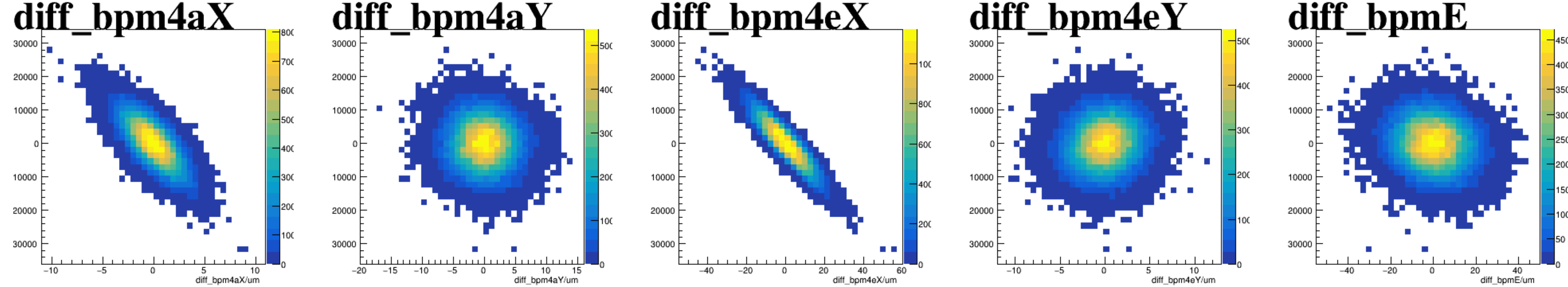
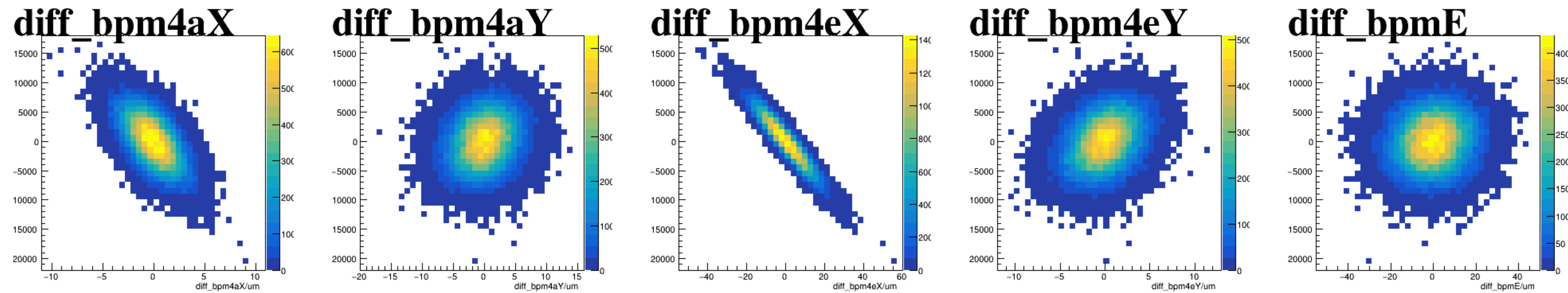


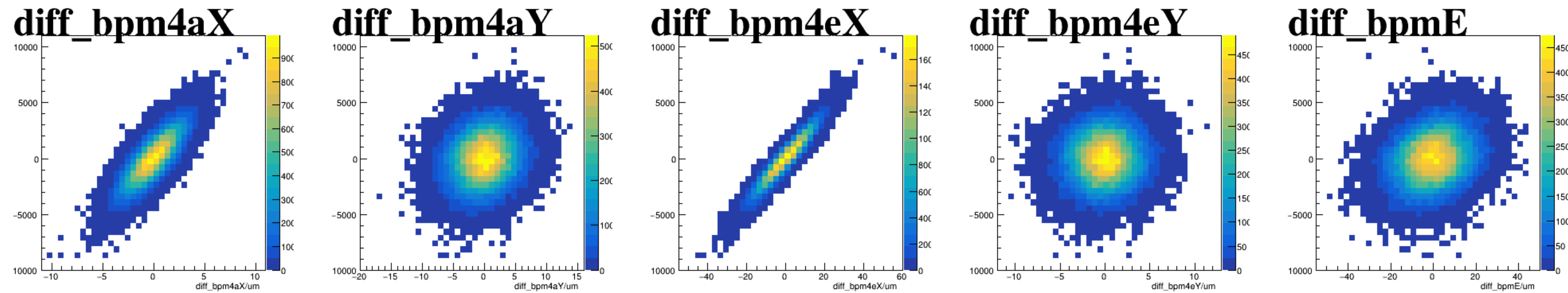
asym_sam2



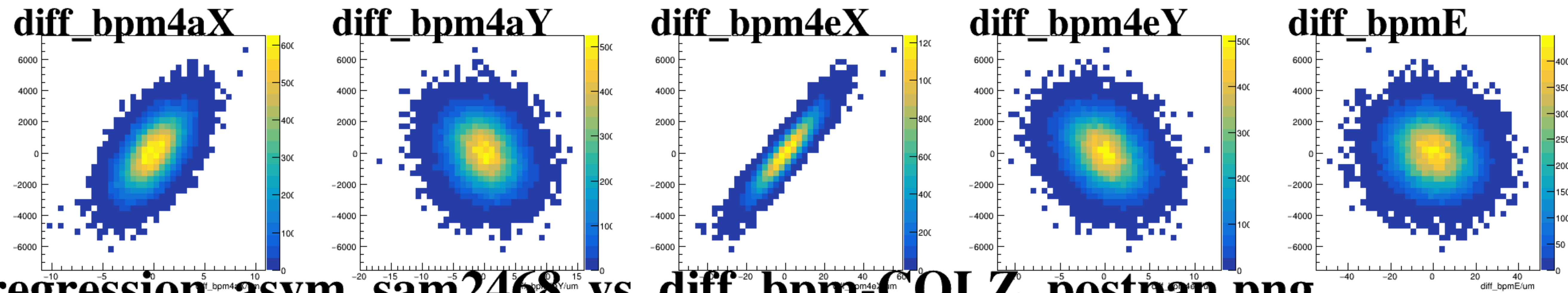
asym_sam4



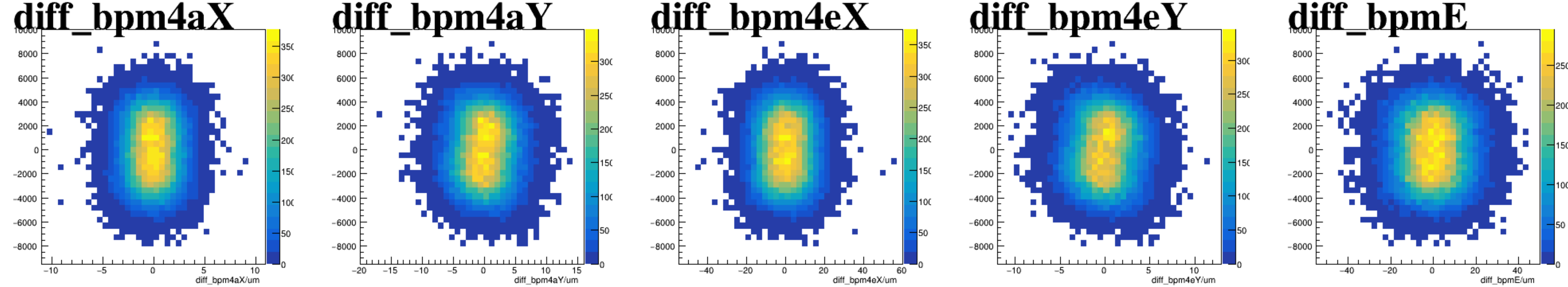
asym_sam6



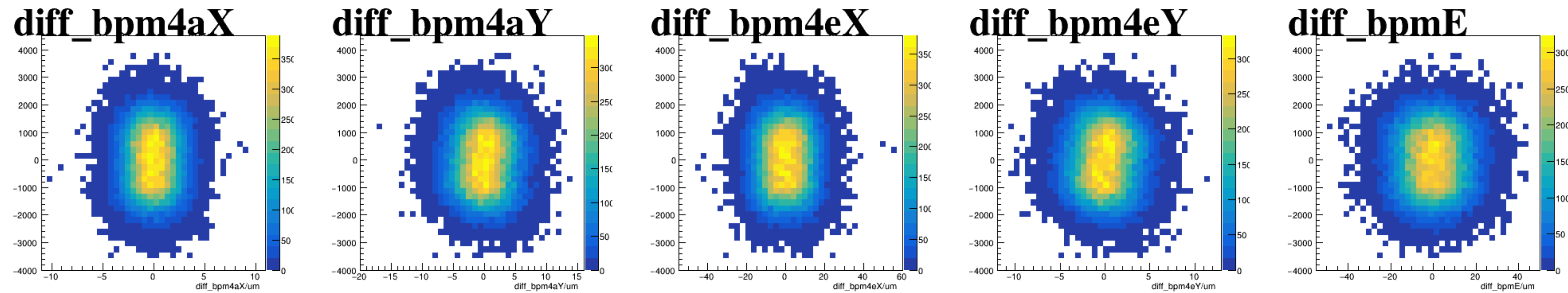
asym_sam8



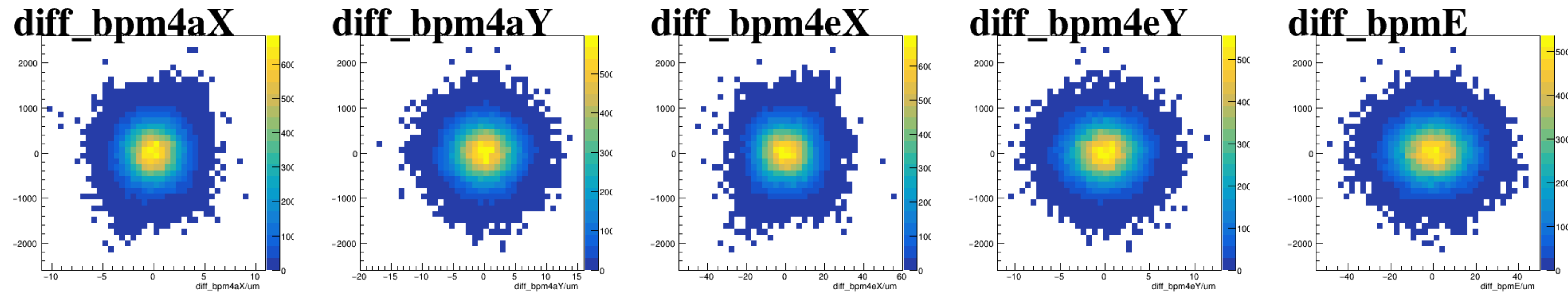
reg_asym_sam2



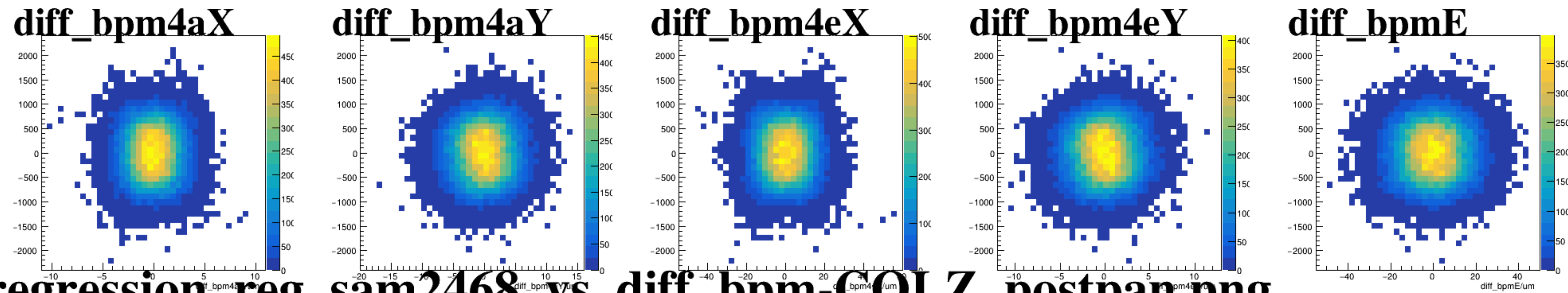
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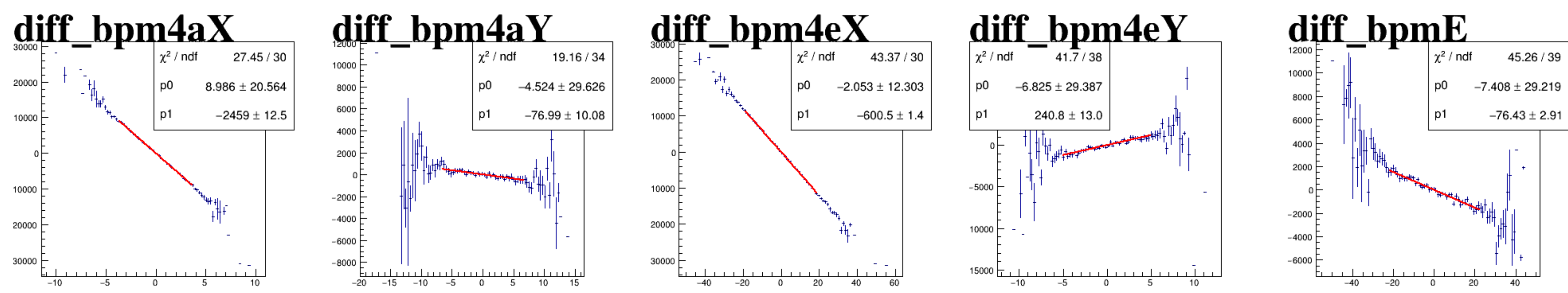
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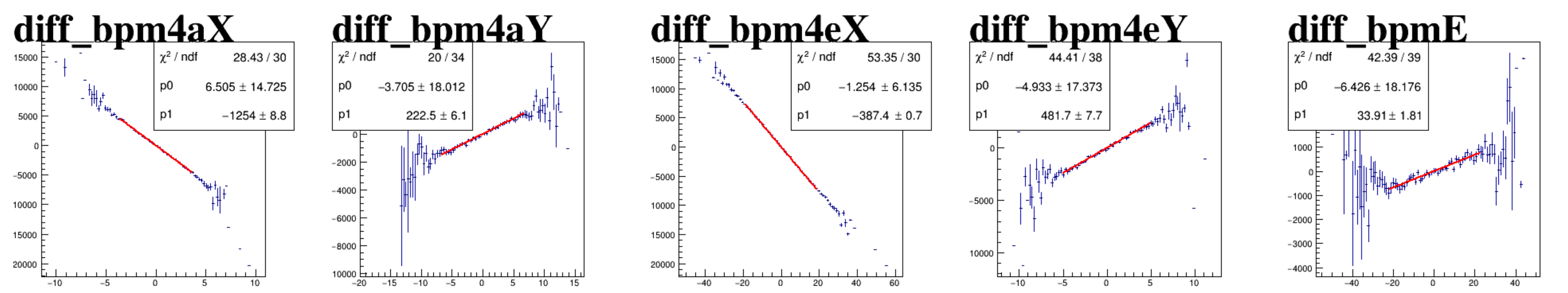
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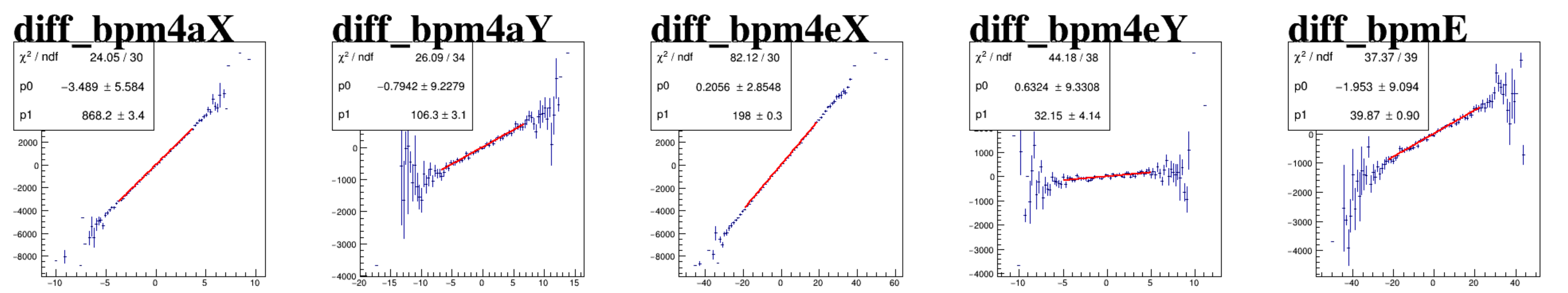
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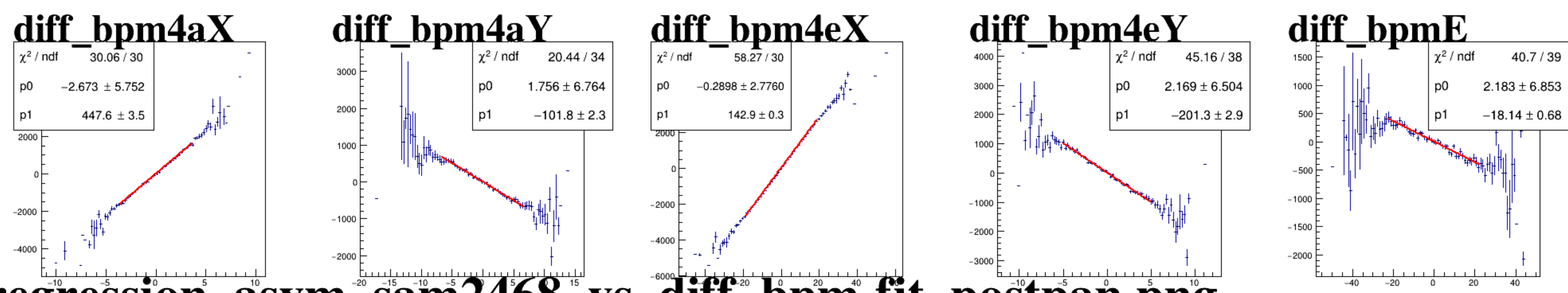
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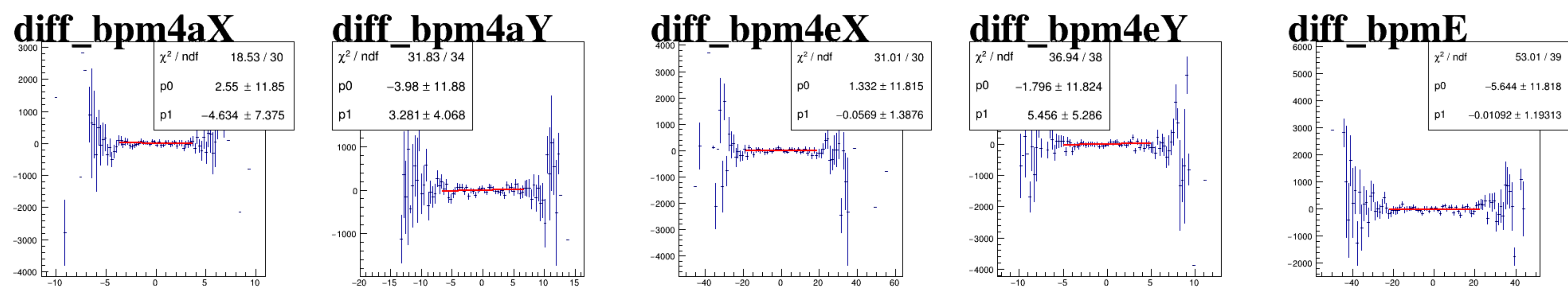
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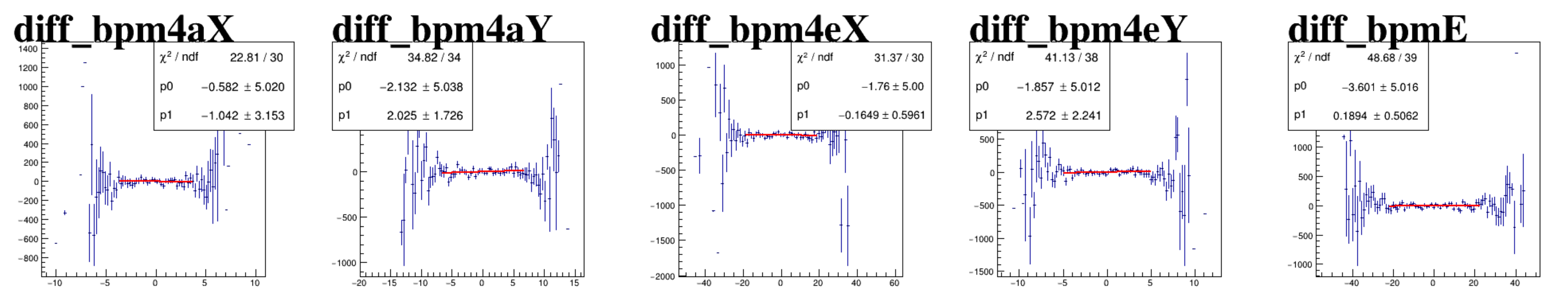
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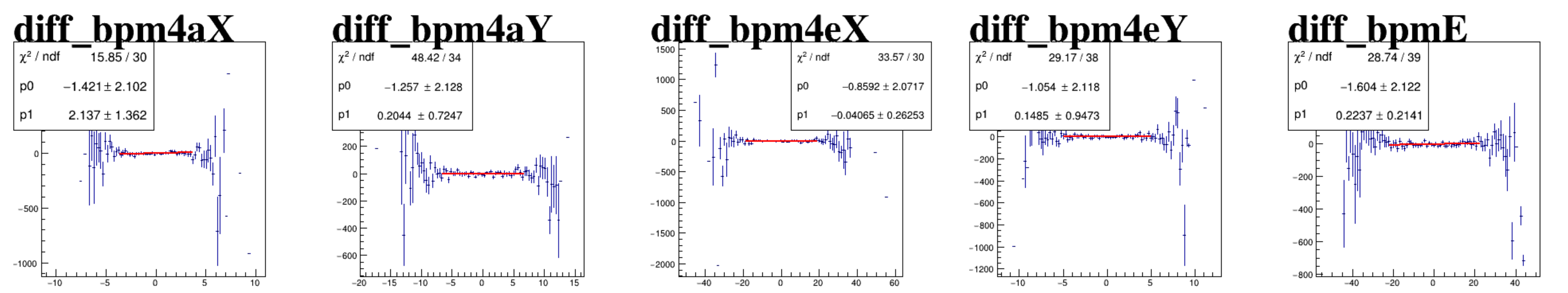
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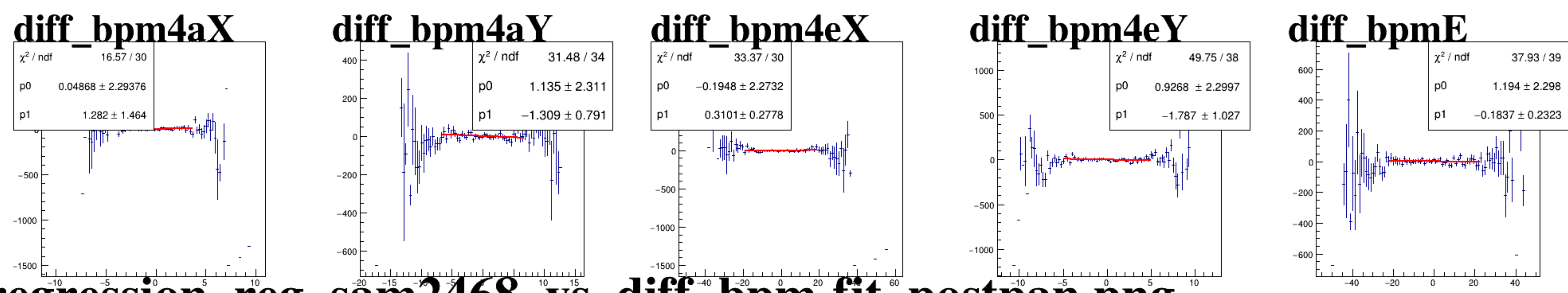
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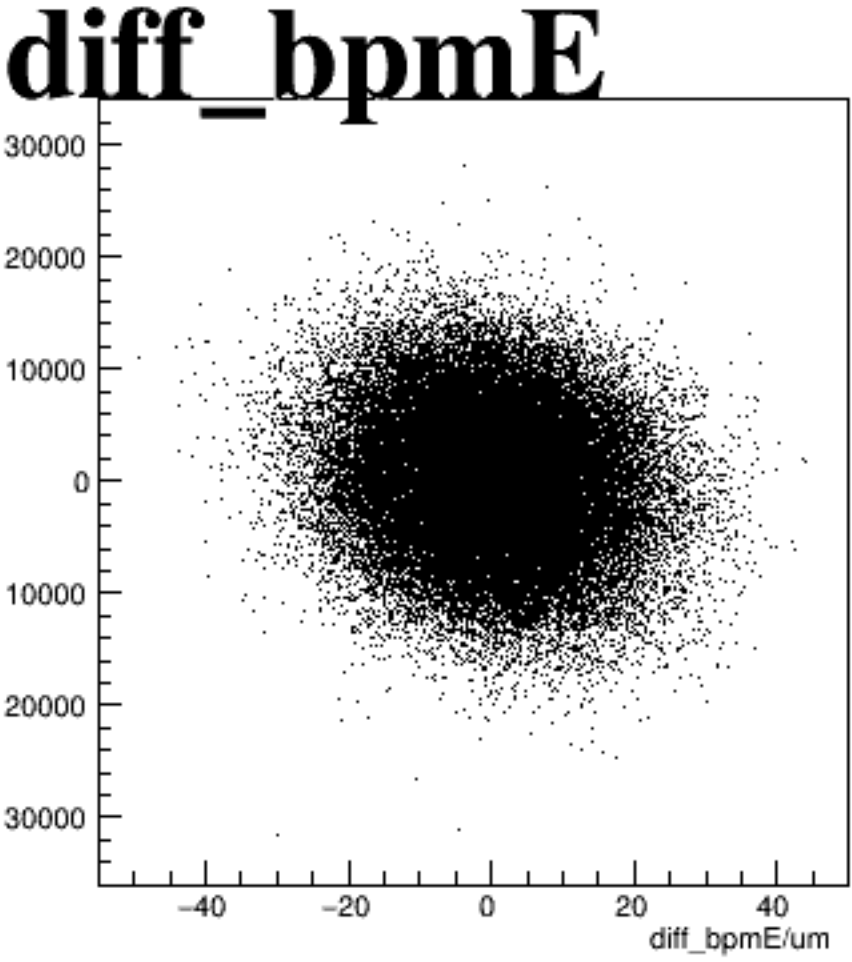
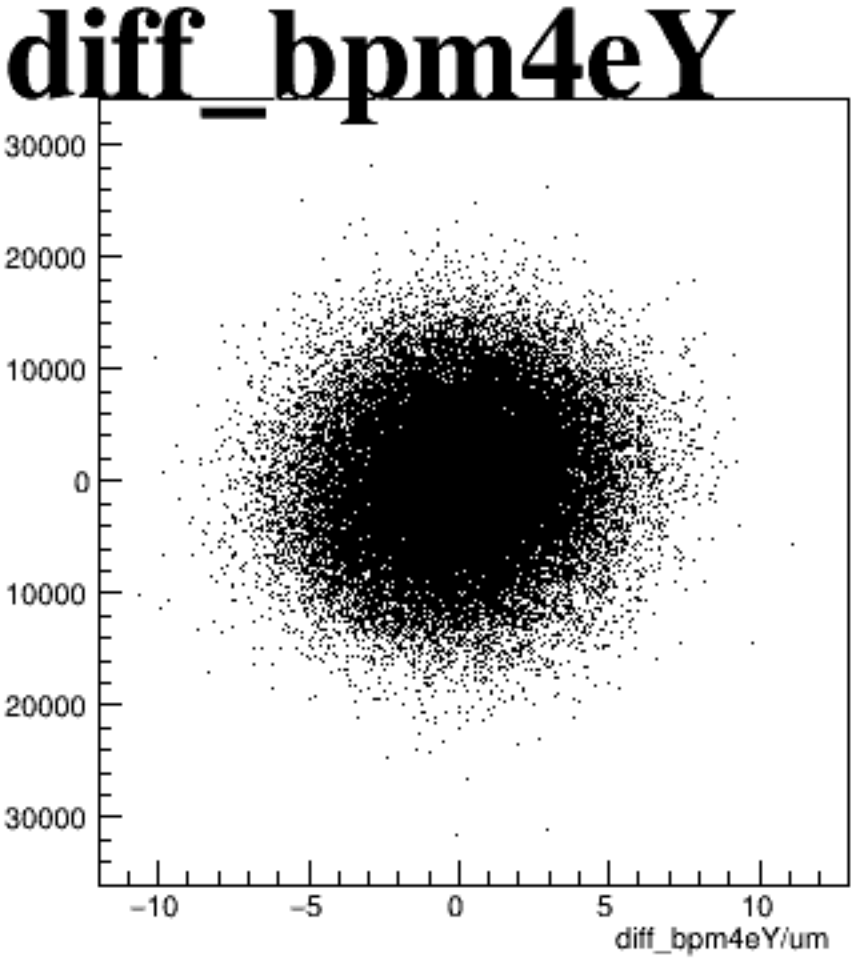
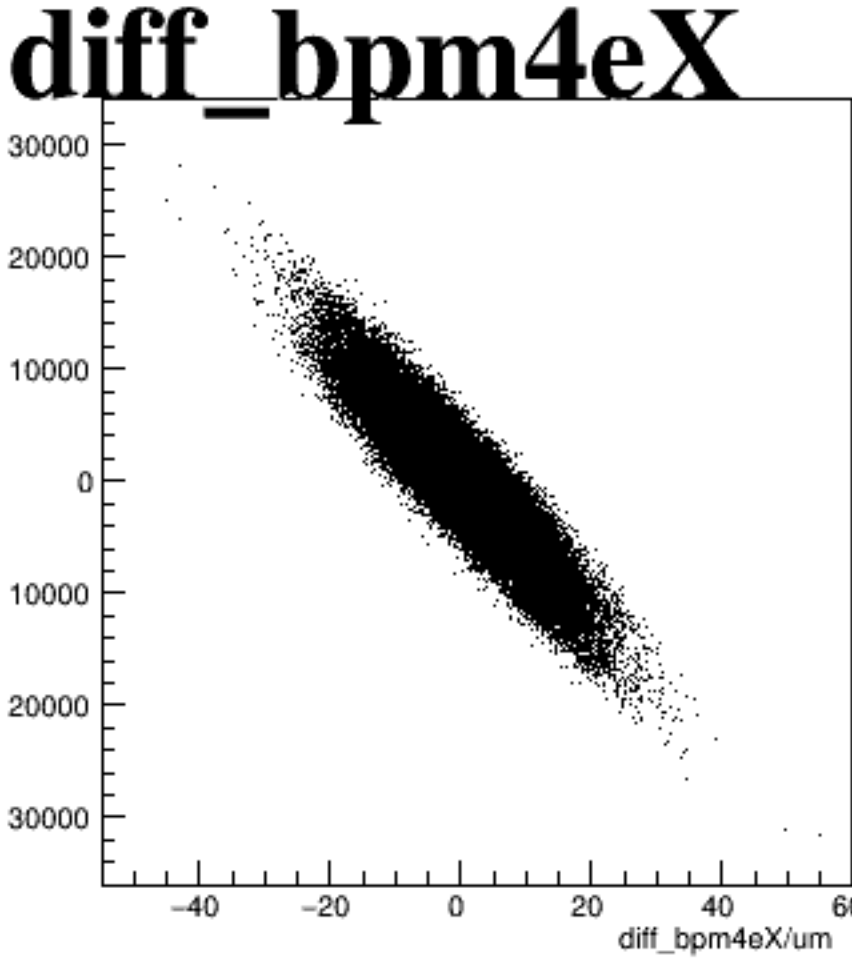
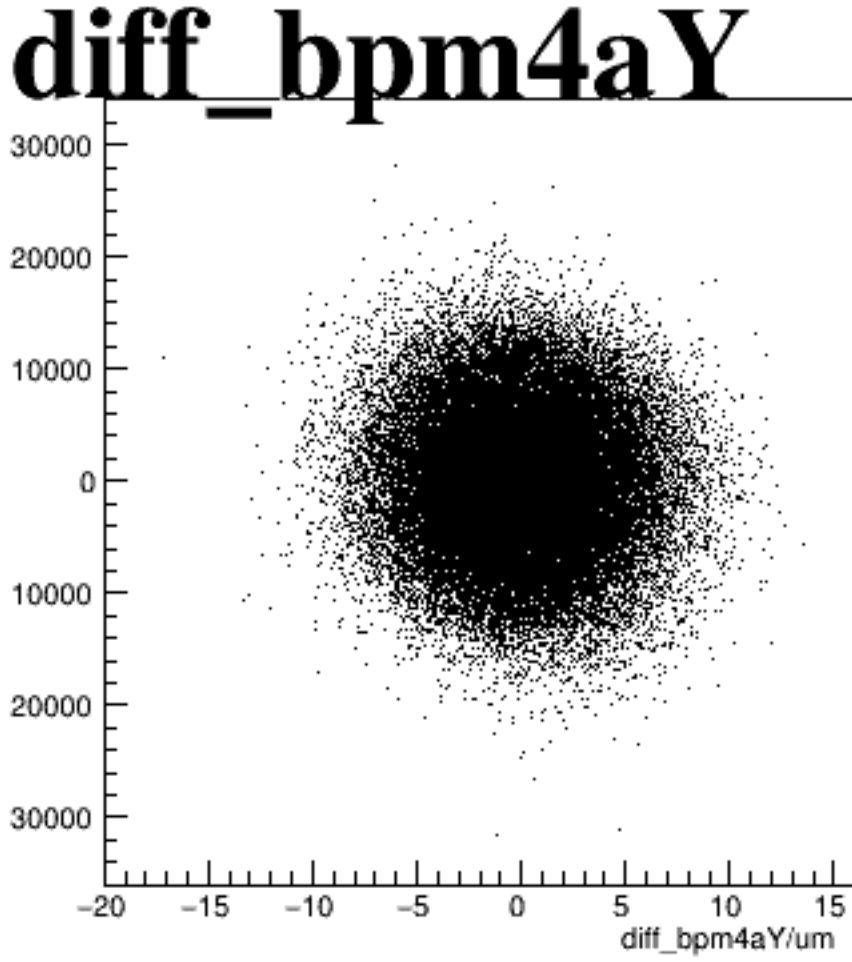
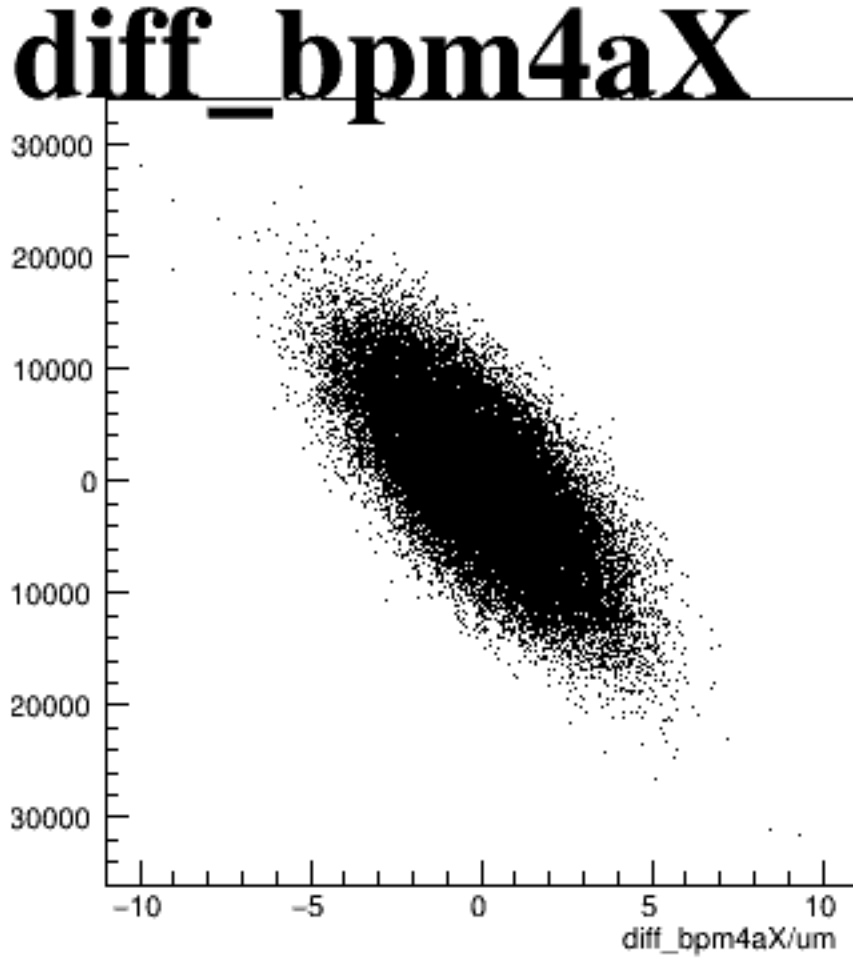
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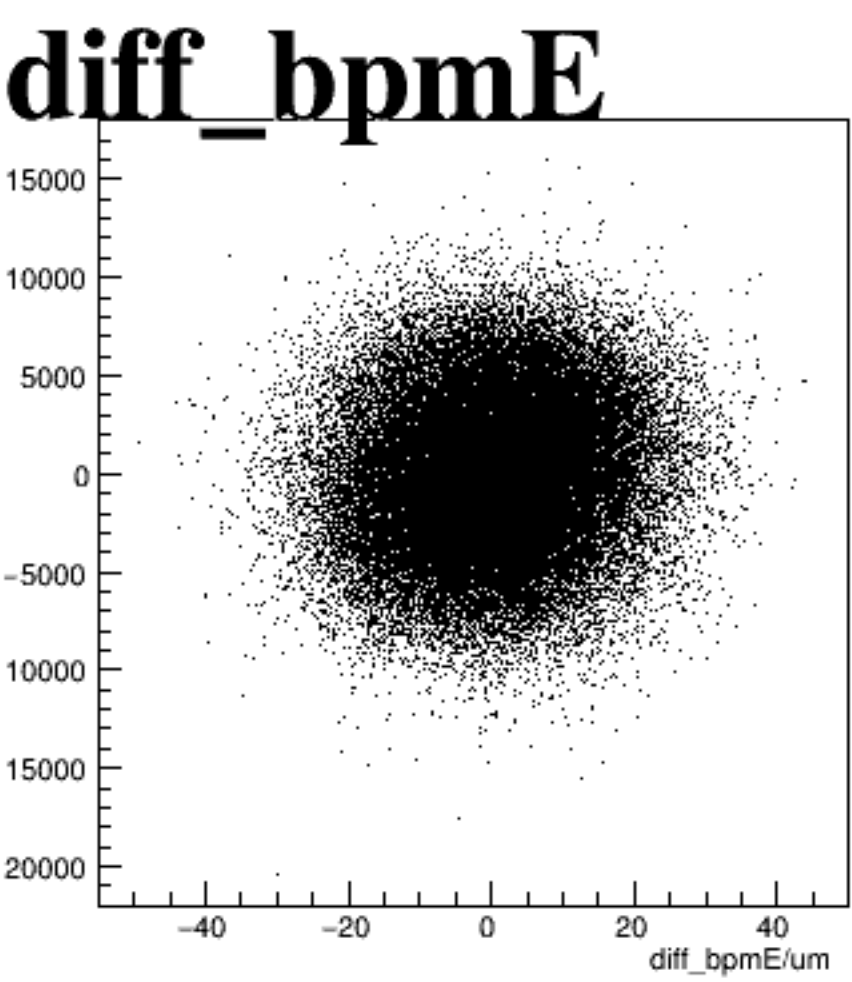
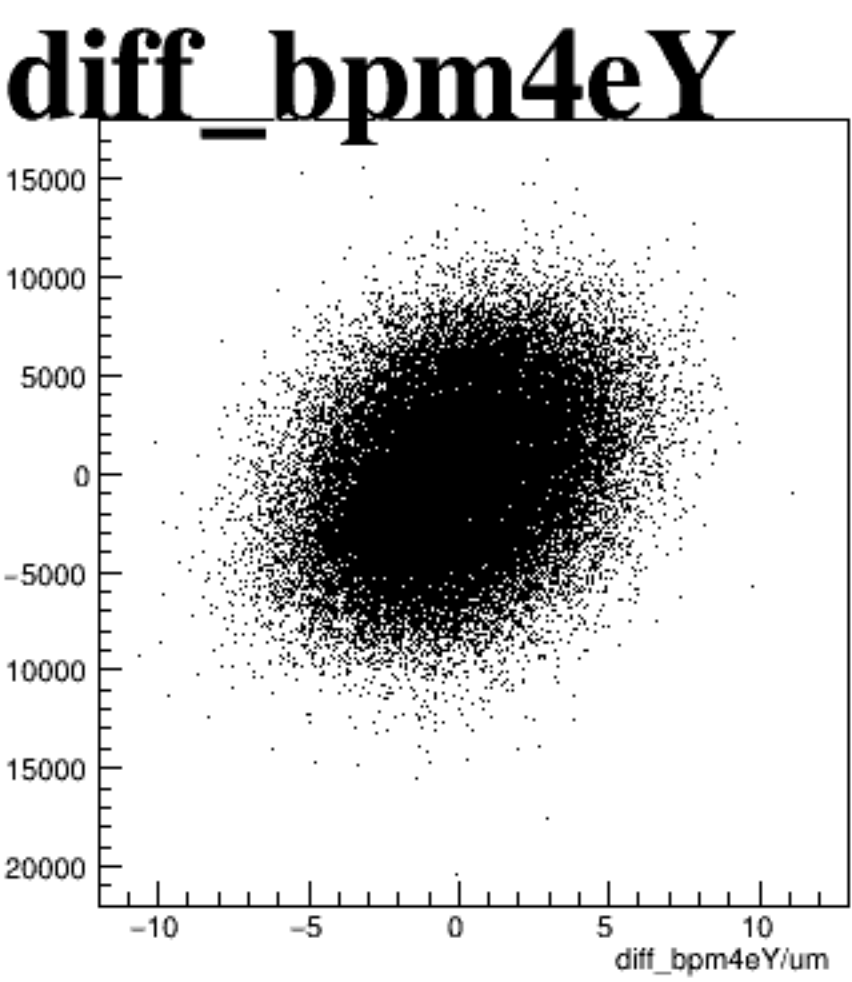
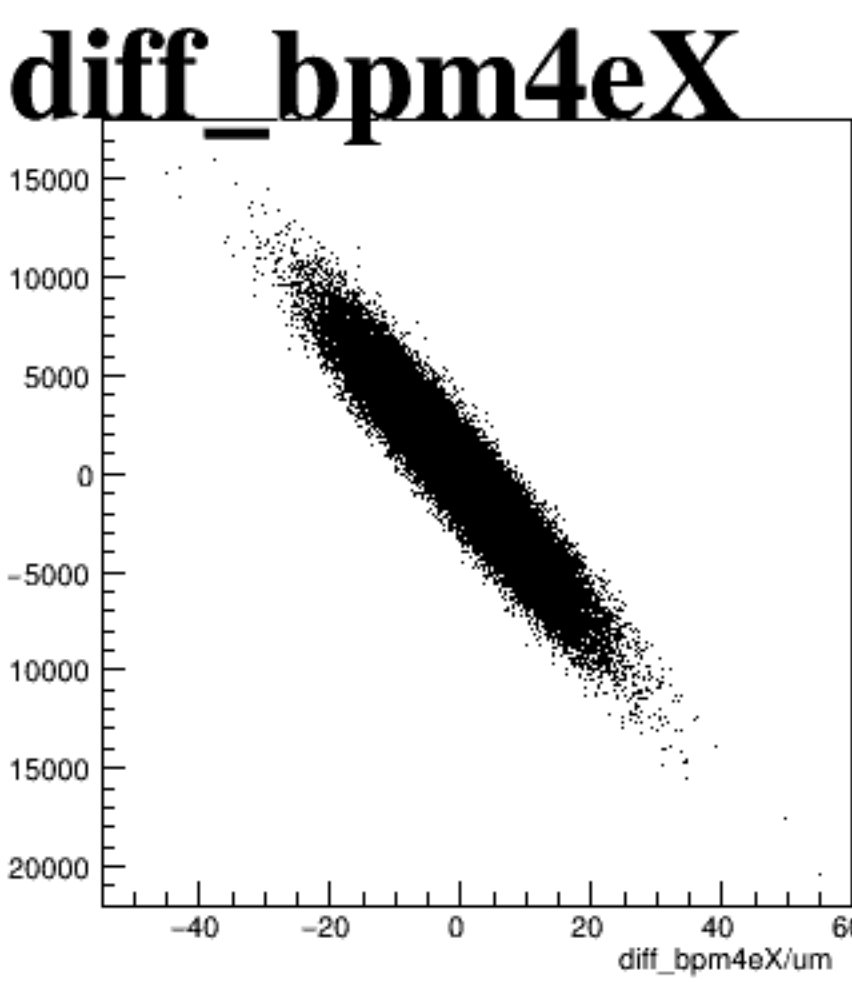
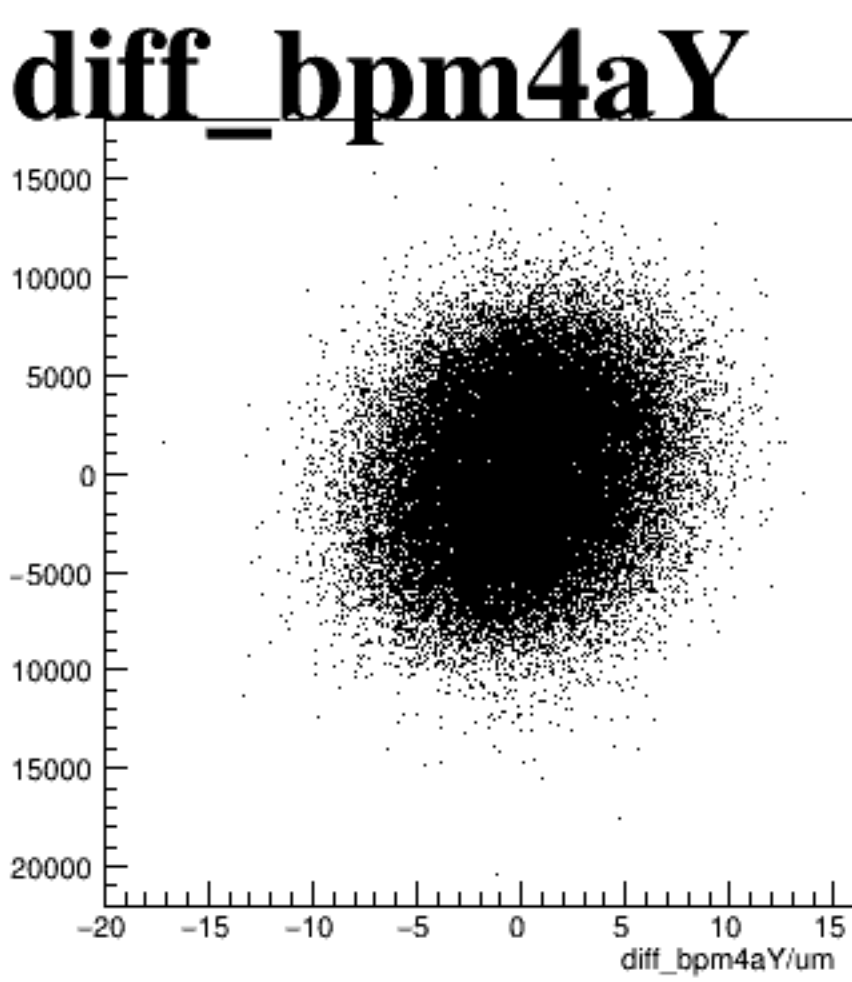
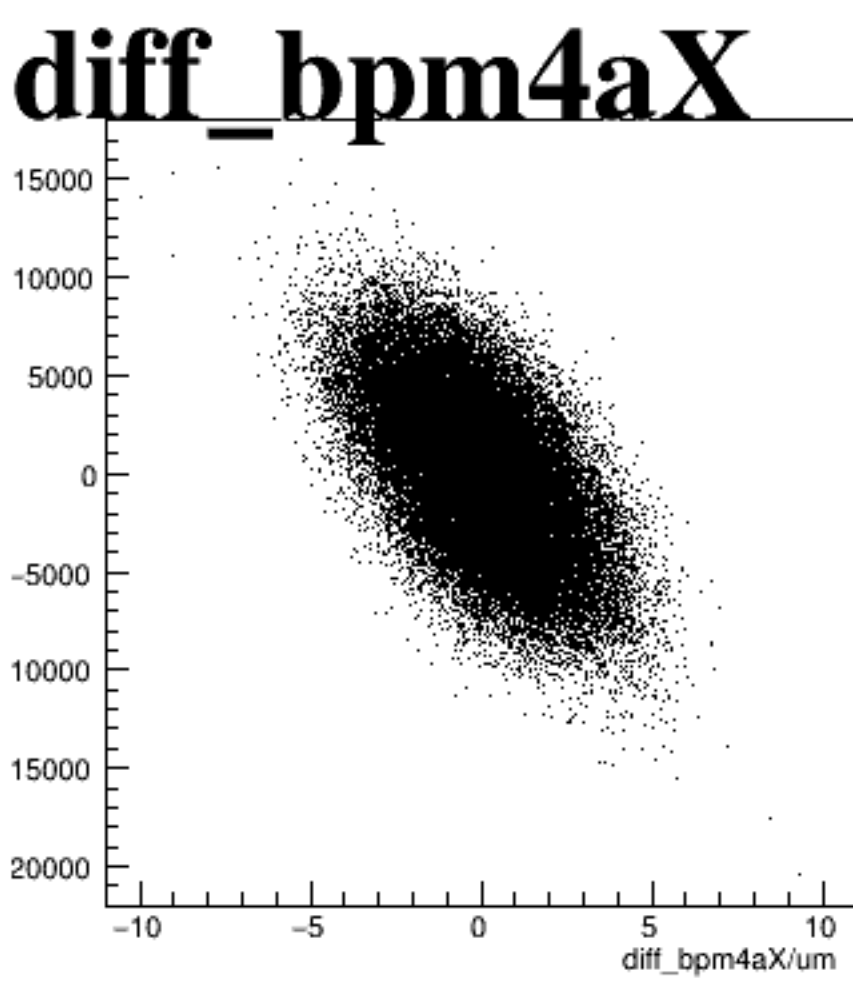
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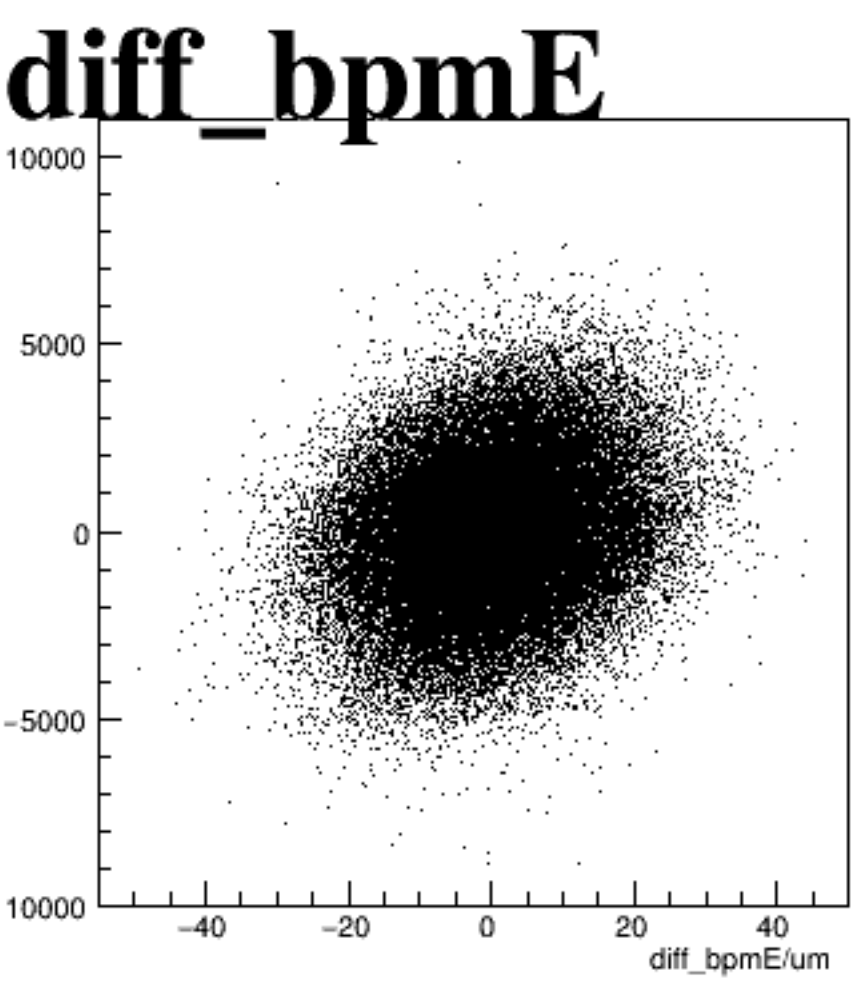
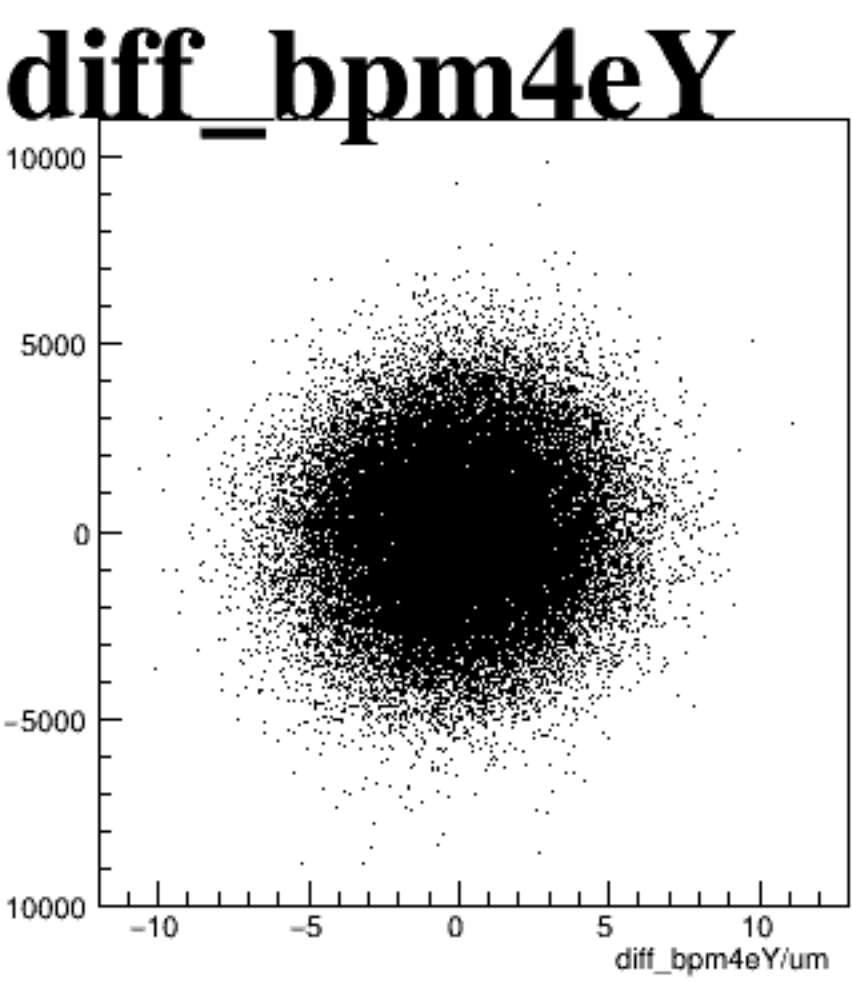
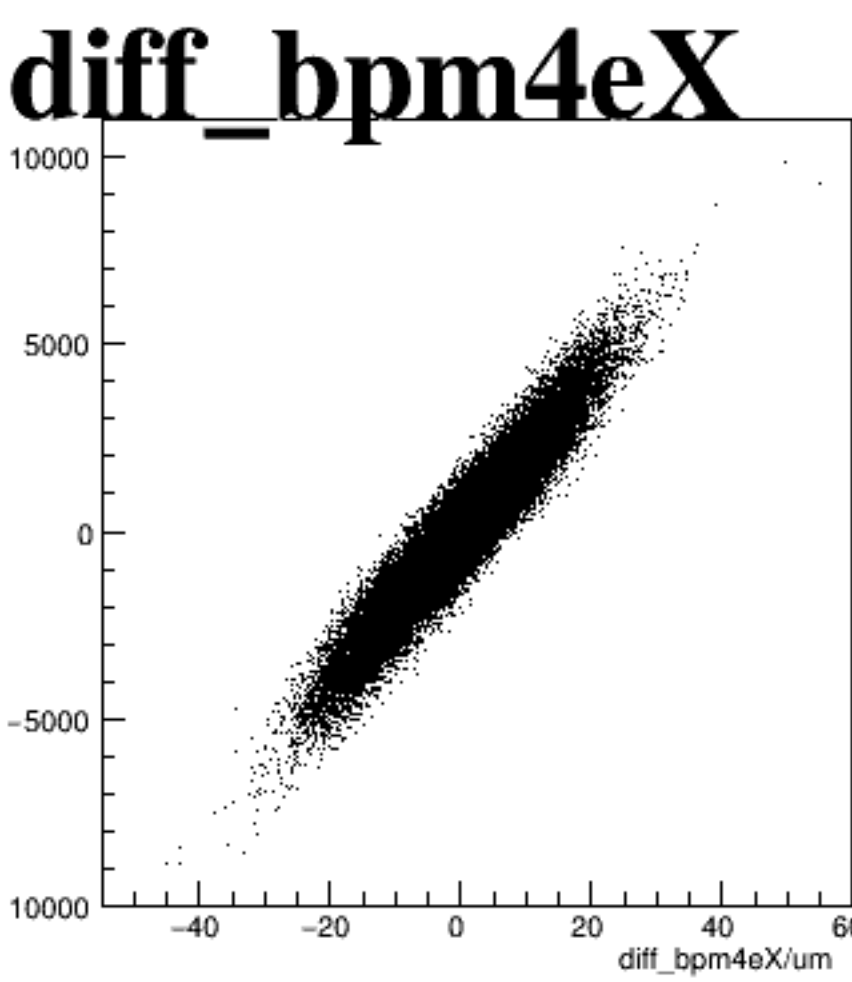
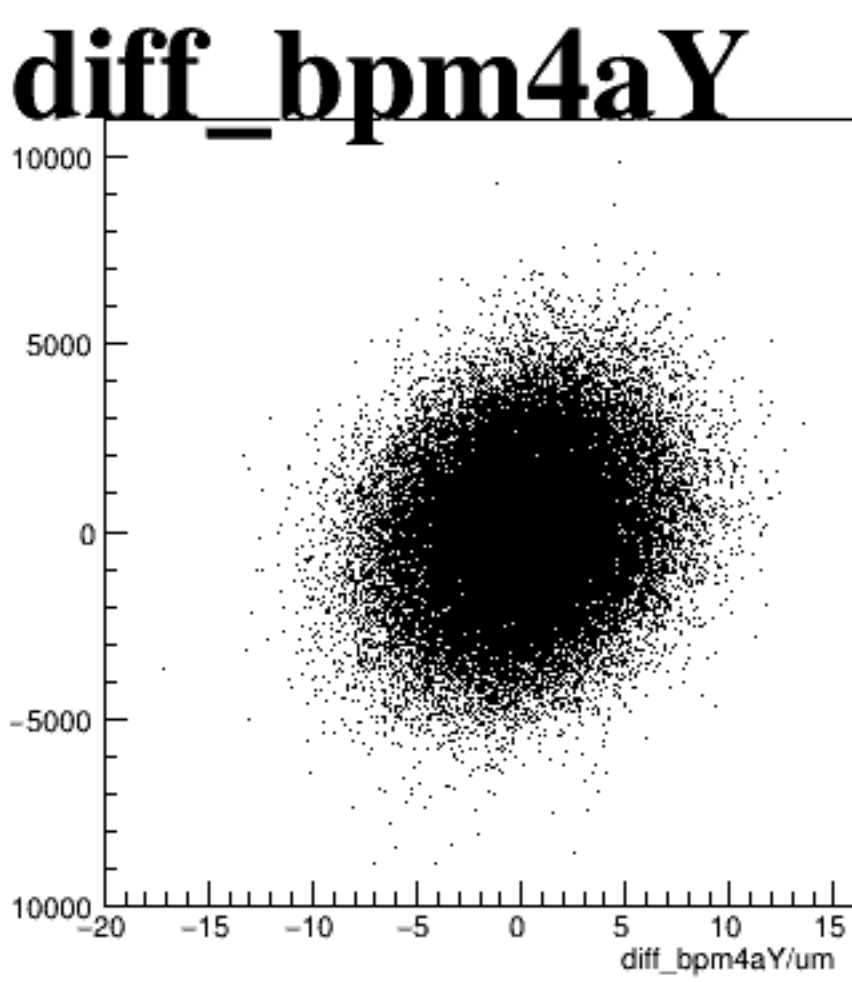
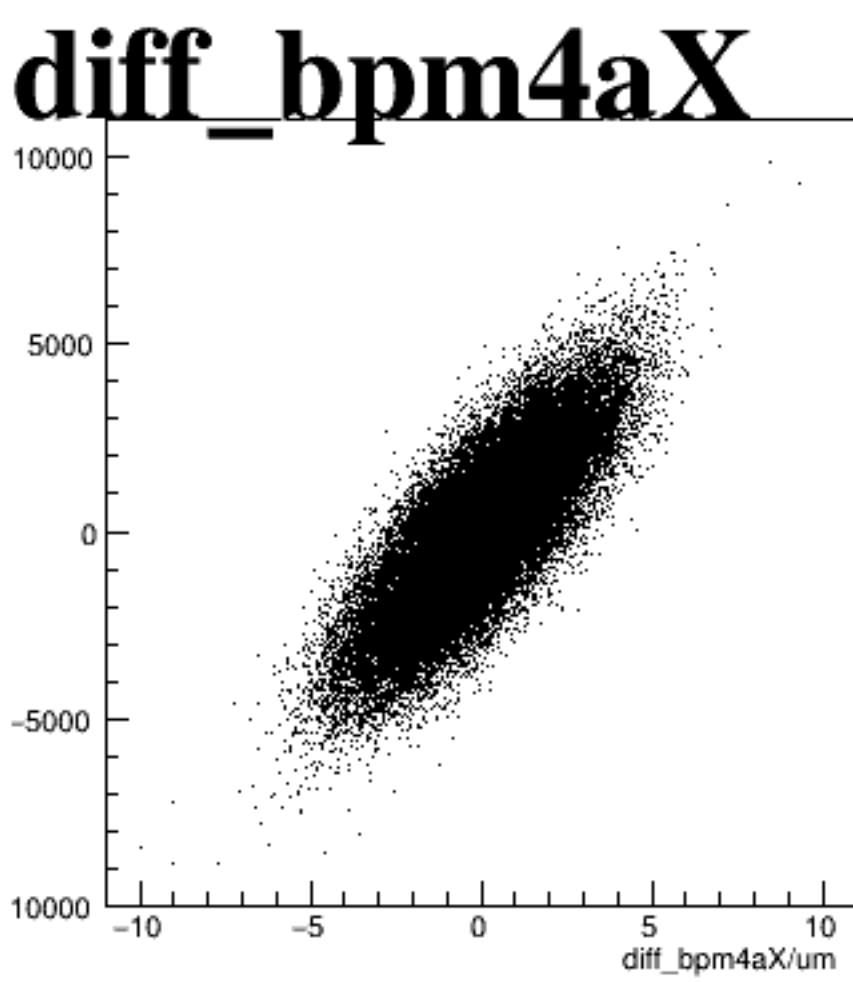
asym_sam2



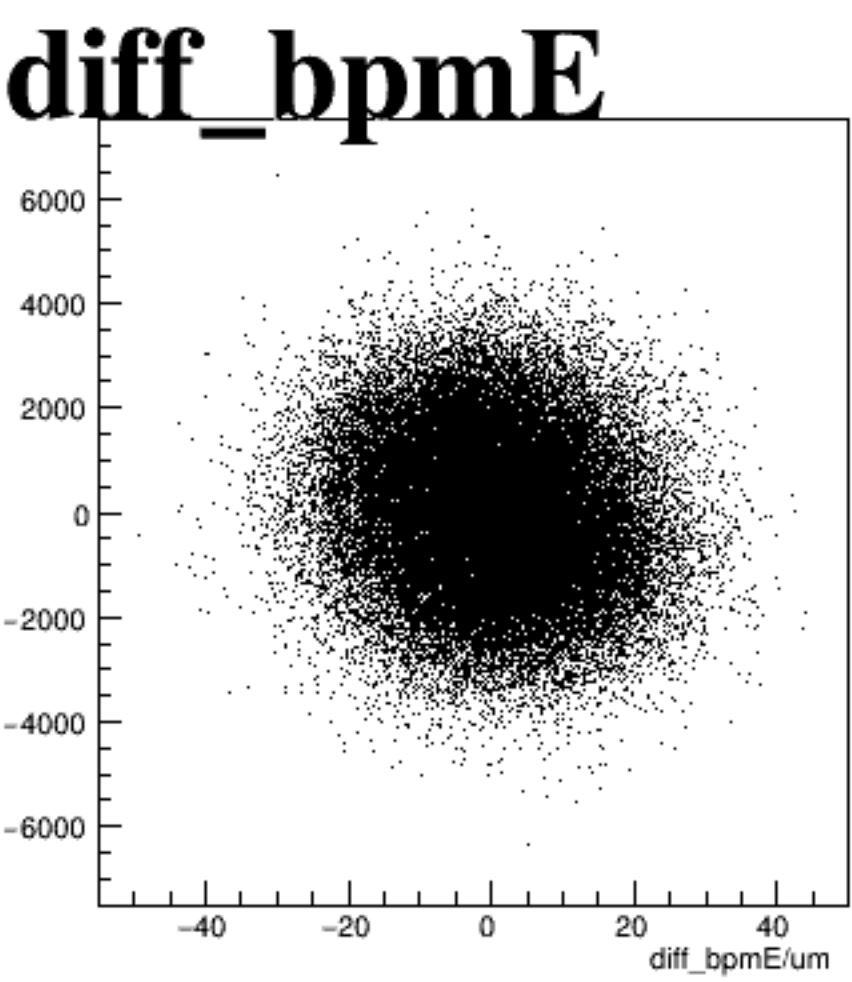
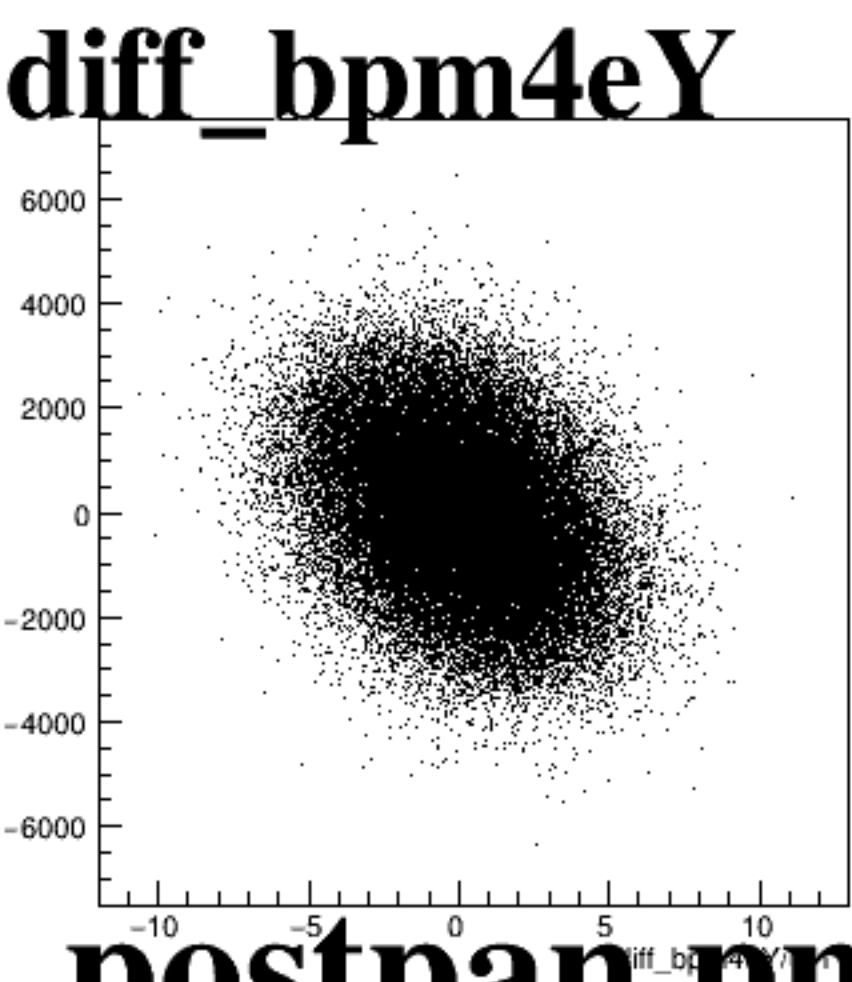
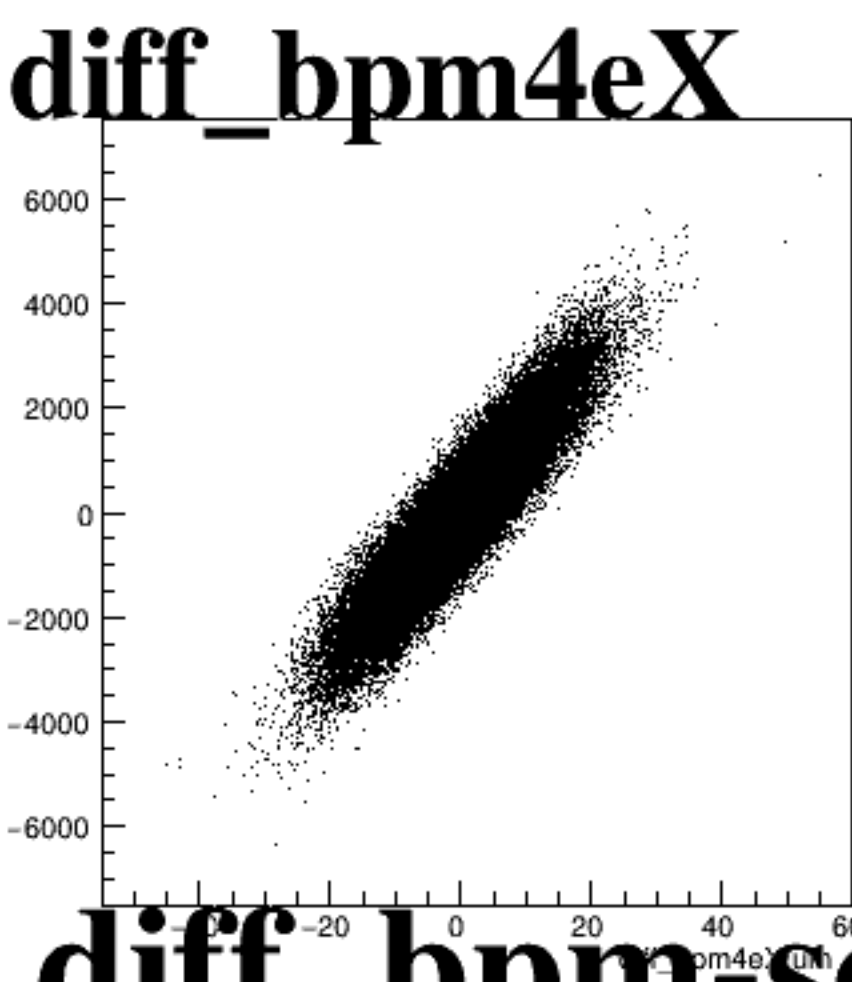
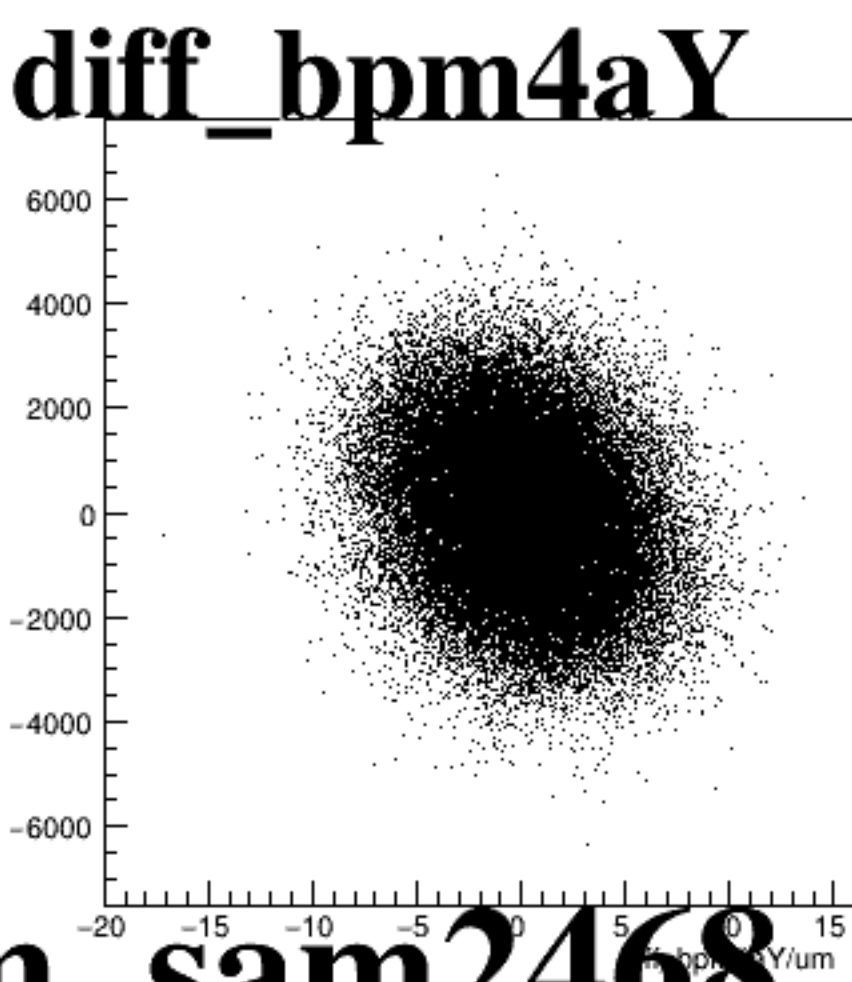
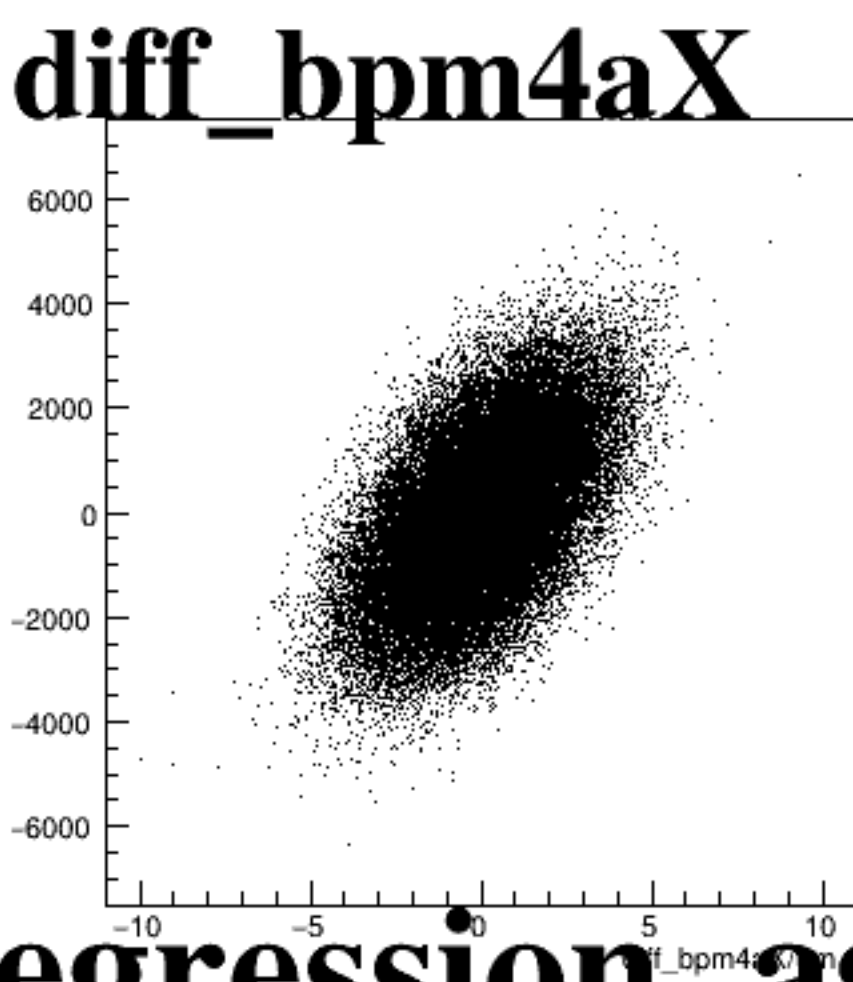
asym_sam4



asym_sam6



asym_sam8

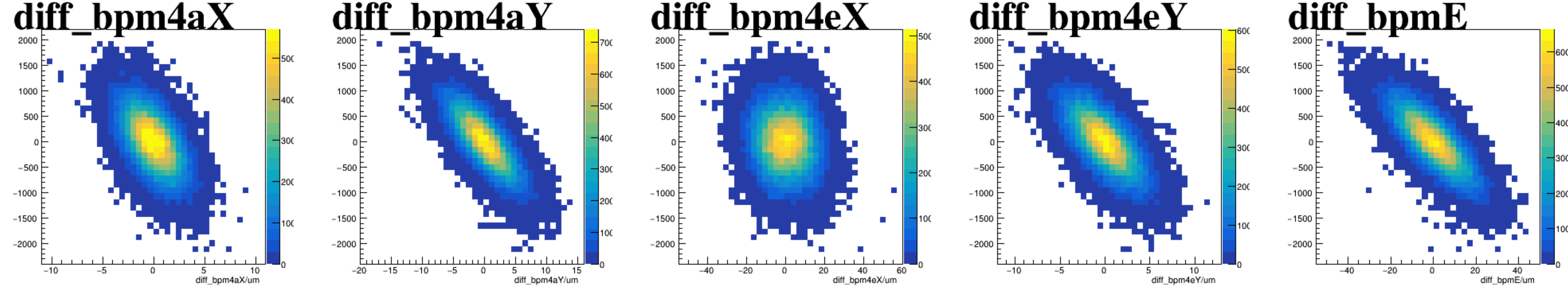


The figure consists of five scatter plots arranged horizontally, each showing the distribution of diffraction orders for a specific beam parameter. The plots are titled as follows:

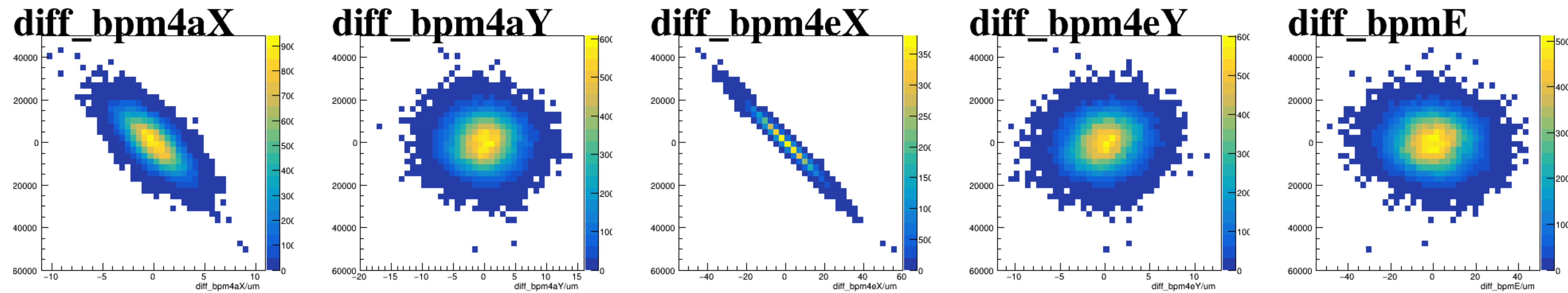
- diff_bpm4aX**: The x-axis is labeled `diff_bpm4aX/um` and ranges from -10 to 10. The y-axis ranges from -8000 to 10000.
- diff_bpm4aY**: The x-axis is labeled `diff_bpm4aY/um` and ranges from -20 to 15. The y-axis ranges from -8000 to 10000.
- diff_bpm4eX**: The x-axis is labeled `diff_bpm4eX/um` and ranges from -40 to 60. The y-axis ranges from -8000 to 10000.
- diff_bpm4eY**: The x-axis is labeled `diff_bpm4eY/um` and ranges from -10 to 10. The y-axis ranges from -8000 to 10000.
- diff_bpmE**: The x-axis is labeled `diff_bpmE/um` and ranges from -40 to 40. The y-axis ranges from -8000 to 10000.

Each plot displays a dense cloud of points, indicating a high density of diffraction orders. The distributions are roughly elliptical and centered around (0,0).

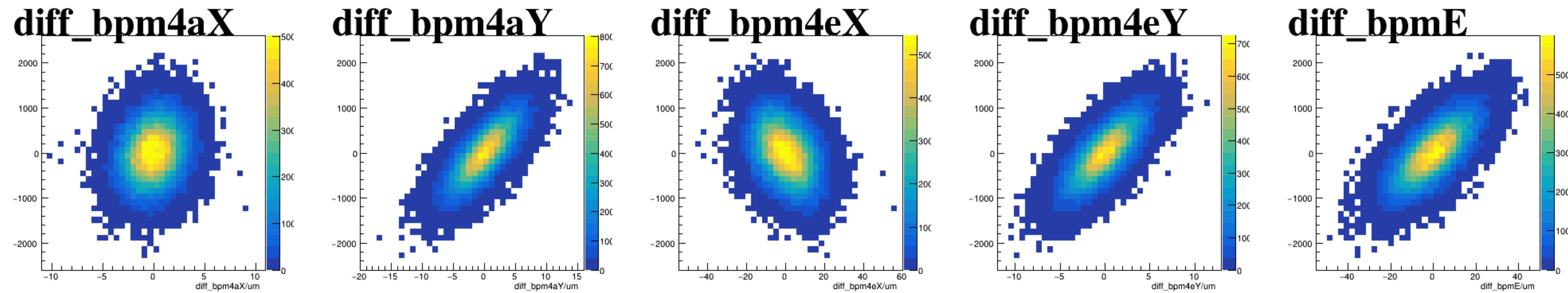
asym_sam1



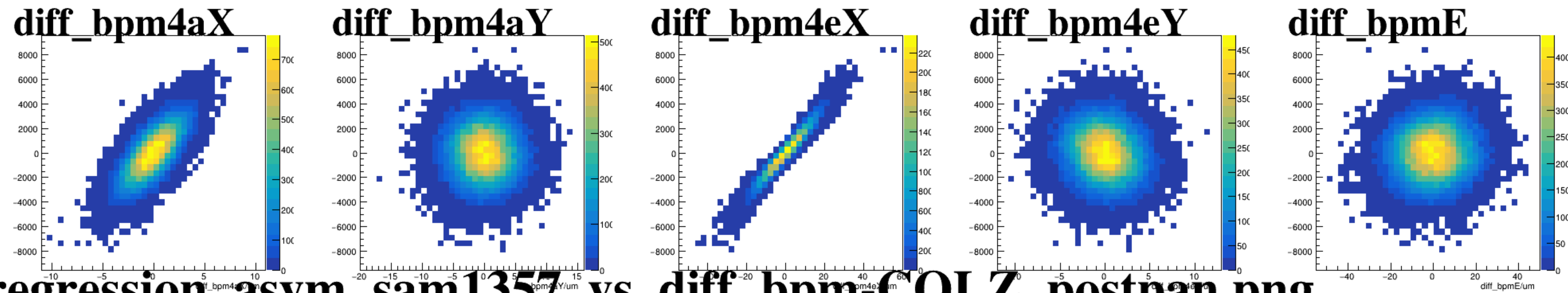
asym_sam3



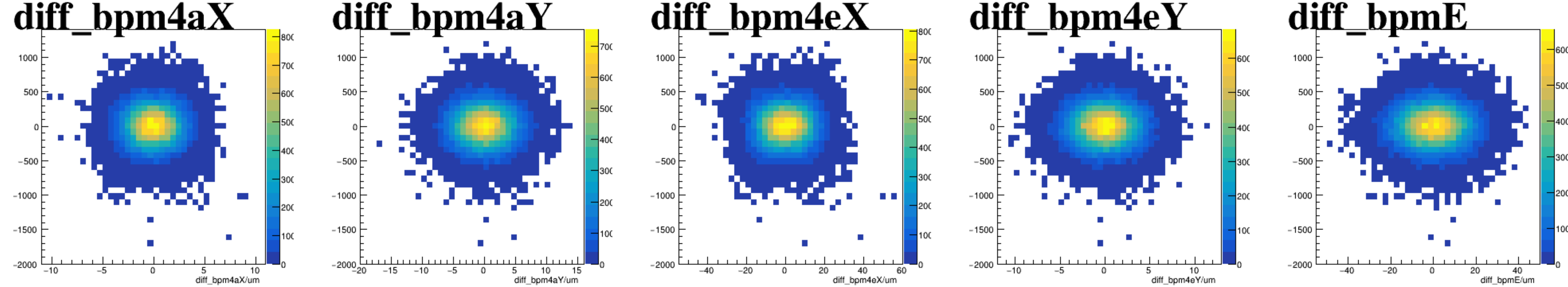
asym_sam5



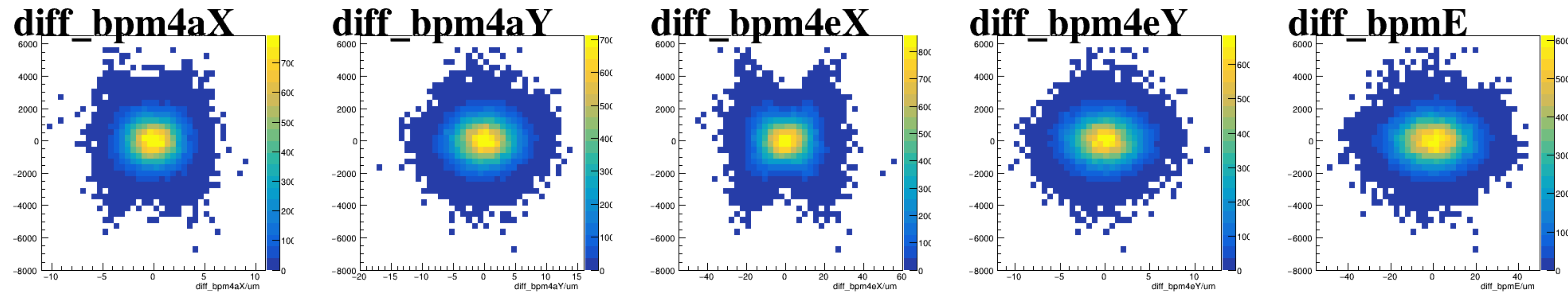
asym_sam7



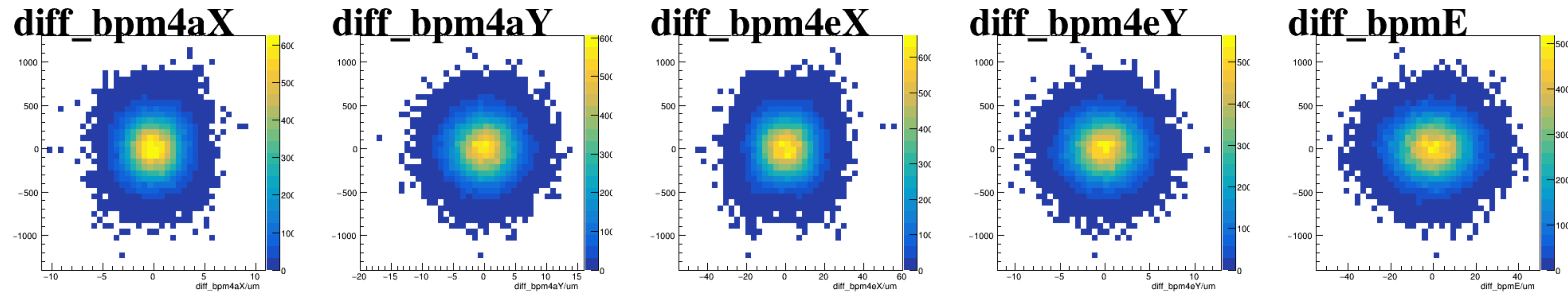
reg_asym_sam1



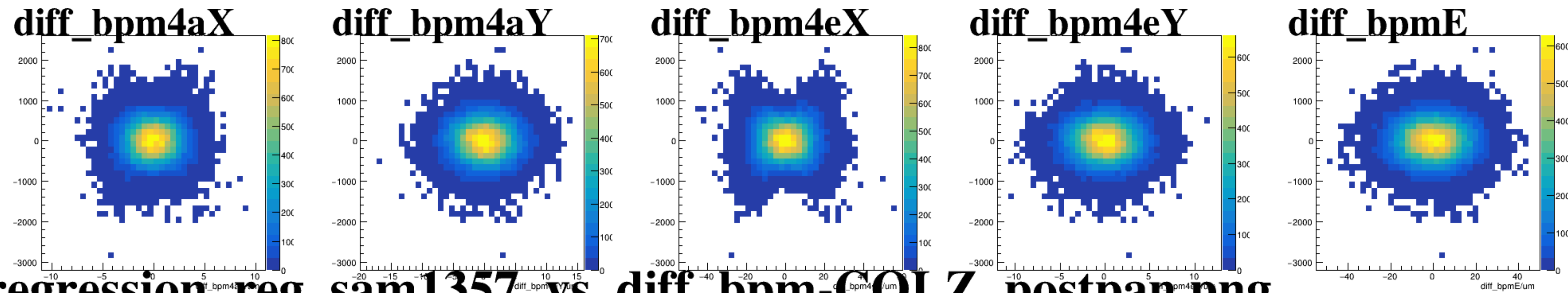
reg_asym_sam3



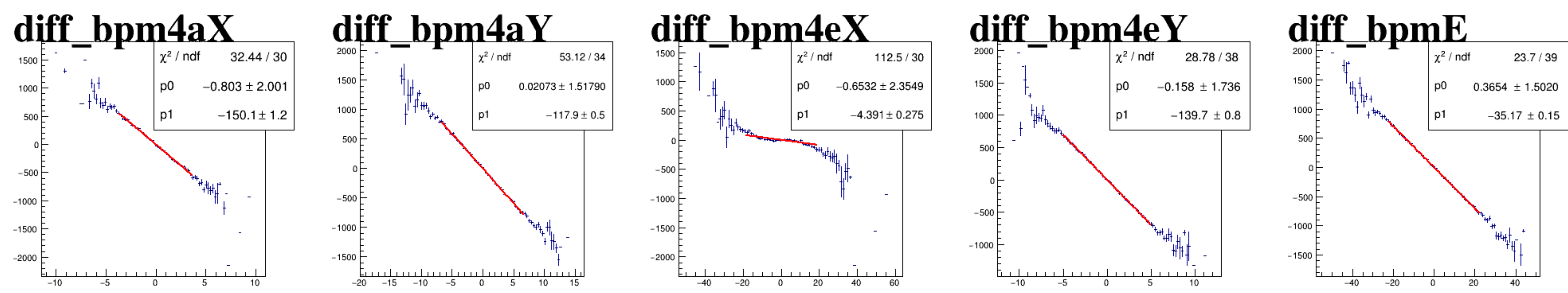
reg_asym_sam5



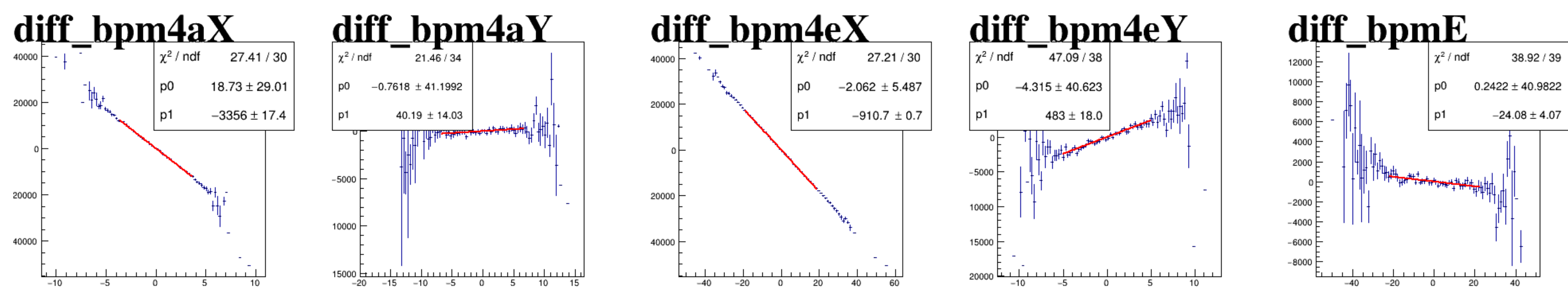
reg_asym_sam7



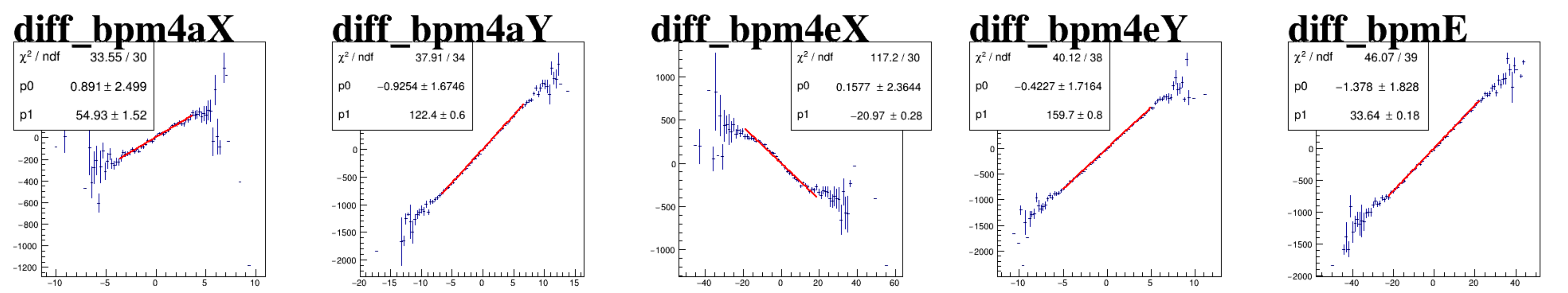
asym_sam1



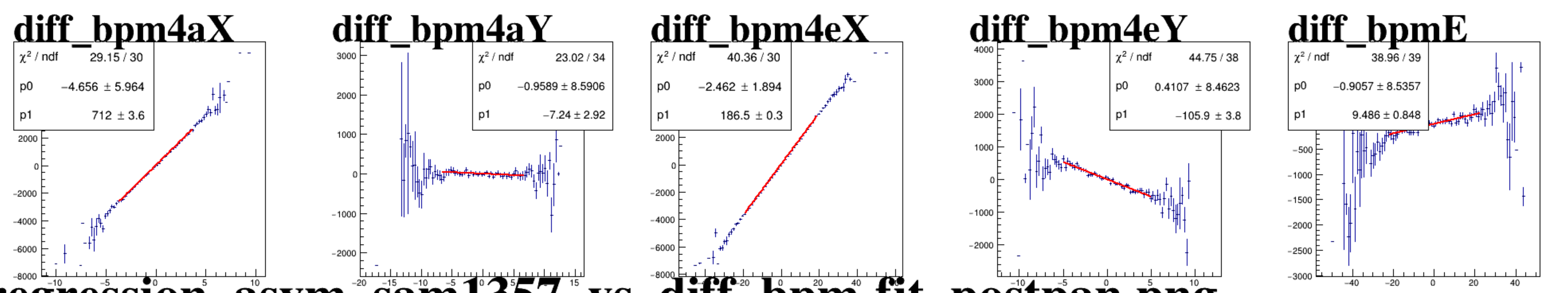
asym_sam3



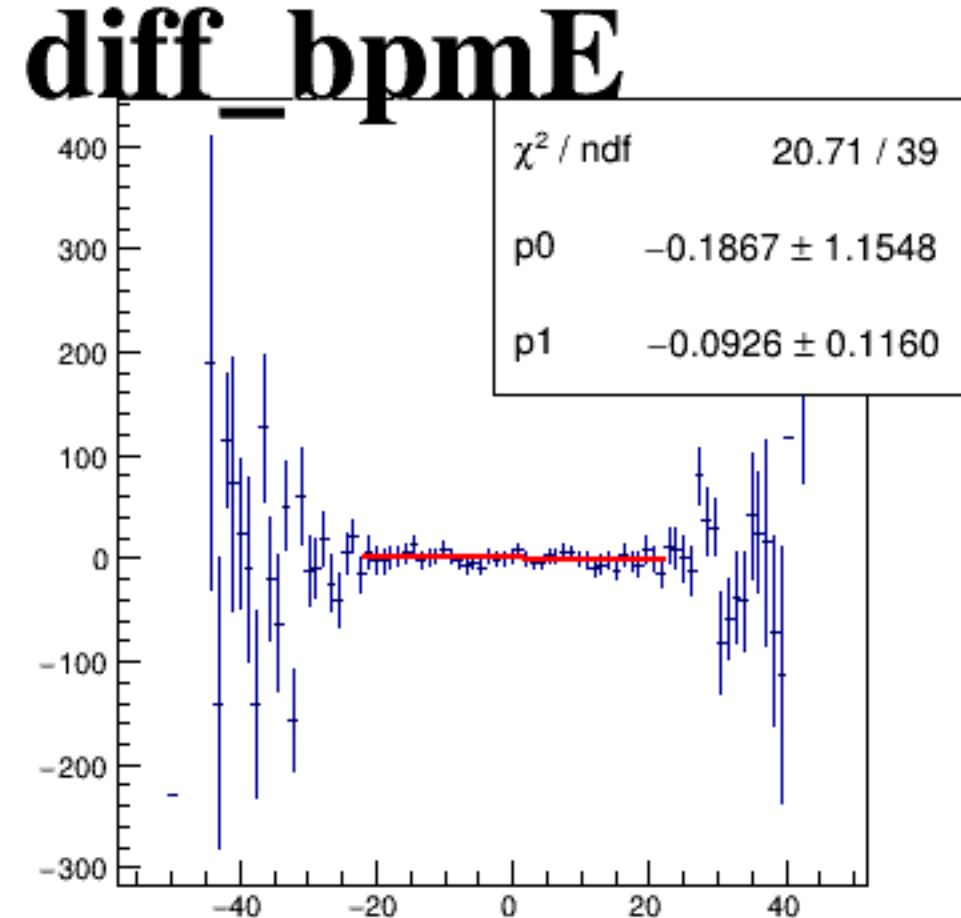
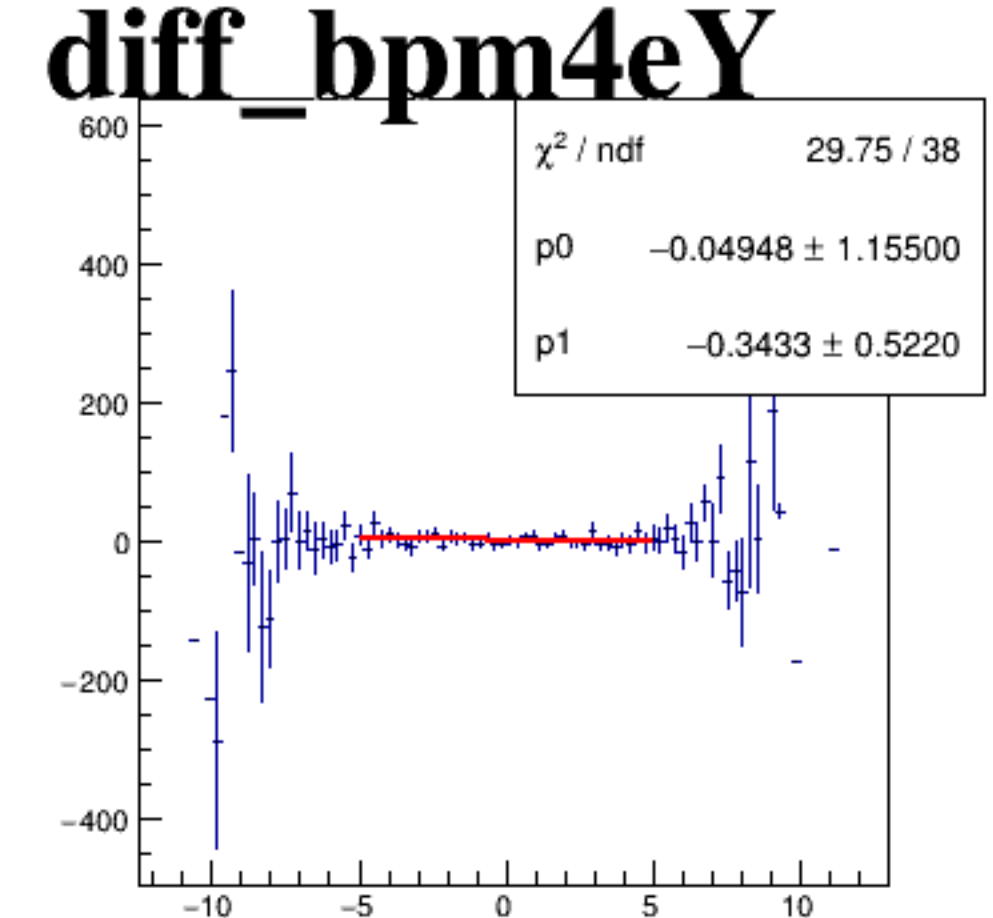
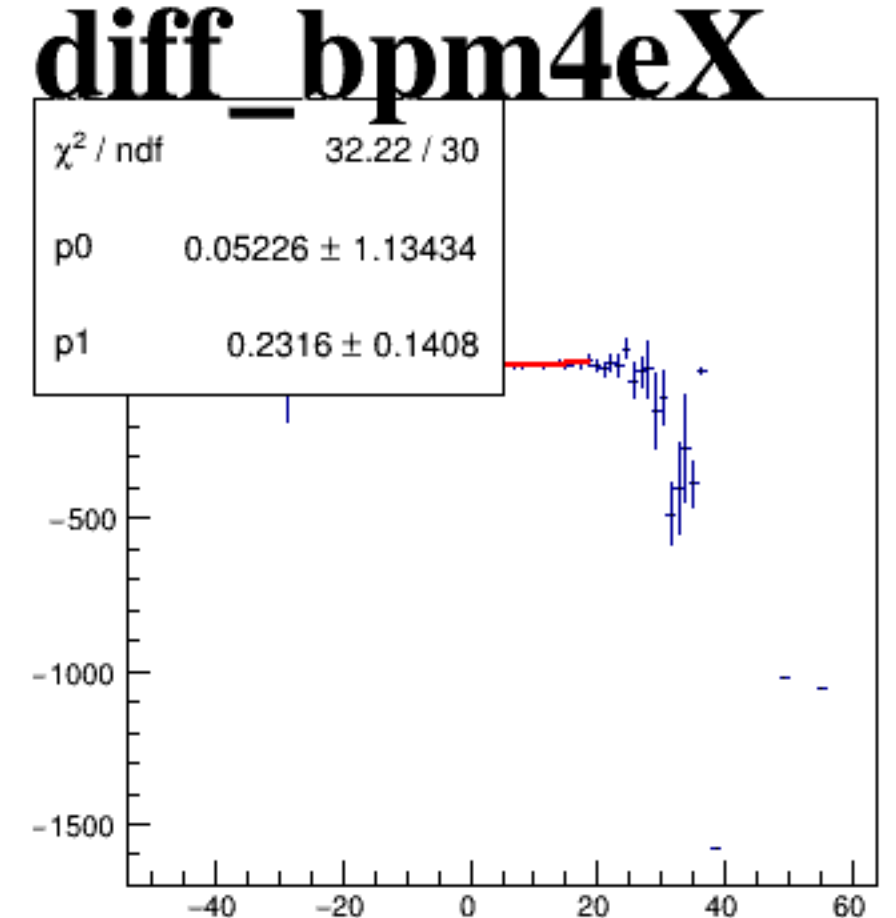
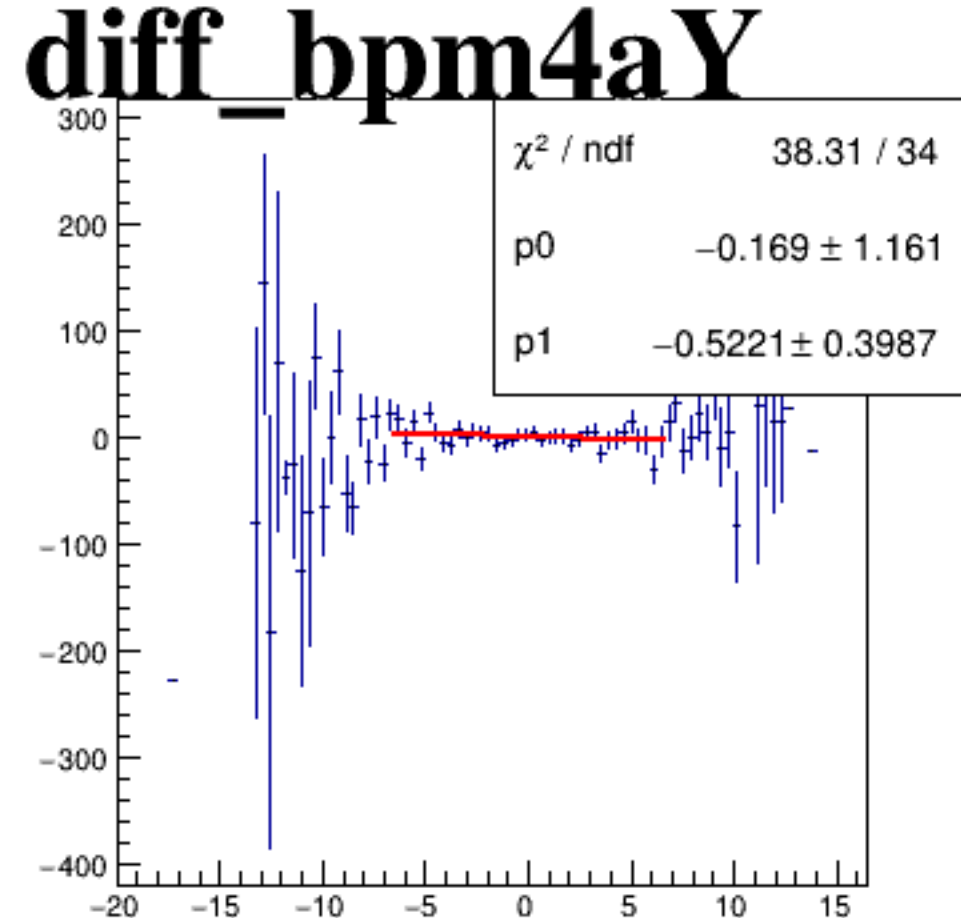
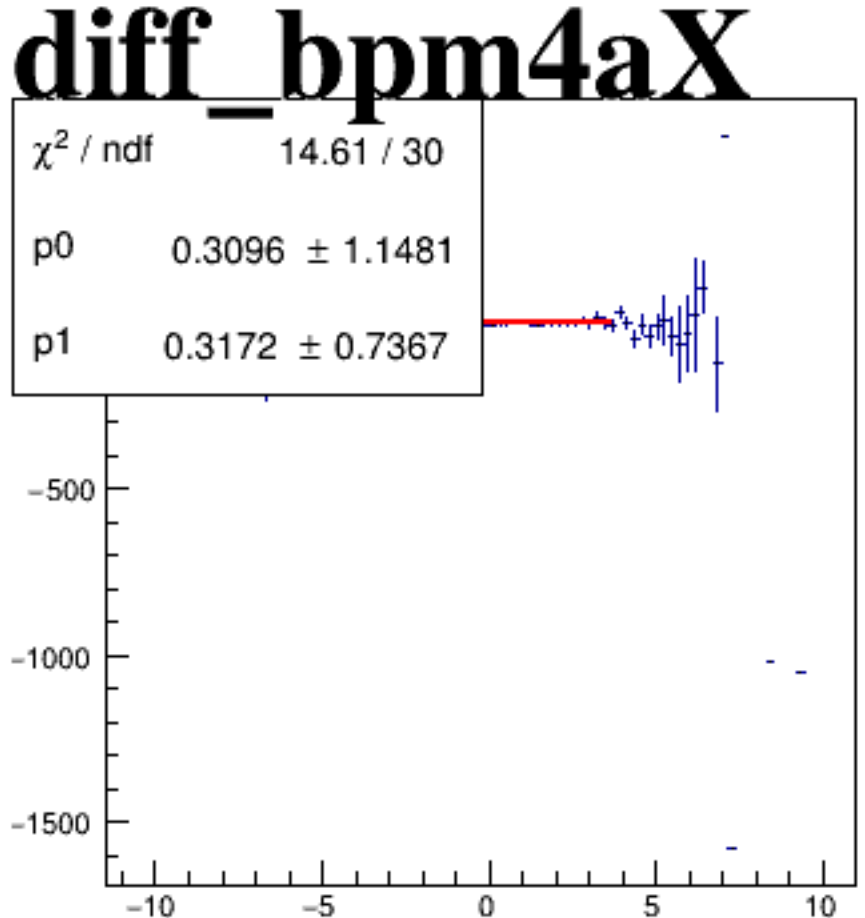
asym_sam5



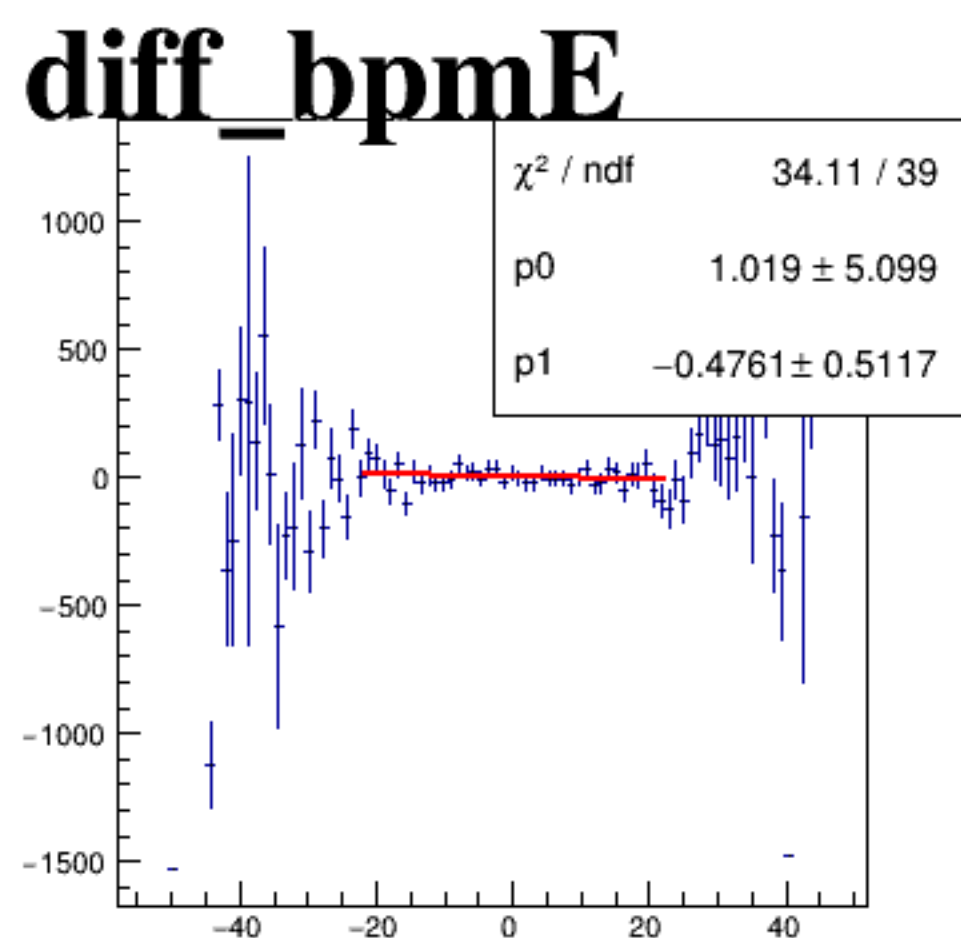
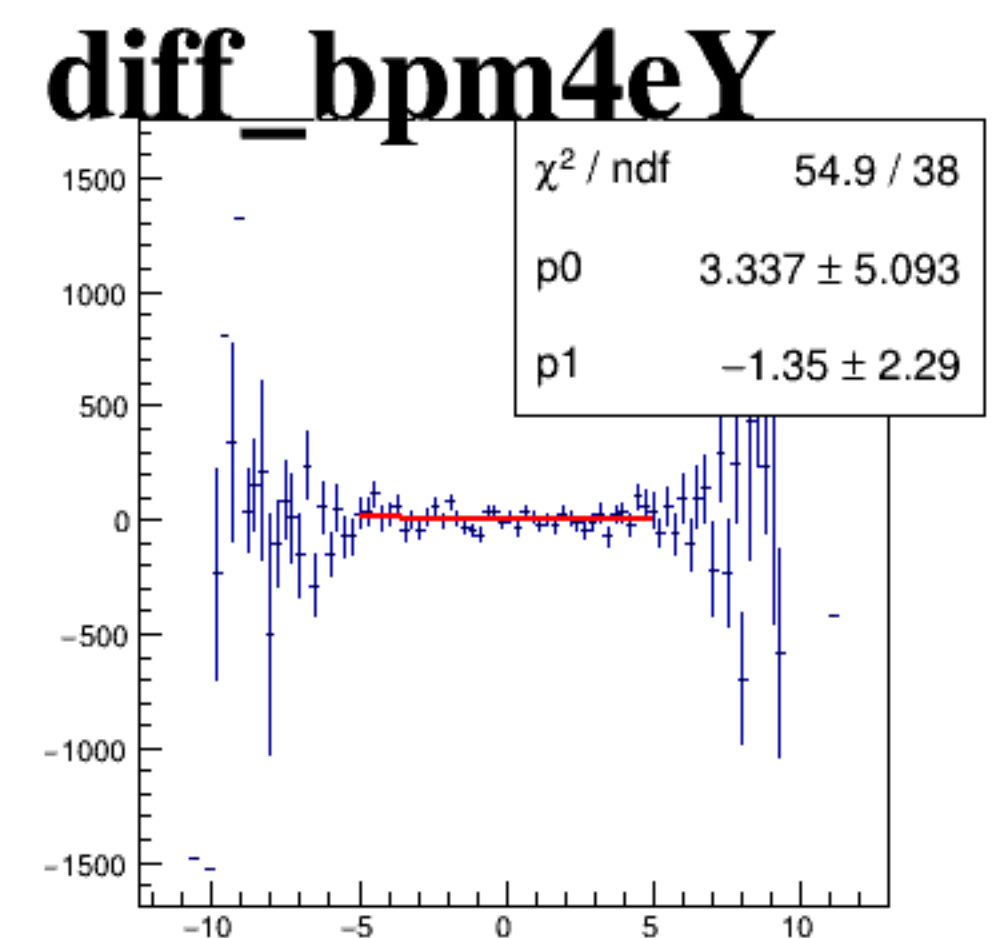
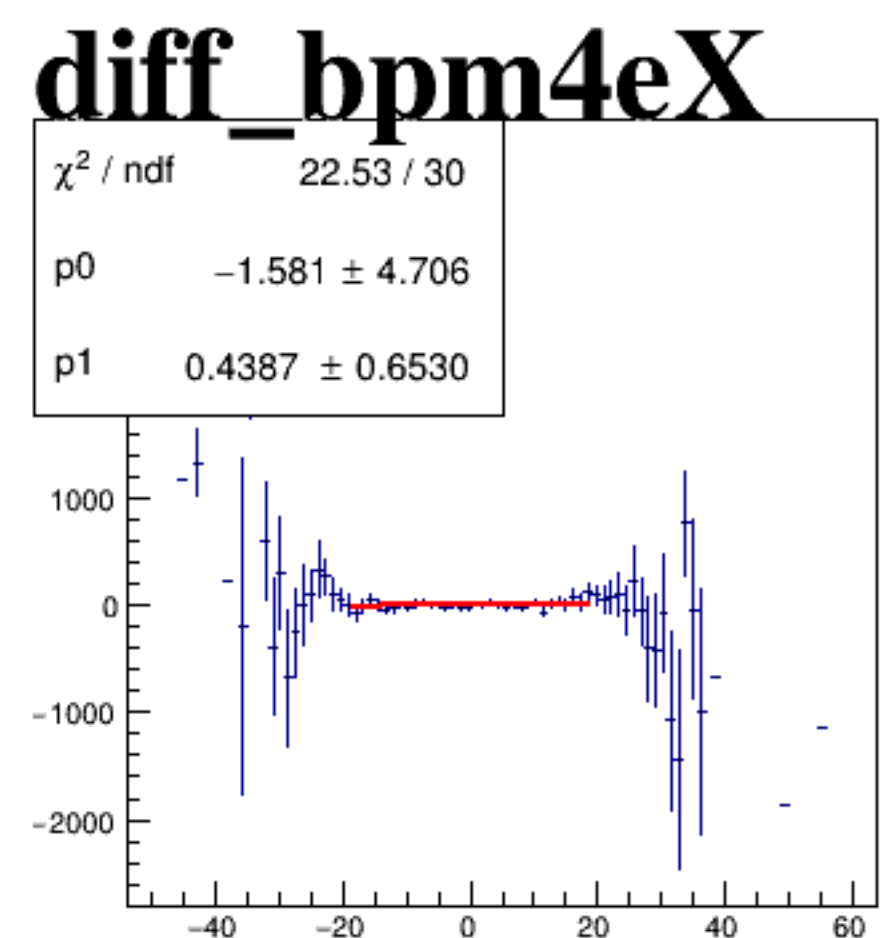
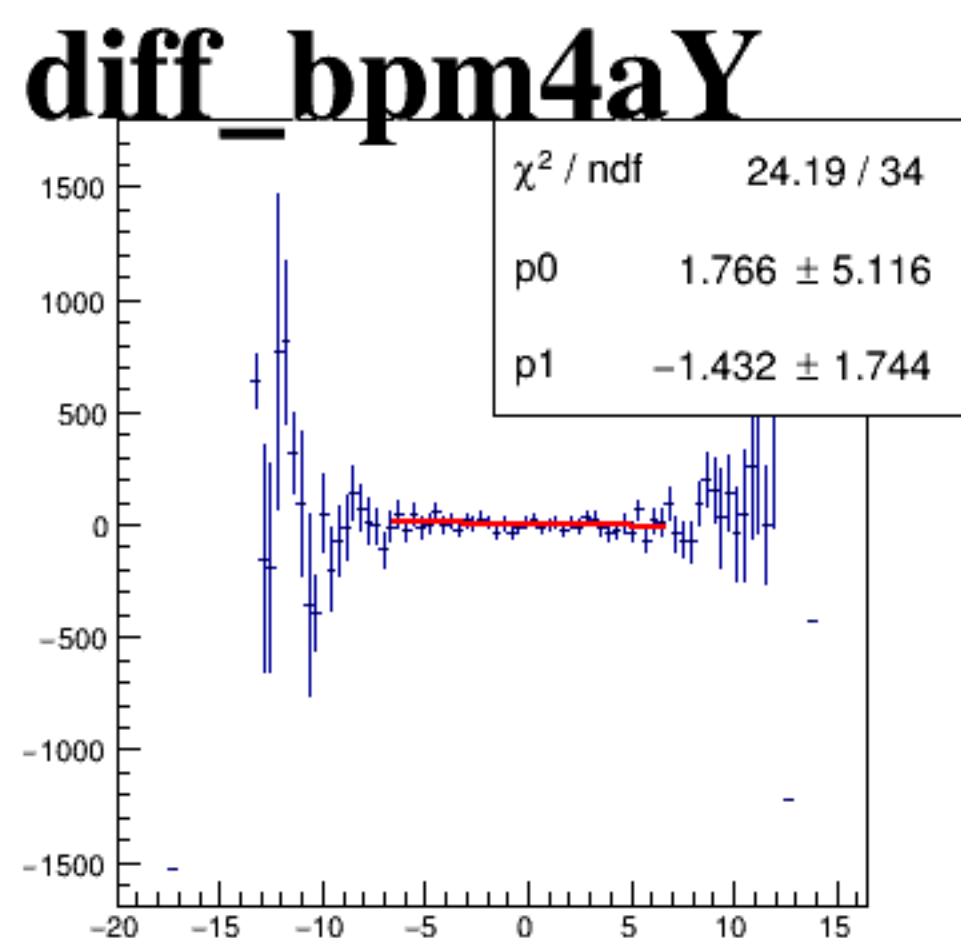
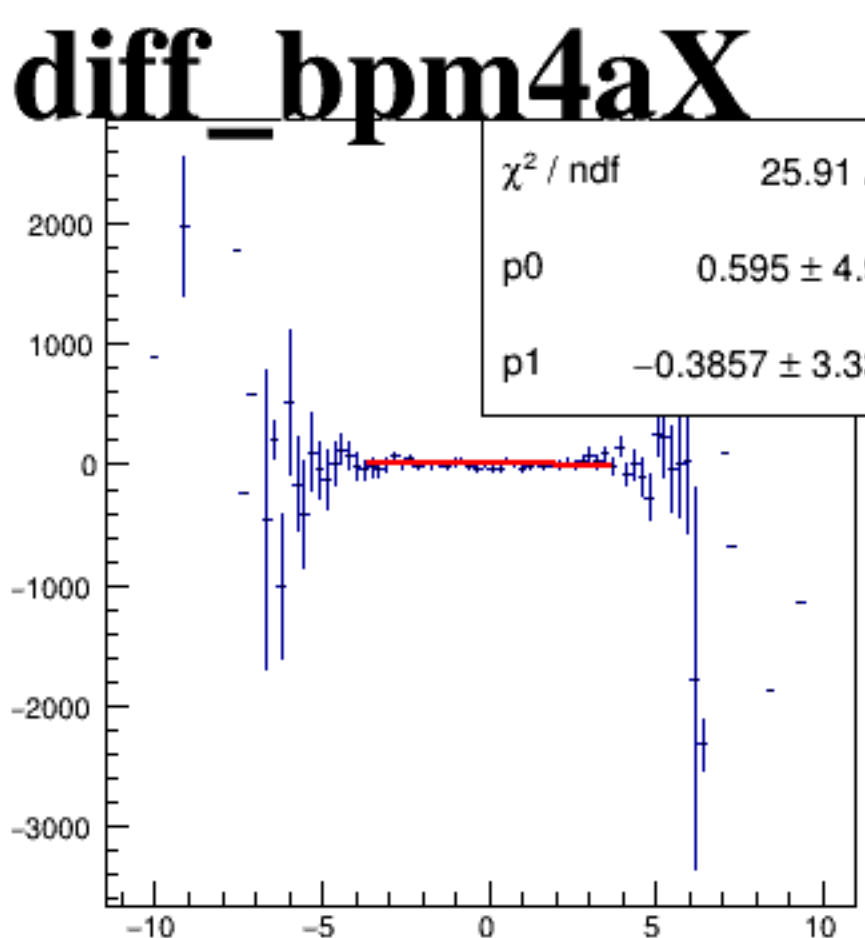
asym_sam7



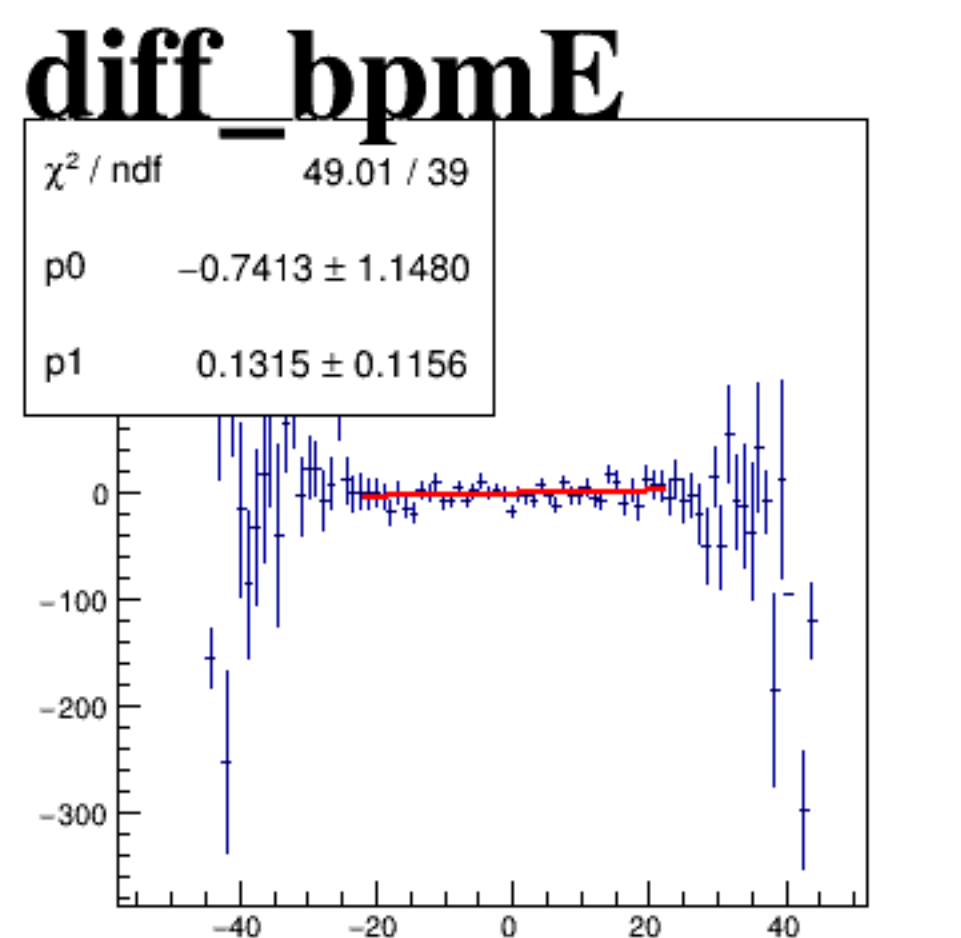
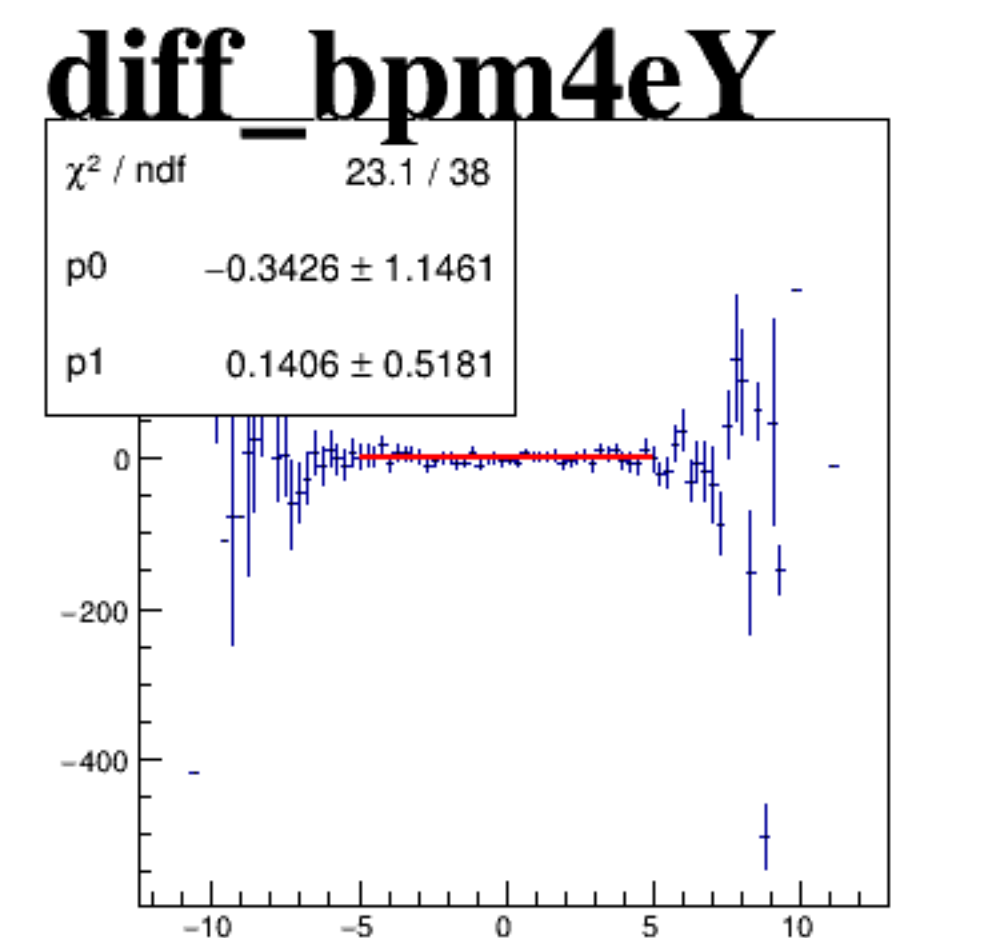
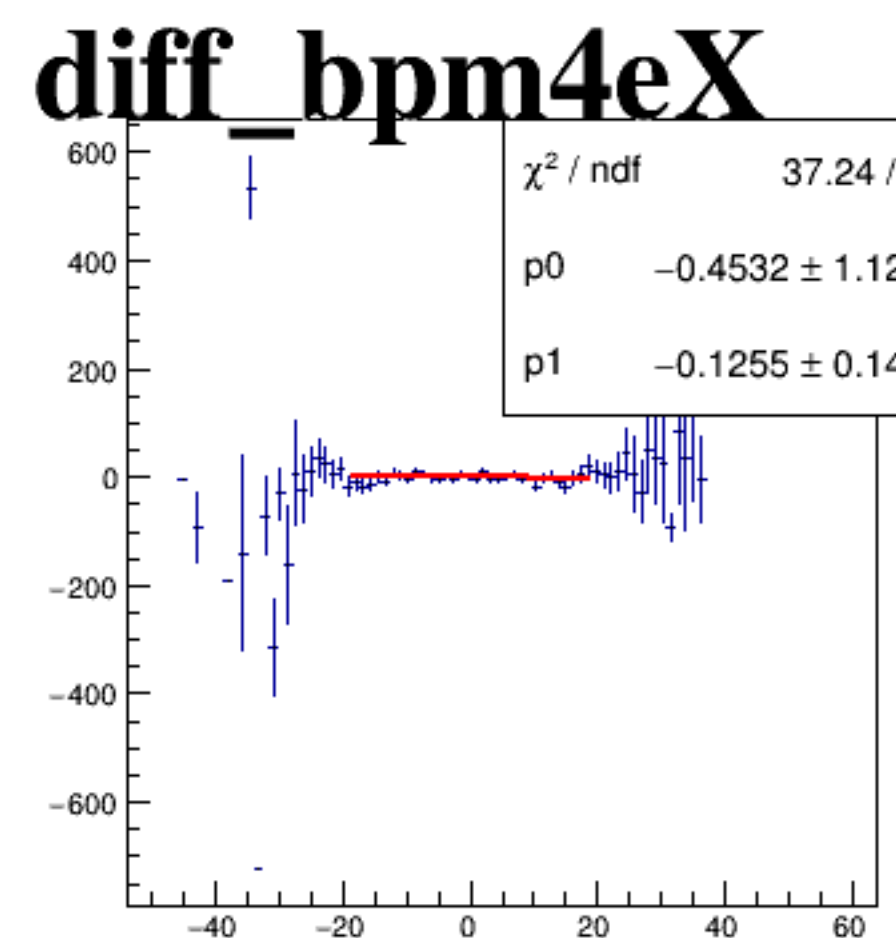
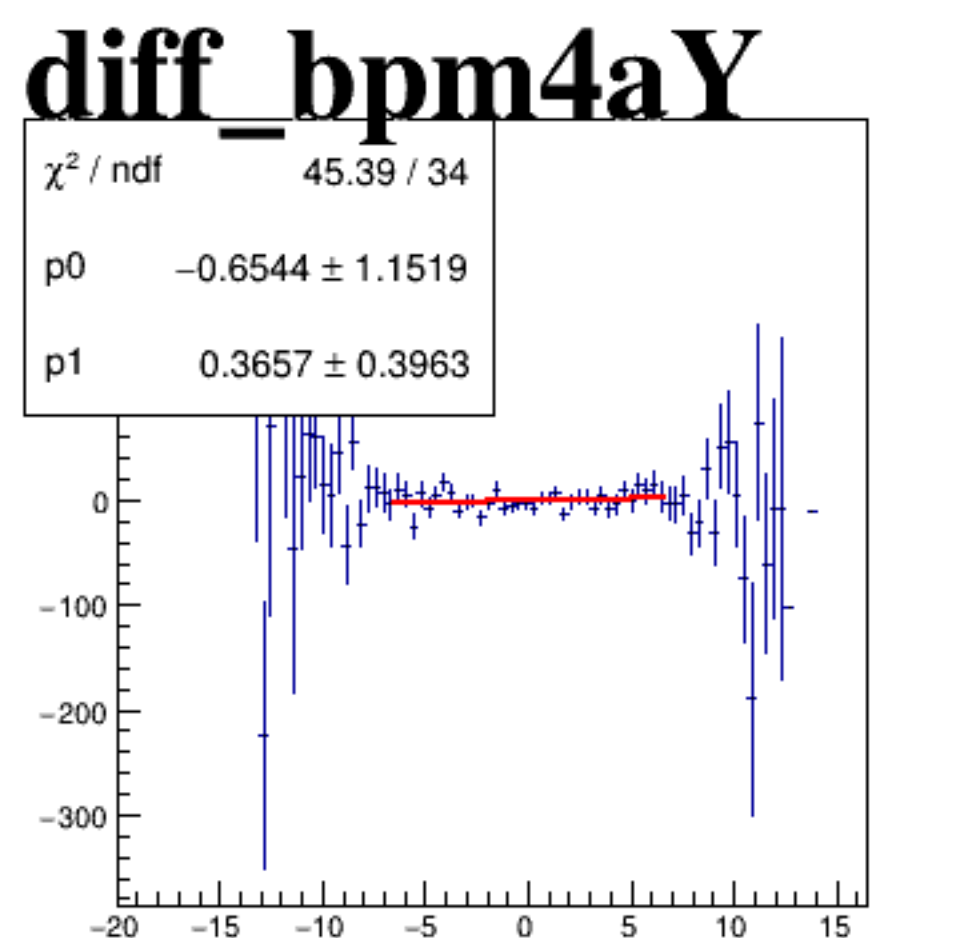
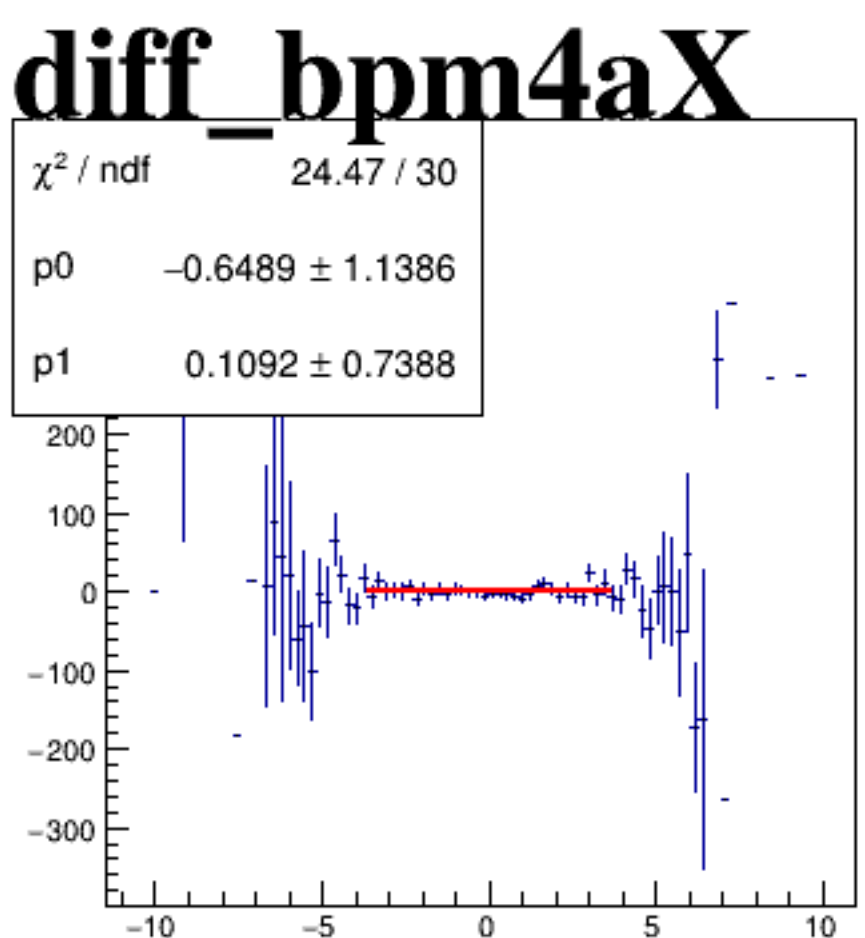
reg_asym_sam1



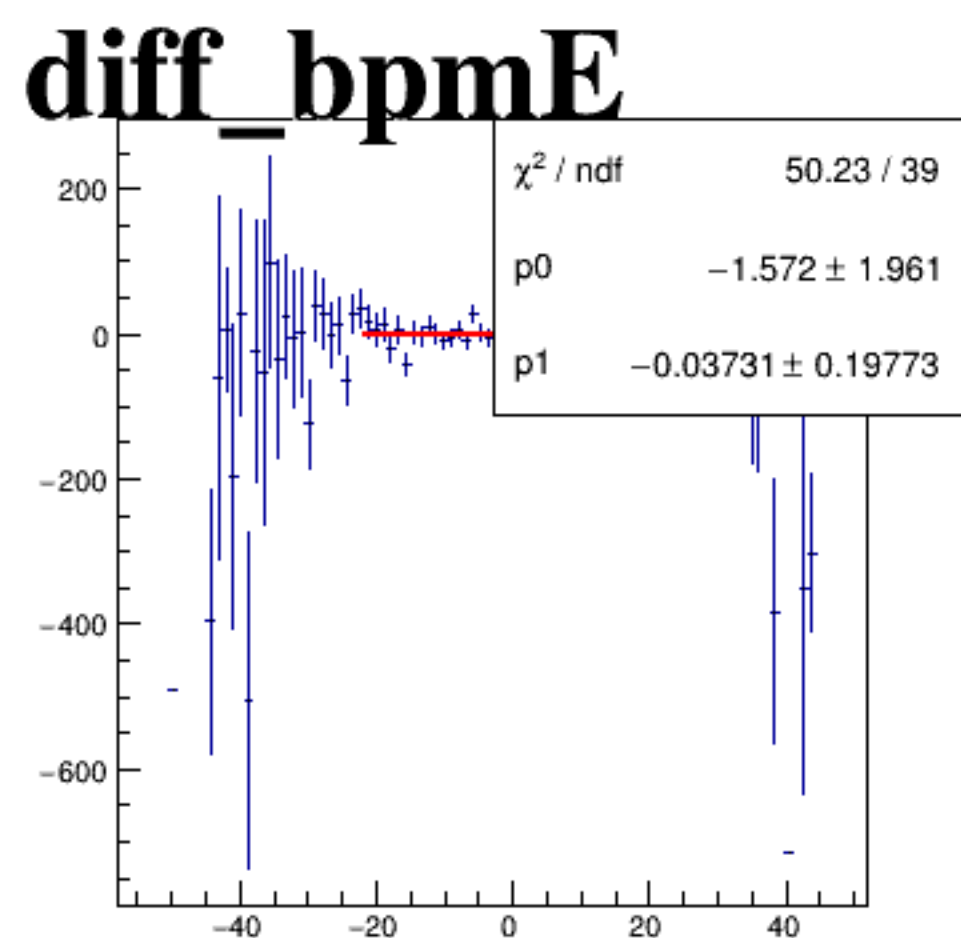
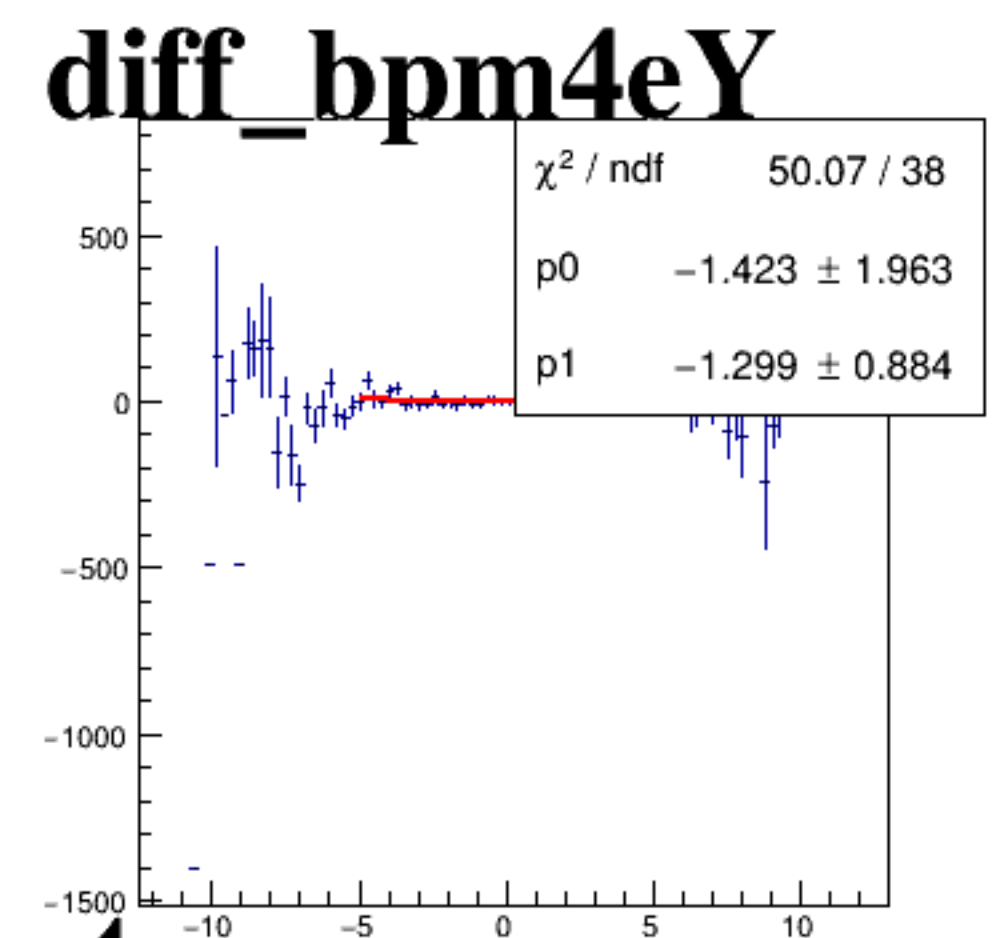
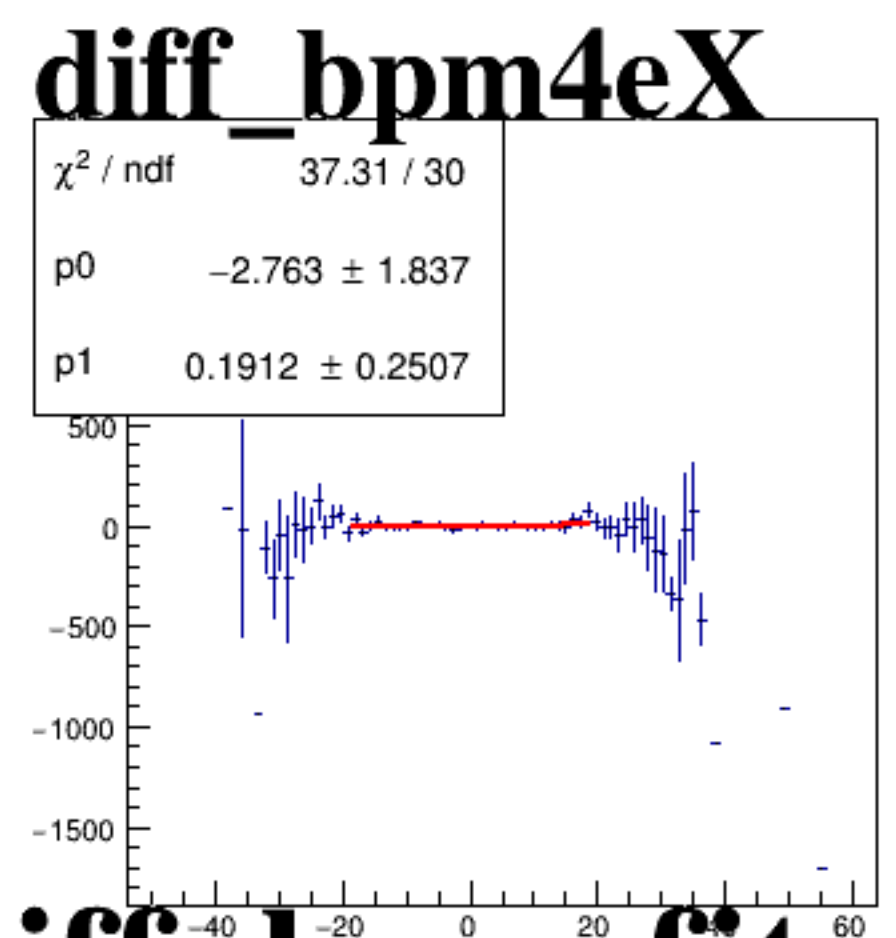
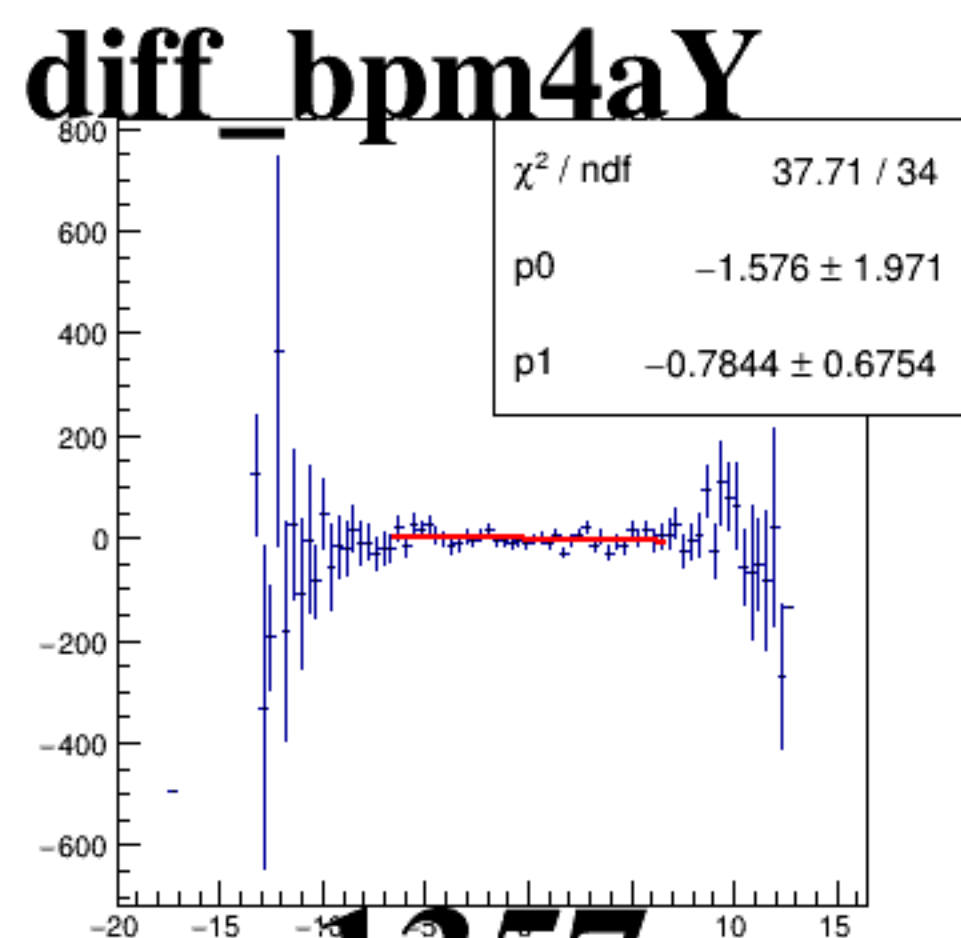
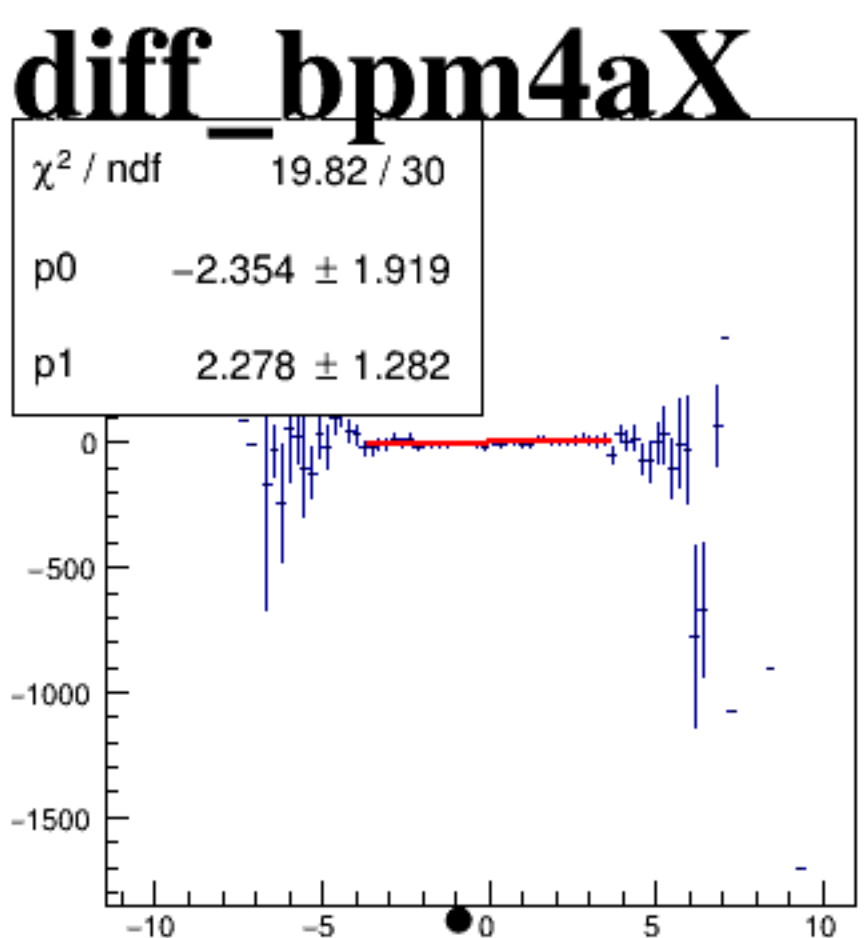
reg_asym_sam3



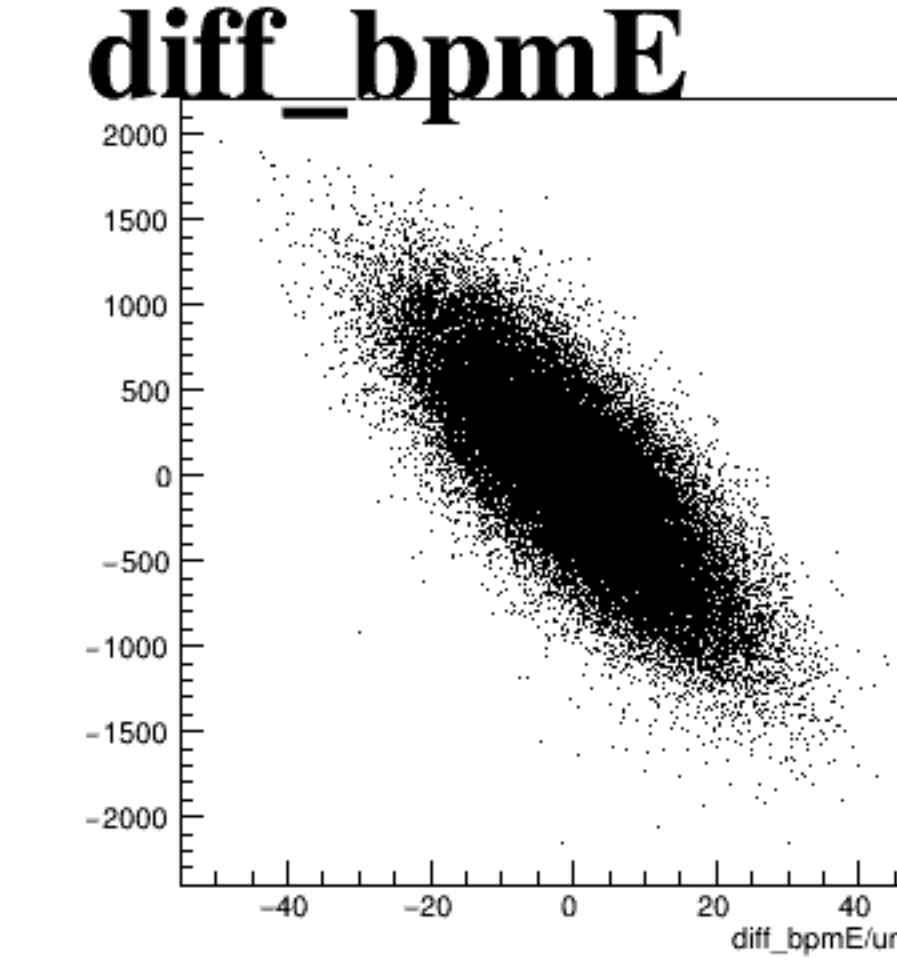
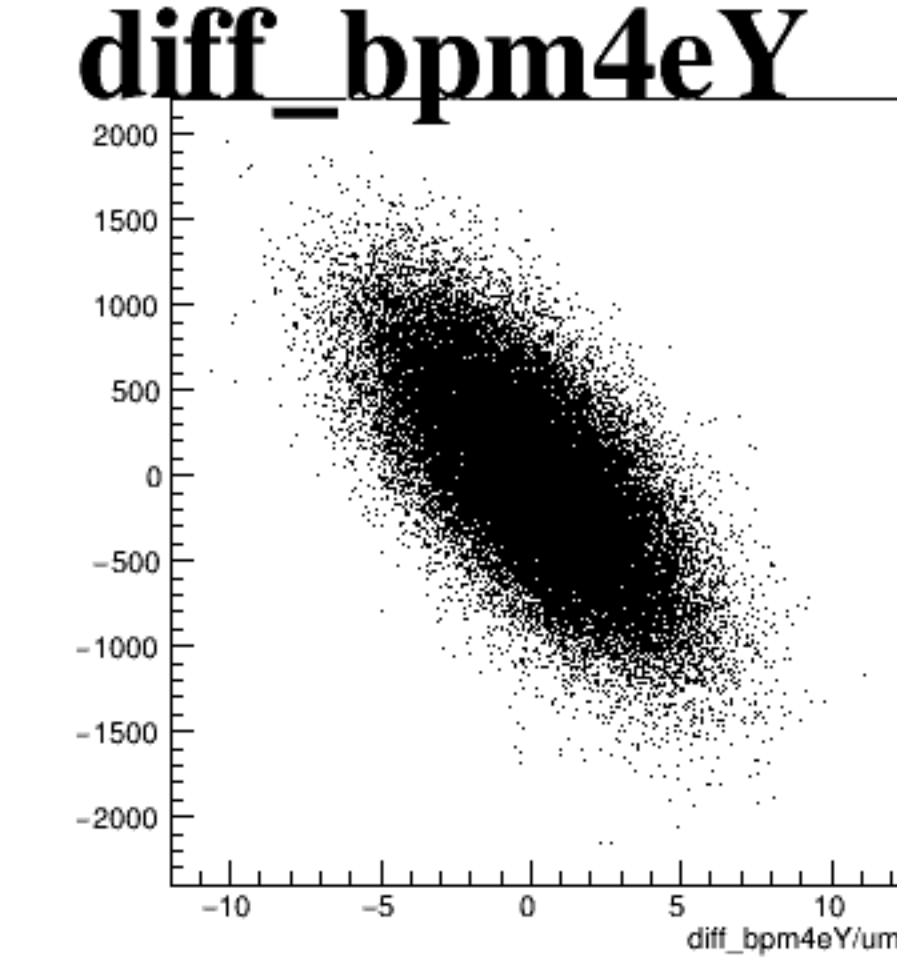
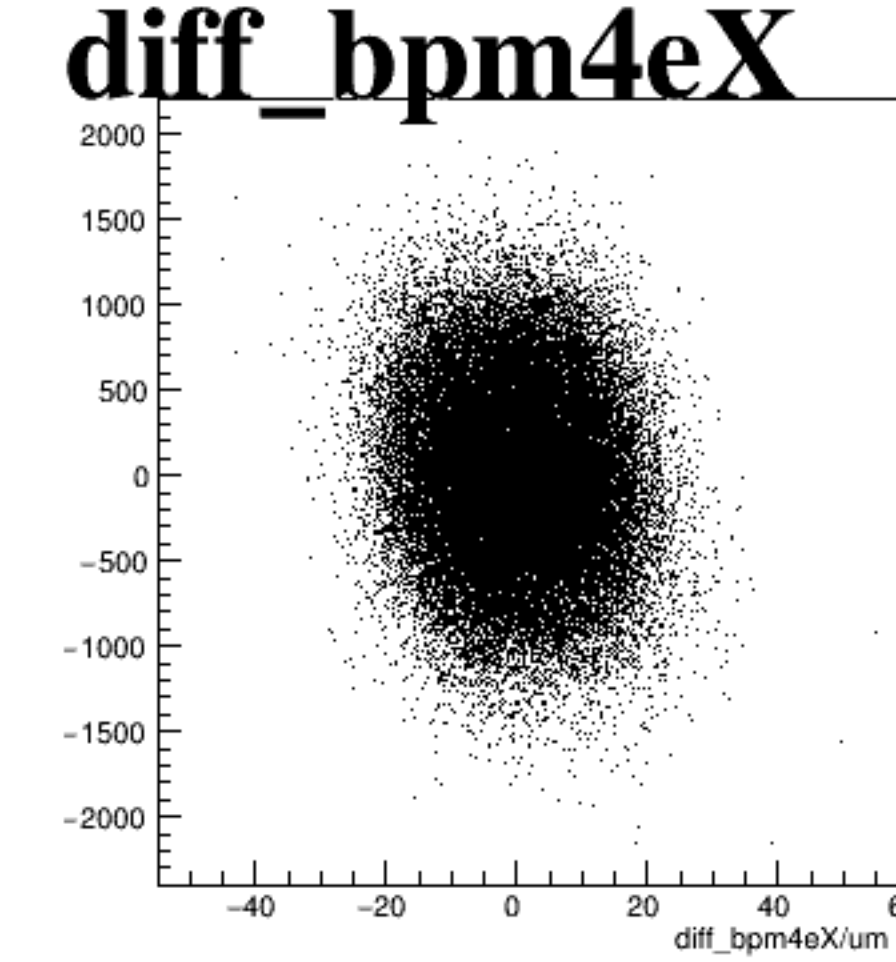
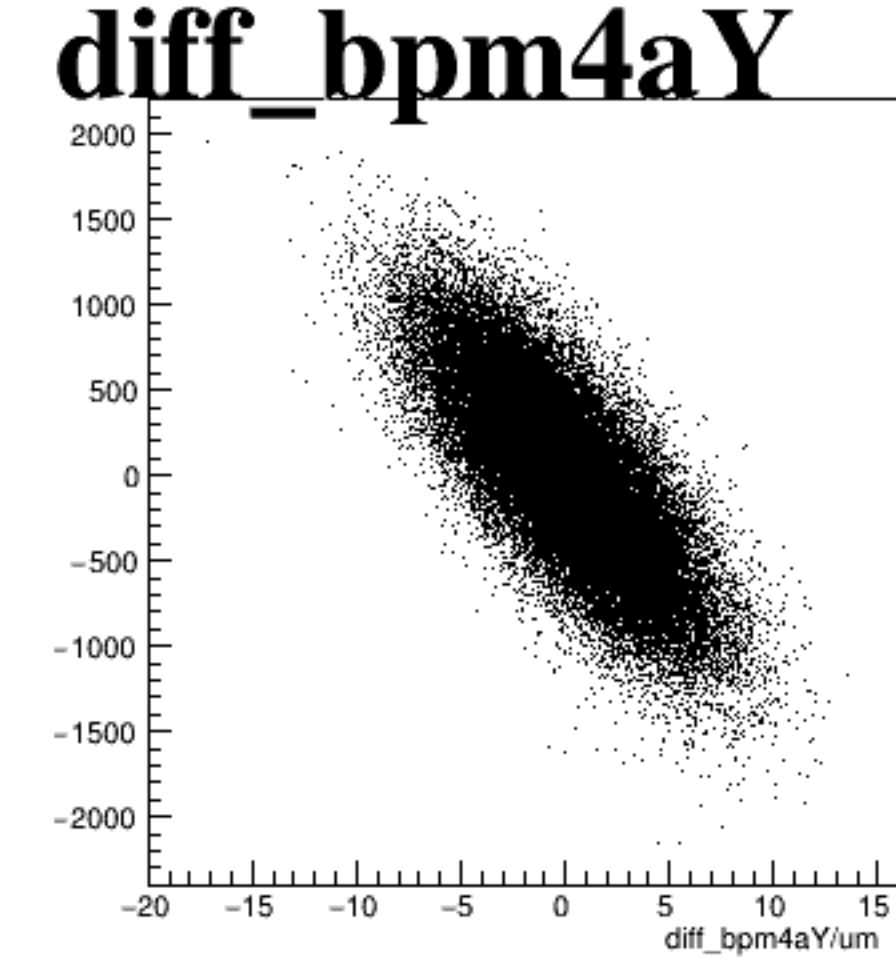
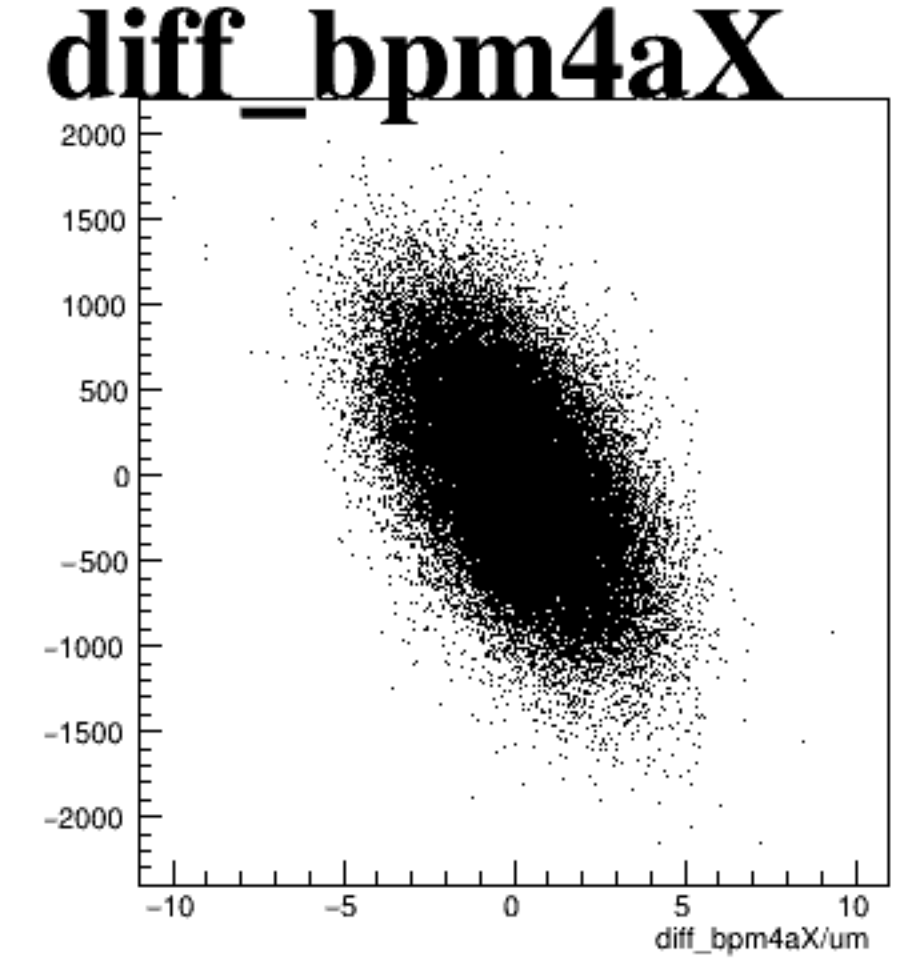
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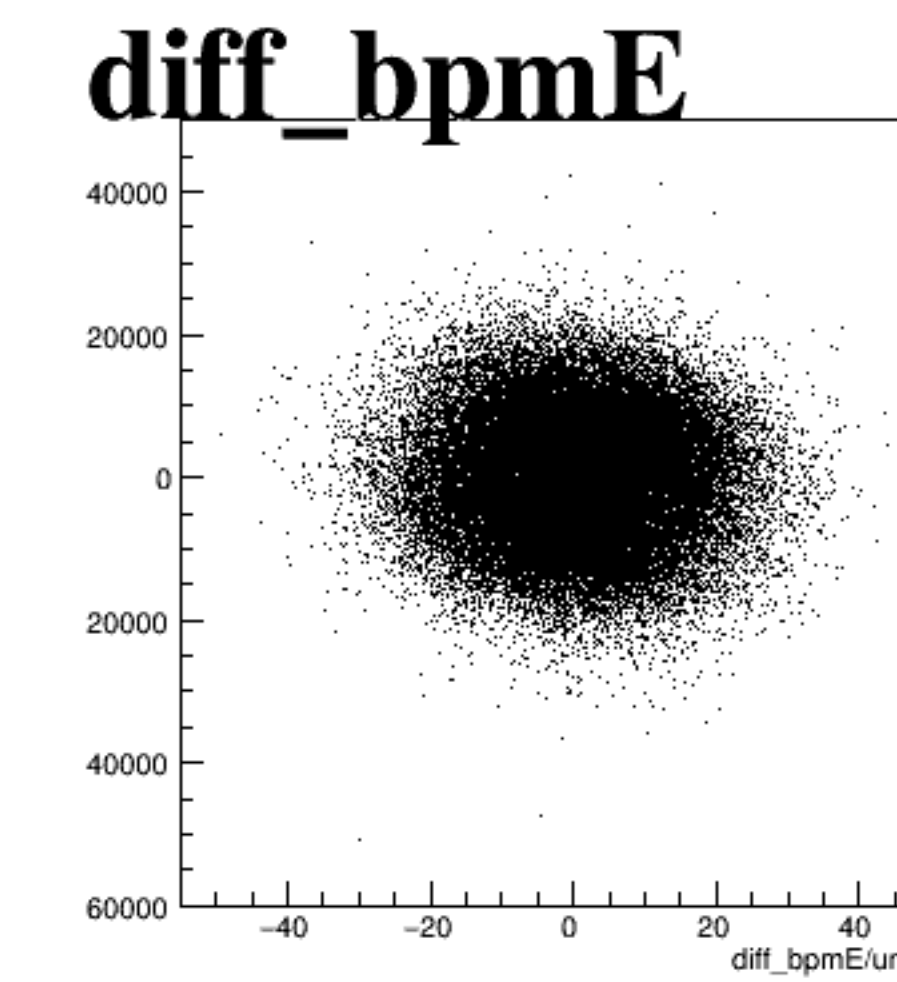
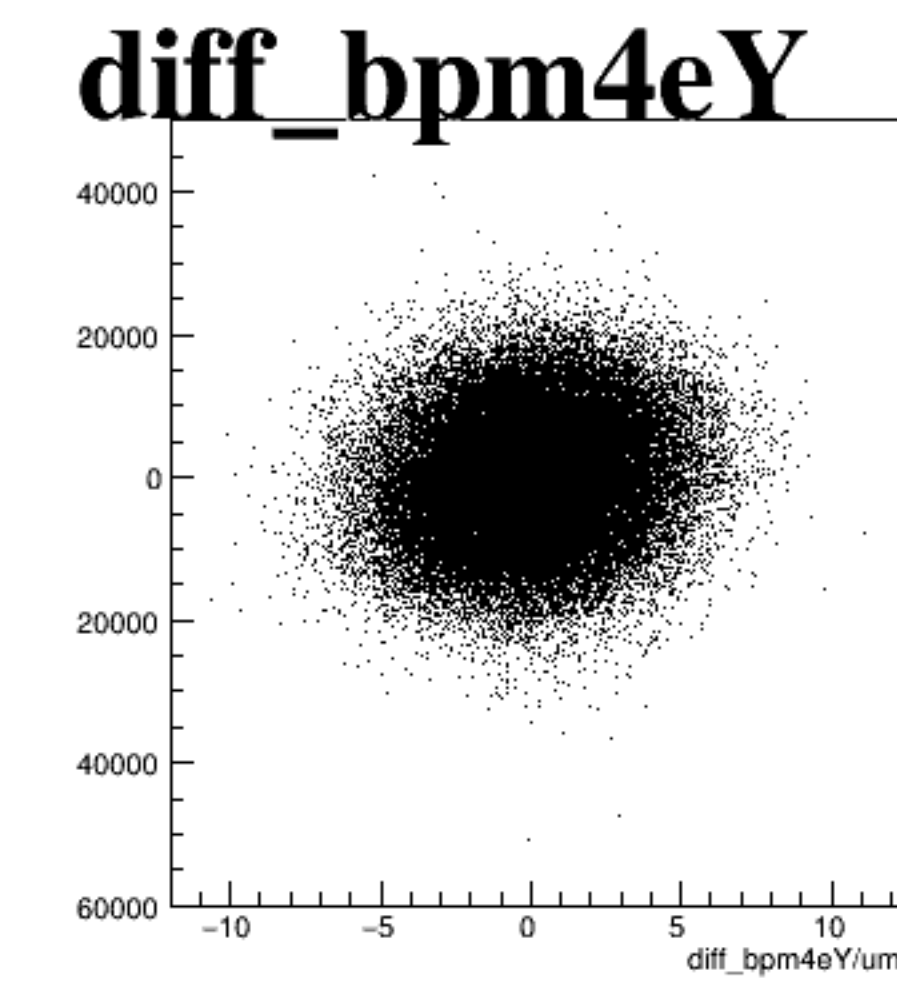
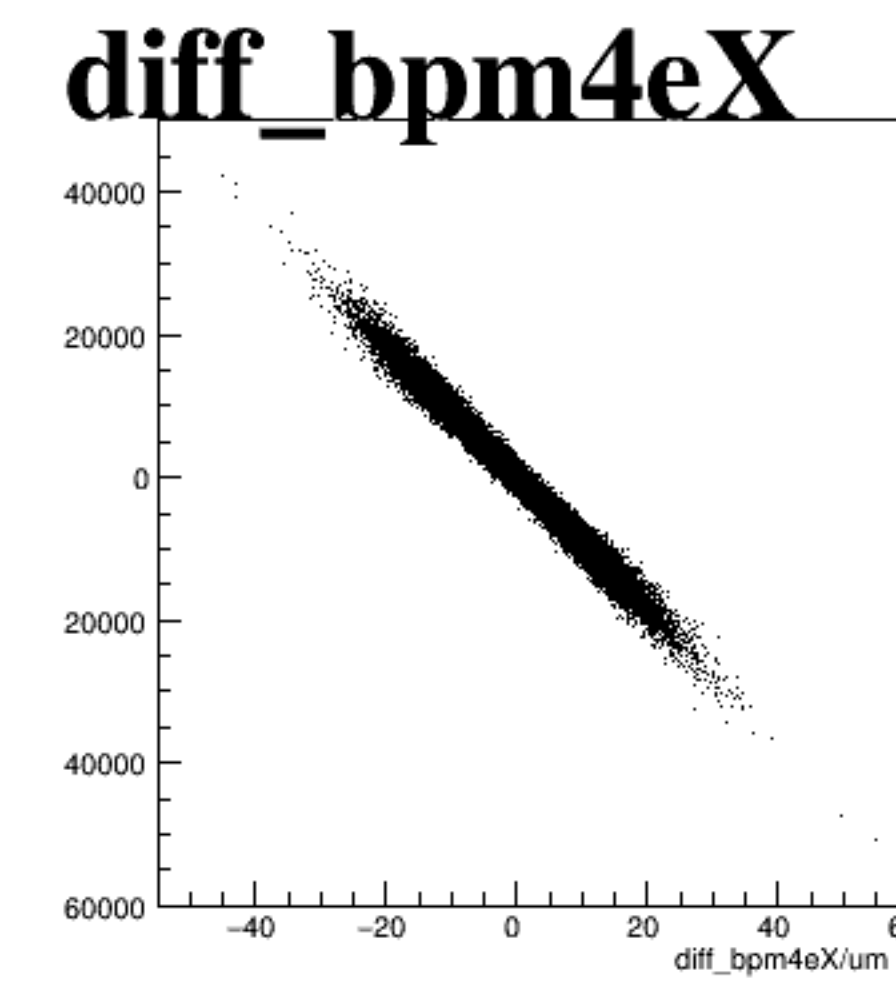
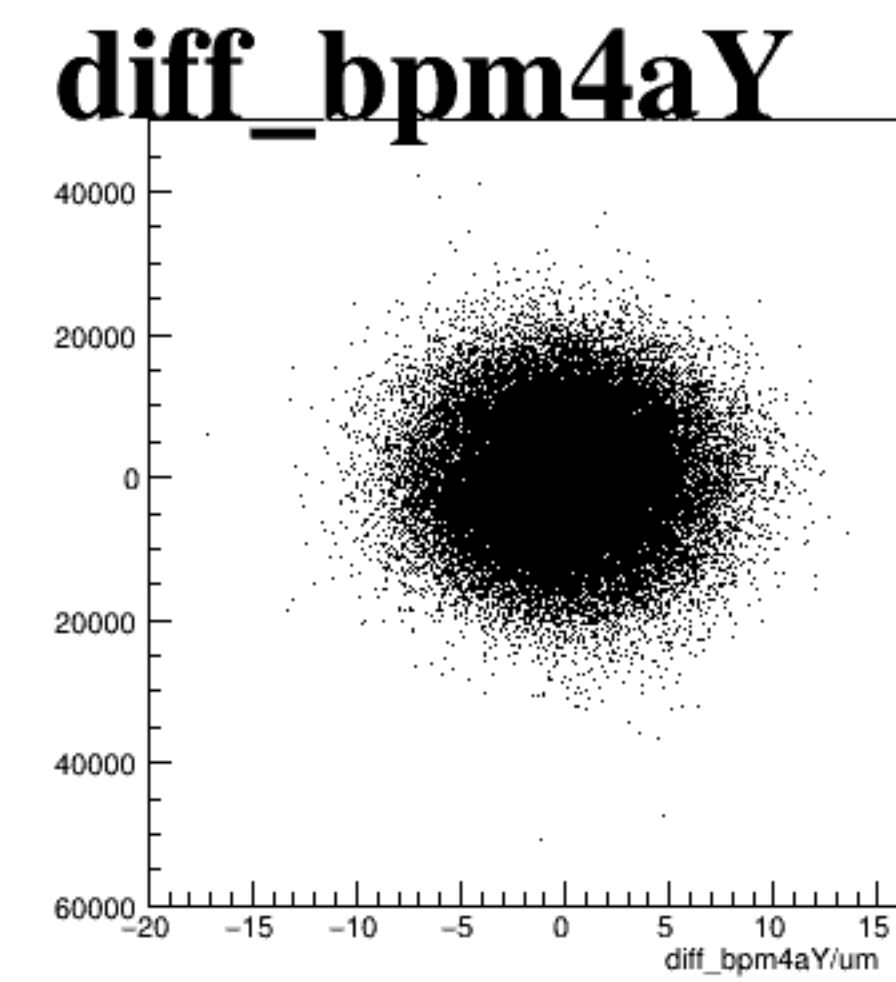
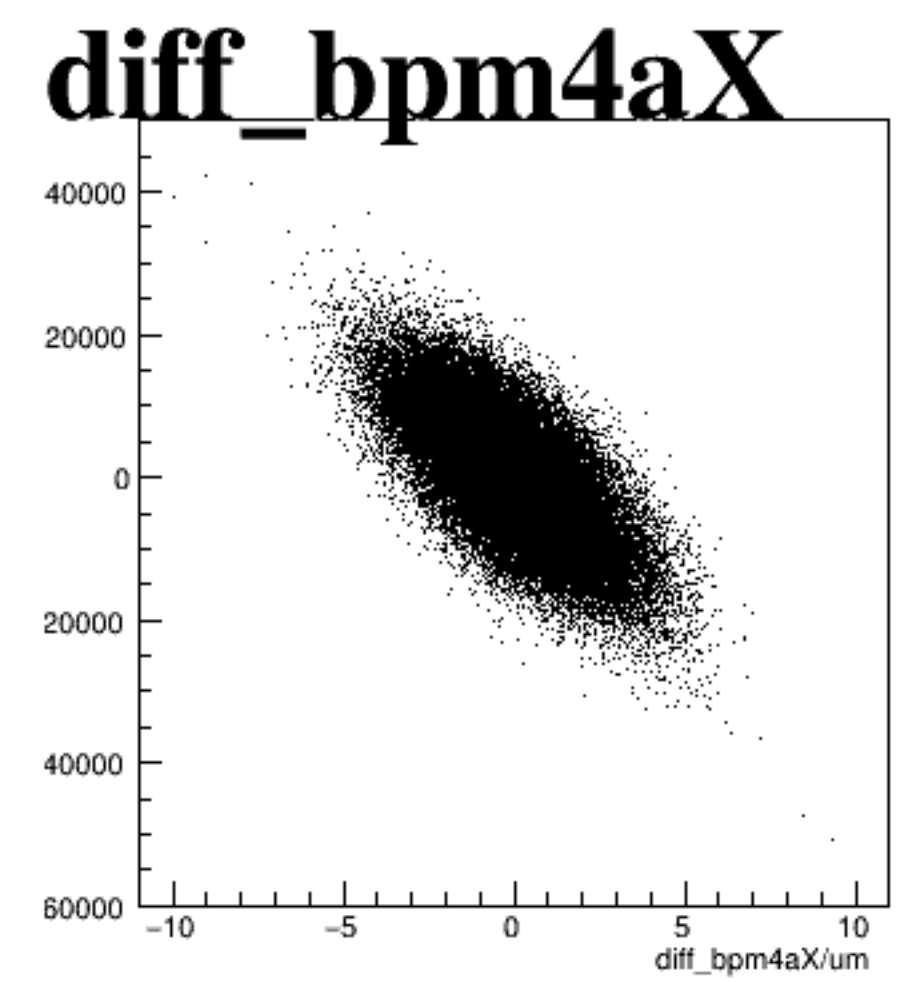
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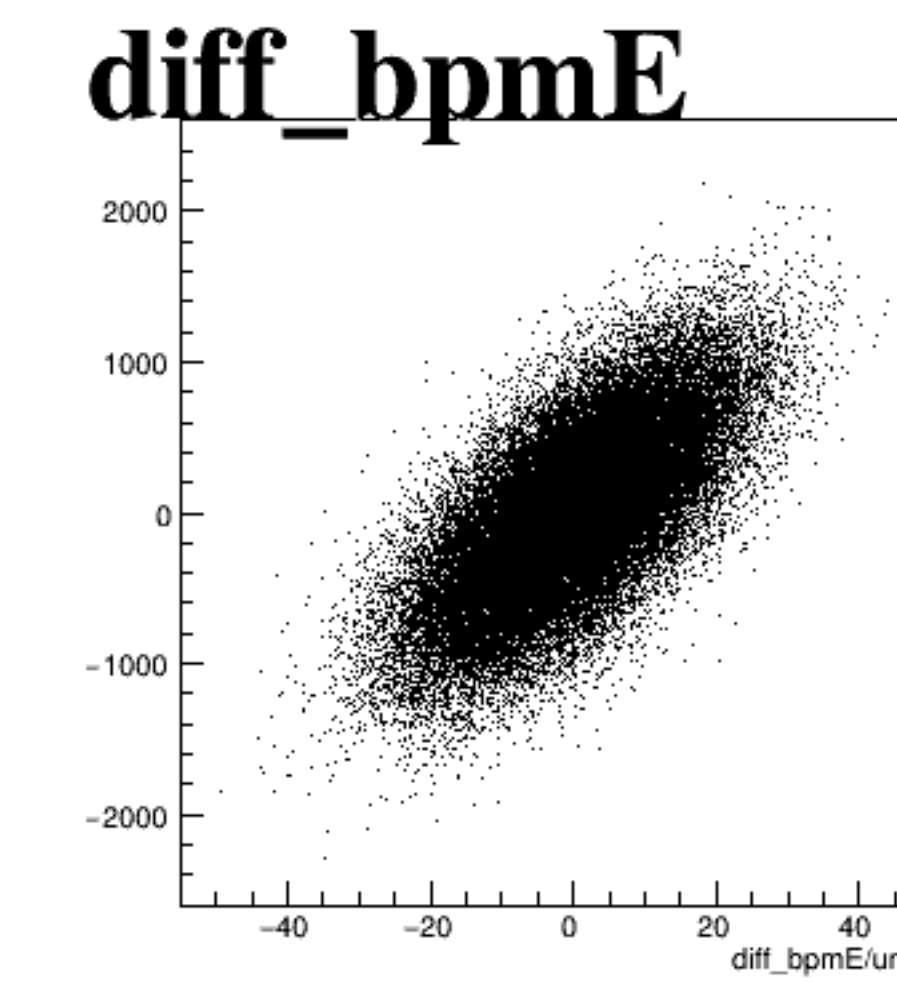
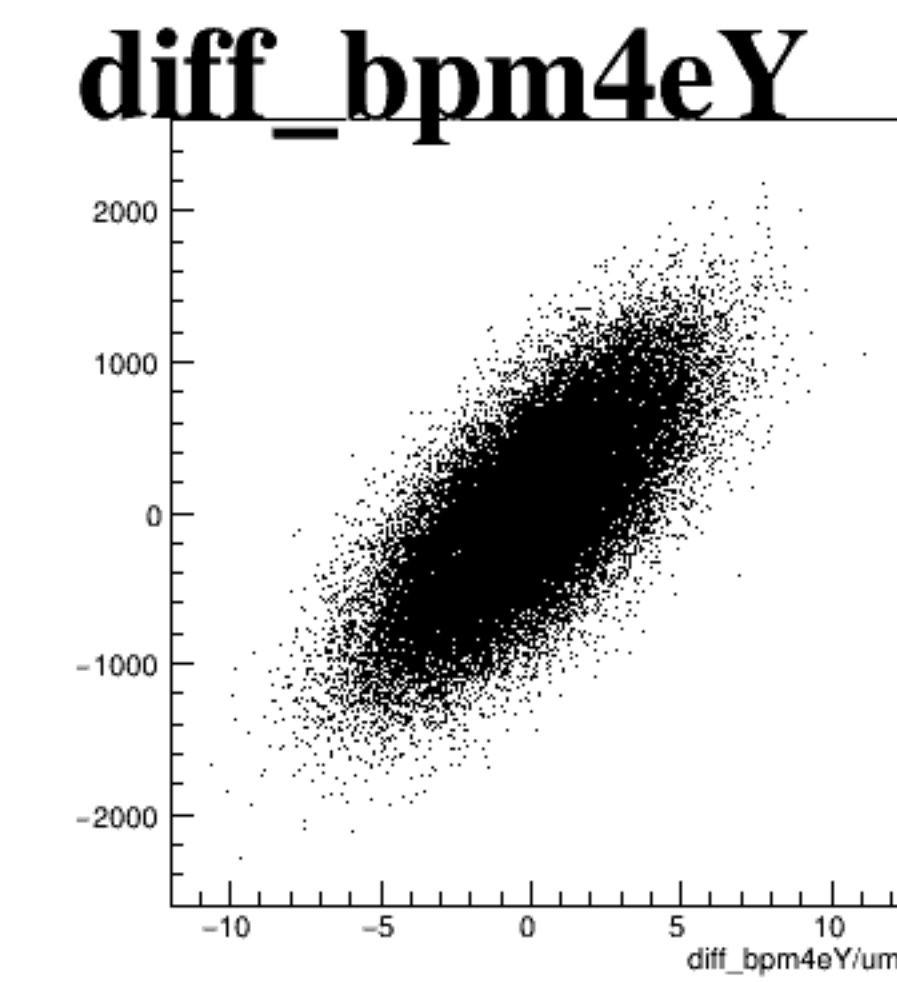
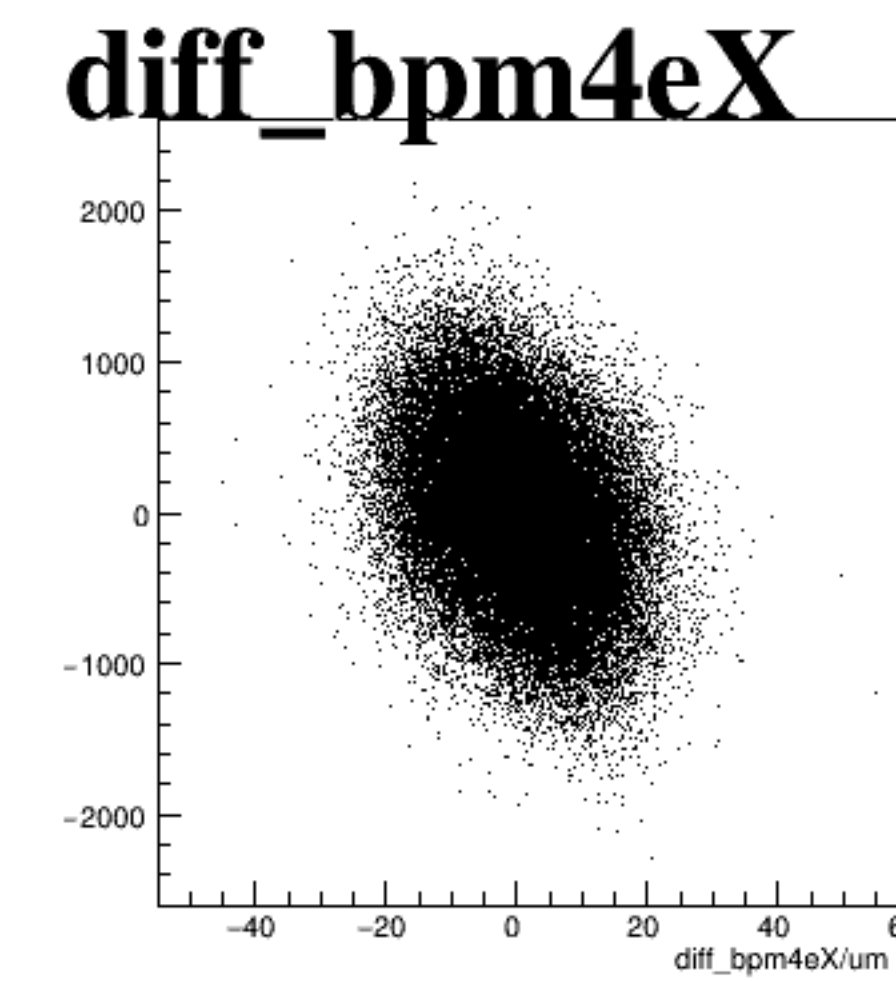
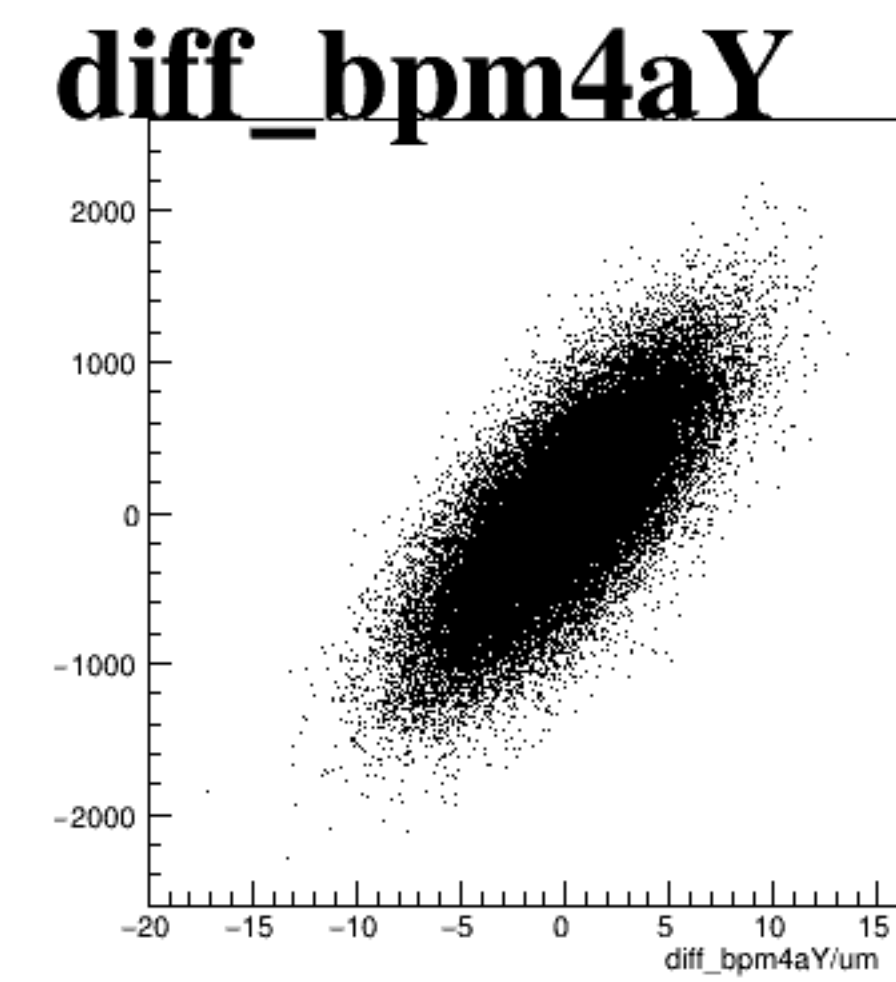
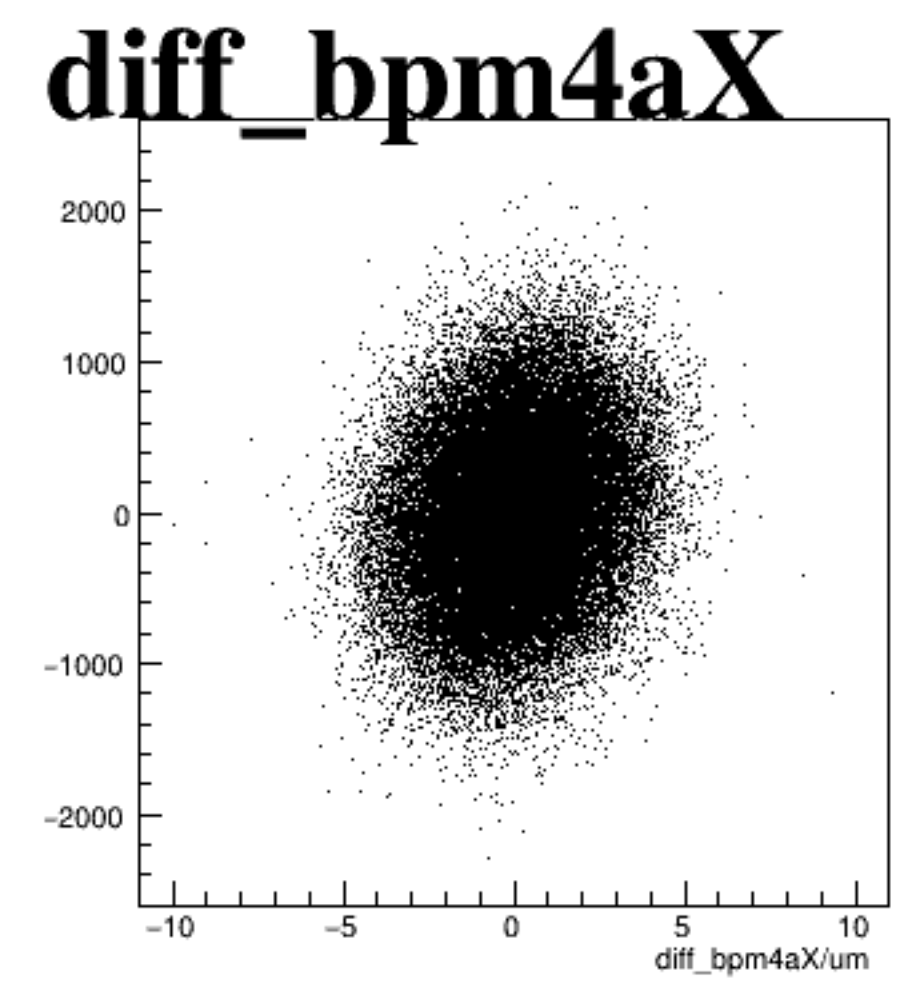
asym_sam1



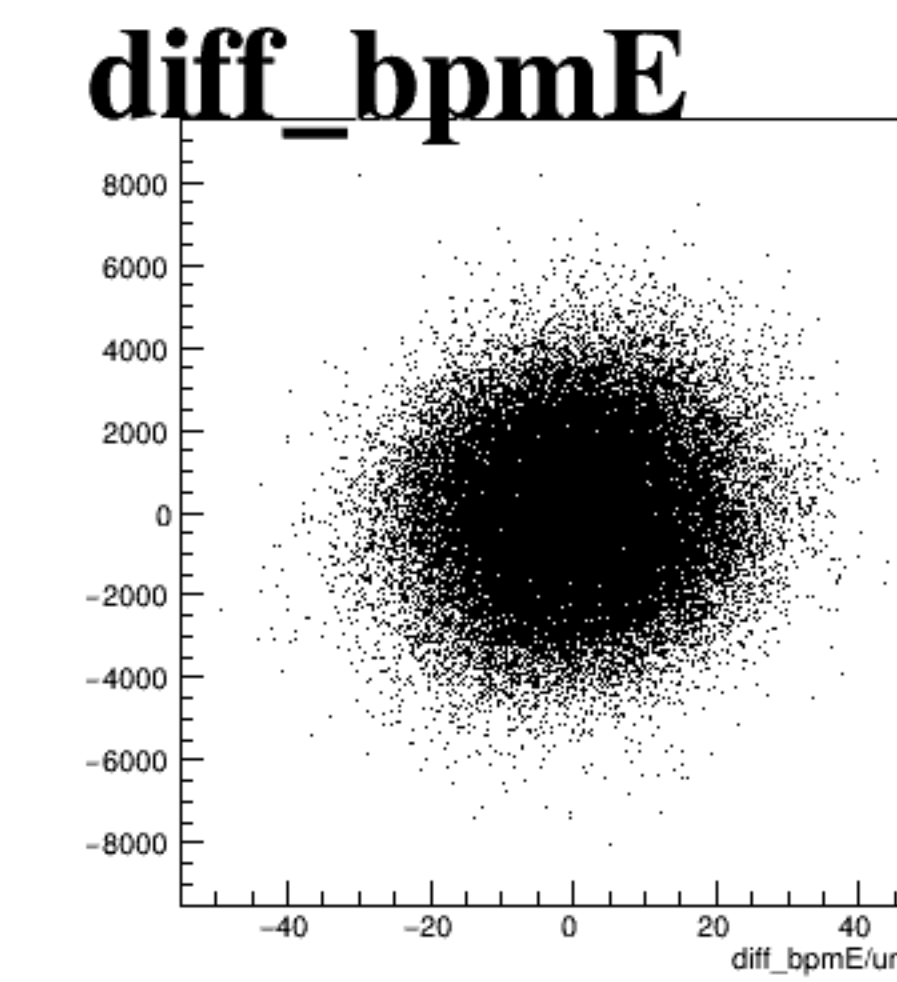
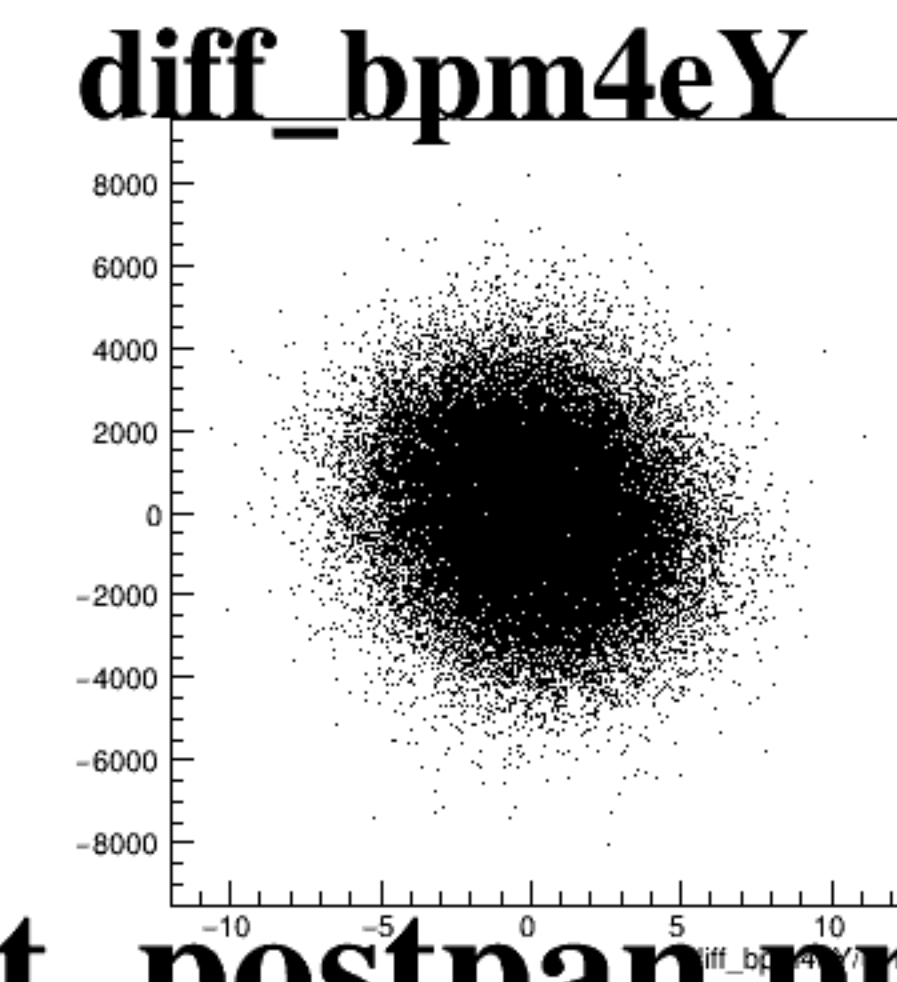
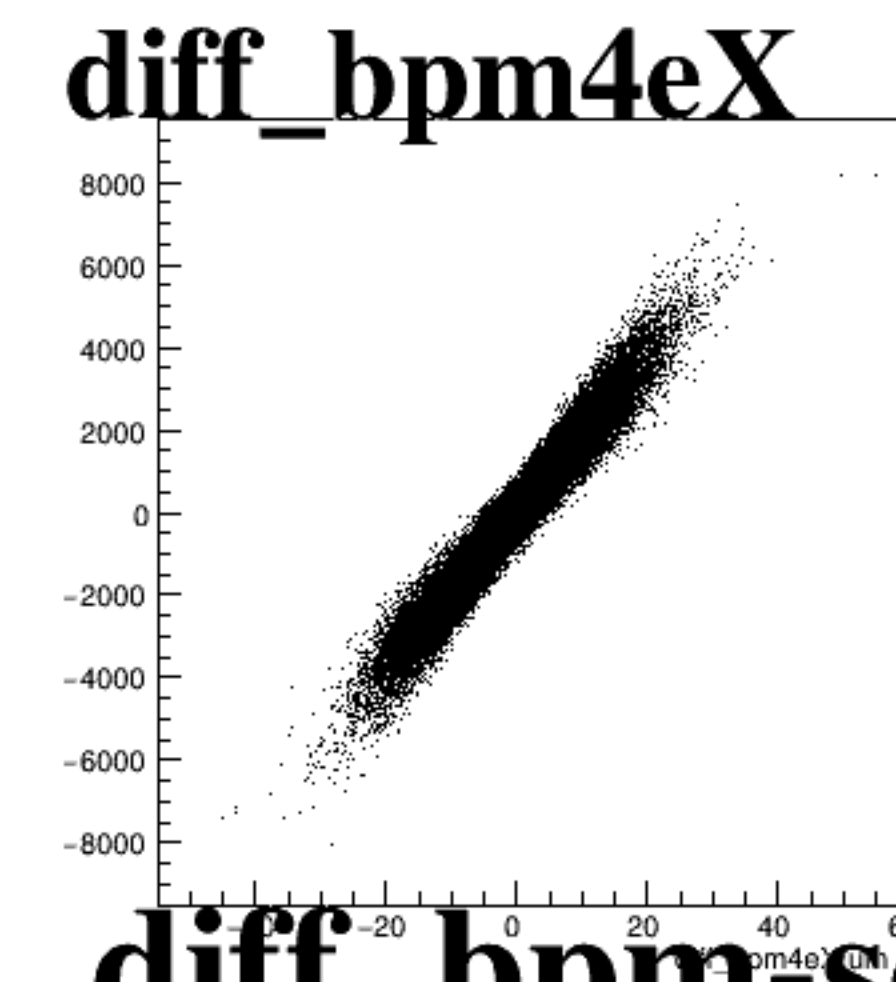
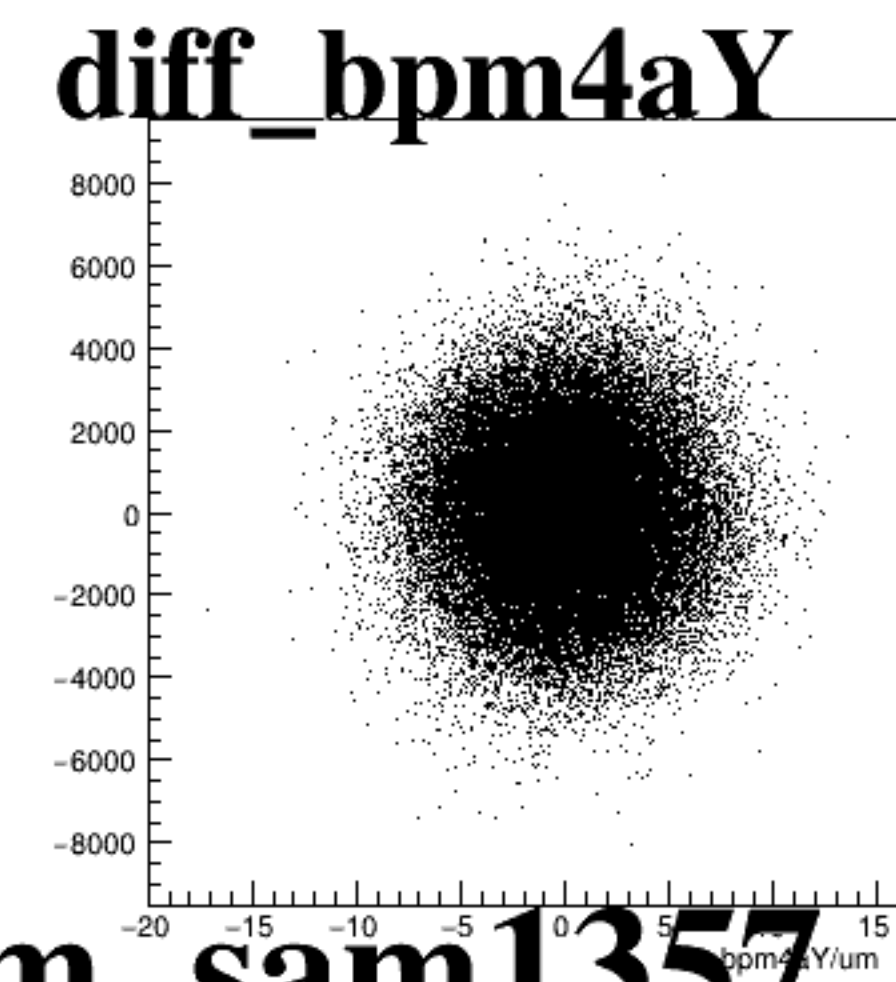
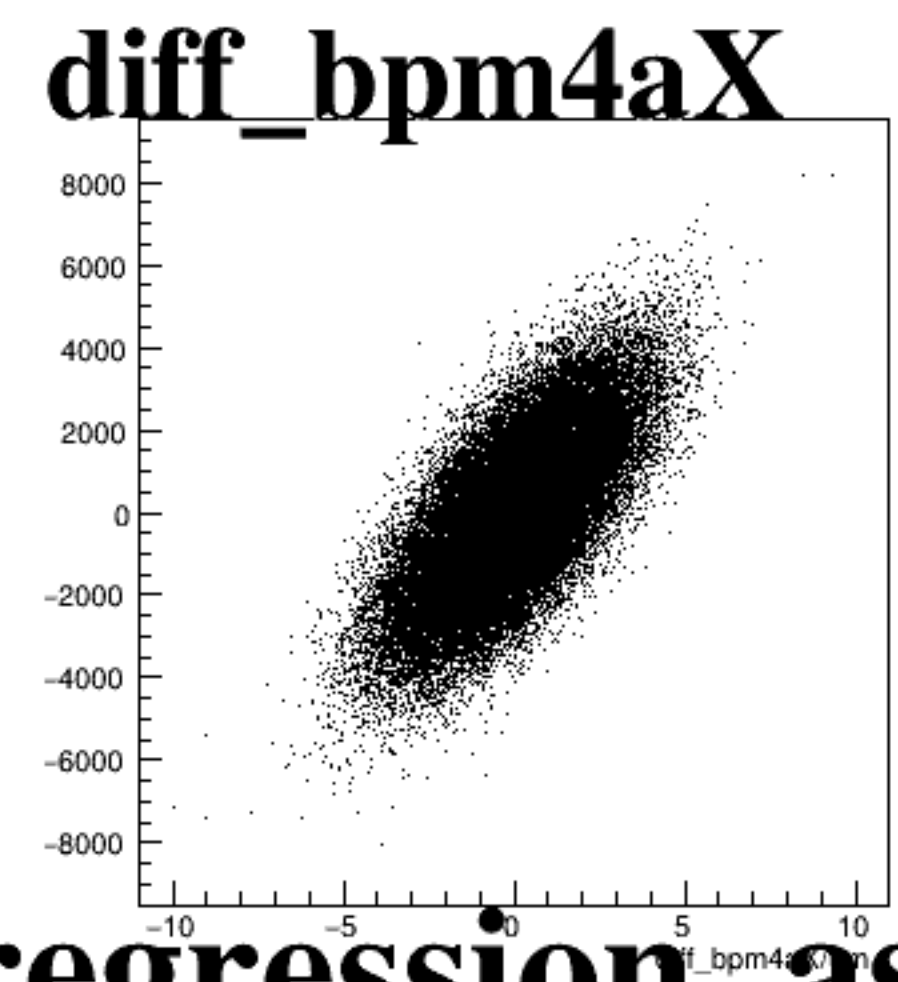
asym_sam3



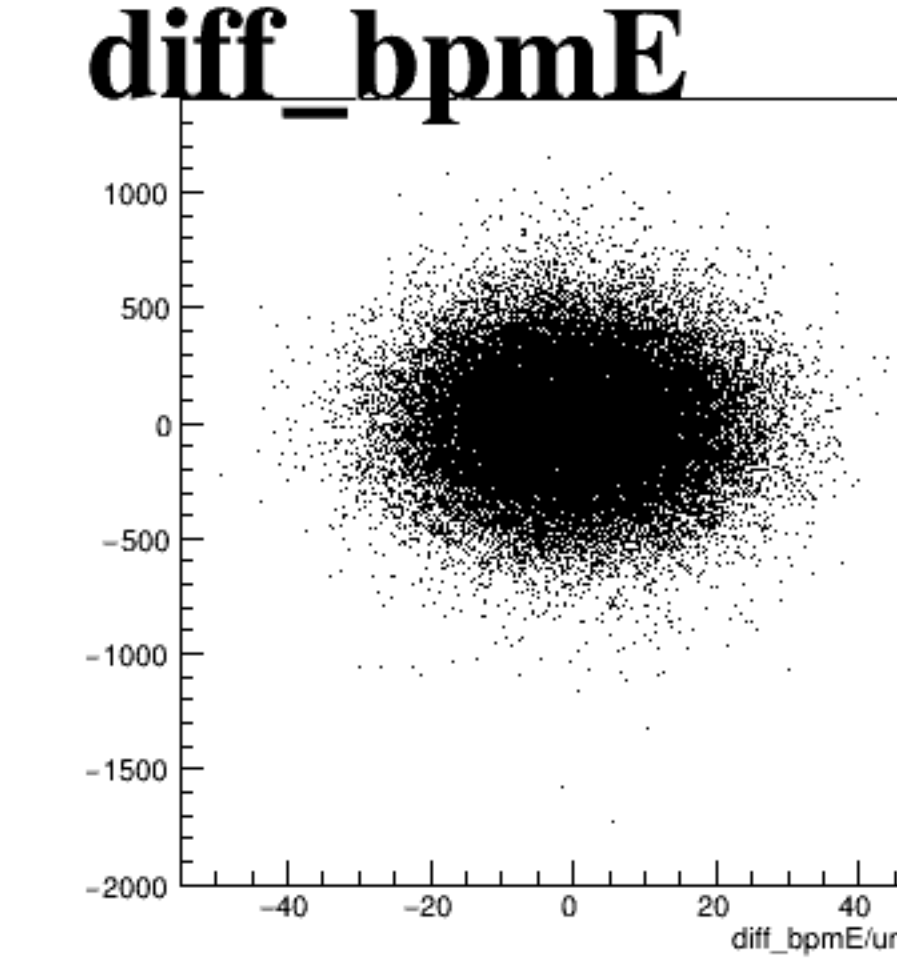
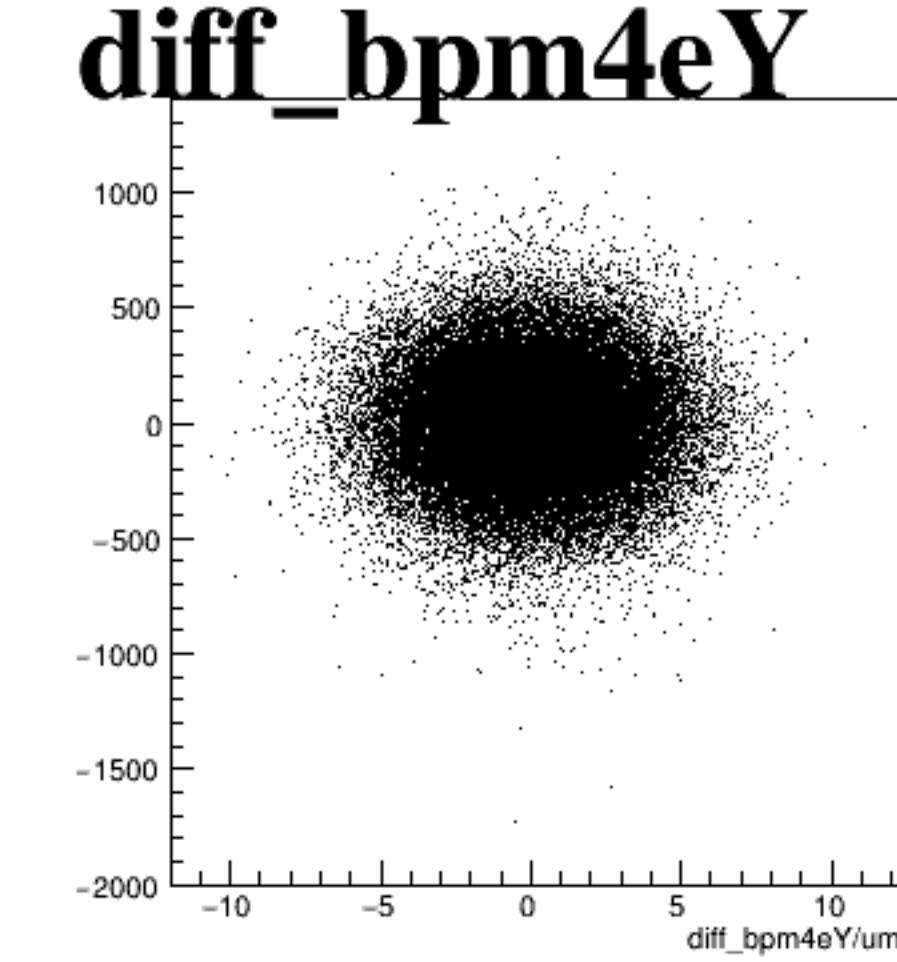
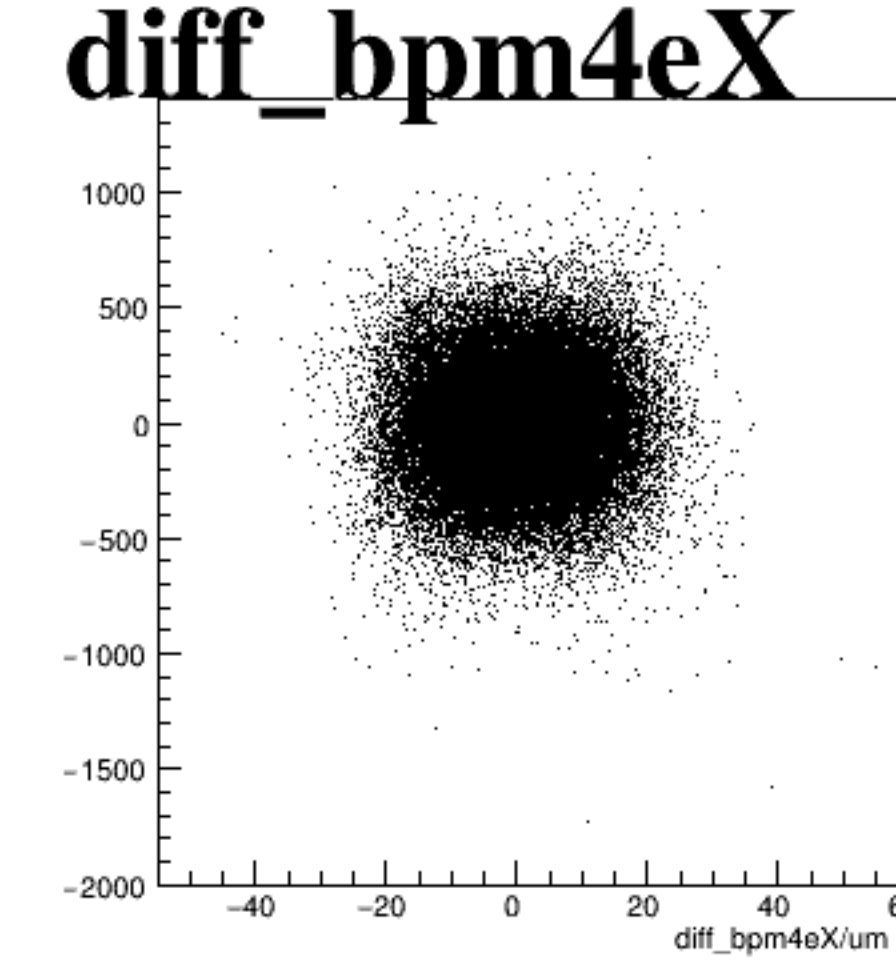
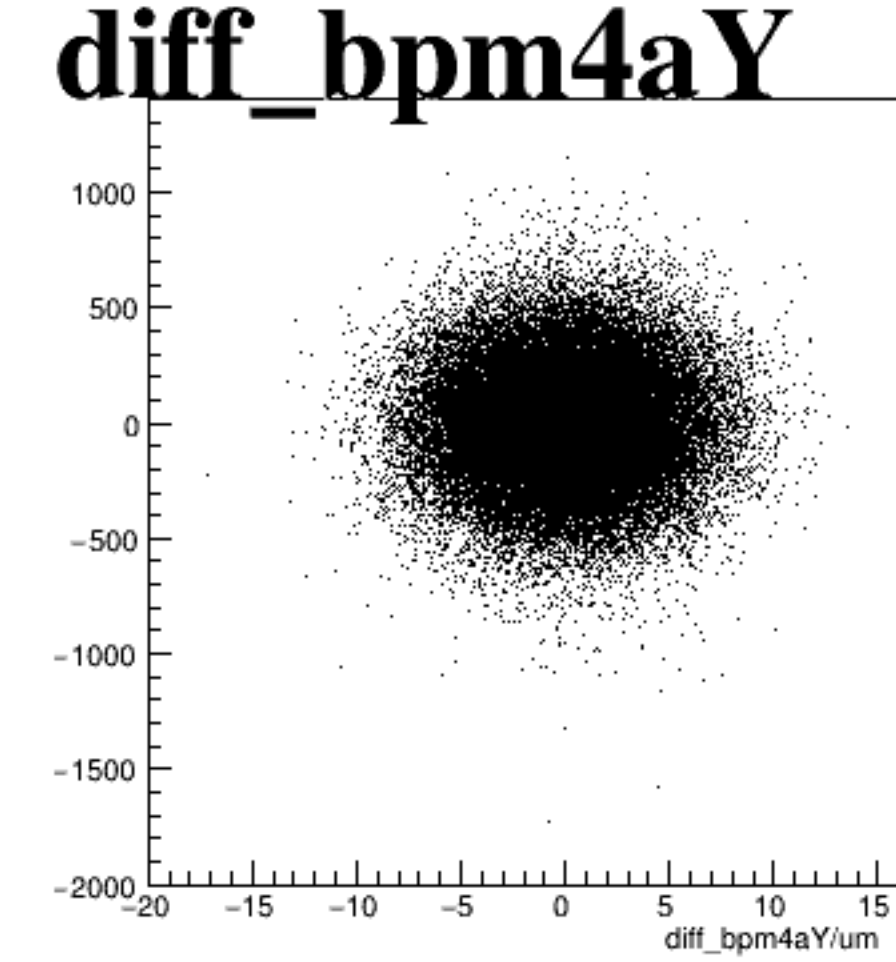
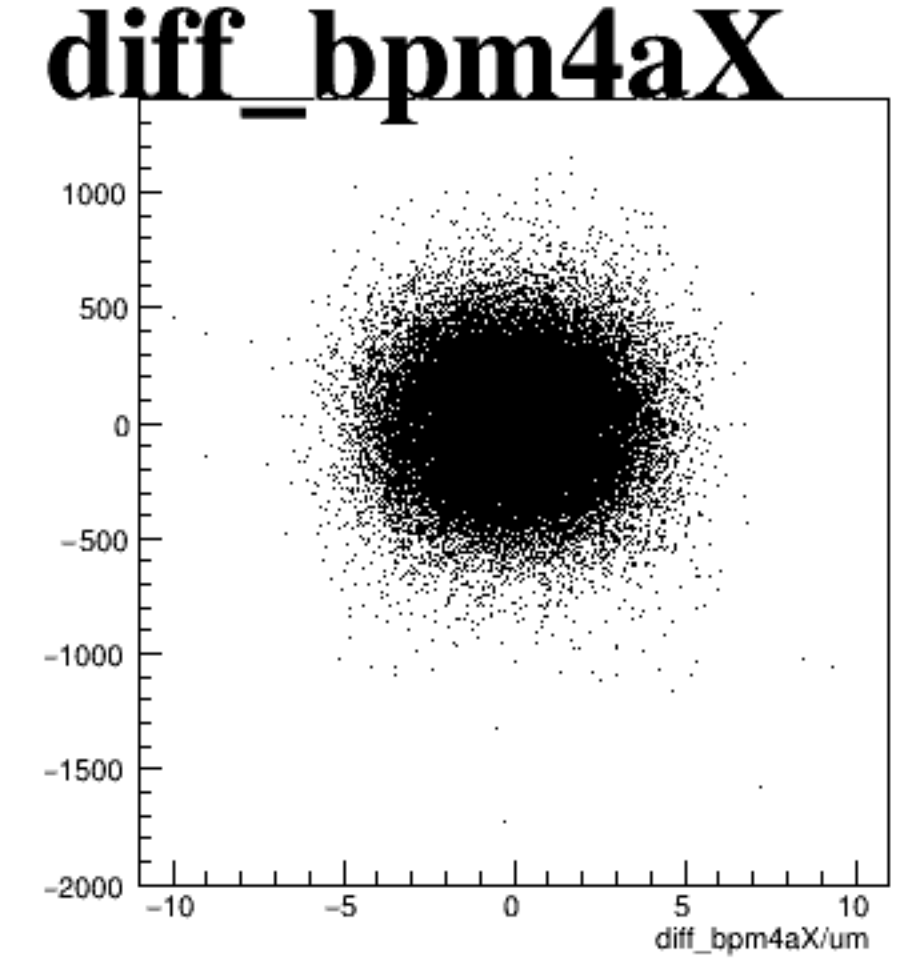
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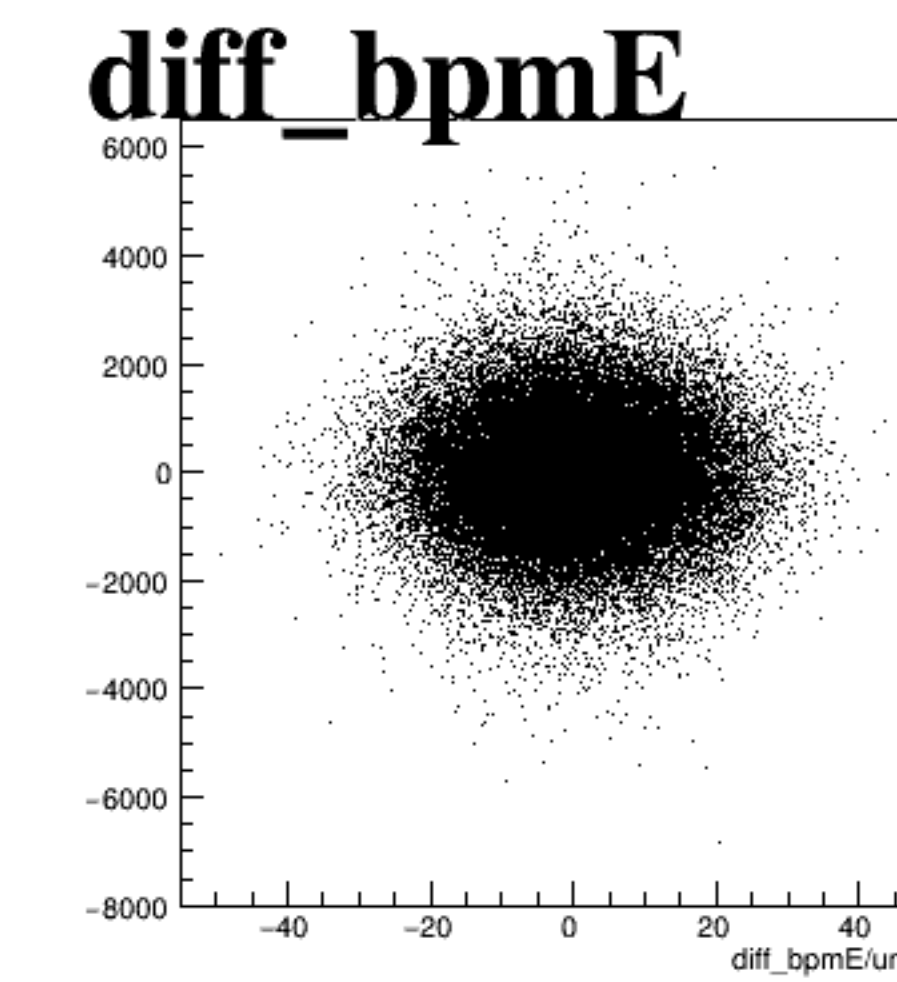
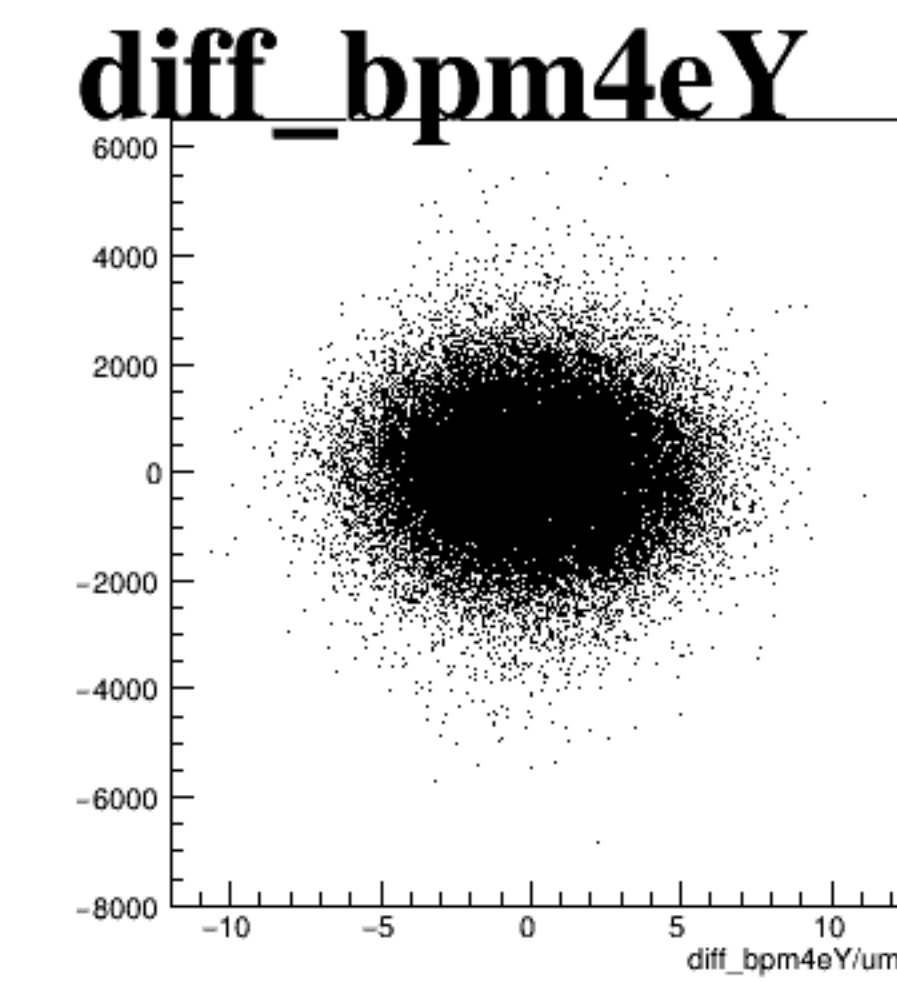
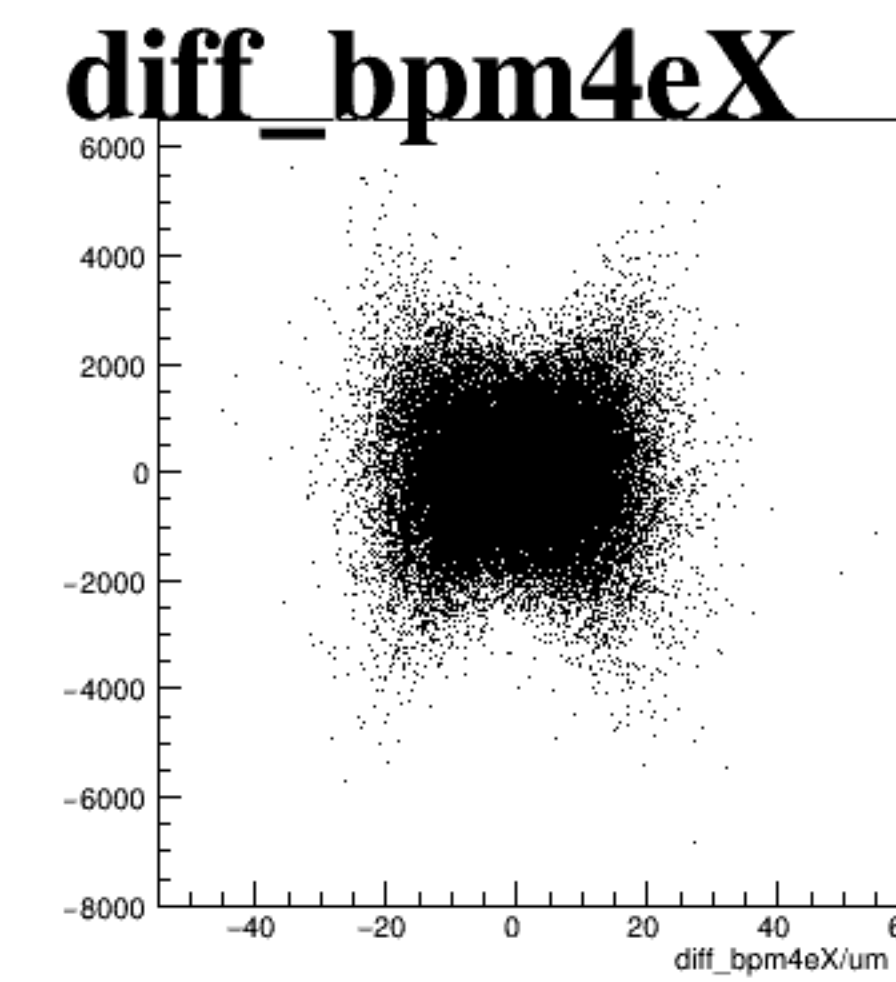
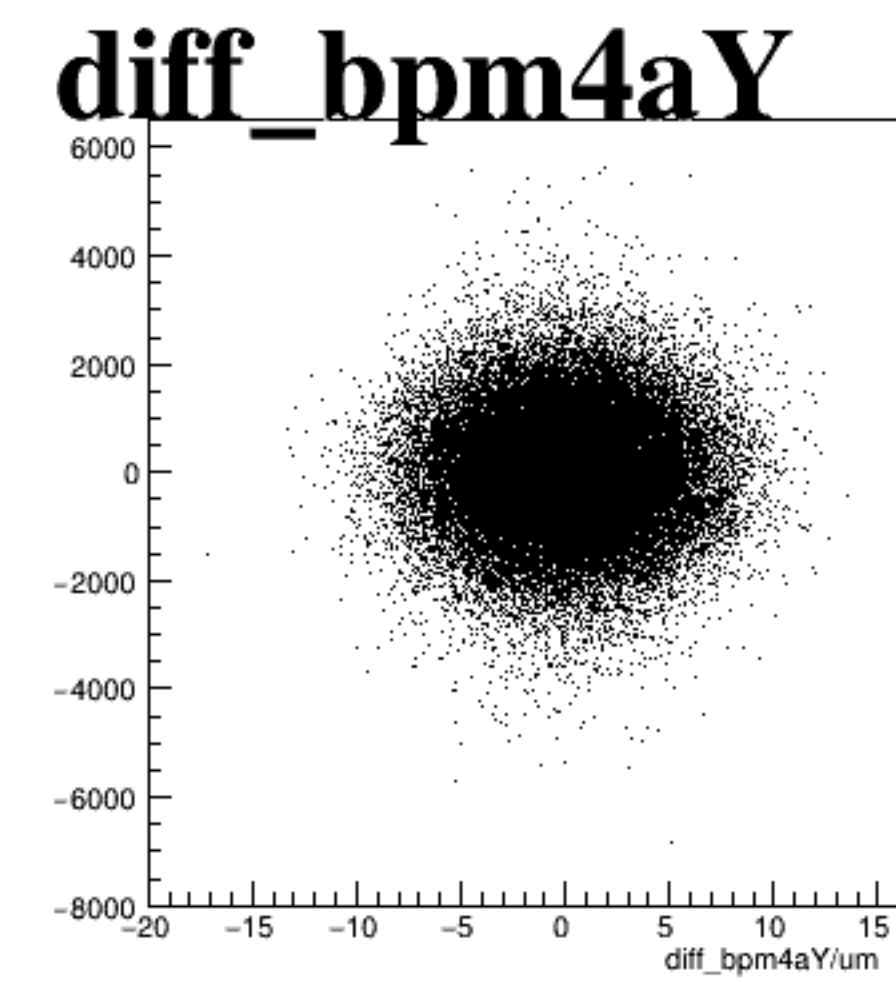
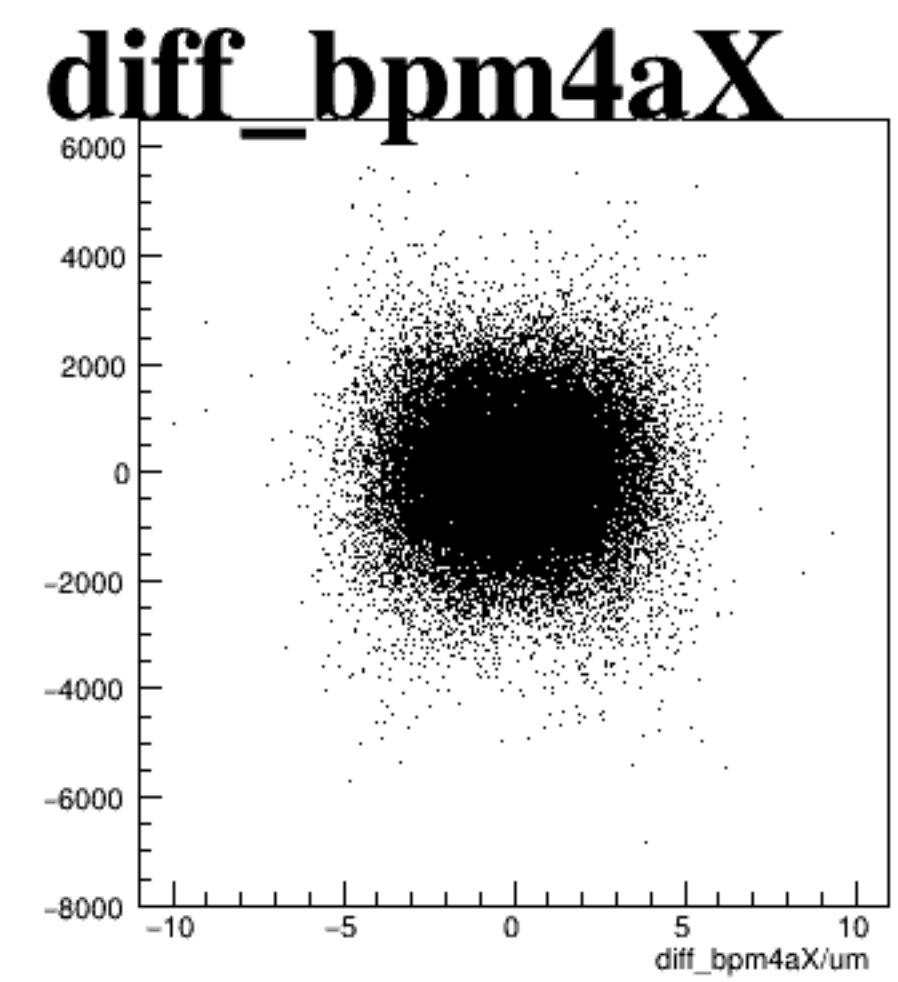
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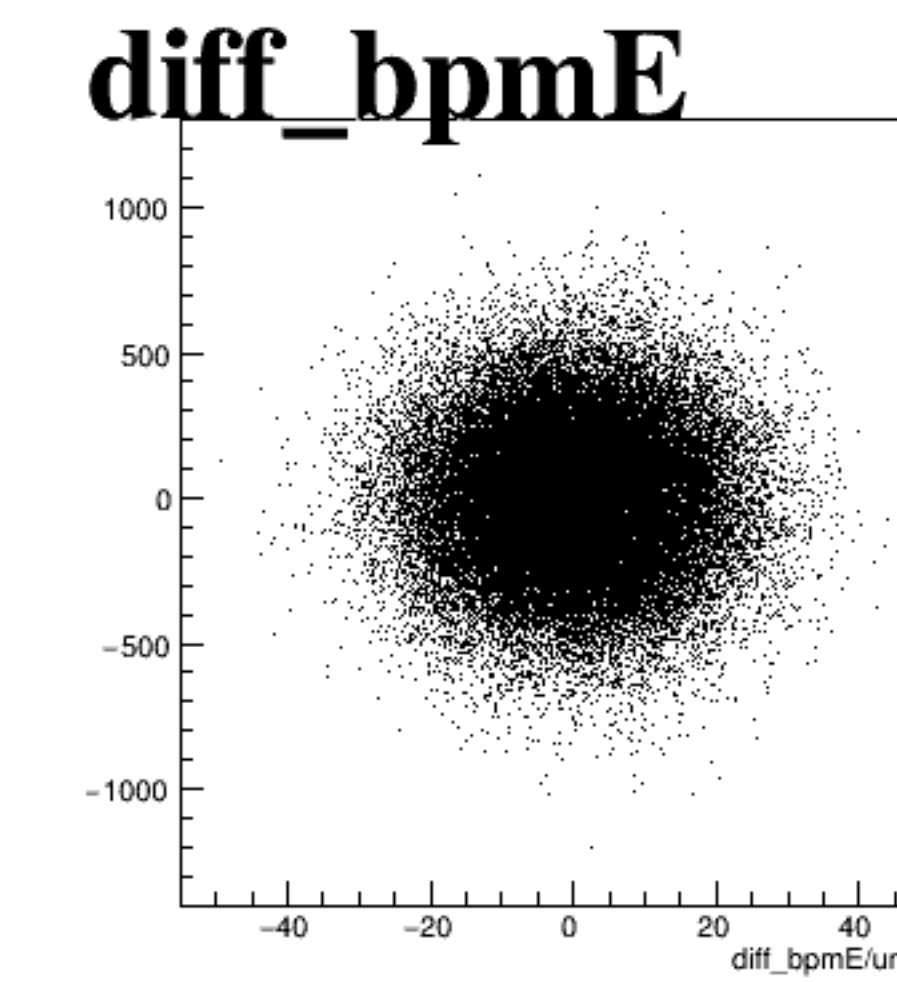
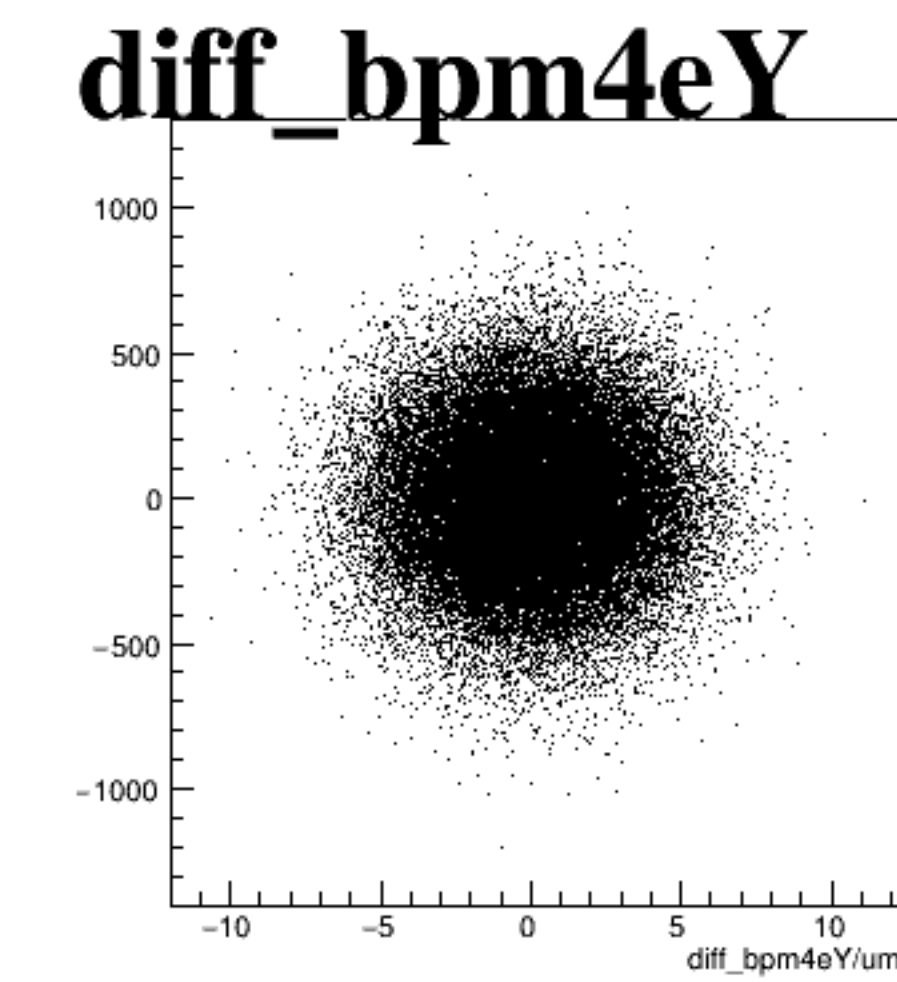
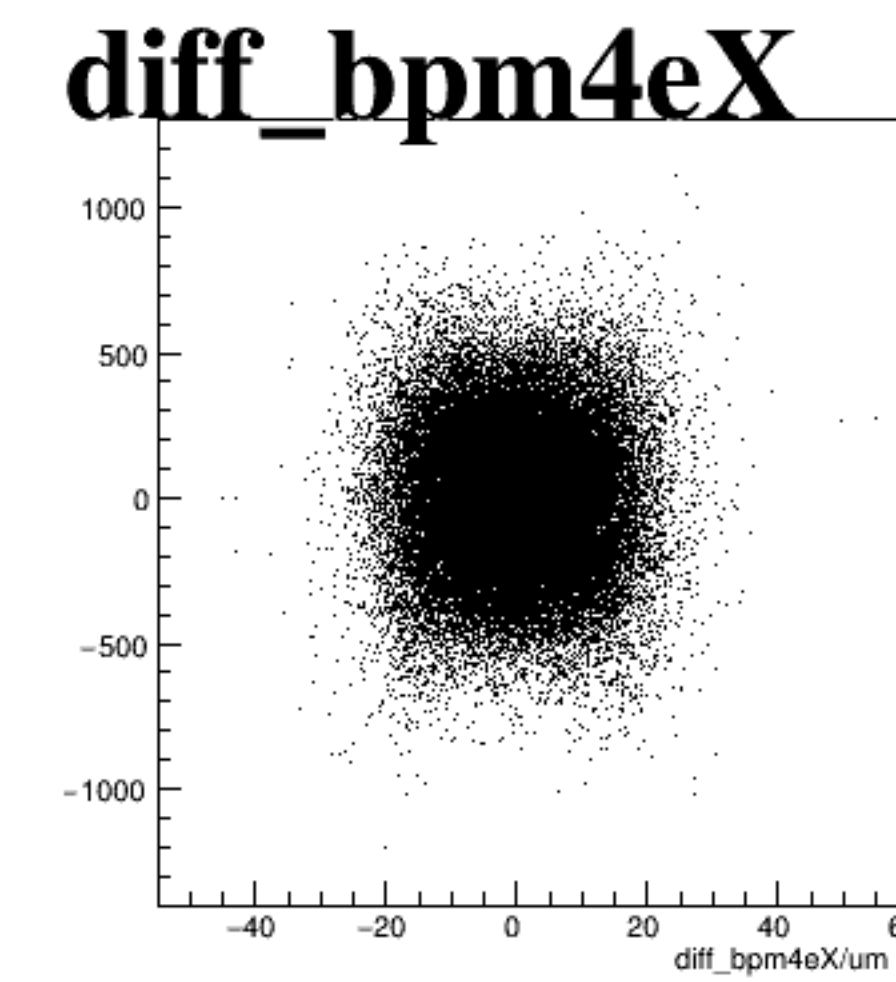
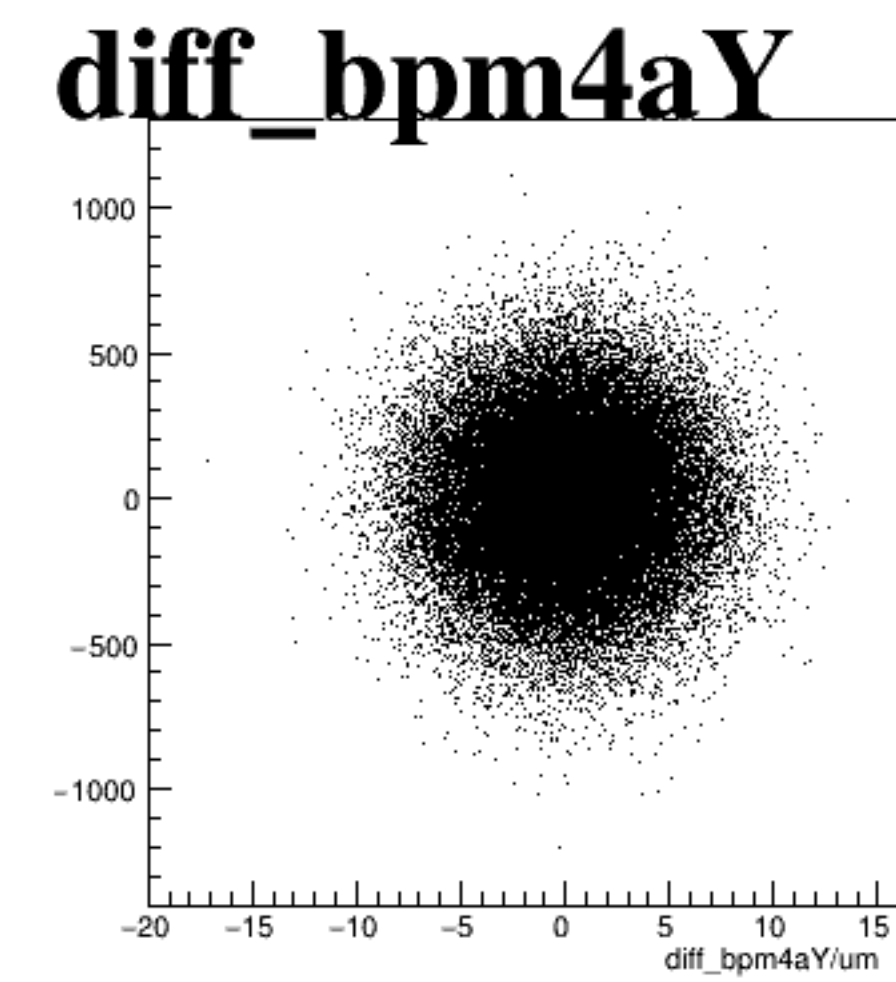
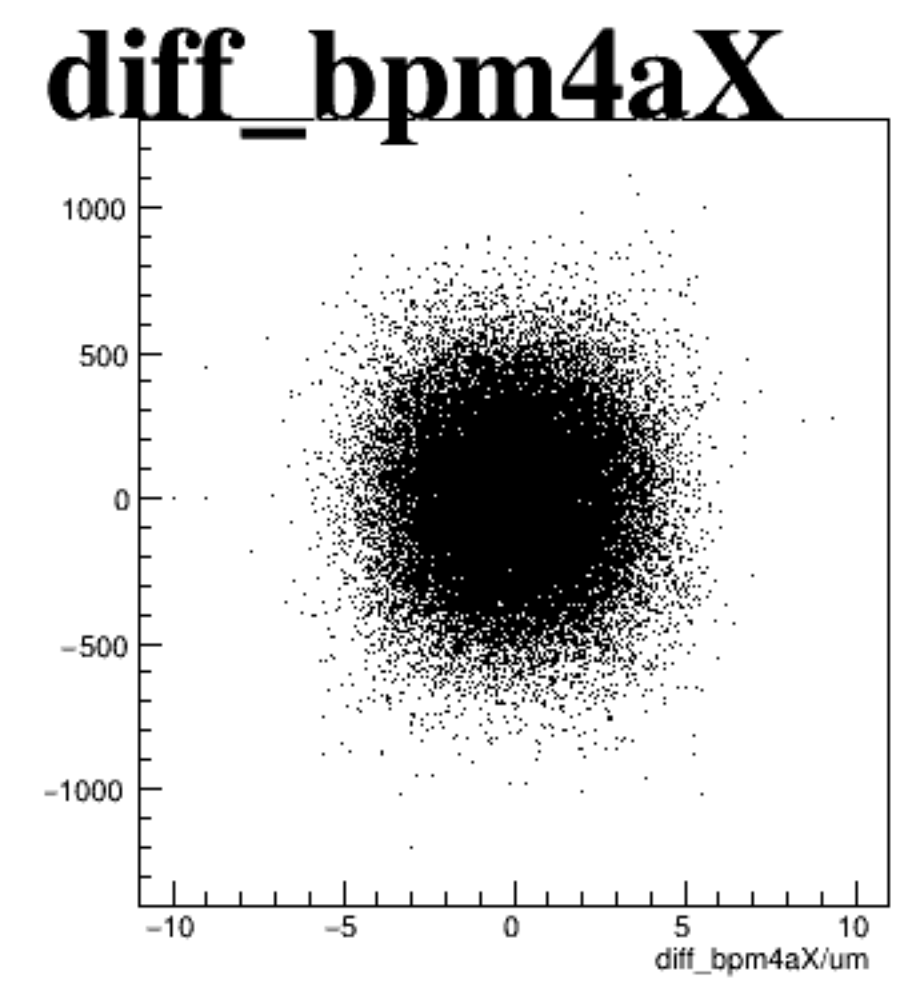
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

