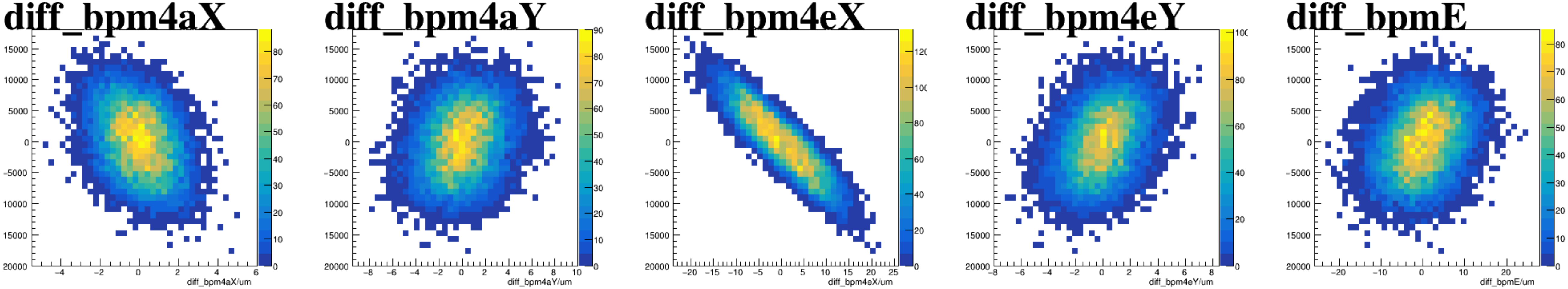
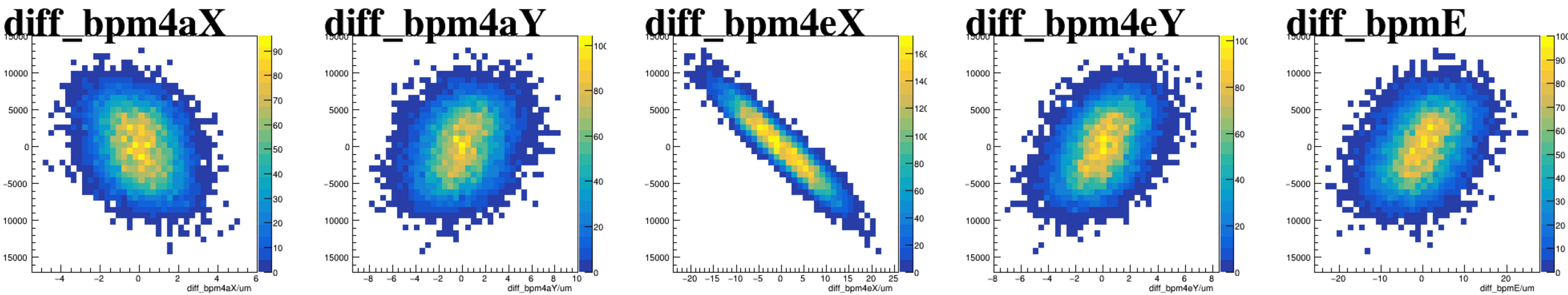


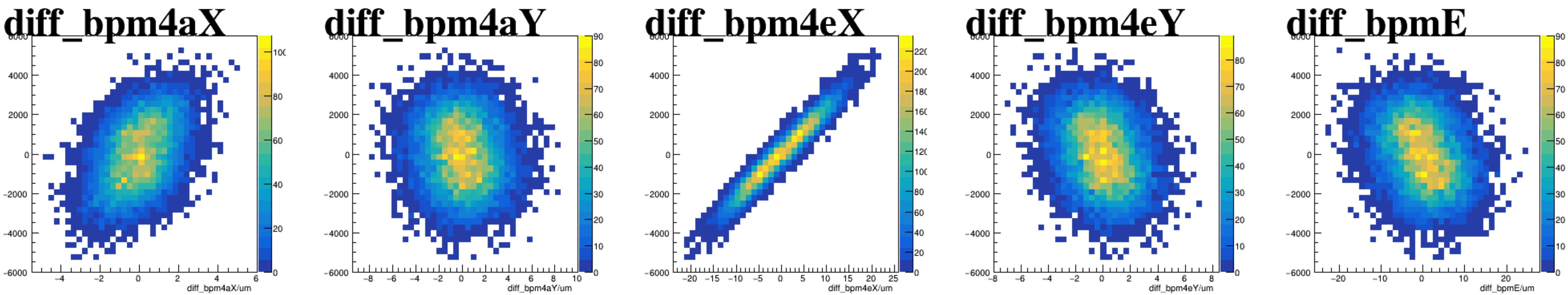
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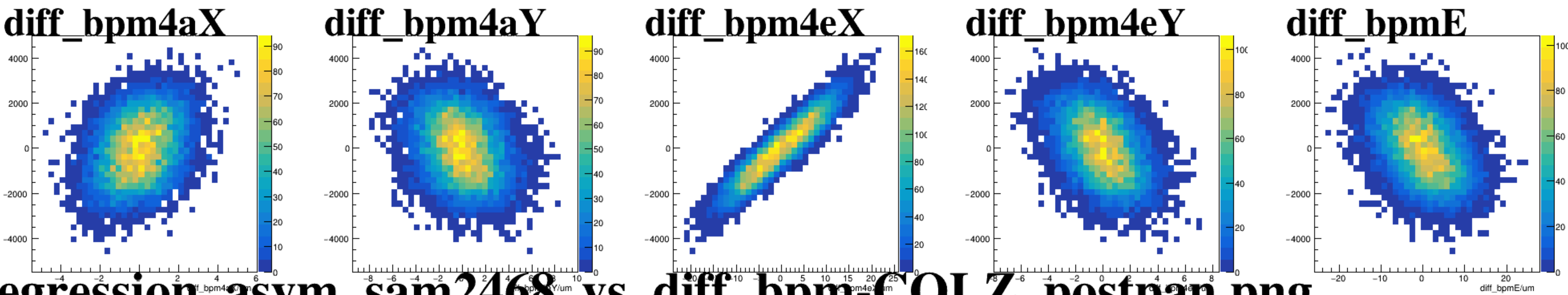
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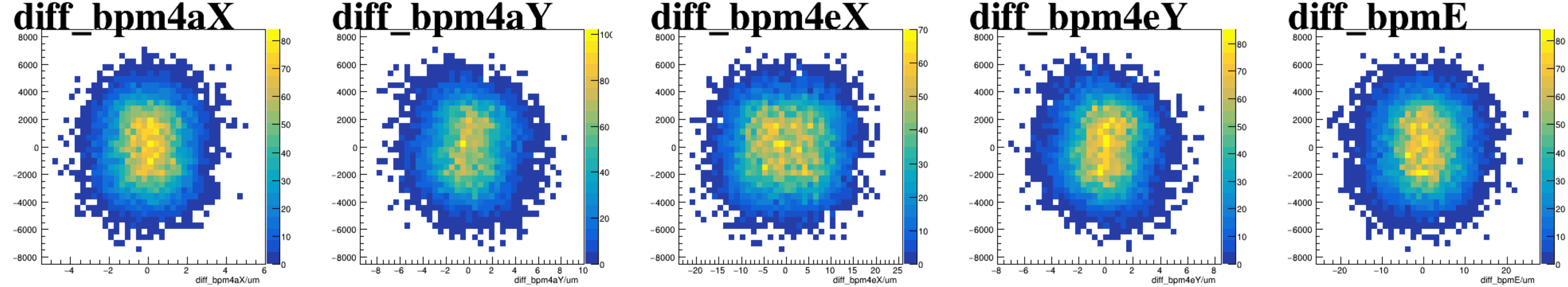
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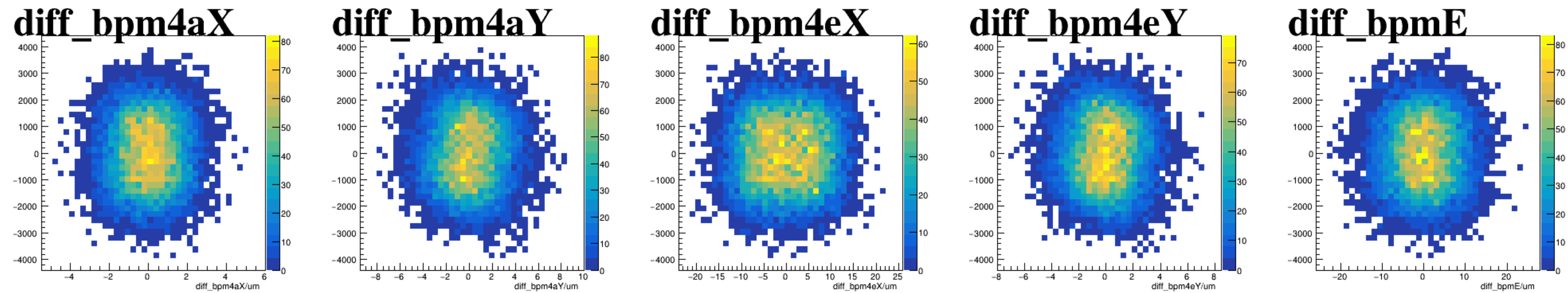
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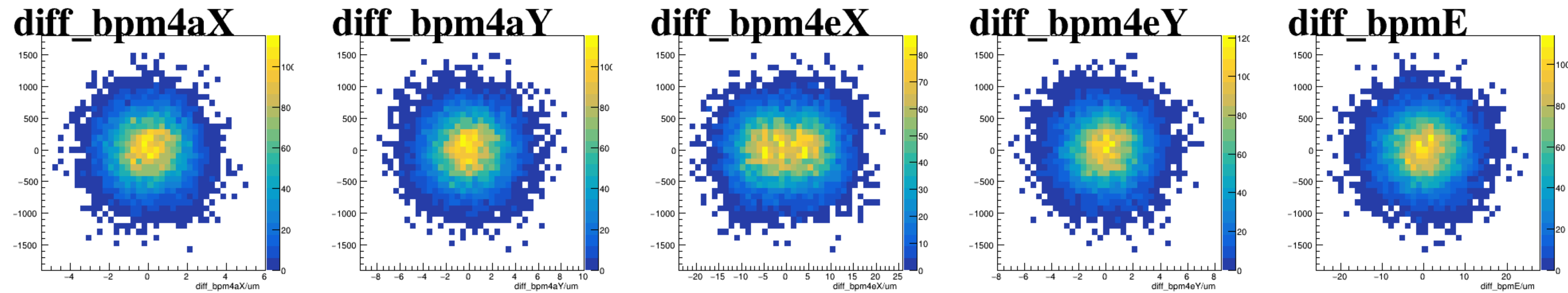
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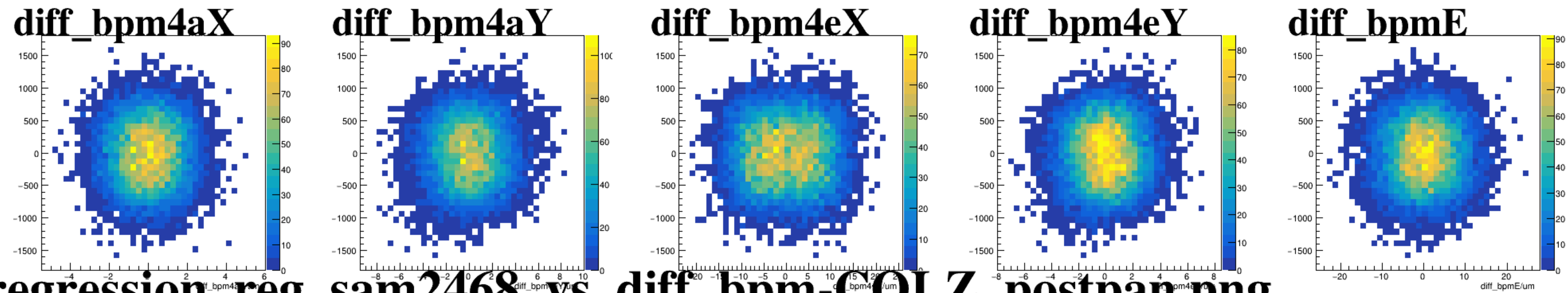
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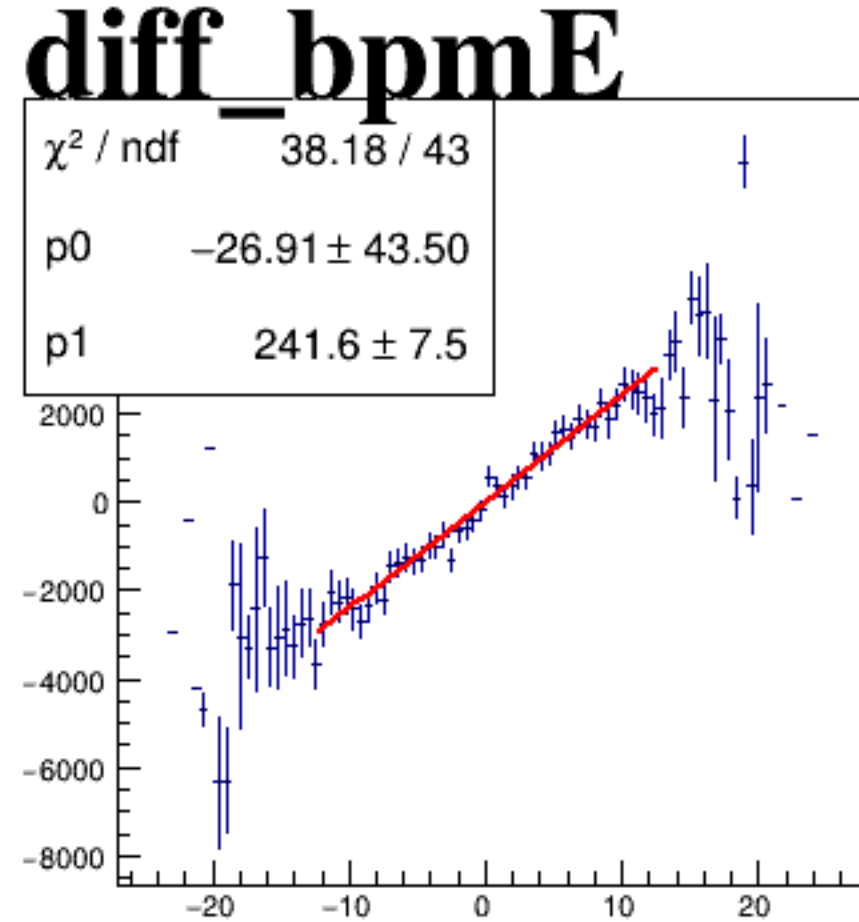
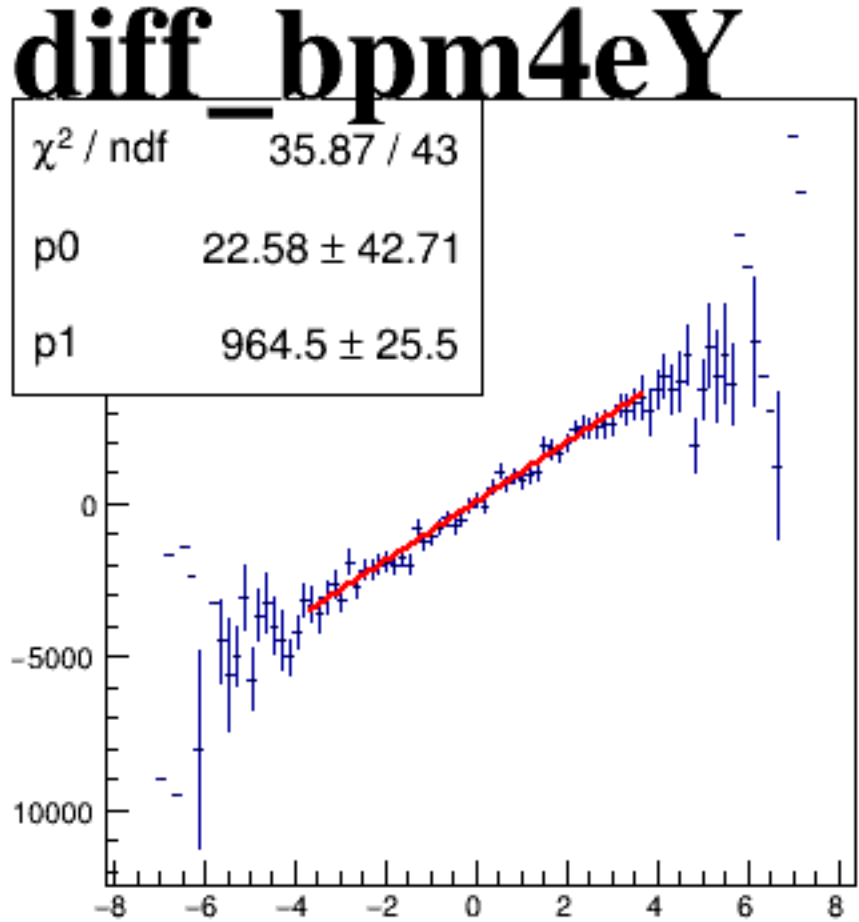
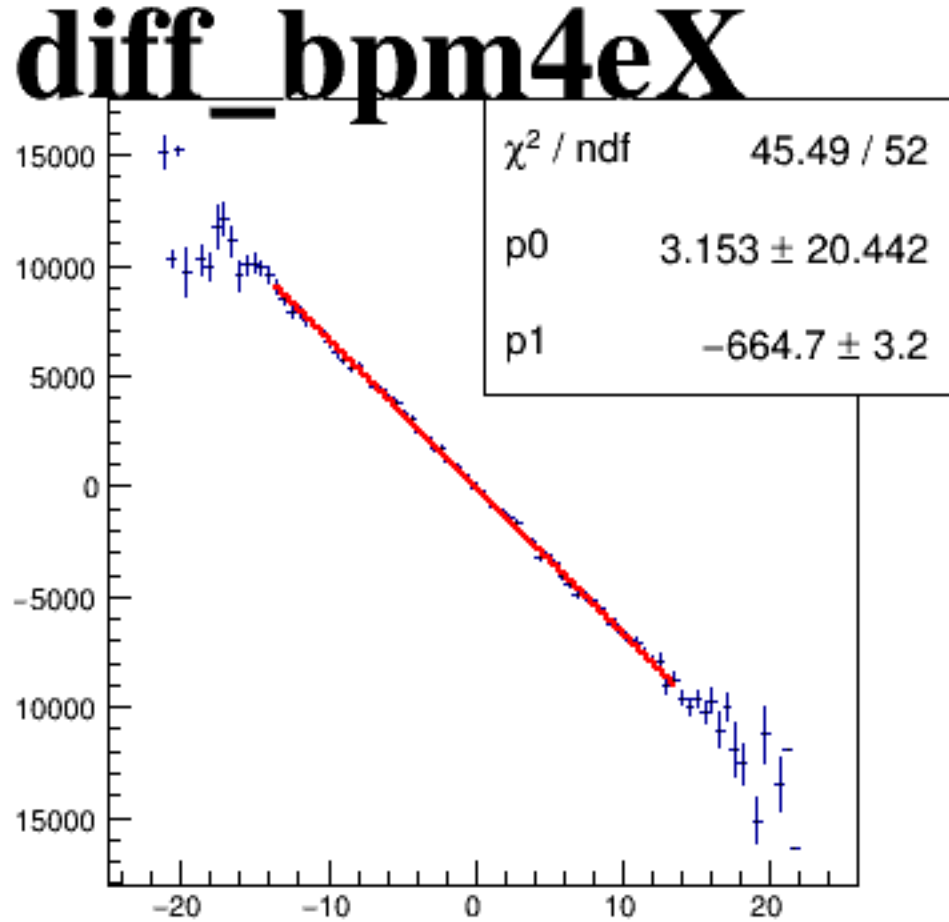
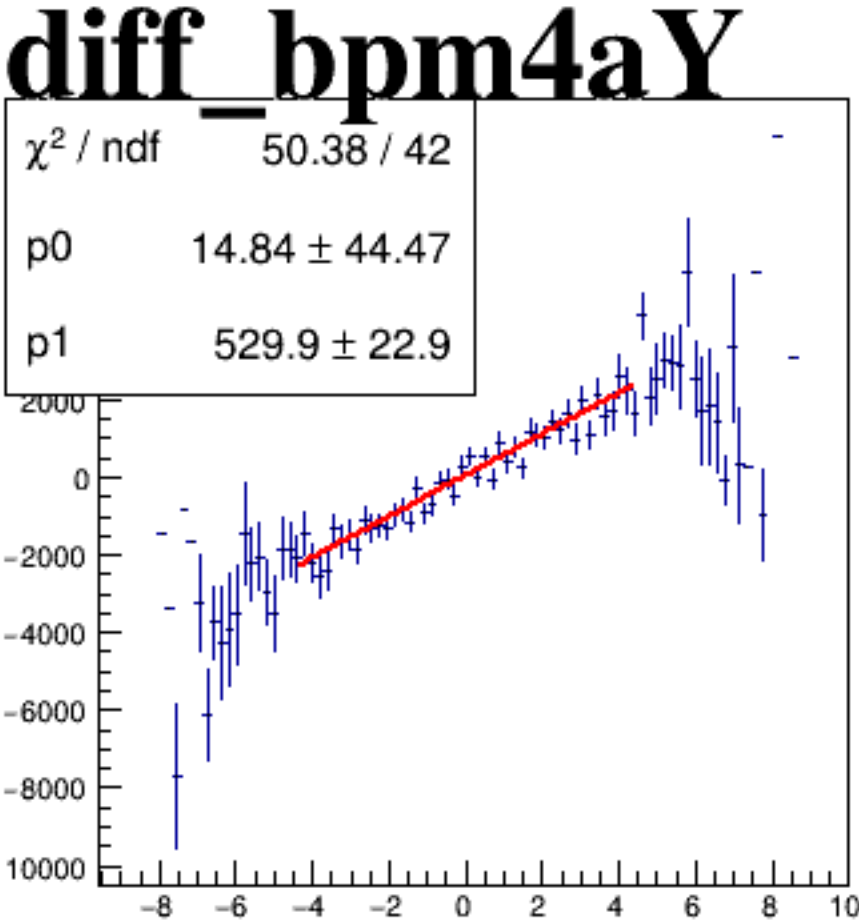
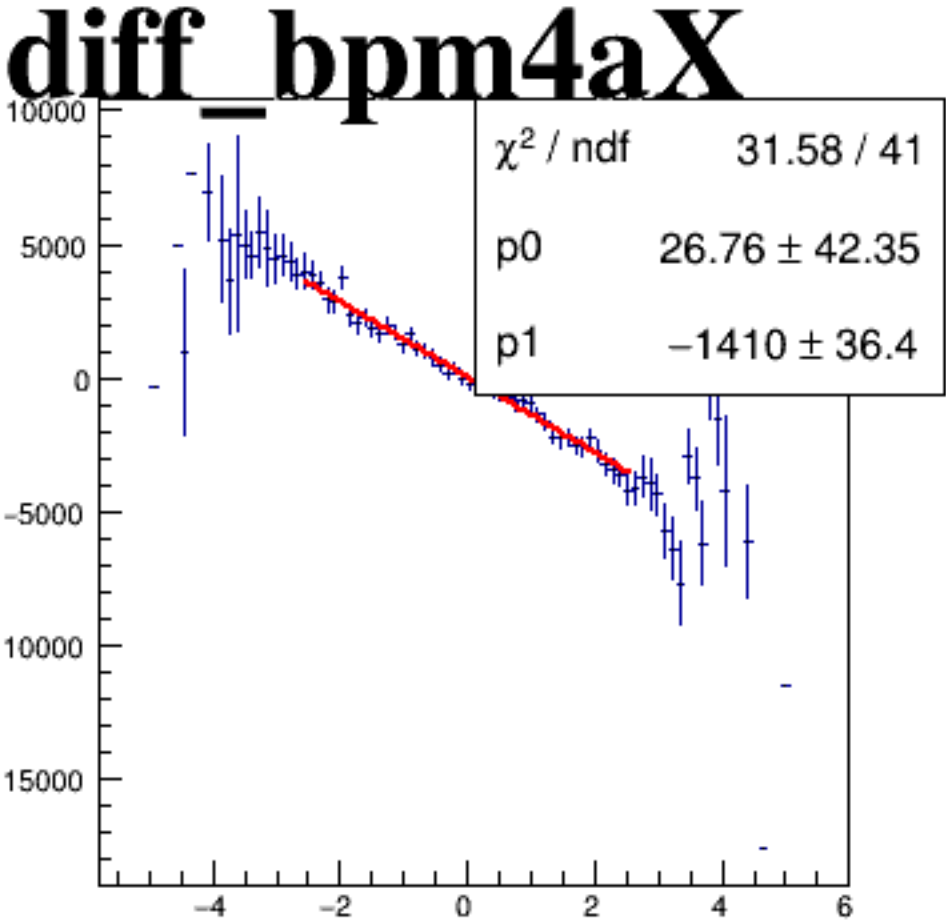
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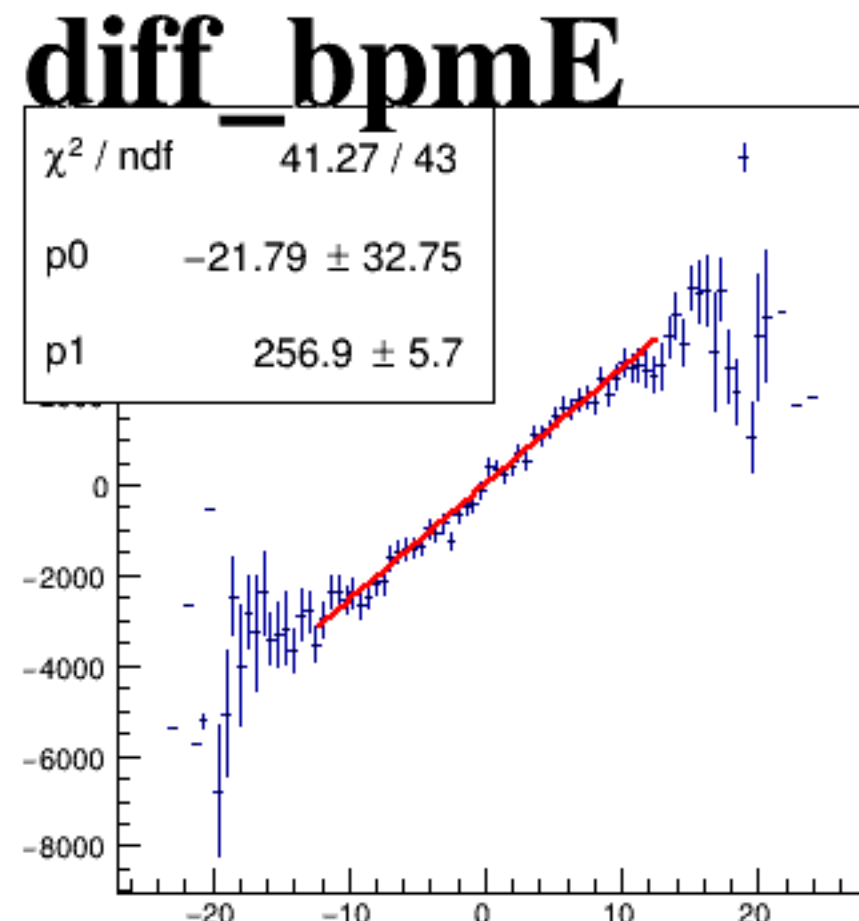
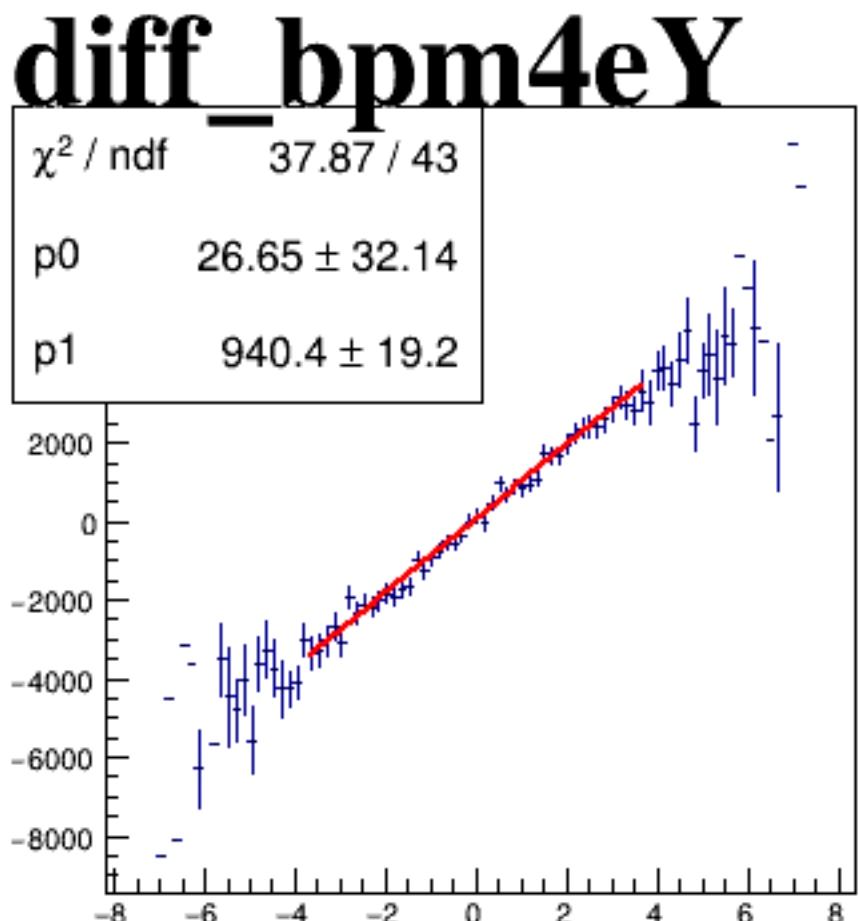
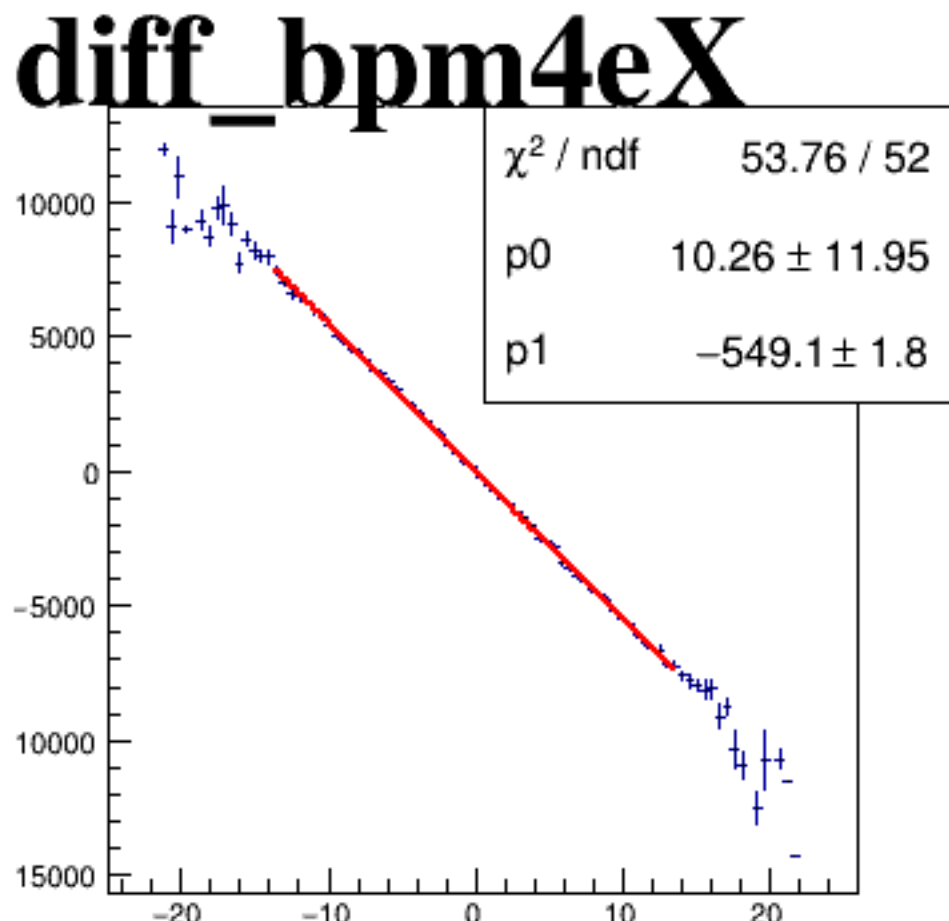
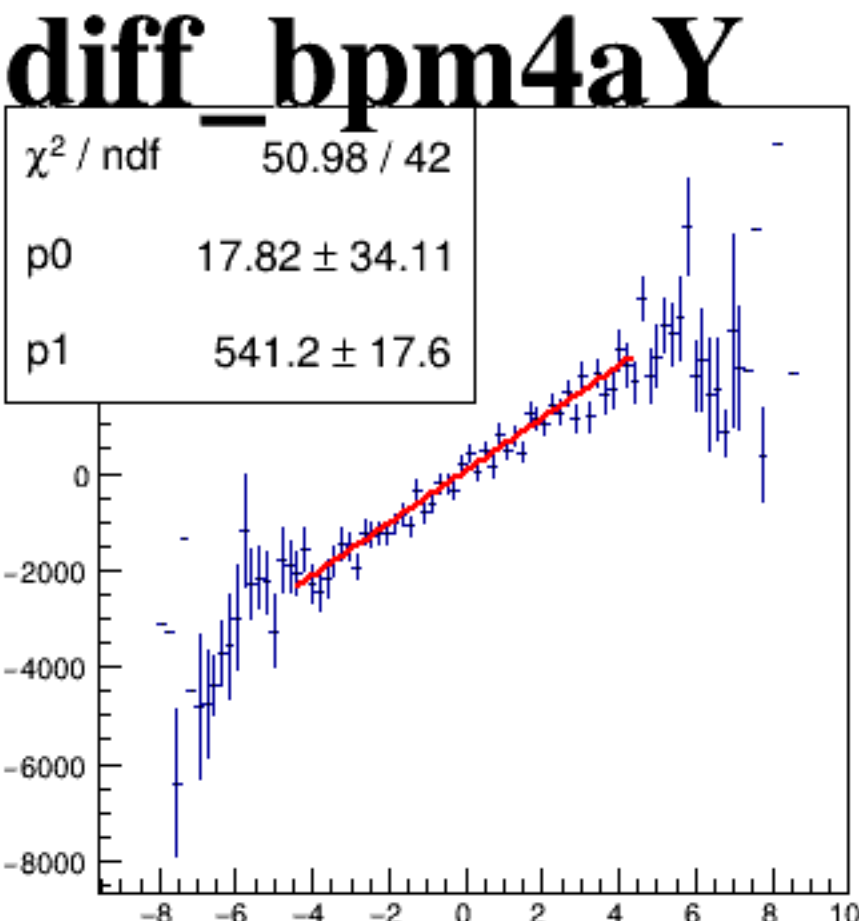
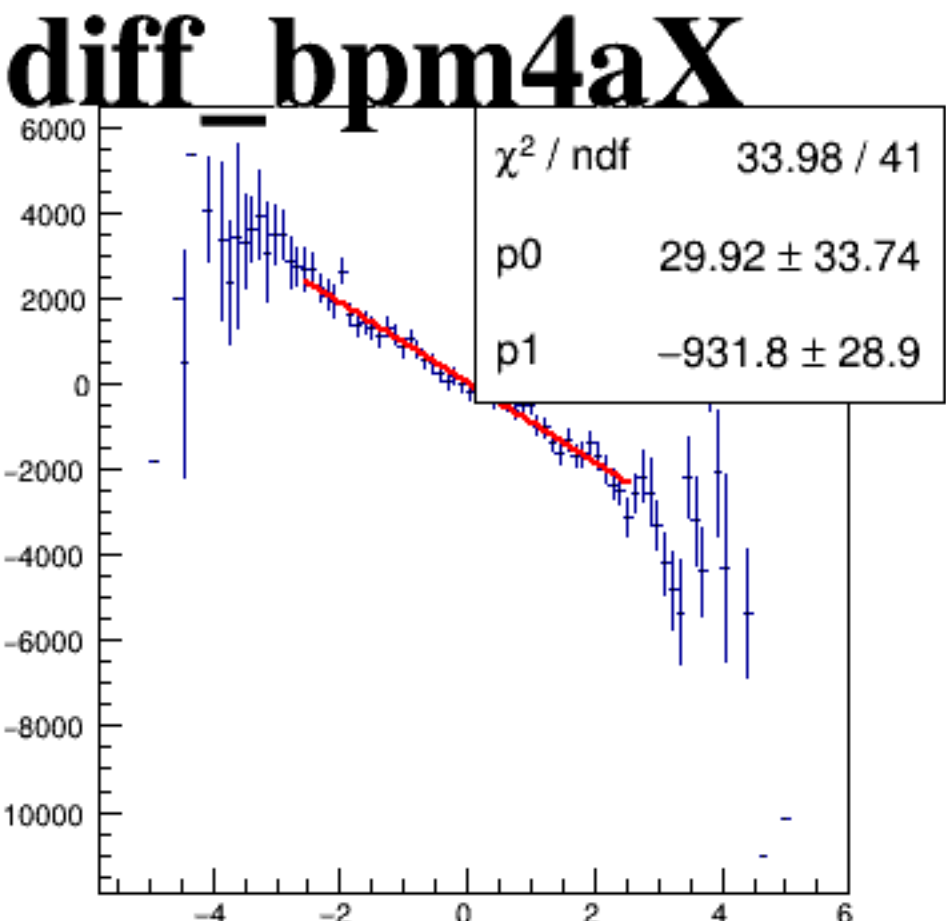
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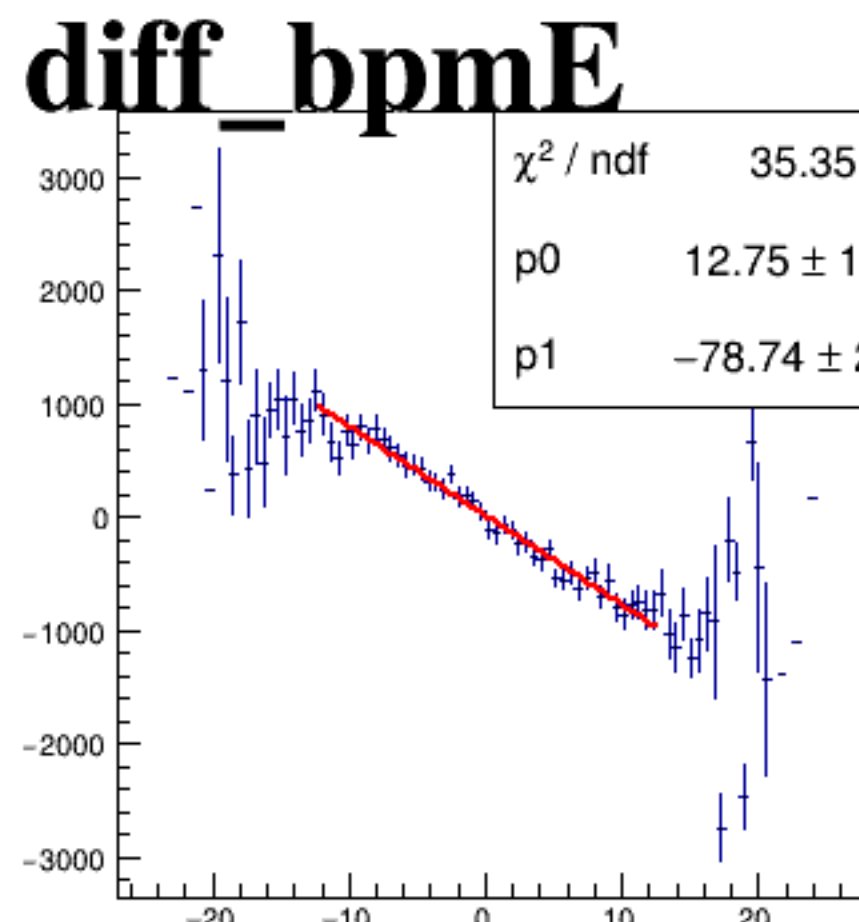
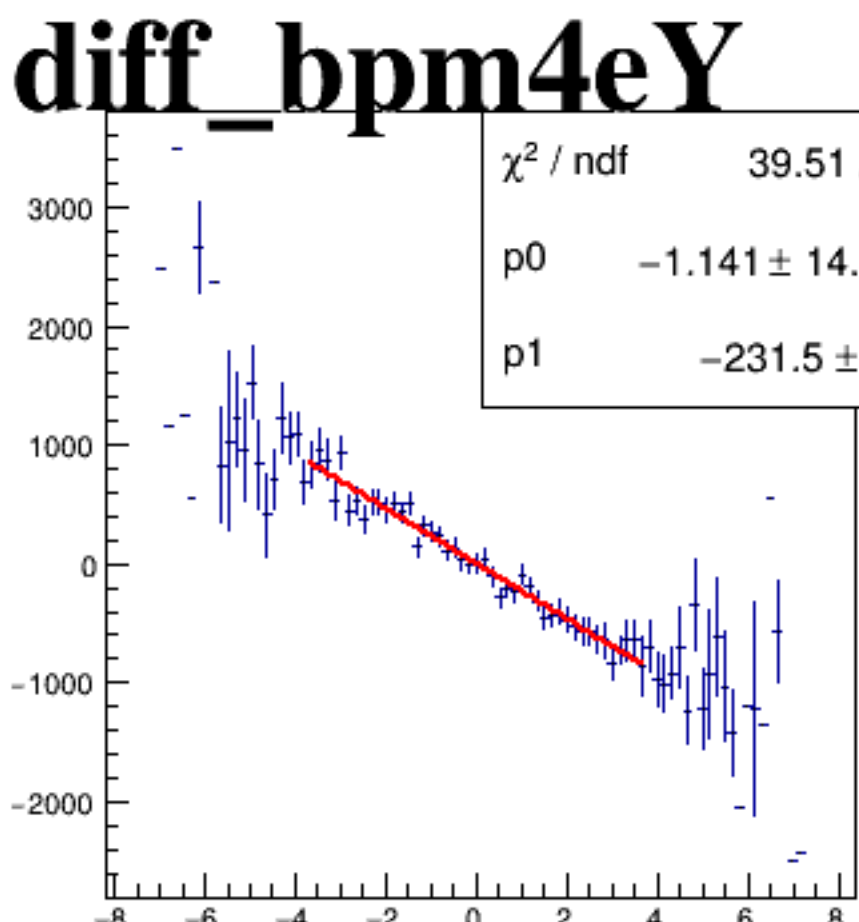
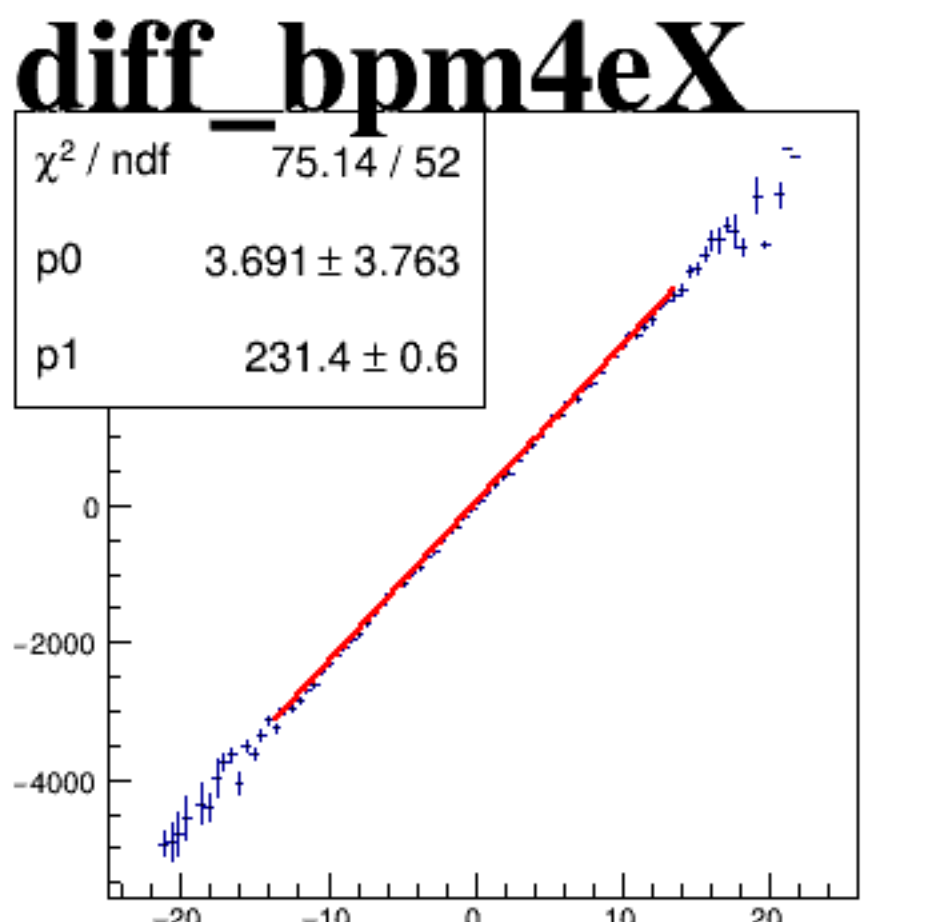
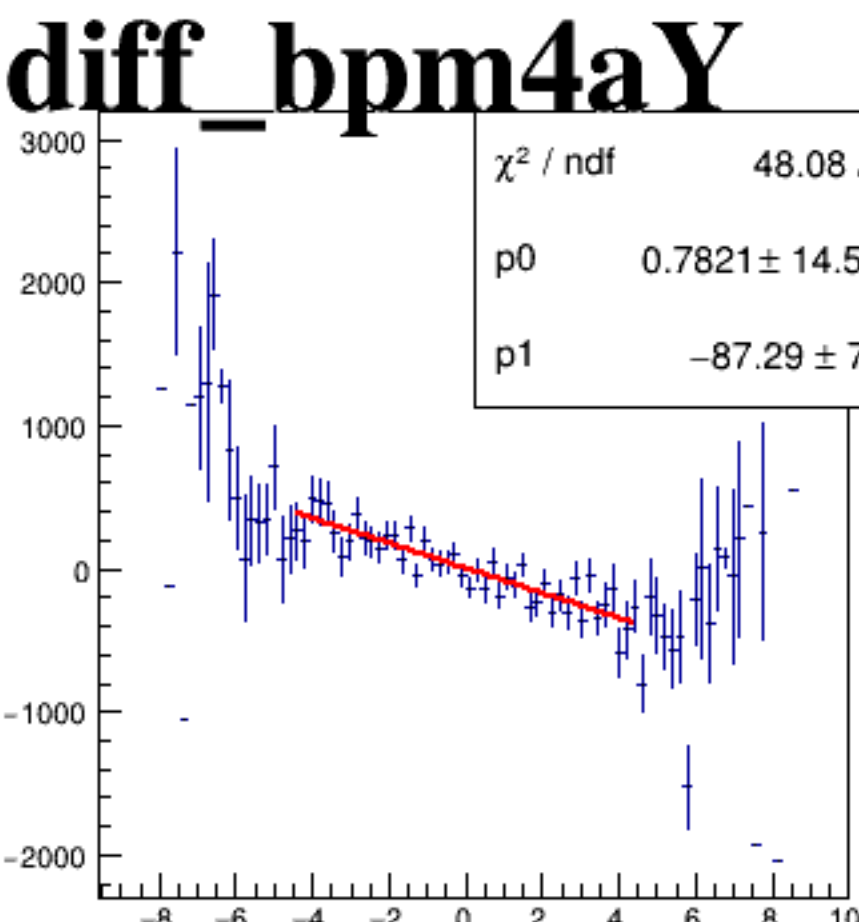
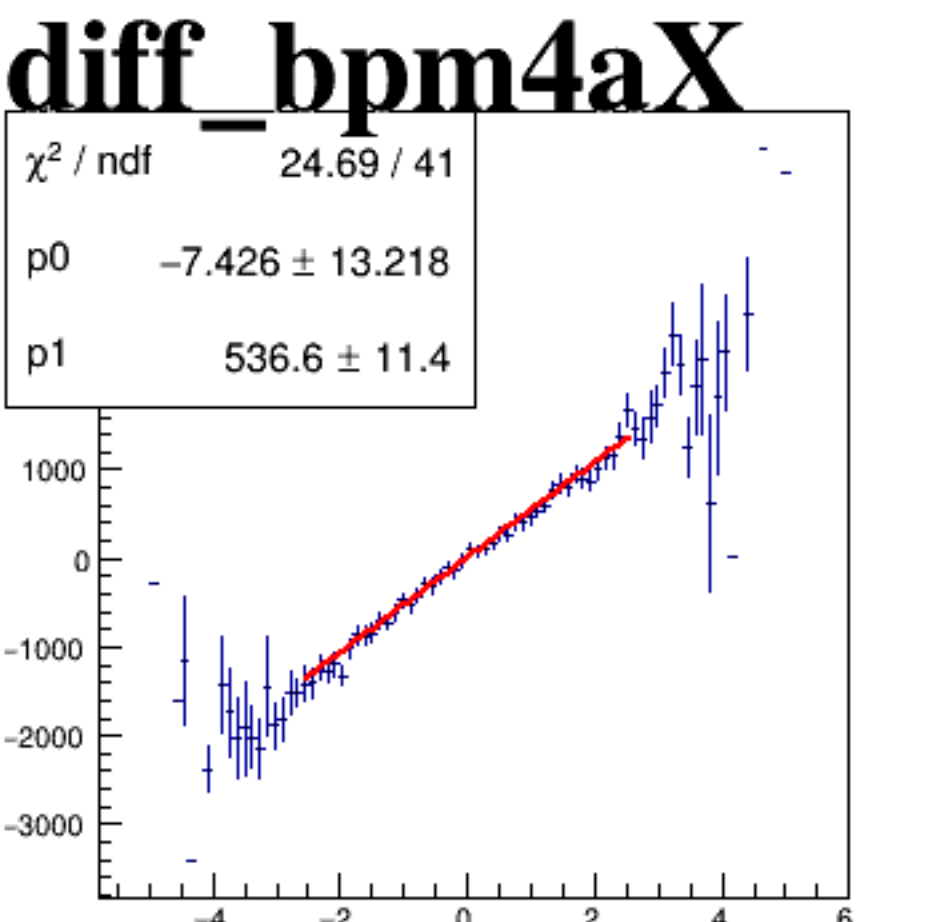
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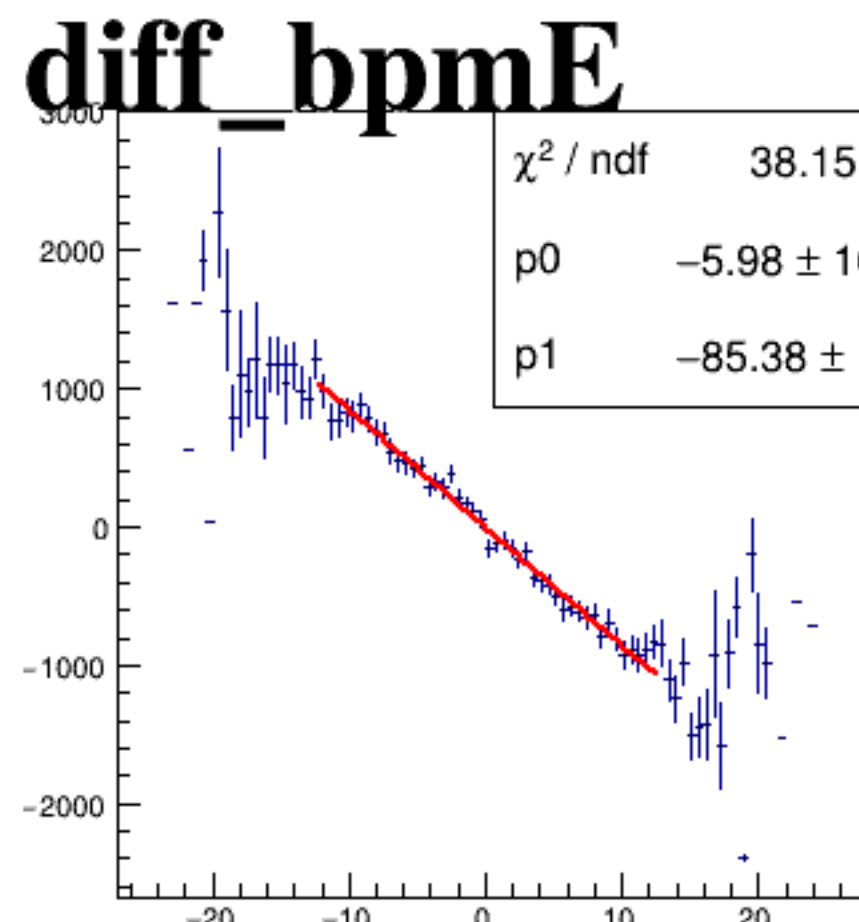
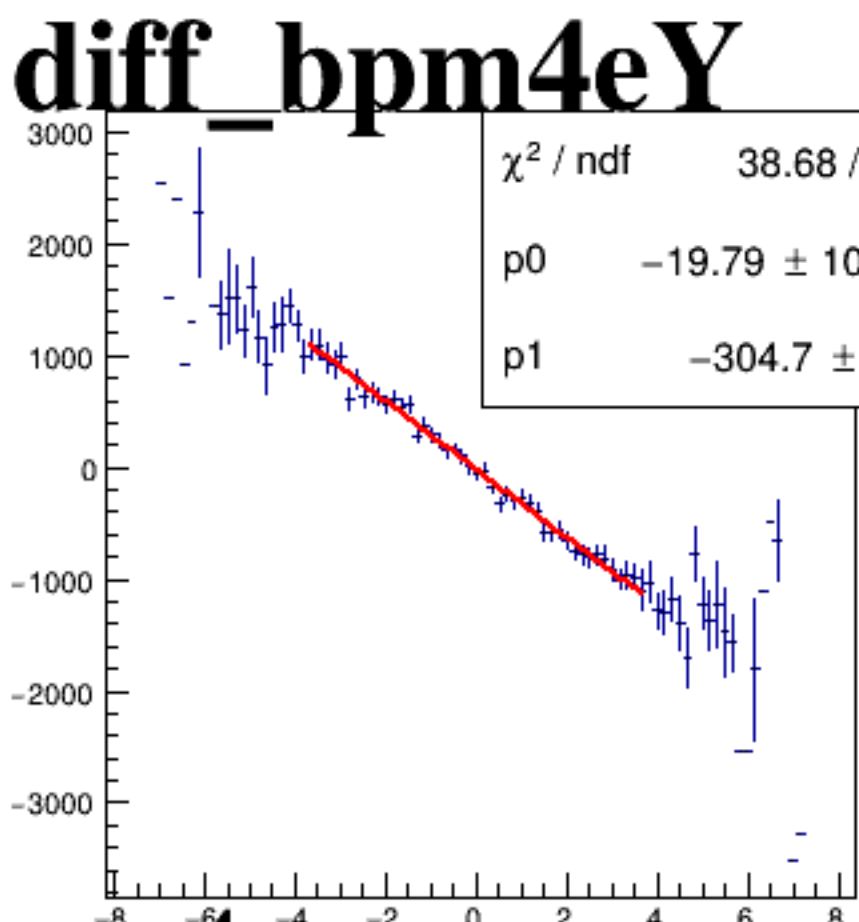
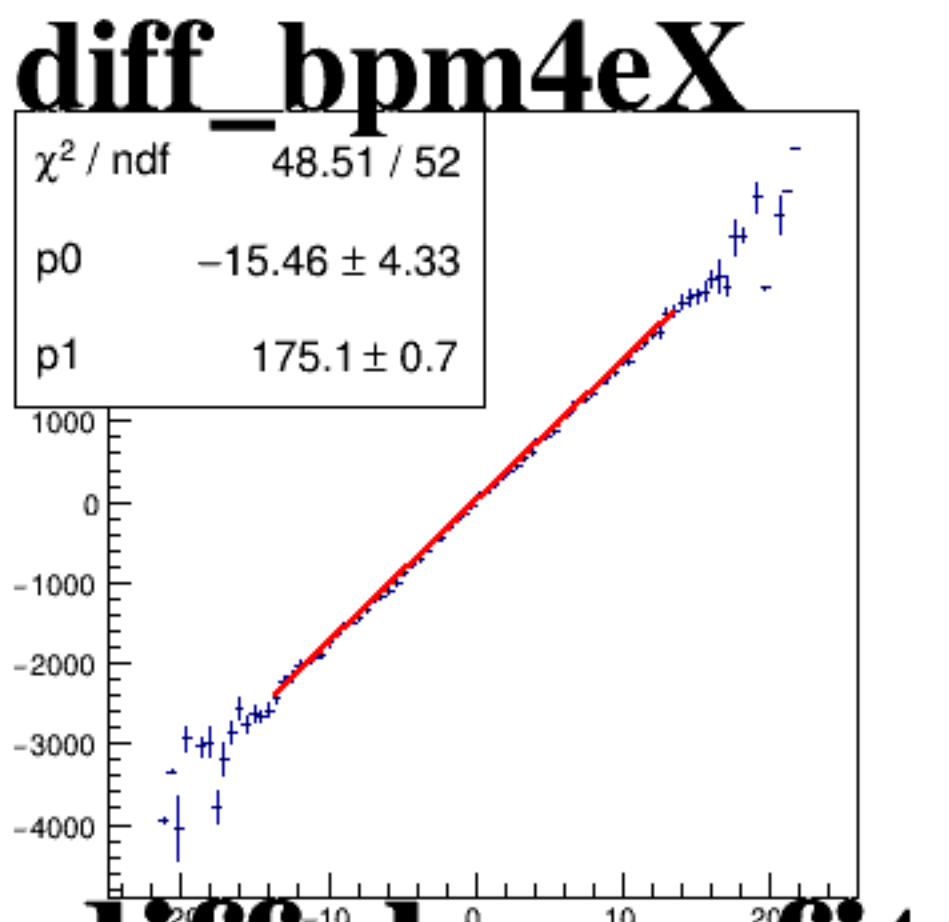
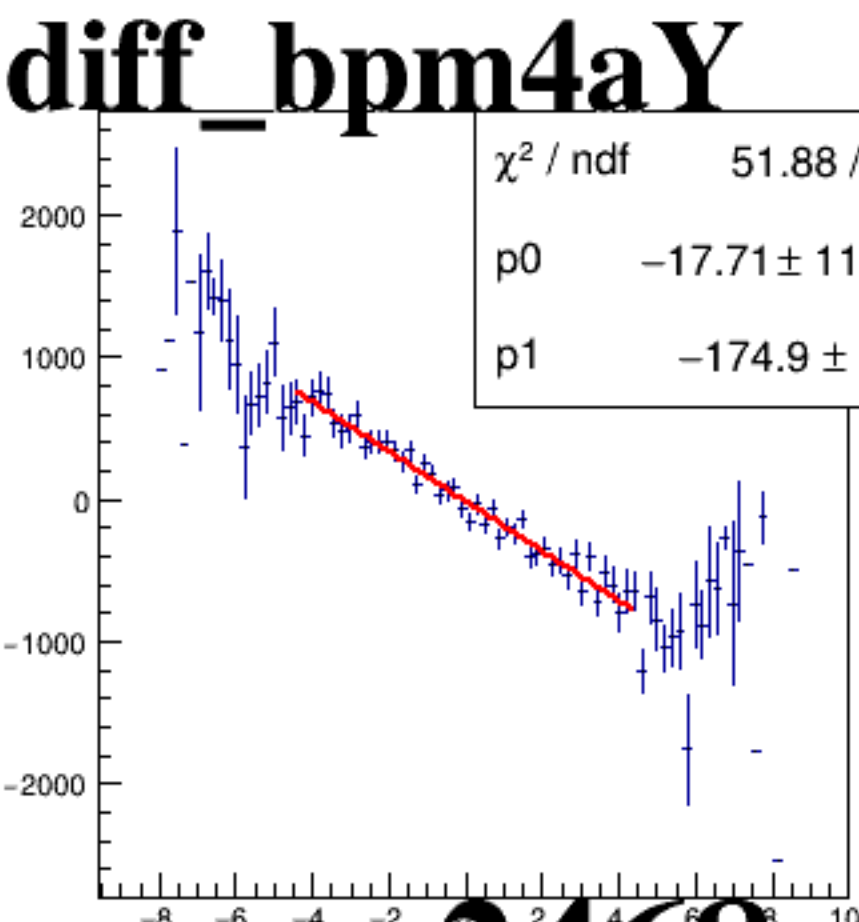
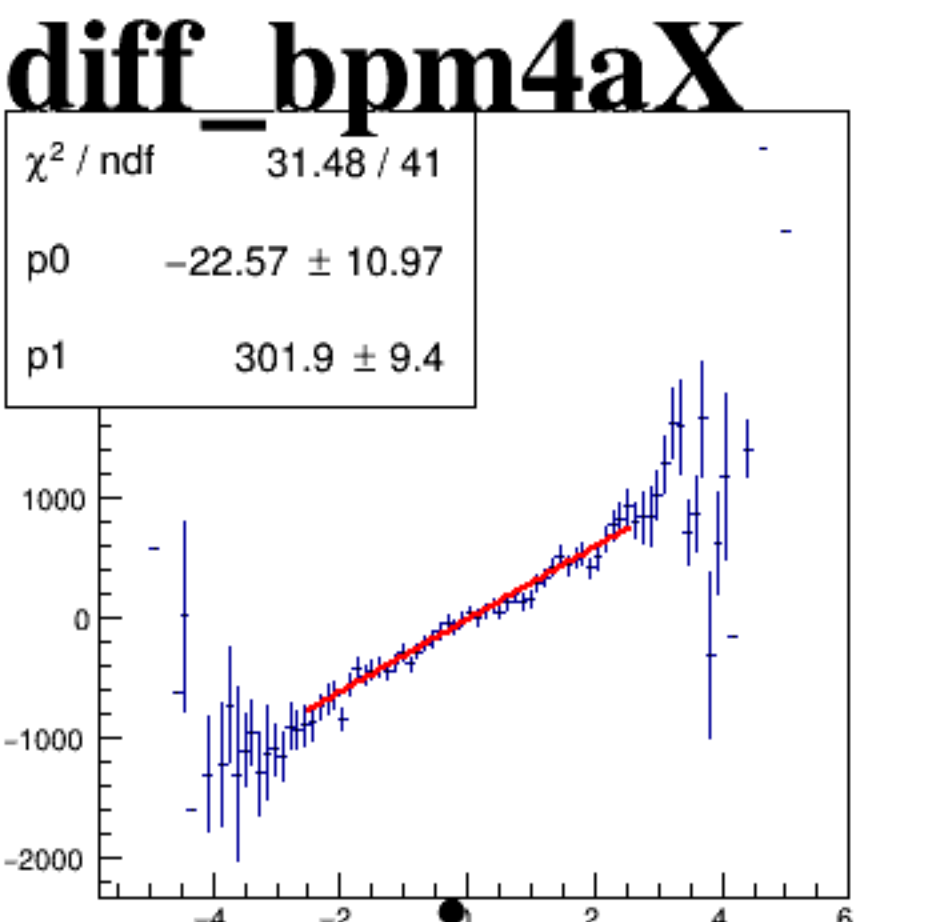
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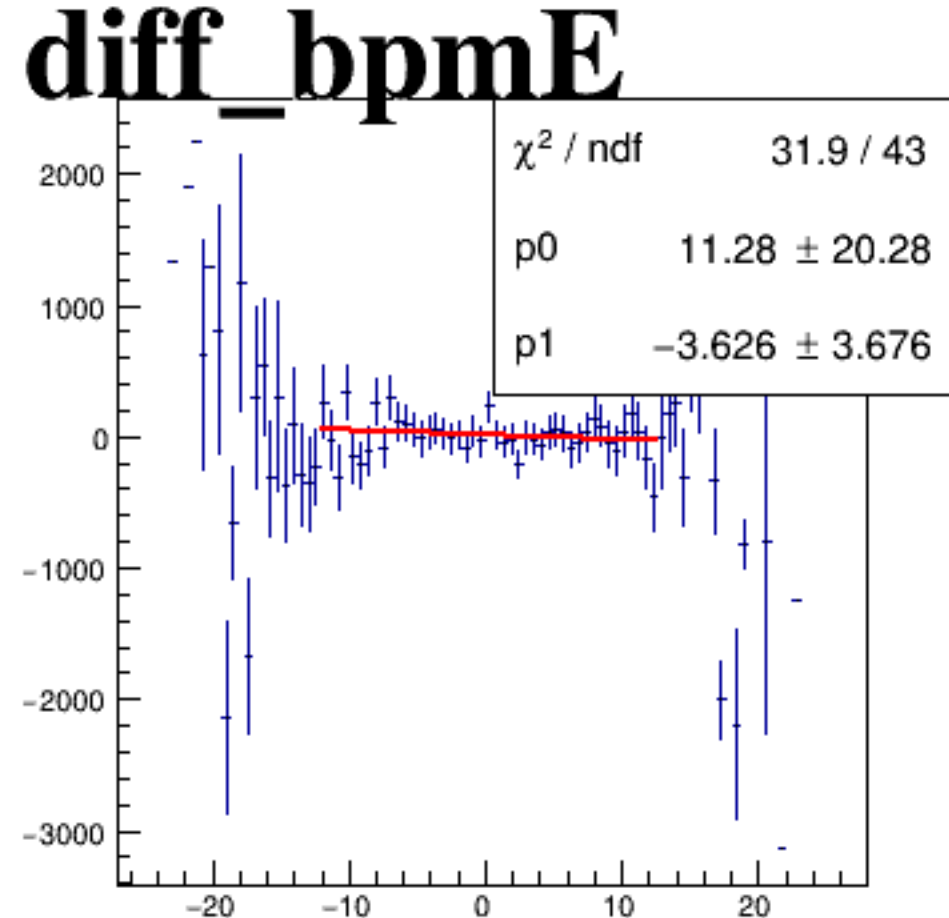
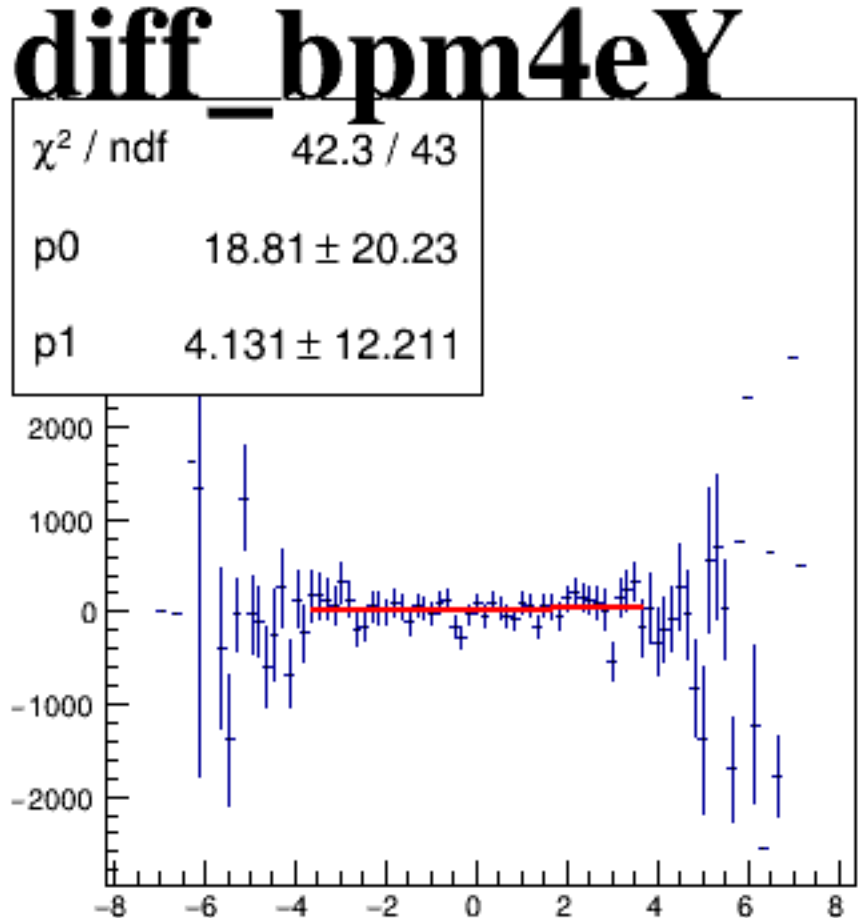
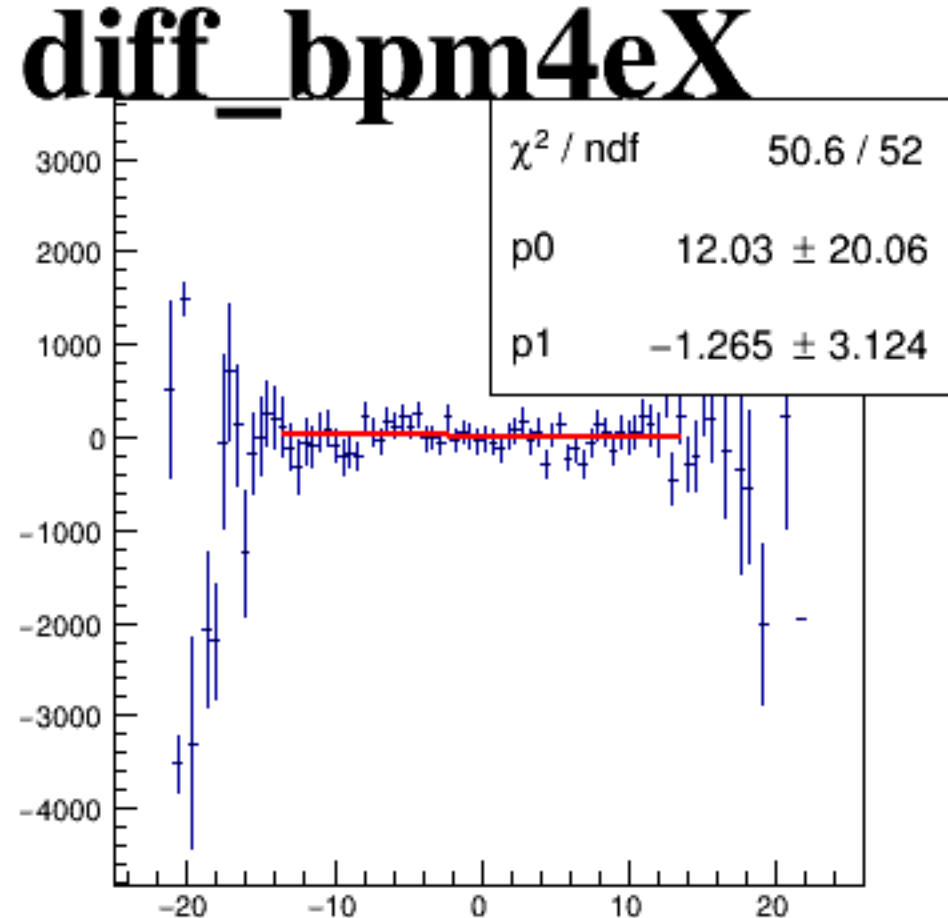
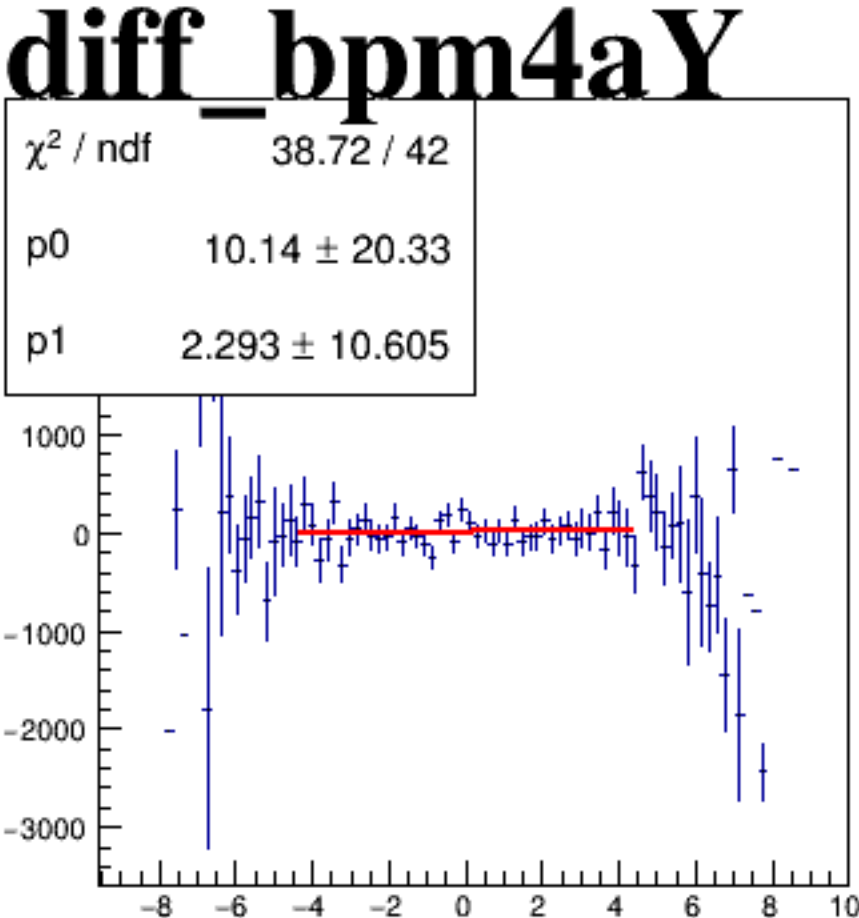
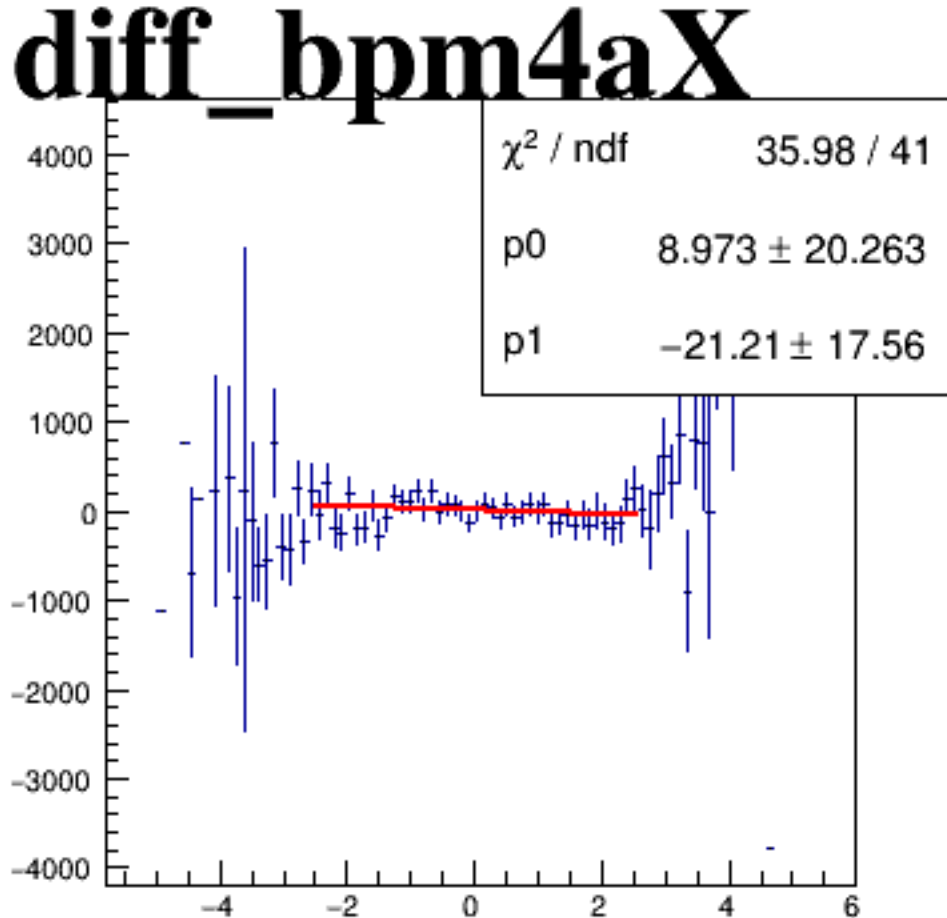
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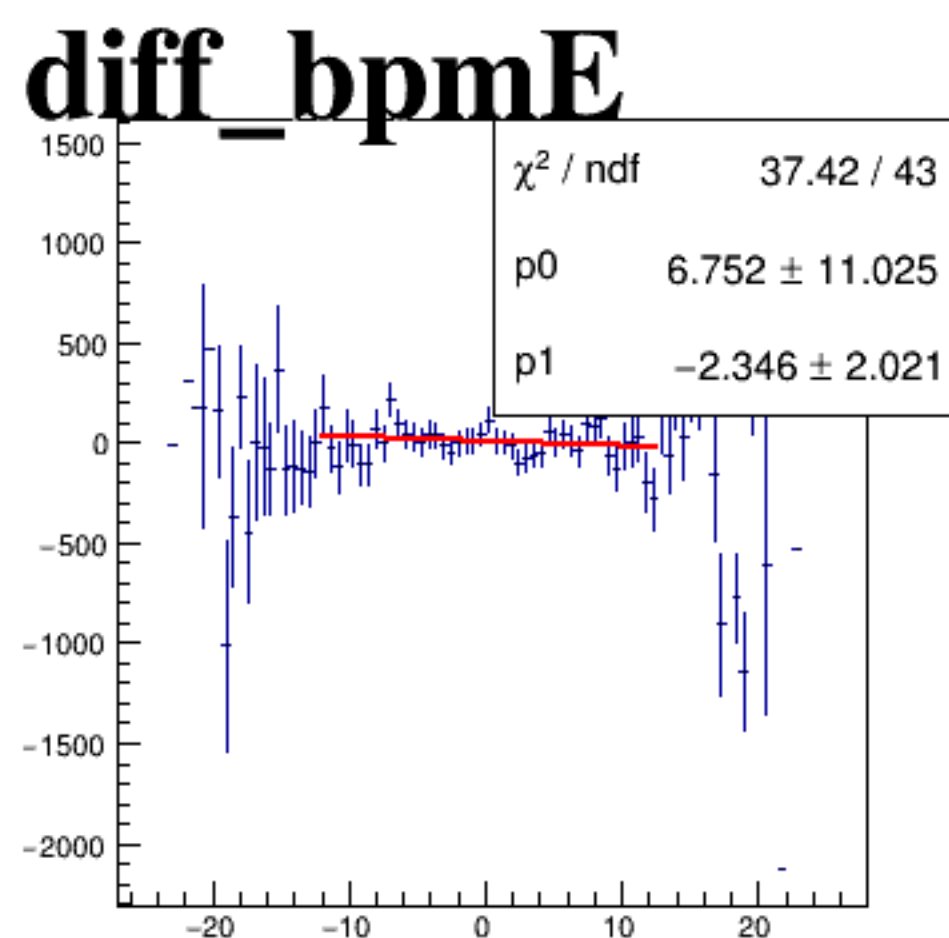
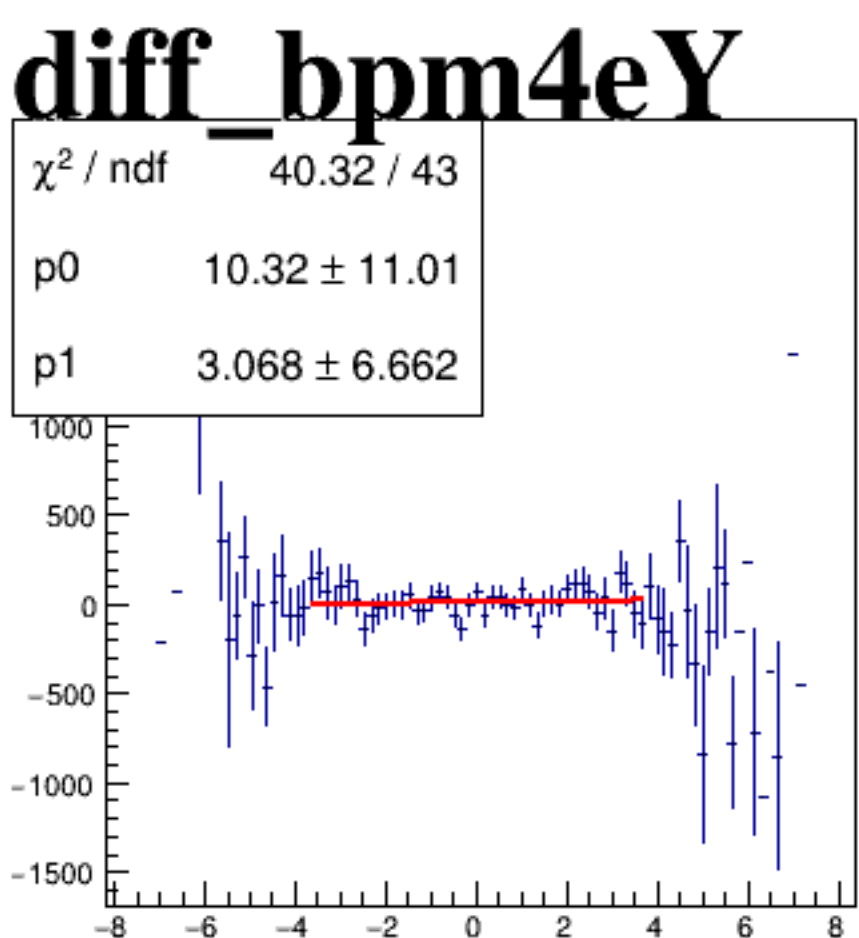
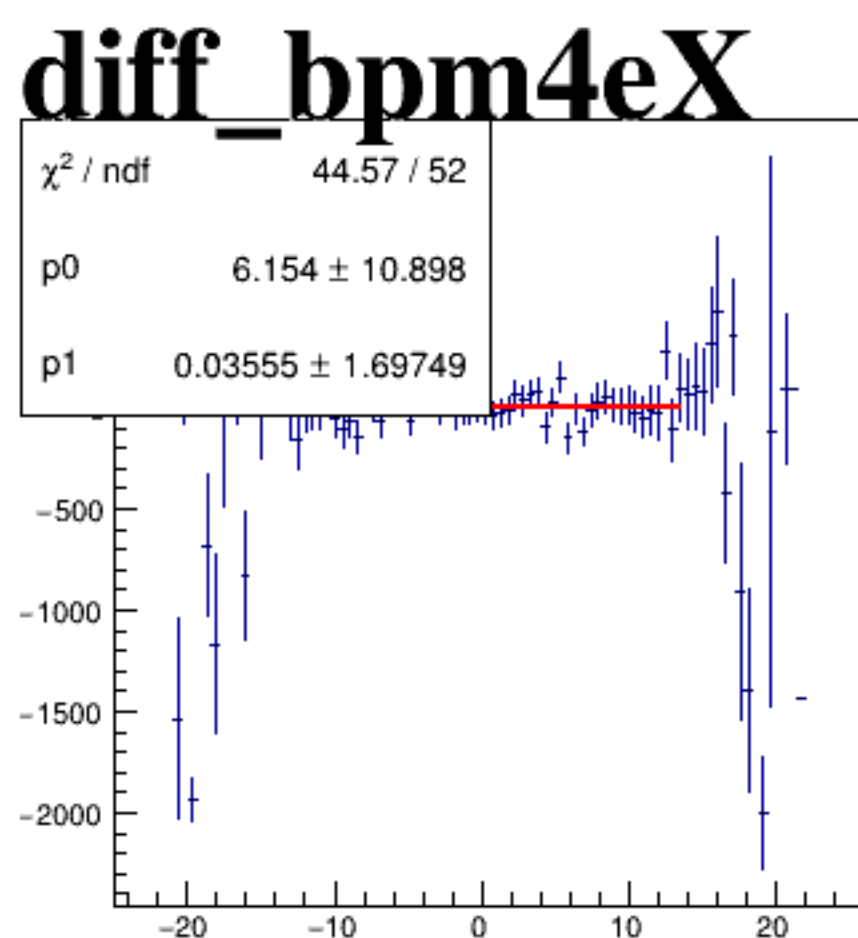
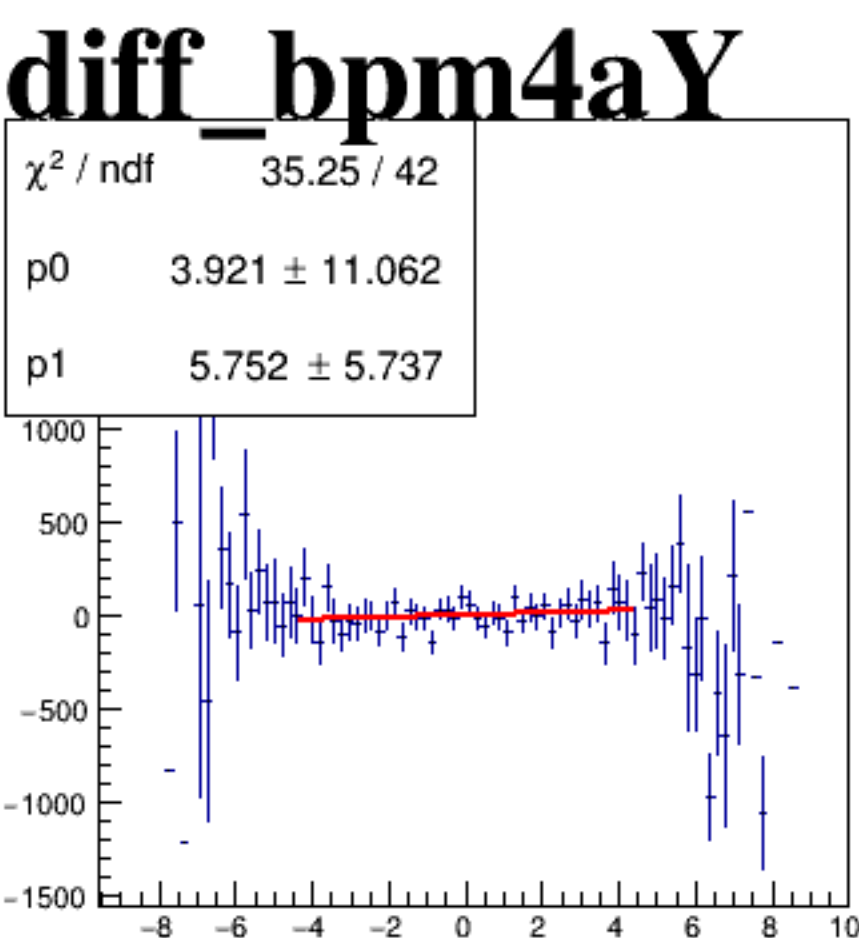
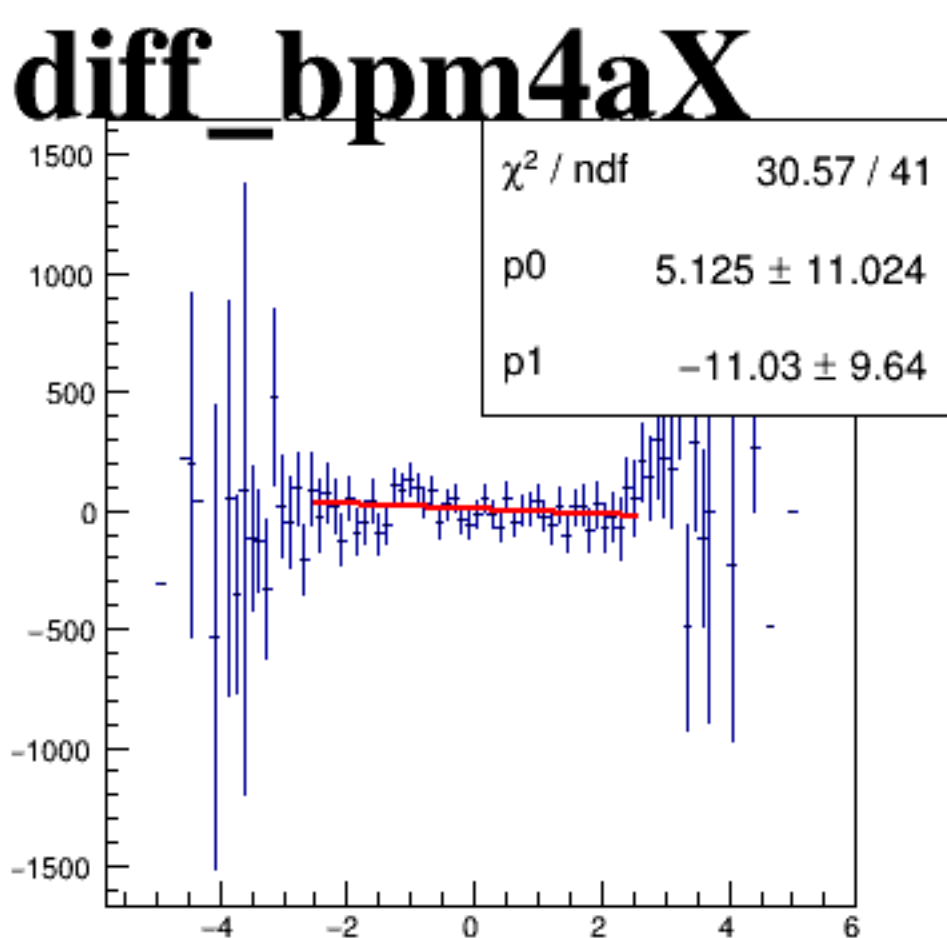
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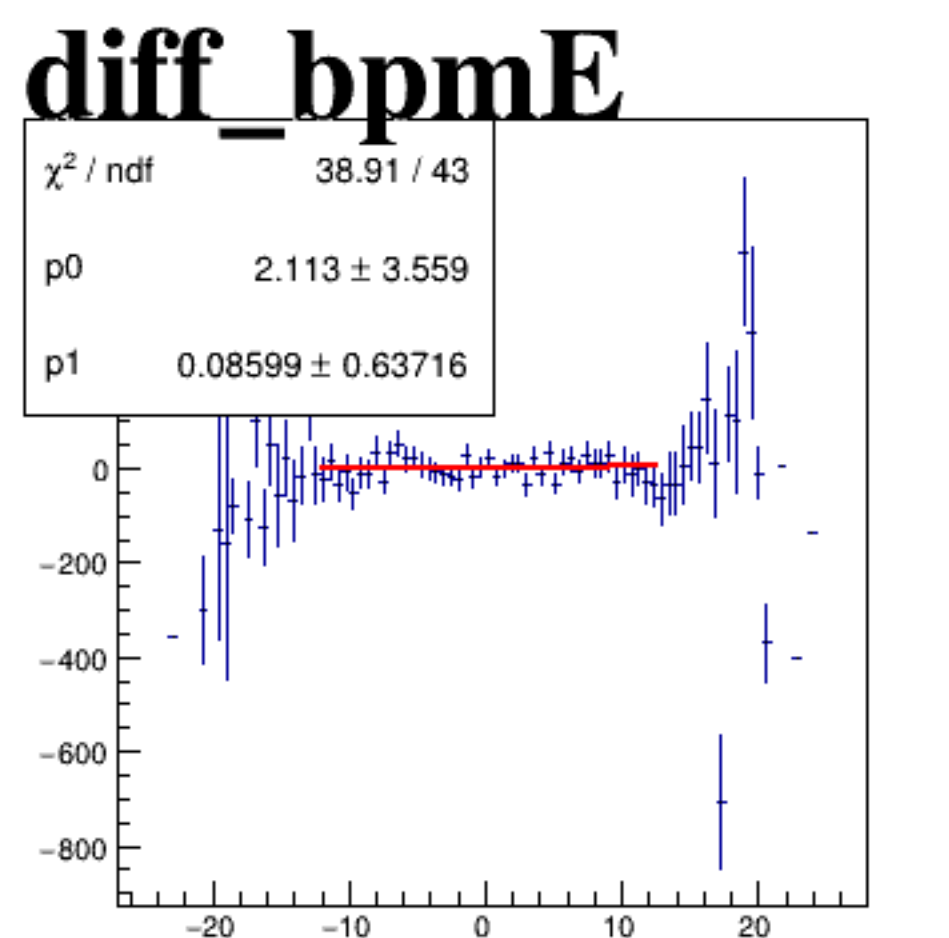
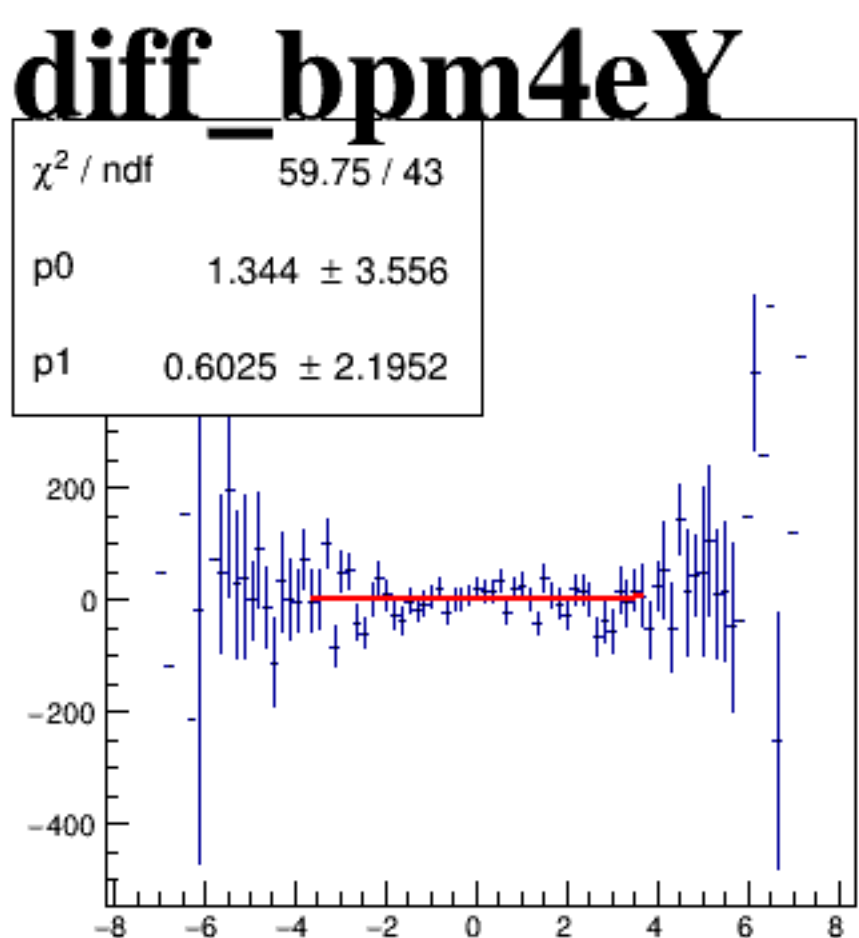
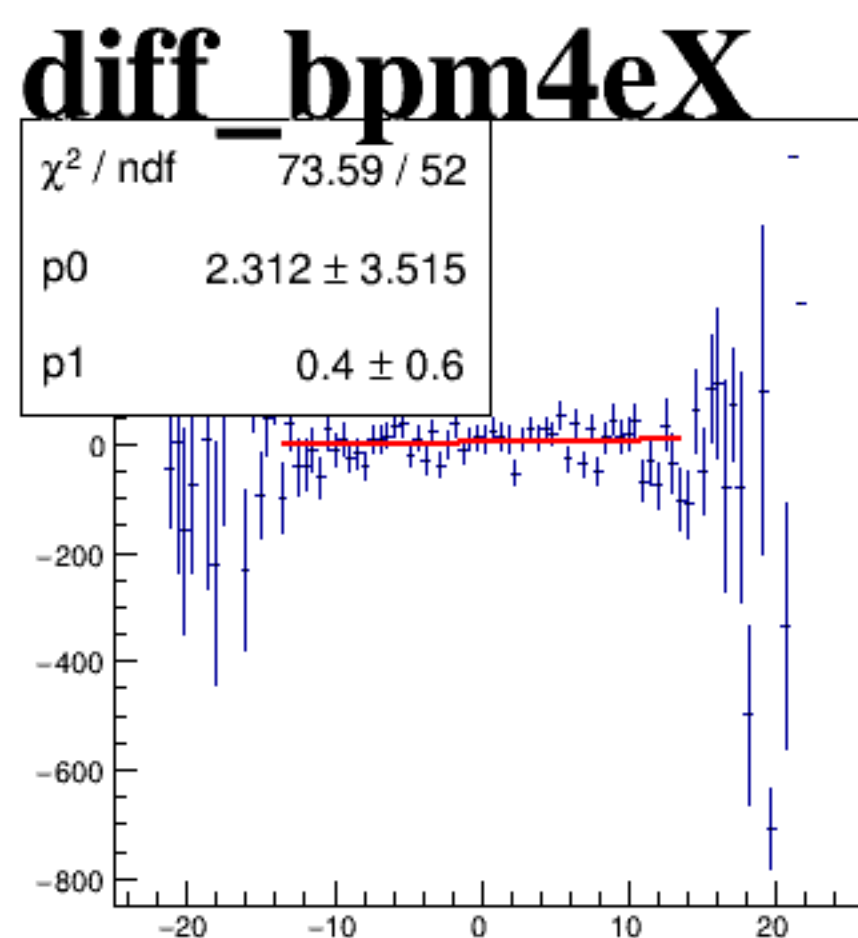
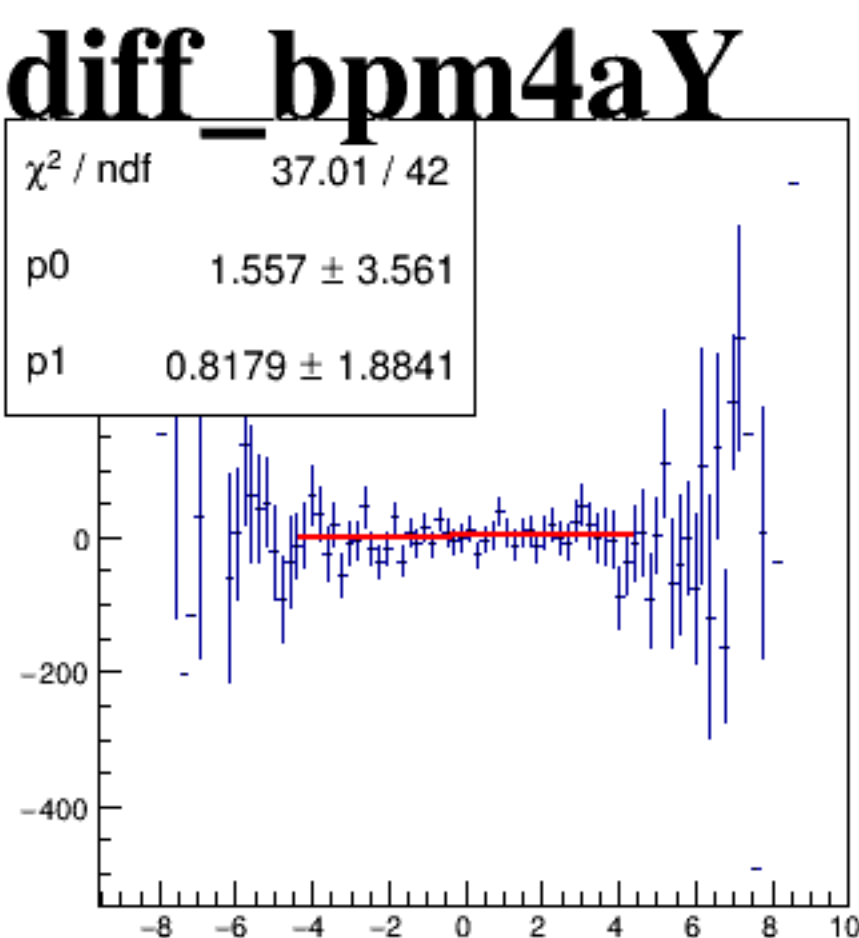
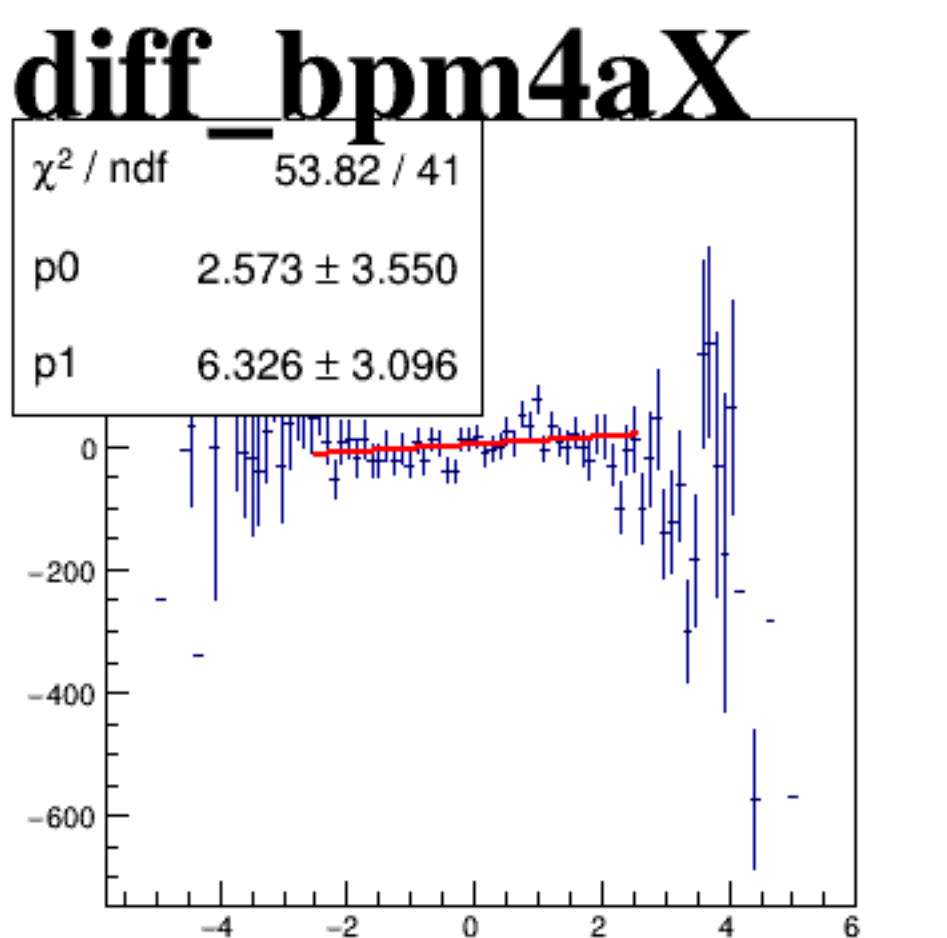
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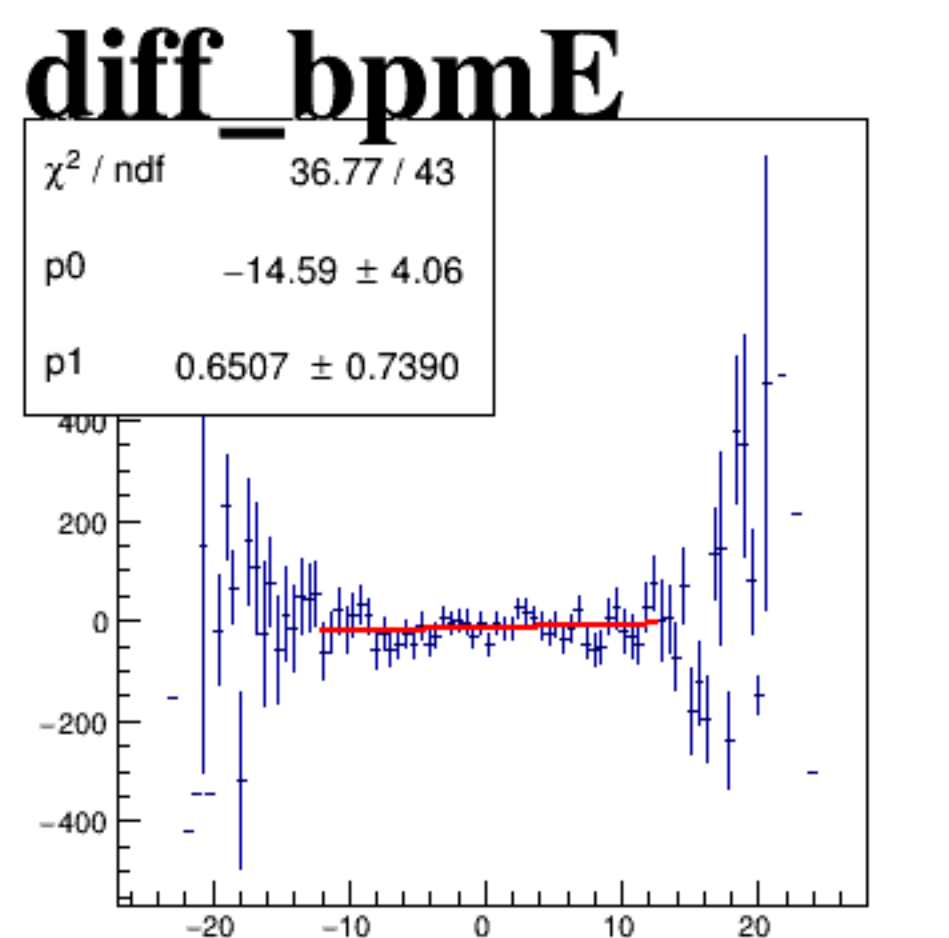
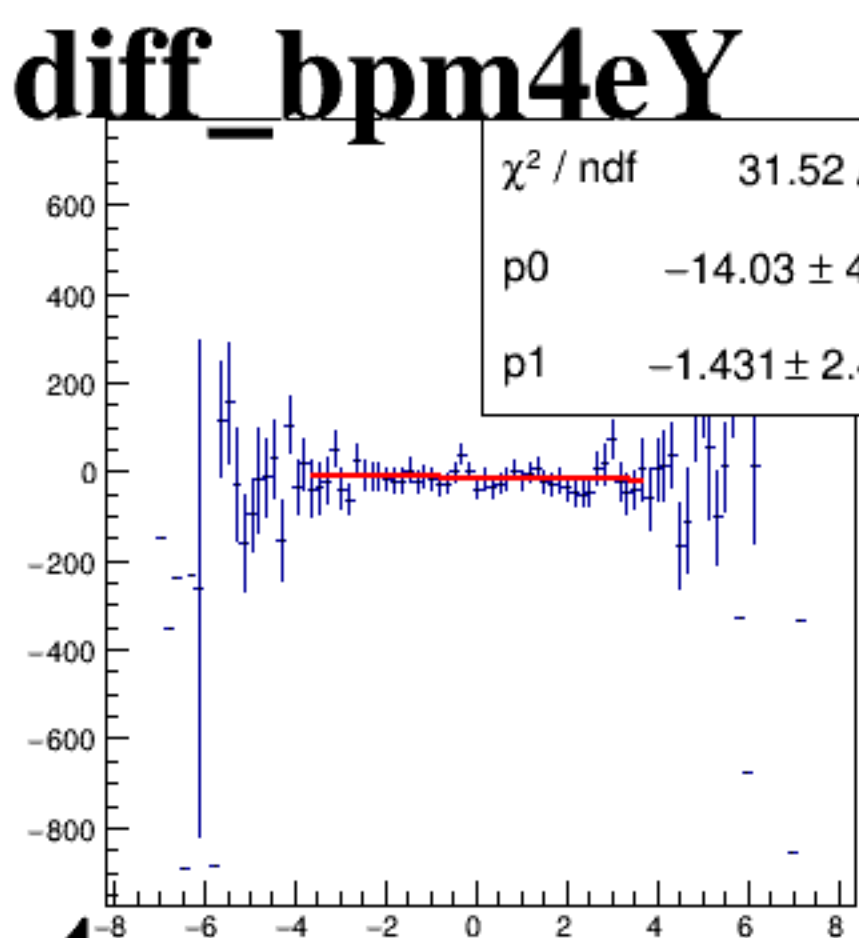
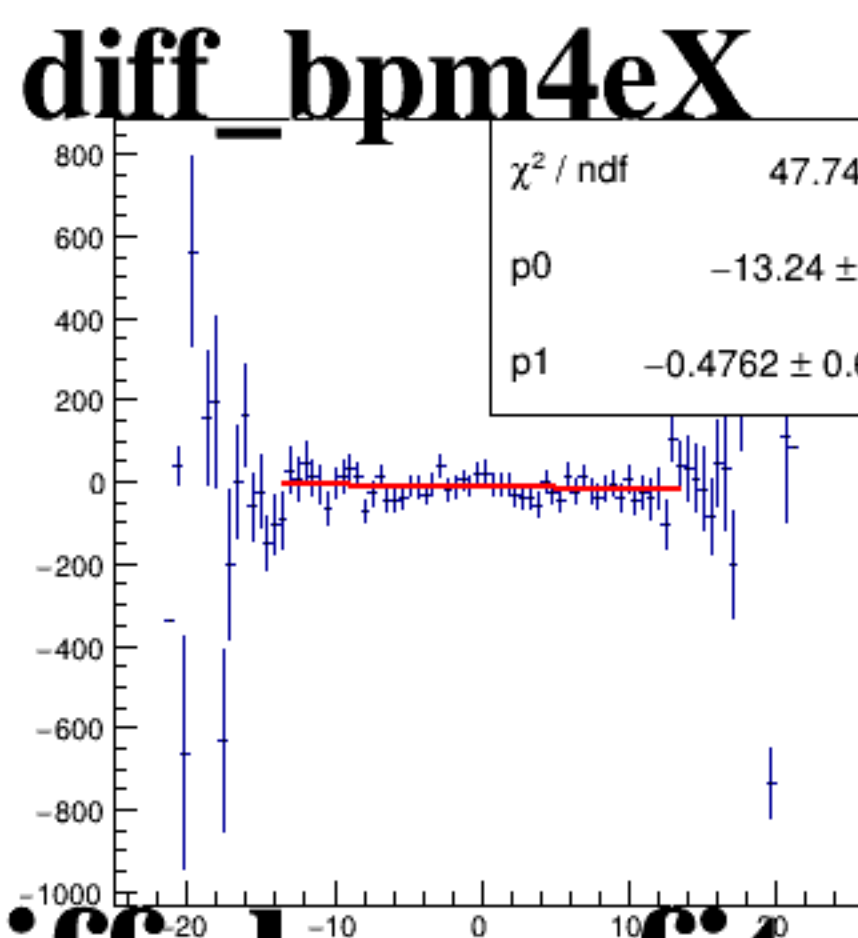
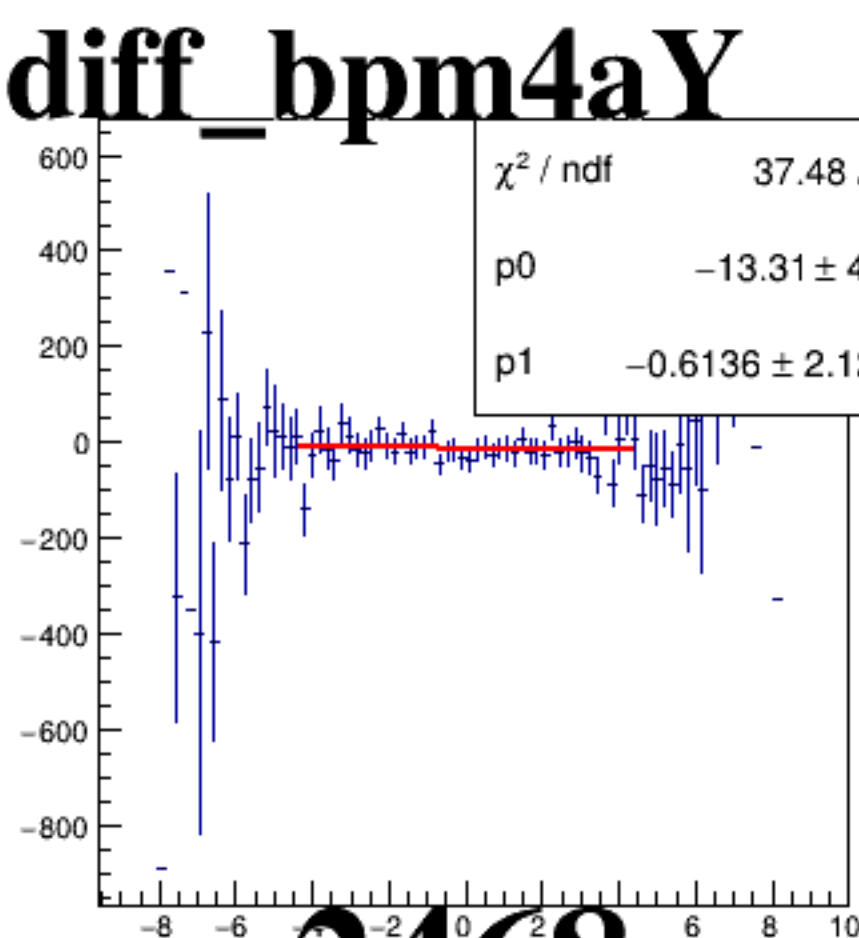
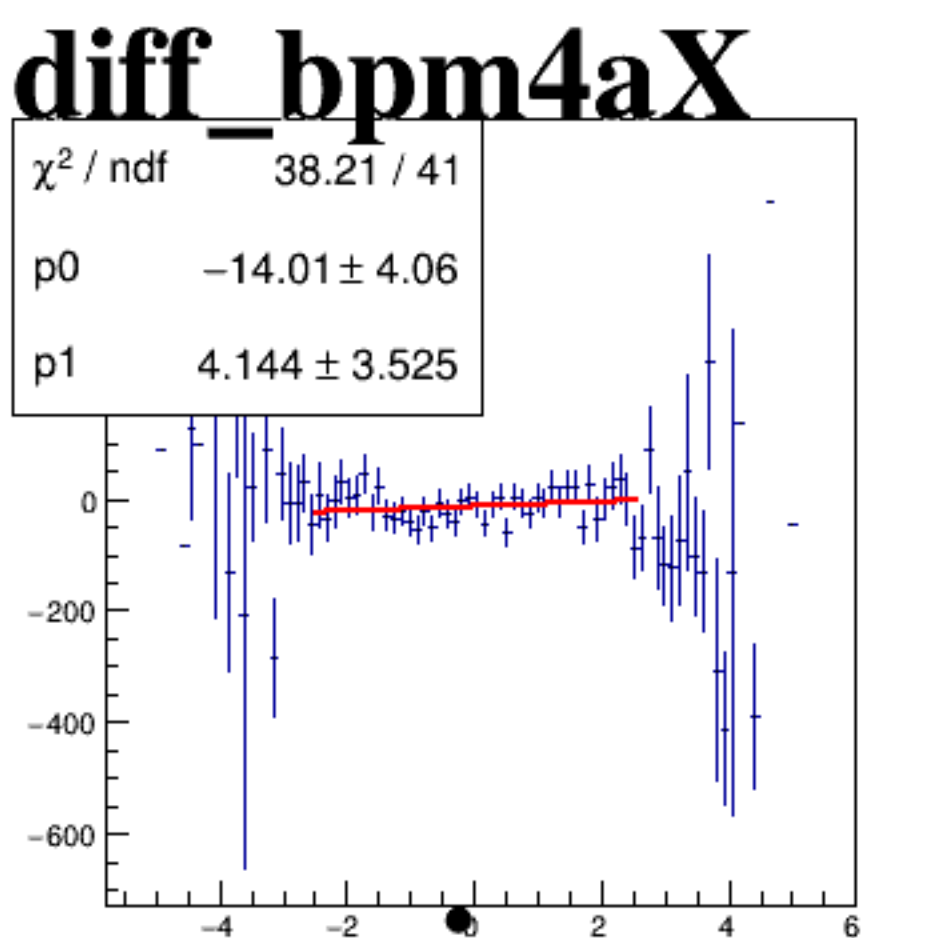
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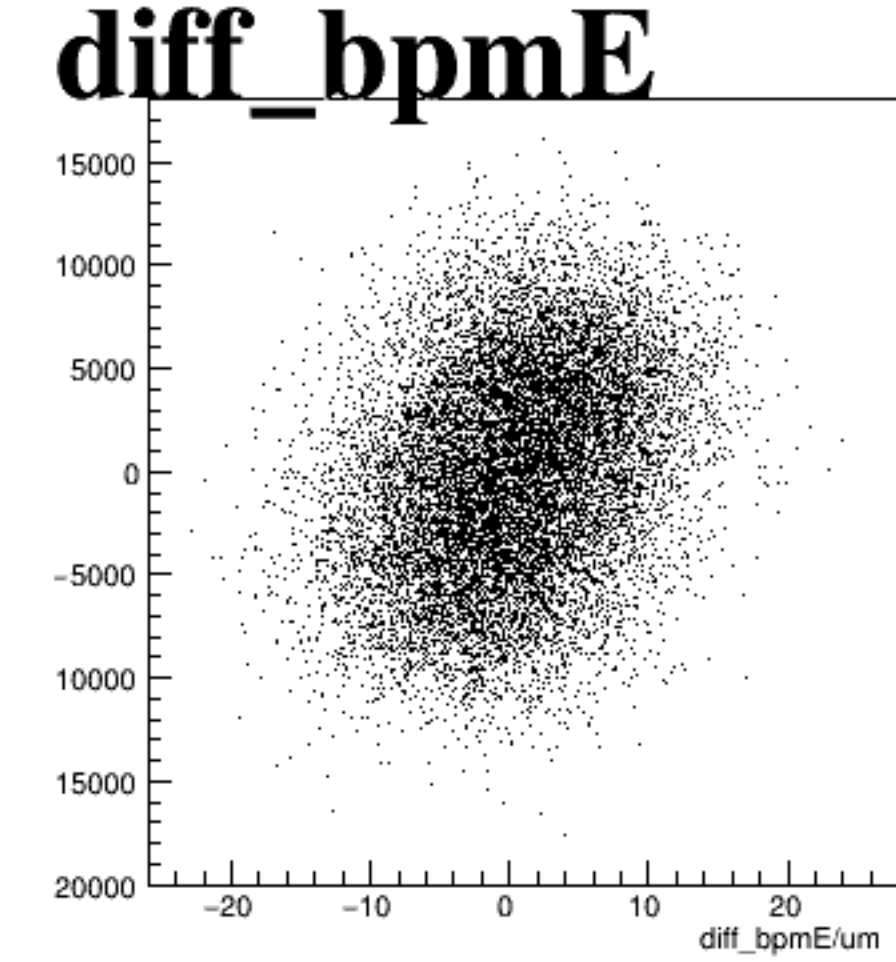
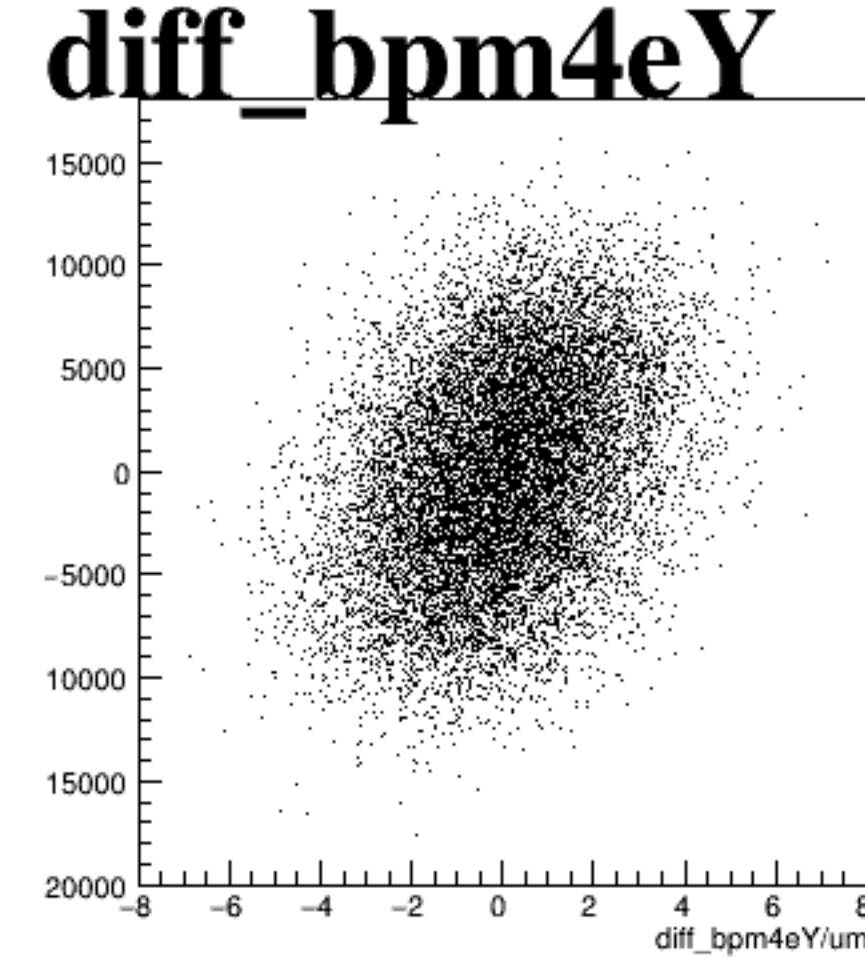
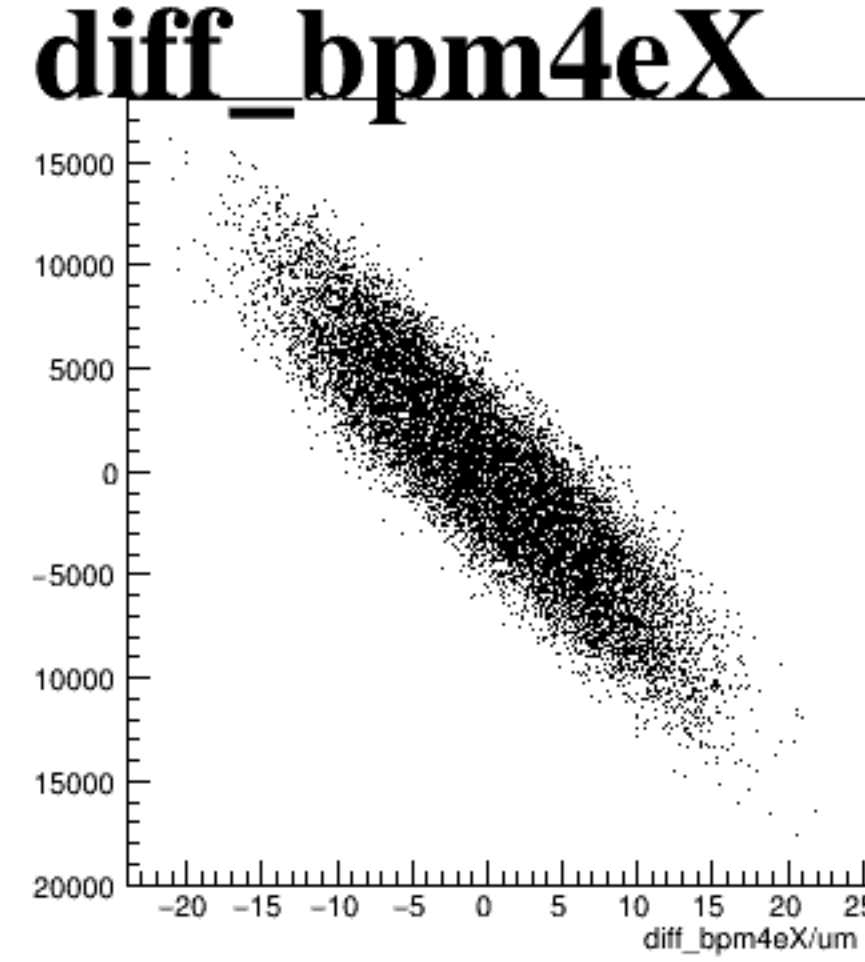
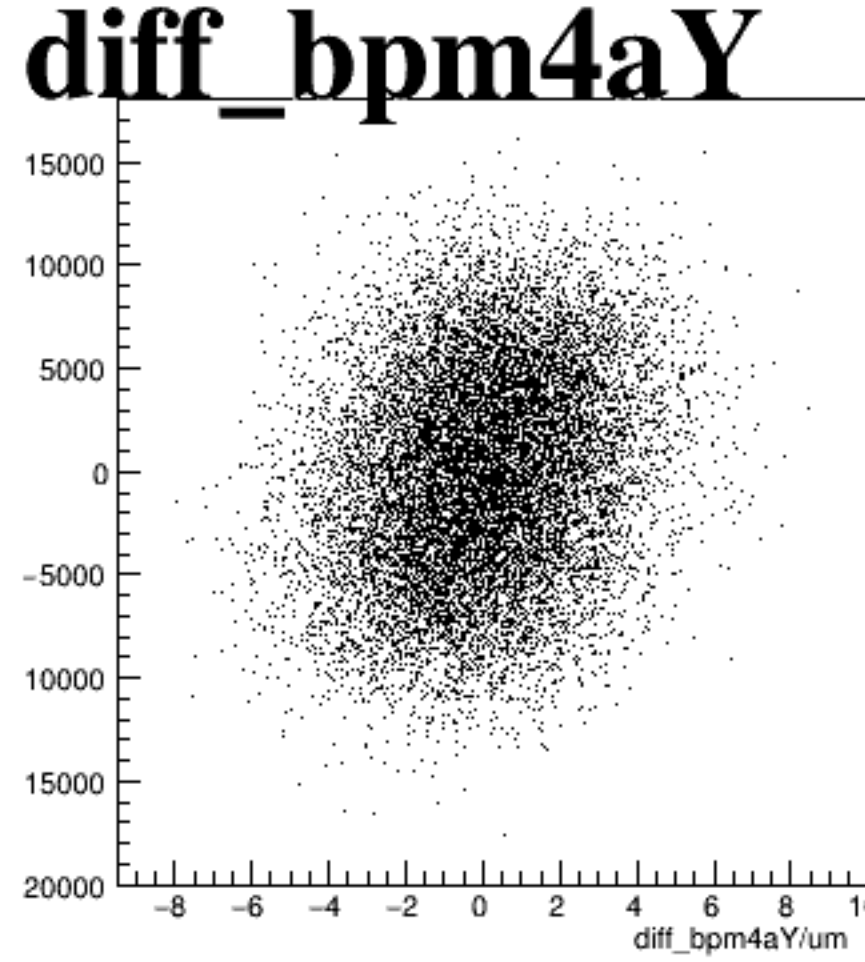
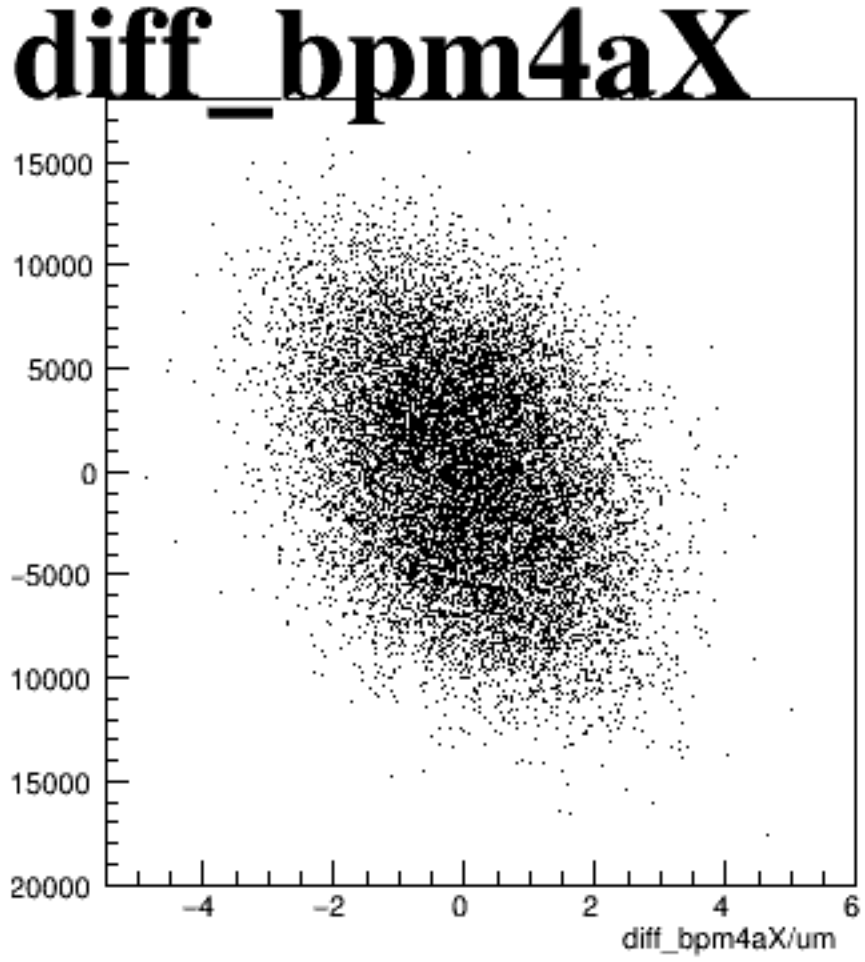
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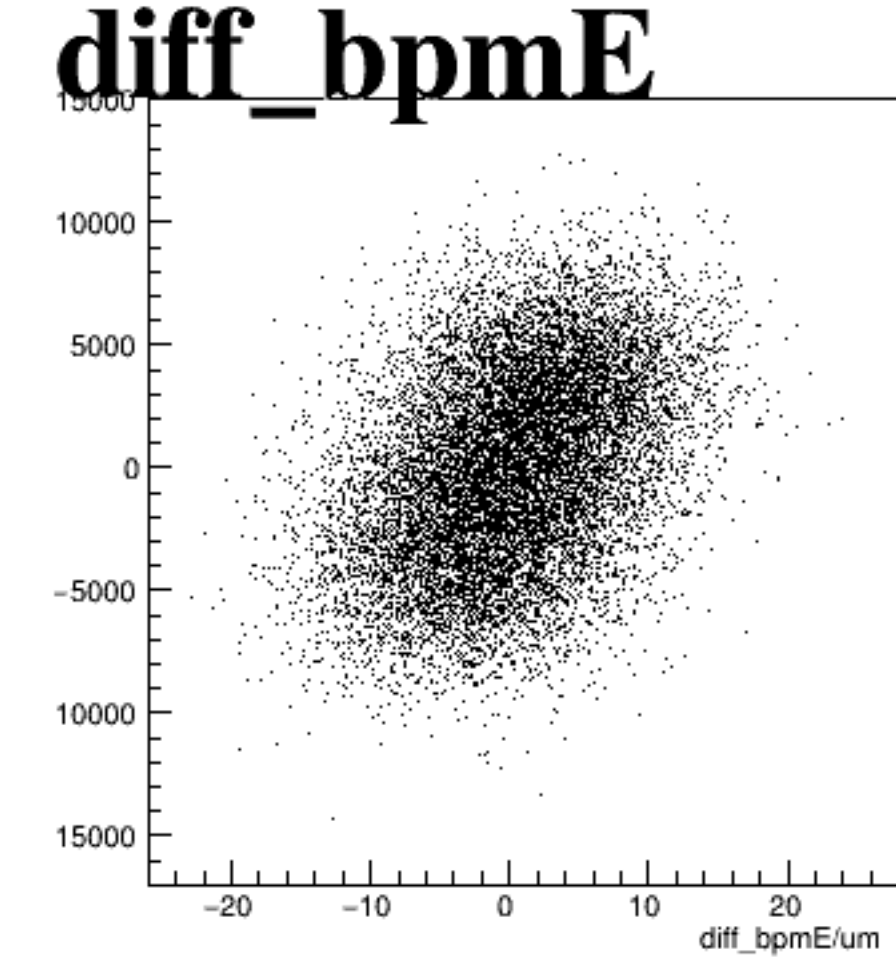
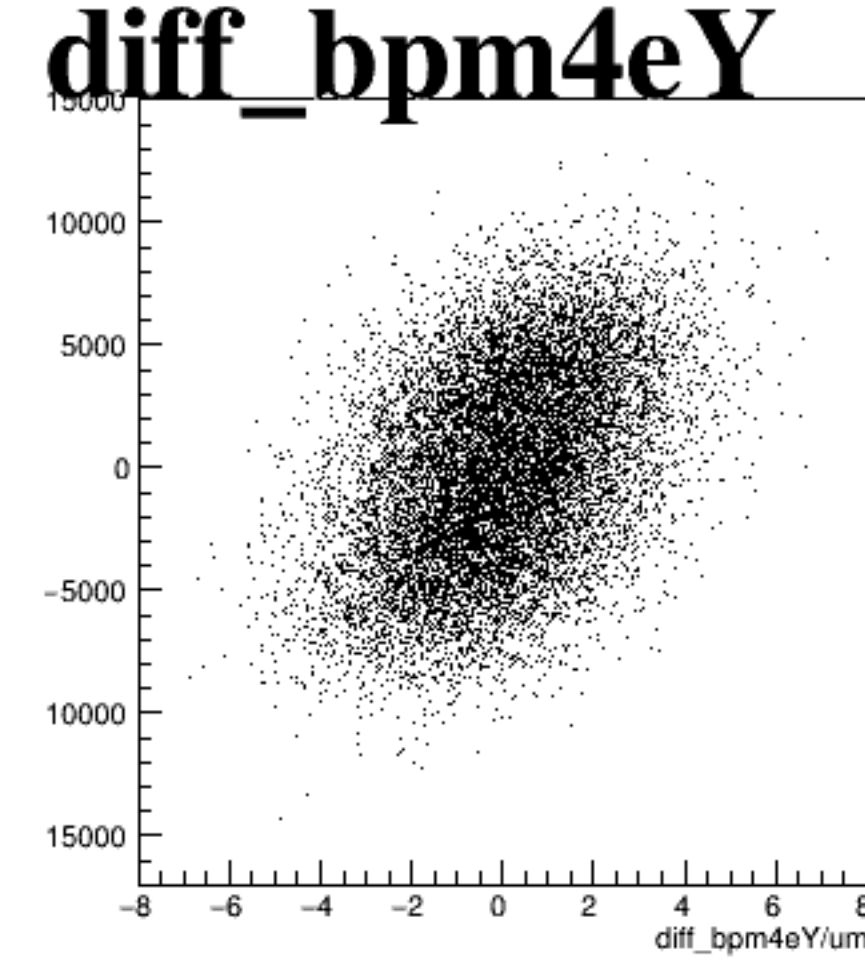
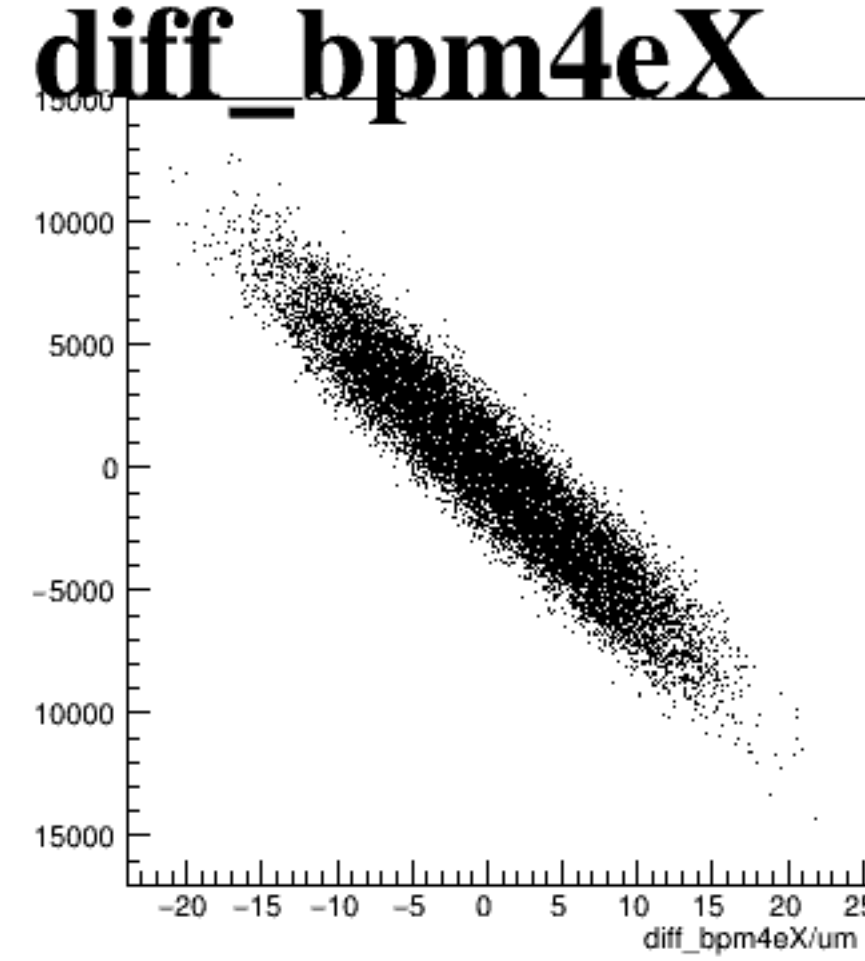
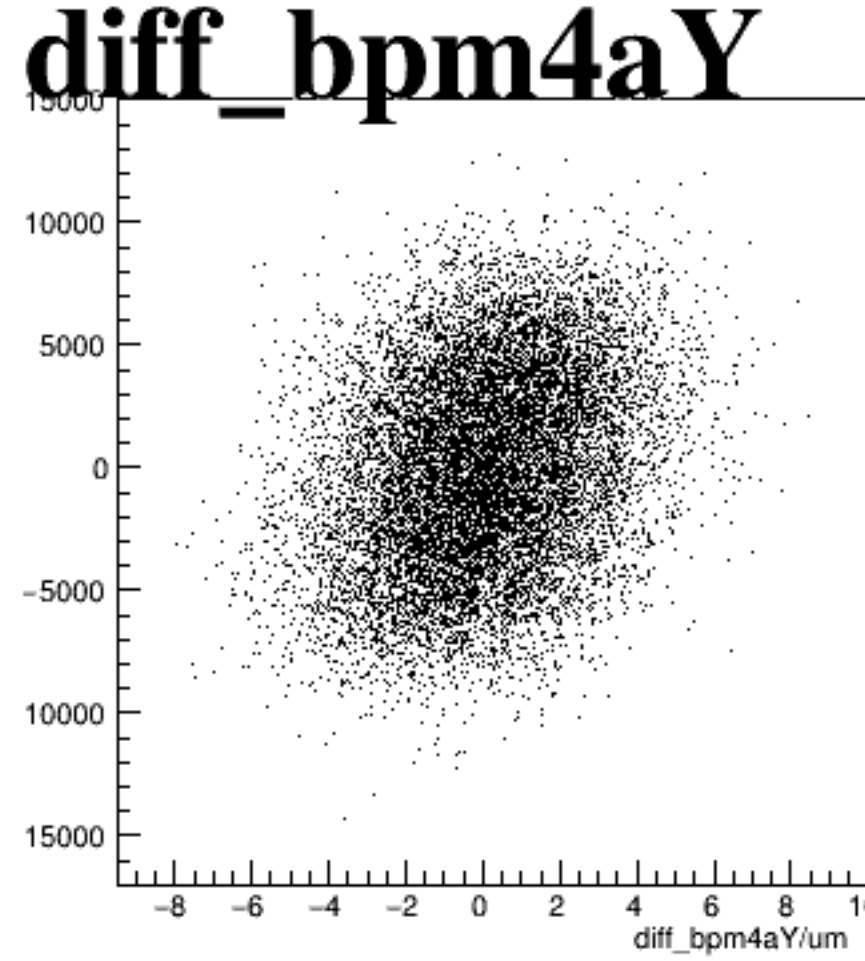
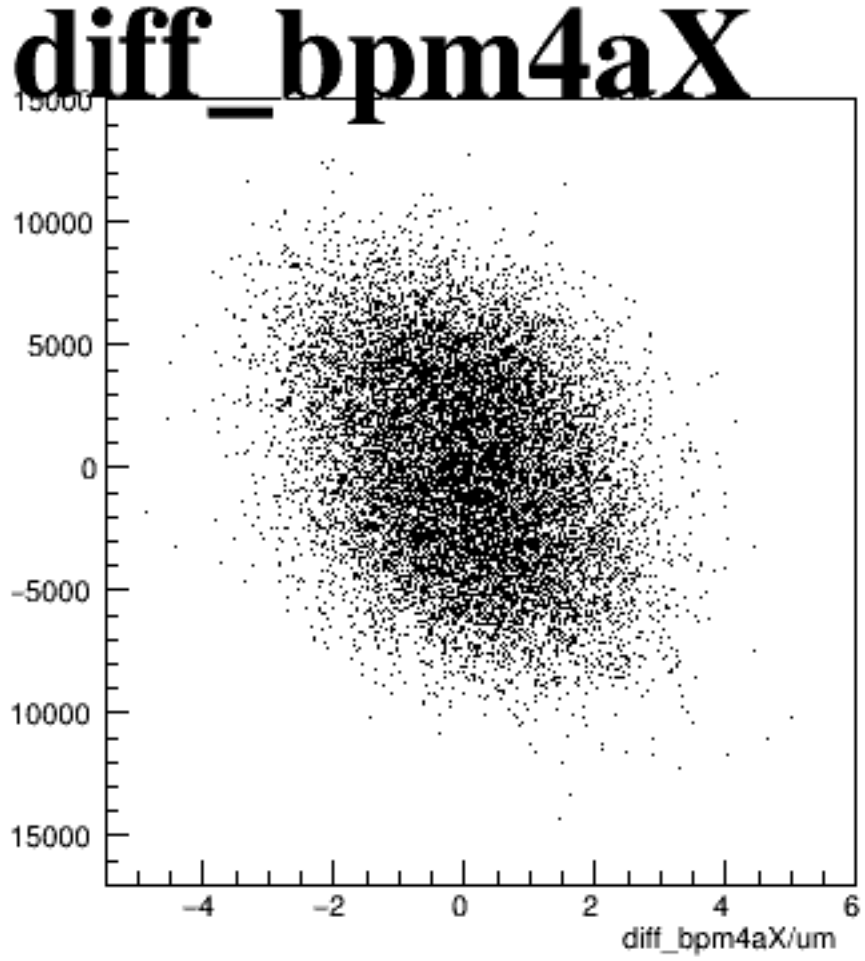
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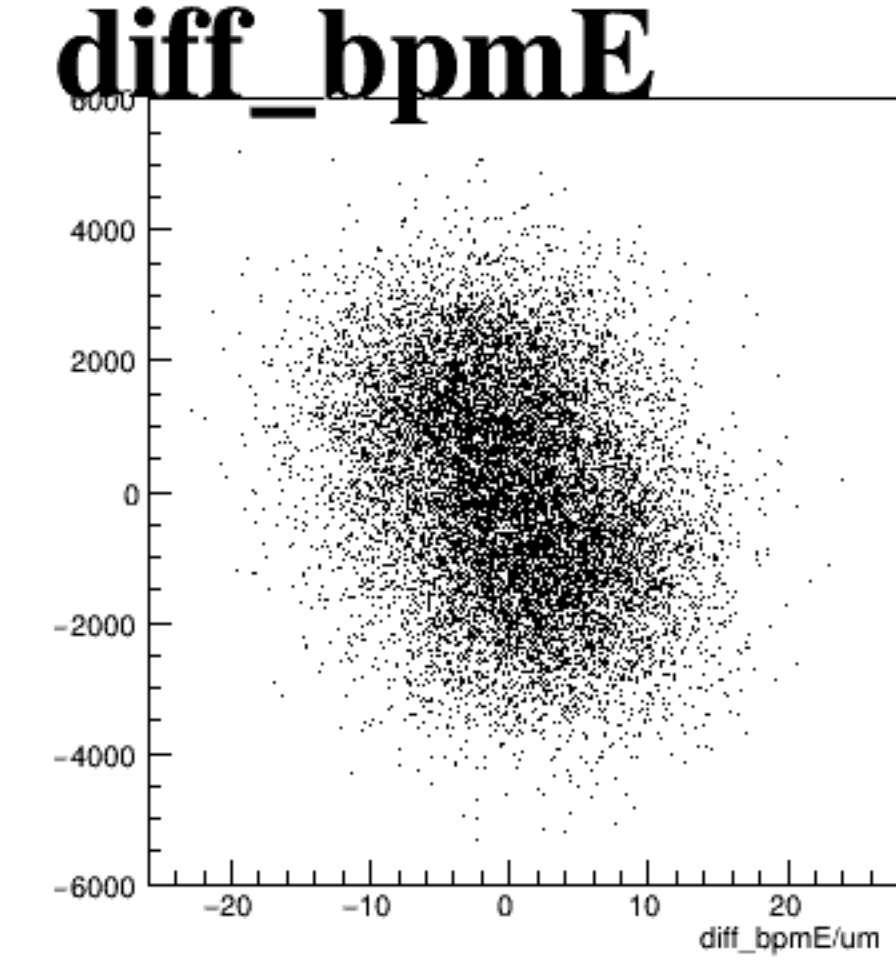
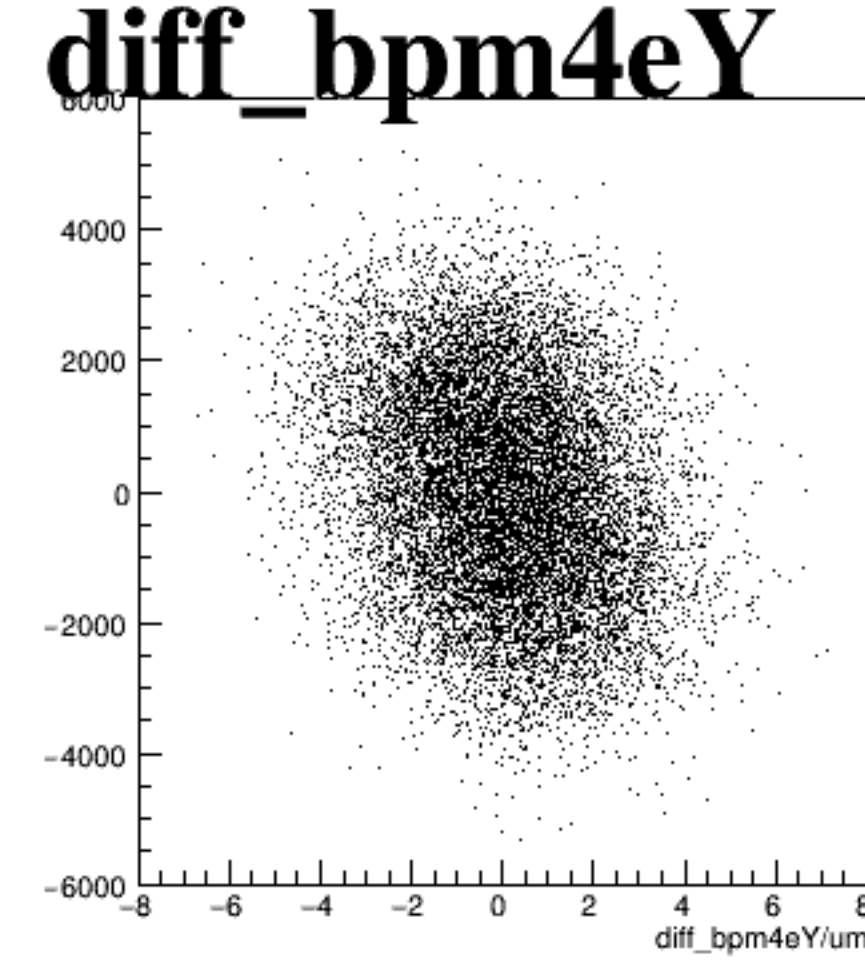
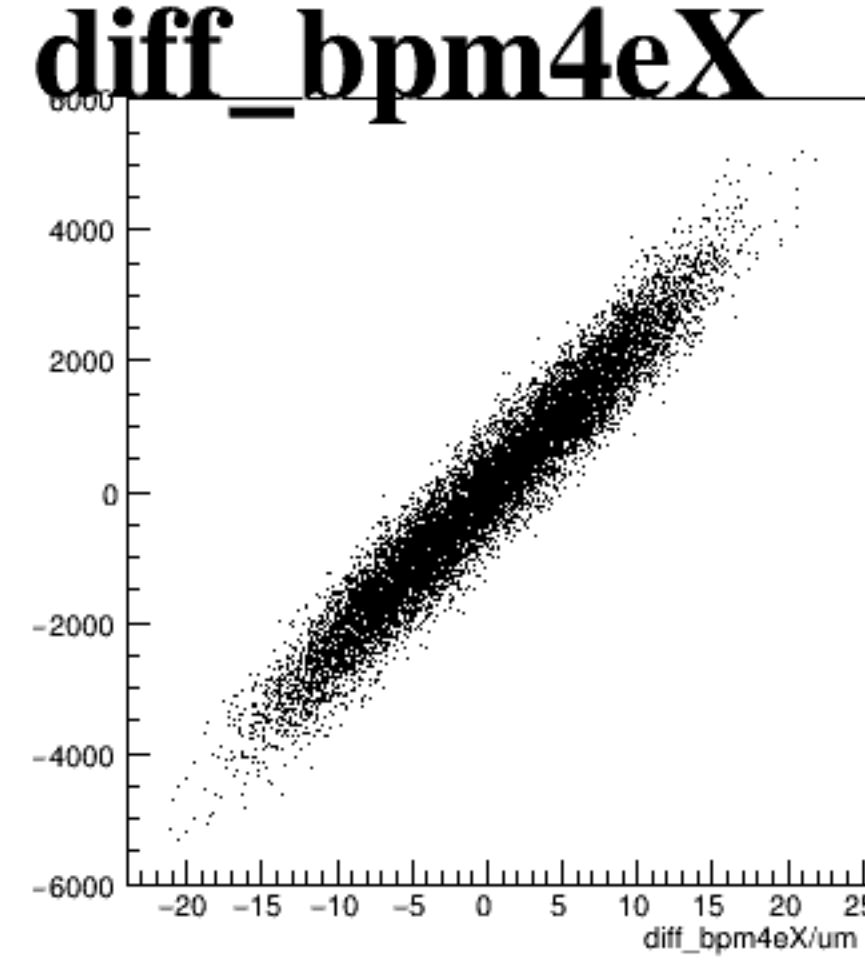
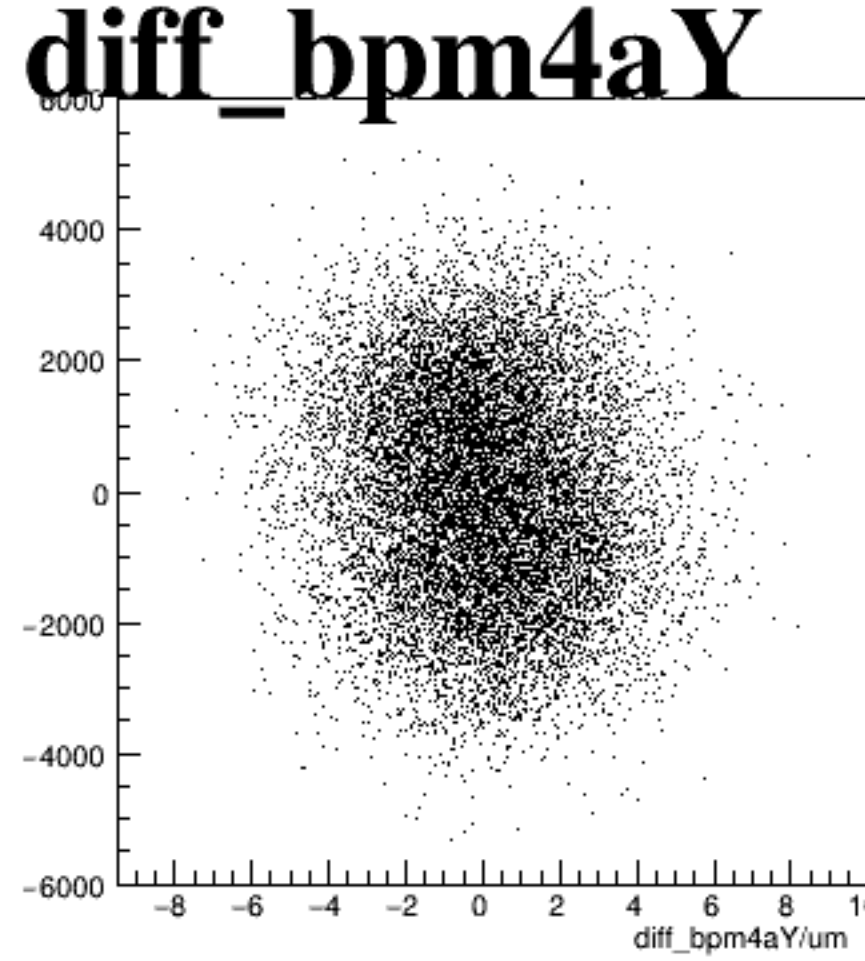
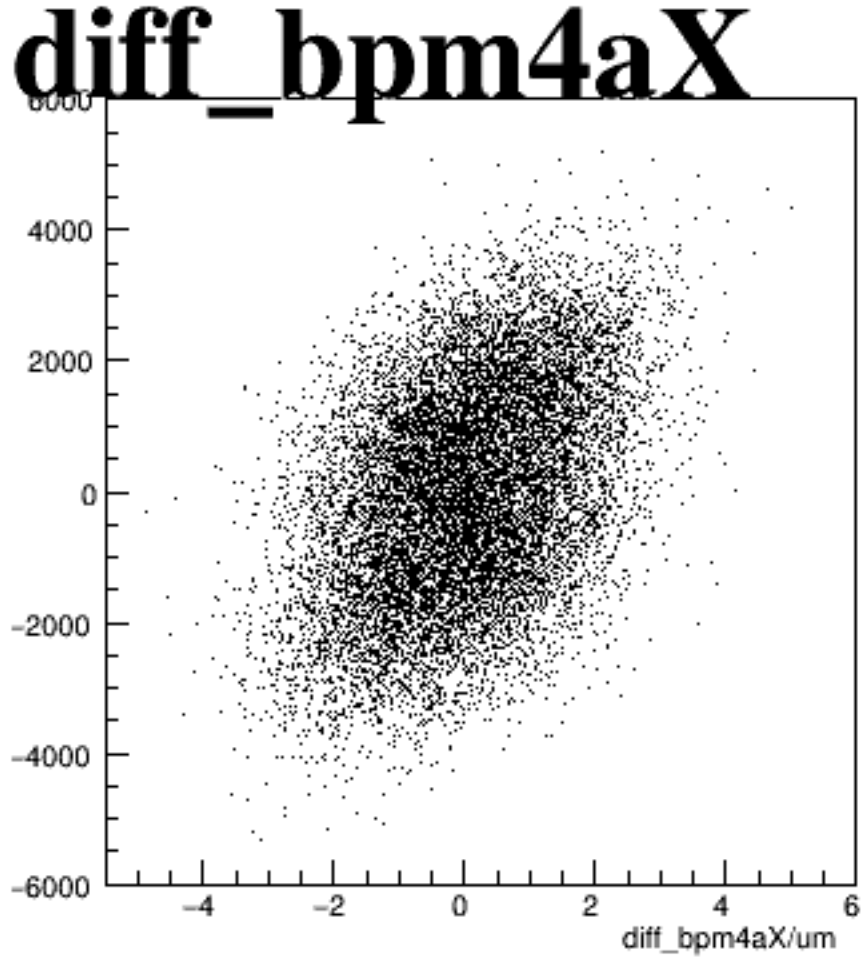
asym_sam2



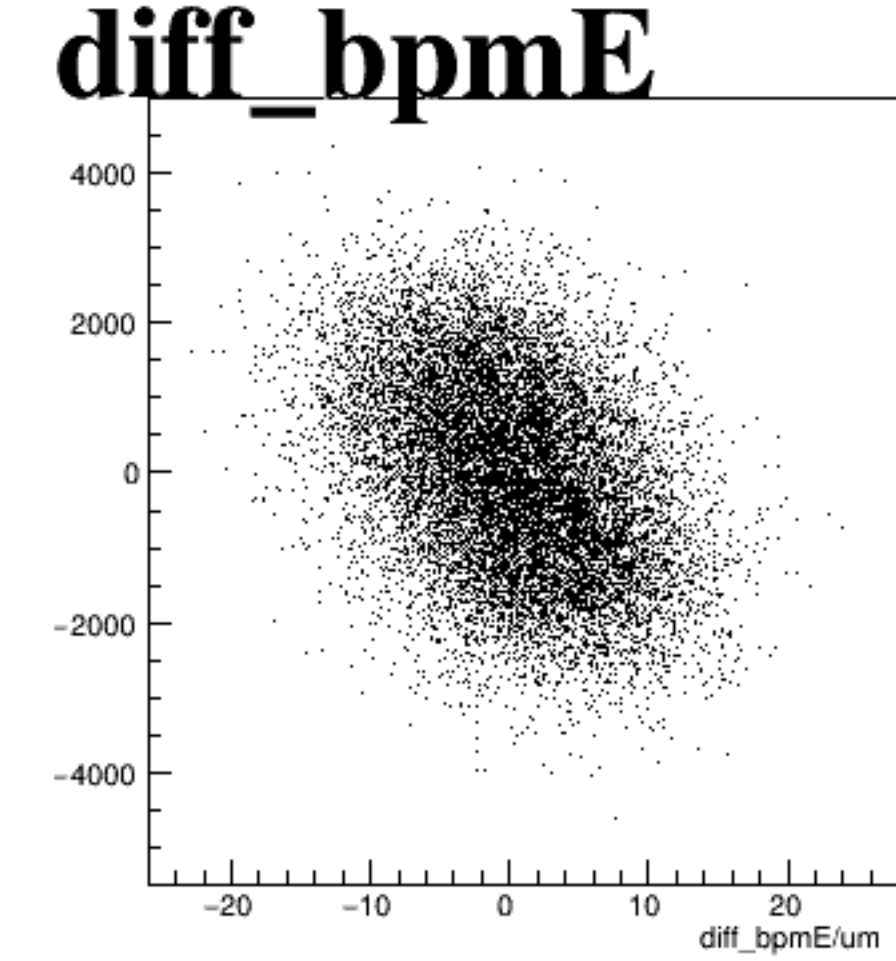
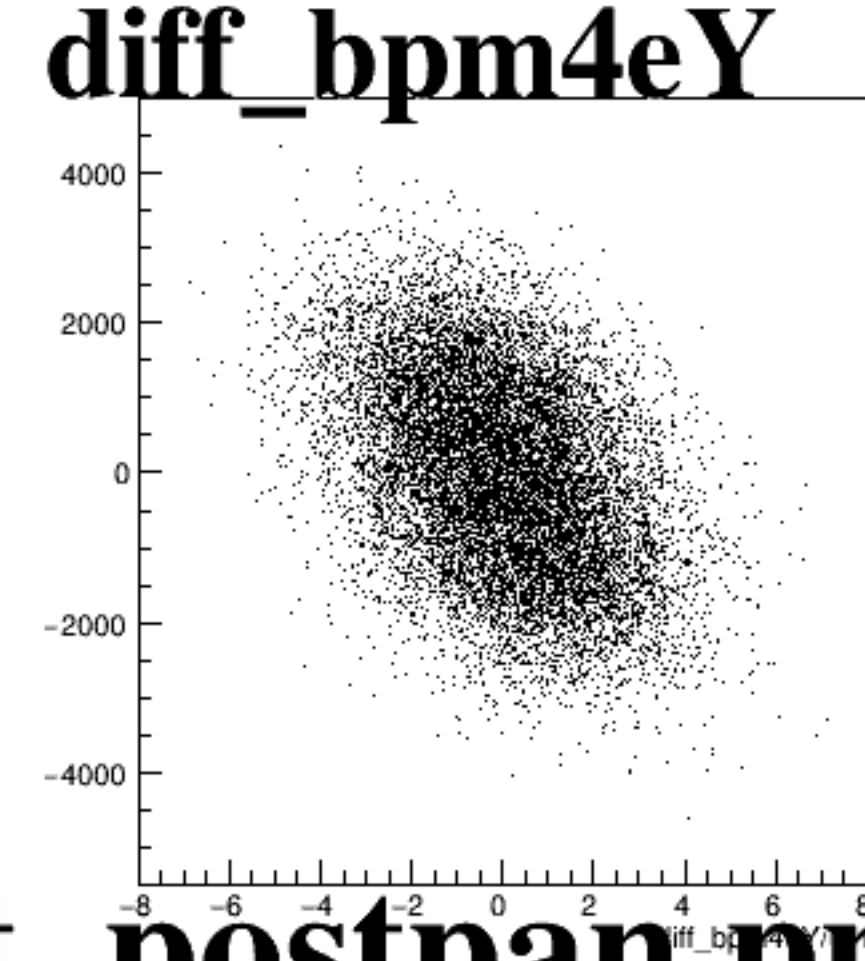
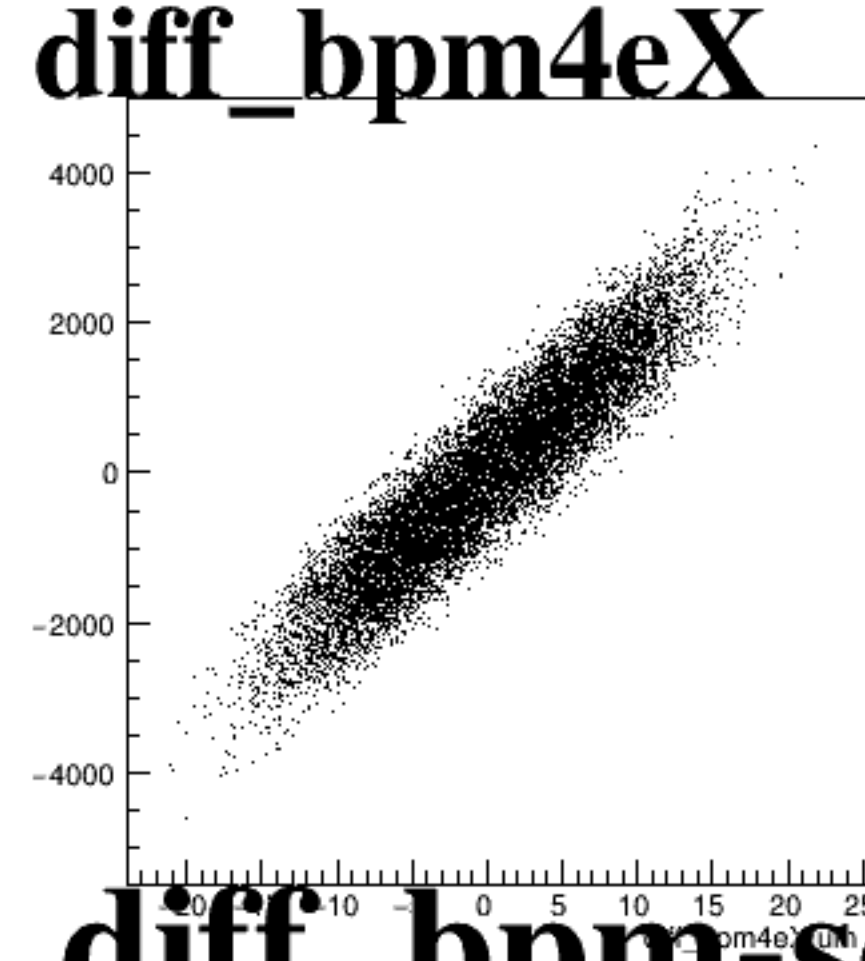
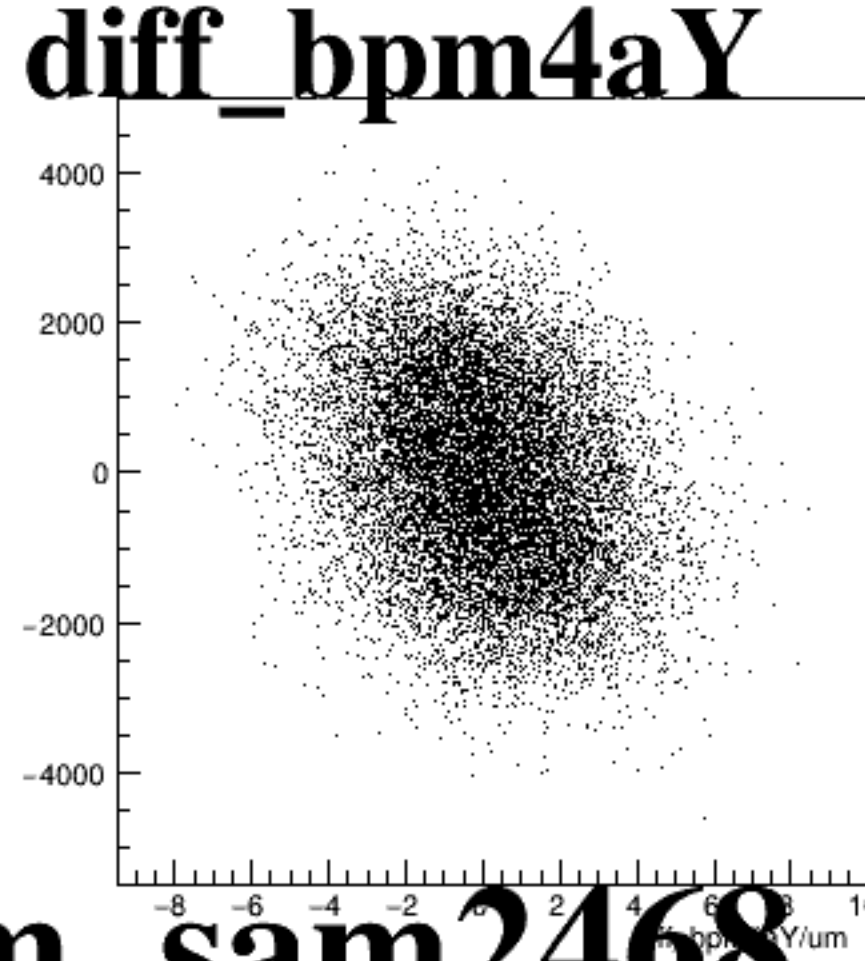
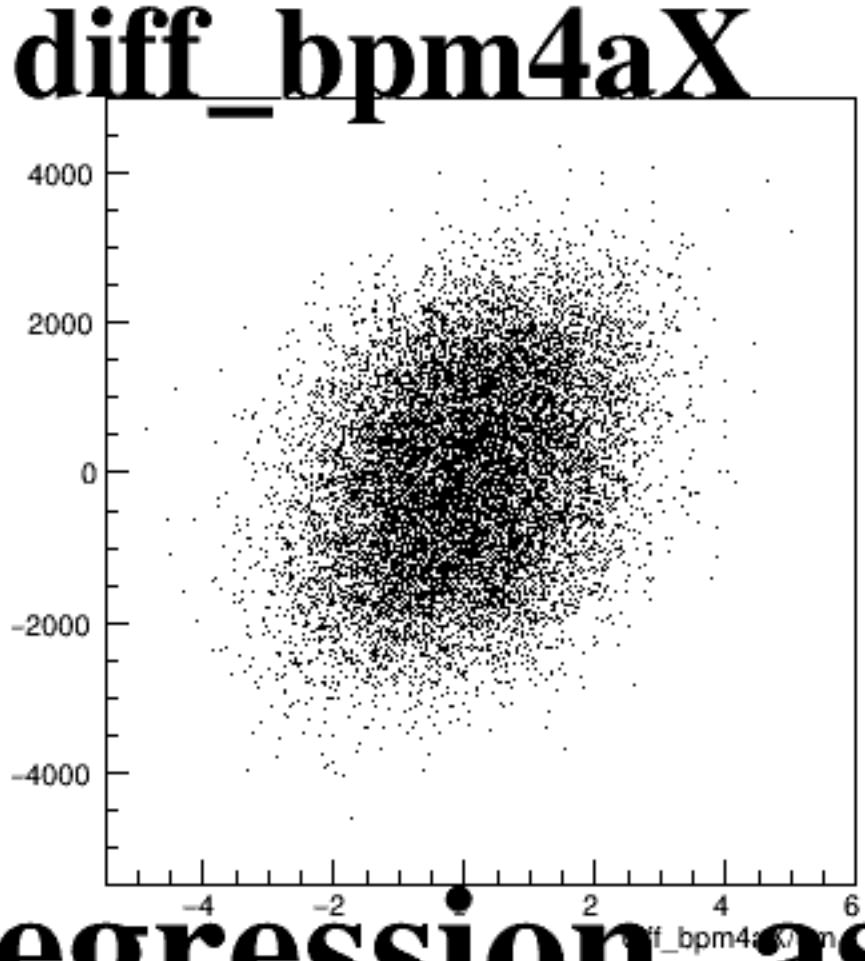
asym_sam4



asym_sam6



asym_sam8

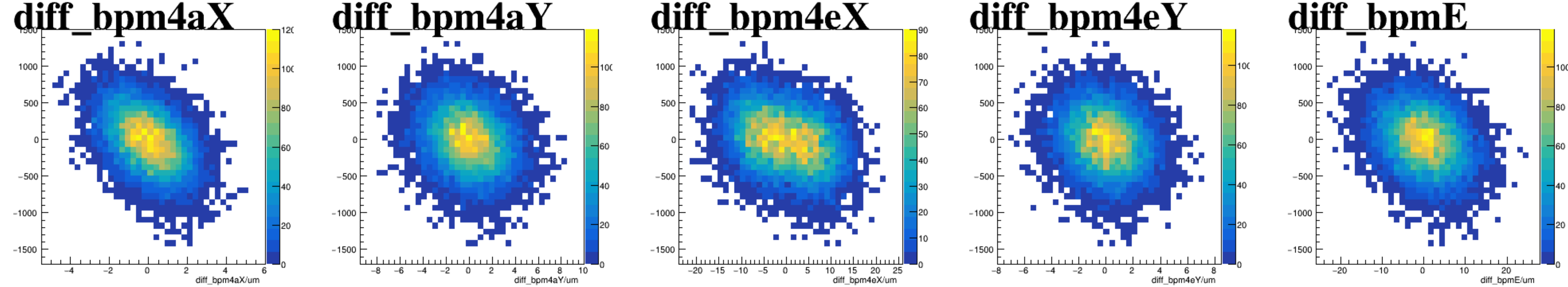


The figure displays five scatter plots, each representing a different variable. The y-axis for all plots ranges from -1500 to 1500. The x-axis for each plot is labeled as follows:

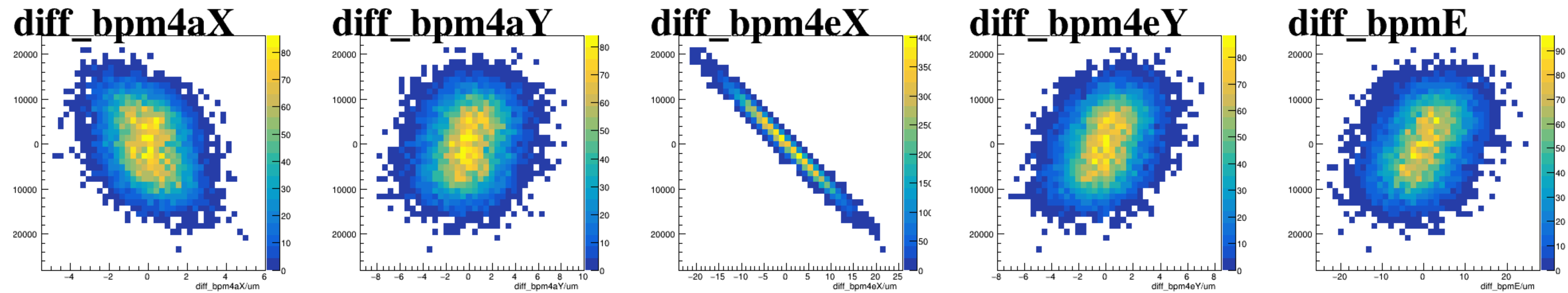
- diff_bpm4aX**: x-axis ranges from -4 to 6.
- diff_bpm4aY**: x-axis ranges from -8 to 10.
- diff_bpm4eX**: x-axis ranges from -20 to 25.
- diff_bpm4eY**: x-axis ranges from -8 to 8.
- diff_bpmE**: x-axis ranges from -20 to 20.

All plots show a dense, roughly circular distribution of points centered at the origin (0,0).

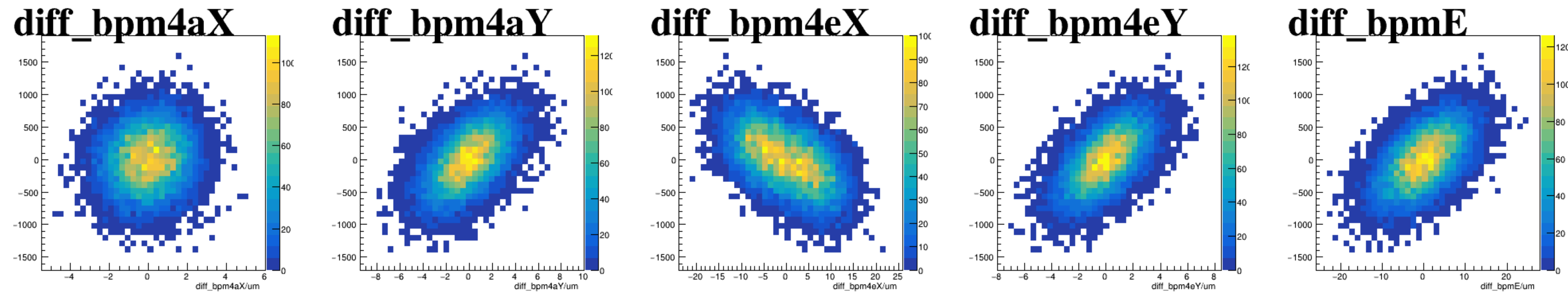
asym_sam1



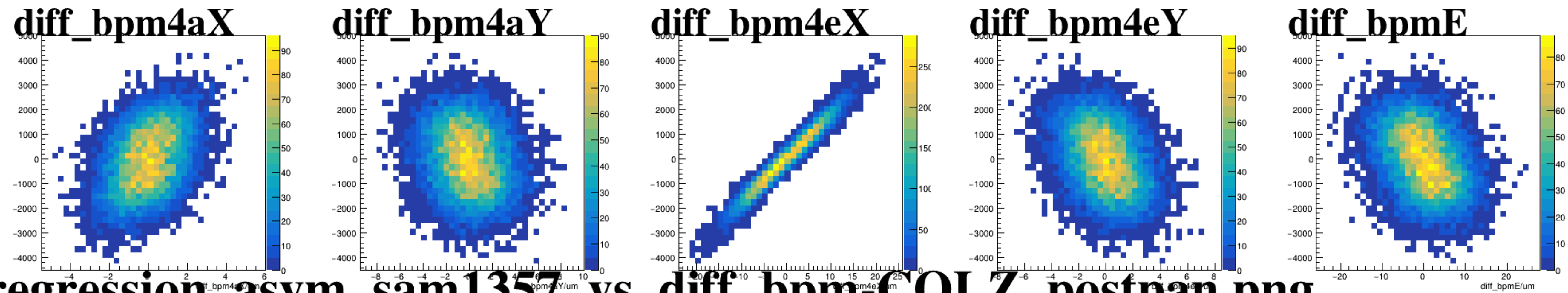
asym_sam3



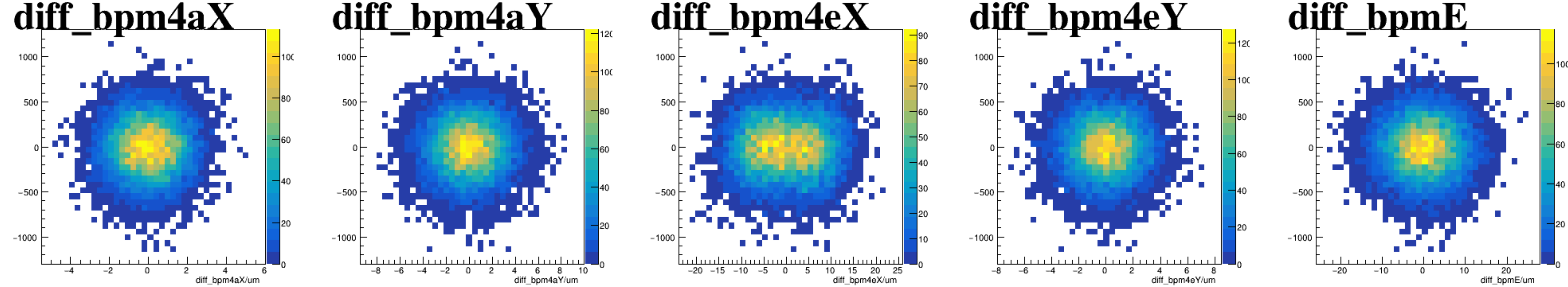
asym_sam5



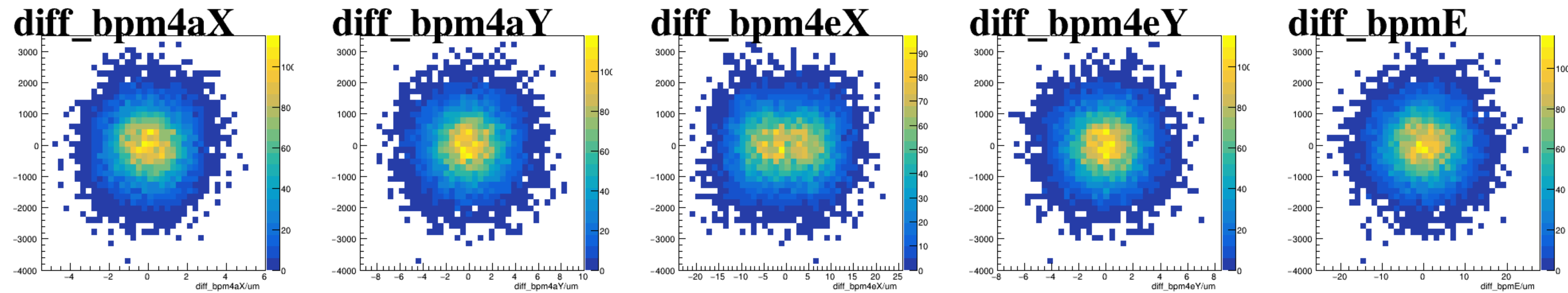
asym_sam7



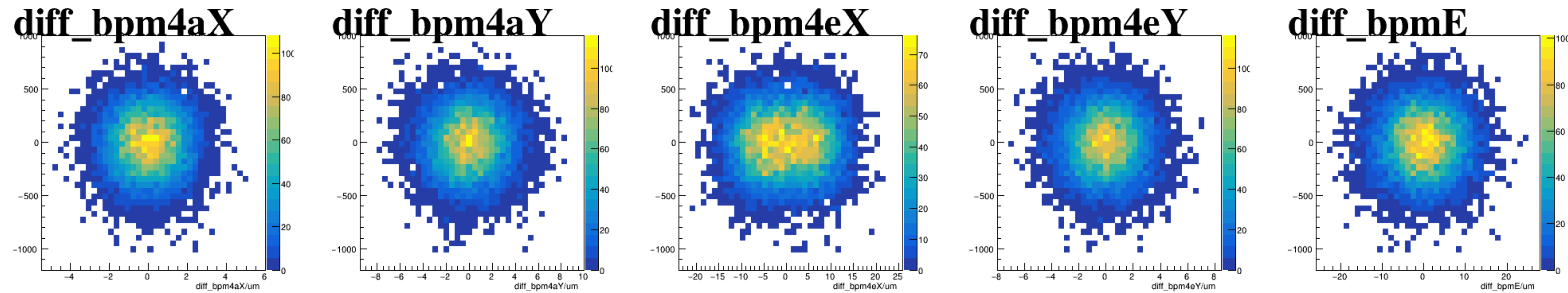
reg_asym_sam1



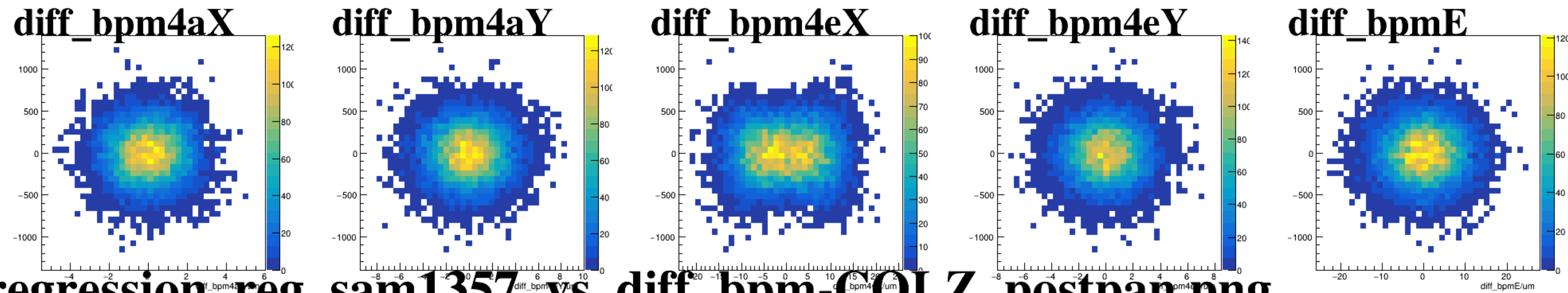
reg_asym_sam3



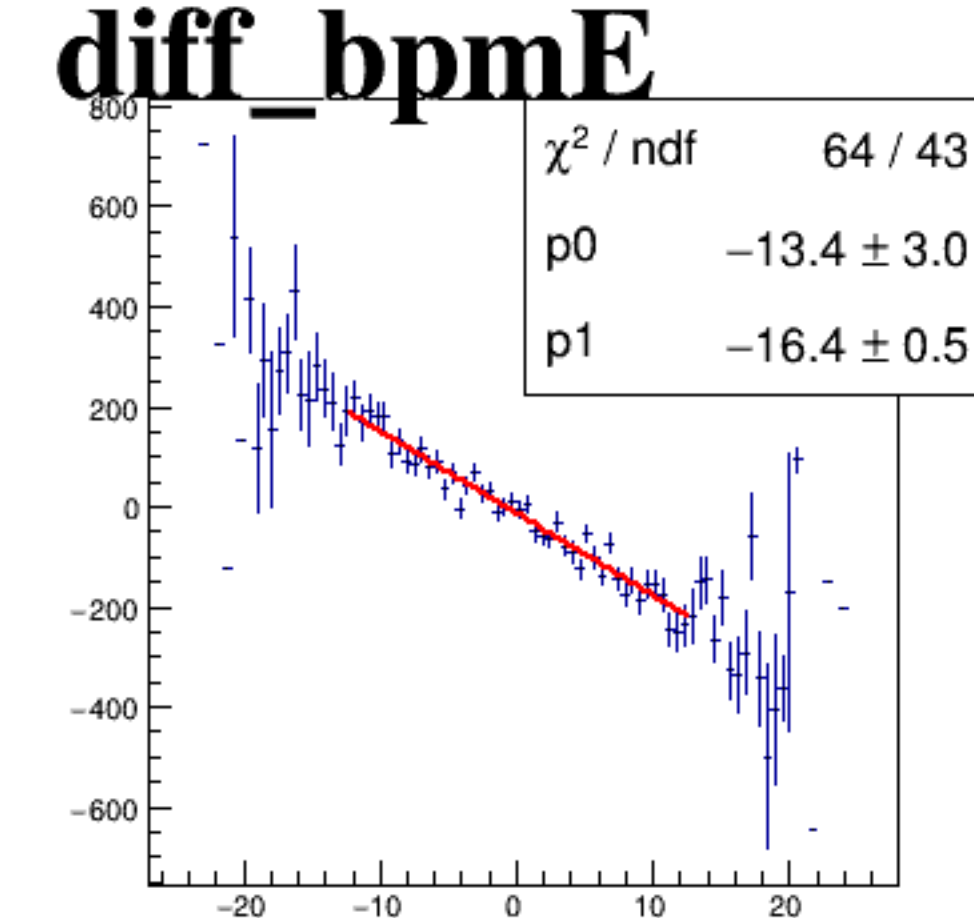
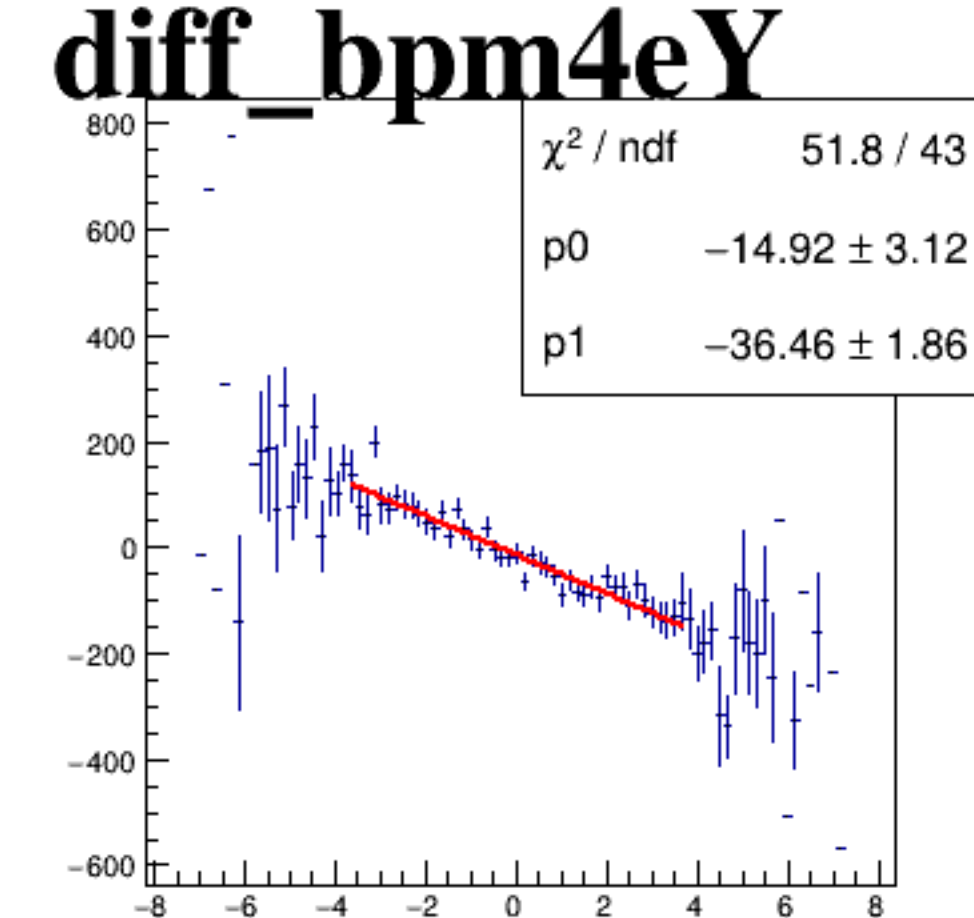
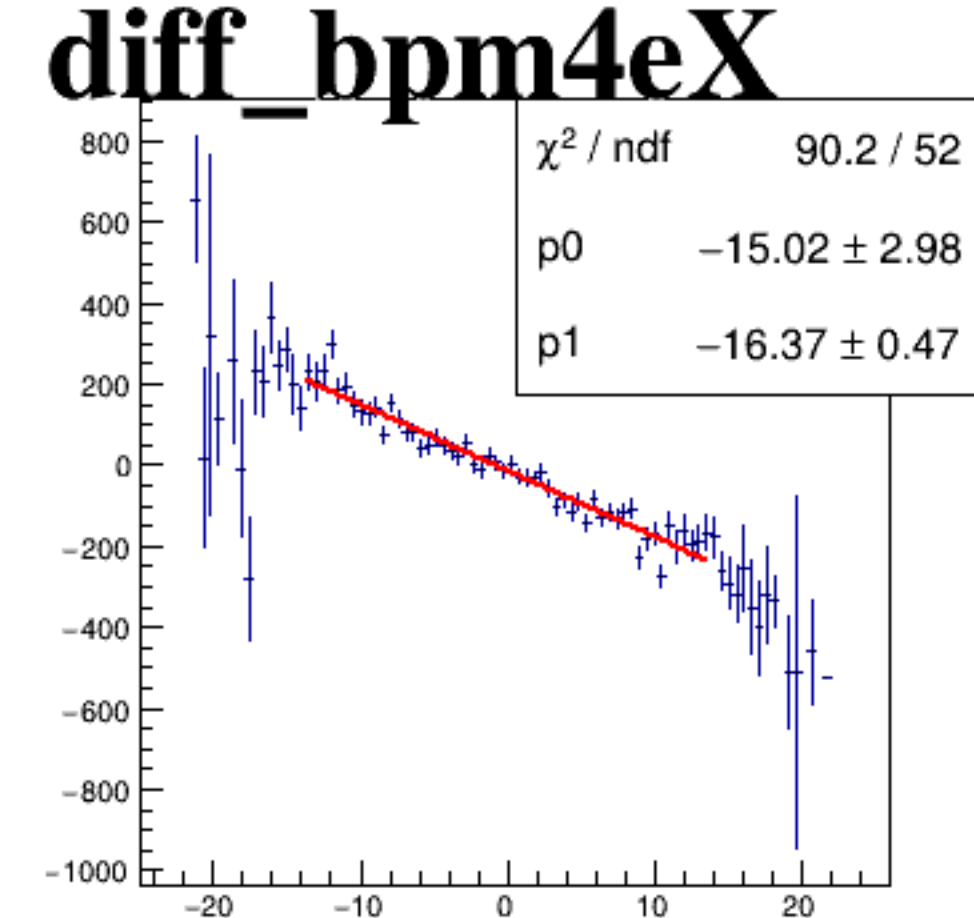
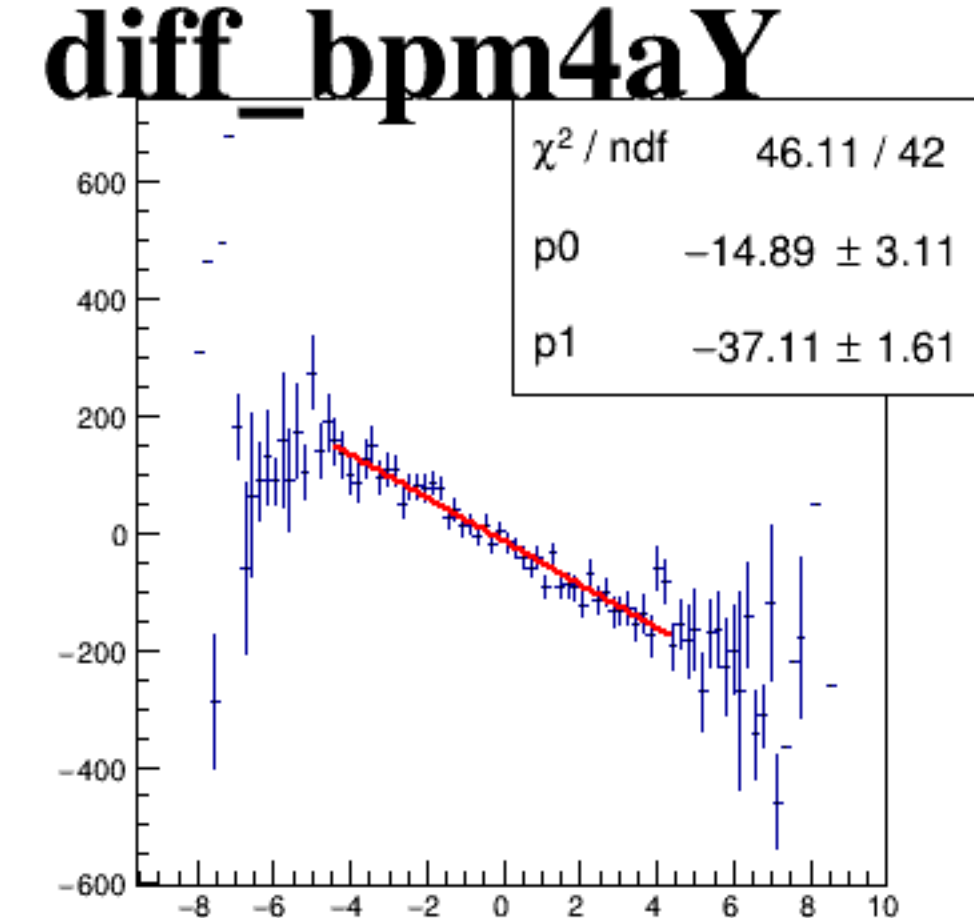
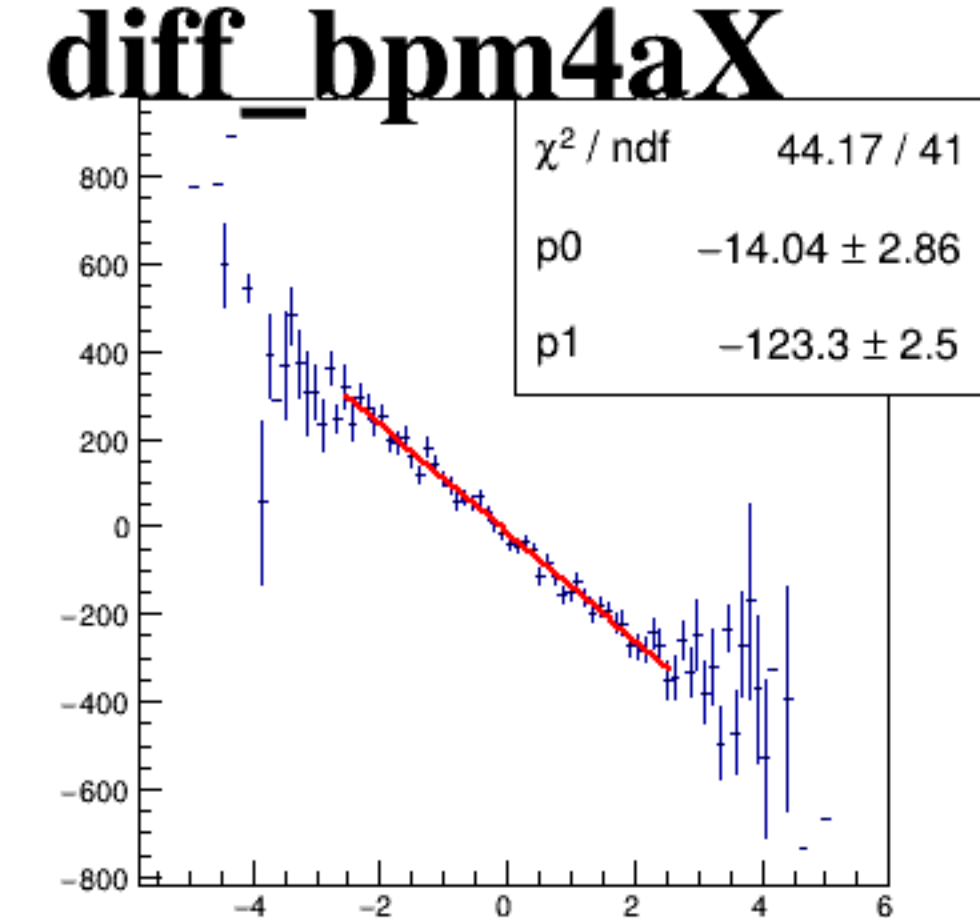
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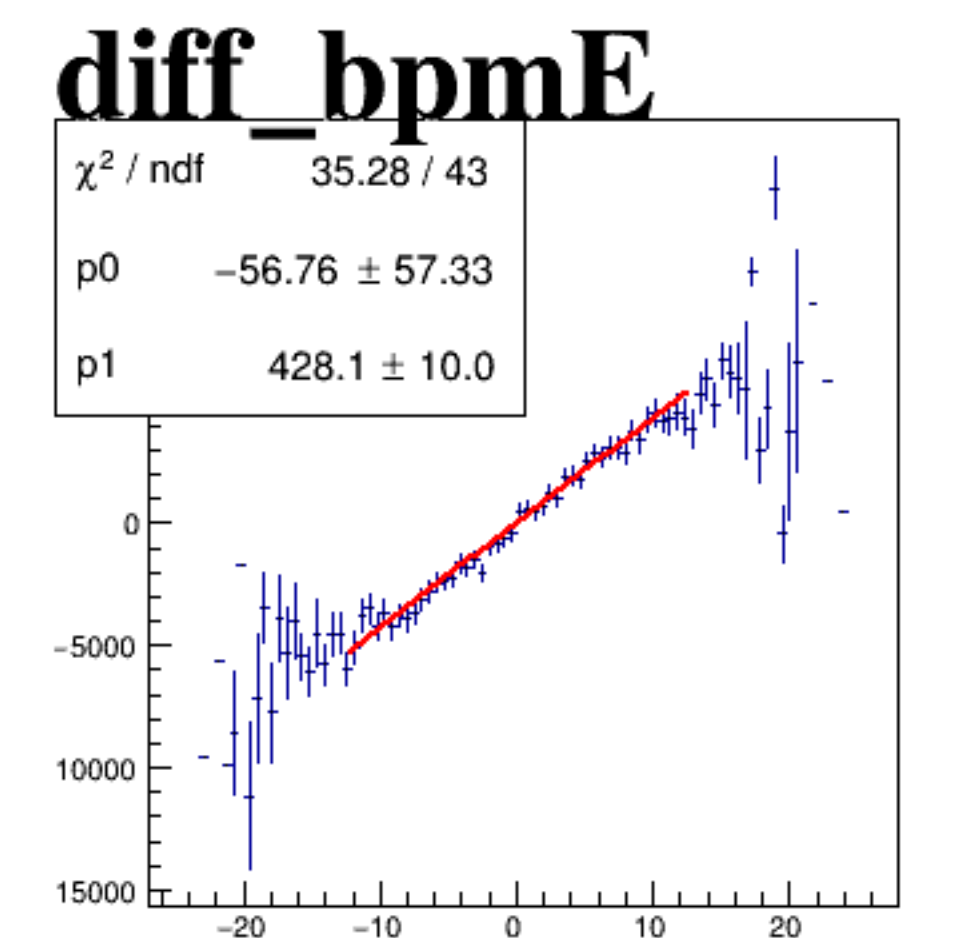
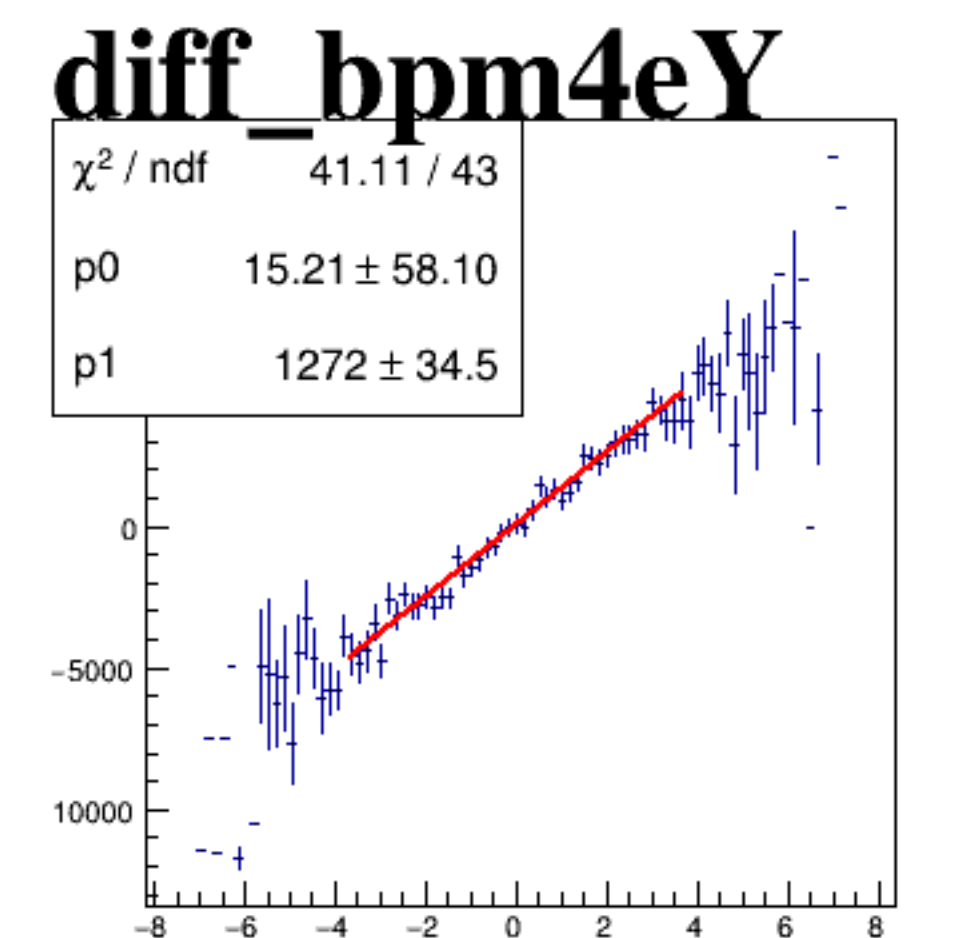
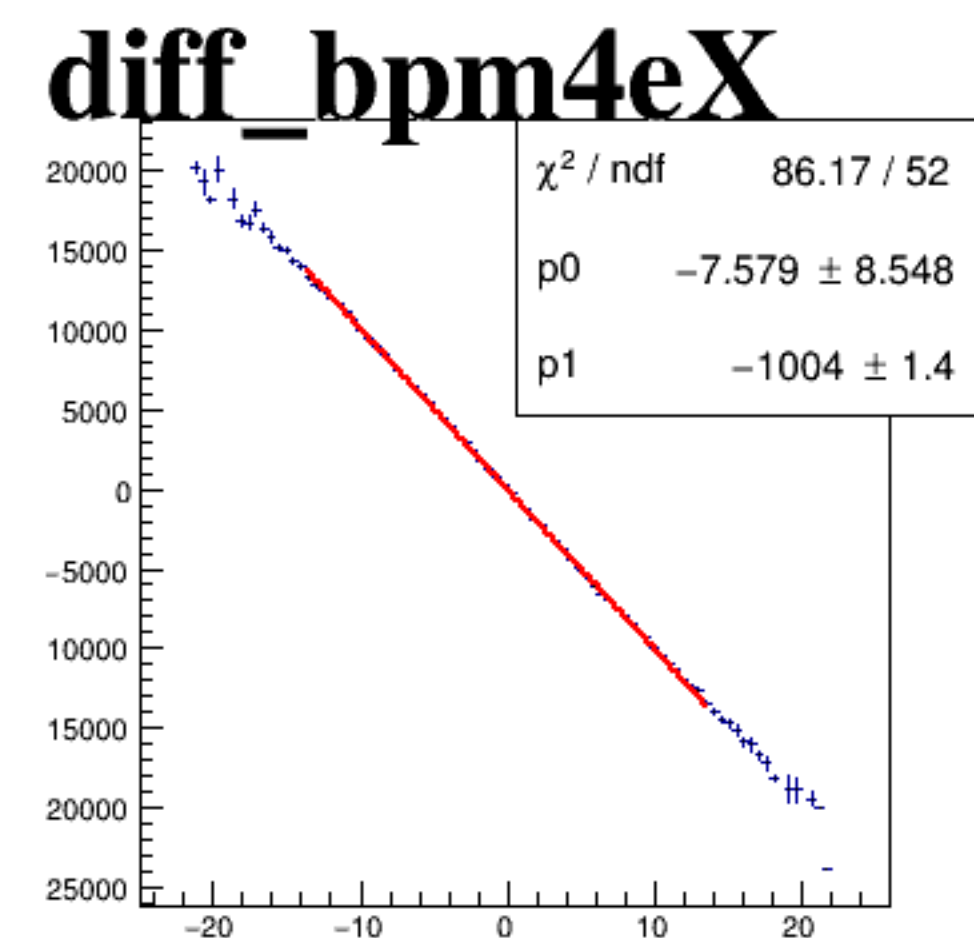
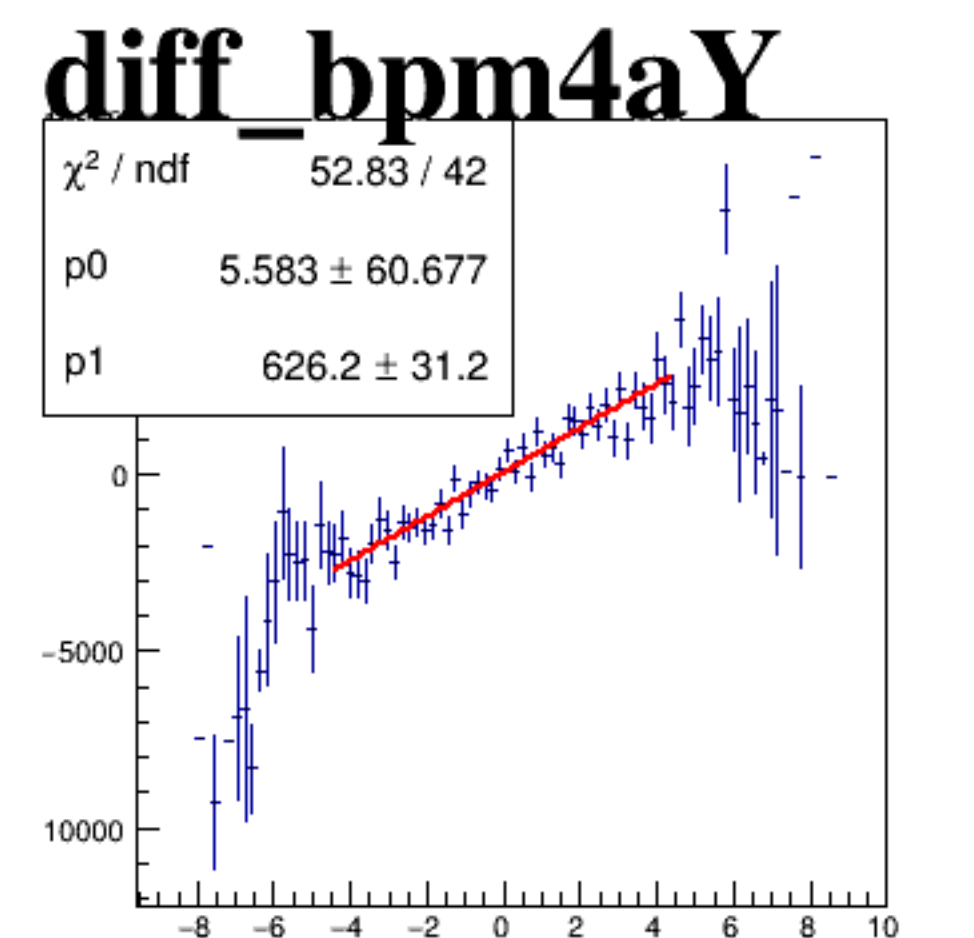
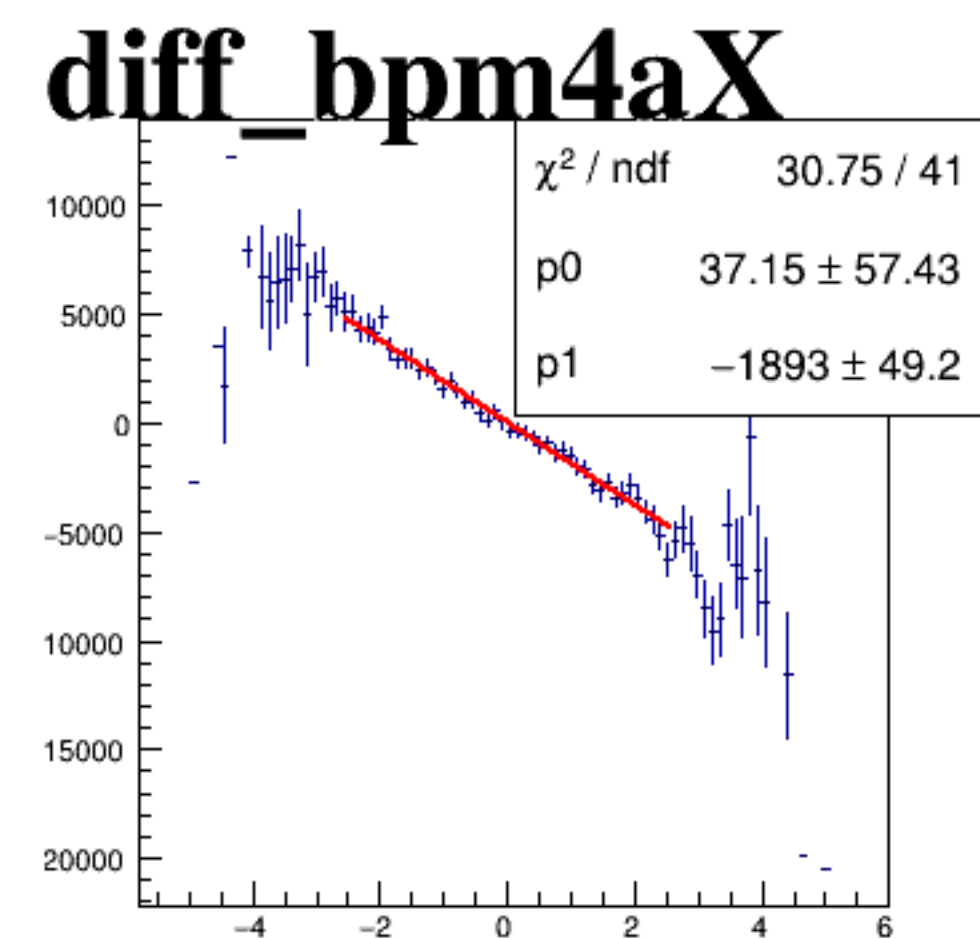
reg_asym_sam7



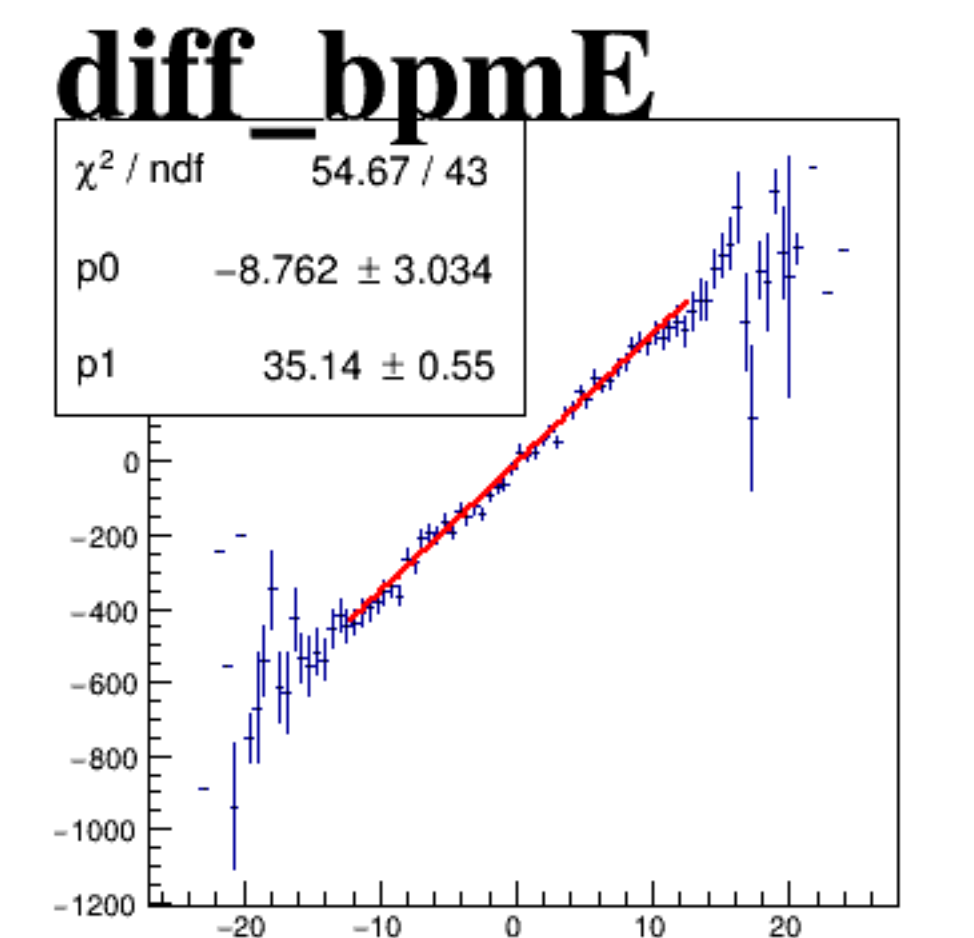
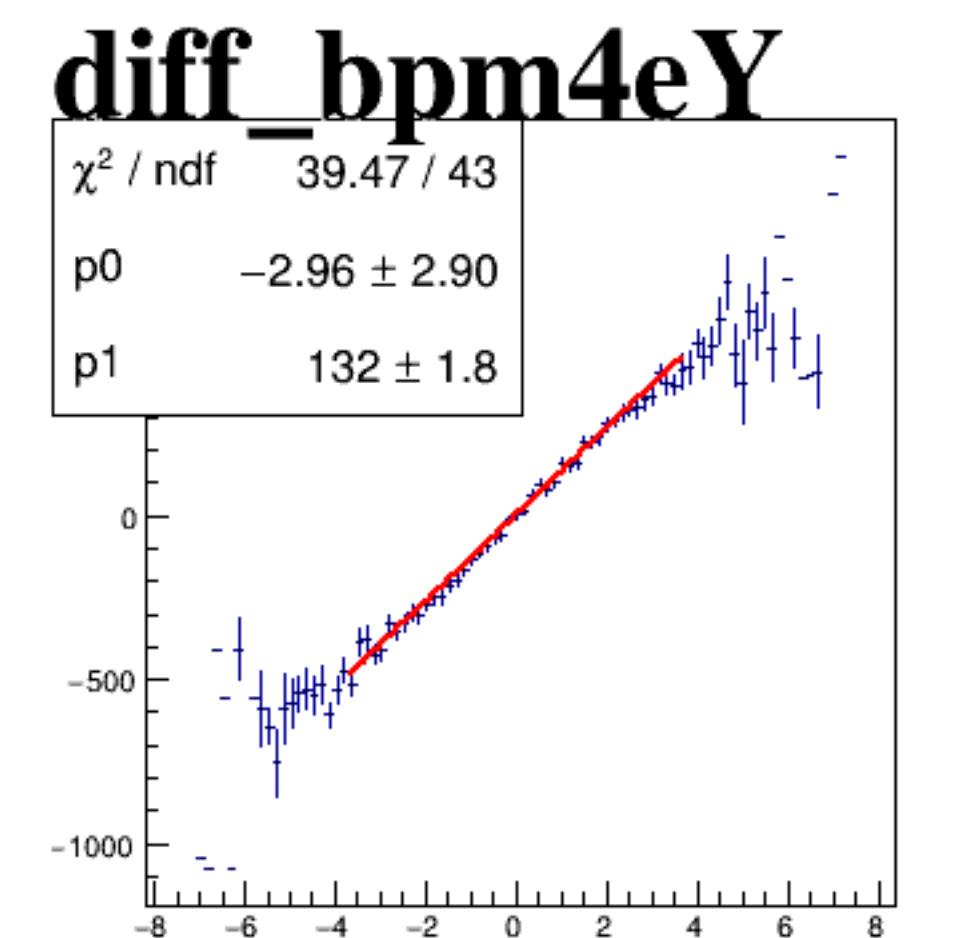
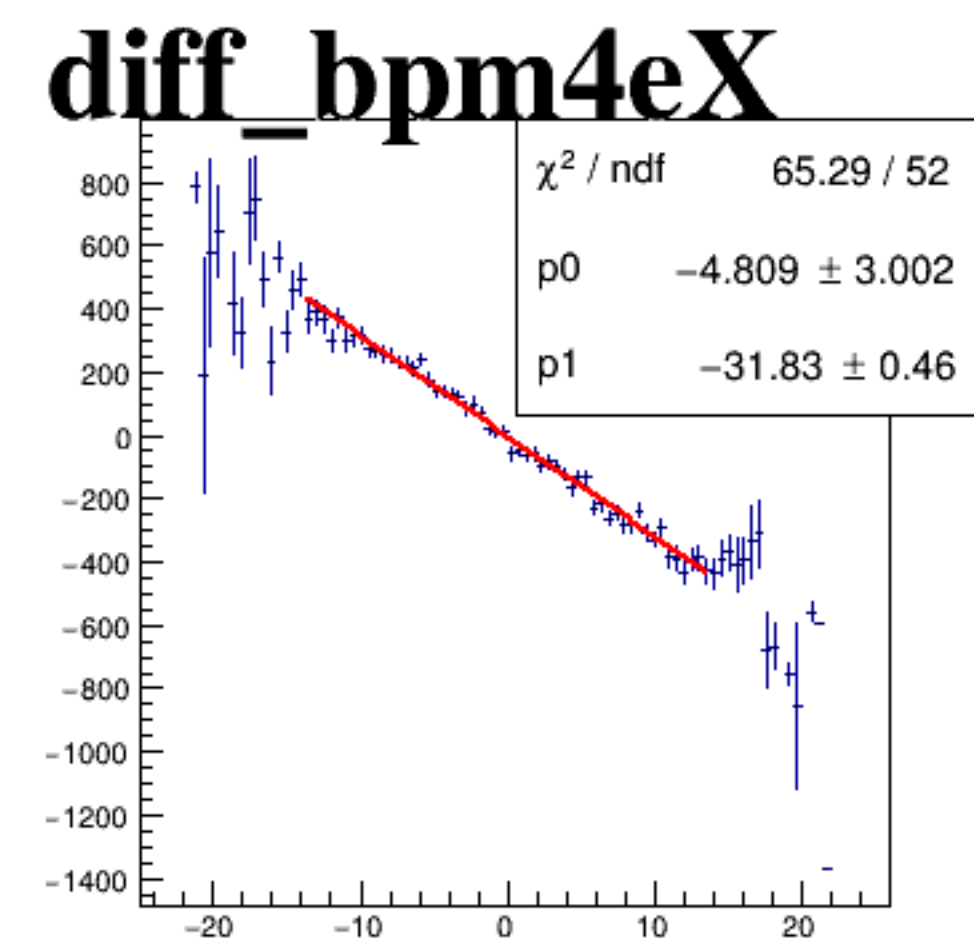
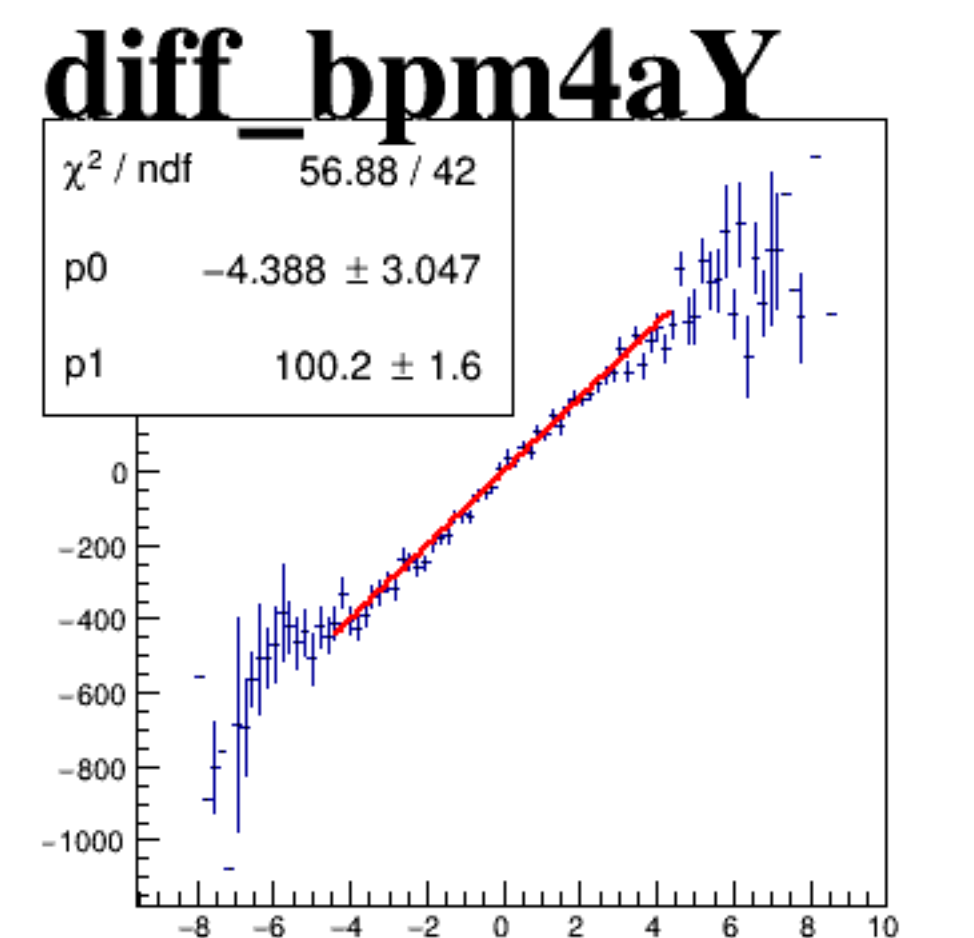
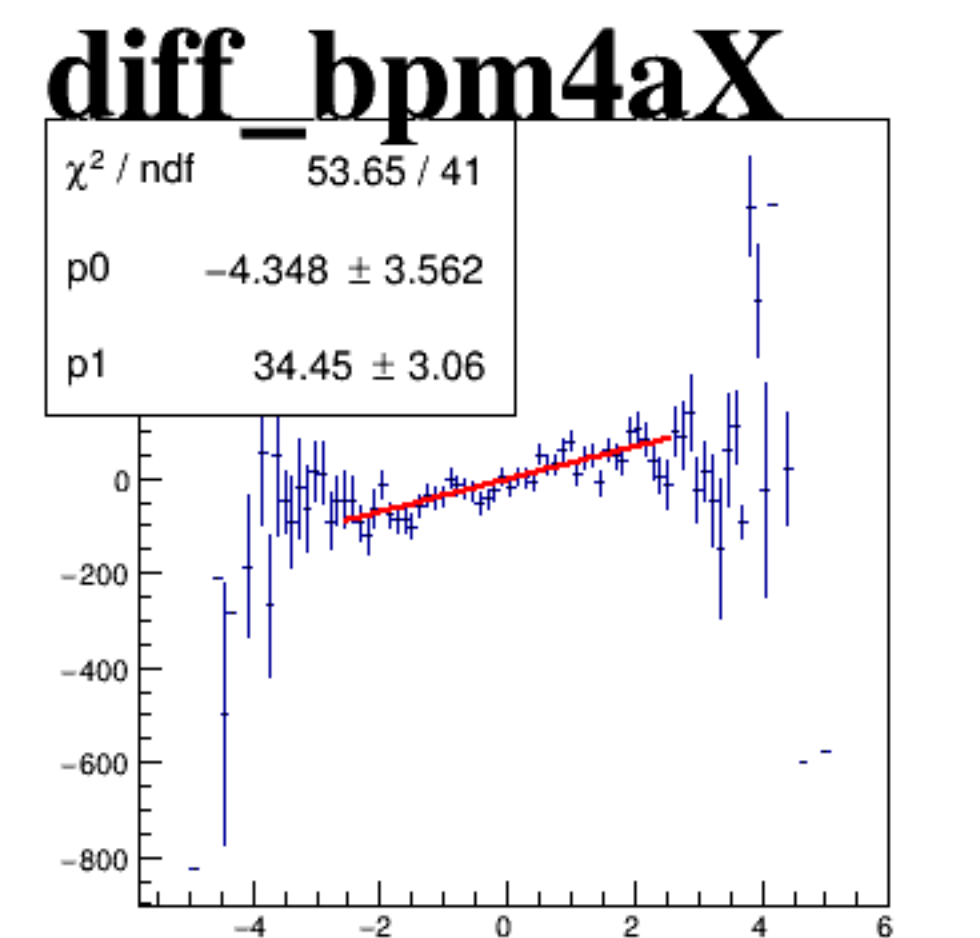
asym_sam1



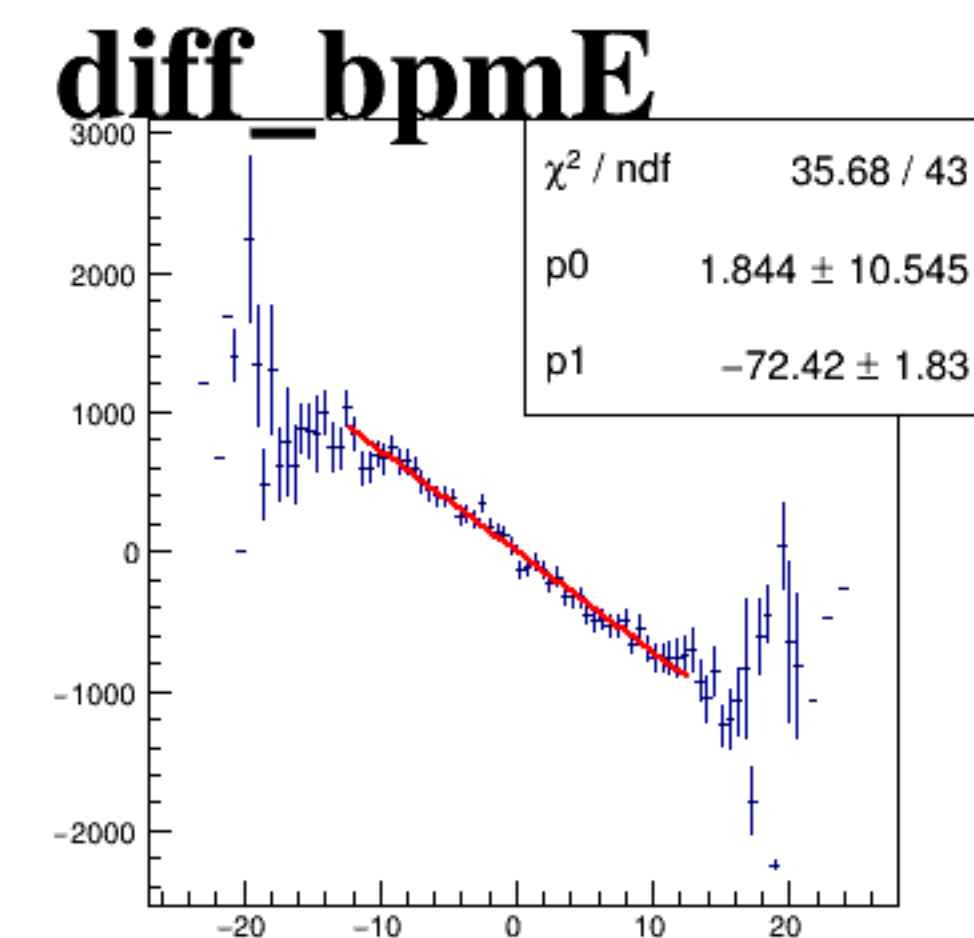
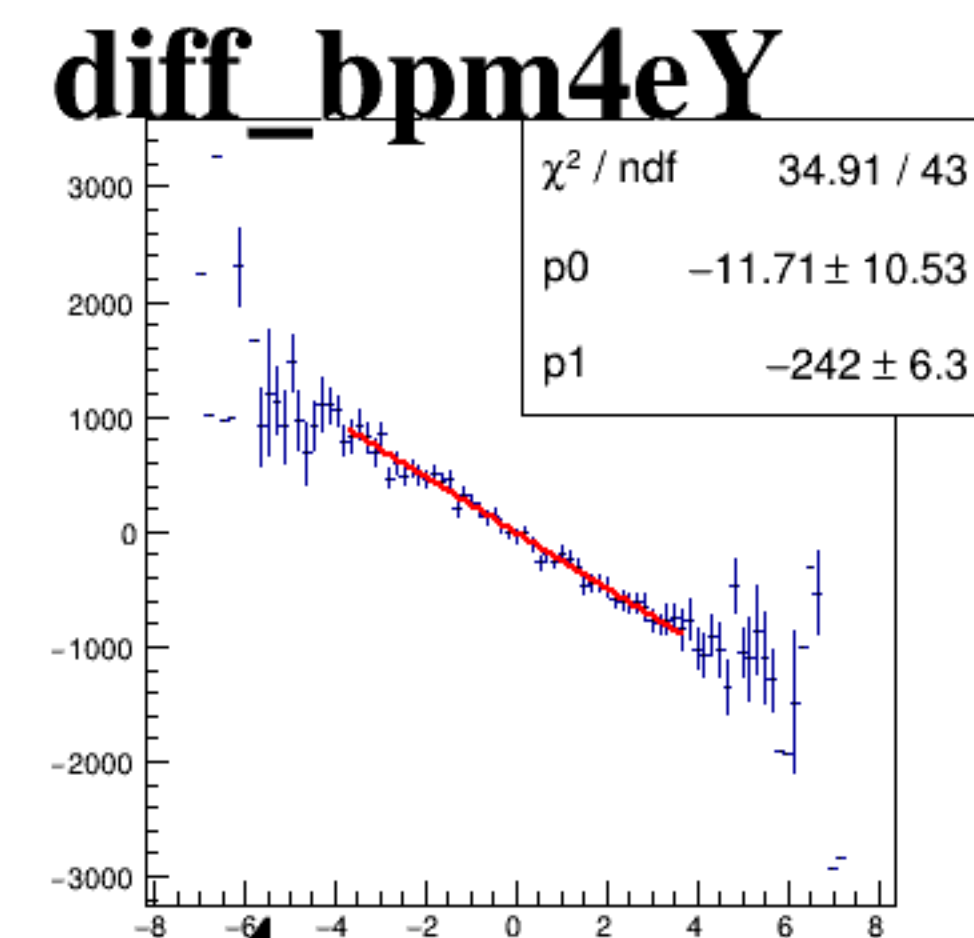
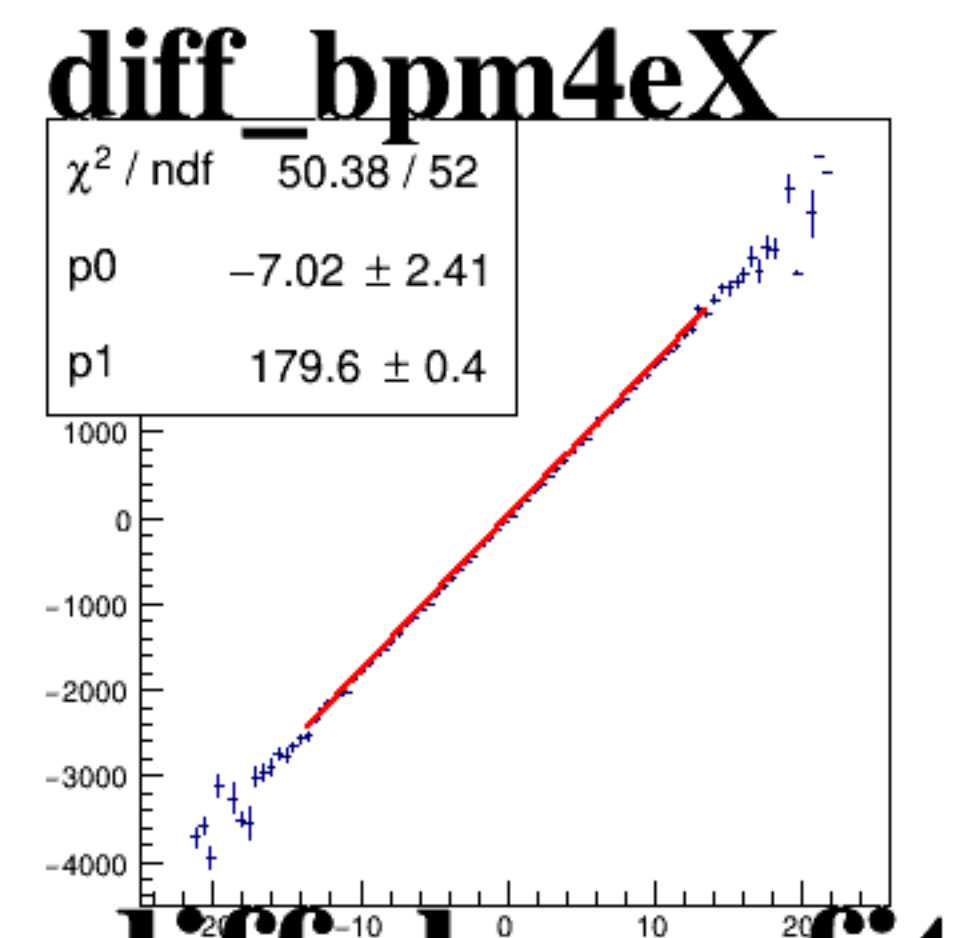
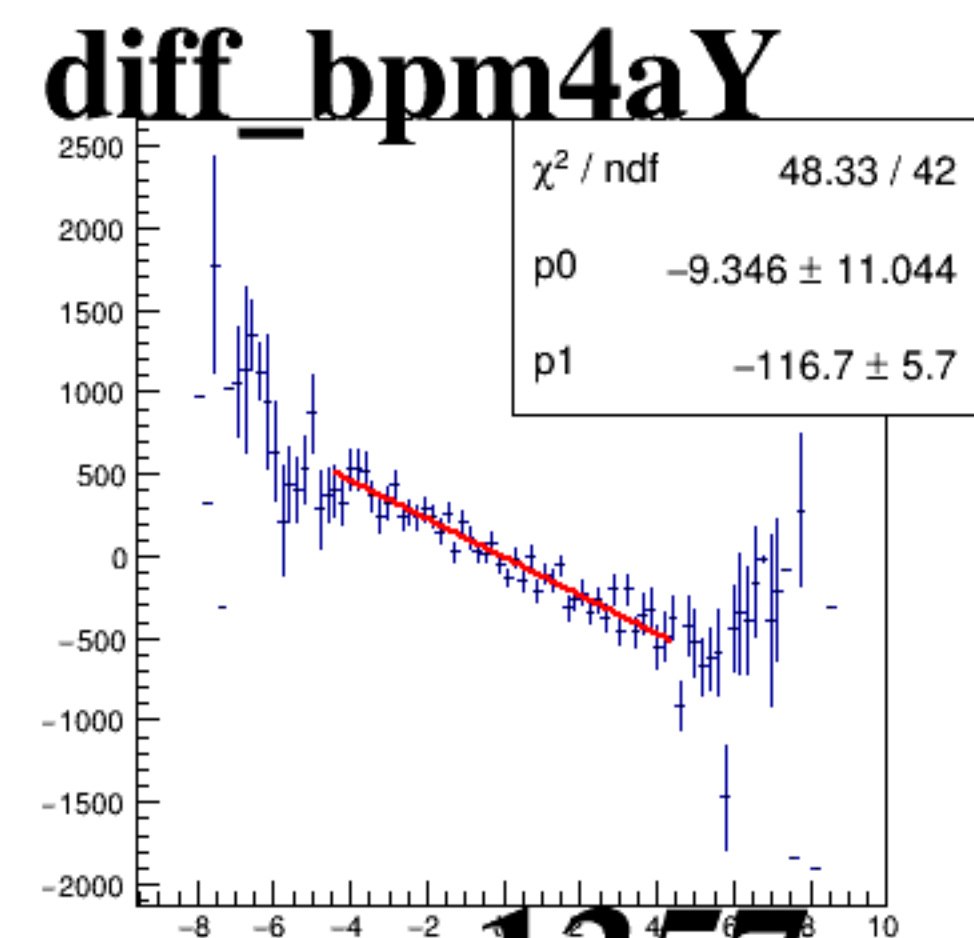
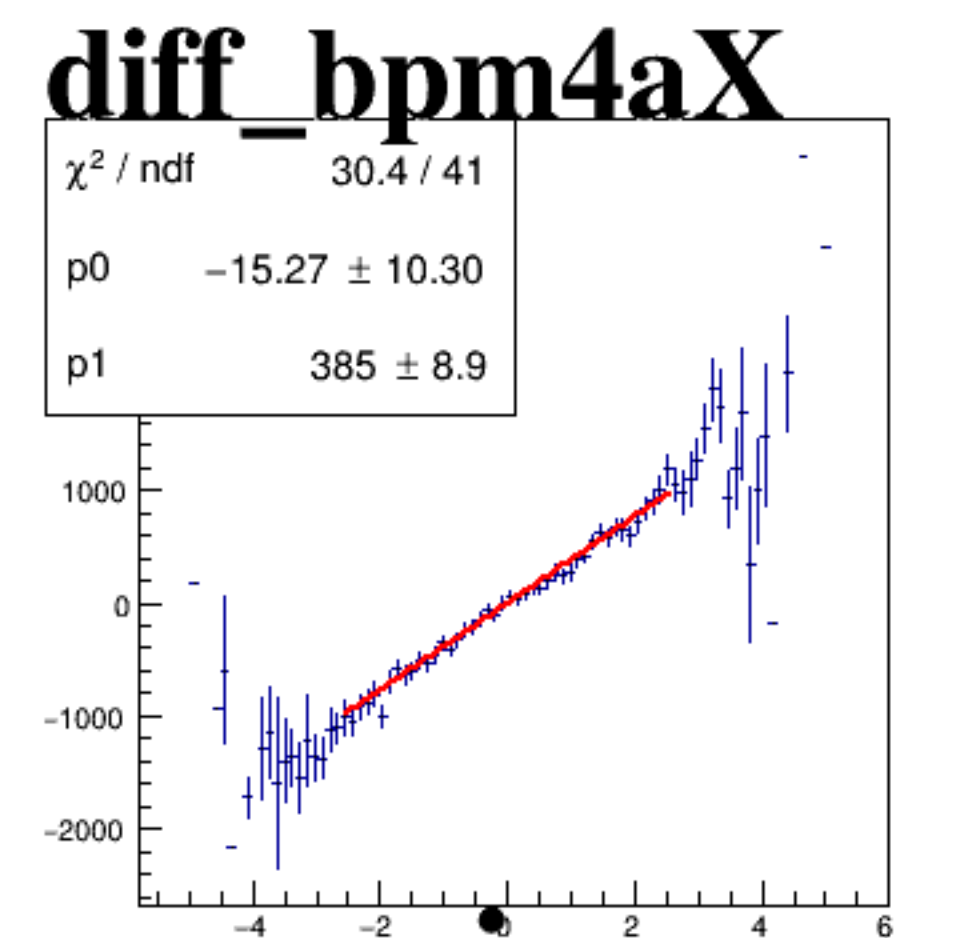
asym_sam3



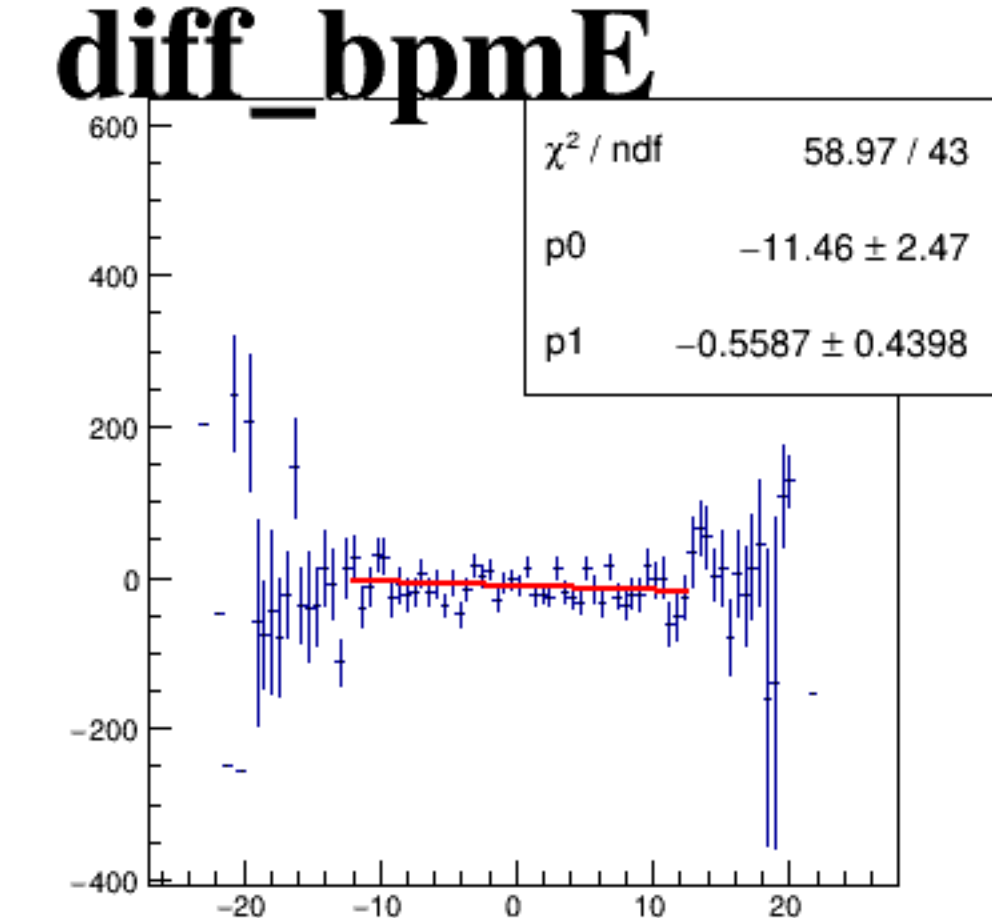
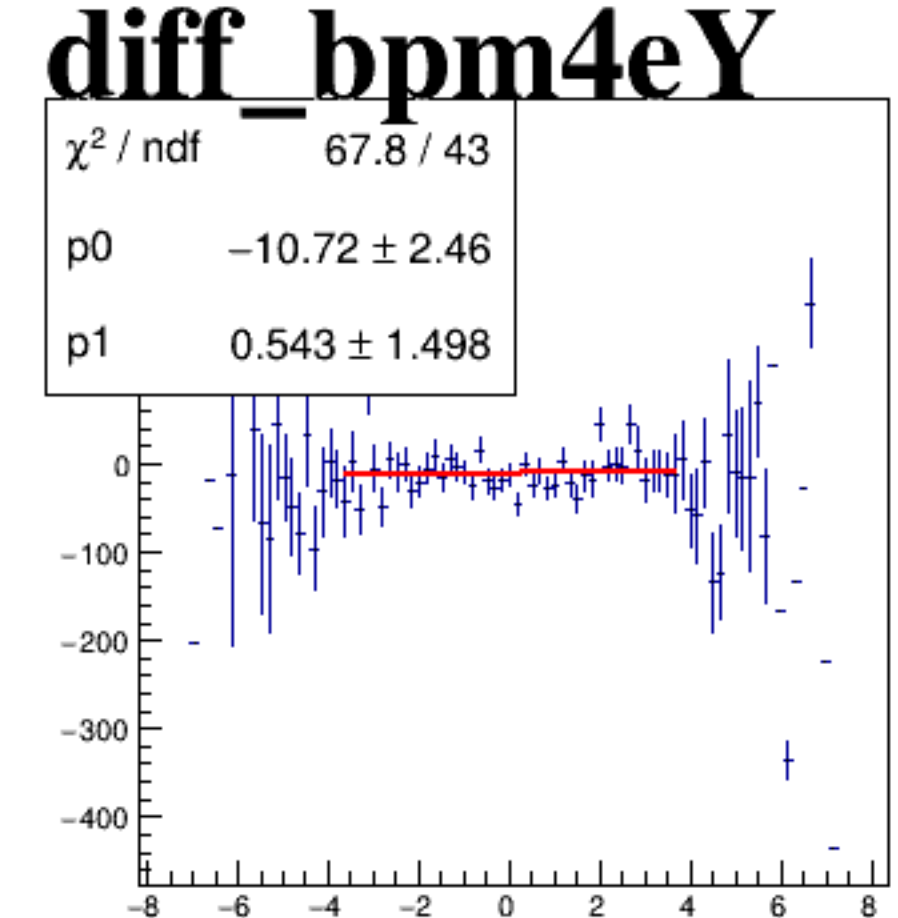
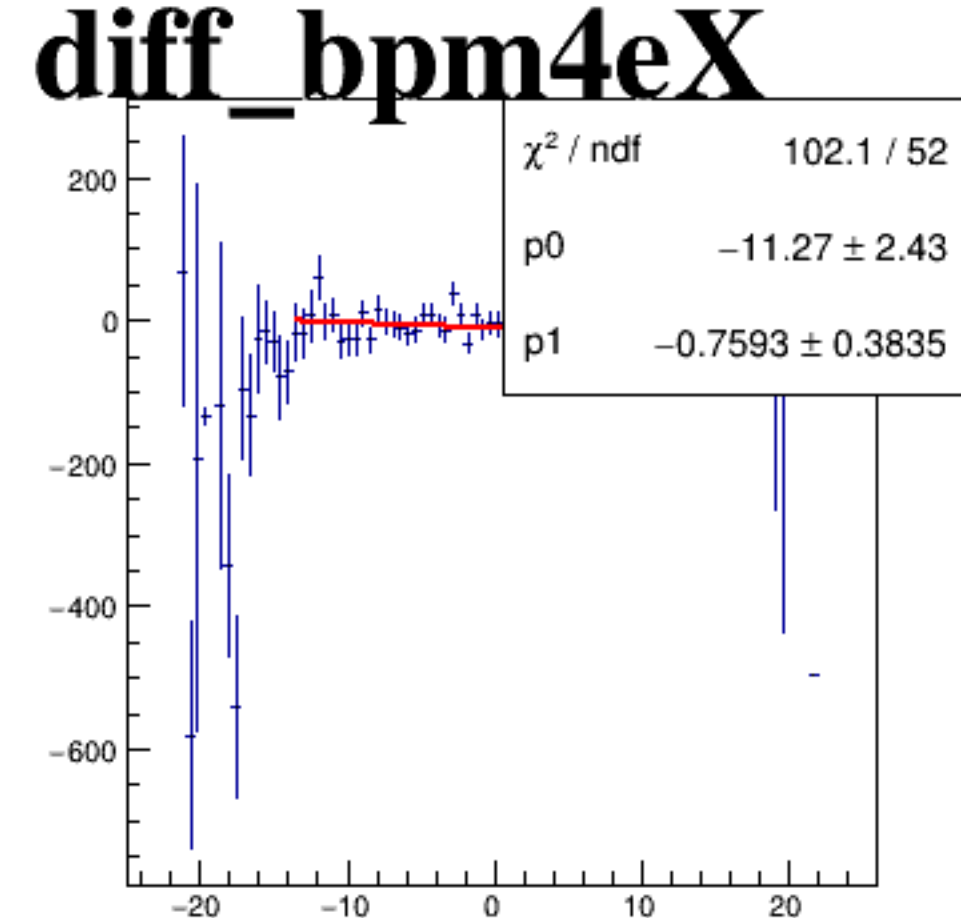
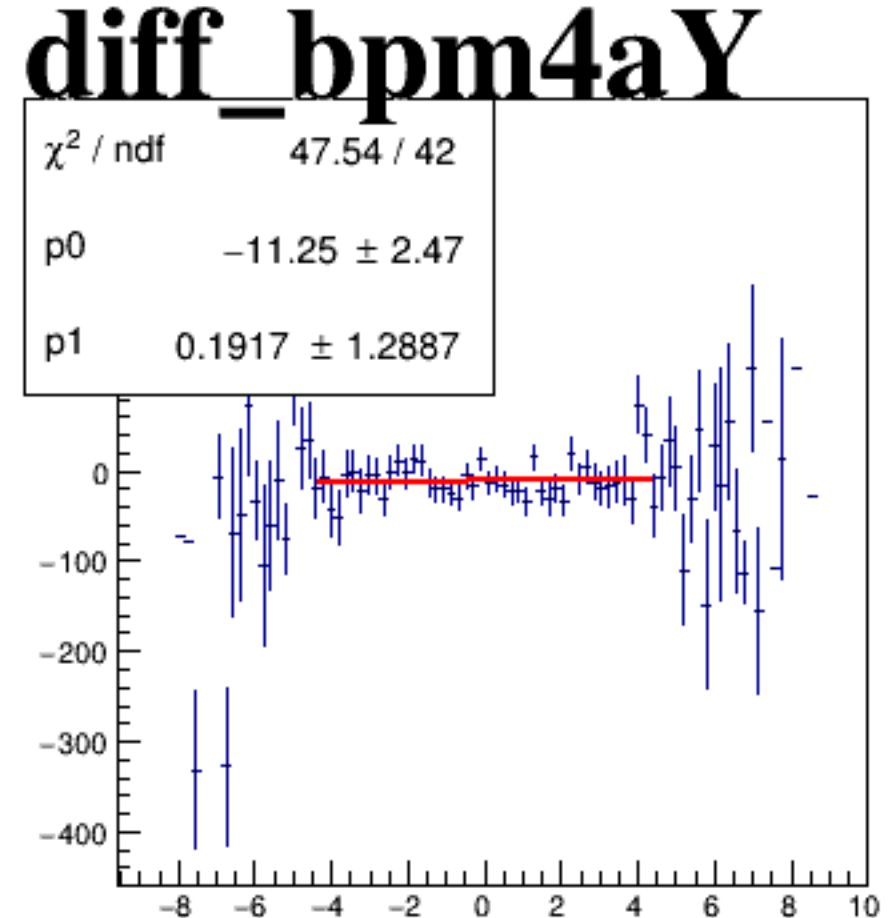
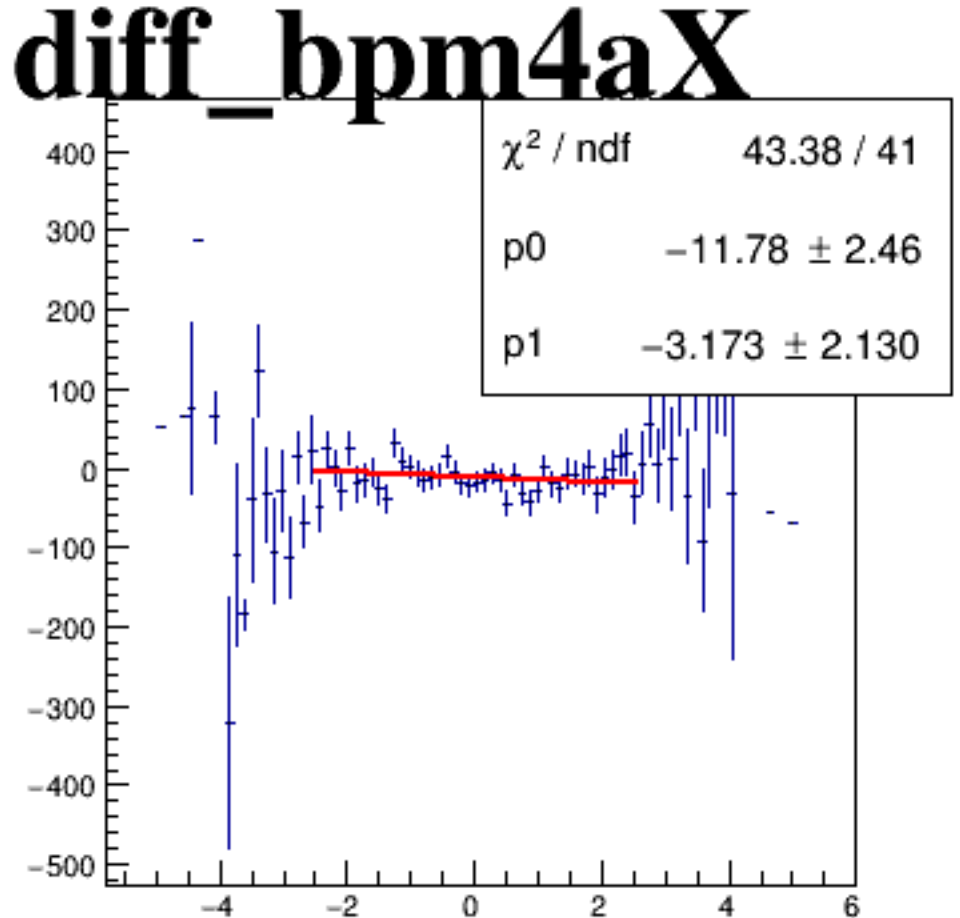
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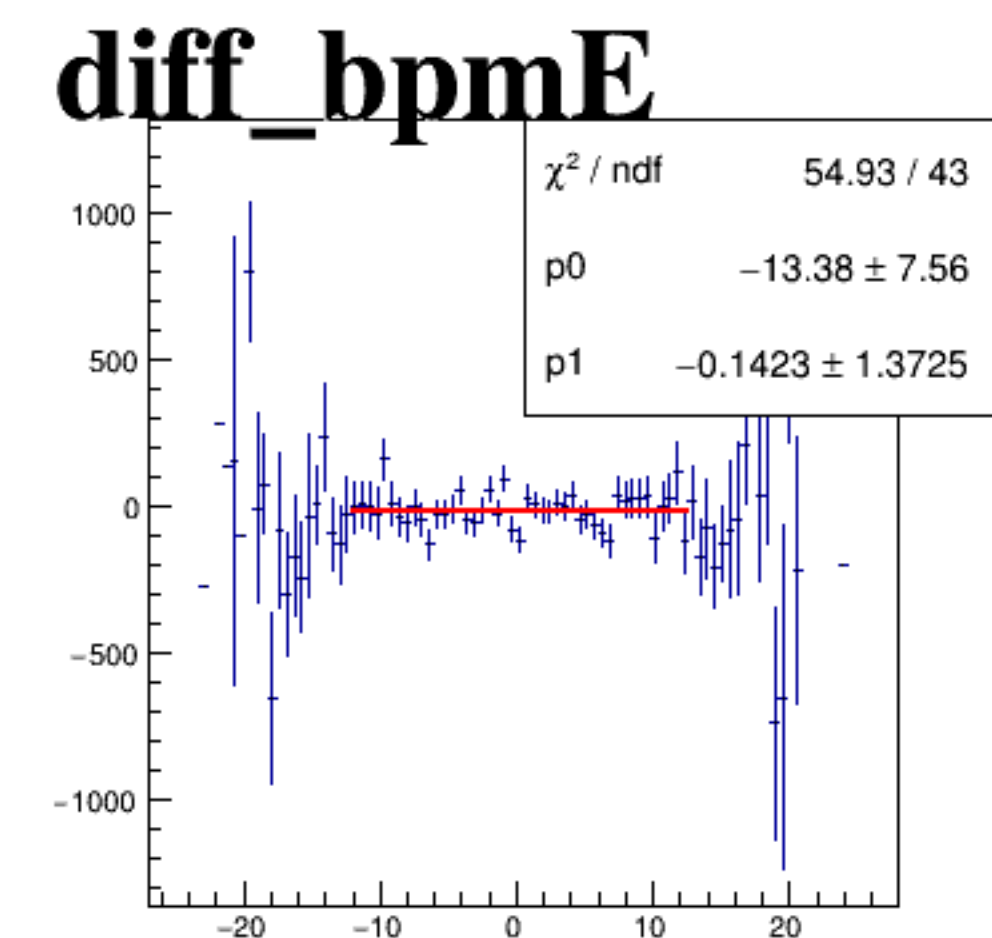
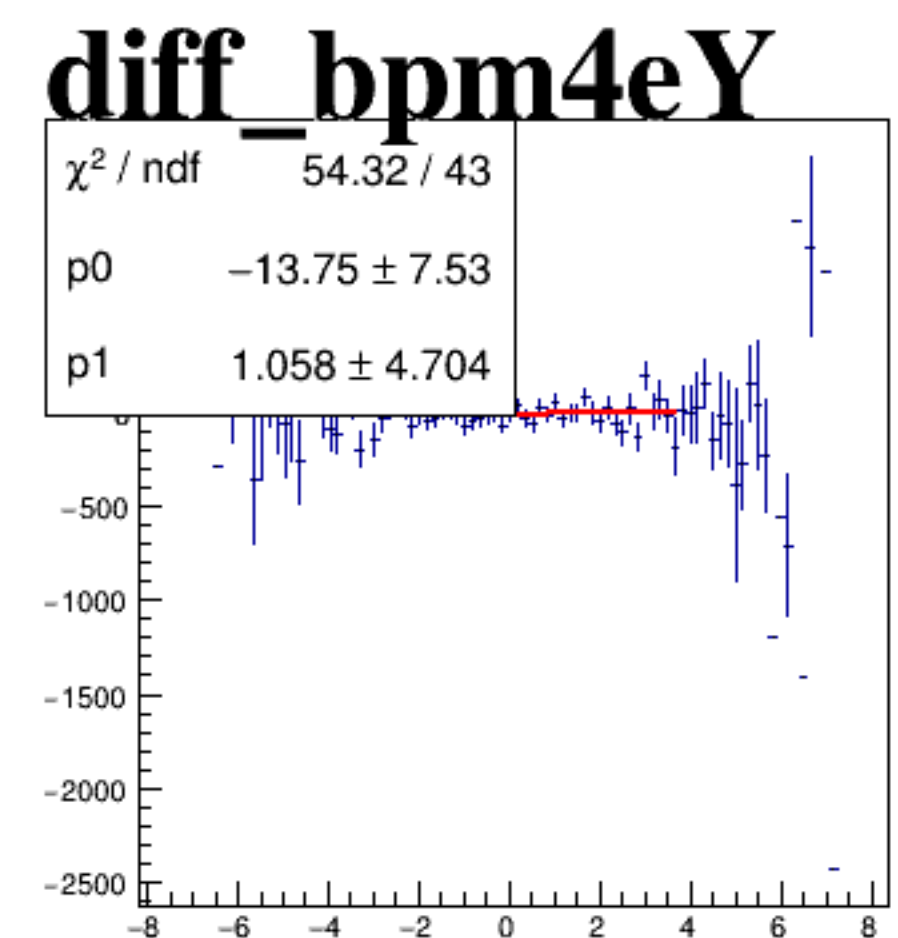
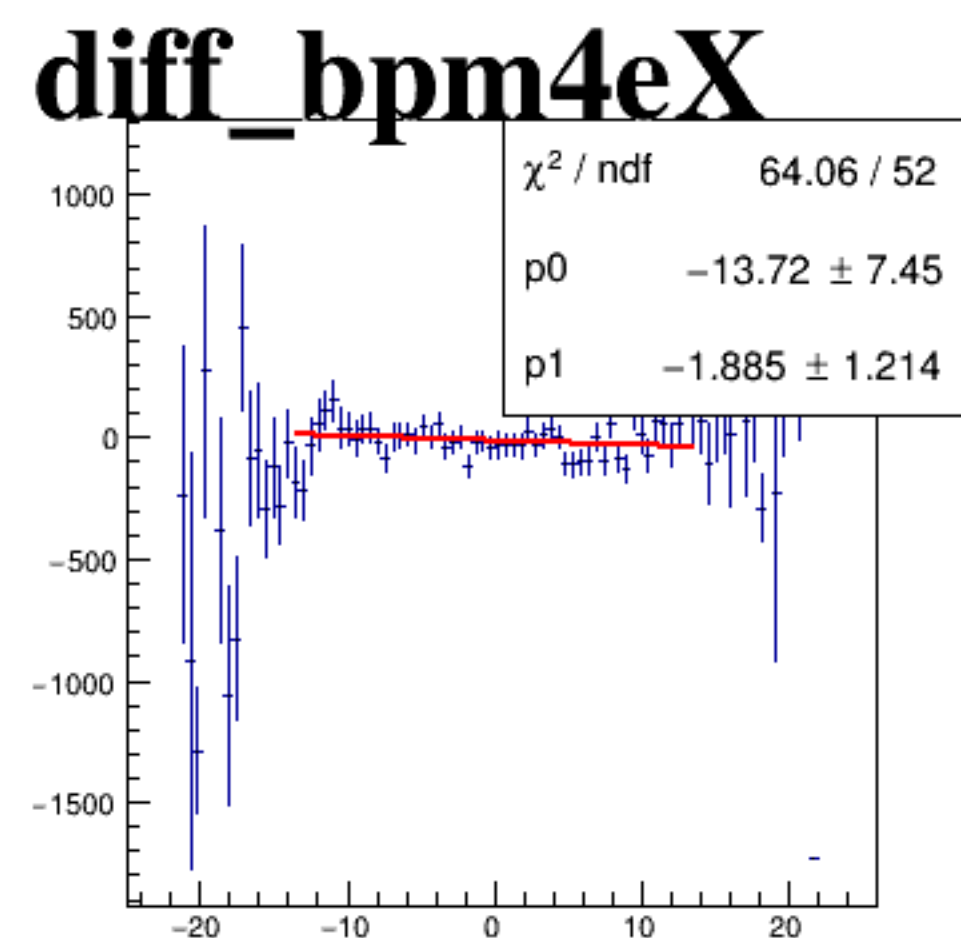
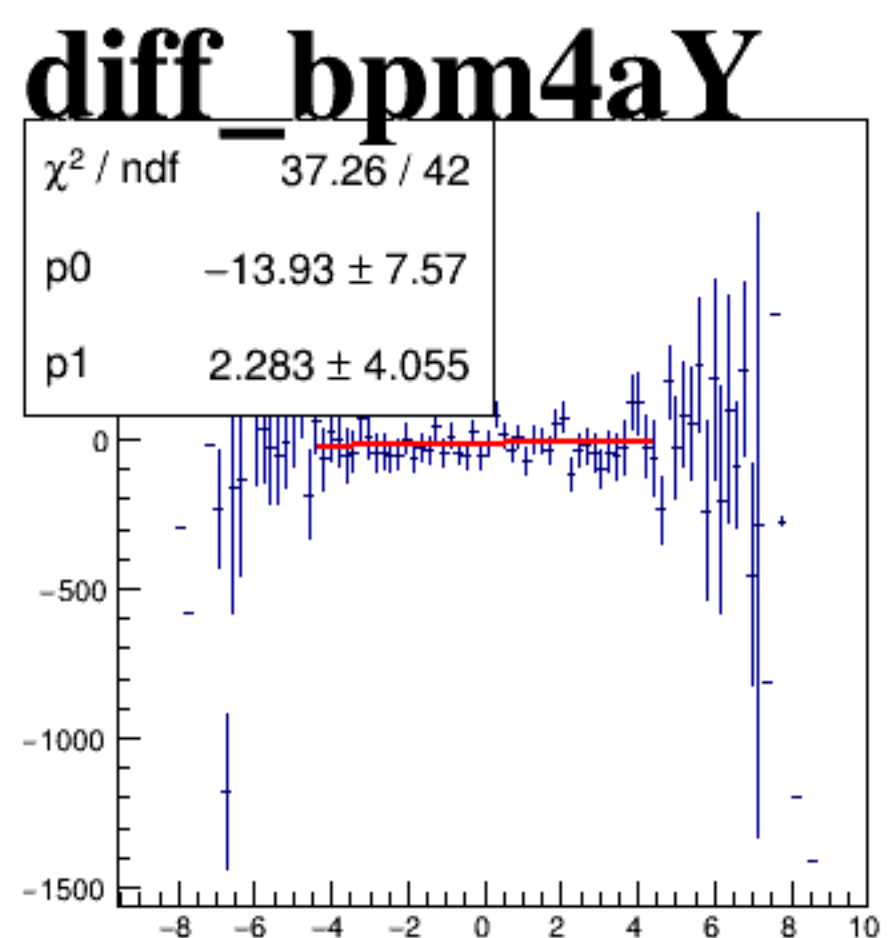
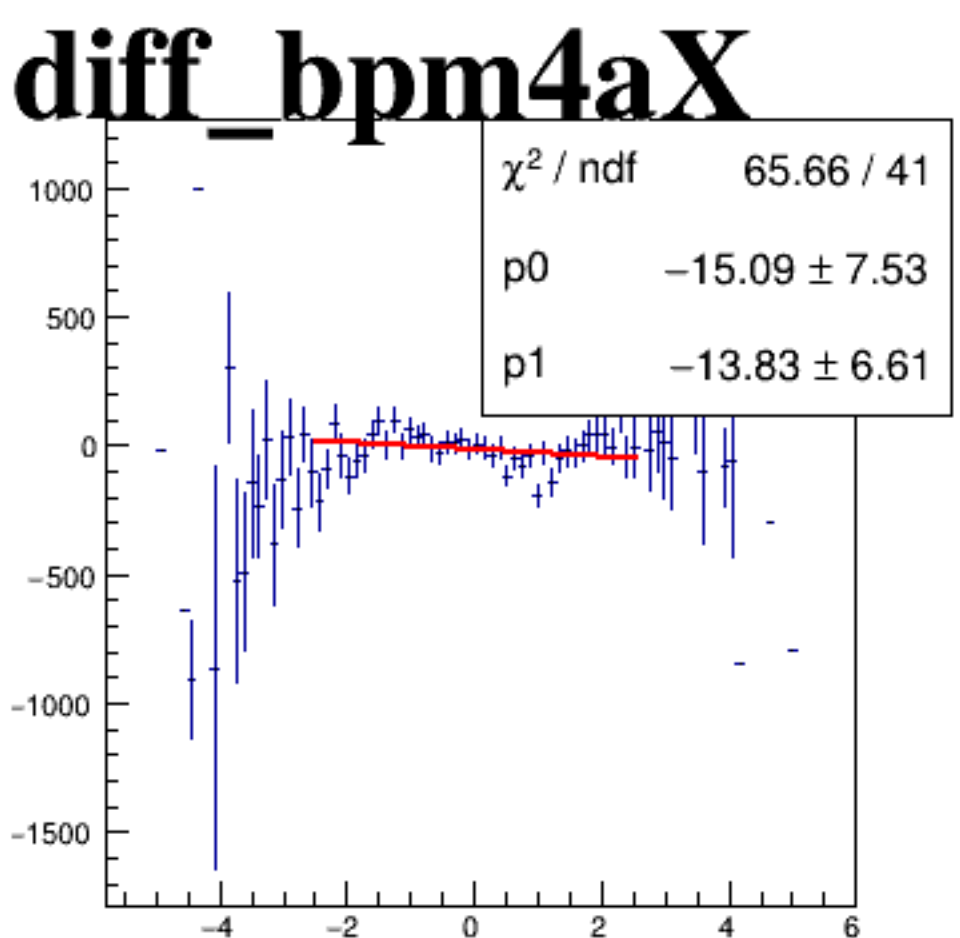
asym_sam7



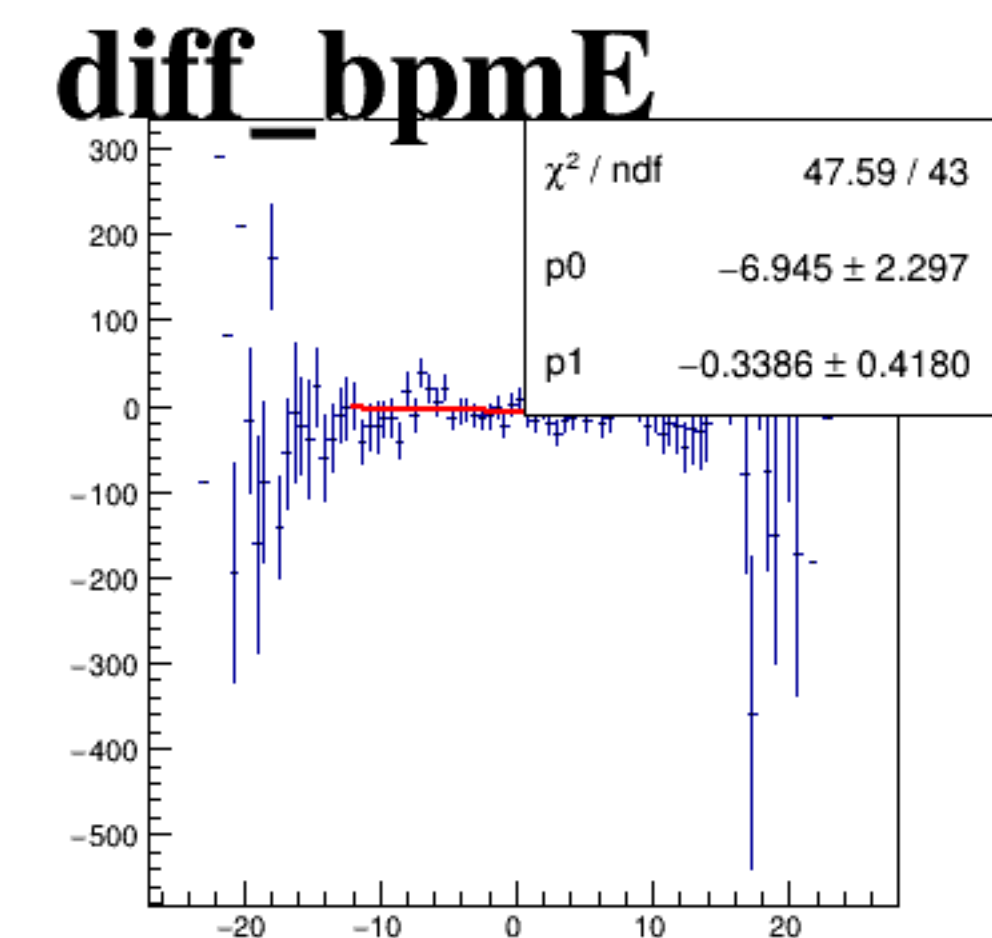
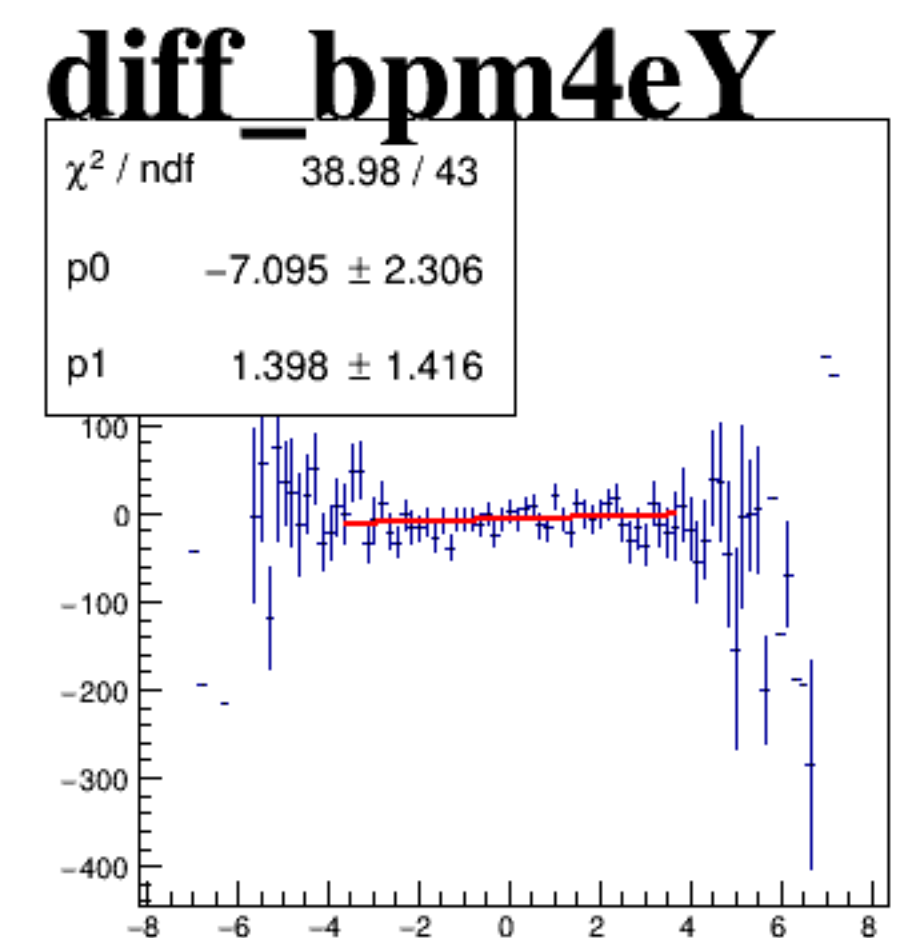
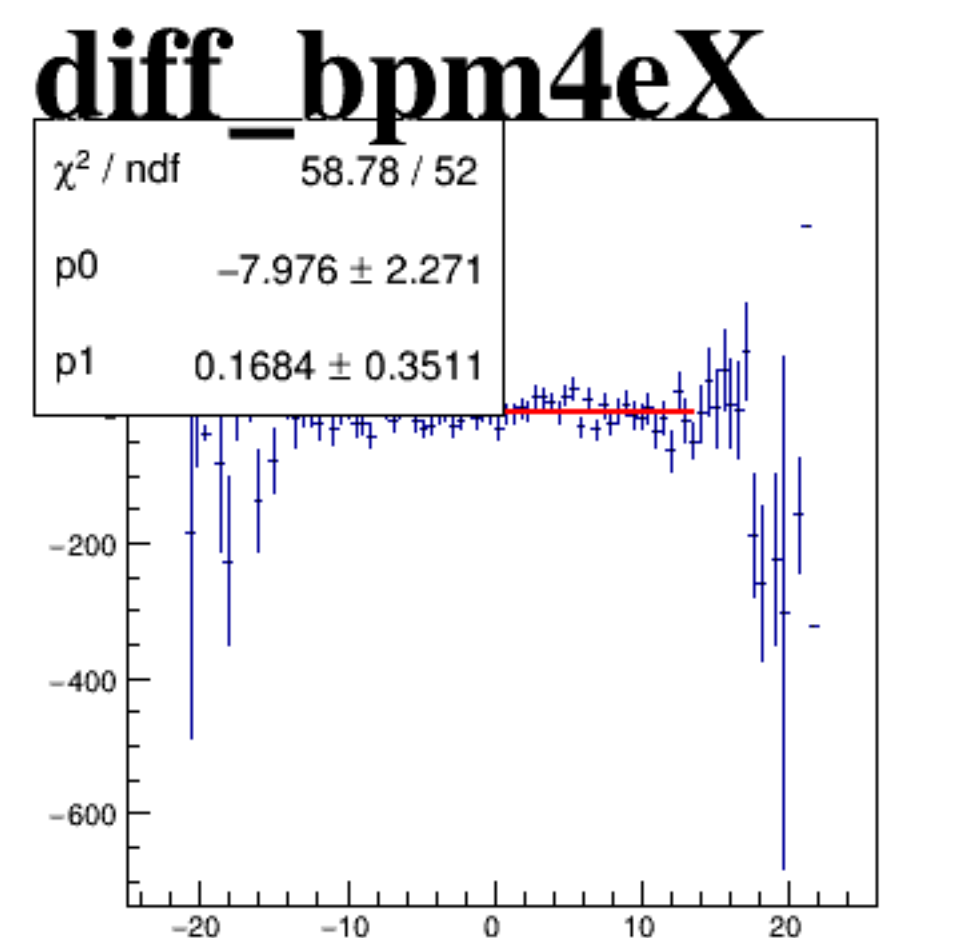
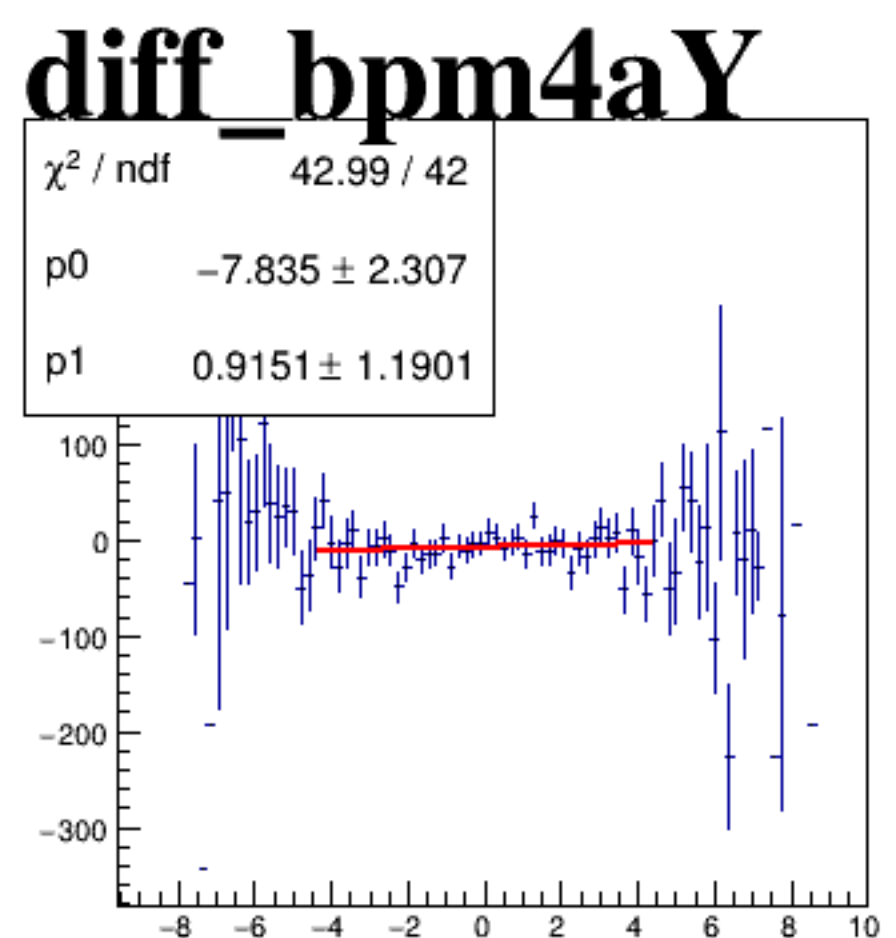
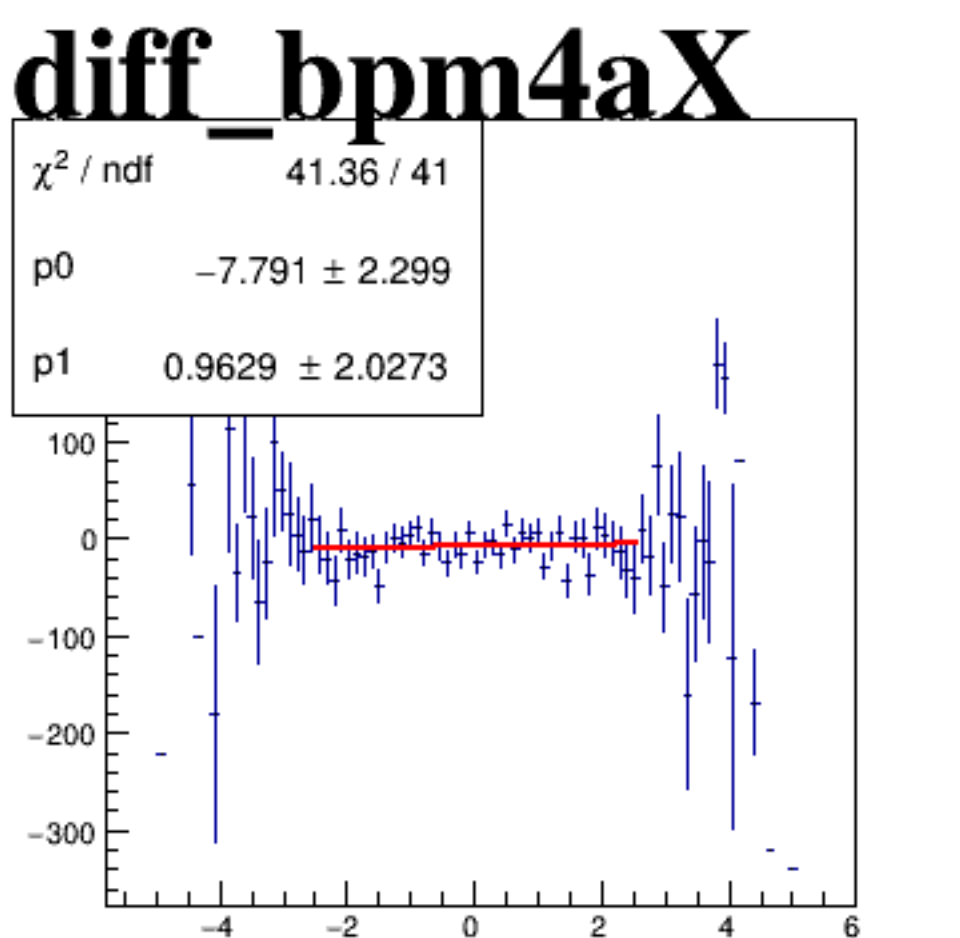
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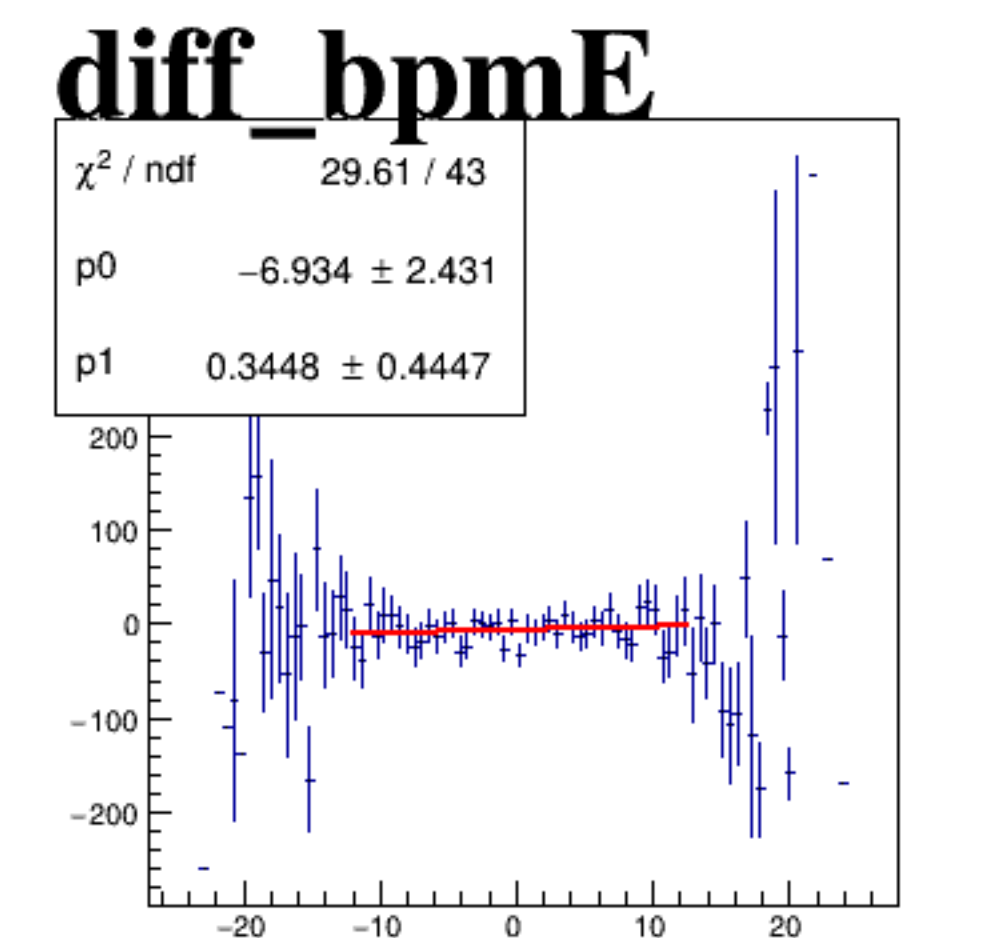
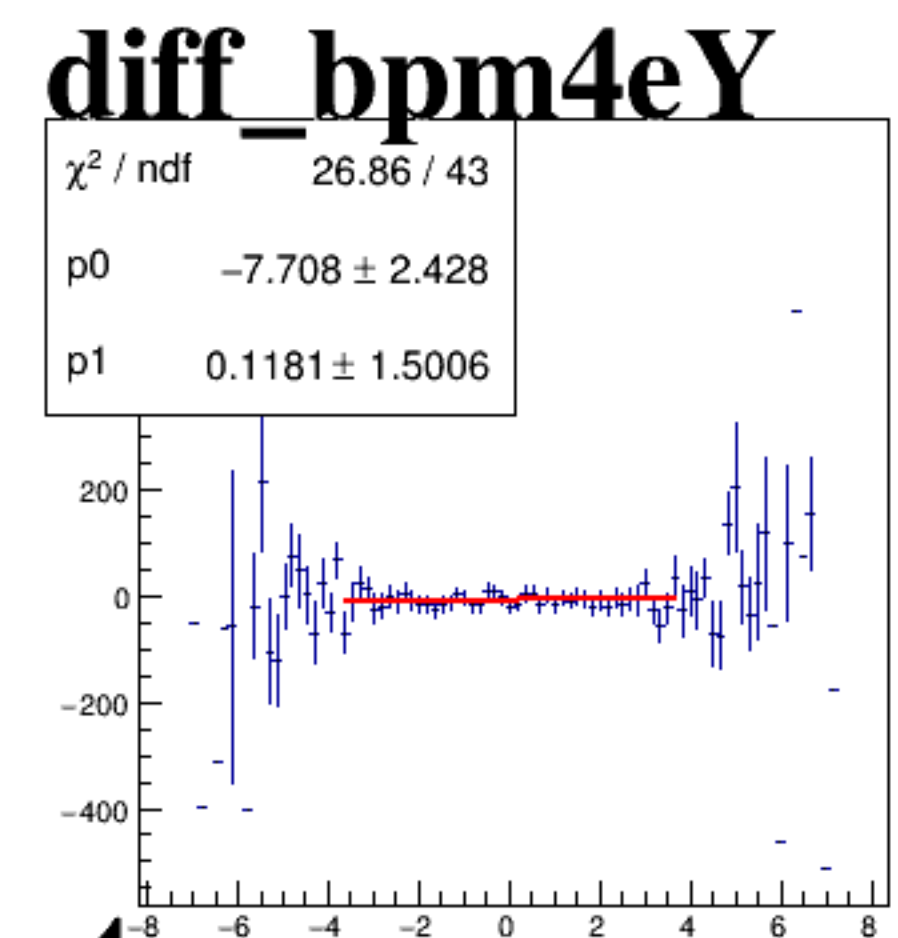
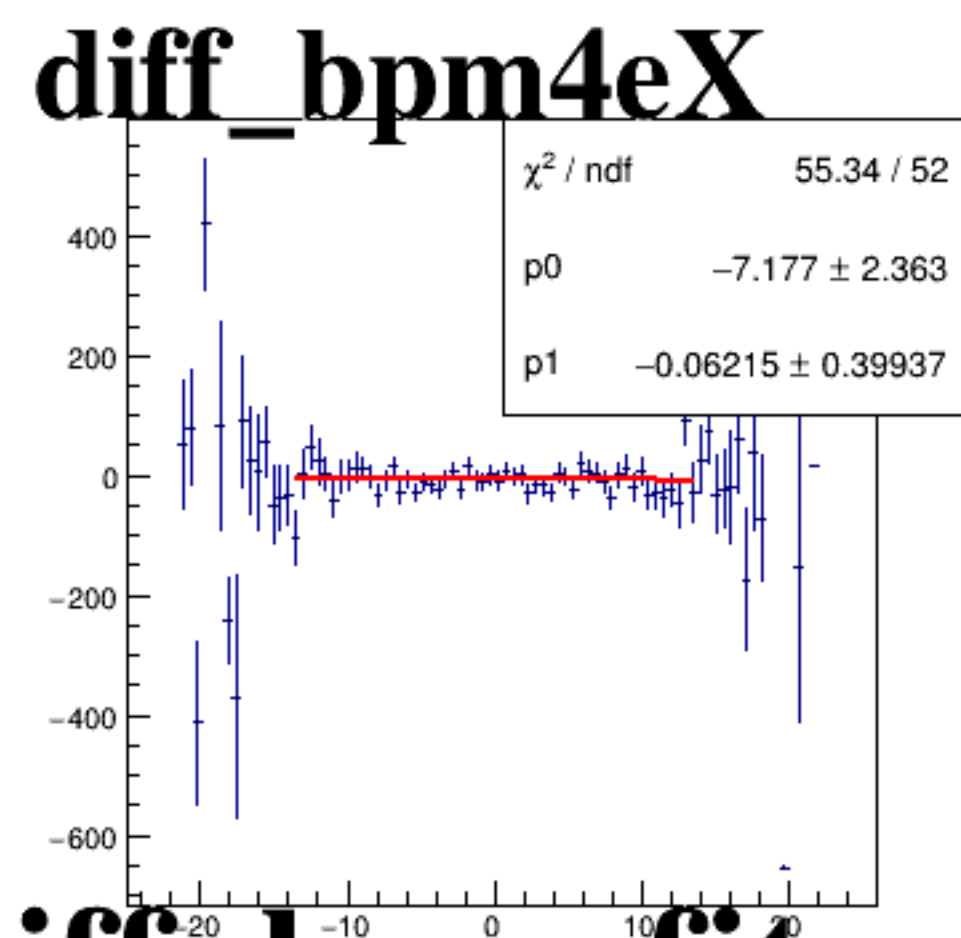
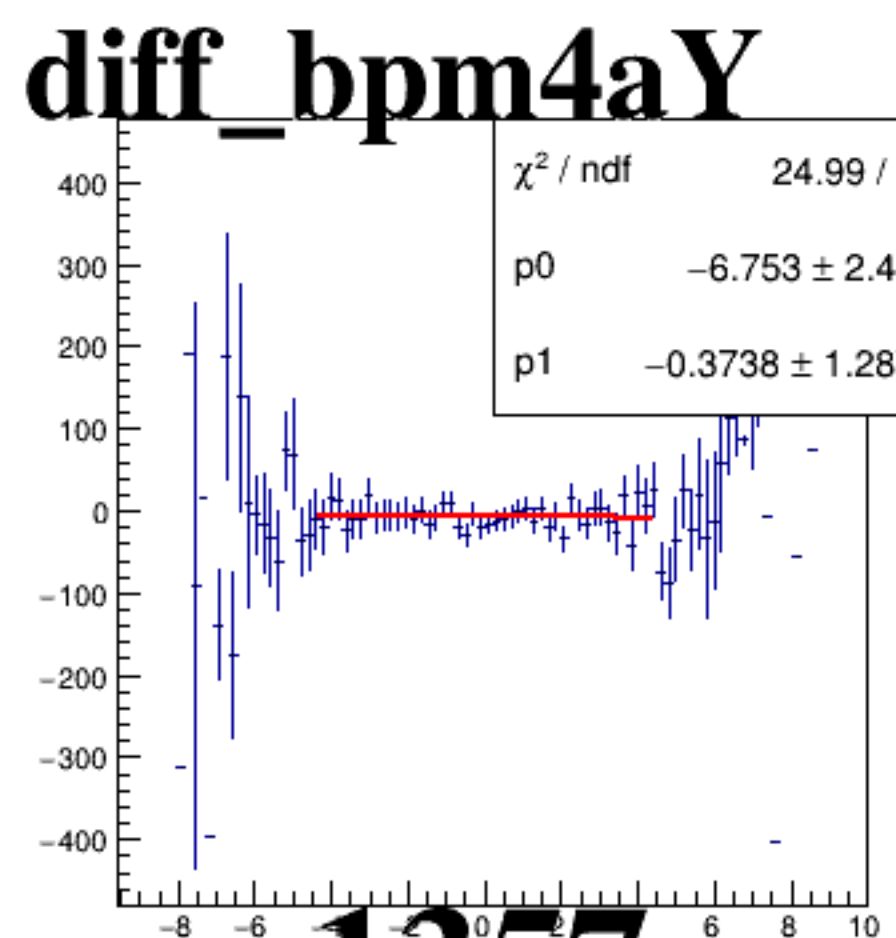
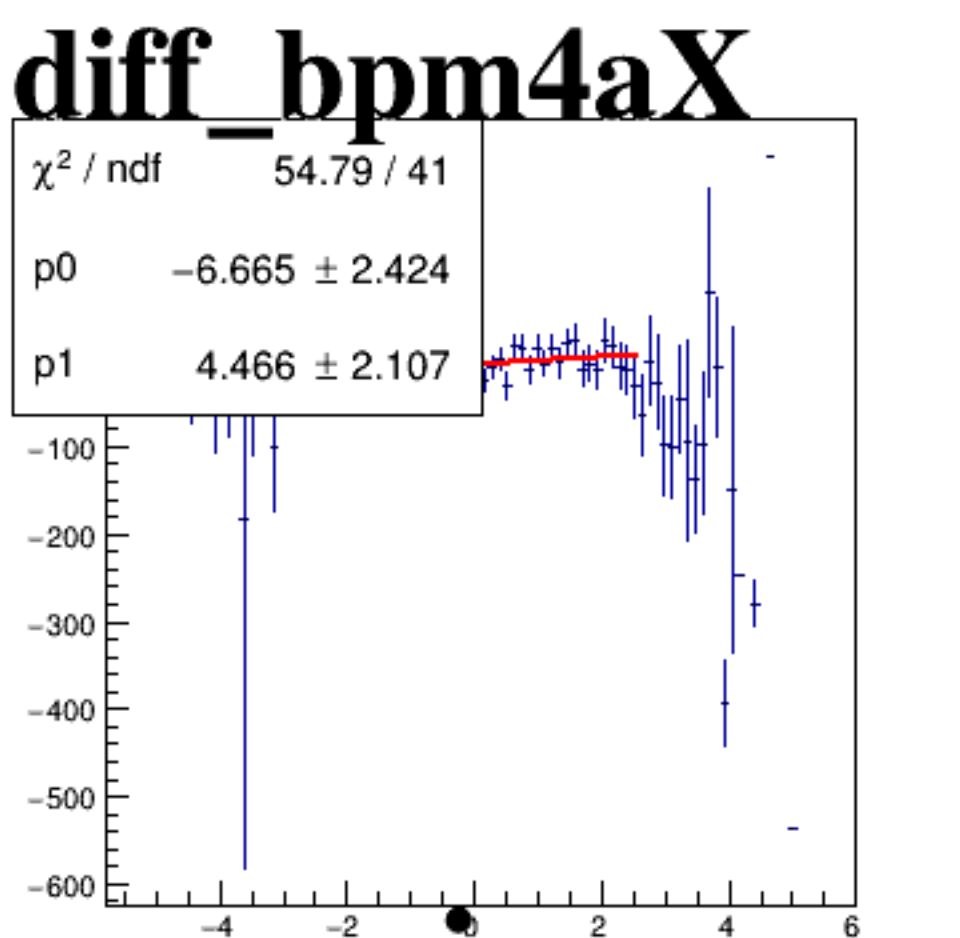
reg_asym_sam3



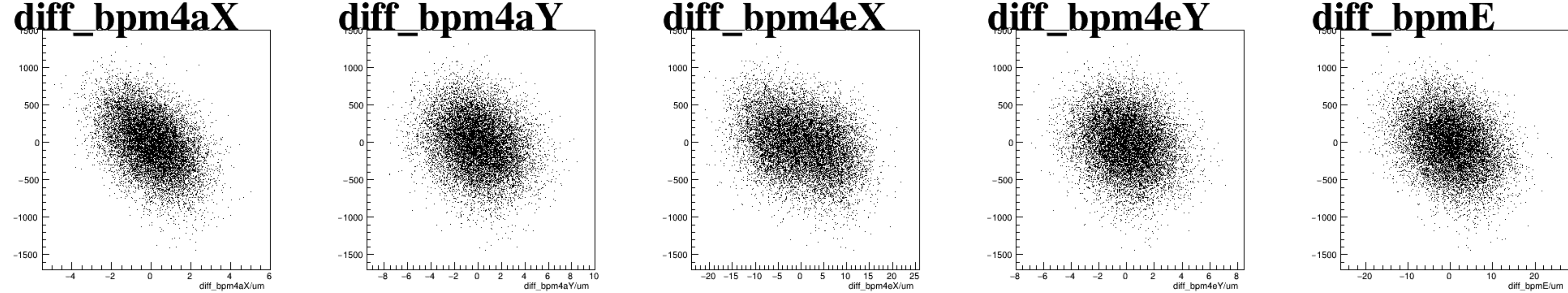
reg_asym_sam5



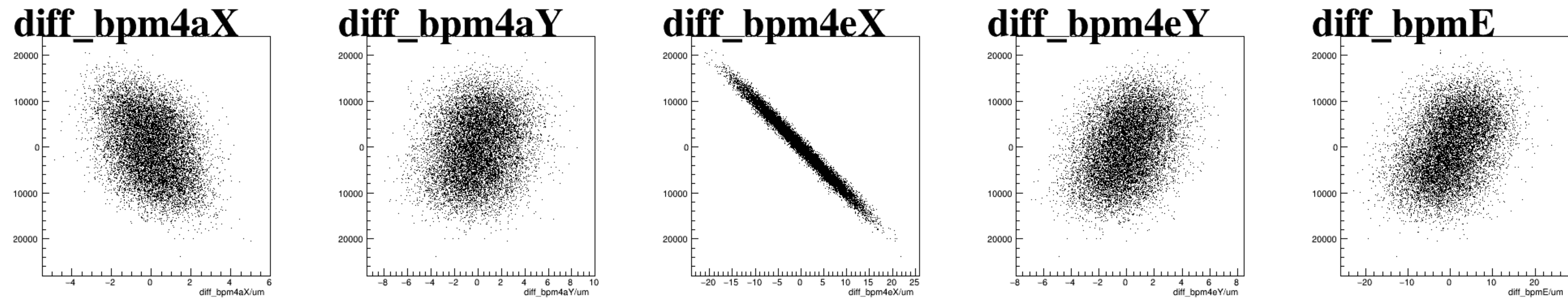
reg_asym_sam7



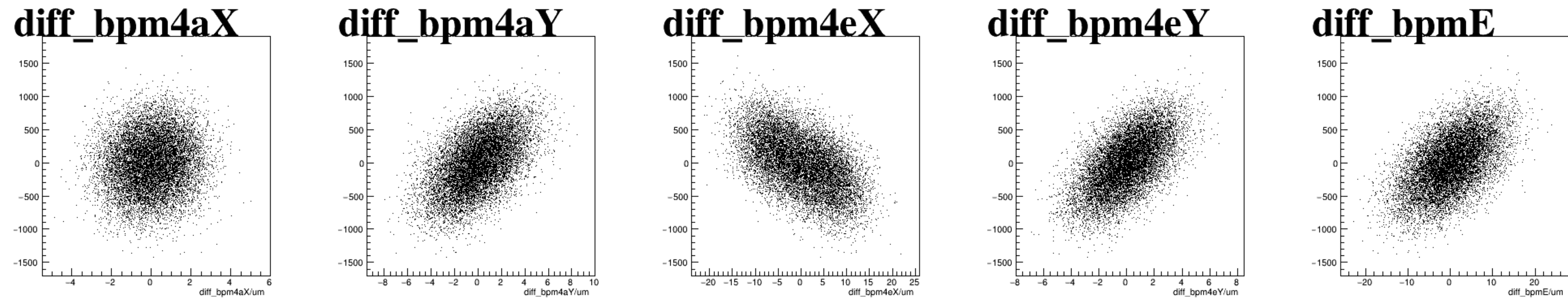
asym_sam1



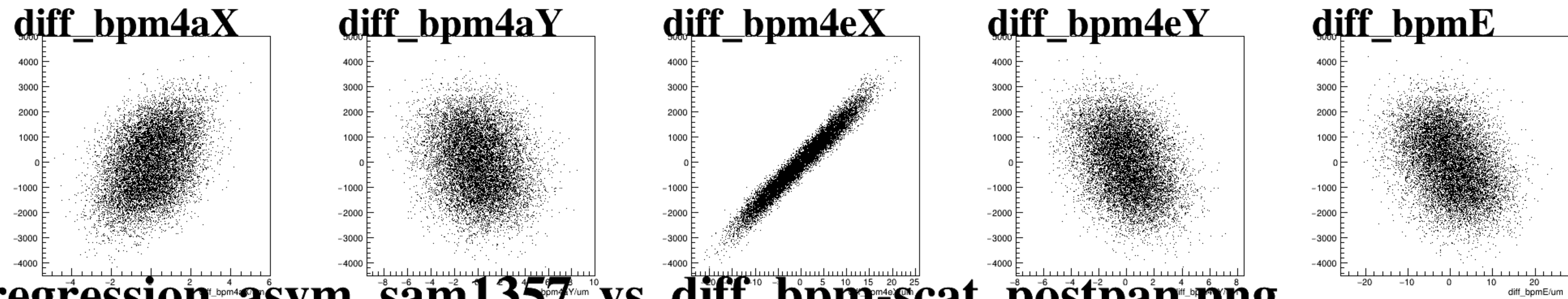
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in position (diff) for a specific beam position monitor (BPM) system. The y-axis for all plots ranges from -1000 to 1000. The x-axis for each plot is labeled with the difference in position in micrometers (um).

- diff_bpm4aX**: The x-axis ranges from -4 to 6. The data points are centered around 0.
- diff_bpm4aY**: The x-axis ranges from -8 to 10. The data points are centered around 0.
- diff_bpm4eX**: The x-axis ranges from -20 to 25. The data points are centered around 0.
- diff_bpm4eY**: The x-axis ranges from -8 to 8. The data points are centered around 0.
- diff_bpmE**: The x-axis ranges from -20 to 20. The data points are centered around 0.

diff_bpm4aX

diff_bpm4aY

diff_bpm4eX

diff_bpm4eY

diff_bpmE