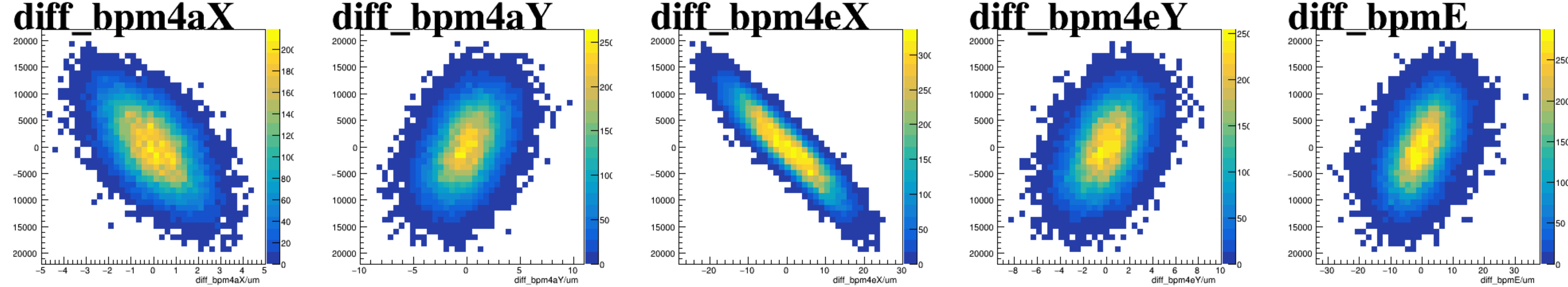
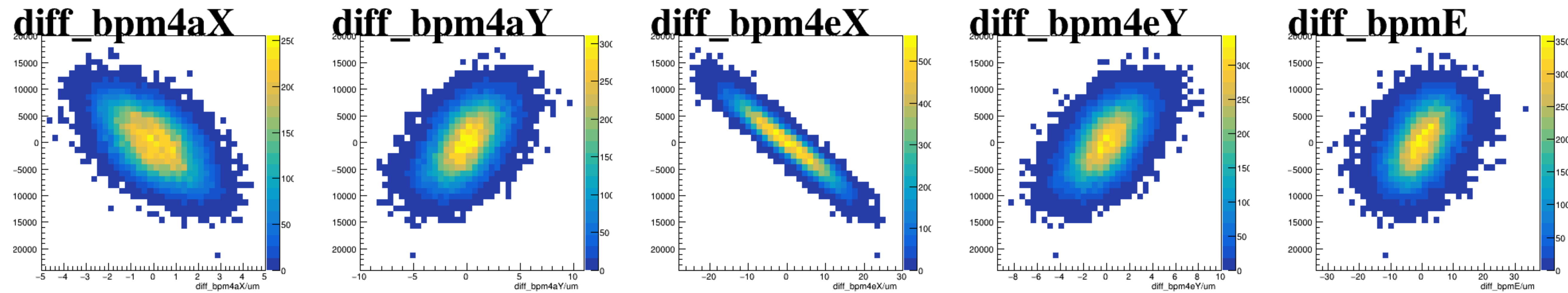


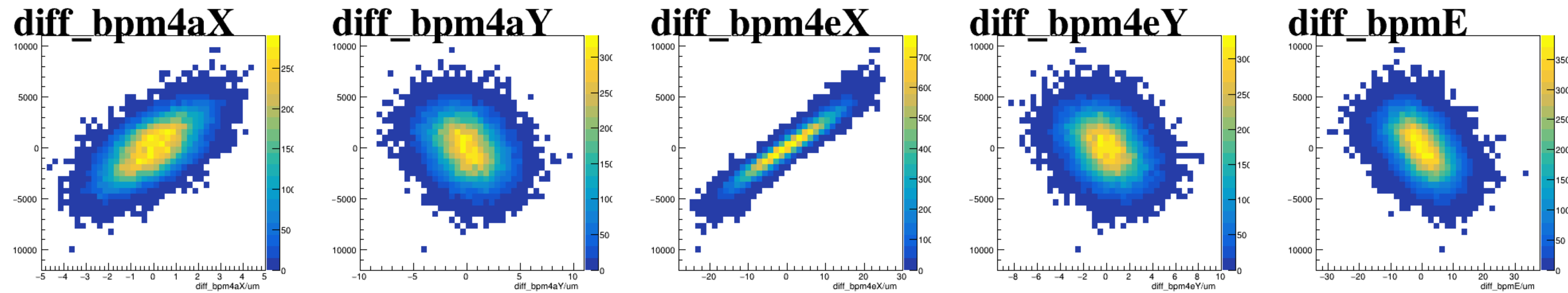
asym_sam2



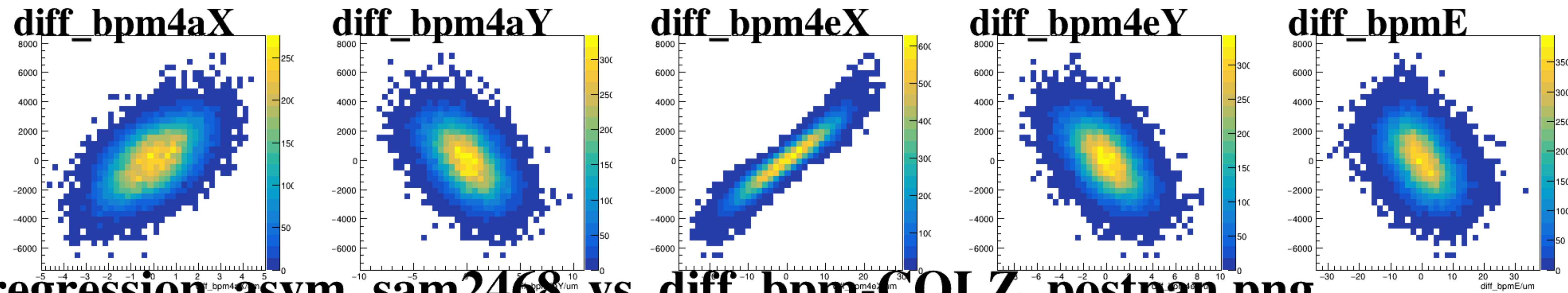
asym_sam4



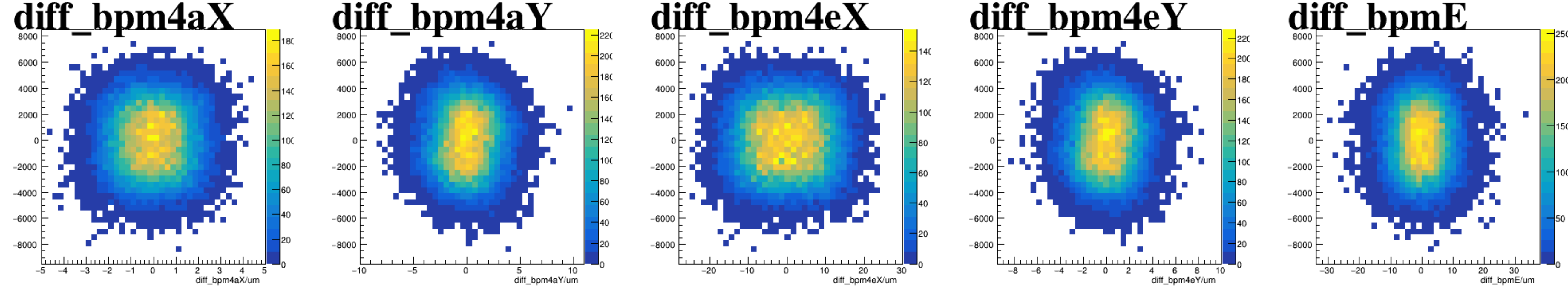
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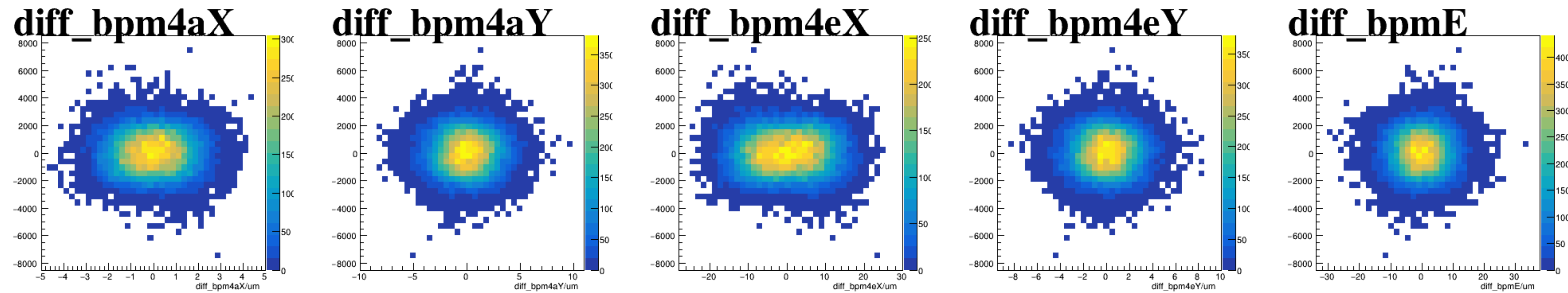
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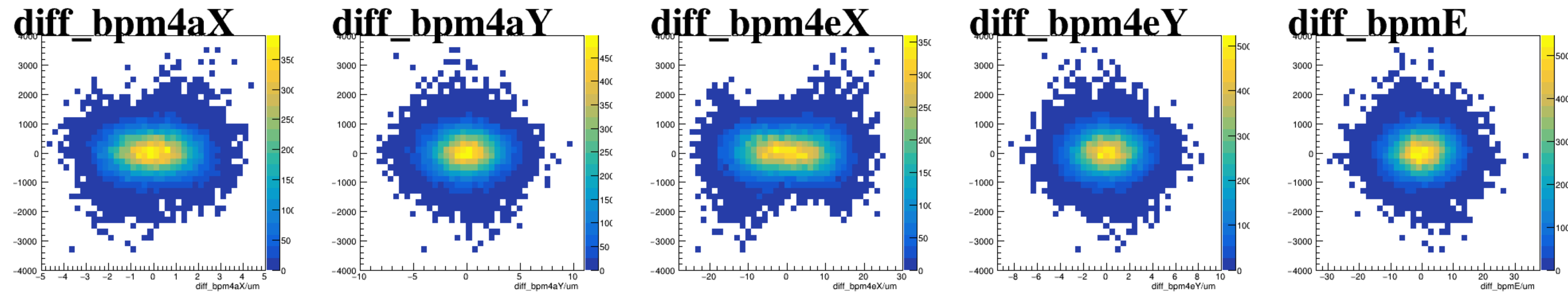
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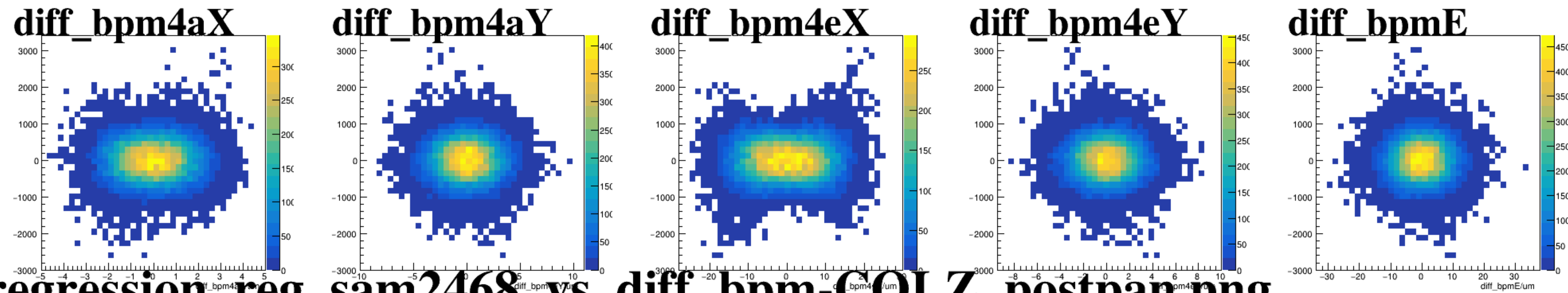
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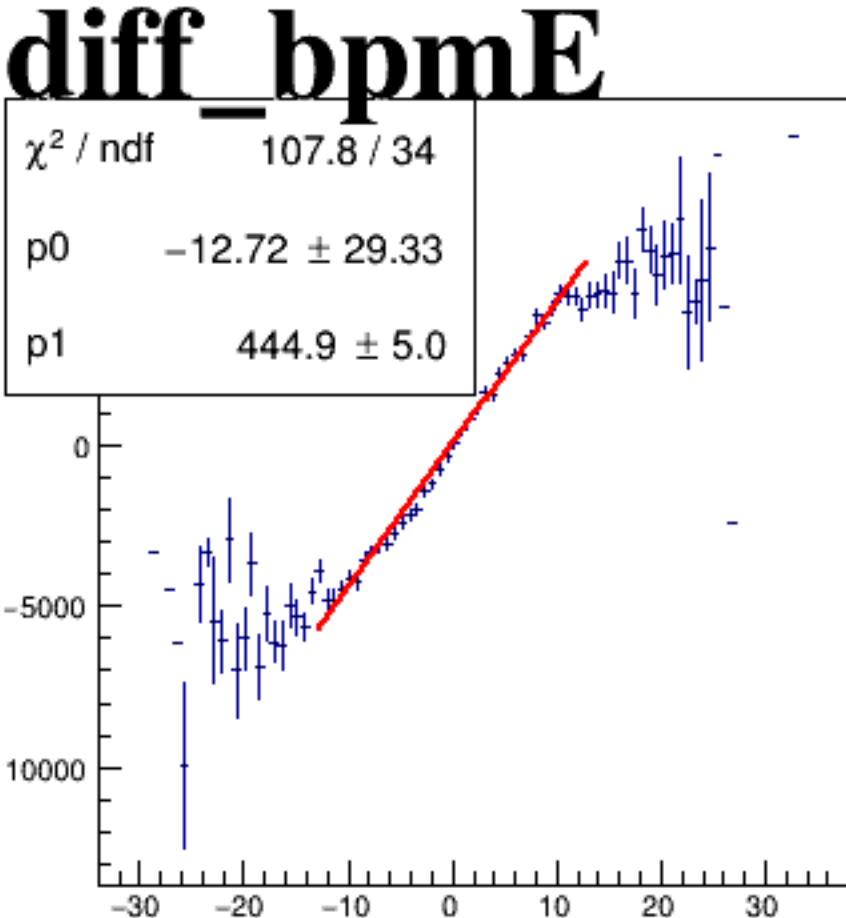
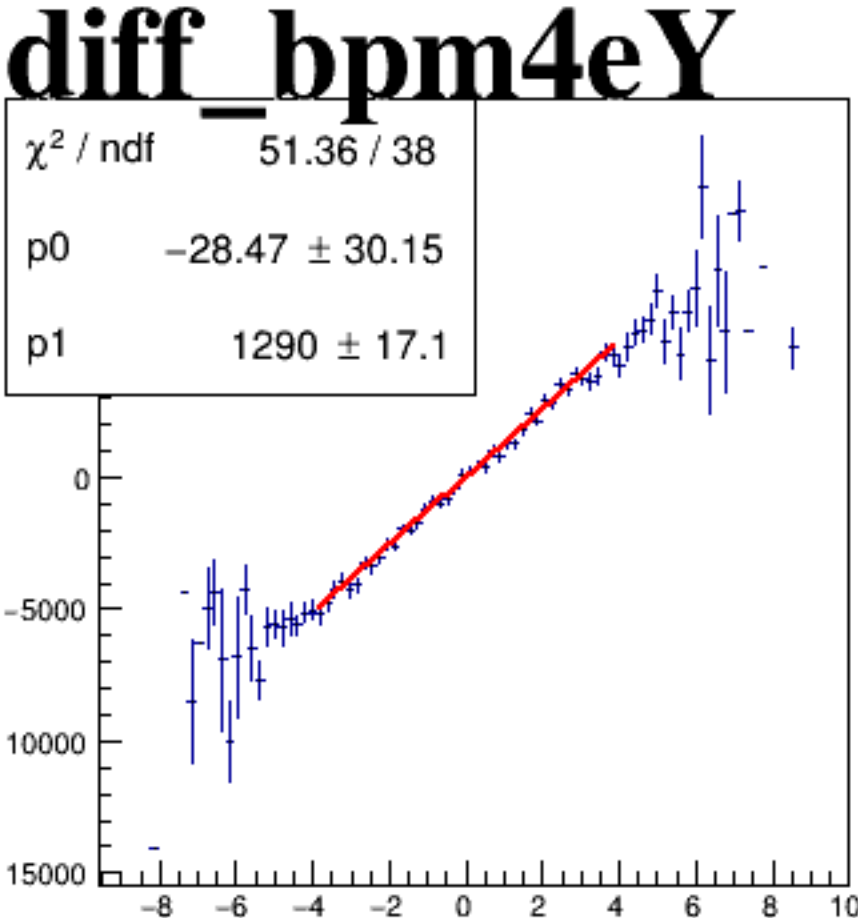
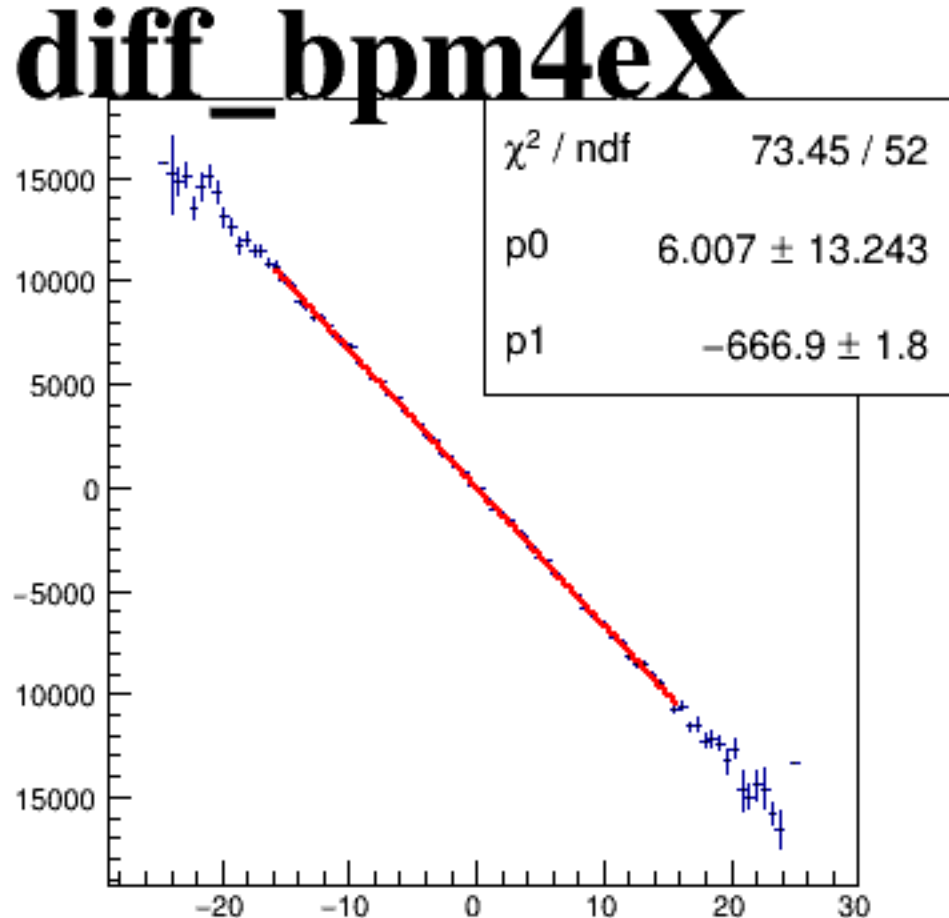
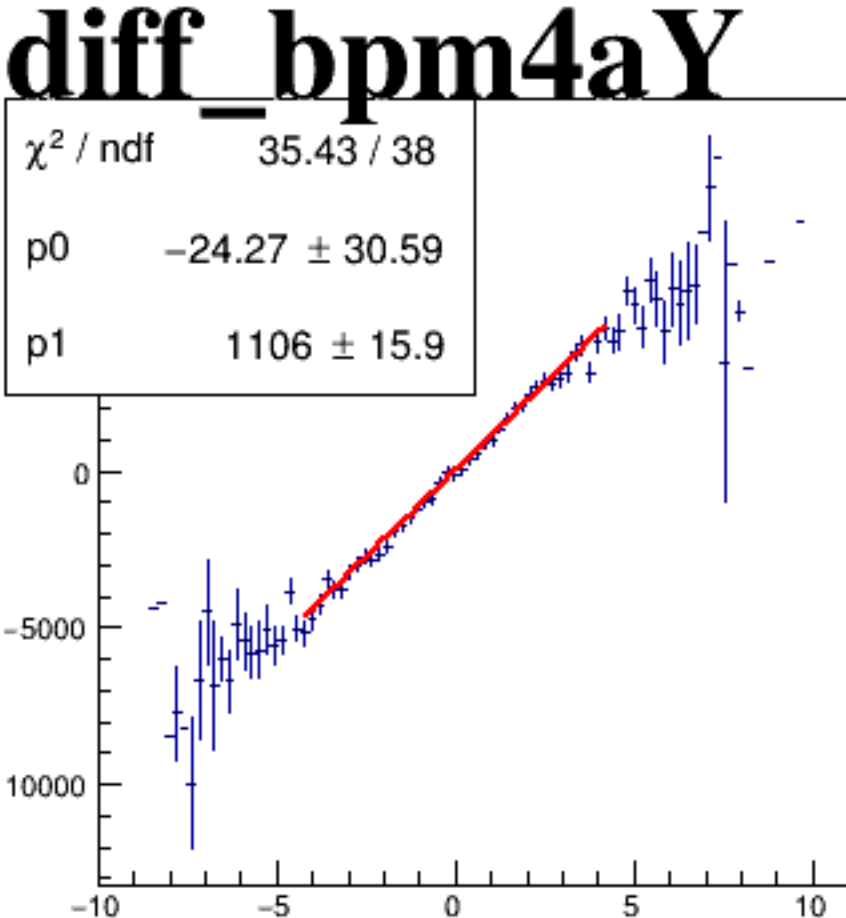
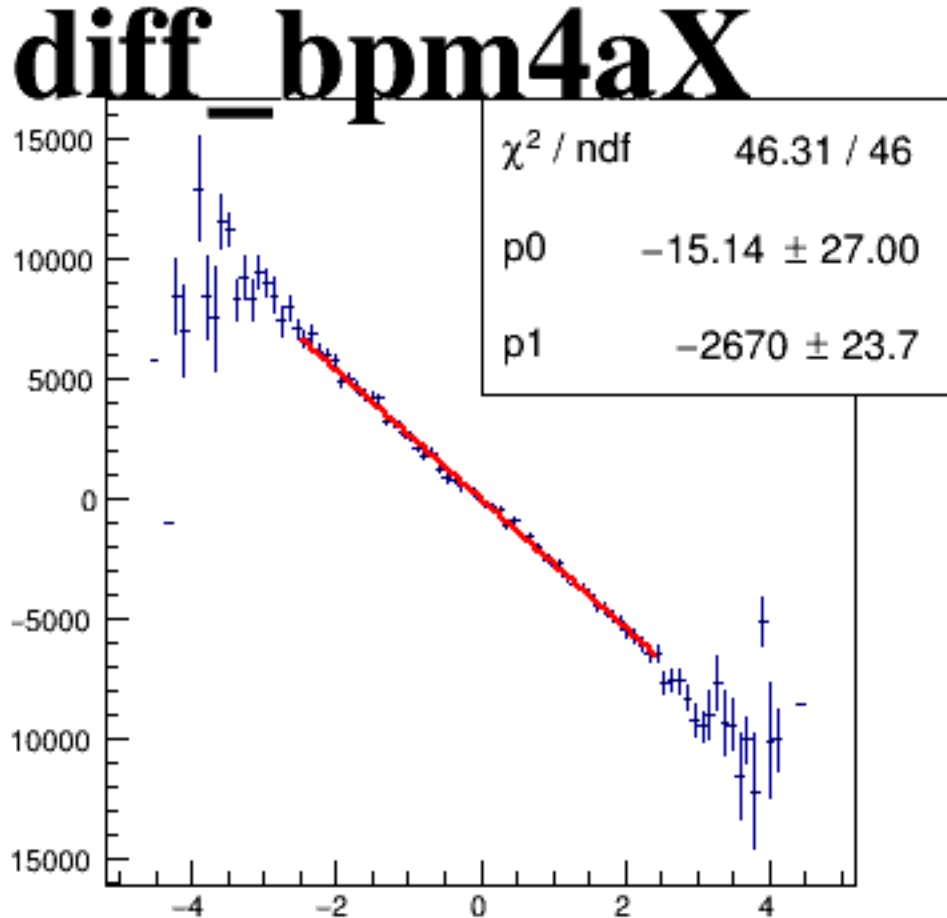
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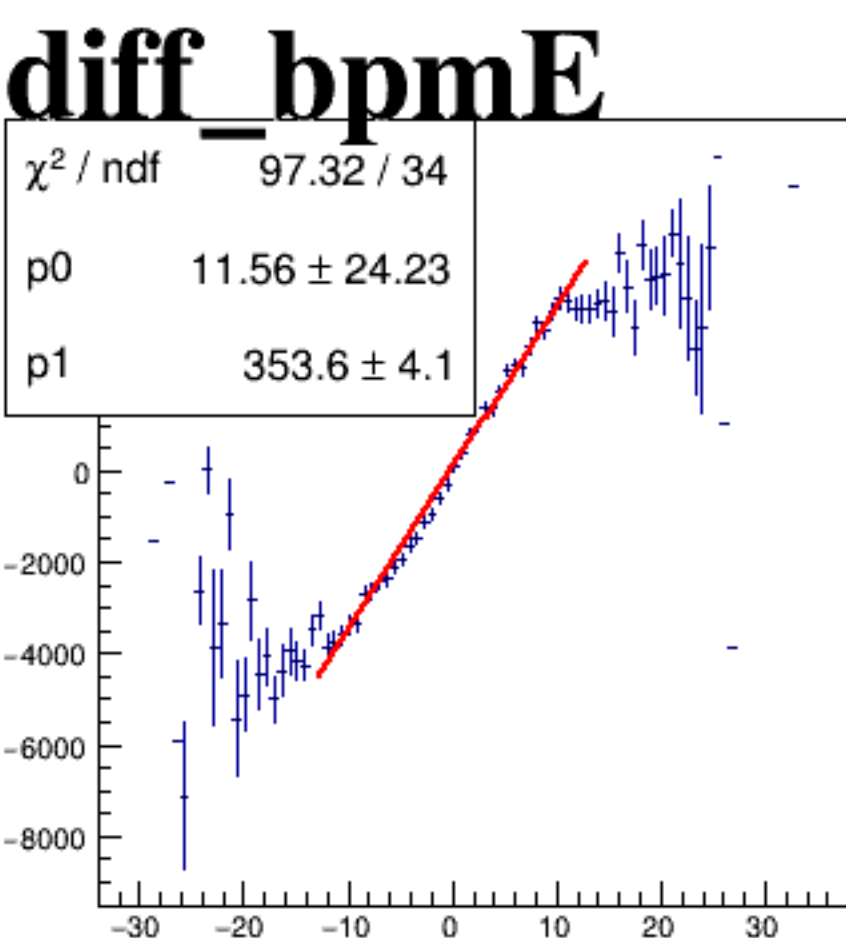
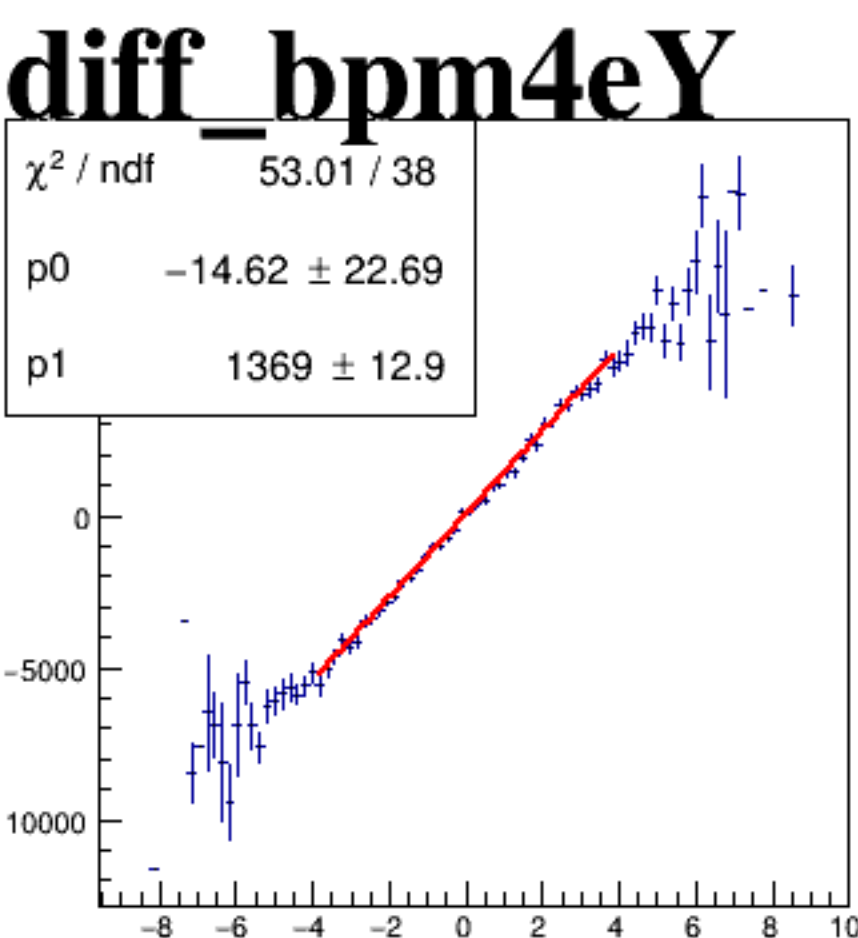
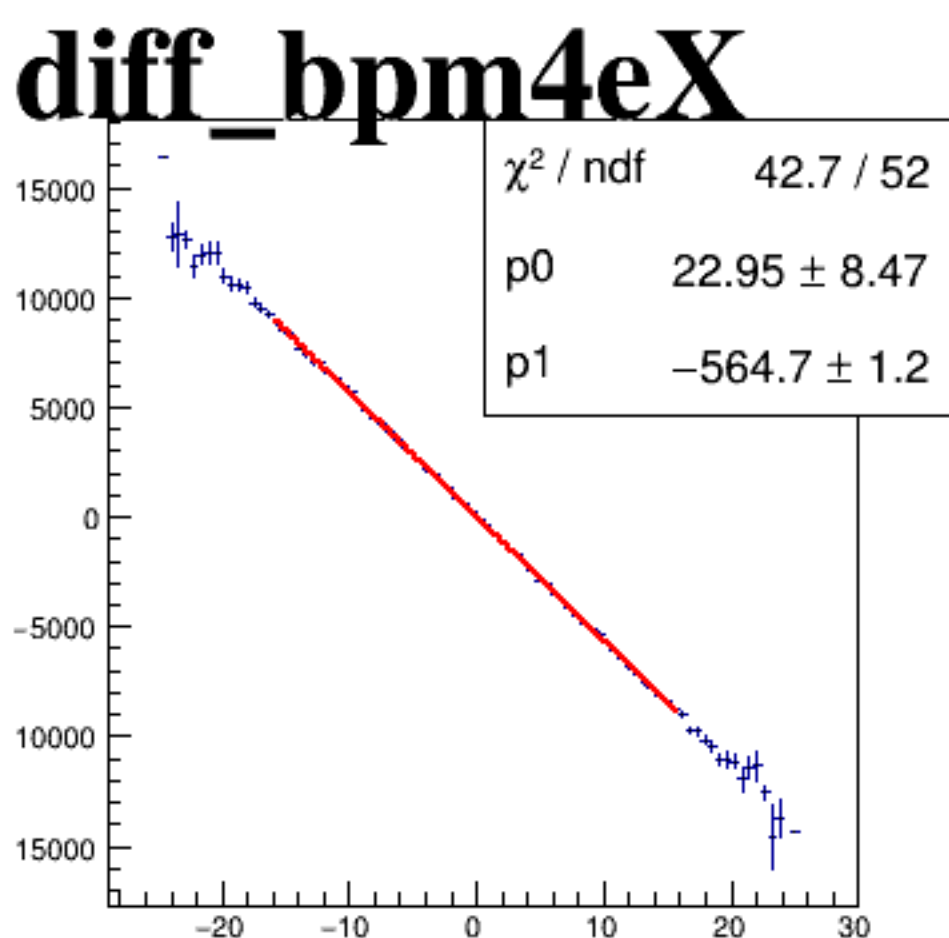
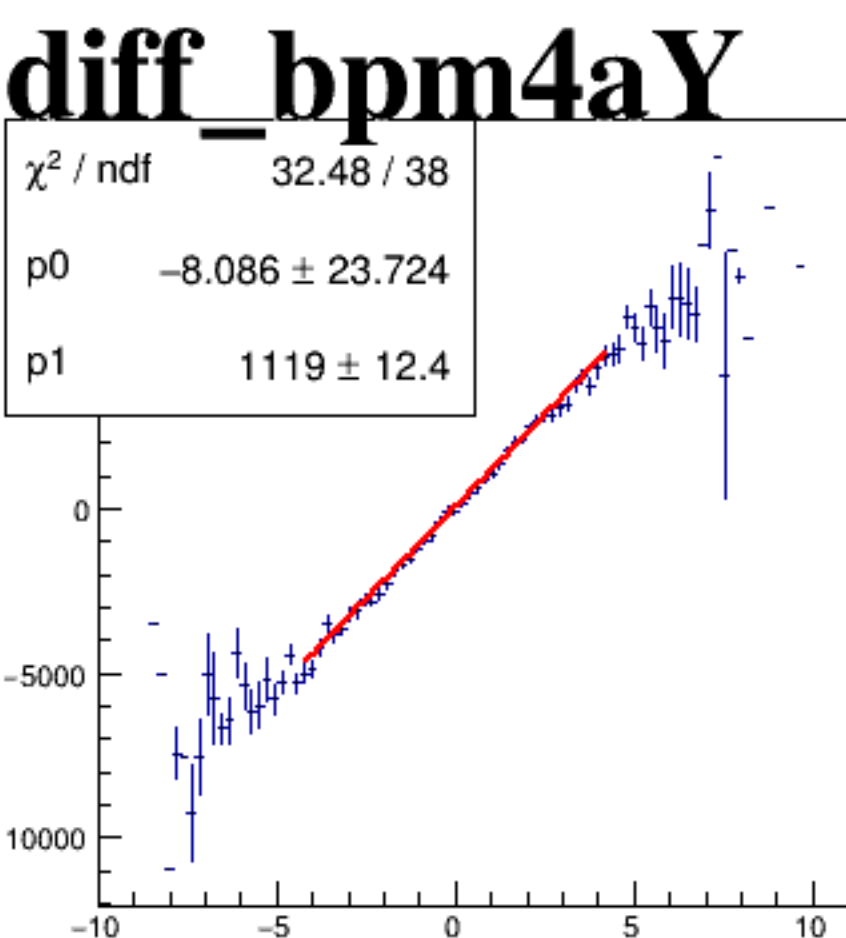
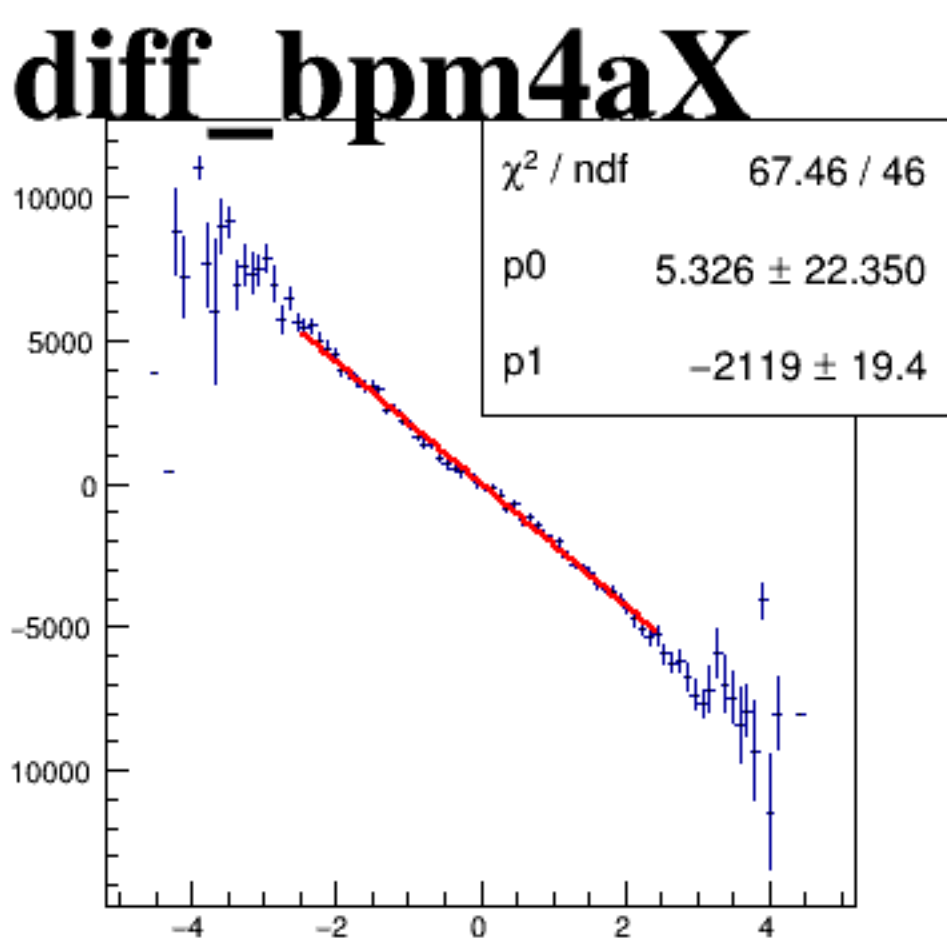
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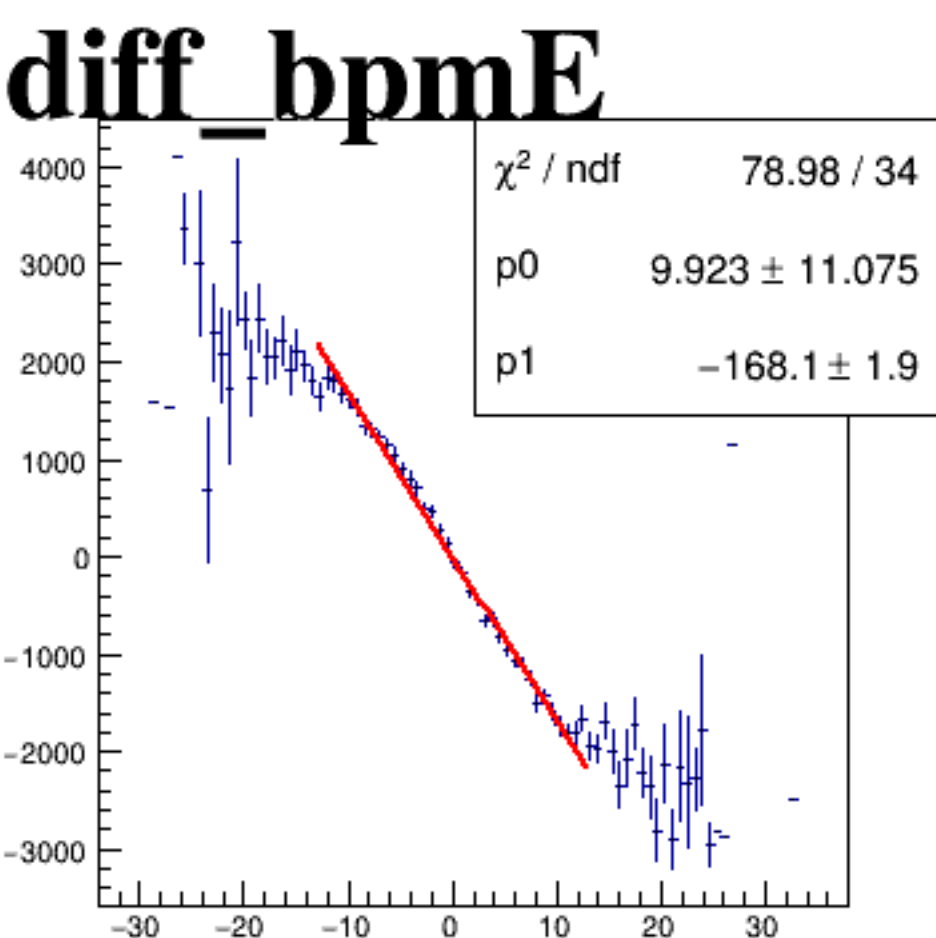
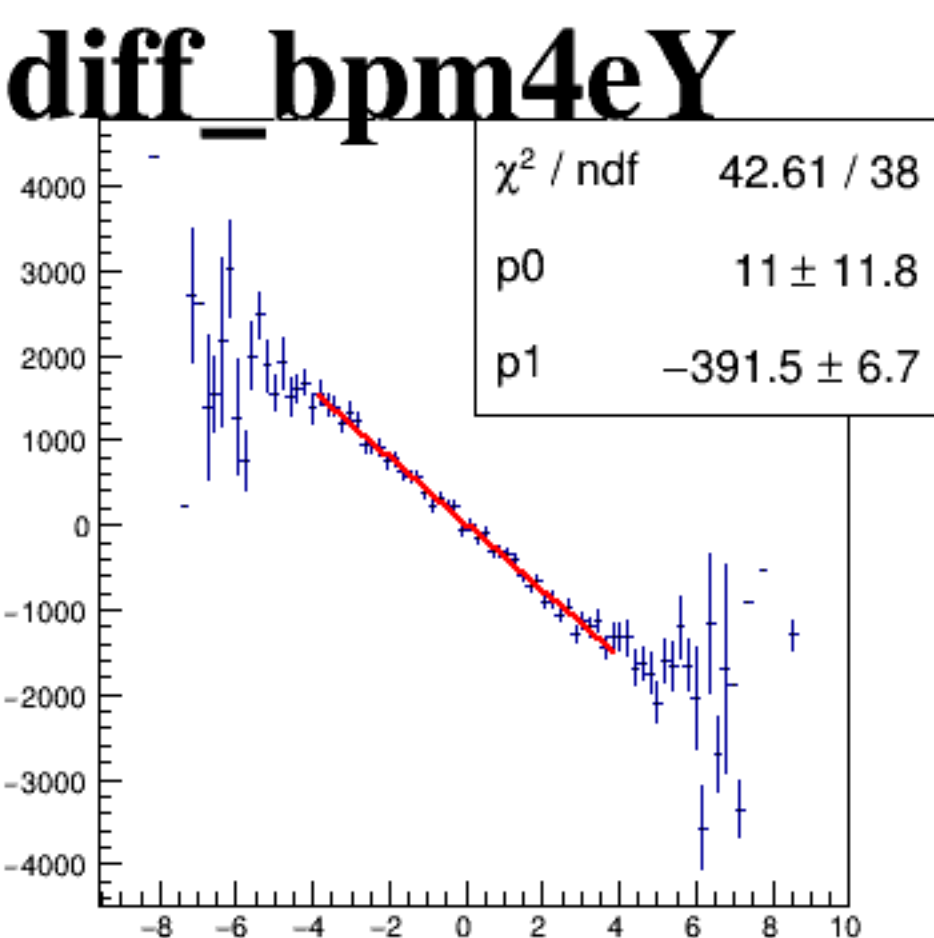
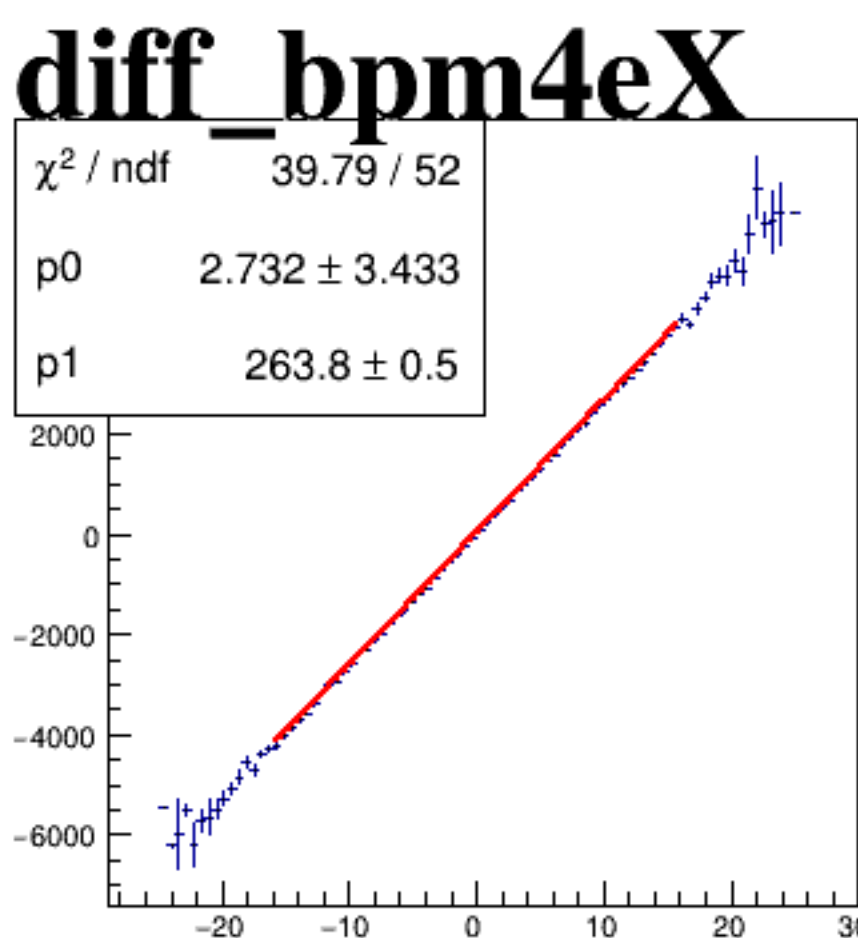
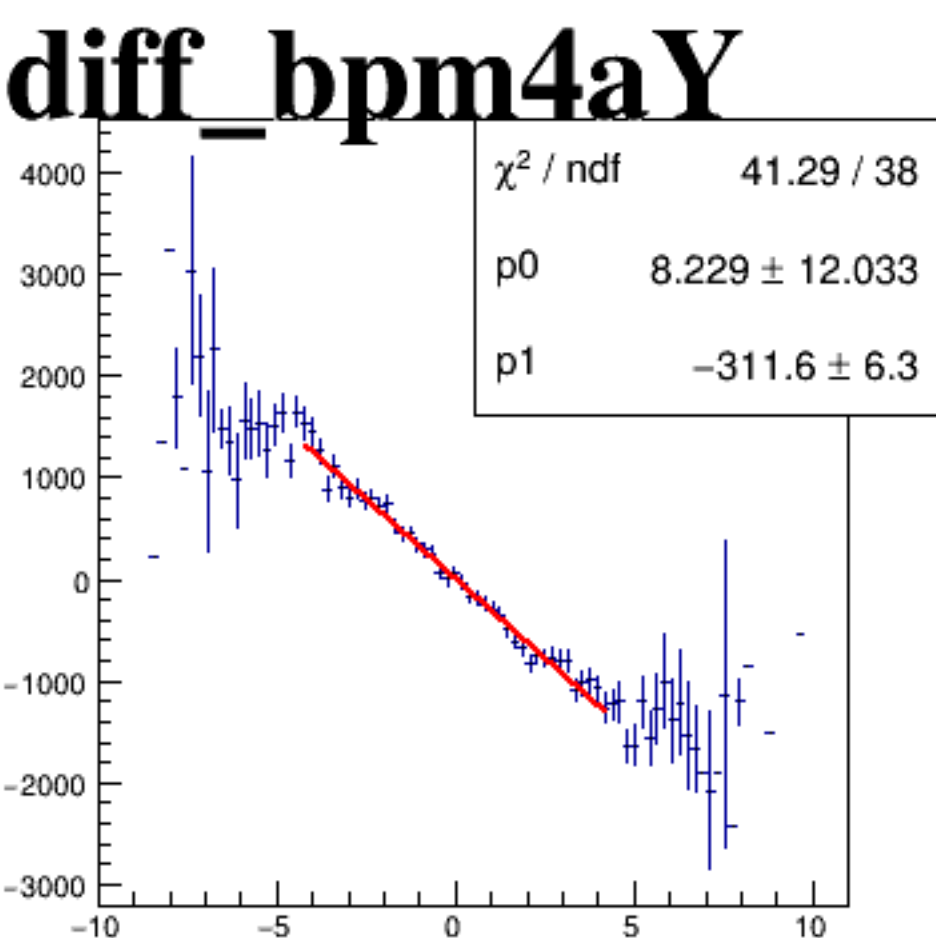
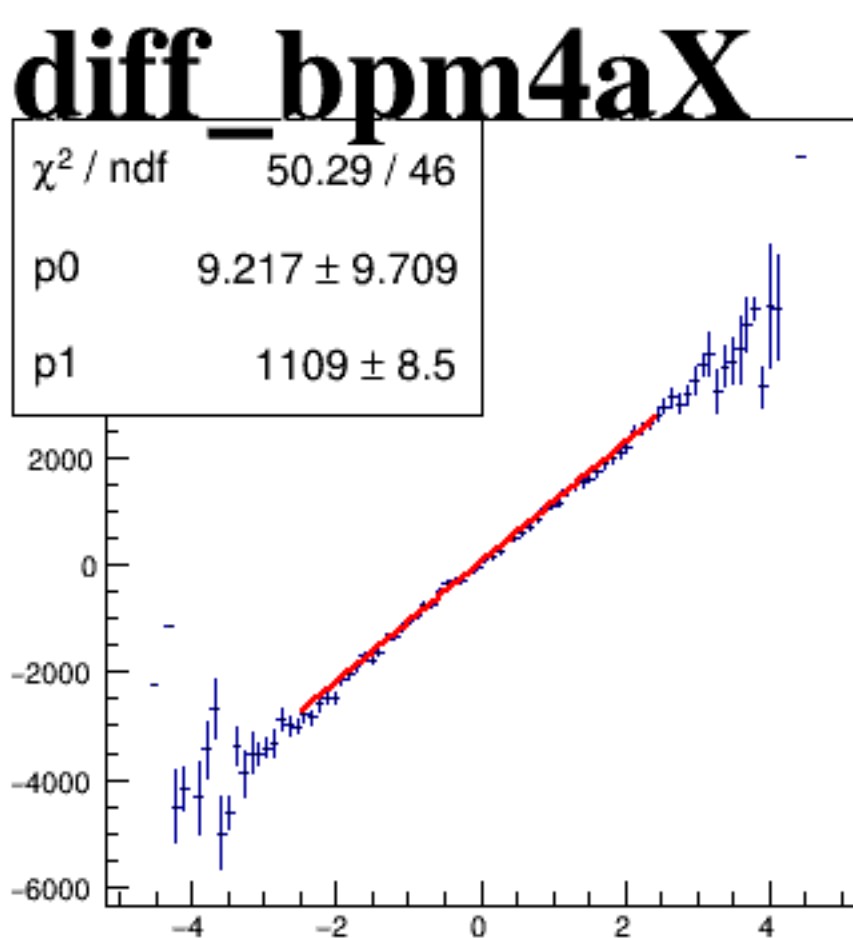
asym_sam2



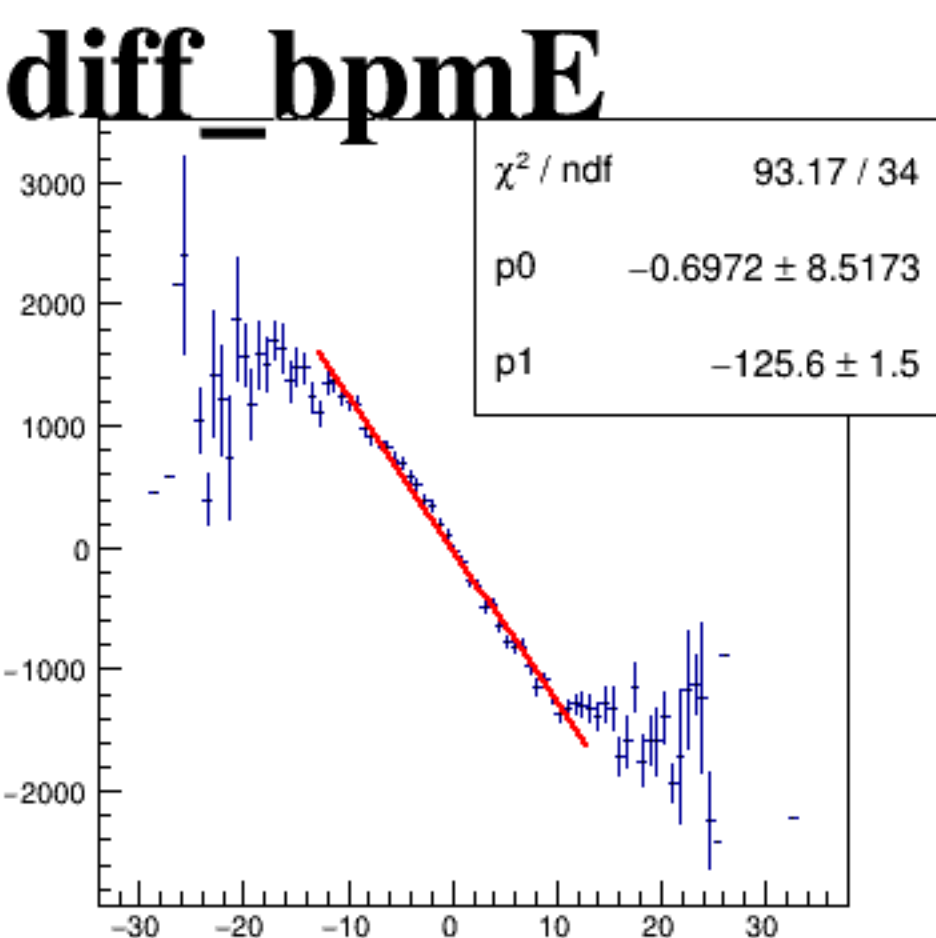
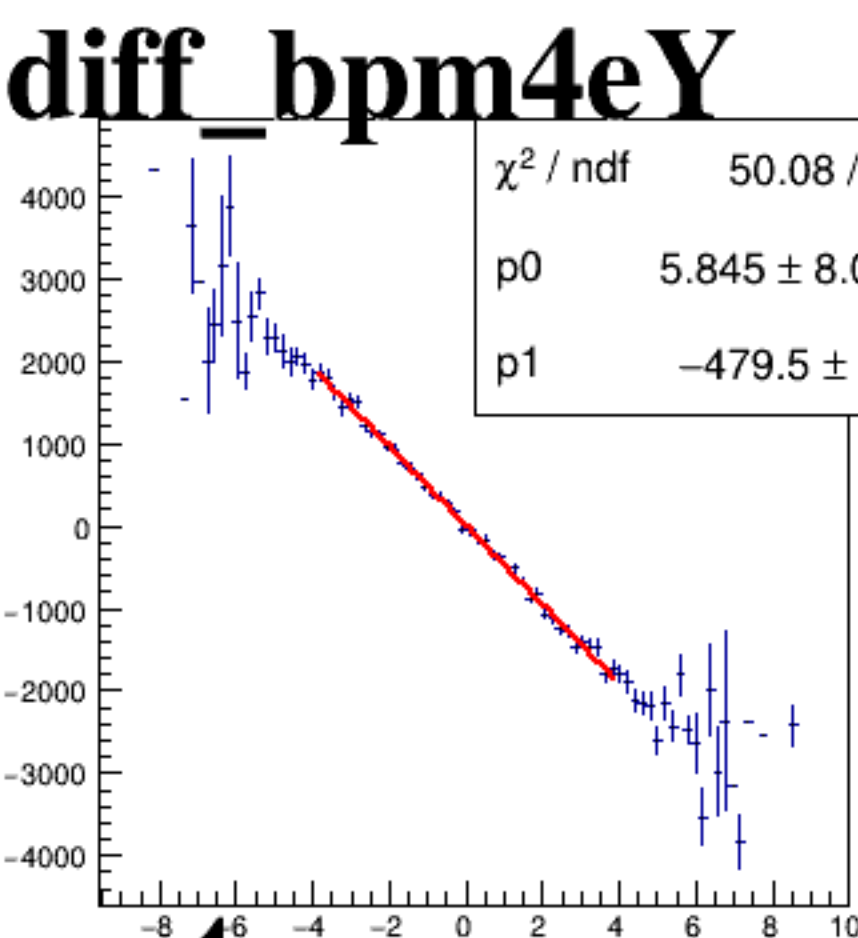
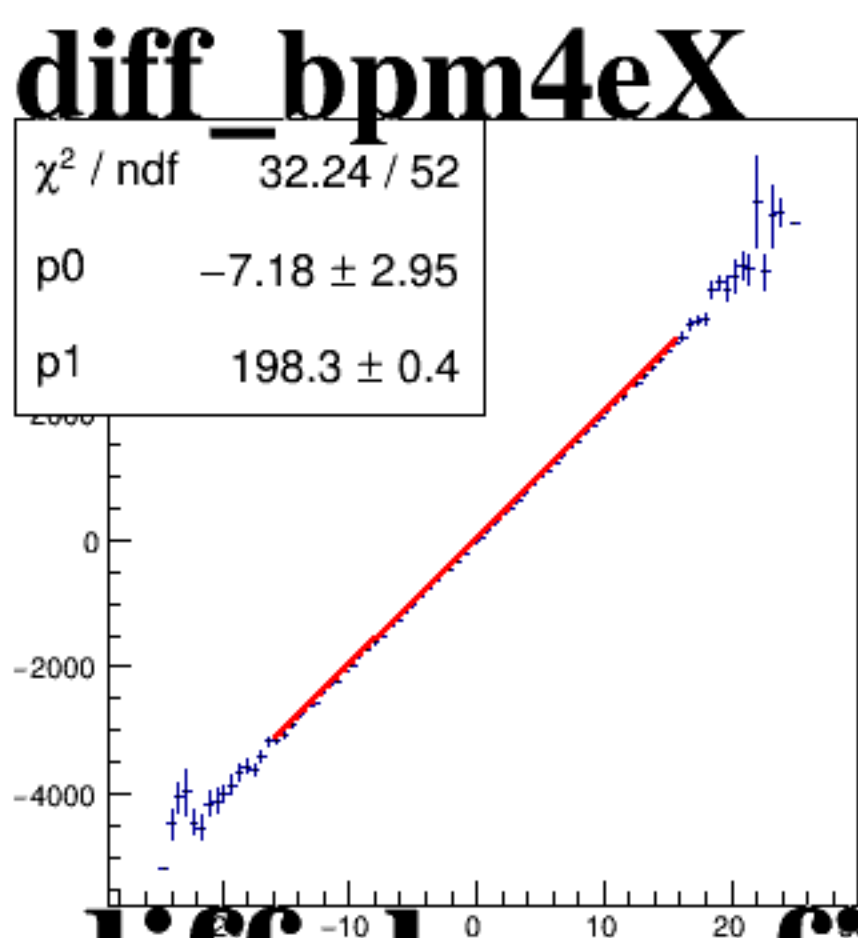
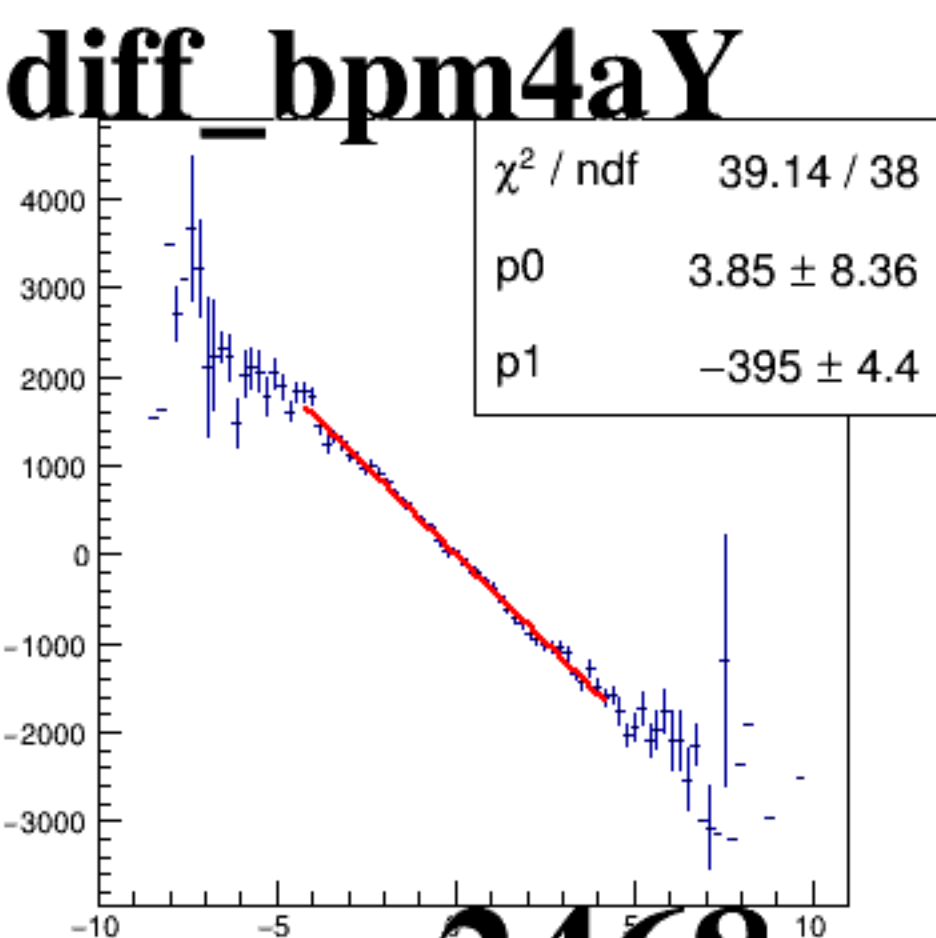
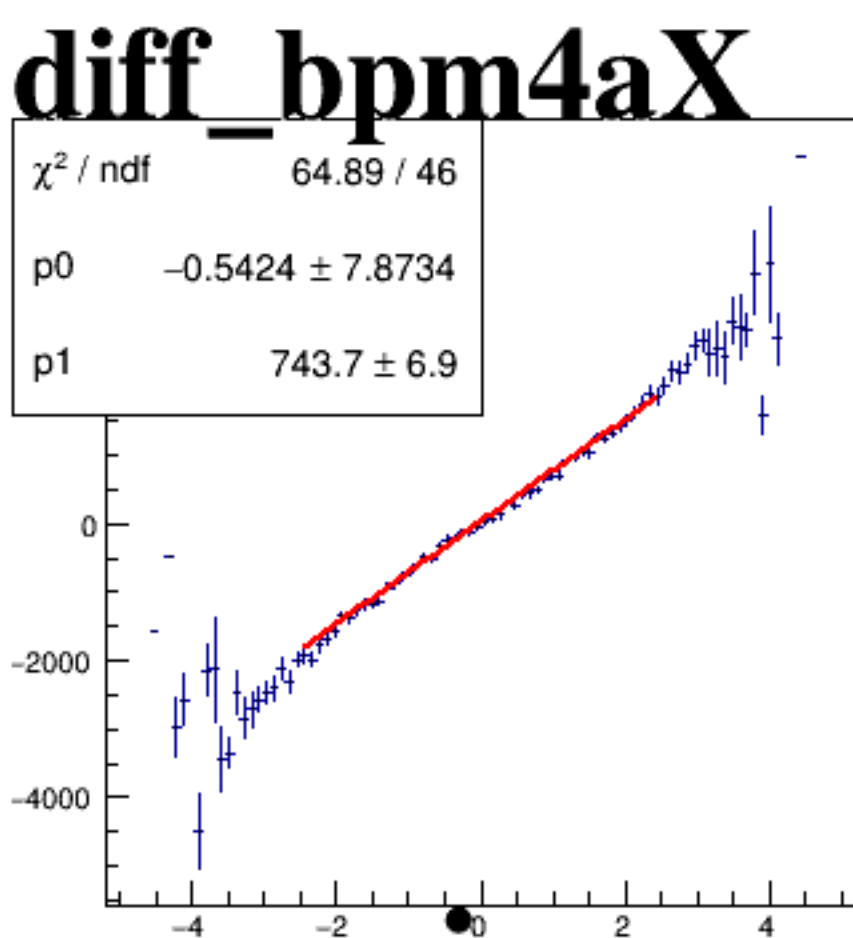
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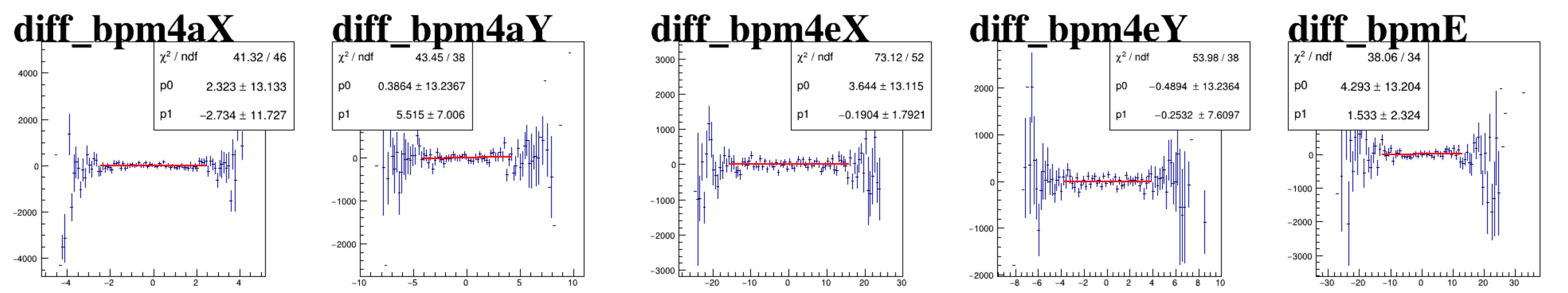
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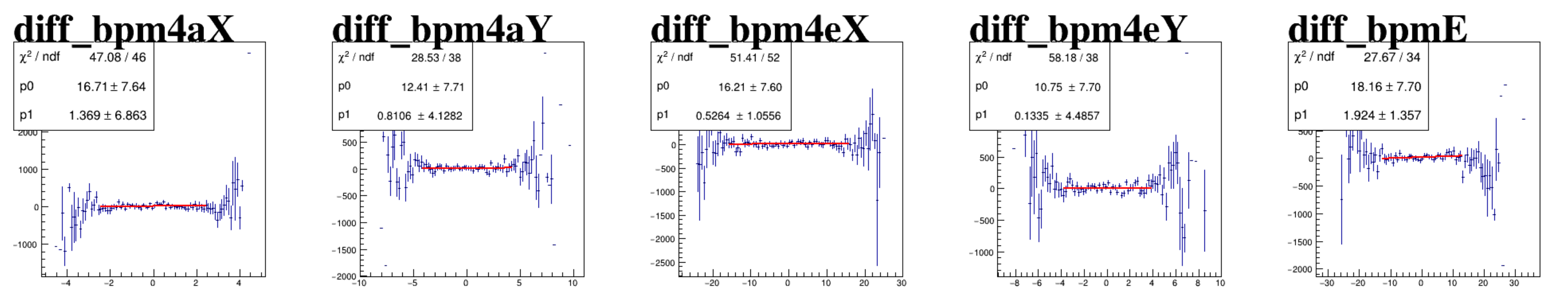
asym_sam8



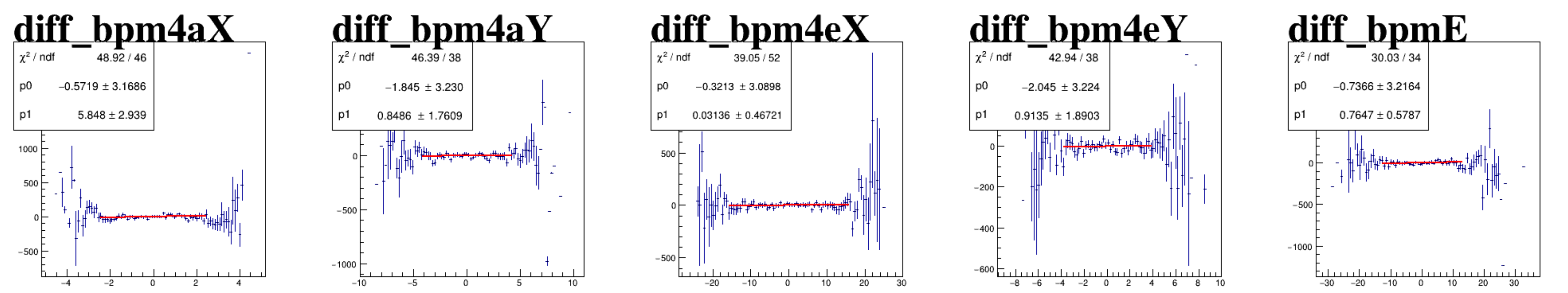
reg_asym_sam2



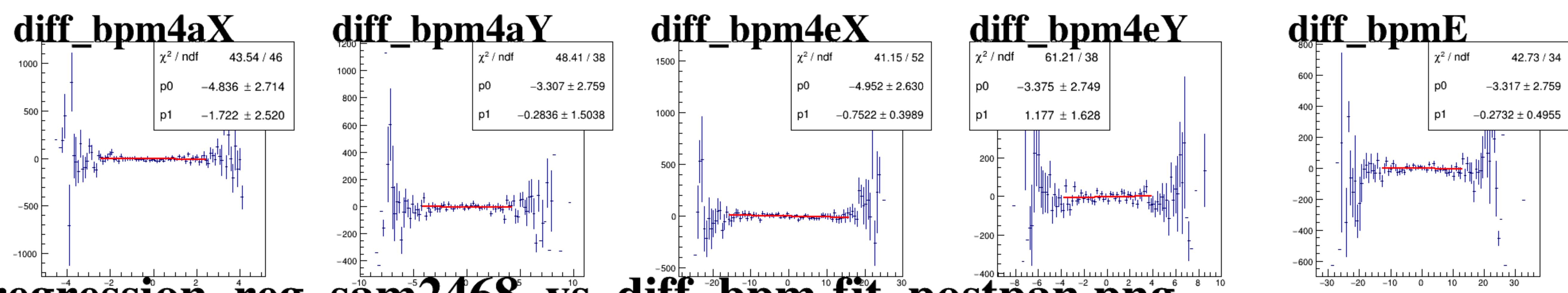
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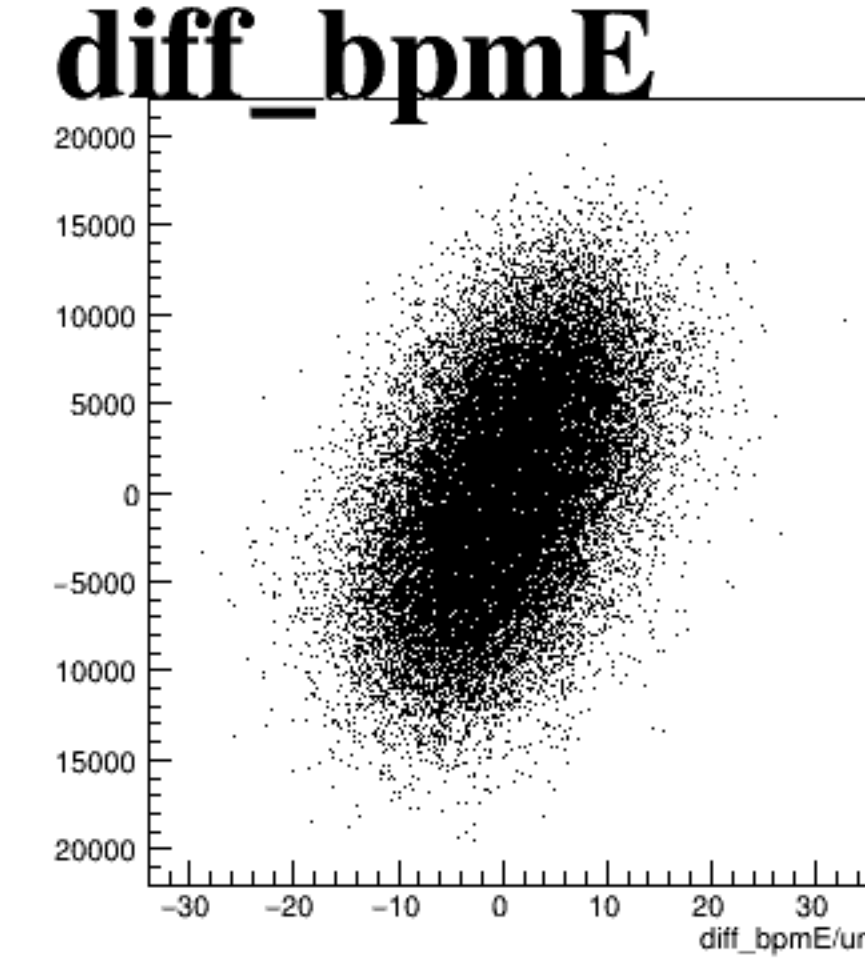
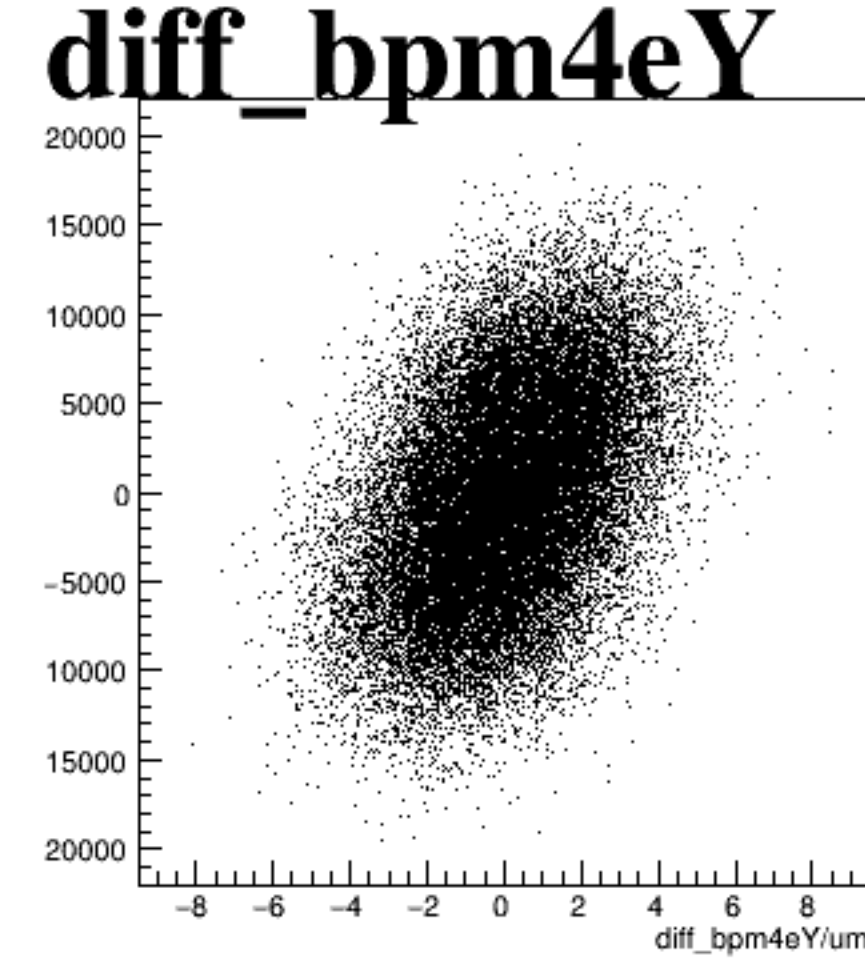
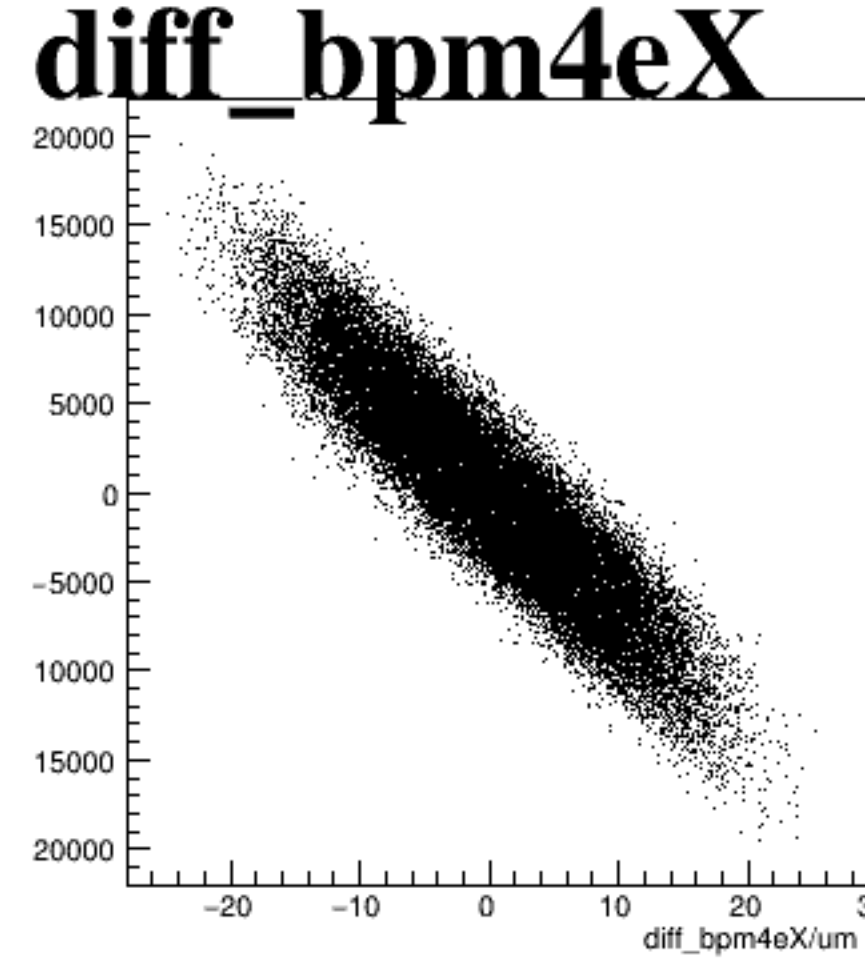
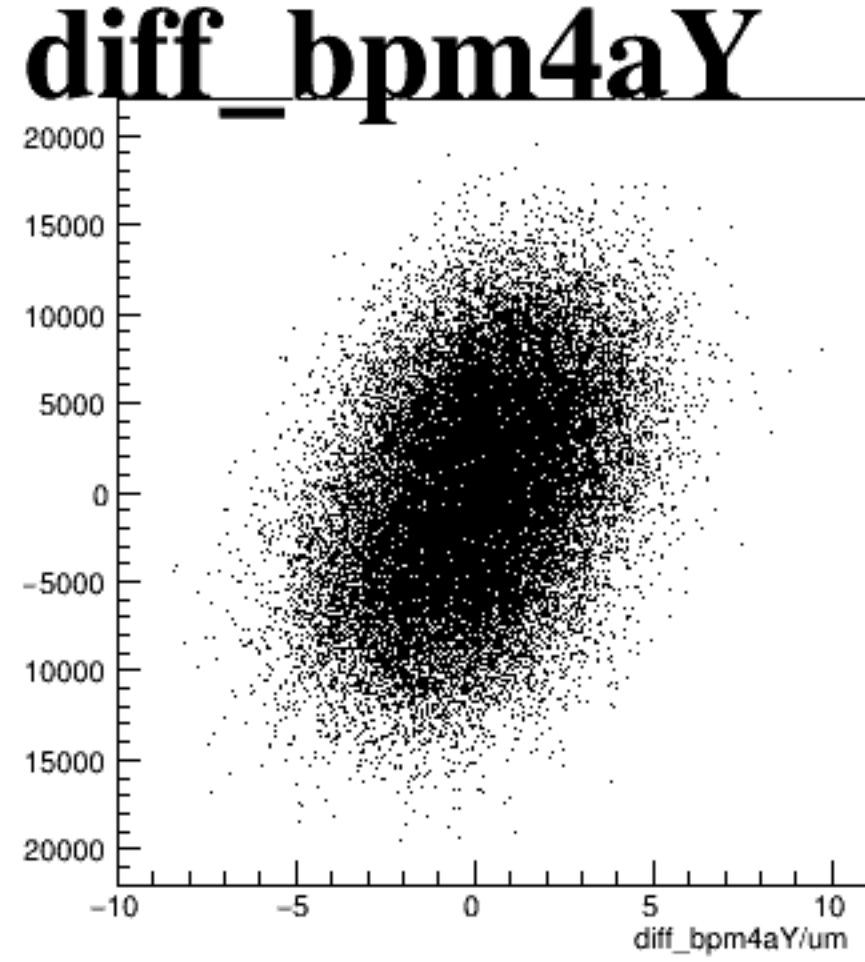
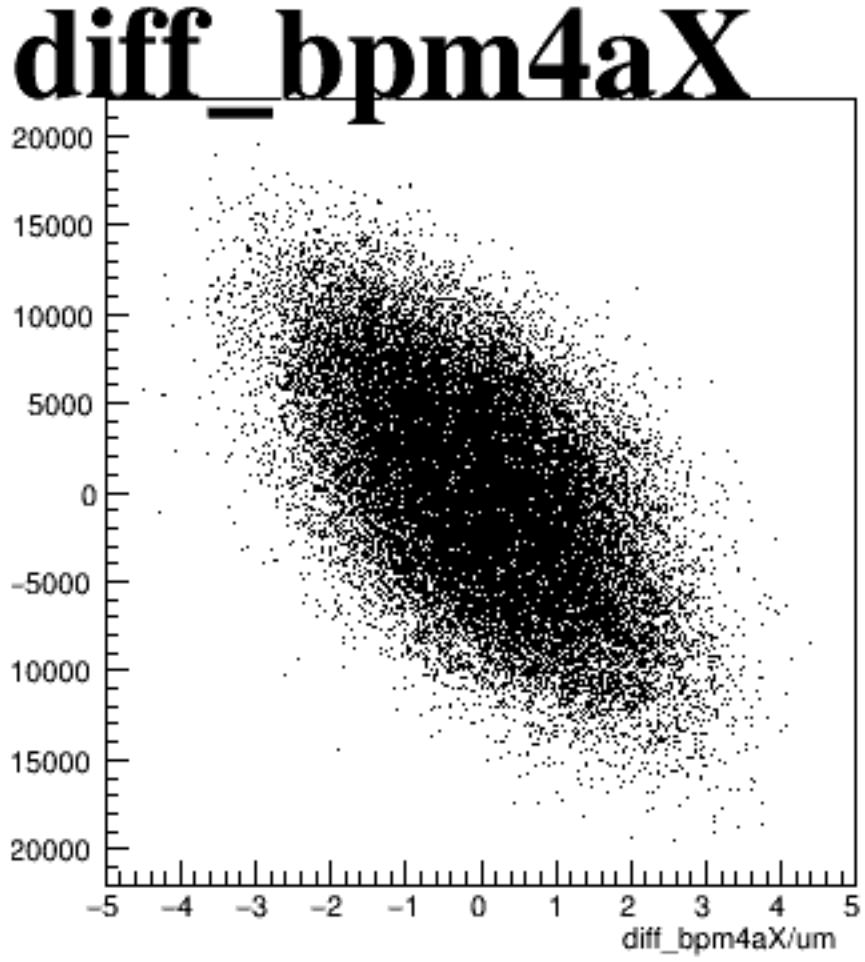
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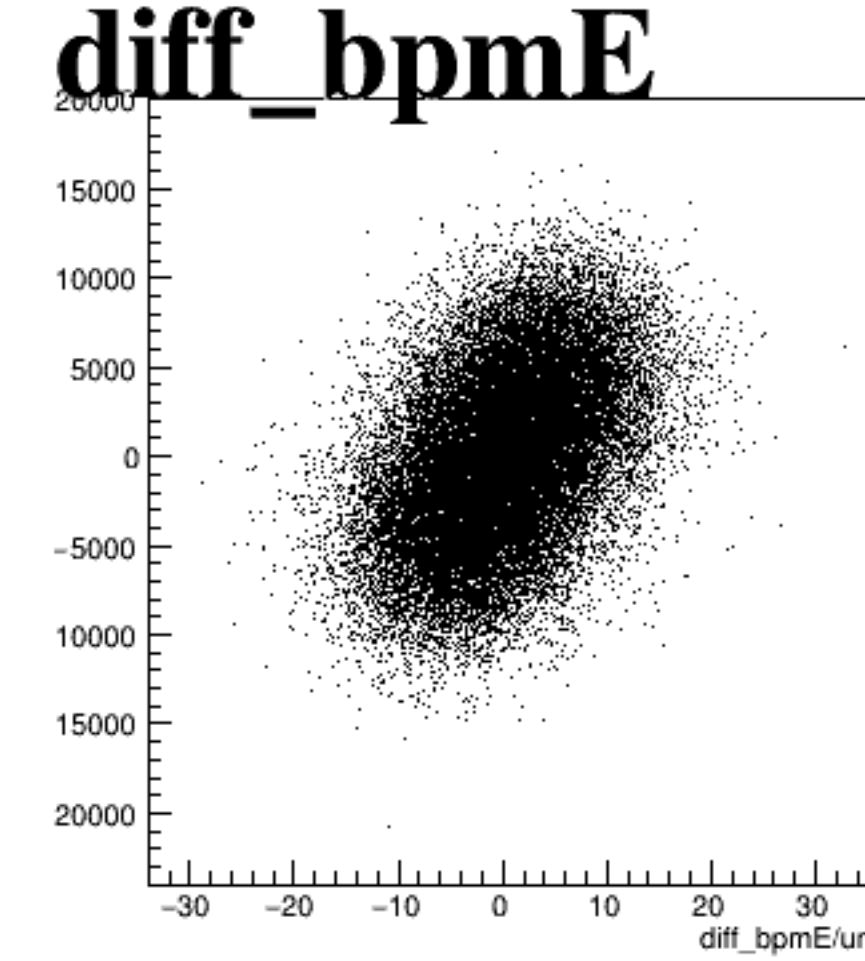
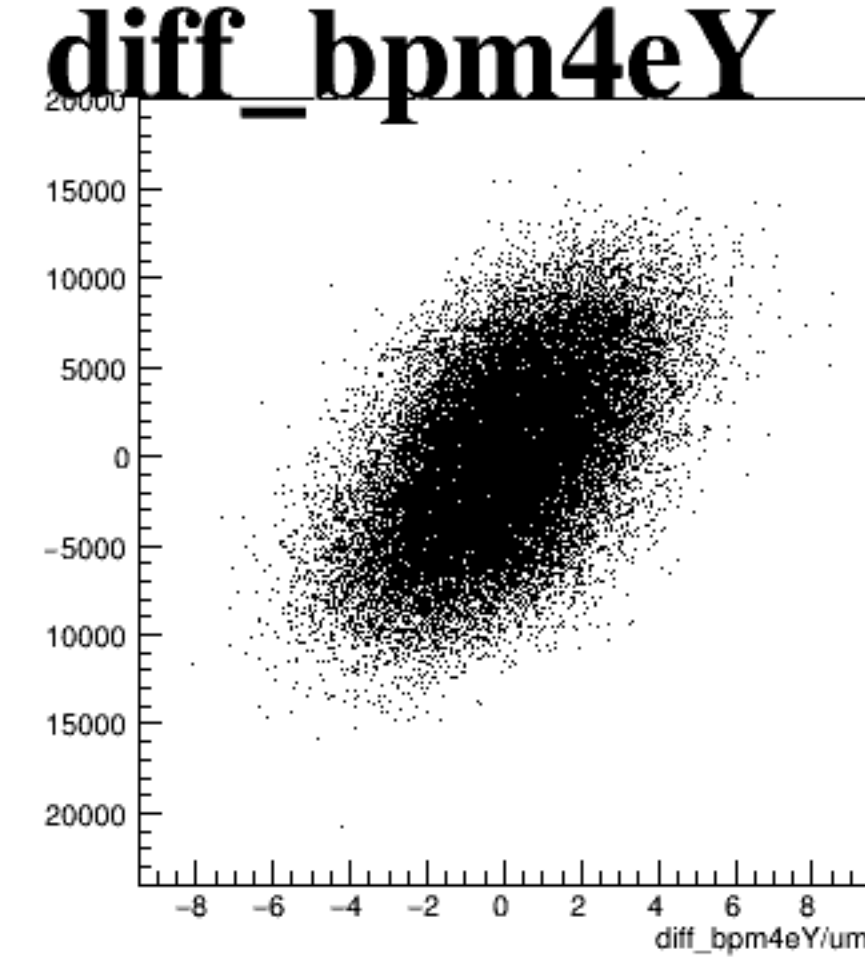
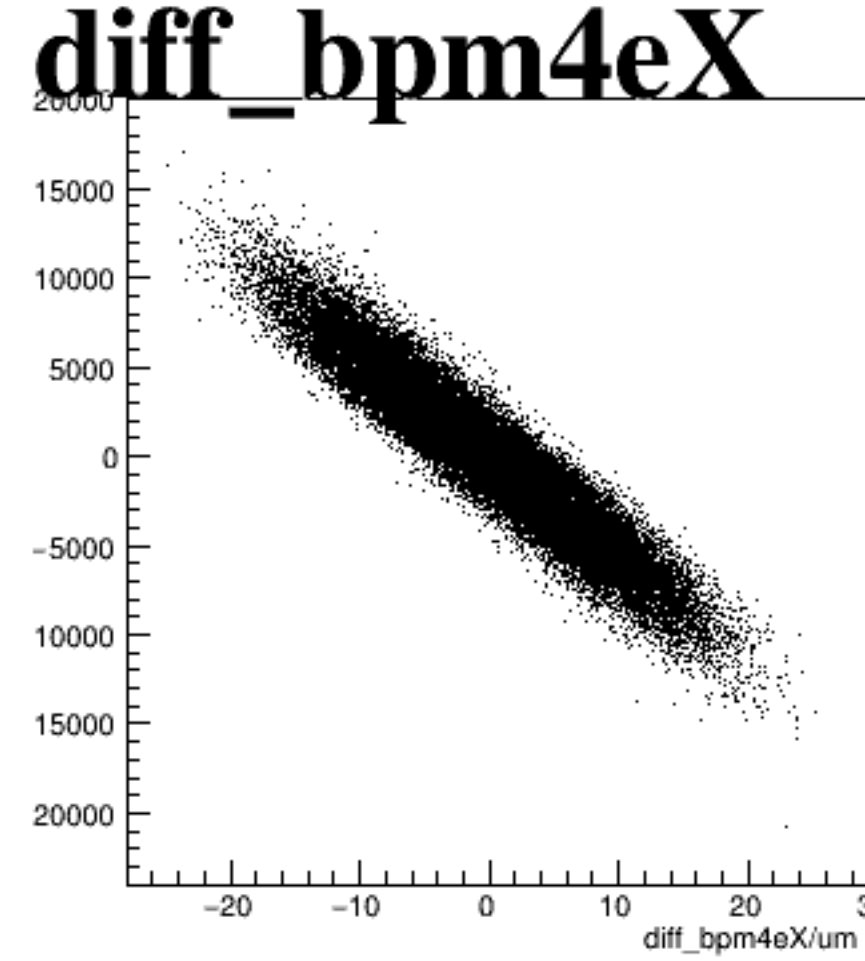
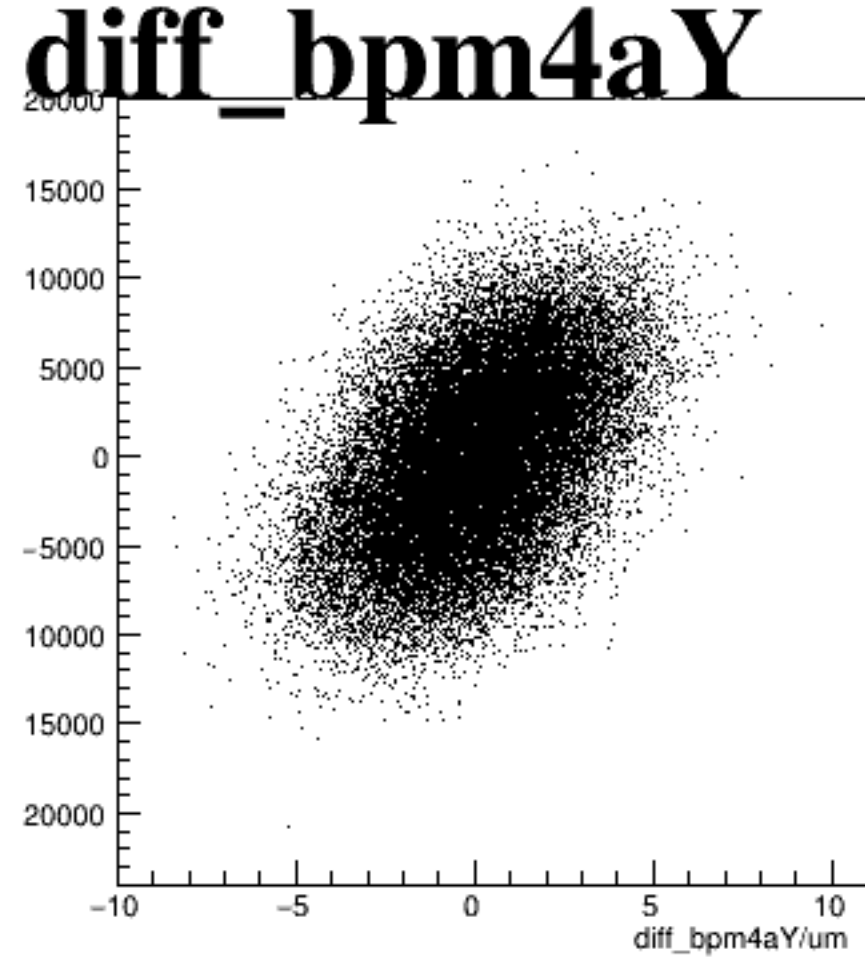
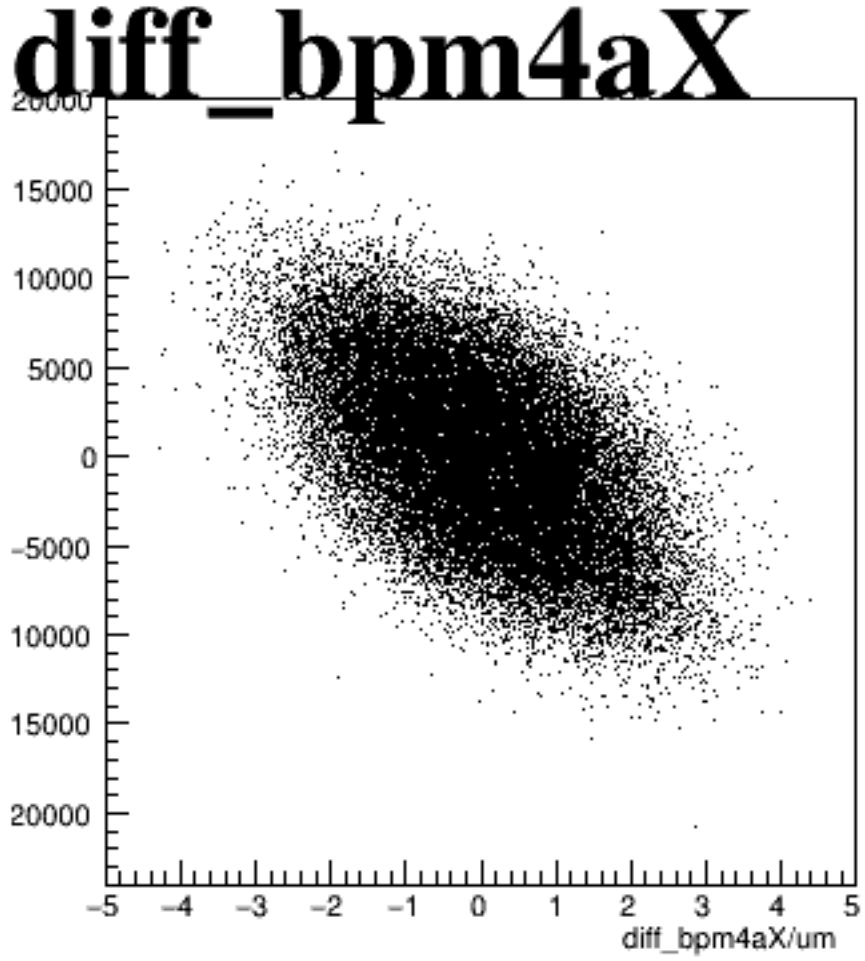
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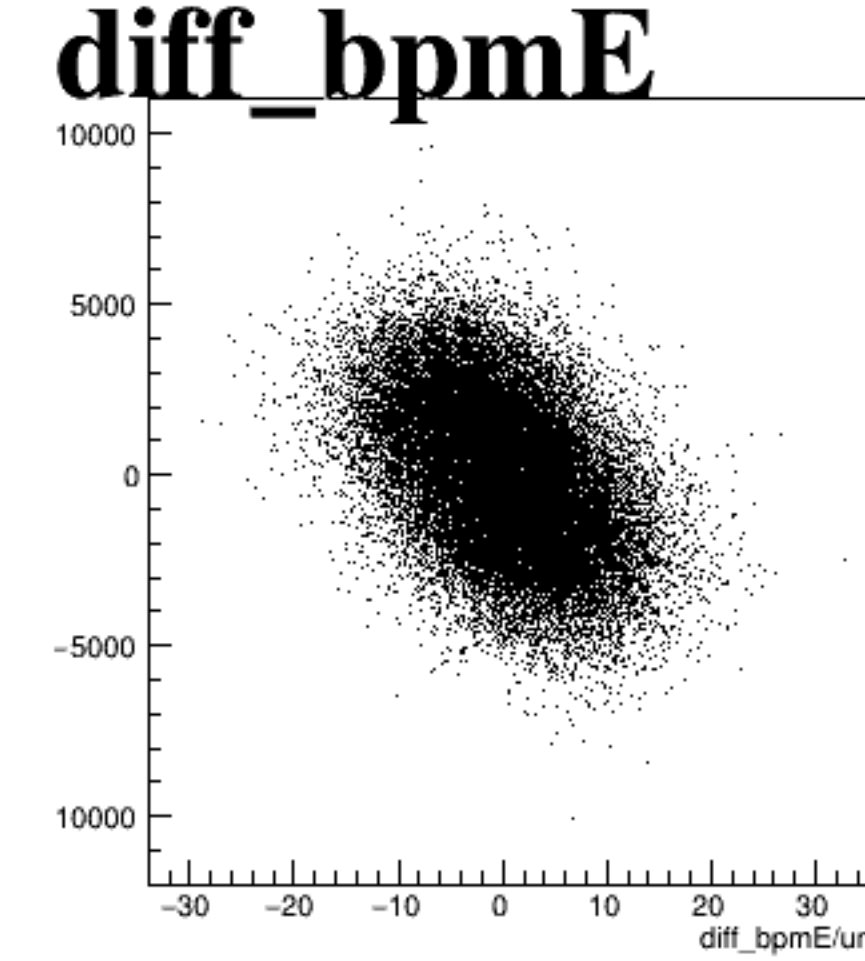
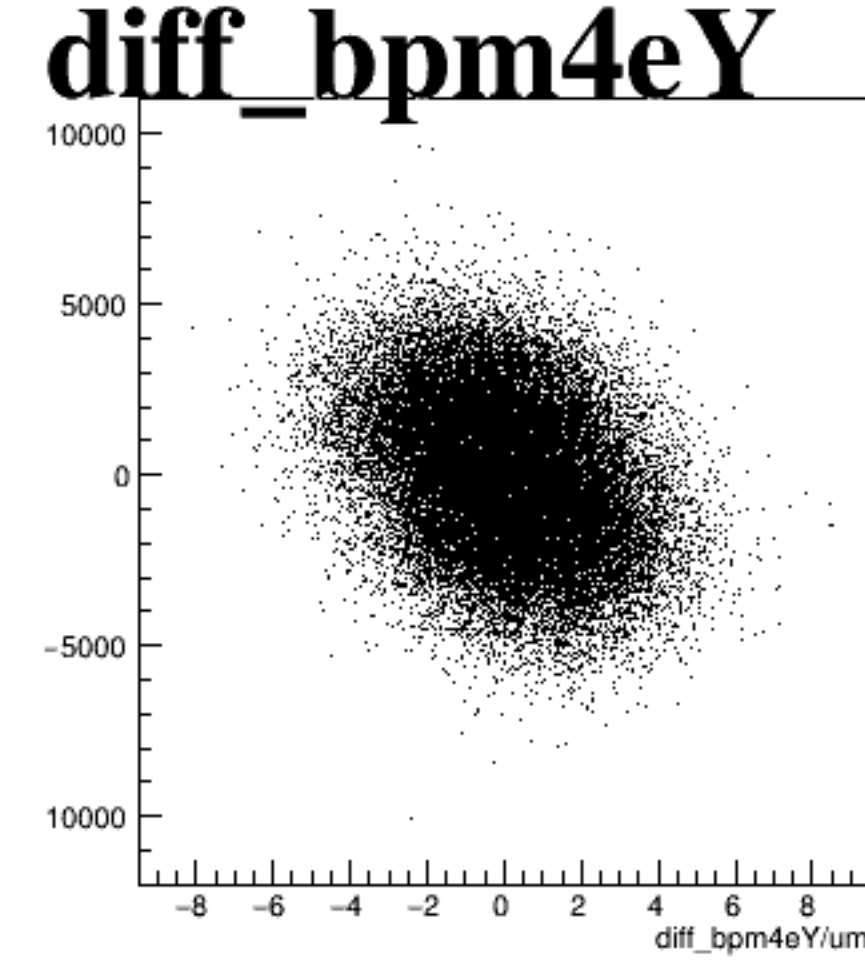
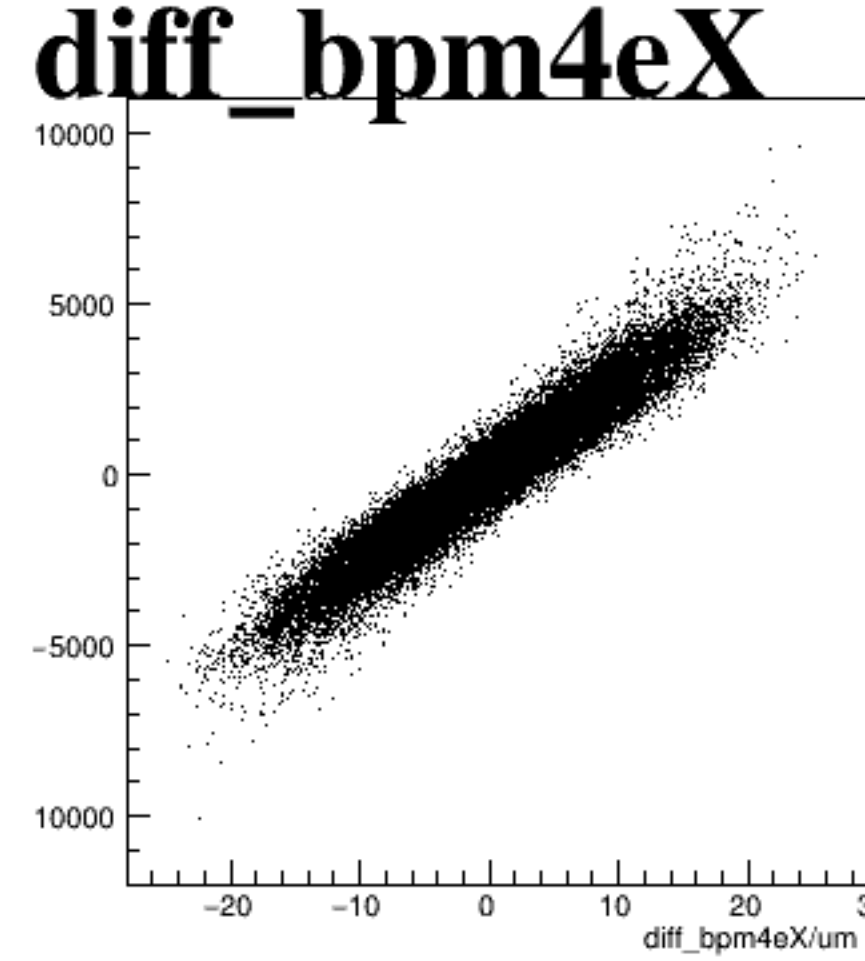
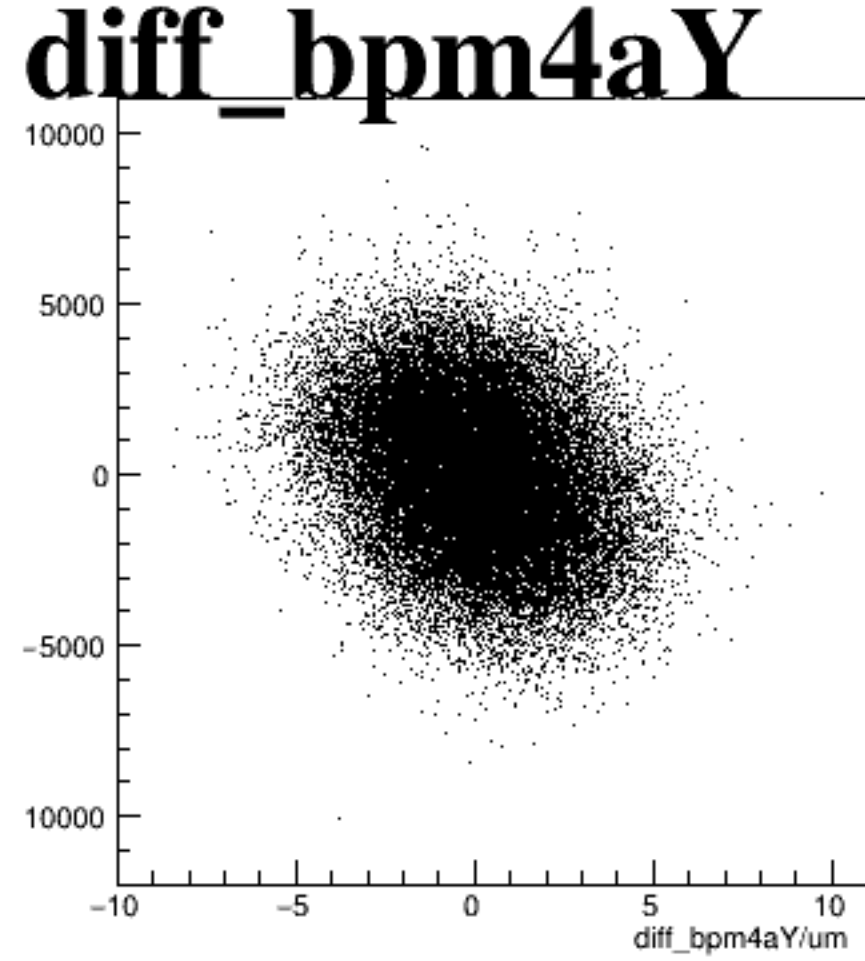
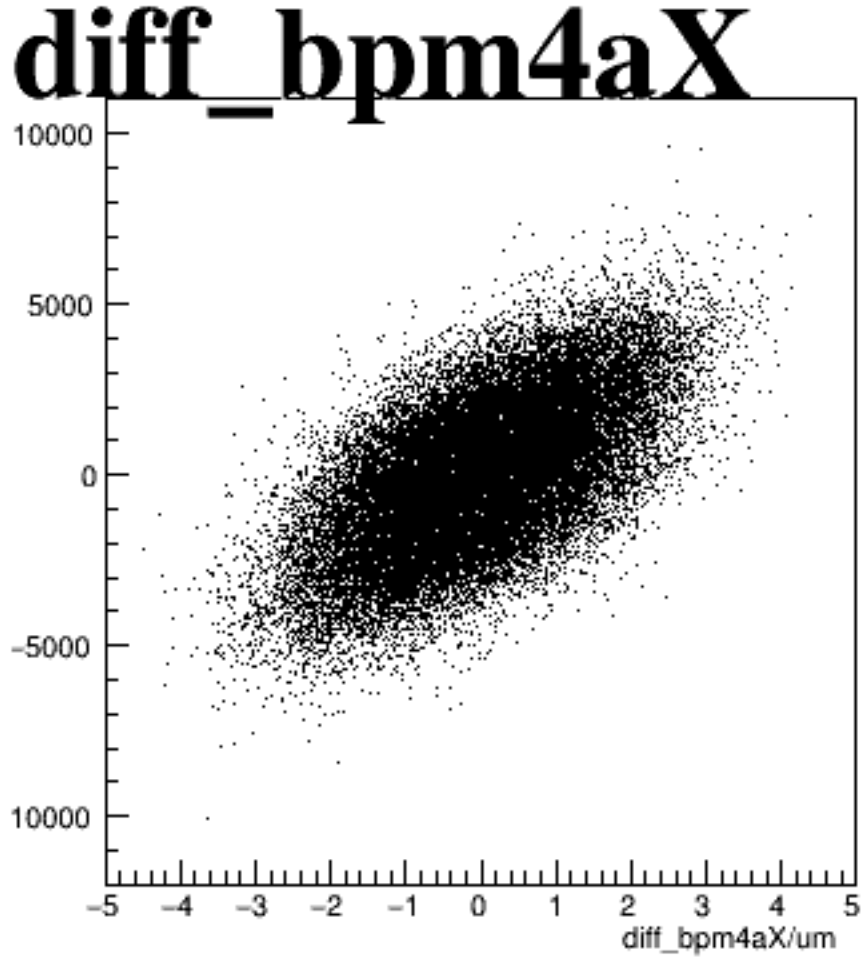
asym_sam2



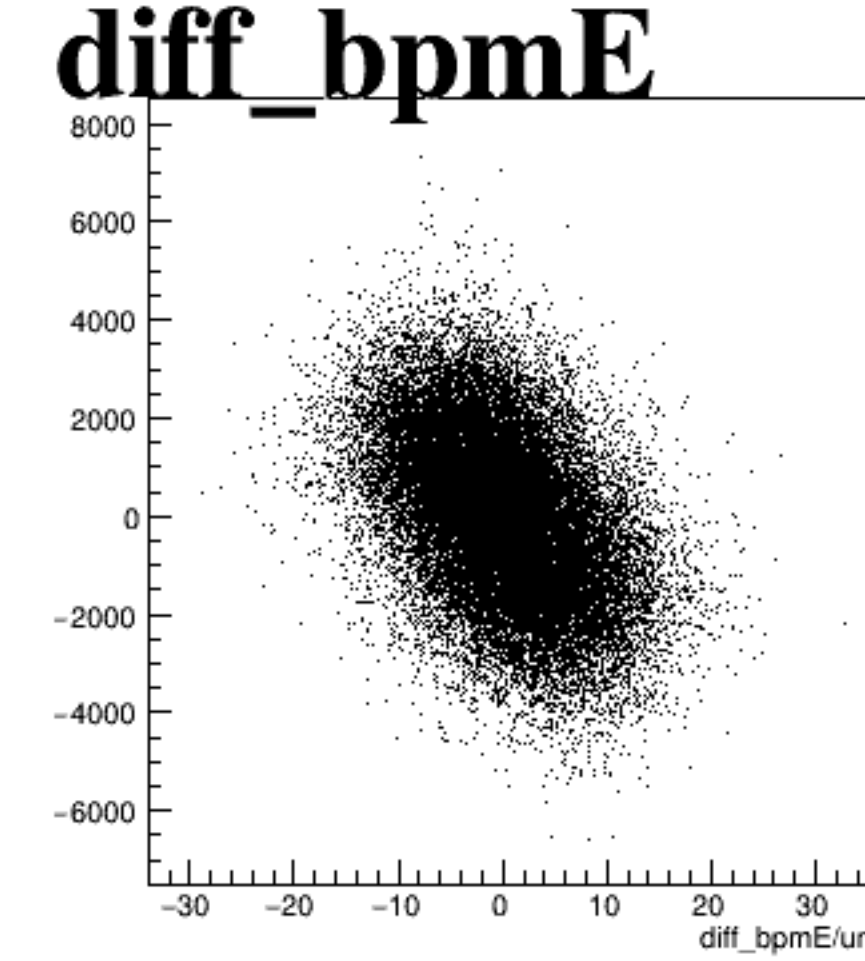
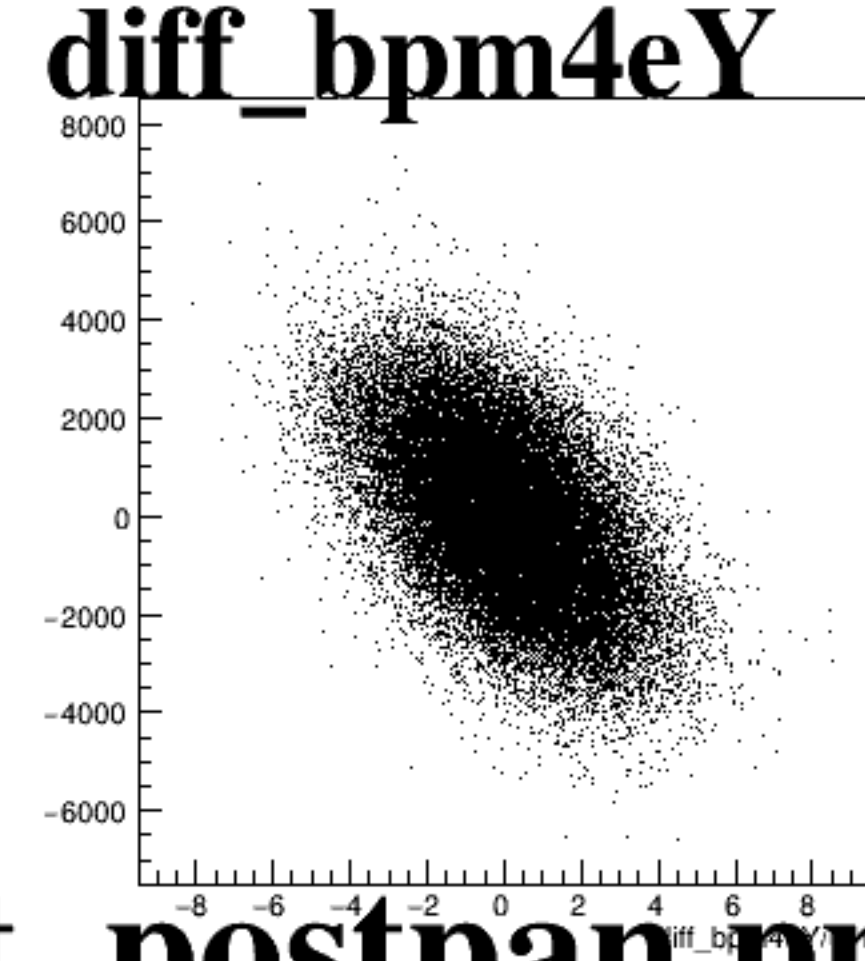
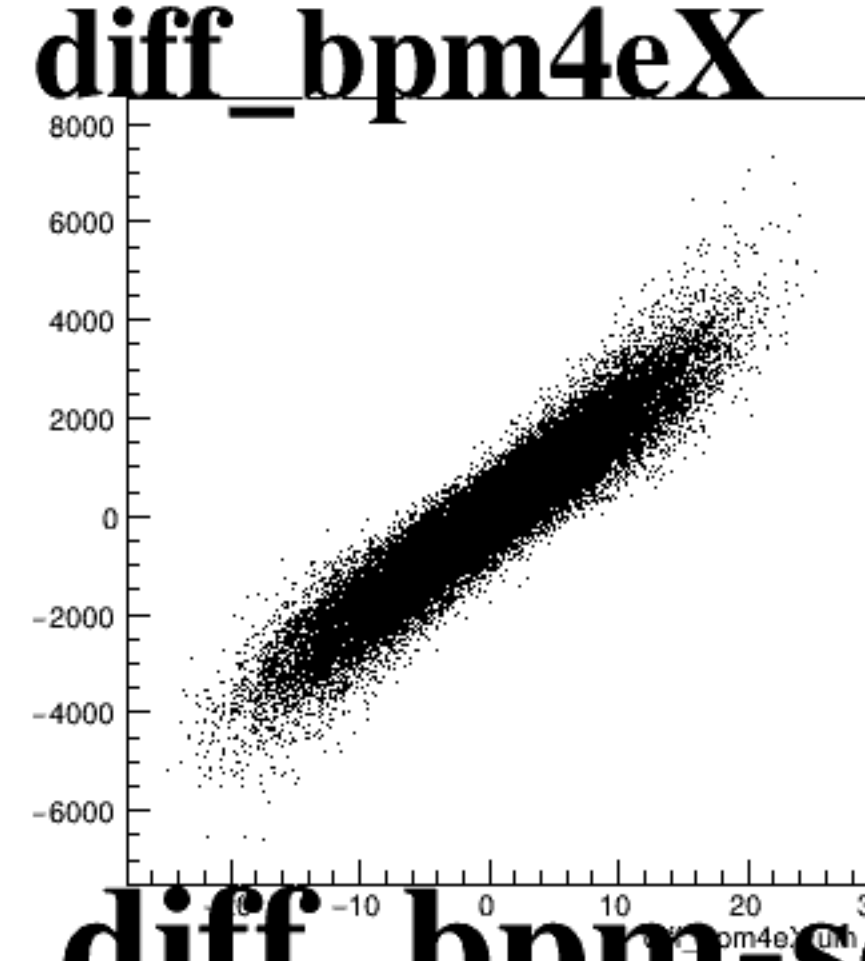
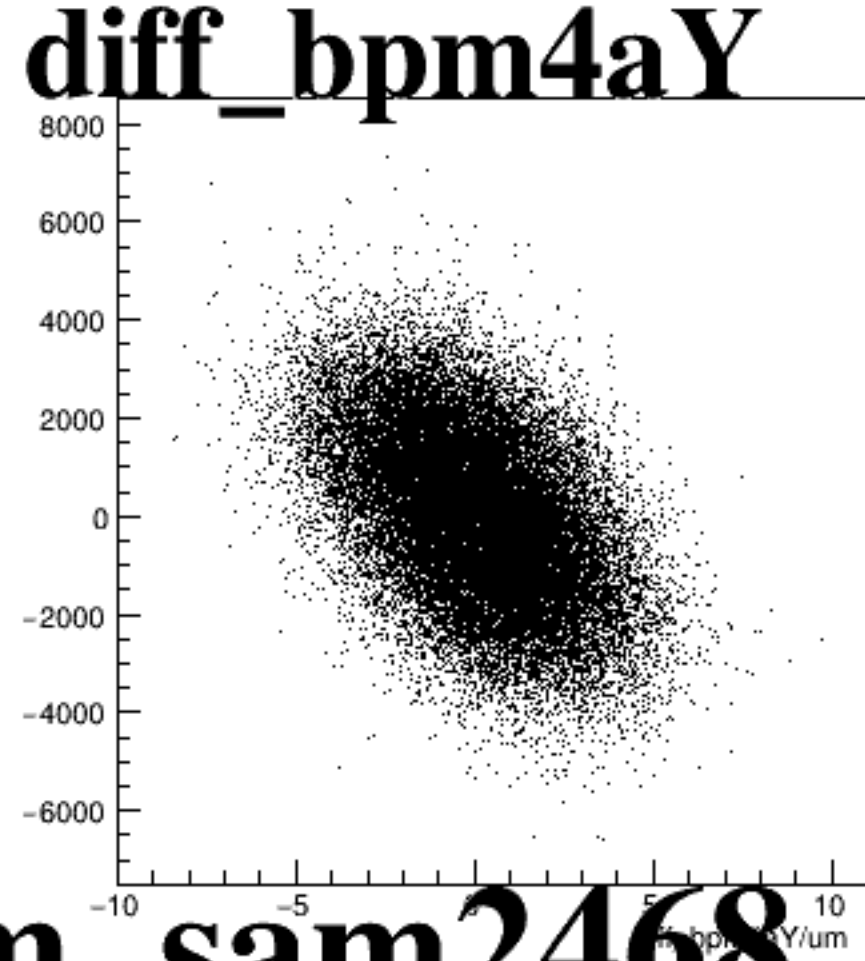
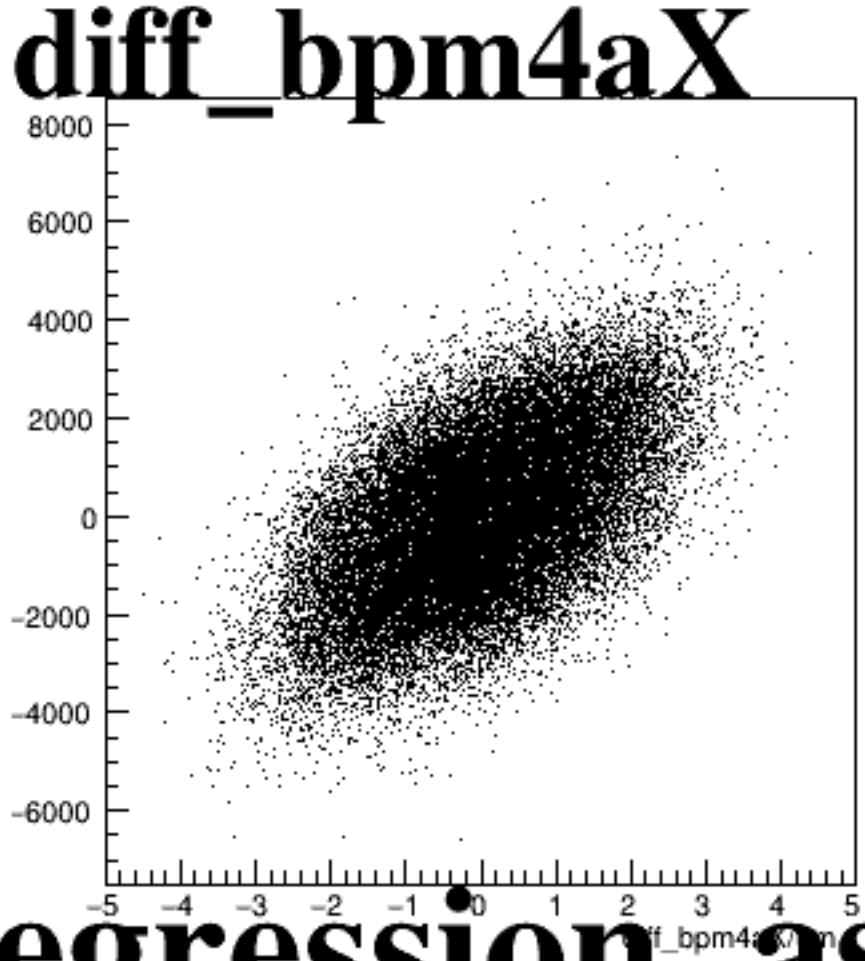
asym_sam4



asym_sam6



asym_sam8

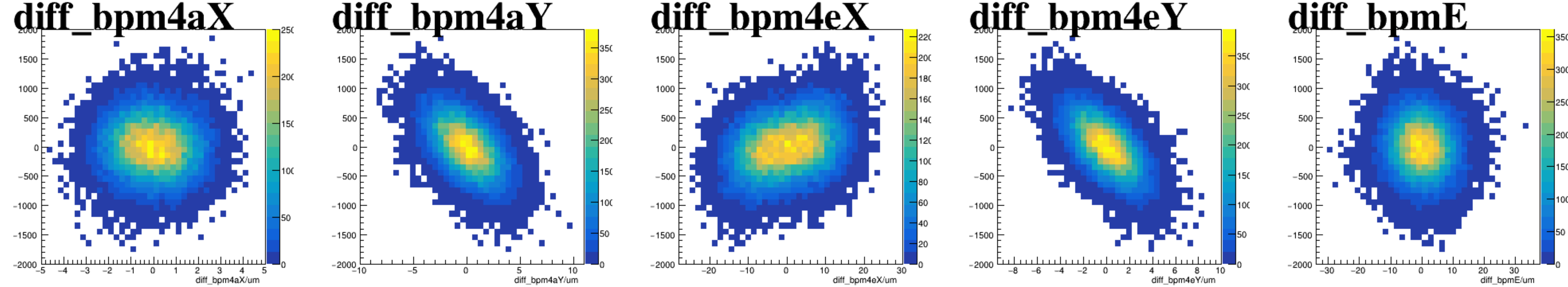


The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff_bpm) for a specific beam parameter. The y-axis for all plots ranges from -8000 to 8000. The x-axis for each plot is labeled with the parameter name and the unit 'um'.

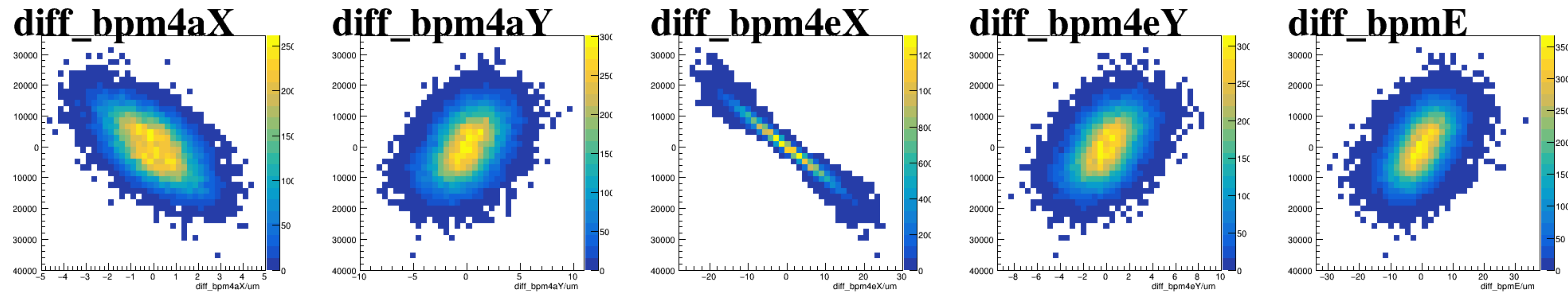
- diff_bpm4aX**: The x-axis ranges from -5 to 5. The distribution is centered at 0.
- diff_bpm4aY**: The x-axis ranges from -10 to 10. The distribution is centered at 0.
- diff_bpm4eX**: The x-axis ranges from -20 to 30. The distribution is centered at 0.
- diff_bpm4eY**: The x-axis ranges from -8 to 10. The distribution is centered at 0.
- diff_bpmE**: The x-axis ranges from -30 to 30. The distribution is centered at 0.

All plots show a dense, roughly circular cloud of points centered around zero, indicating that the BPM difference is small and centered around zero for all parameters.

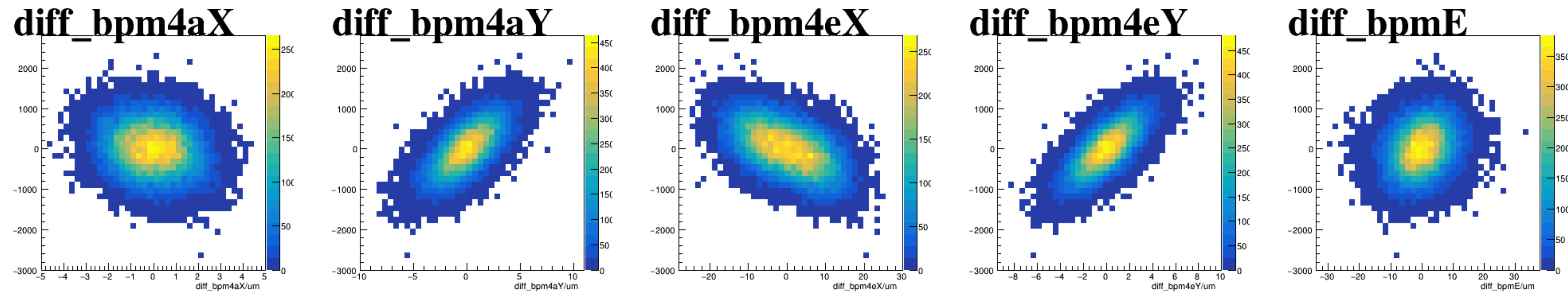
asym_sam1



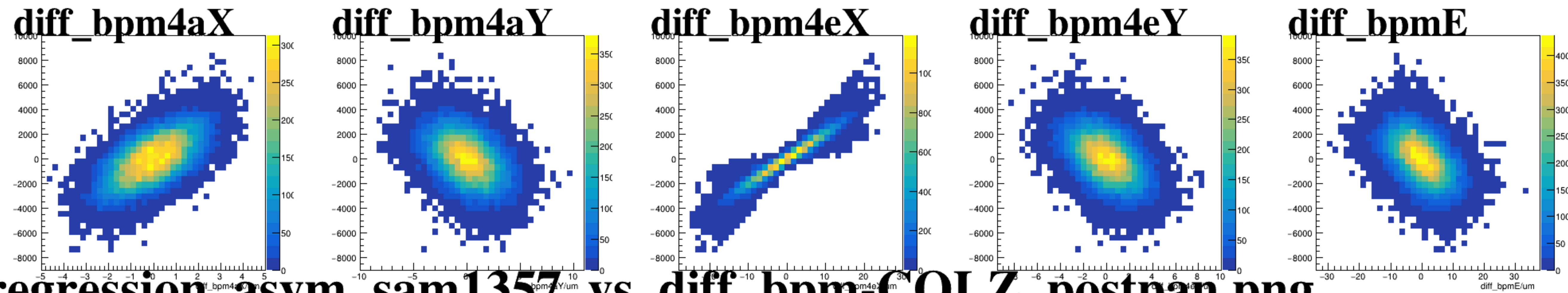
asym_sam3



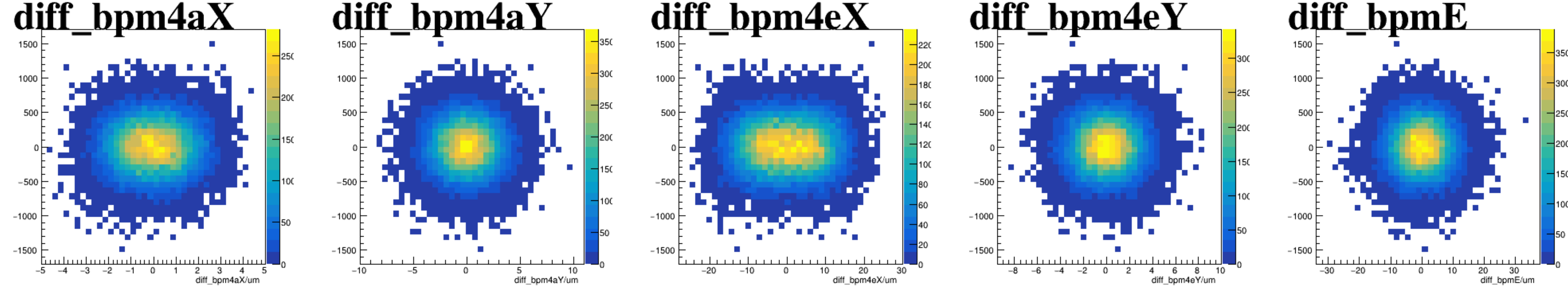
asym_sam5



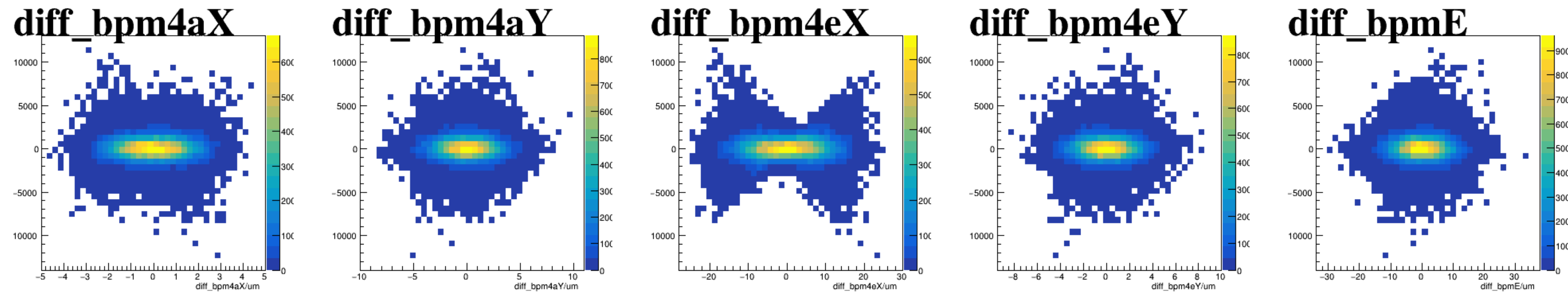
asym_sam7



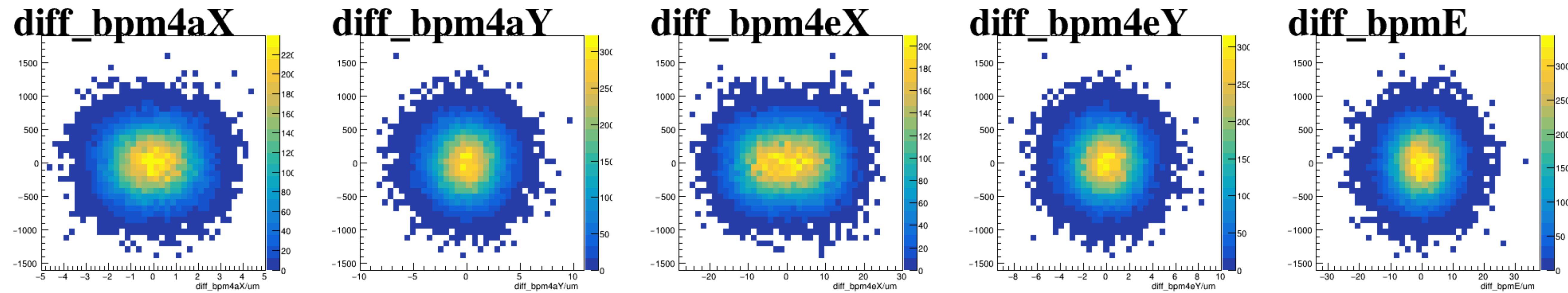
reg_asym_sam1



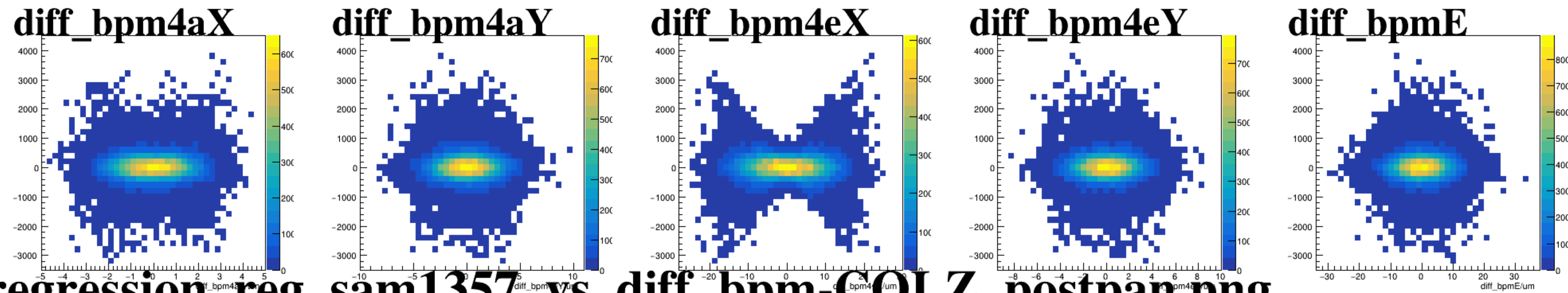
reg_asym_sam3



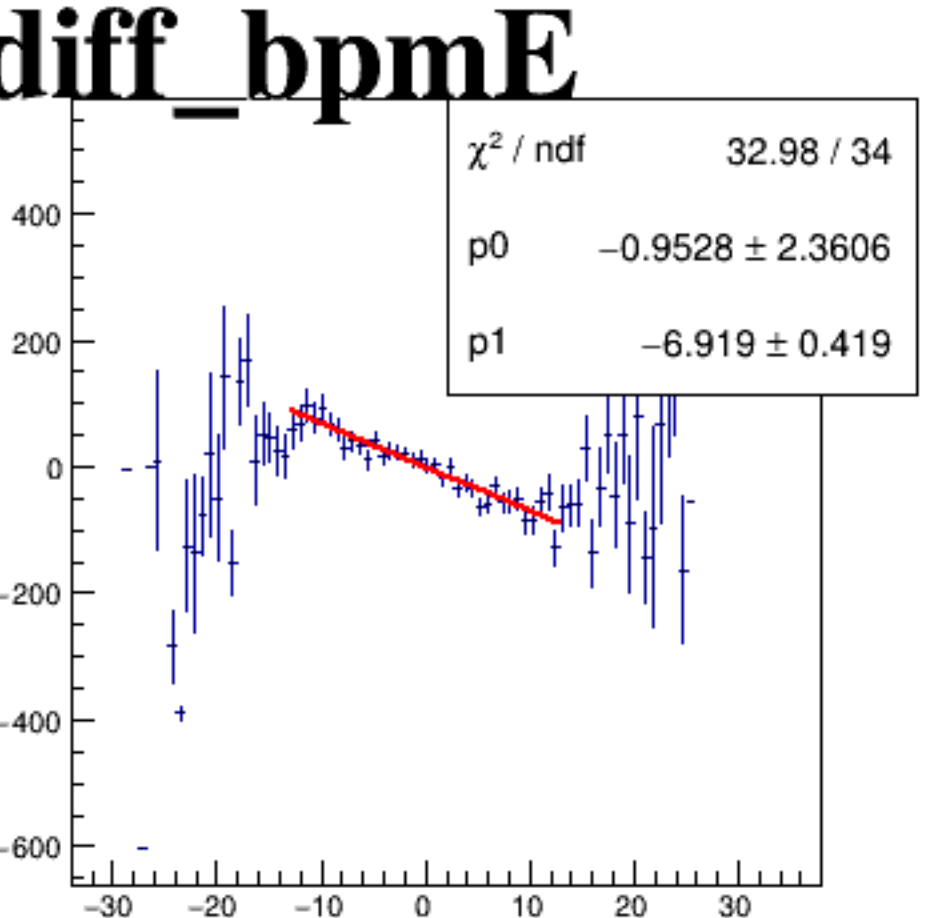
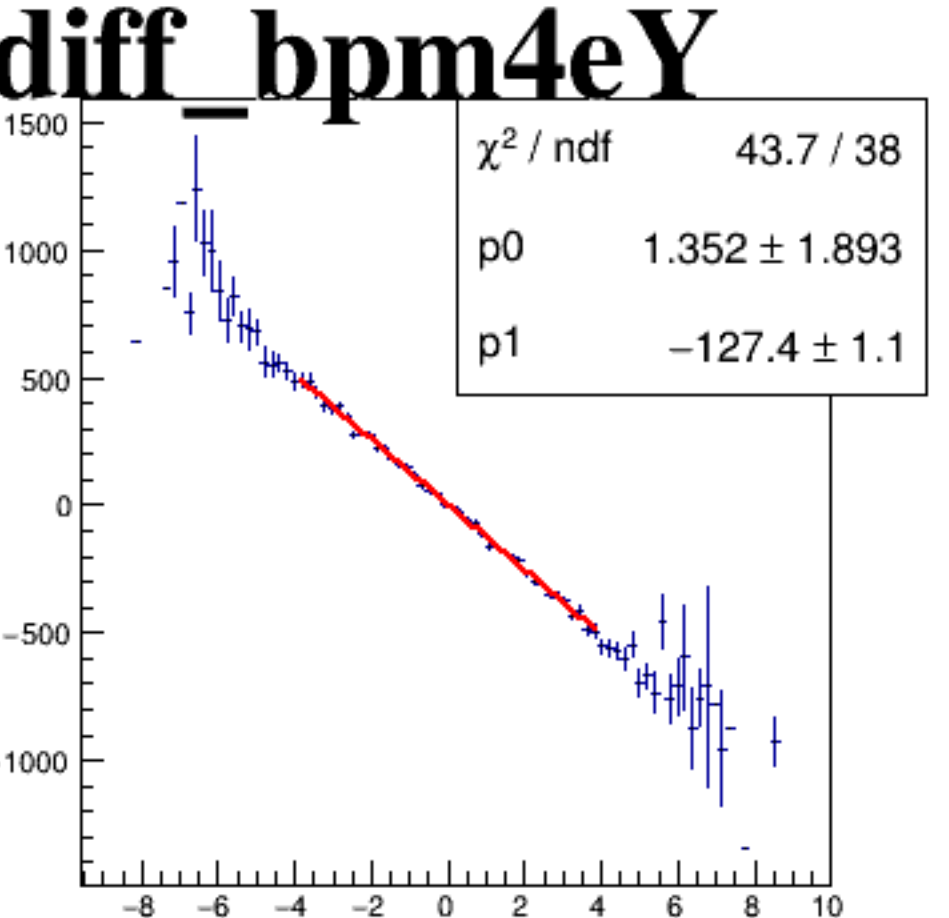
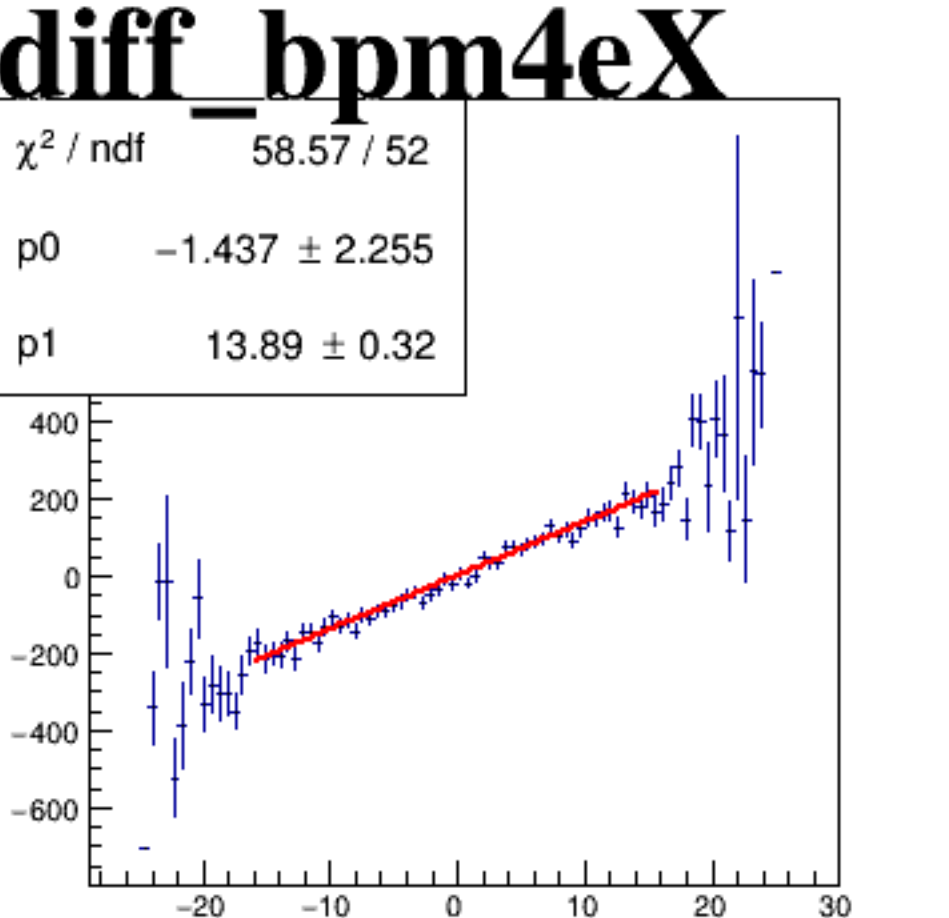
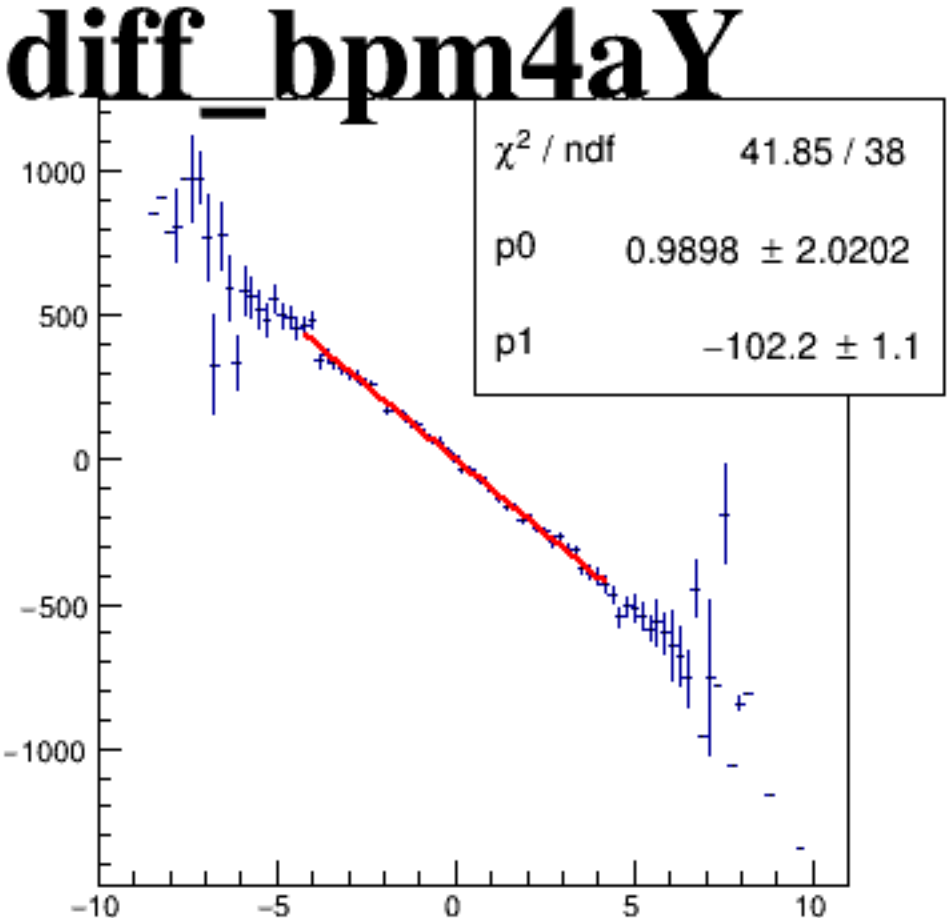
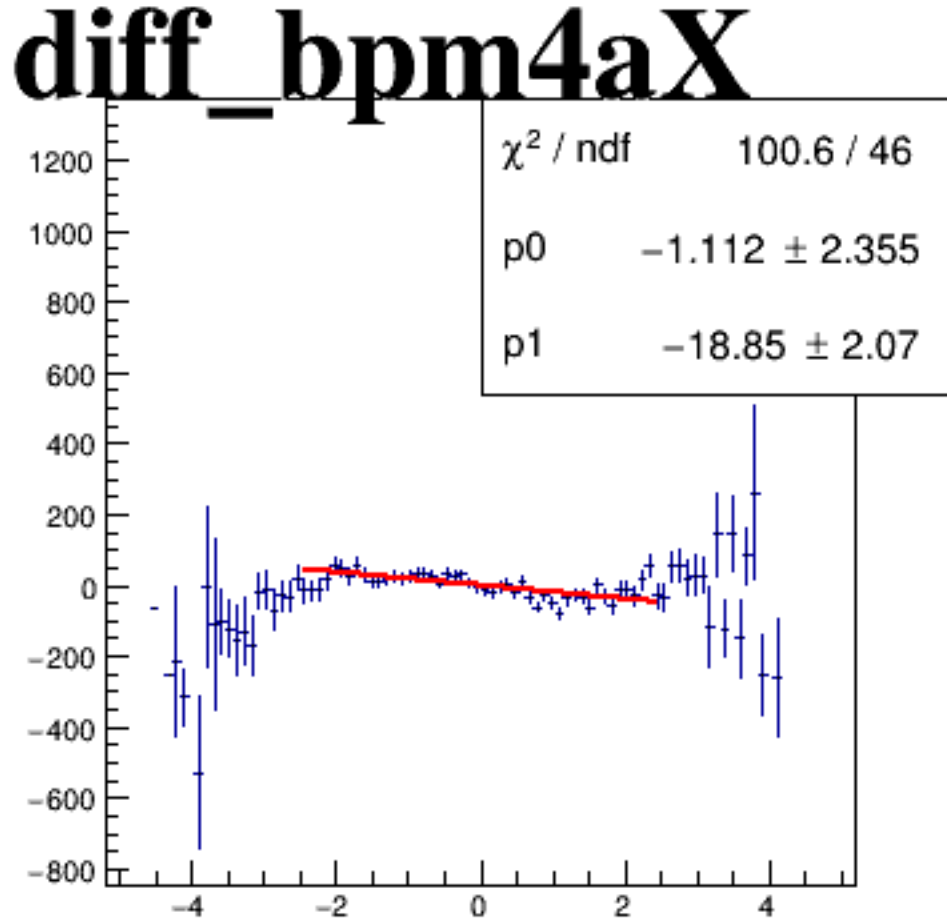
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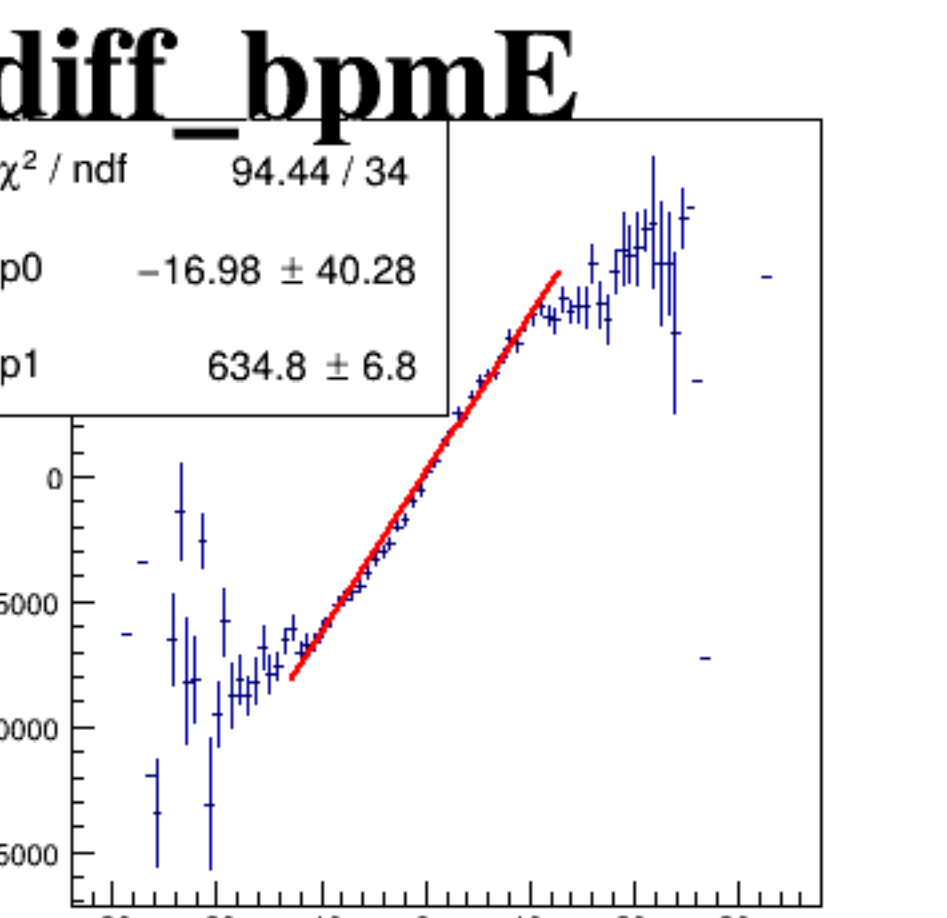
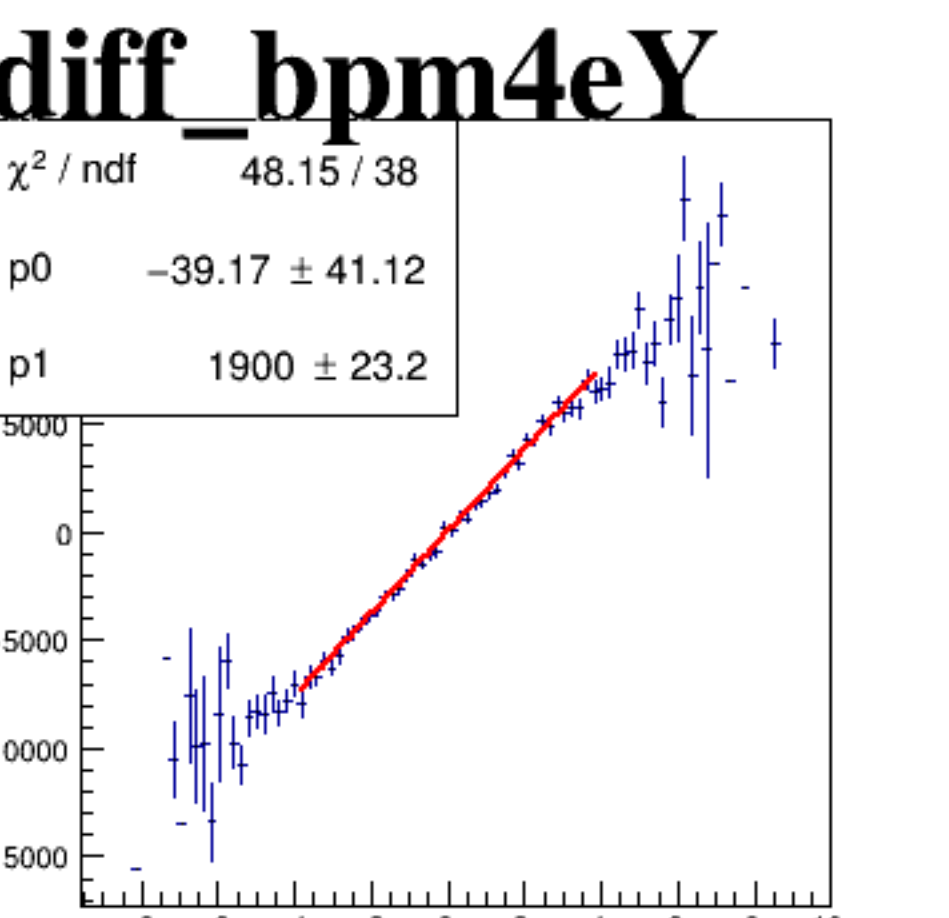
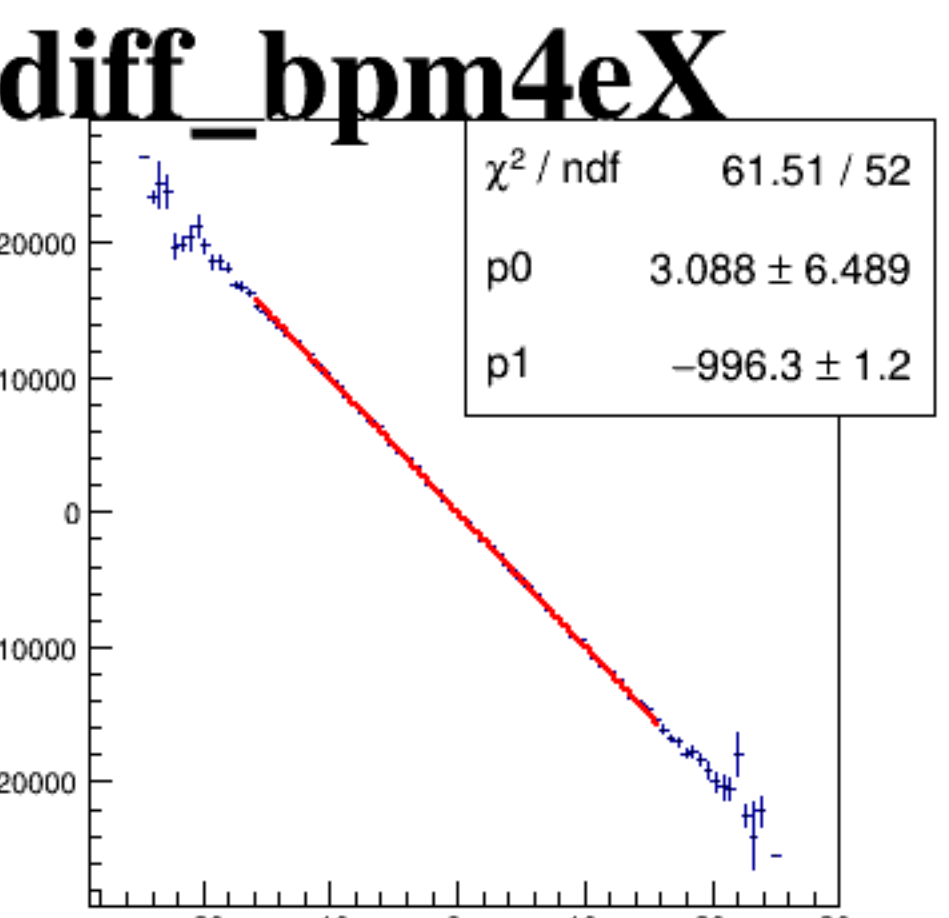
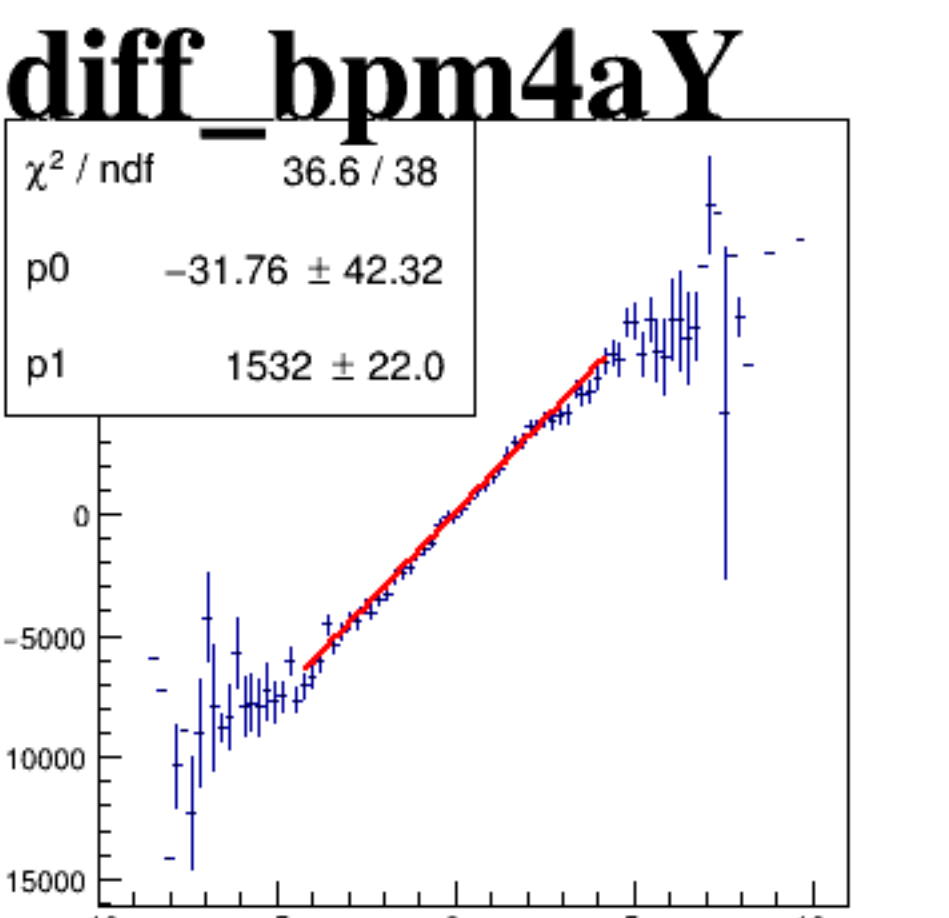
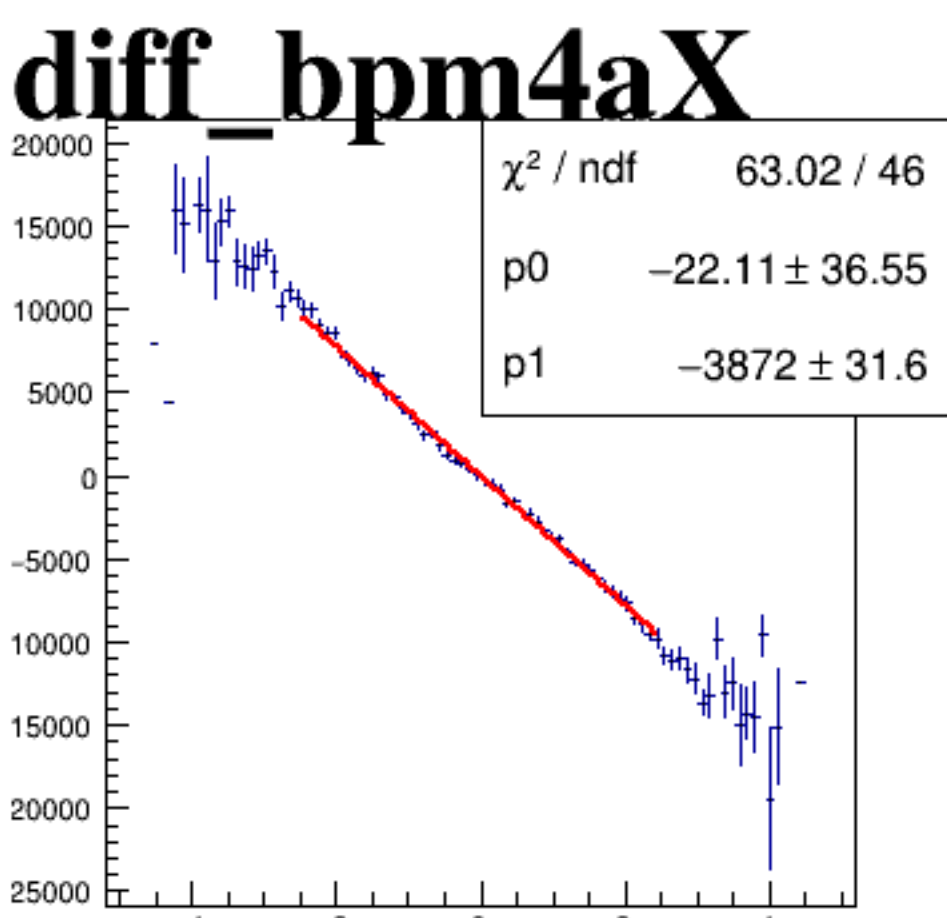
reg_asym_sam7



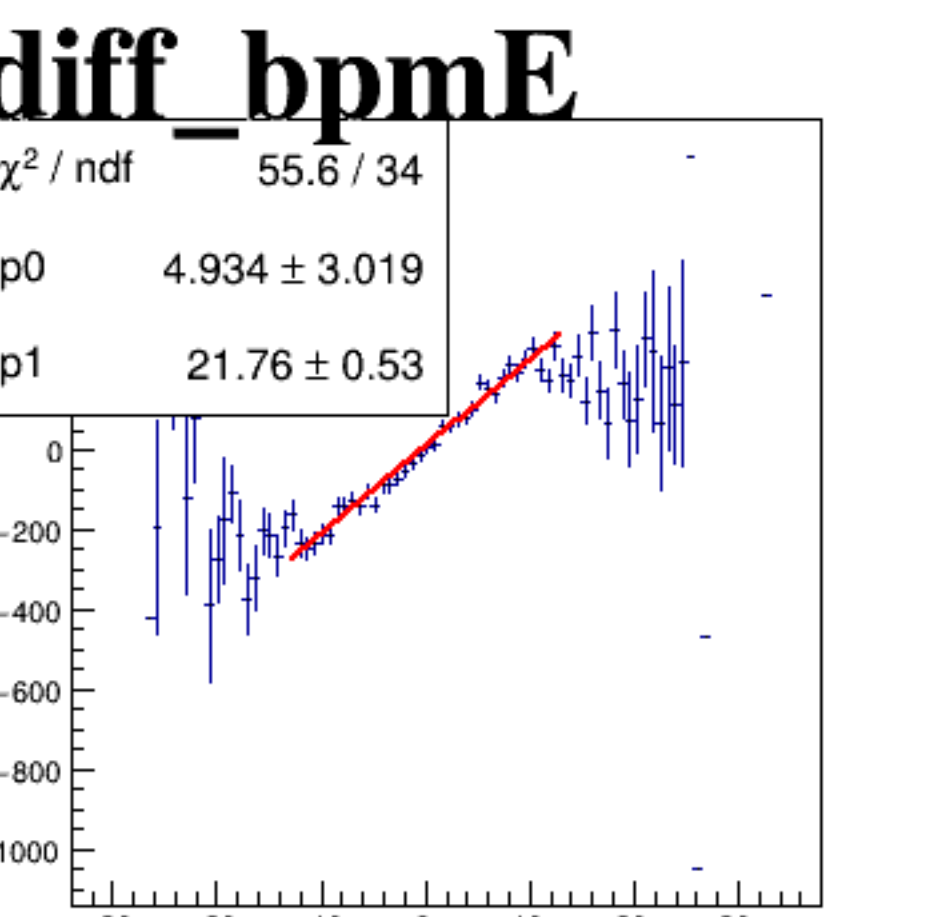
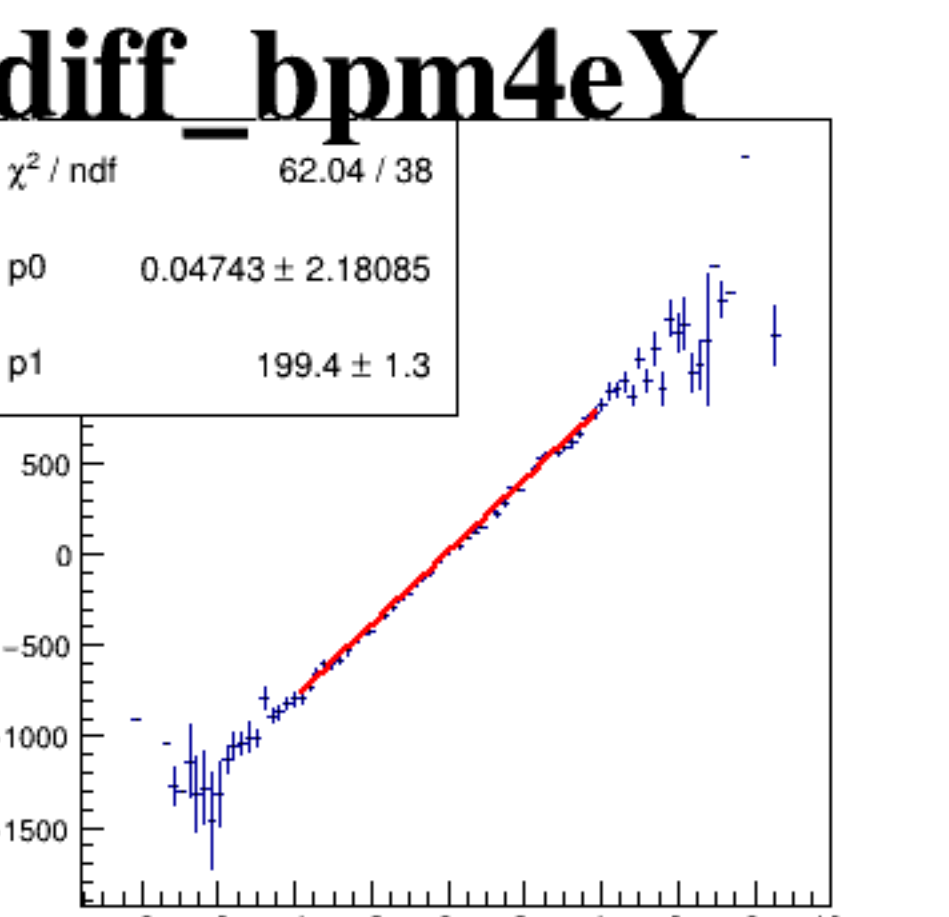
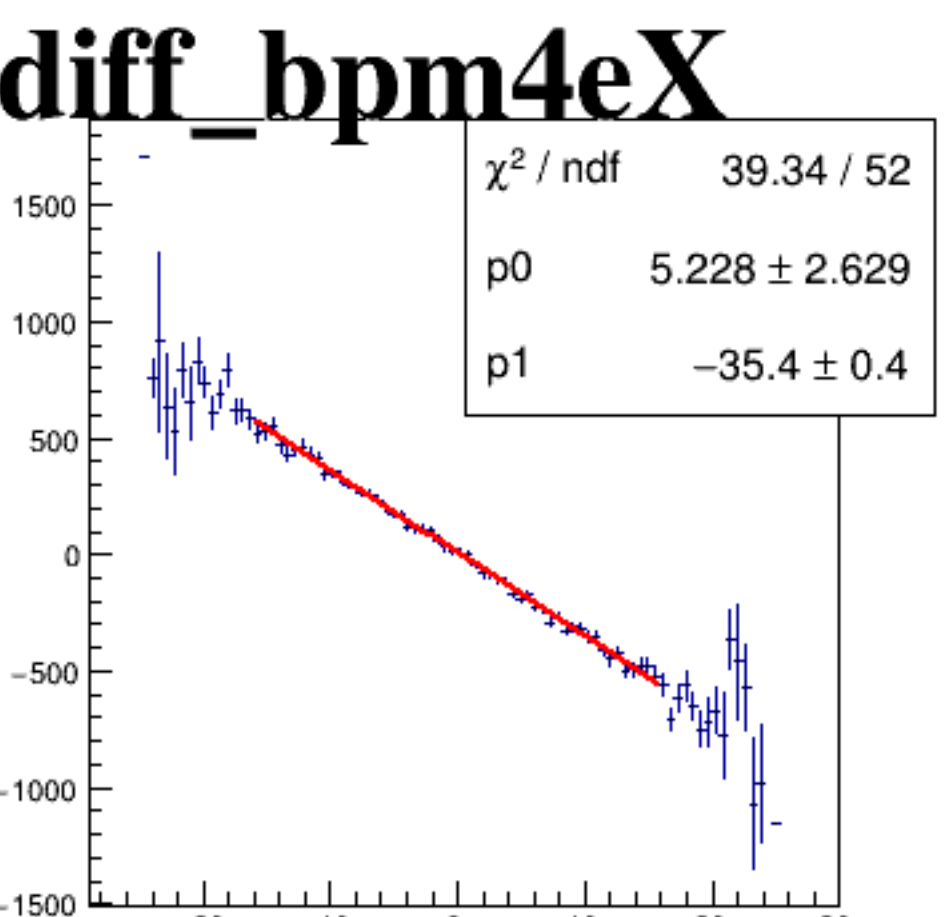
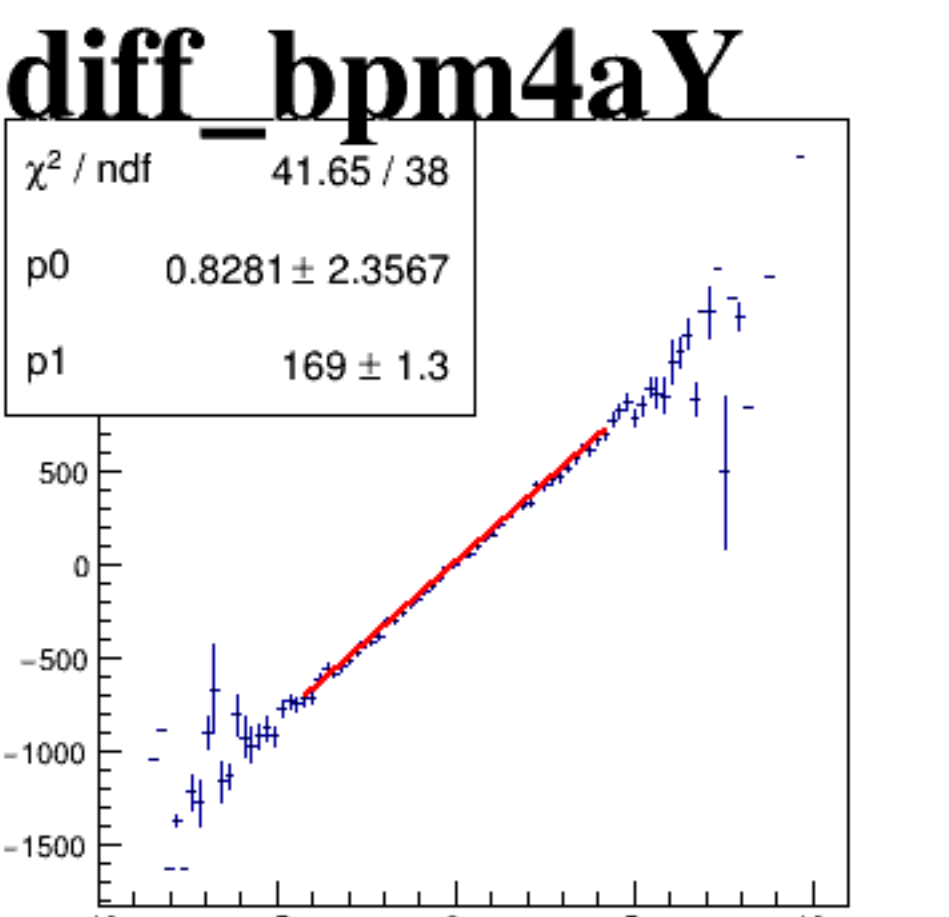
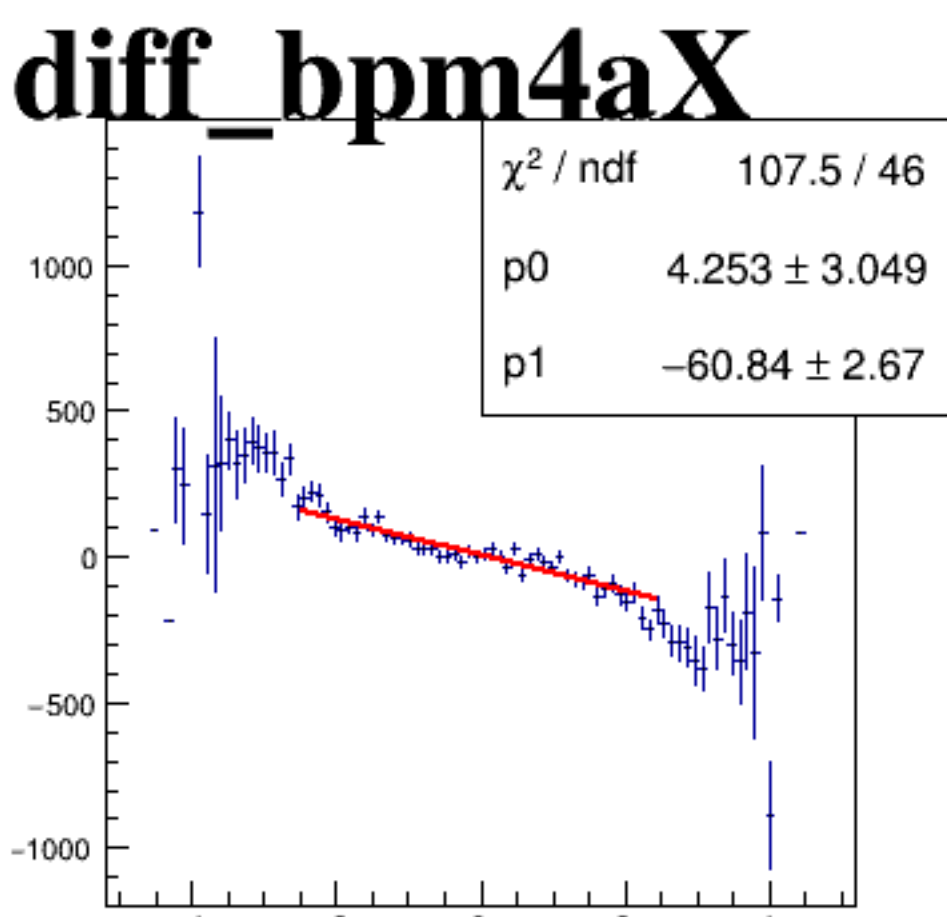
asym_sam1



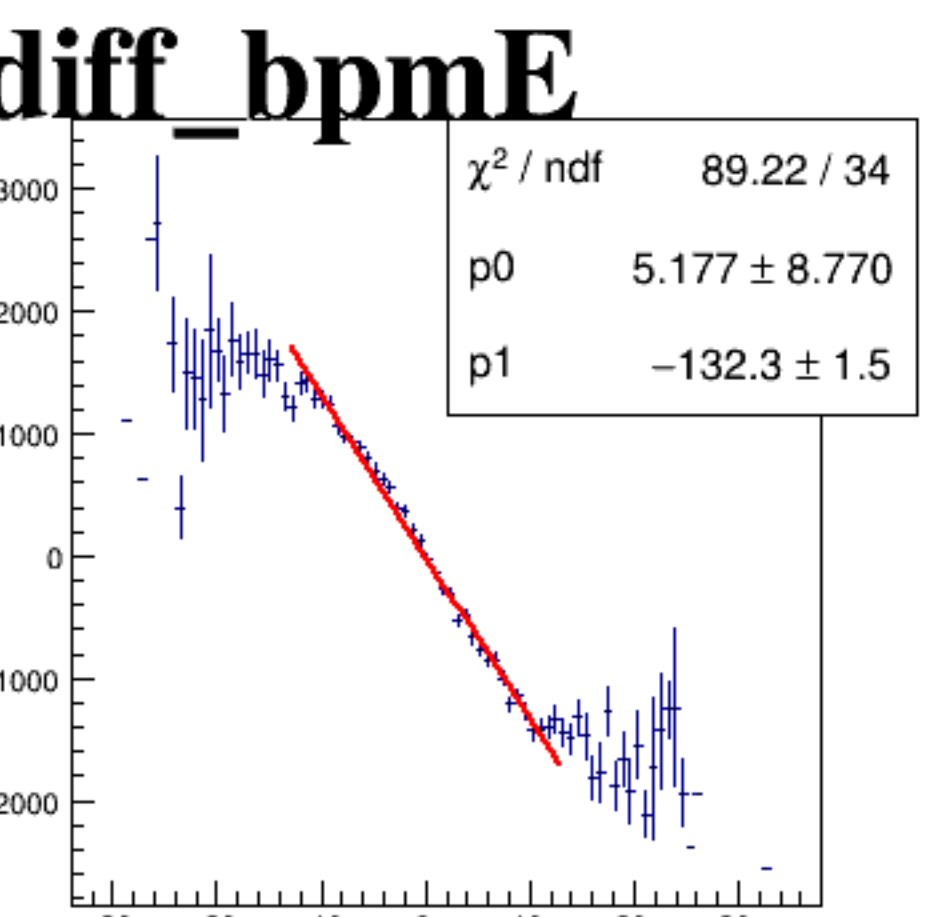
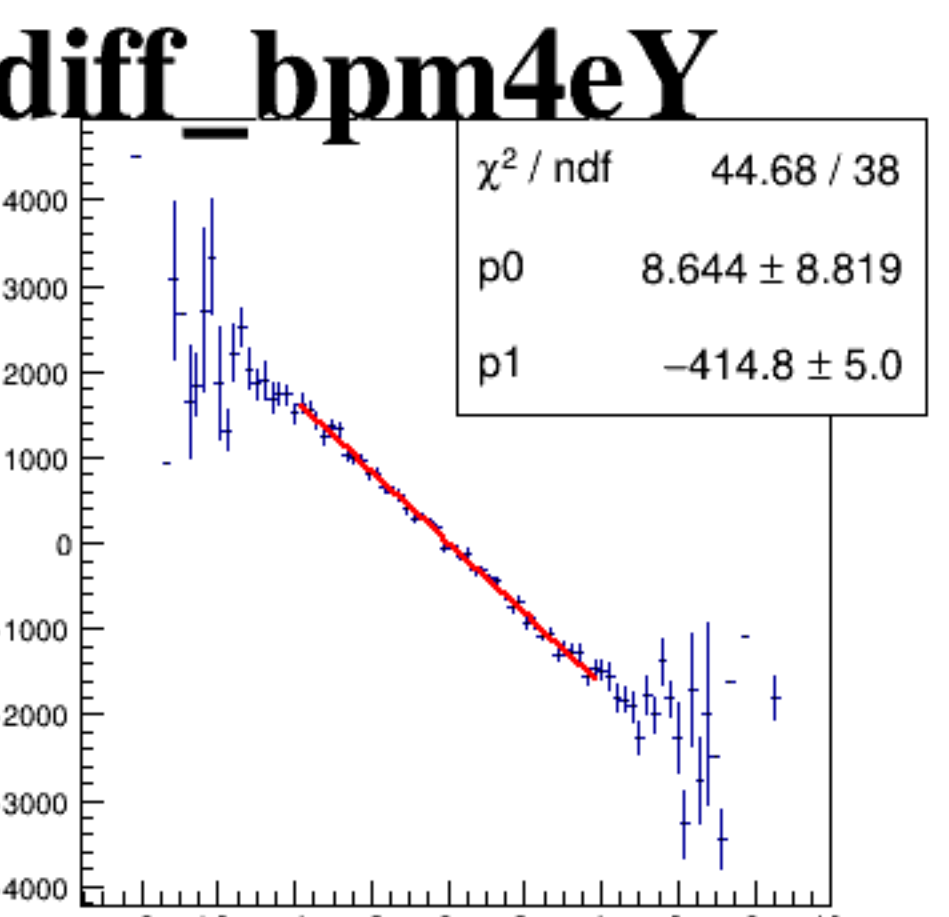
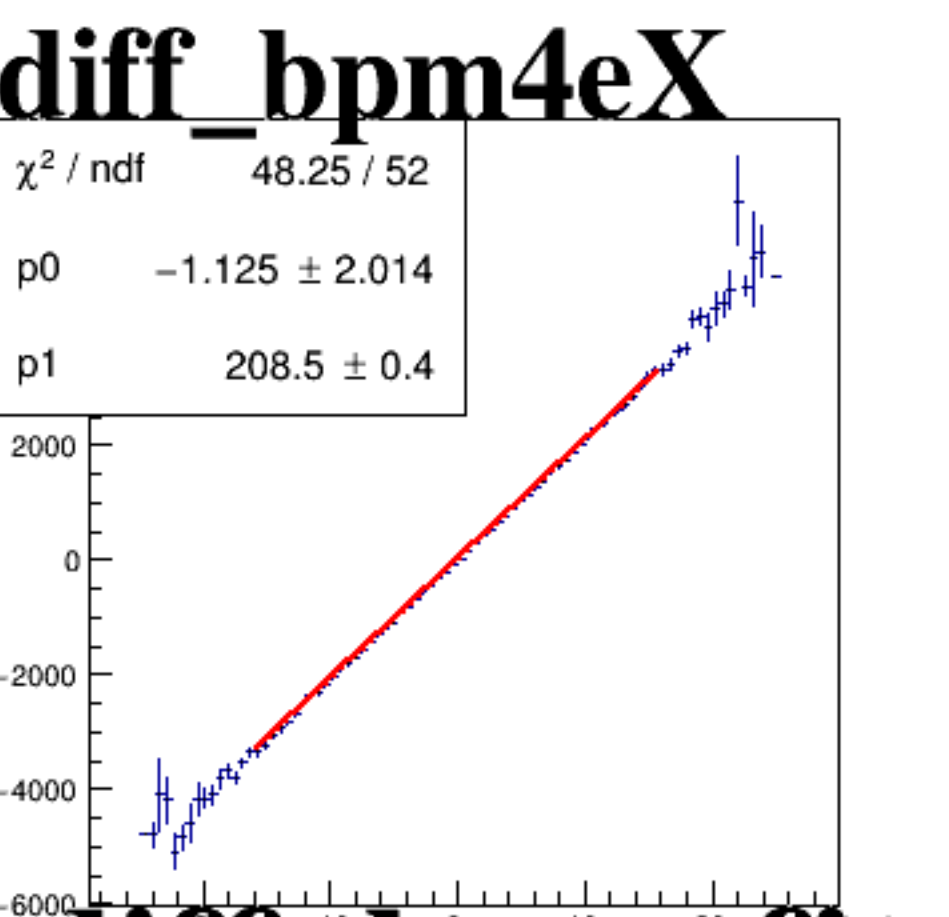
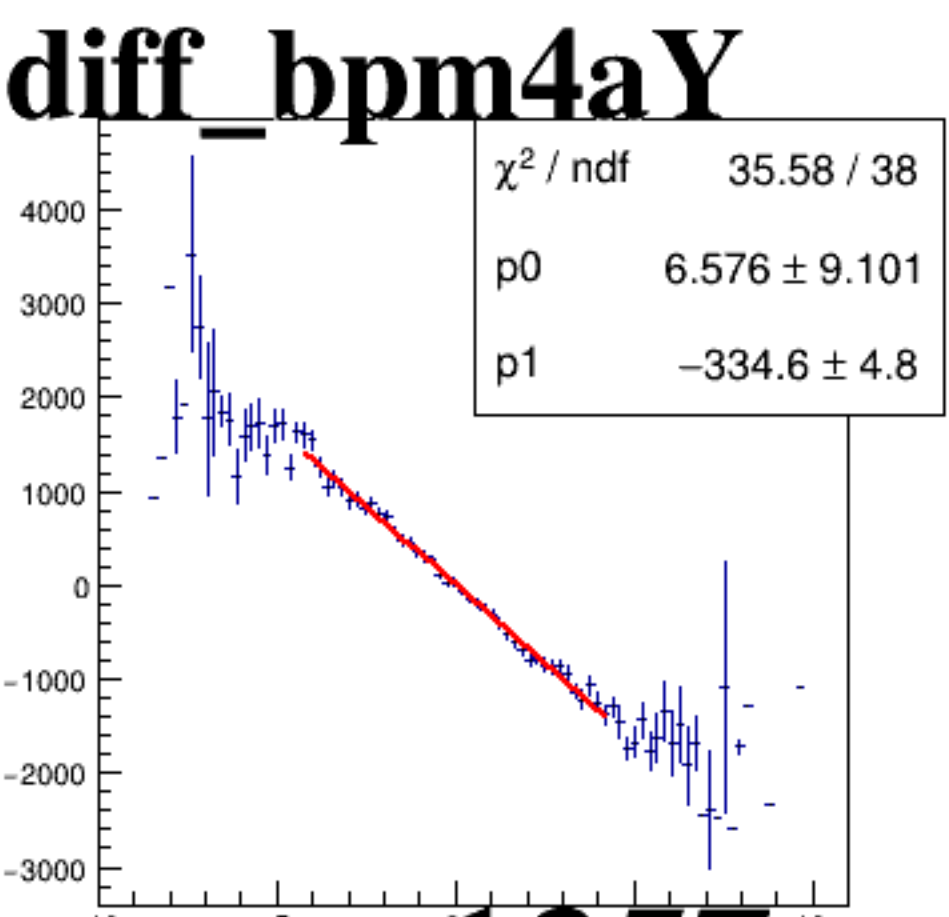
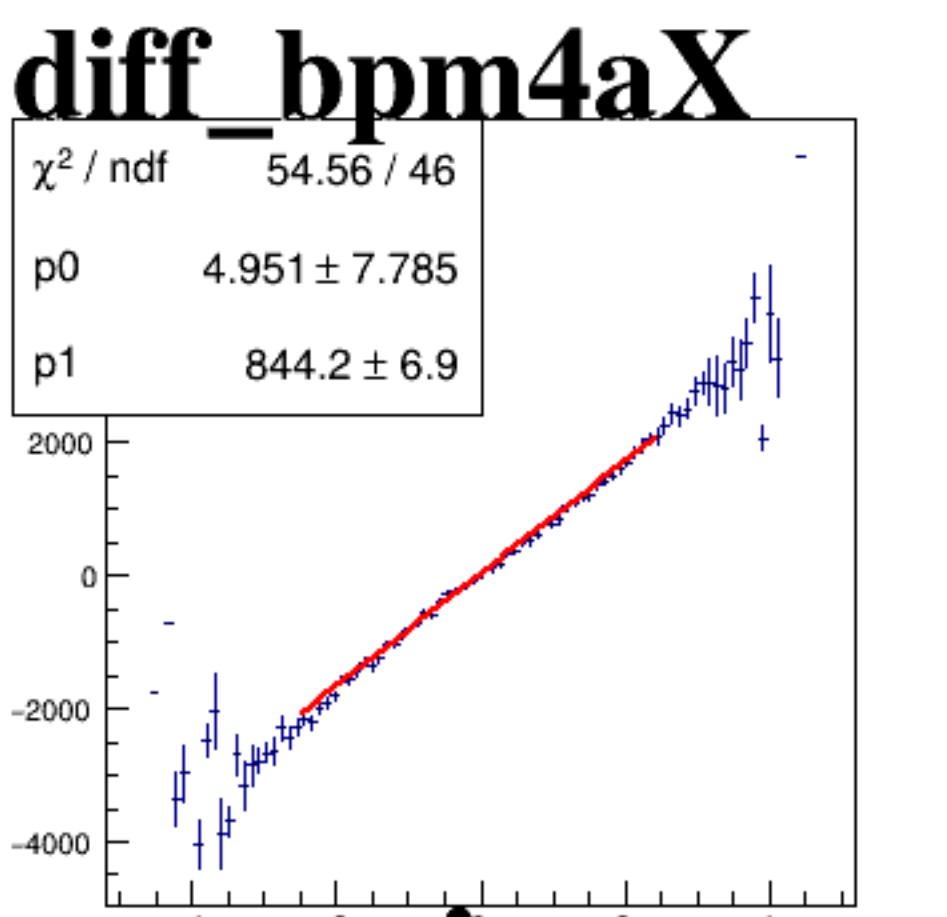
asym_sam3



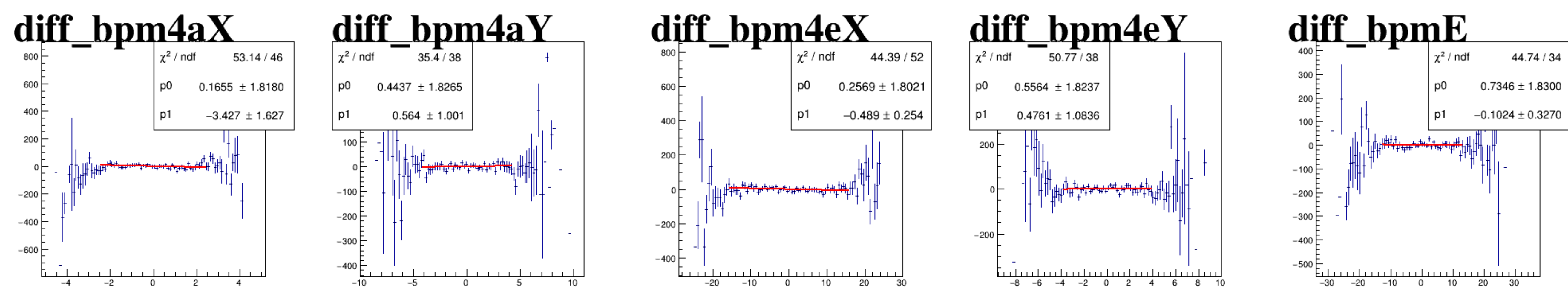
asym_sam5



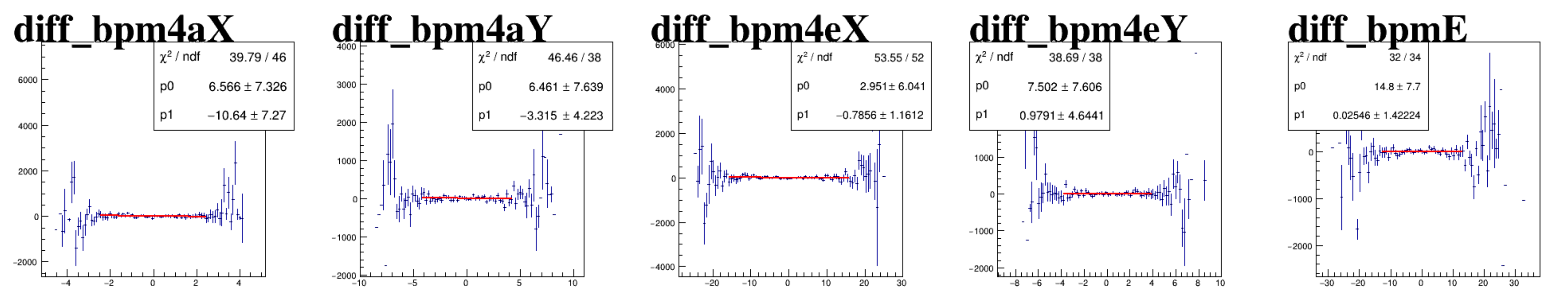
asym_sam7



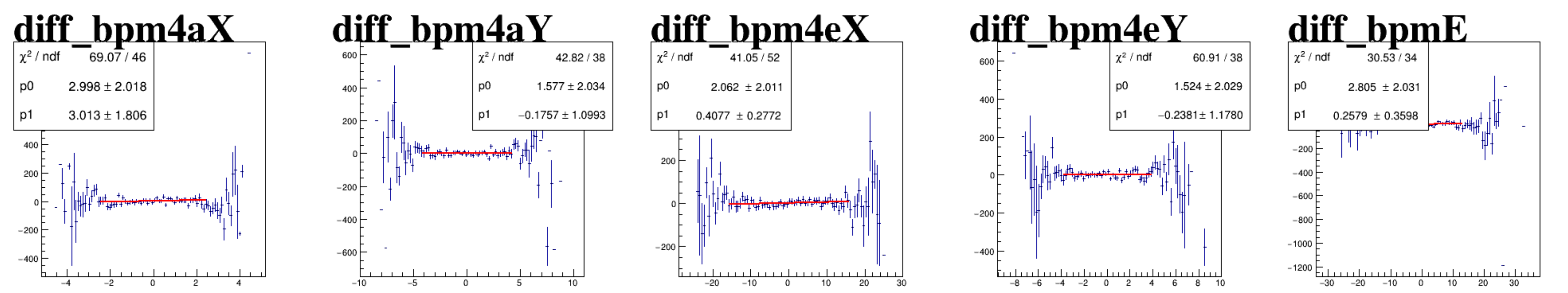
reg_asym_sam1



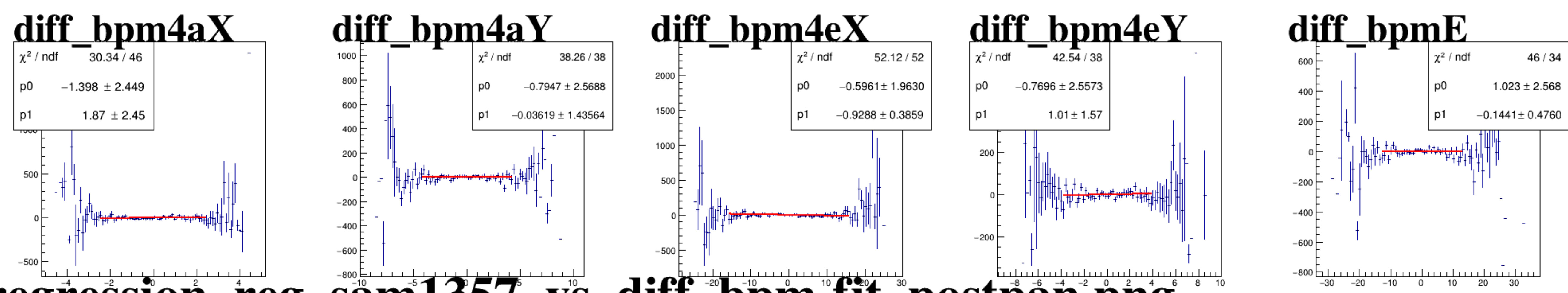
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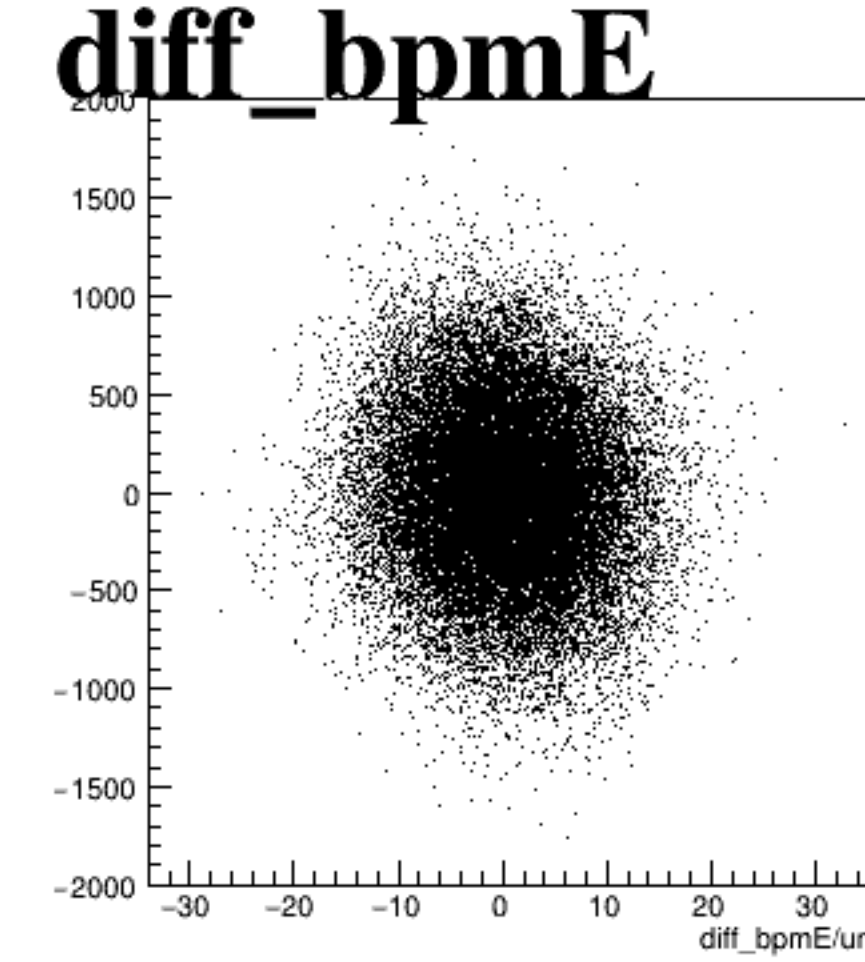
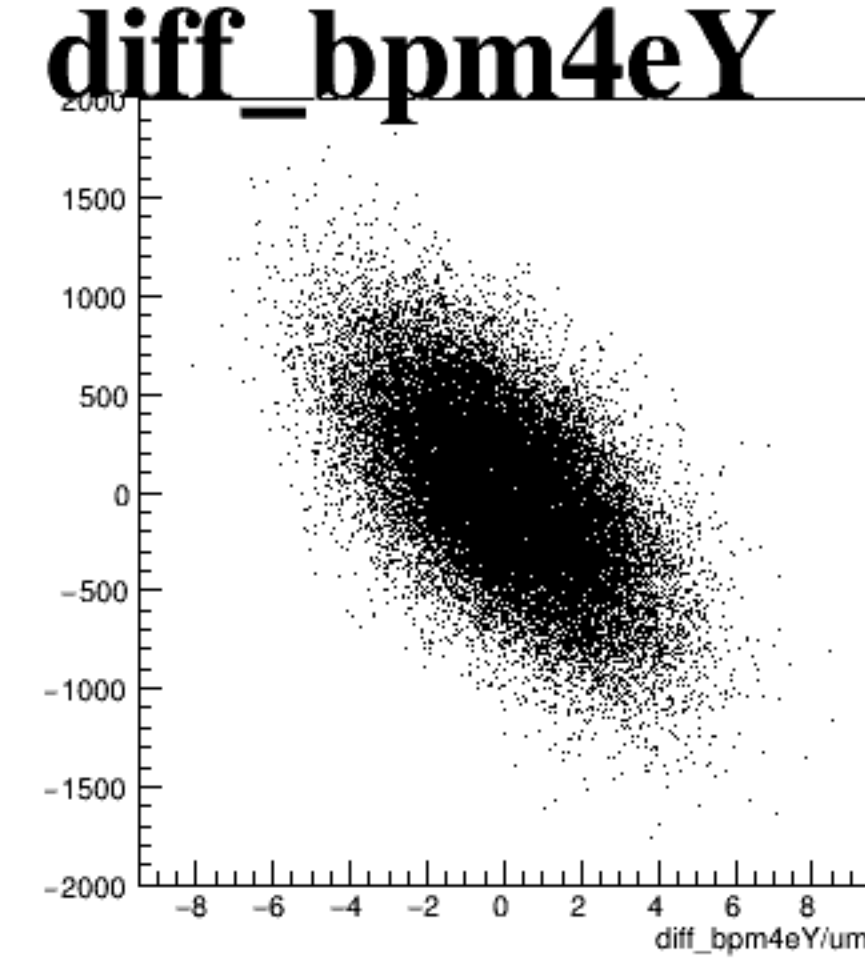
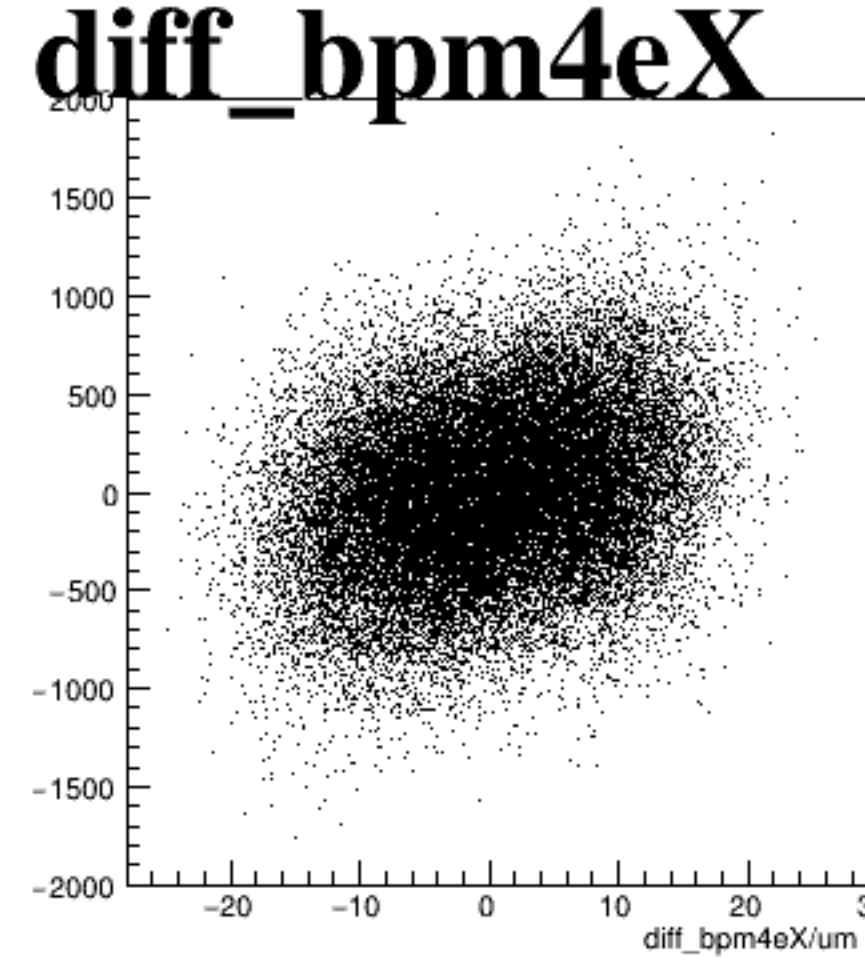
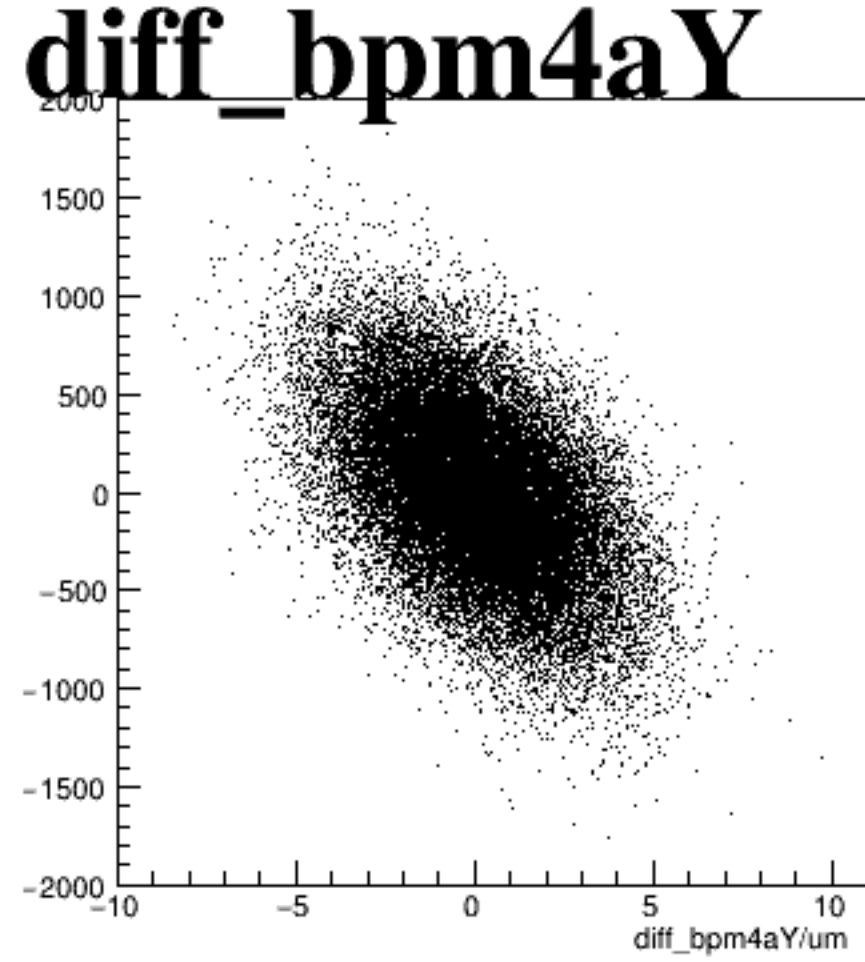
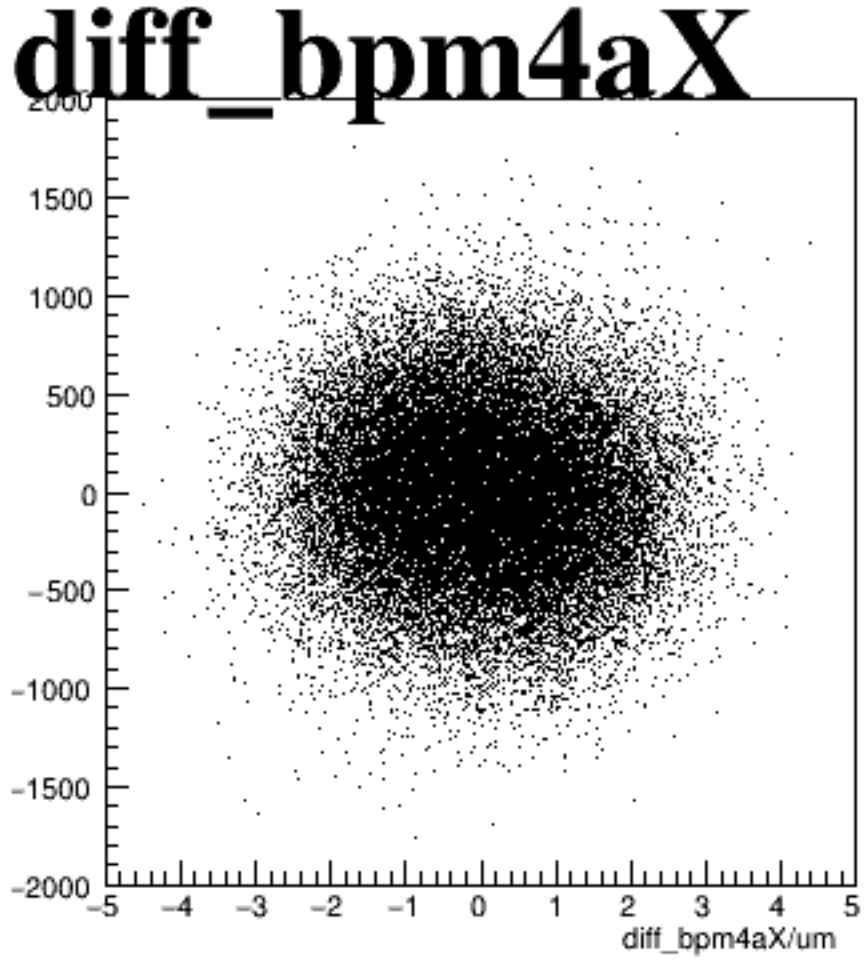
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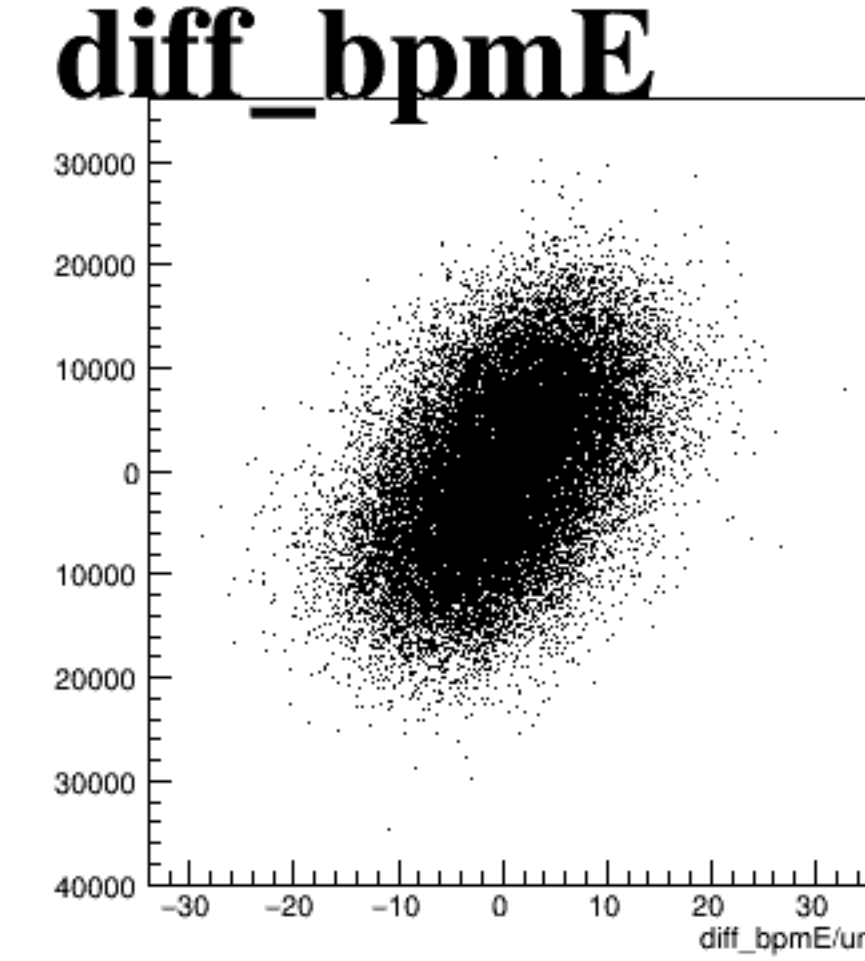
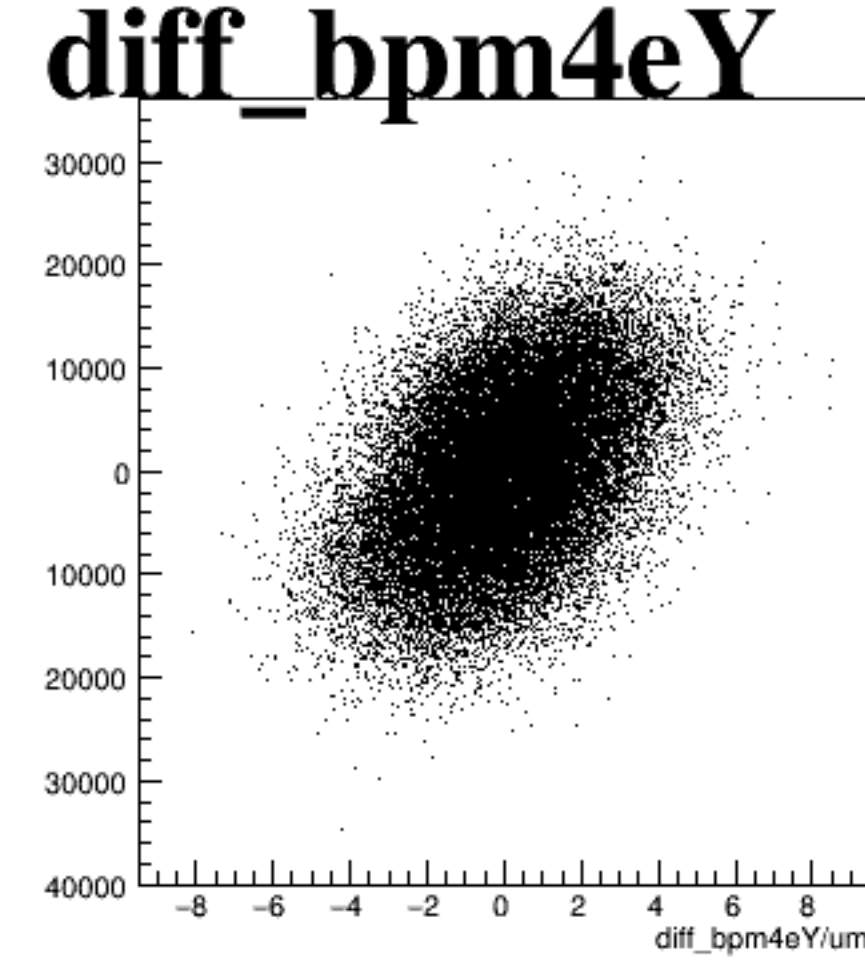
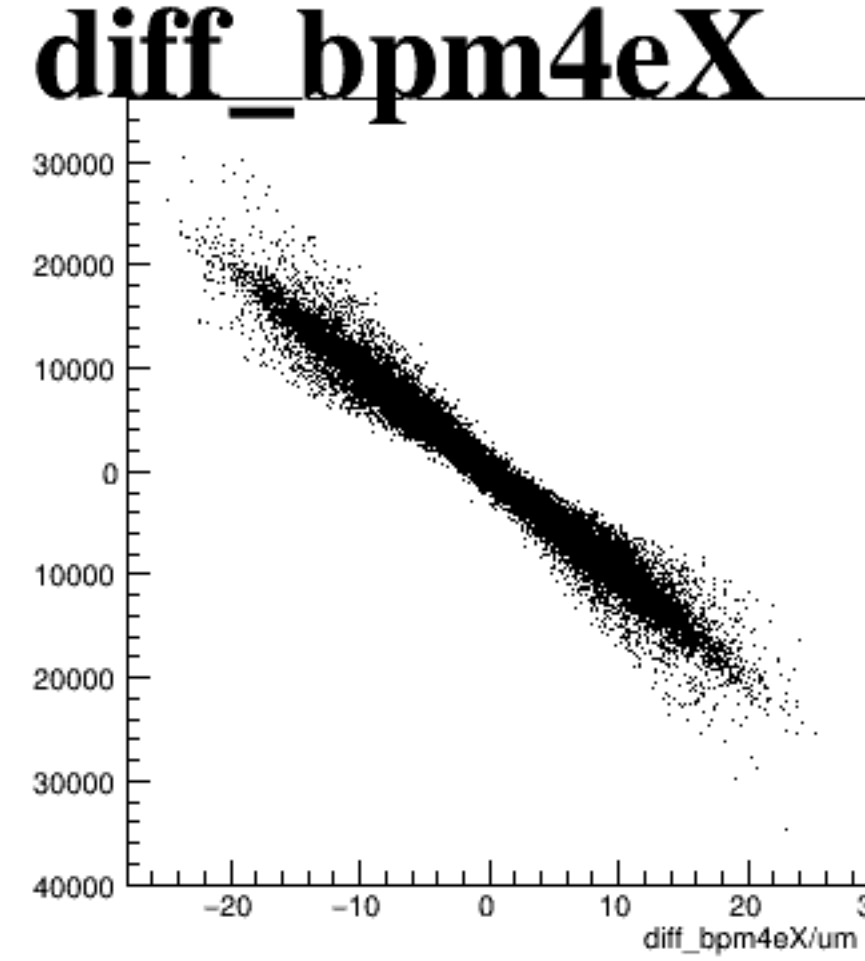
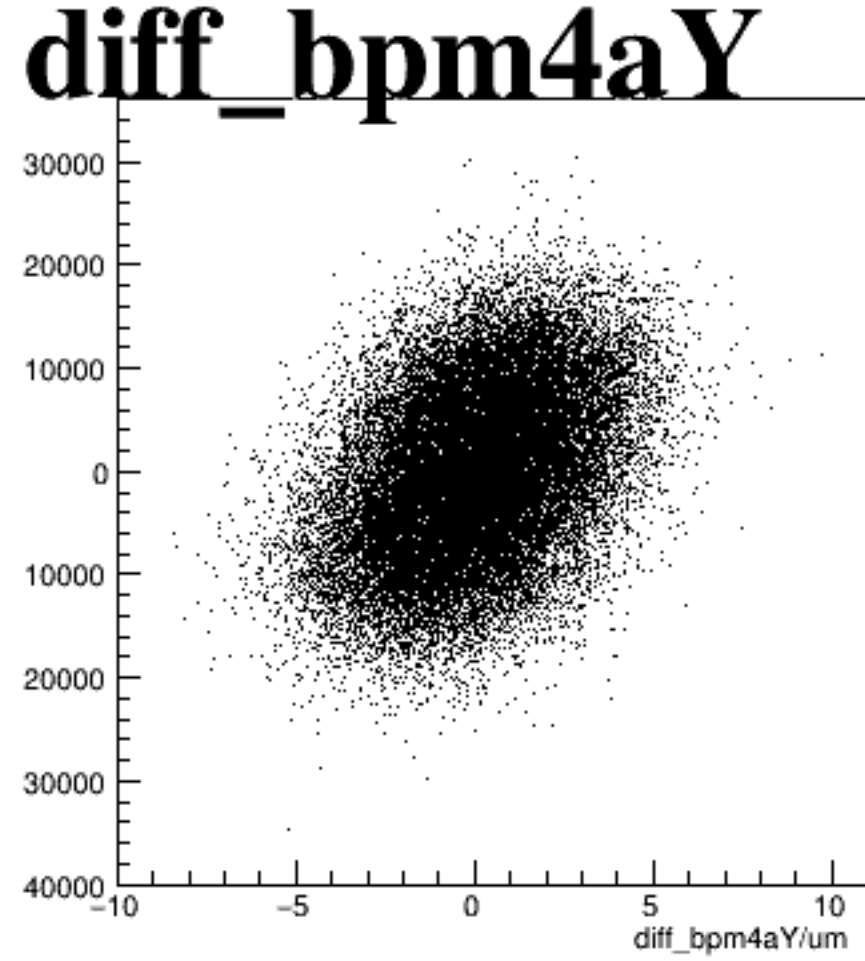
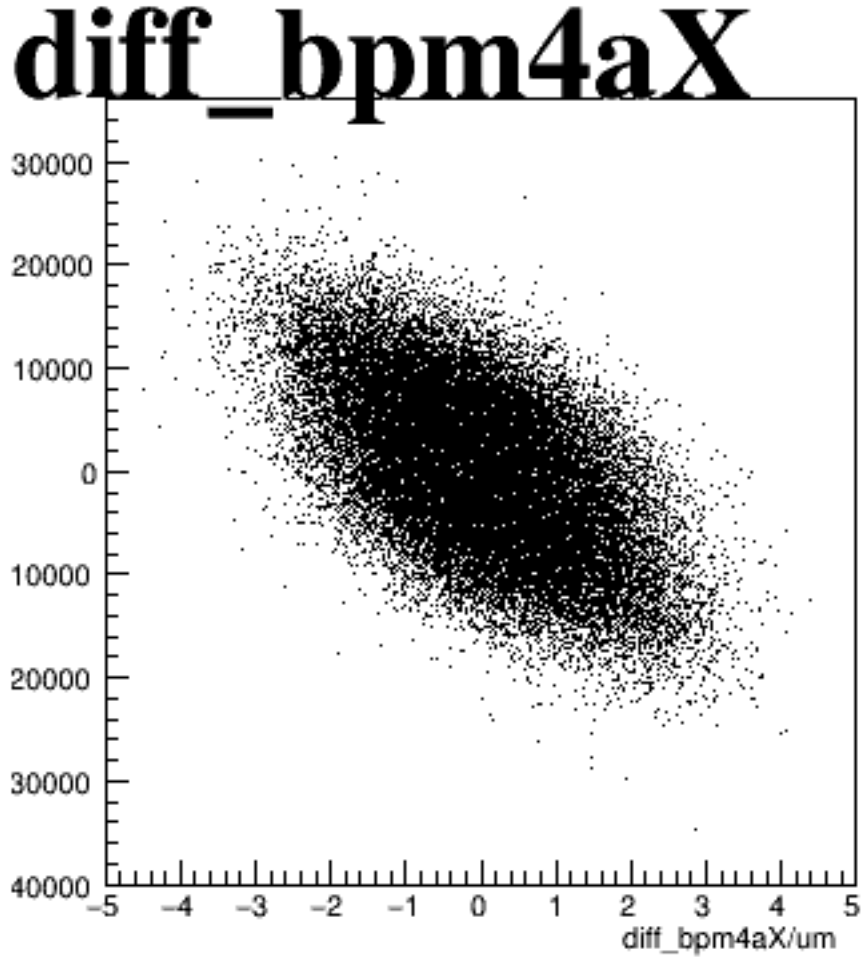
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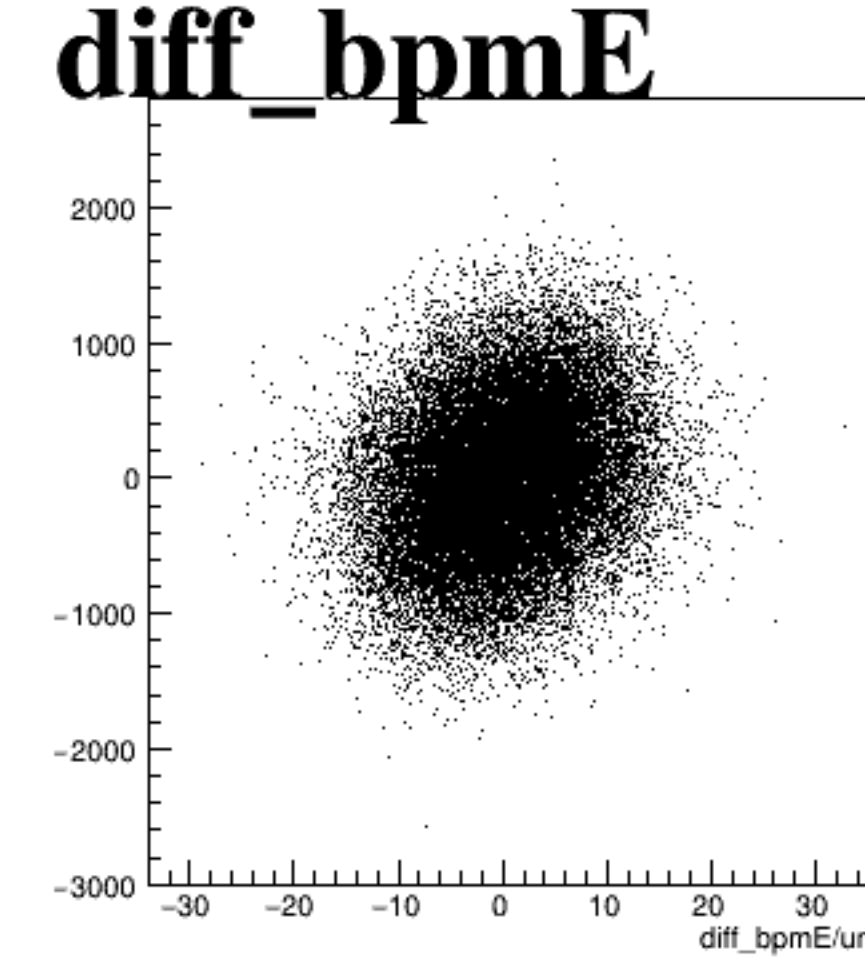
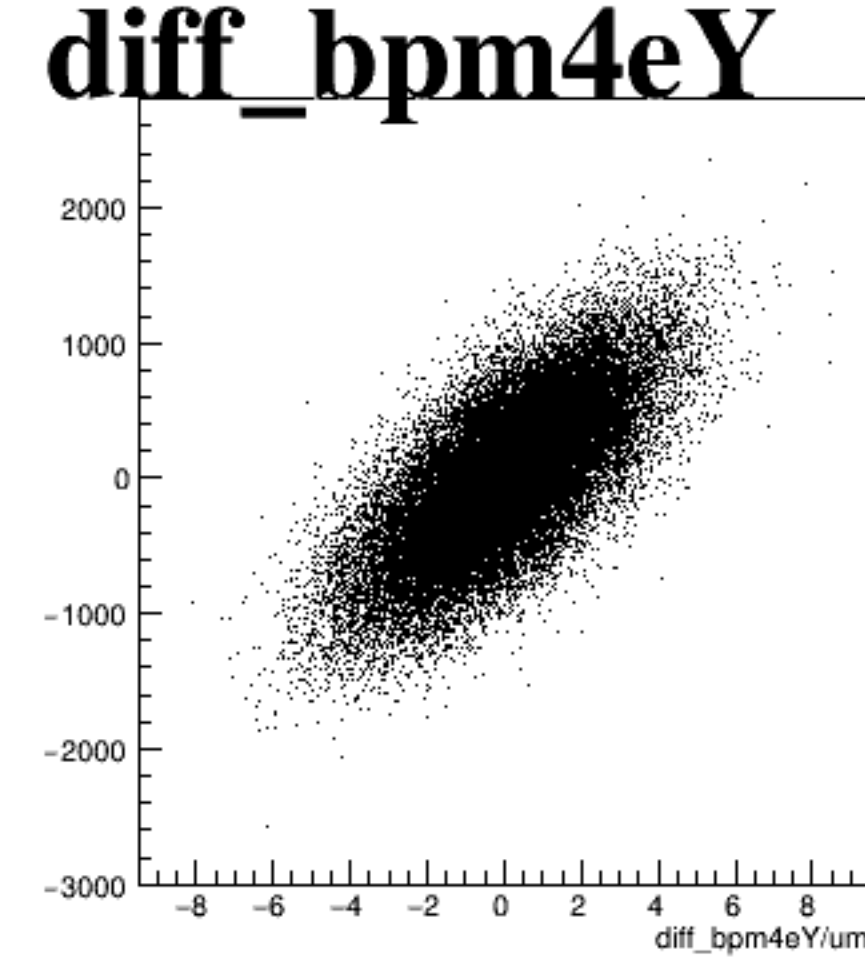
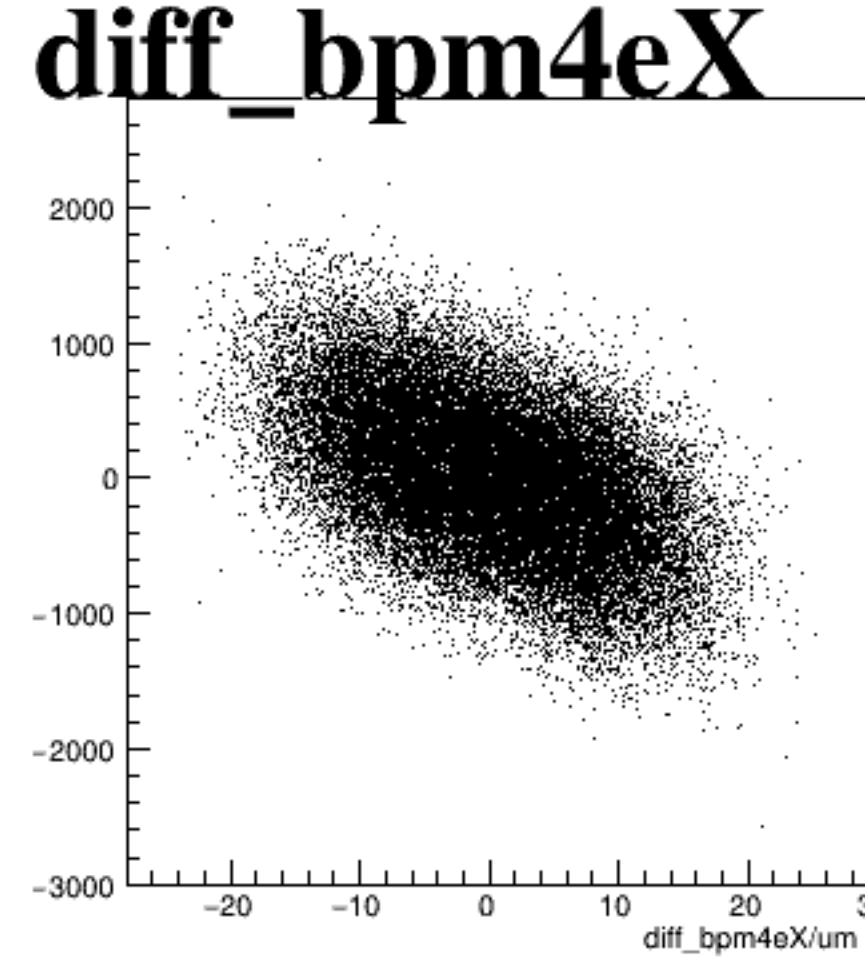
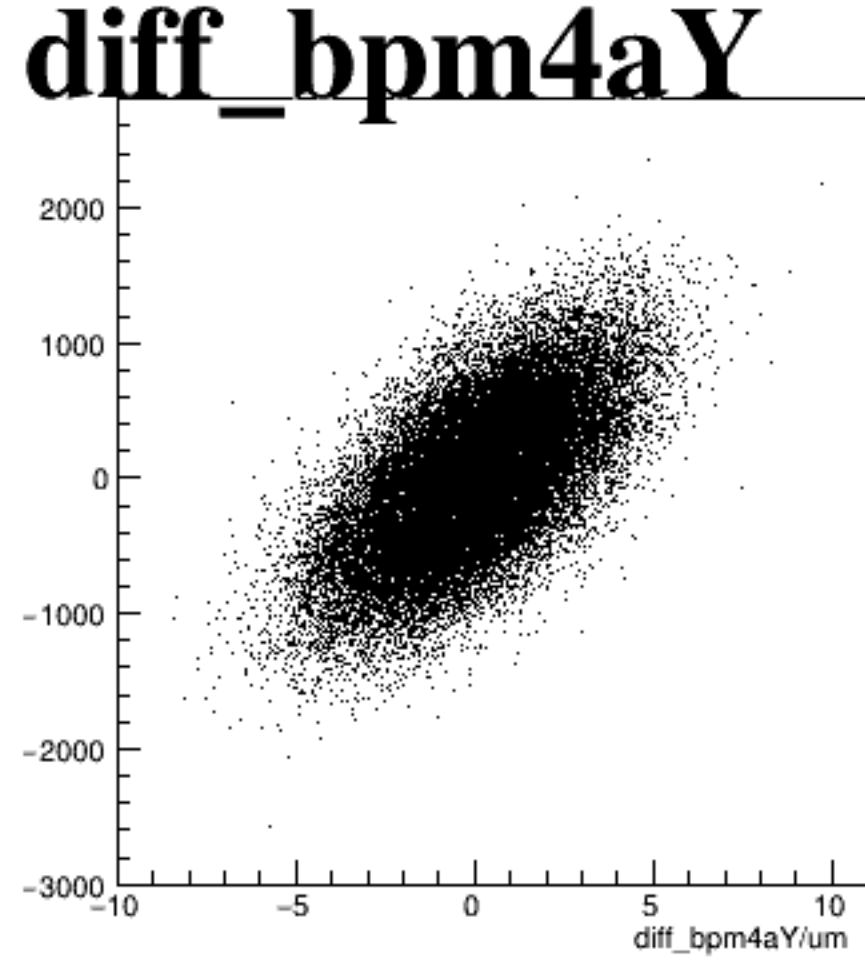
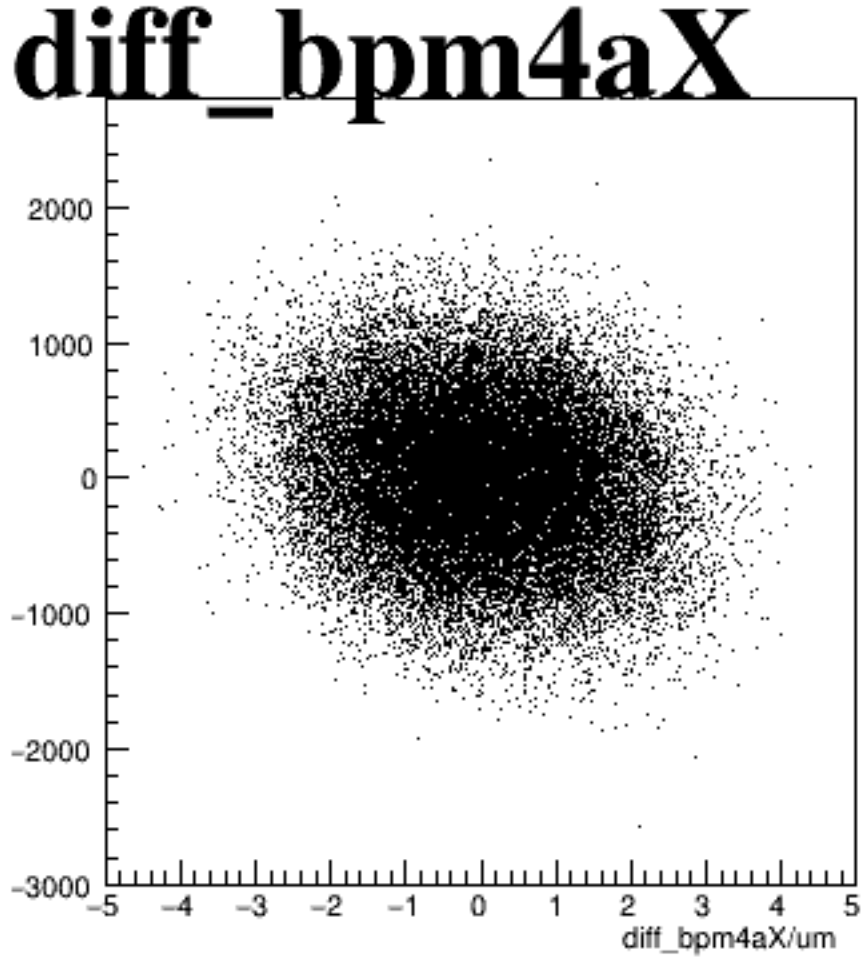
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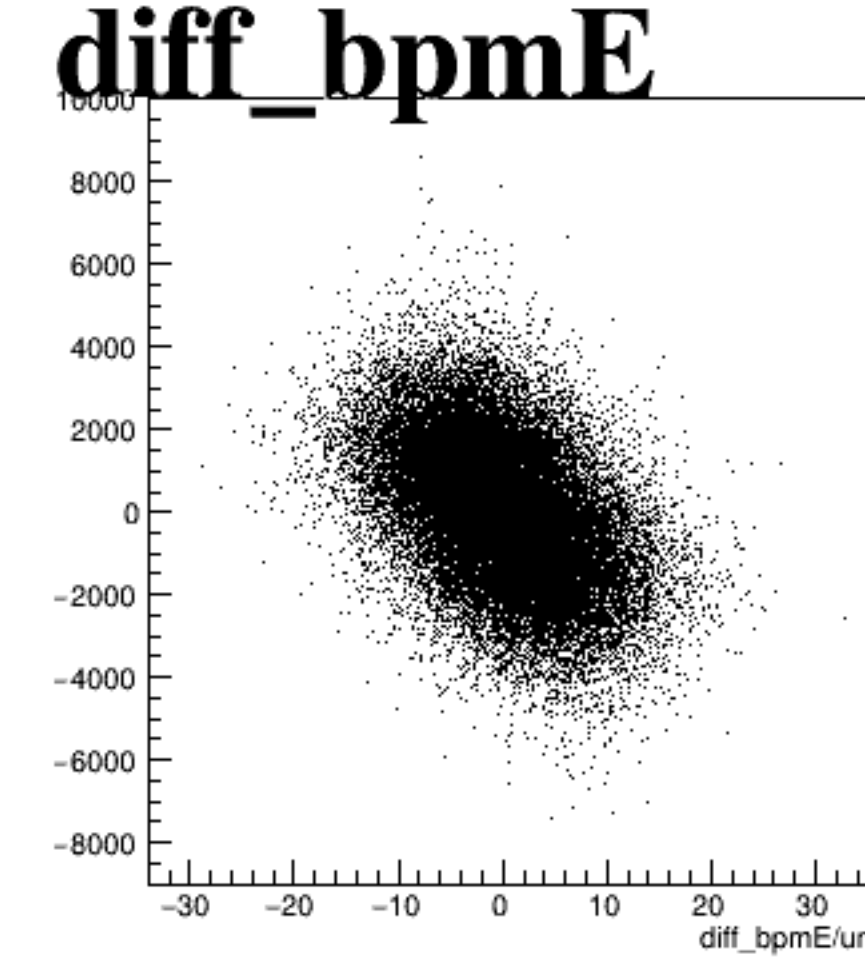
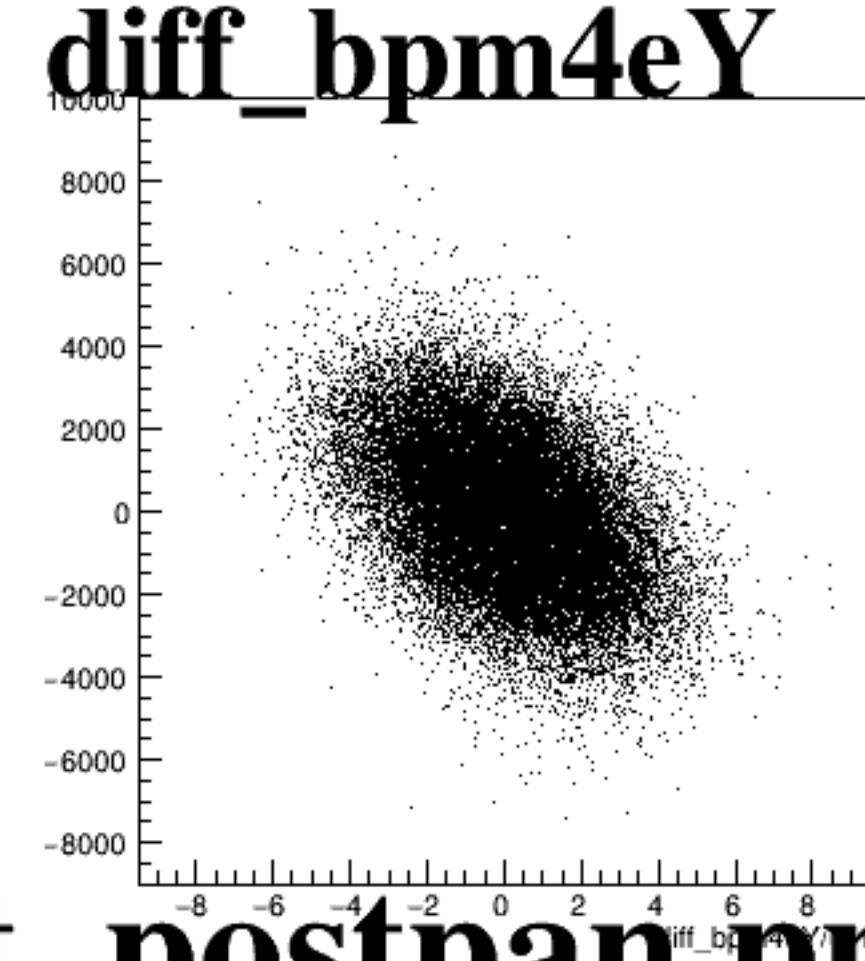
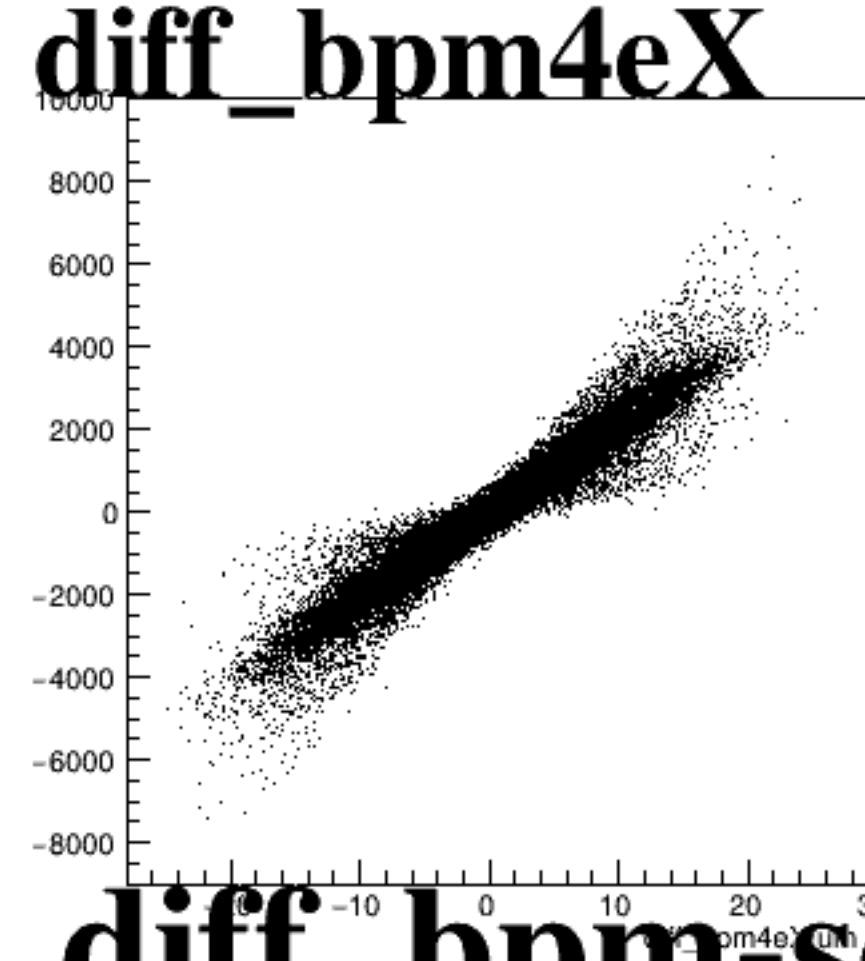
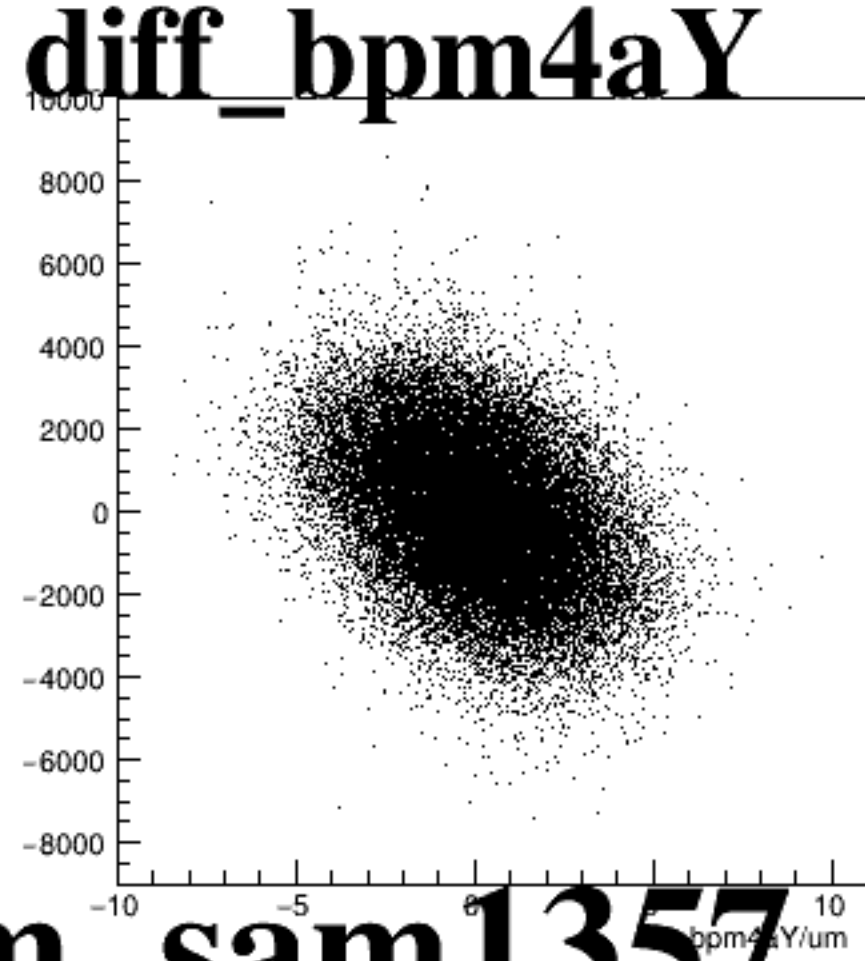
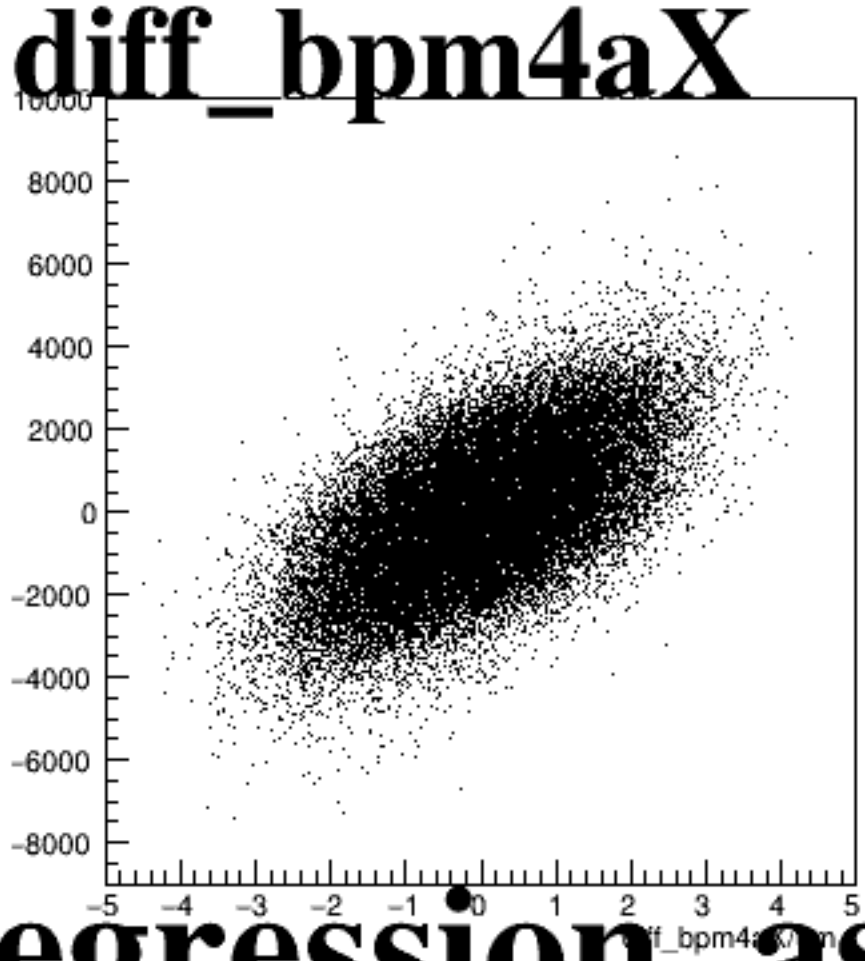
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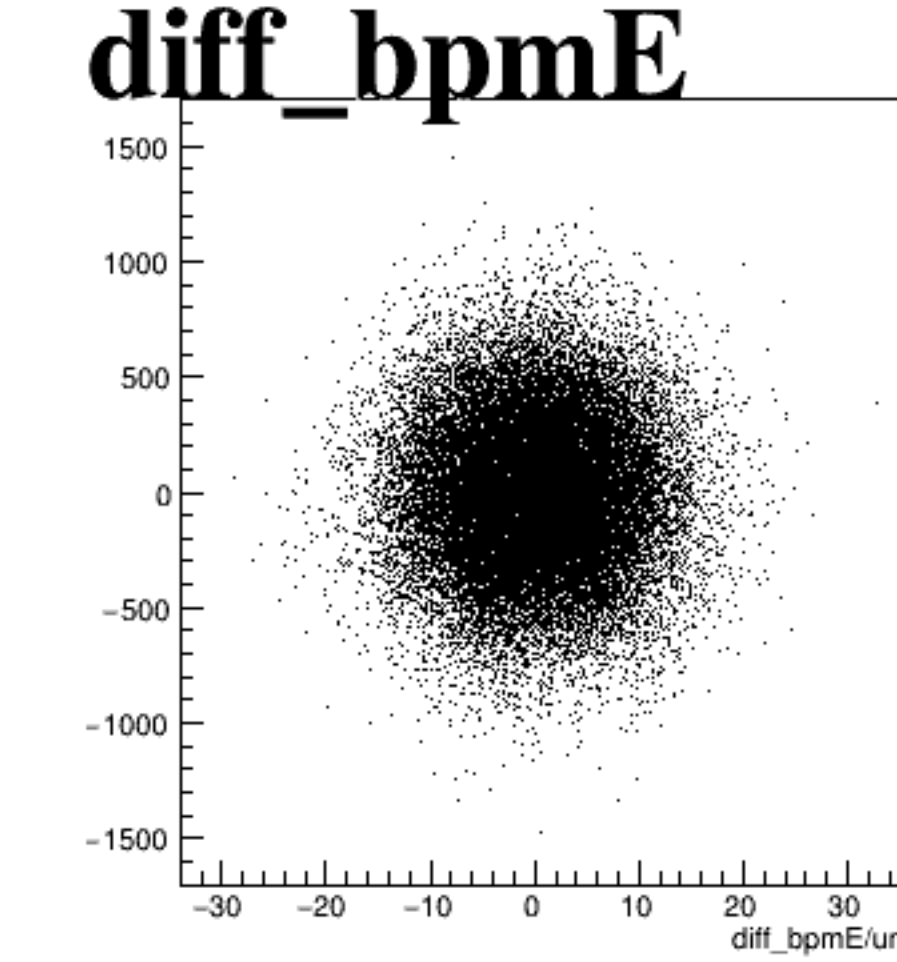
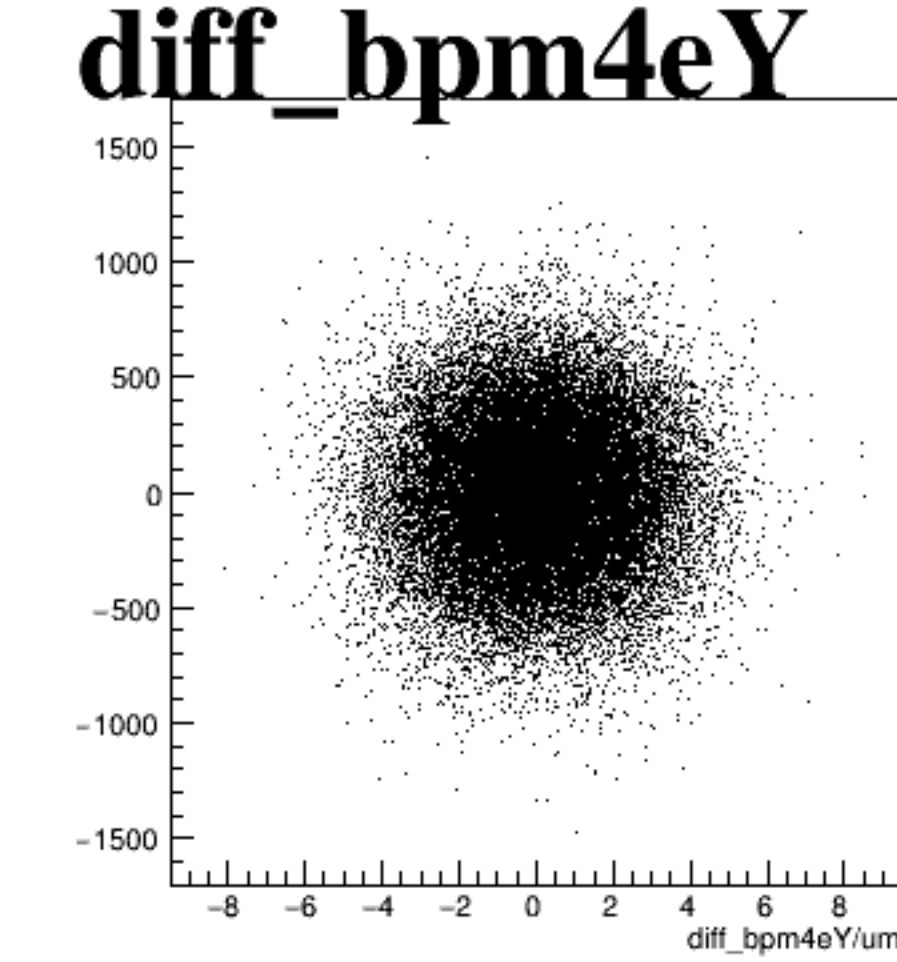
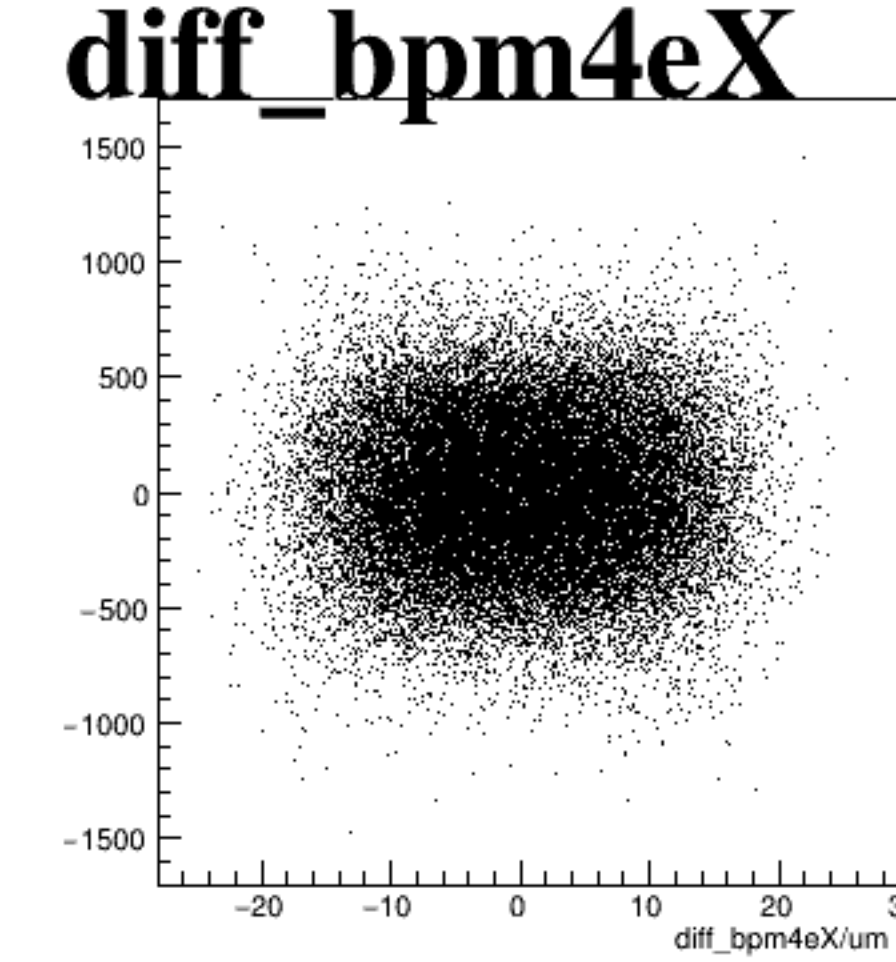
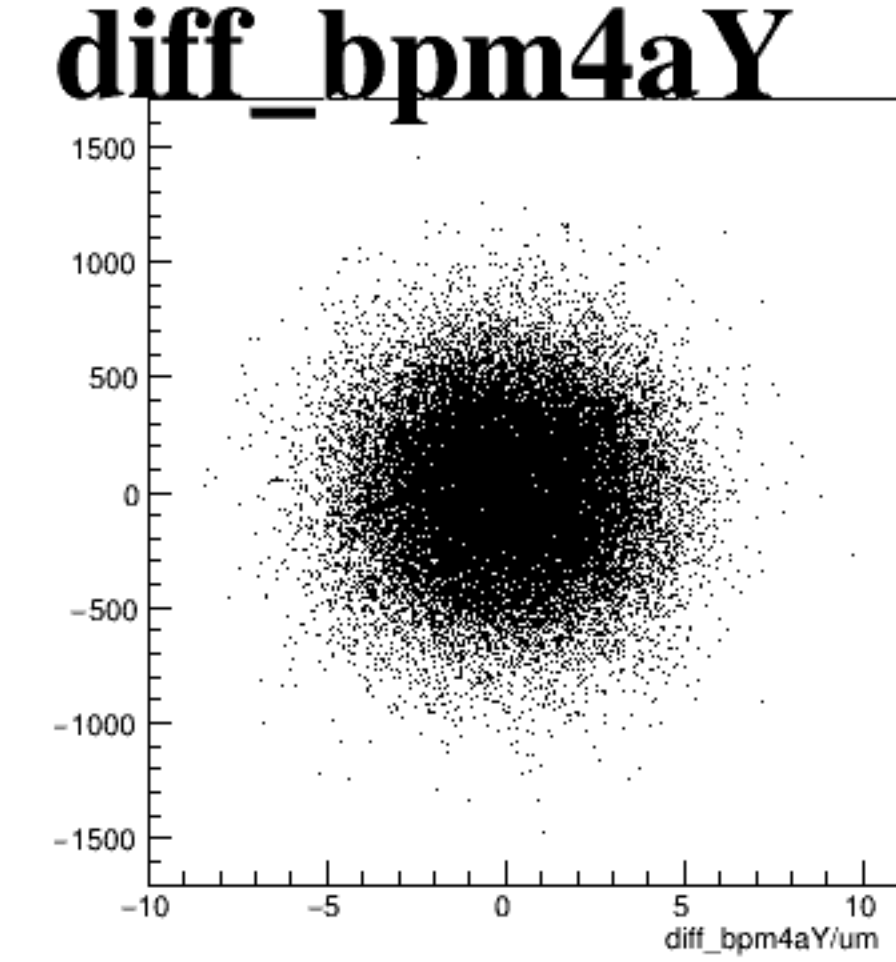
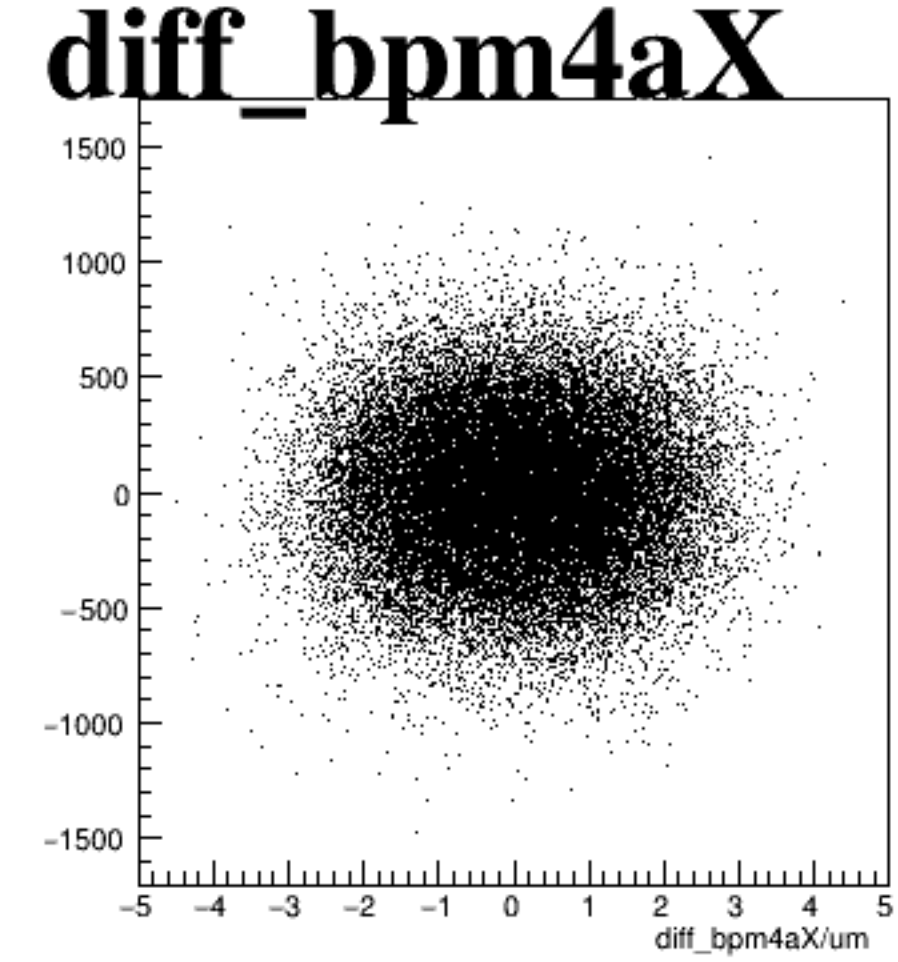
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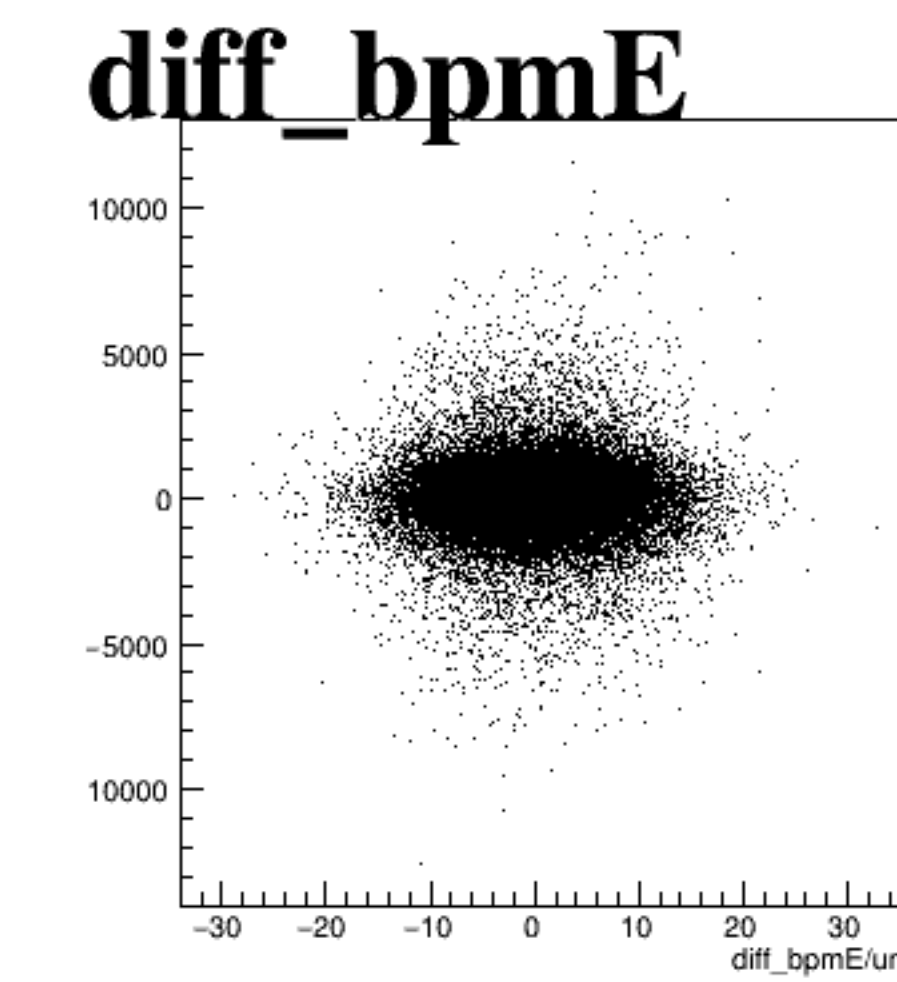
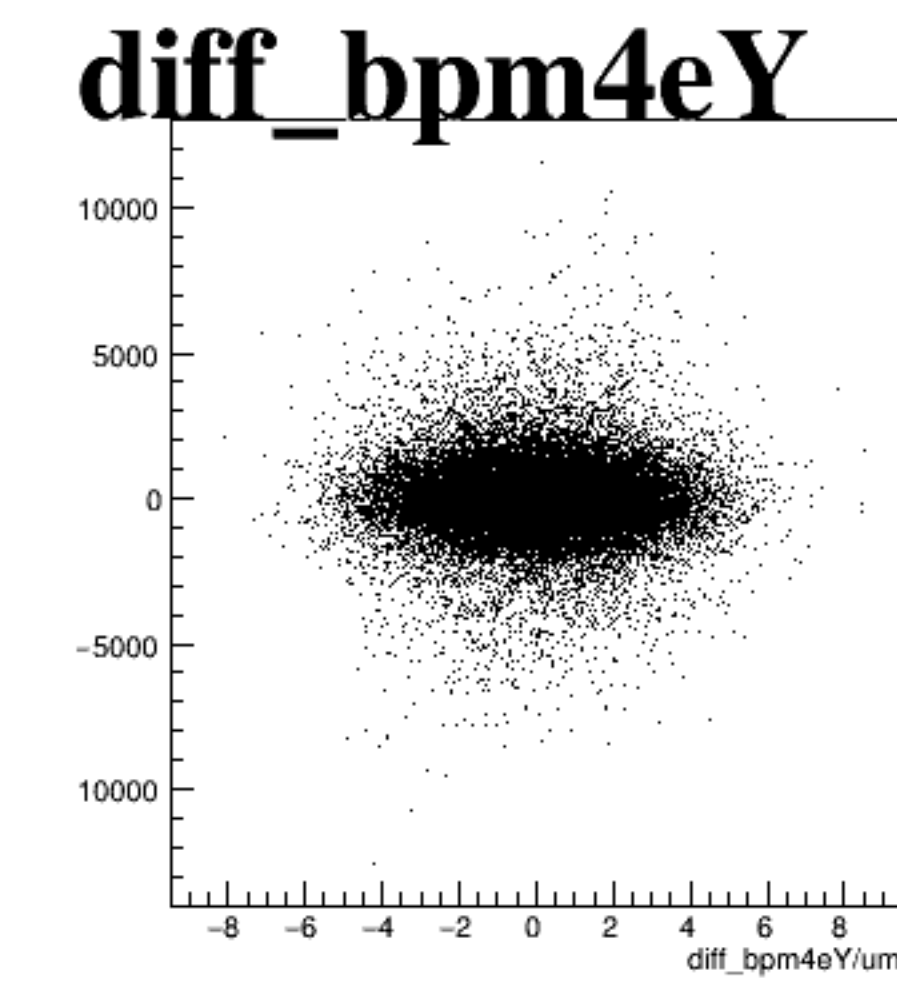
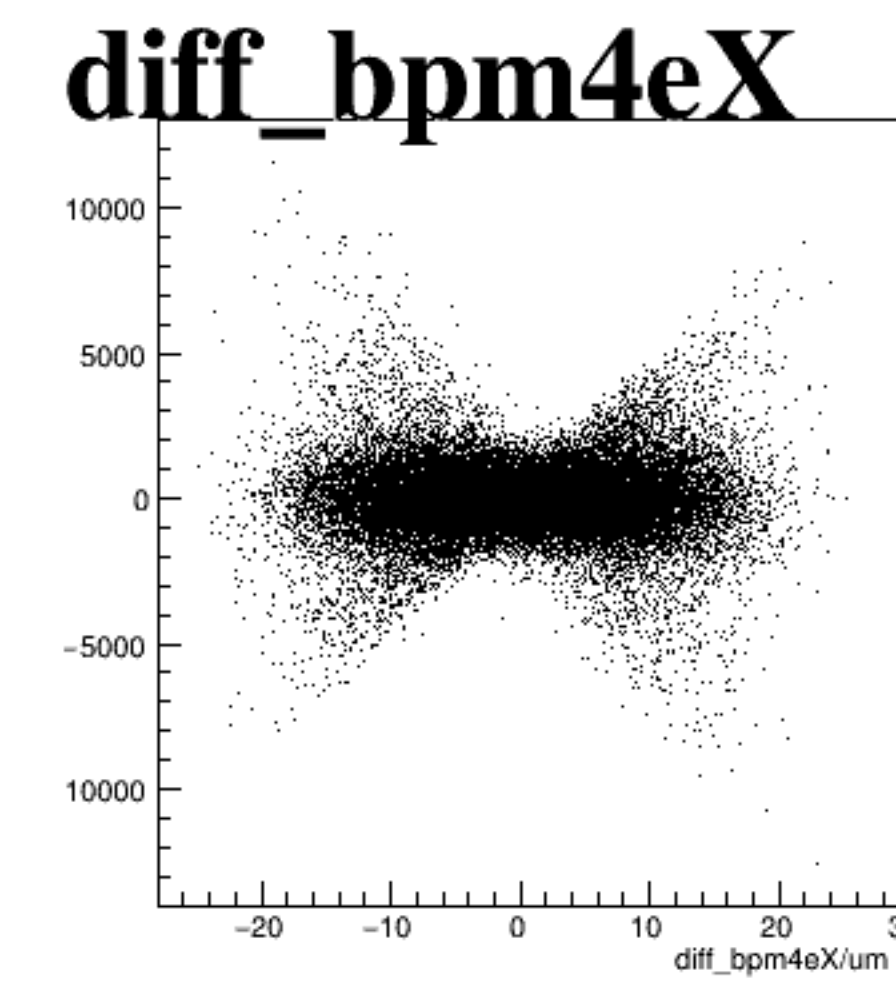
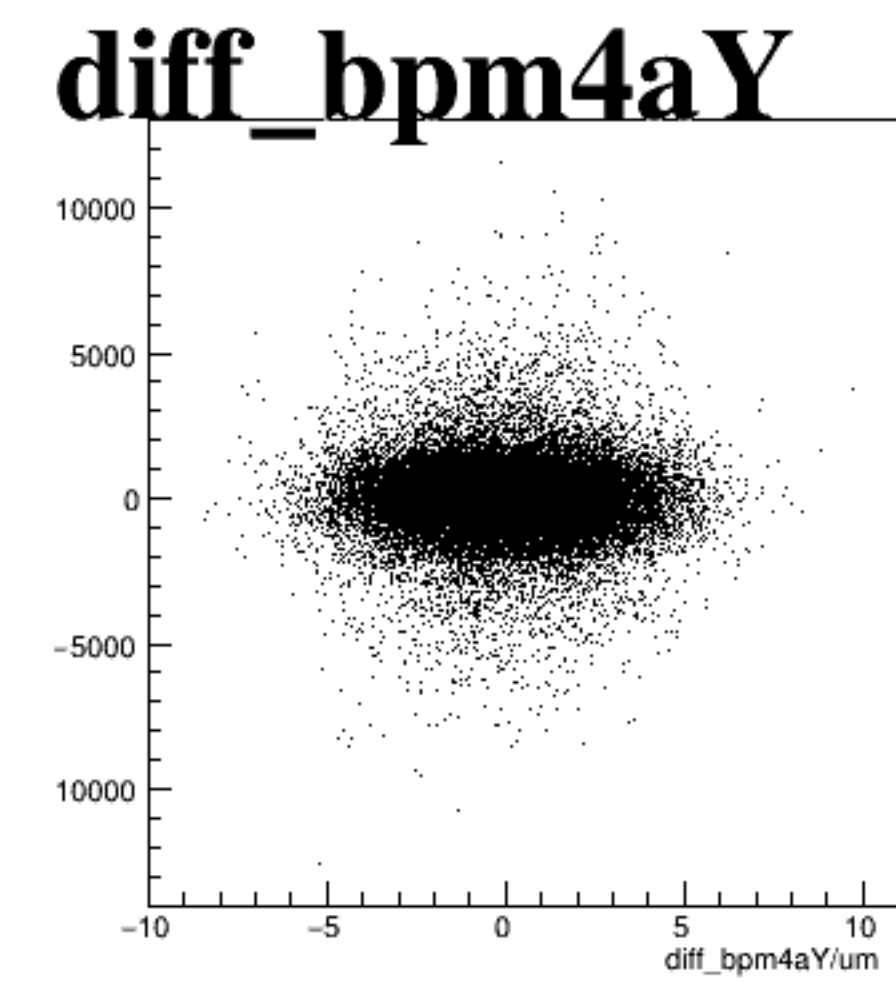
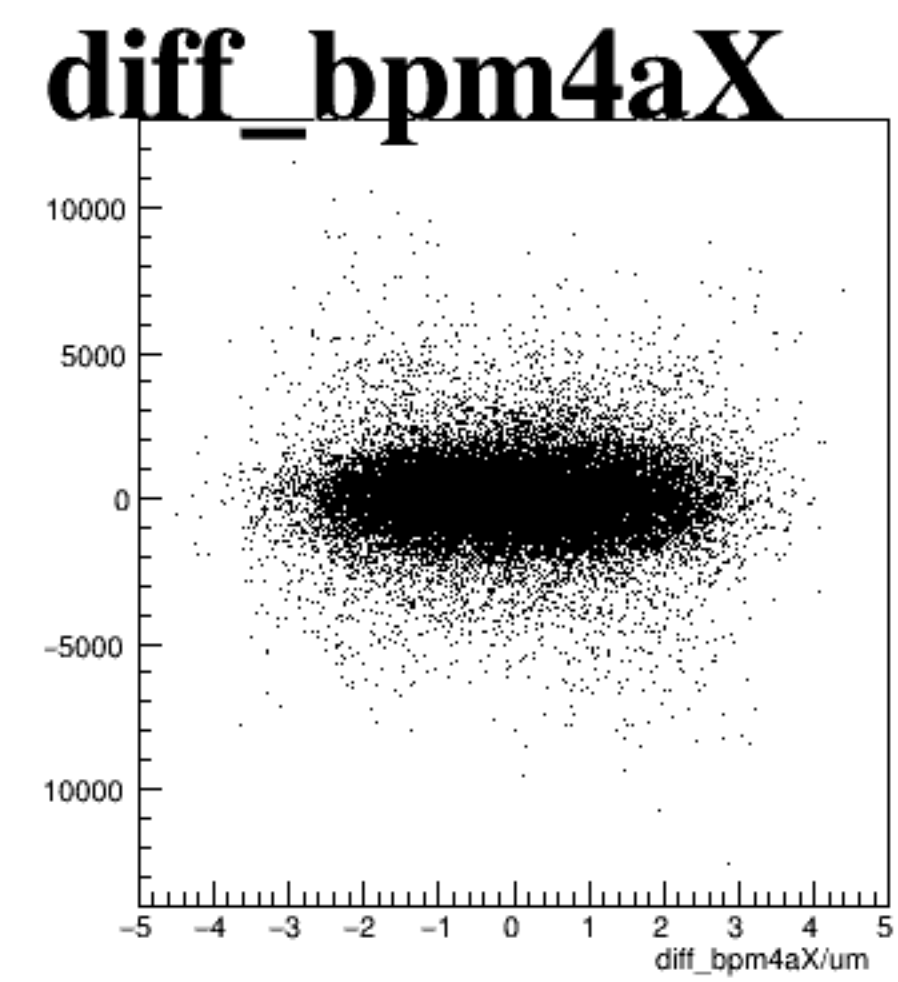
asym_sam7



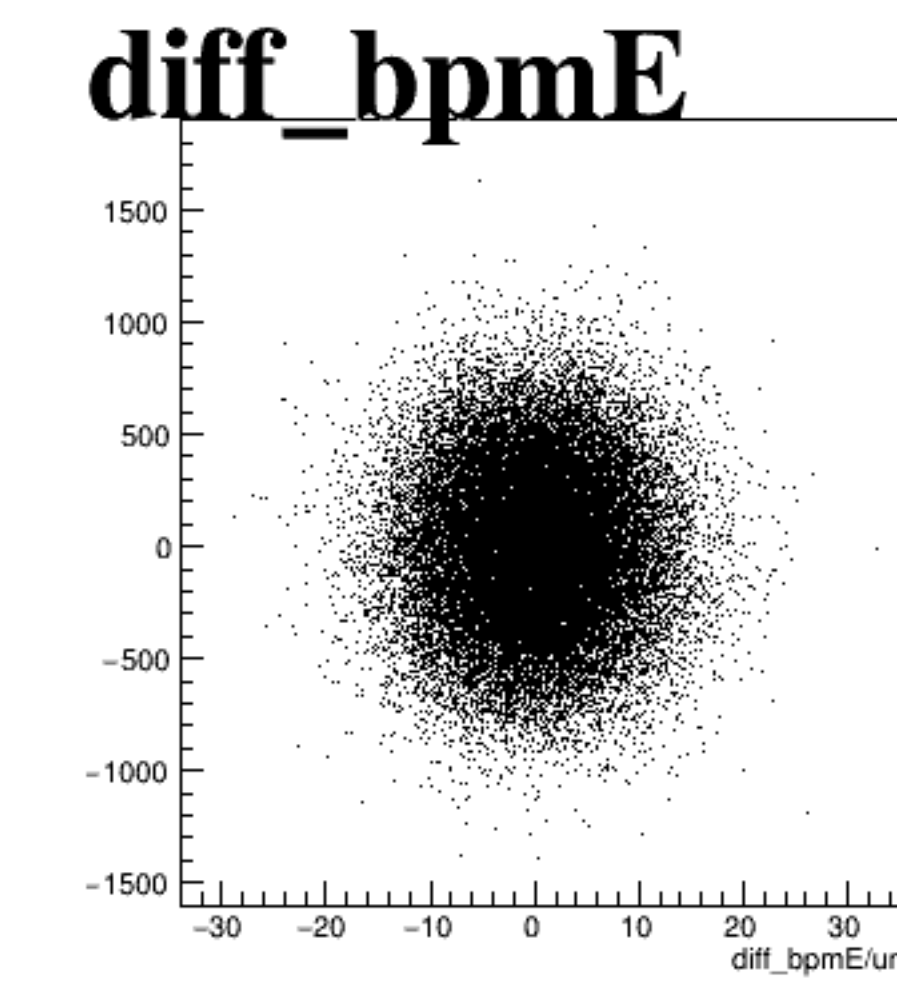
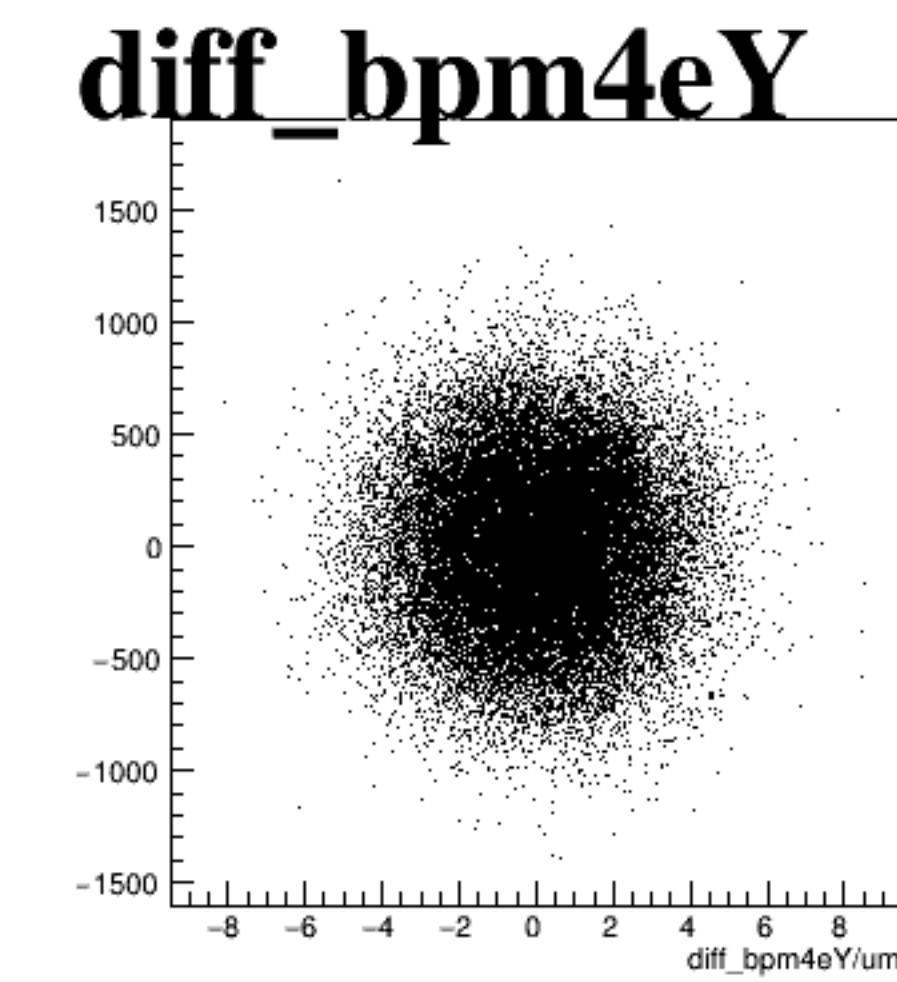
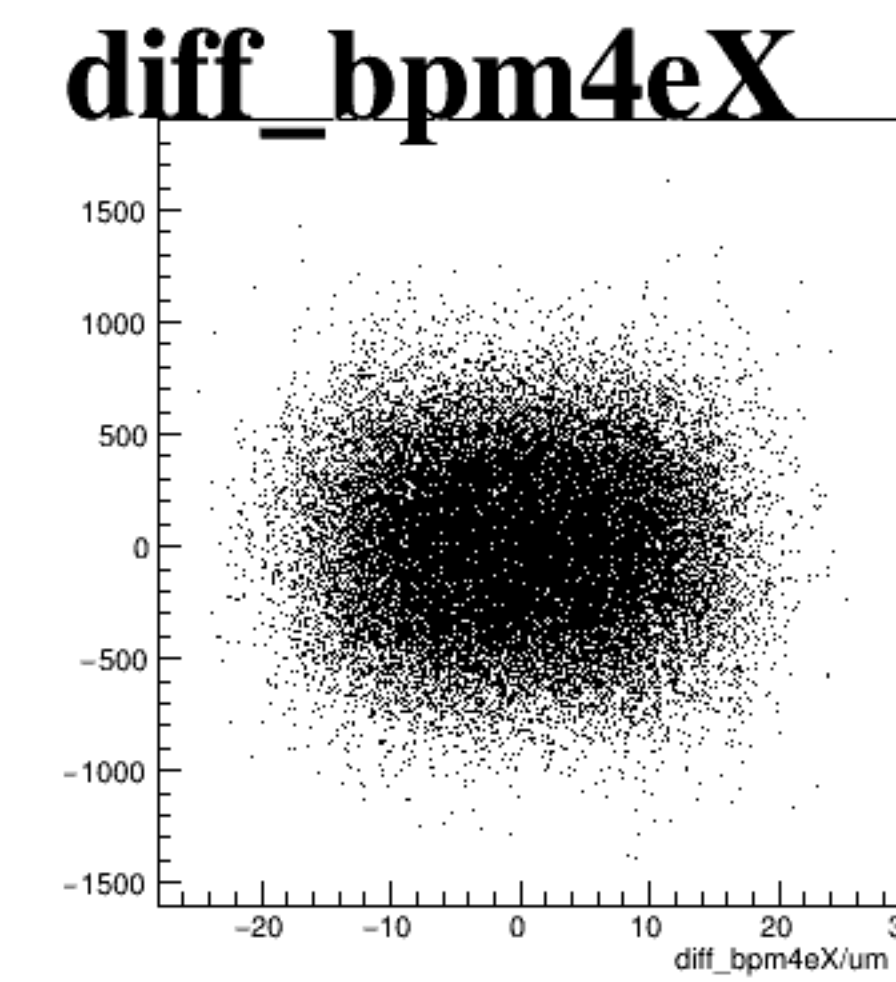
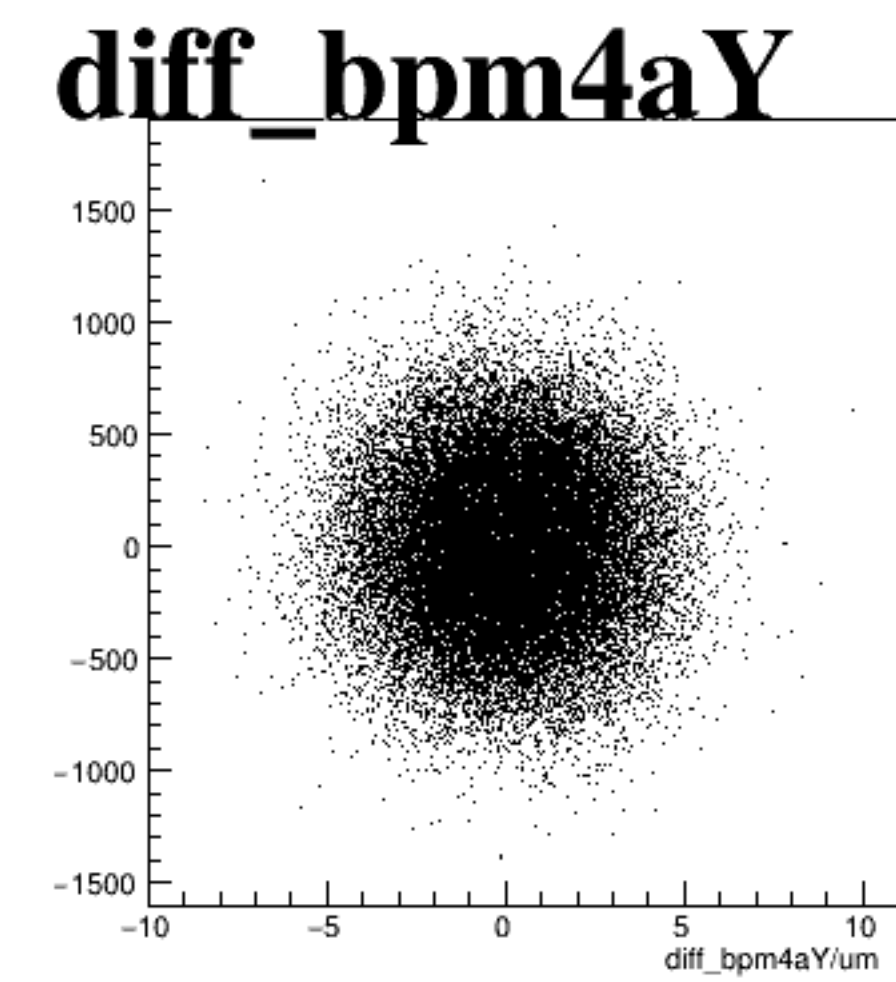
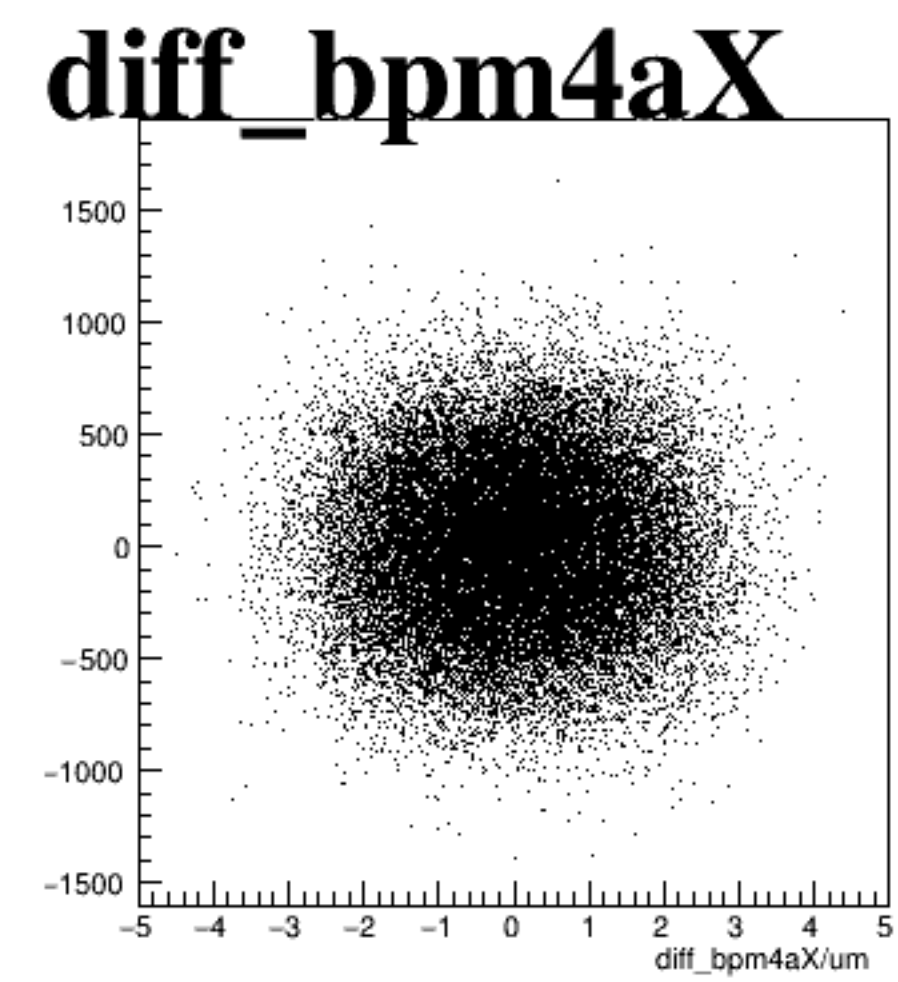
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

