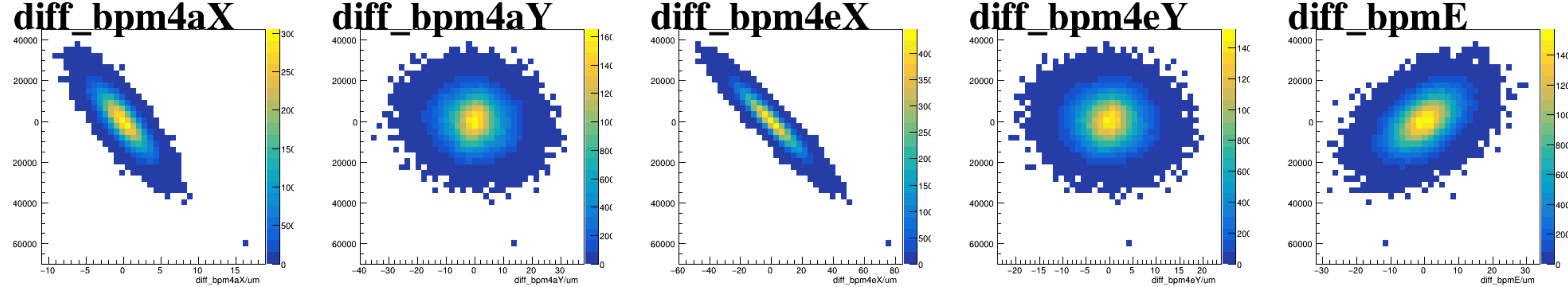
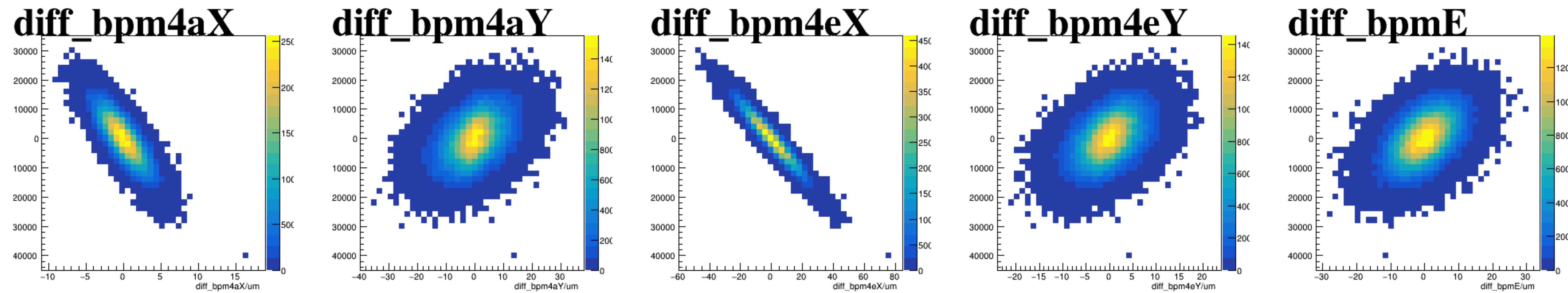


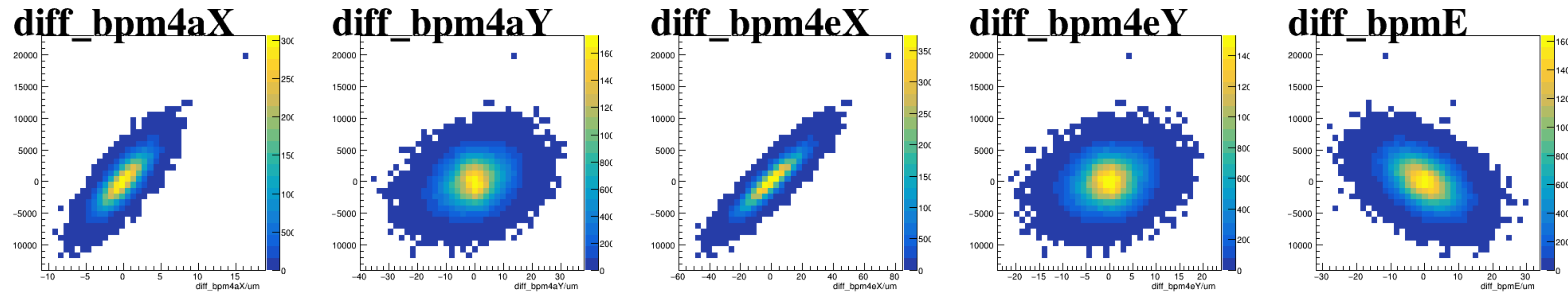
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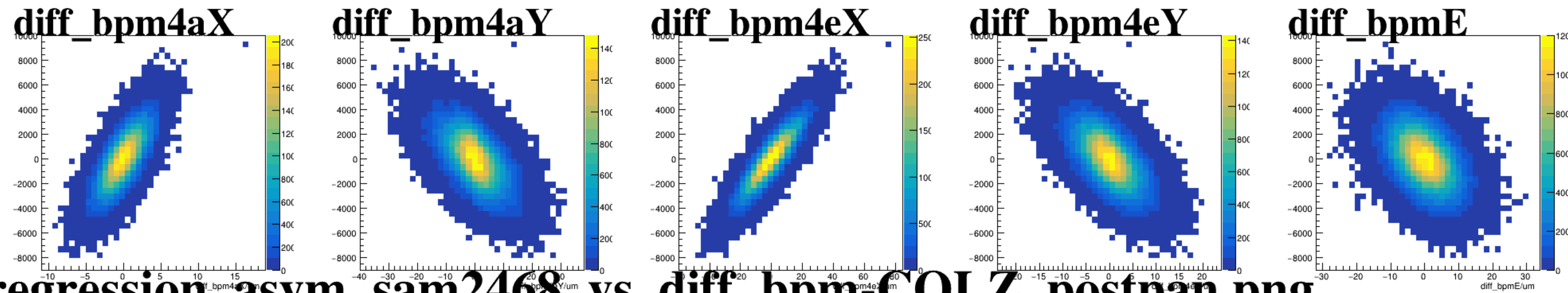
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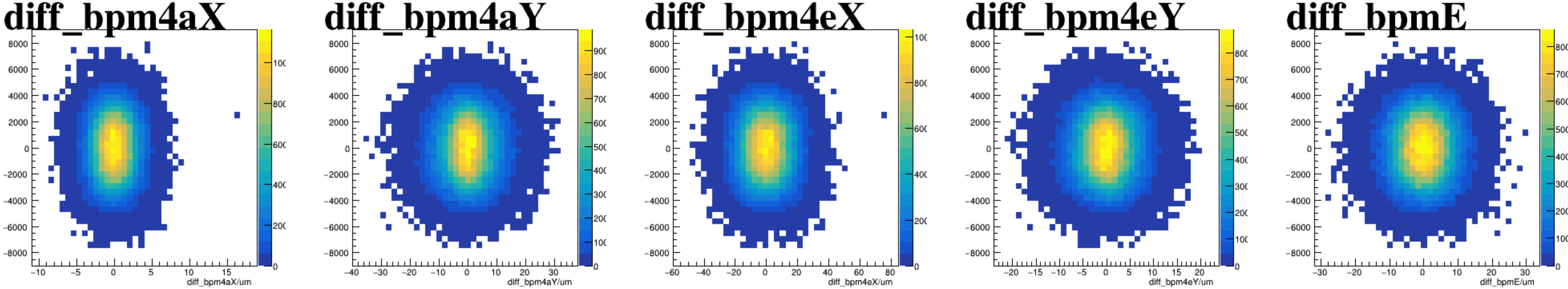
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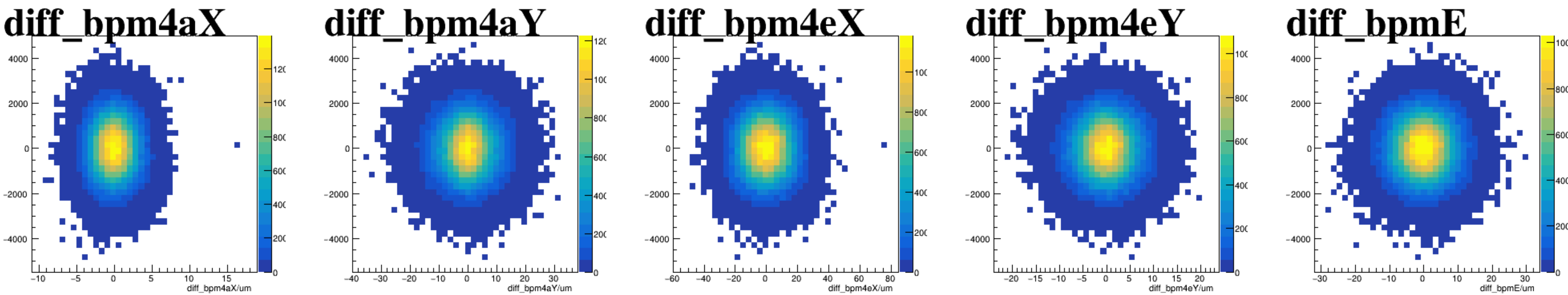
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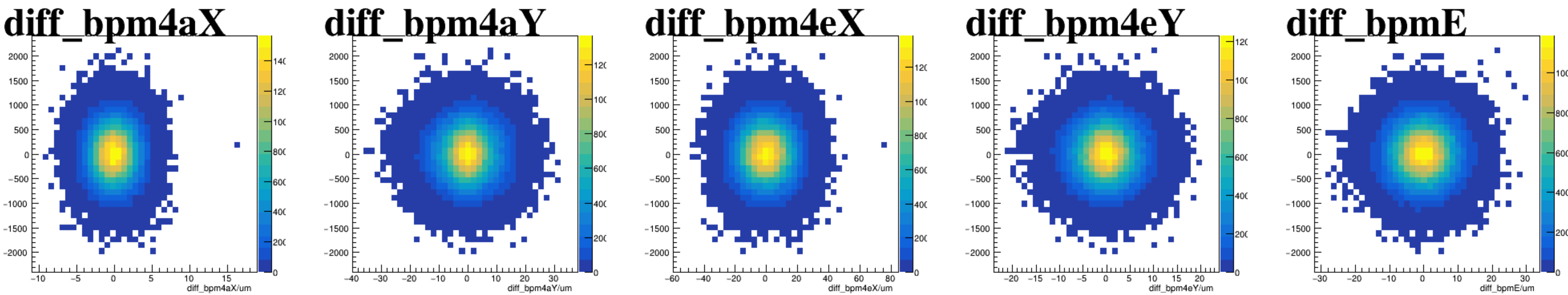
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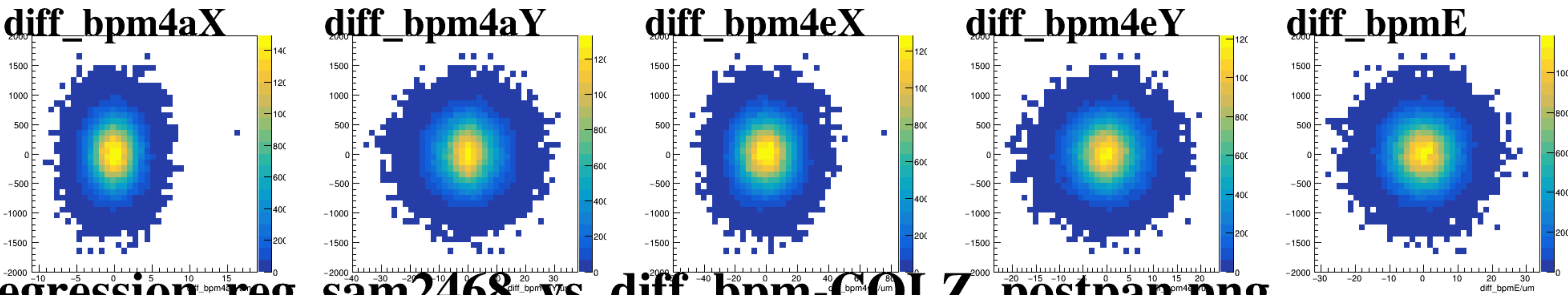
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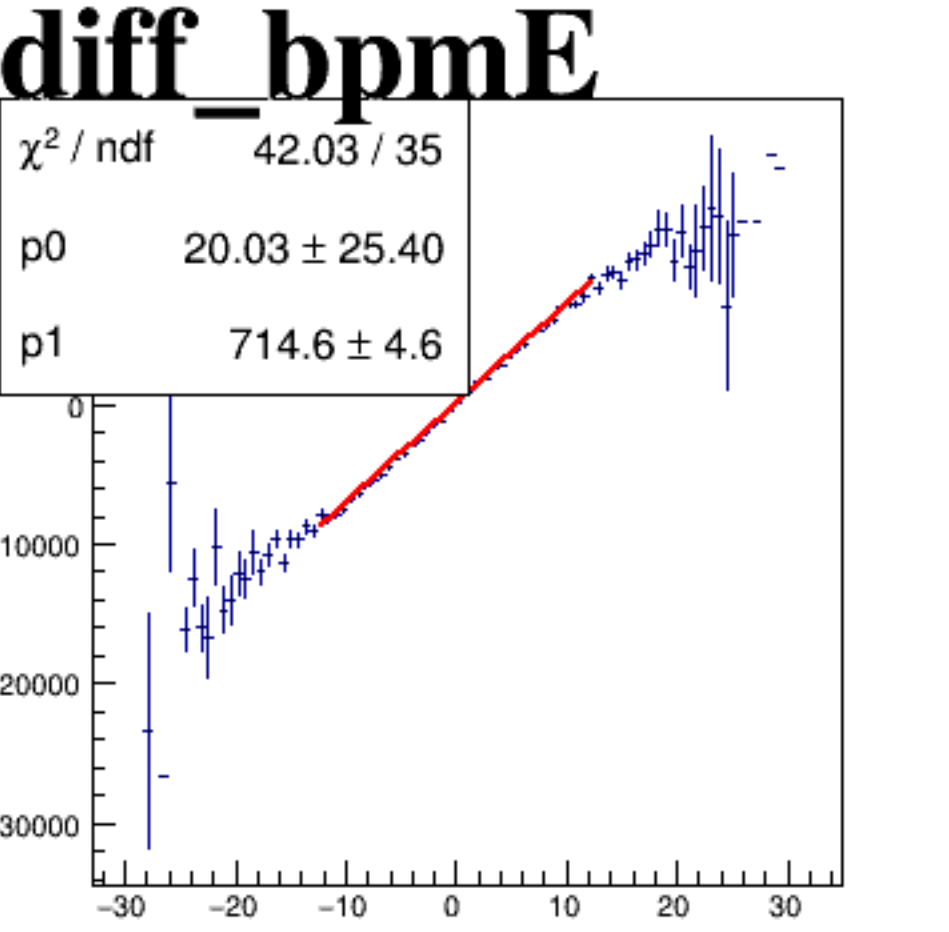
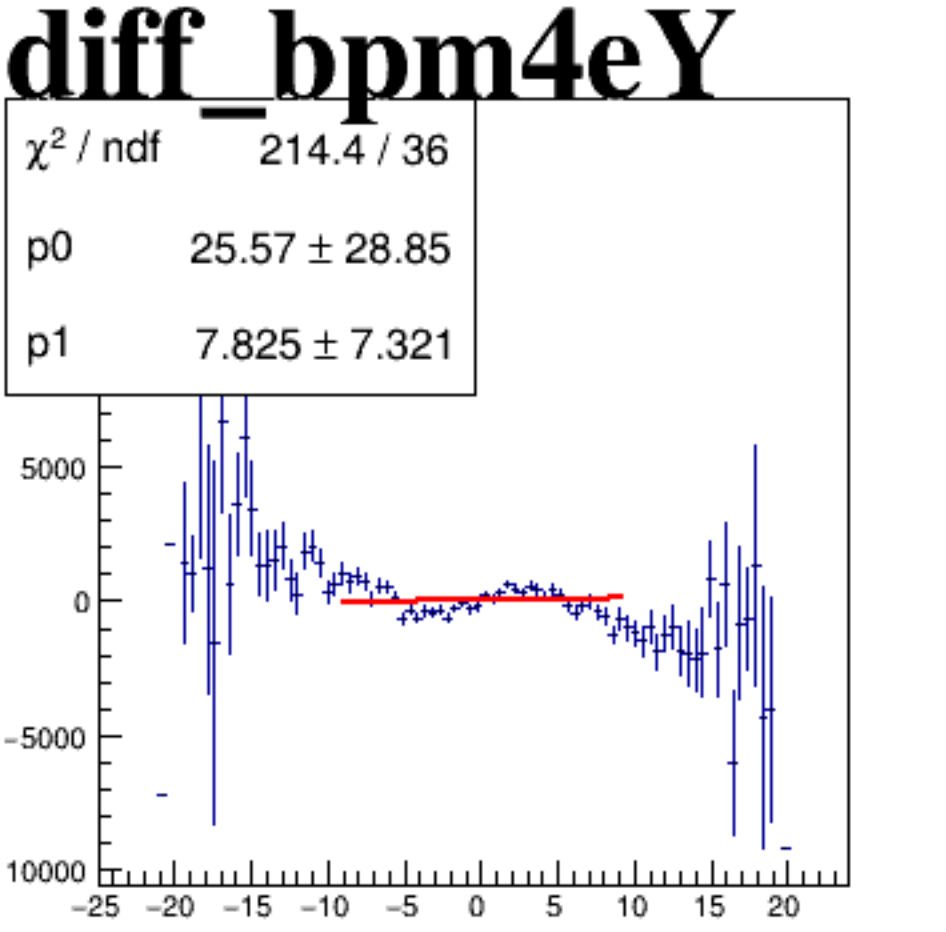
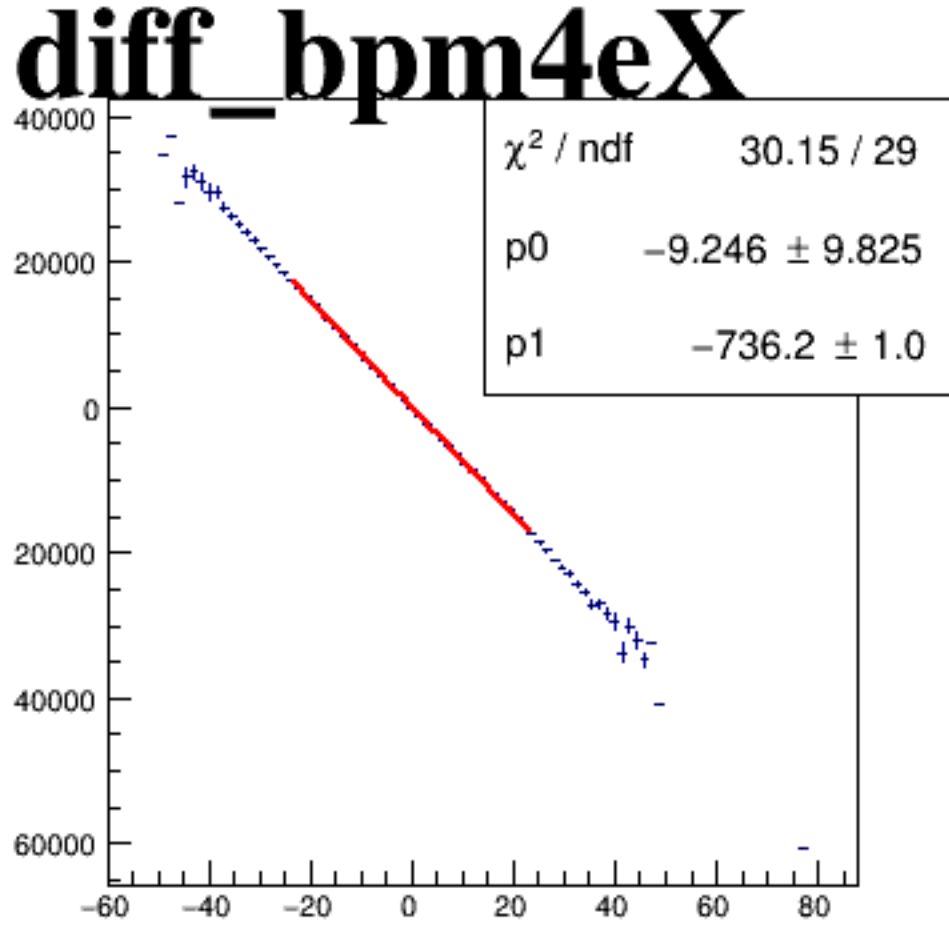
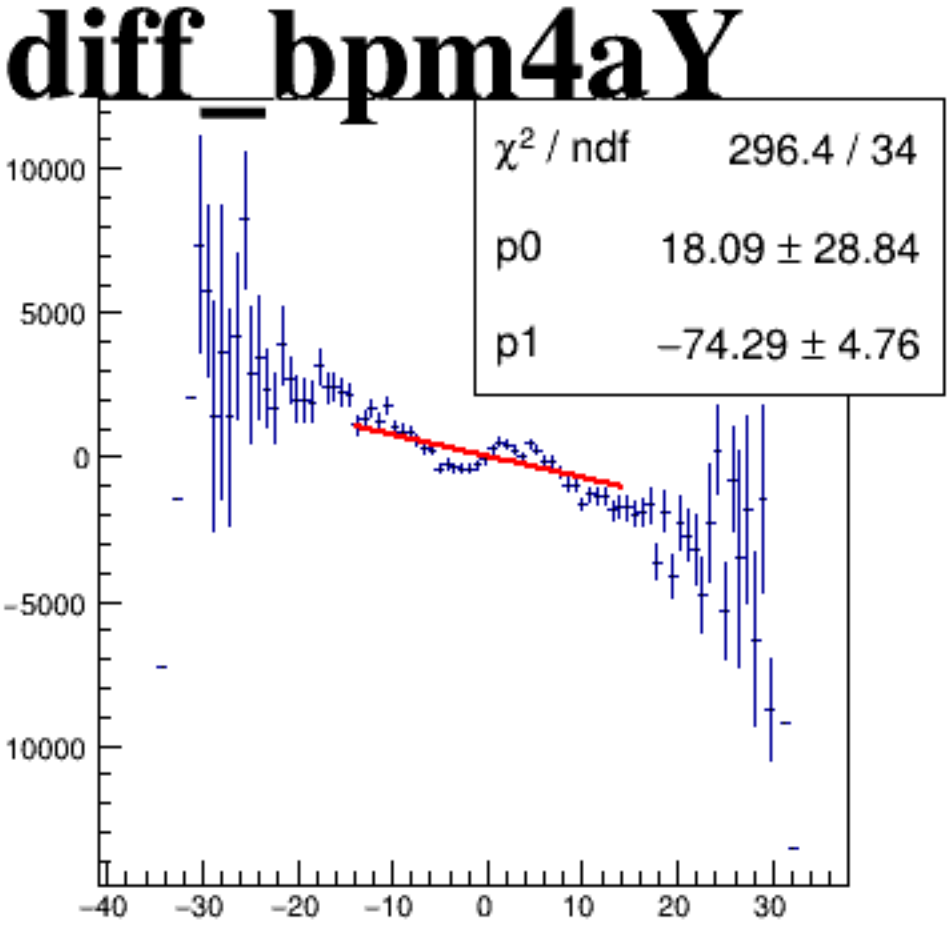
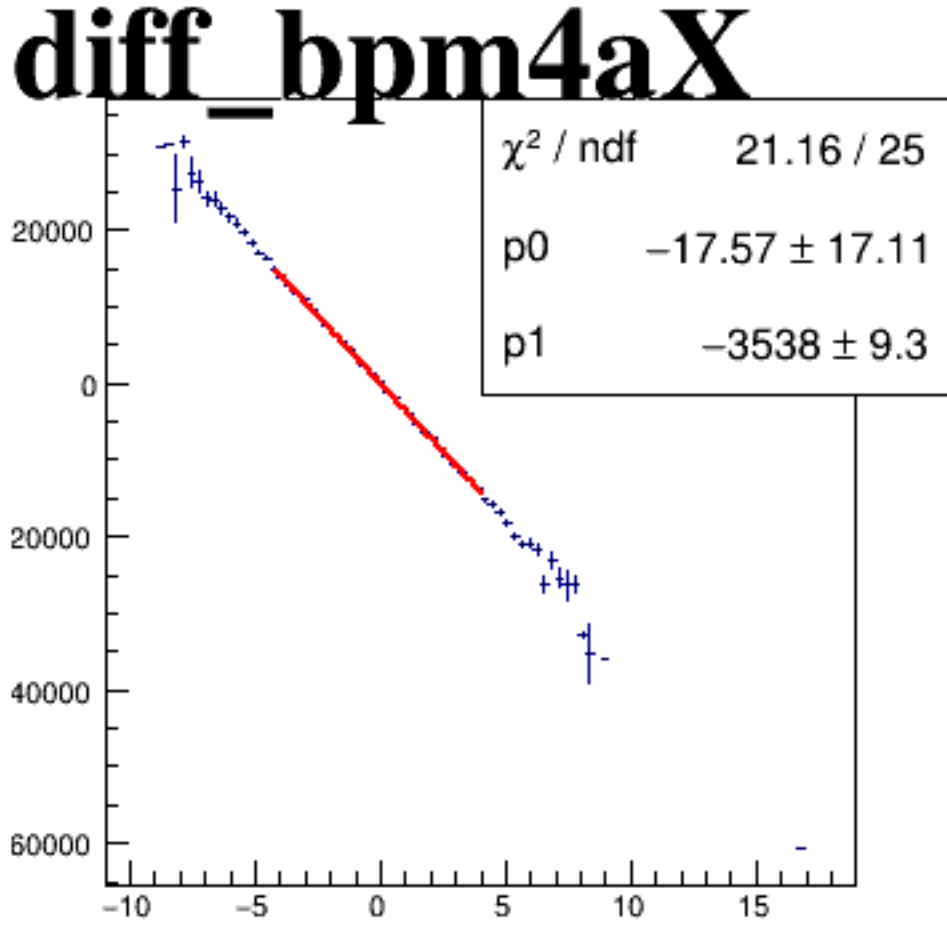
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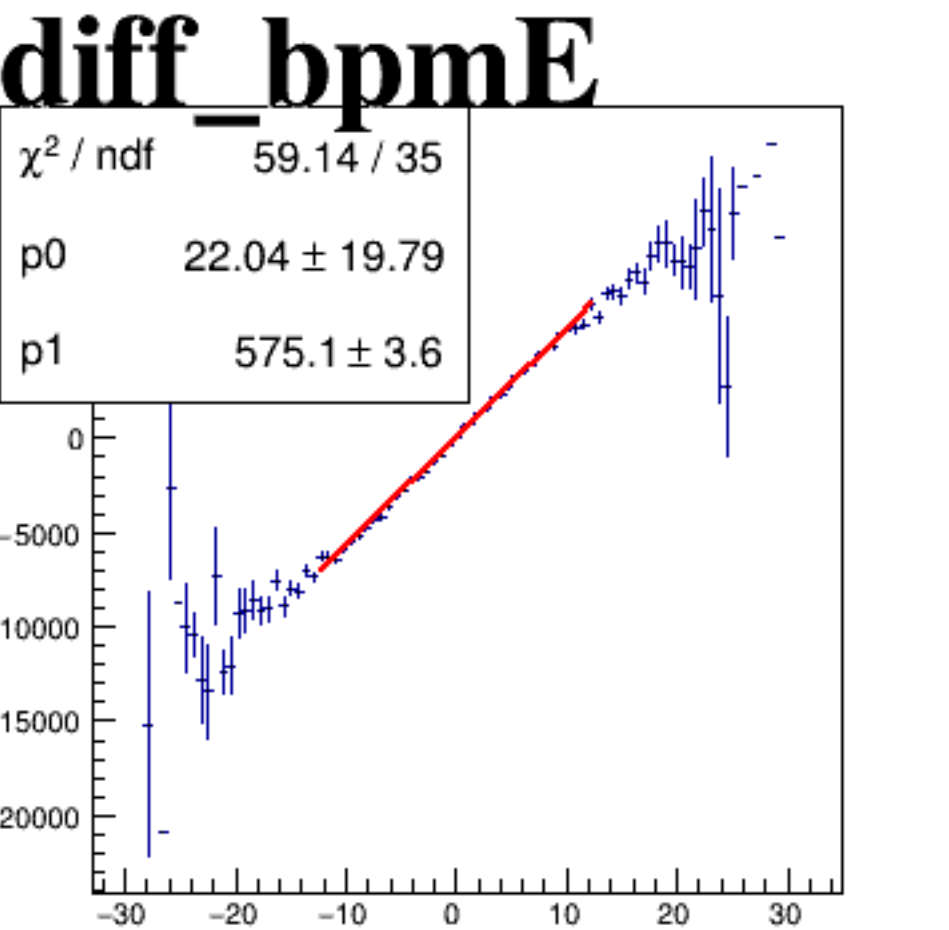
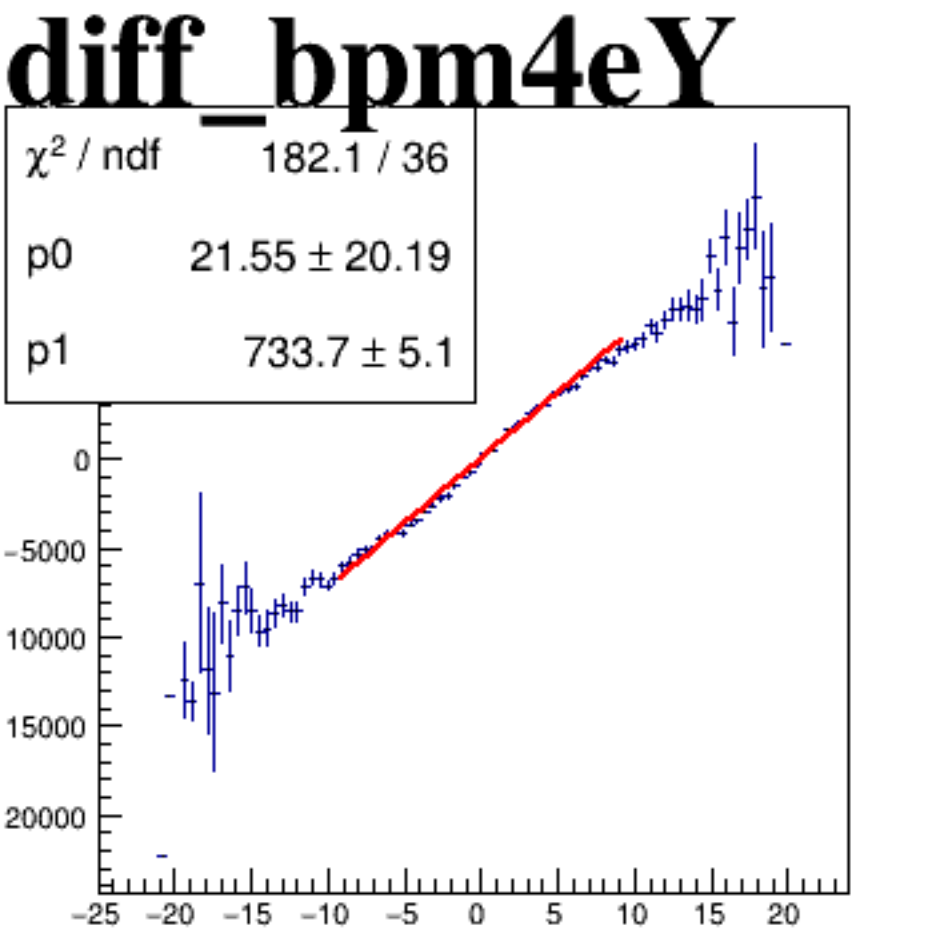
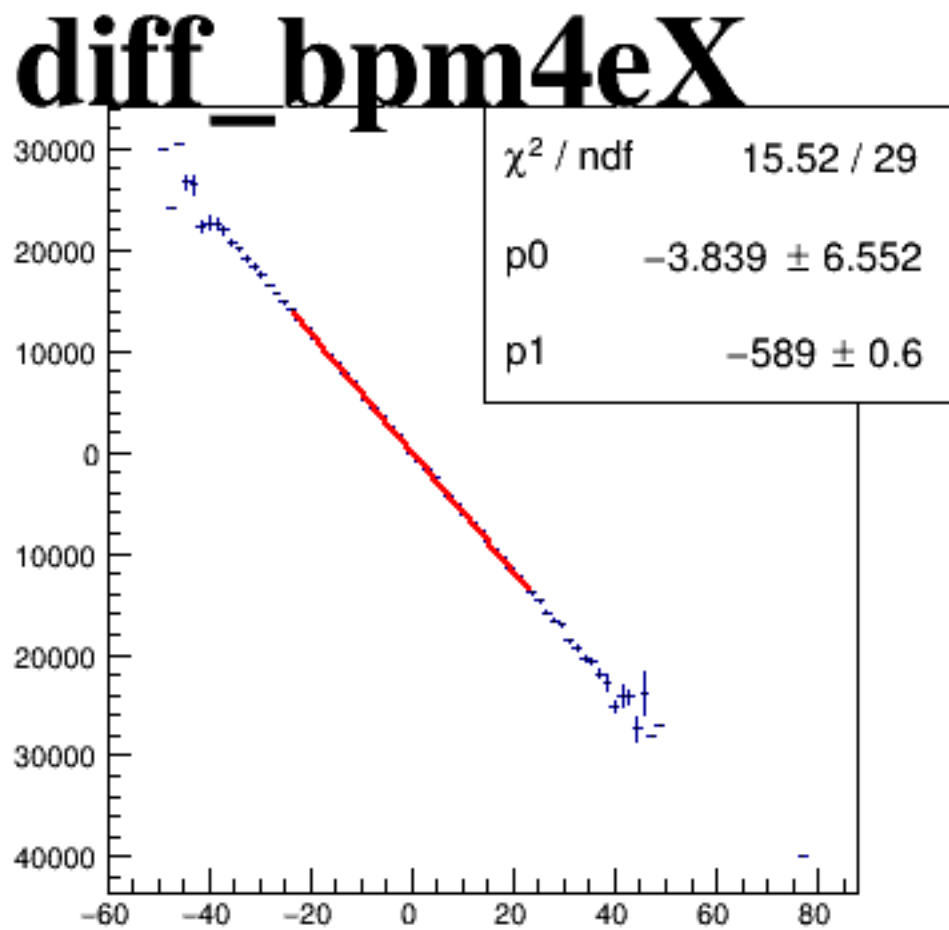
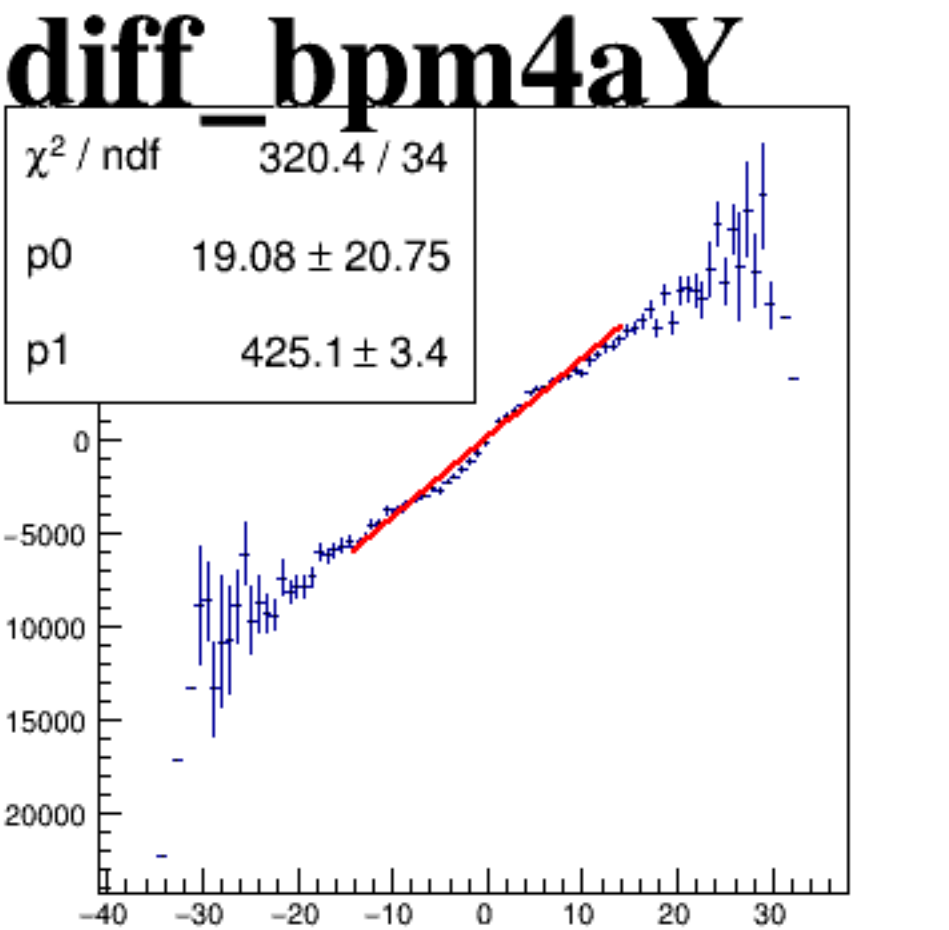
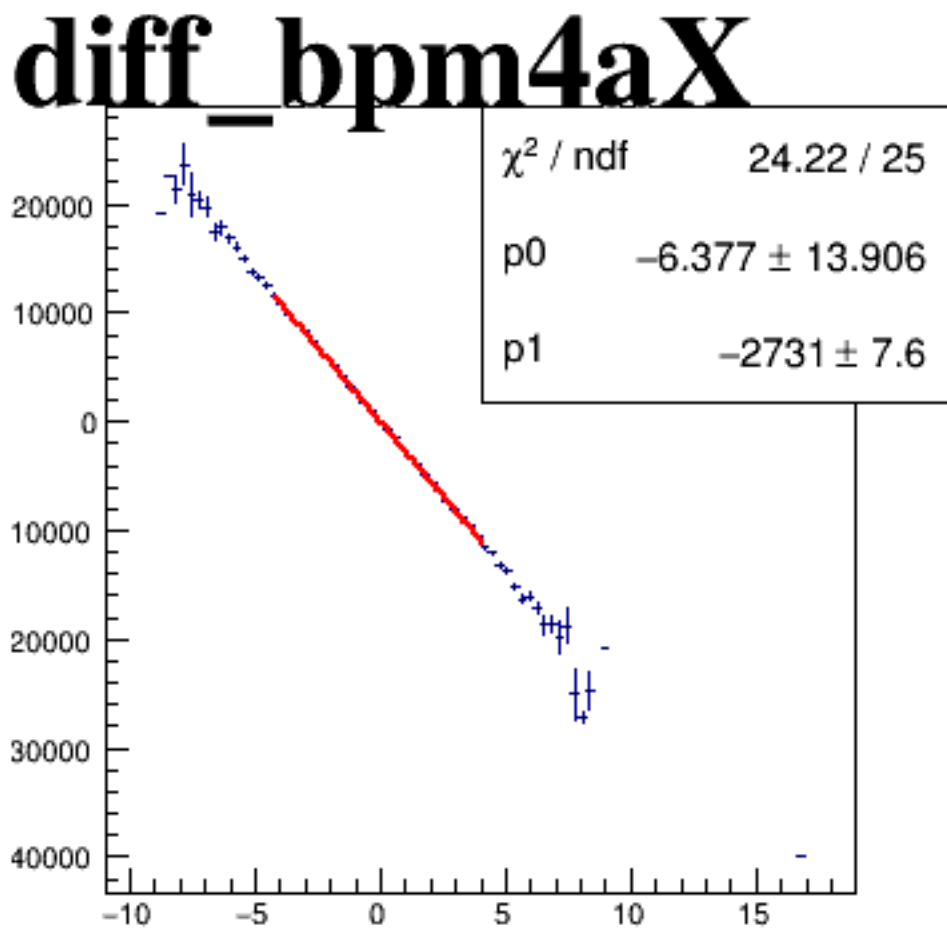
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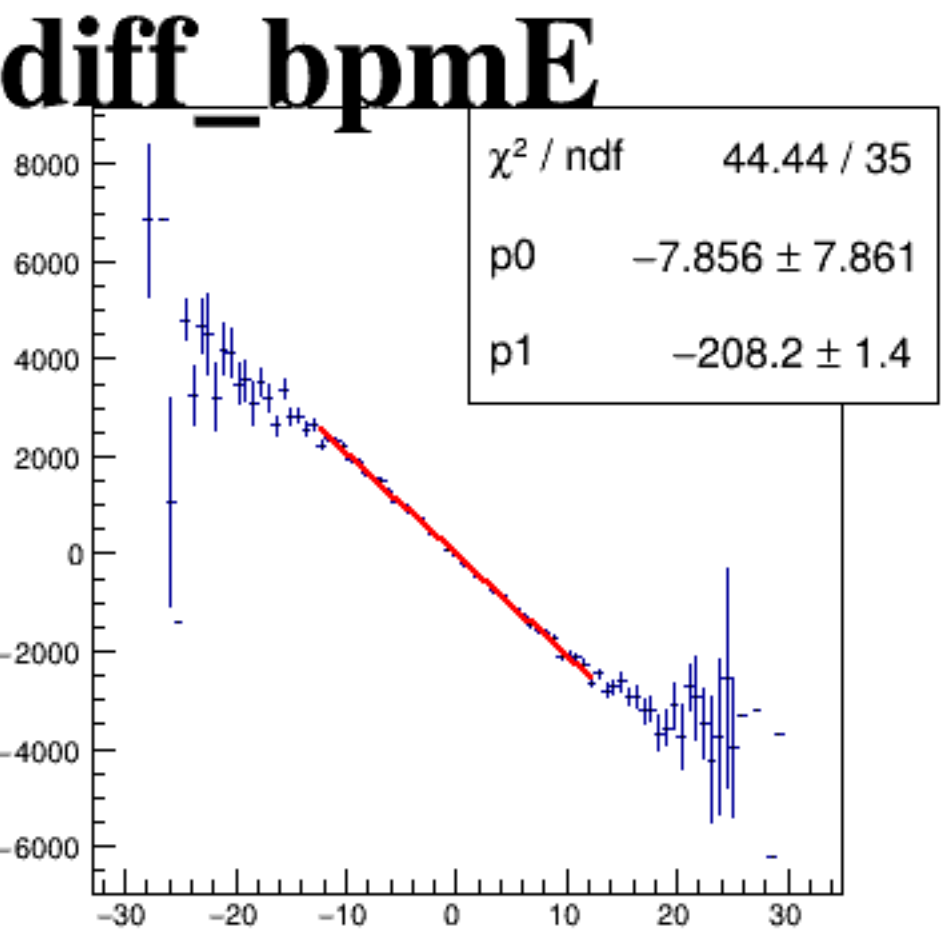
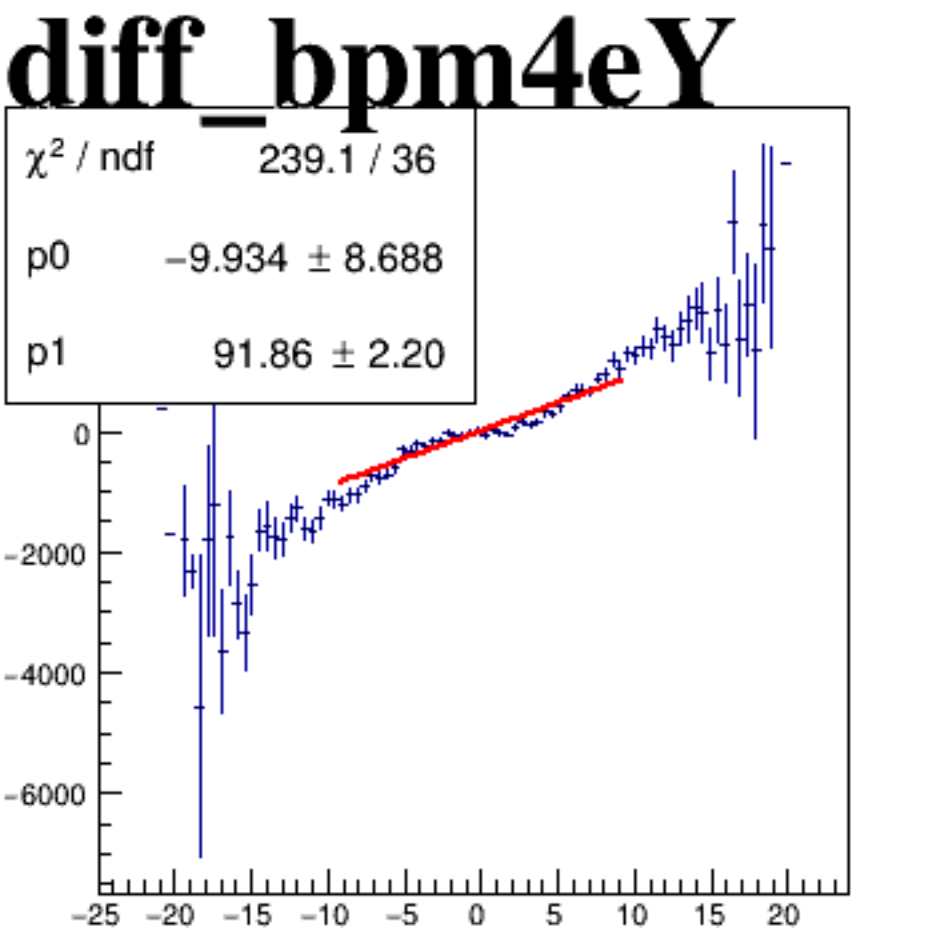
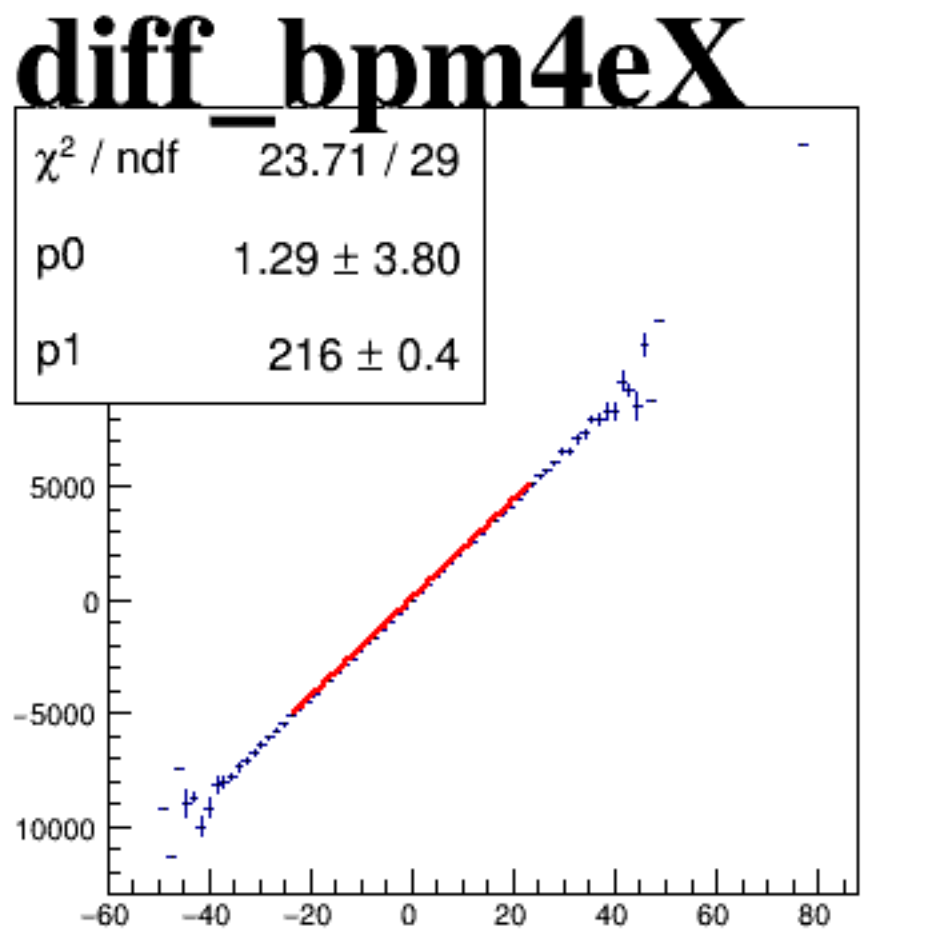
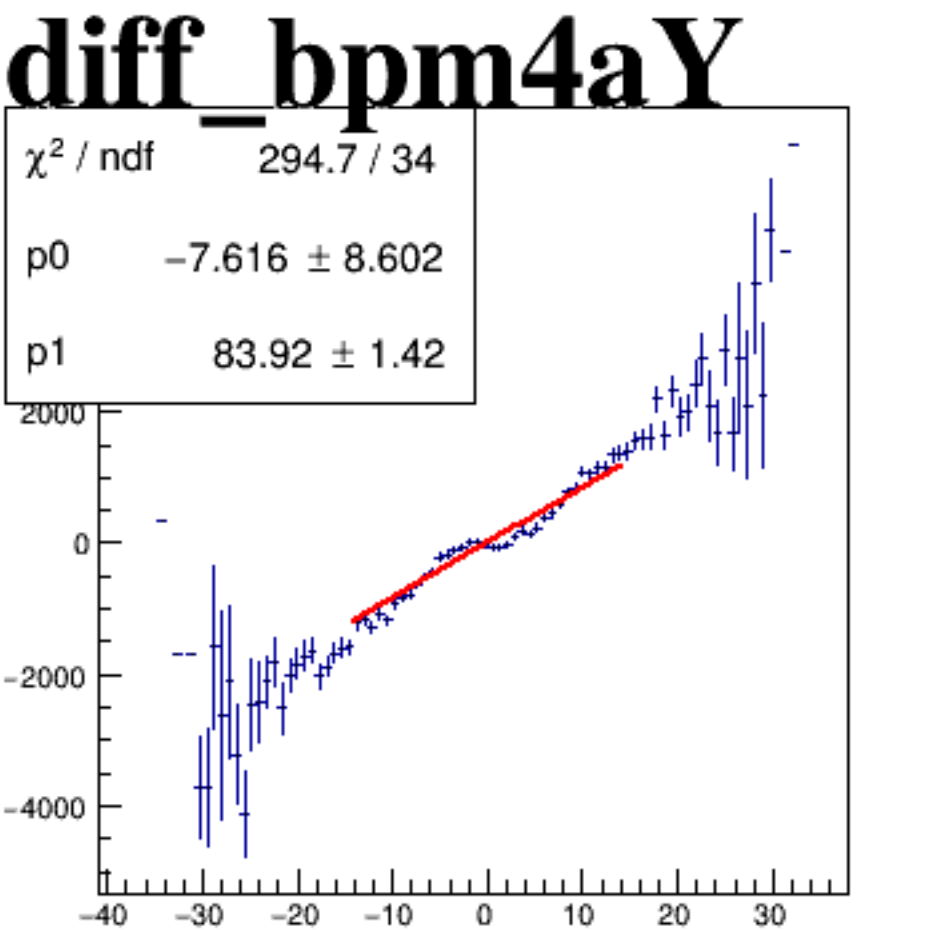
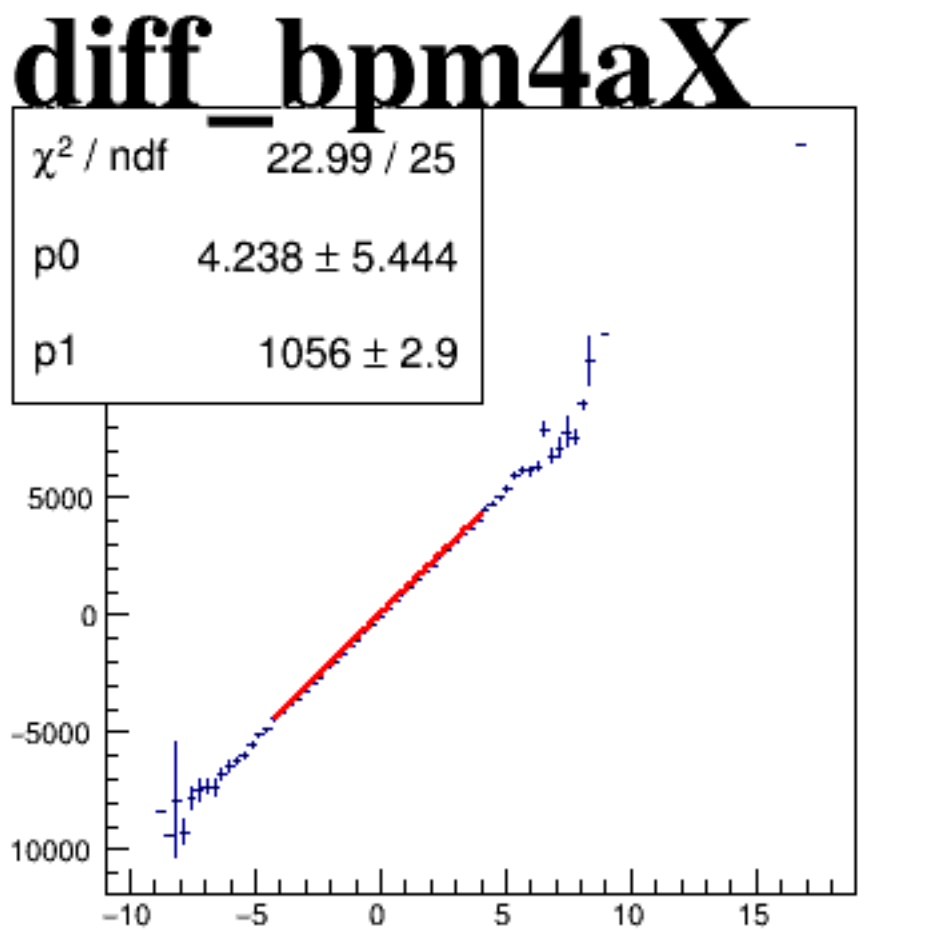
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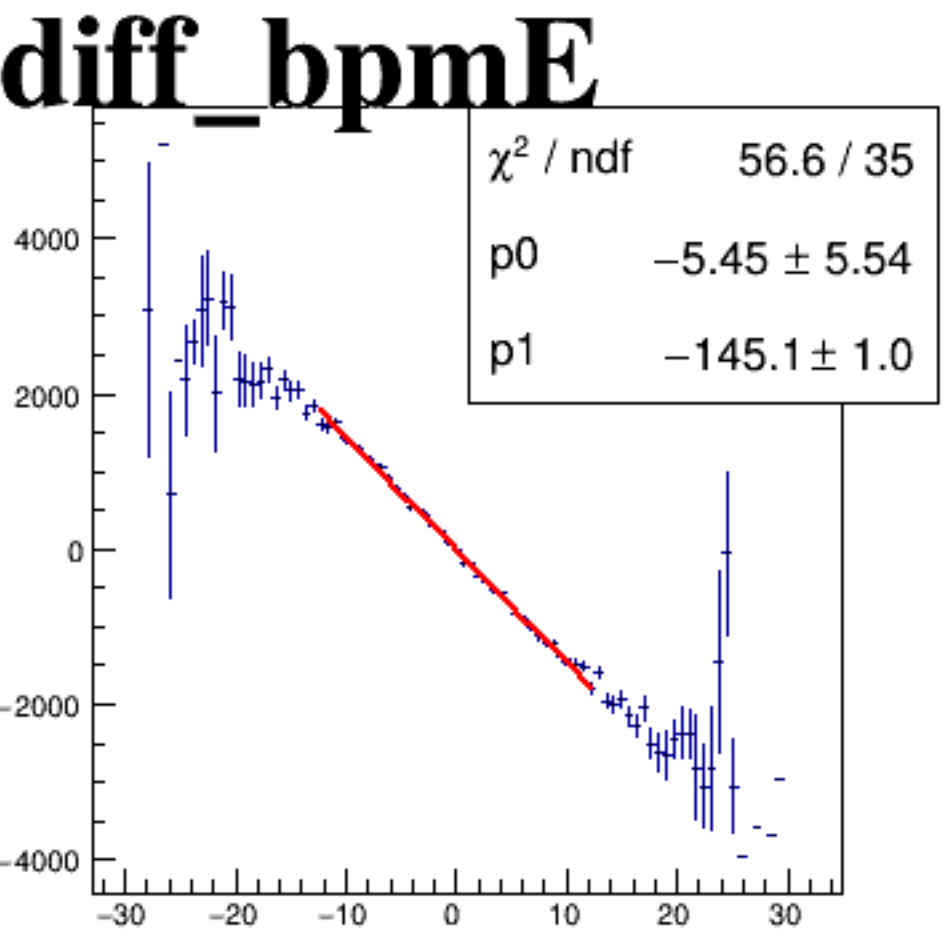
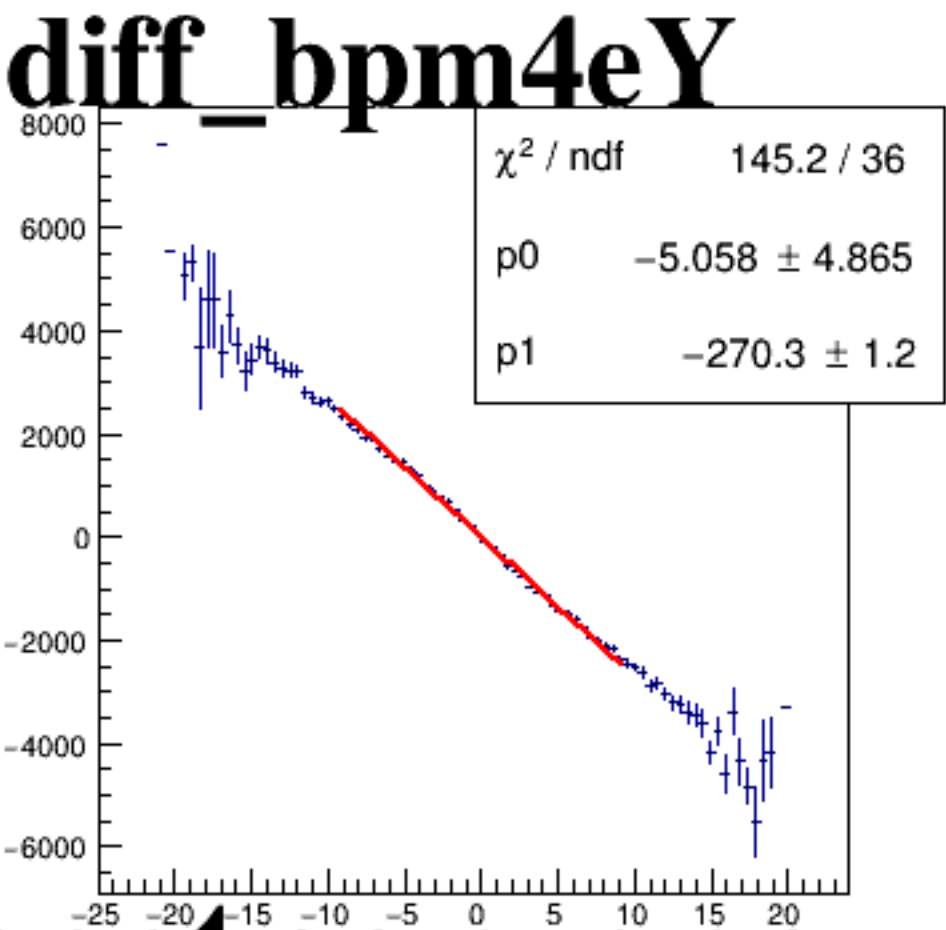
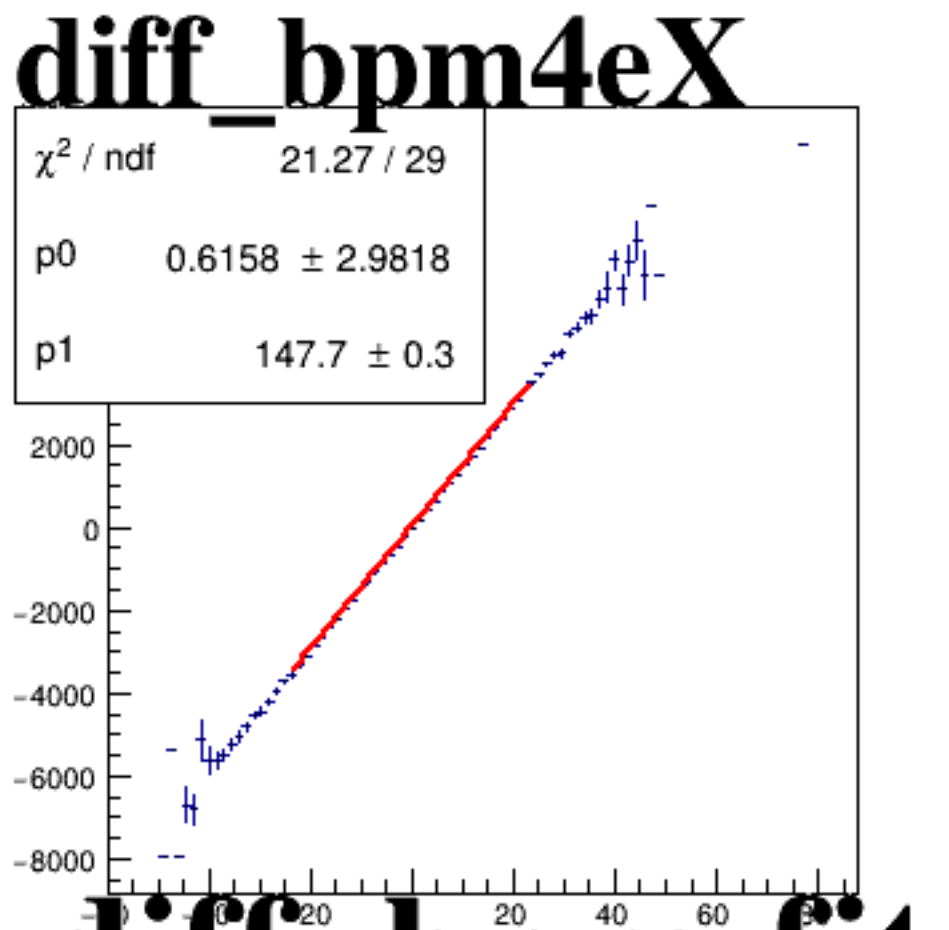
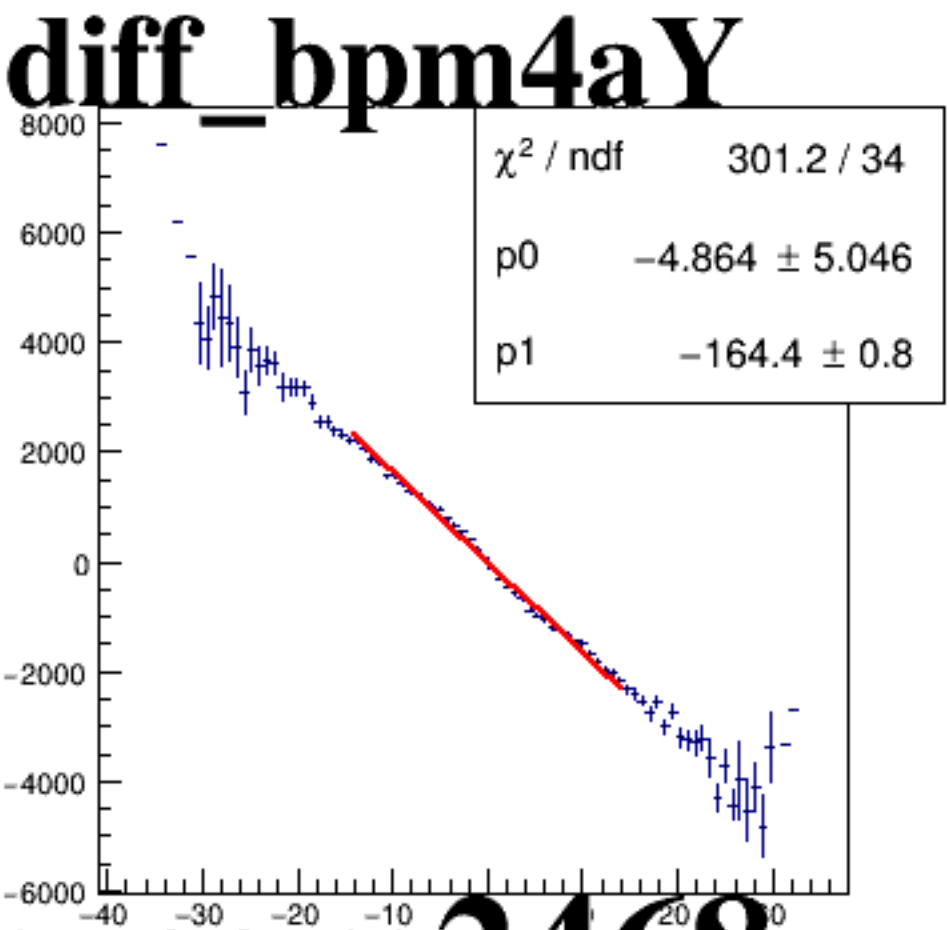
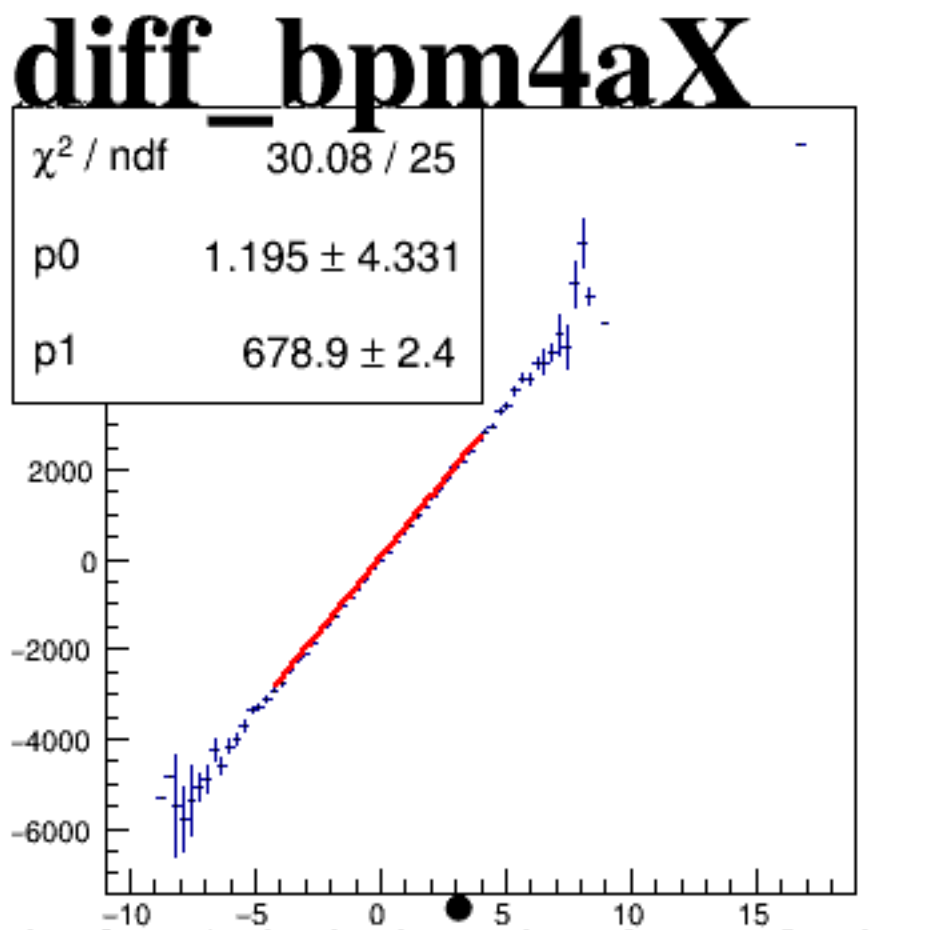
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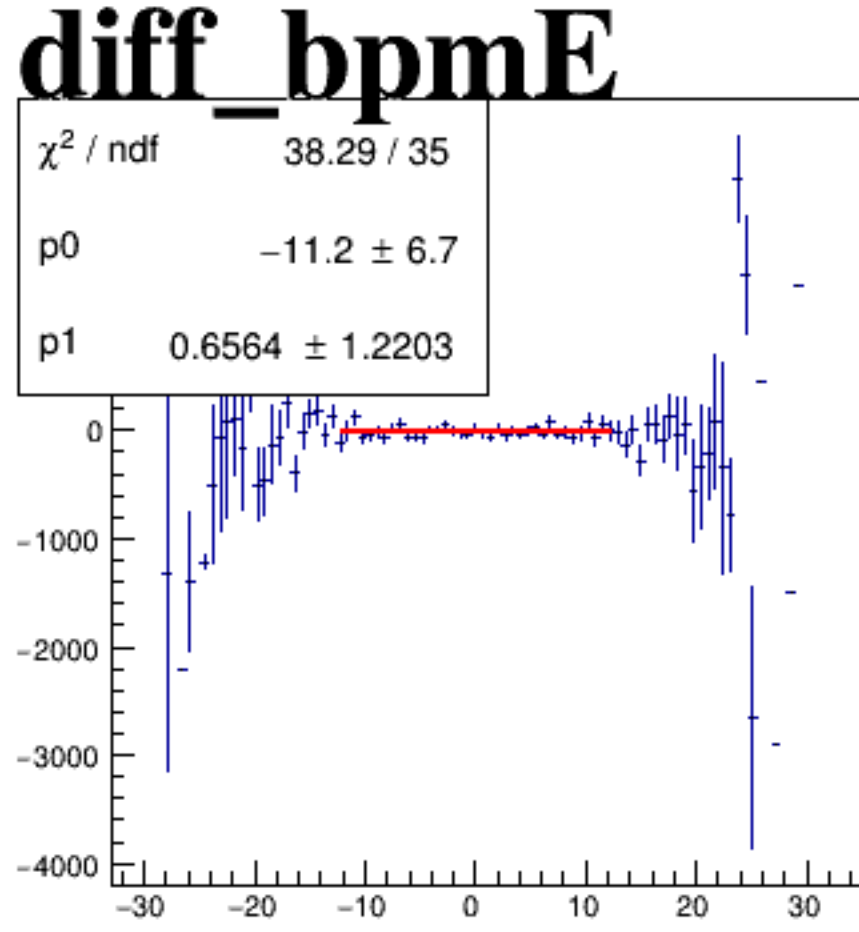
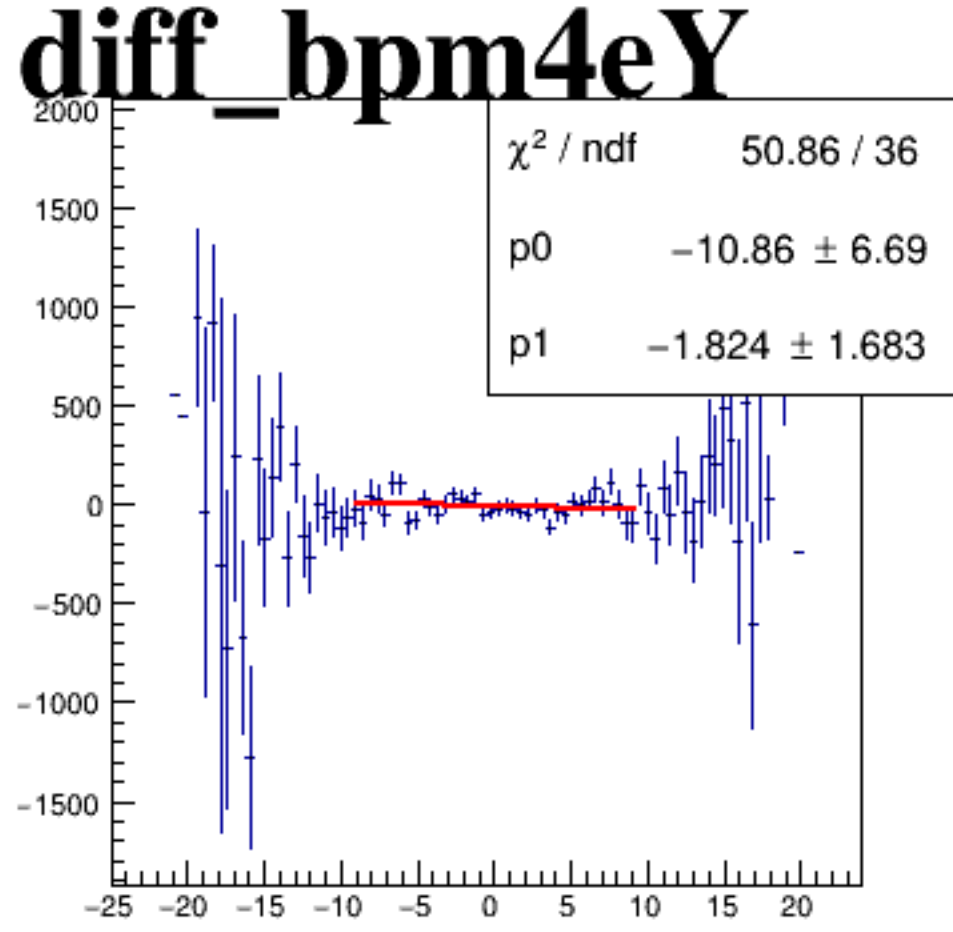
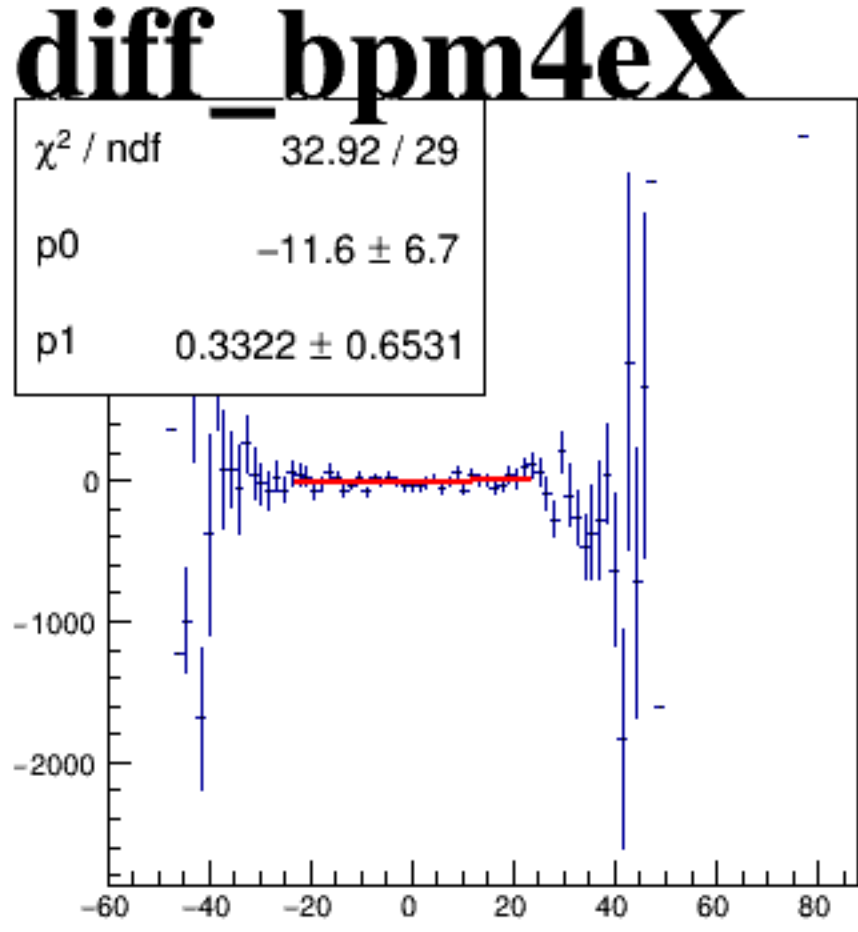
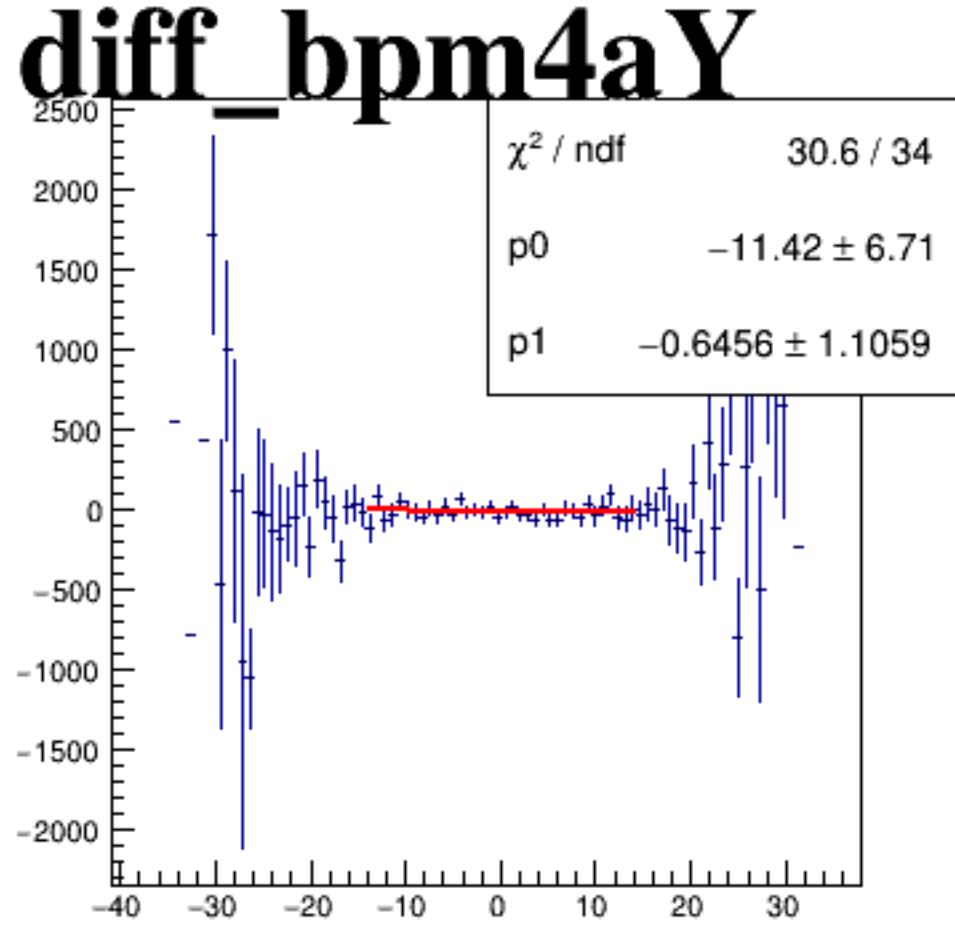
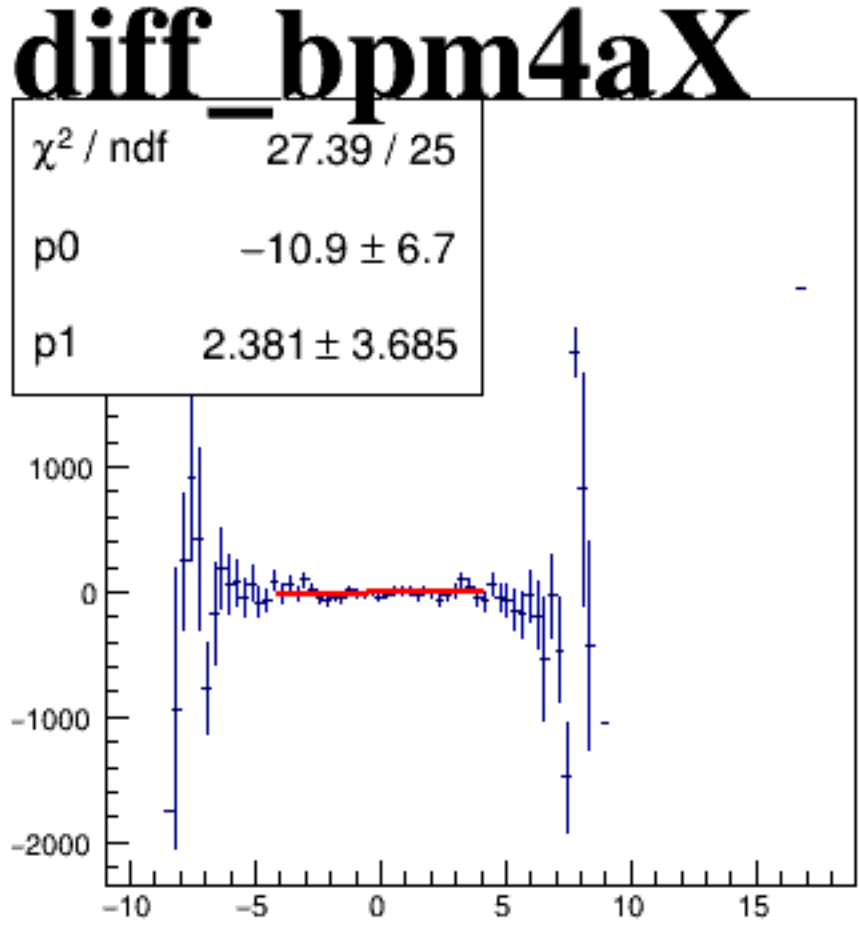
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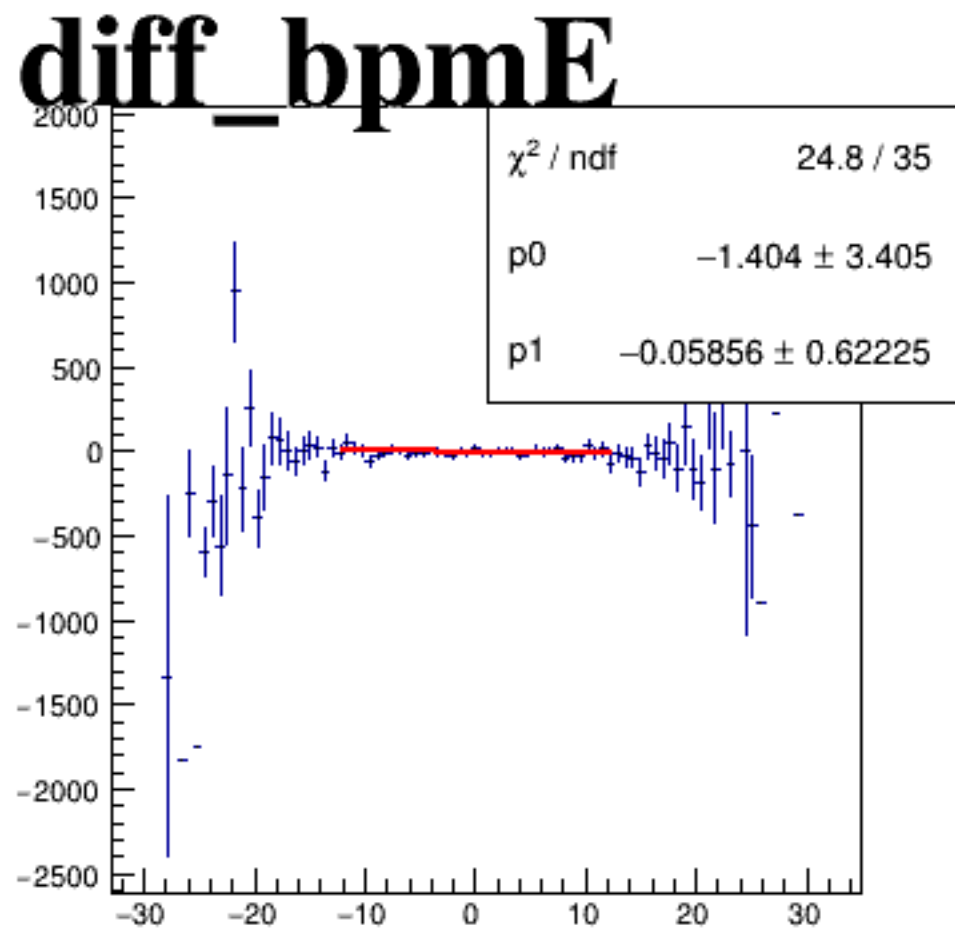
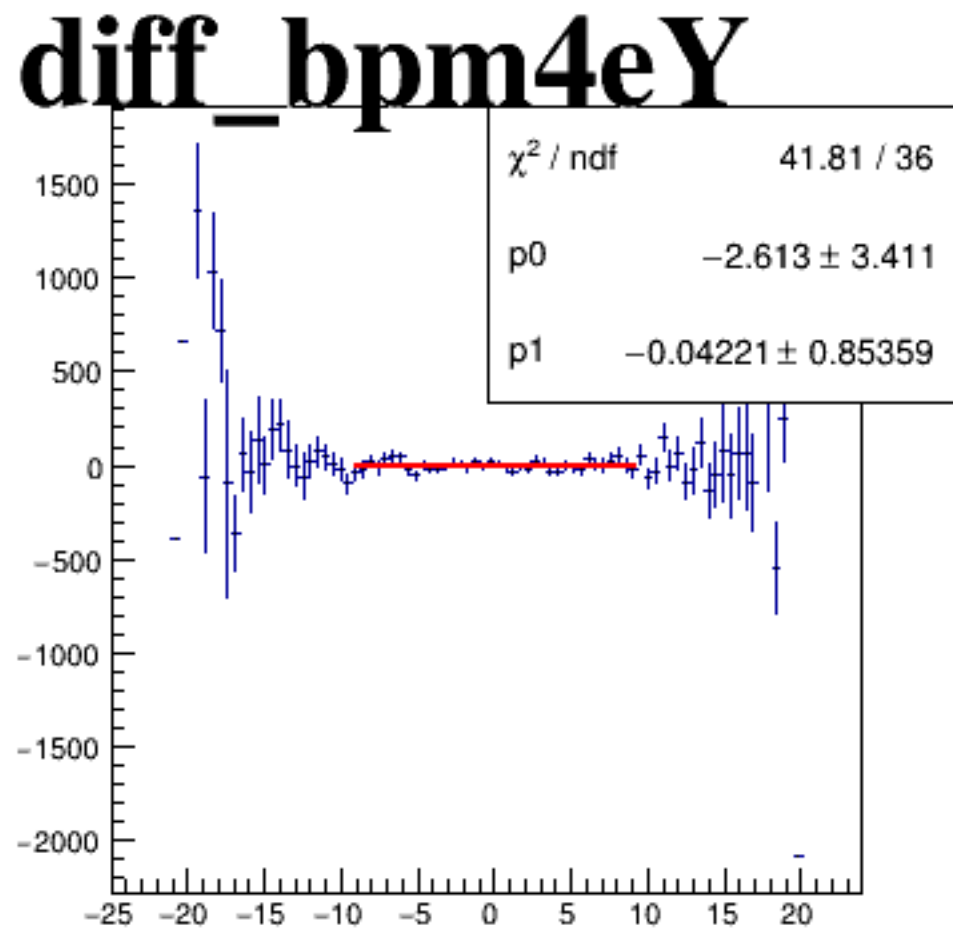
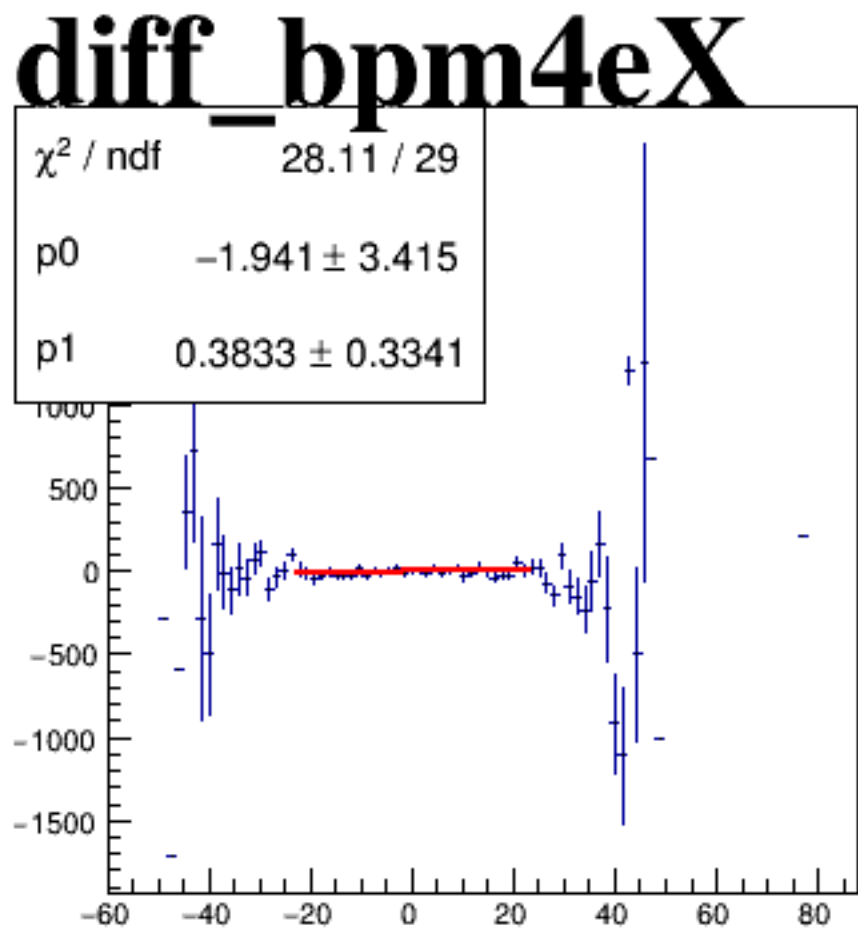
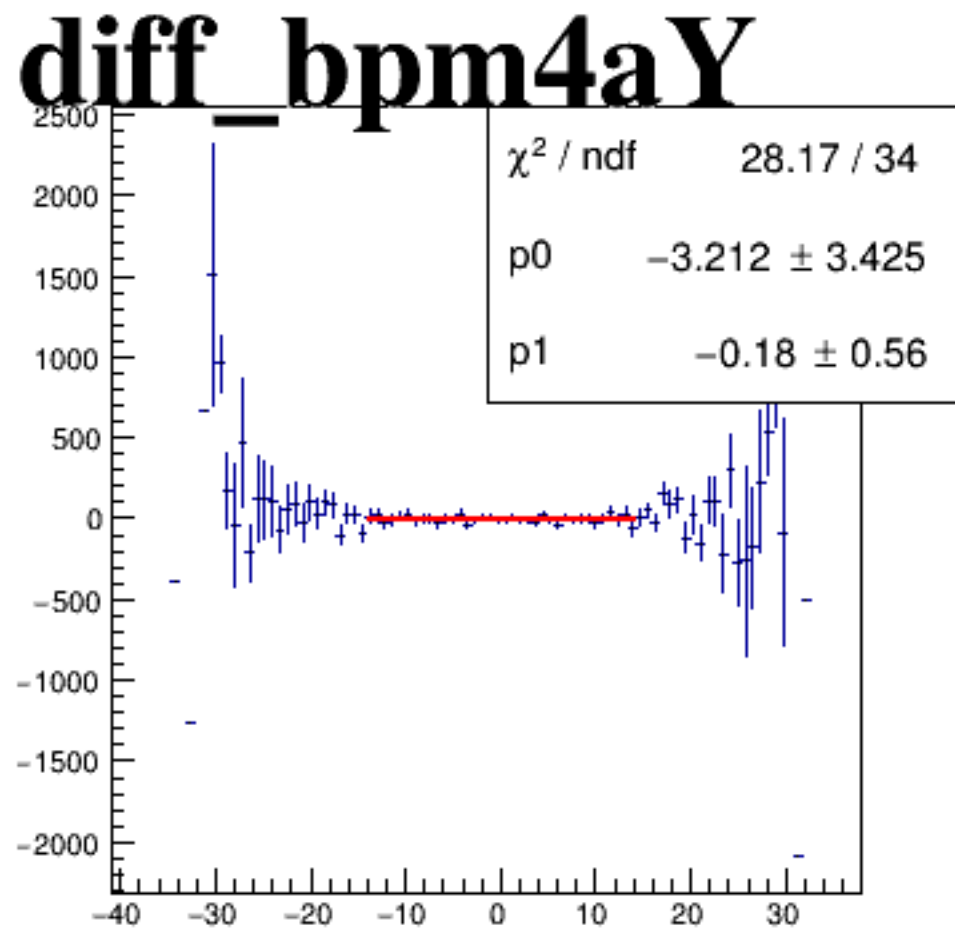
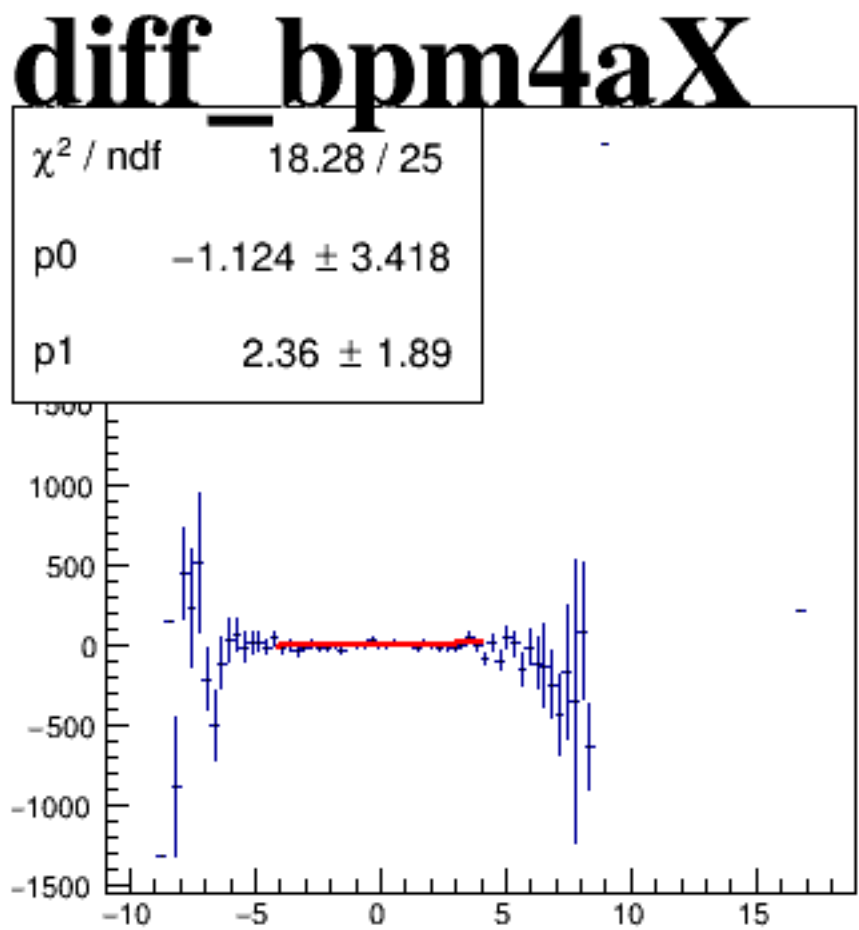
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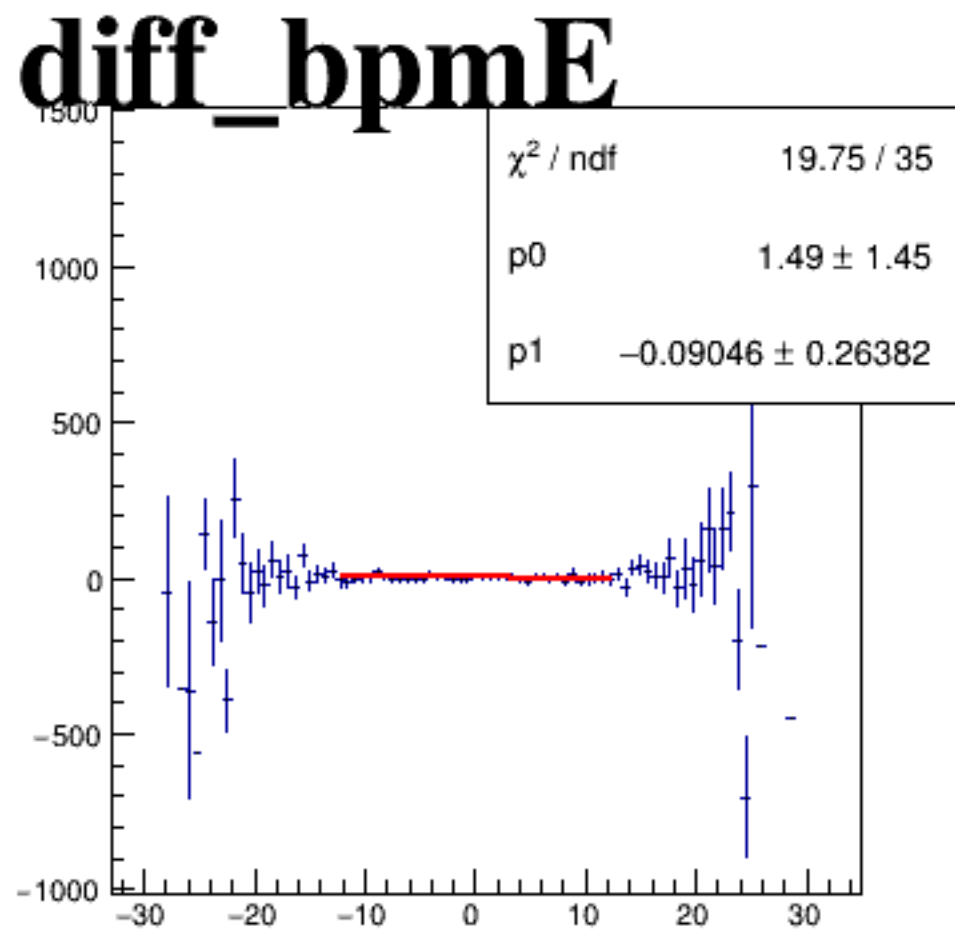
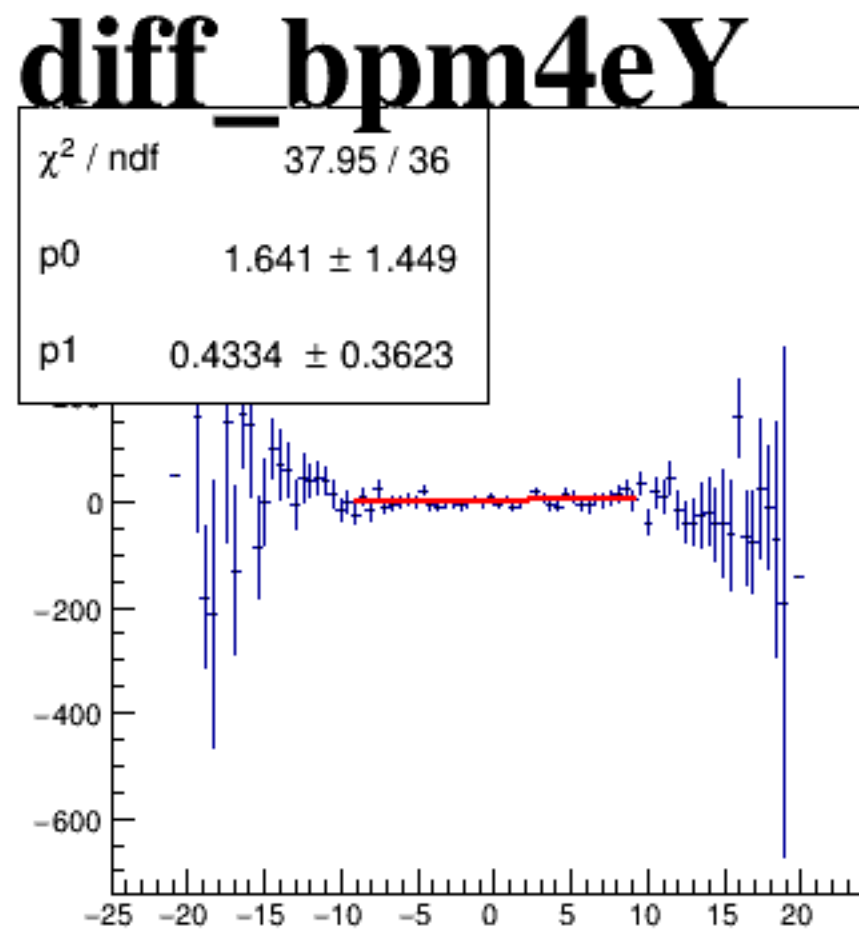
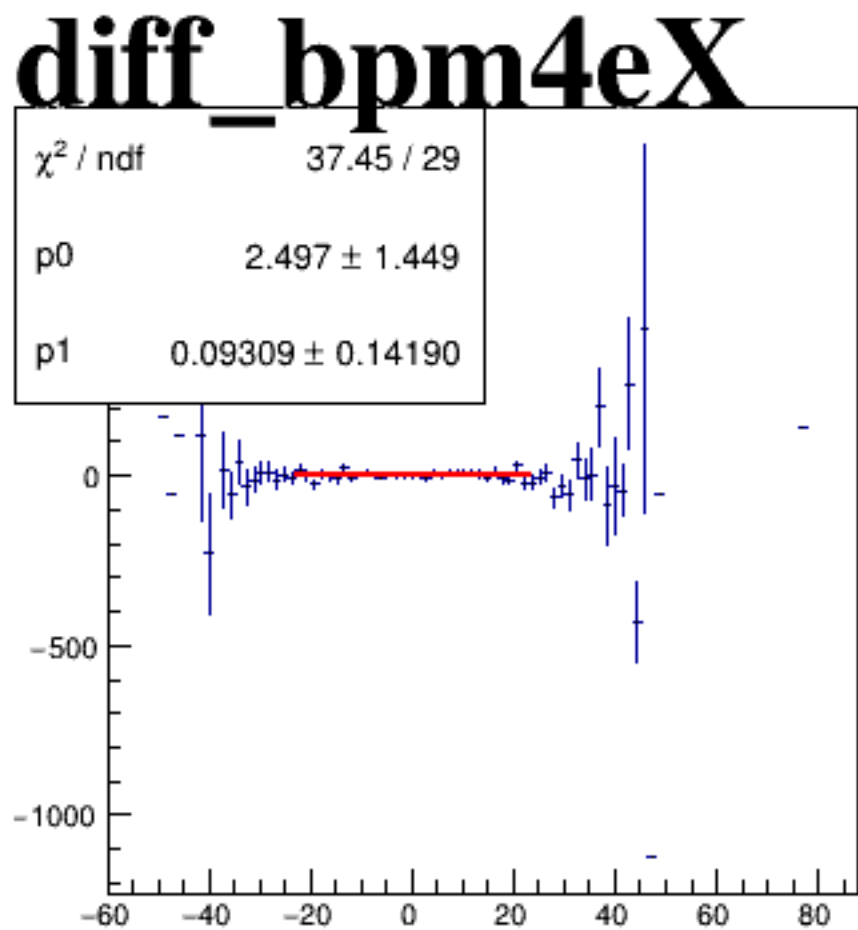
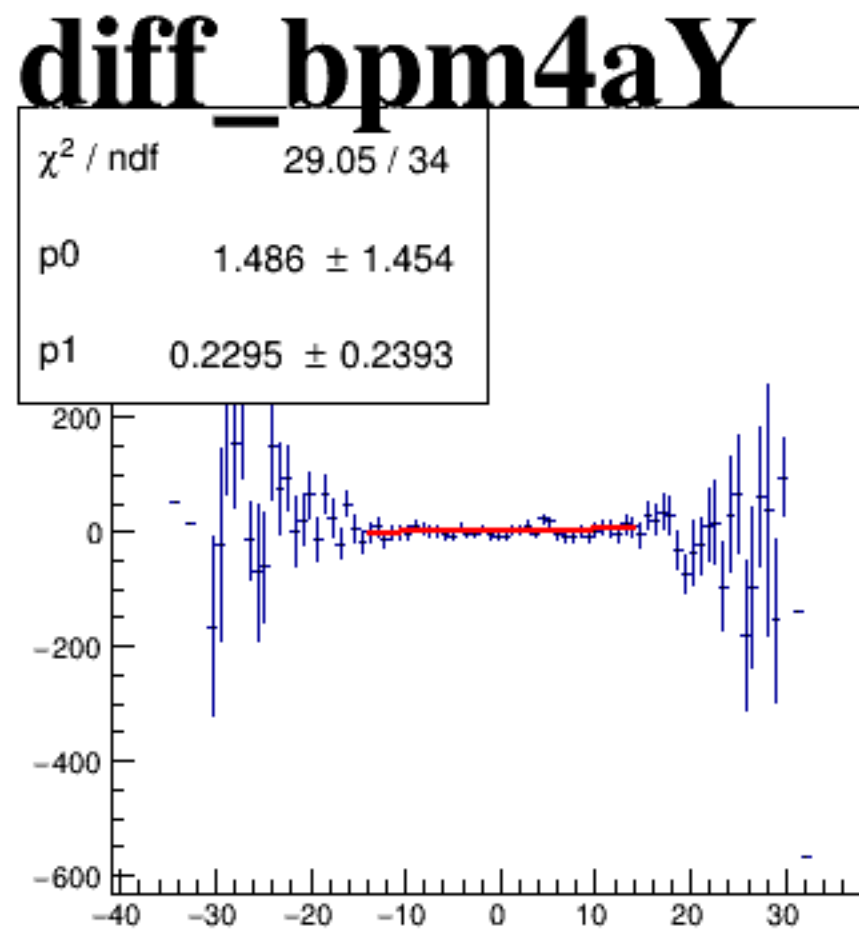
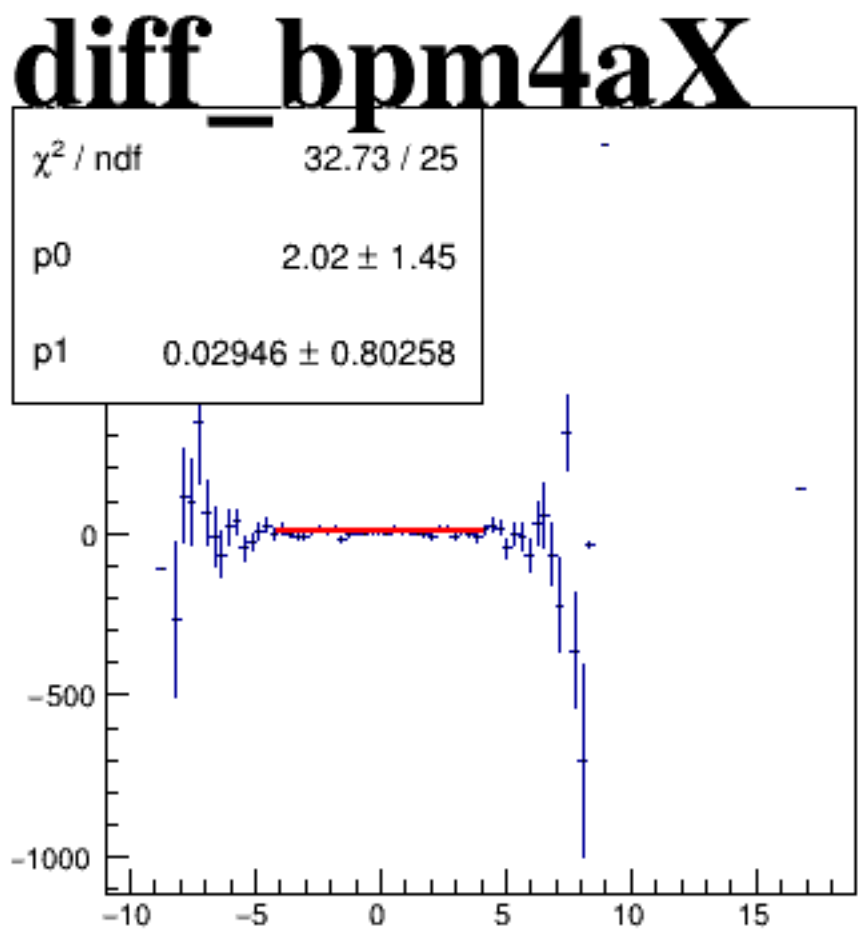
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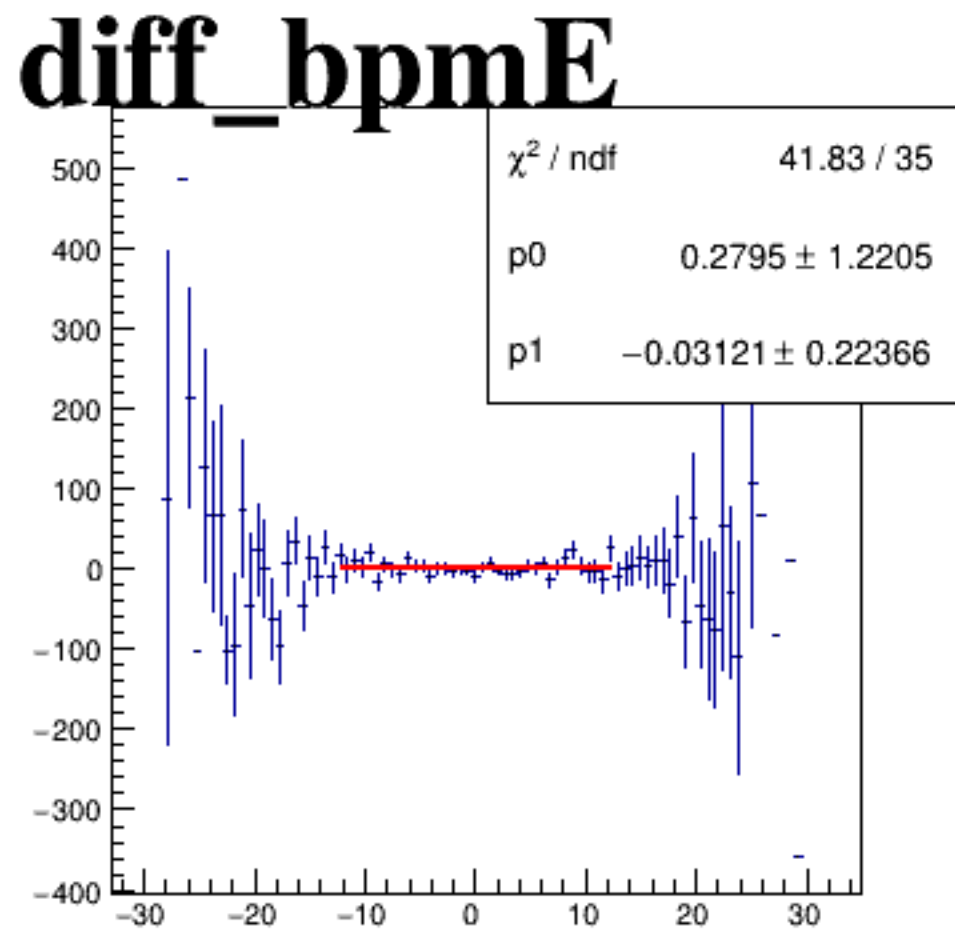
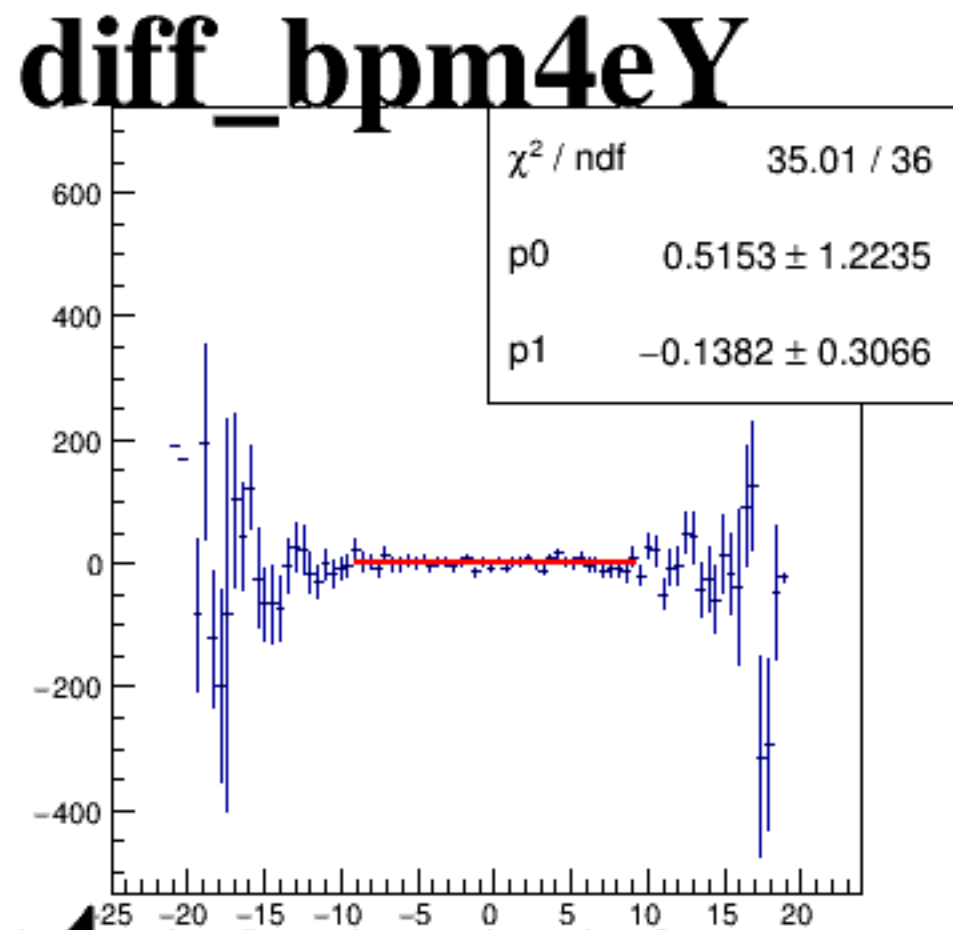
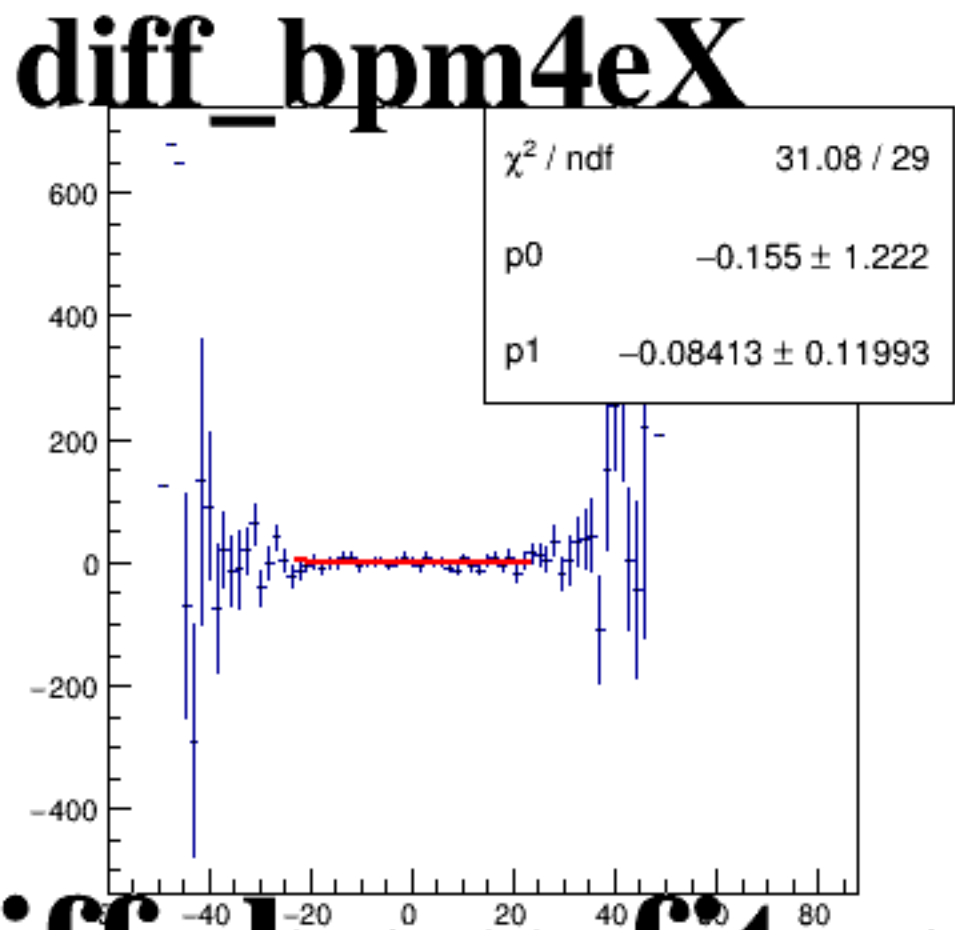
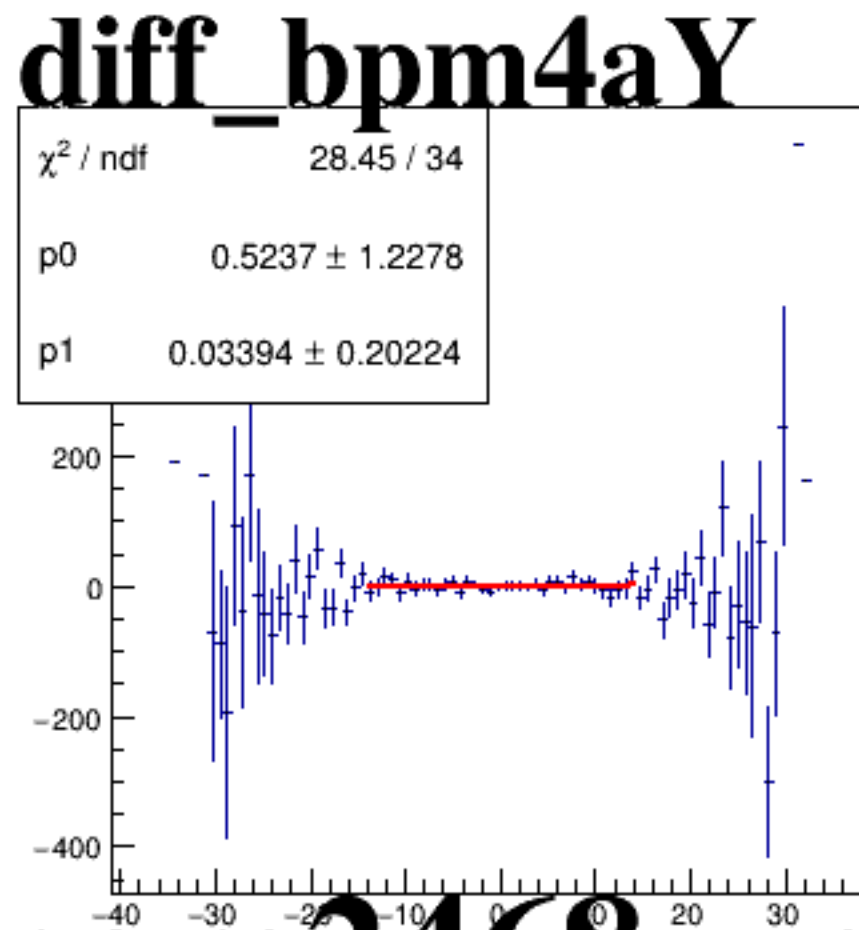
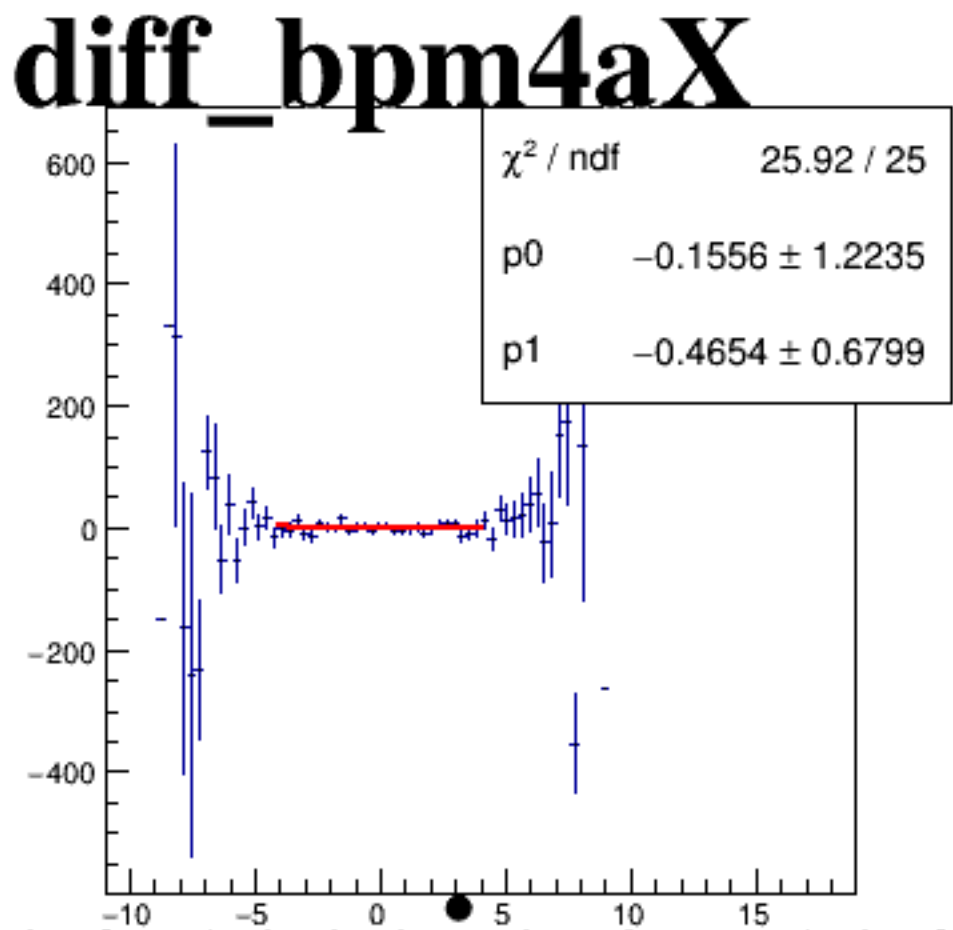
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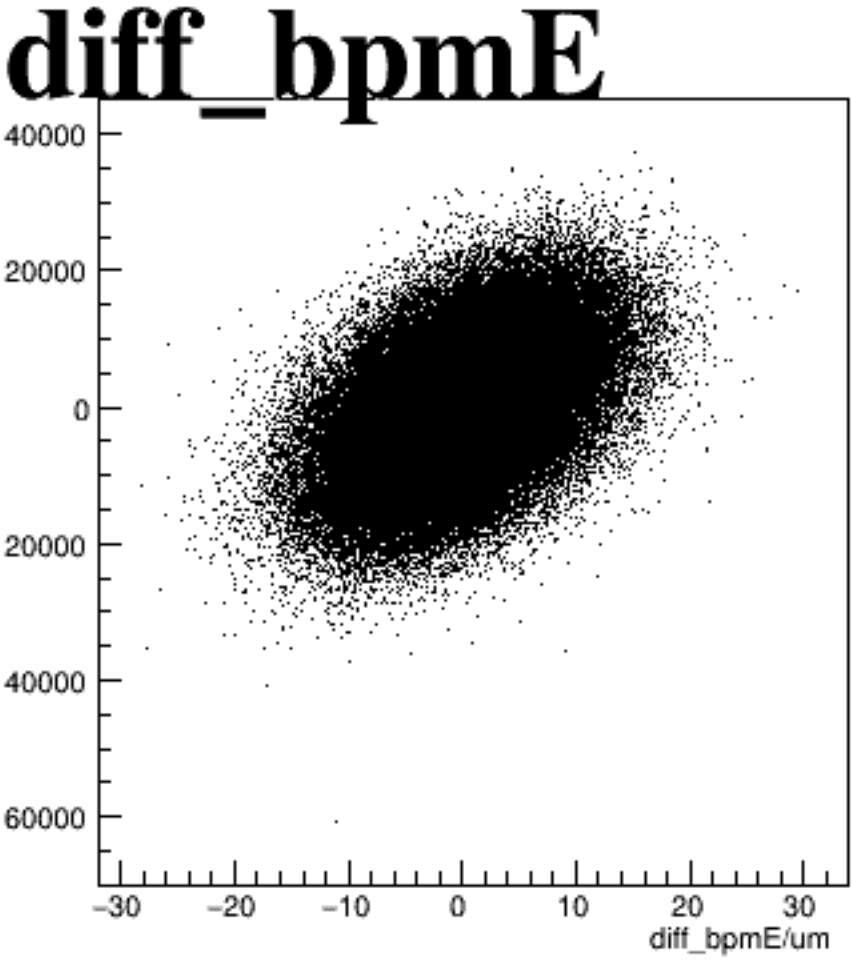
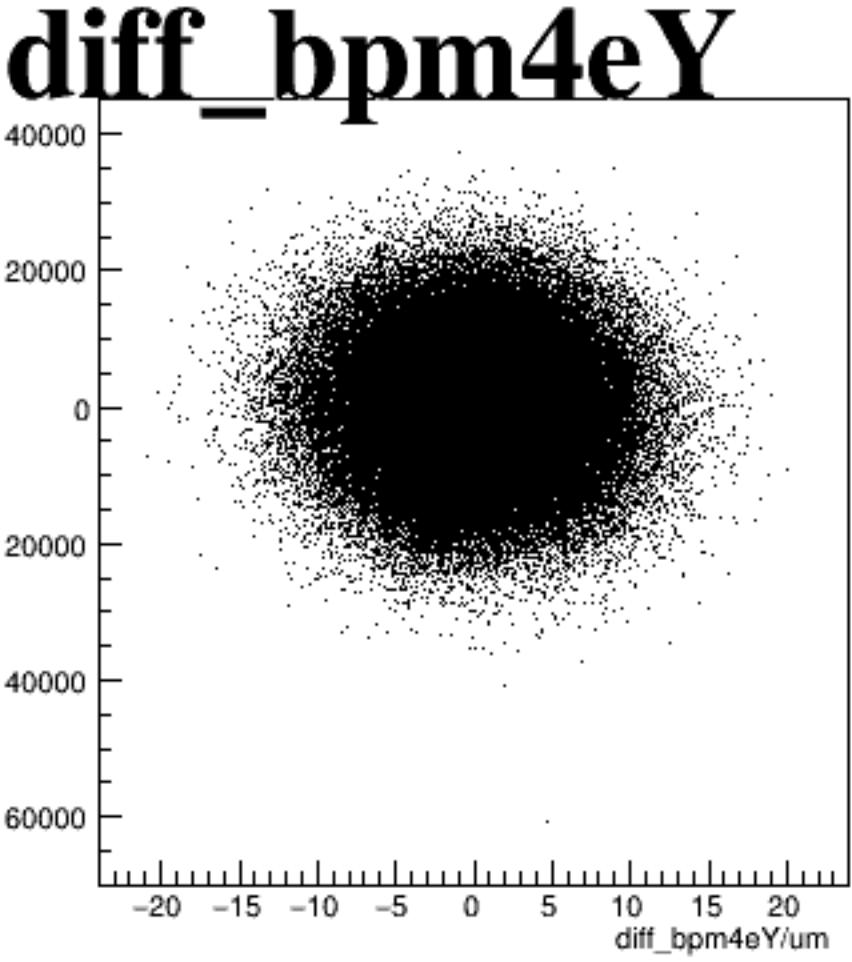
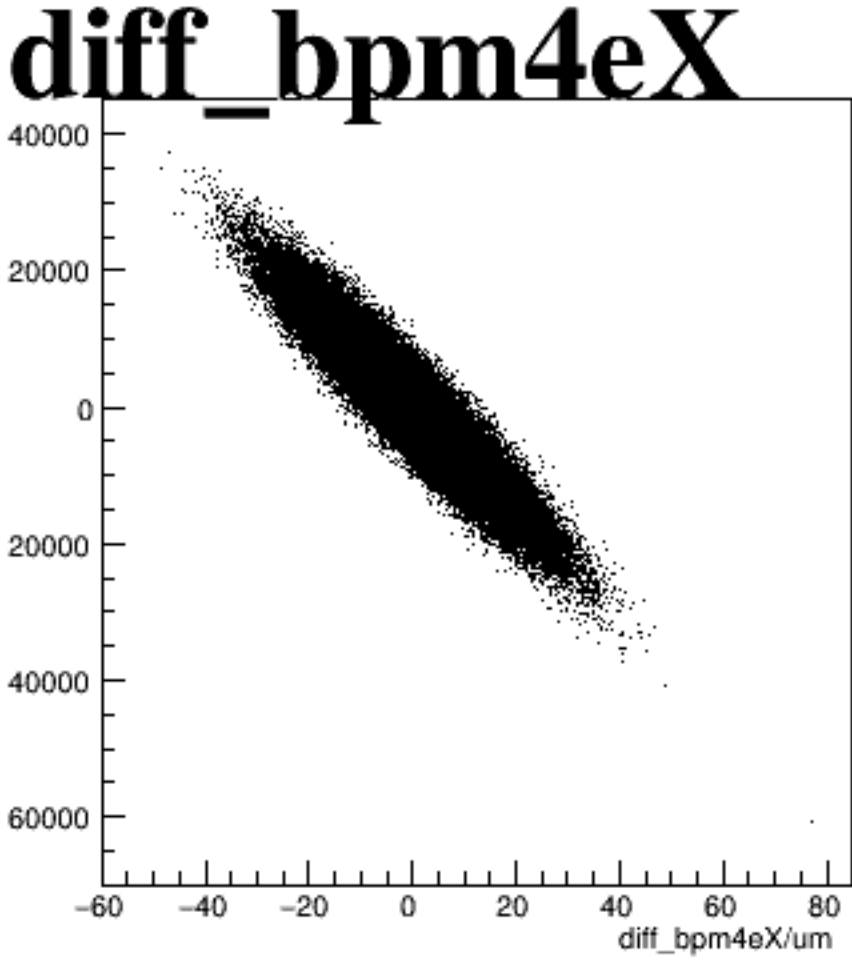
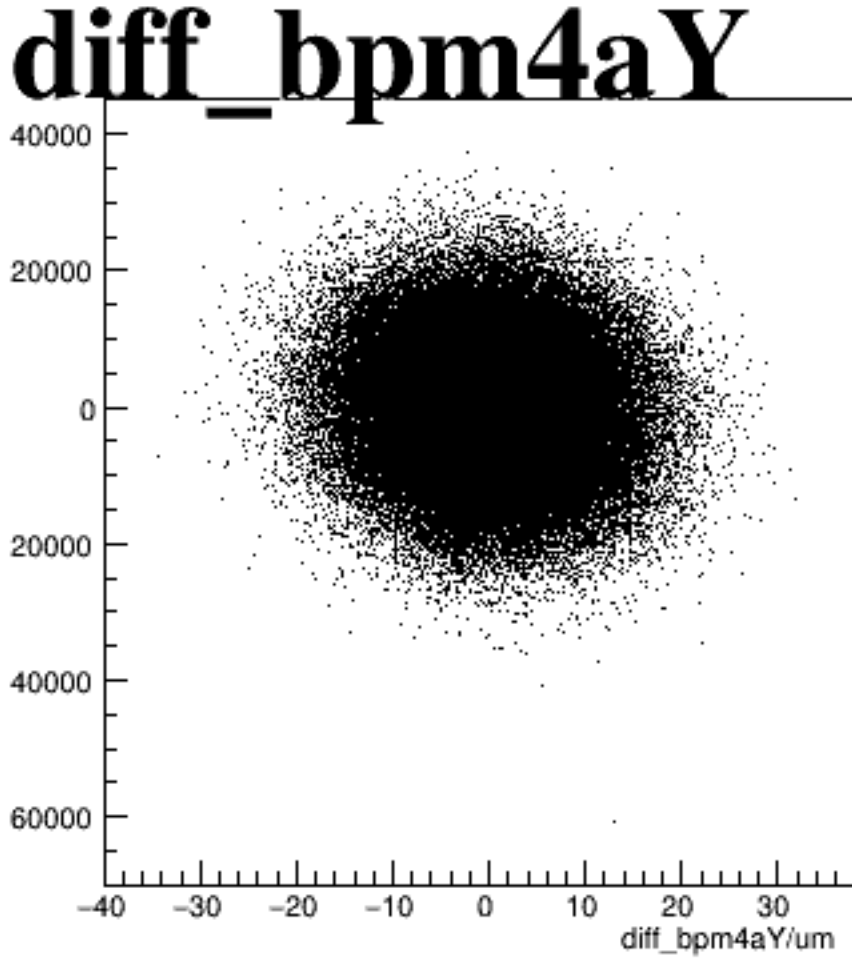
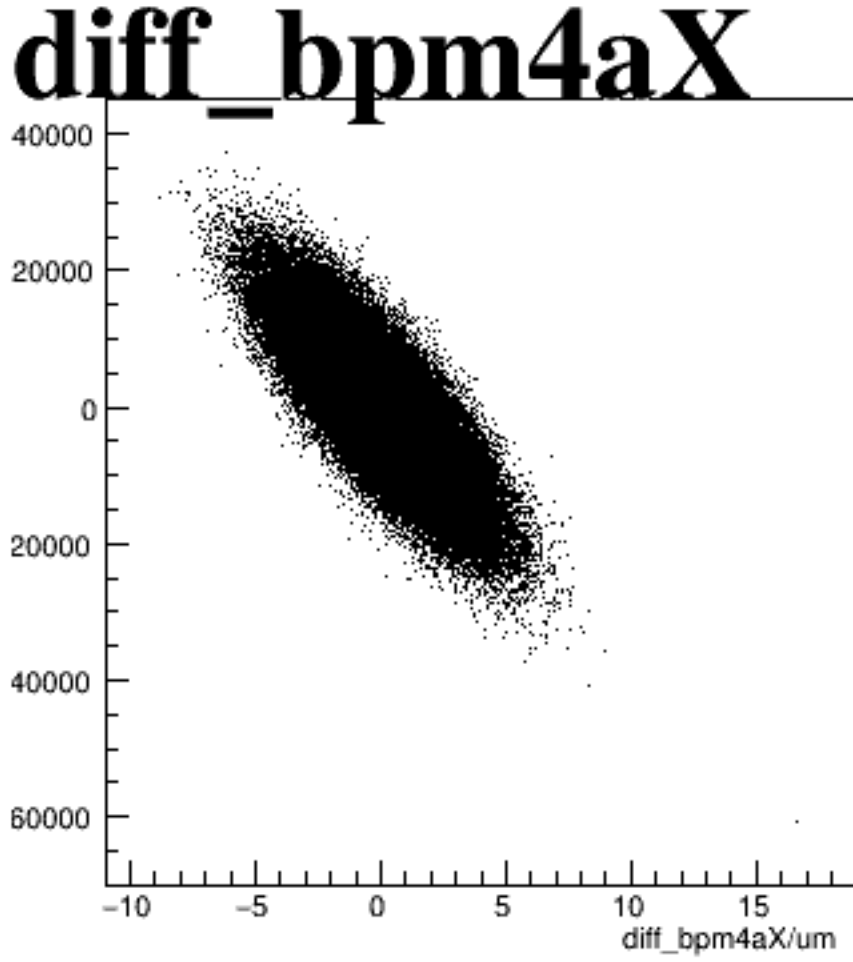
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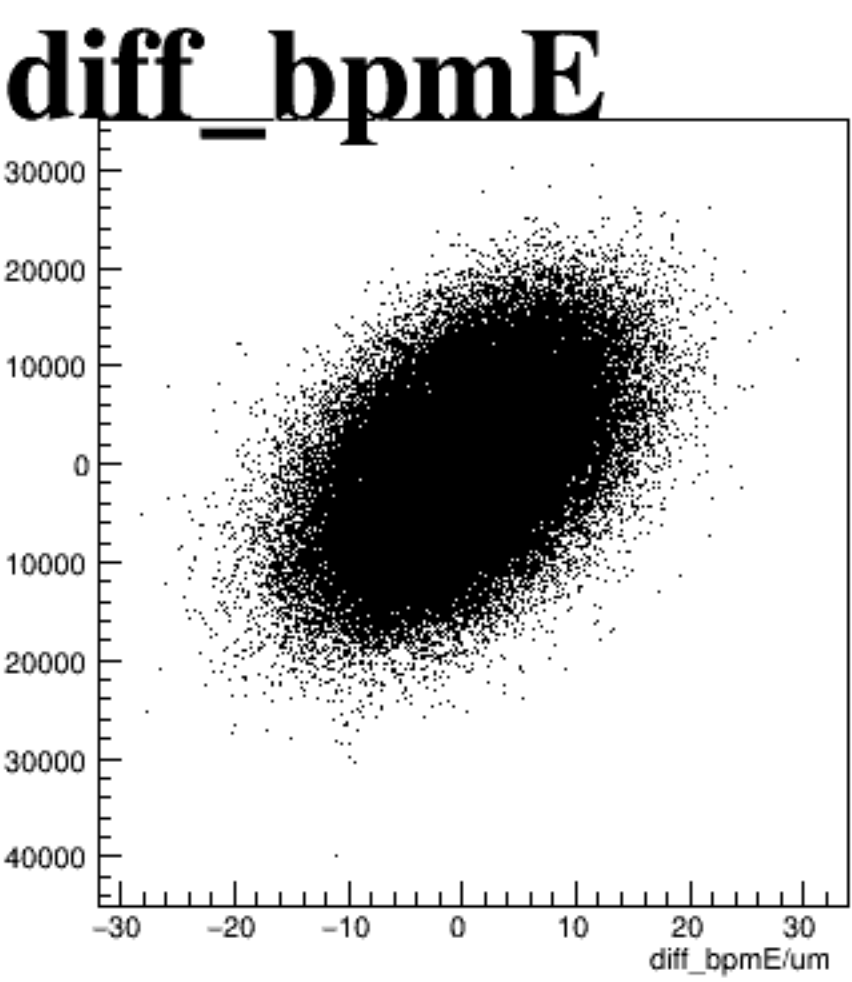
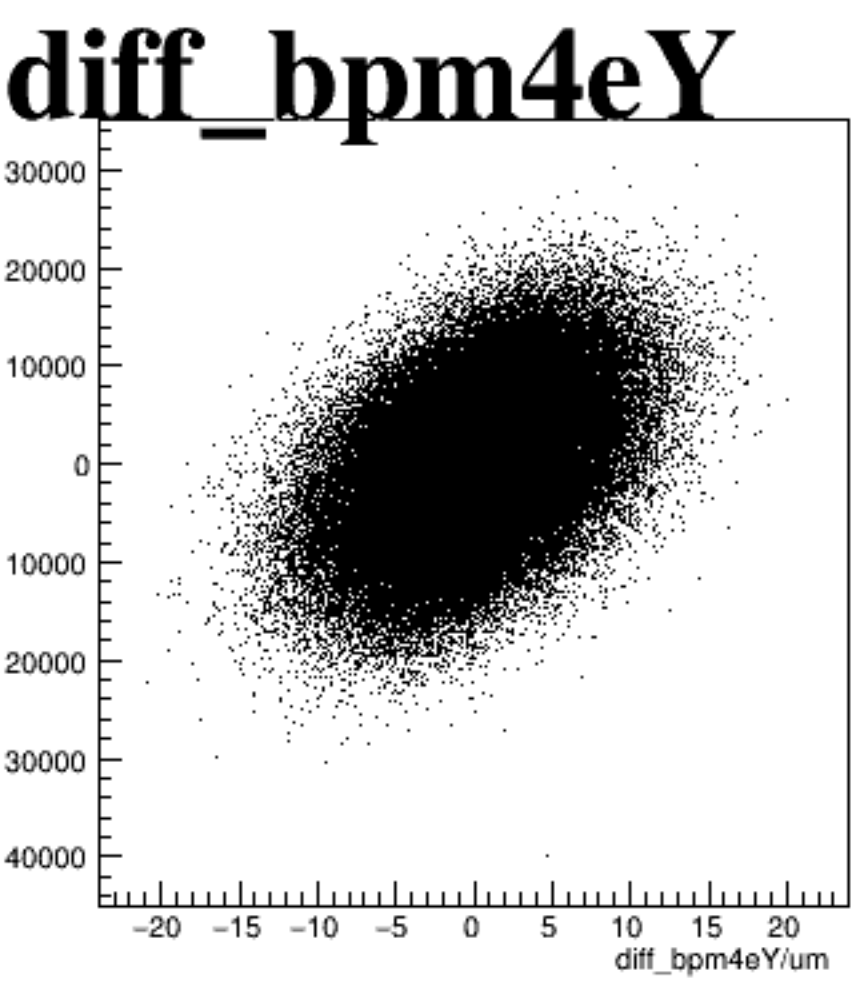
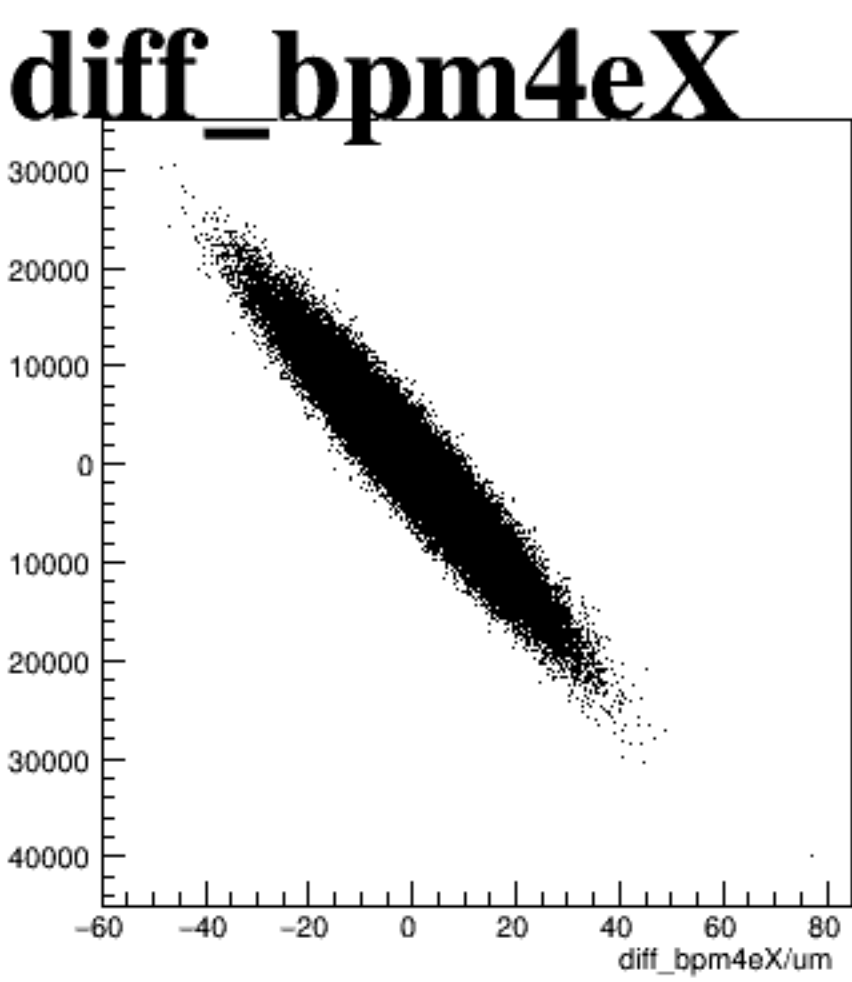
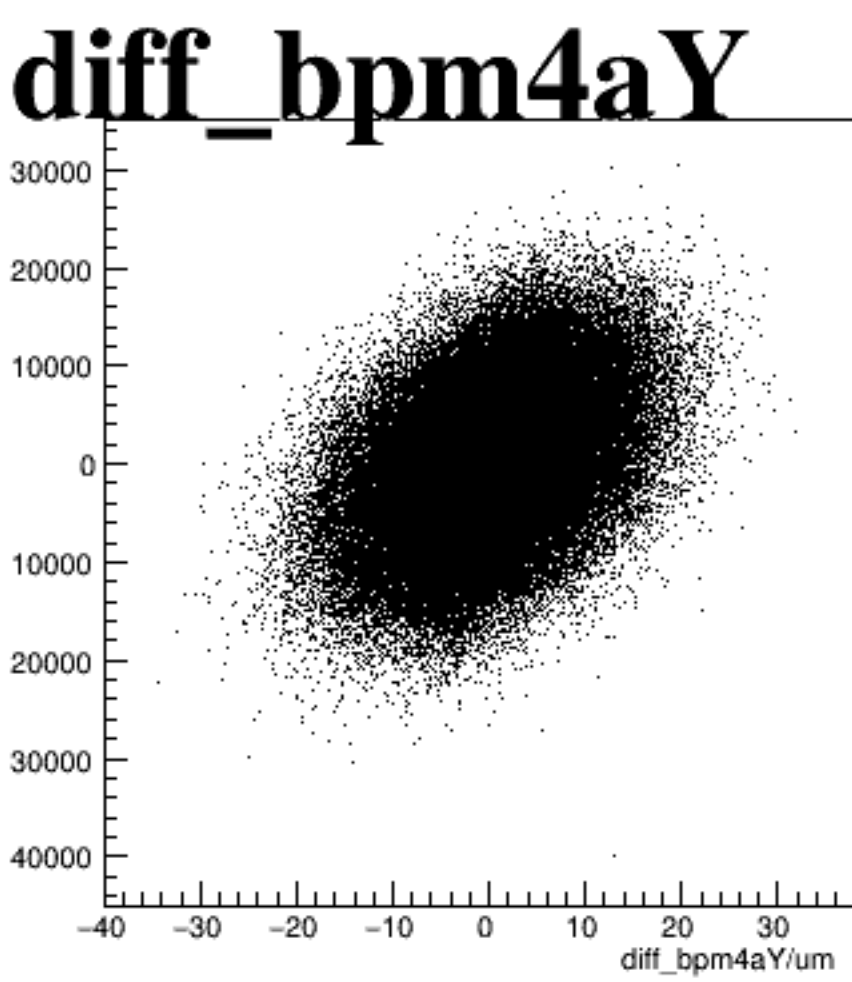
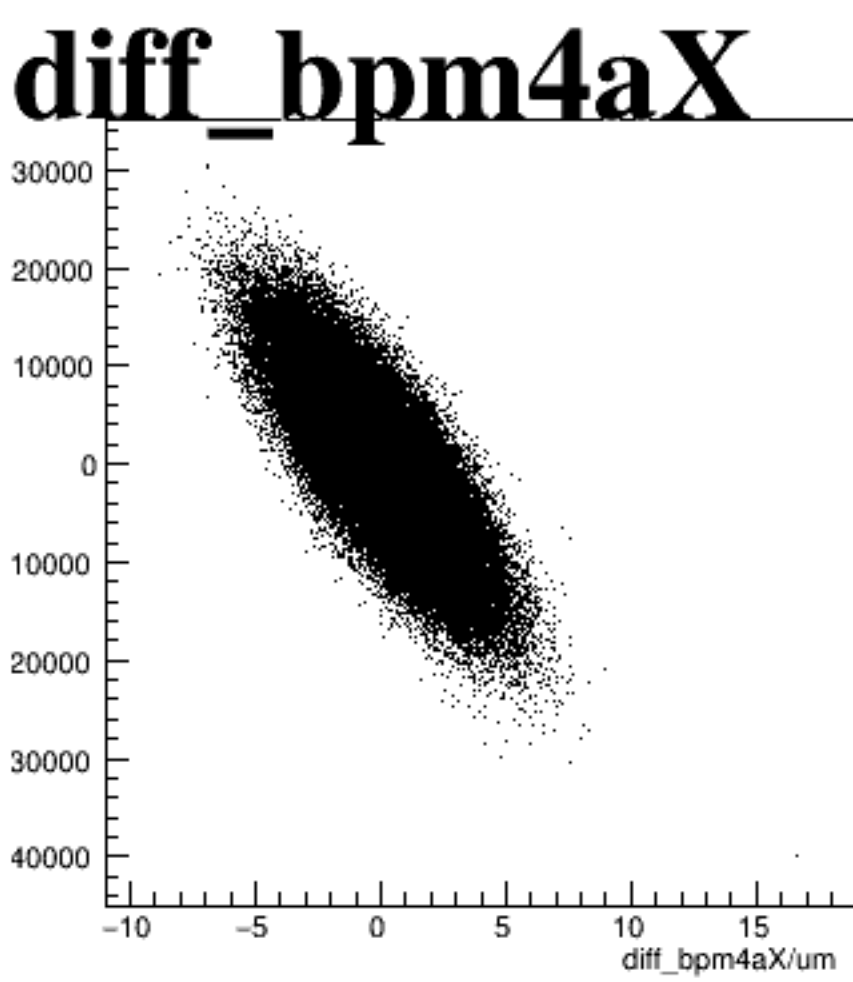
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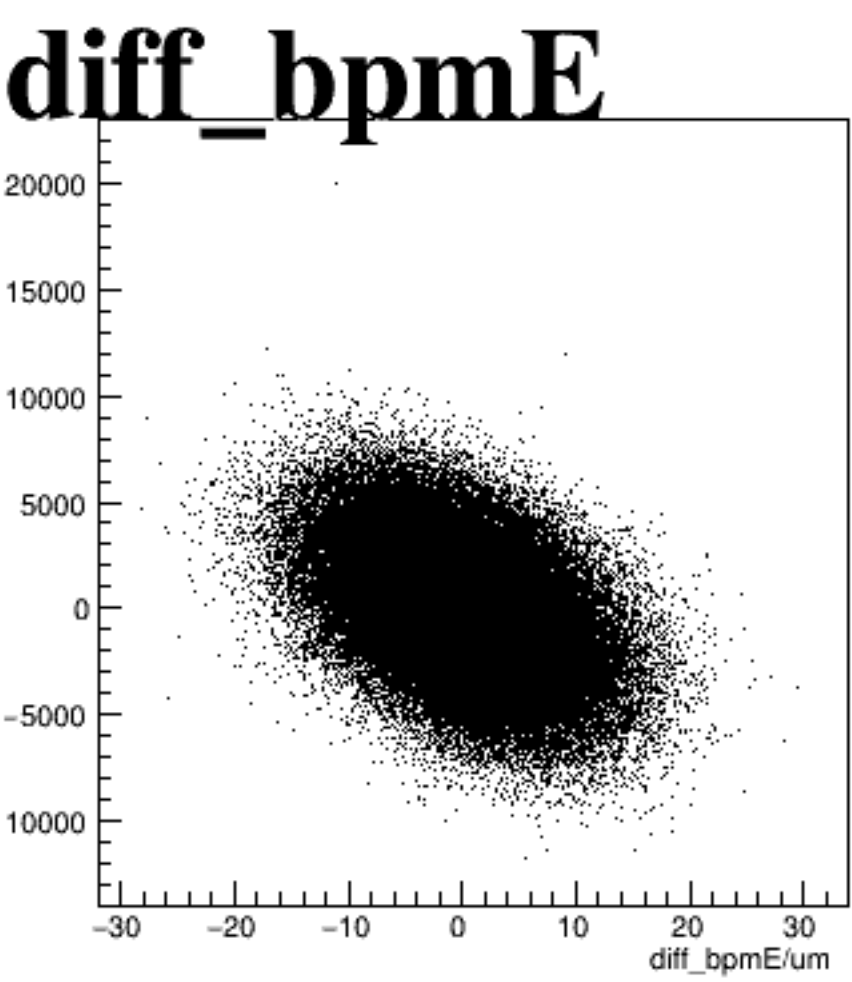
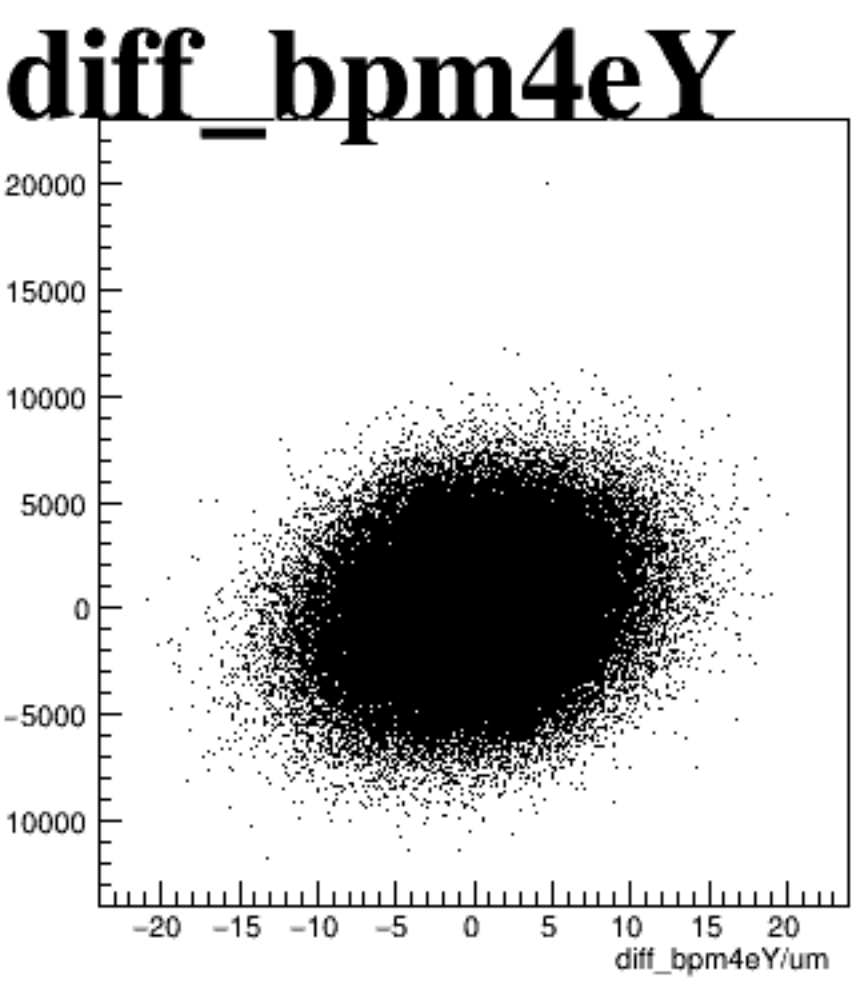
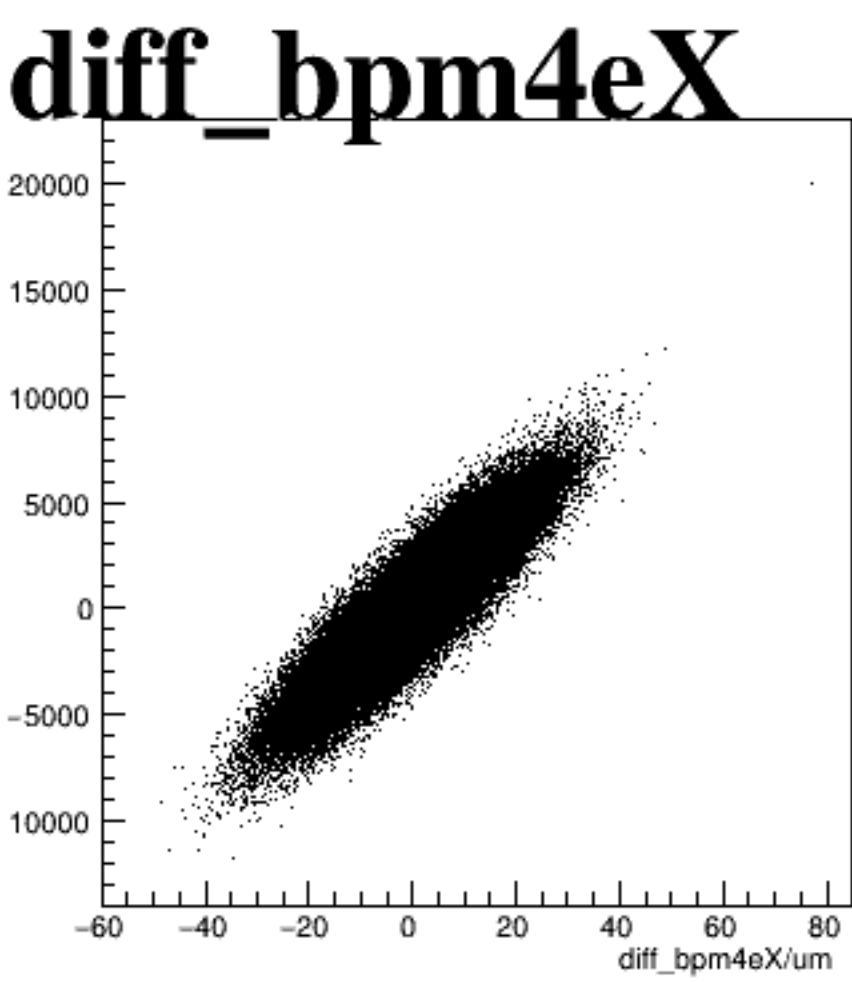
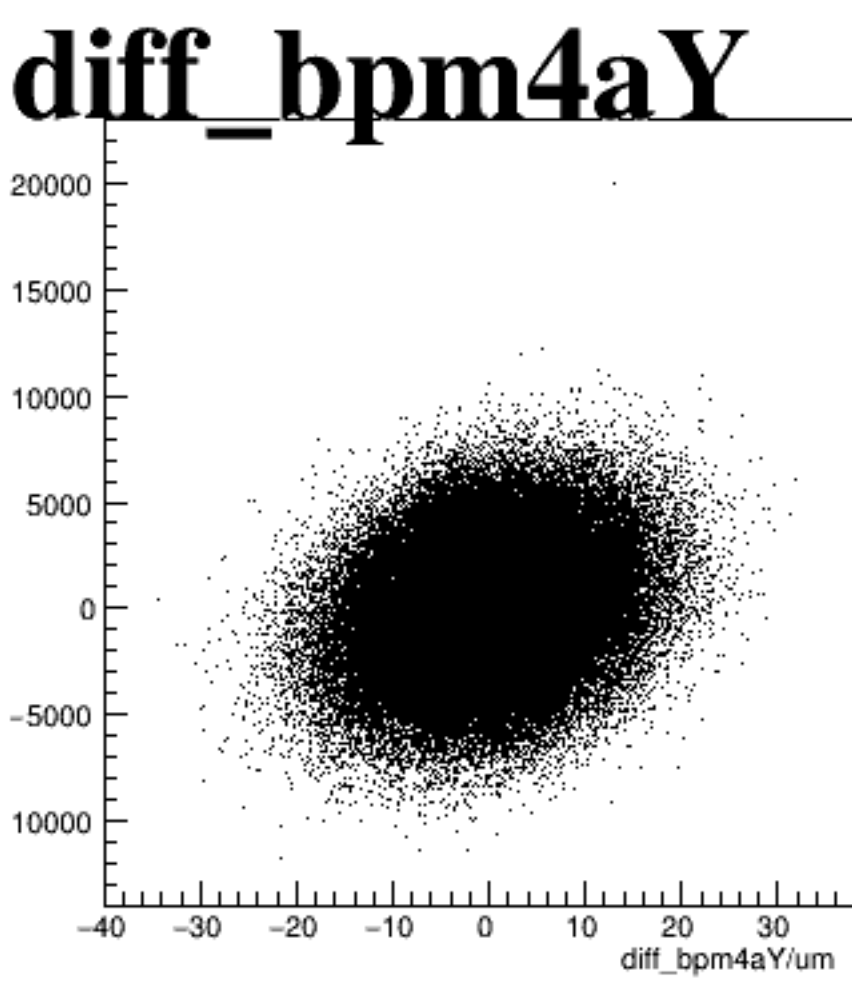
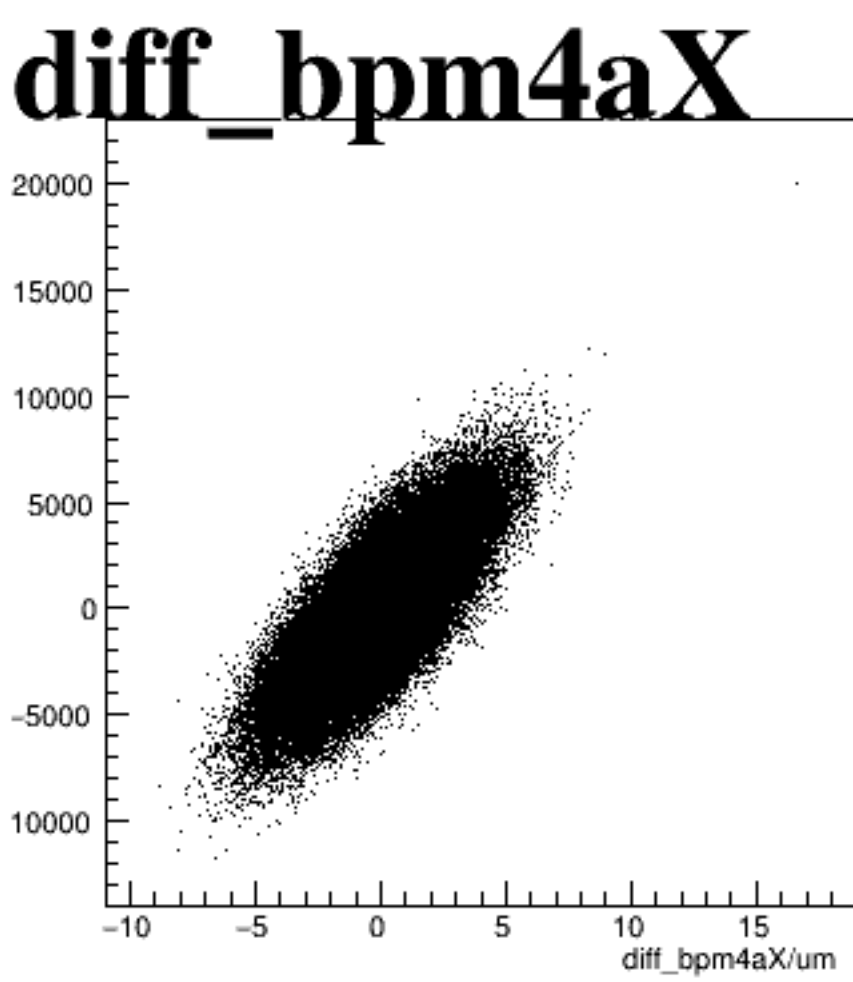
asym_sam2



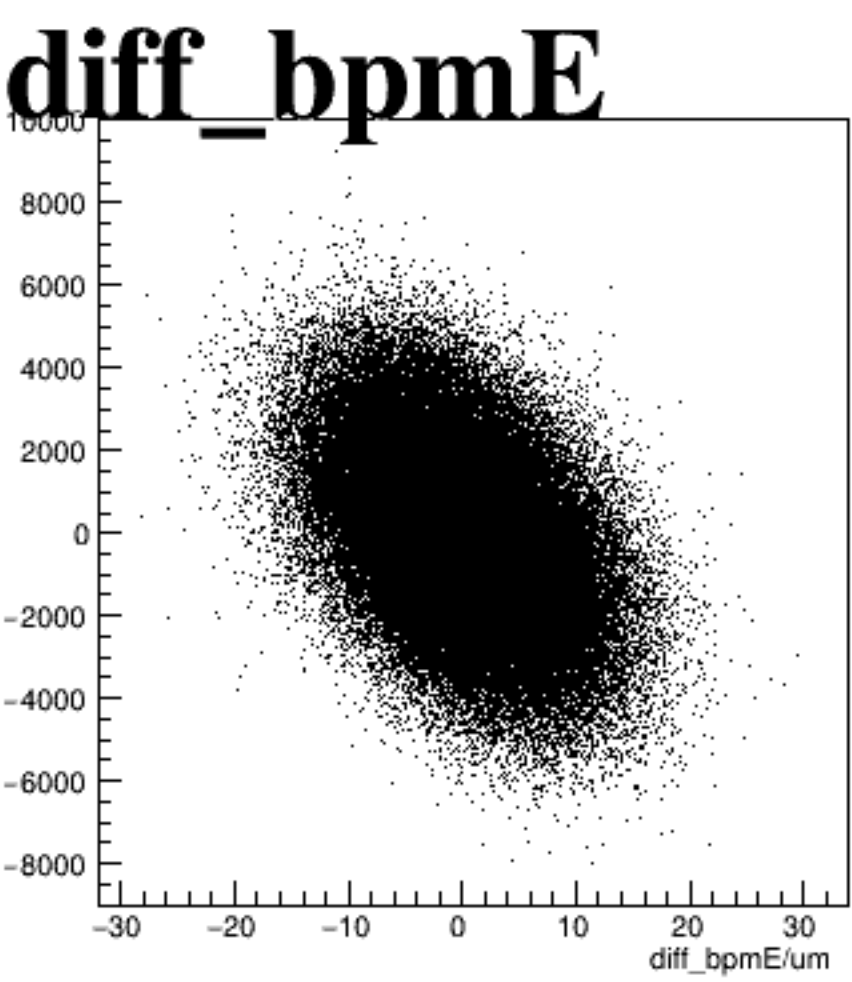
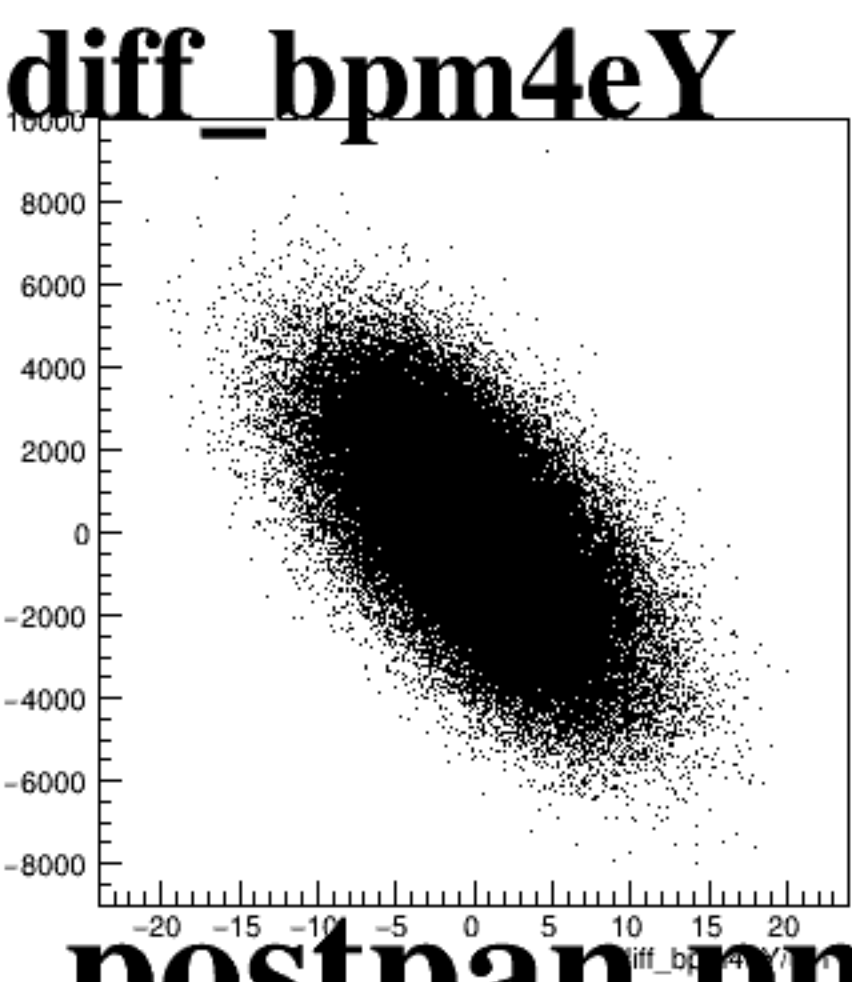
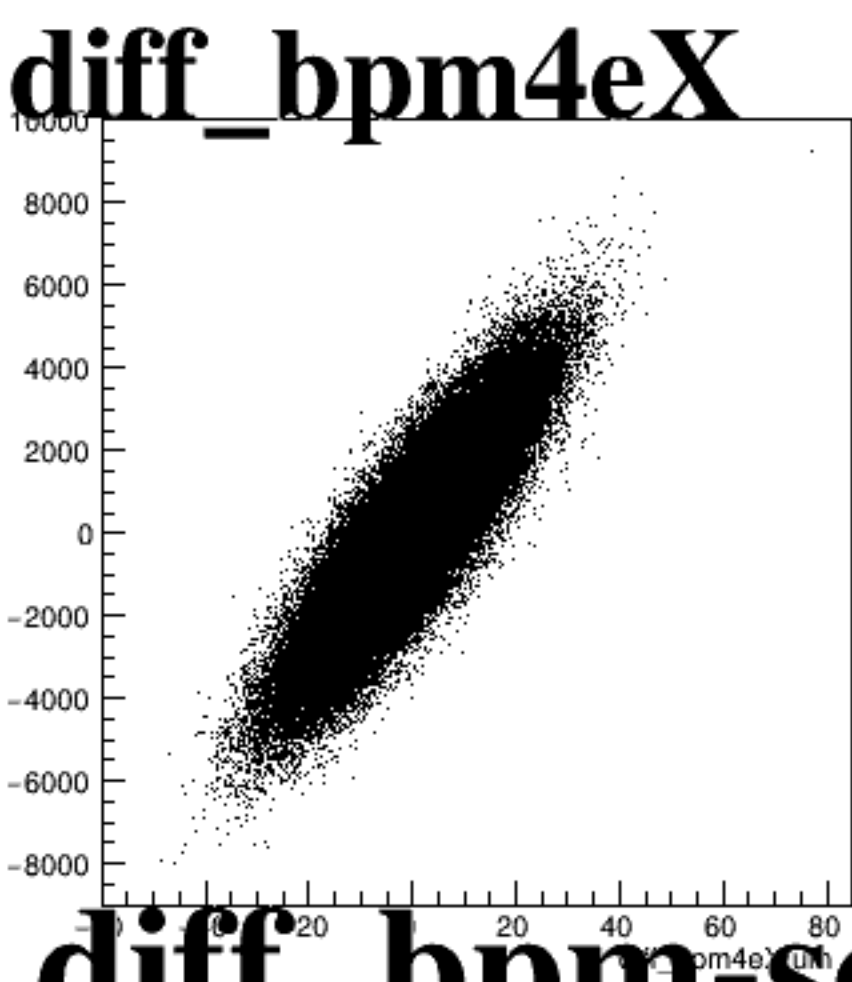
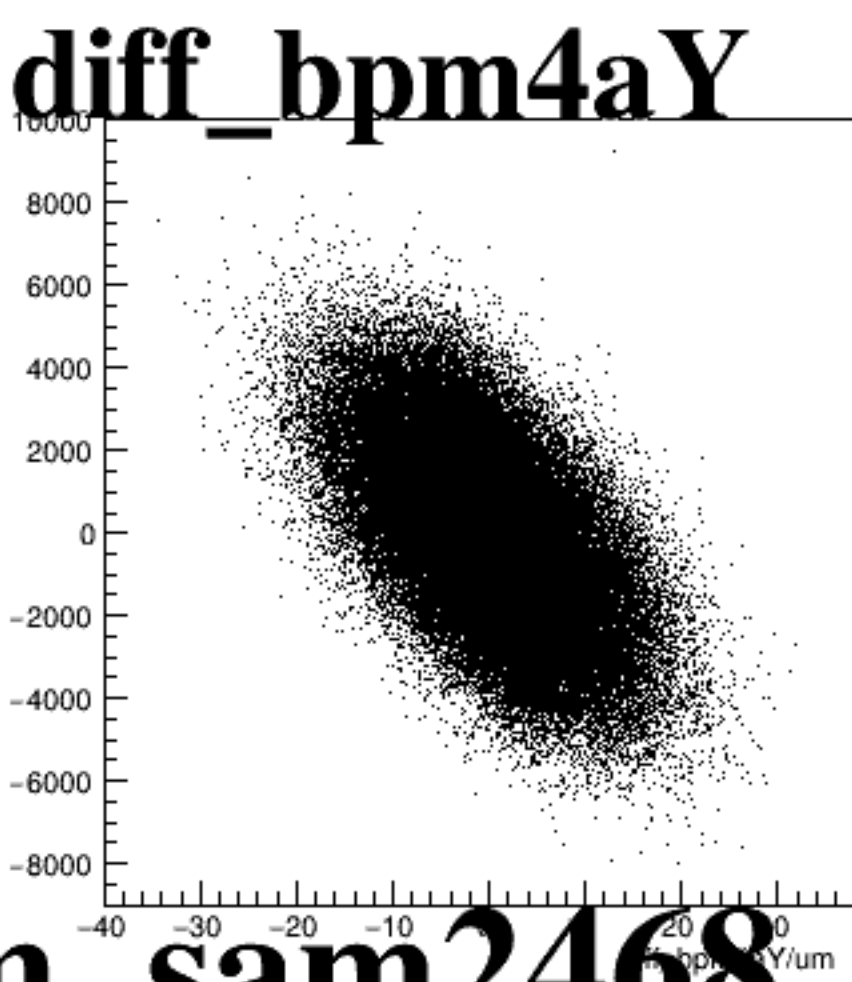
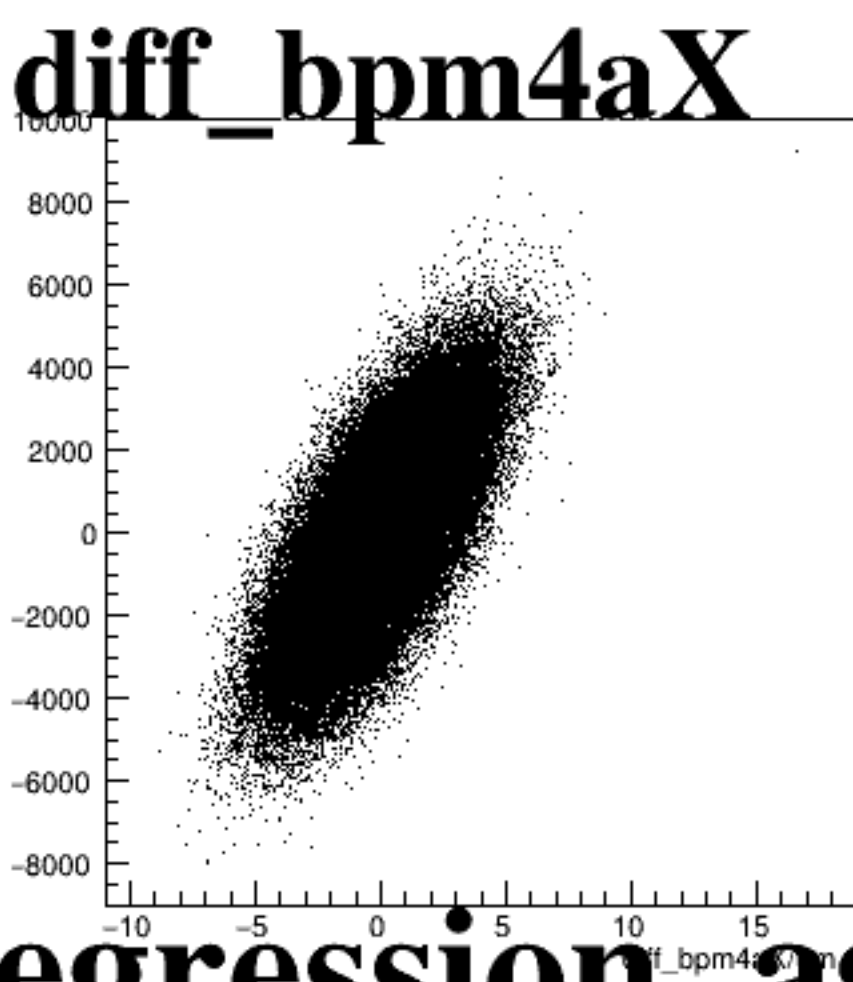
asym_sam4



asym_sam6



asym_sam8

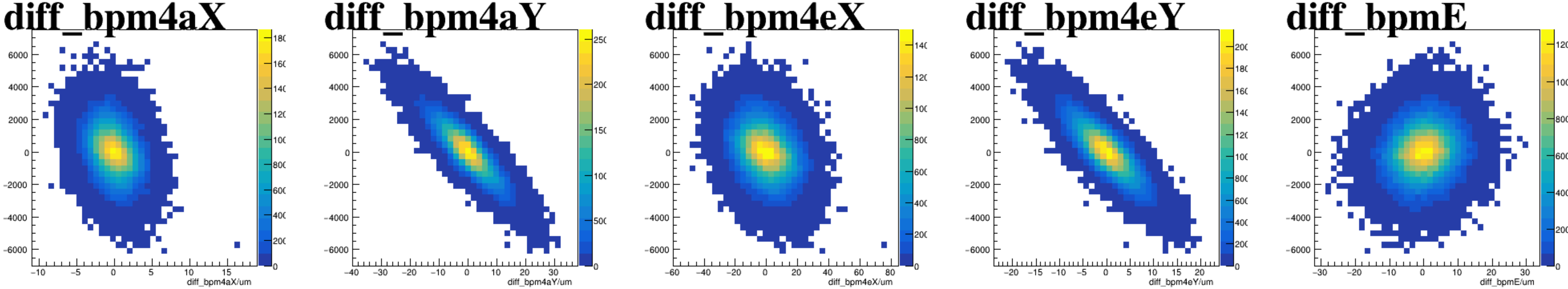


The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff_bpm) for a specific beam parameter. The y-axis for all plots ranges from -8000 to 8000. The x-axis for each plot represents the difference in BPM for a specific parameter, with labels like 'diff_bpm4aX/um' or 'diff_bpmE/um'.

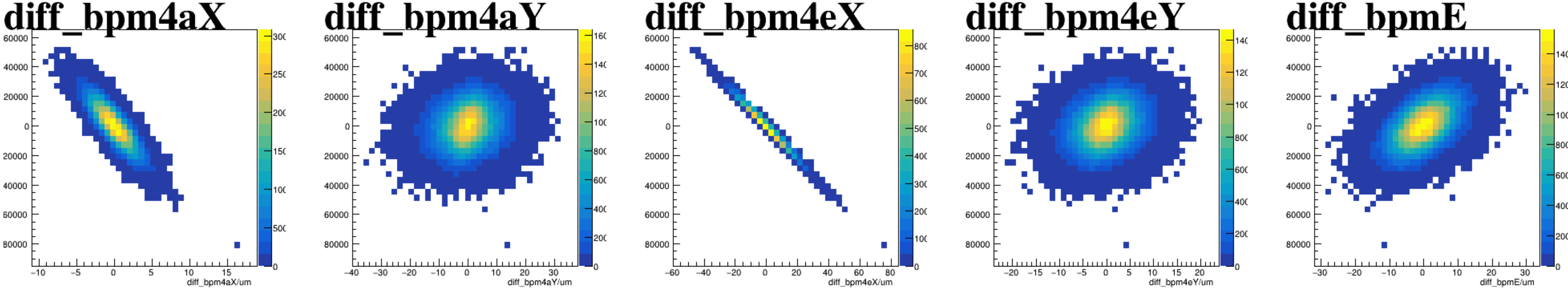
- diff_bpm4aX**: The x-axis ranges from -10 to 15. The distribution is centered around 0.
- diff_bpm4aY**: The x-axis ranges from -40 to 30. The distribution is centered around 0.
- diff_bpm4eX**: The x-axis ranges from -60 to 80. The distribution is centered around 0.
- diff_bpm4eY**: The x-axis ranges from -20 to 20. The distribution is centered around 0.
- diff_bpmE**: The x-axis ranges from -30 to 30. The distribution is centered around 0.

All plots show a dense, roughly circular cloud of points centered at the origin, indicating that the difference in BPM is small and randomly distributed around zero.

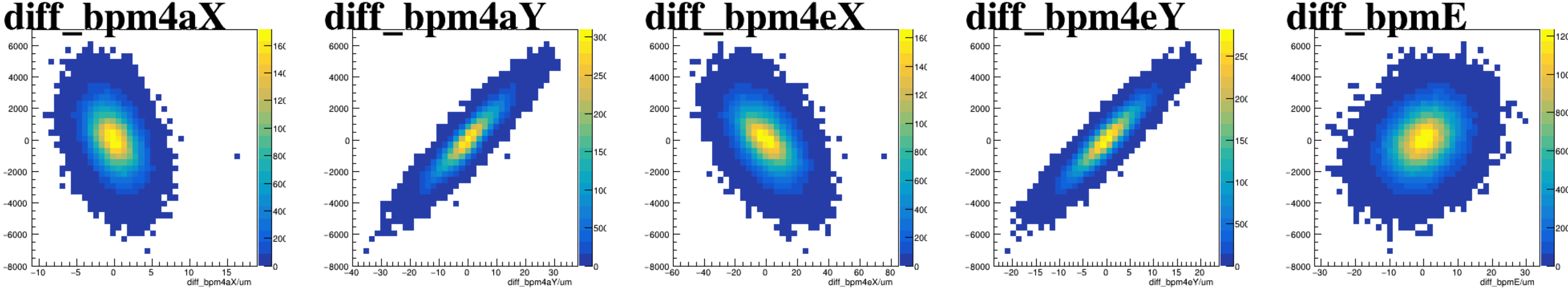
asym_sam1



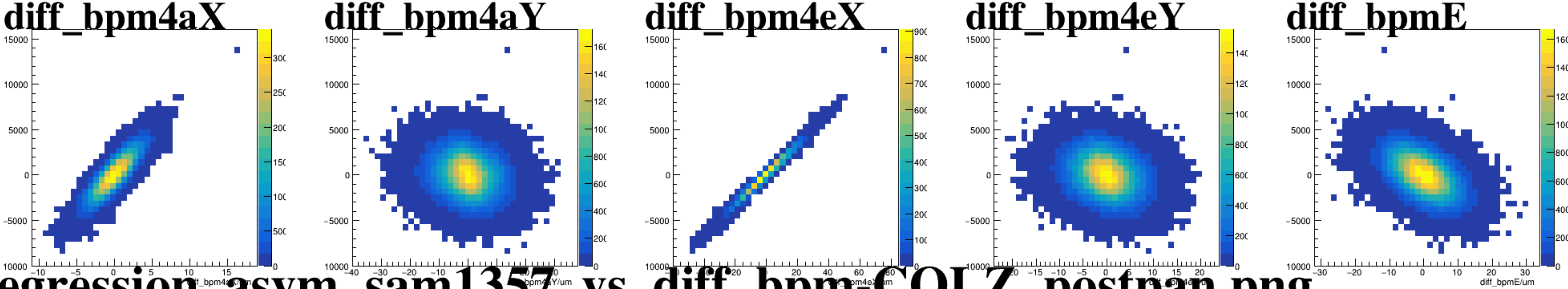
asym_sam3



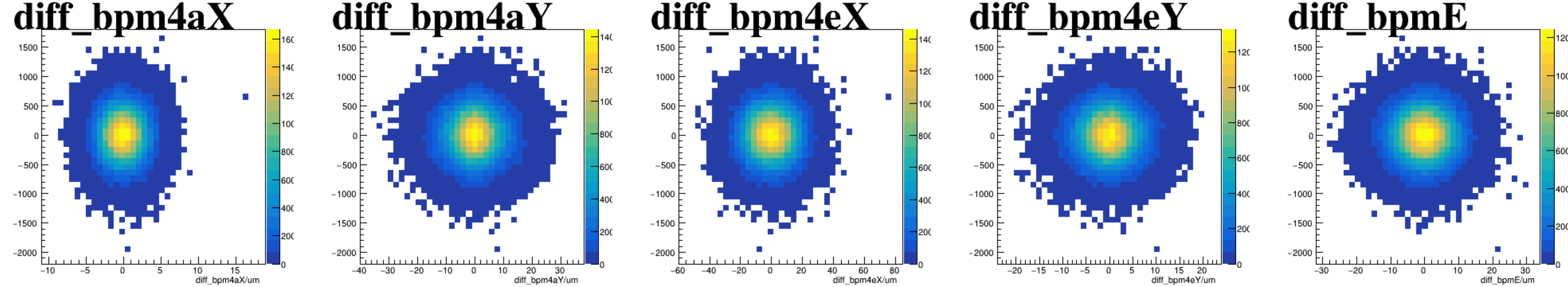
asym_sam5



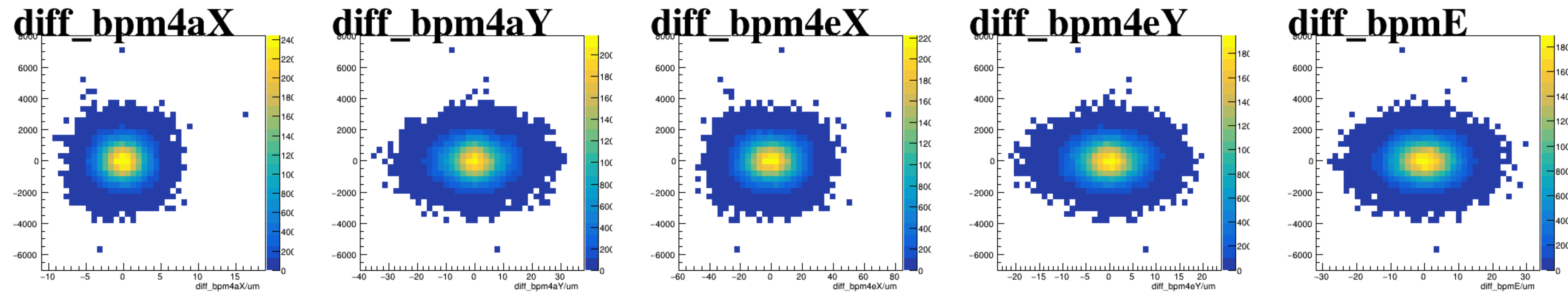
asym_sam7



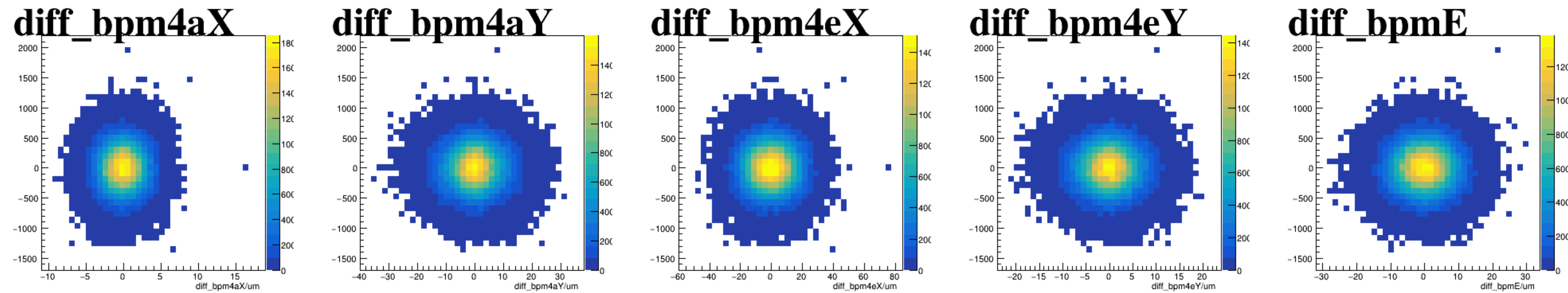
reg_asym_sam1



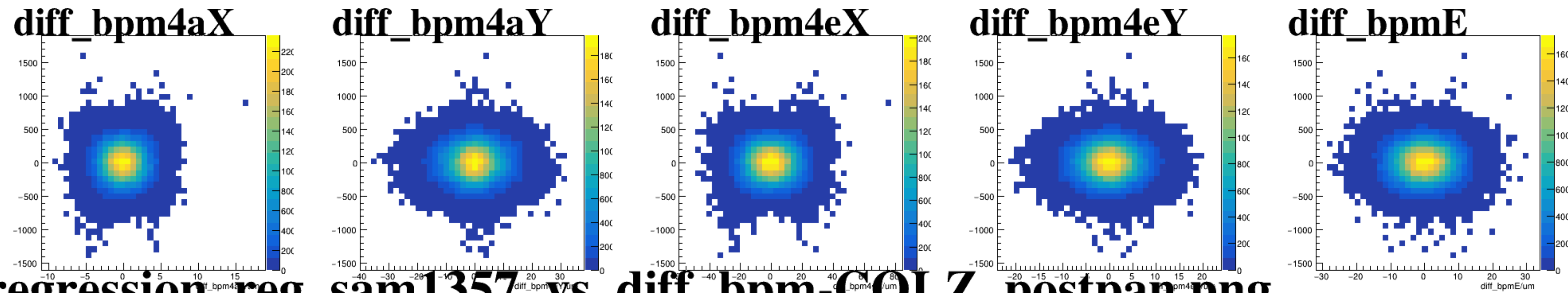
reg_asym_sam3



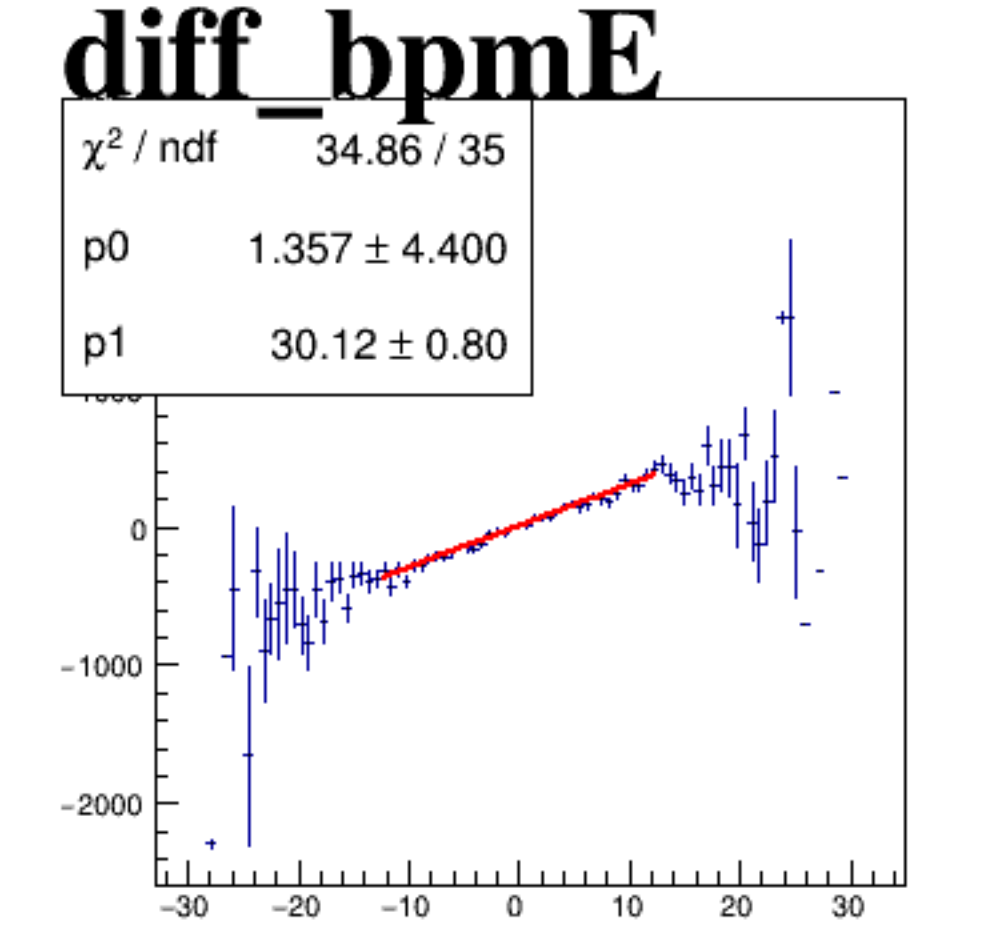
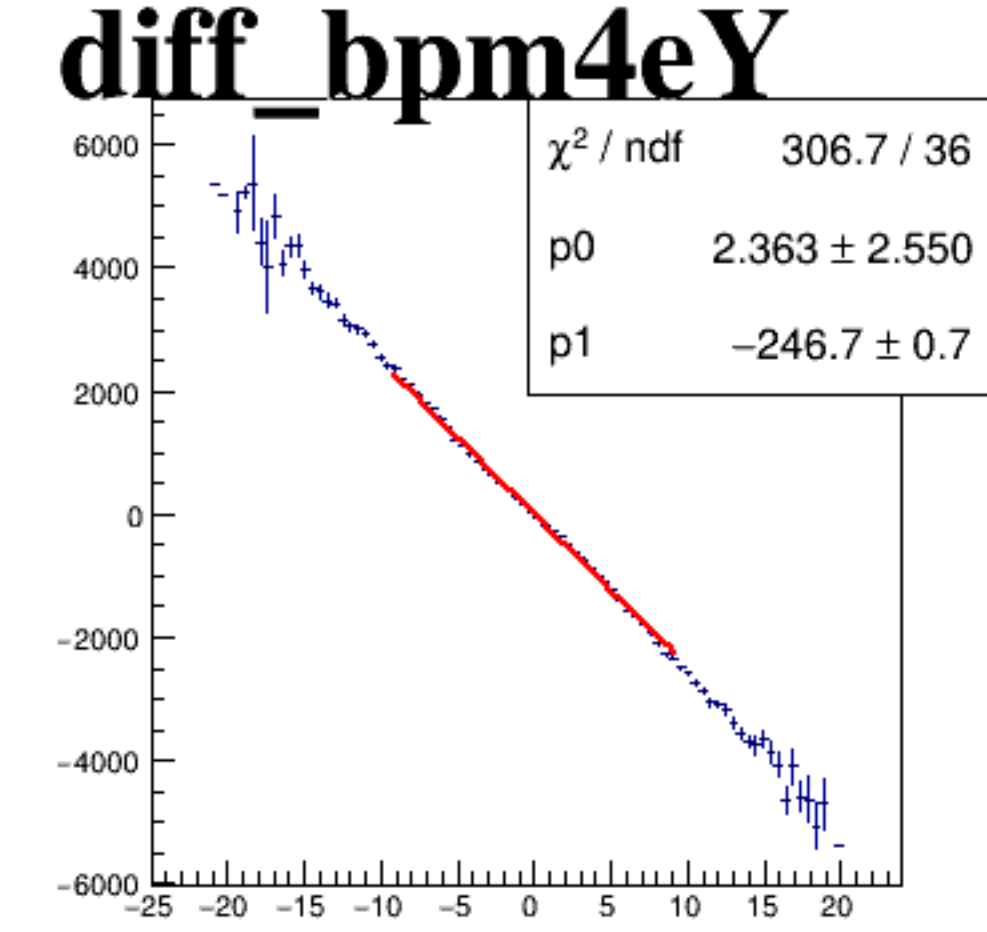
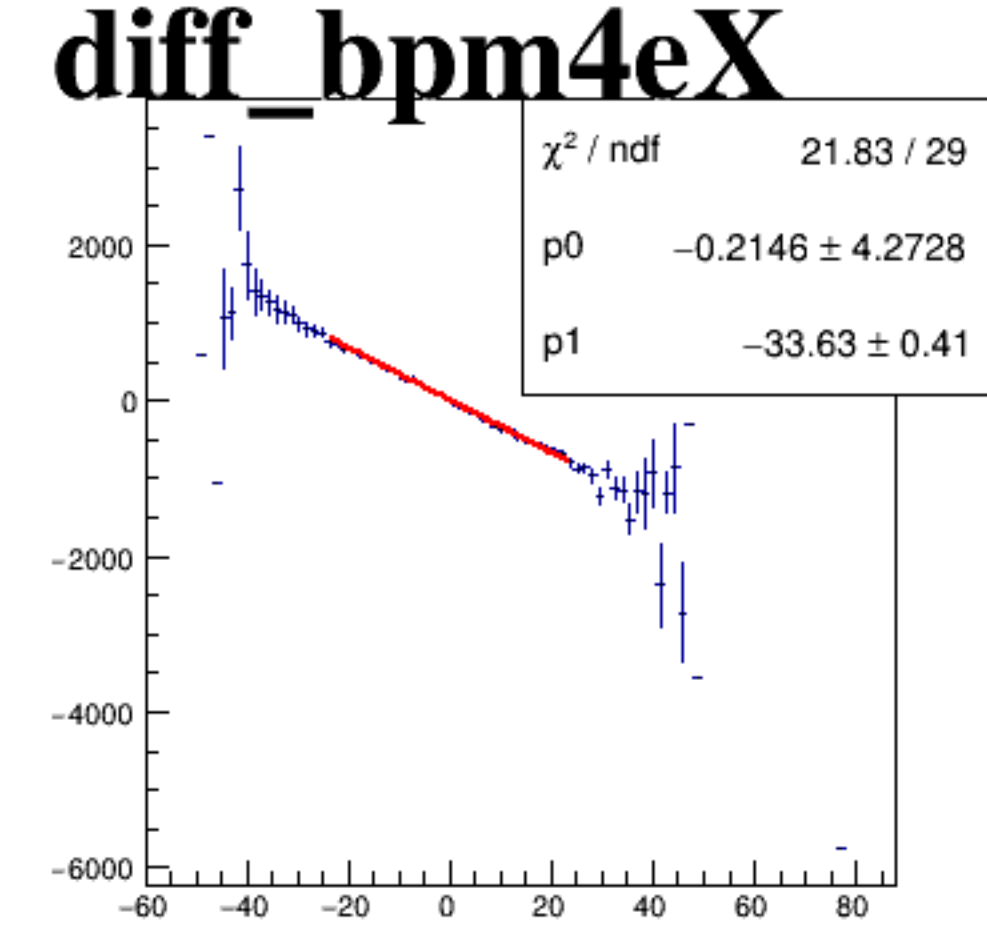
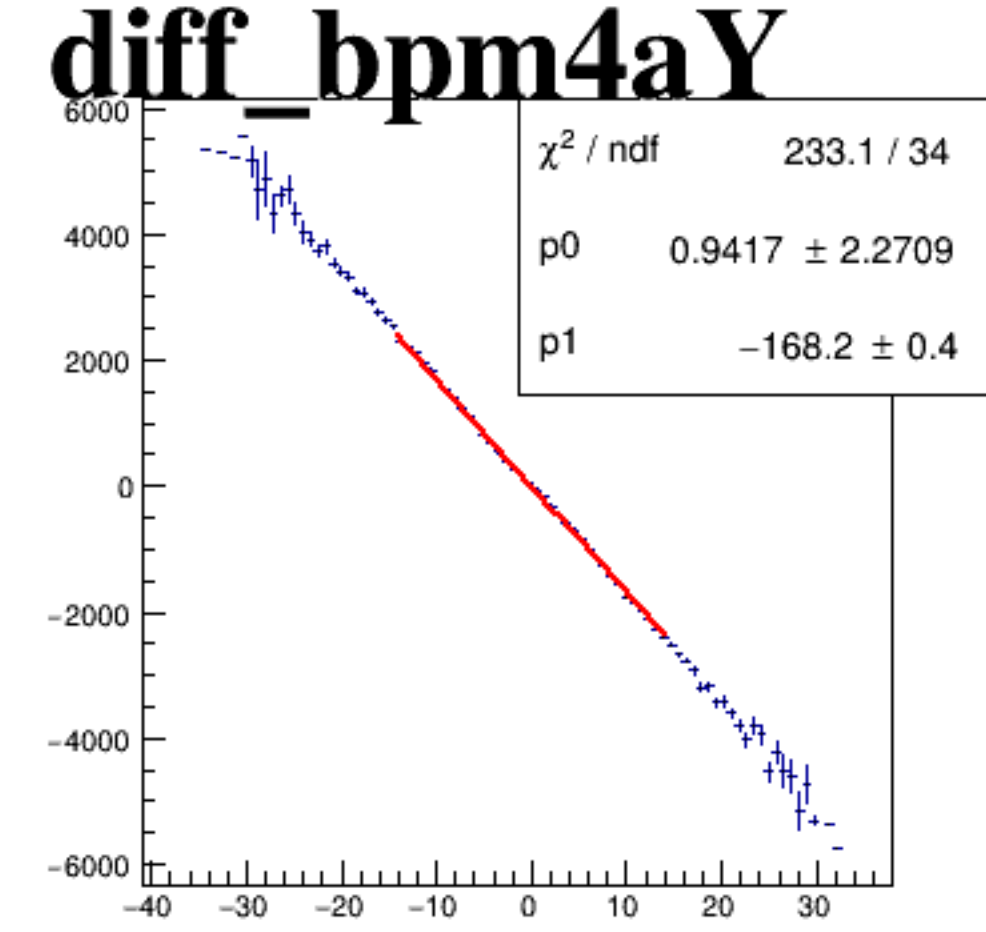
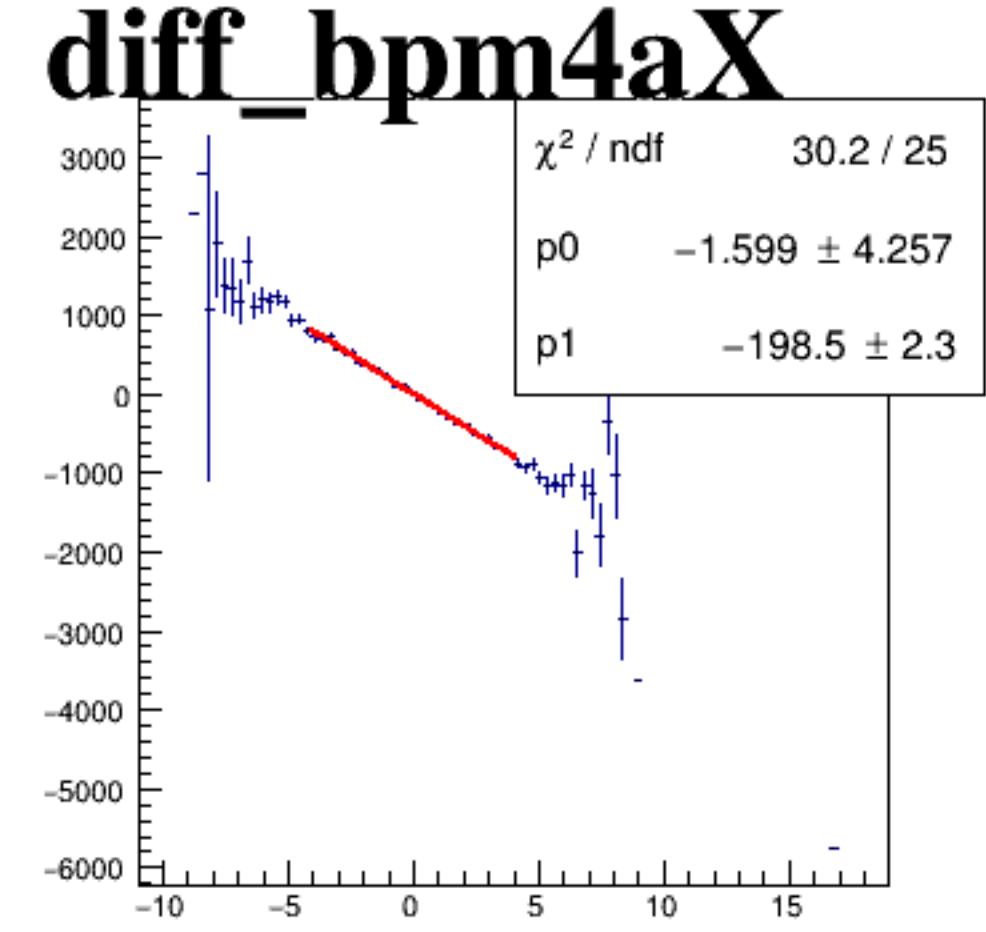
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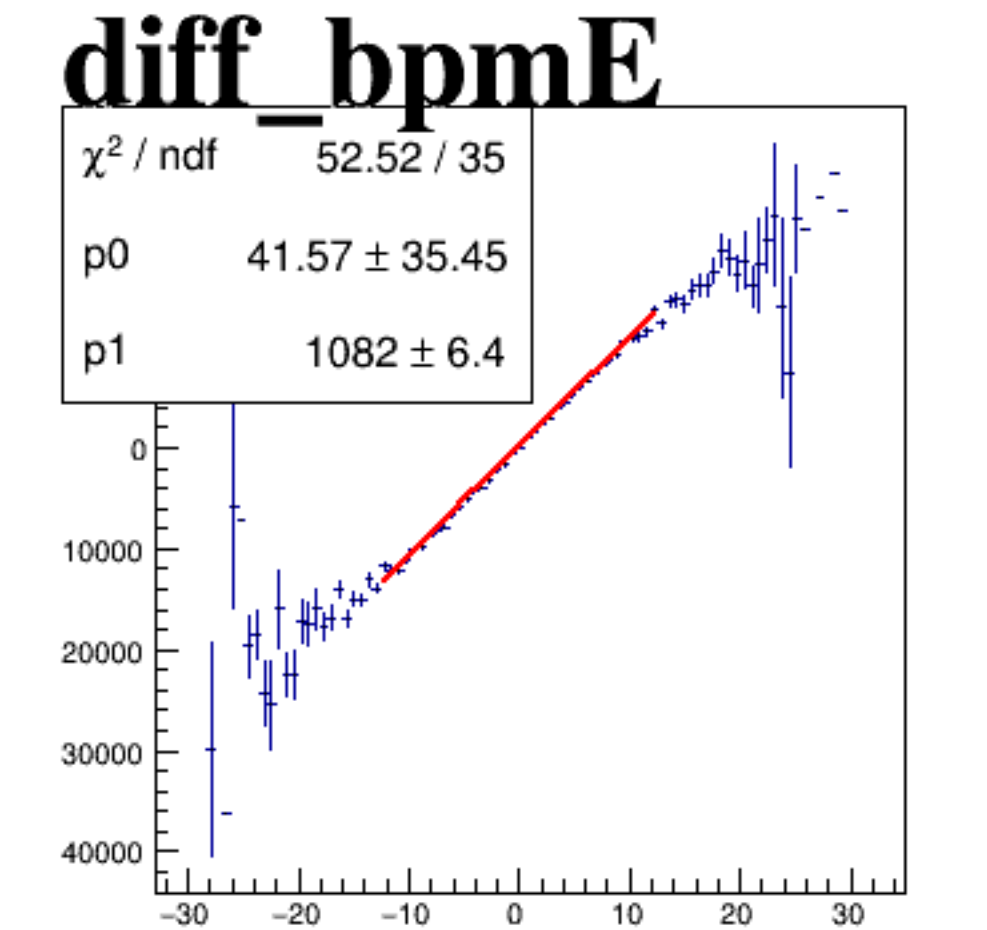
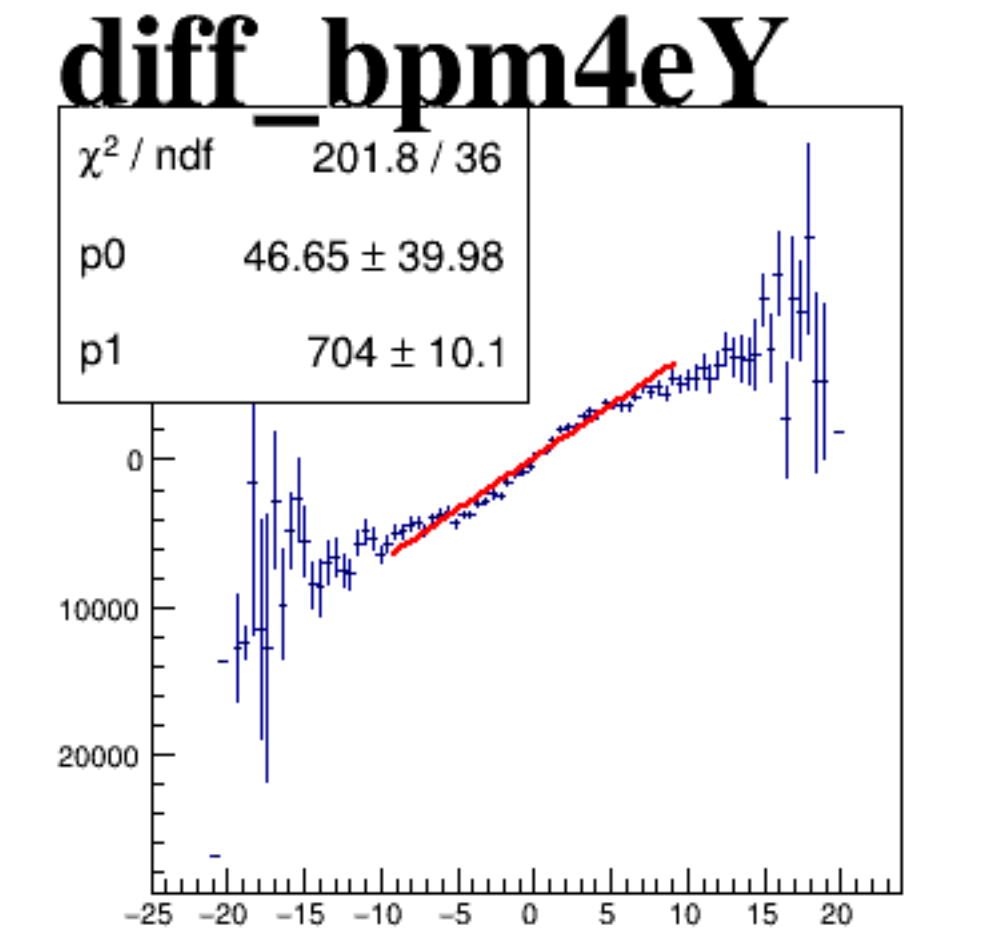
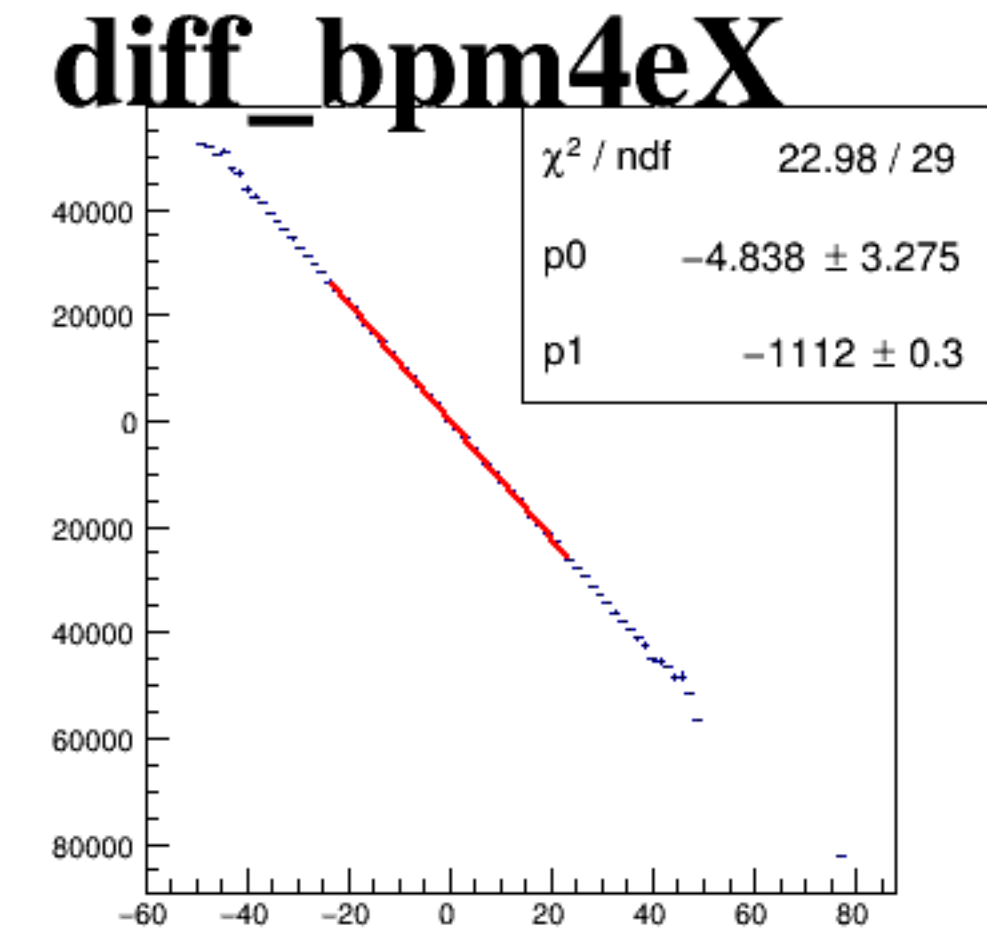
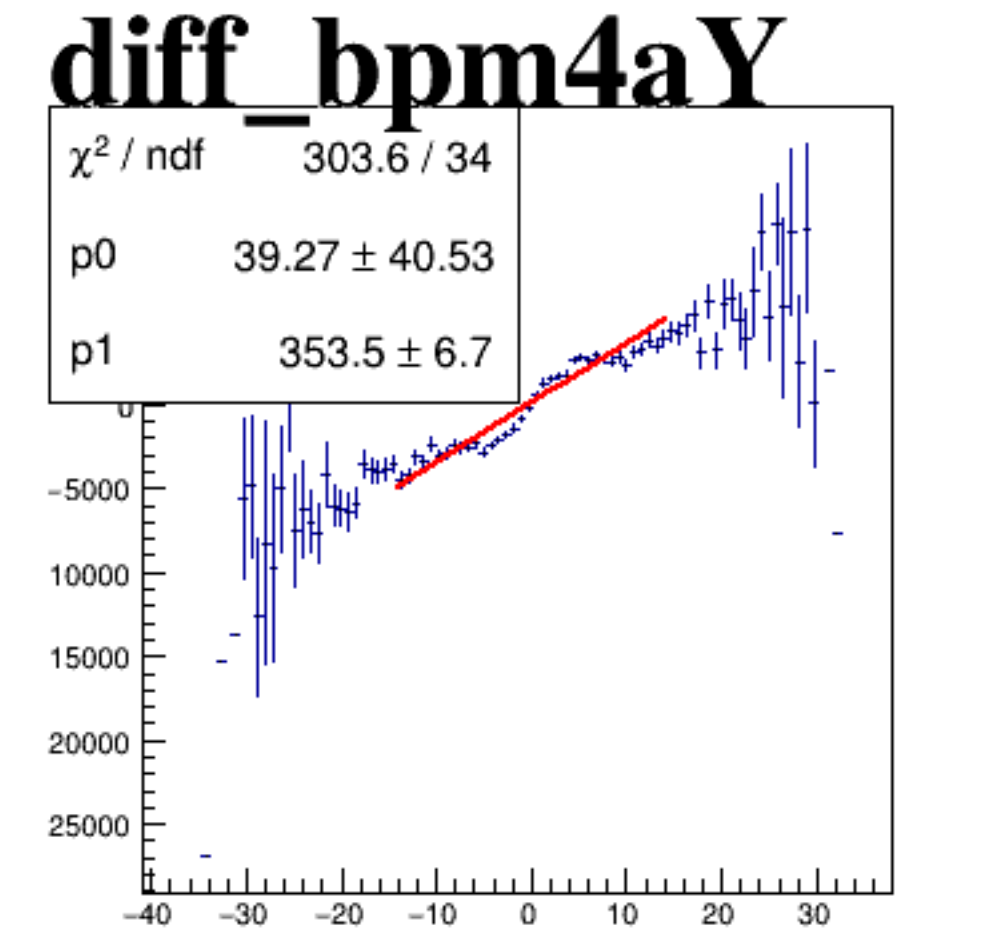
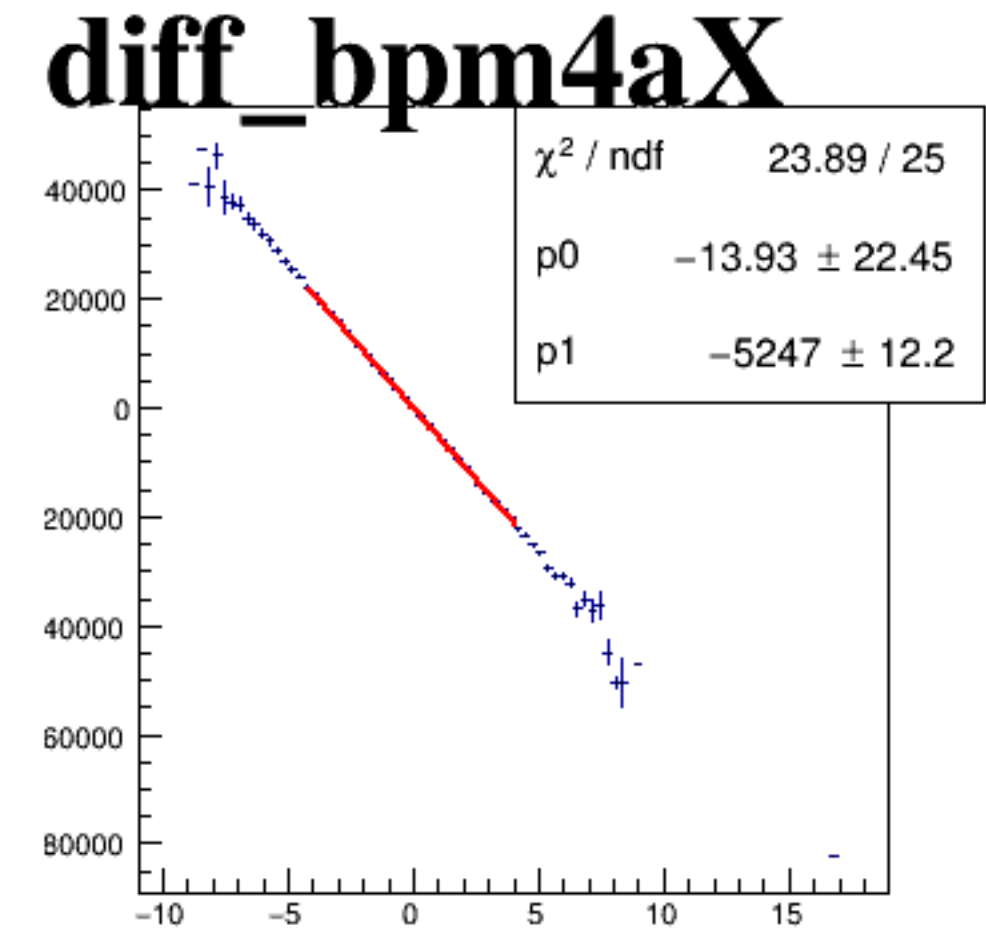
reg_asym_sam7



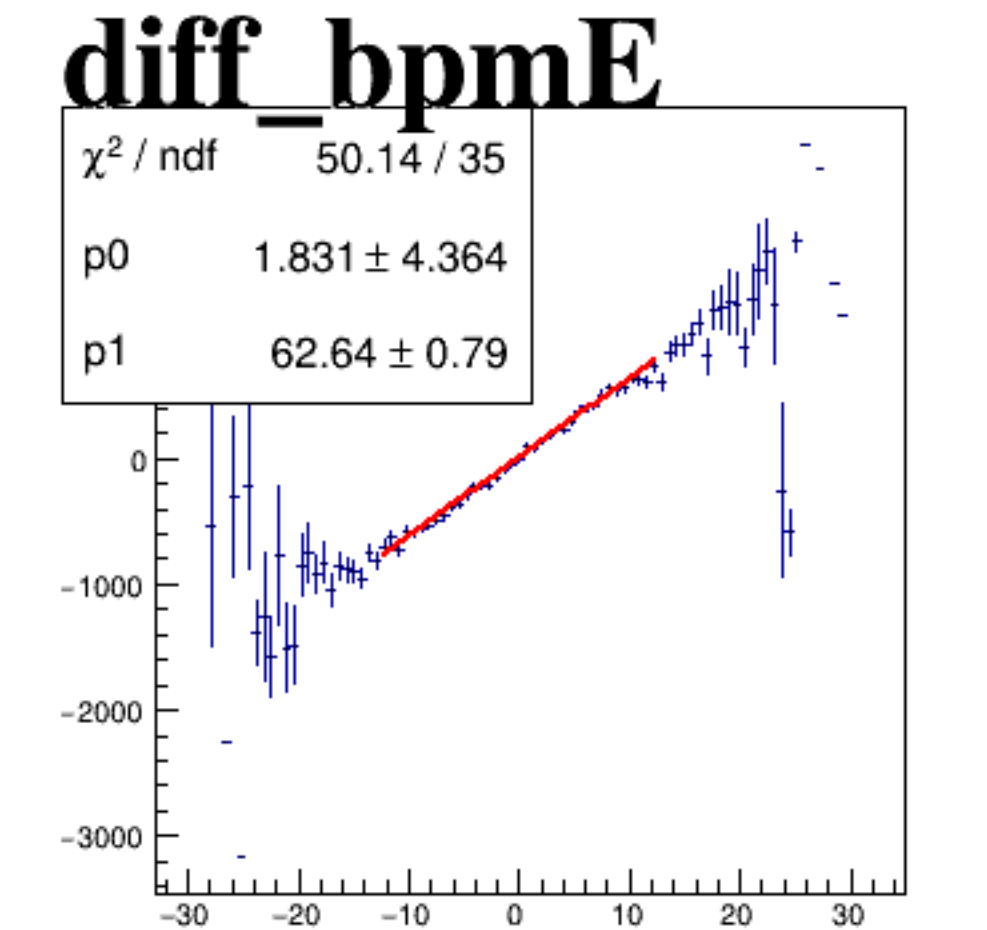
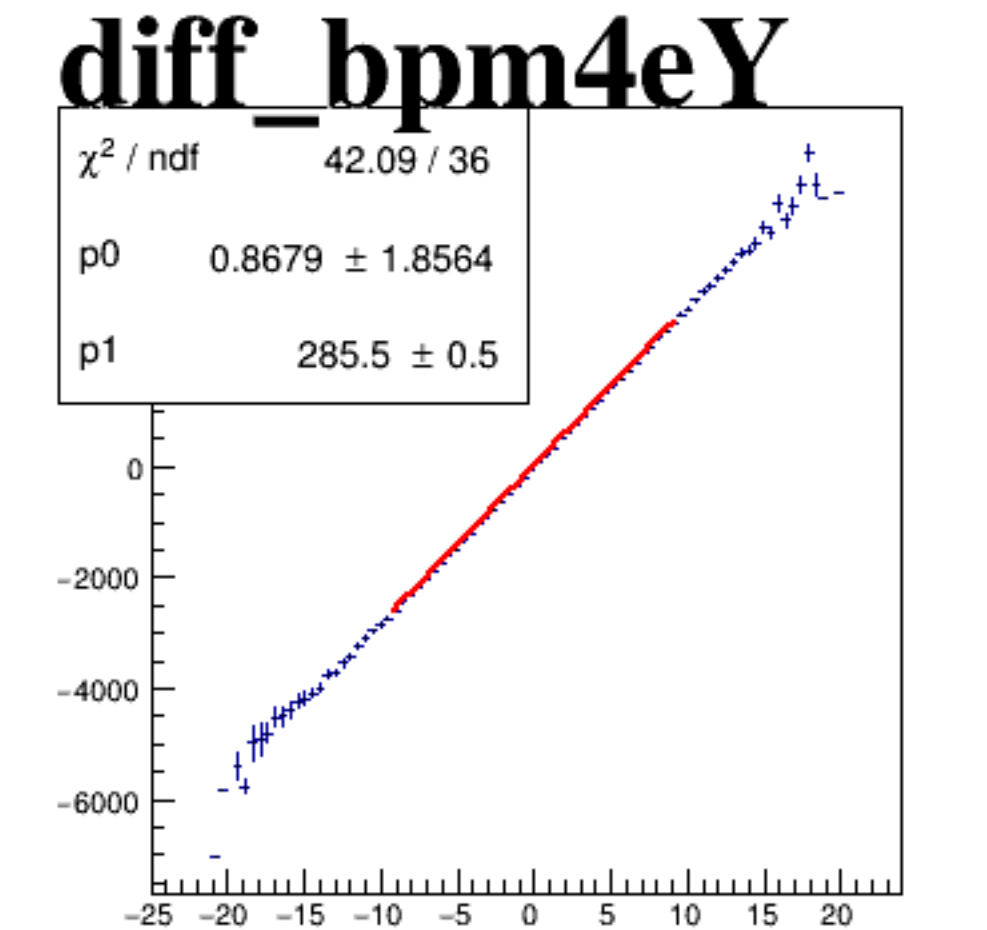
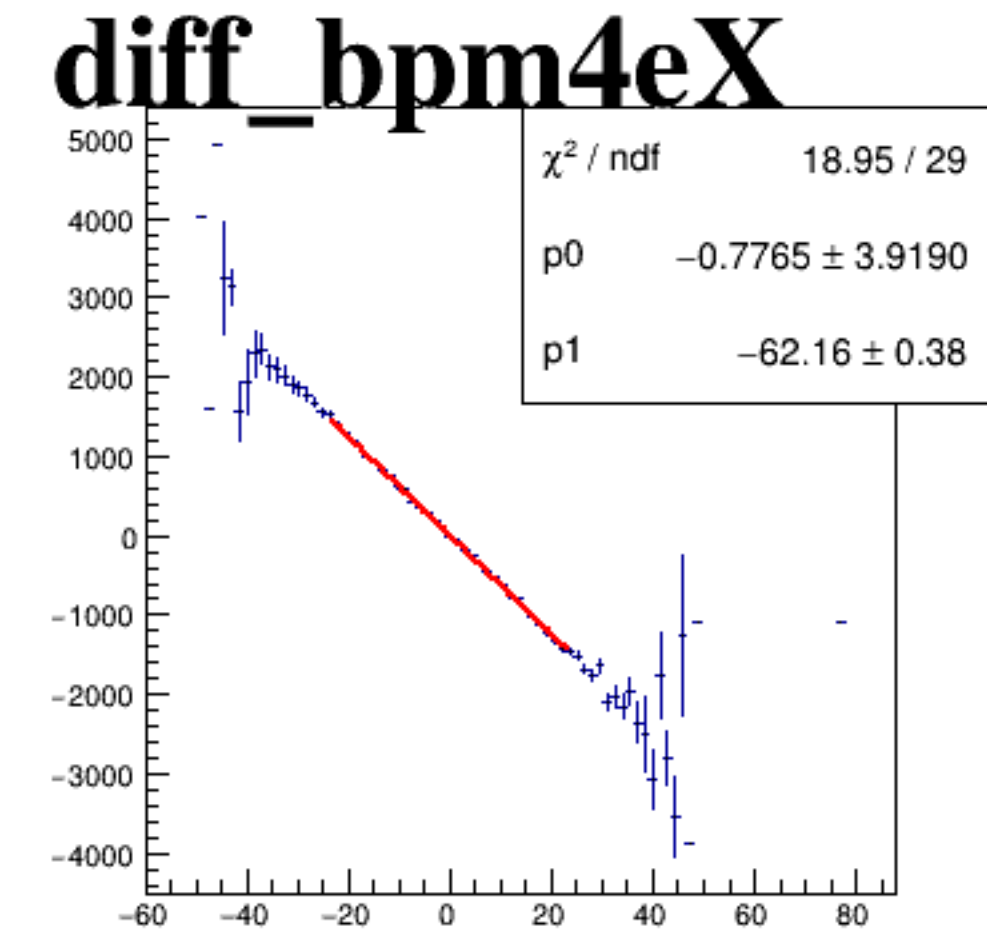
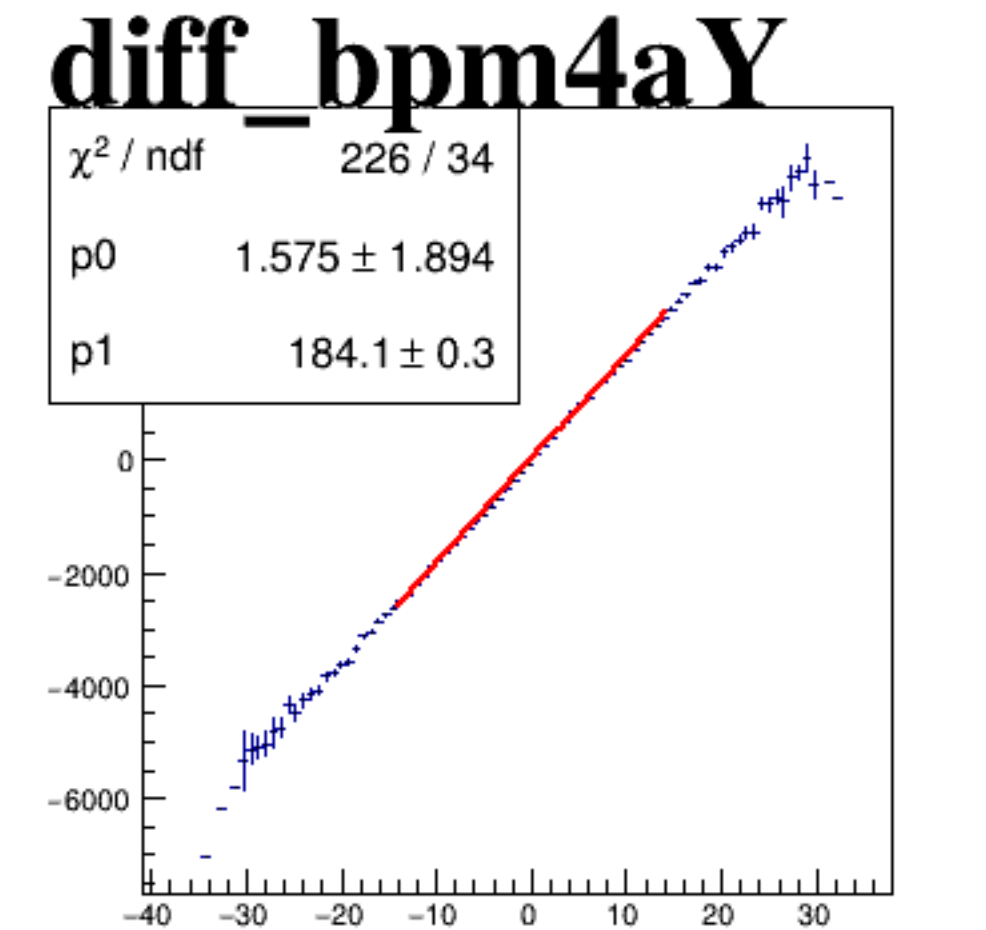
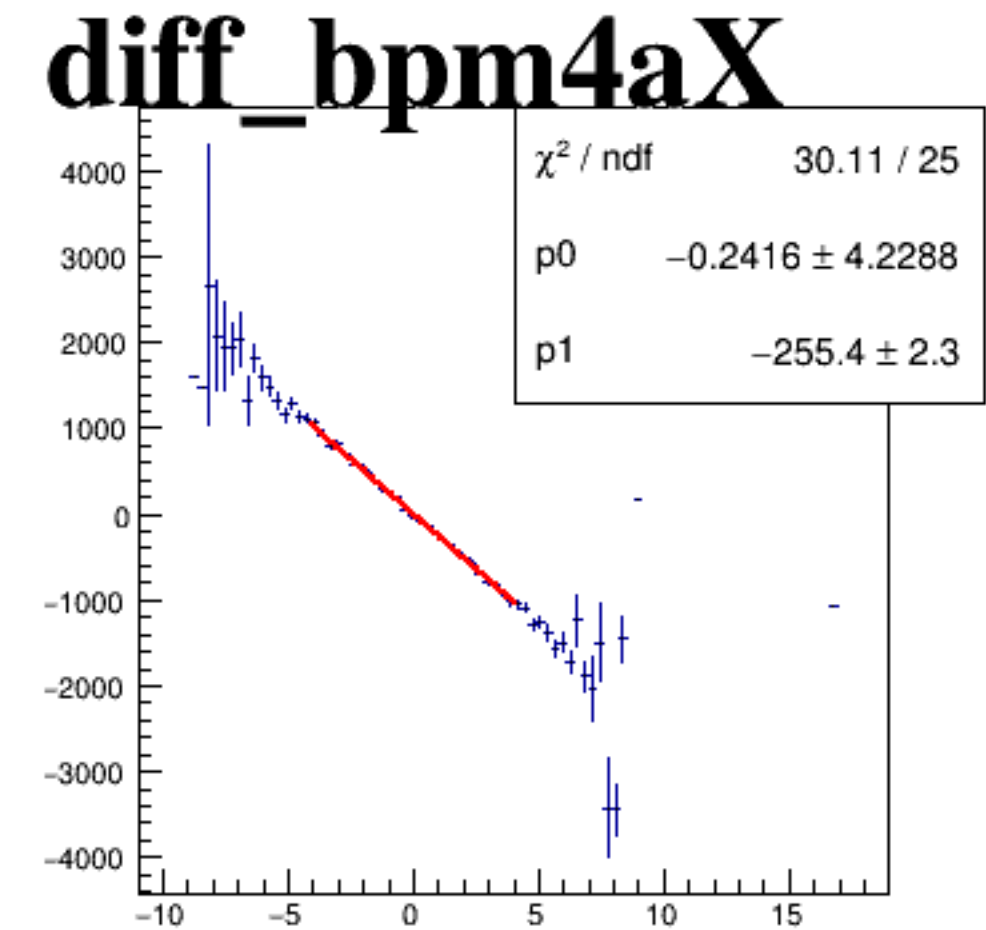
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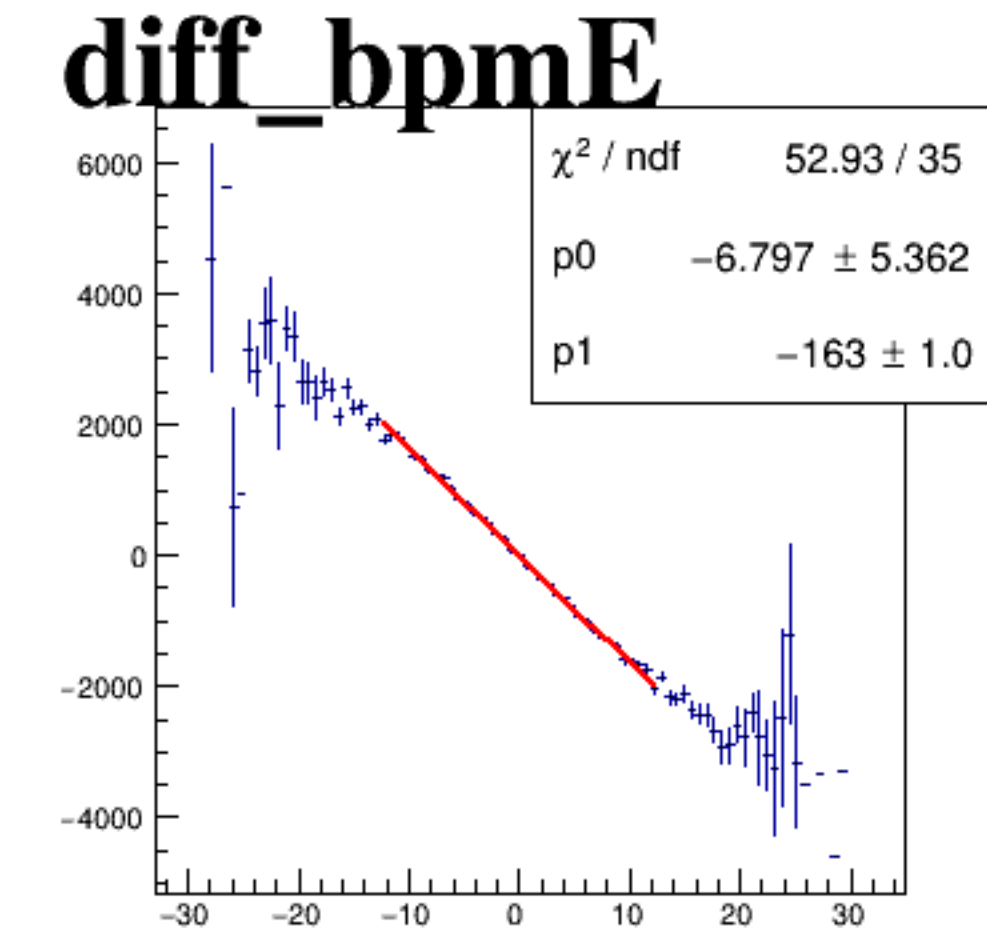
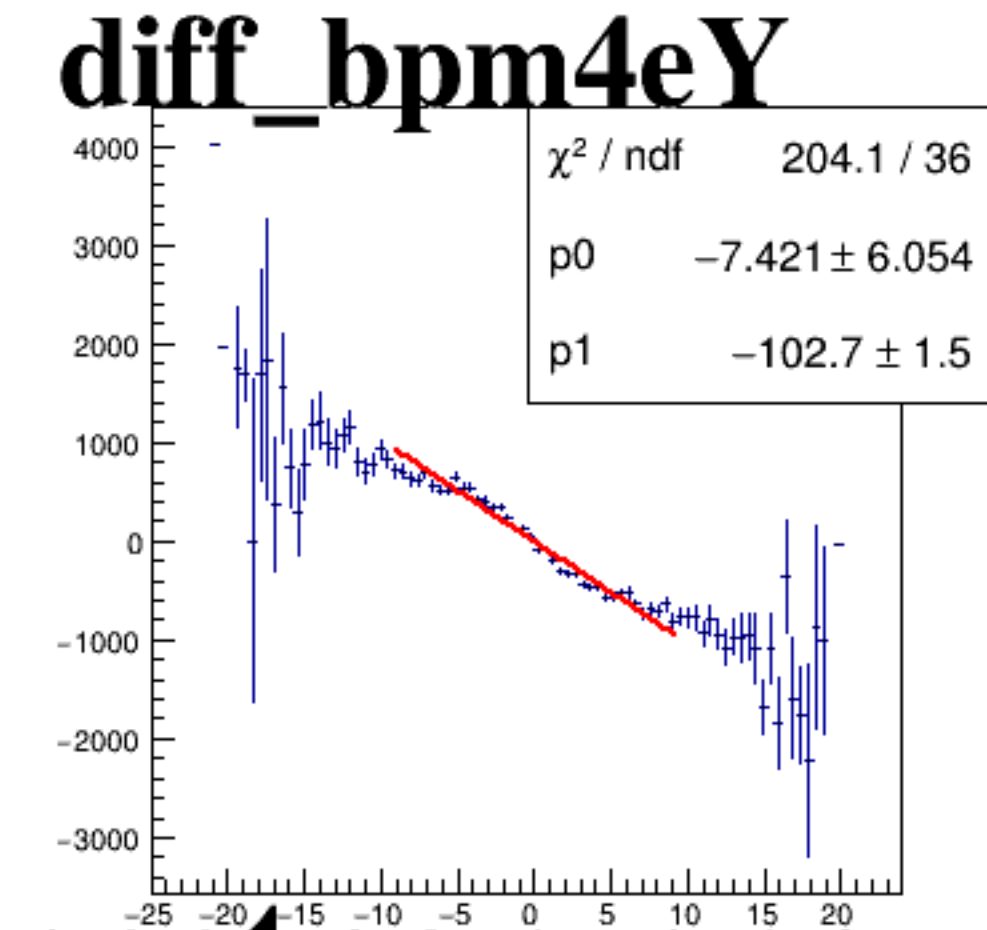
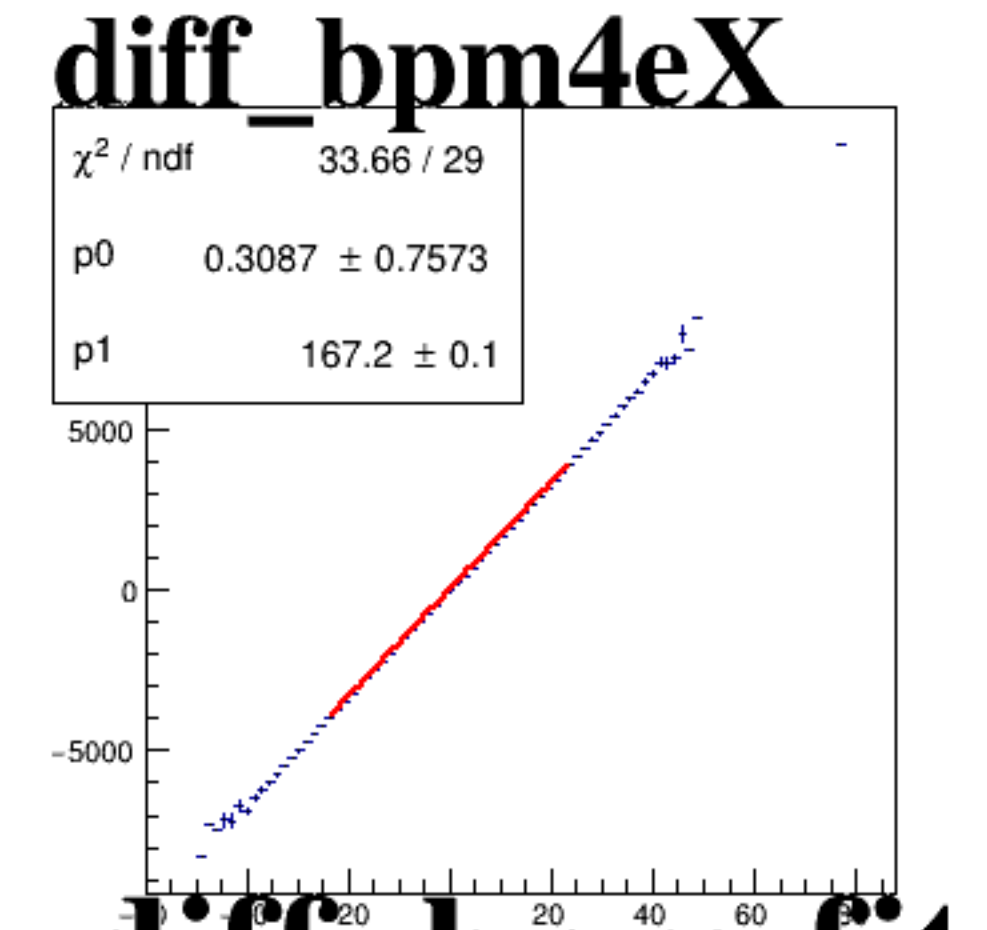
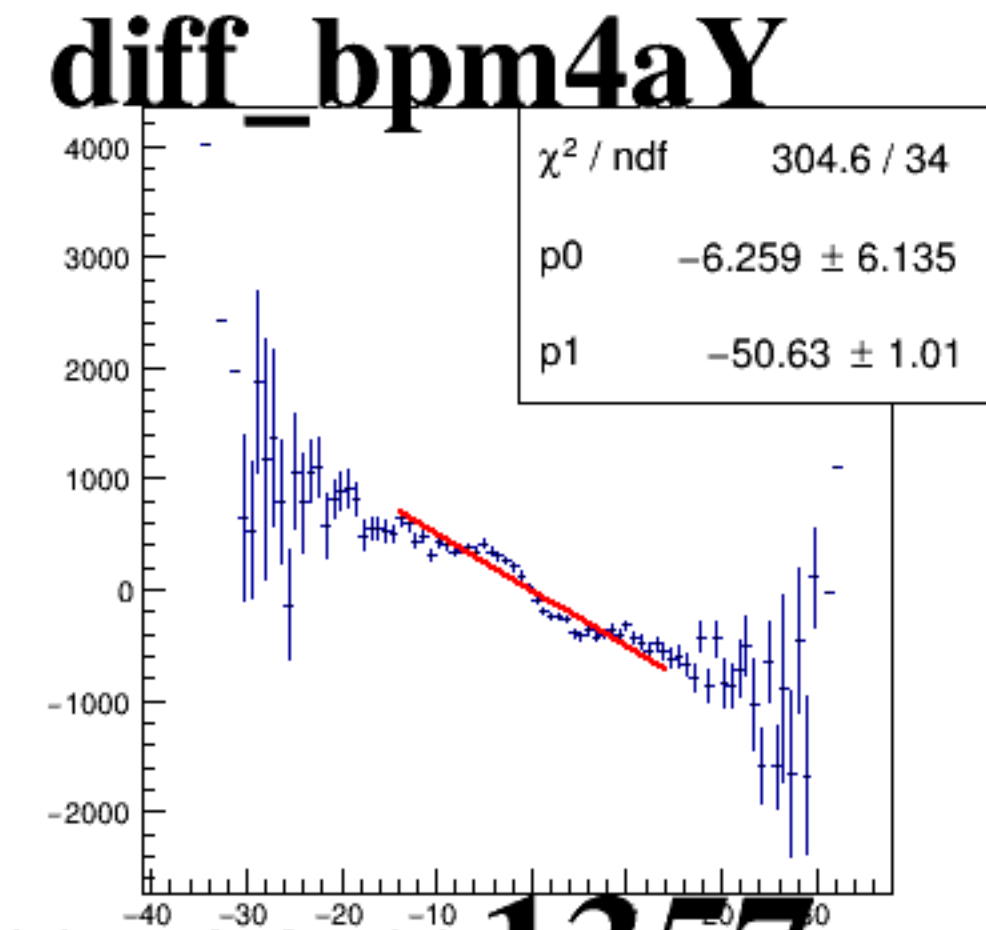
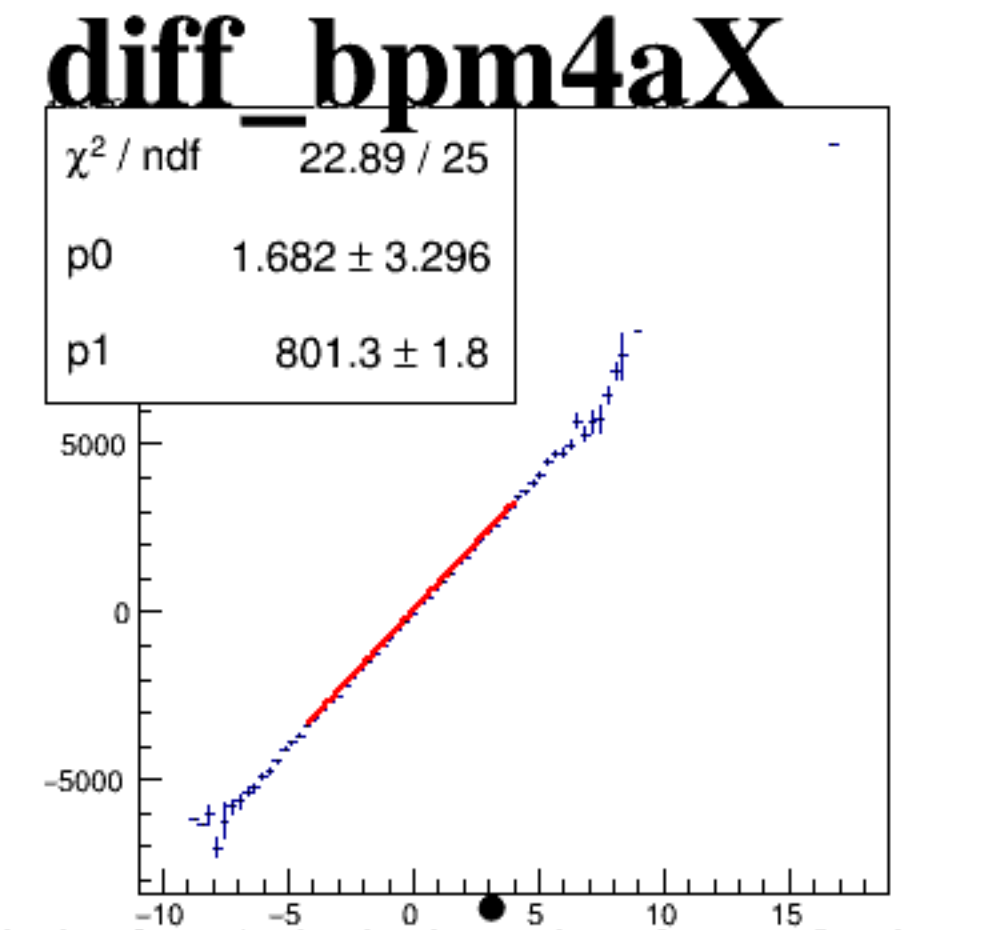
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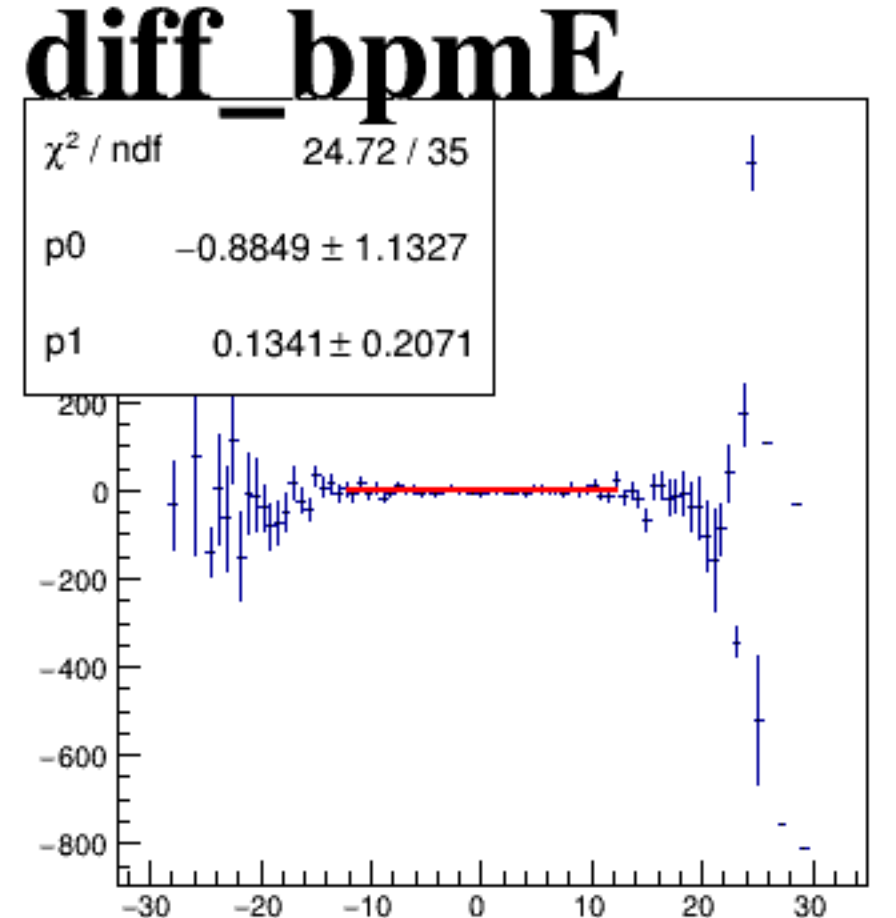
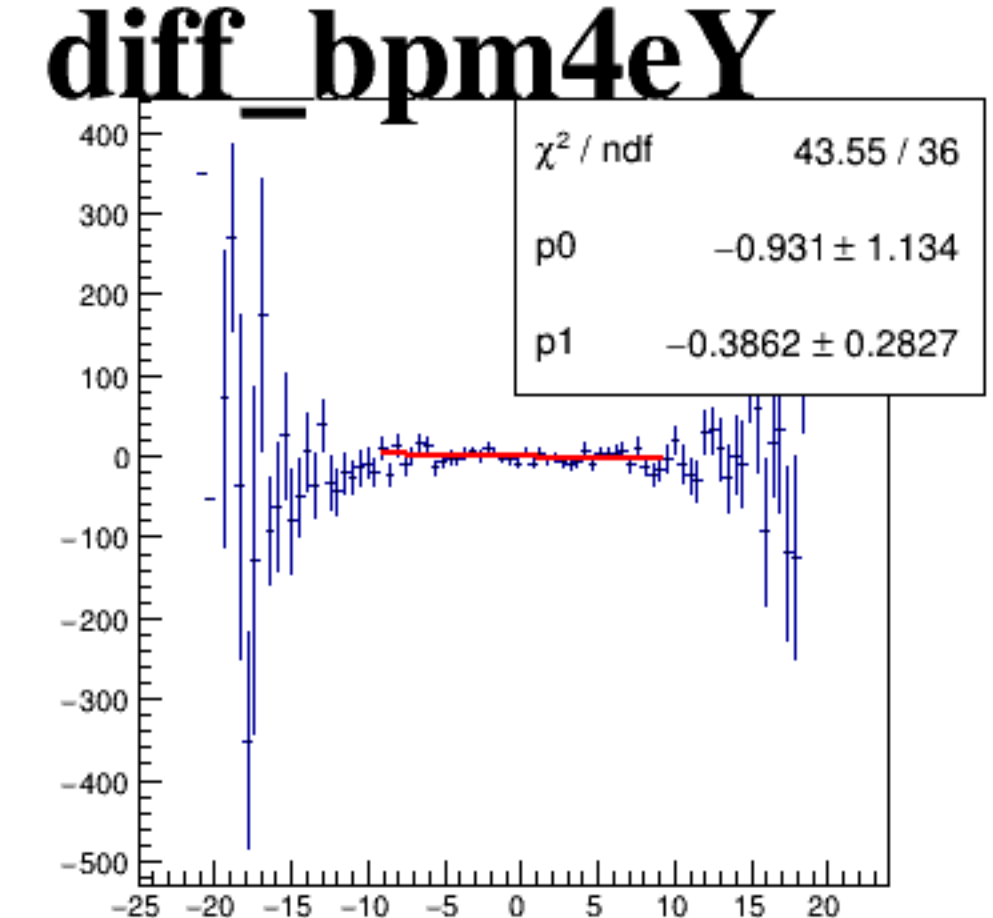
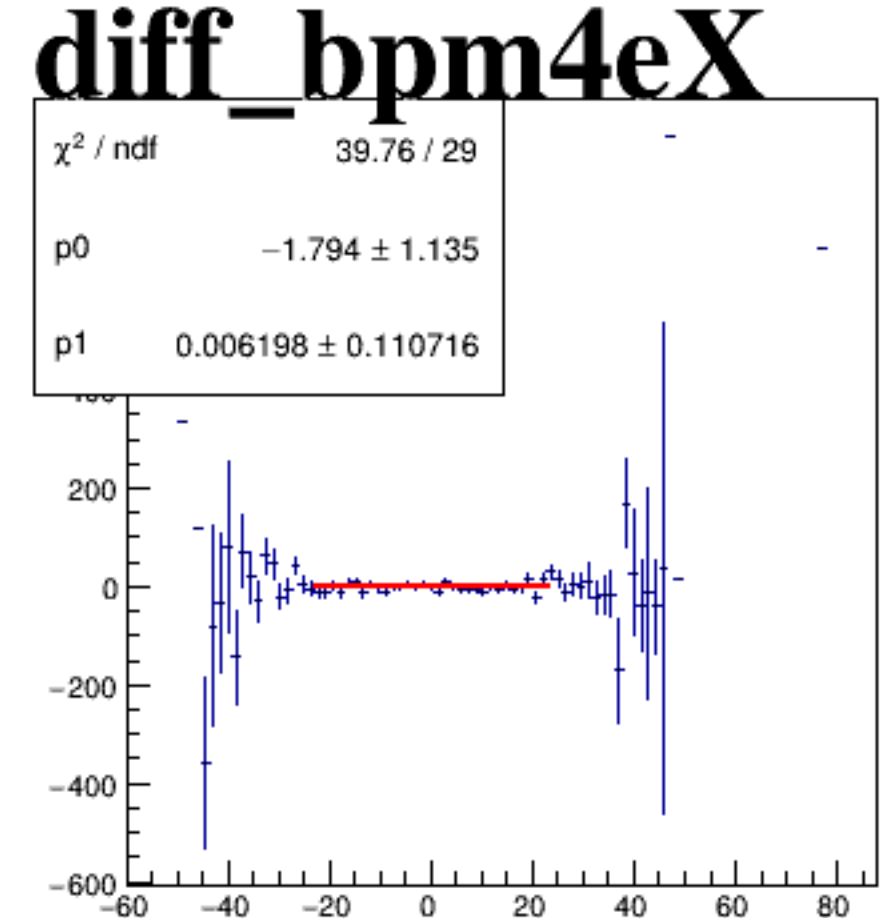
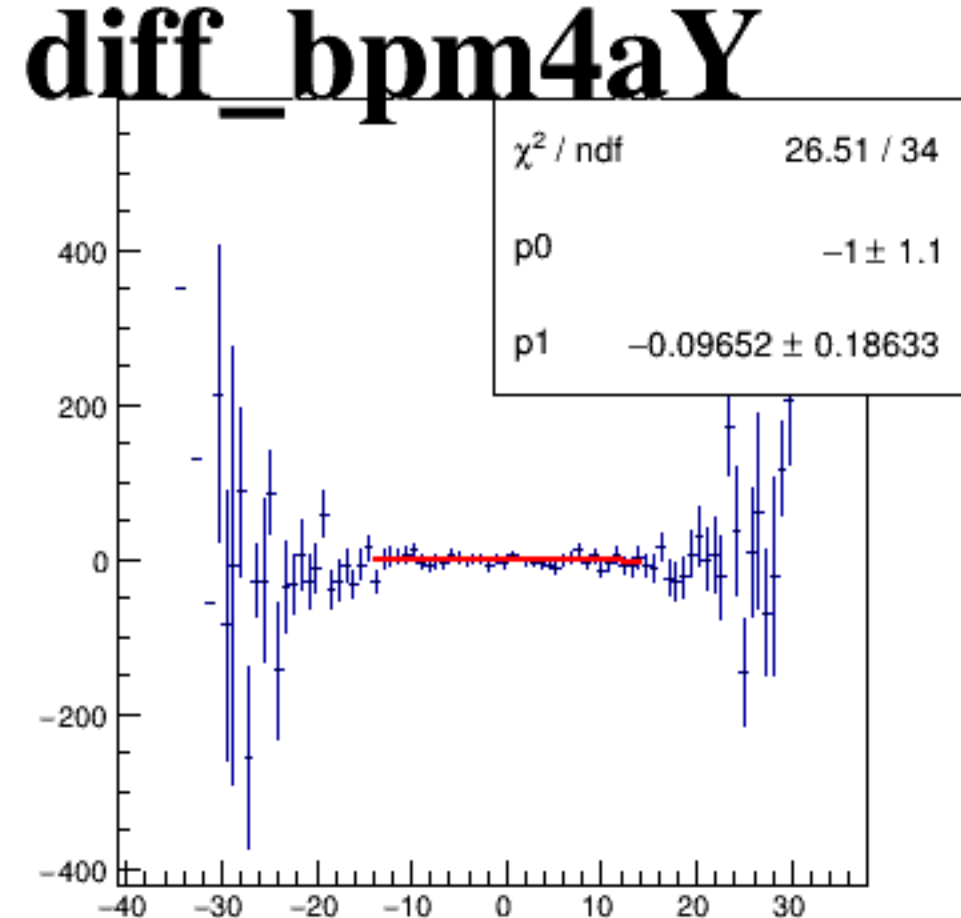
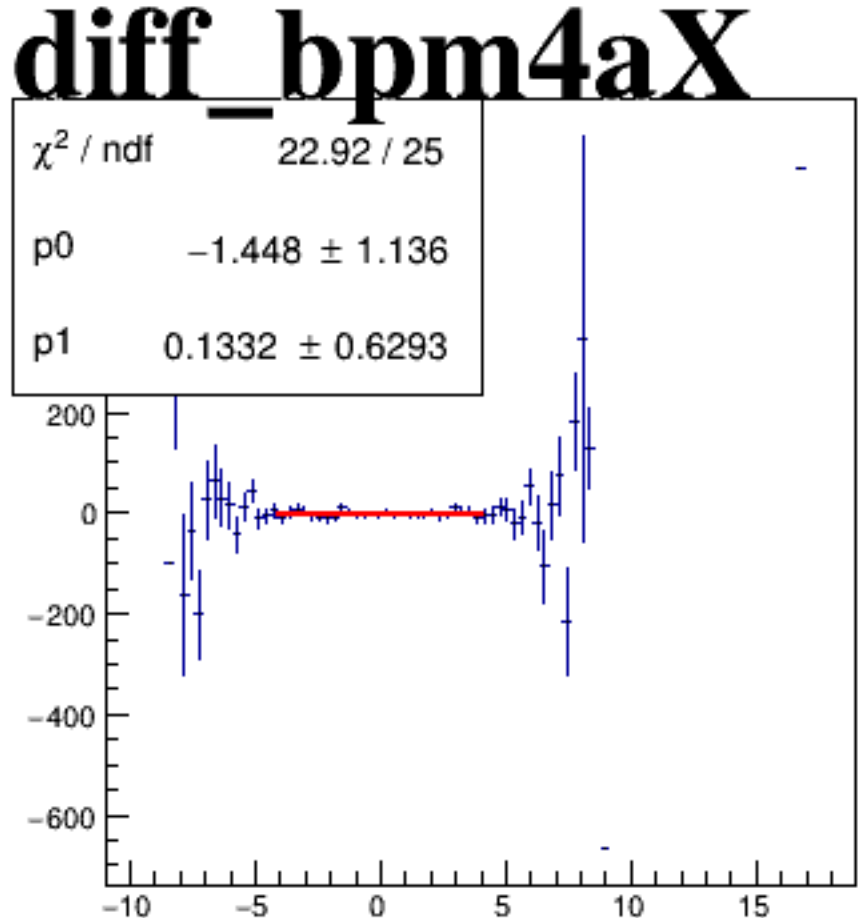
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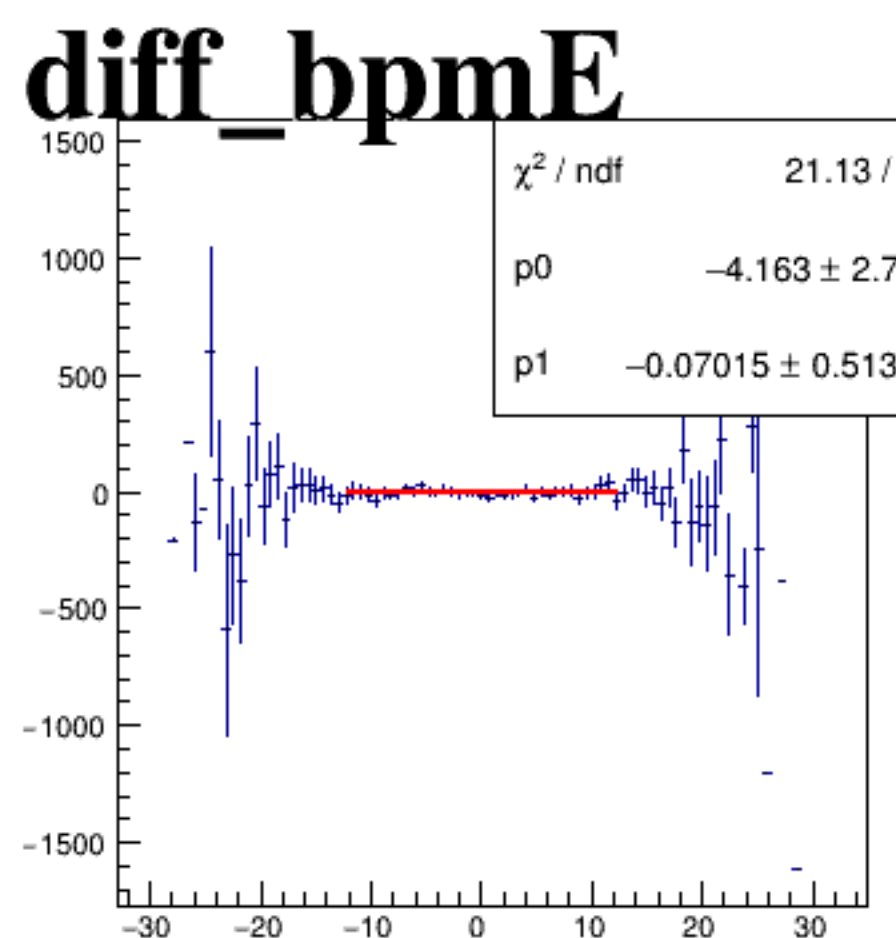
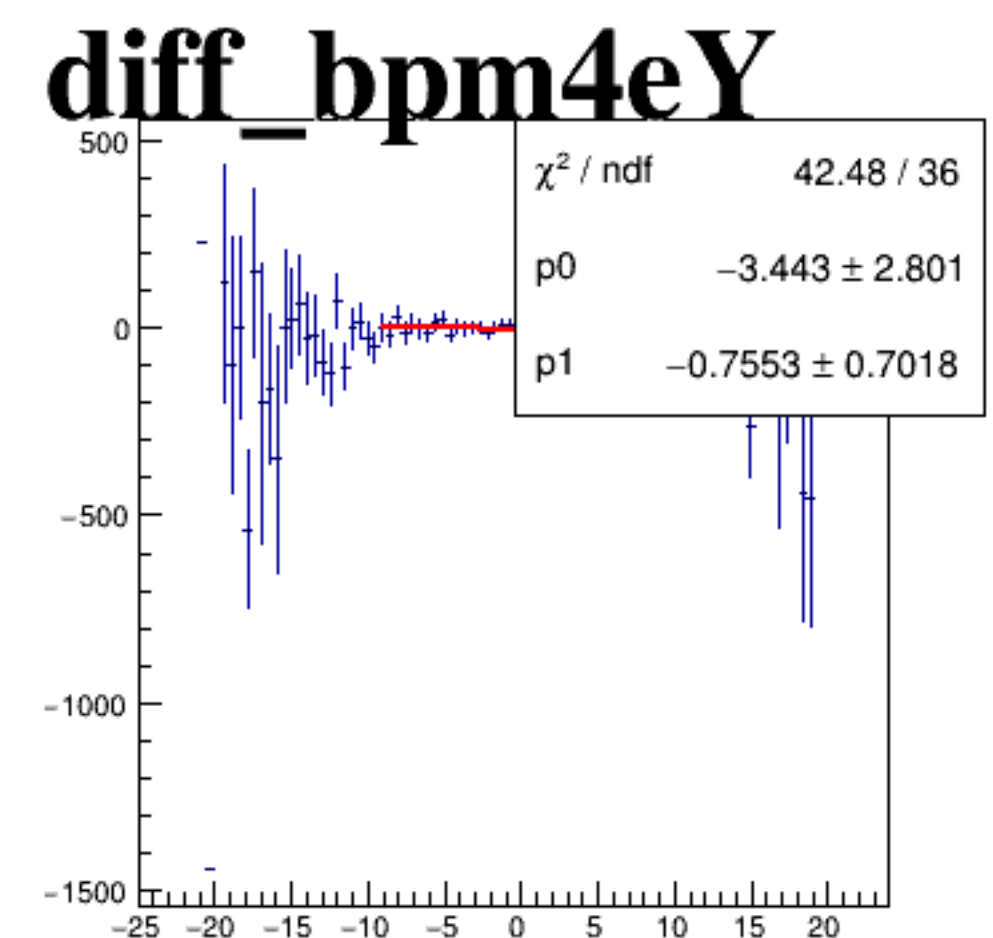
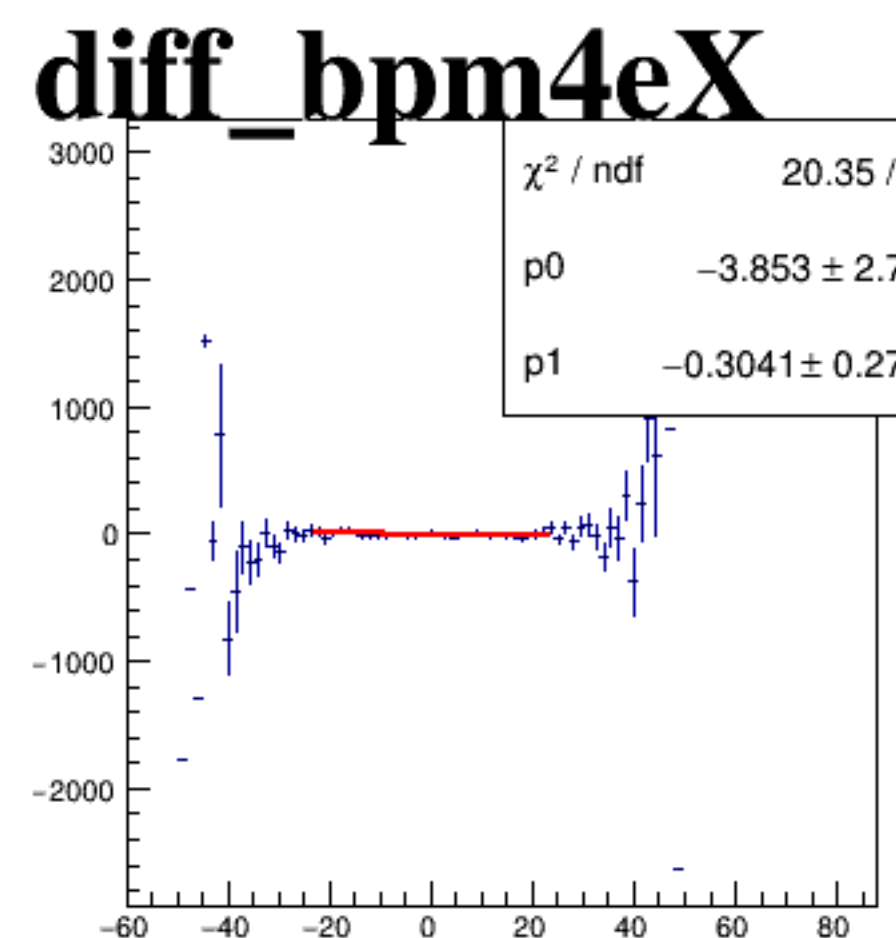
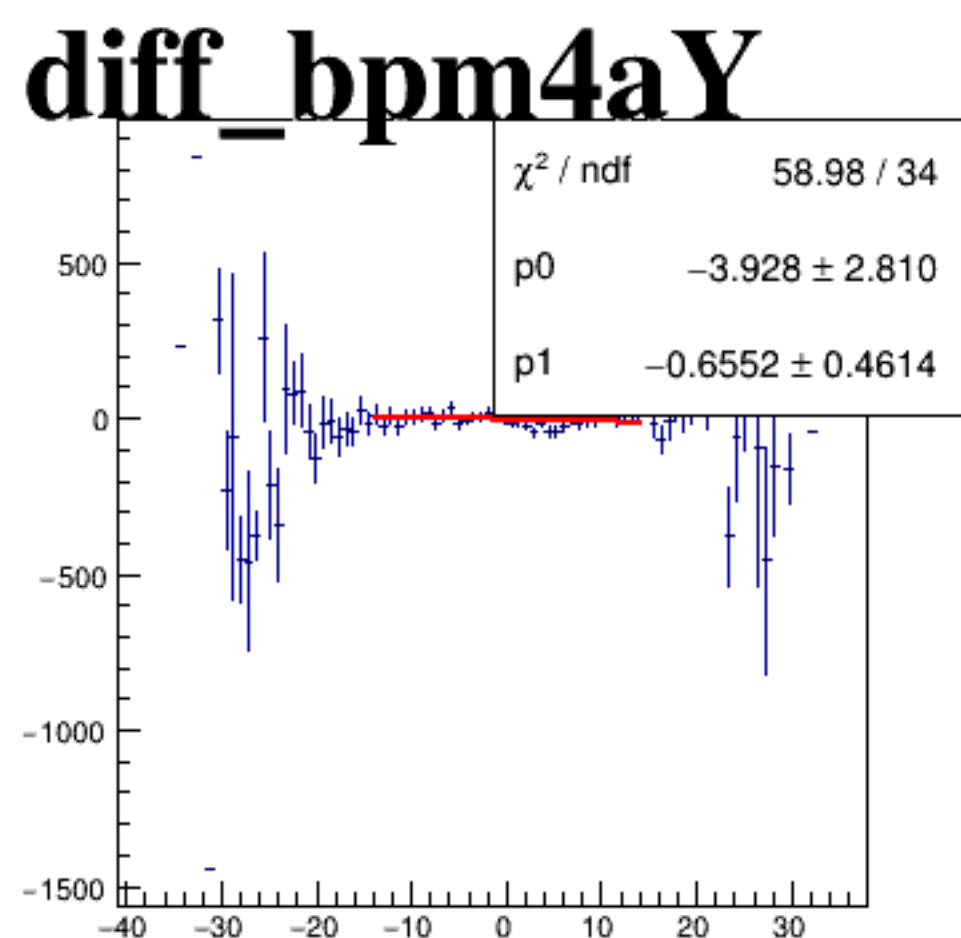
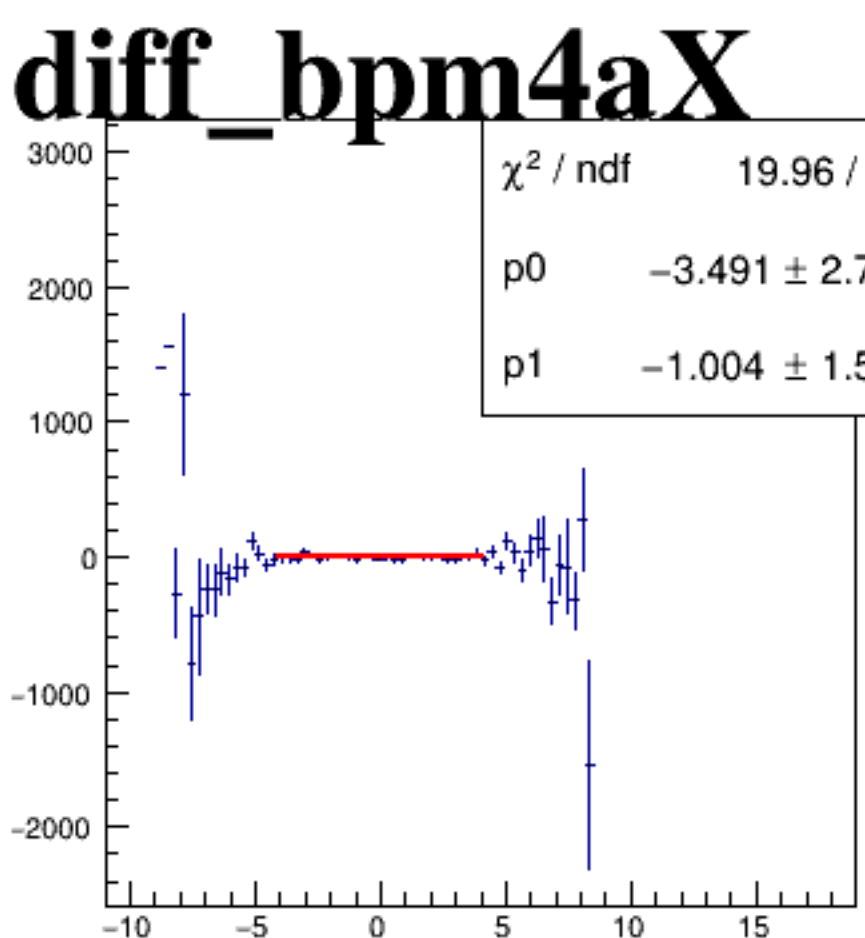
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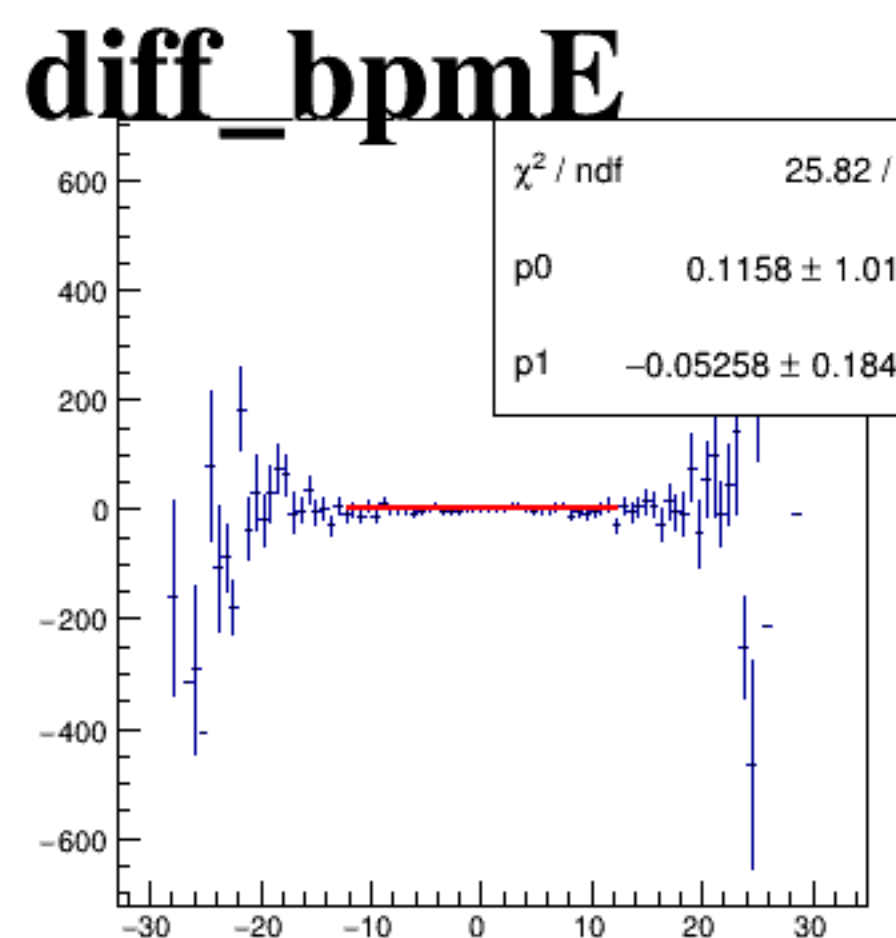
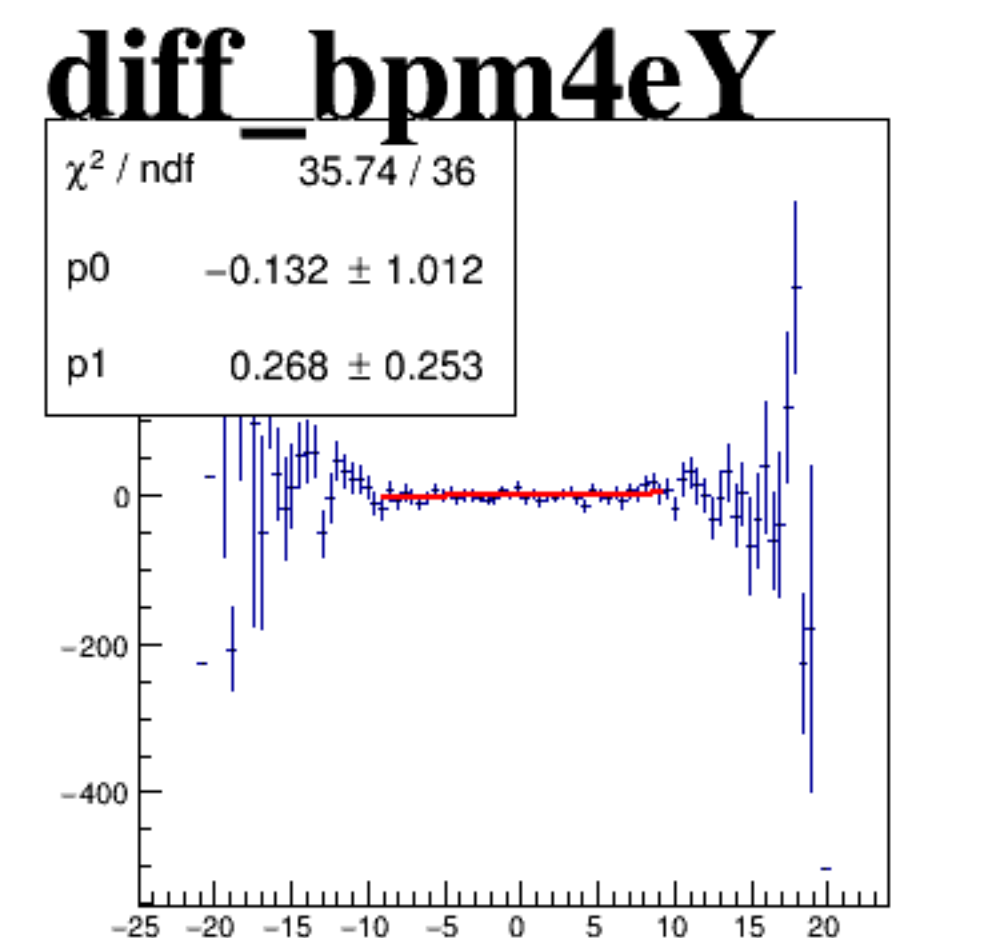
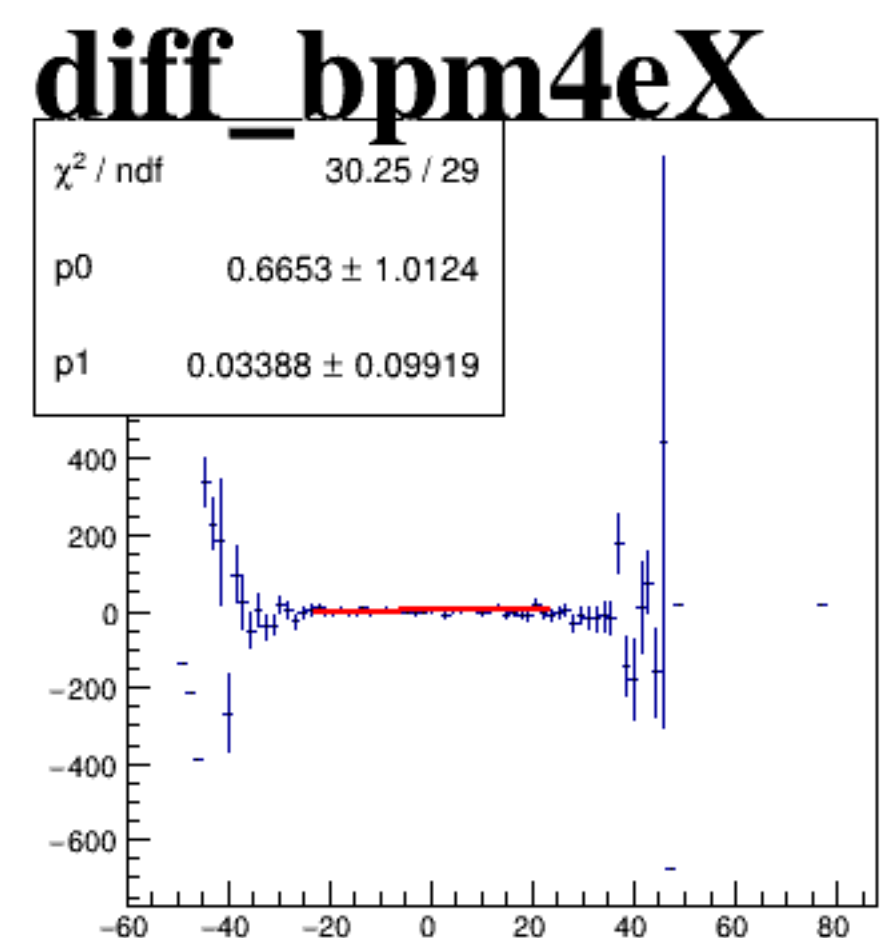
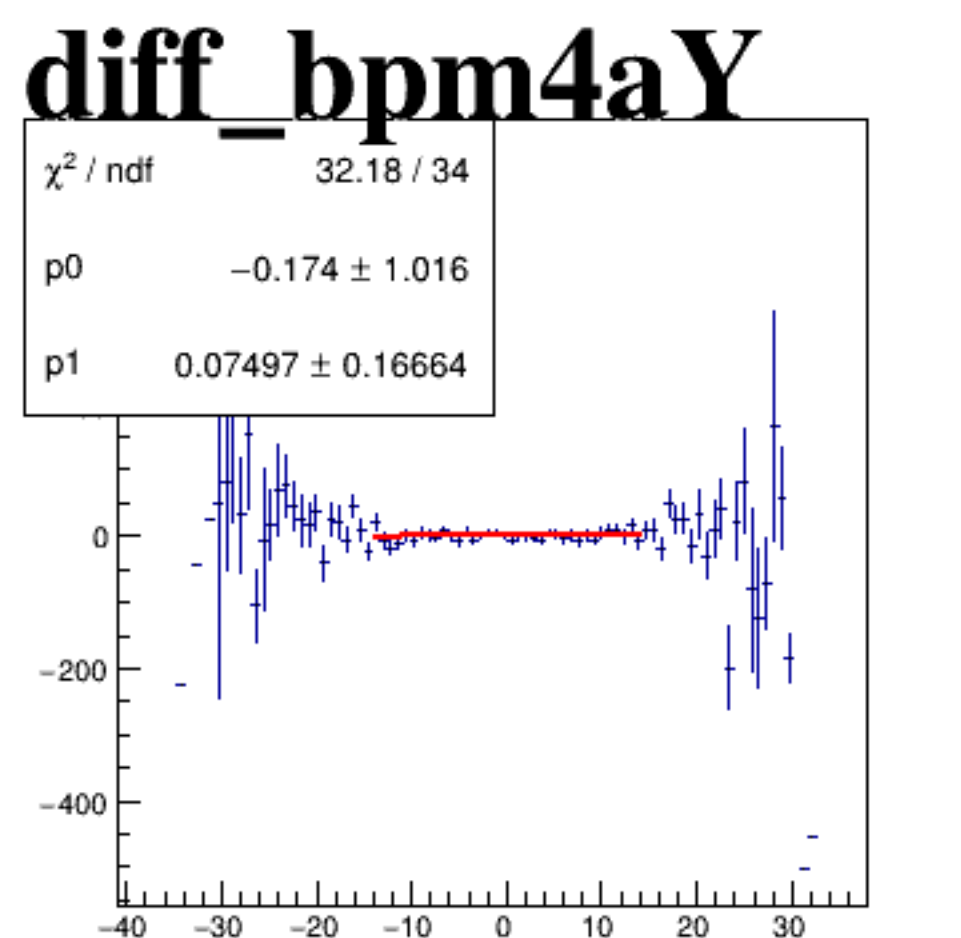
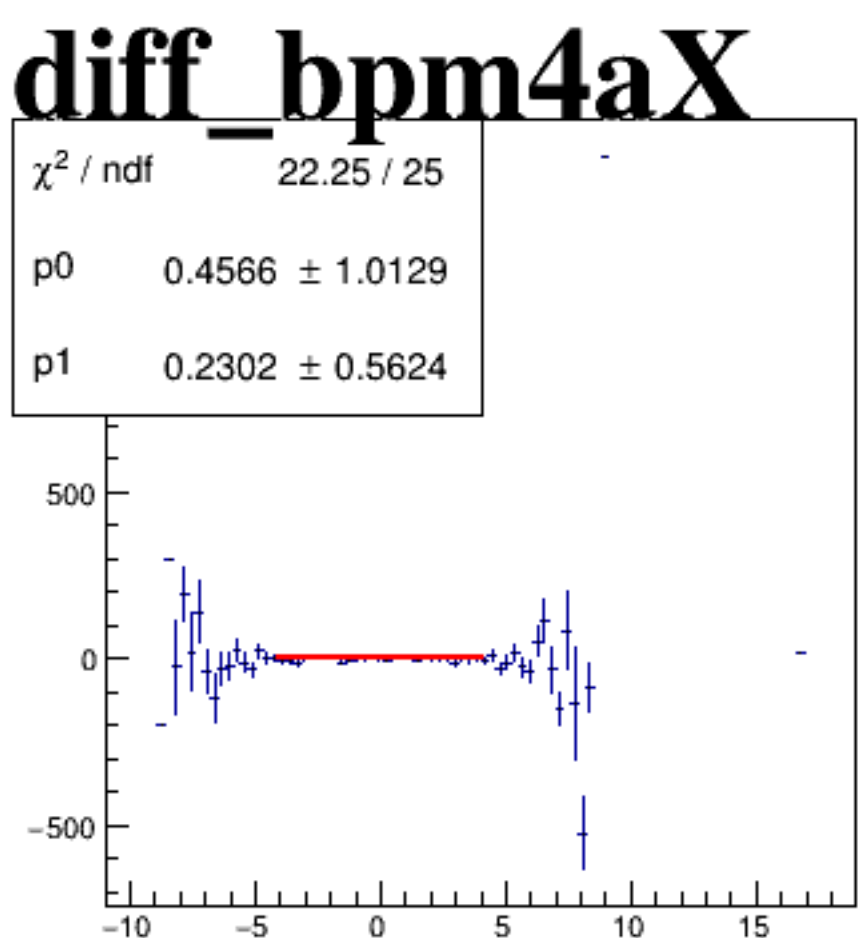
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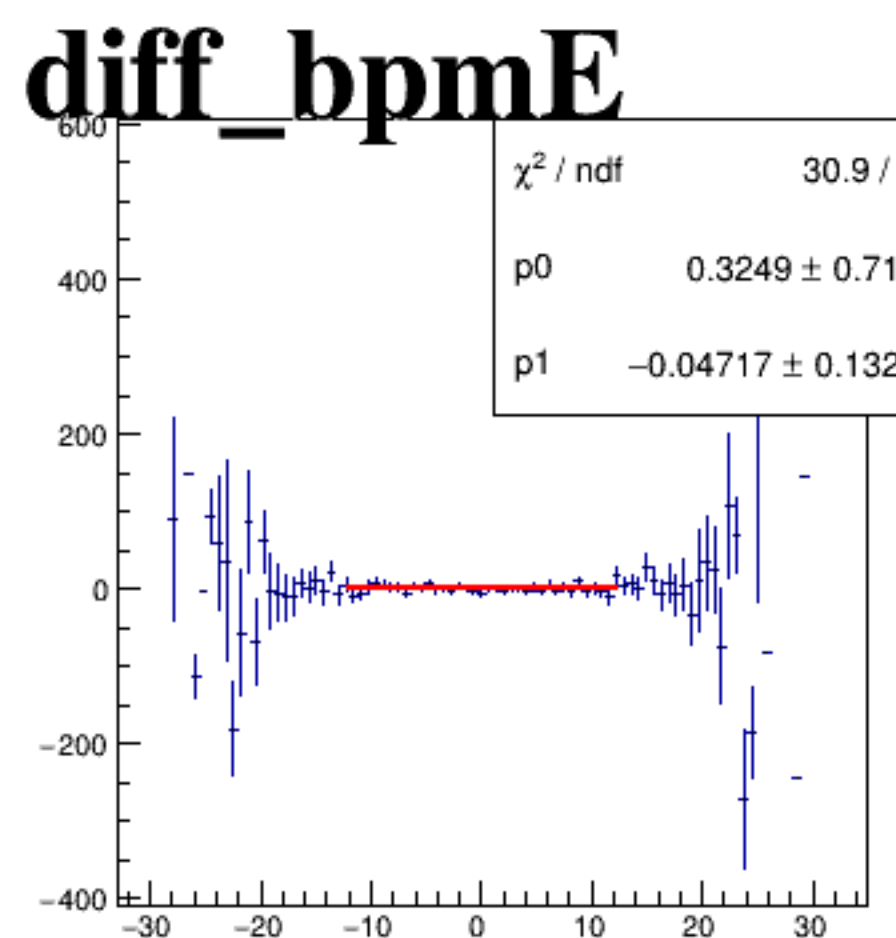
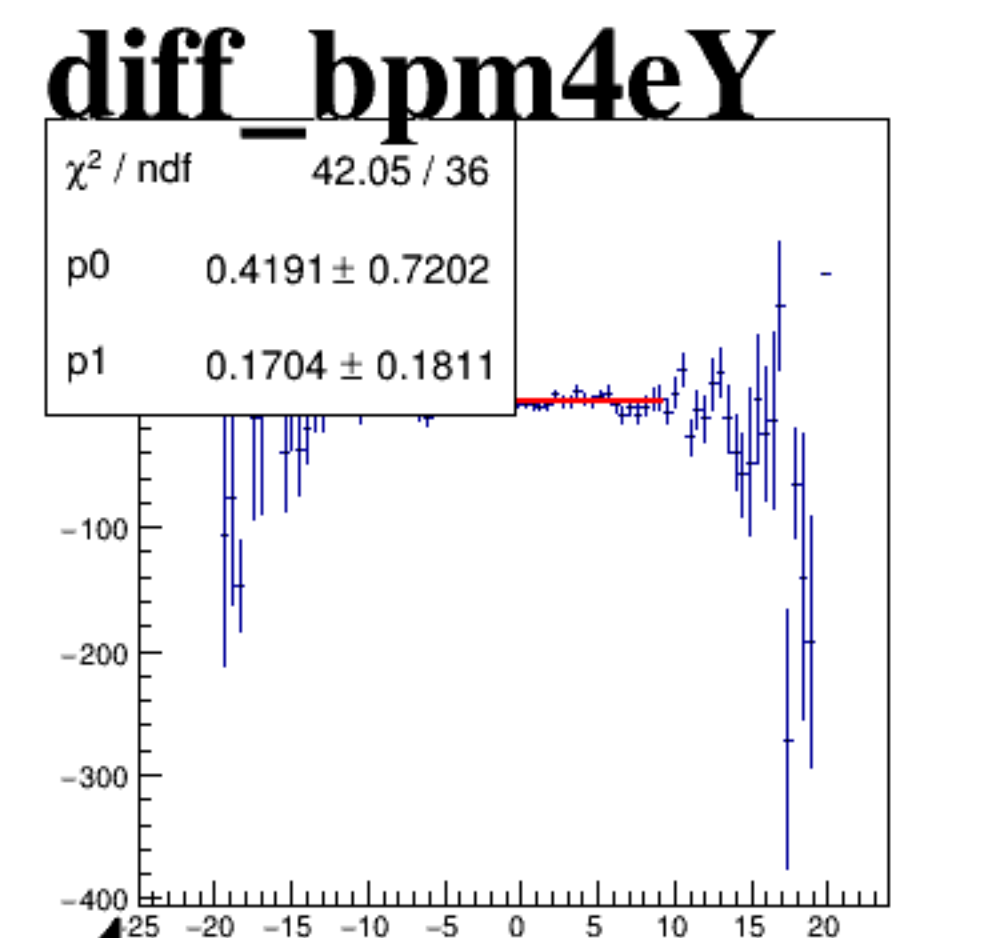
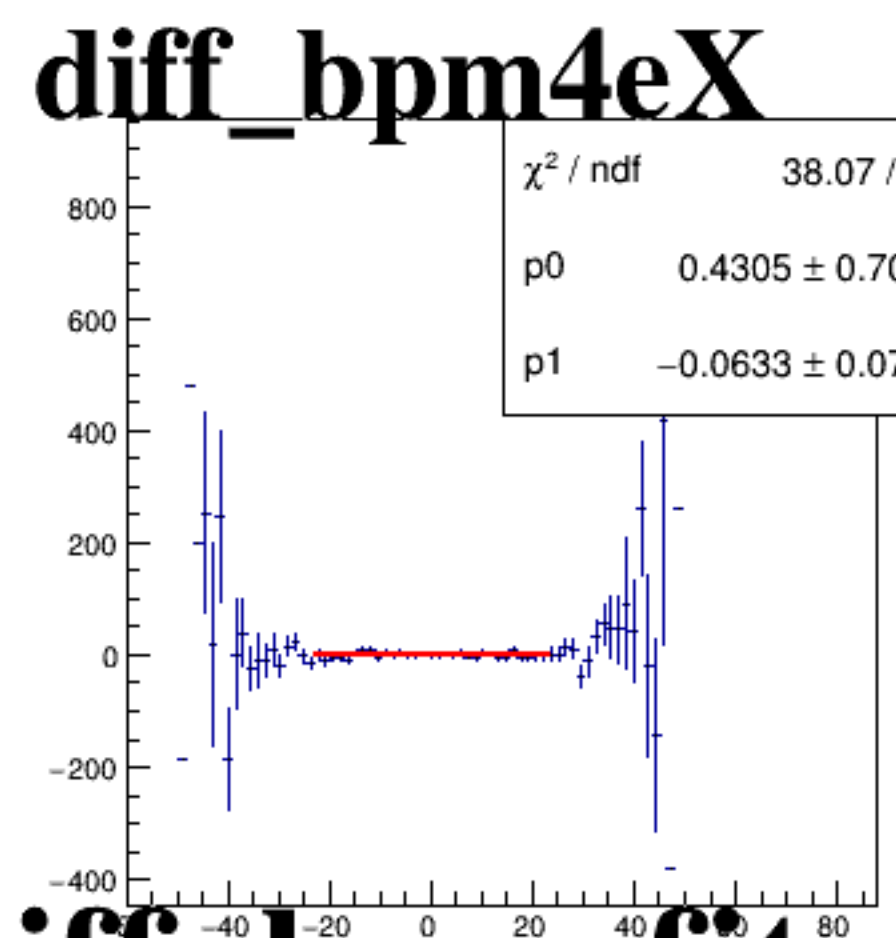
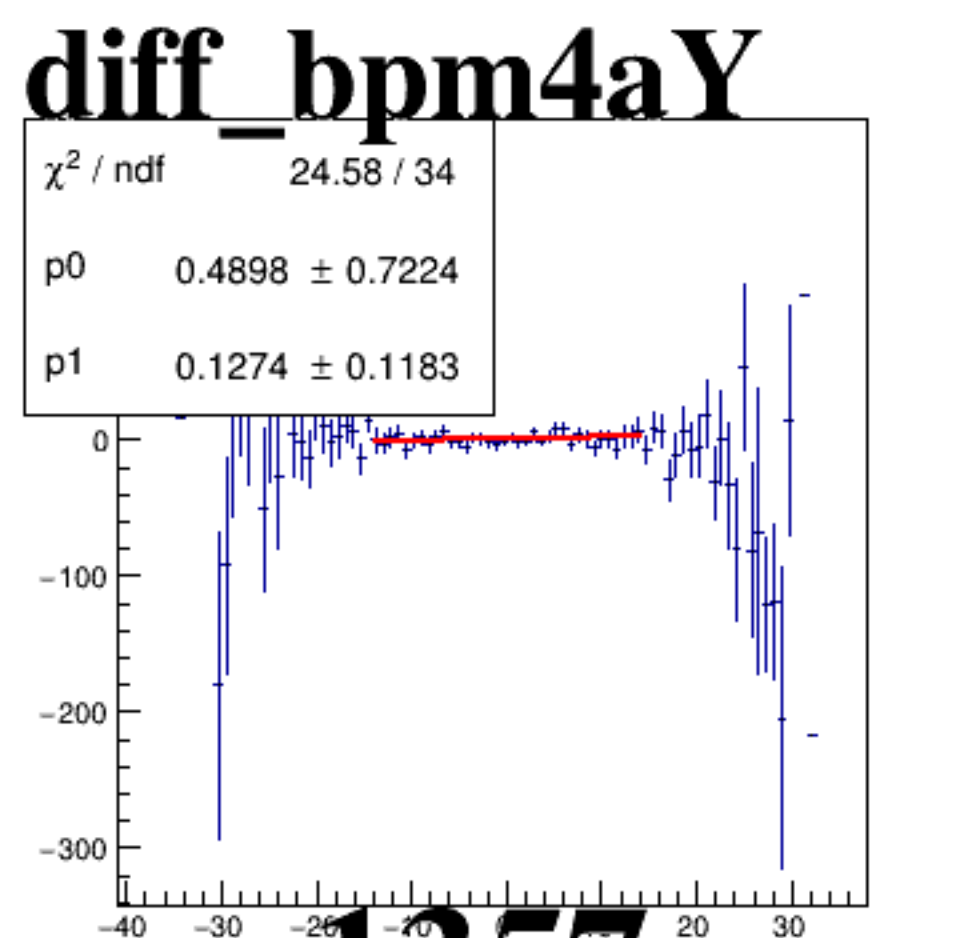
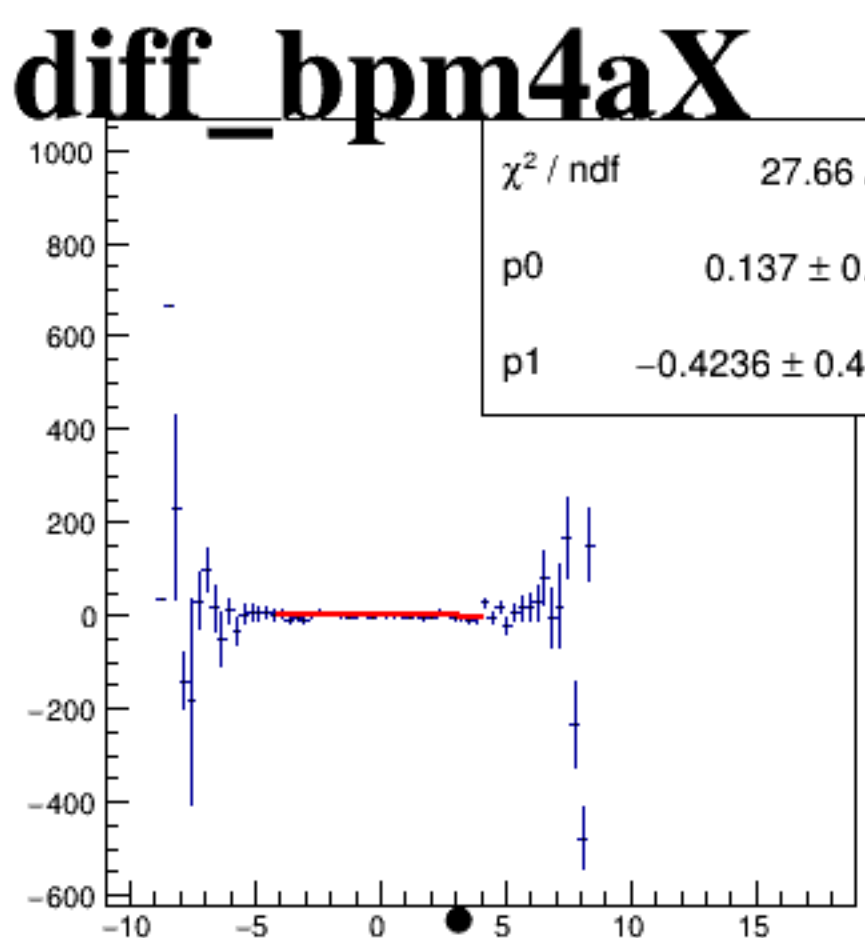
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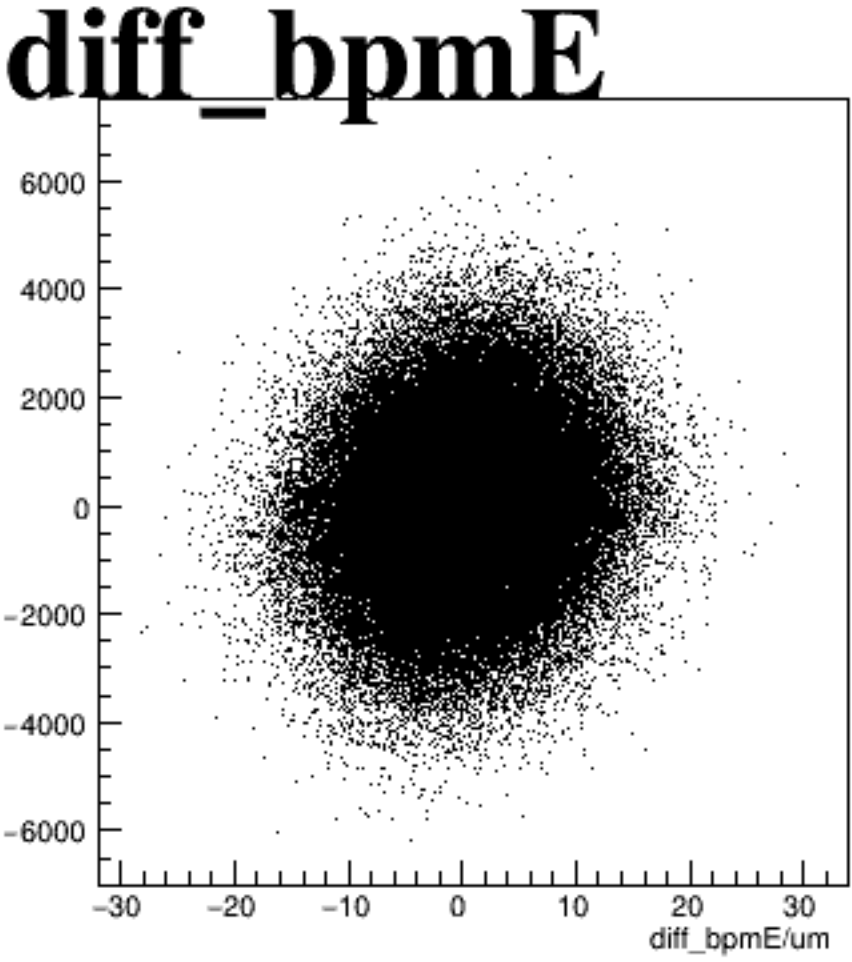
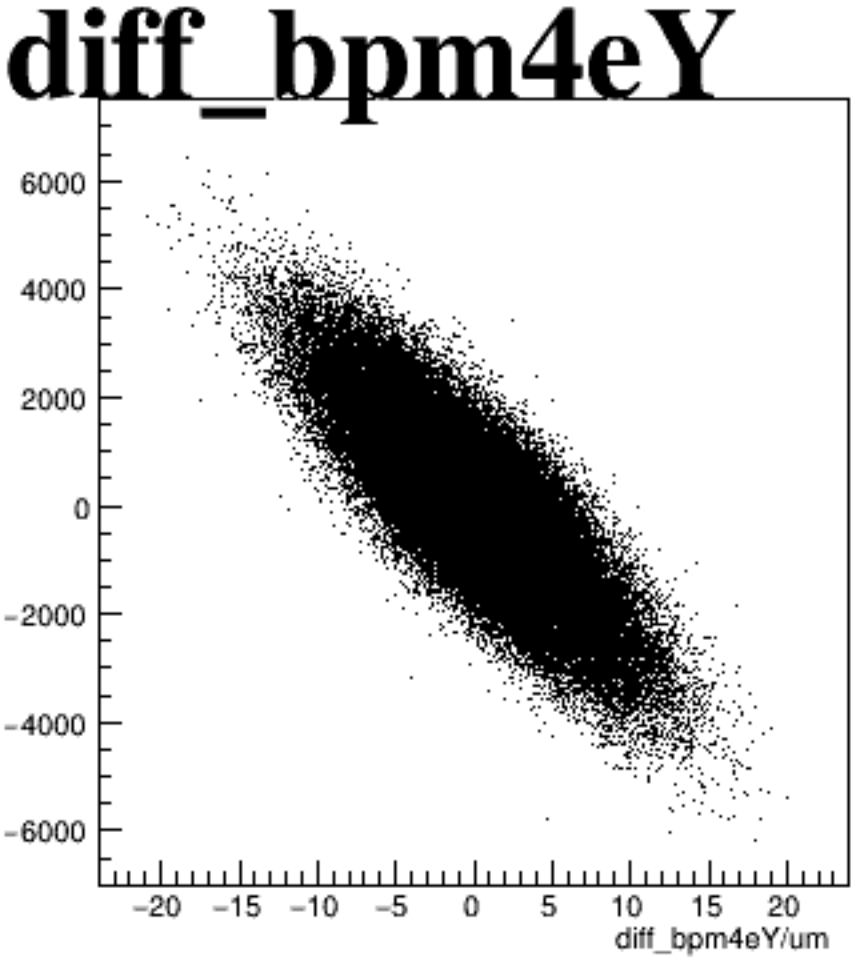
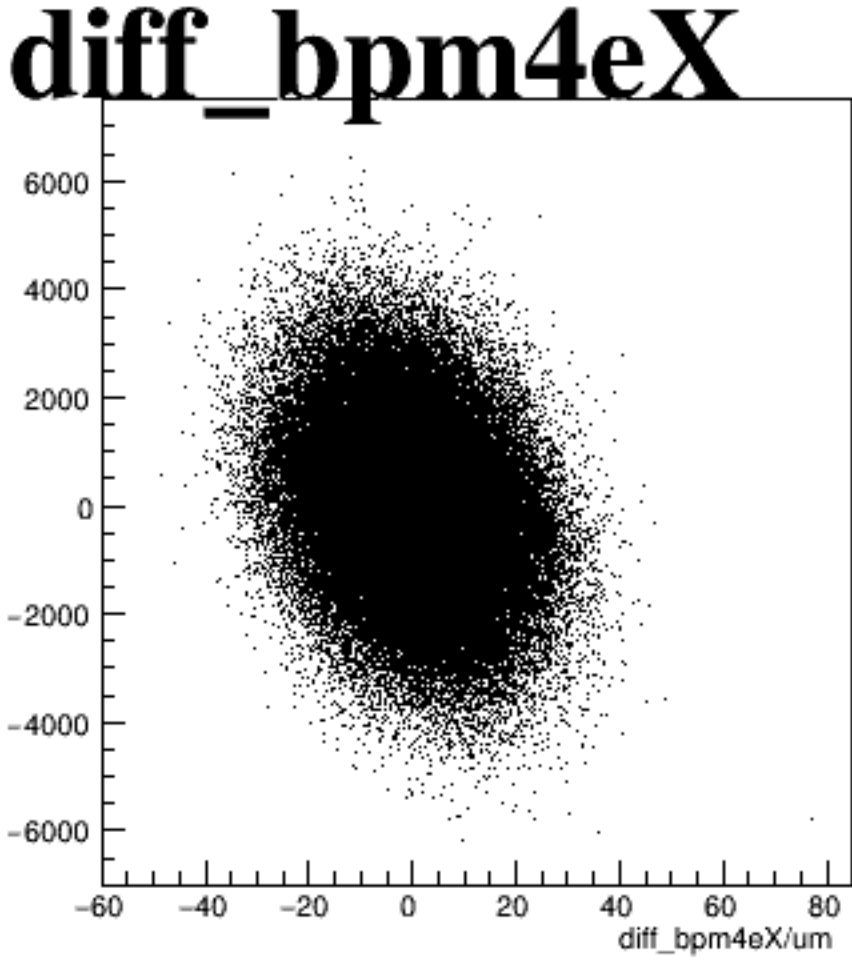
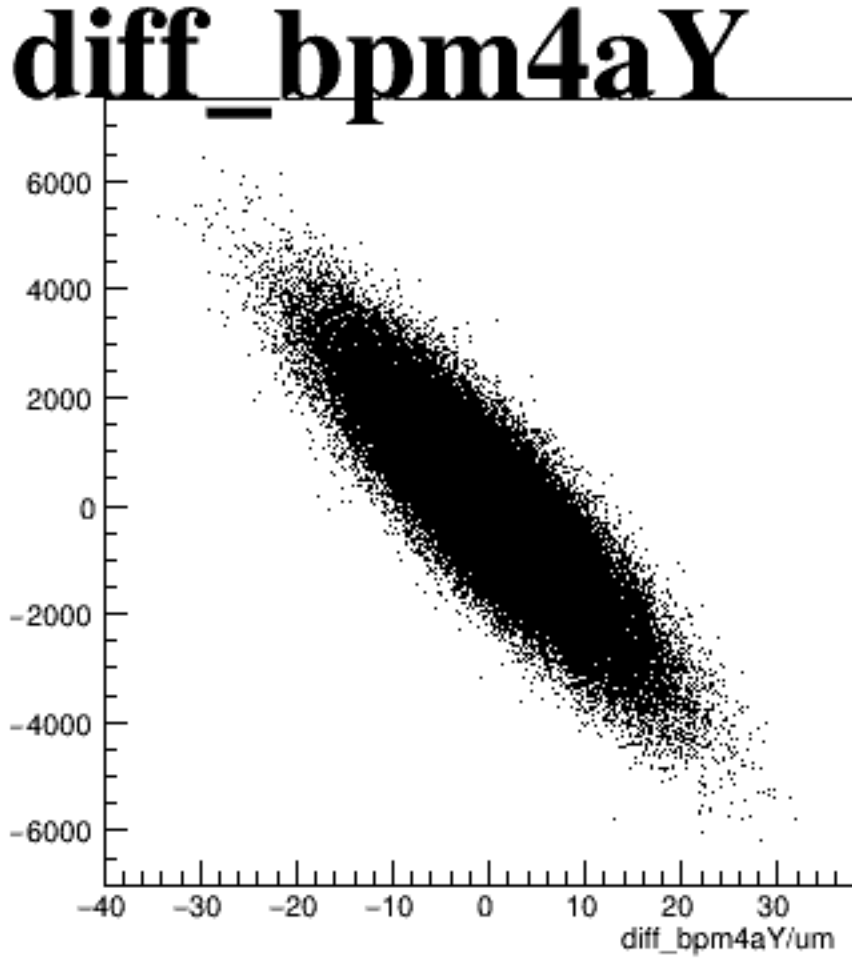
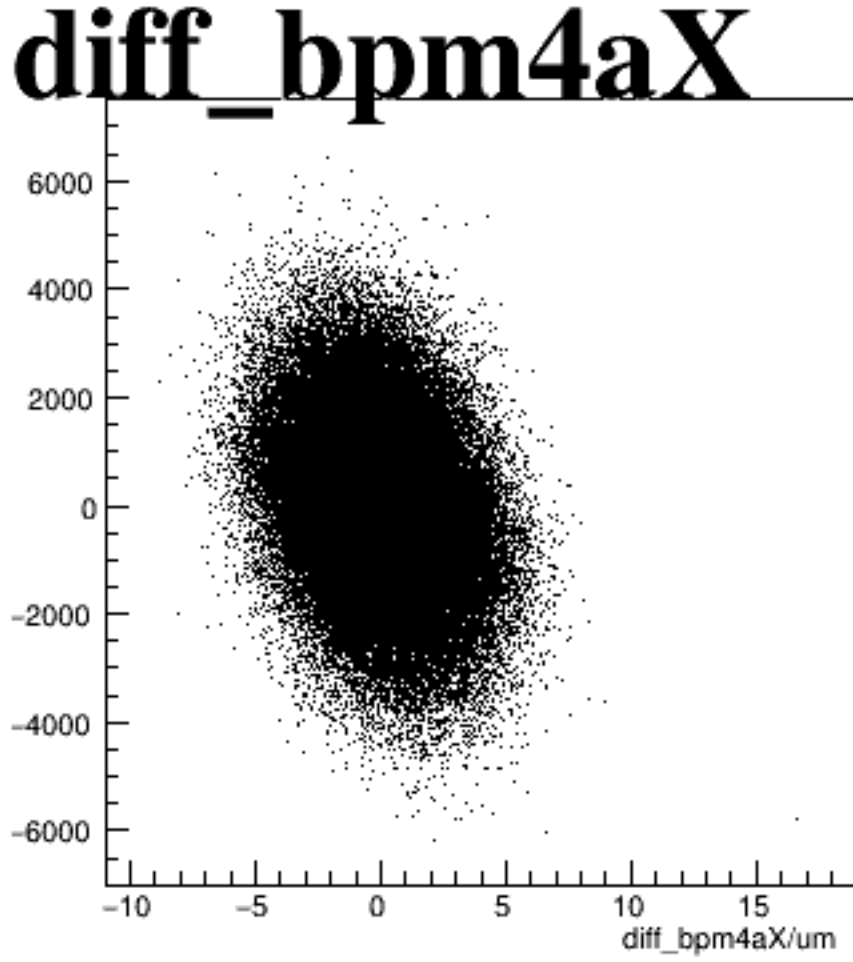
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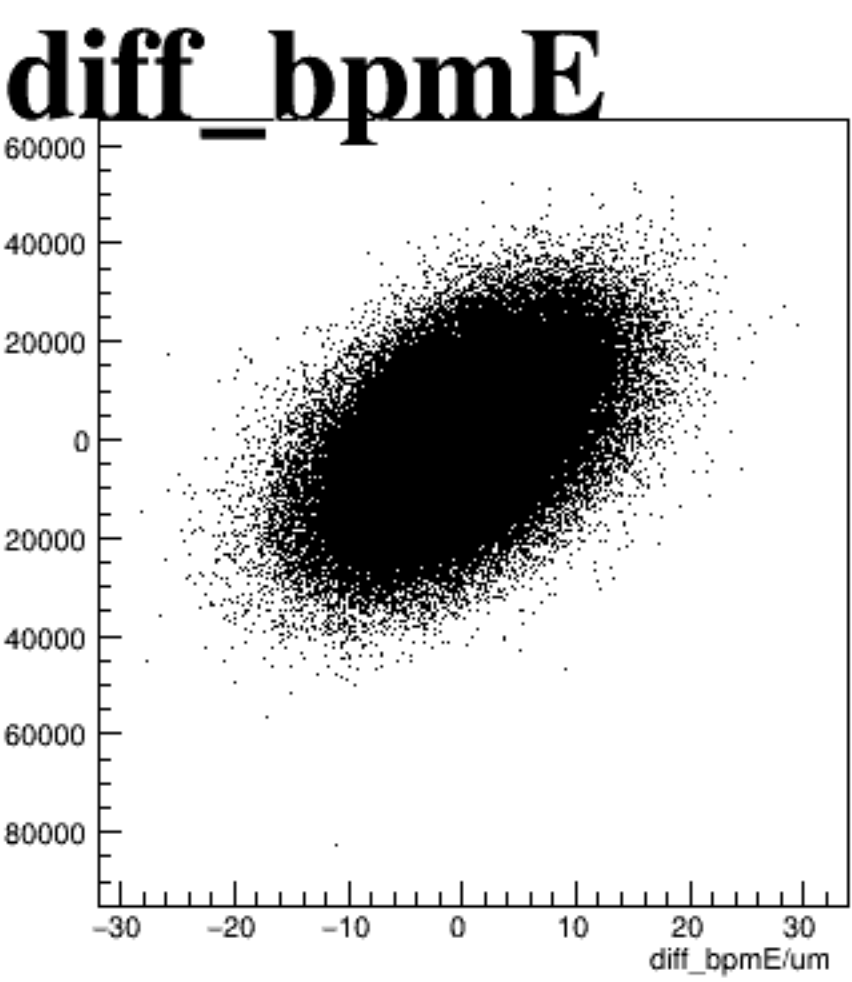
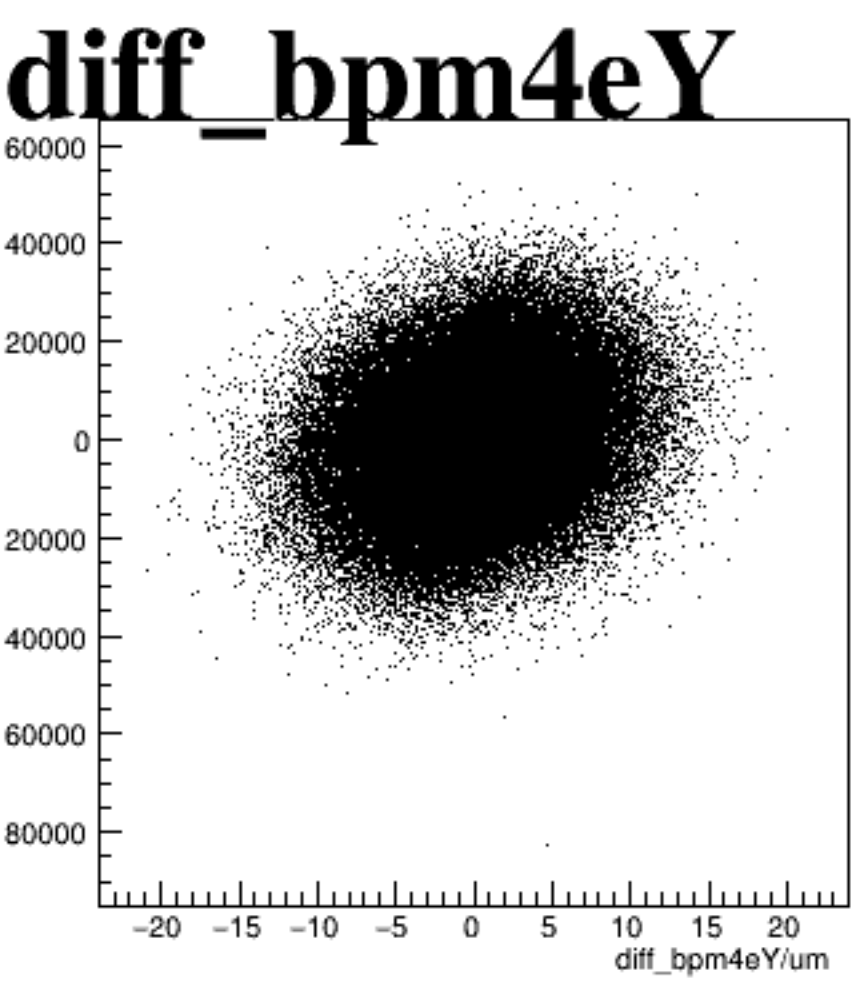
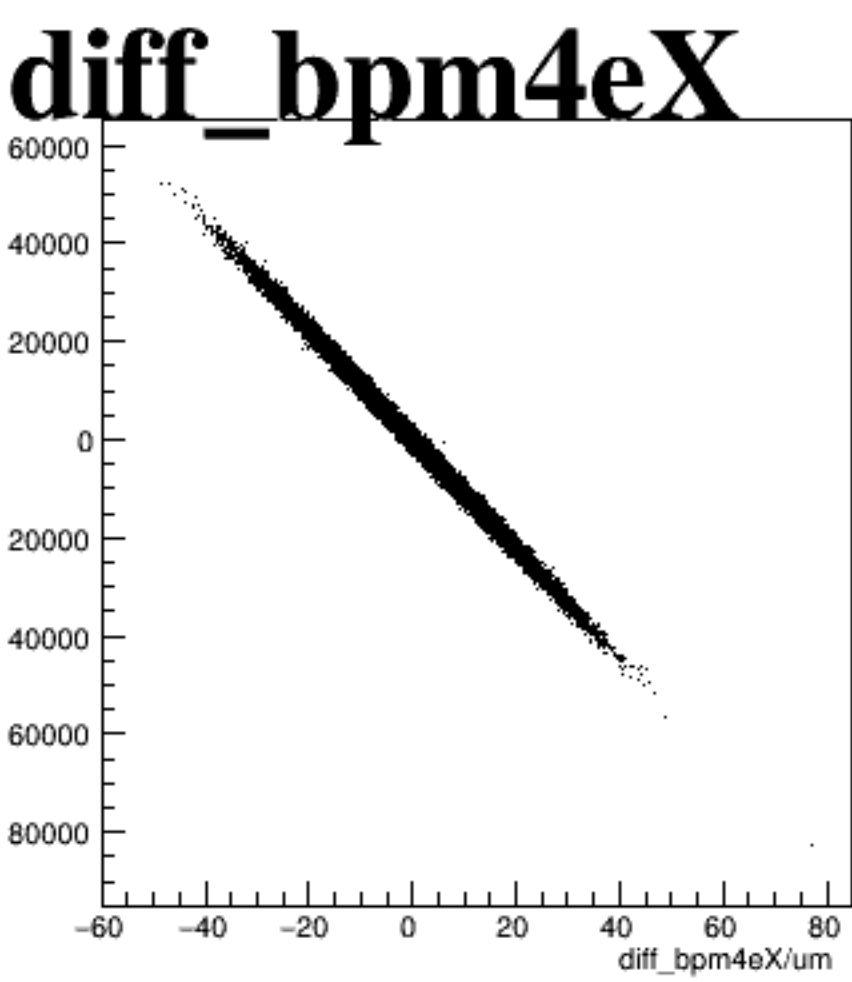
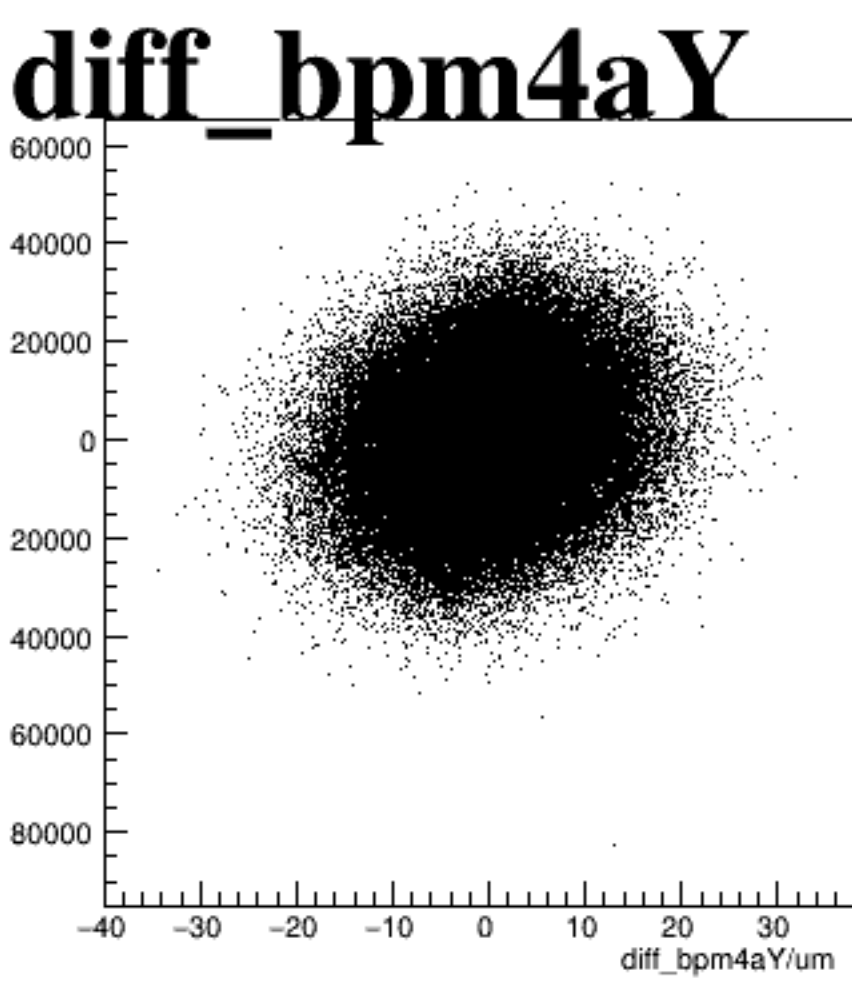
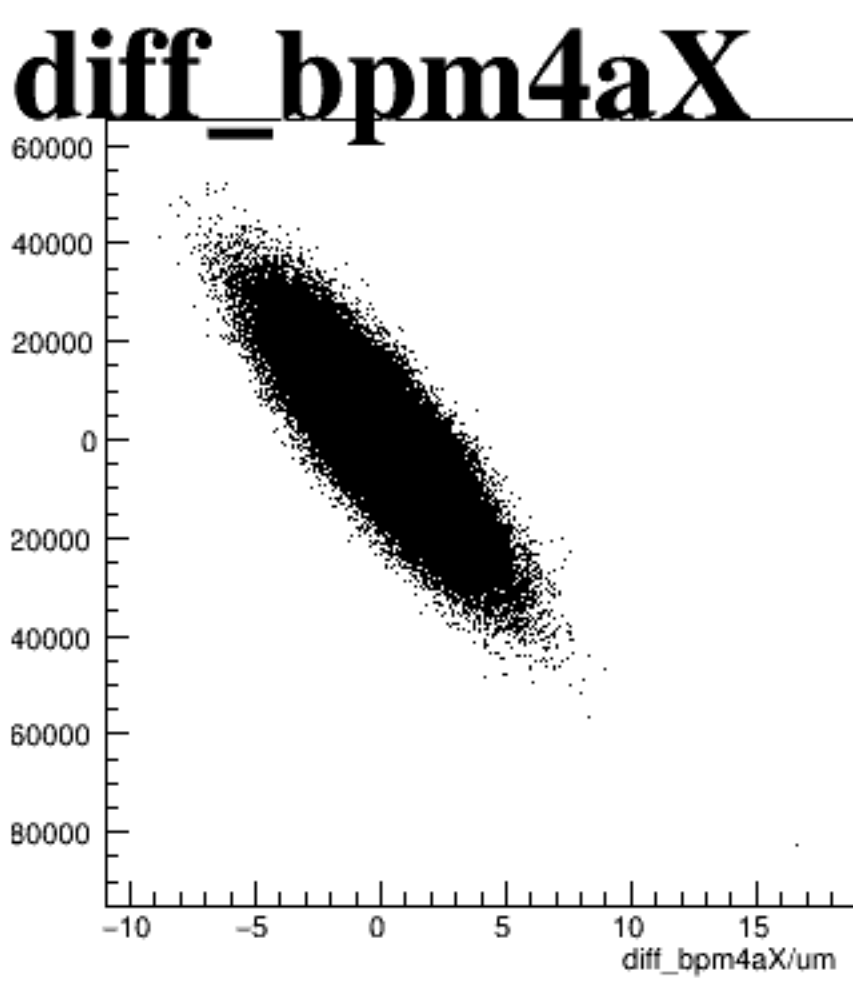
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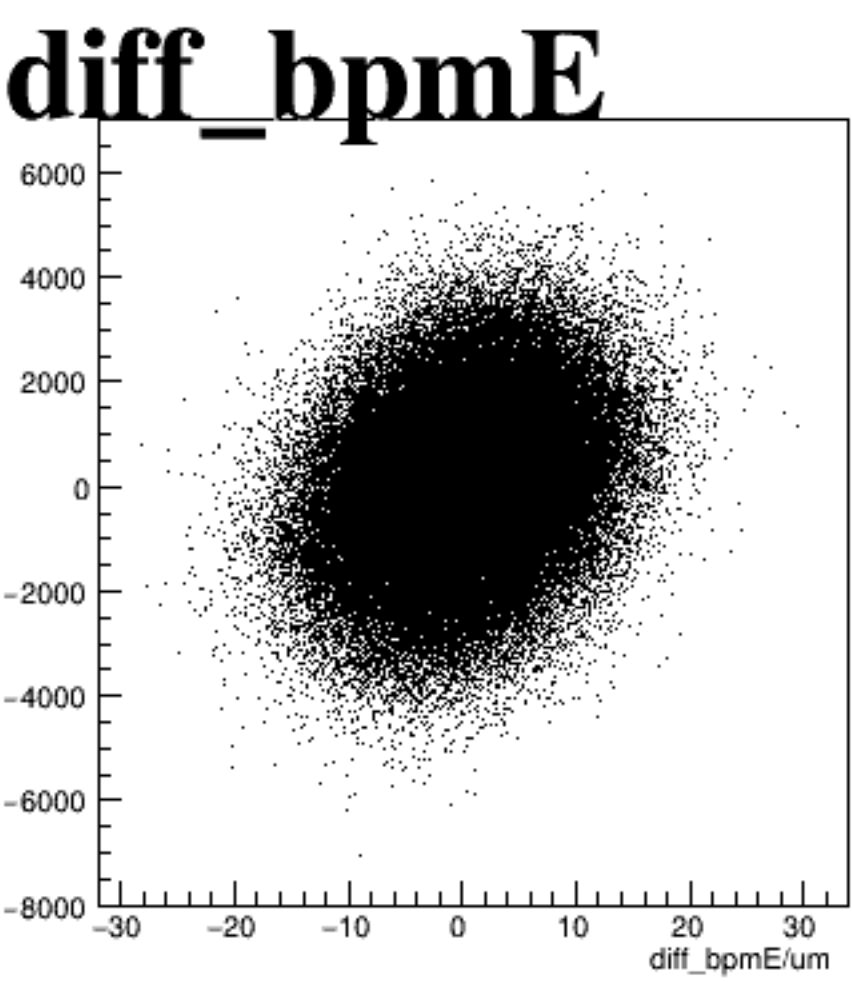
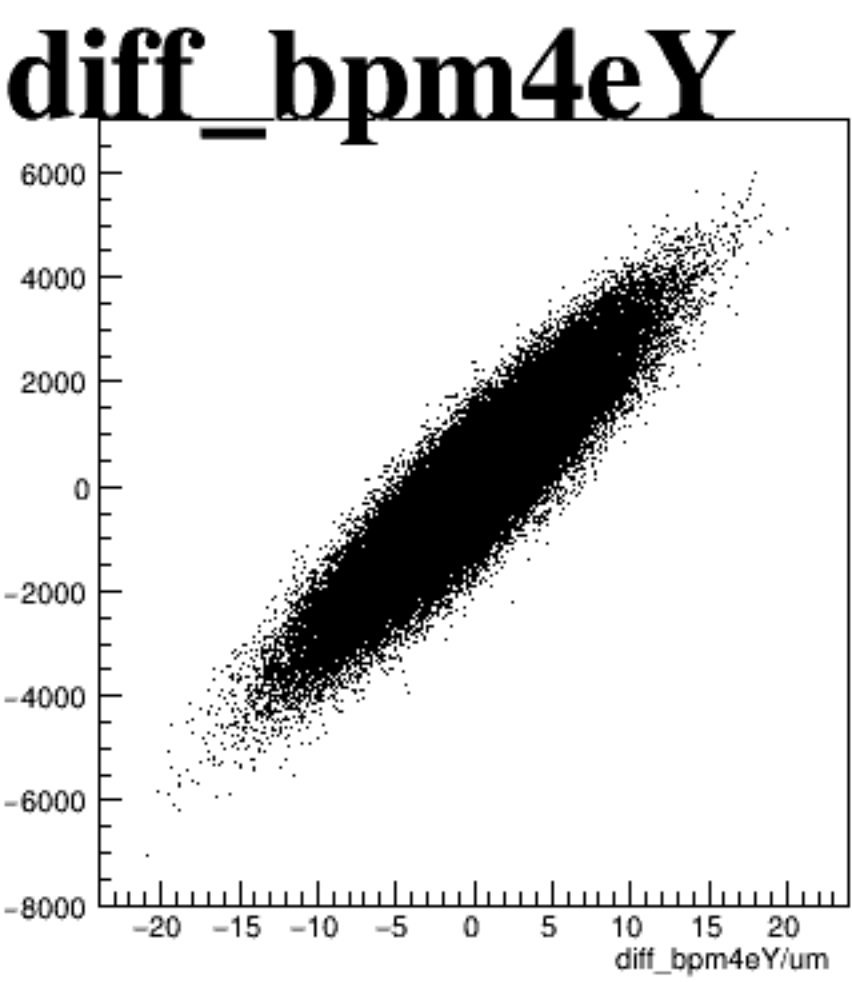
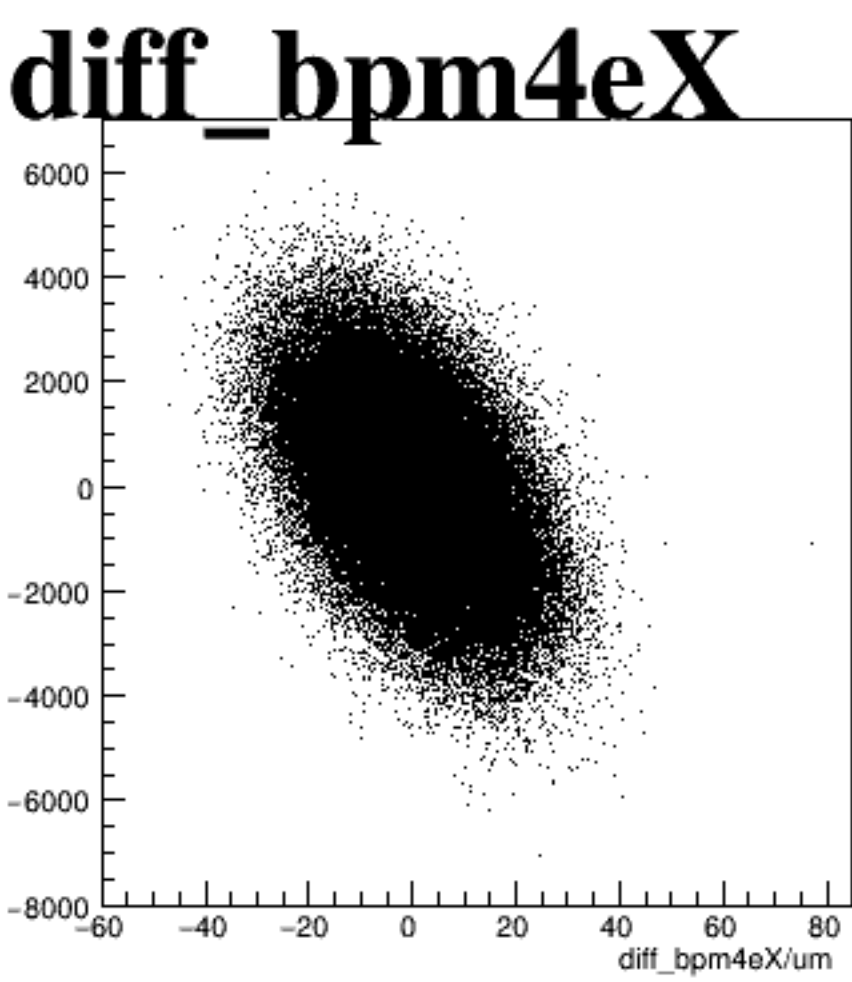
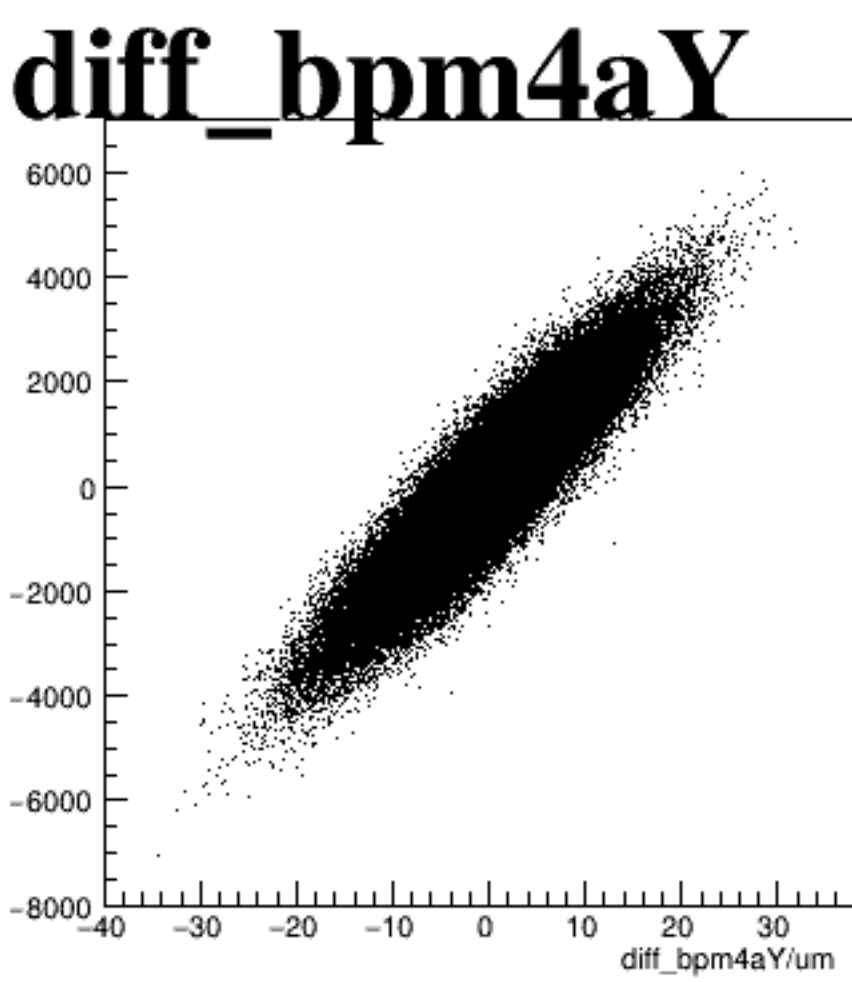
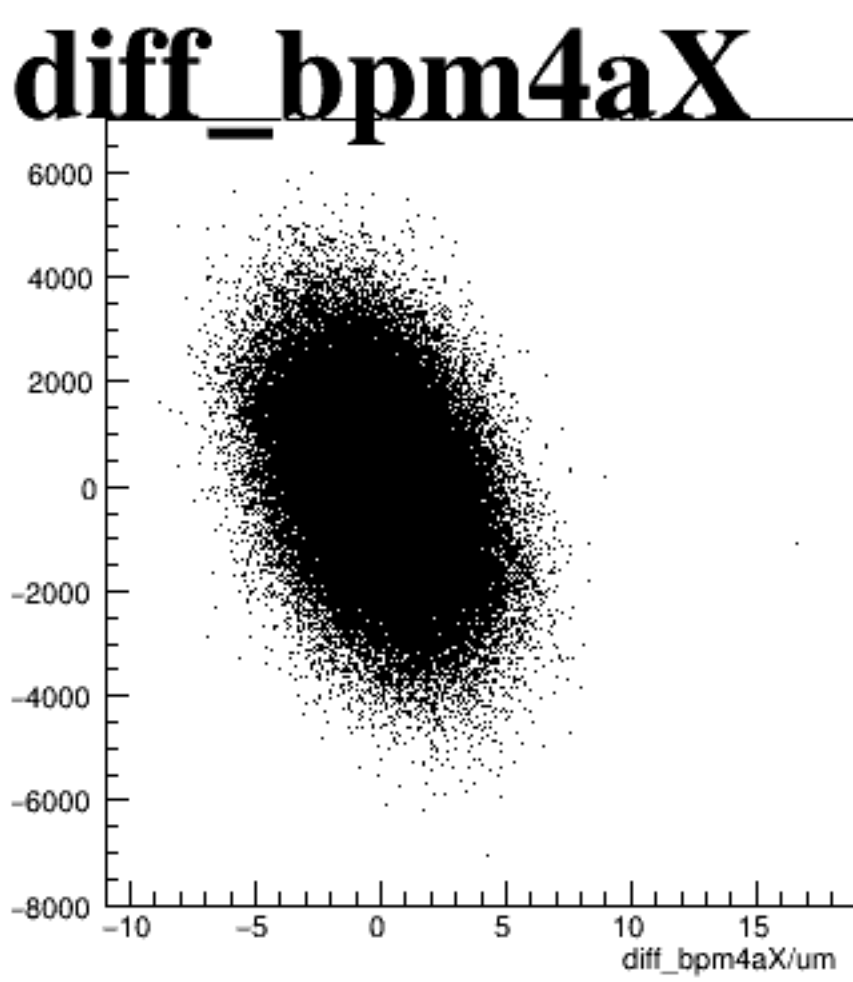
asym_sam1



asym_sam3



asym_sam5



asym_sam7

