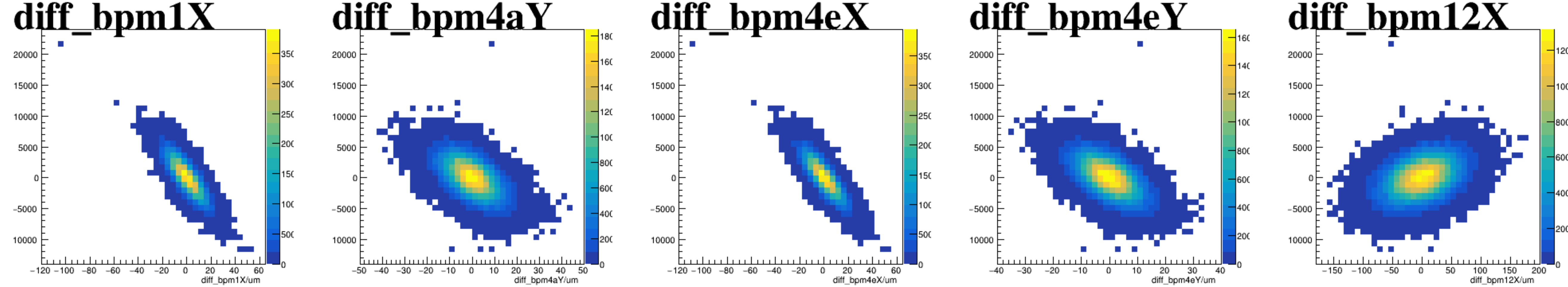
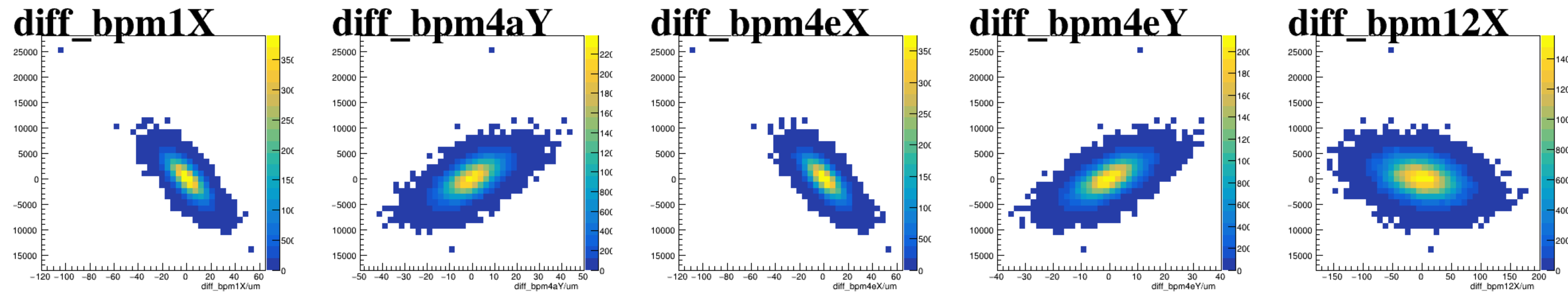


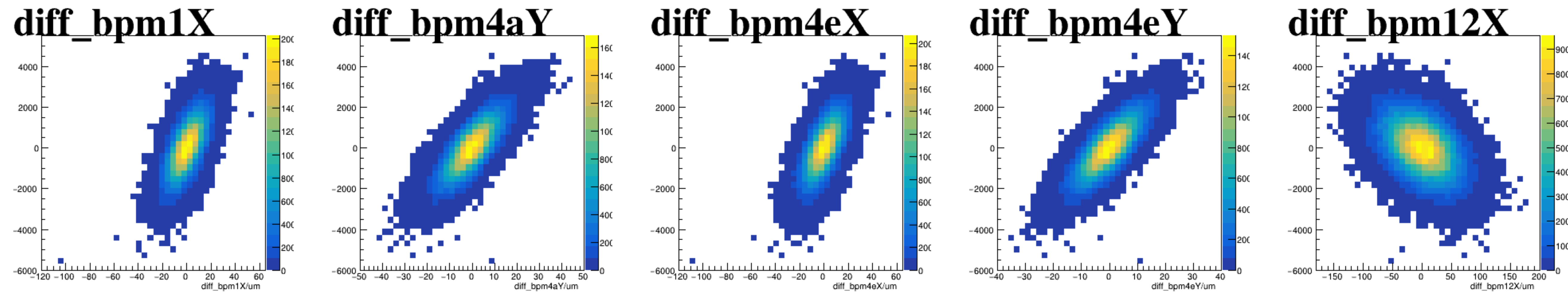
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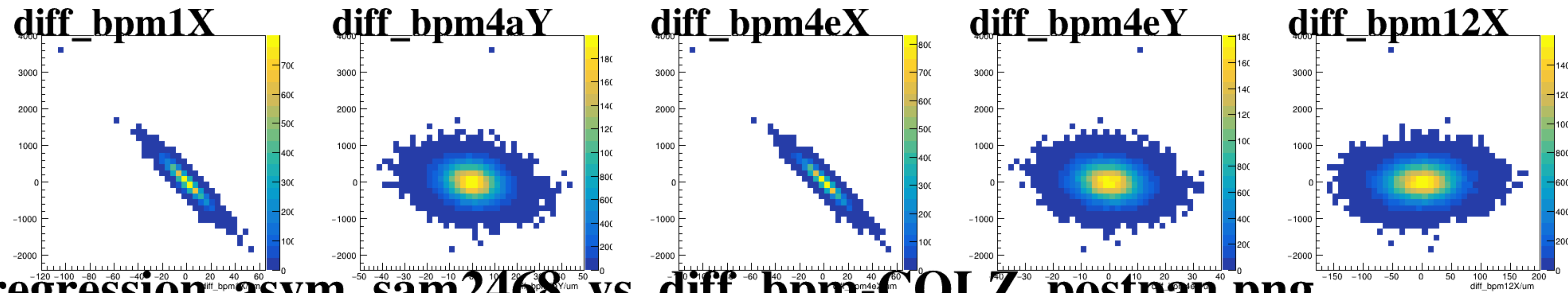
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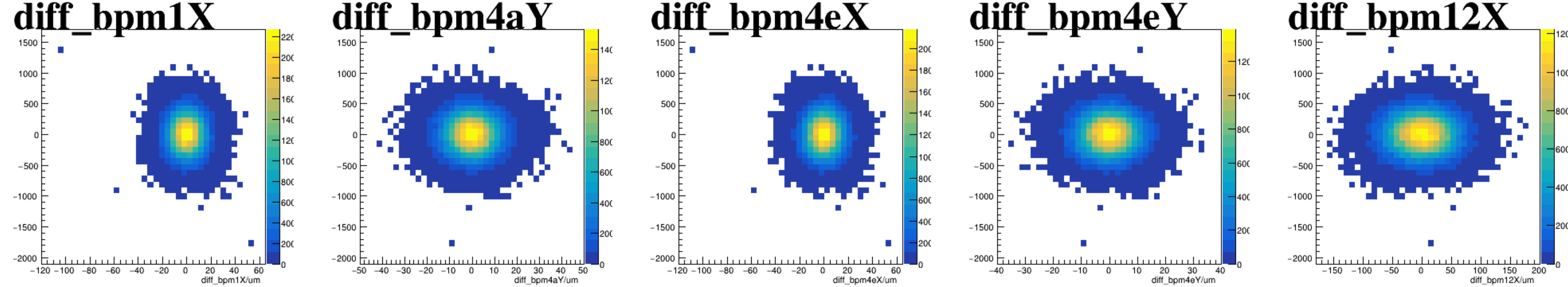
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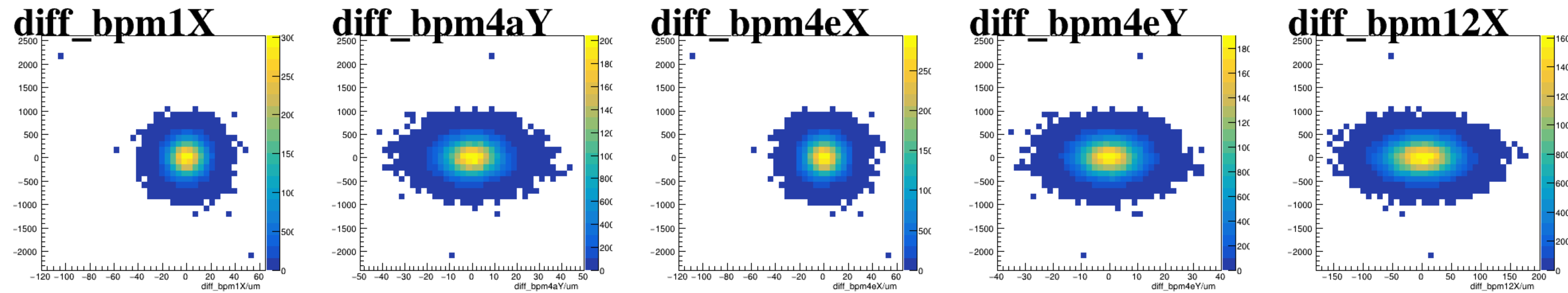
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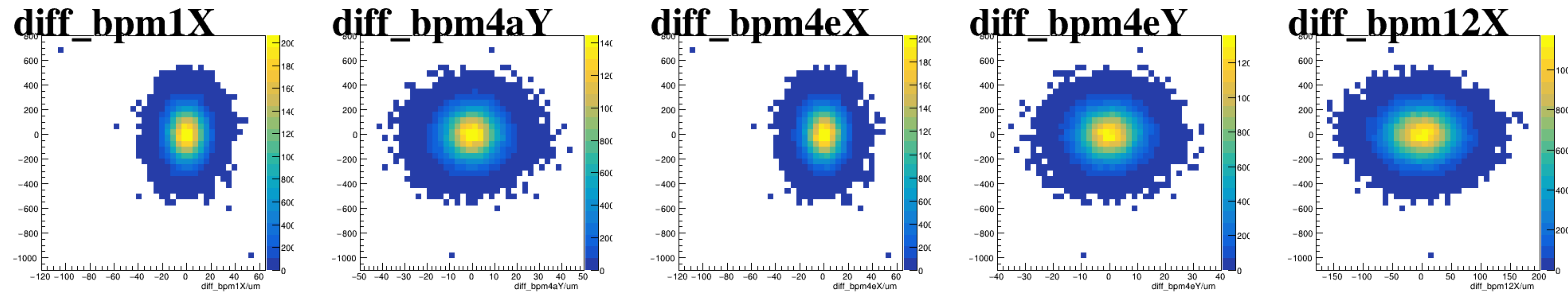
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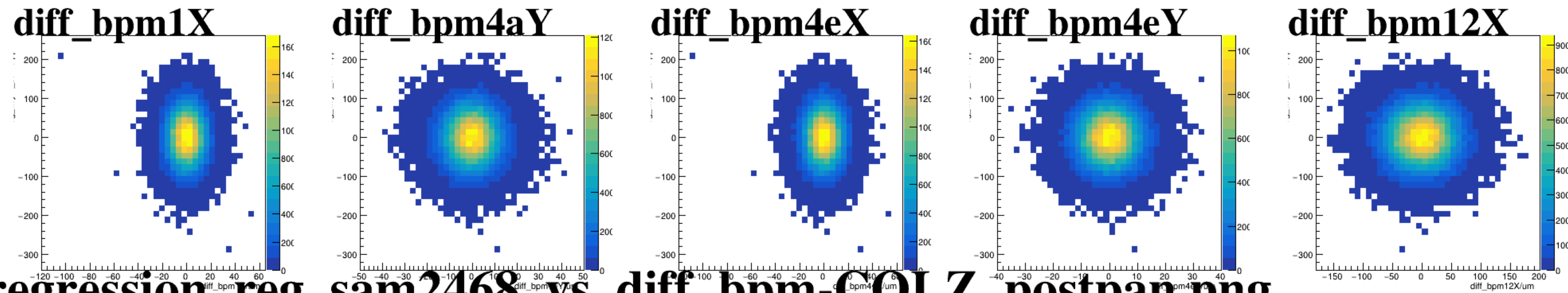
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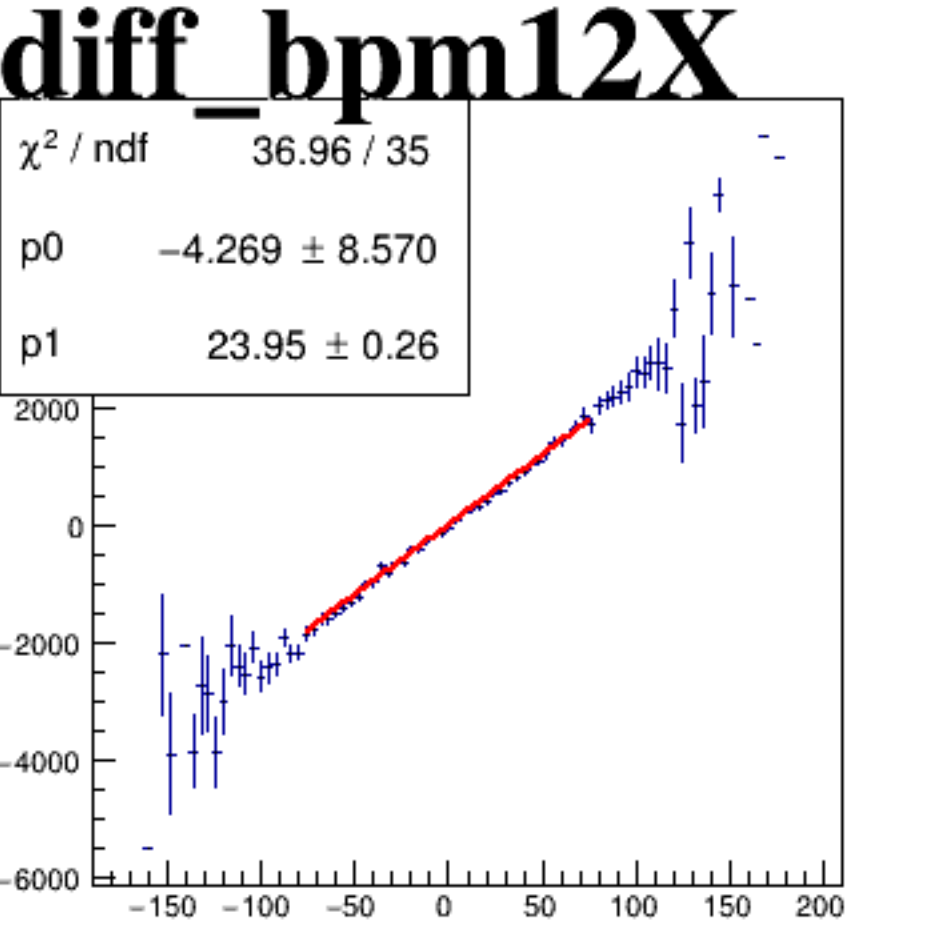
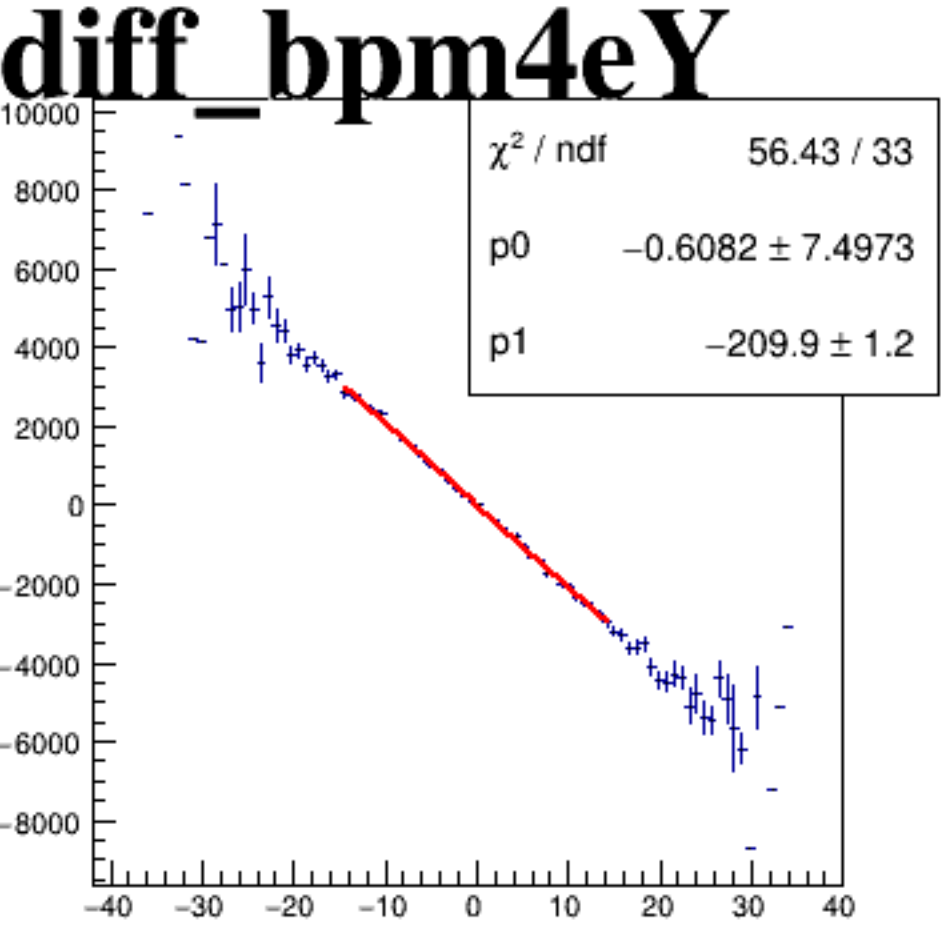
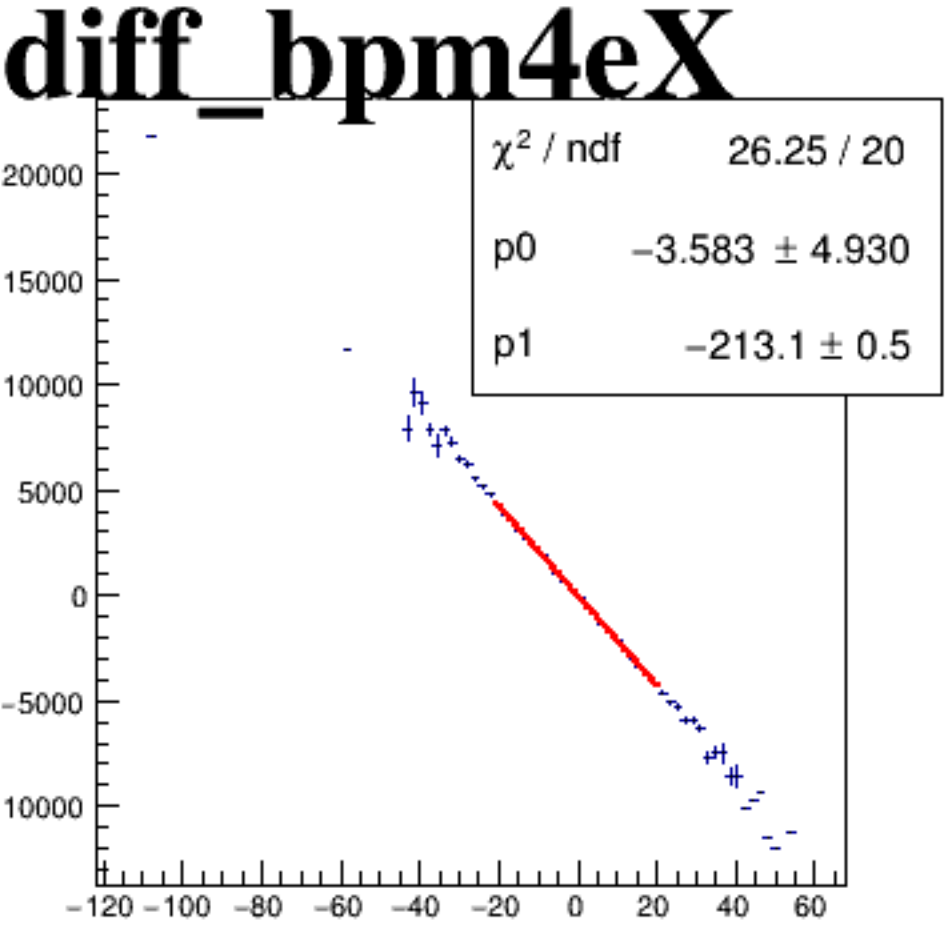
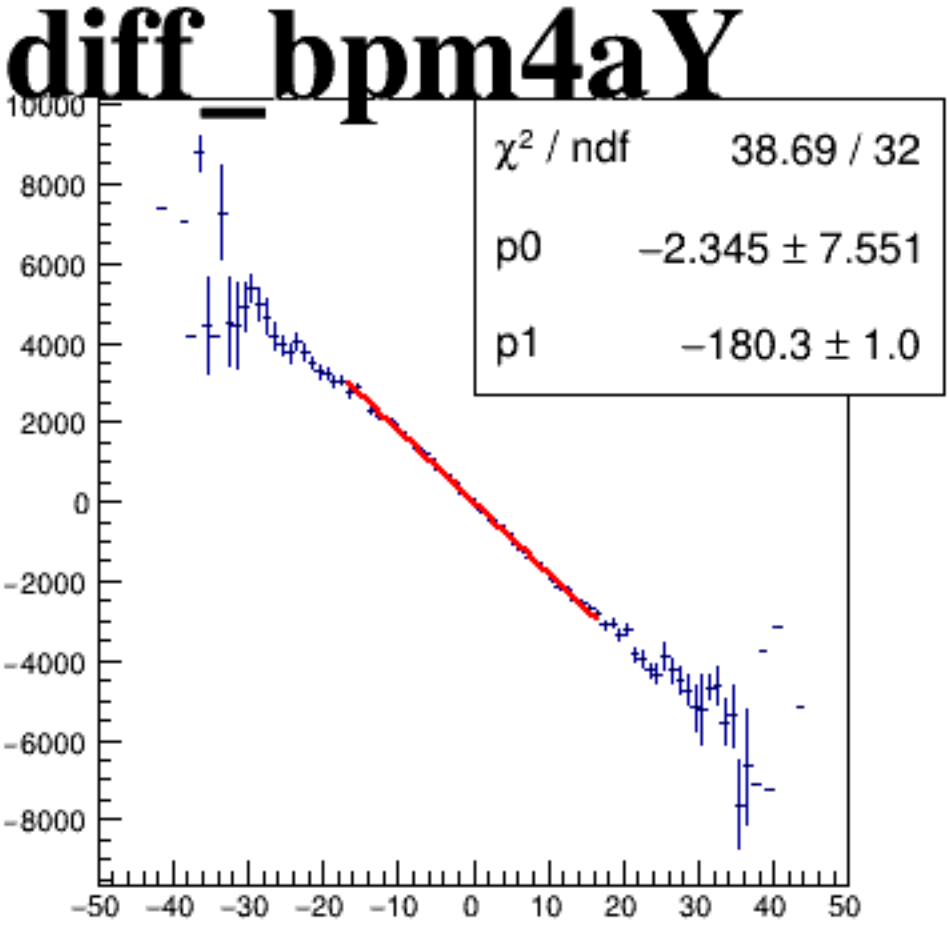
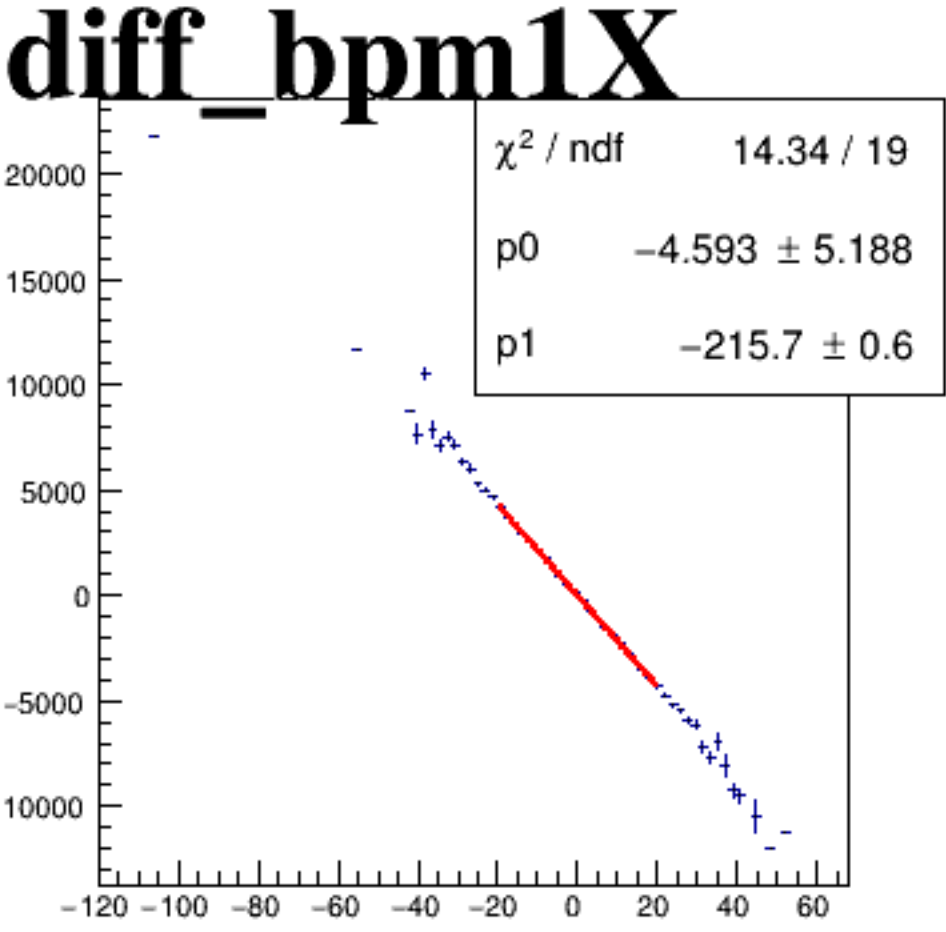
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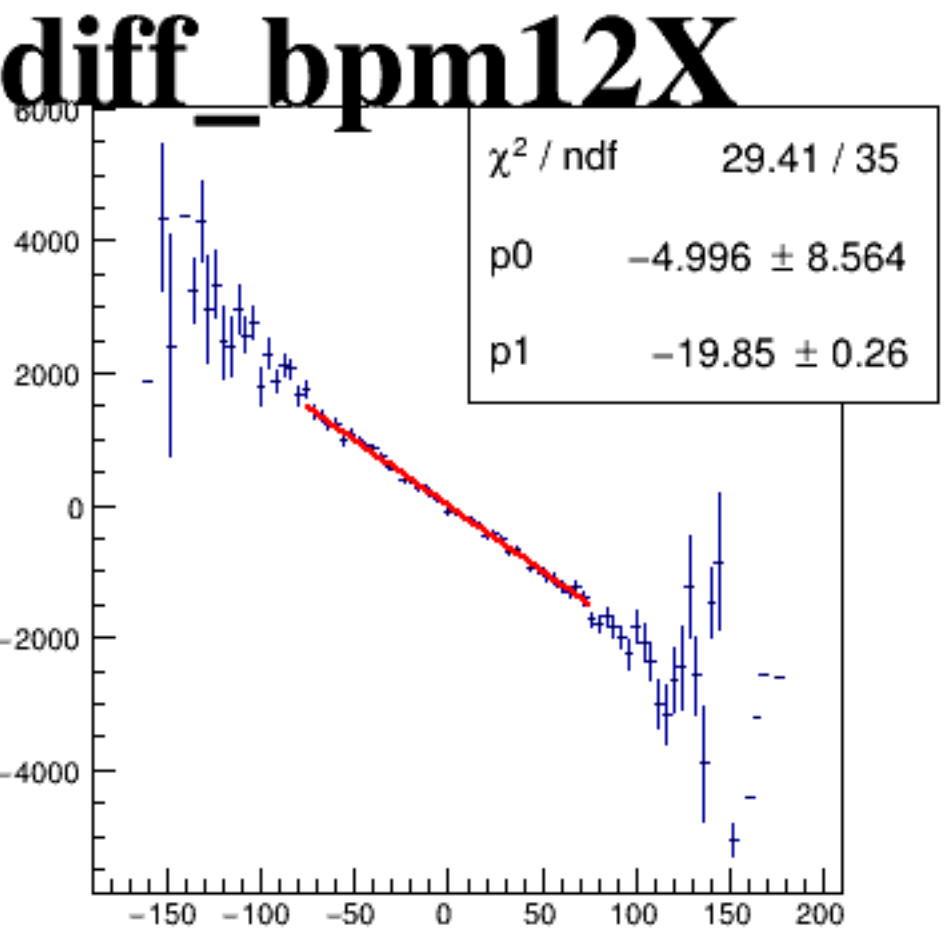
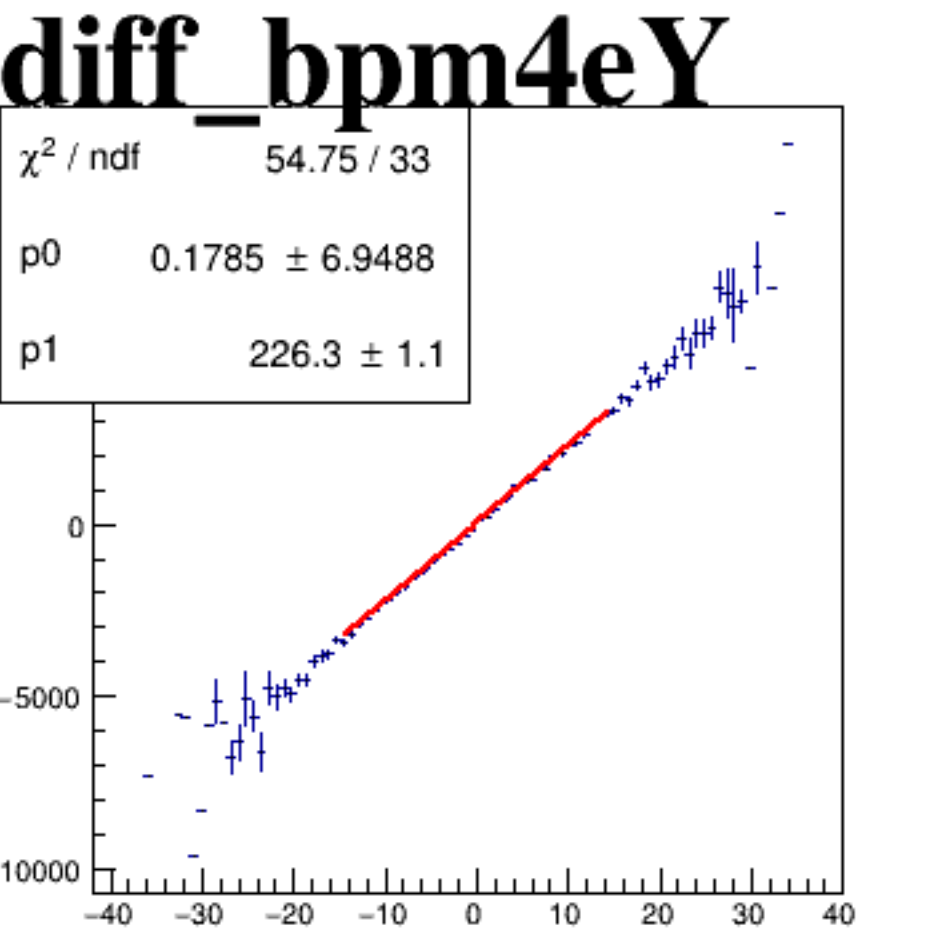
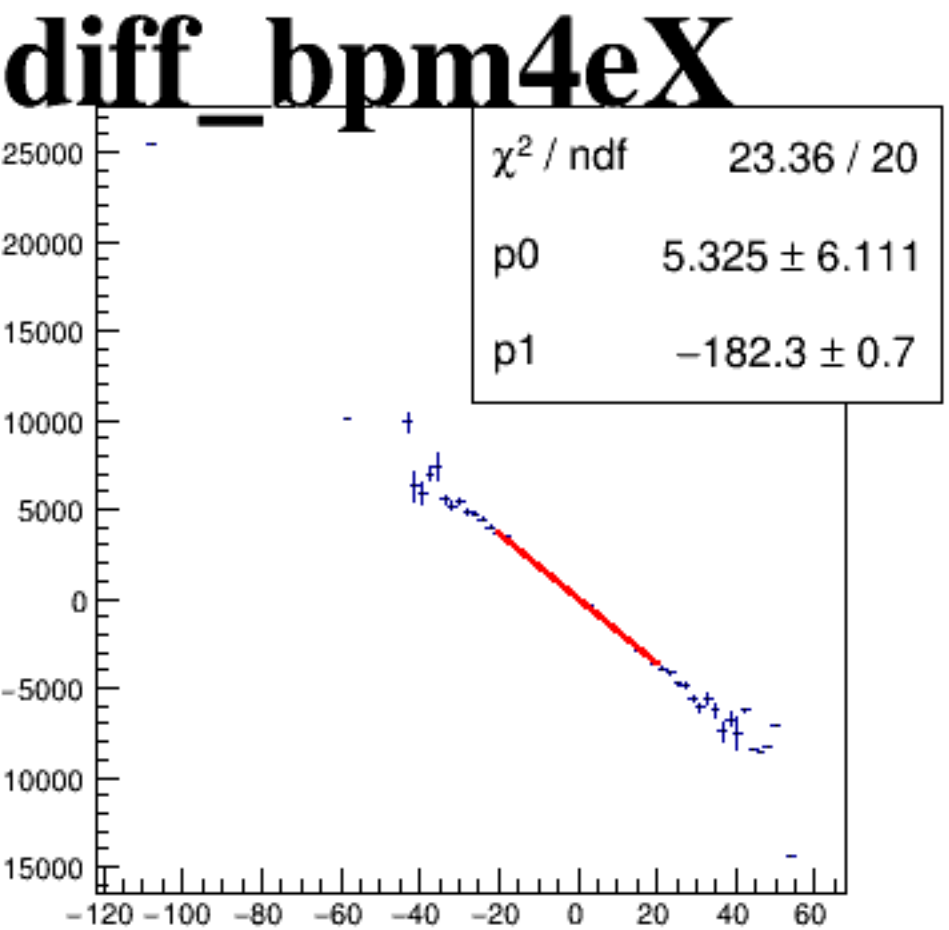
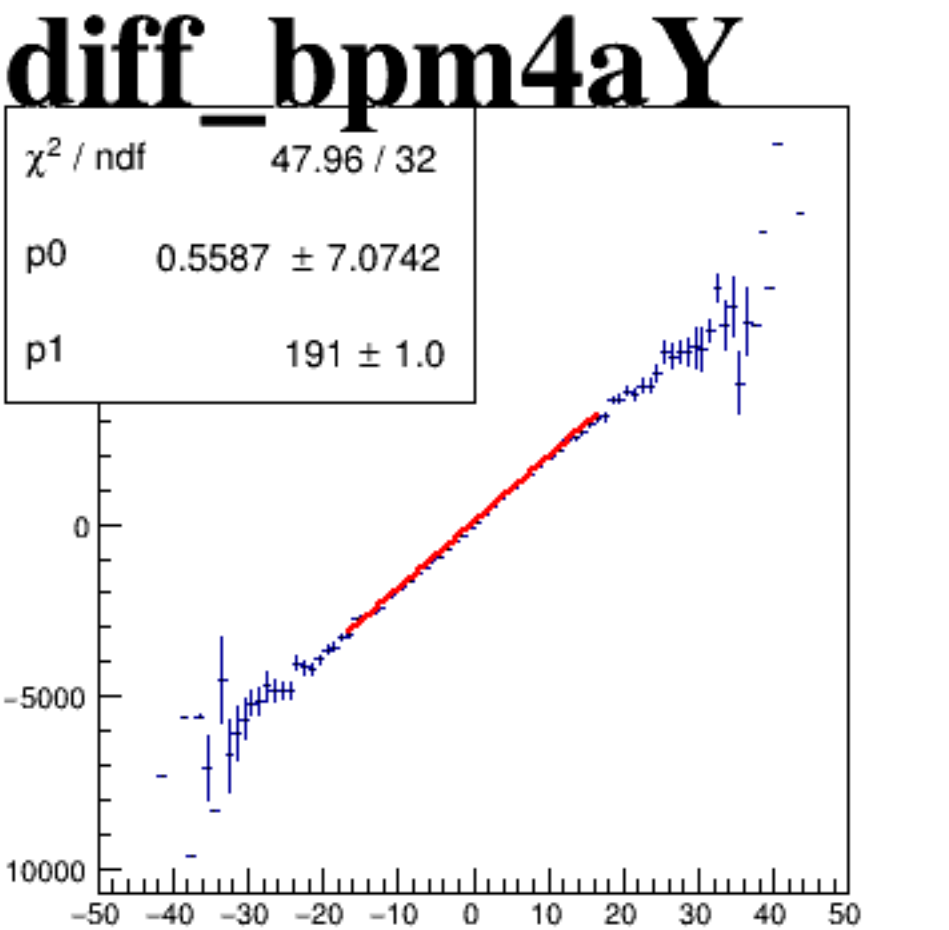
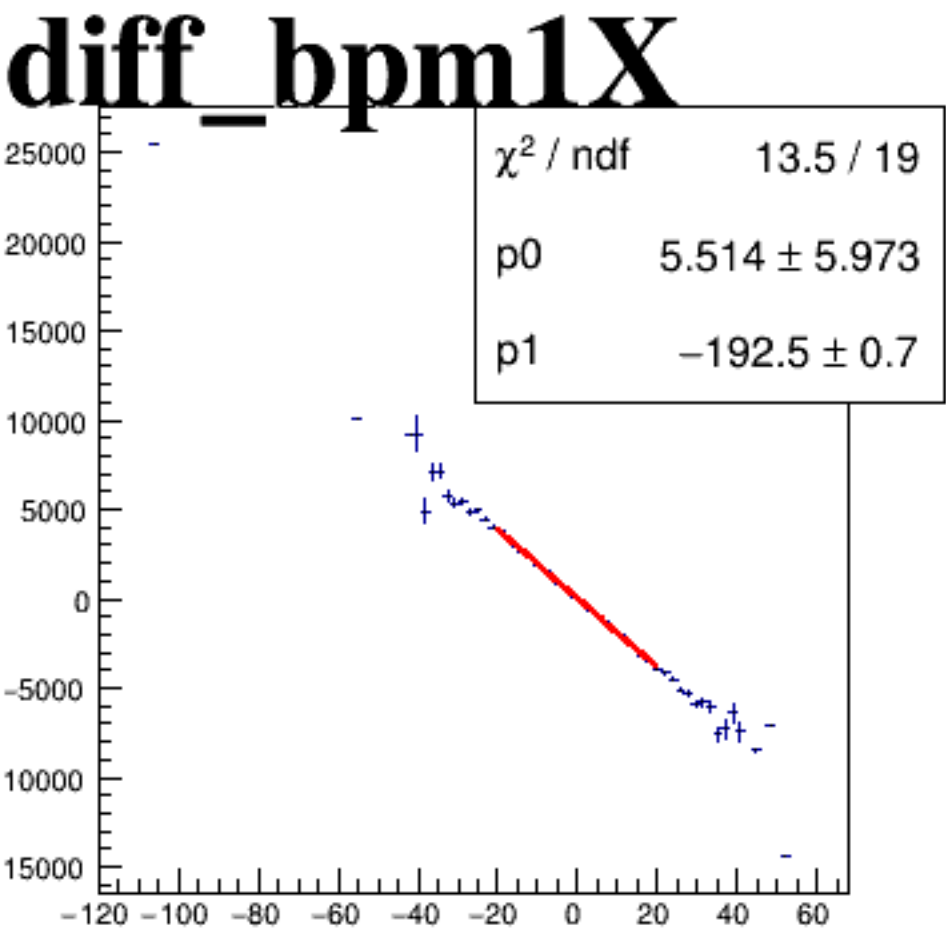
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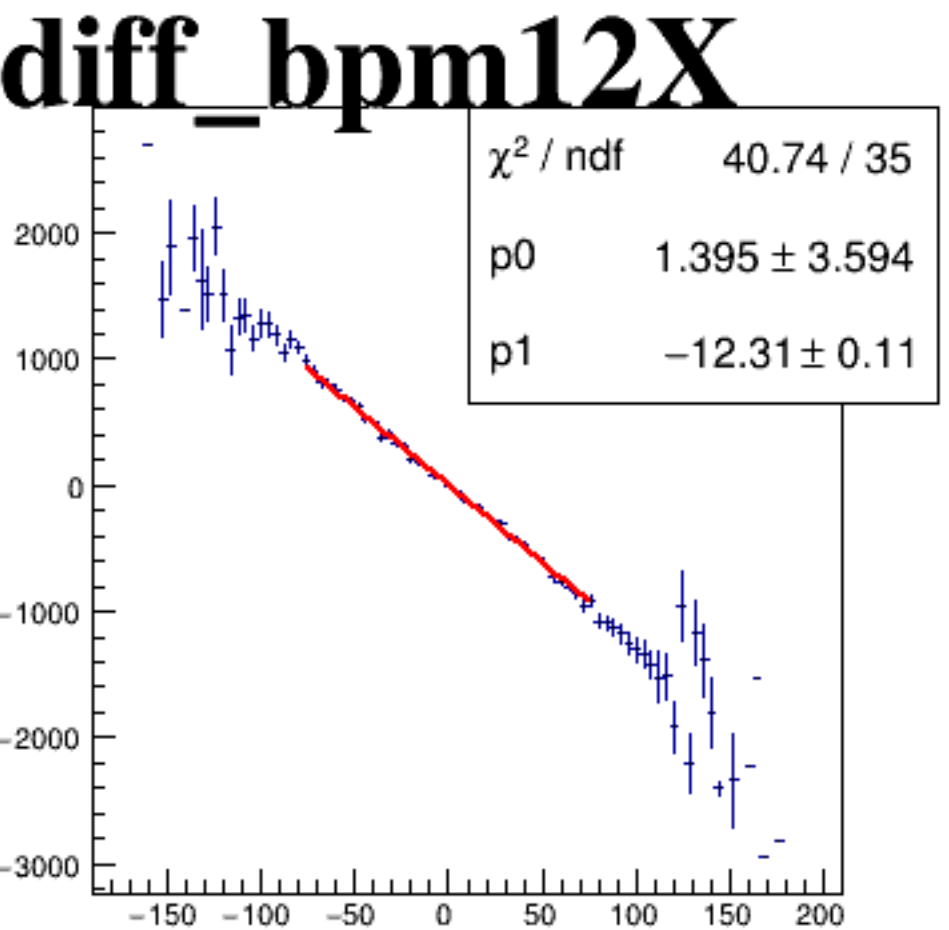
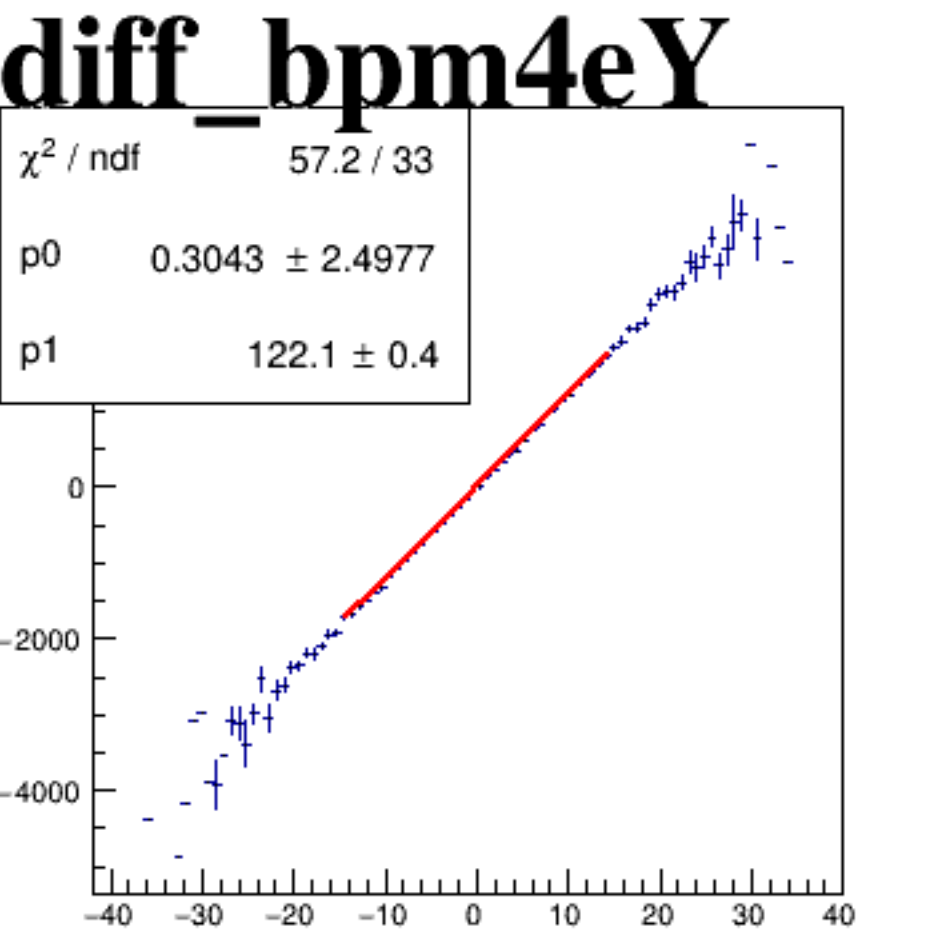
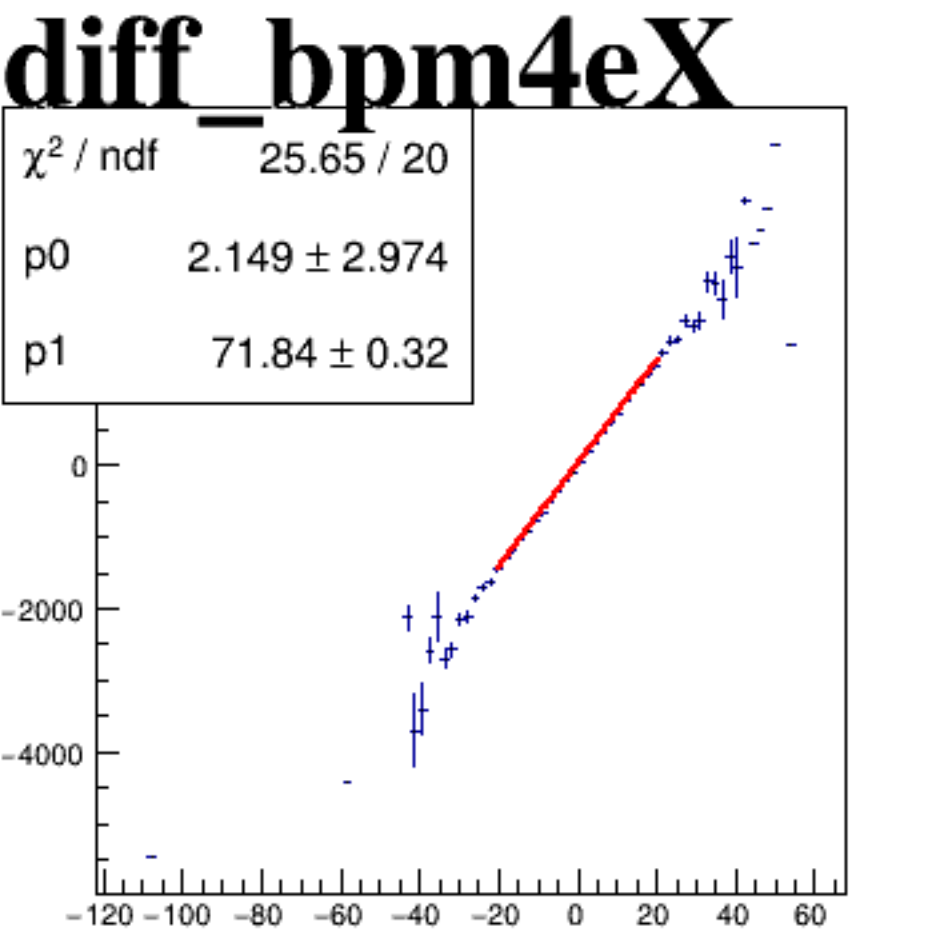
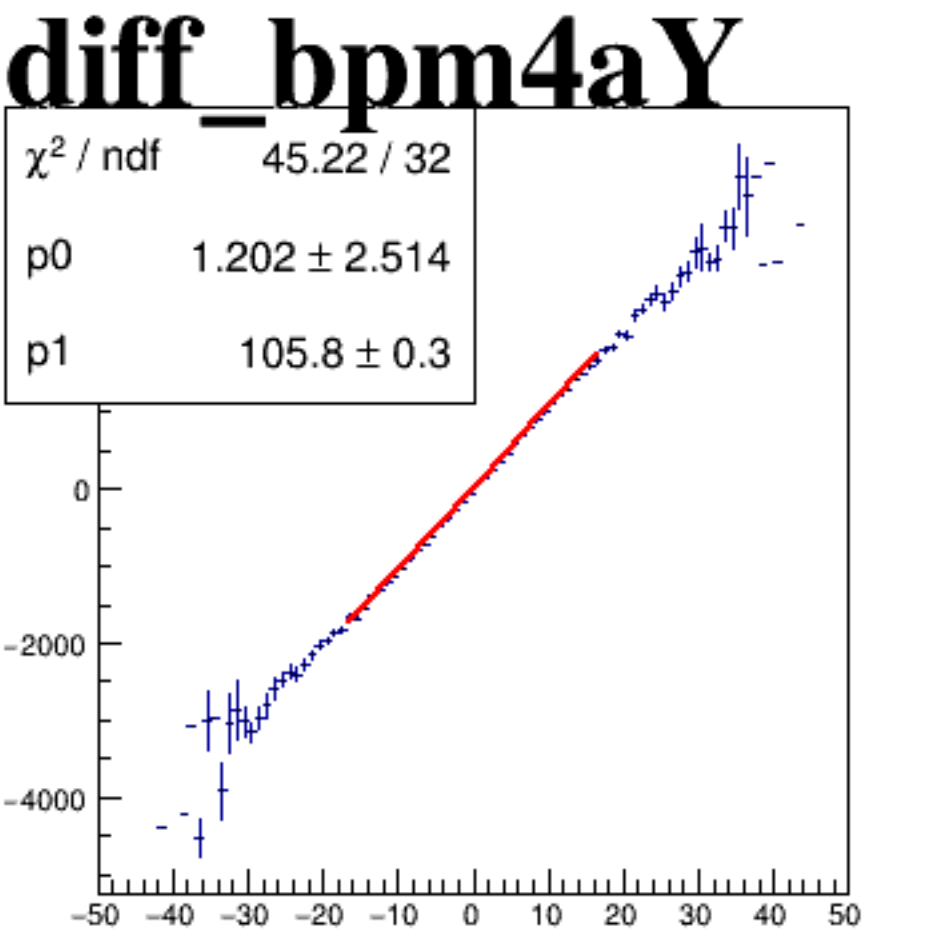
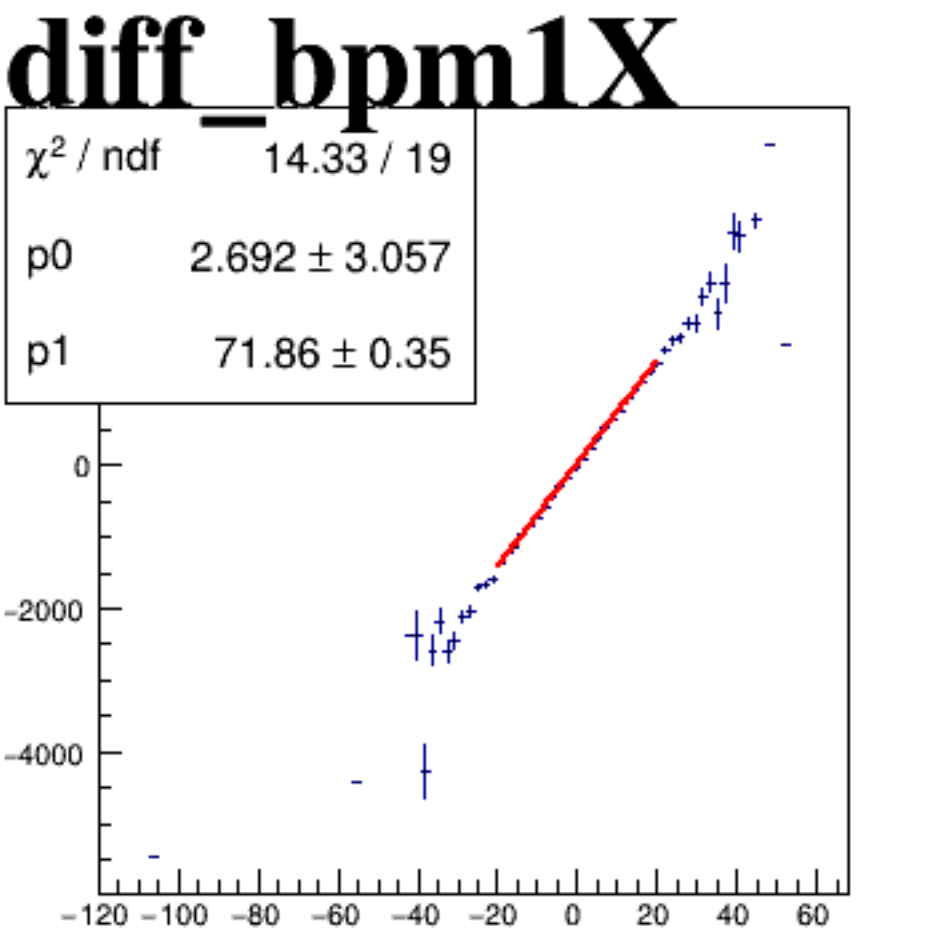
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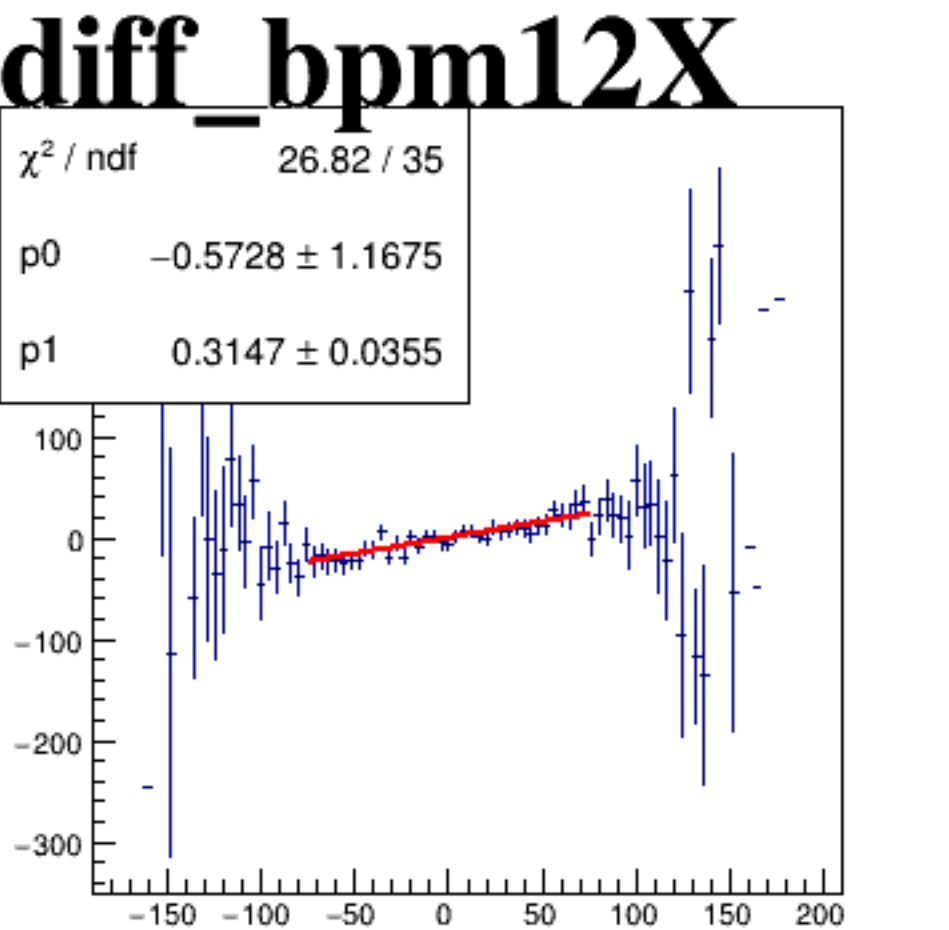
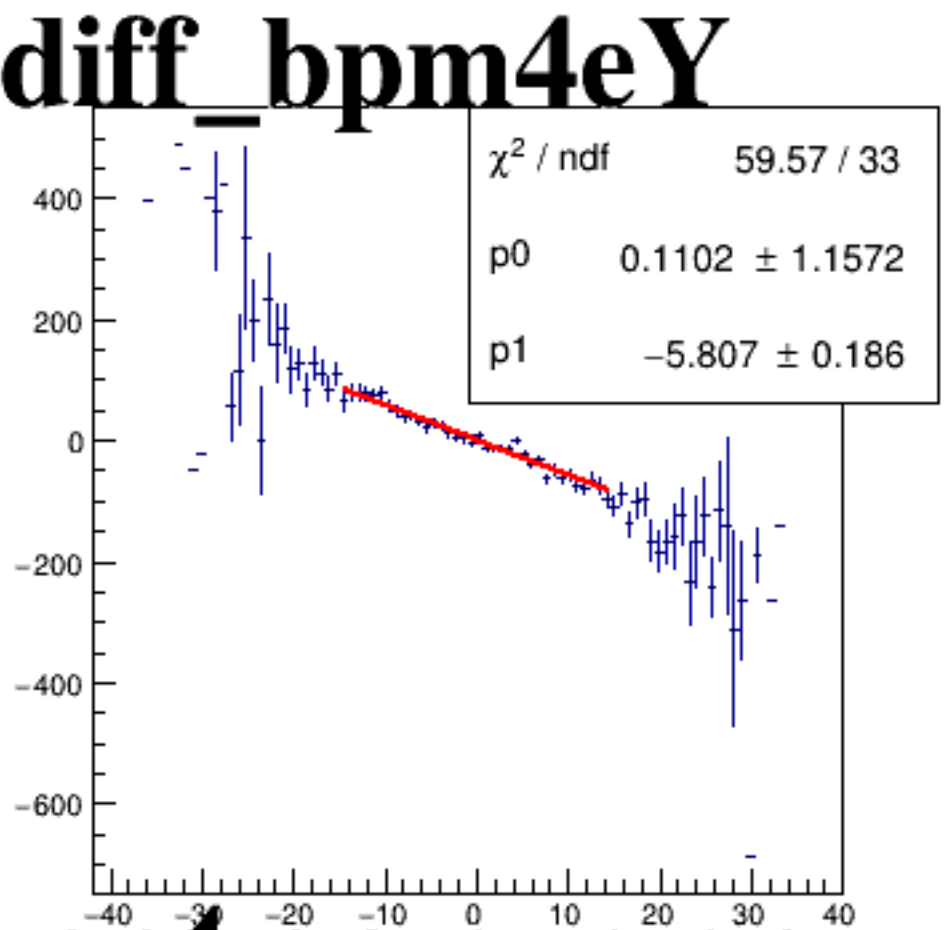
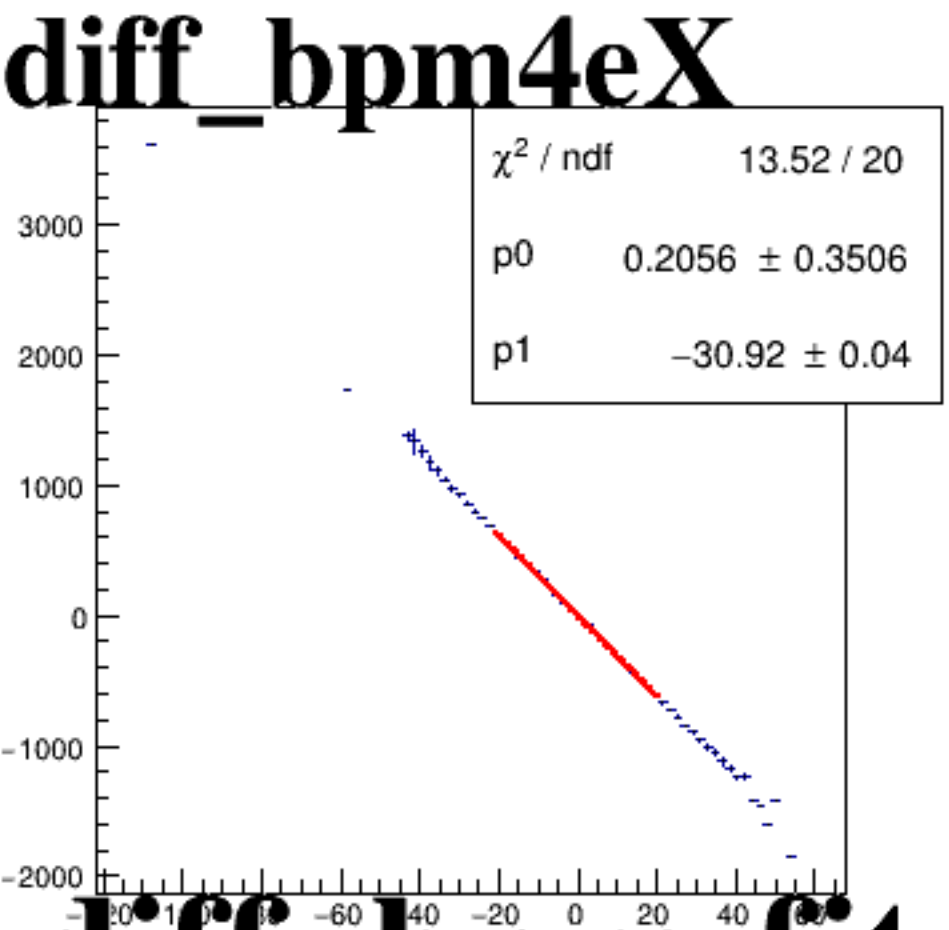
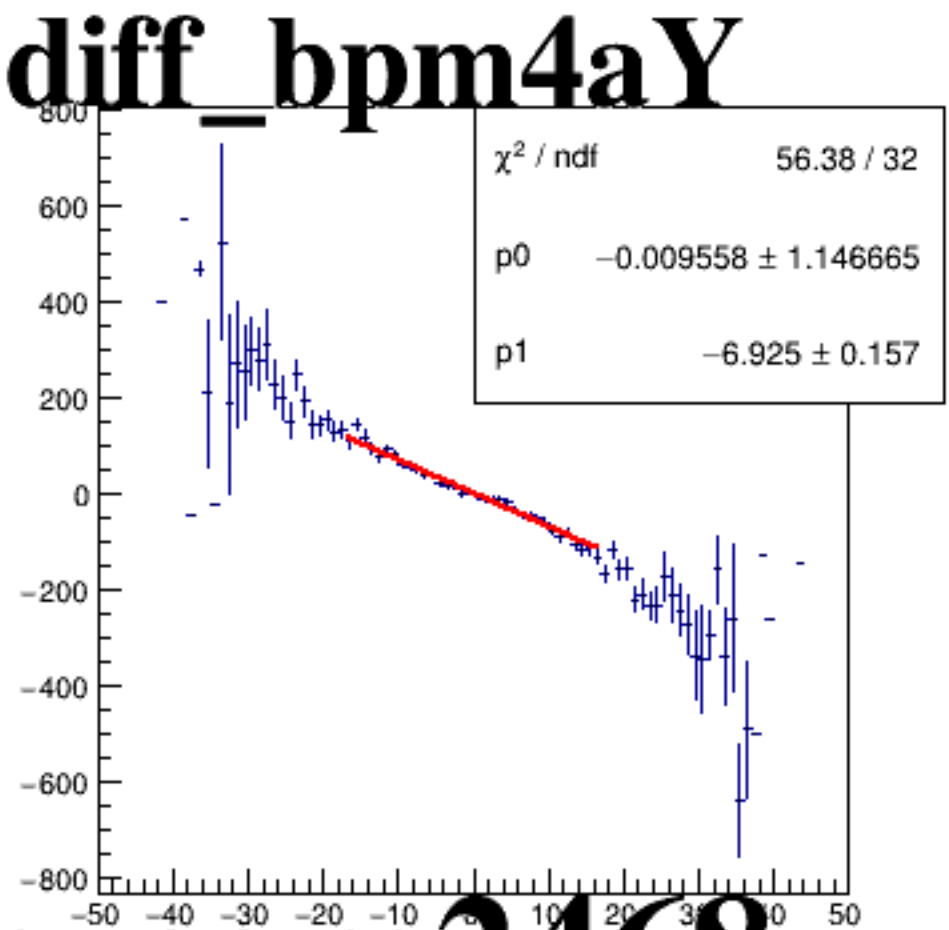
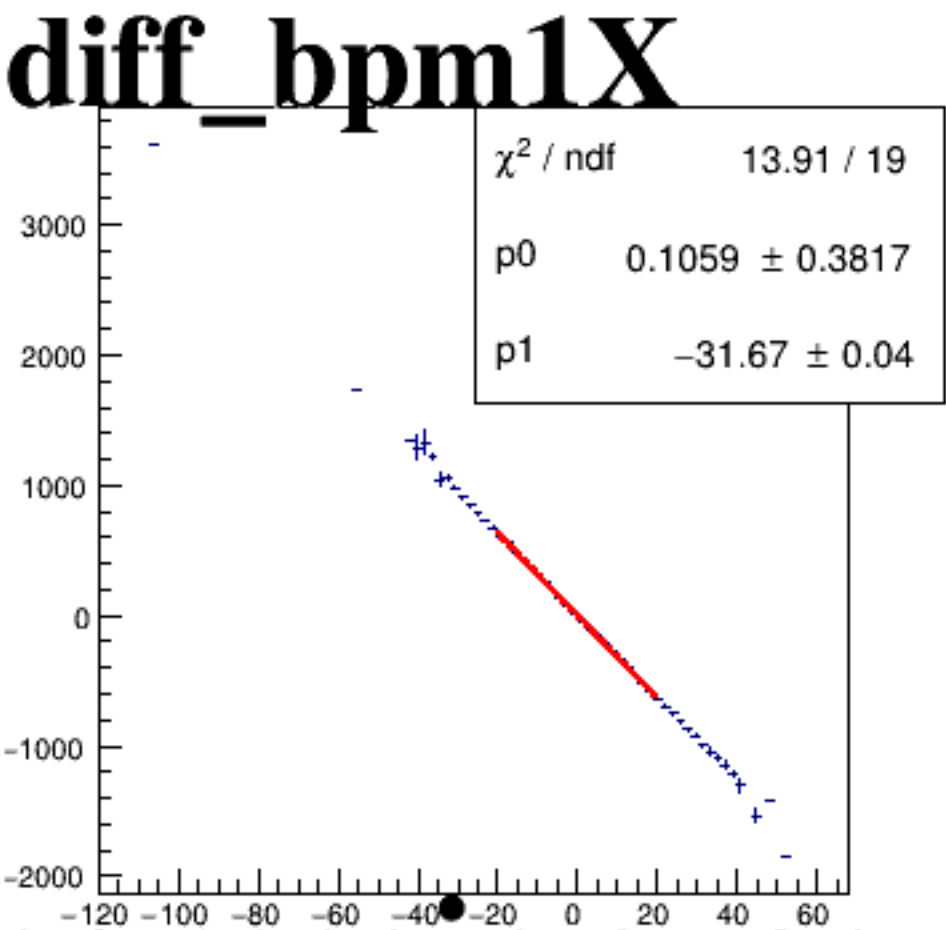
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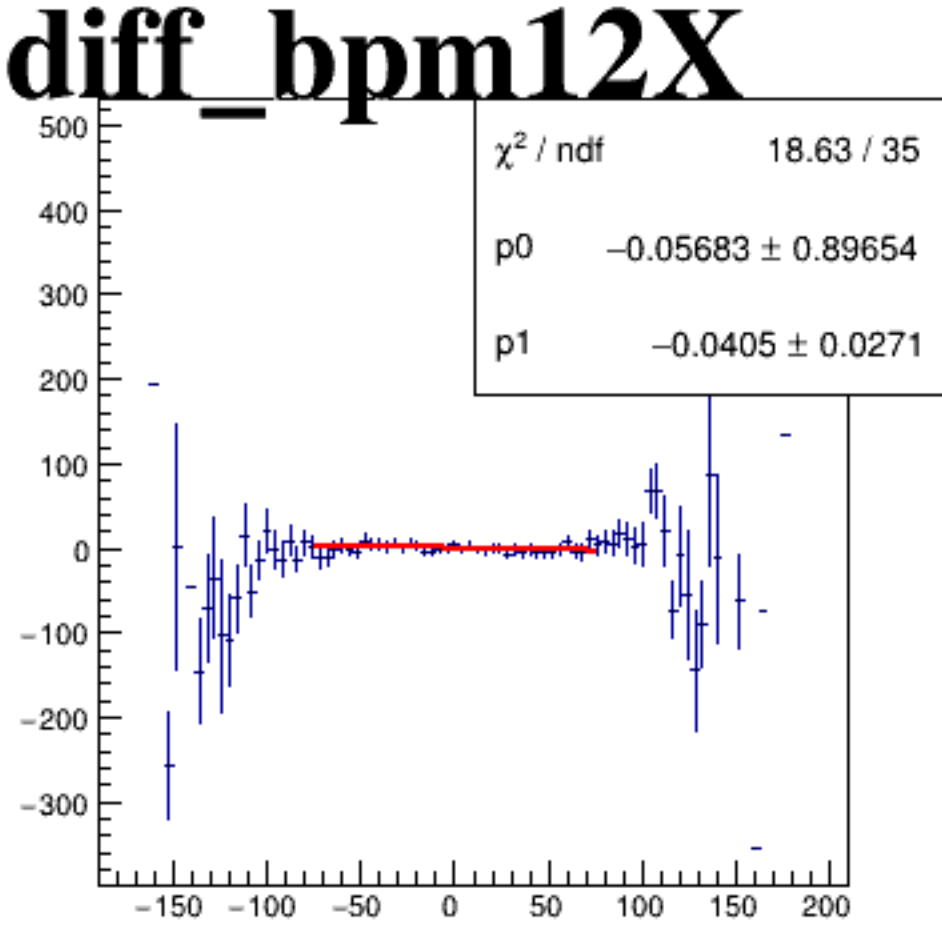
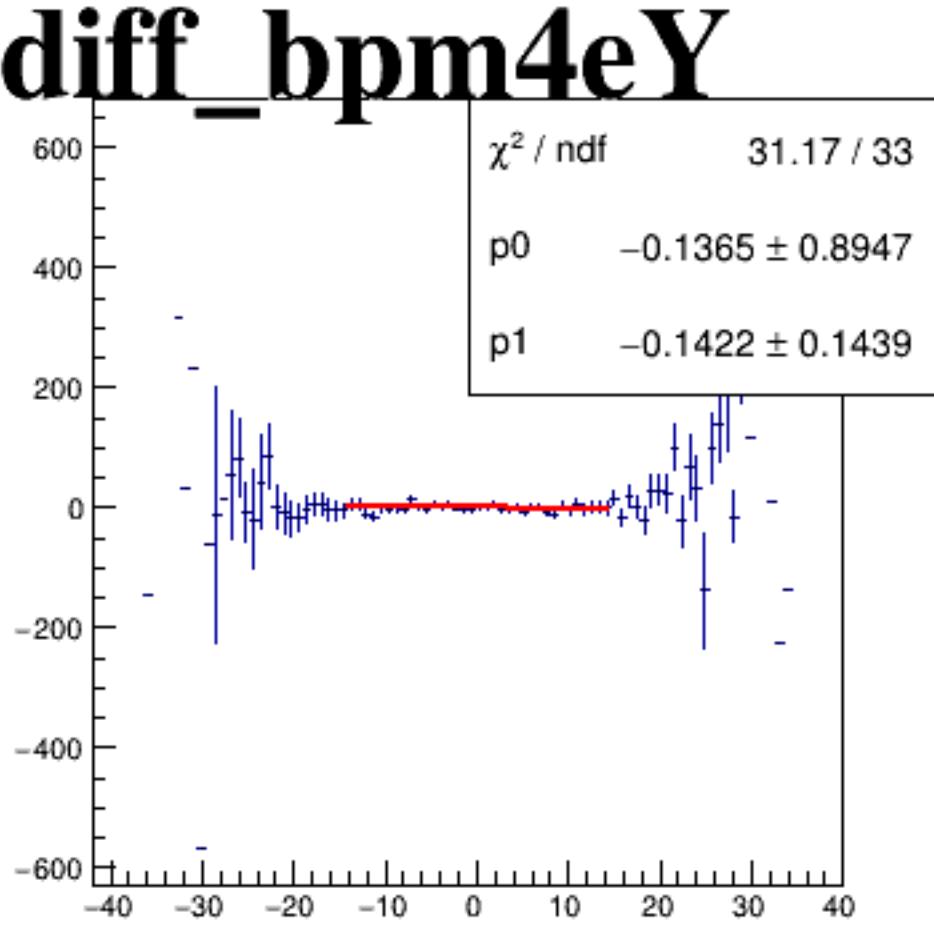
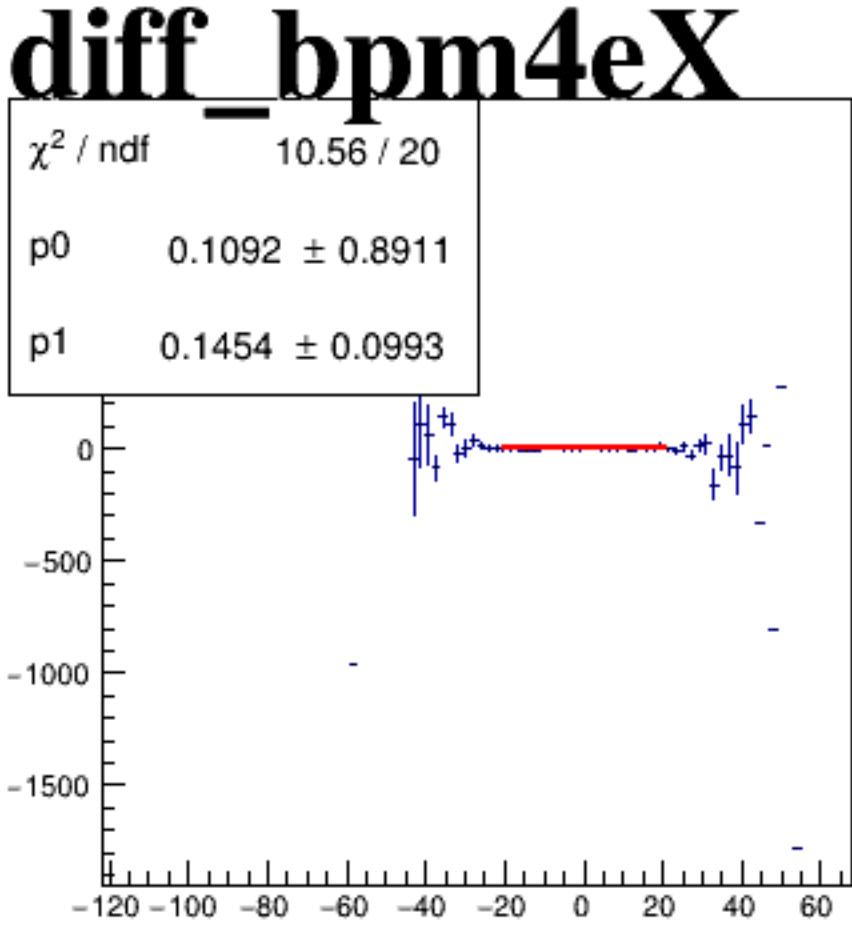
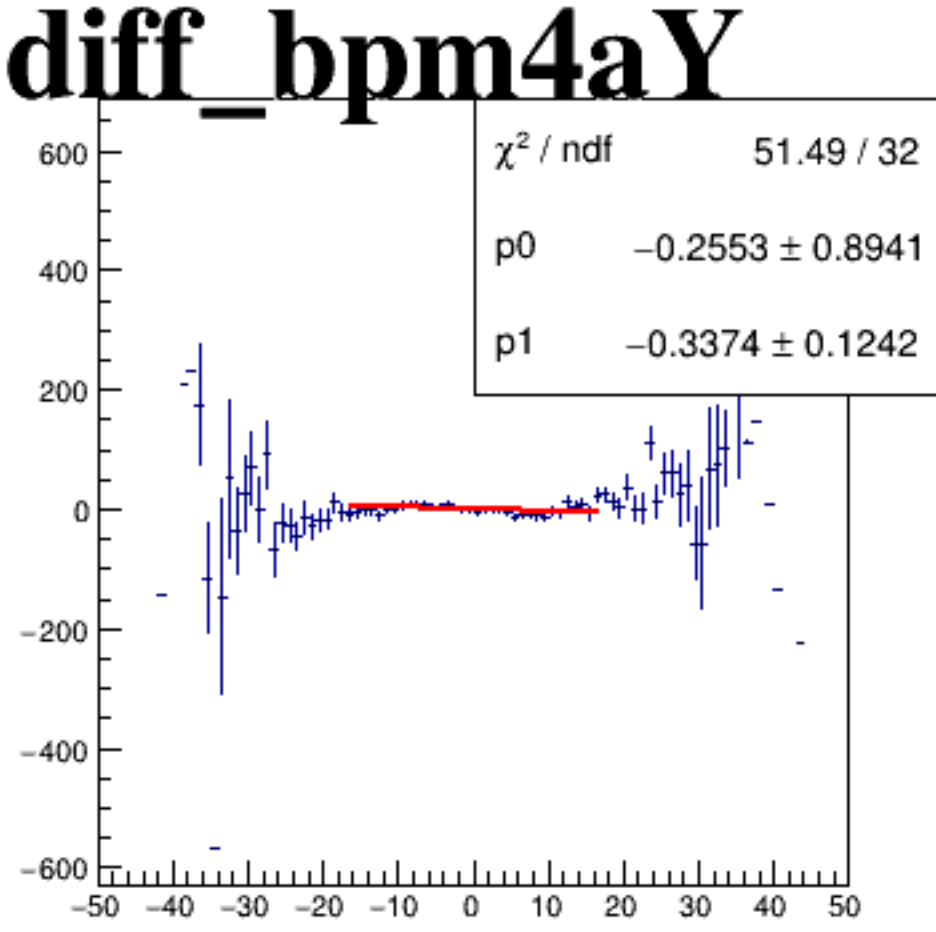
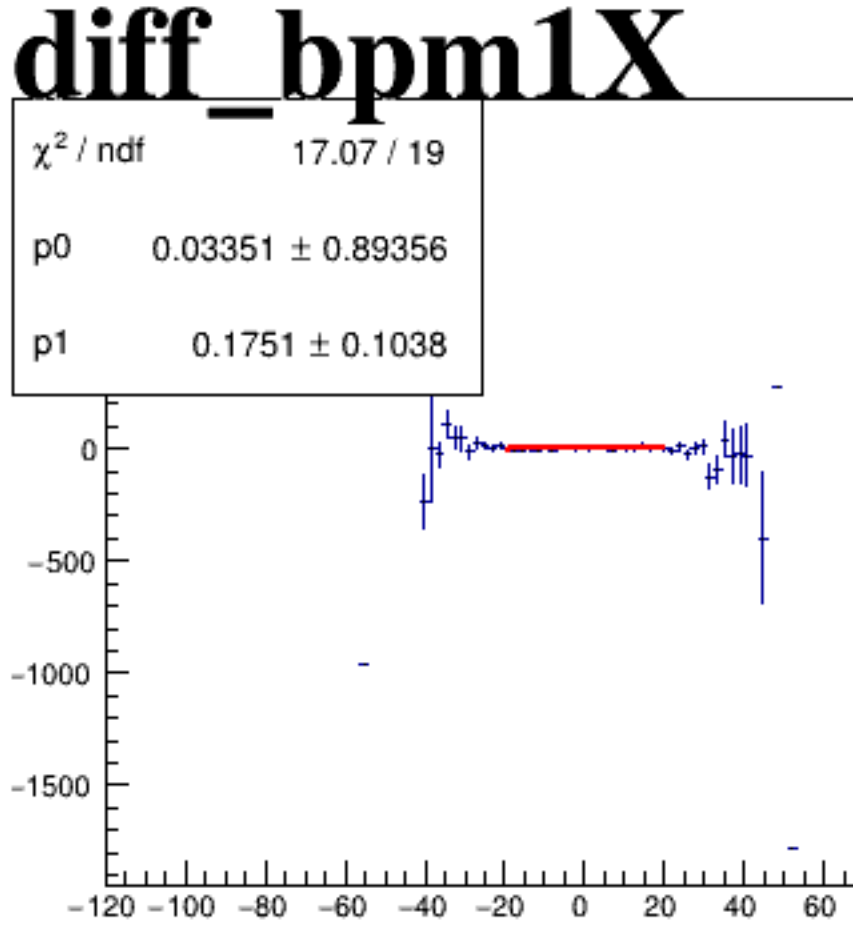
asym_sam6



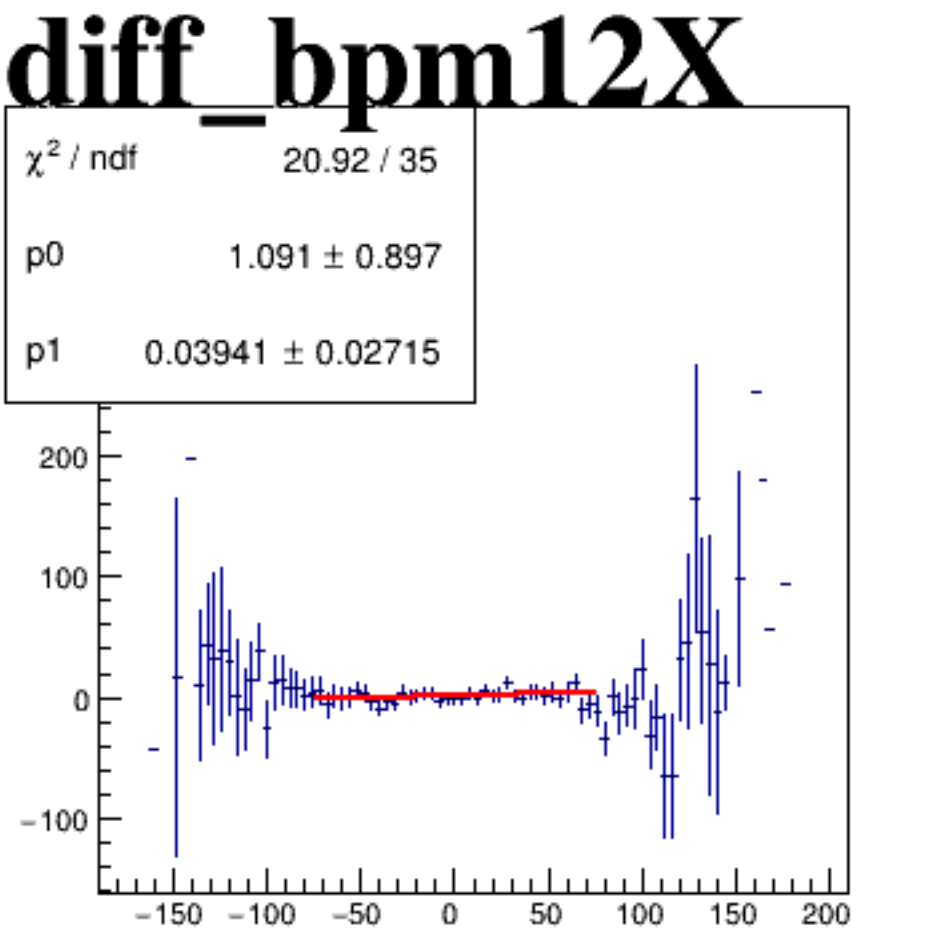
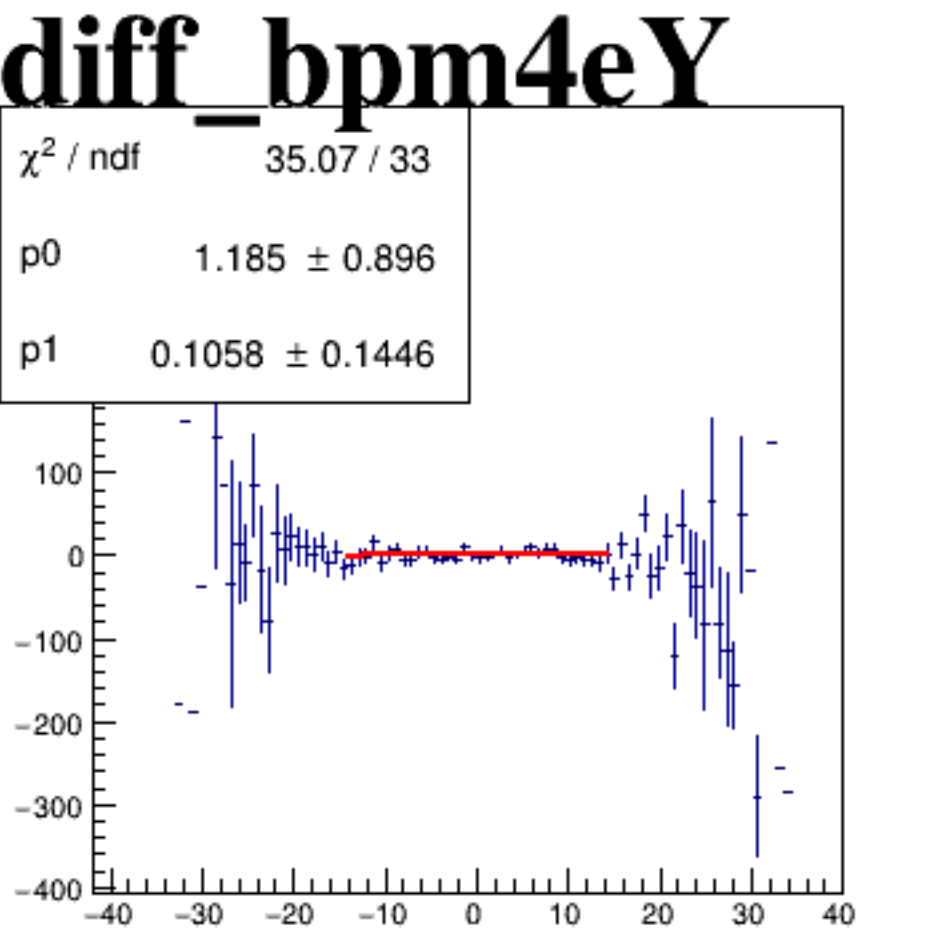
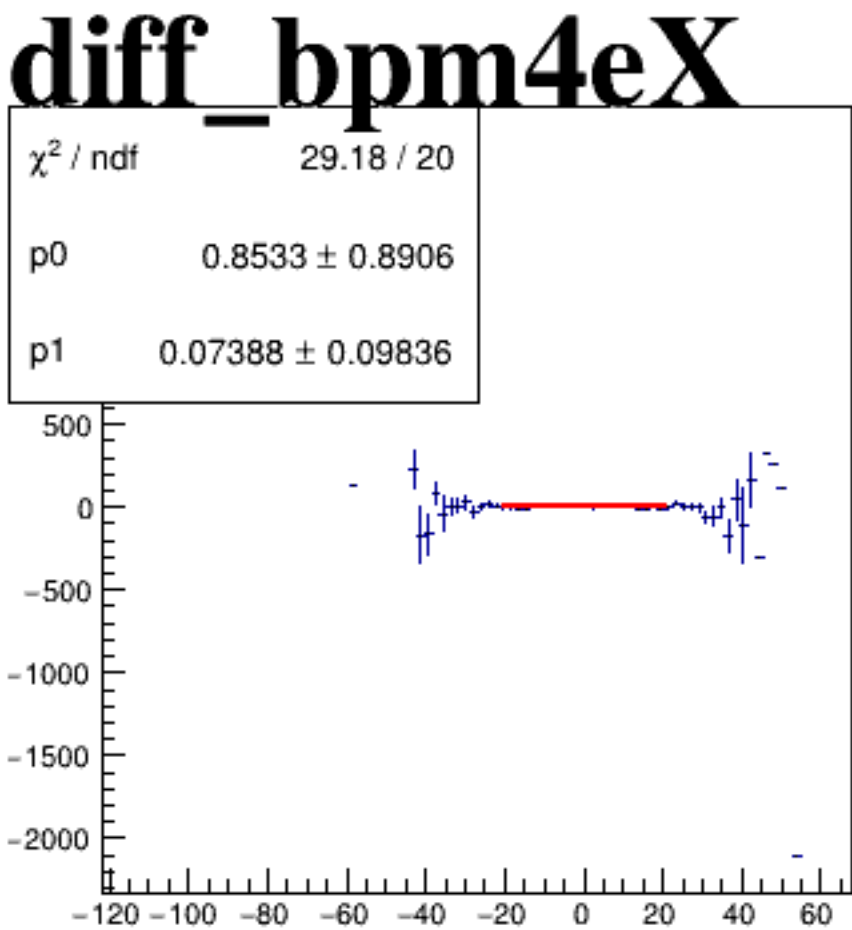
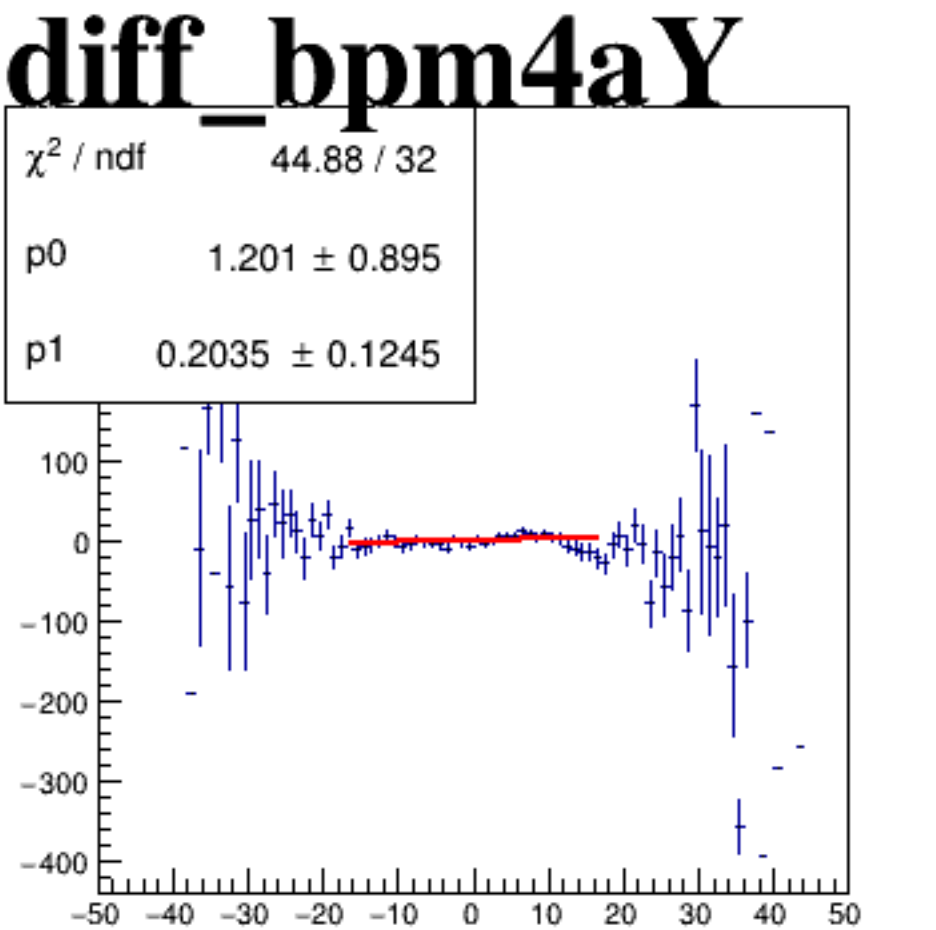
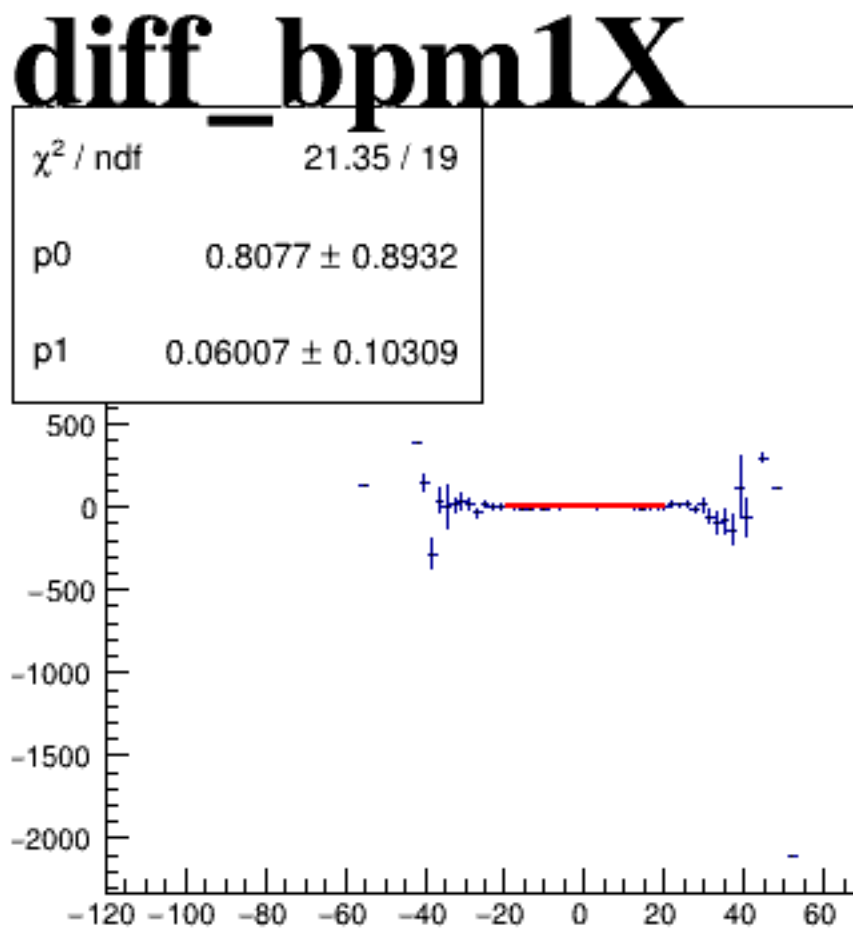
asym_sam8



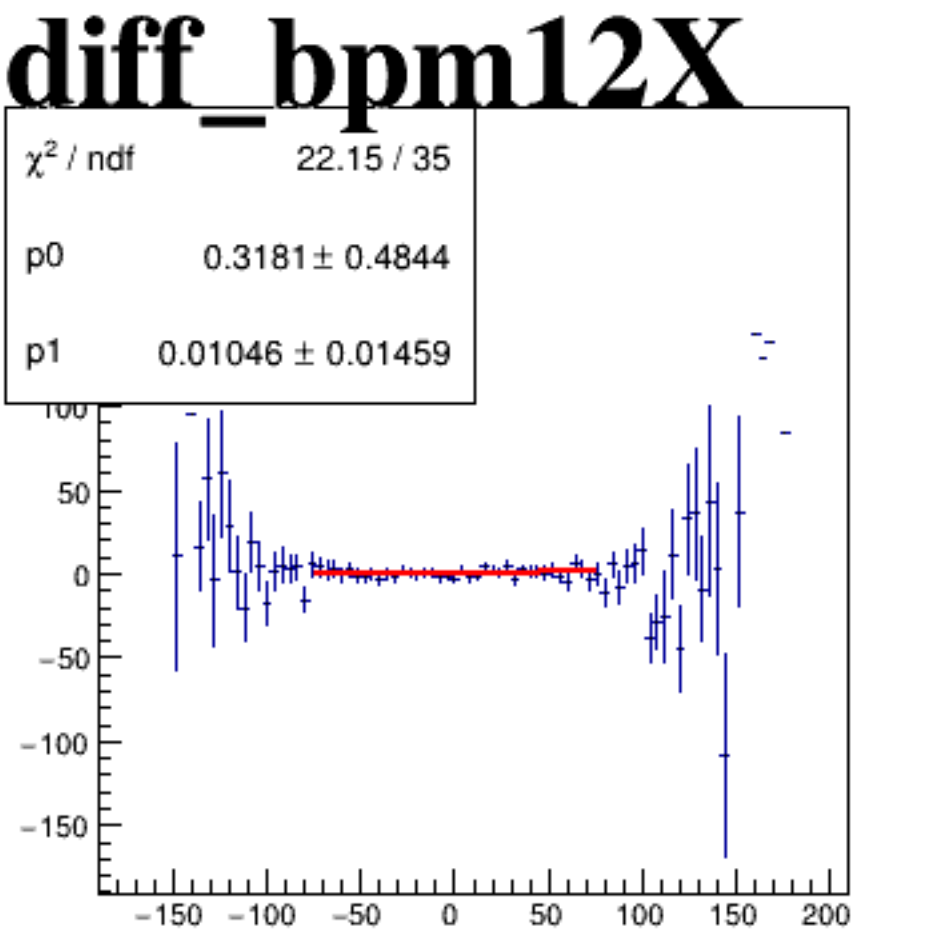
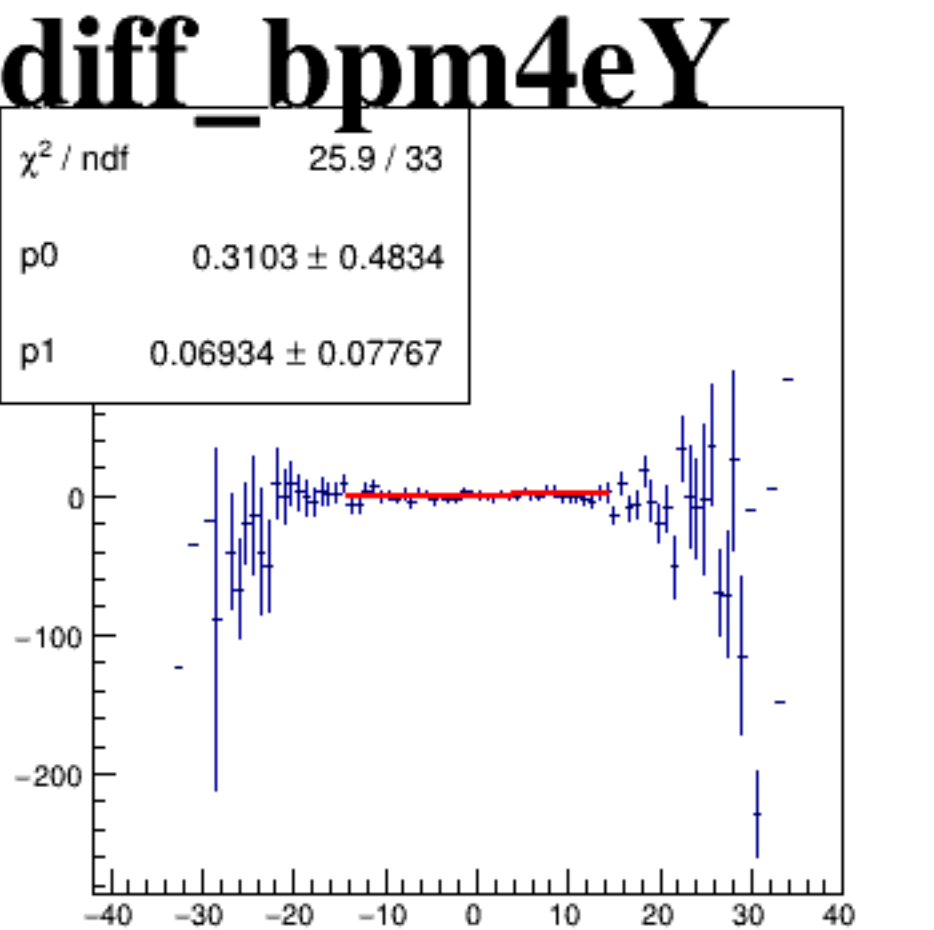
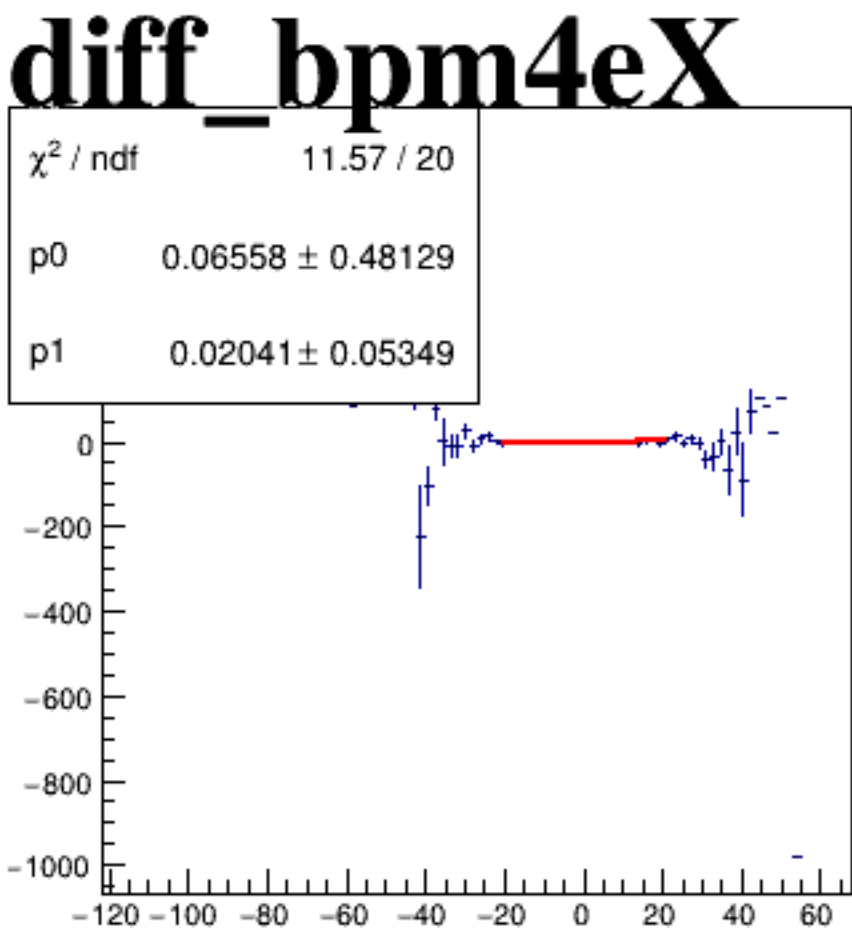
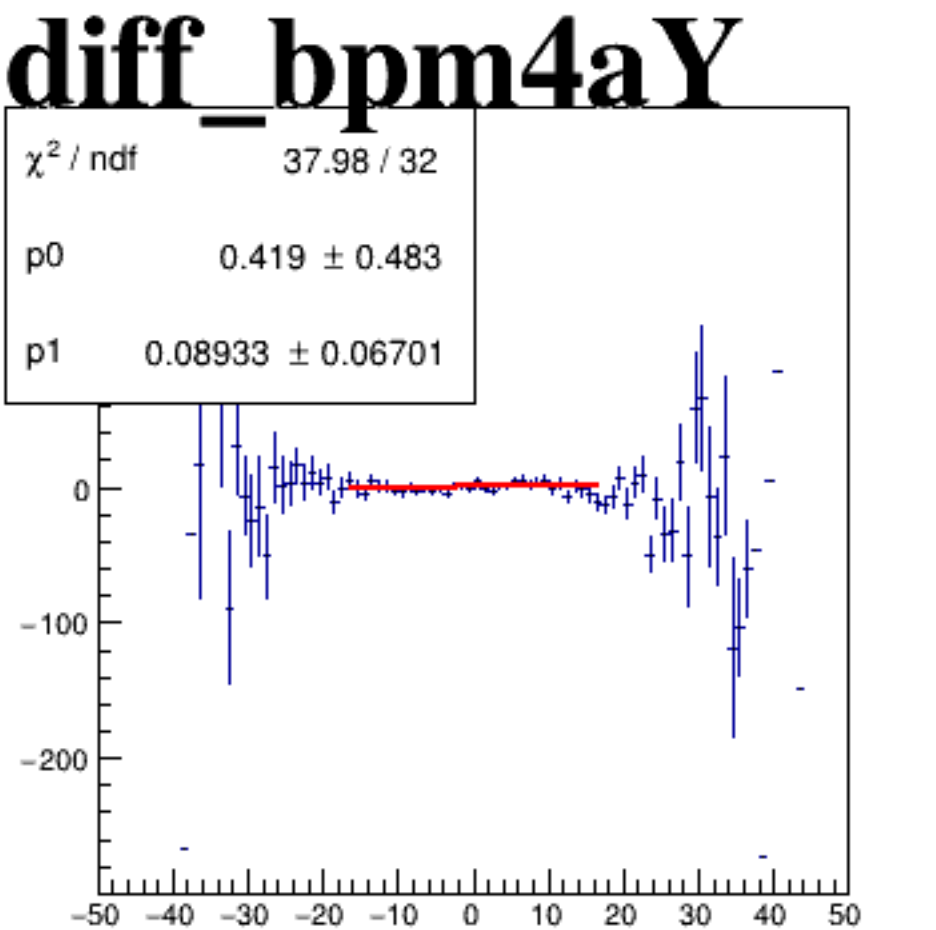
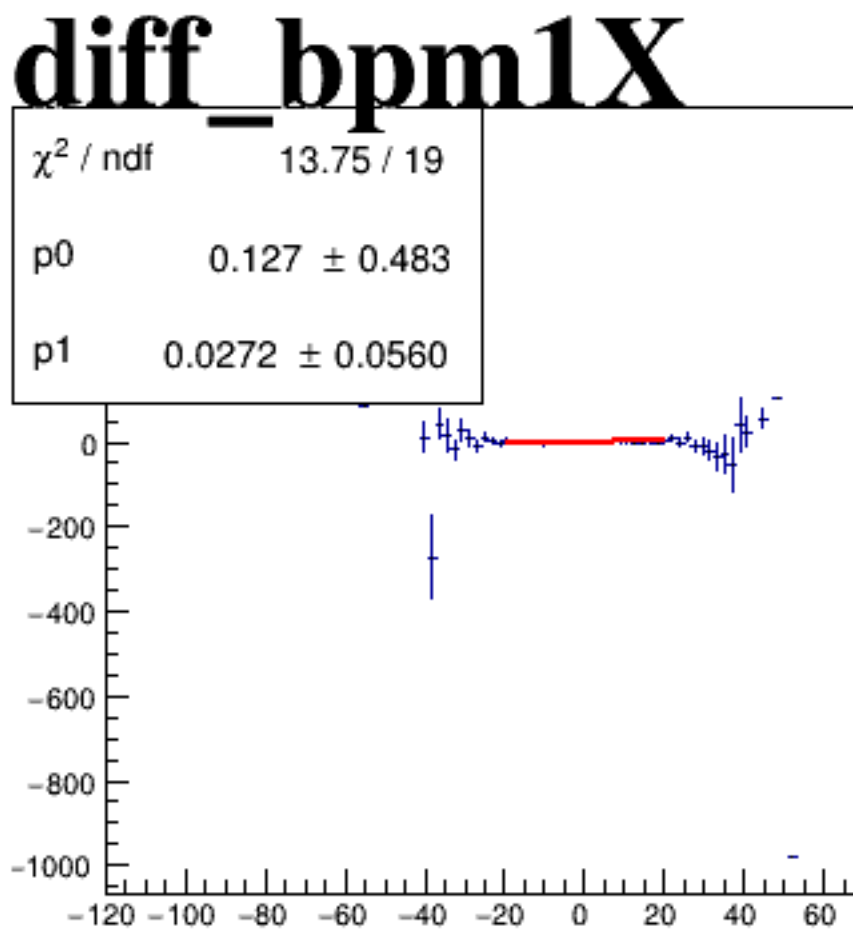
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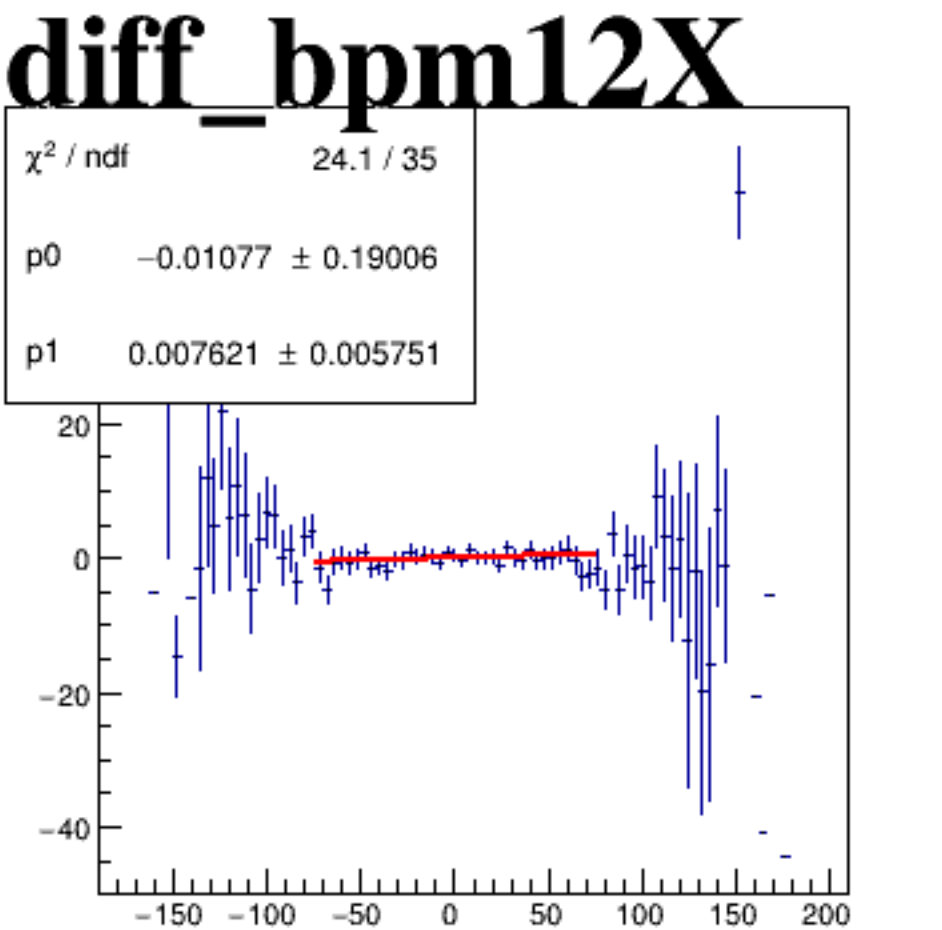
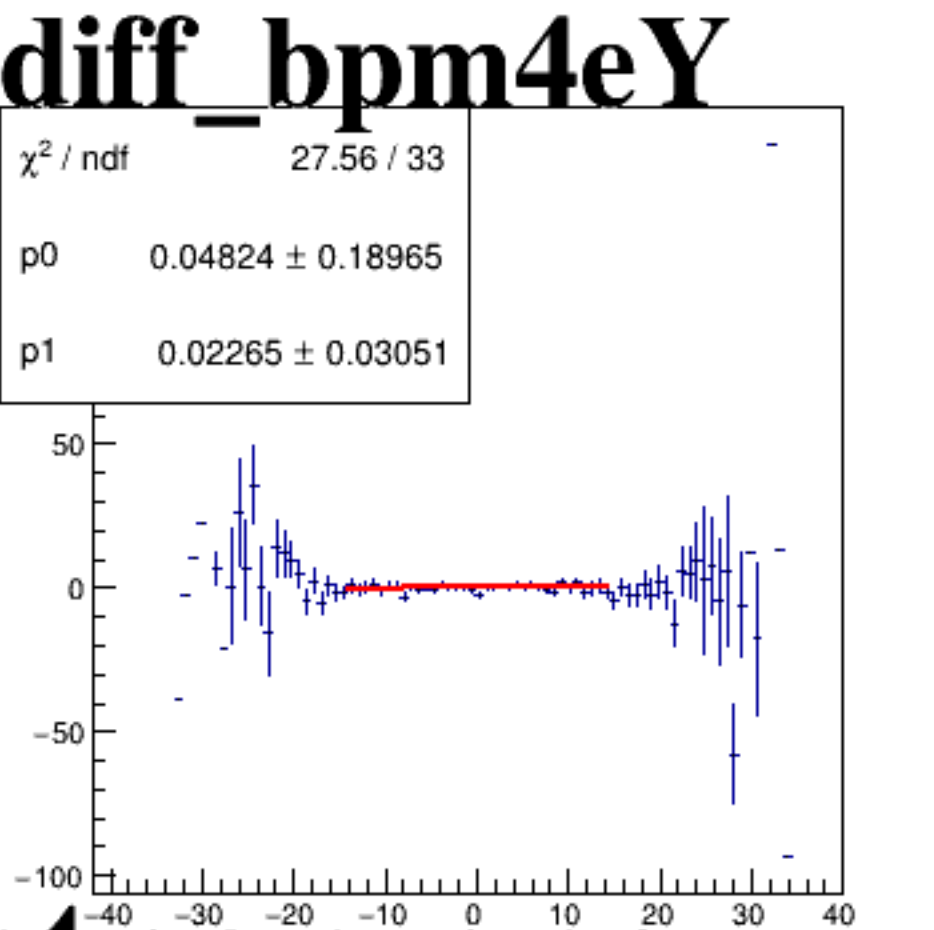
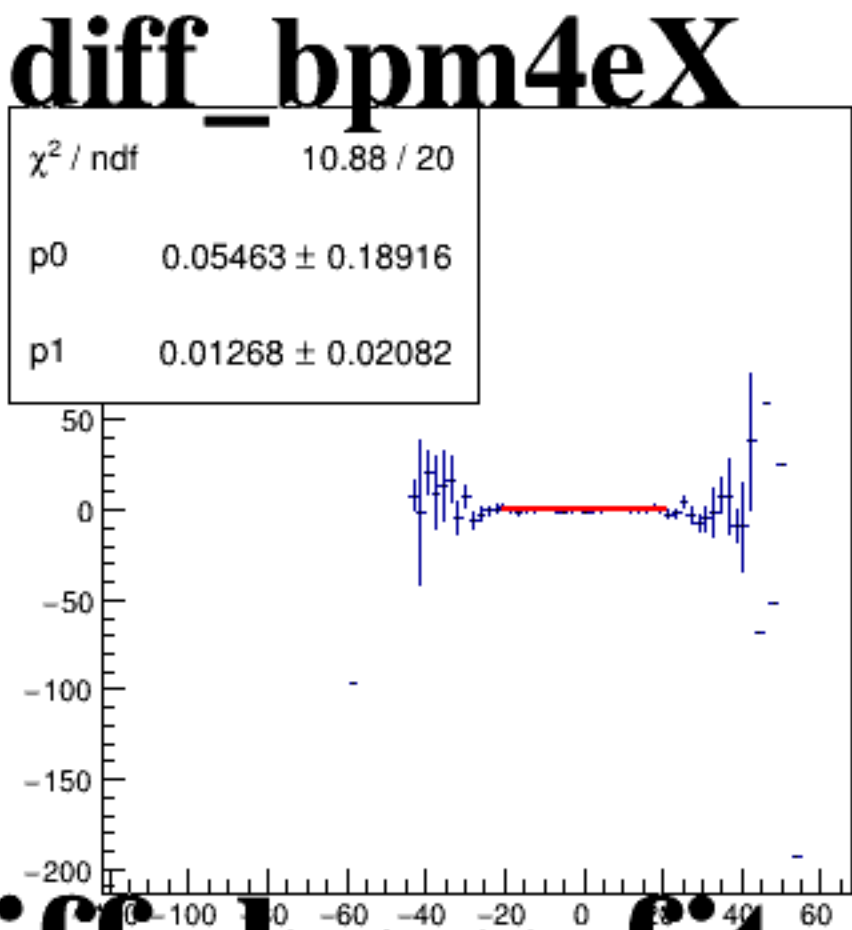
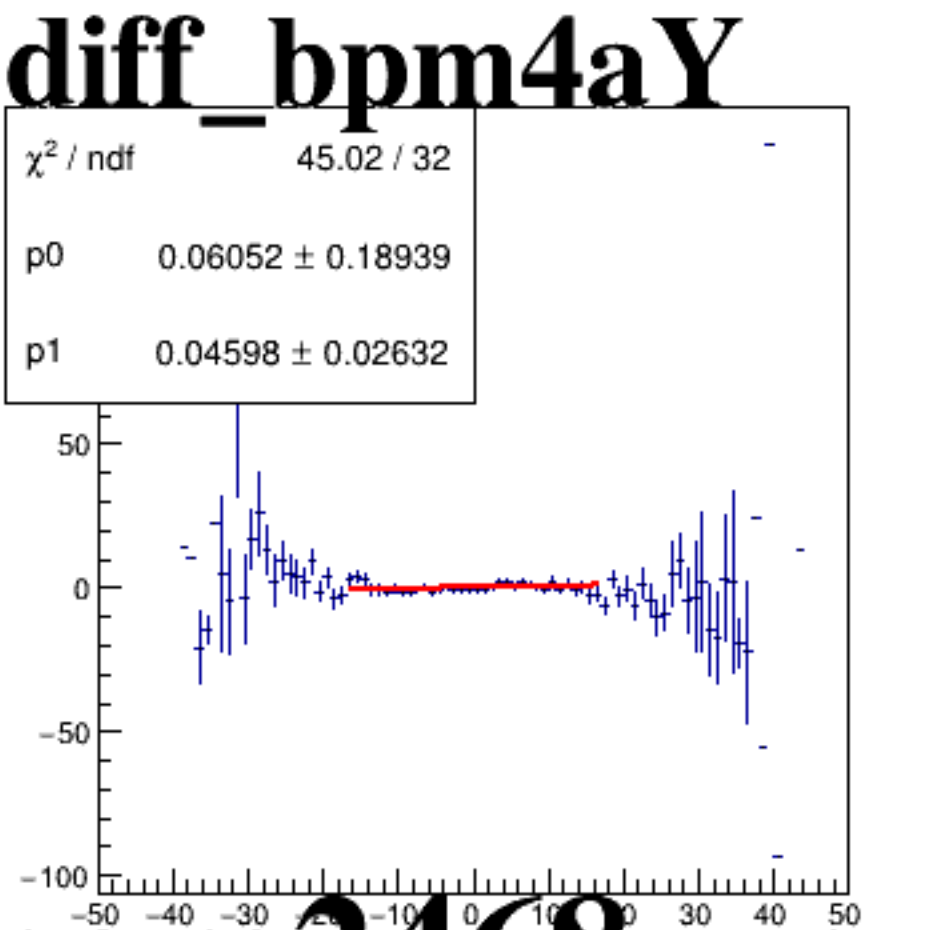
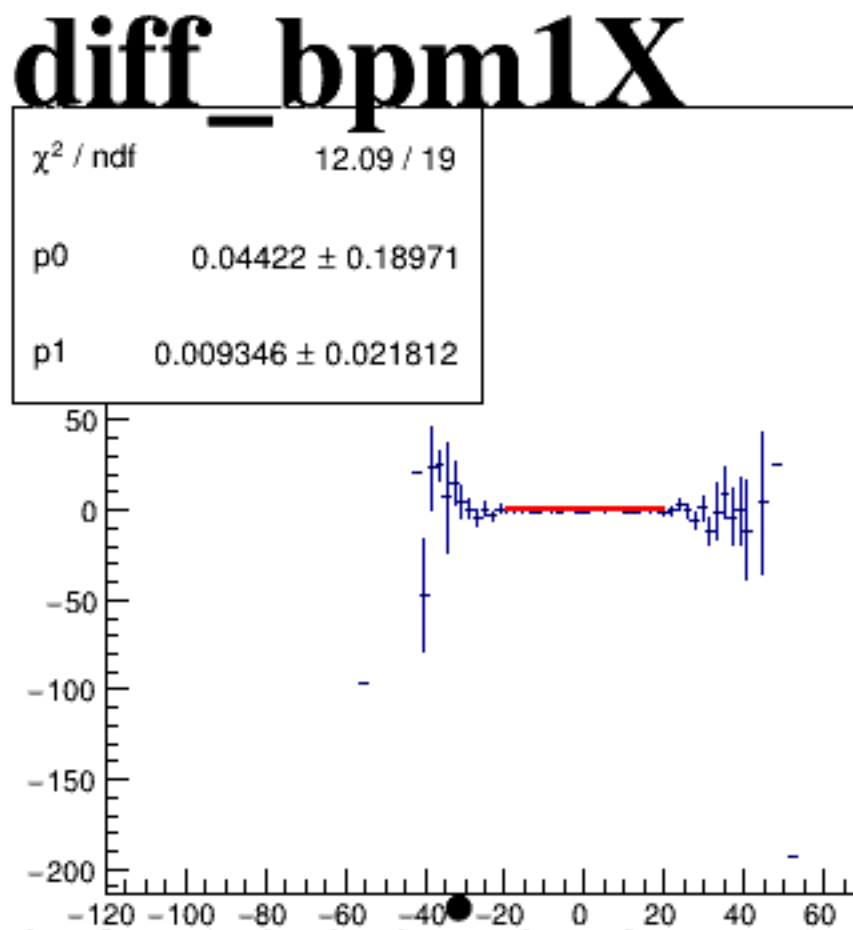
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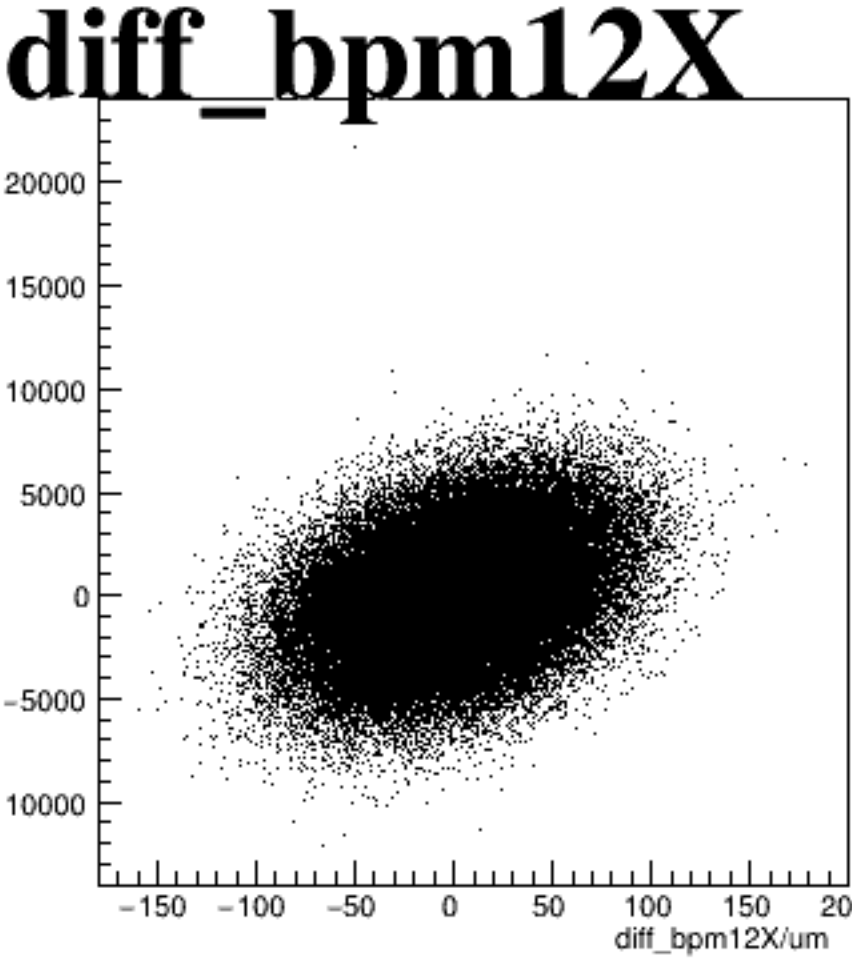
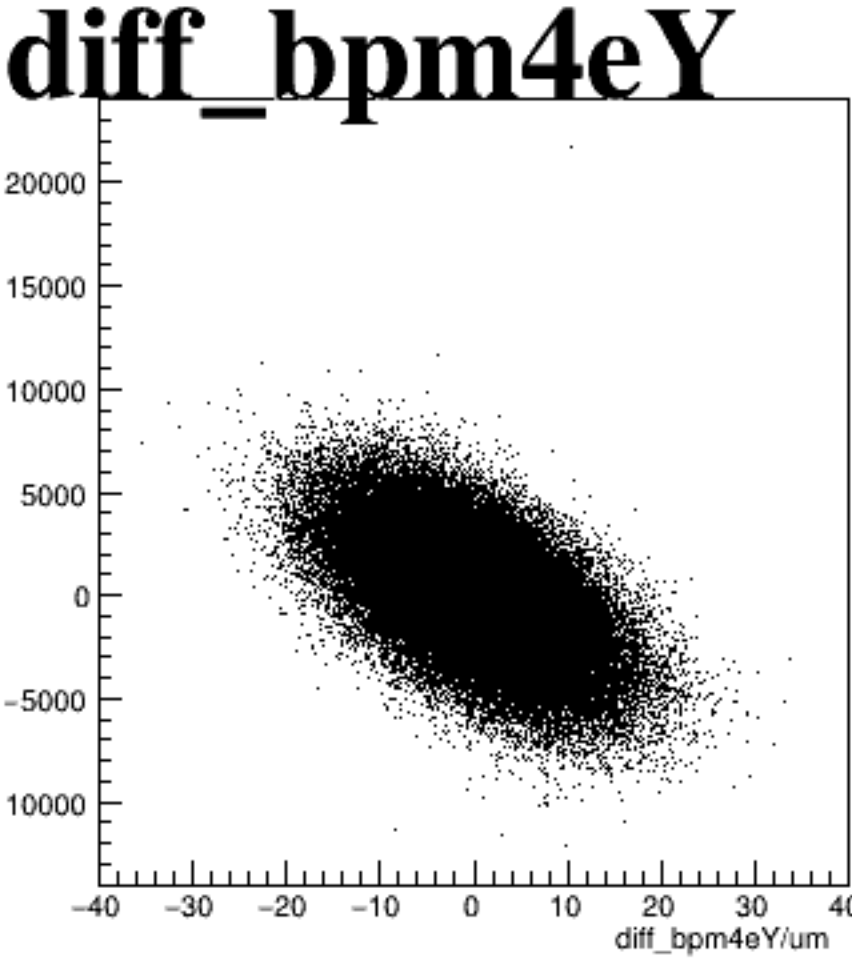
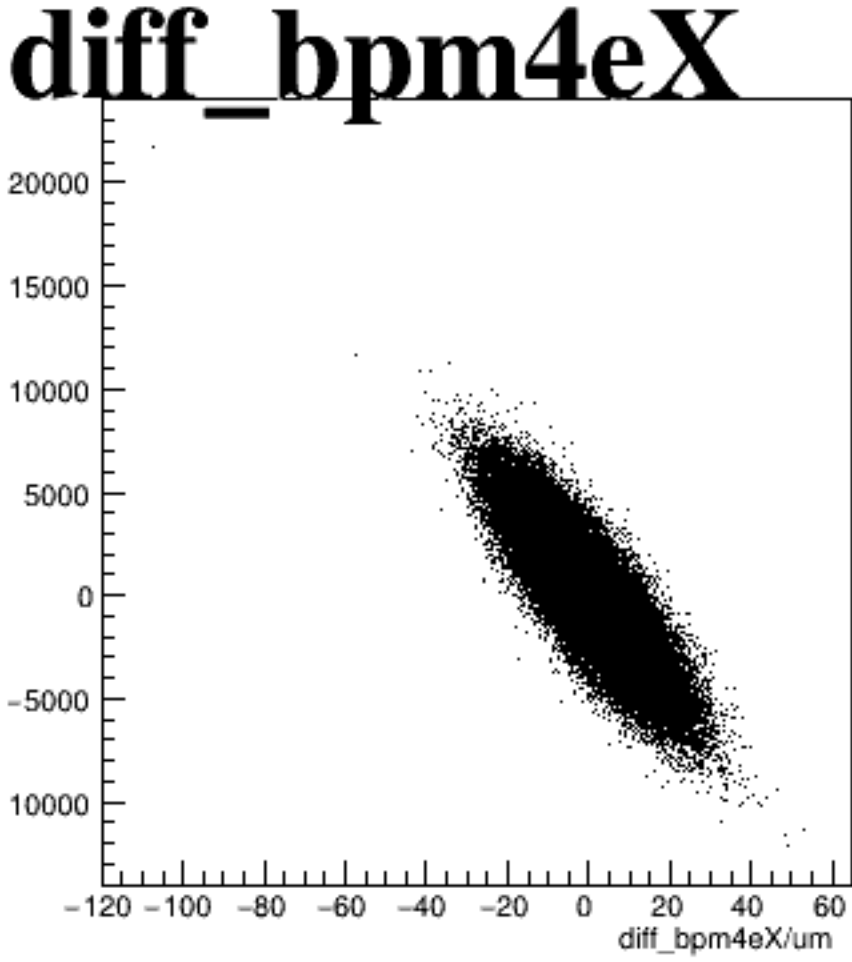
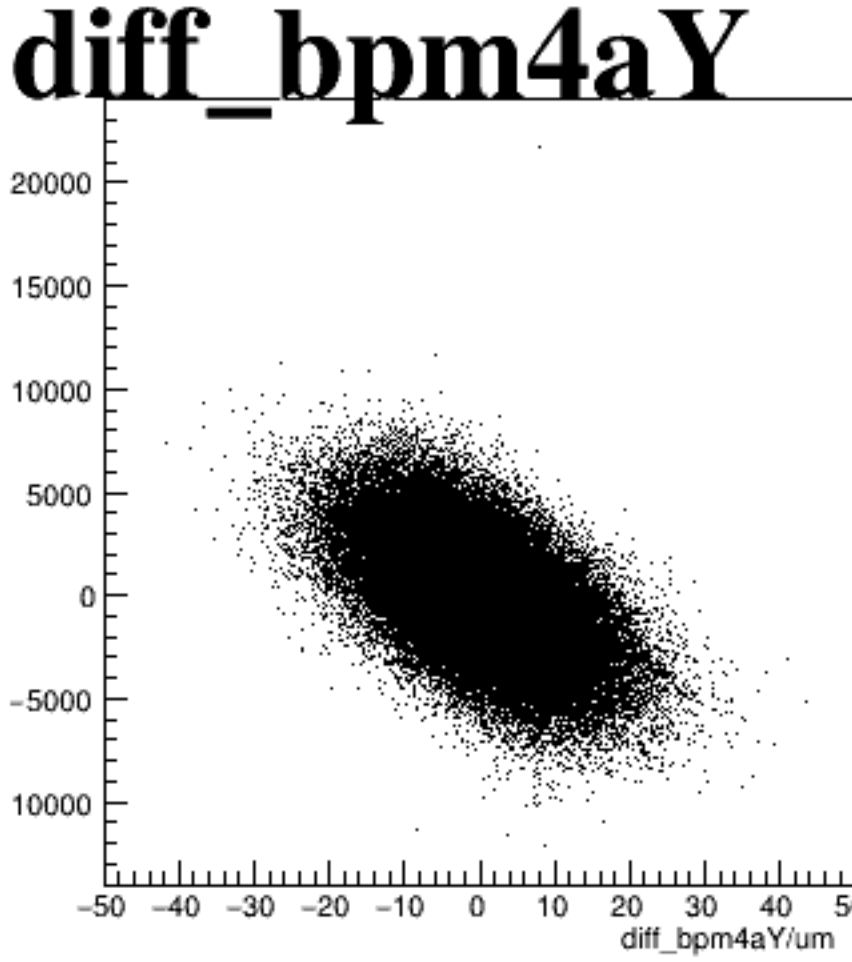
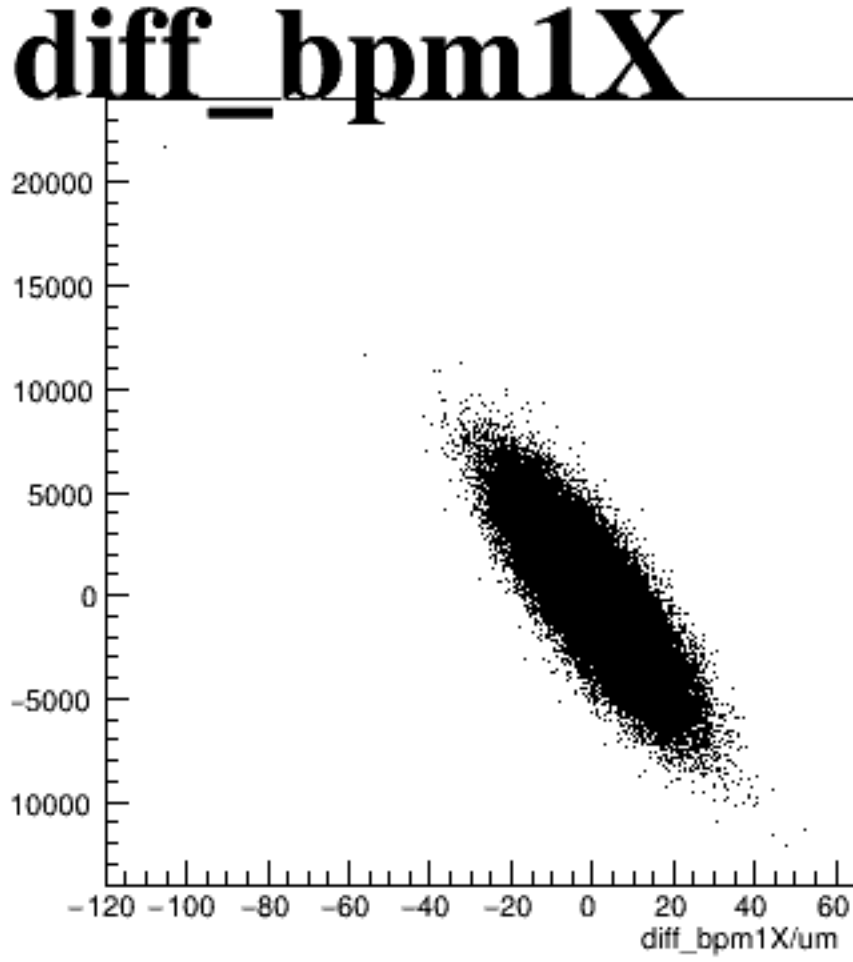
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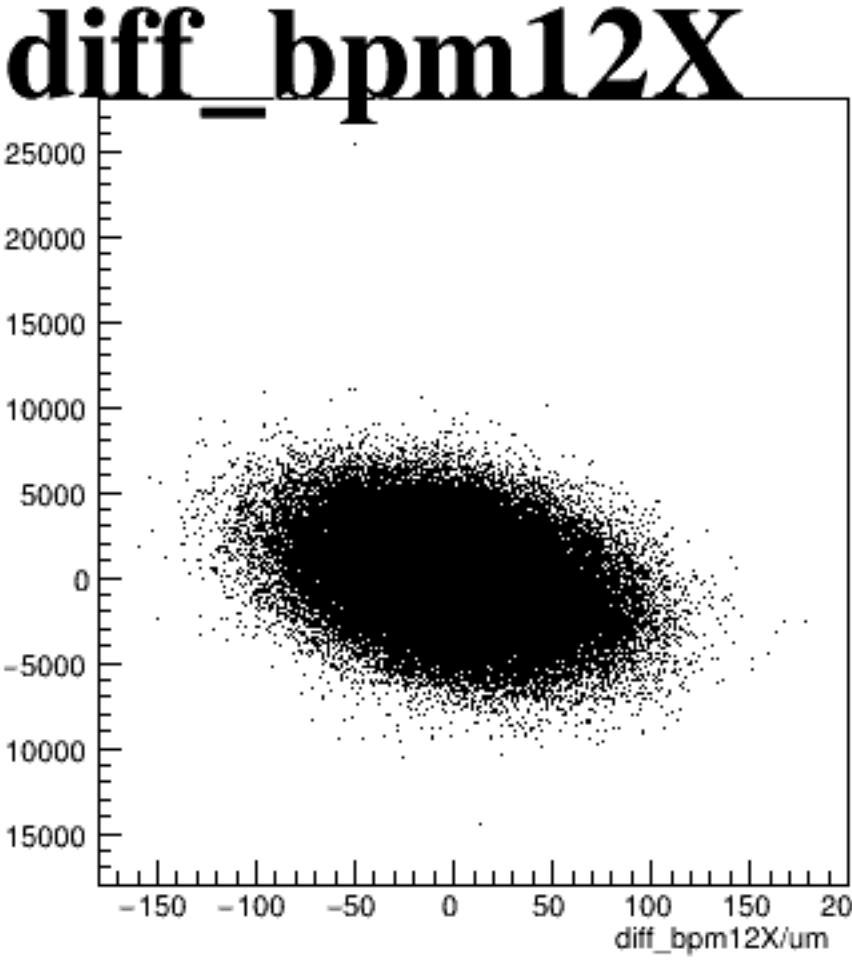
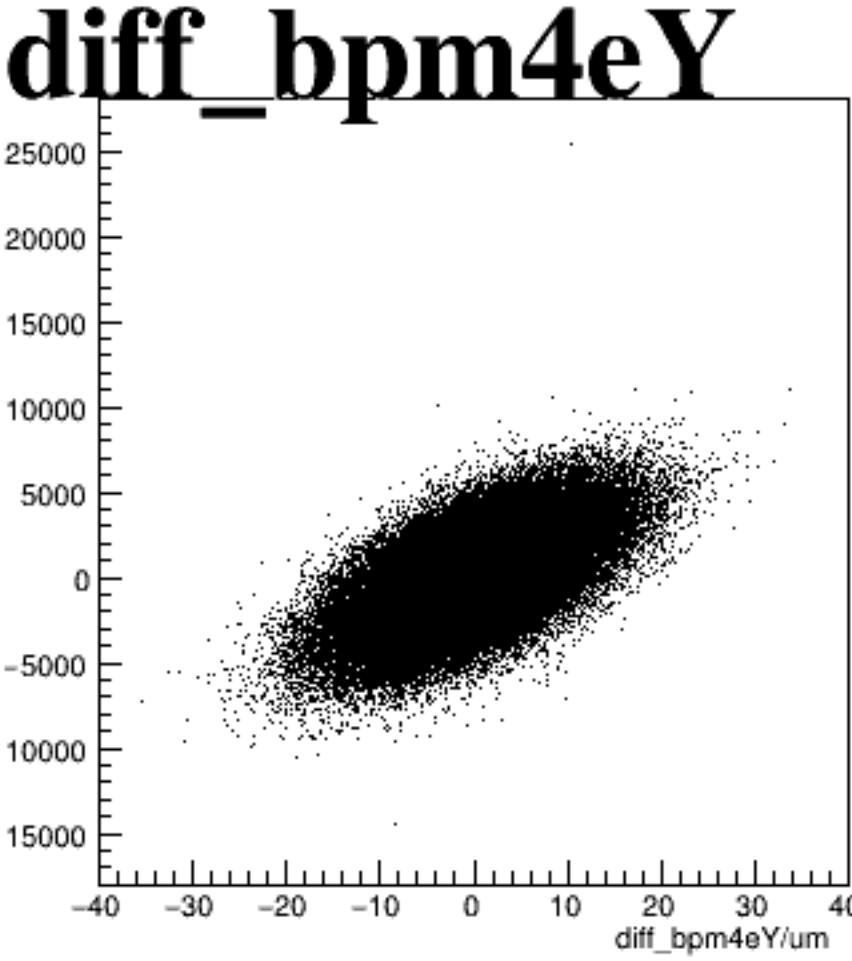
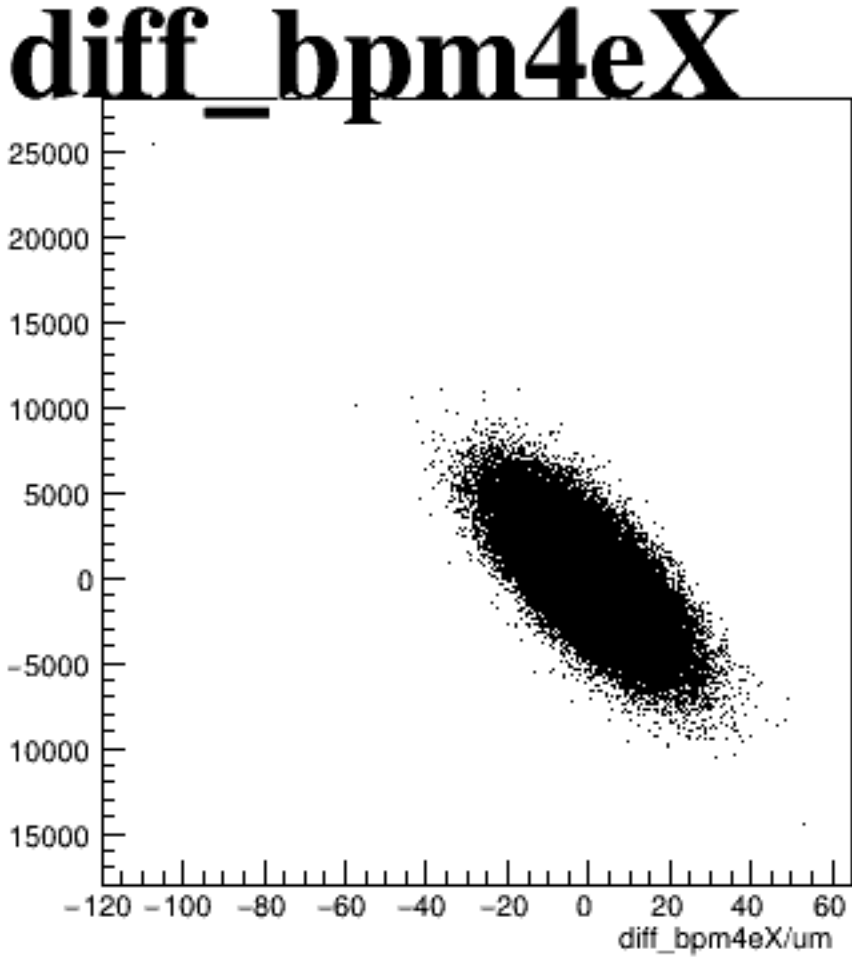
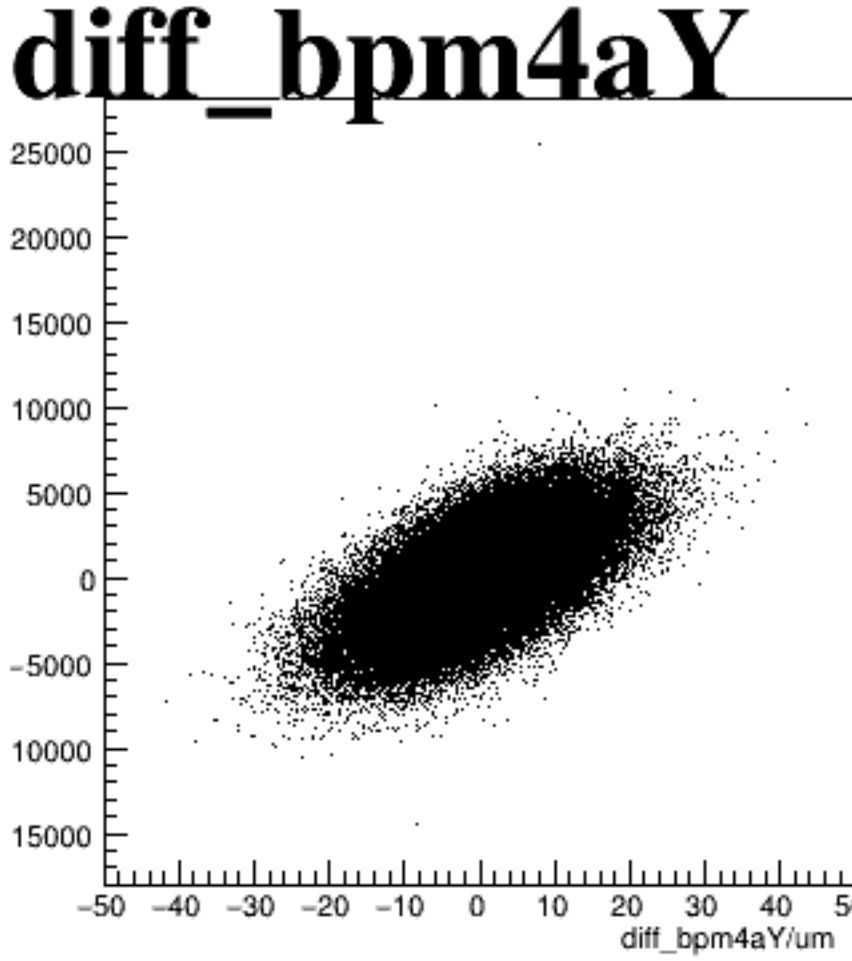
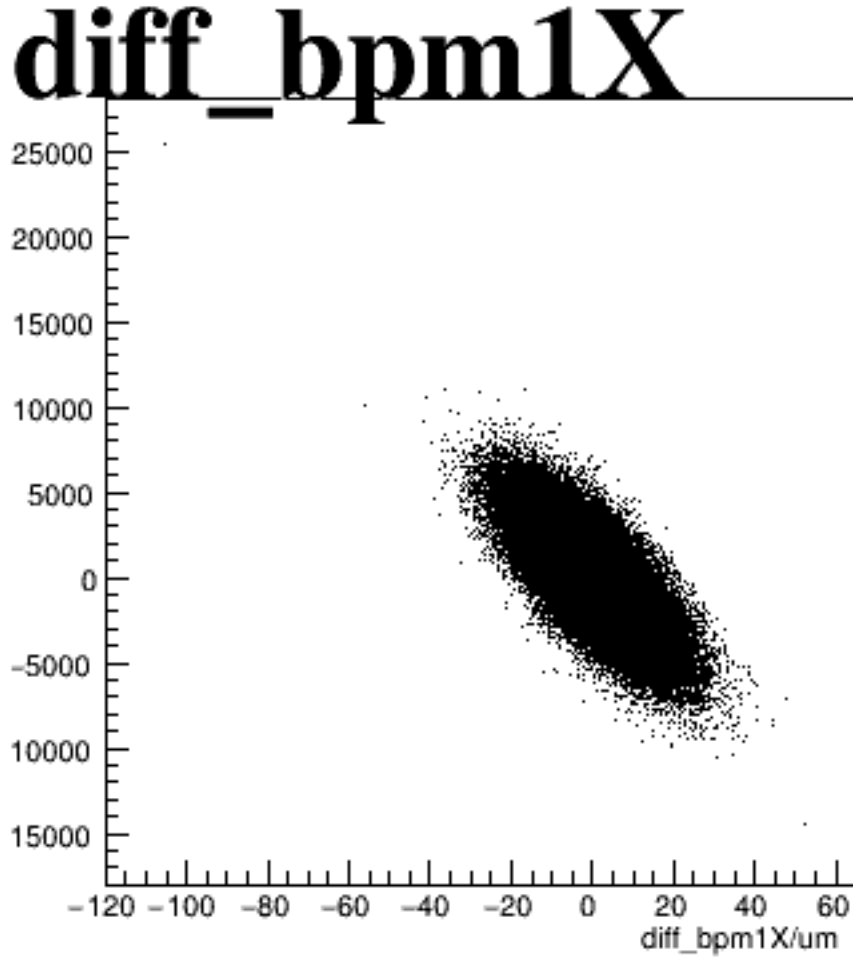
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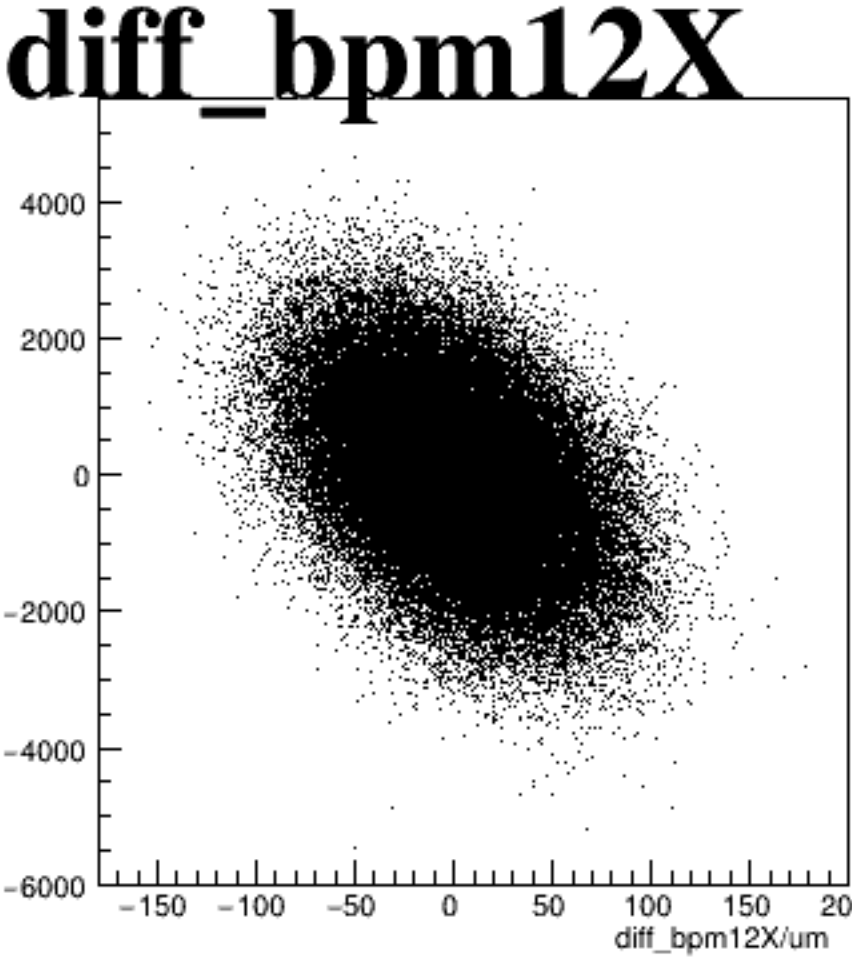
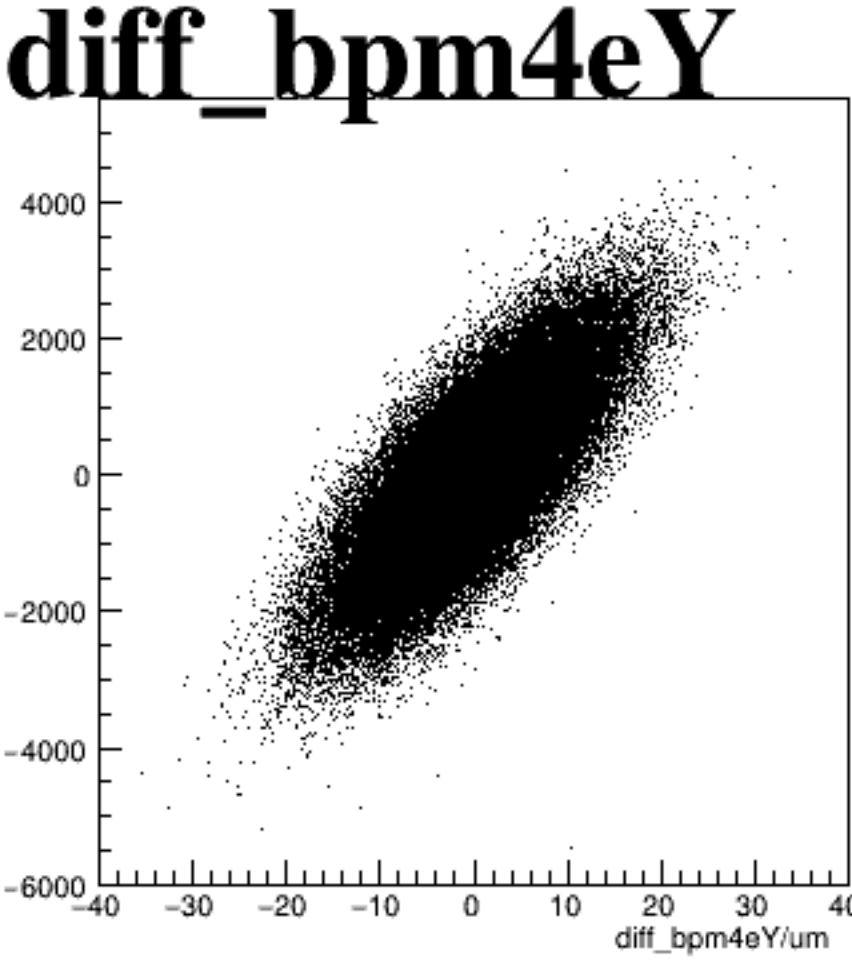
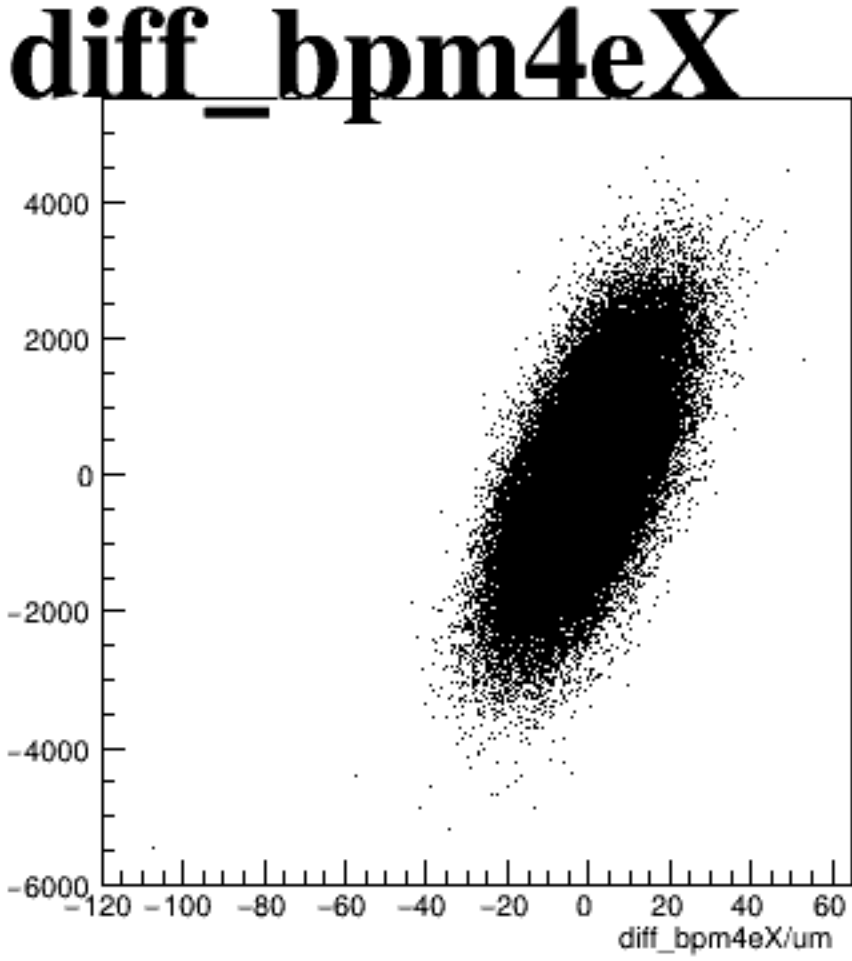
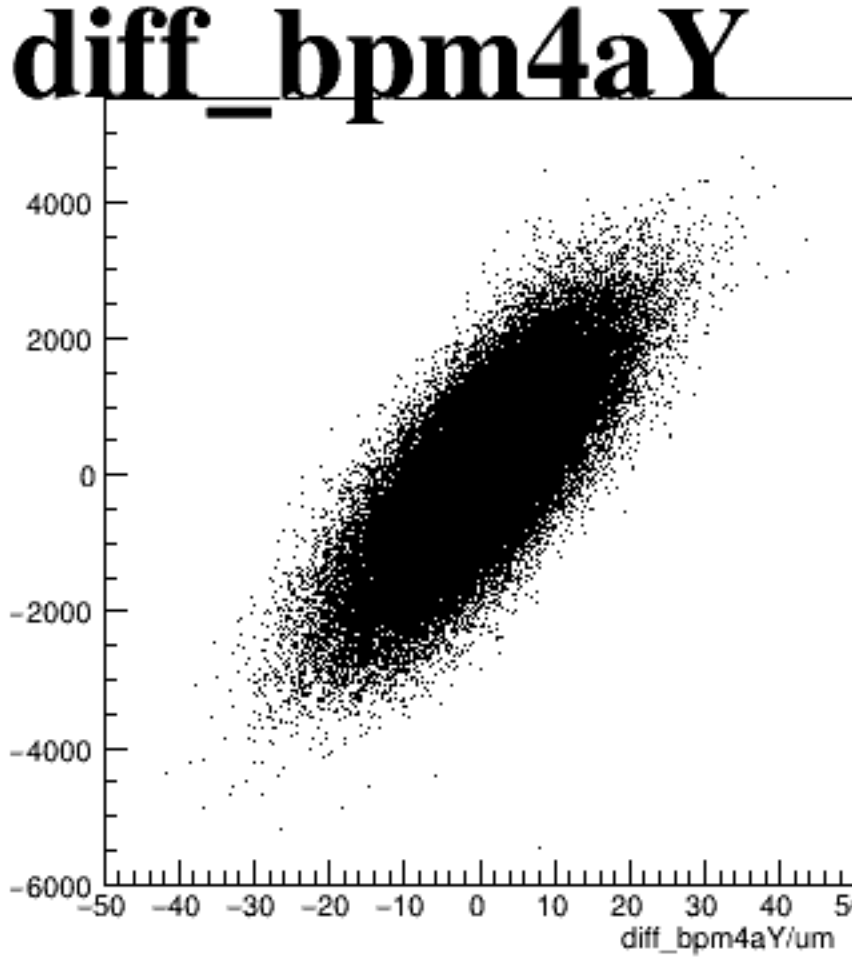
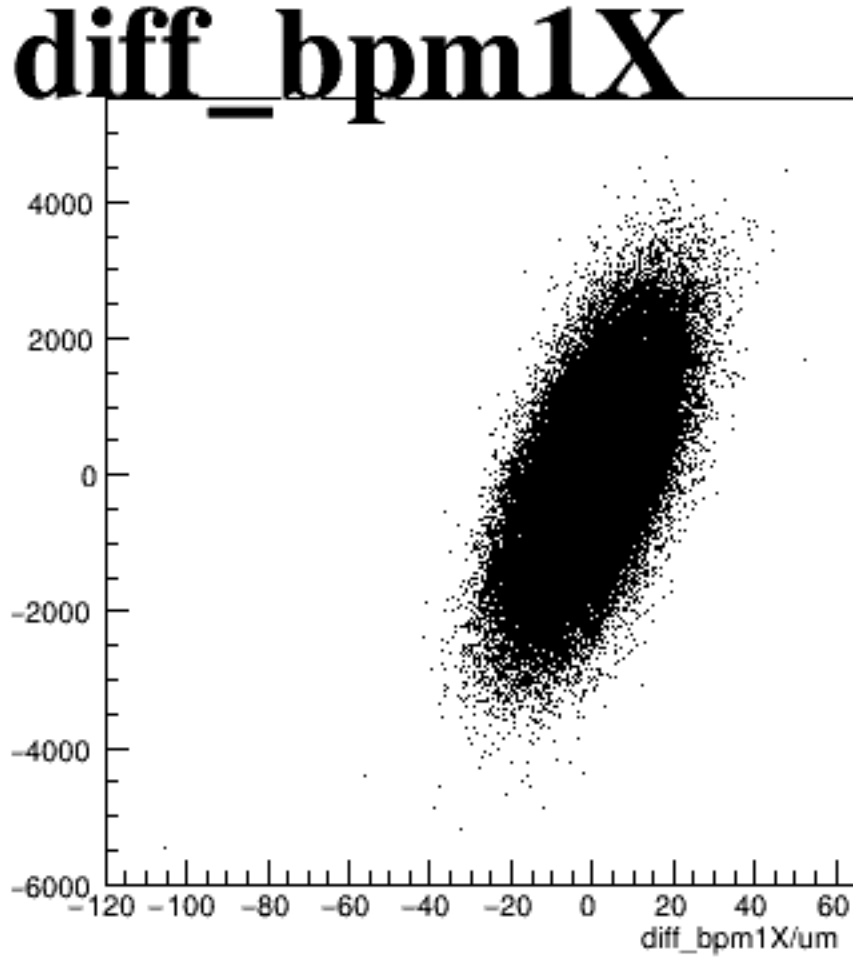
asym_sam2



asym_sam4



asym_sam6



asym_sam8

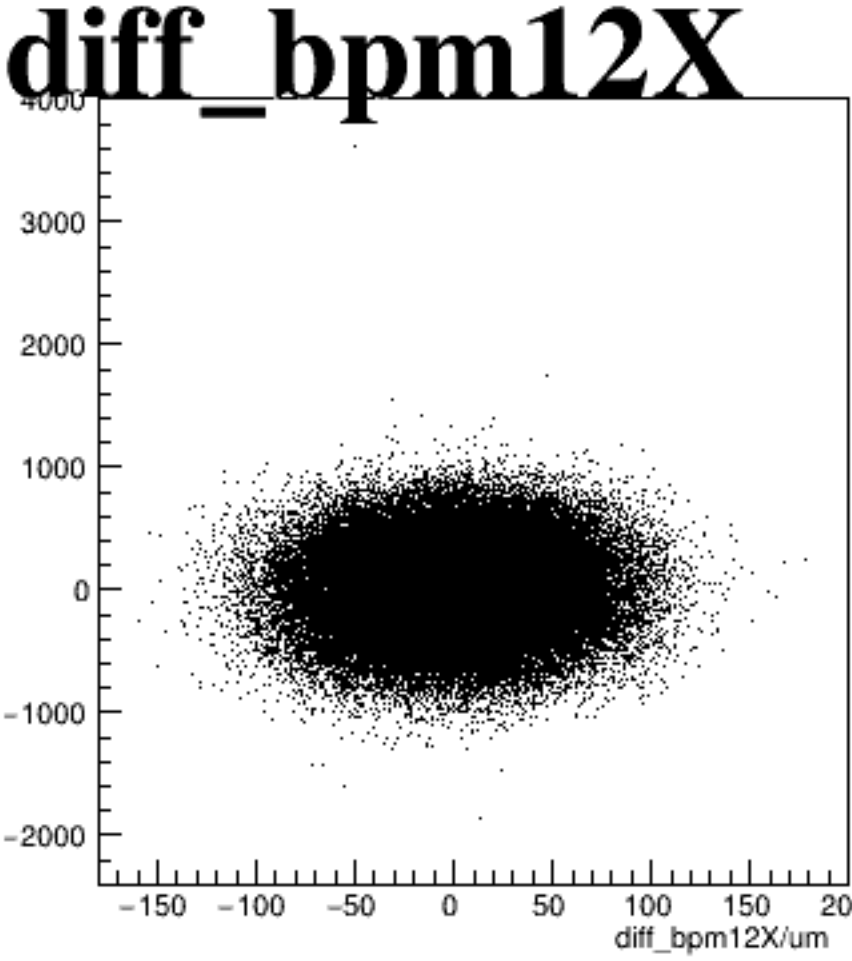
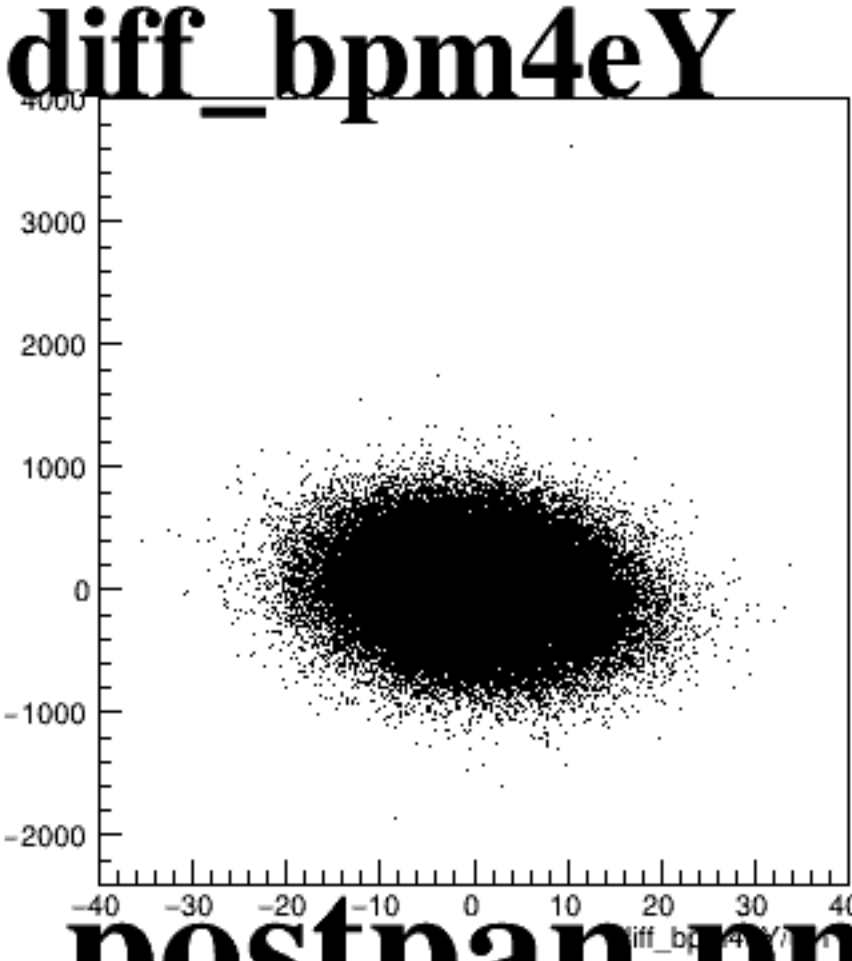
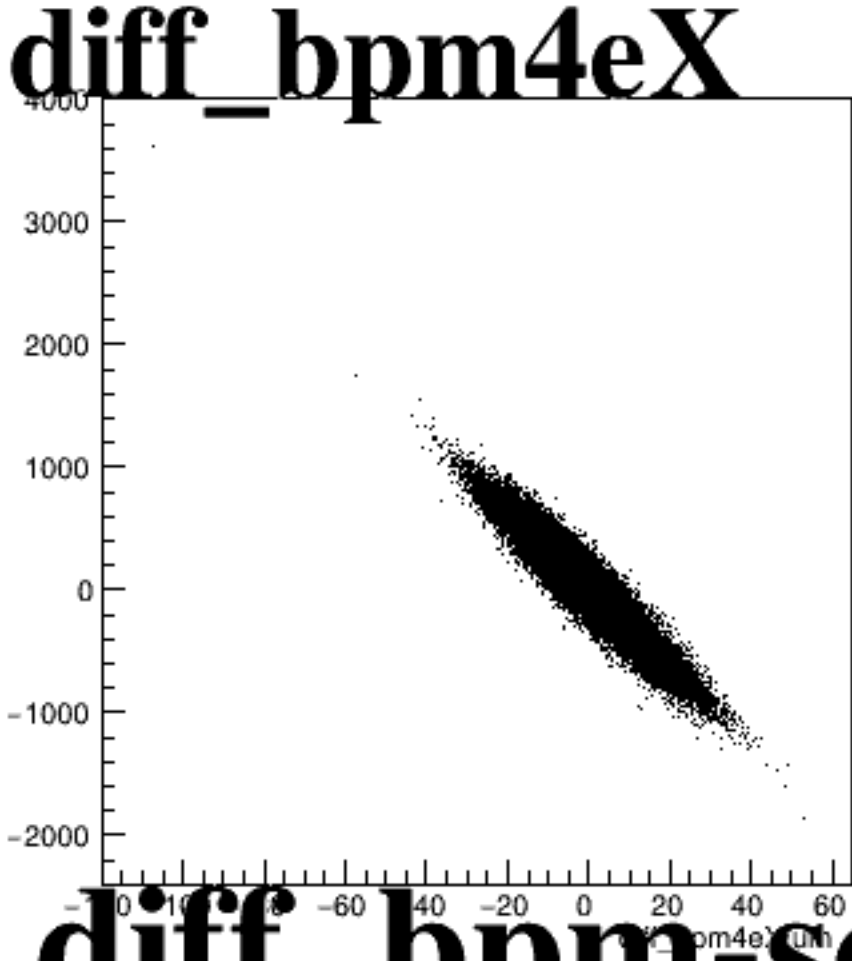
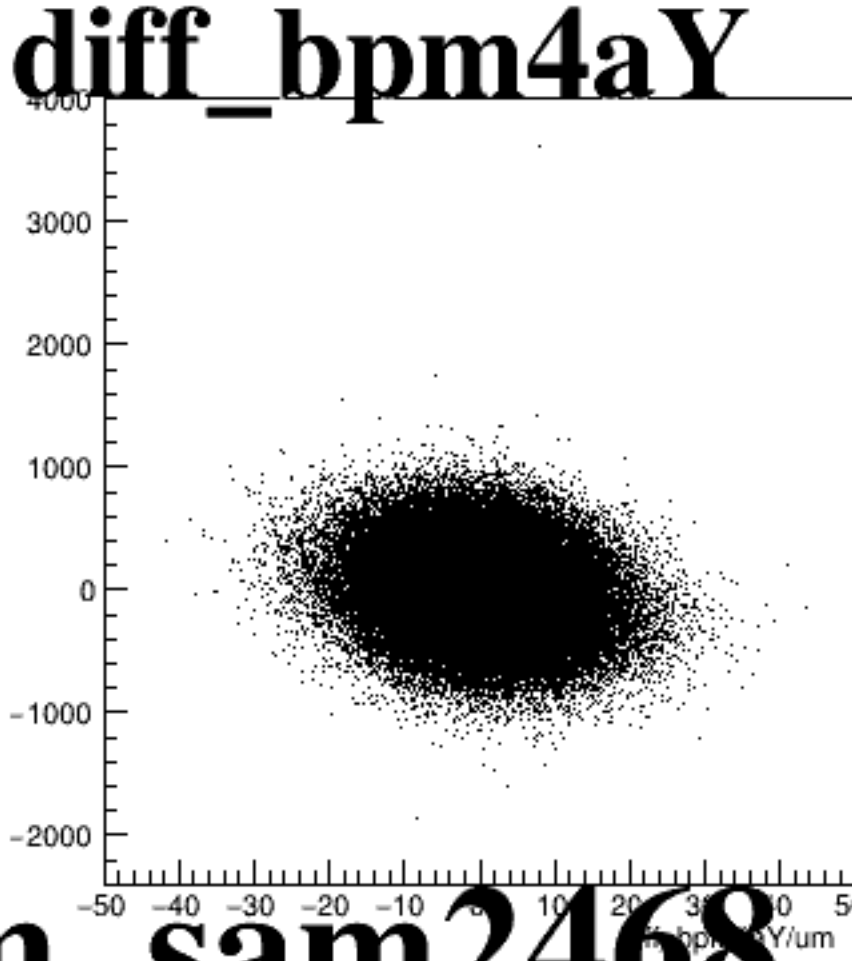
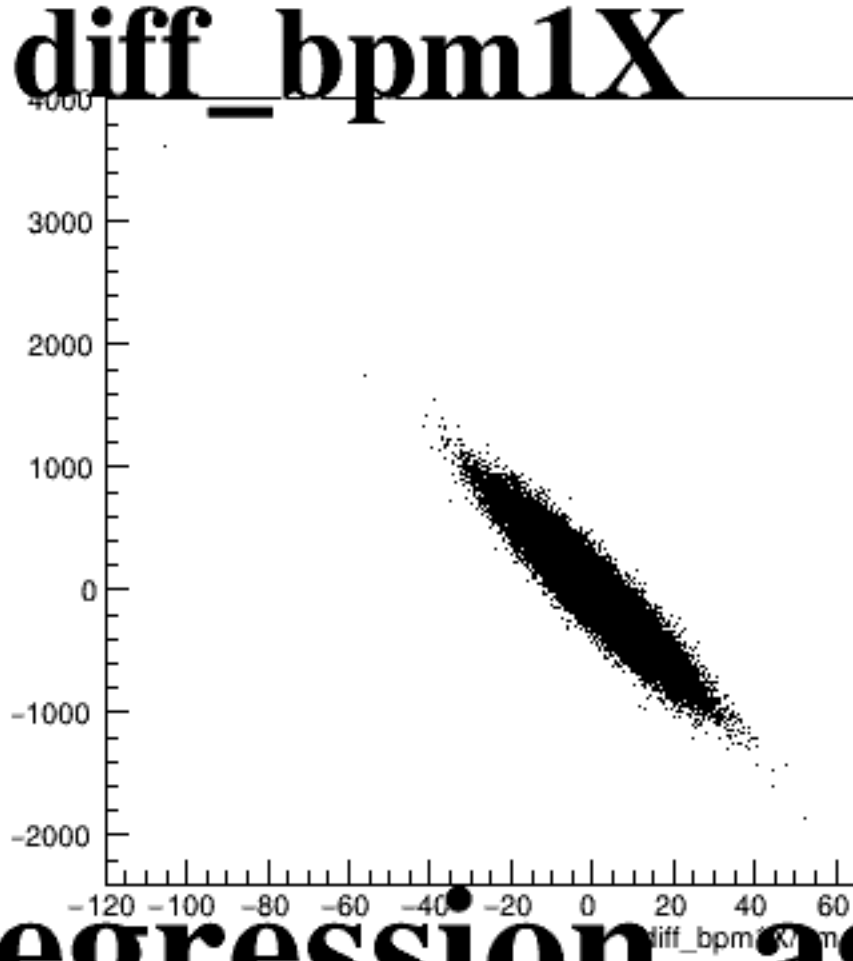
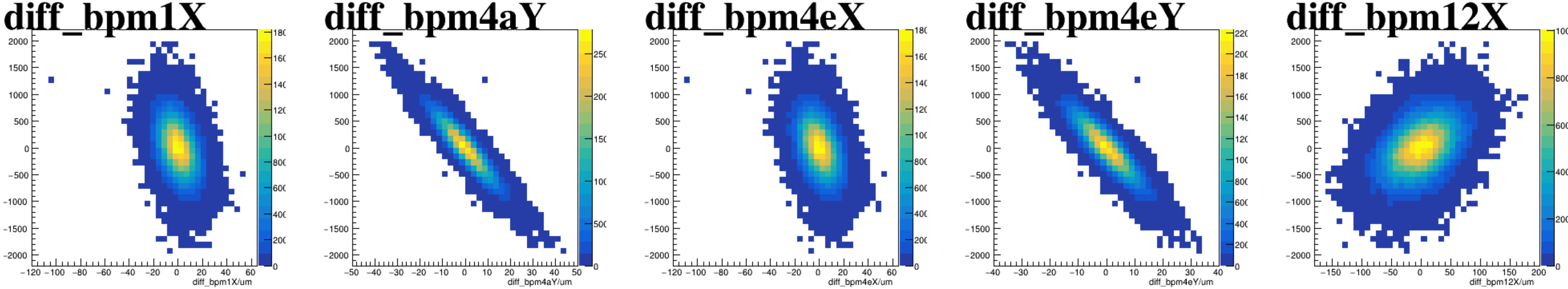


Figure 1 consists of five scatter plots arranged horizontally, each showing the difference in beam position measurements (diff_bpm) for different beam sizes and positions. The plots are labeled as follows:

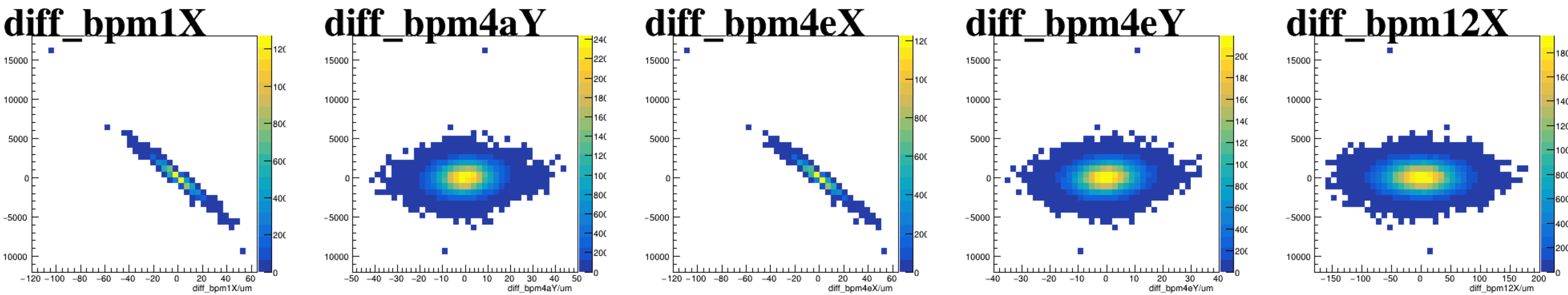
- diff_bpm1X**: The x-axis ranges from -120 to 60, and the y-axis ranges from -2000 to 1500. The data points are clustered around zero.
- diff_bpm4aY**: The x-axis ranges from -50 to 50, and the y-axis ranges from -2000 to 1500. The data points are clustered around zero.
- diff_bpm4eX**: The x-axis ranges from -120 to 60, and the y-axis ranges from -2000 to 1500. The data points are clustered around zero.
- diff_bpm4eY**: The x-axis ranges from -40 to 40, and the y-axis ranges from -2000 to 1500. The data points are clustered around zero.
- diff_bpm12X**: The x-axis ranges from -150 to 200, and the y-axis ranges from -2000 to 1500. The data points are clustered around zero.

In all plots, the x-axis represents the difference in beam position measurements (diff_bpm) and the y-axis represents the difference in beam position measurements (diff_bpm). The plots show a dense cluster of points centered around zero, indicating good agreement between the two measurement methods.

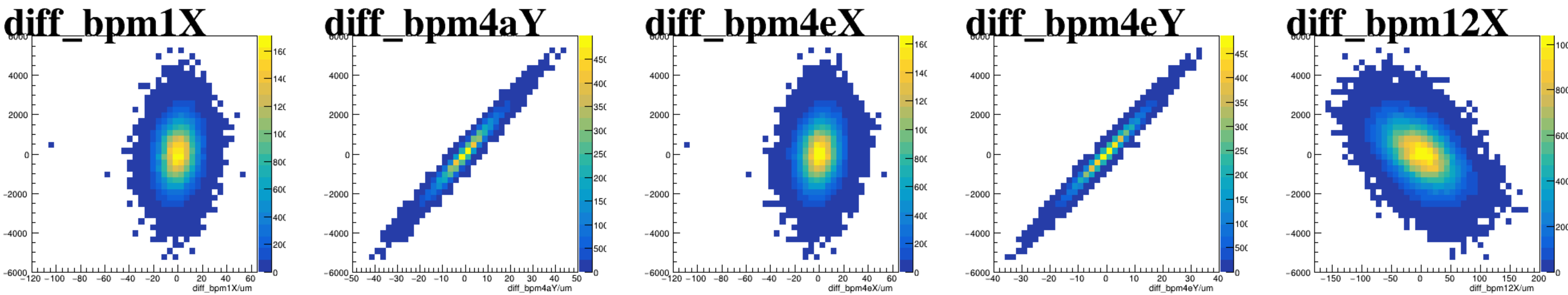
asym_sam1



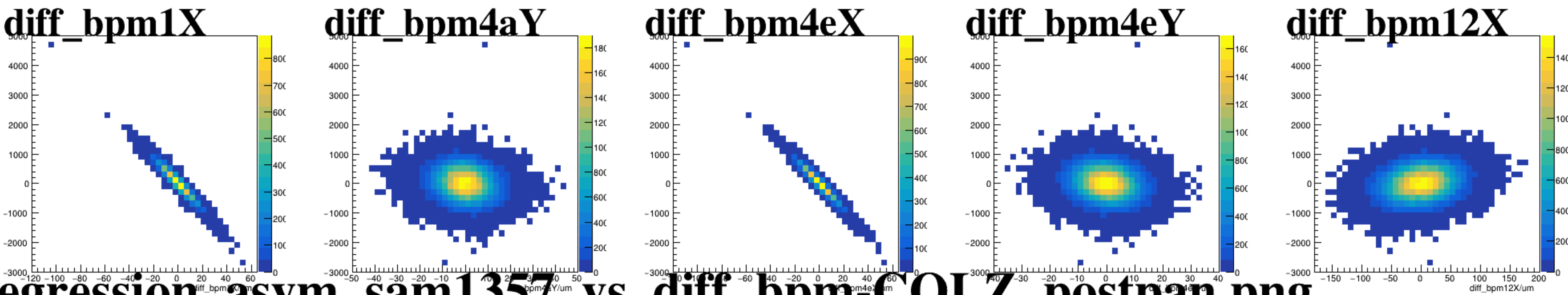
asym_sam3



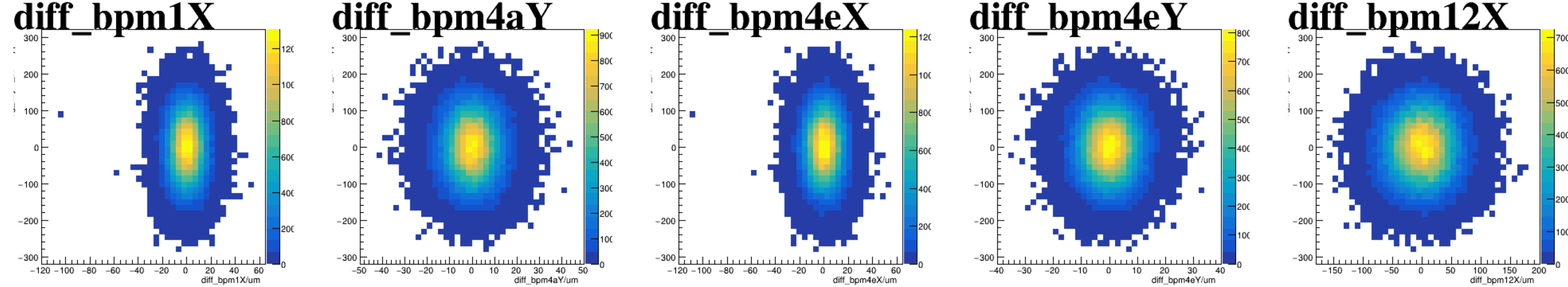
asym_sam5



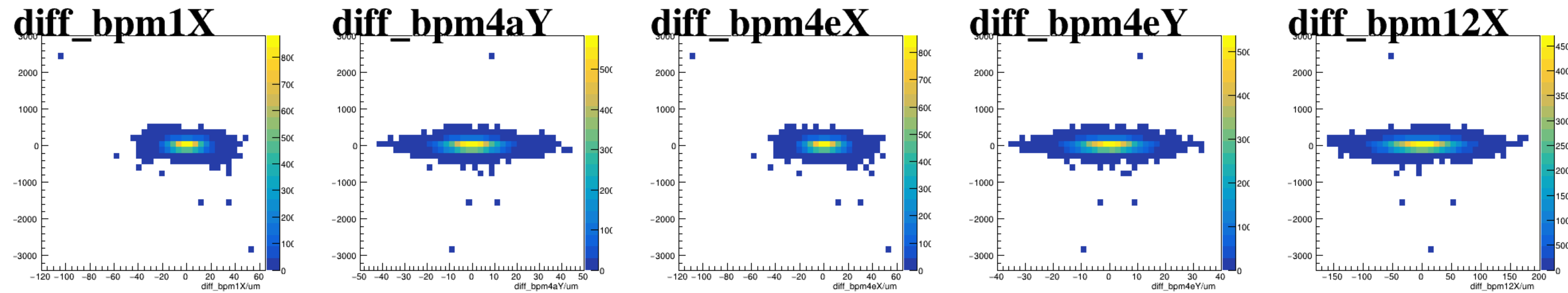
asym_sam7



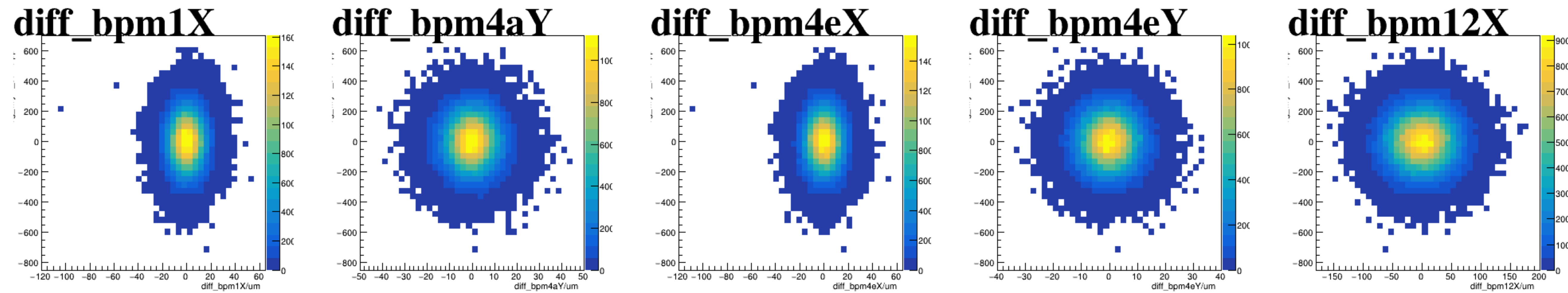
reg_asym_sam1



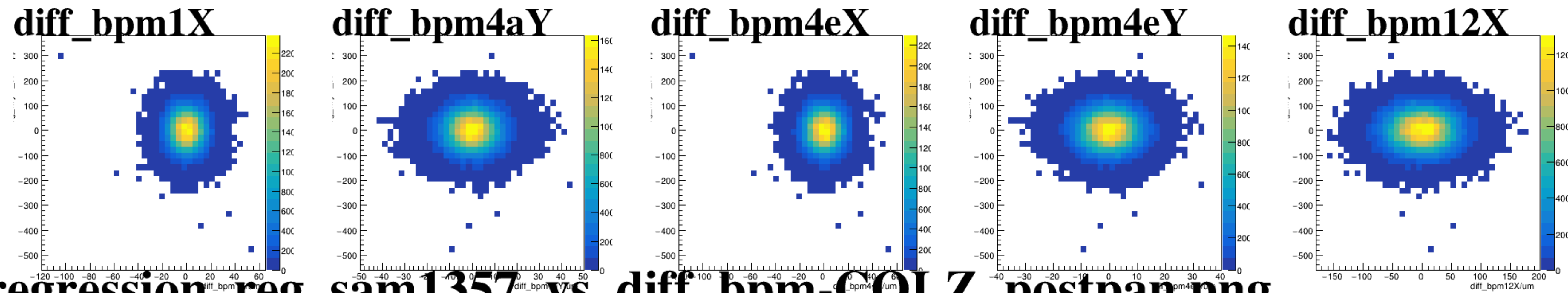
reg_asym_sam3



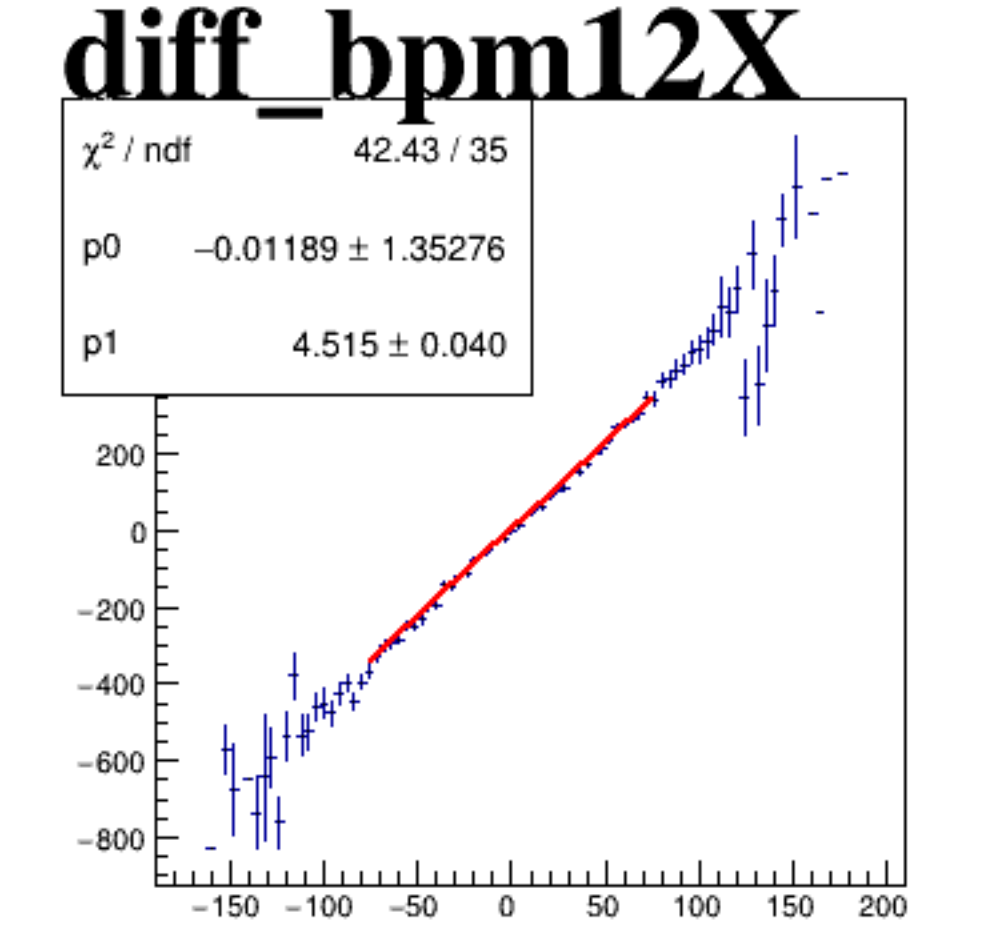
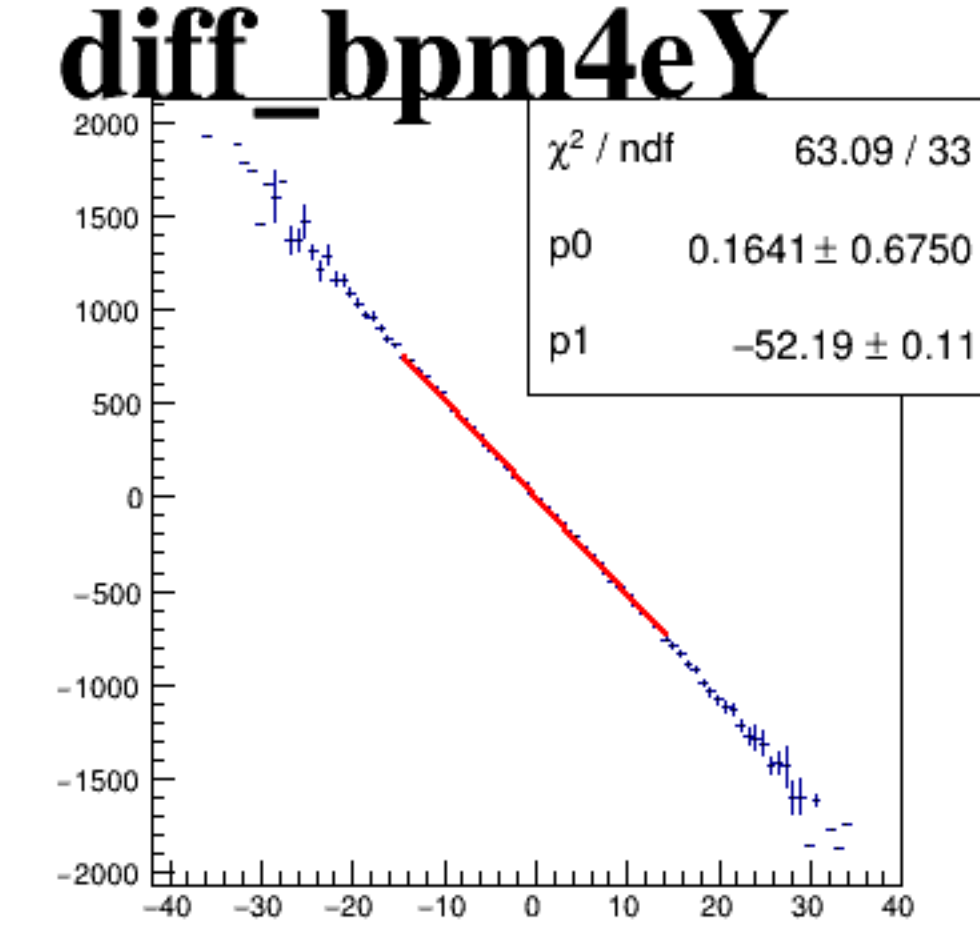
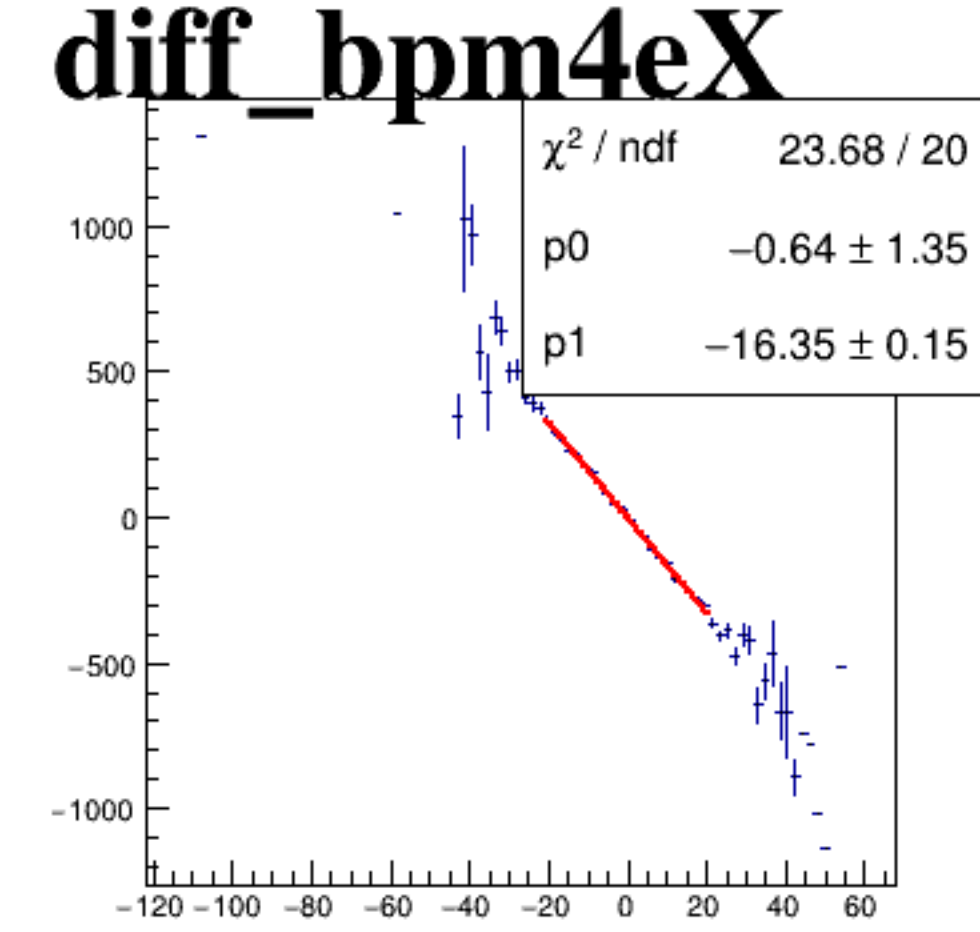
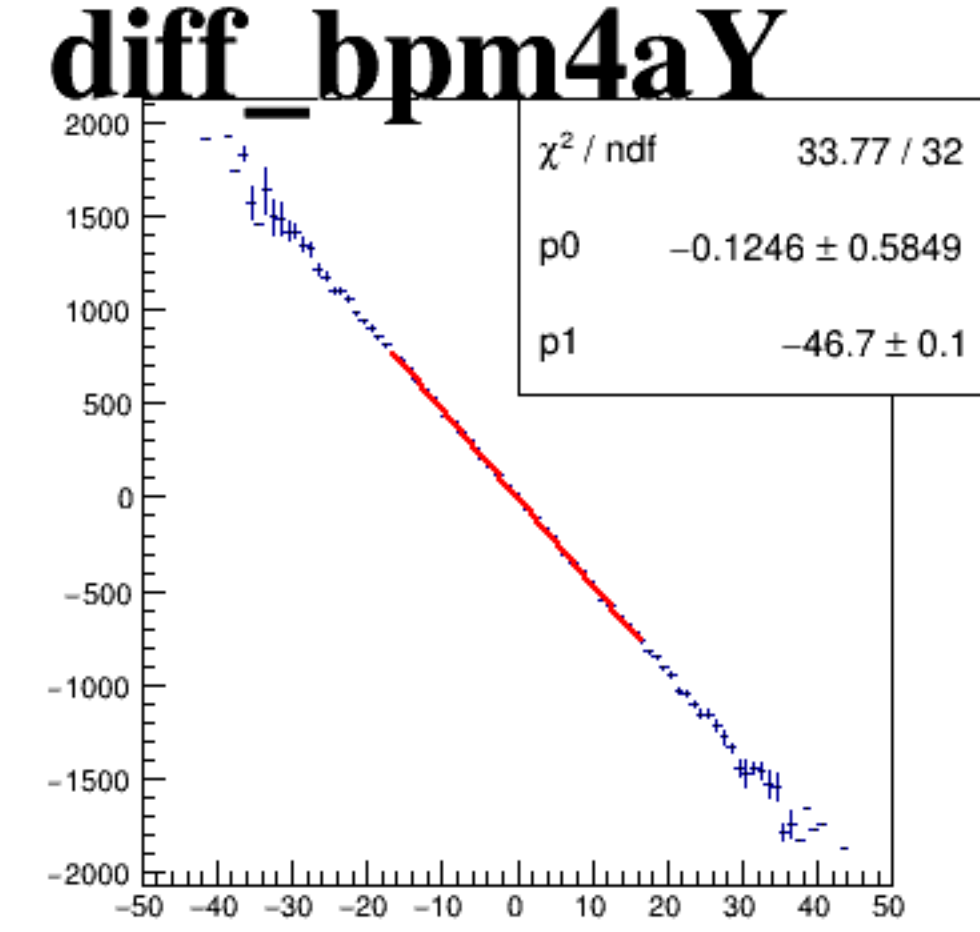
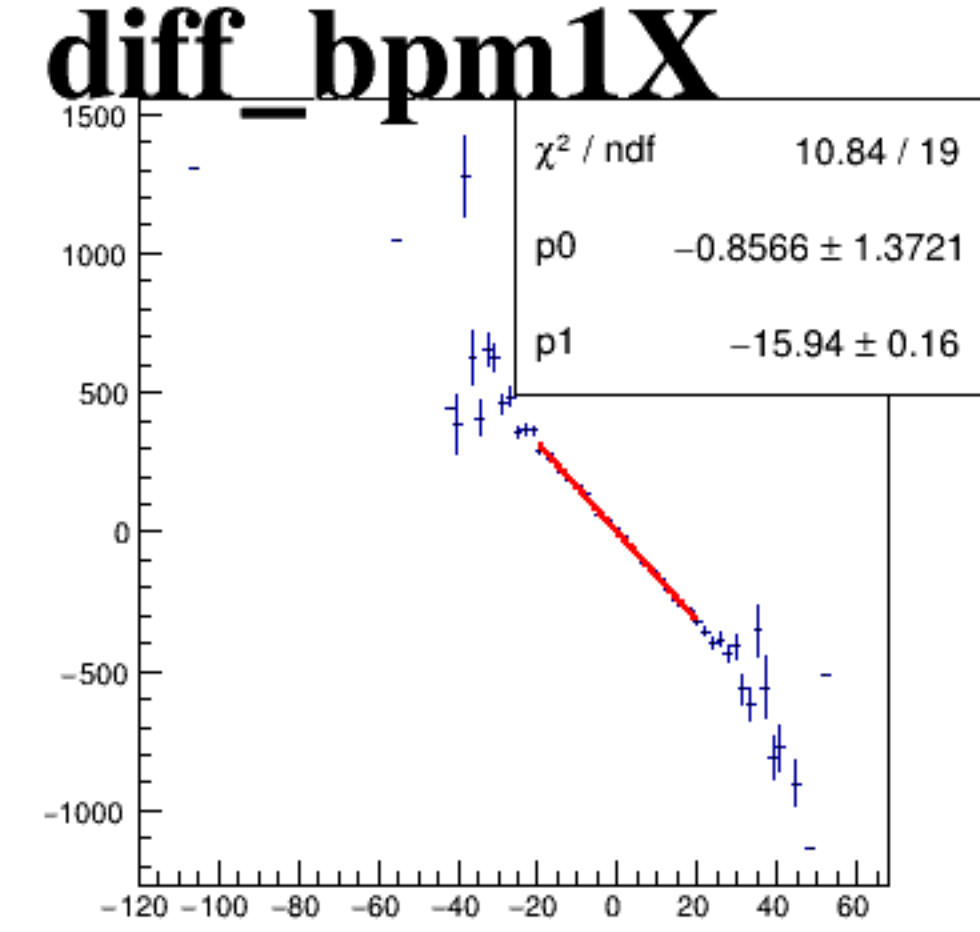
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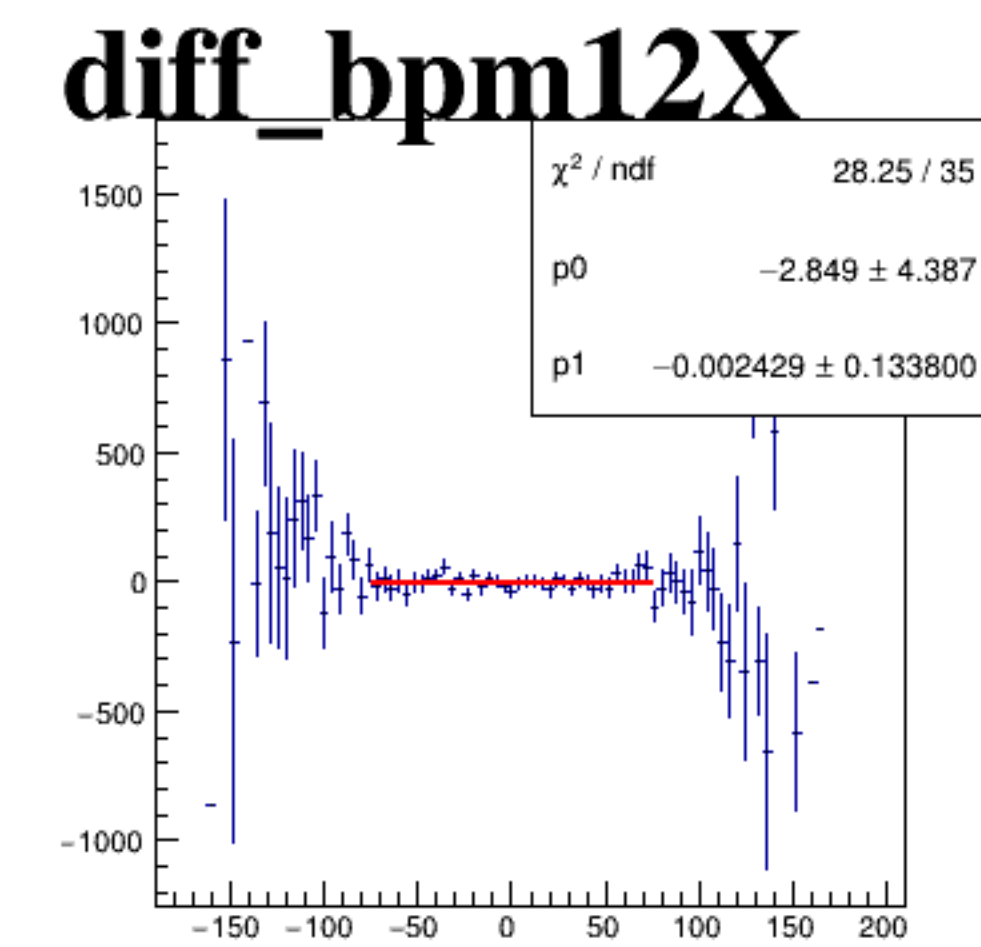
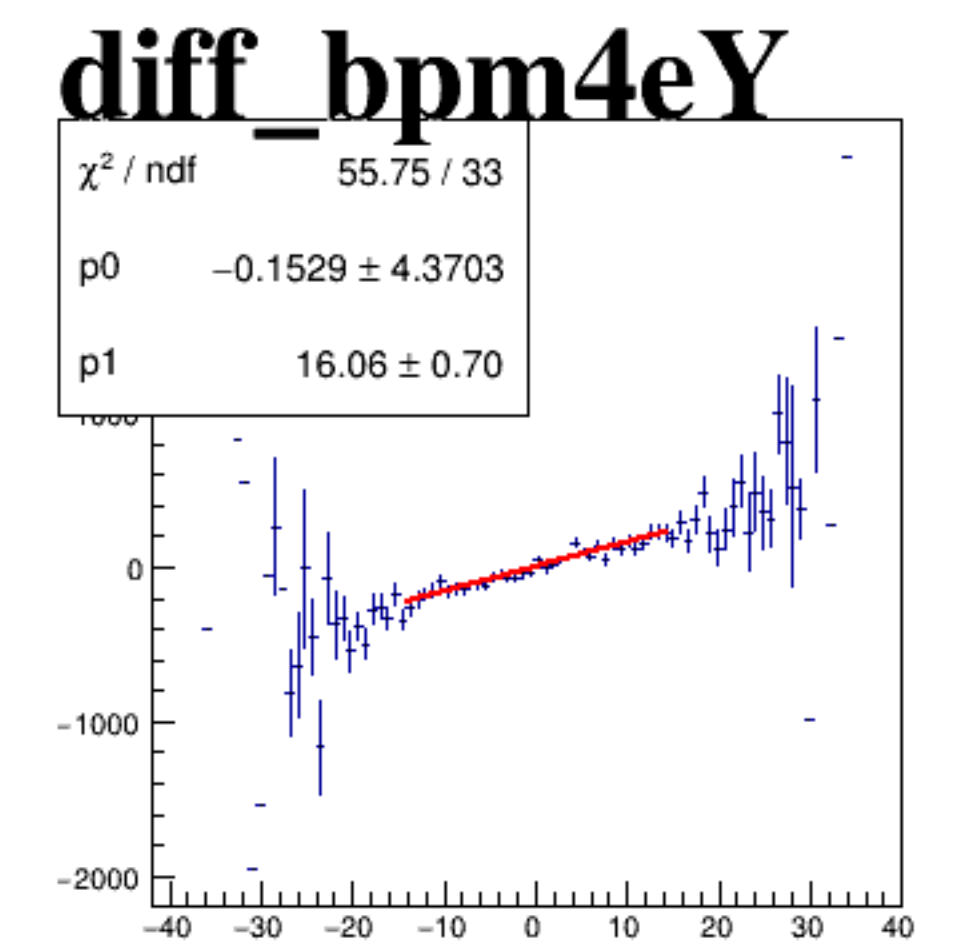
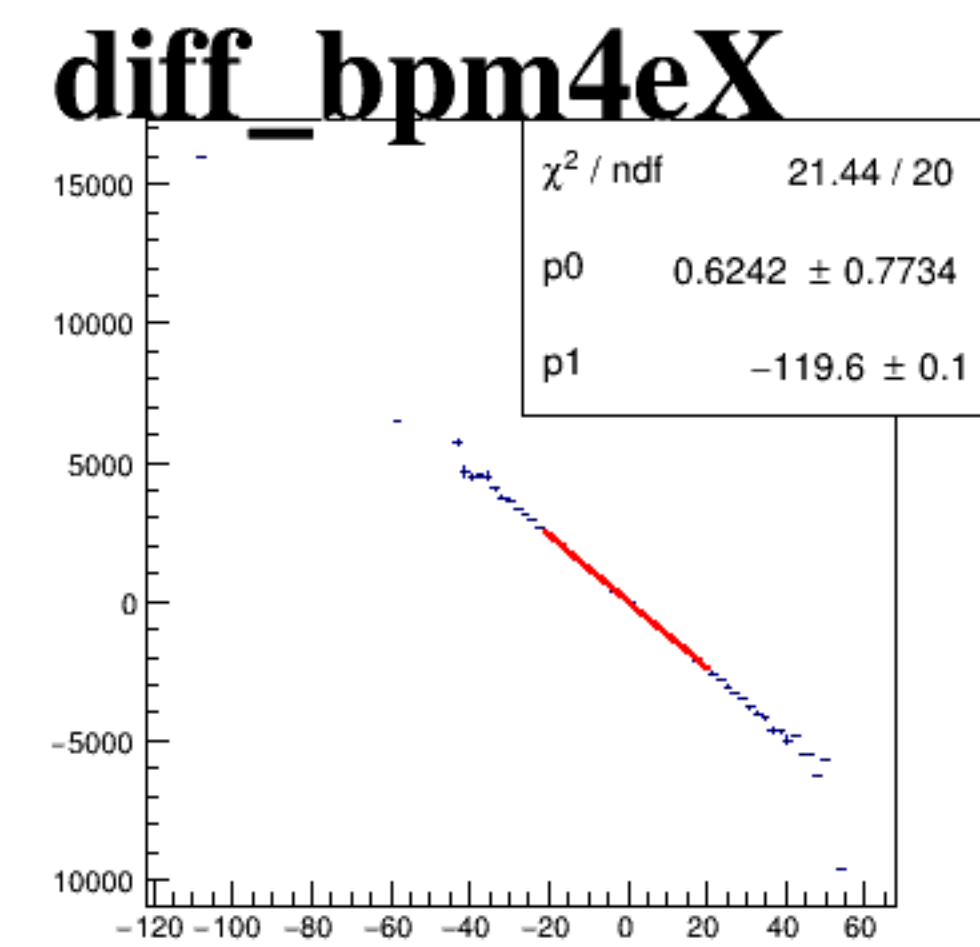
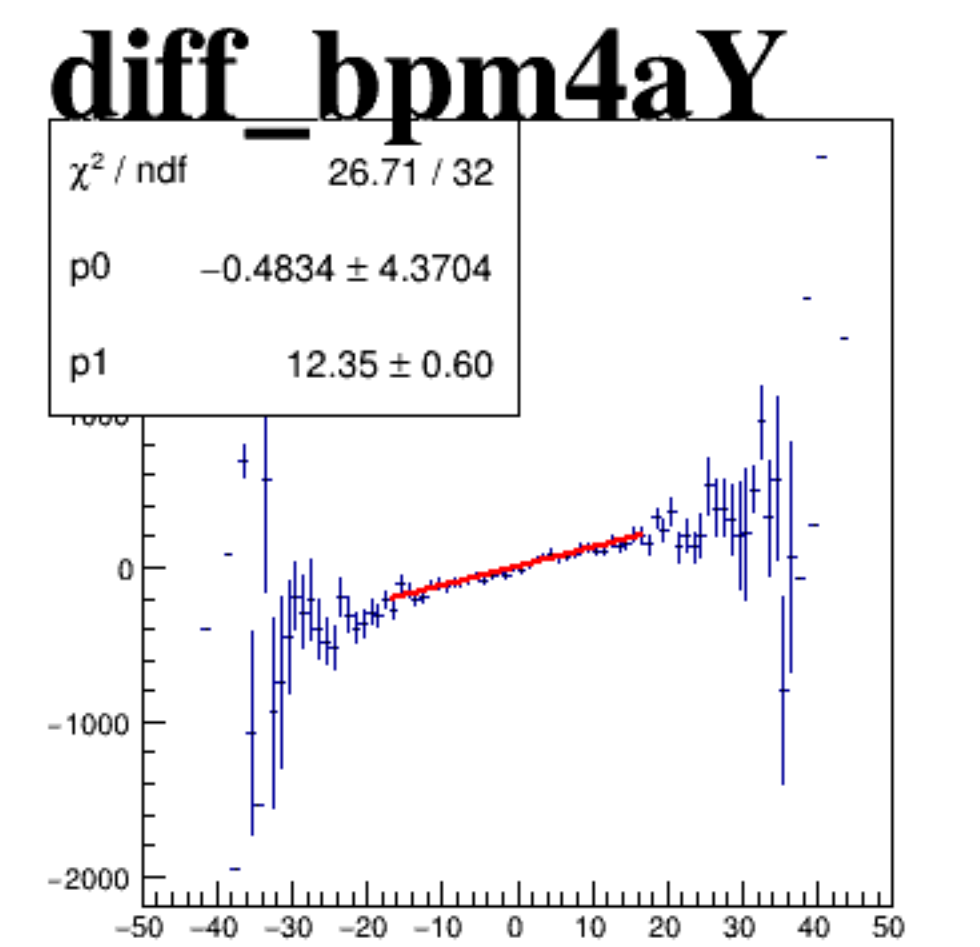
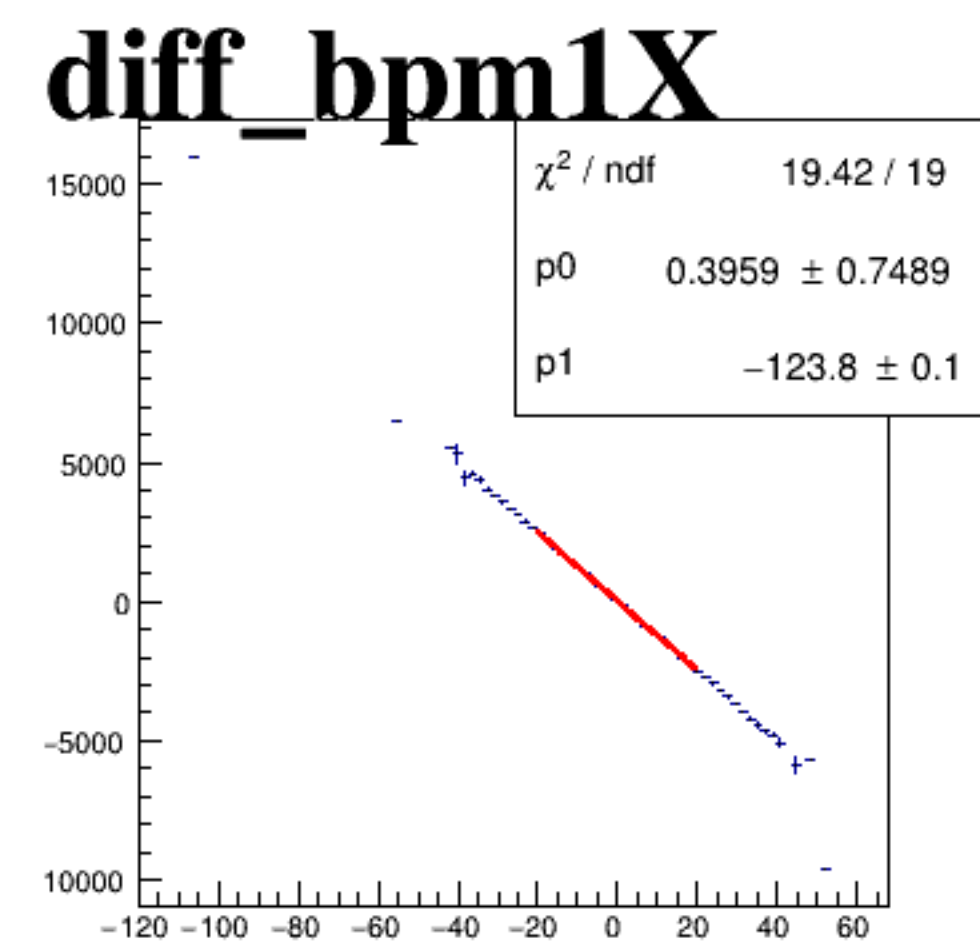
reg_asym_sam7



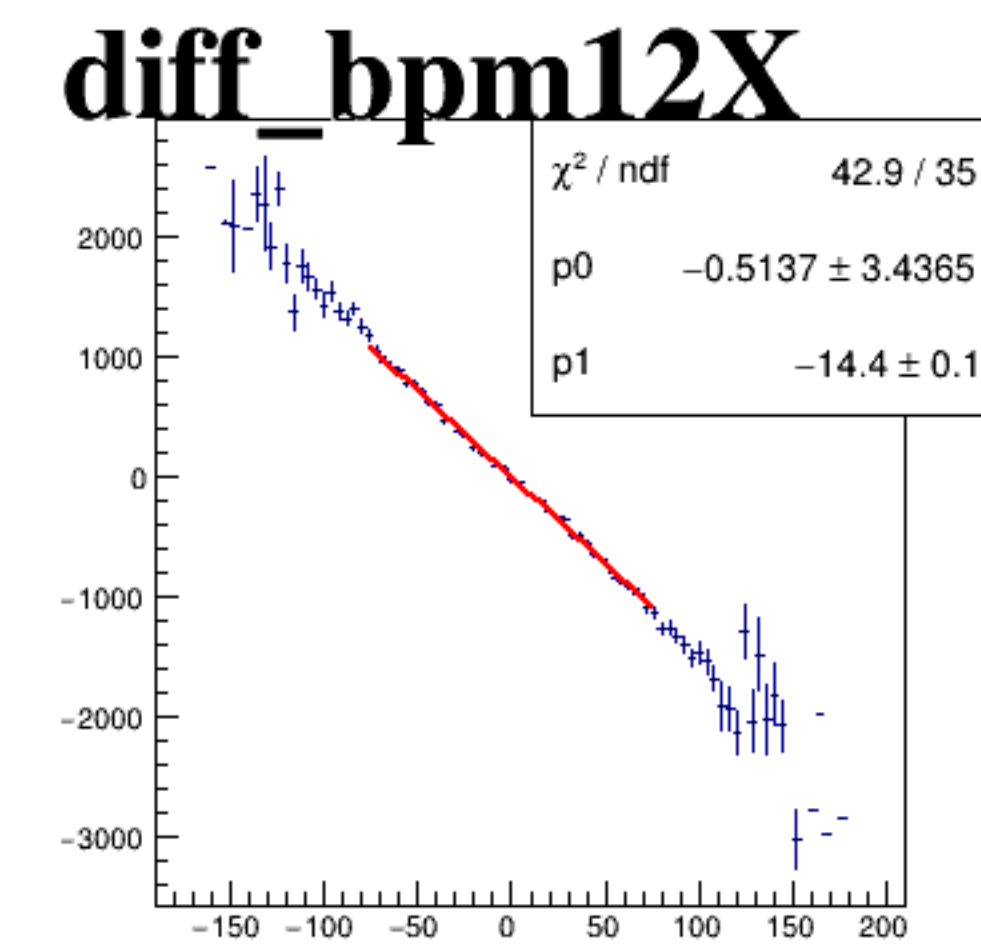
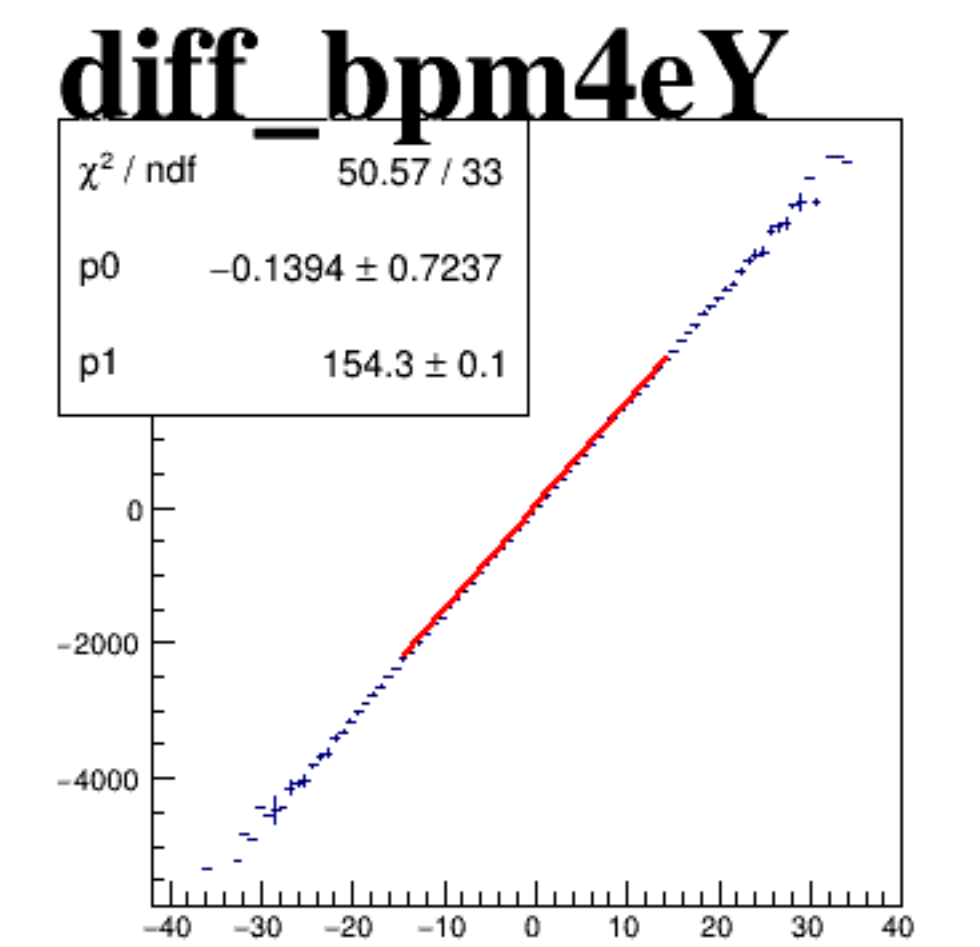
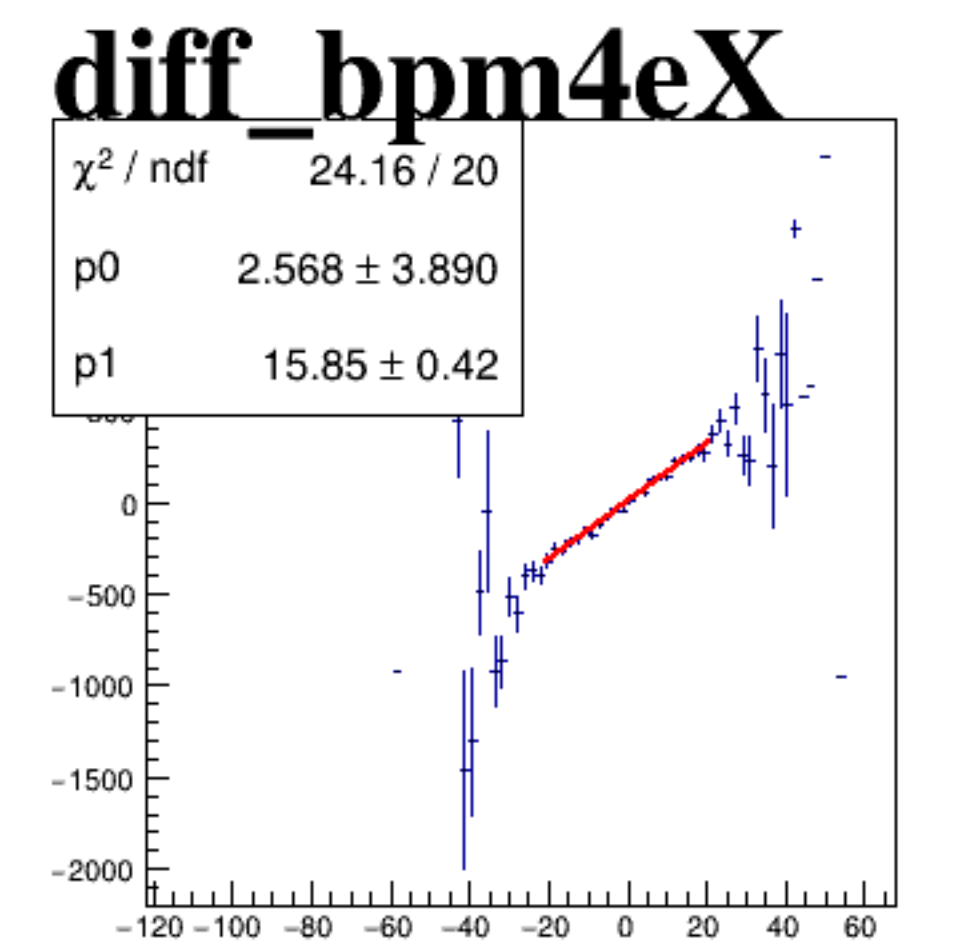
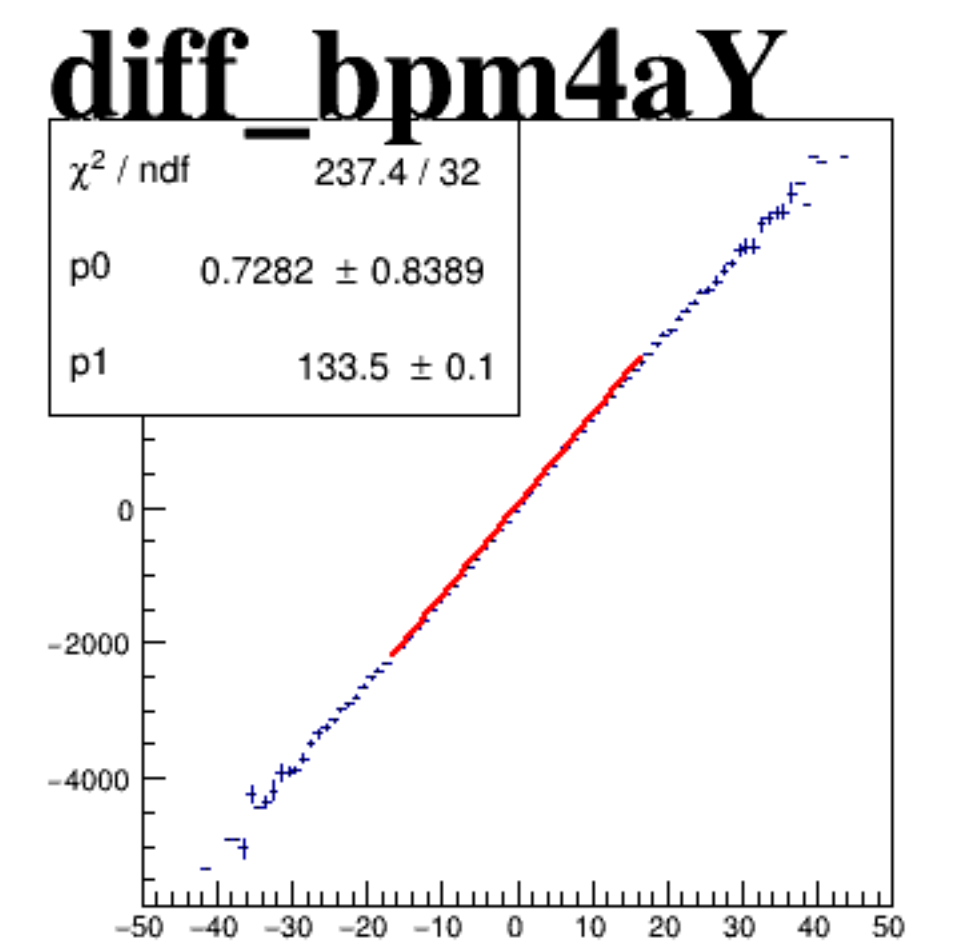
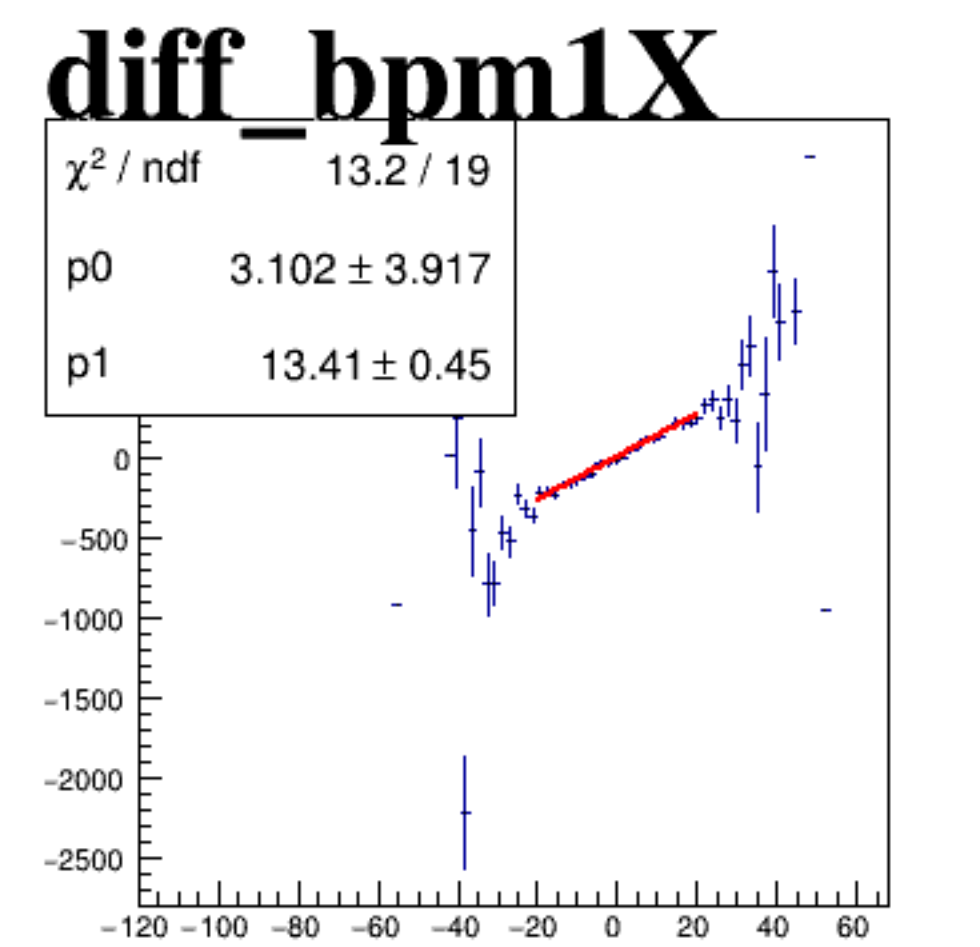
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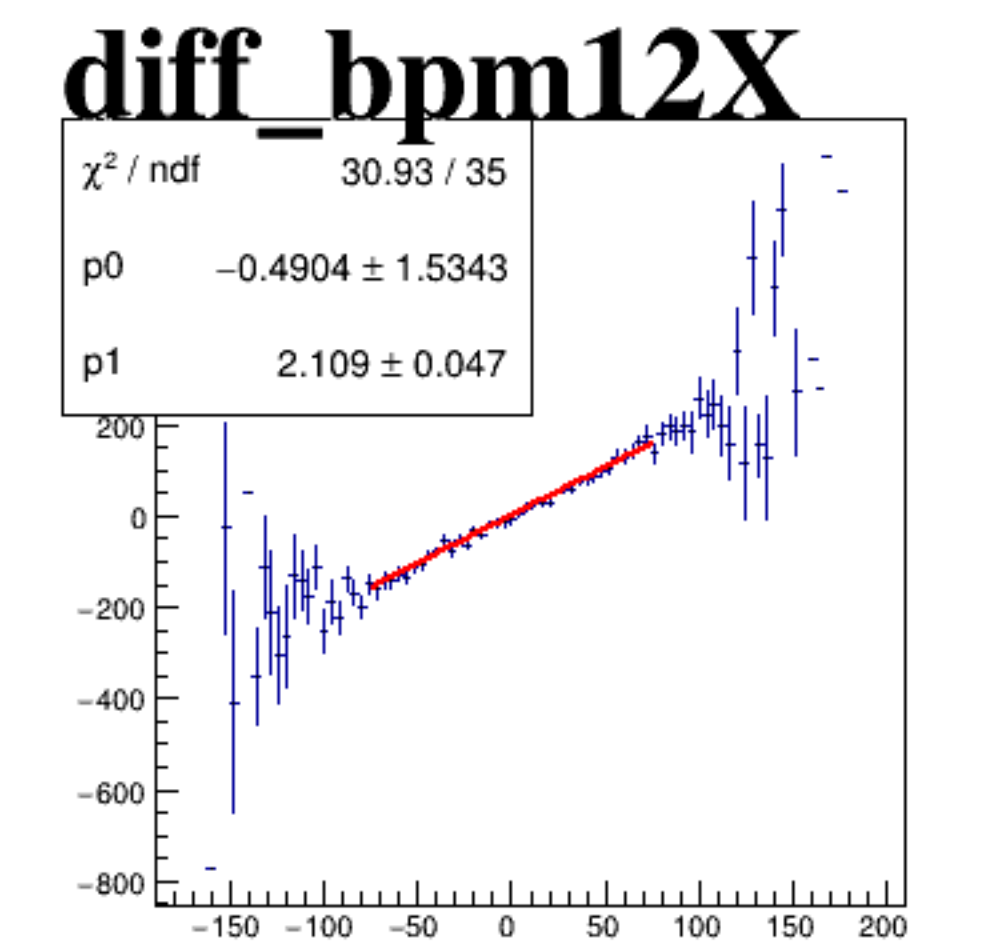
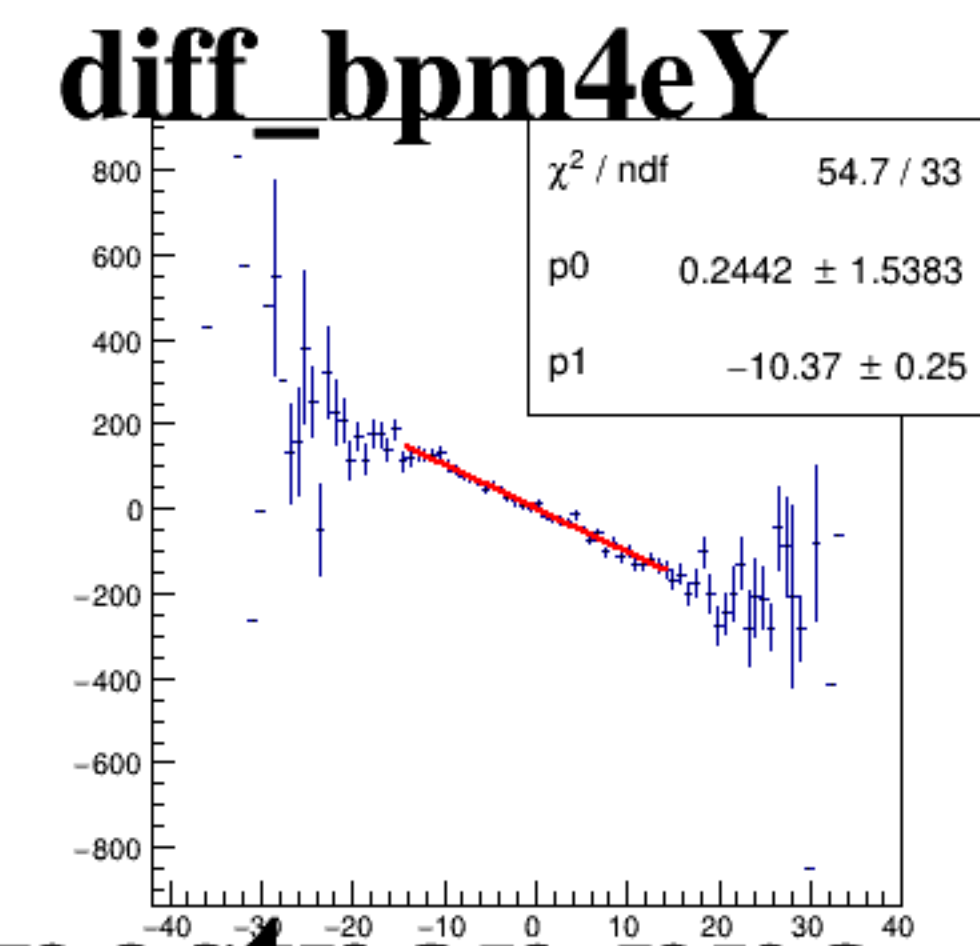
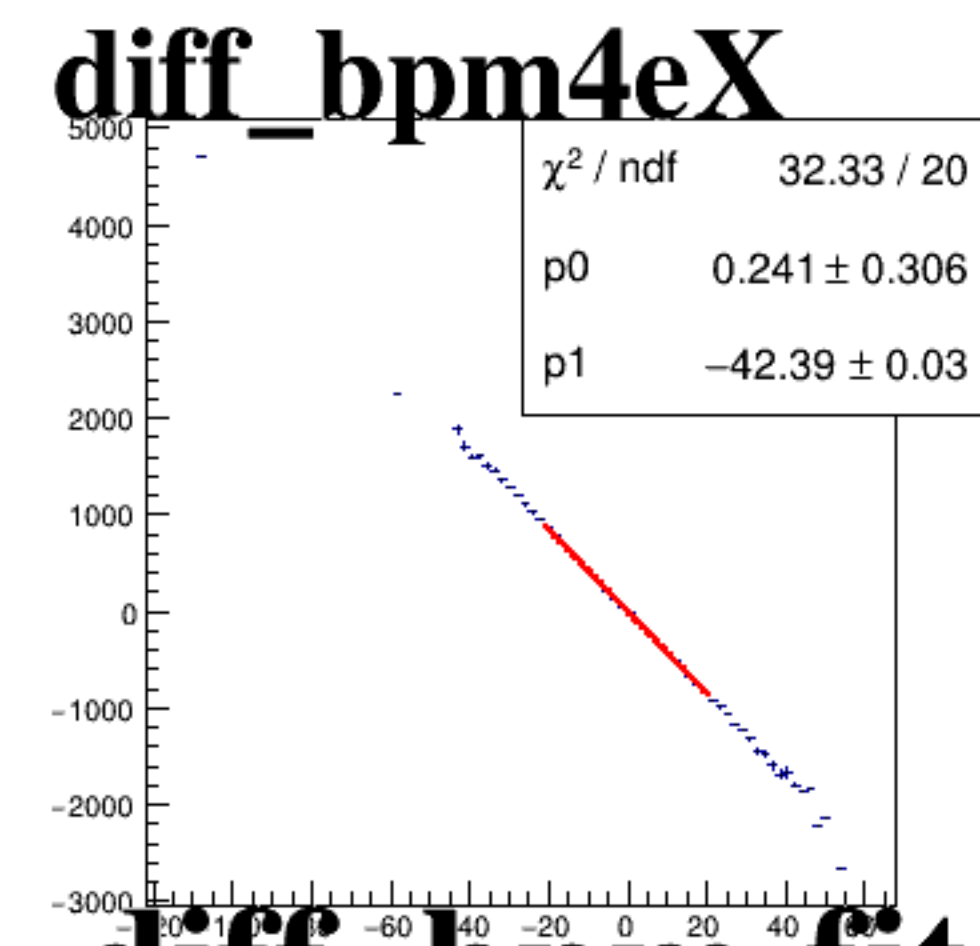
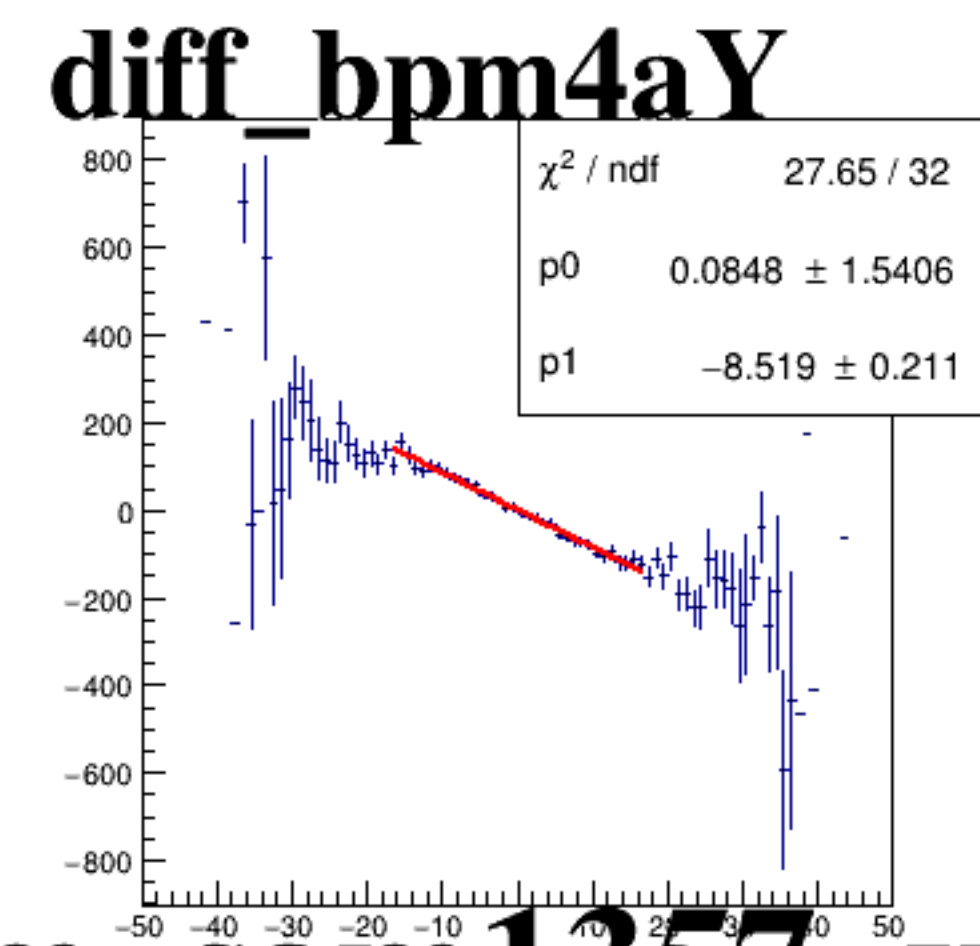
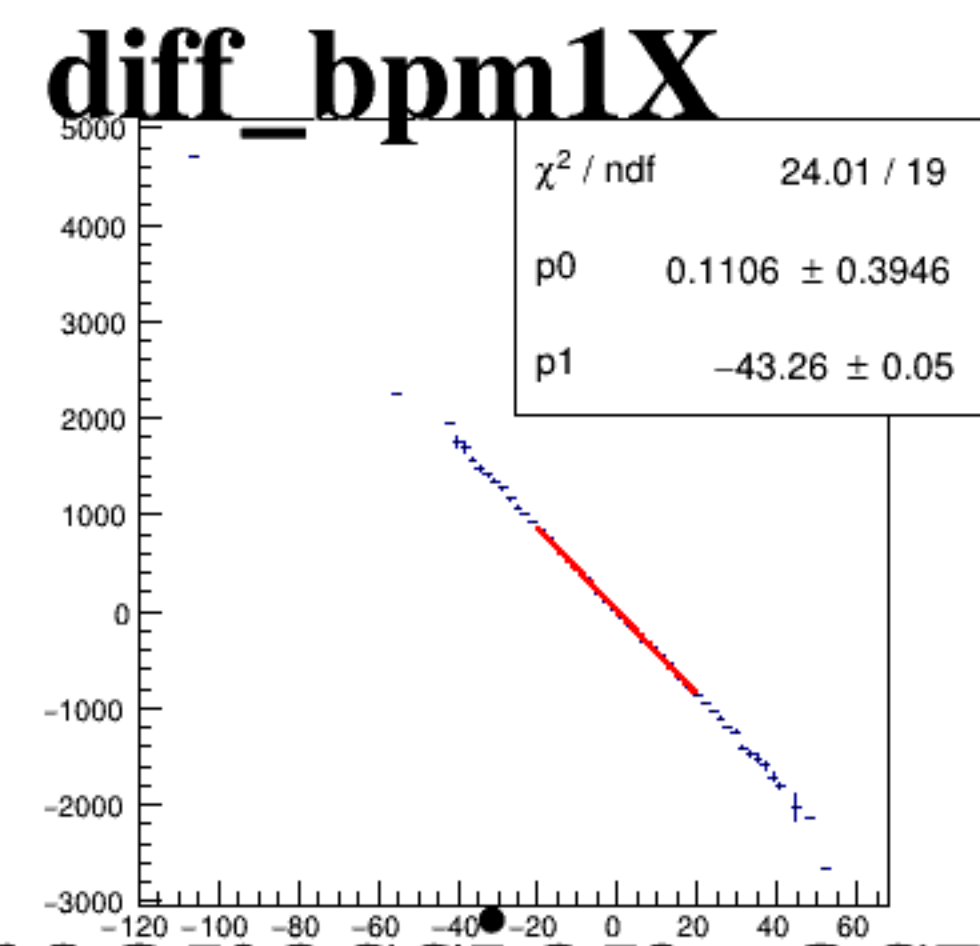
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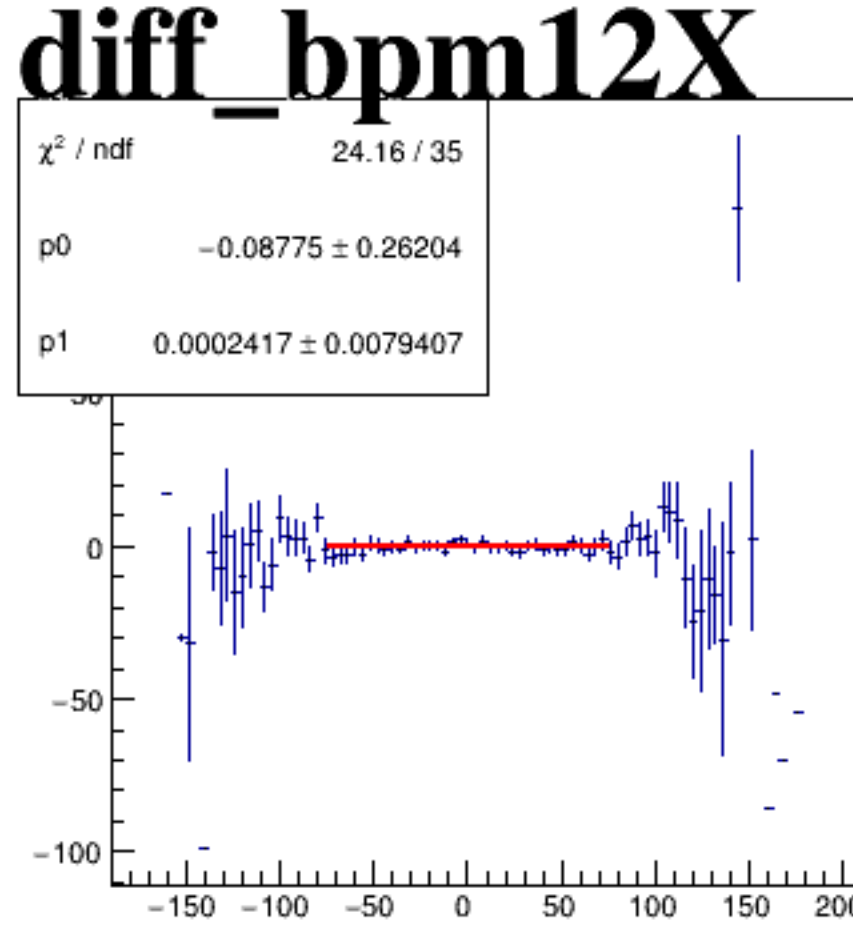
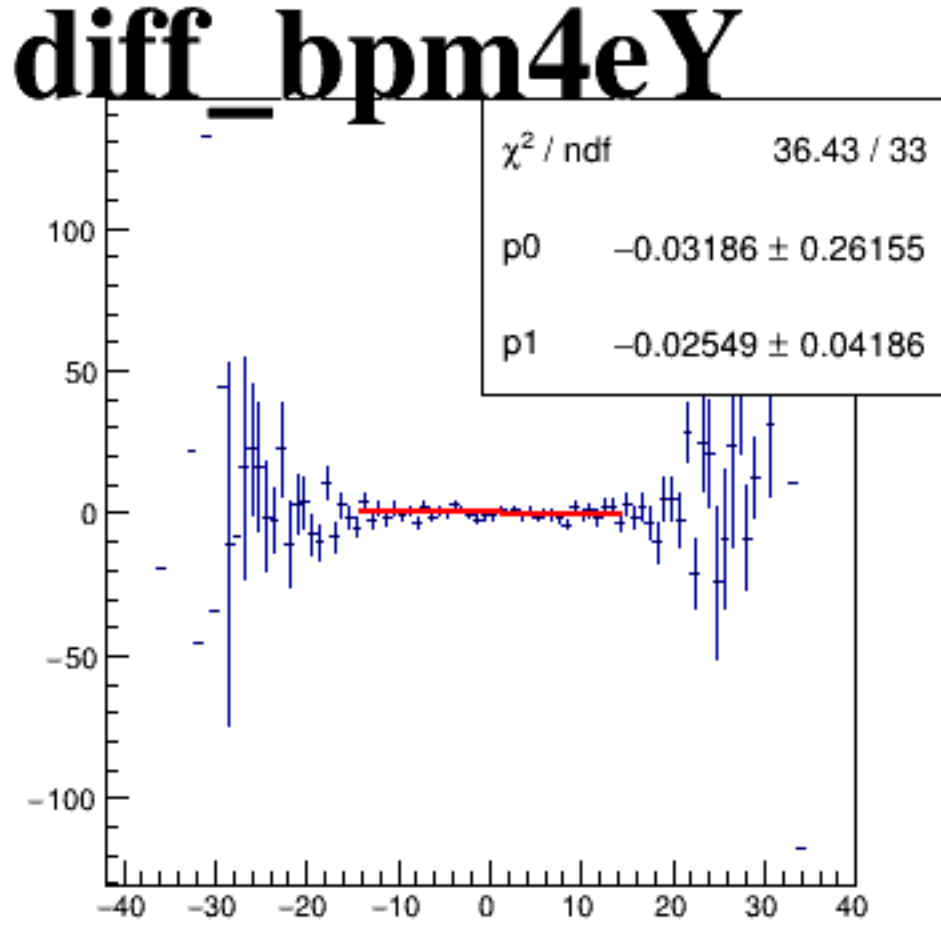
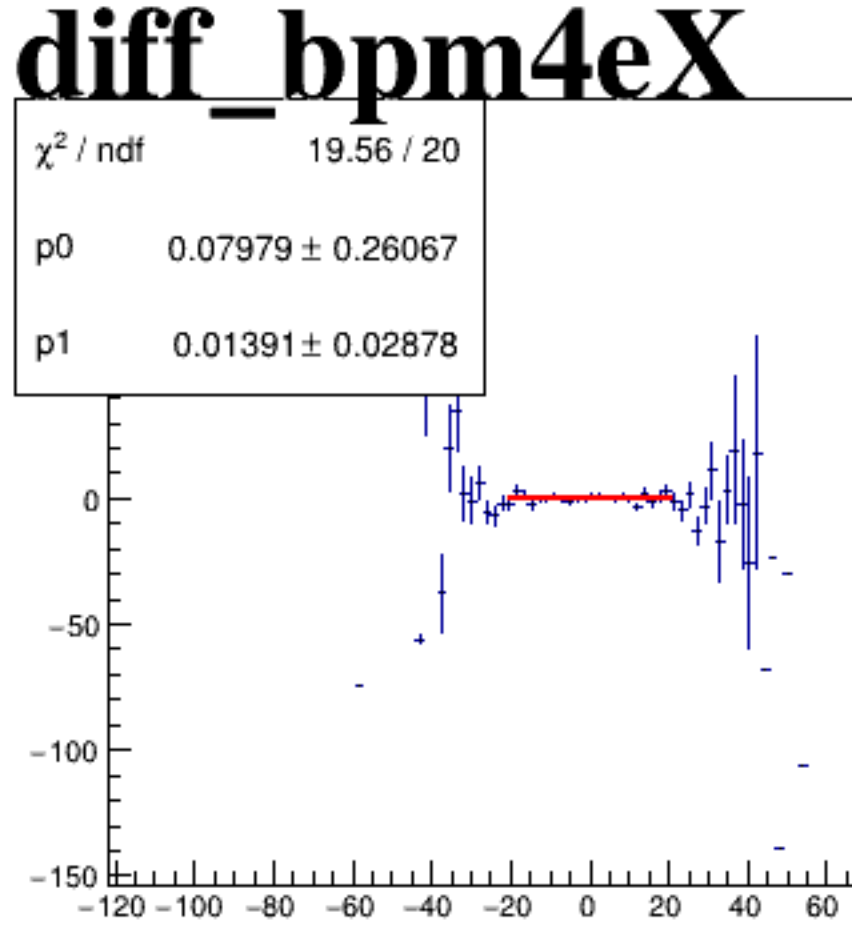
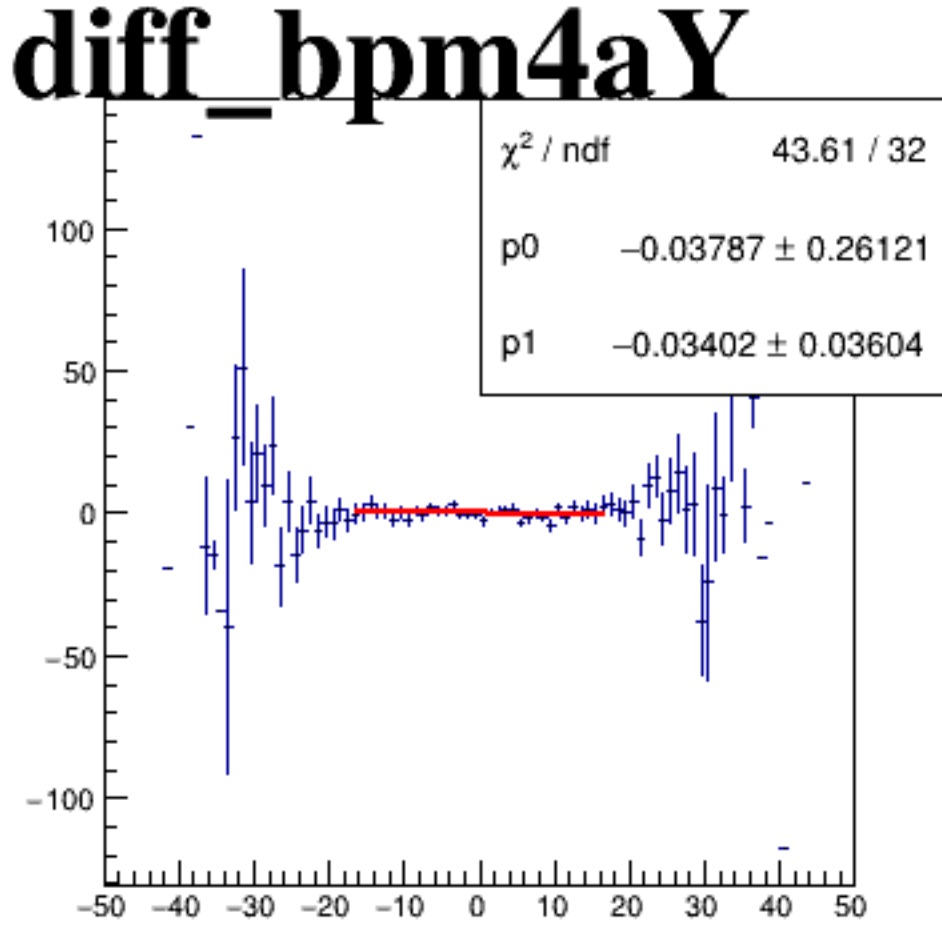
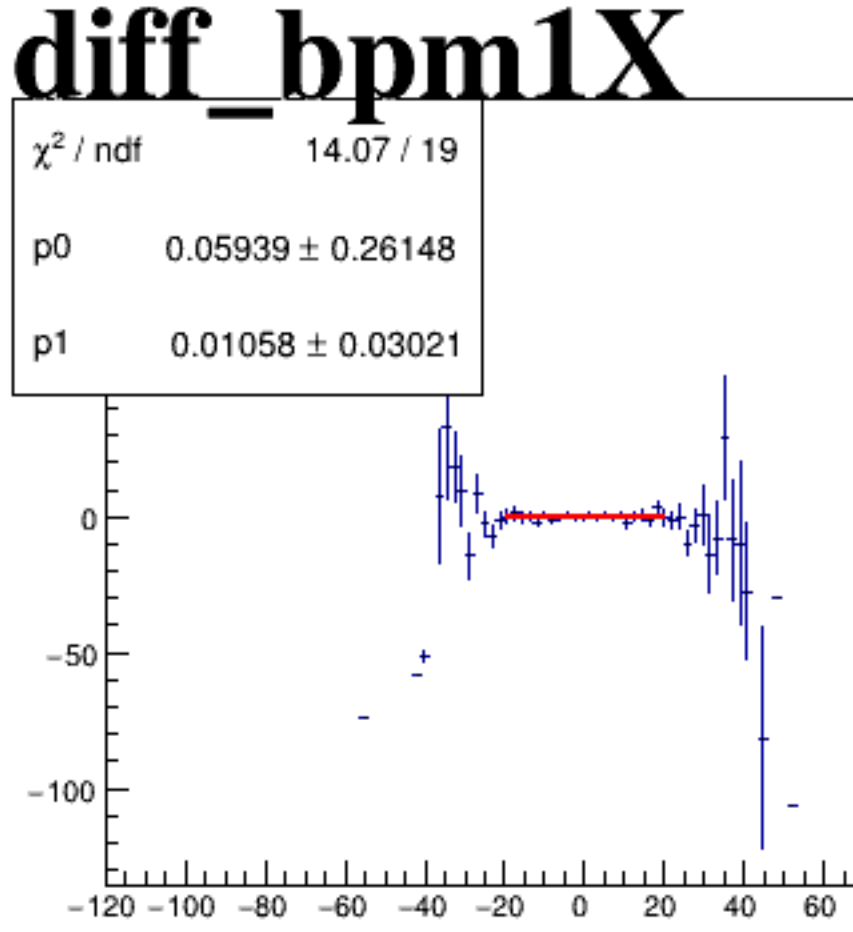
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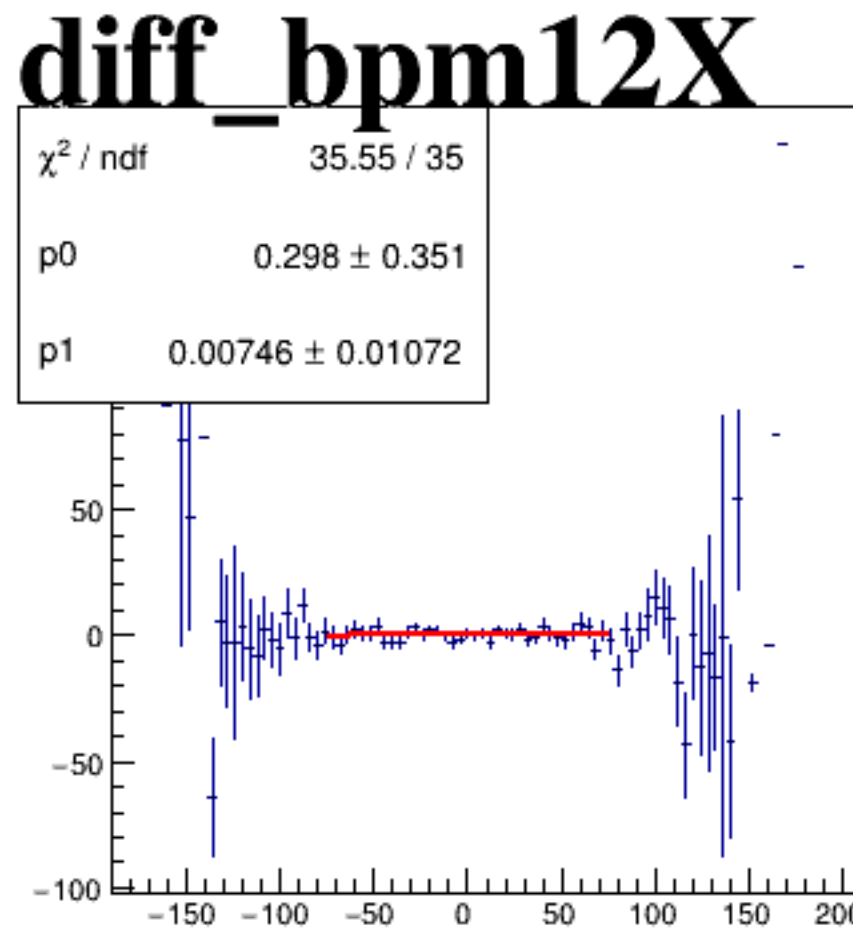
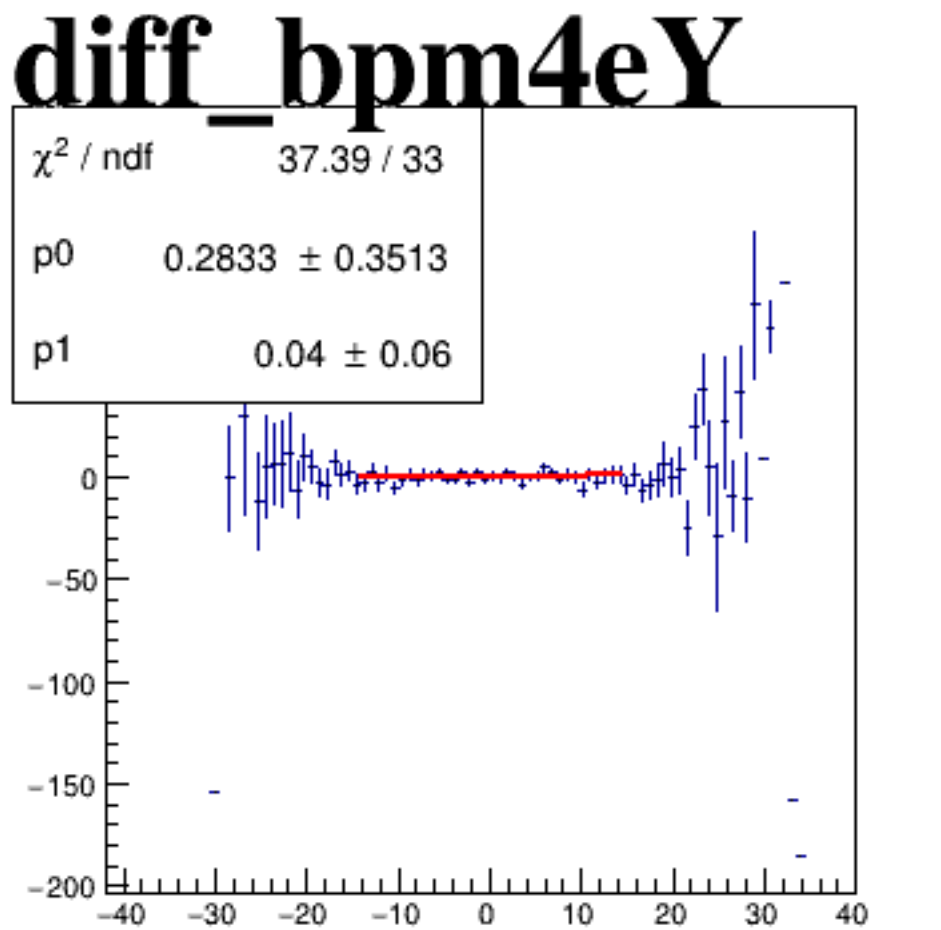
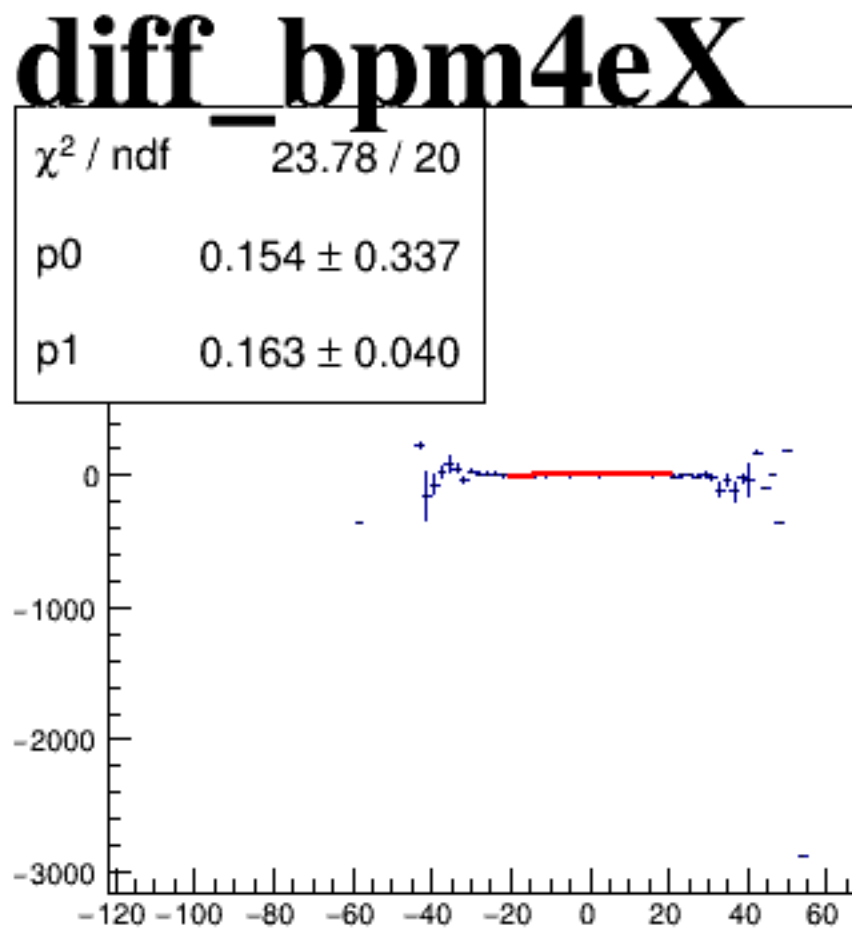
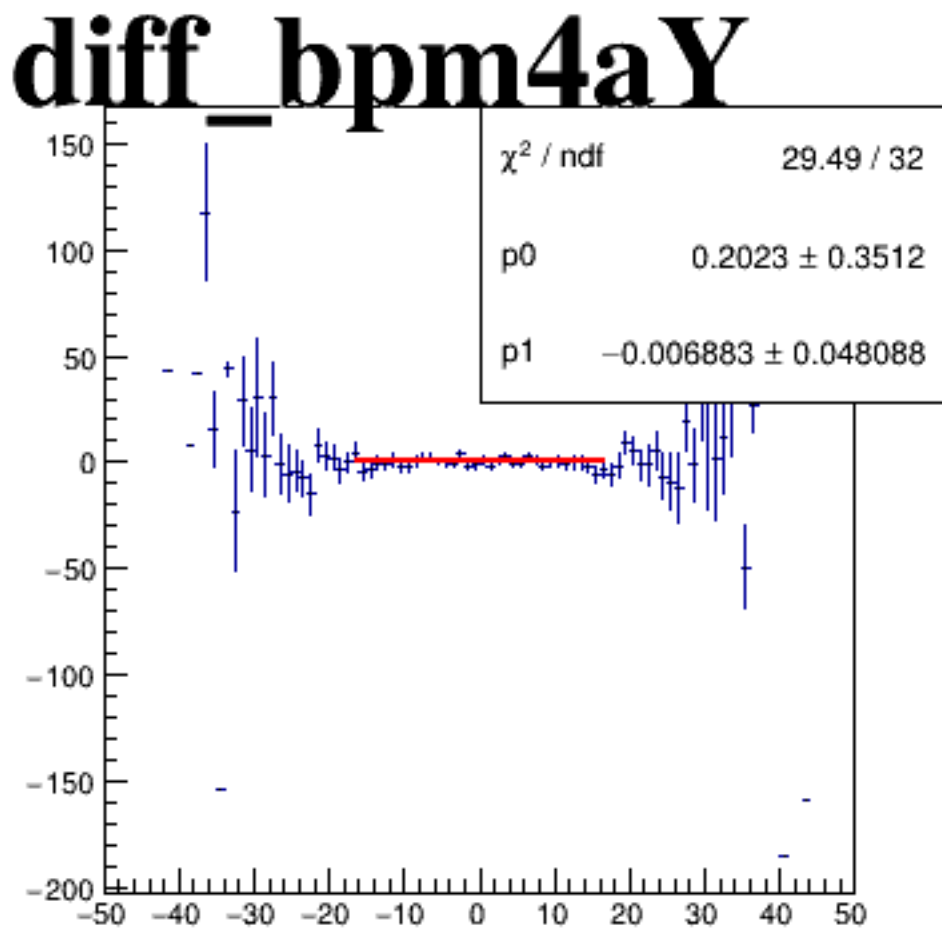
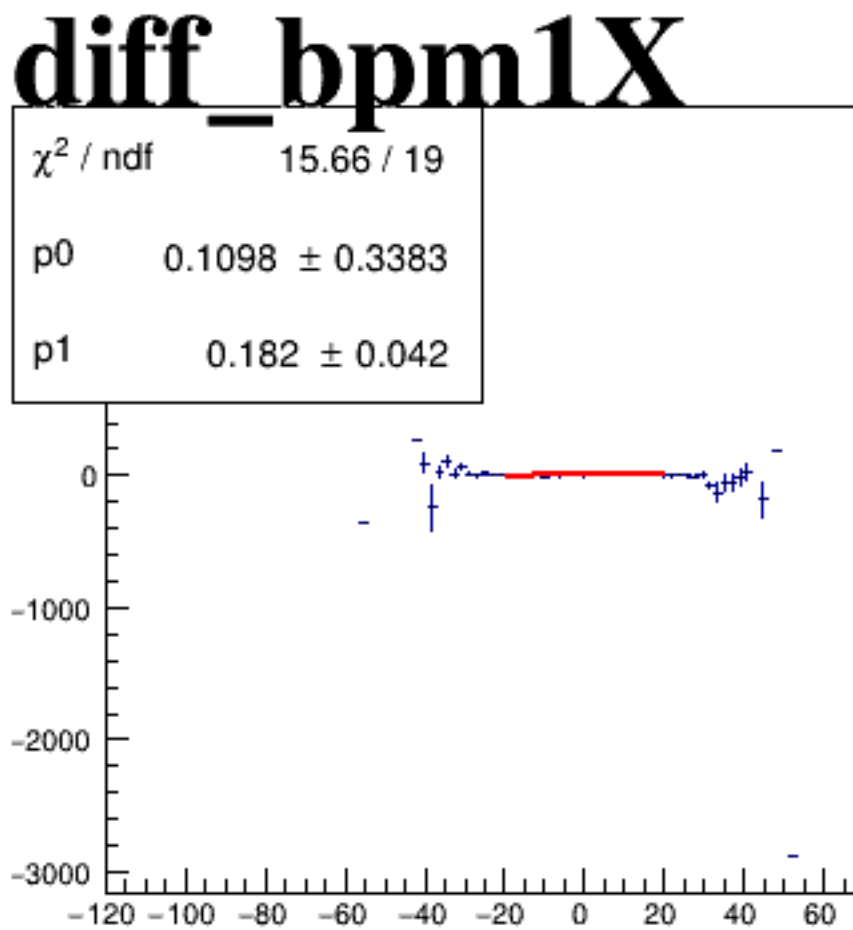
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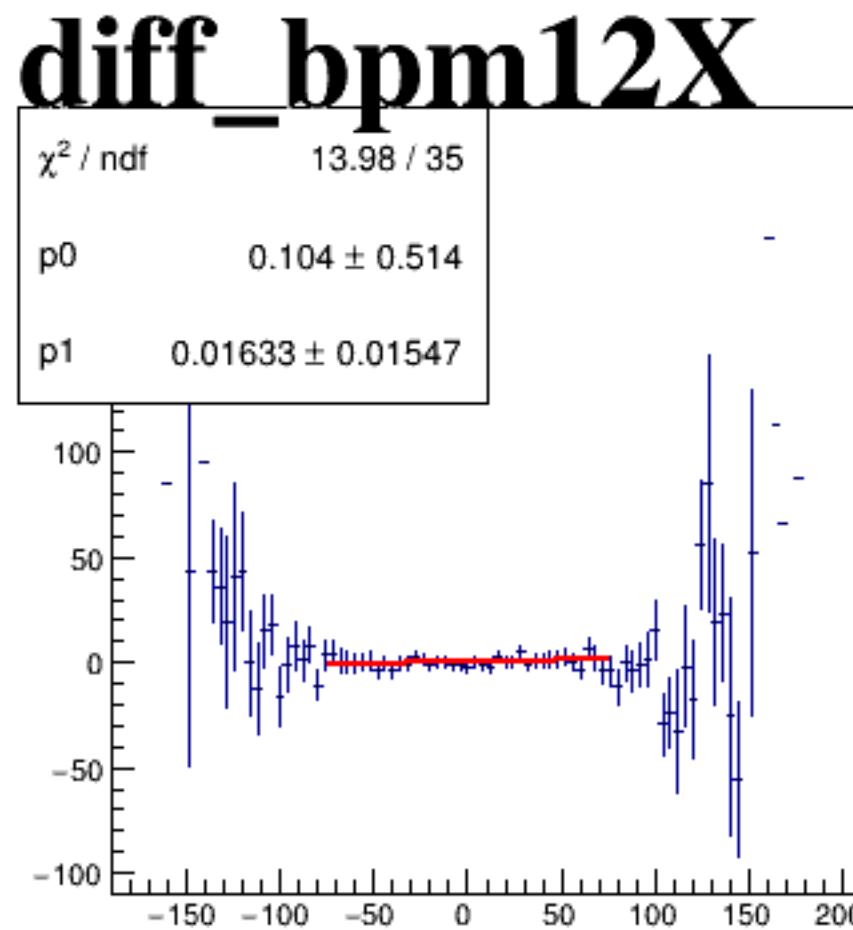
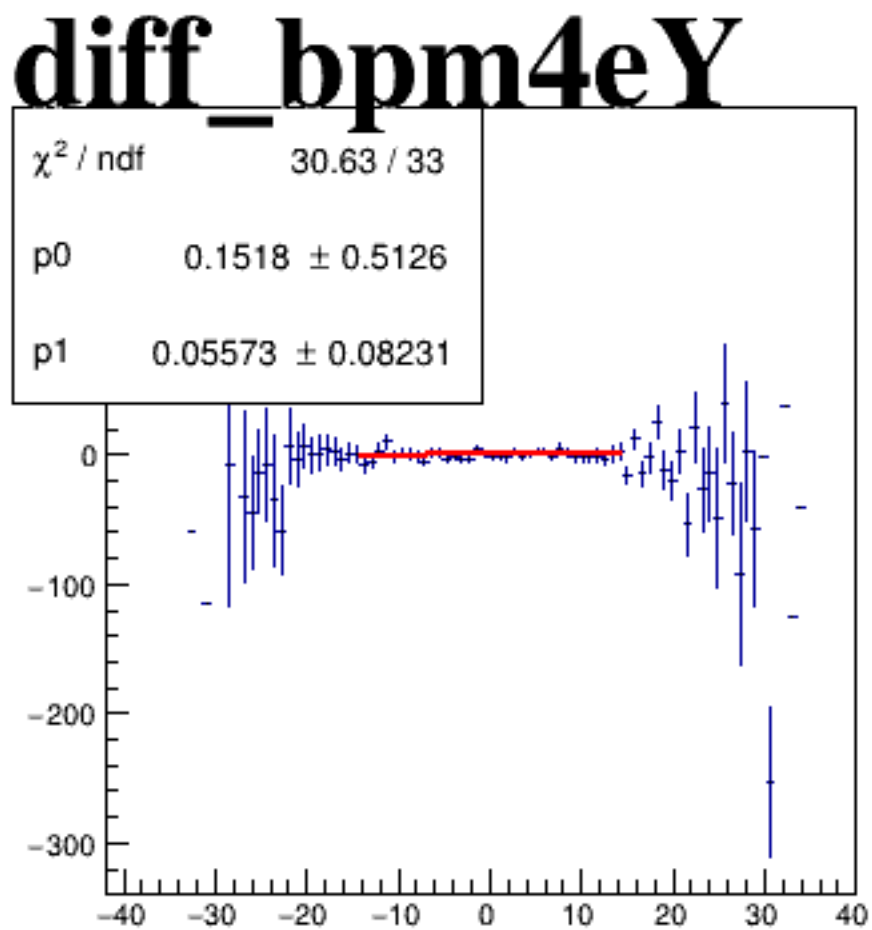
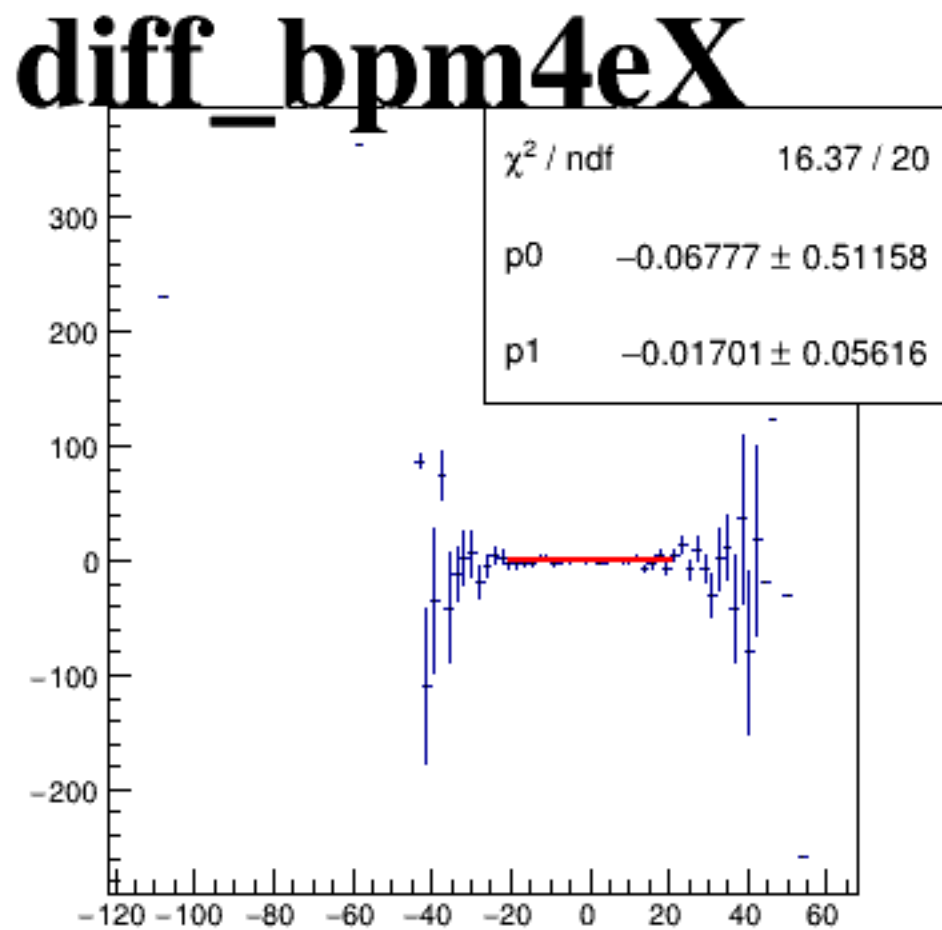
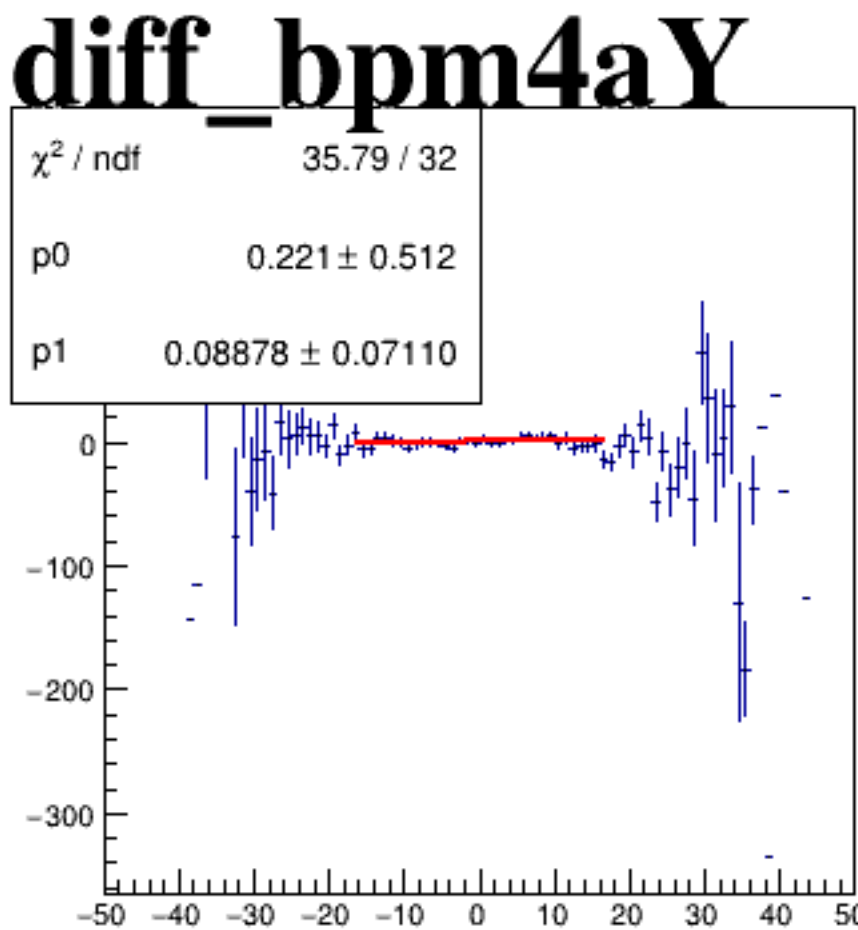
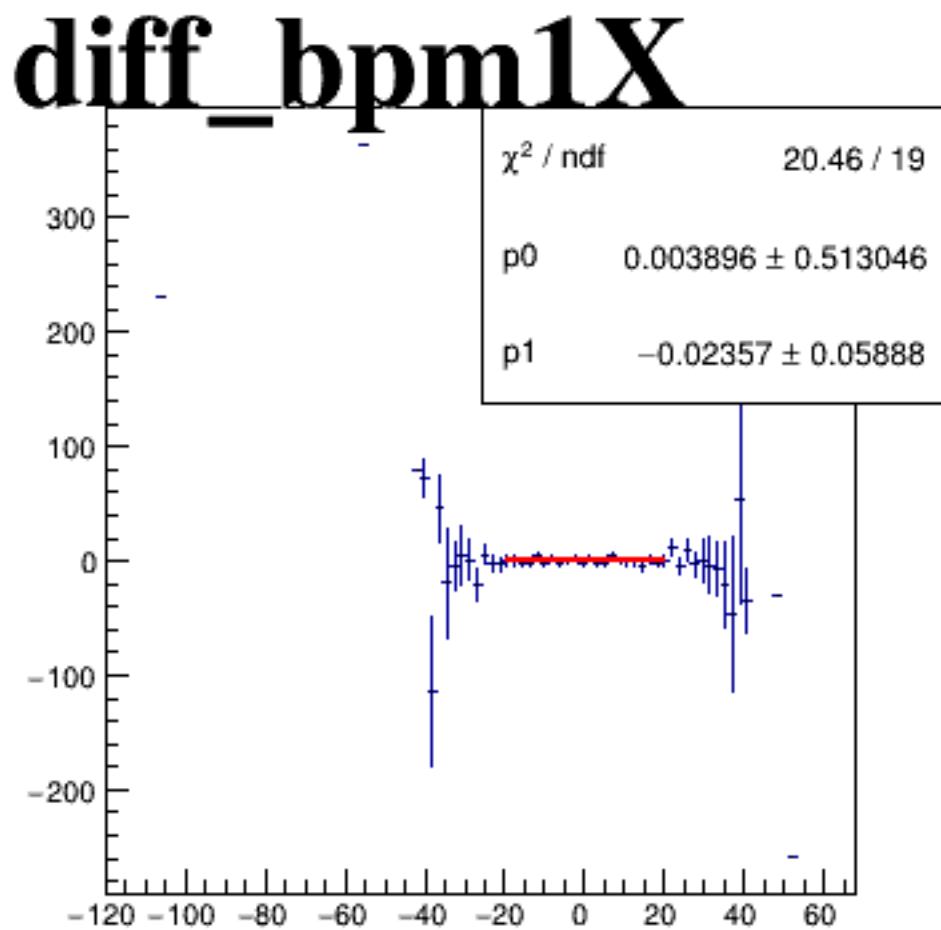
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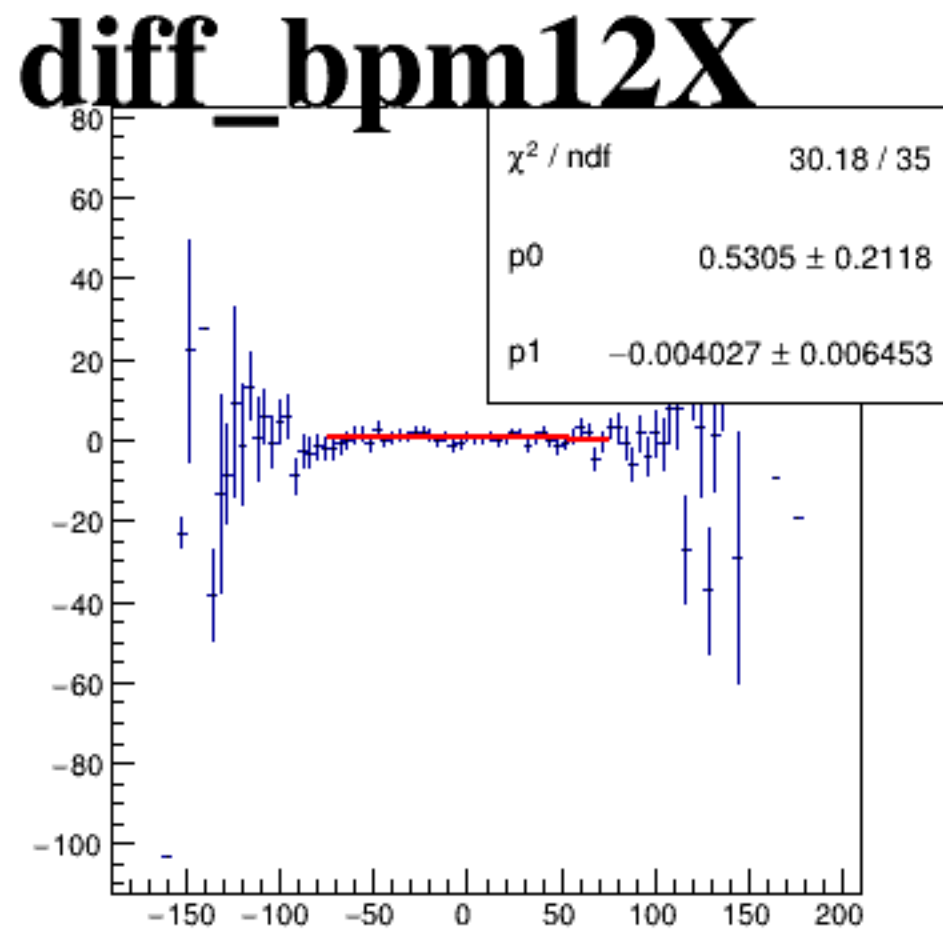
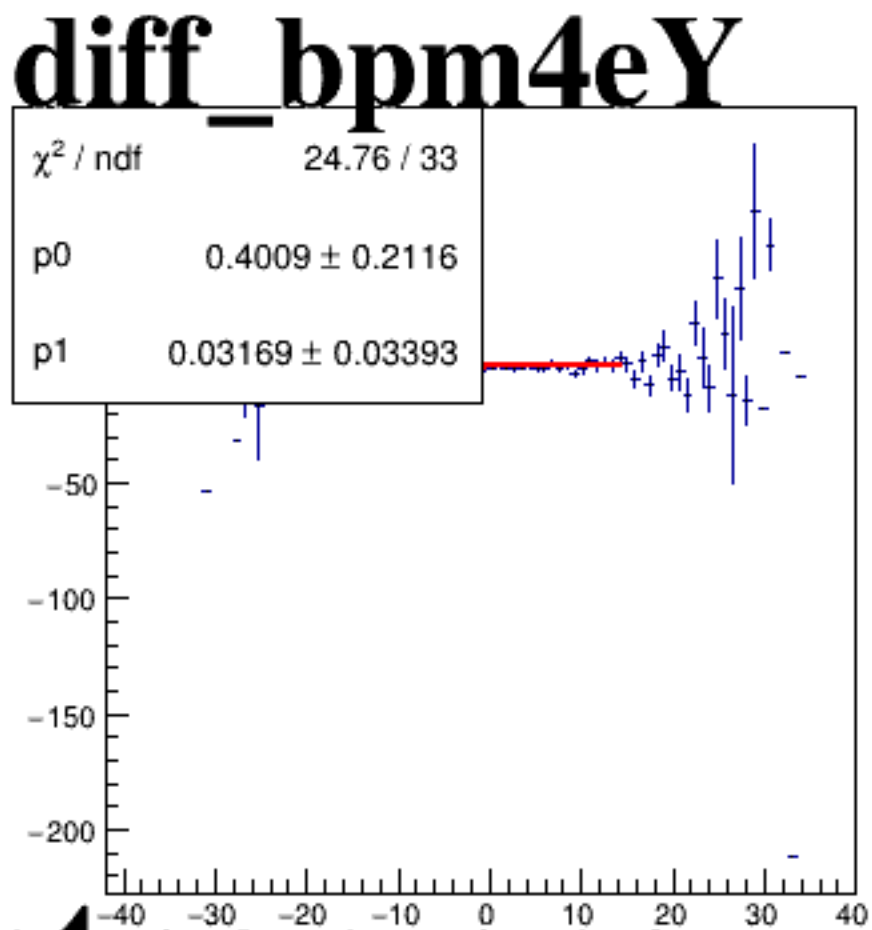
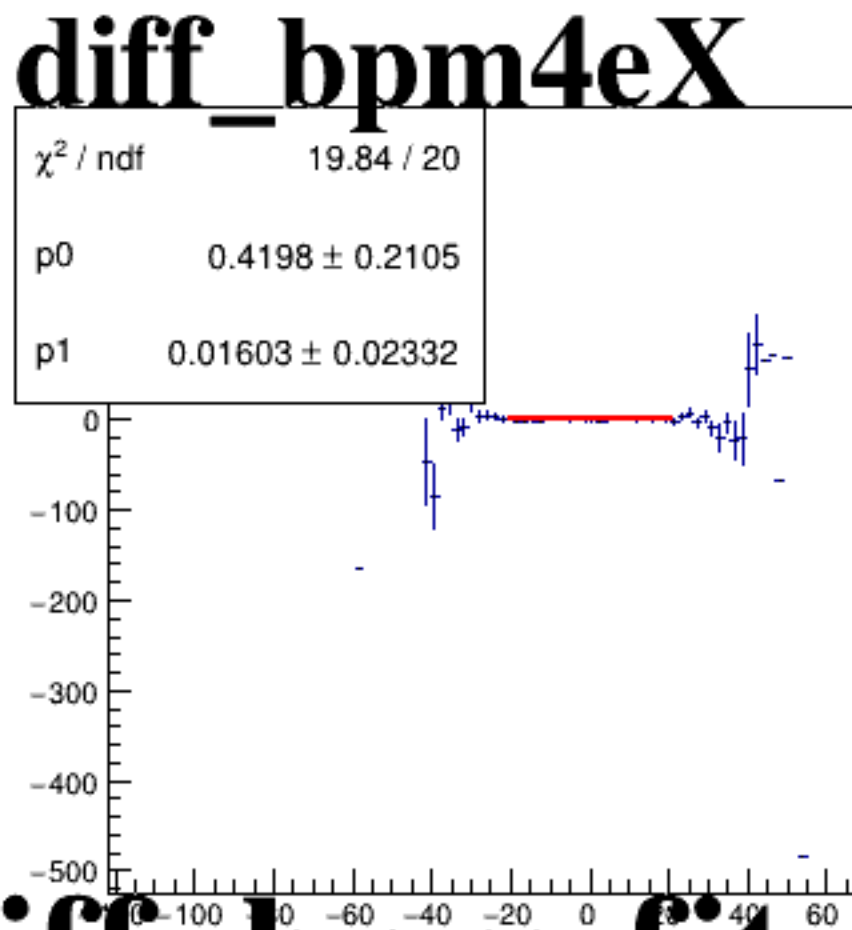
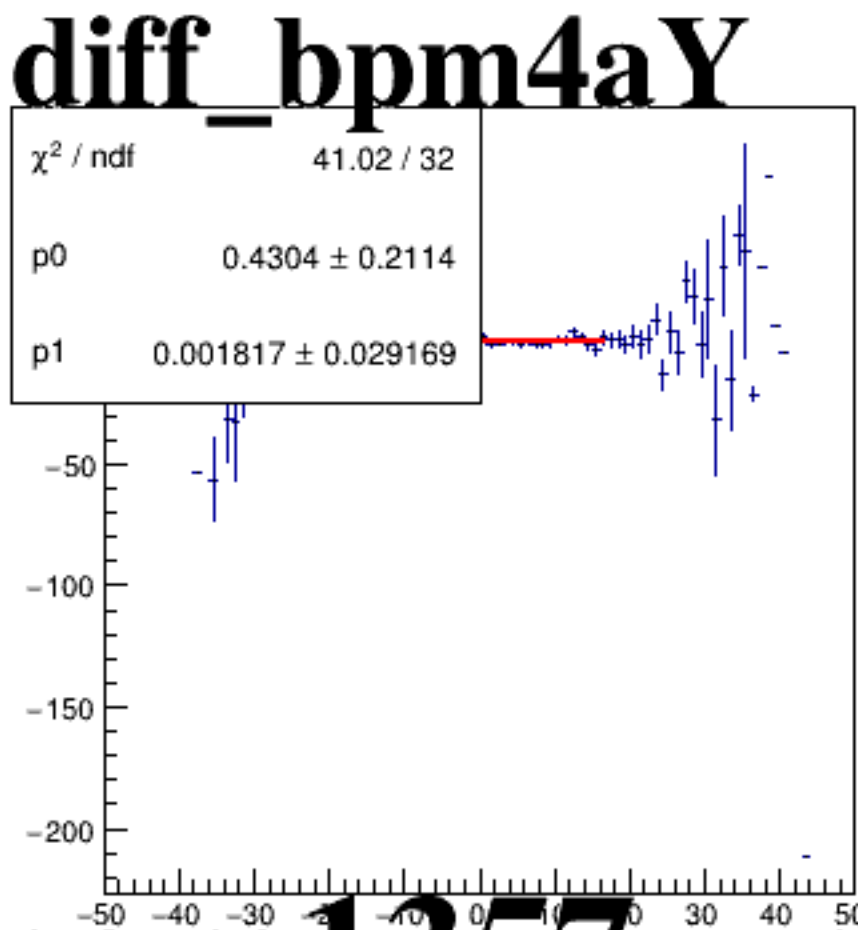
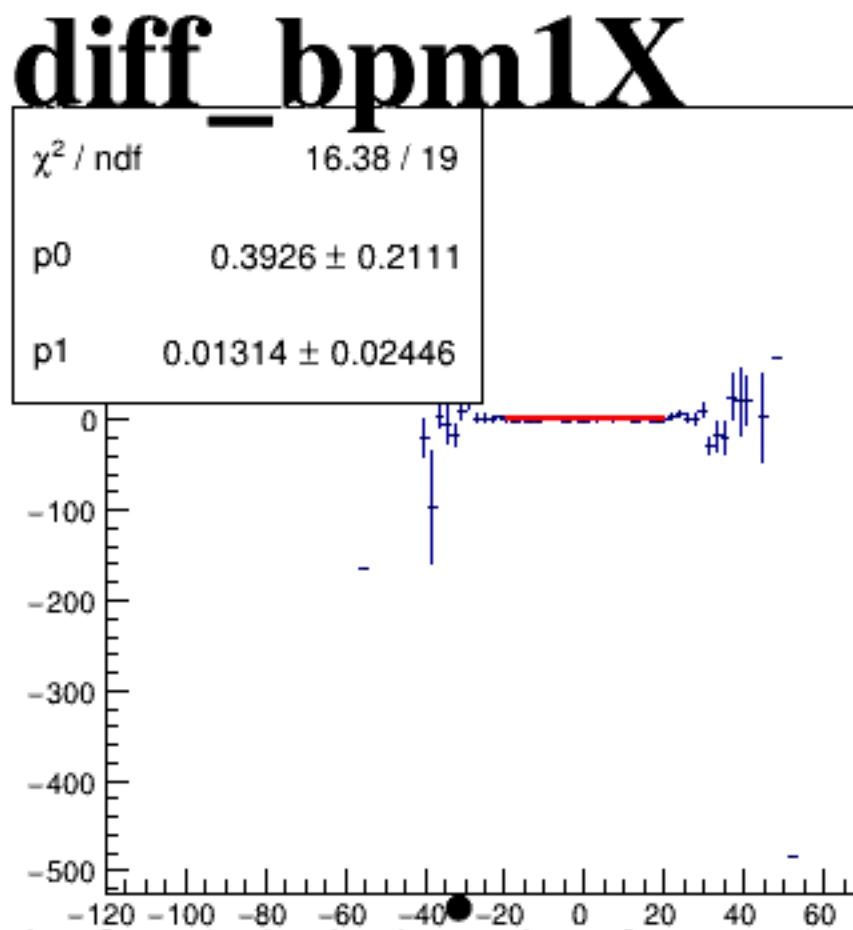
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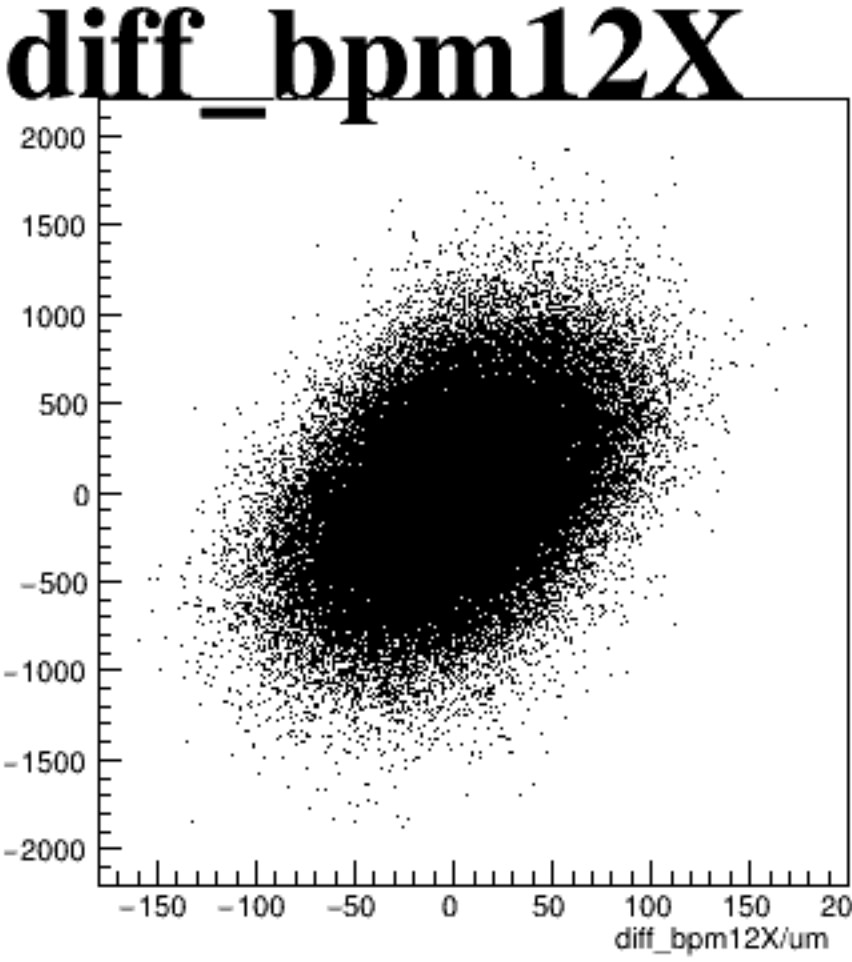
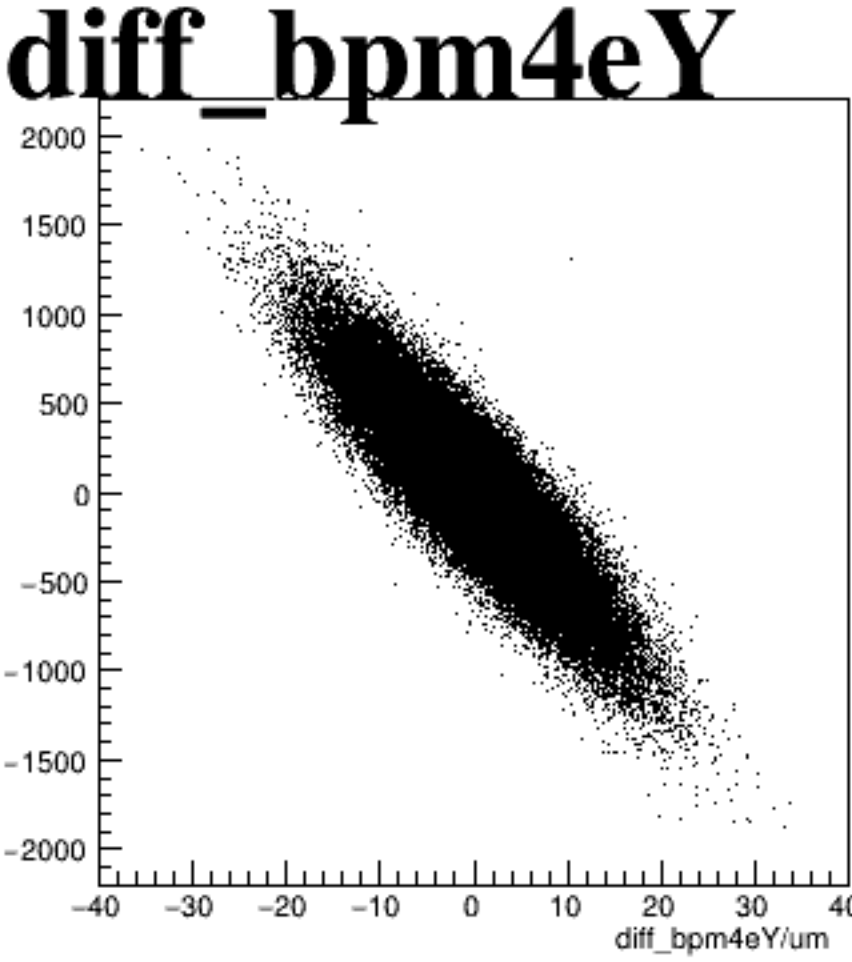
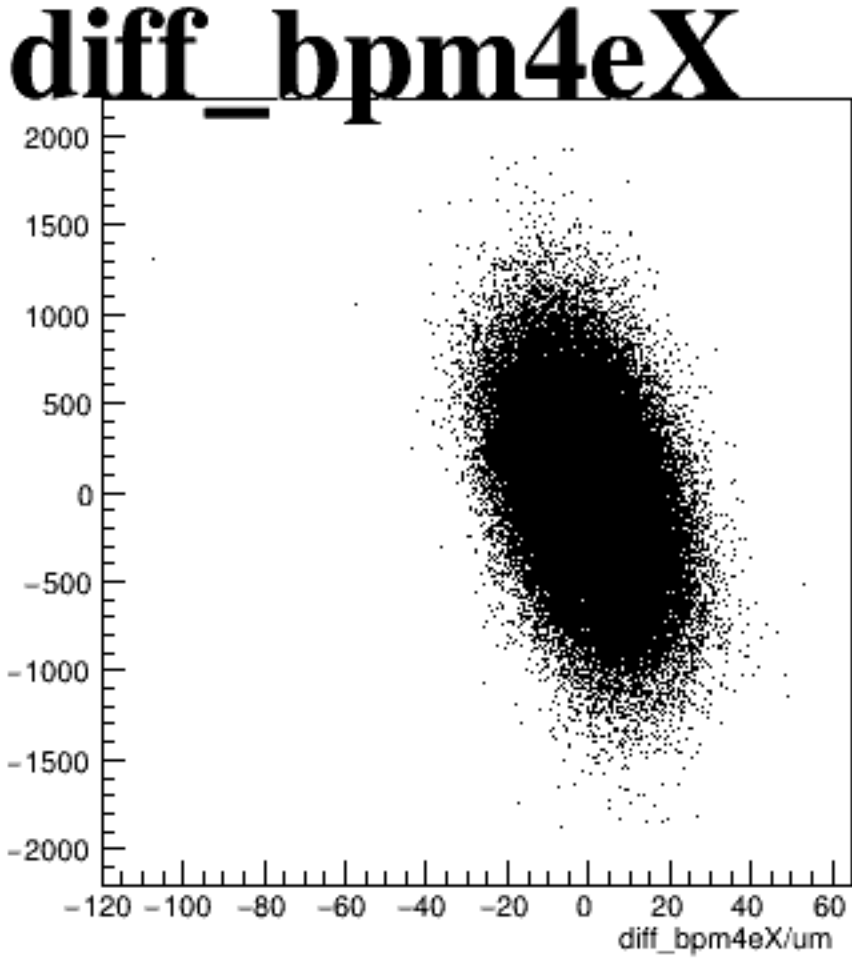
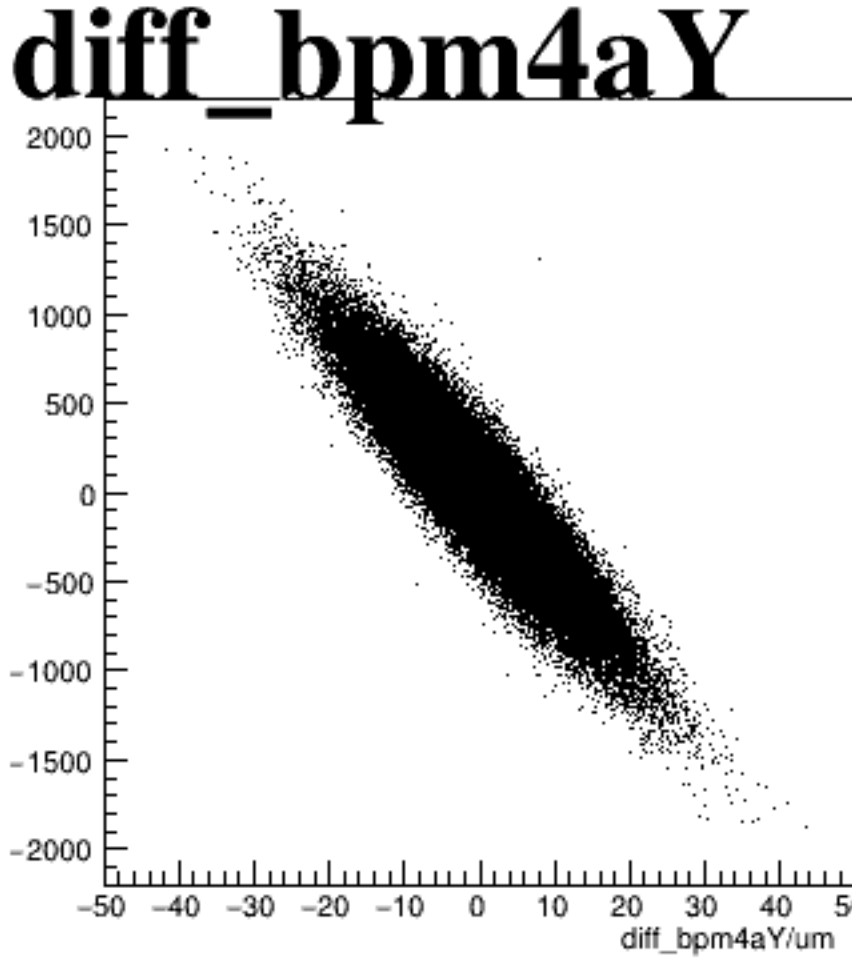
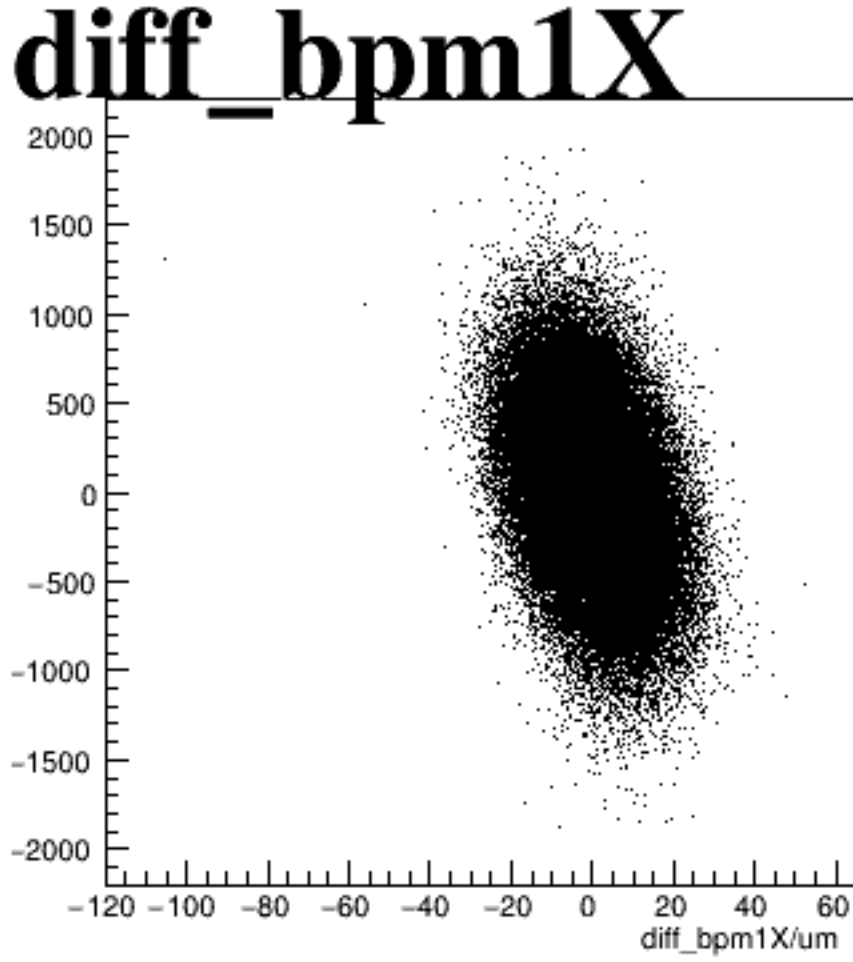
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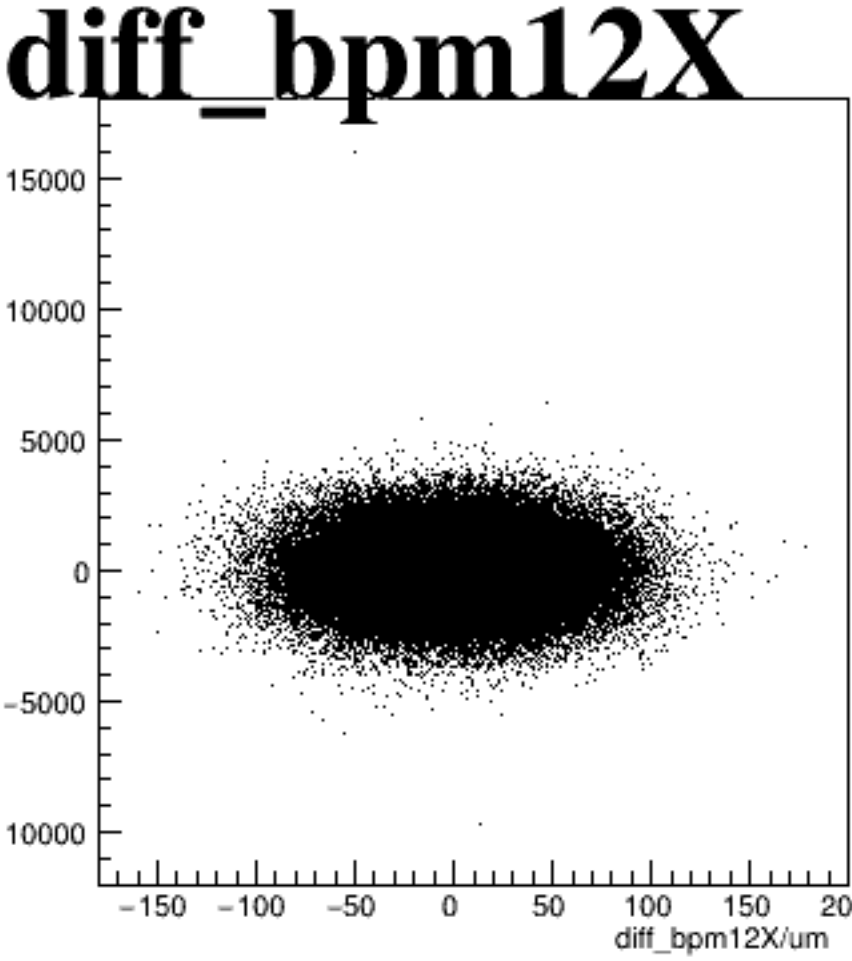
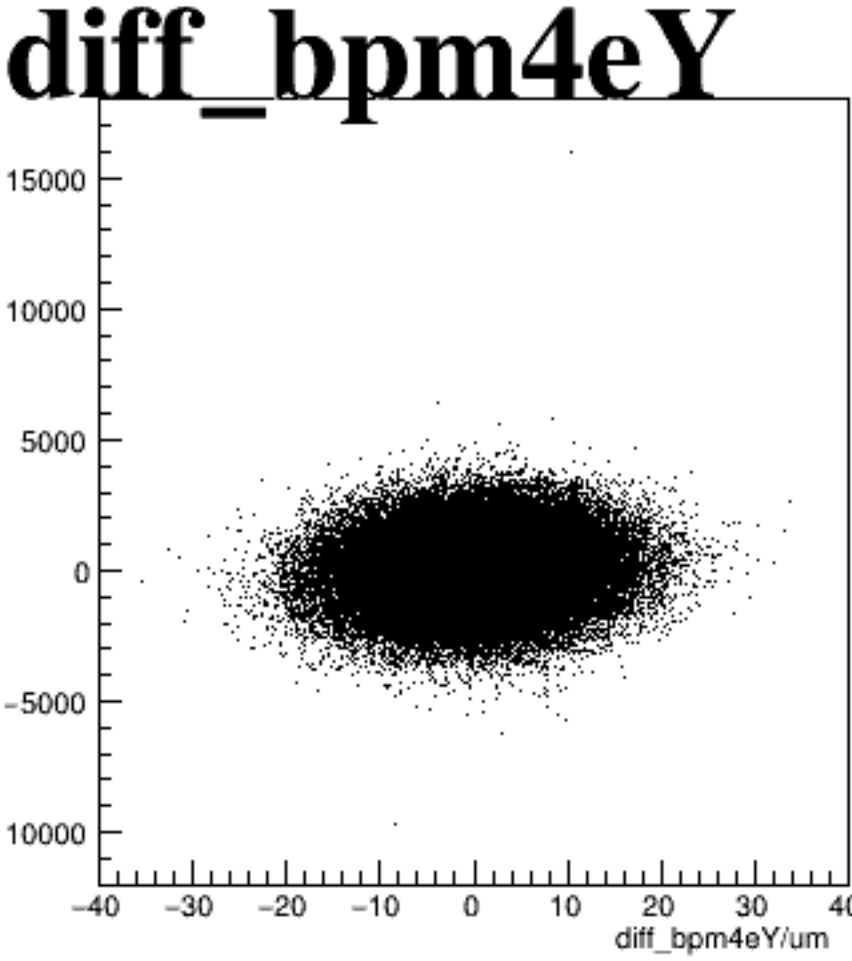
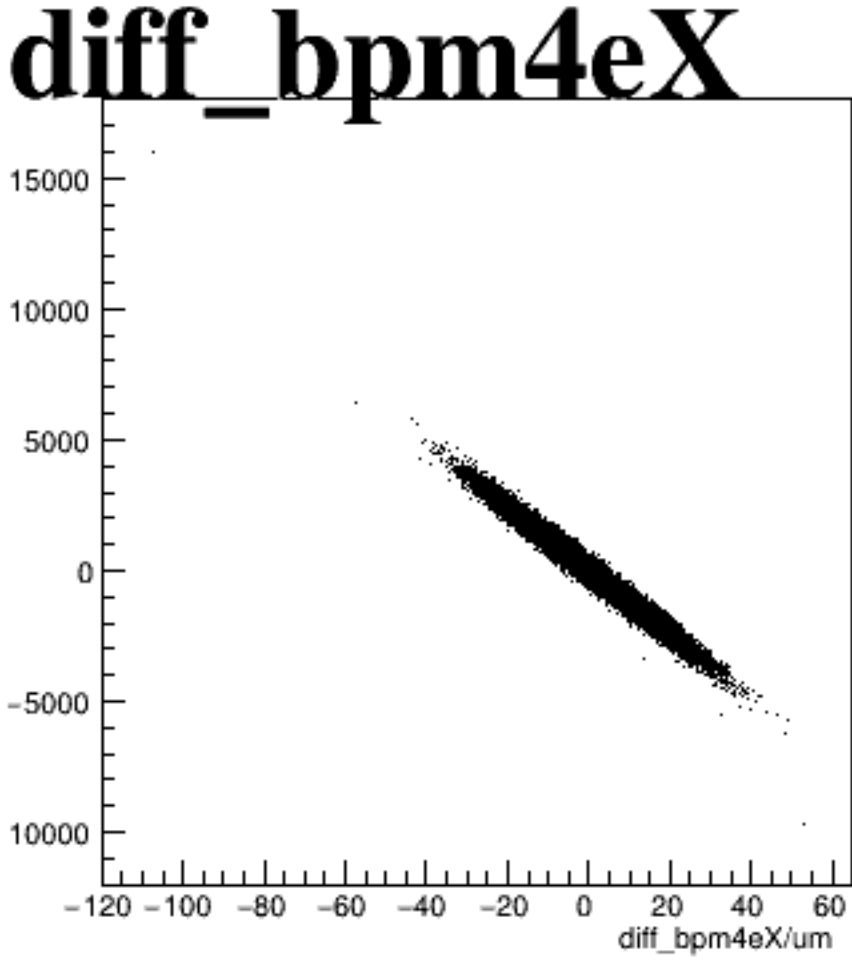
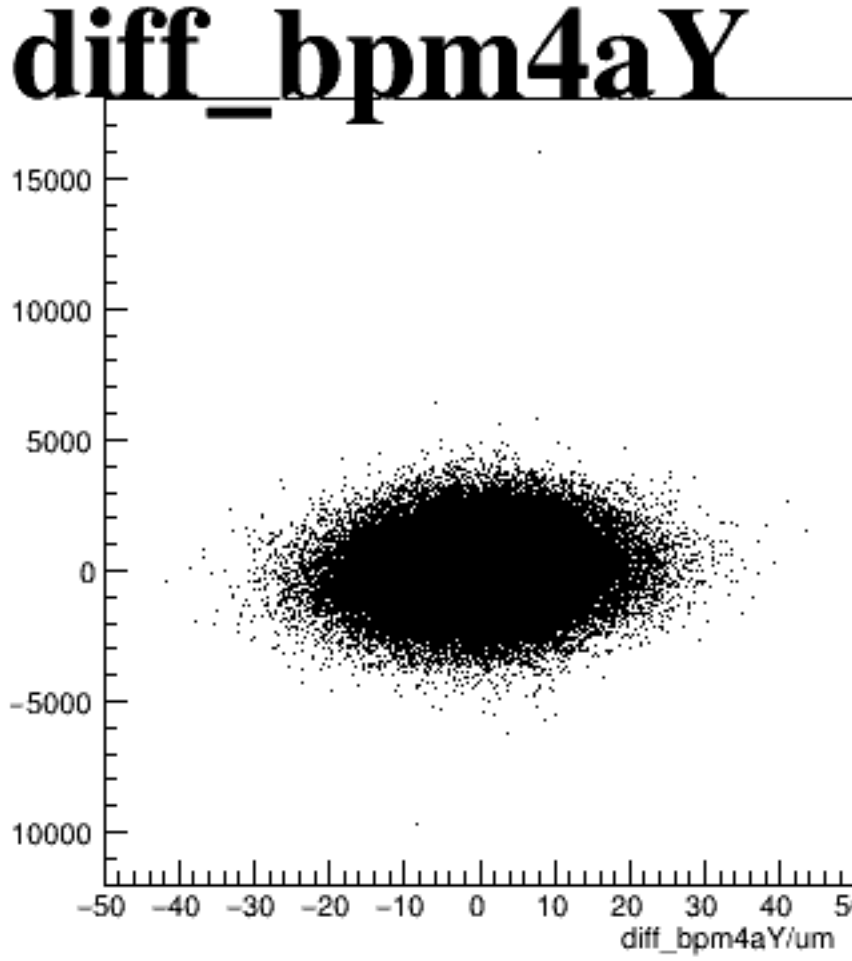
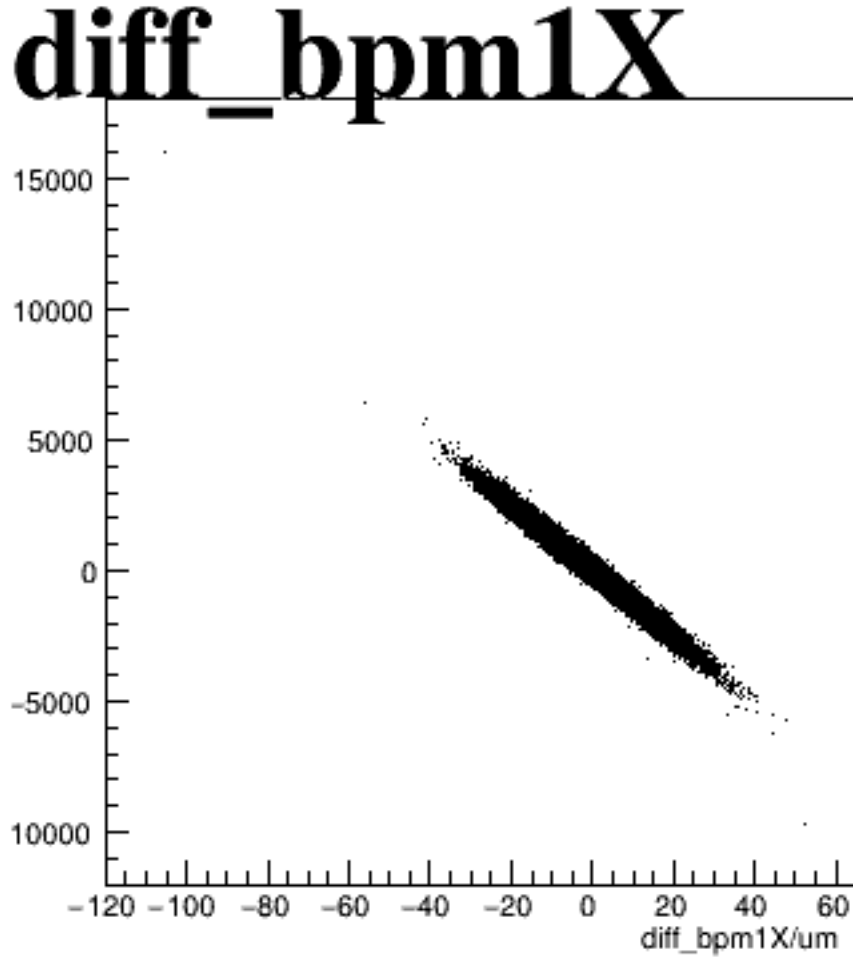
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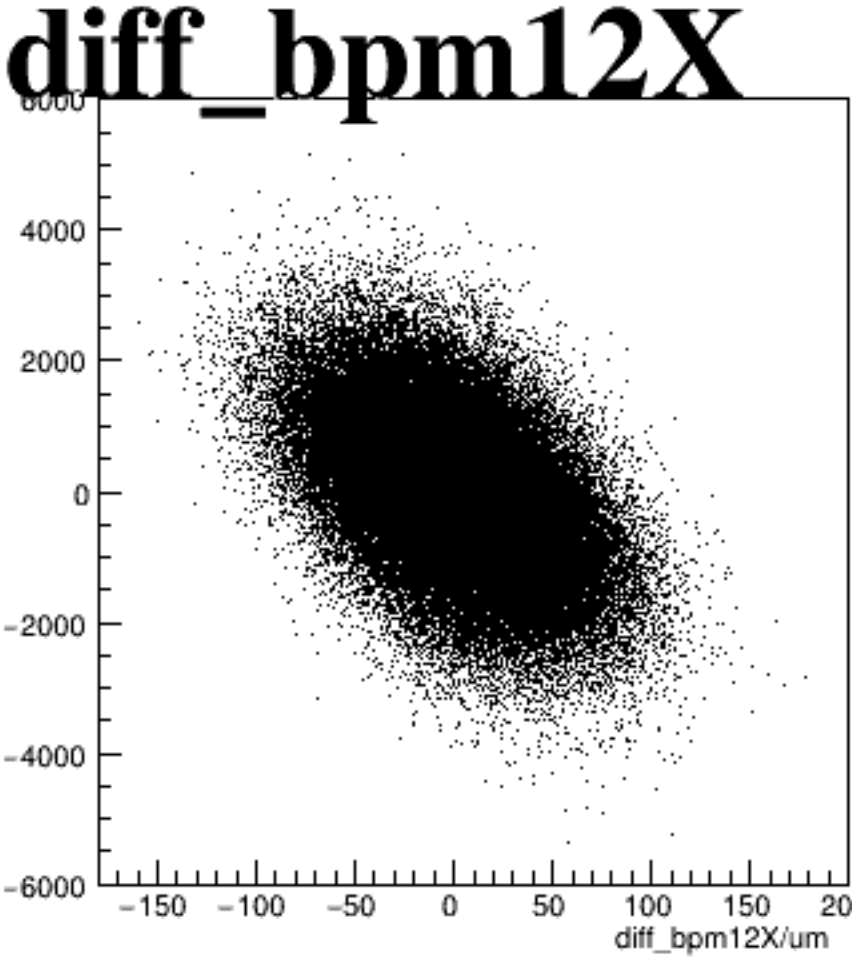
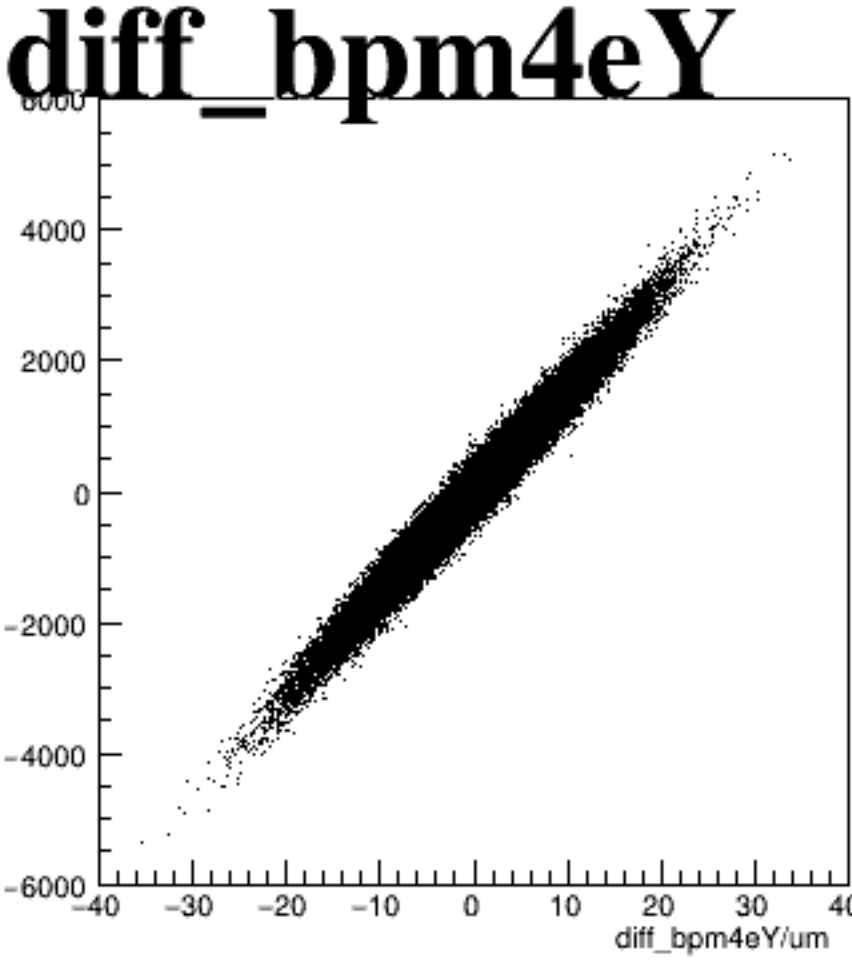
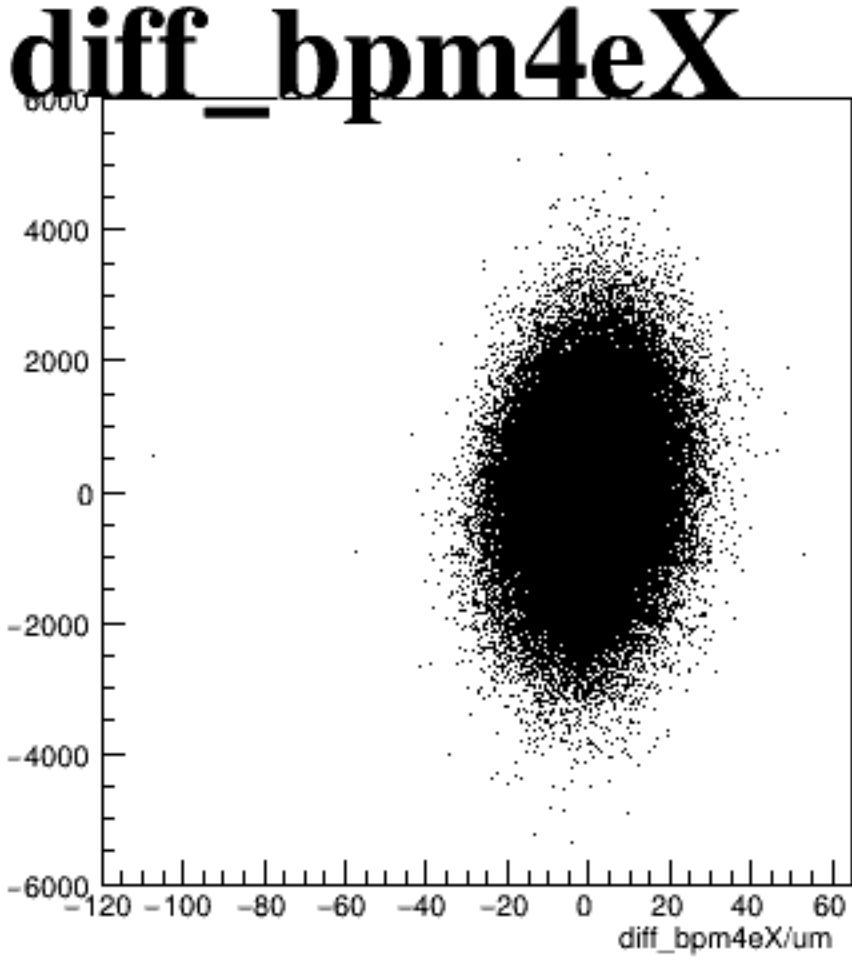
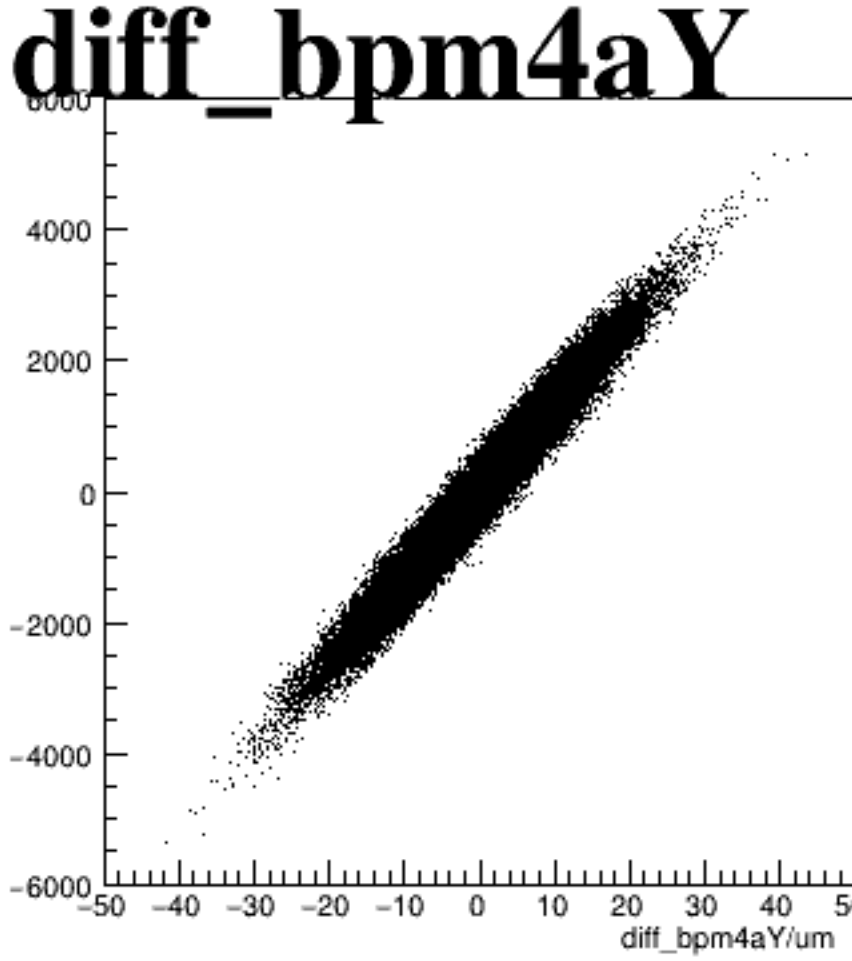
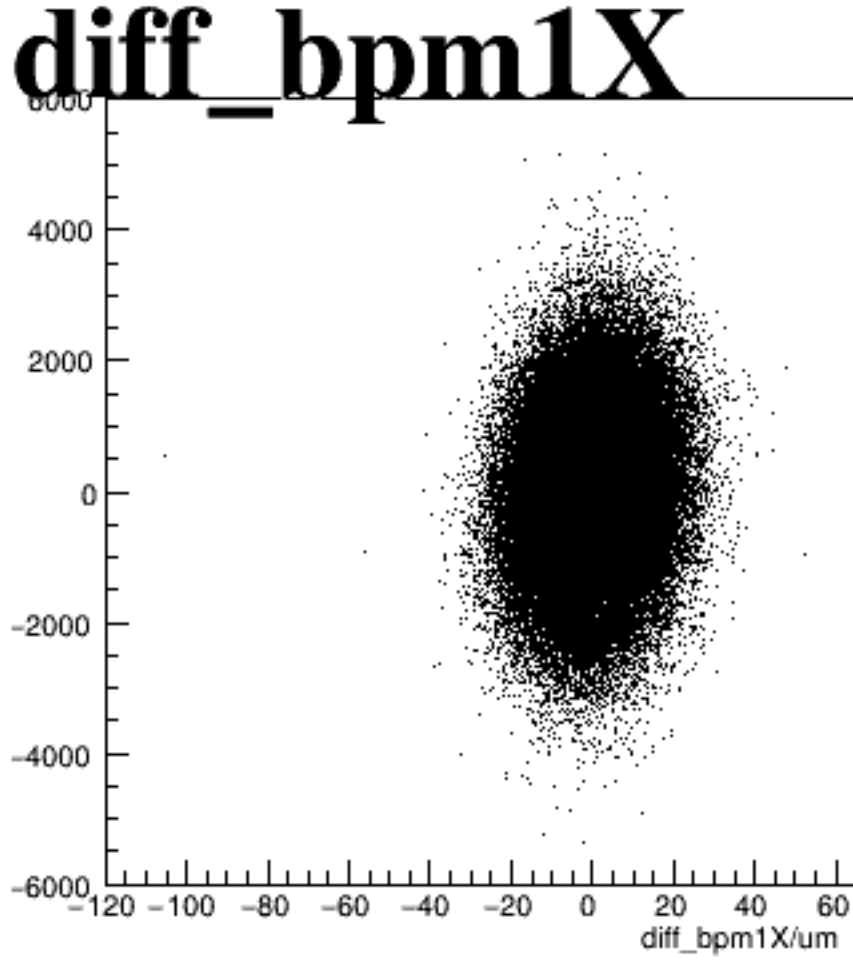
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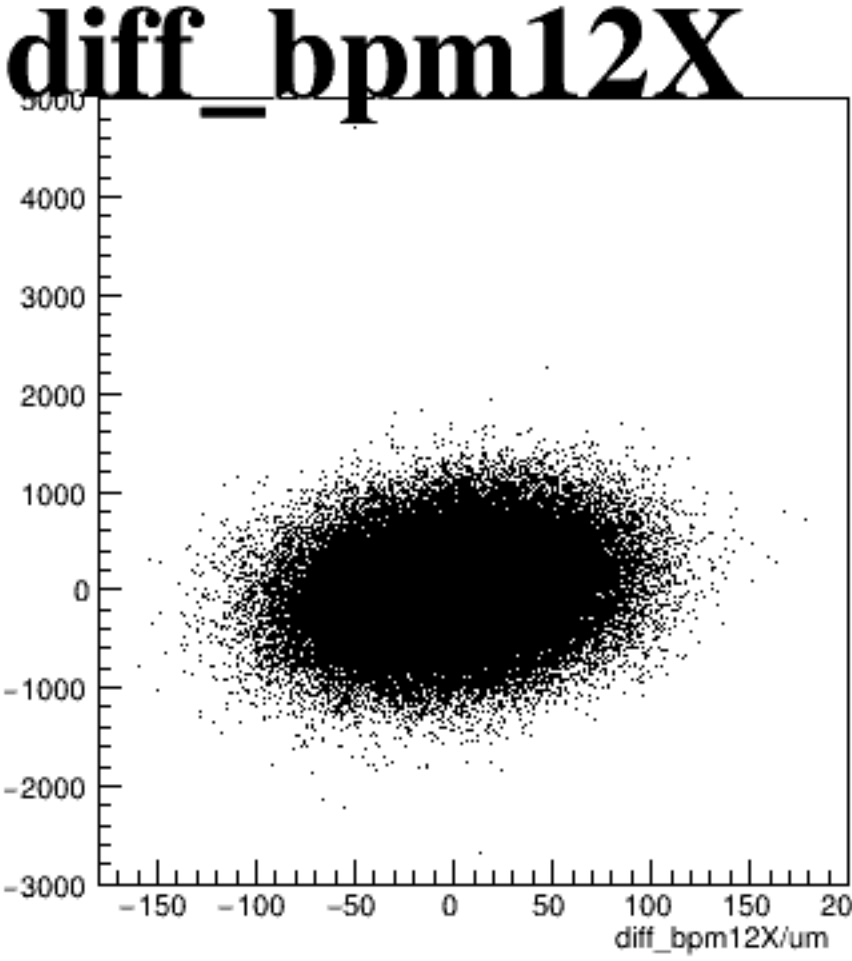
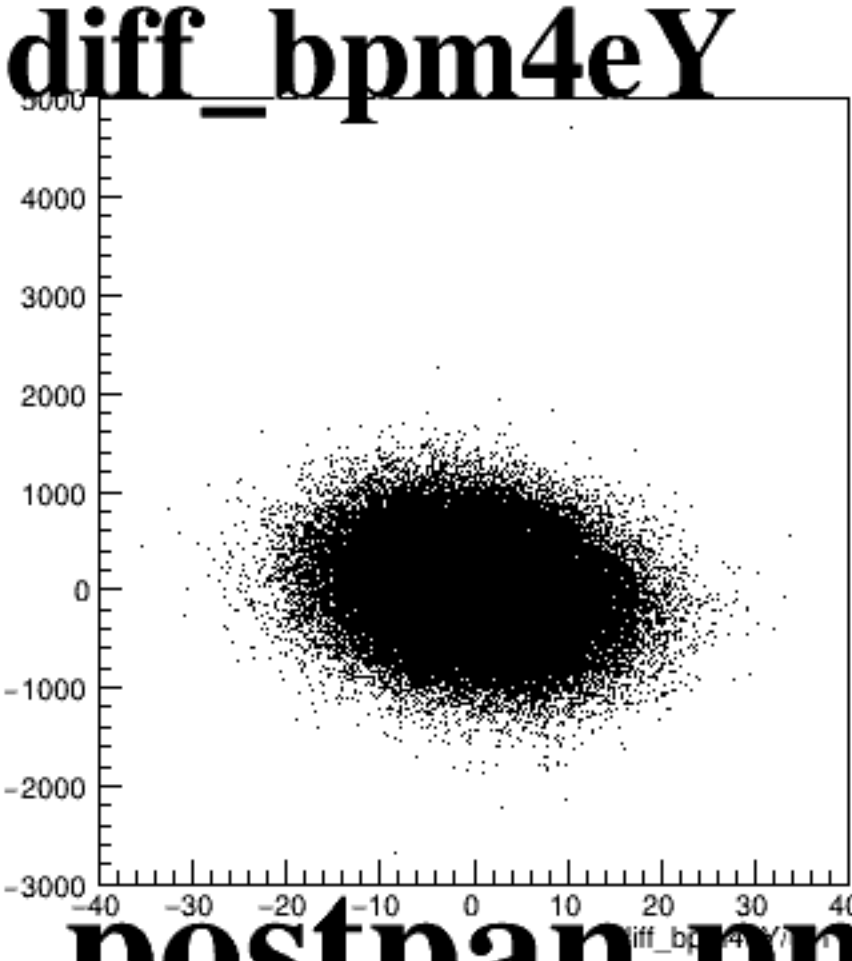
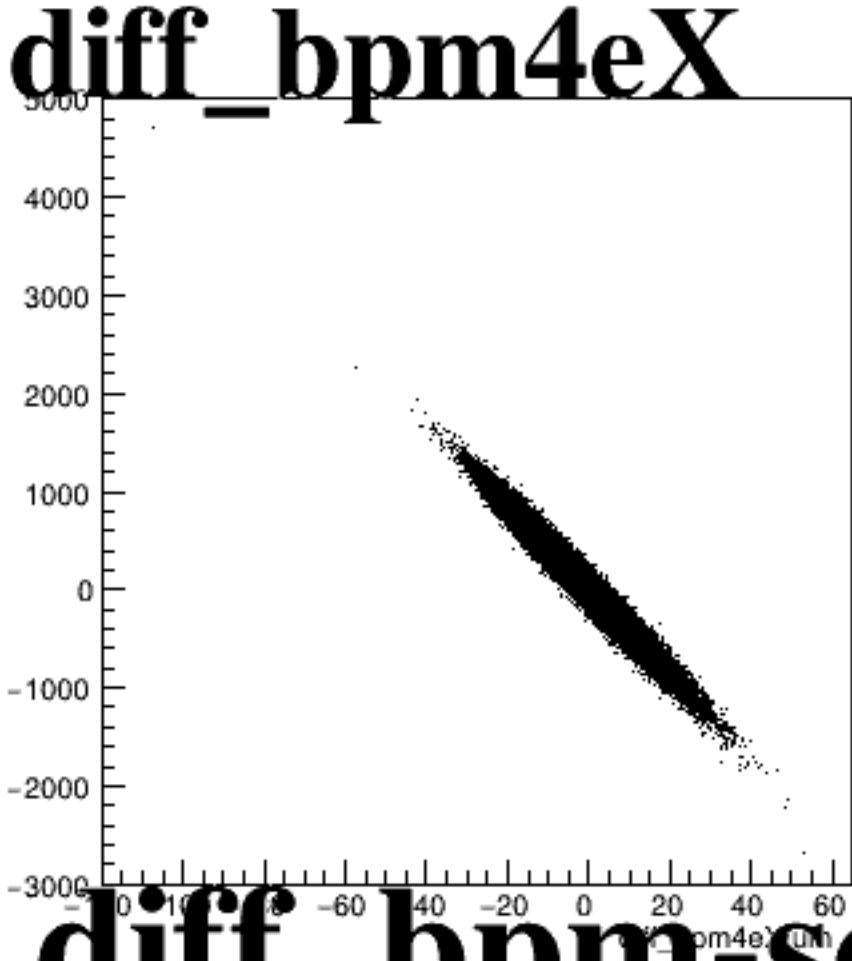
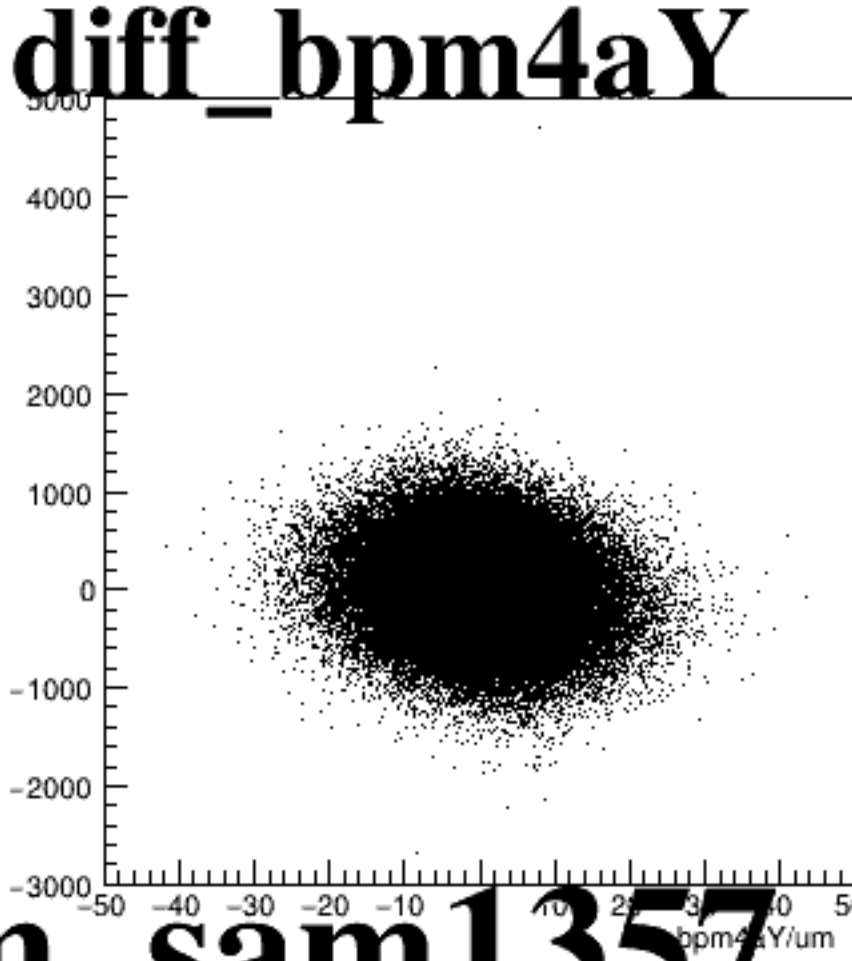
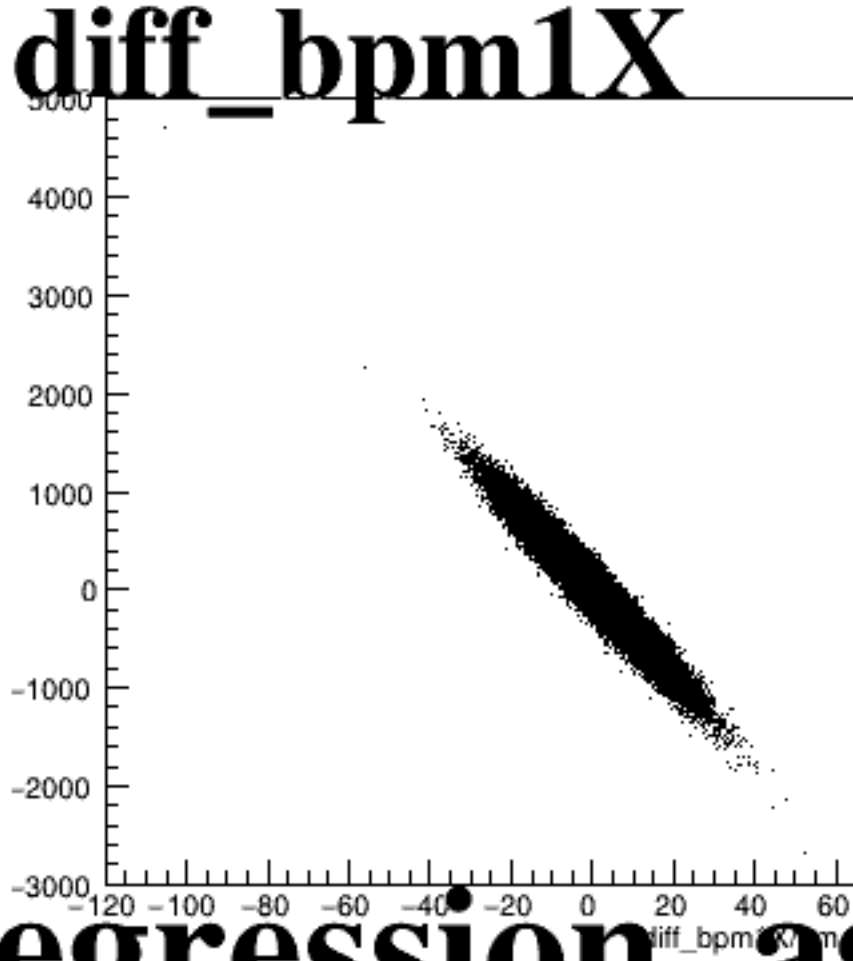
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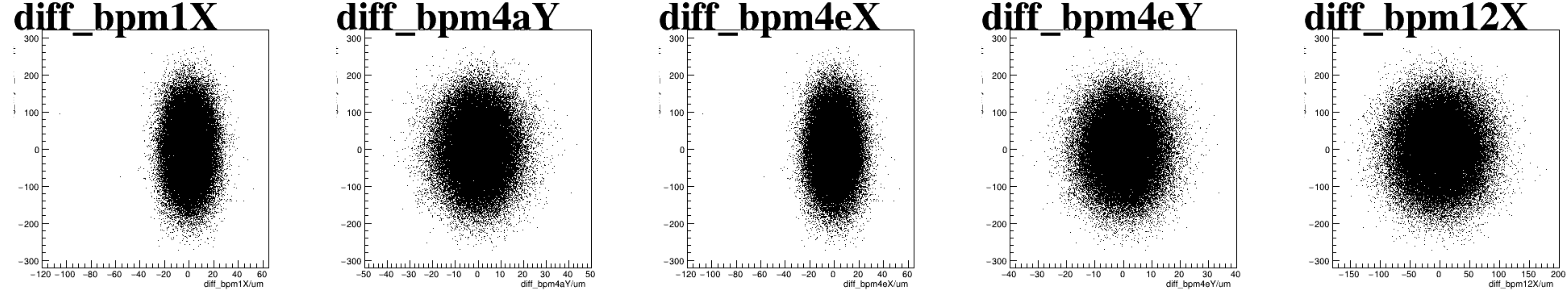
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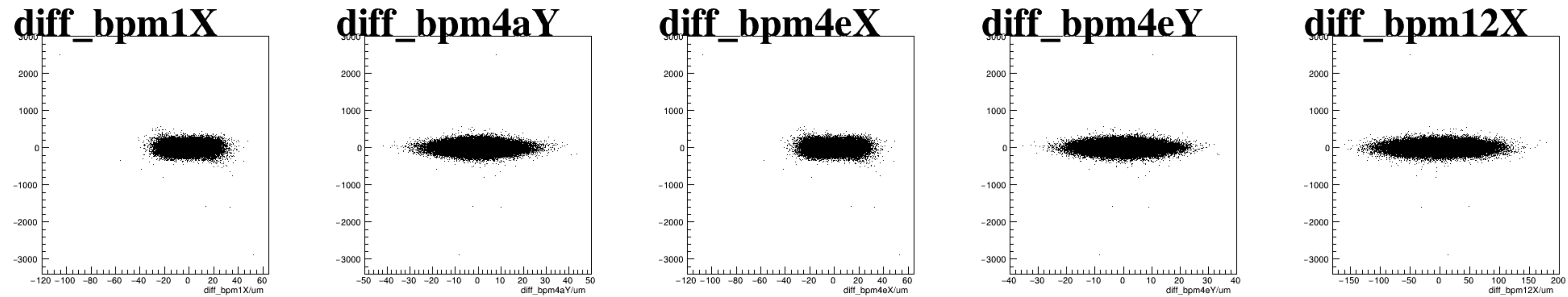
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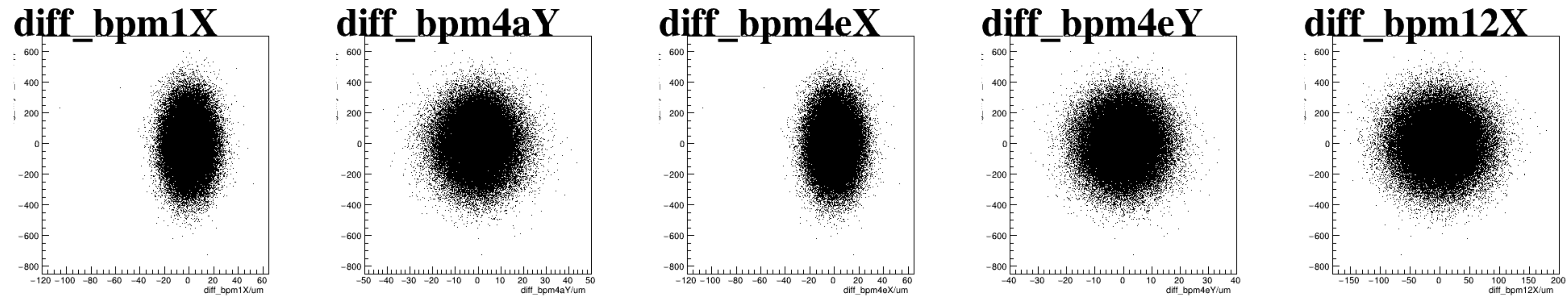
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

