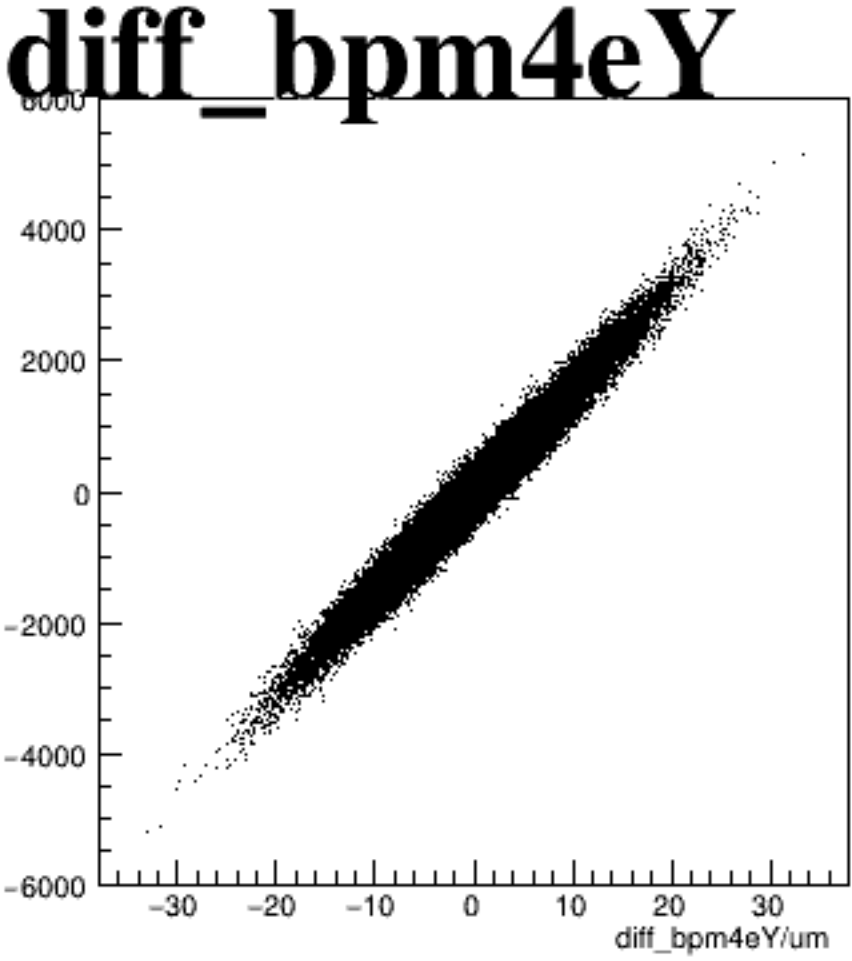
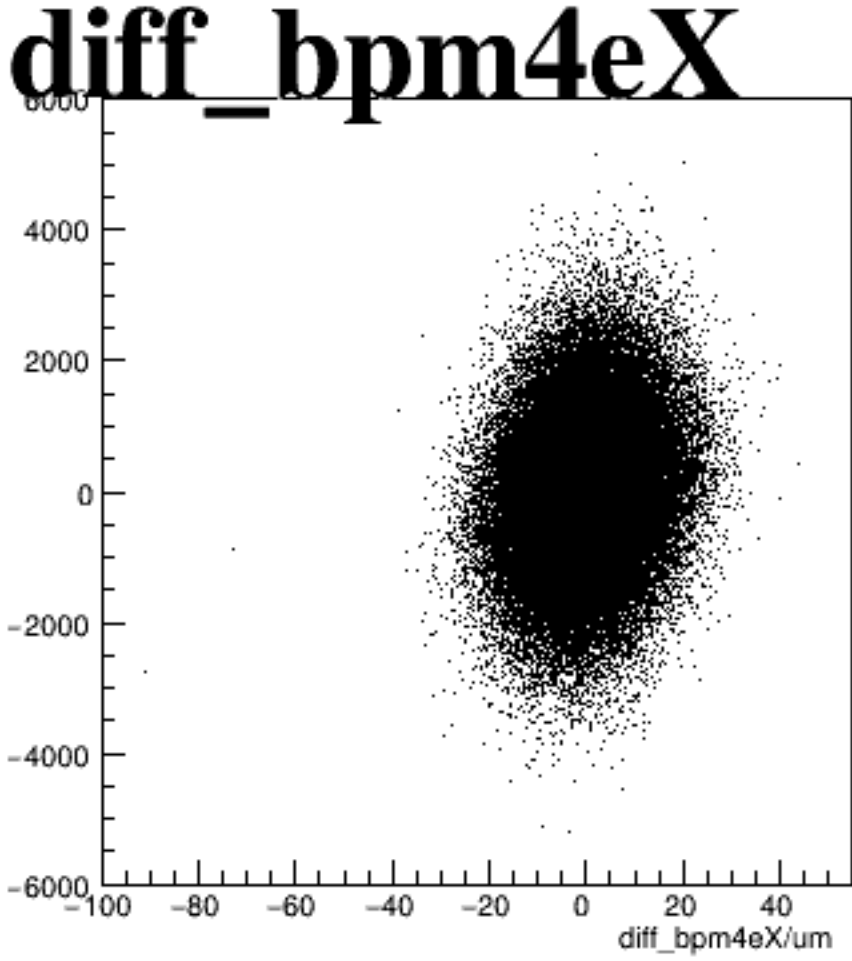
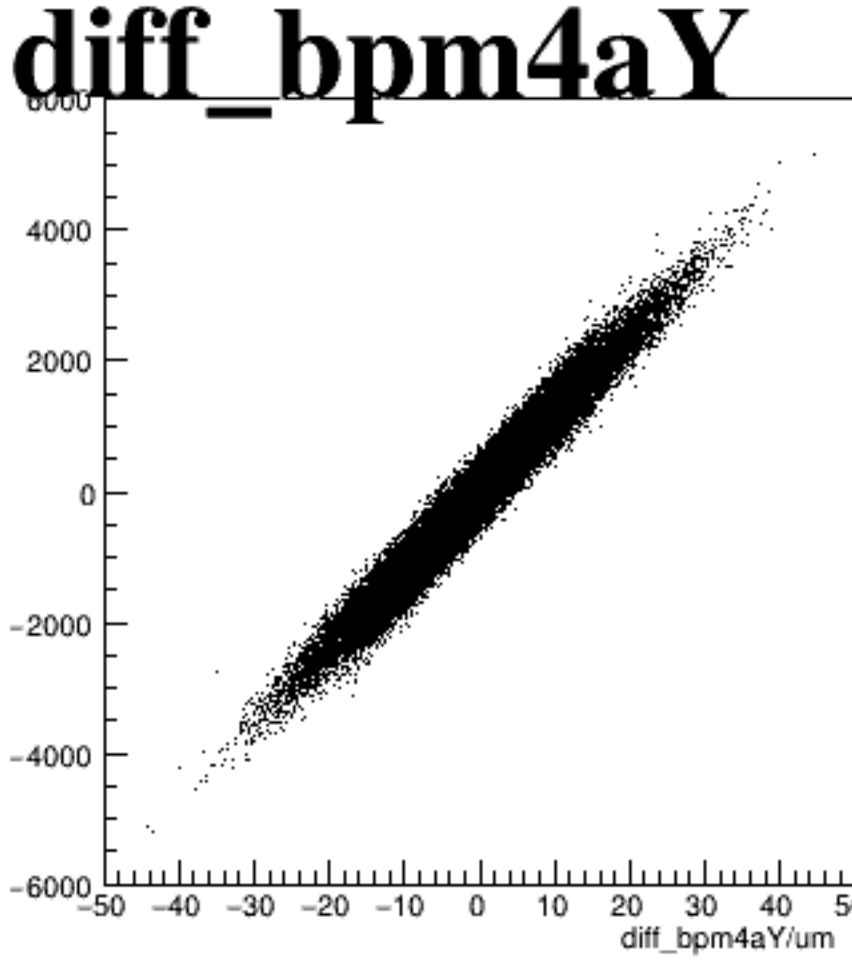
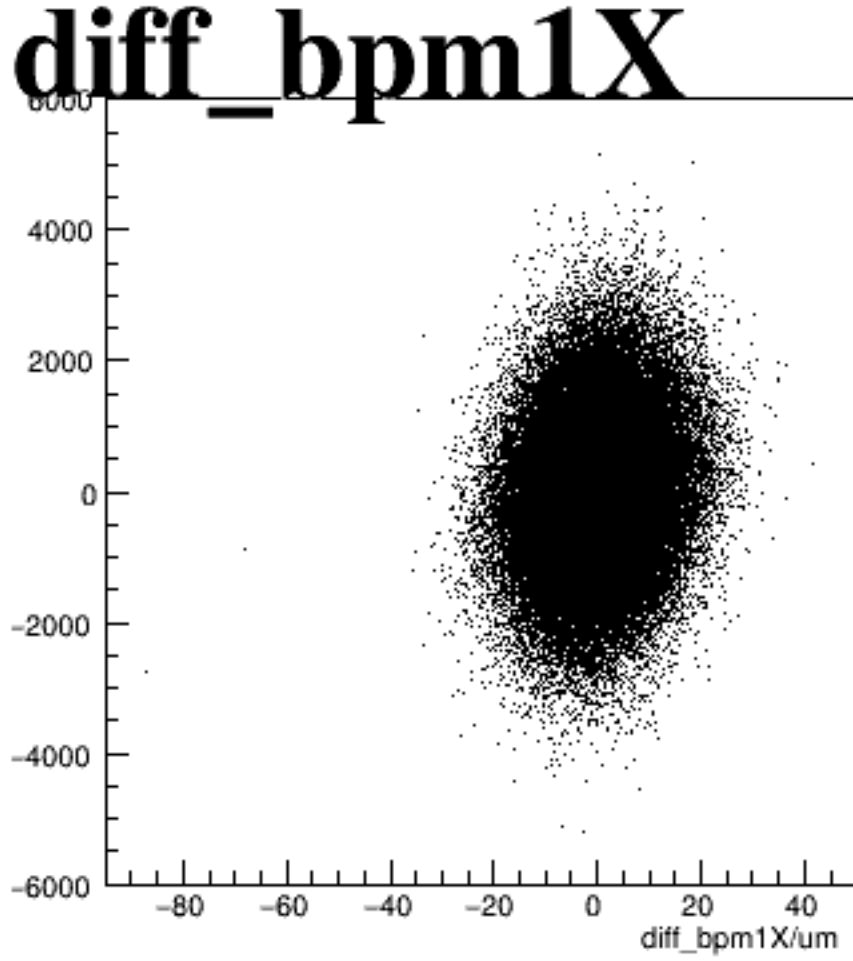
asym_sam1



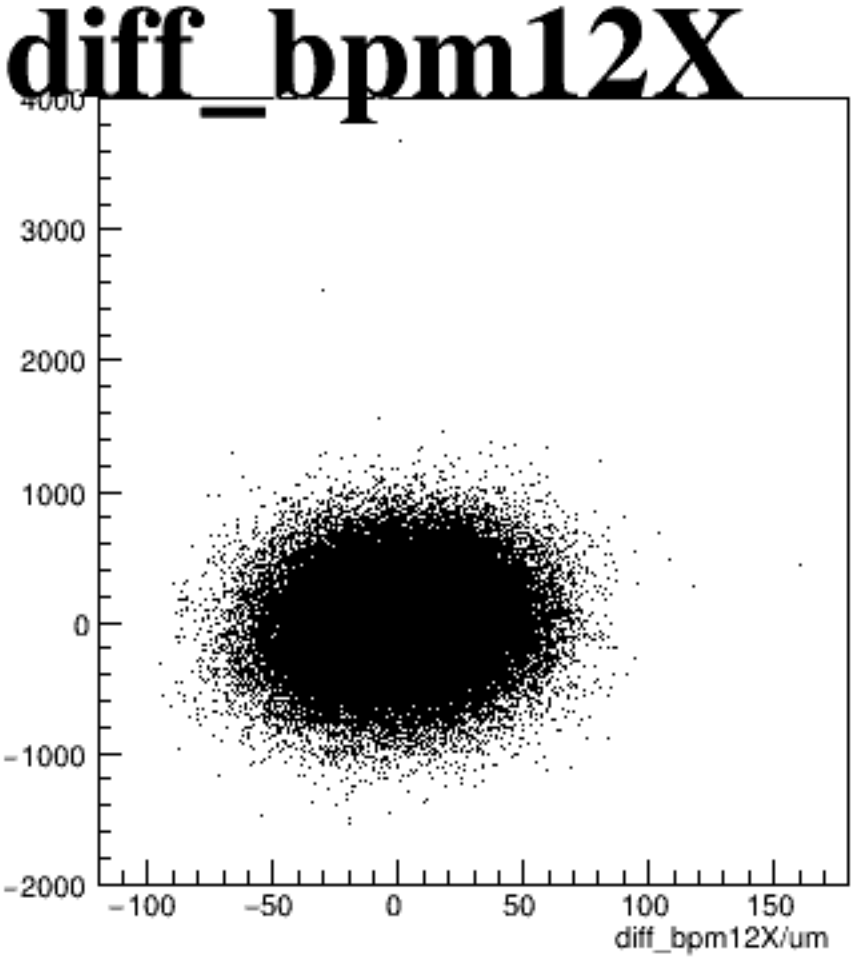
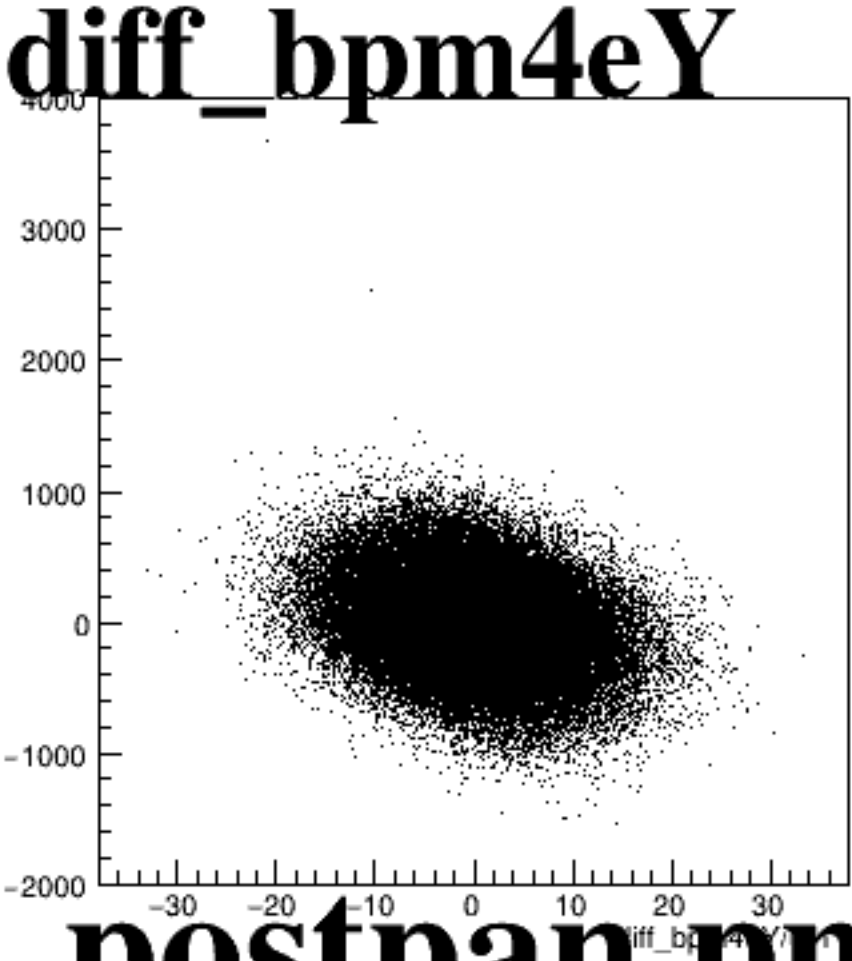
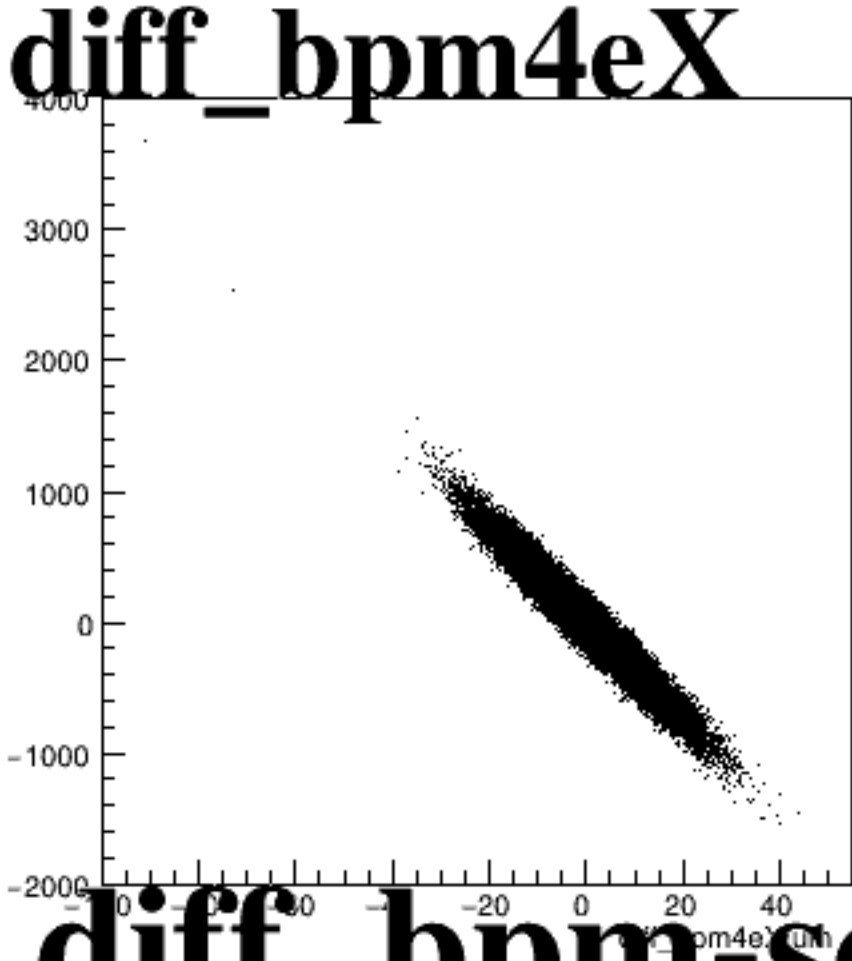
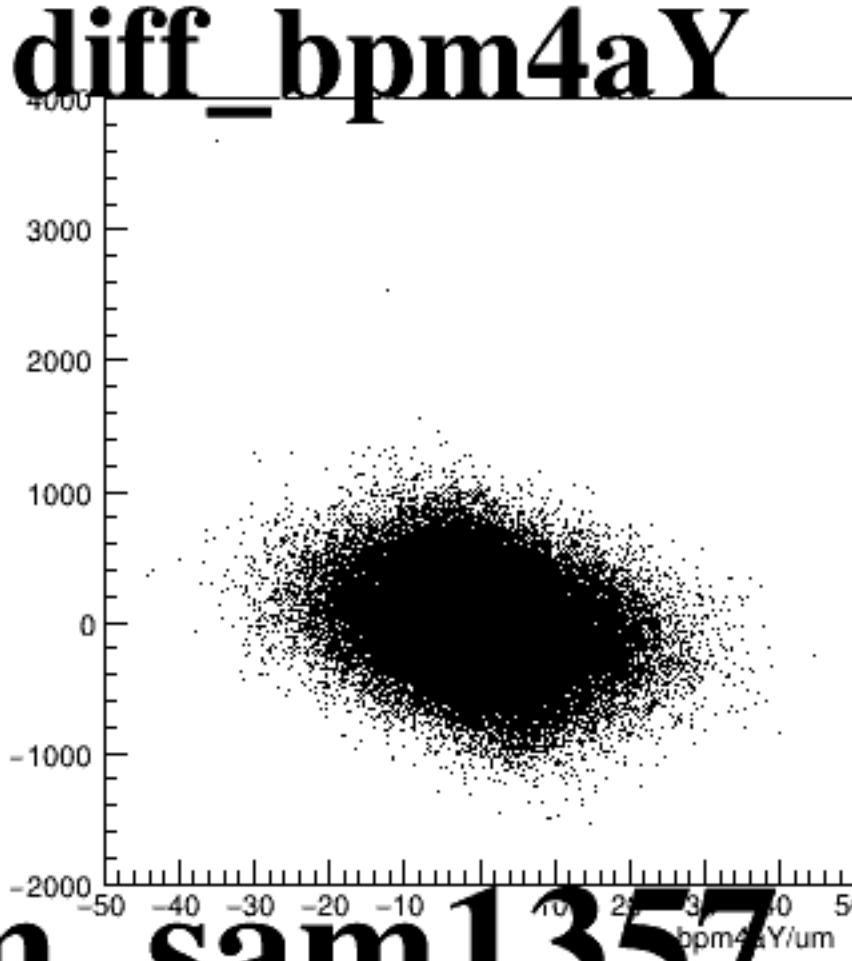
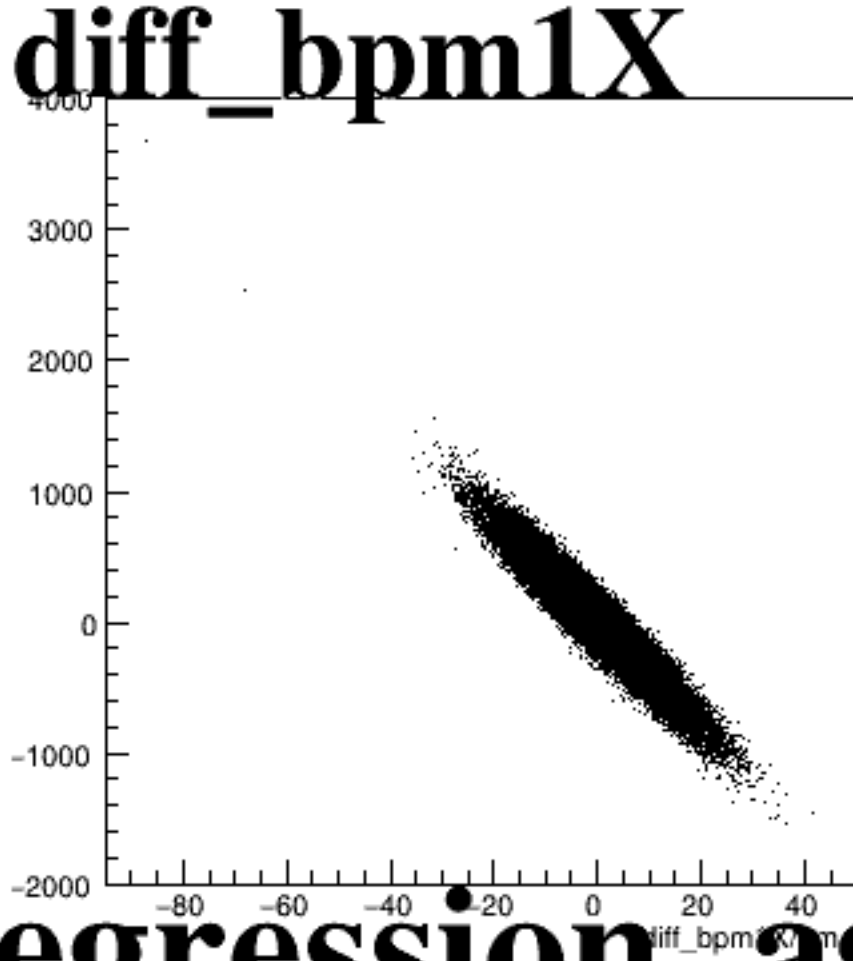
asym_sam3



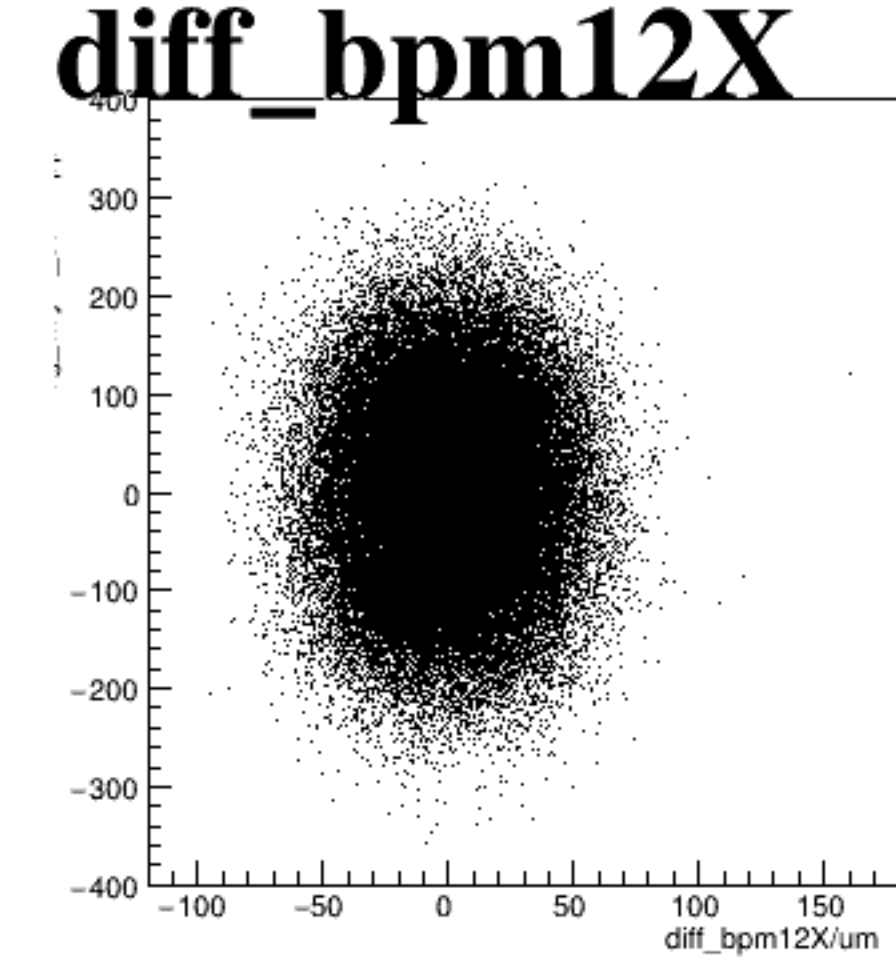
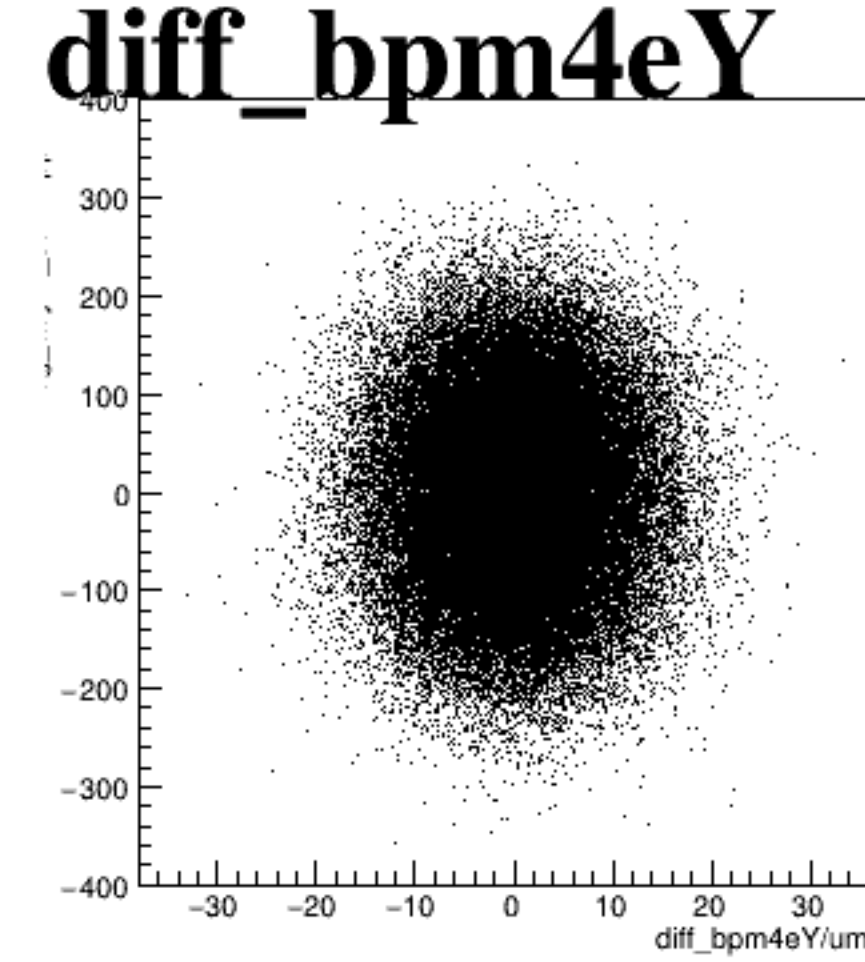
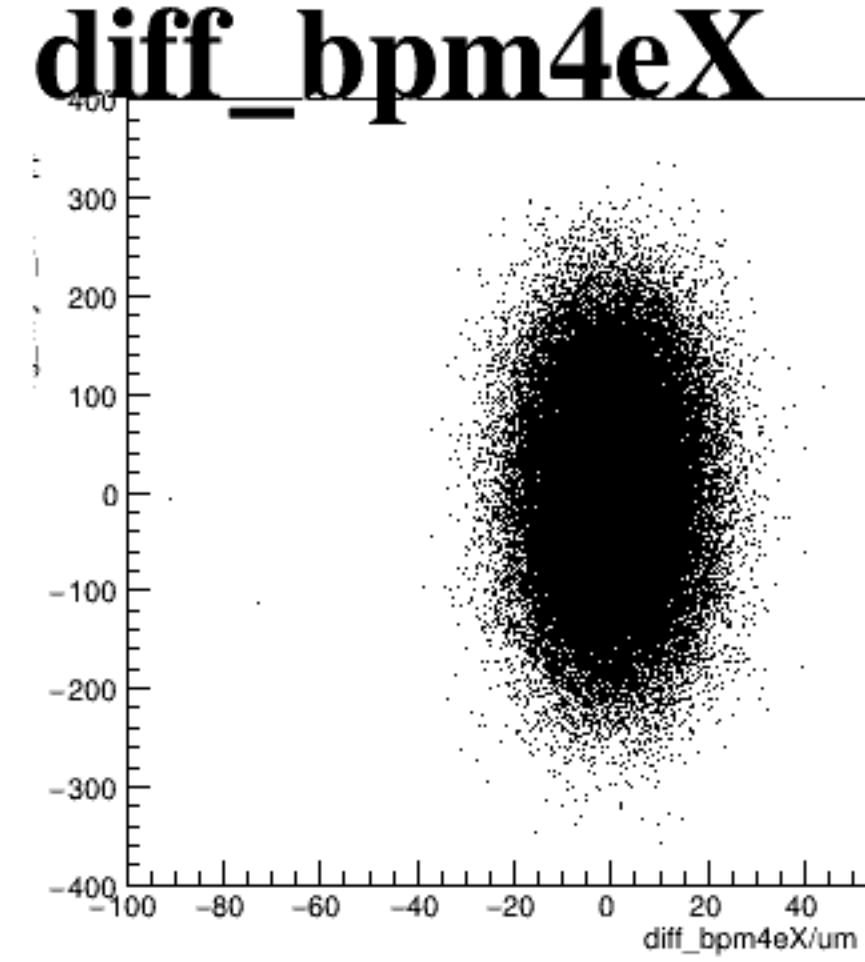
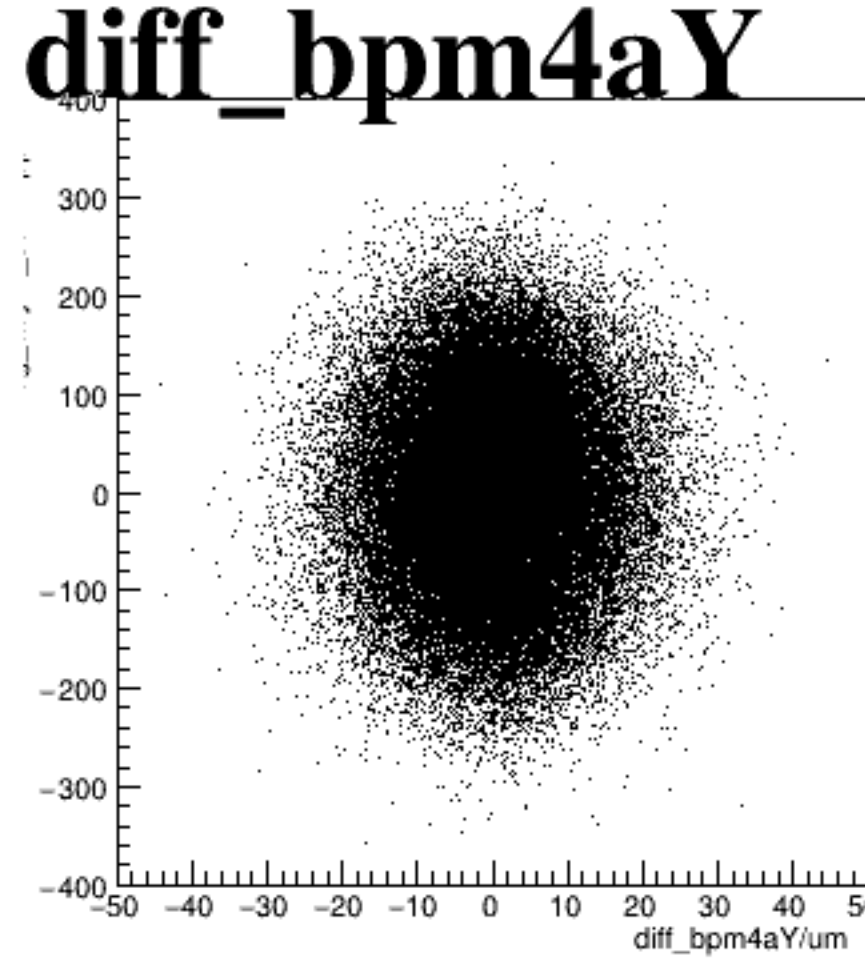
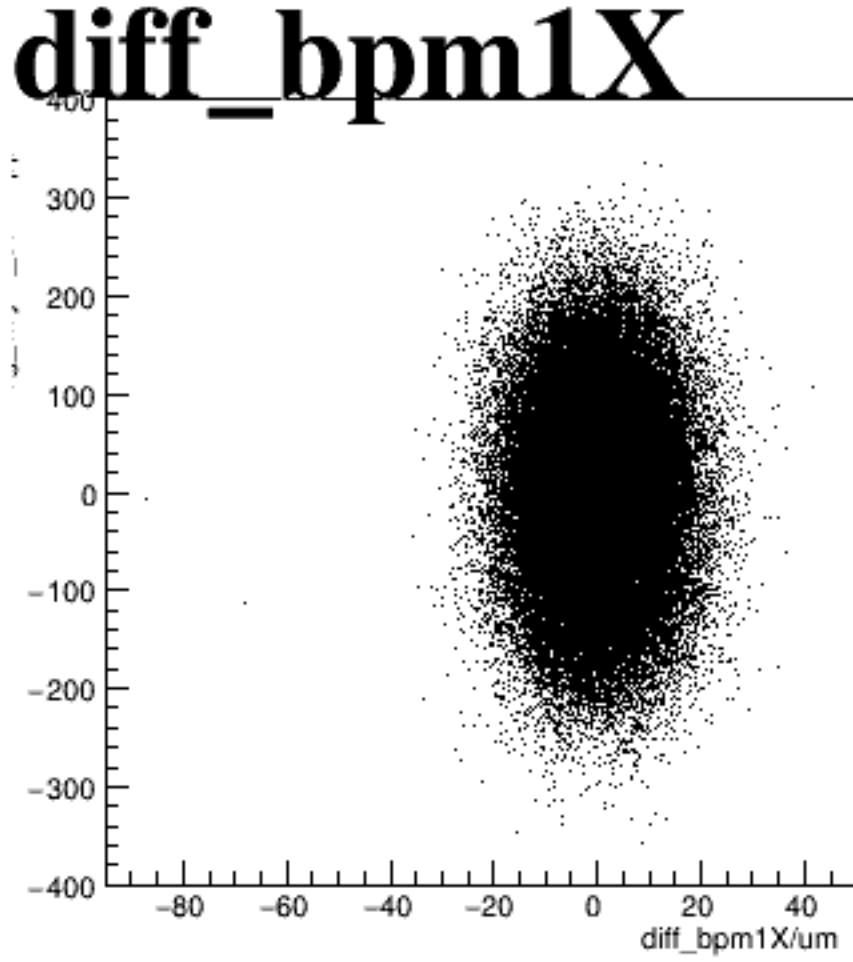
asym_sam5



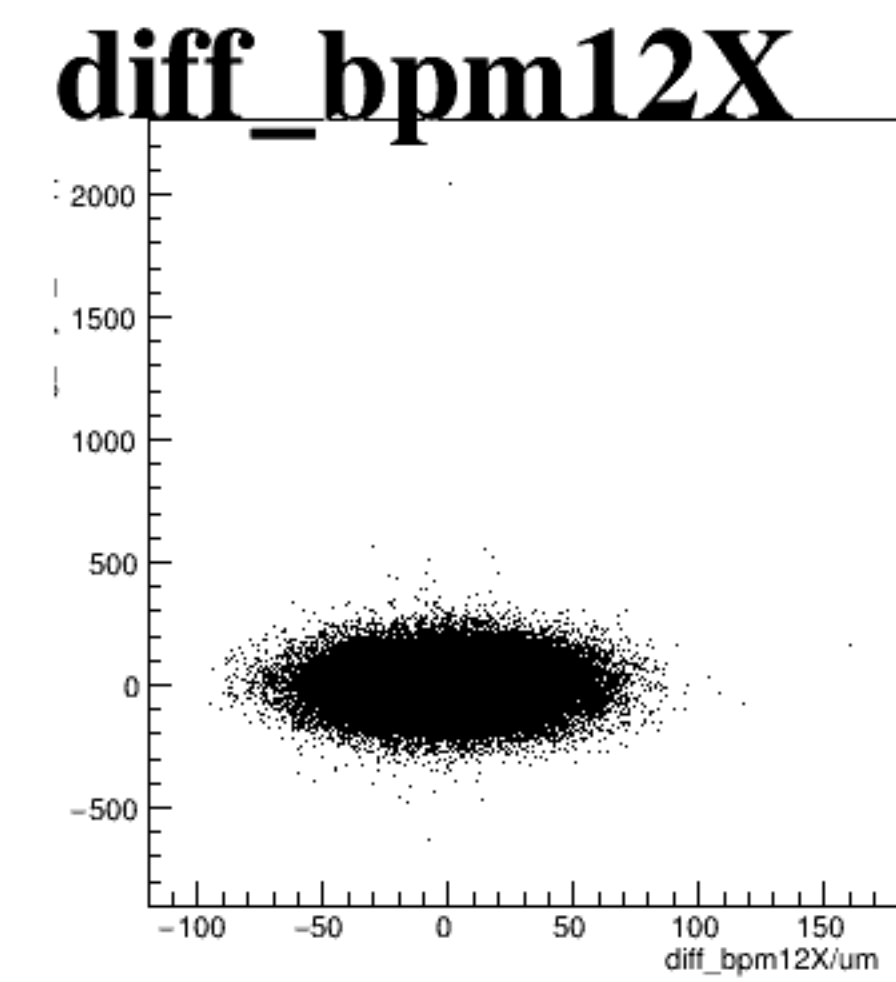
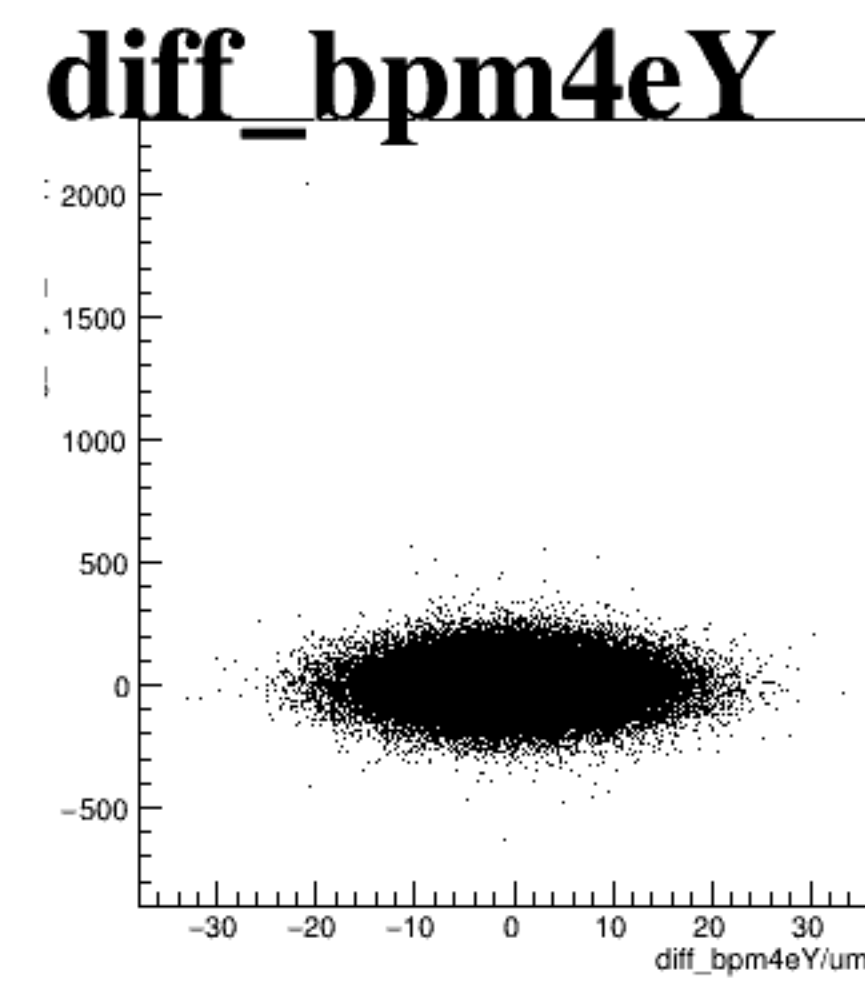
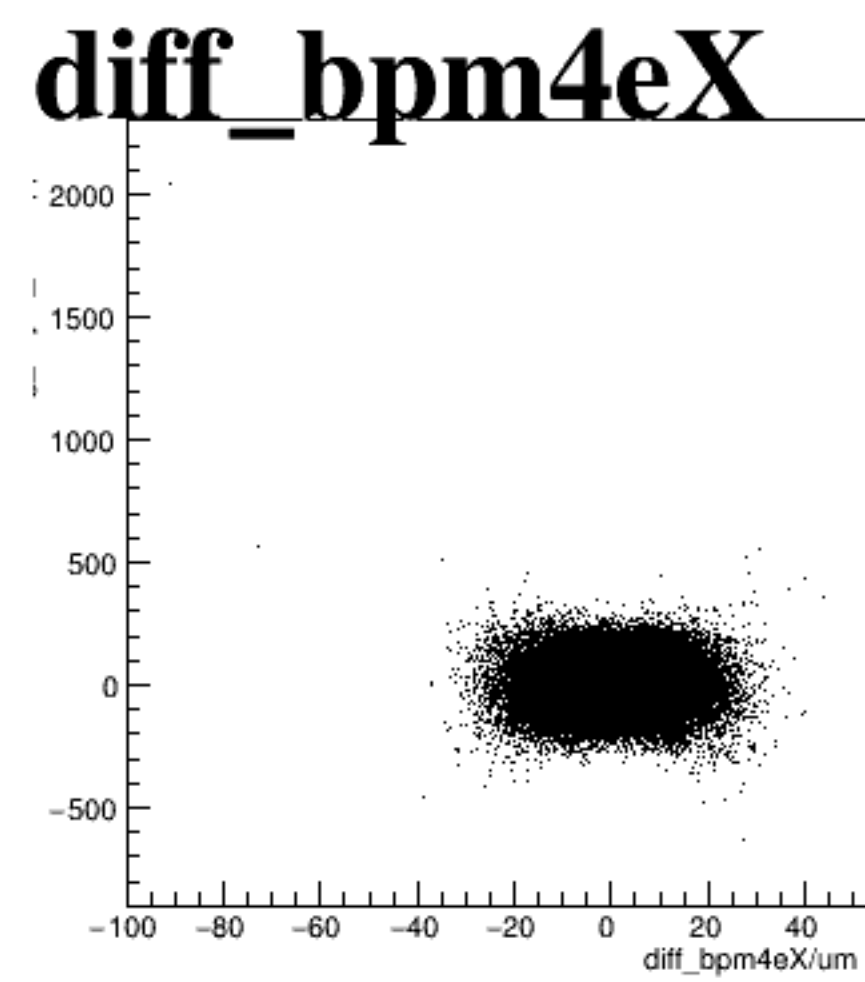
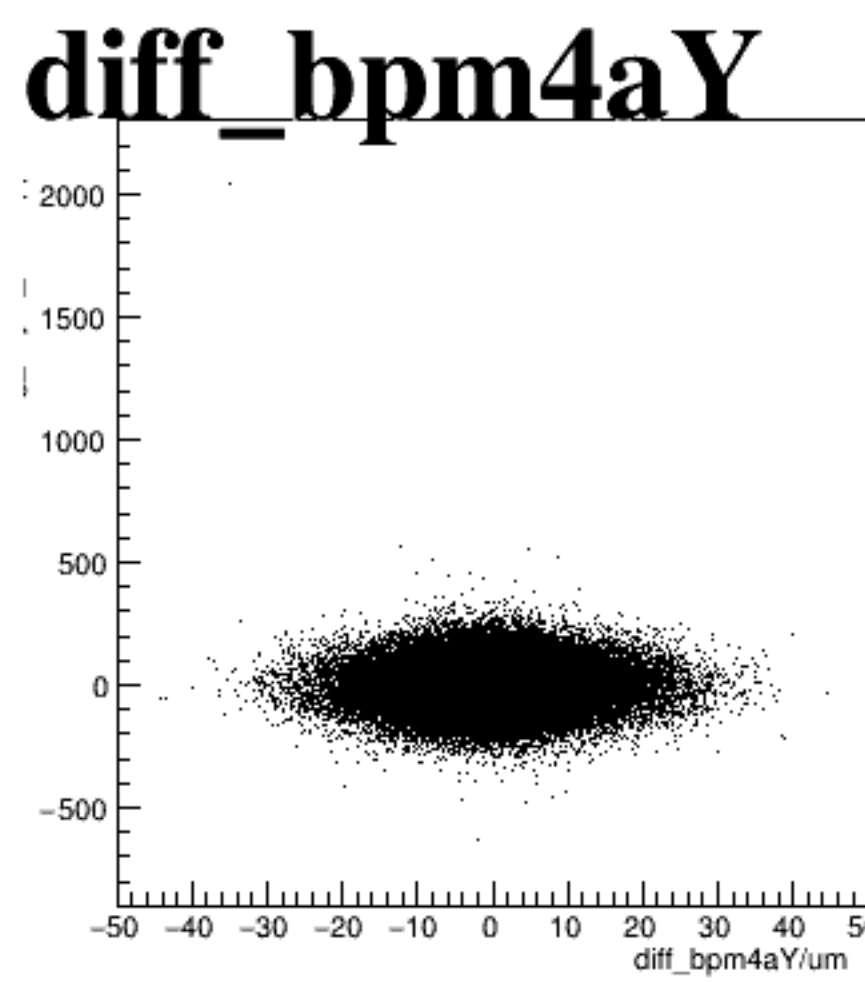
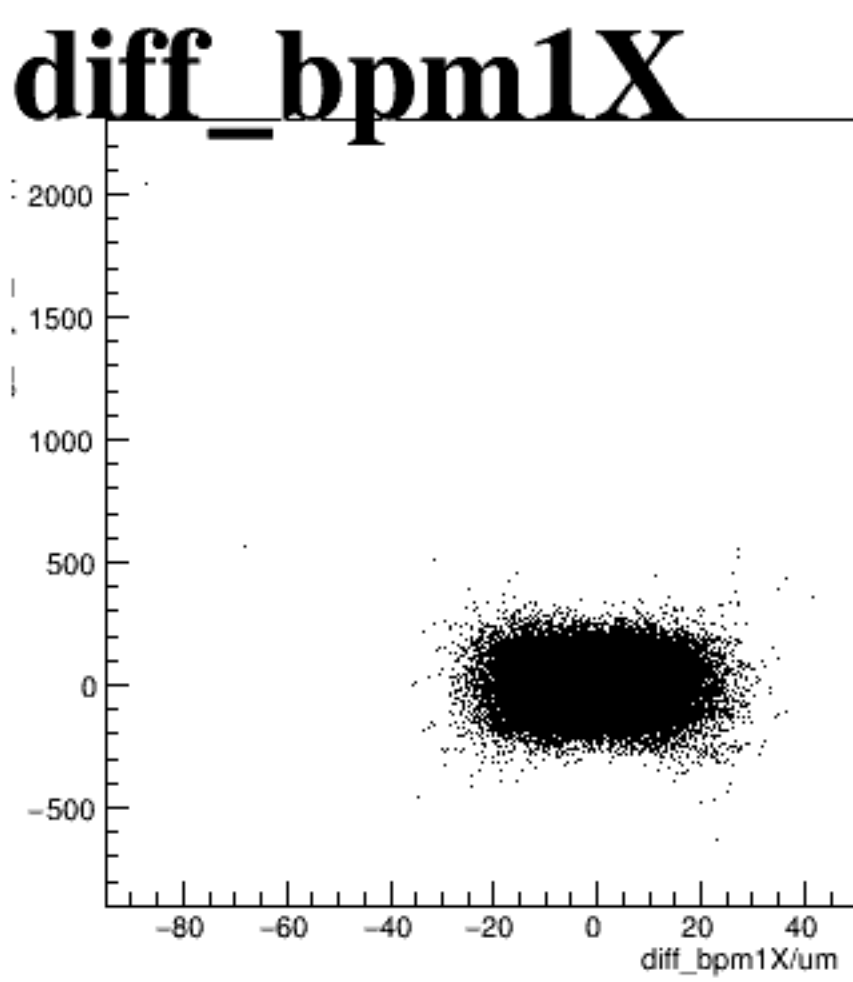
asym_sam7



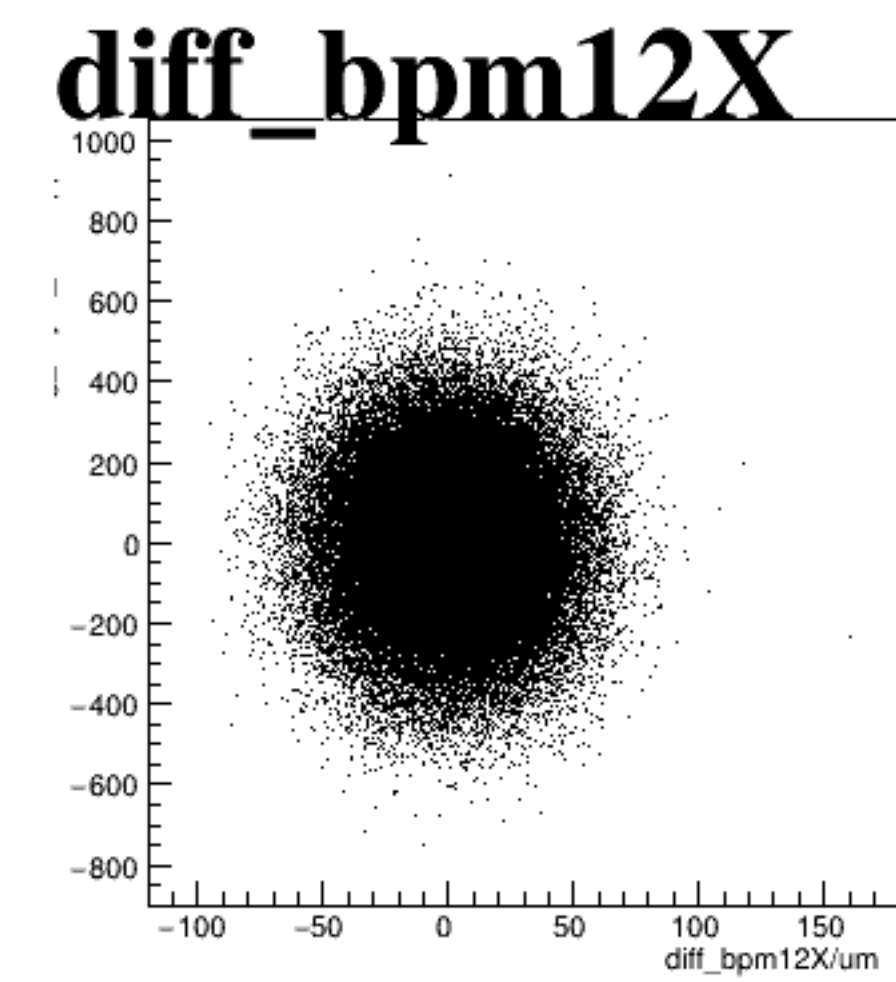
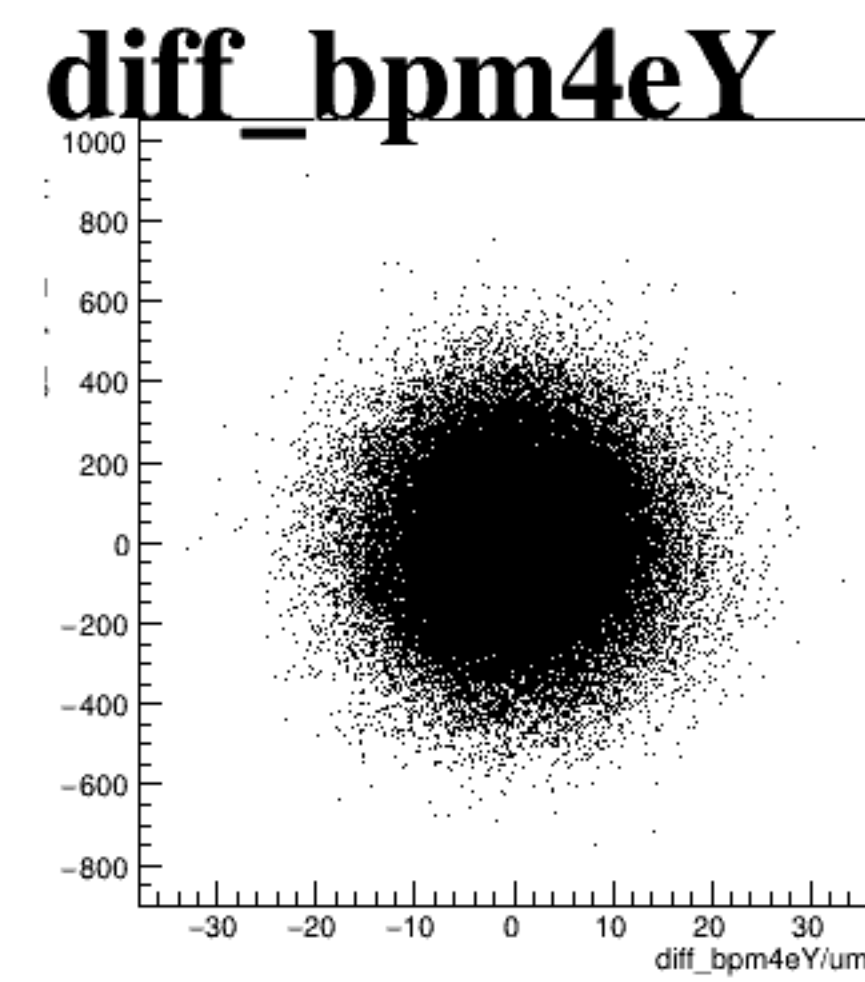
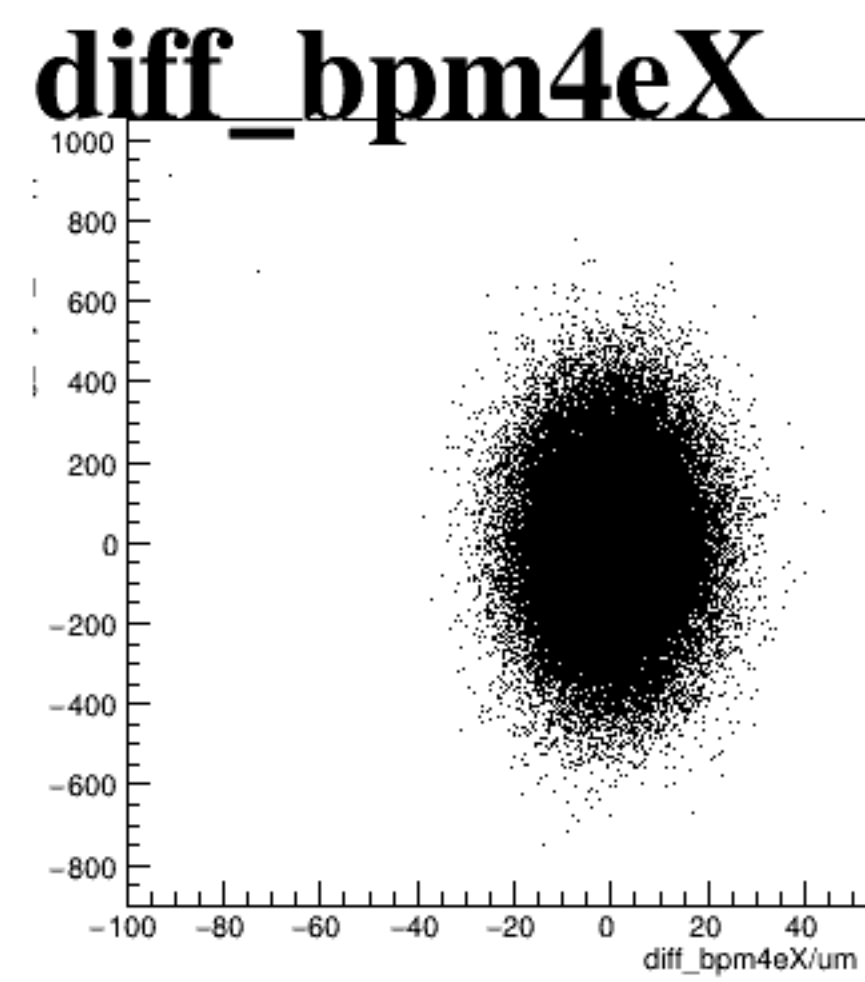
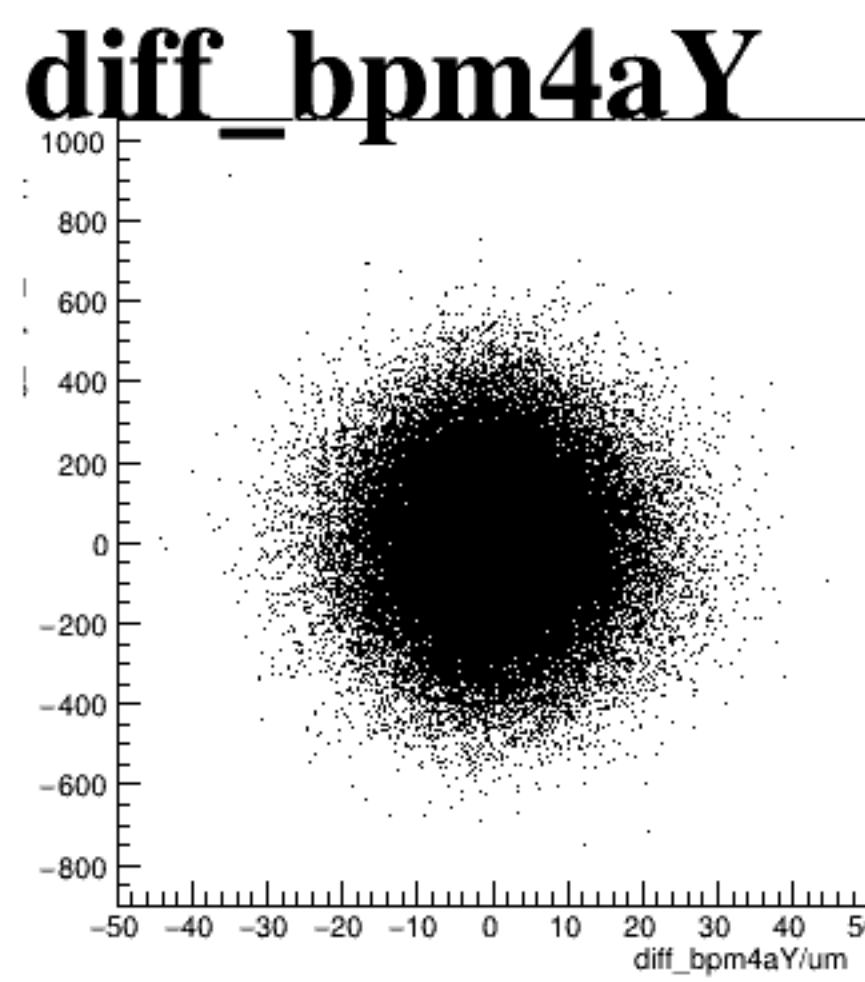
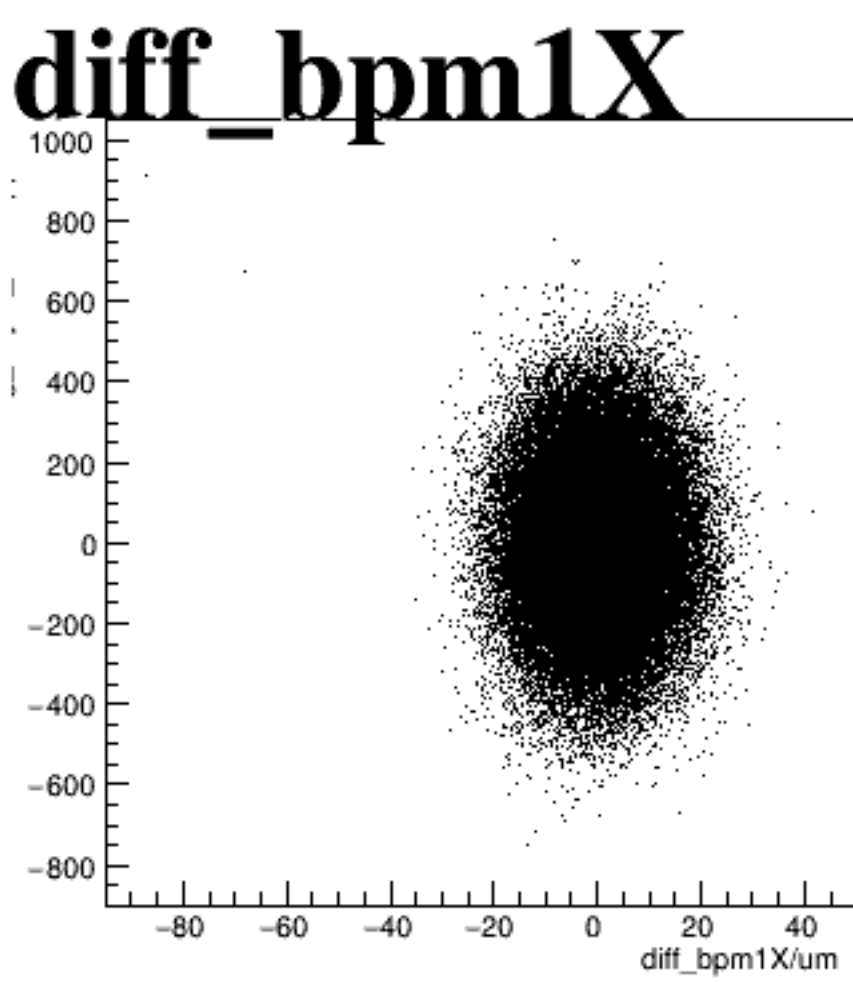
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

