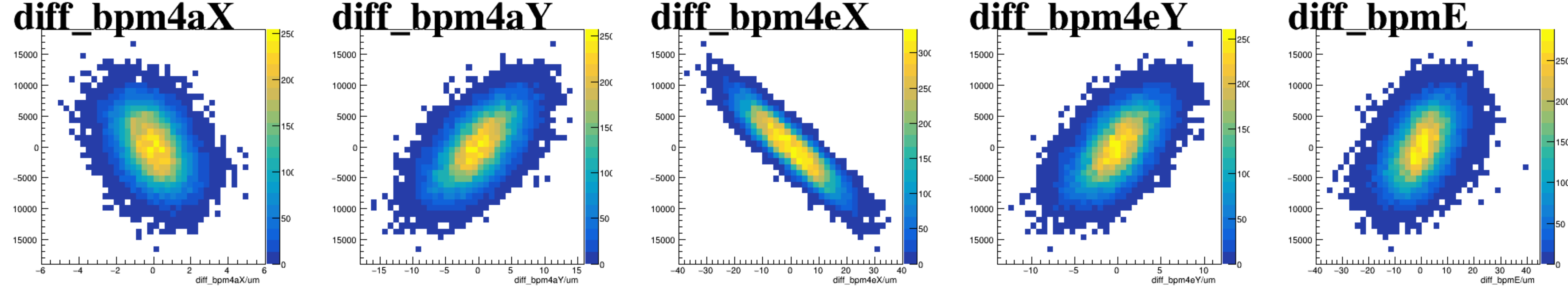
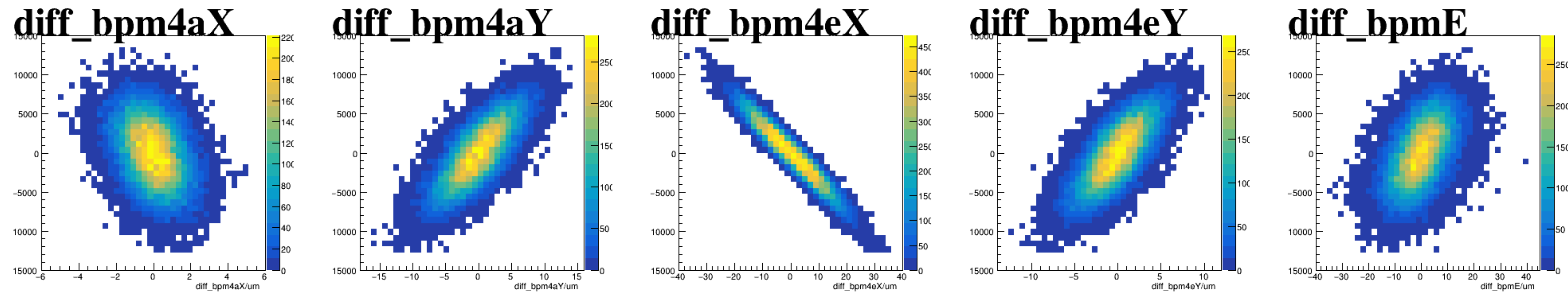


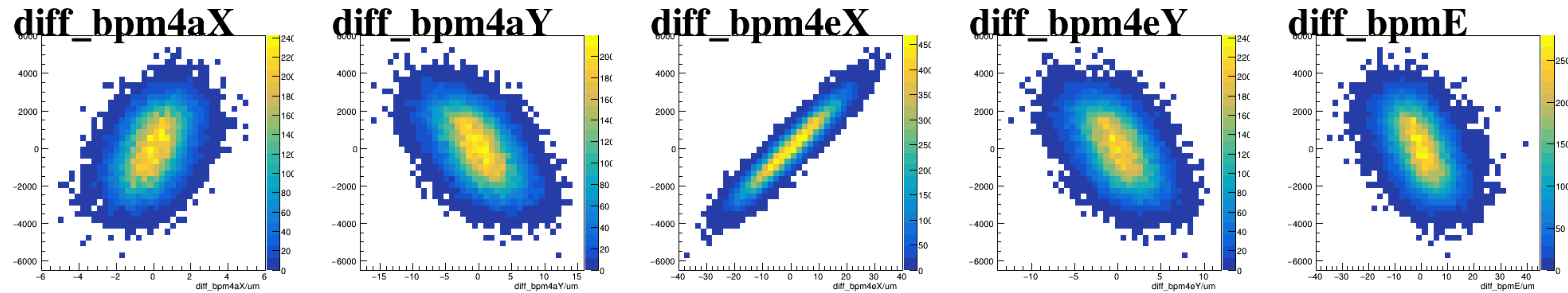
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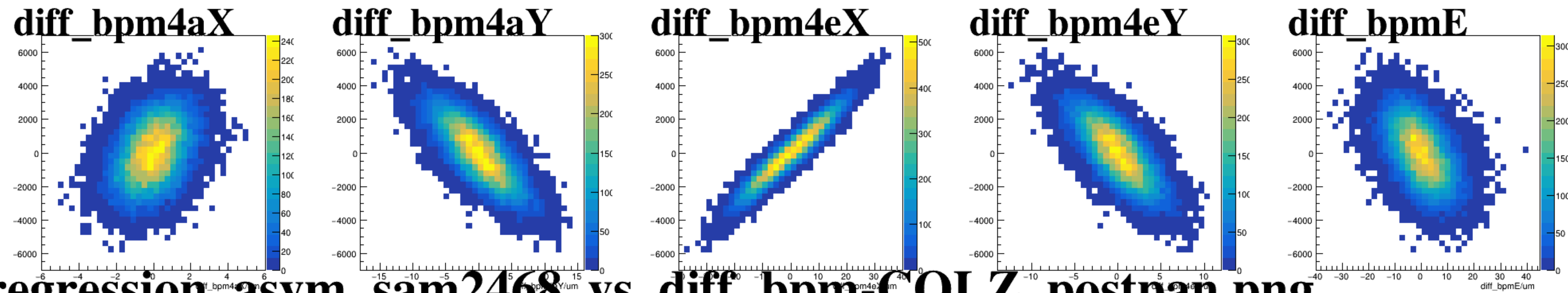
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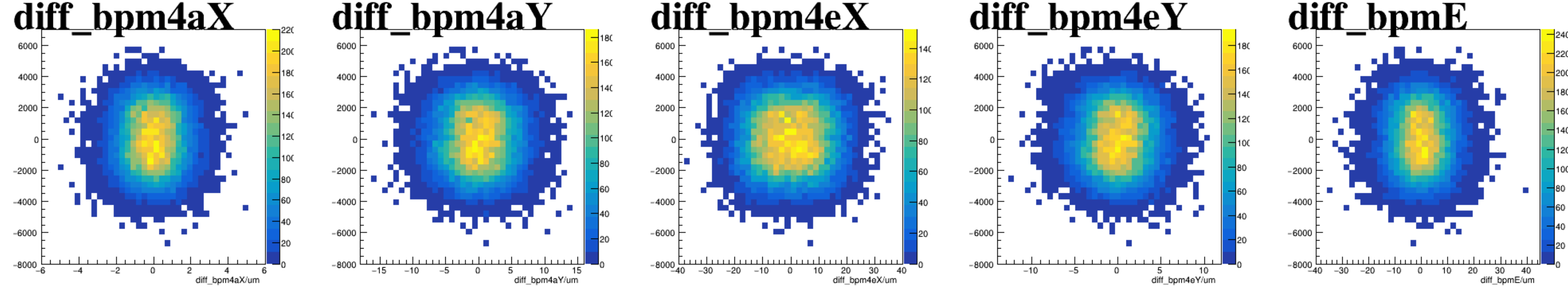
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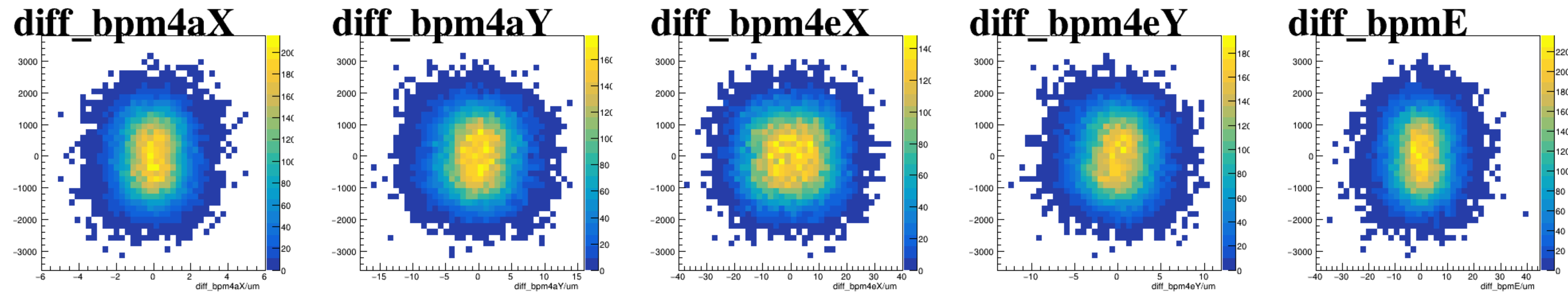
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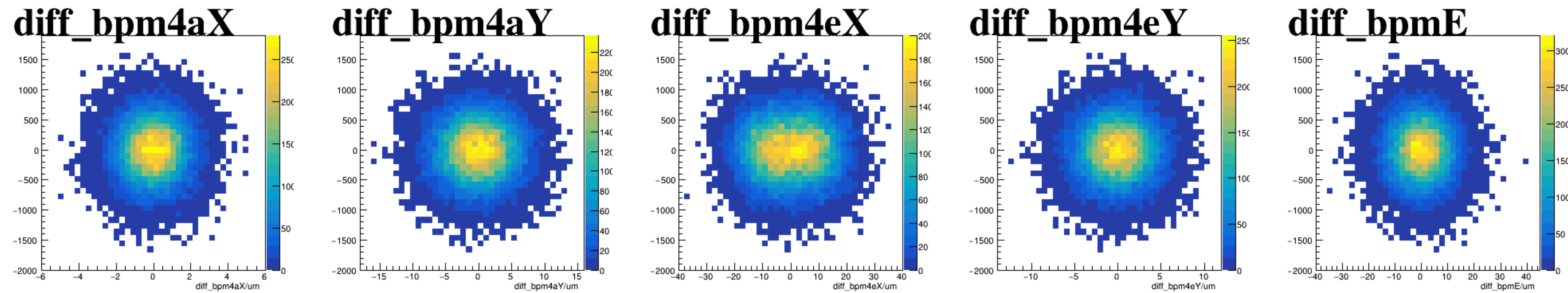
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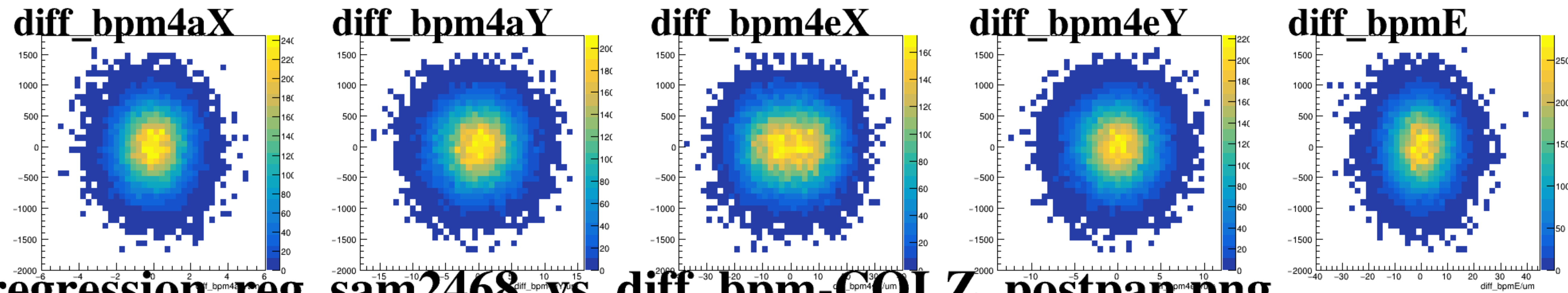
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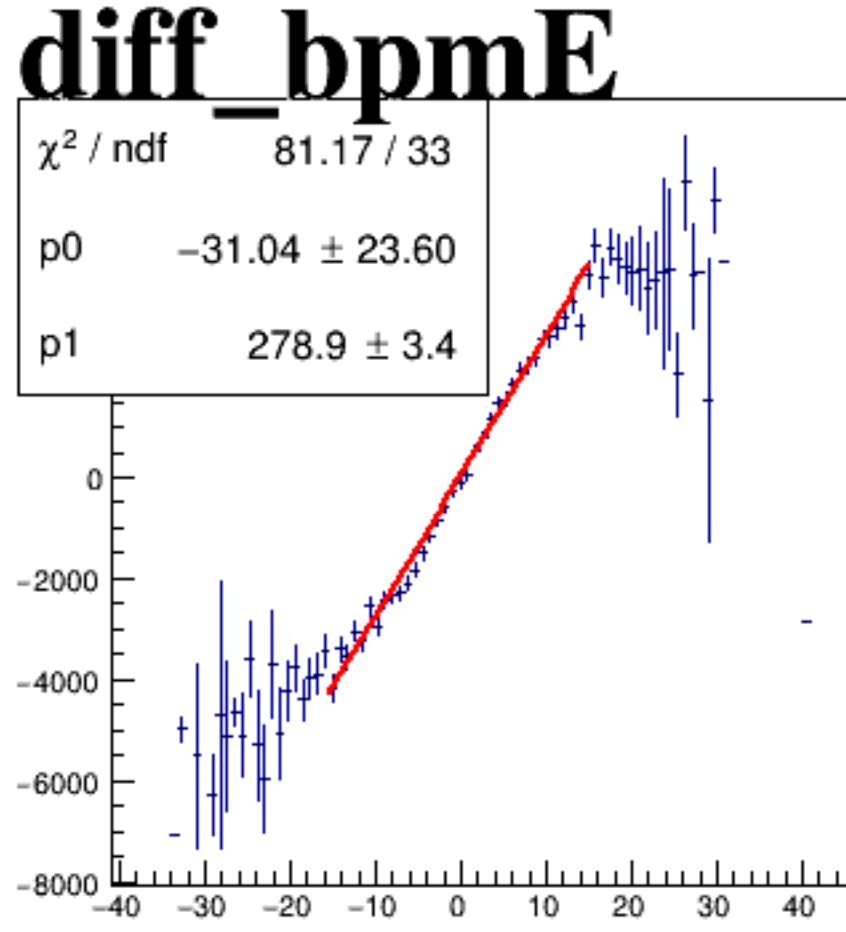
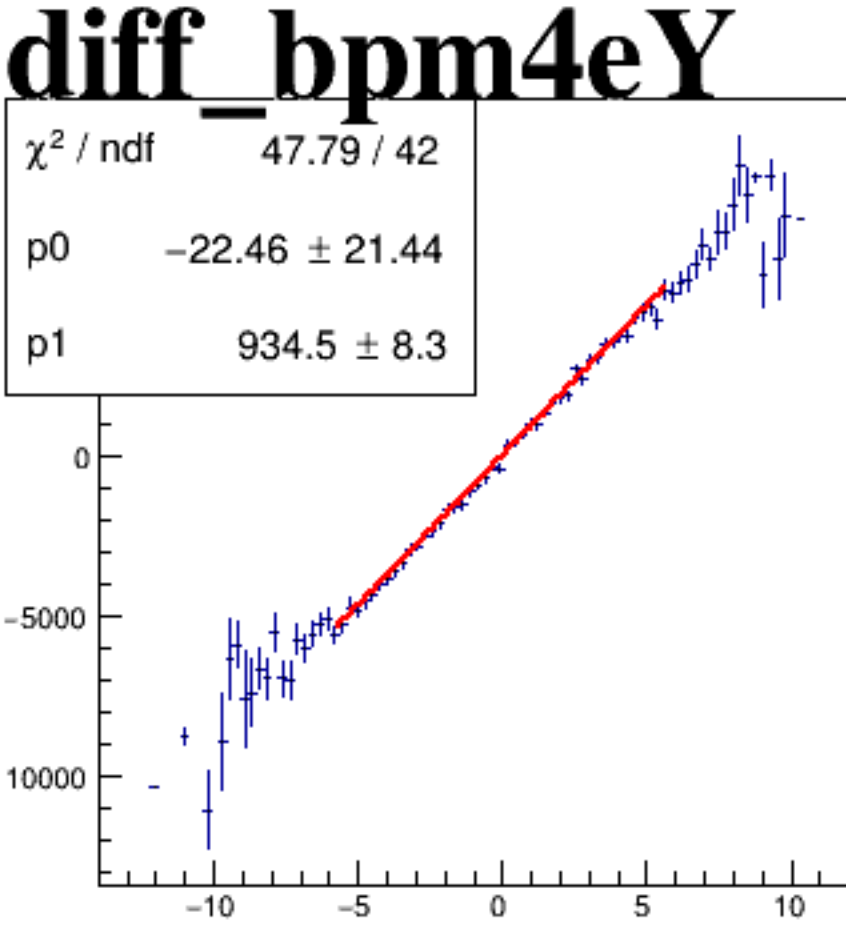
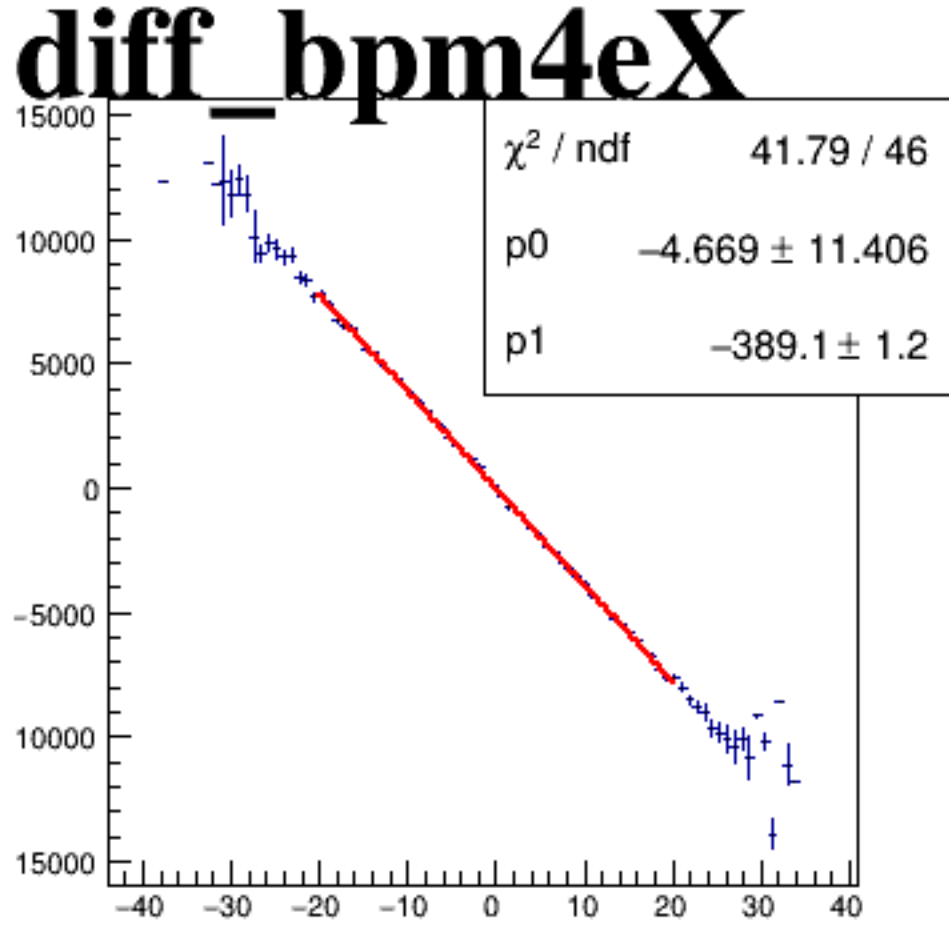
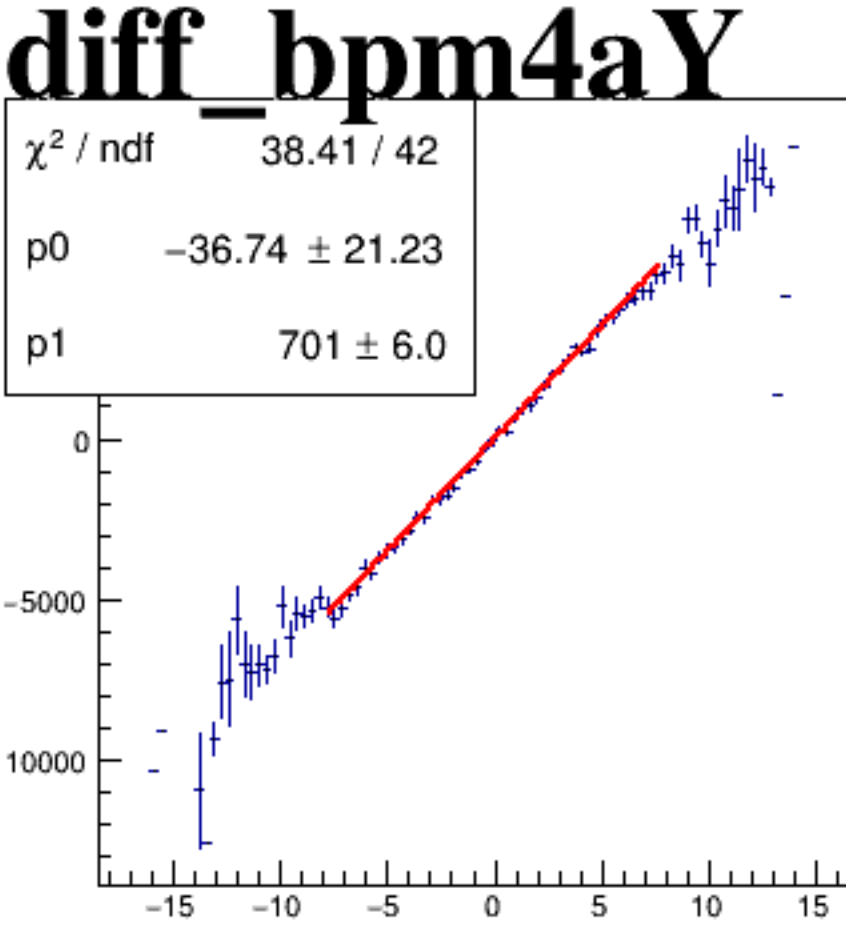
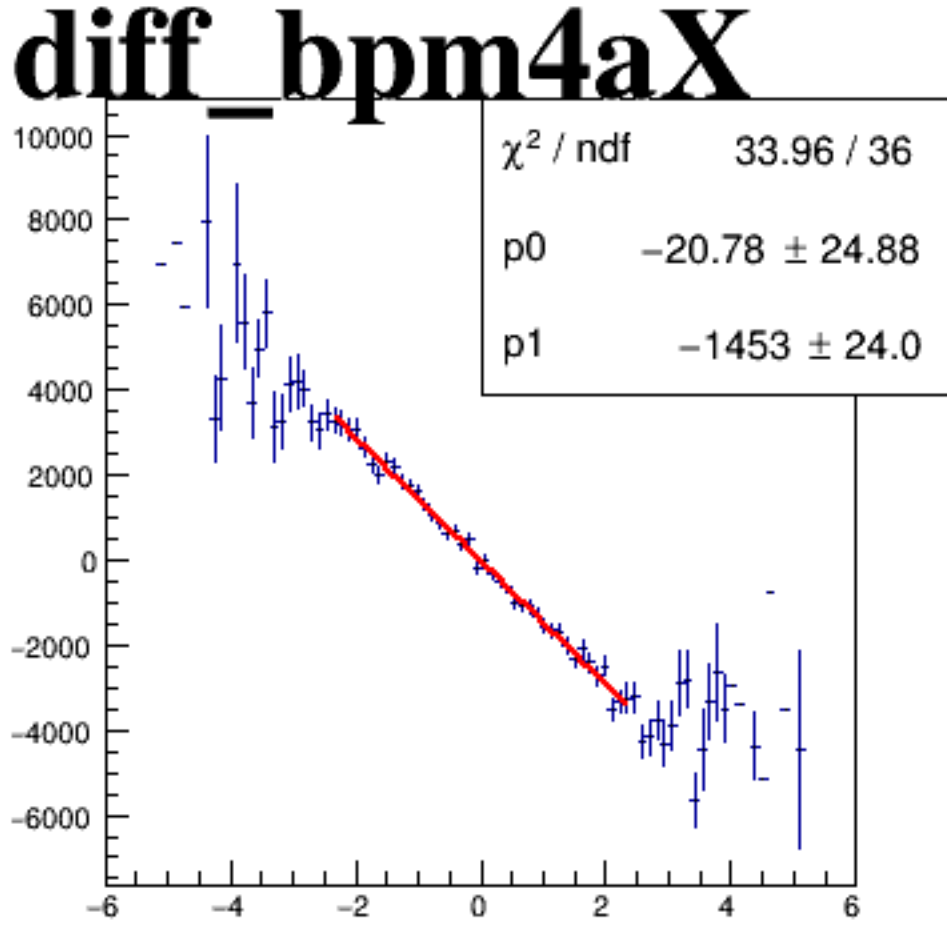
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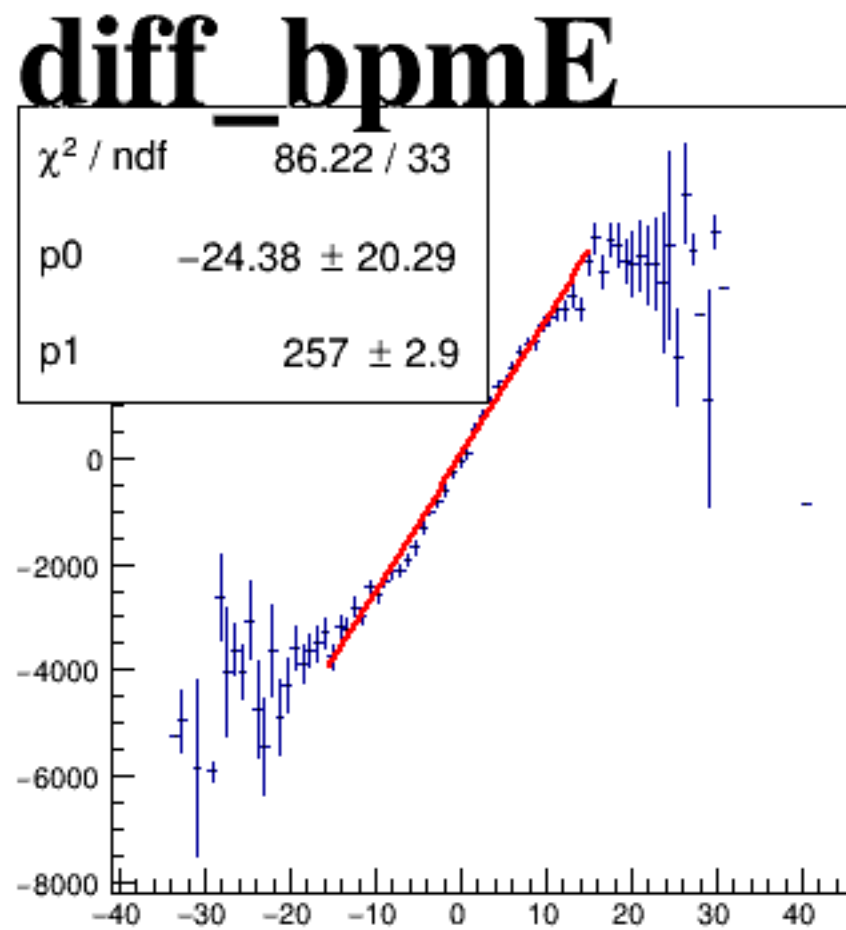
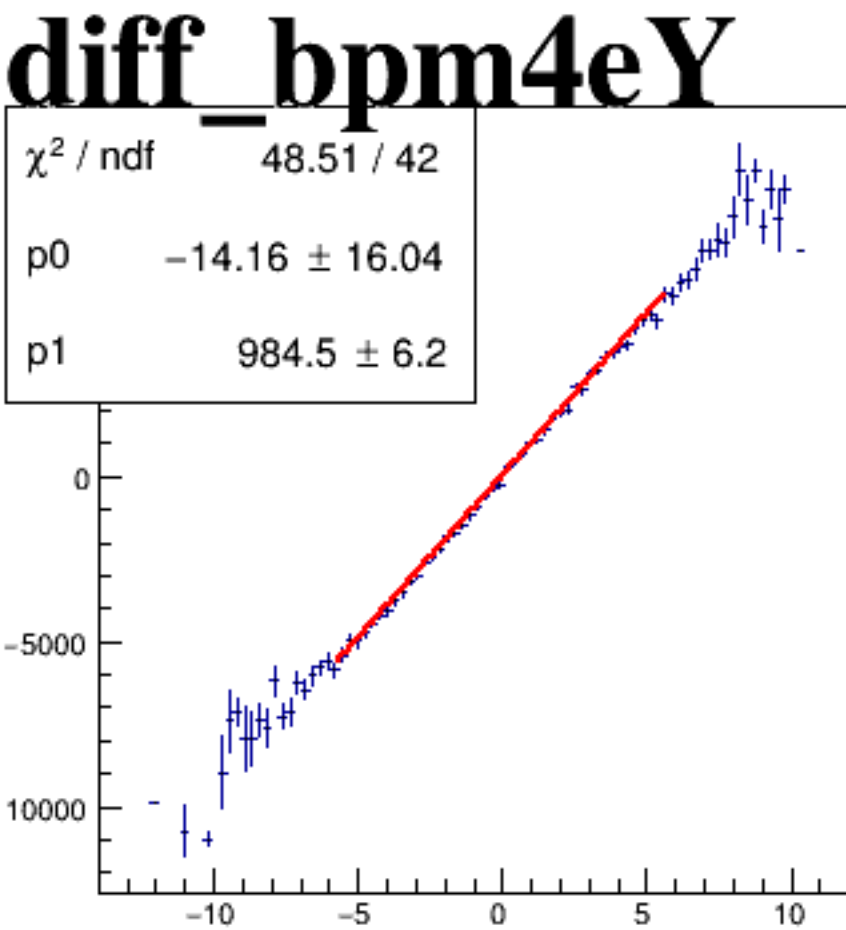
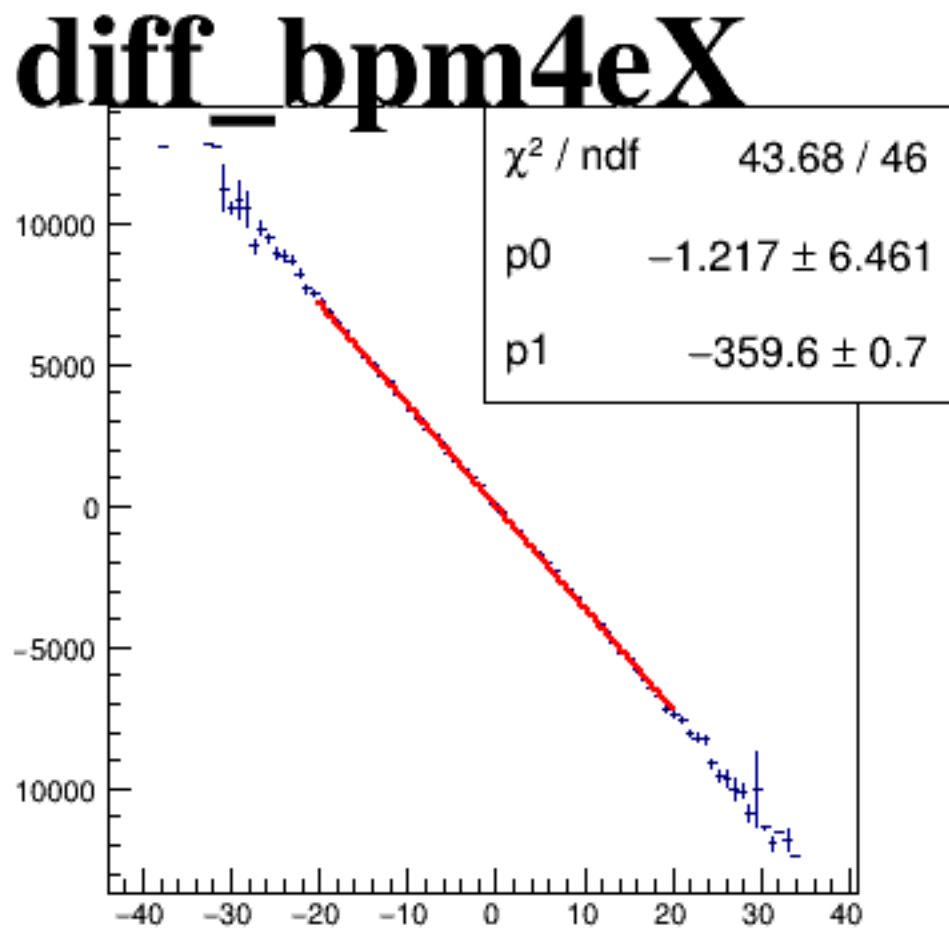
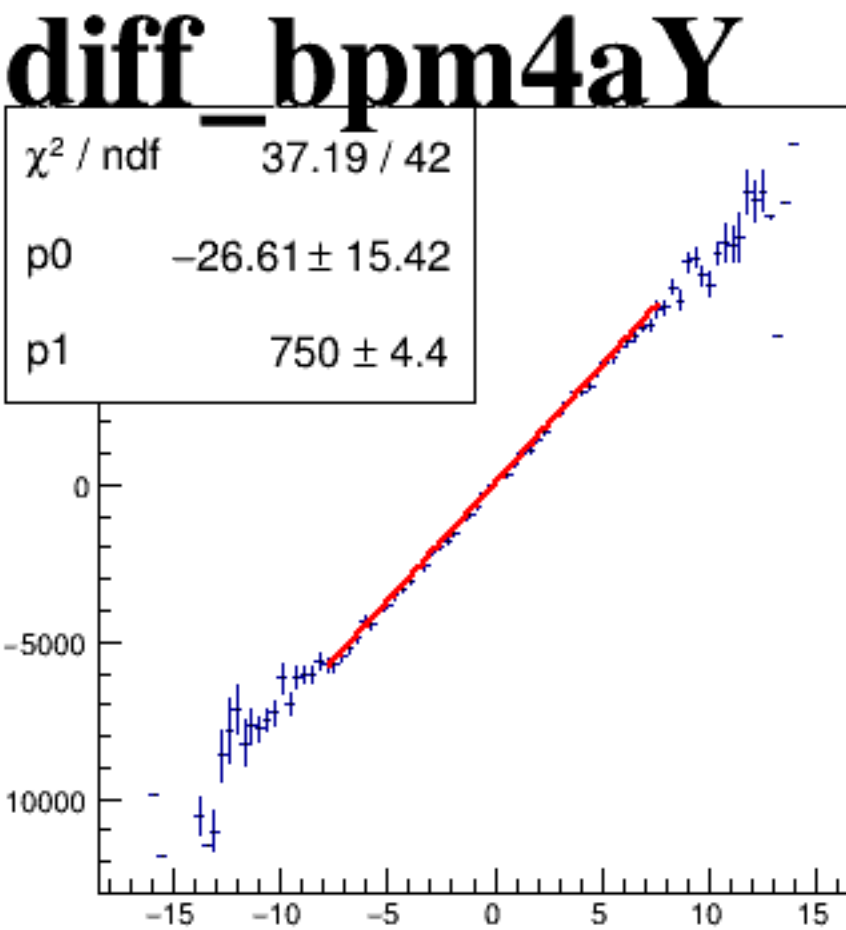
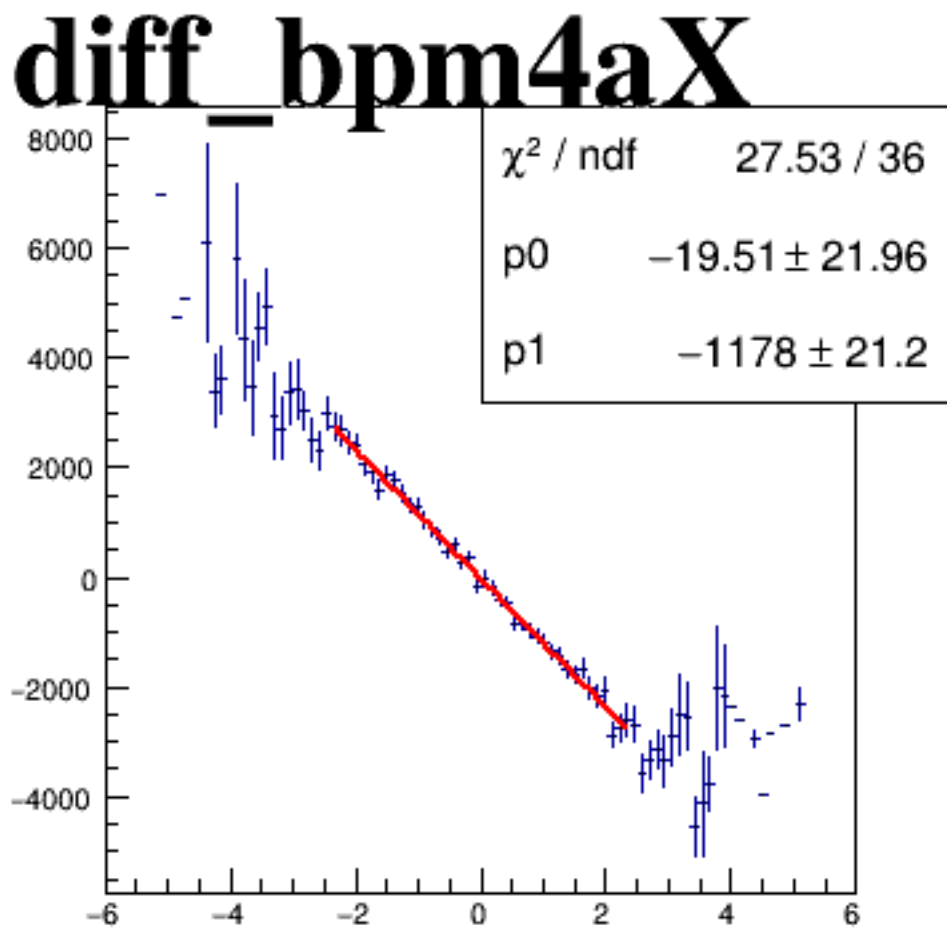
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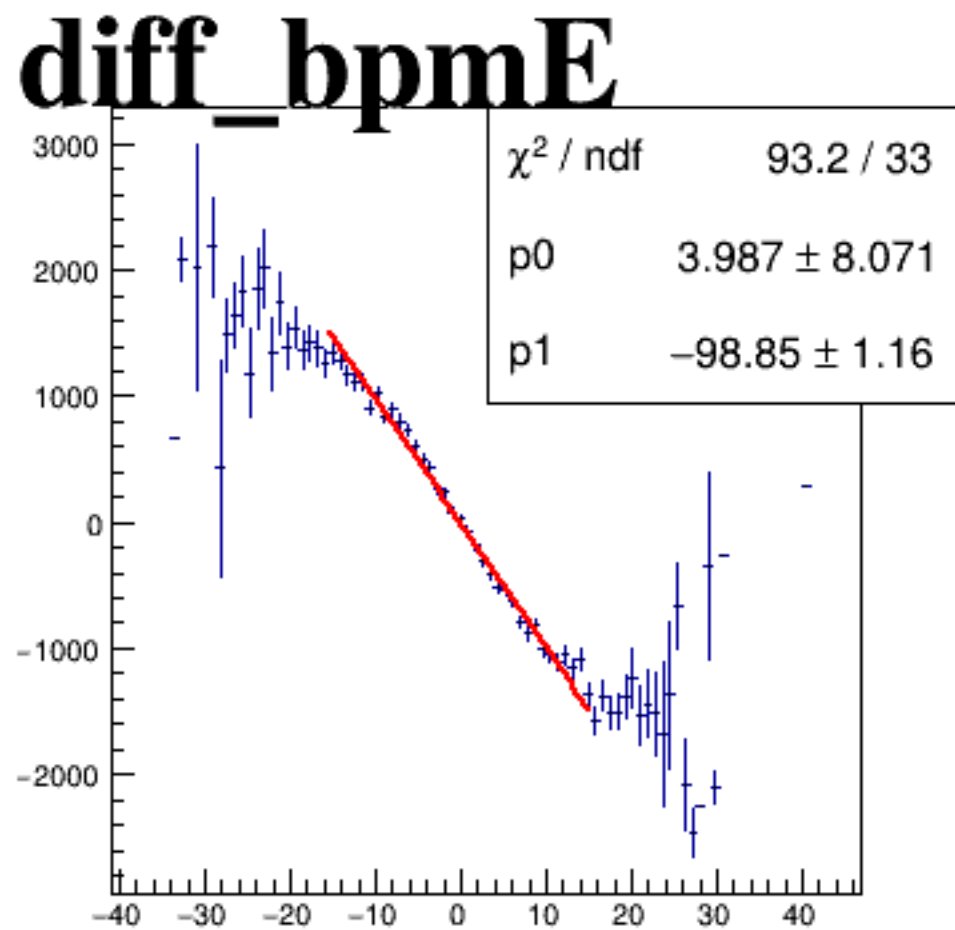
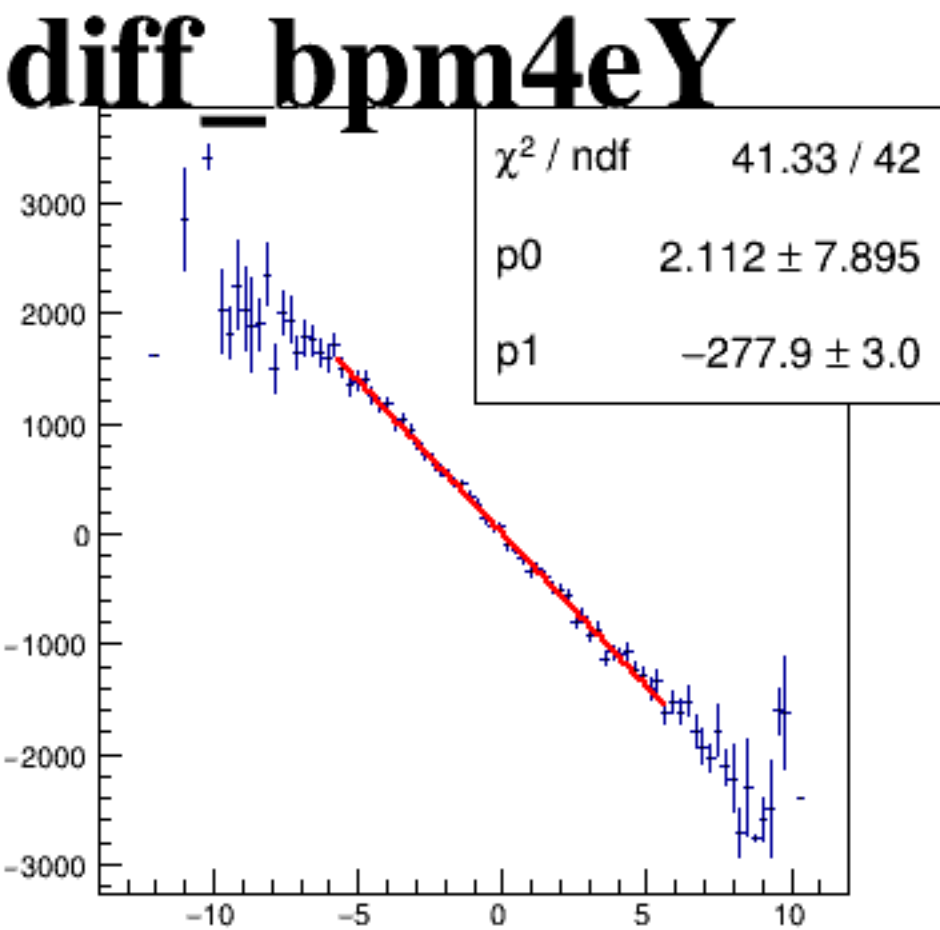
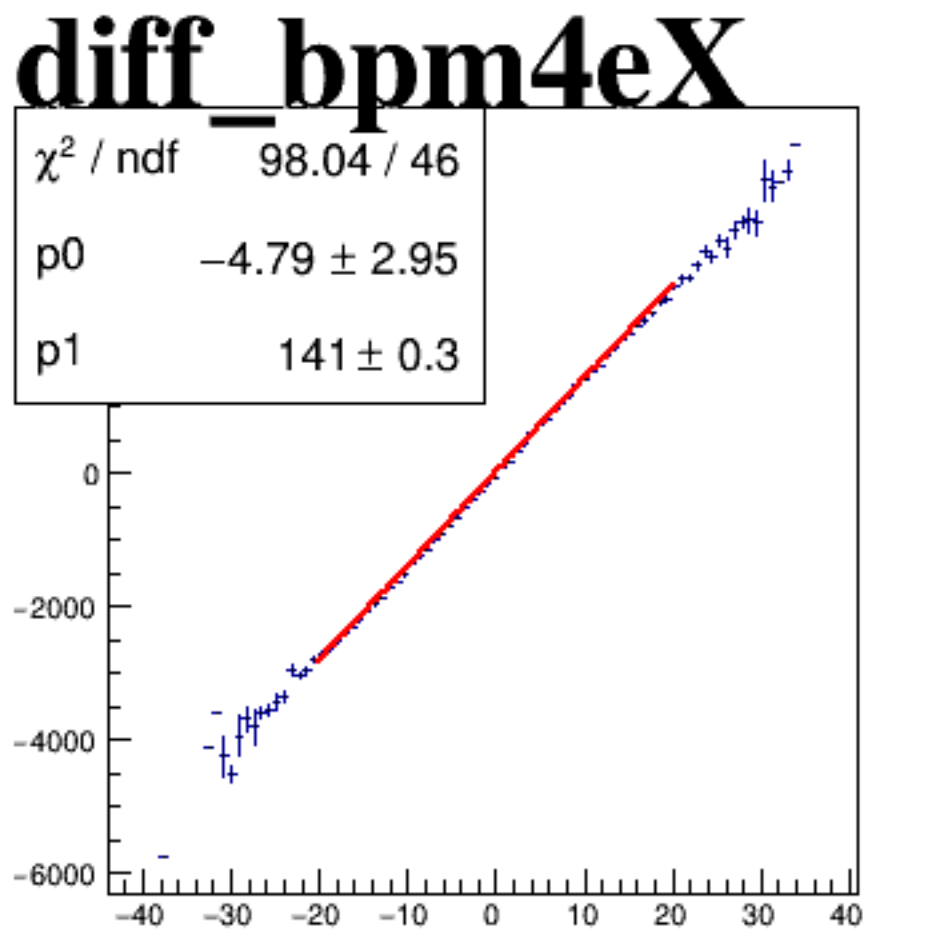
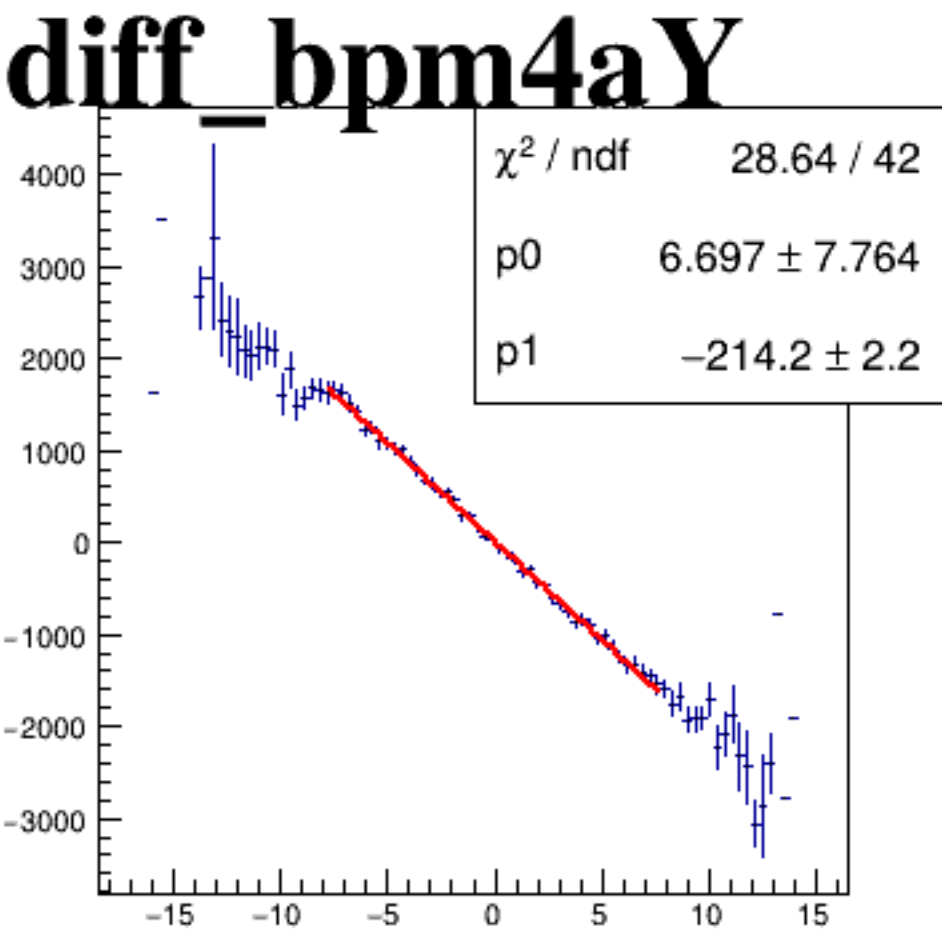
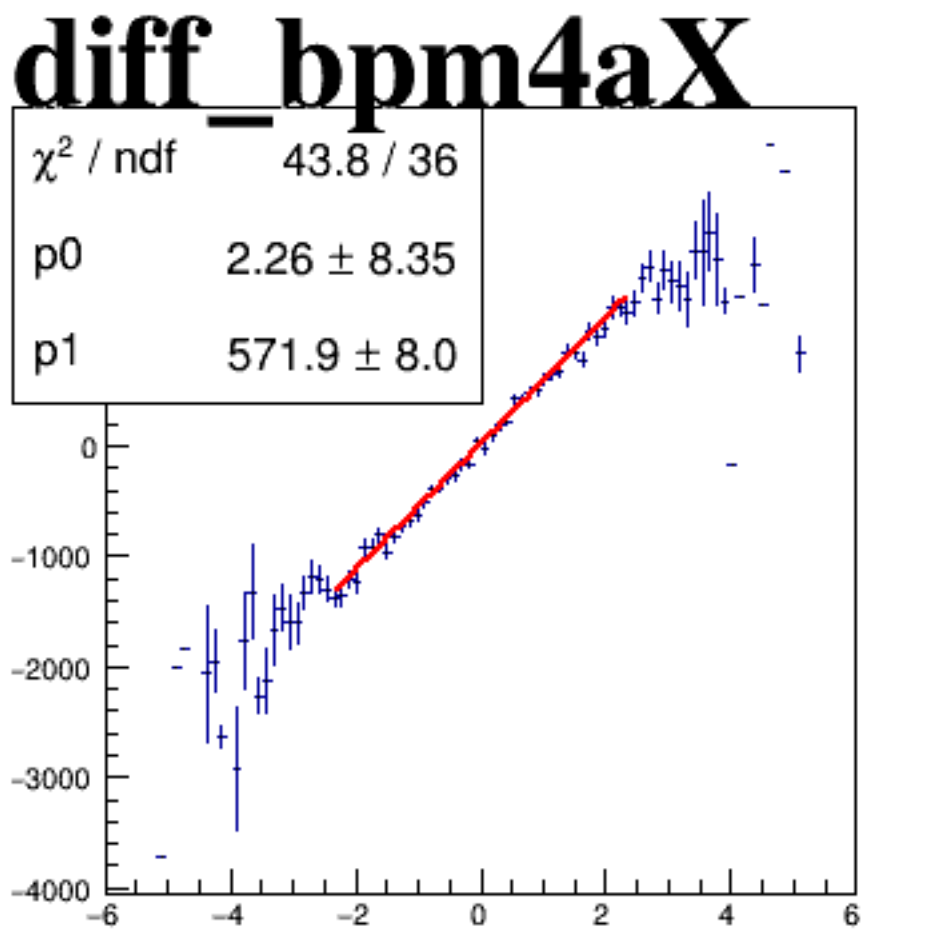
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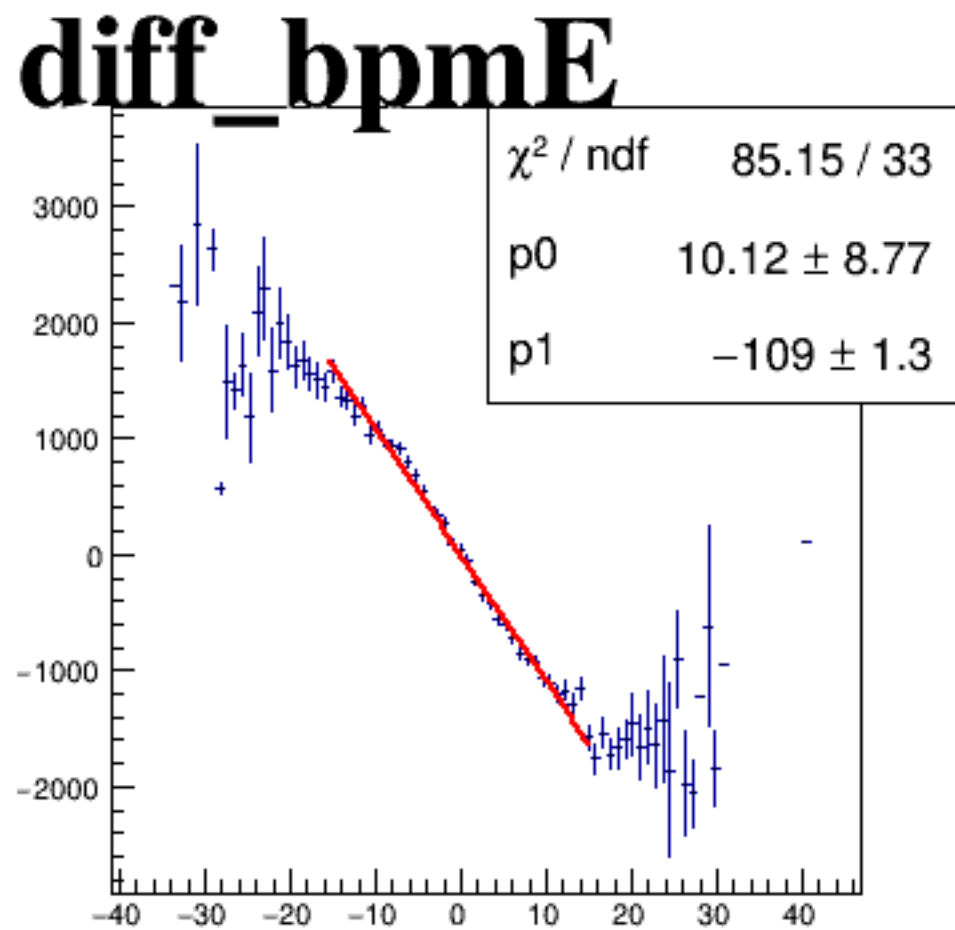
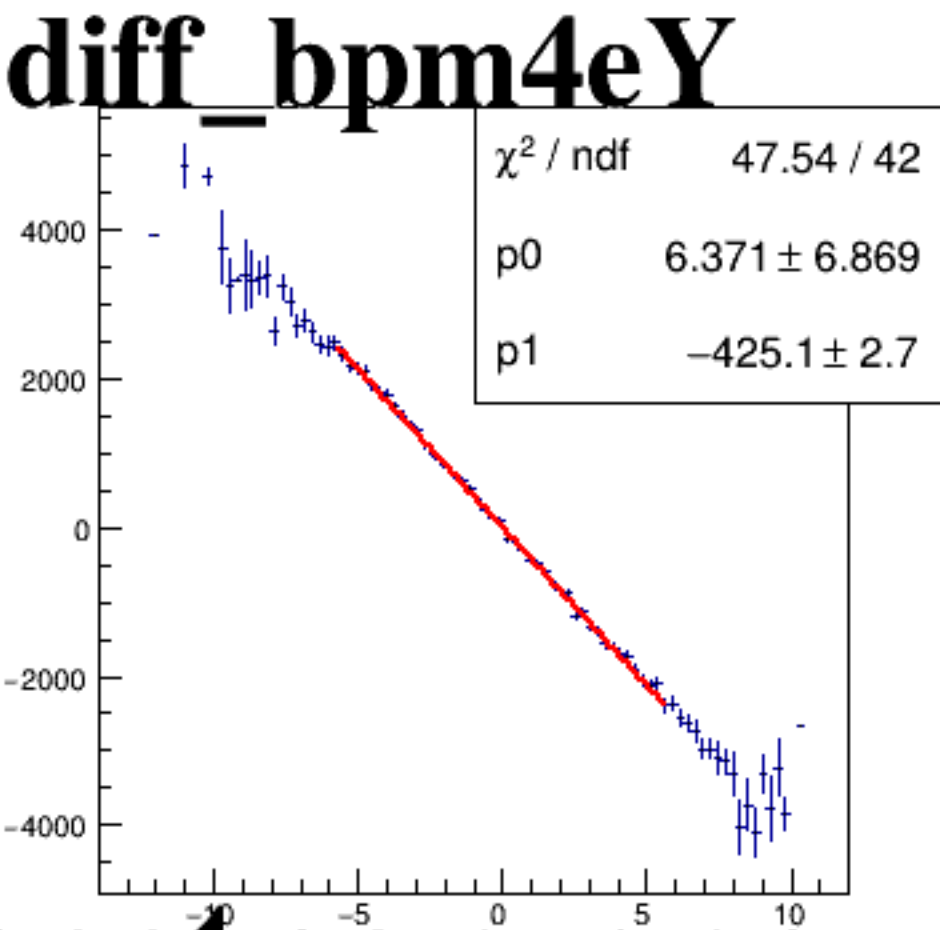
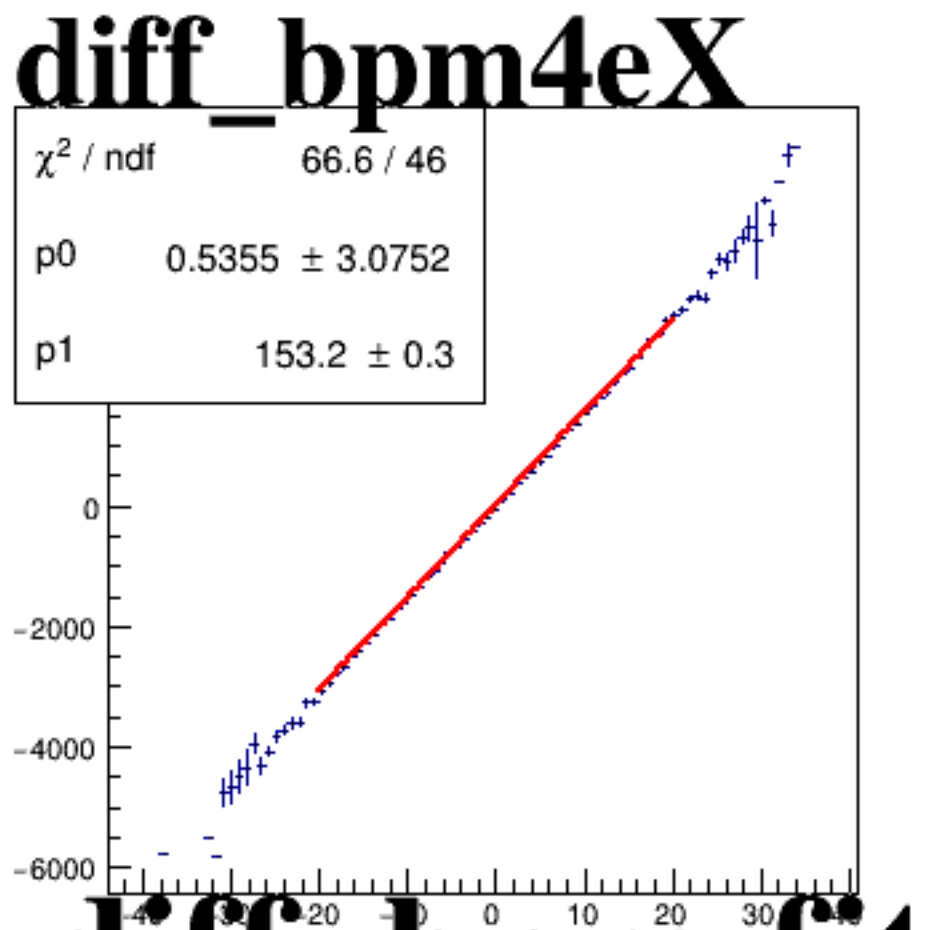
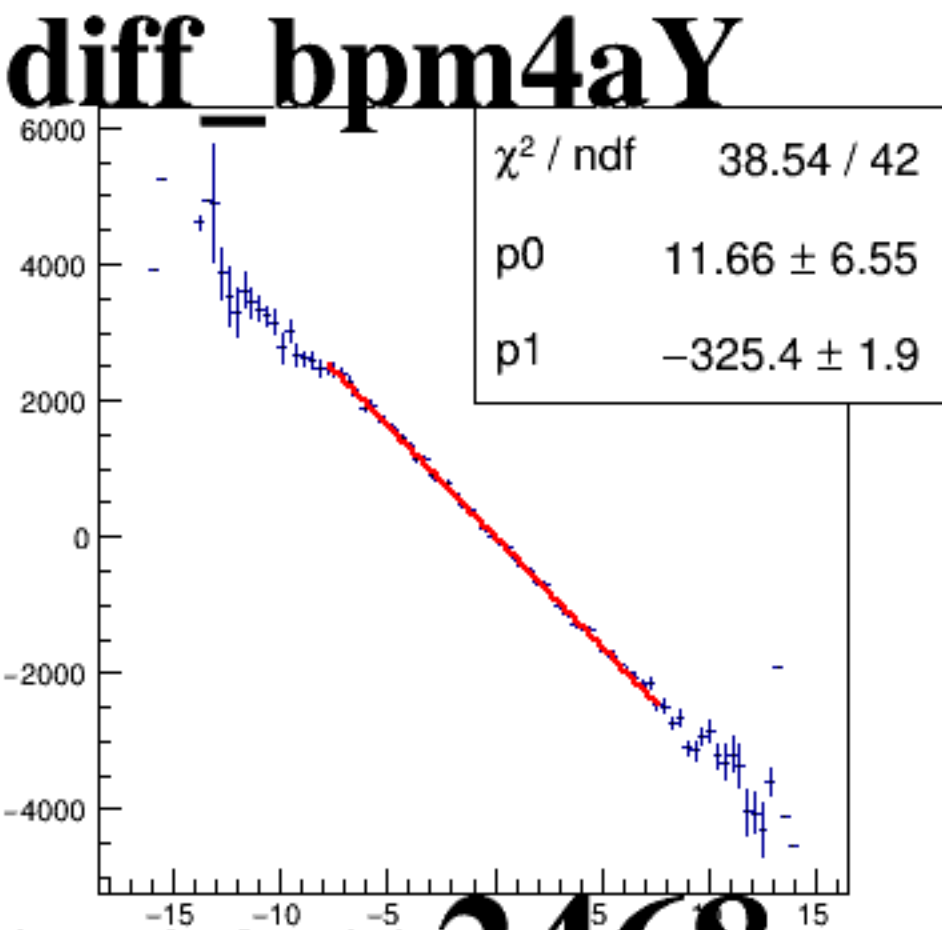
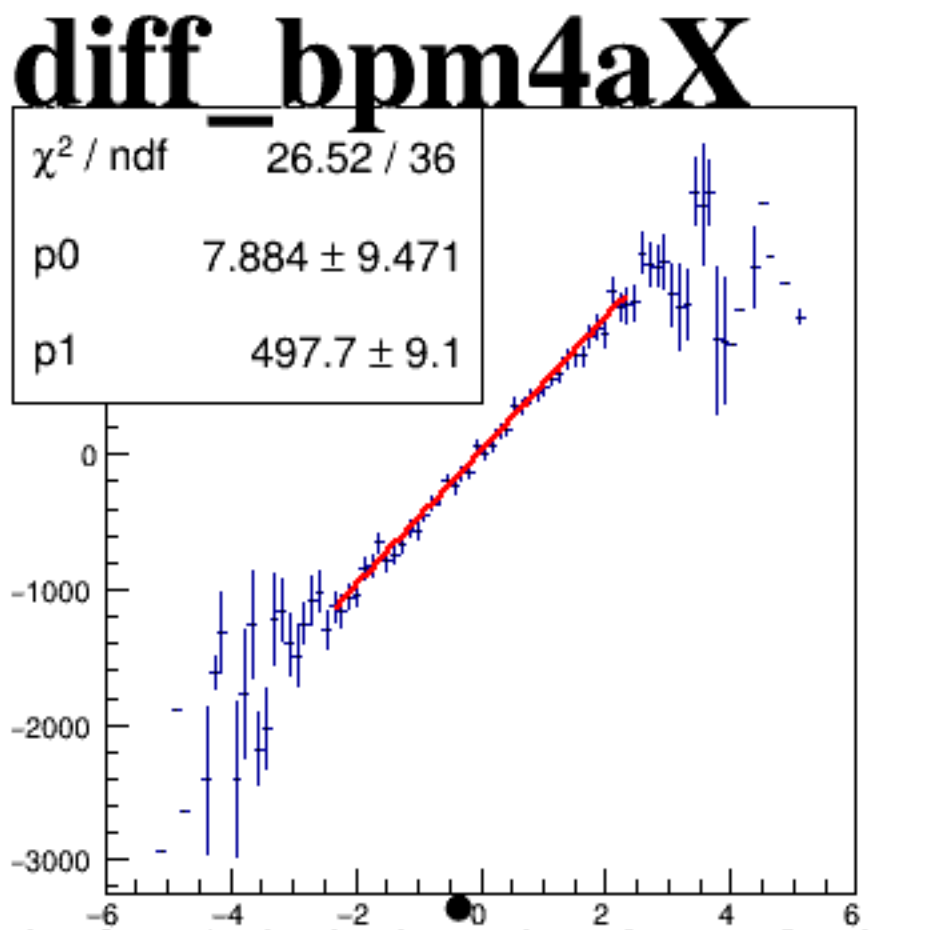
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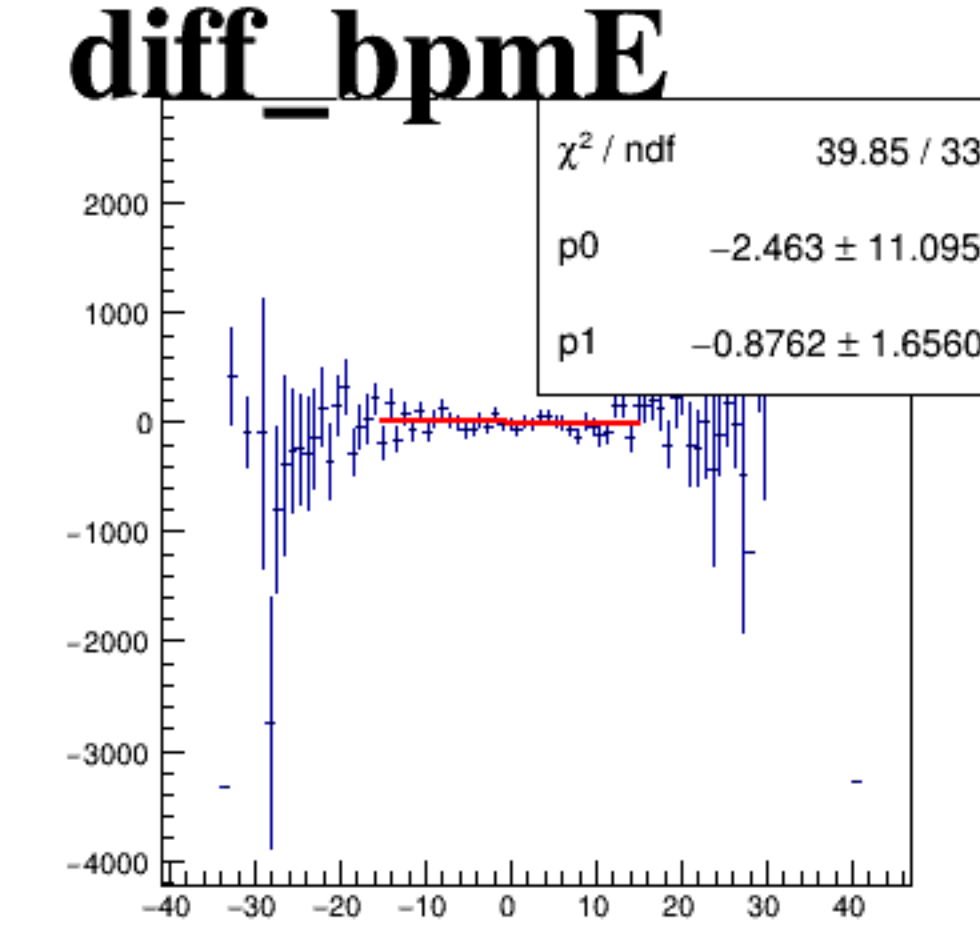
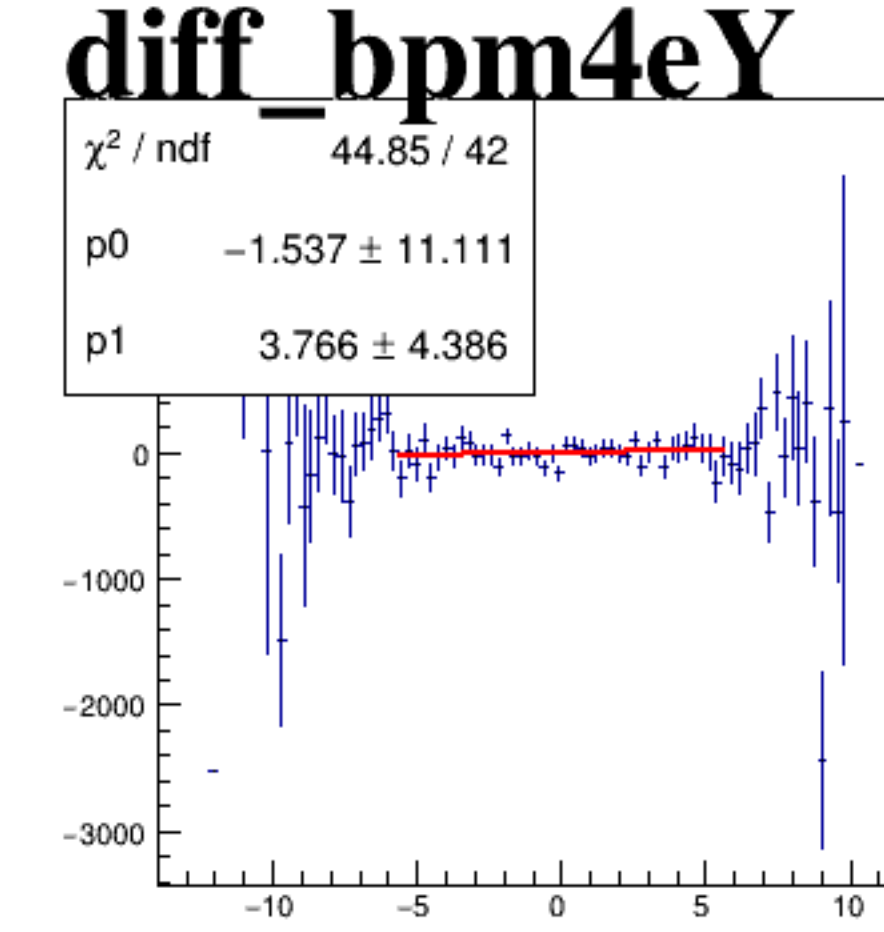
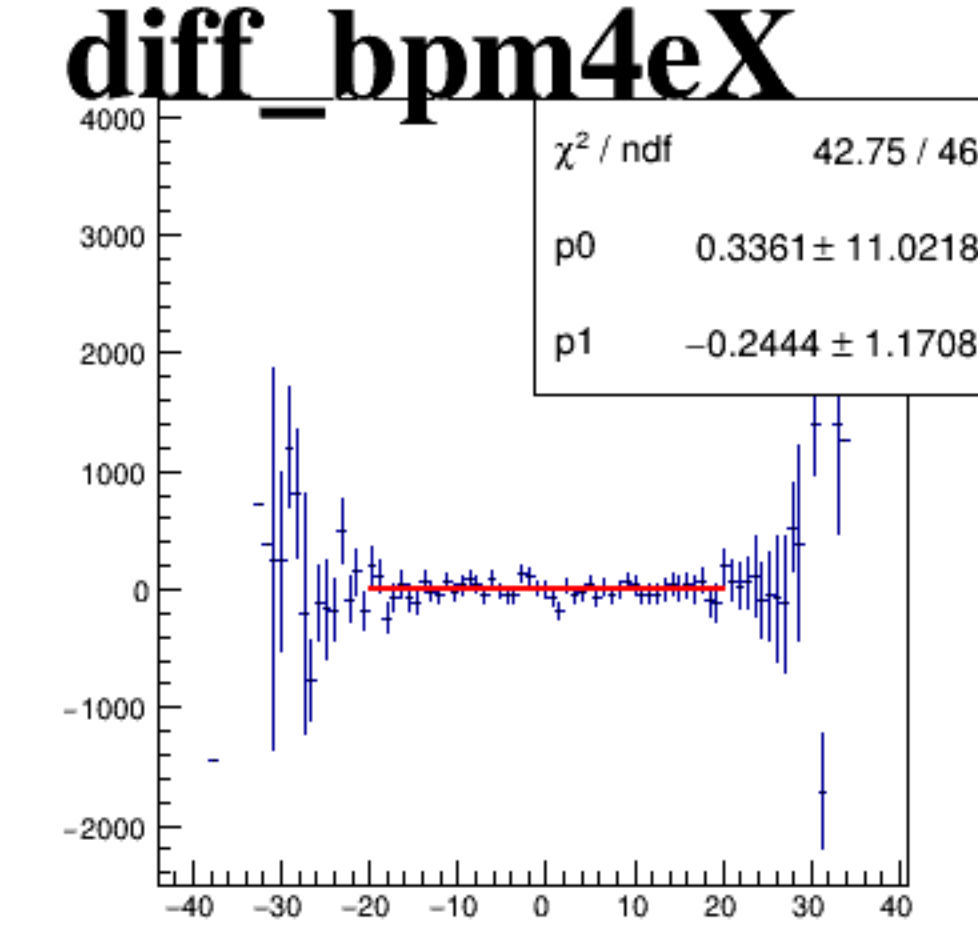
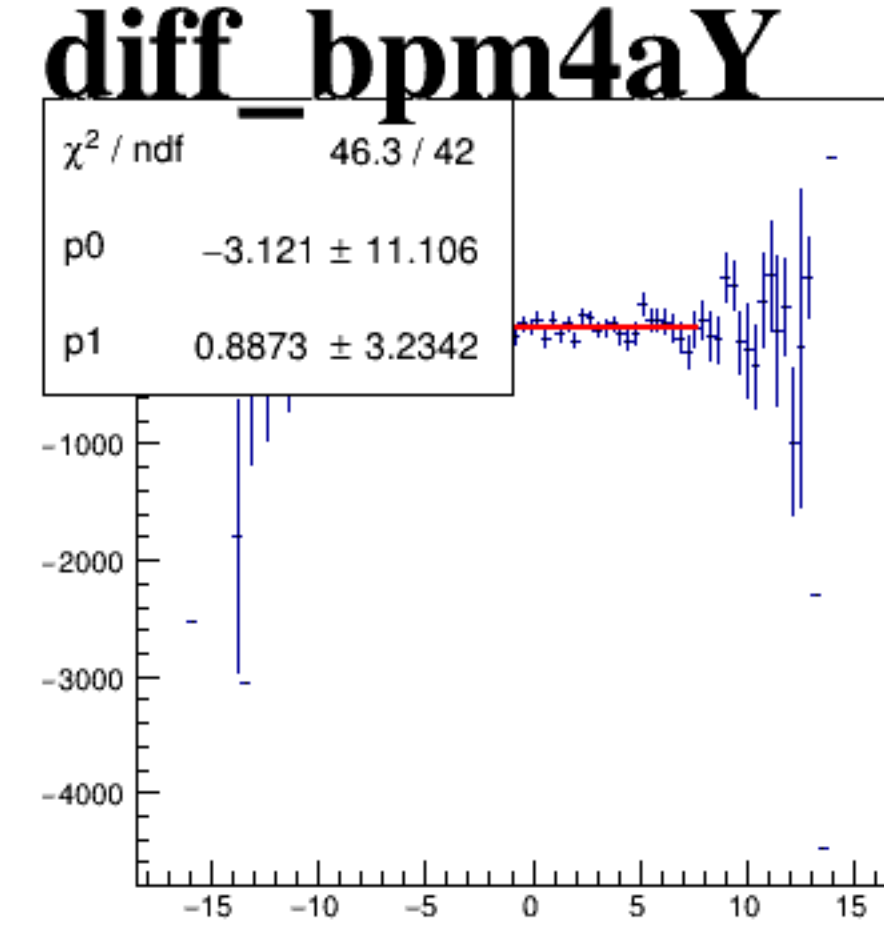
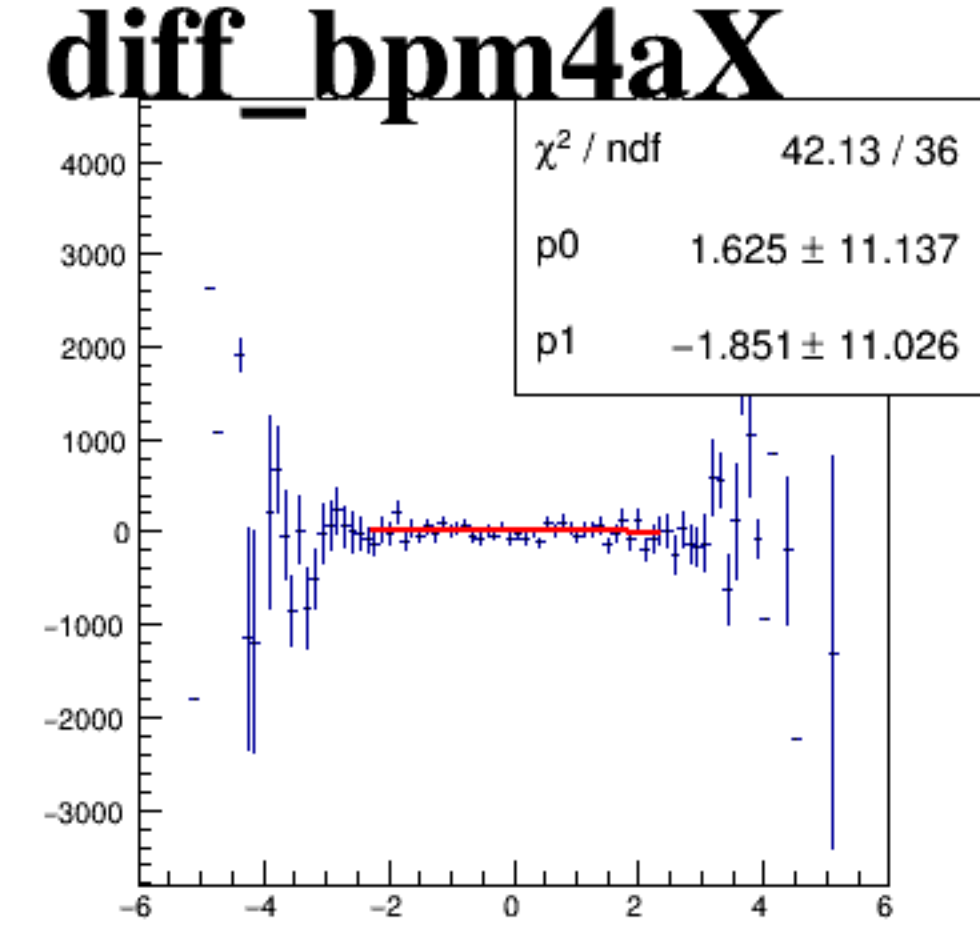
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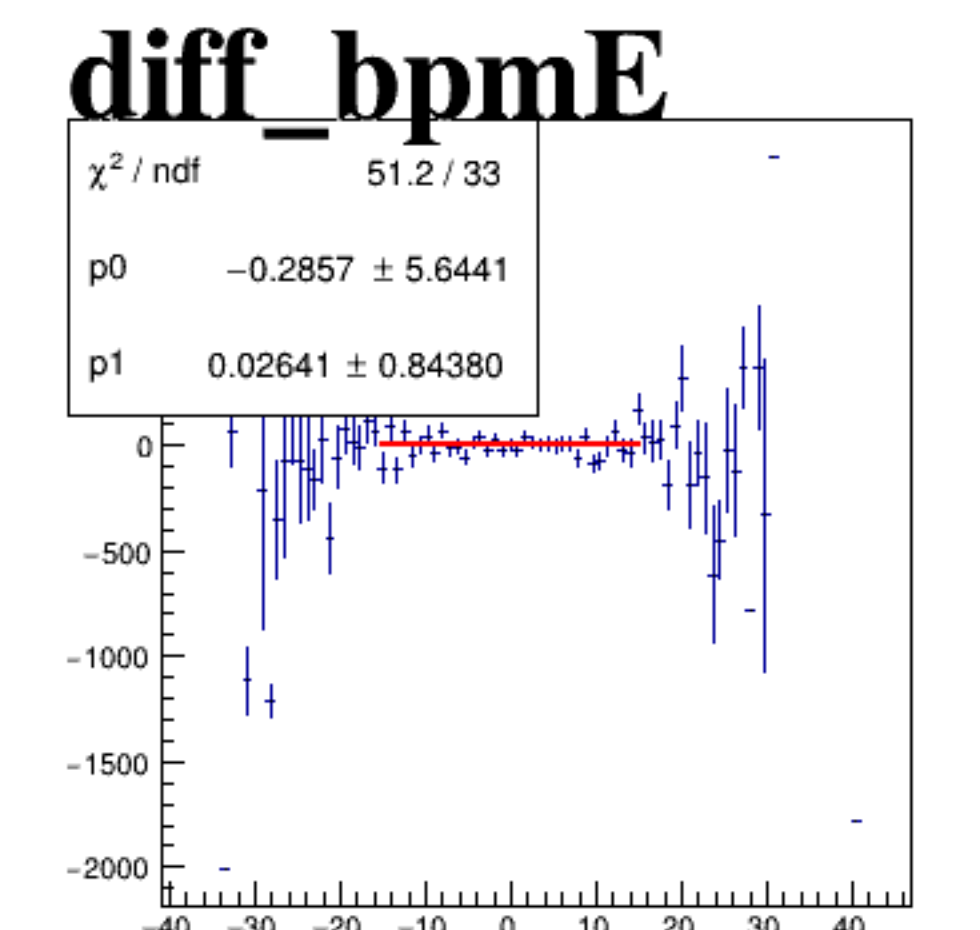
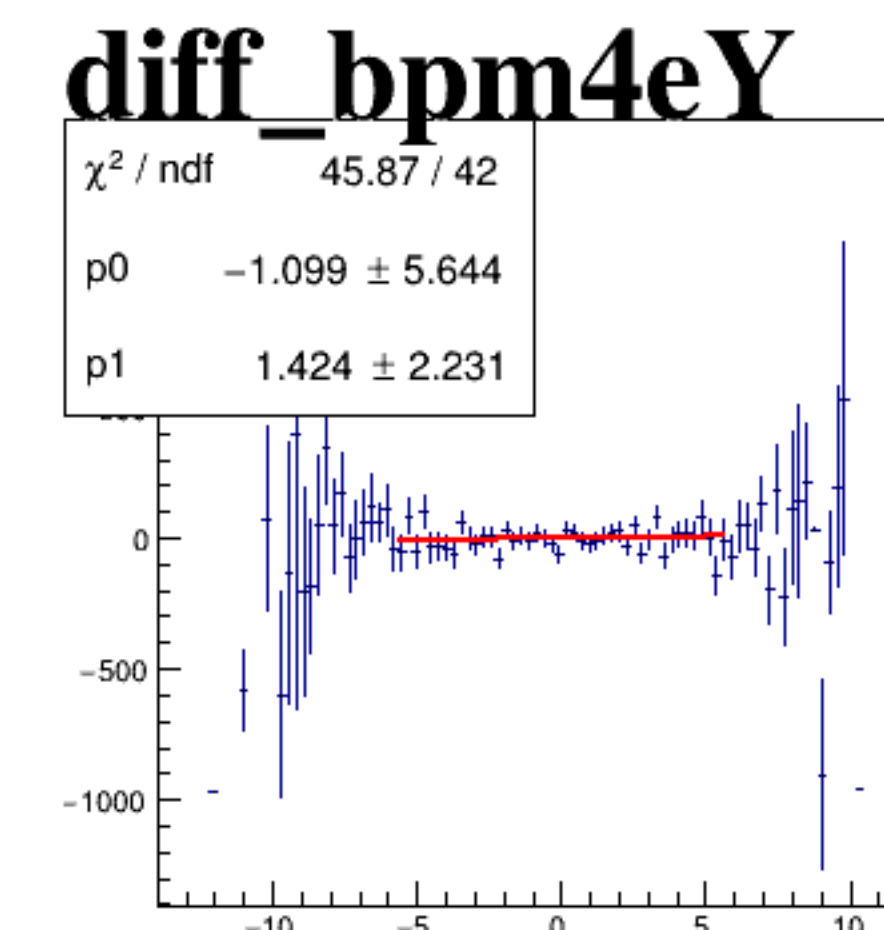
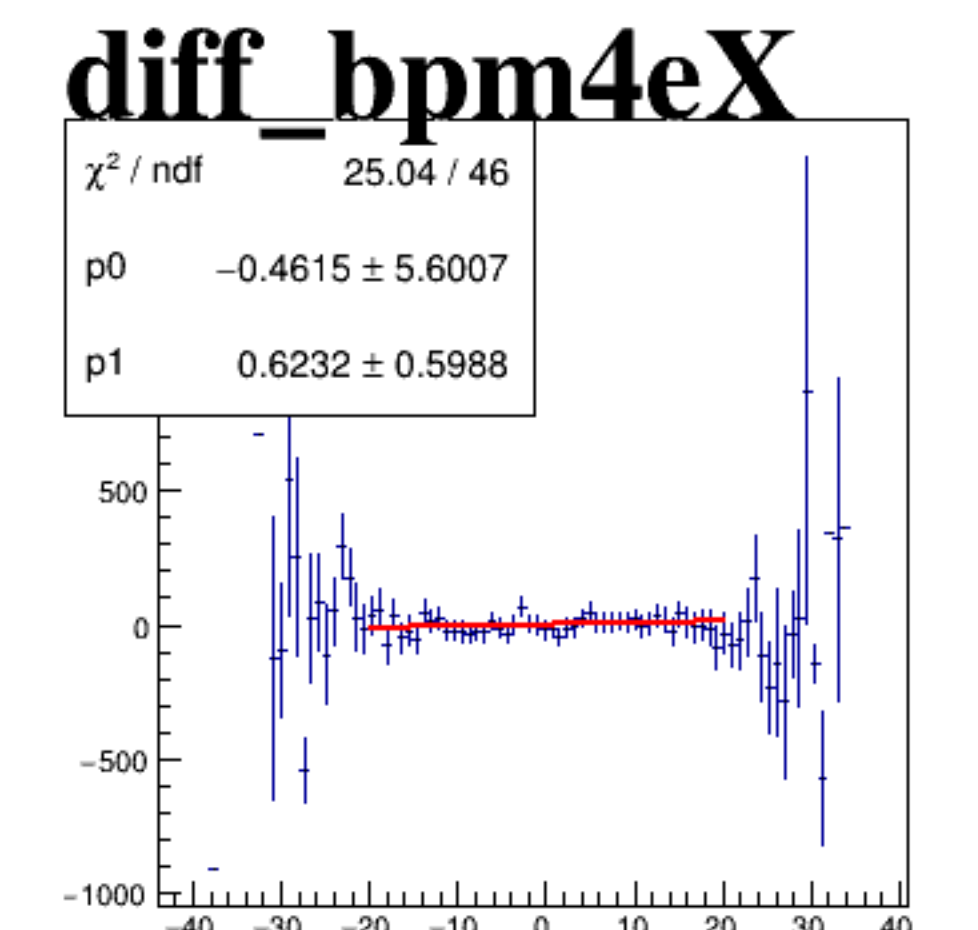
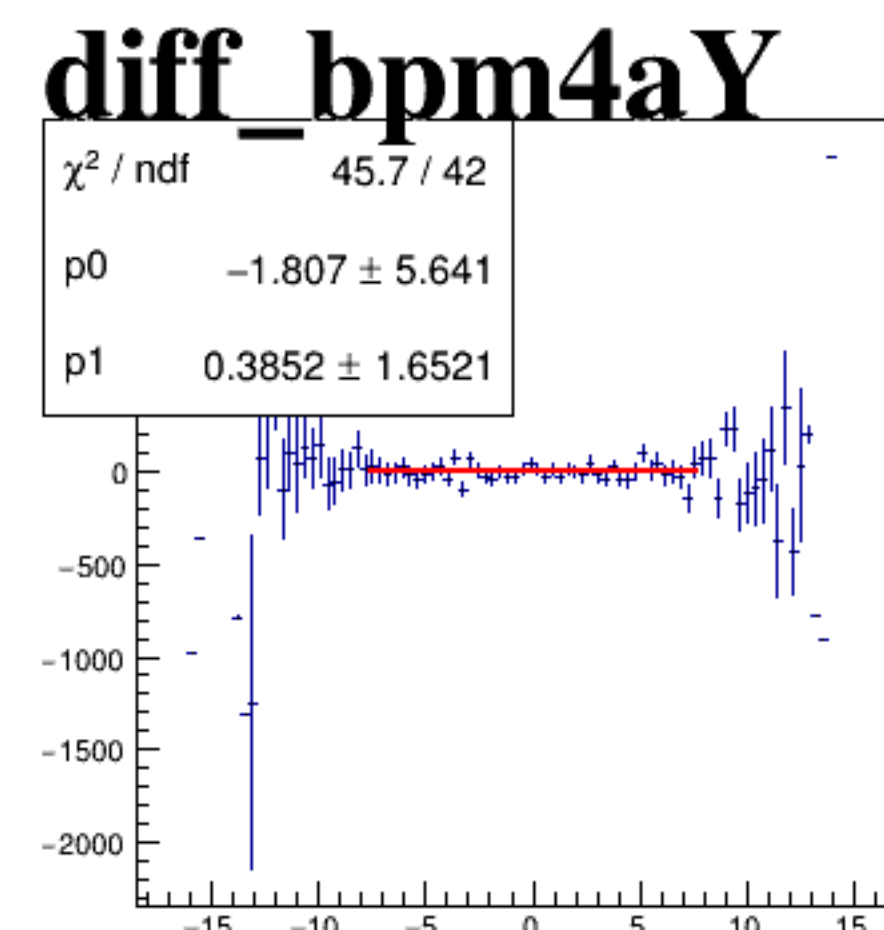
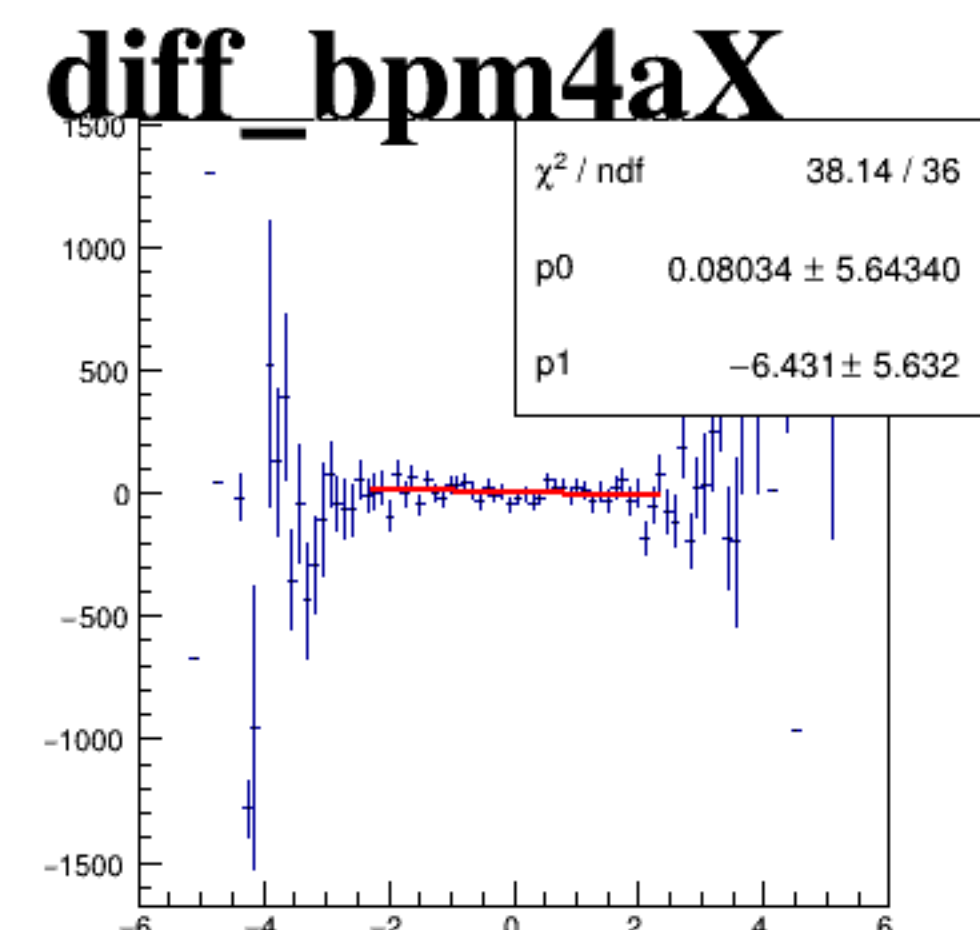
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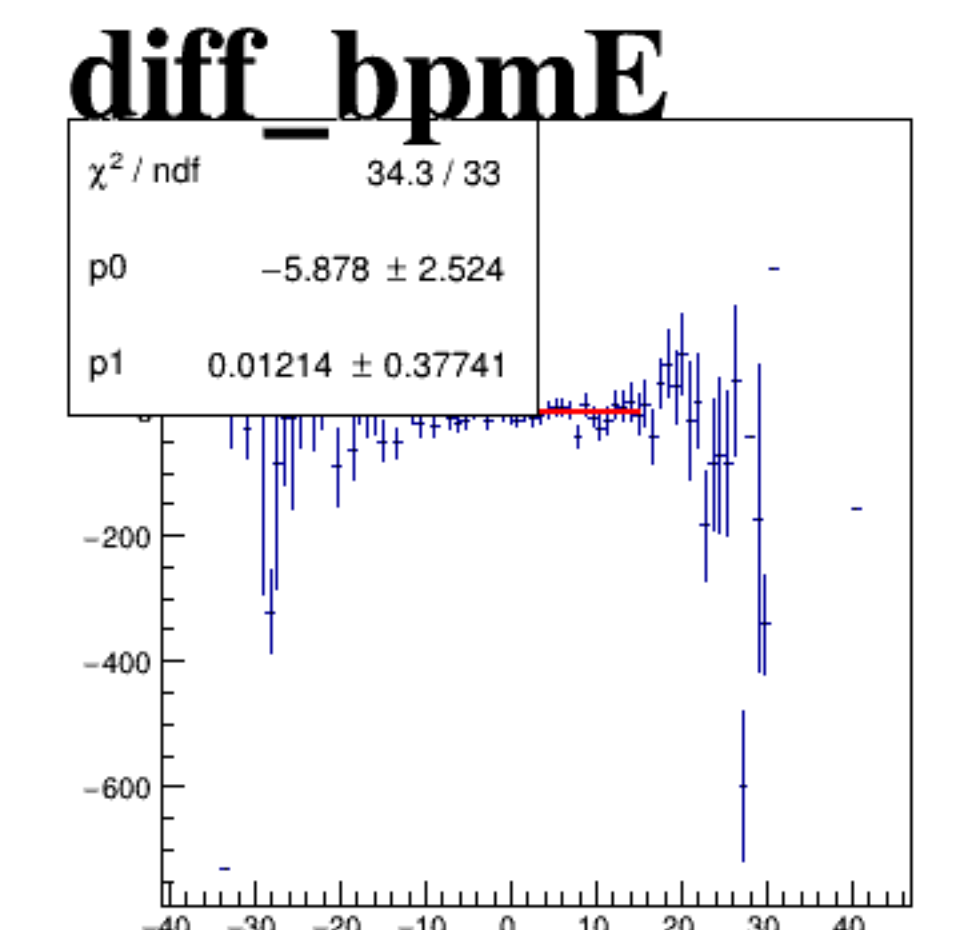
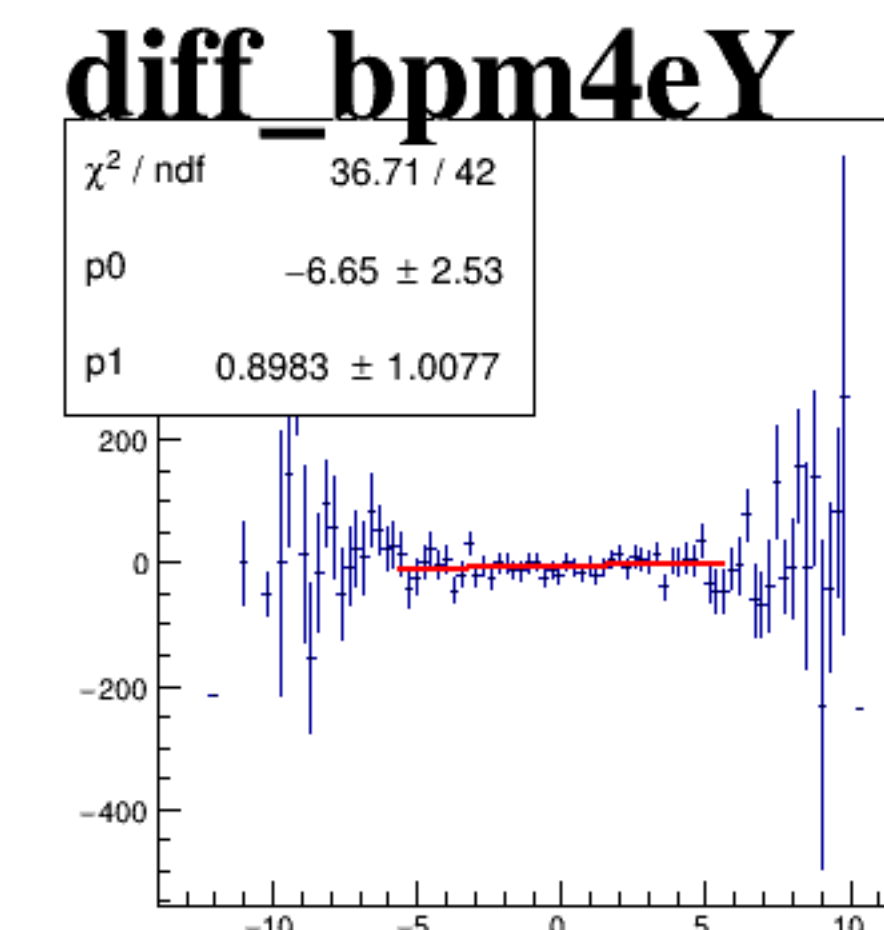
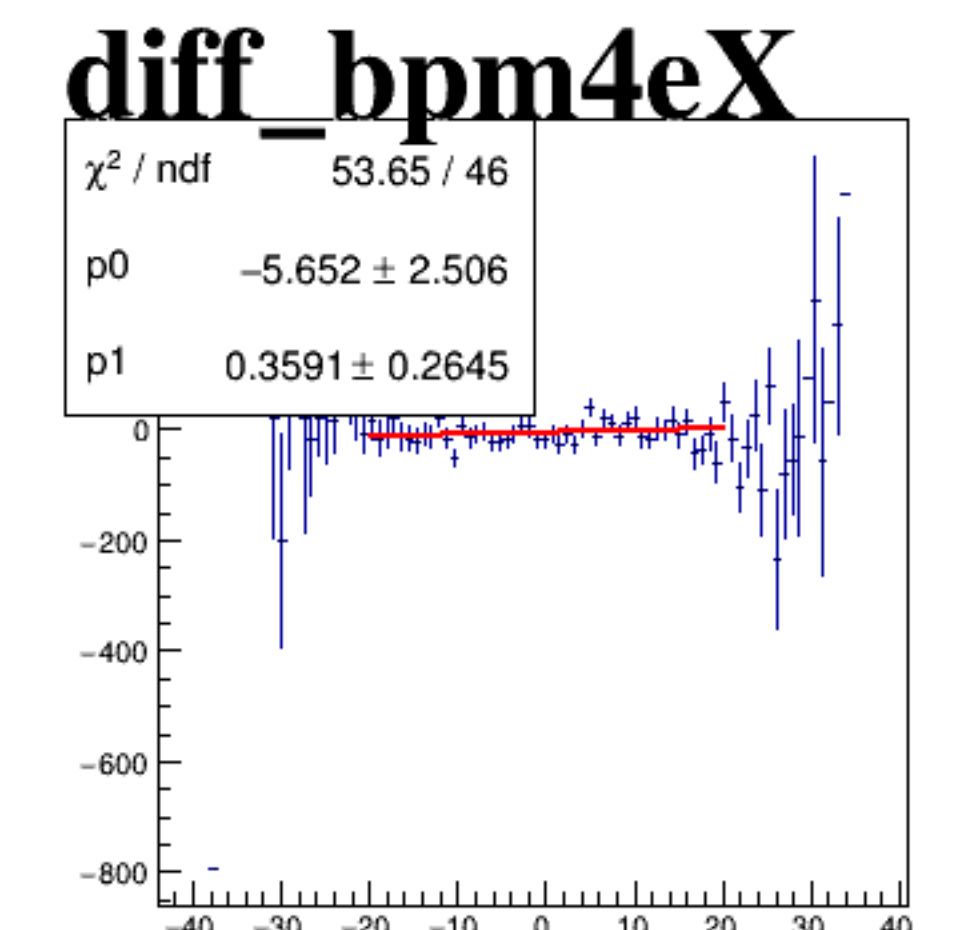
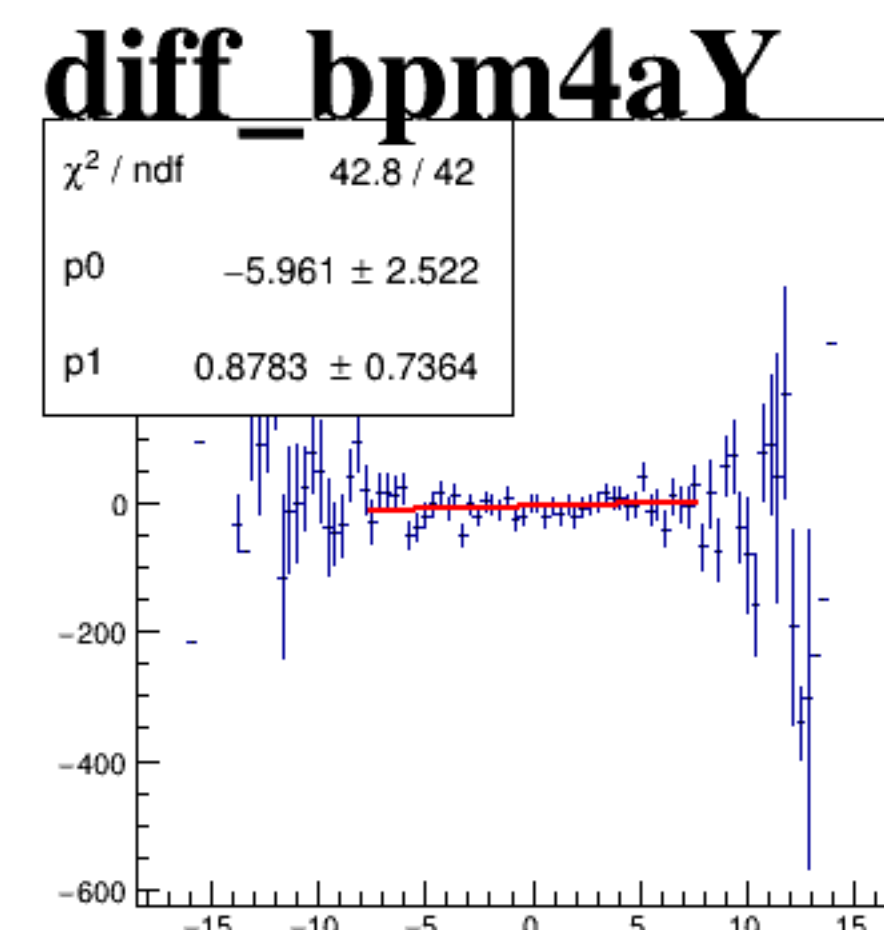
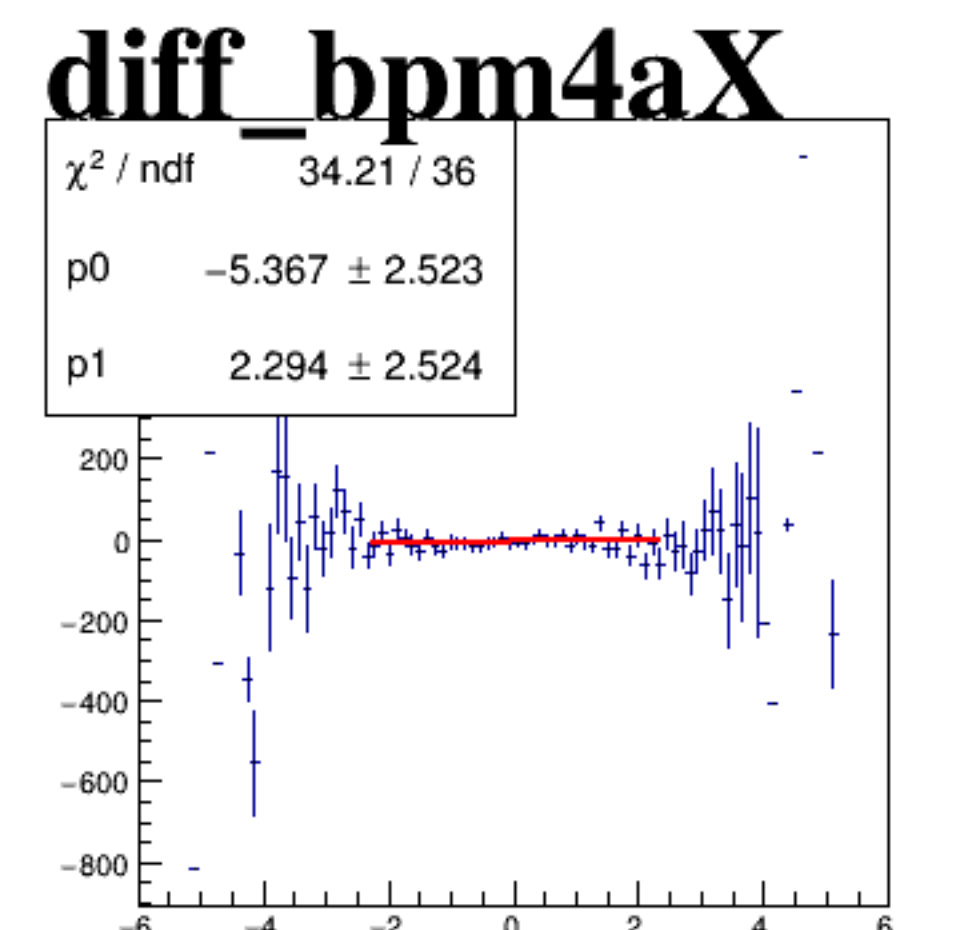
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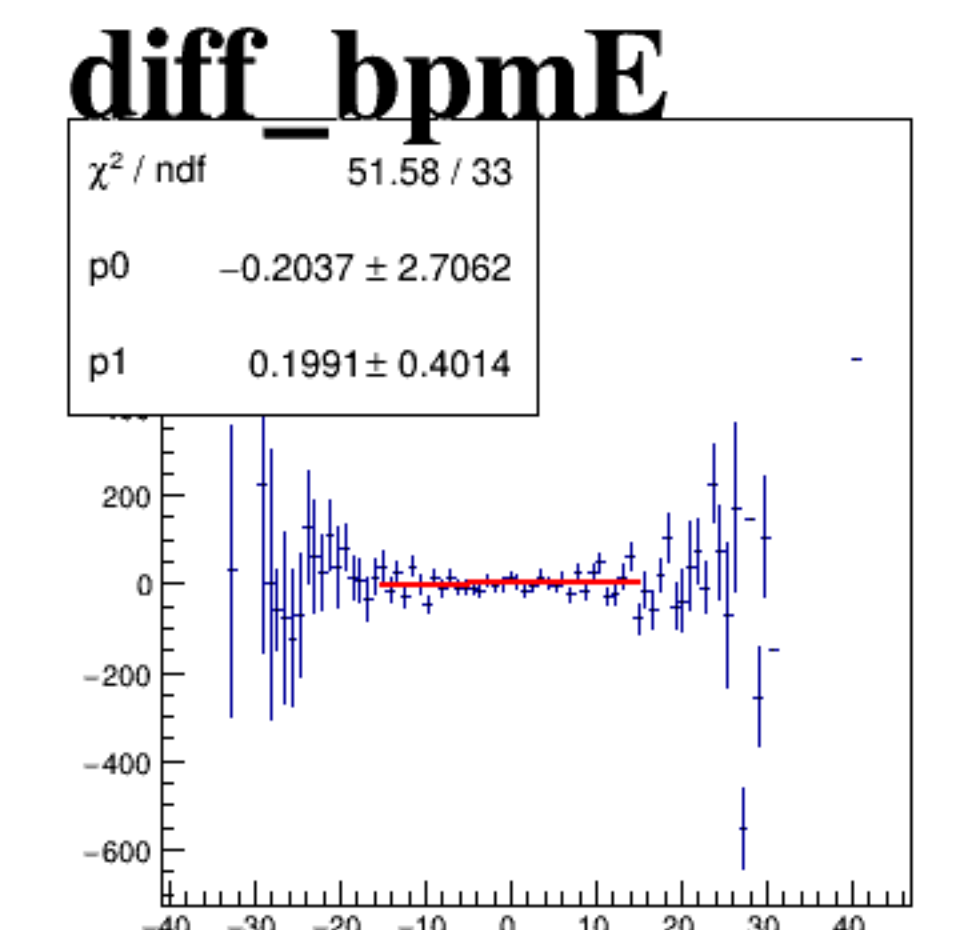
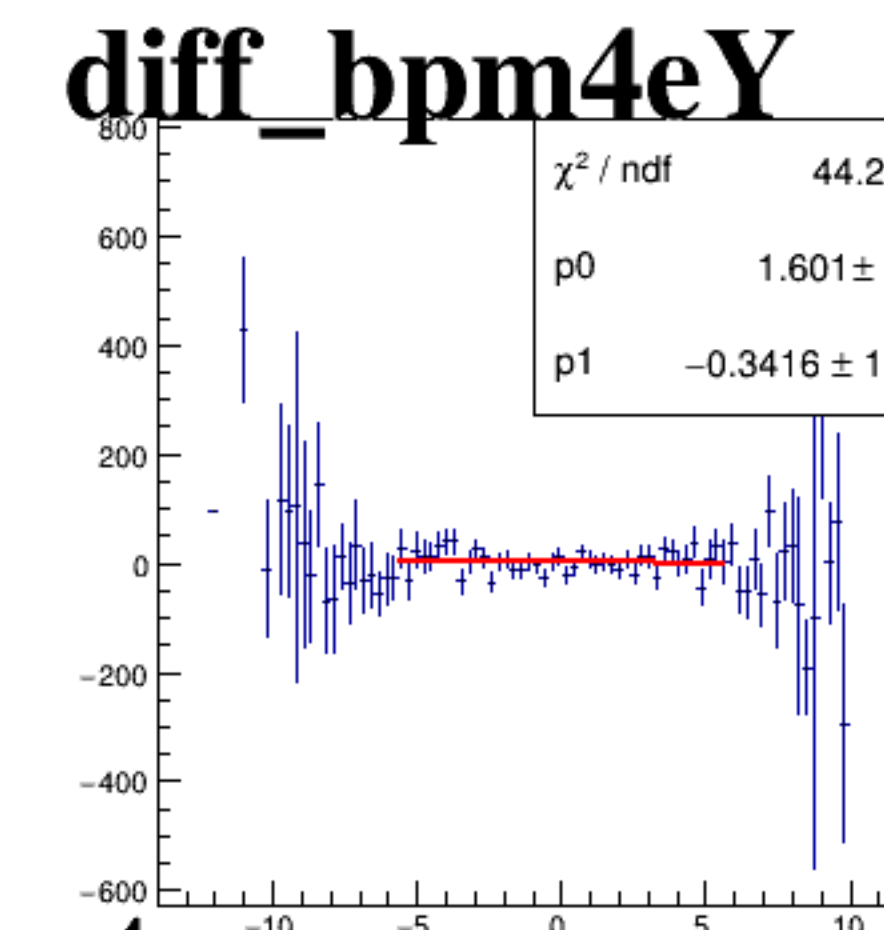
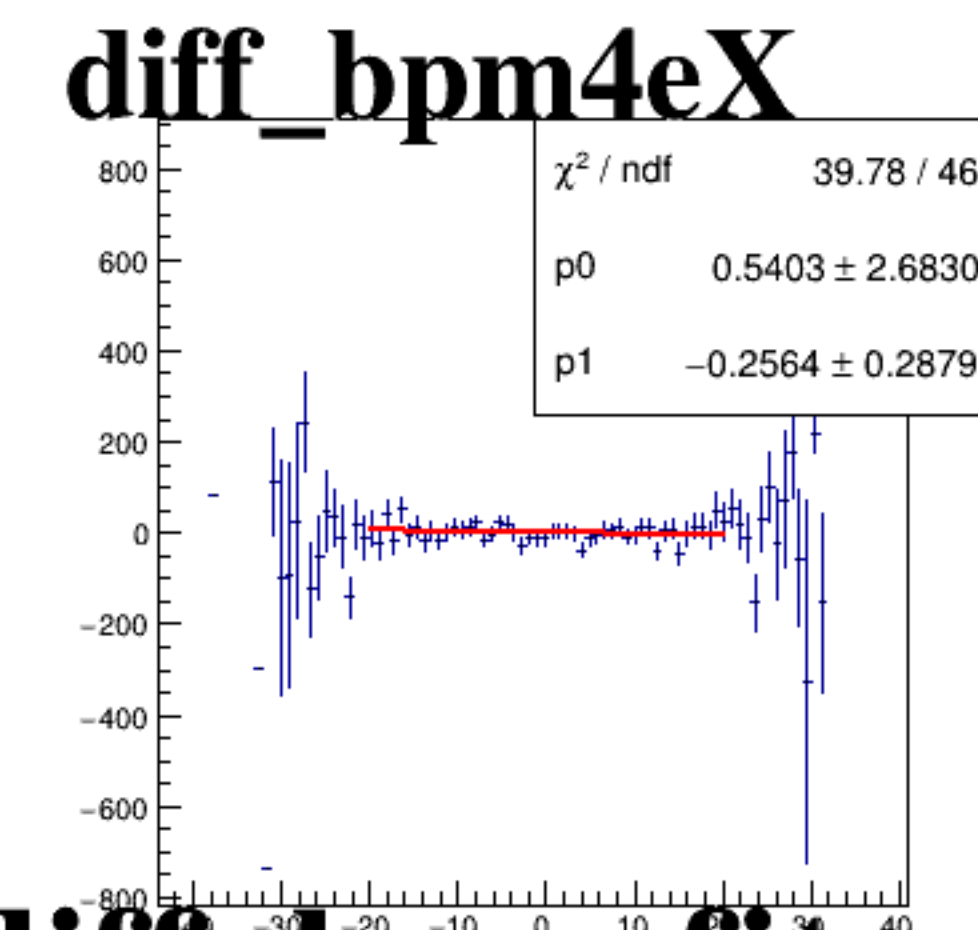
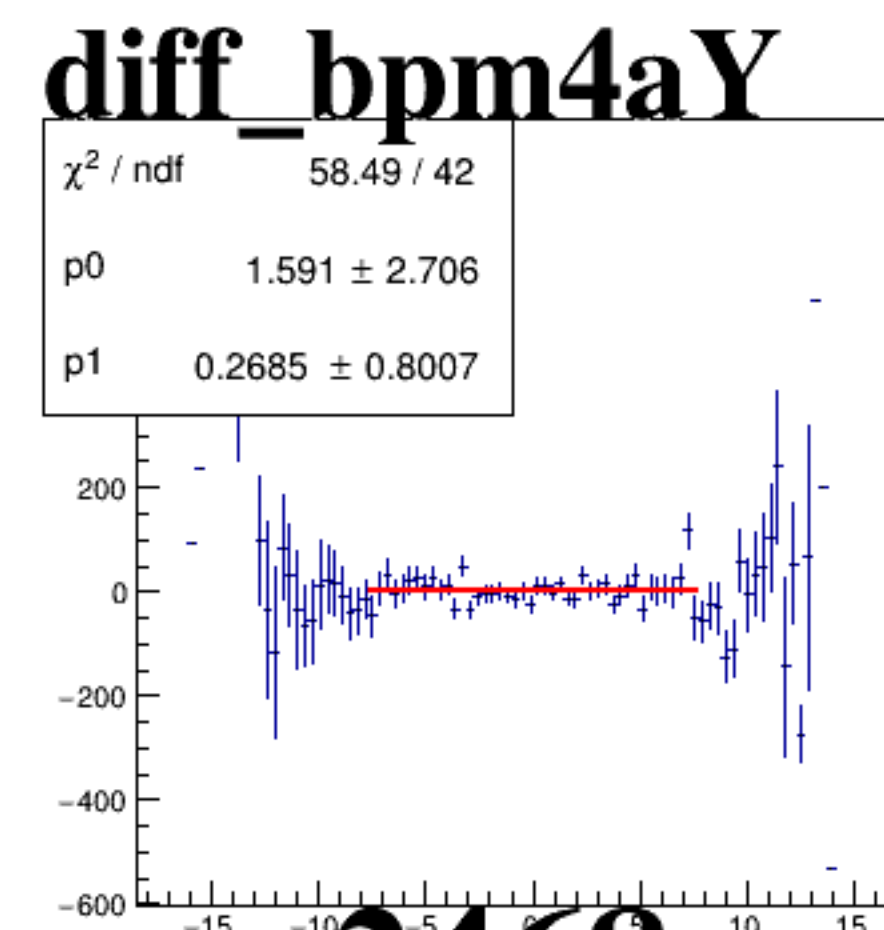
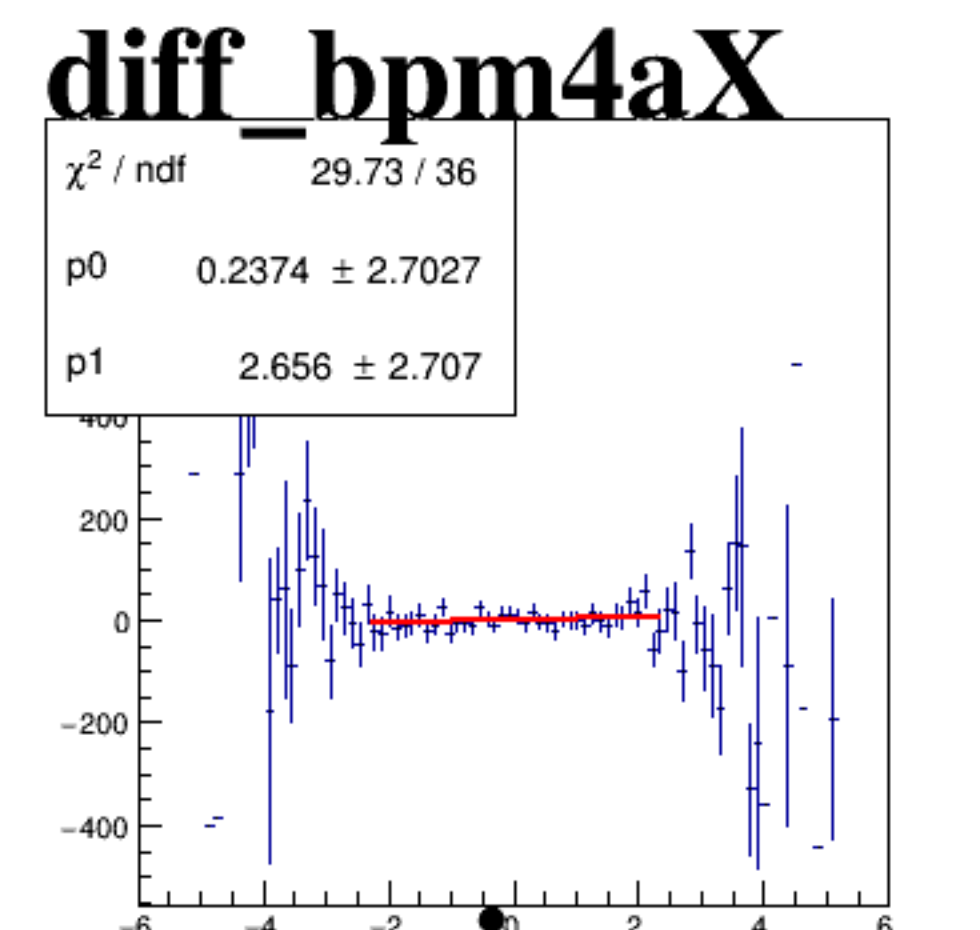
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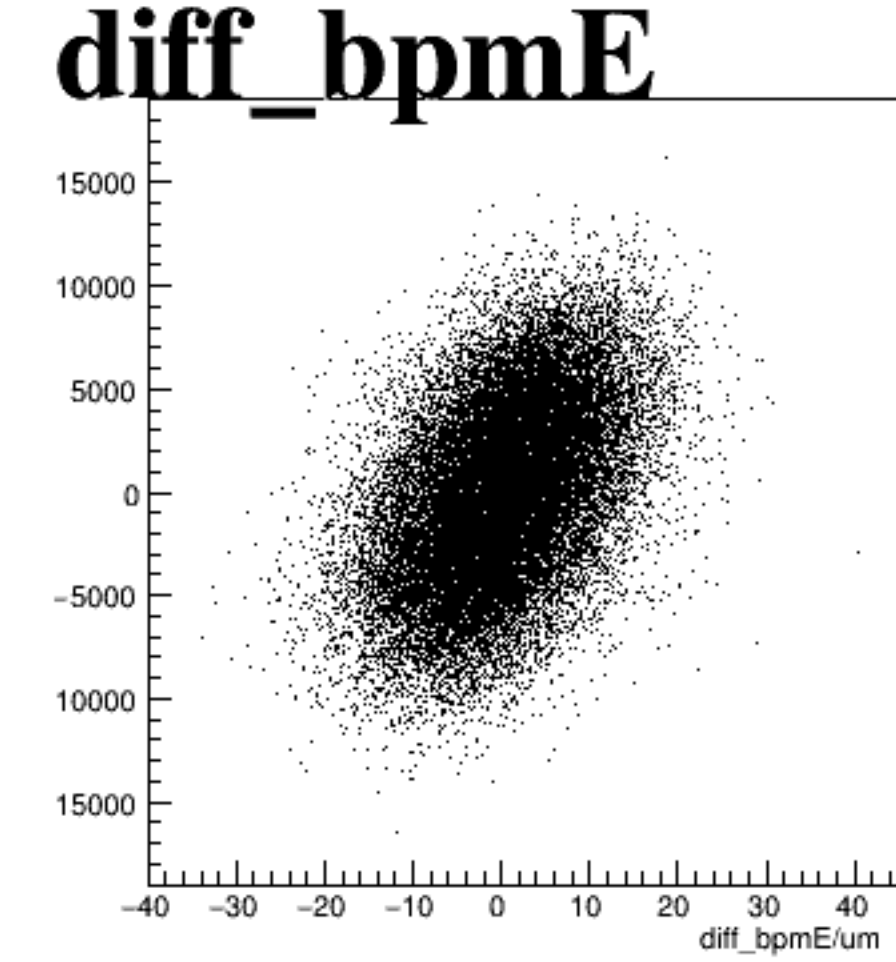
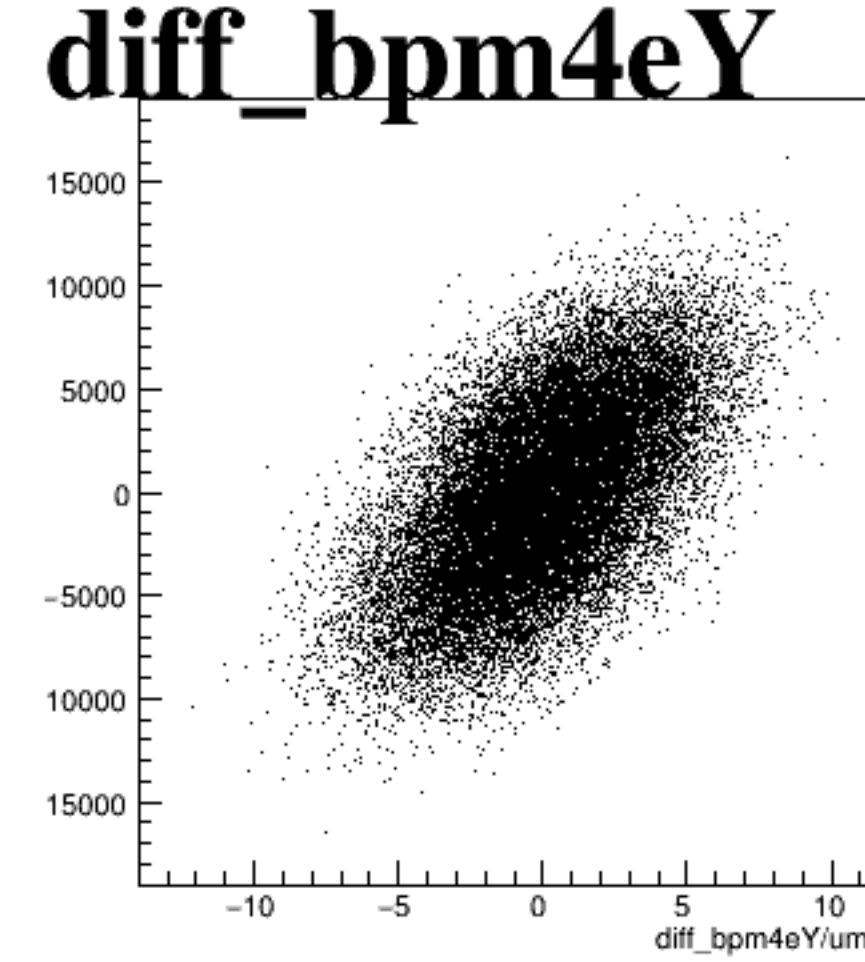
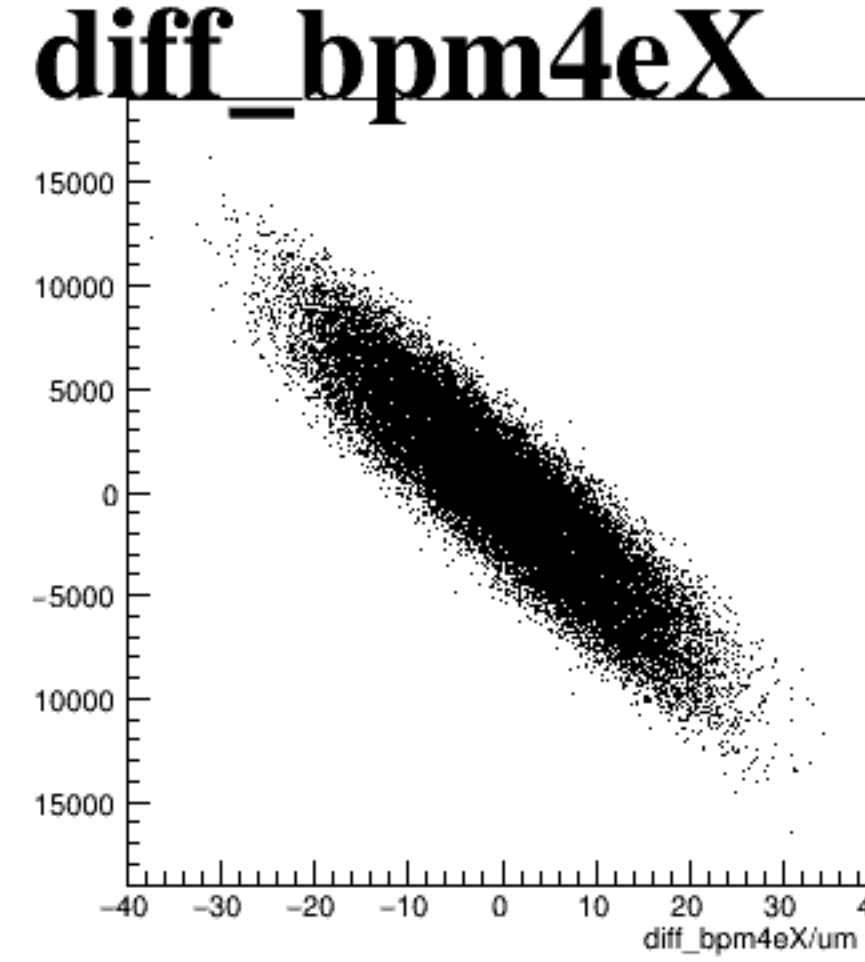
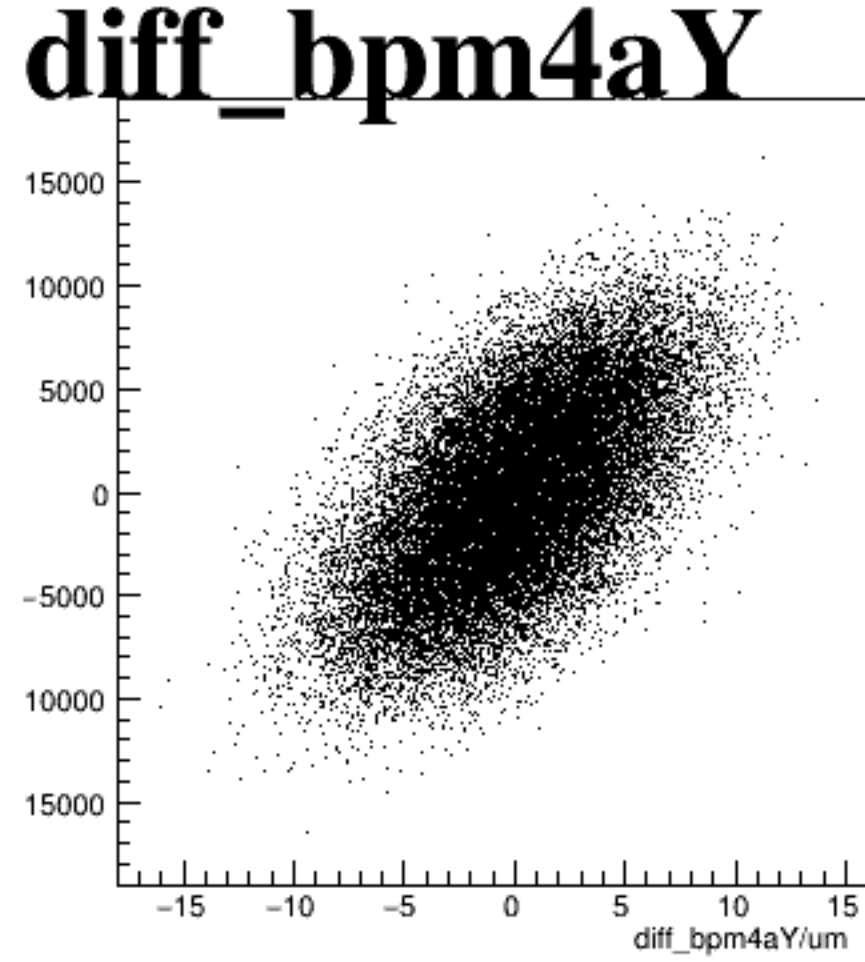
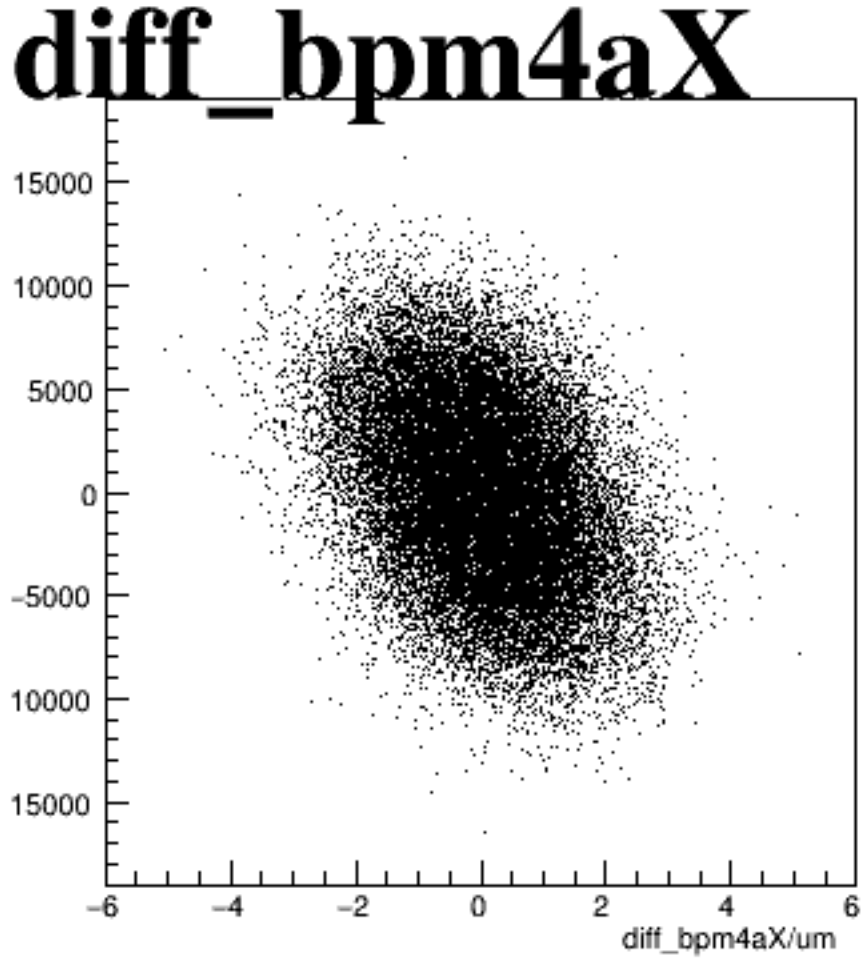
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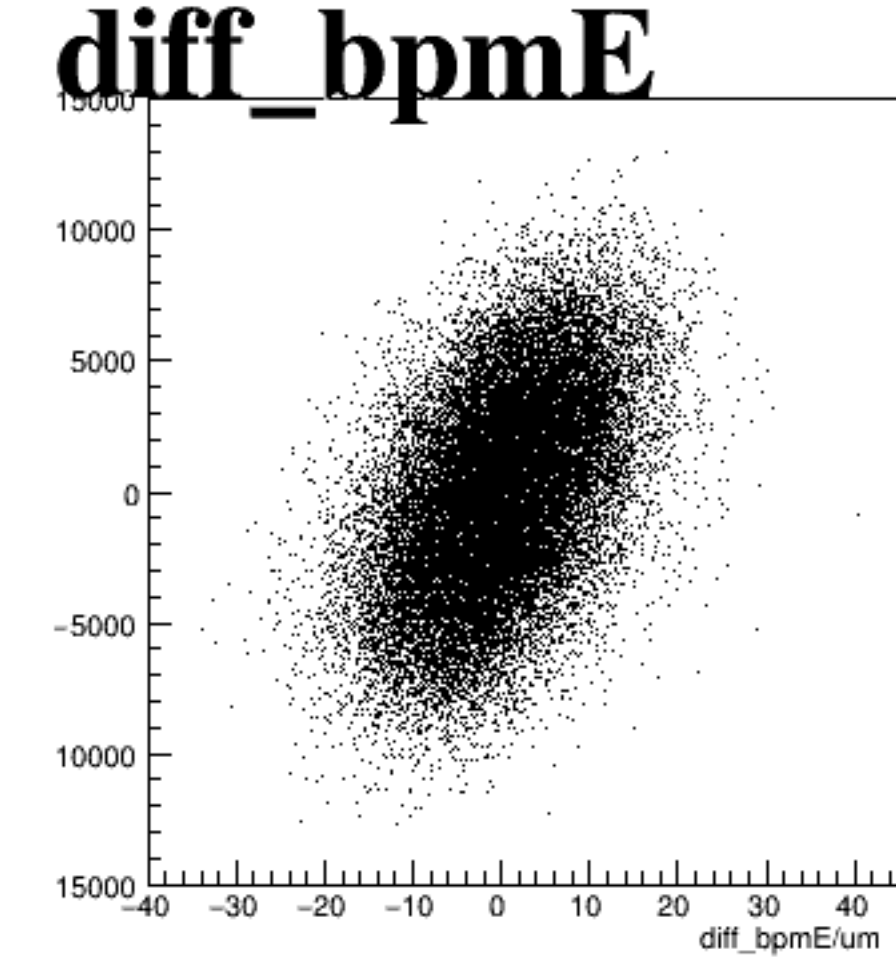
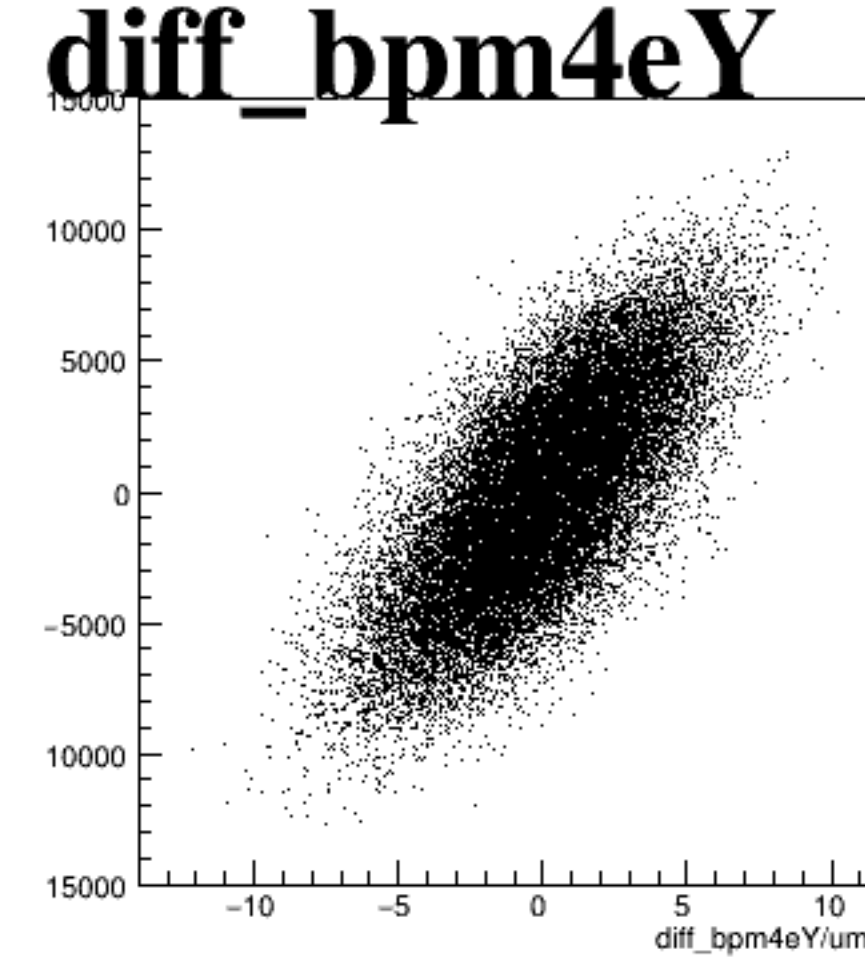
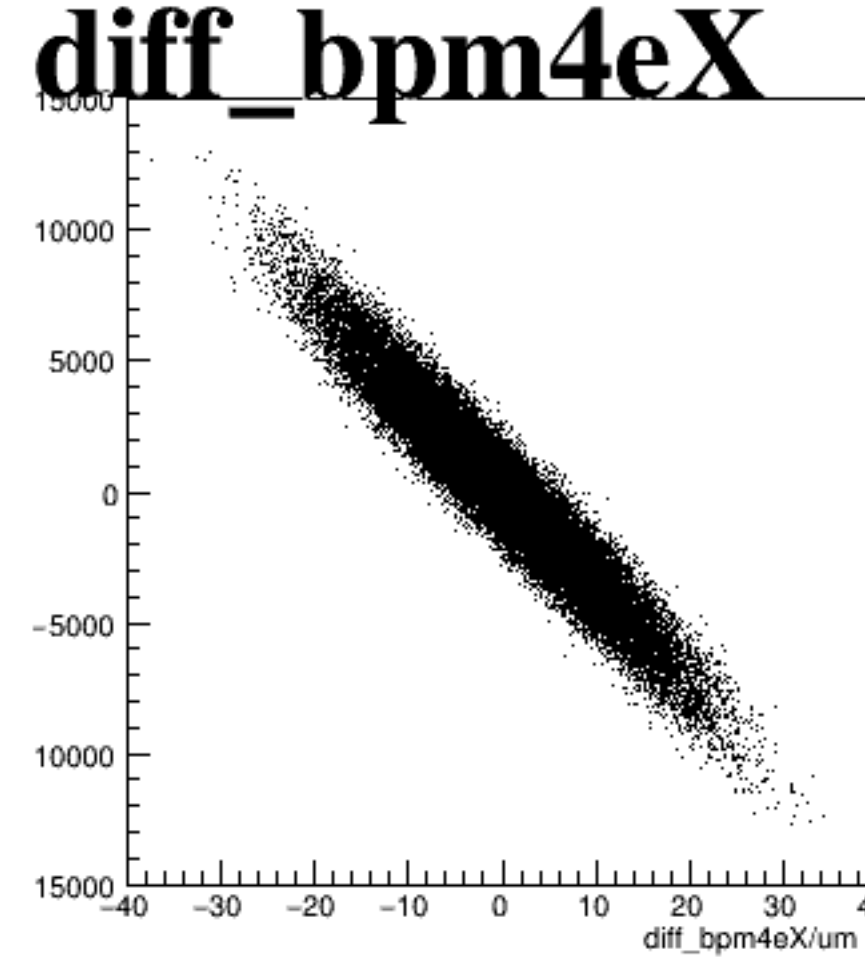
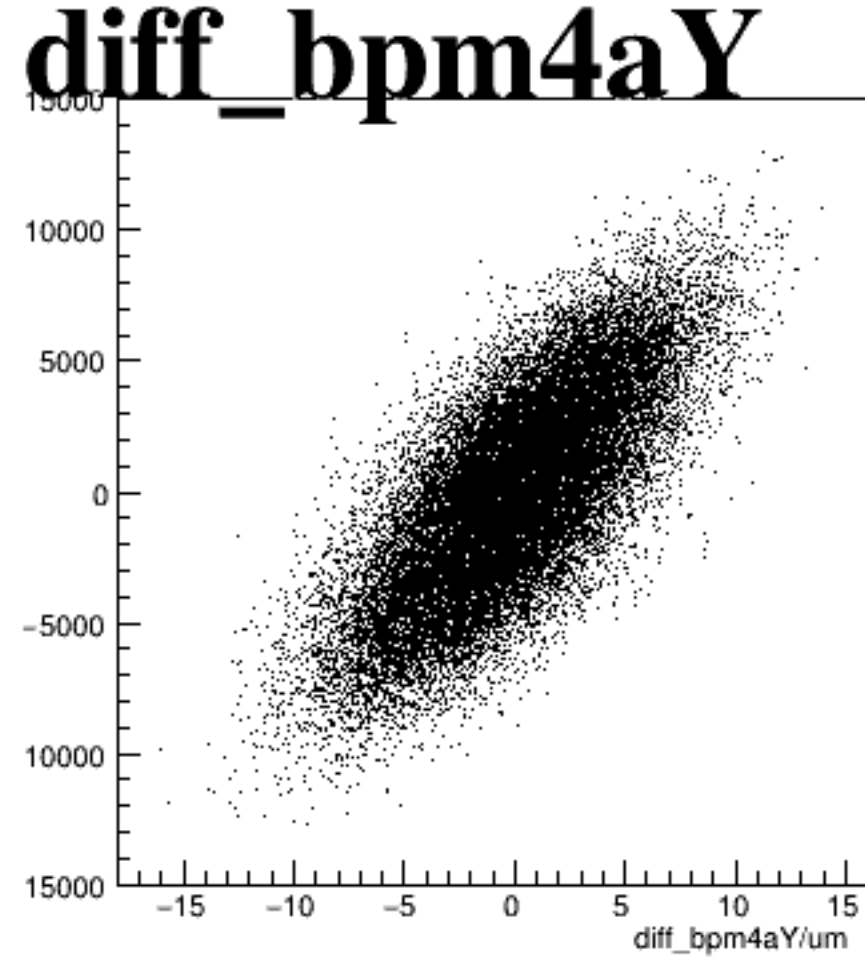
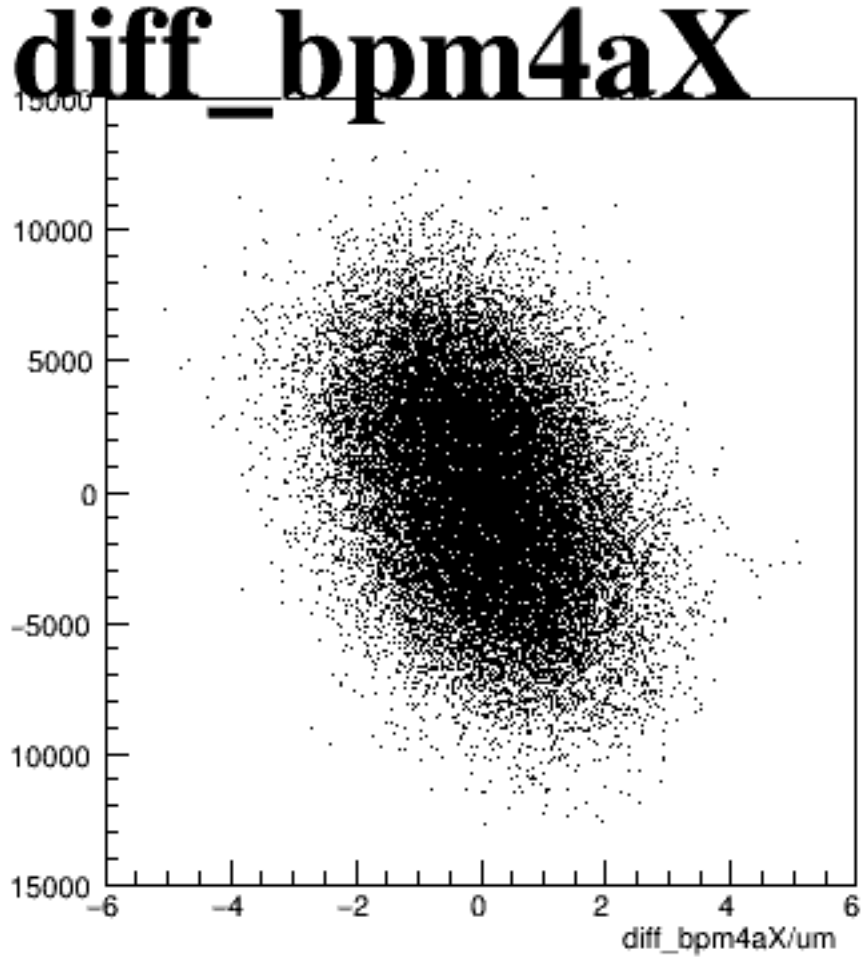
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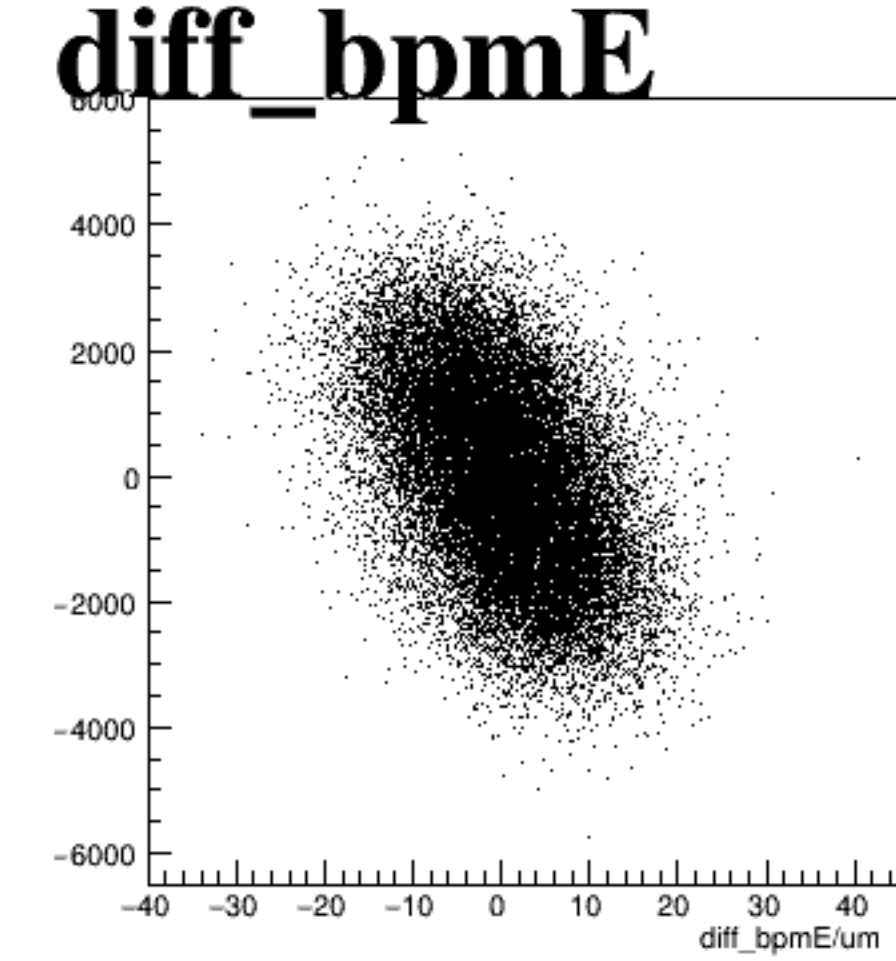
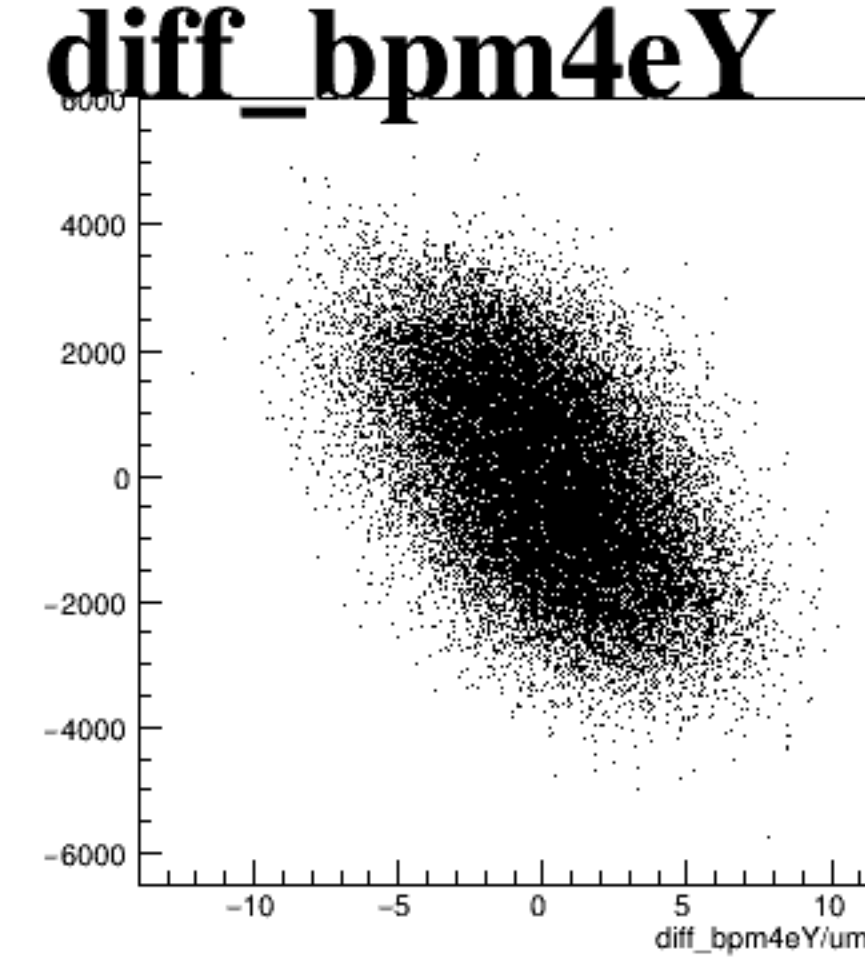
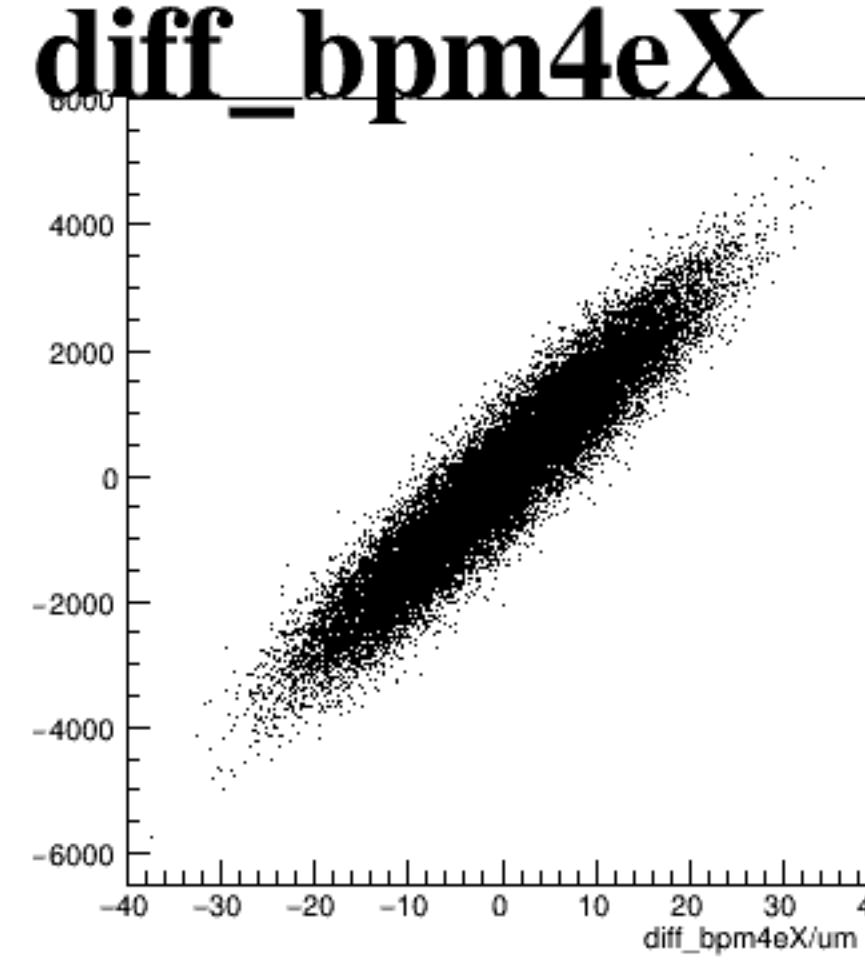
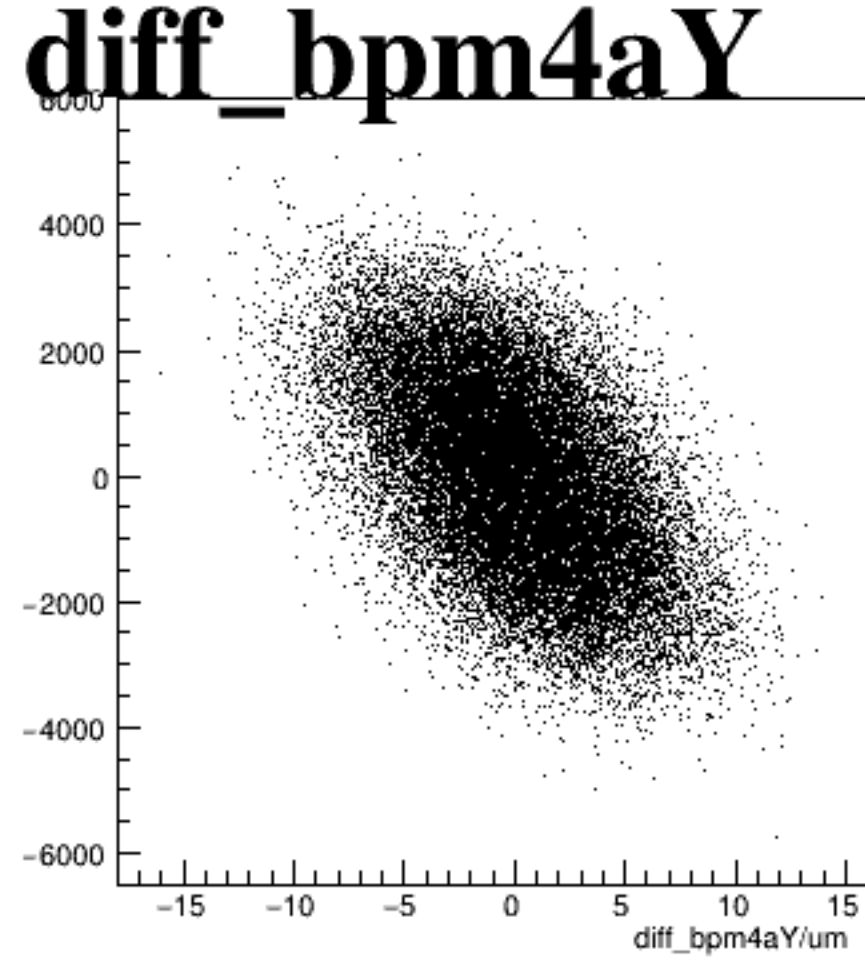
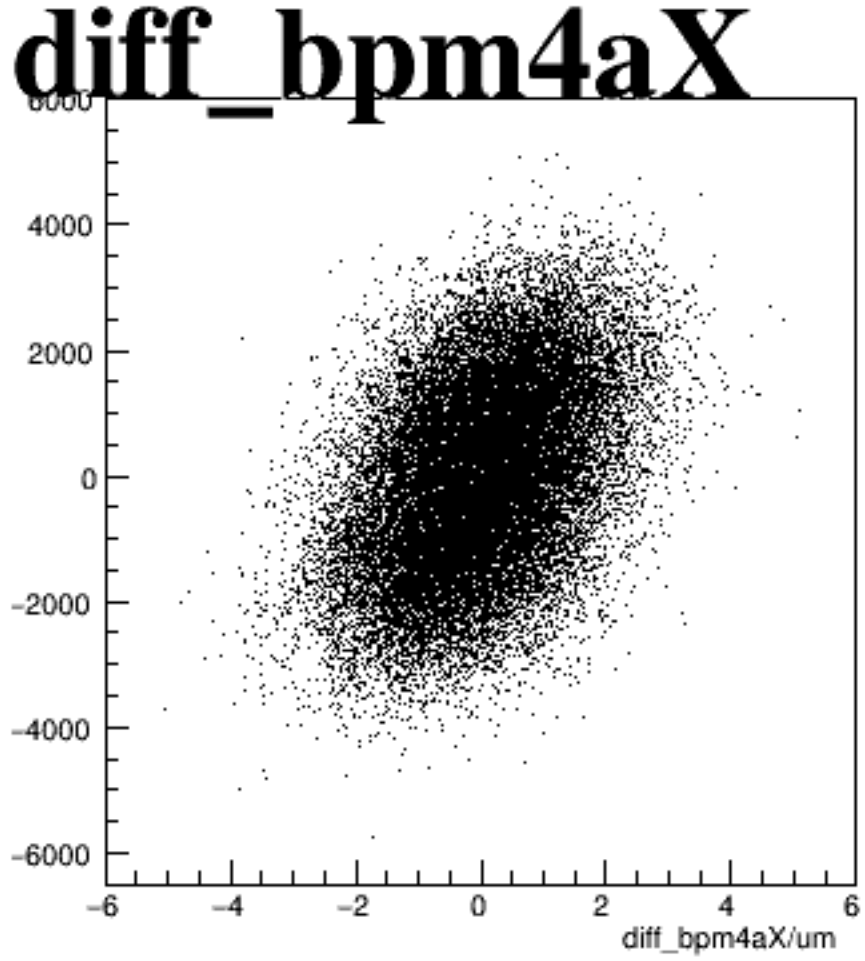
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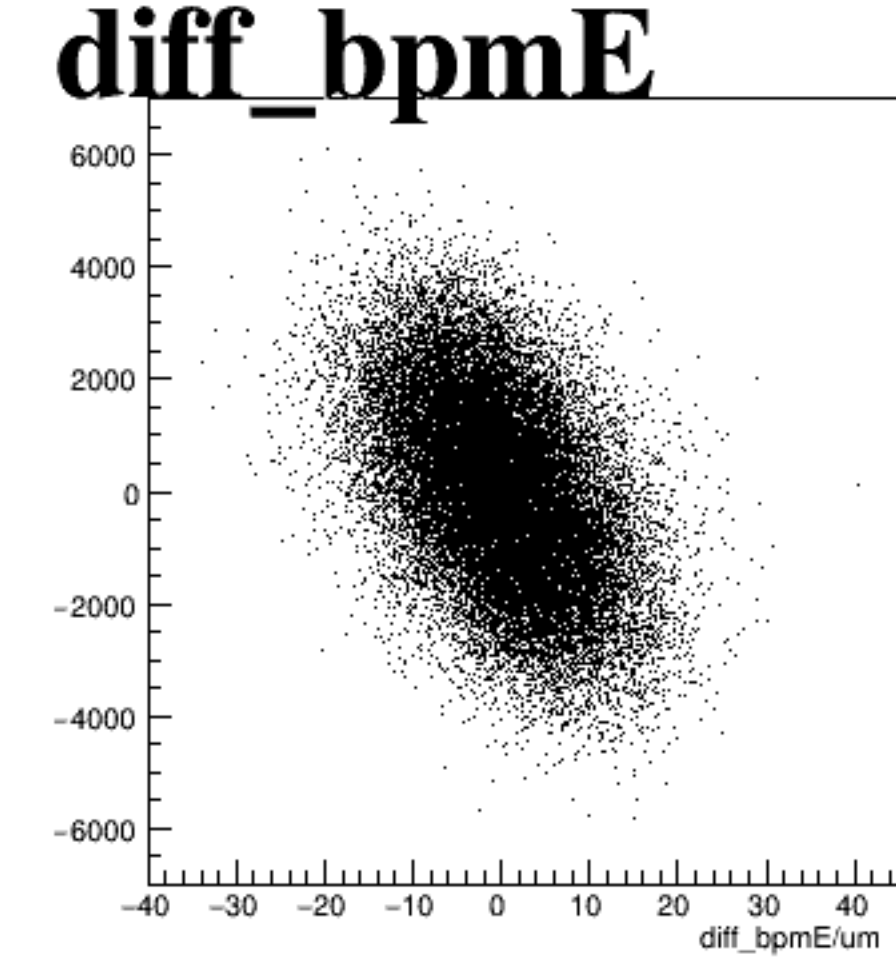
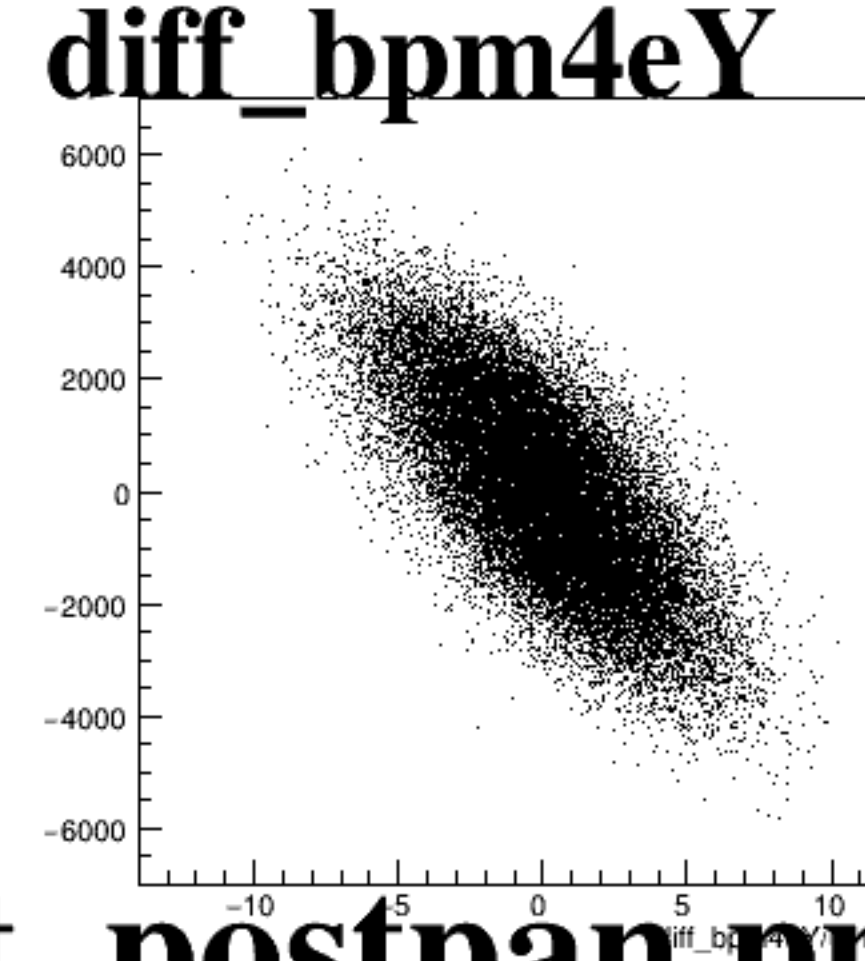
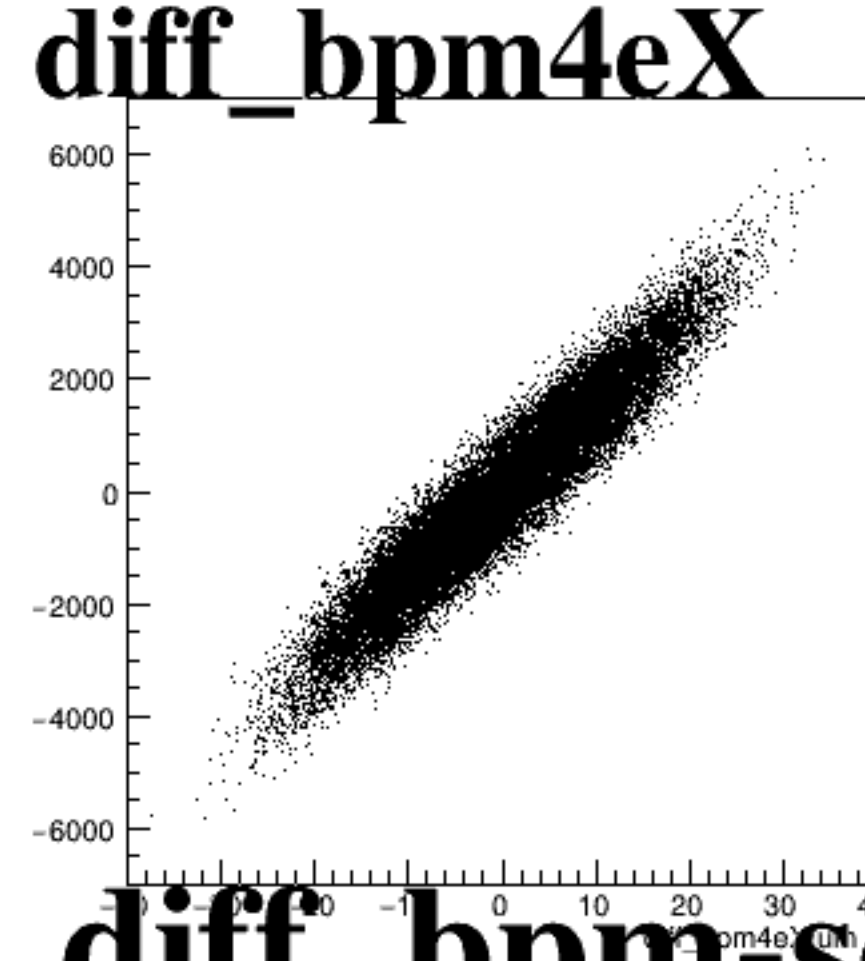
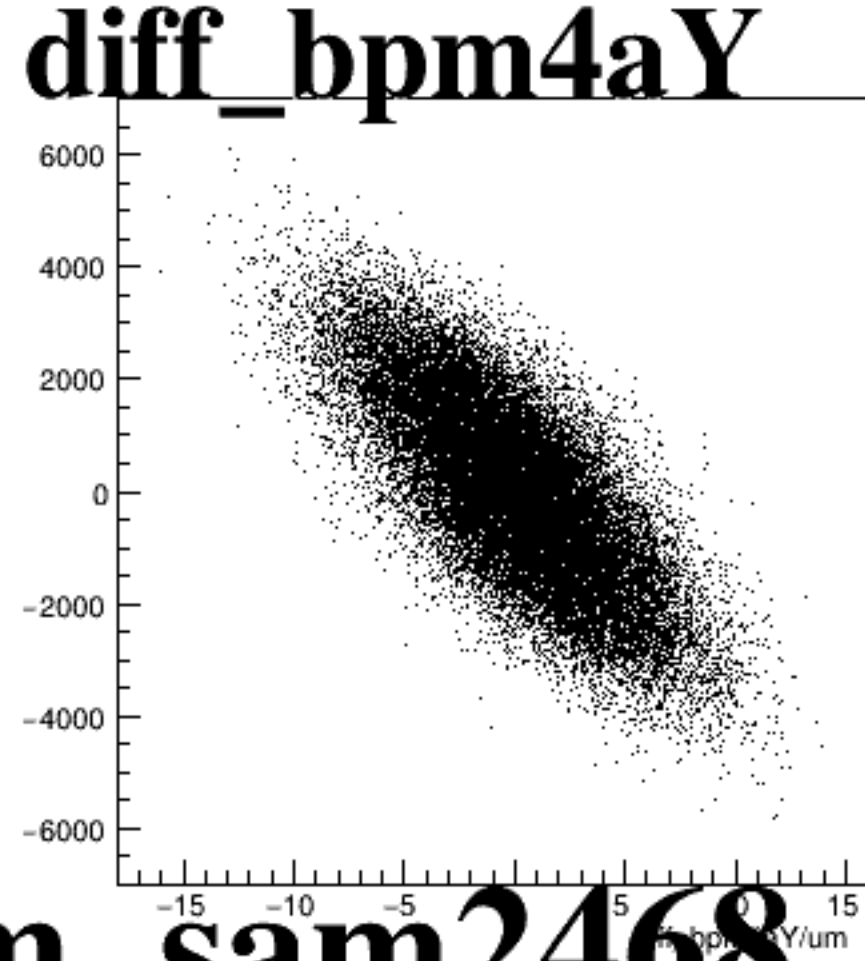
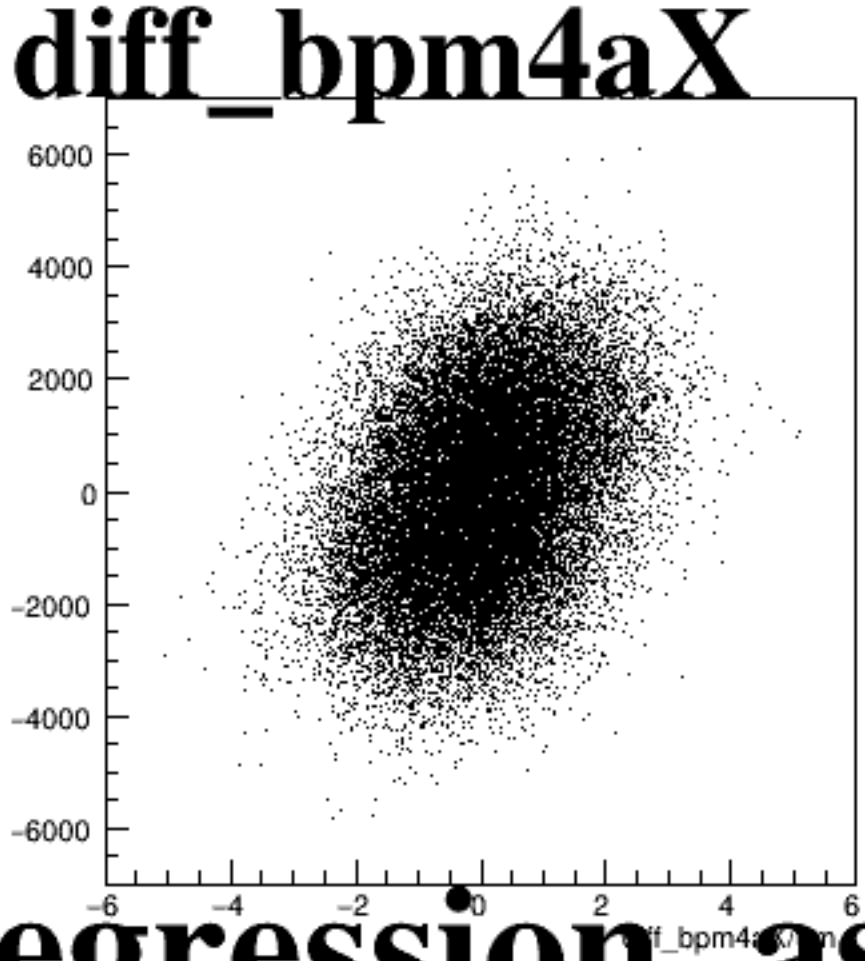
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asym_sam6



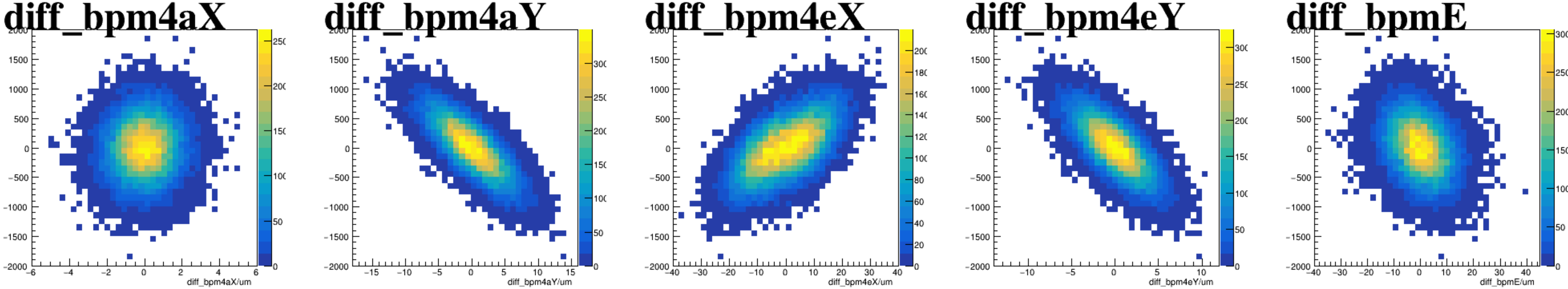
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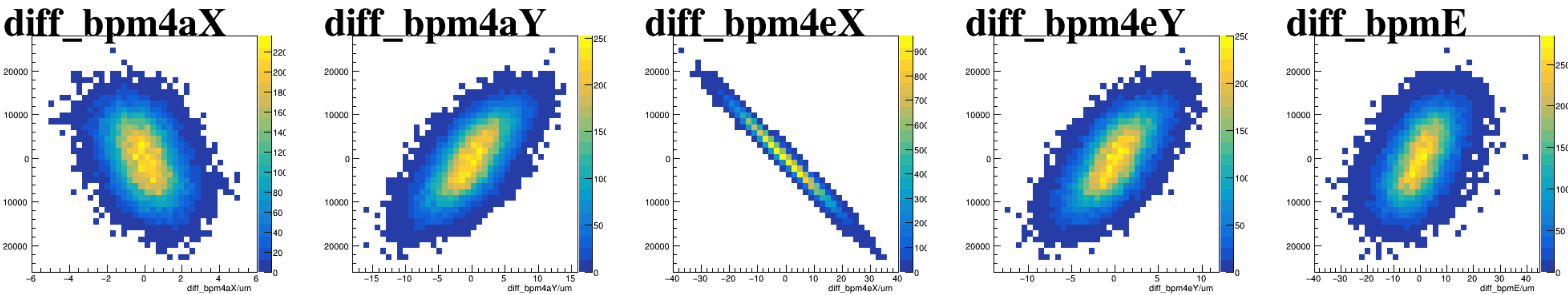
The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM coordinates for a specific beam position. The y-axis for all plots ranges from -2000 to 1500. The x-axis for each plot represents the difference in BPM coordinates for that specific position, with labels like 'diff_bpm4aX/um' and 'diff_bpm4aY/um'.

- diff_bpm4aX**: The x-axis ranges from -6 to 6. The data points are centered around 0.
- diff_bpm4aY**: The x-axis ranges from -15 to 15. The data points are centered around 0.
- diff_bpm4eX**: The x-axis ranges from -40 to 40. The data points are centered around 0.
- diff_bpm4eY**: The x-axis ranges from -10 to 10. The data points are centered around 0.
- diff_bpmE**: The x-axis ranges from -40 to 40. The data points are centered around 0.

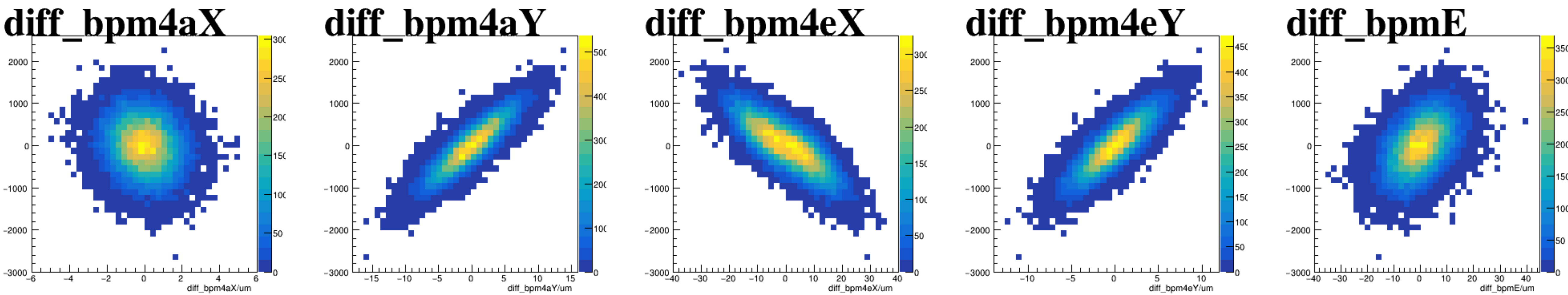
asym_sam1



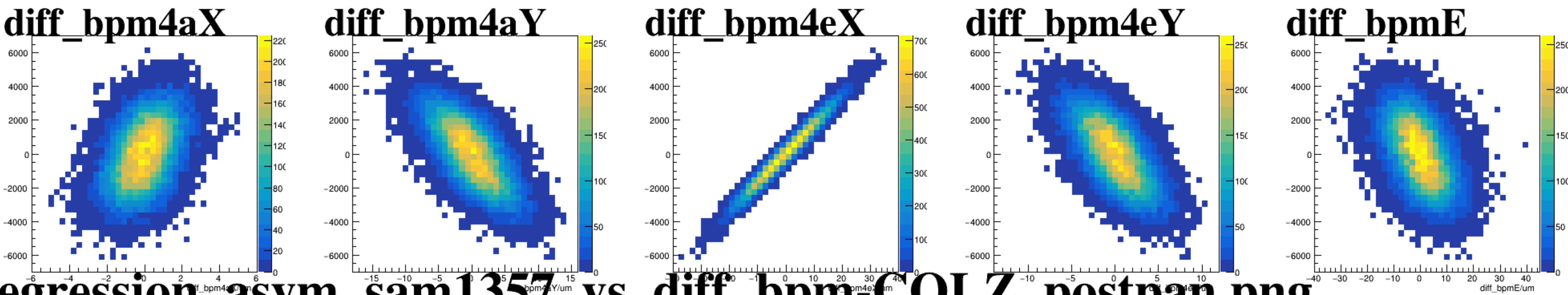
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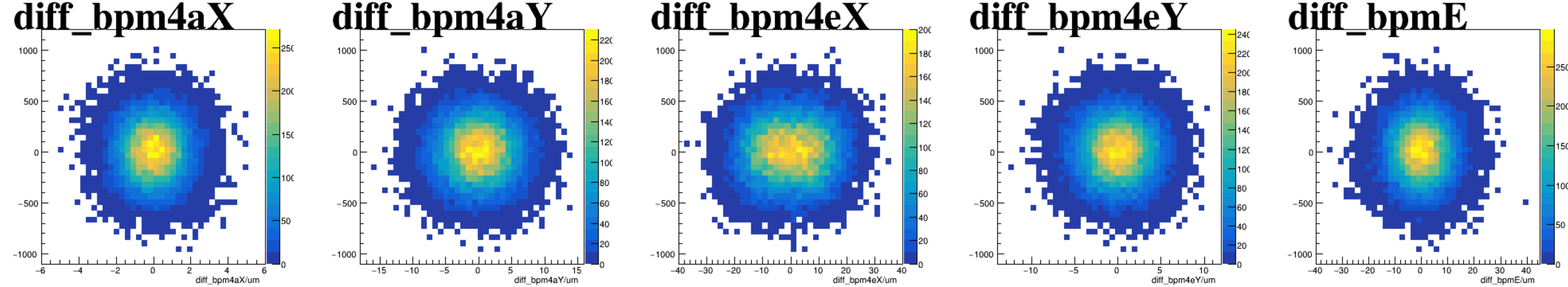
asym_sam5



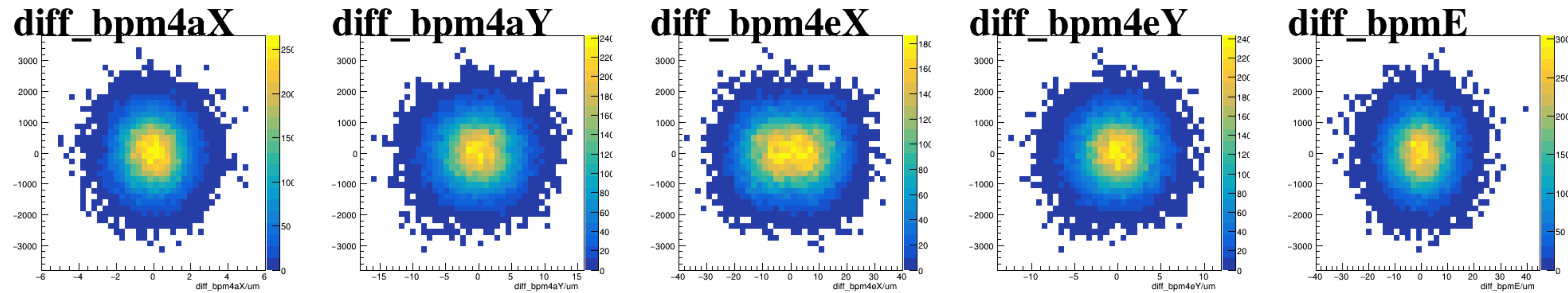
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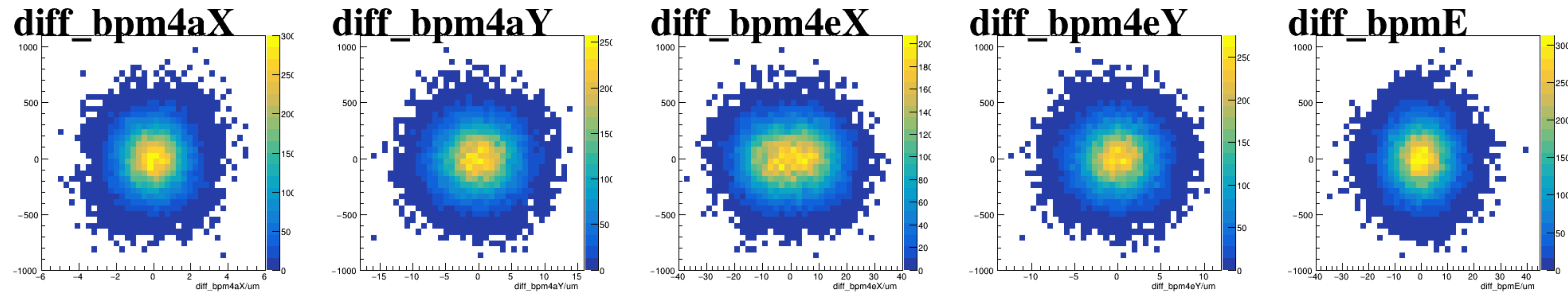
reg_asym_sam1



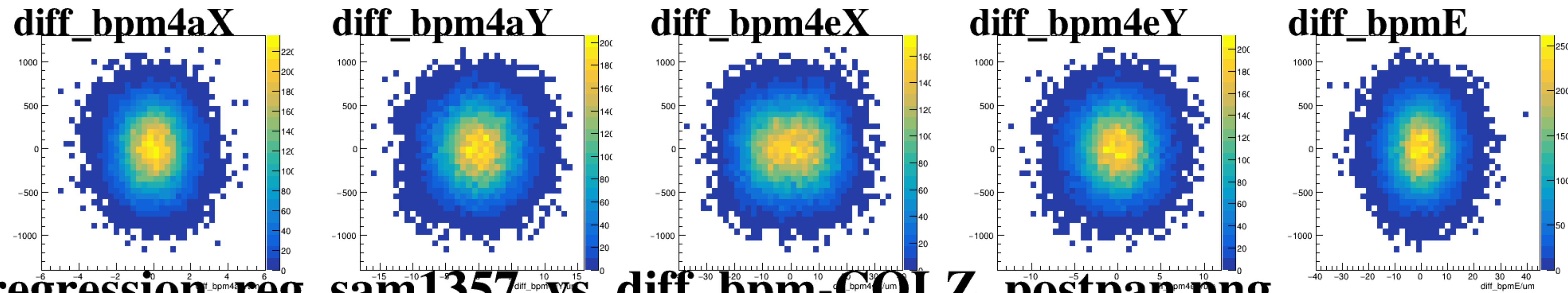
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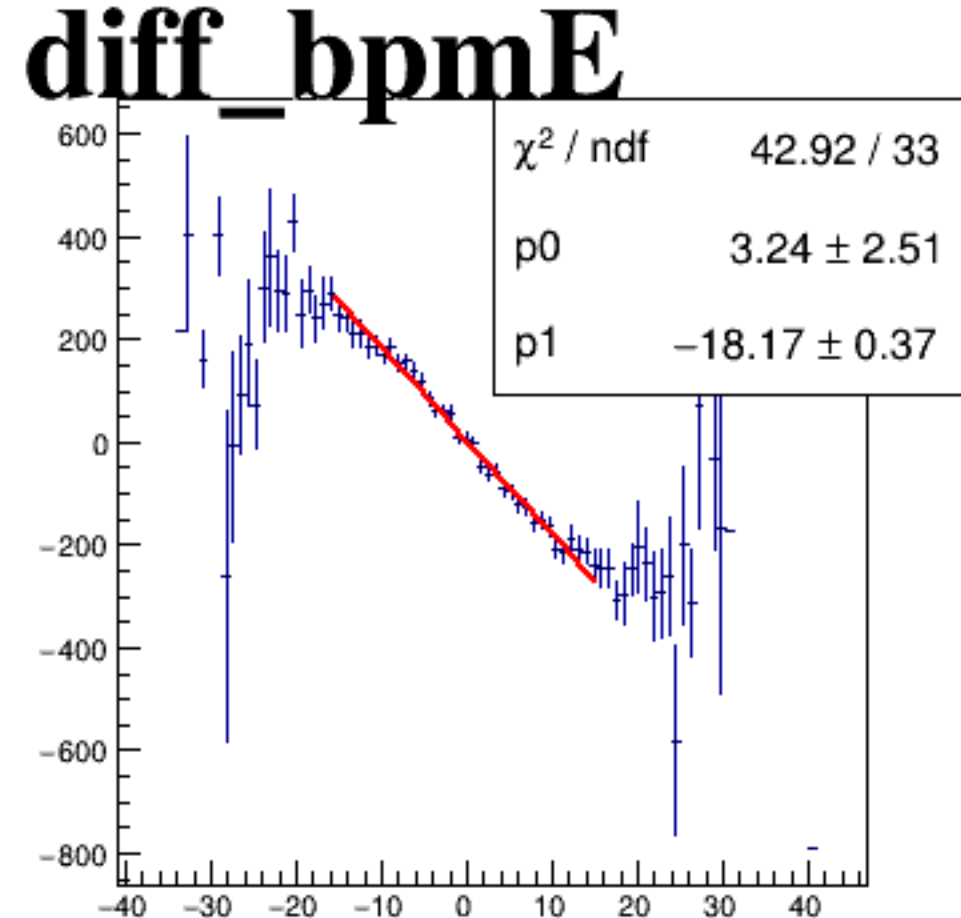
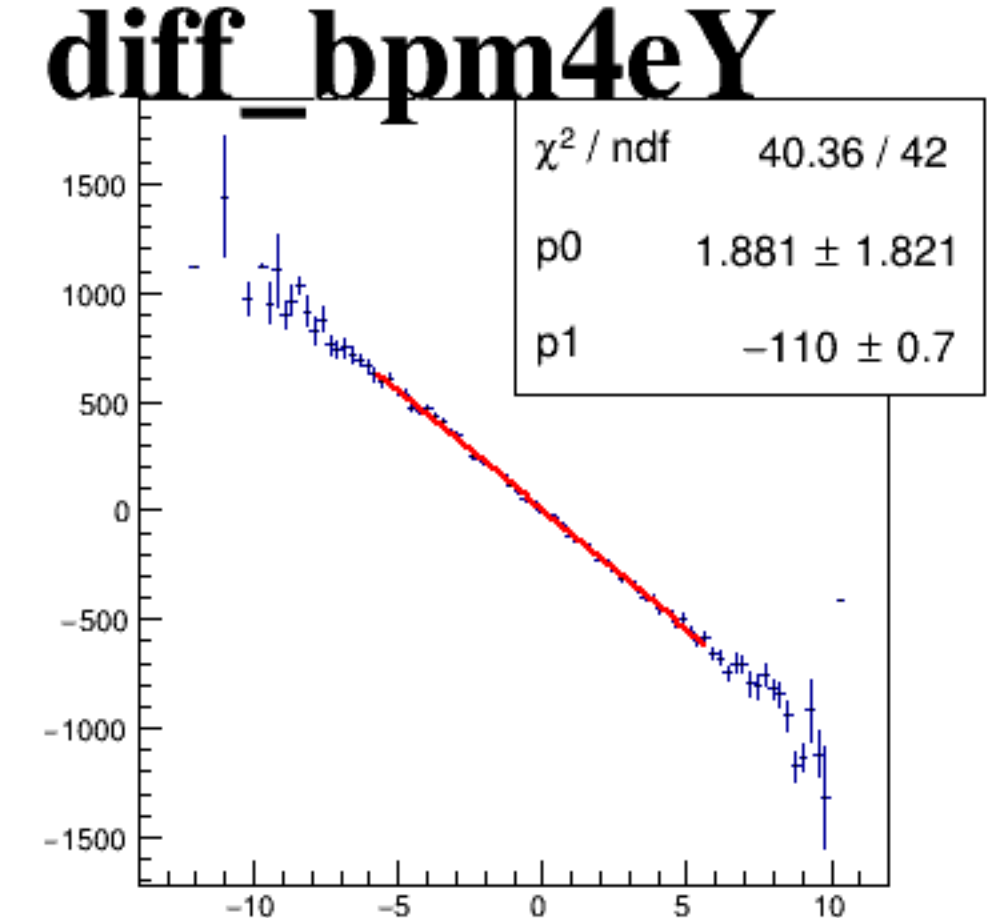
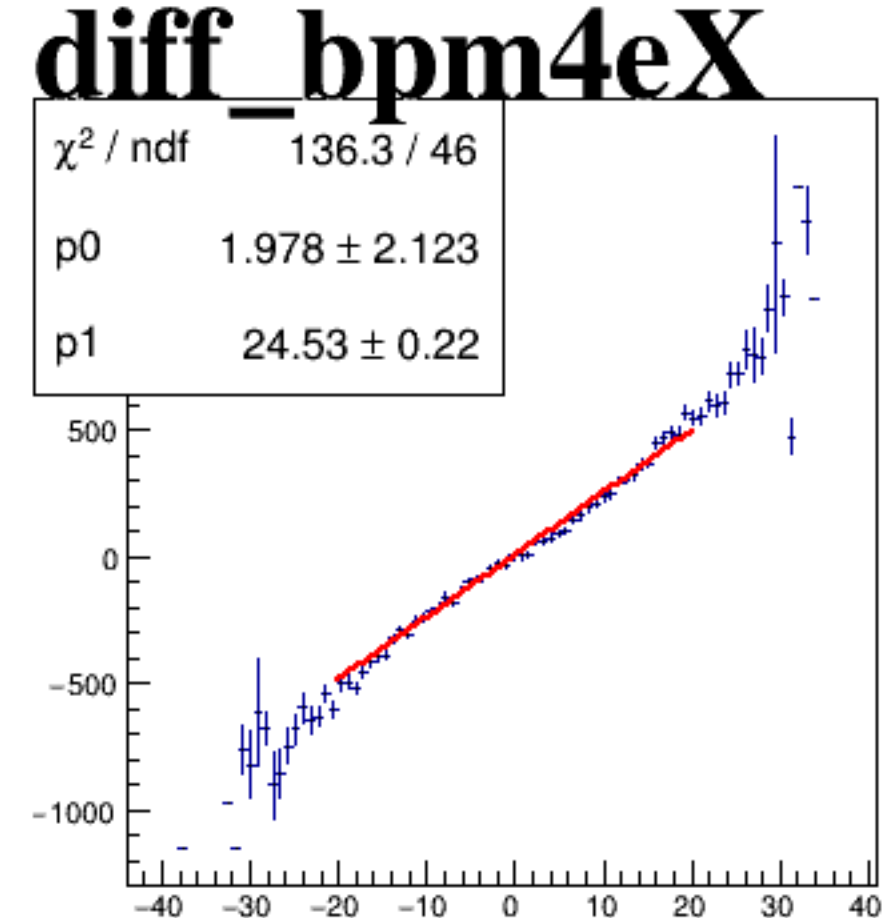
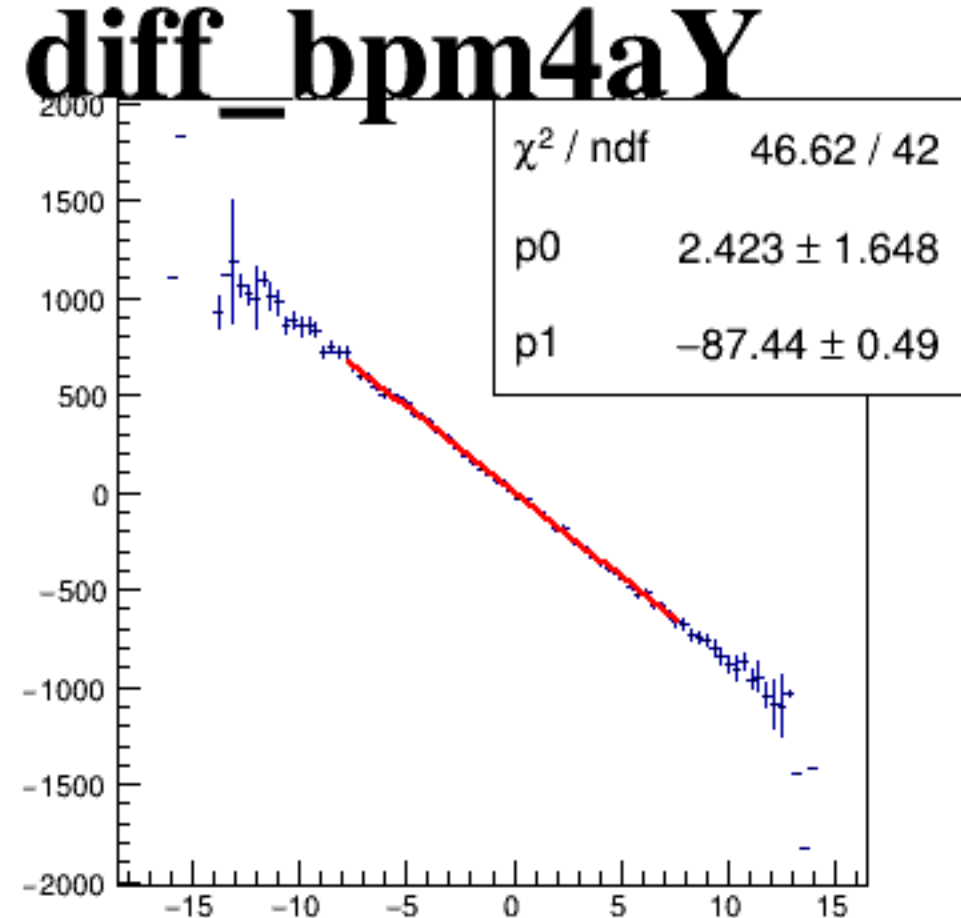
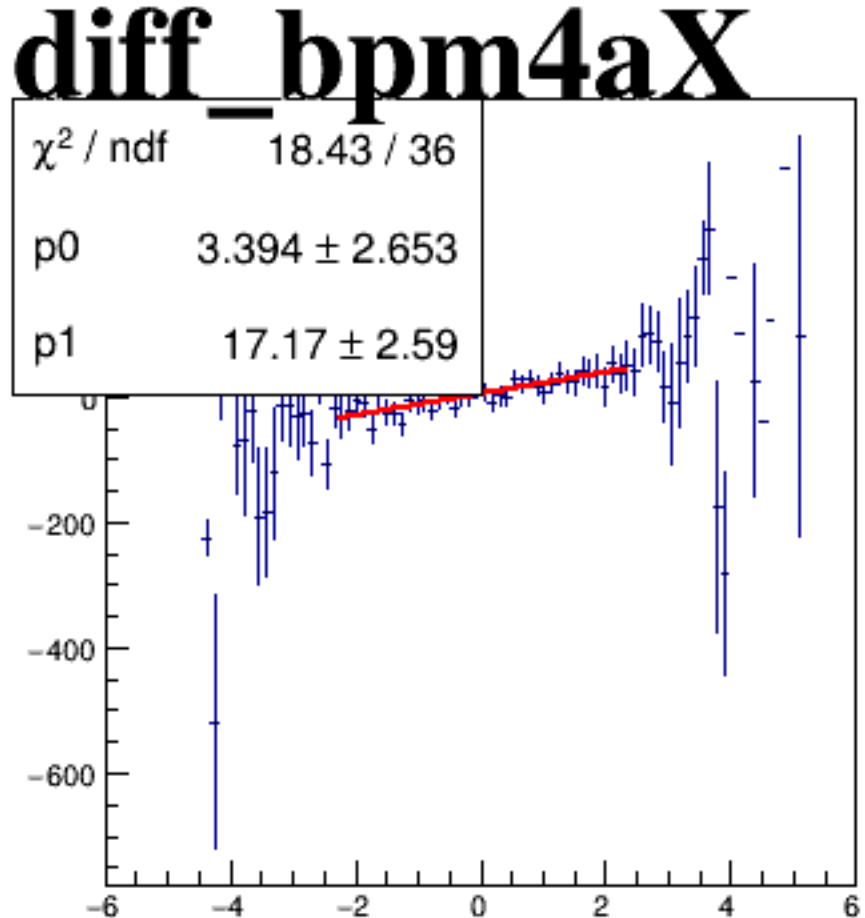
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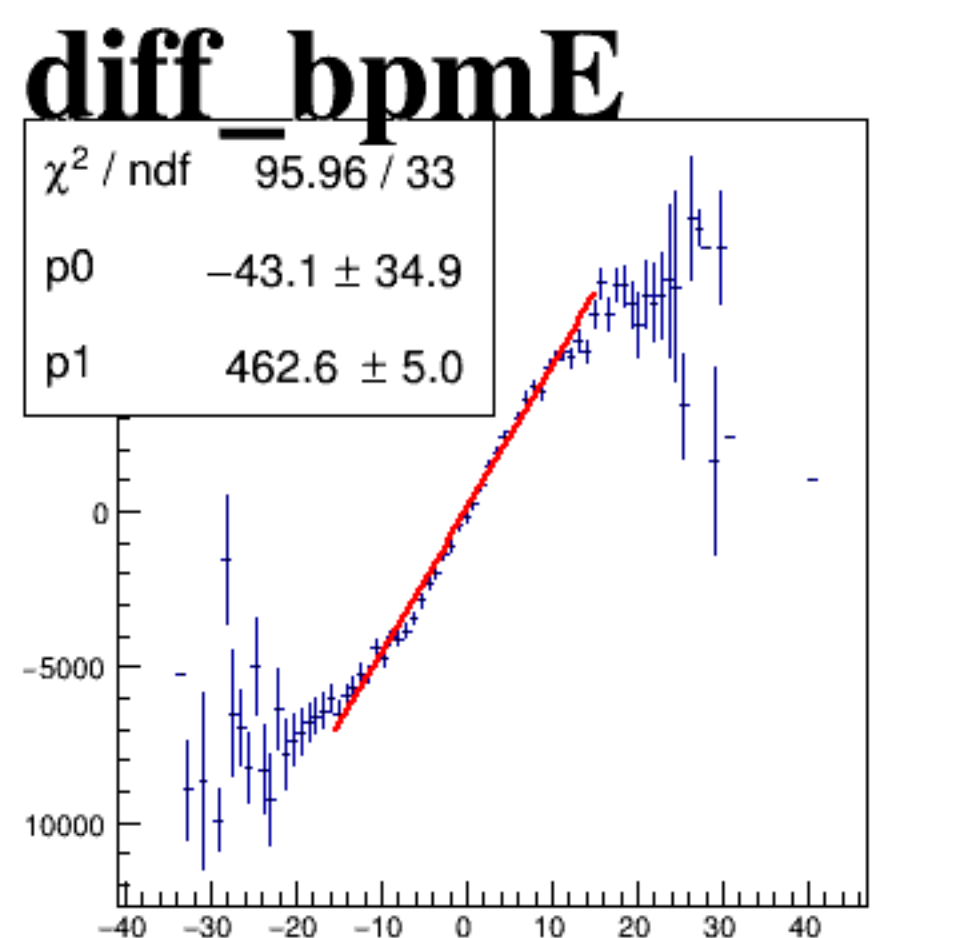
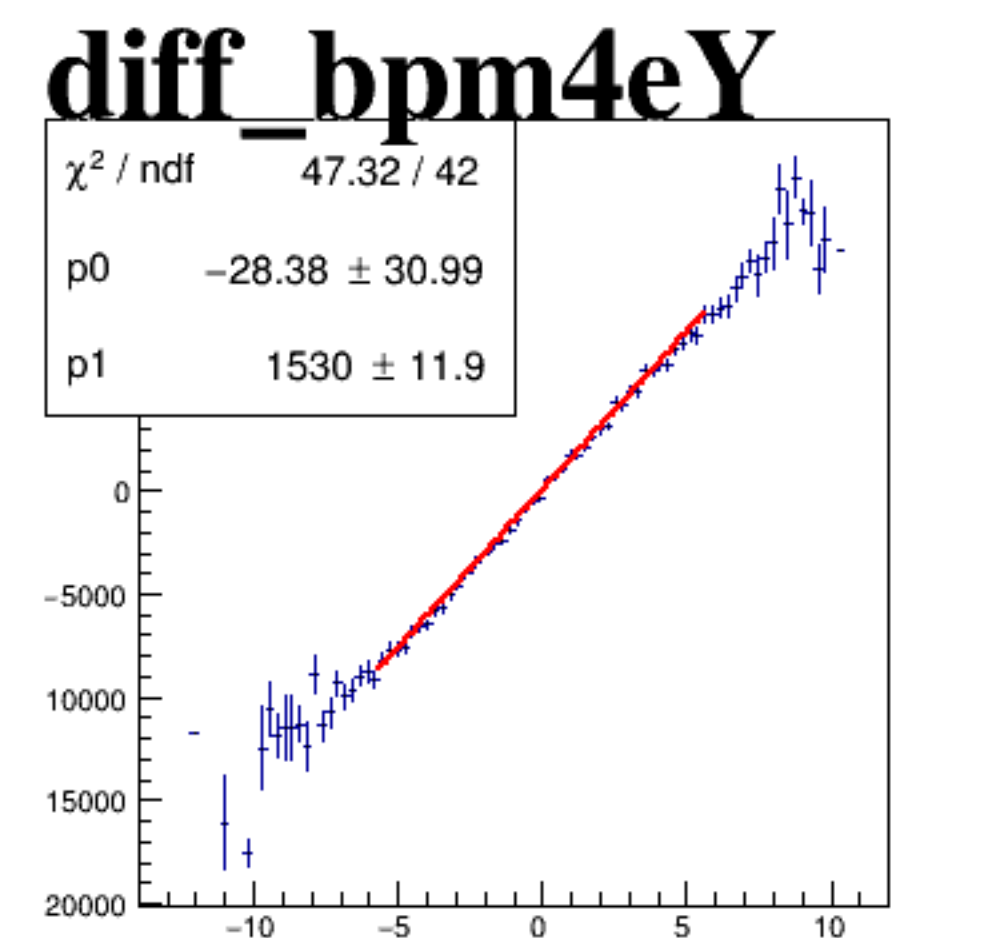
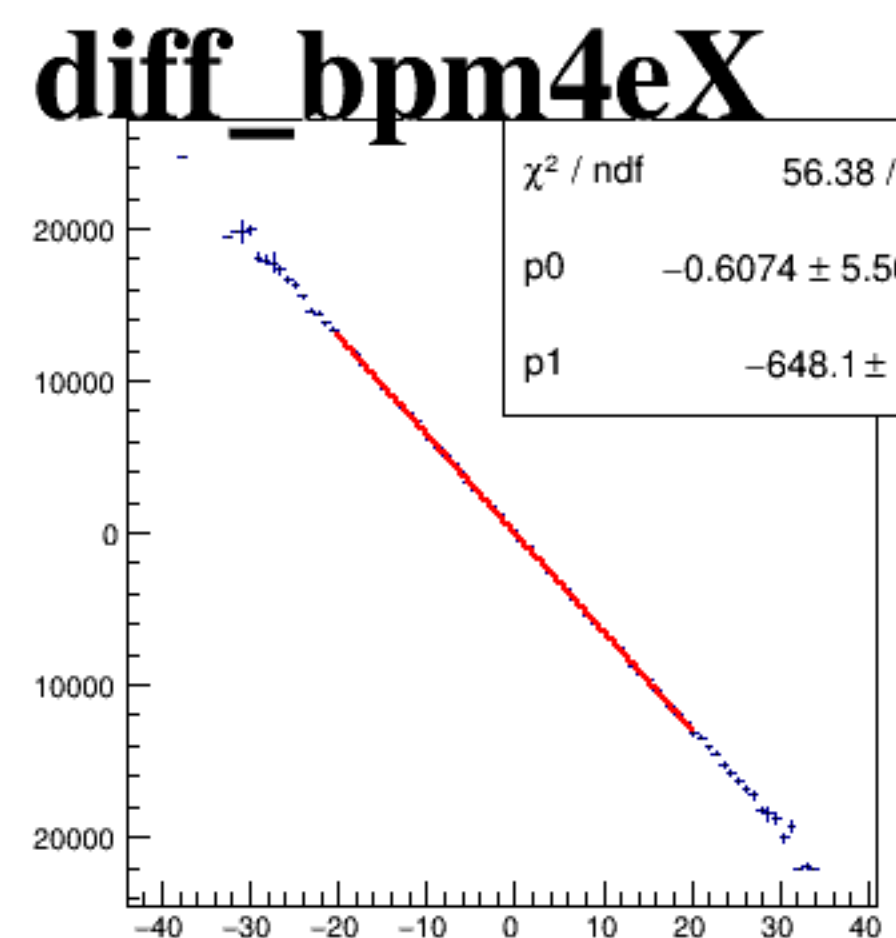
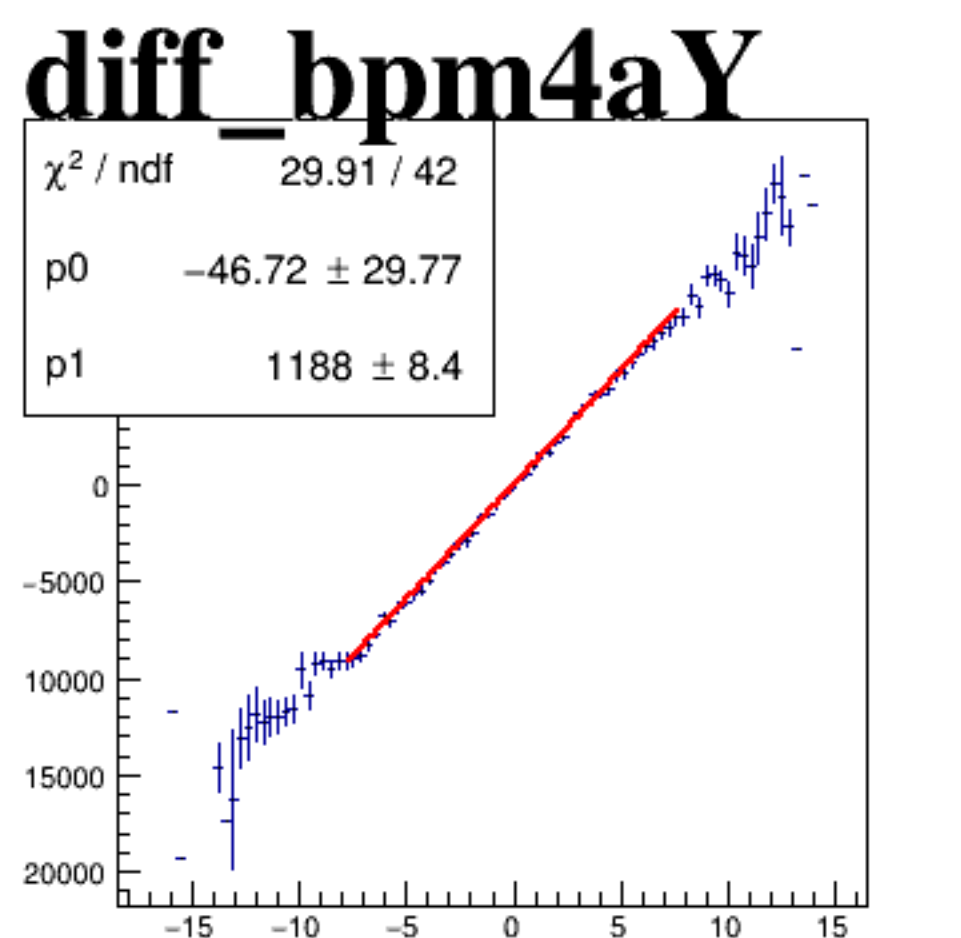
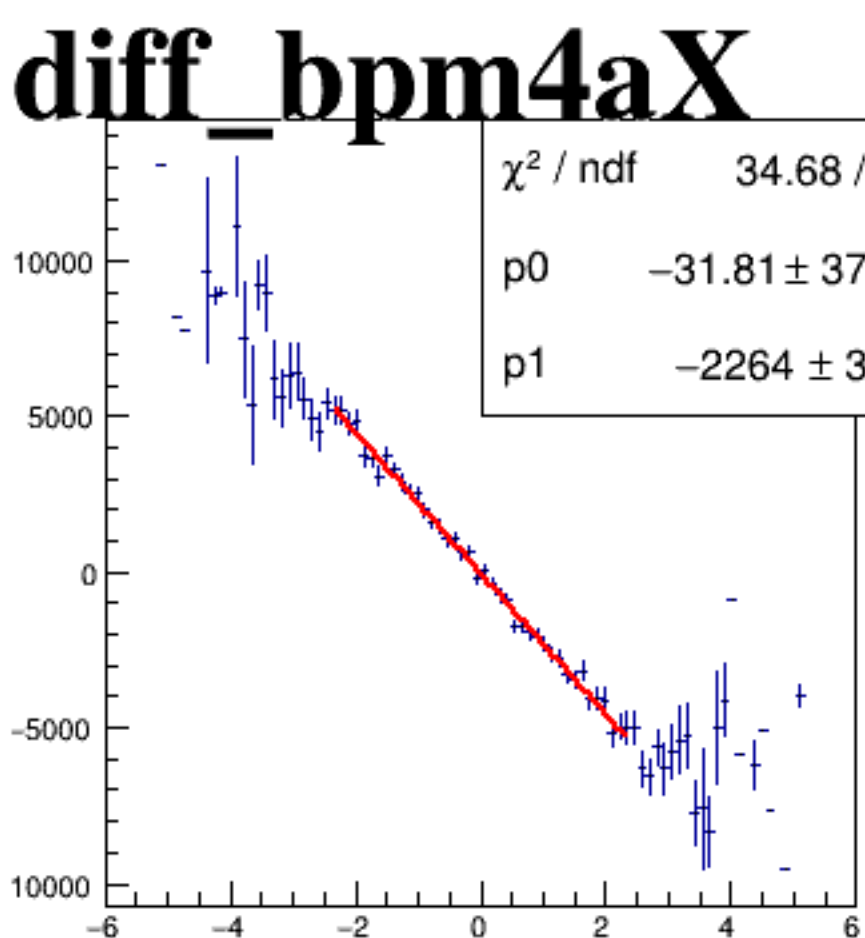
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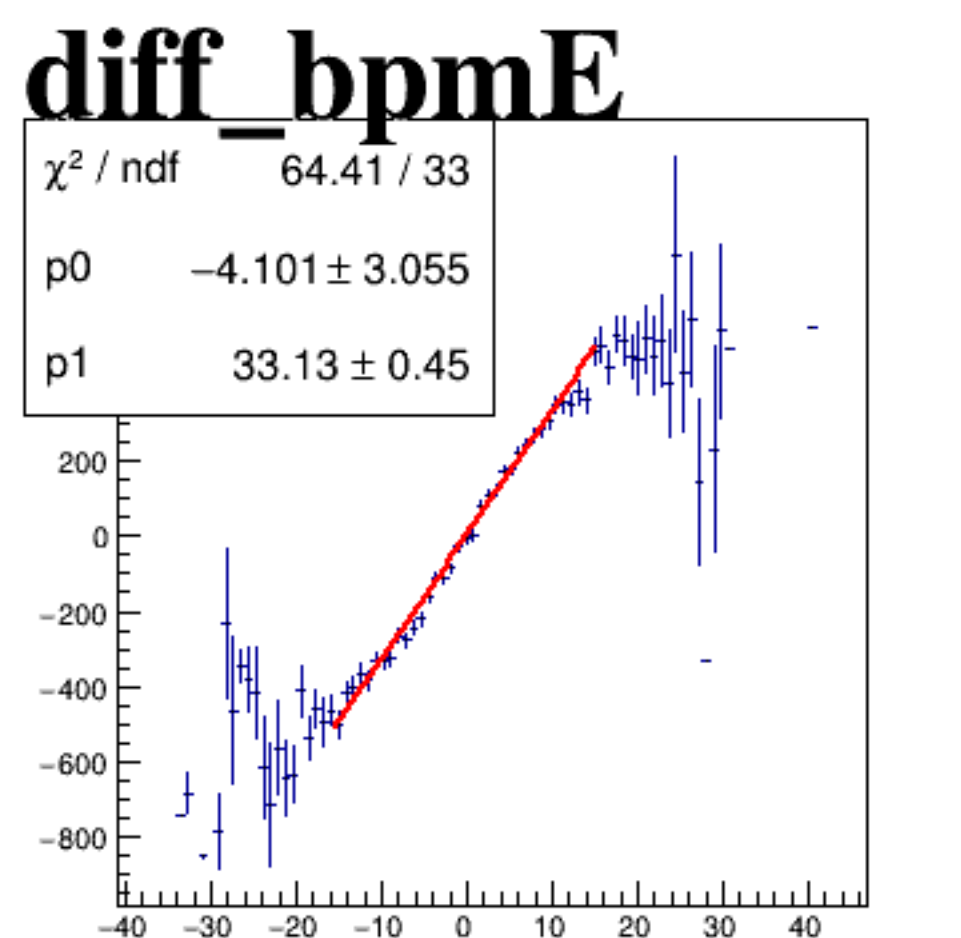
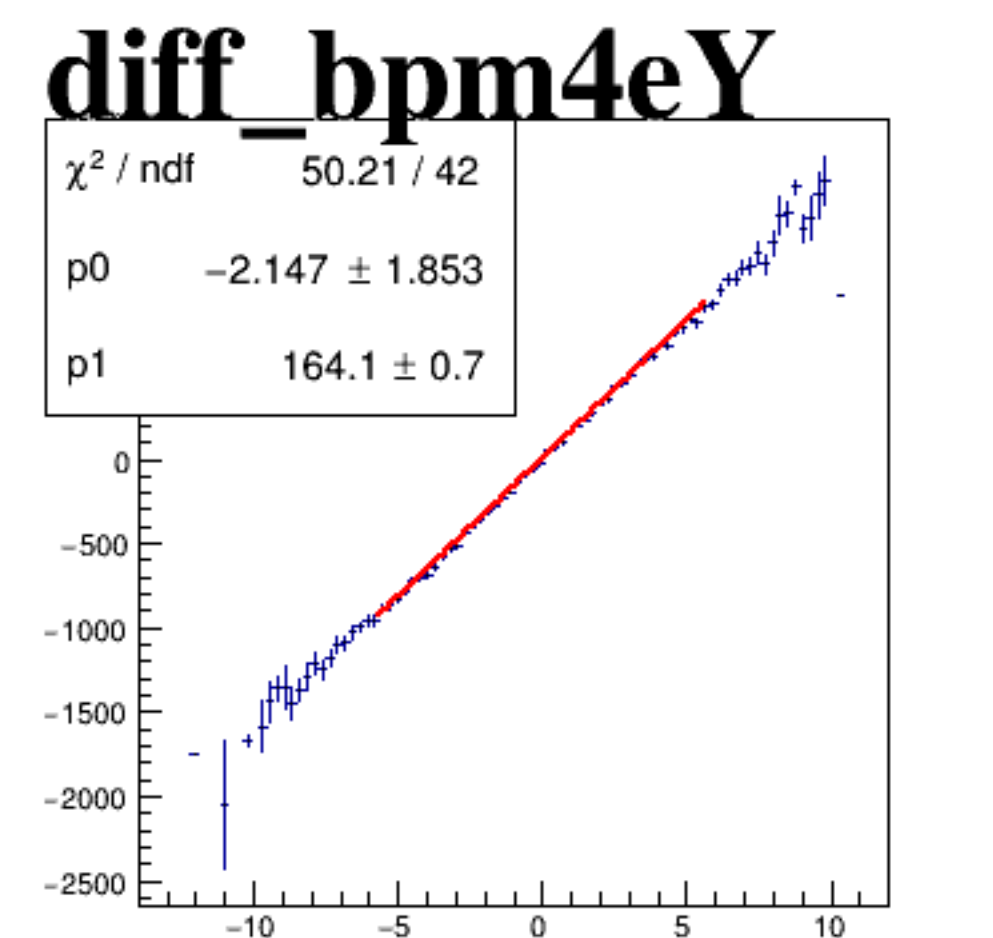
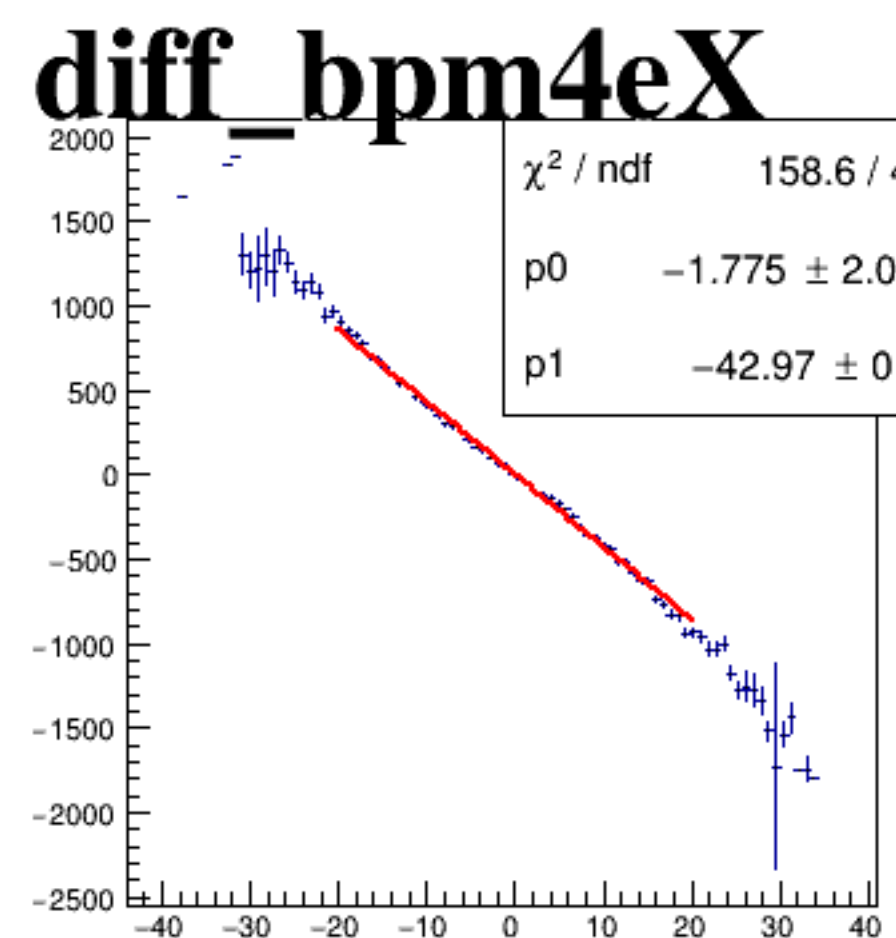
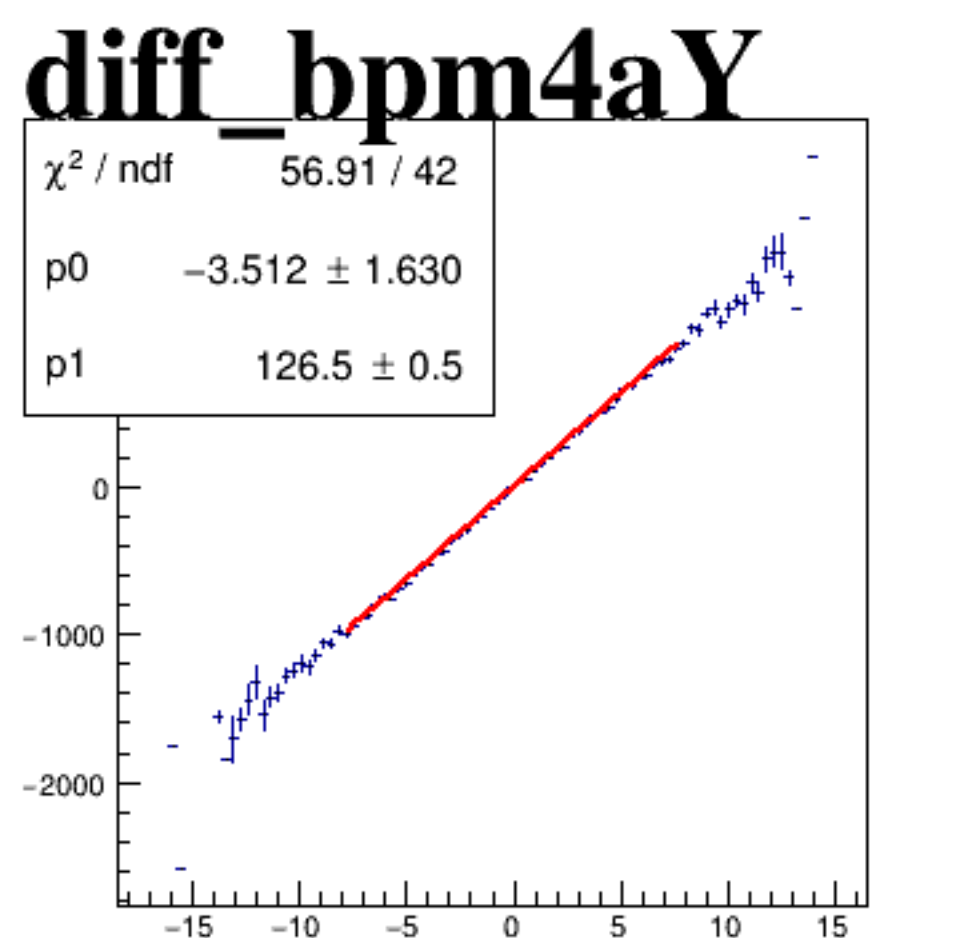
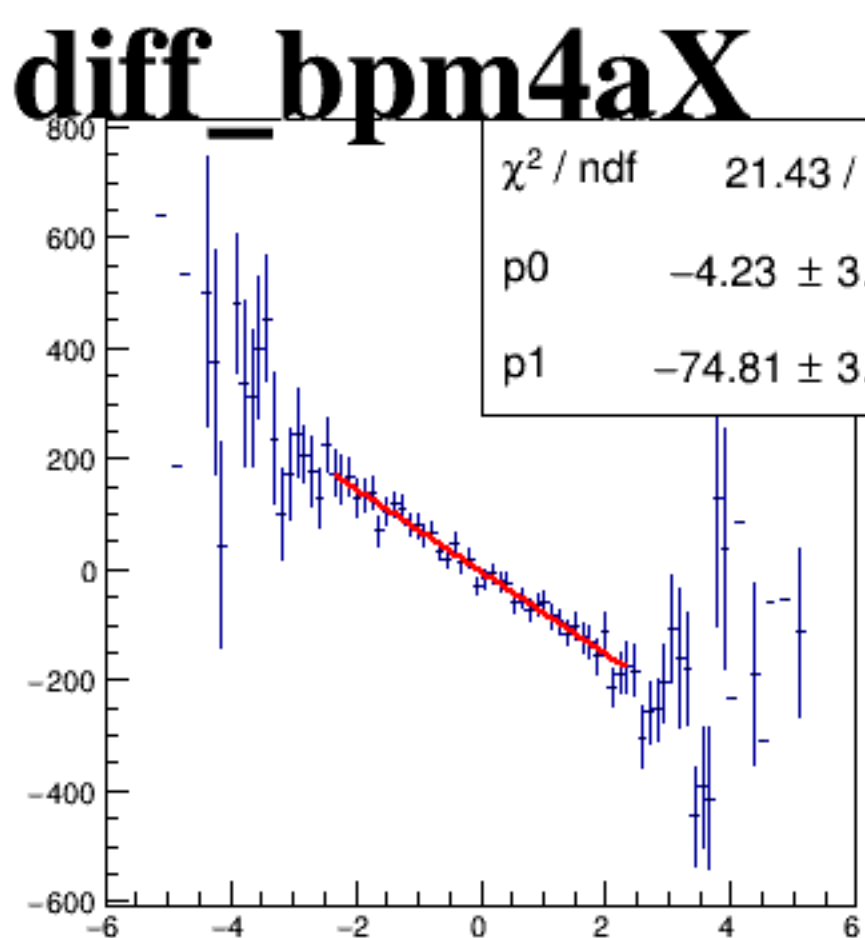
asym_sam1



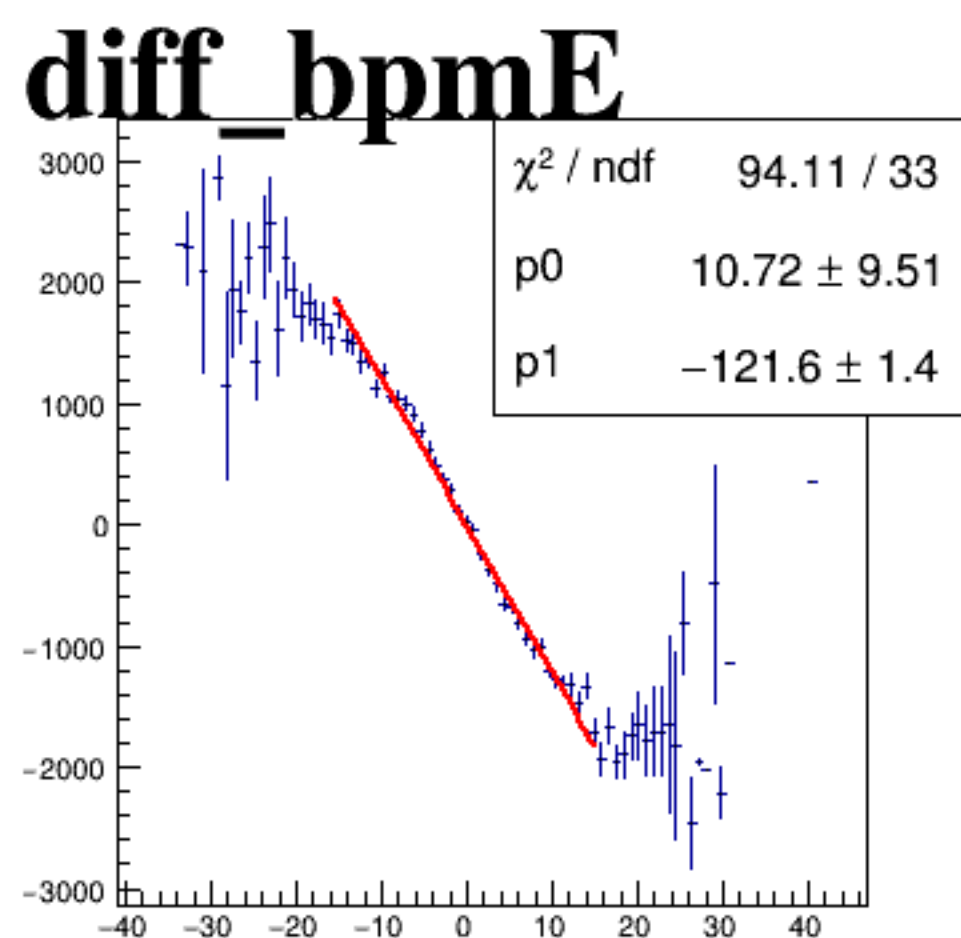
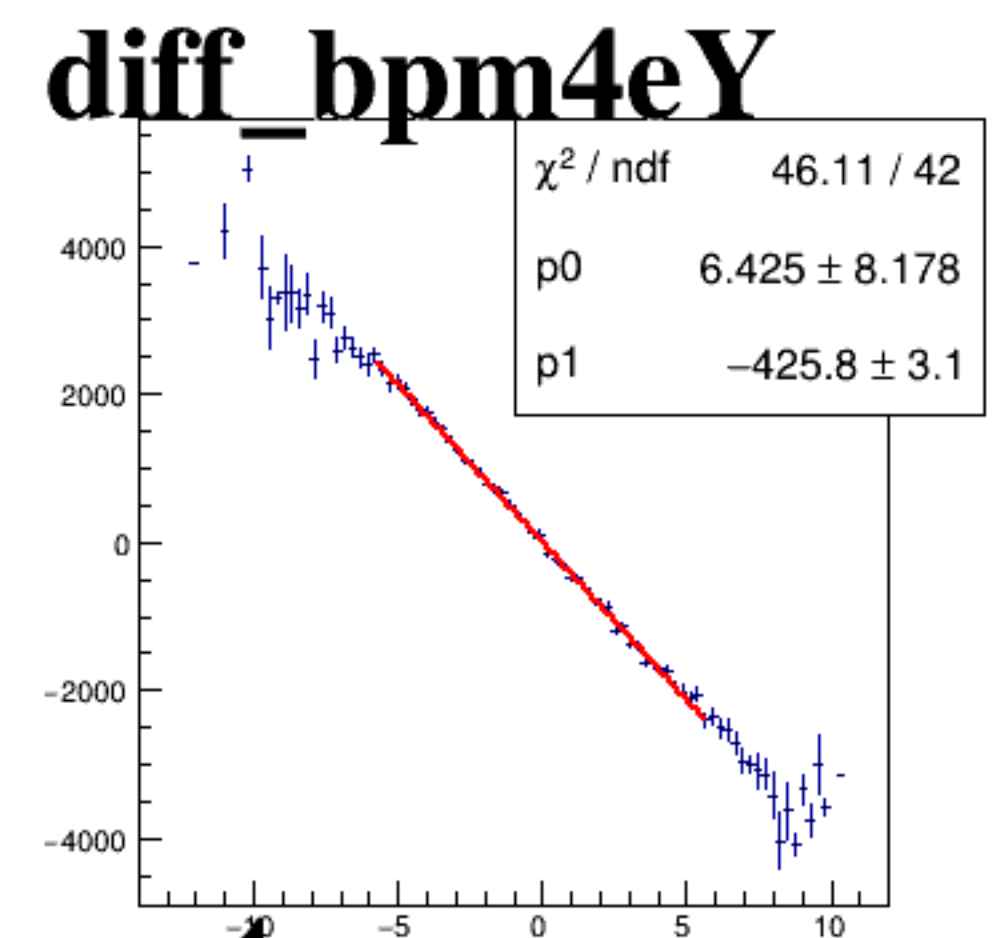
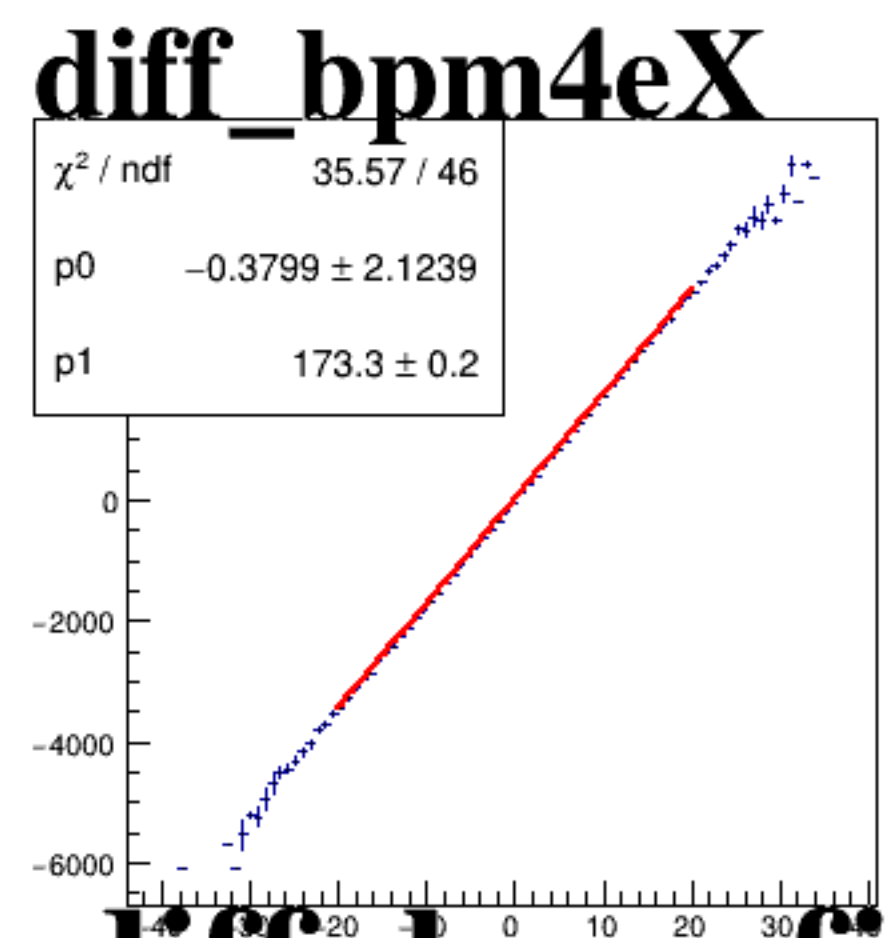
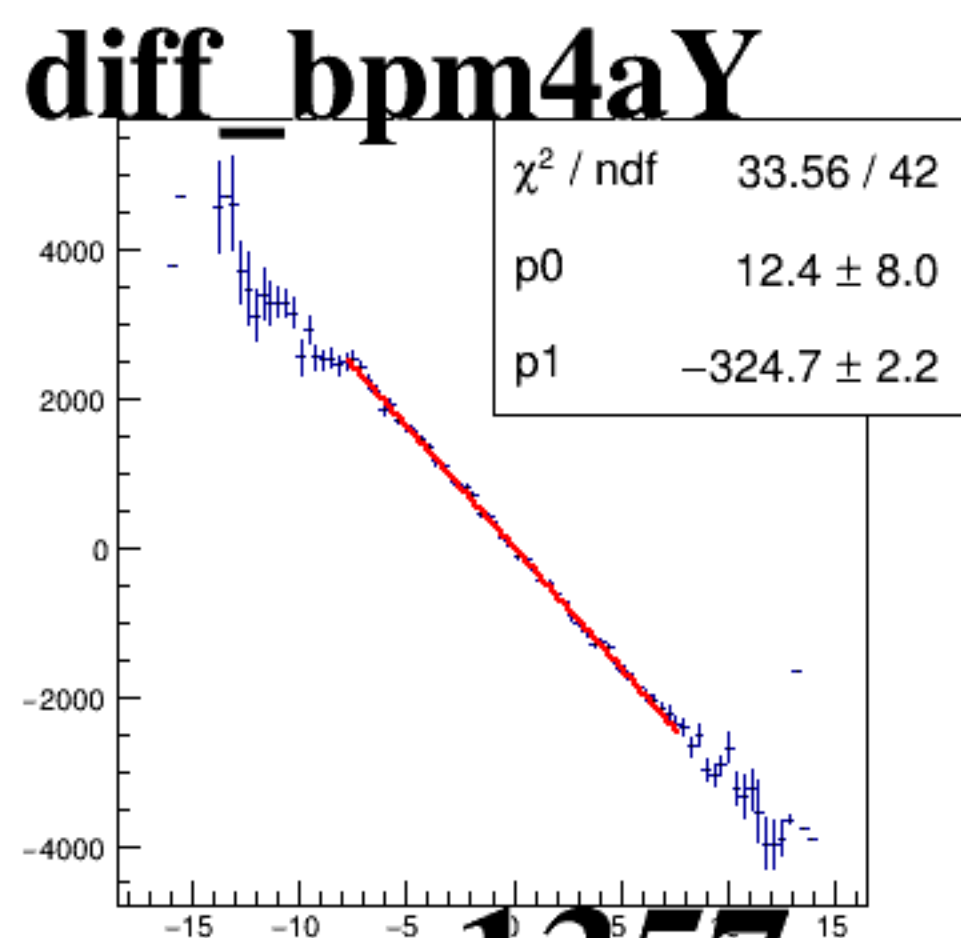
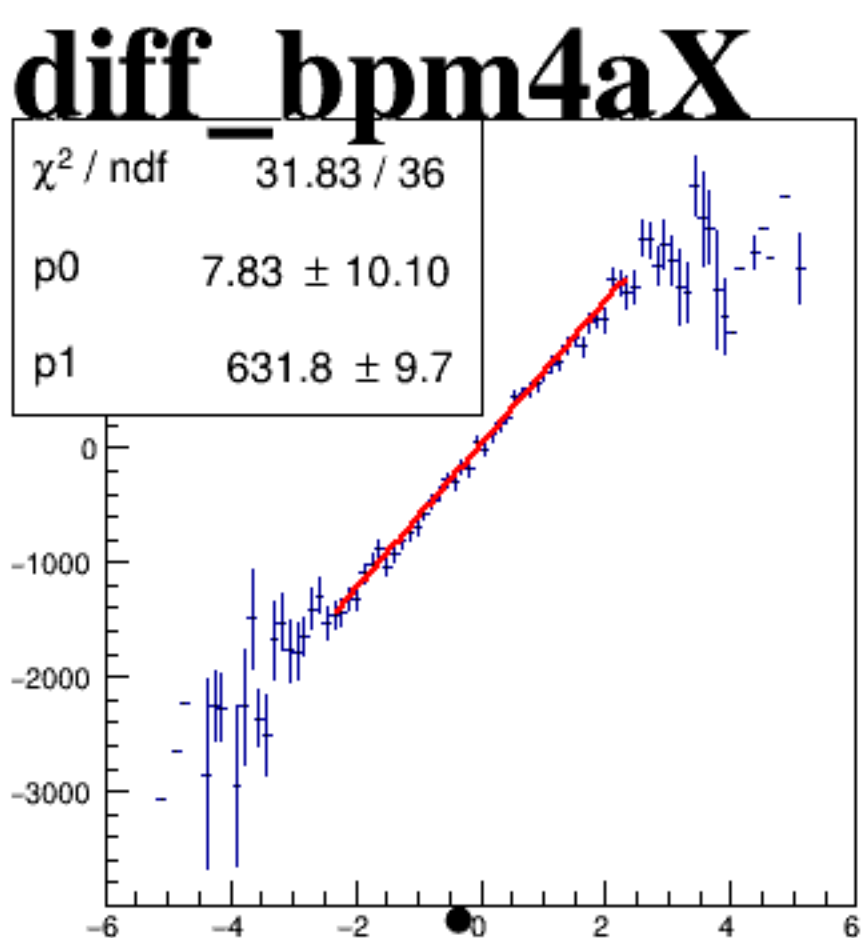
asym_sam3



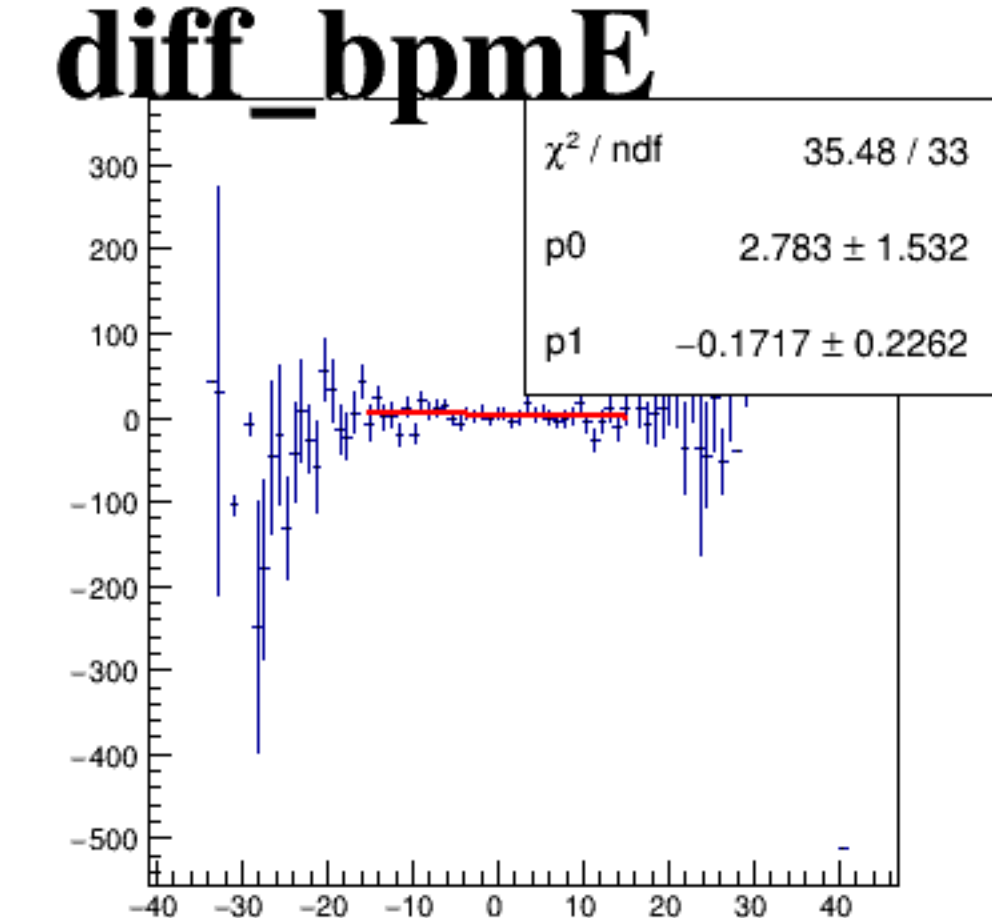
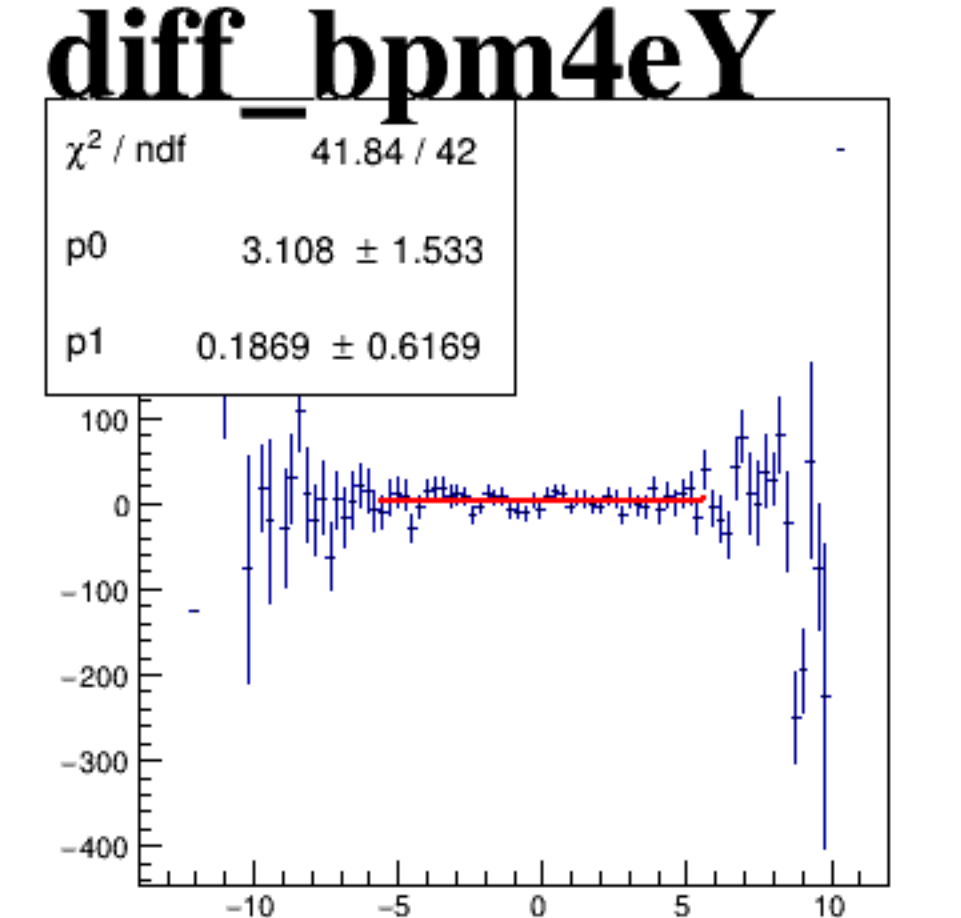
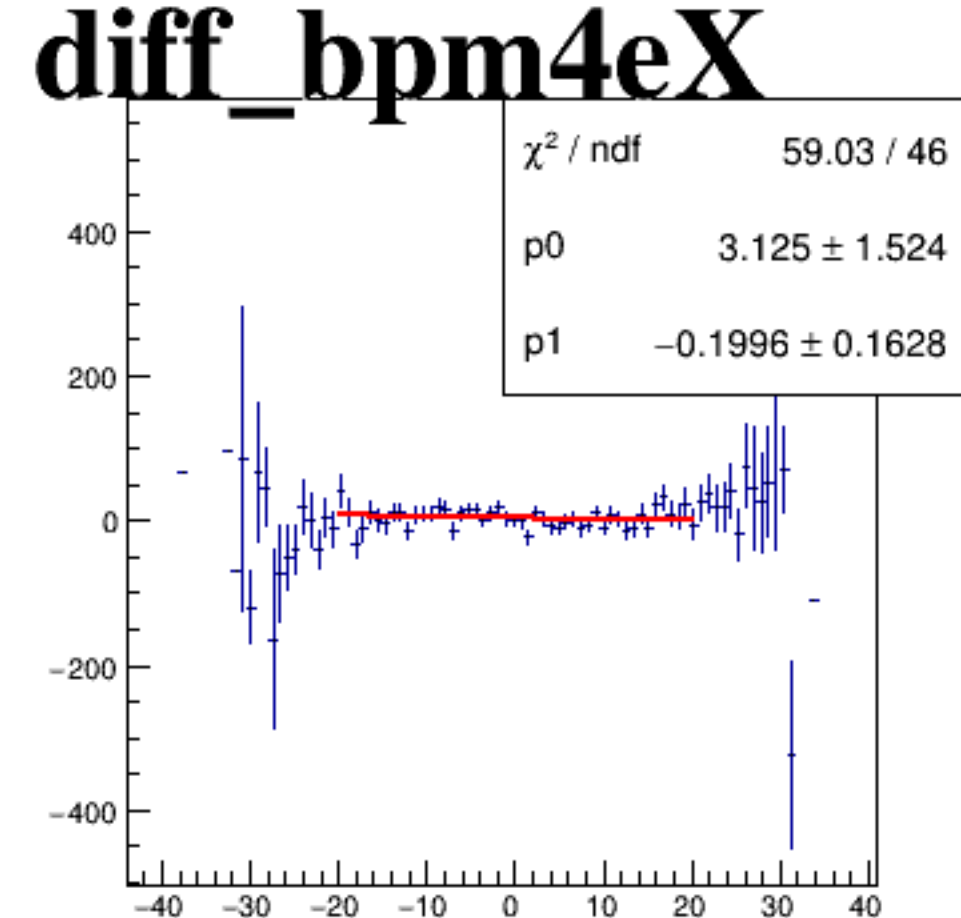
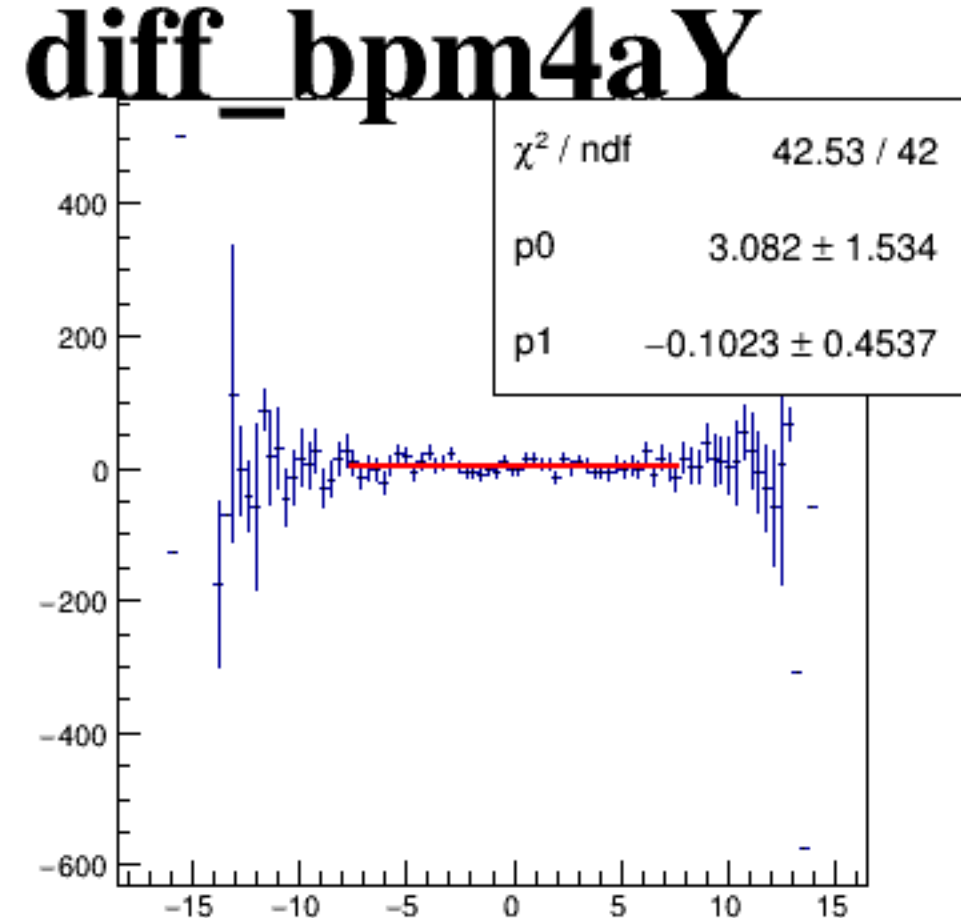
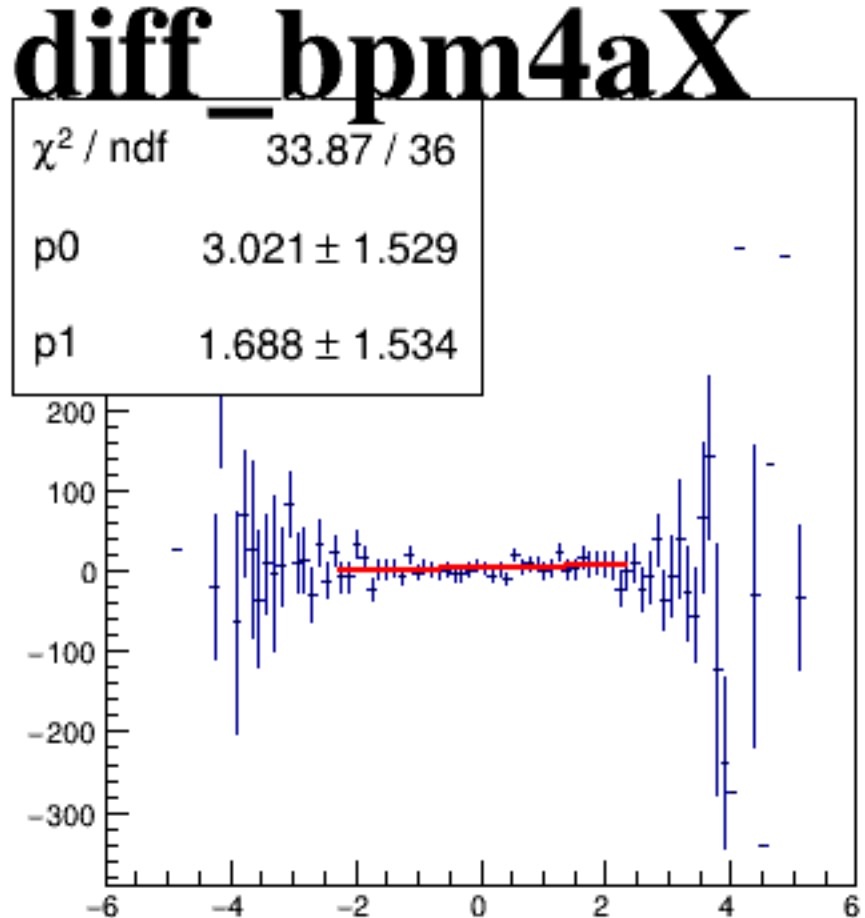
asym_sam5



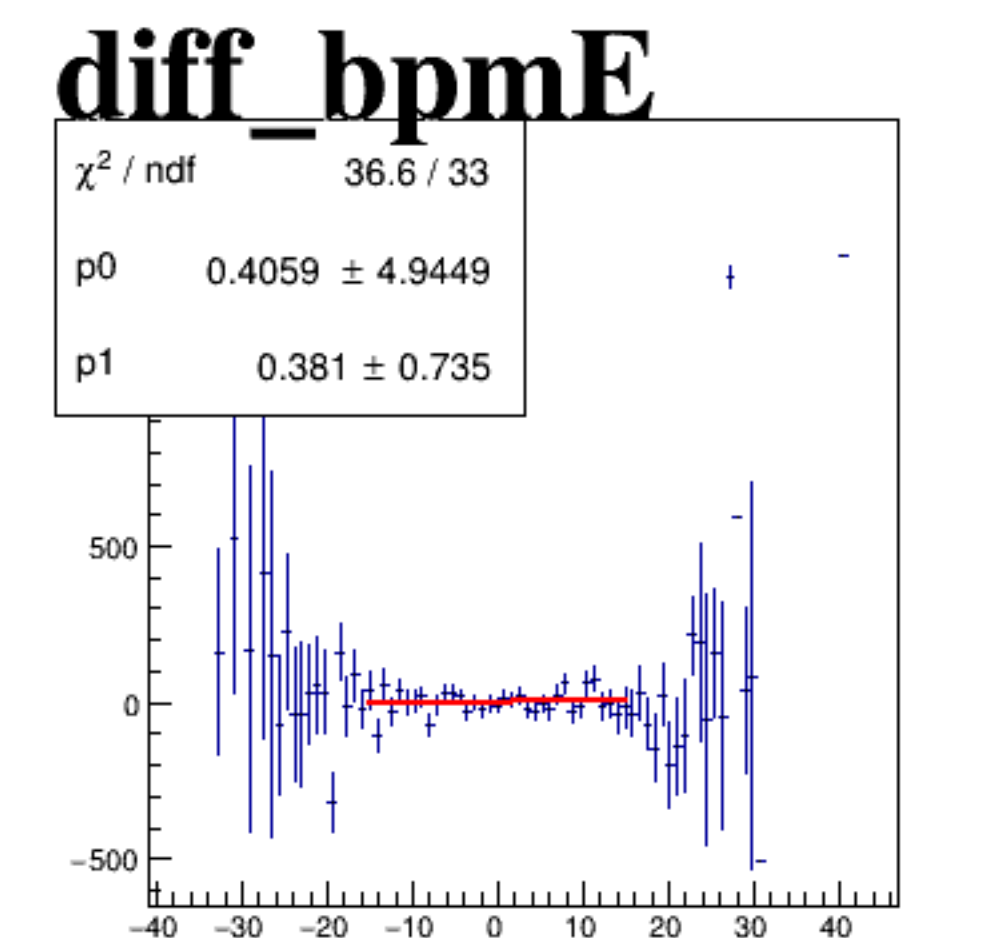
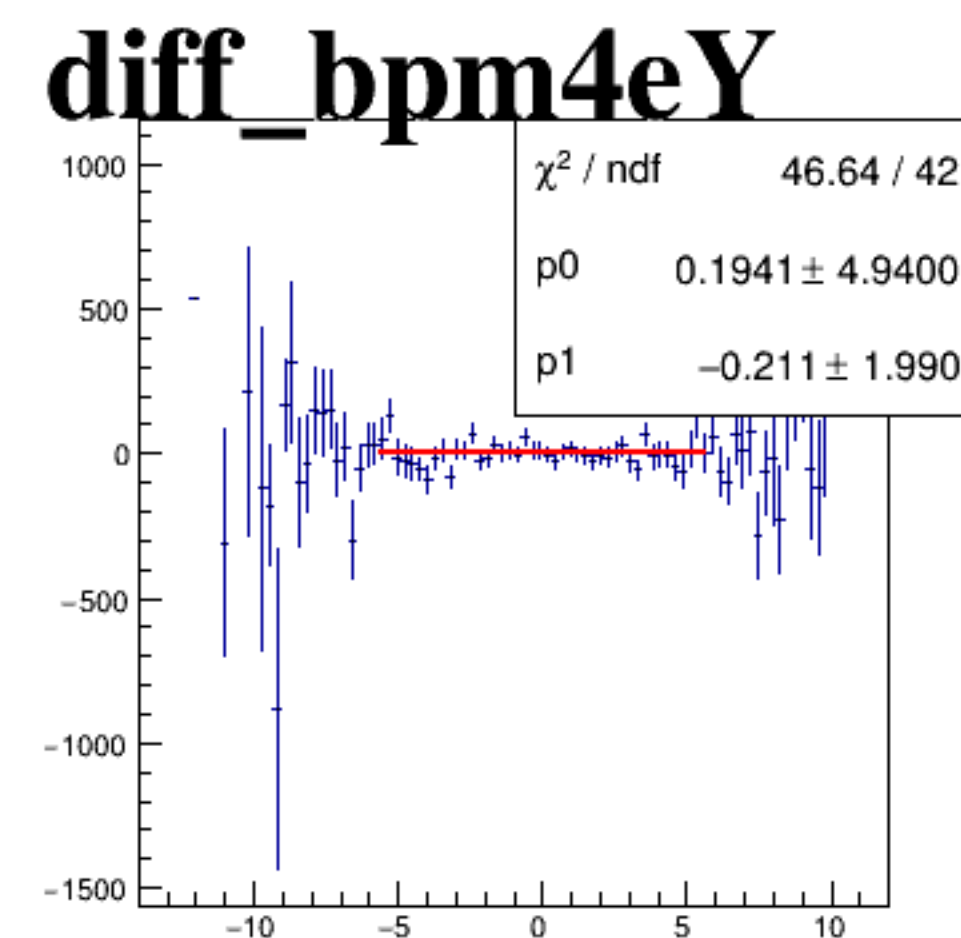
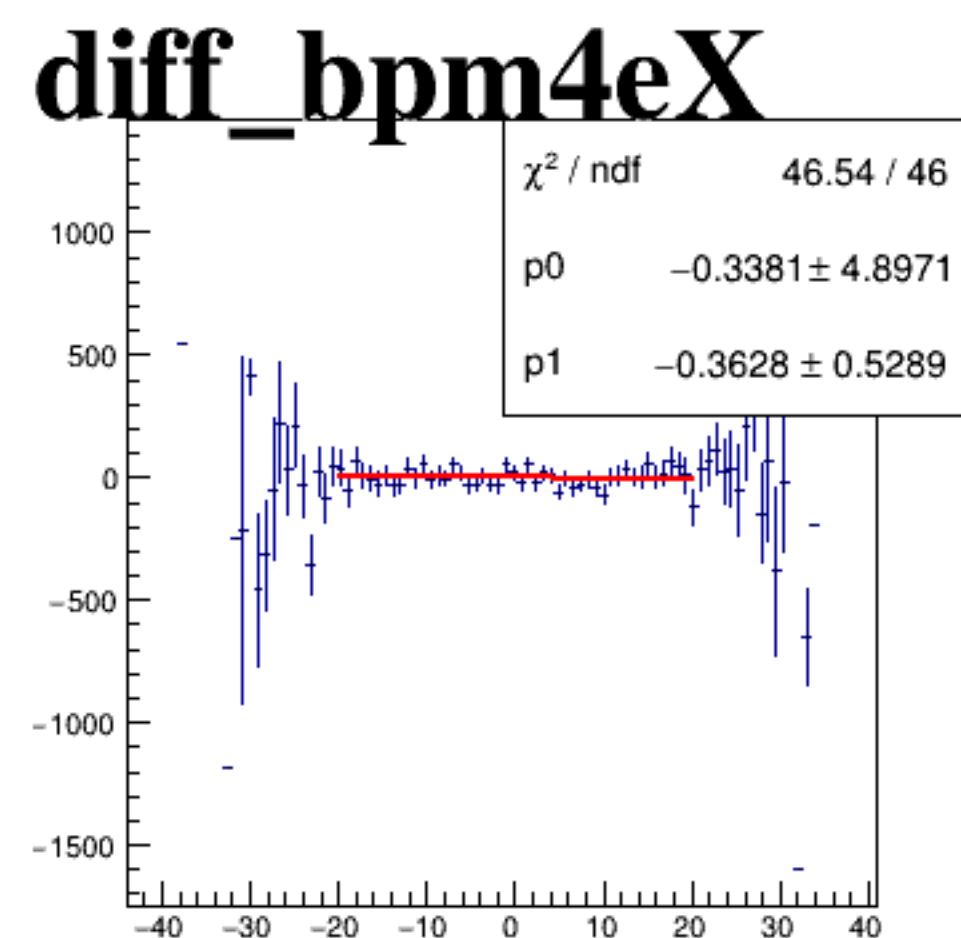
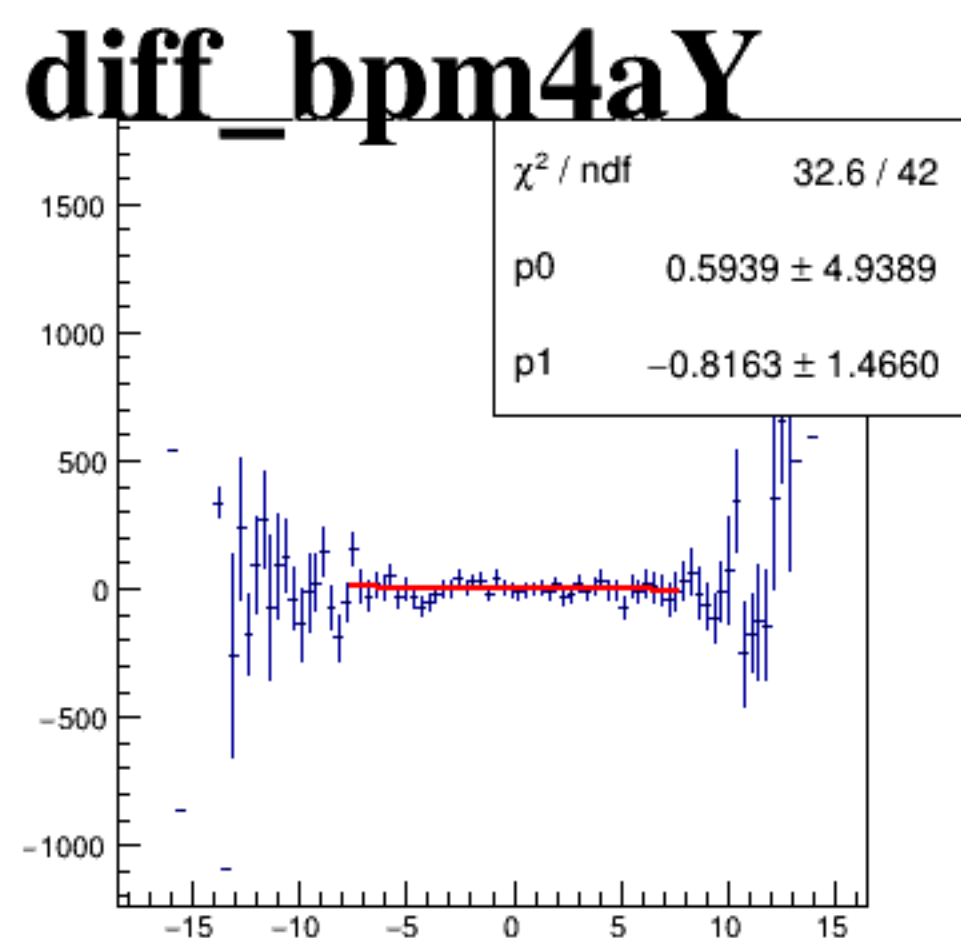
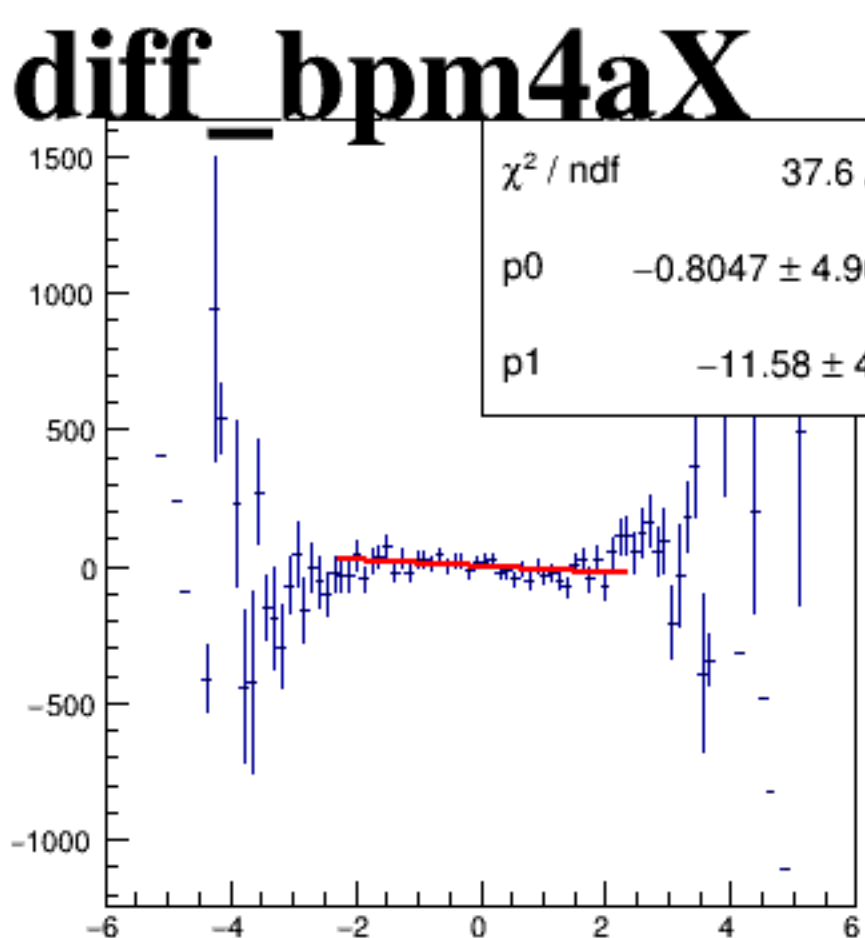
asym_sam7



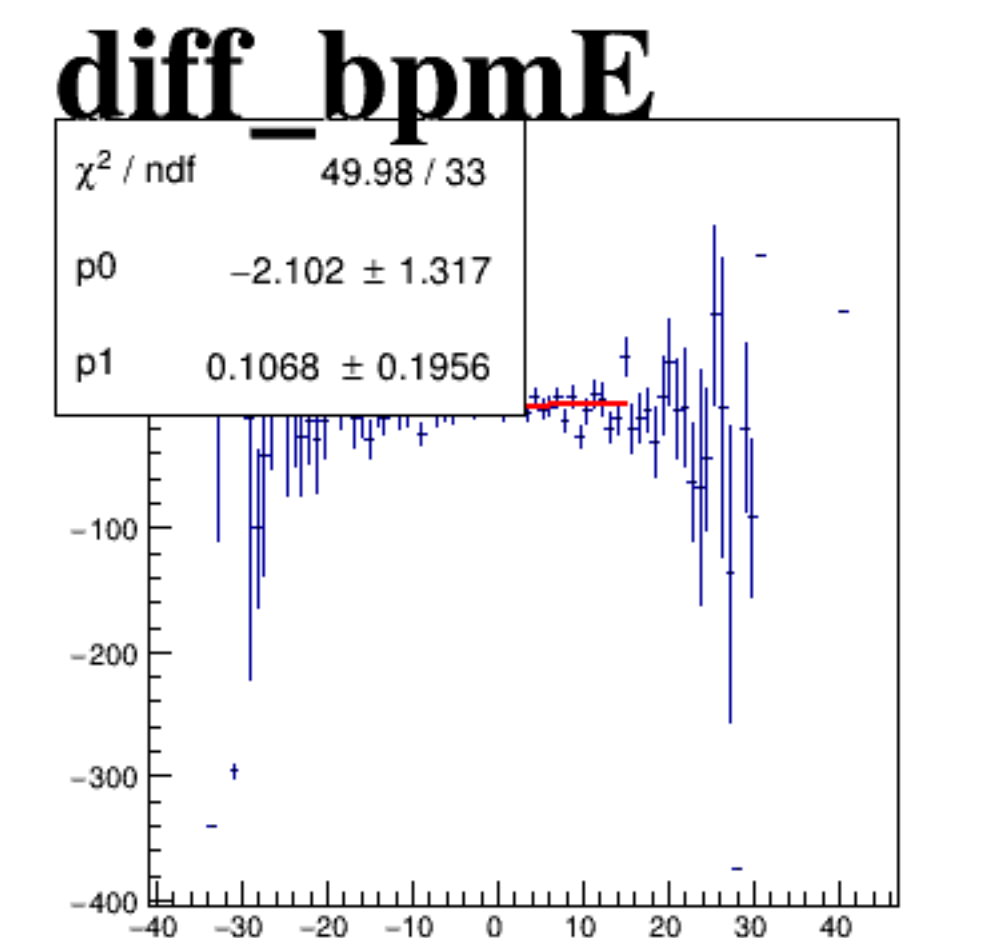
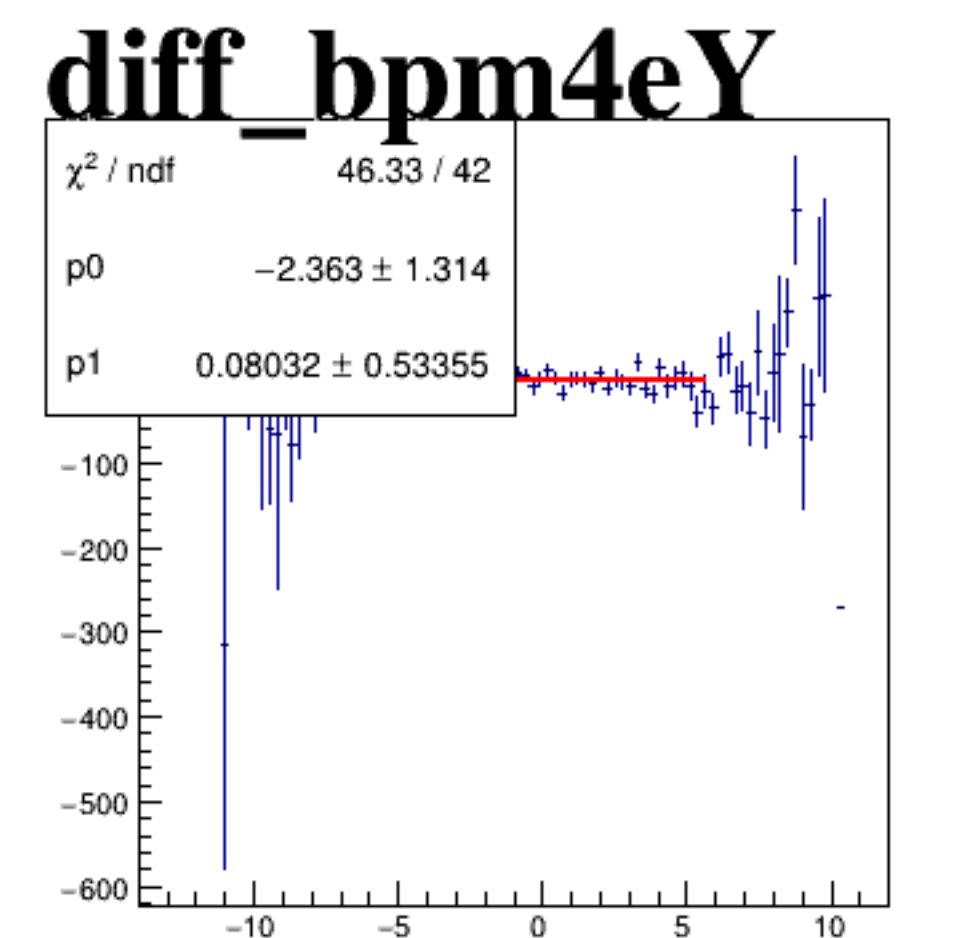
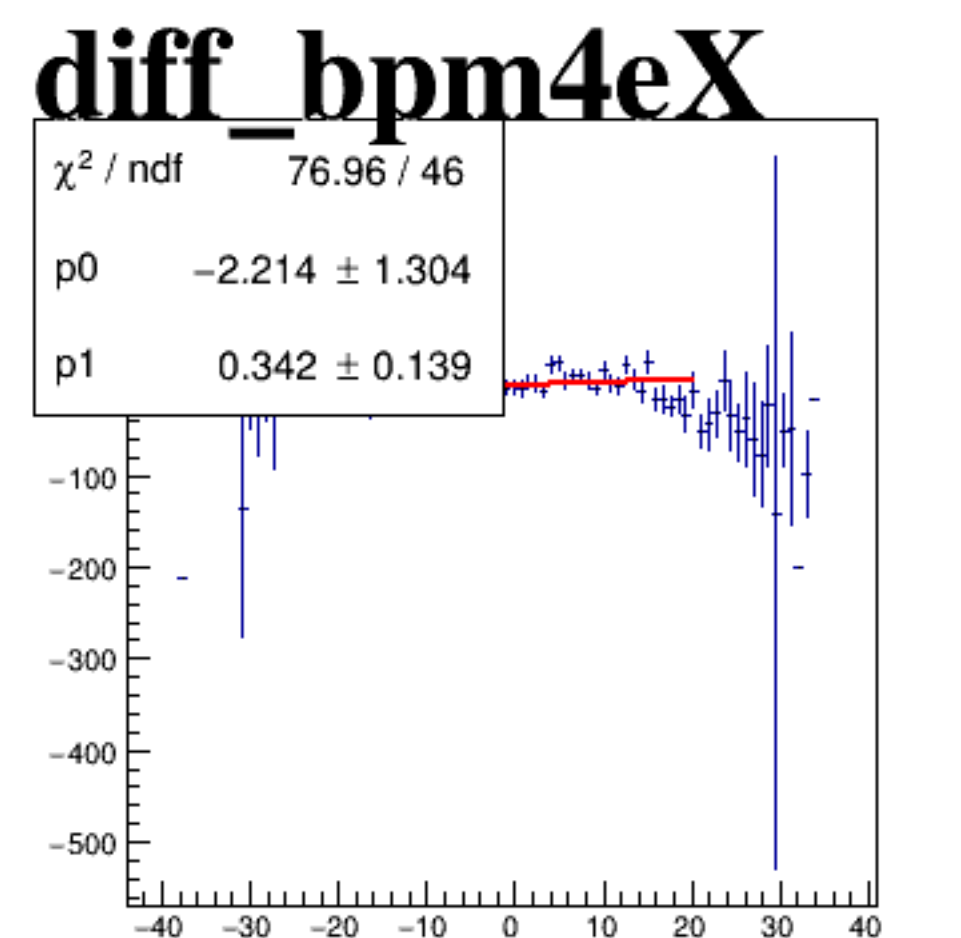
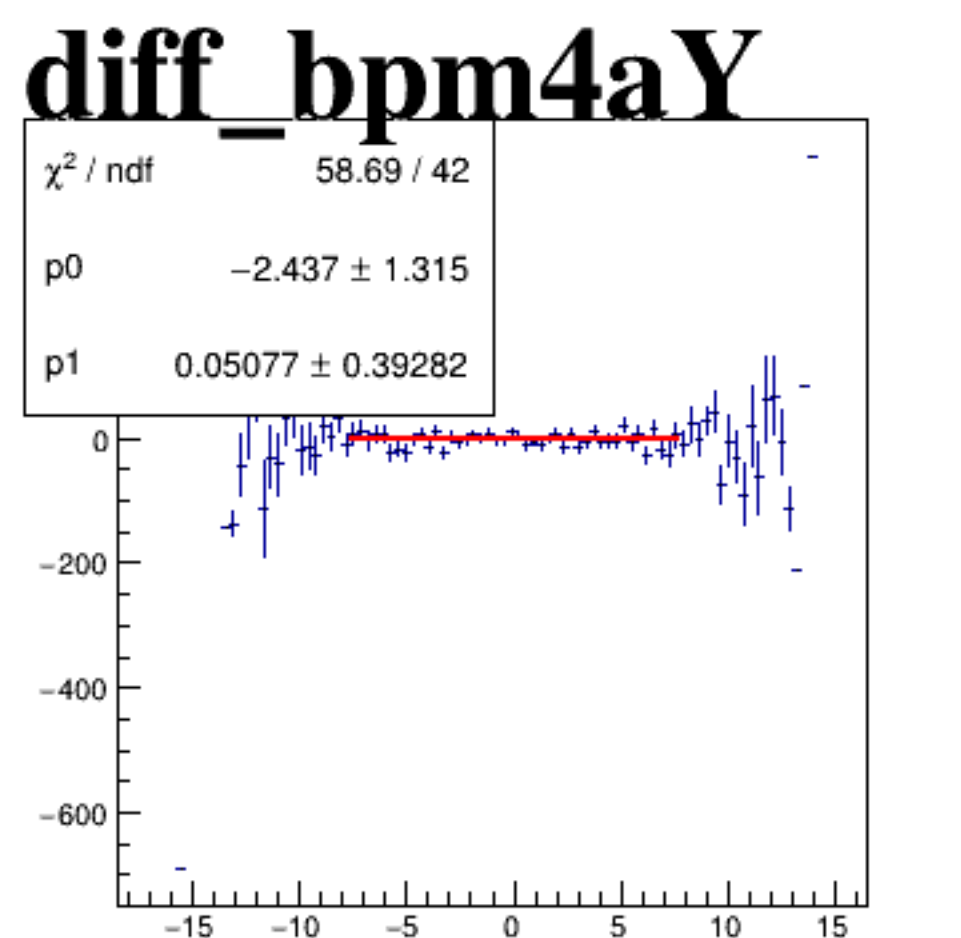
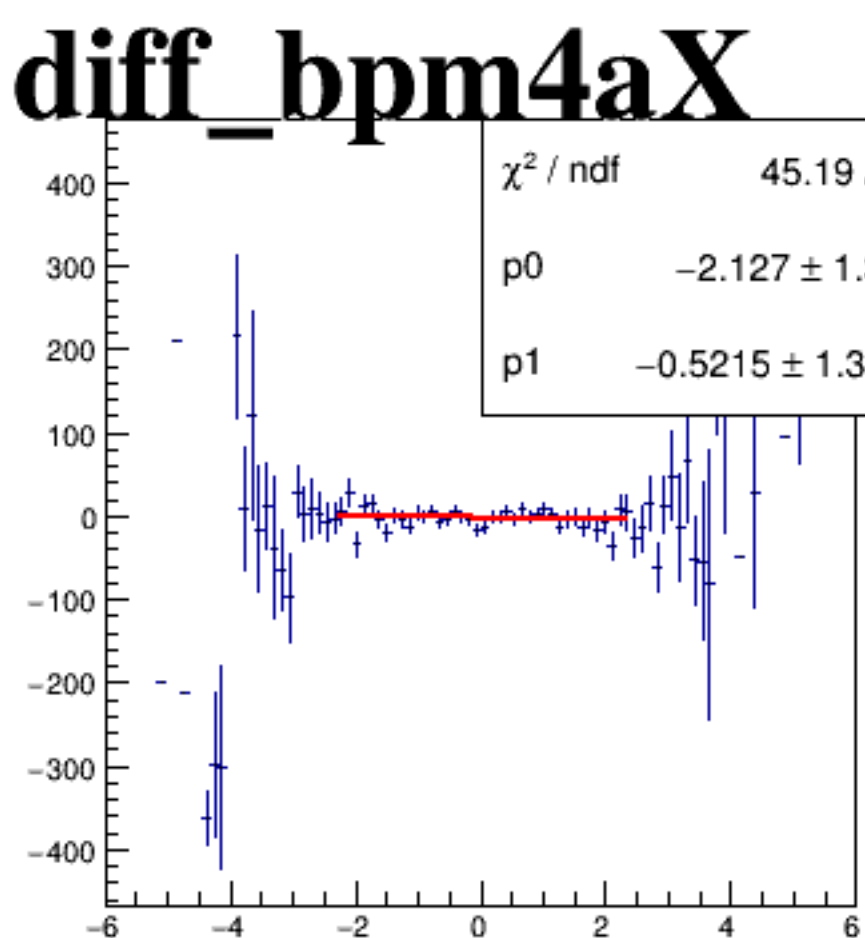
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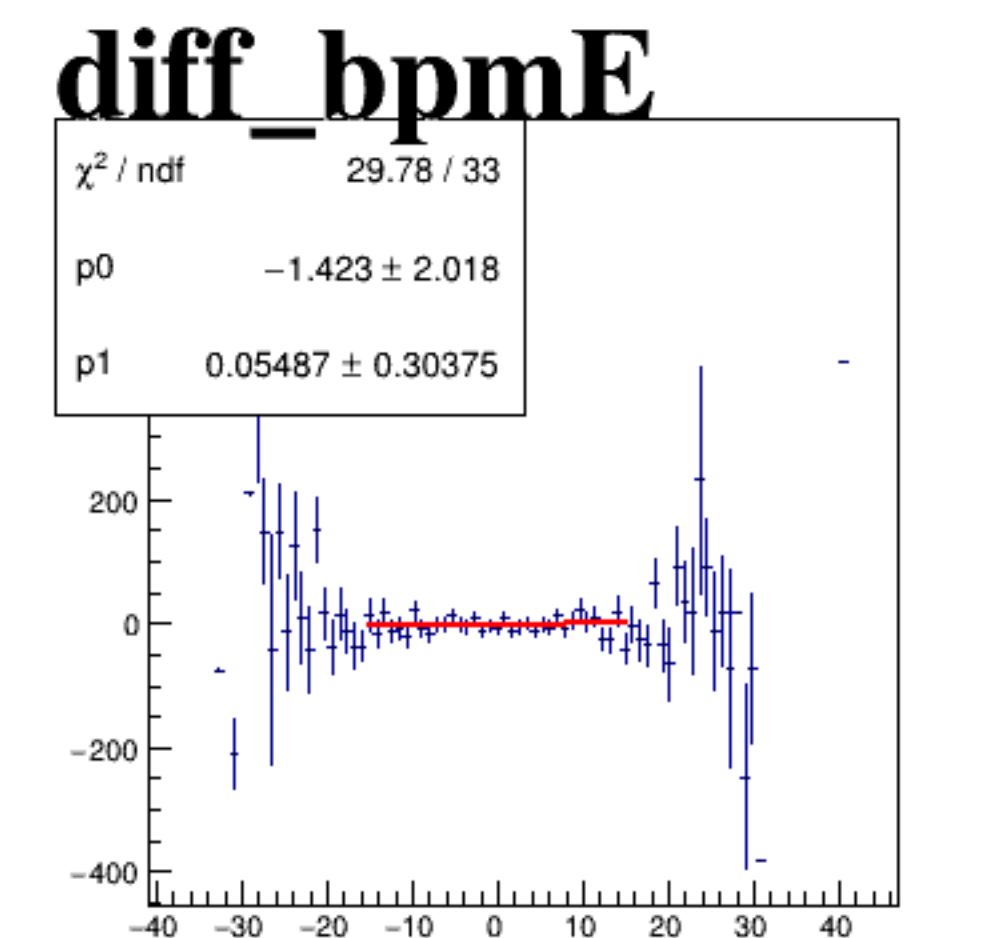
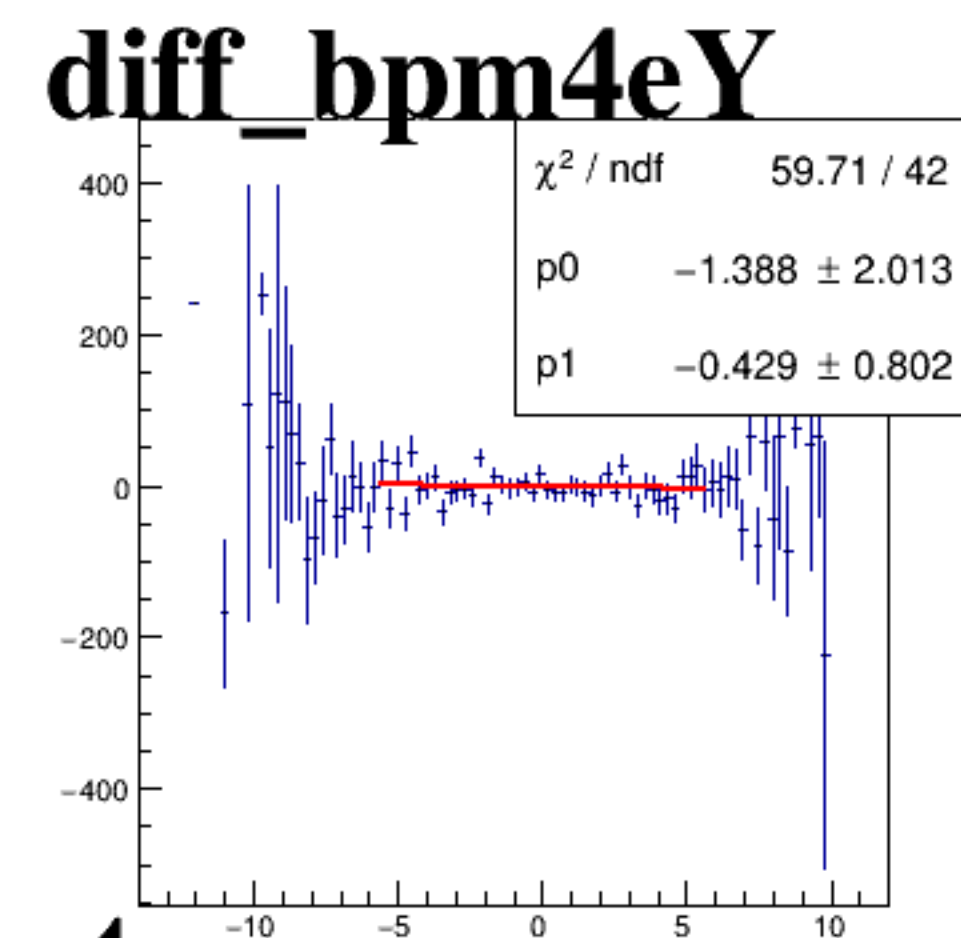
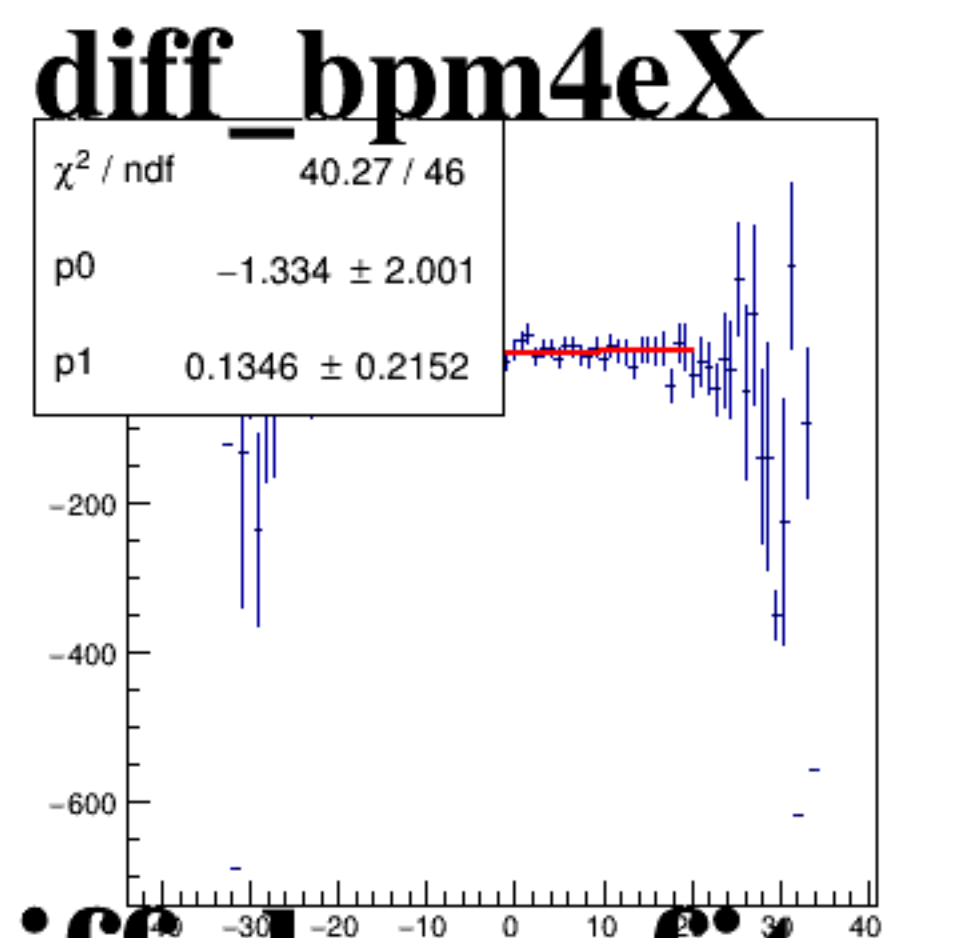
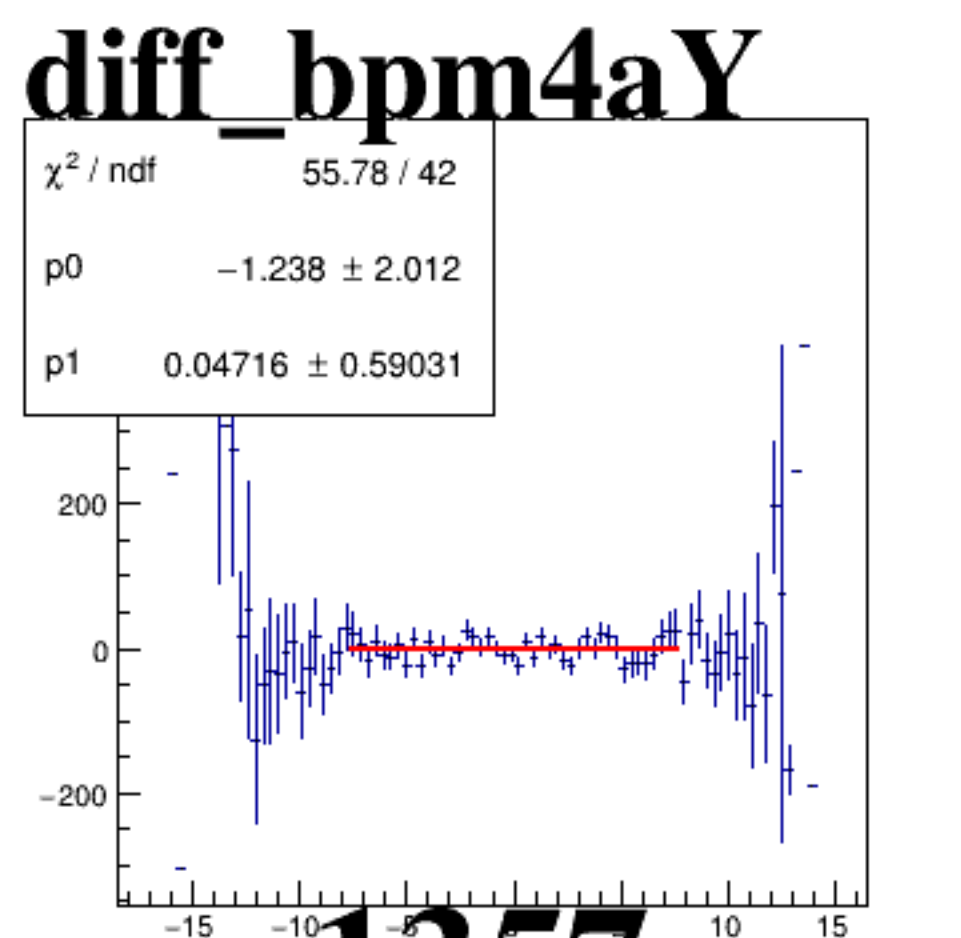
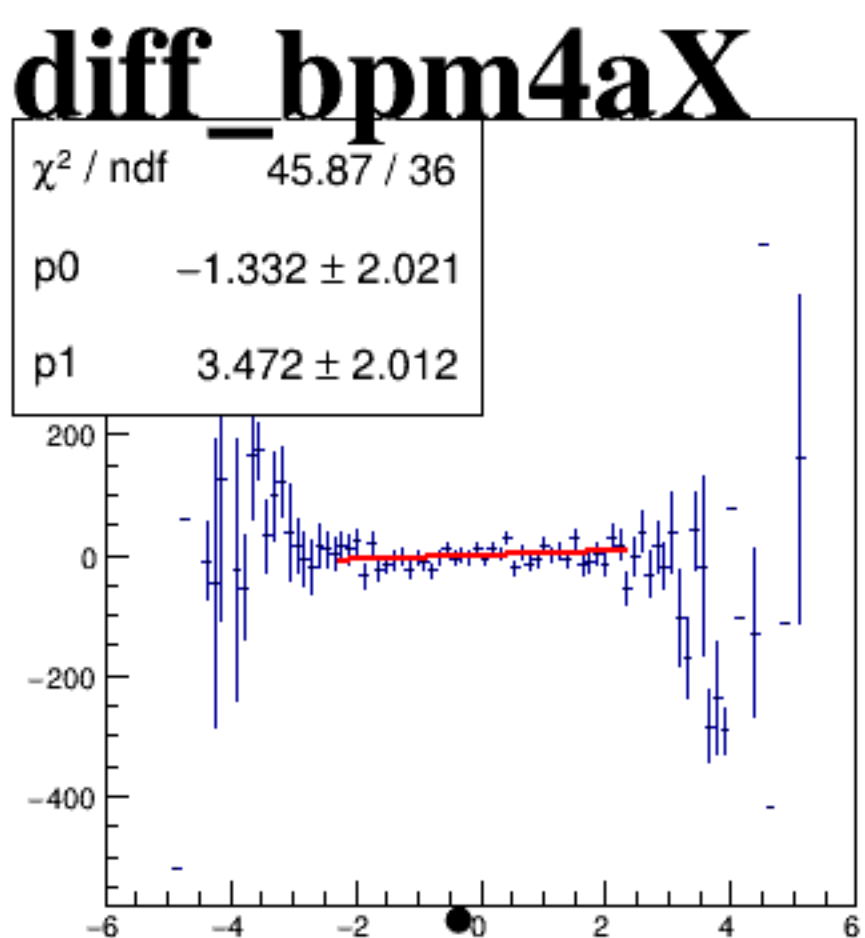
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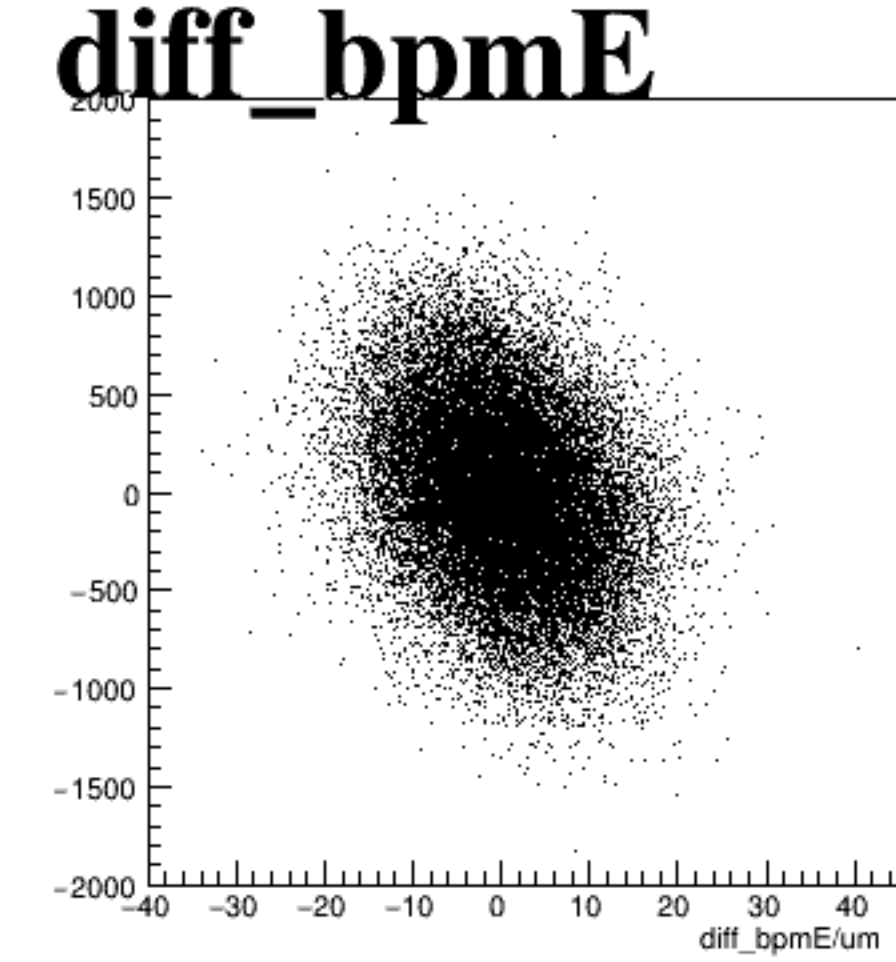
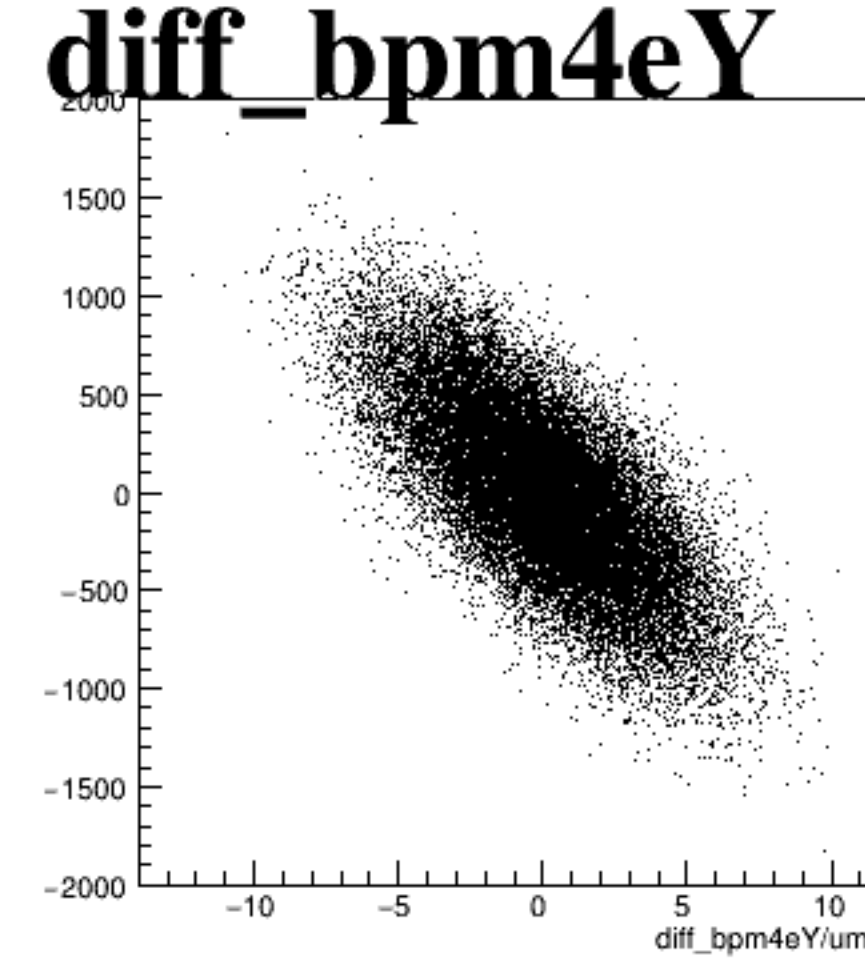
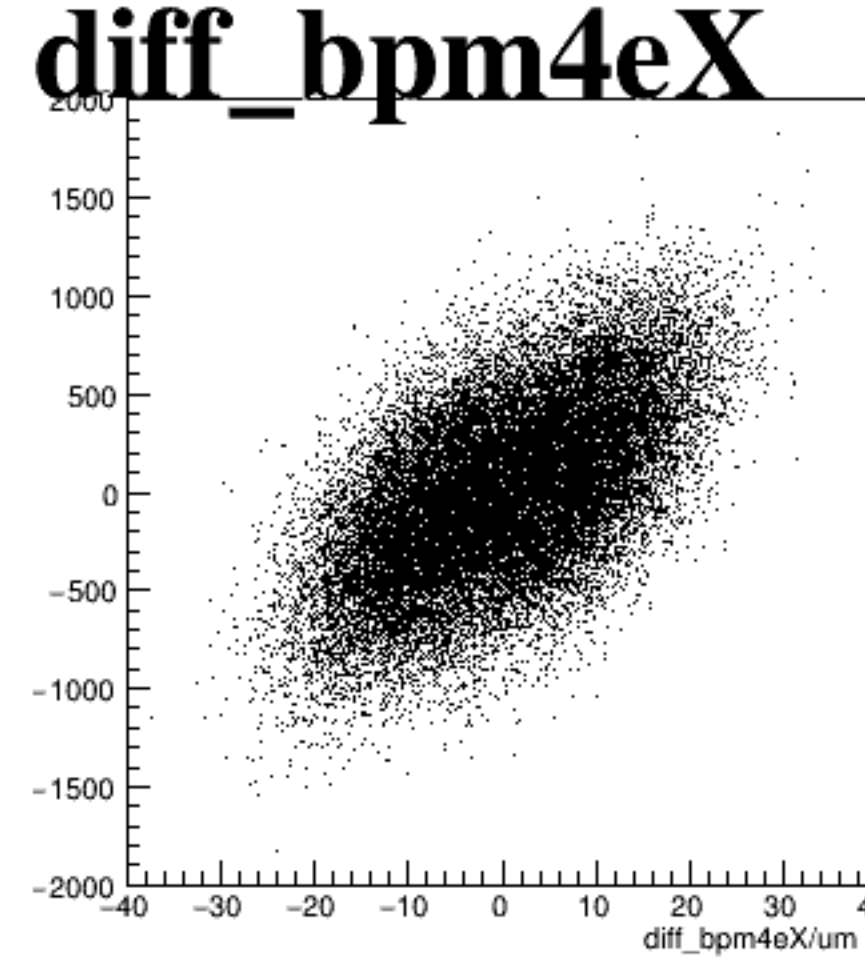
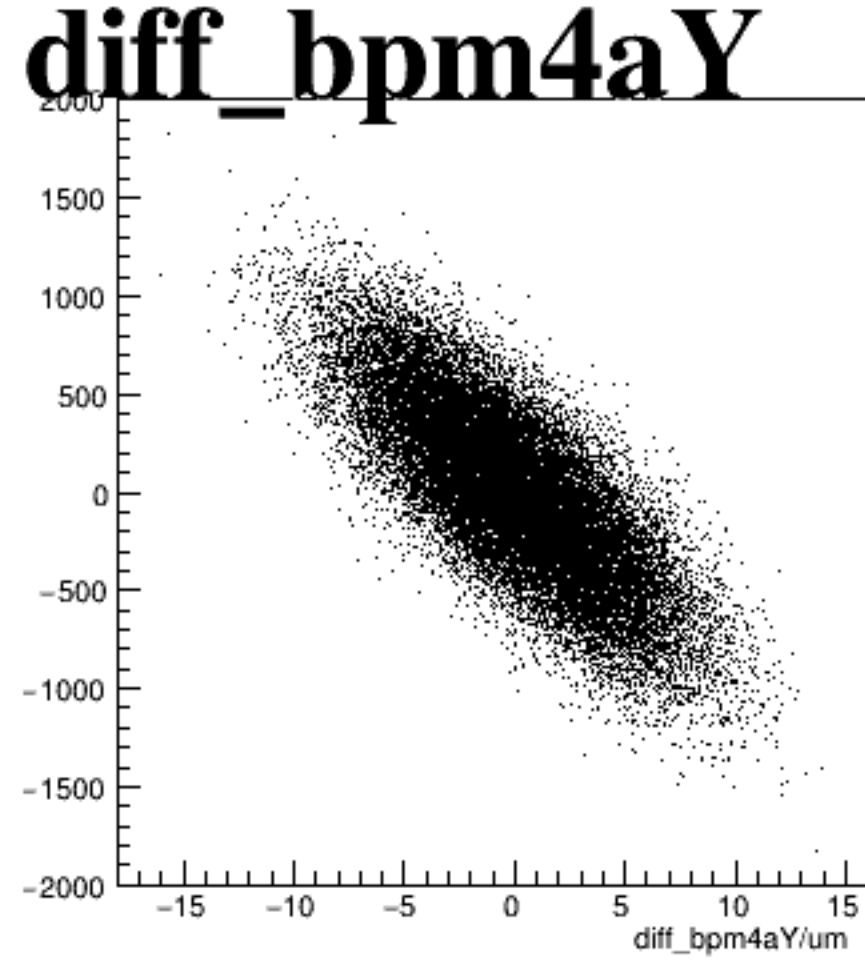
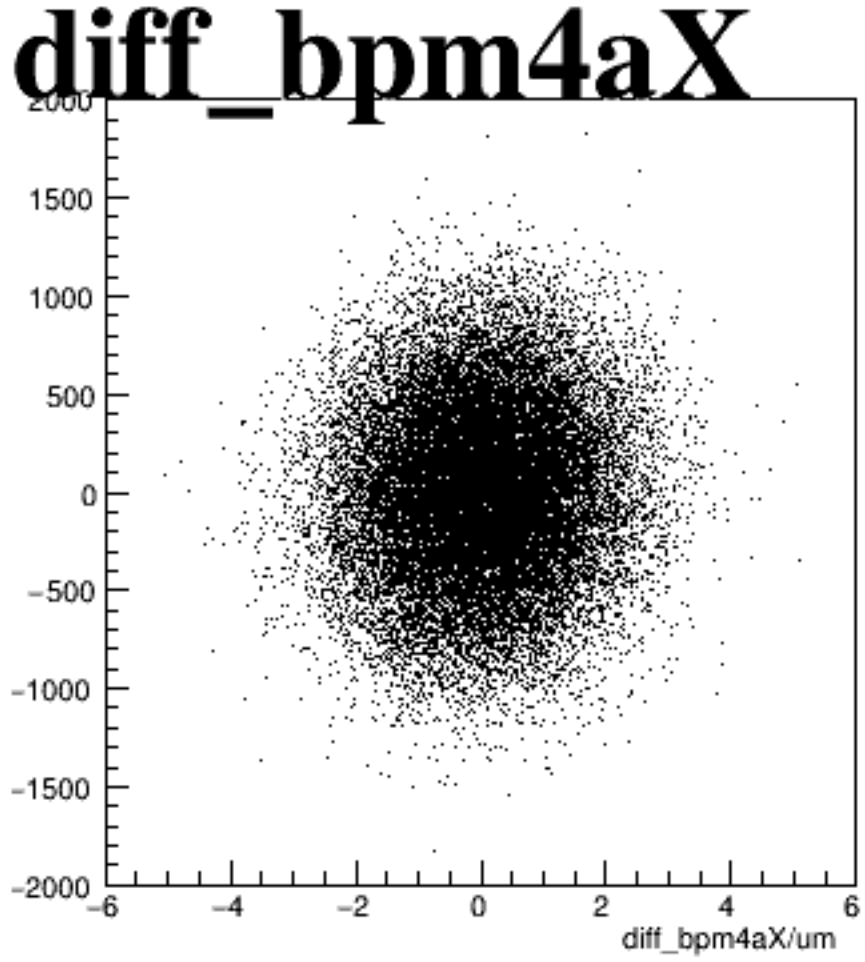
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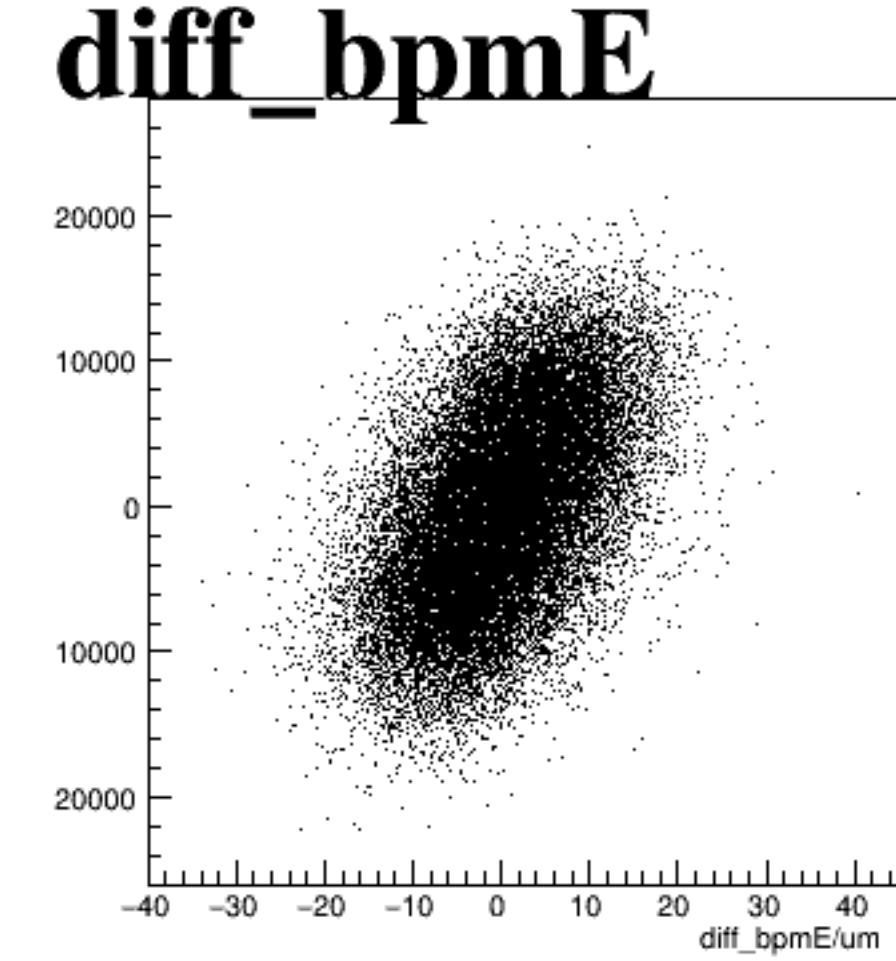
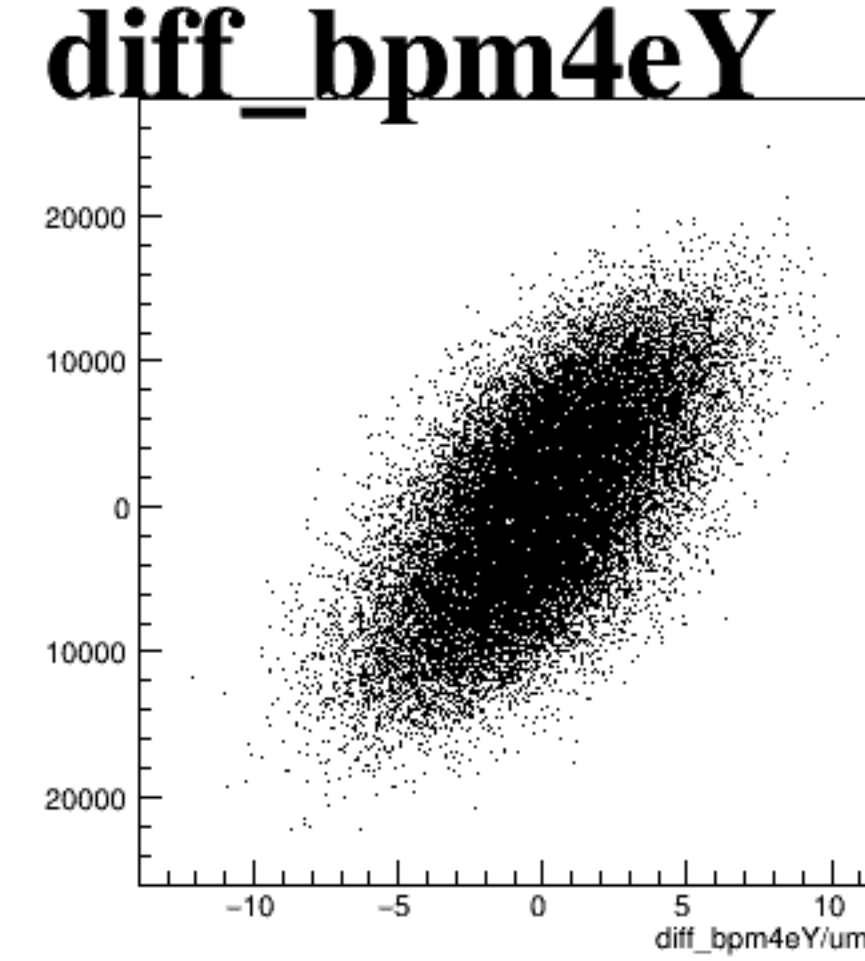
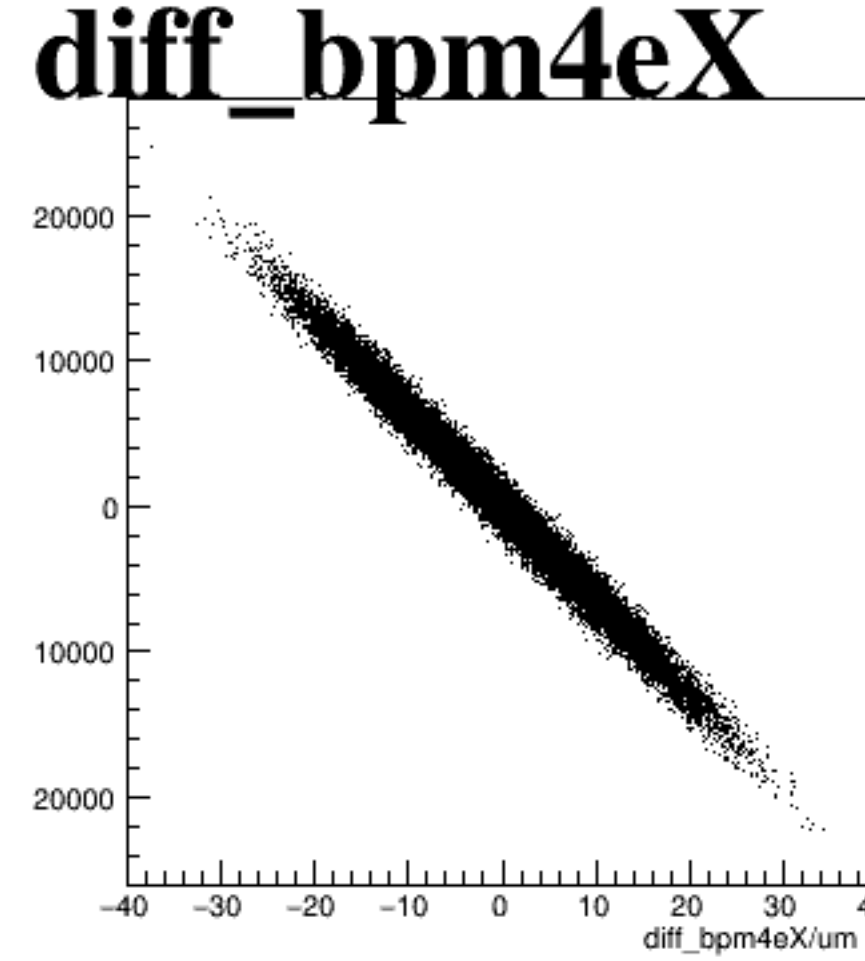
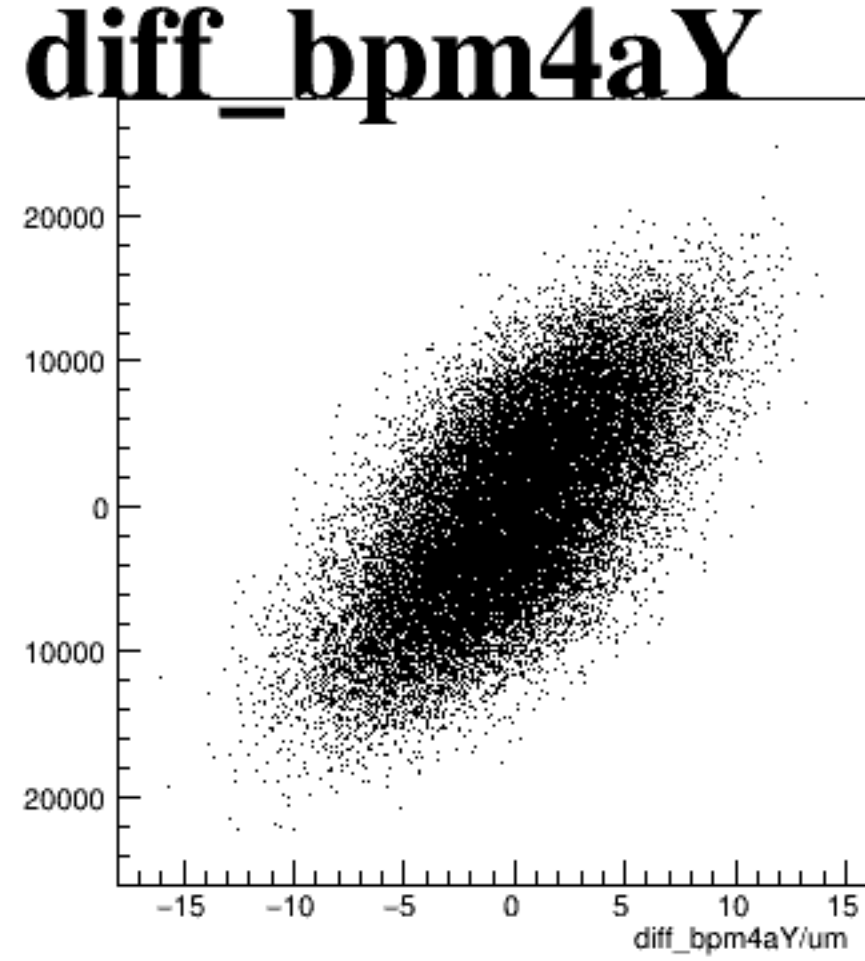
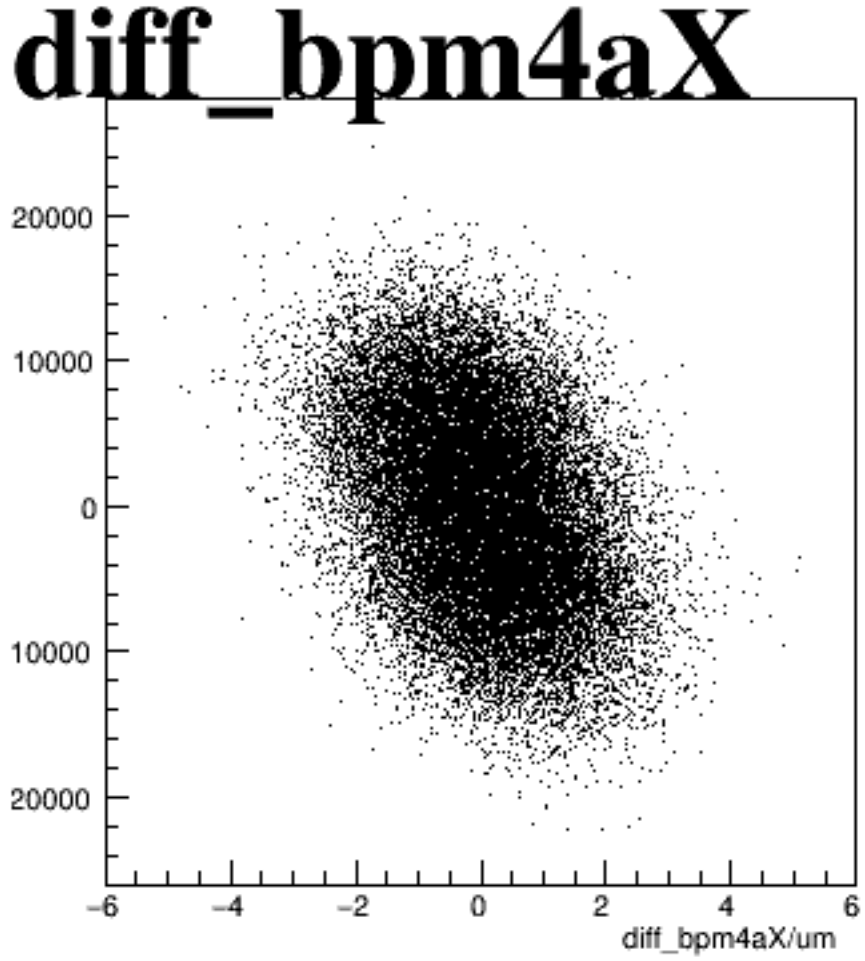
reg_asym_sam7



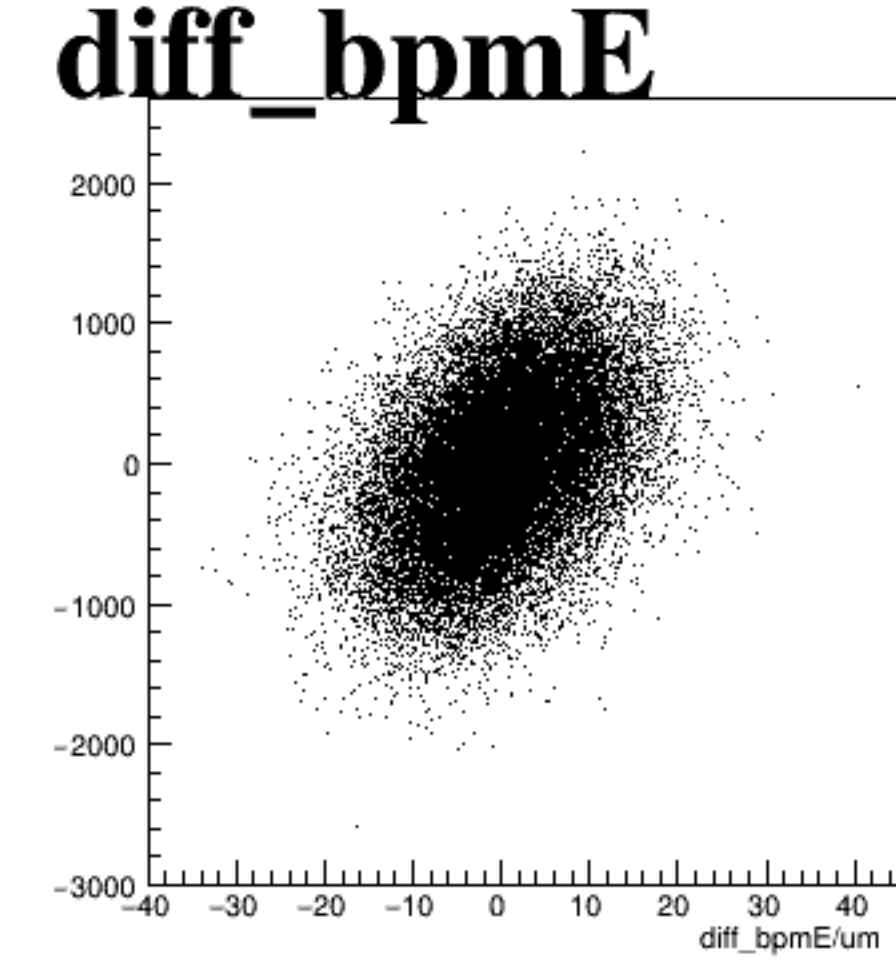
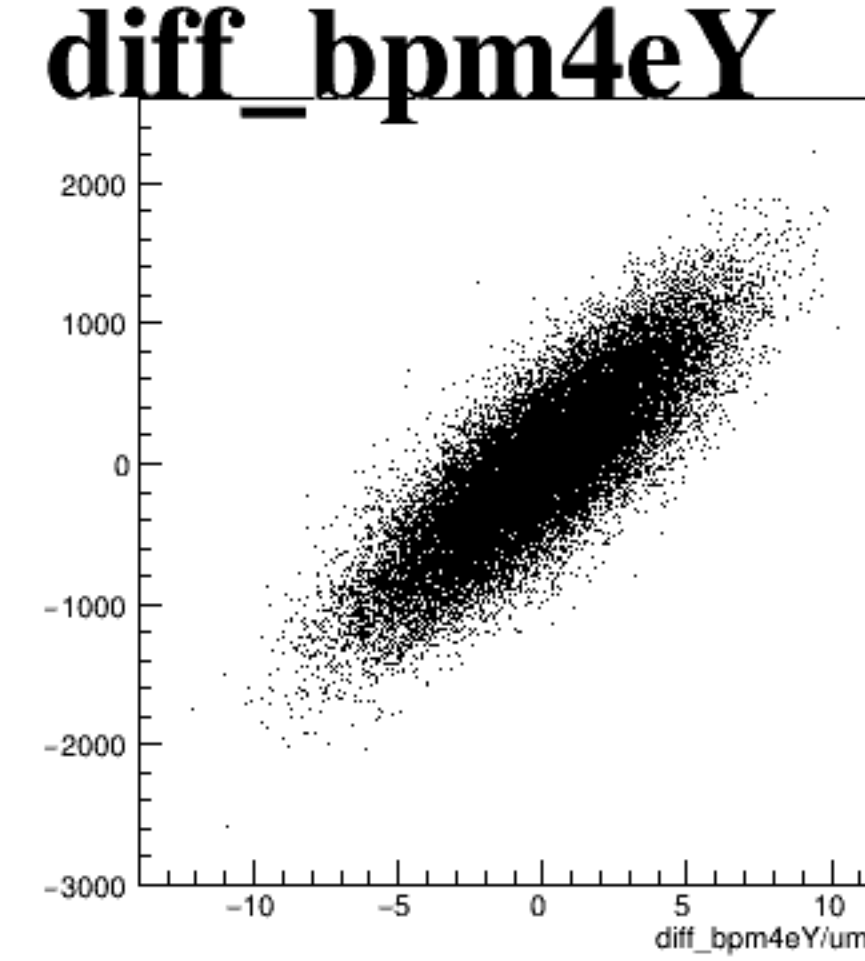
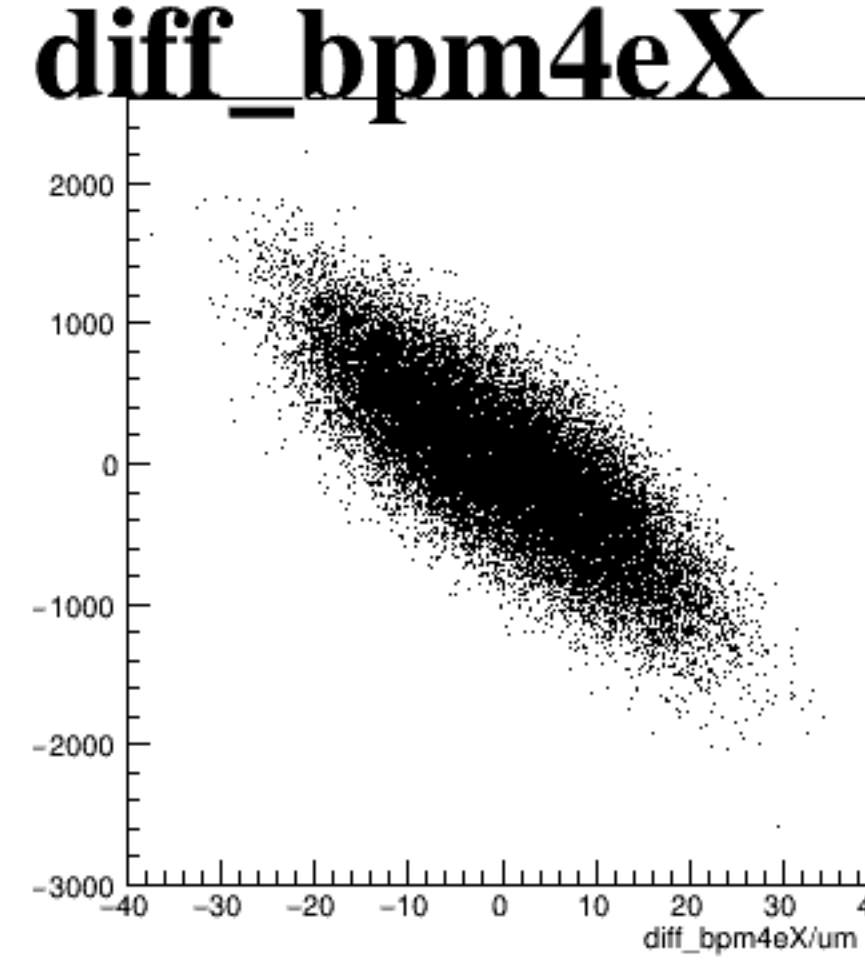
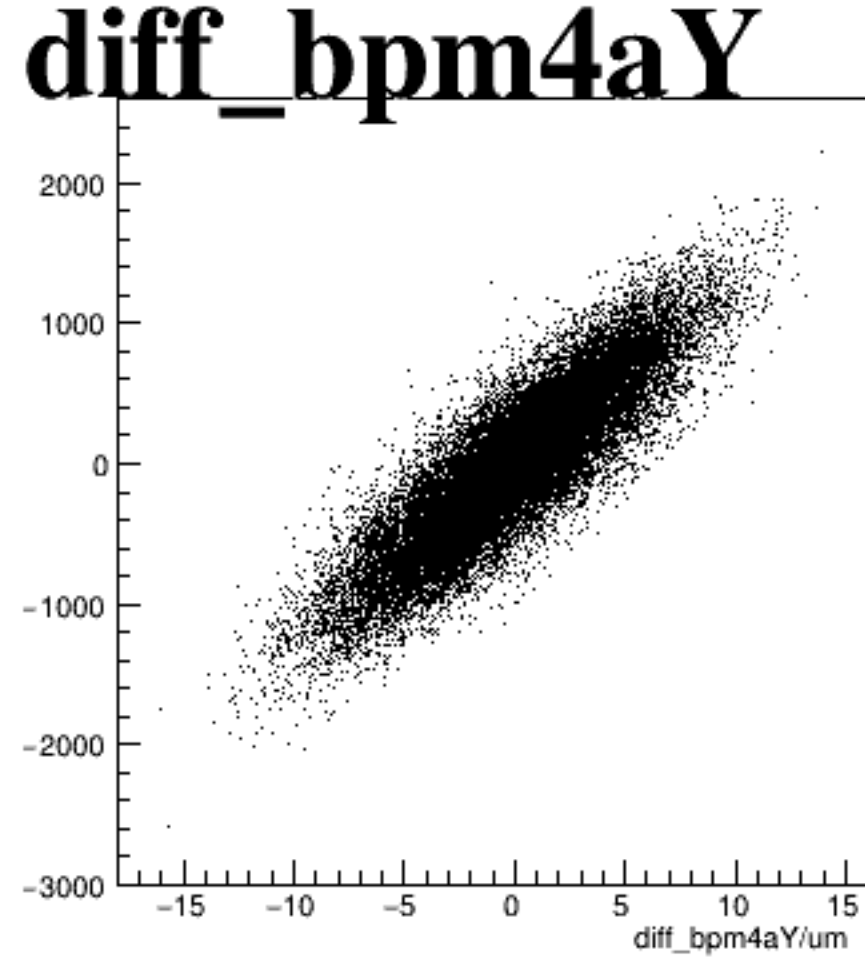
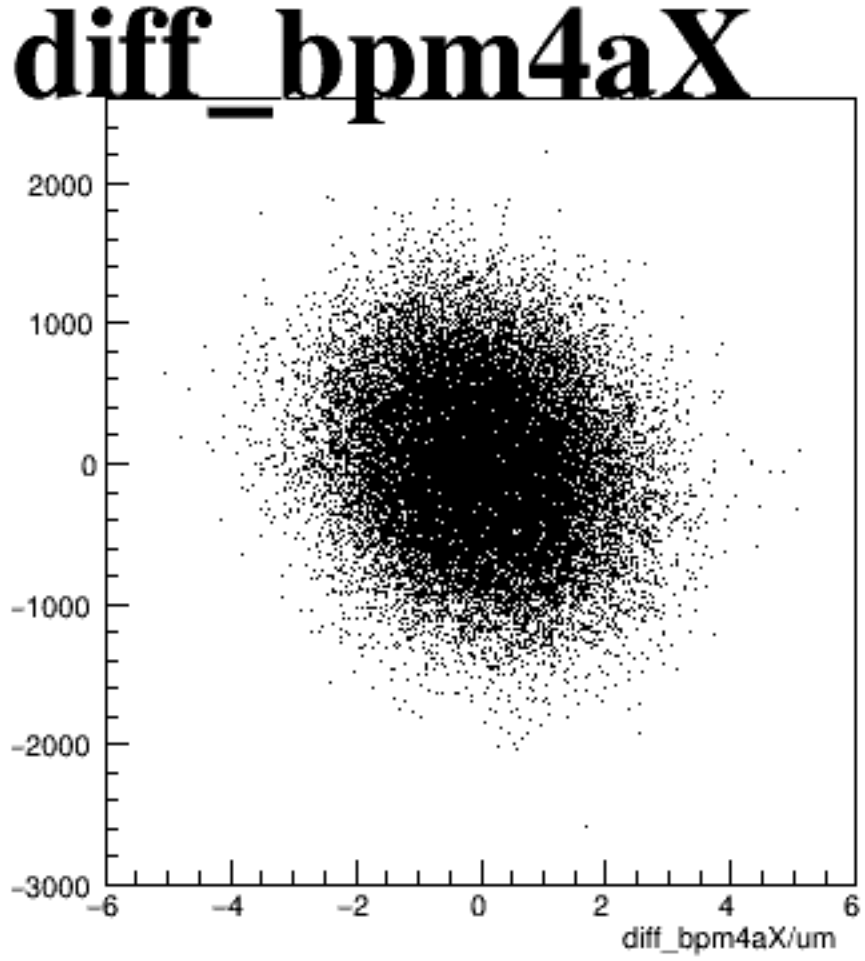
asym_sam1



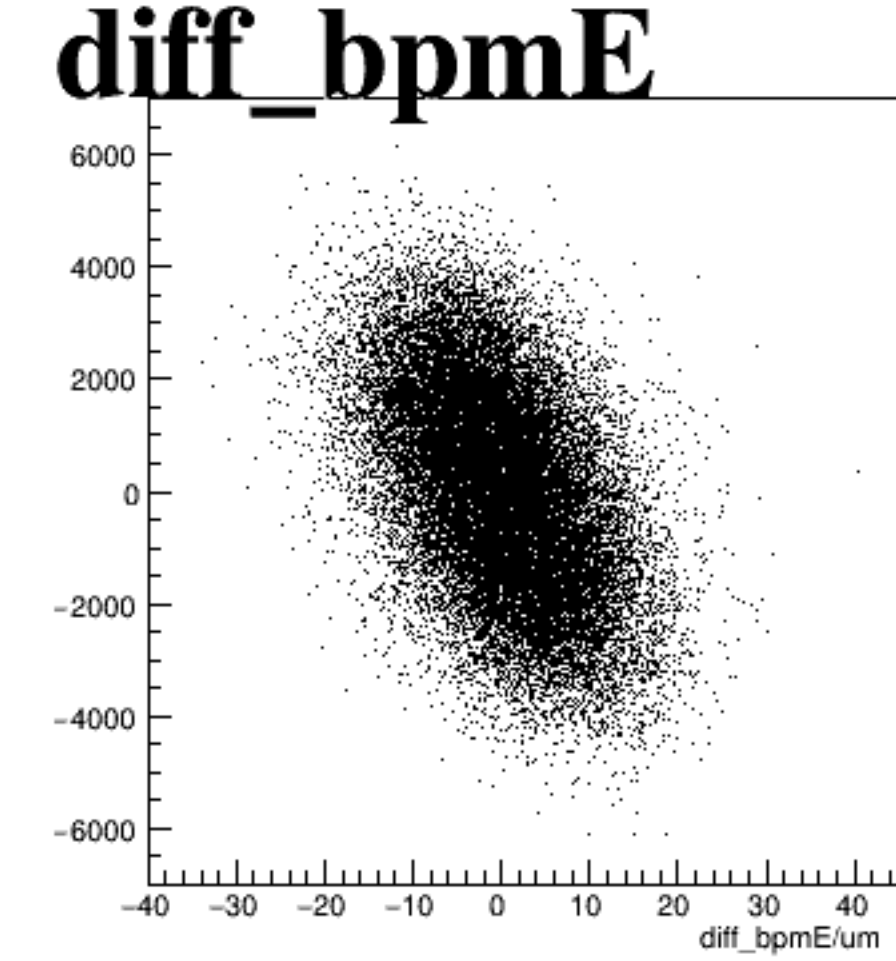
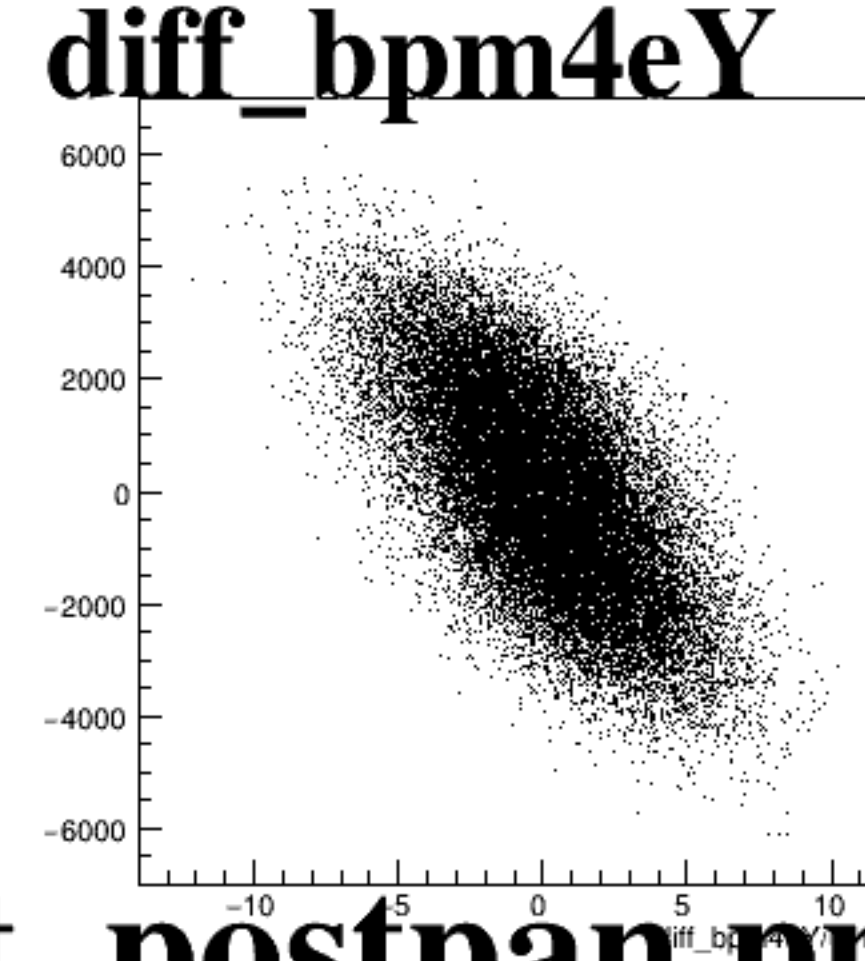
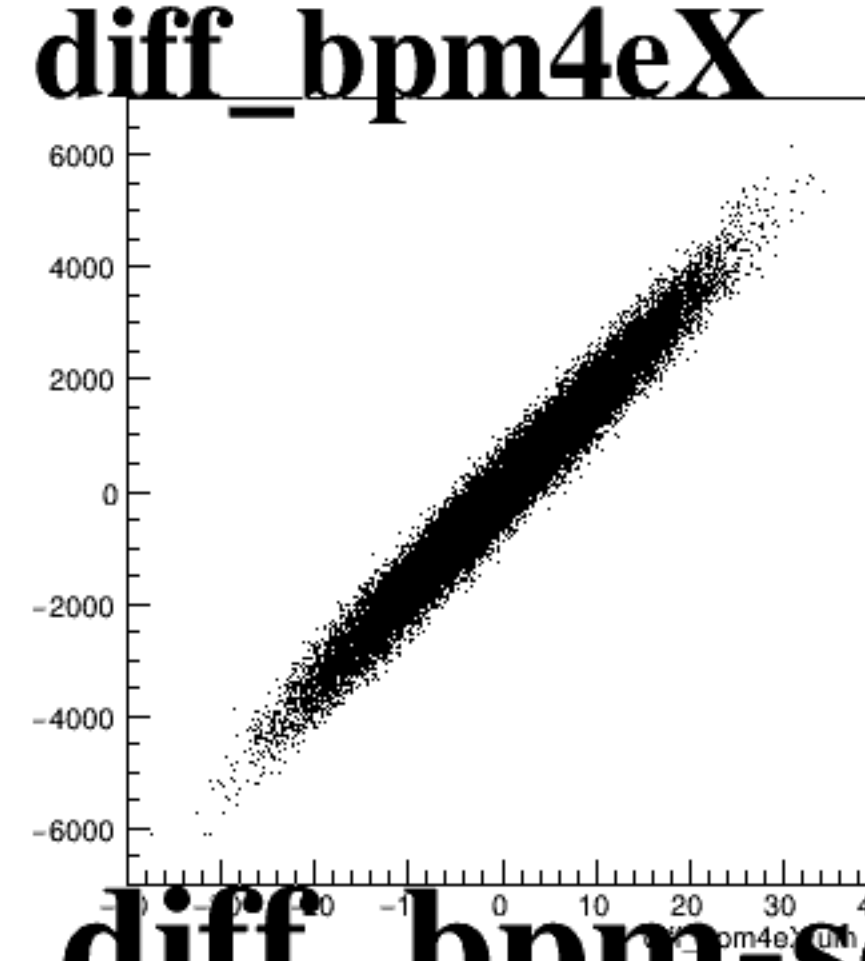
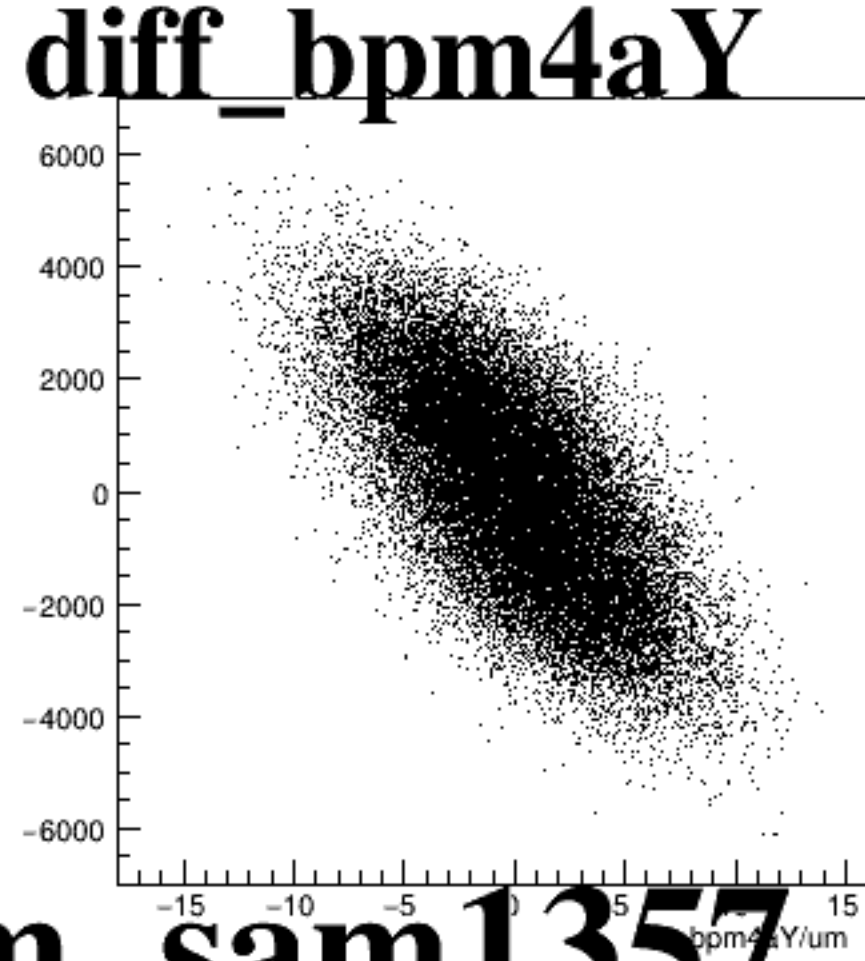
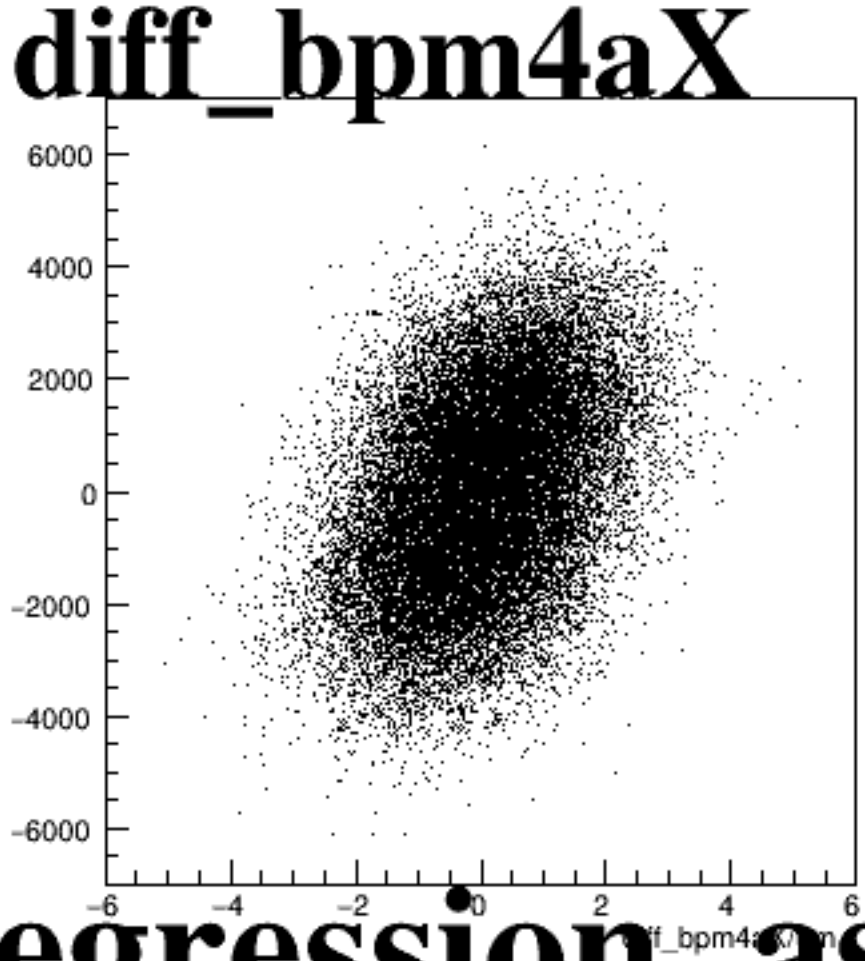
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing a dense cloud of points centered around the origin. The y-axis for all plots ranges from -1000 to 1000. The x-axis for each plot is labeled as follows:

- diff_bpm4aX**: x-axis ranges from -6 to 6.
- diff_bpm4aY**: x-axis ranges from -15 to 15.
- diff_bpm4eX**: x-axis ranges from -40 to 40.
- diff_bpm4eY**: x-axis ranges from -10 to 10.
- diff_bpmE**: x-axis ranges from -40 to 40.

run4615_000_regression_reg_sam1357_vs_diff_bpm-scat_postpan.png