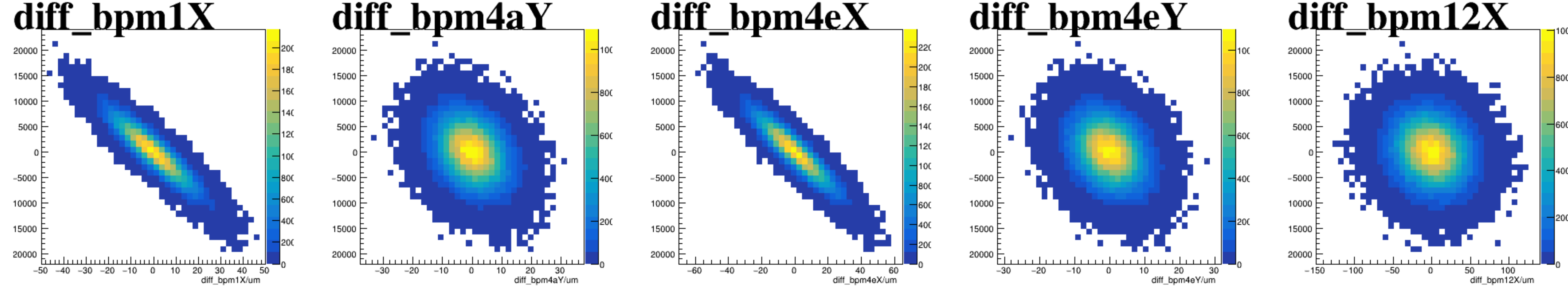
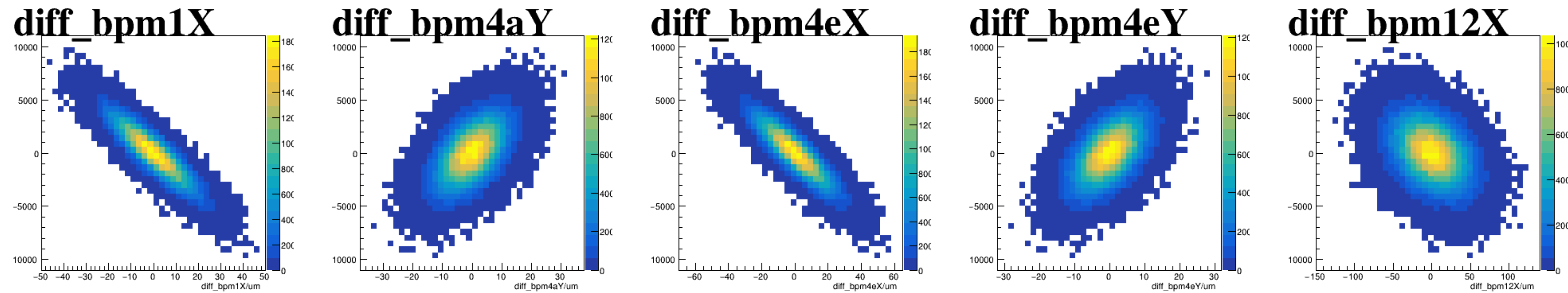


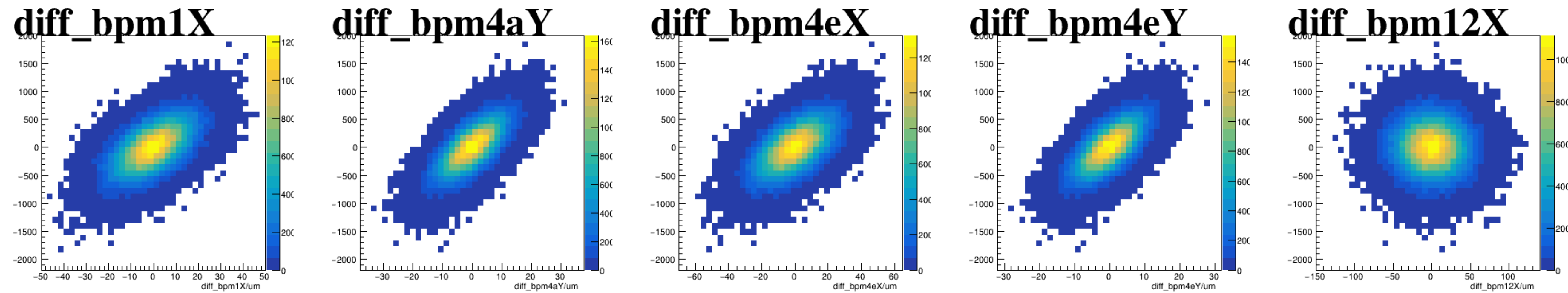
asym_sam2



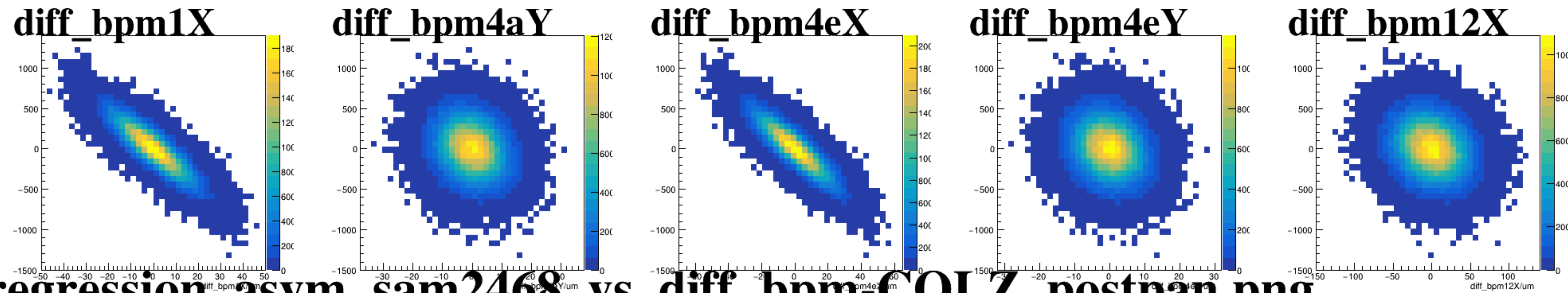
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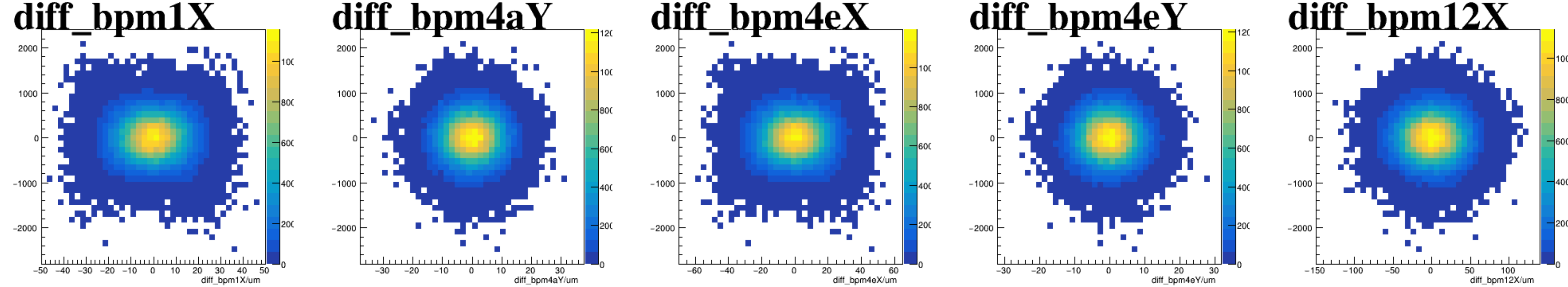
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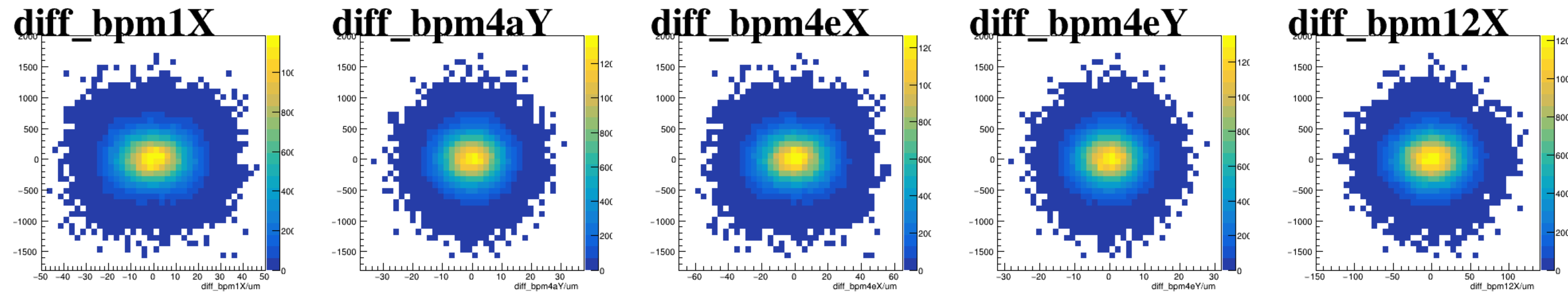
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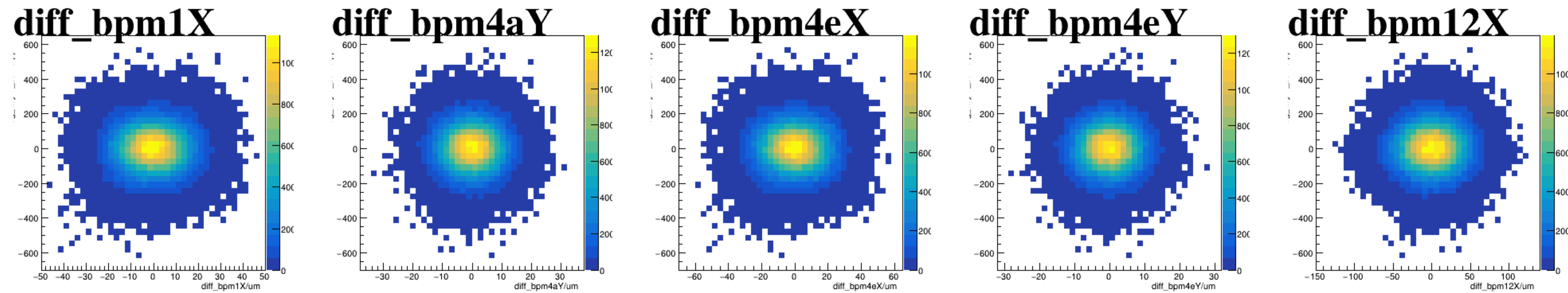
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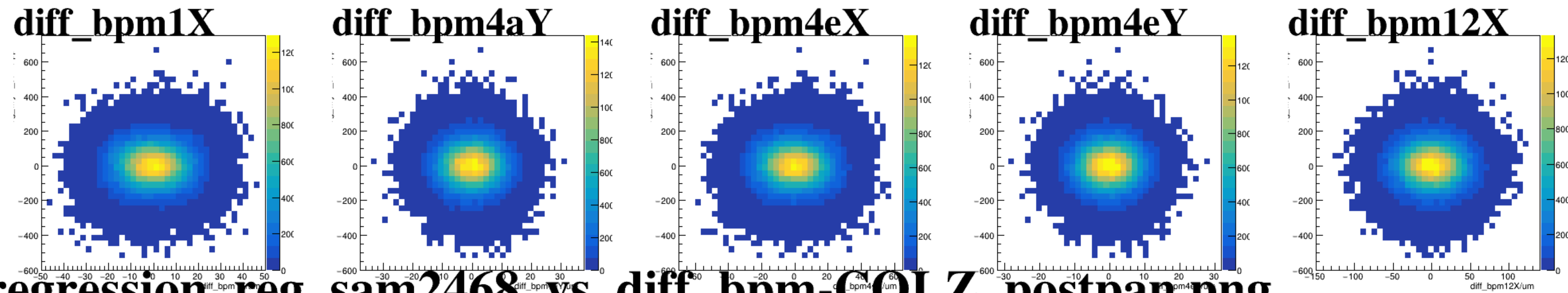
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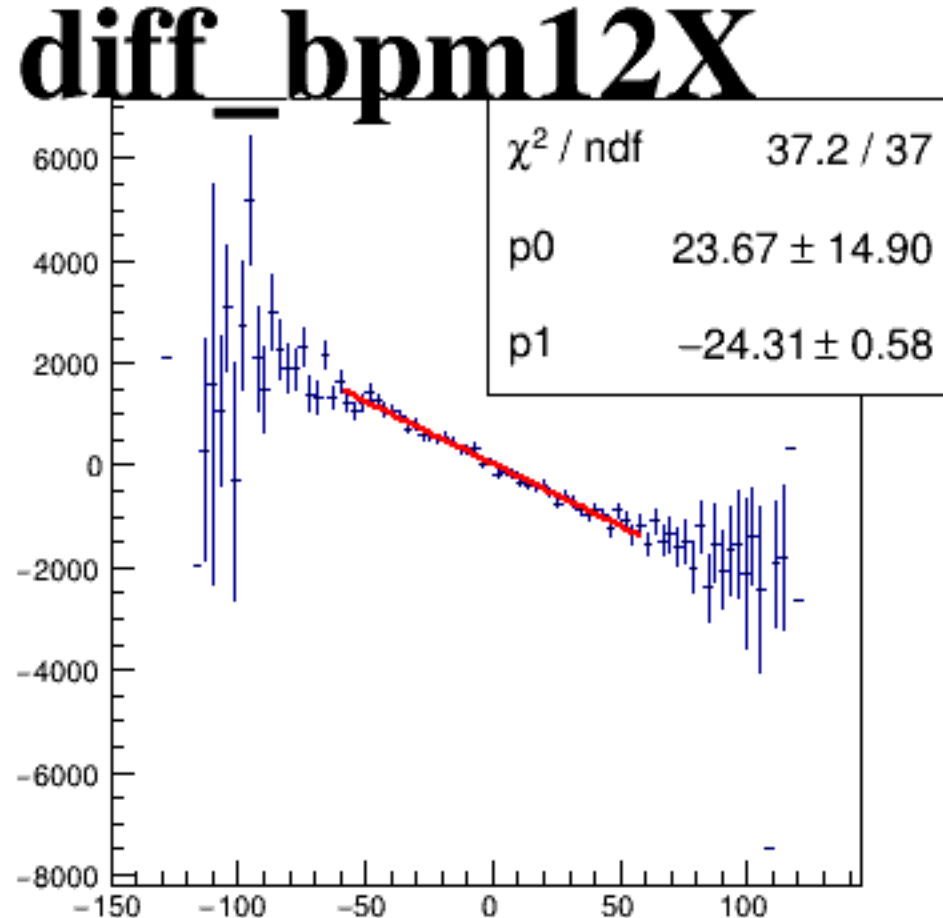
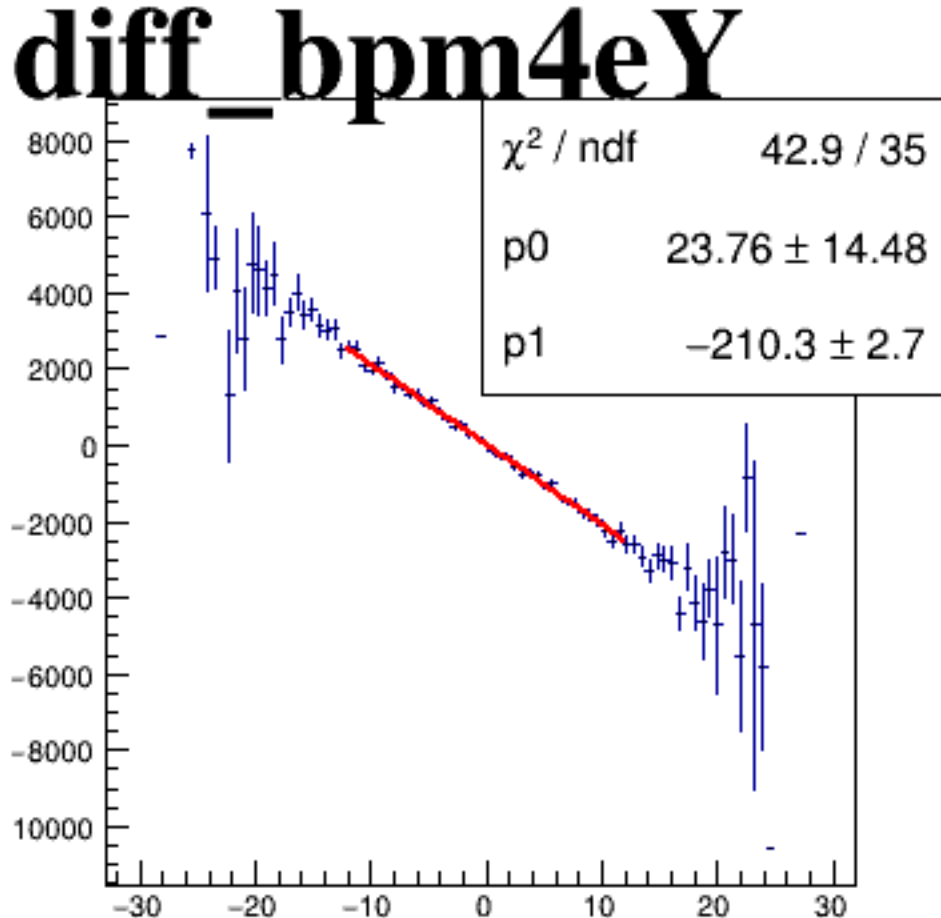
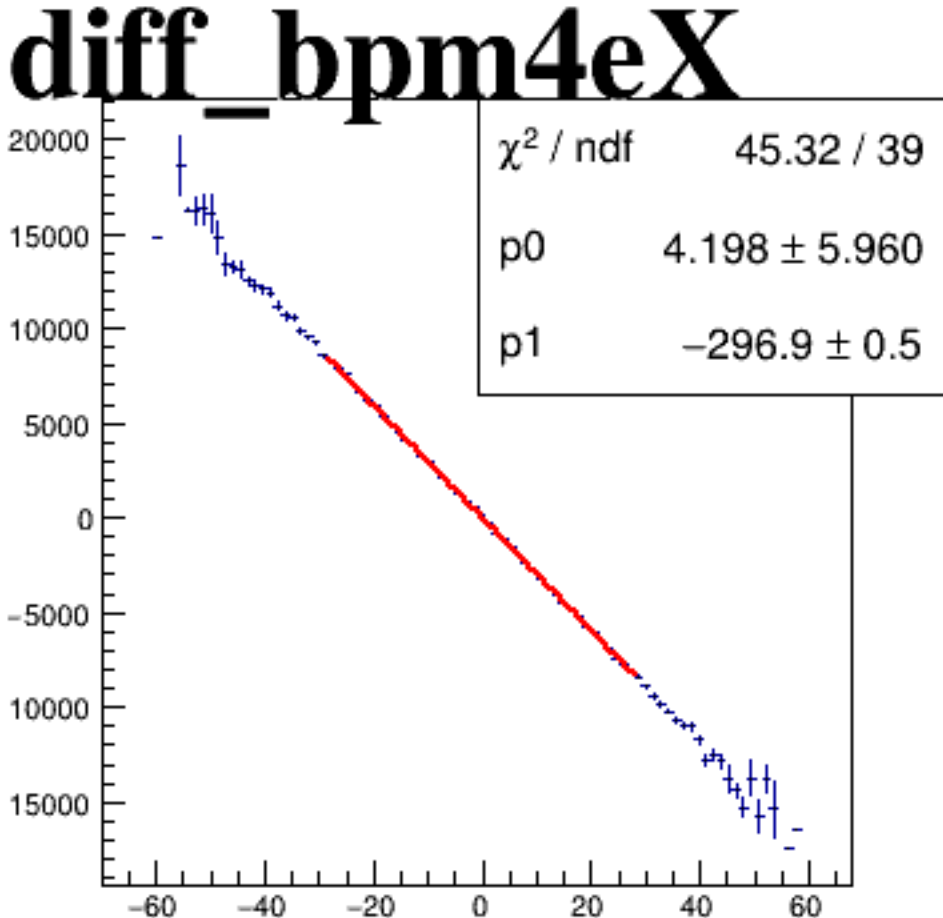
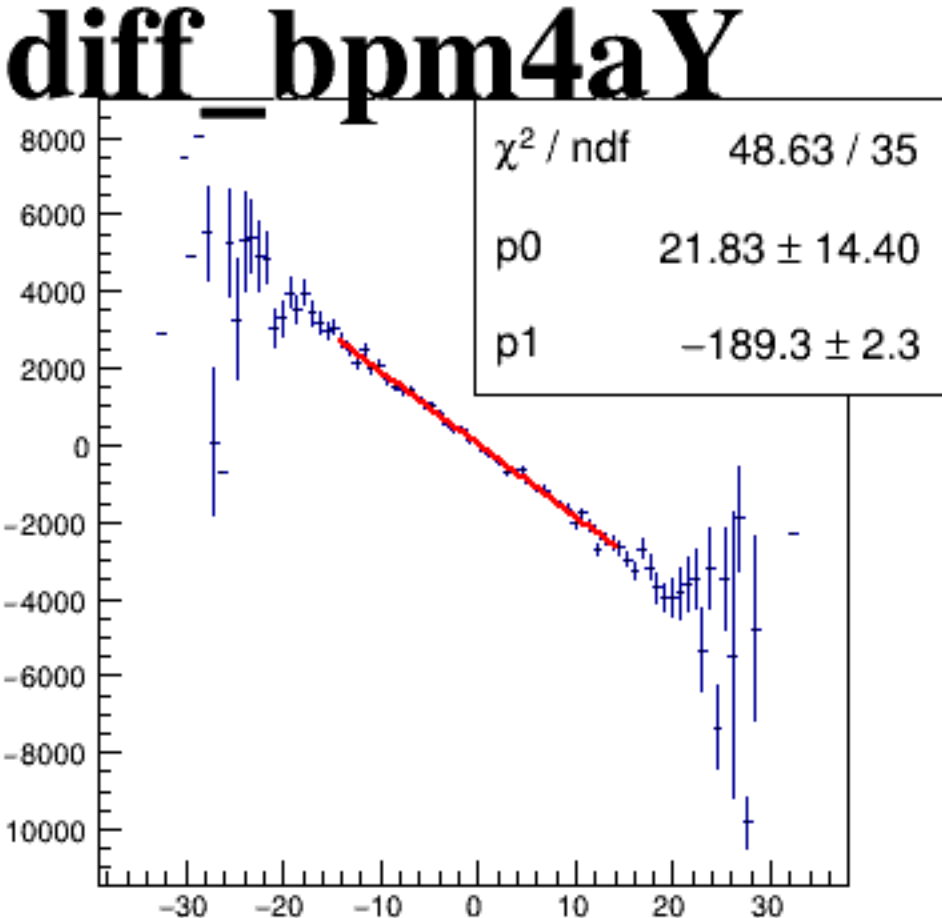
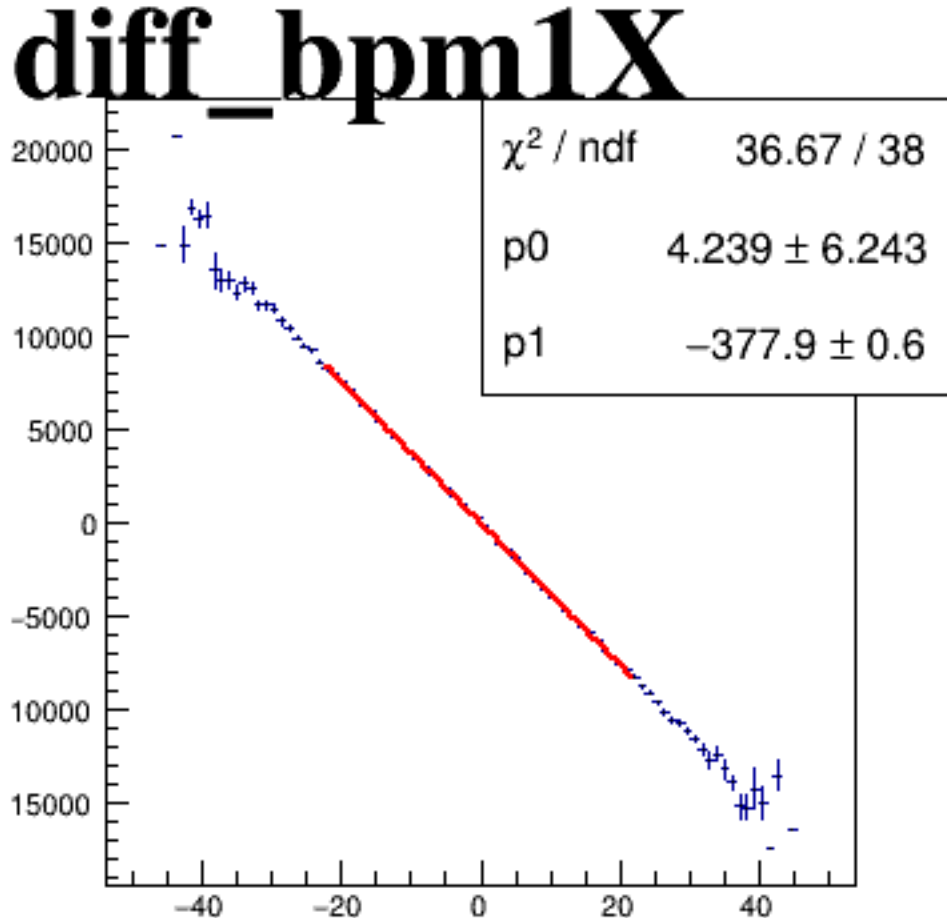
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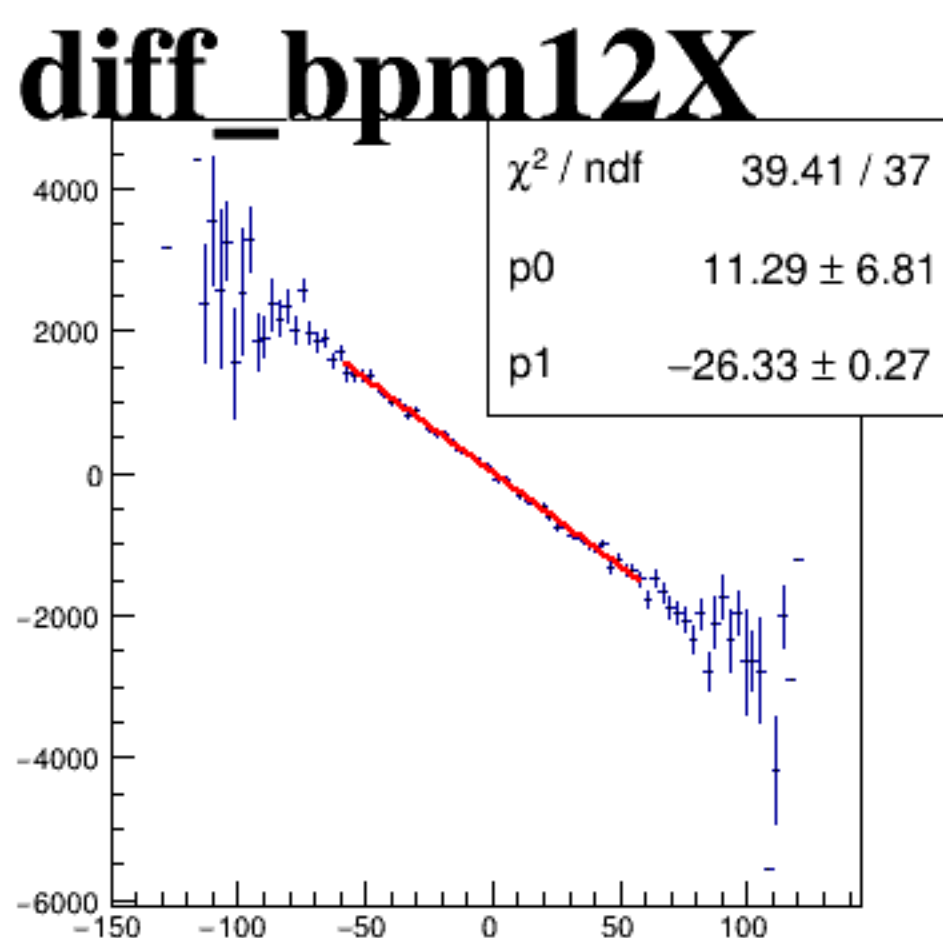
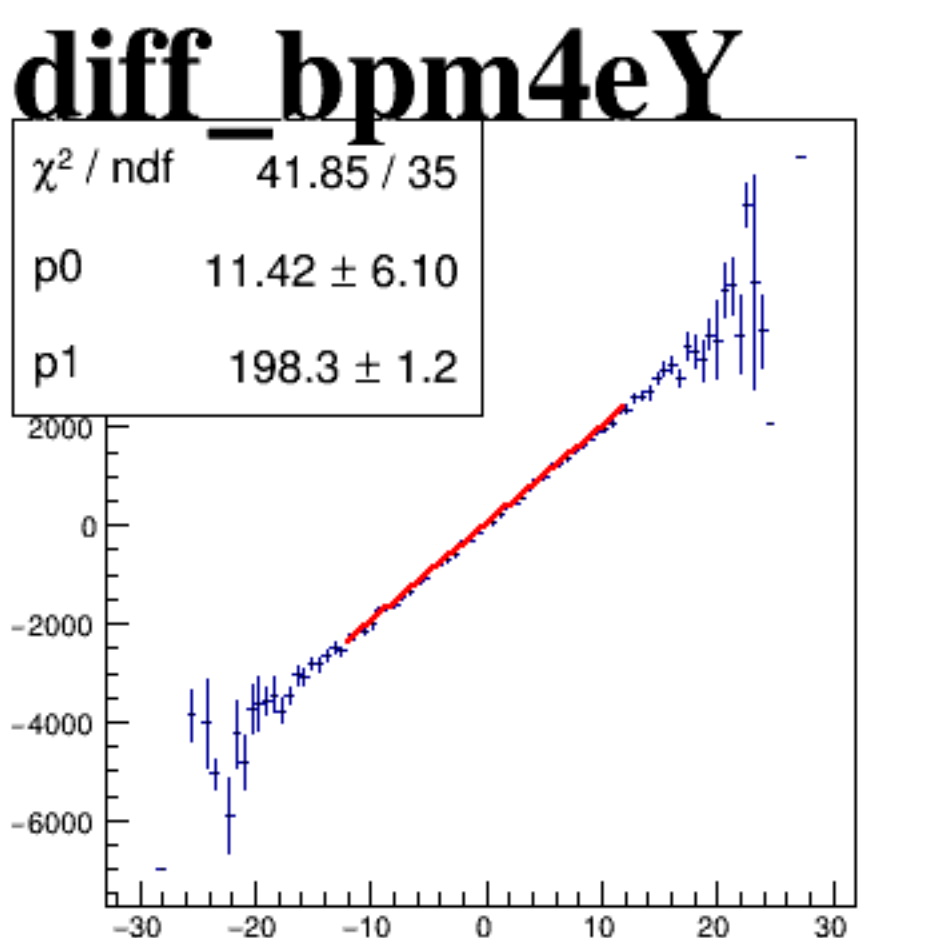
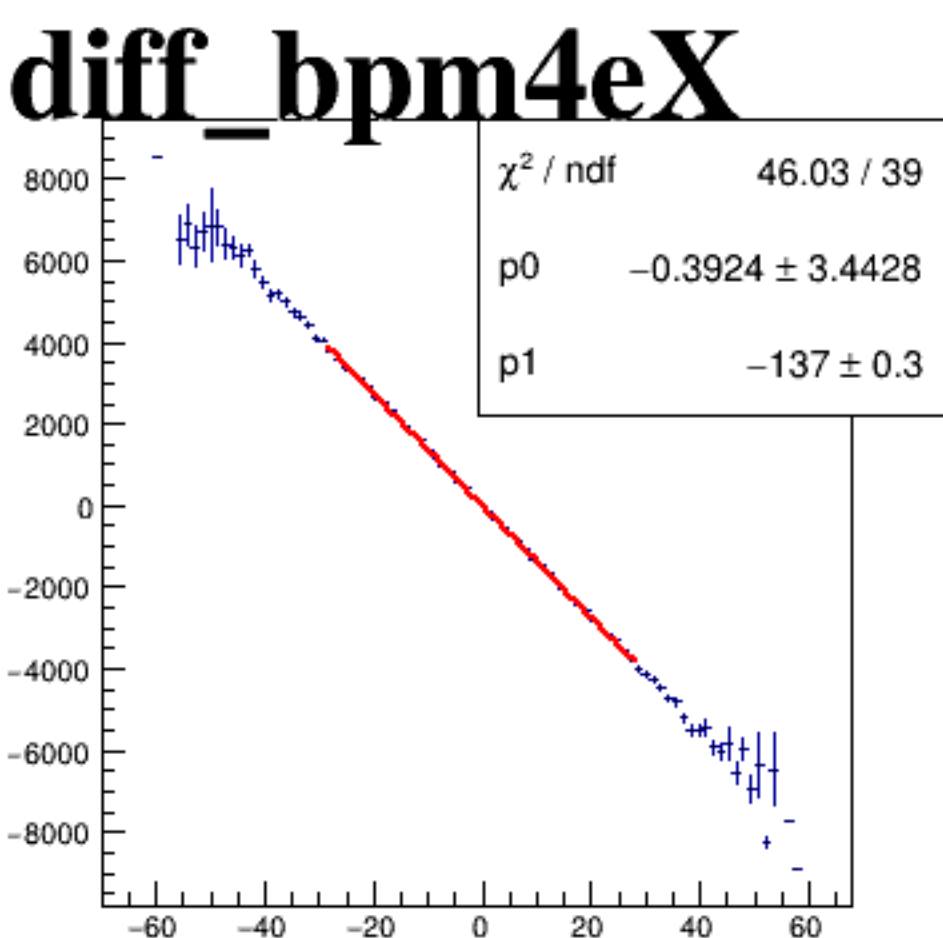
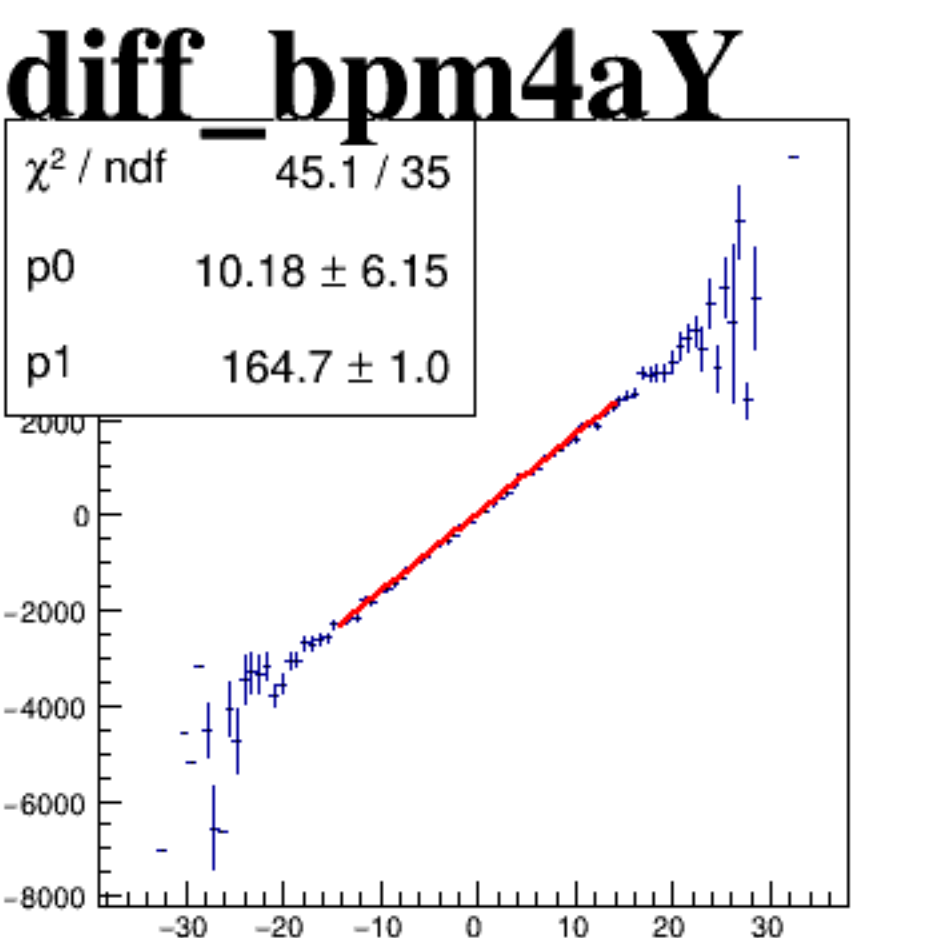
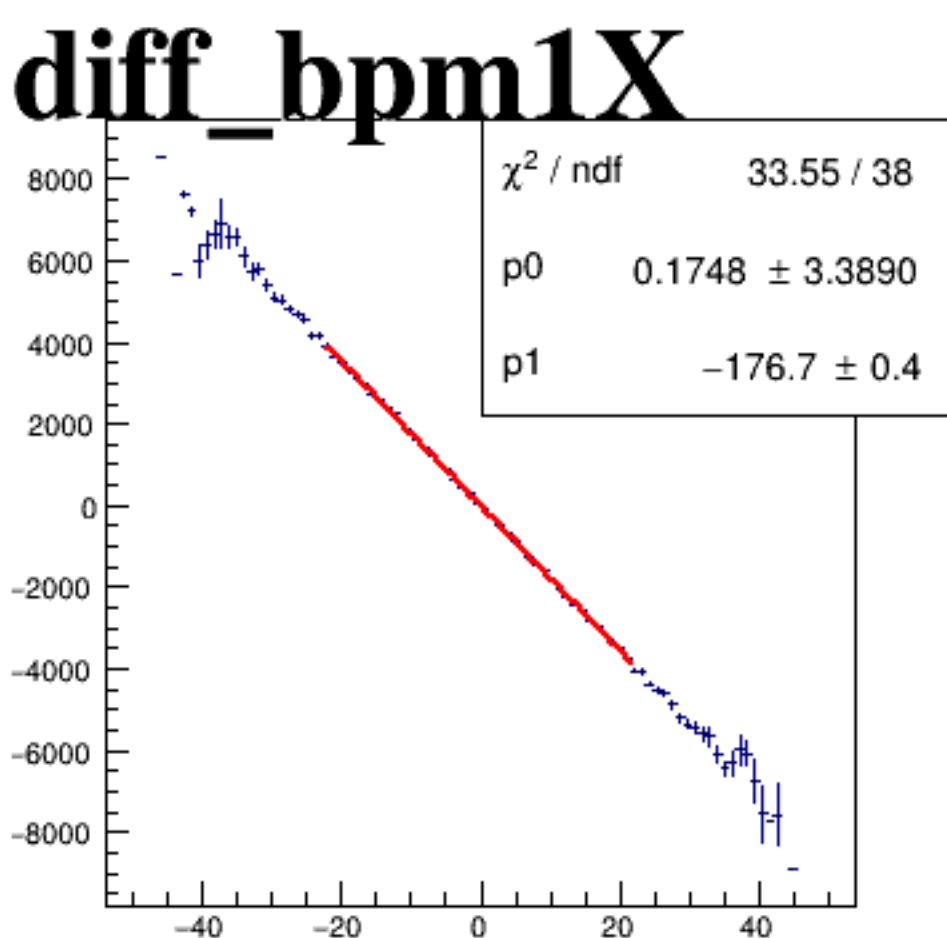
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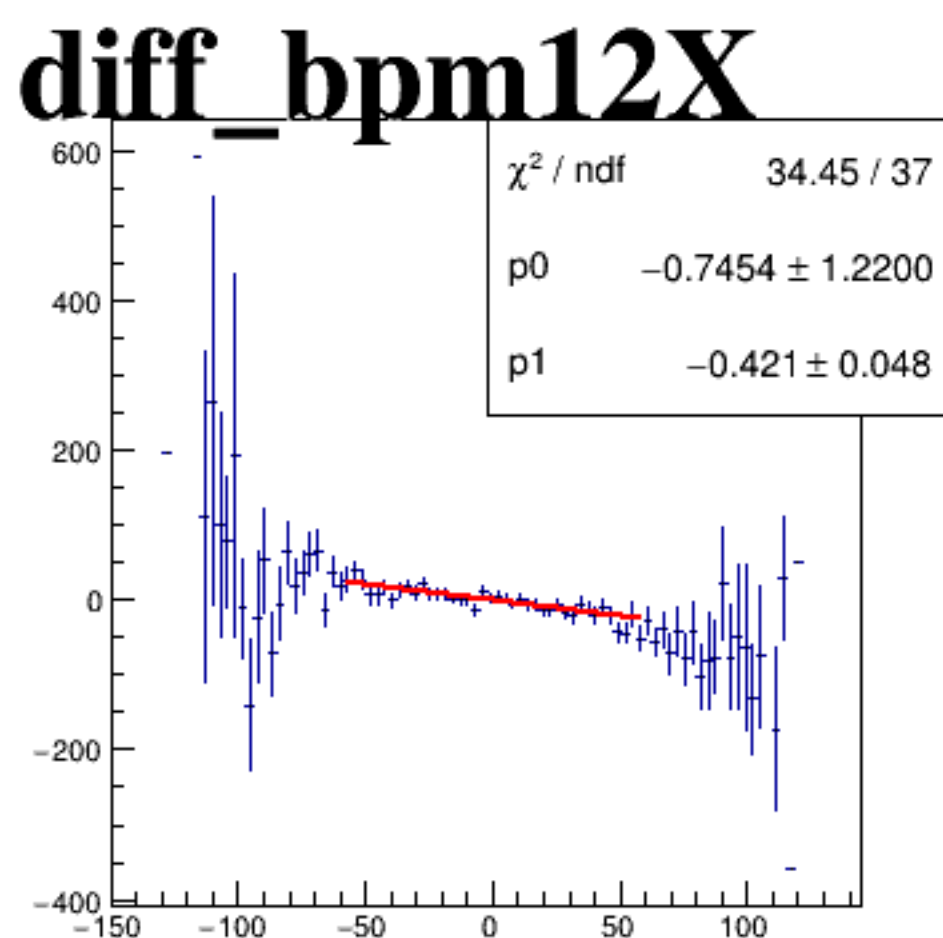
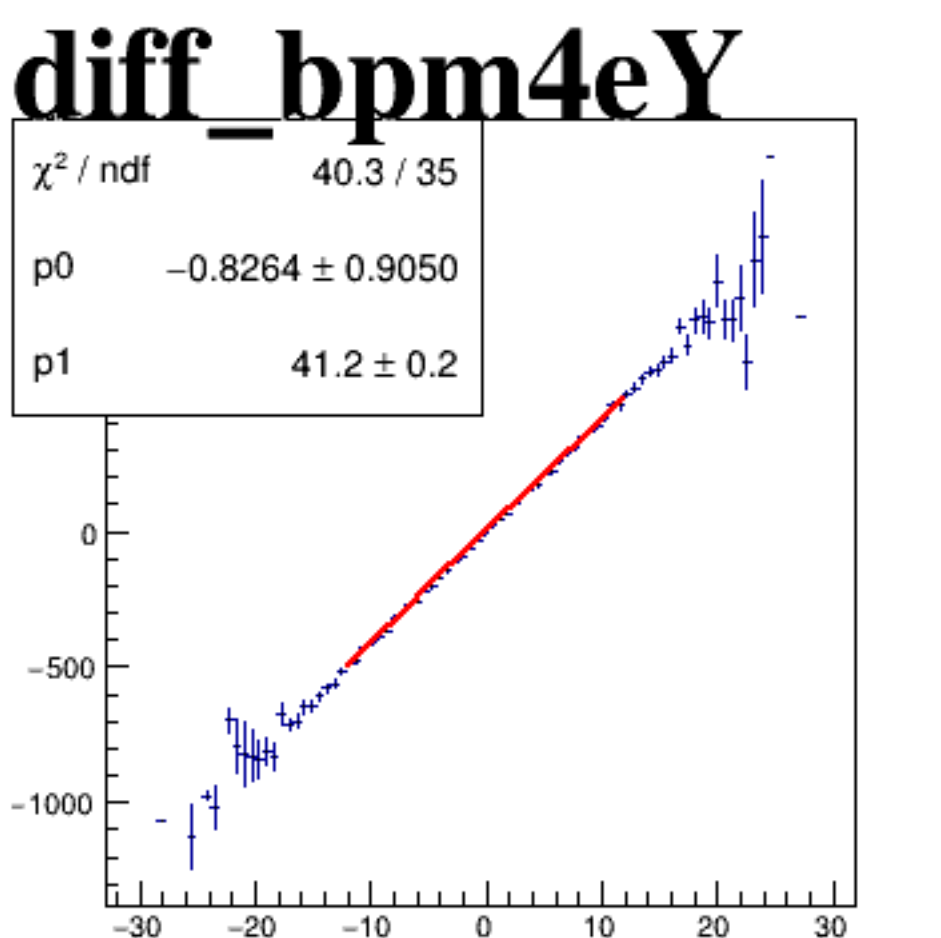
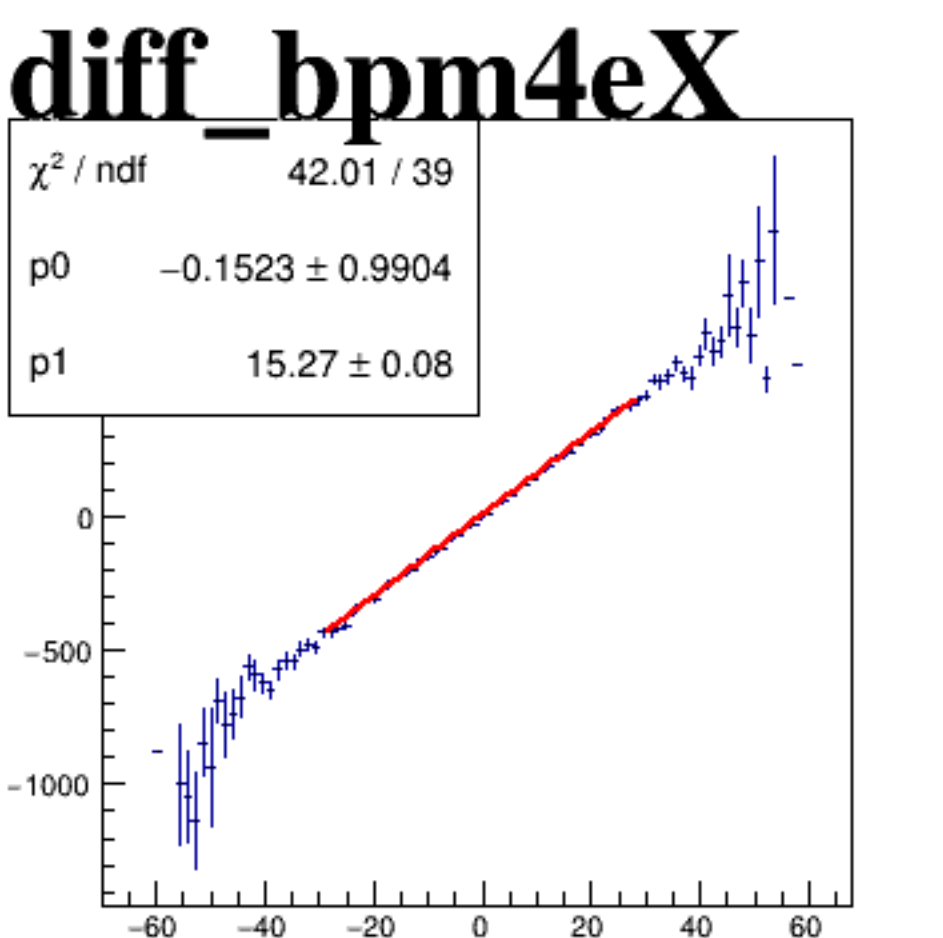
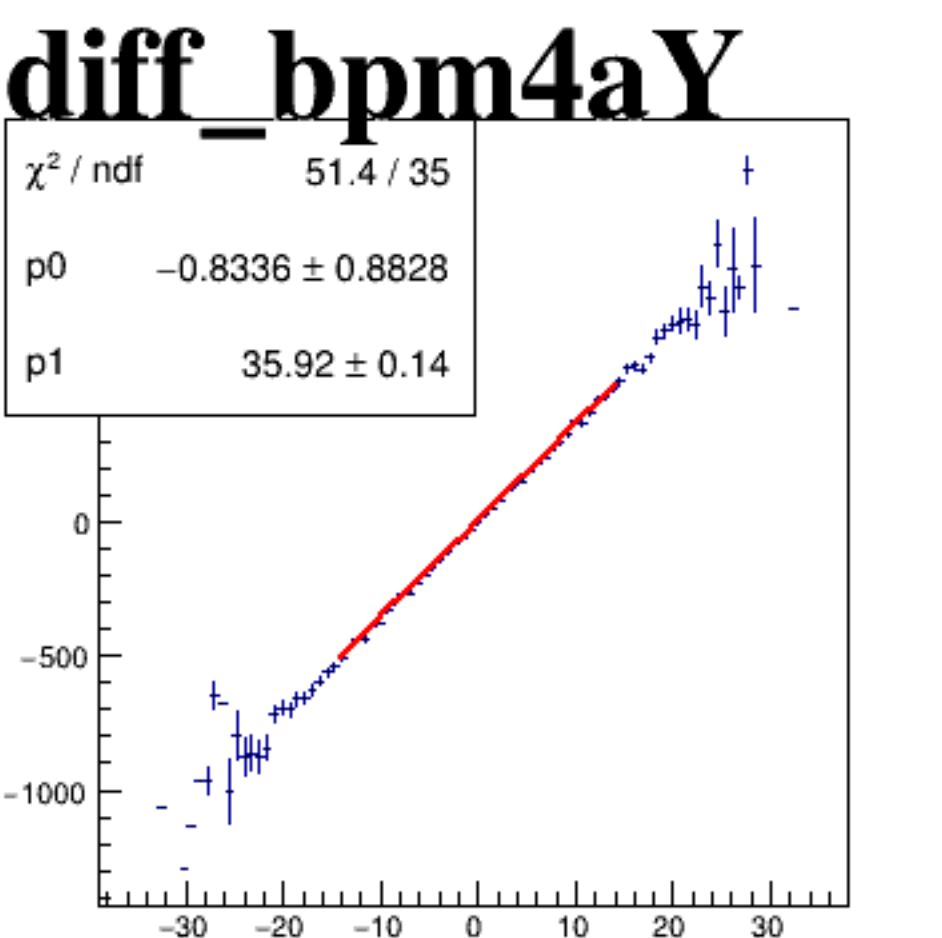
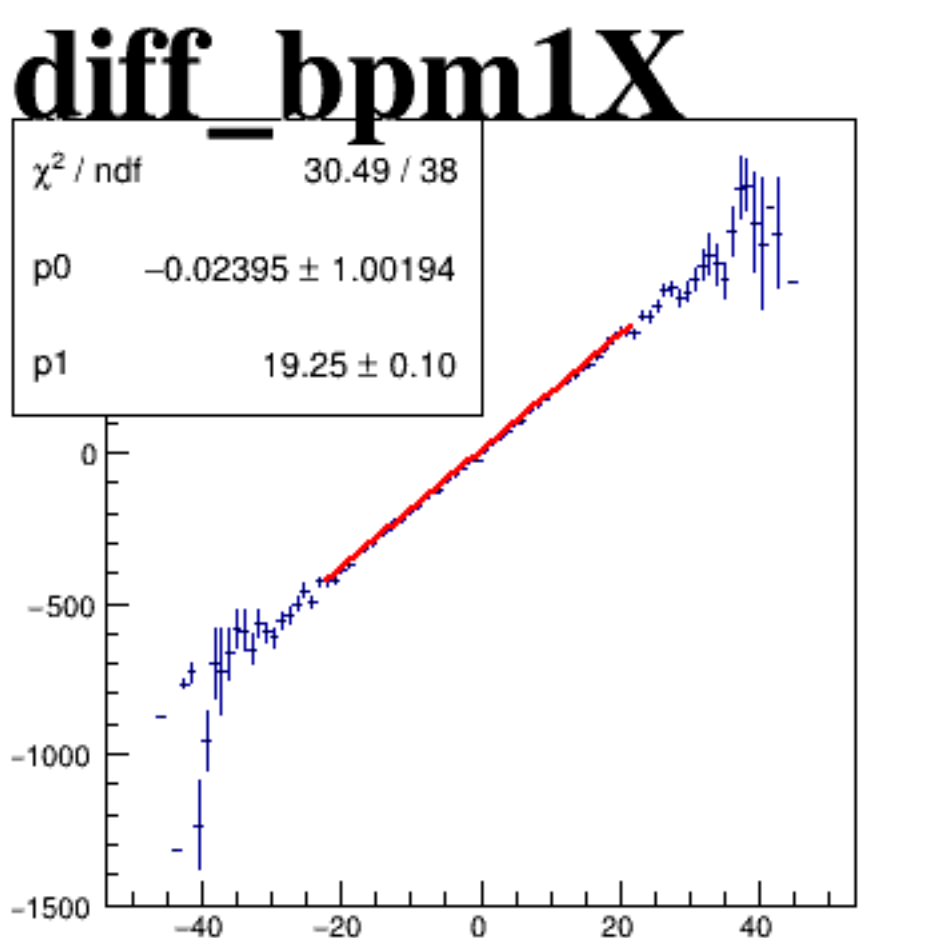
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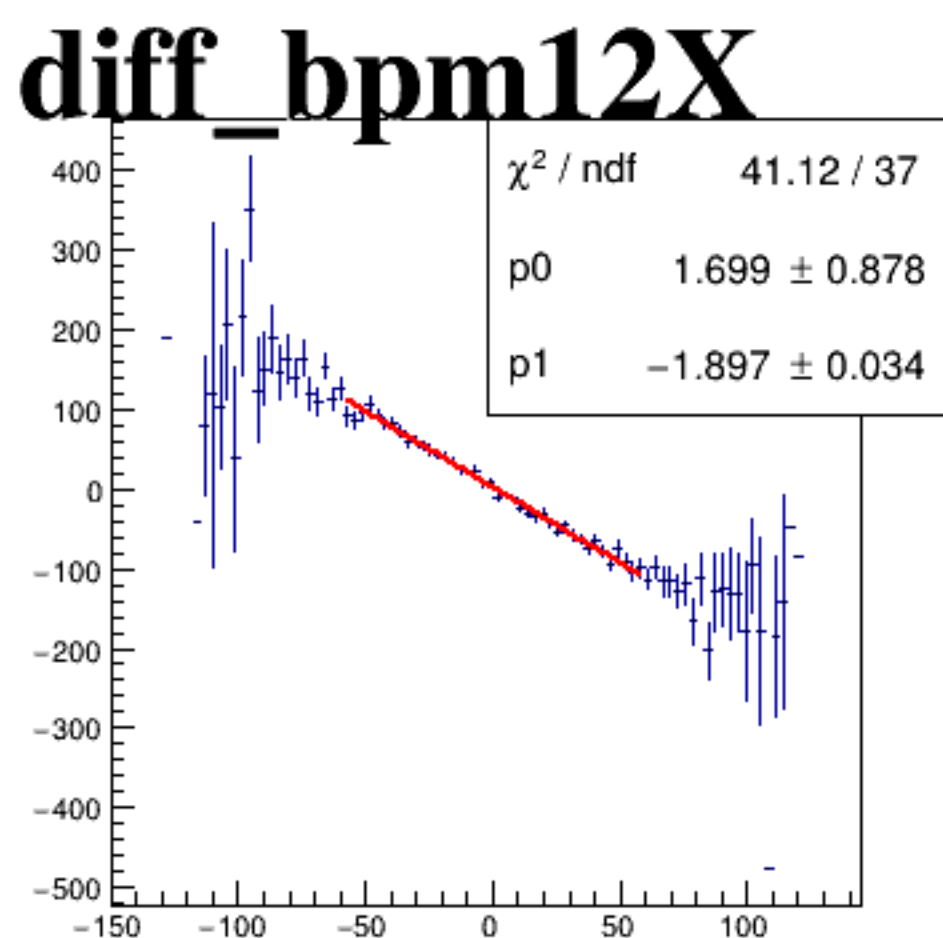
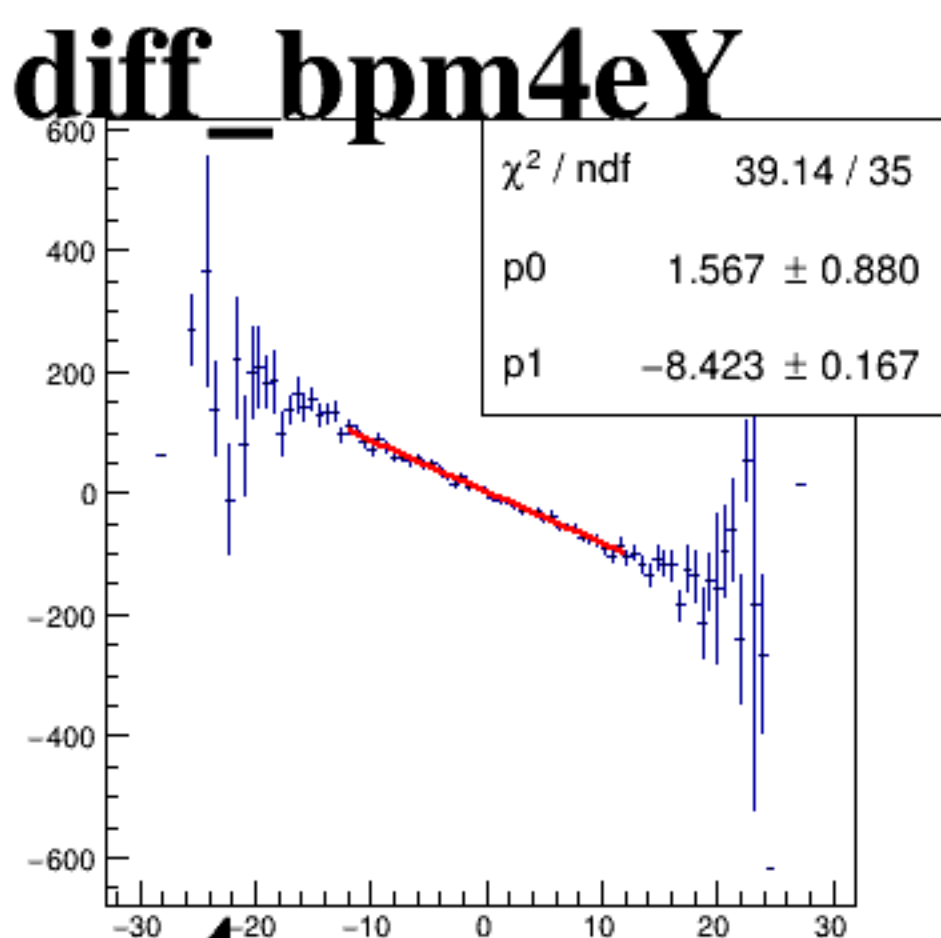
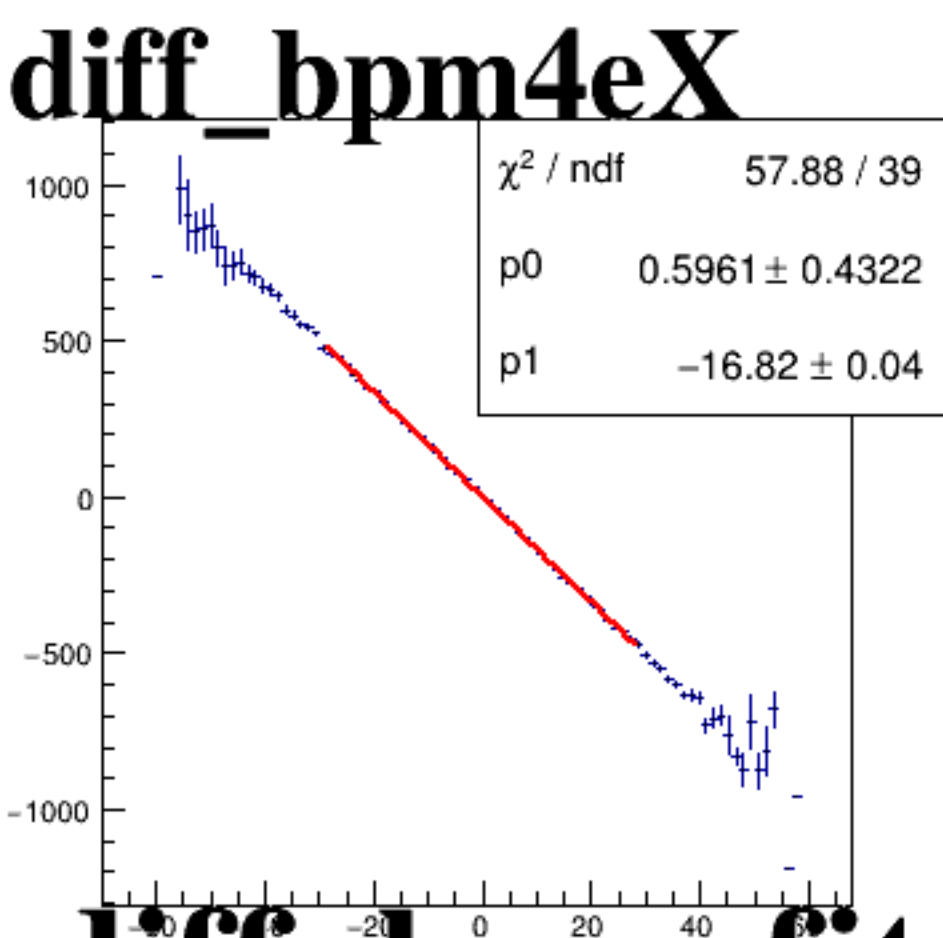
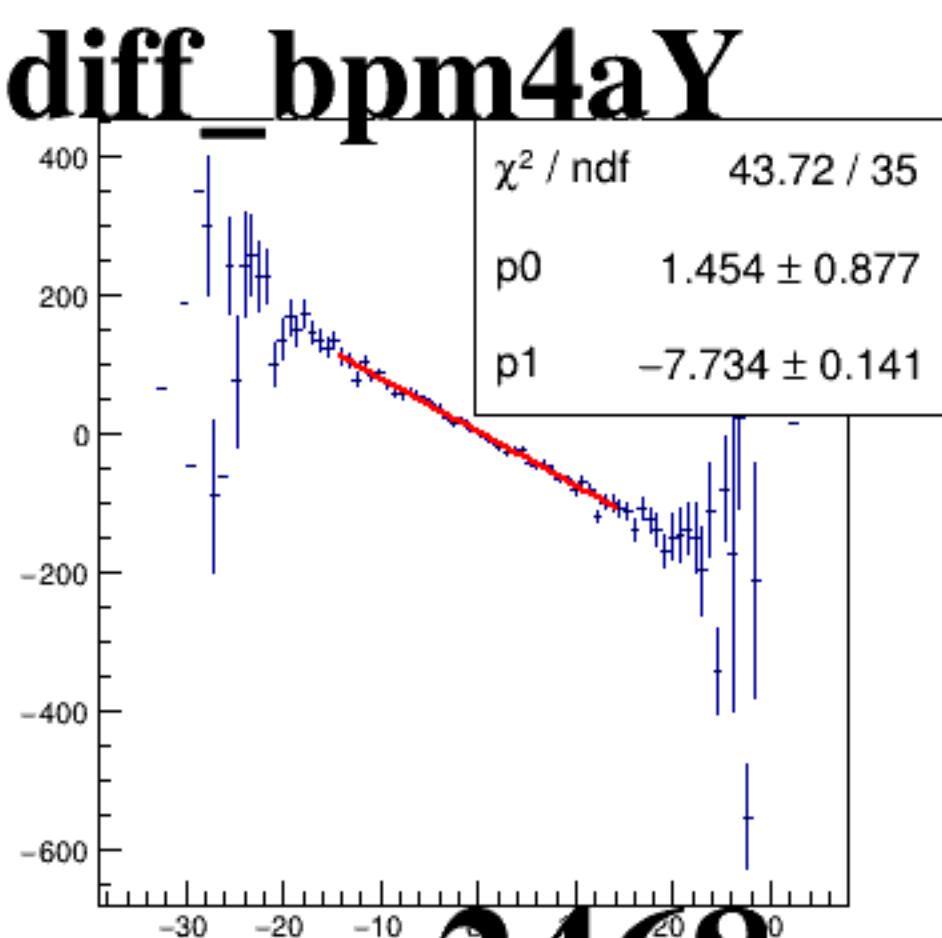
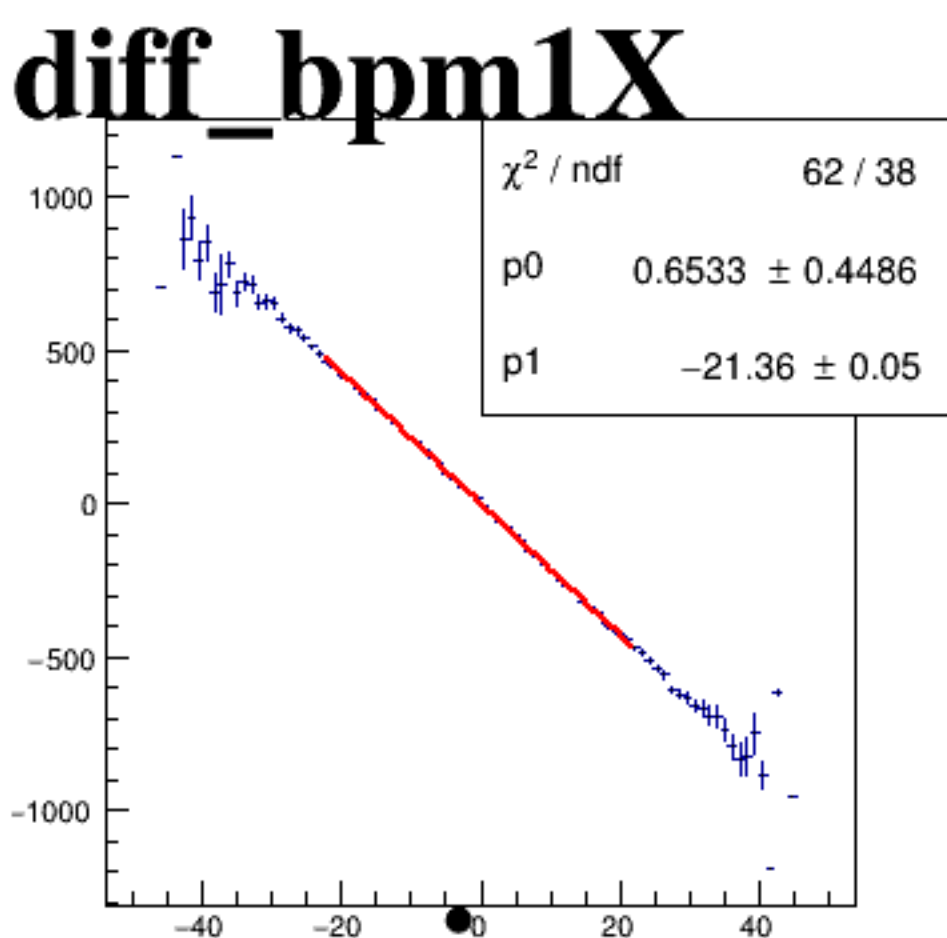
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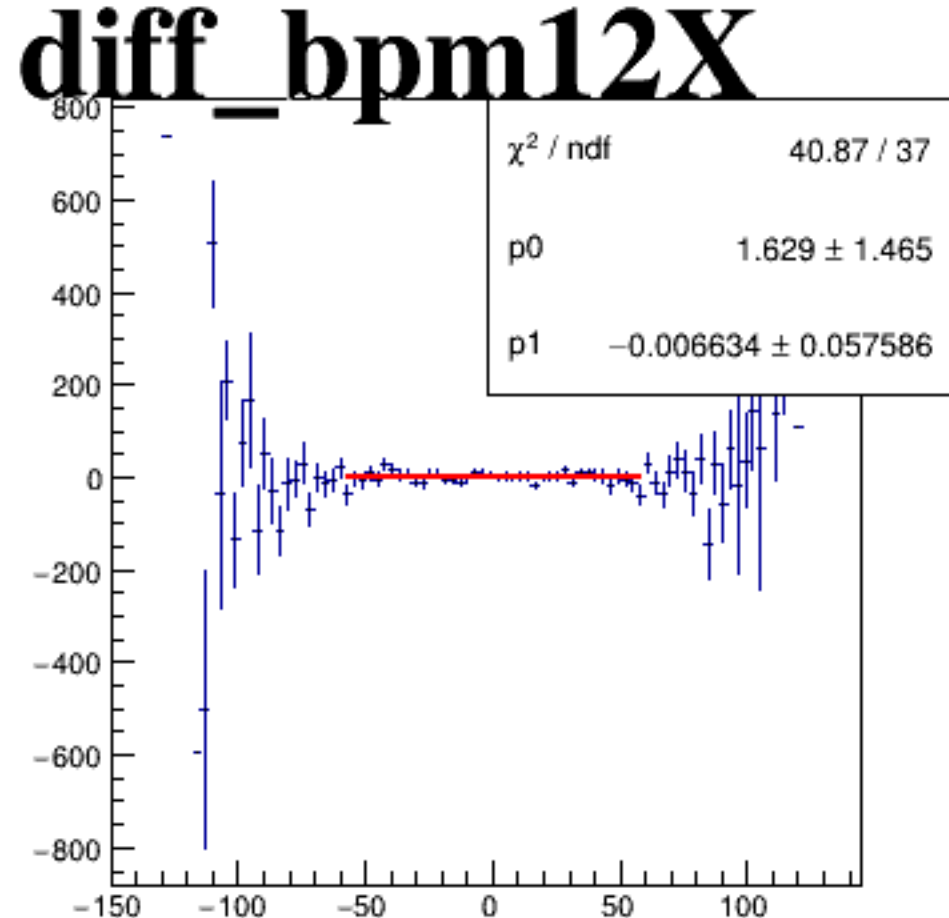
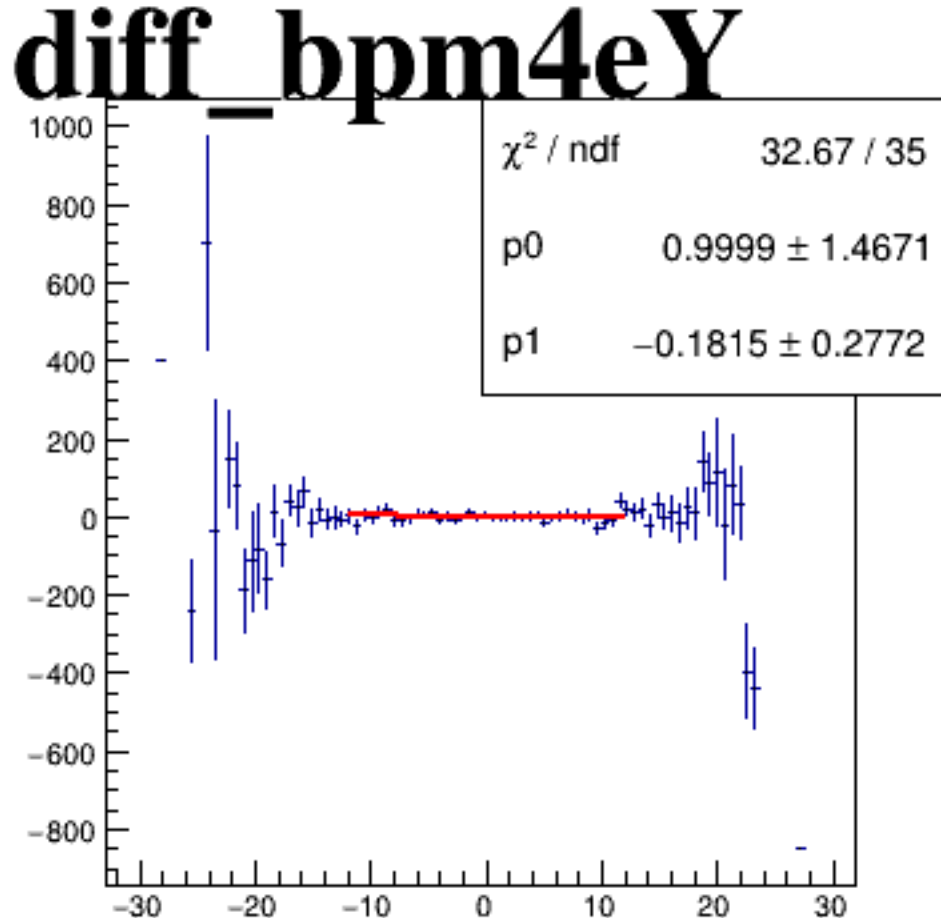
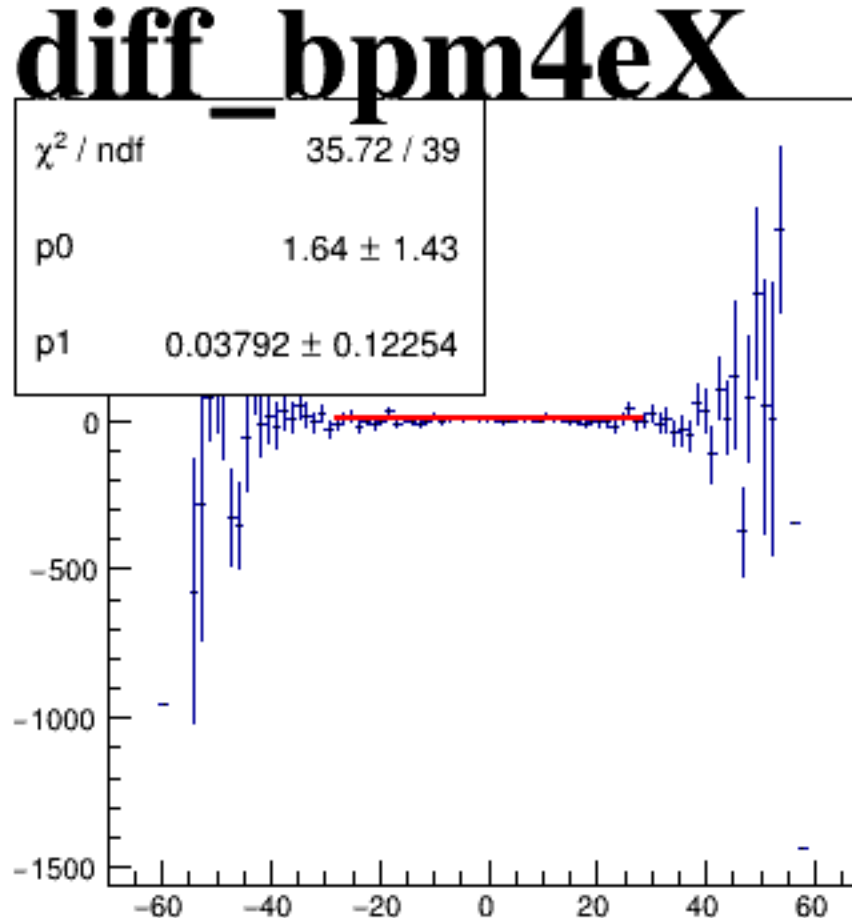
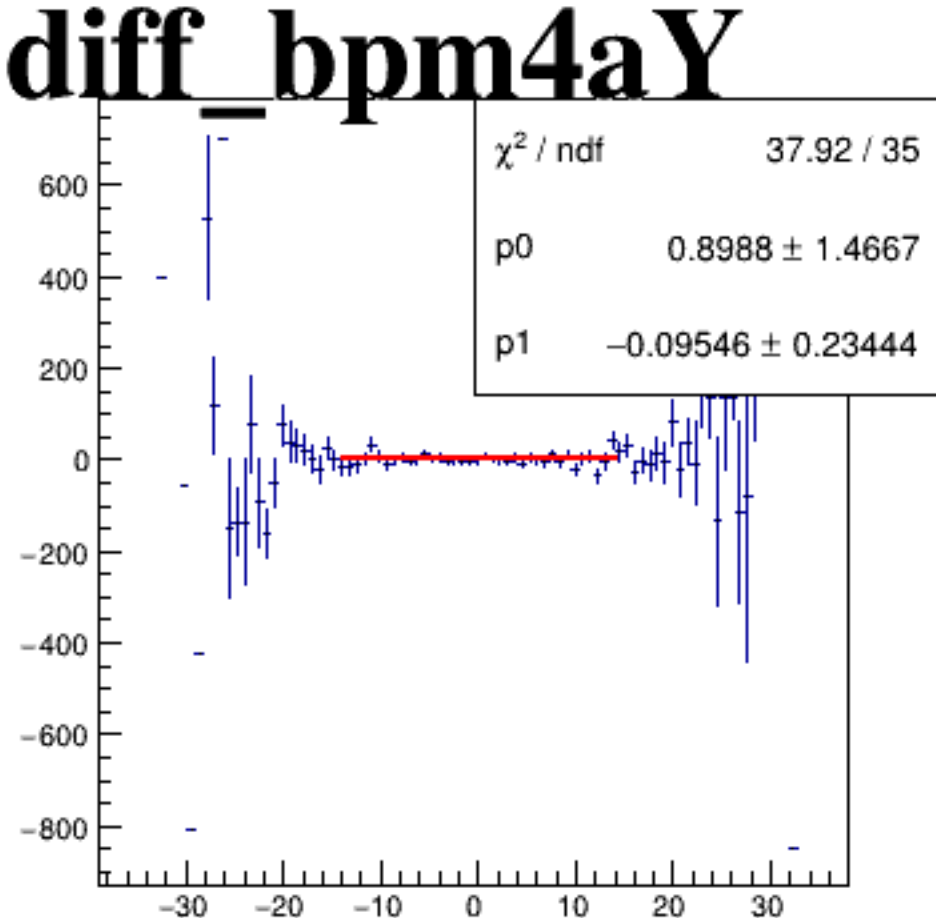
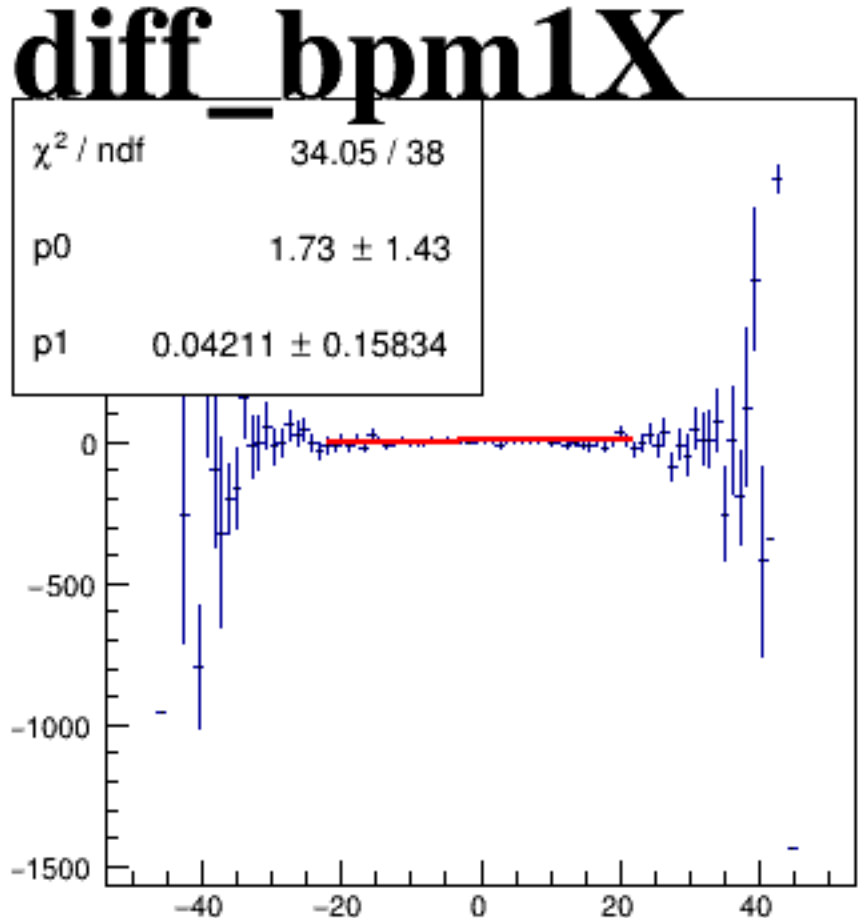
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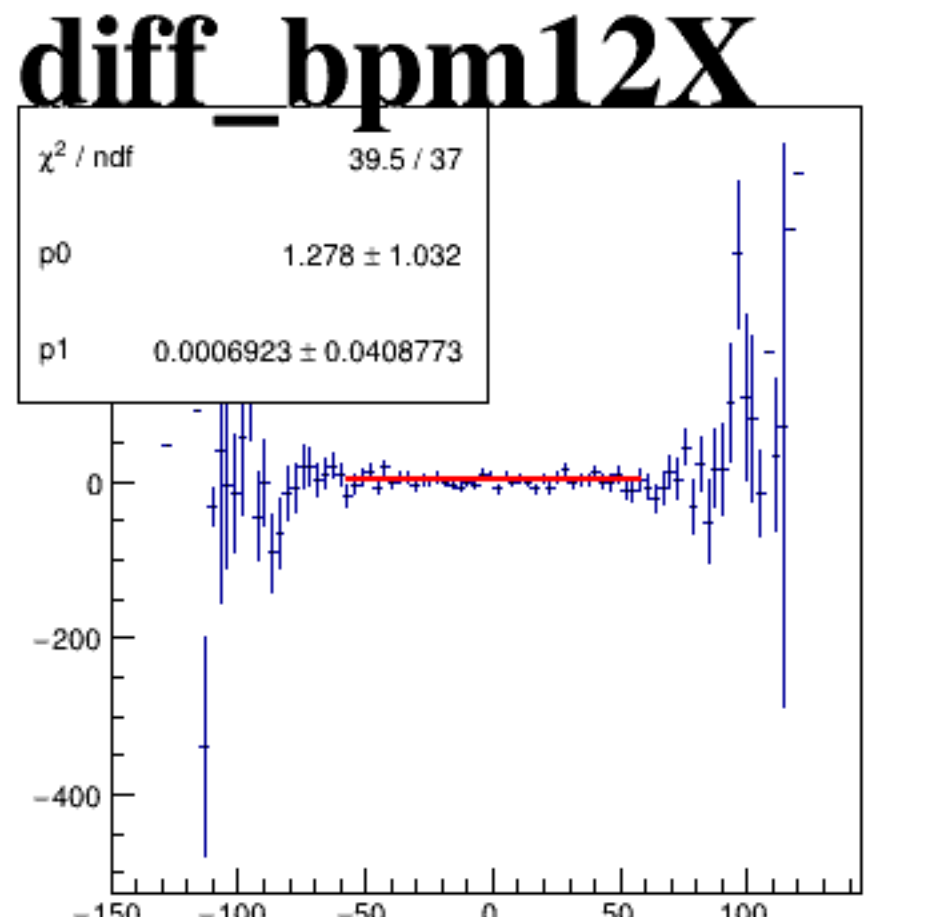
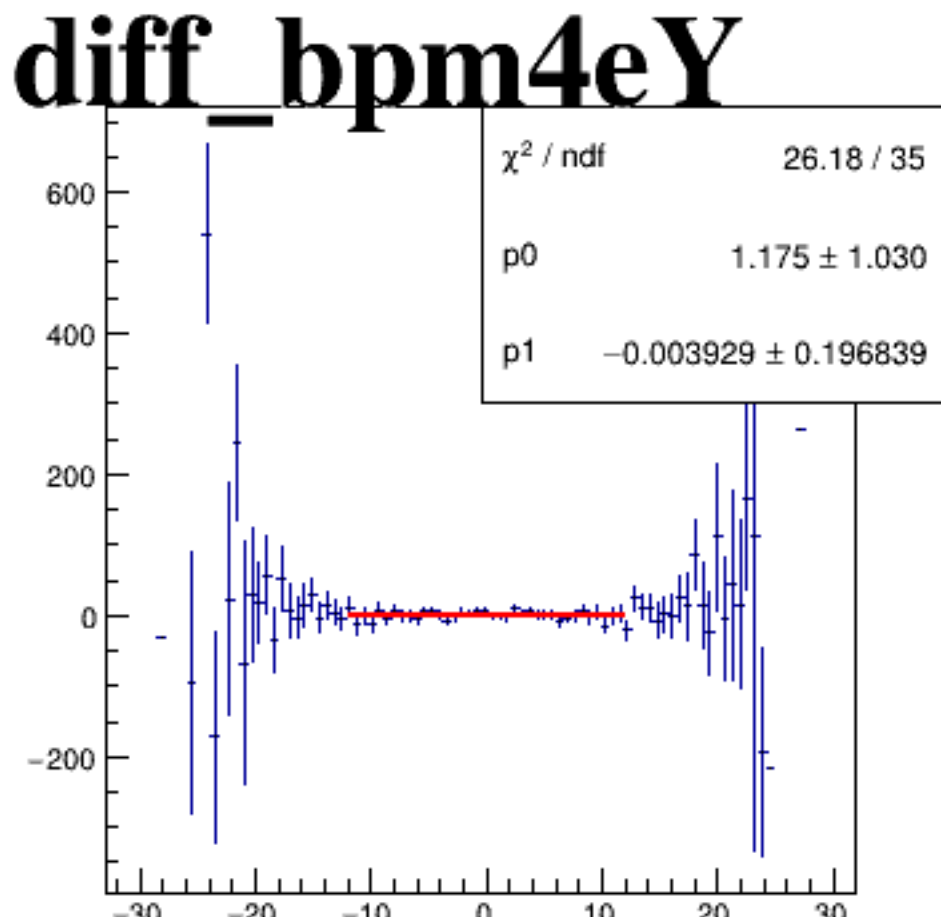
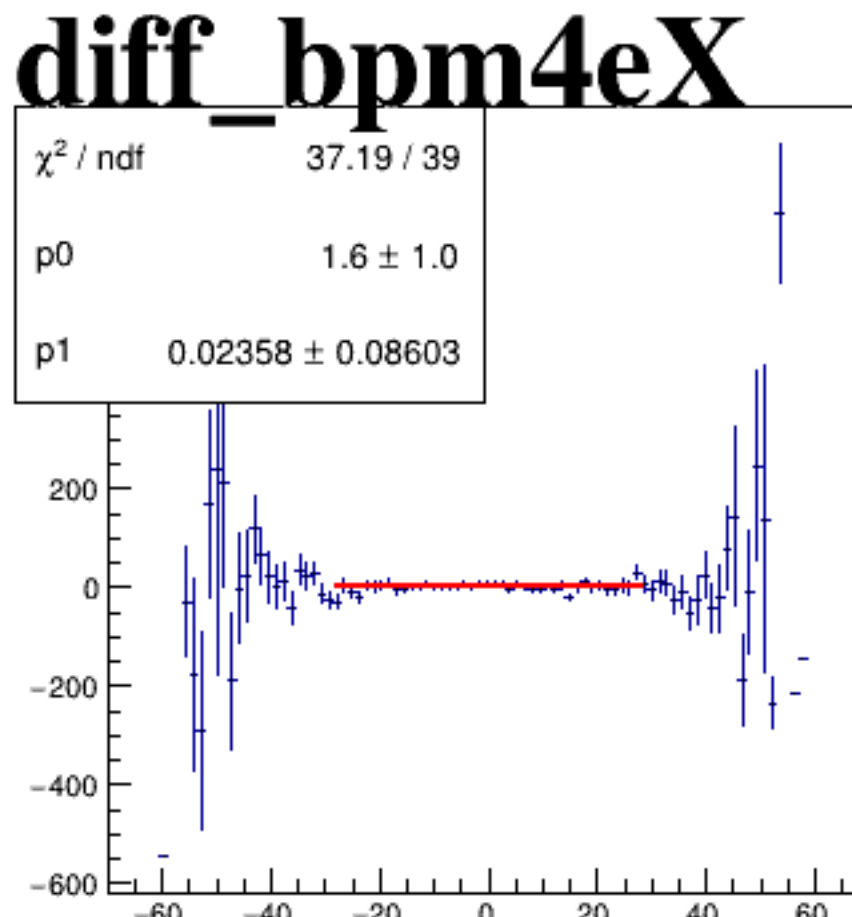
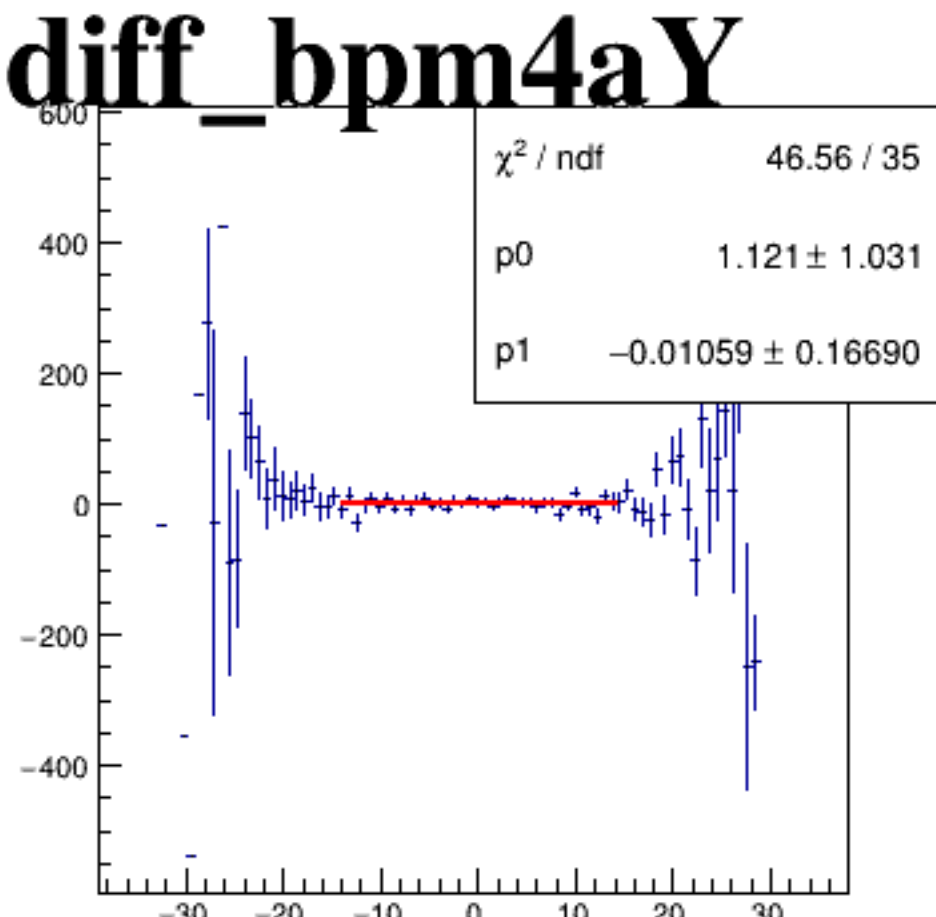
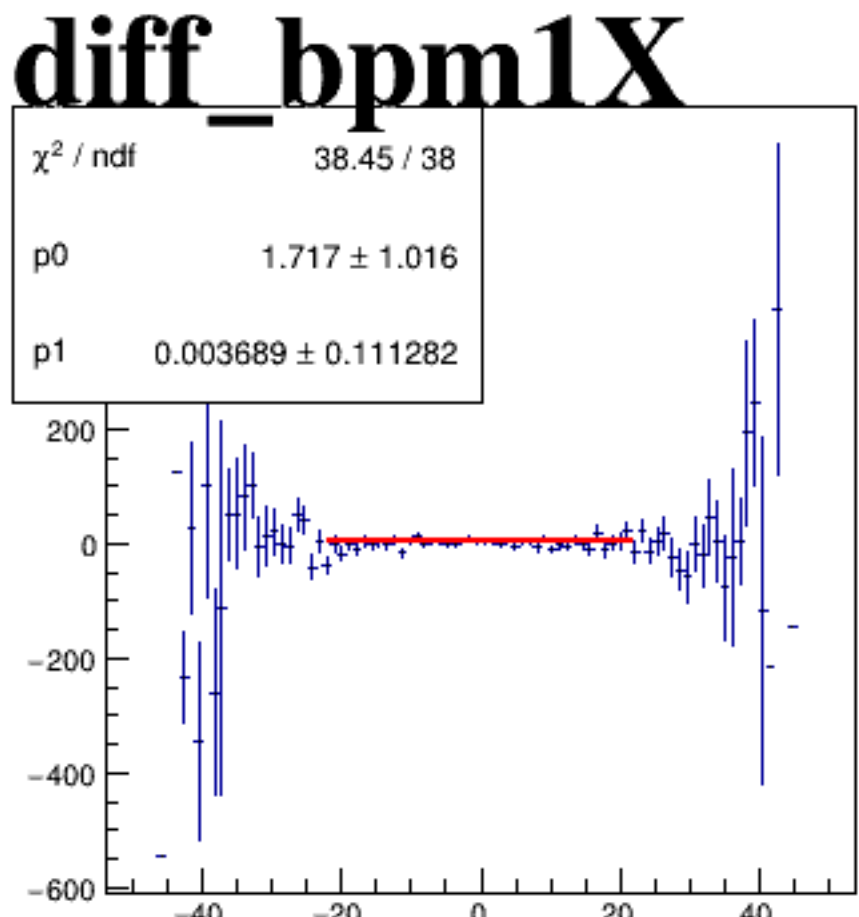
asym_sam8



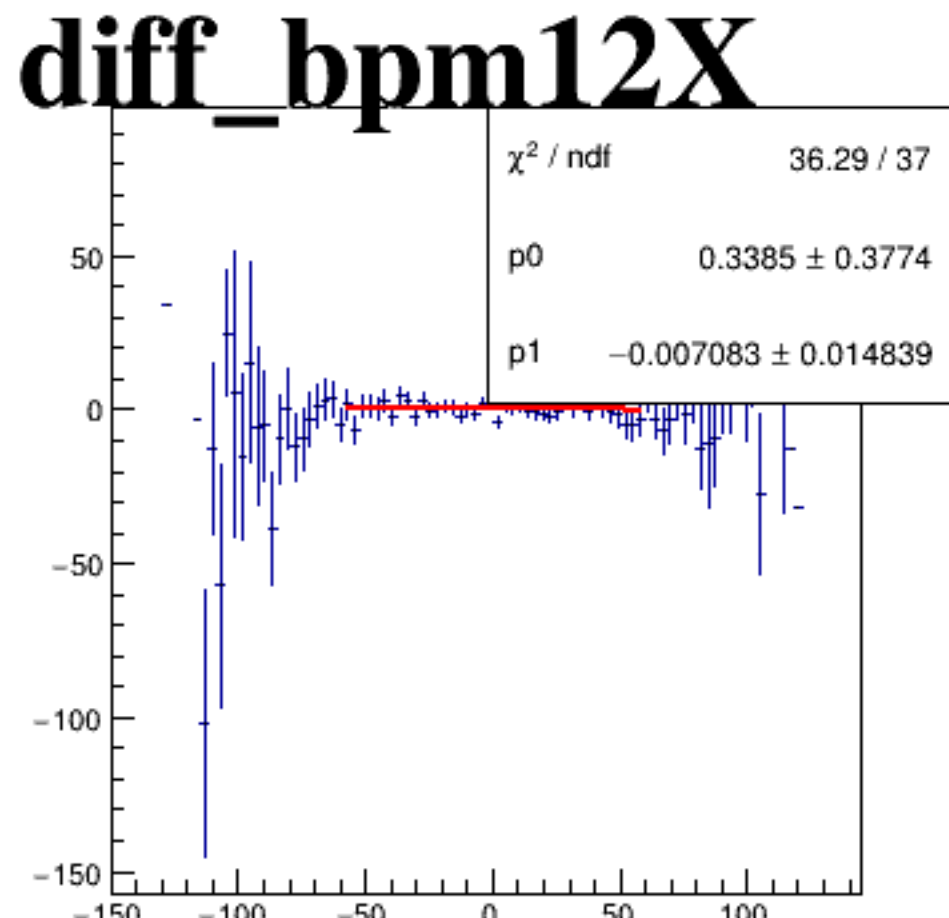
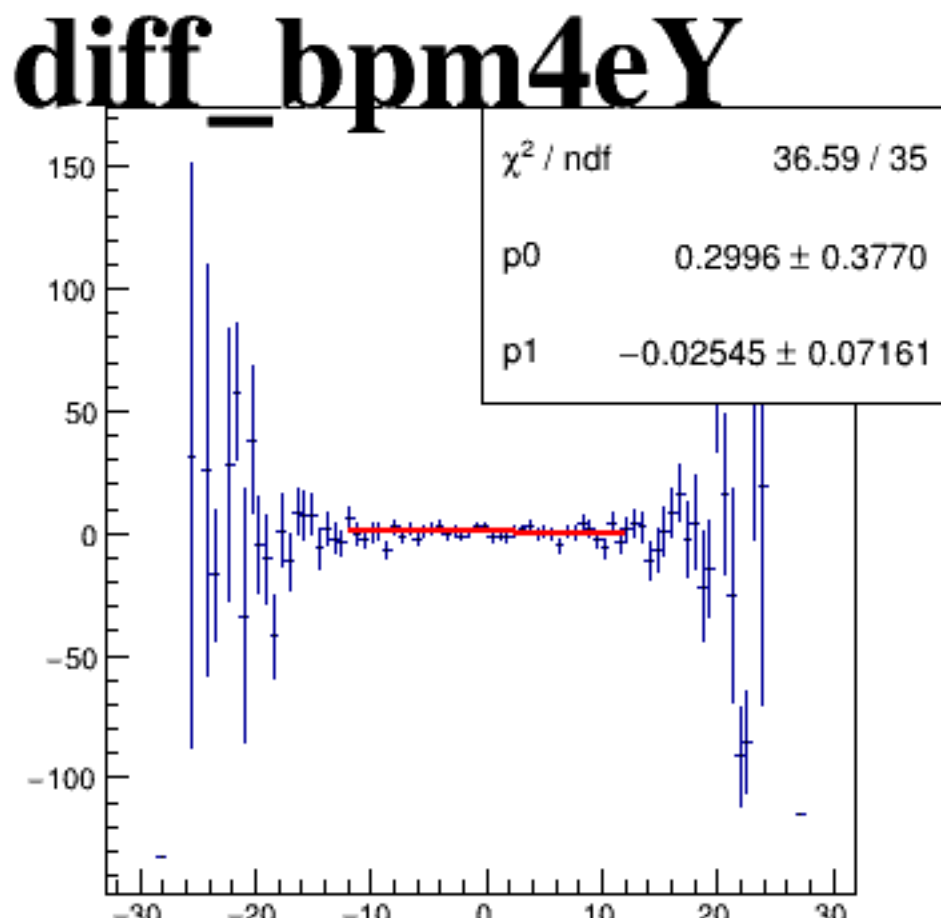
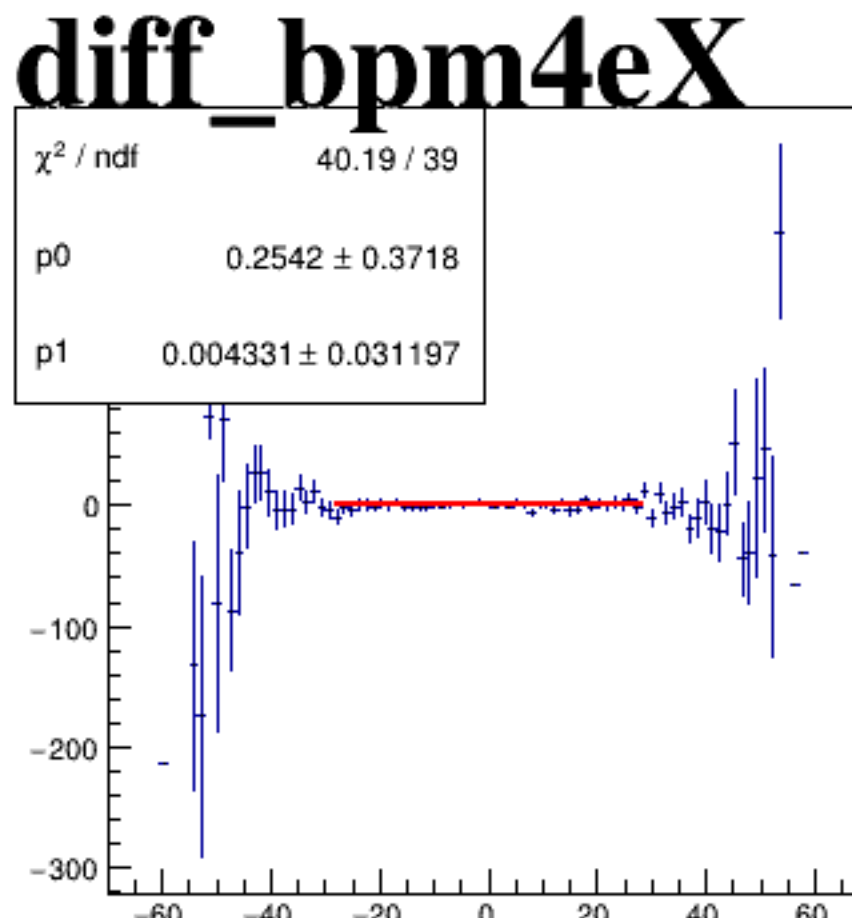
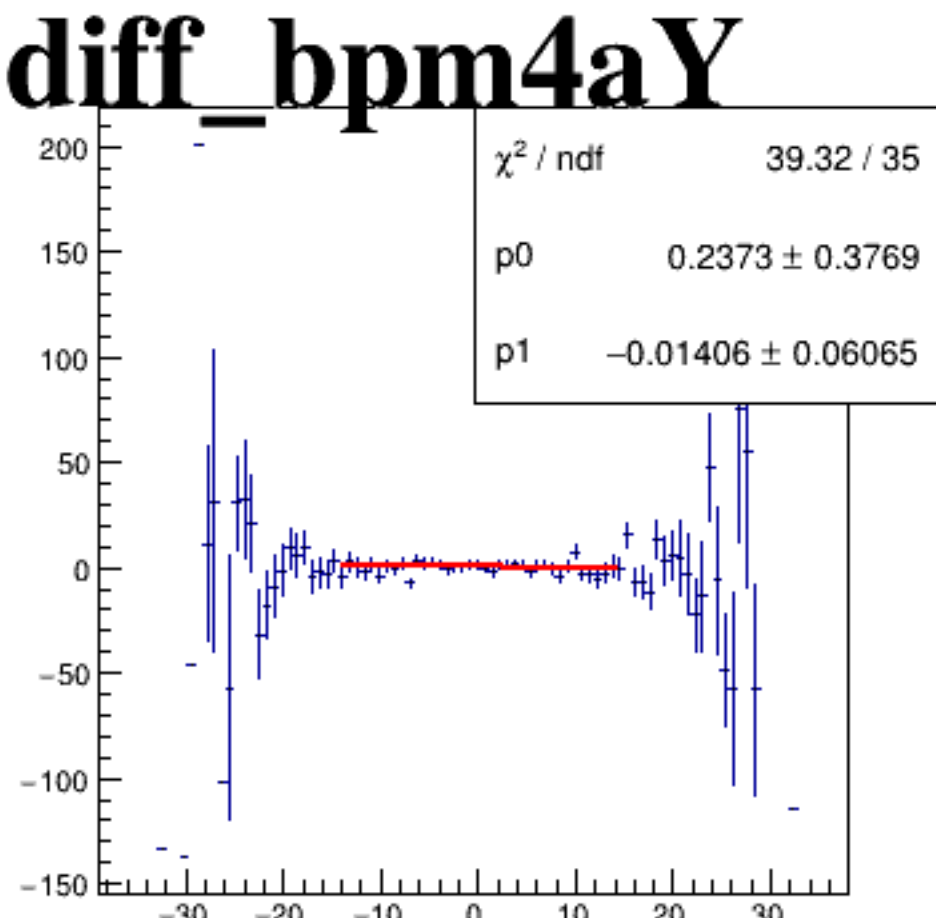
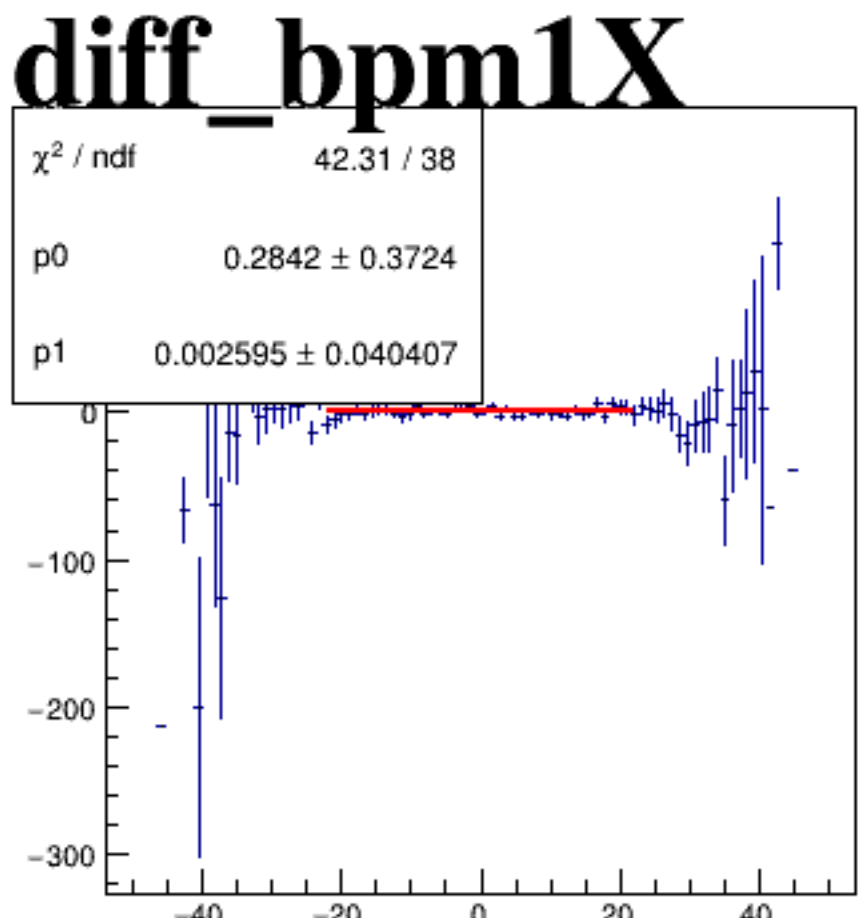
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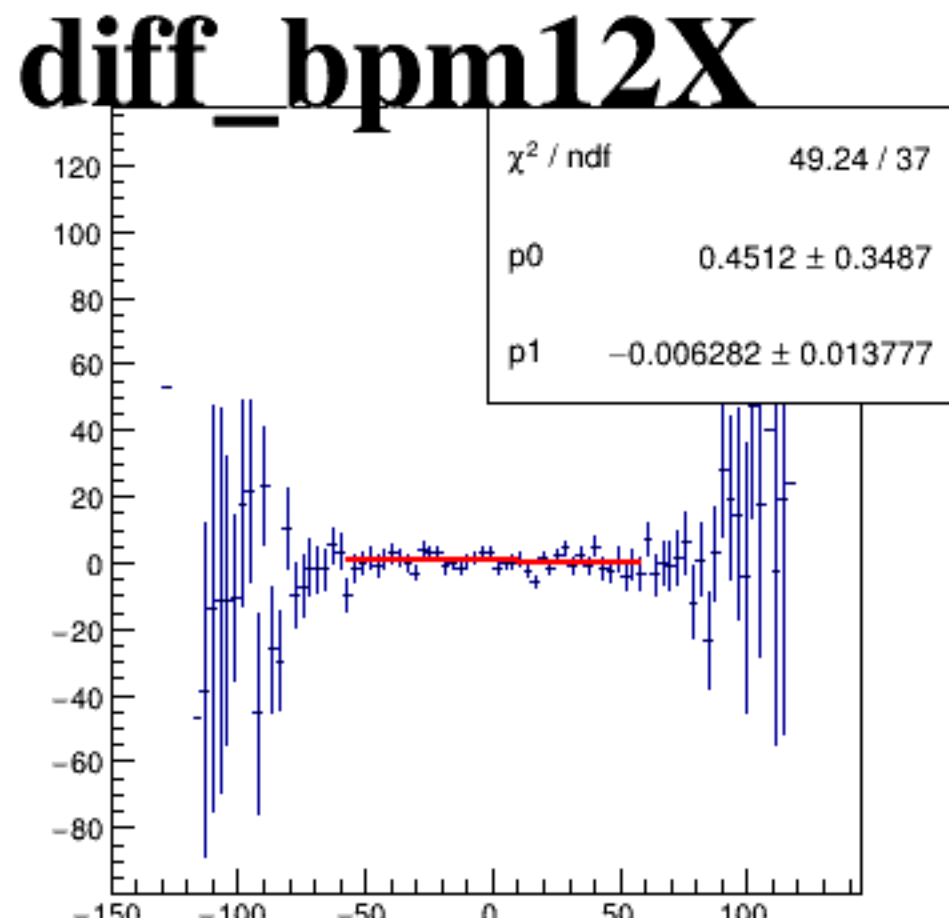
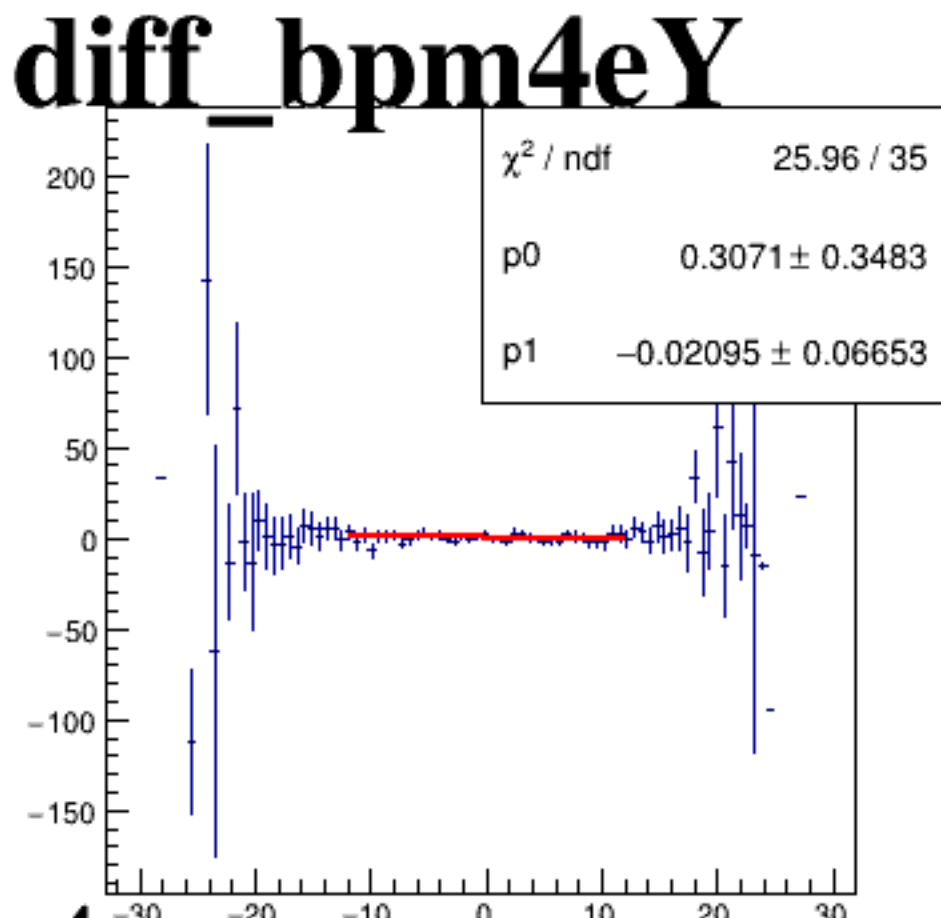
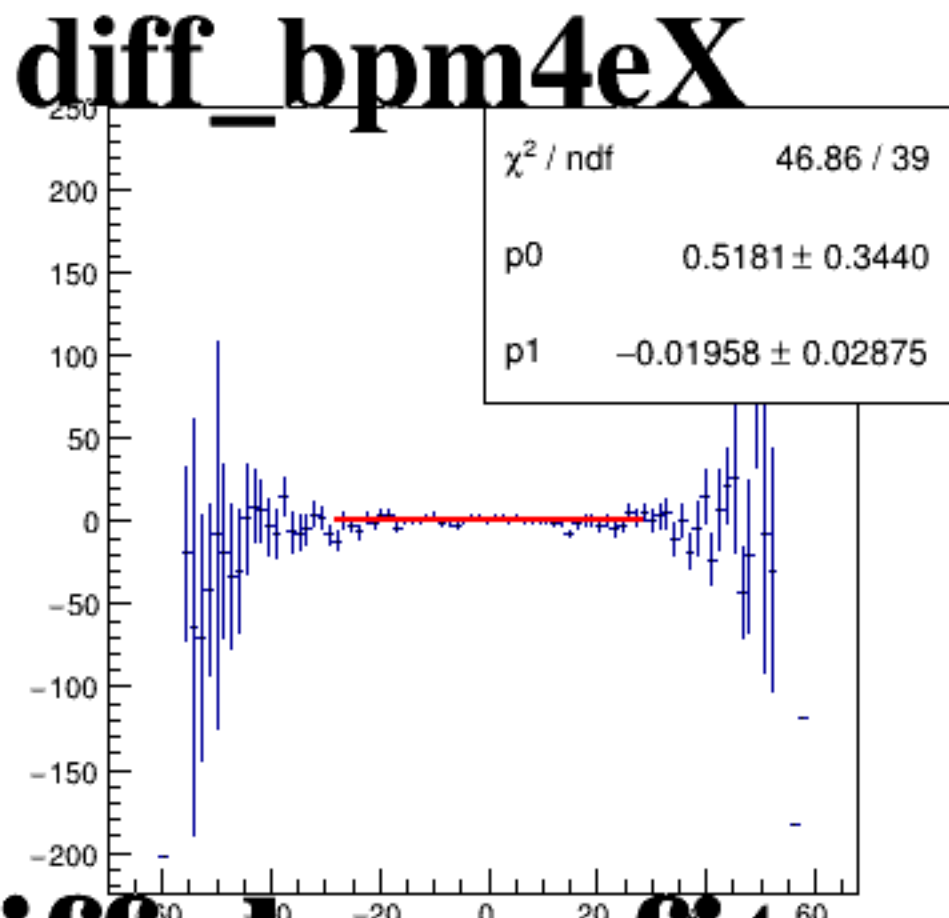
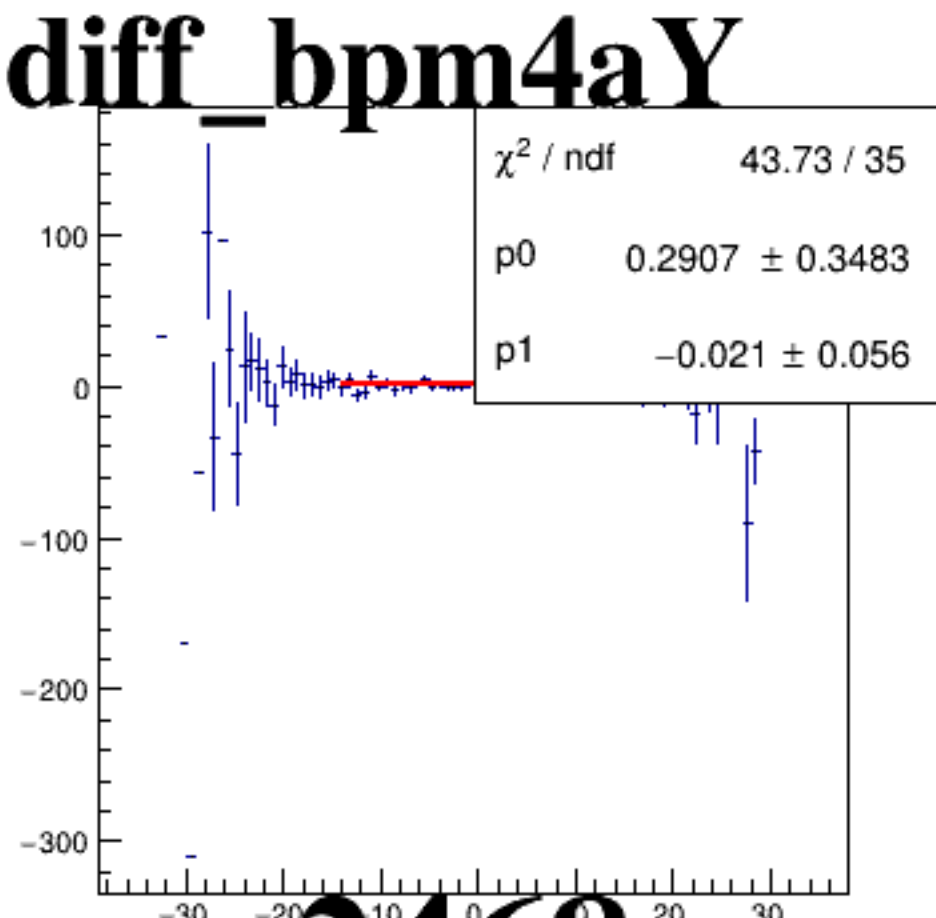
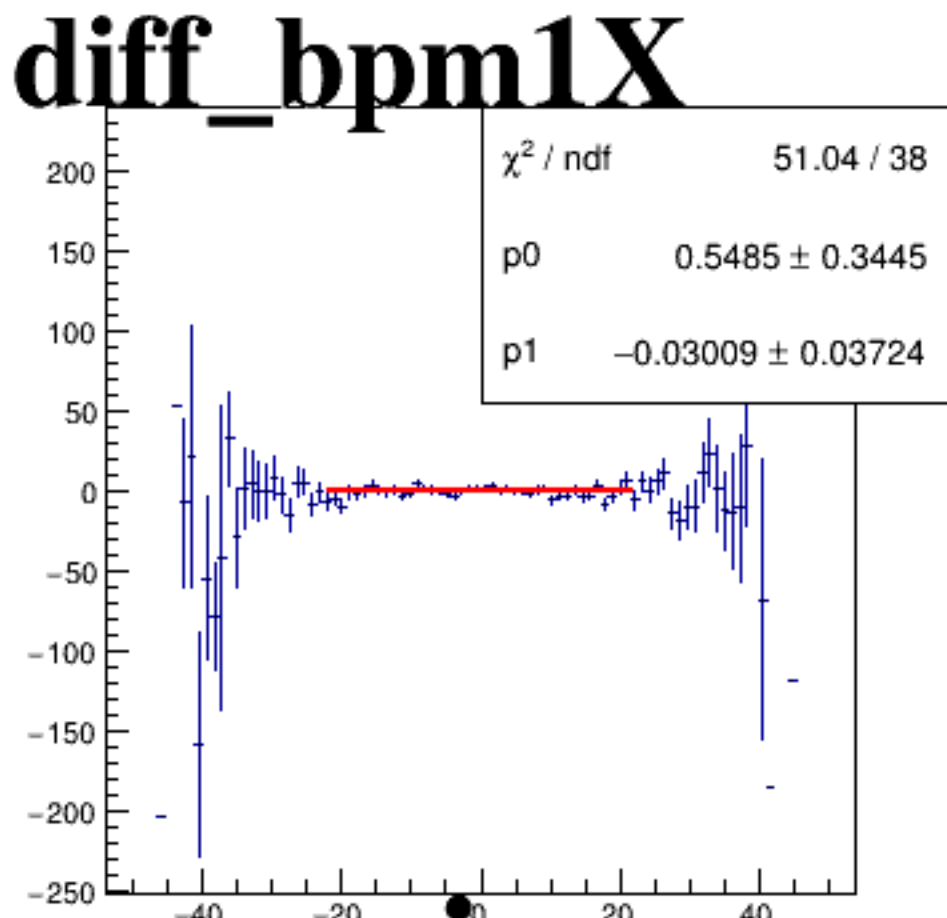
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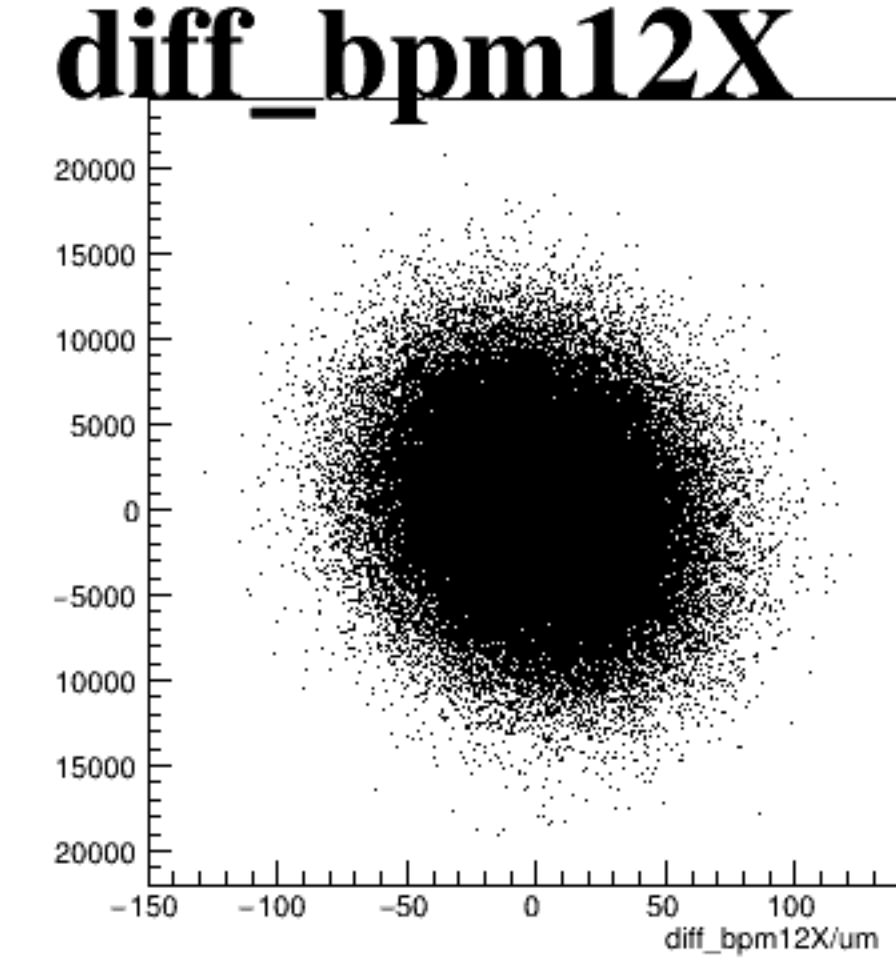
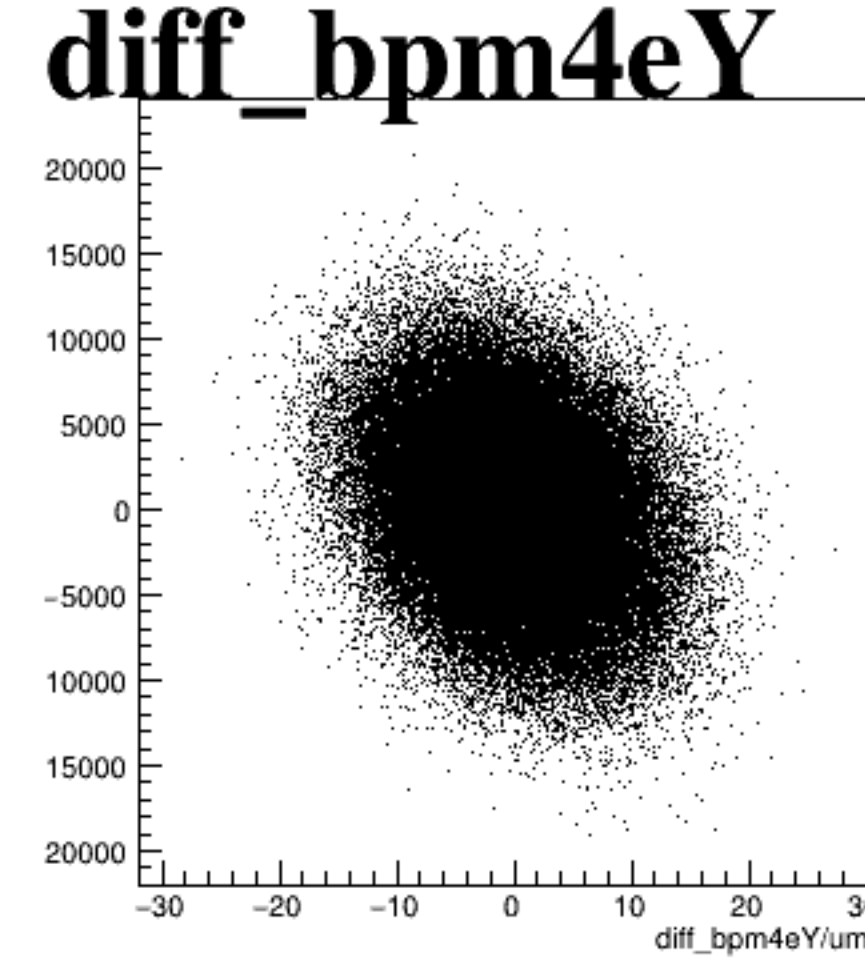
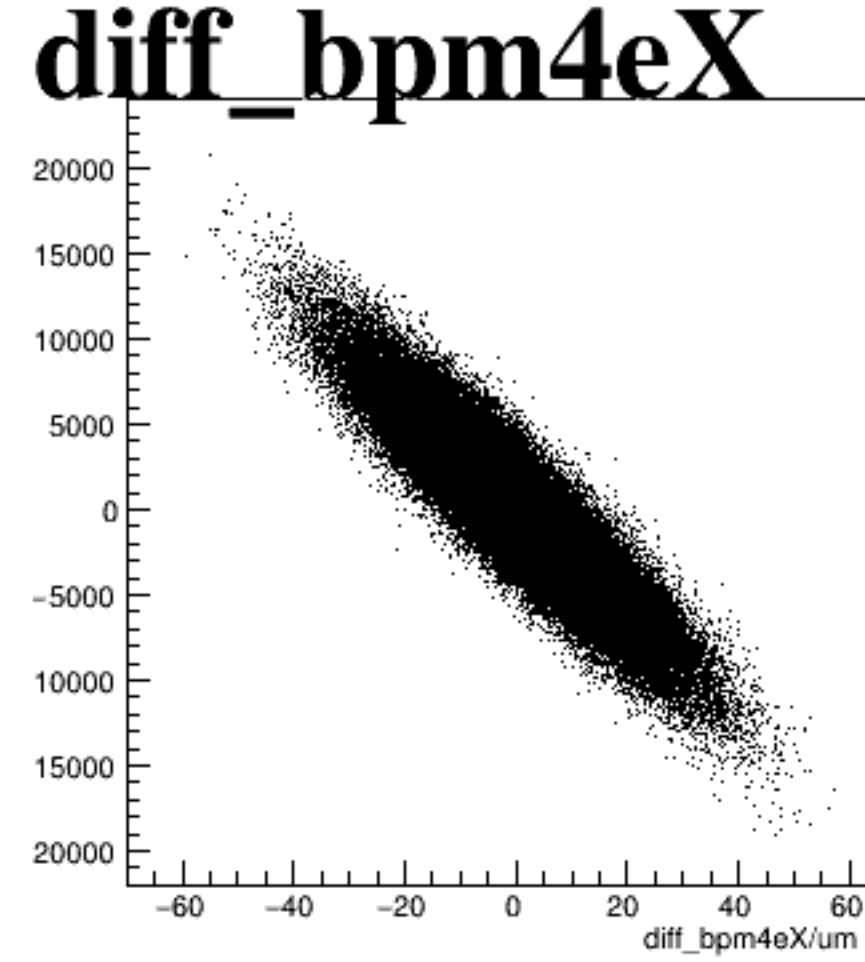
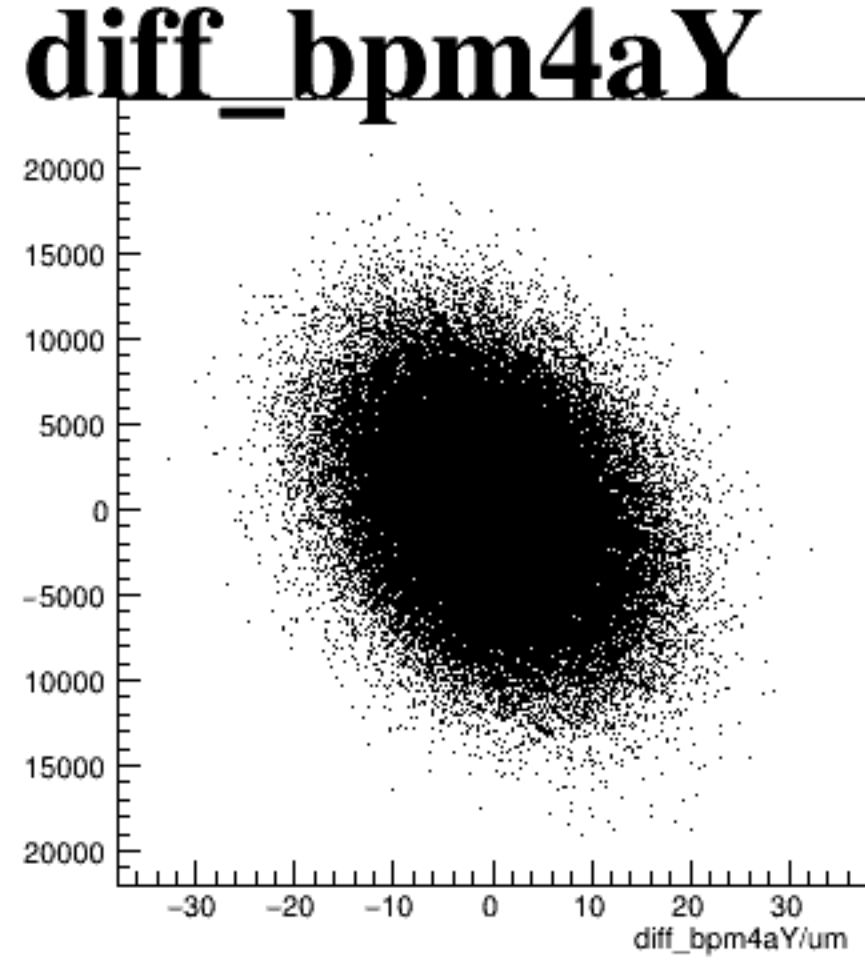
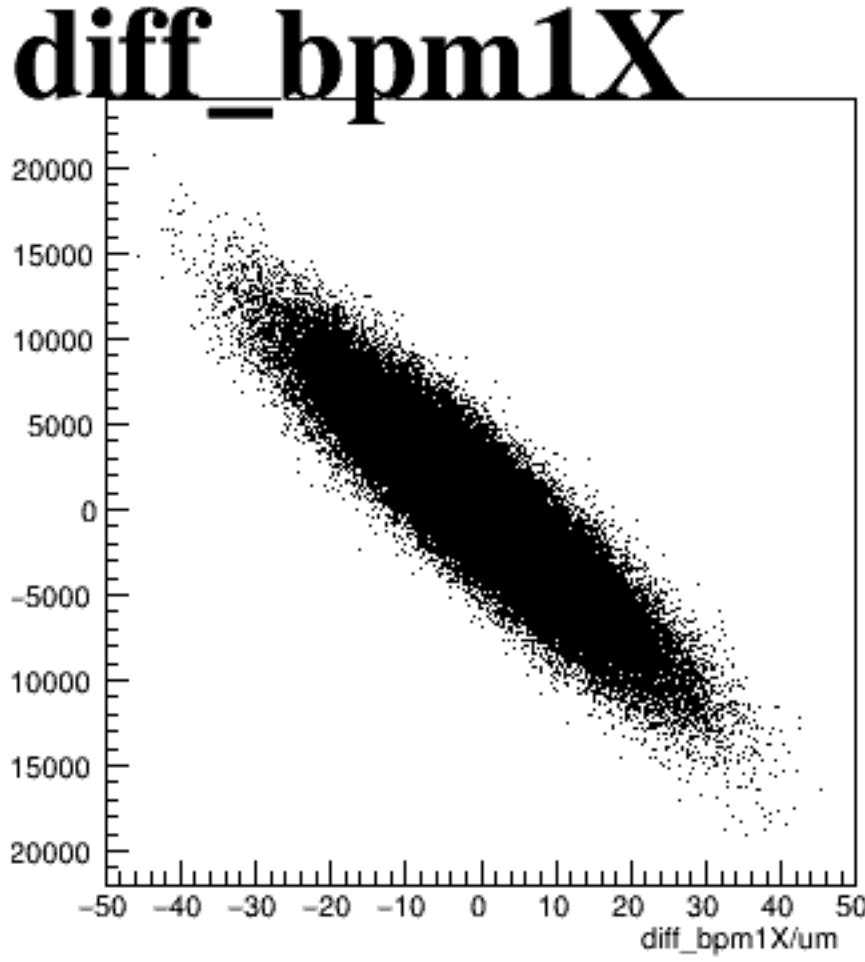
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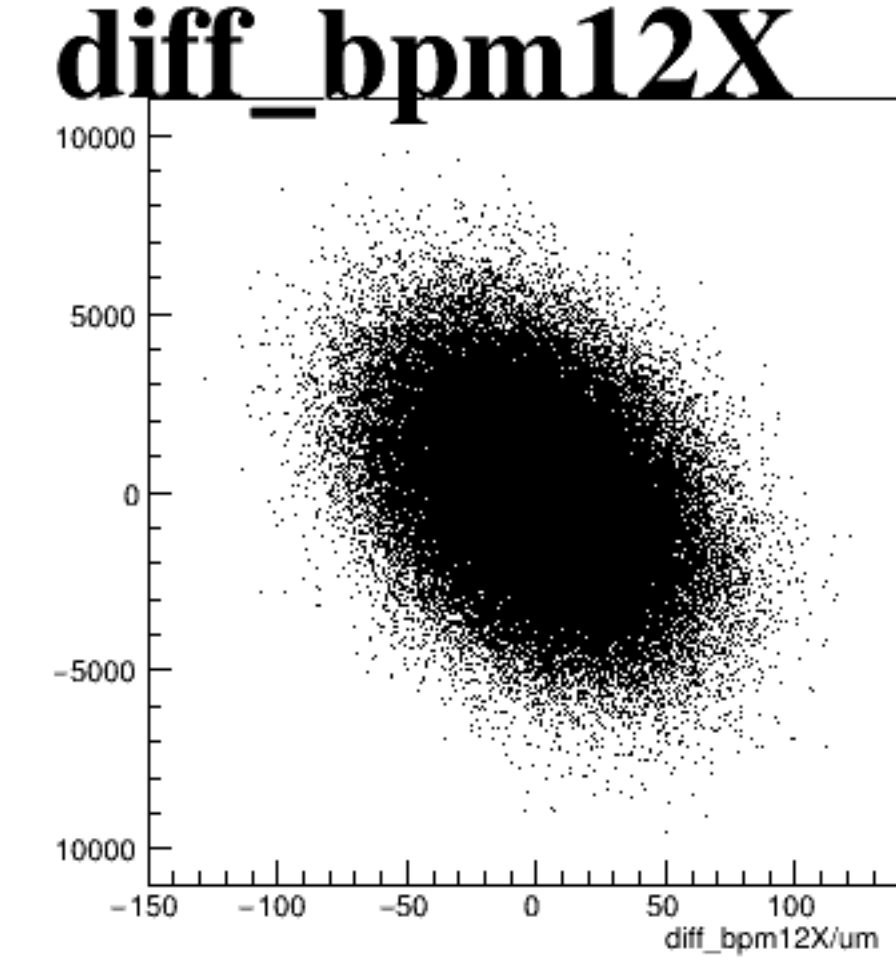
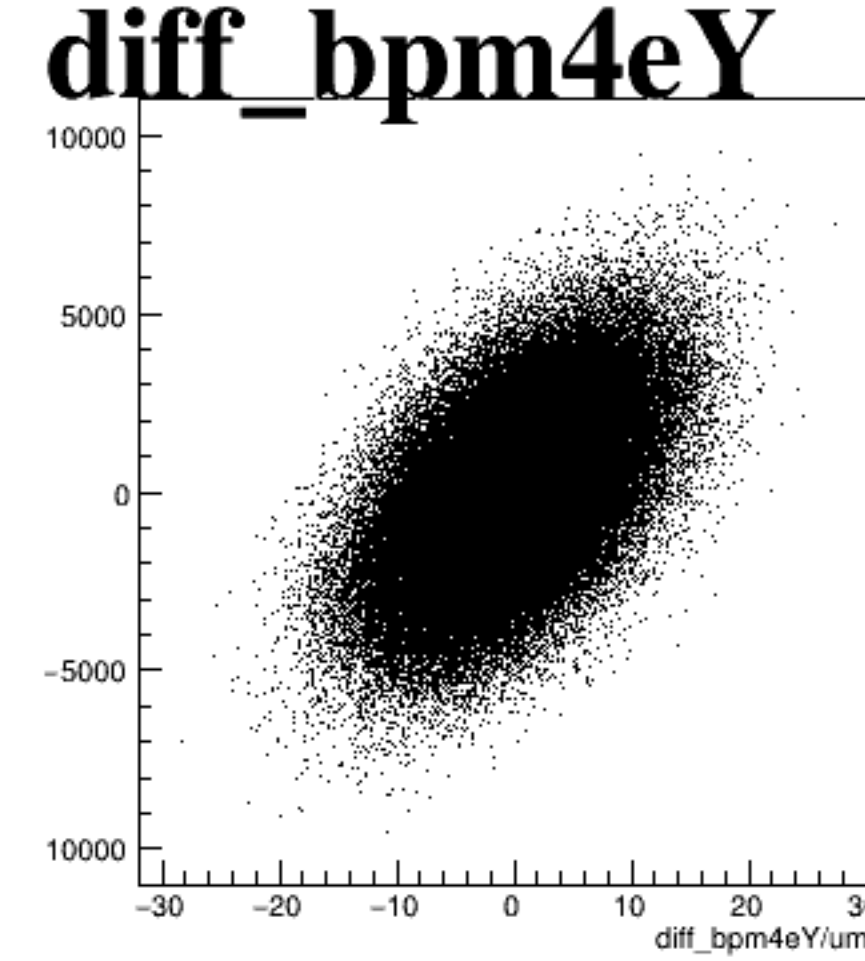
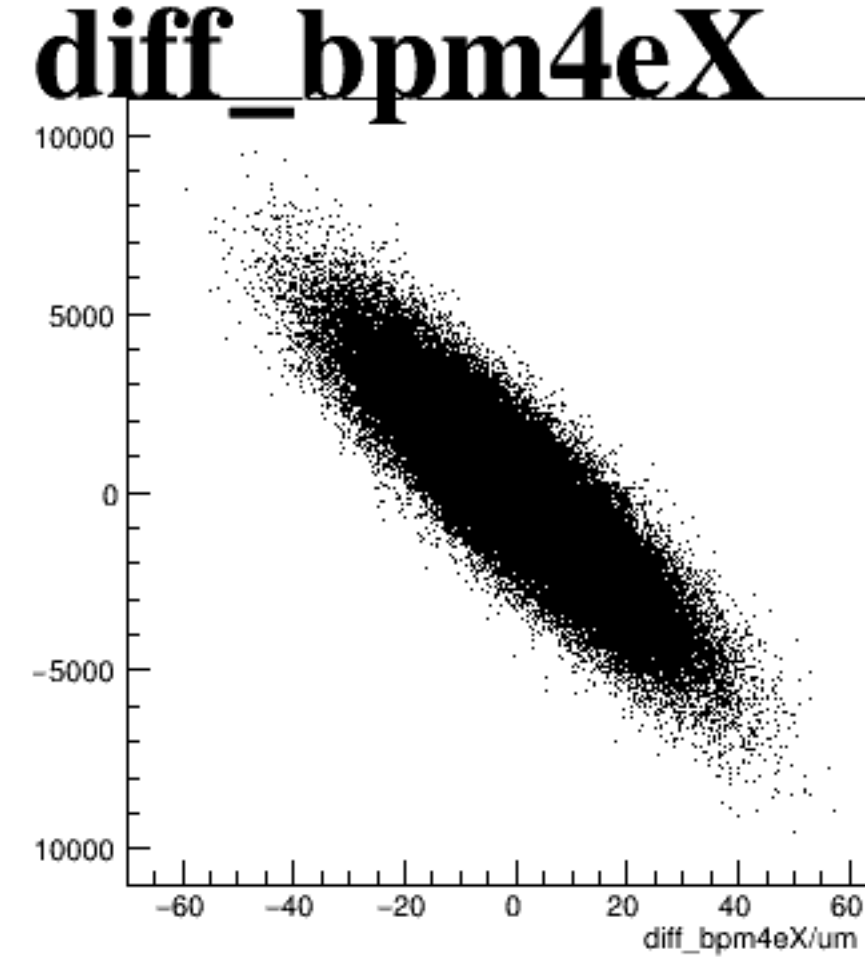
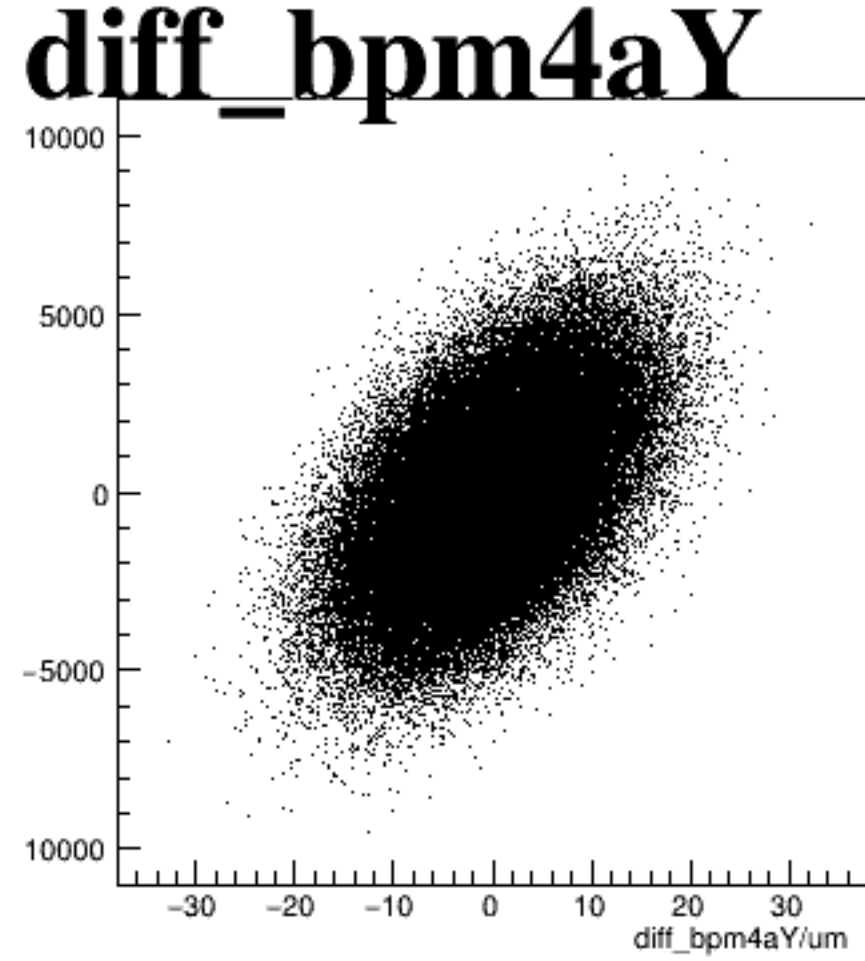
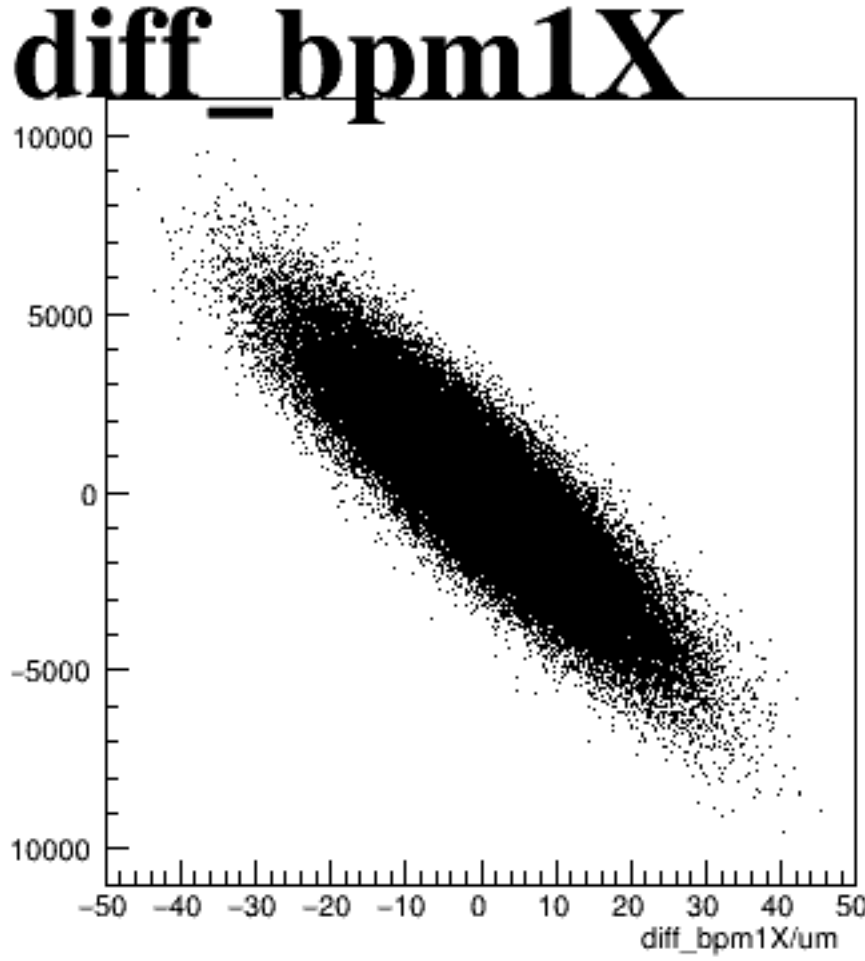
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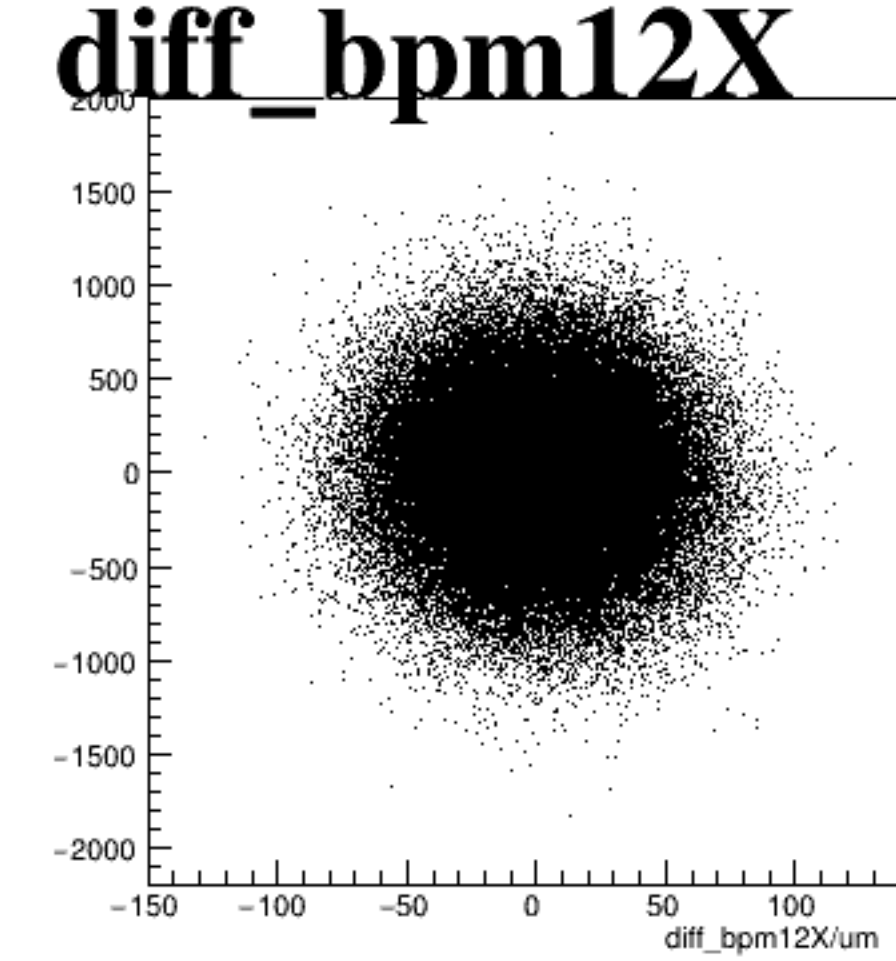
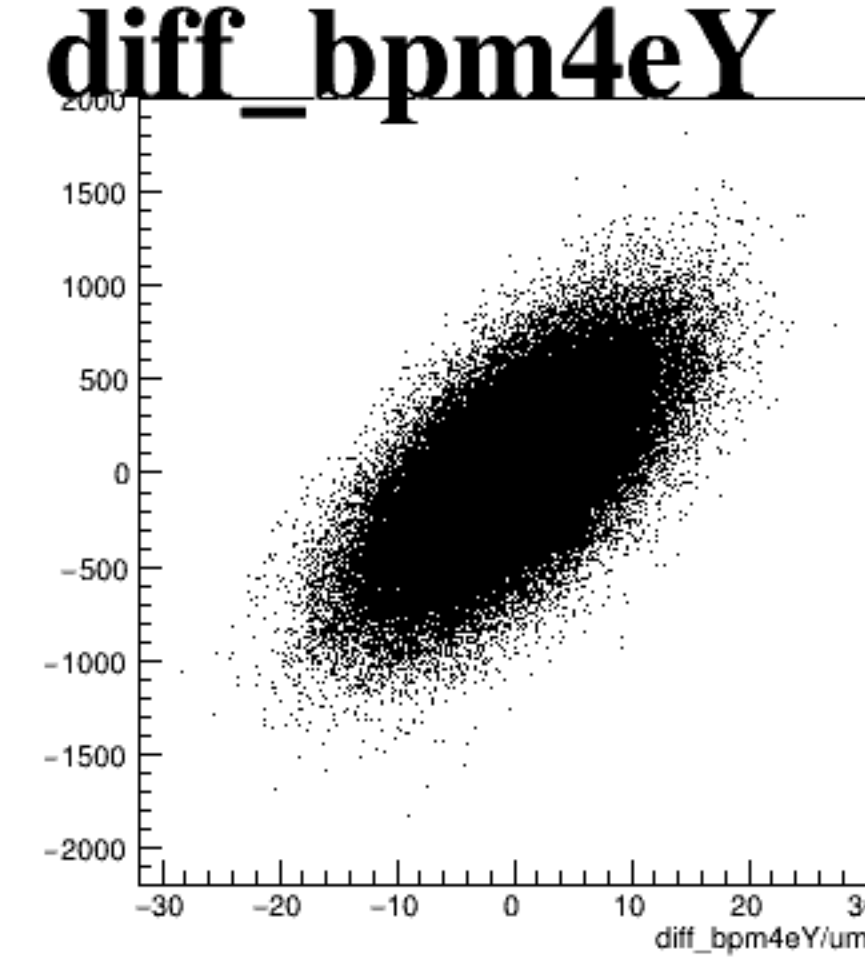
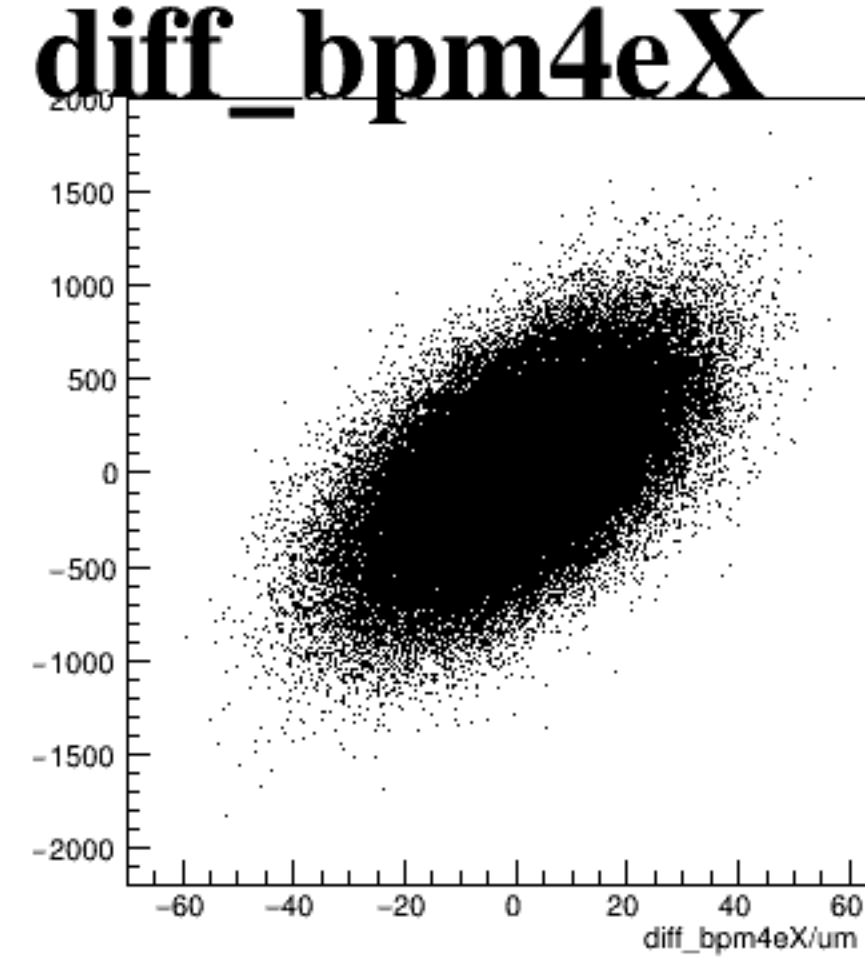
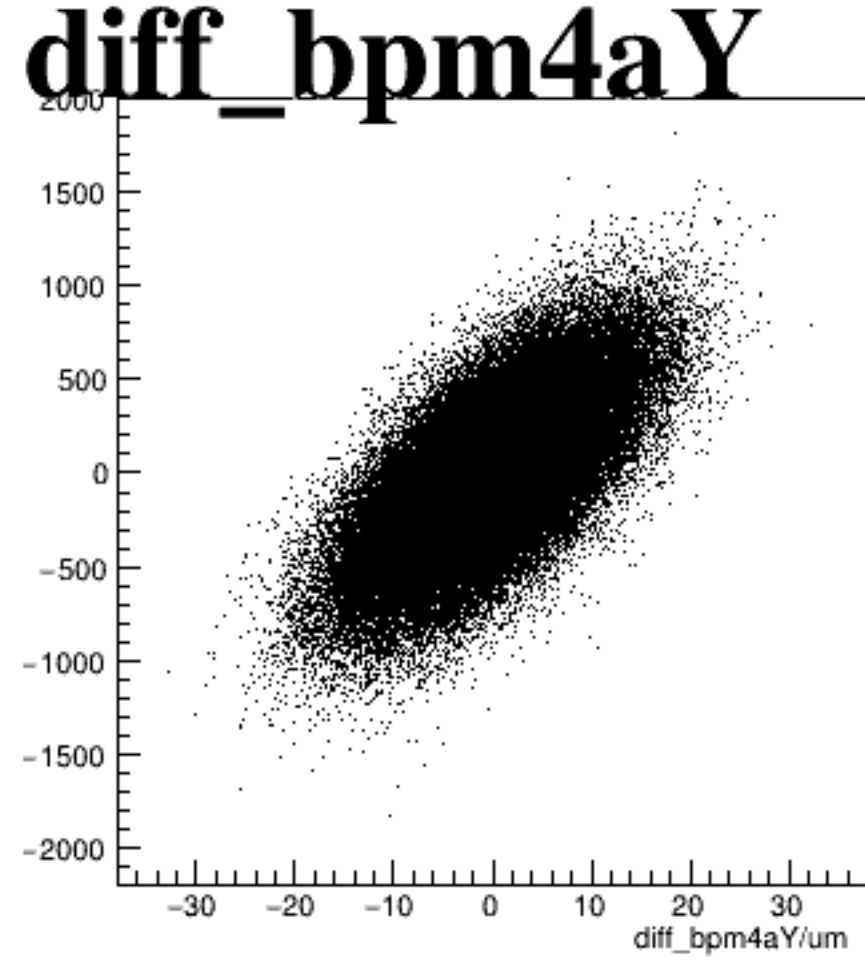
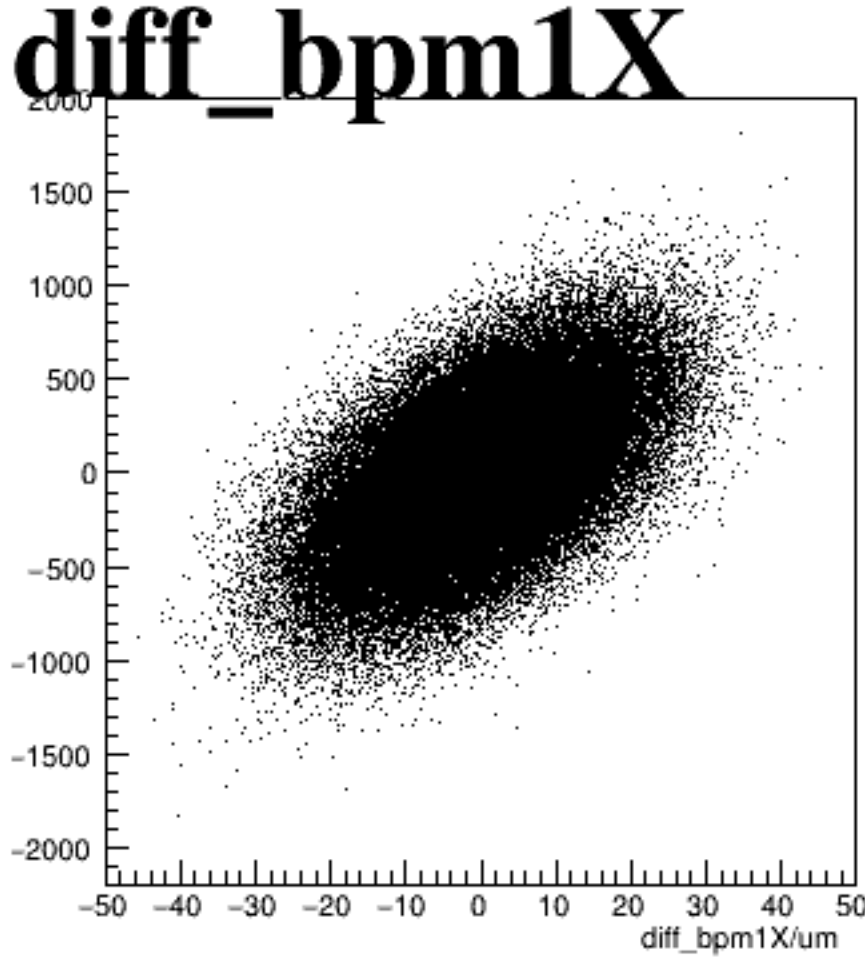
asym_sam2



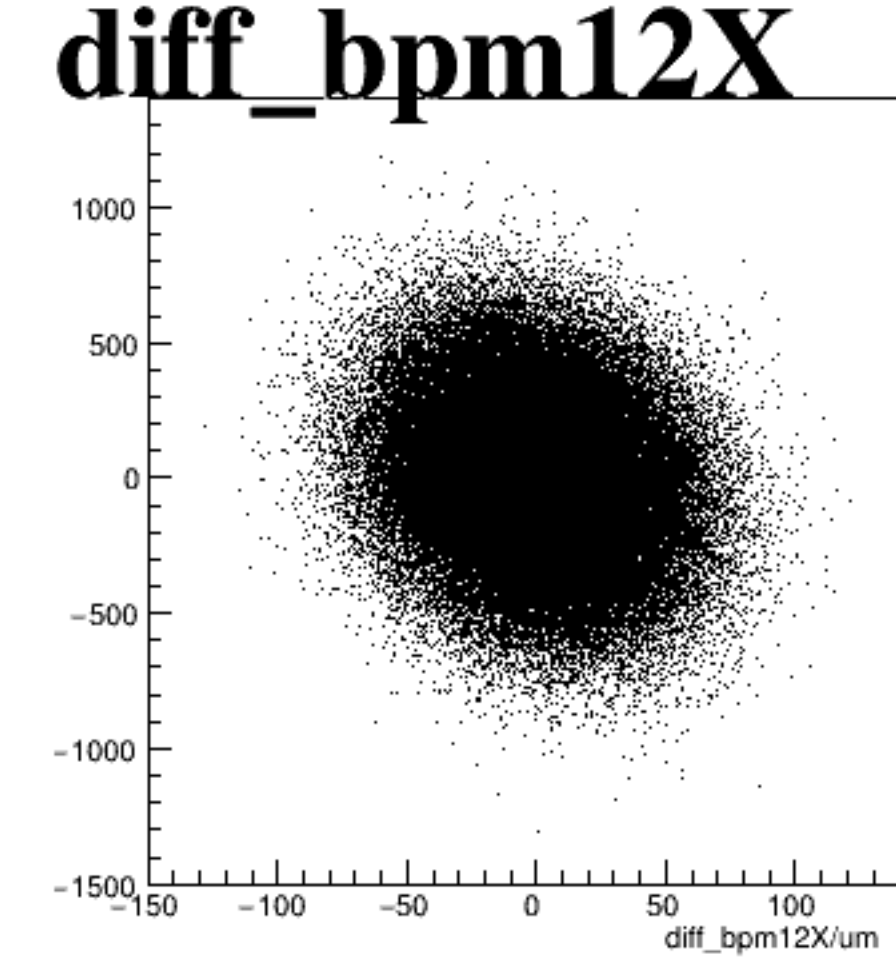
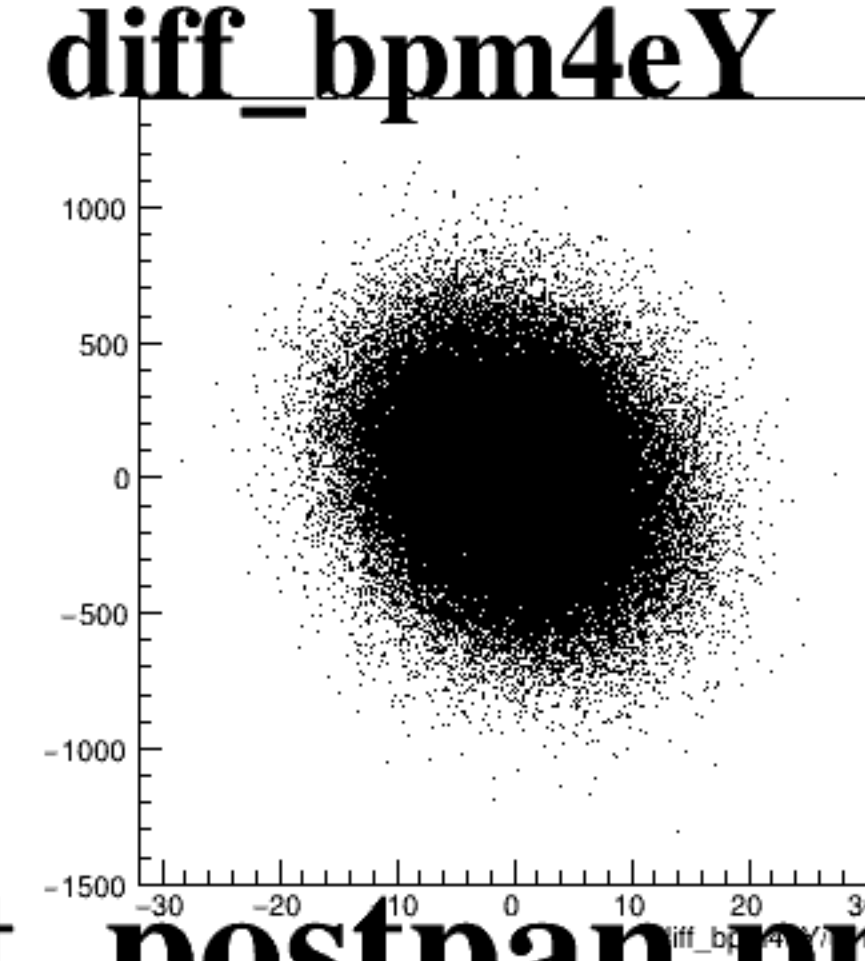
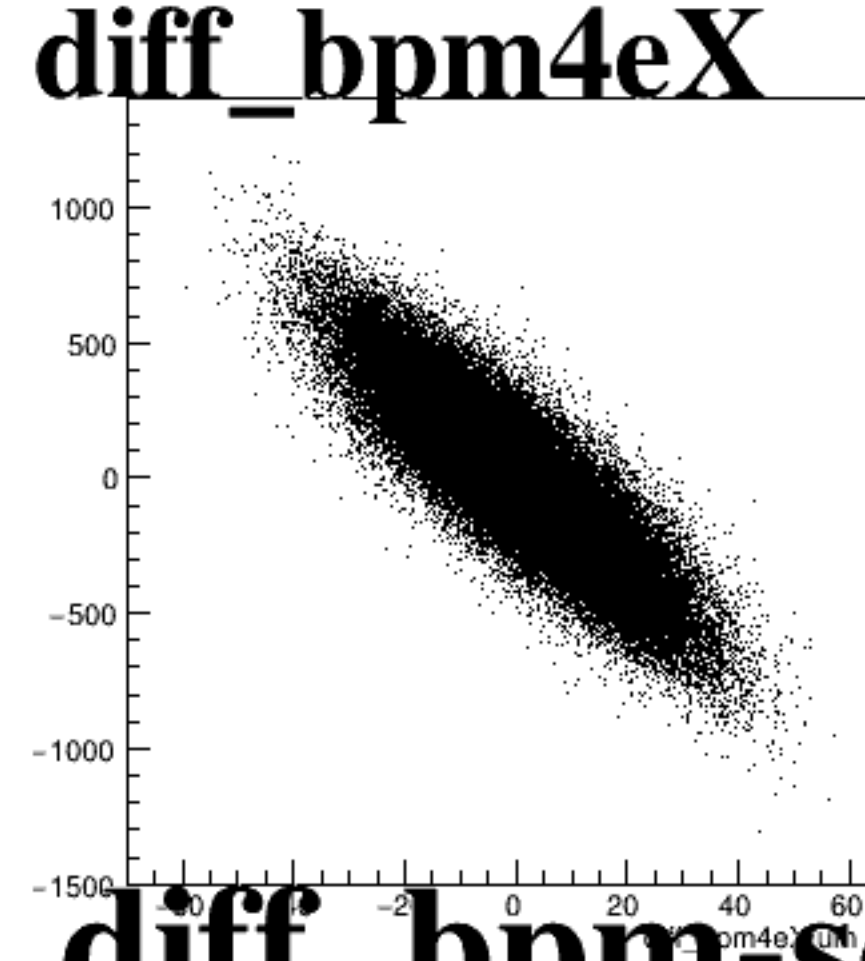
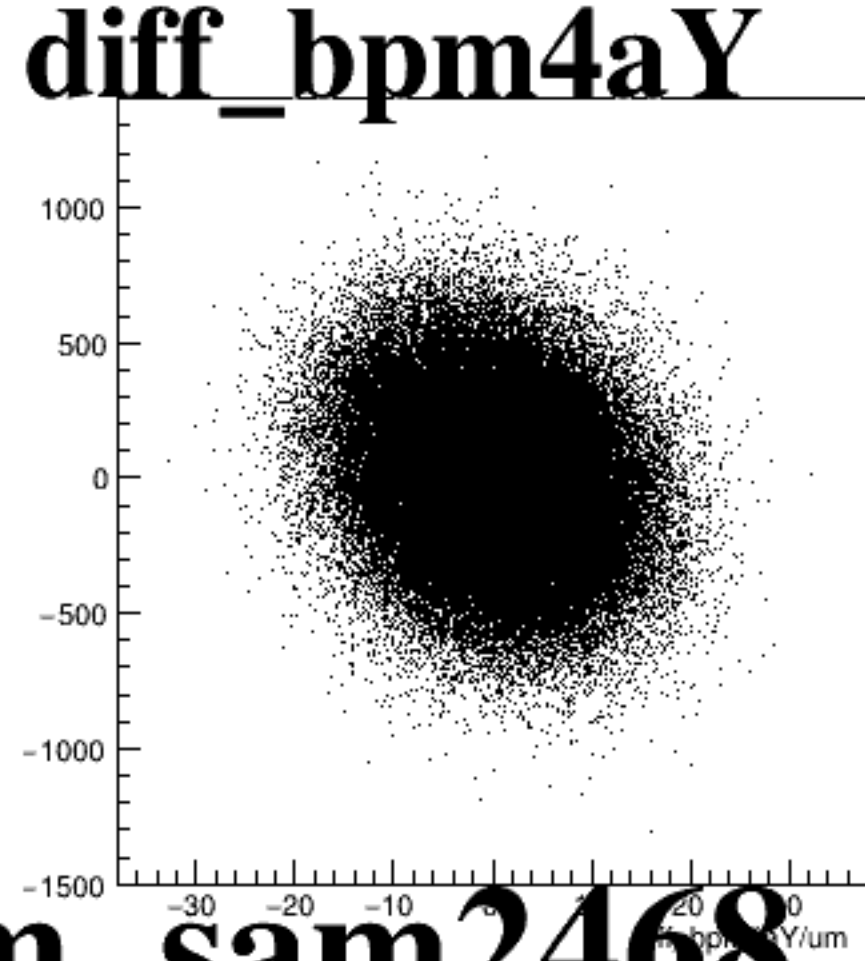
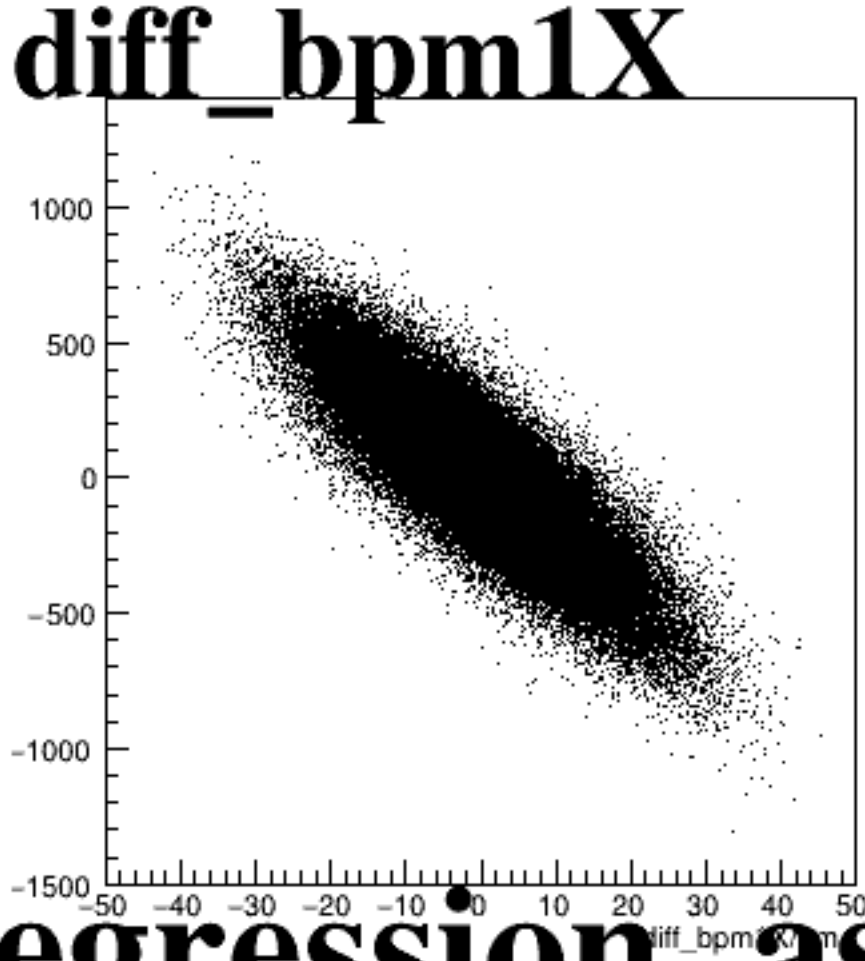
asym_sam4



asym_sam6



asym_sam8

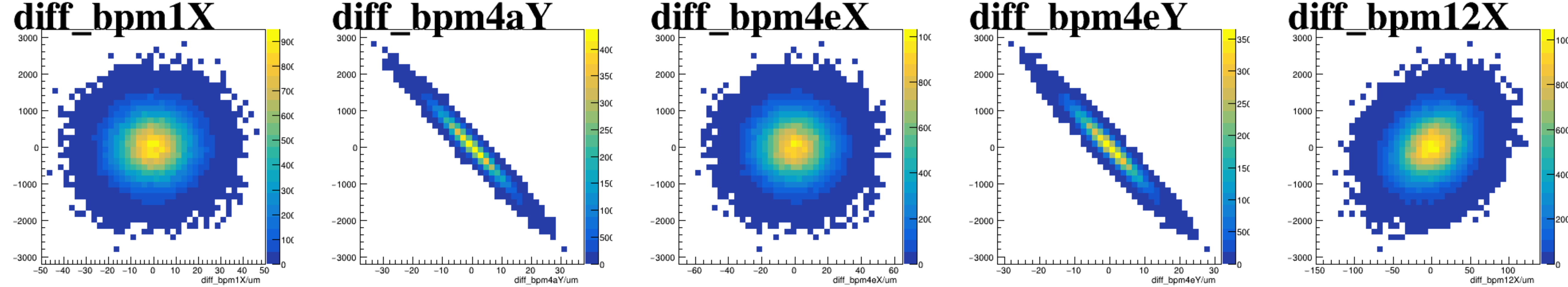


The figure consists of five scatter plots arranged horizontally, each showing the distribution of difference coordinates for a specific BPM. The y-axis for all plots ranges from -1500 to 2000. The x-axis labels and ranges are as follows:

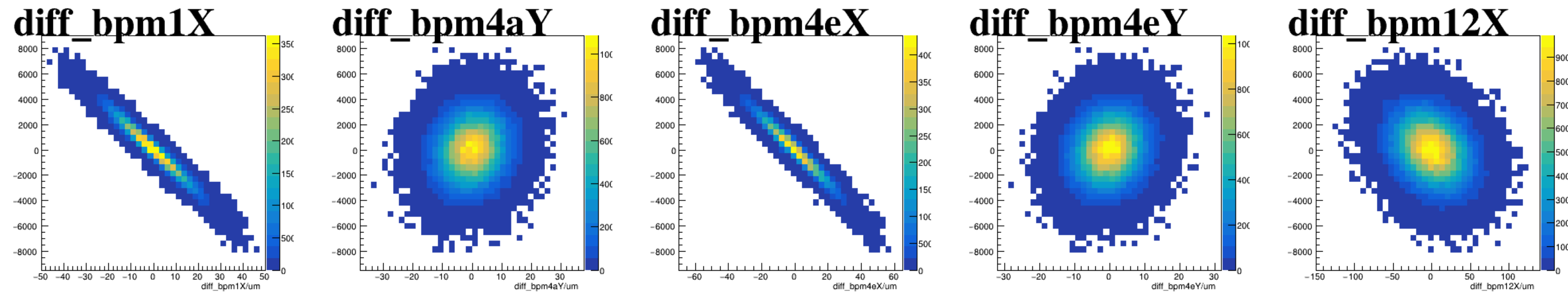
- diff_bpm1X**: x-axis ranges from -50 to 50.
- diff_bpm4aY**: x-axis ranges from -30 to 30.
- diff_bpm4eX**: x-axis ranges from -60 to 60.
- diff_bpm4eY**: x-axis ranges from -30 to 30.
- diff_bpm12X**: x-axis ranges from -150 to 100.

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.

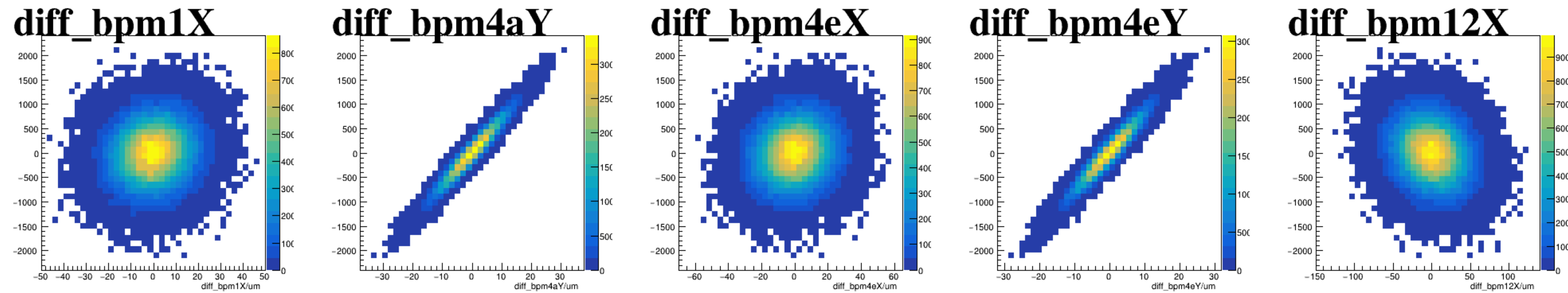
asym_sam1



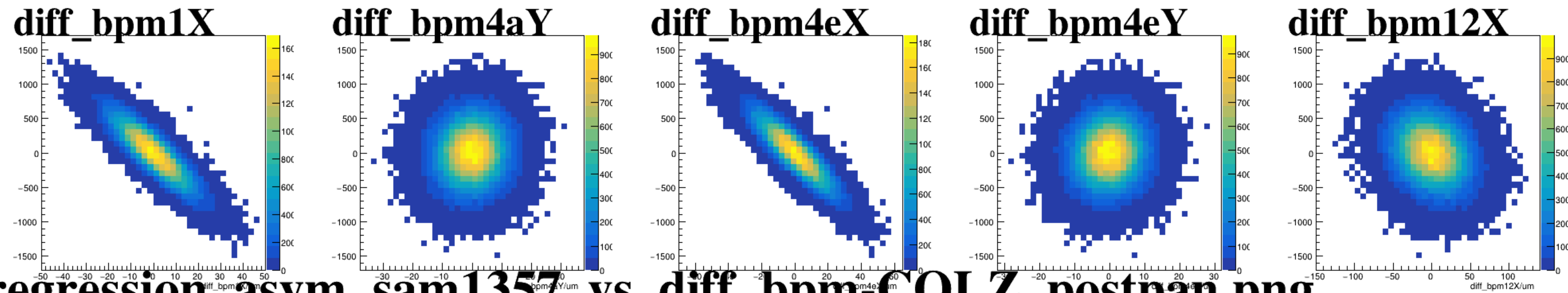
asym_sam3



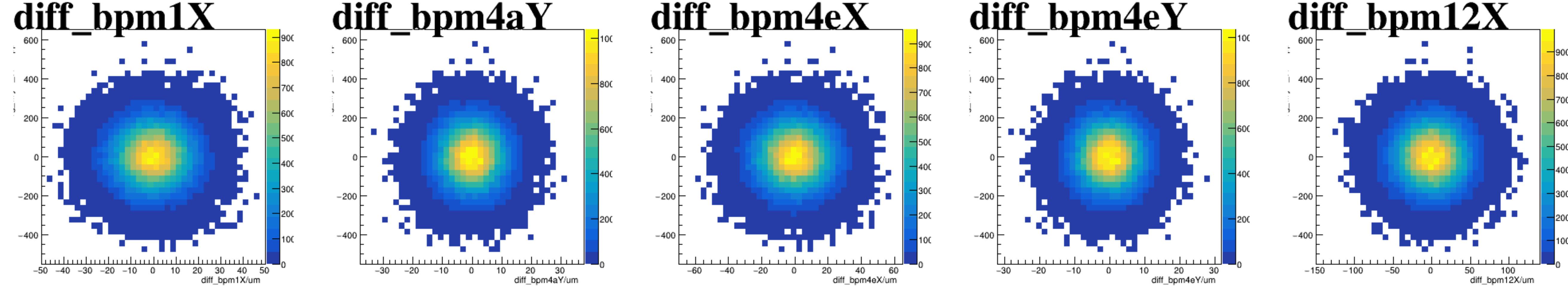
asym_sam5



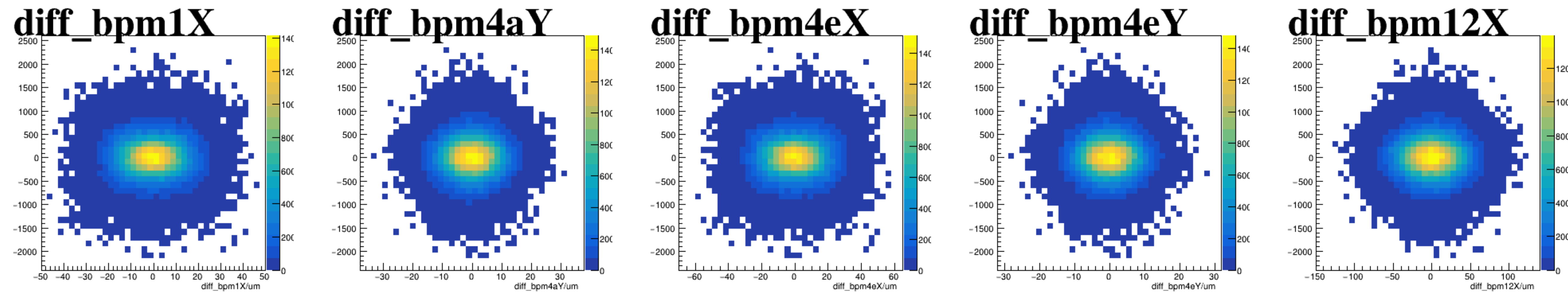
asym_sam7



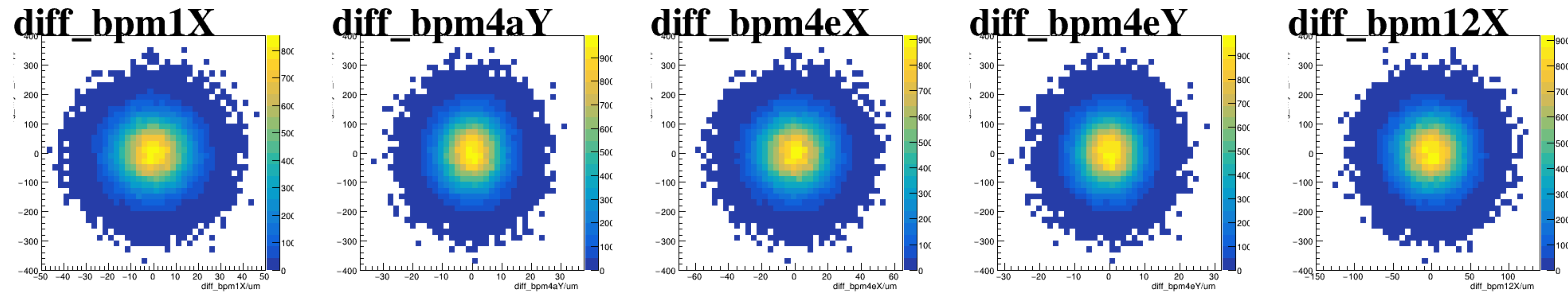
reg_asym_sam1



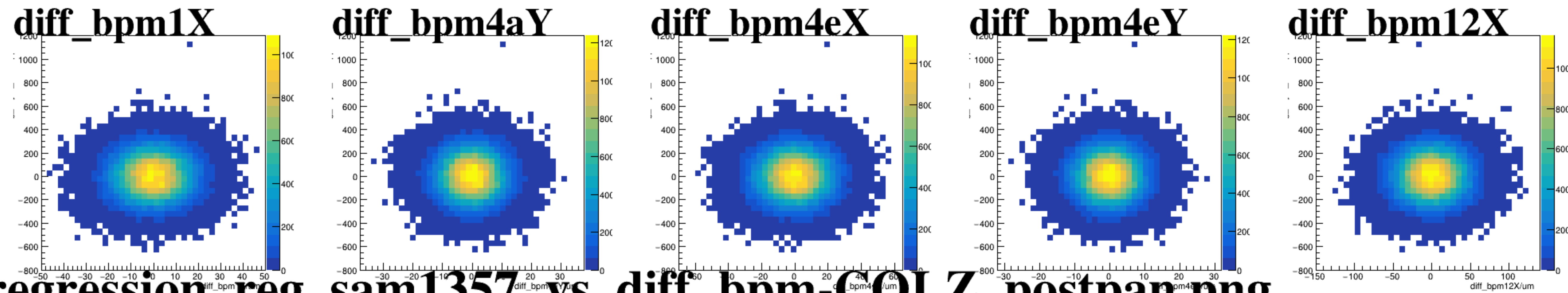
reg_asym_sam3



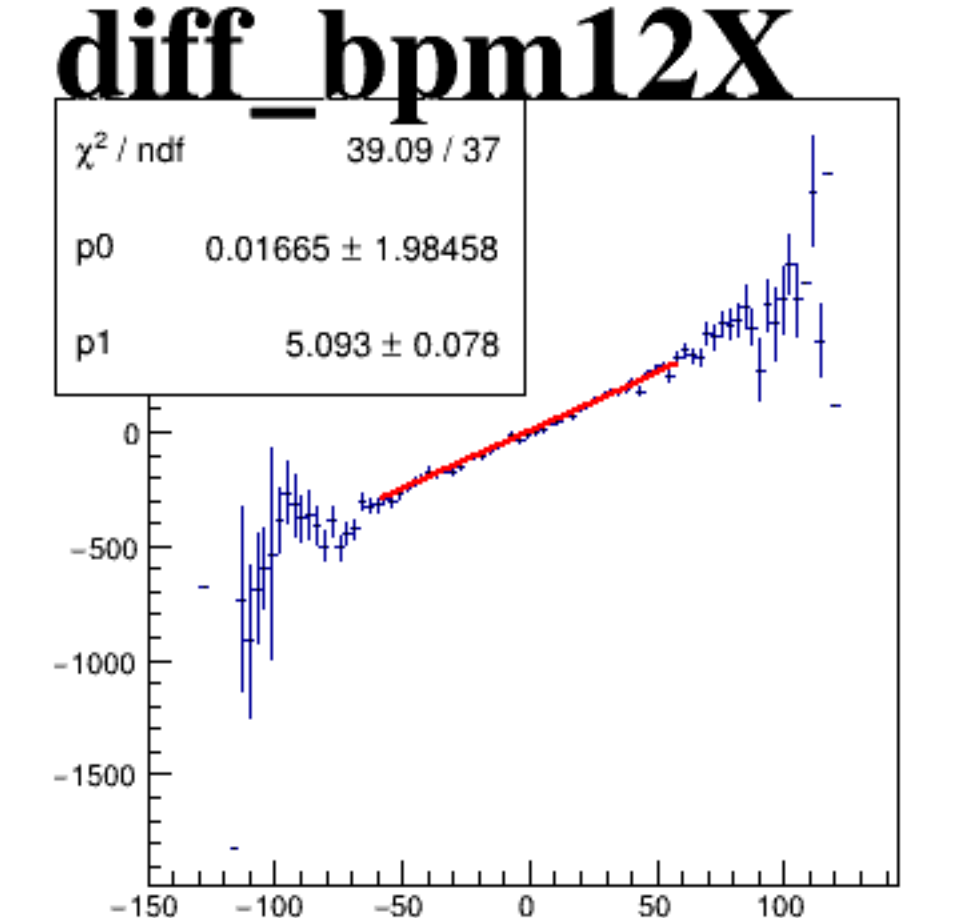
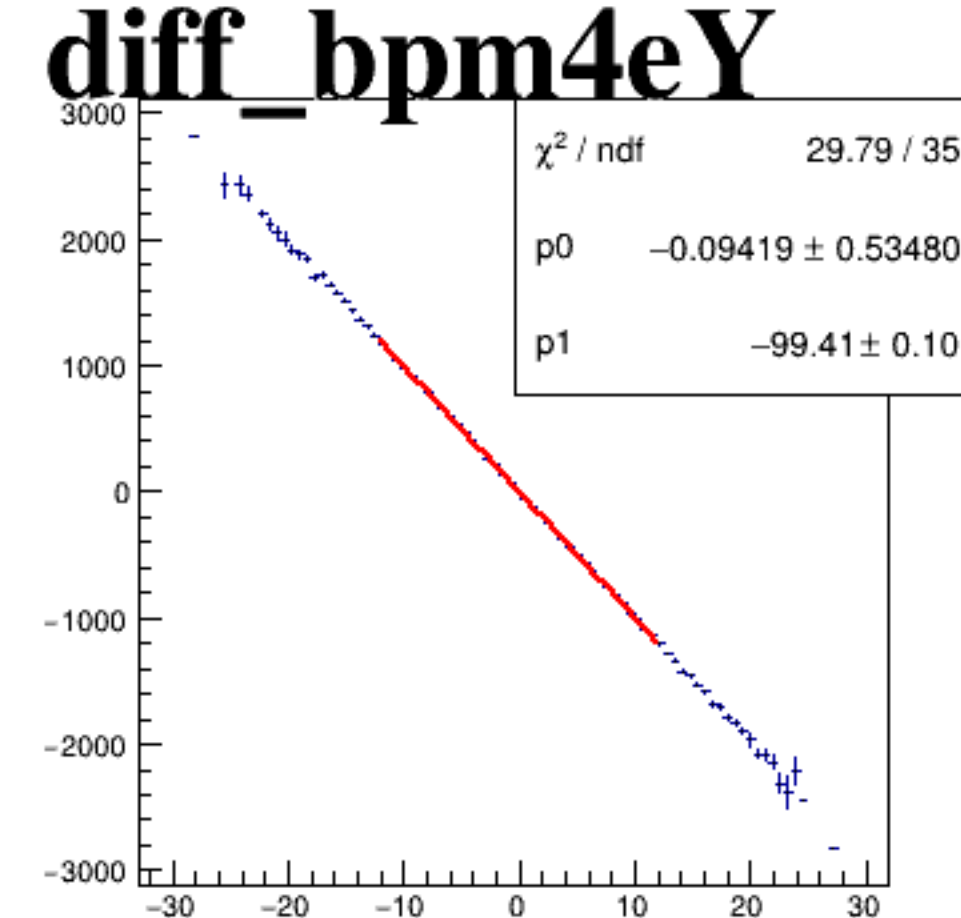
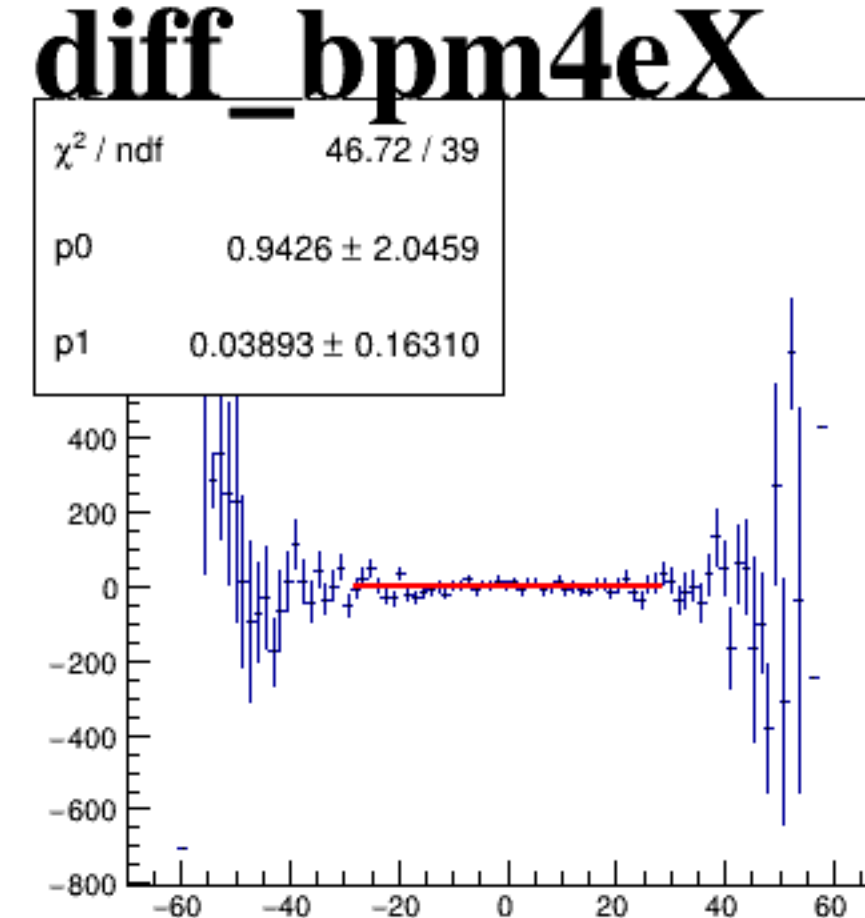
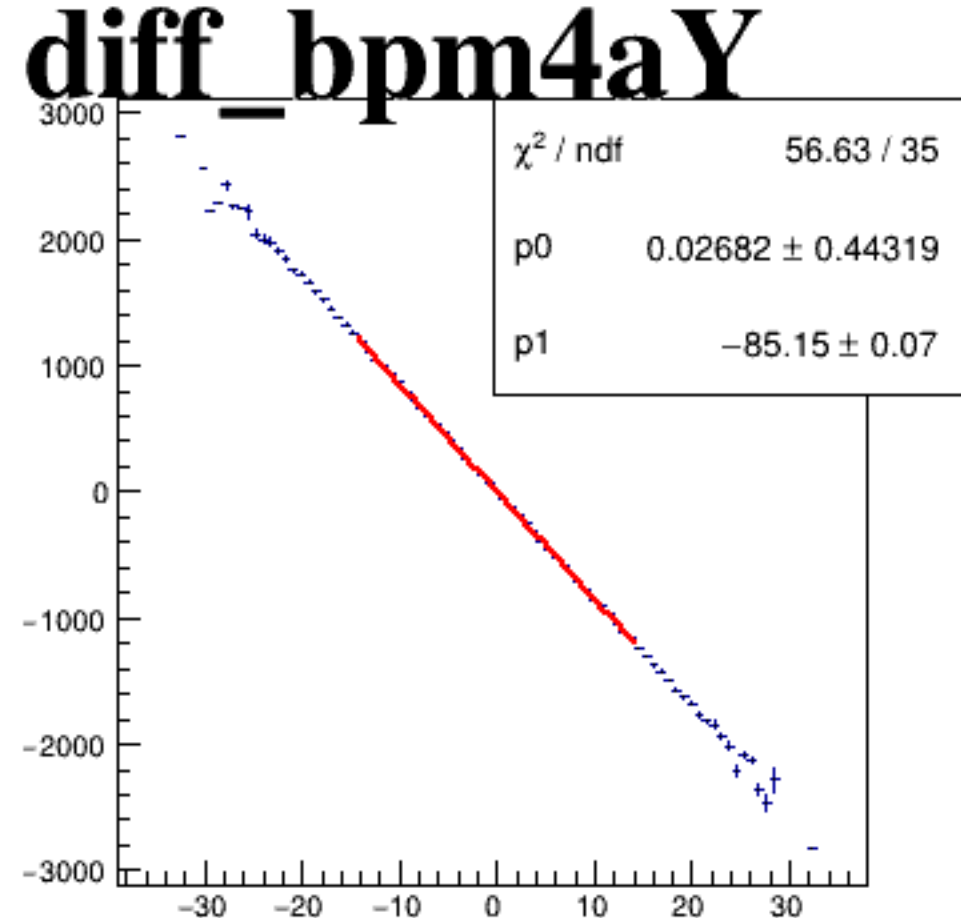
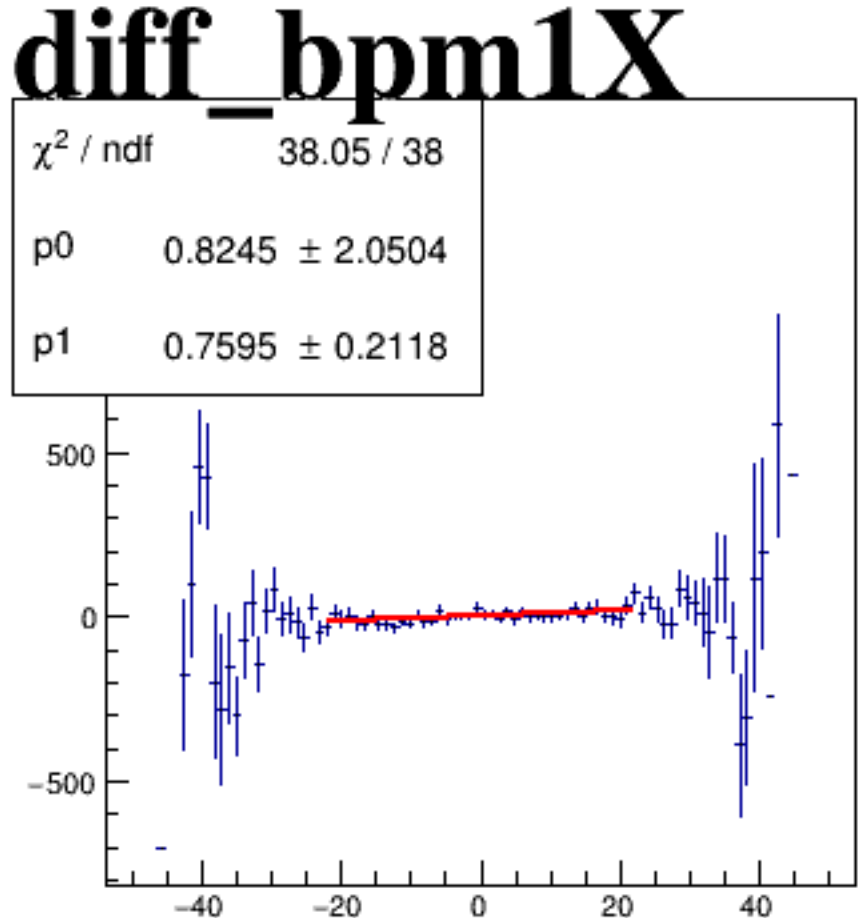
reg_asym_sam5



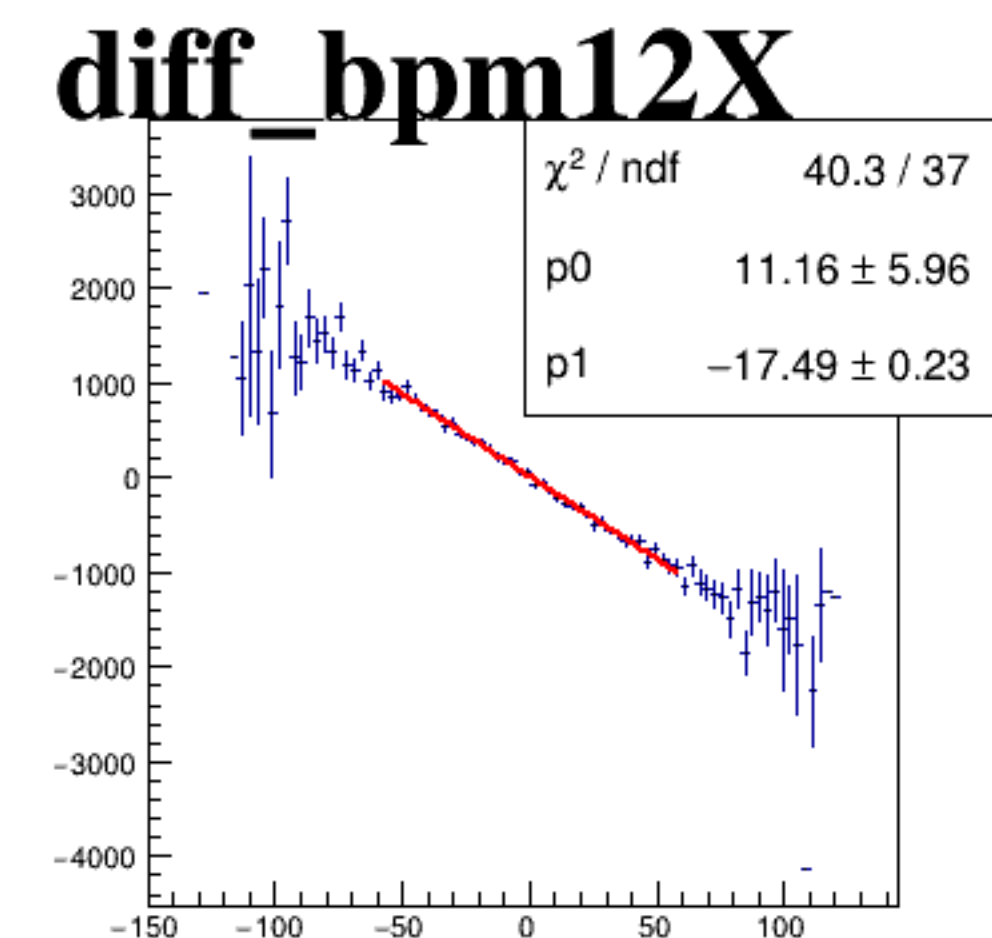
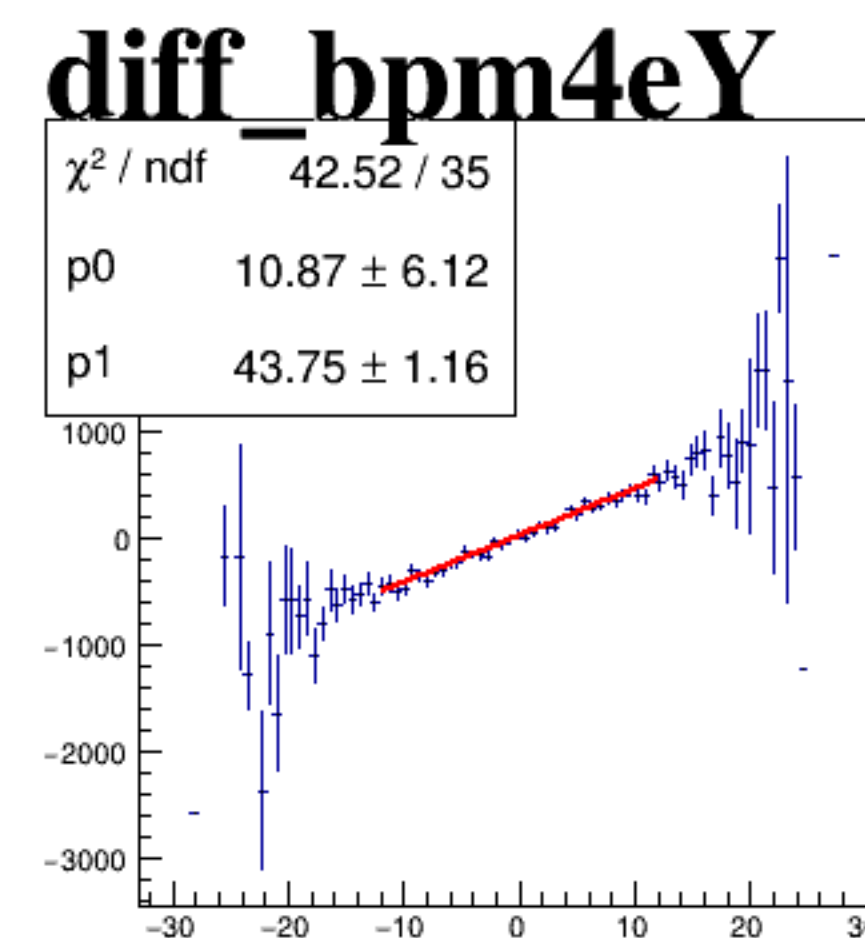
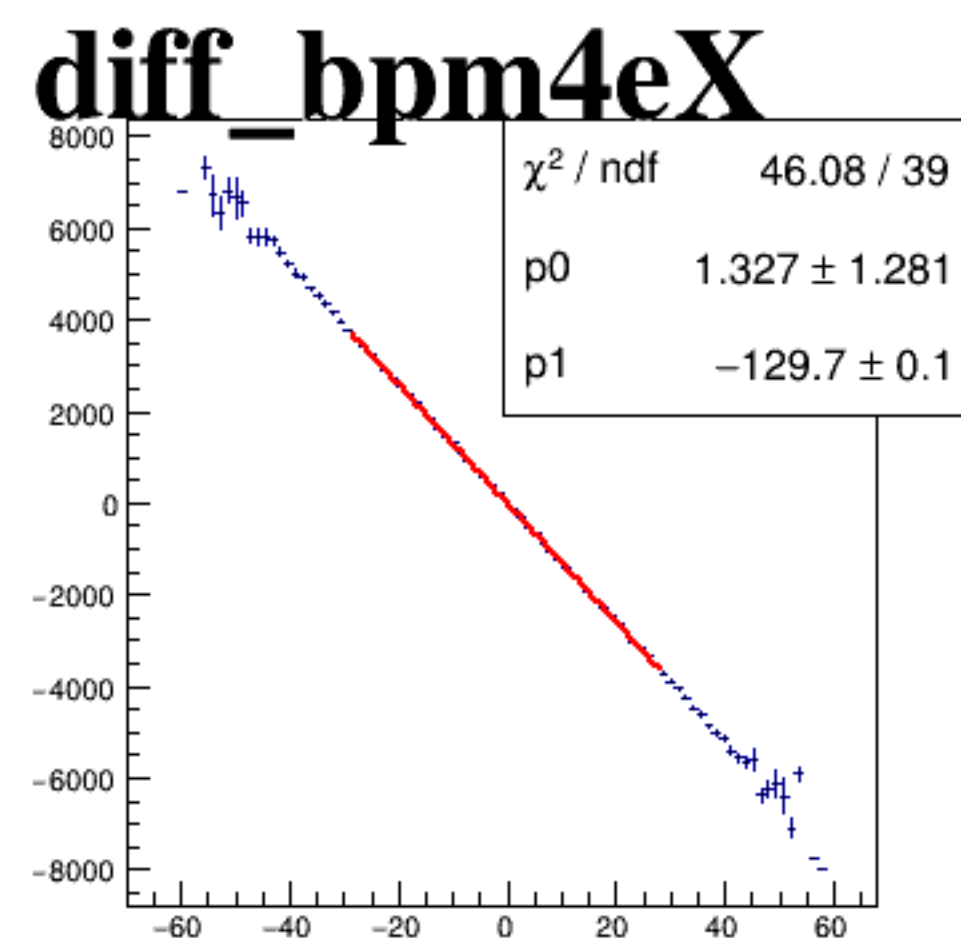
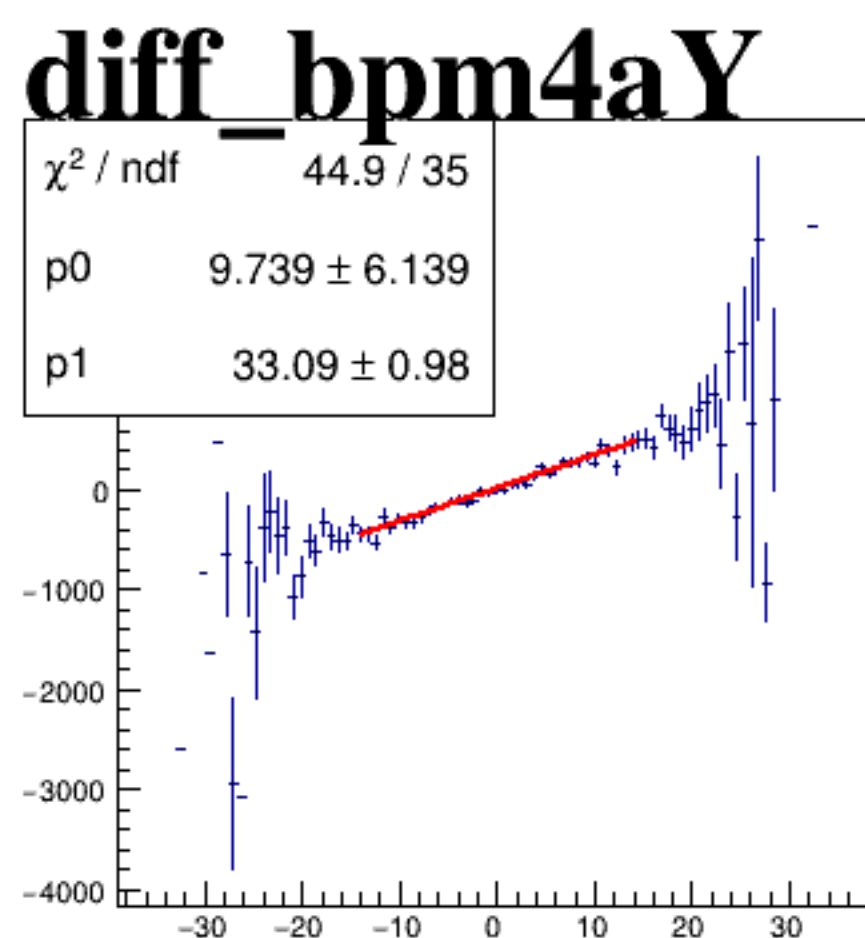
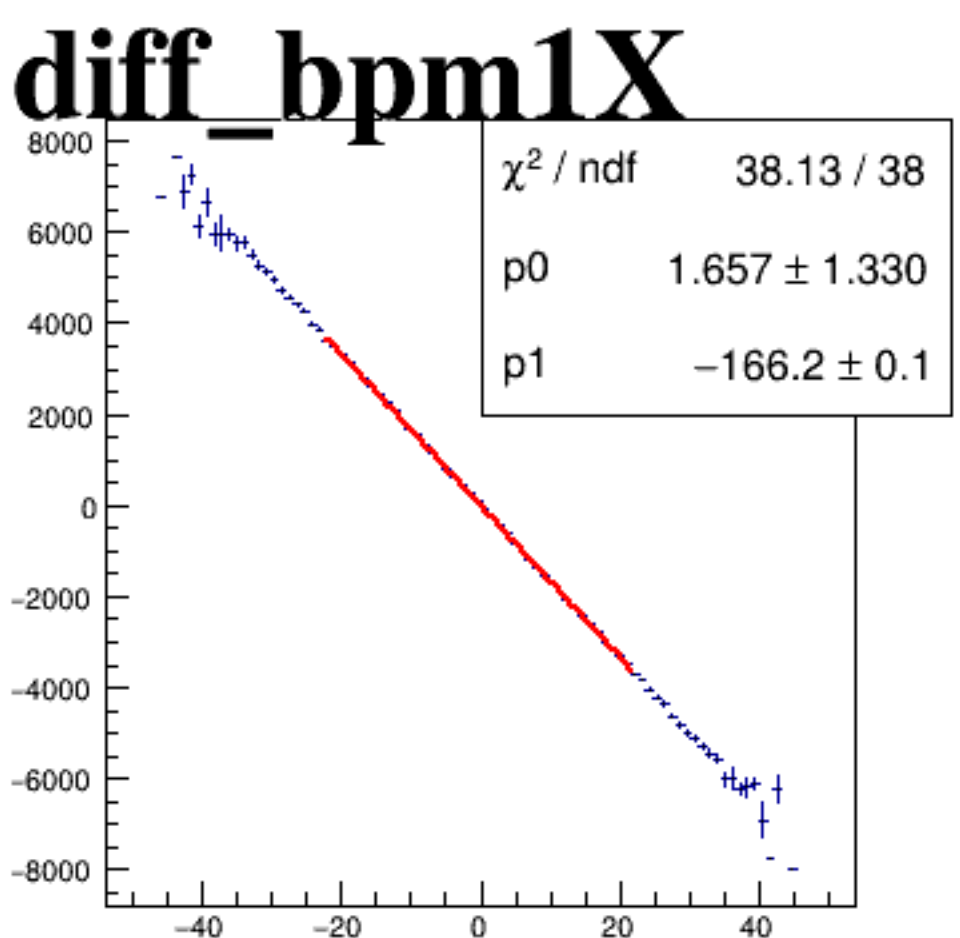
reg_asym_sam7



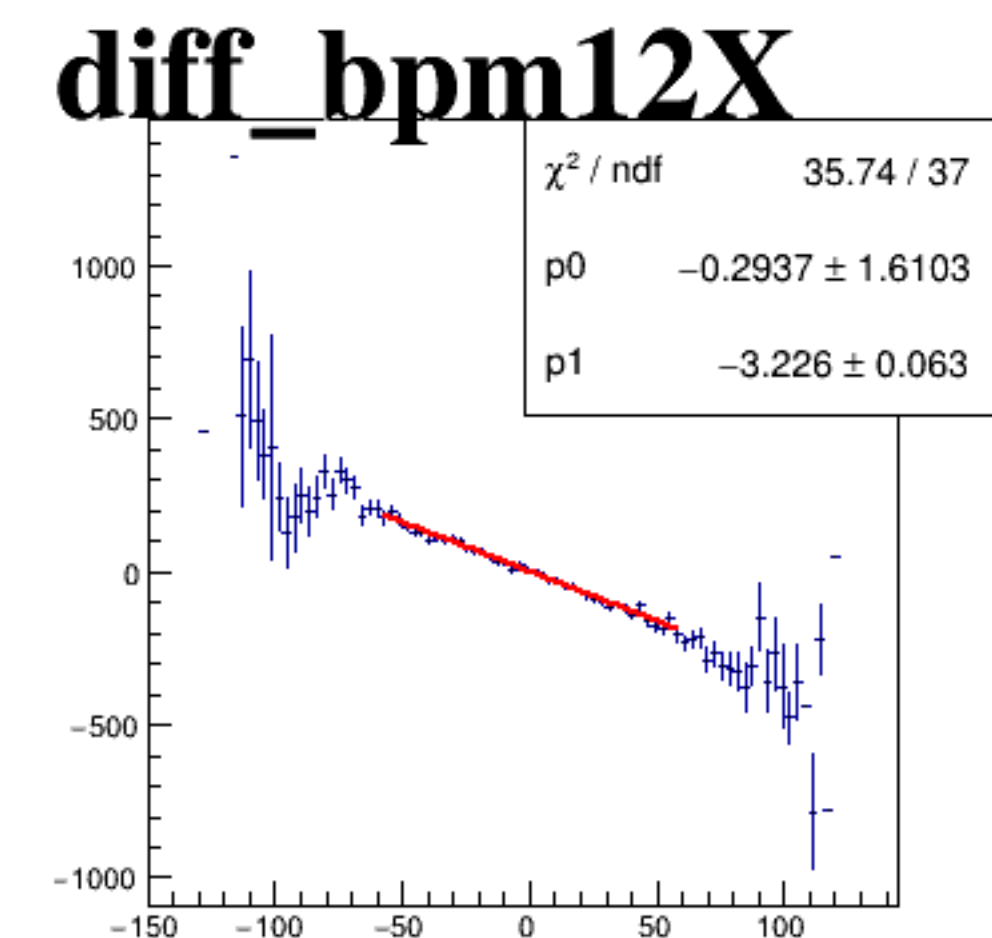
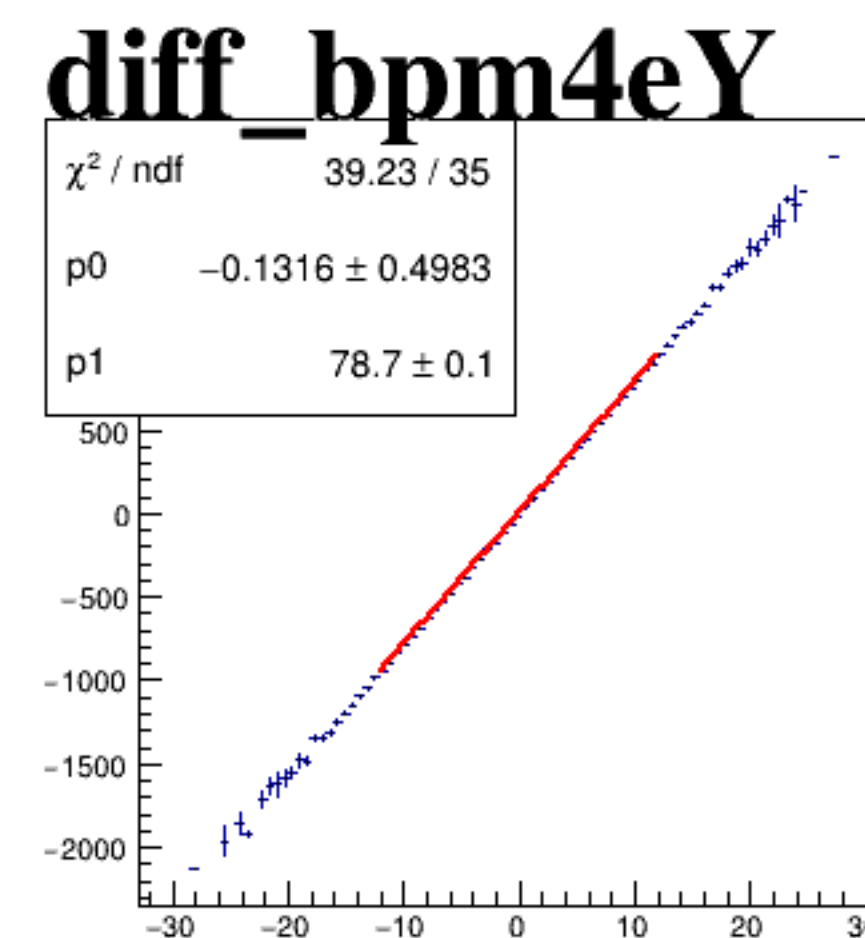
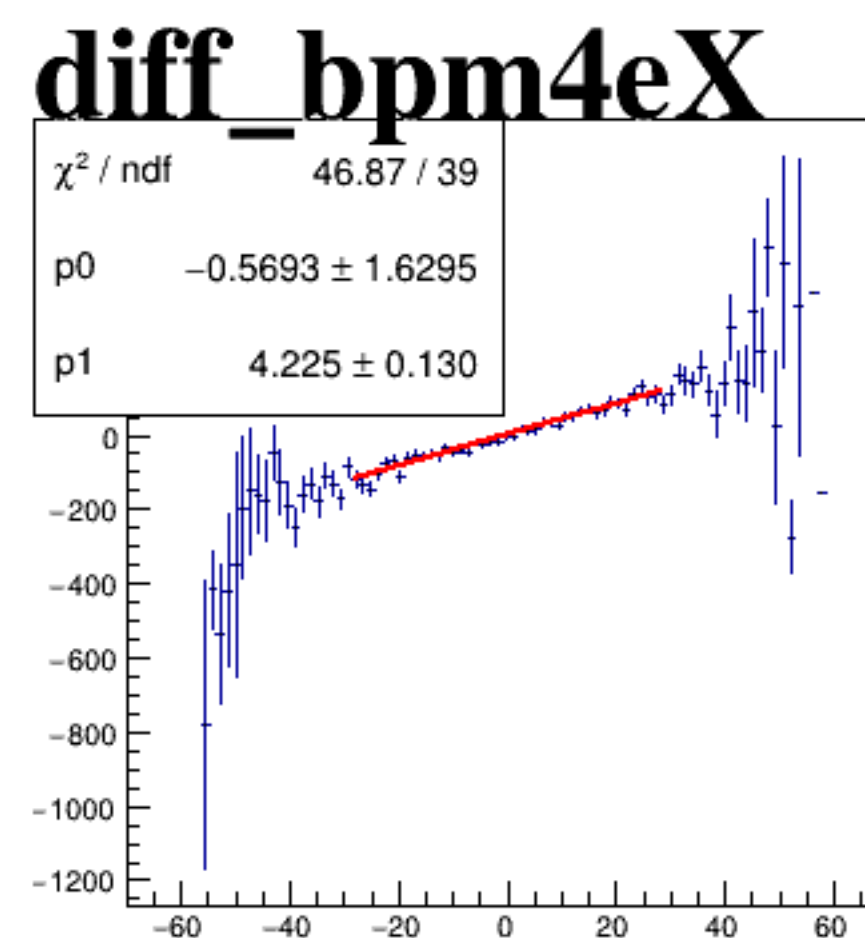
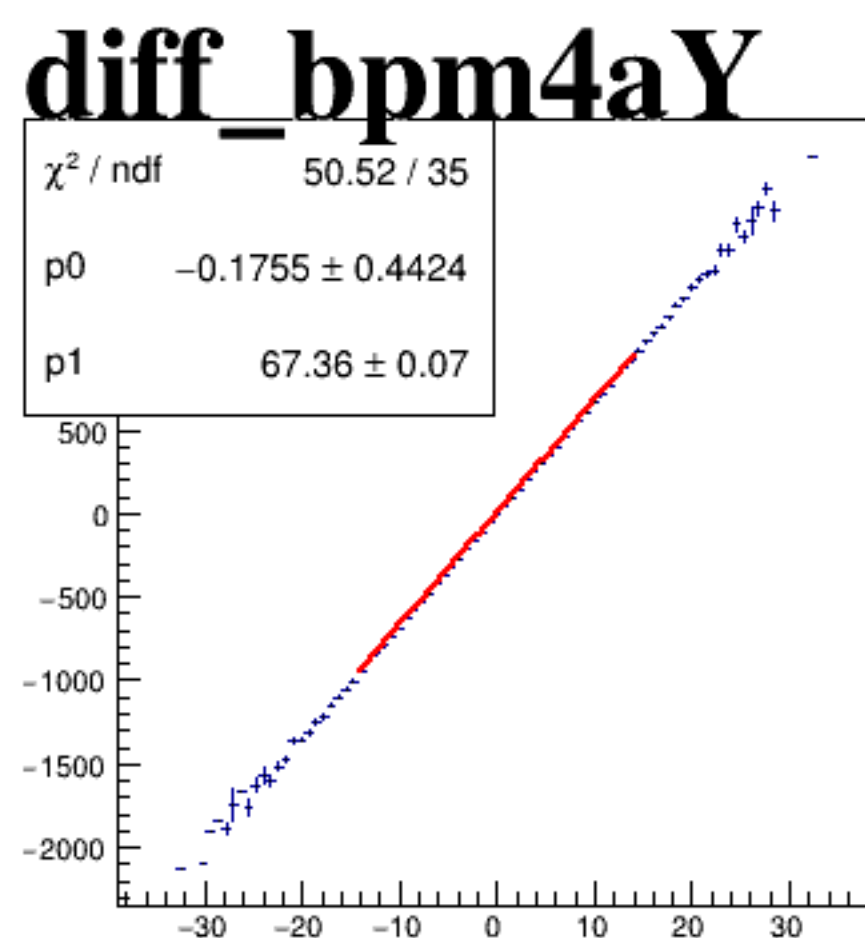
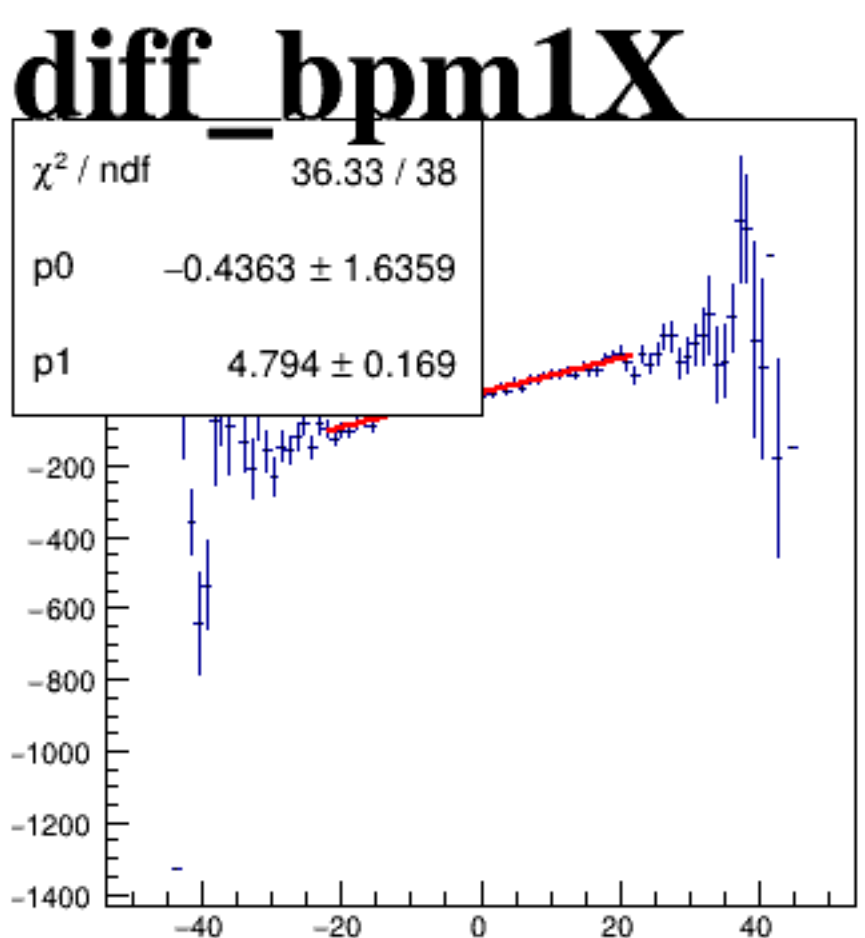
asym_sam1



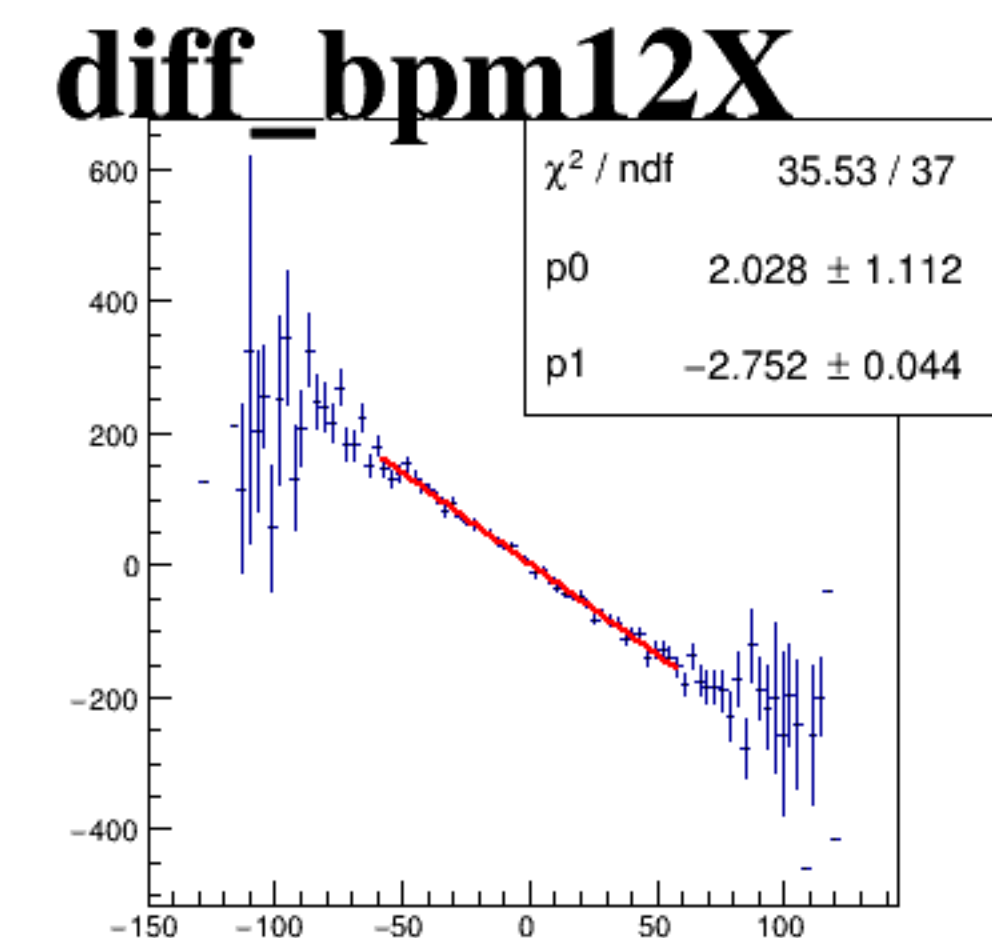
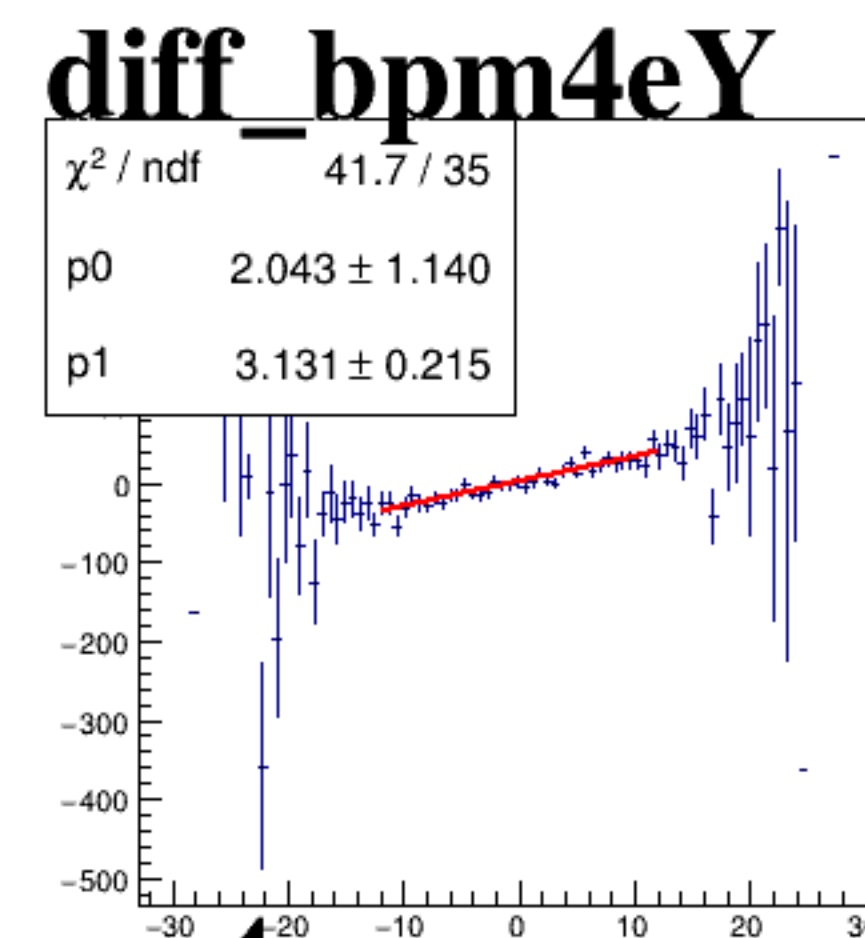
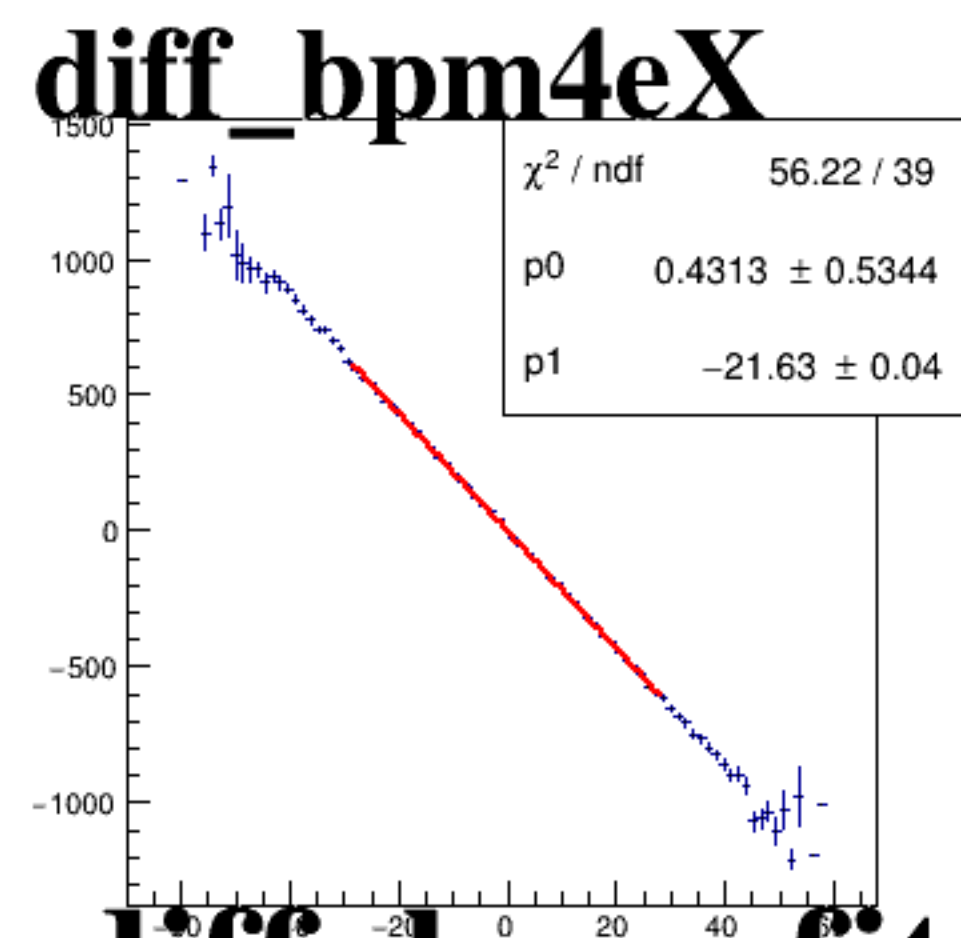
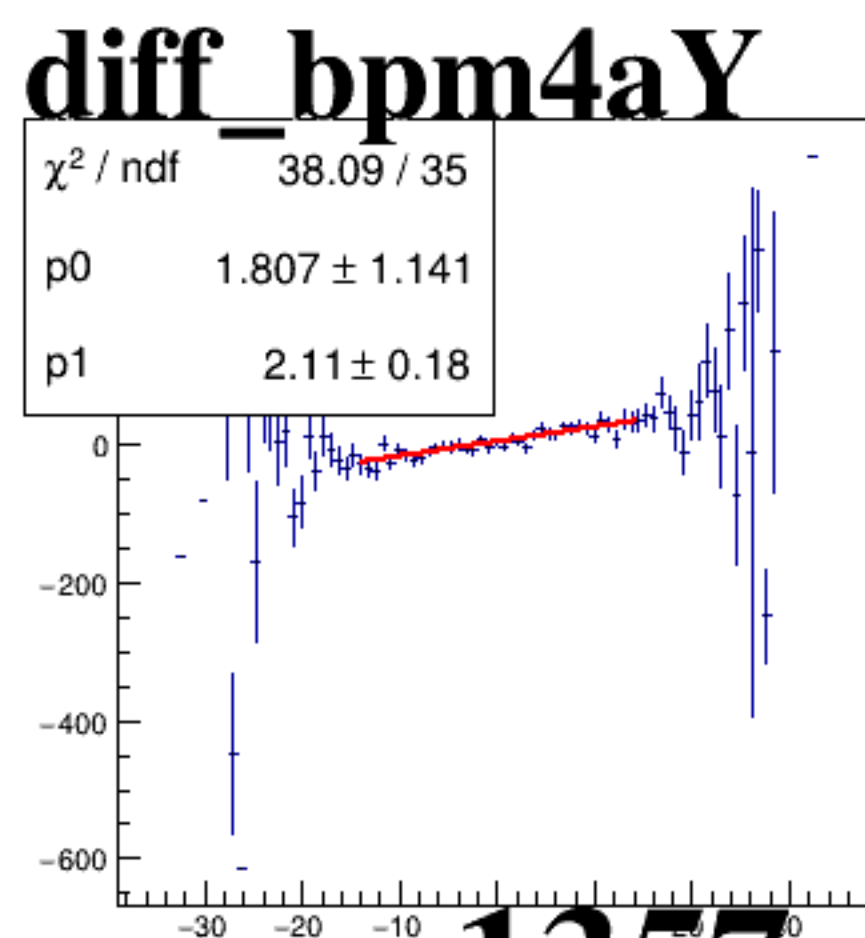
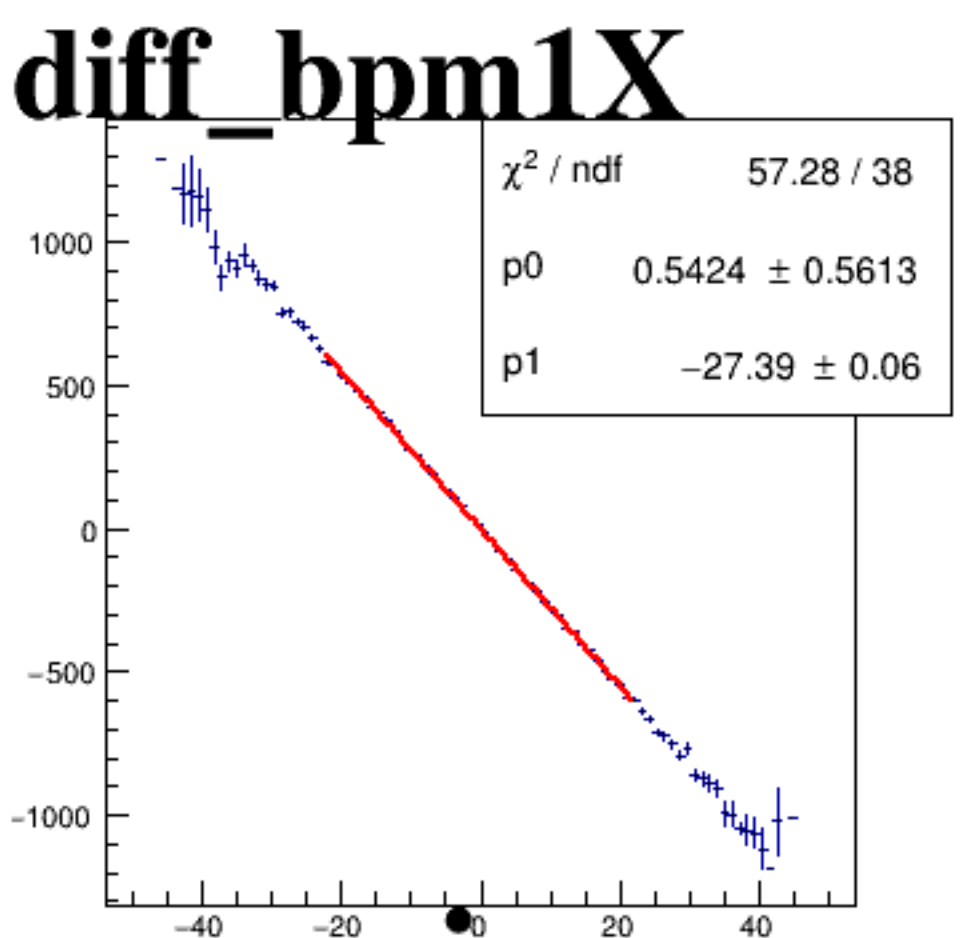
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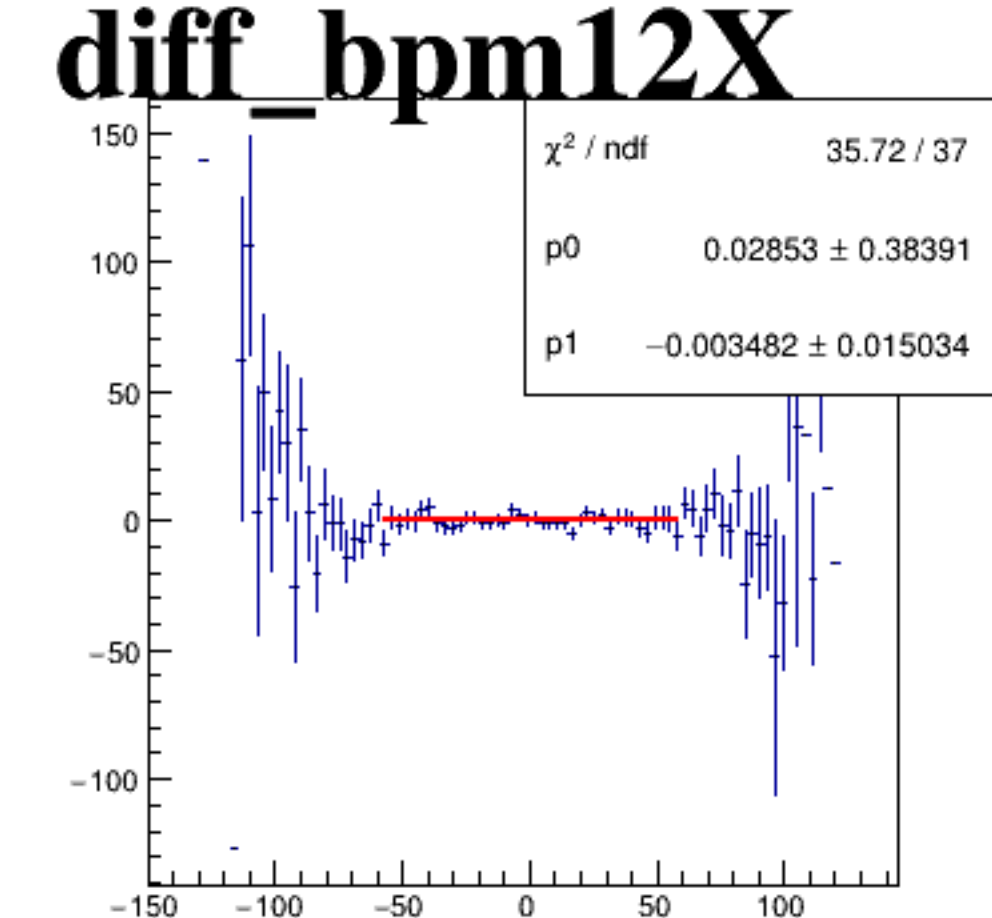
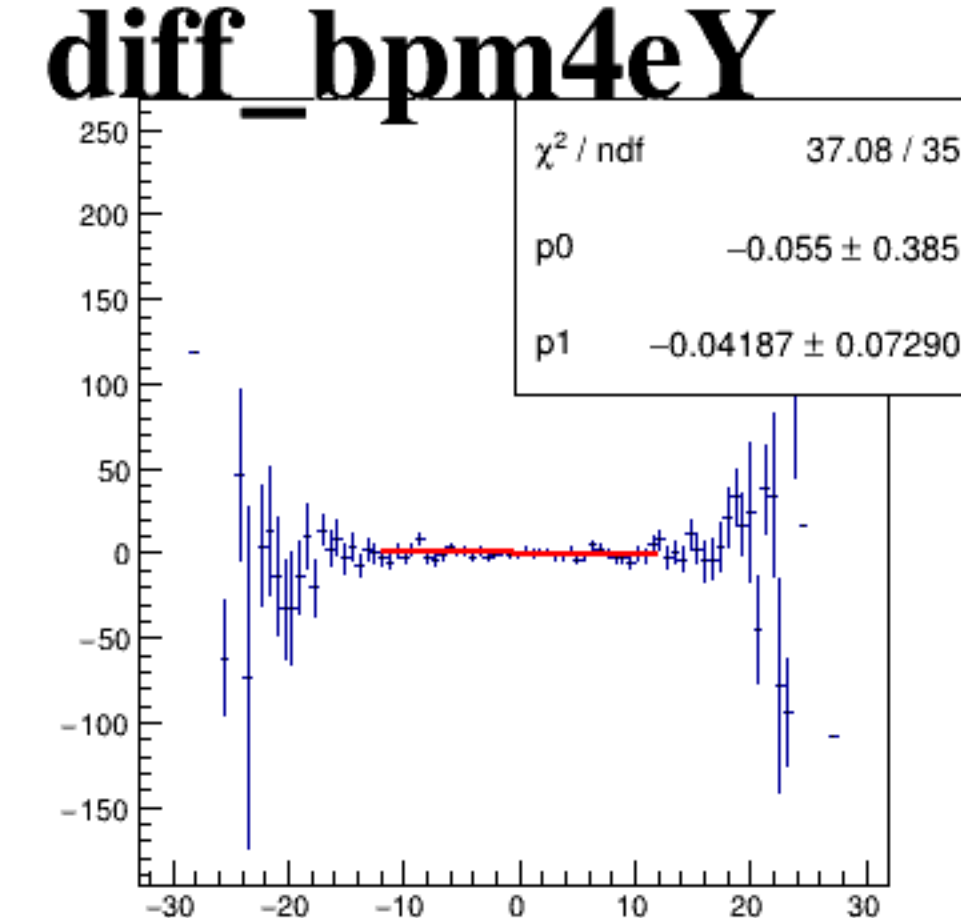
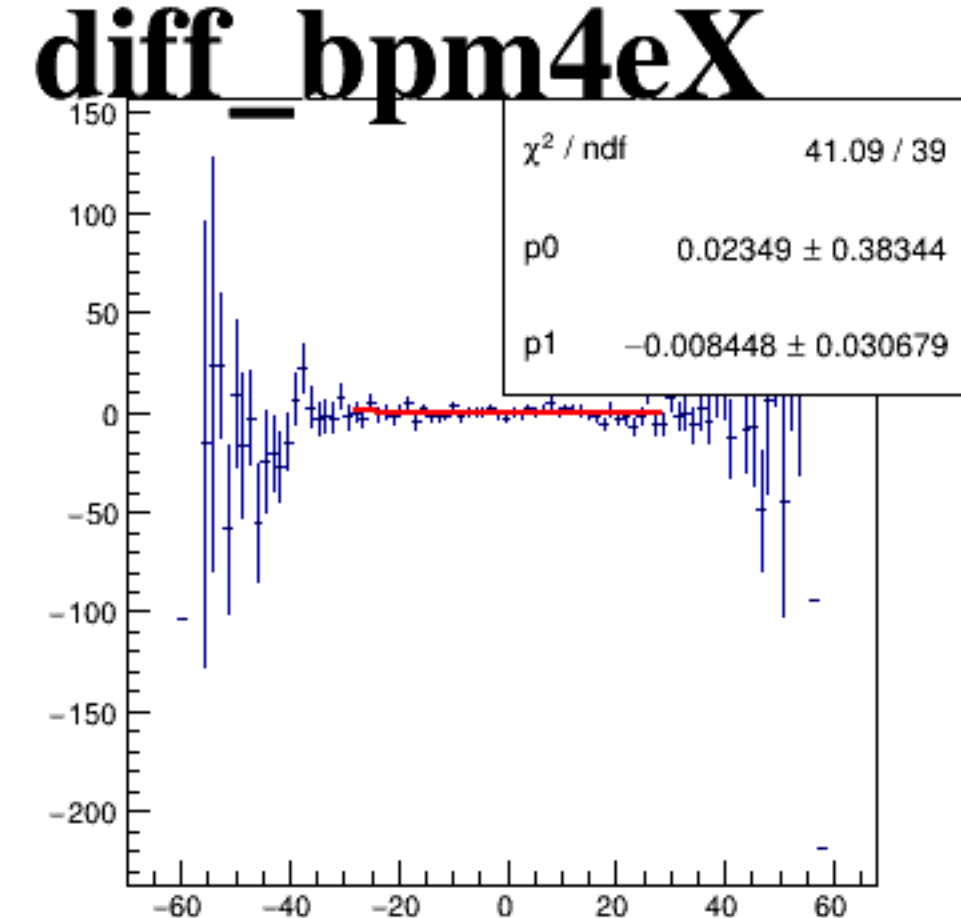
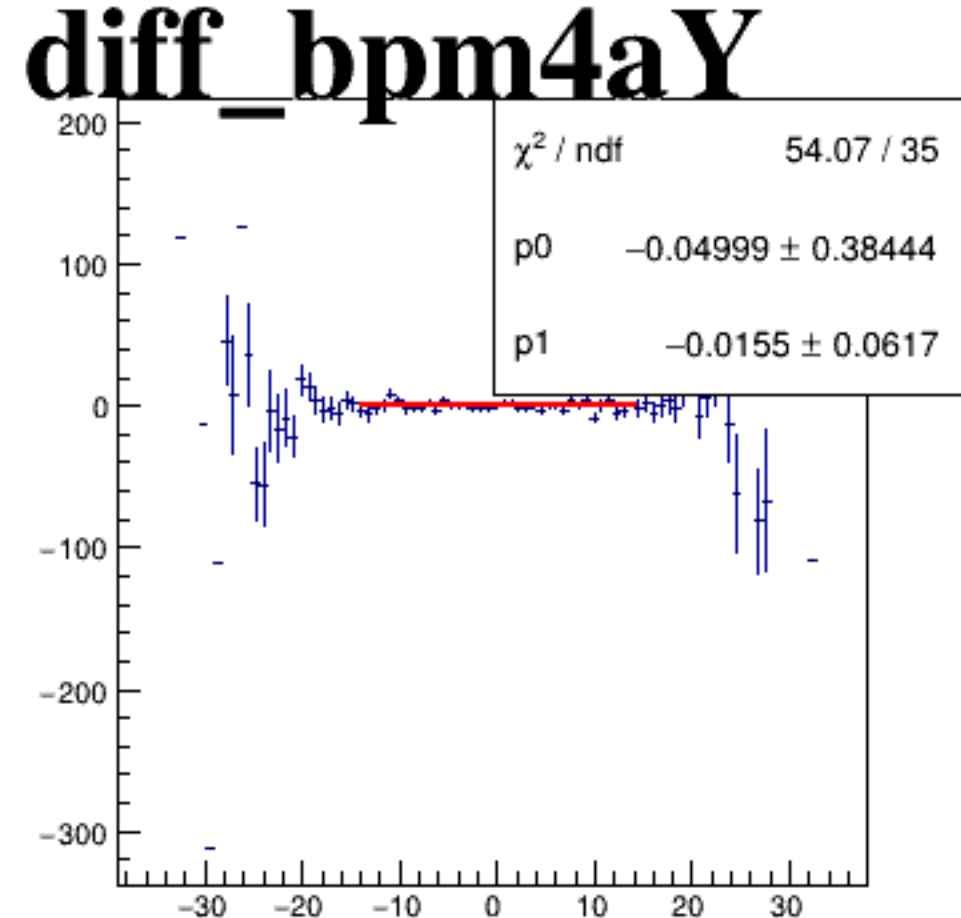
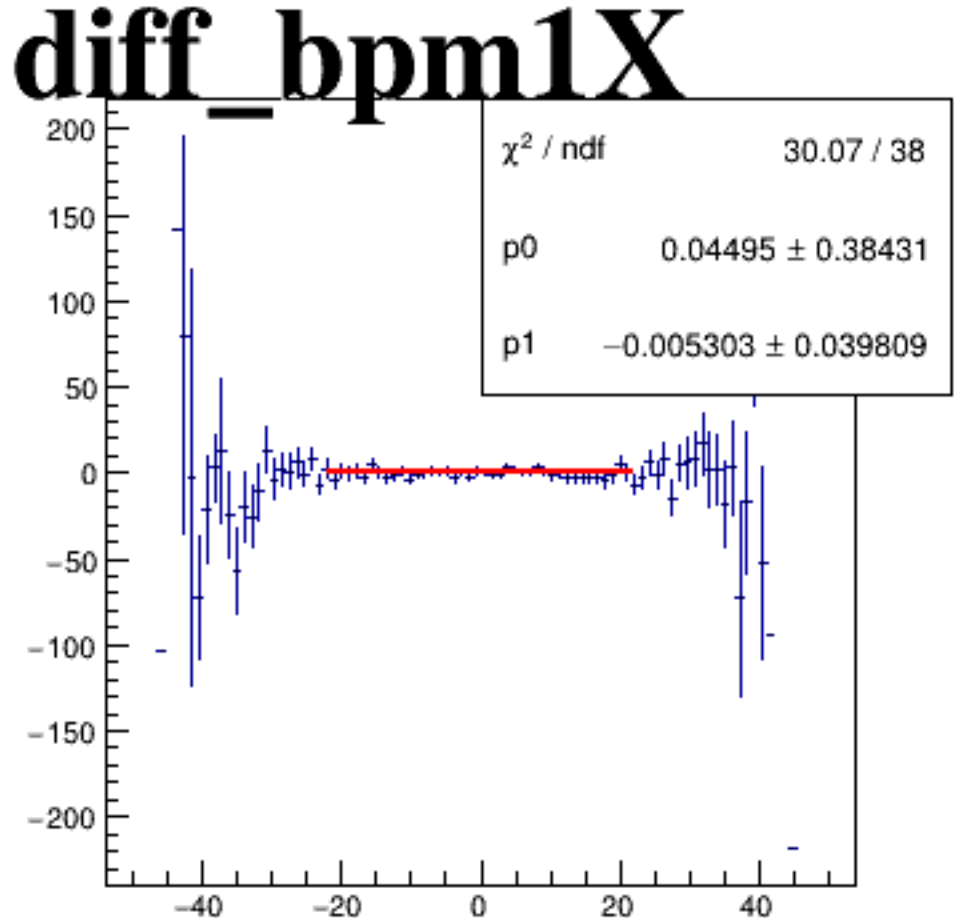
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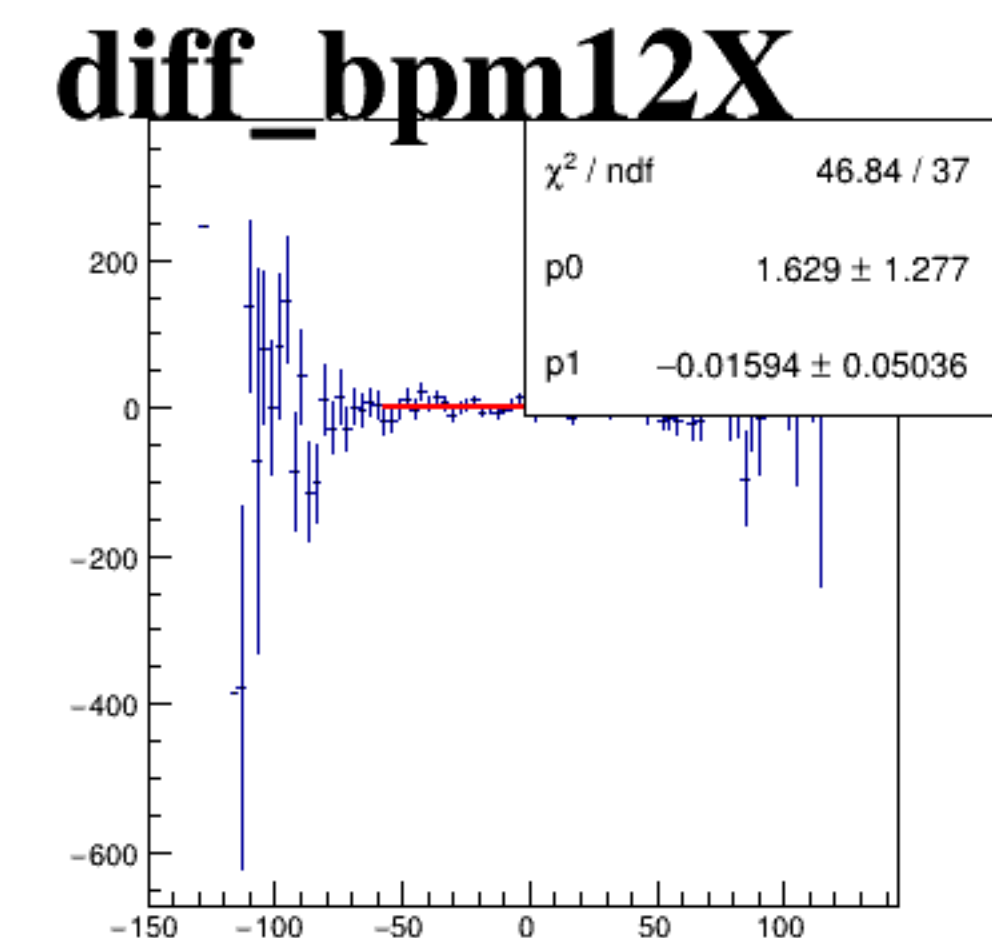
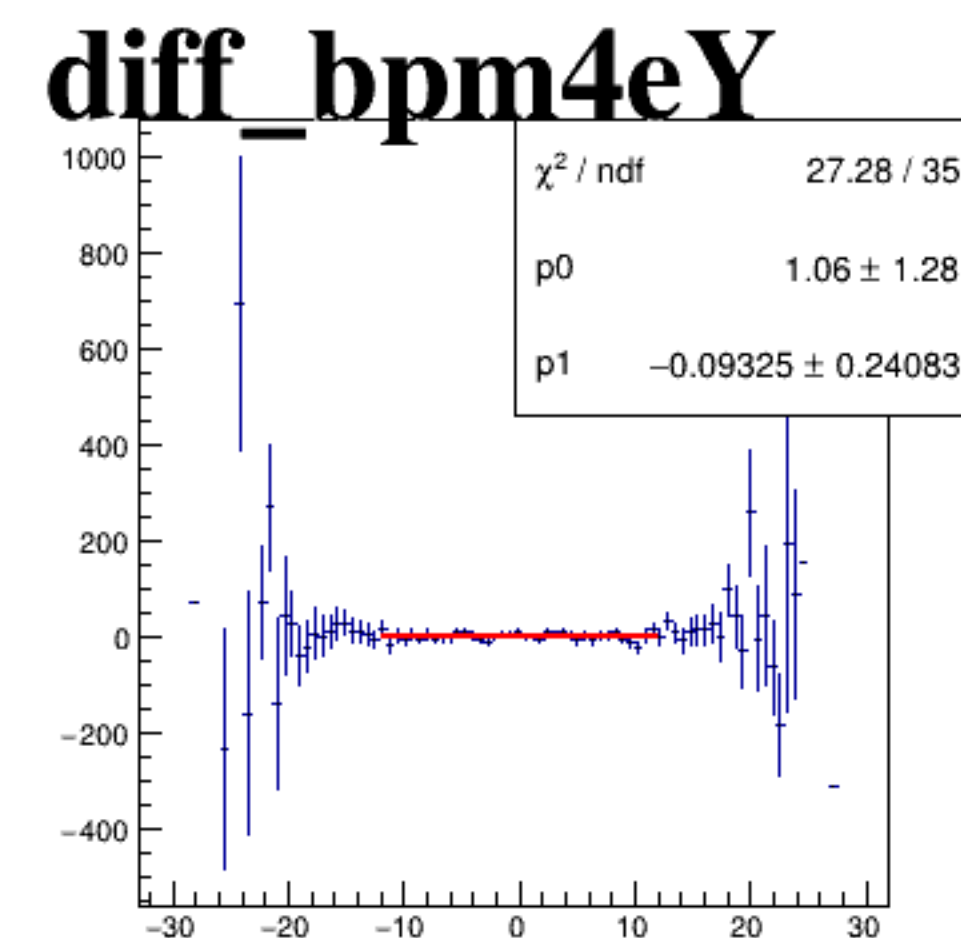
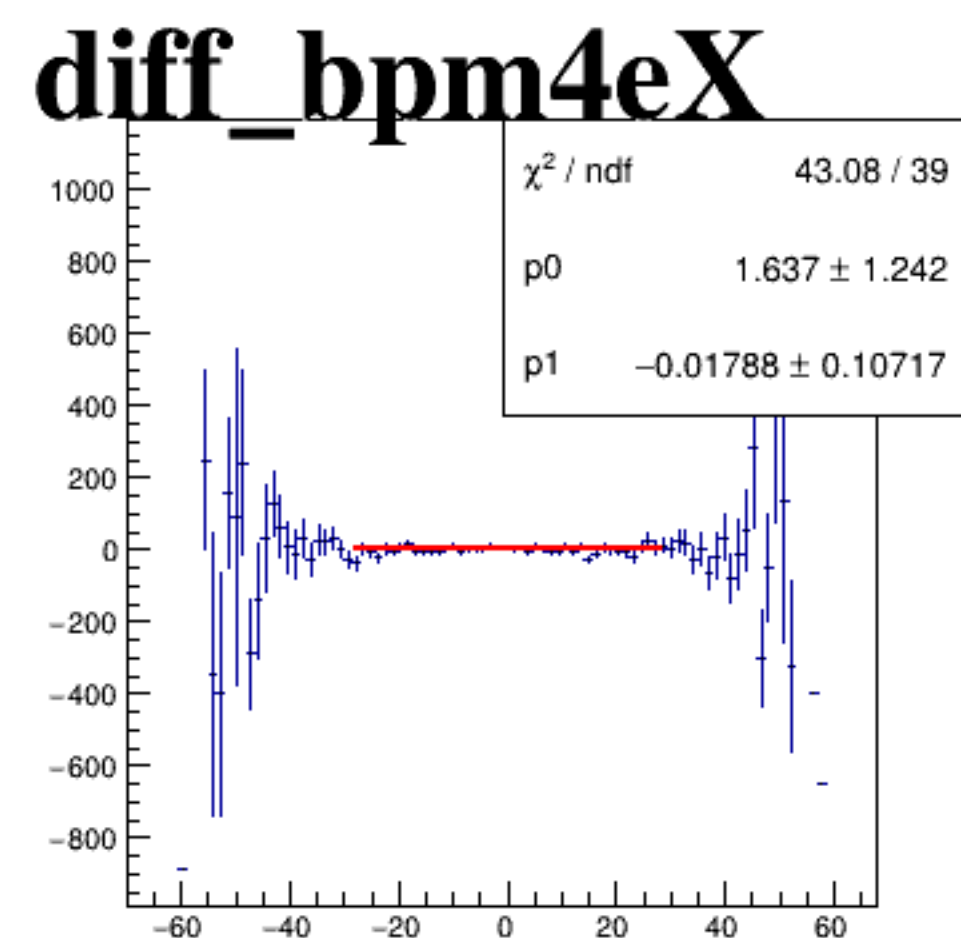
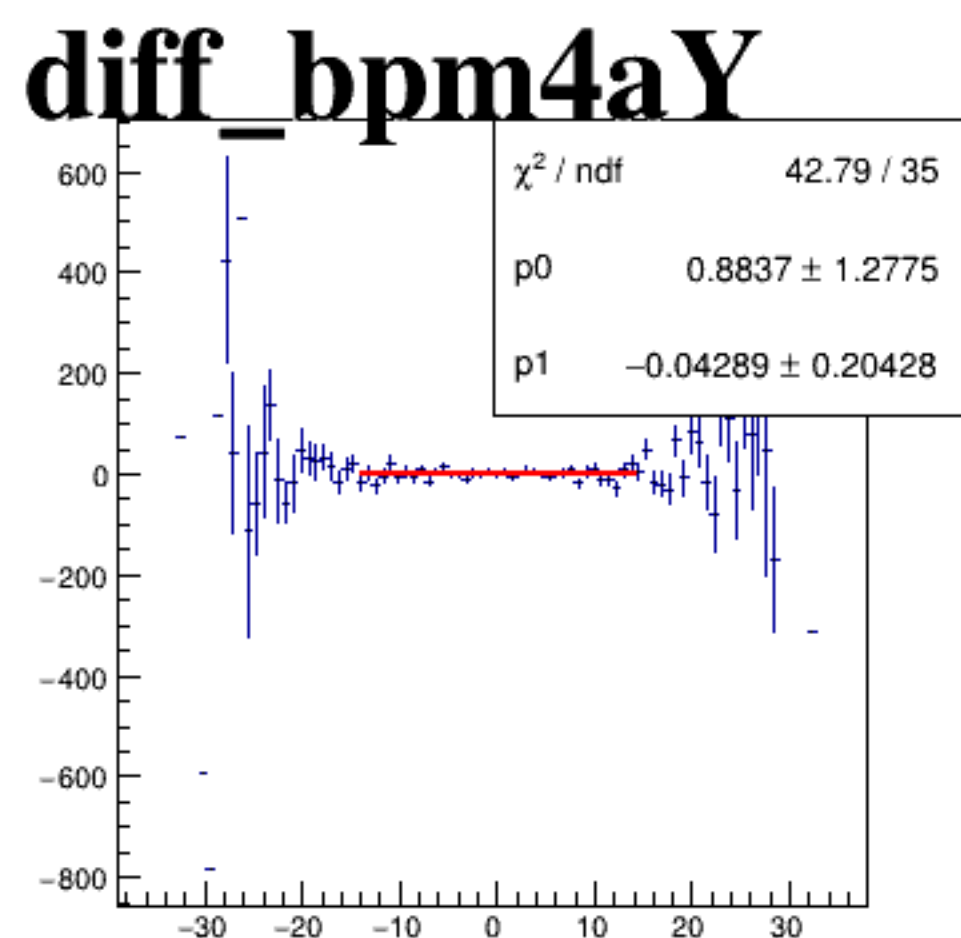
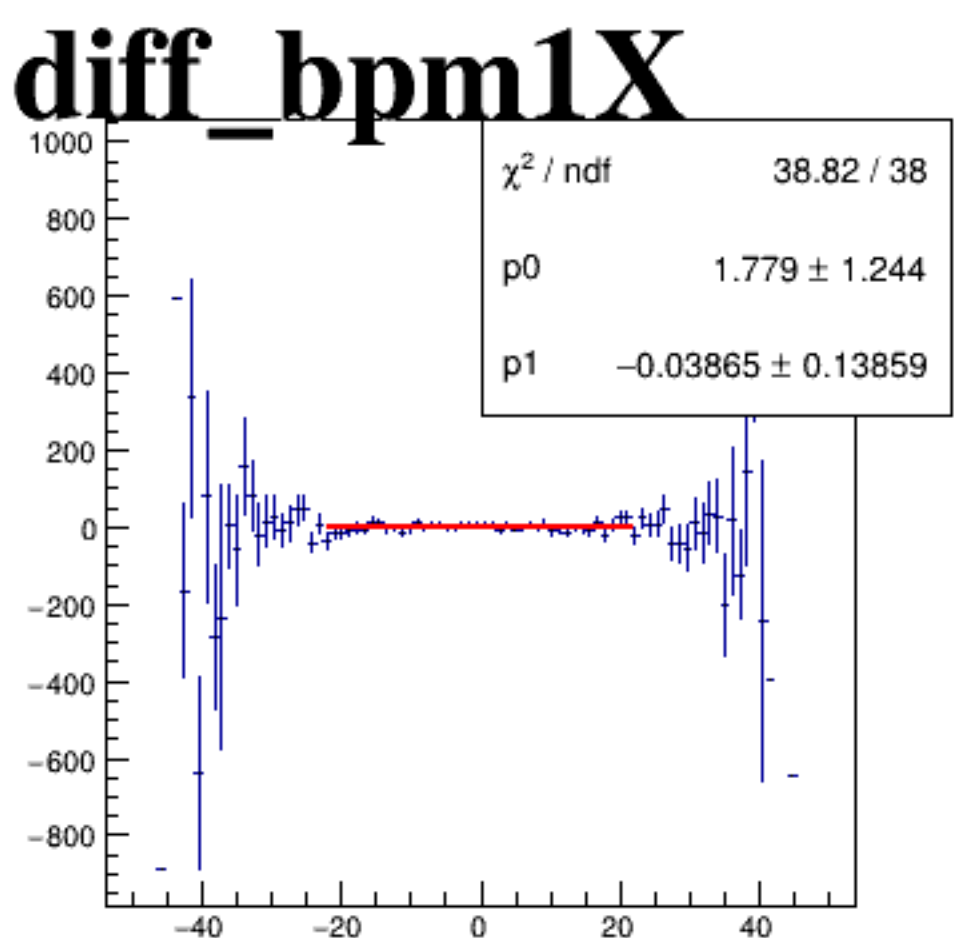
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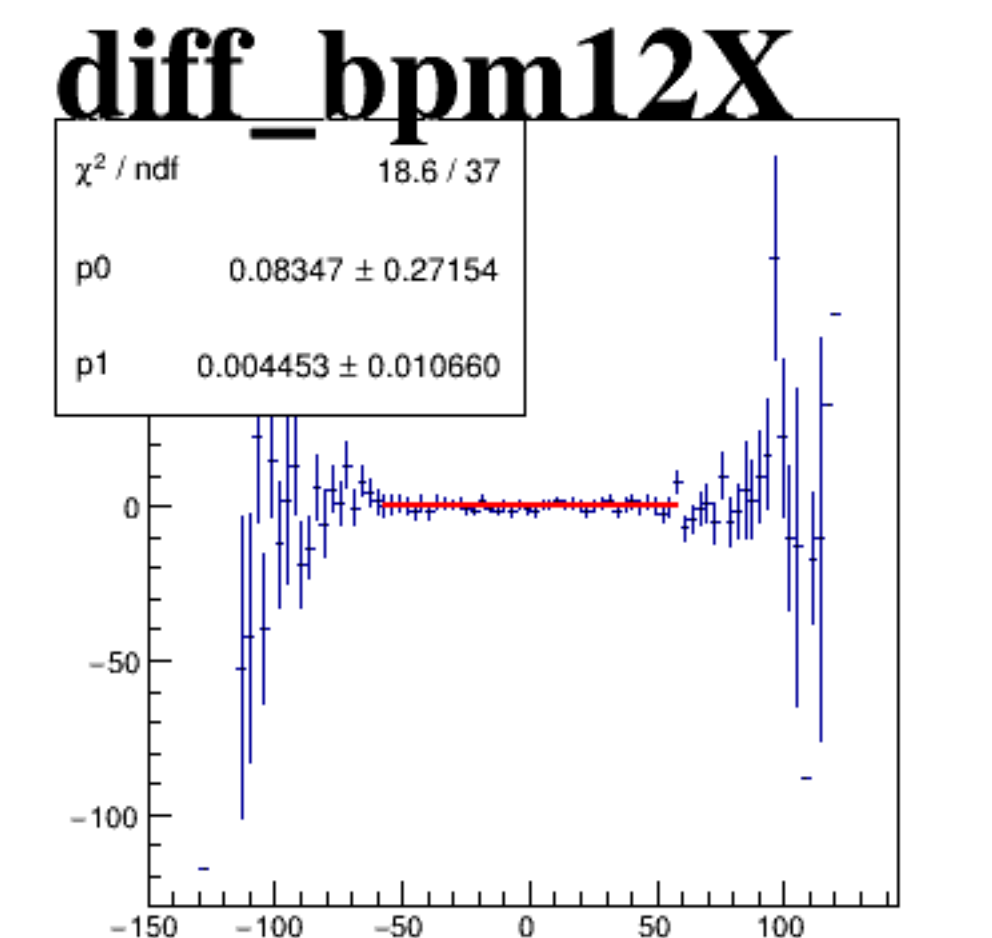
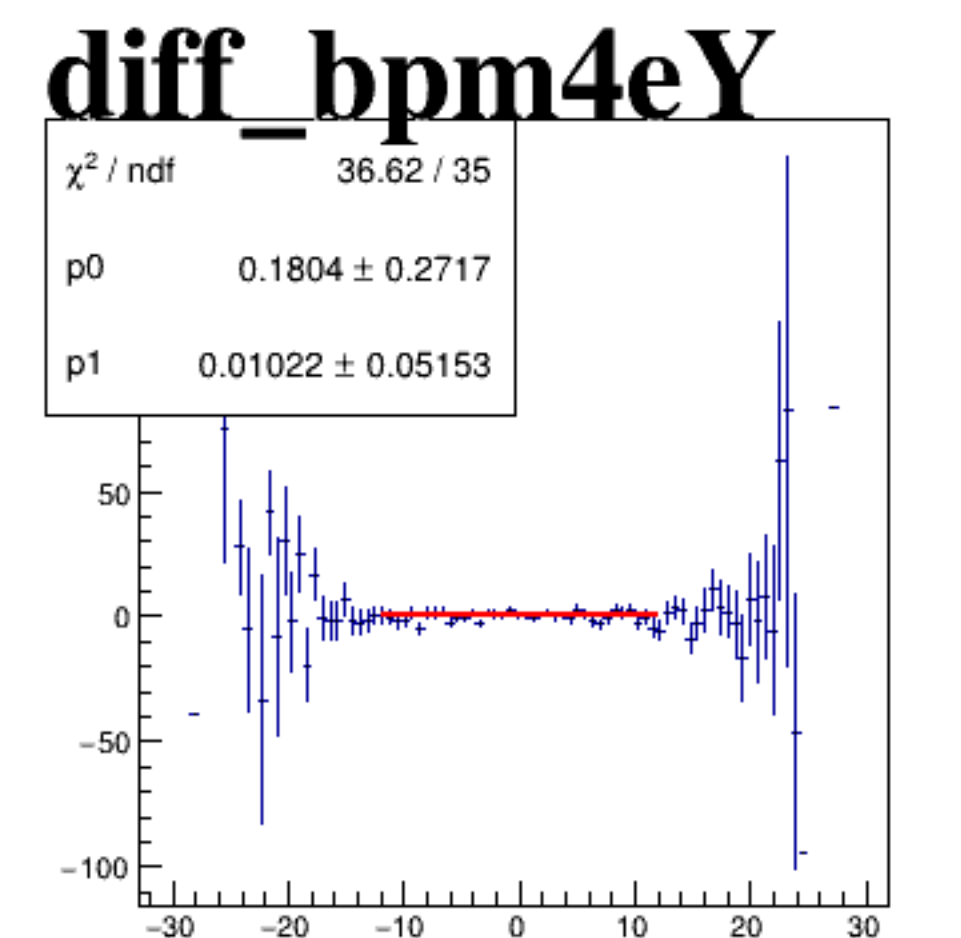
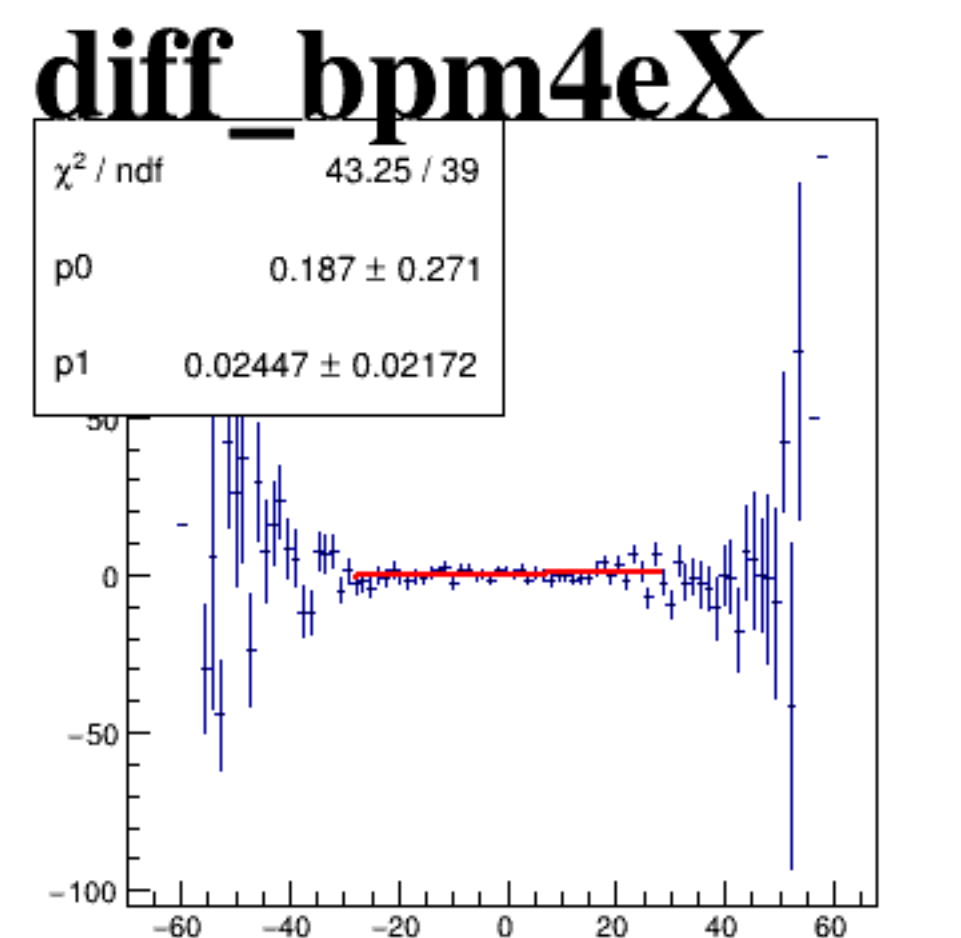
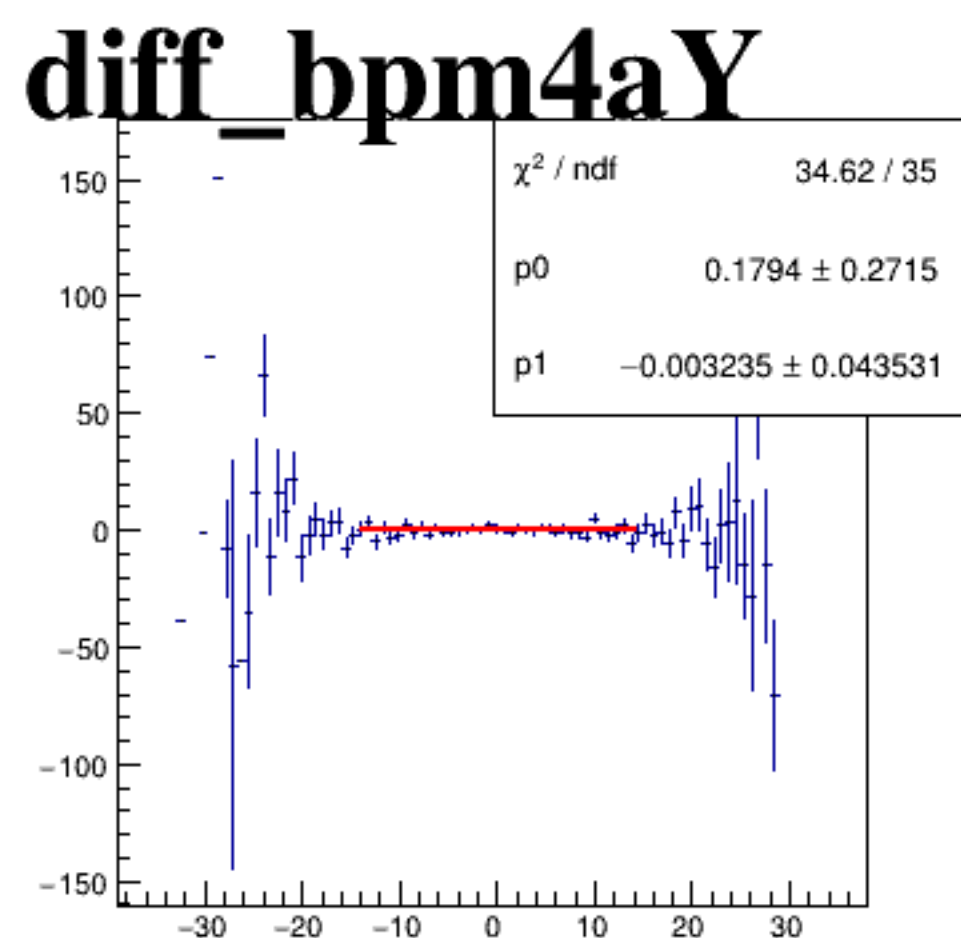
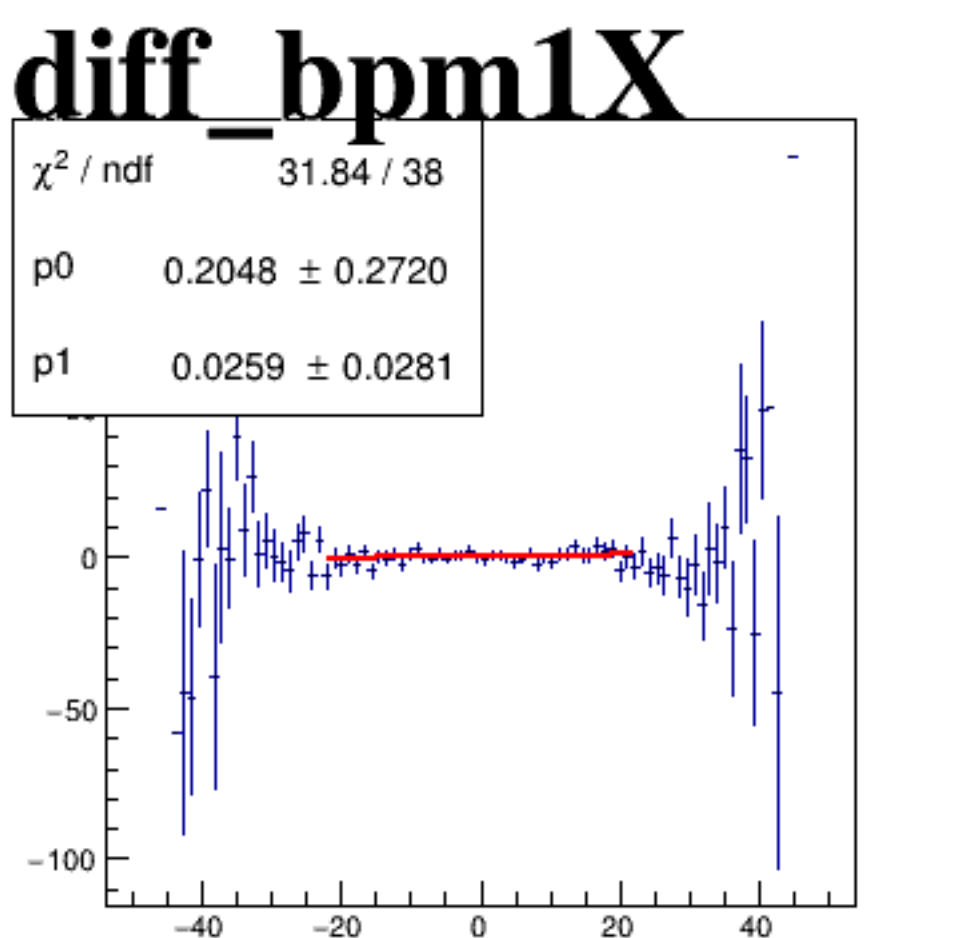
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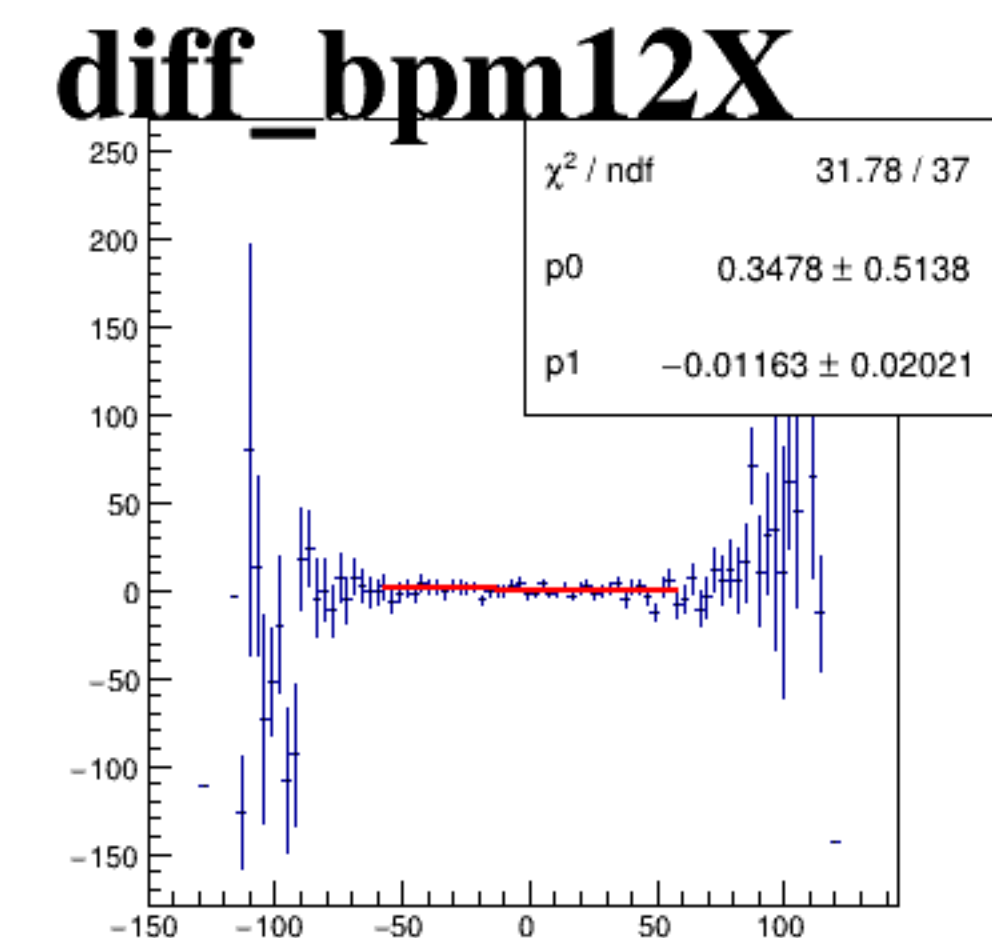
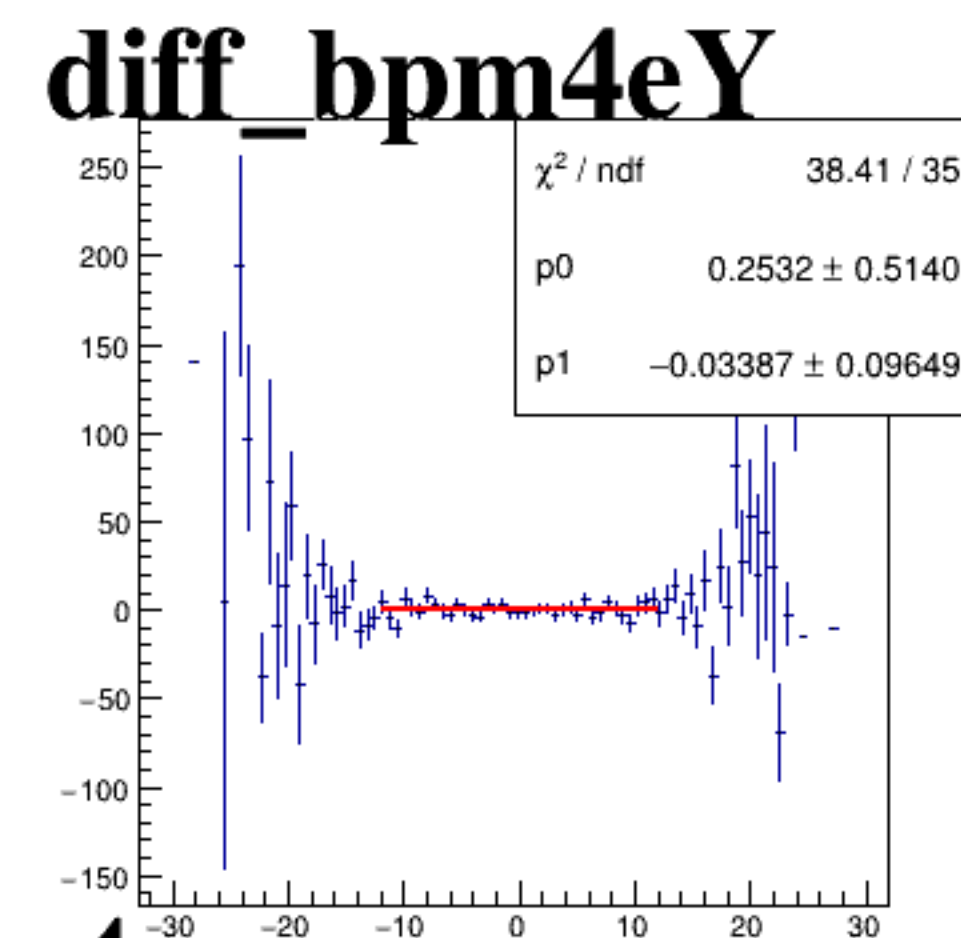
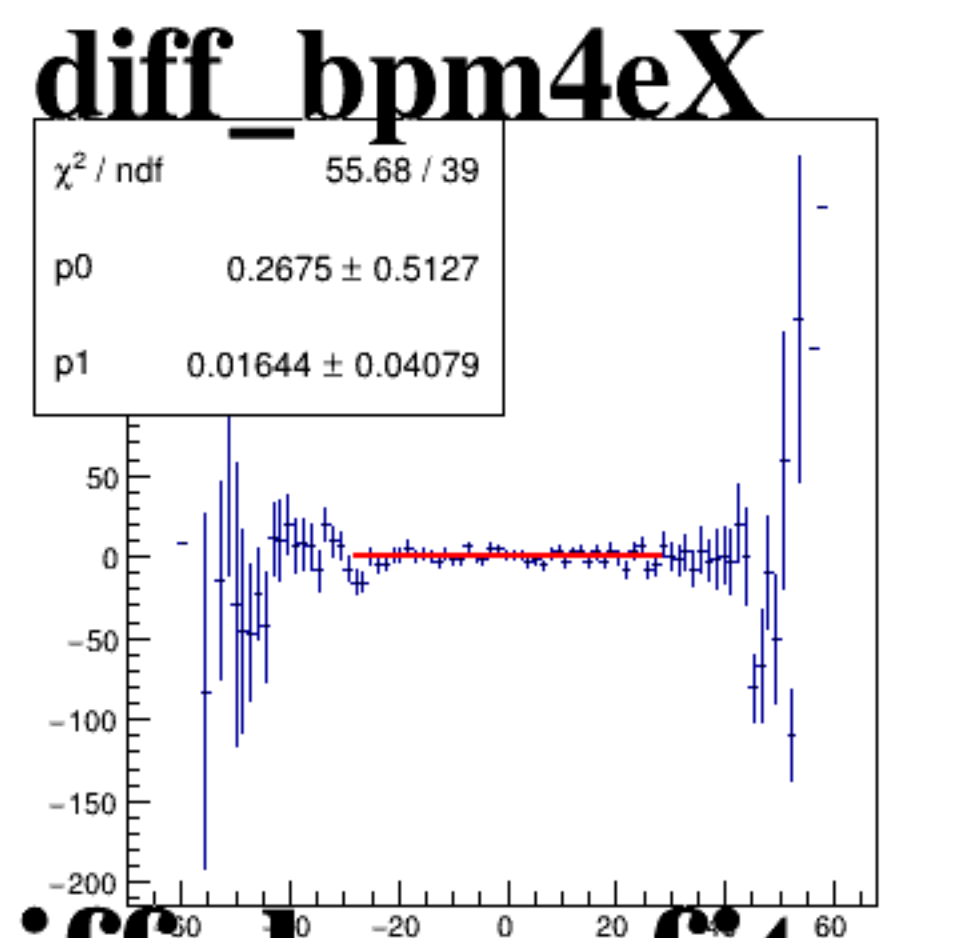
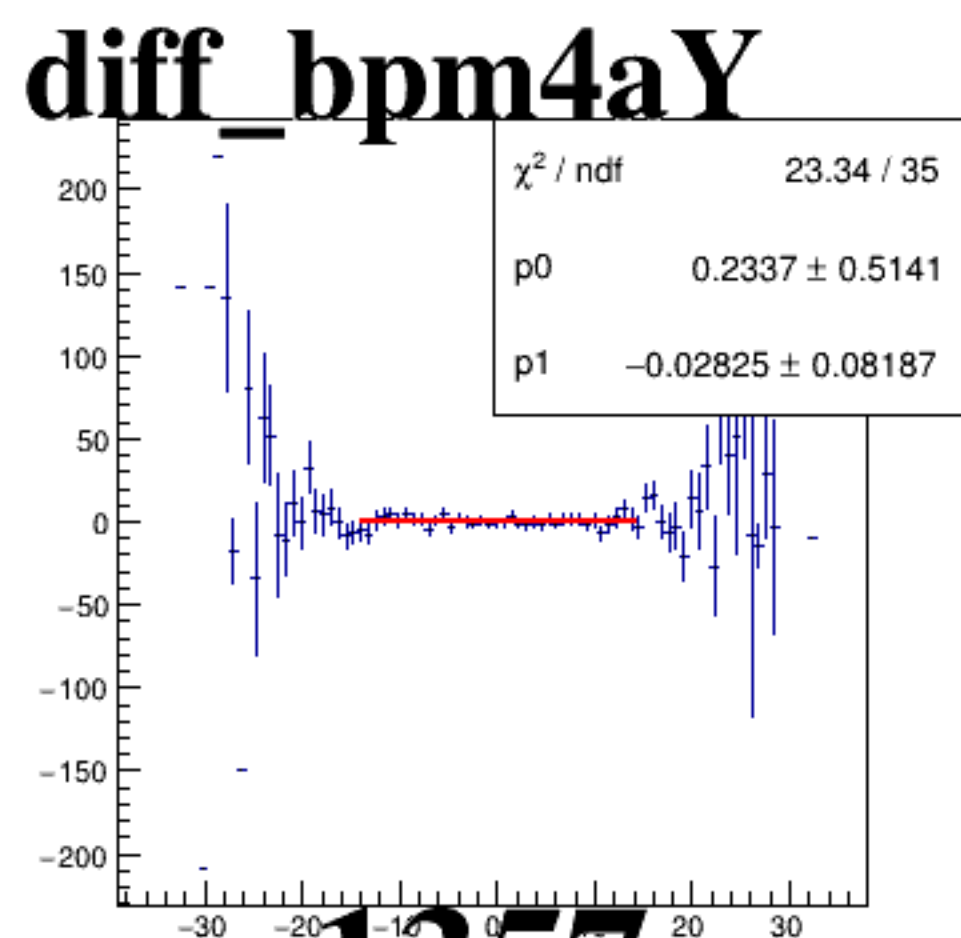
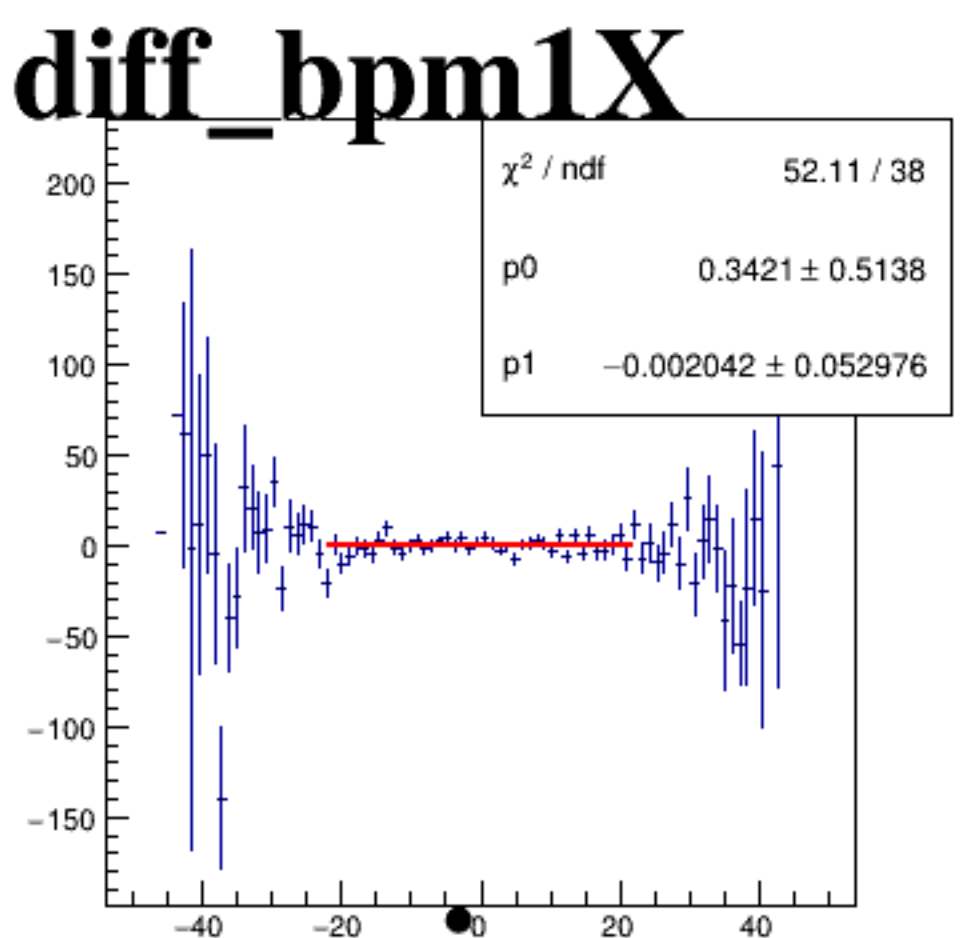
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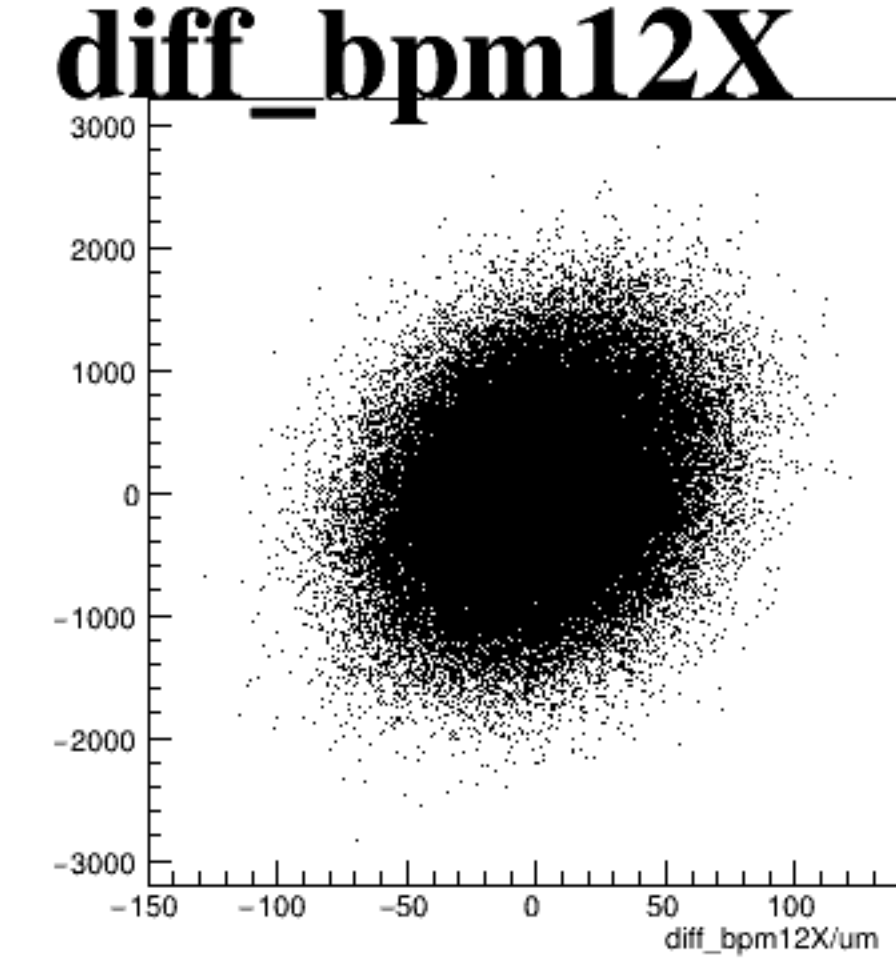
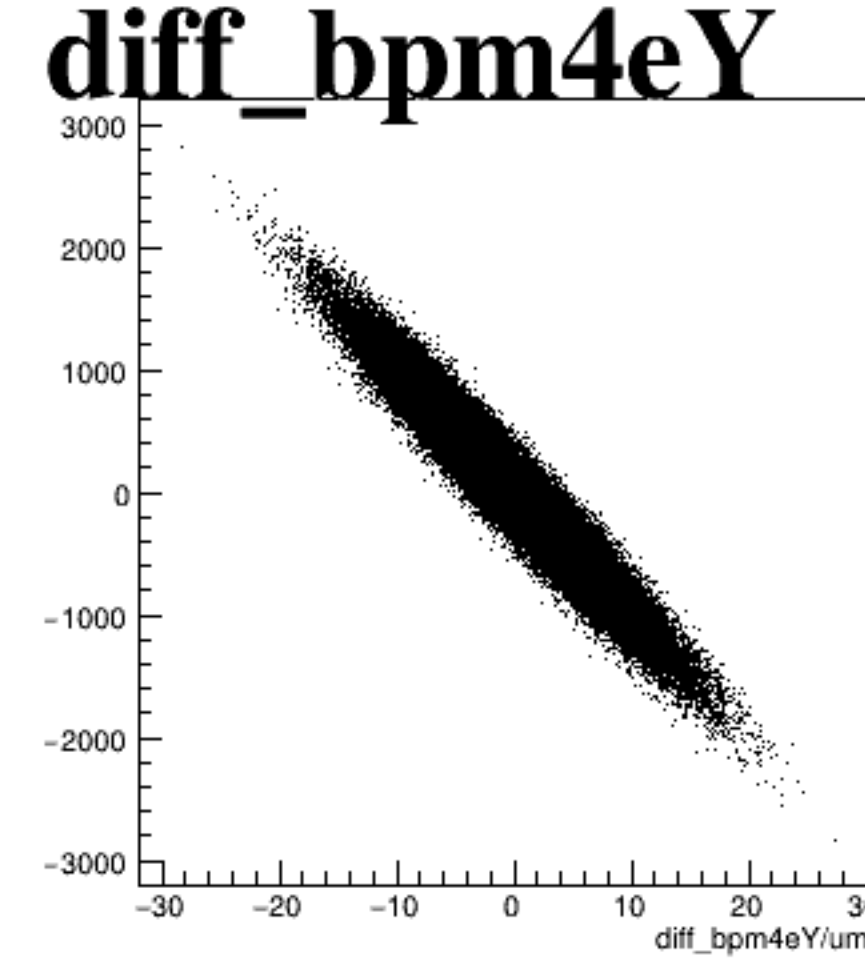
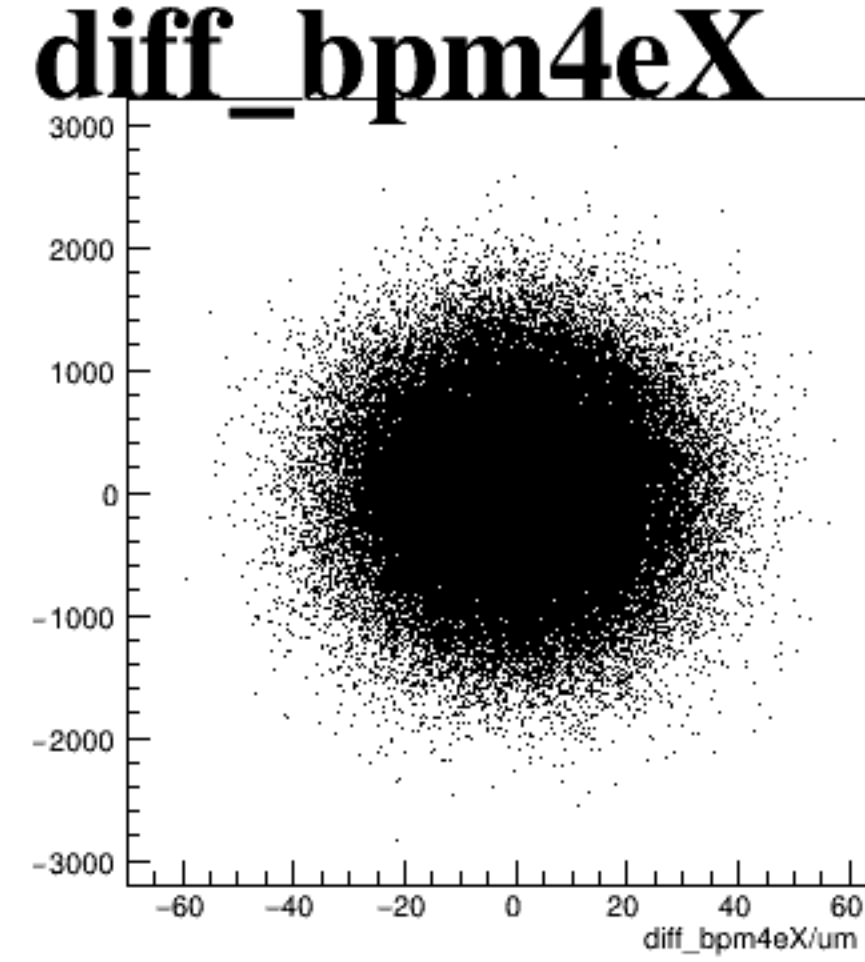
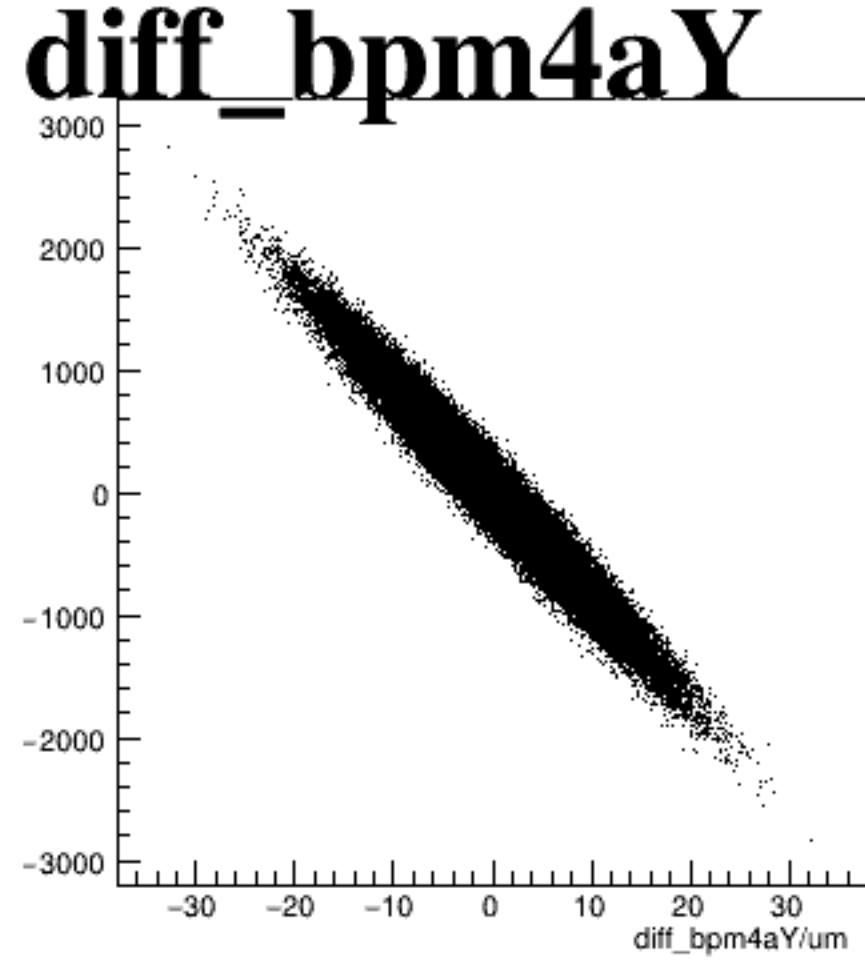
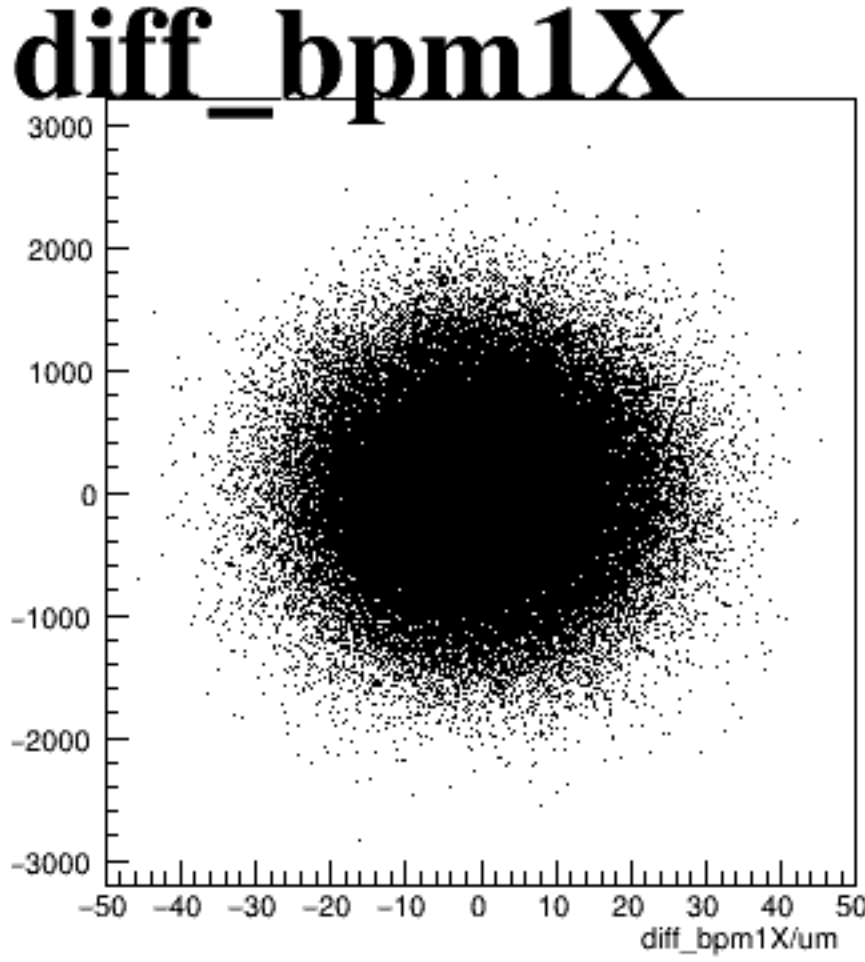
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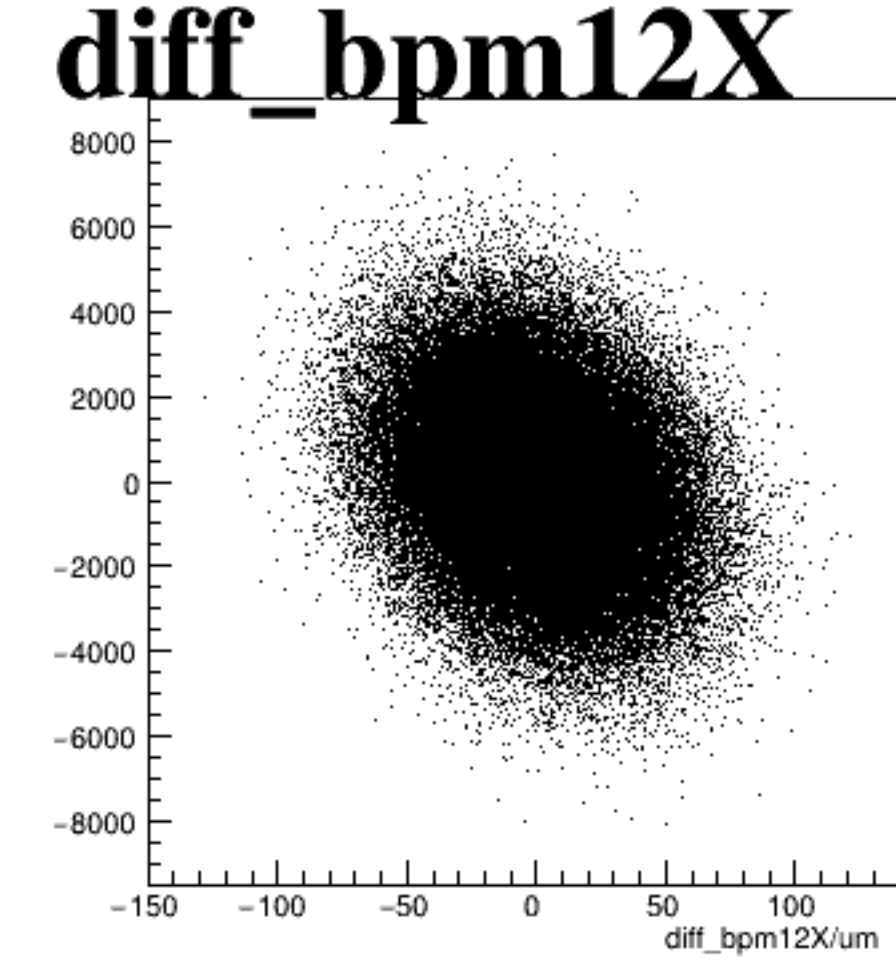
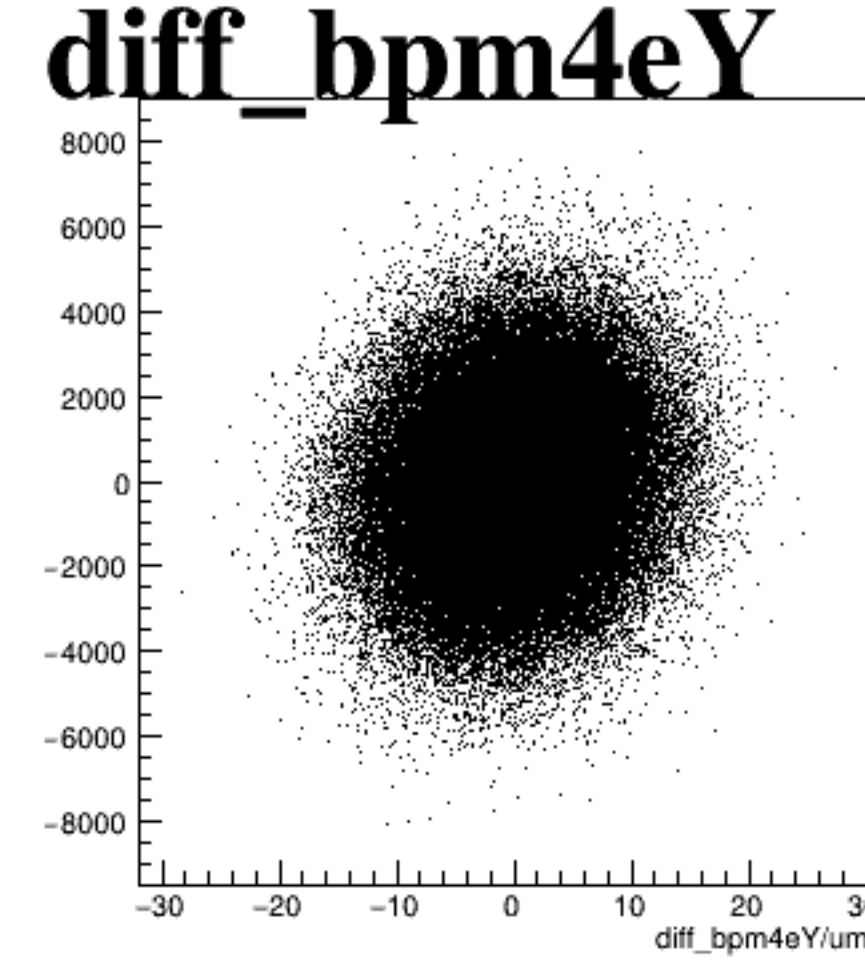
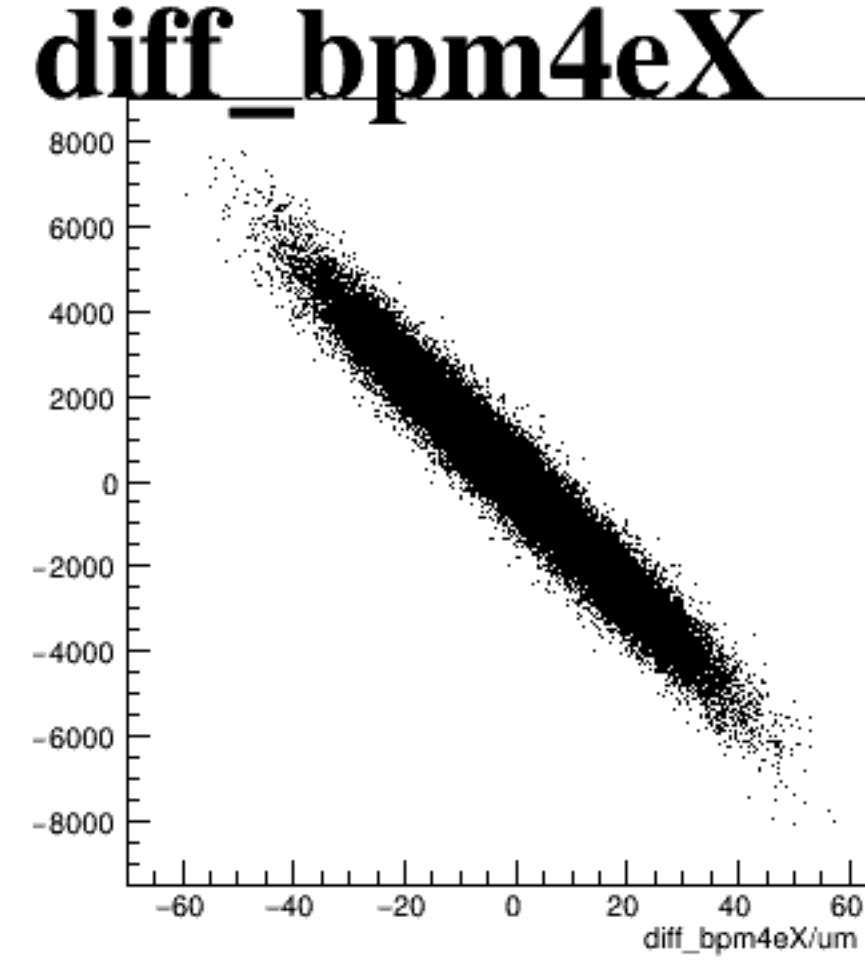
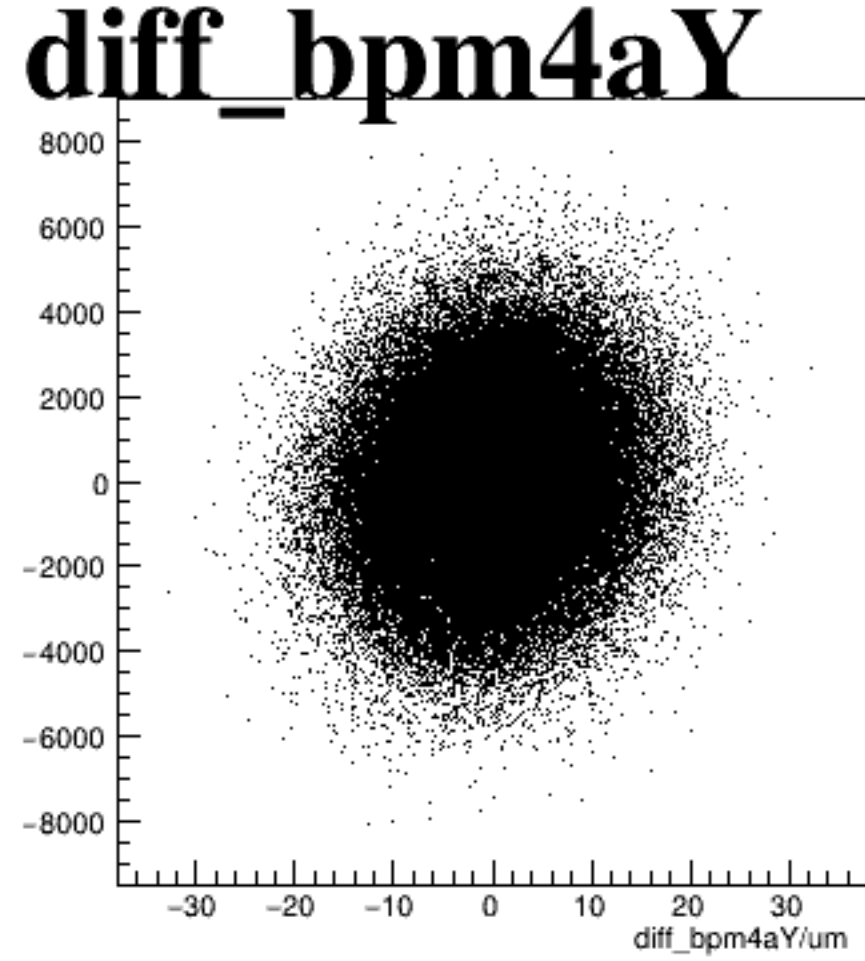
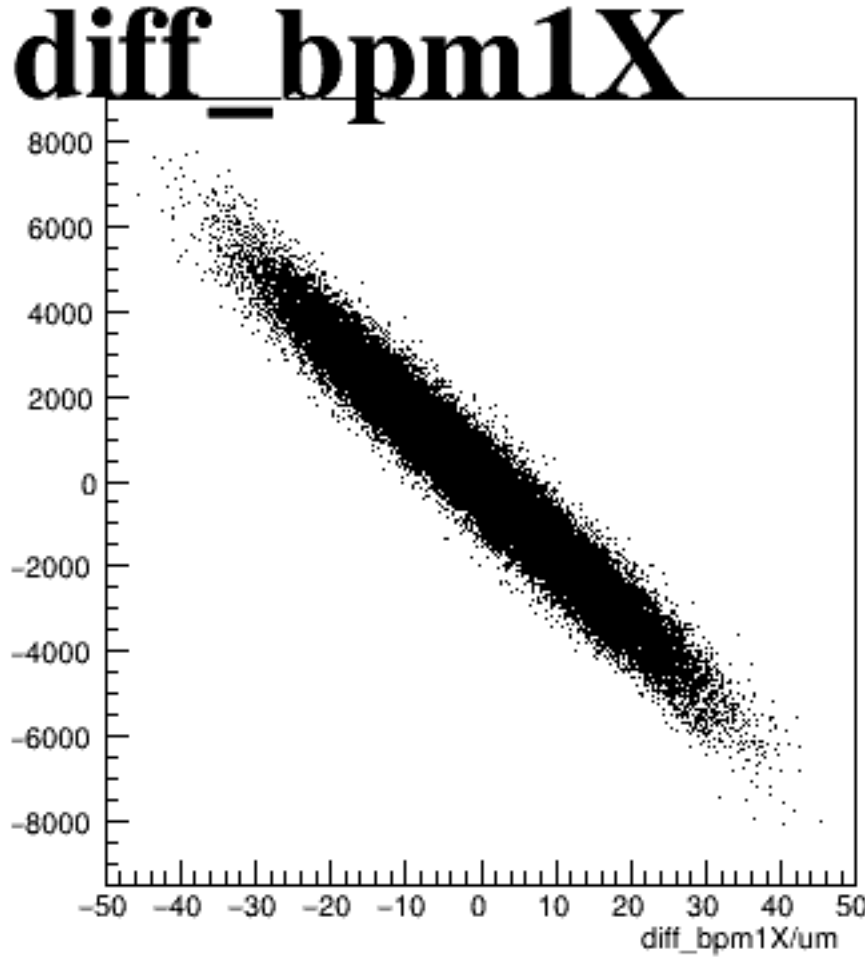
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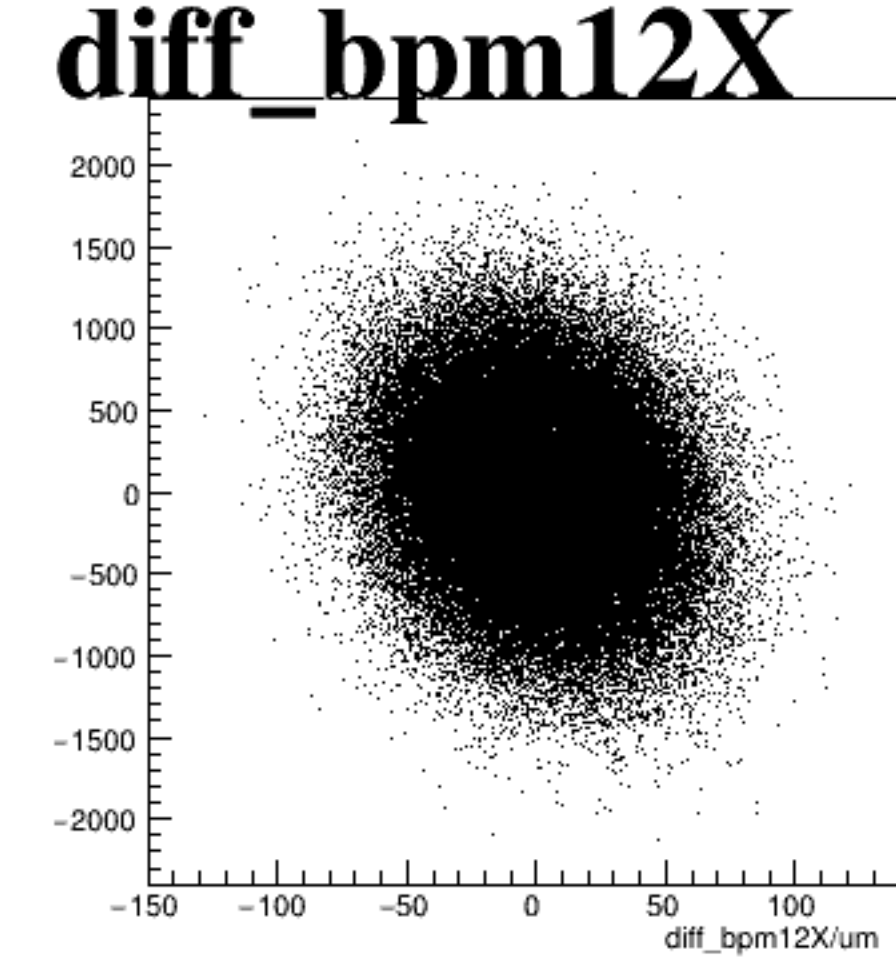
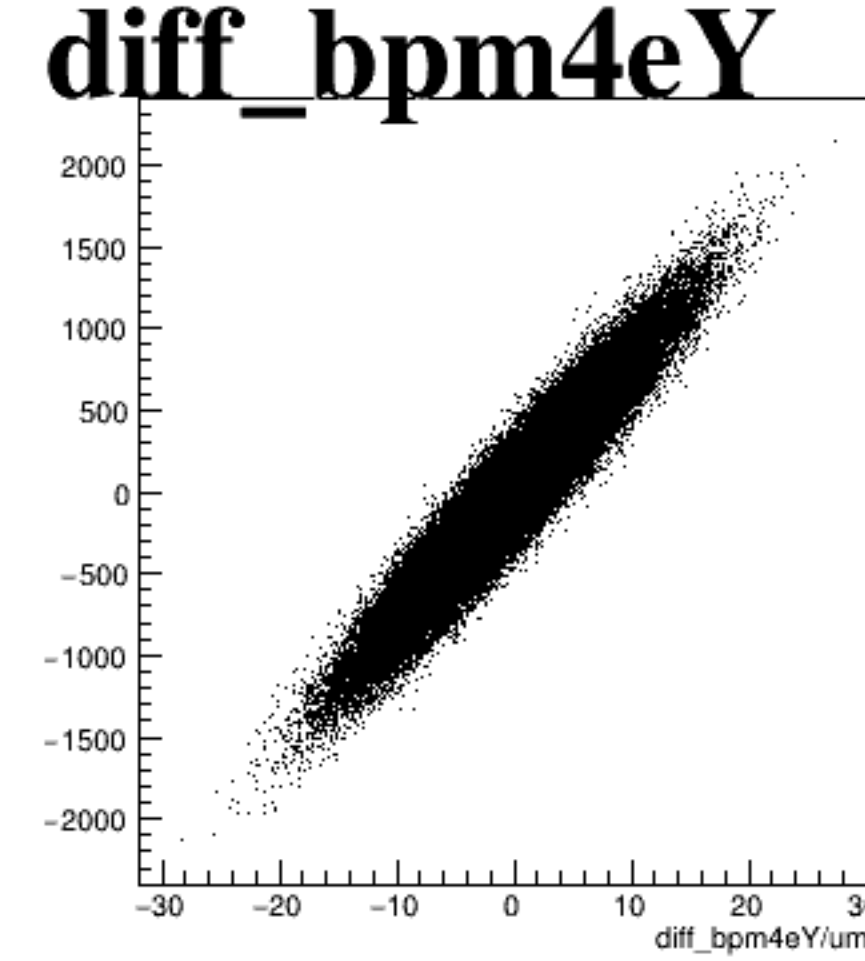
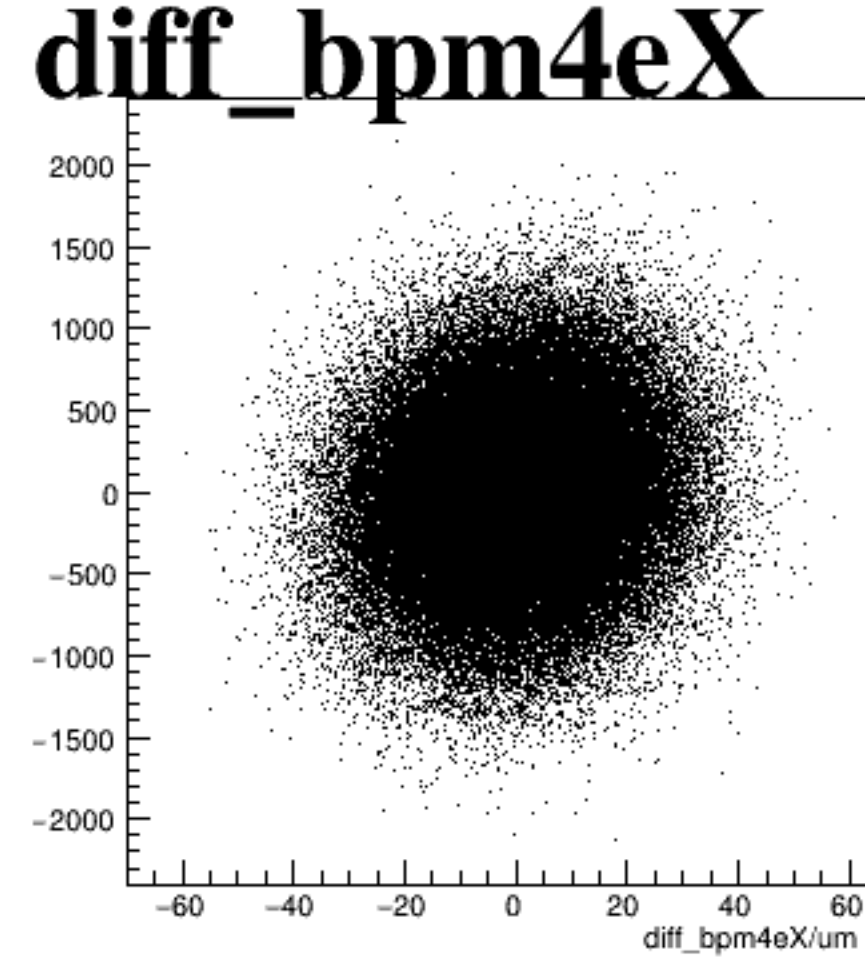
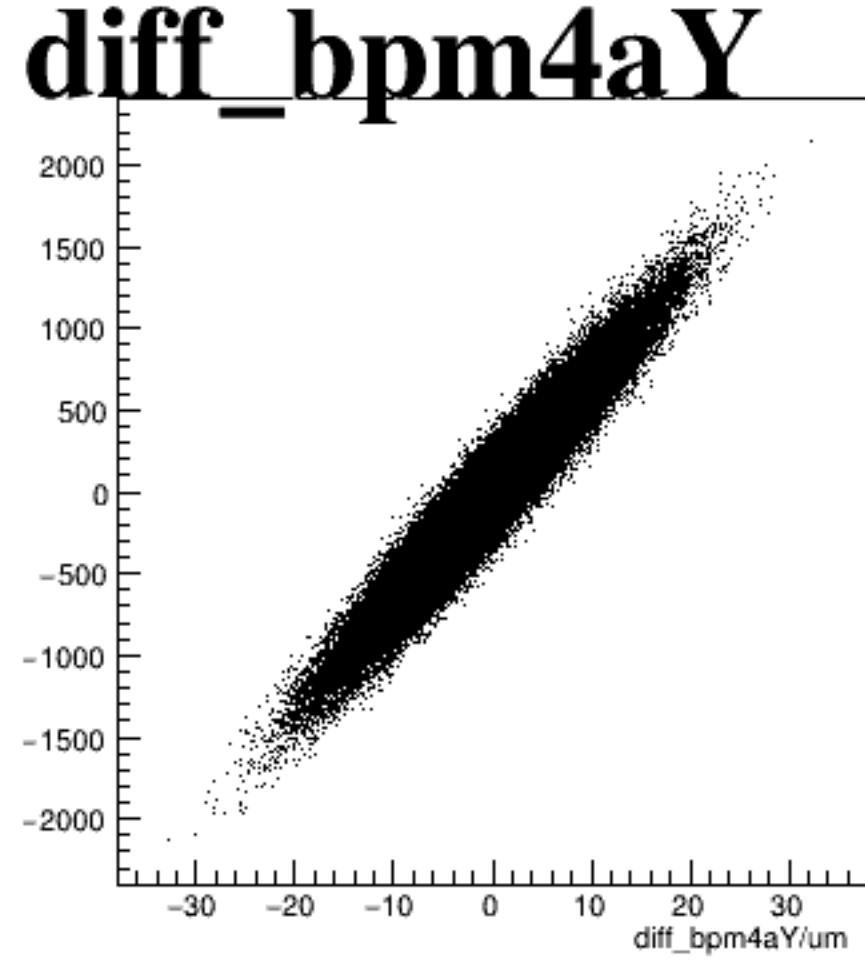
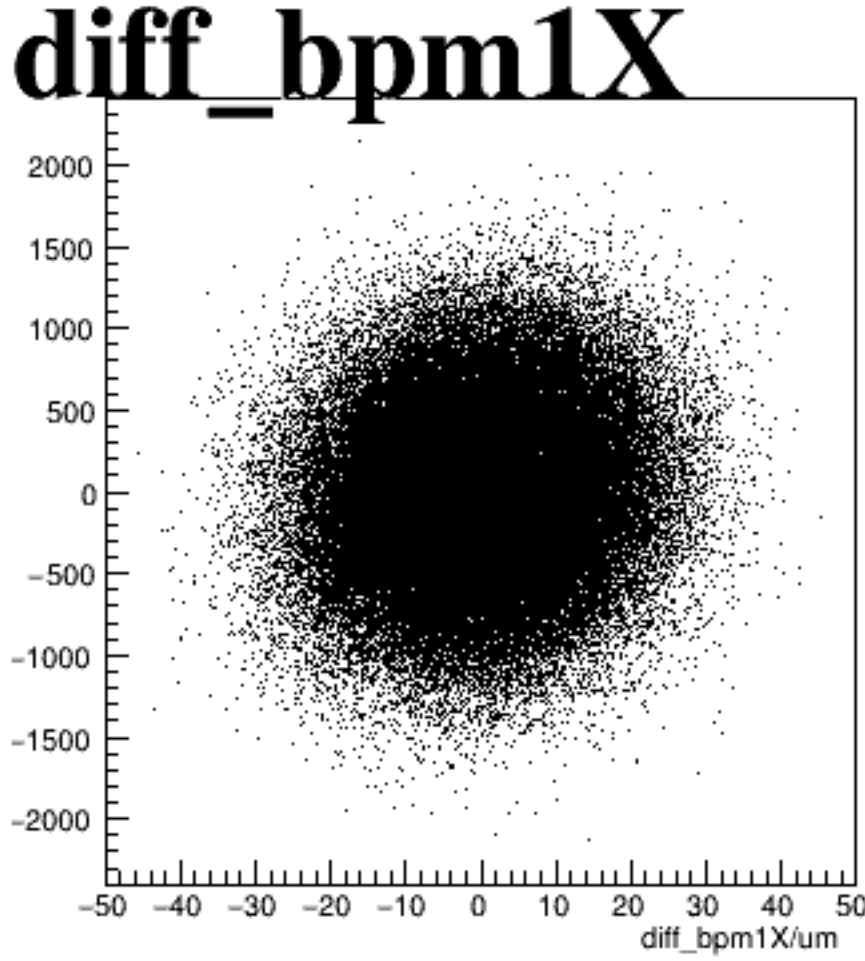
asym_sam1



asym_sam3



asym_sam5



asym_sam7

