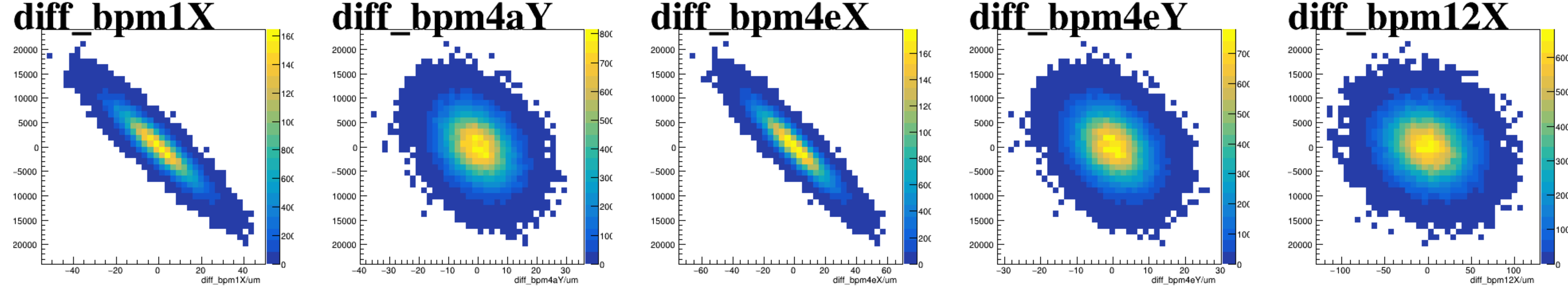
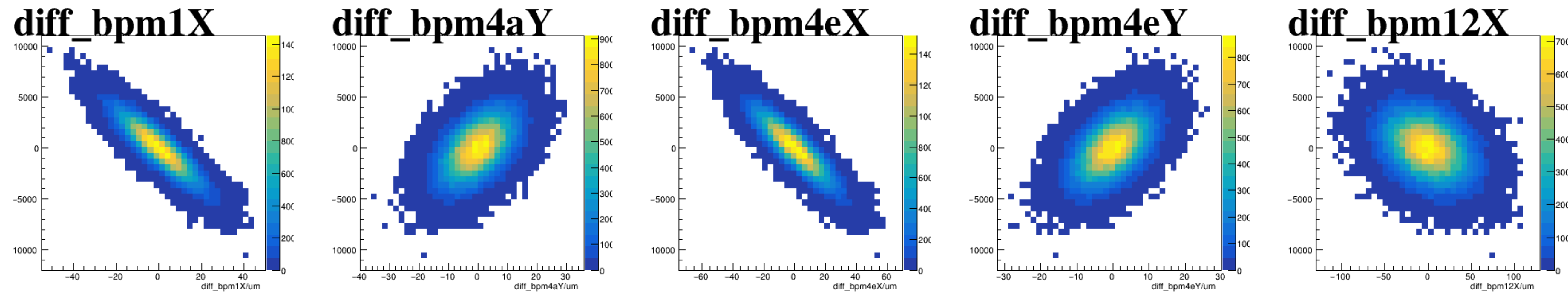


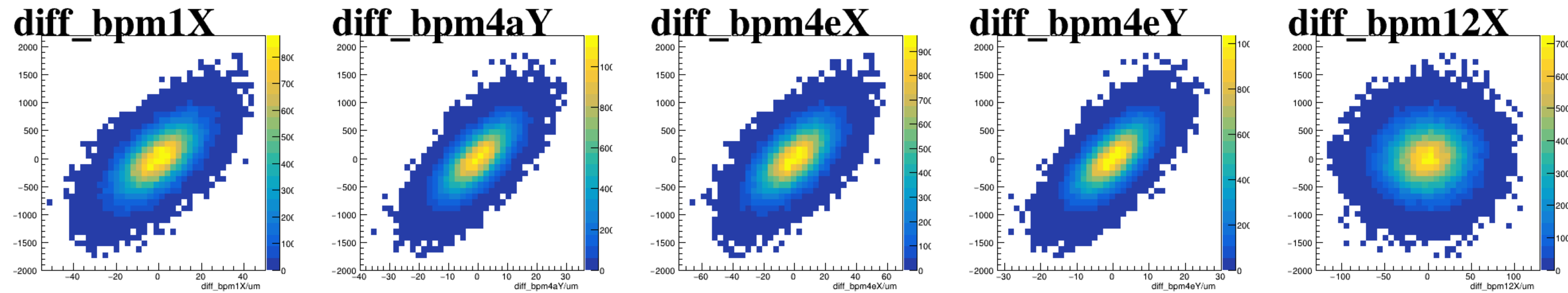
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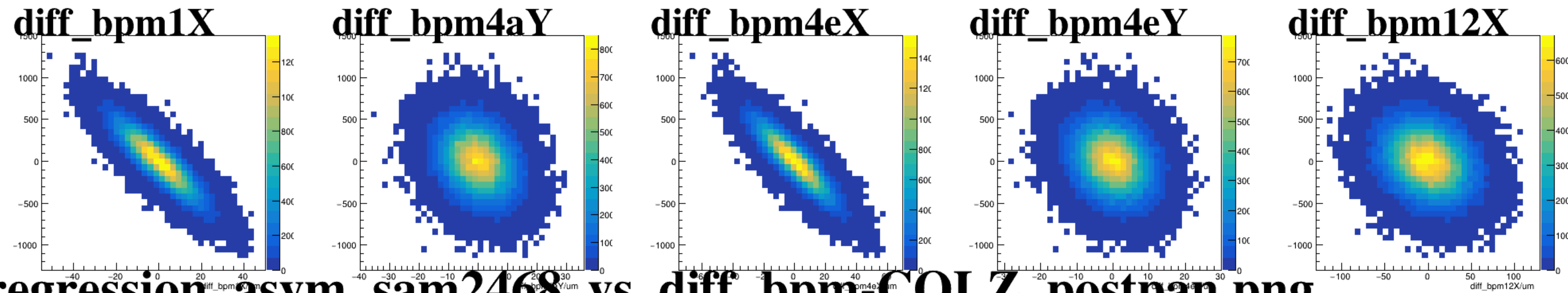
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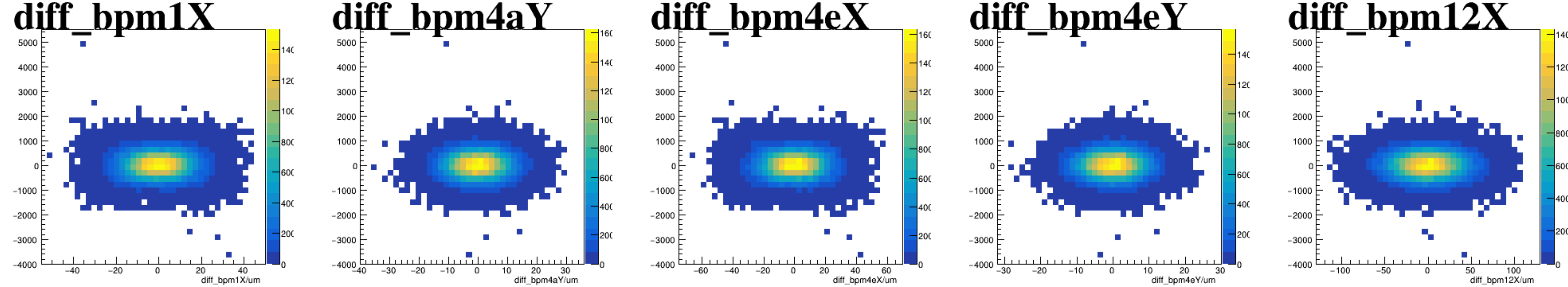
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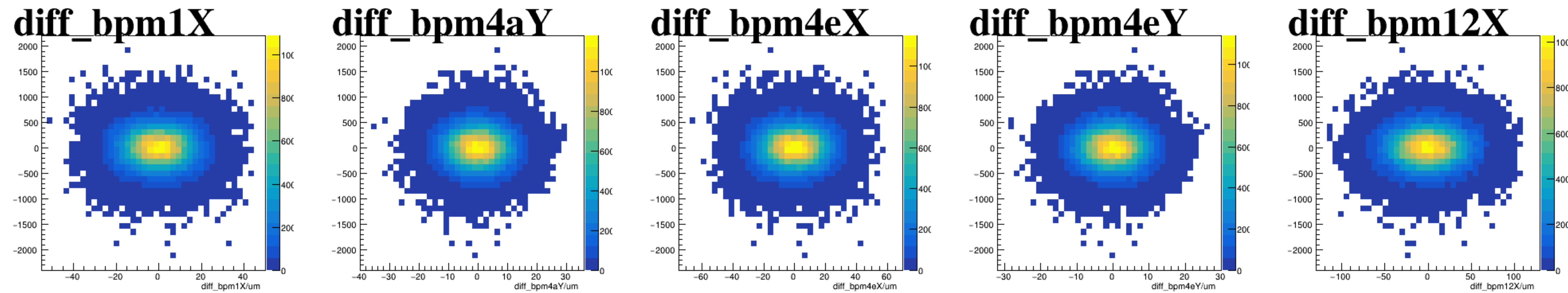
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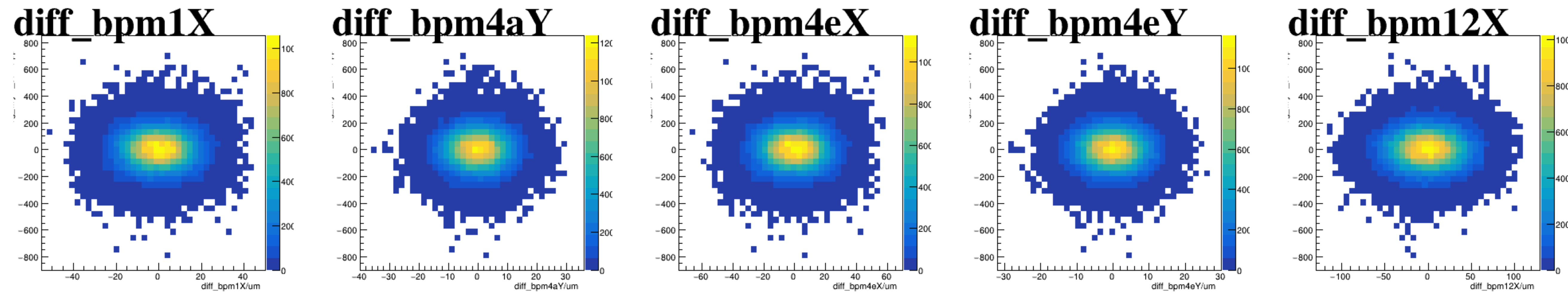
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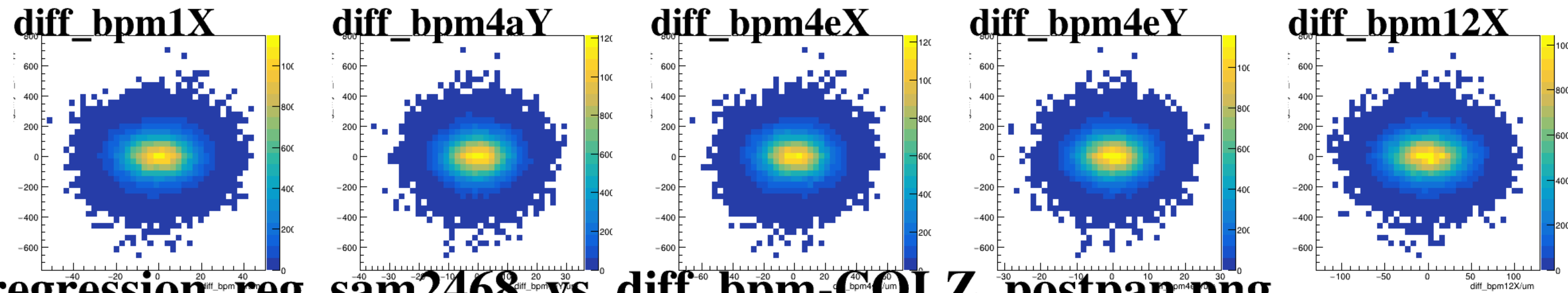
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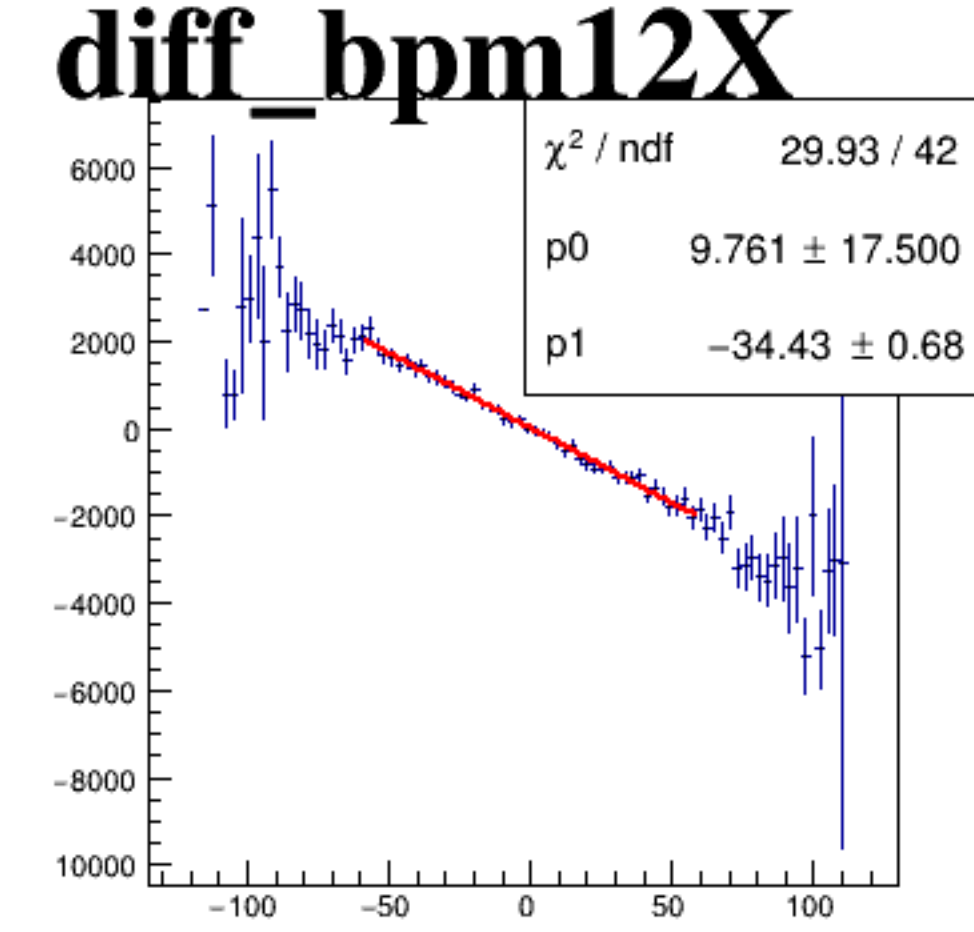
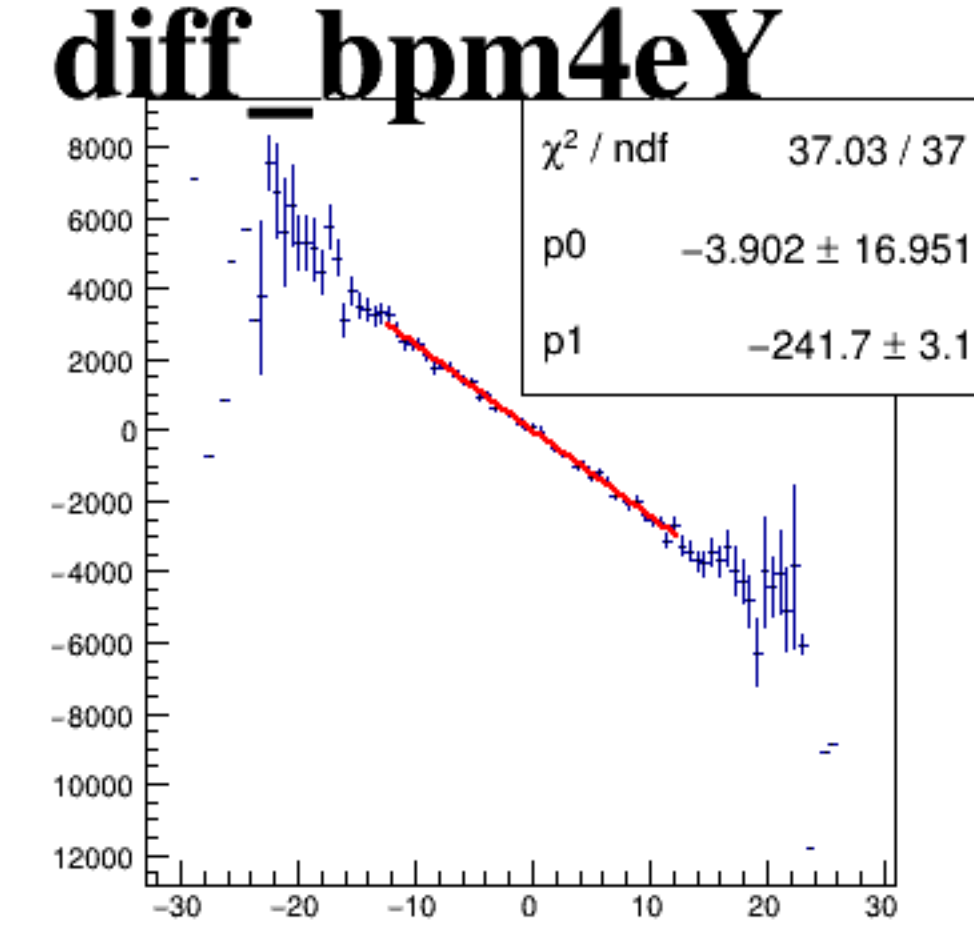
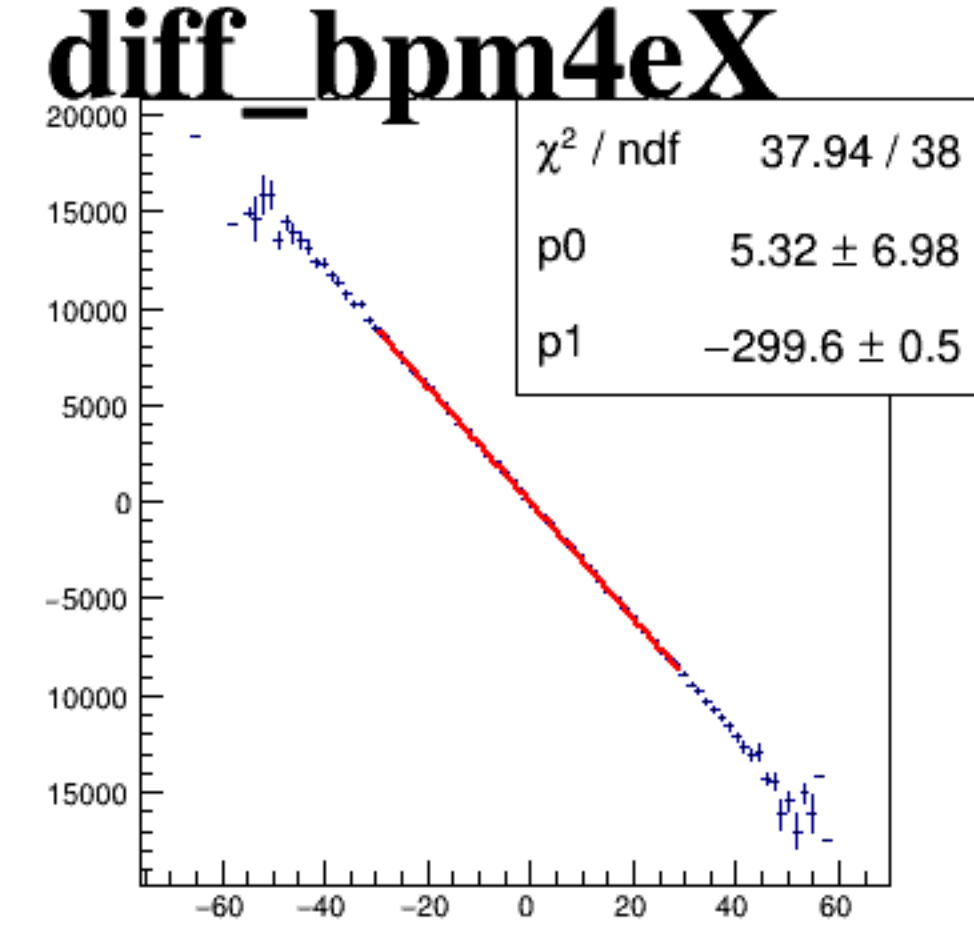
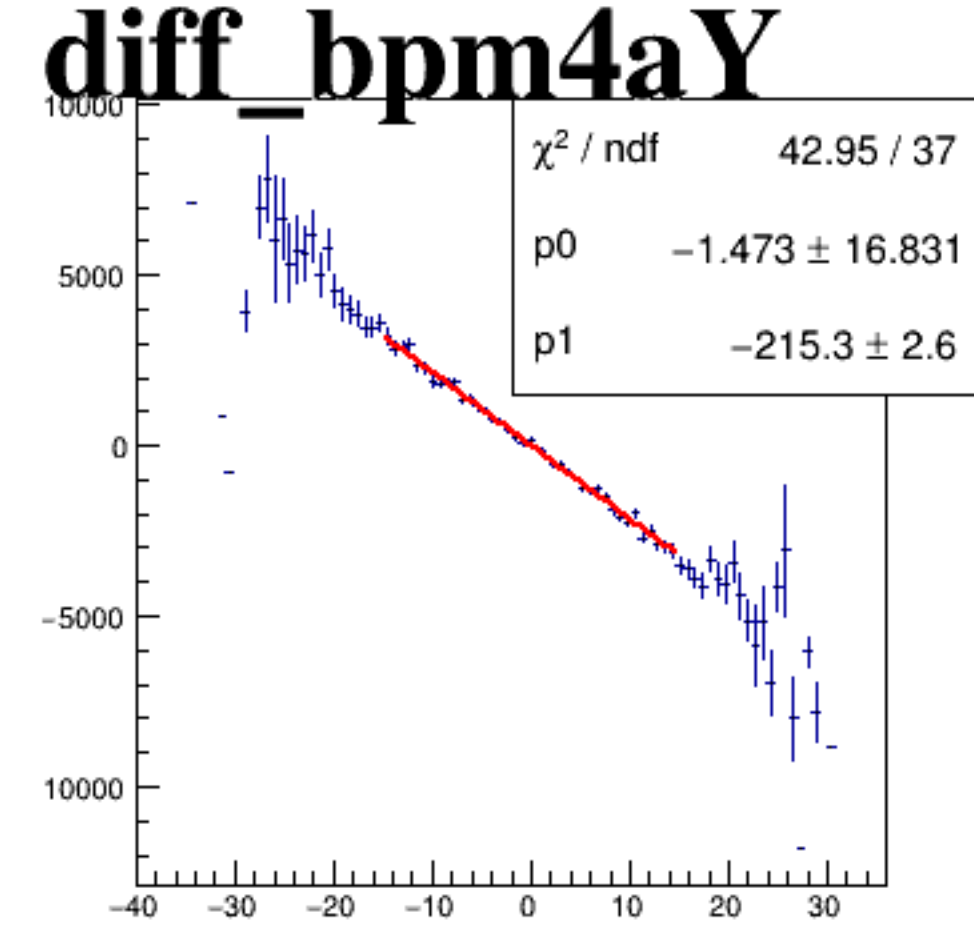
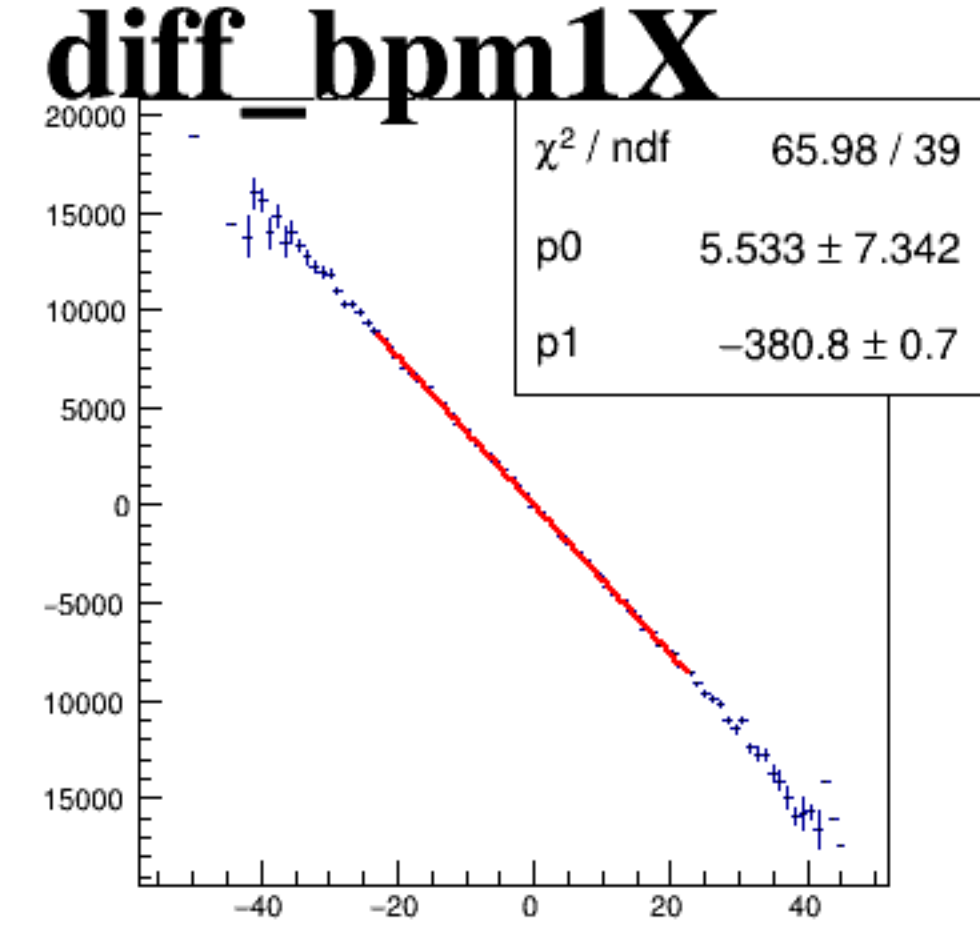
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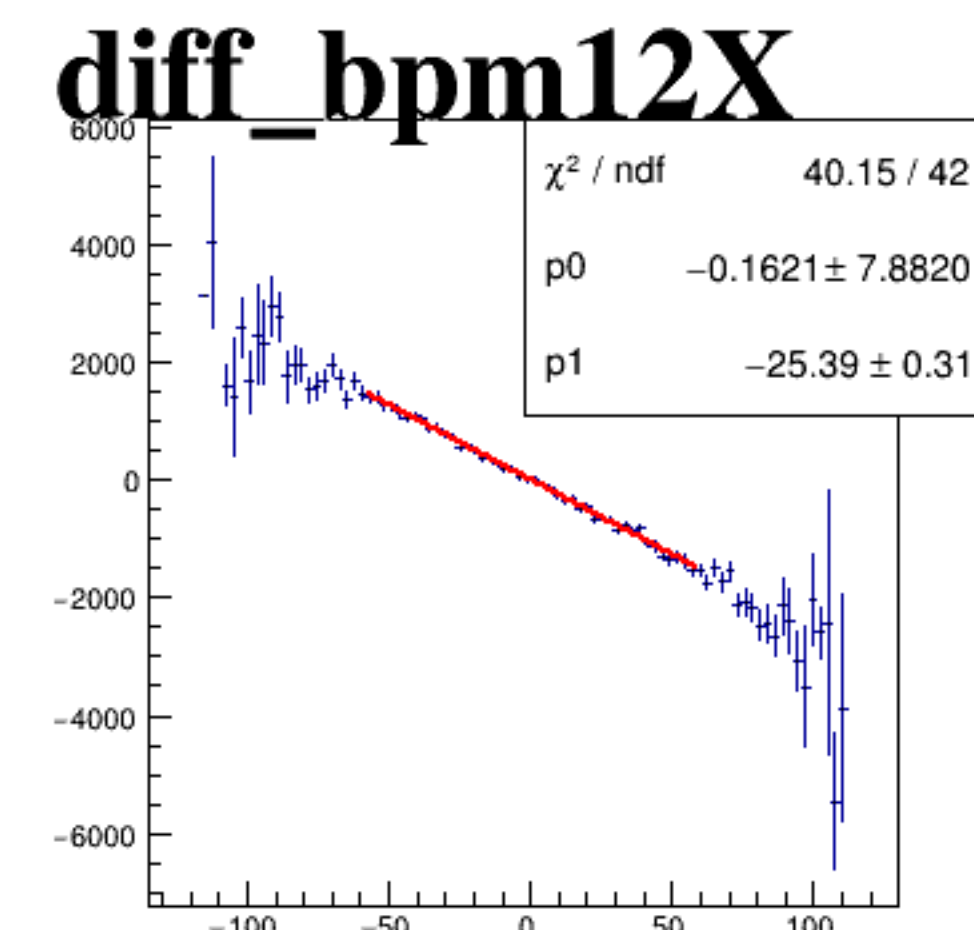
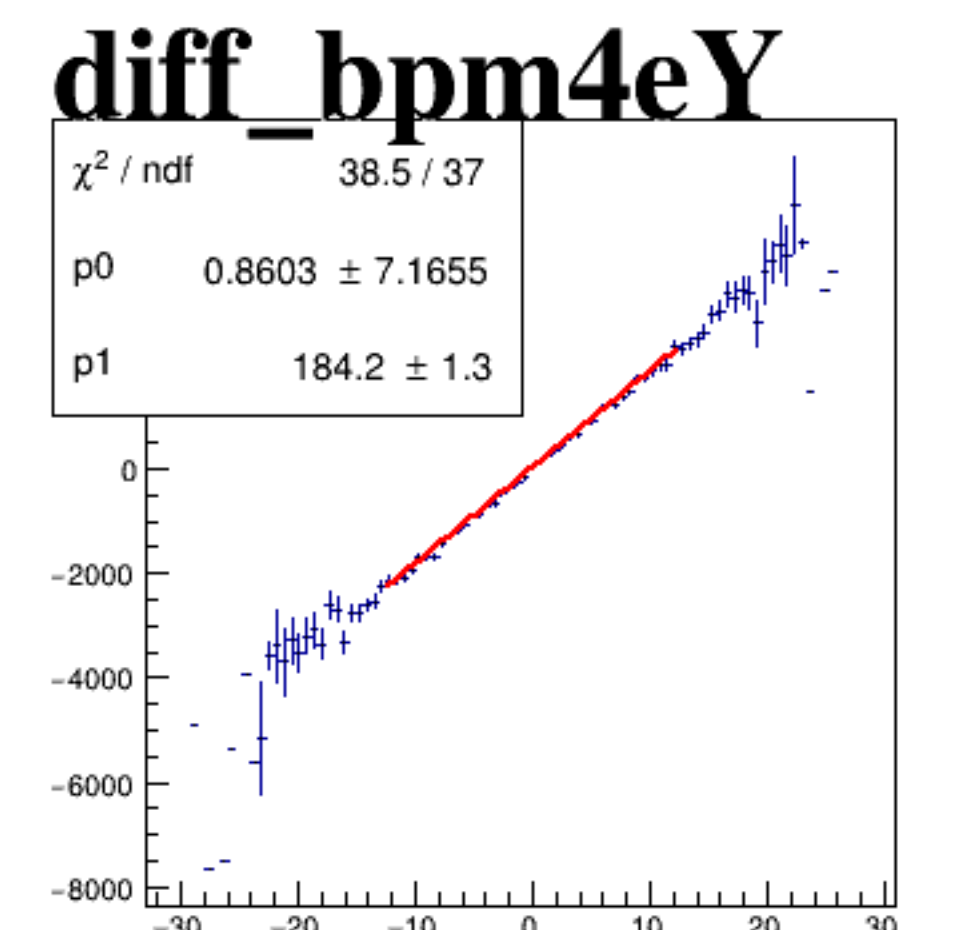
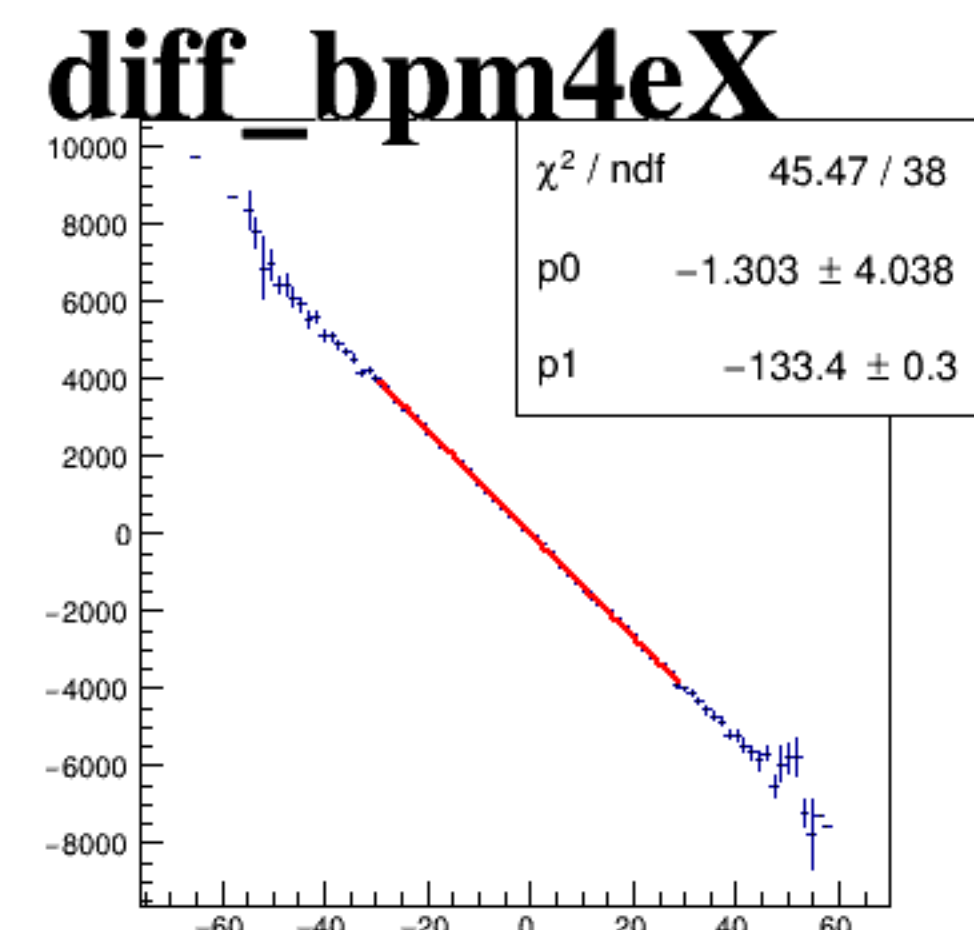
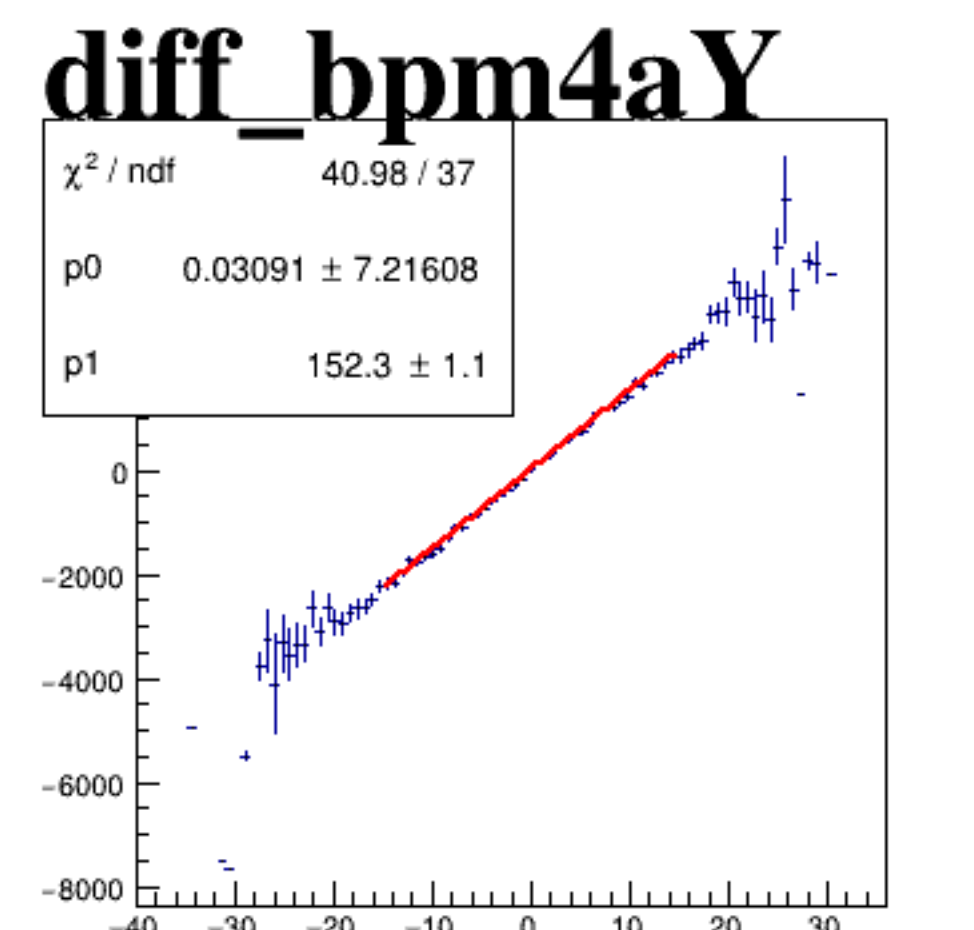
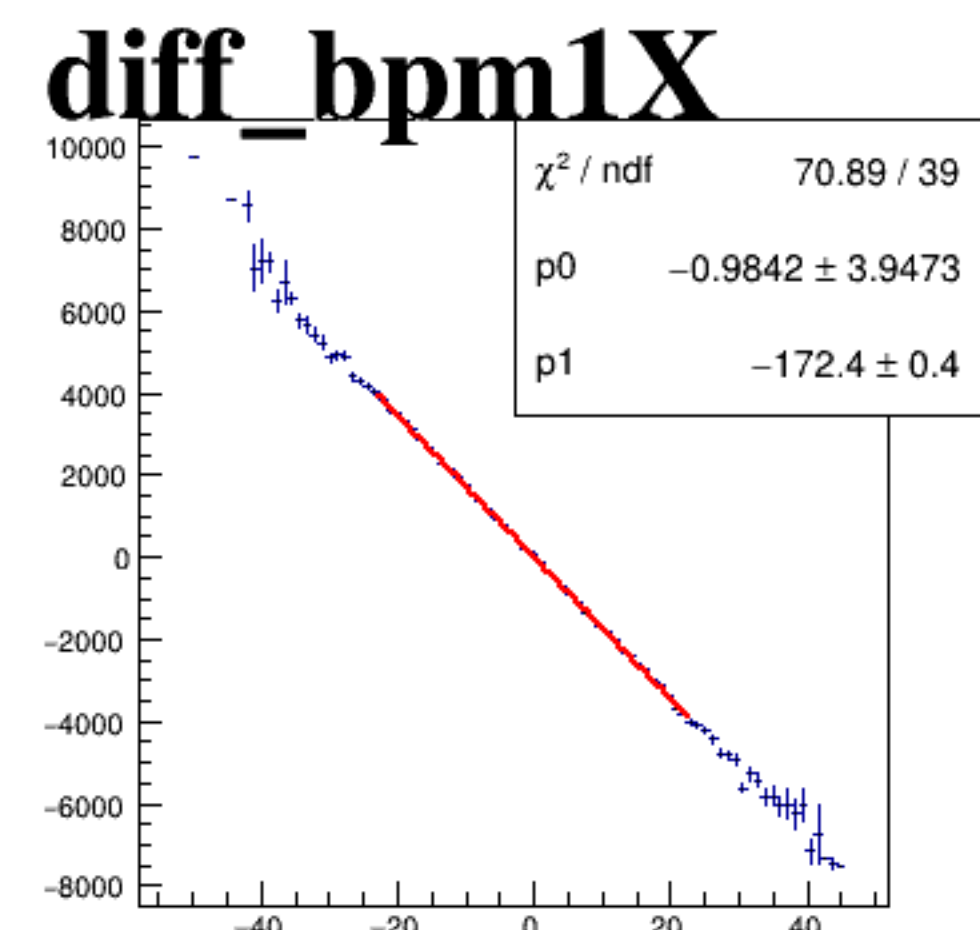
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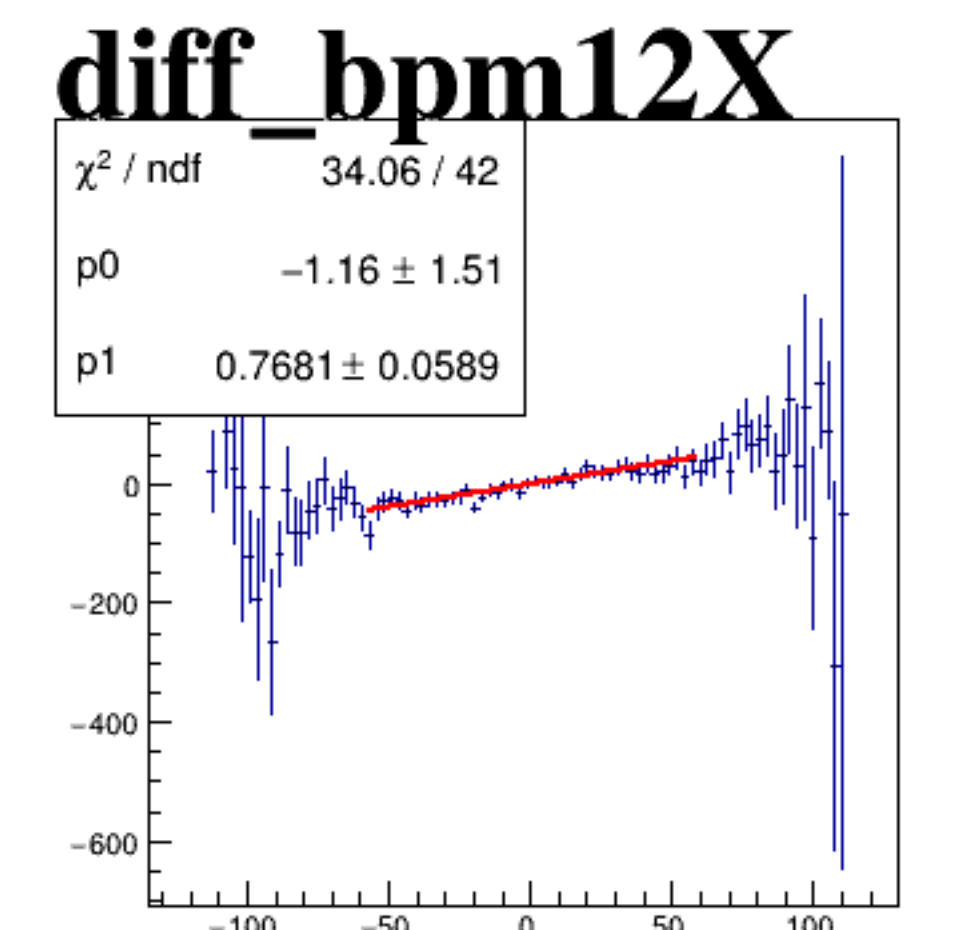
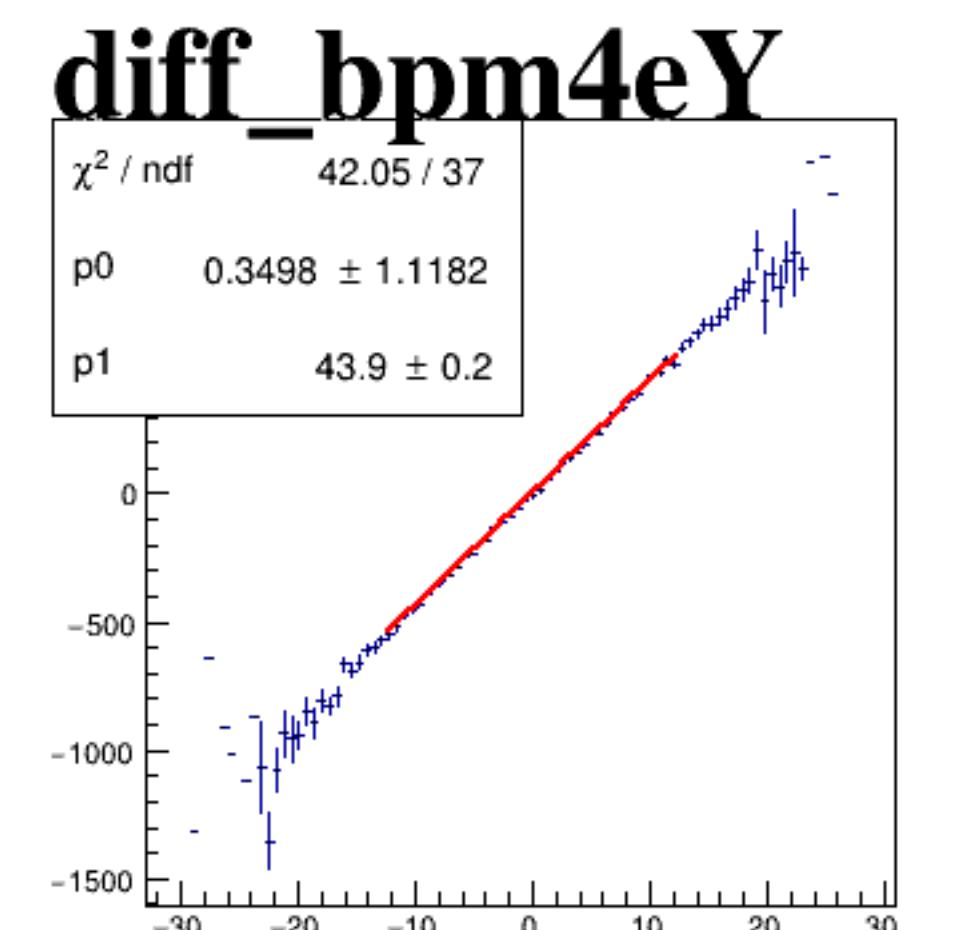
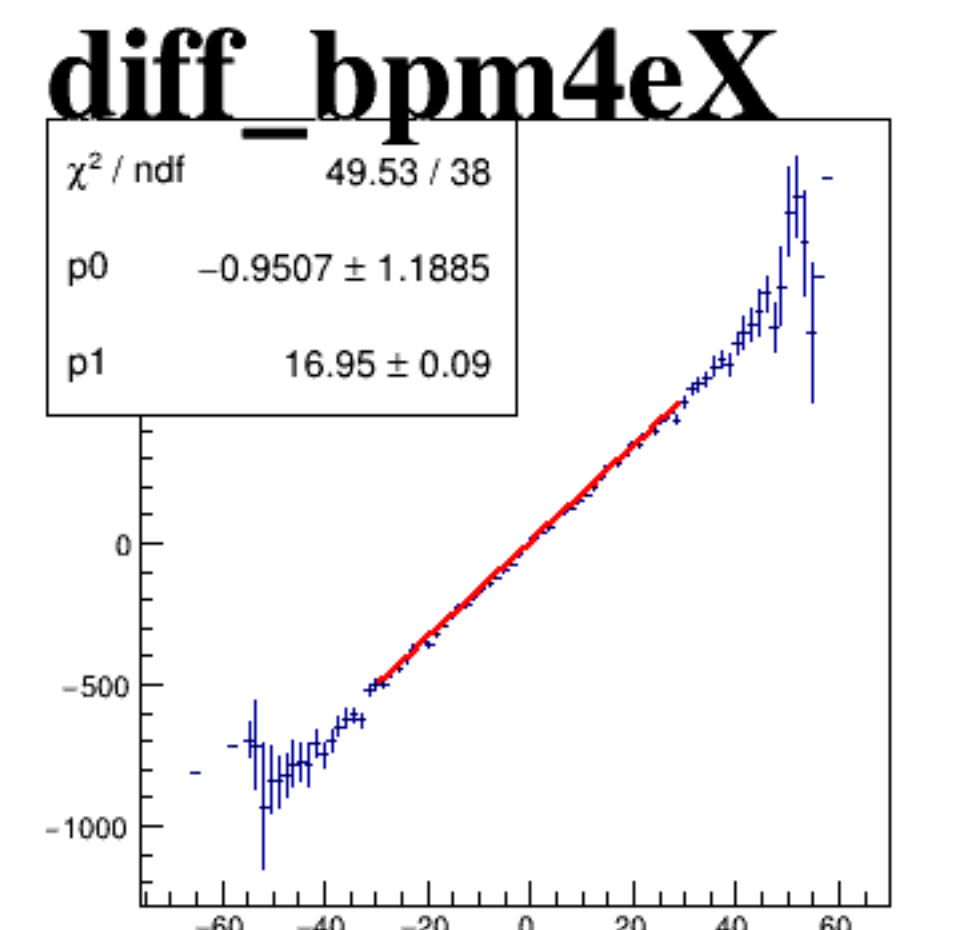
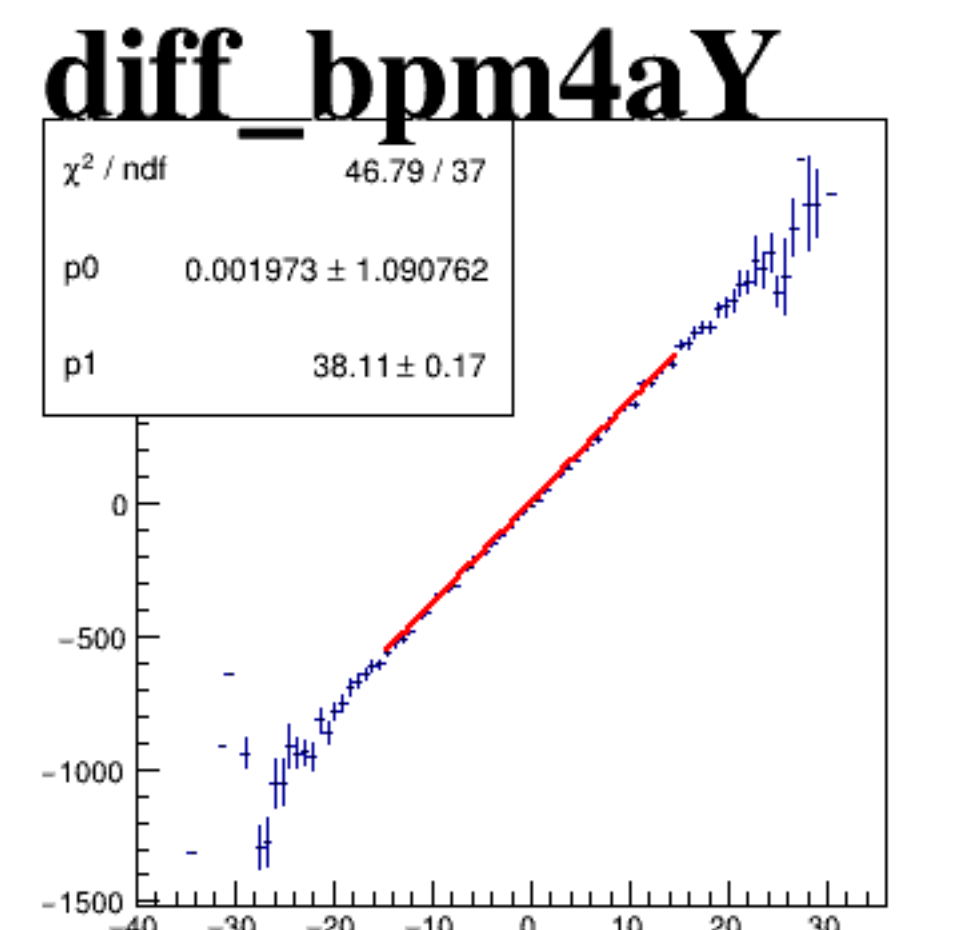
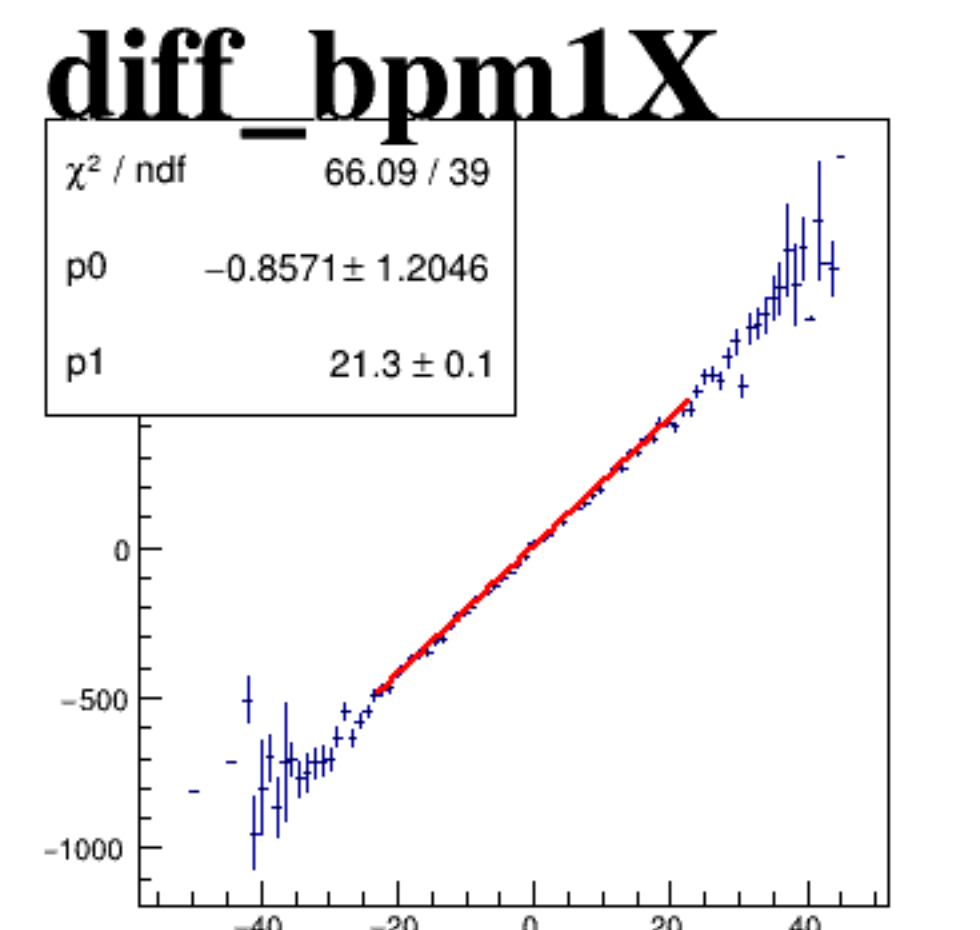
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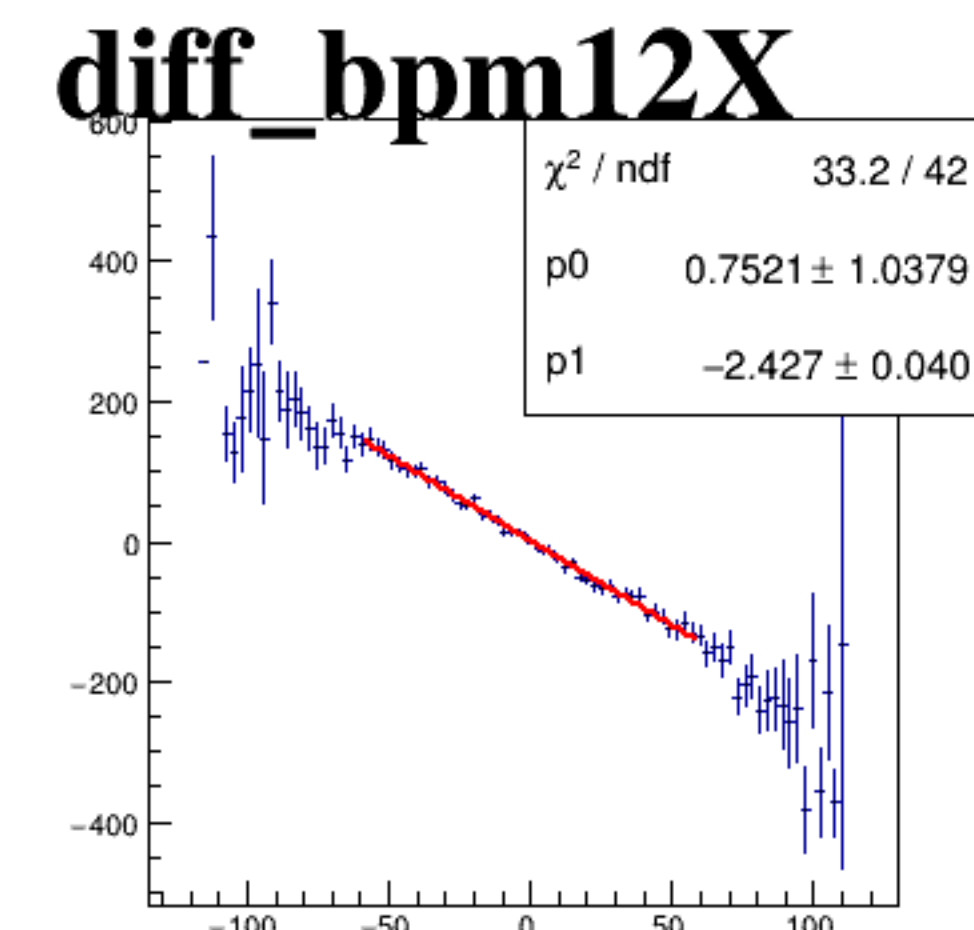
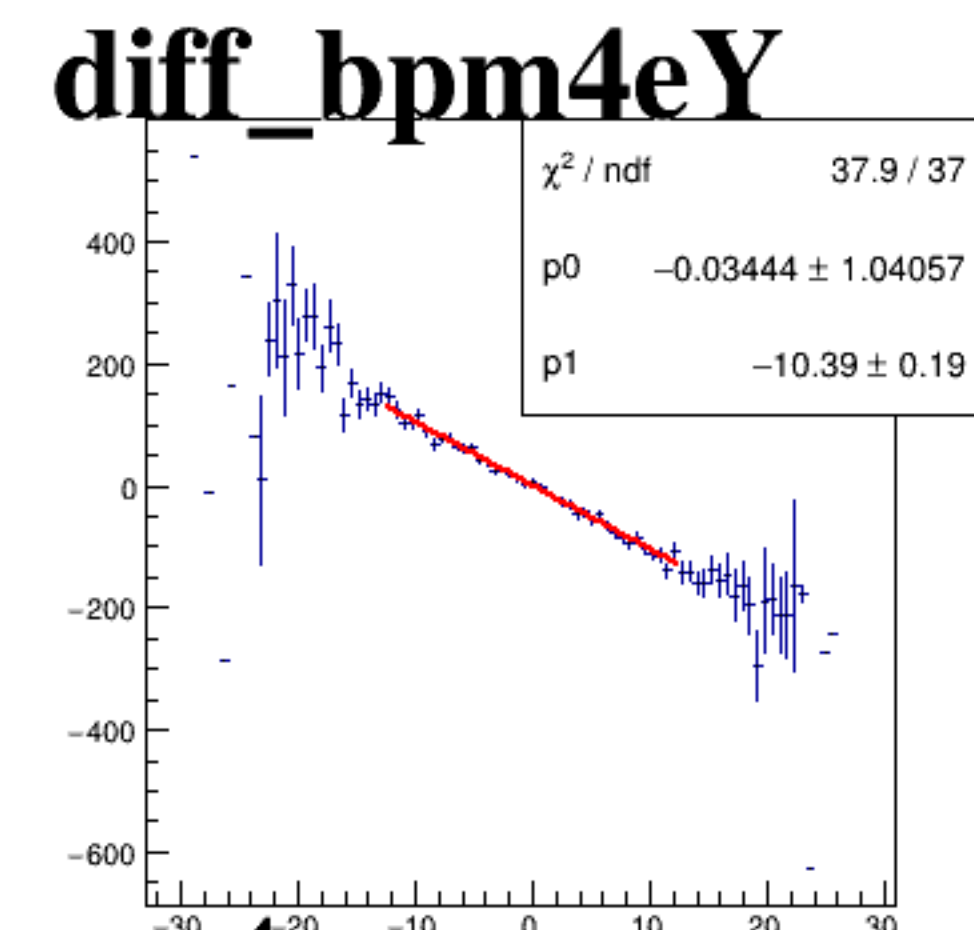
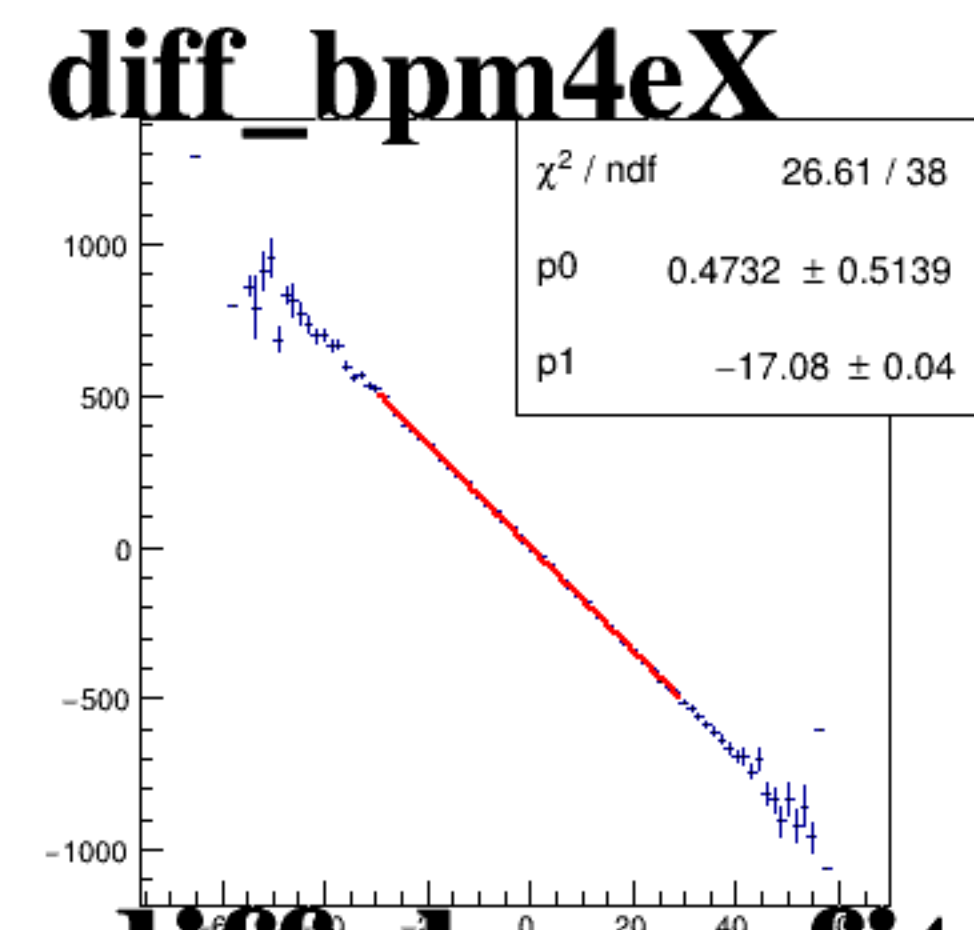
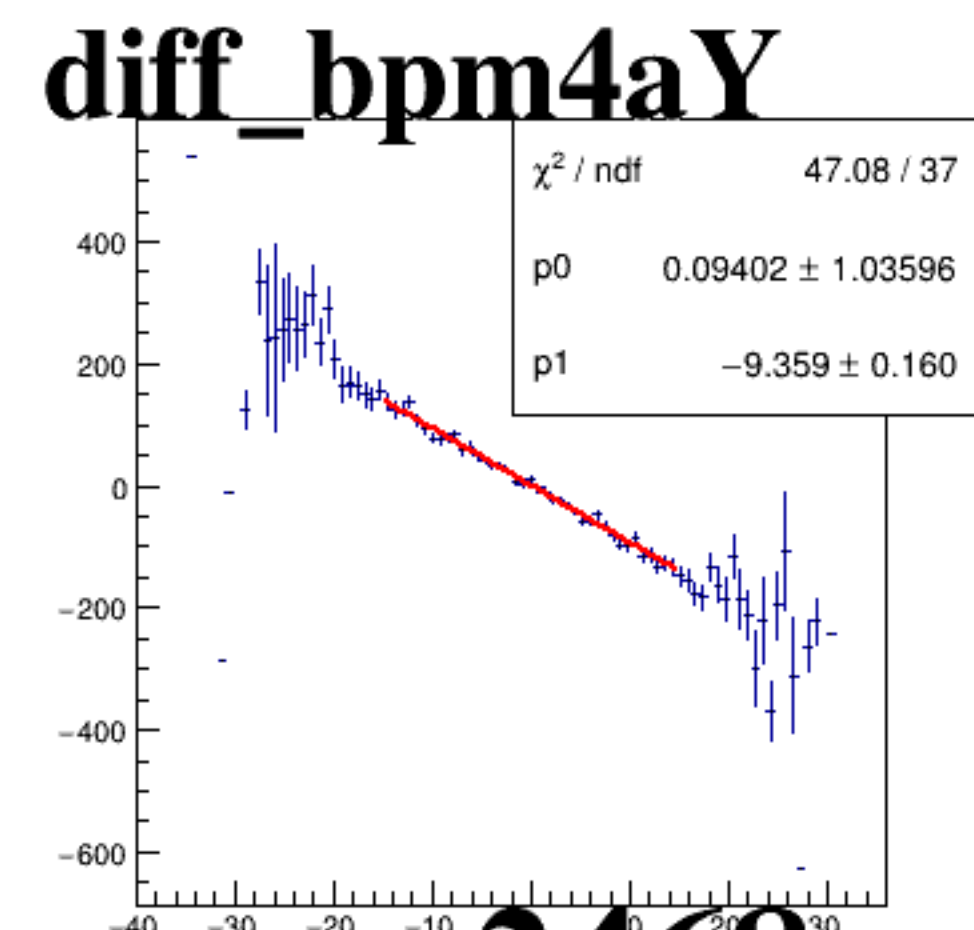
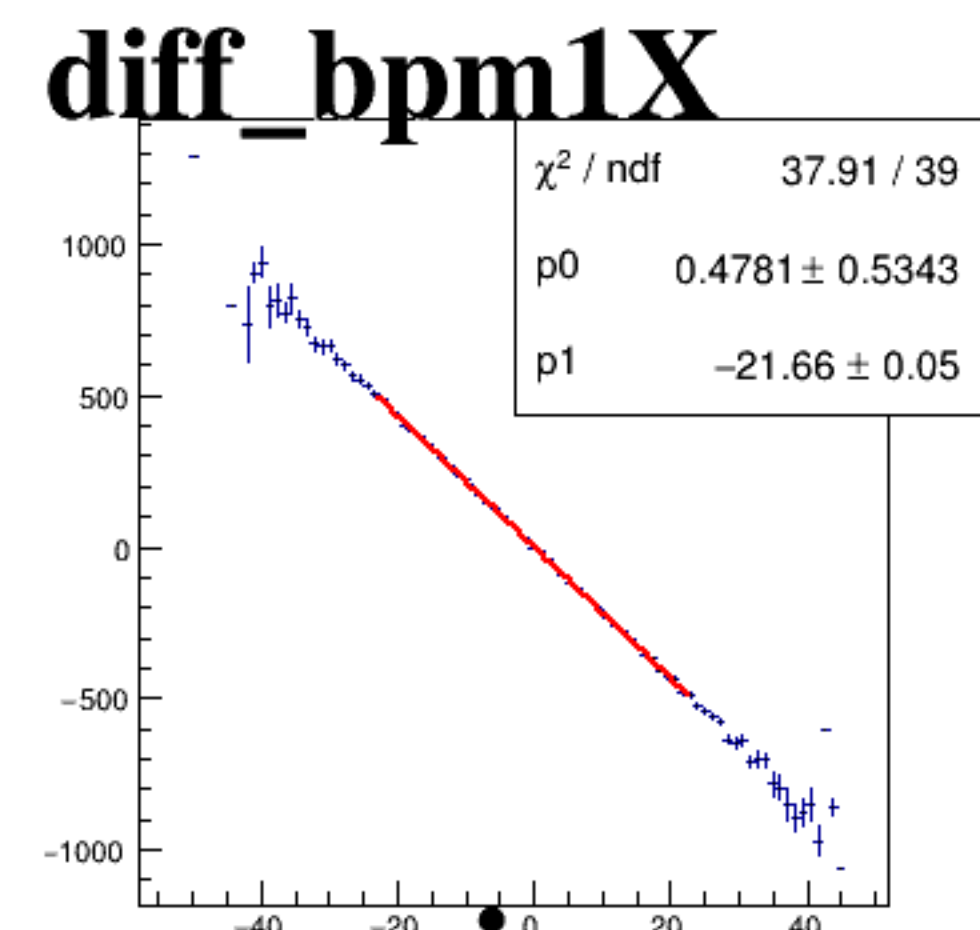
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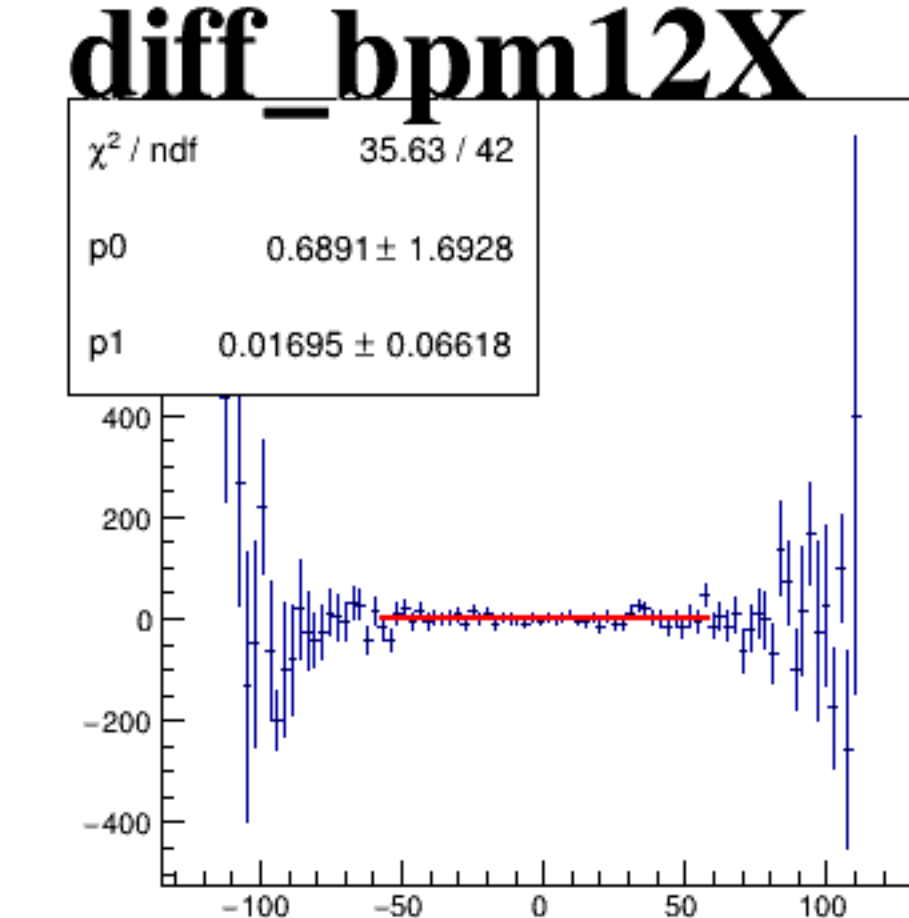
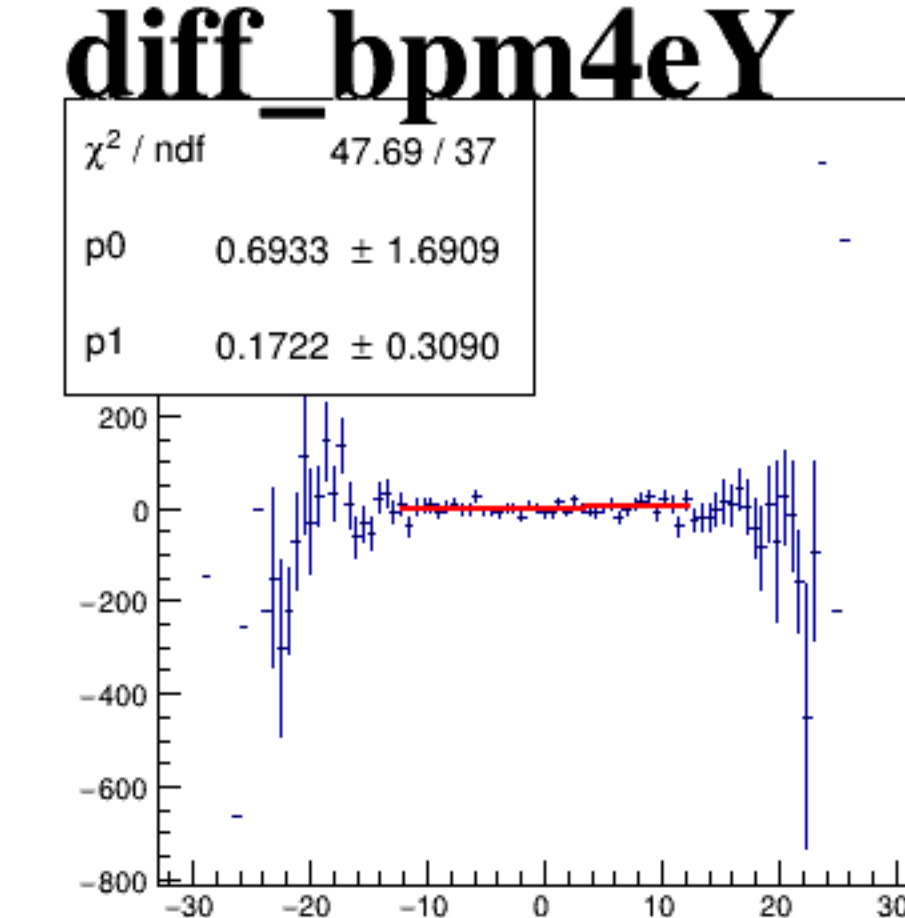
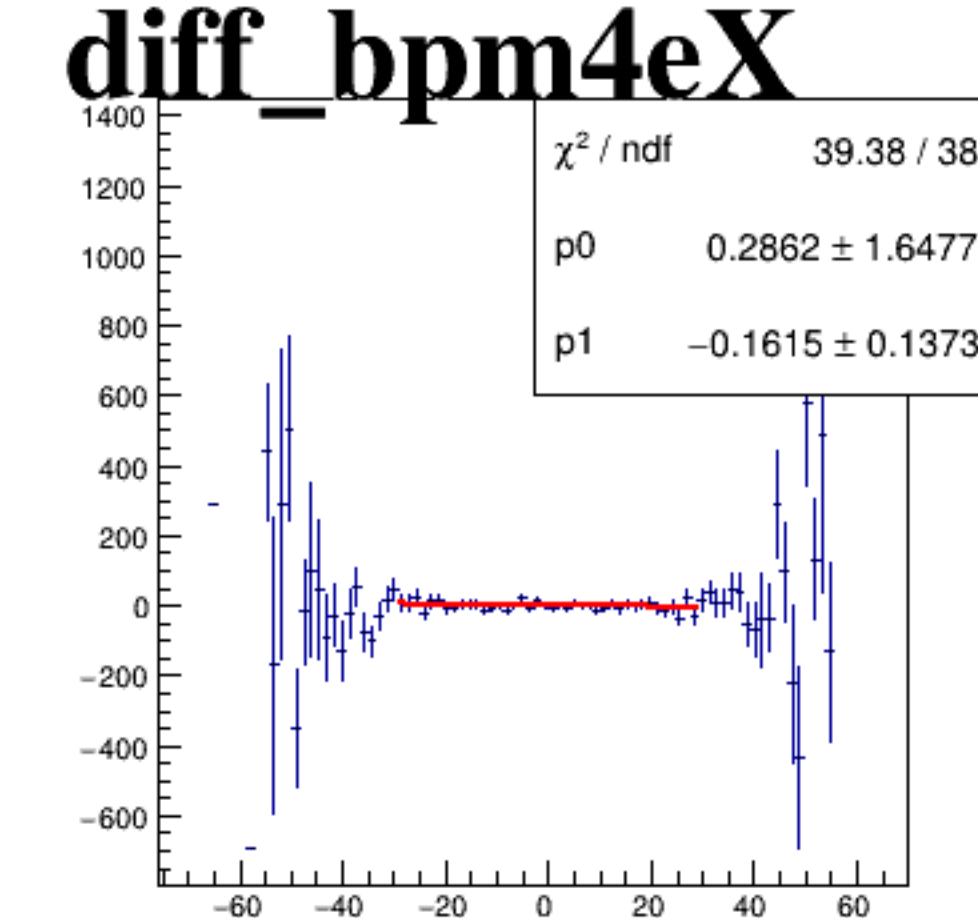
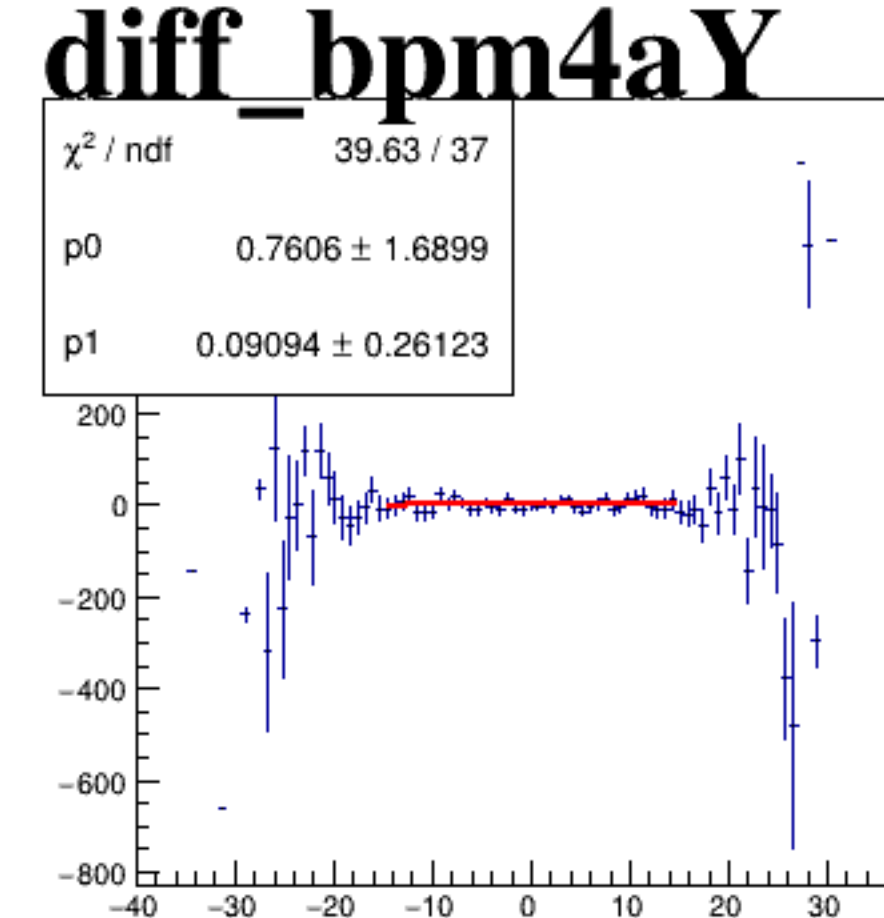
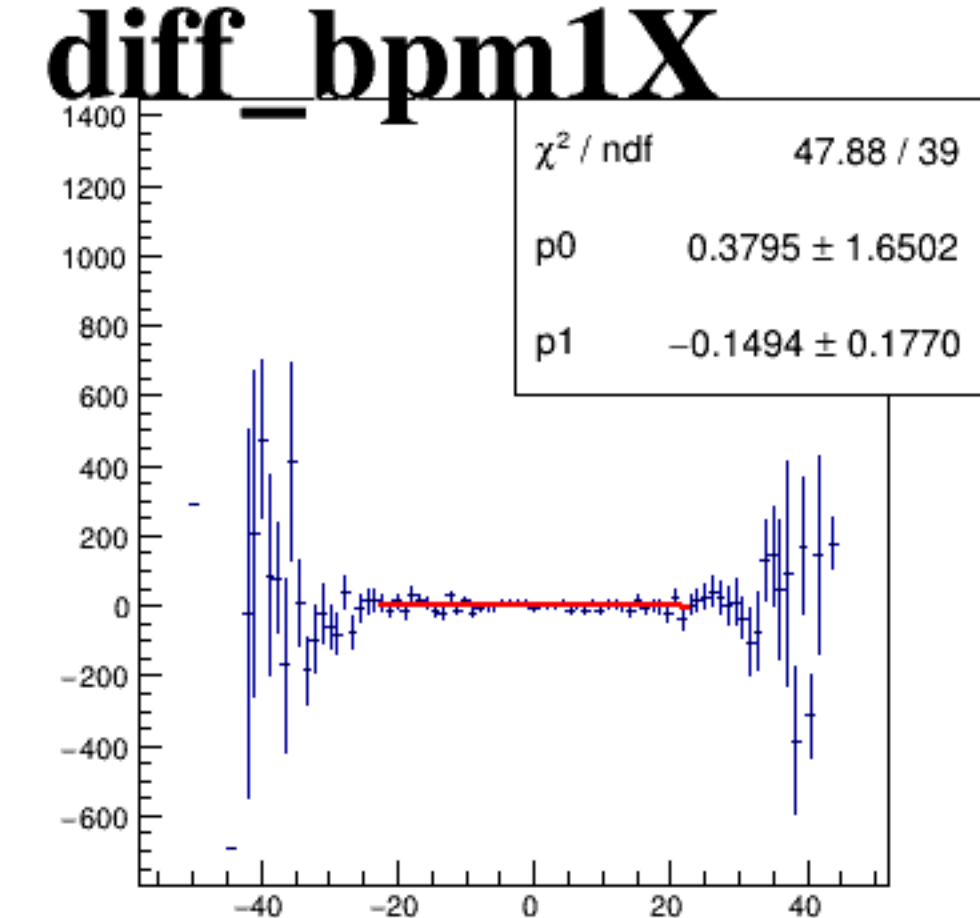
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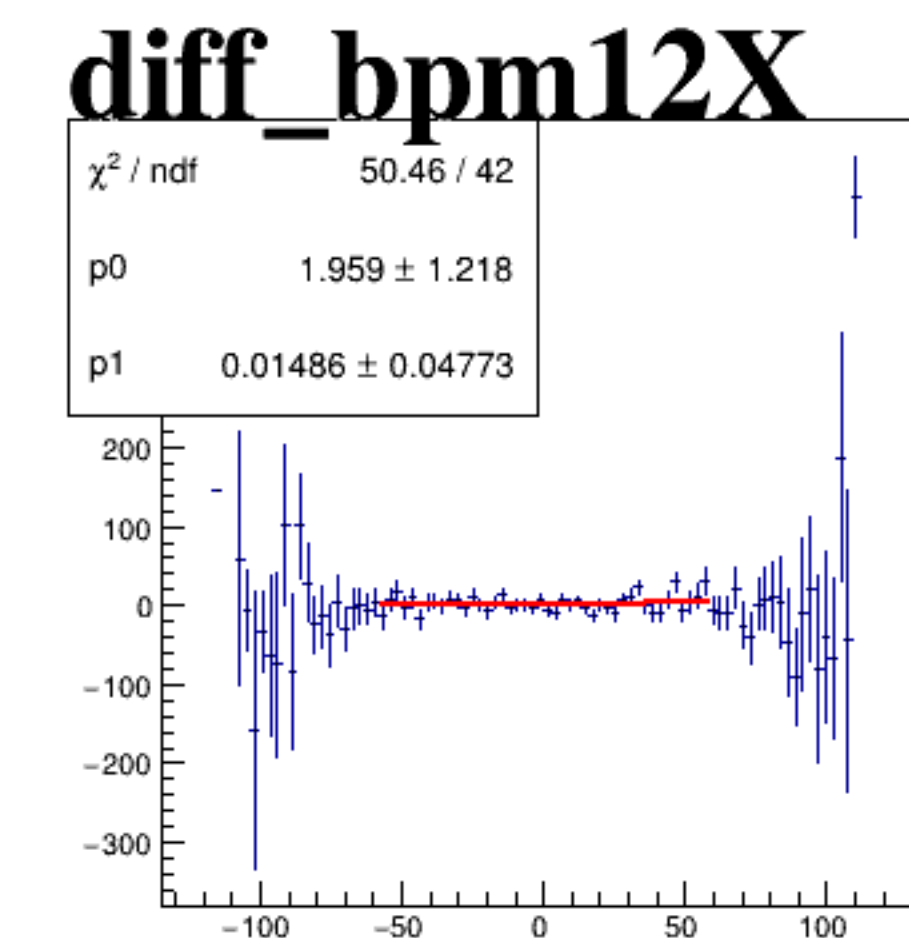
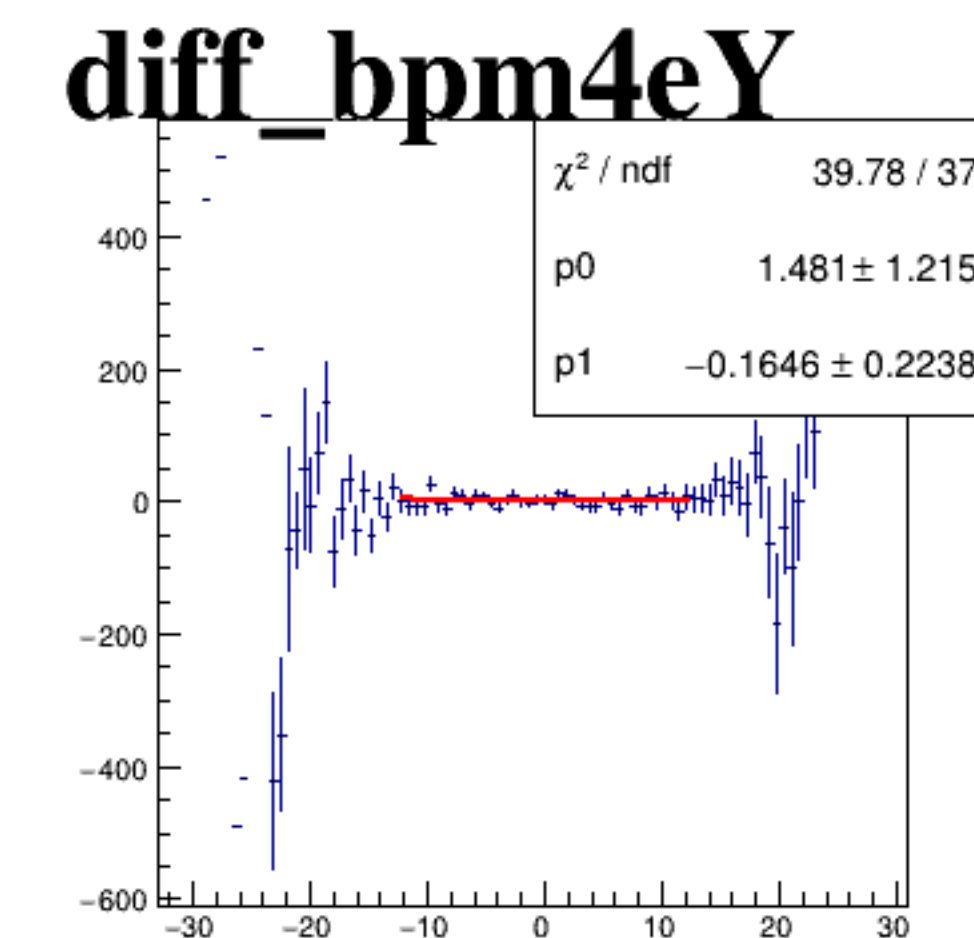
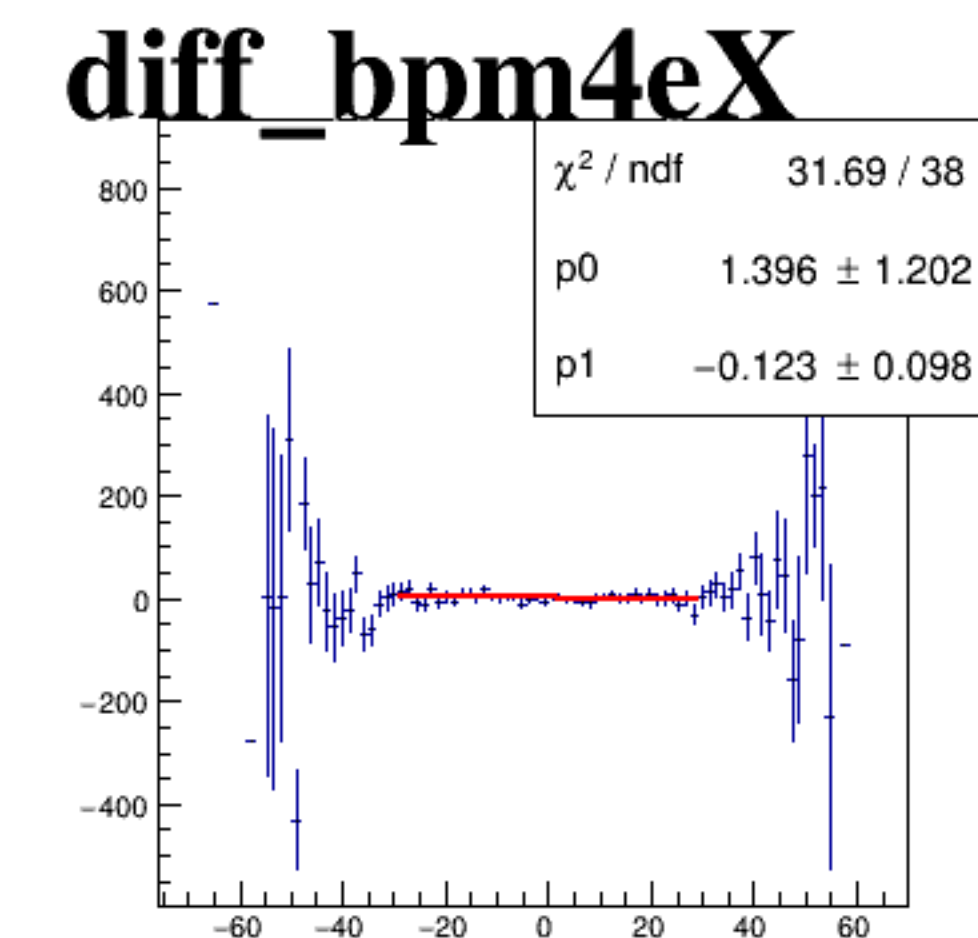
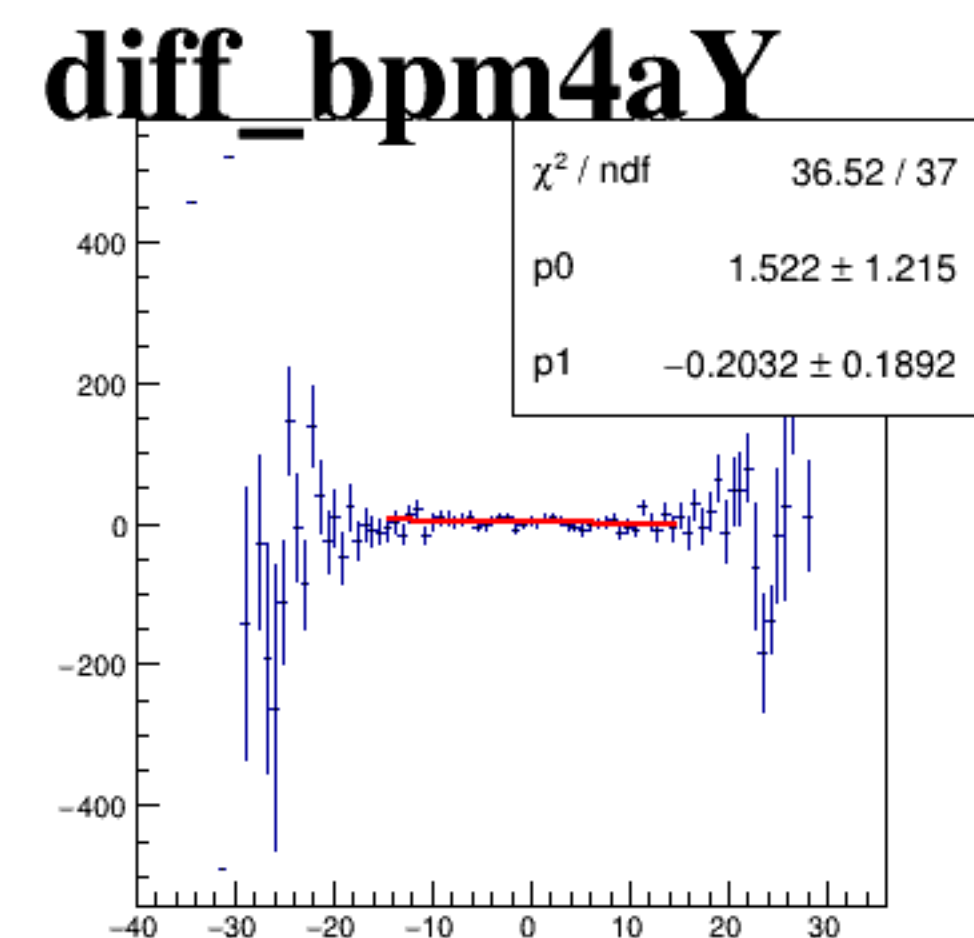
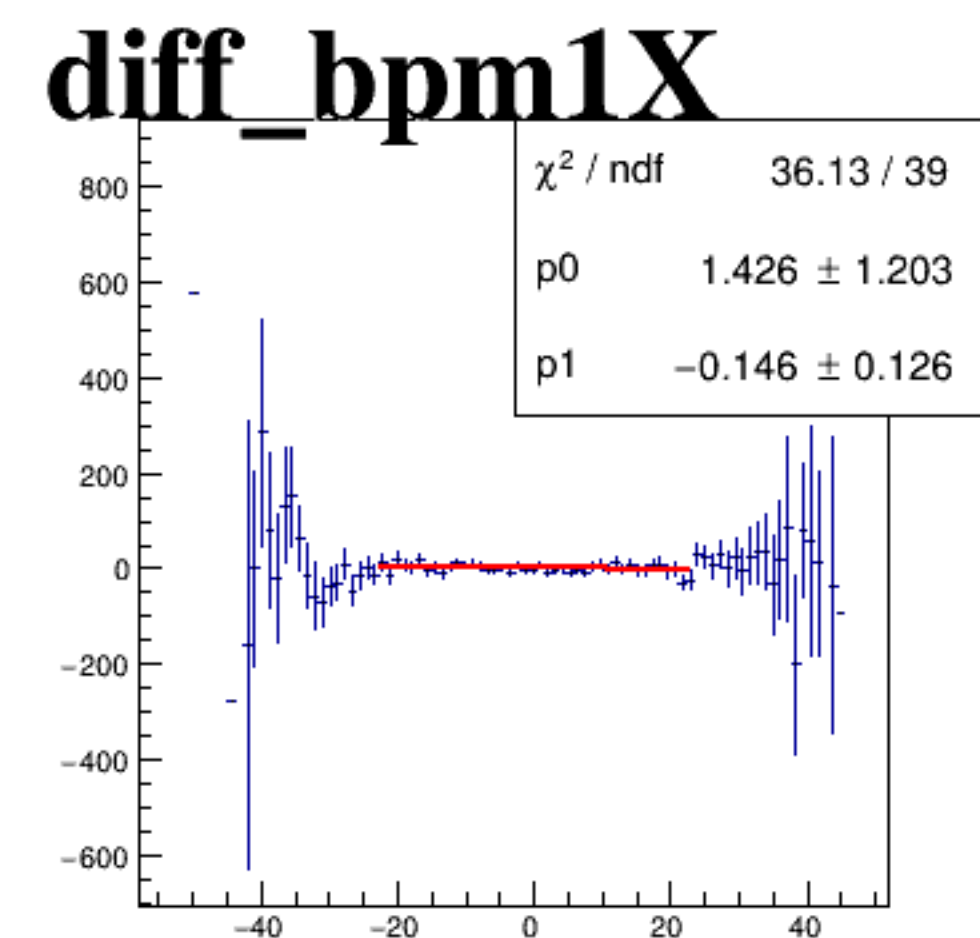
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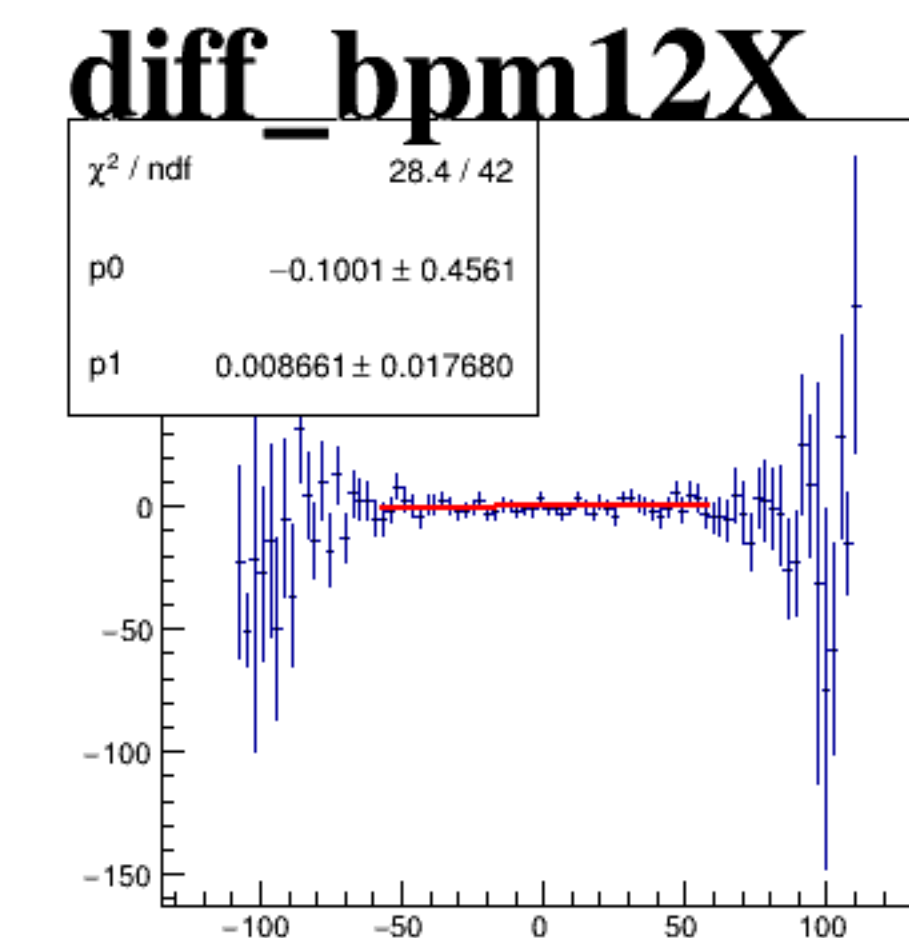
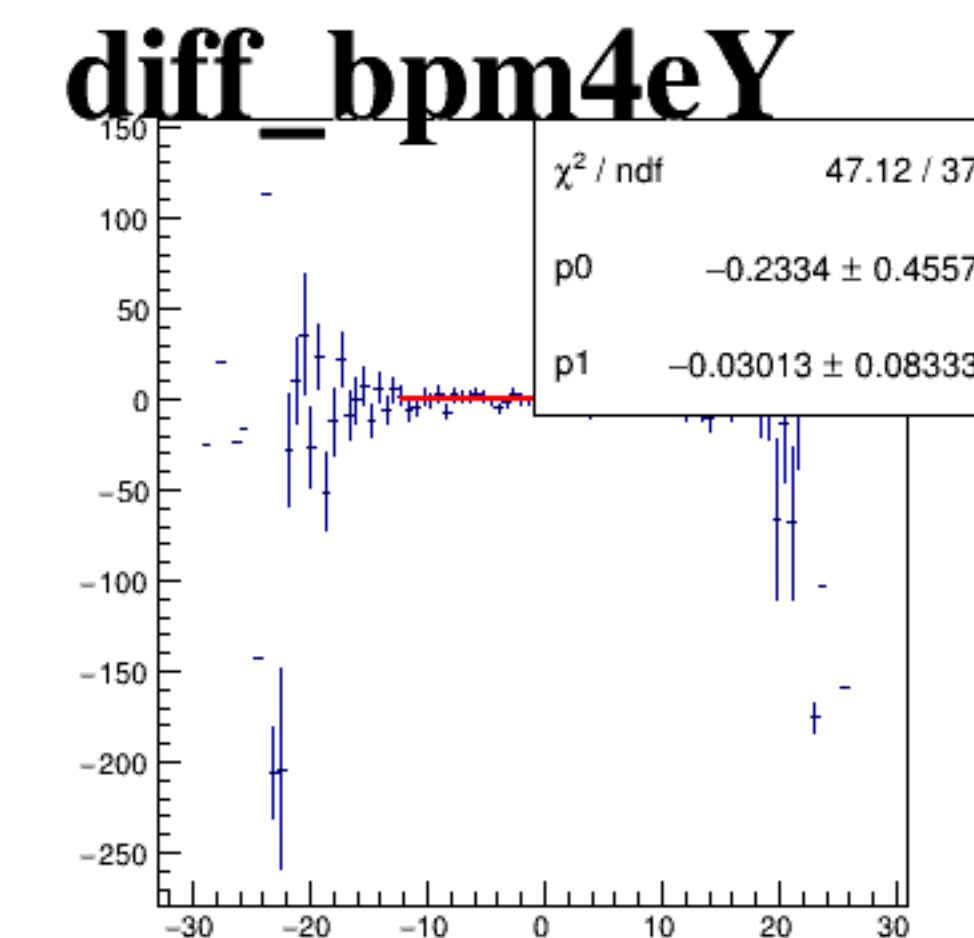
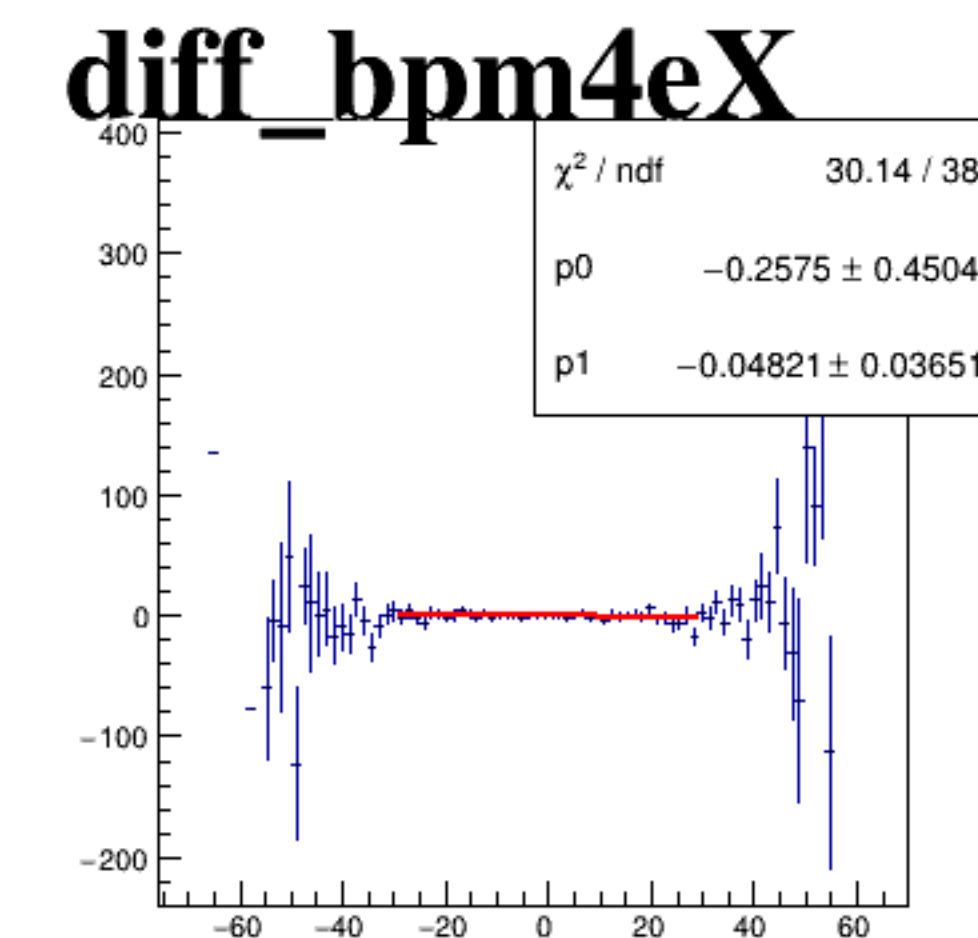
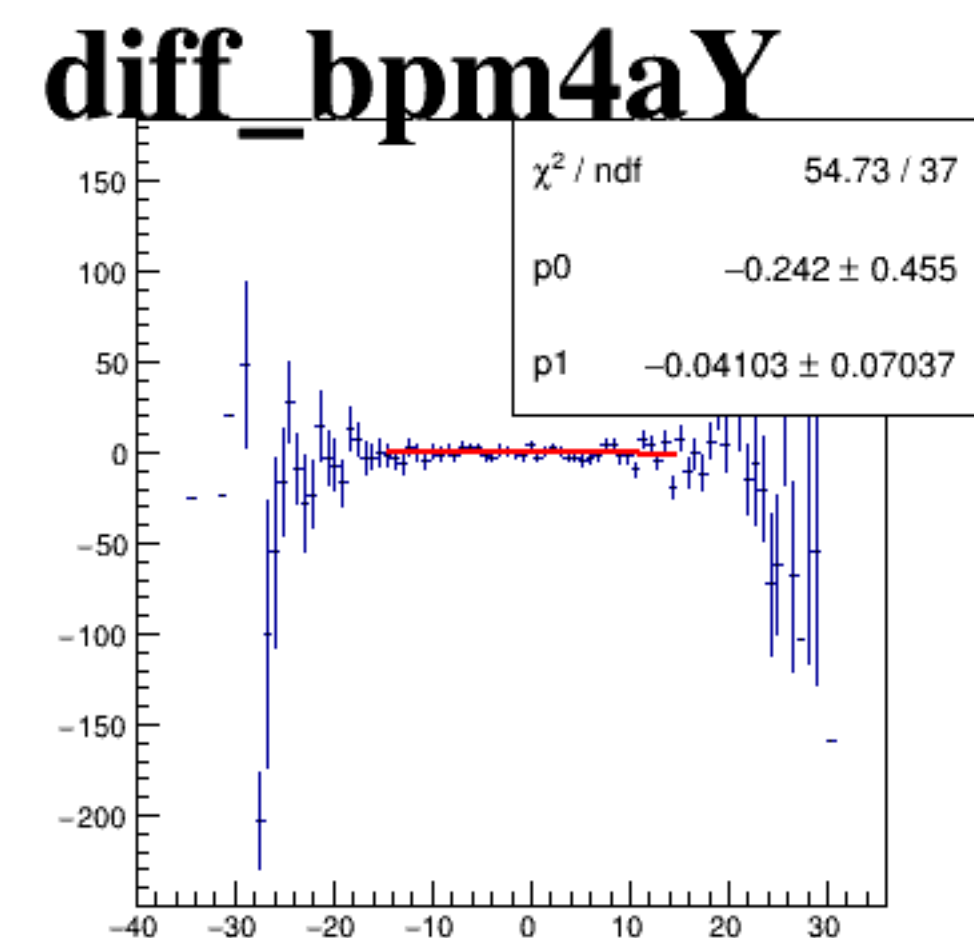
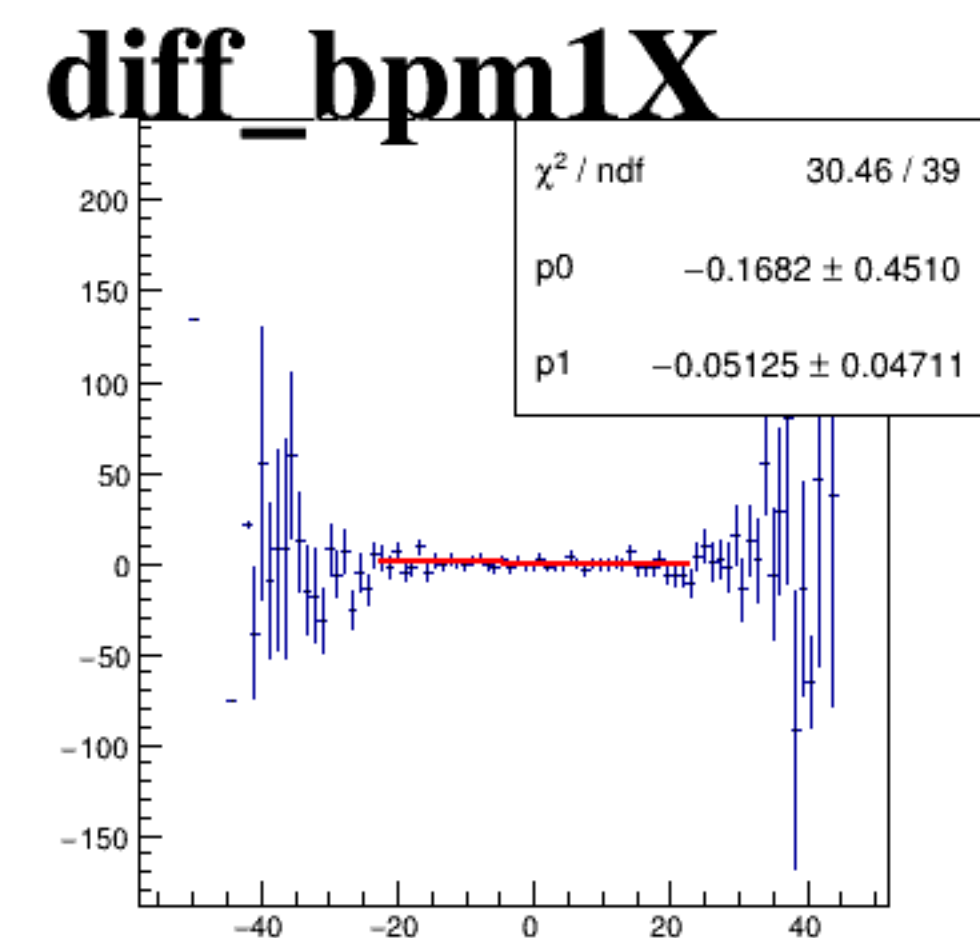
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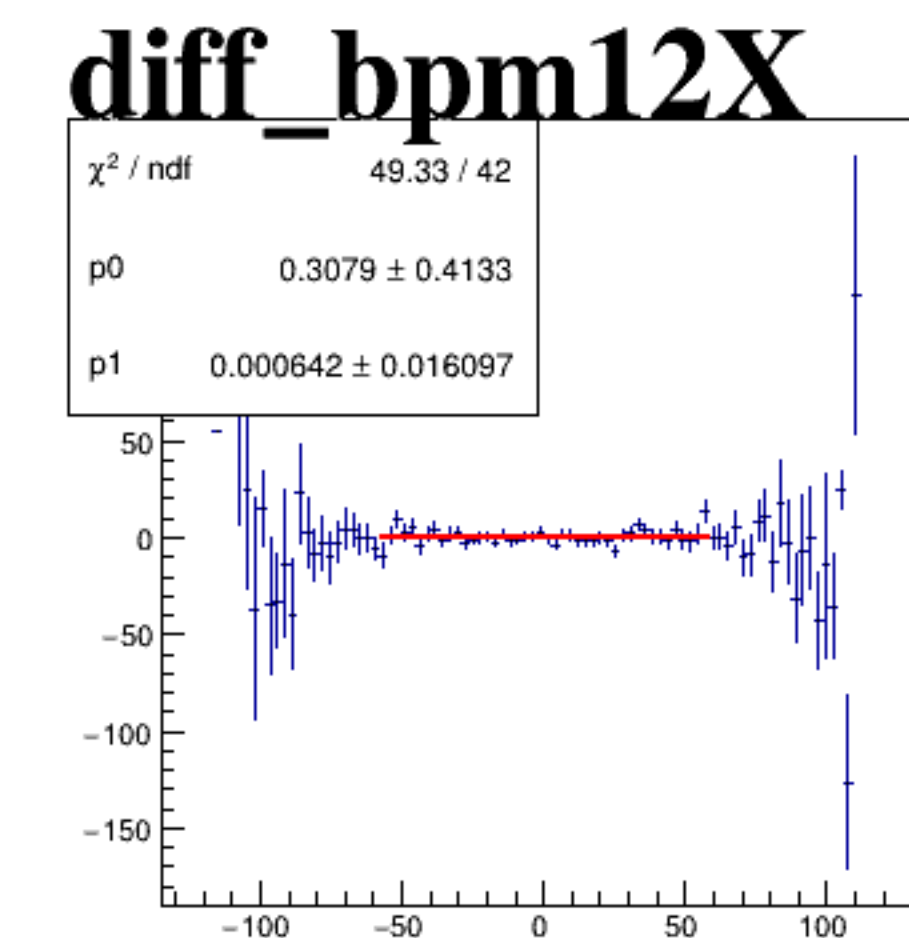
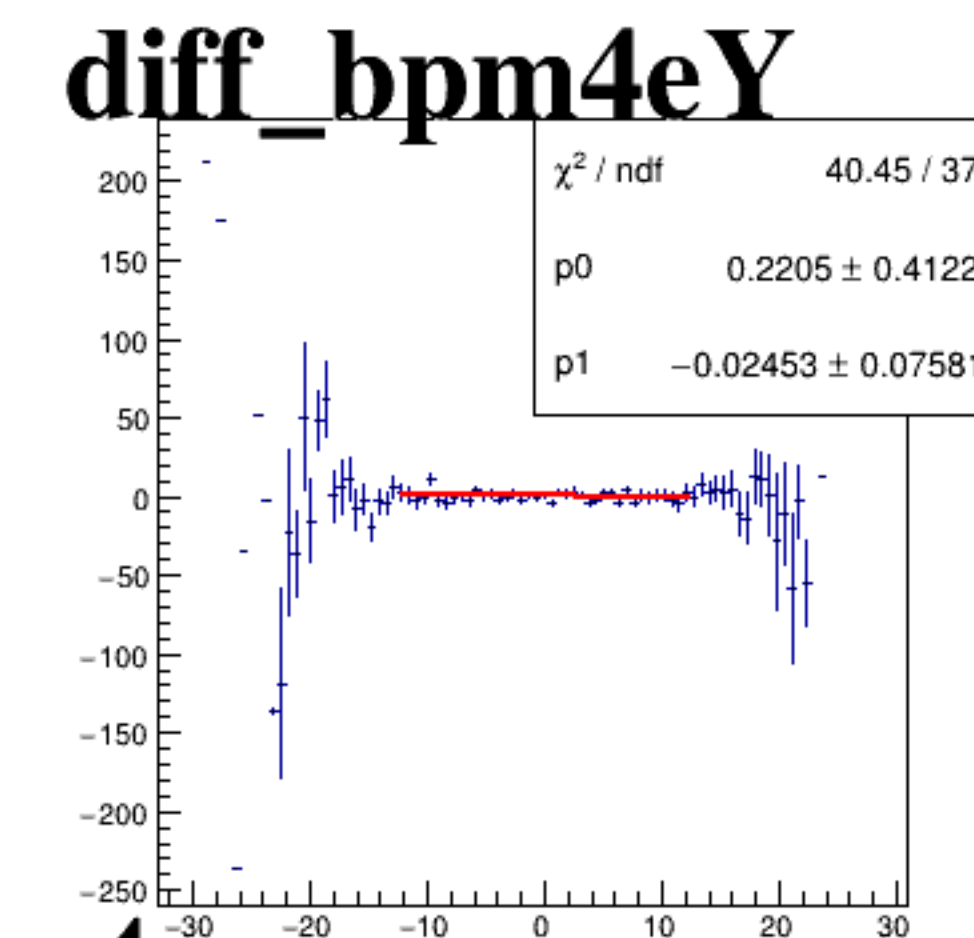
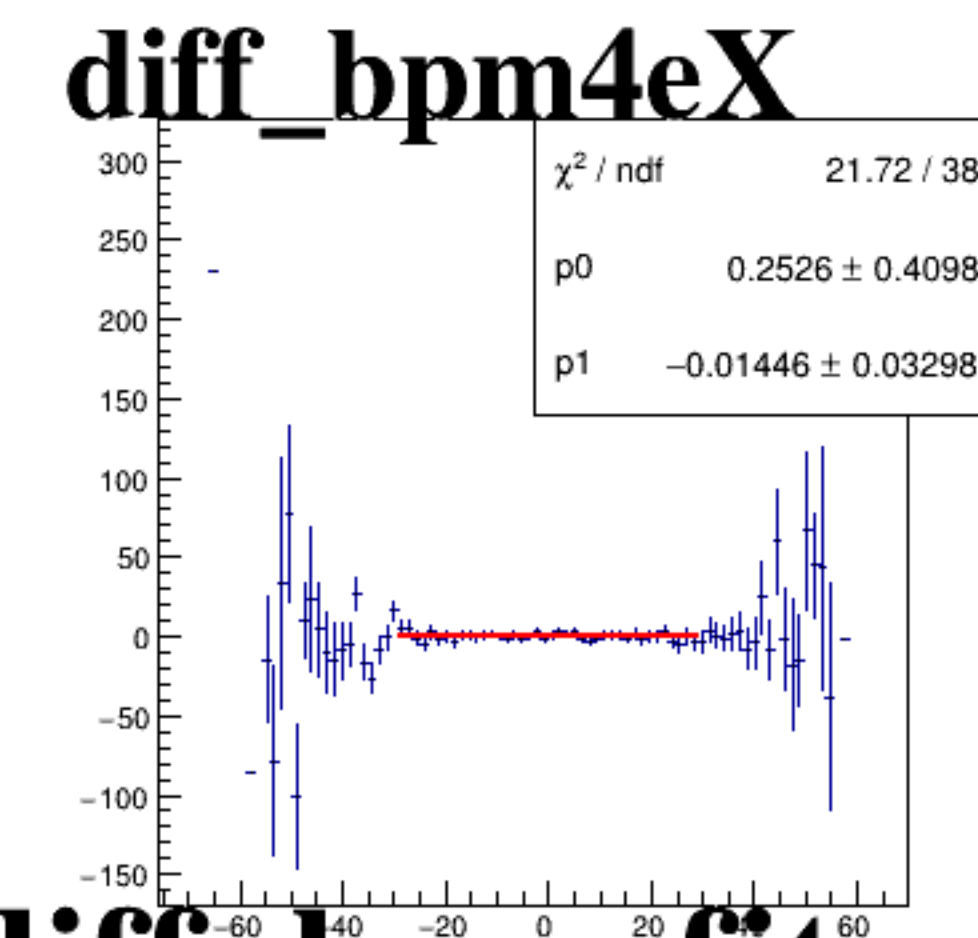
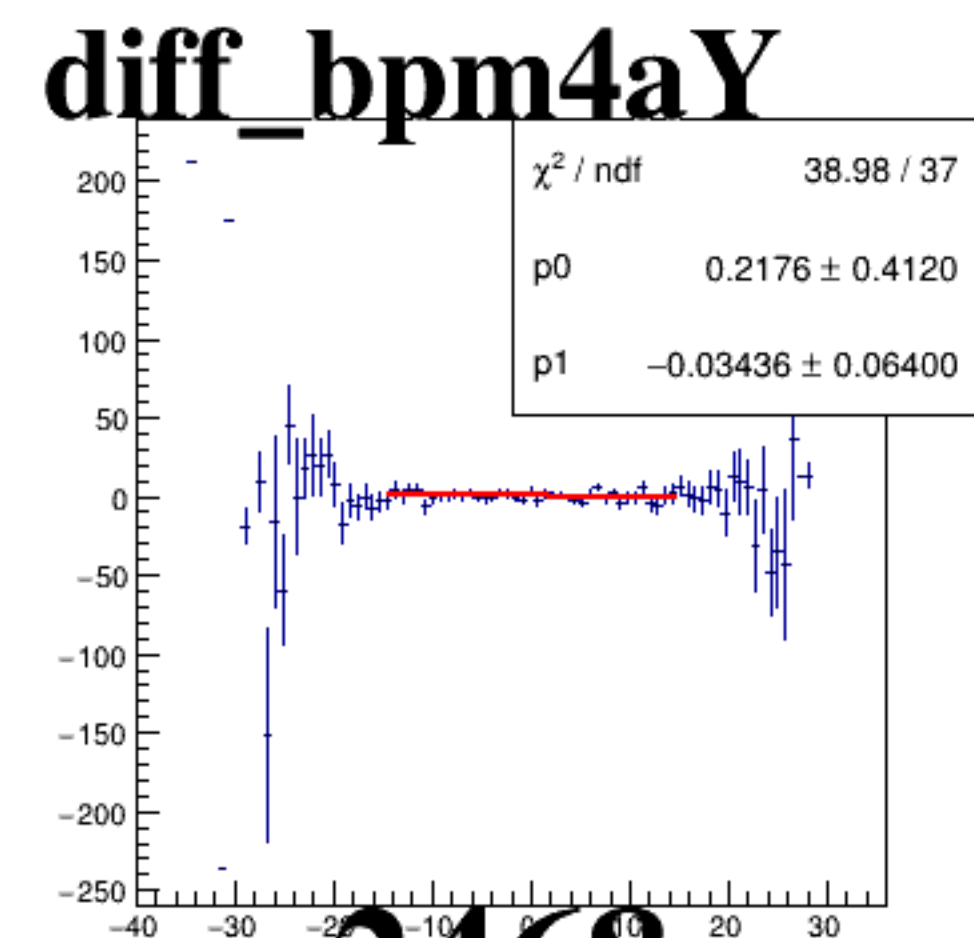
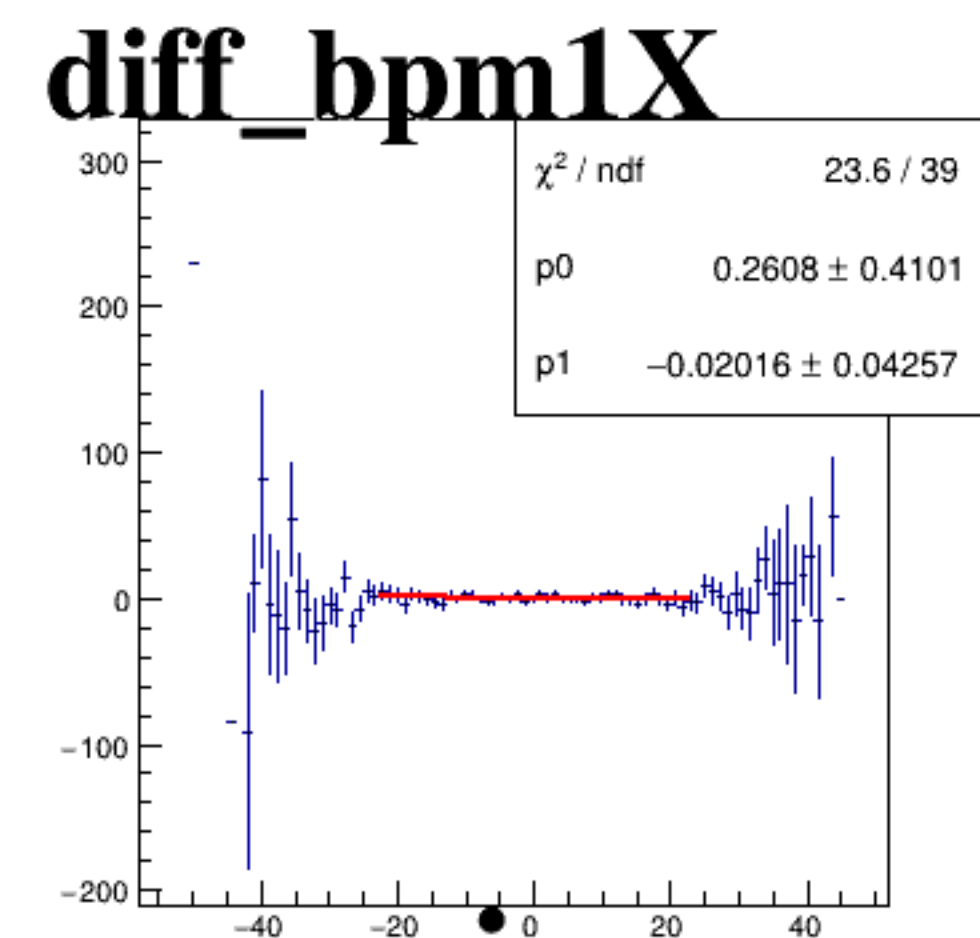
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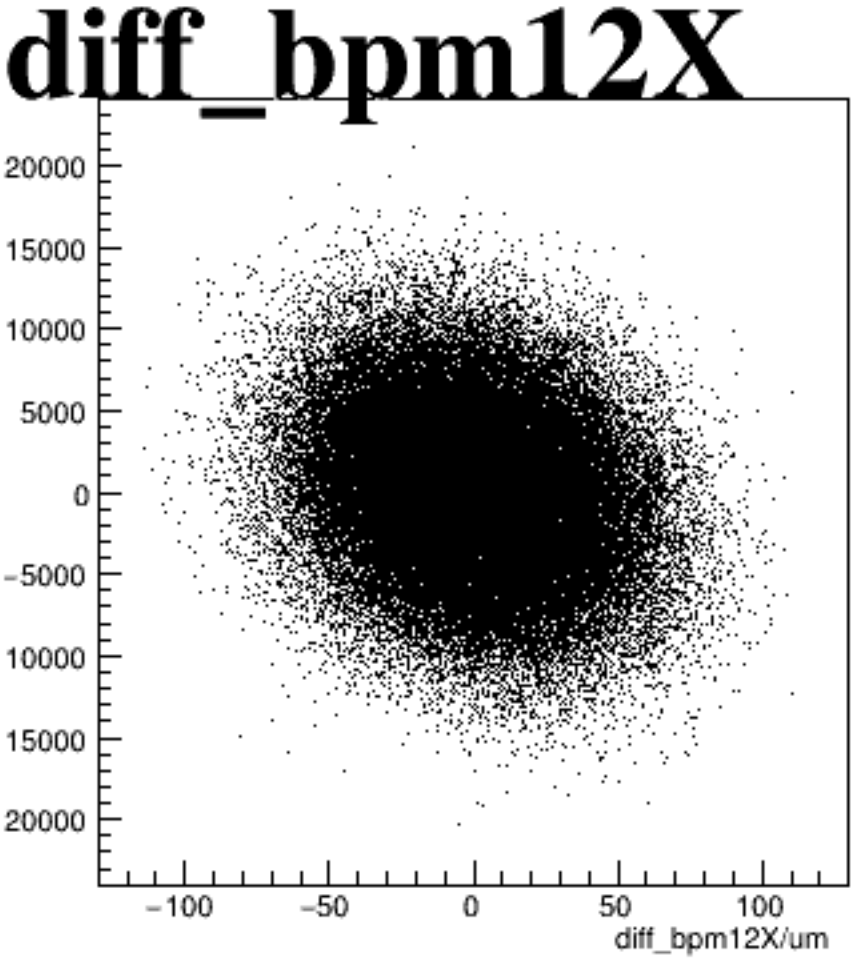
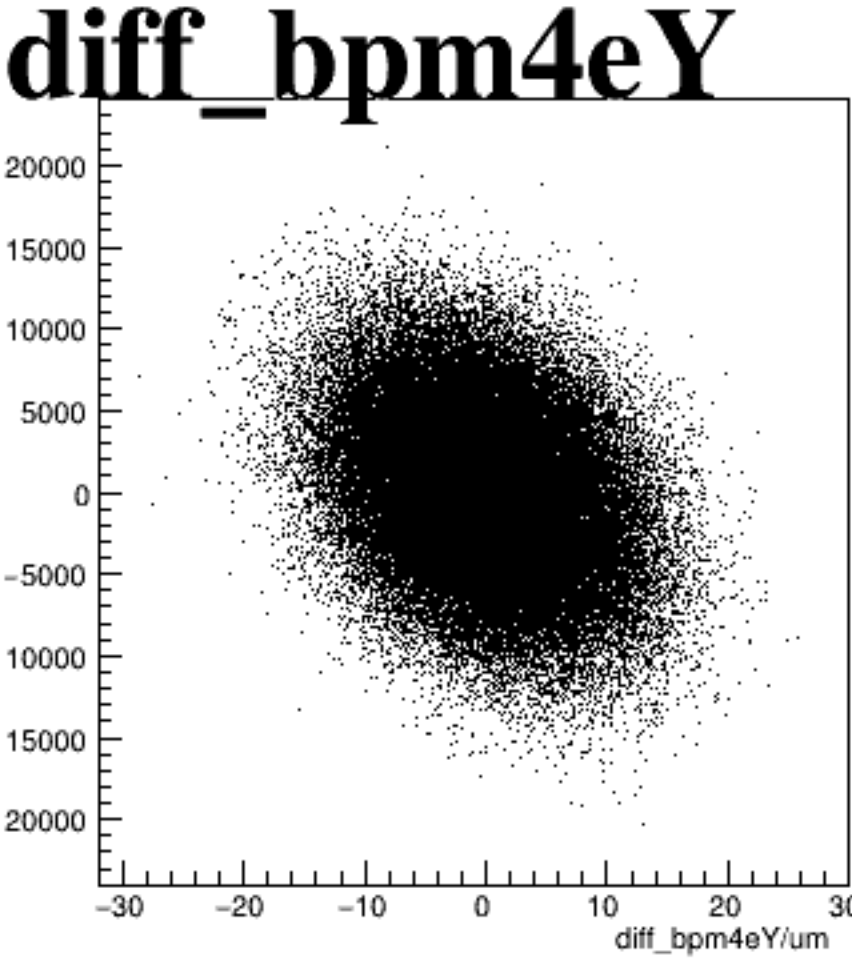
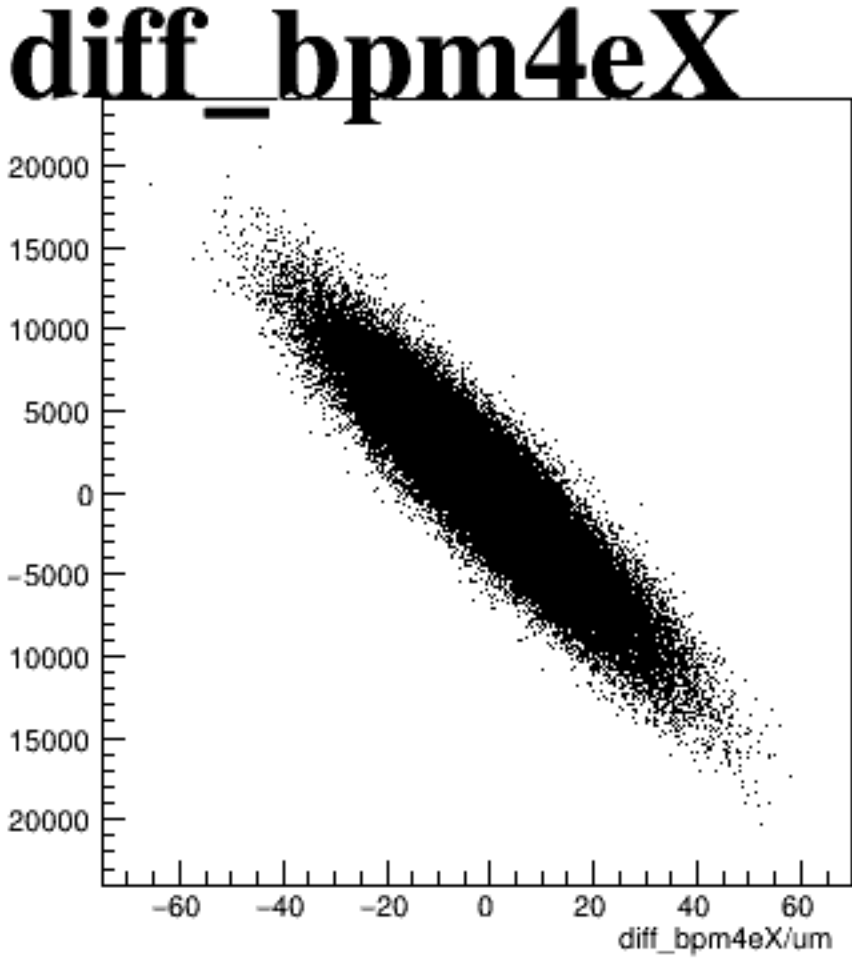
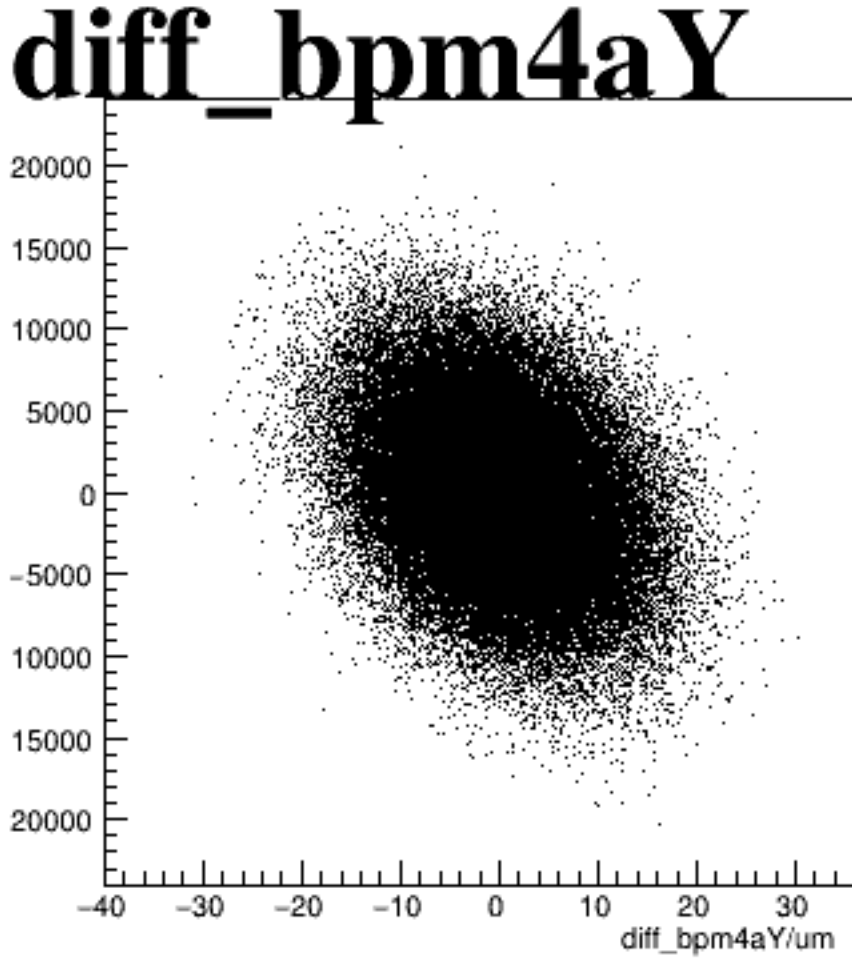
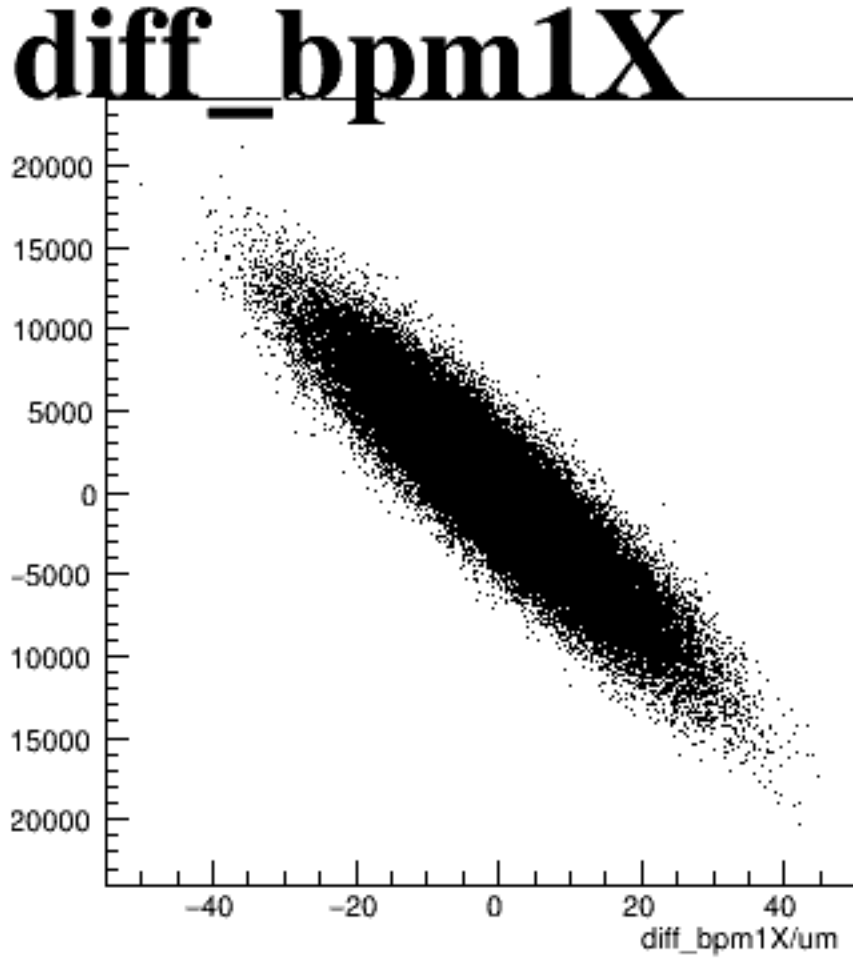
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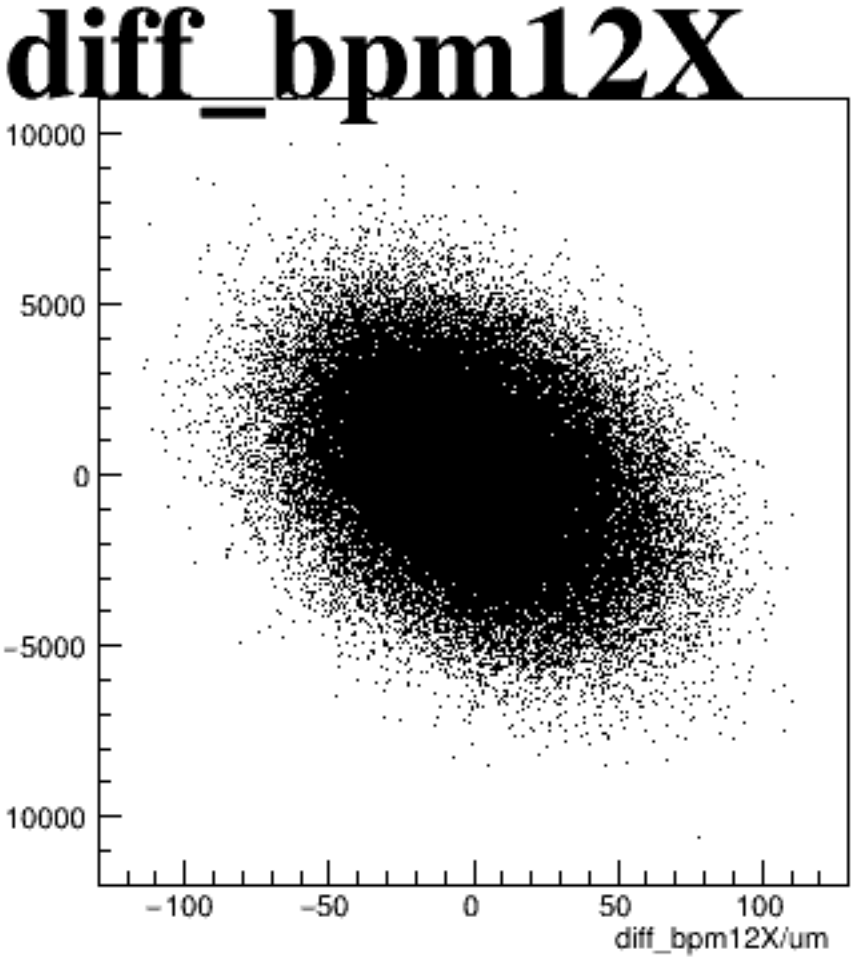
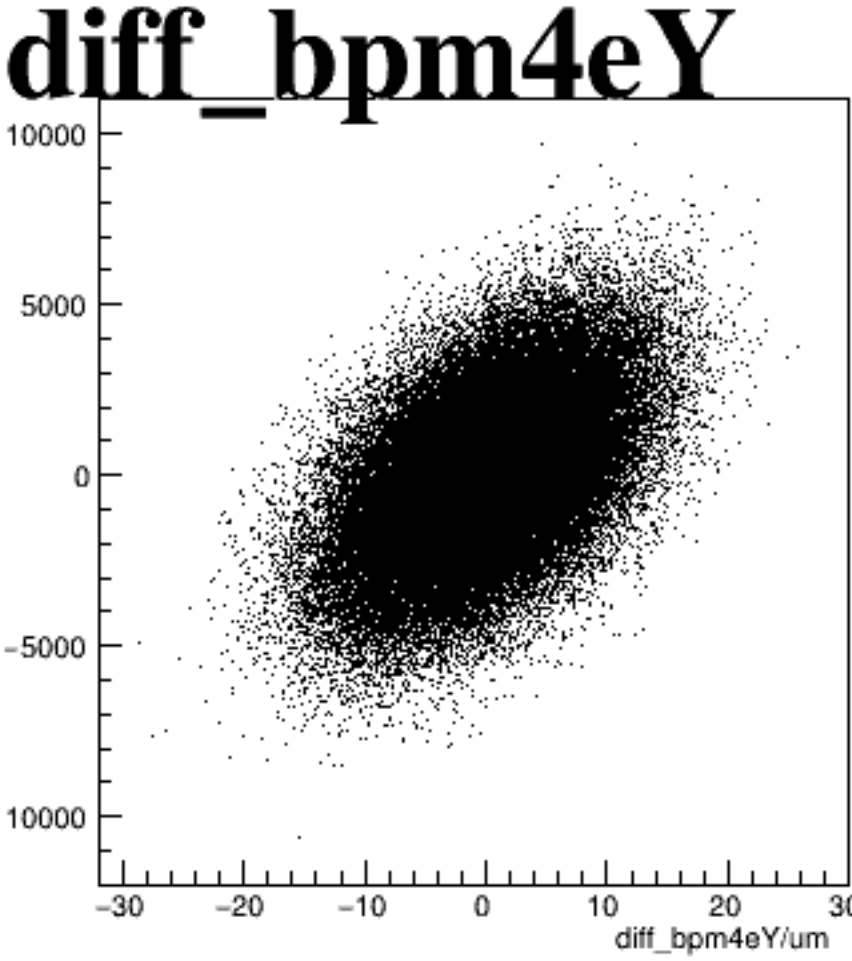
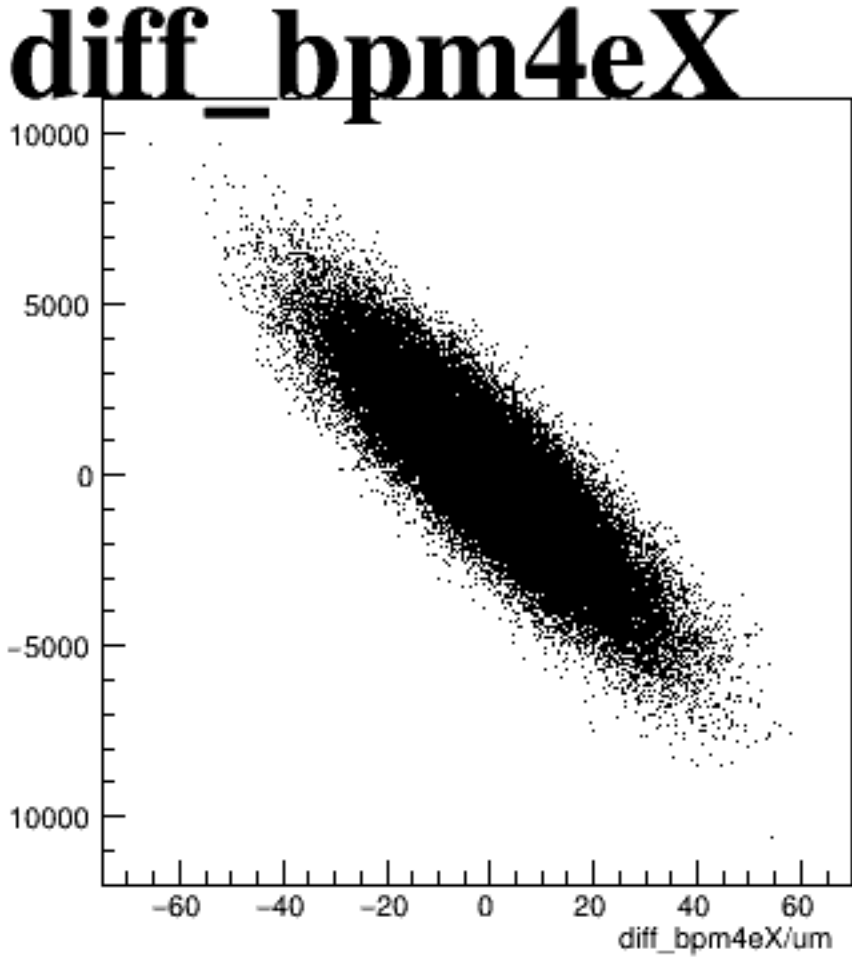
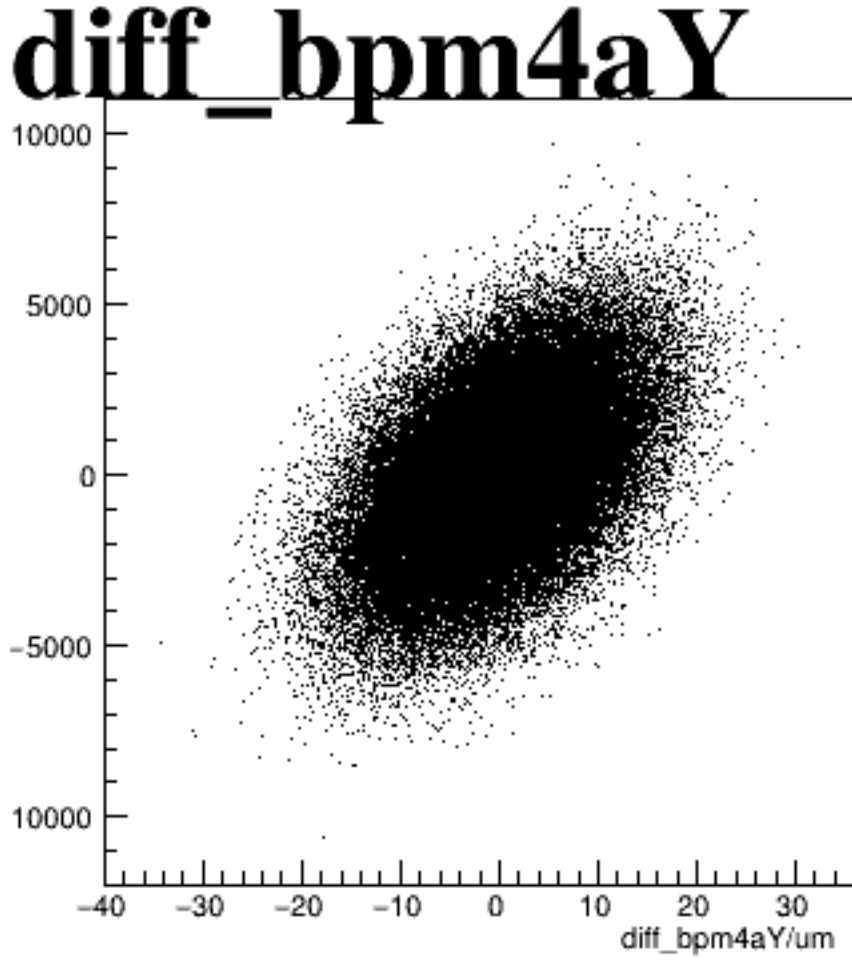
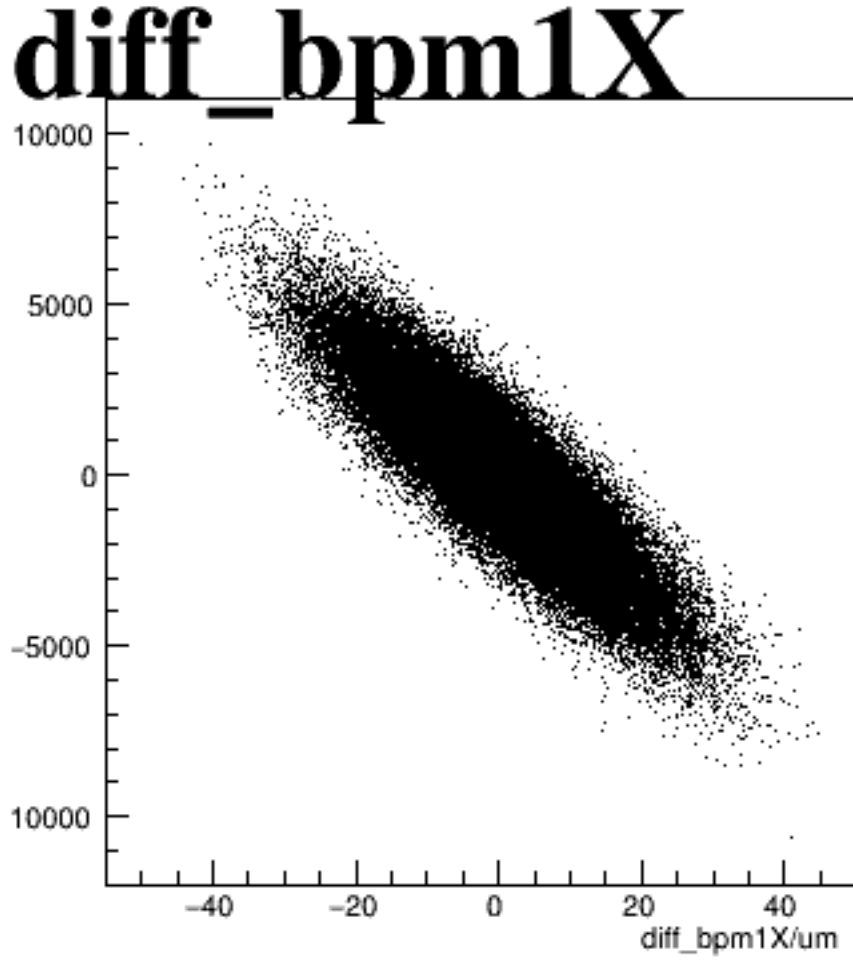
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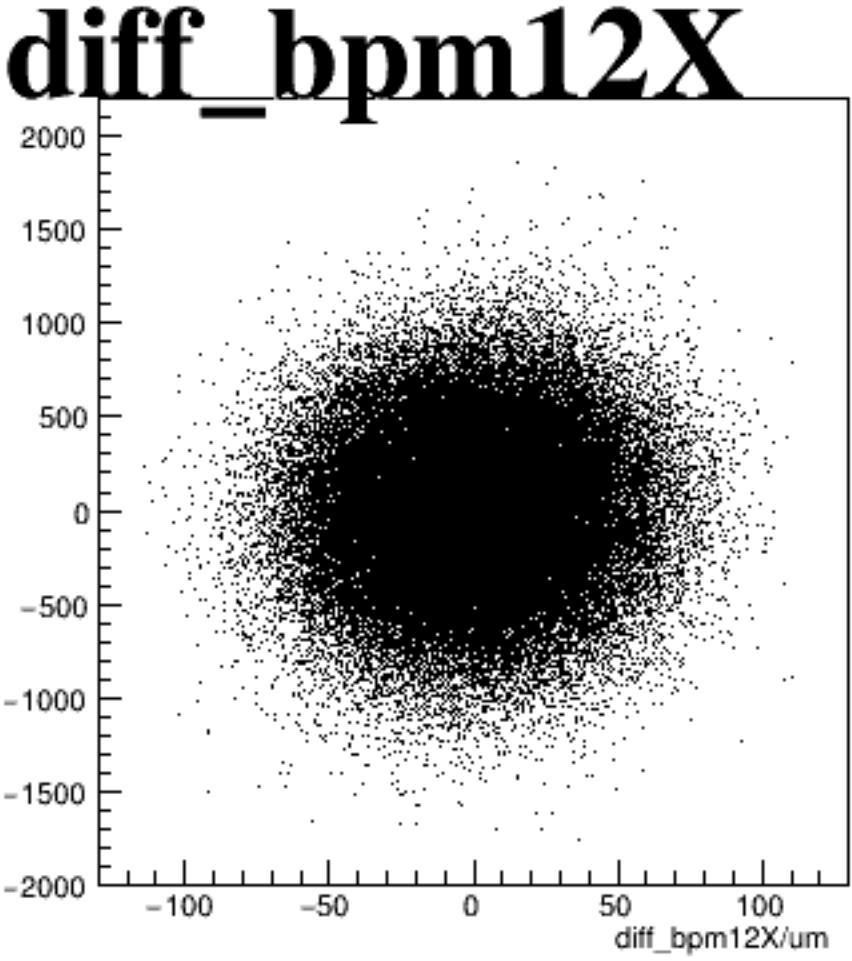
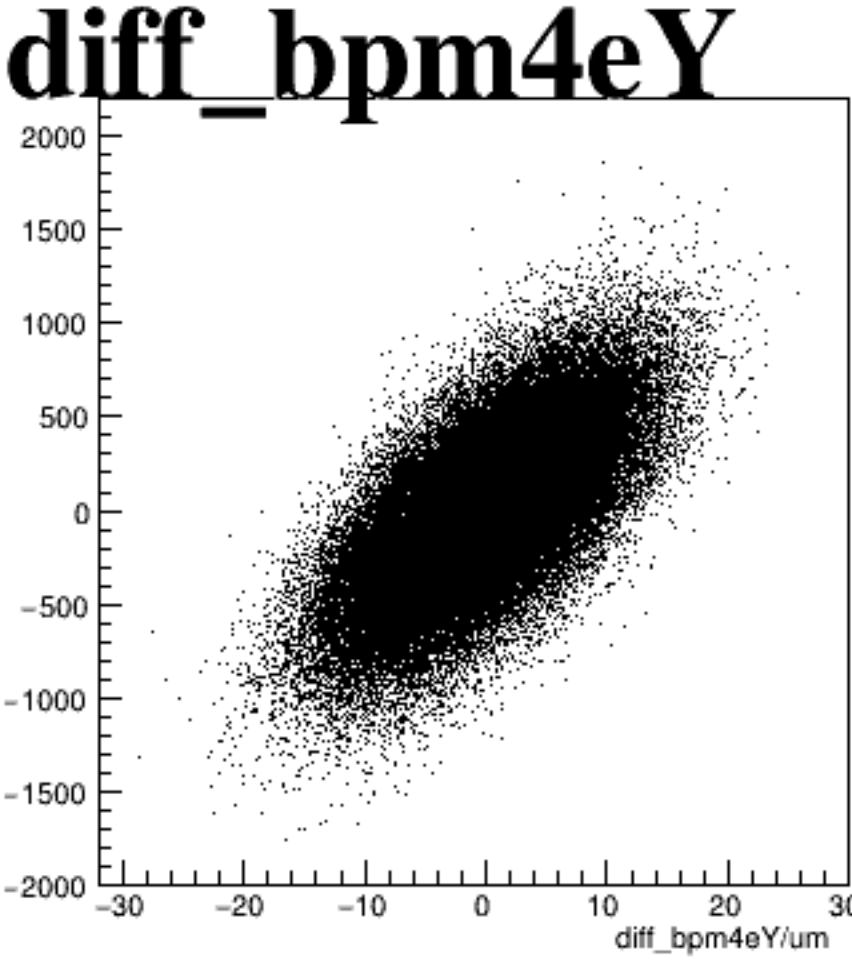
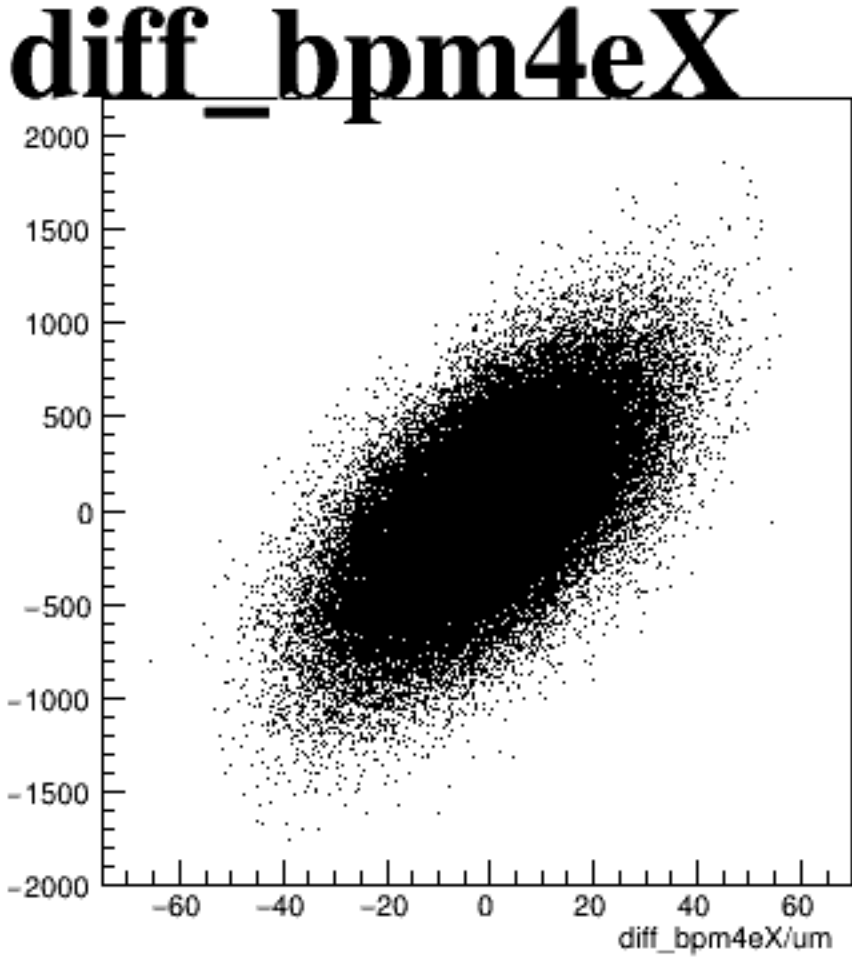
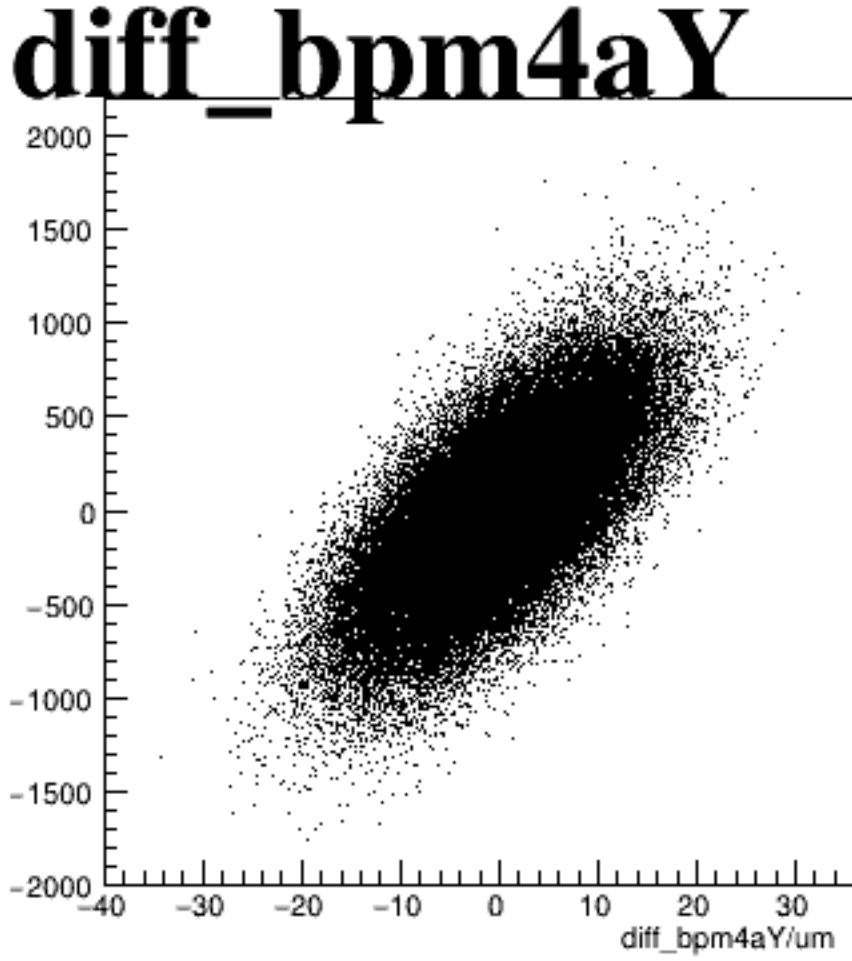
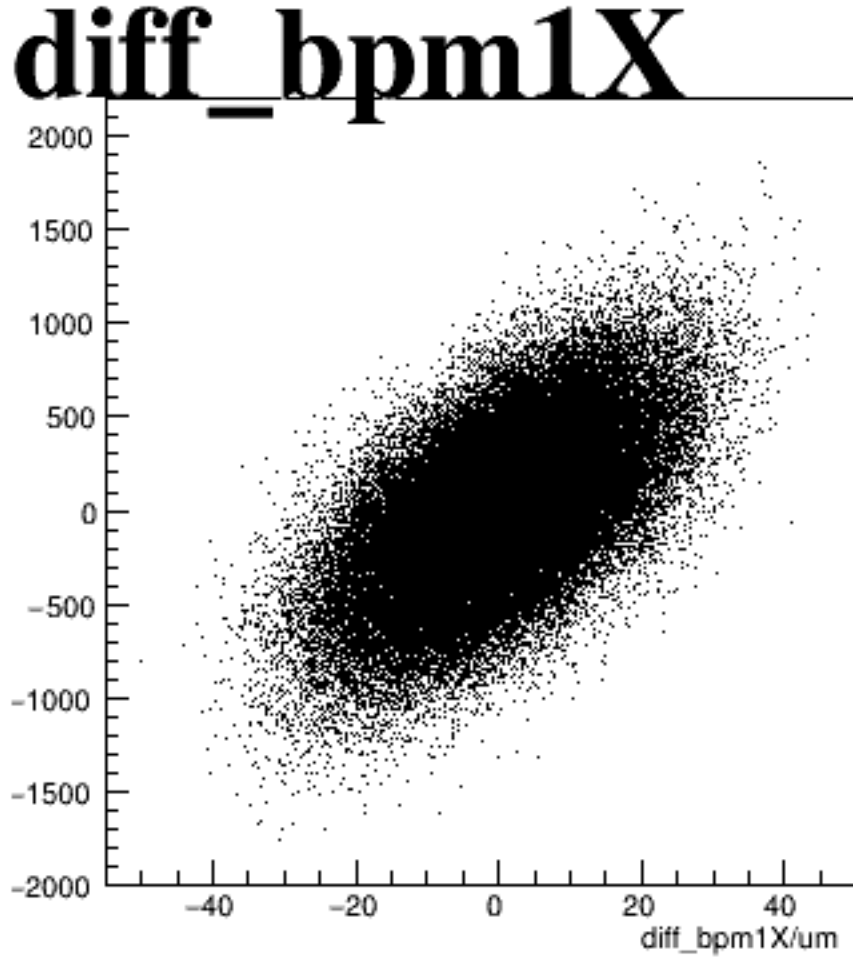
asym_sam2



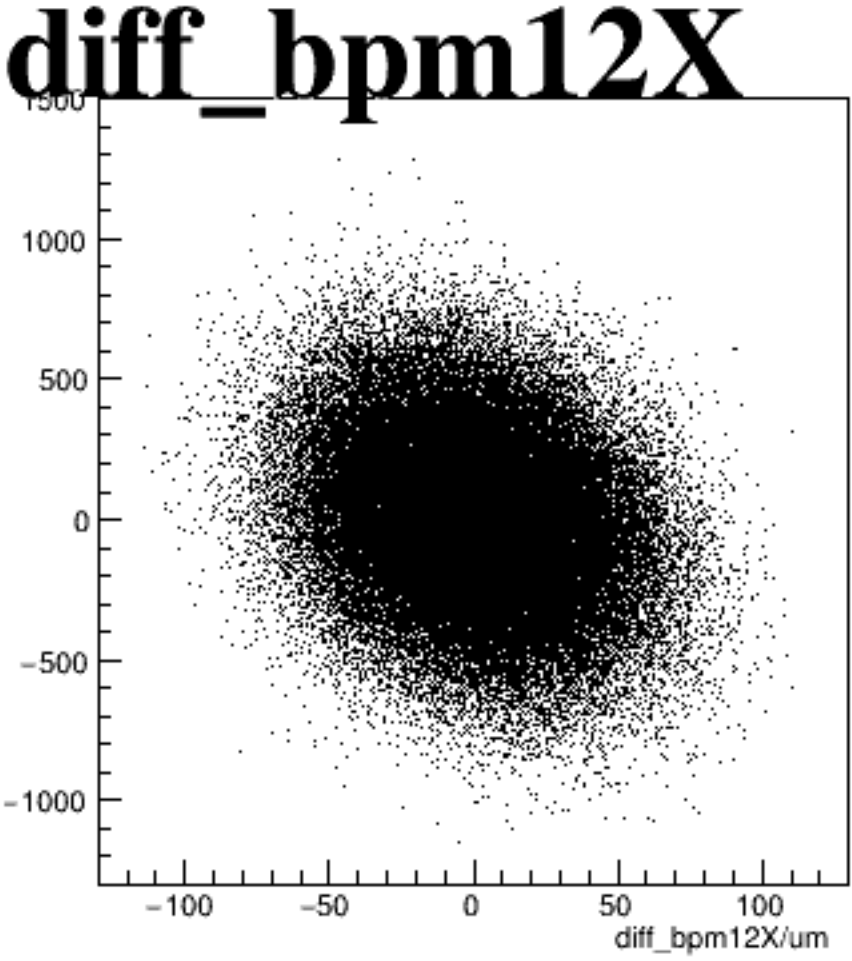
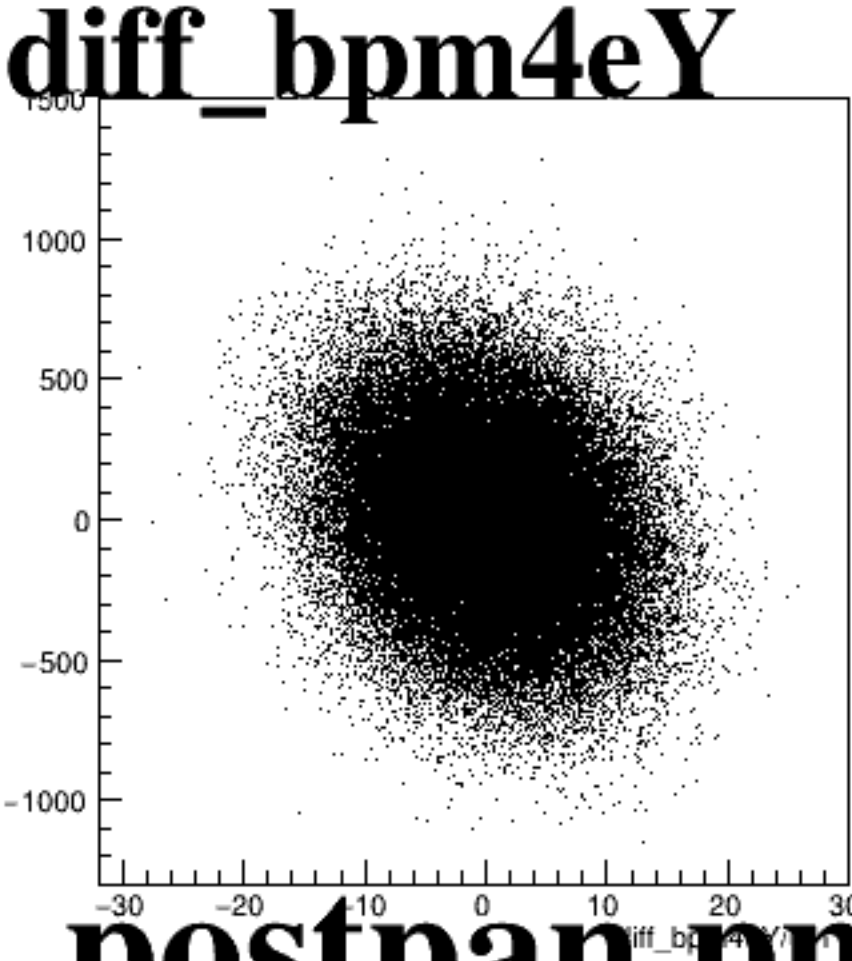
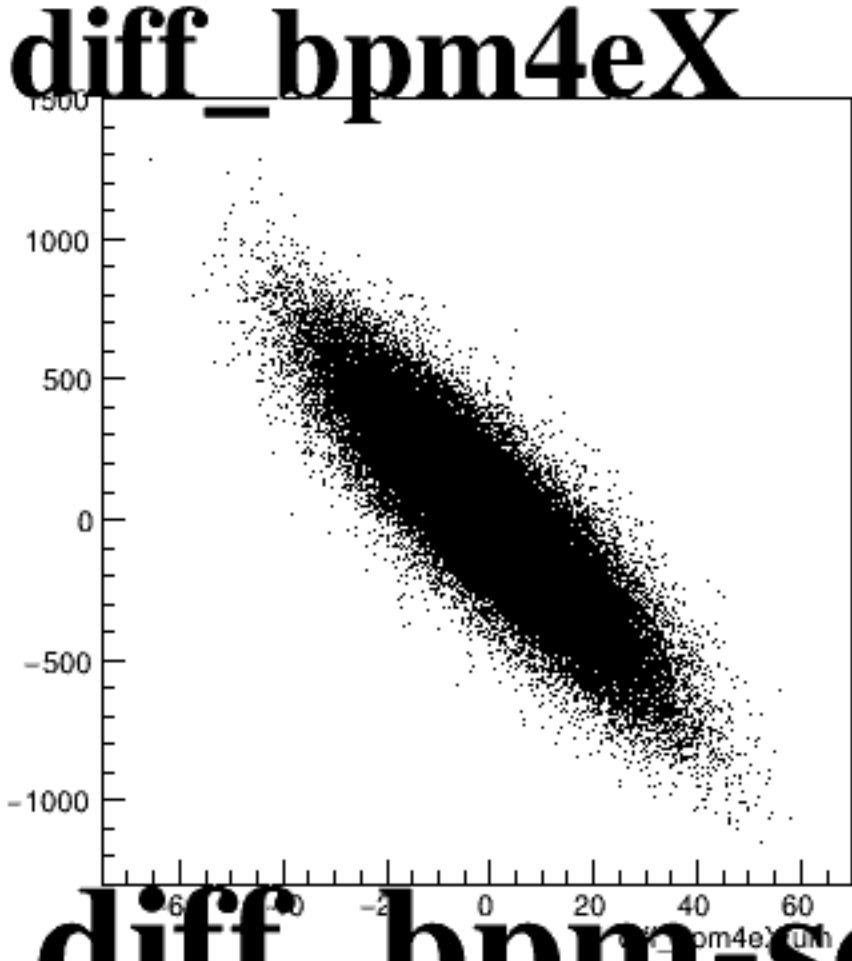
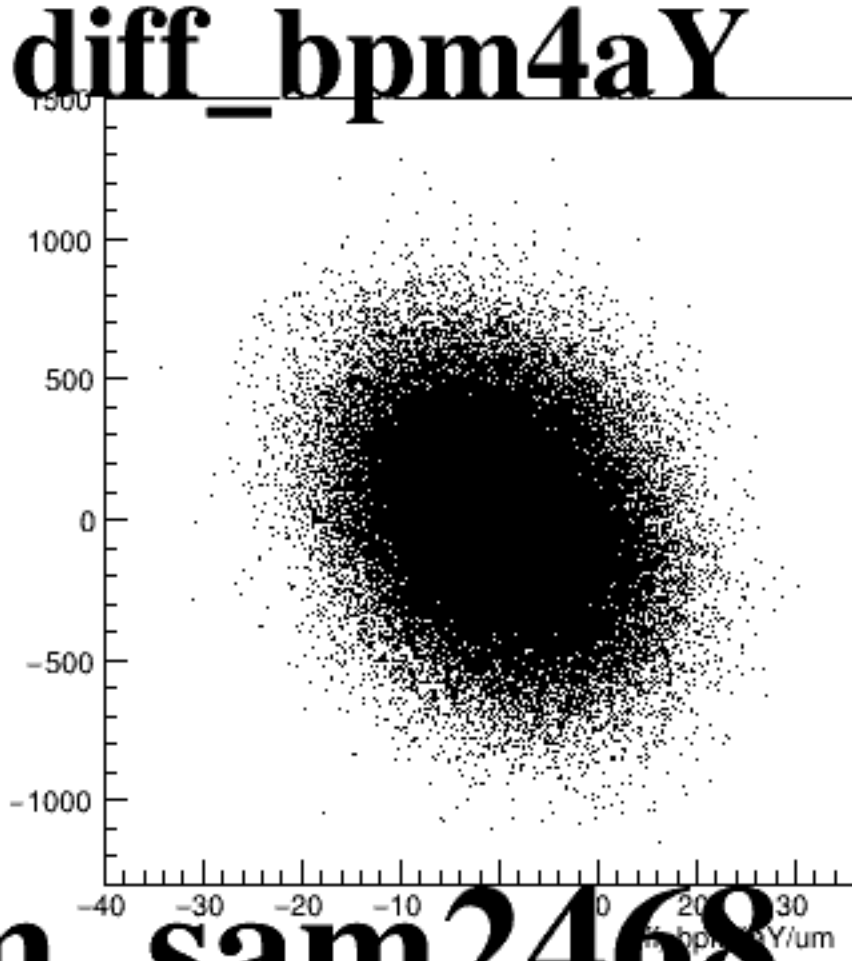
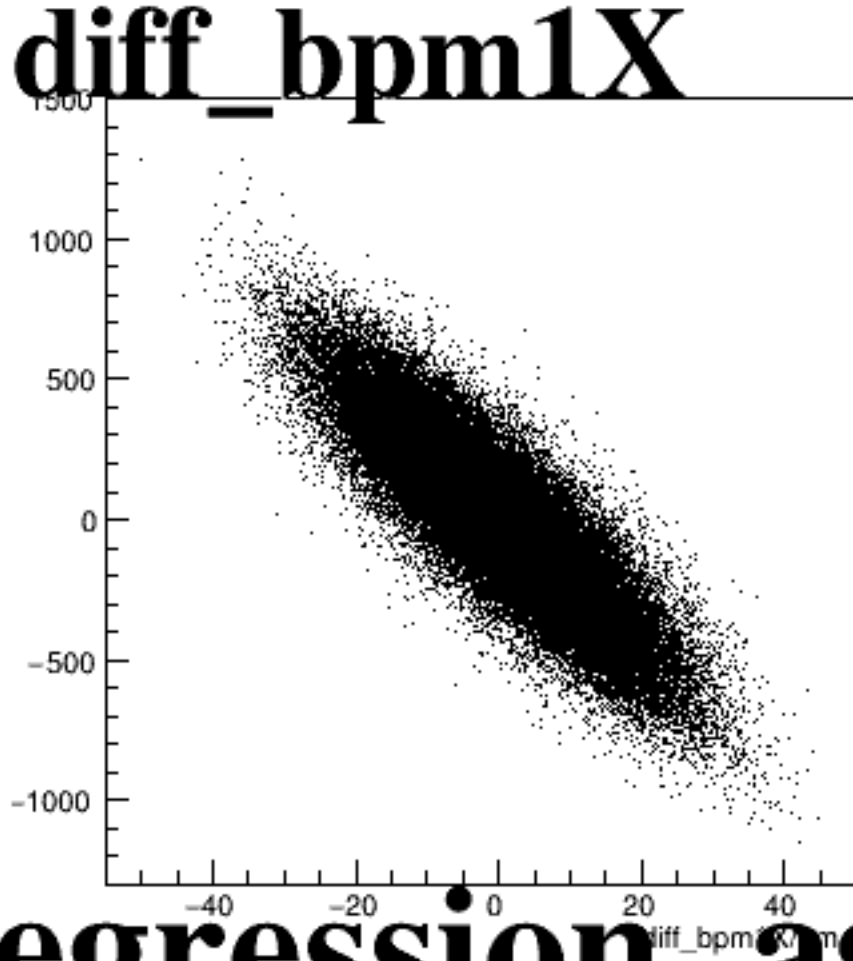
asym_sam4



asym_sam6



asym_sam8

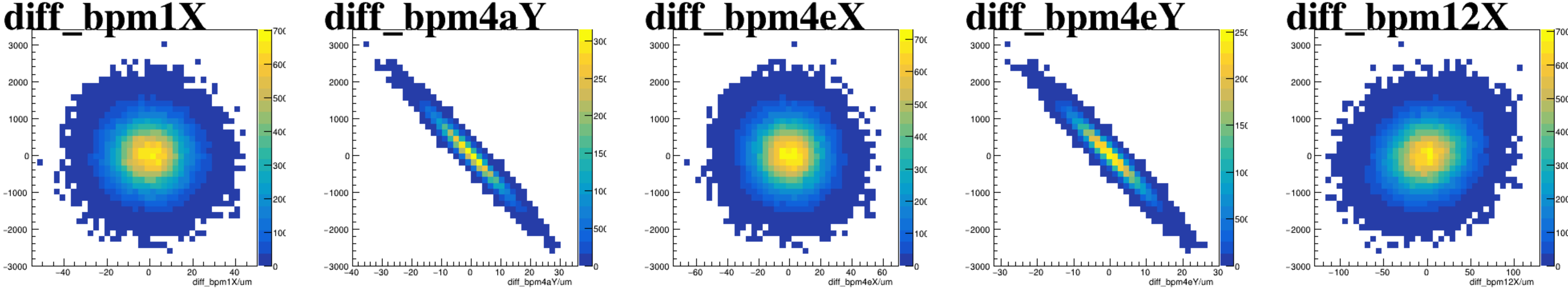


The figure consists of five scatter plots arranged horizontally, each showing the distribution of a specific diffraction order. The y-axis for all plots ranges from -800 to 800. The x-axis for each plot is labeled as follows:

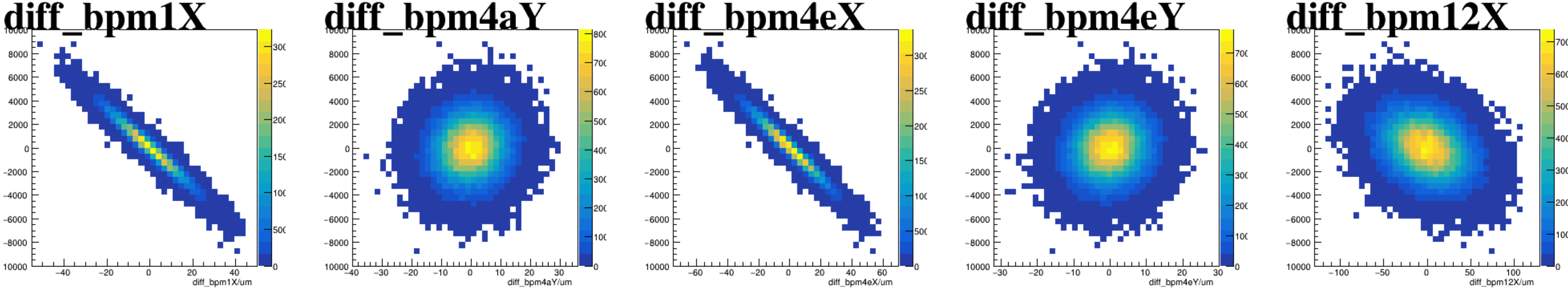
- diff_bpm1X**: x-axis ranges from -40 to 40.
- diff_bpm4aY**: x-axis ranges from -40 to 30.
- diff_bpm4eX**: x-axis ranges from -60 to 60.
- diff_bpm4eY**: x-axis ranges from -30 to 30.
- diff_bpm12X**: x-axis ranges from -100 to 100.

Each plot shows a dense, roughly circular cloud of points centered at (0,0), with some points extending to the edges of the axes.

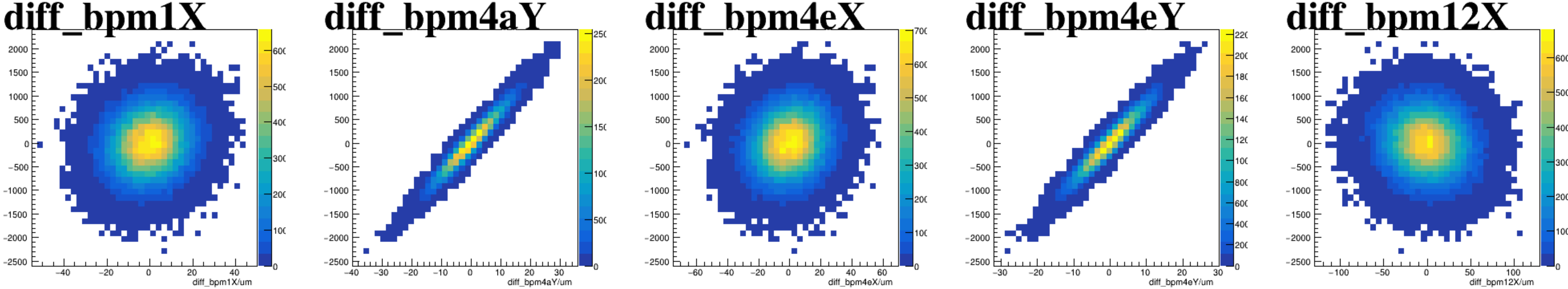
asym_sam1



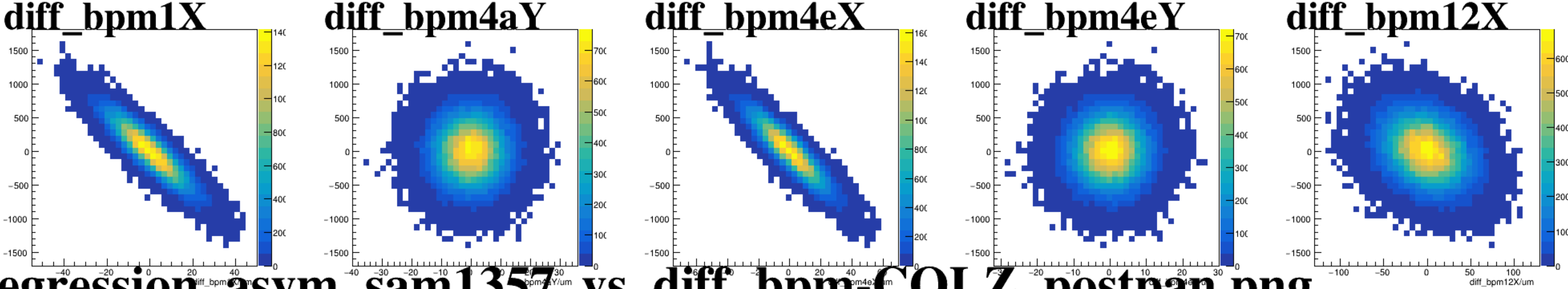
asym_sam3



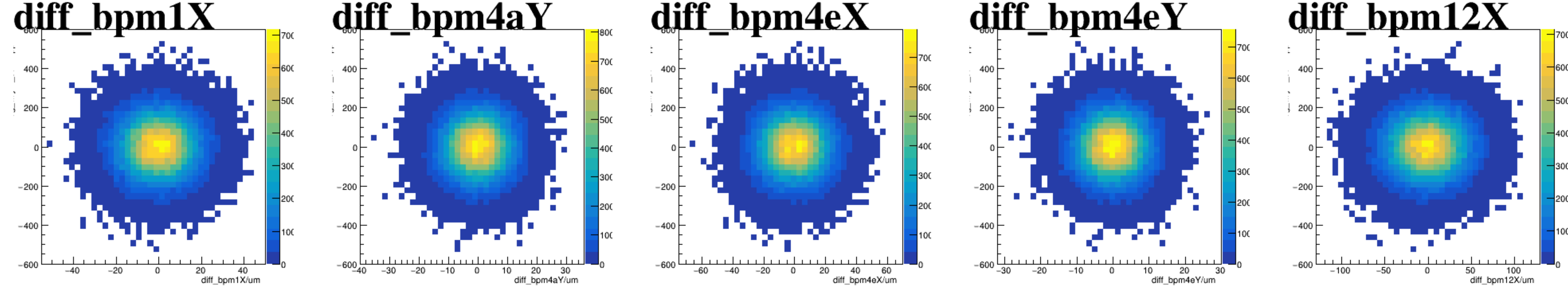
asym_sam5



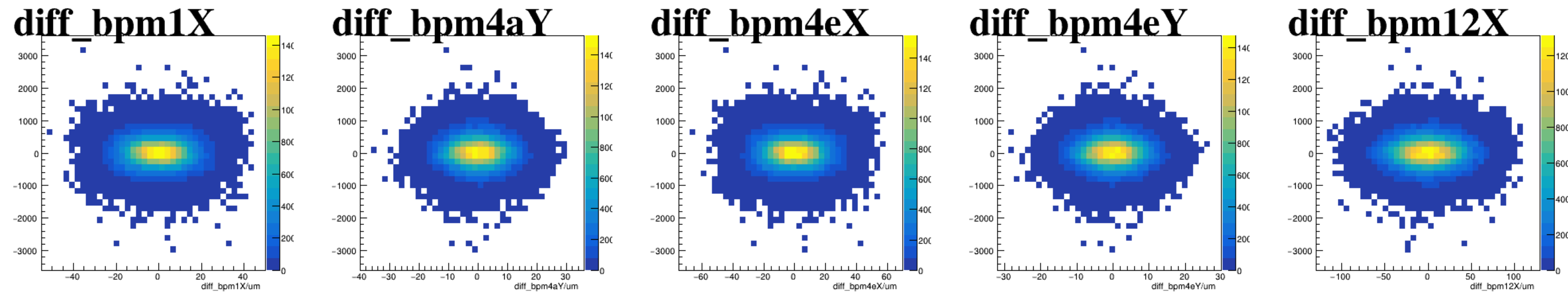
asym_sam7



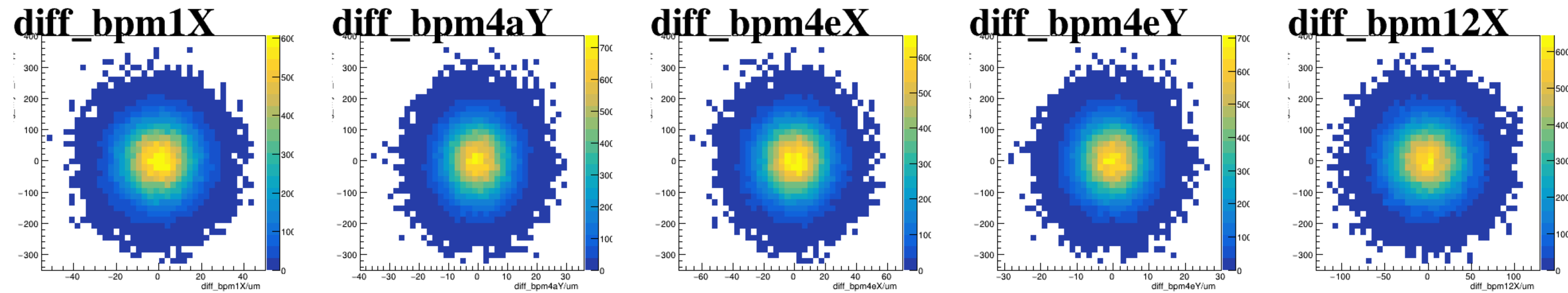
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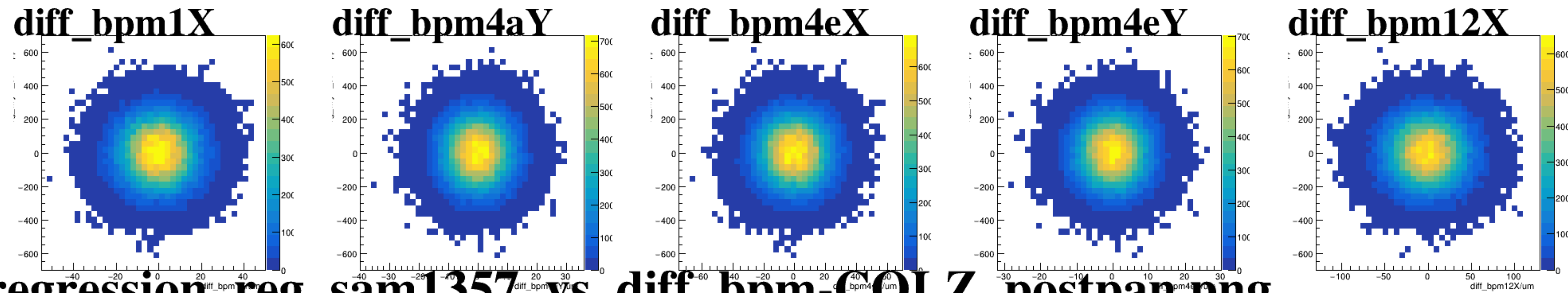
reg_asym_sam3



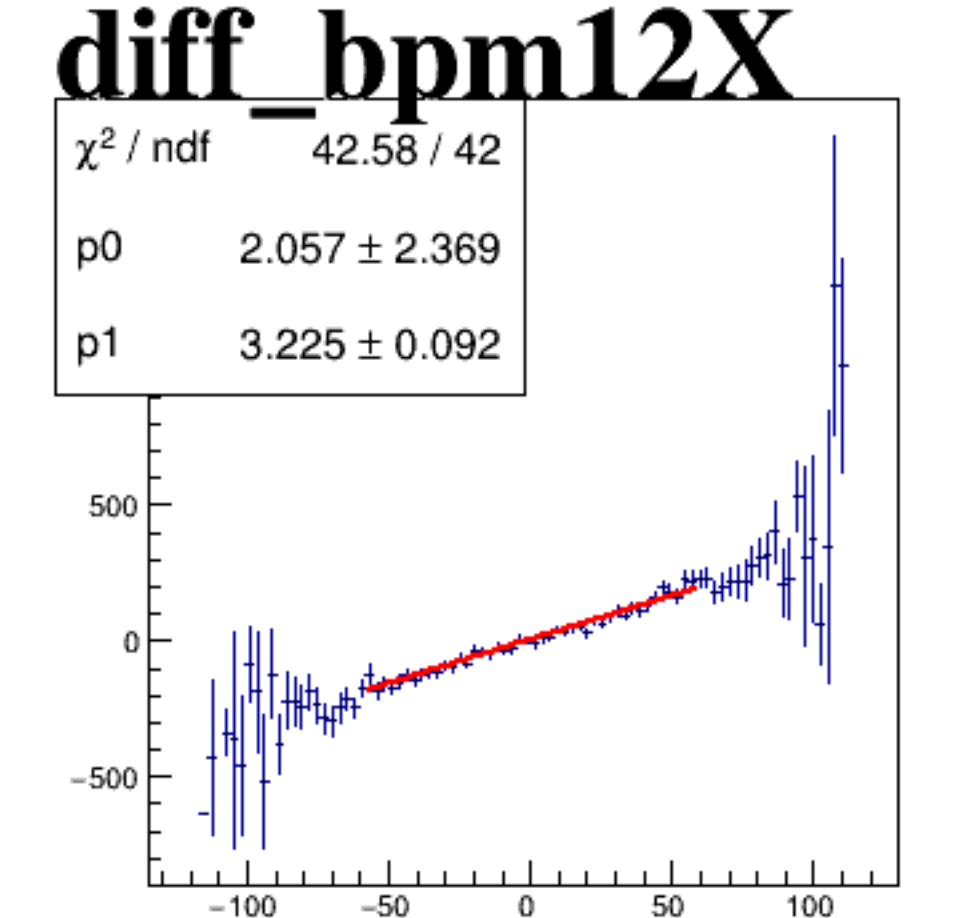
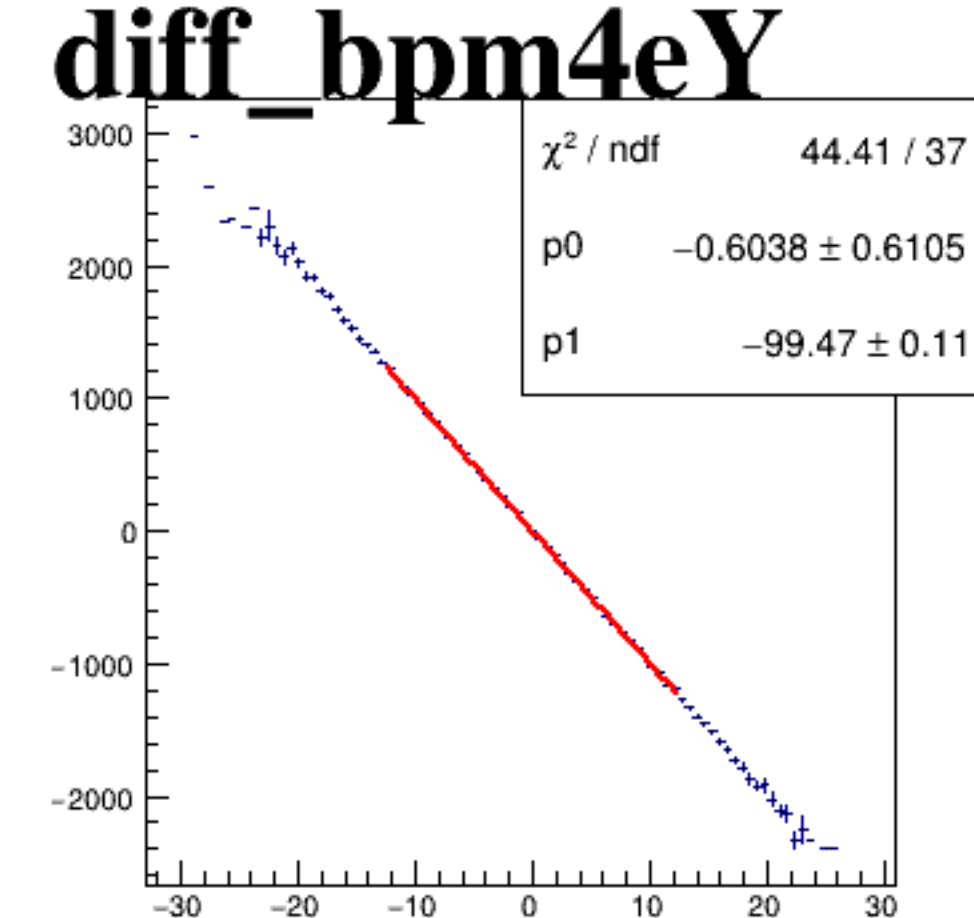
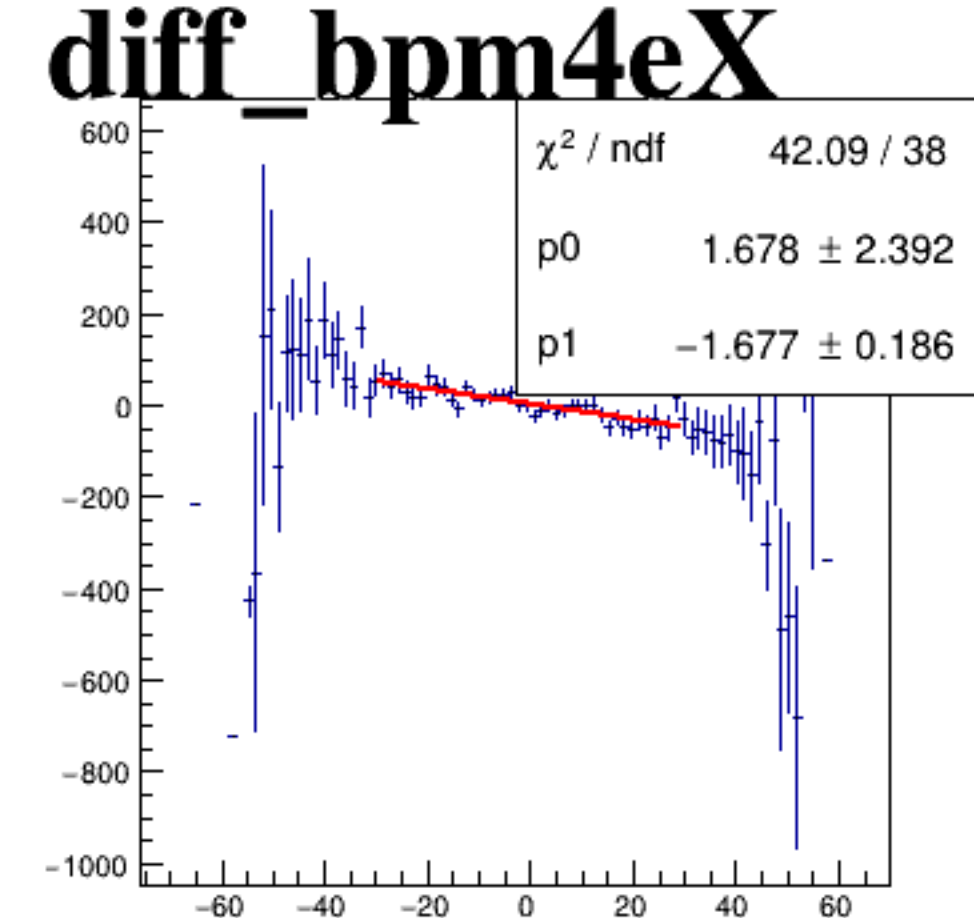
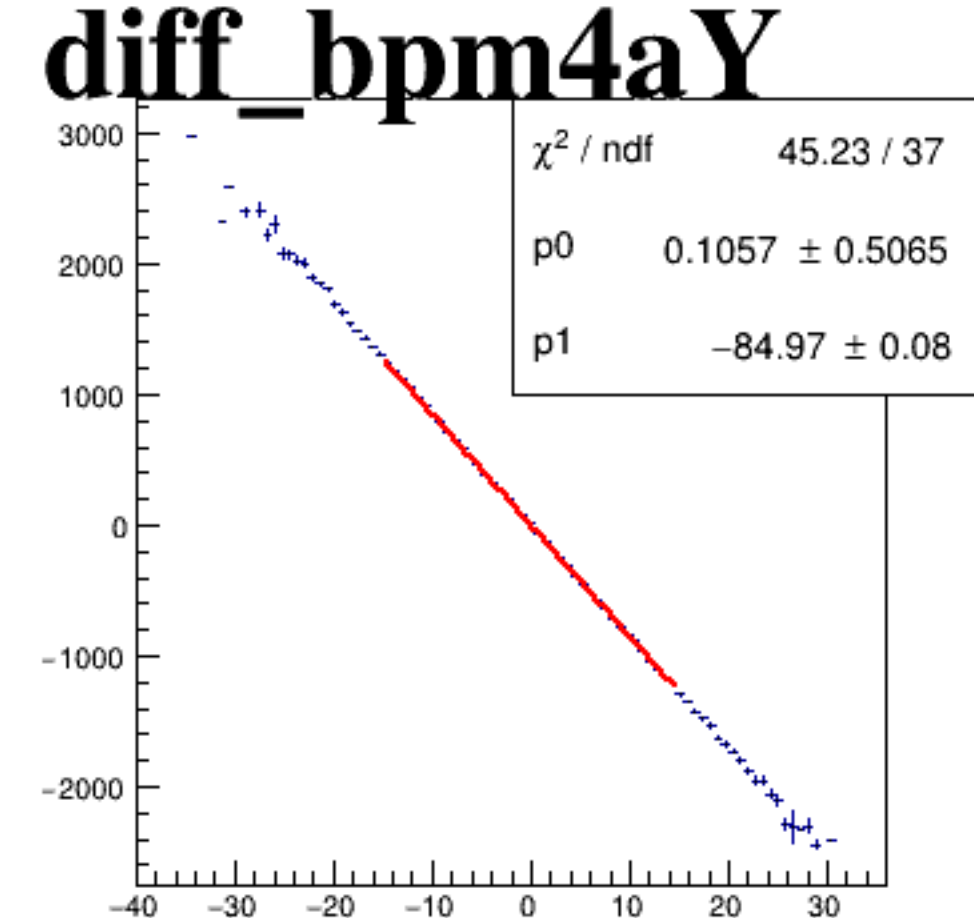
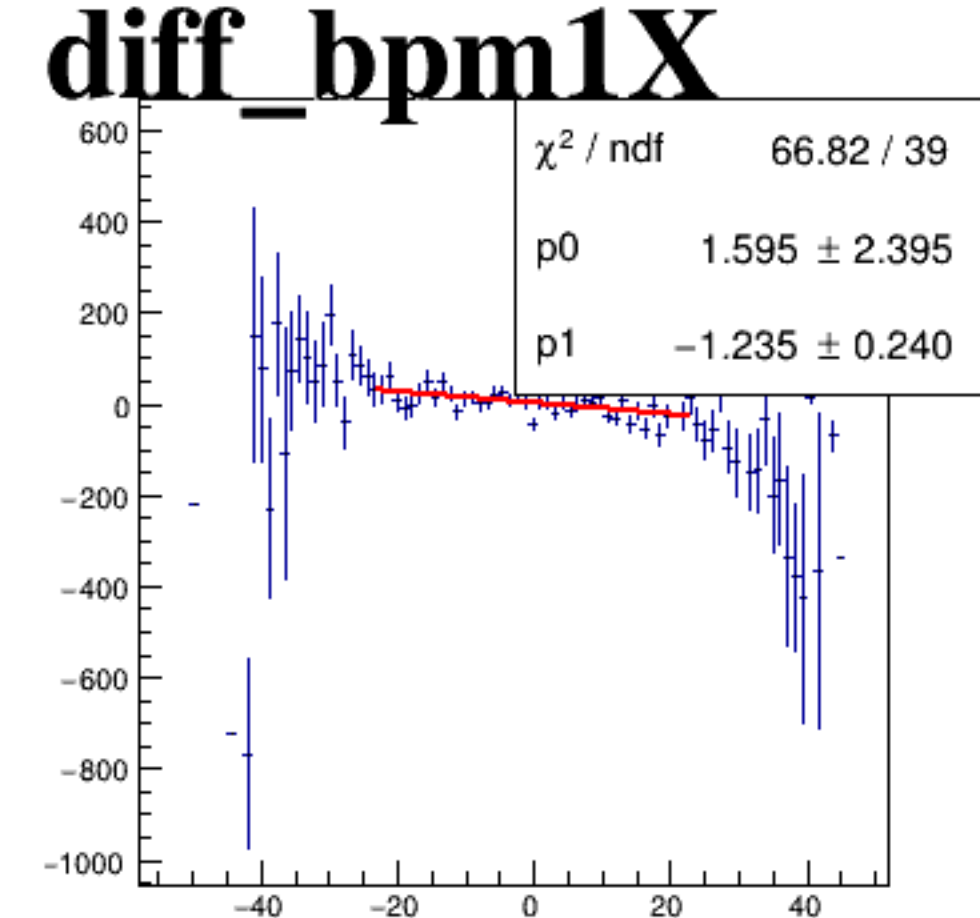
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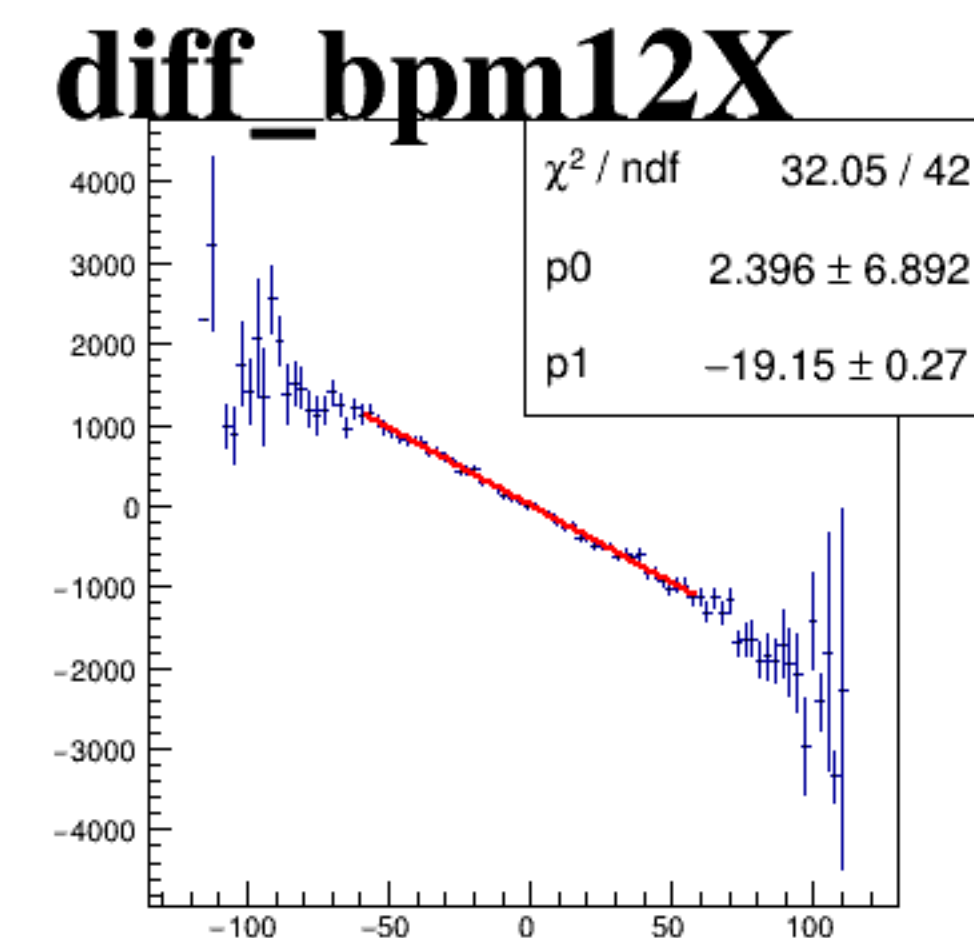
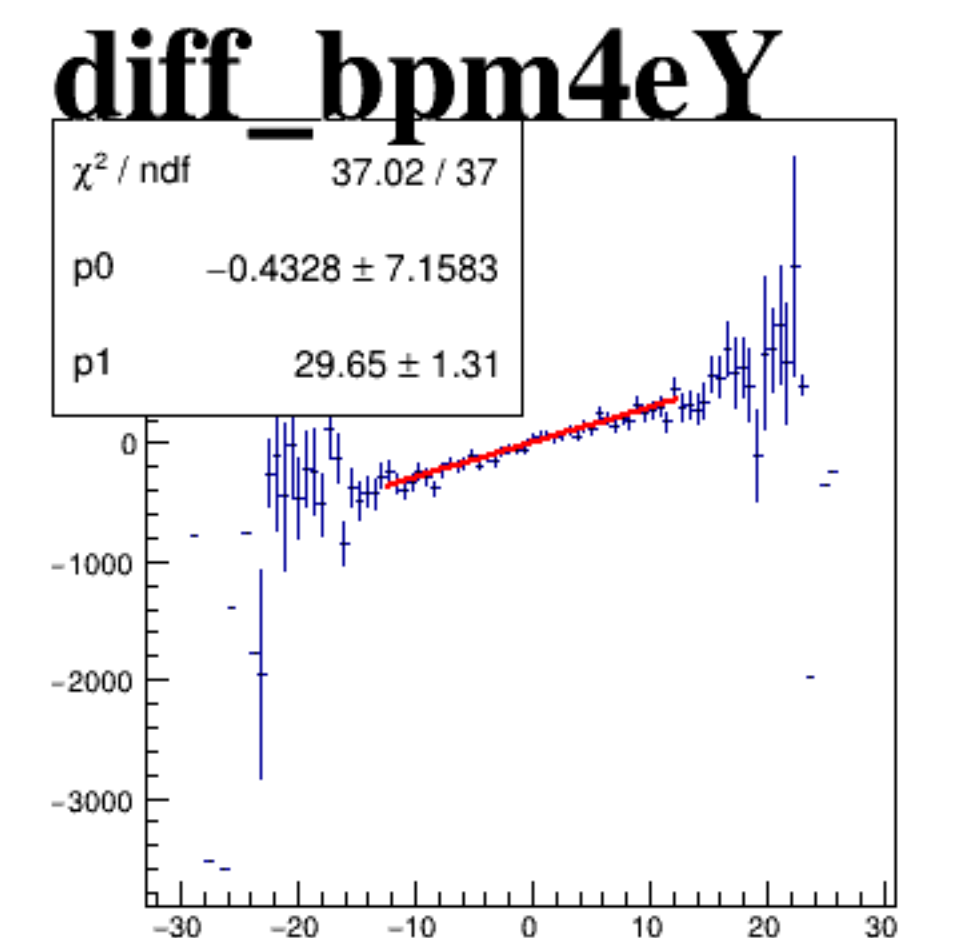
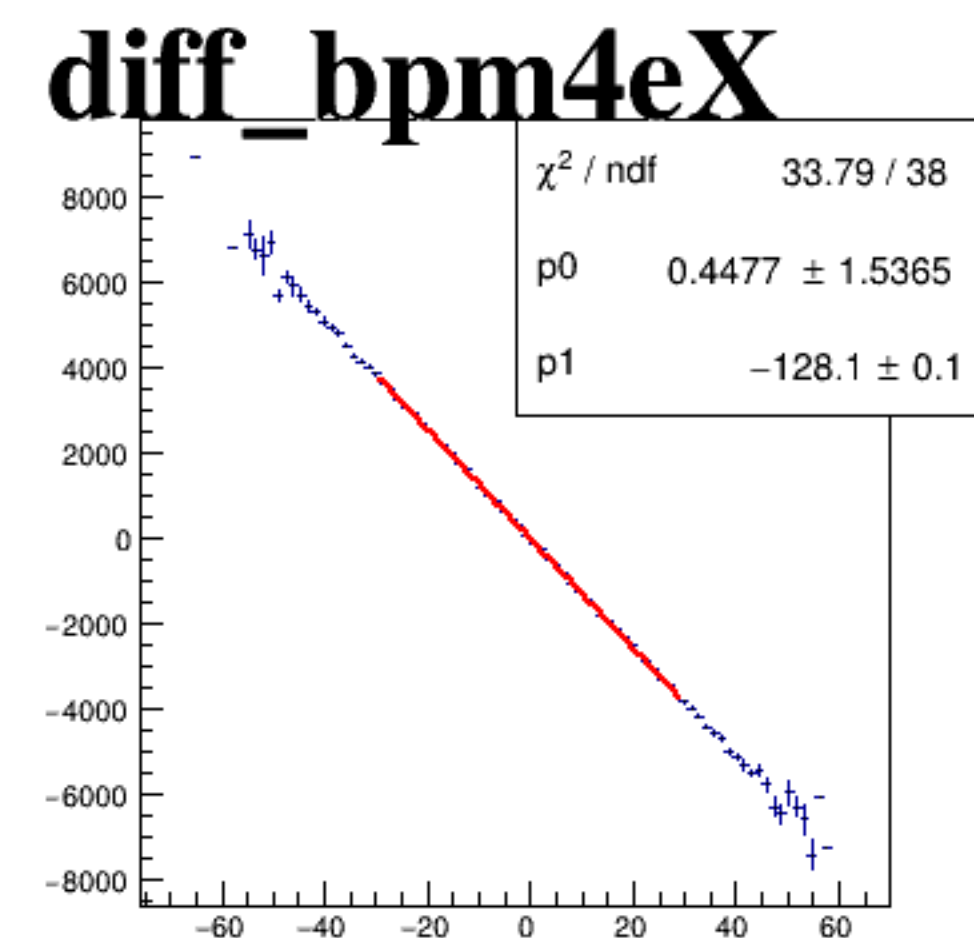
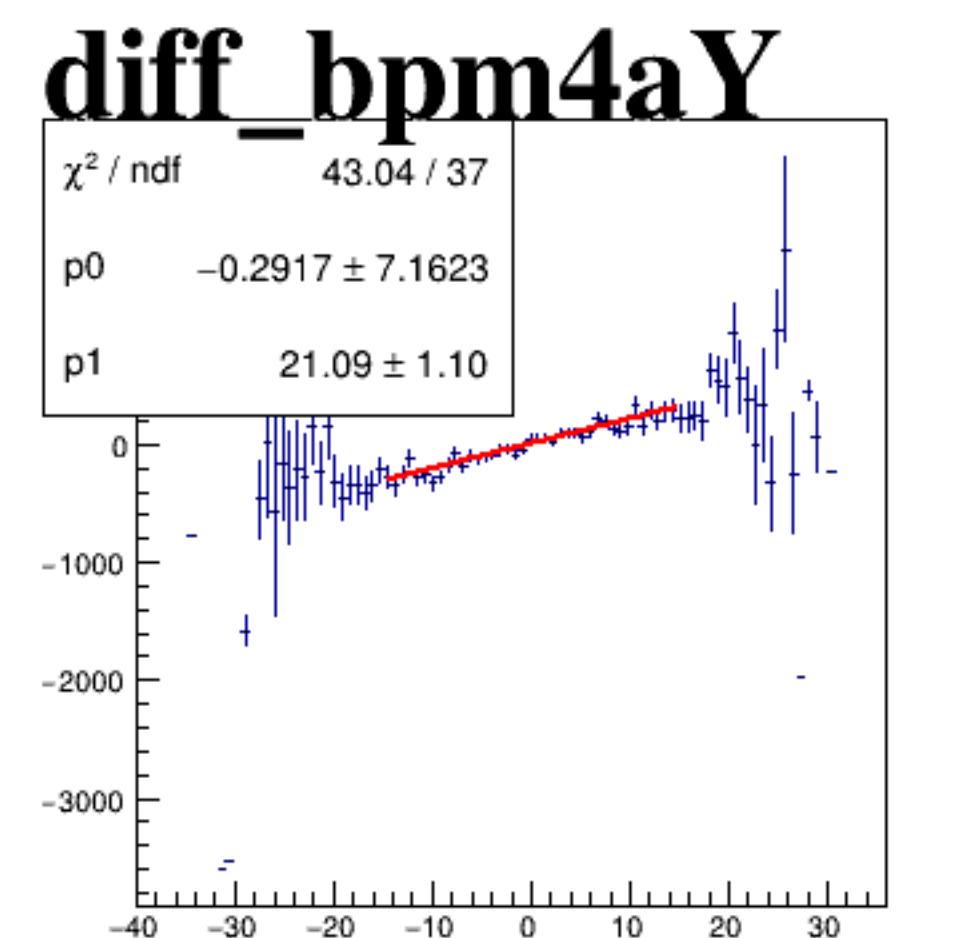
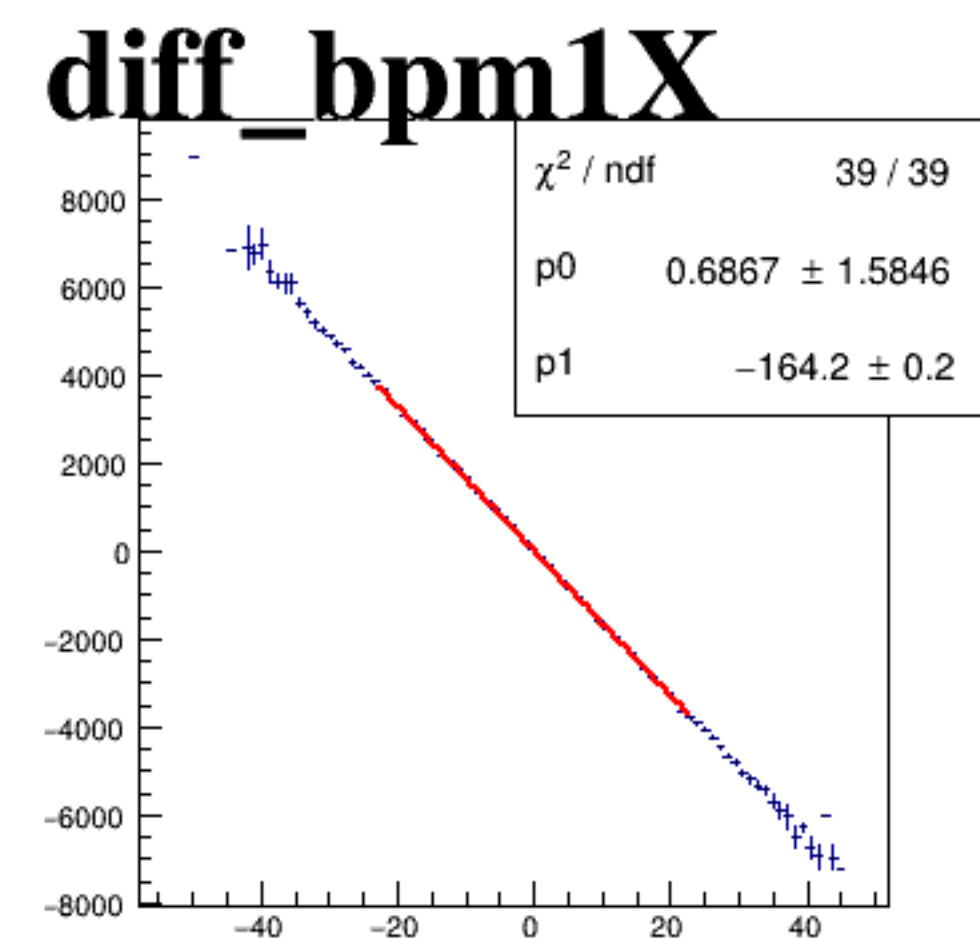
reg_asym_sam7



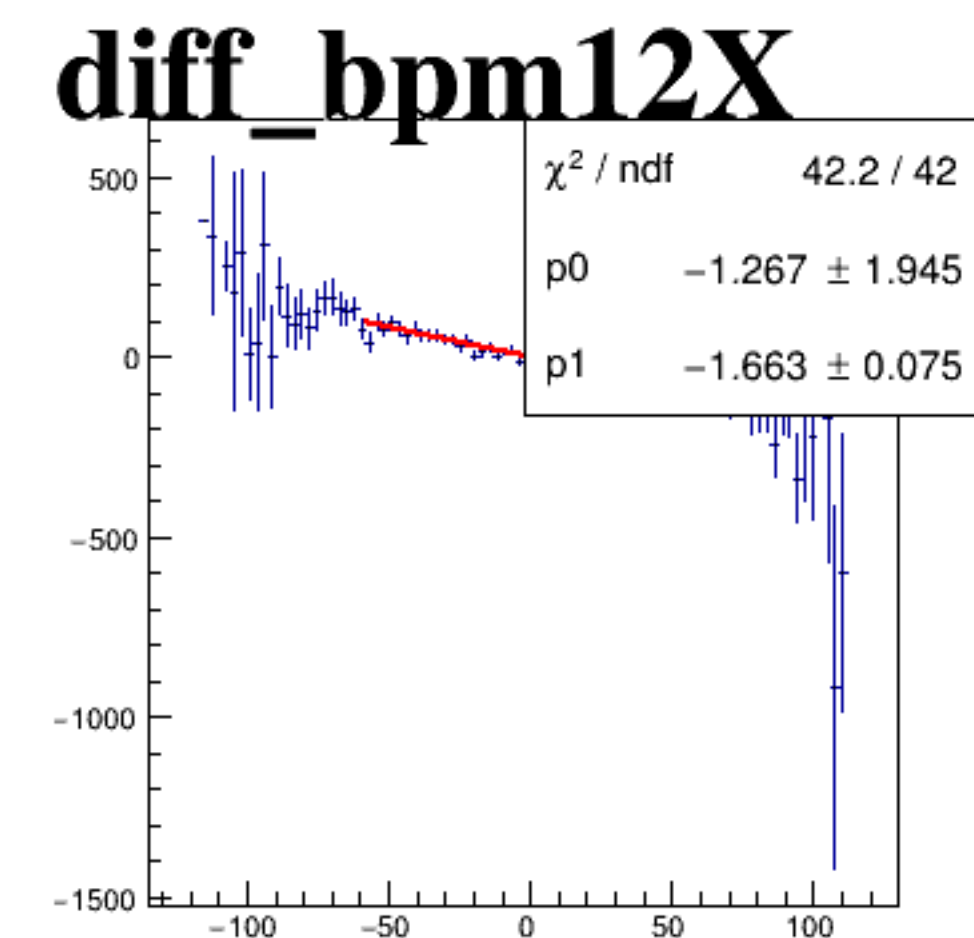
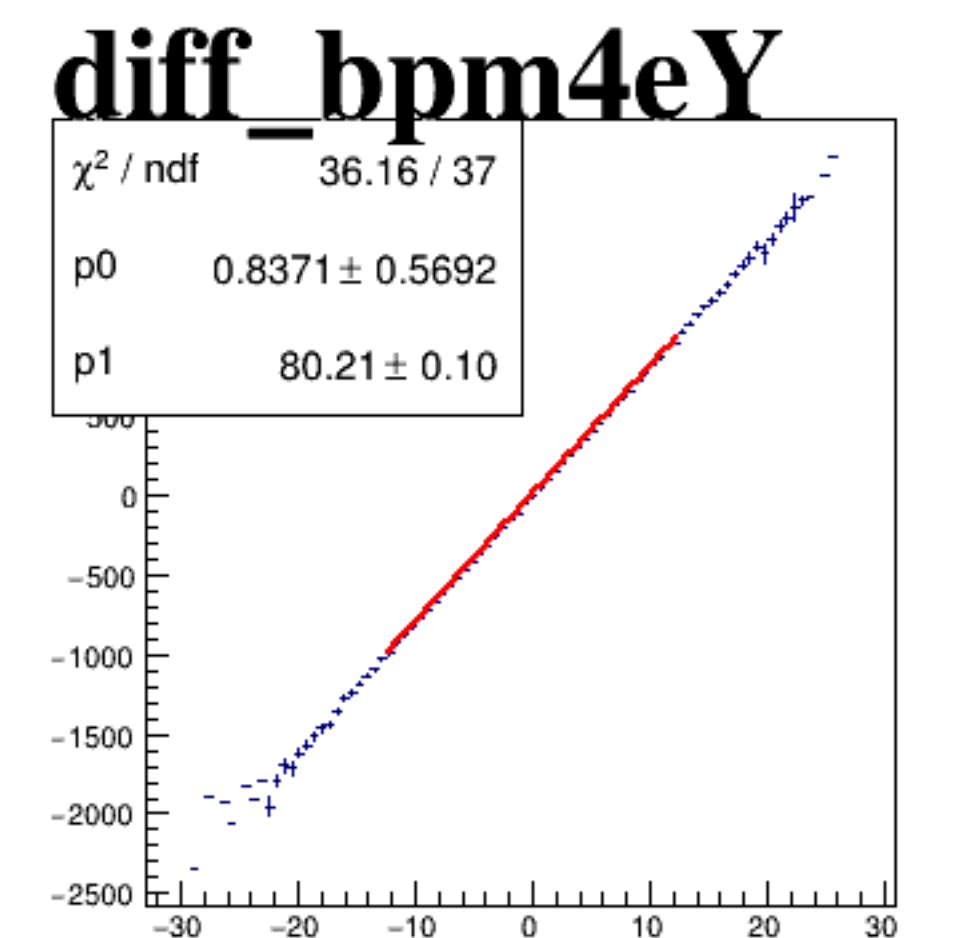
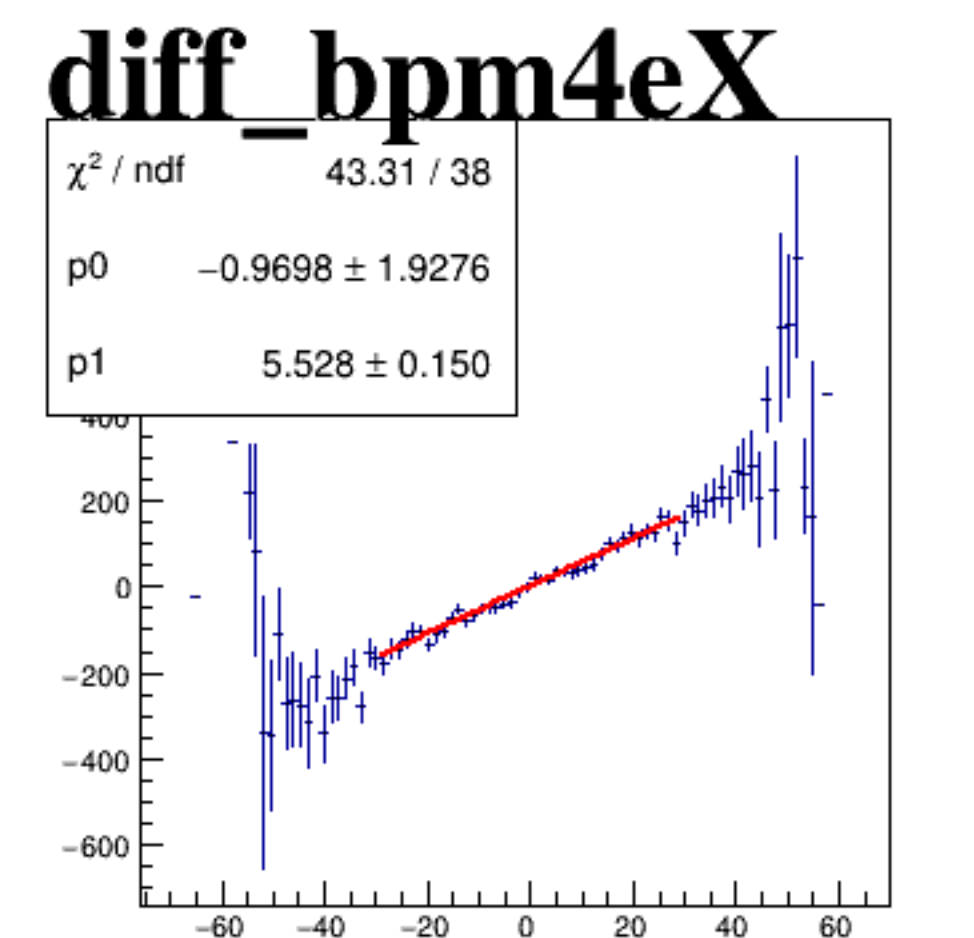
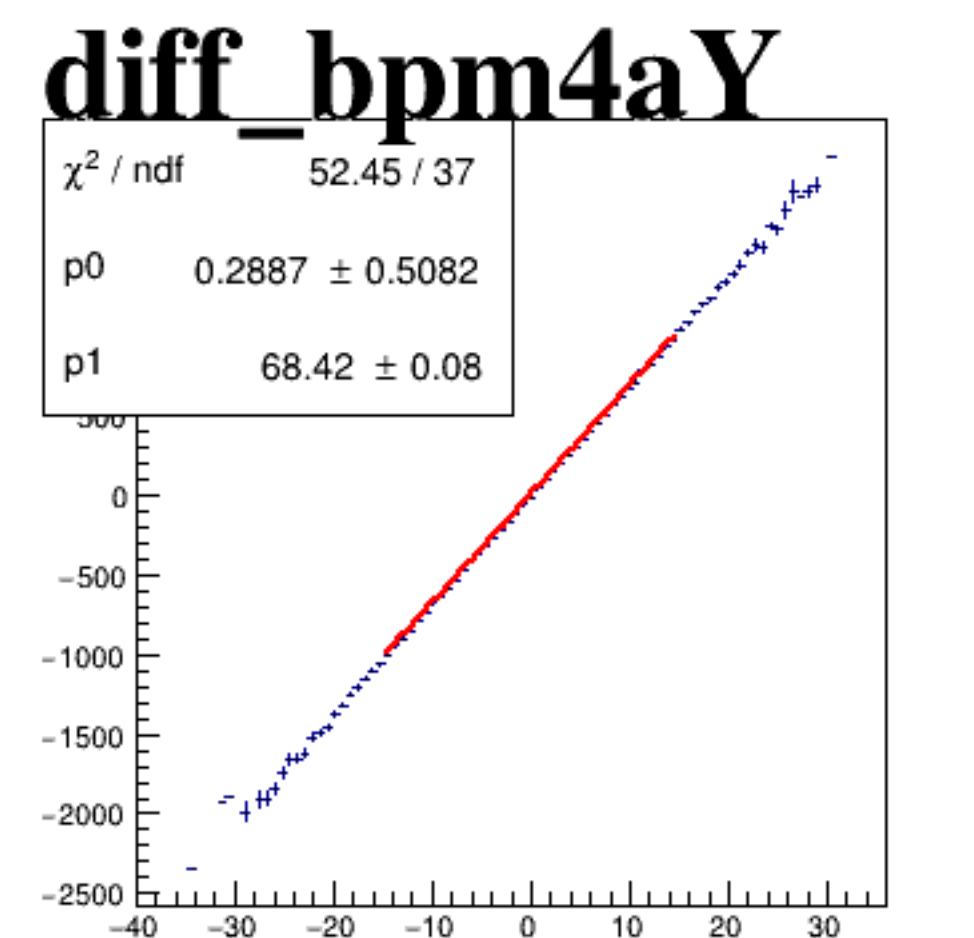
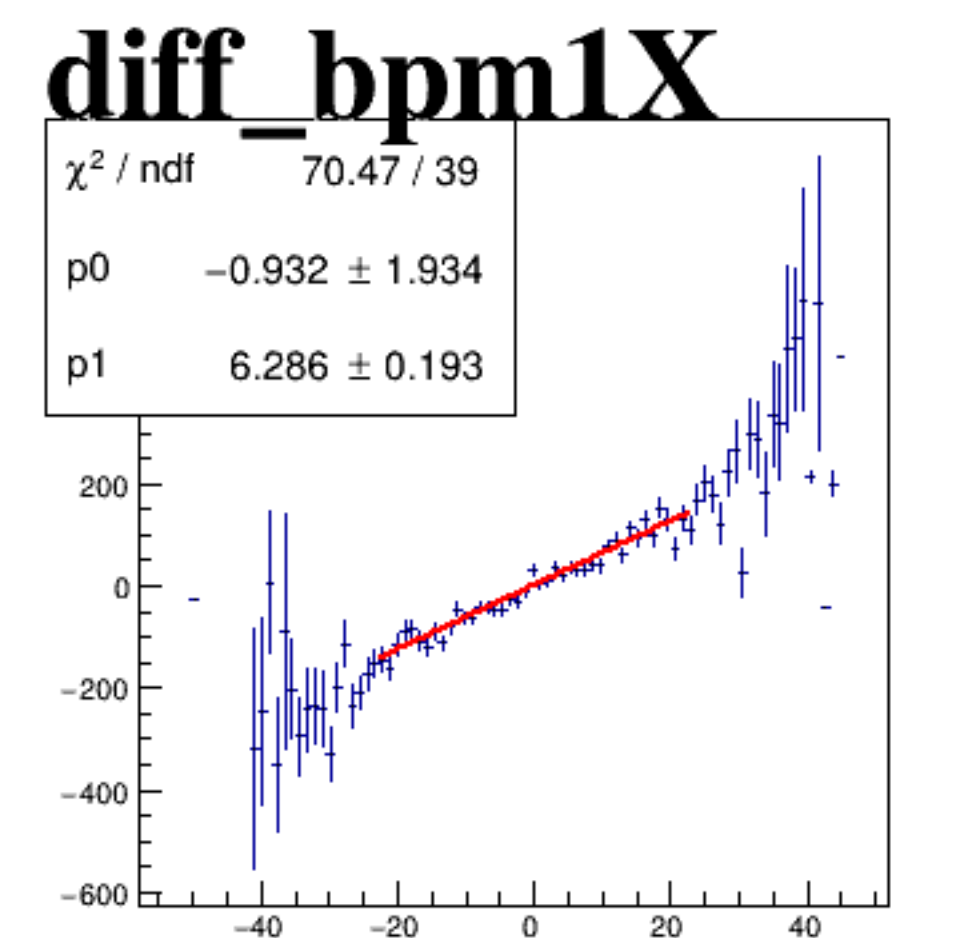
asym_sam1



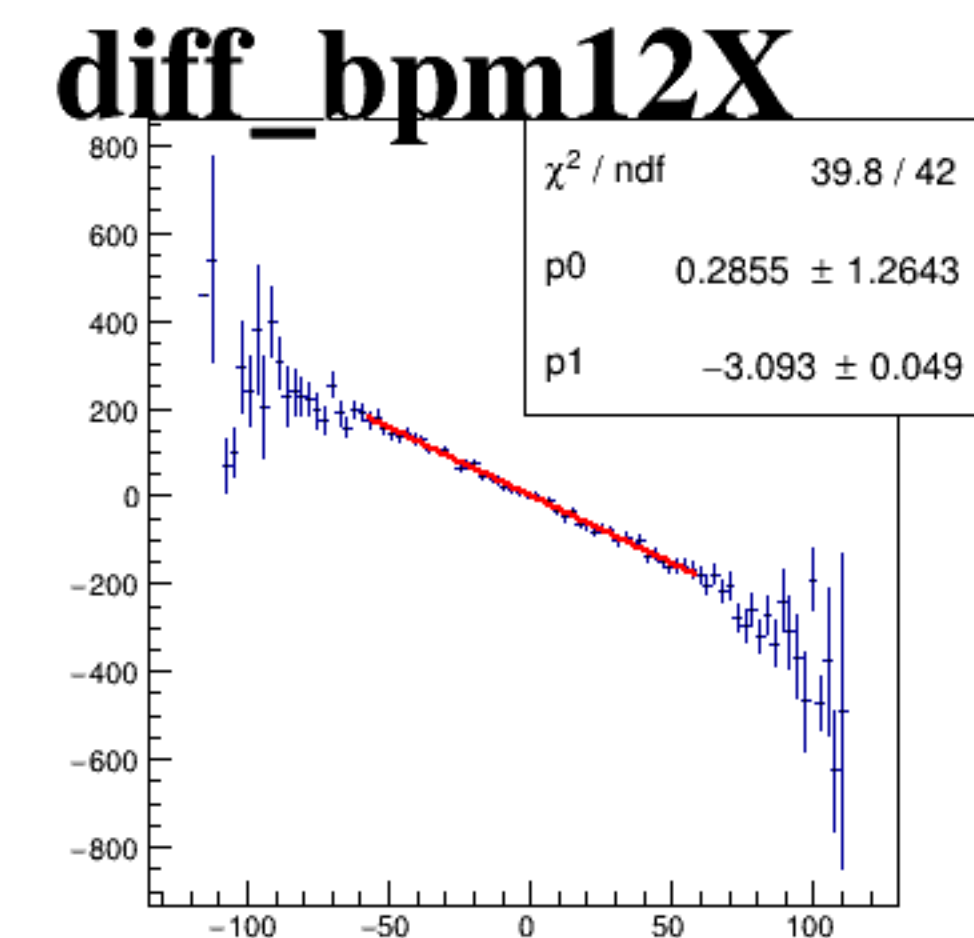
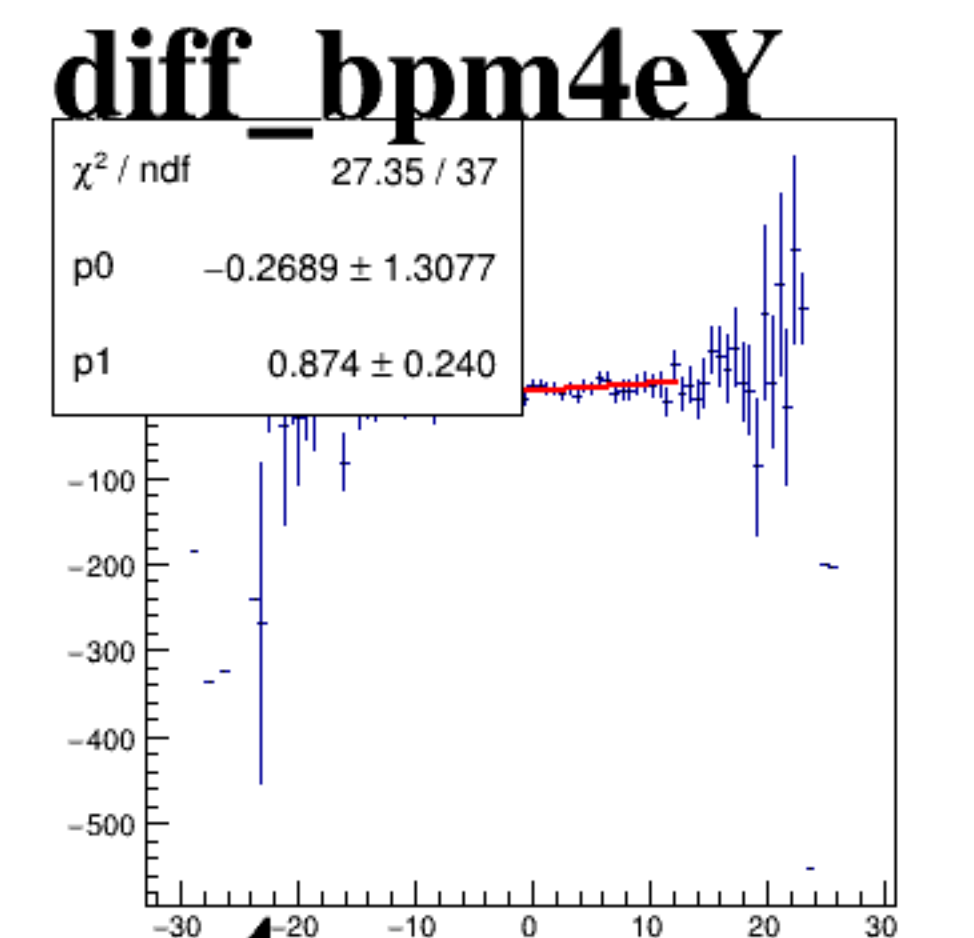
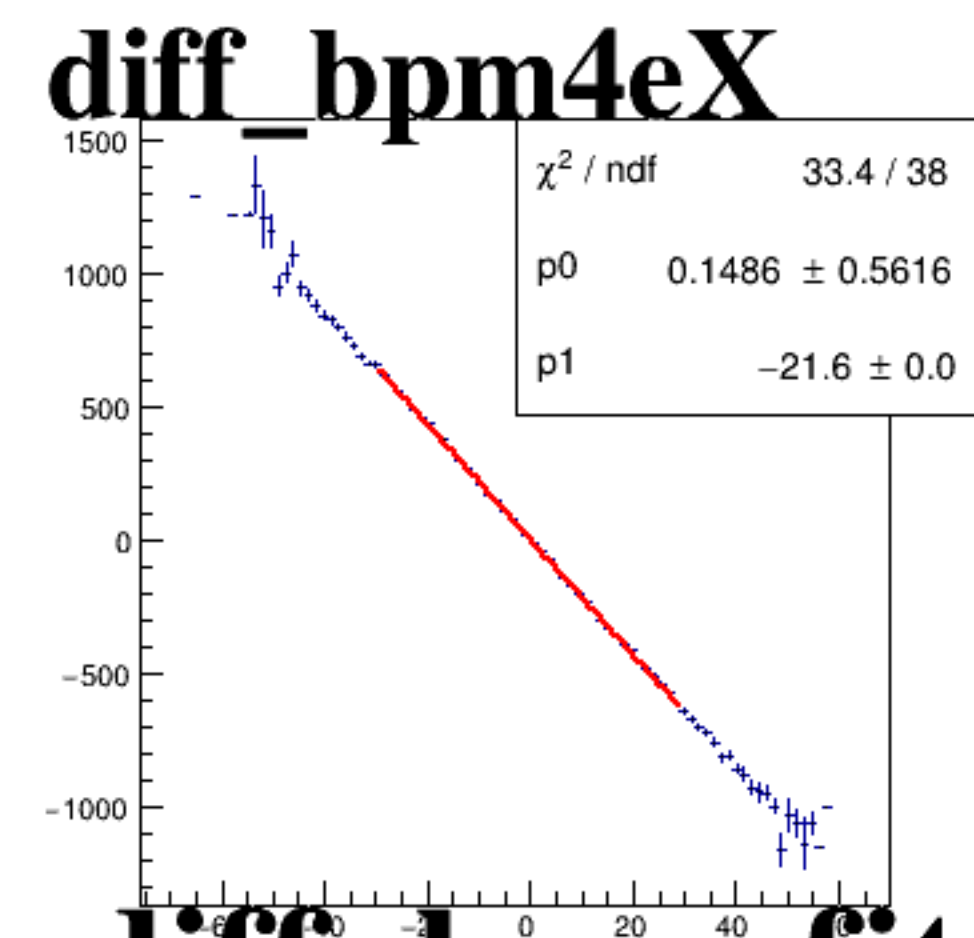
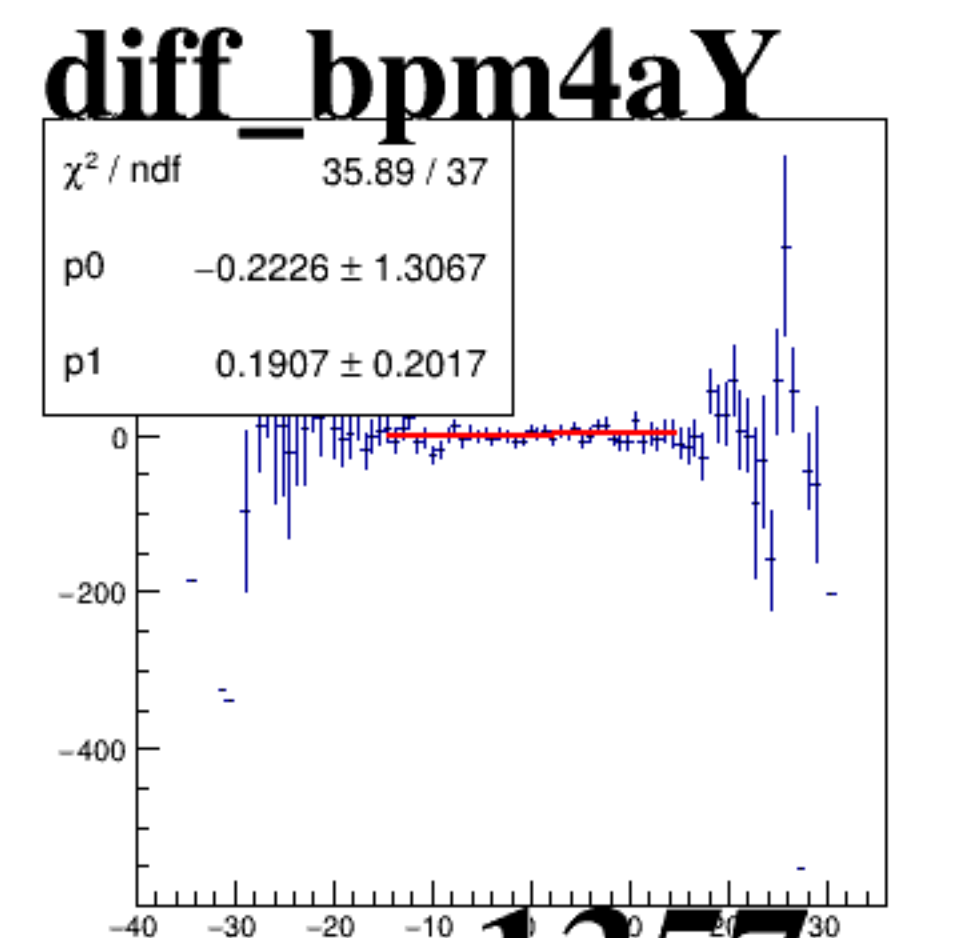
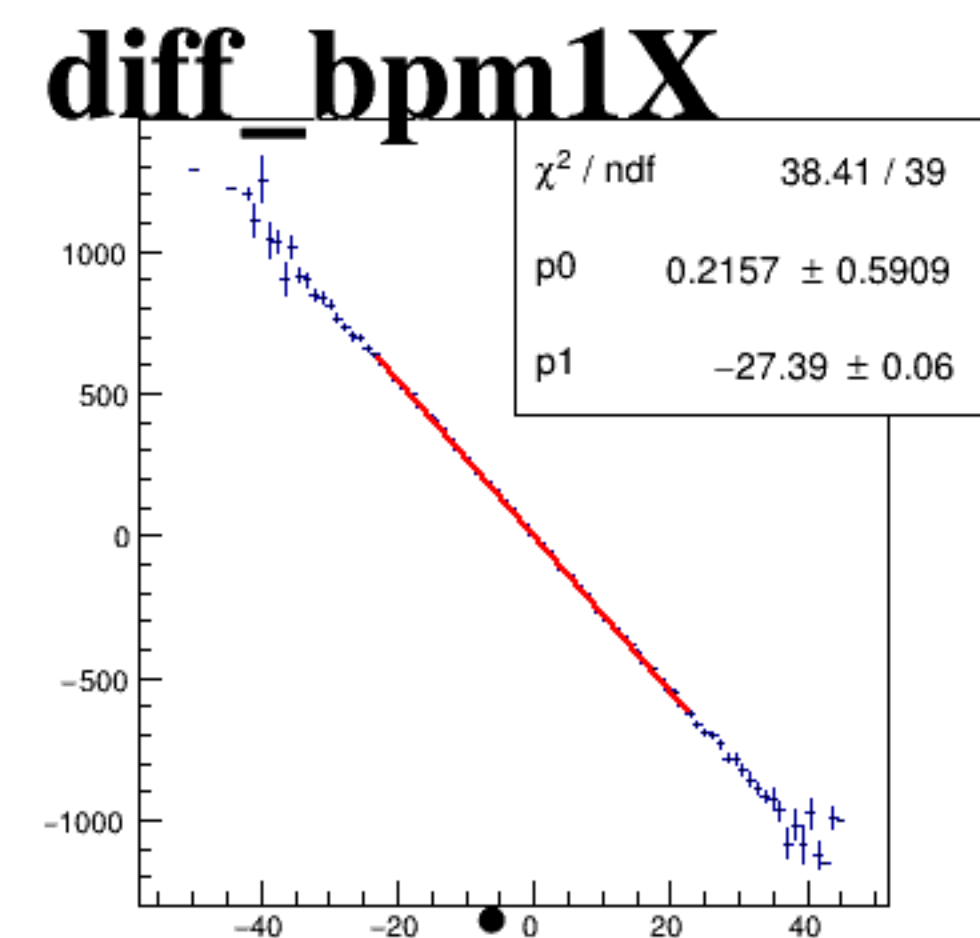
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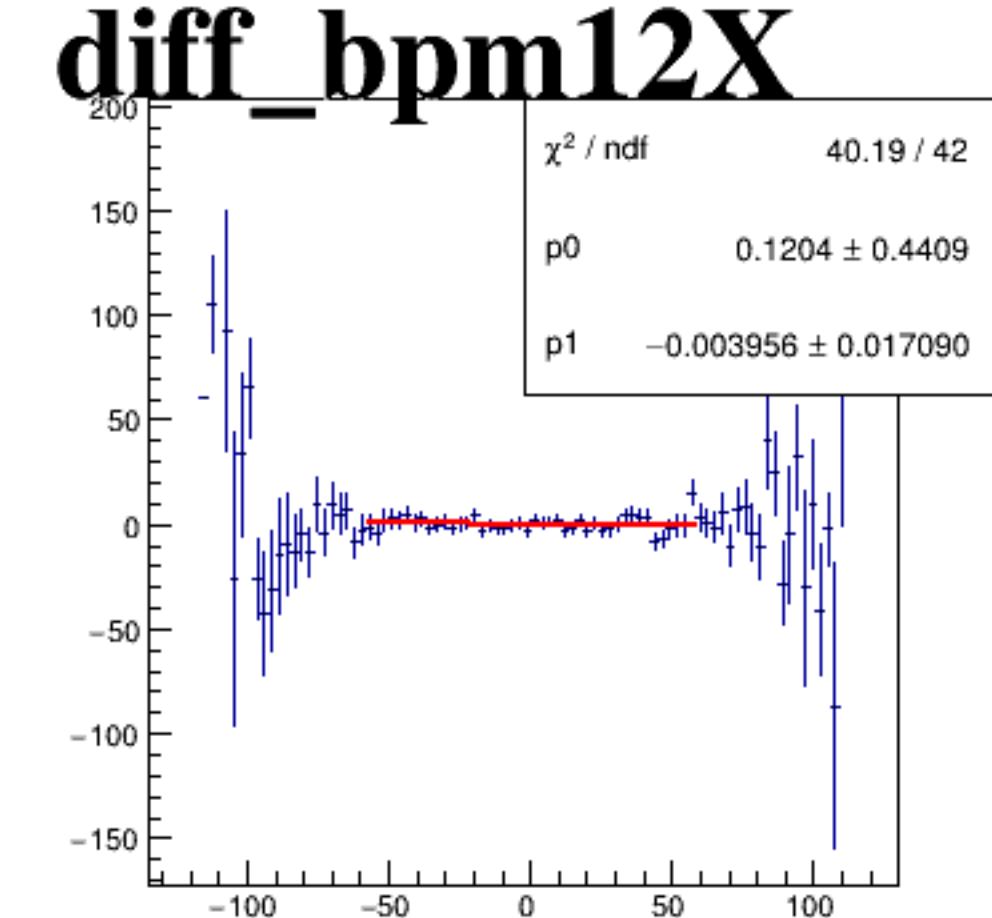
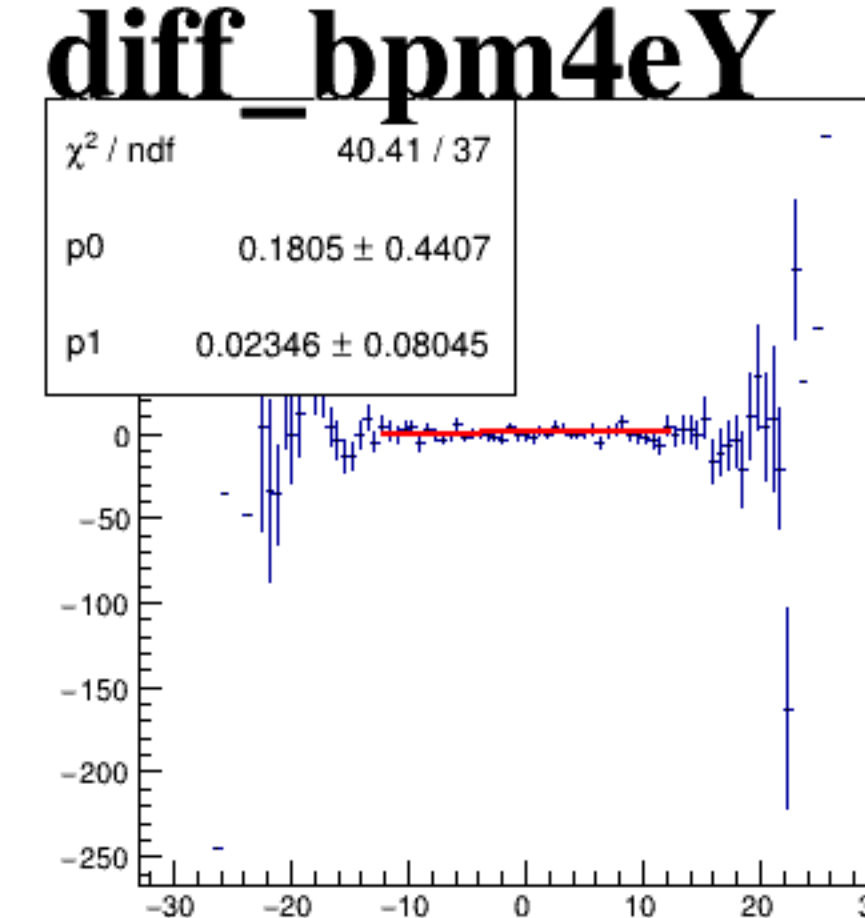
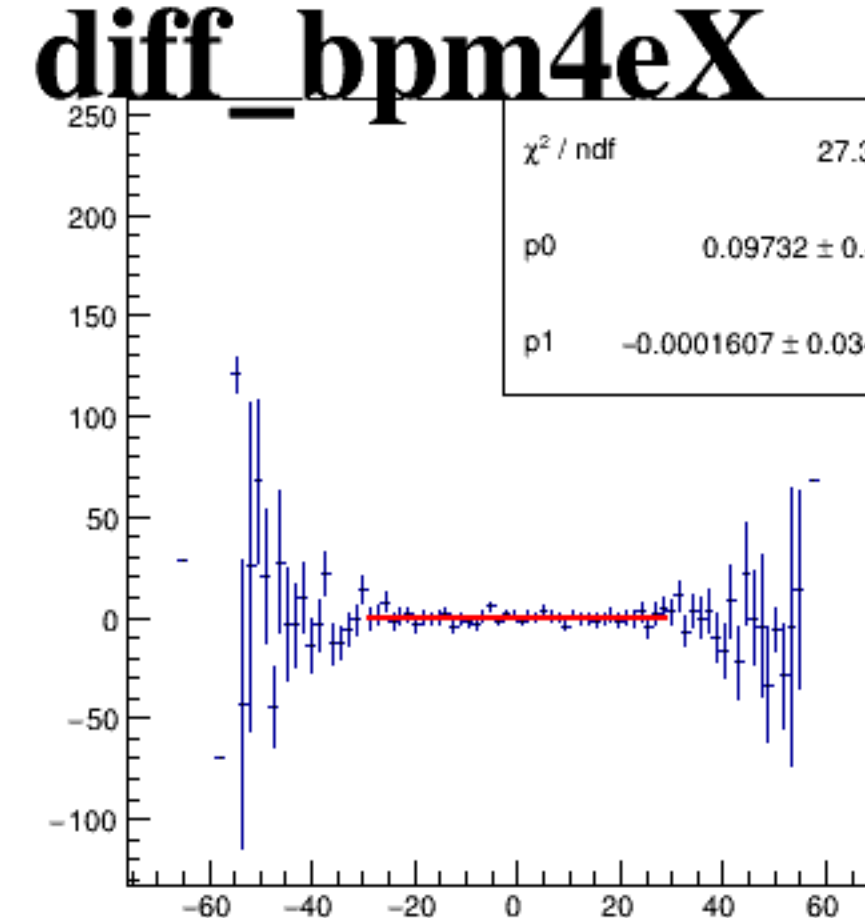
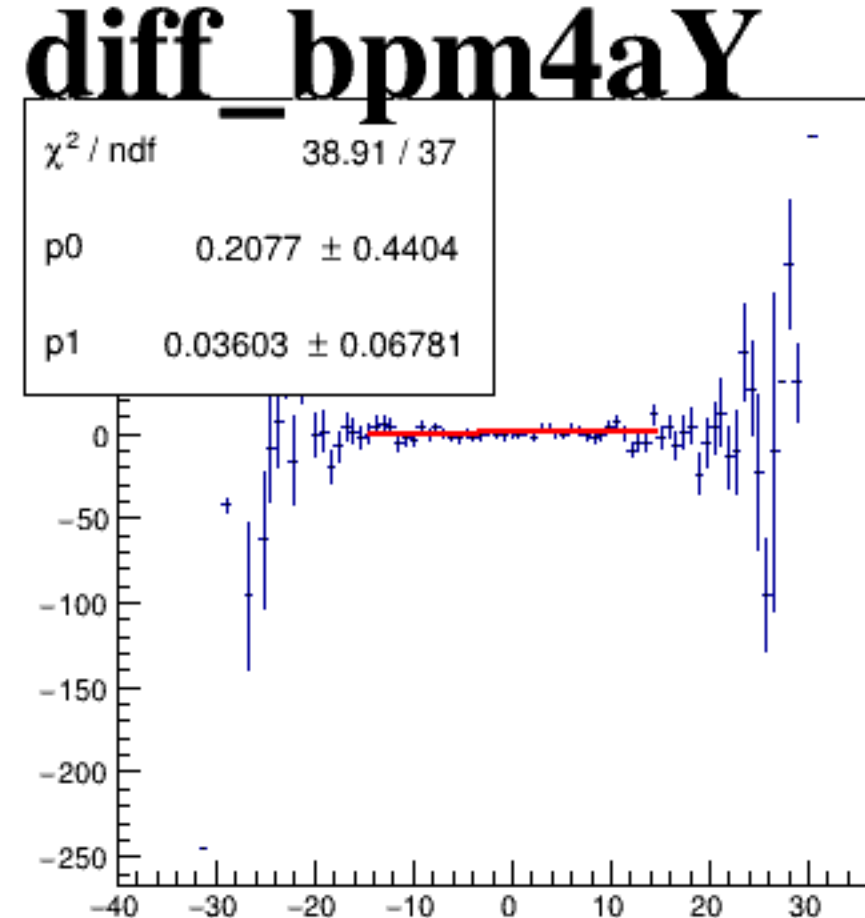
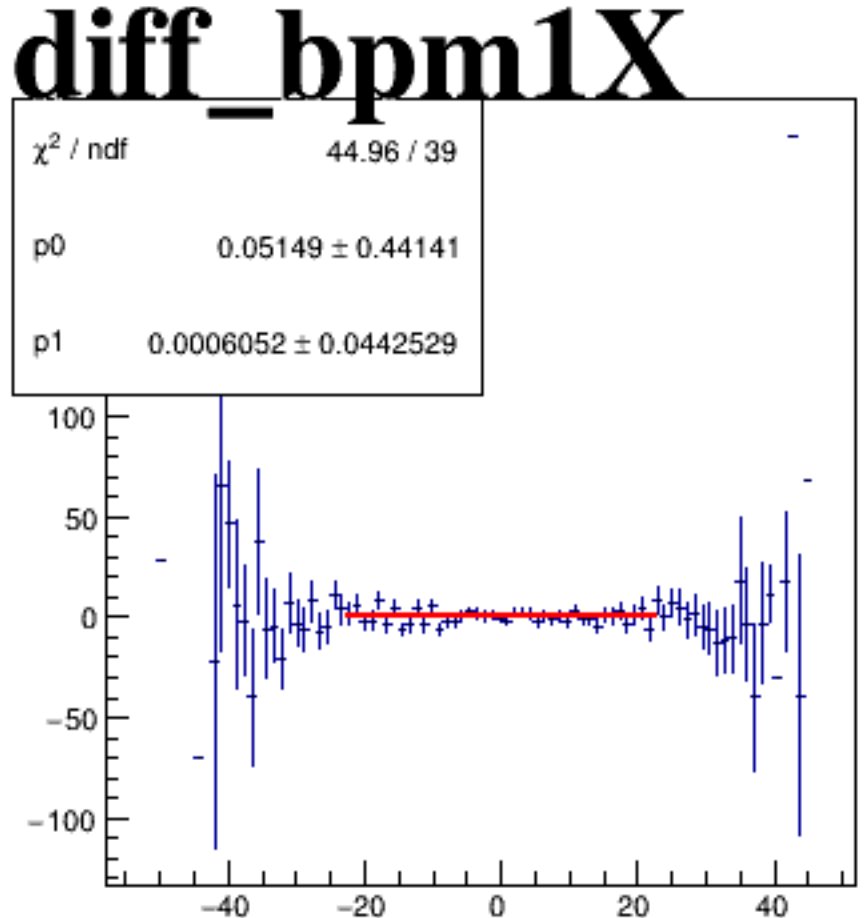
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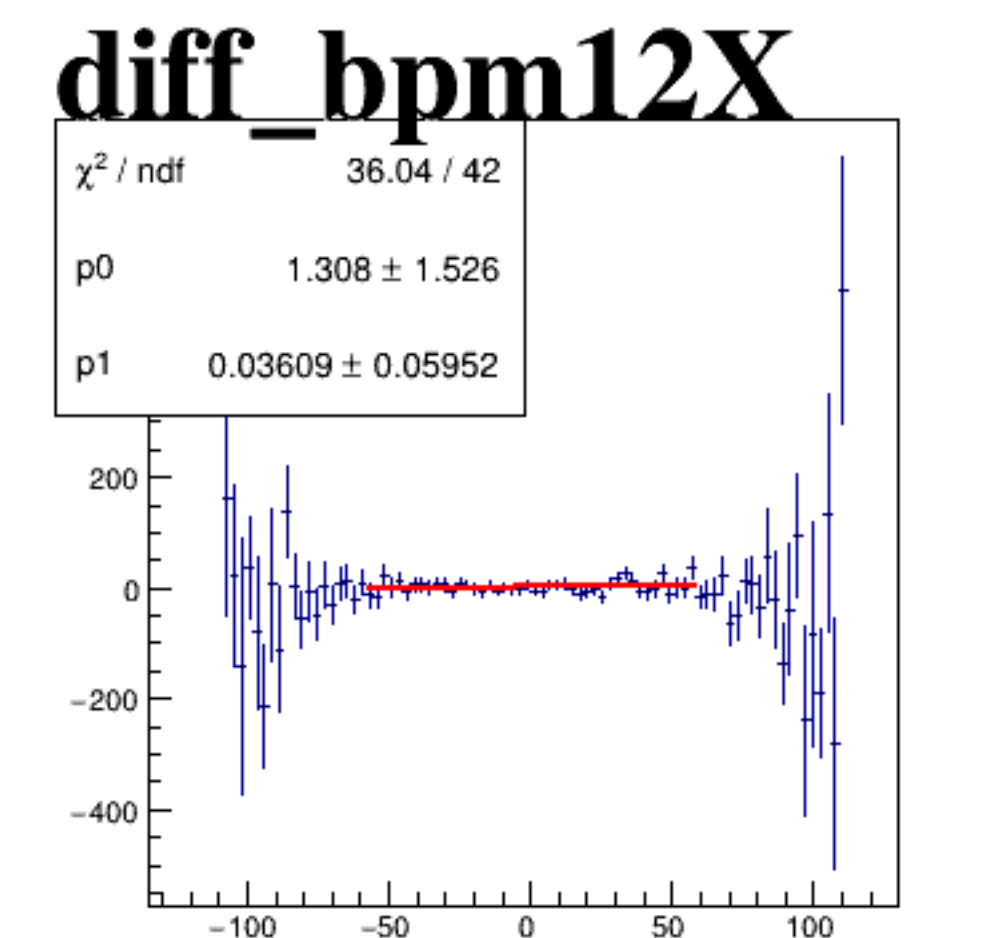
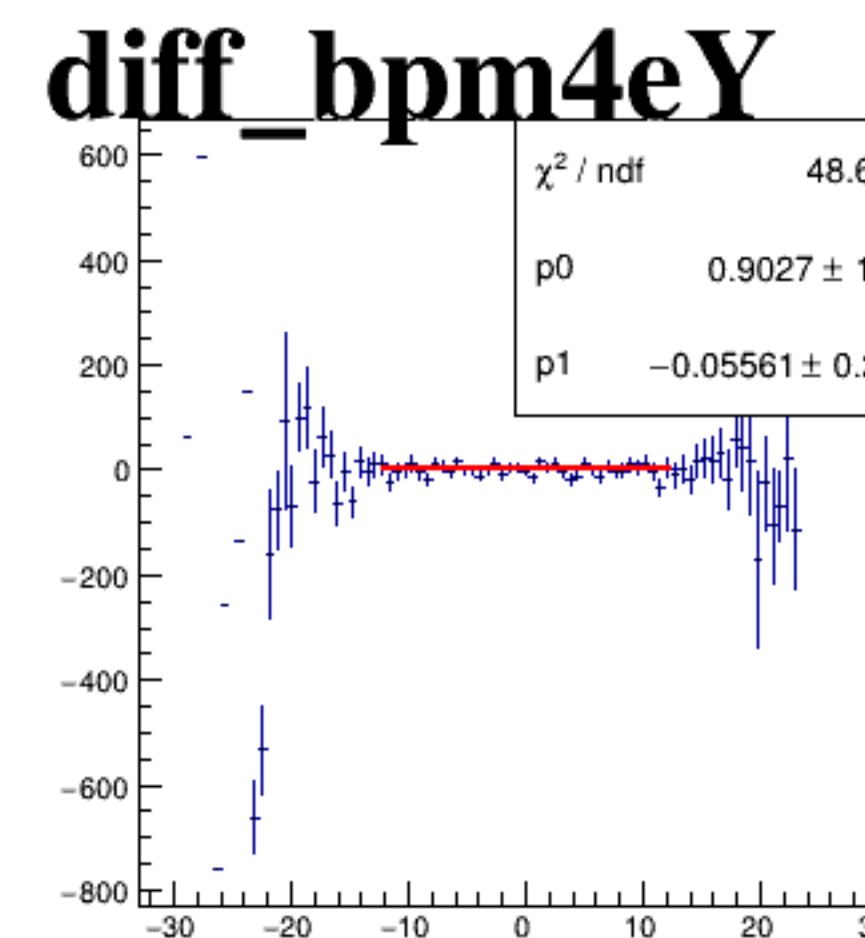
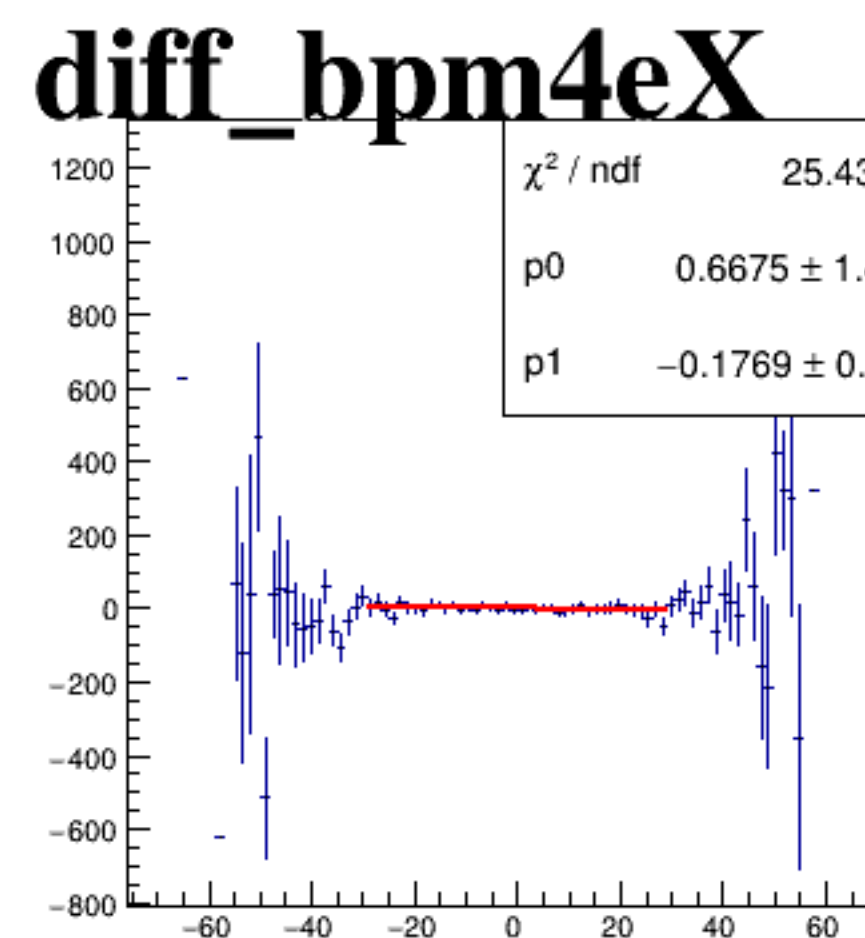
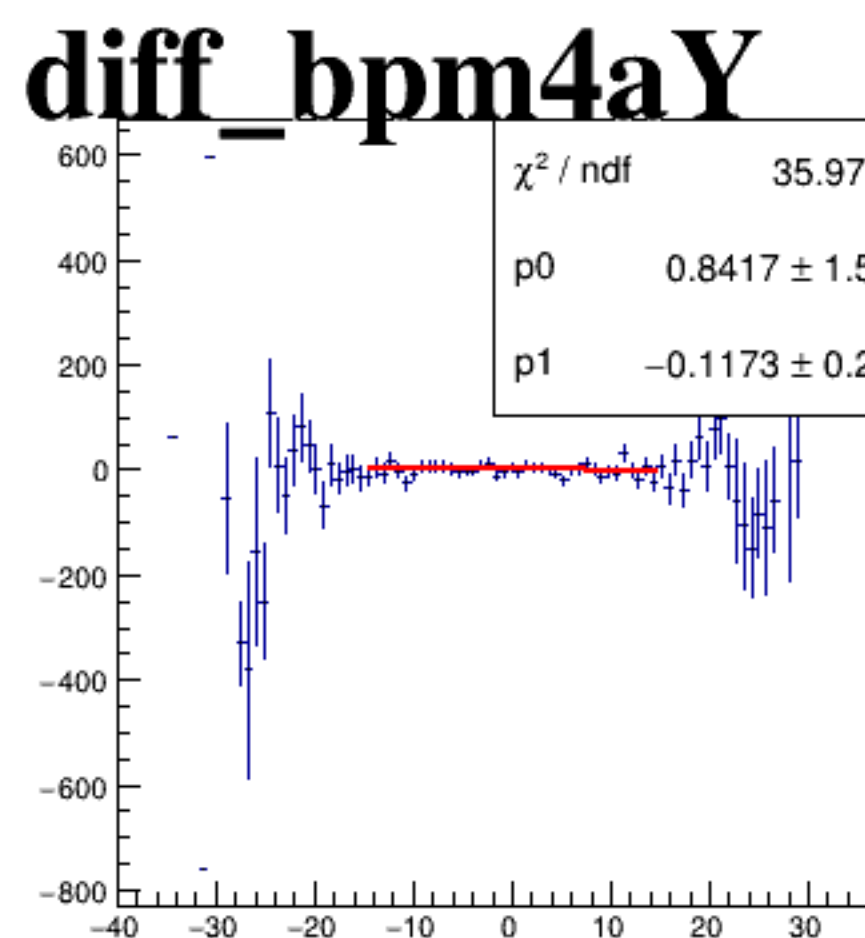
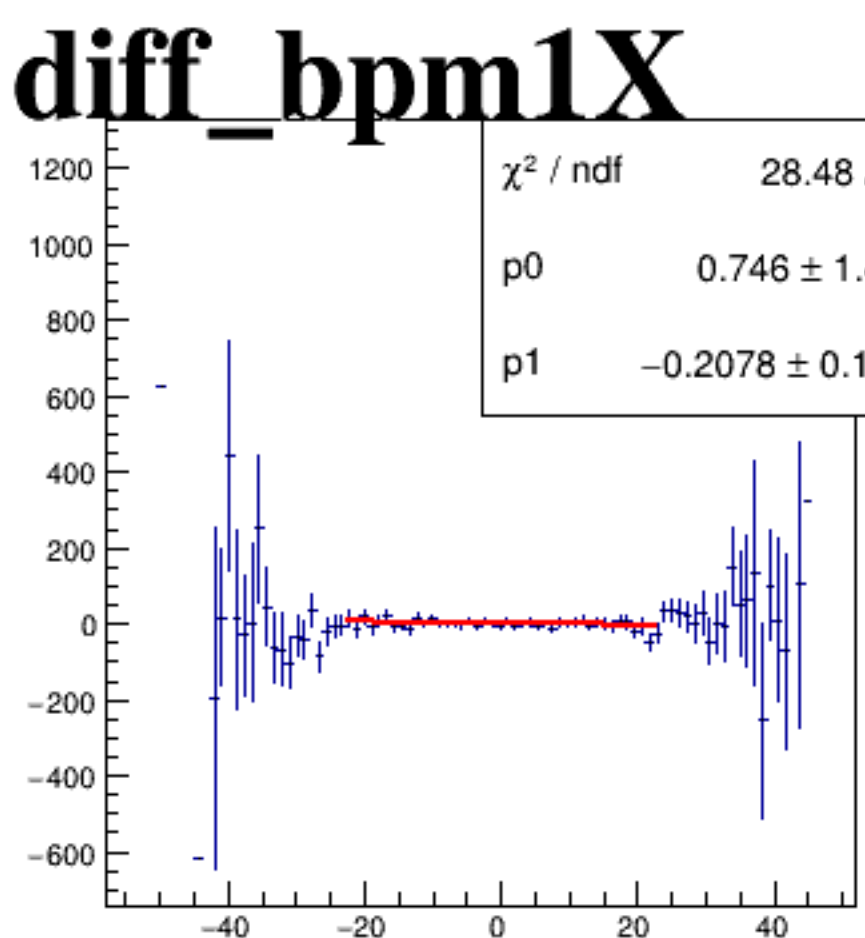
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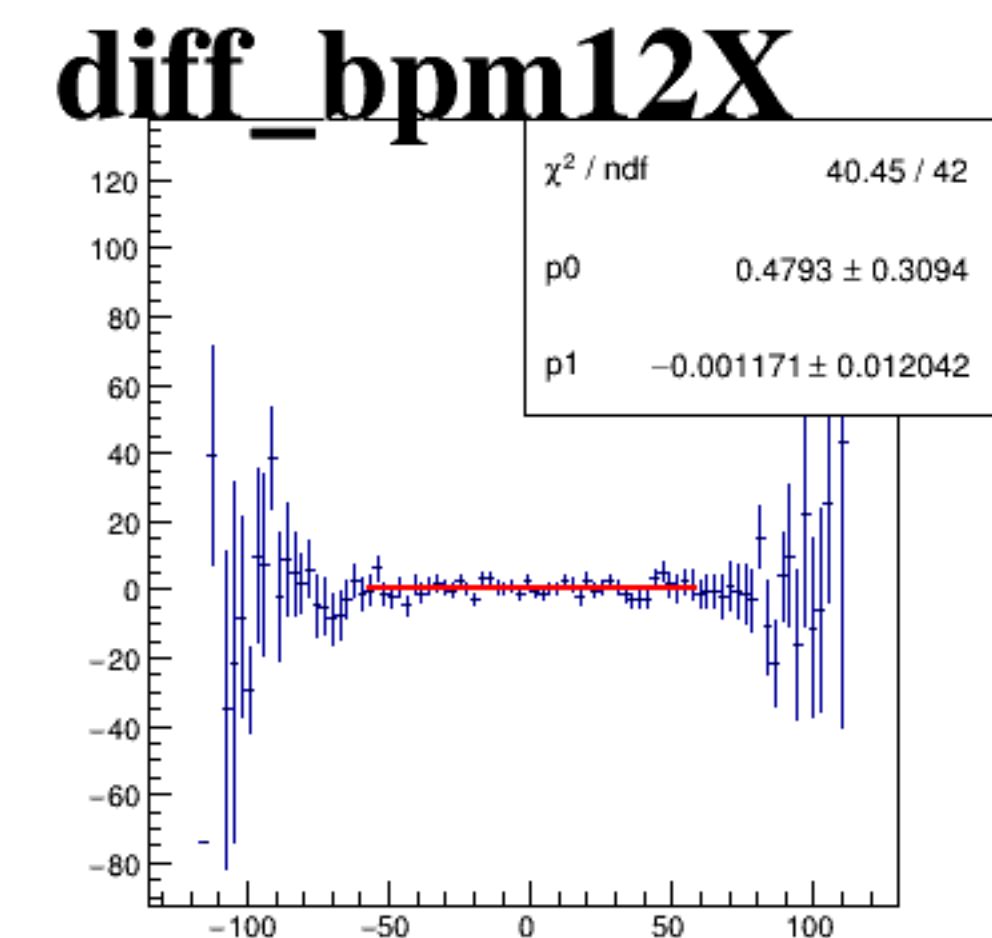
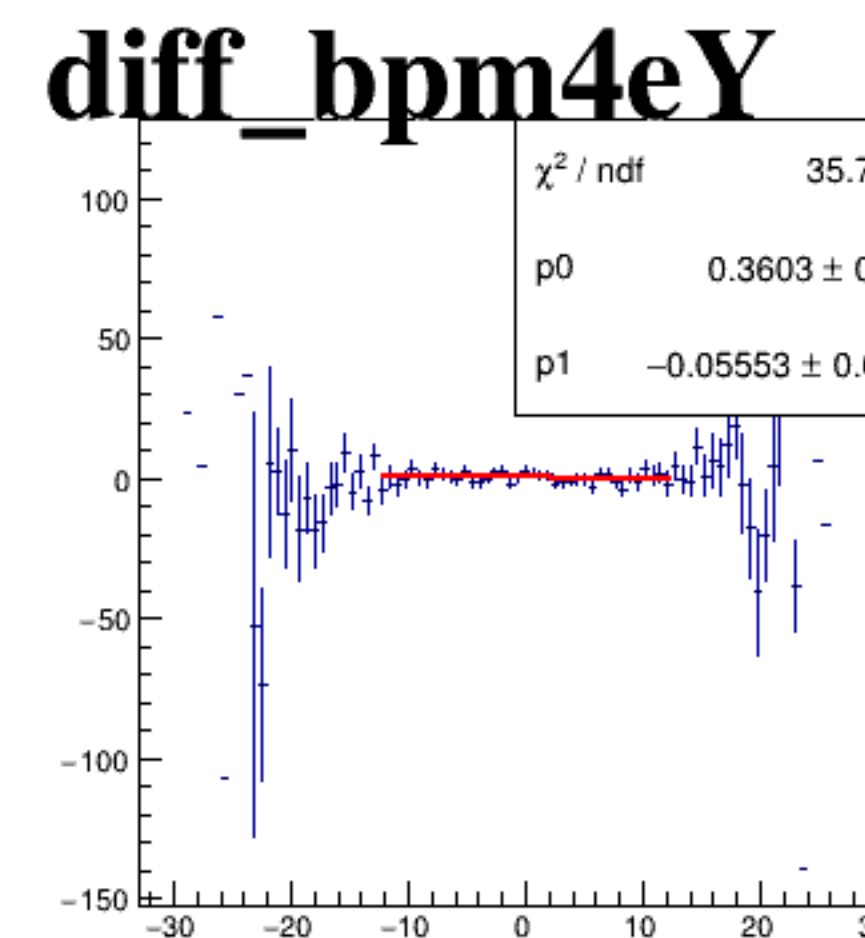
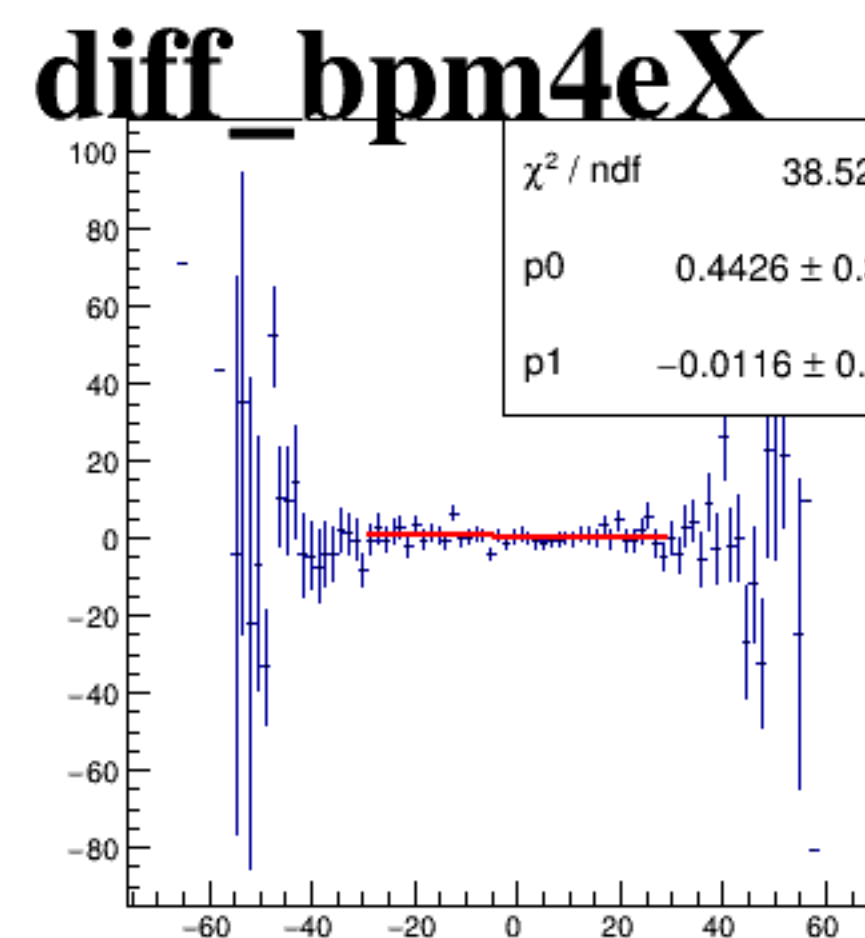
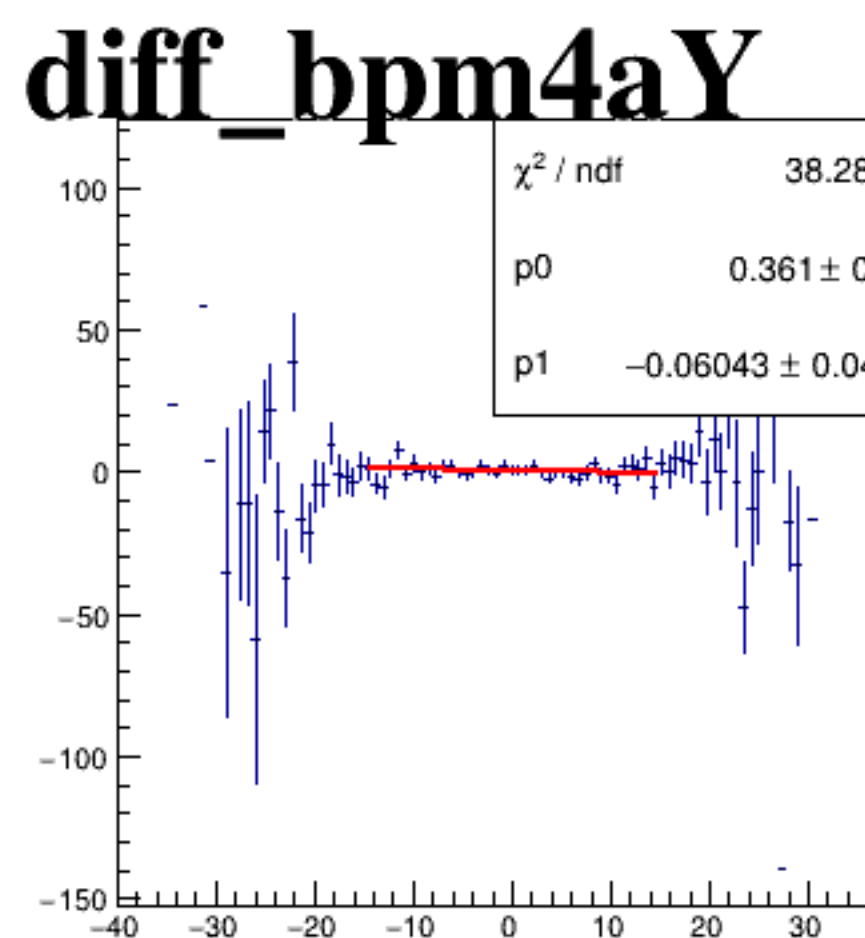
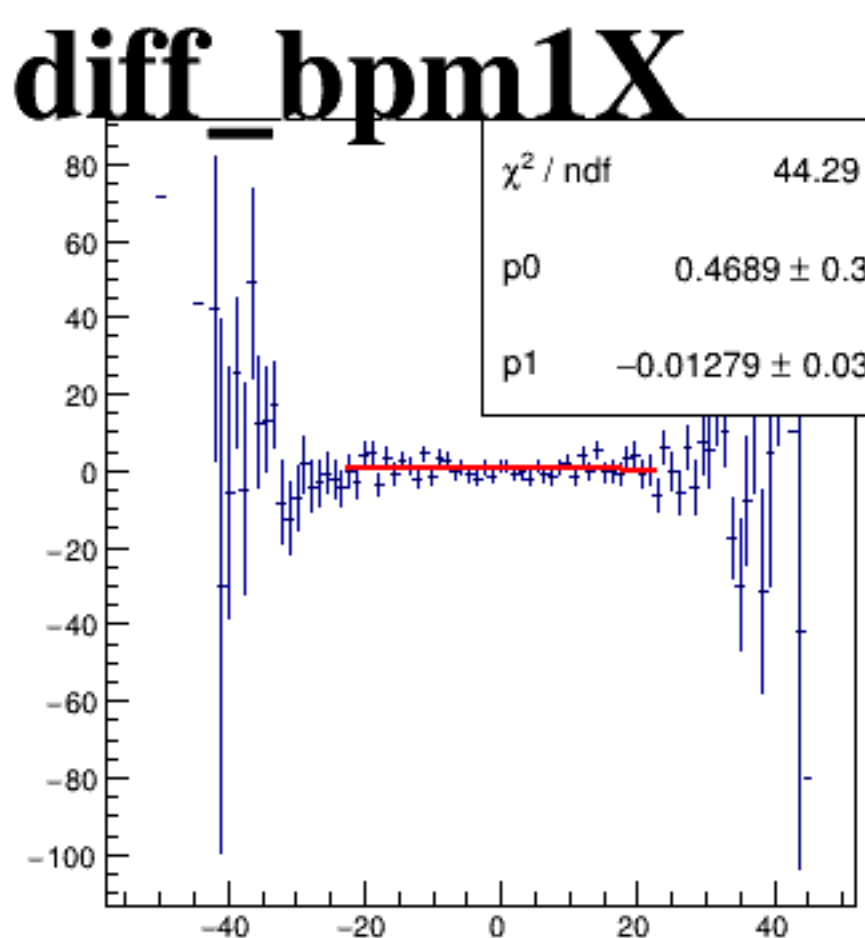
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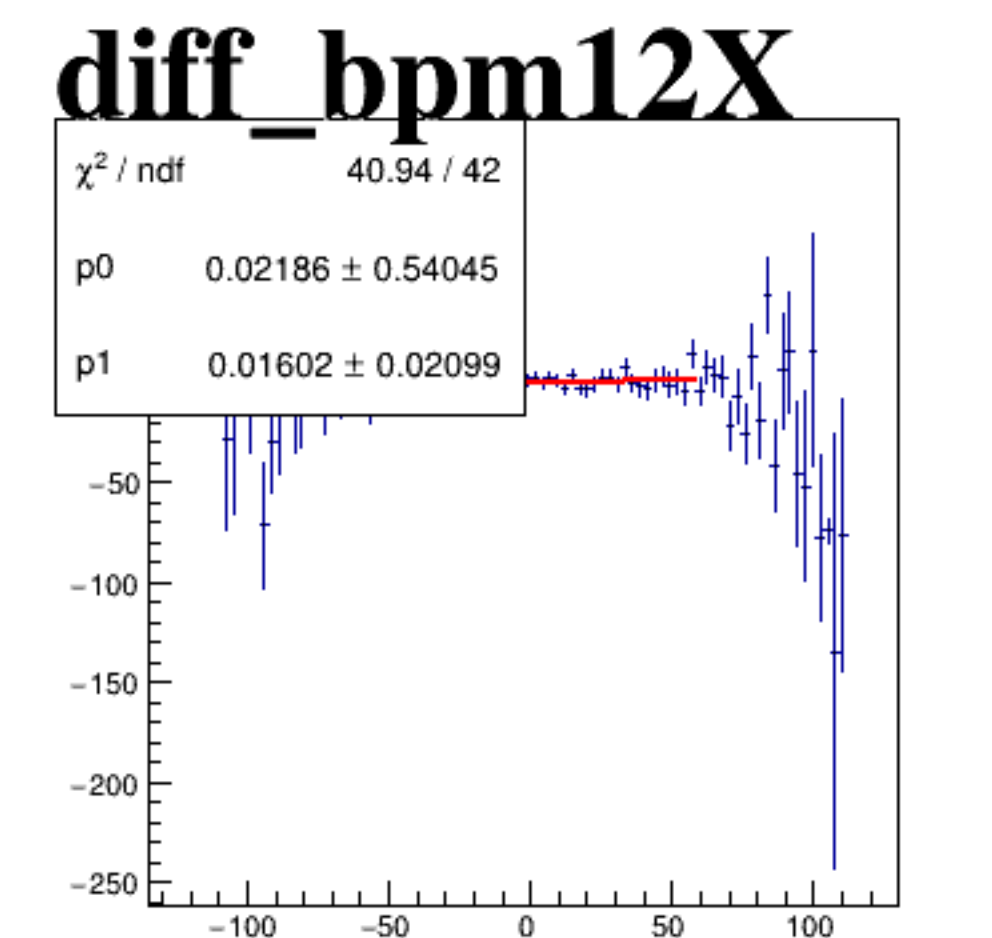
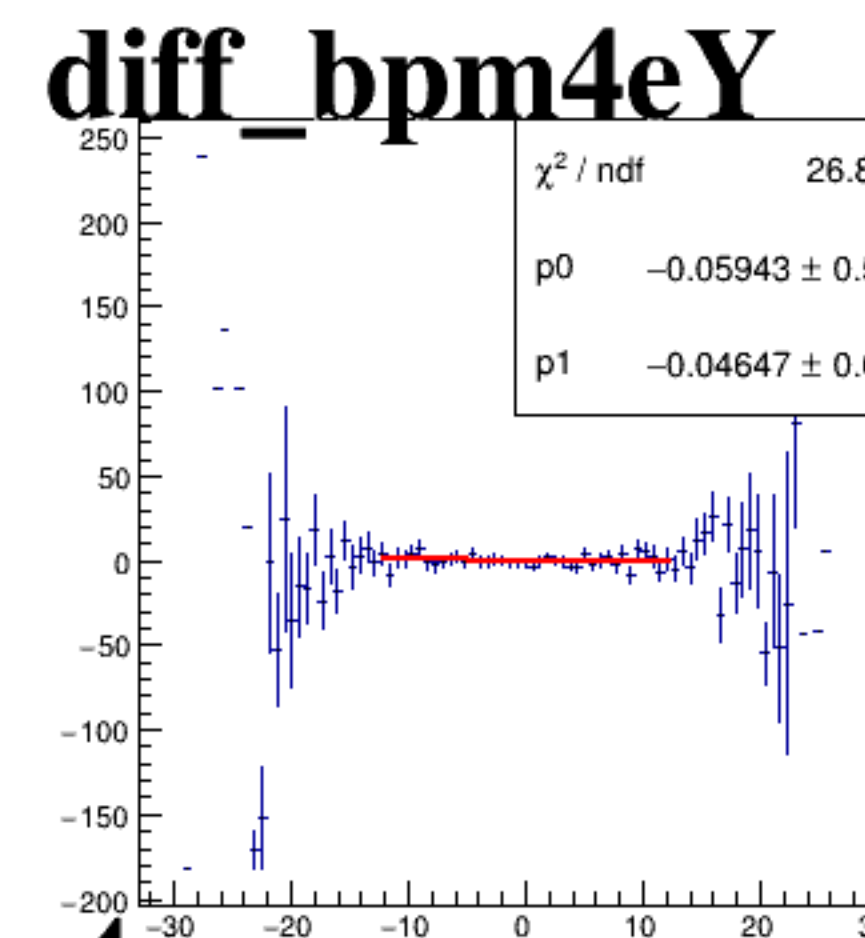
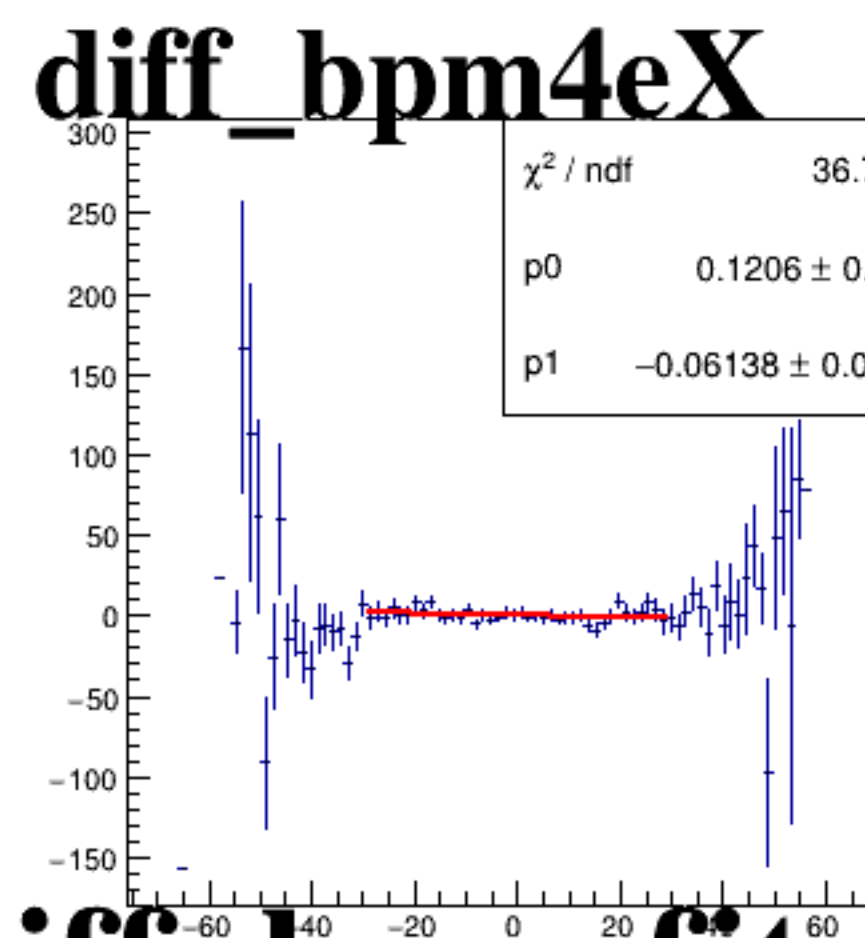
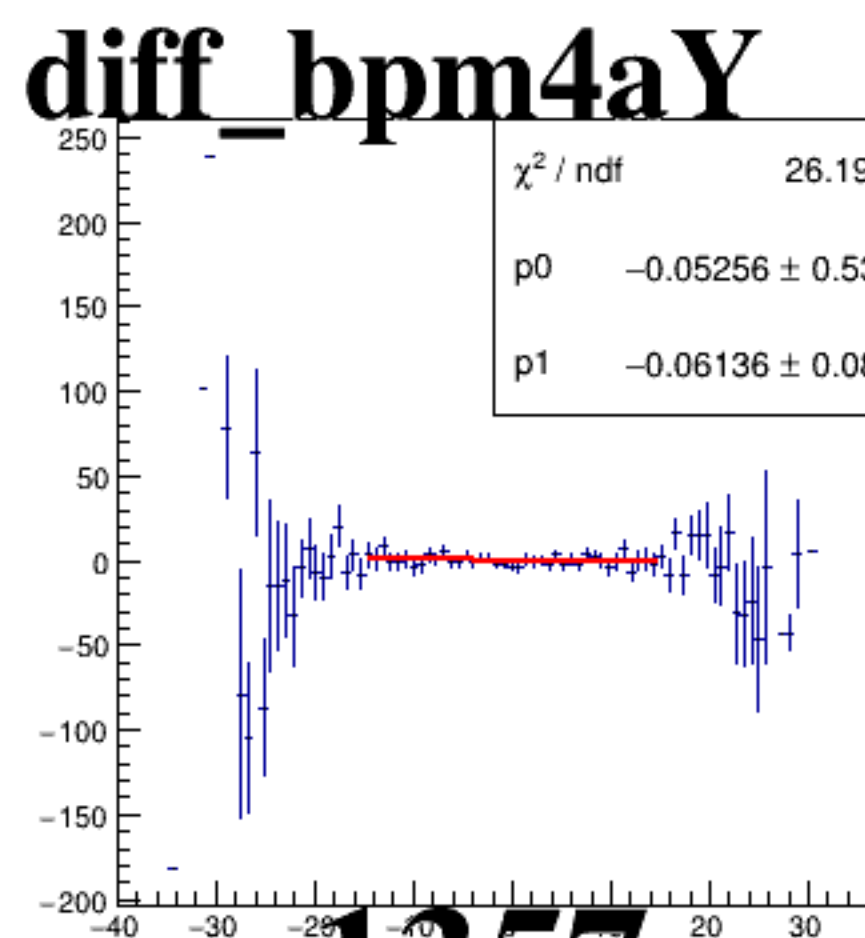
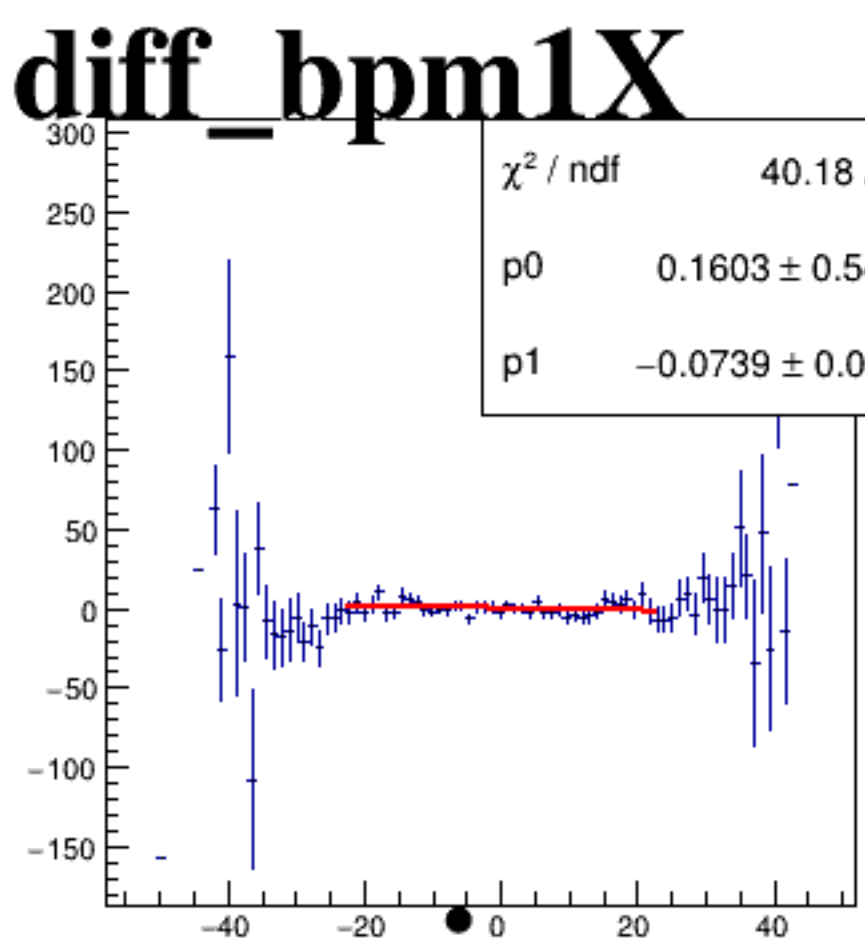
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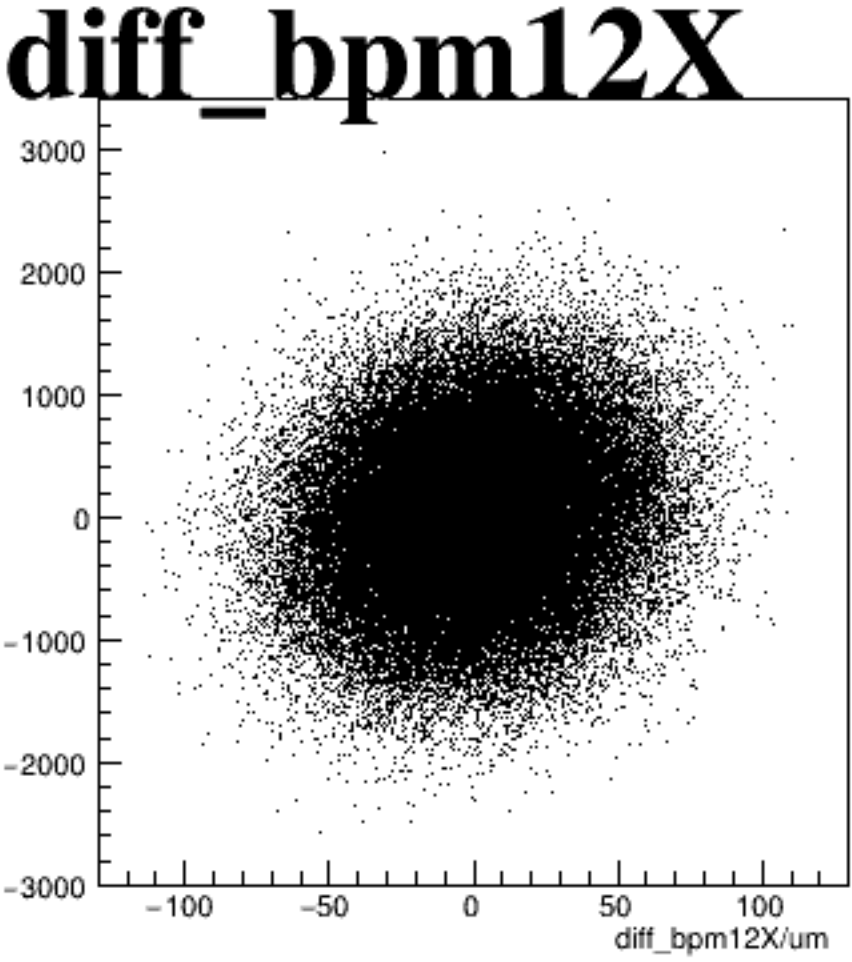
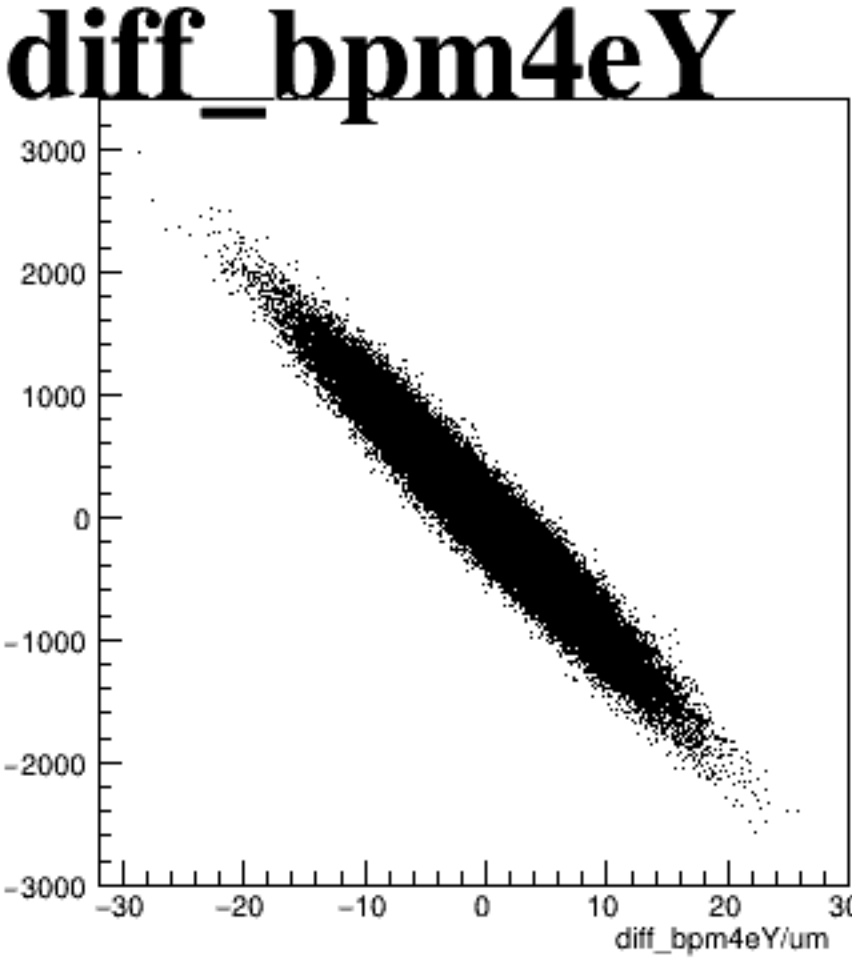
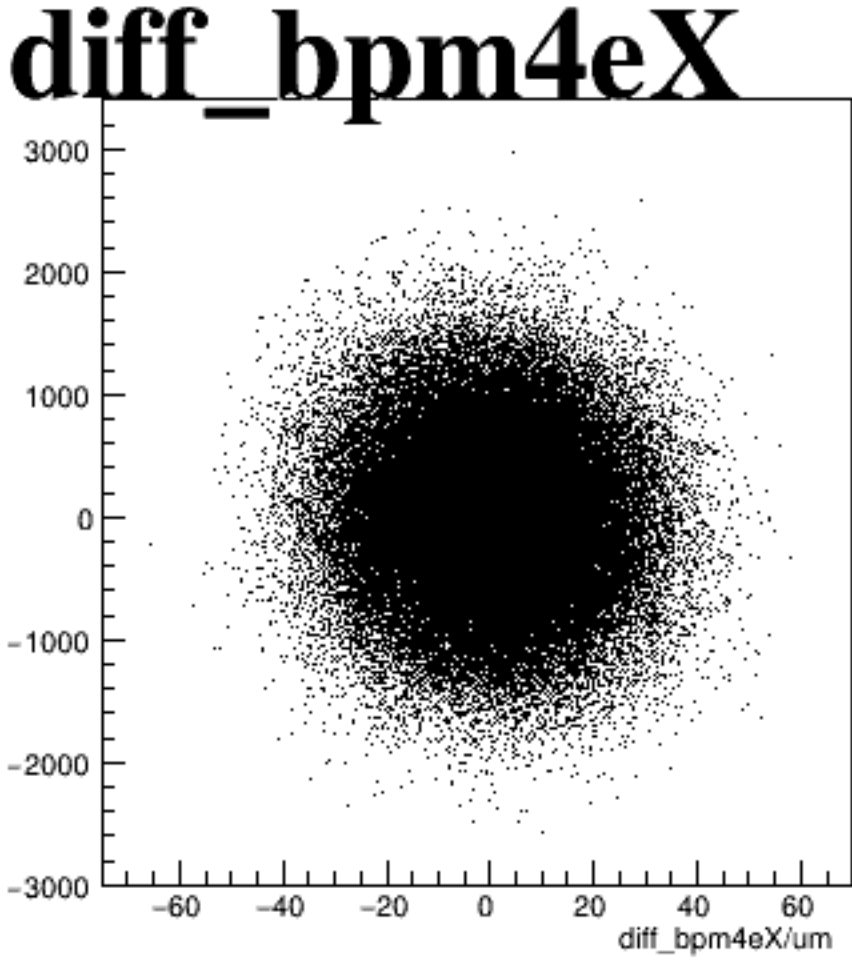
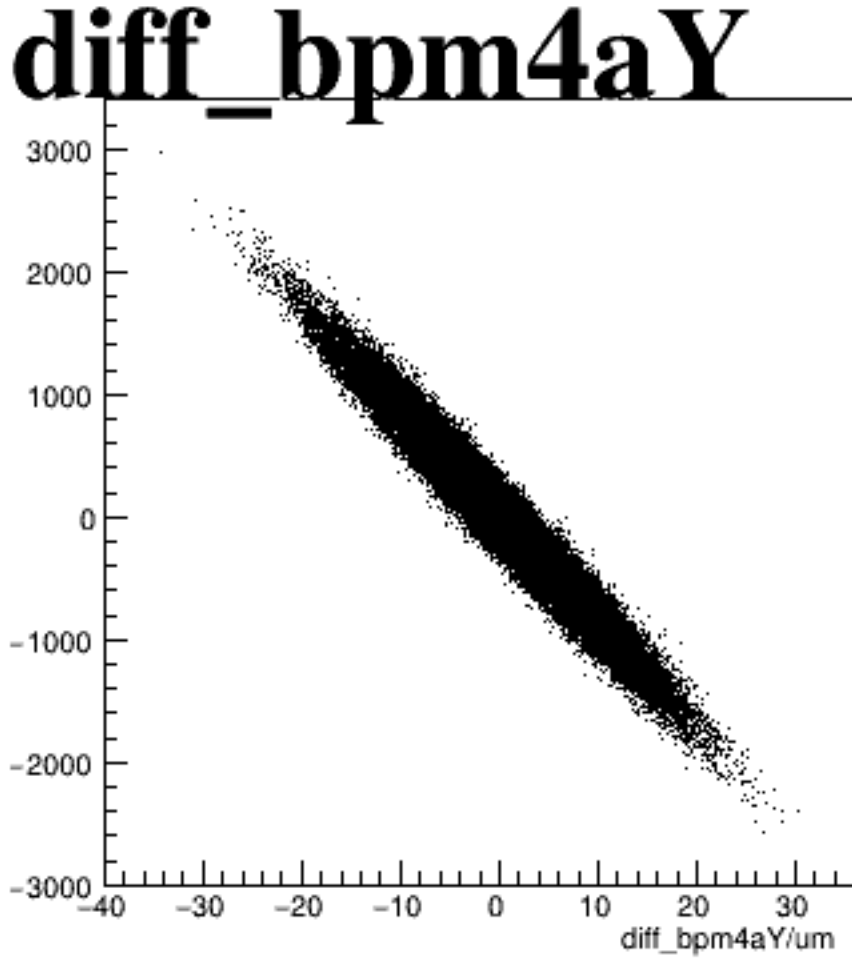
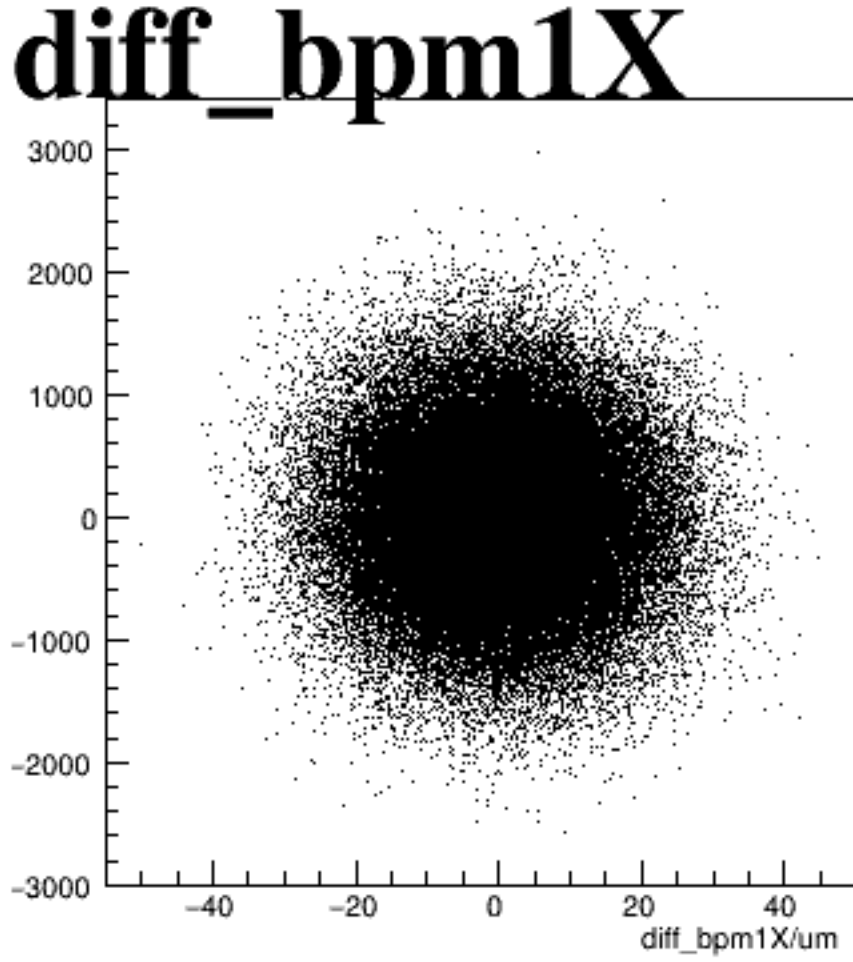
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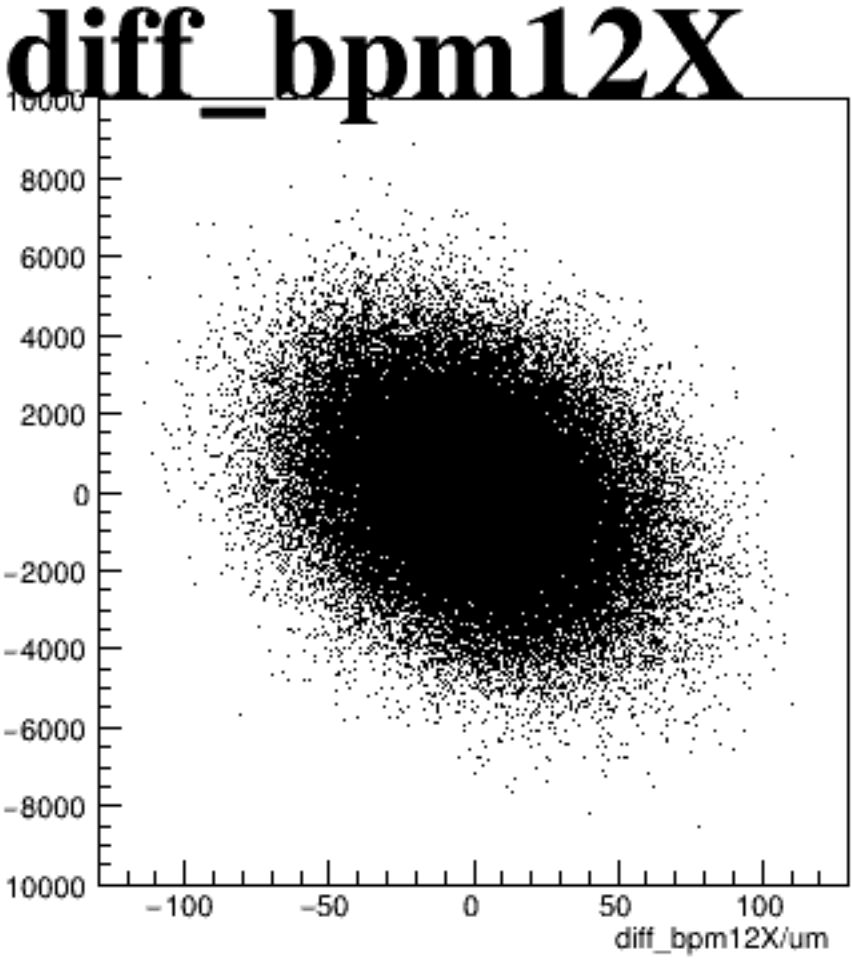
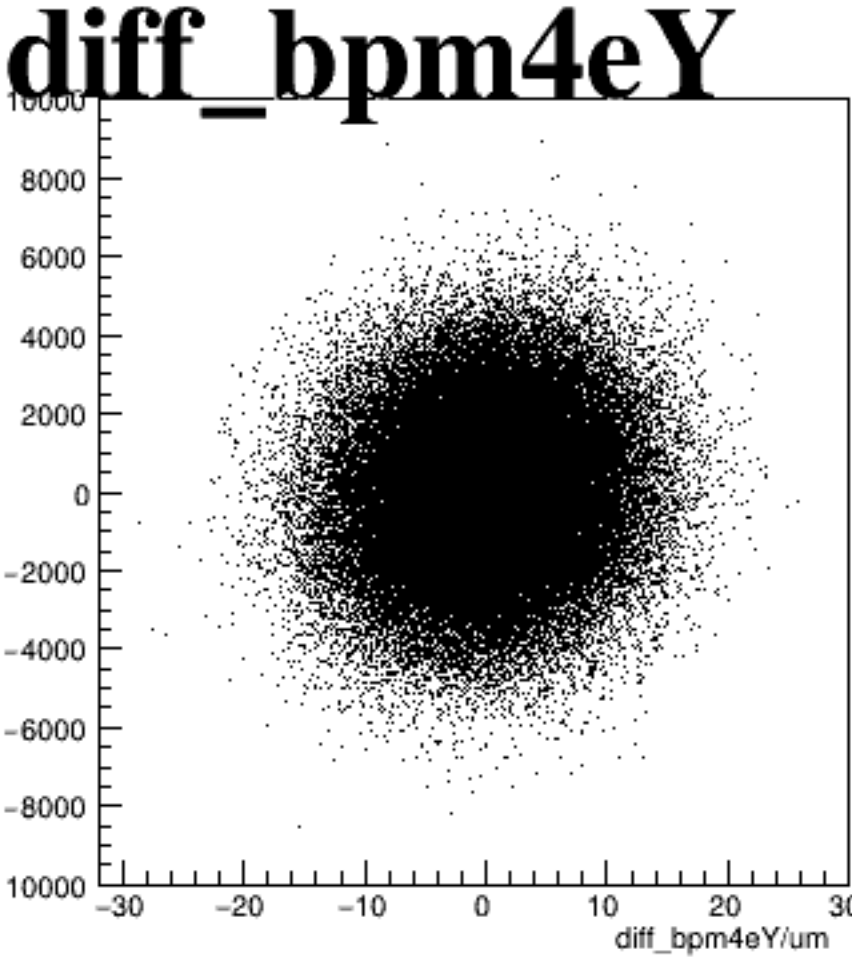
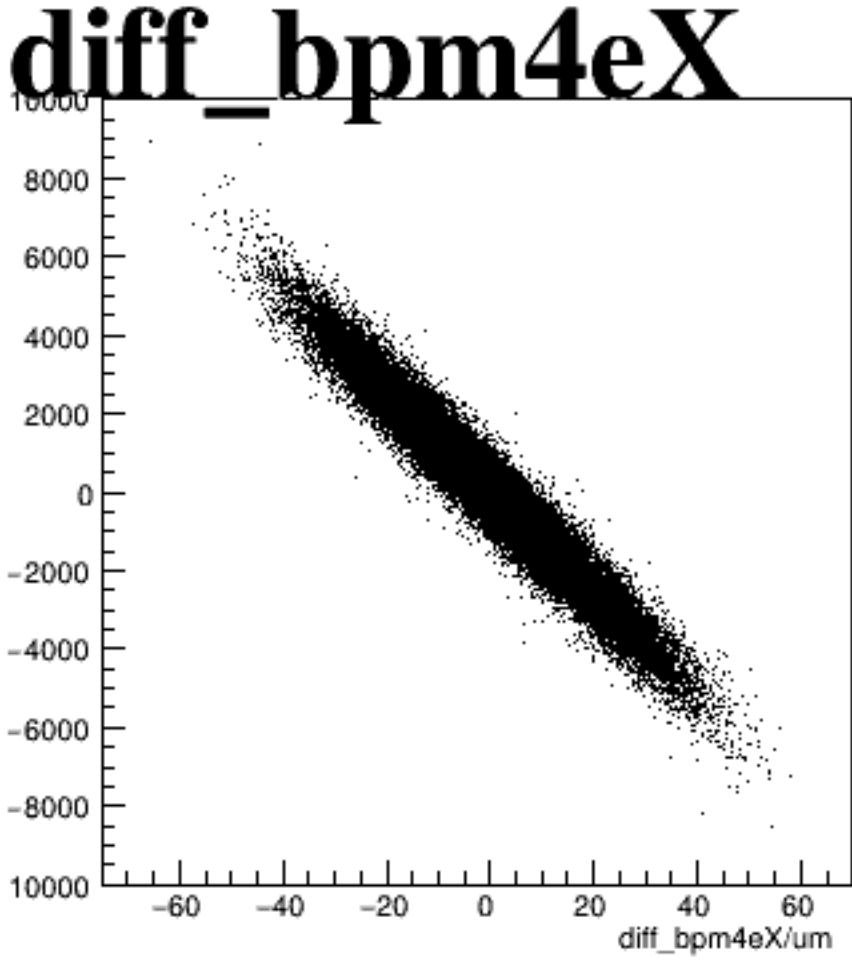
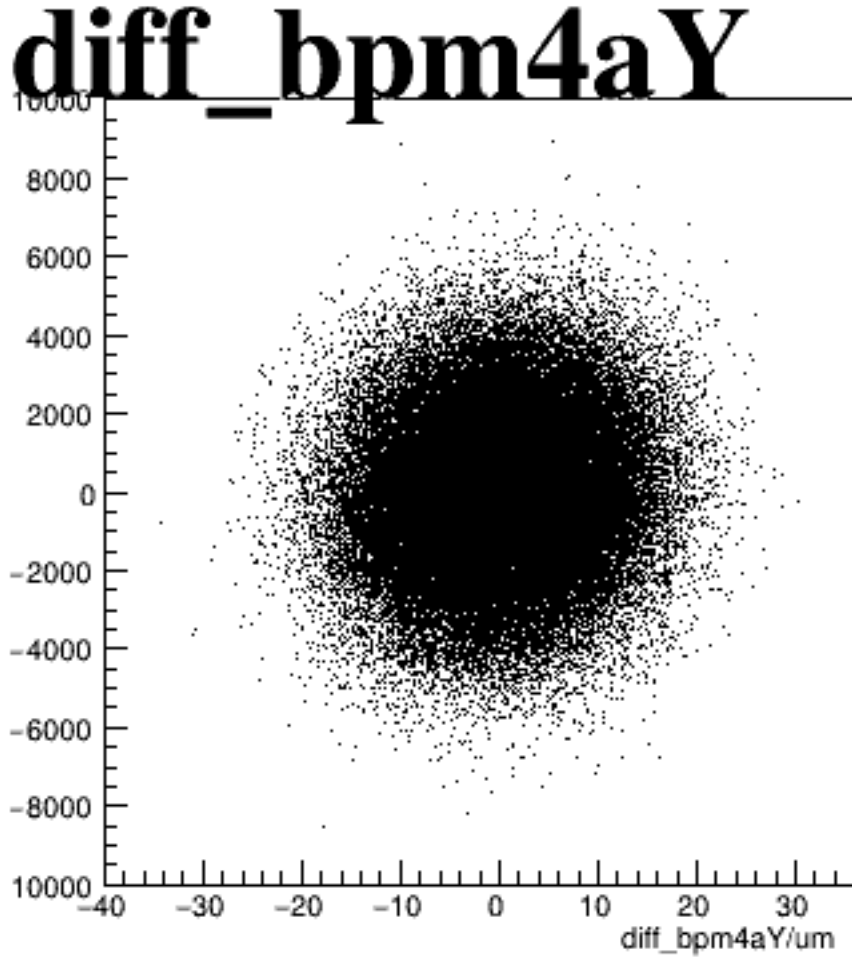
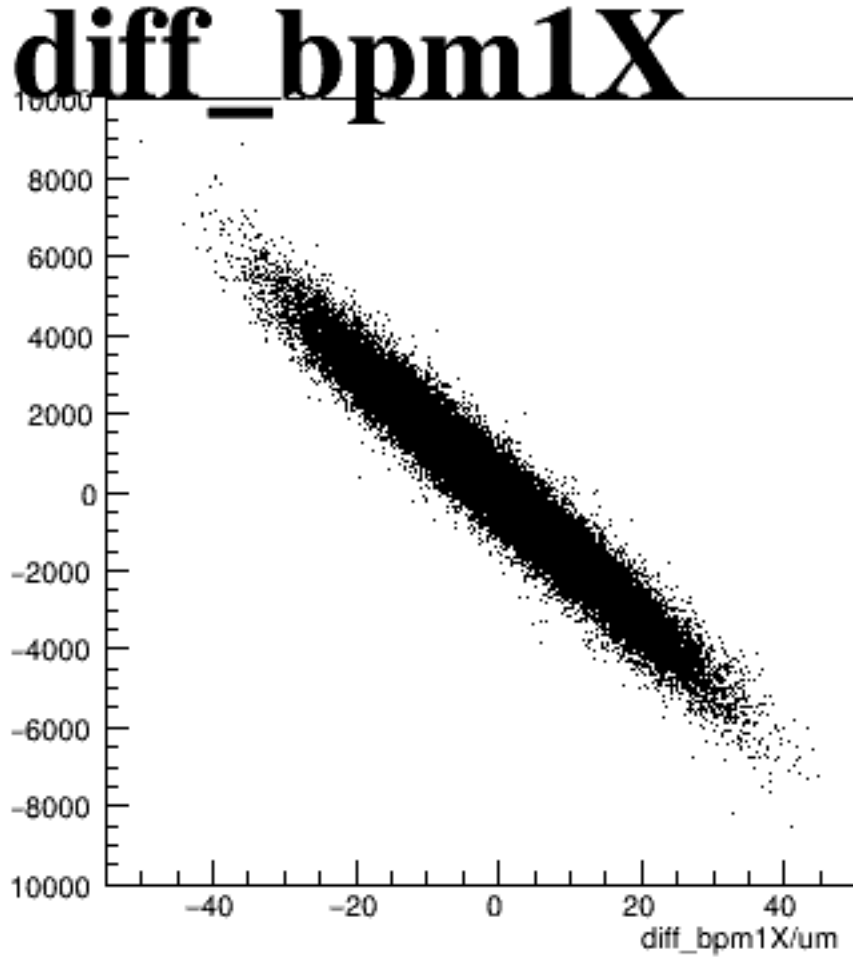
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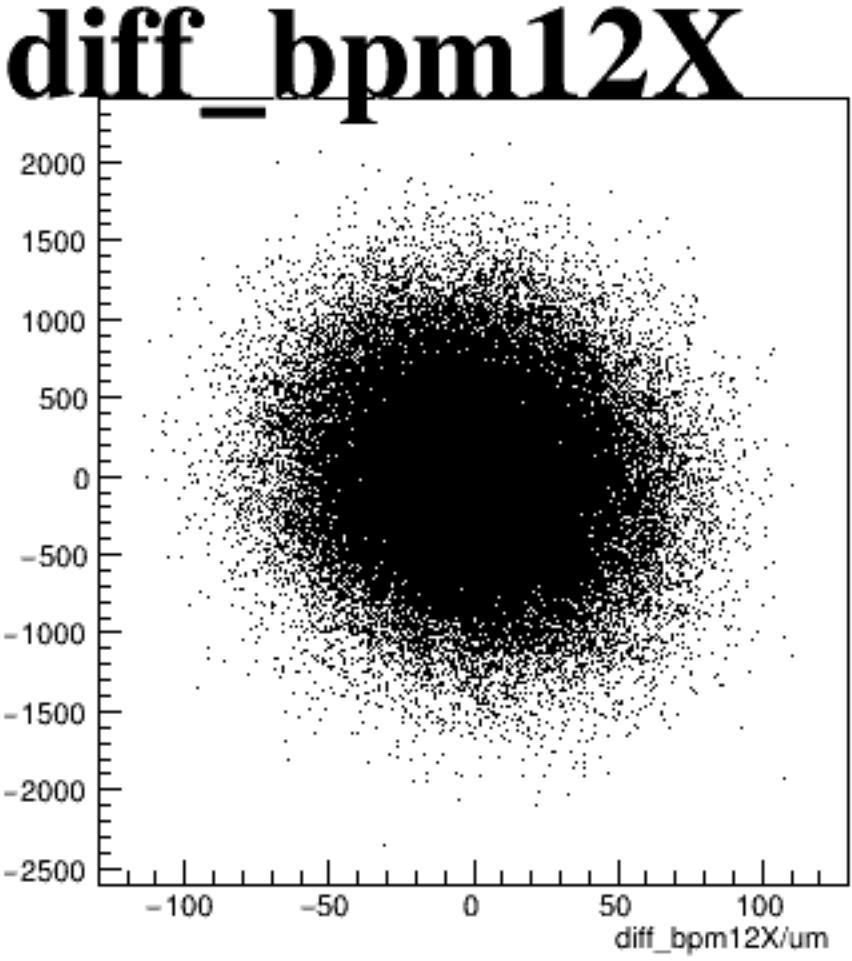
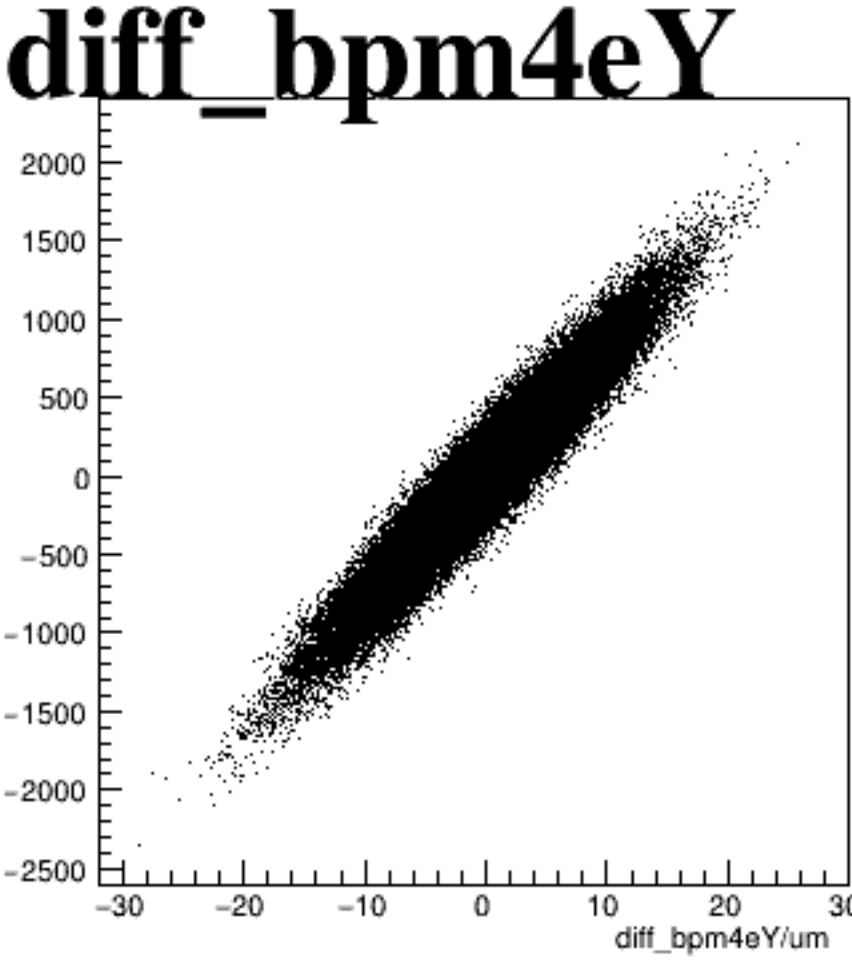
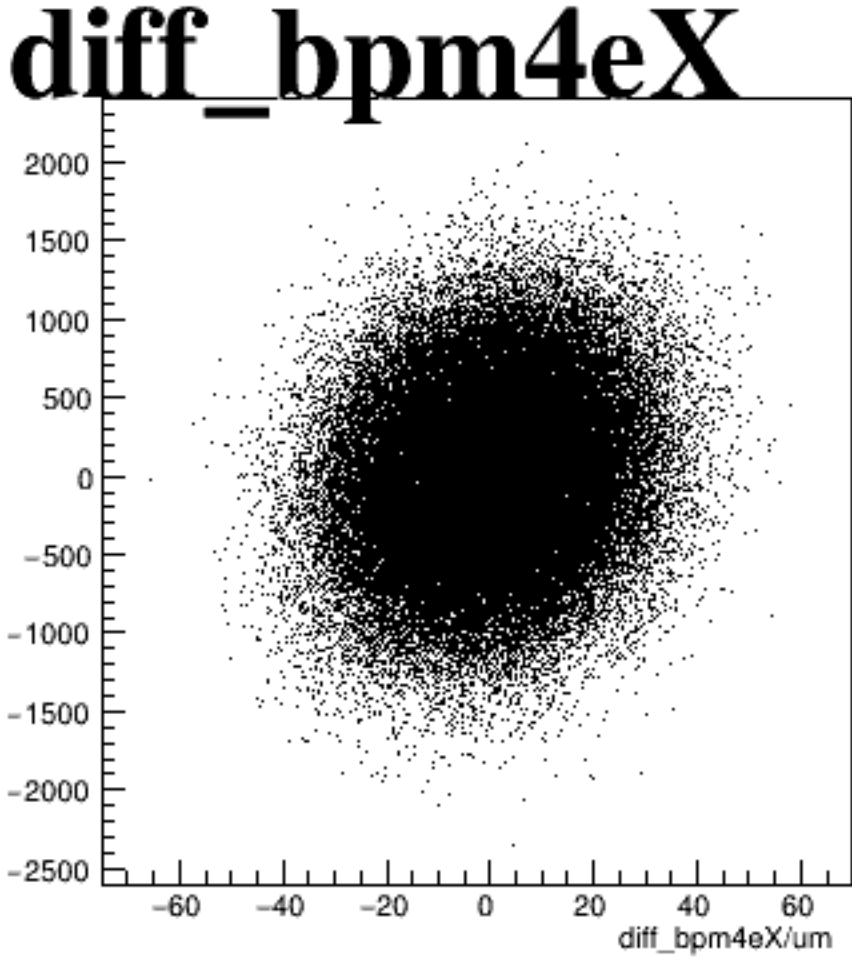
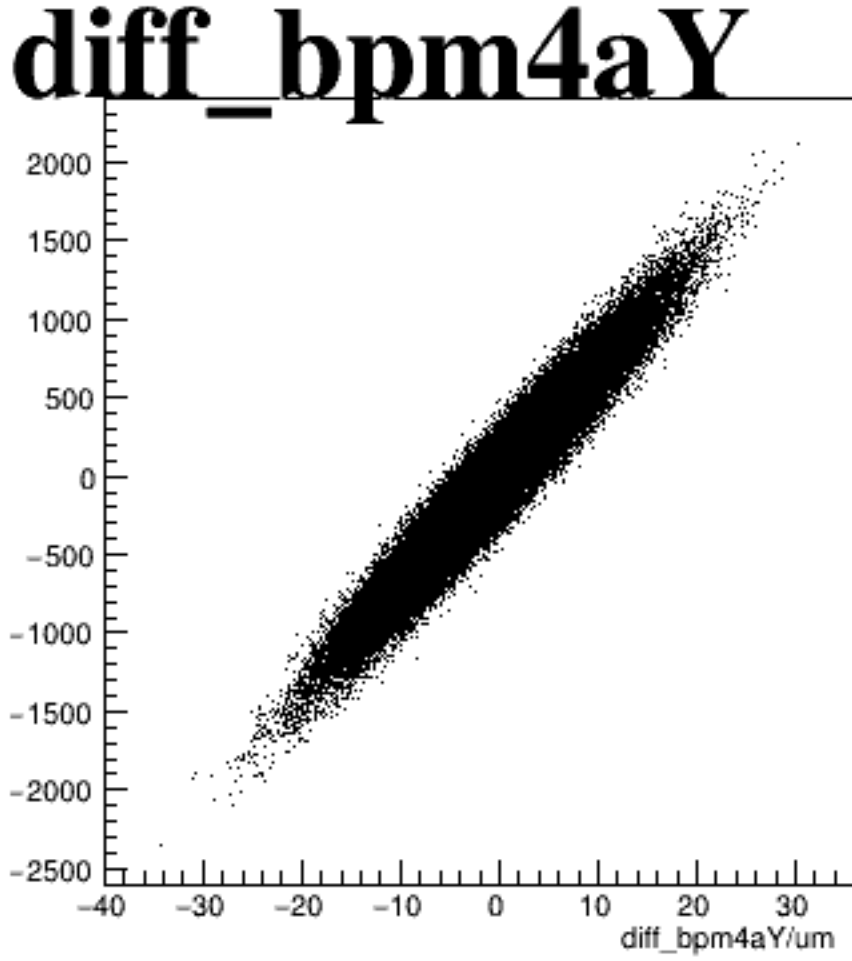
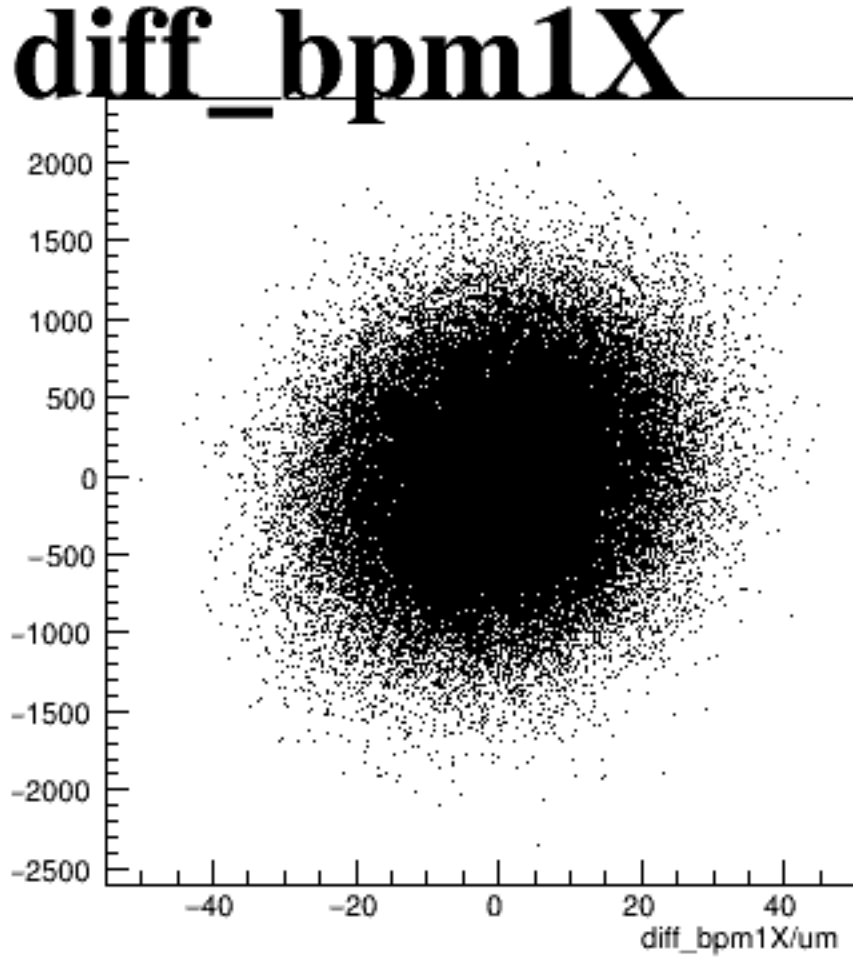
asym_sam1



asym_sam3



asym_sam5



asym_sam7

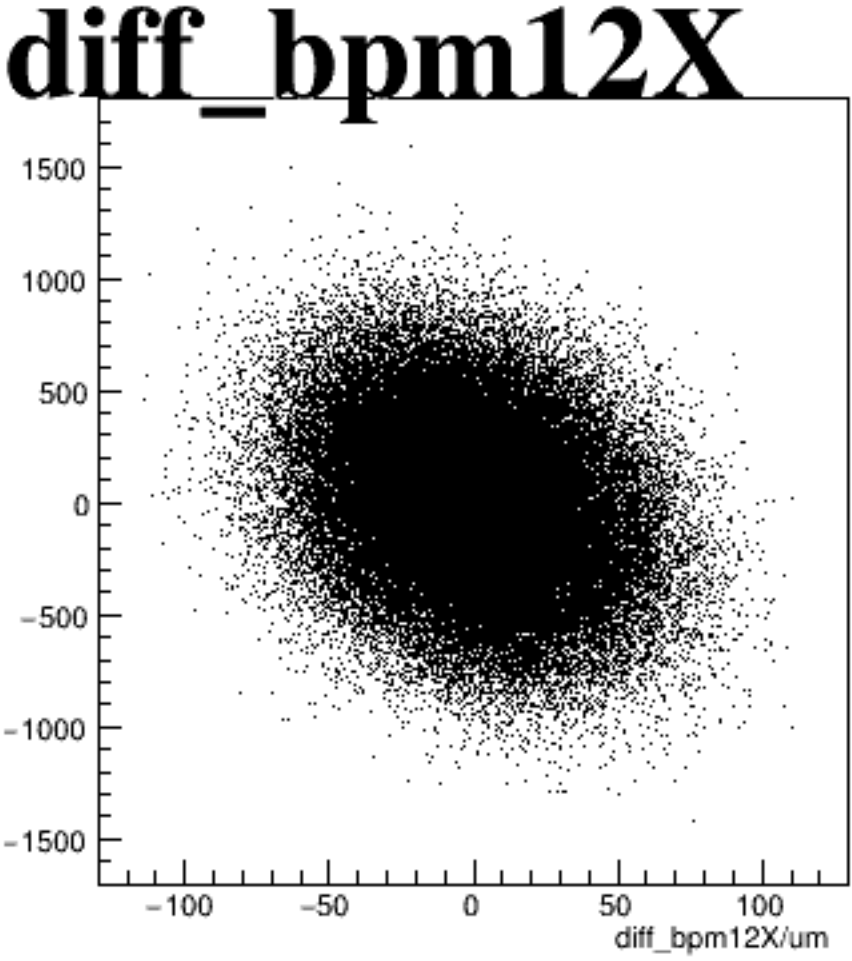
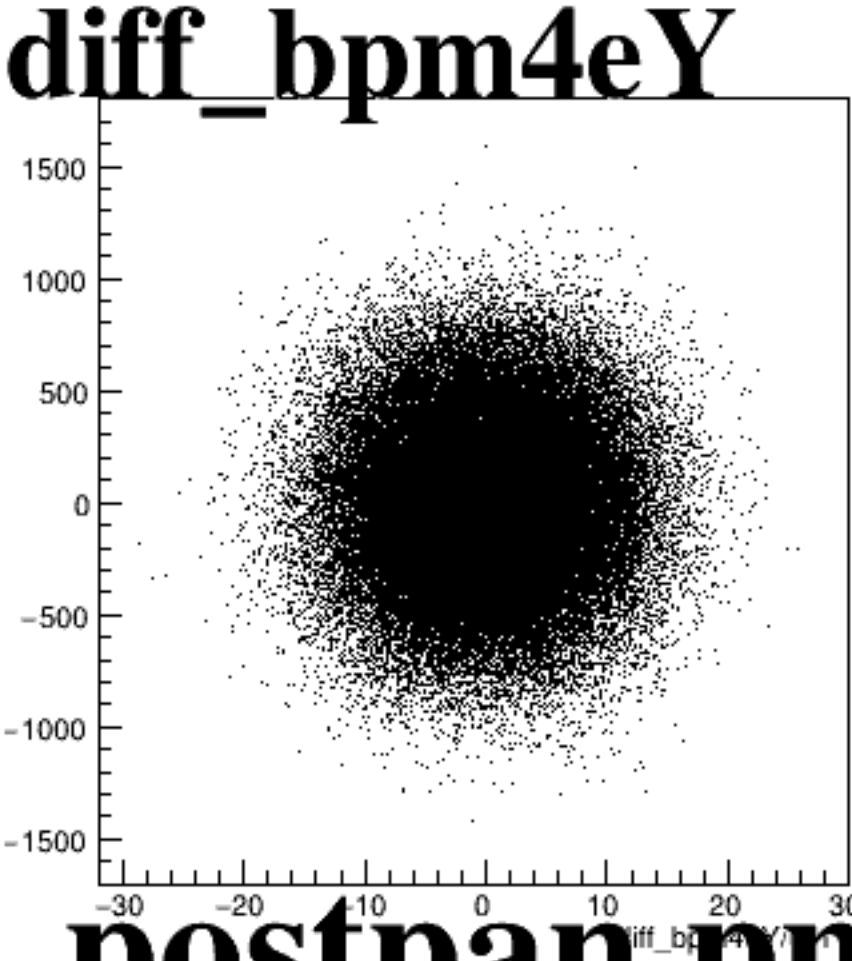
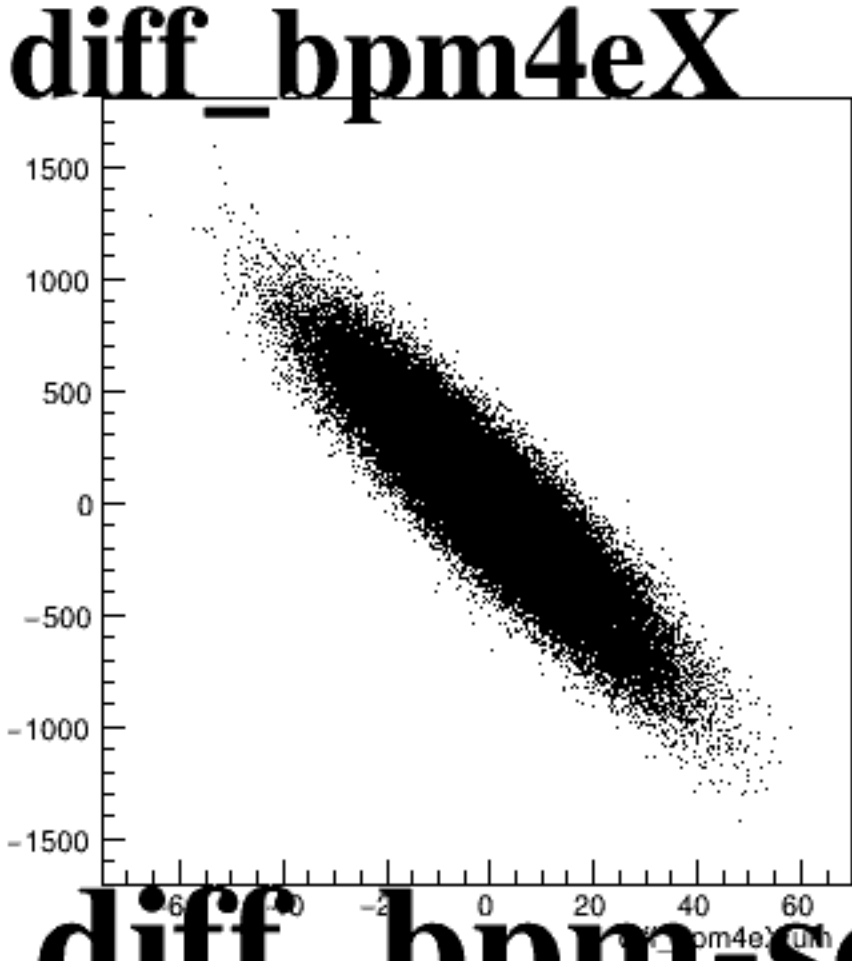
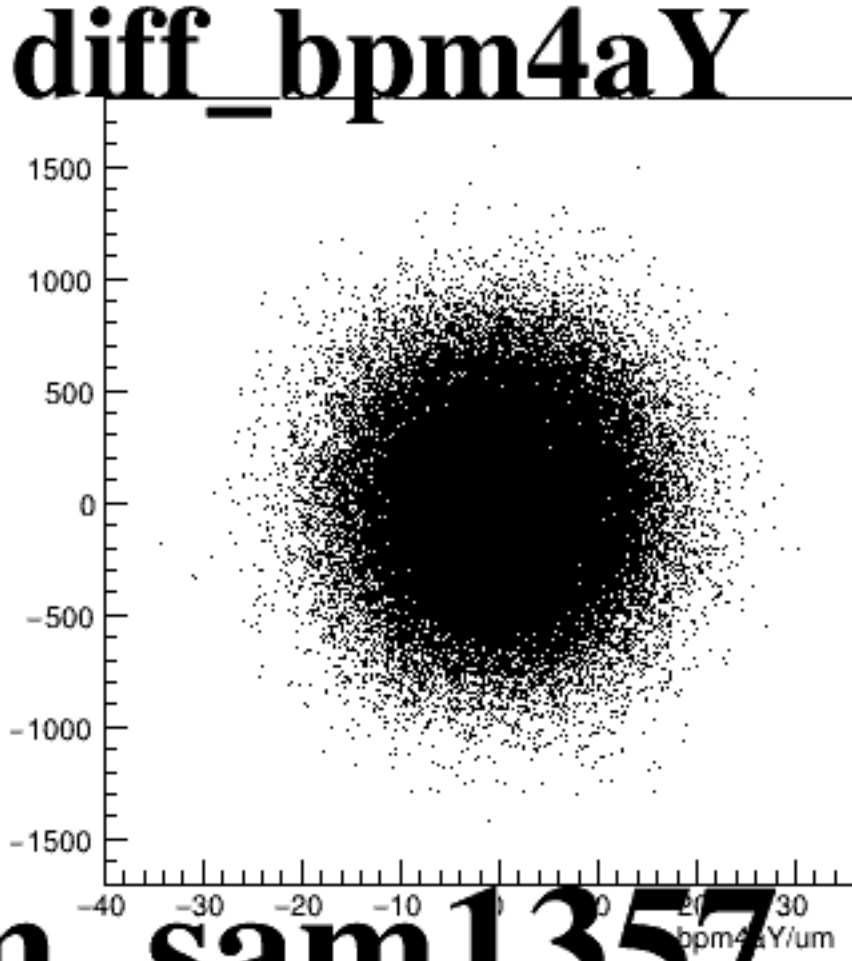
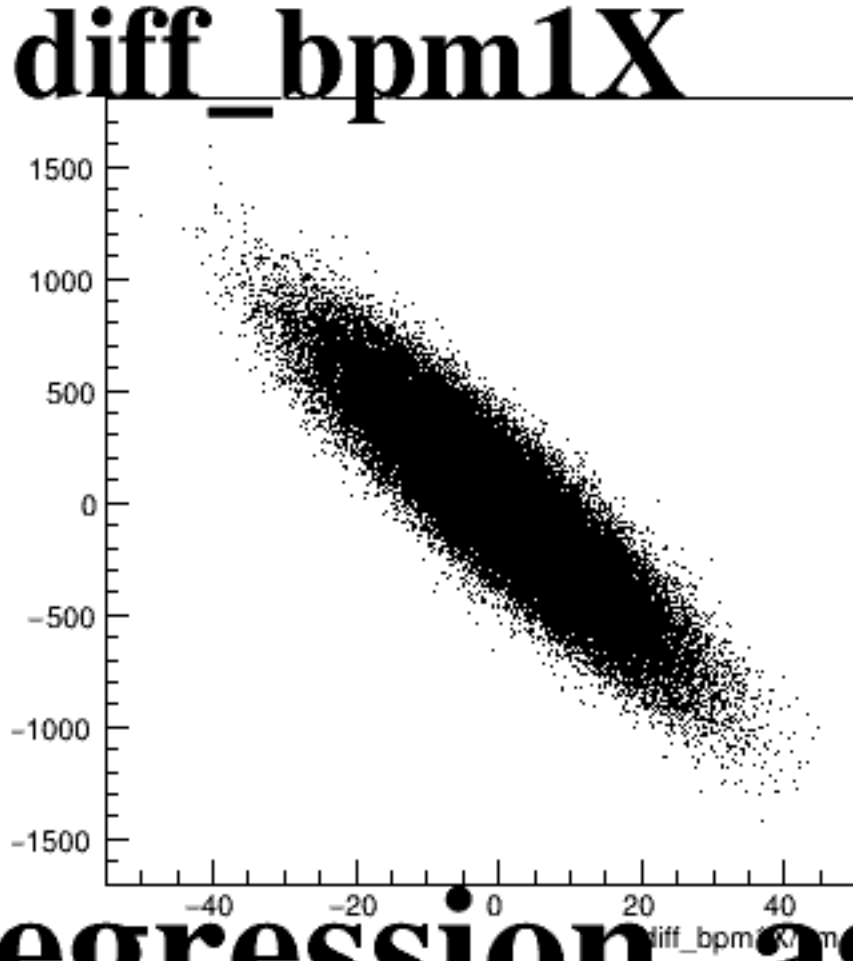


Figure 1 consists of five scatter plots arranged horizontally, each showing the difference in beam position measurements (diff_bpm) for different beam positions (bpm1X, bpm4aY, bpm4eX, bpm4eY, bpm12X) versus the difference in beam position measurements (diff_bpm) for the same beam position. The plots show a dense cloud of points centered around the origin, indicating good agreement between the two measurements.