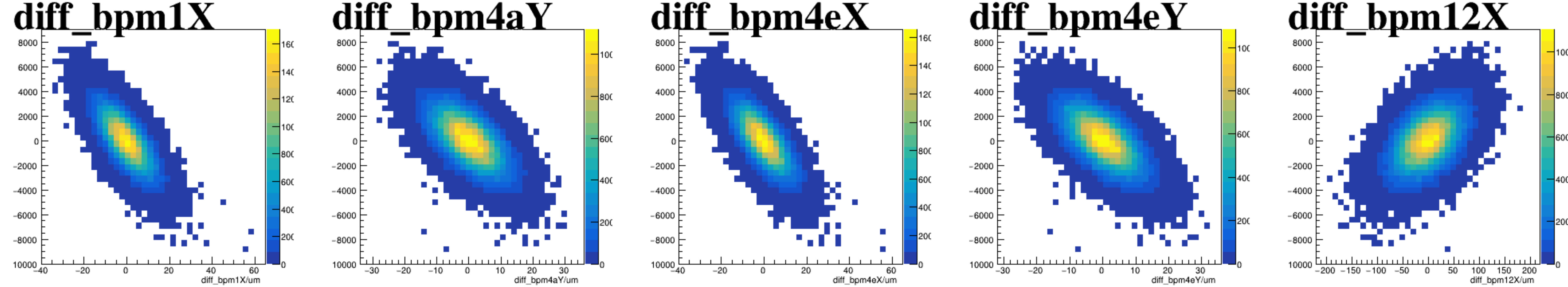
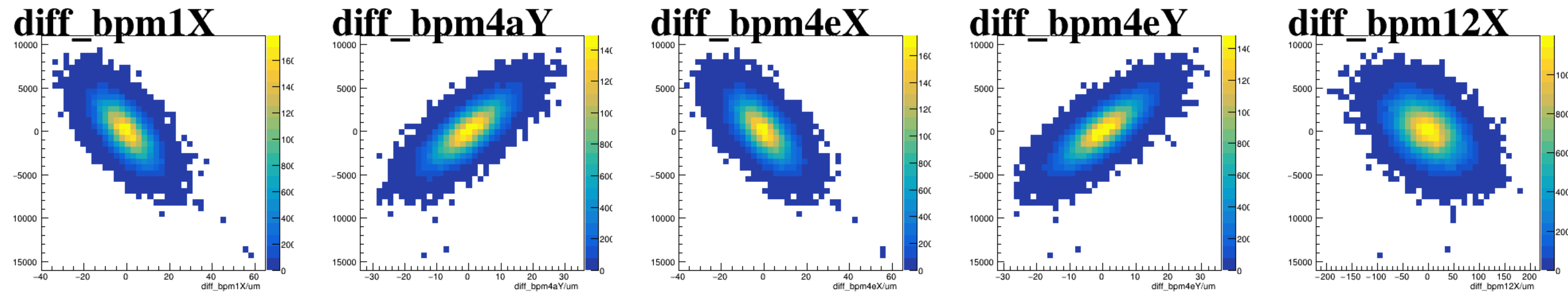


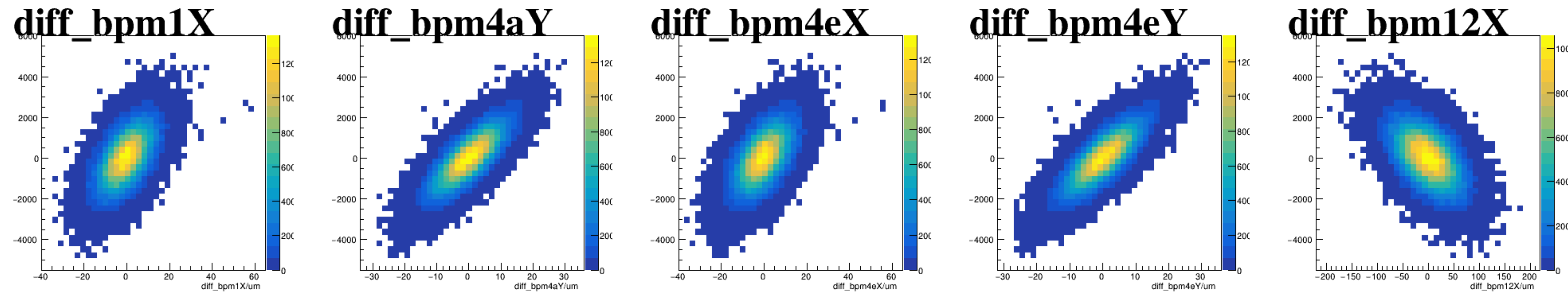
asym_sam2



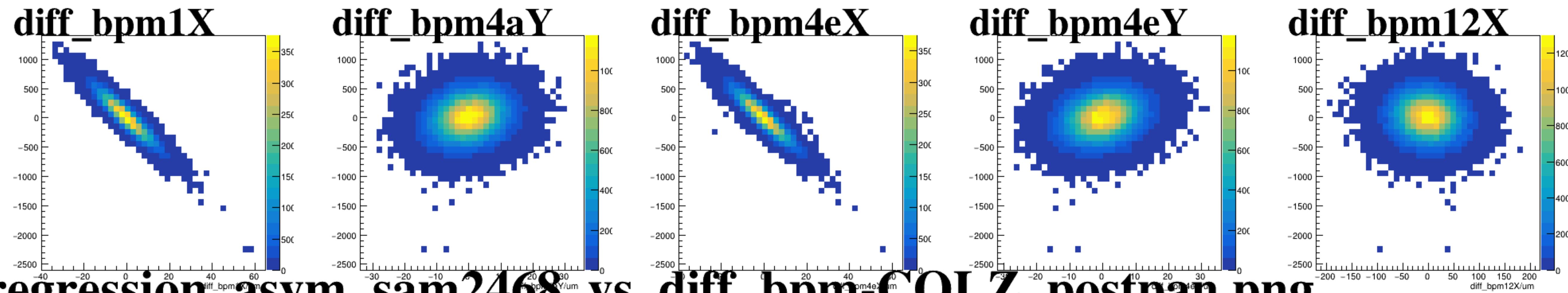
asym_sam4



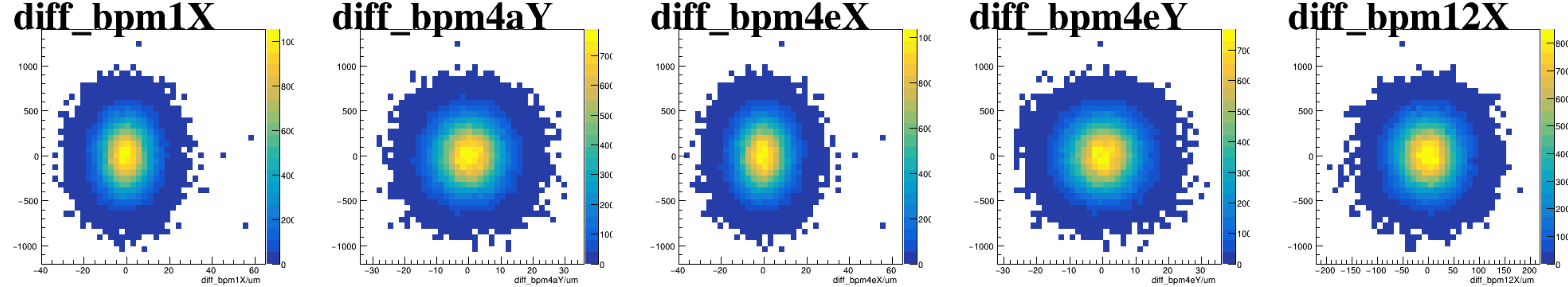
asym_sam6



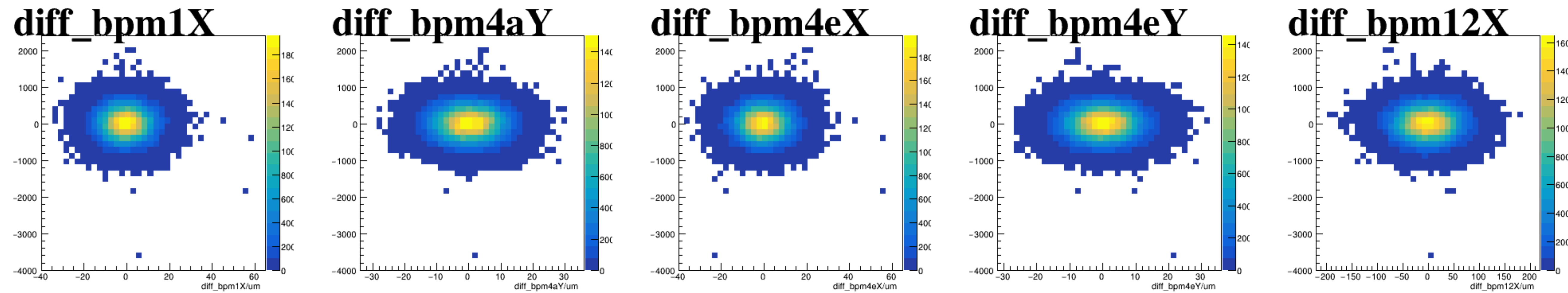
asym_sam8



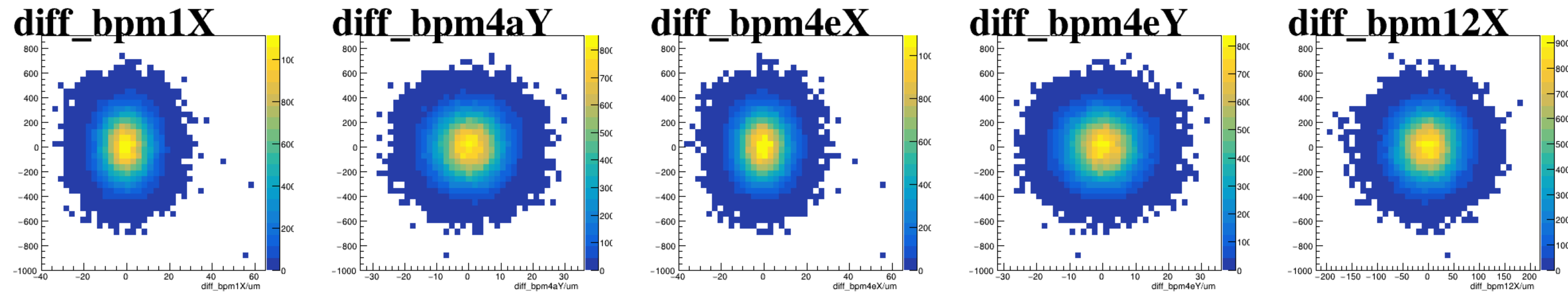
reg_asym_sam2



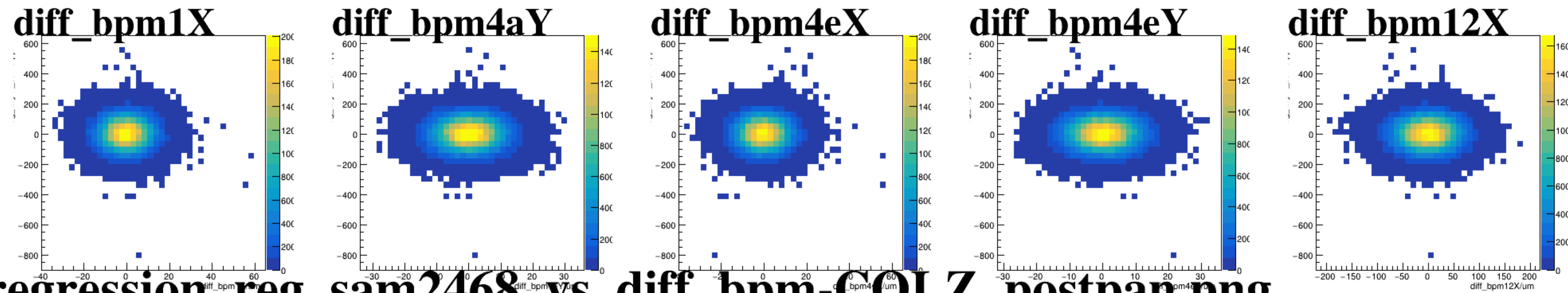
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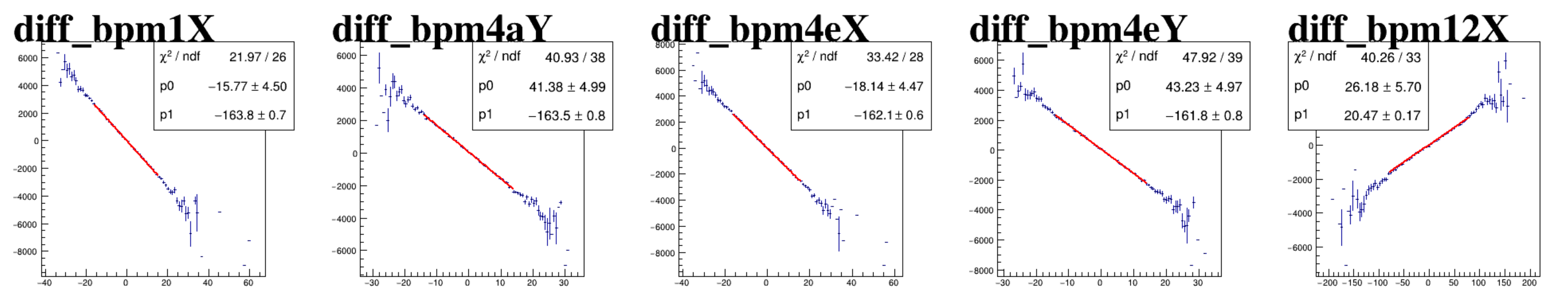
reg_asym_sam6



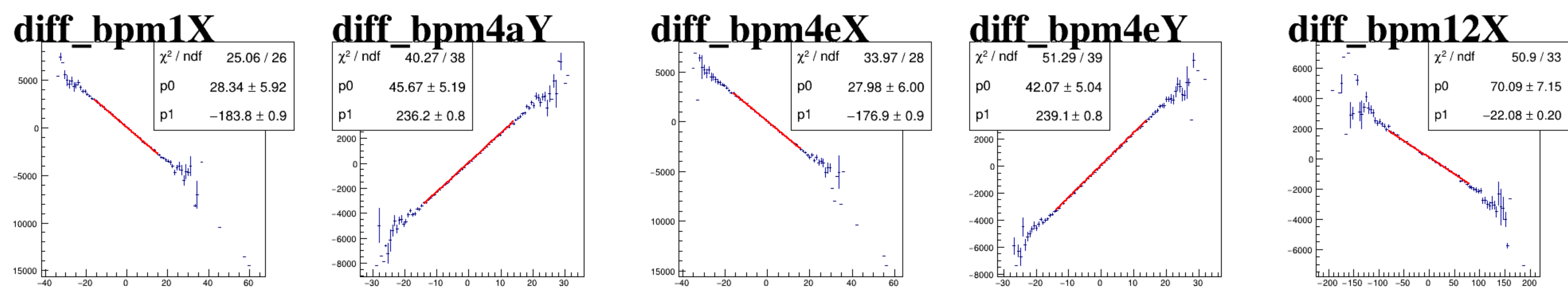
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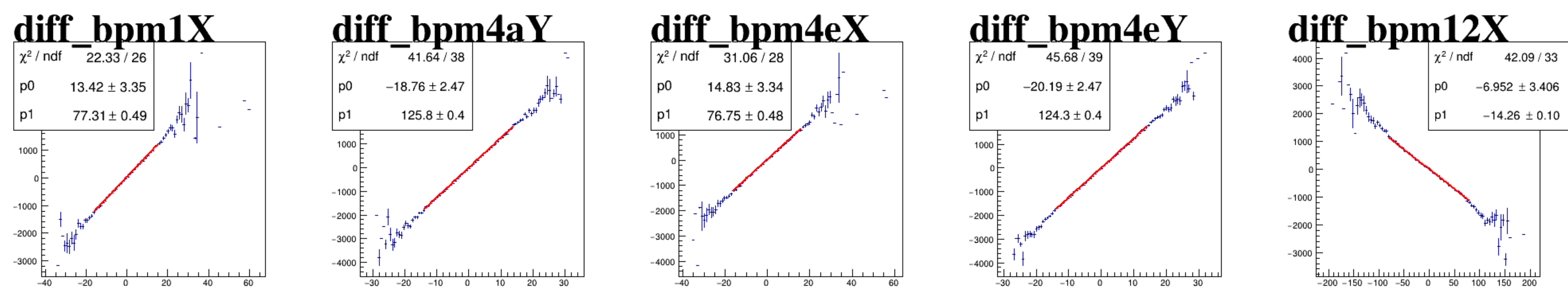
asym_sam2



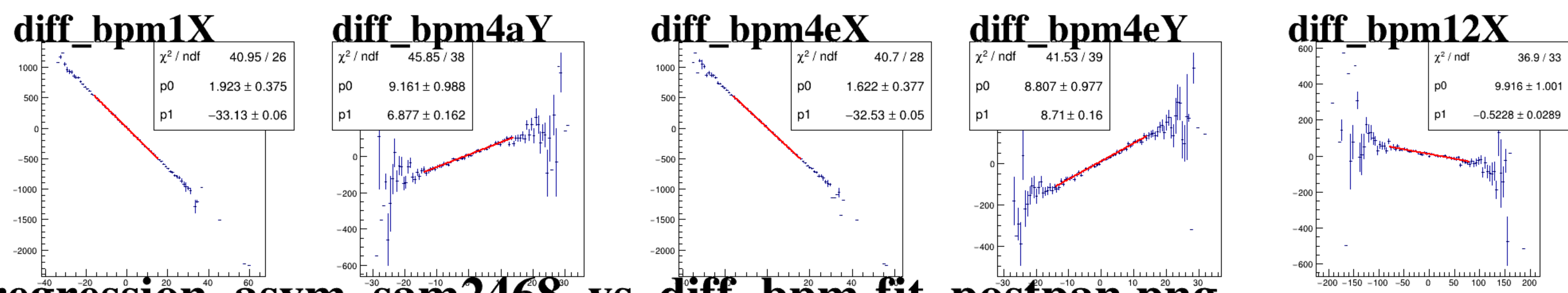
asym_sam4



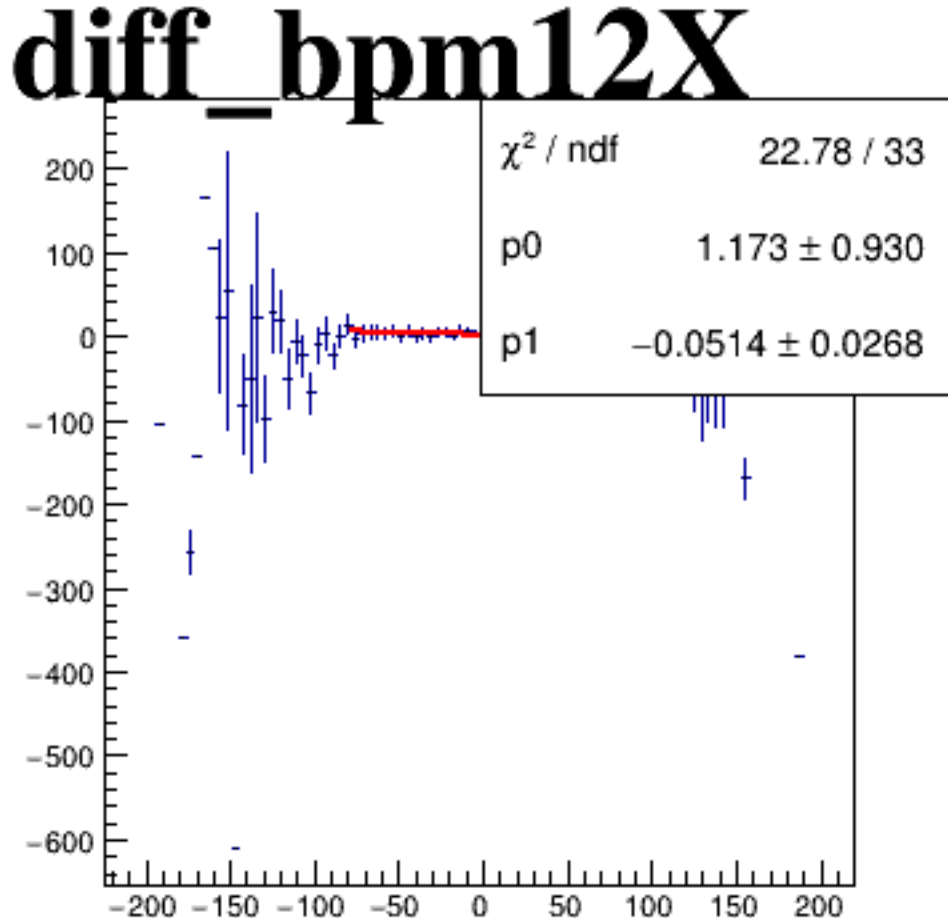
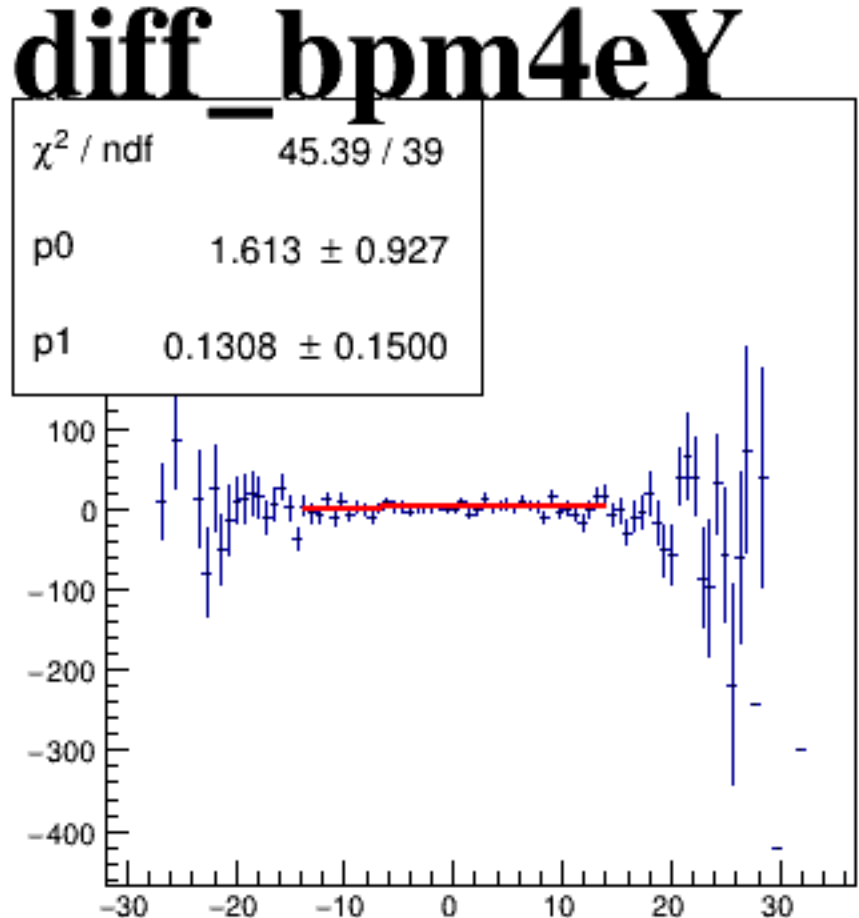
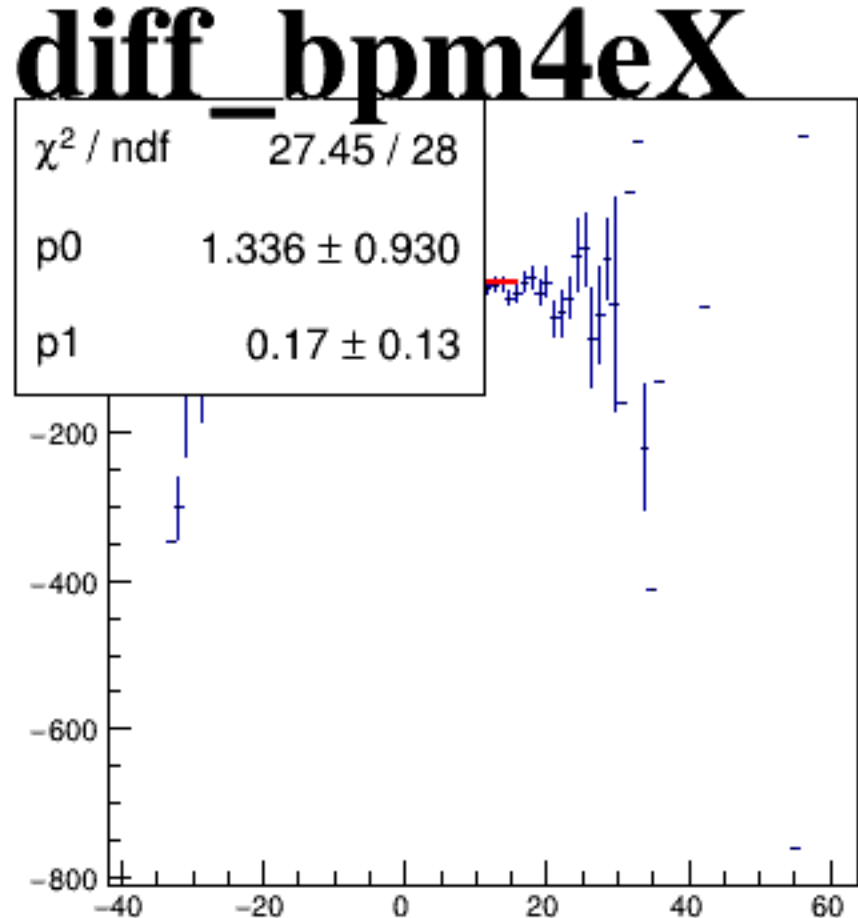
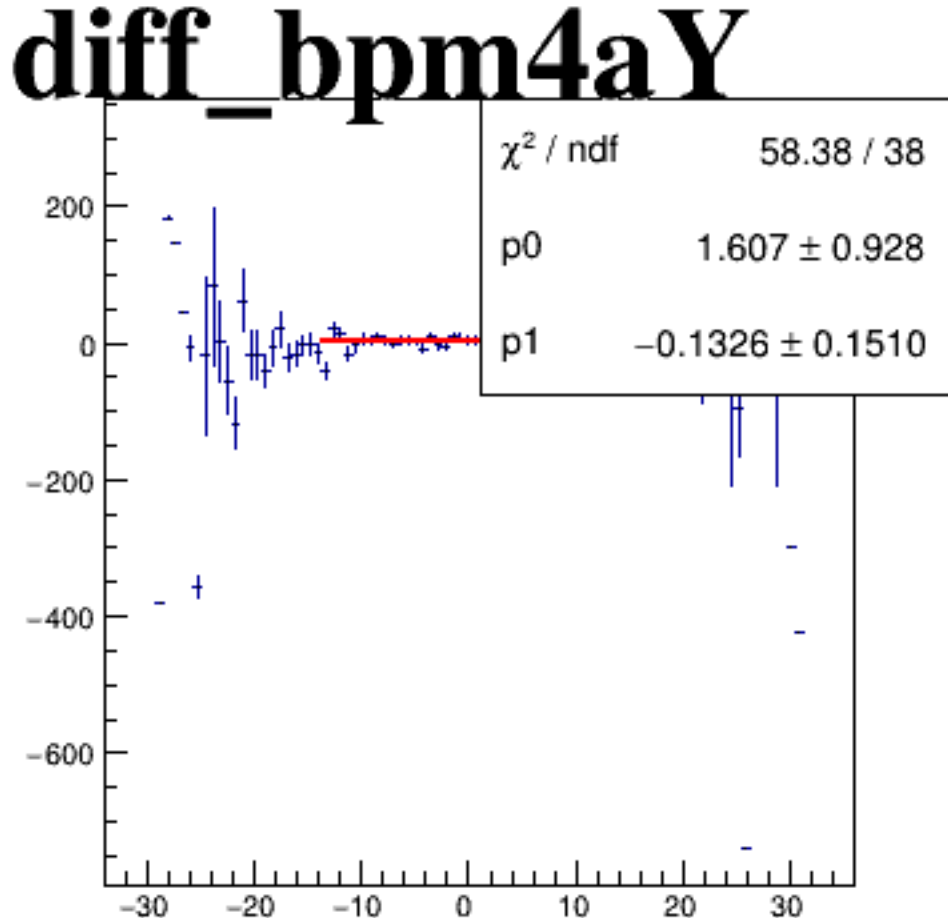
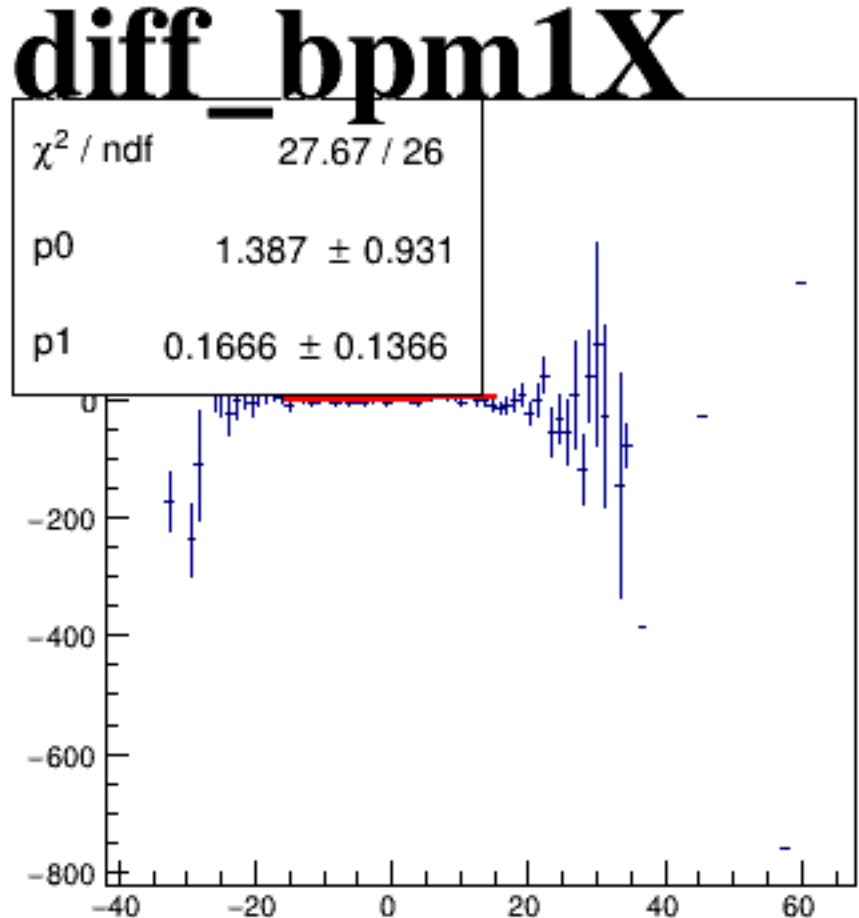
asym_sam6



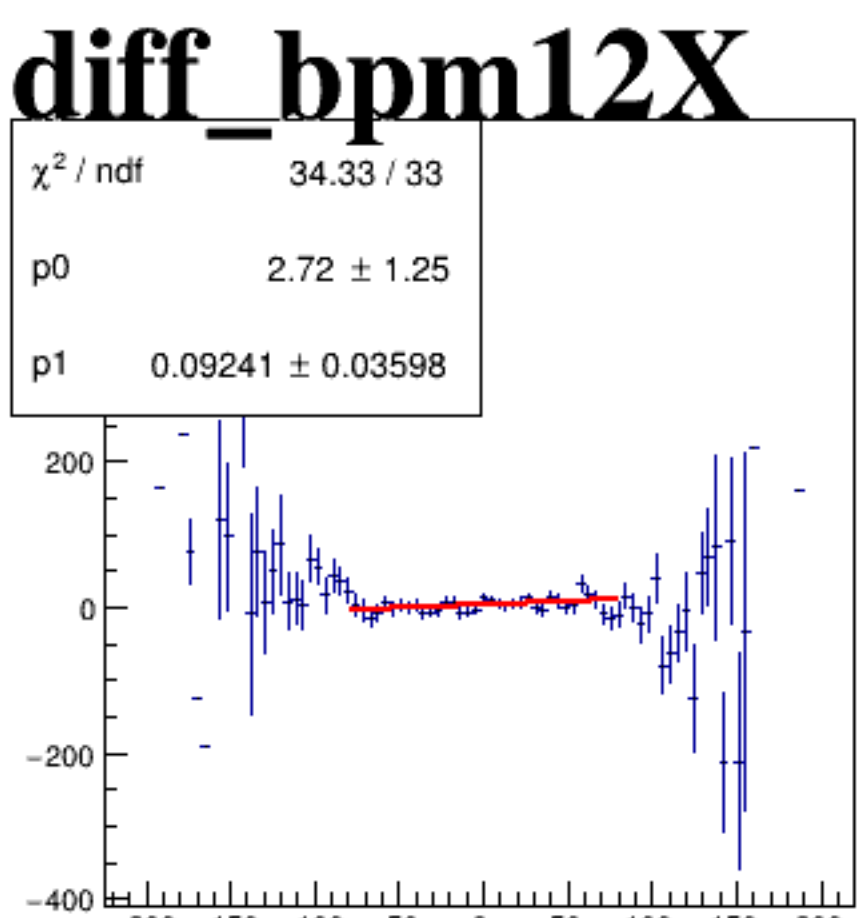
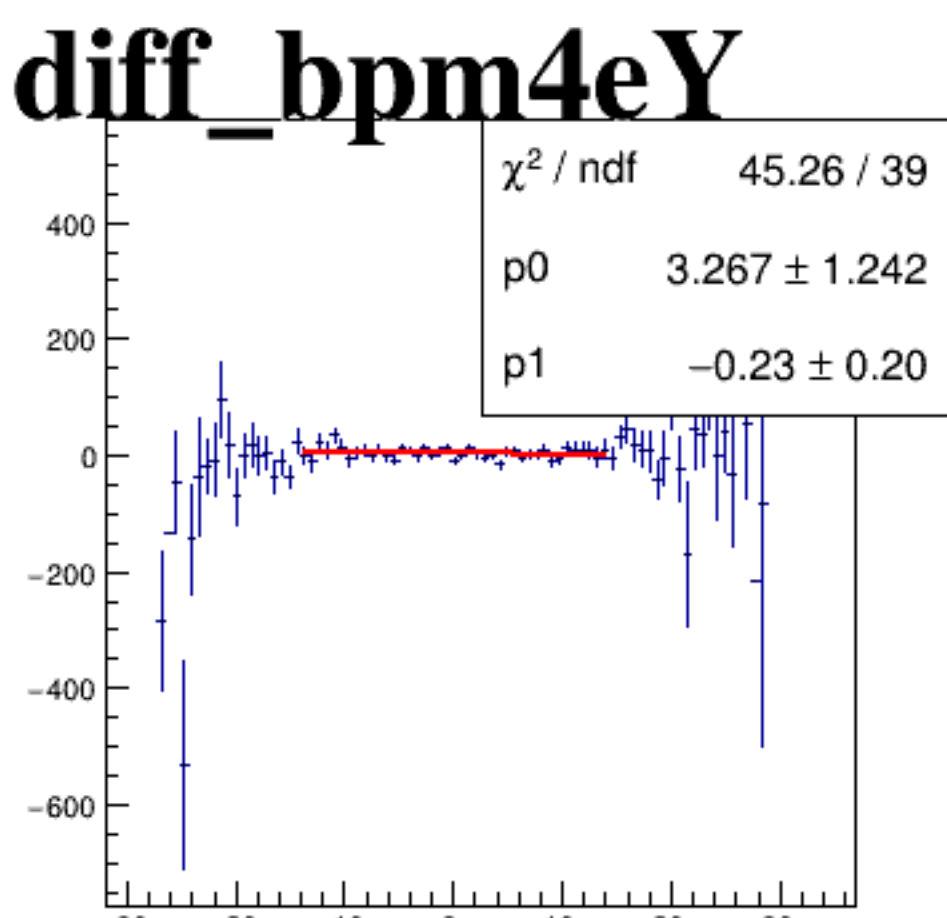
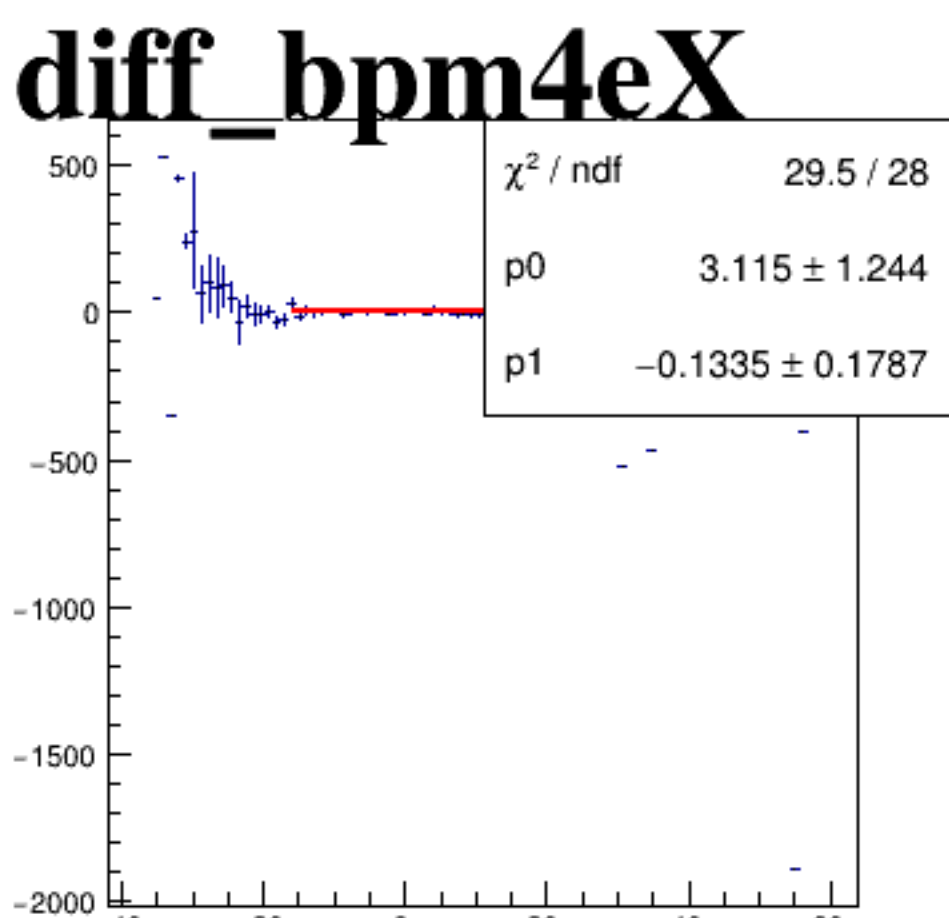
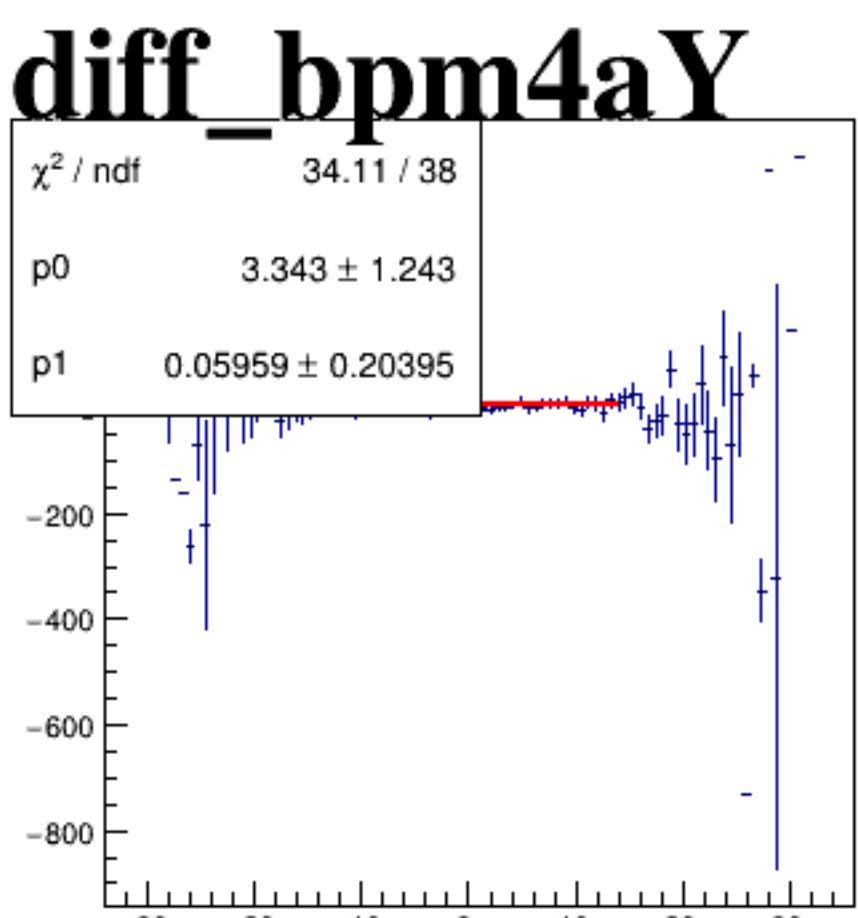
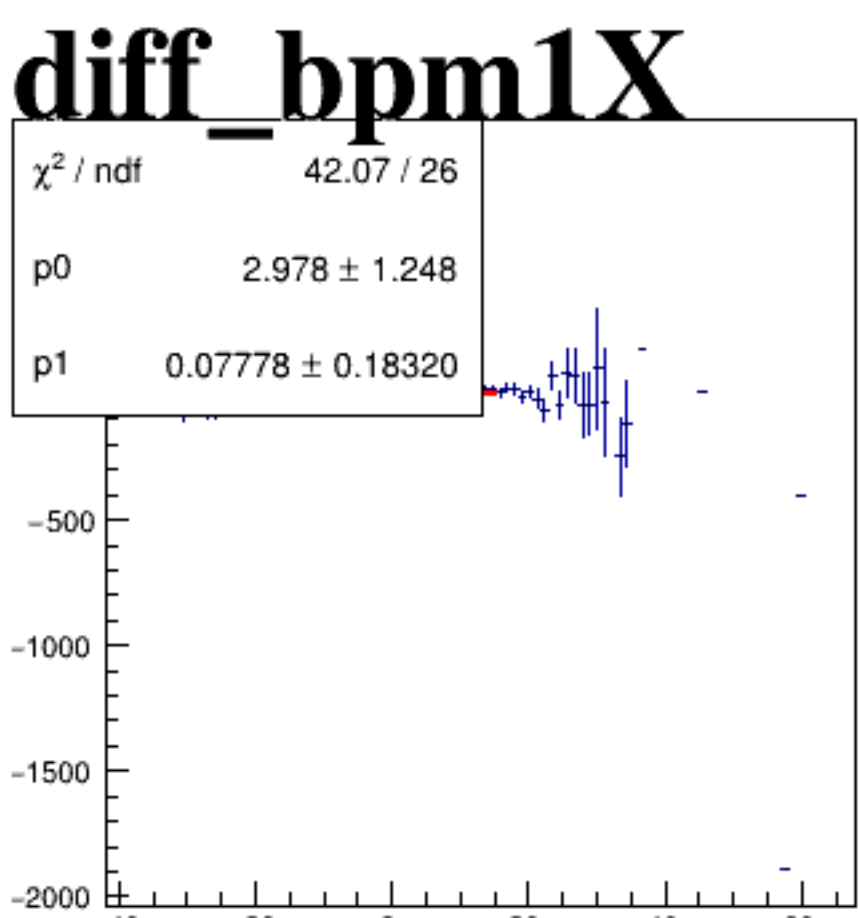
asym_sam8



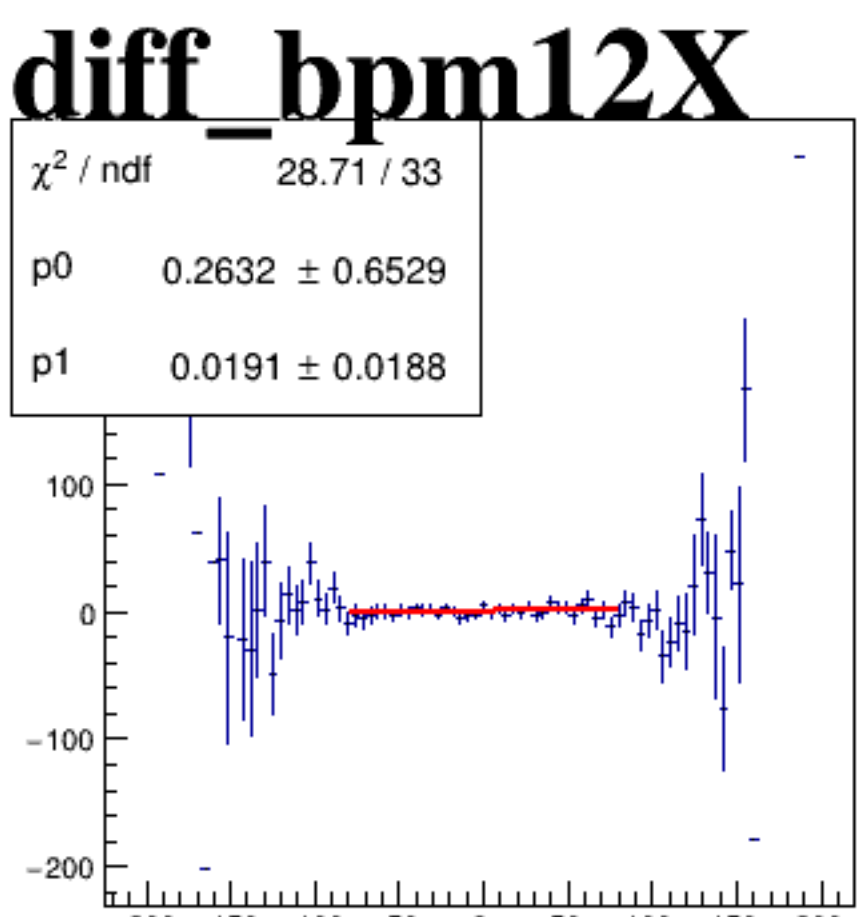
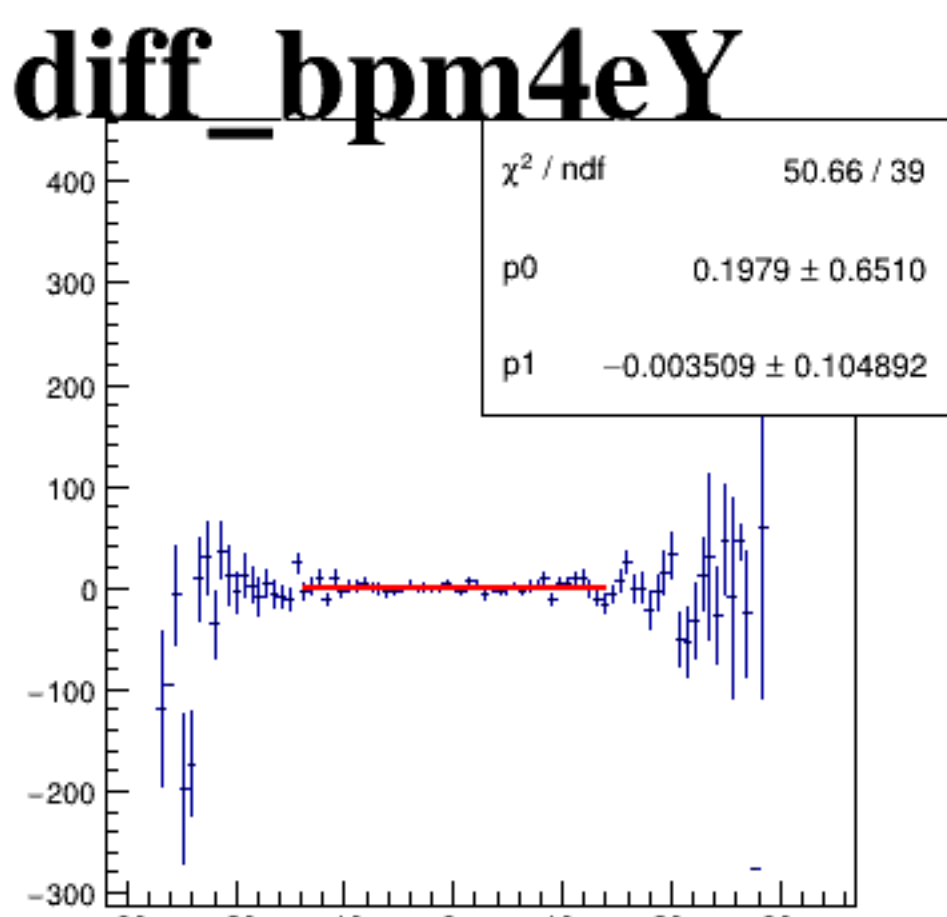
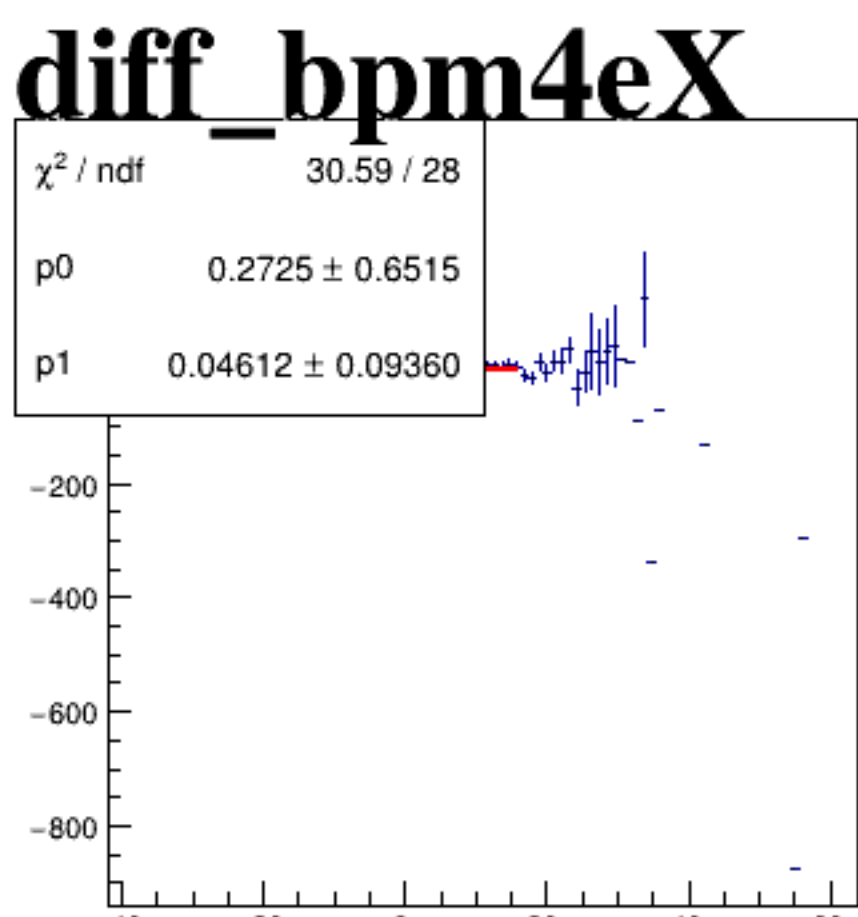
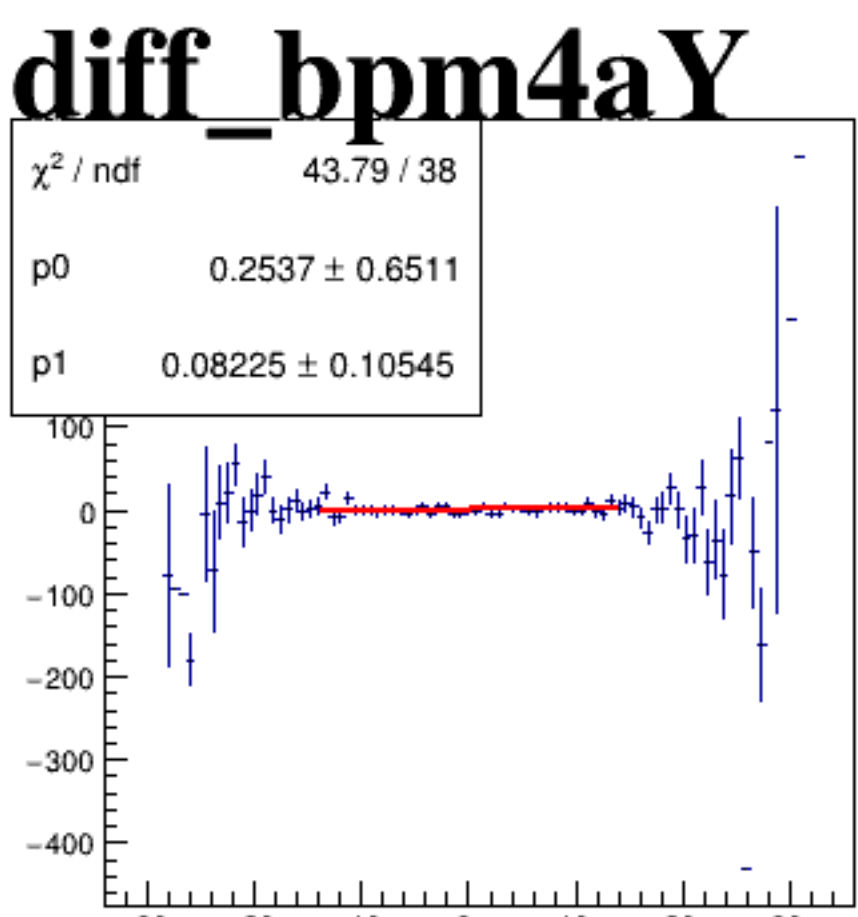
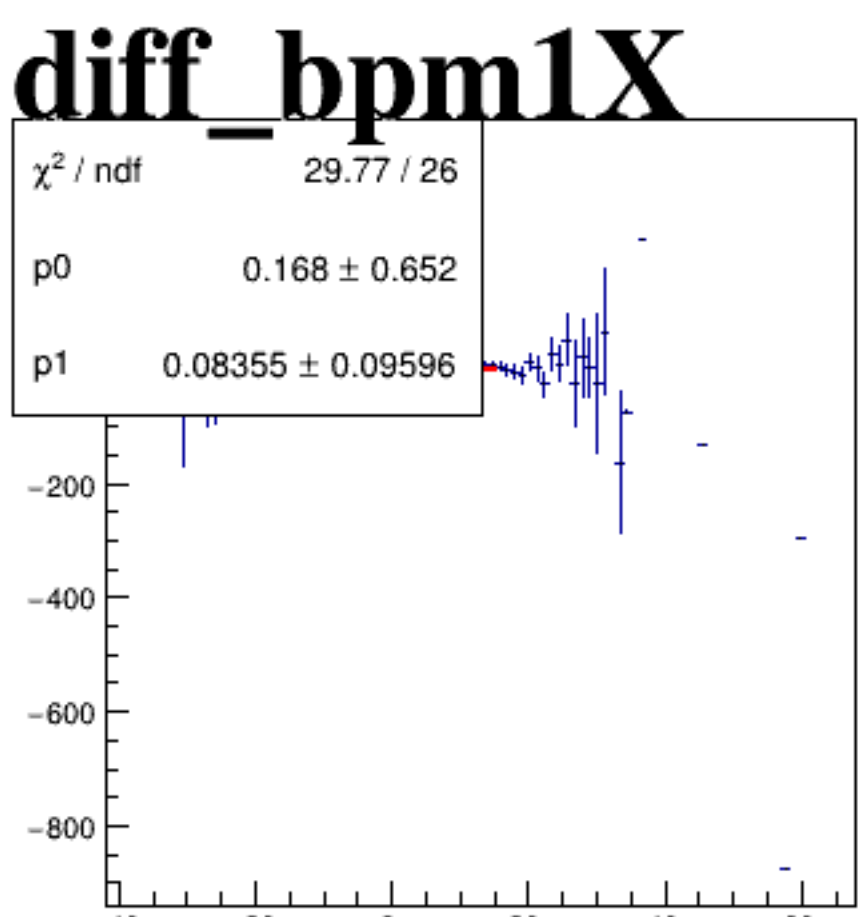
reg_asym_sam2



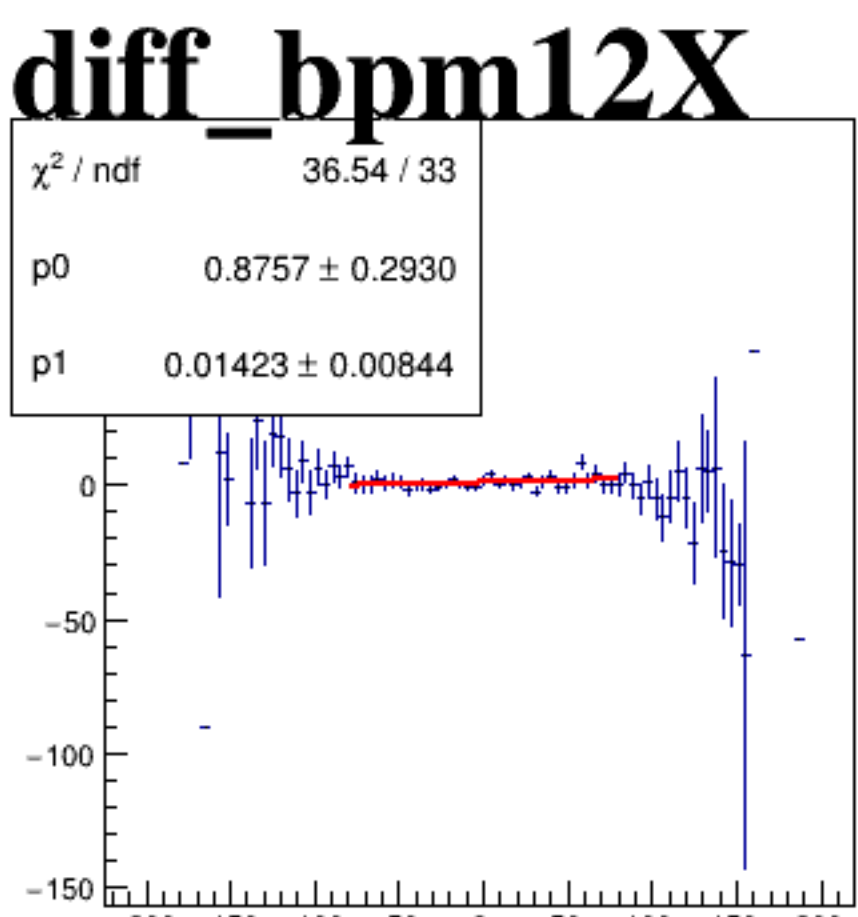
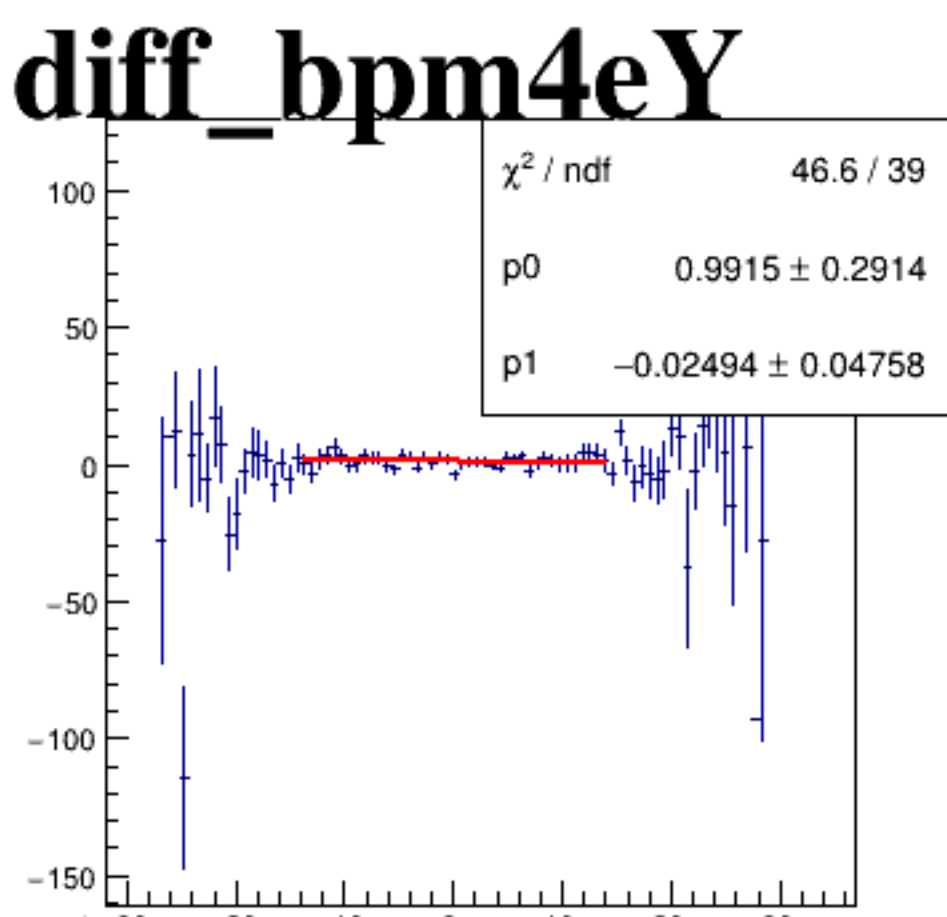
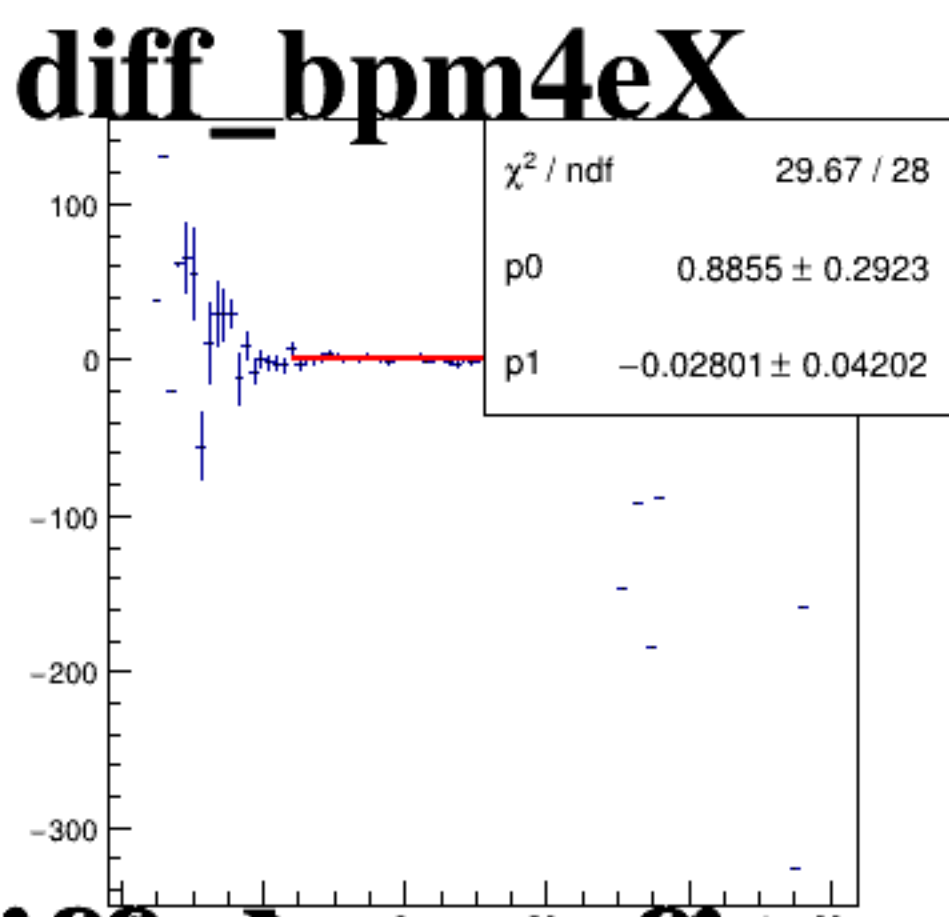
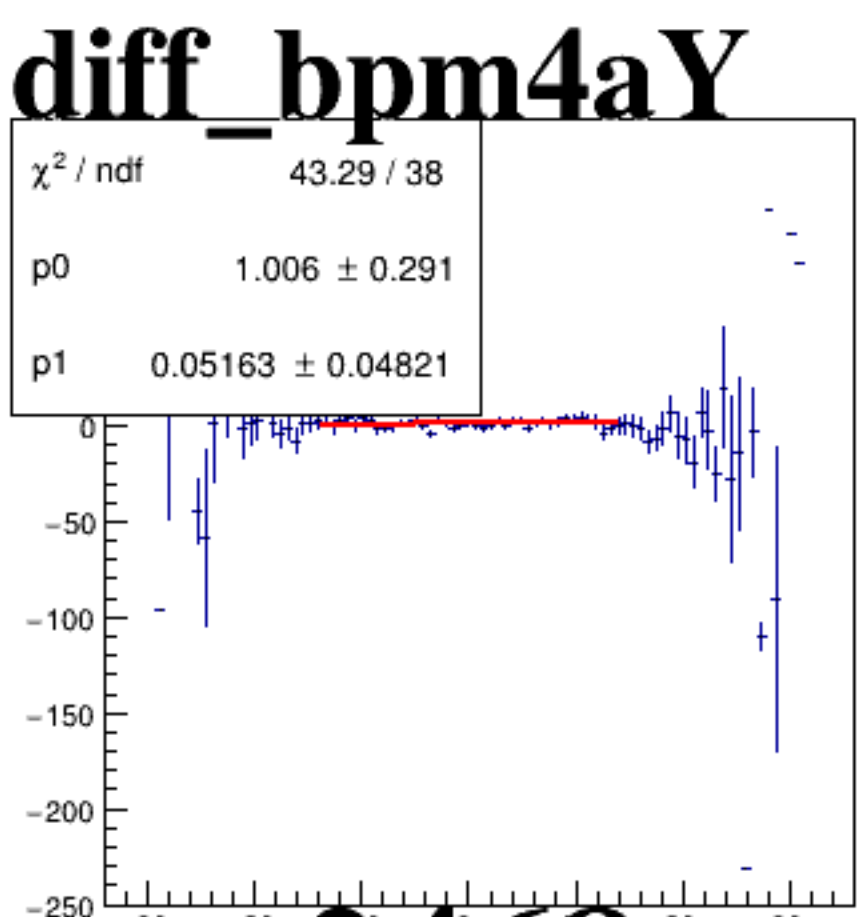
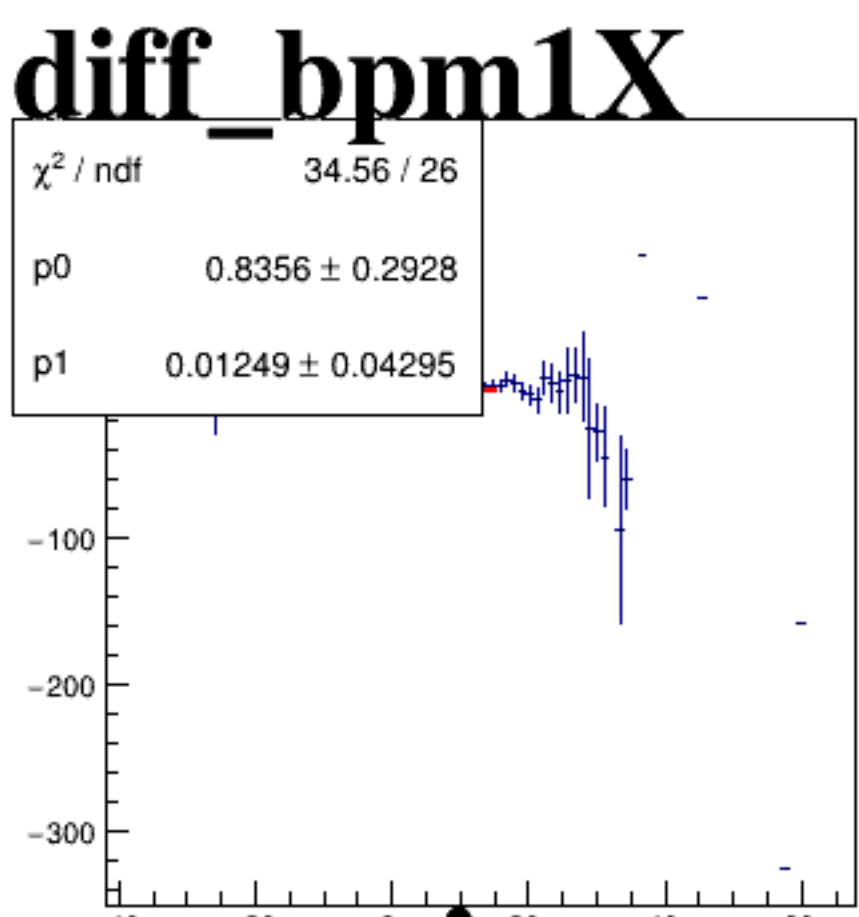
reg_asym_sam4



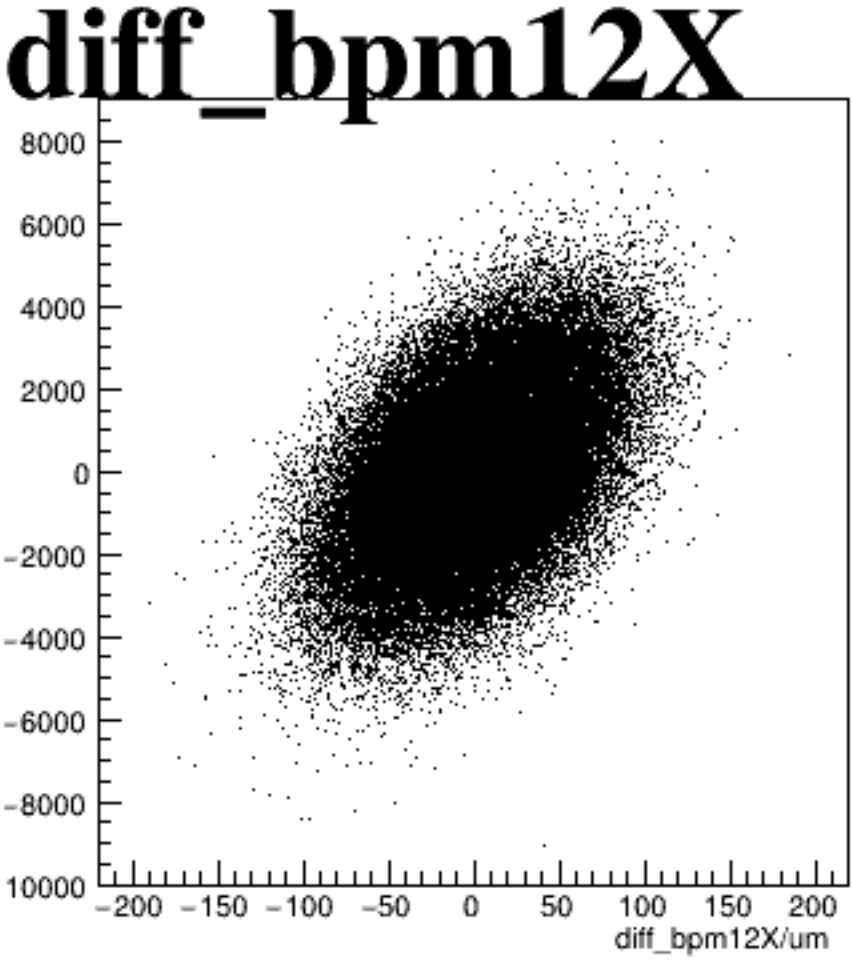
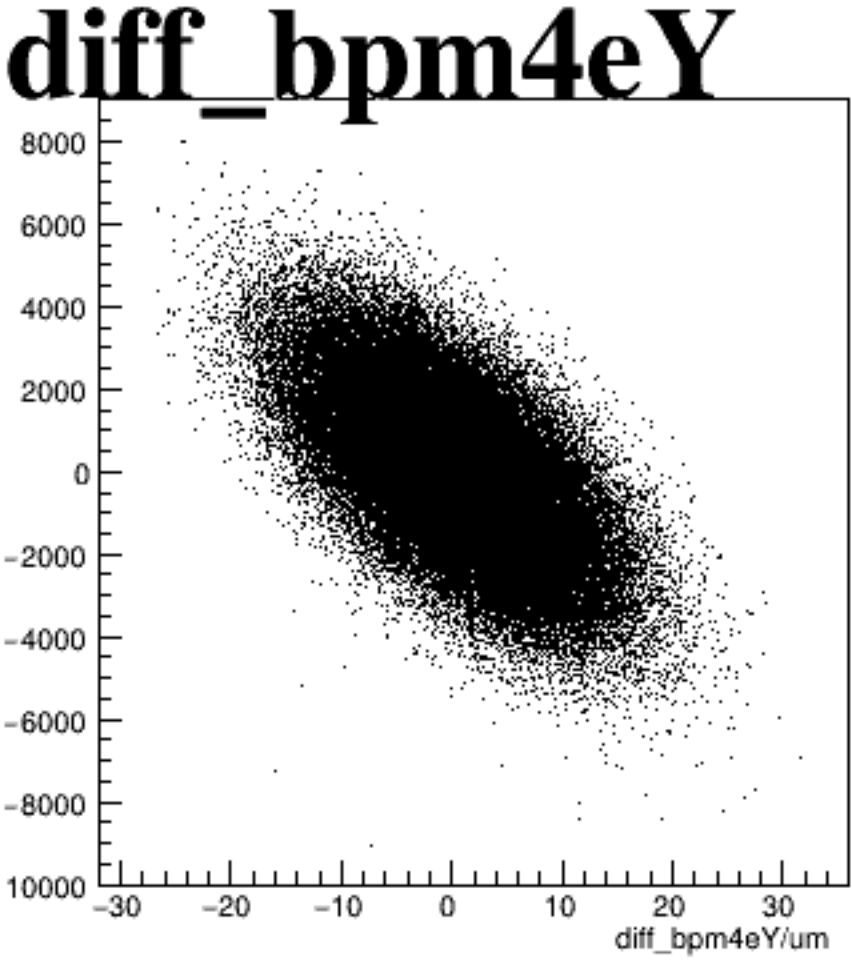
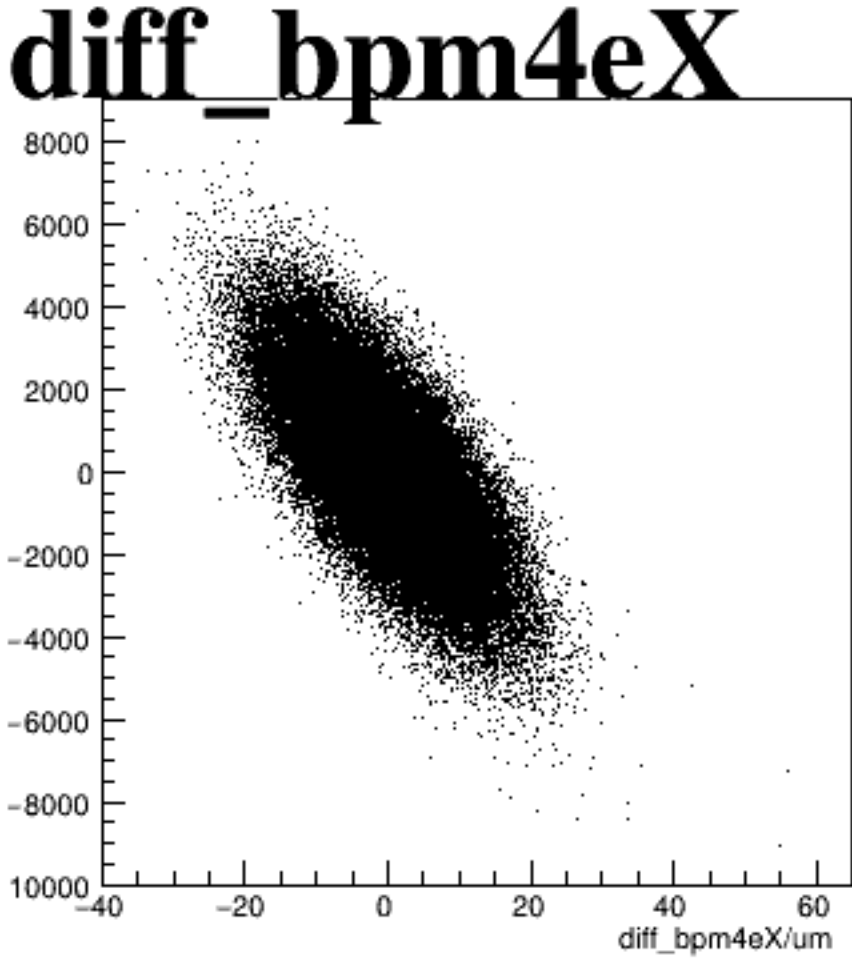
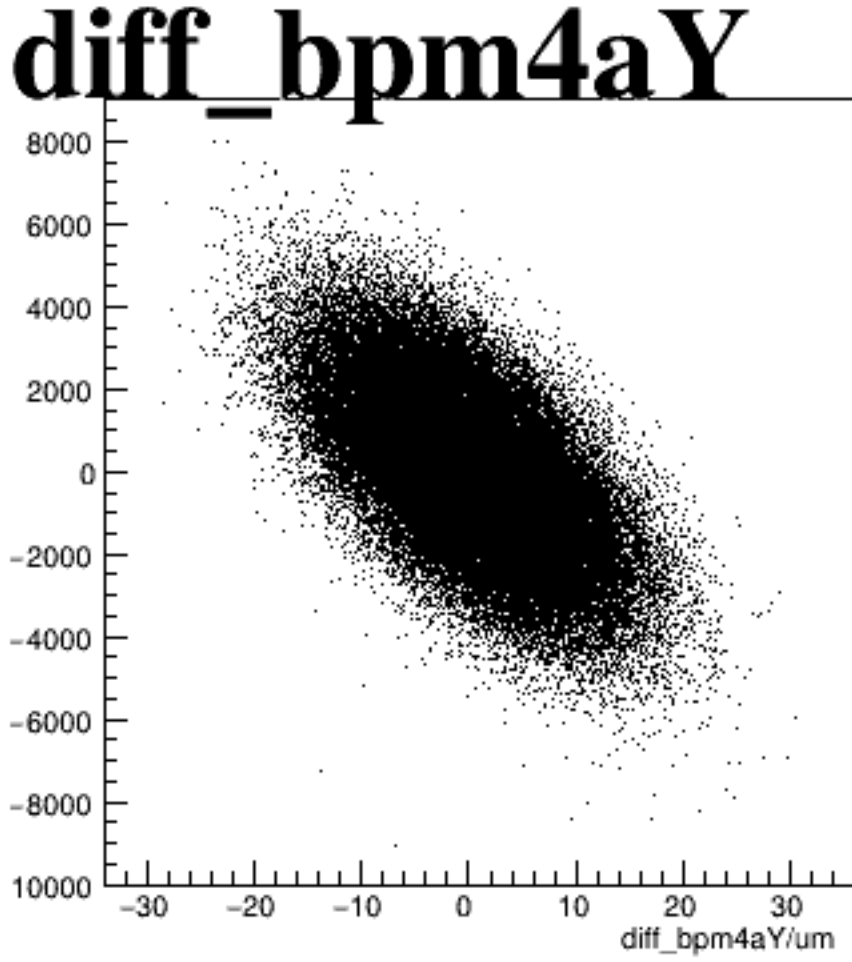
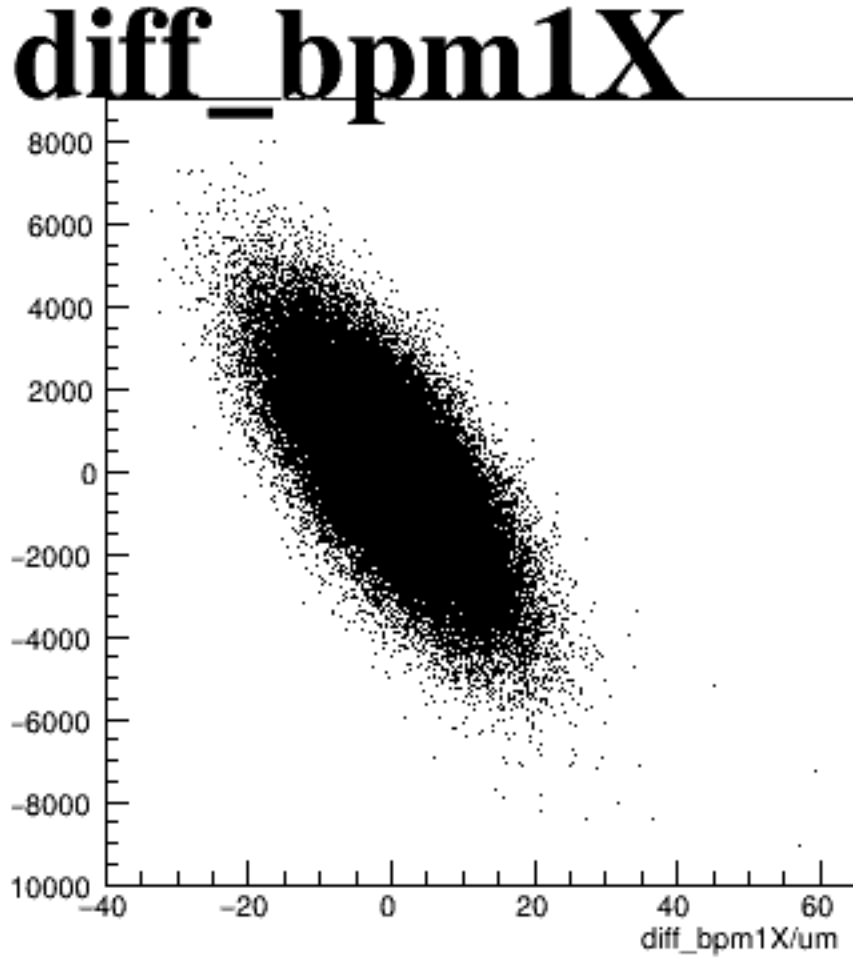
reg_asym_sam6



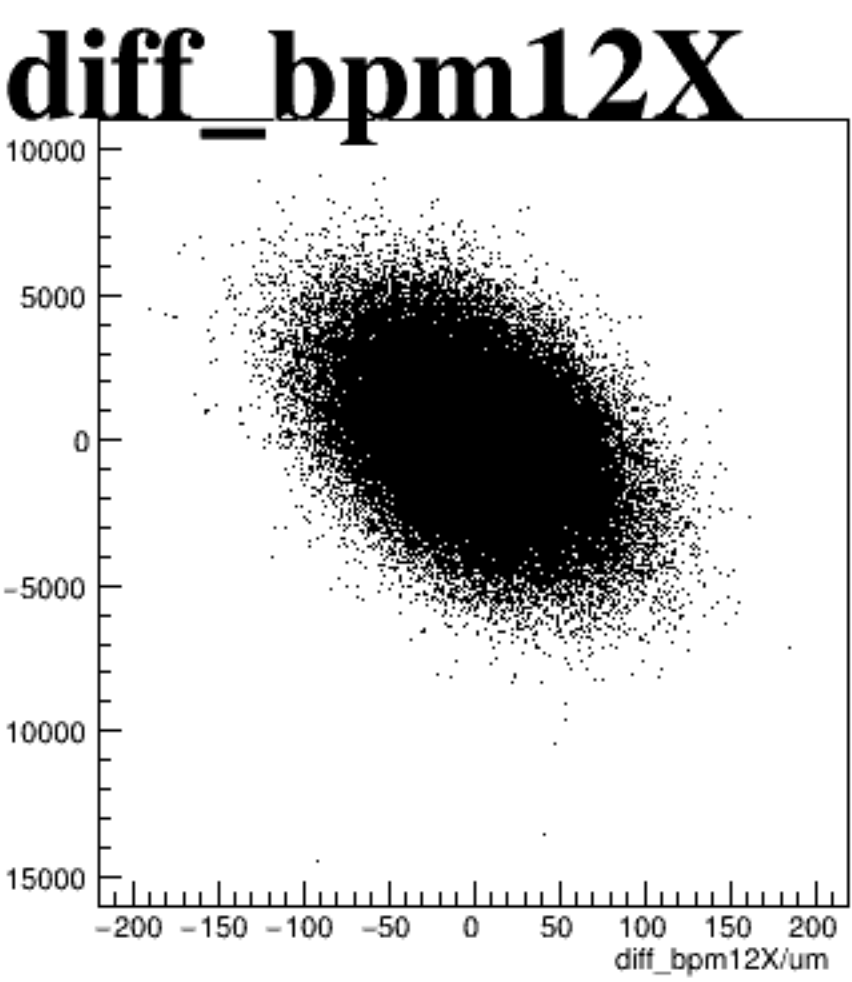
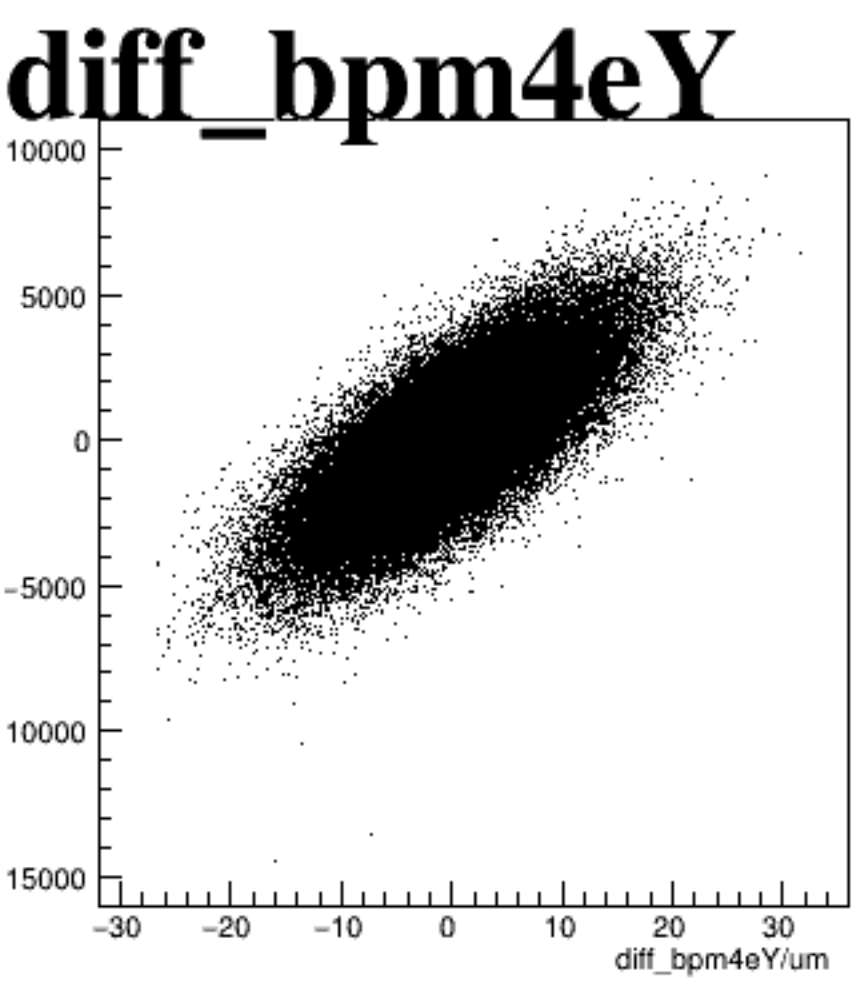
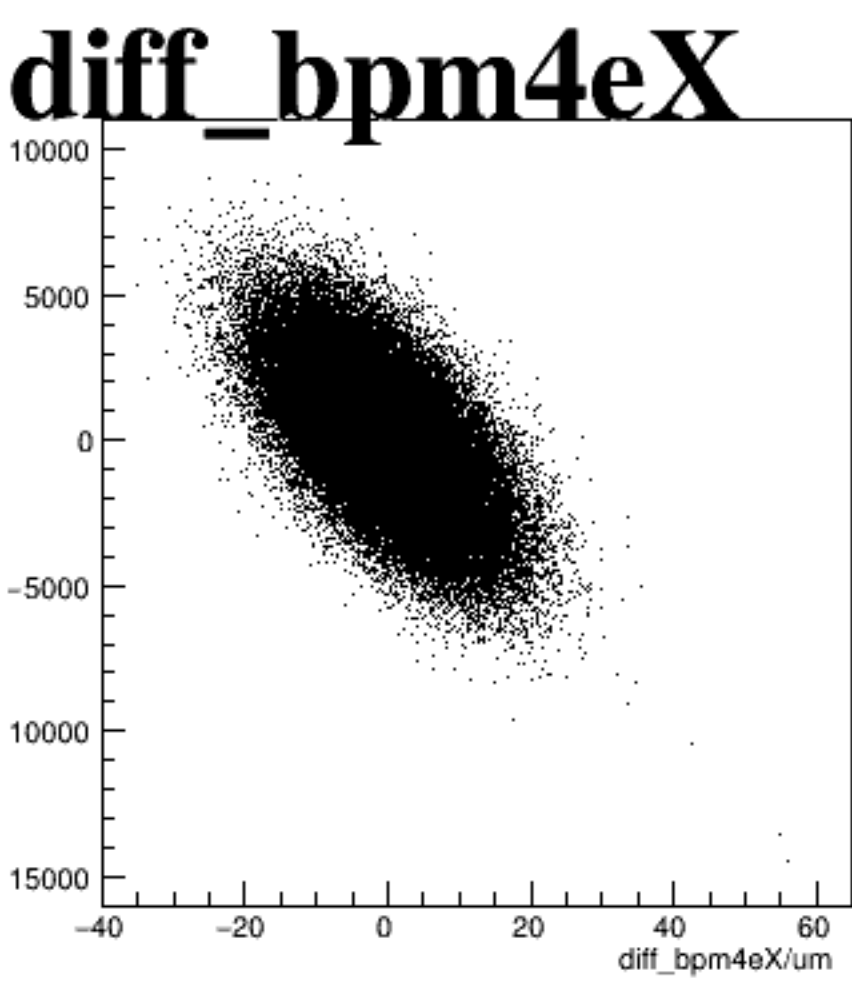
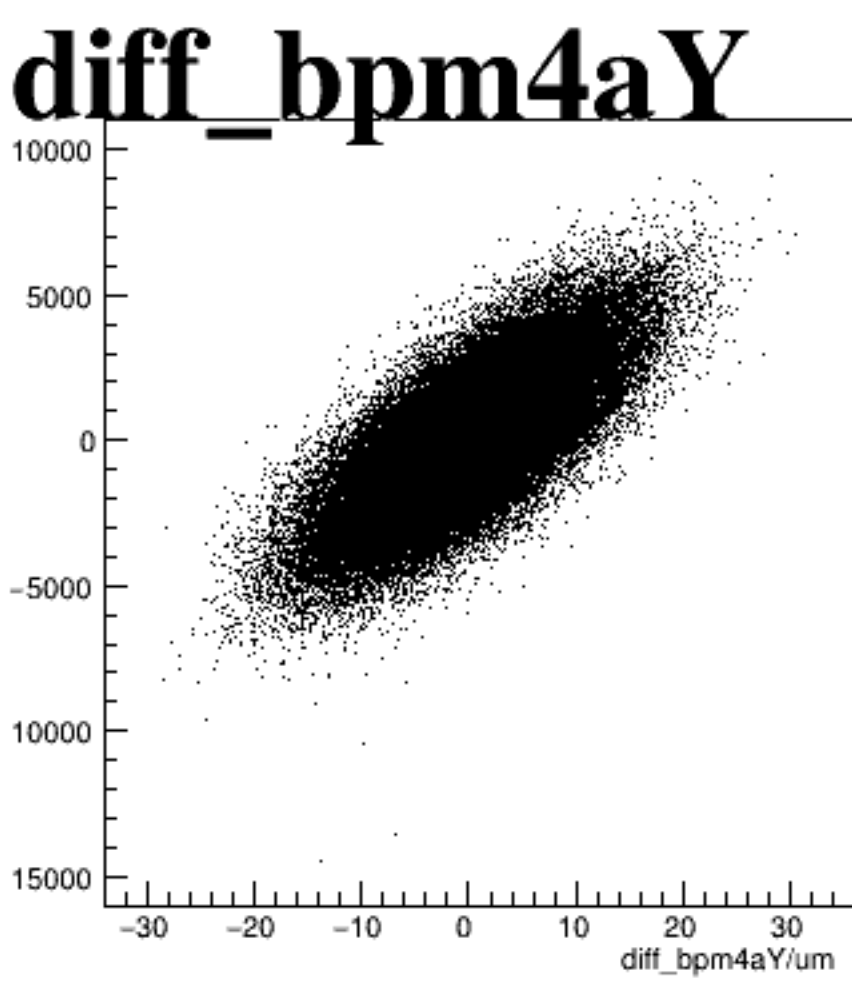
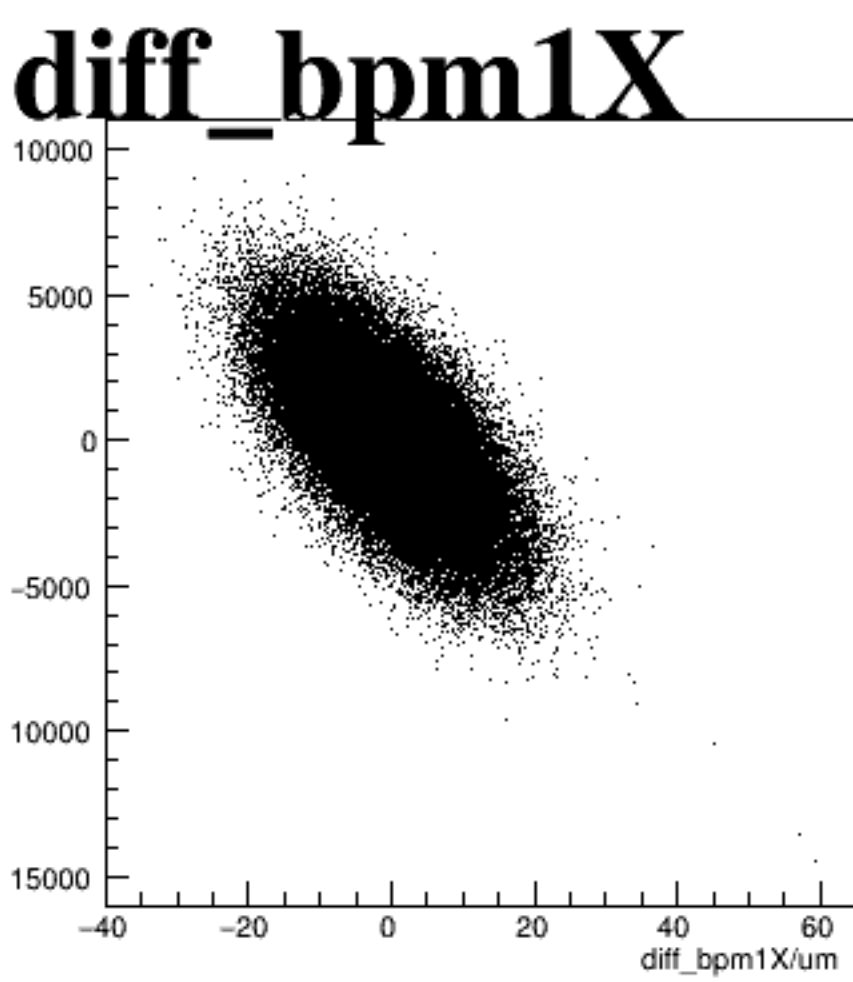
reg_asym_sam8



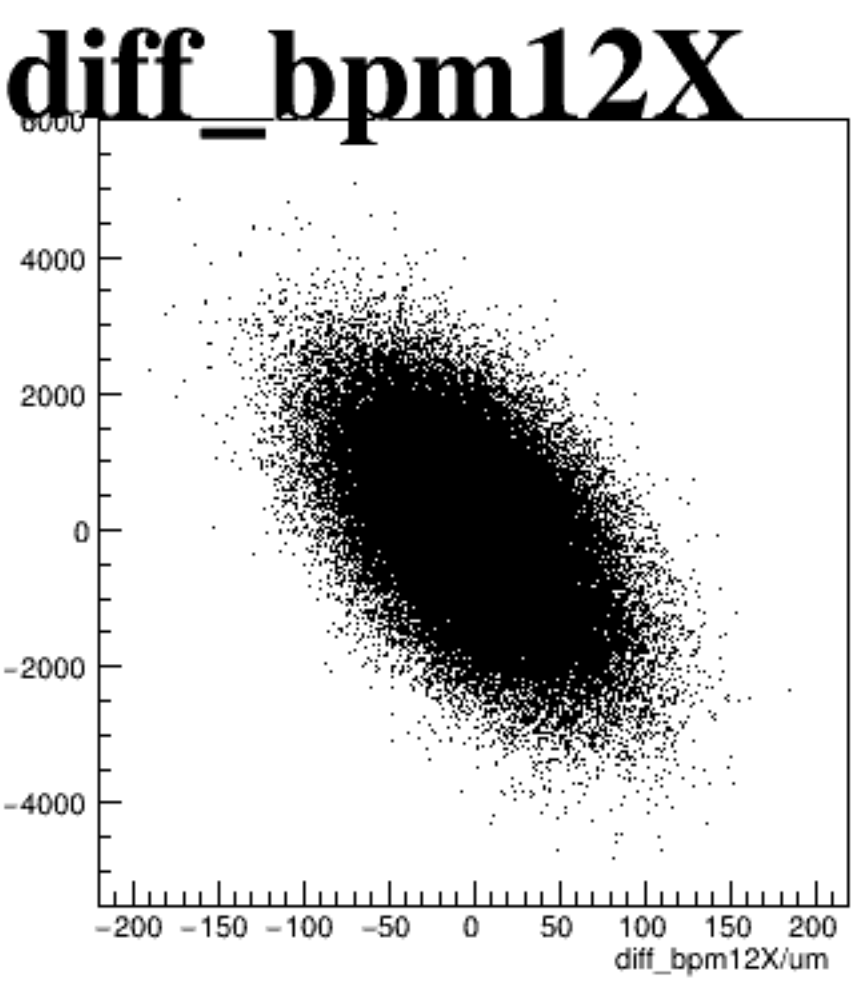
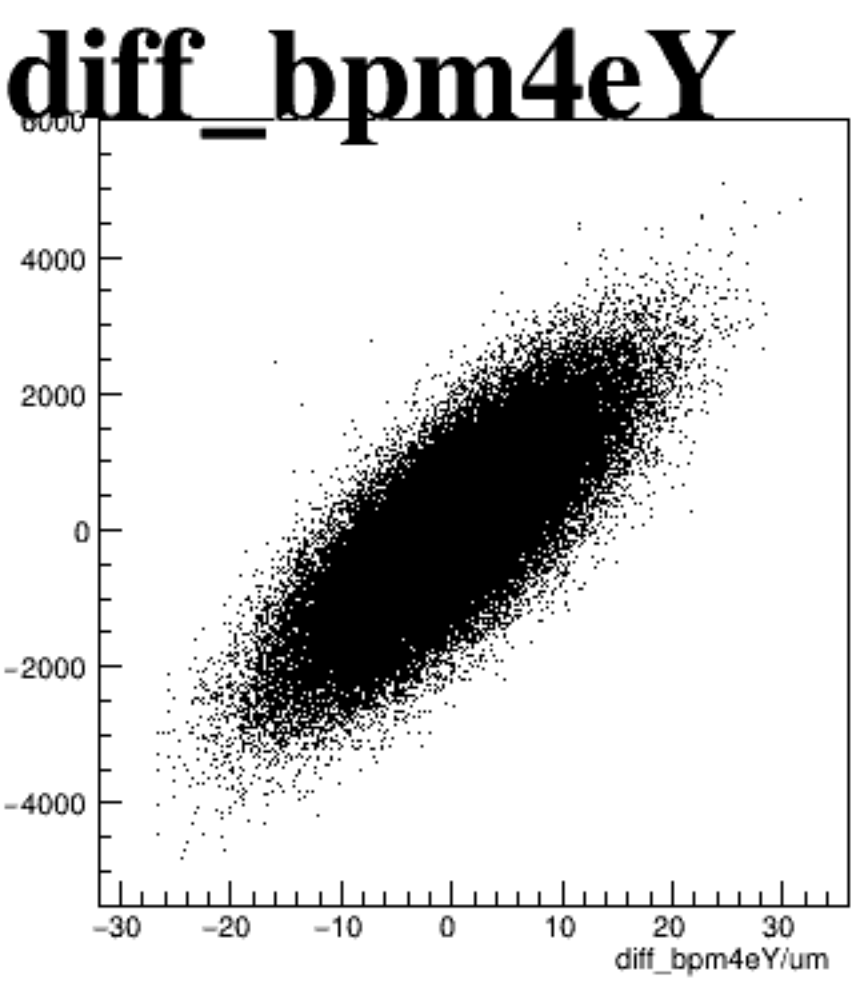
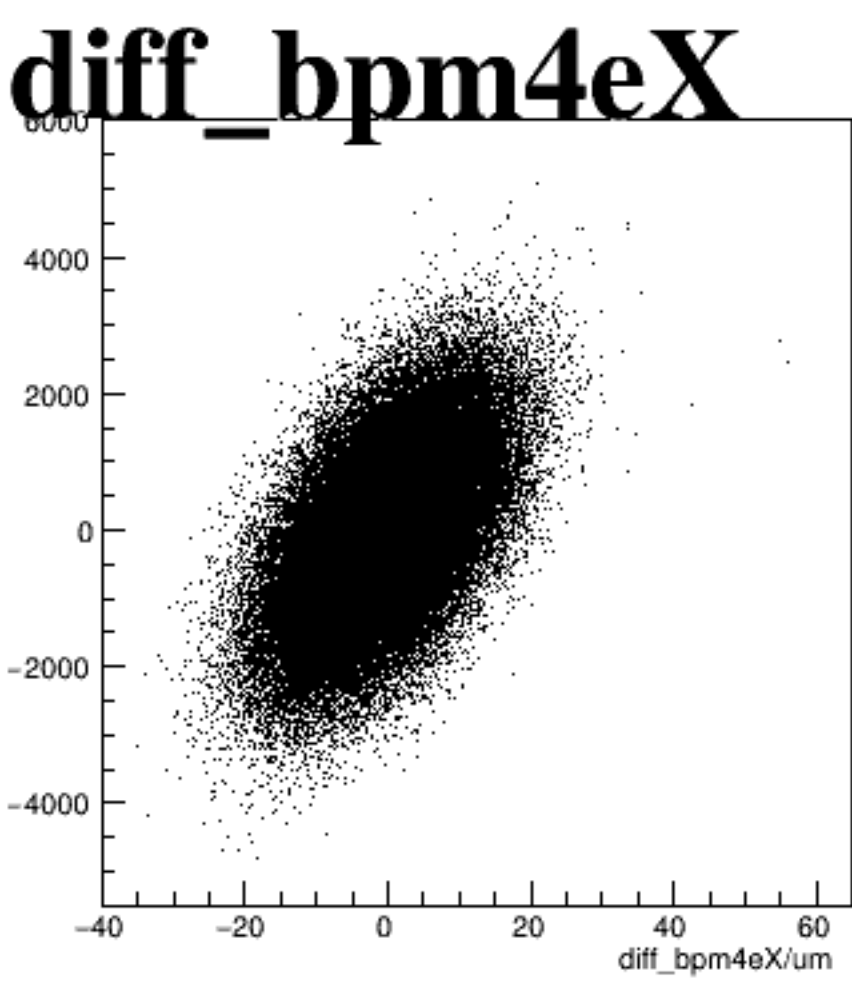
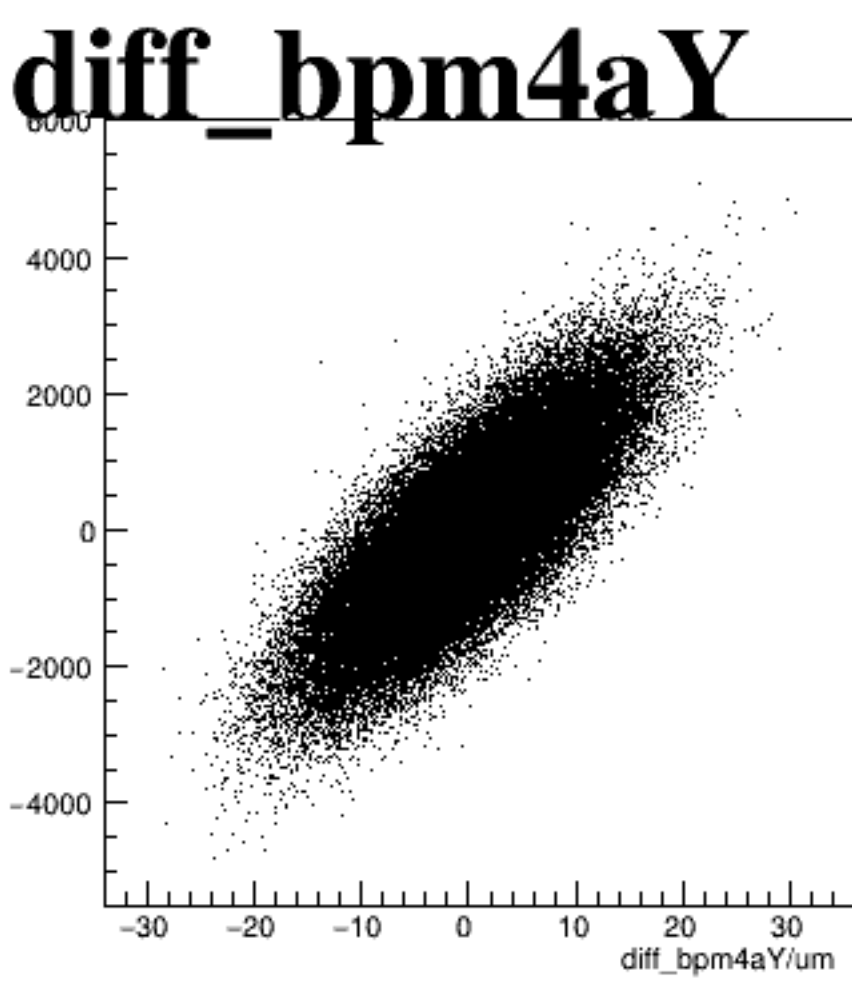
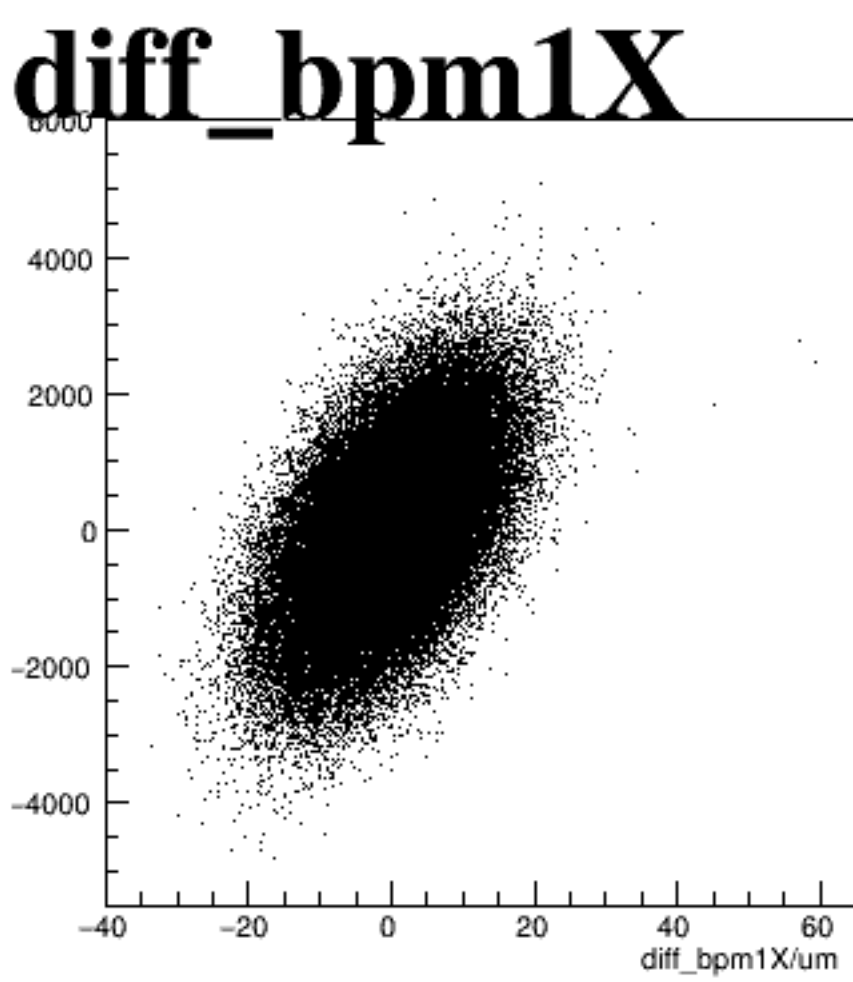
asym_sam2



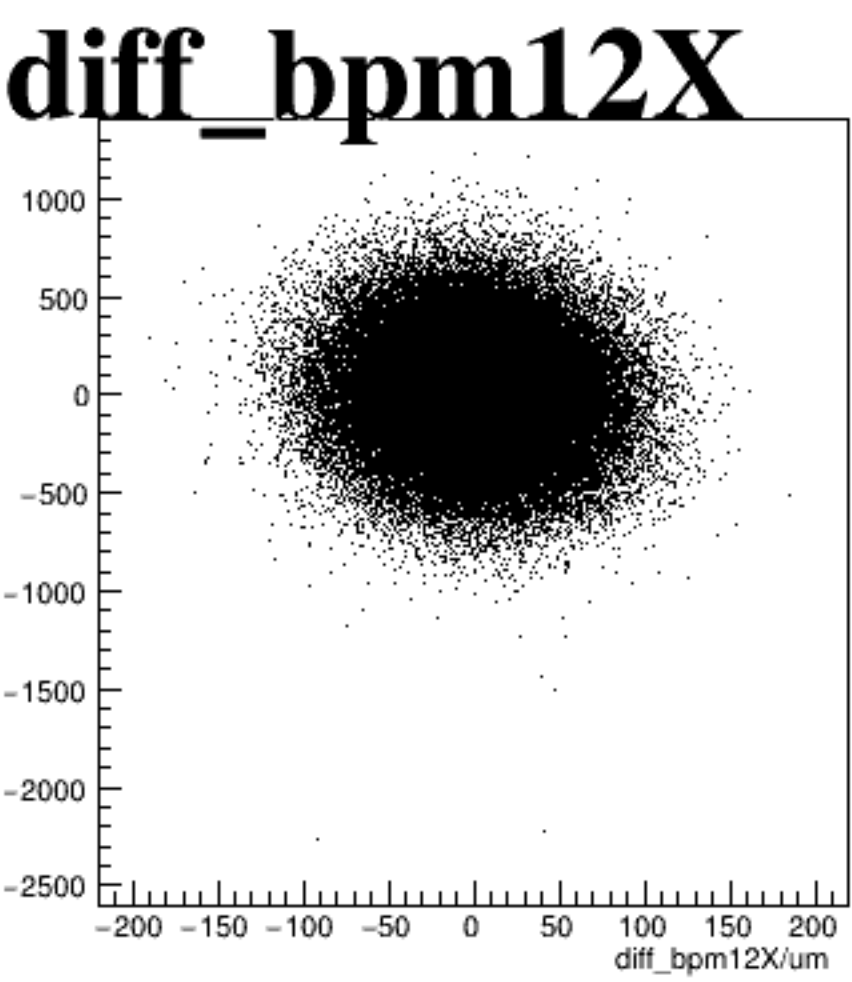
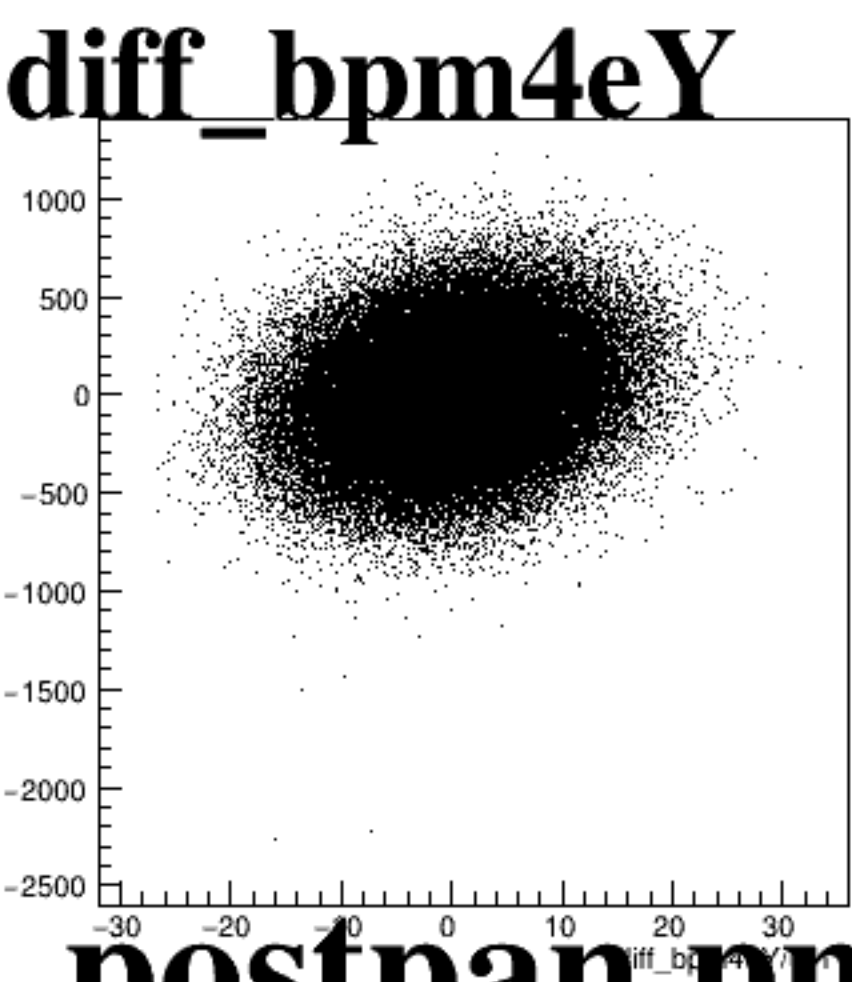
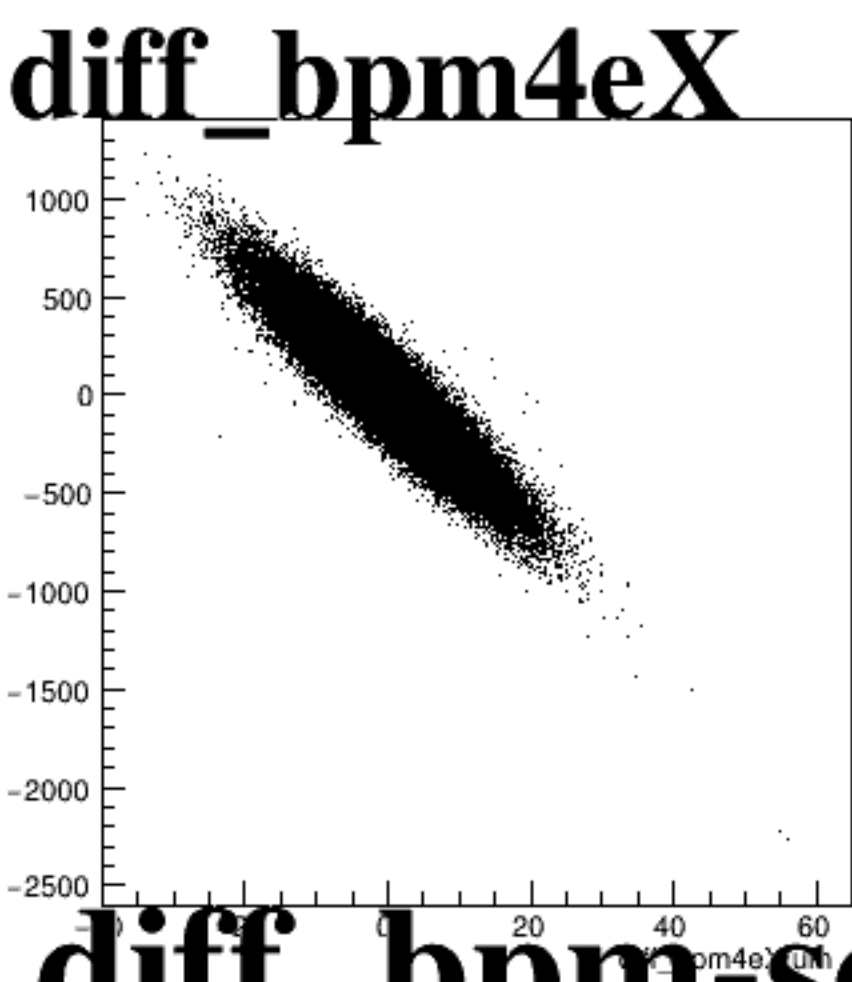
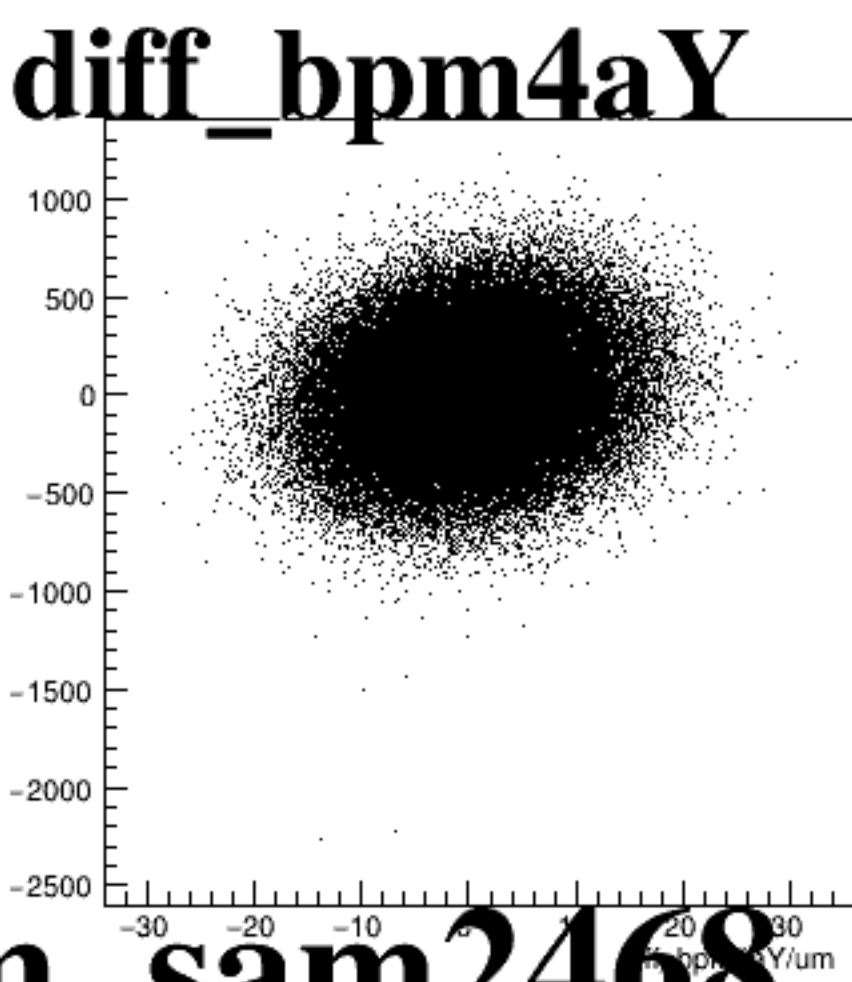
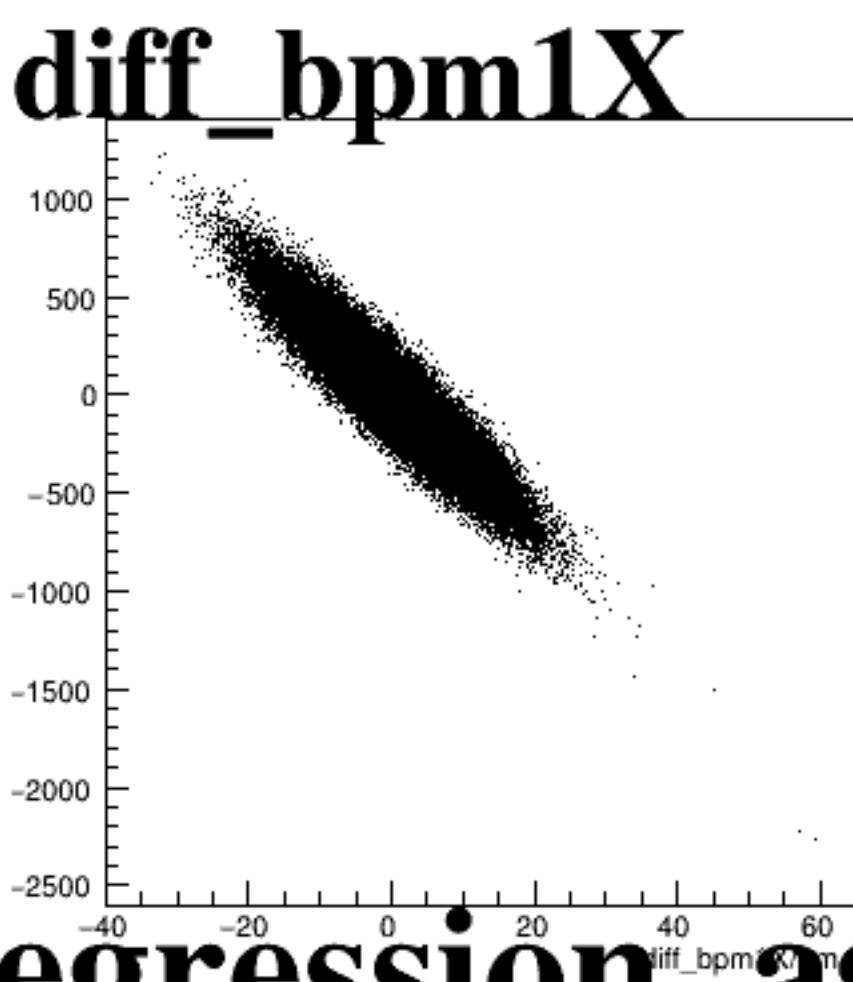
asym_sam4



asym_sam6



asym_sam8

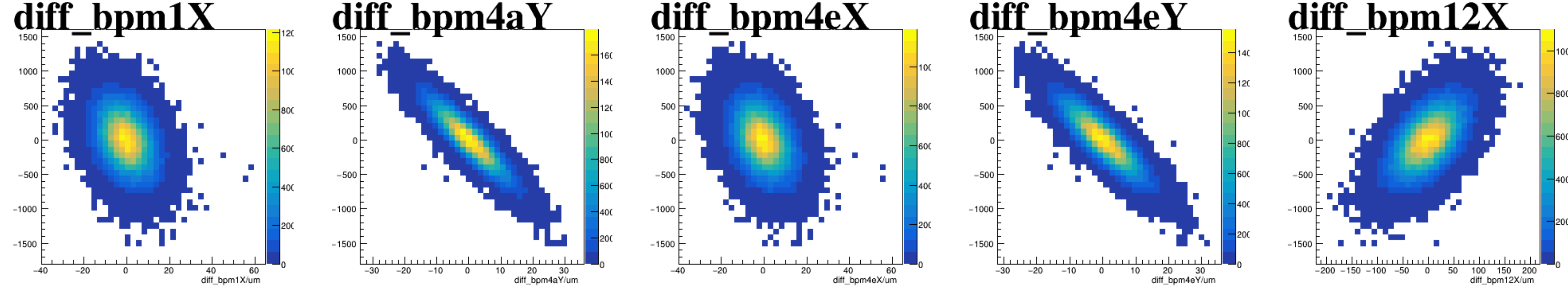


The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different diffraction order. The y-axis for all plots ranges from -1000 to 1000. The x-axis labels and ranges are as follows:

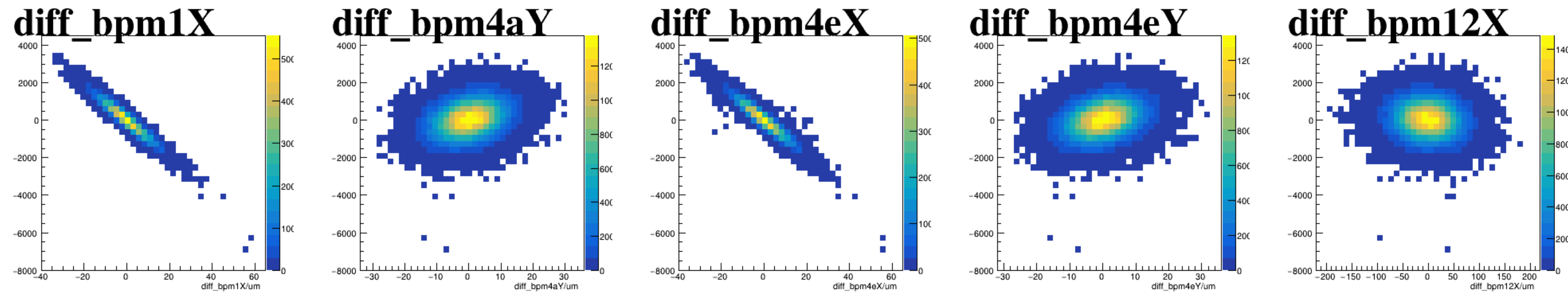
- diff_bpm1X:** x-axis ranges from -40 to 60.
- diff_bpm4aY:** x-axis ranges from -30 to 30.
- diff_bpm4eX:** x-axis ranges from -40 to 60.
- diff_bpm4eY:** x-axis ranges from -30 to 30.
- diff_bpm12X:** x-axis ranges from -200 to 200.

In all plots, the data points form a dense, roughly circular cloud centered at the origin (0,0), indicating a similar underlying distribution for all diffraction orders despite the different x-axis scales.

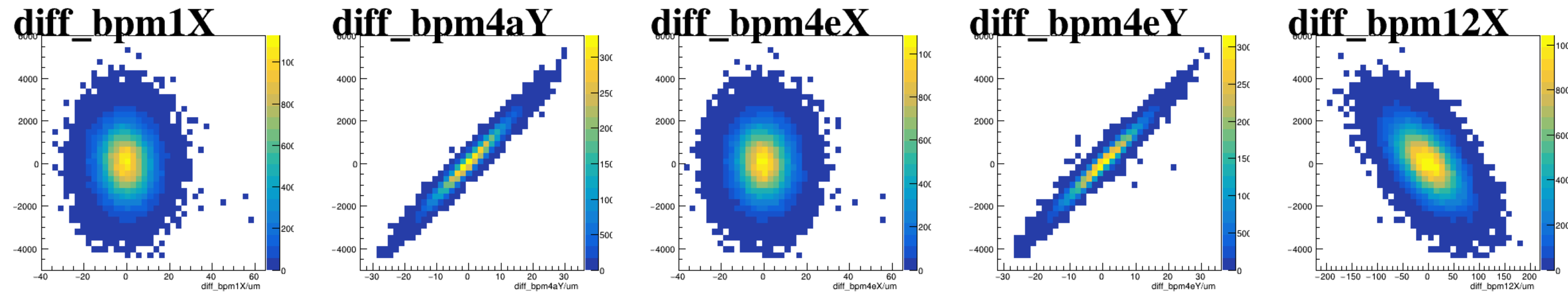
asym_sam1



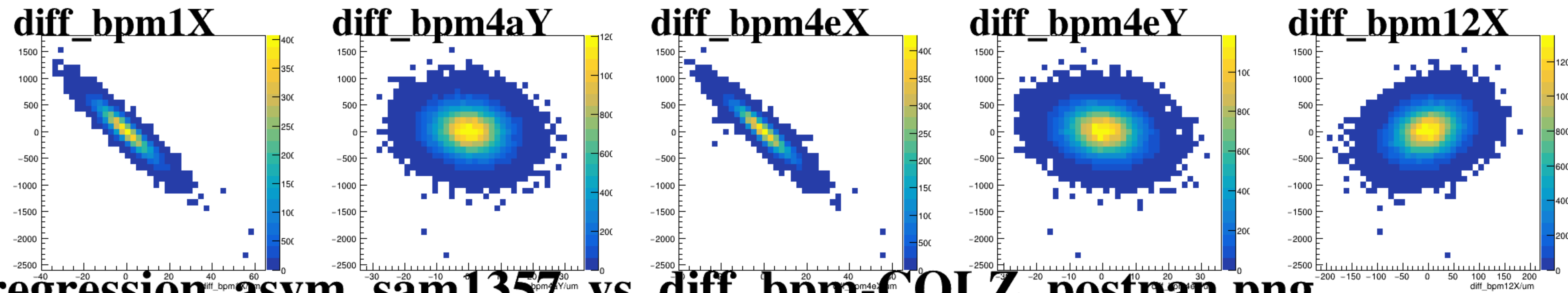
asym_sam3



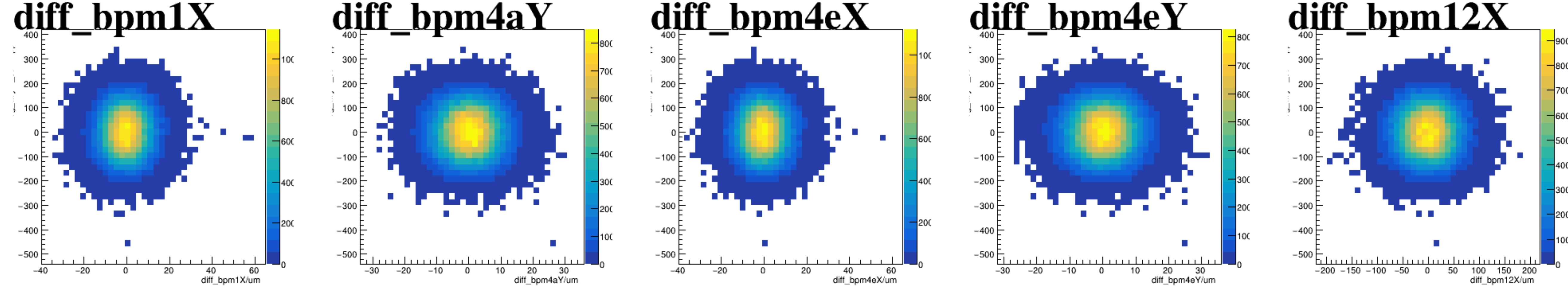
asym_sam5



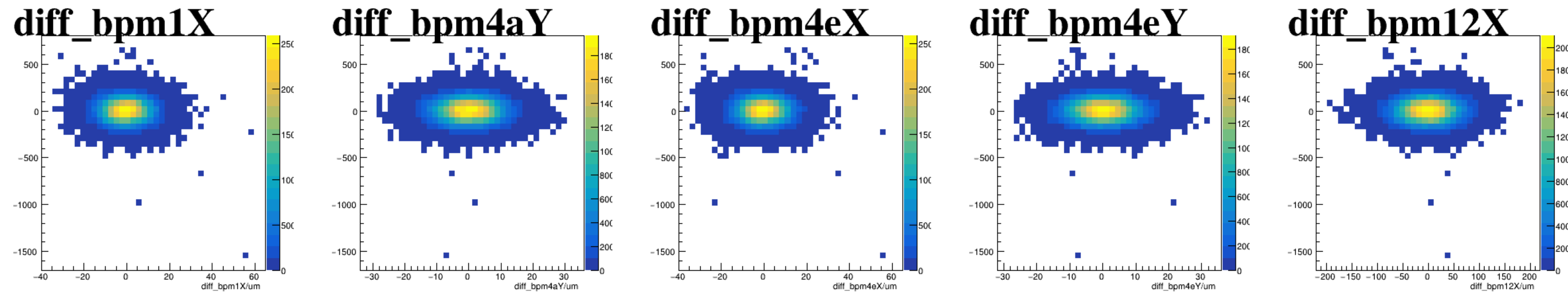
asym_sam7



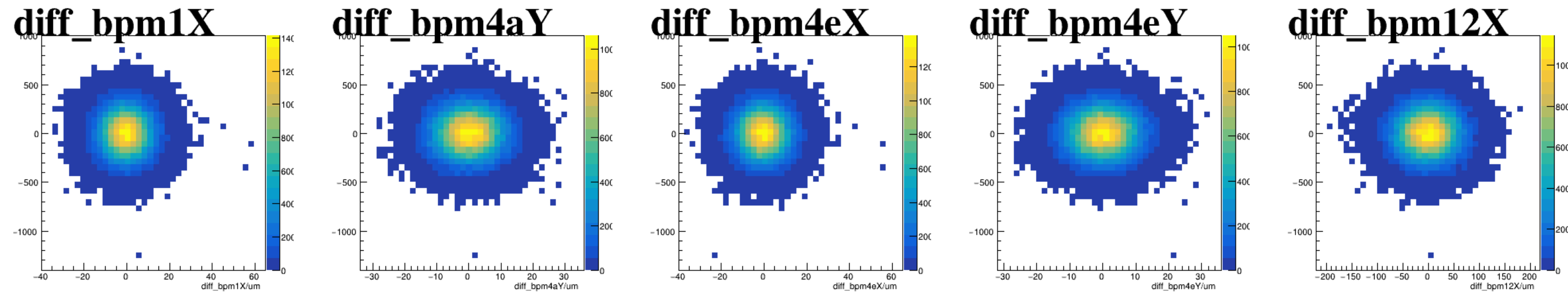
reg_asym_sam1



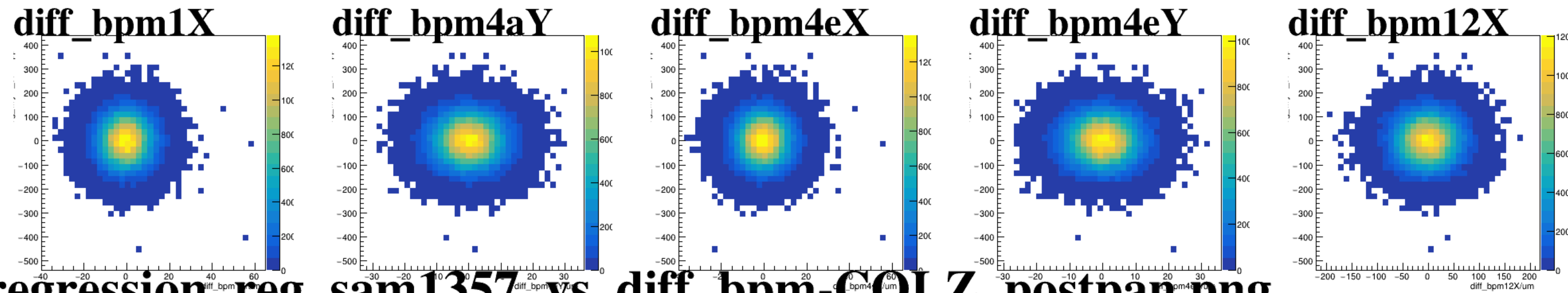
reg_asym_sam3



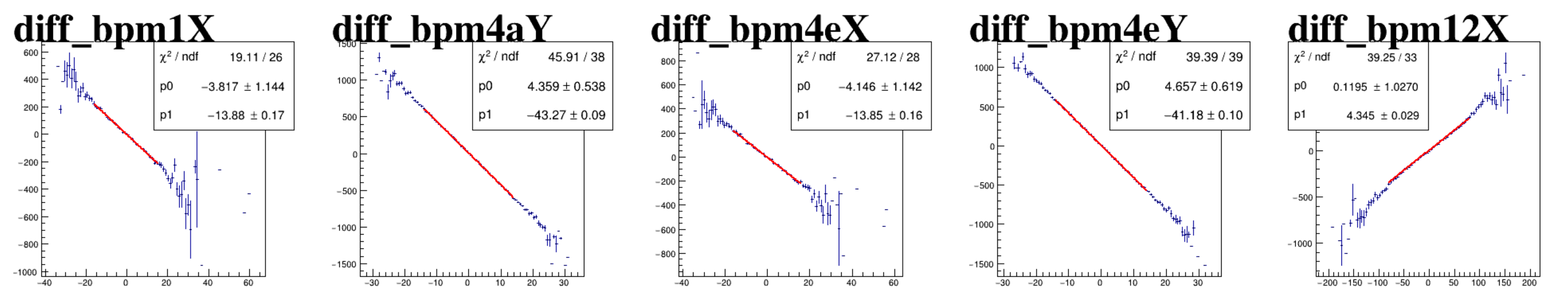
reg_asym_sam5



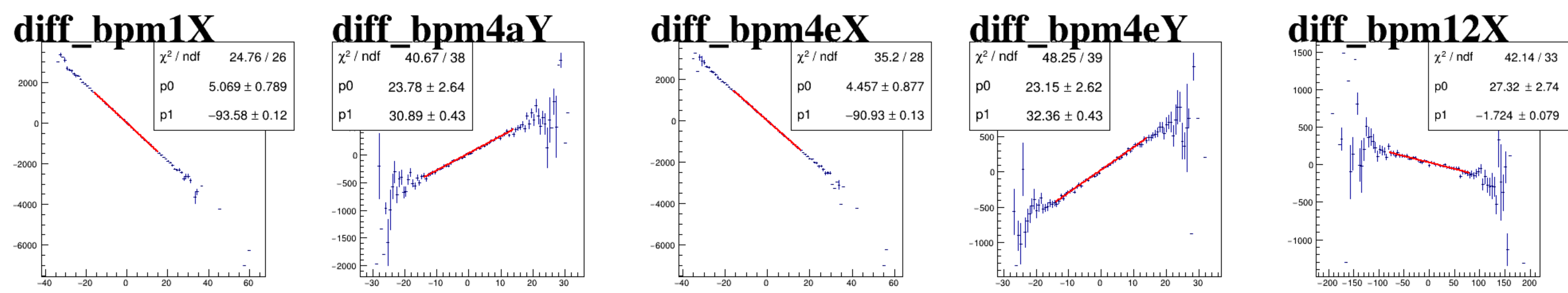
reg_asym_sam7



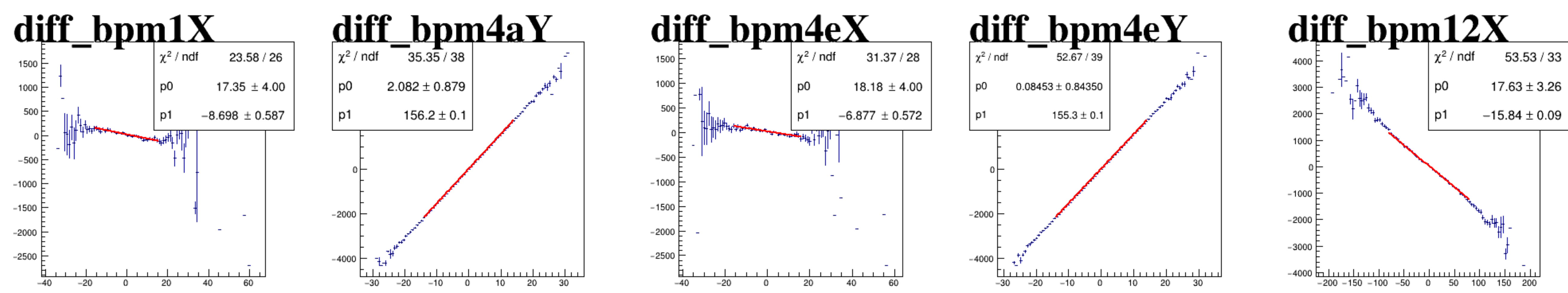
asym_sam1



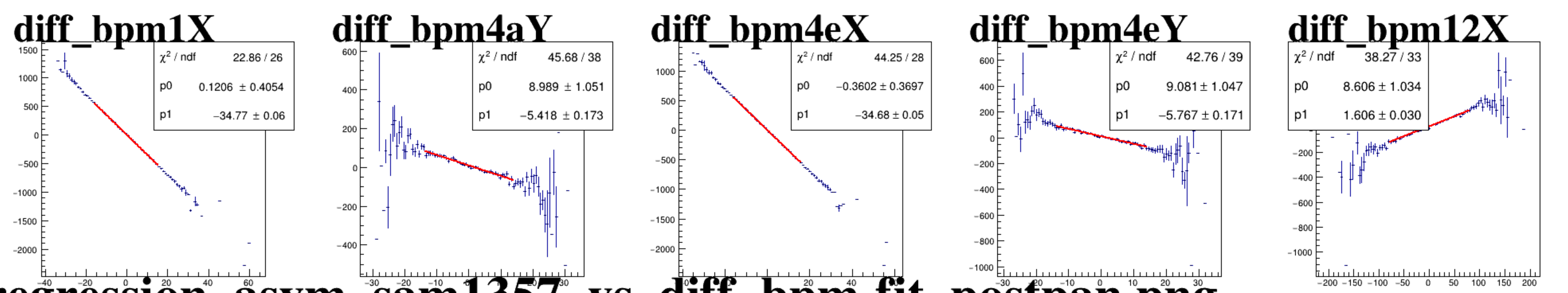
asym_sam3



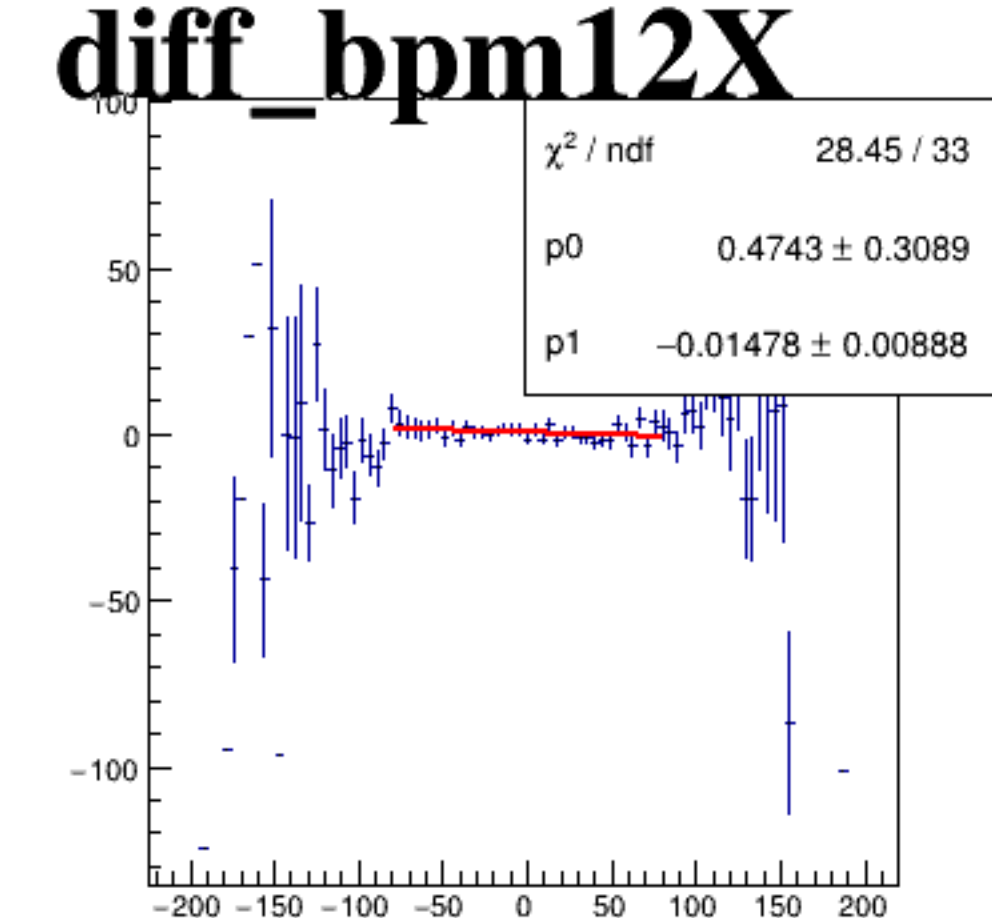
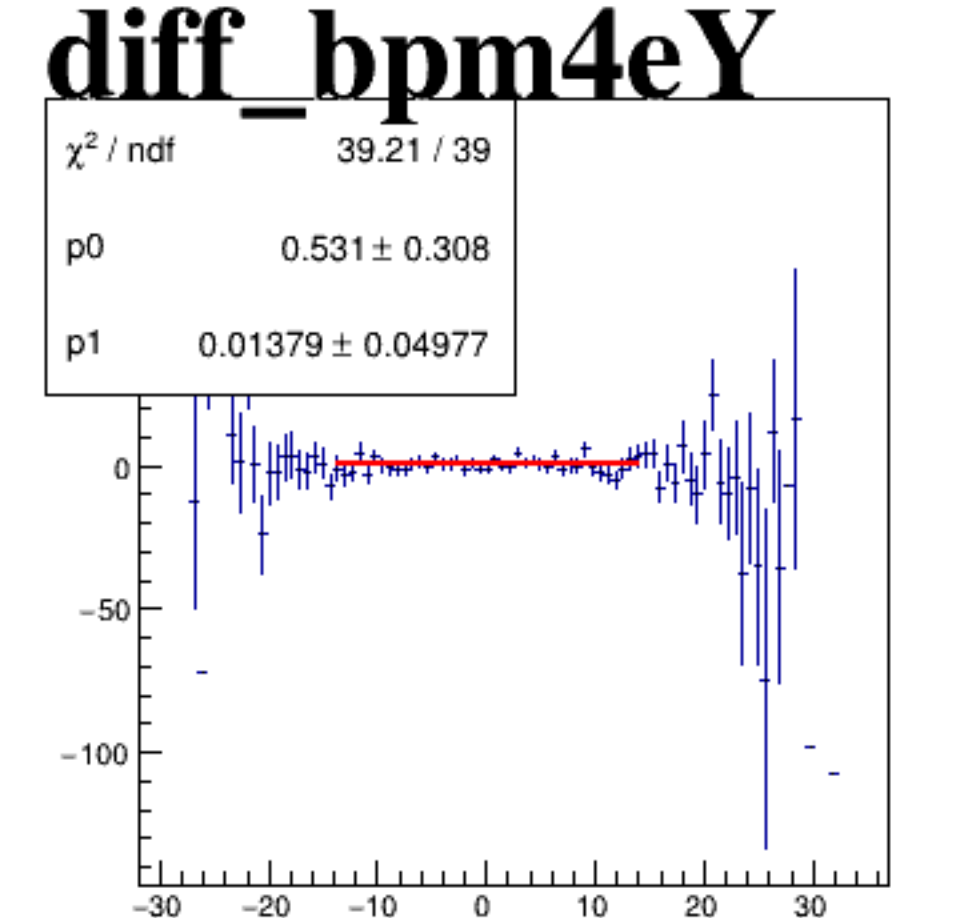
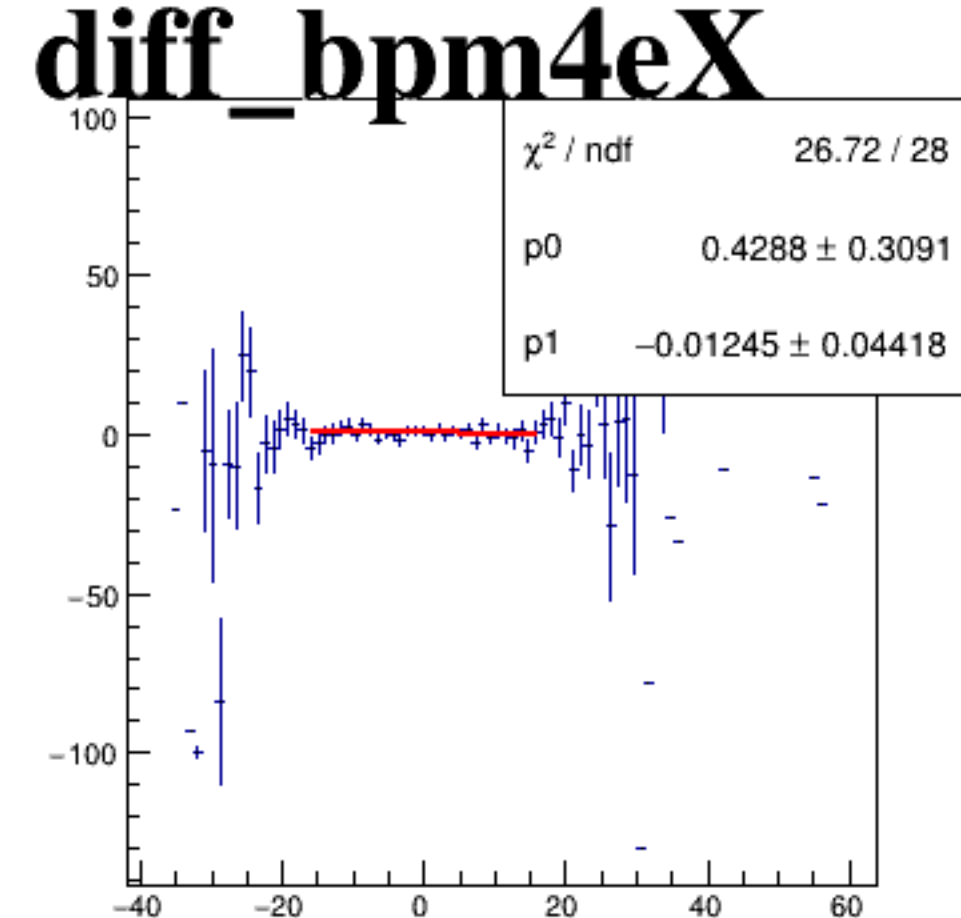
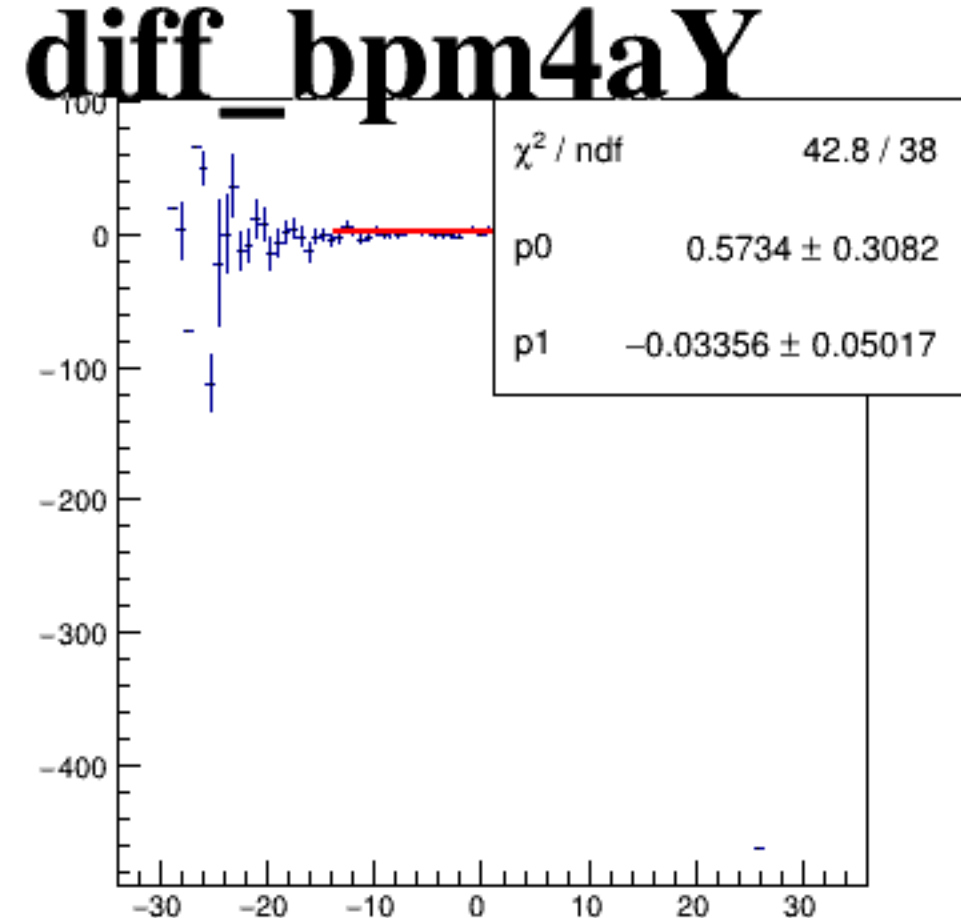
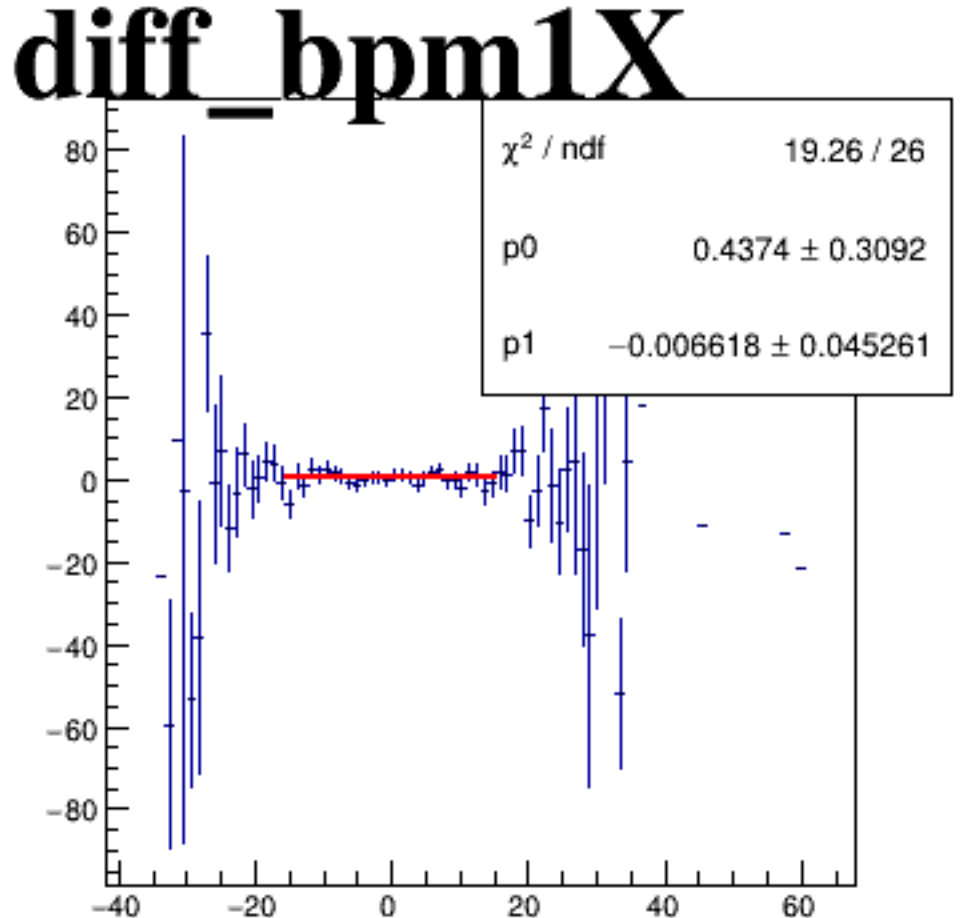
asym_sam5



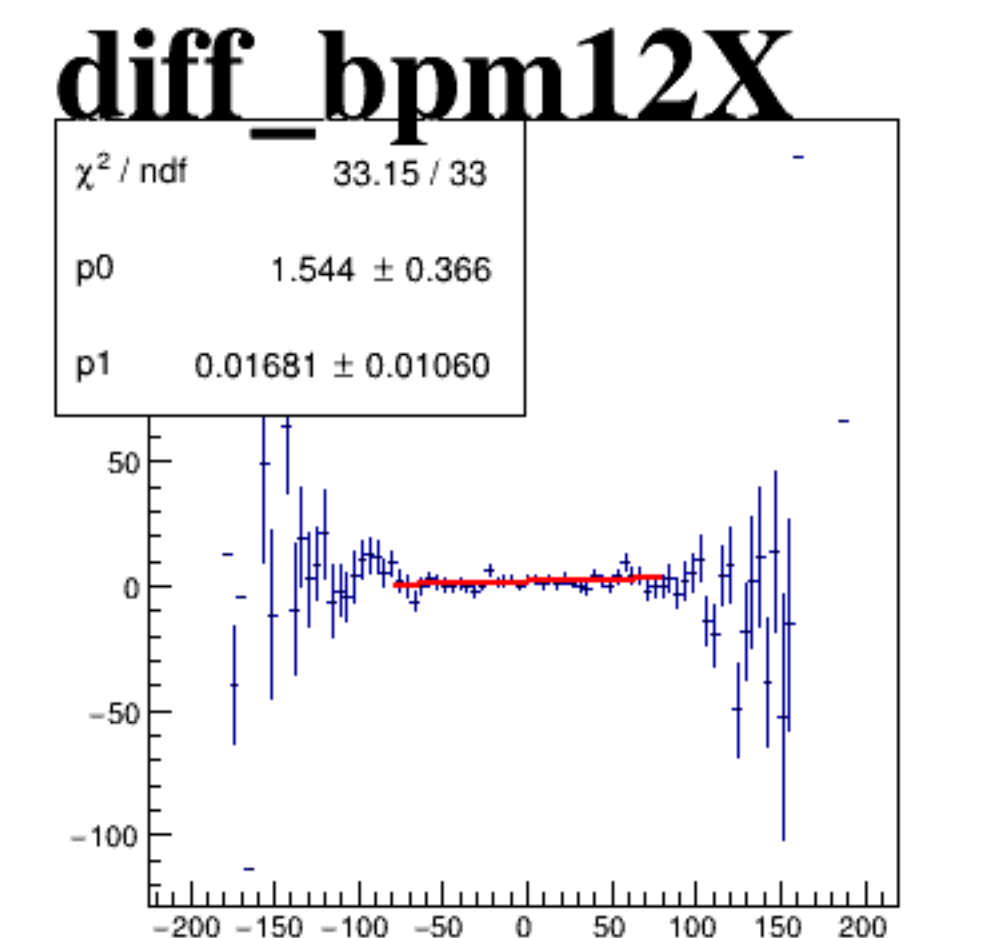
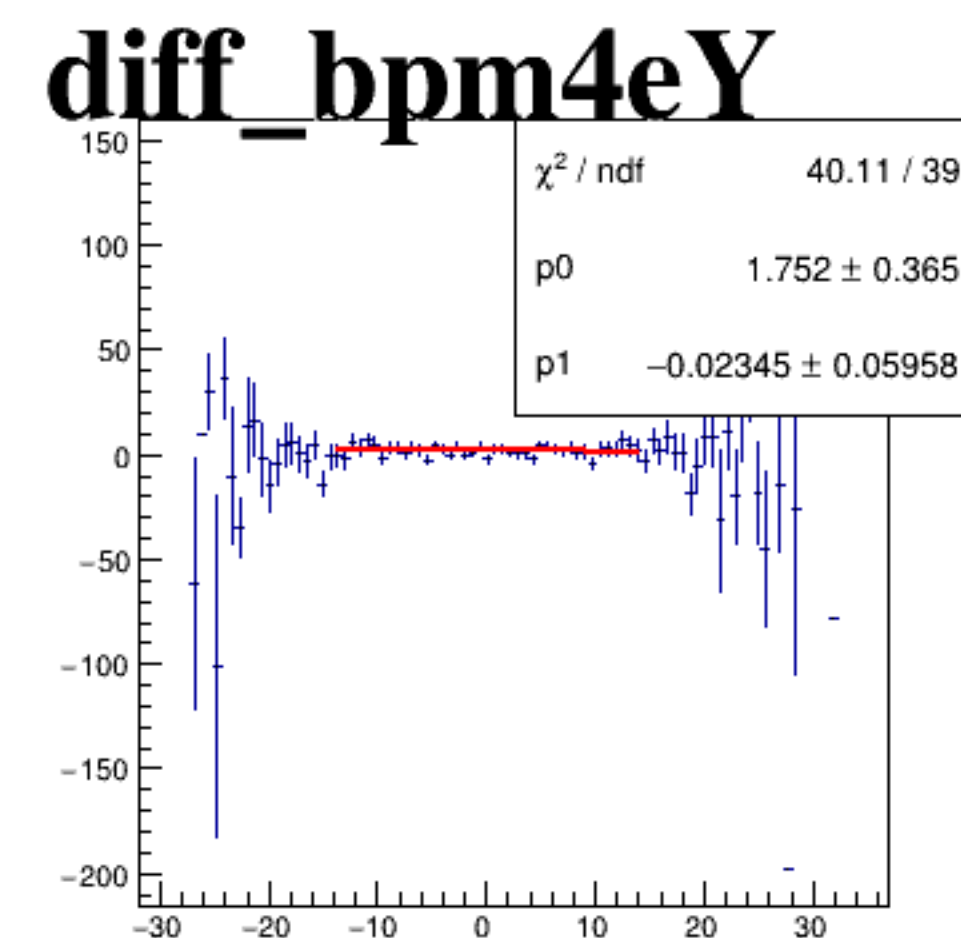
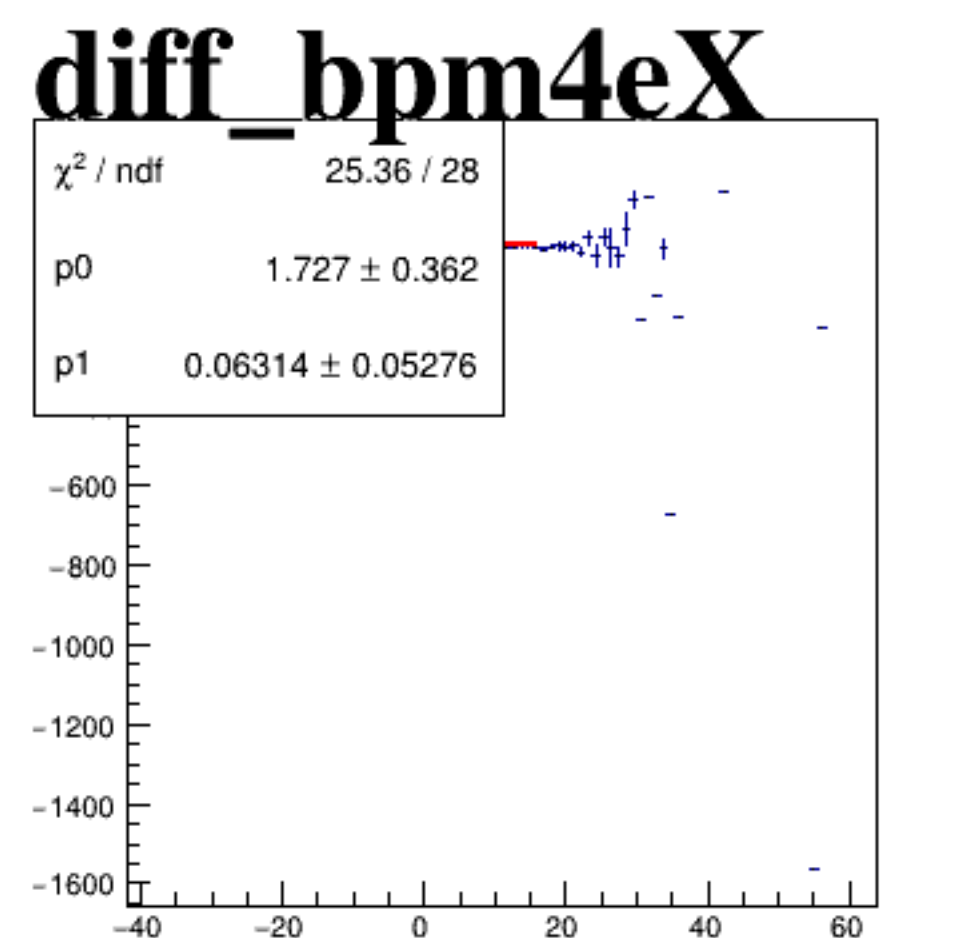
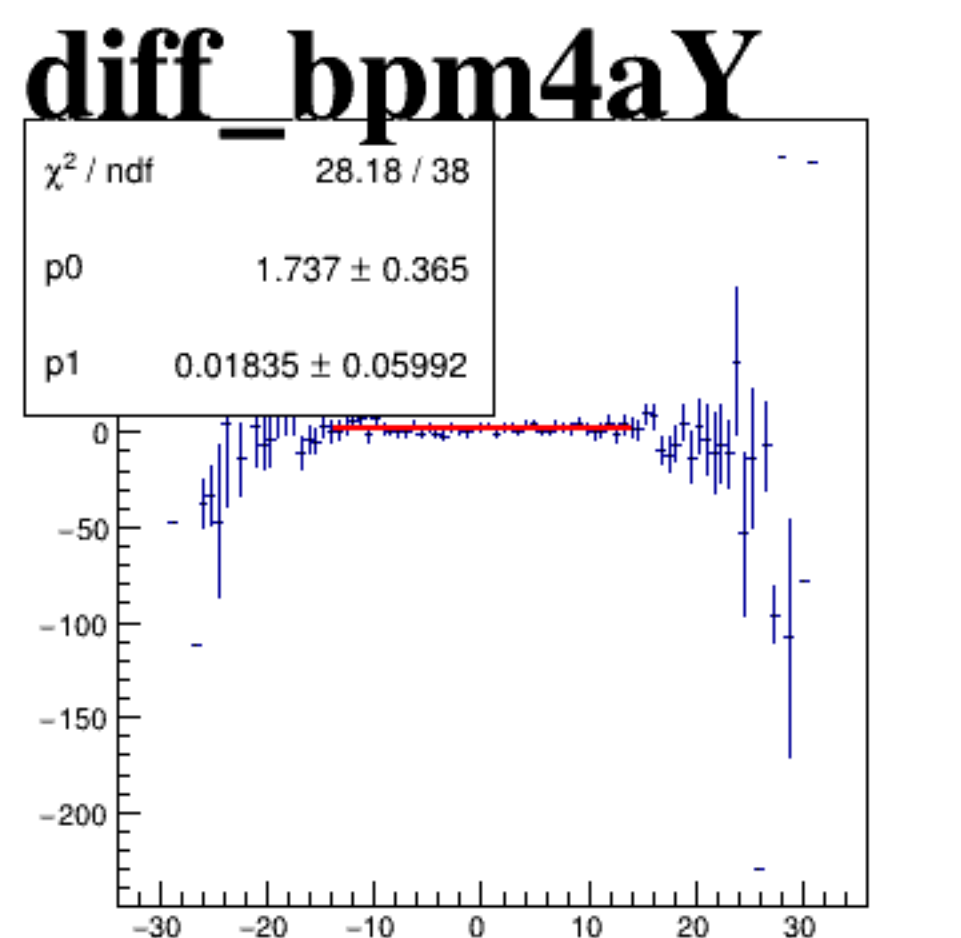
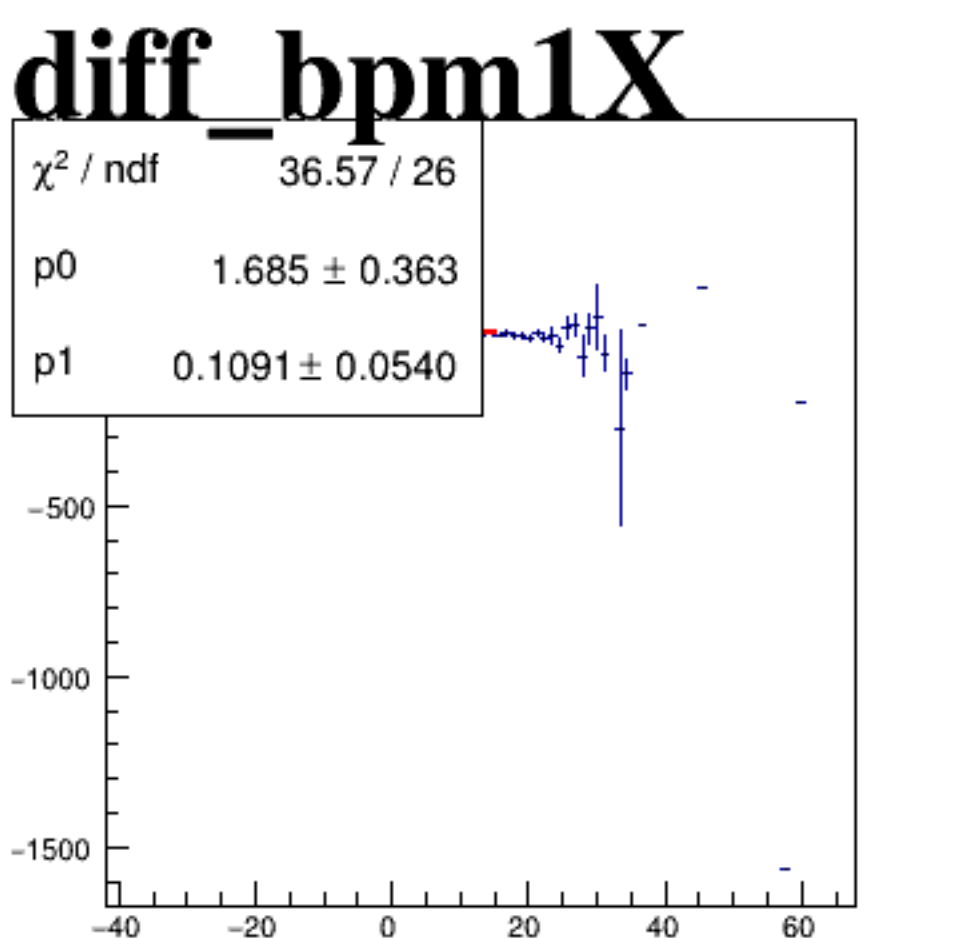
asym_sam7



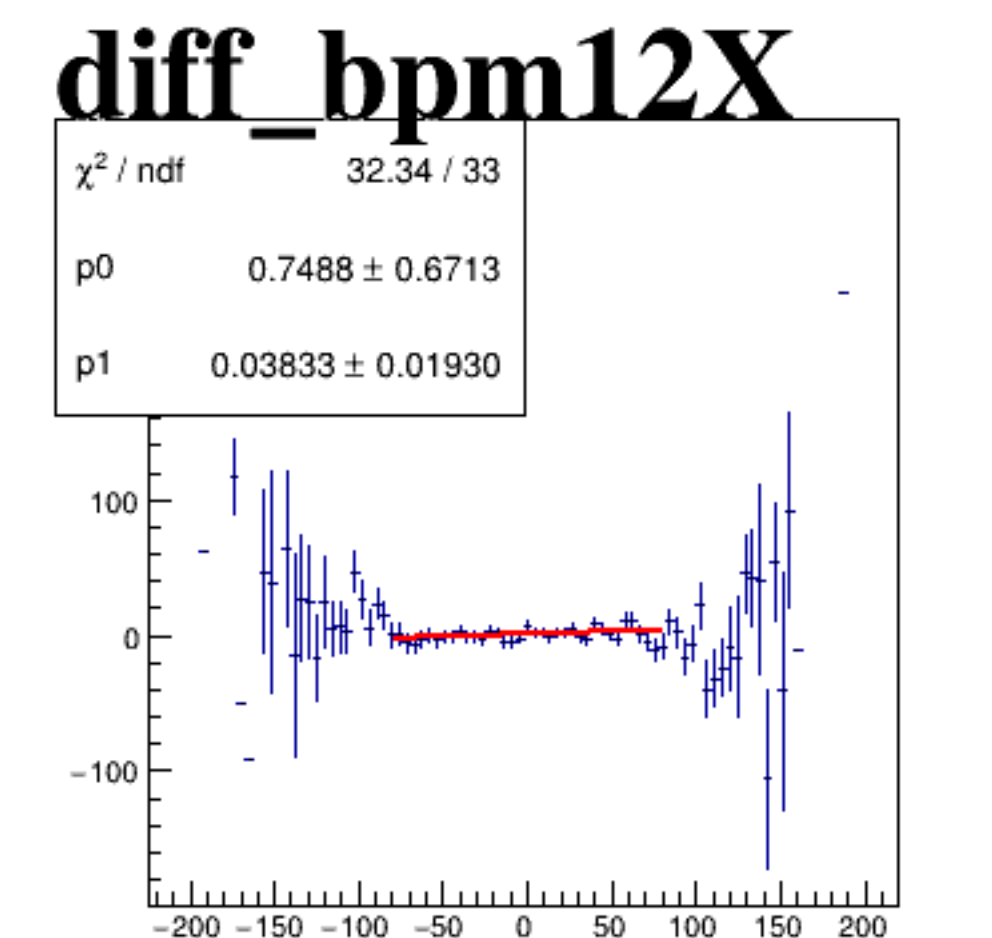
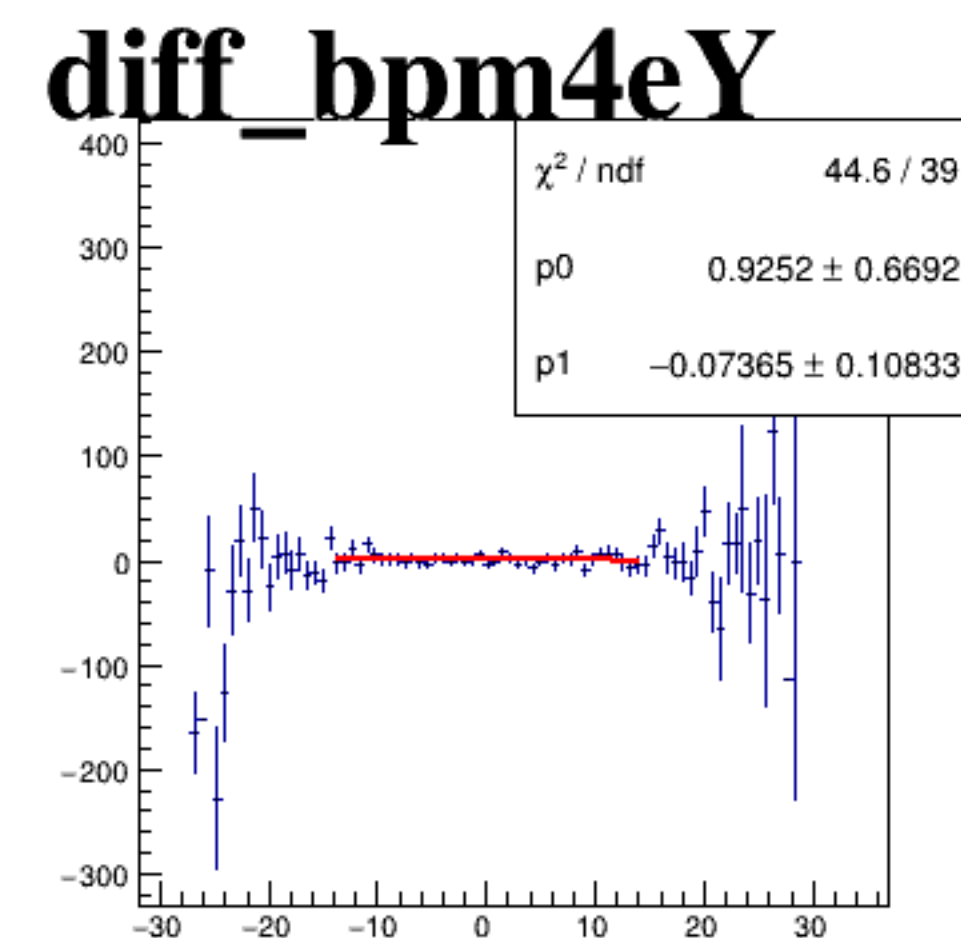
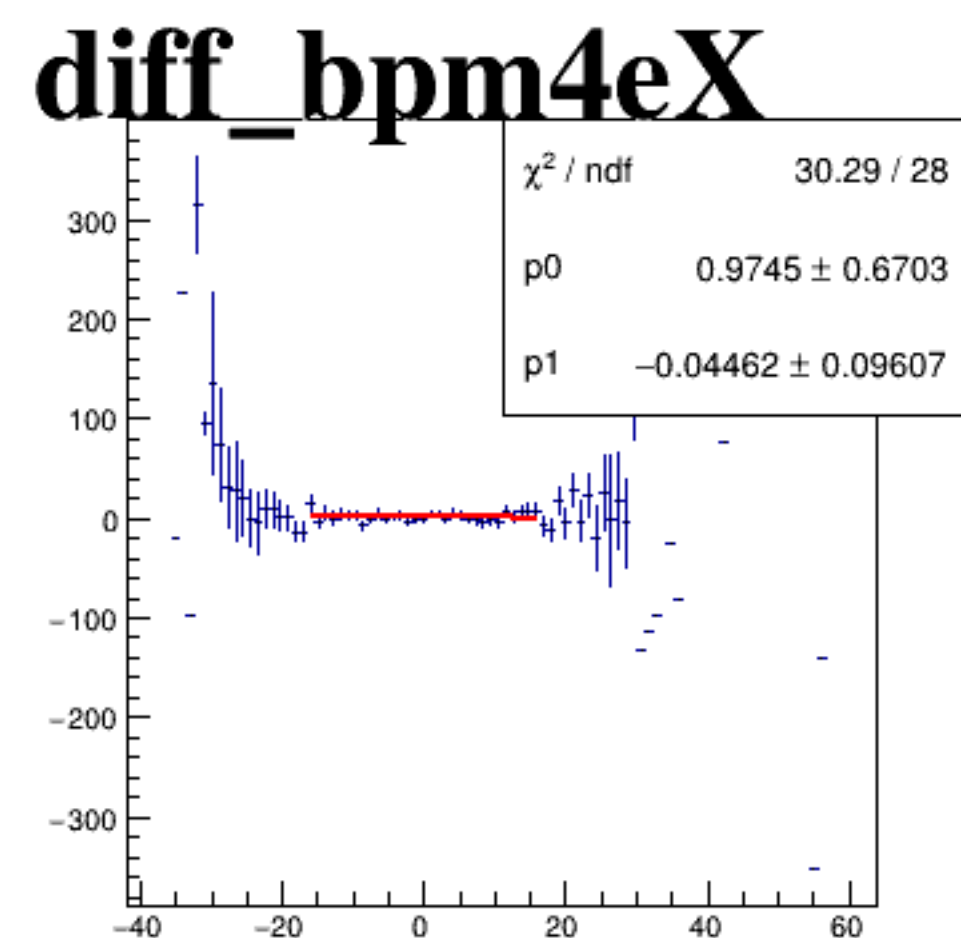
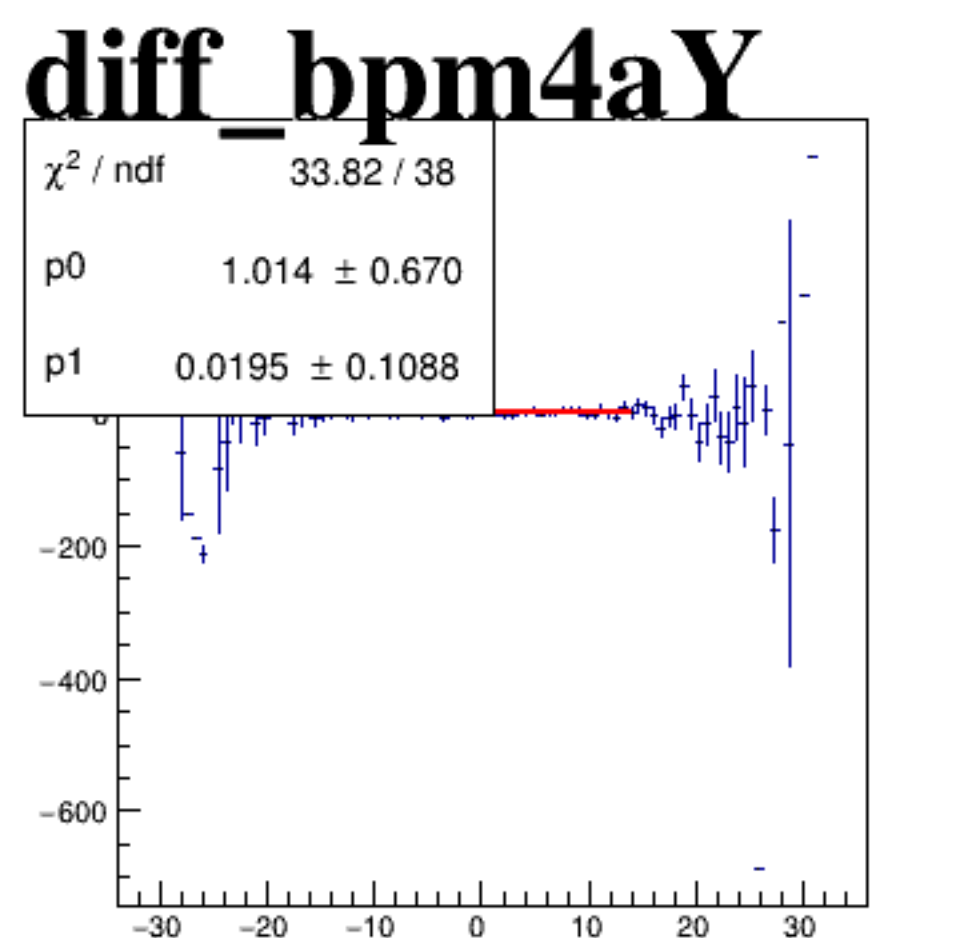
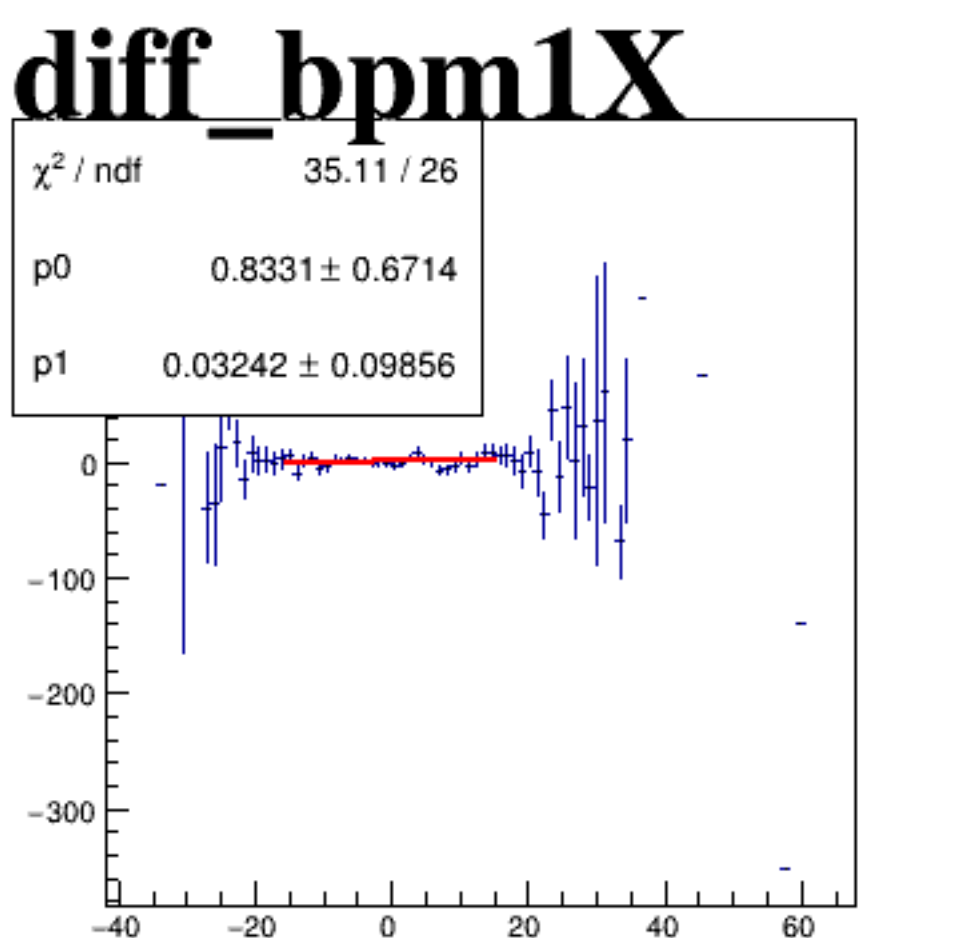
reg_asym_sam1



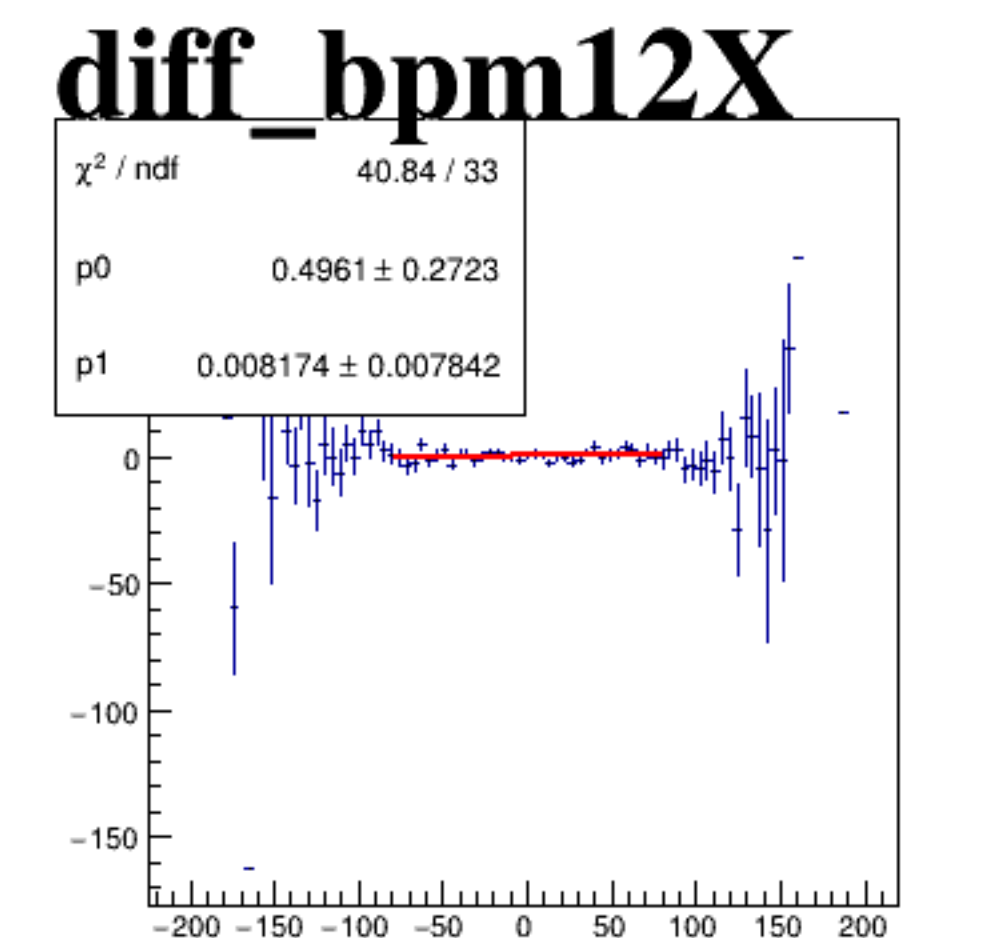
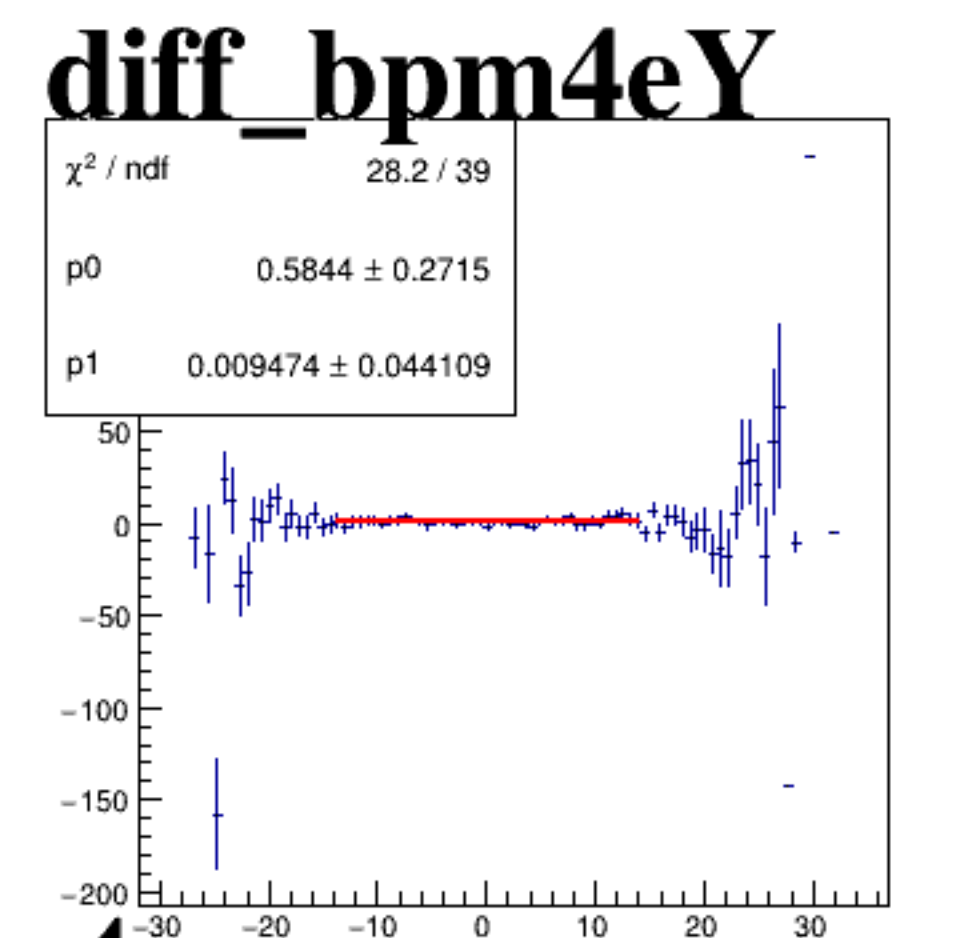
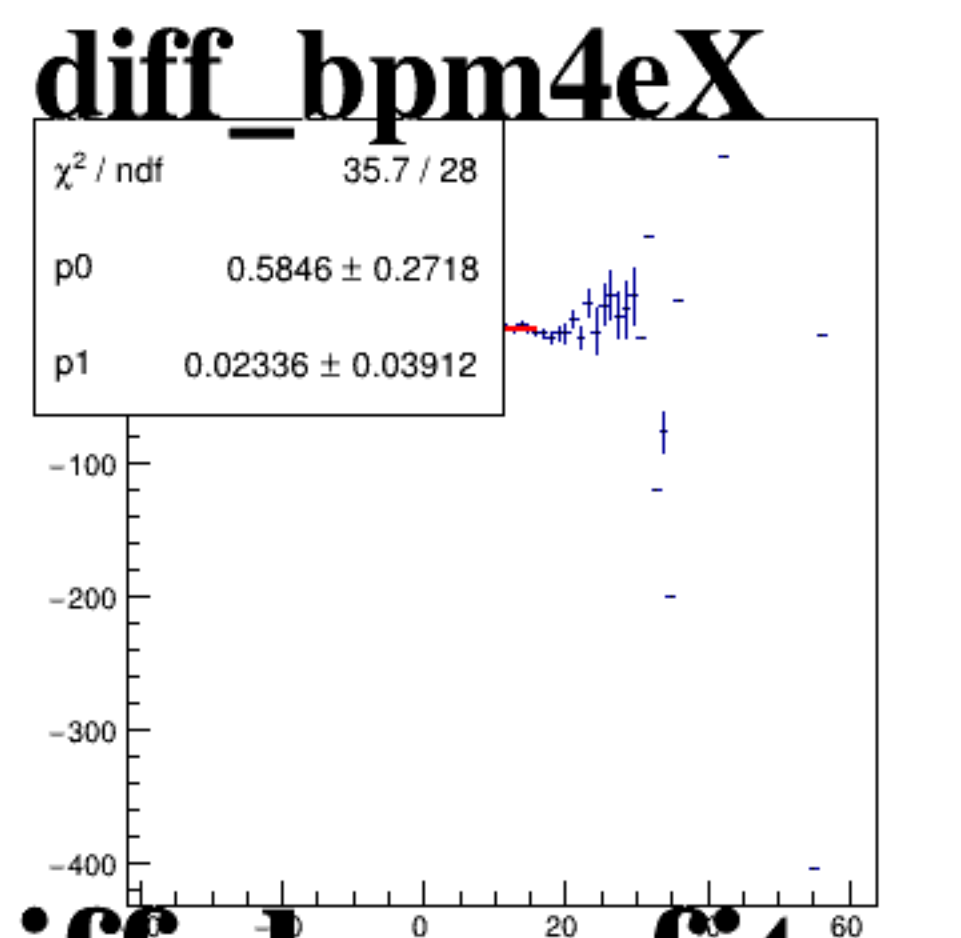
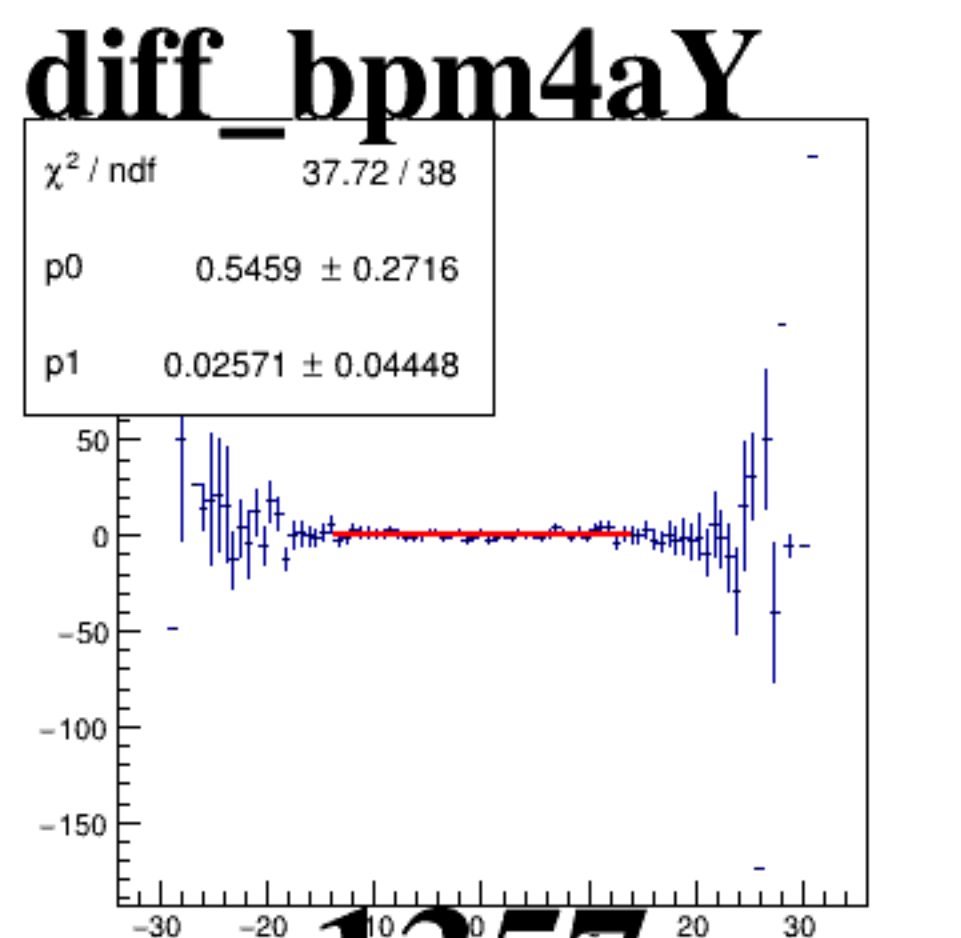
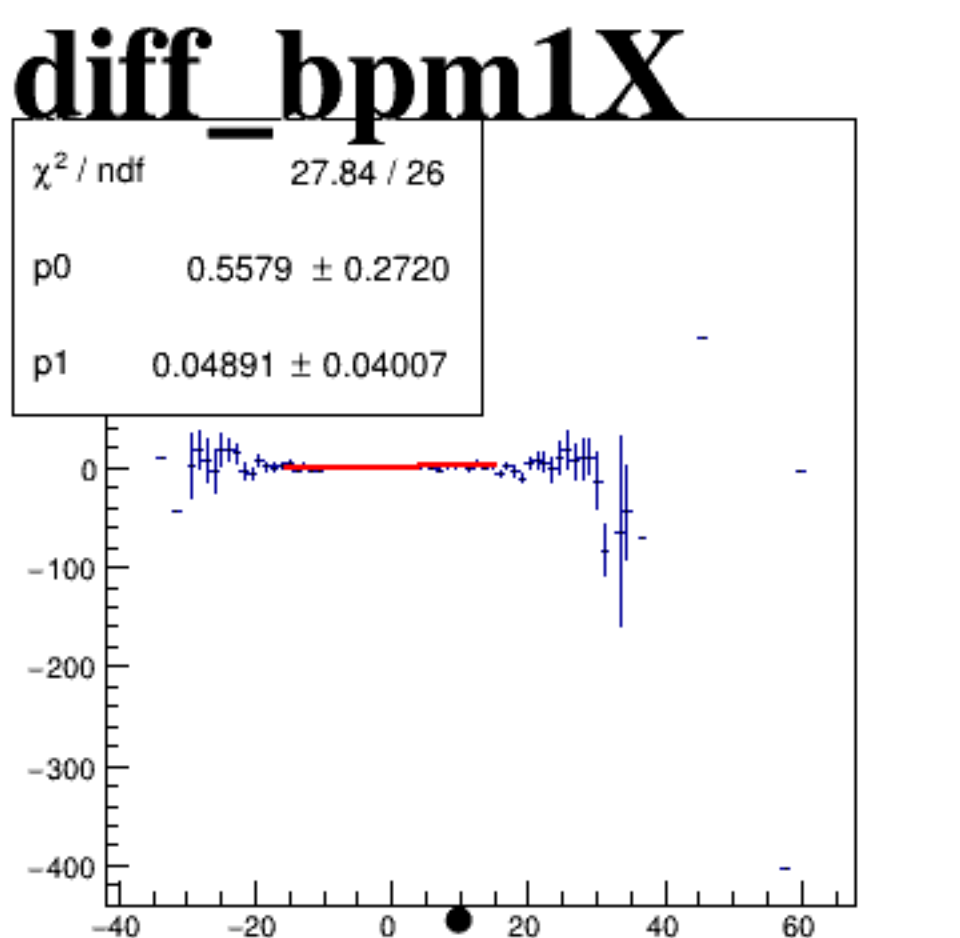
reg_asym_sam3



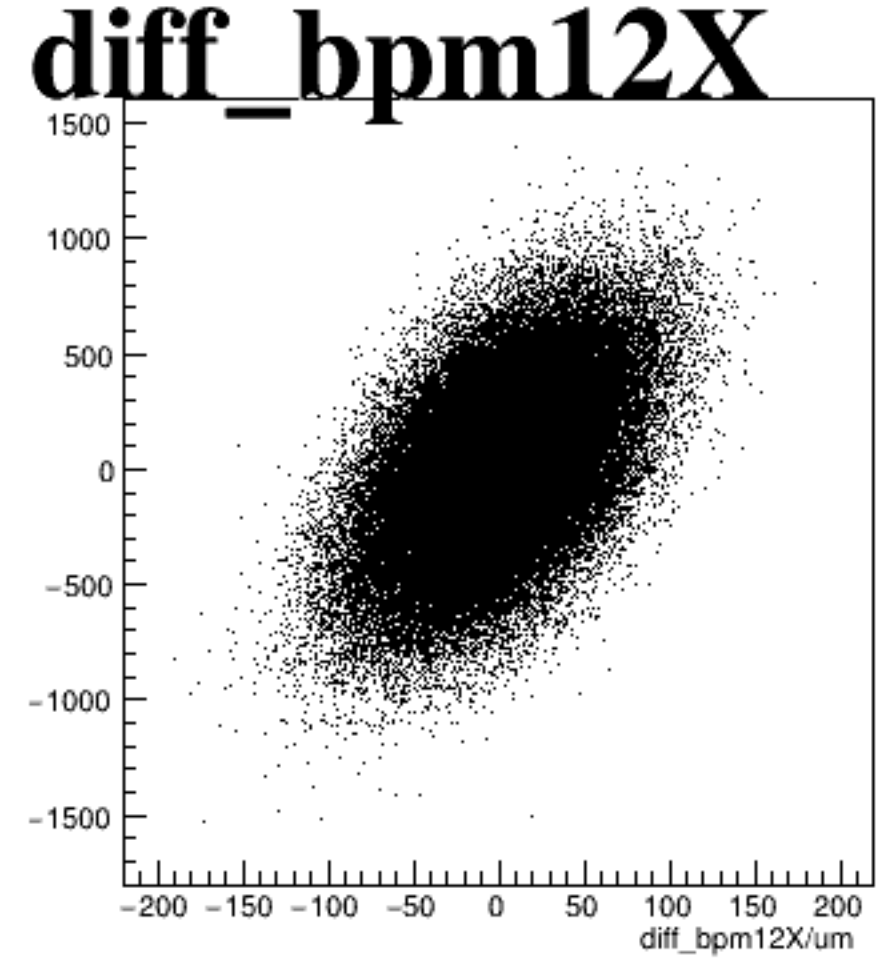
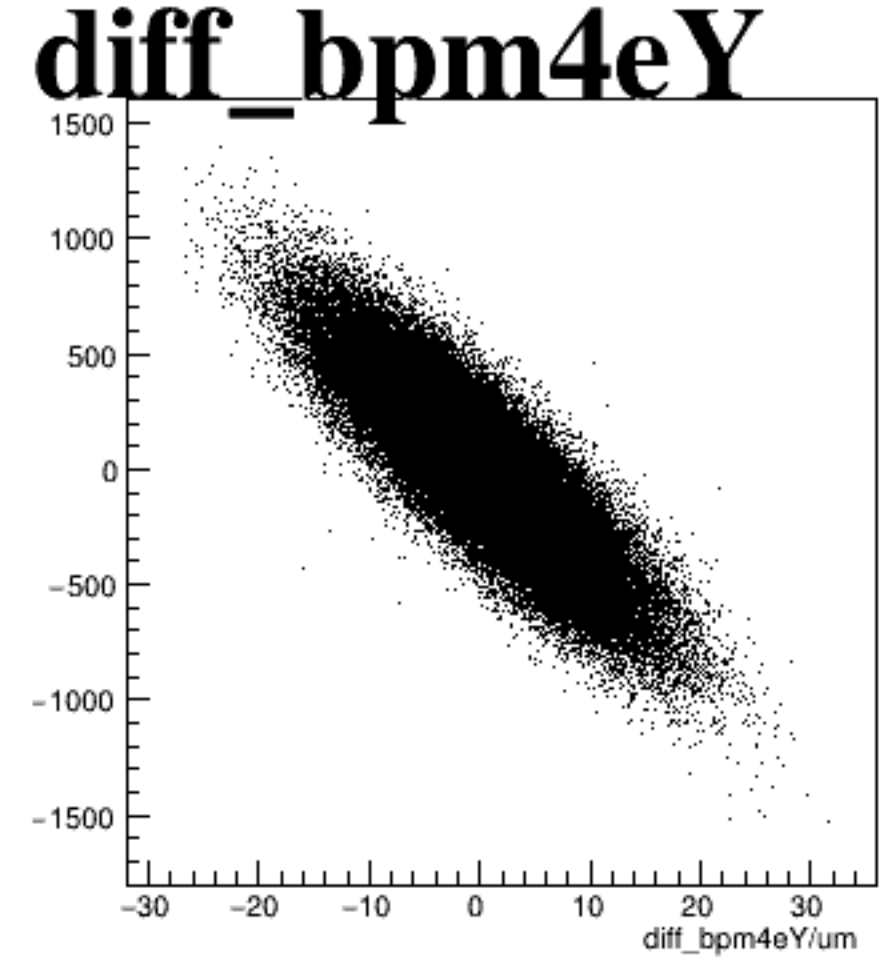
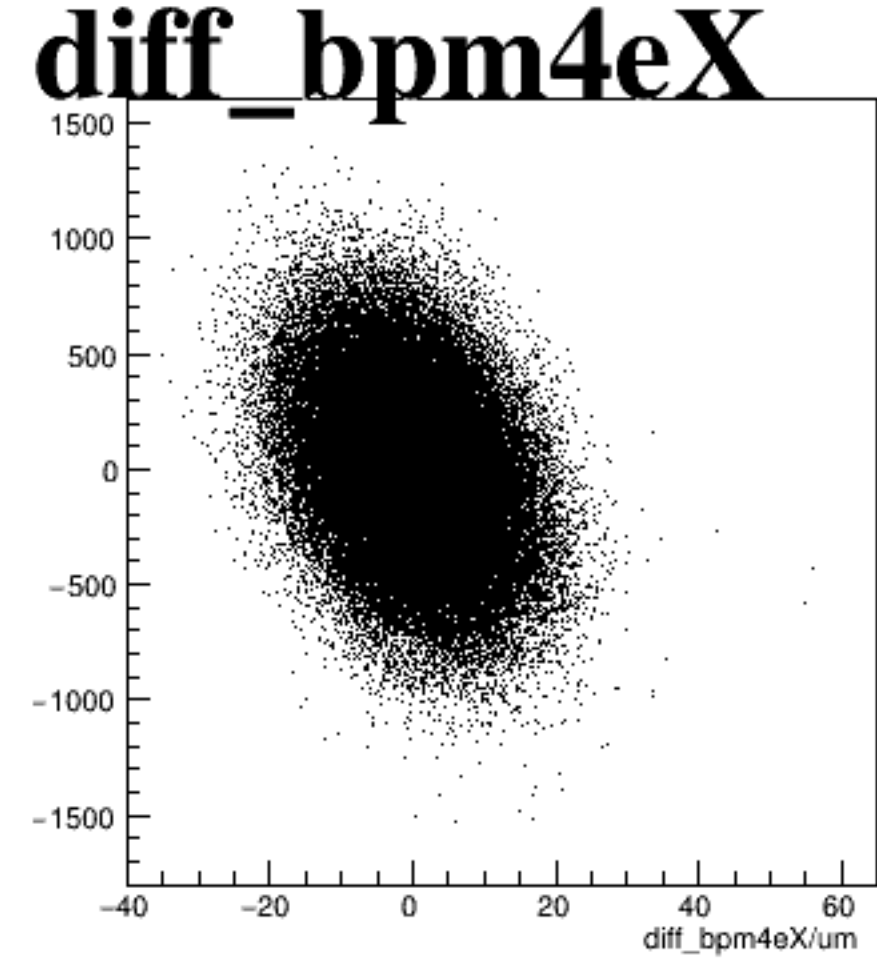
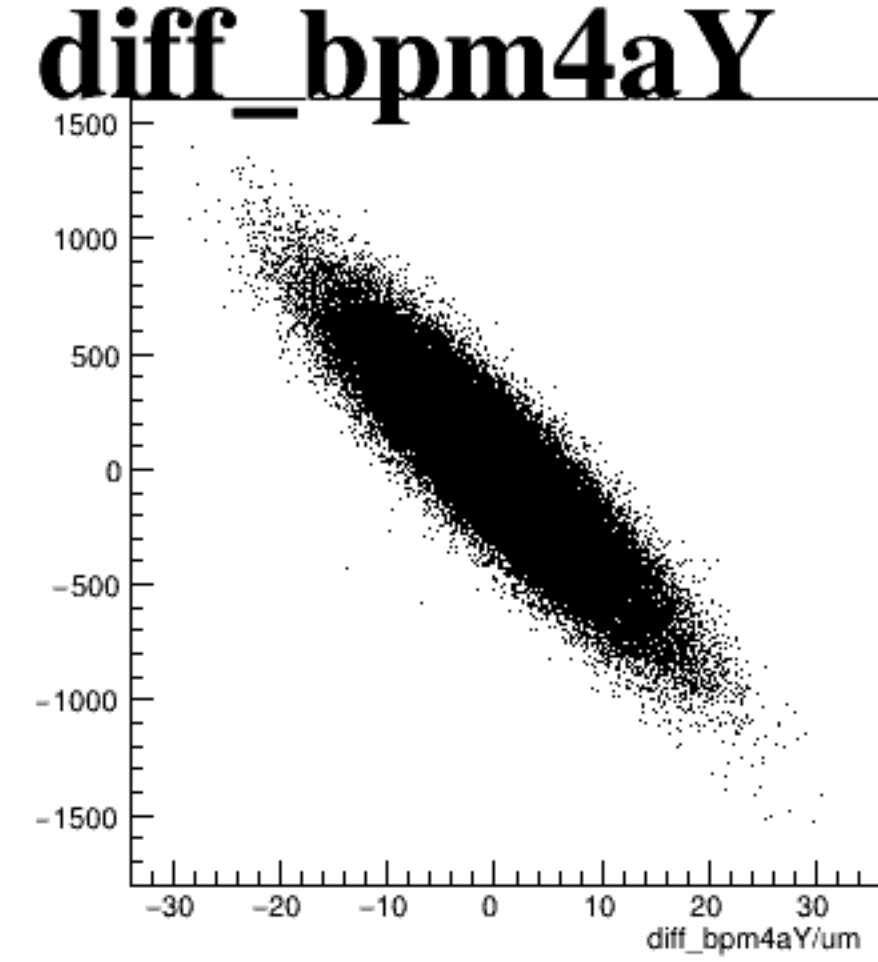
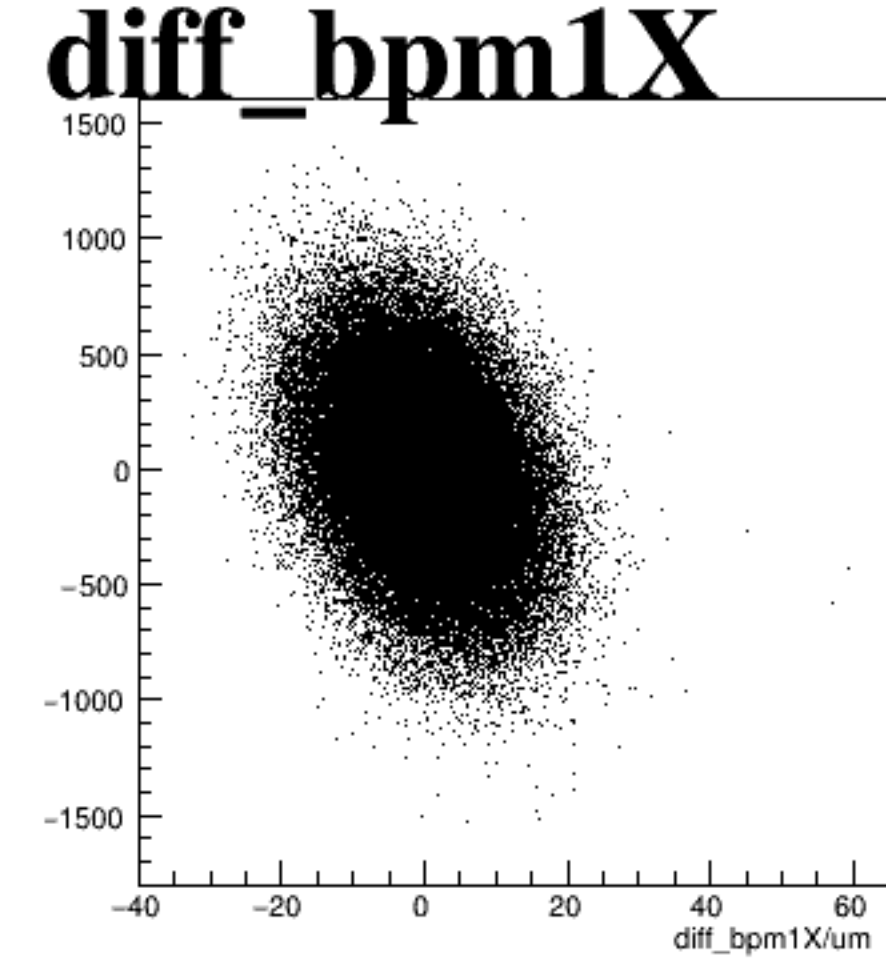
reg_asym_sam5



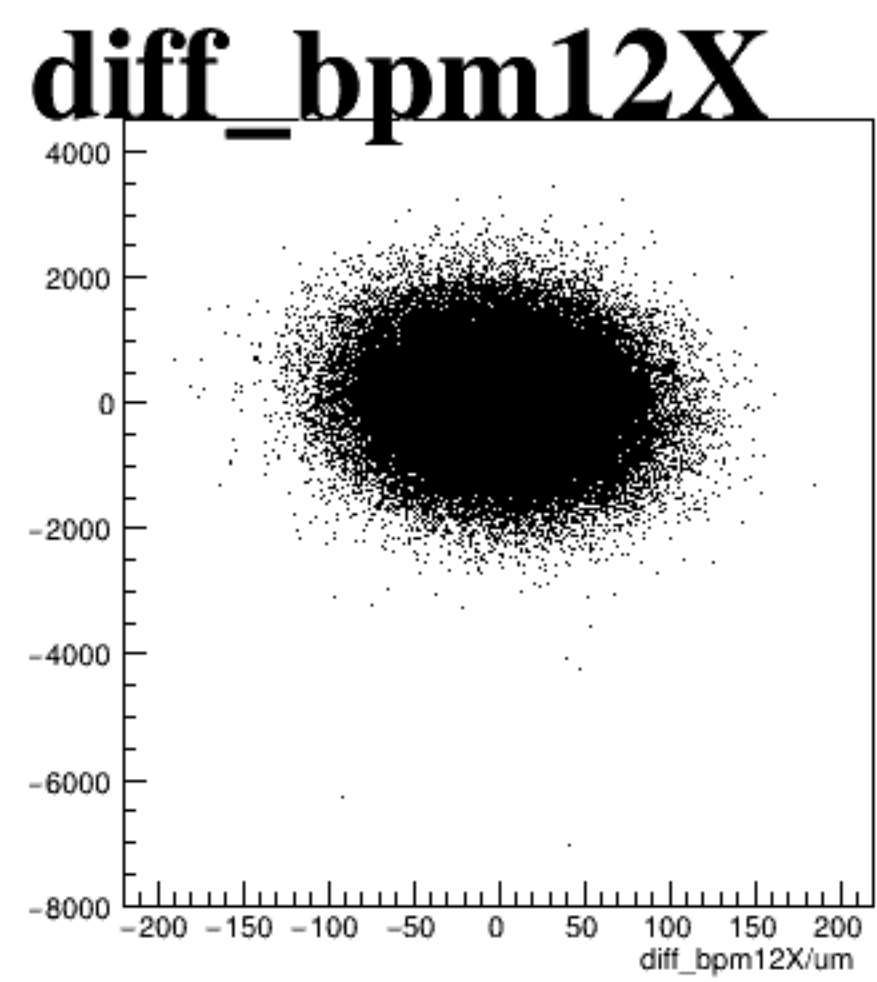
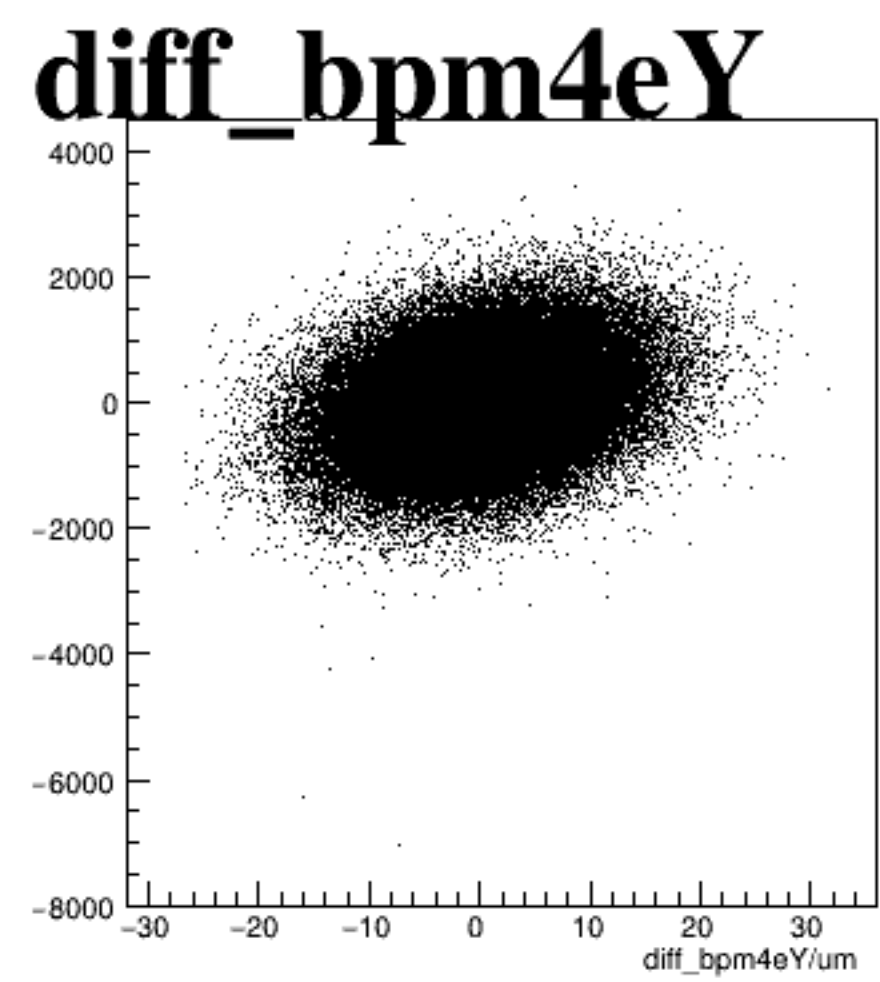
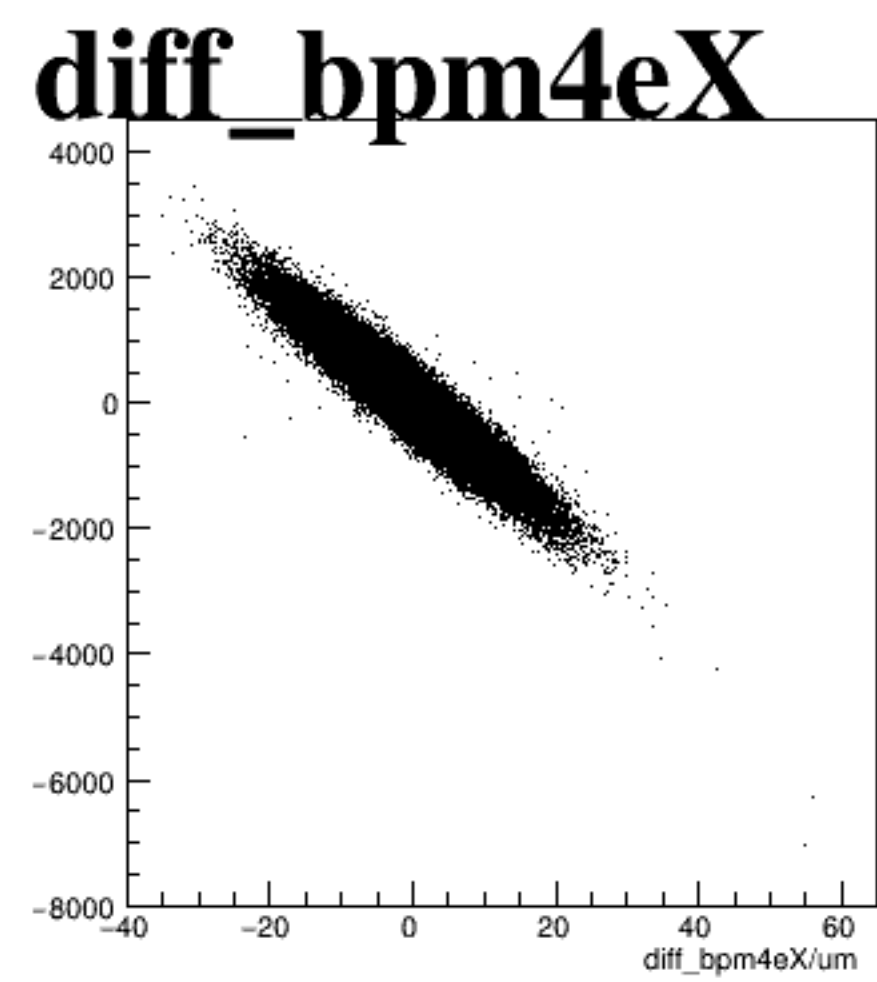
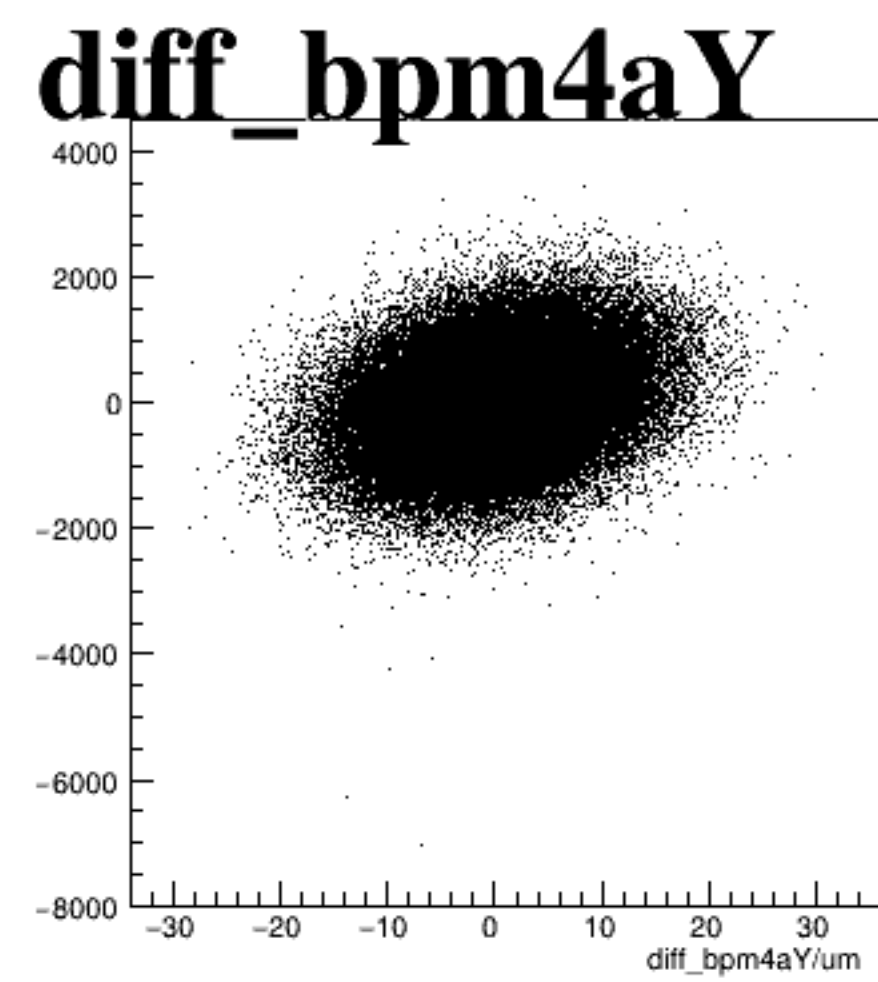
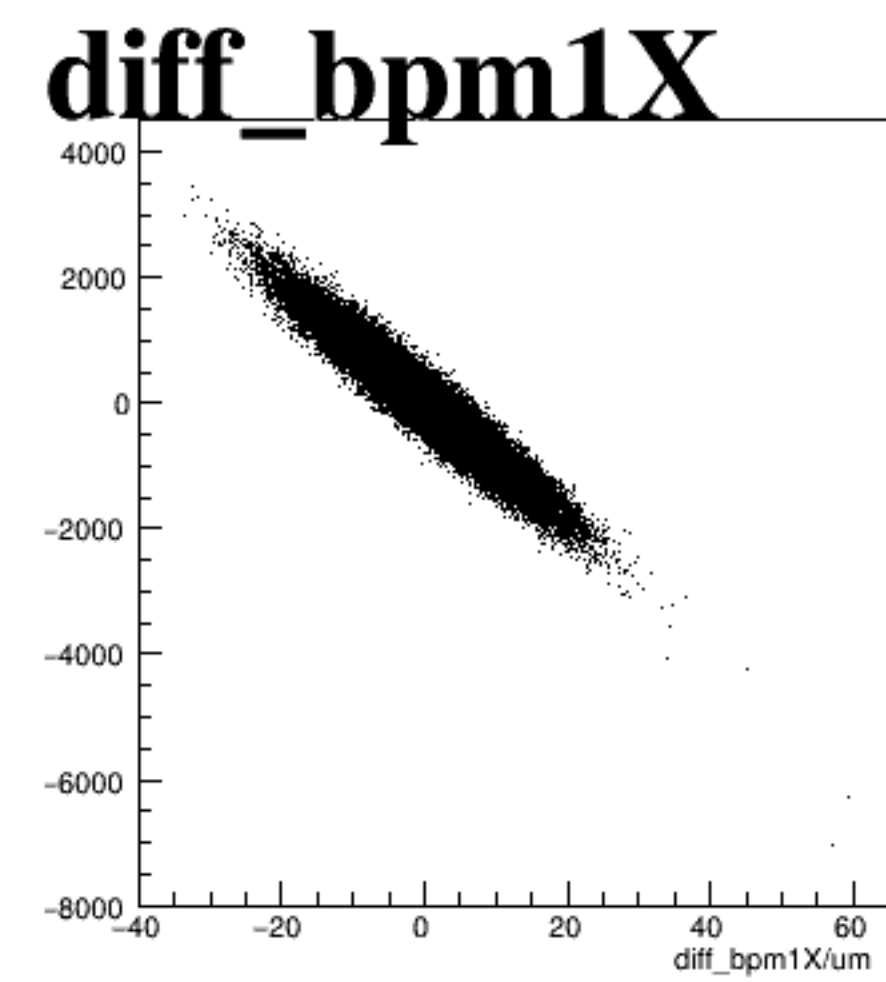
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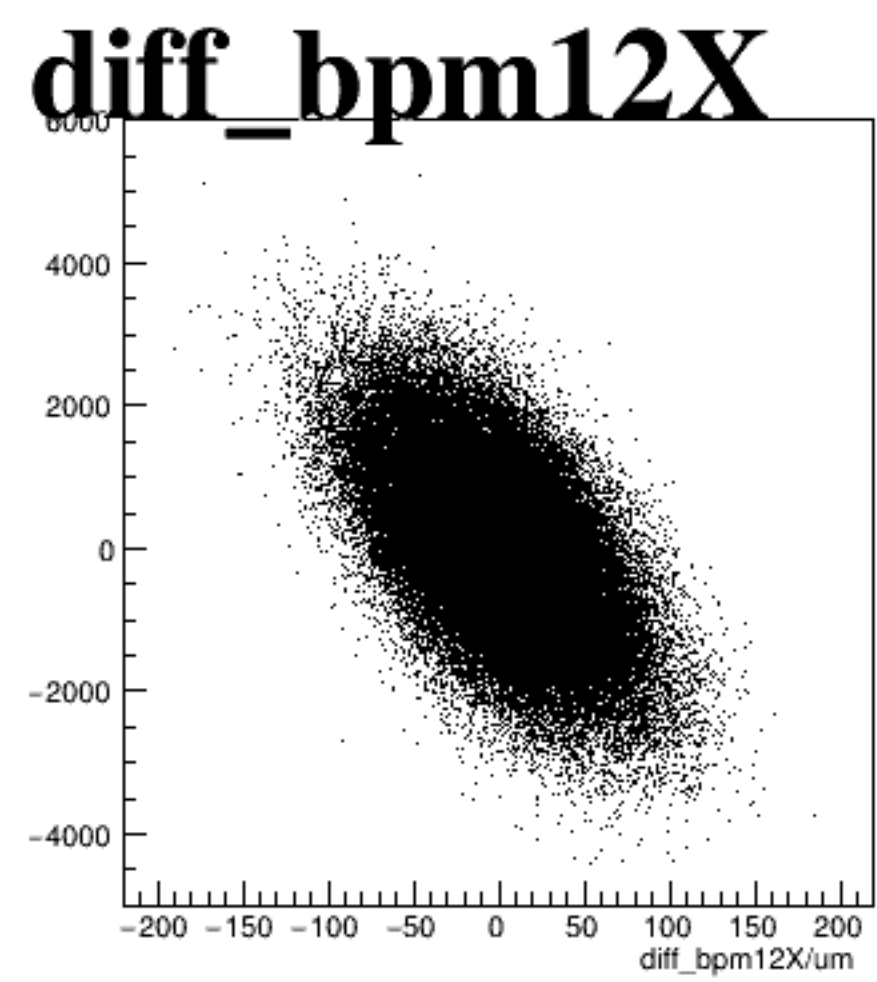
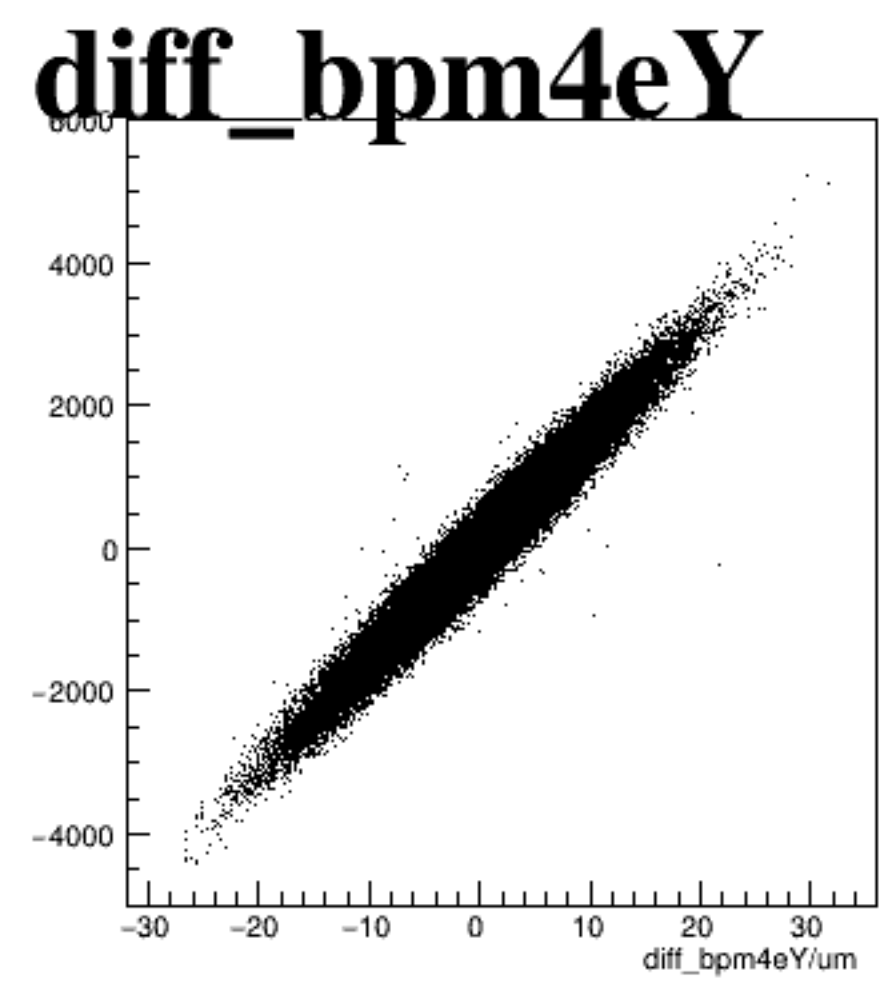
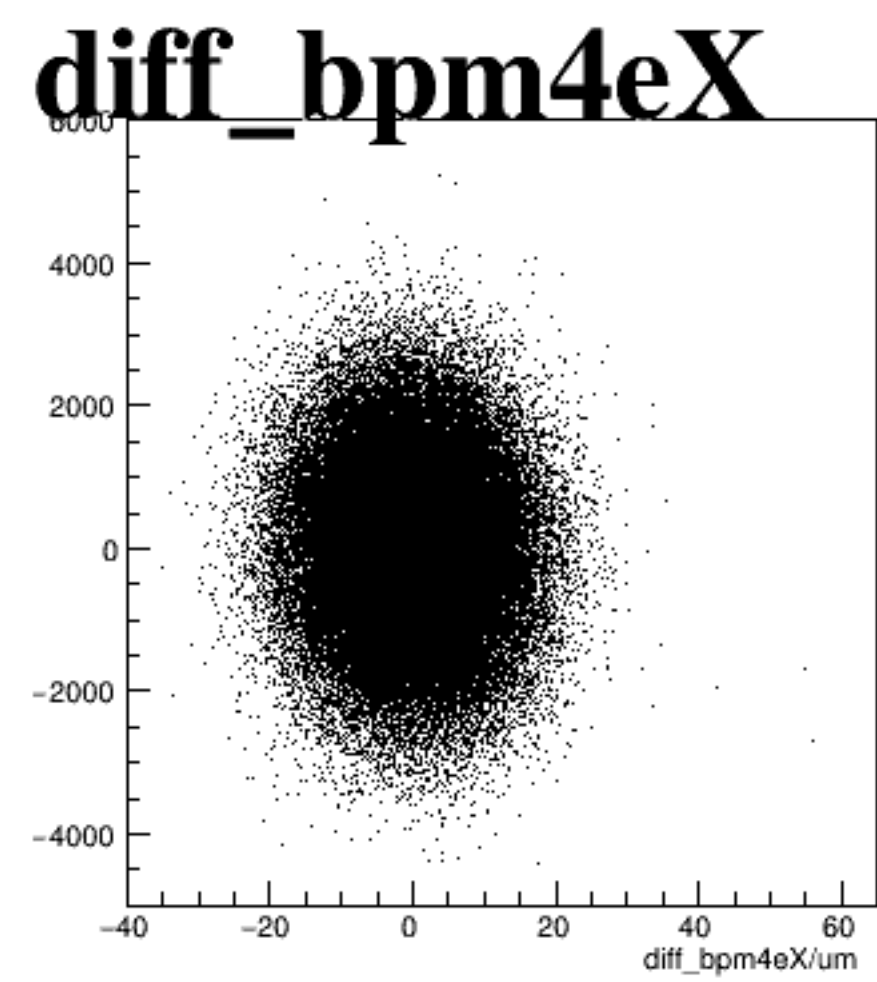
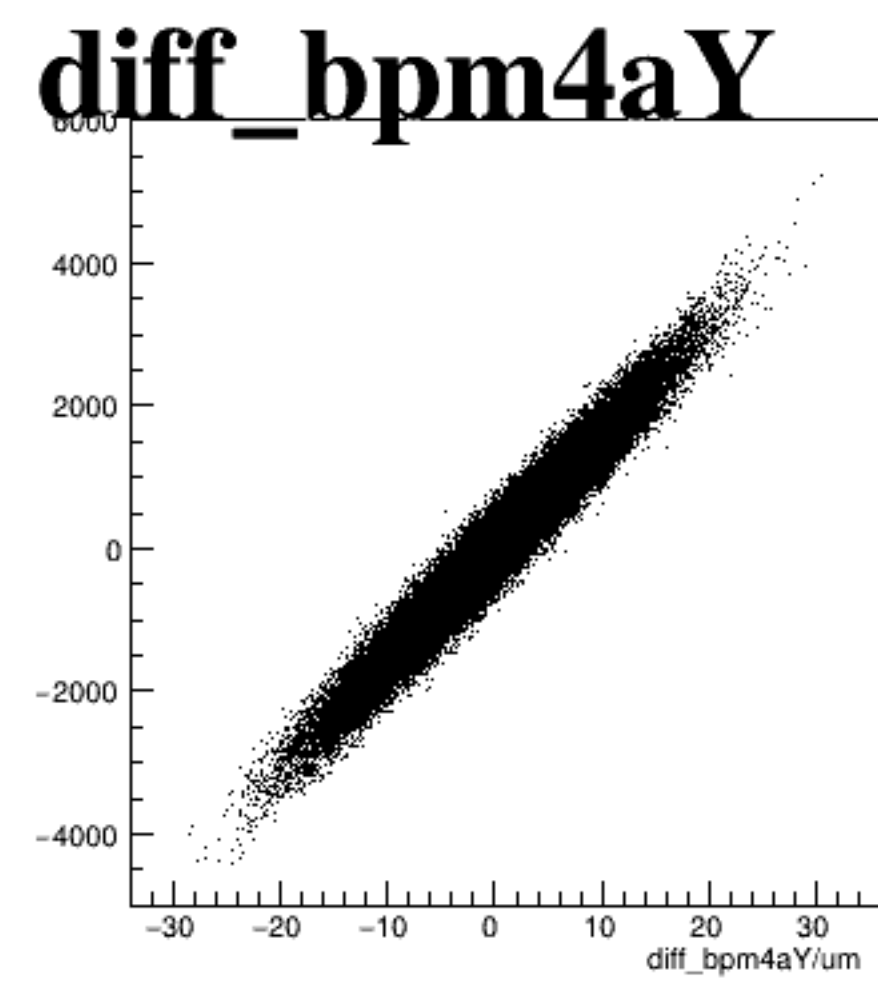
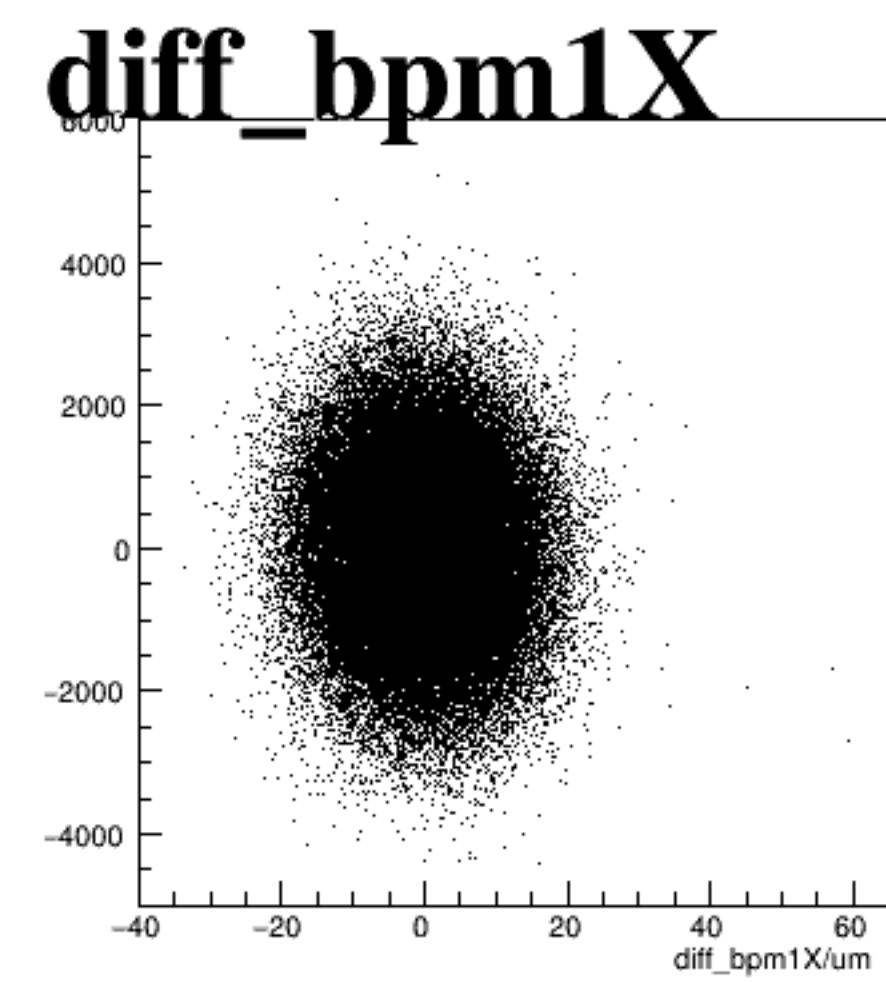
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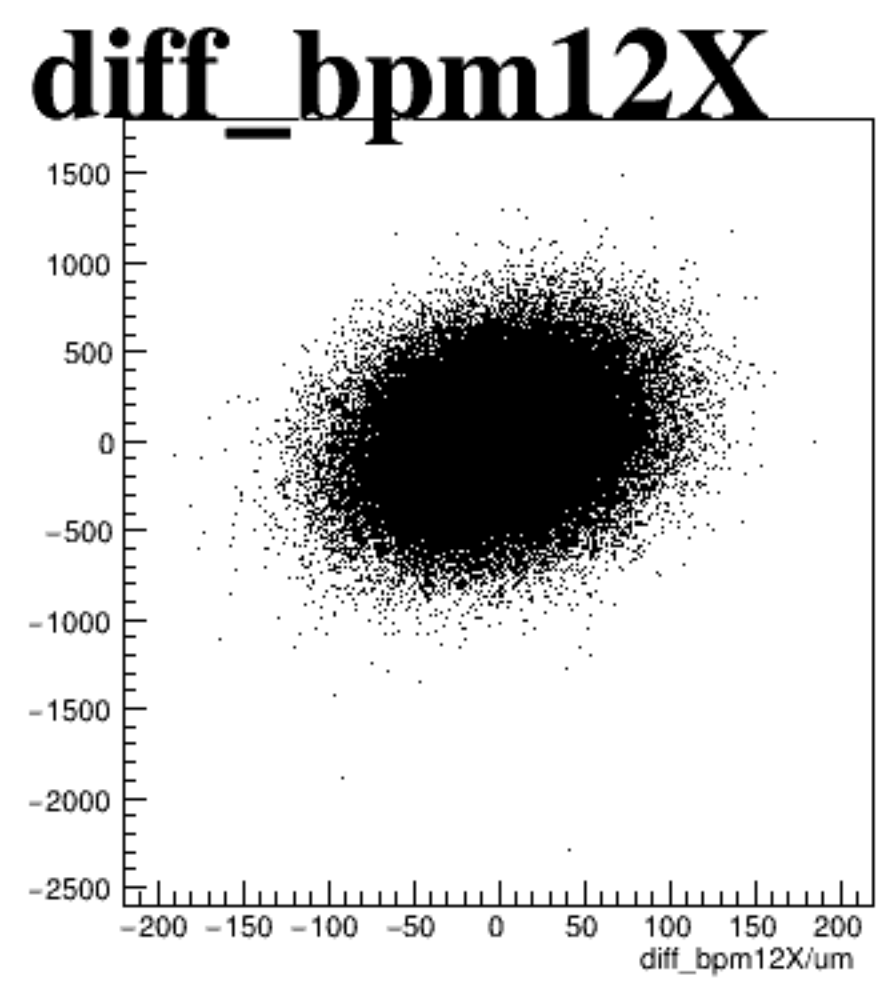
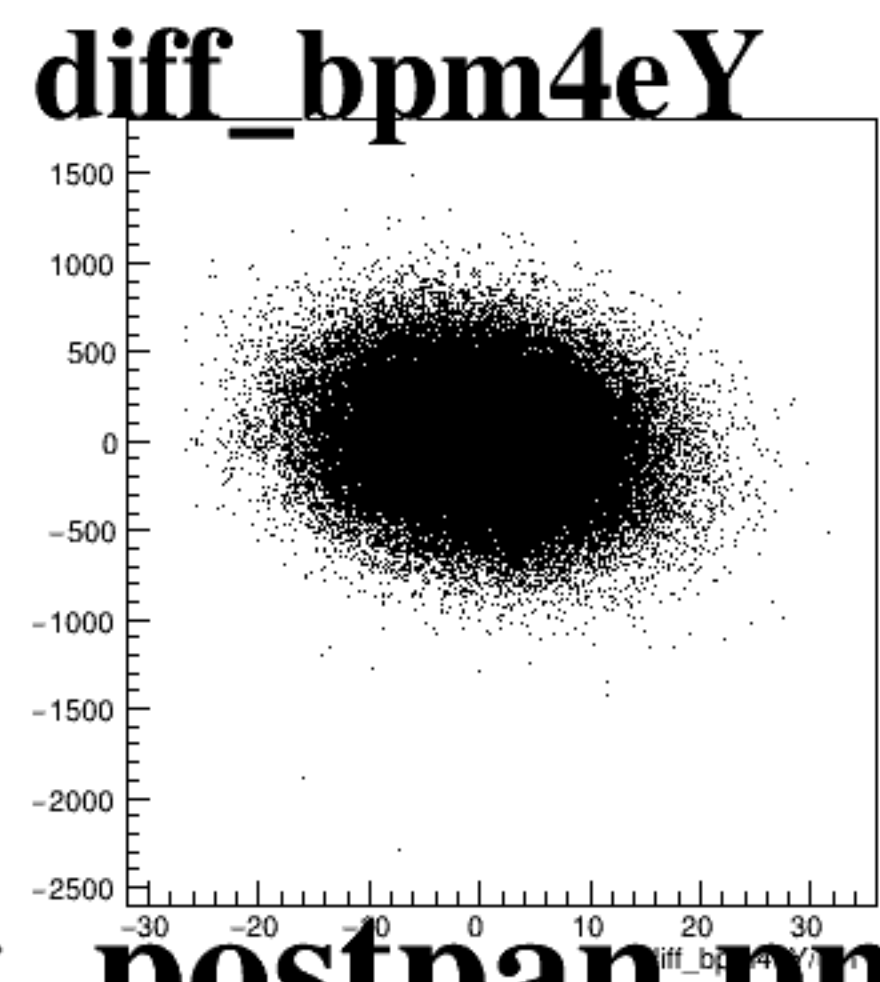
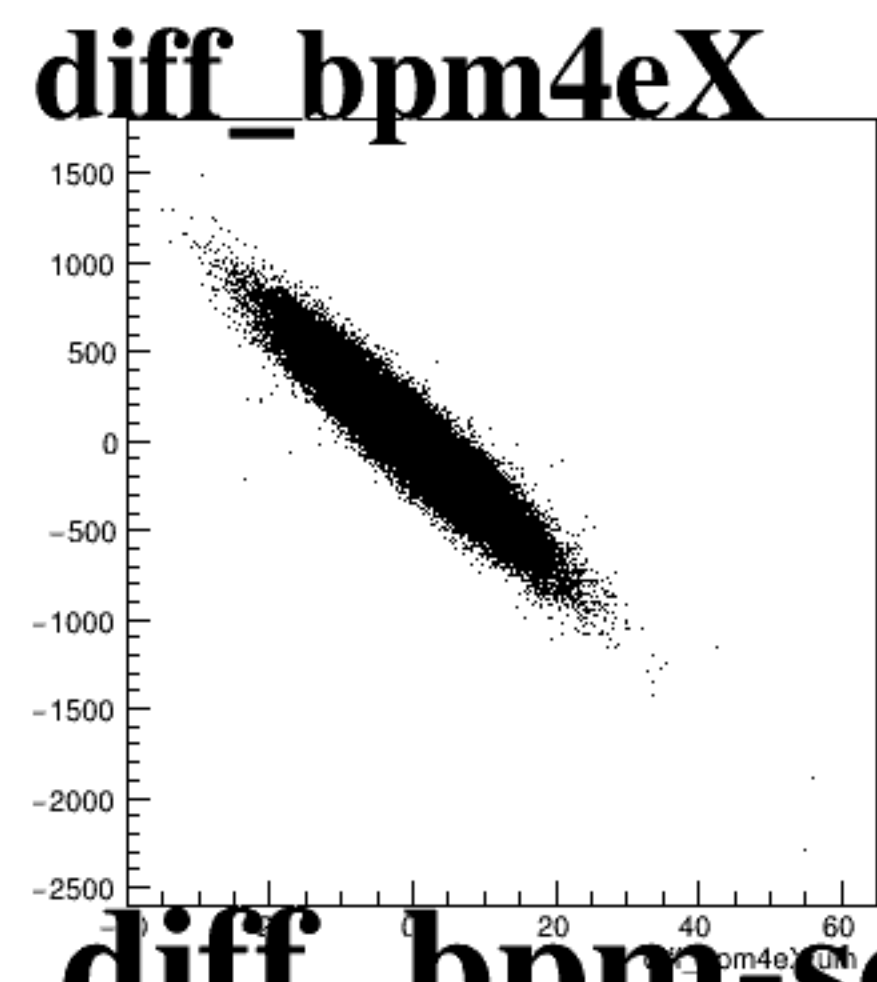
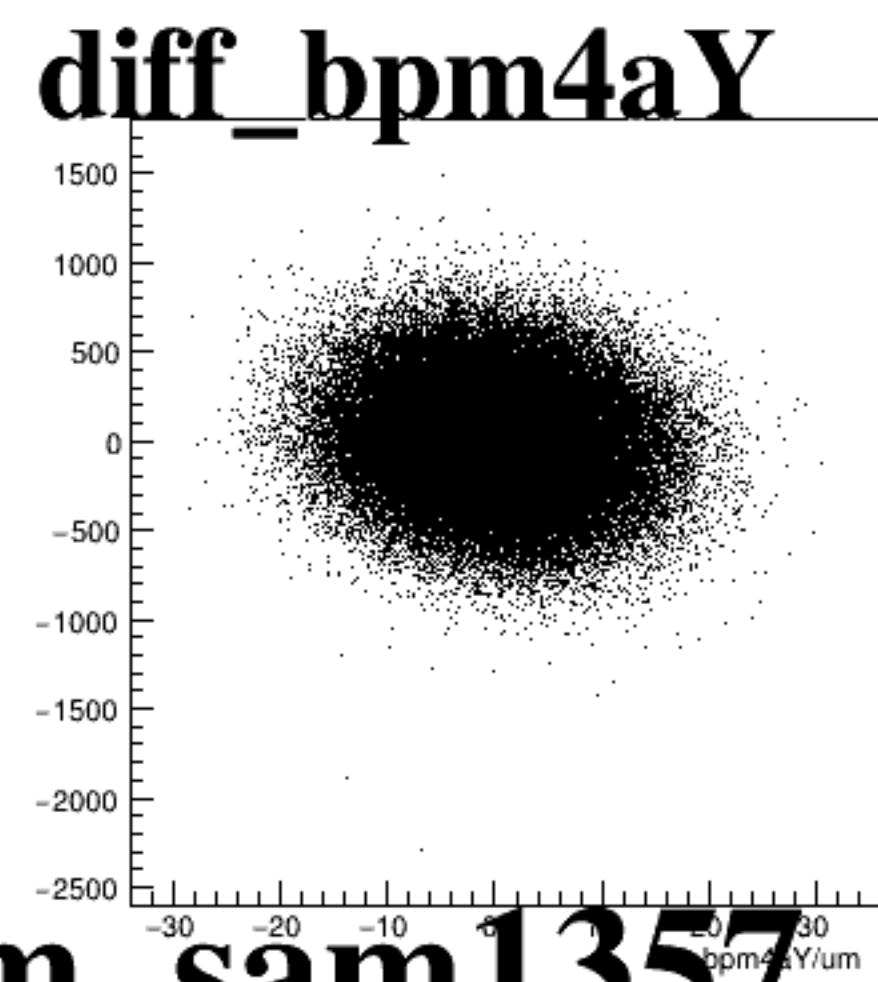
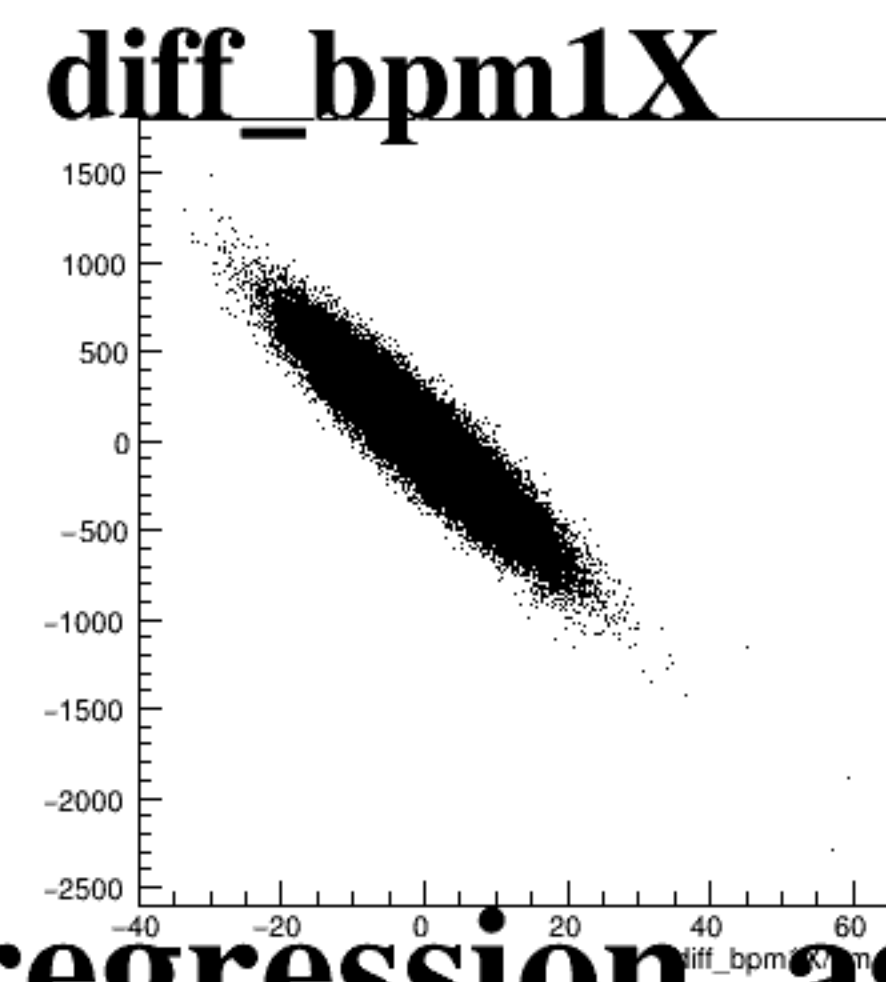
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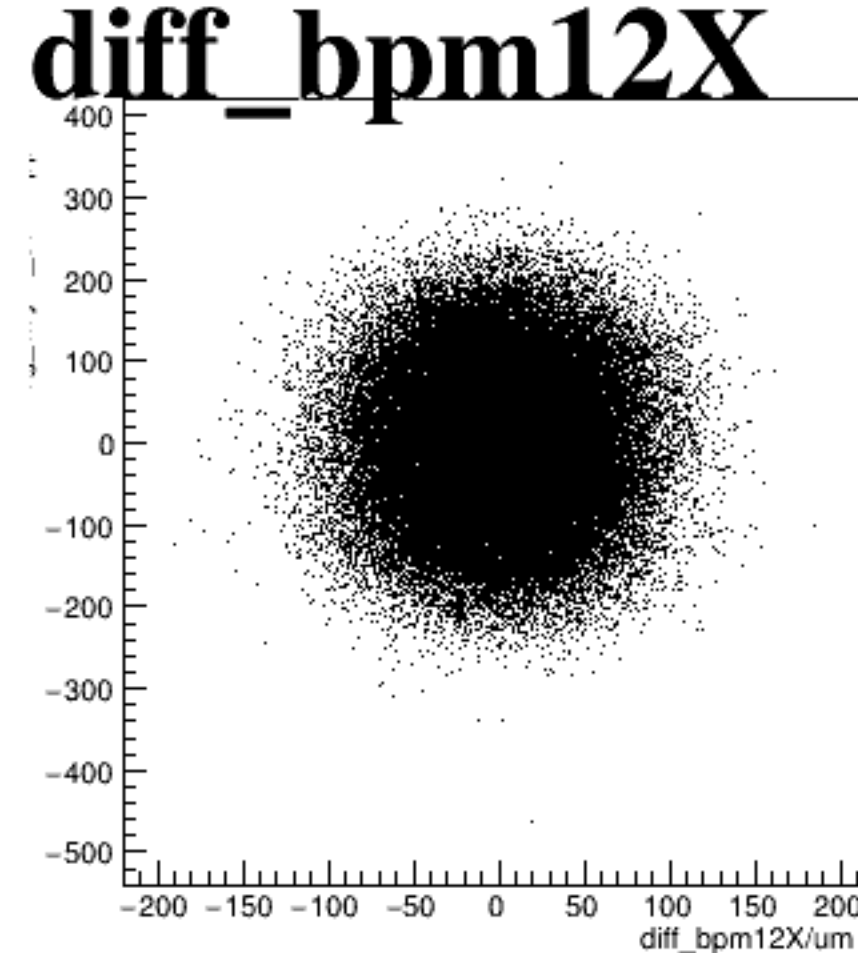
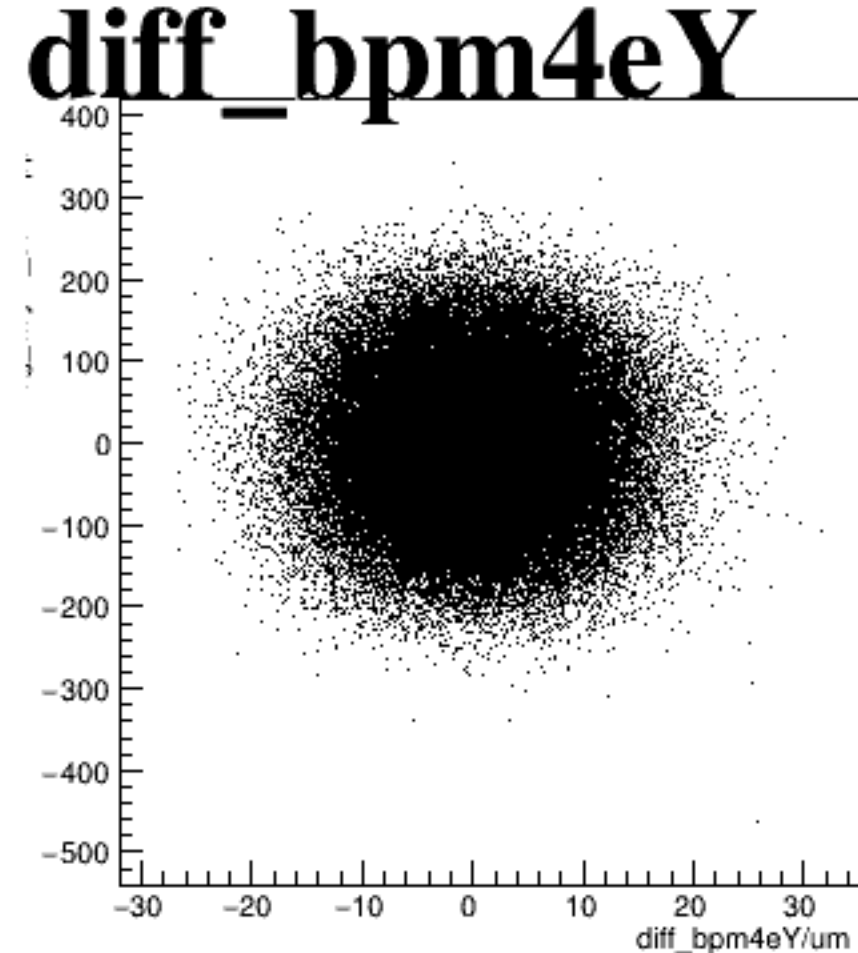
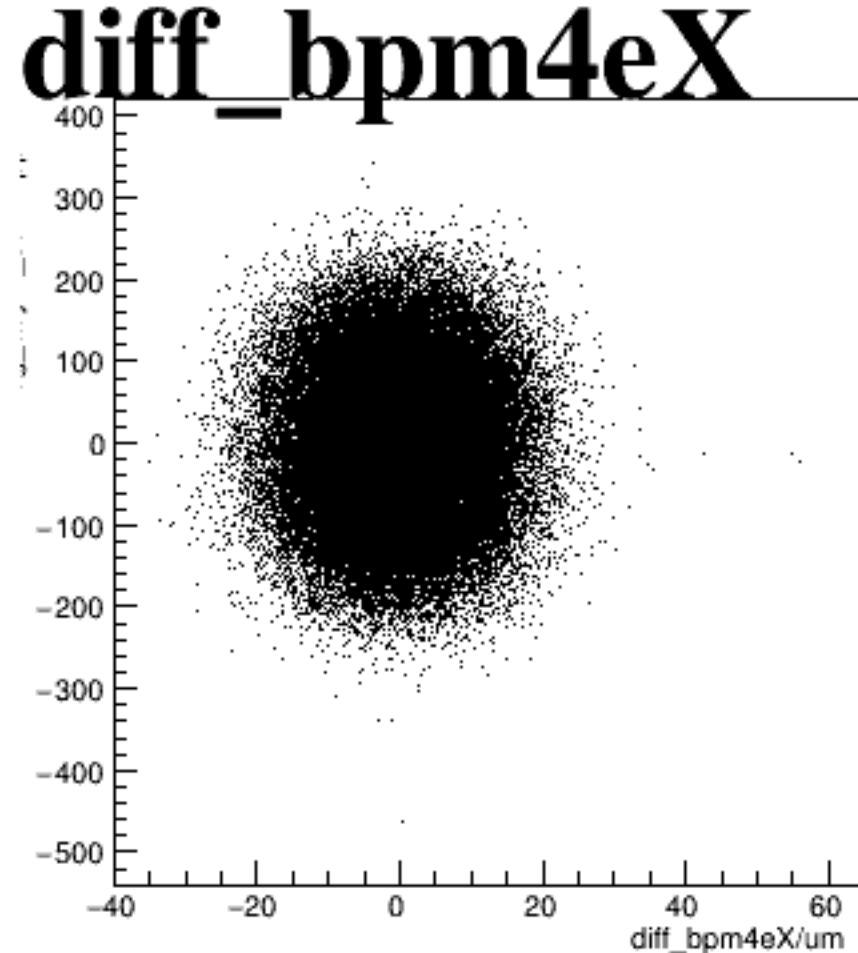
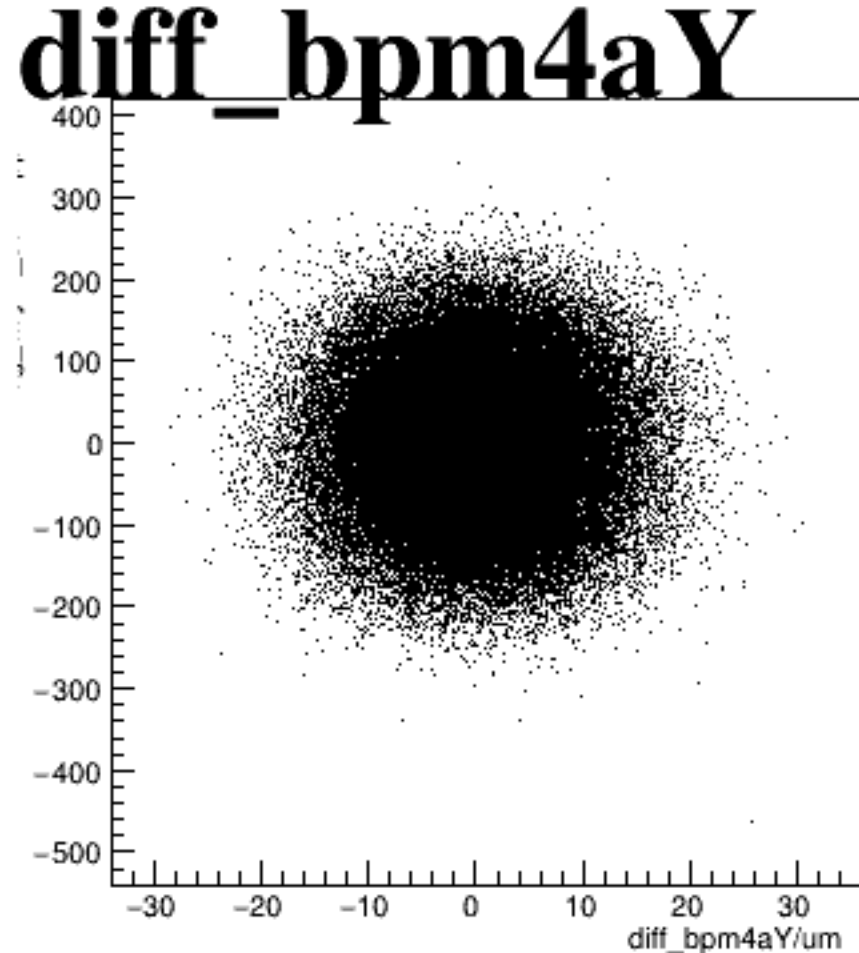
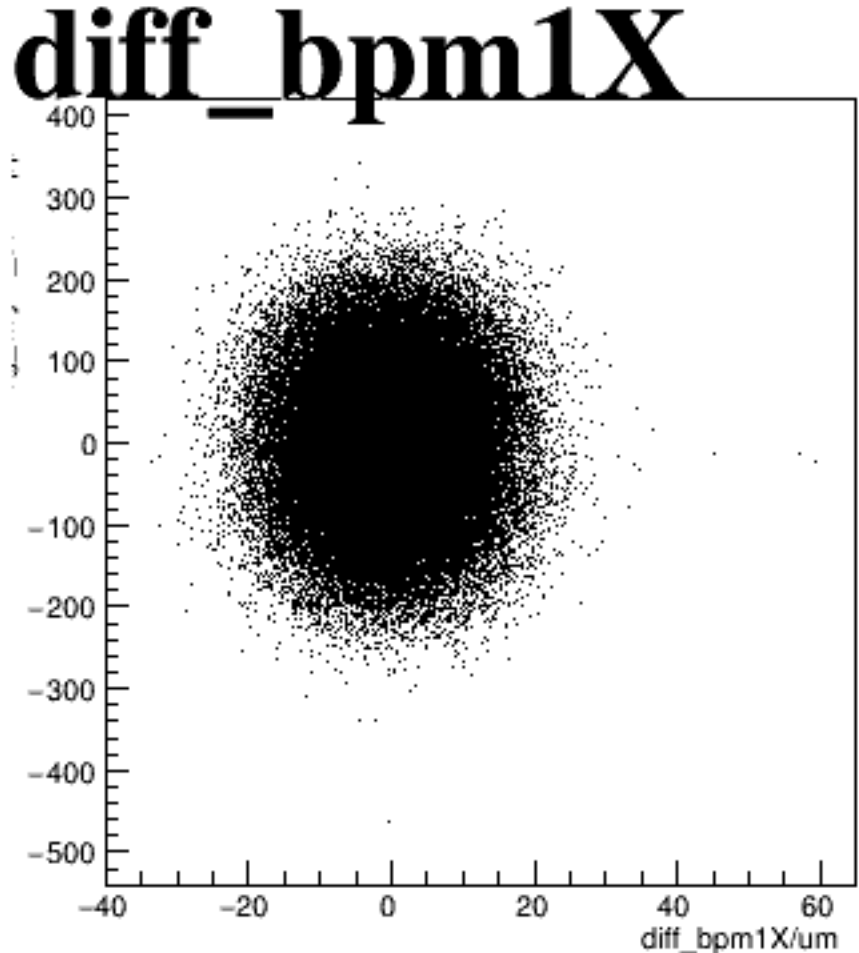
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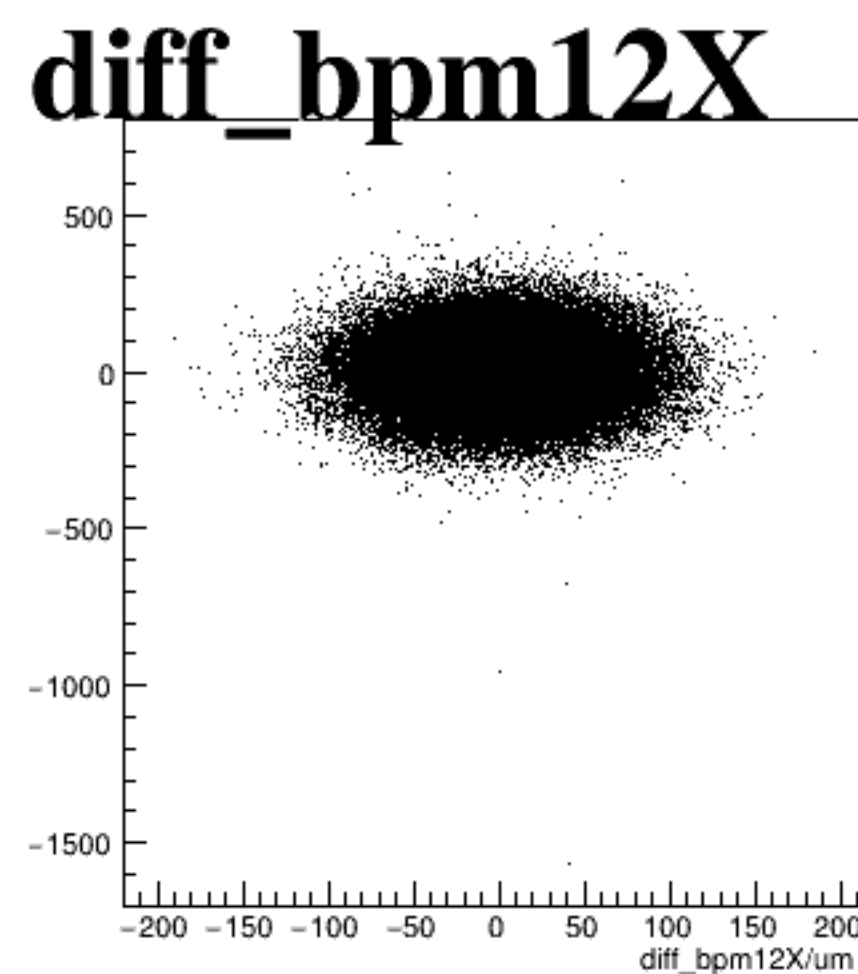
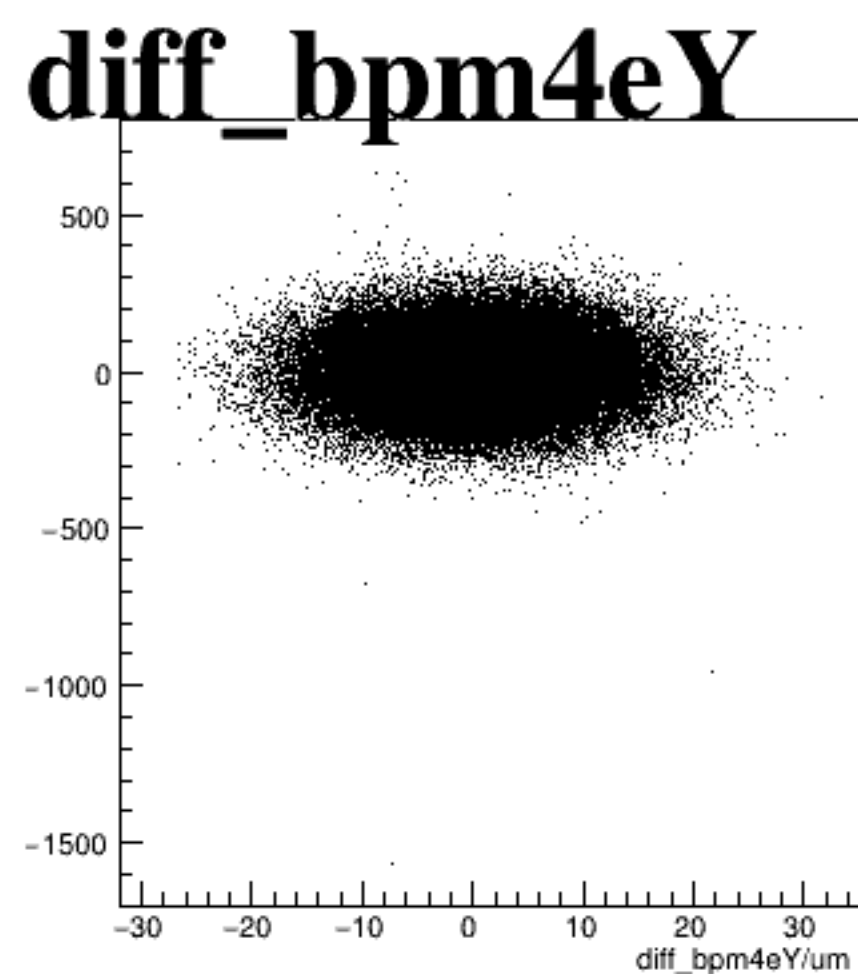
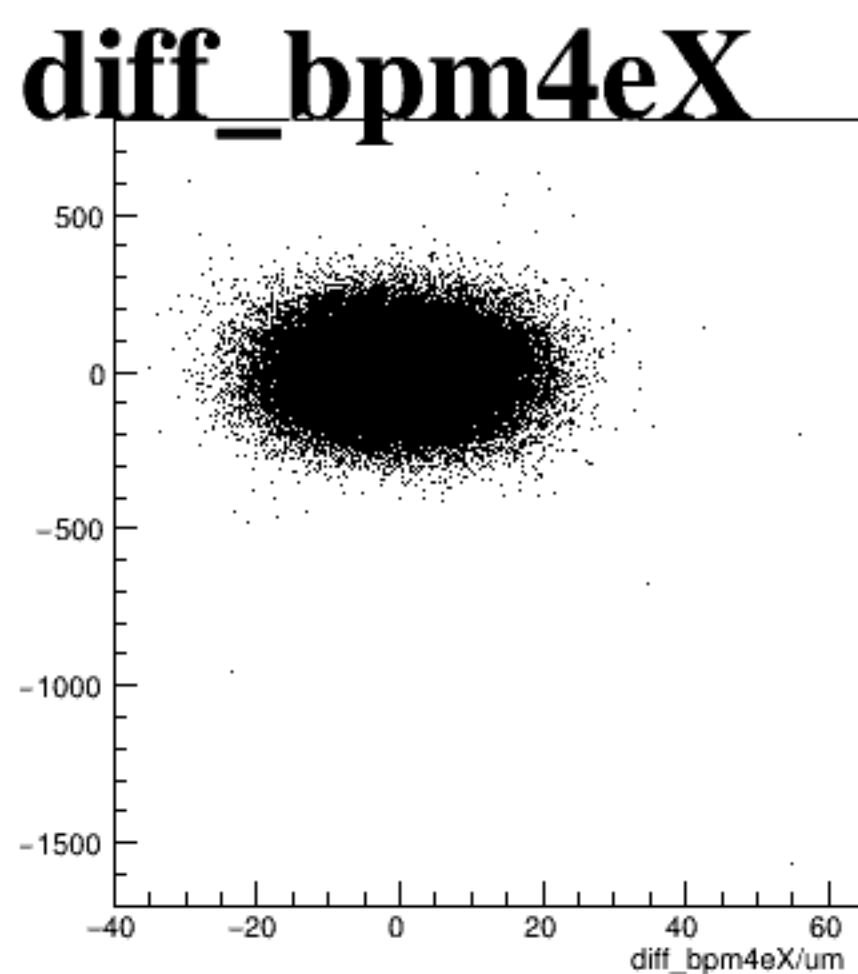
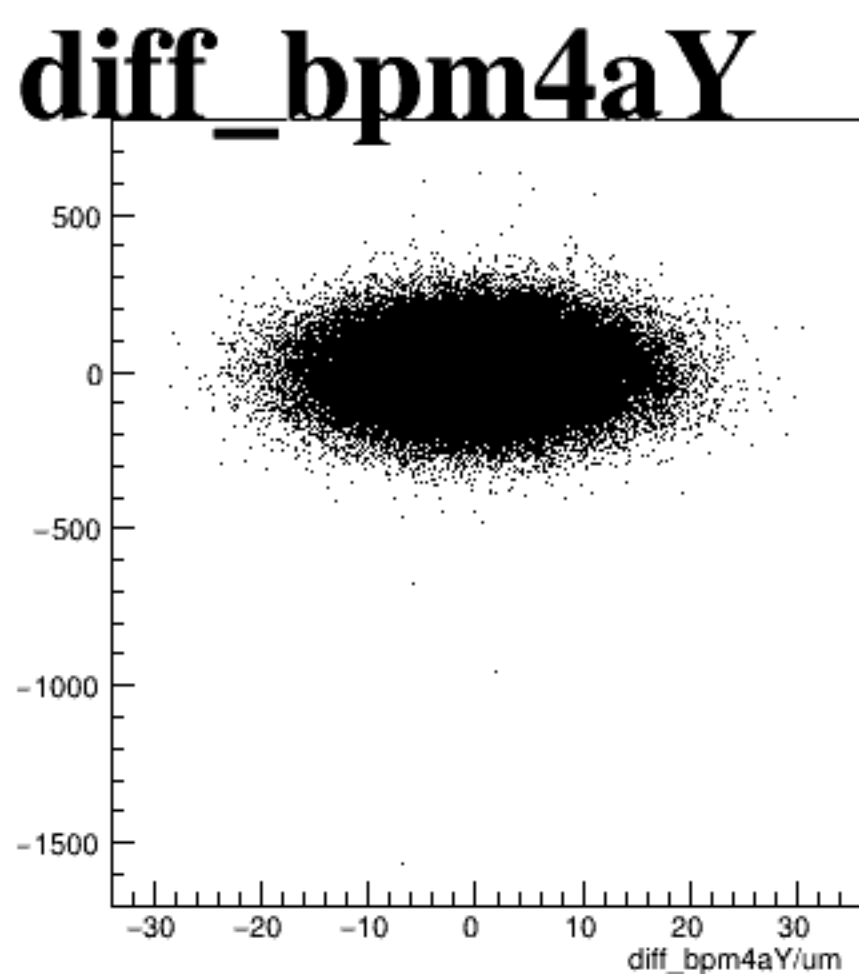
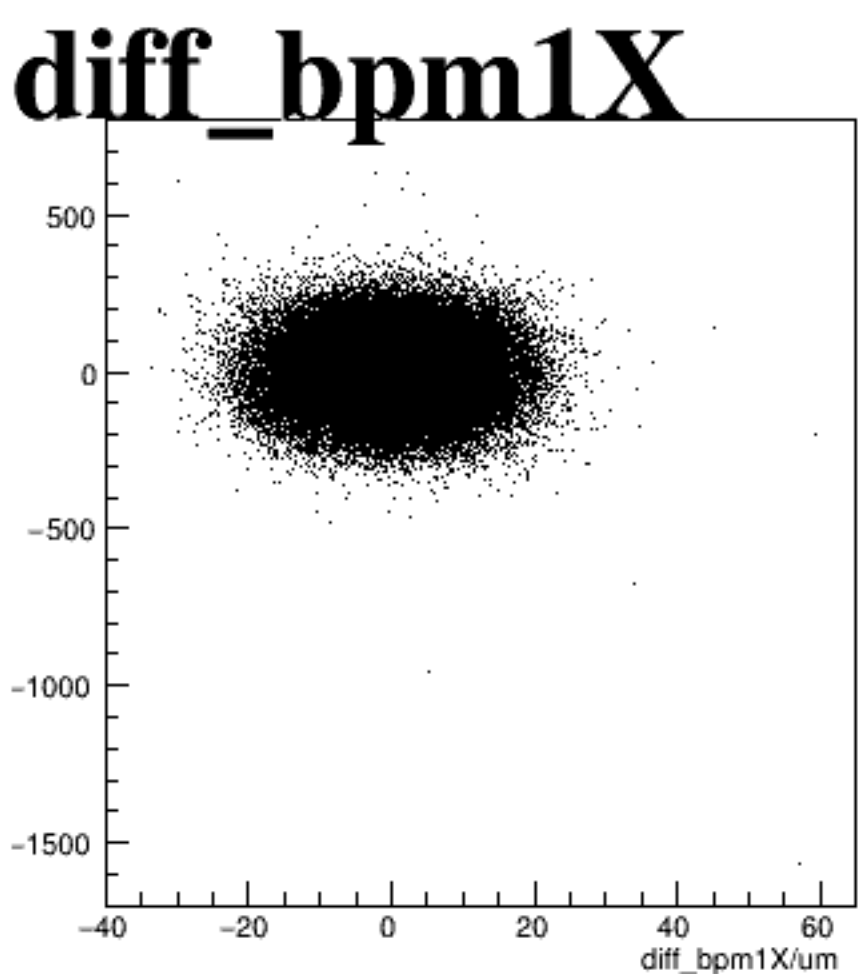
asym_sam7



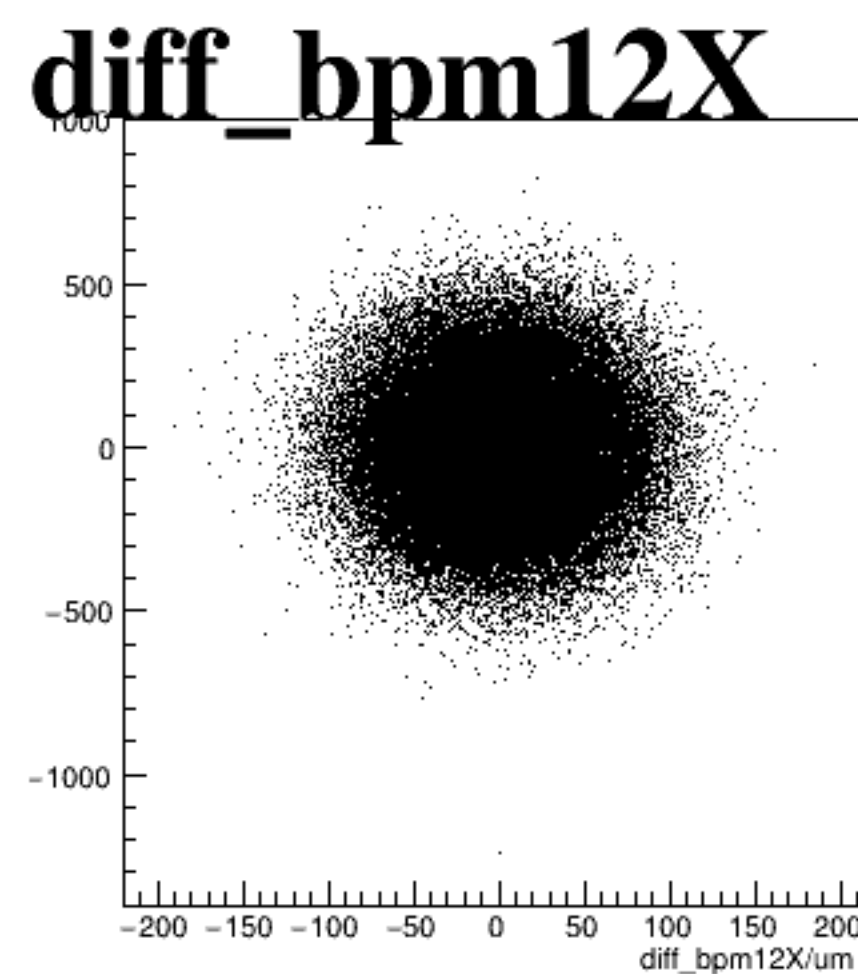
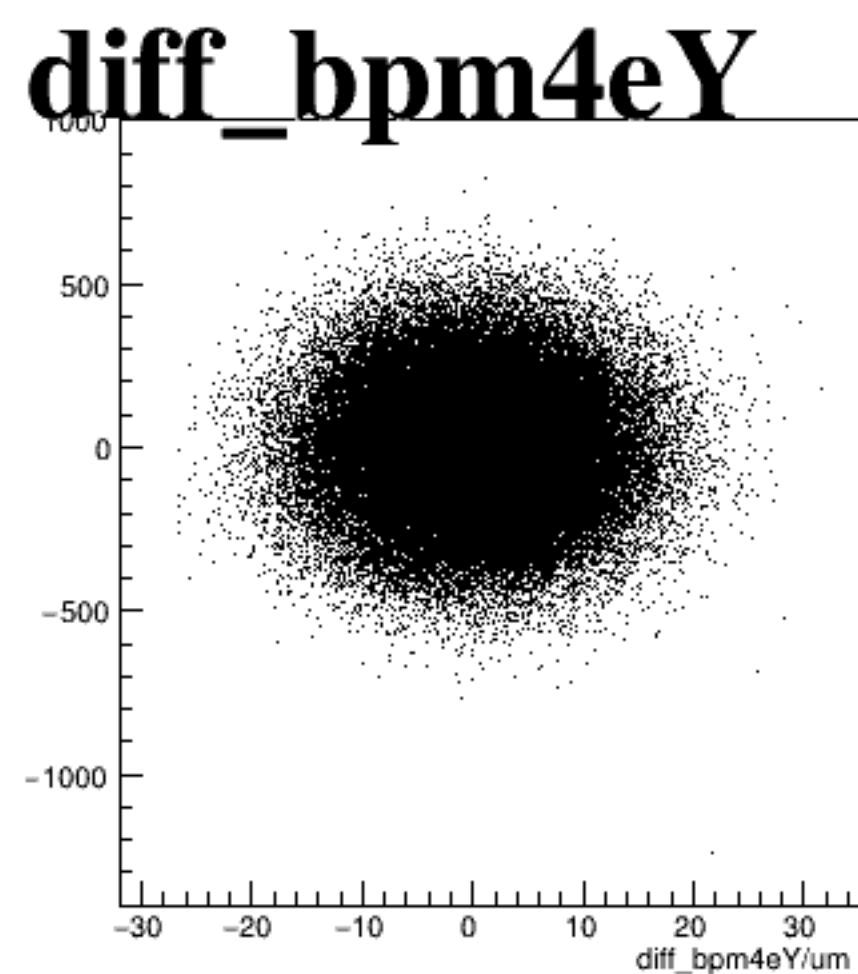
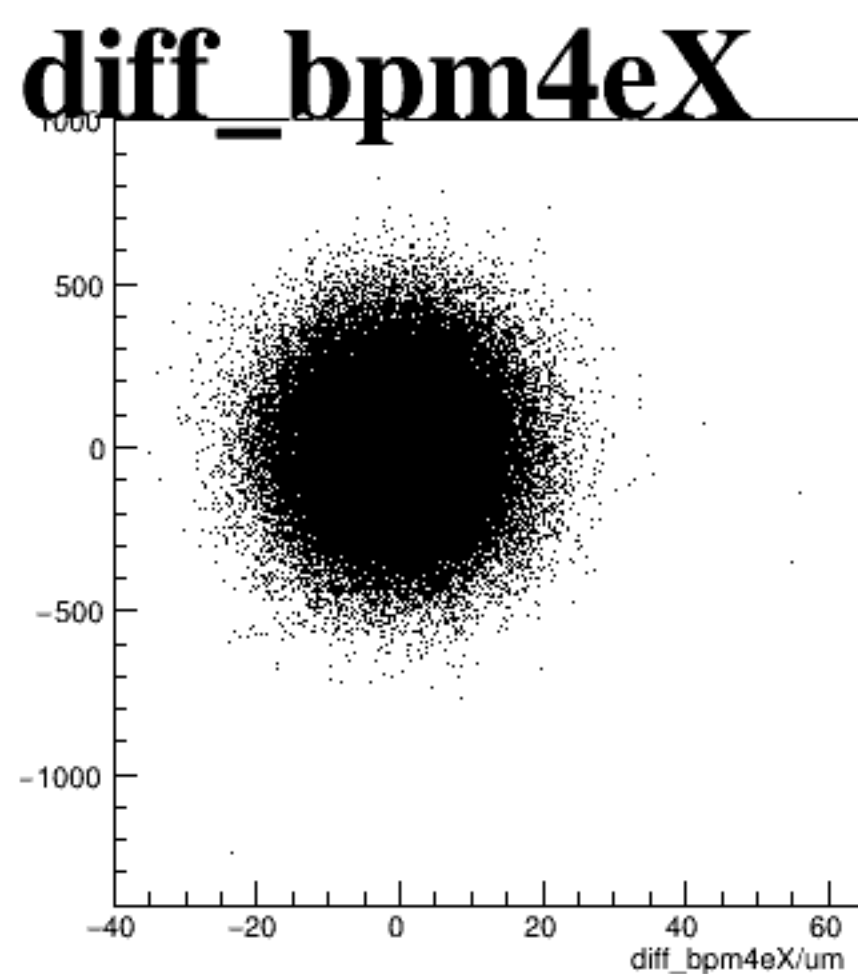
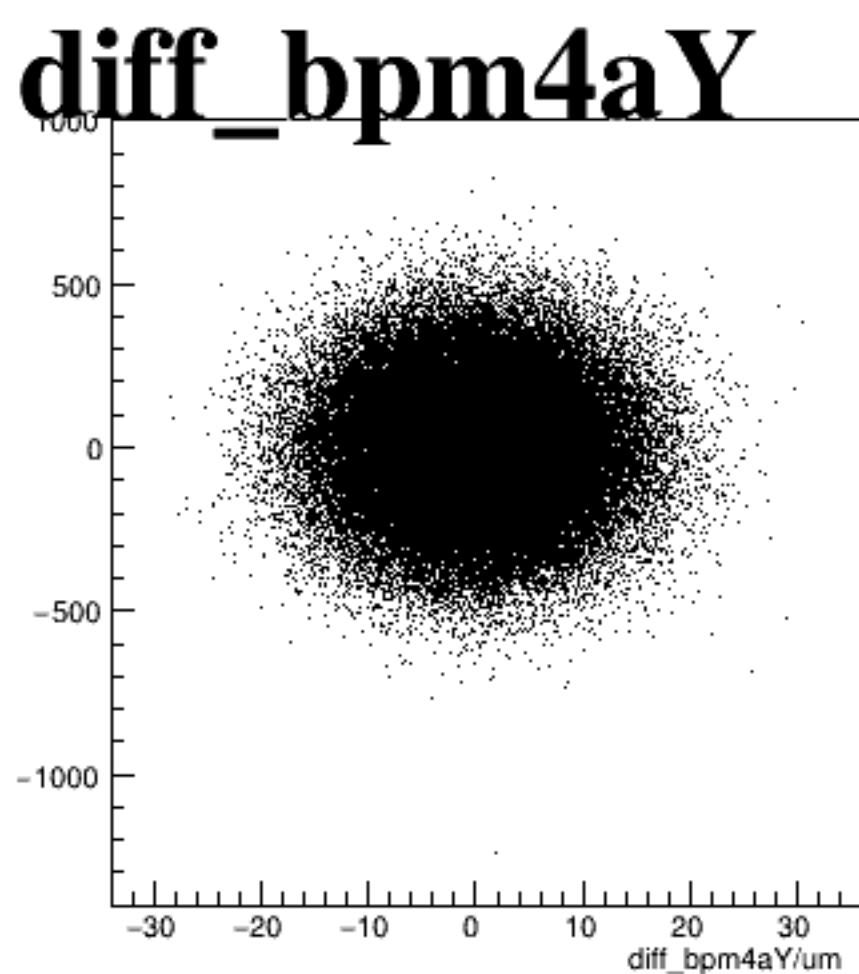
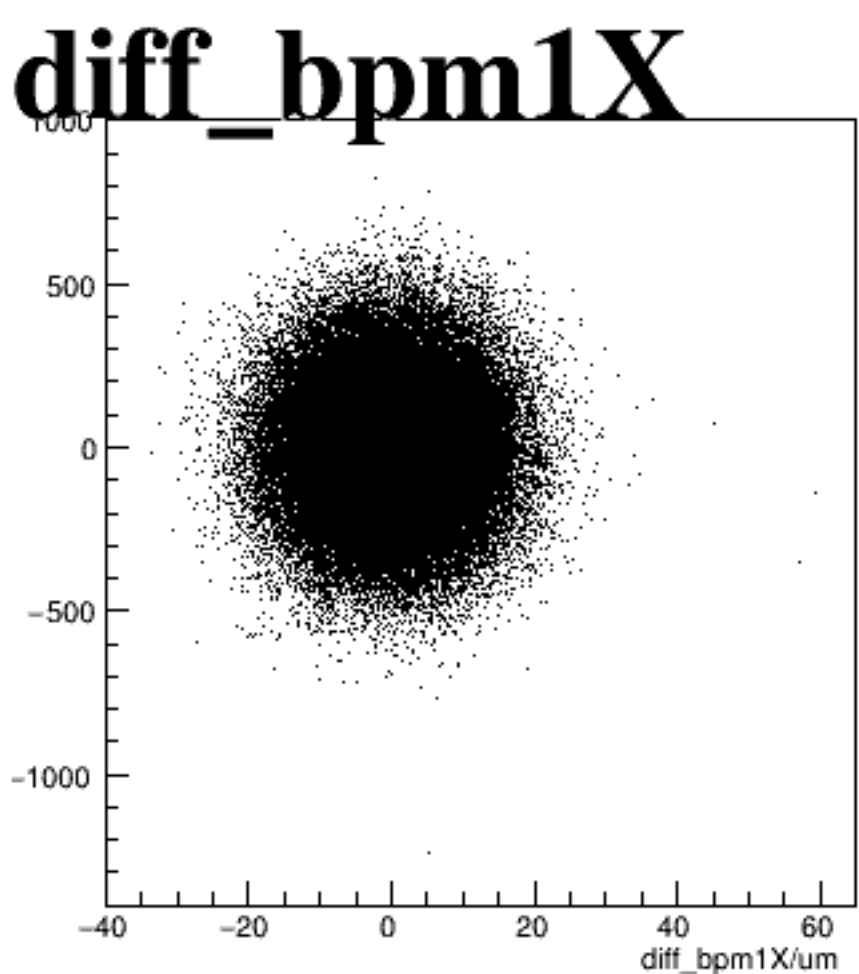
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

