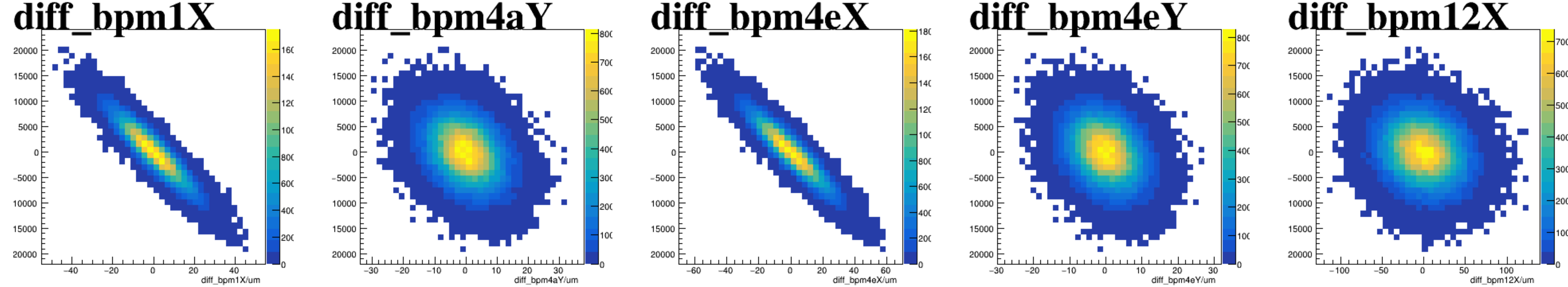
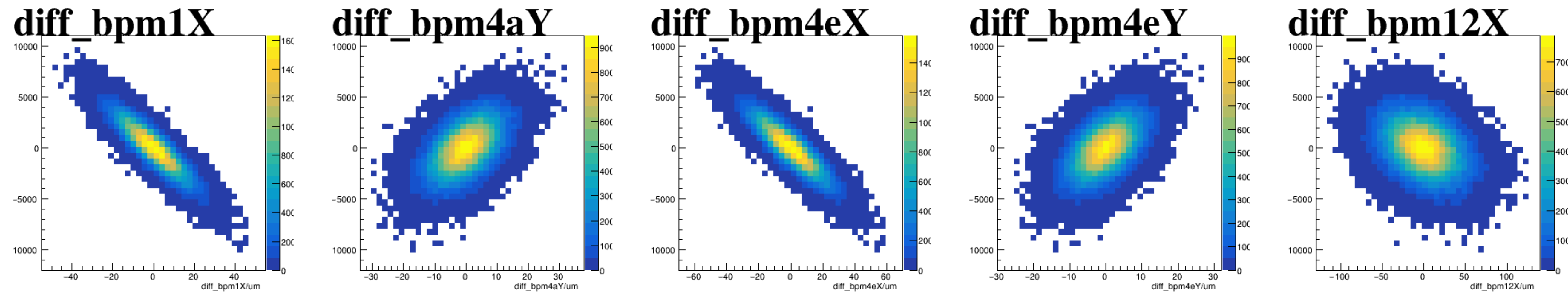


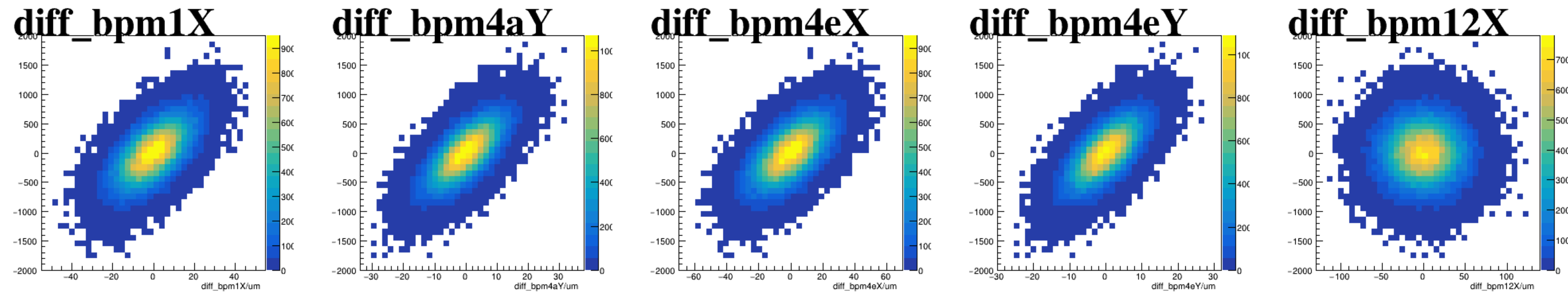
asym\_sam2



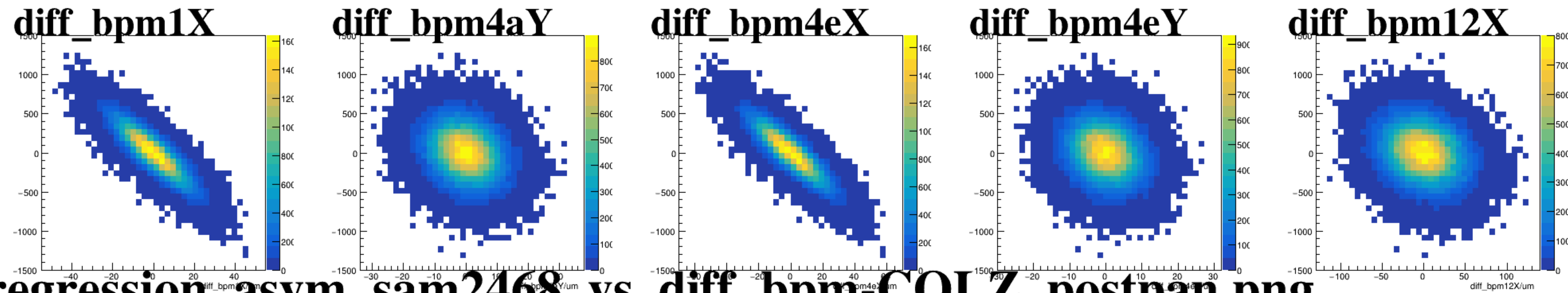
asym\_sam4



asym\_sam6

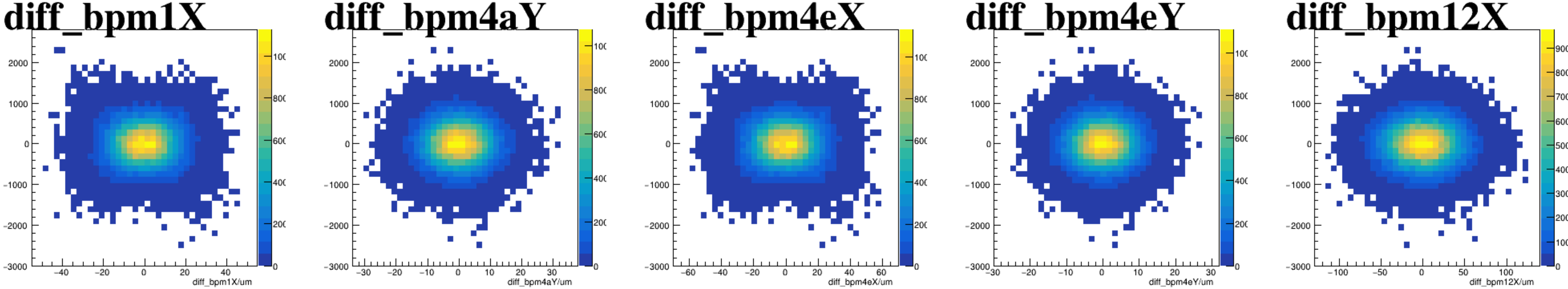


asym\_sam8

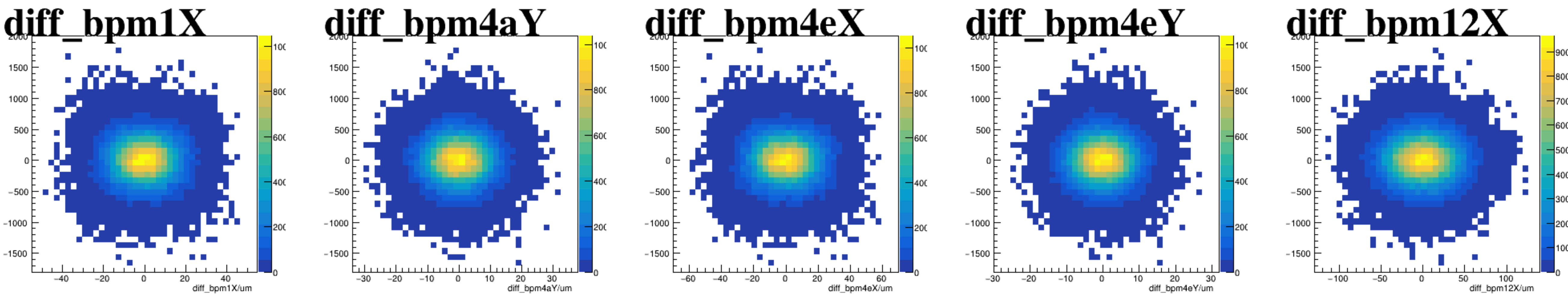




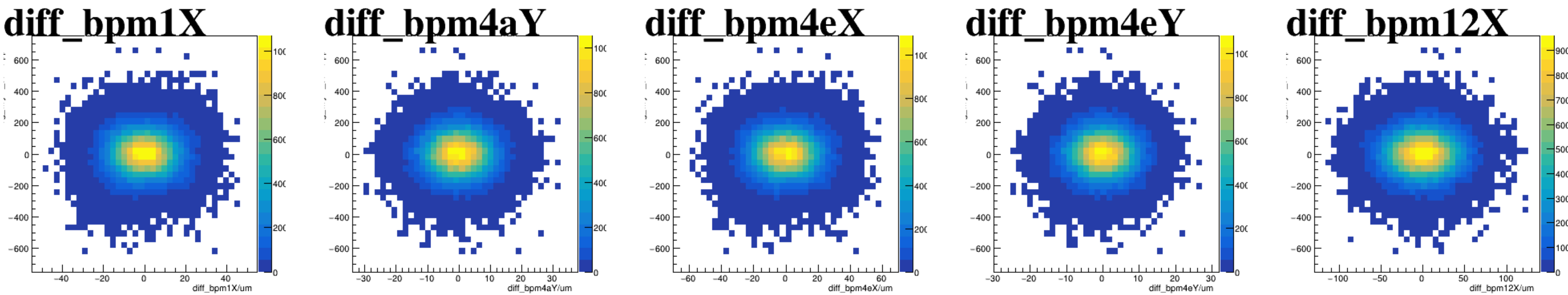
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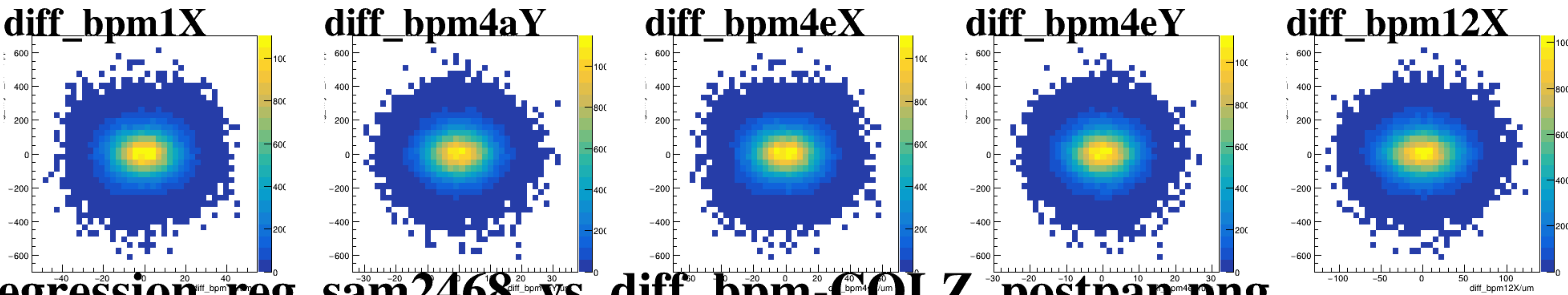
reg\_asym\_sam4



reg\_asym\_sam6

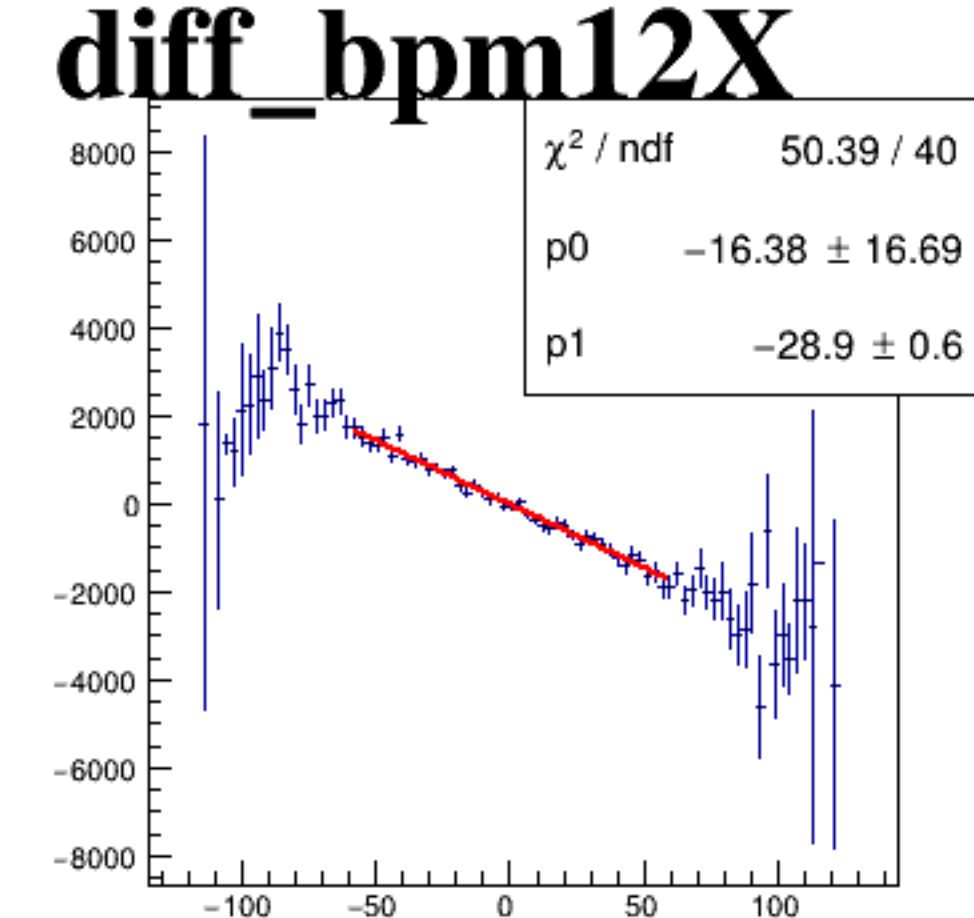
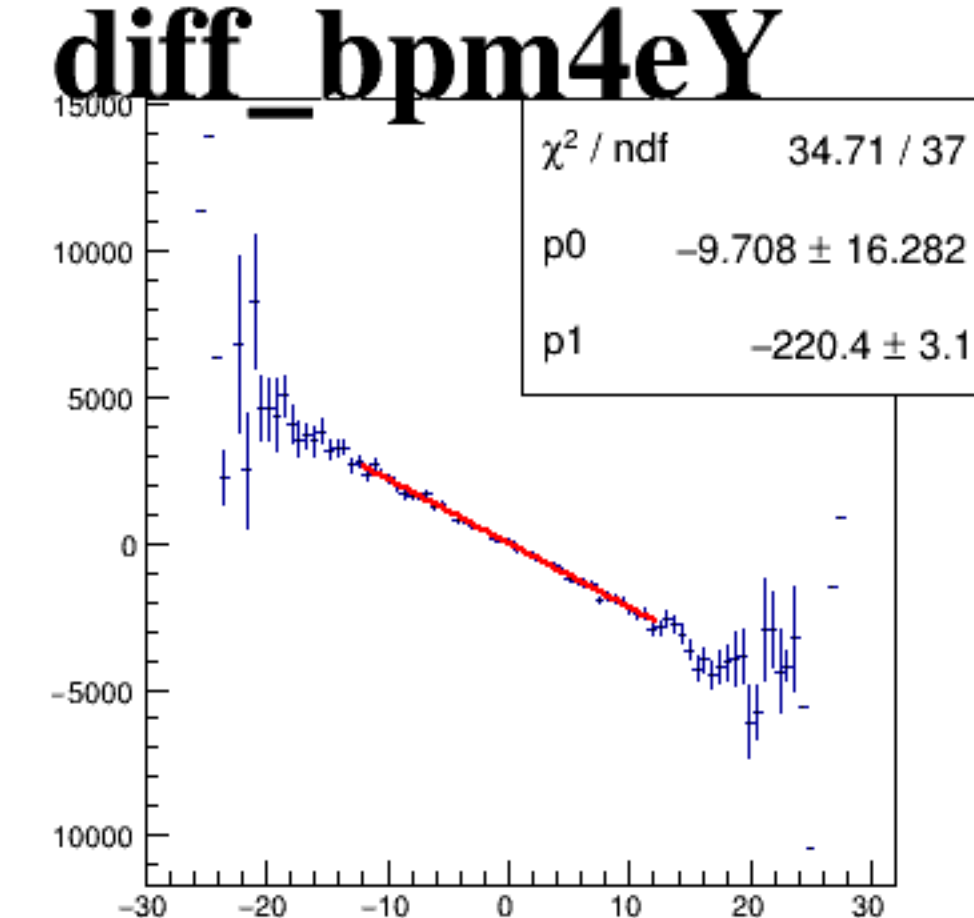
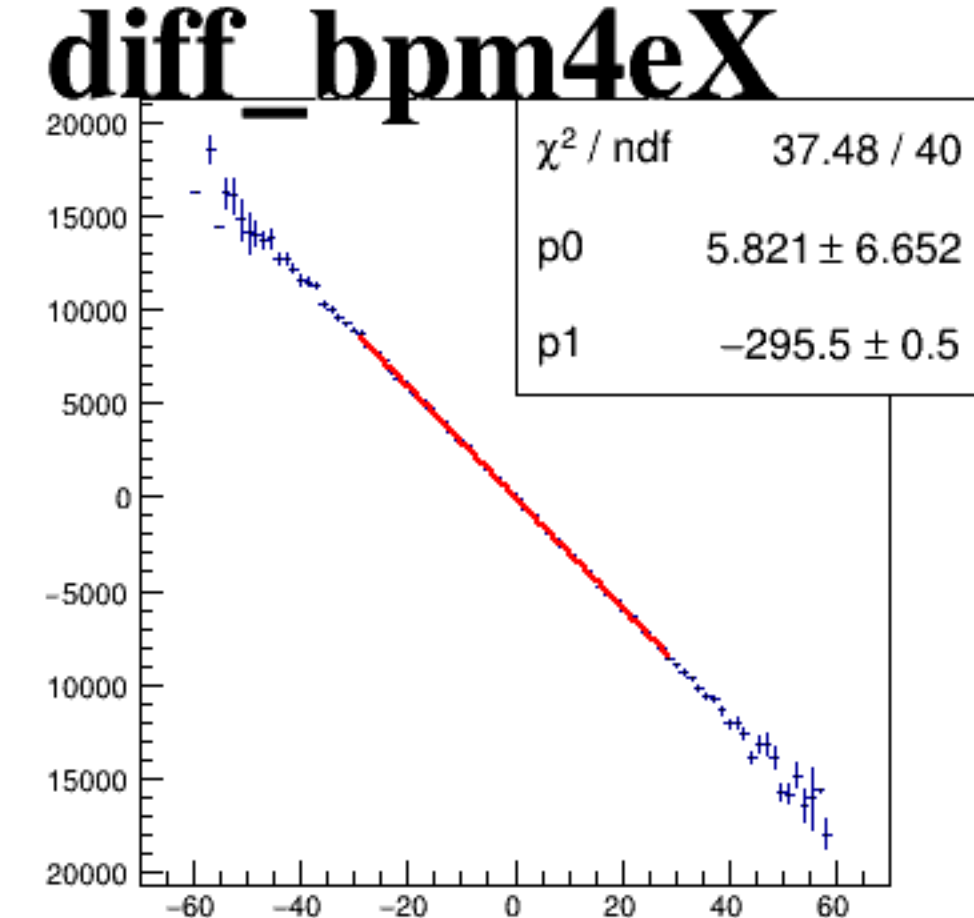
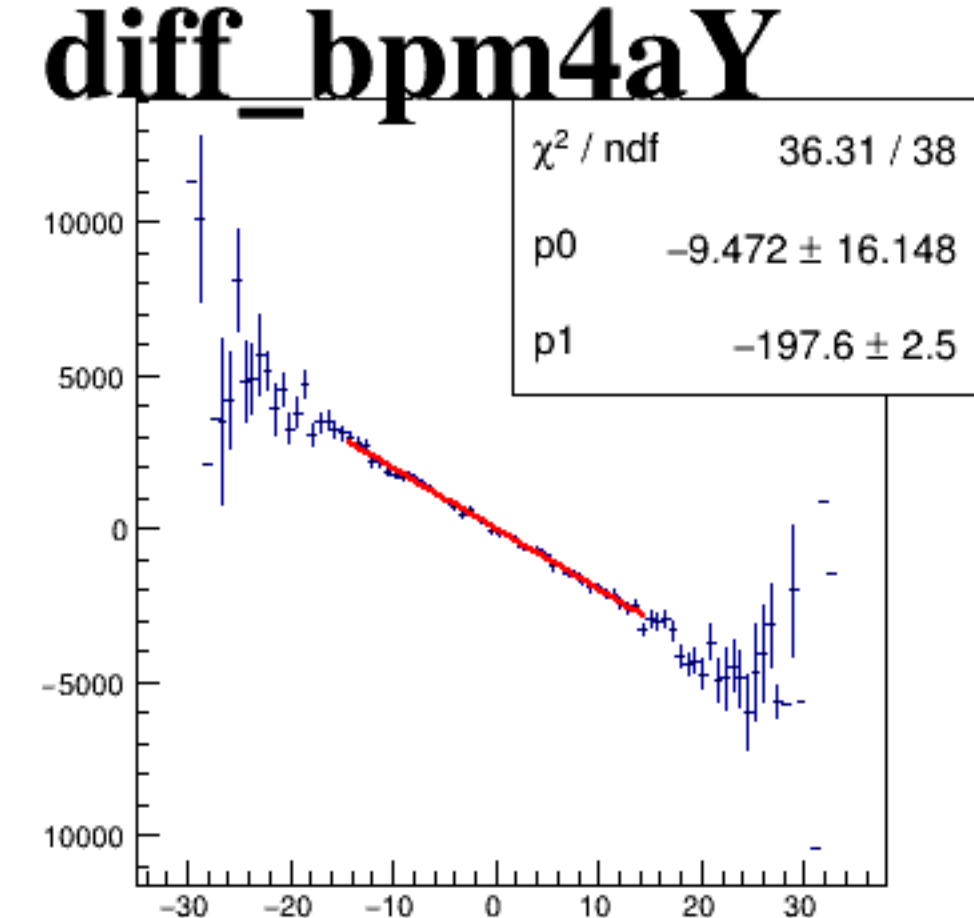
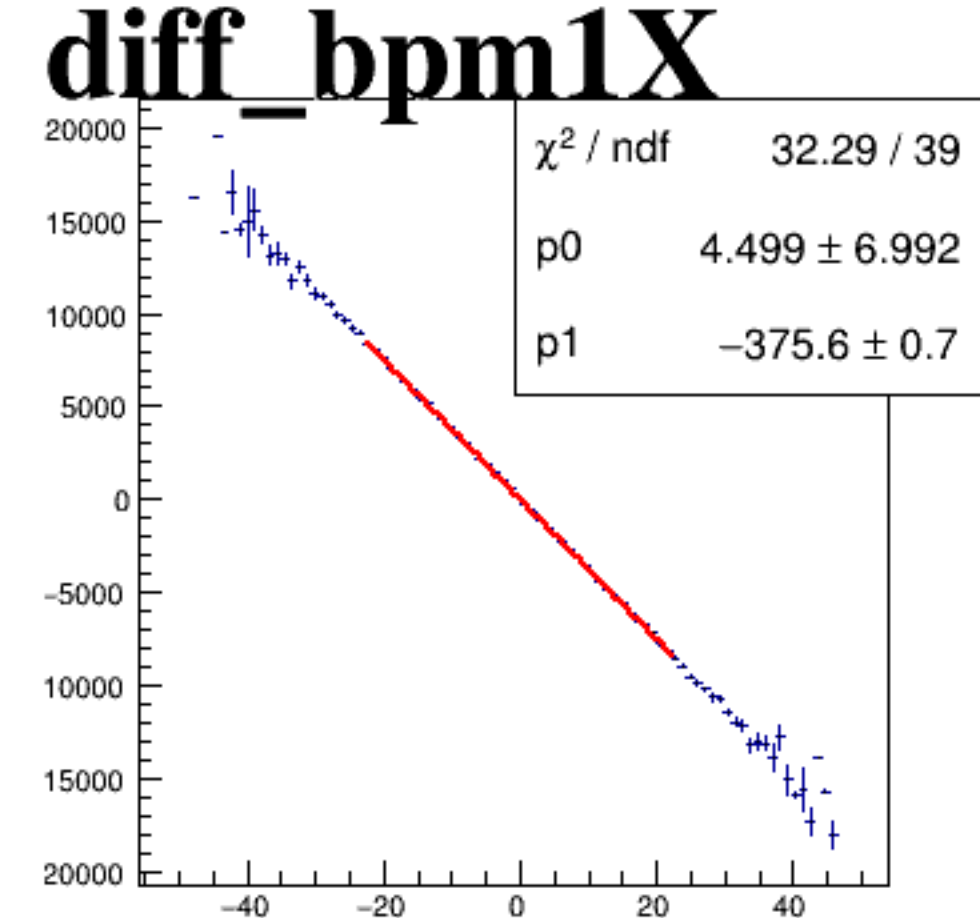


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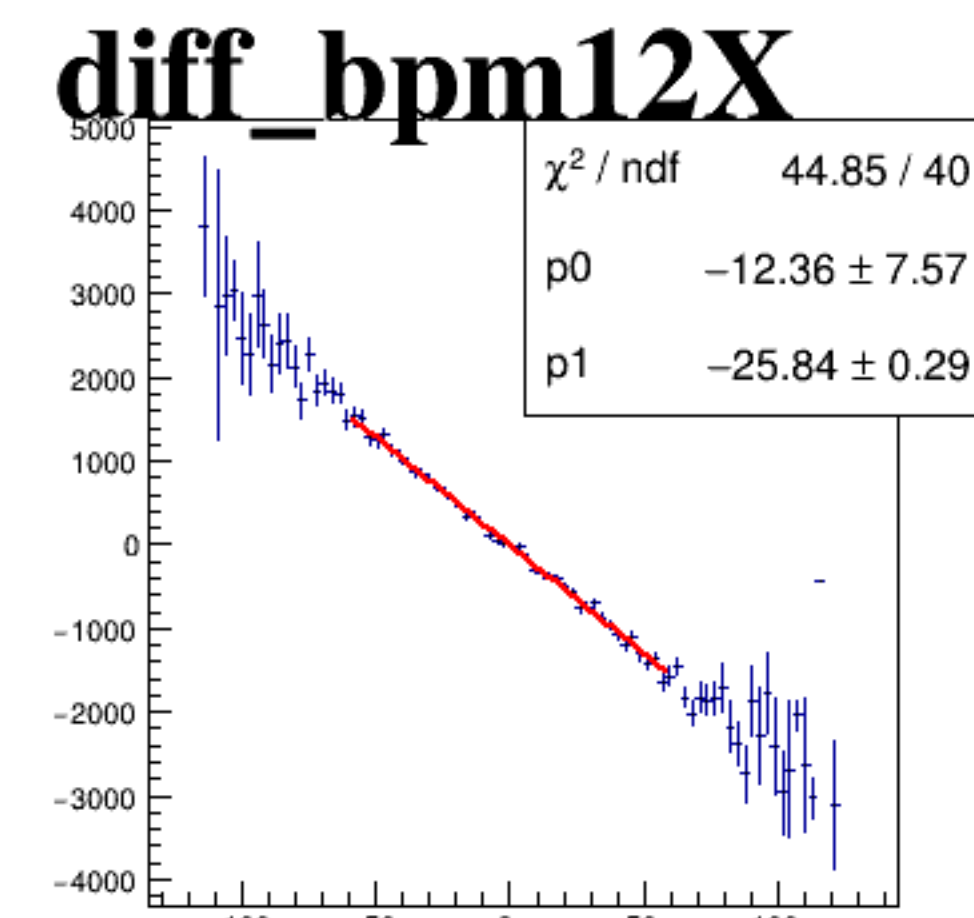
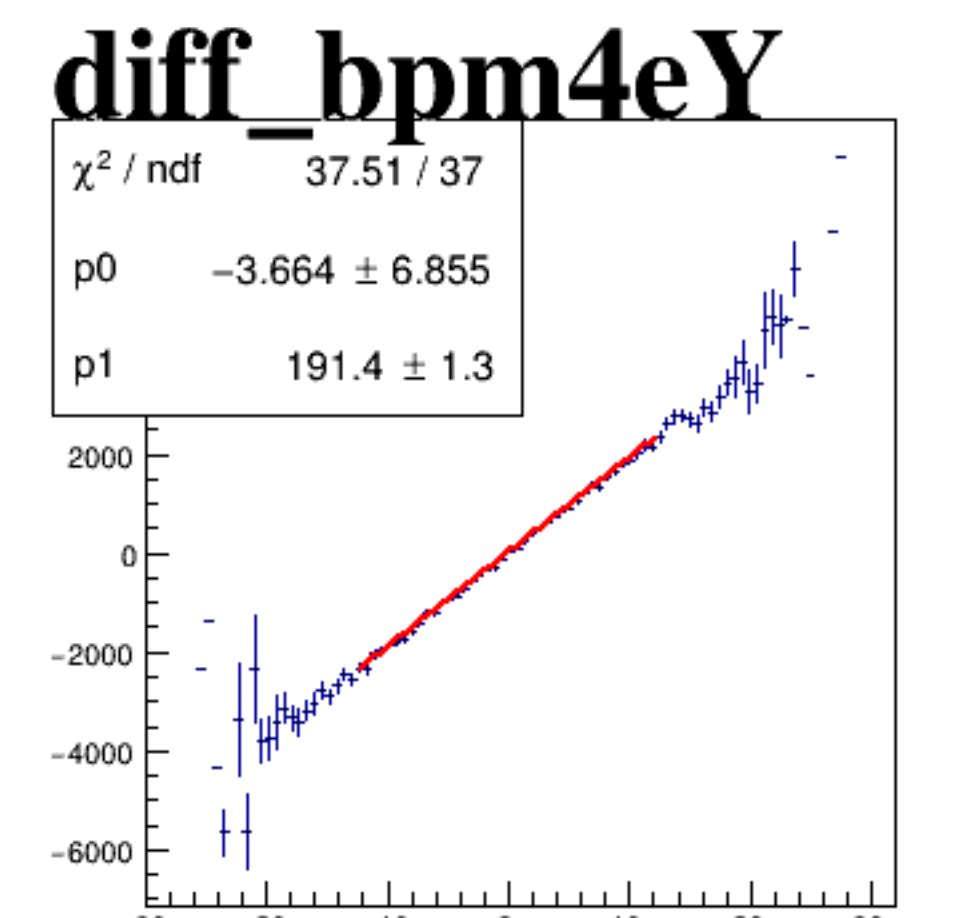
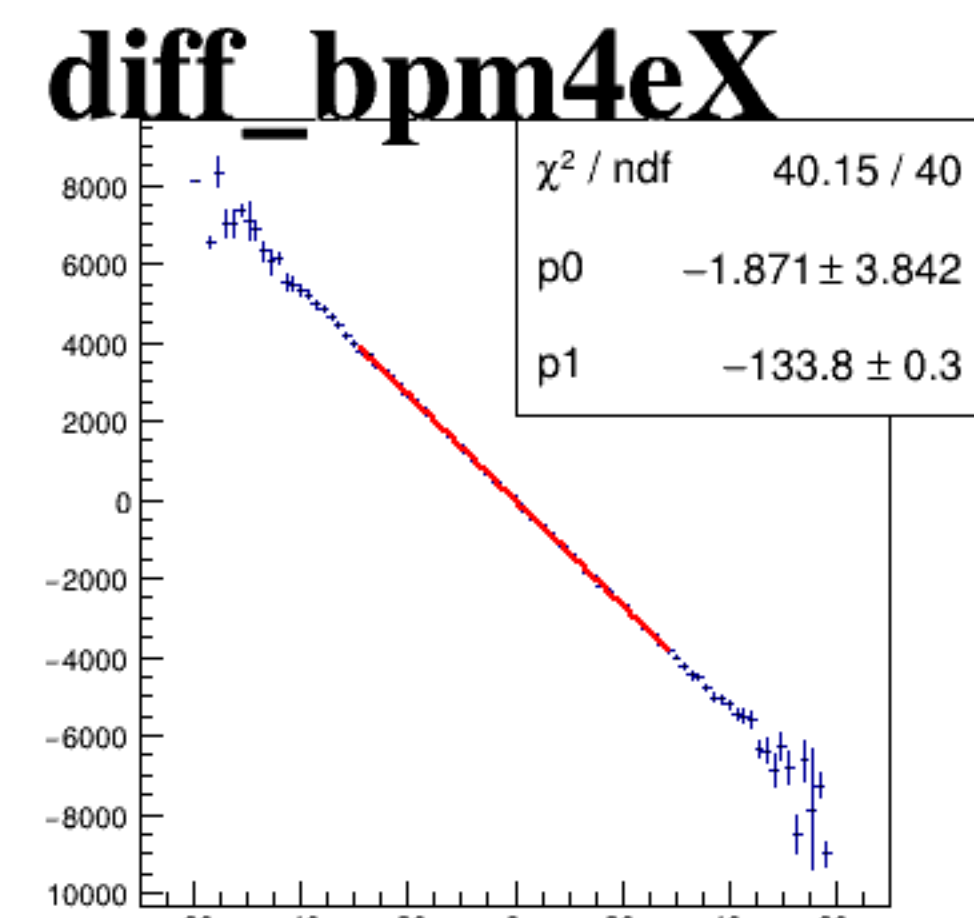
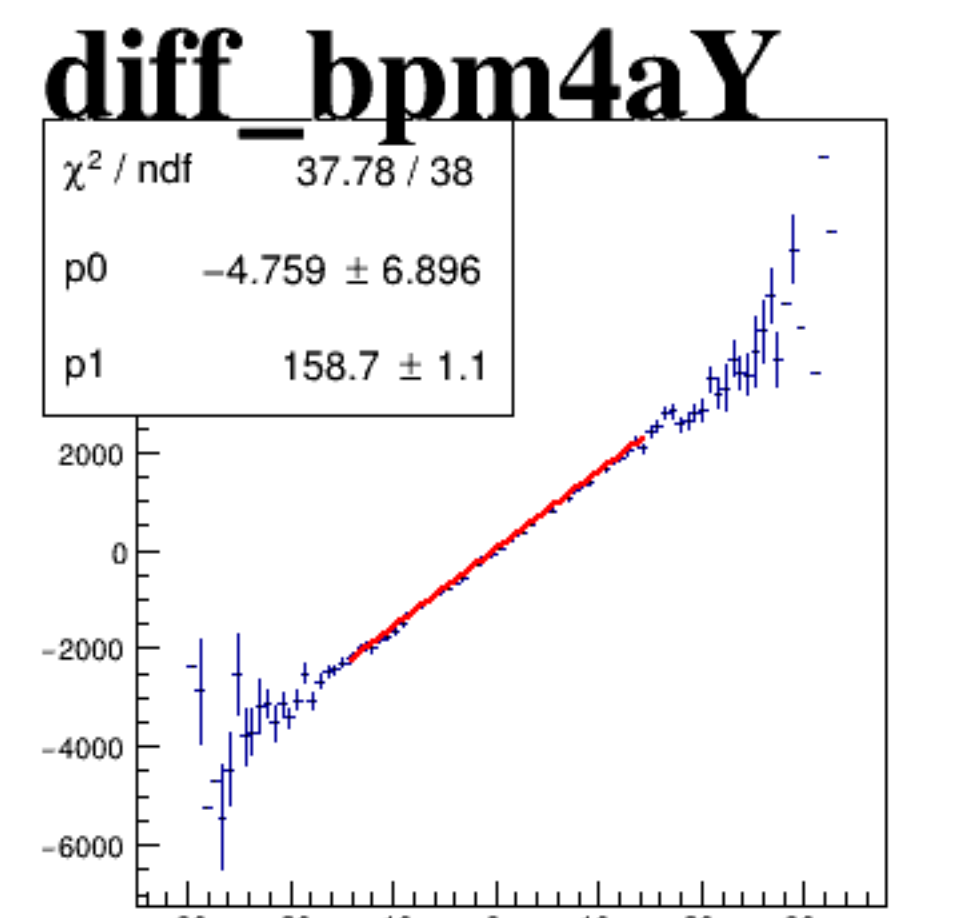
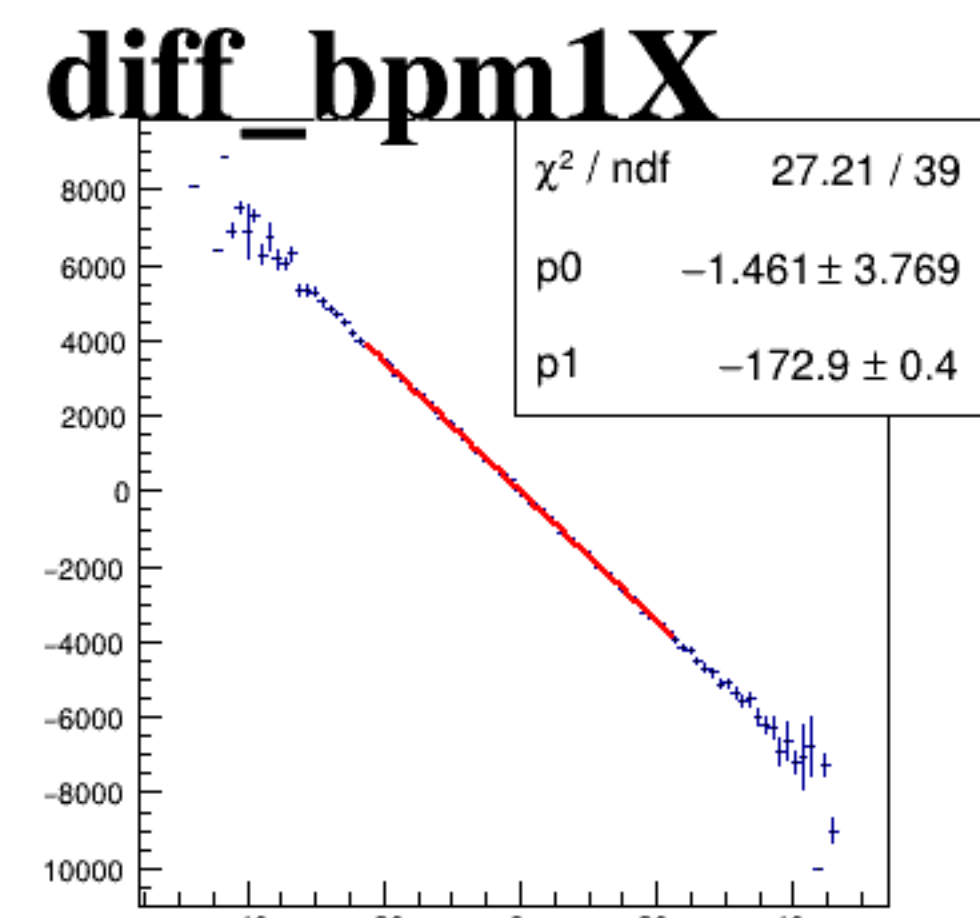




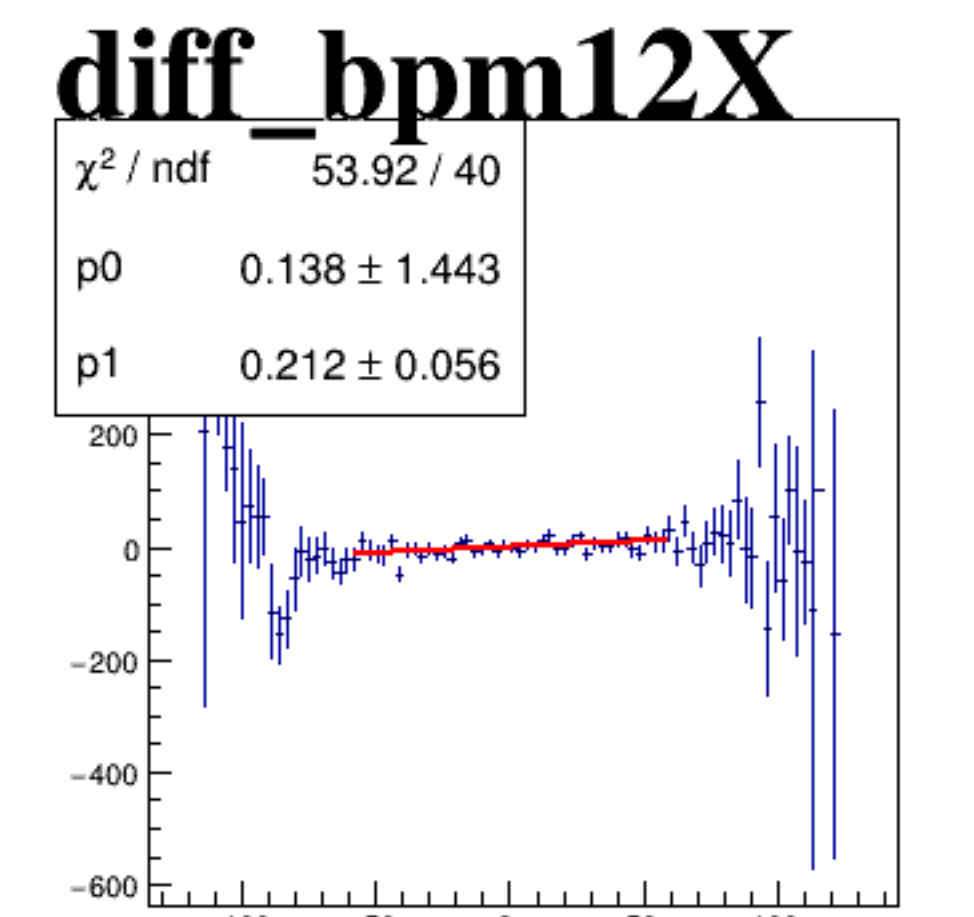
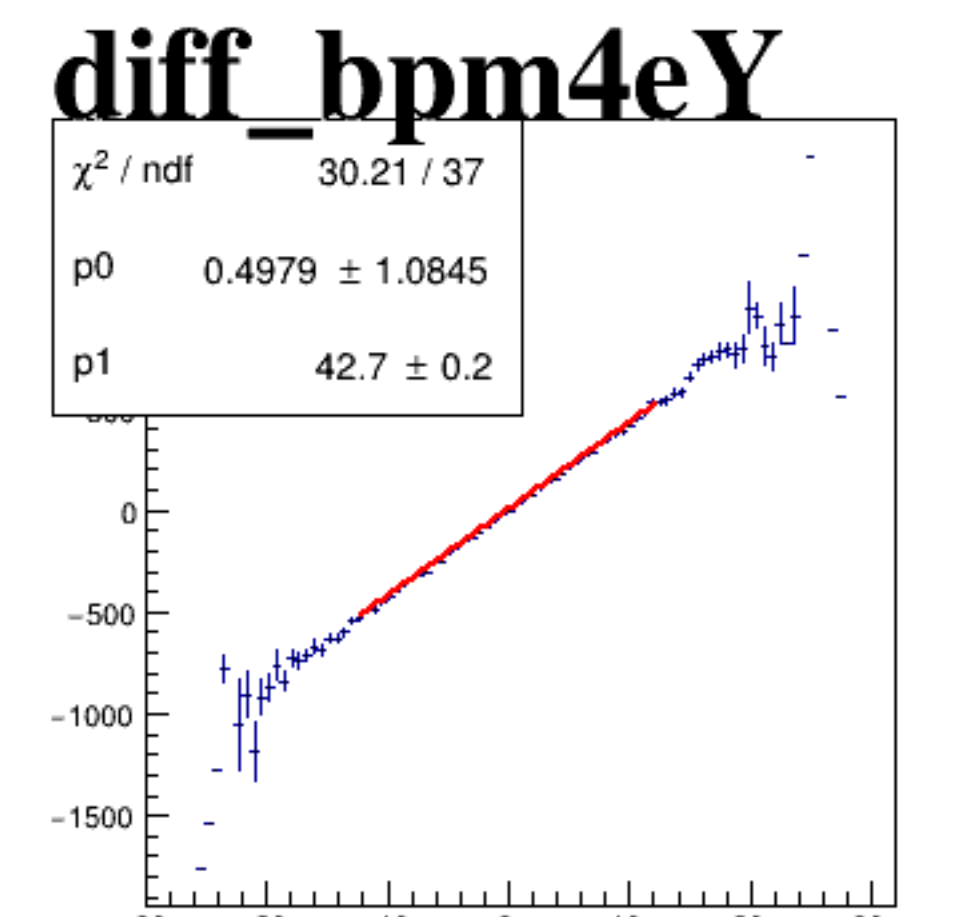
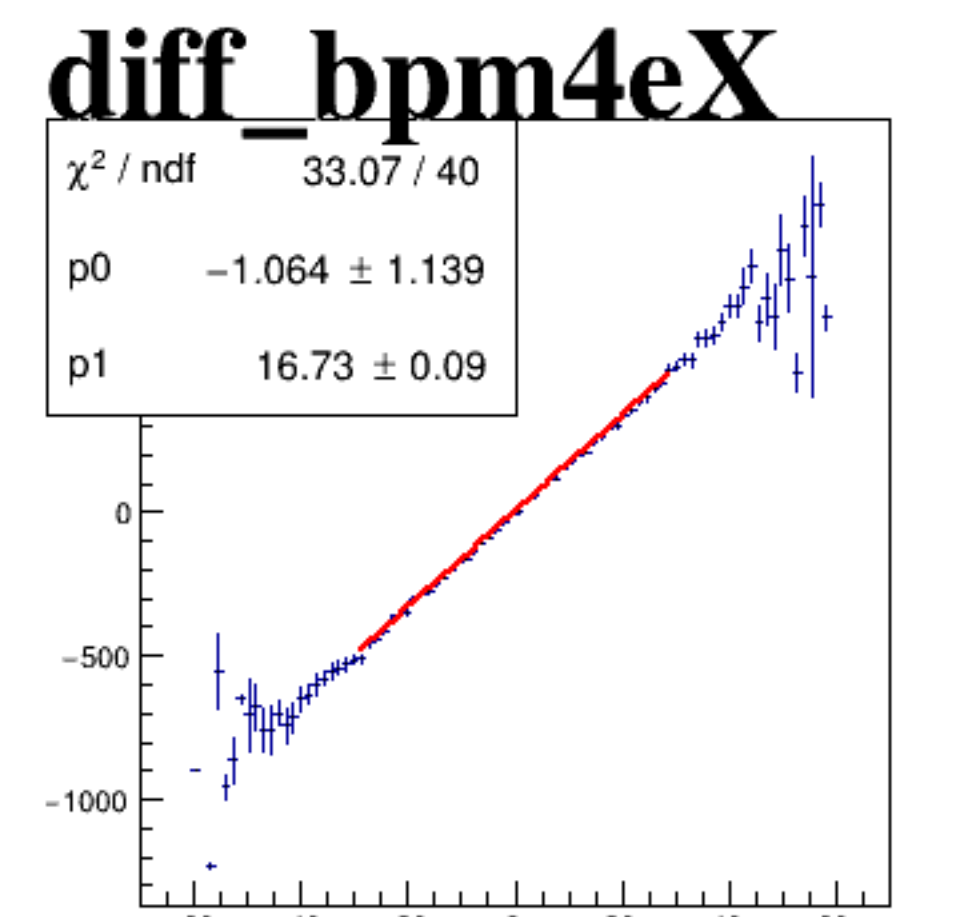
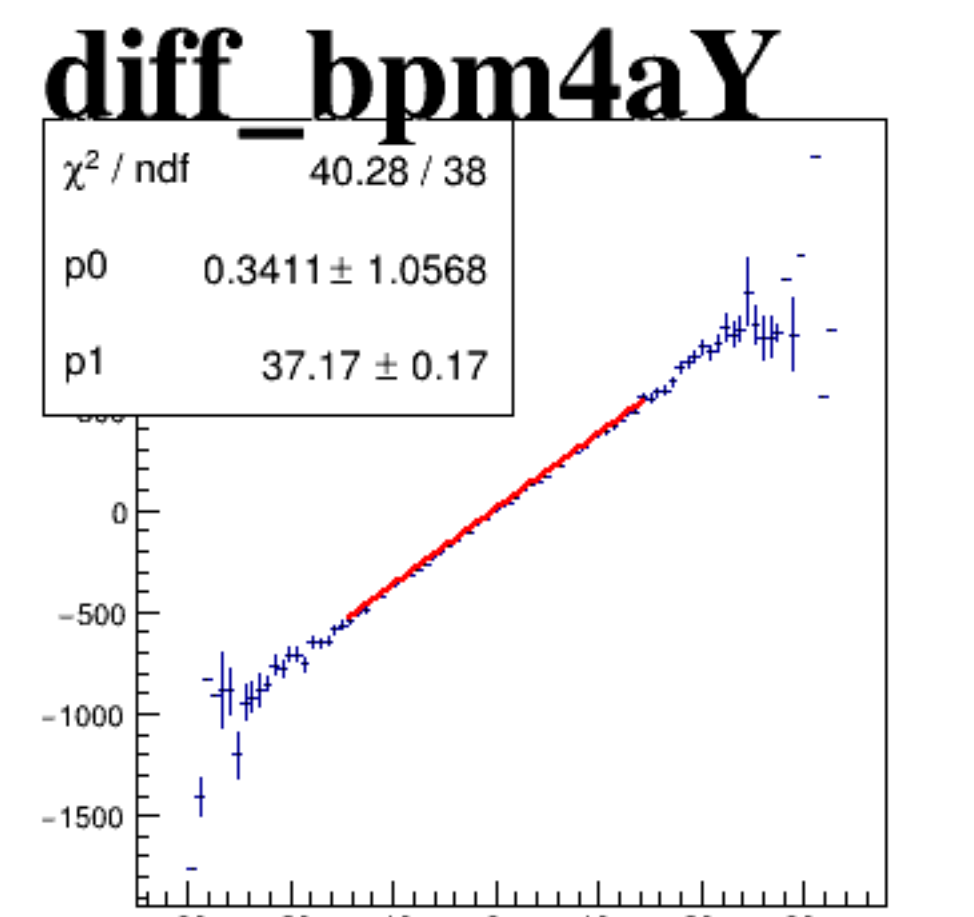
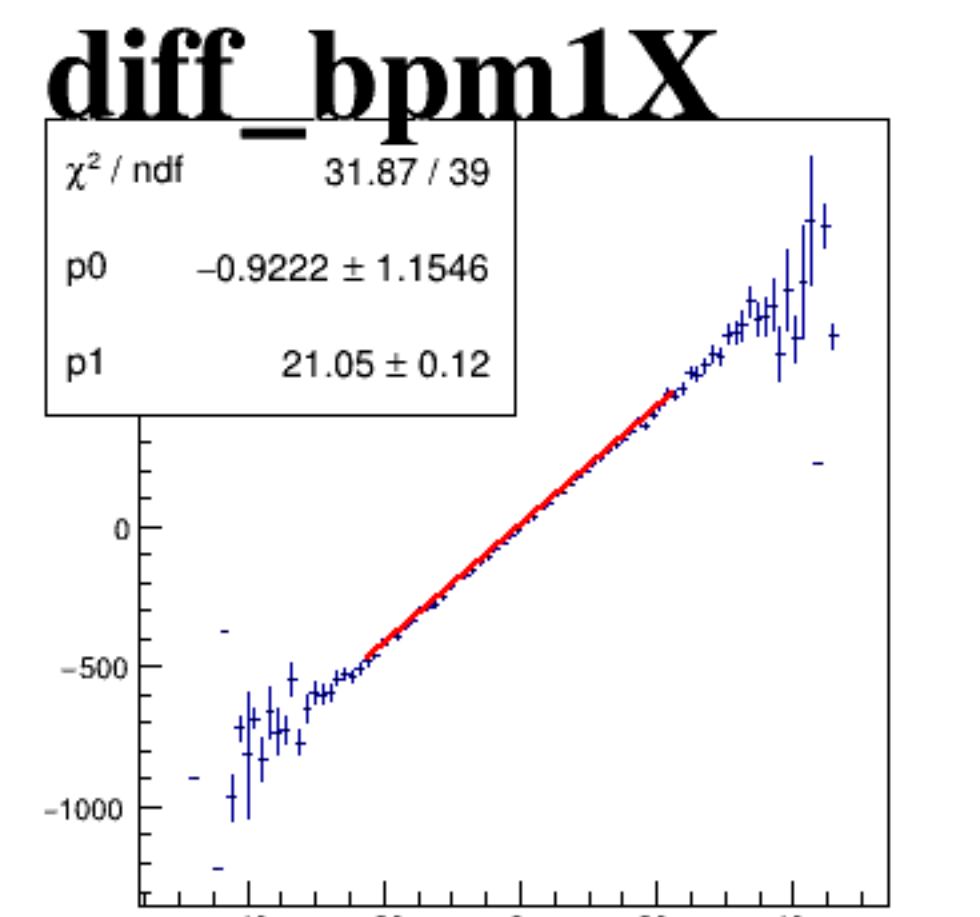
asym\_sam2



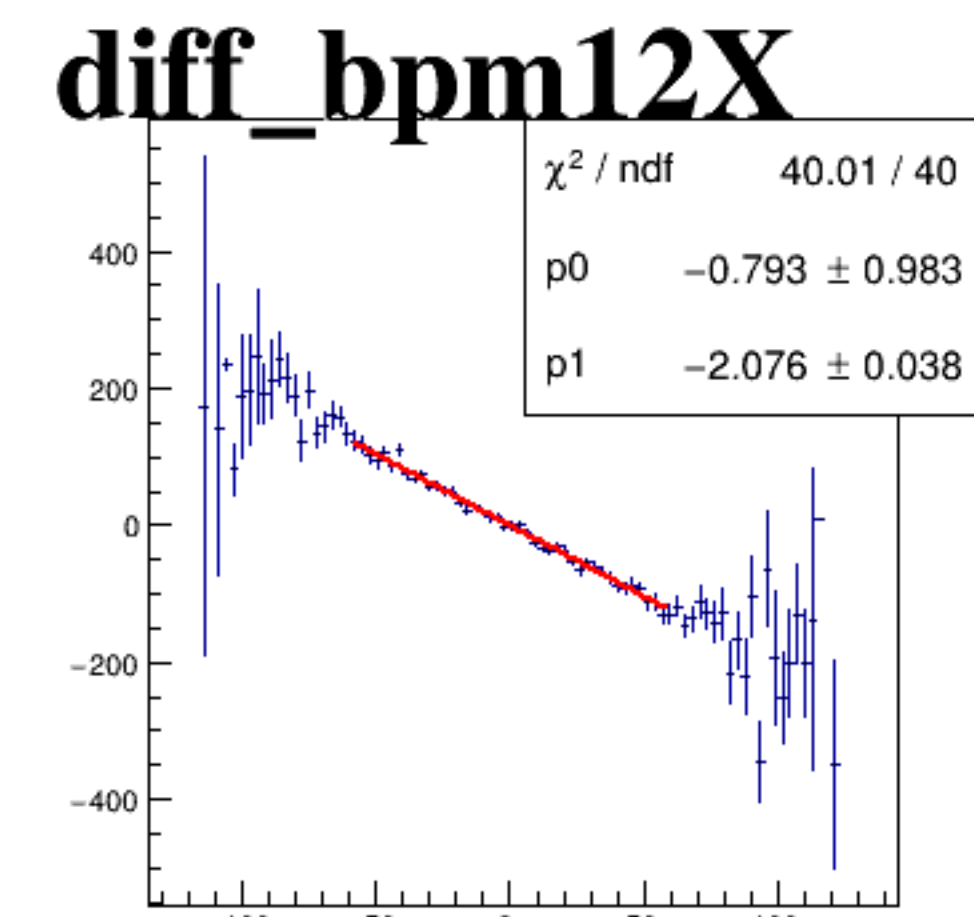
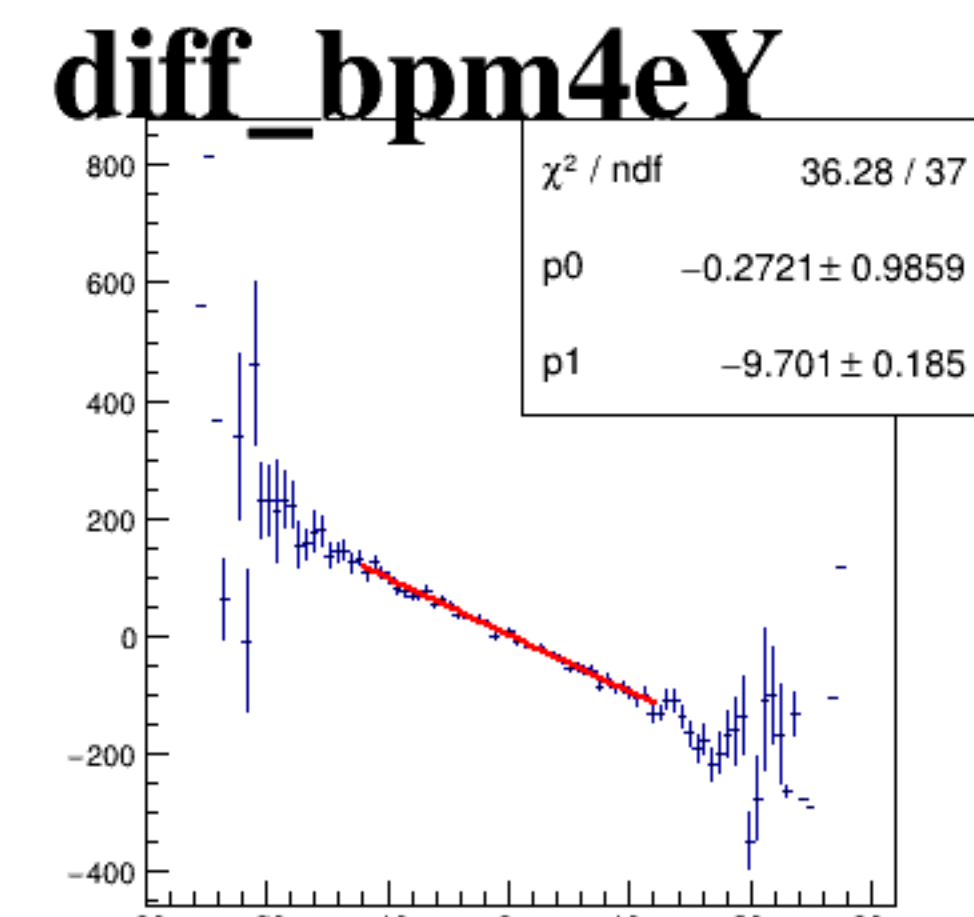
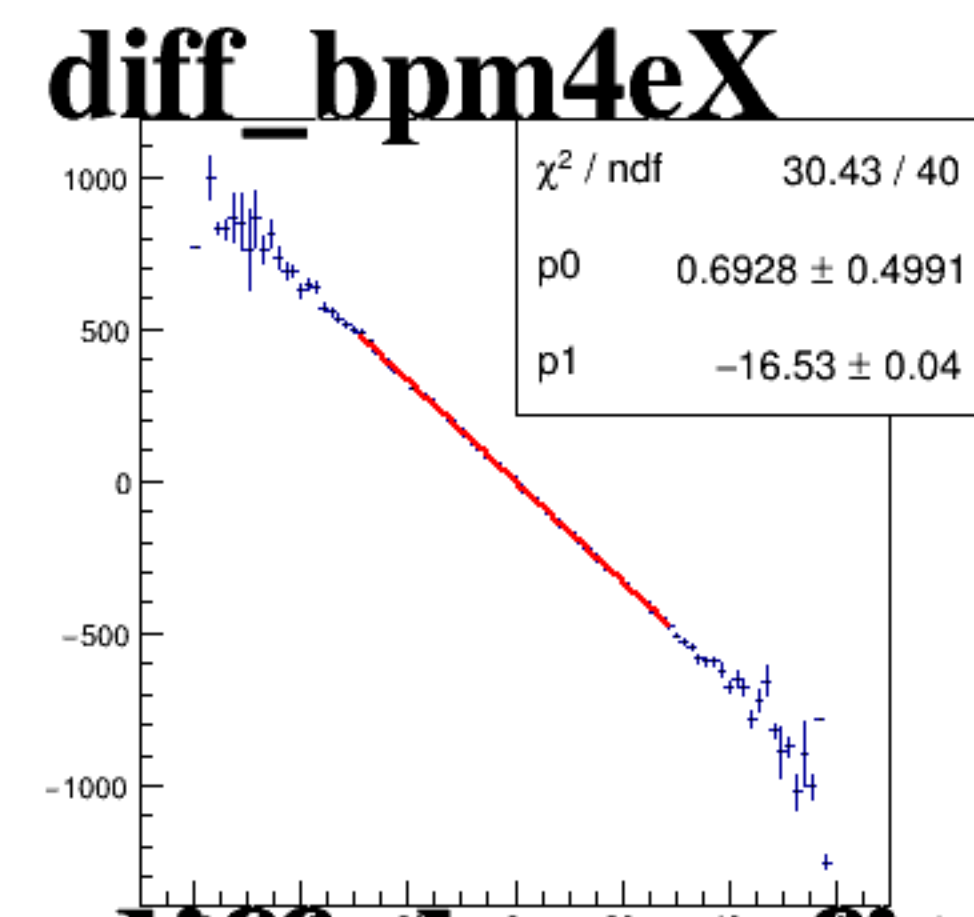
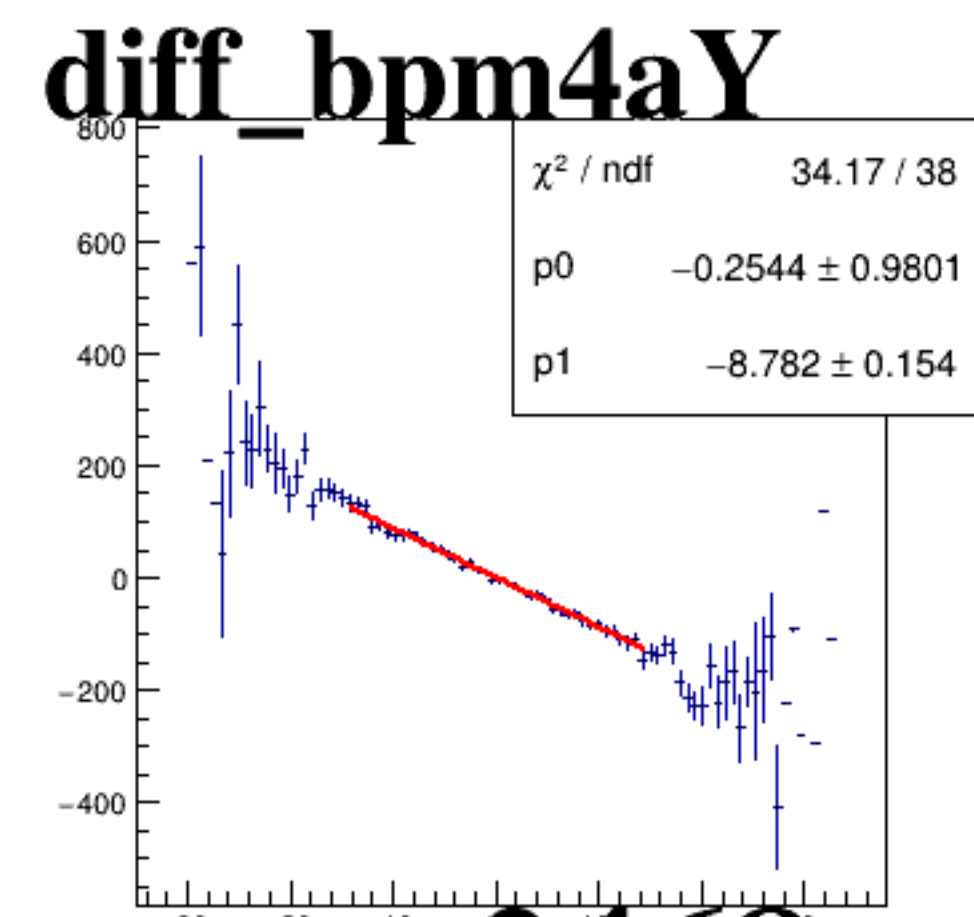
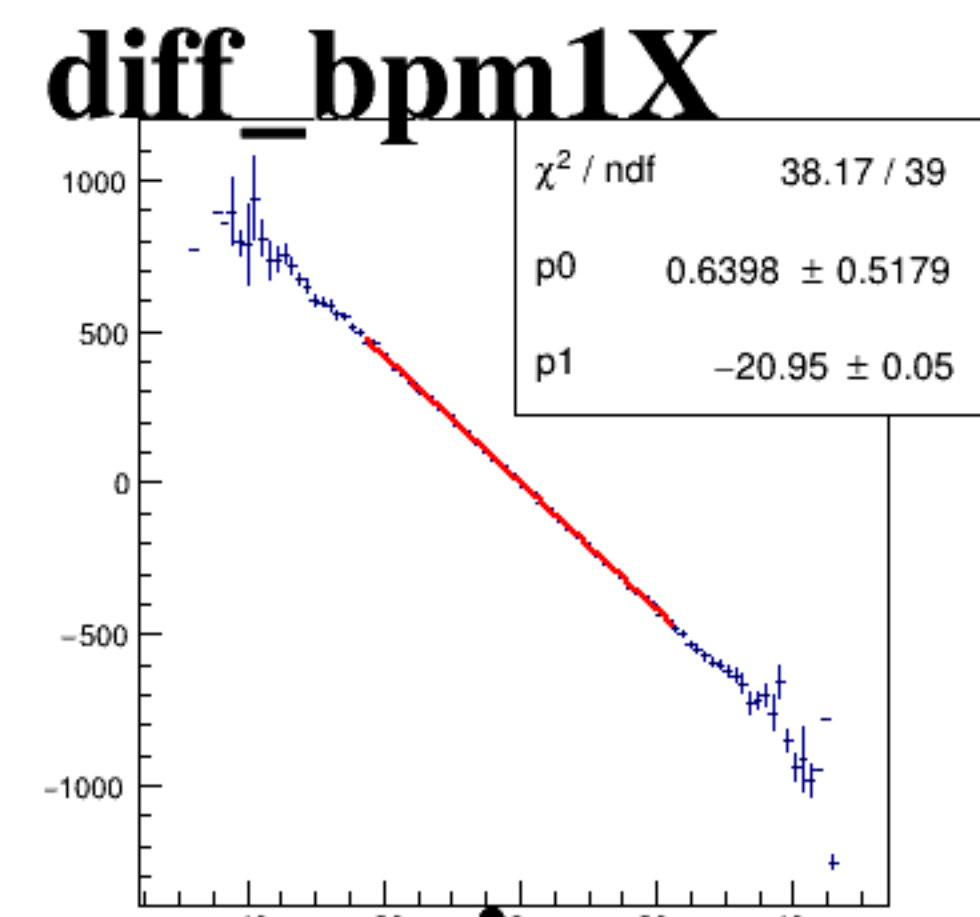
asym\_sam4



asym\_sam6

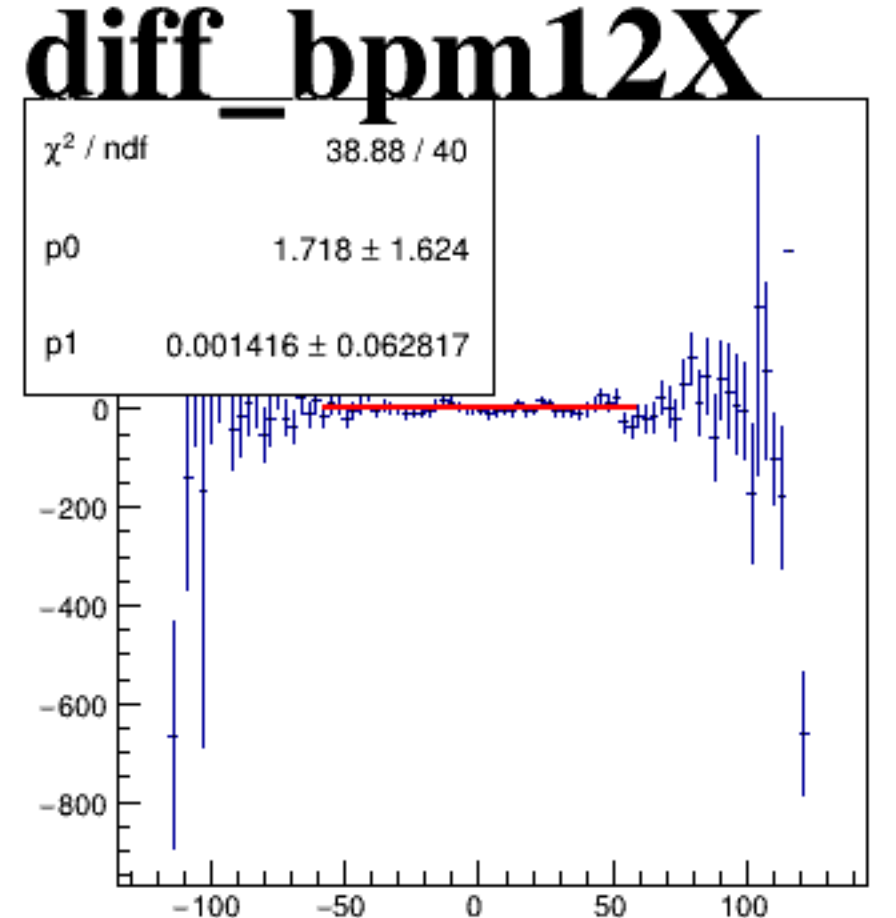
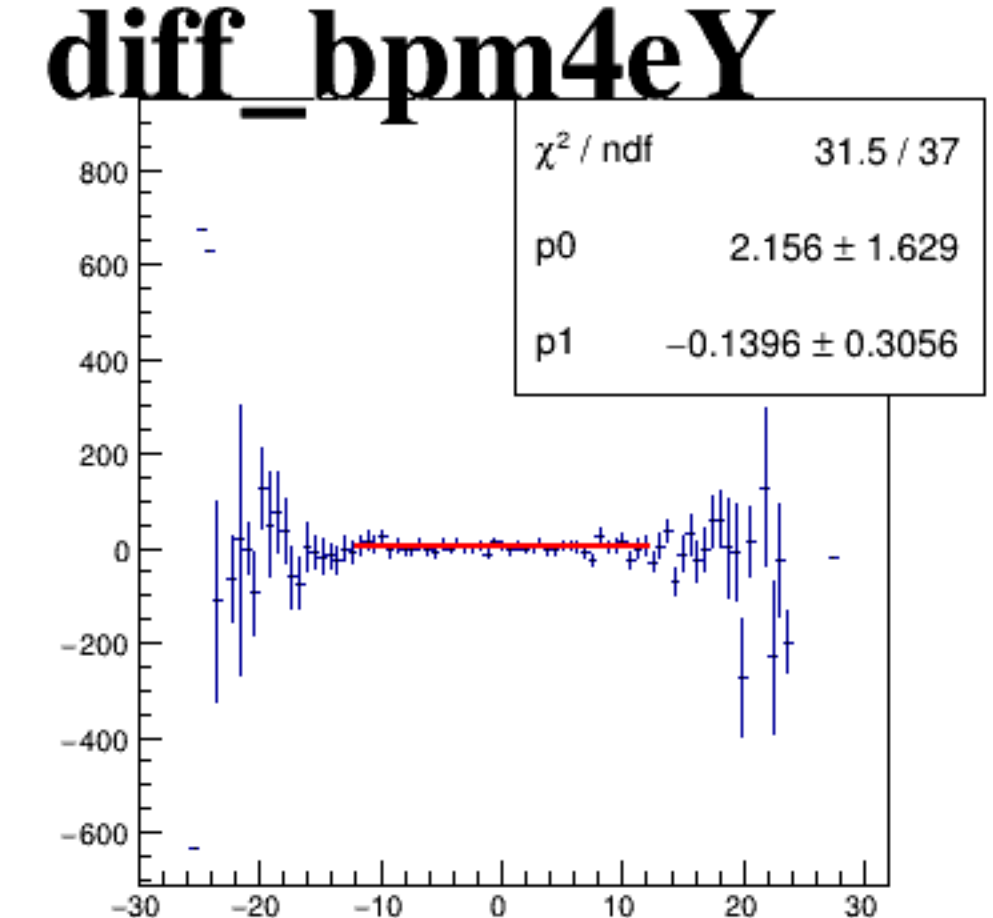
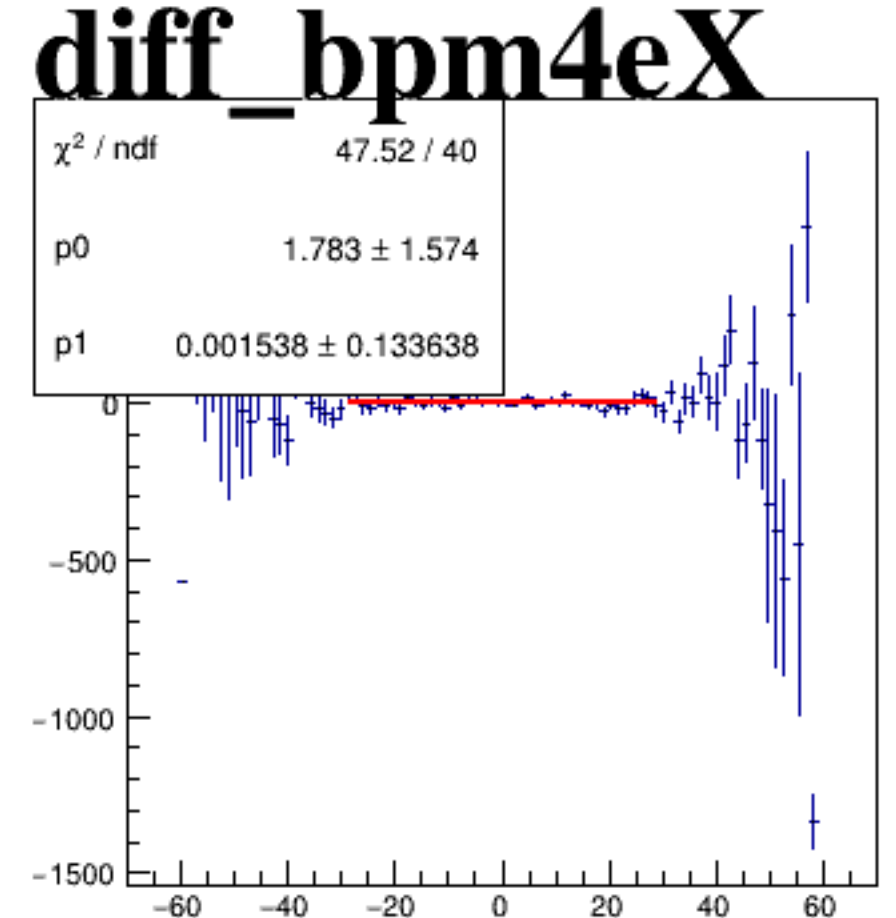
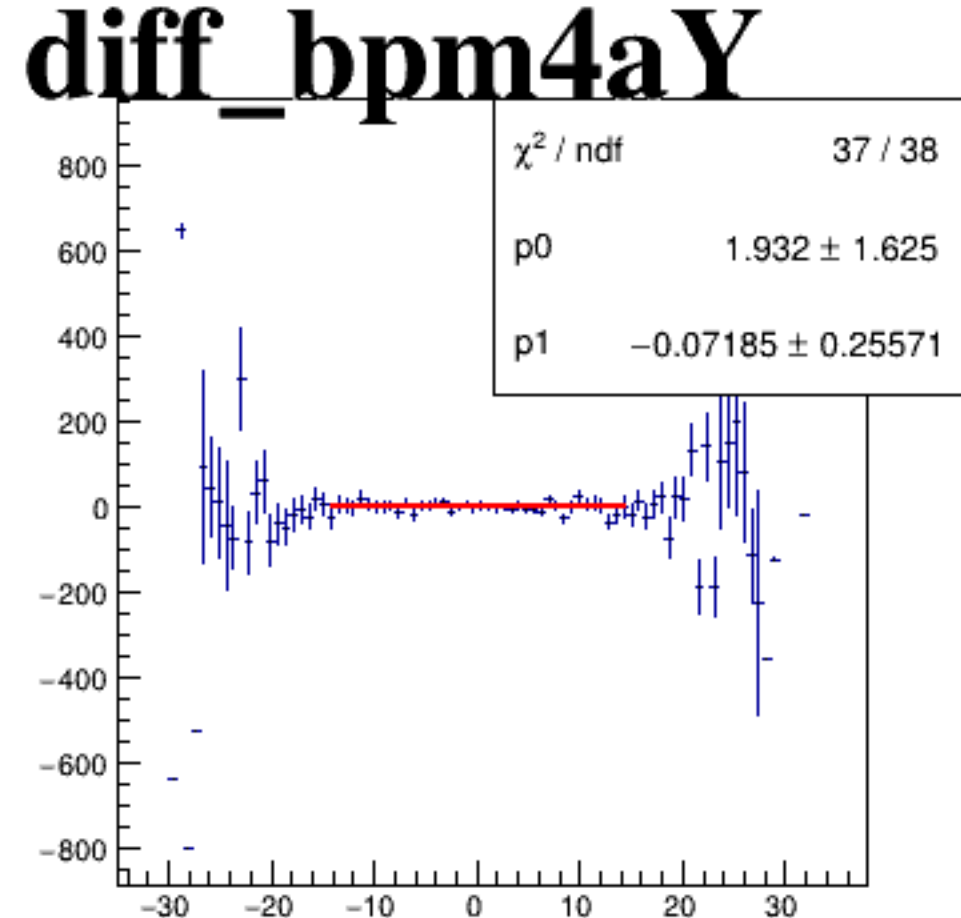
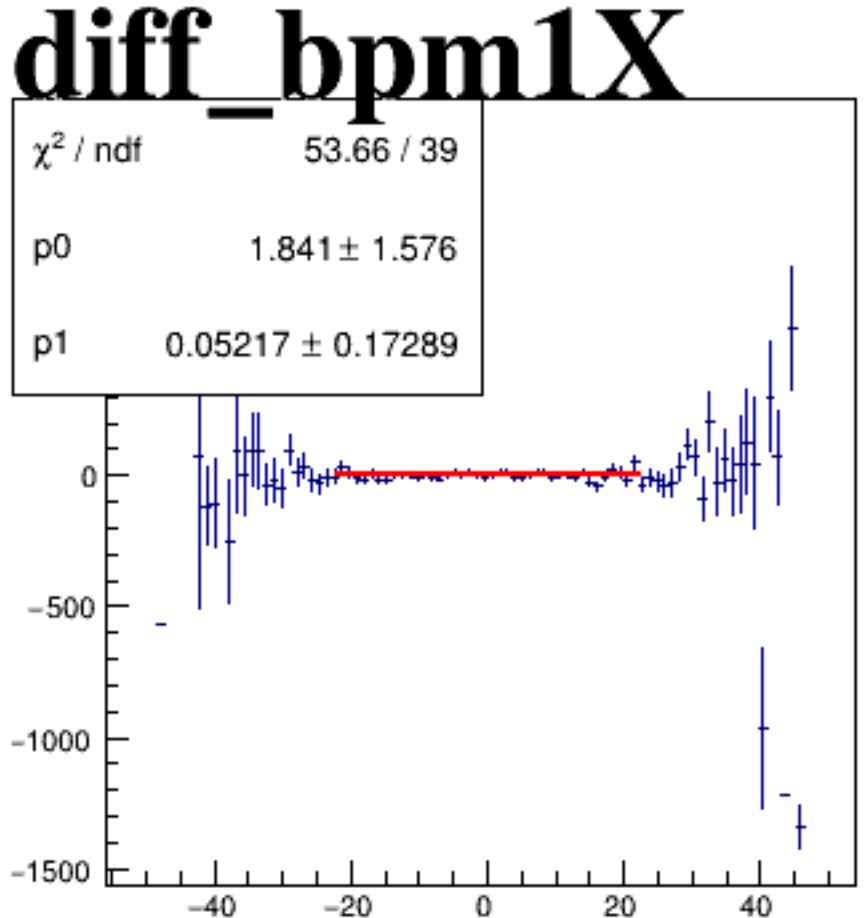


asym\_sam8

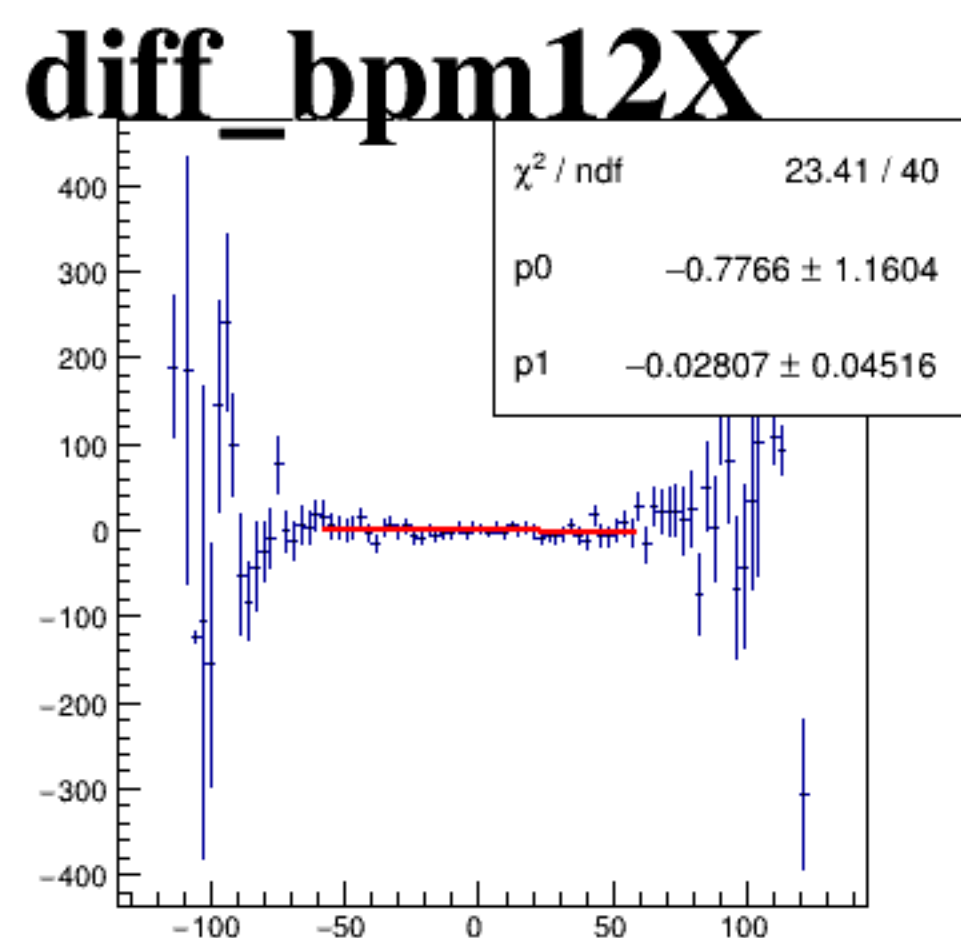
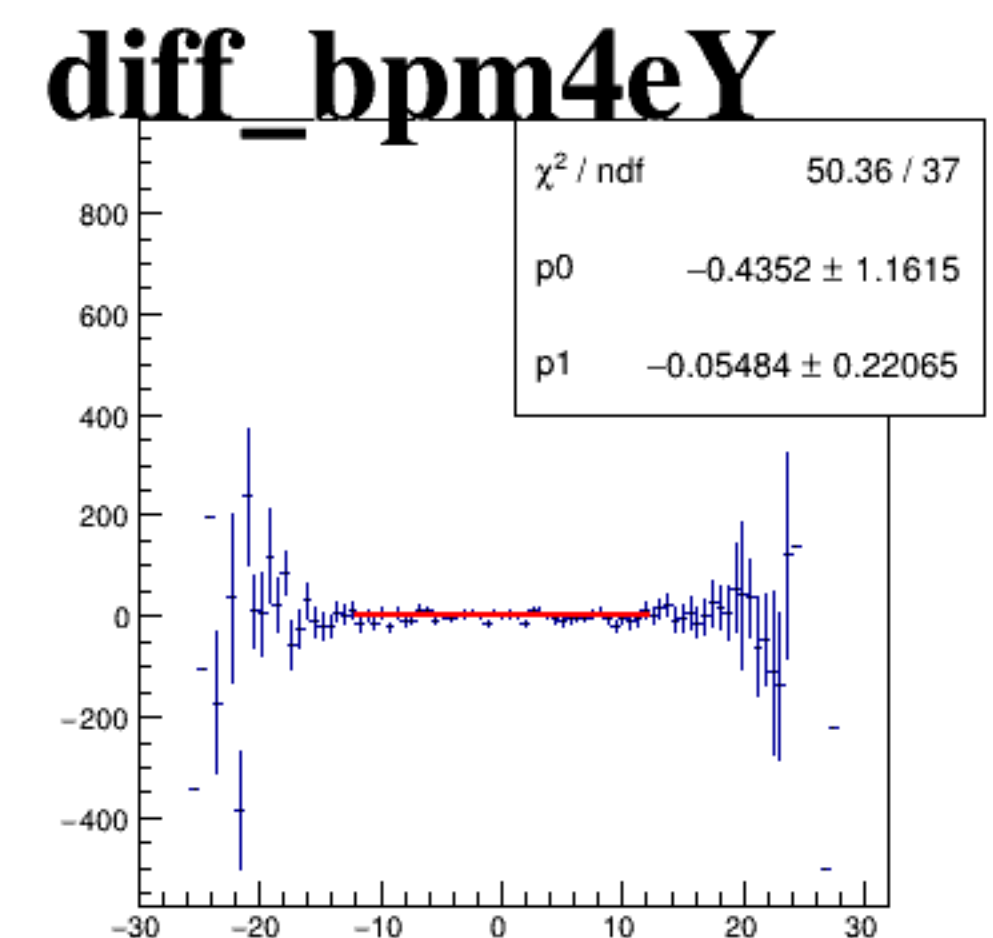
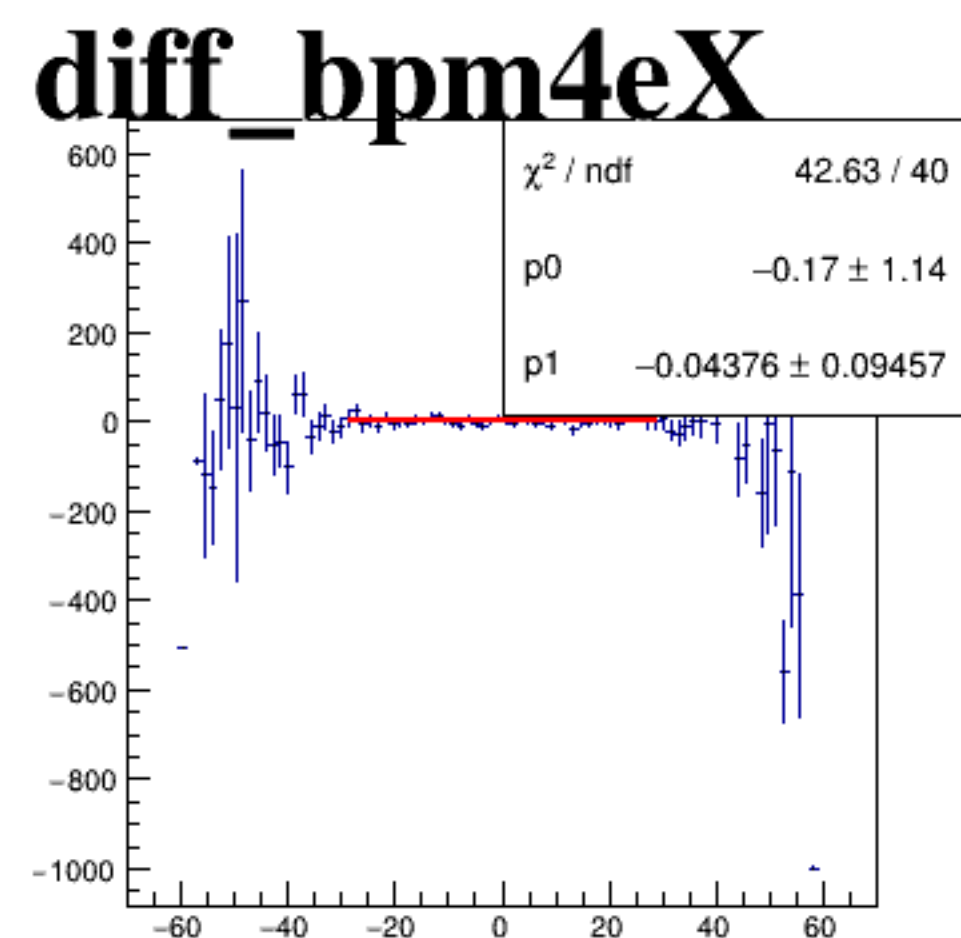
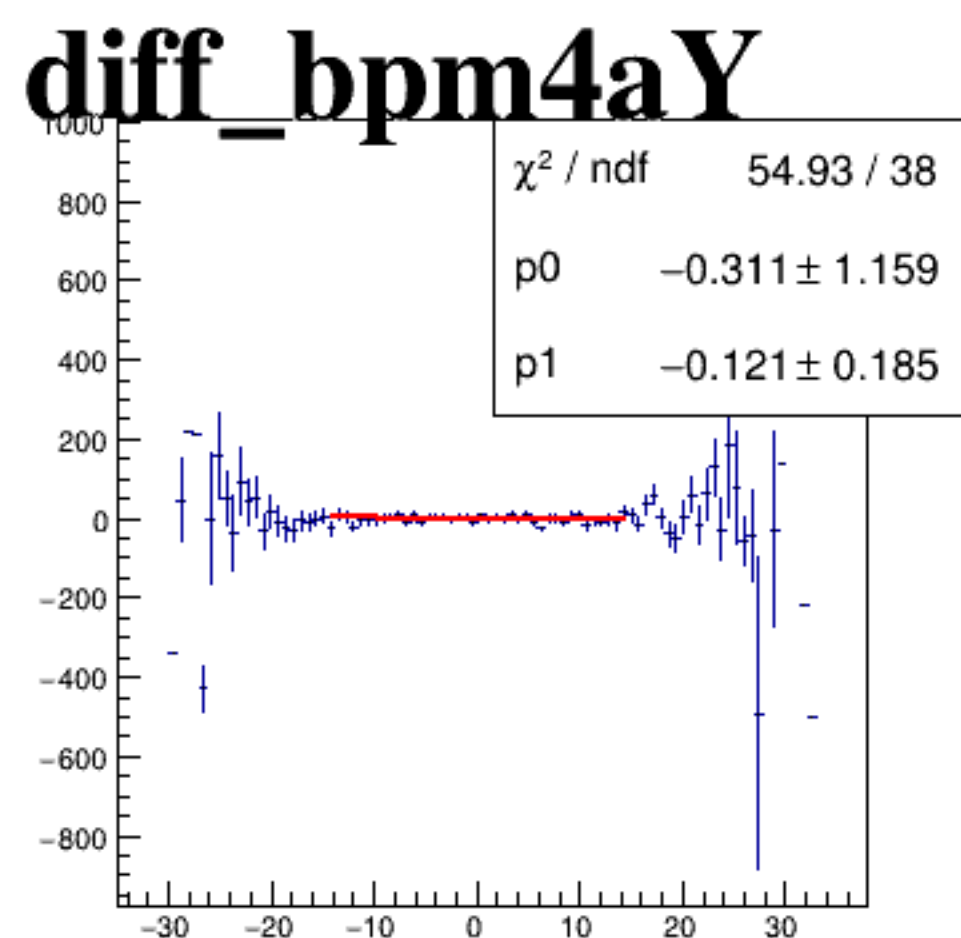
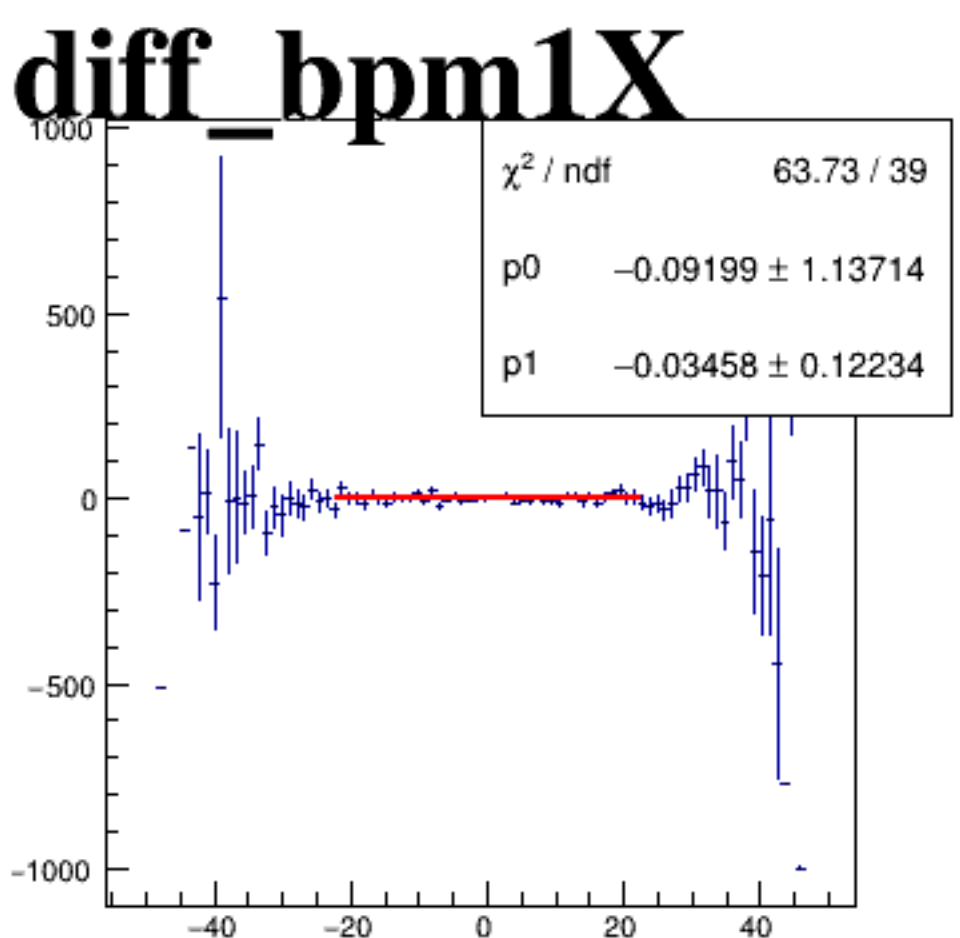




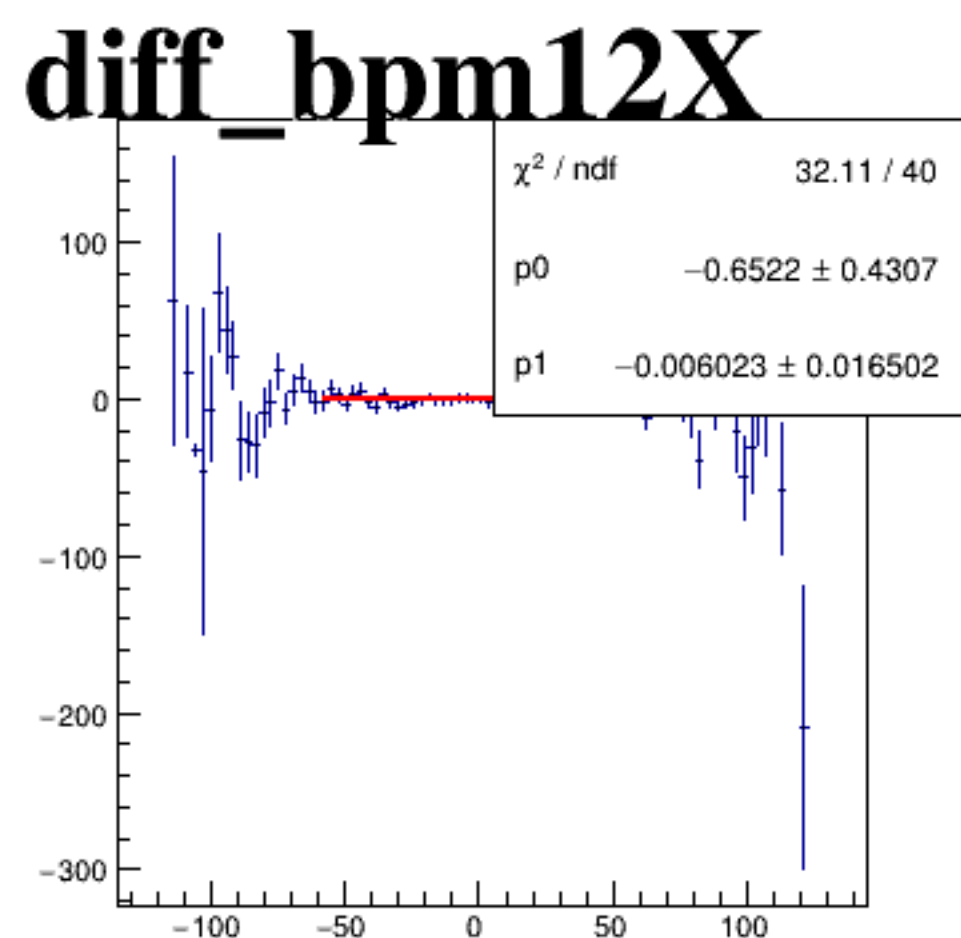
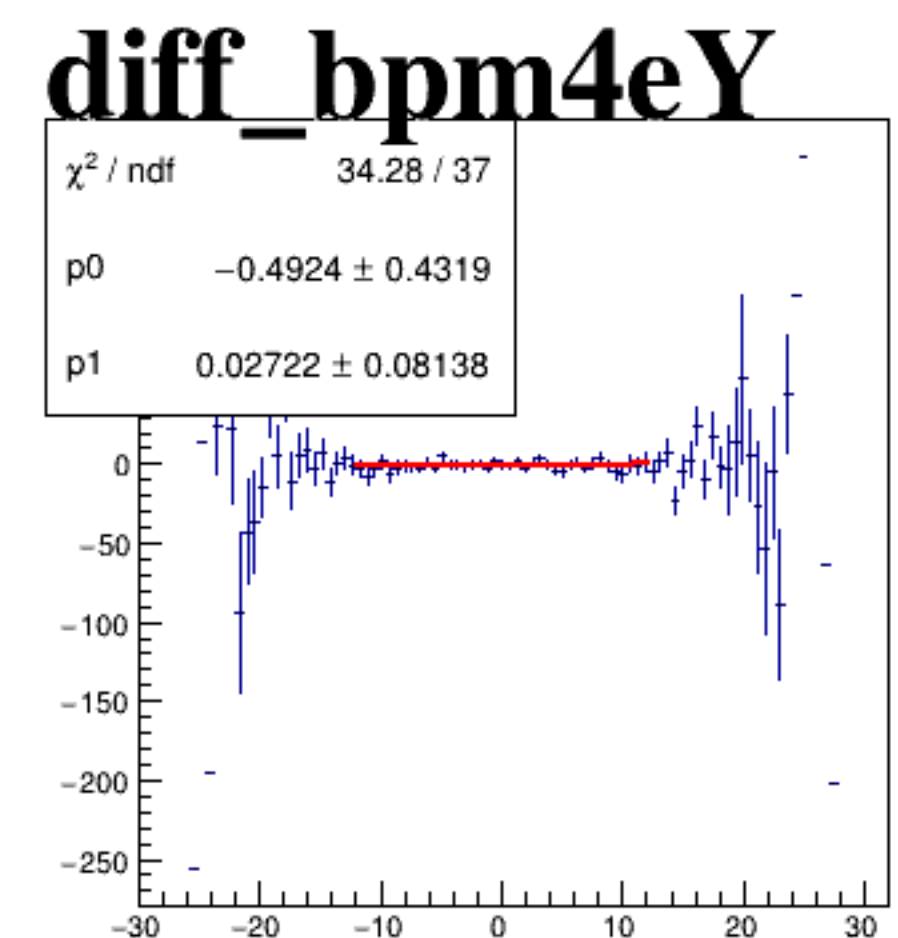
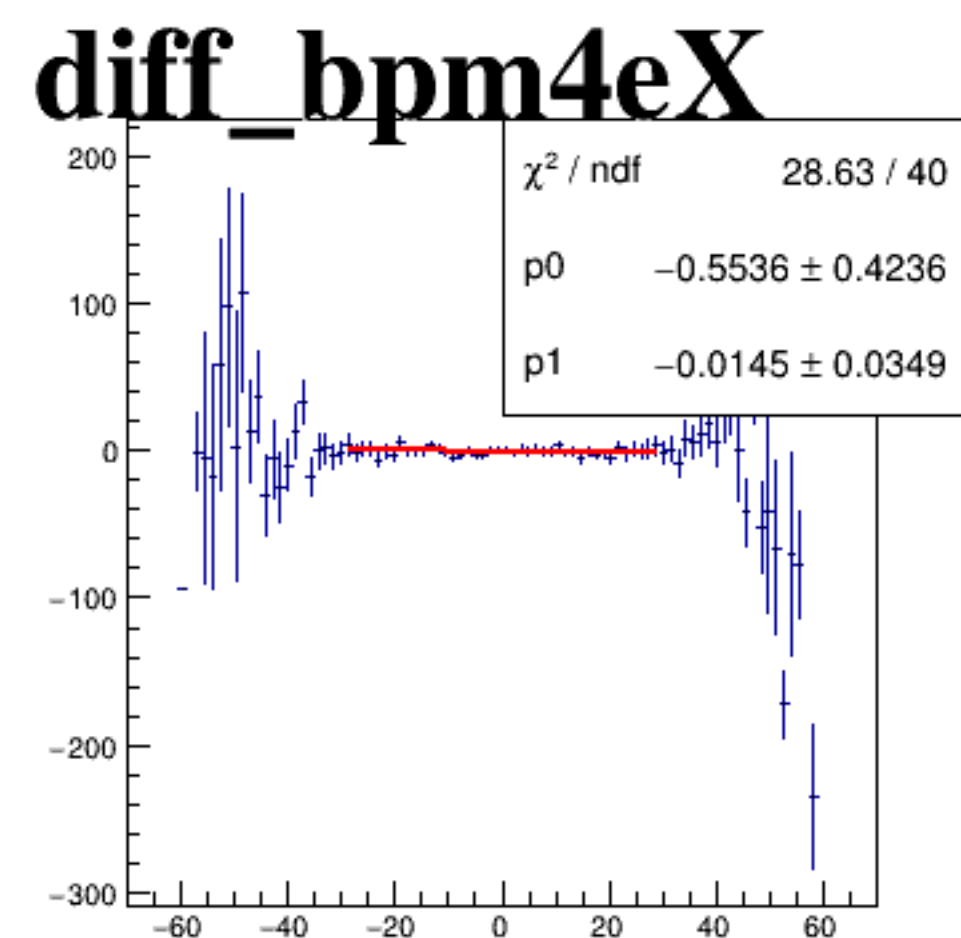
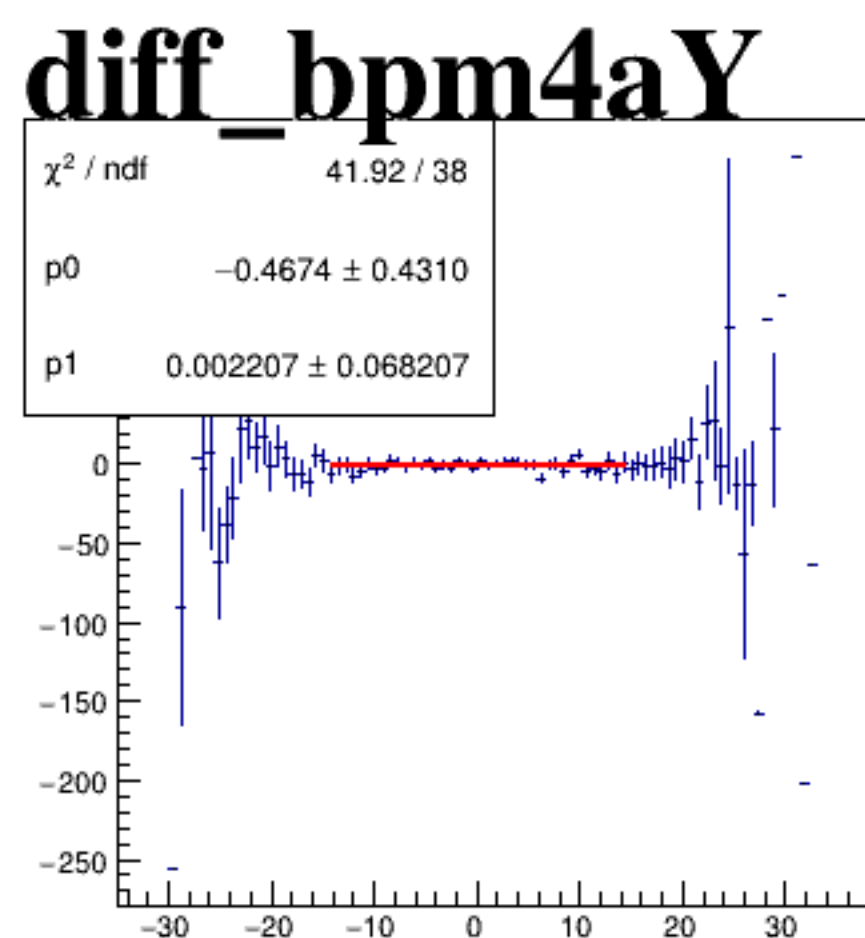
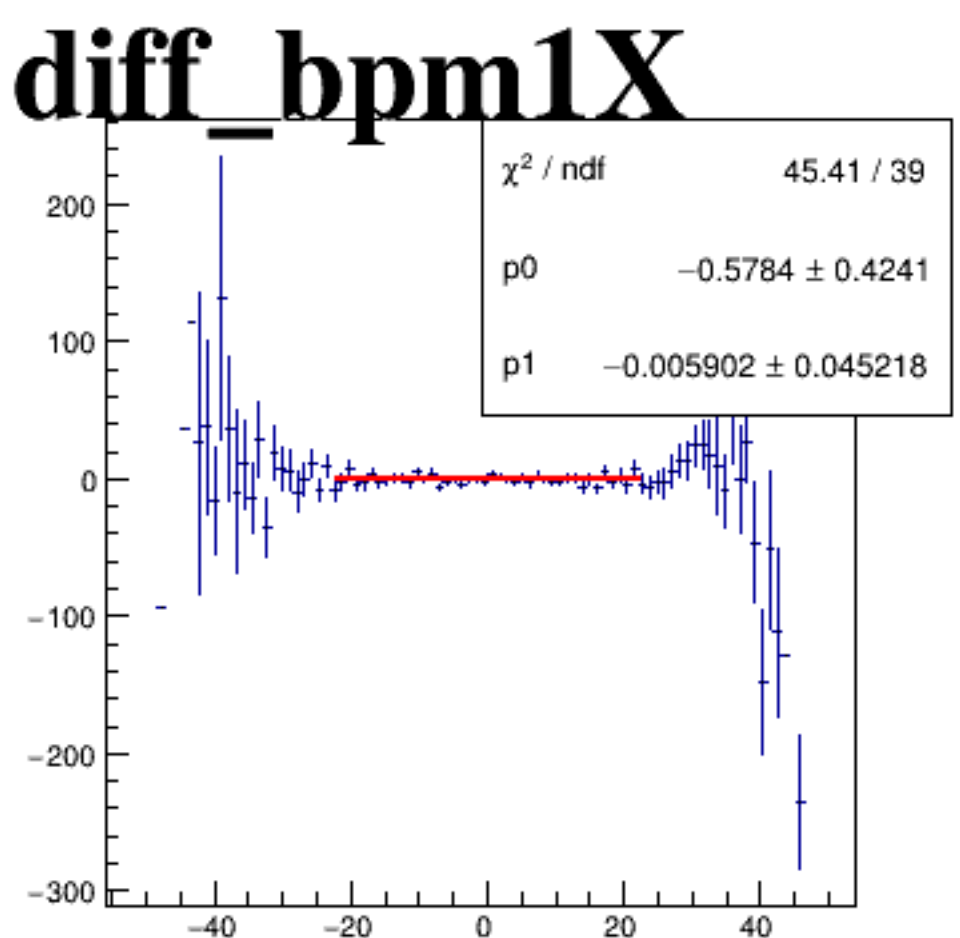
reg\_asym\_sam2



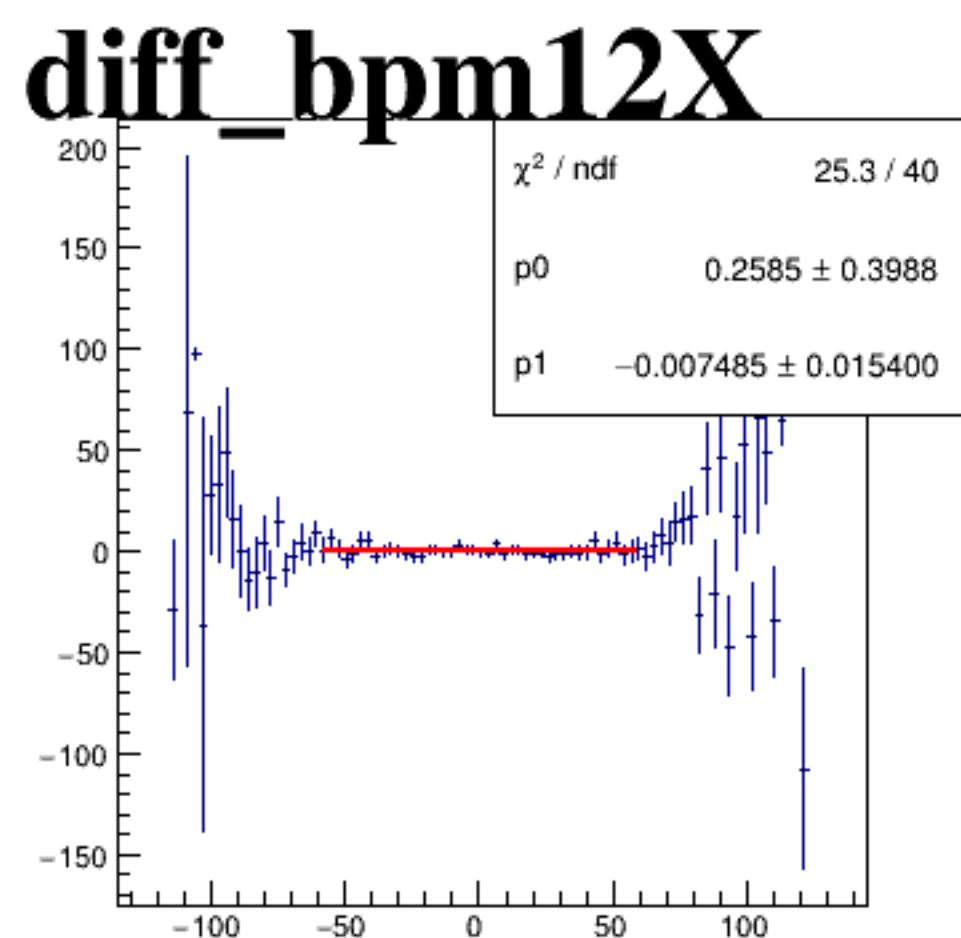
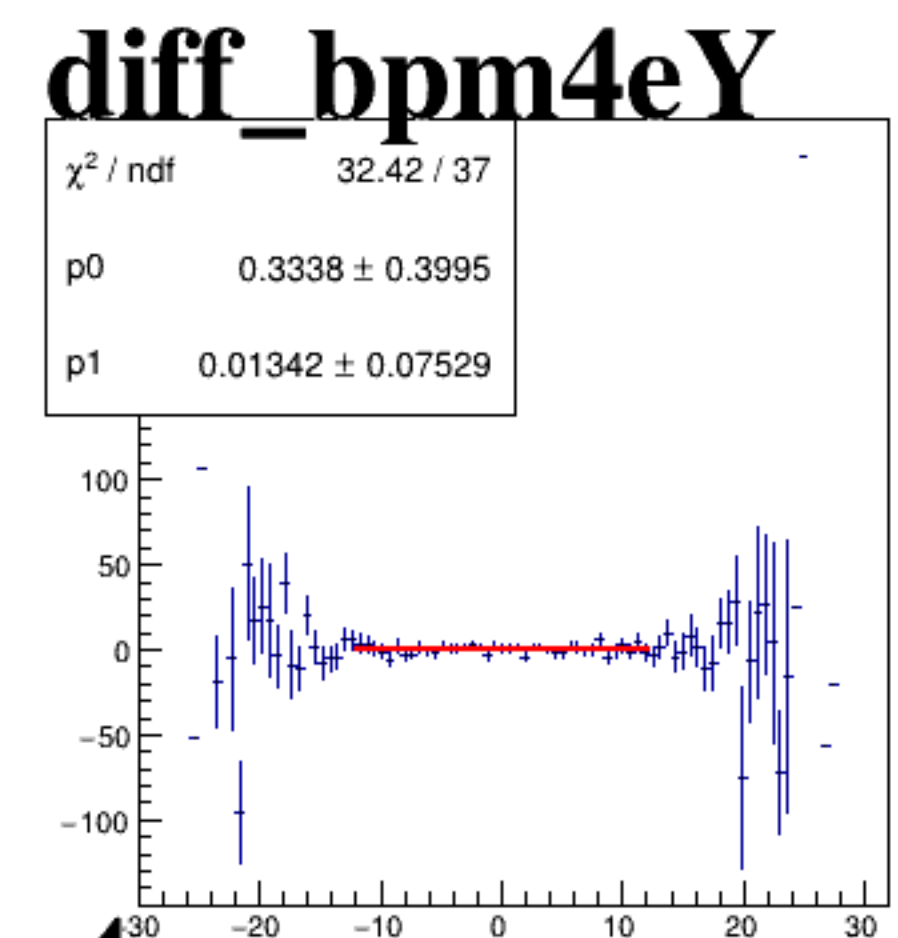
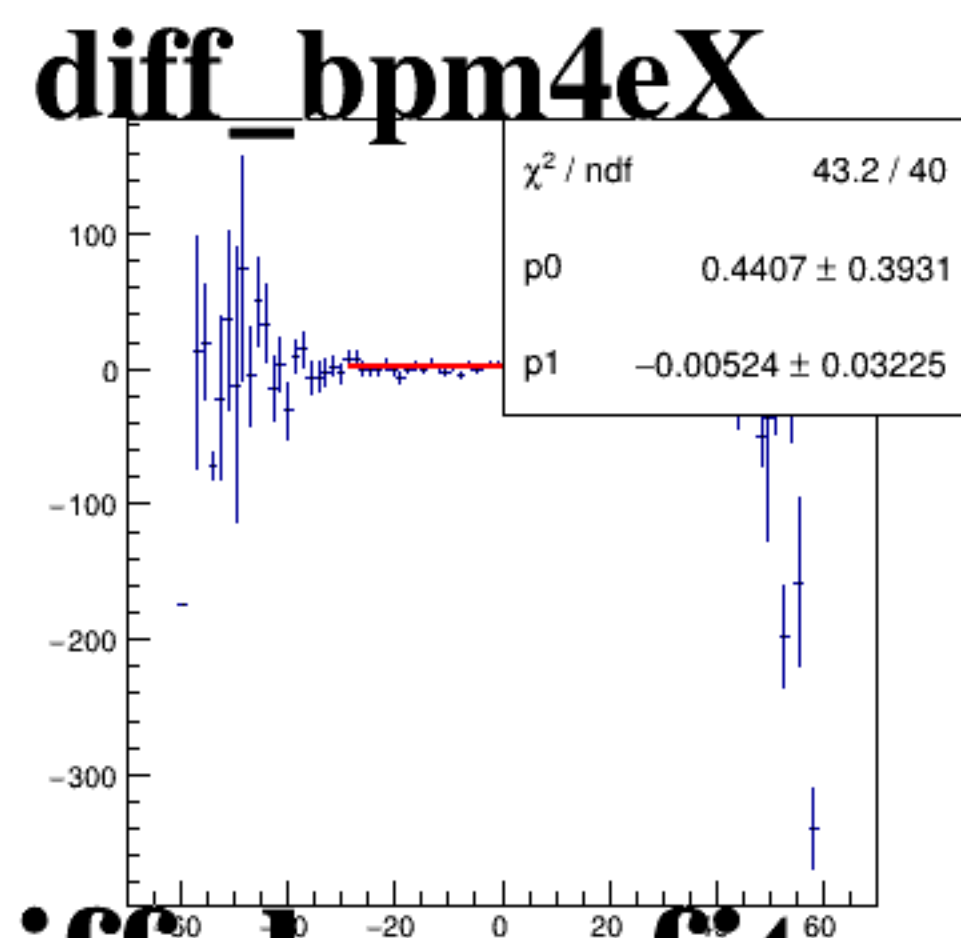
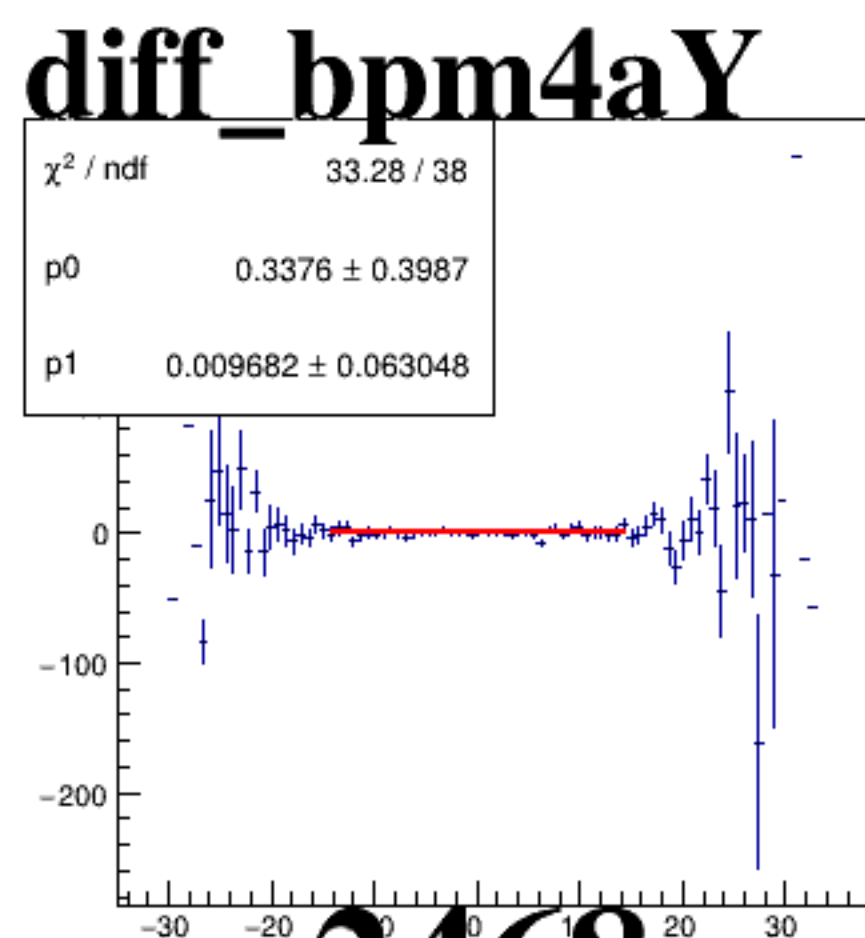
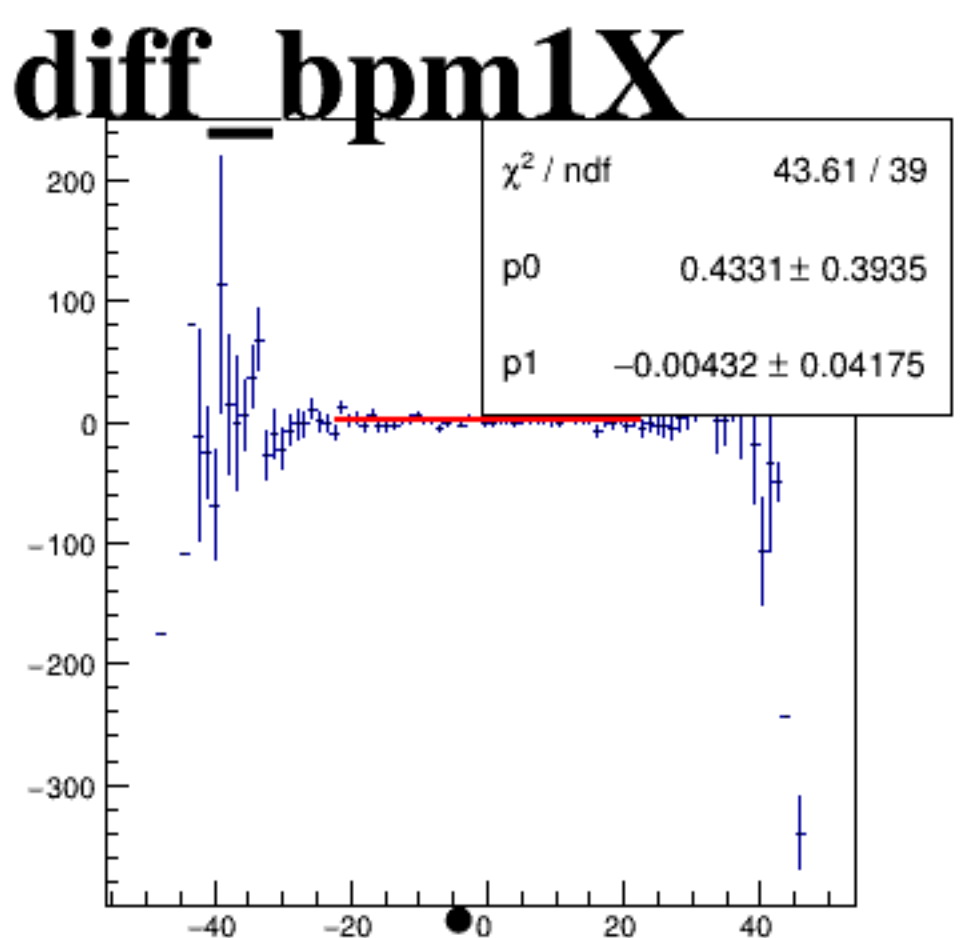
reg\_asym\_sam4



reg\_asym\_sam6

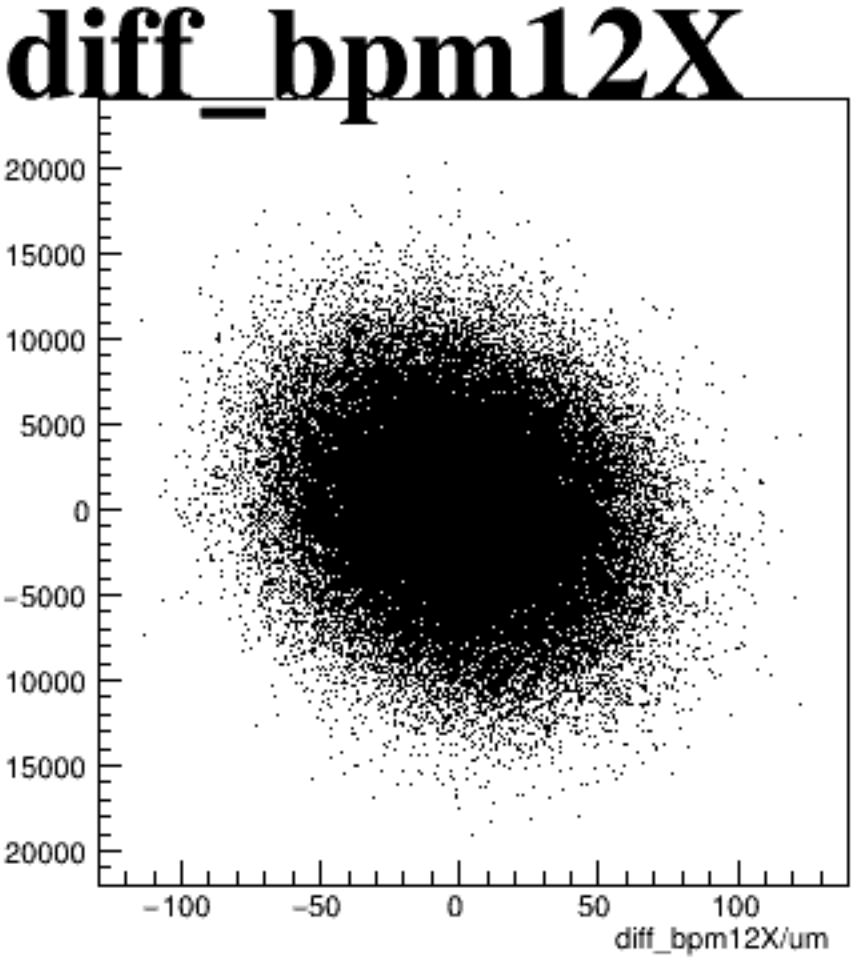
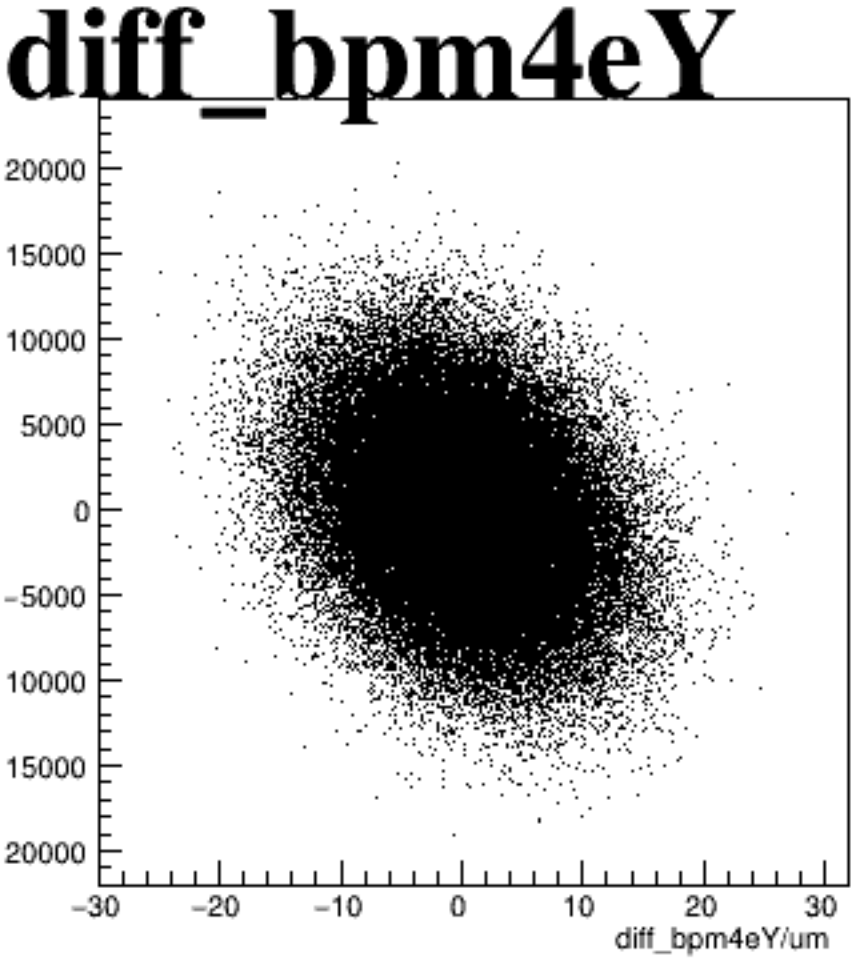
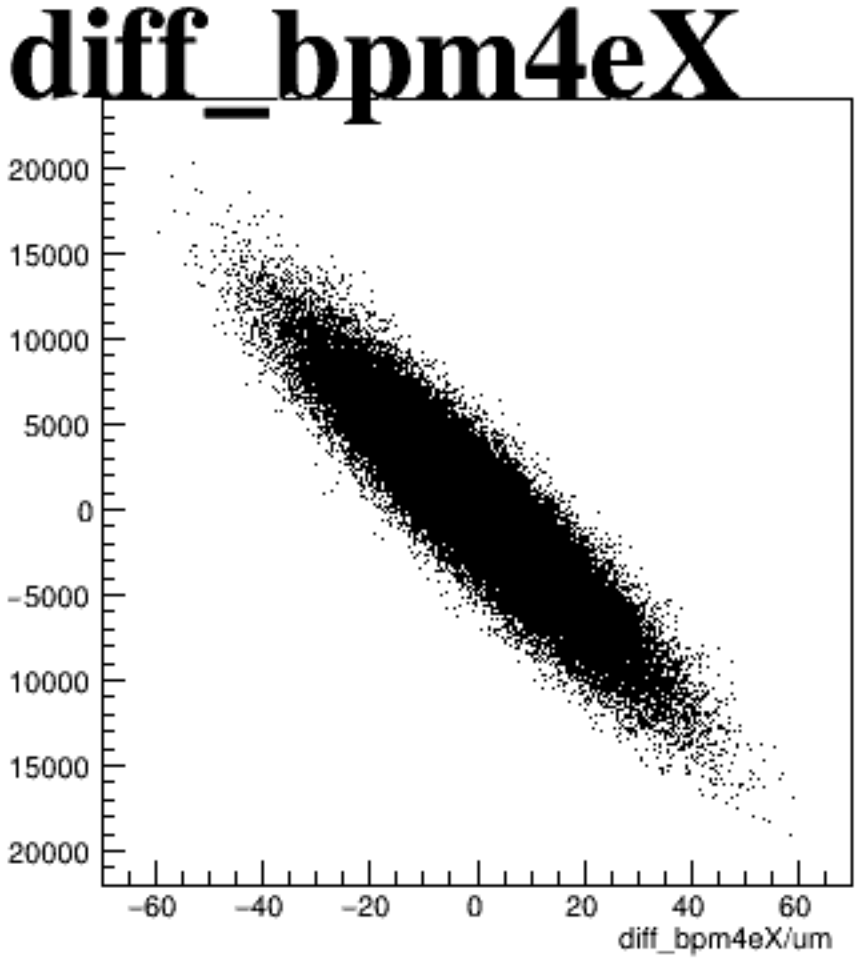
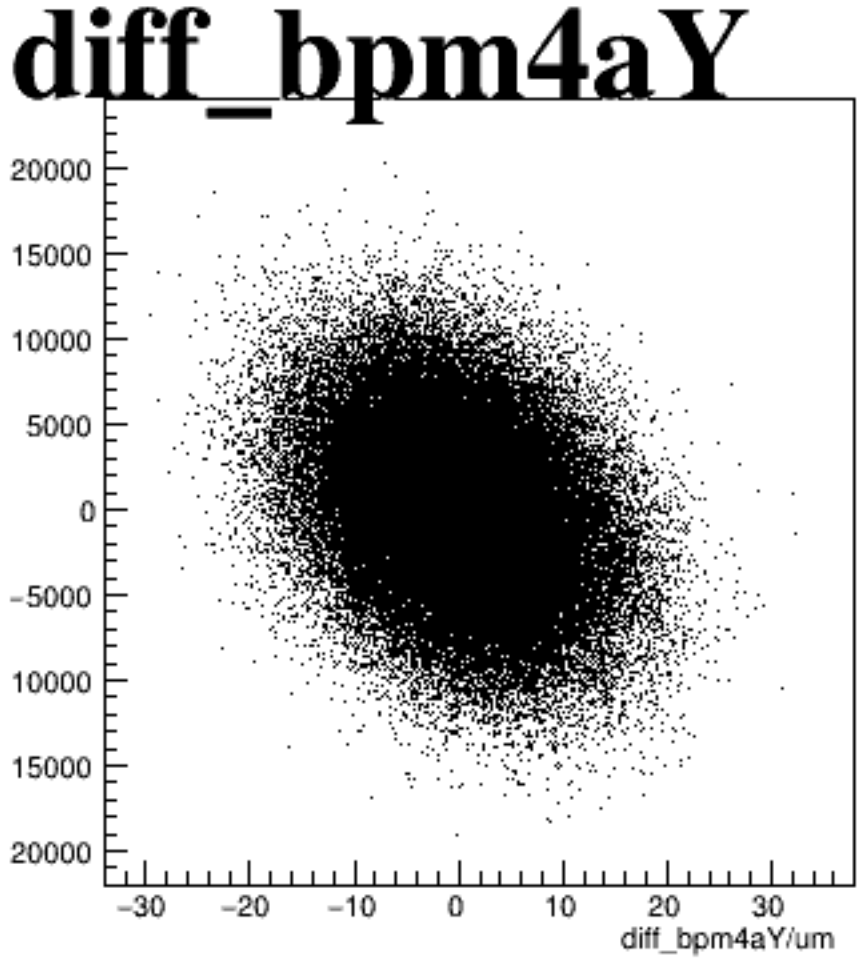
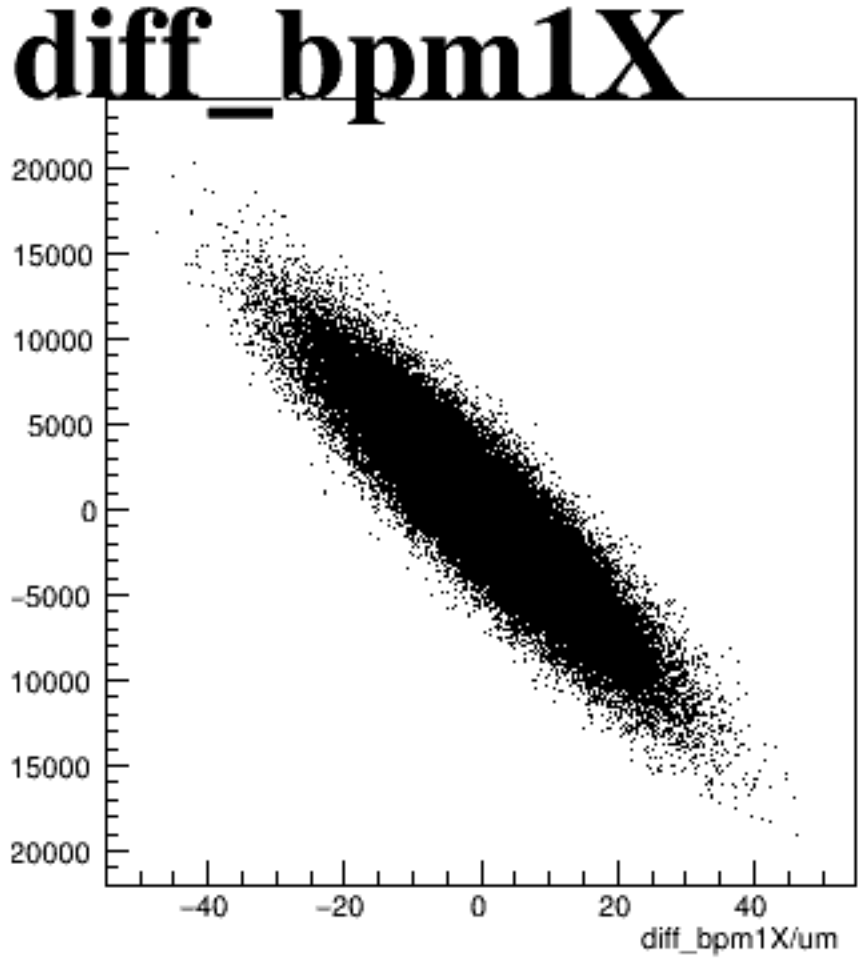


reg\_asym\_sam8

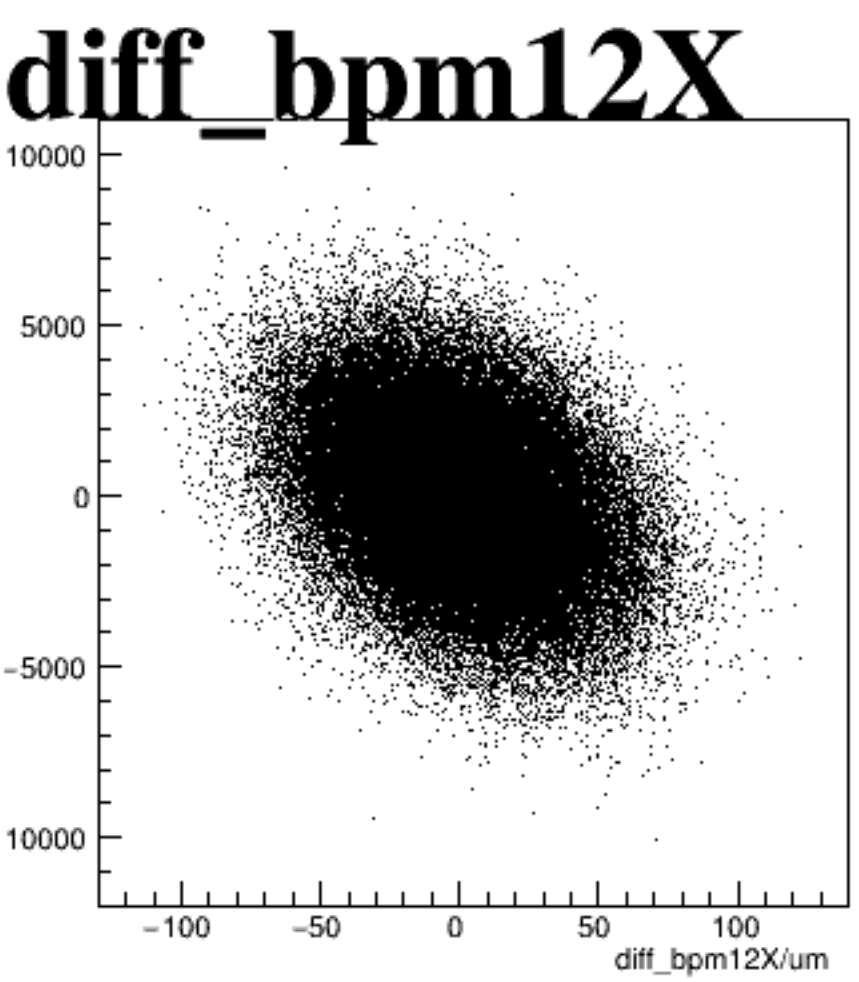
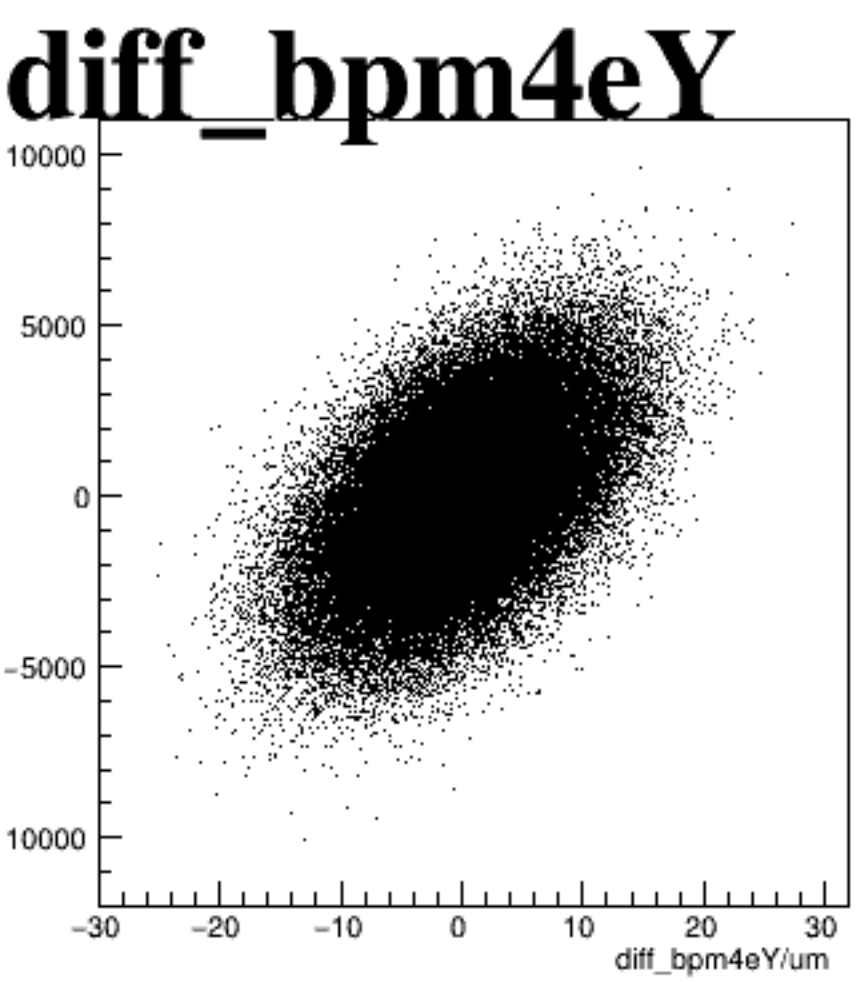
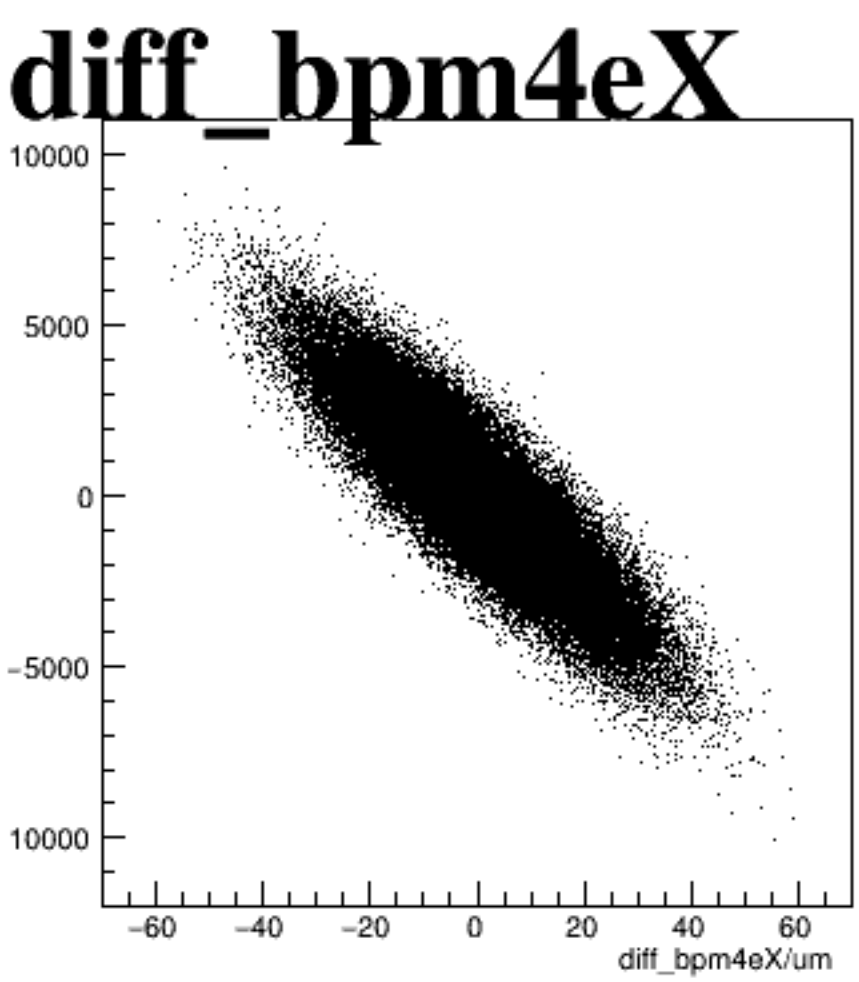
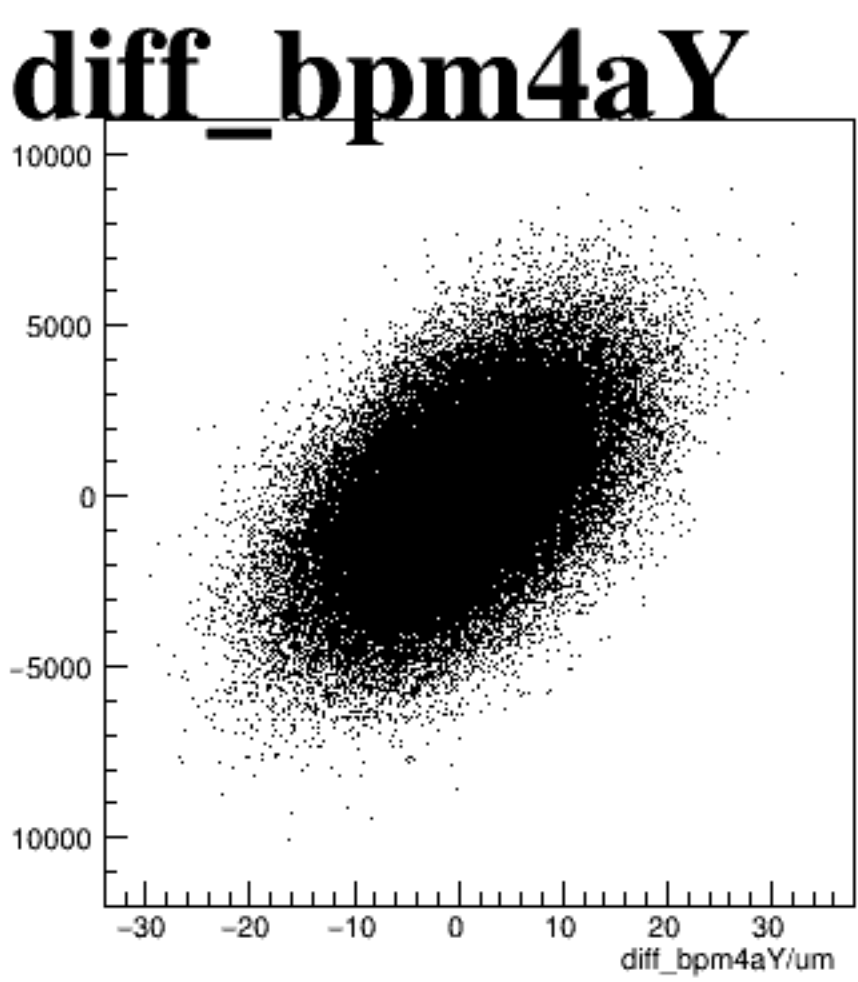
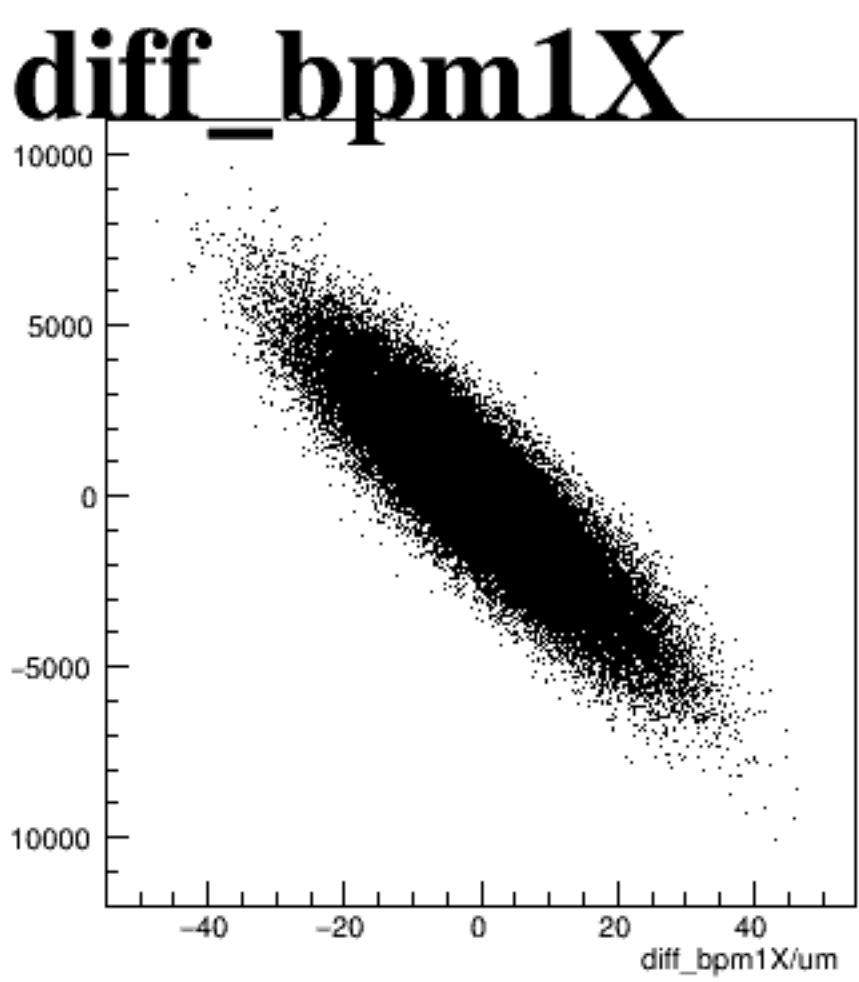




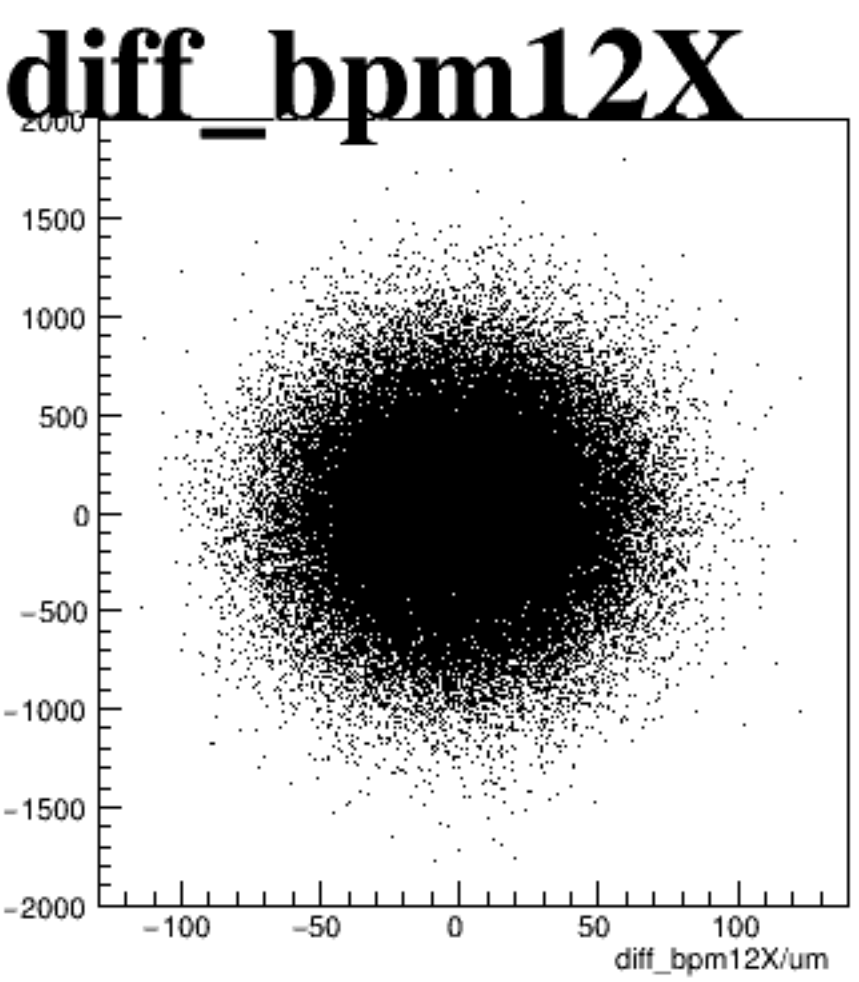
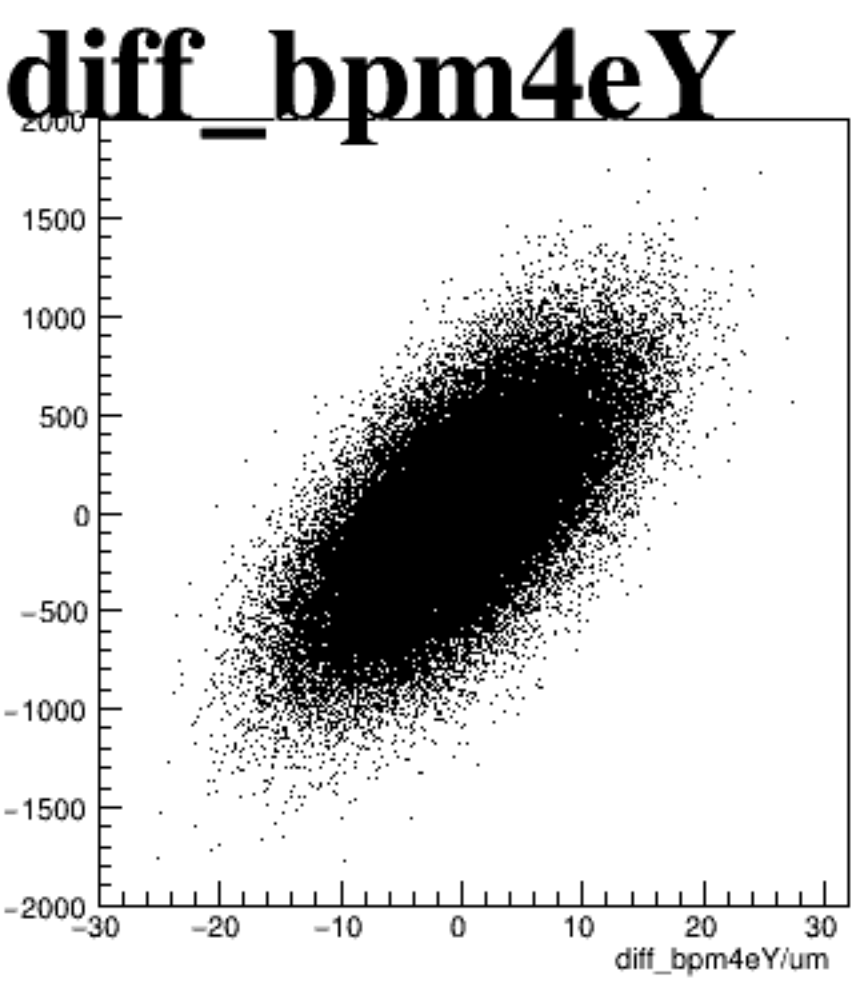
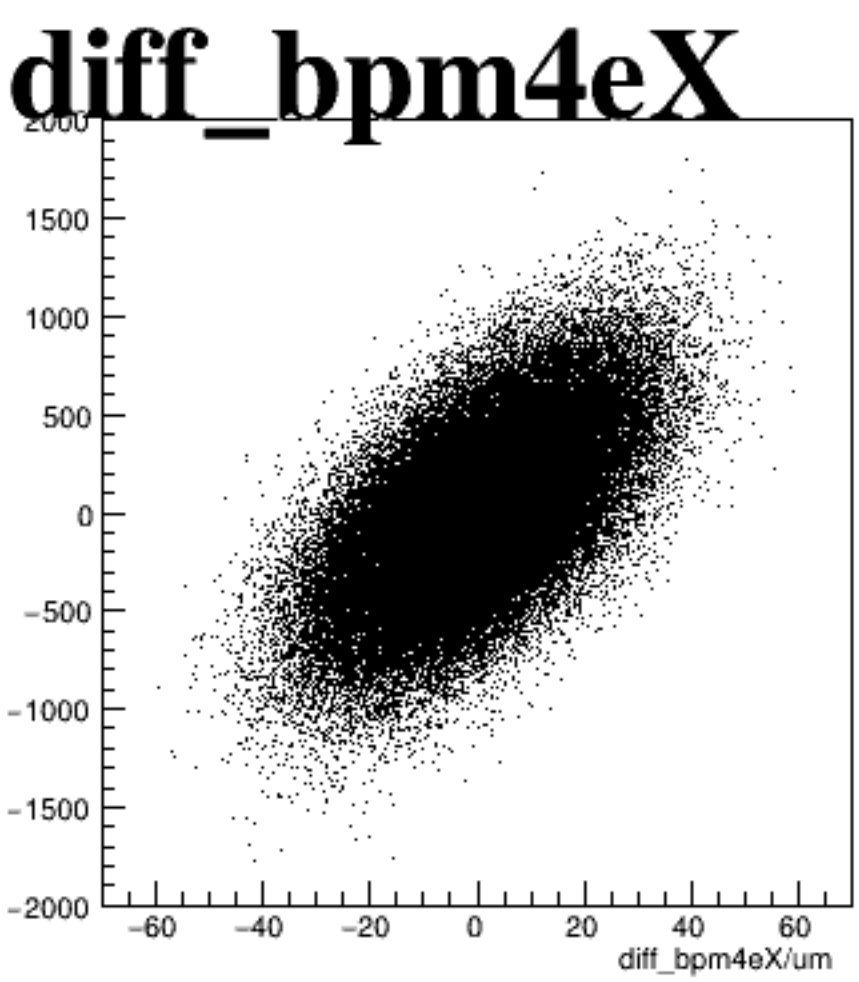
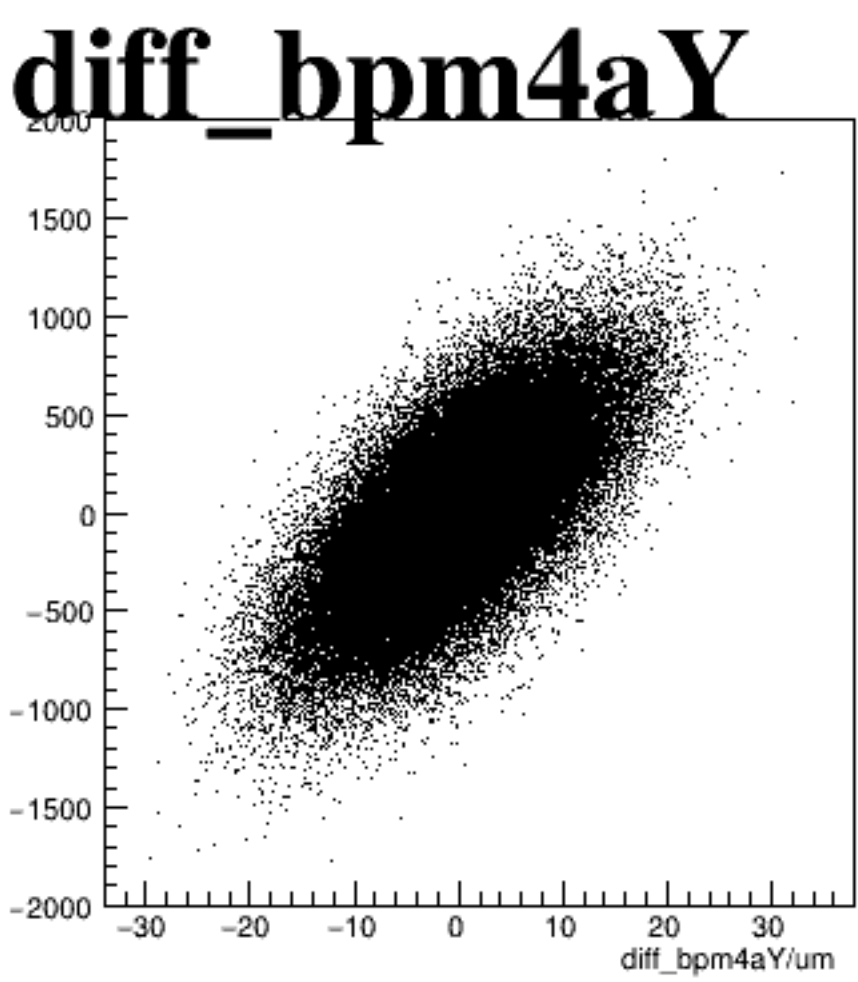
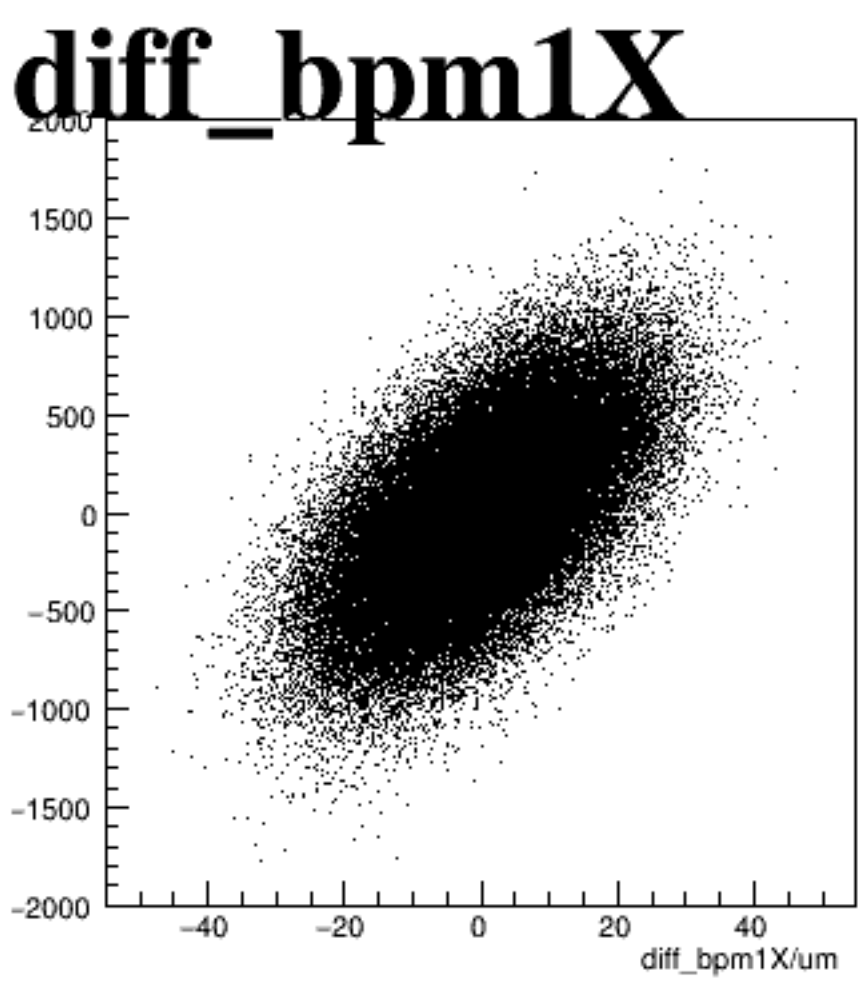
asym\_sam2



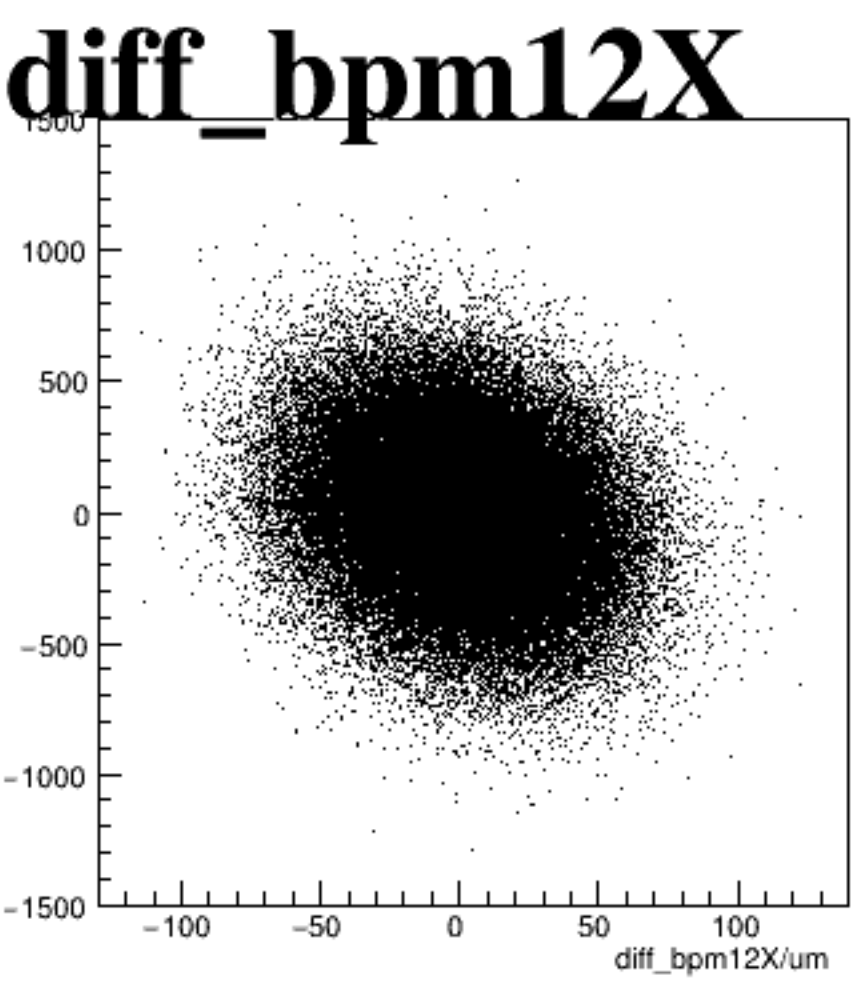
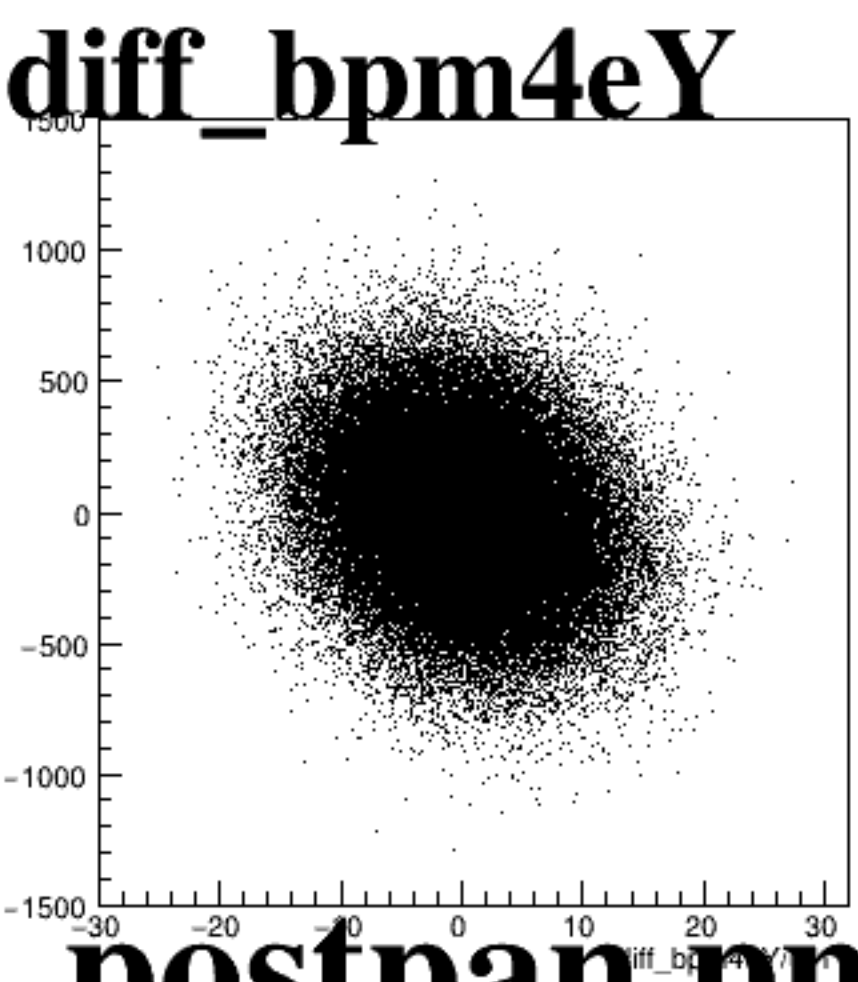
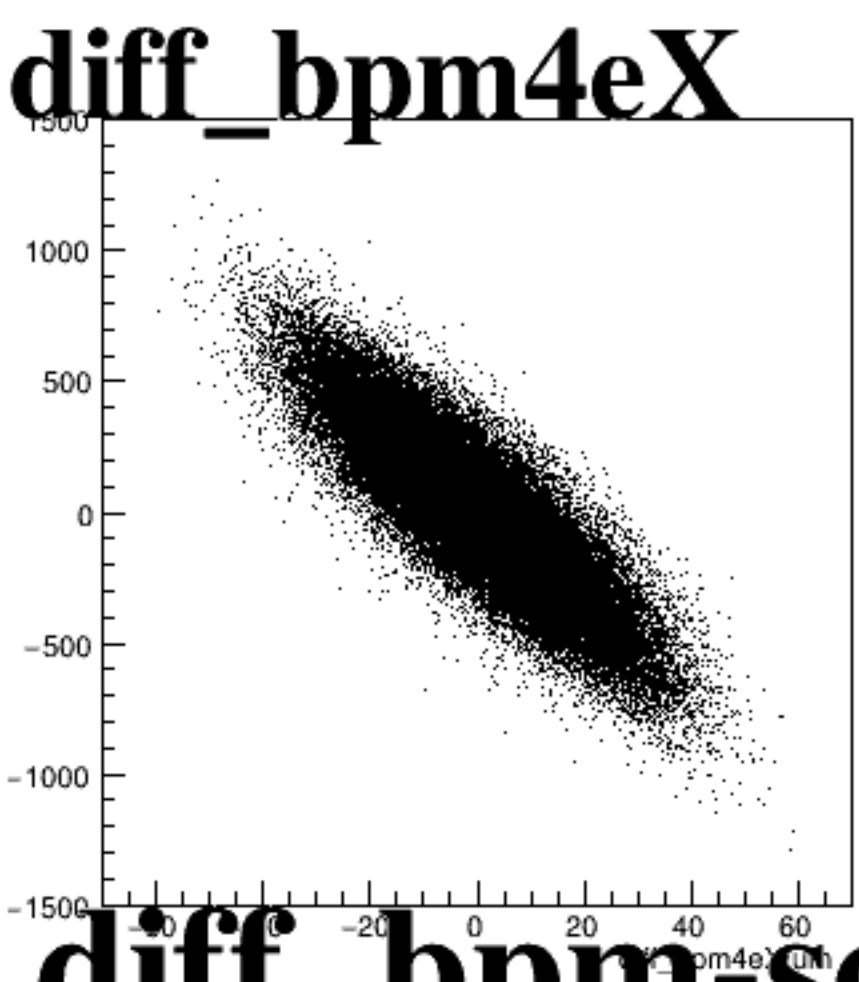
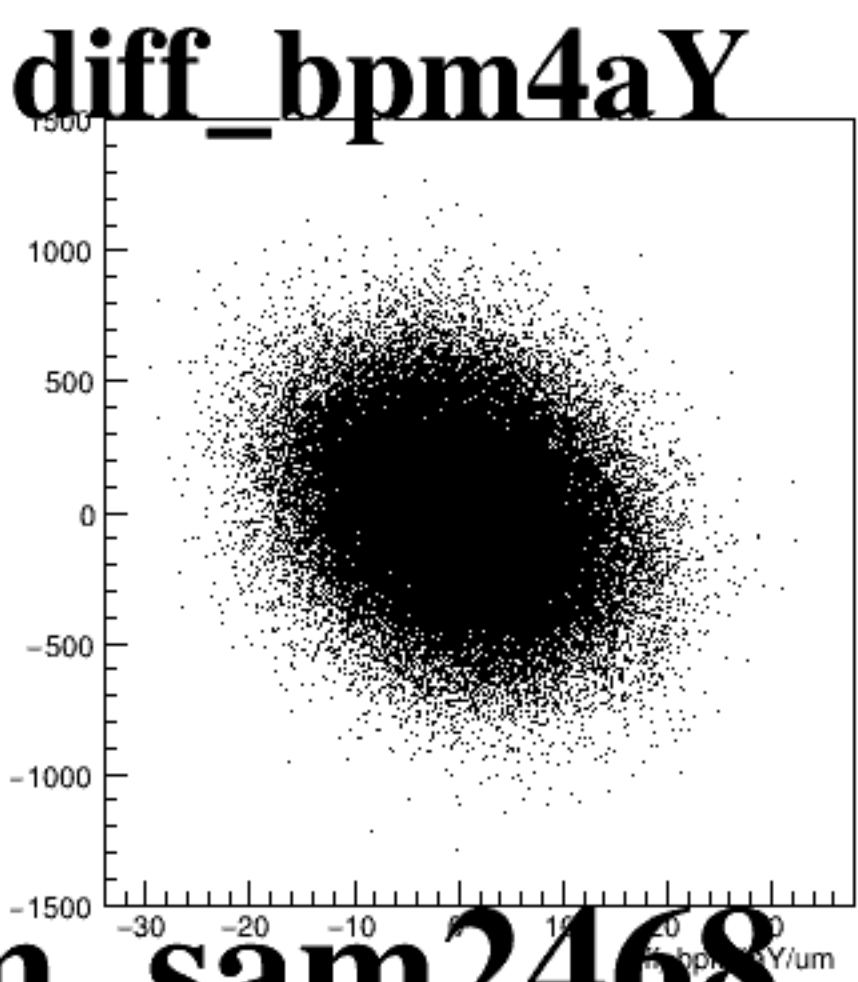
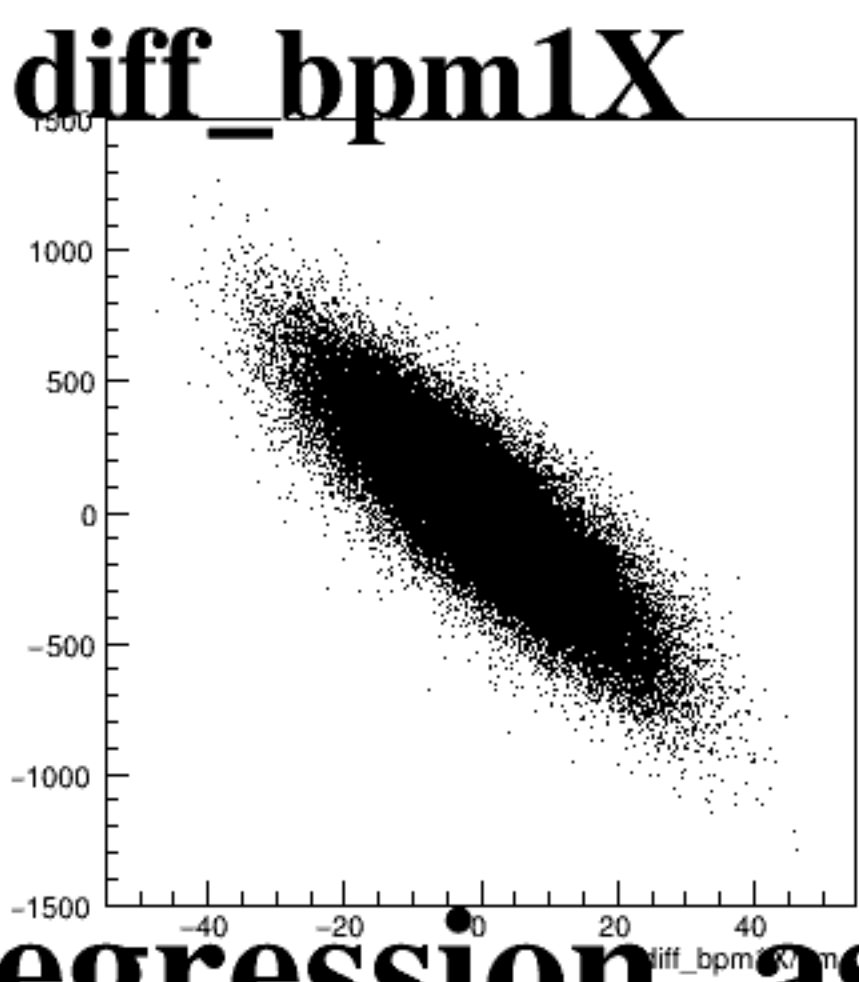
asym\_sam4



asym\_sam6



asym\_sam8





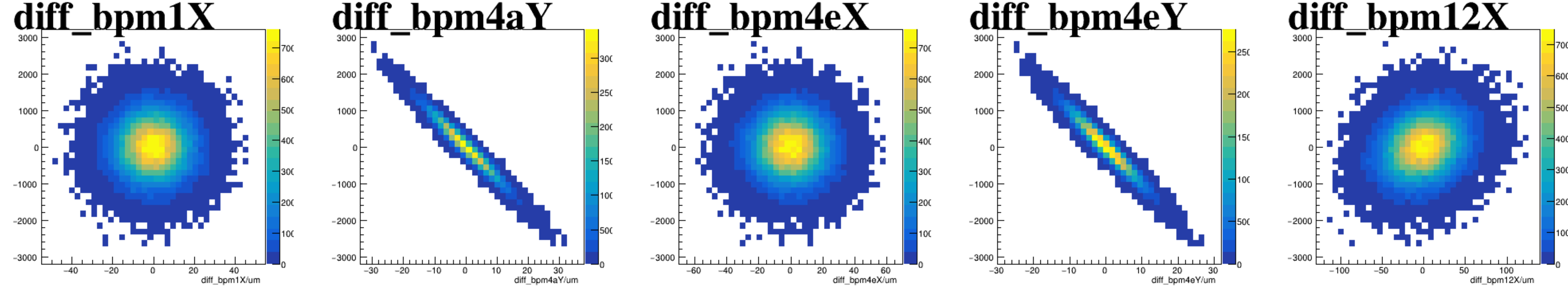
The figure displays five scatter plots, each representing the distribution of difference coordinates for a specific BPM. The y-axis for all plots ranges from -1500 to 2000. The x-axis labels and ranges are as follows:

- diff\_bpm1X**: x-axis ranges from -40 to 40.
- diff\_bpm4aY**: x-axis ranges from -30 to 30.
- diff\_bpm4eX**: x-axis ranges from -60 to 60.
- diff\_bpm4eY**: x-axis ranges from -30 to 30.
- diff\_bpm12X**: x-axis ranges from -100 to 100.

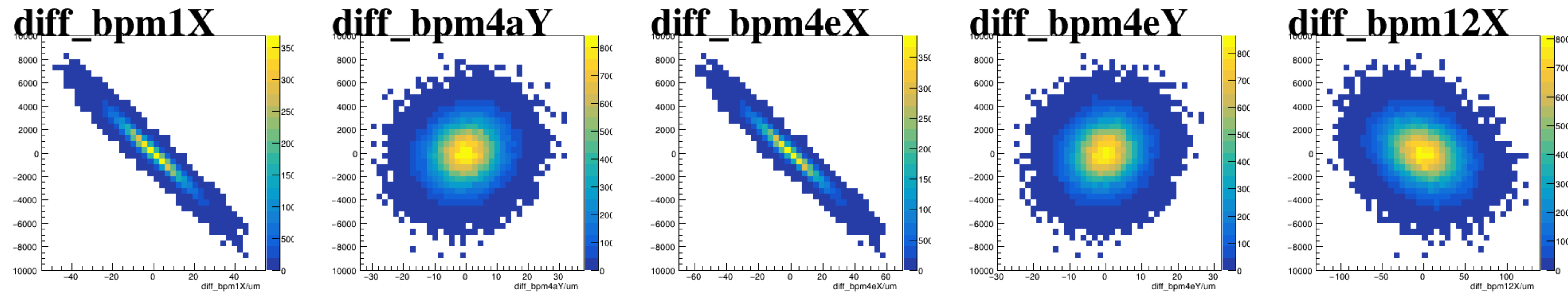
All plots show a dense, roughly circular cloud of points centered at the origin (0,0), indicating a Gaussian-like distribution of the difference coordinates.



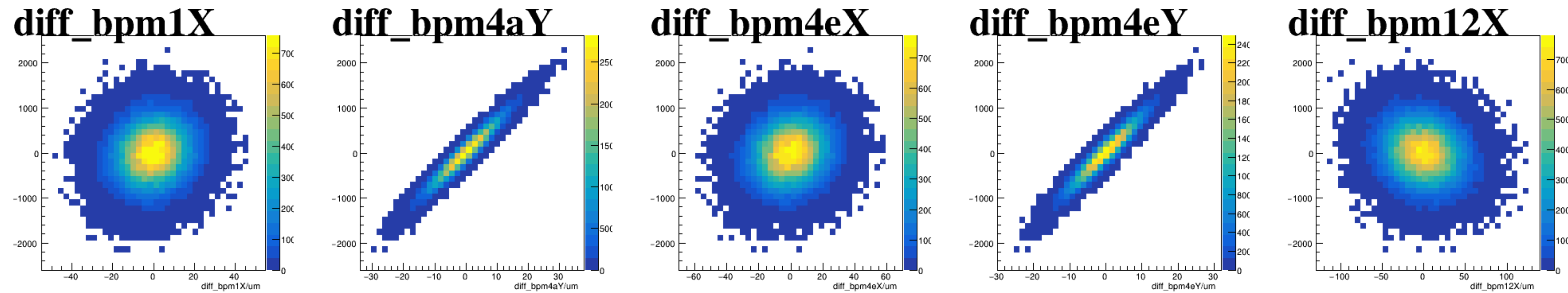
asym\_sam1



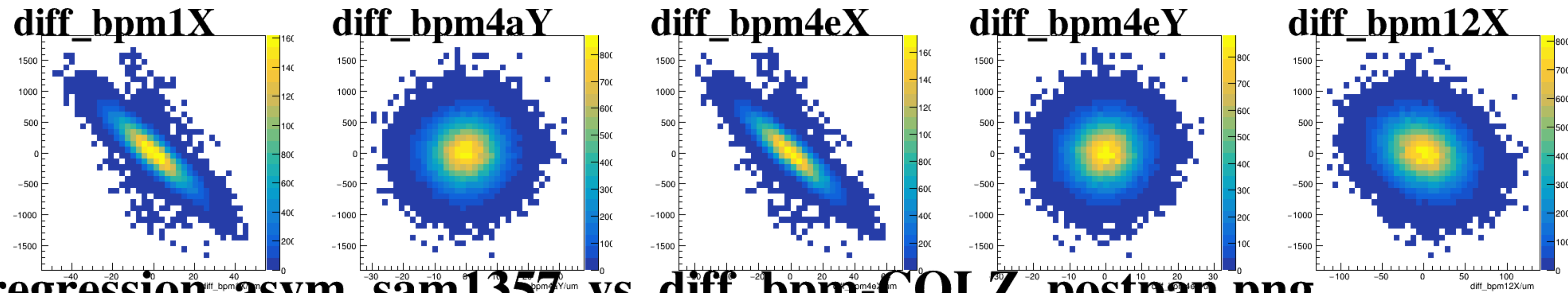
asym\_sam3



asym\_sam5

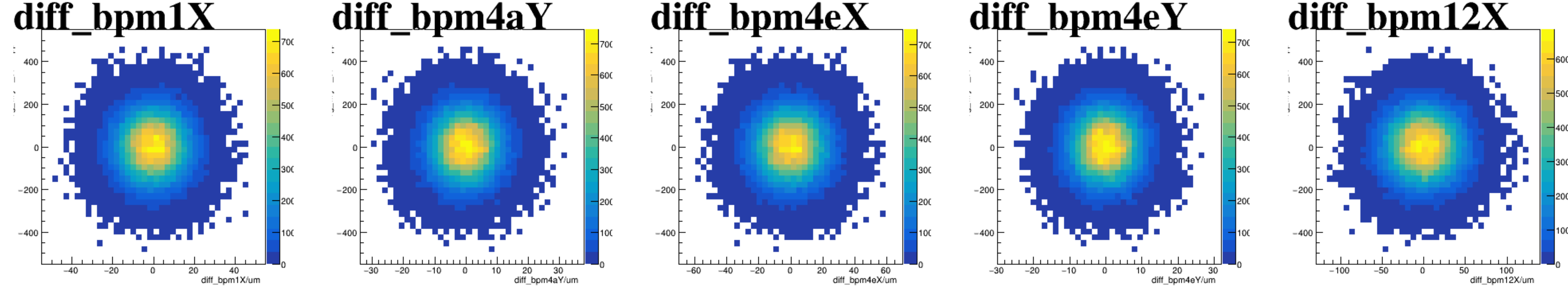


asym\_sam7

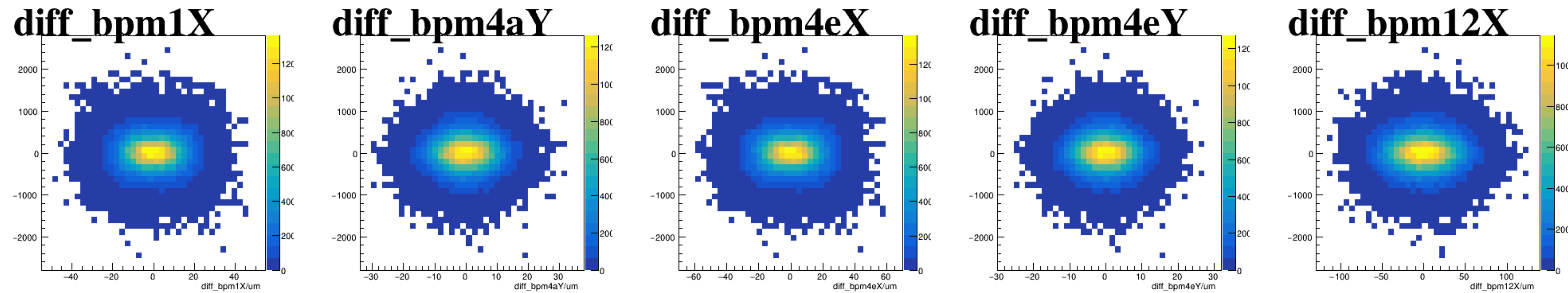




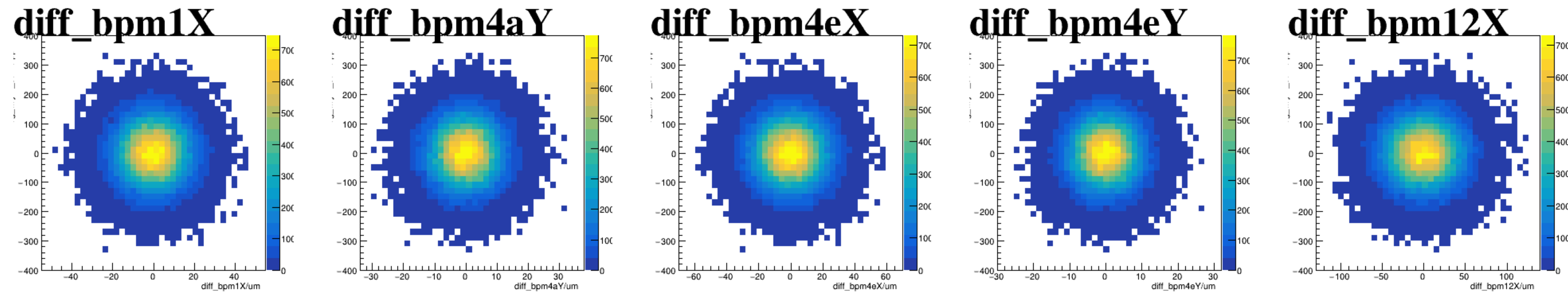
reg\_asym\_sam1



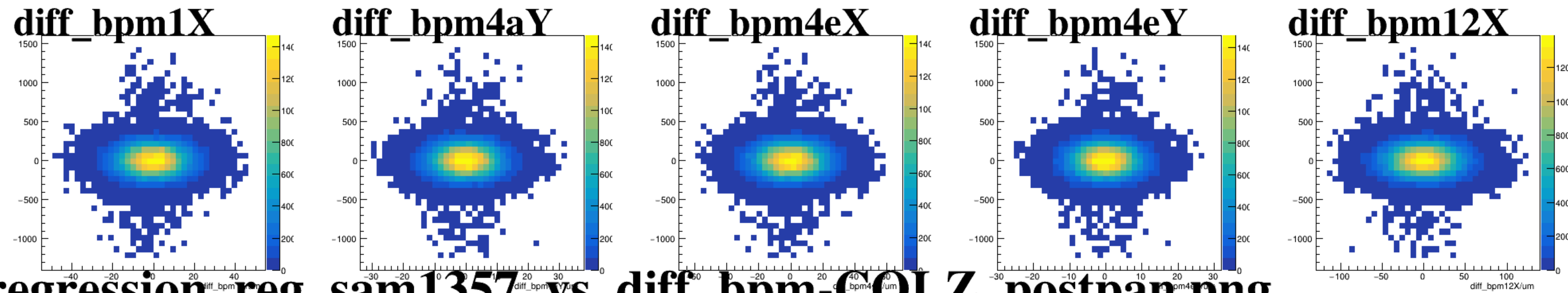
reg\_asym\_sam3



reg\_asym\_sam5

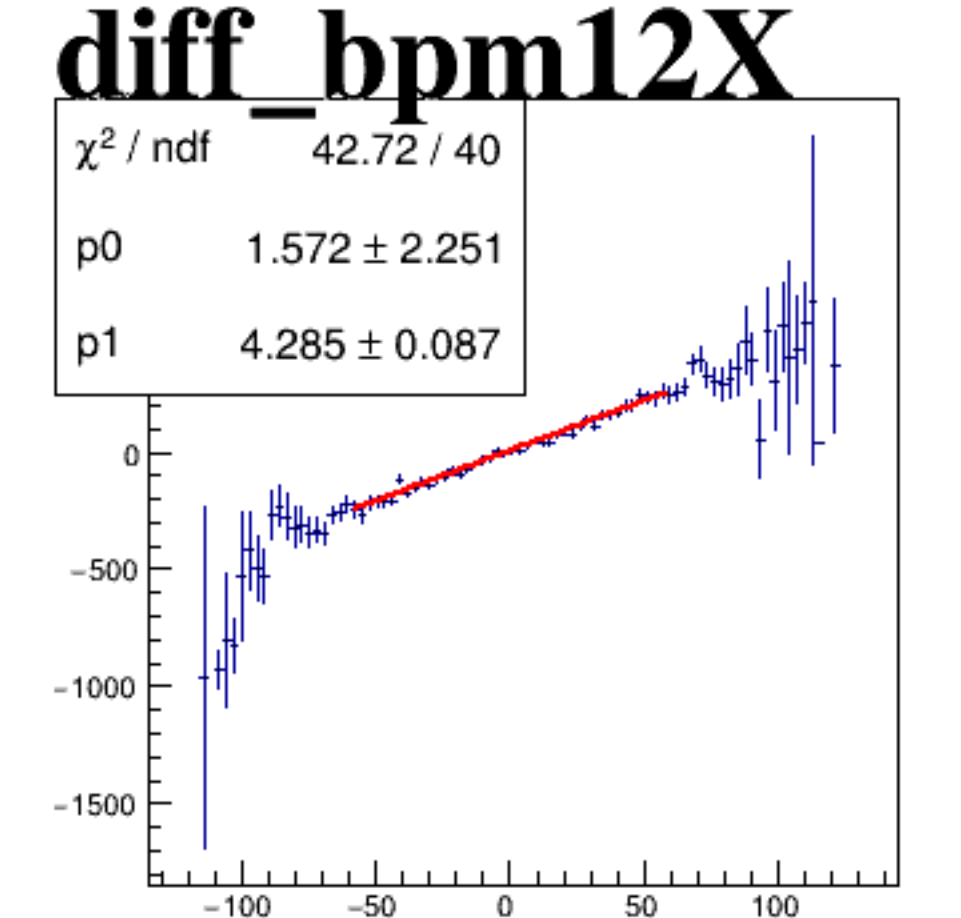
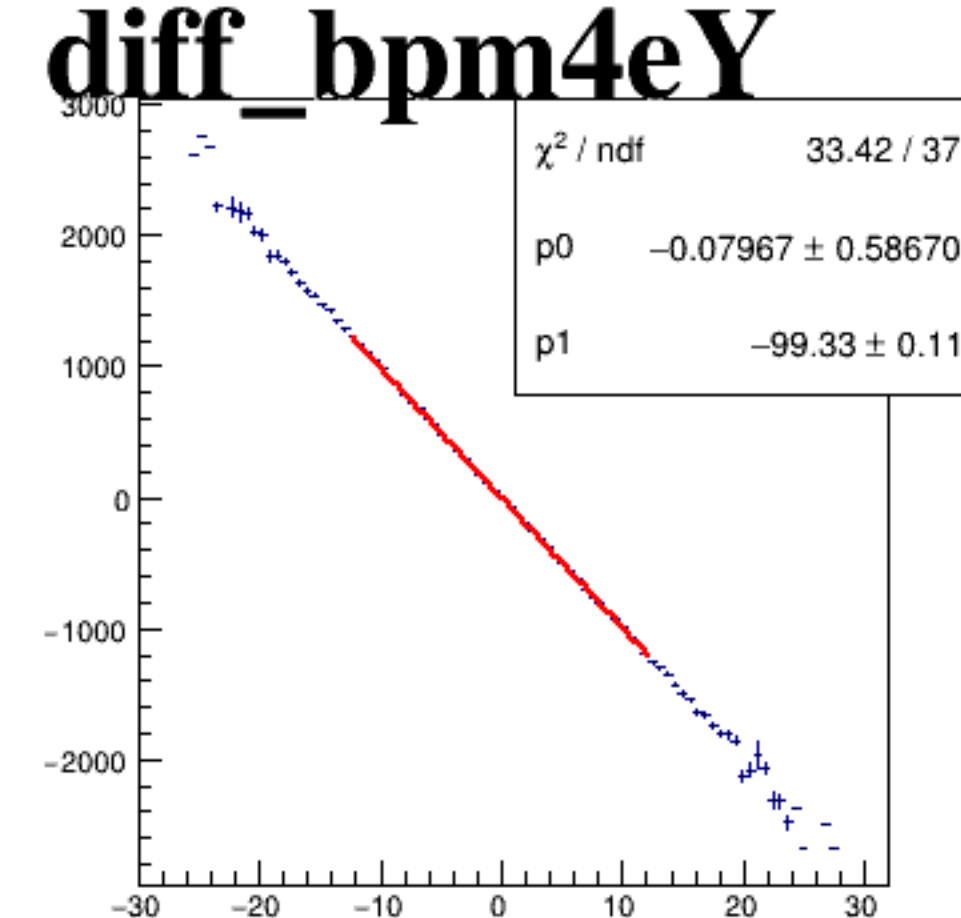
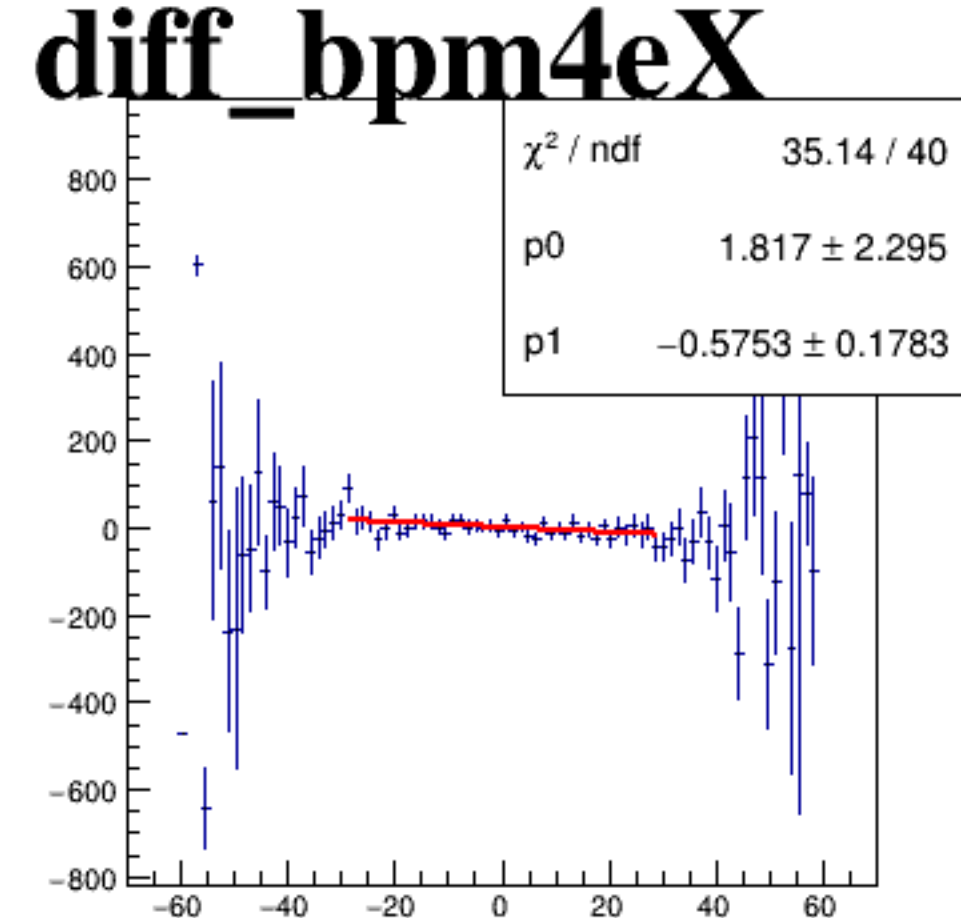
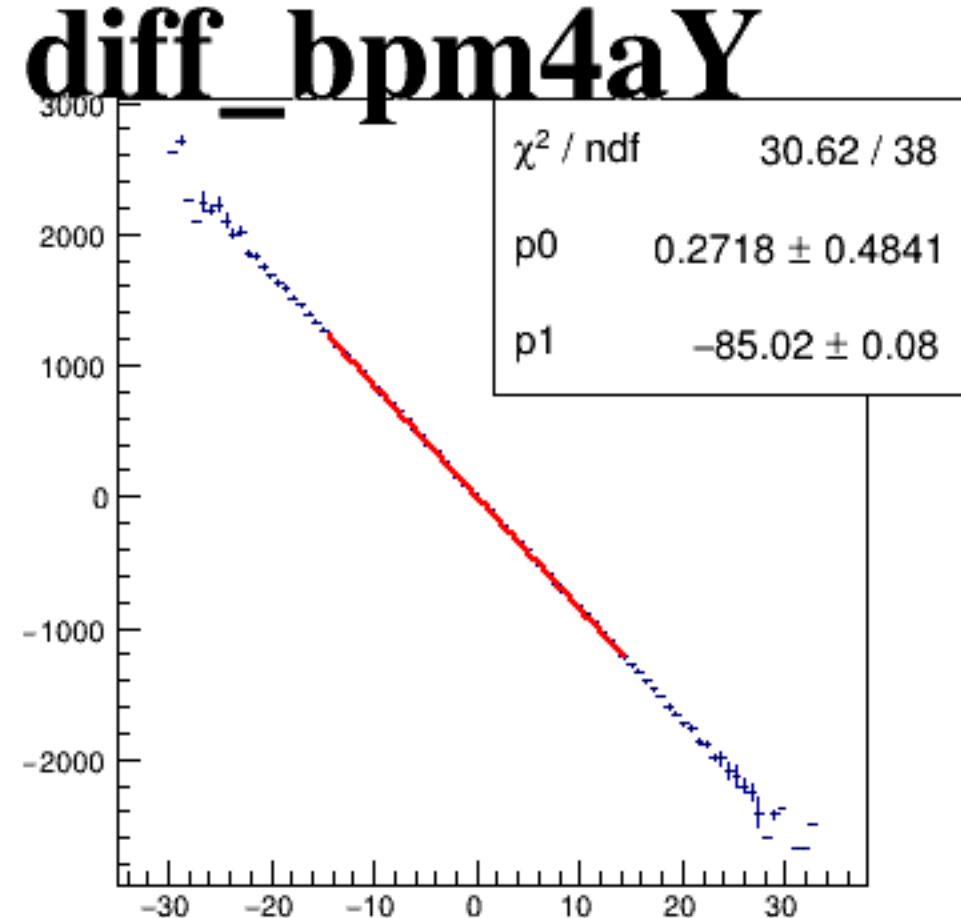
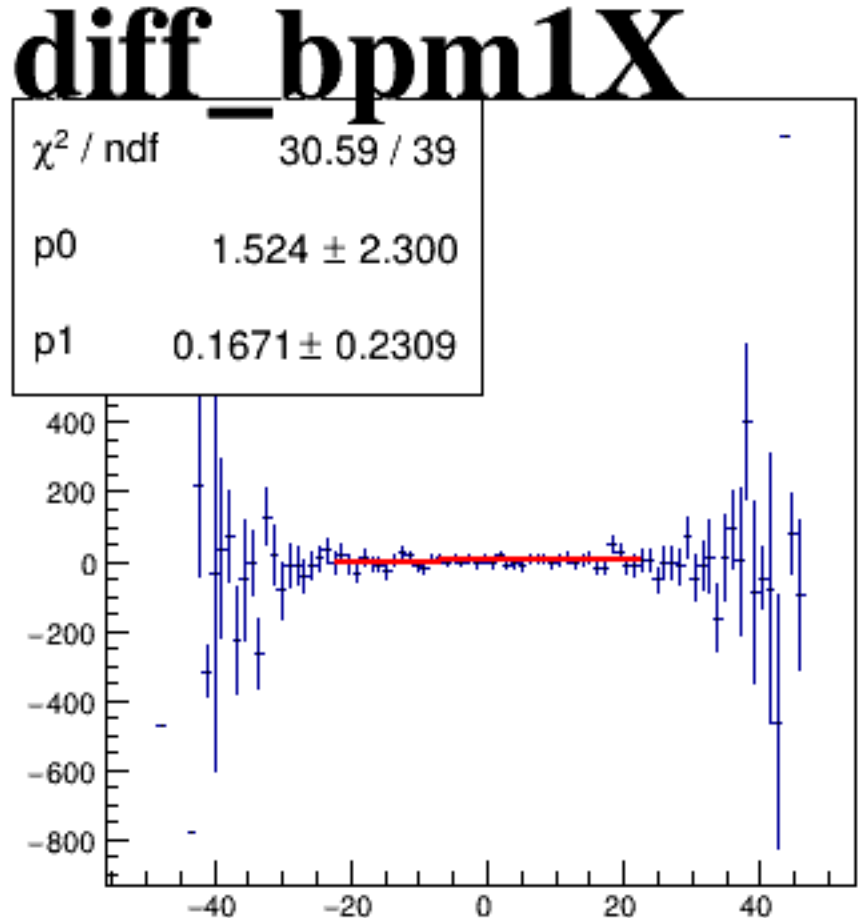


reg\_asym\_sam7

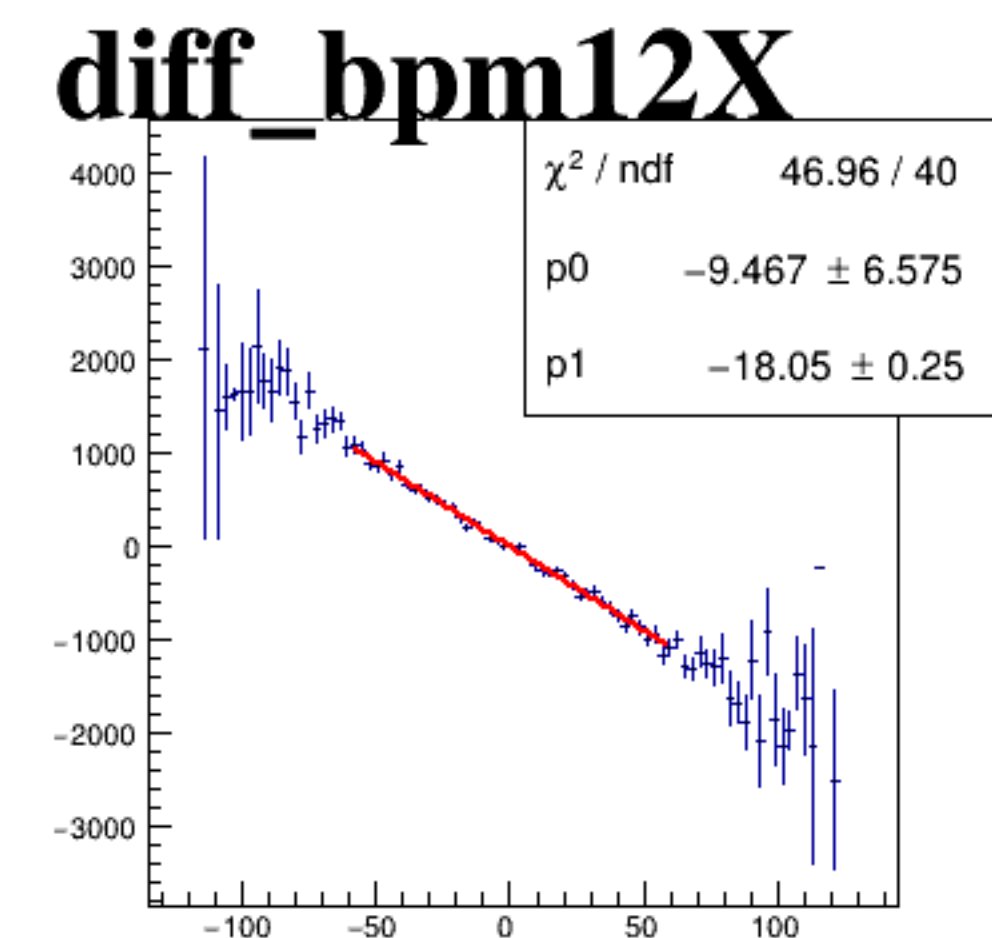
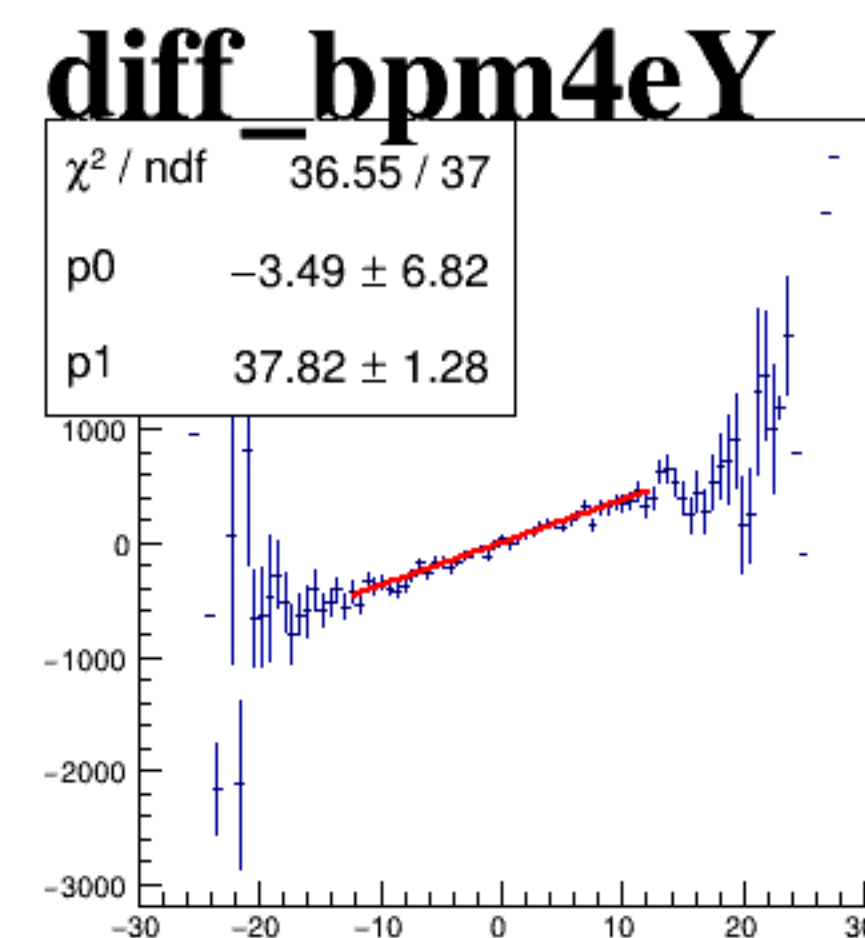
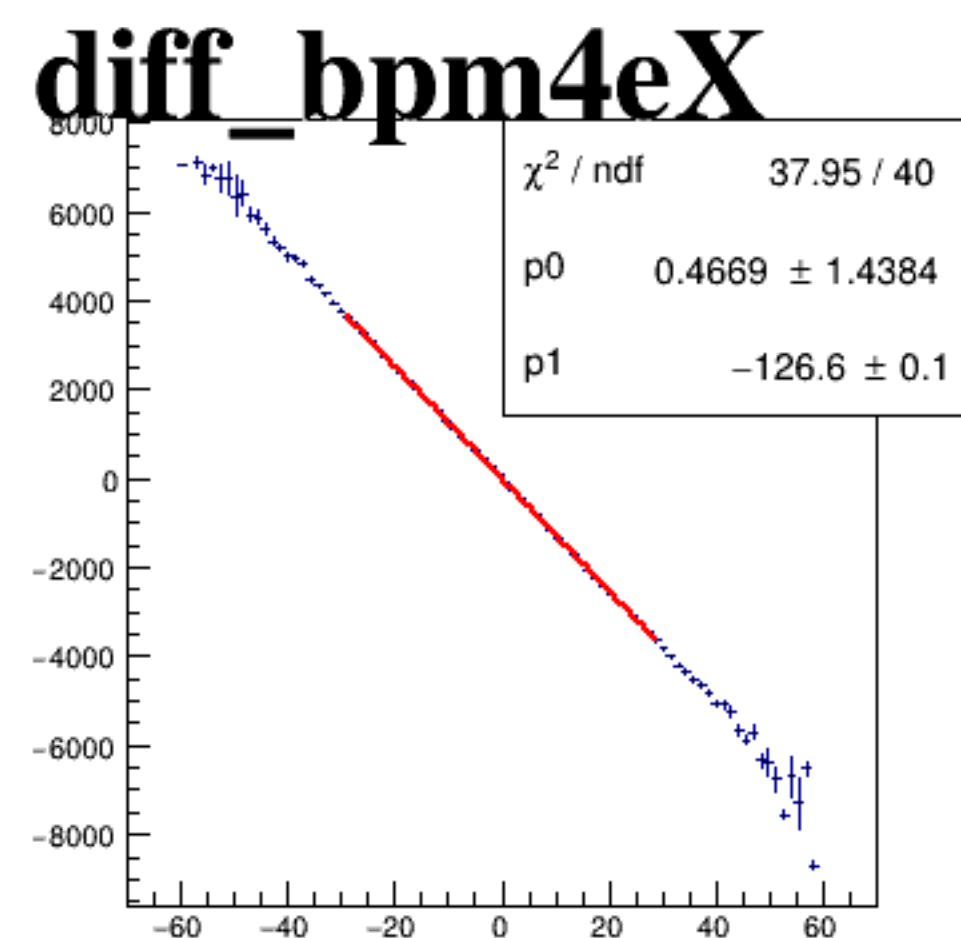
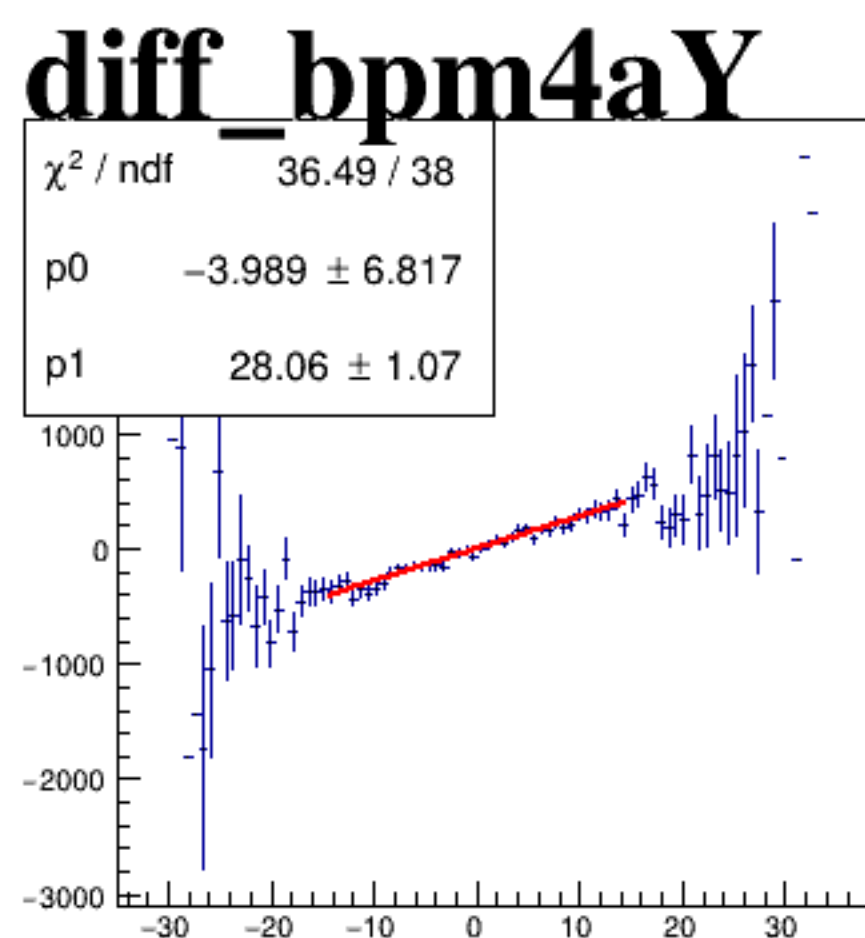
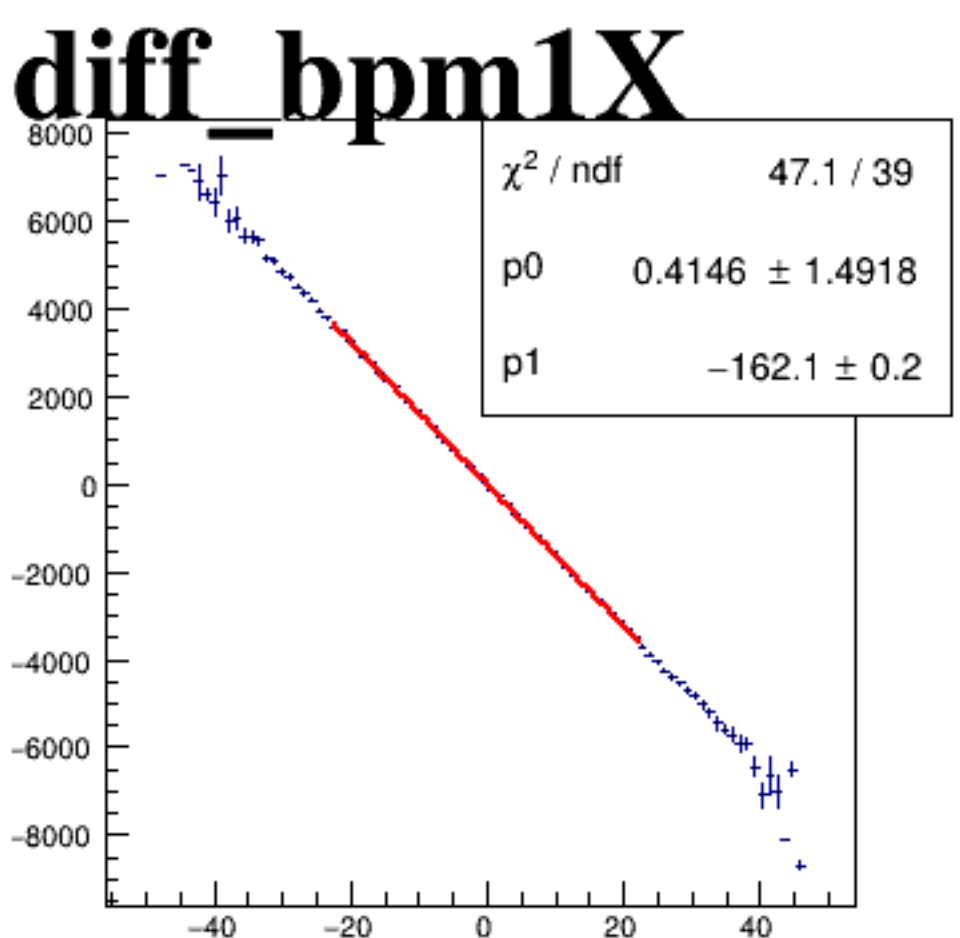




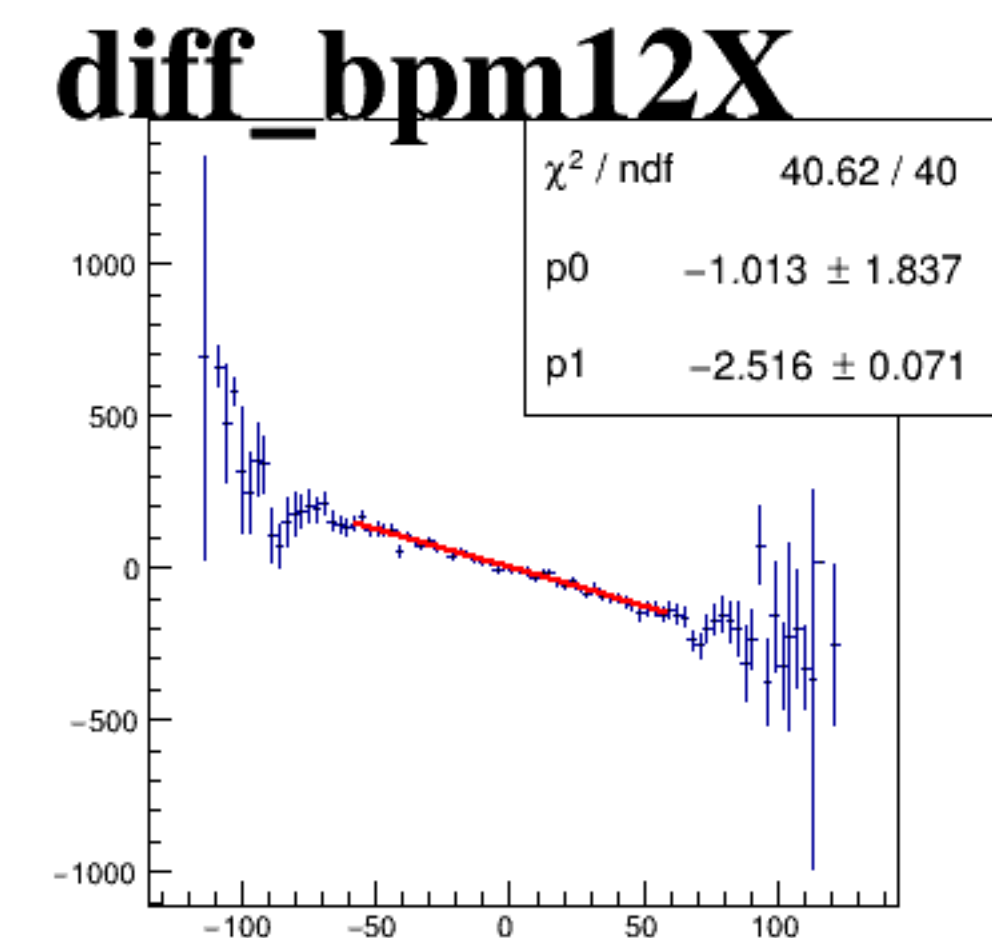
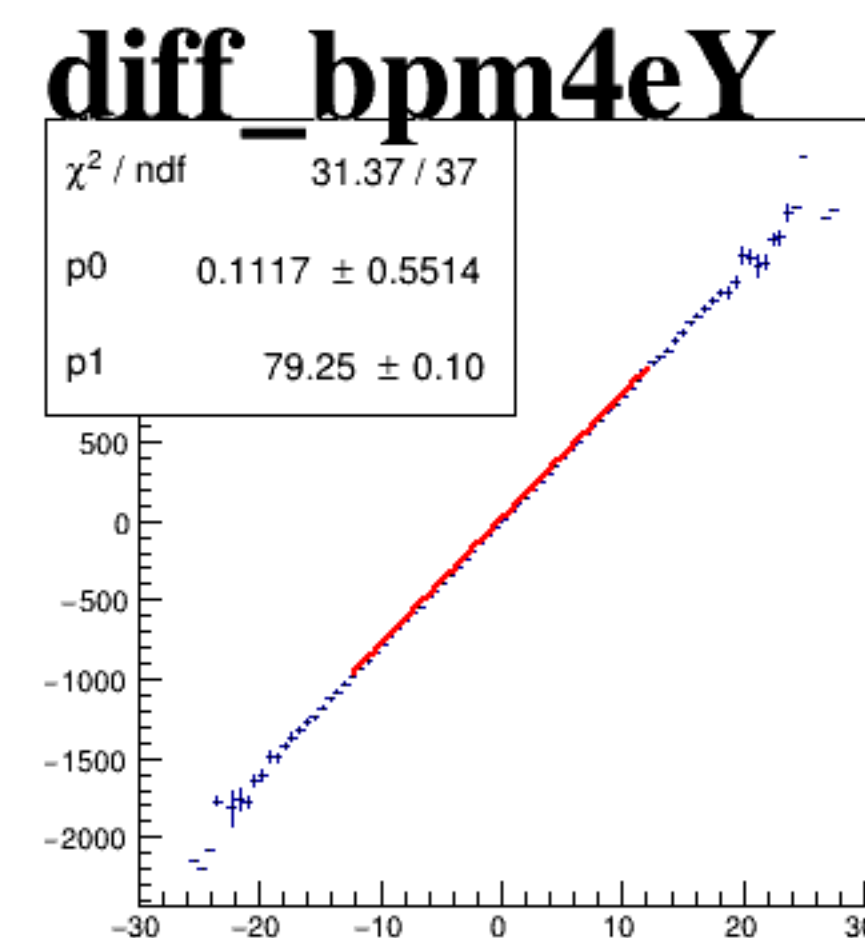
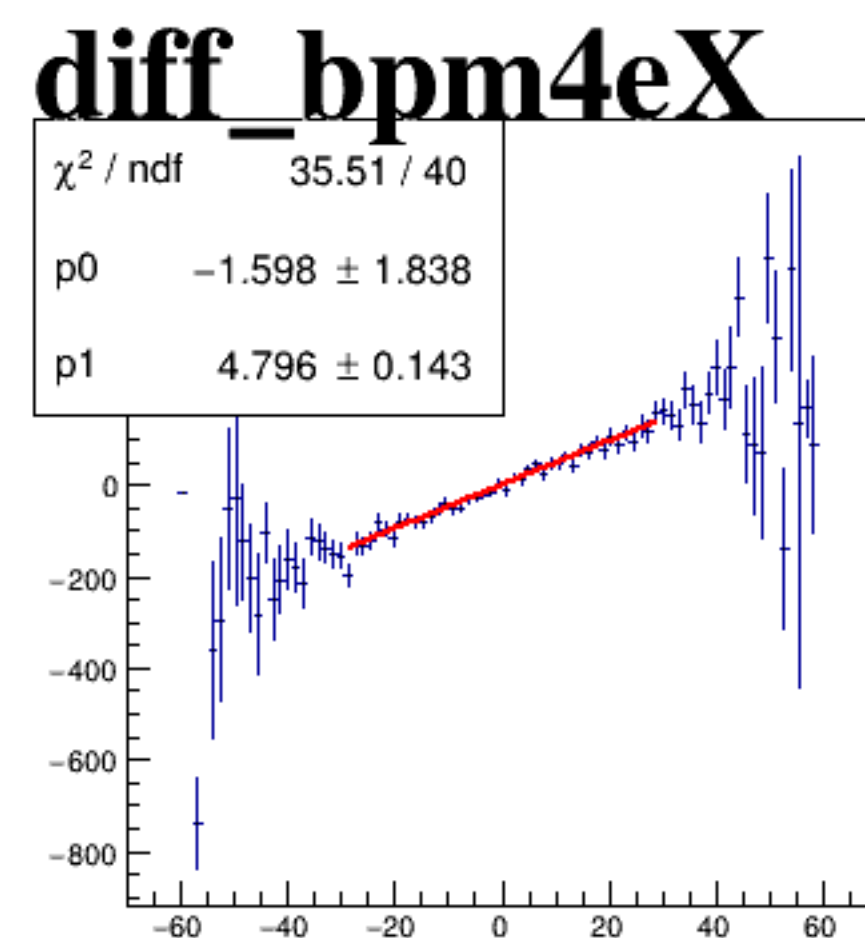
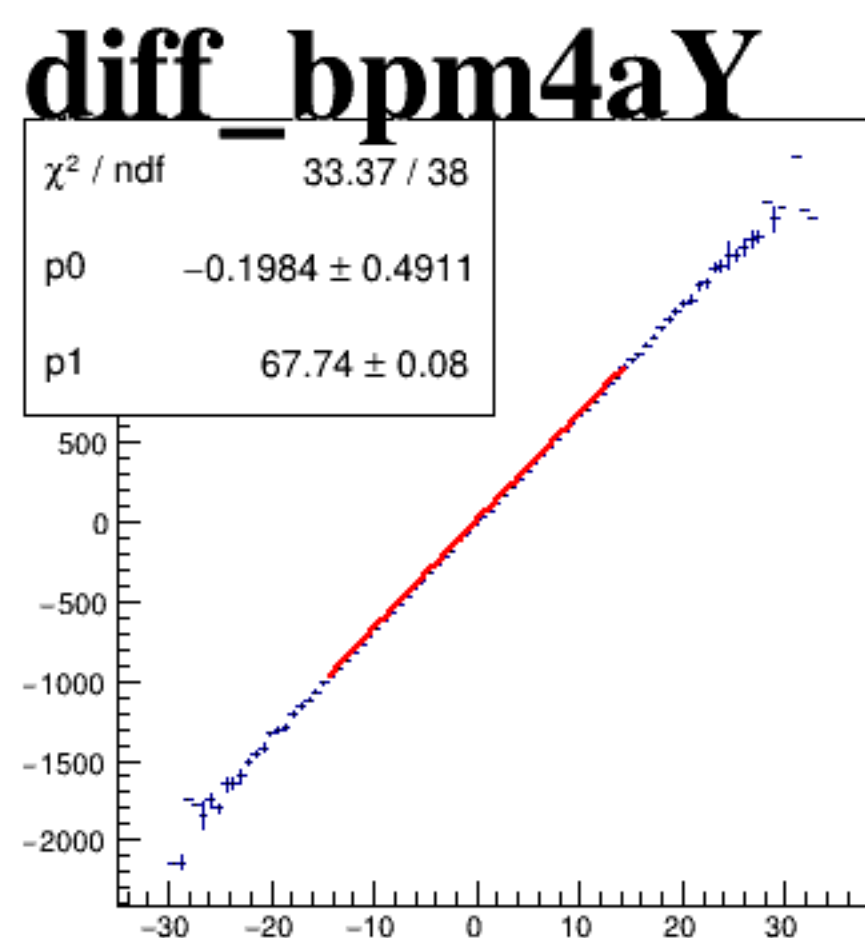
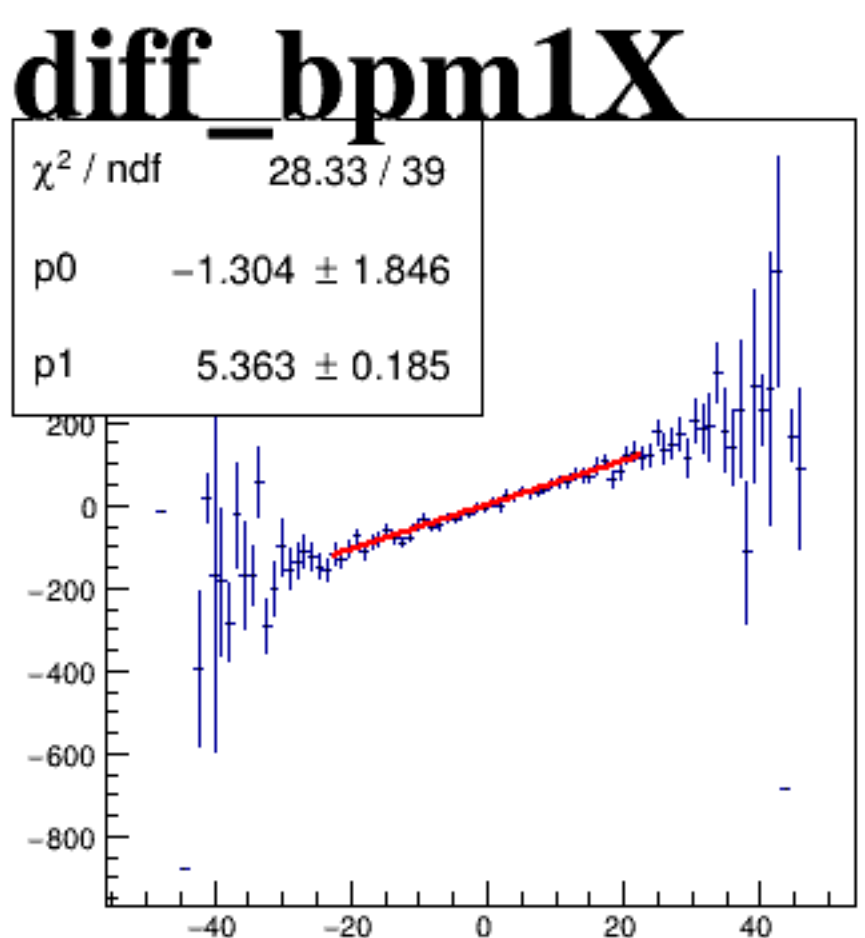
asym\_sam1



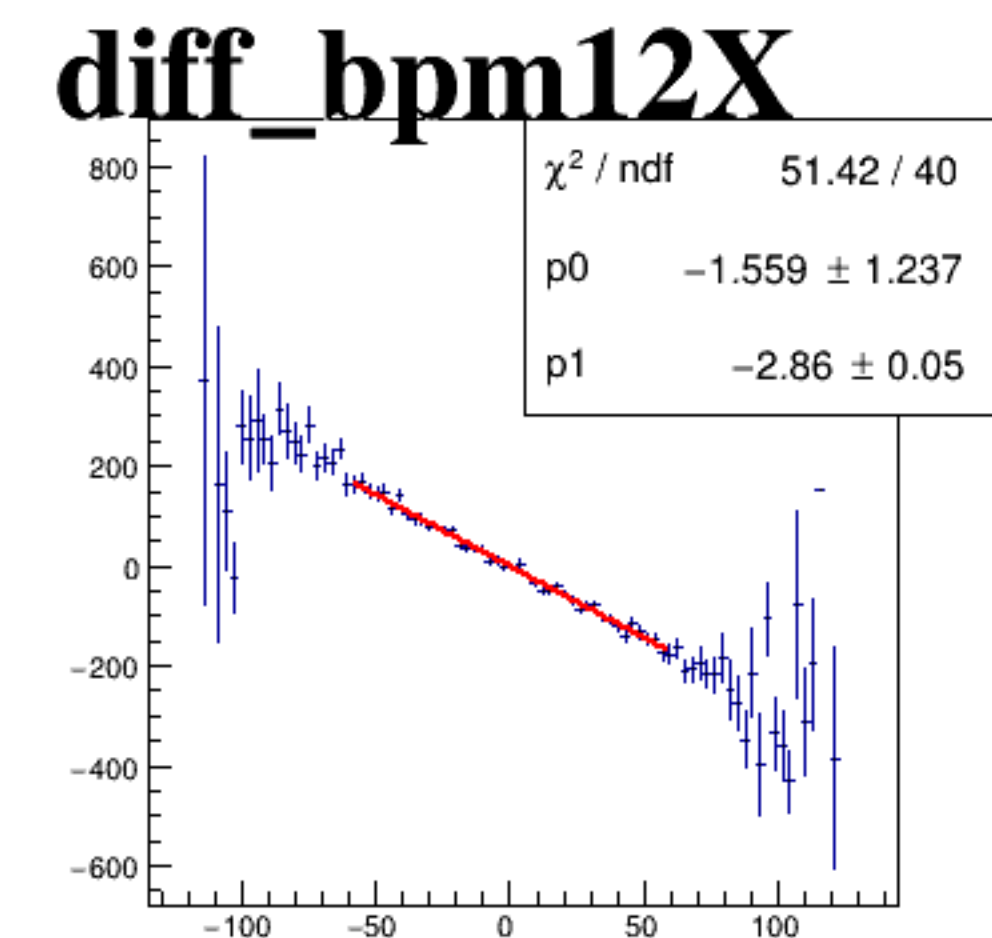
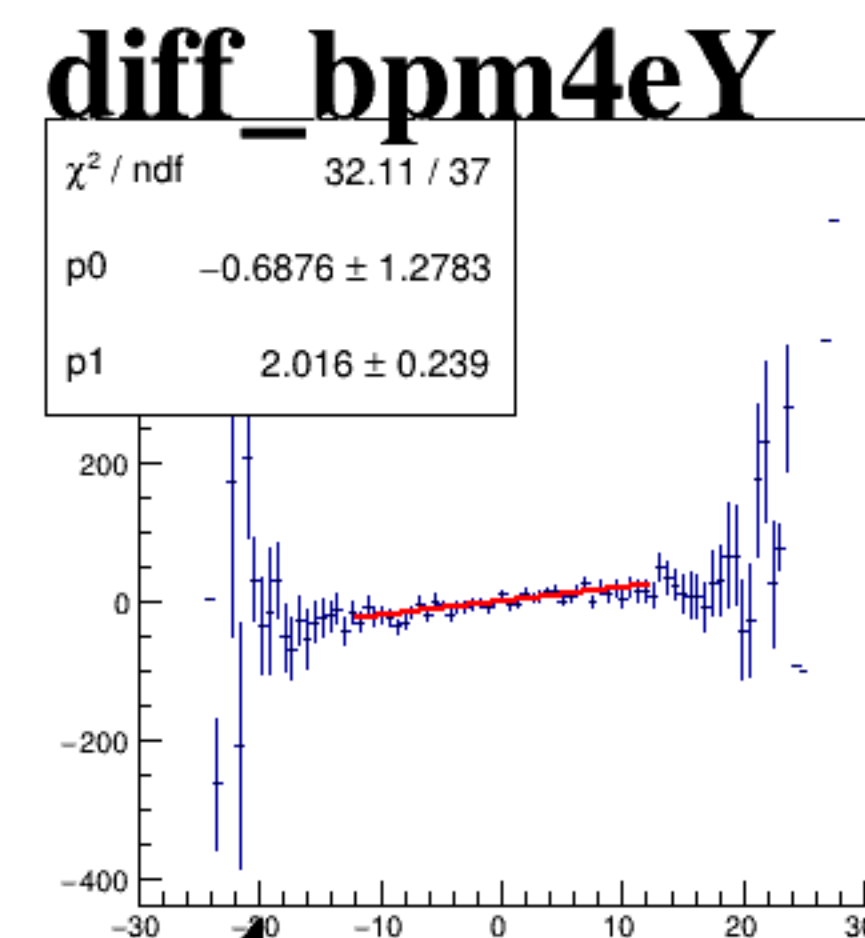
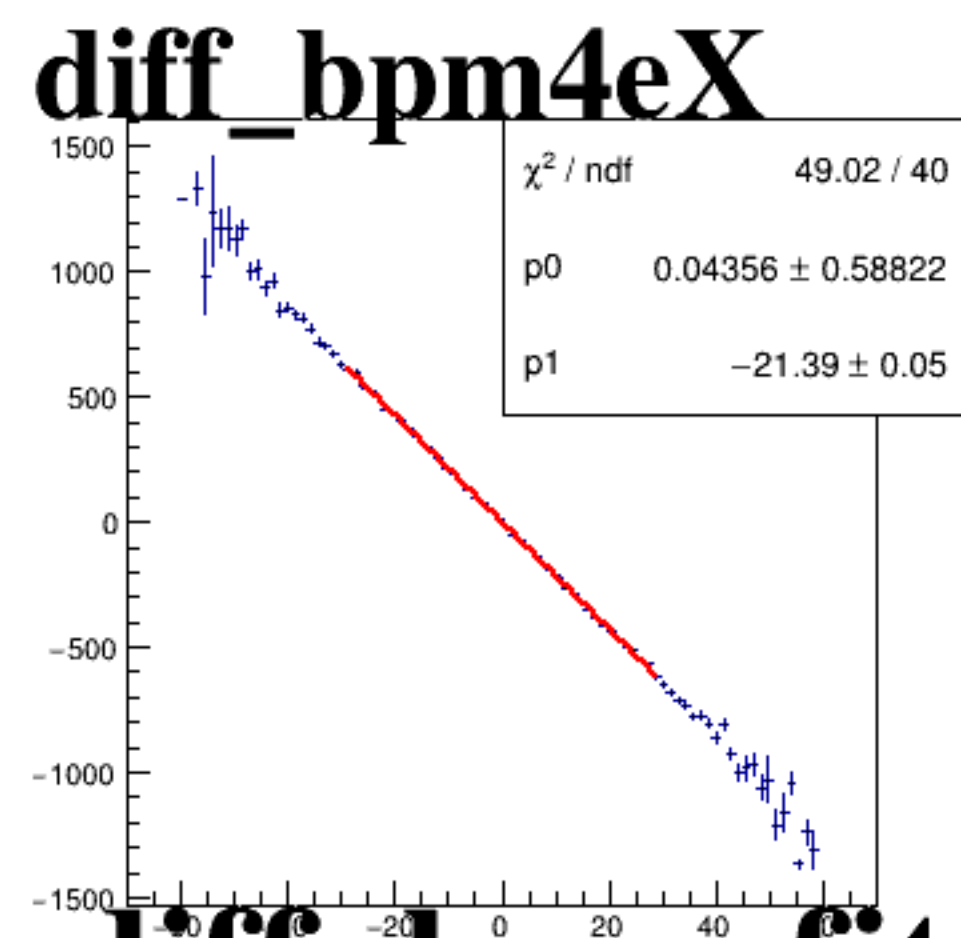
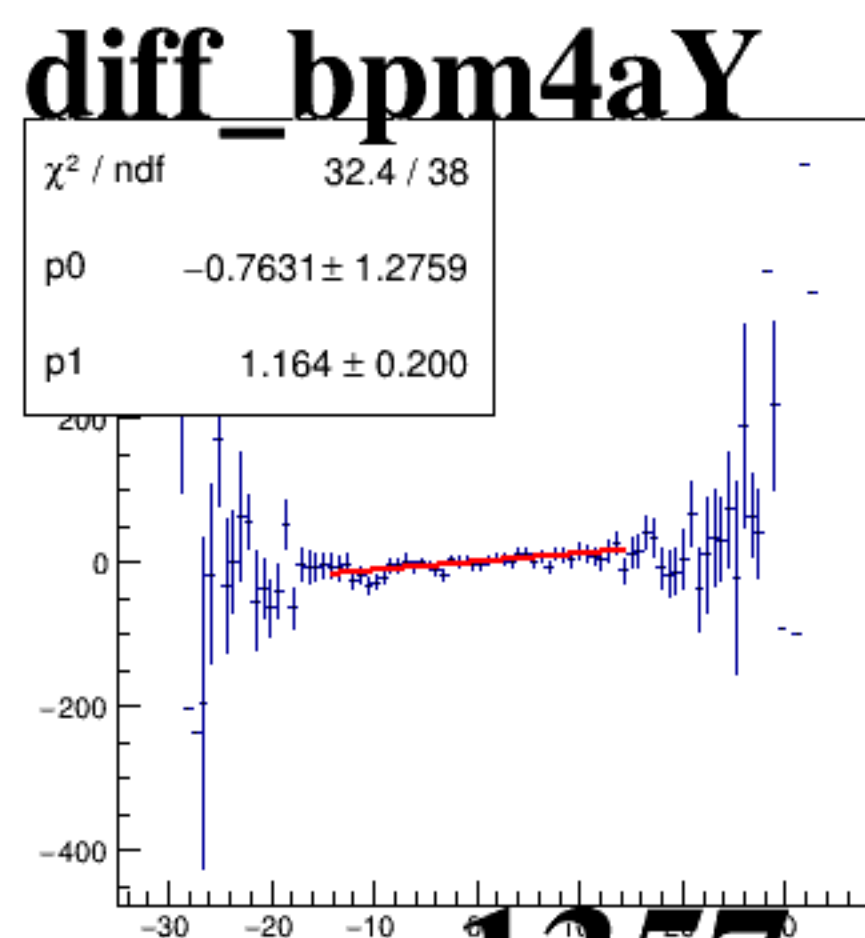
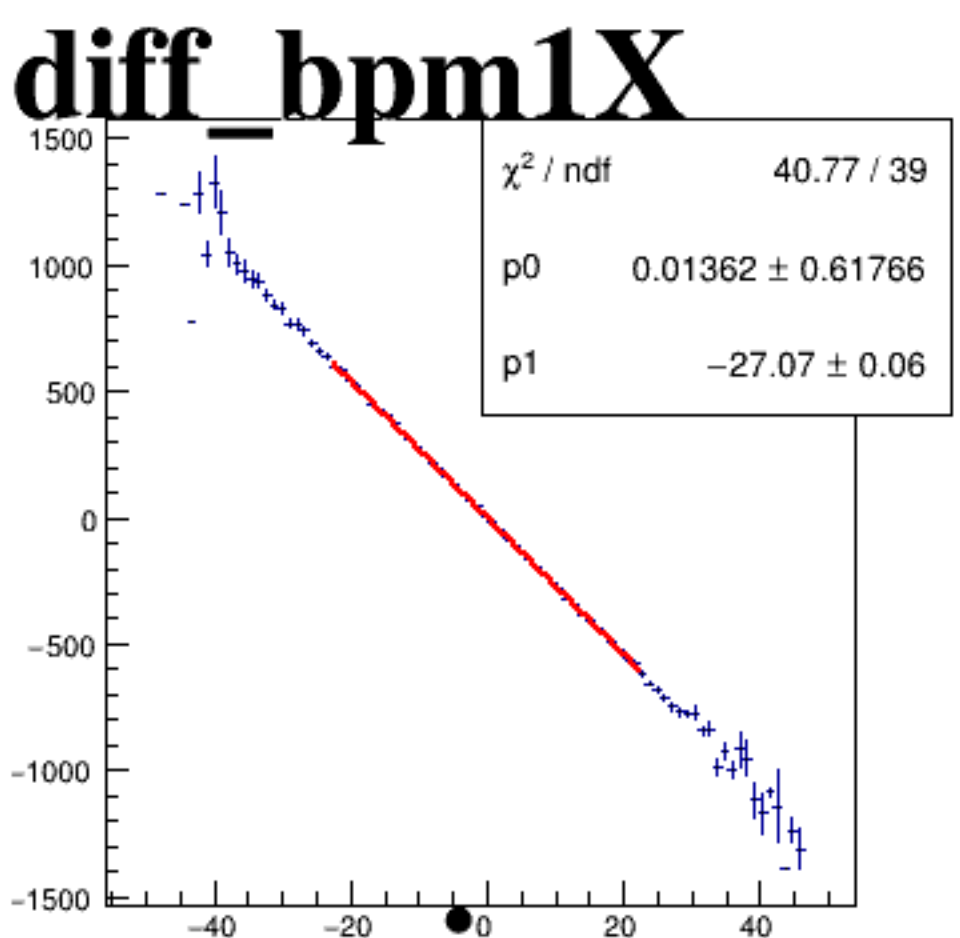
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asym\_sam5

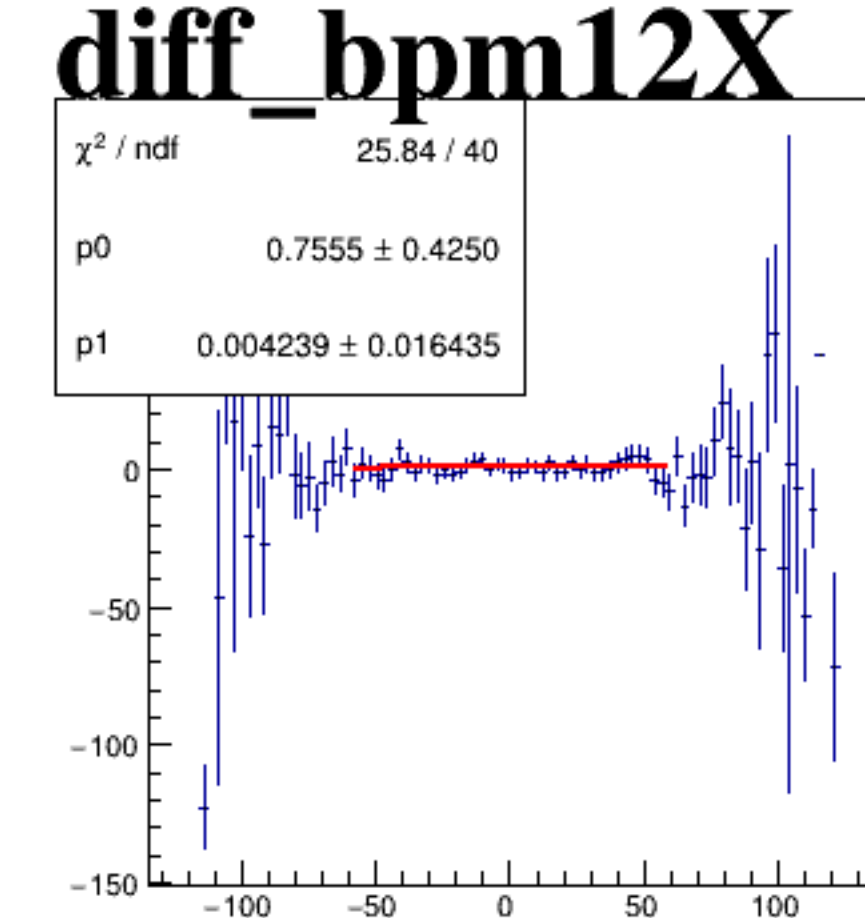
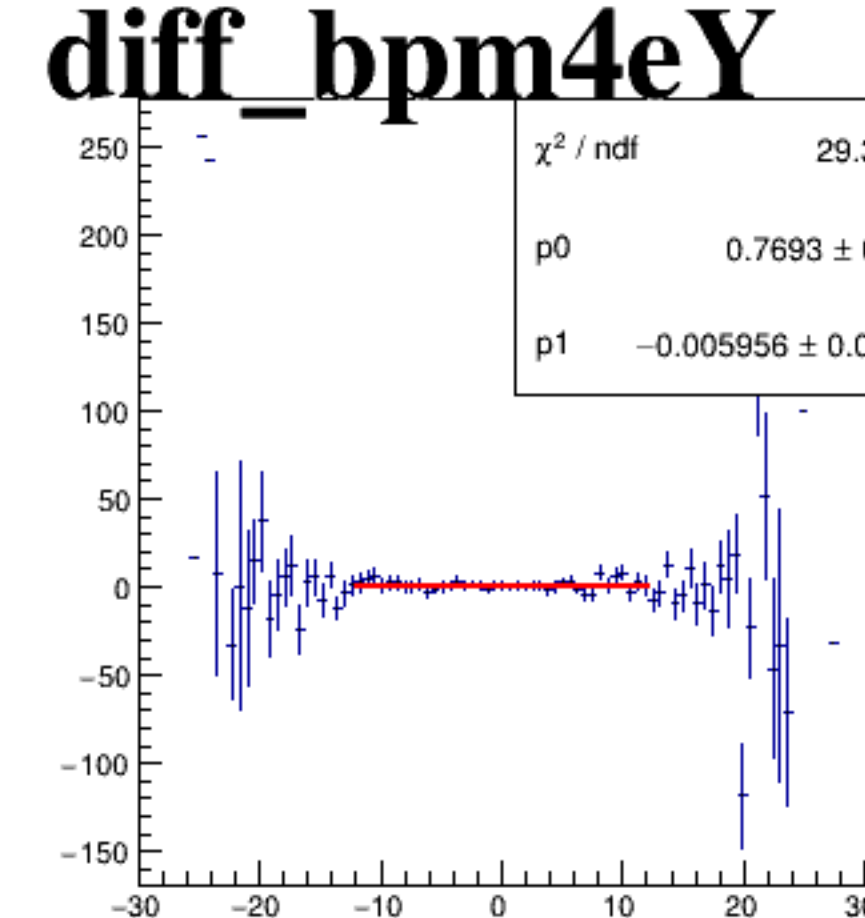
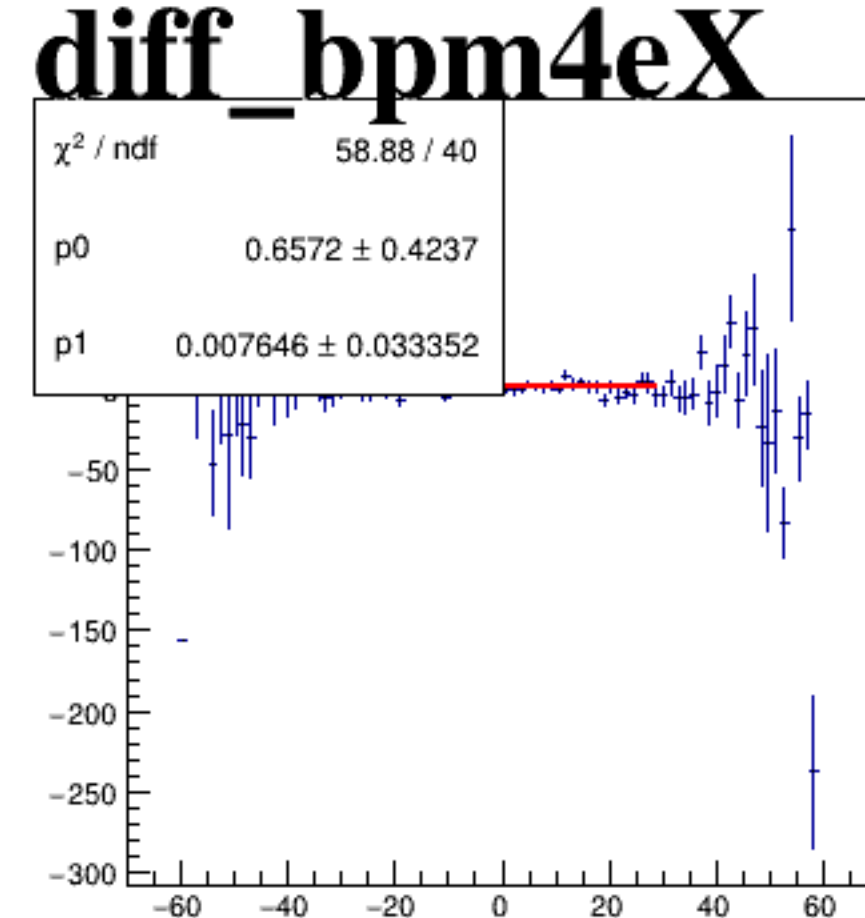
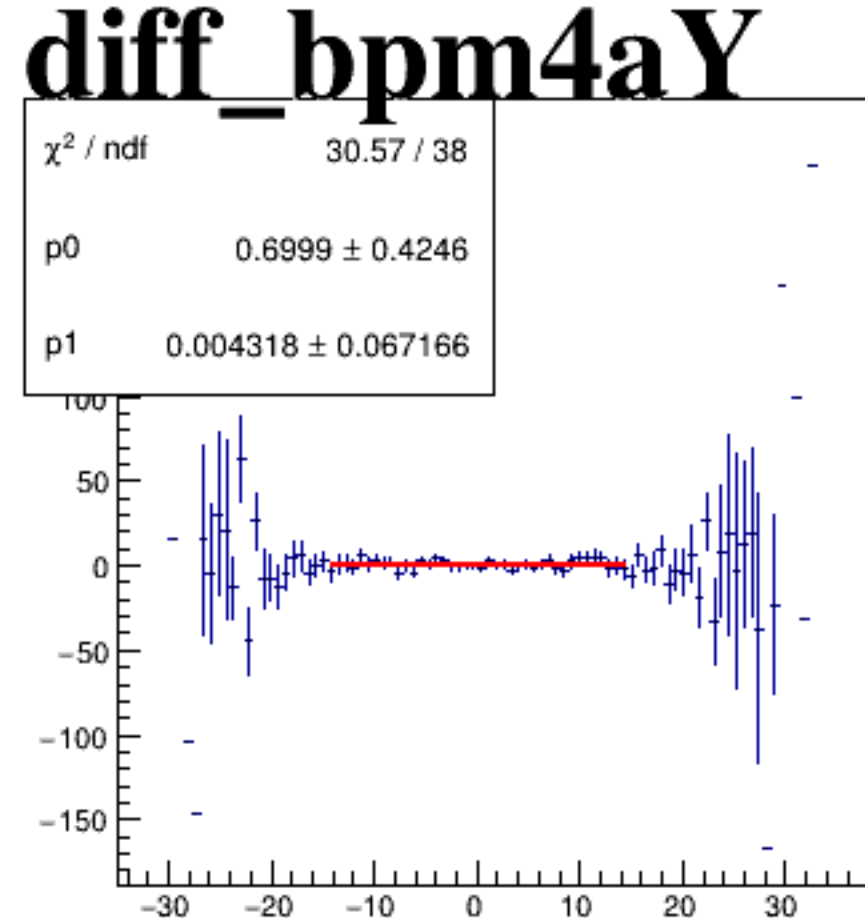
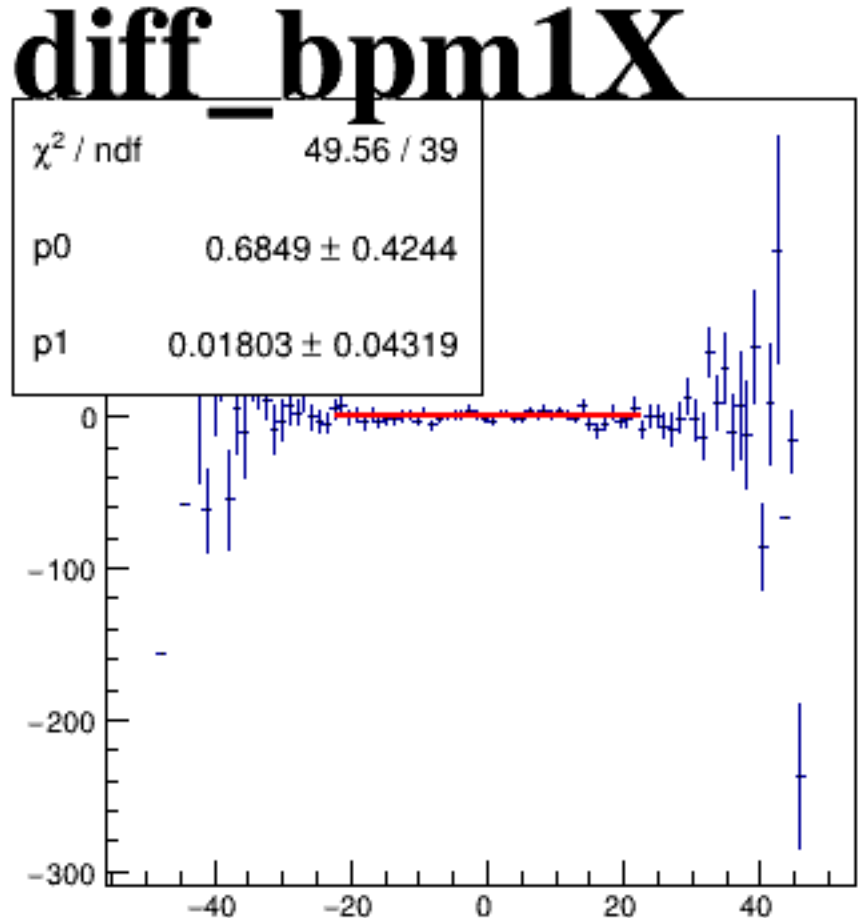


asym\_sam7

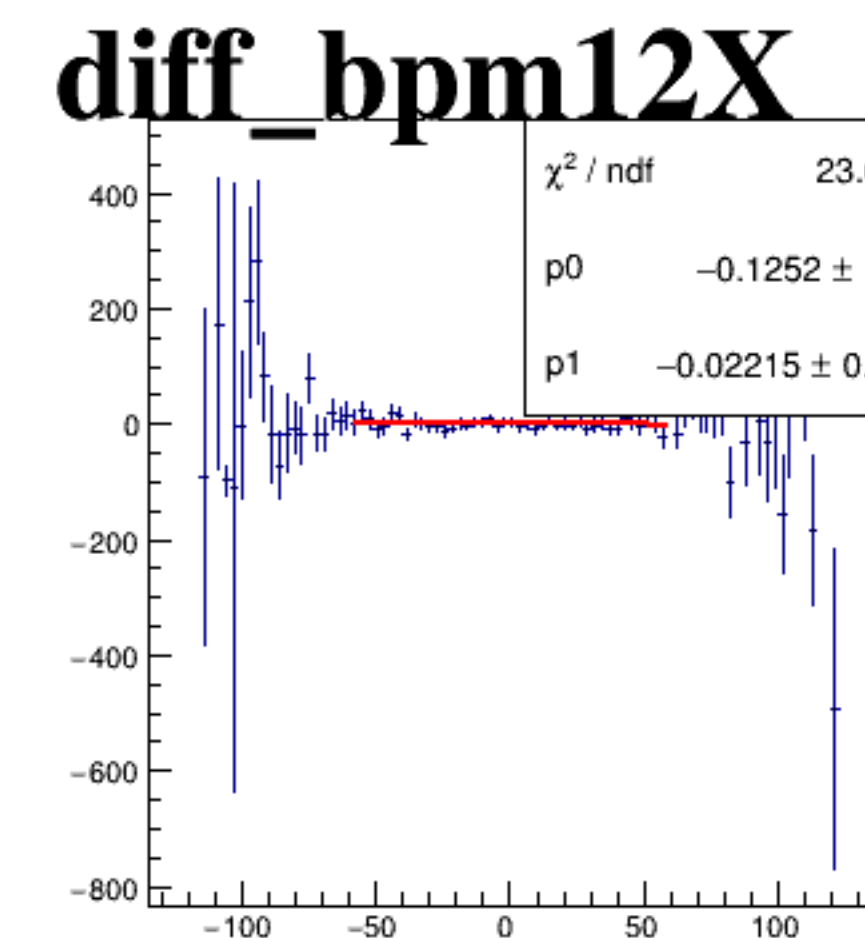
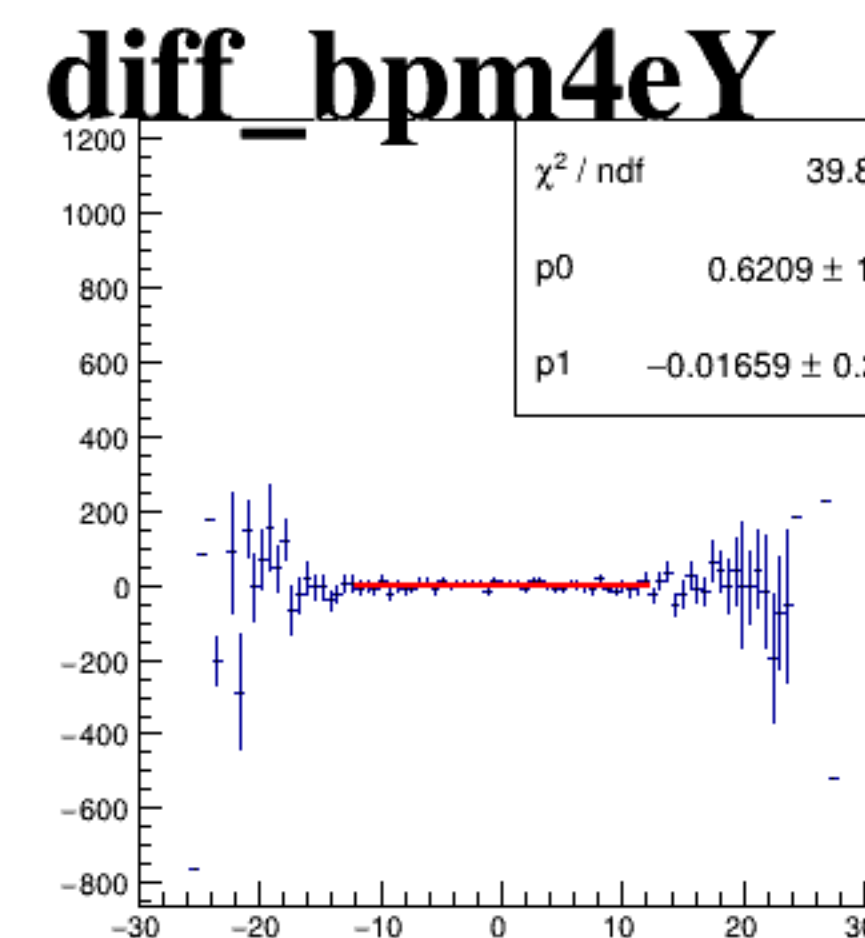
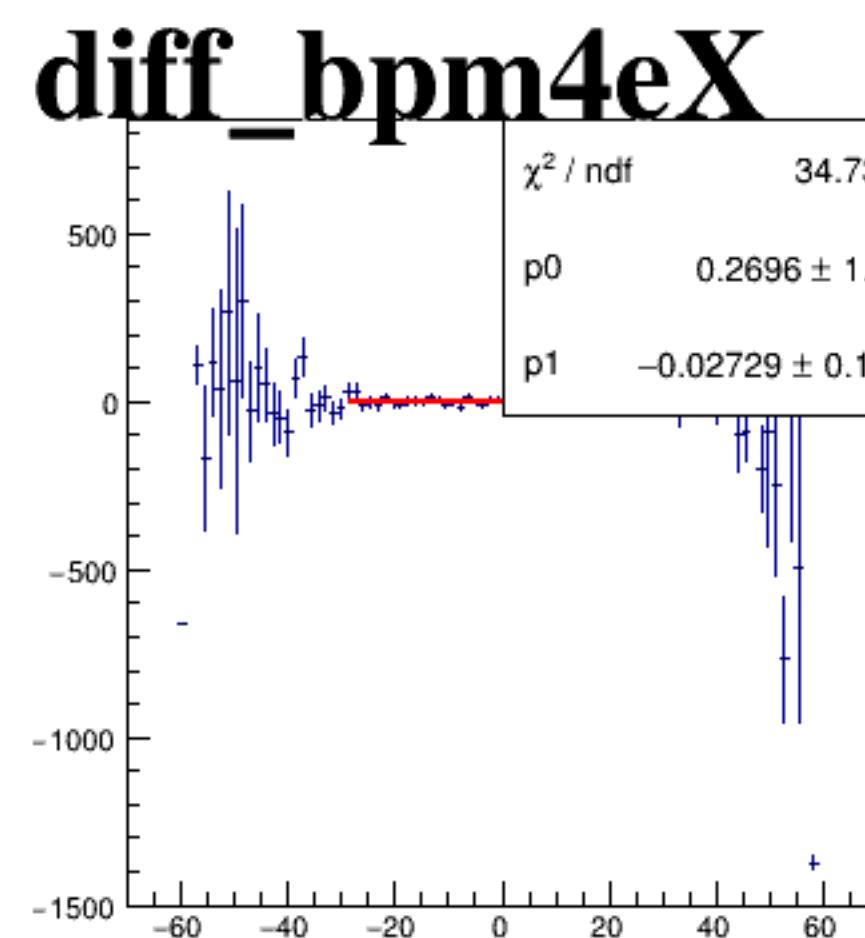
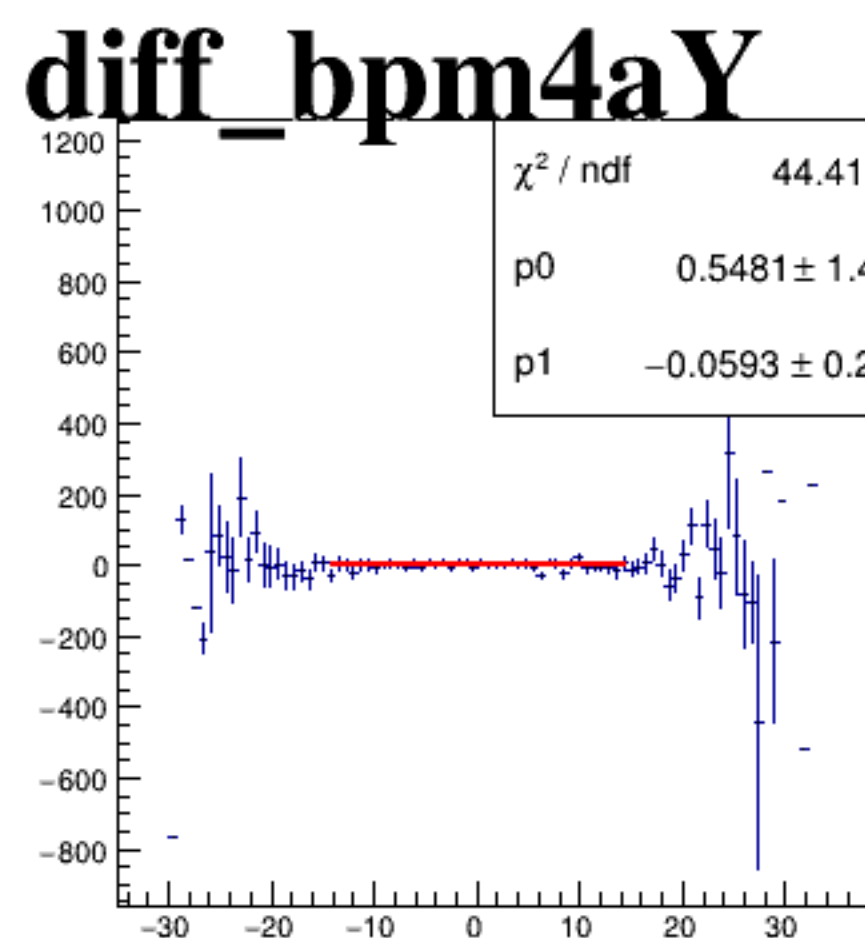
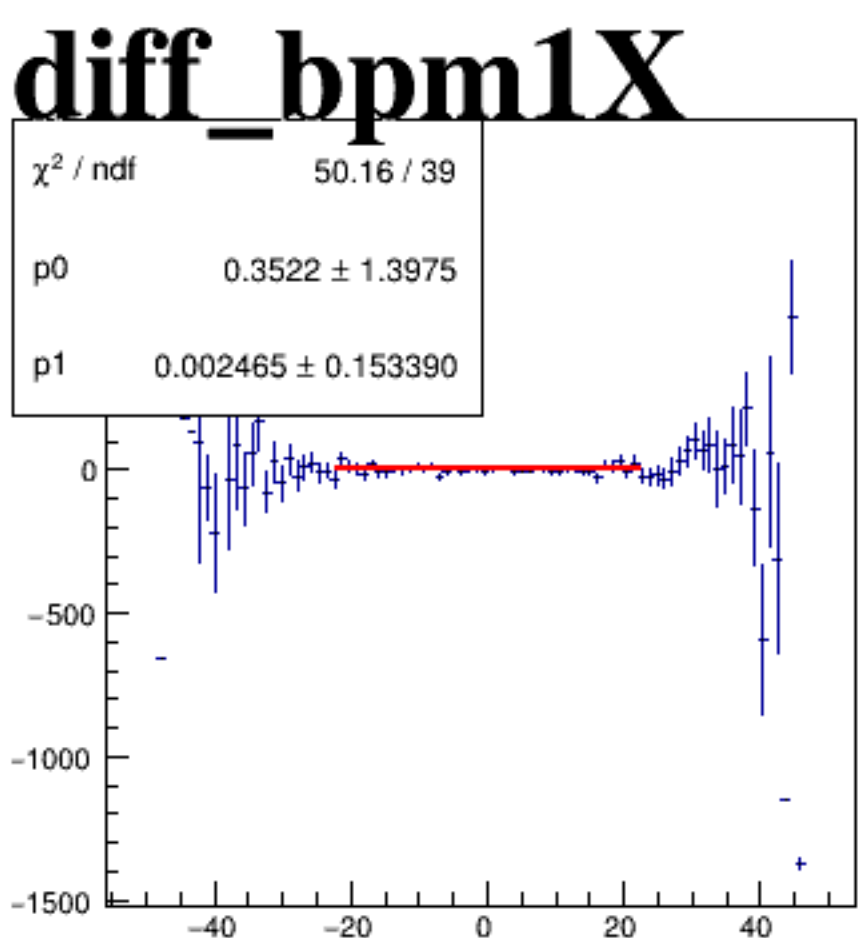




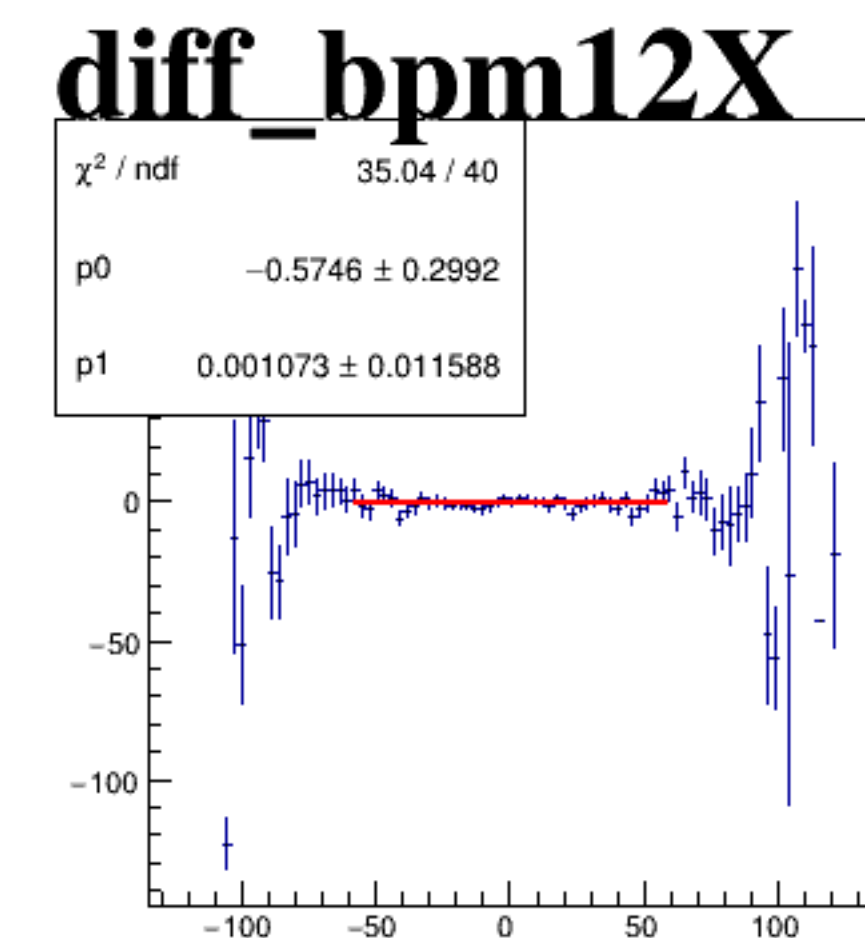
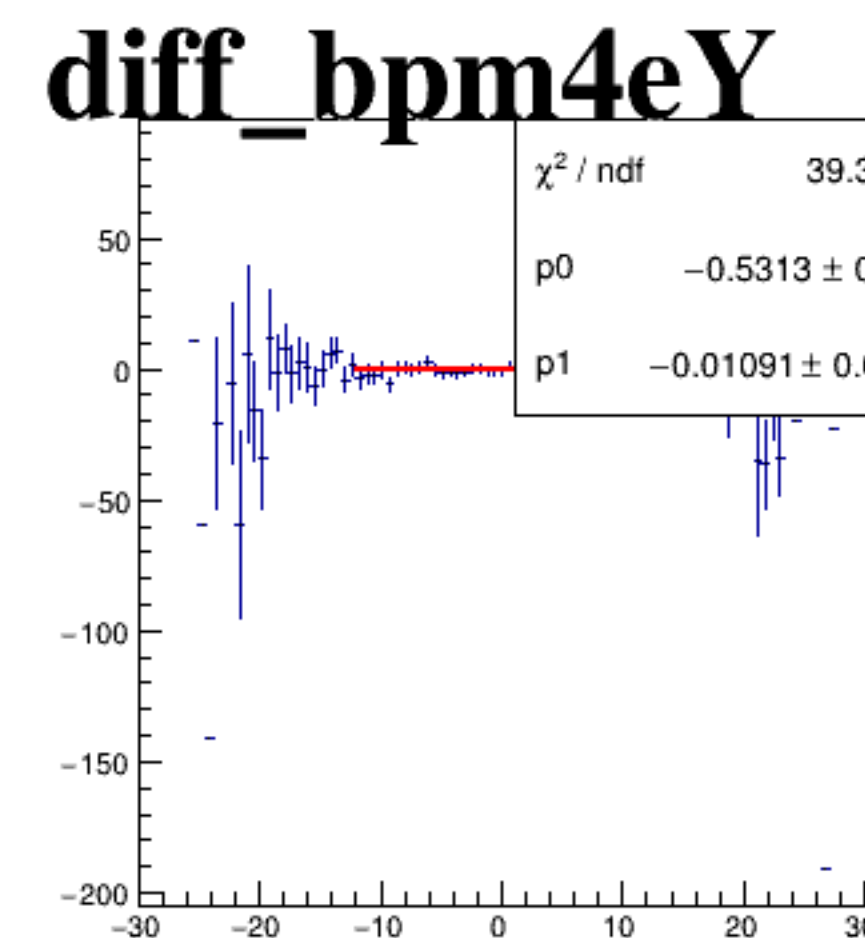
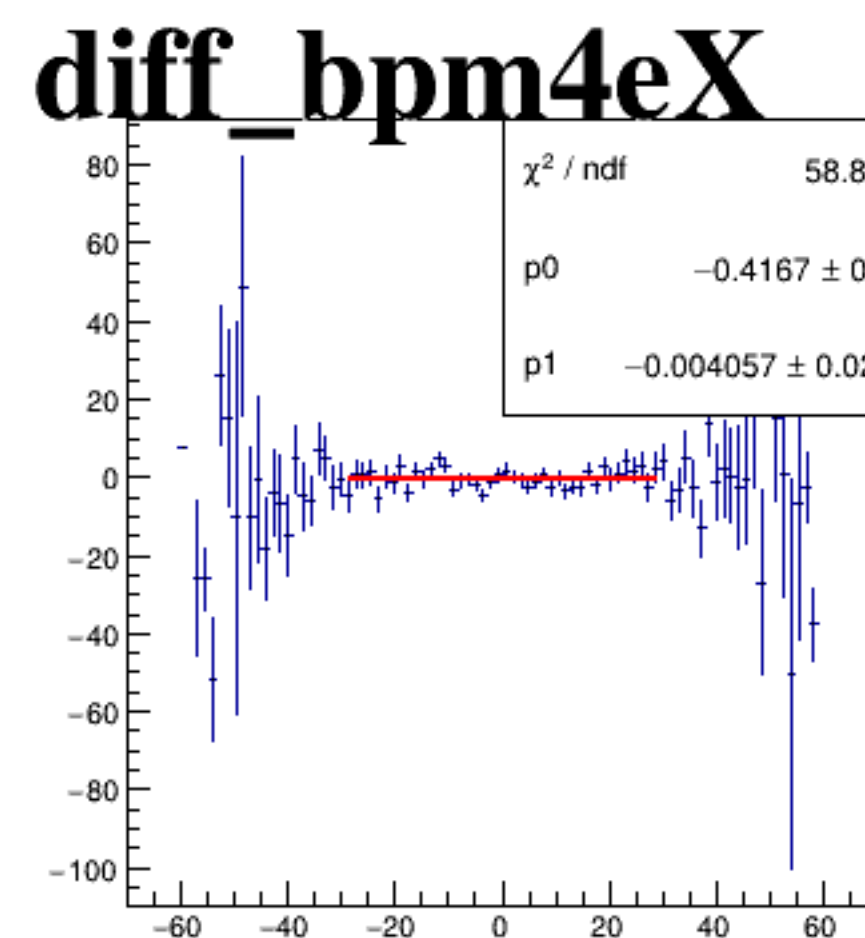
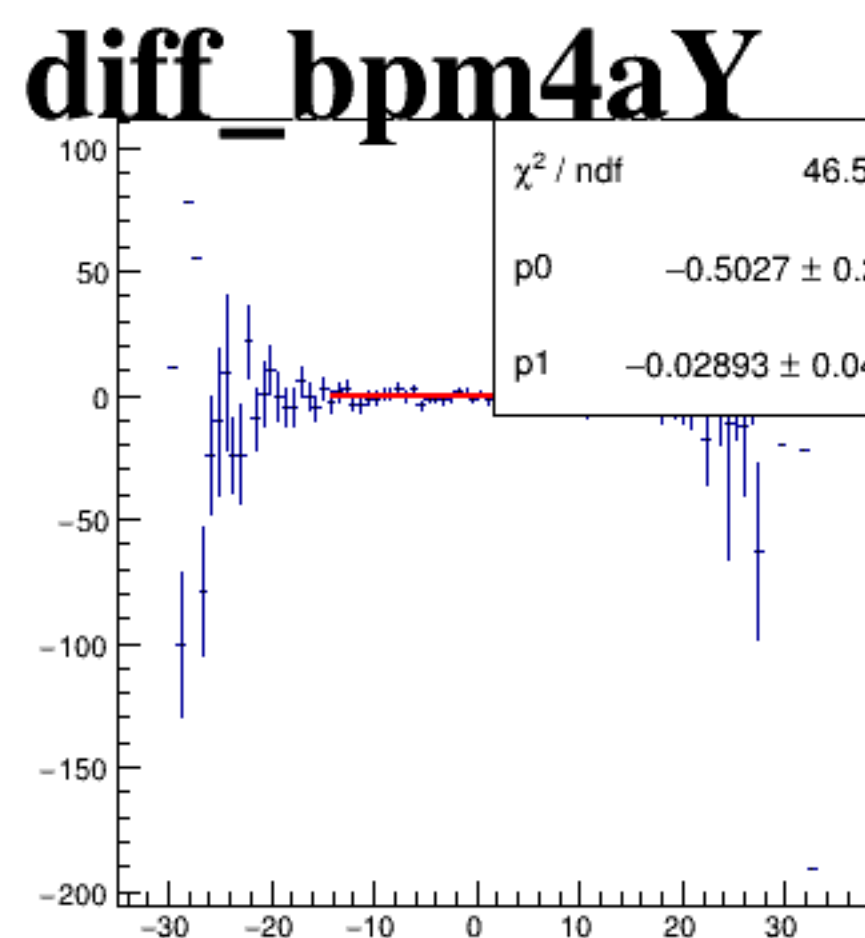
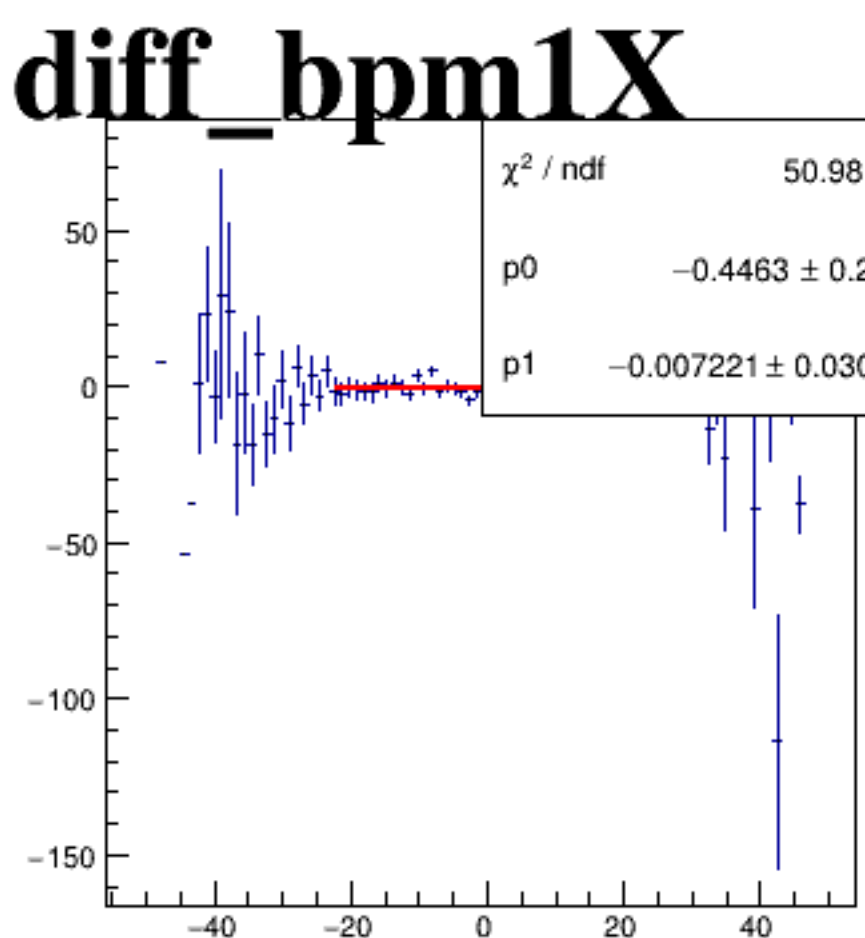
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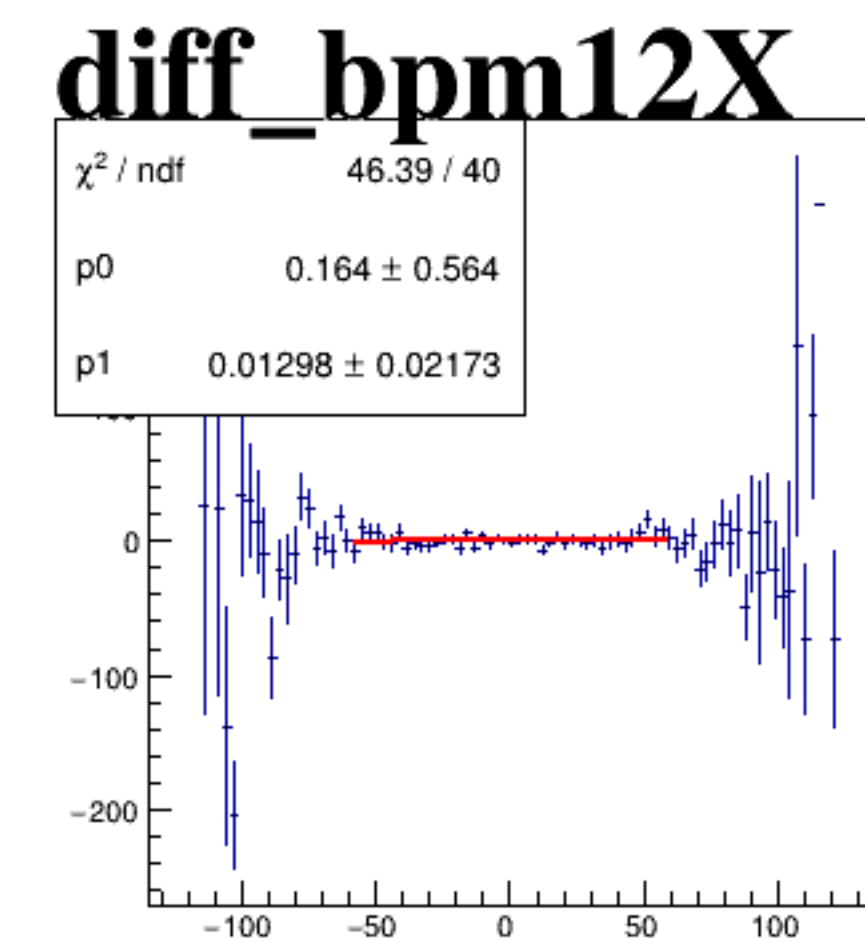
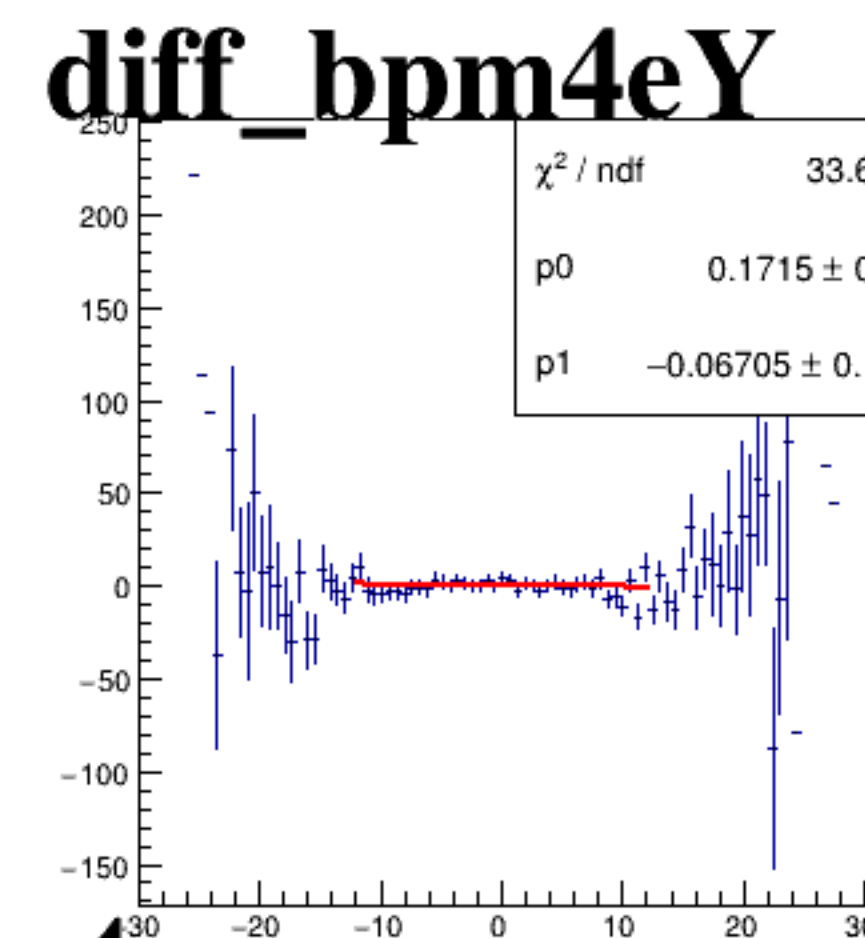
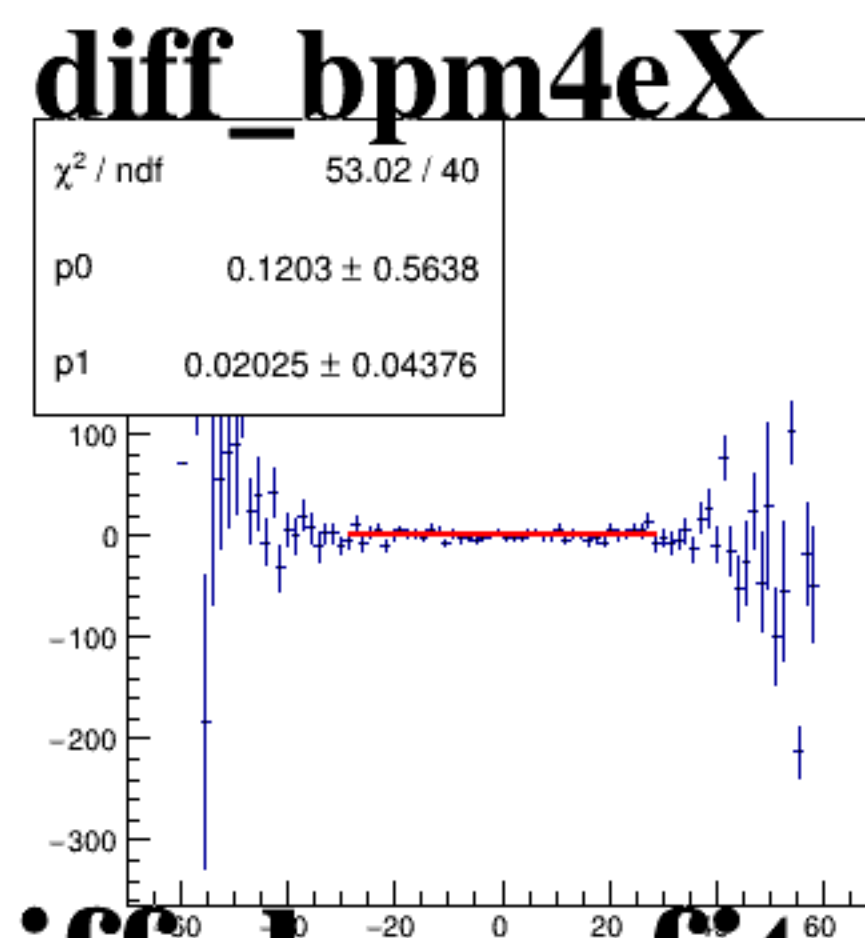
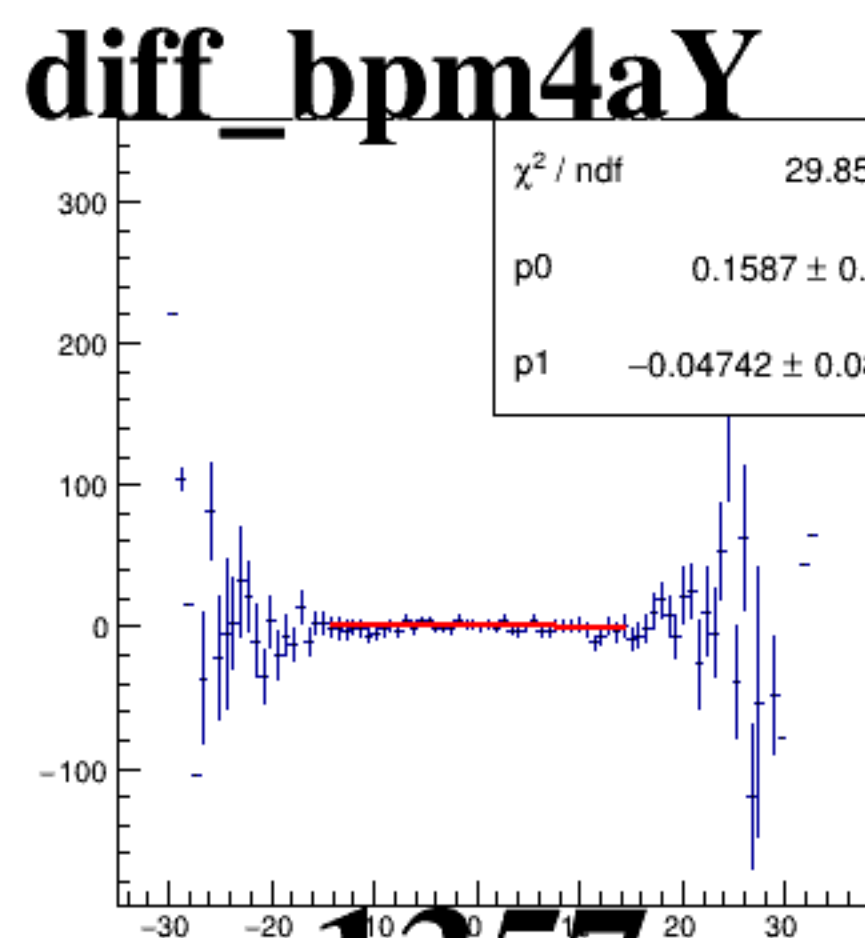
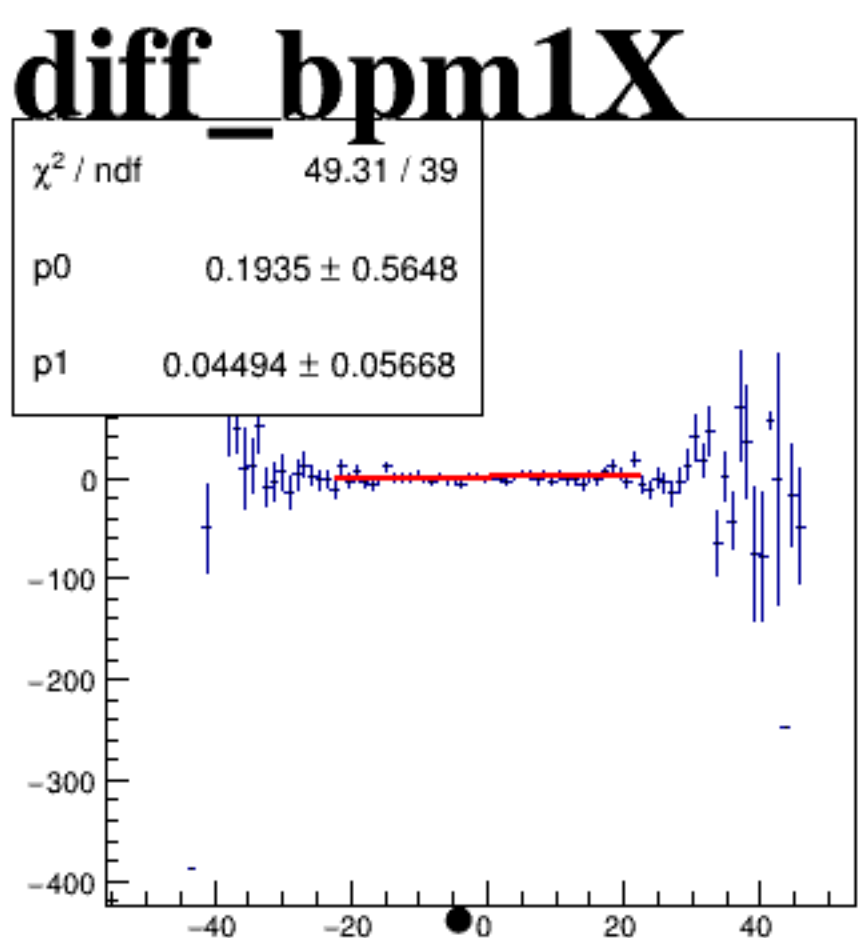
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reg\_asym\_sam5

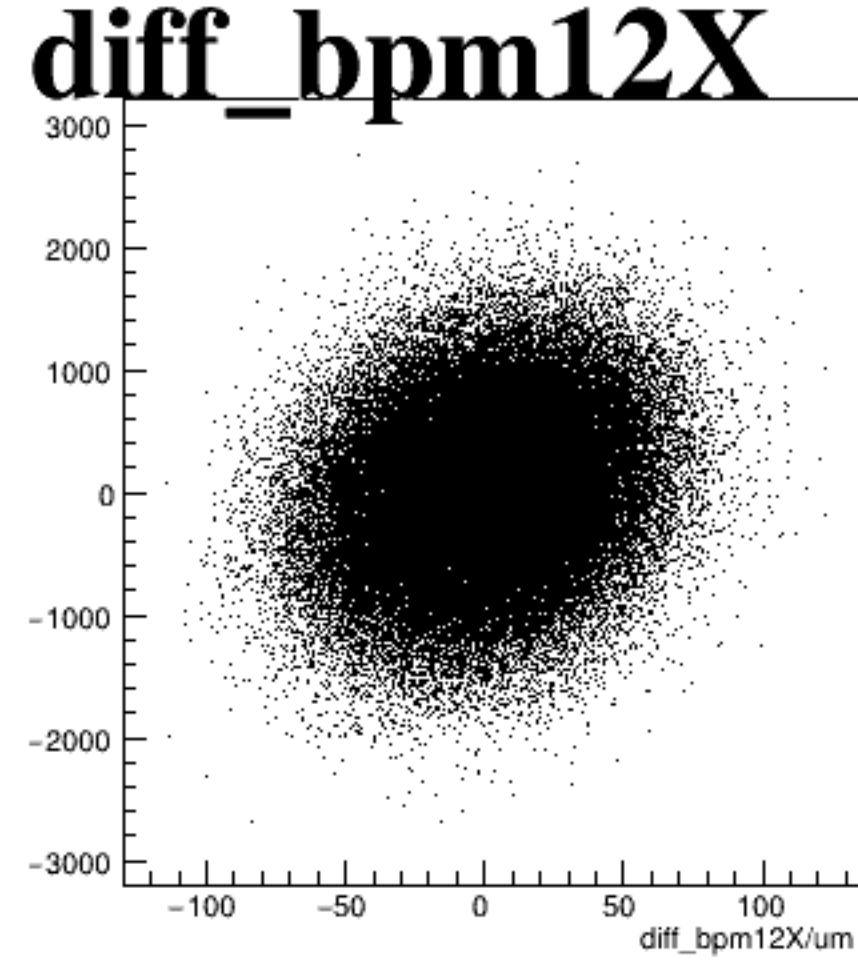
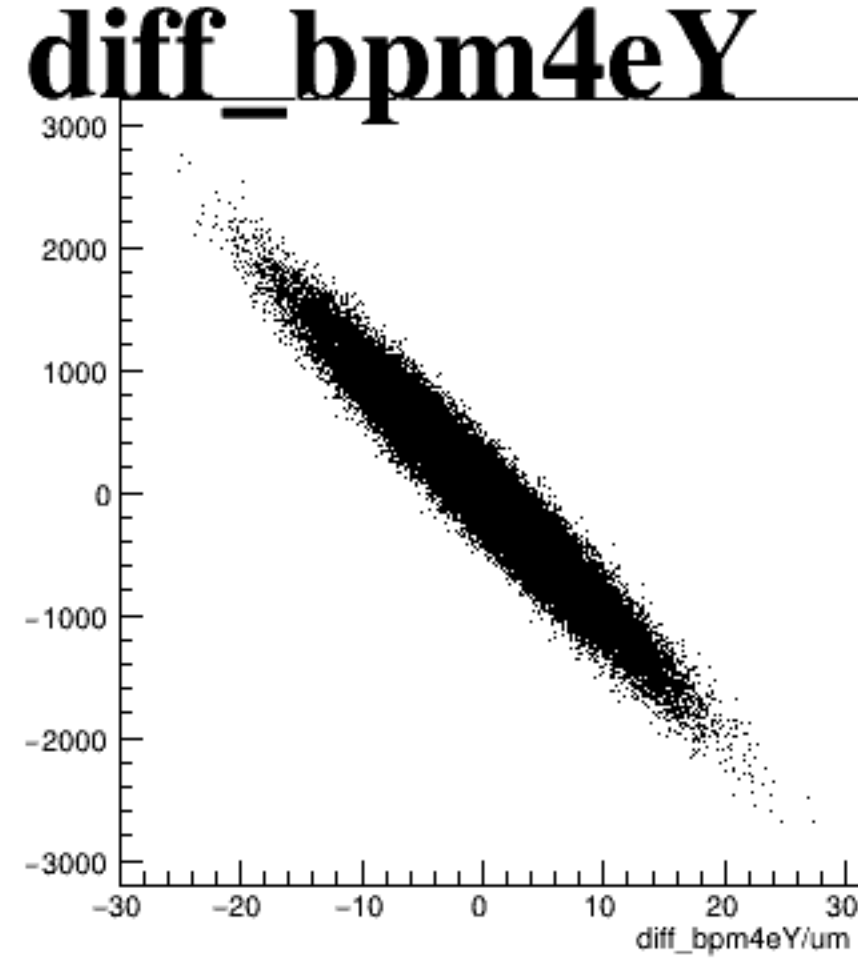
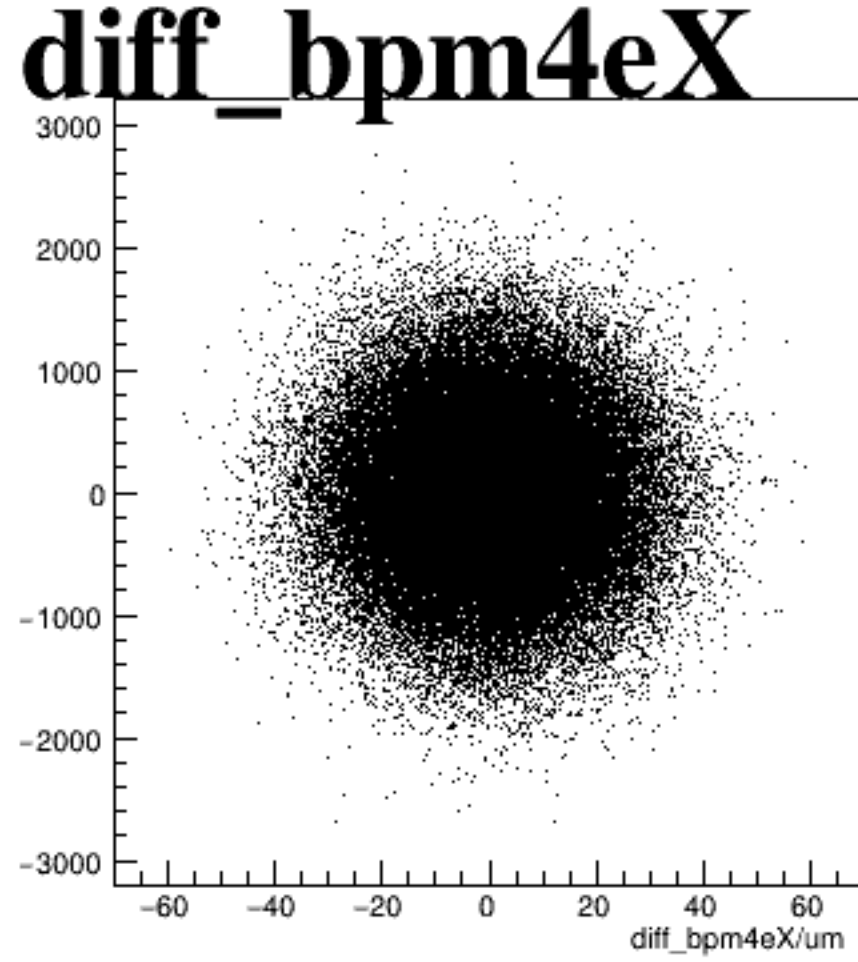
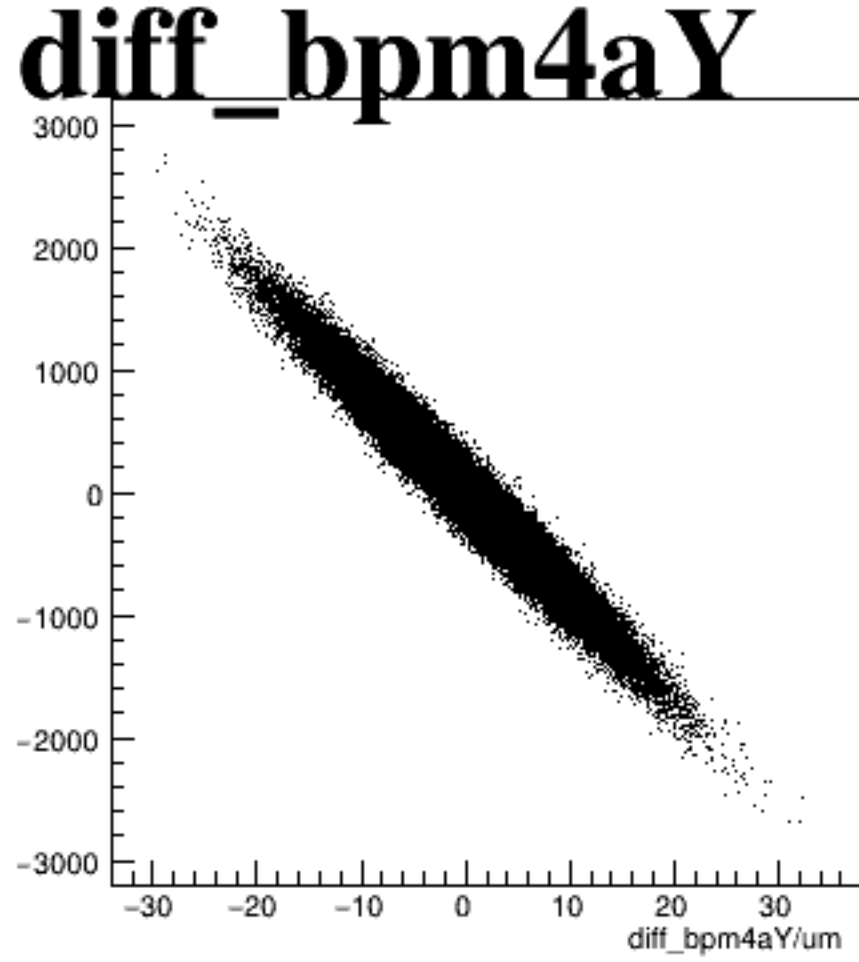
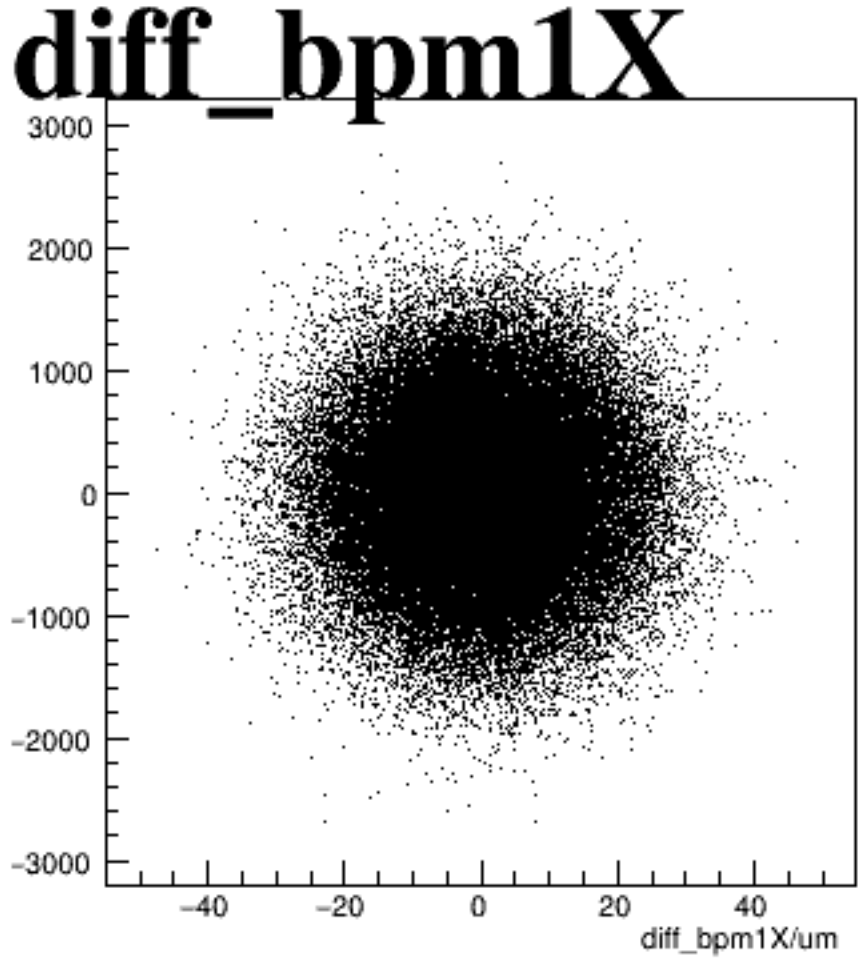


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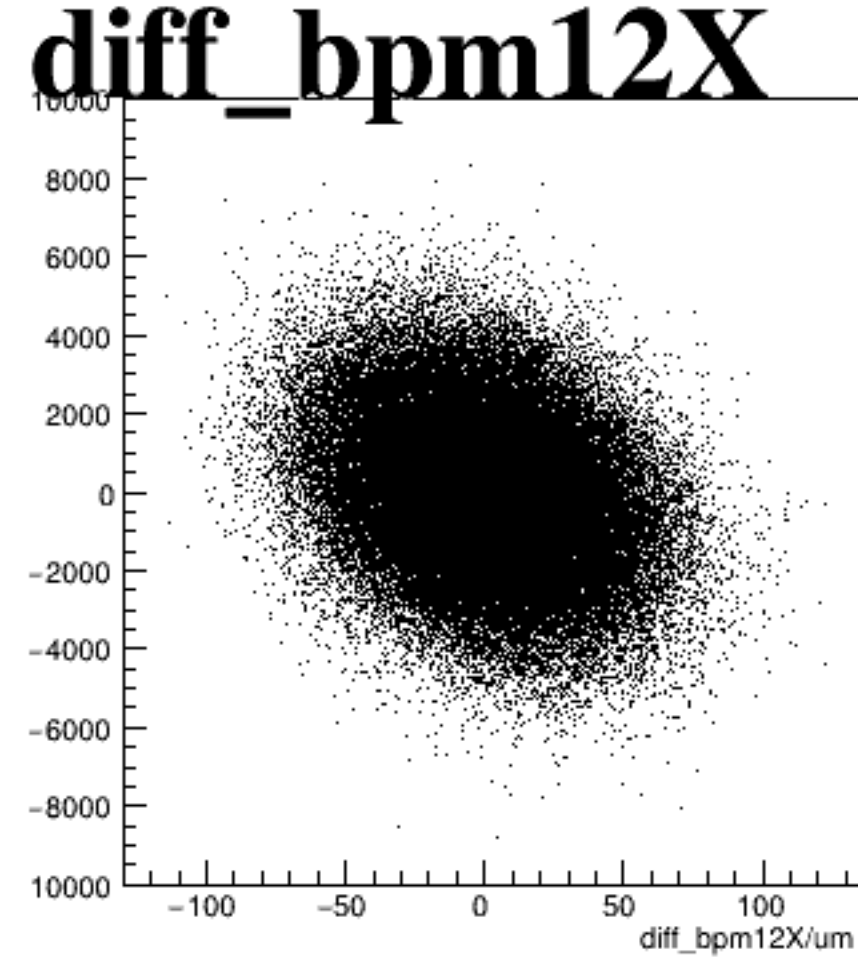
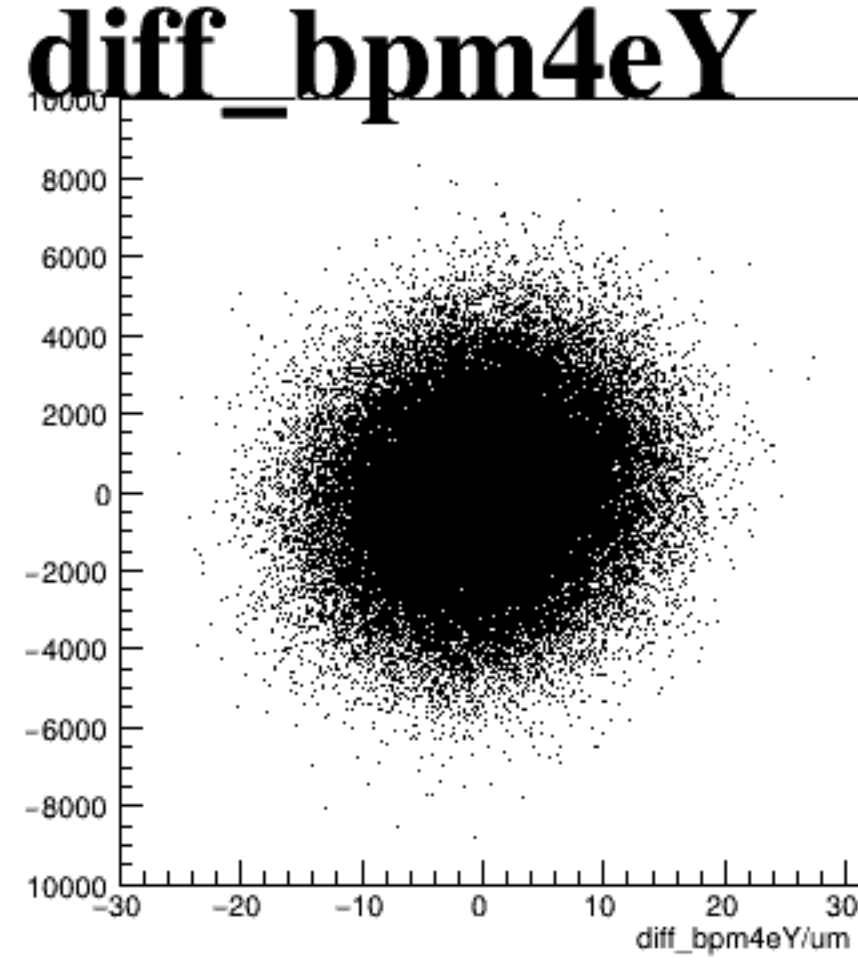
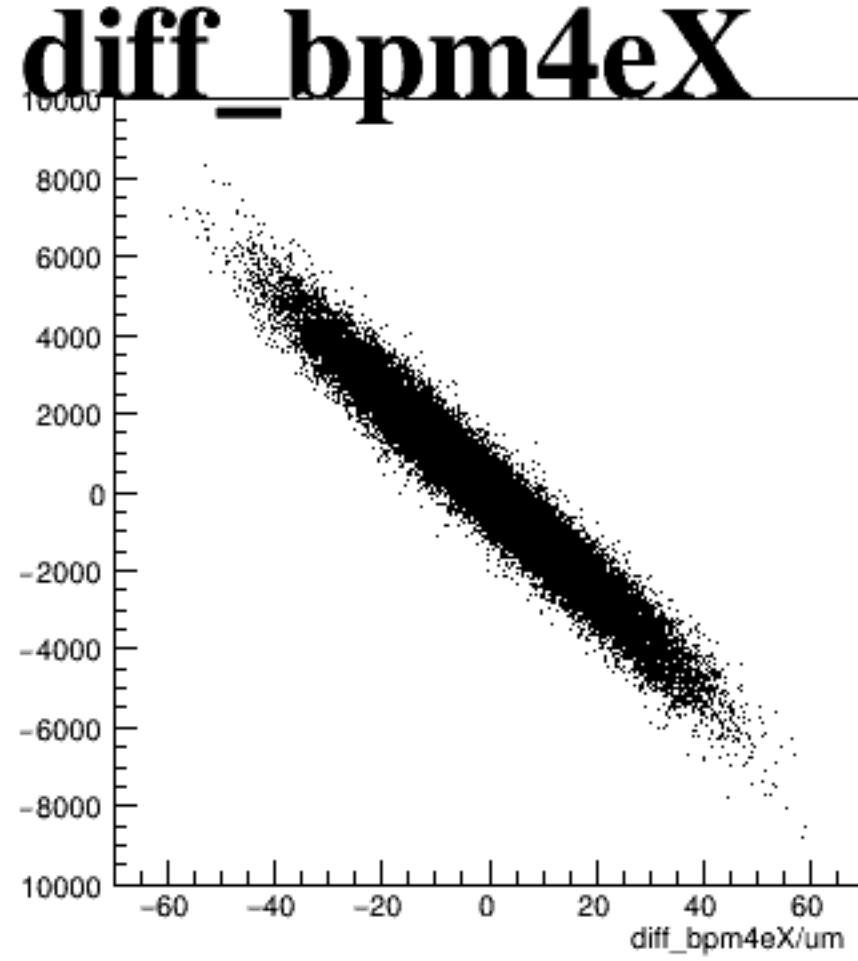
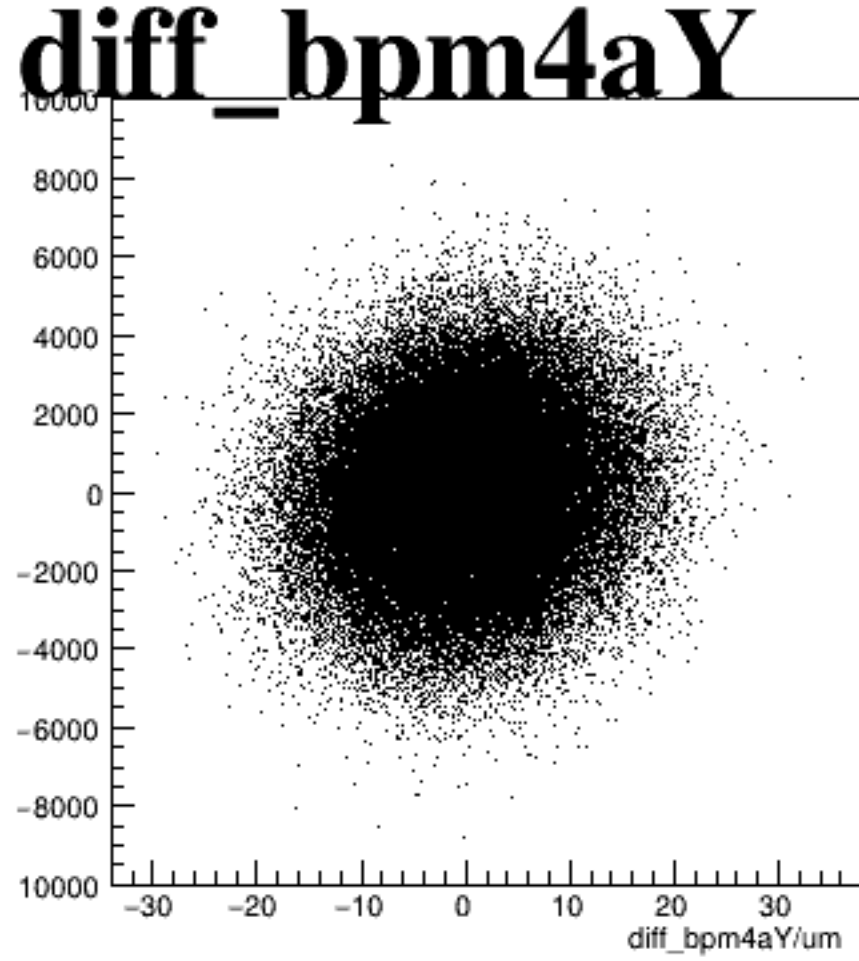
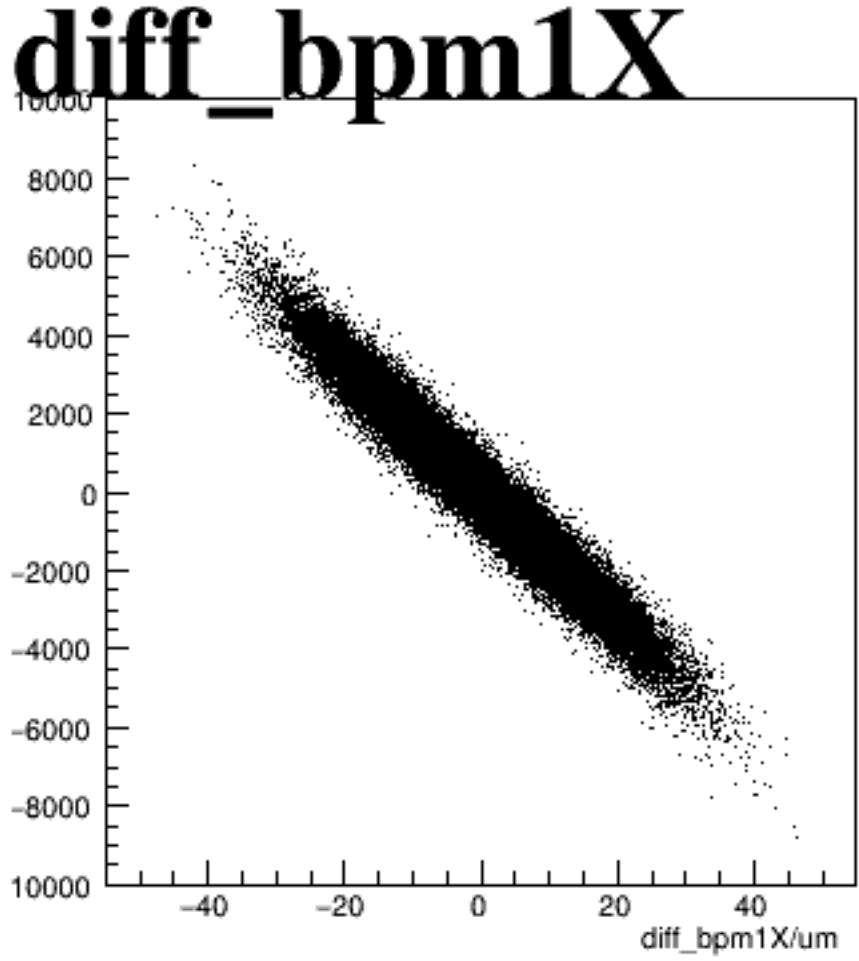




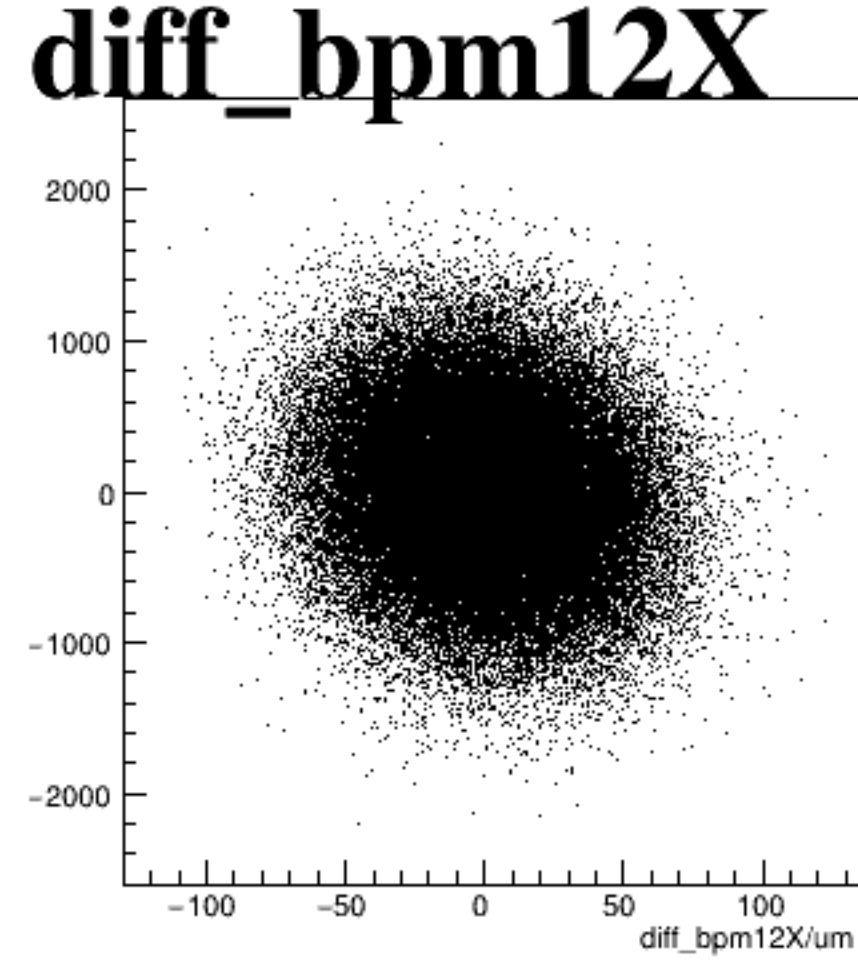
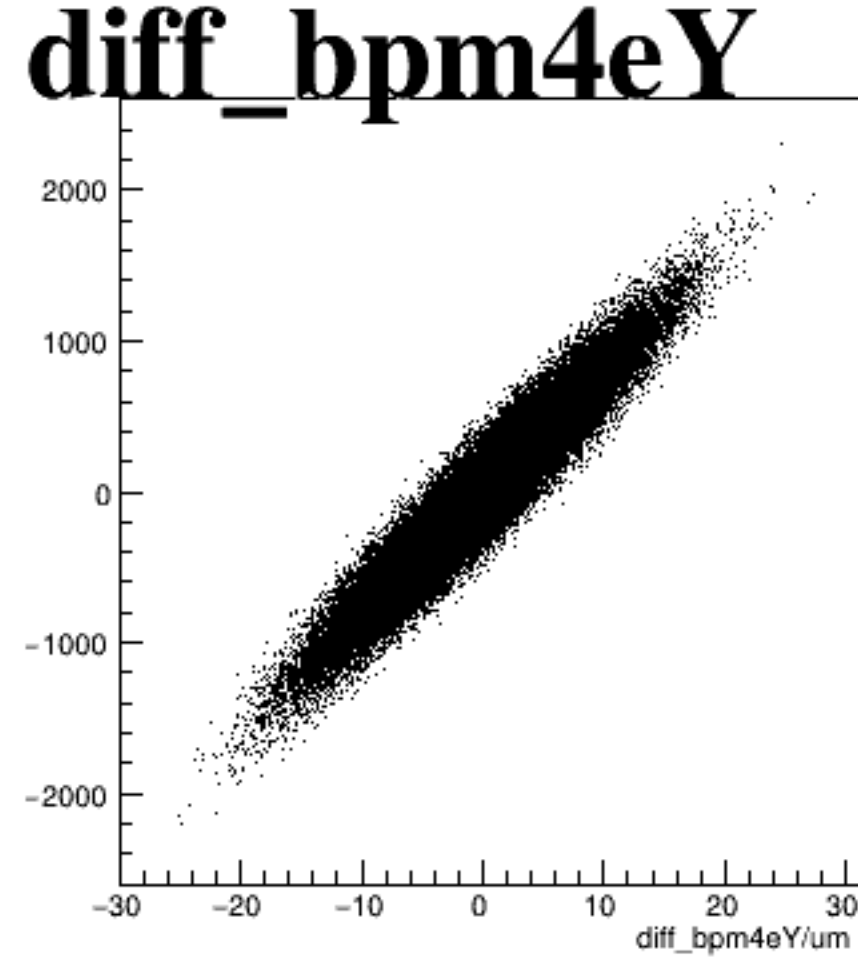
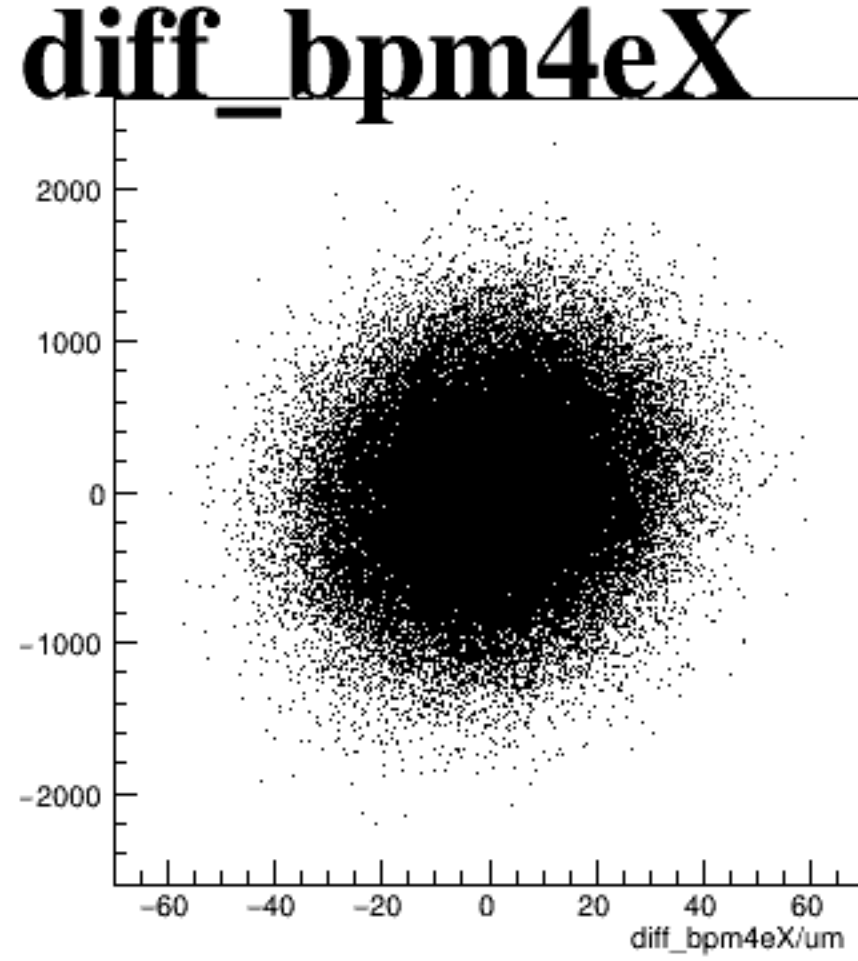
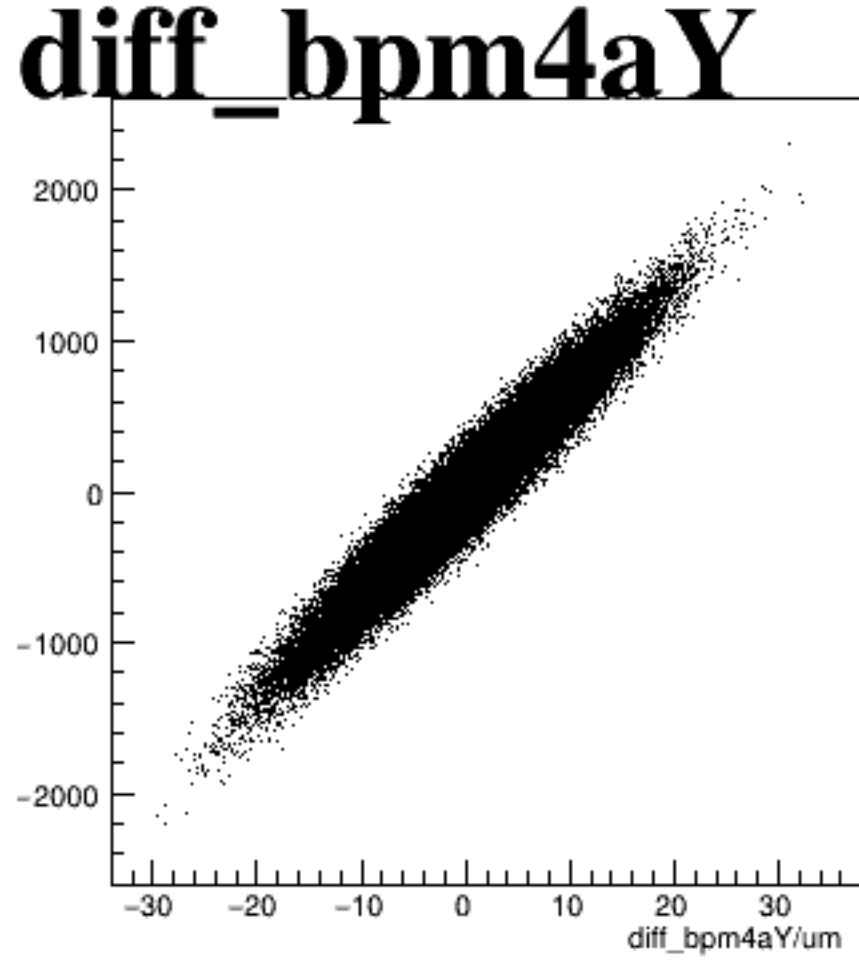
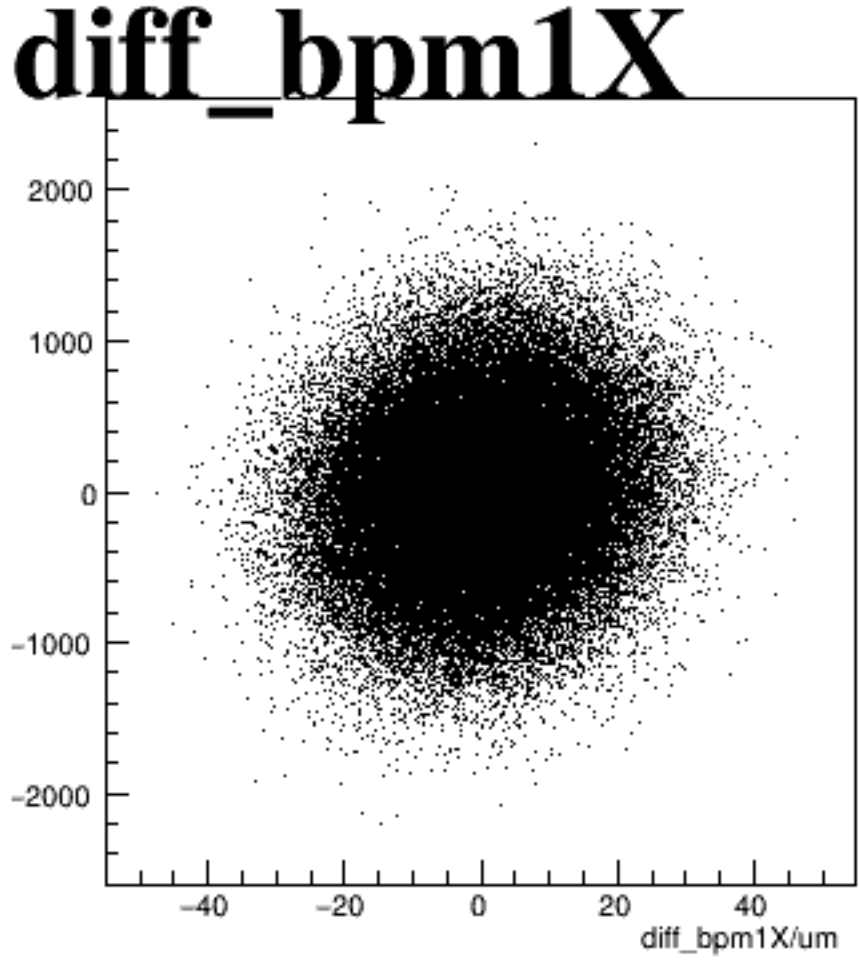
asym\_sam1



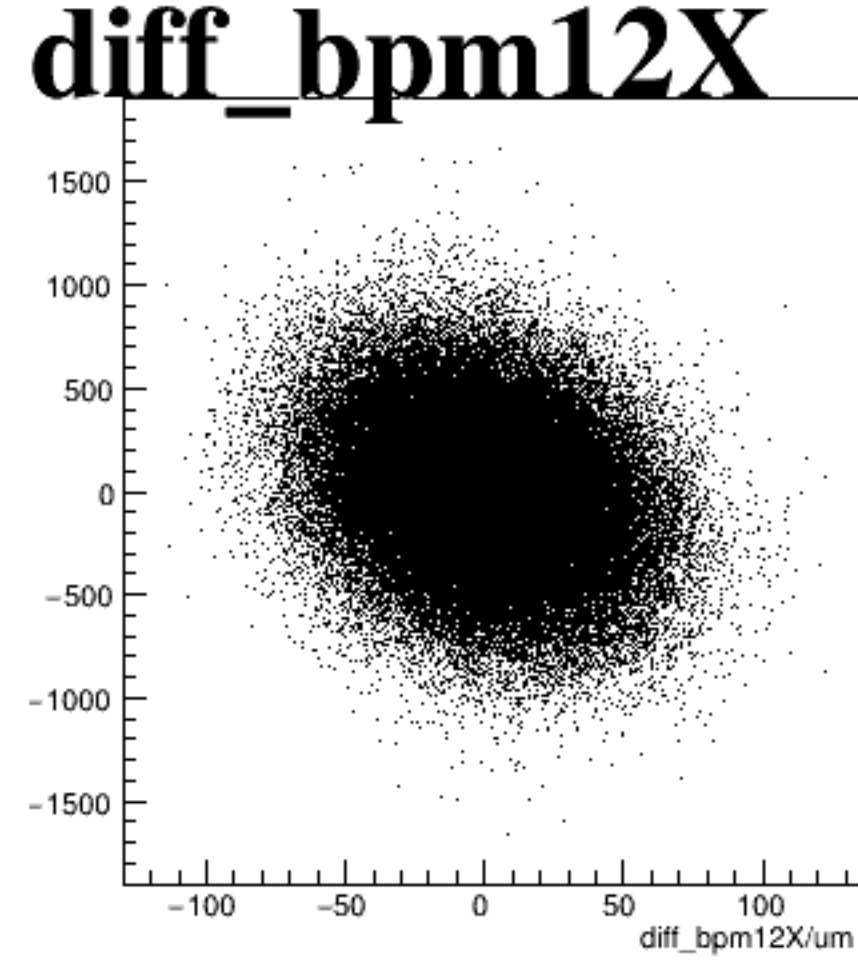
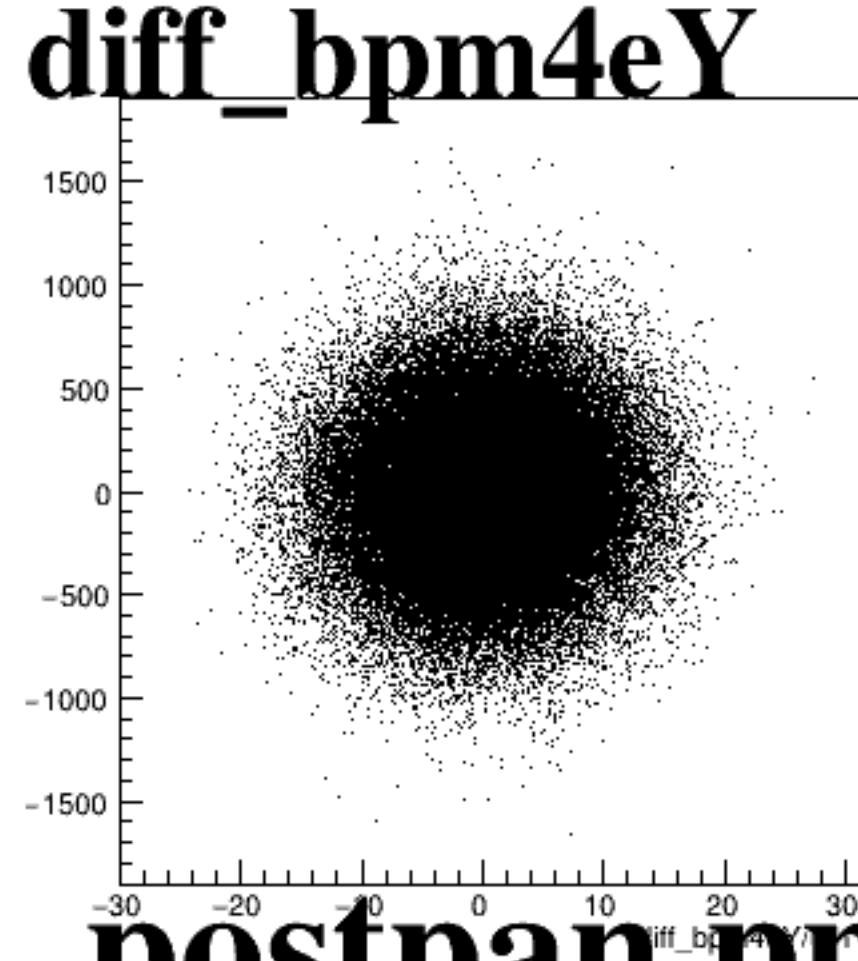
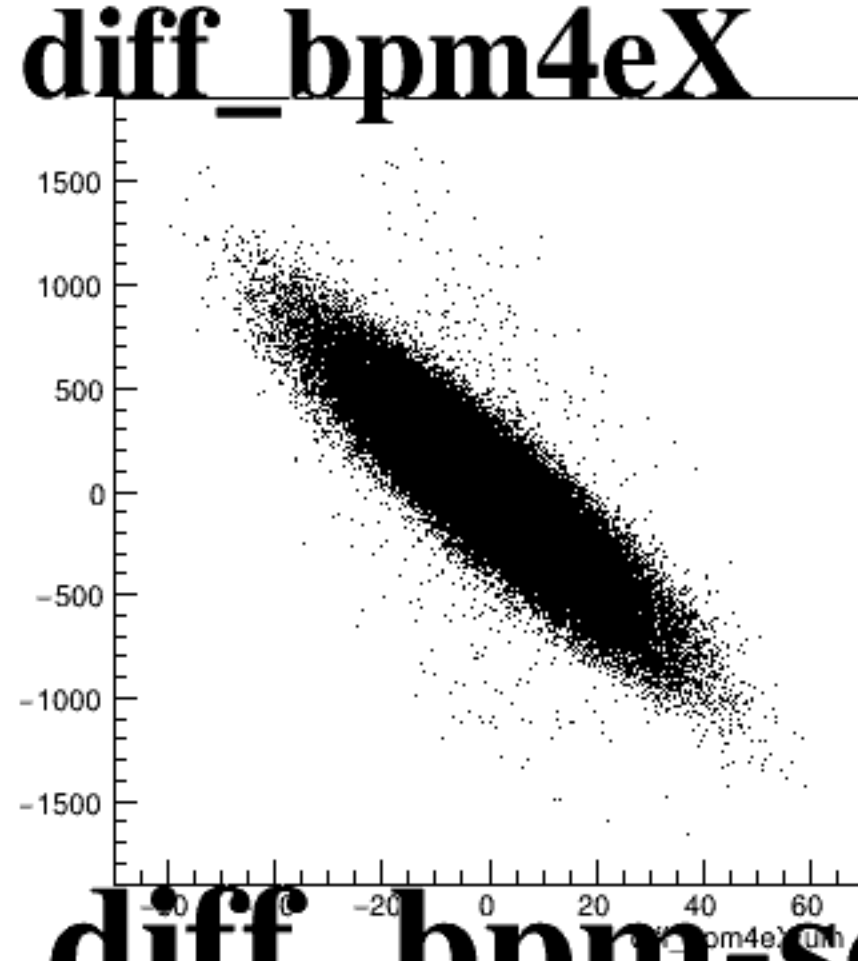
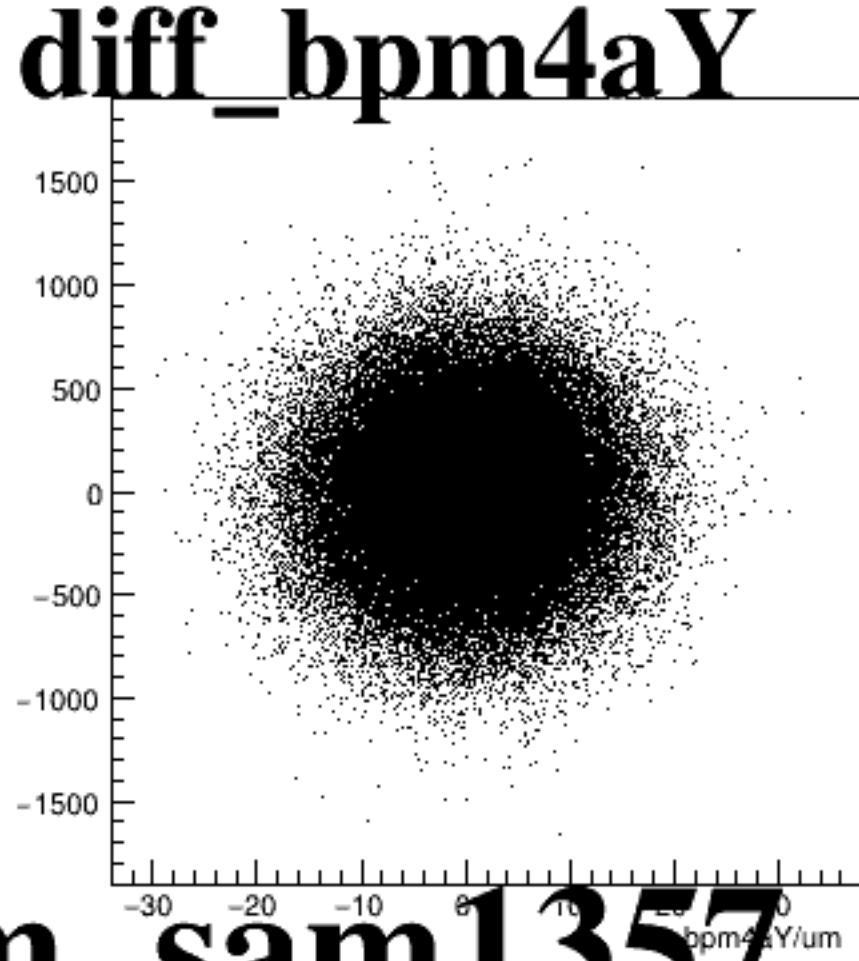
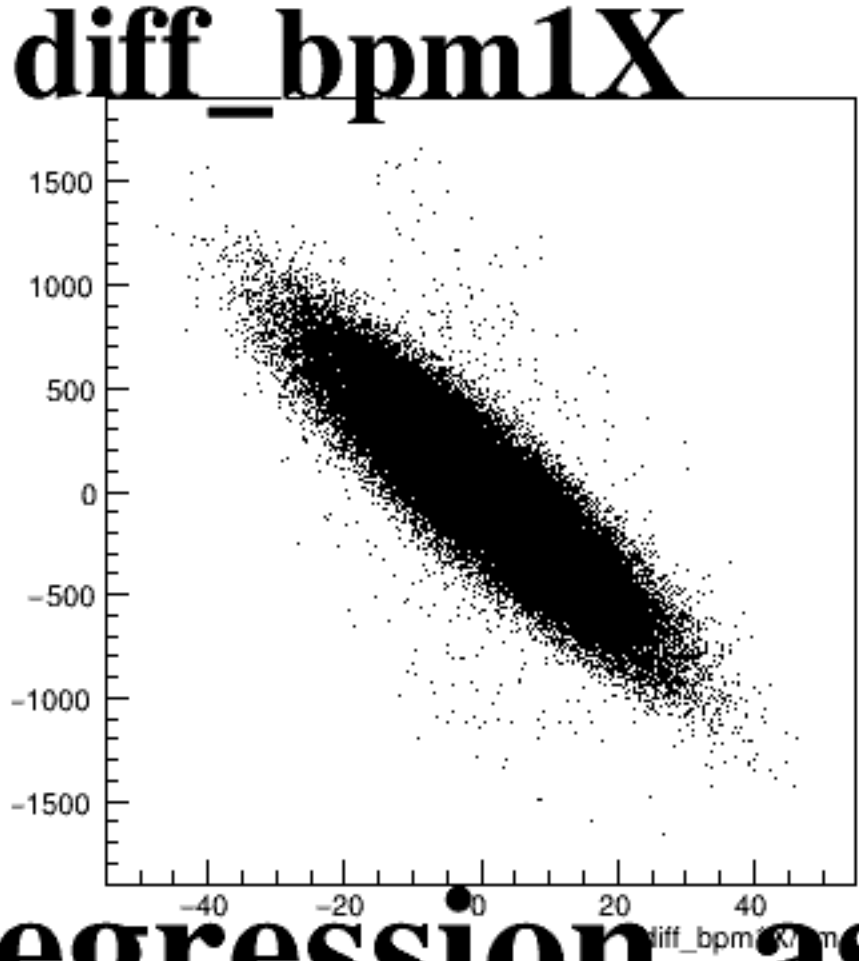
asym\_sam3



asym\_sam5



asym\_sam7





run5464\_000\_regression\_reg\_sam1357\_vs\_diff\_bpm-scat\_postpan.png