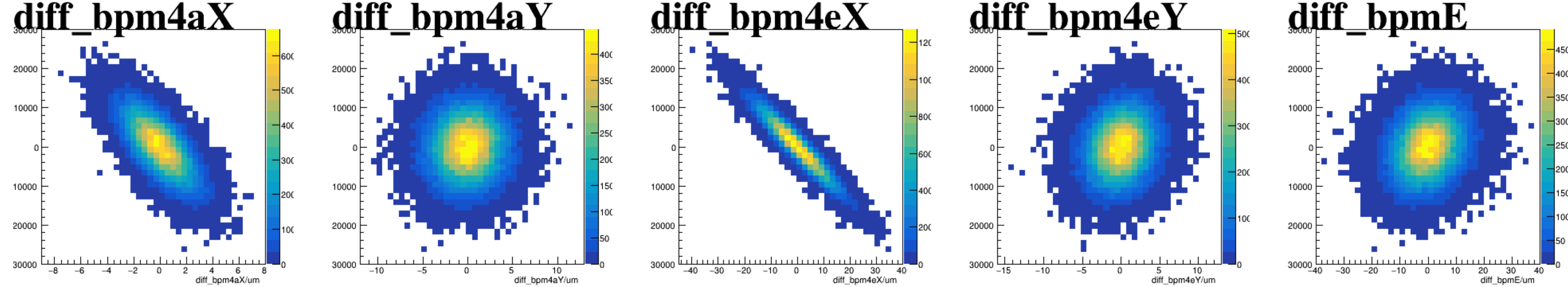
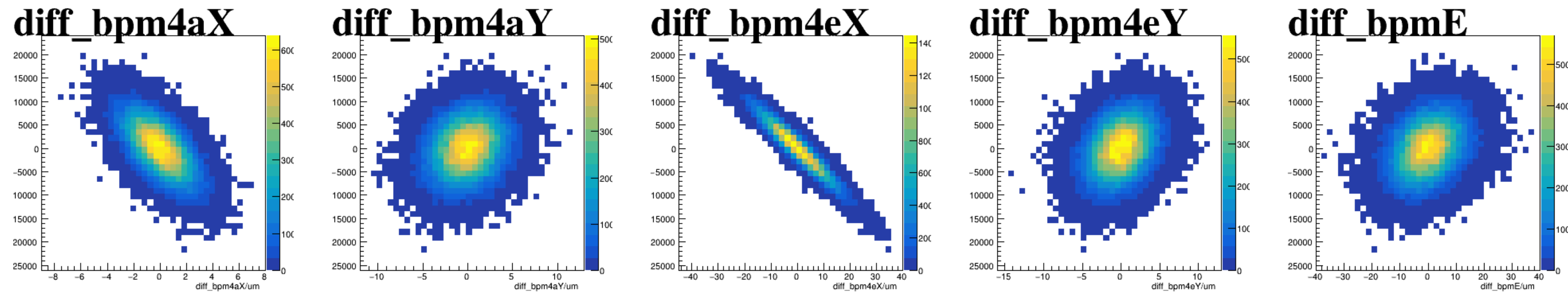


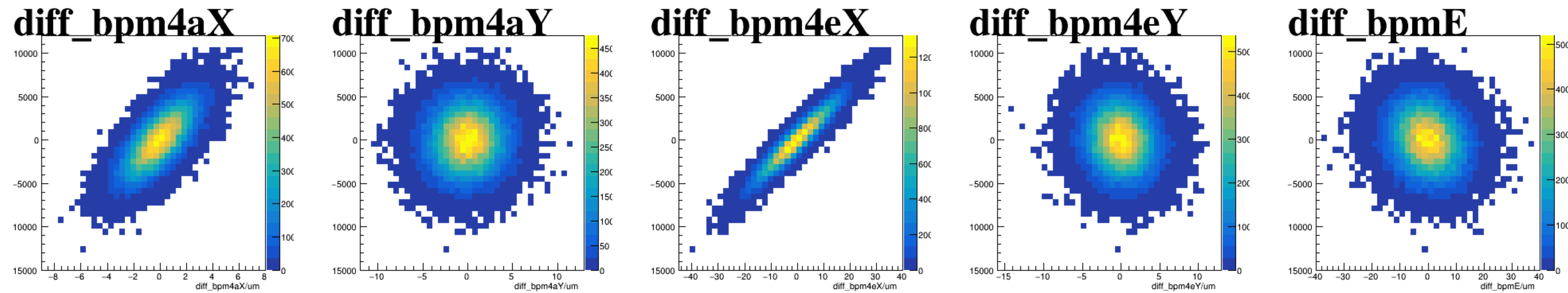
asym_sam2



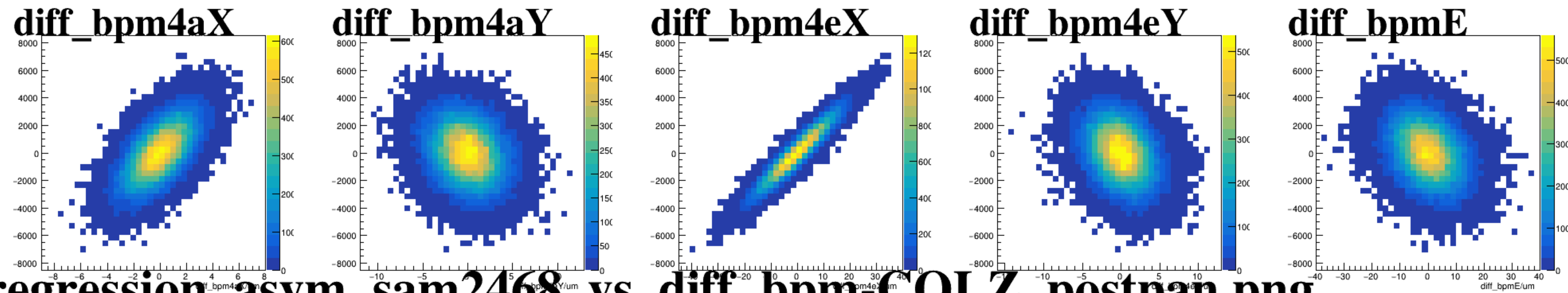
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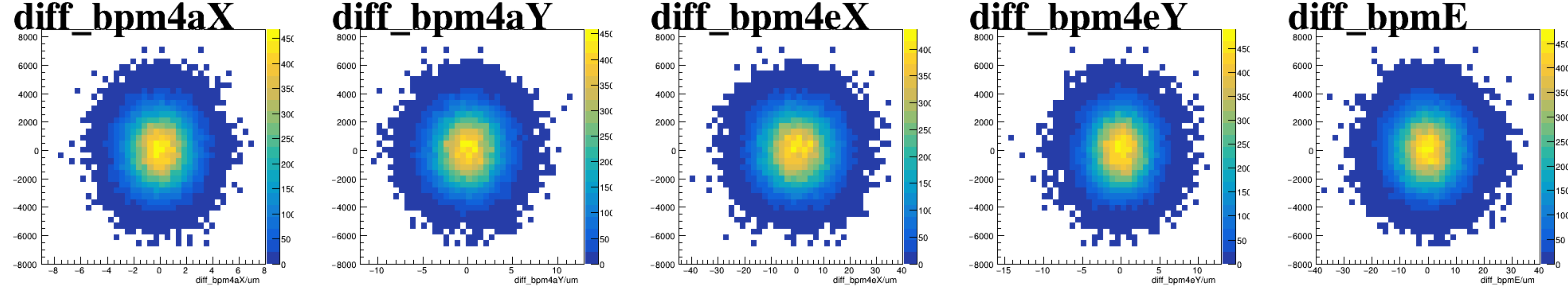
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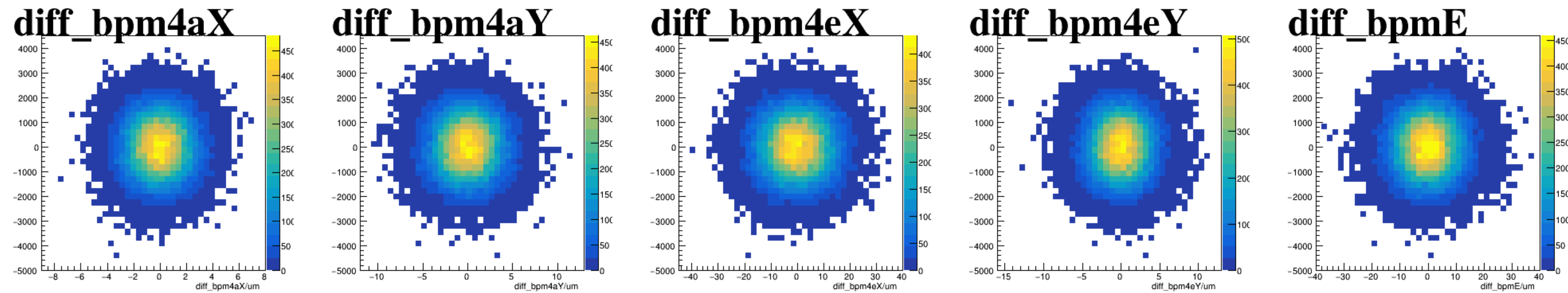
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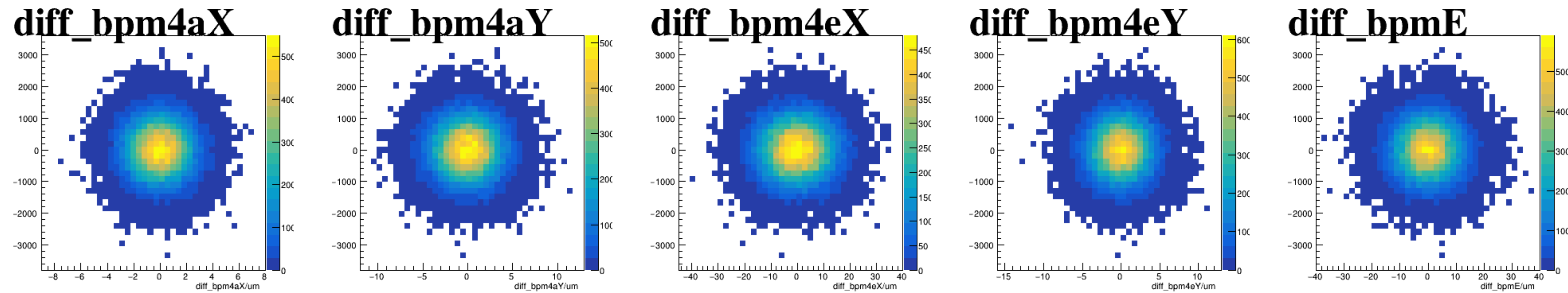
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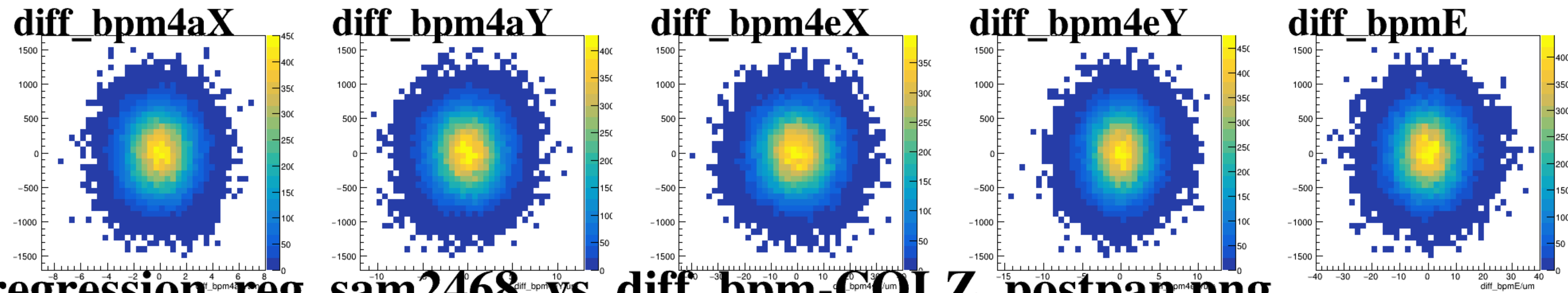
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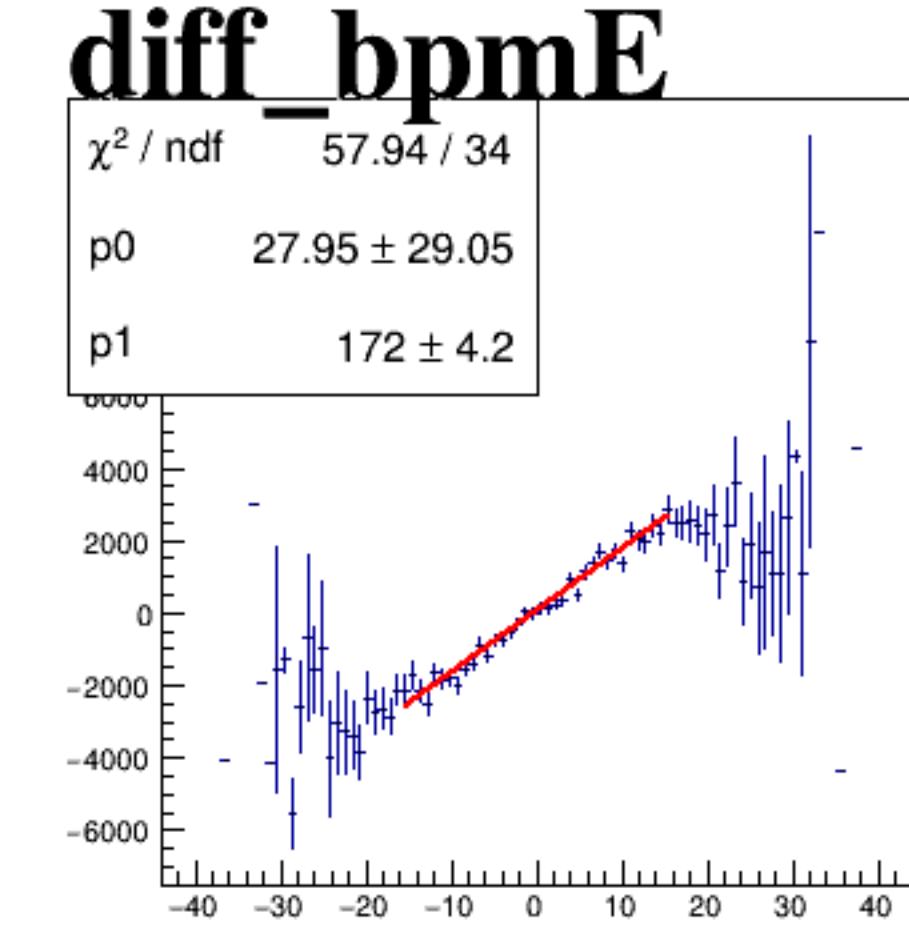
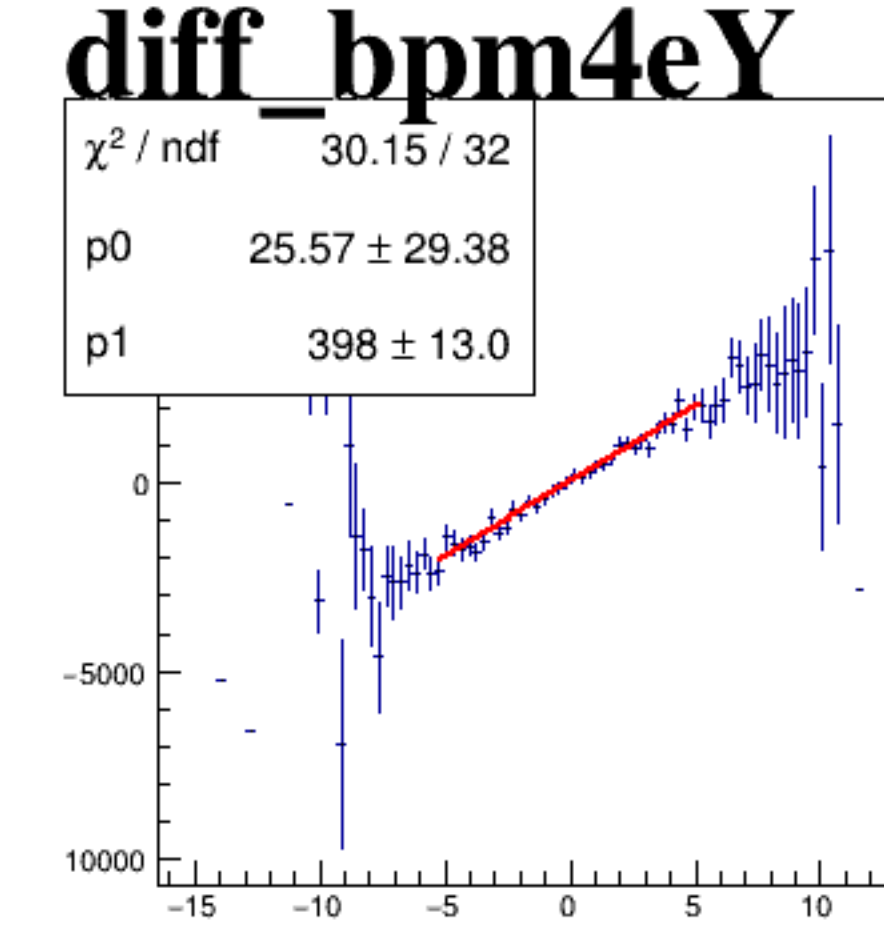
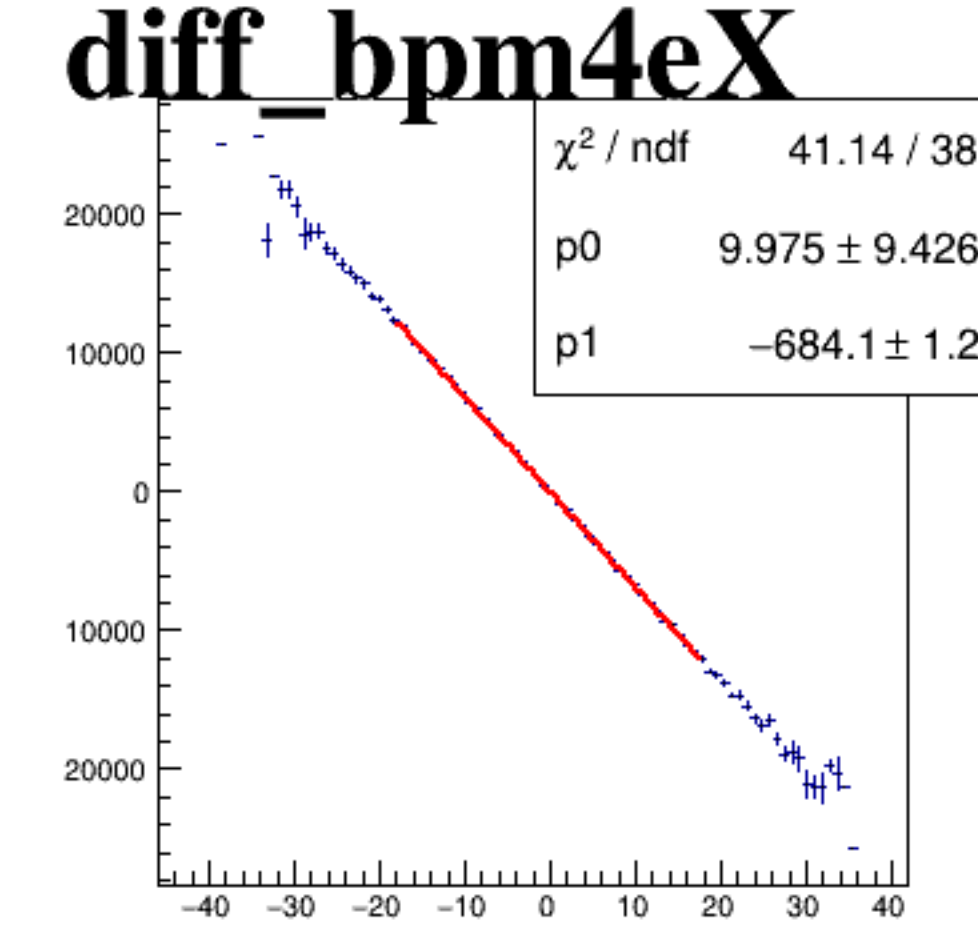
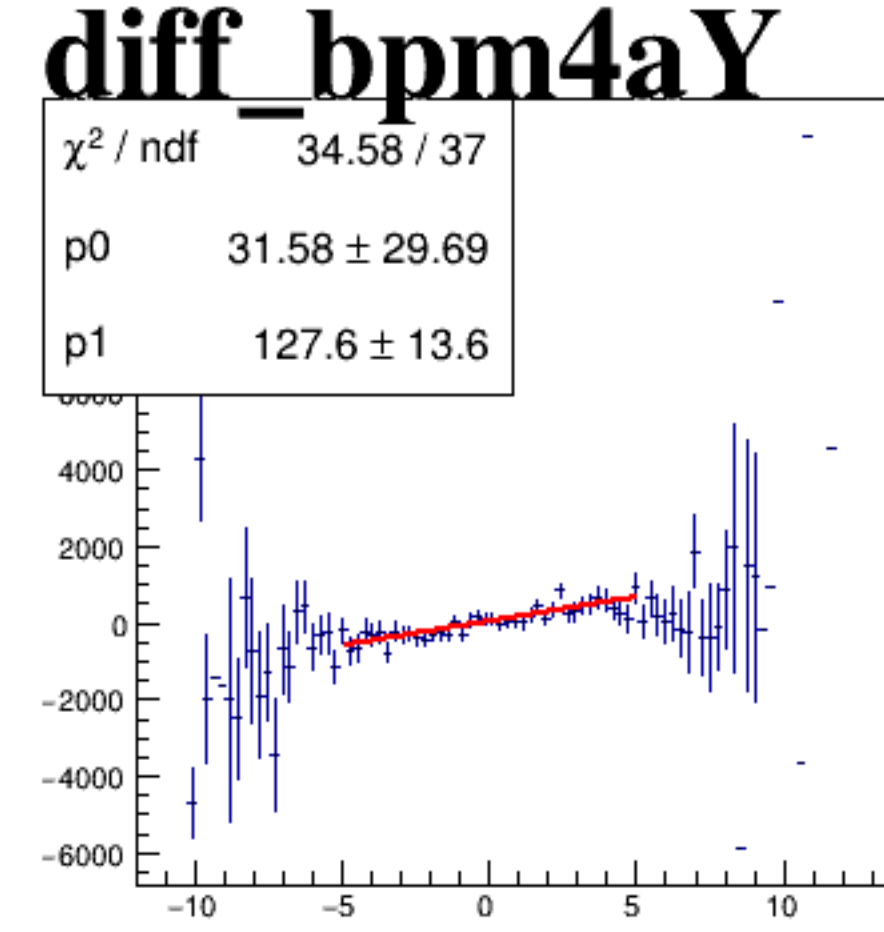
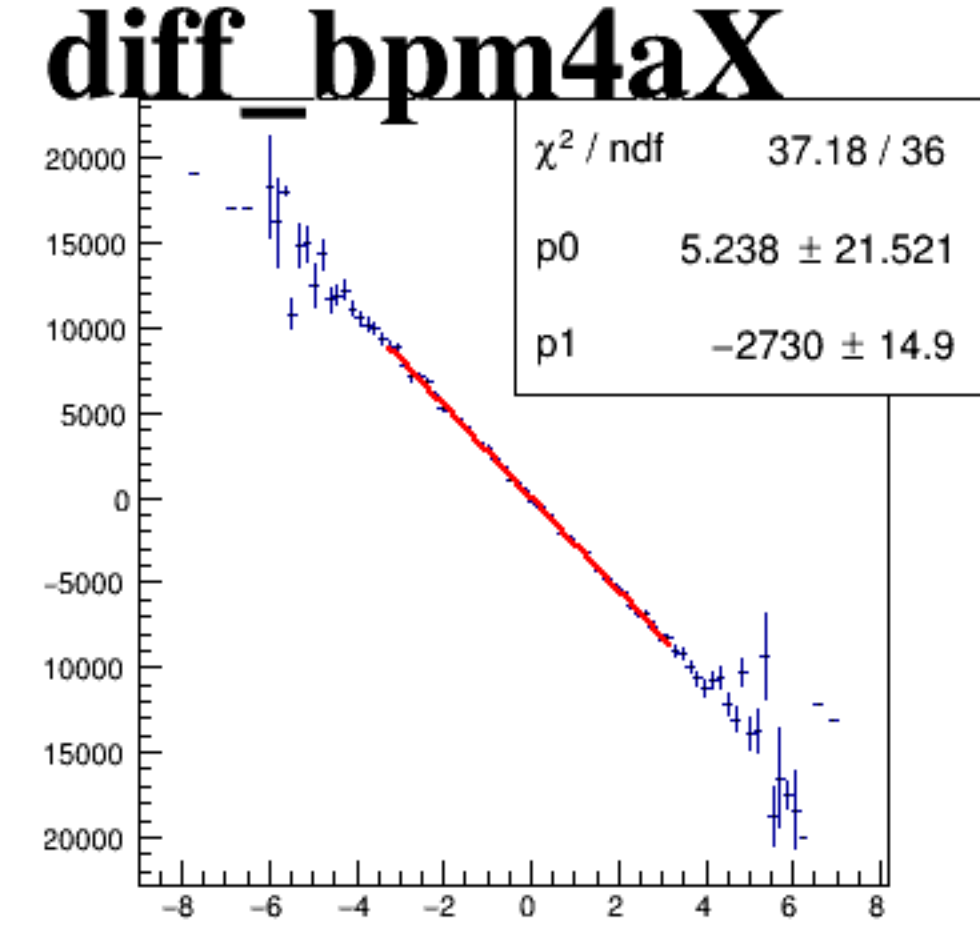
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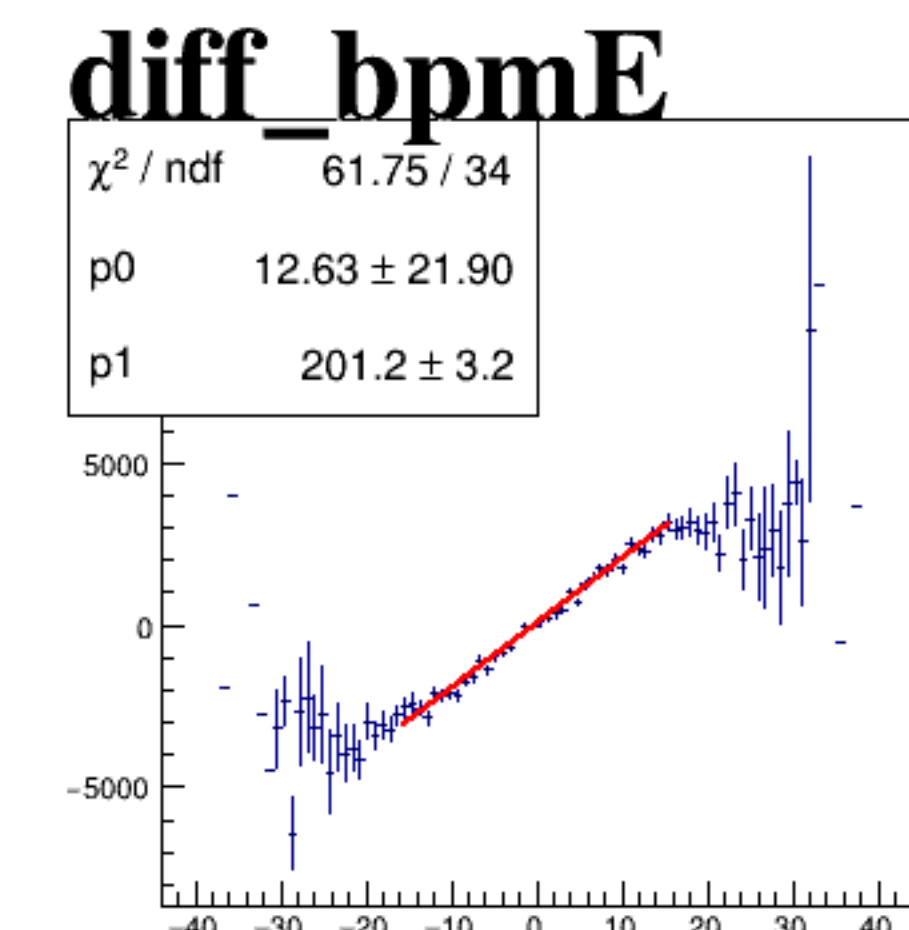
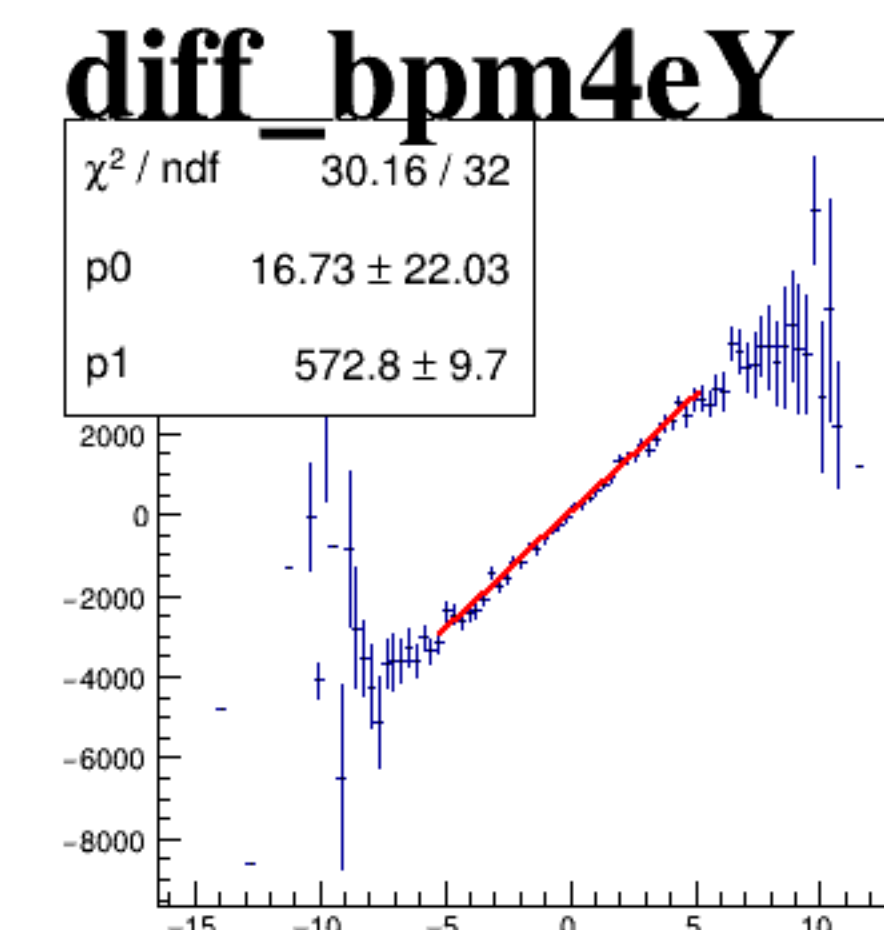
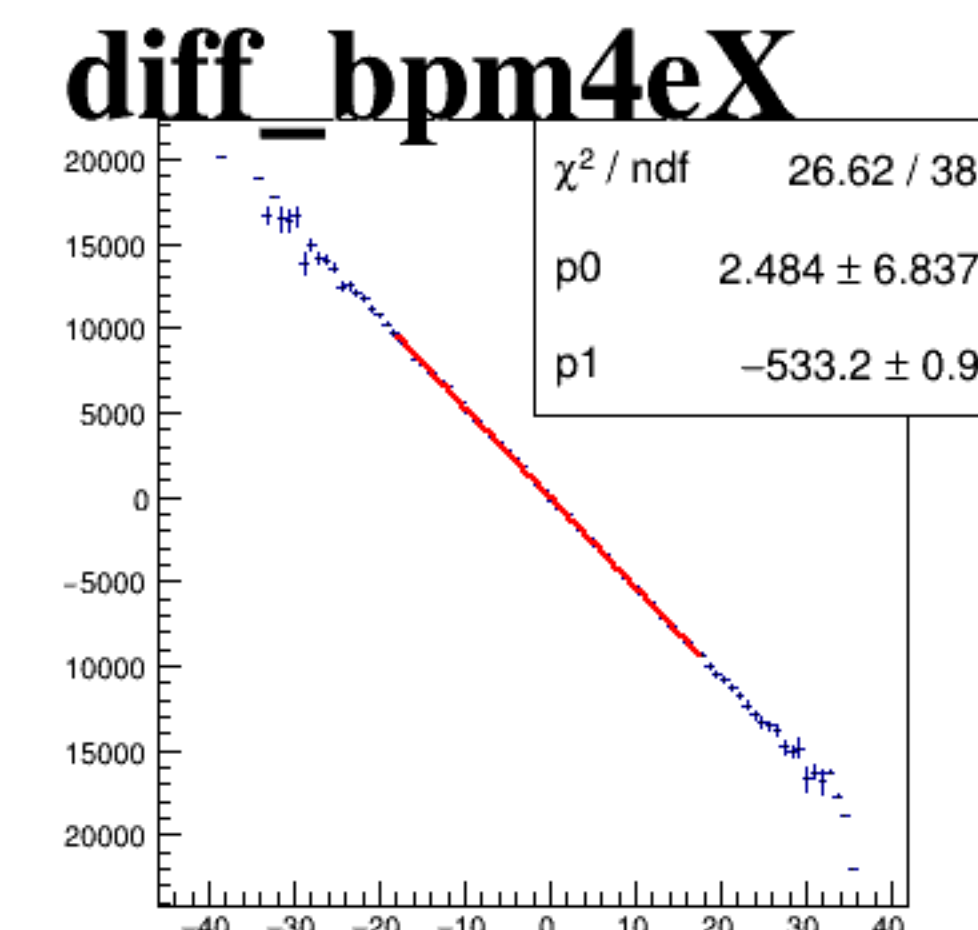
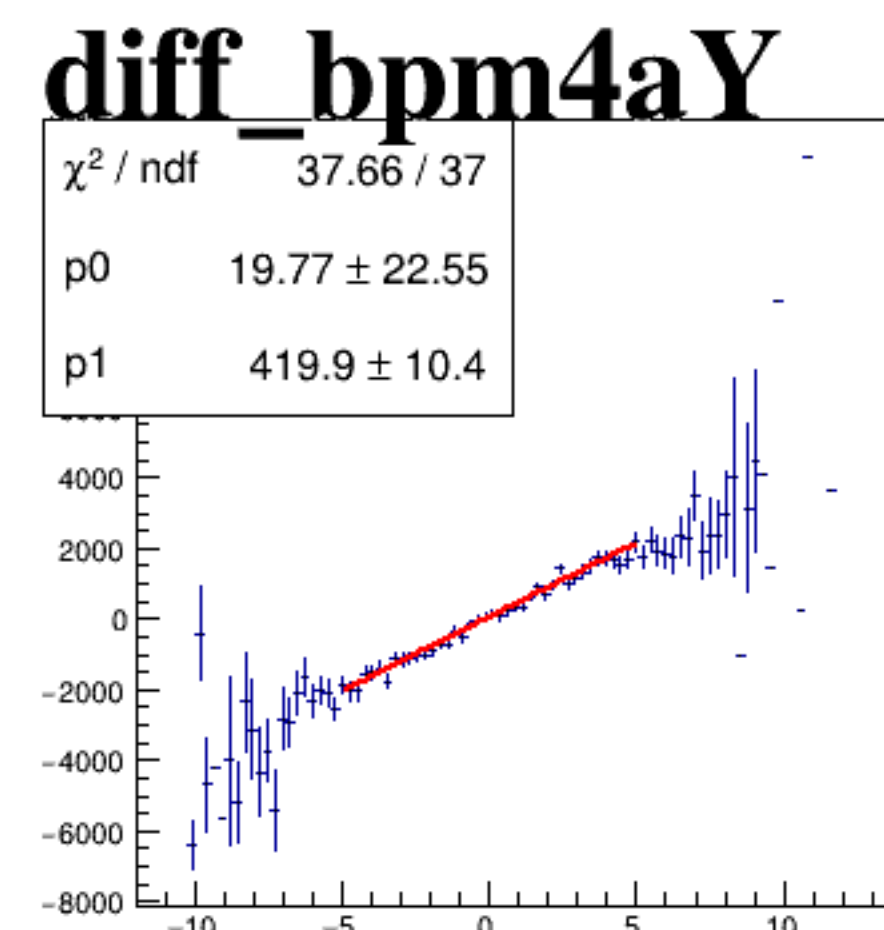
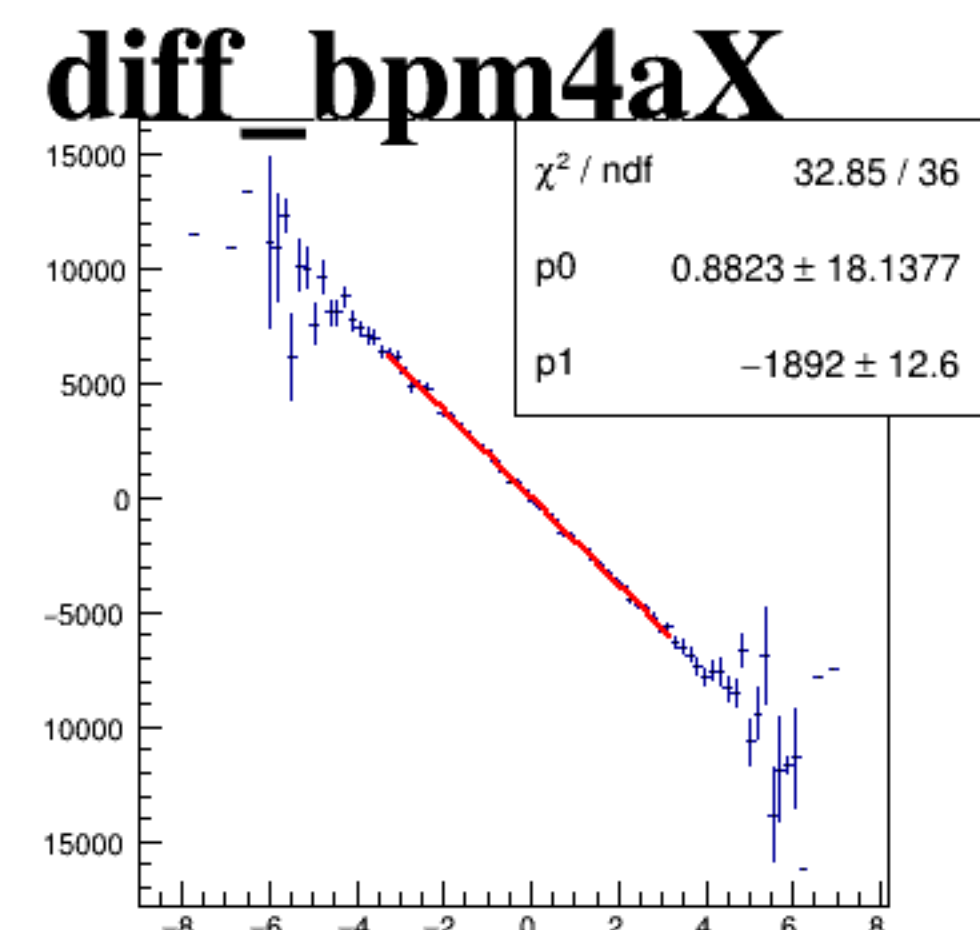
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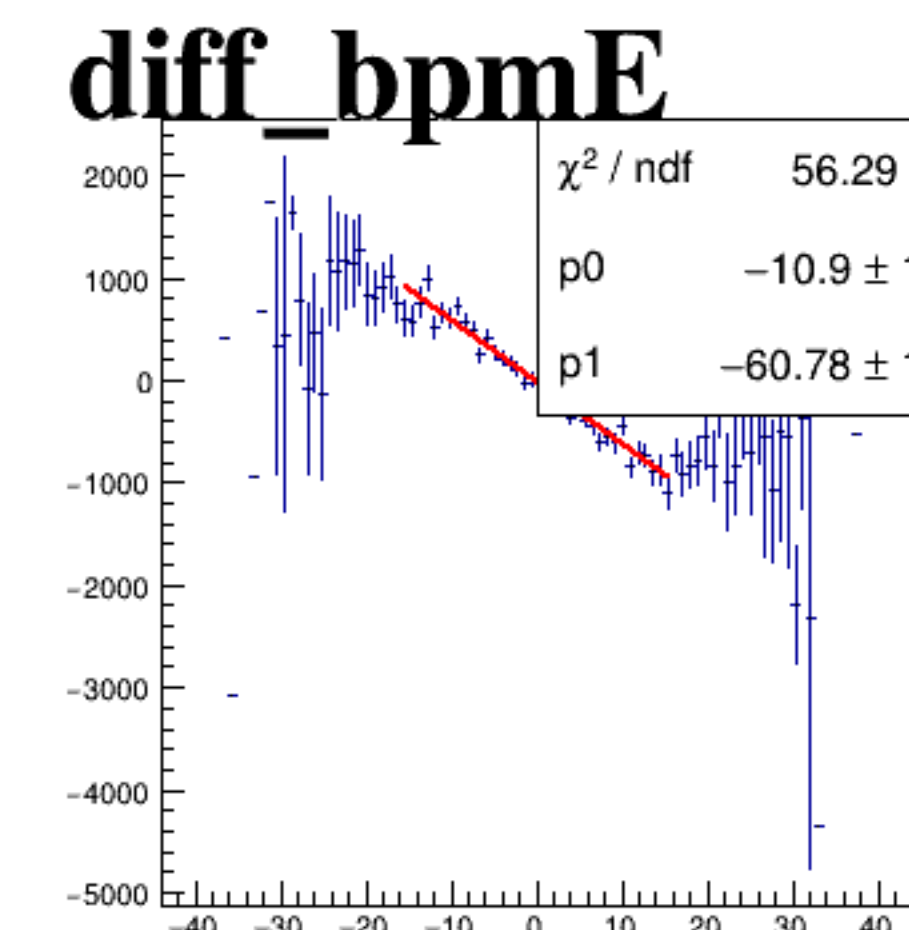
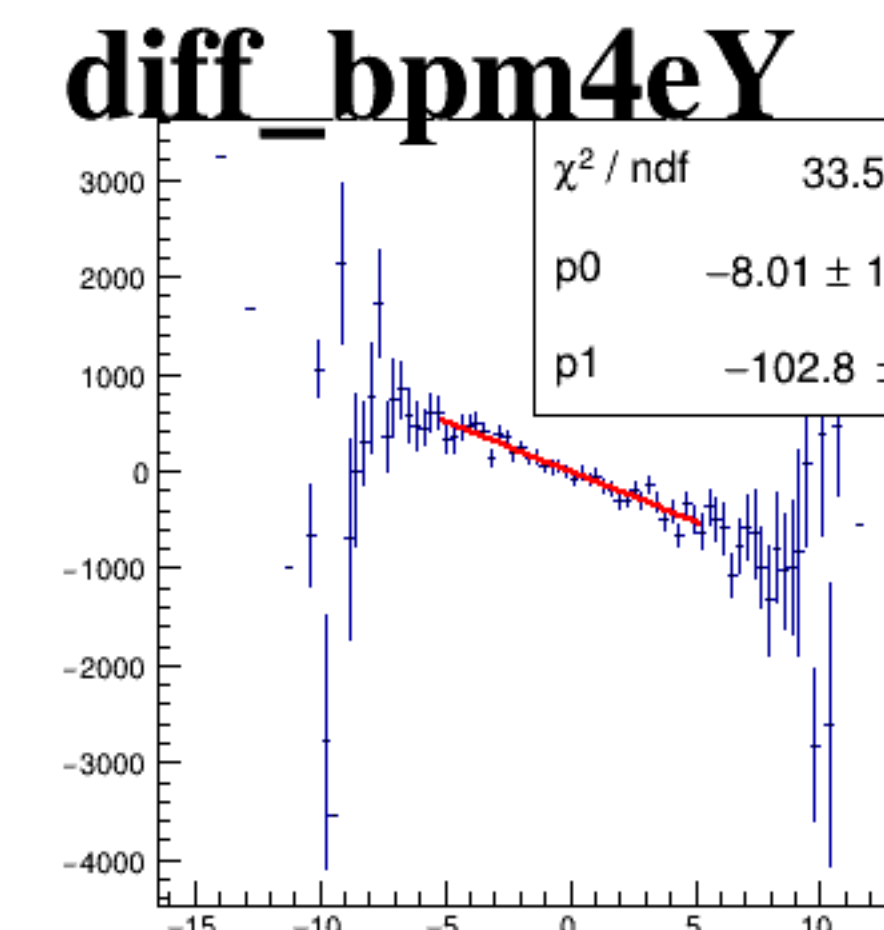
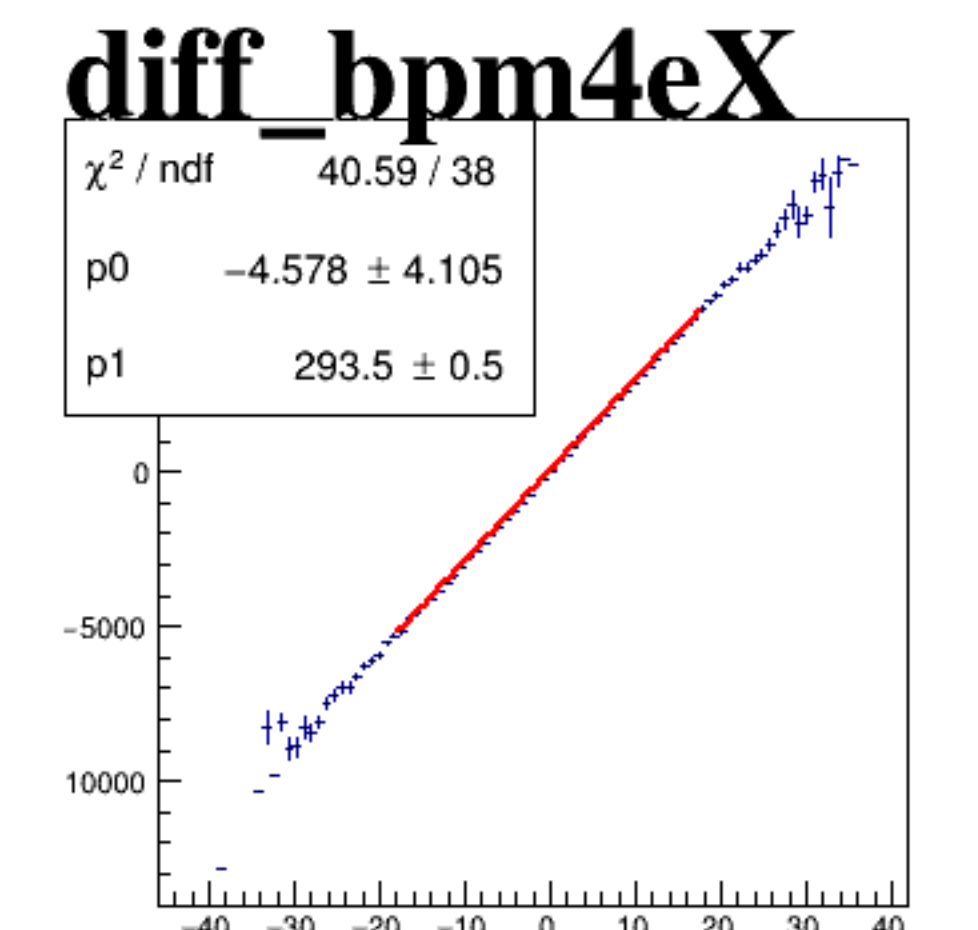
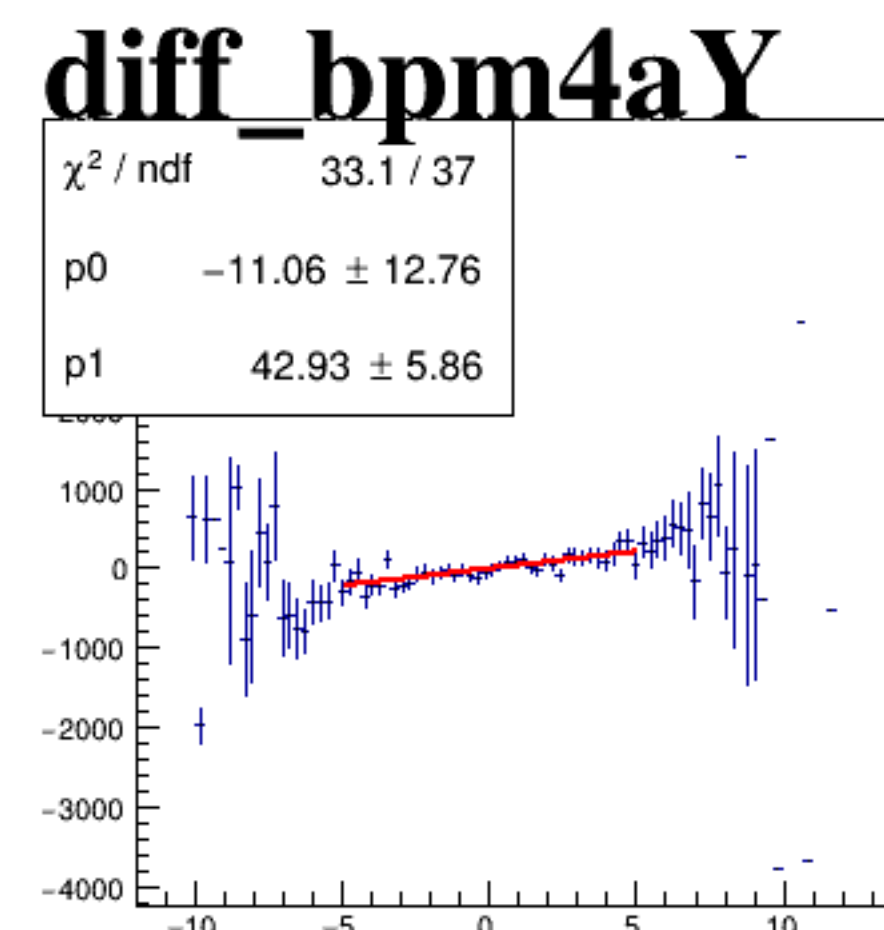
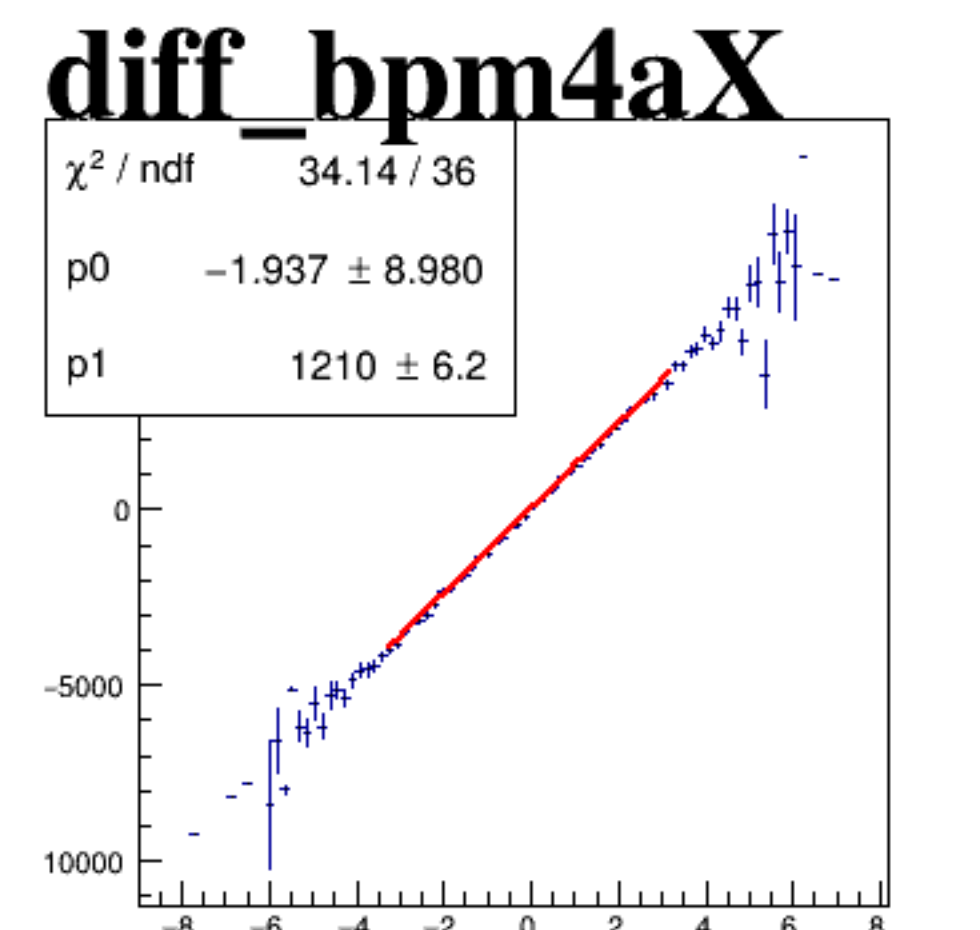
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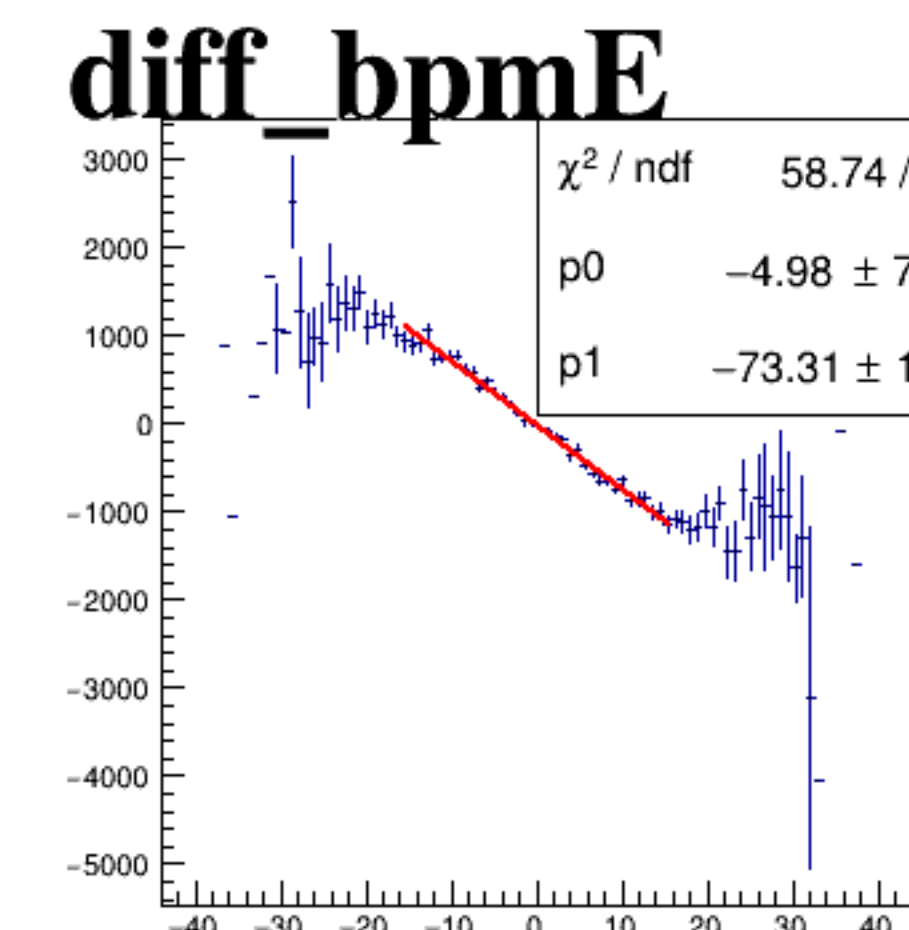
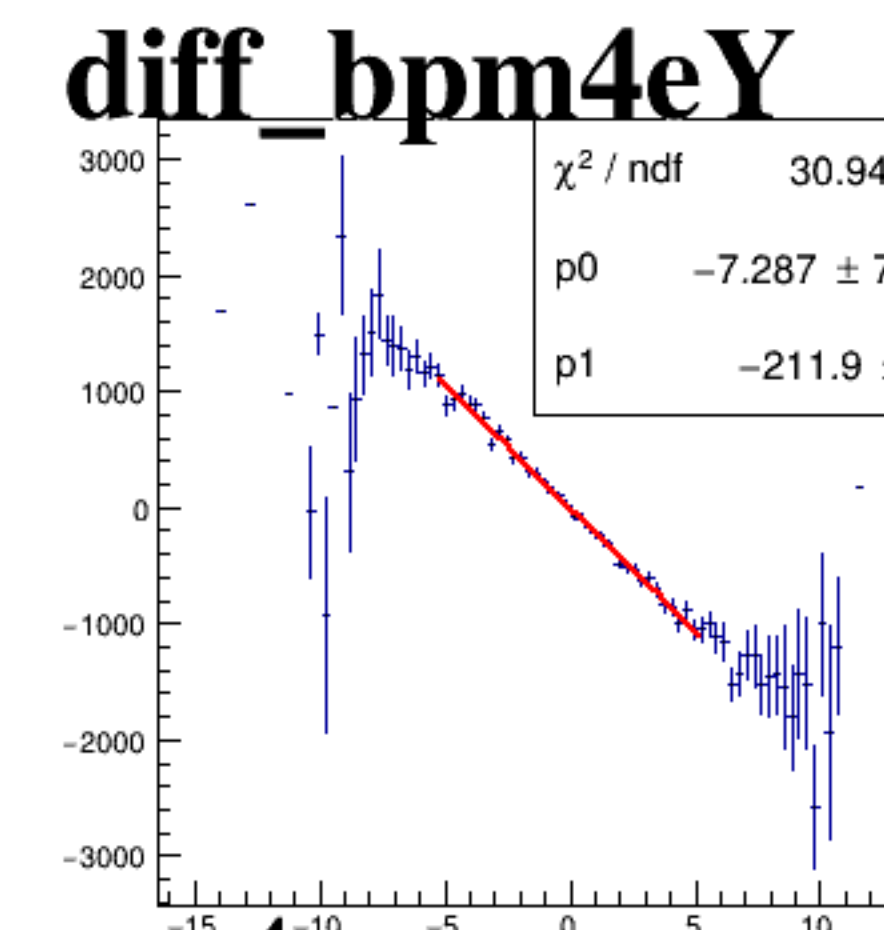
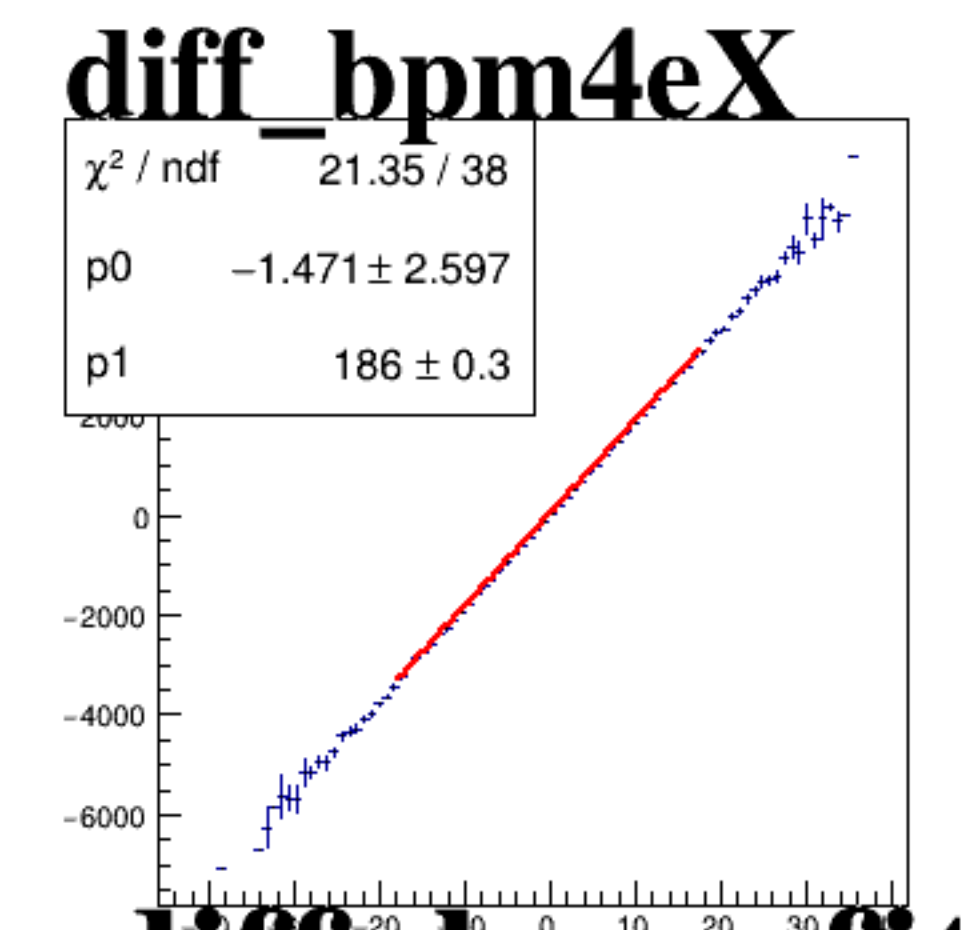
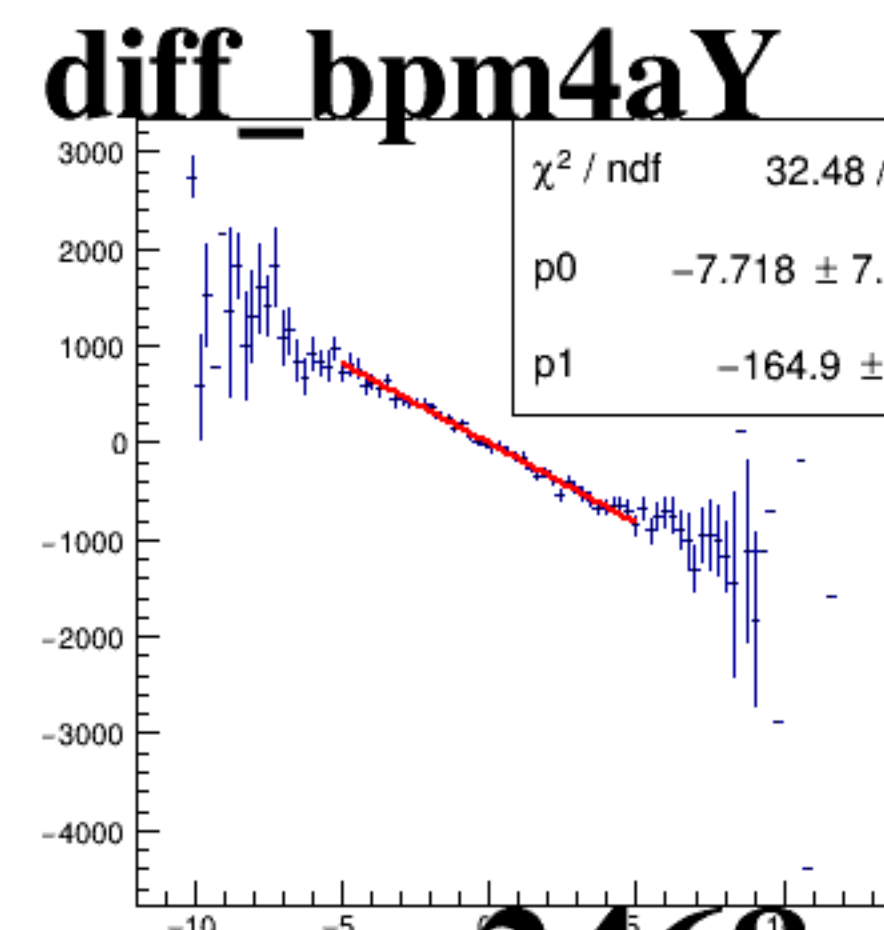
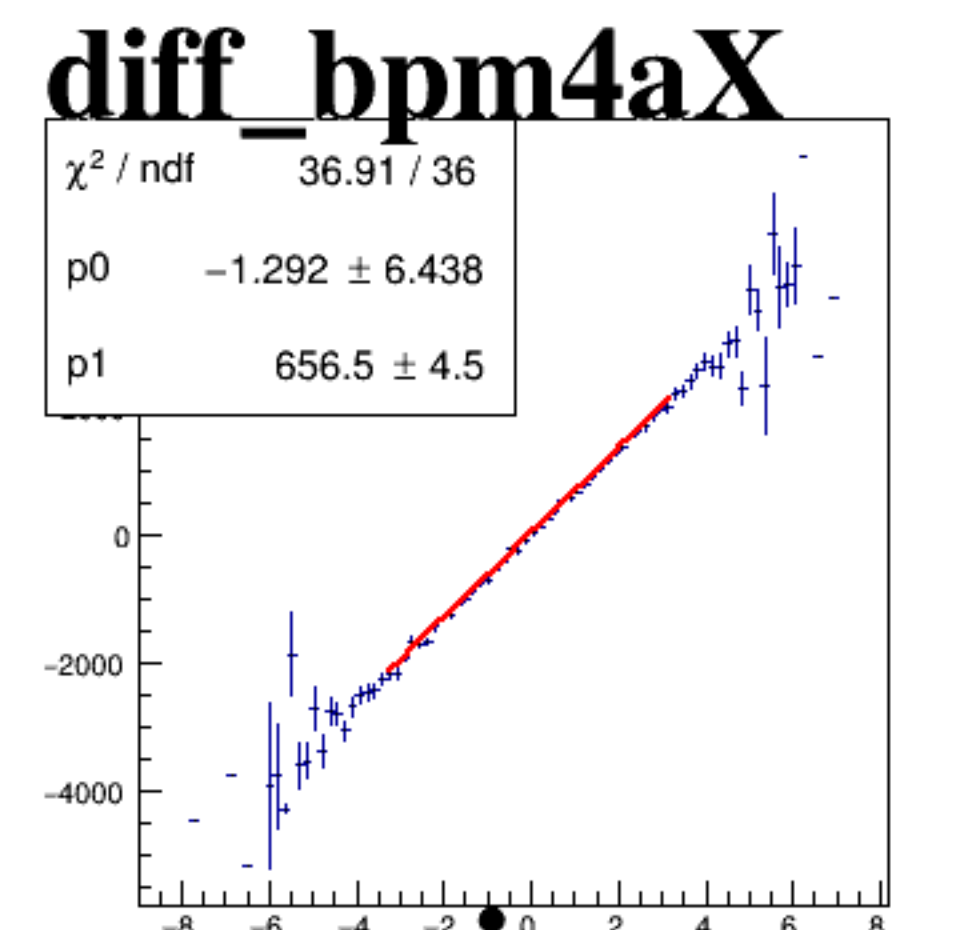
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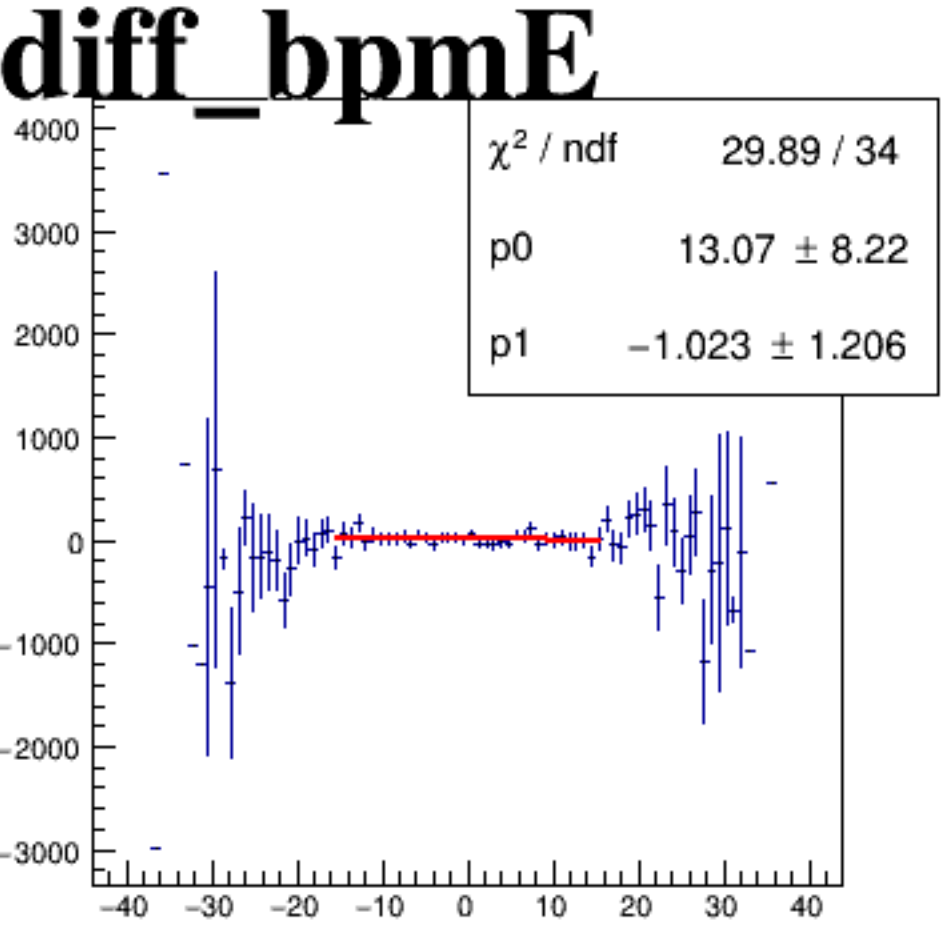
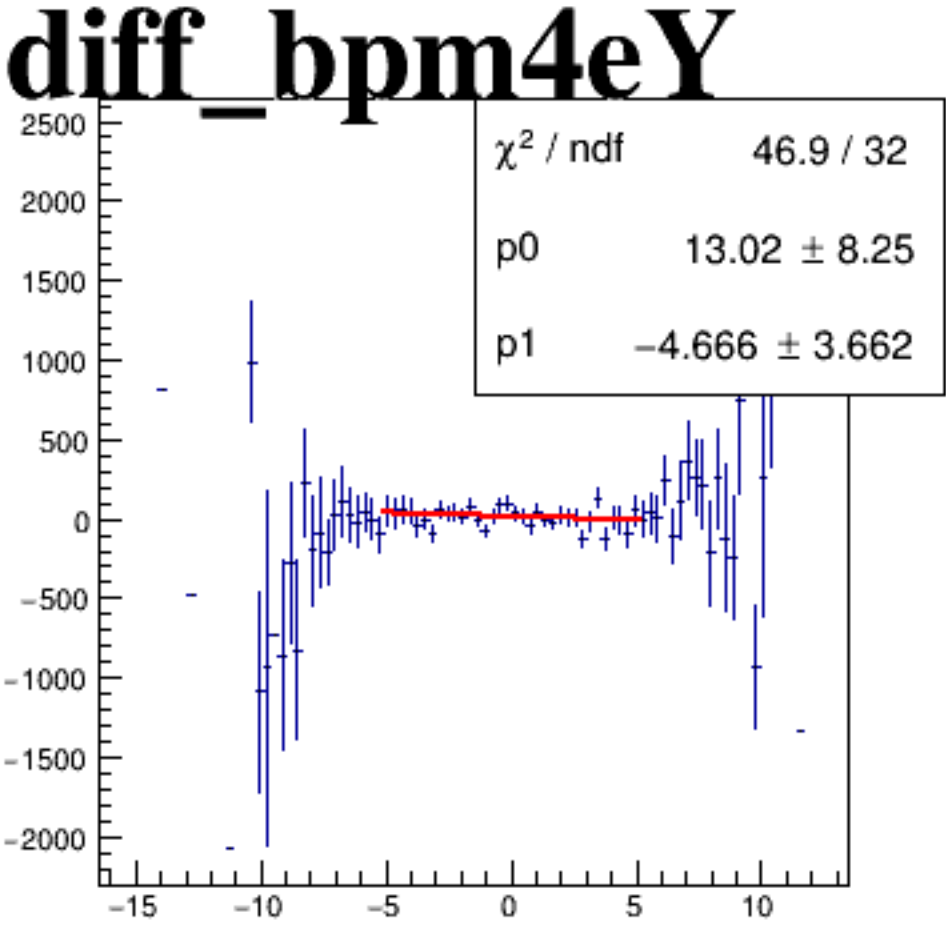
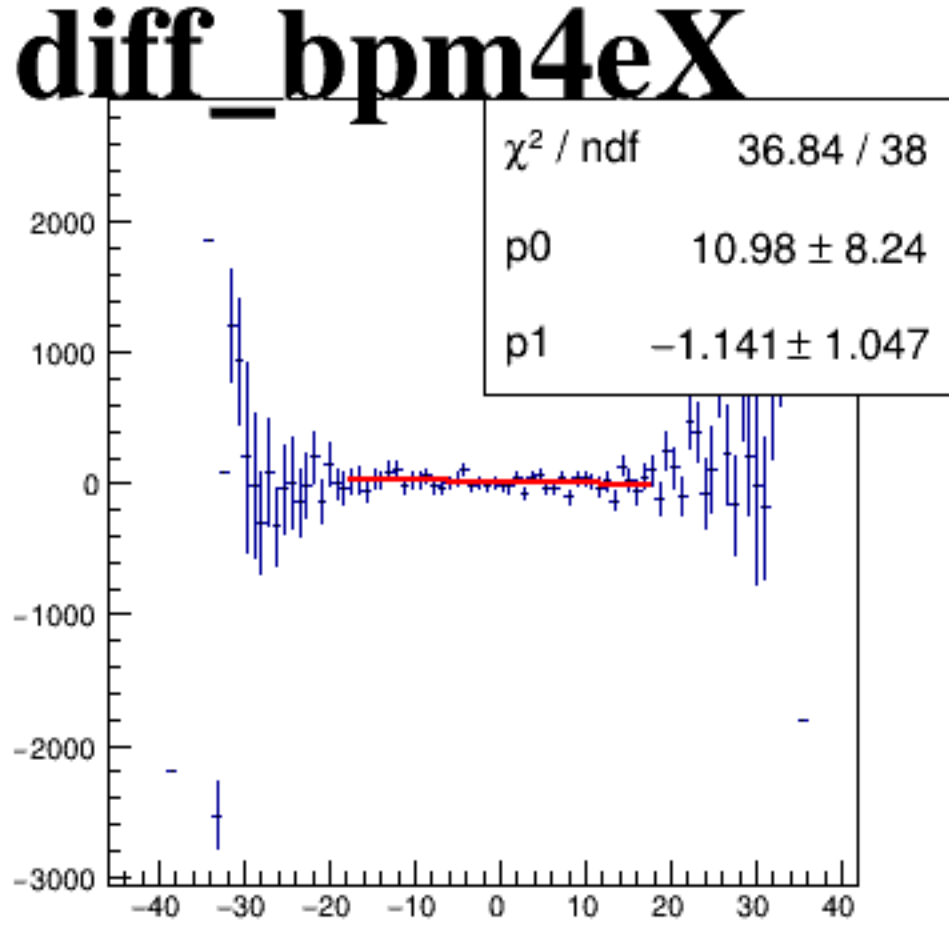
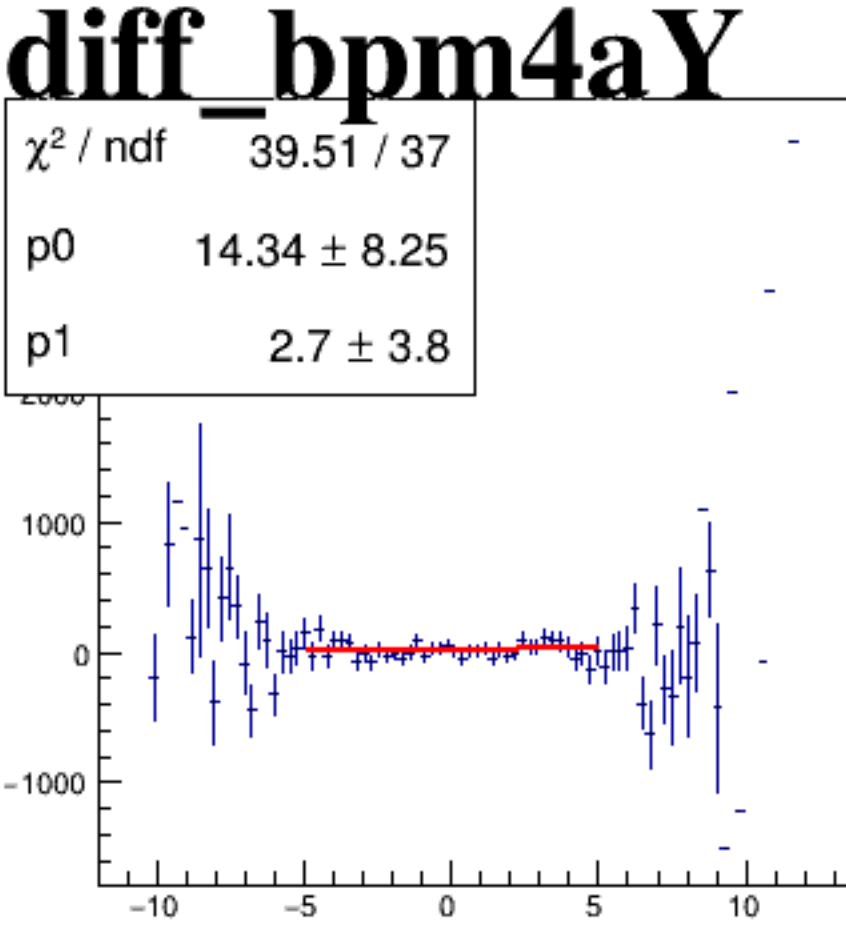
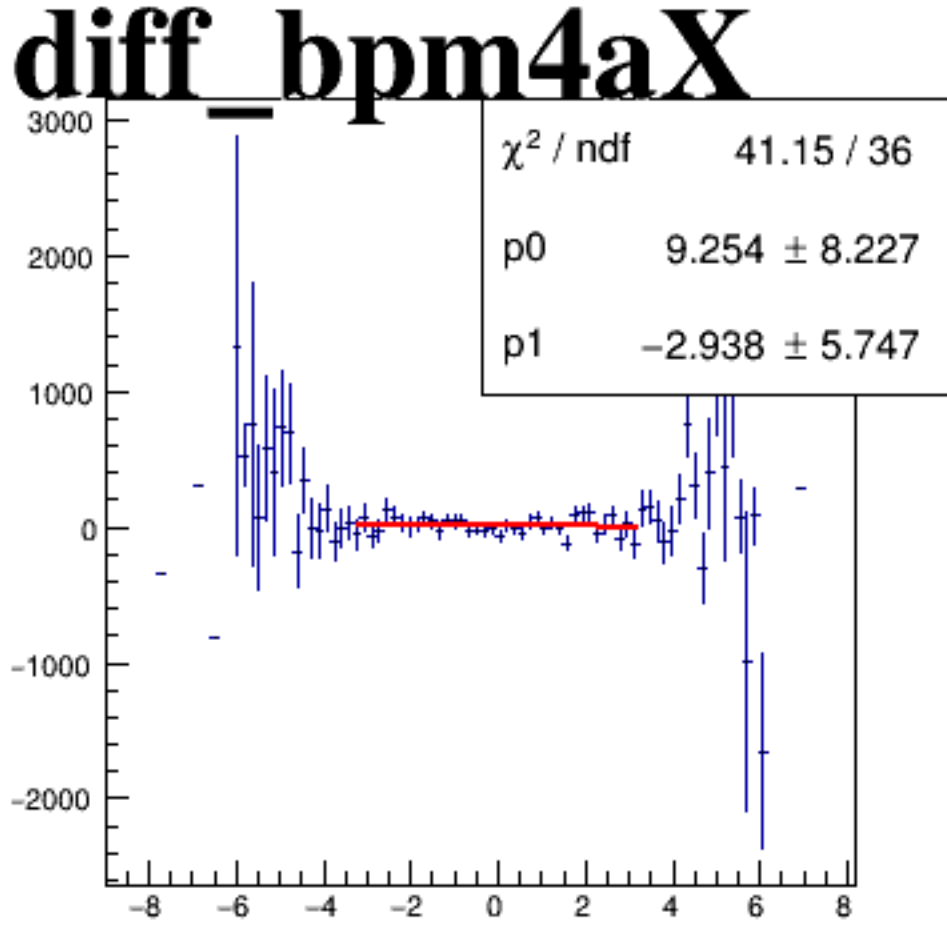
asym_sam6



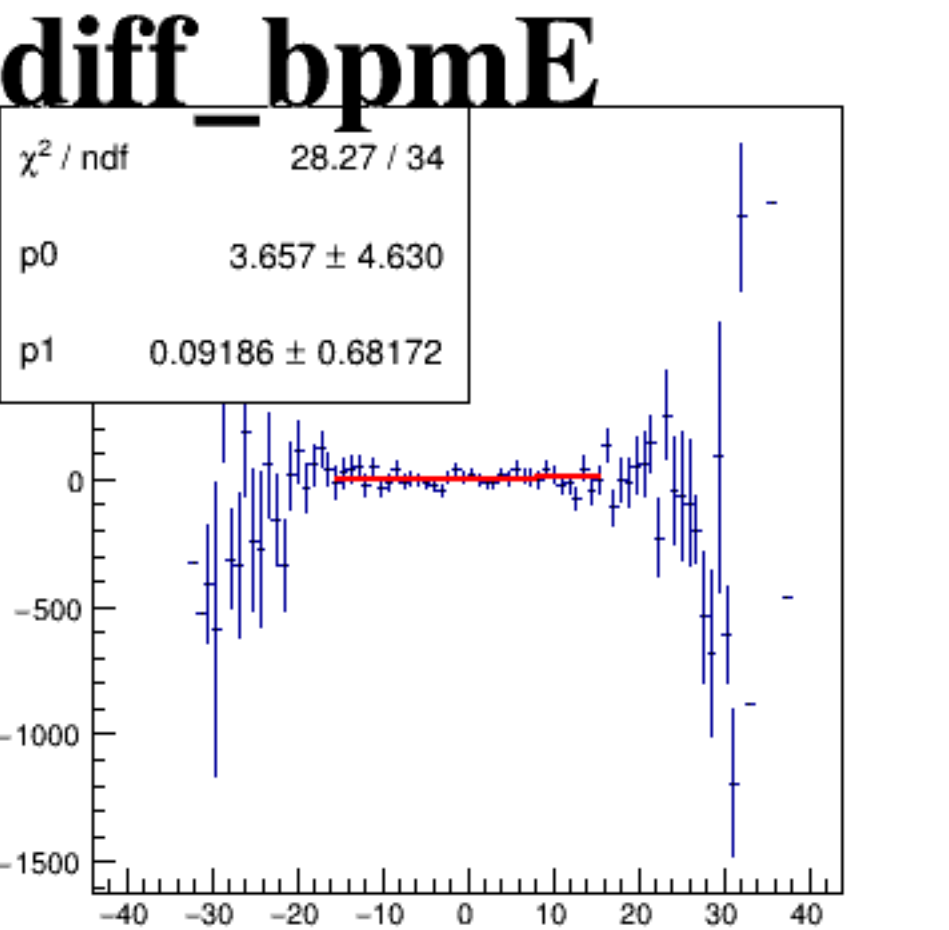
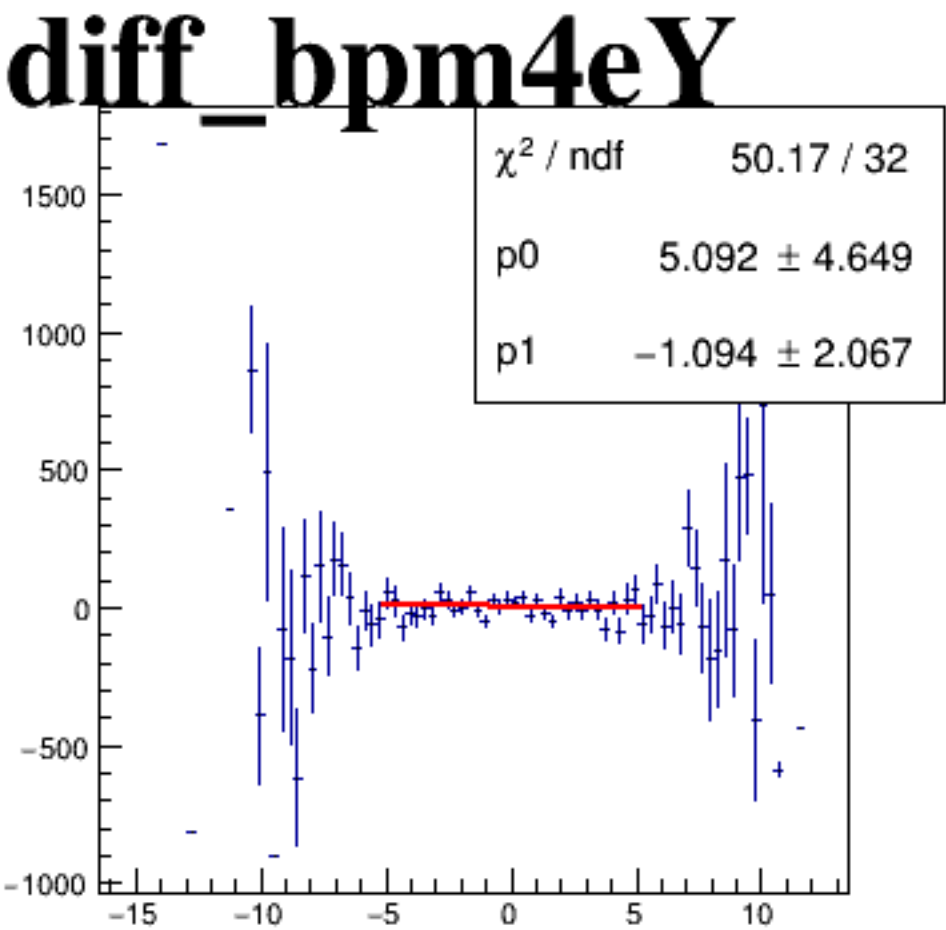
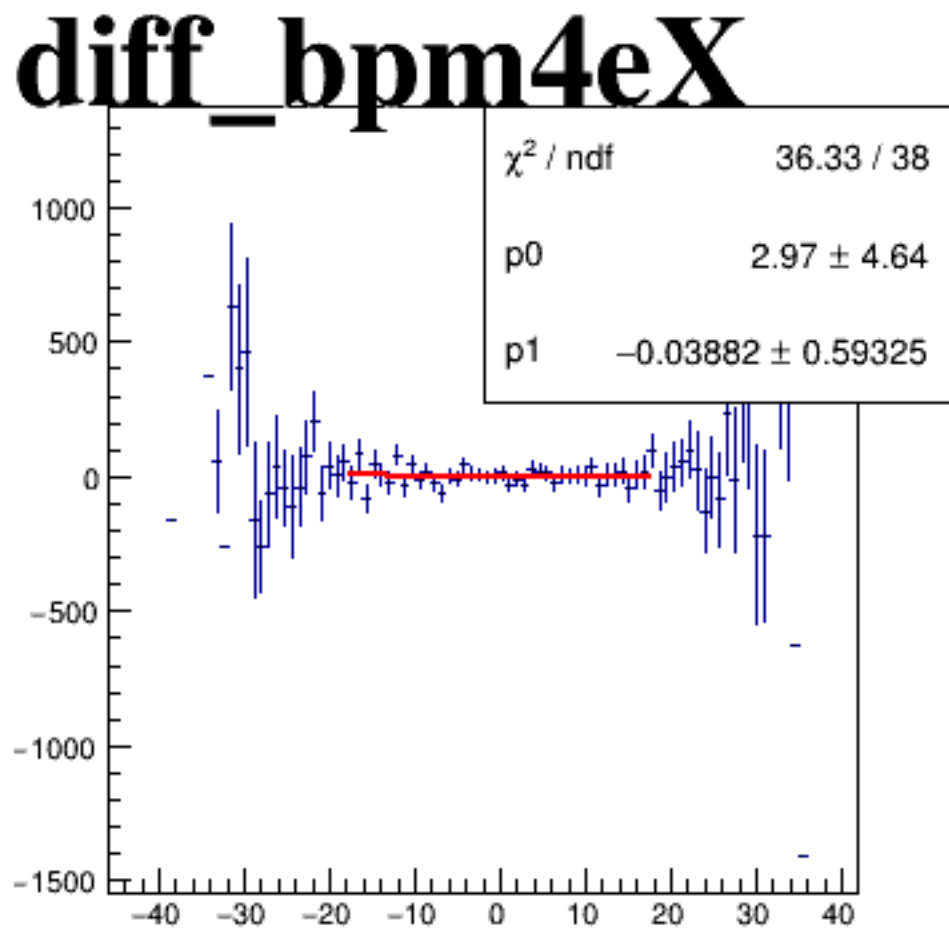
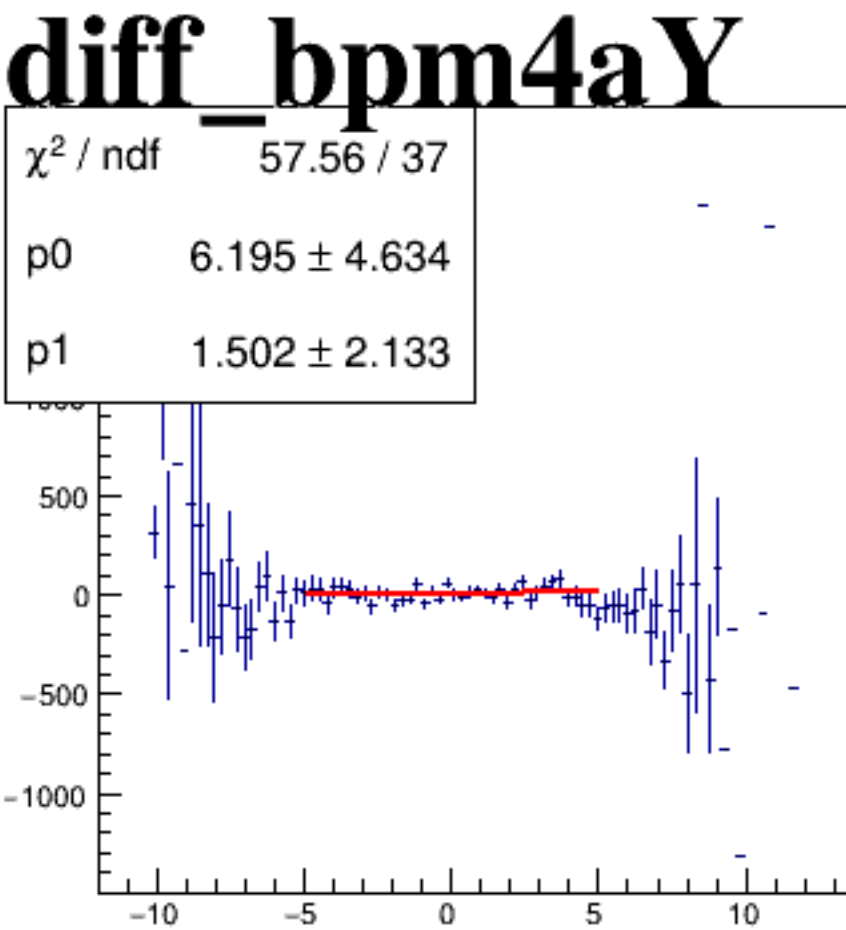
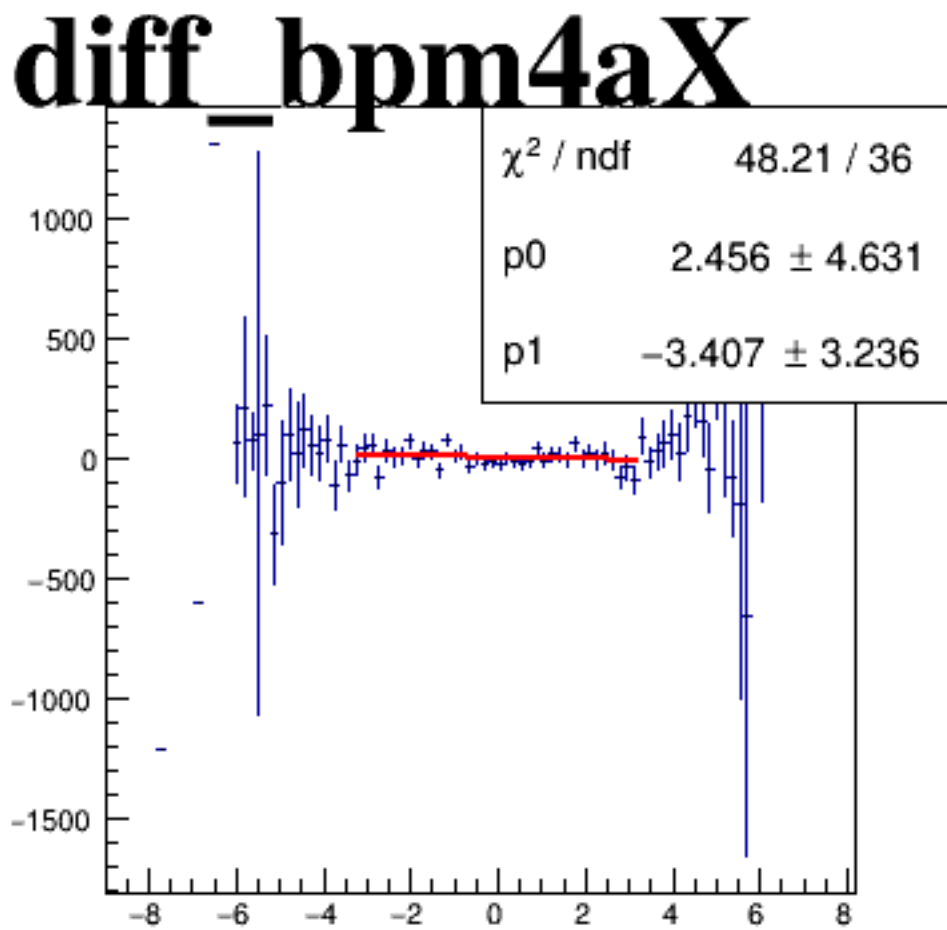
asym_sam8



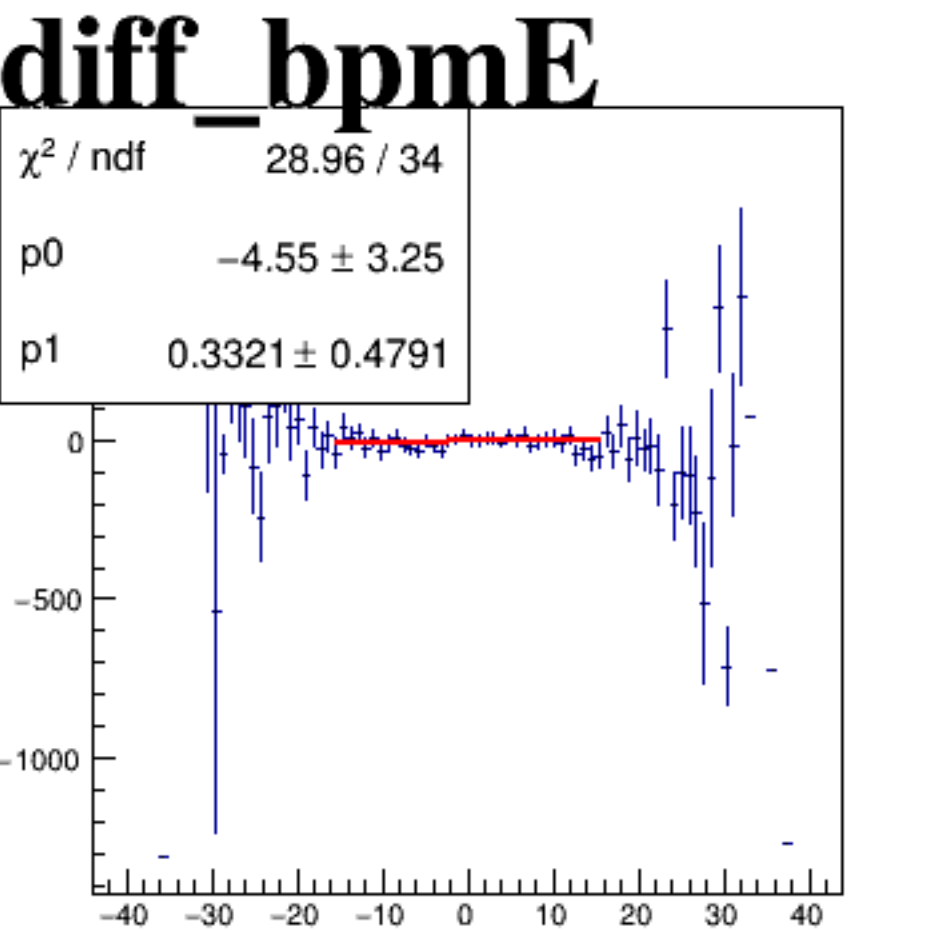
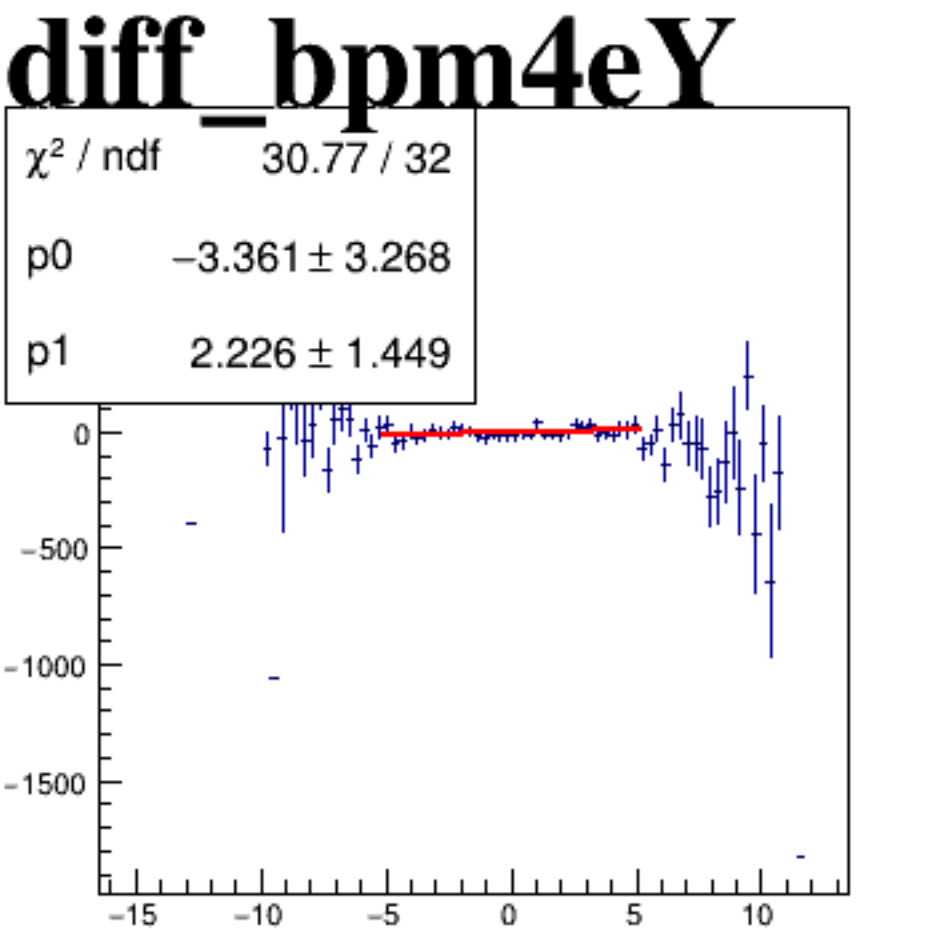
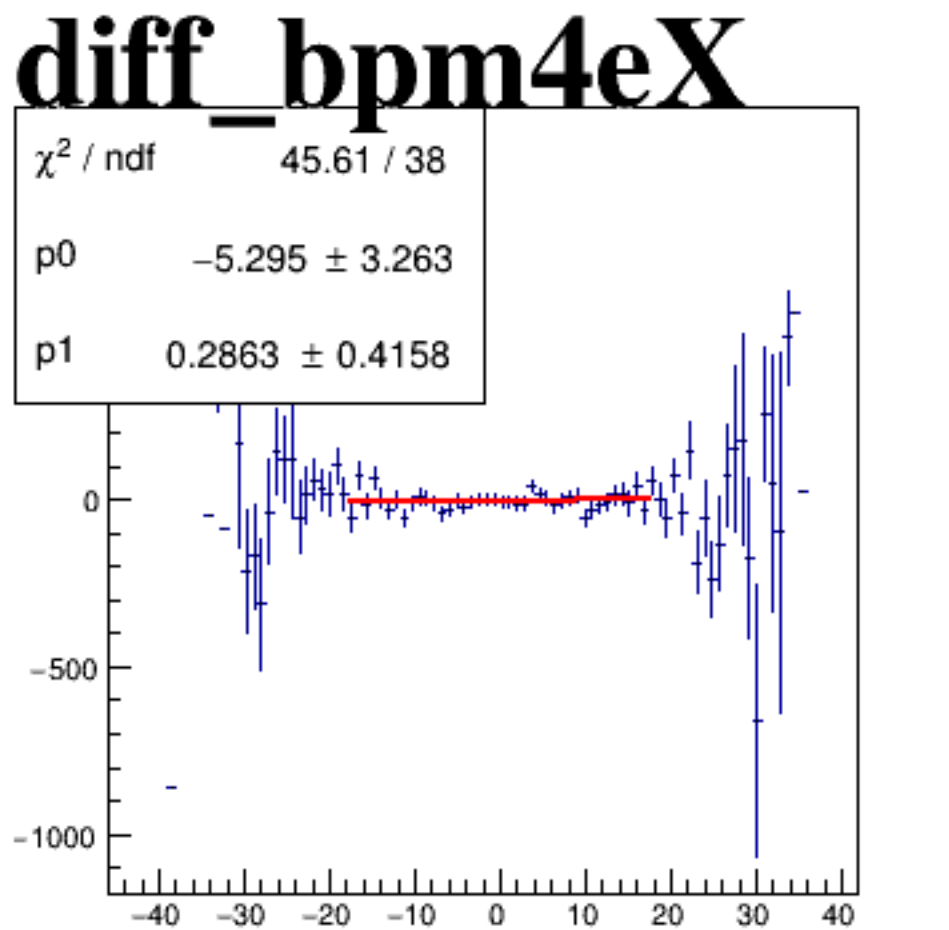
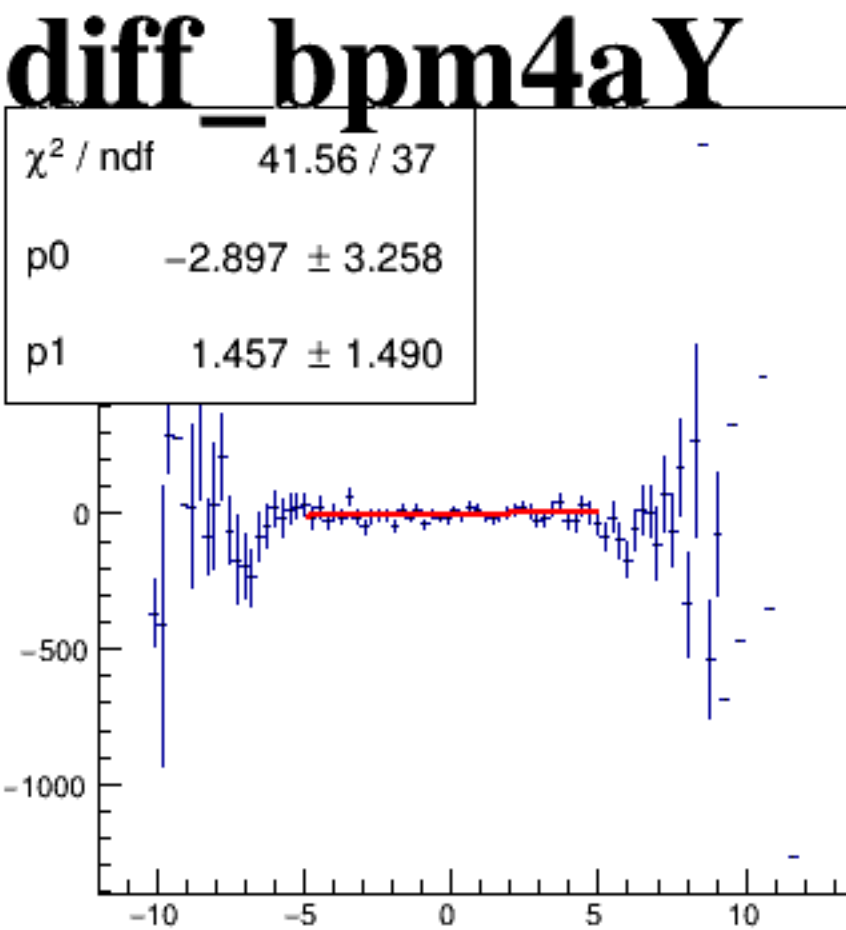
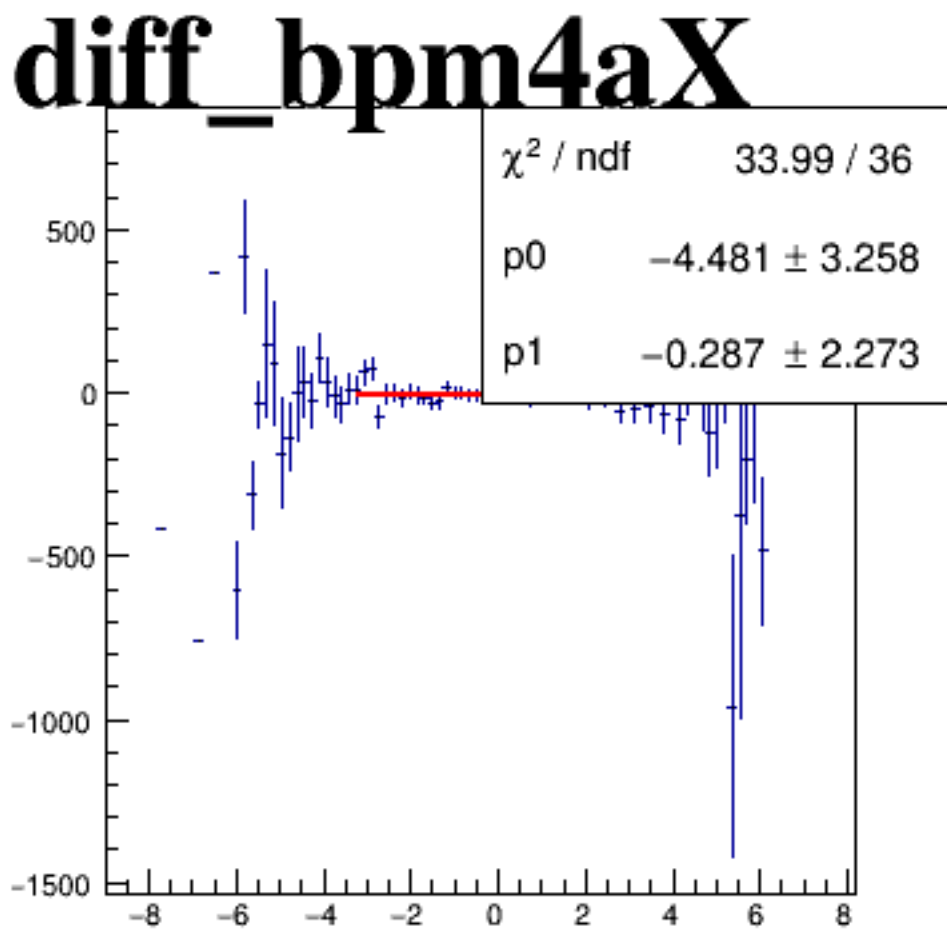
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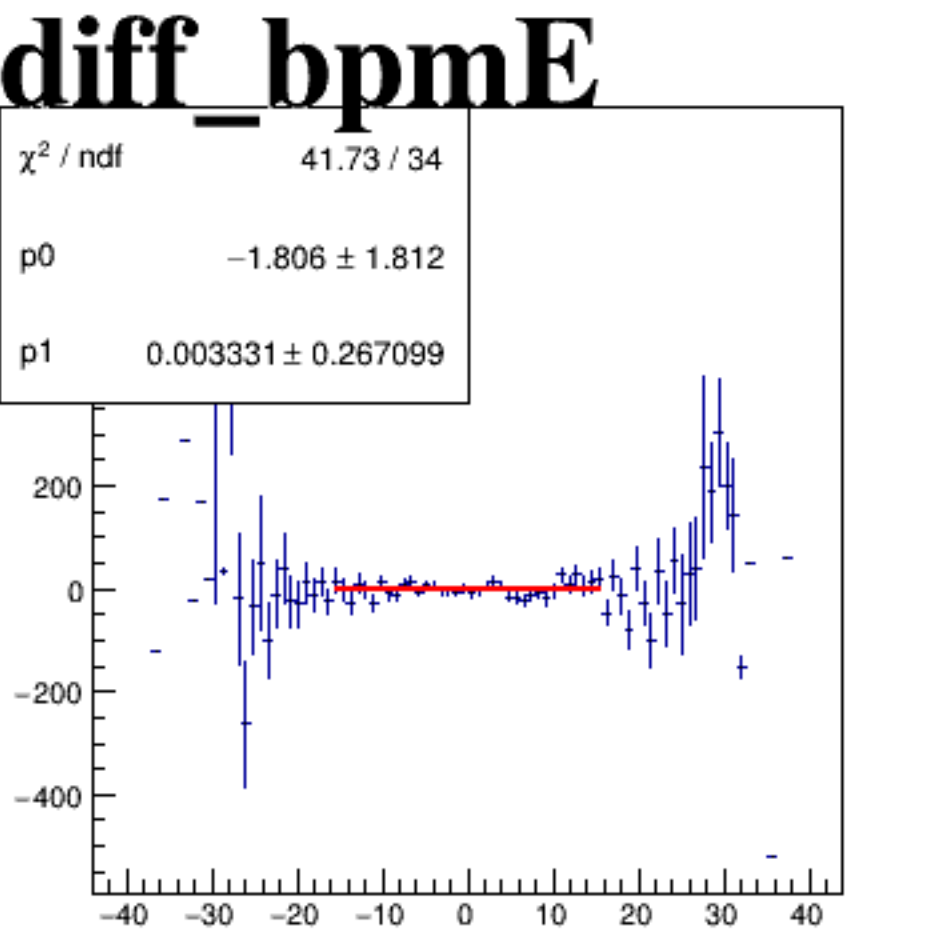
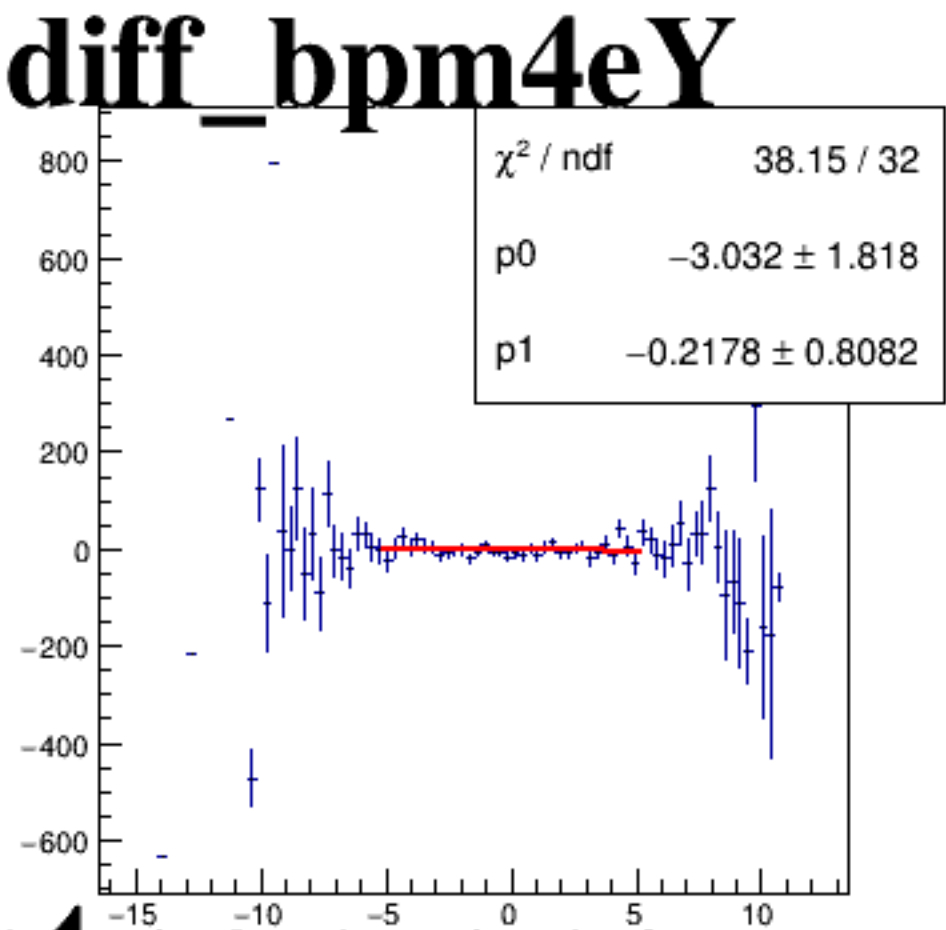
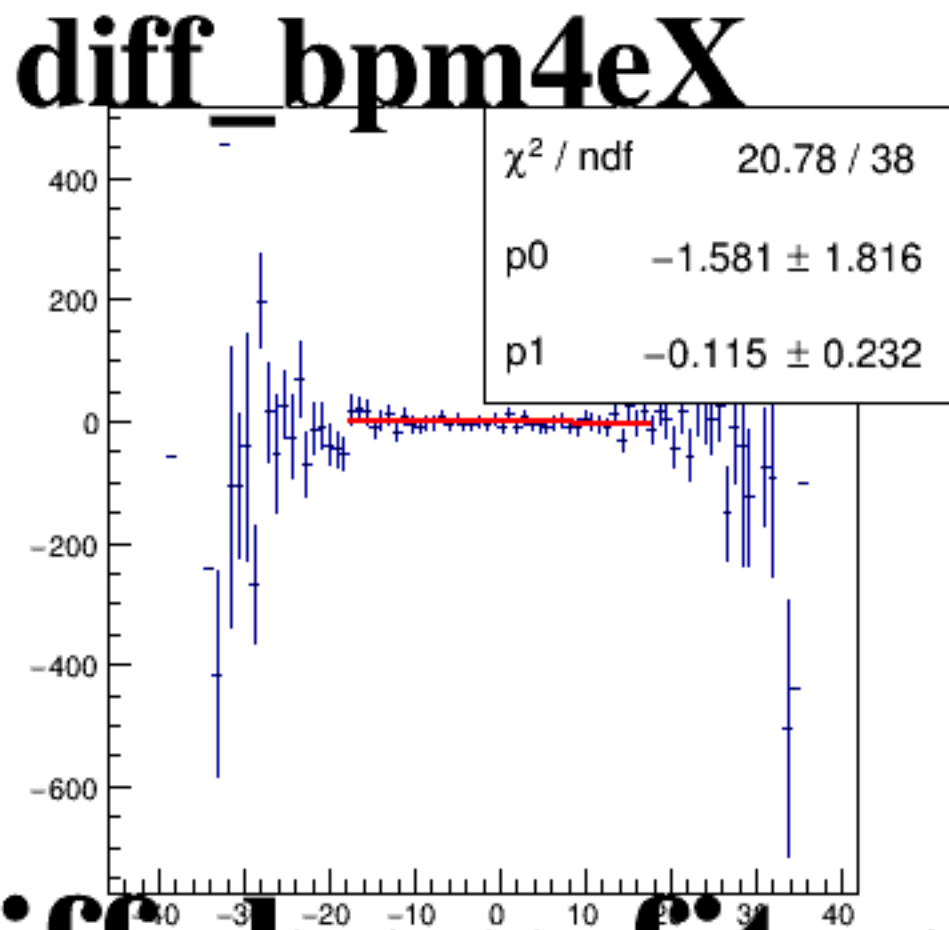
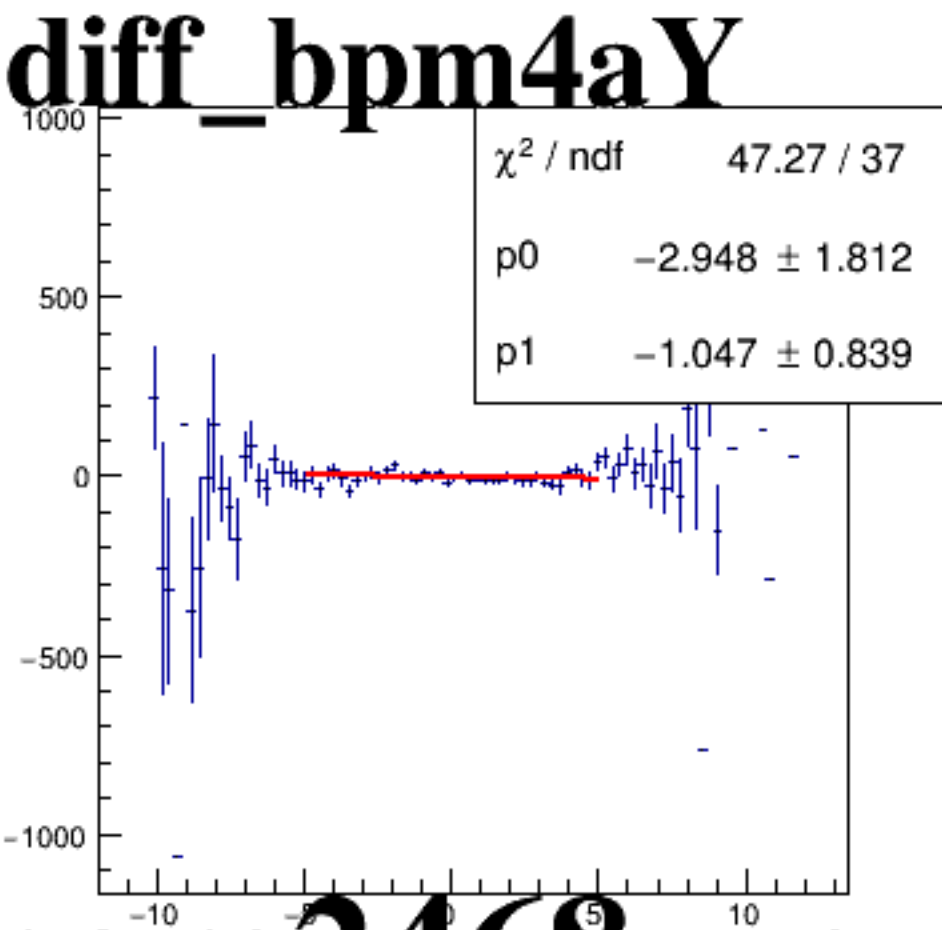
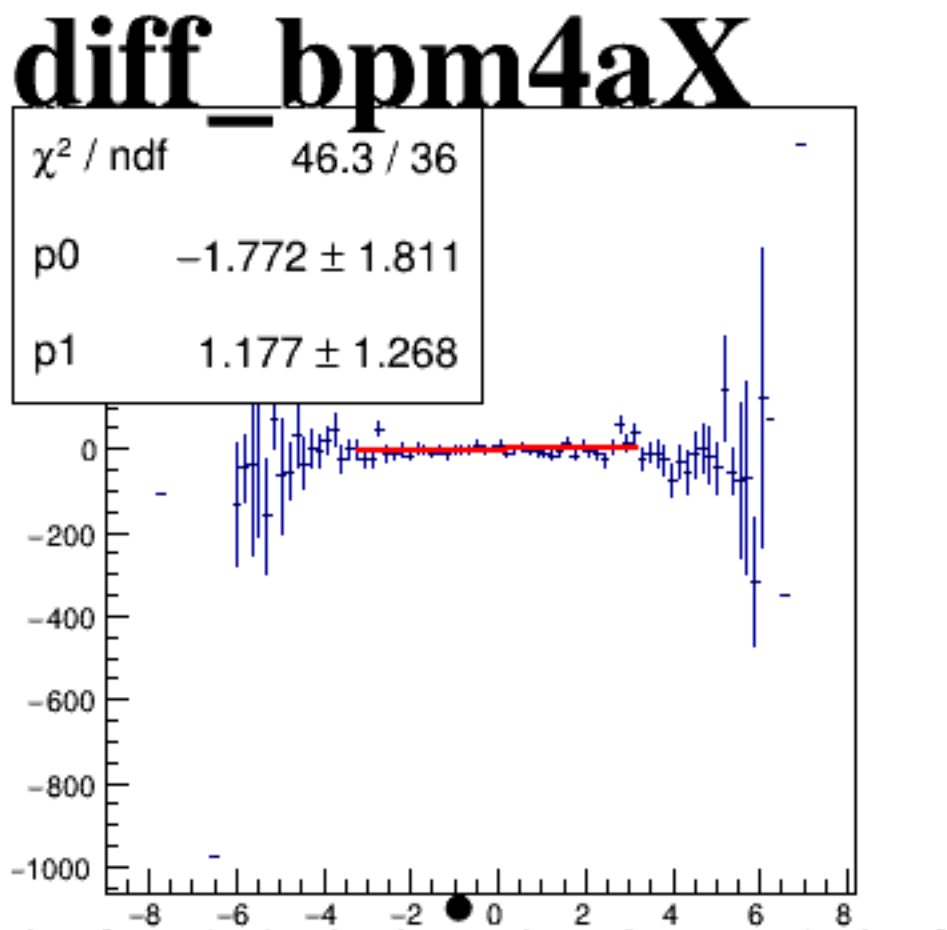
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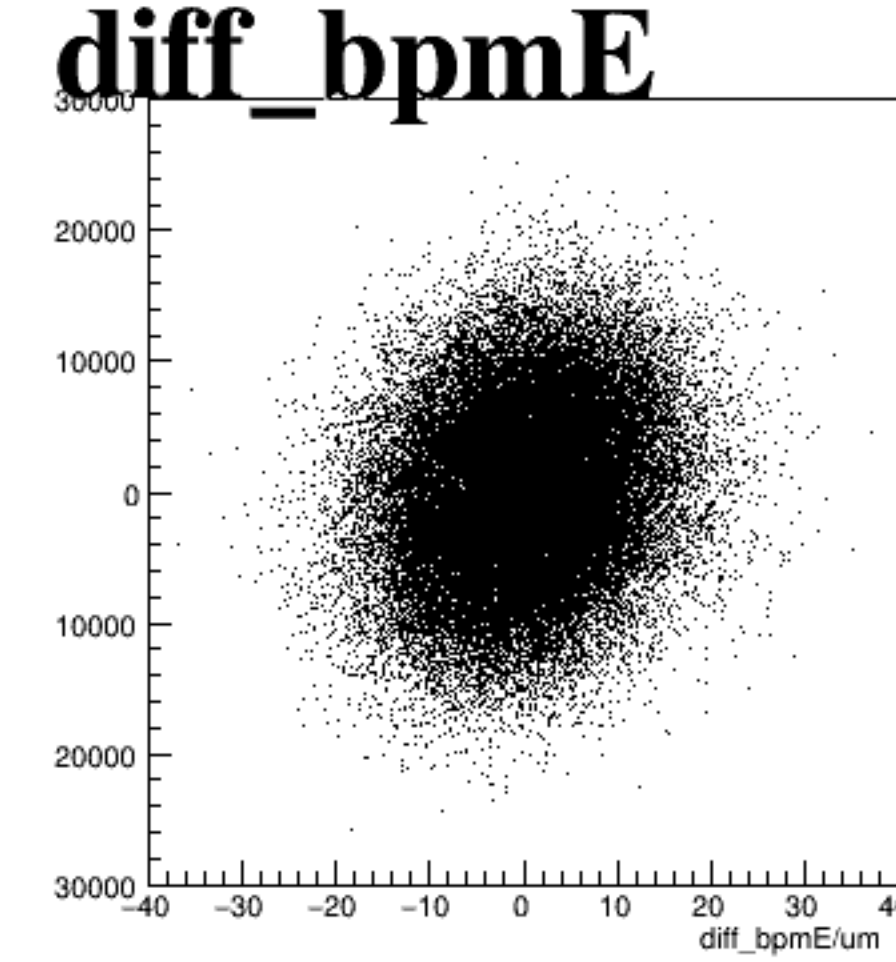
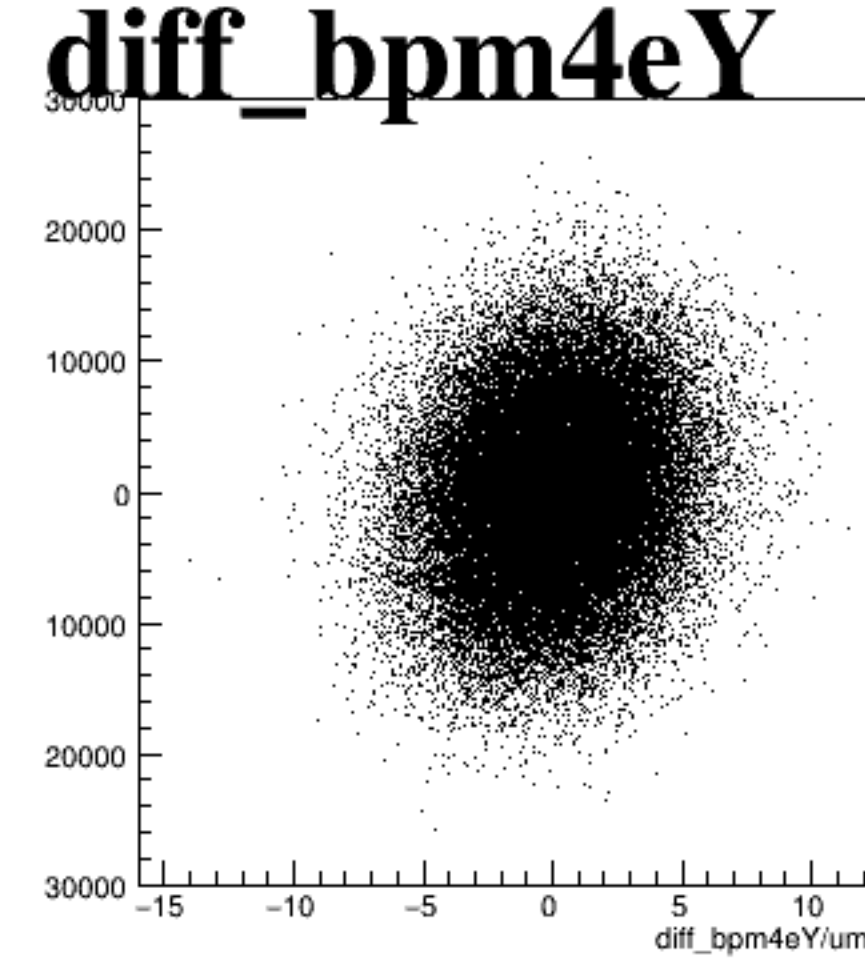
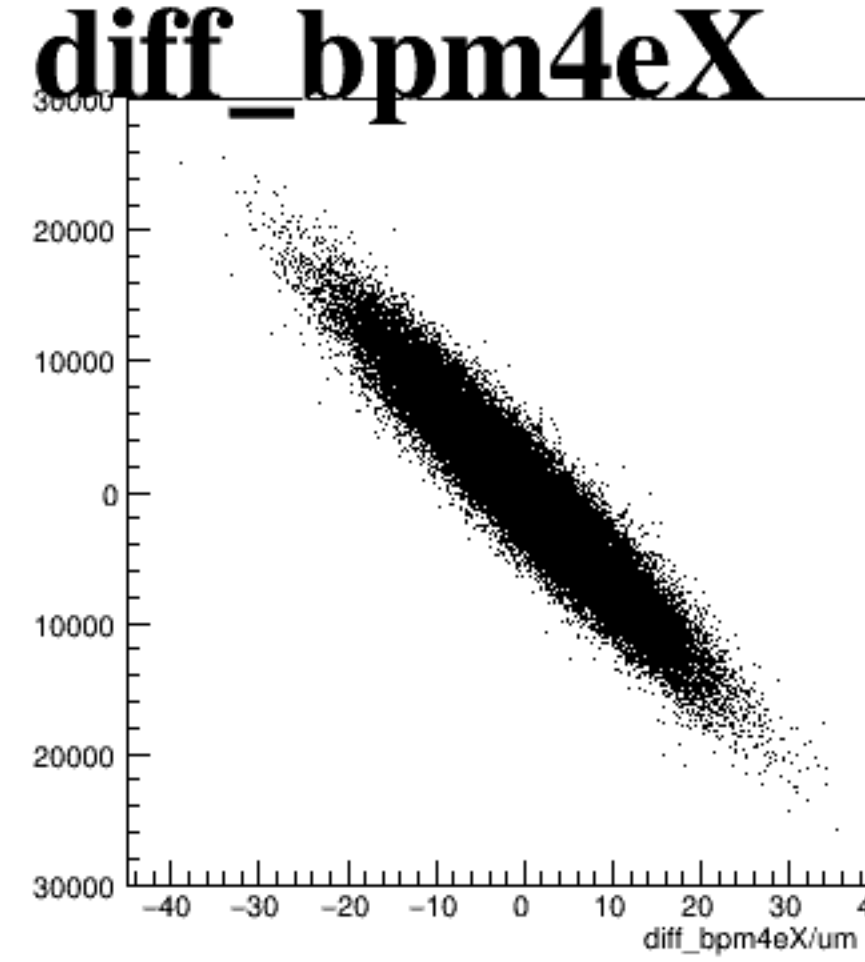
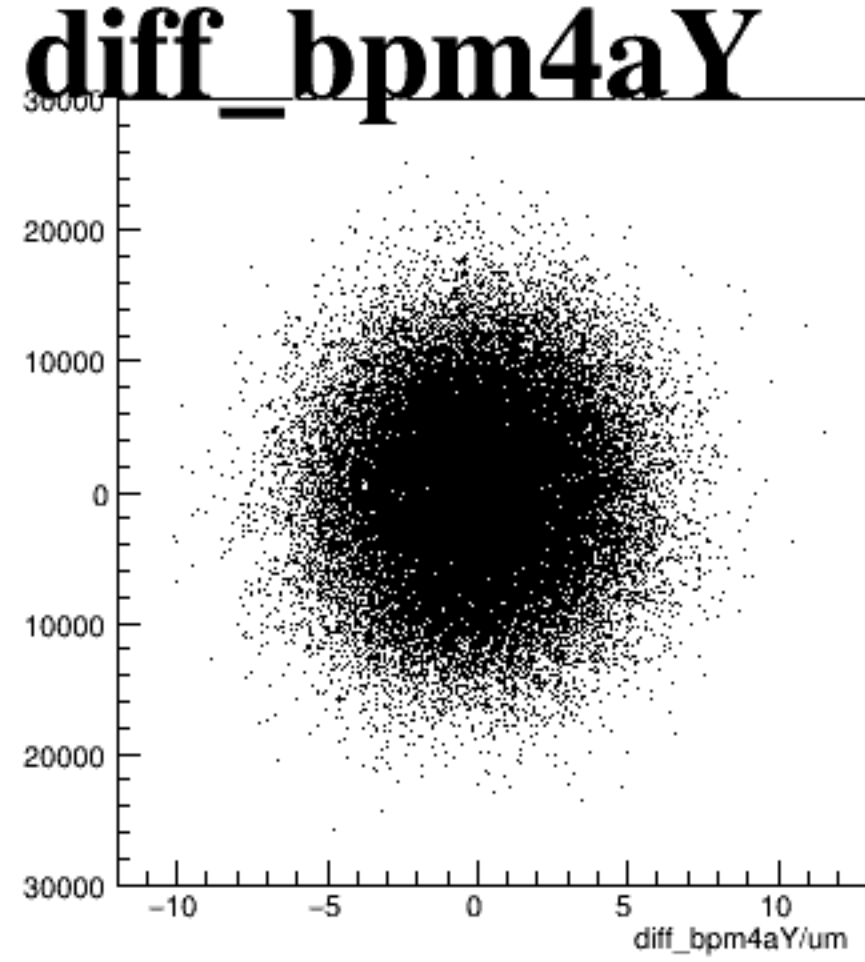
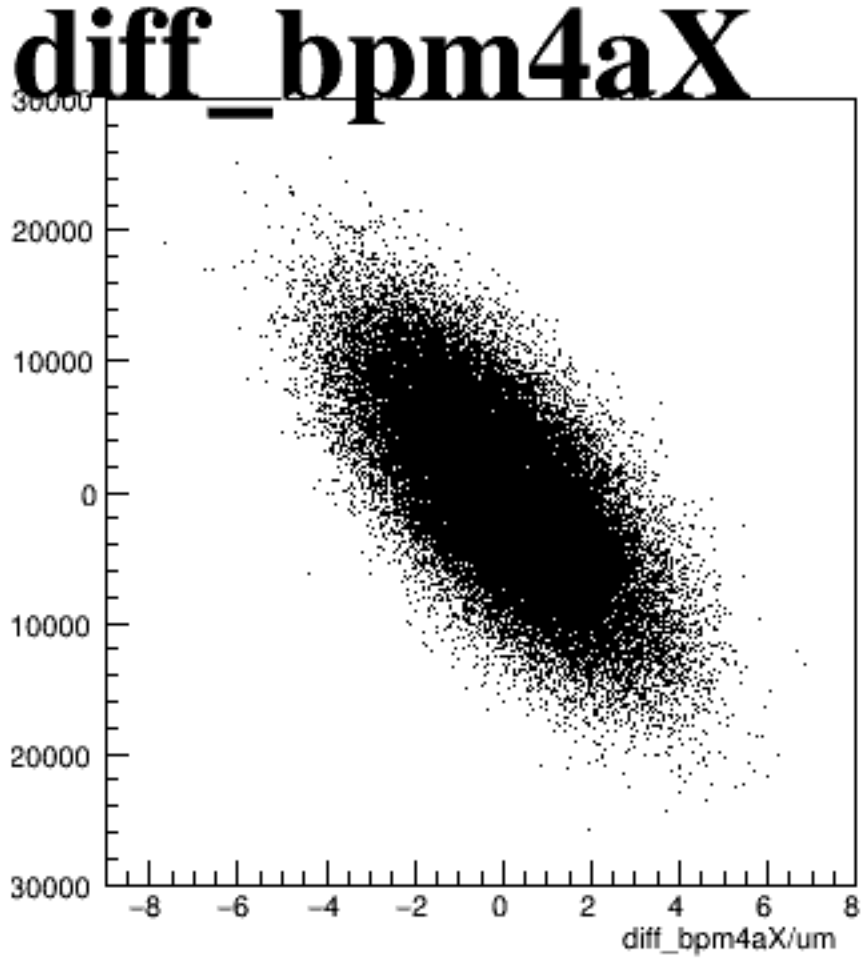
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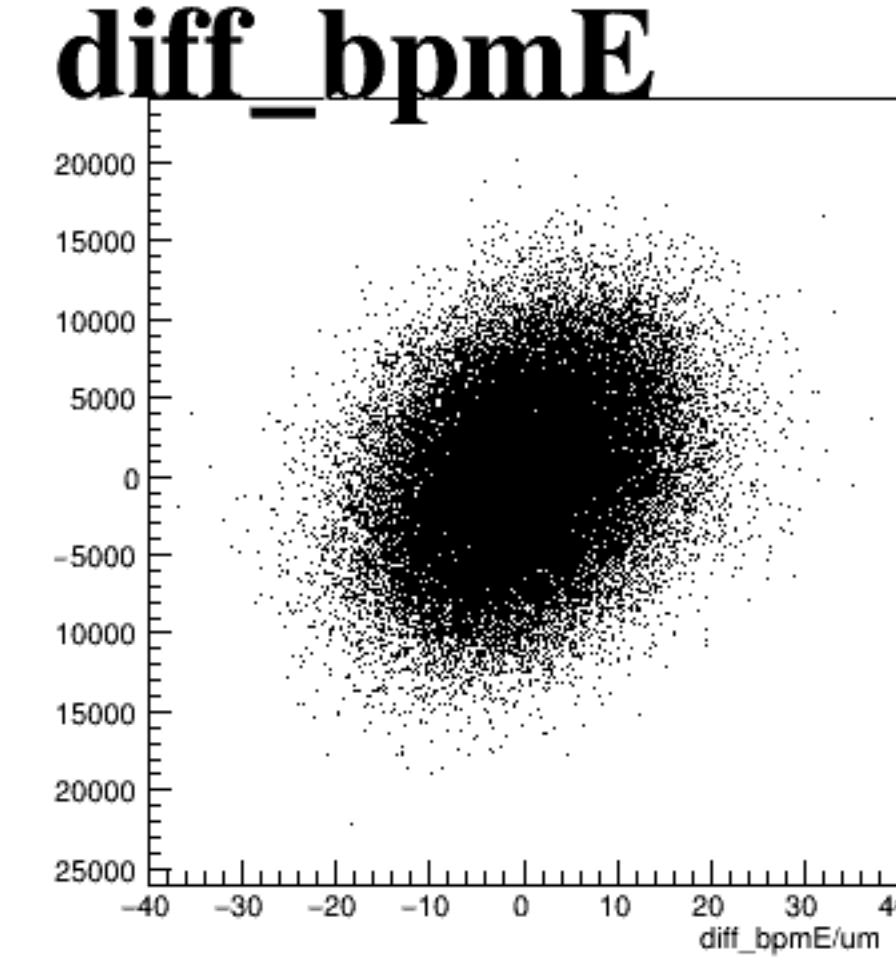
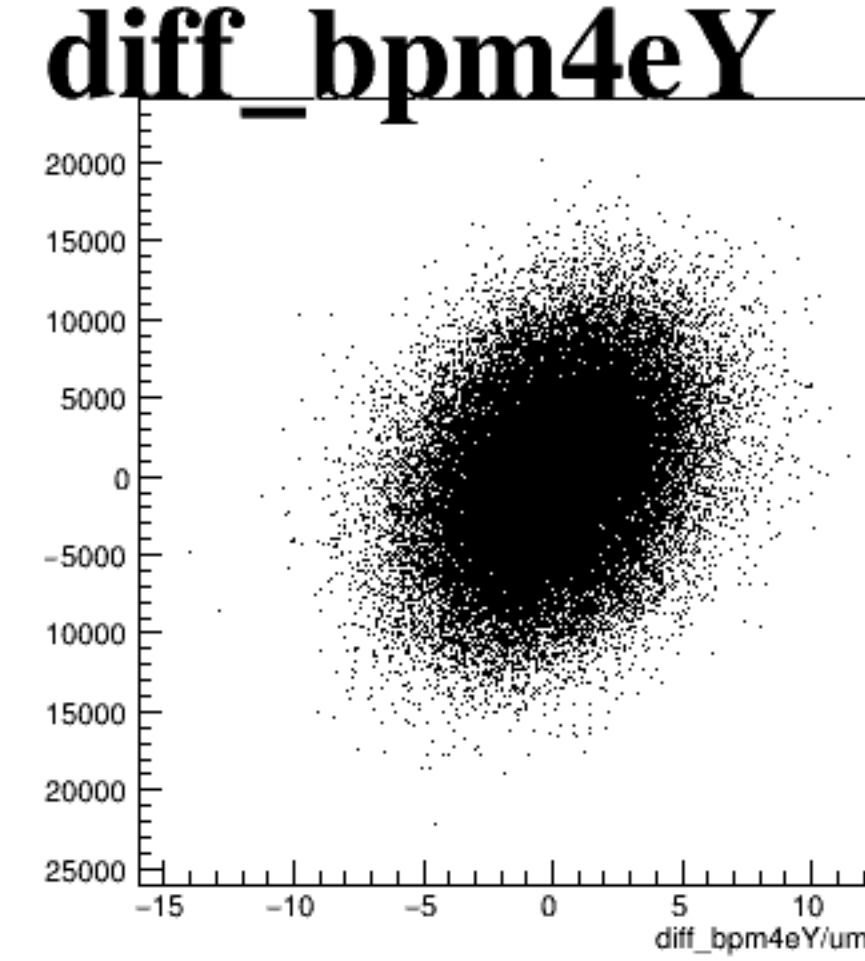
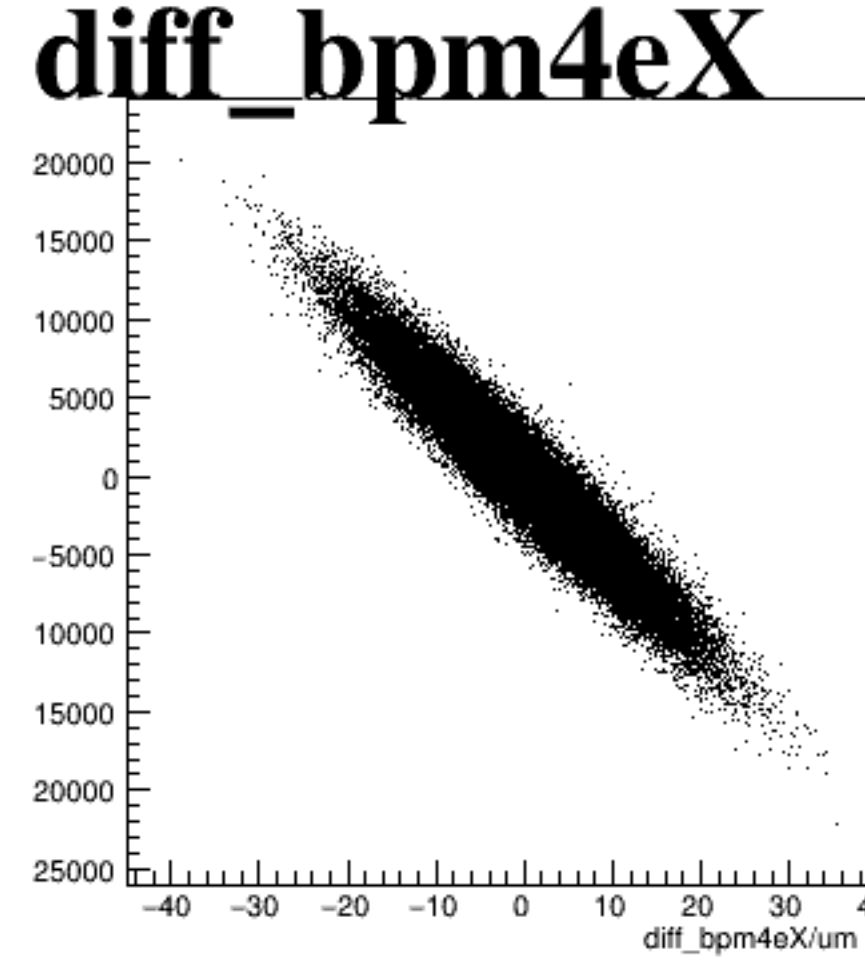
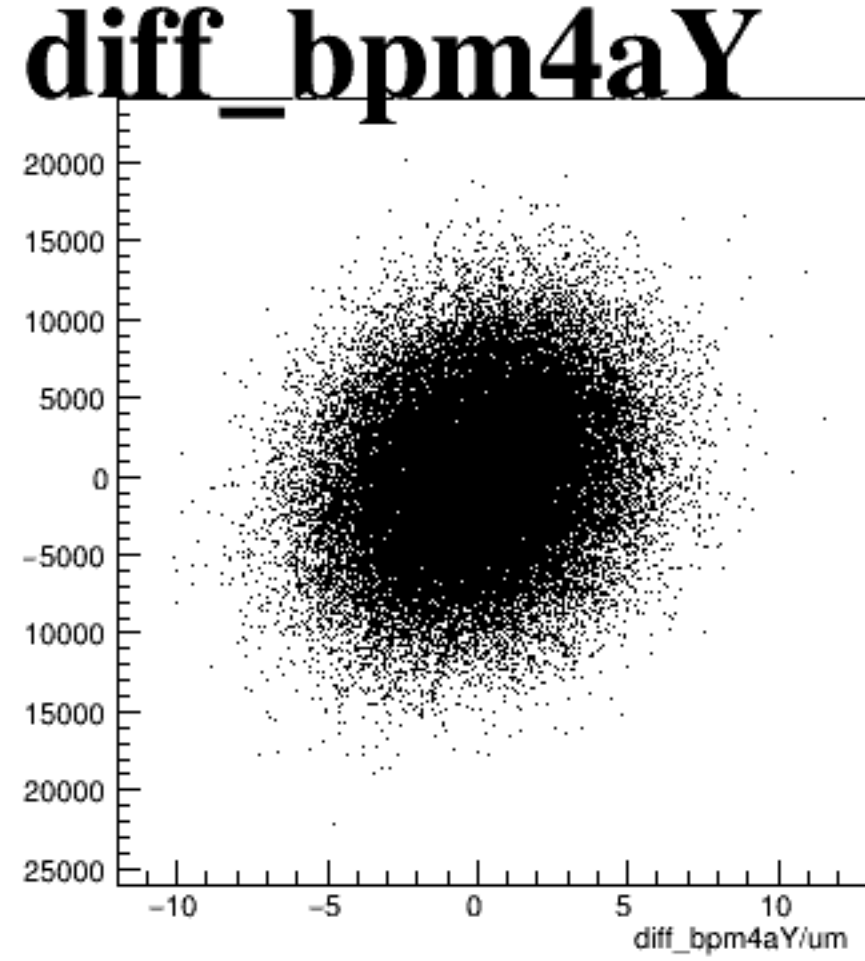
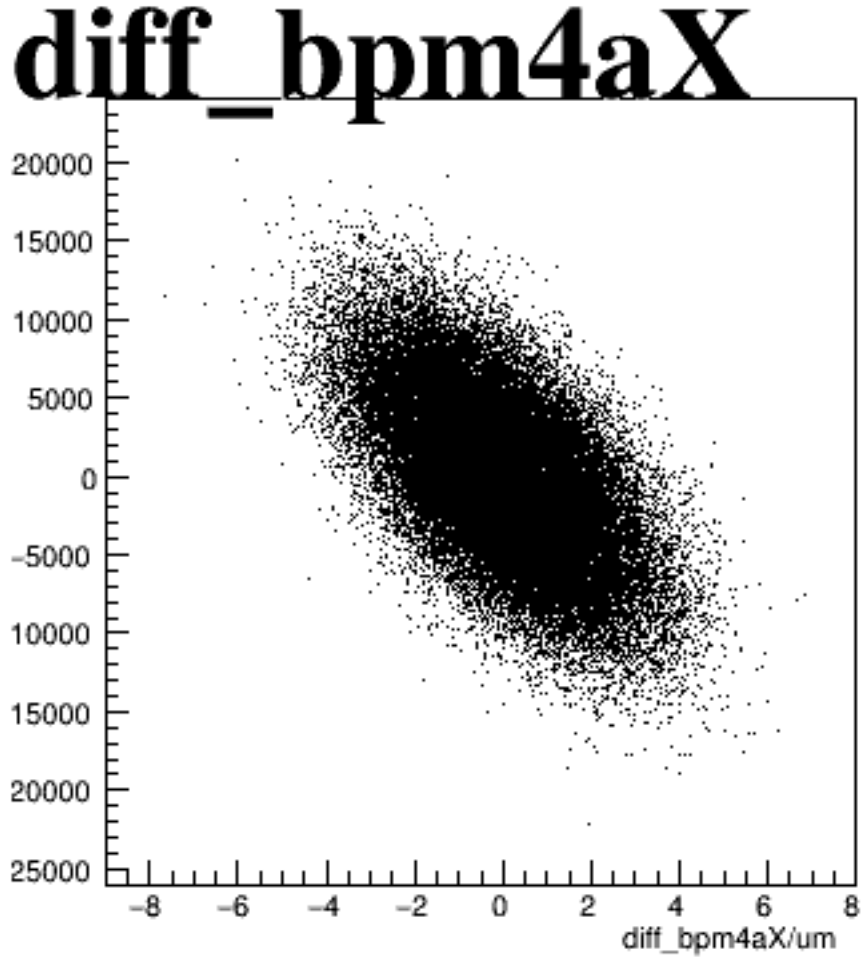
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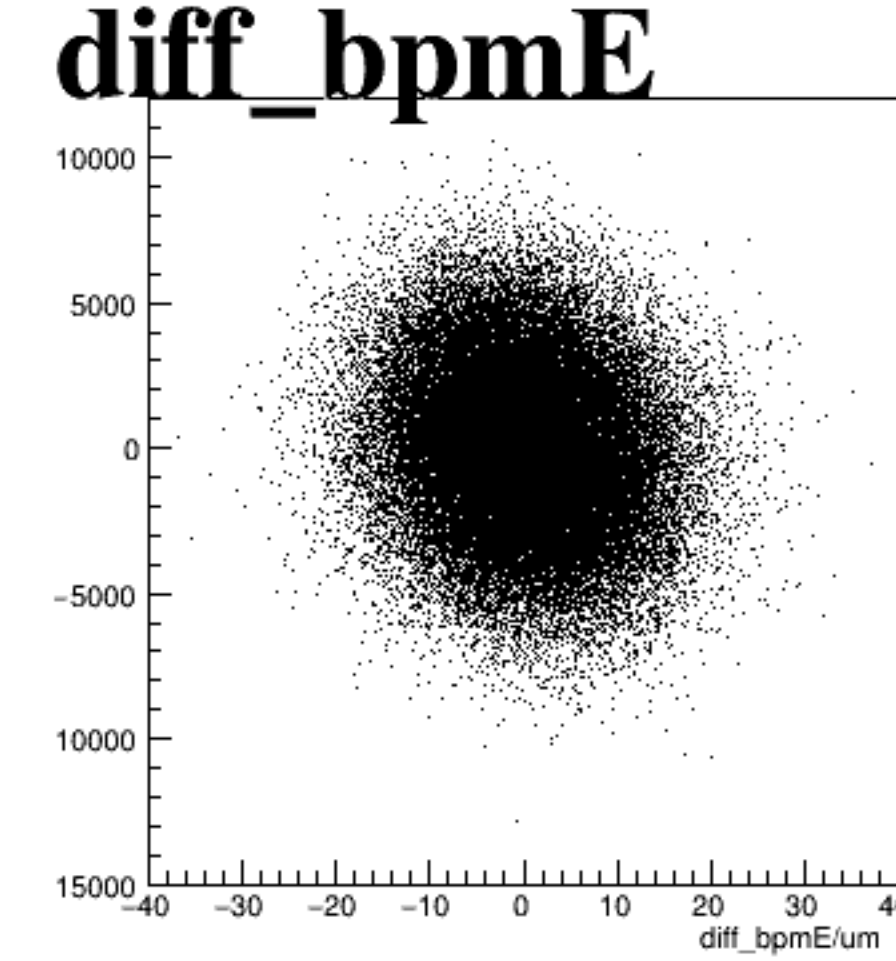
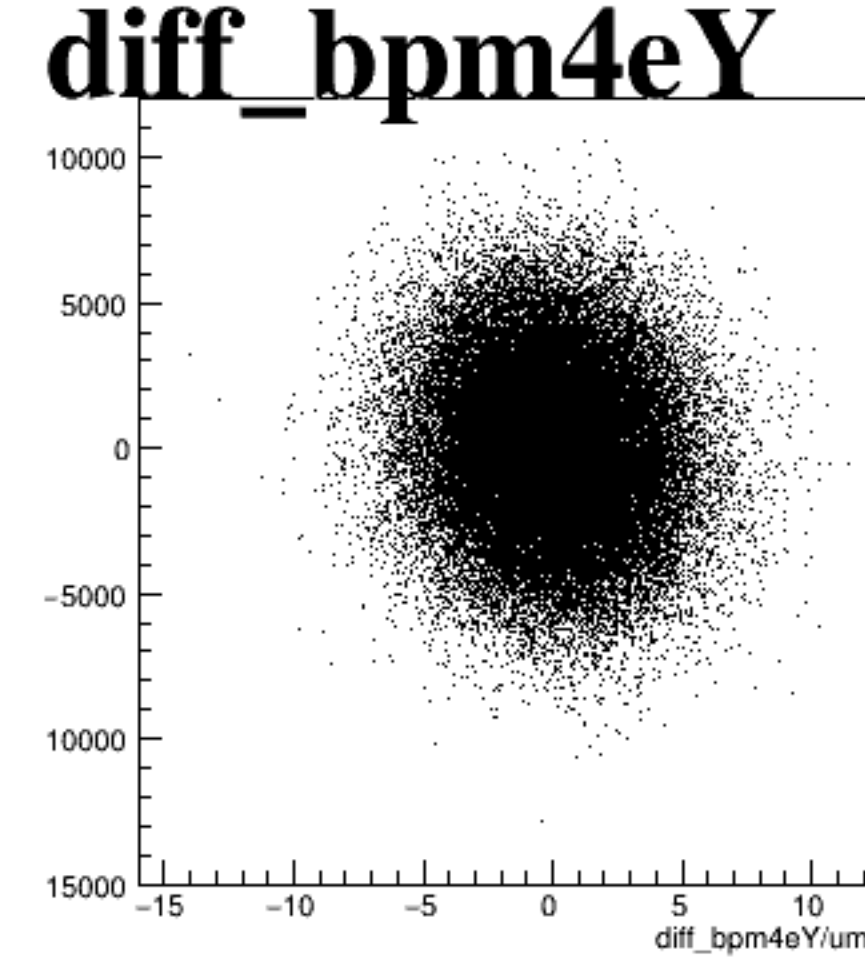
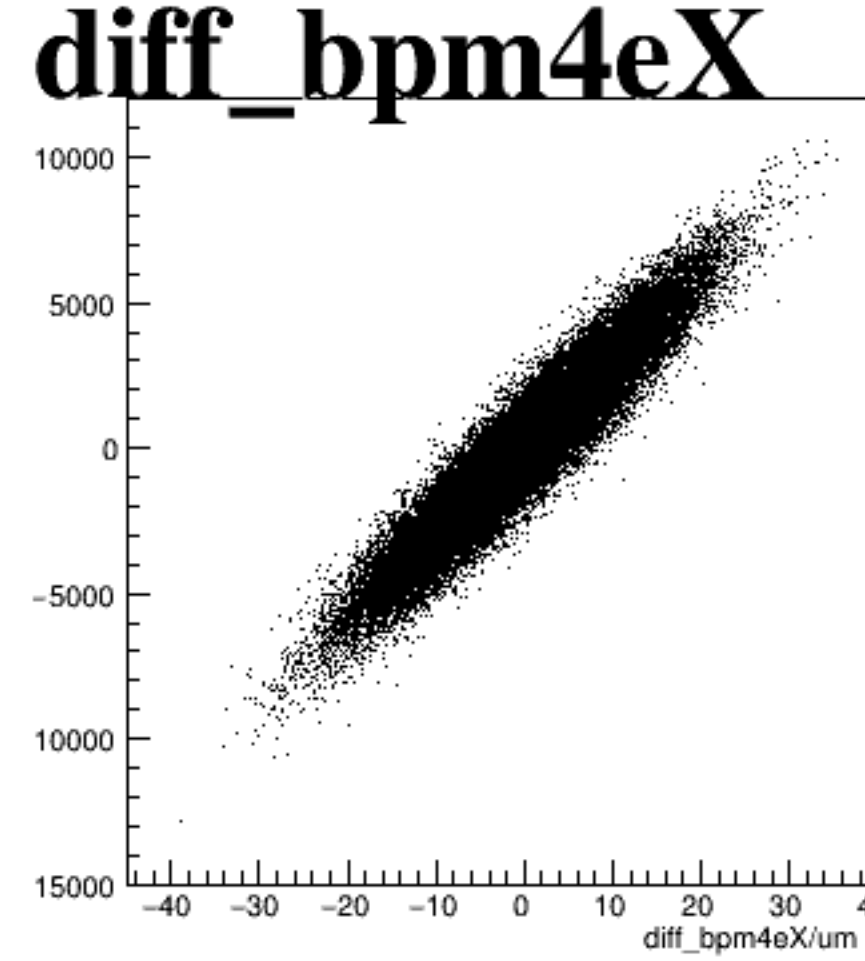
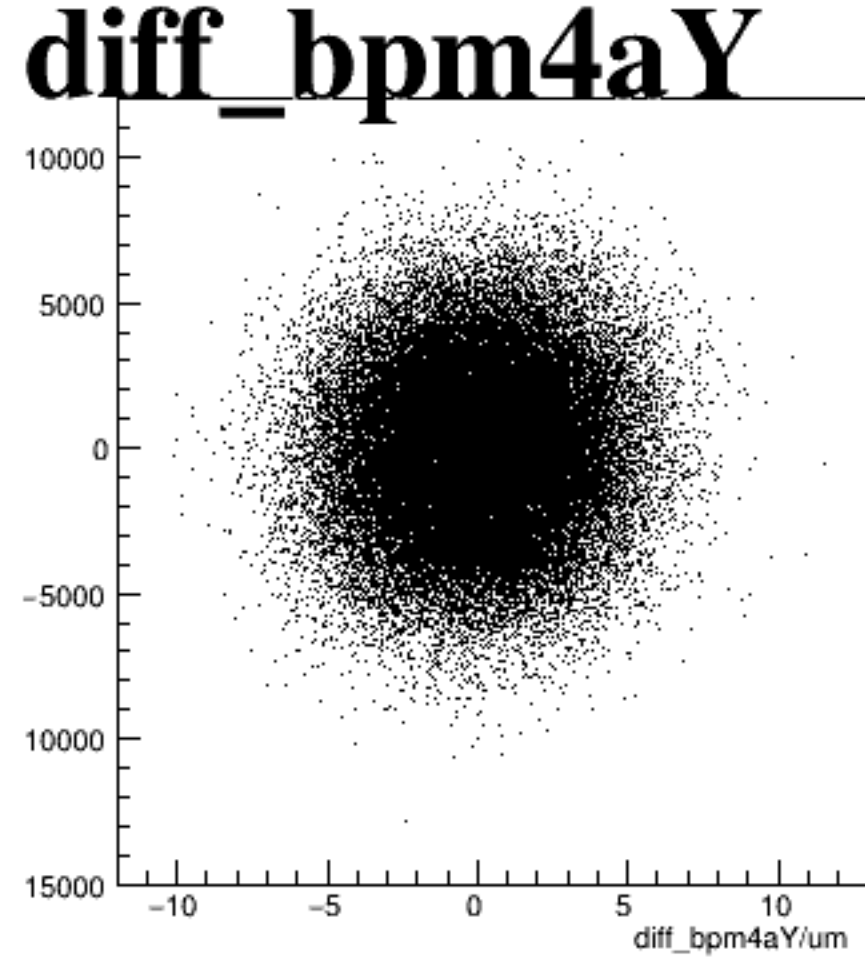
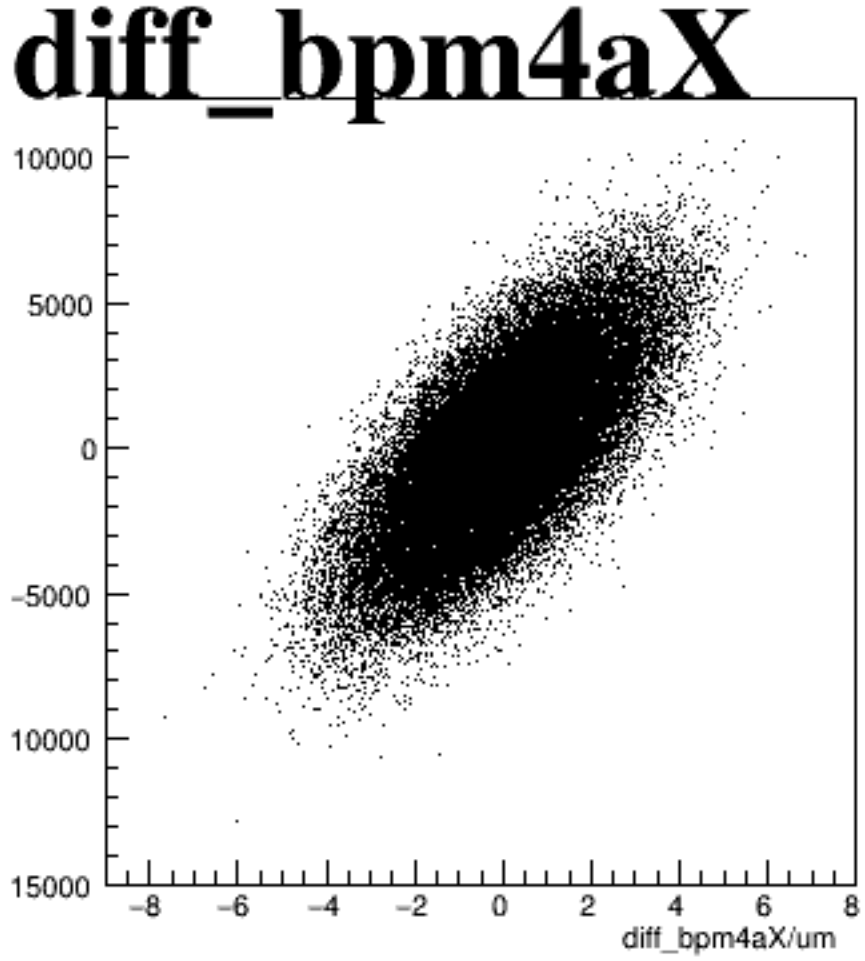
asym_sam2



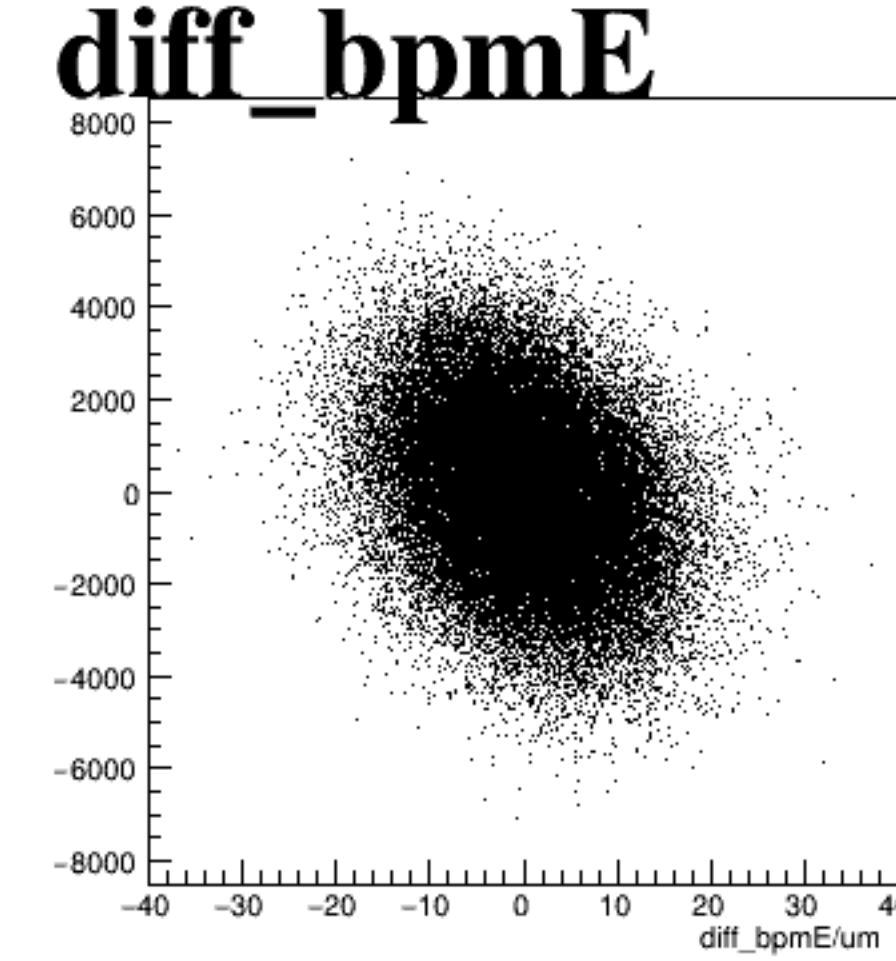
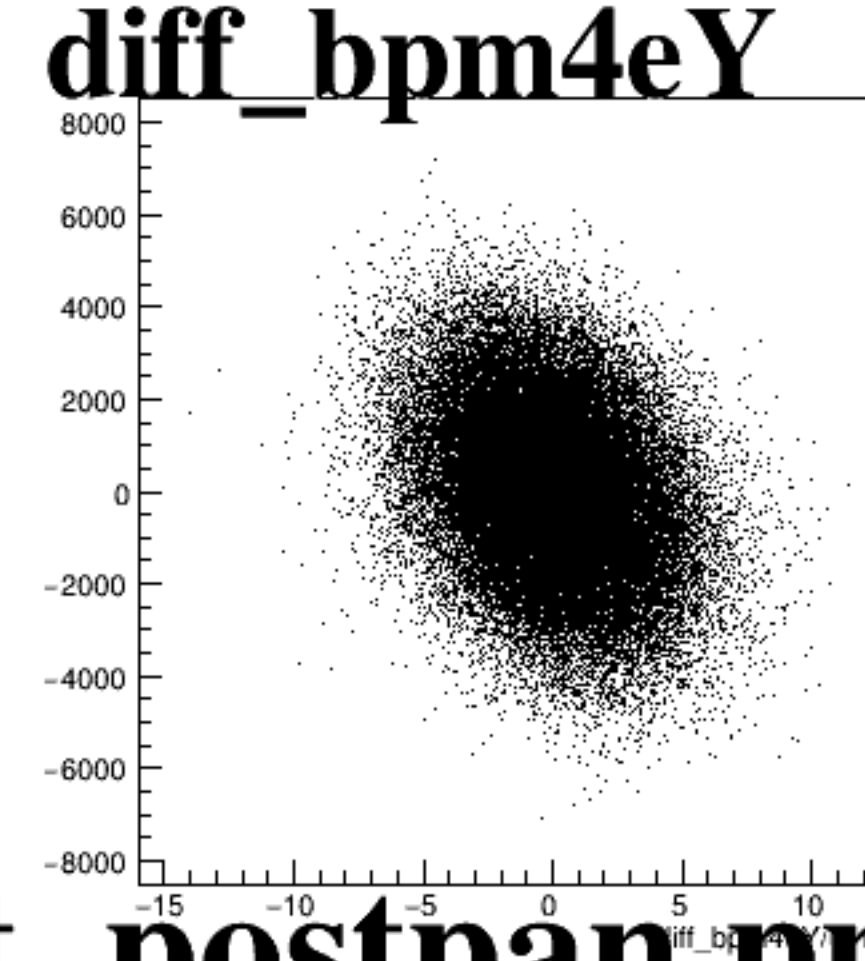
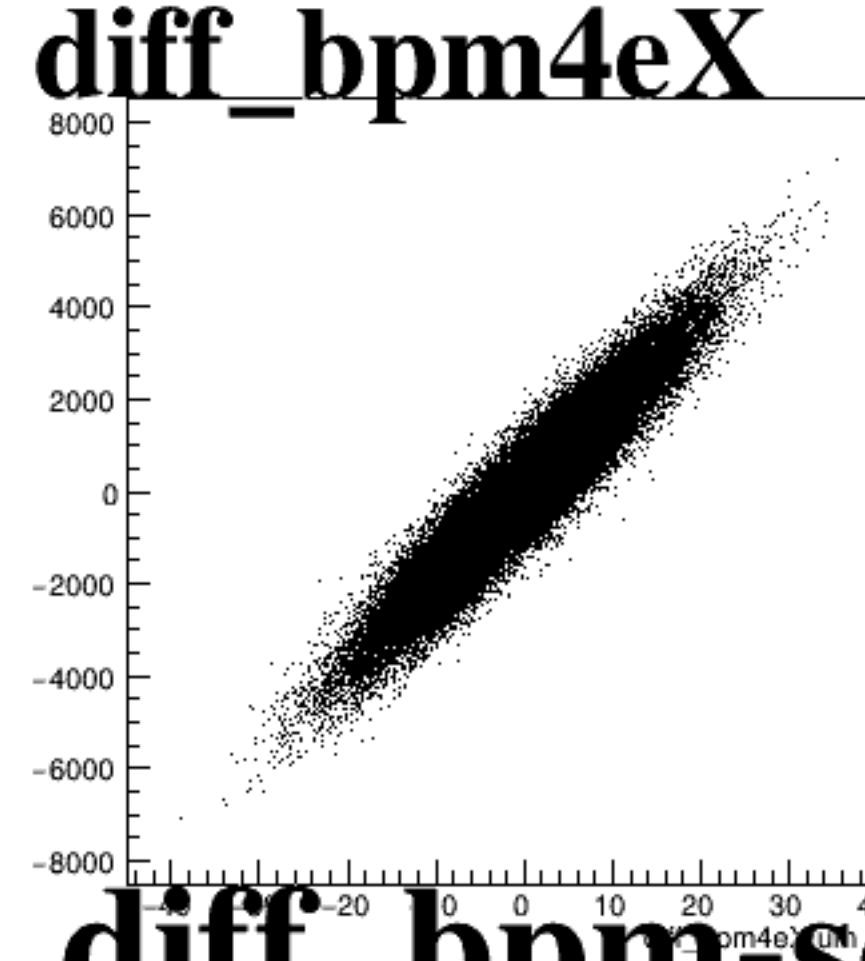
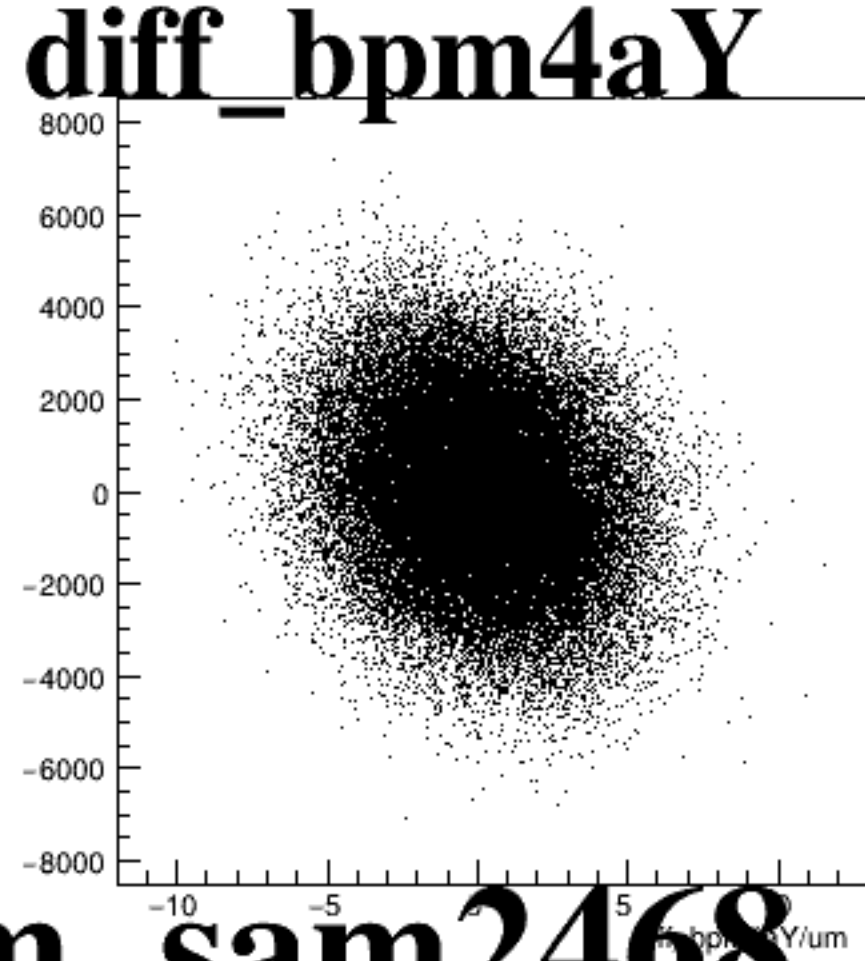
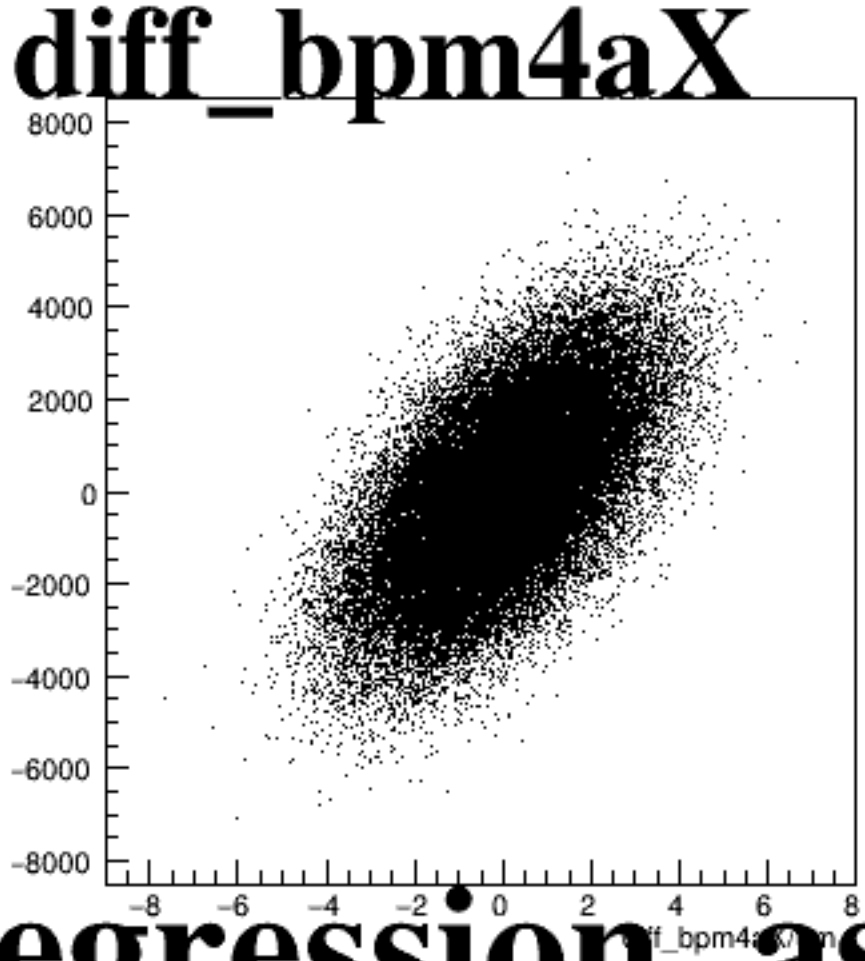
asym_sam4



asym_sam6

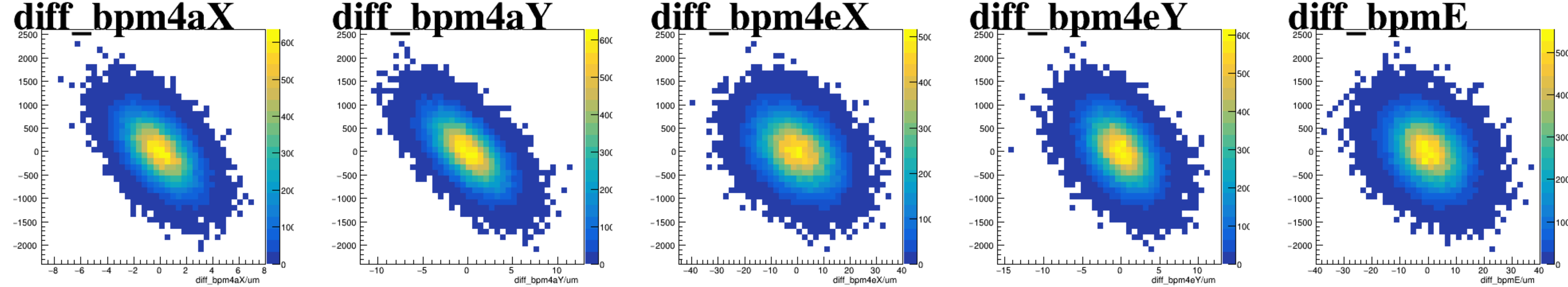


asym_sam8

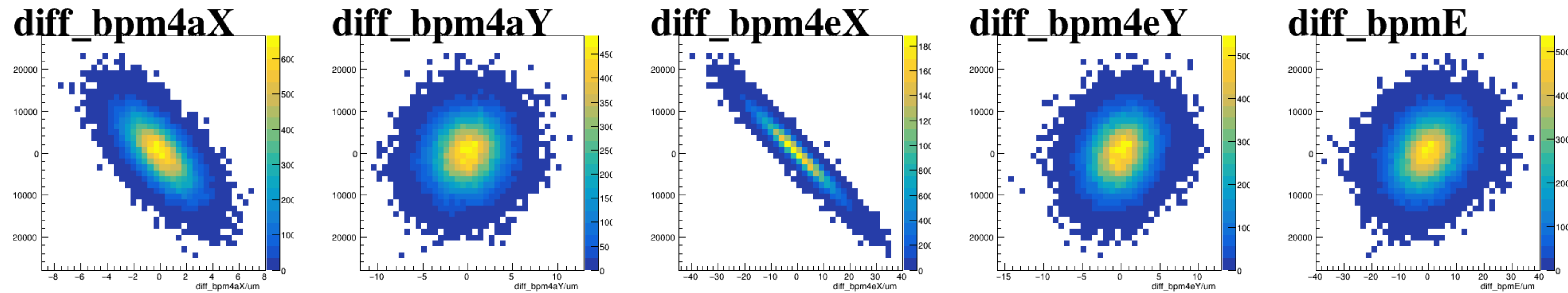


The figure consists of five scatter plots arranged horizontally, each showing the distribution of diffraction orders for different beam parameters. The y-axis for all plots is labeled 'diff_bpm' and ranges from -8000 to 8000. The x-axis for each plot is labeled 'diff_bpmX/um' or 'diff_bpmY/um' and ranges from -8 to 8, -10 to 10, -40 to 40, -15 to 10, and -40 to 40 respectively. The distributions are roughly circular and centered at (0,0).

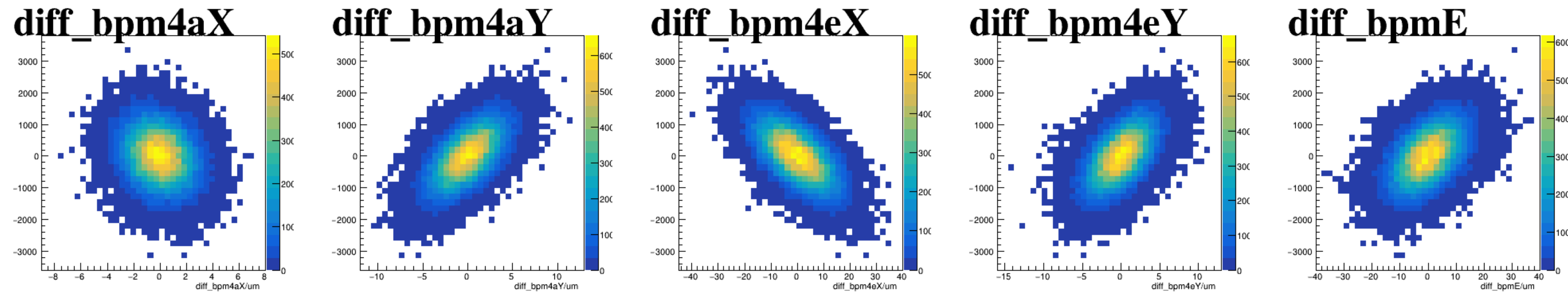
asym_sam1



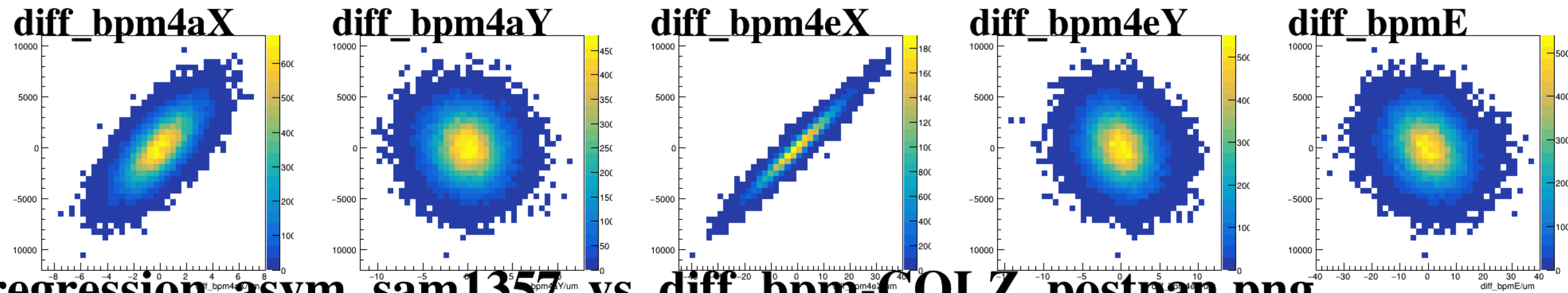
asym_sam3



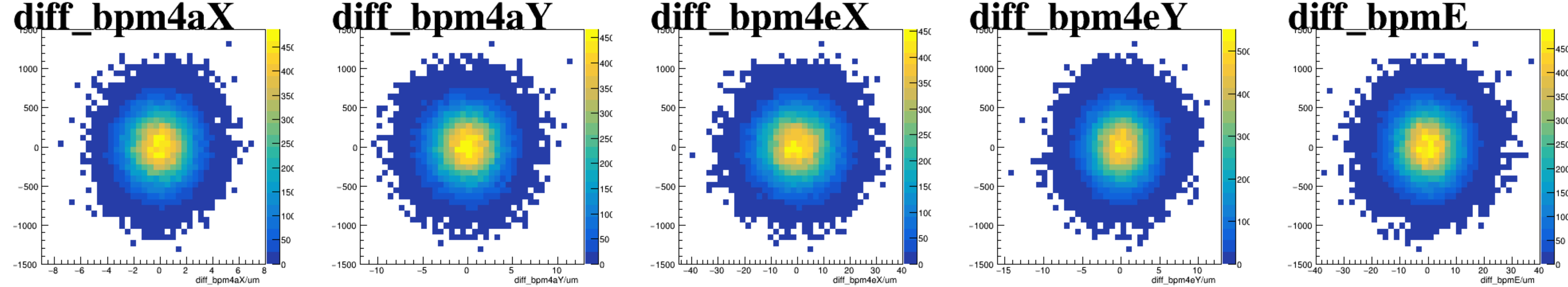
asym_sam5



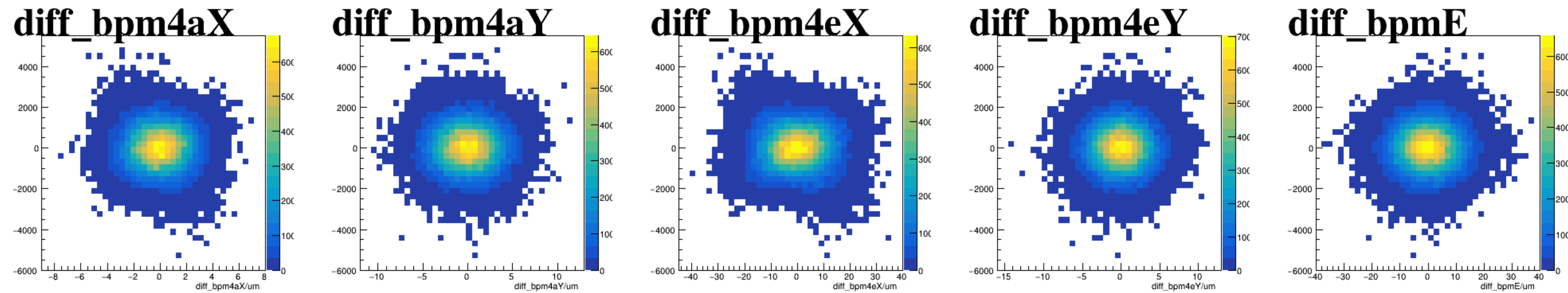
asym_sam7



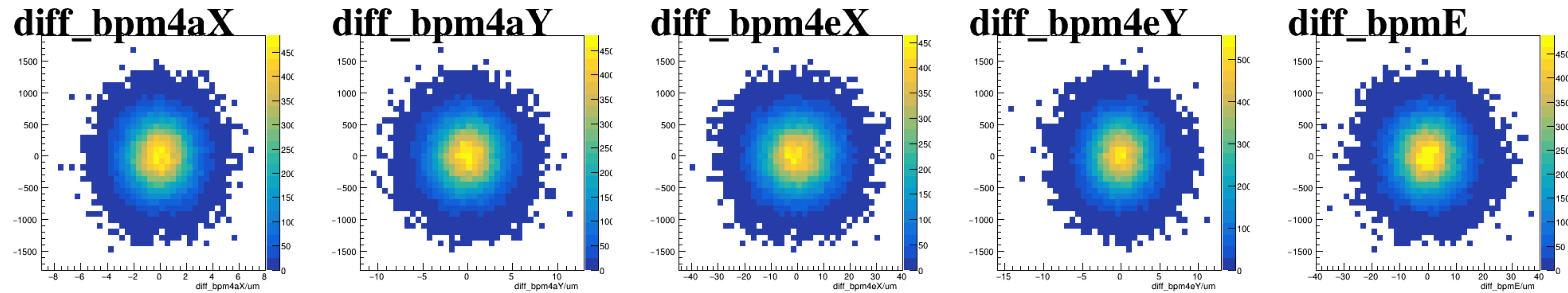
reg_asym_sam1



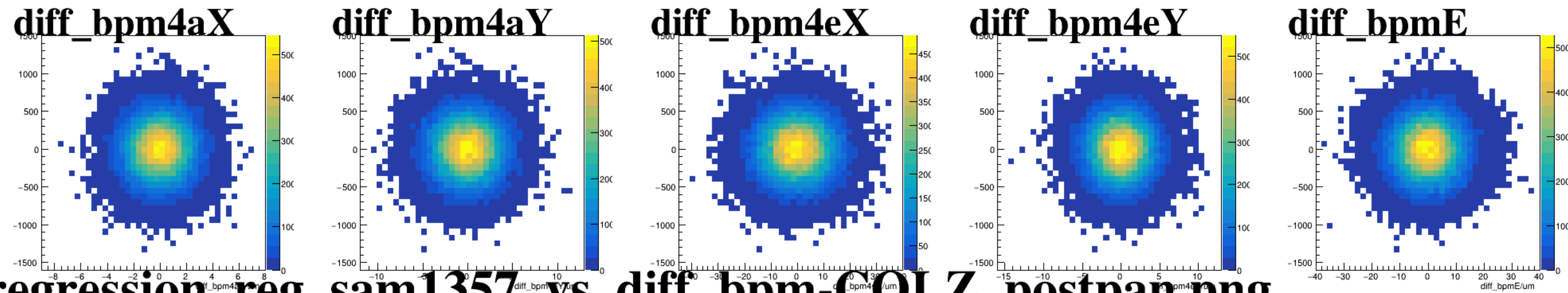
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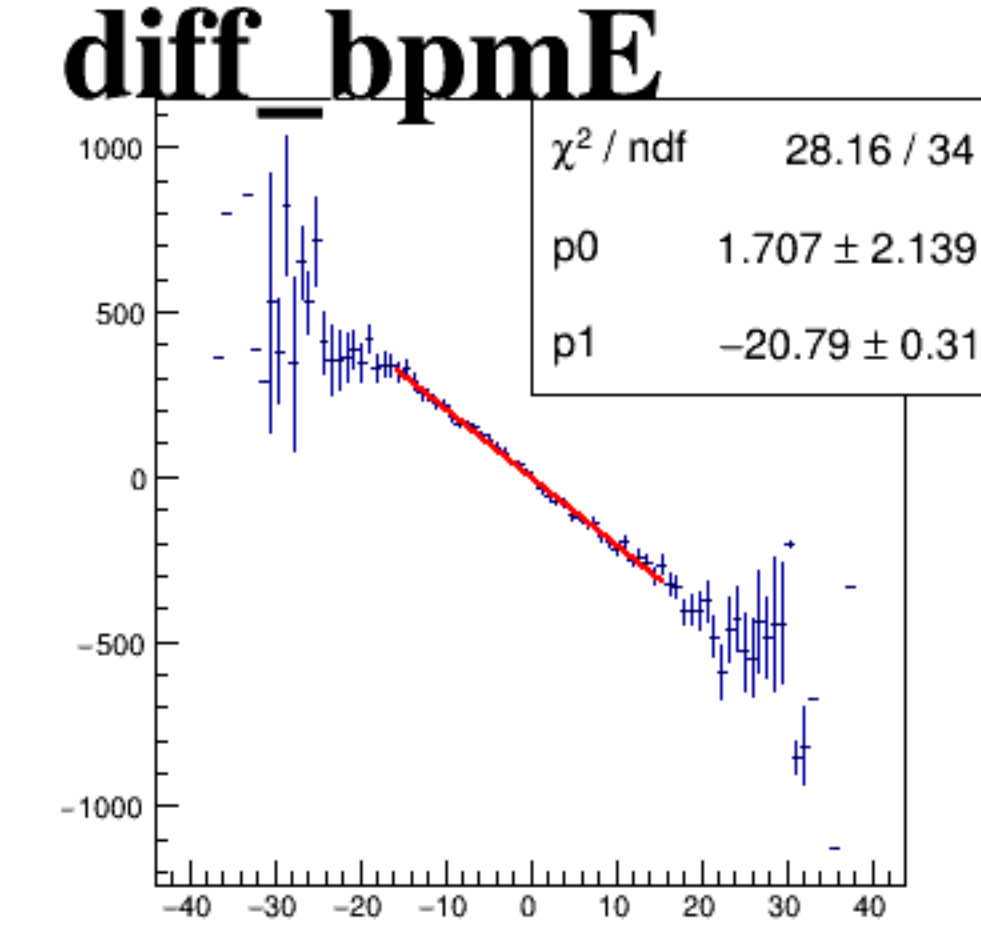
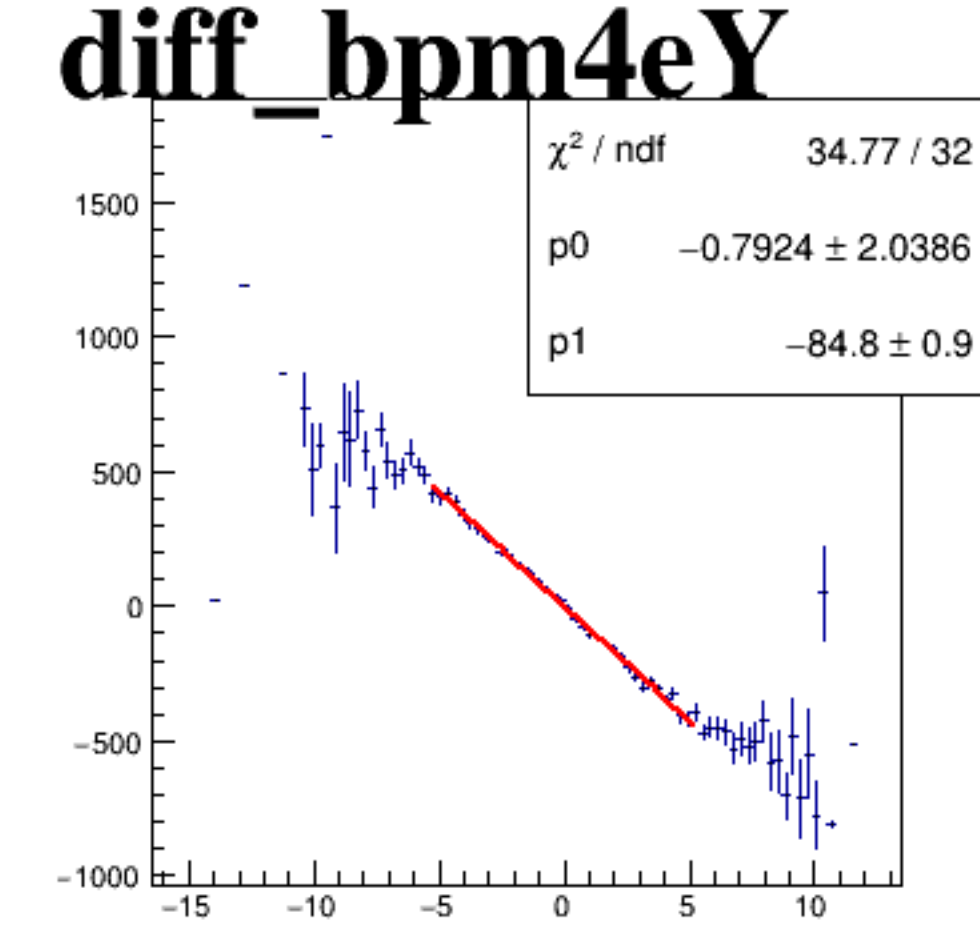
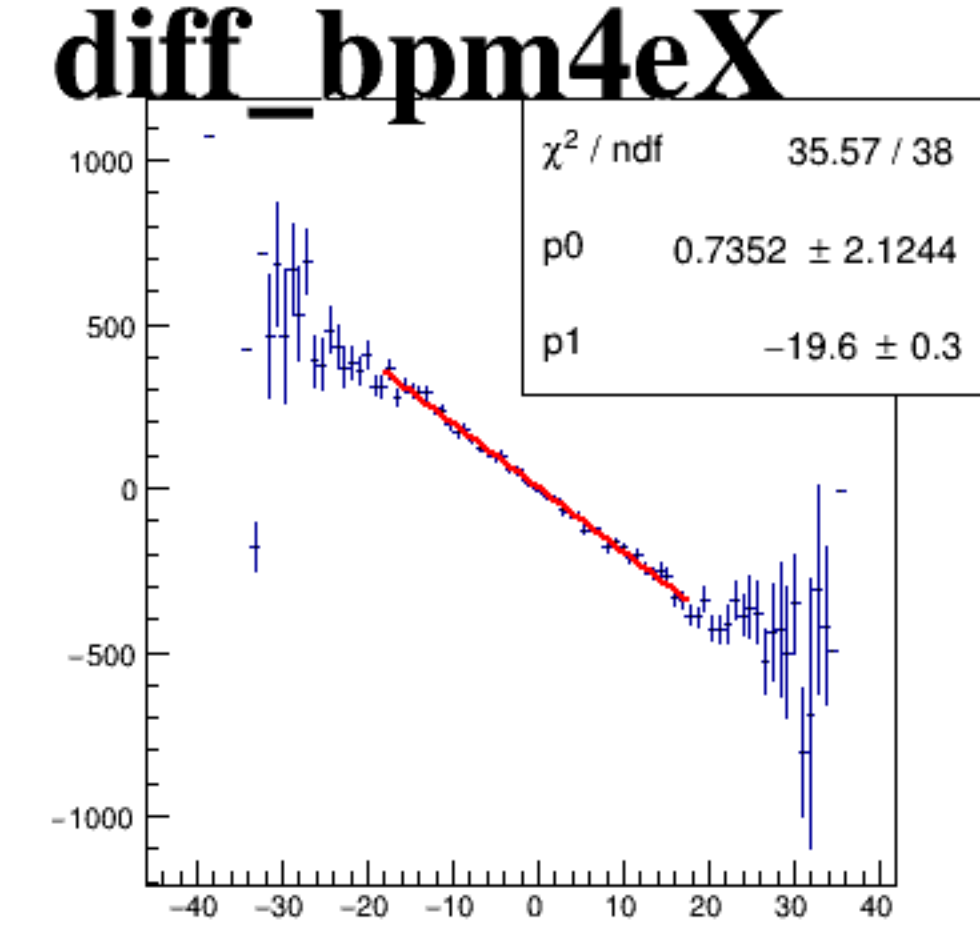
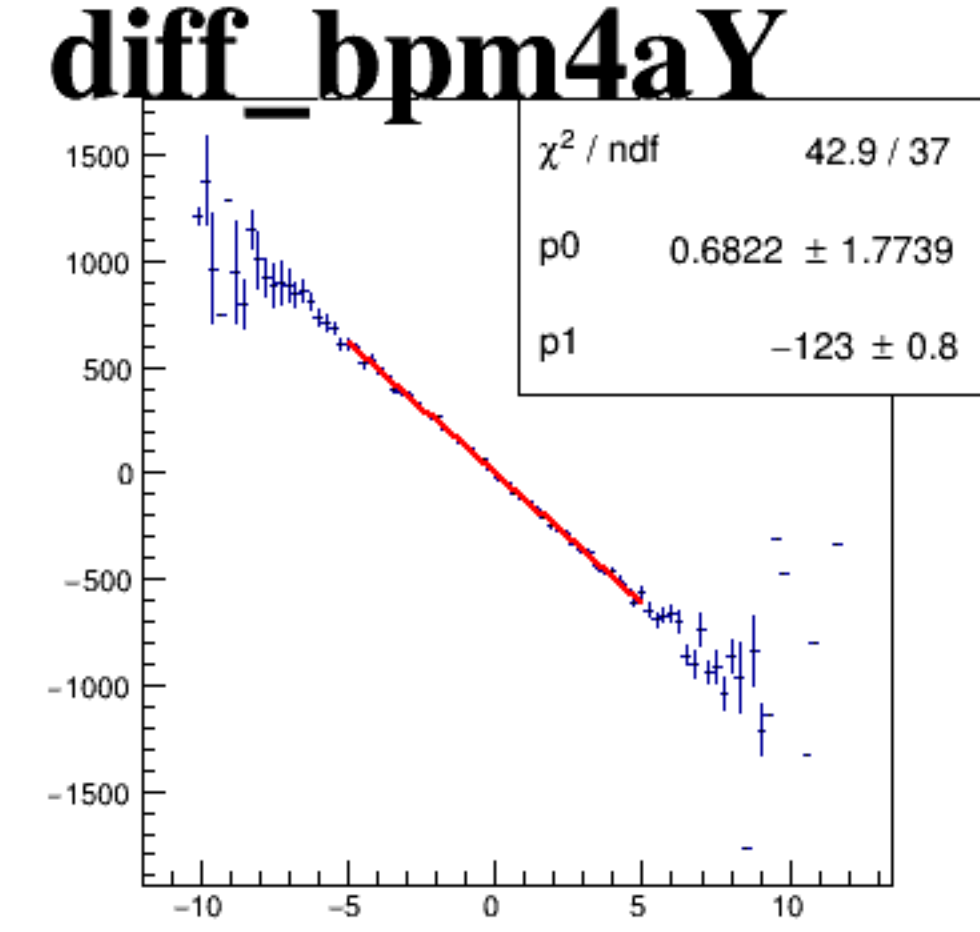
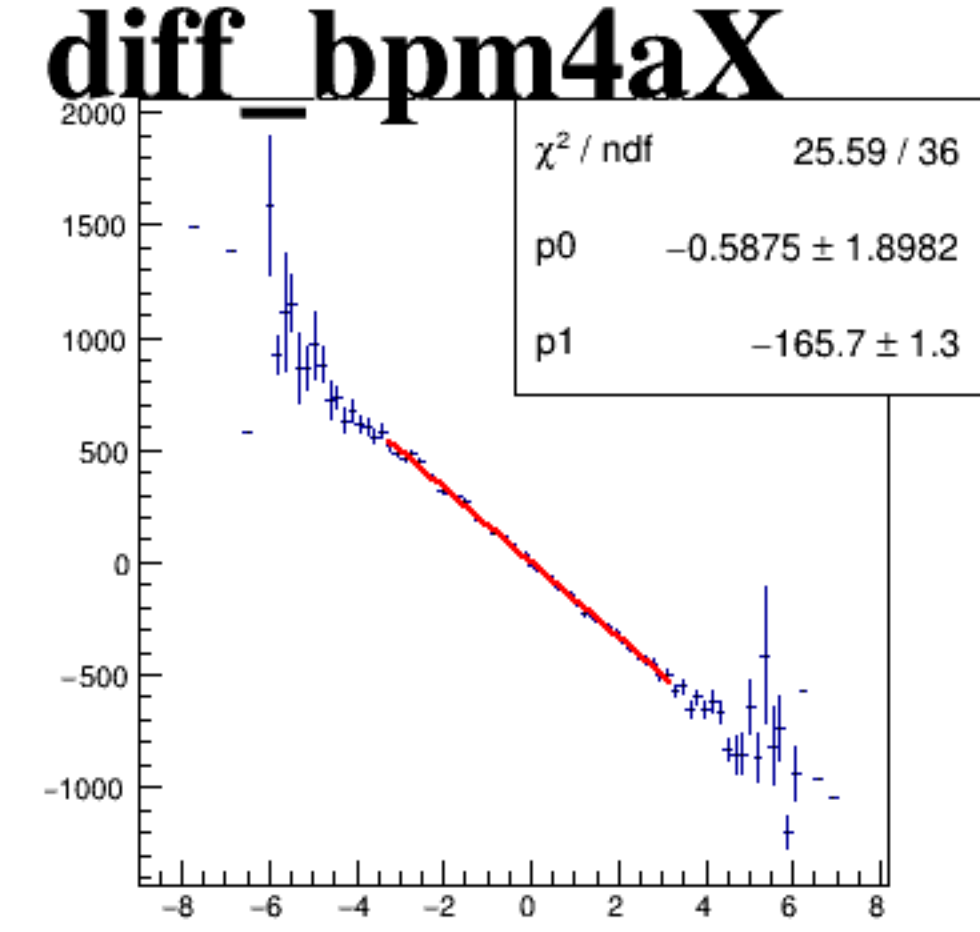
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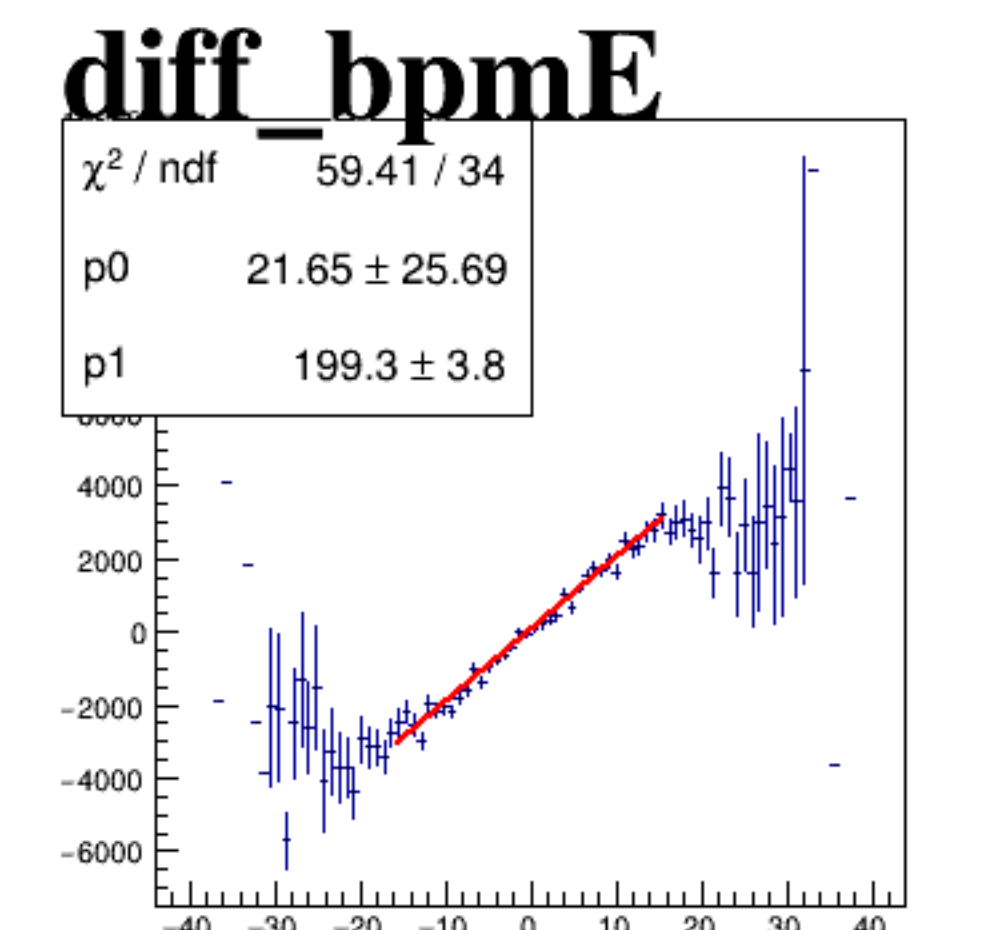
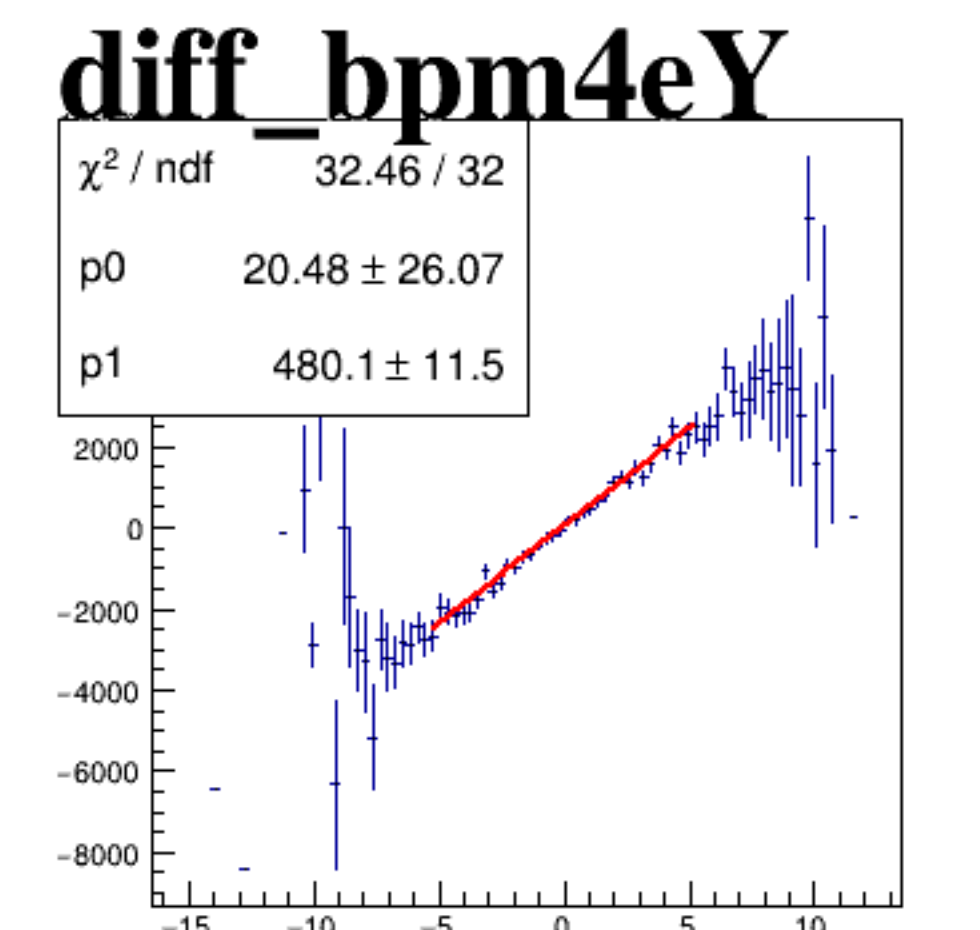
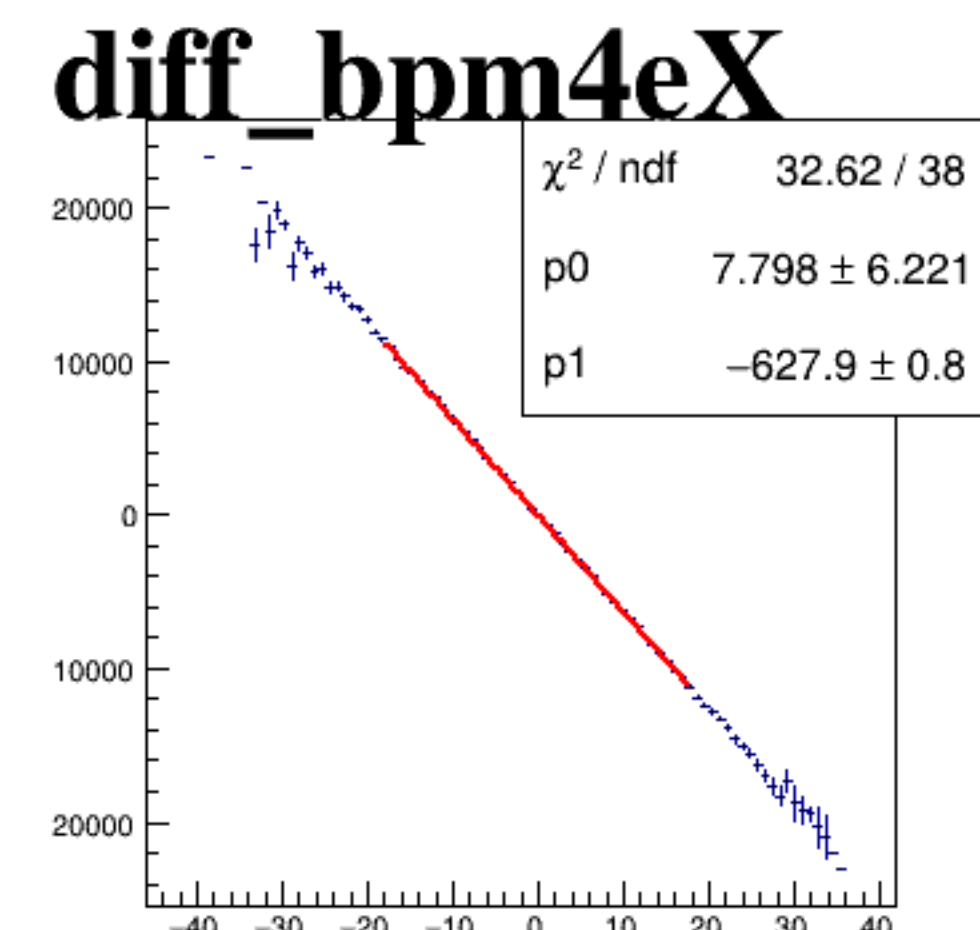
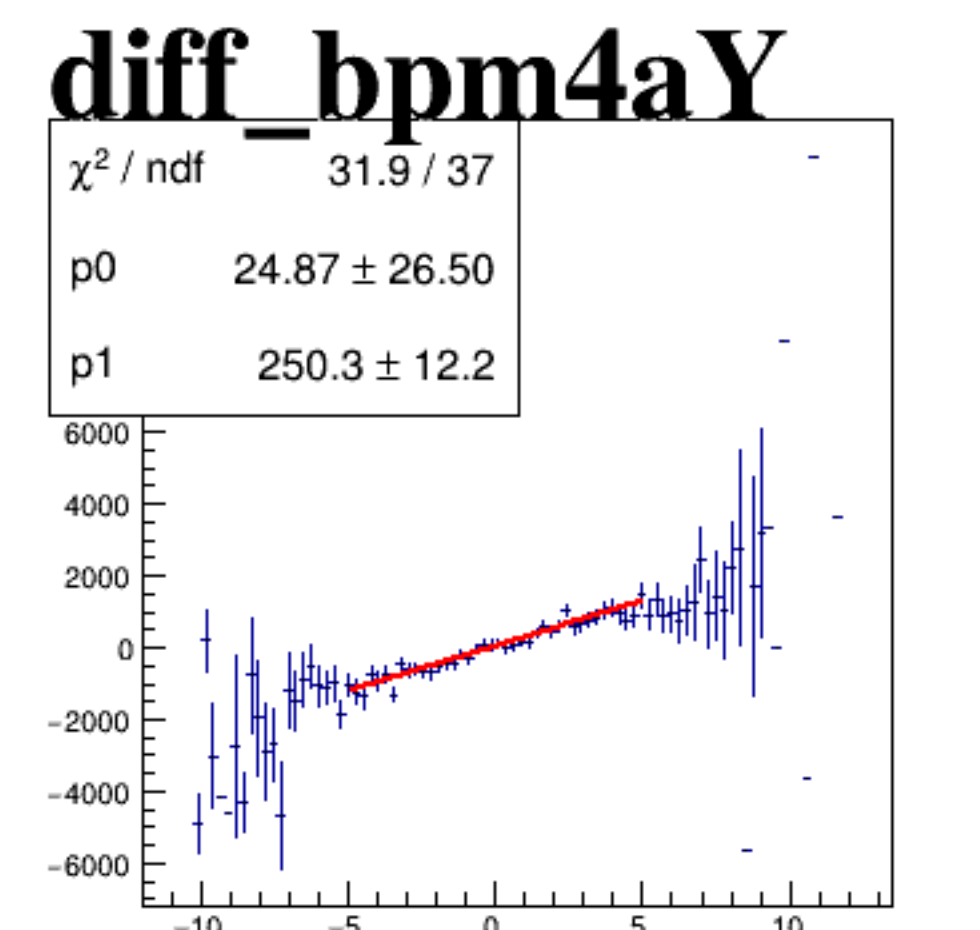
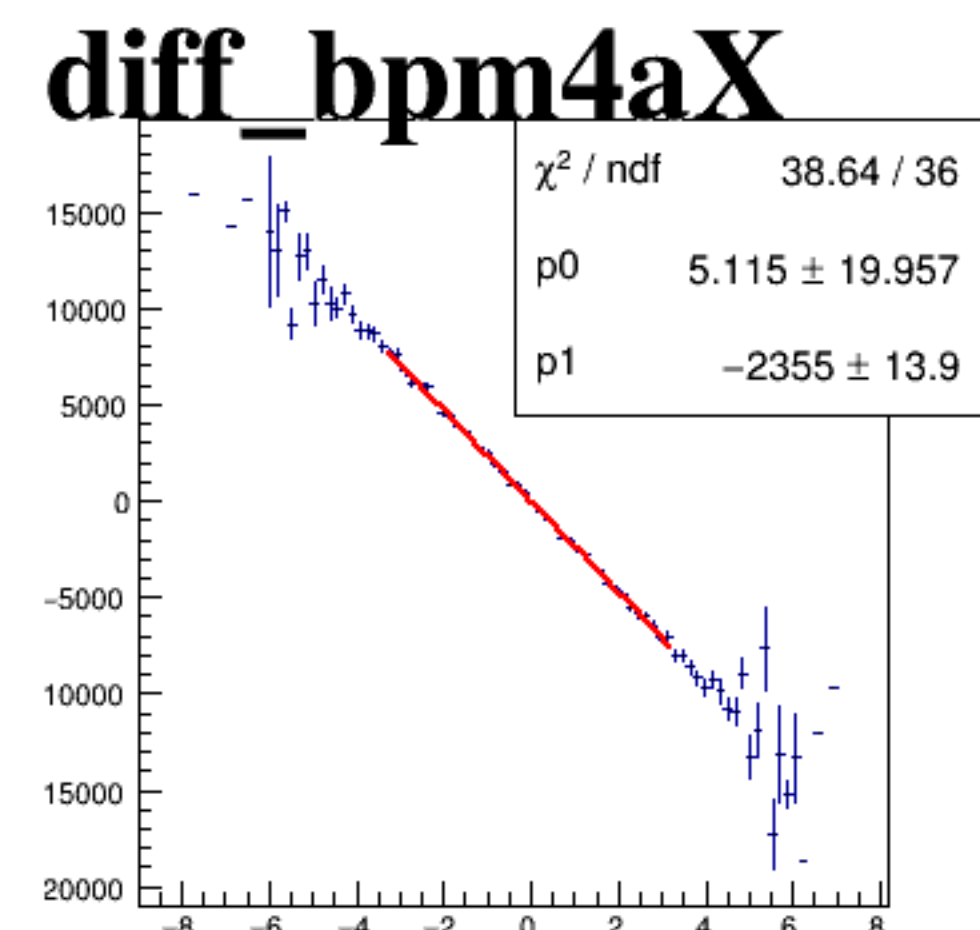
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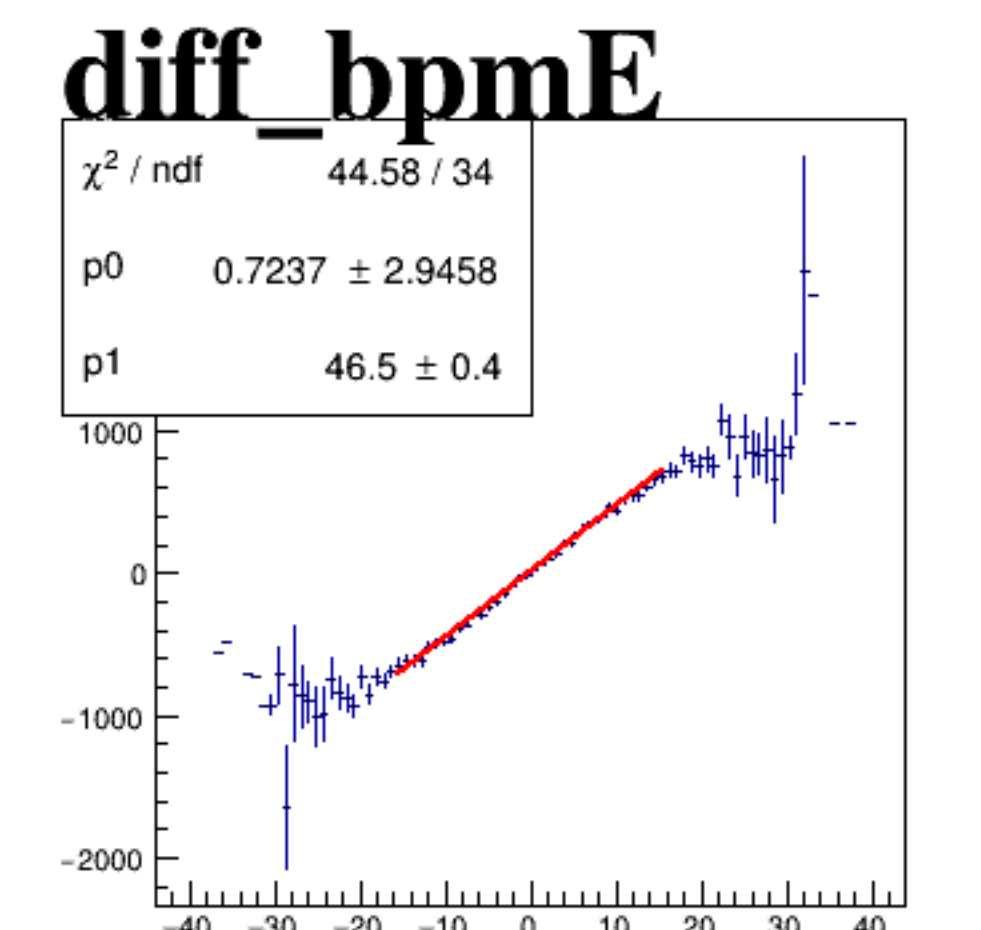
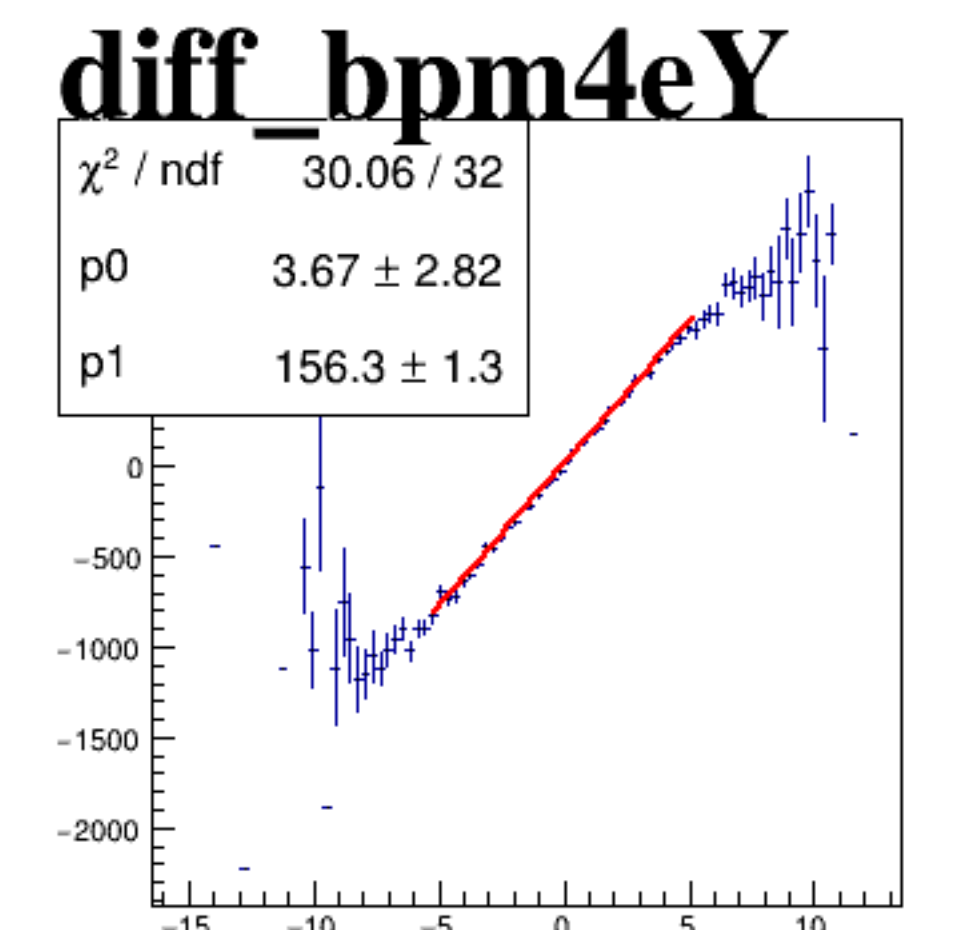
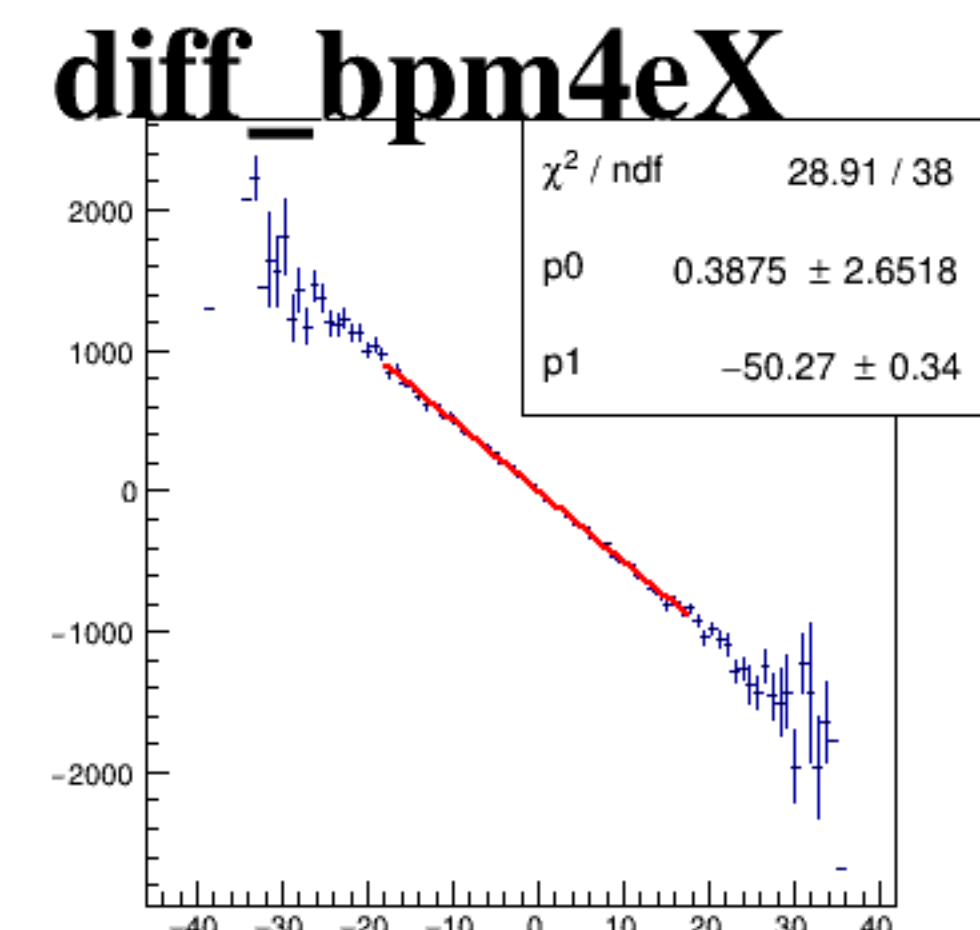
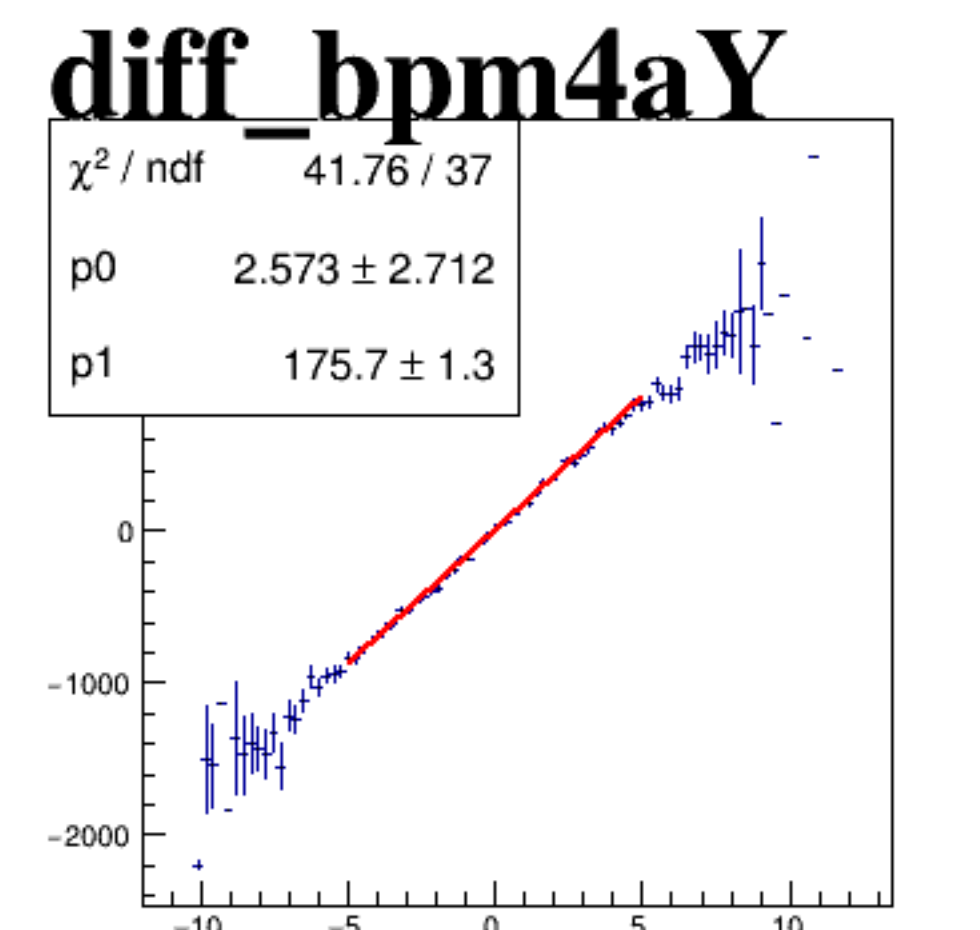
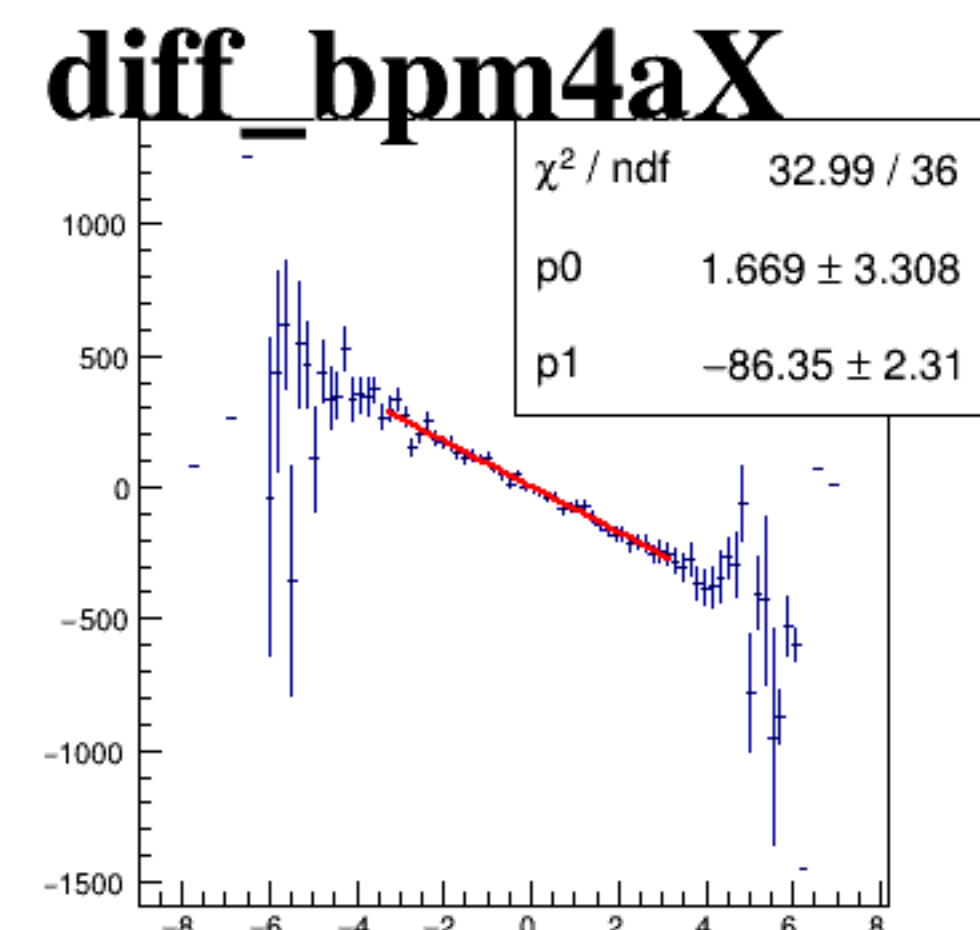
asym_sam1



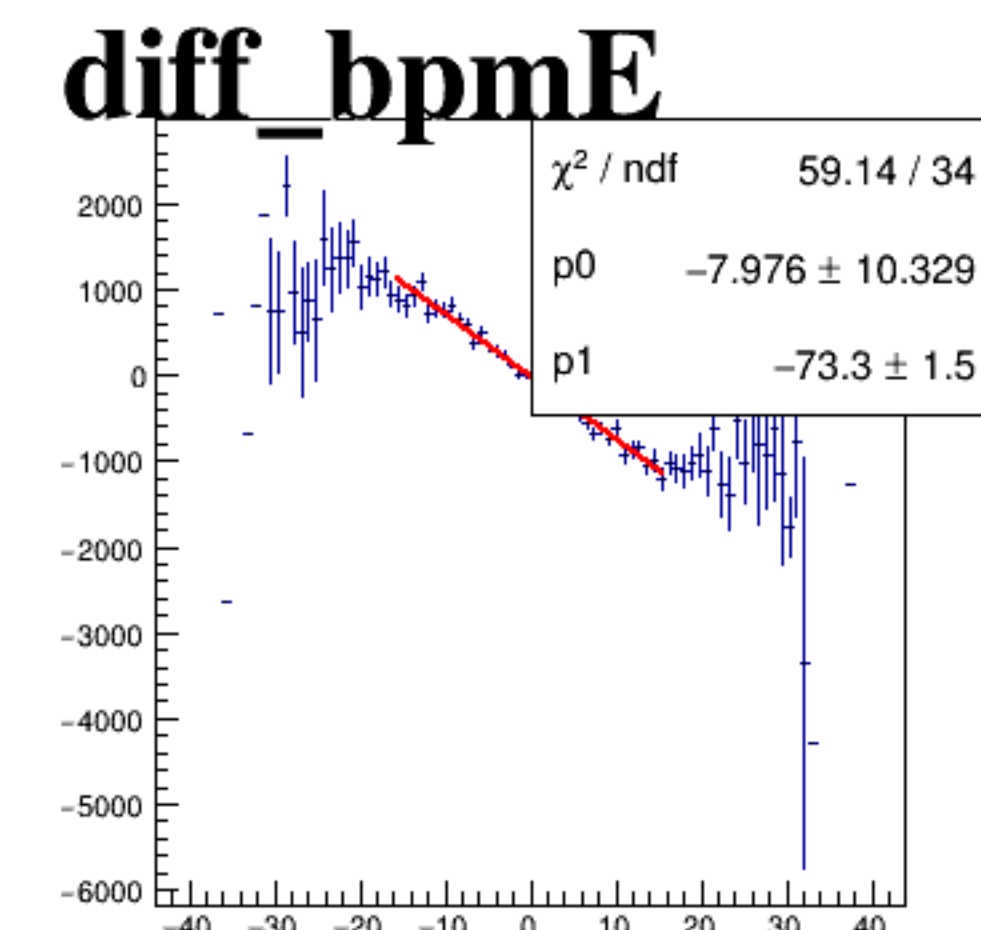
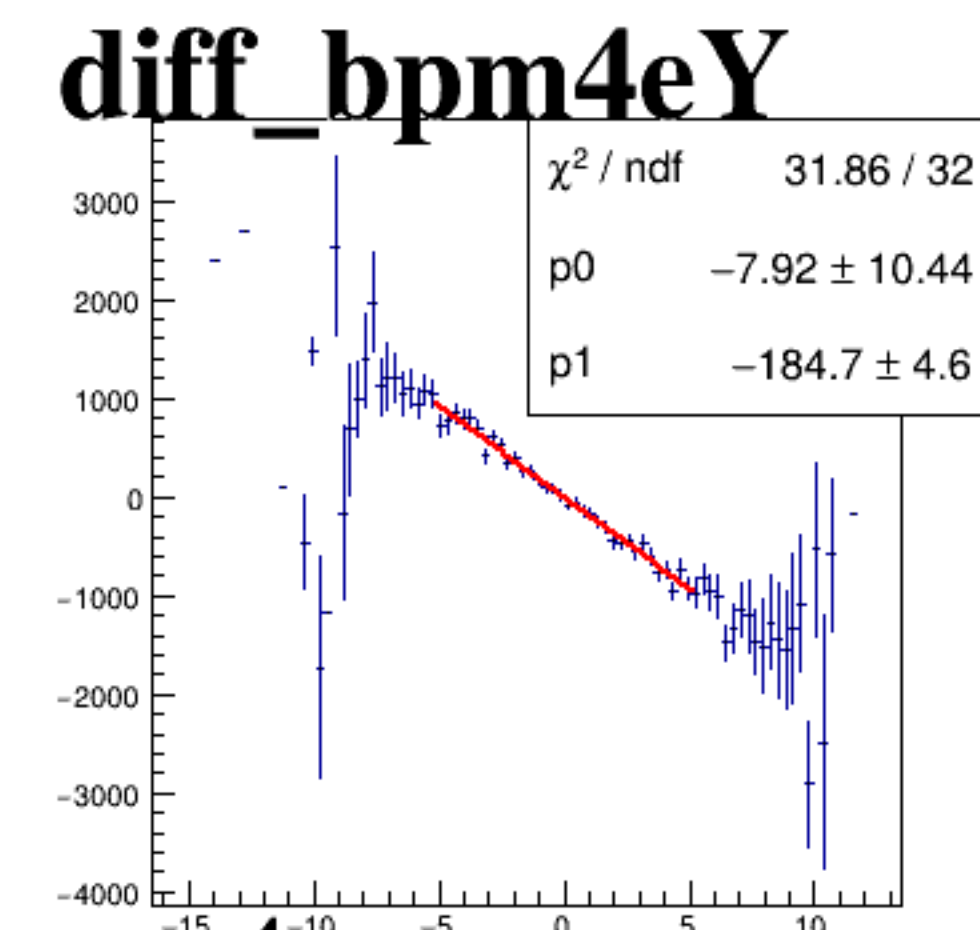
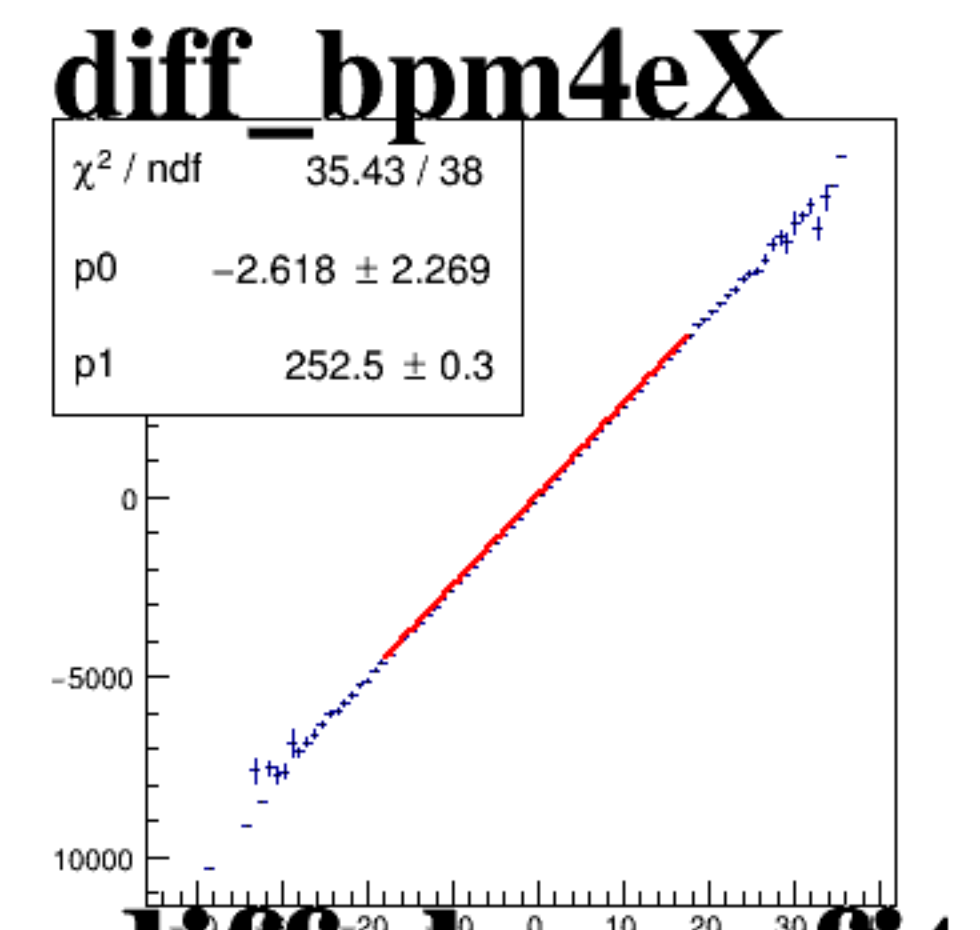
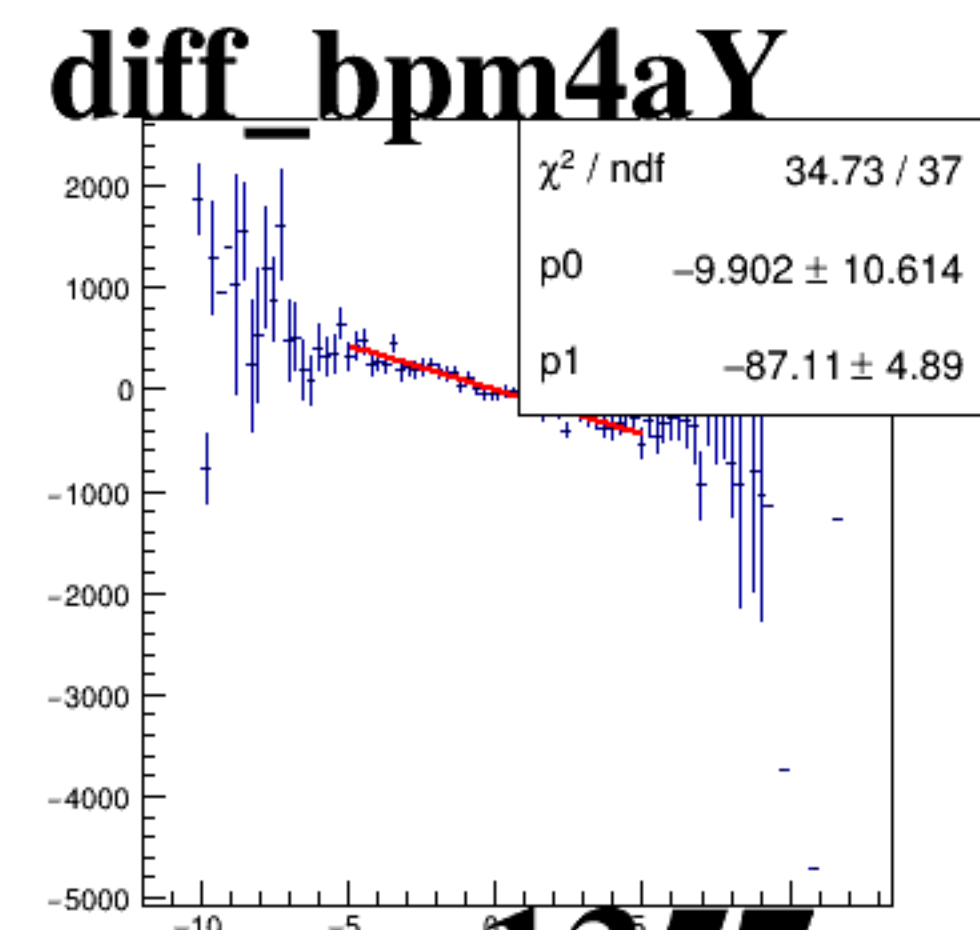
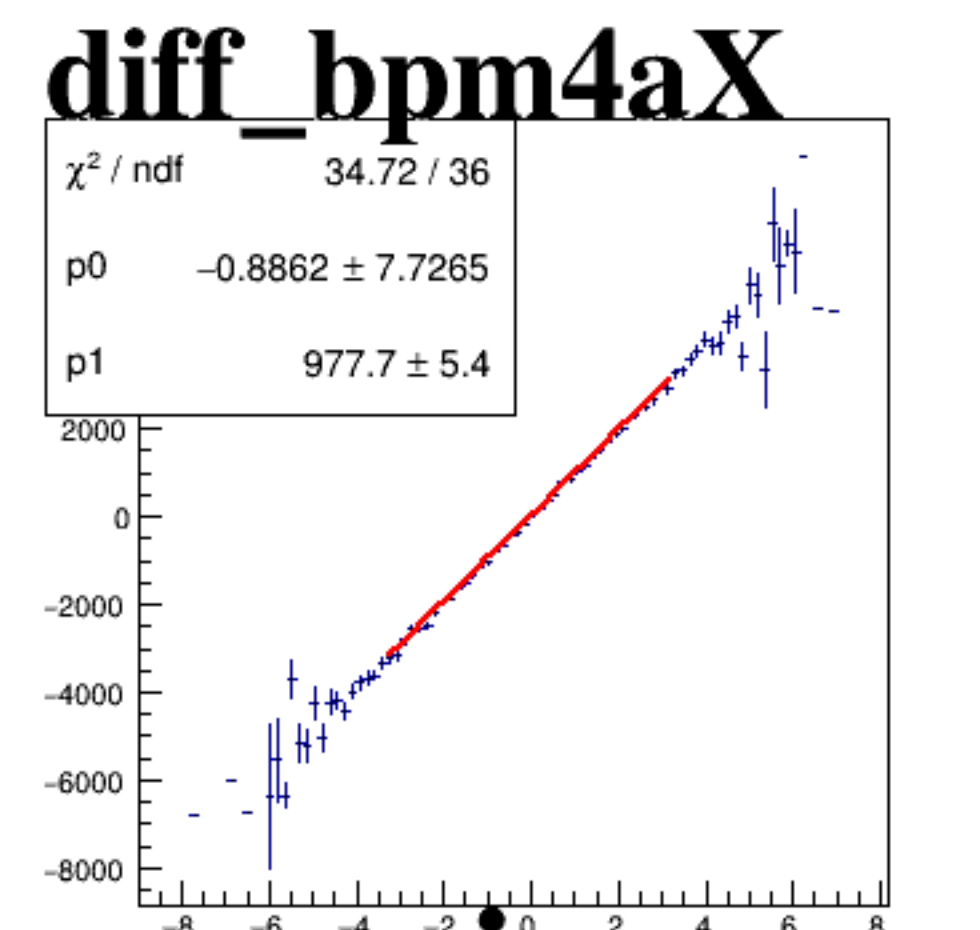
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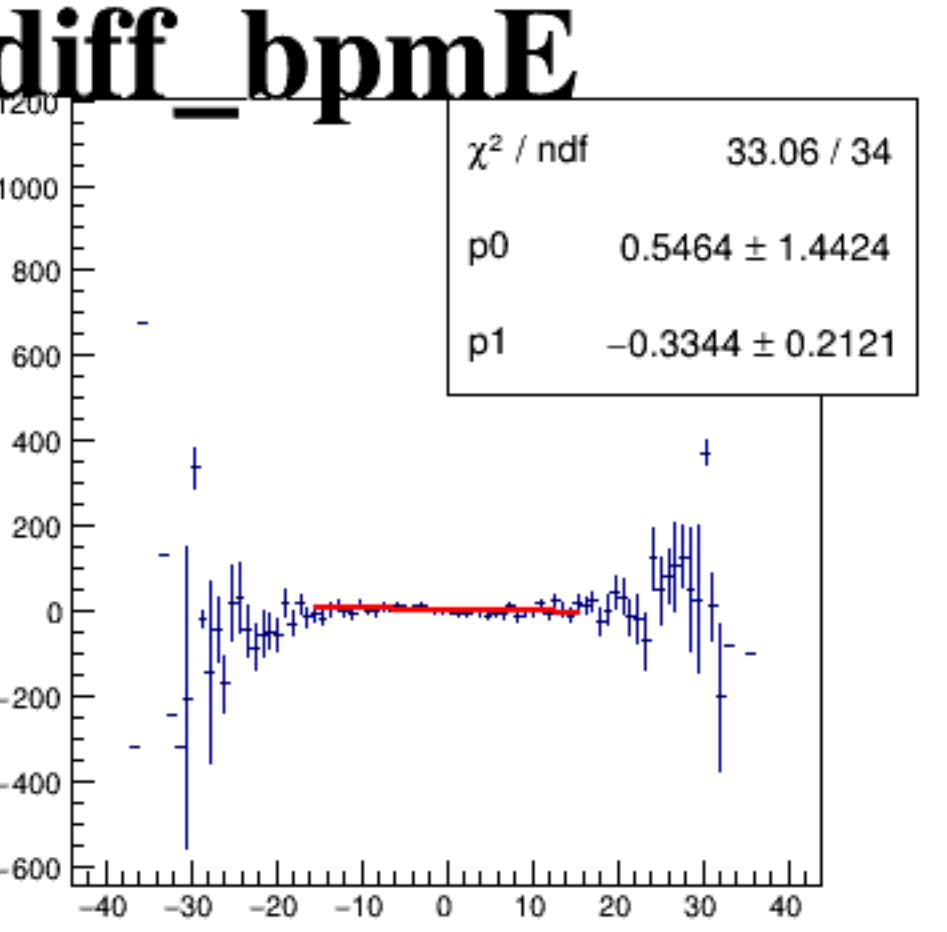
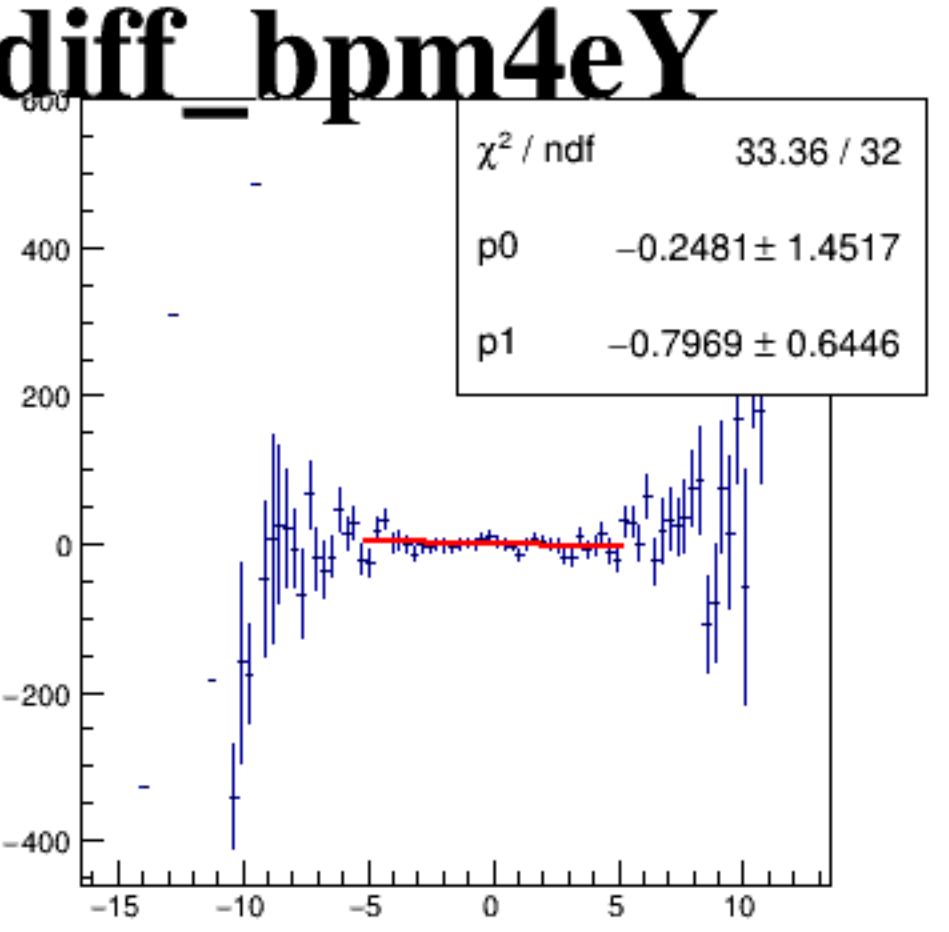
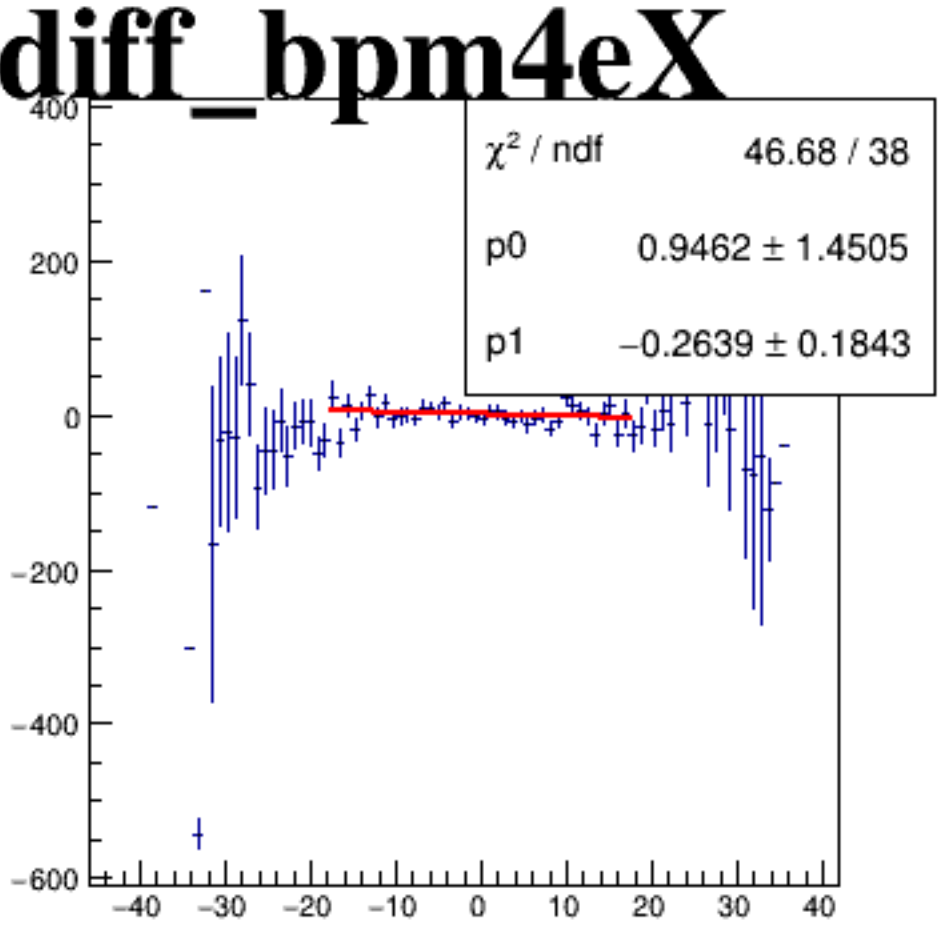
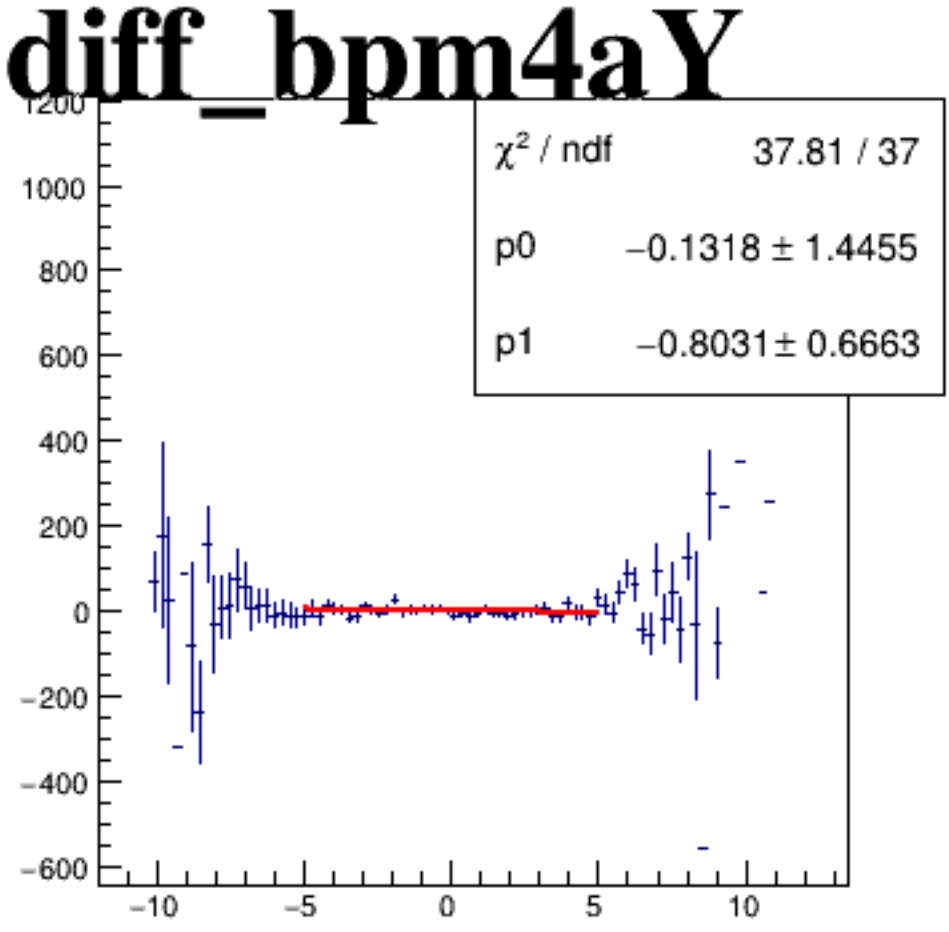
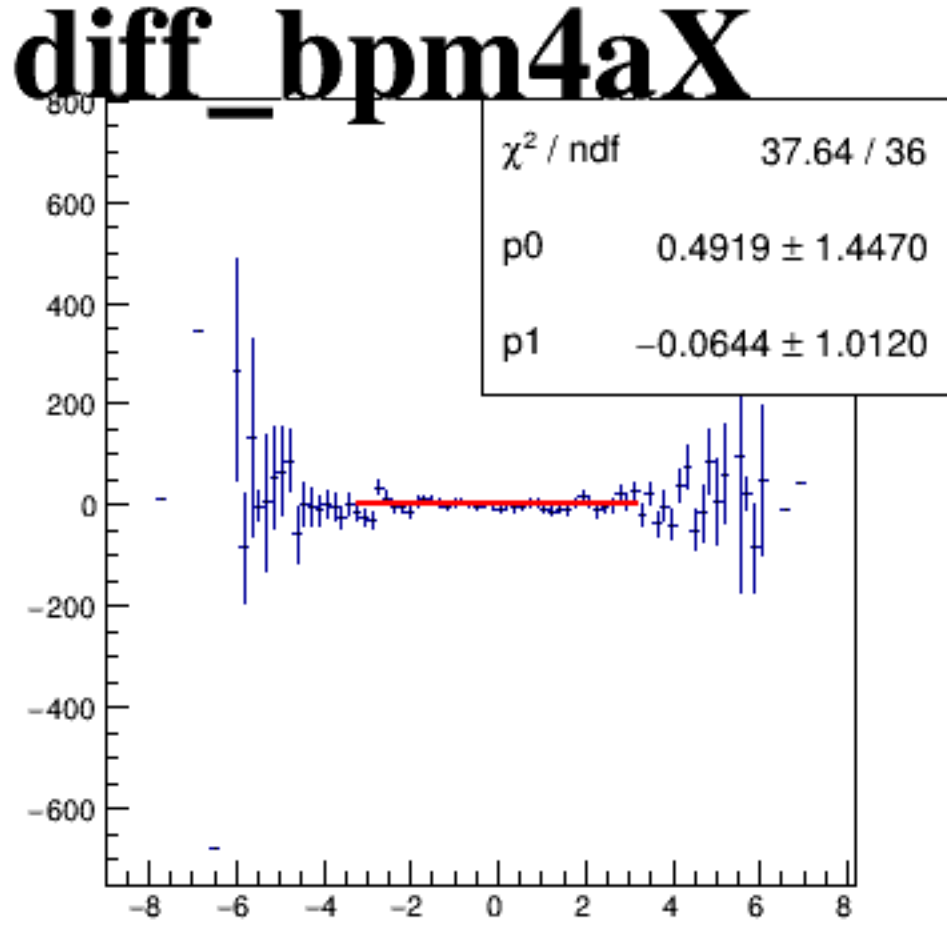
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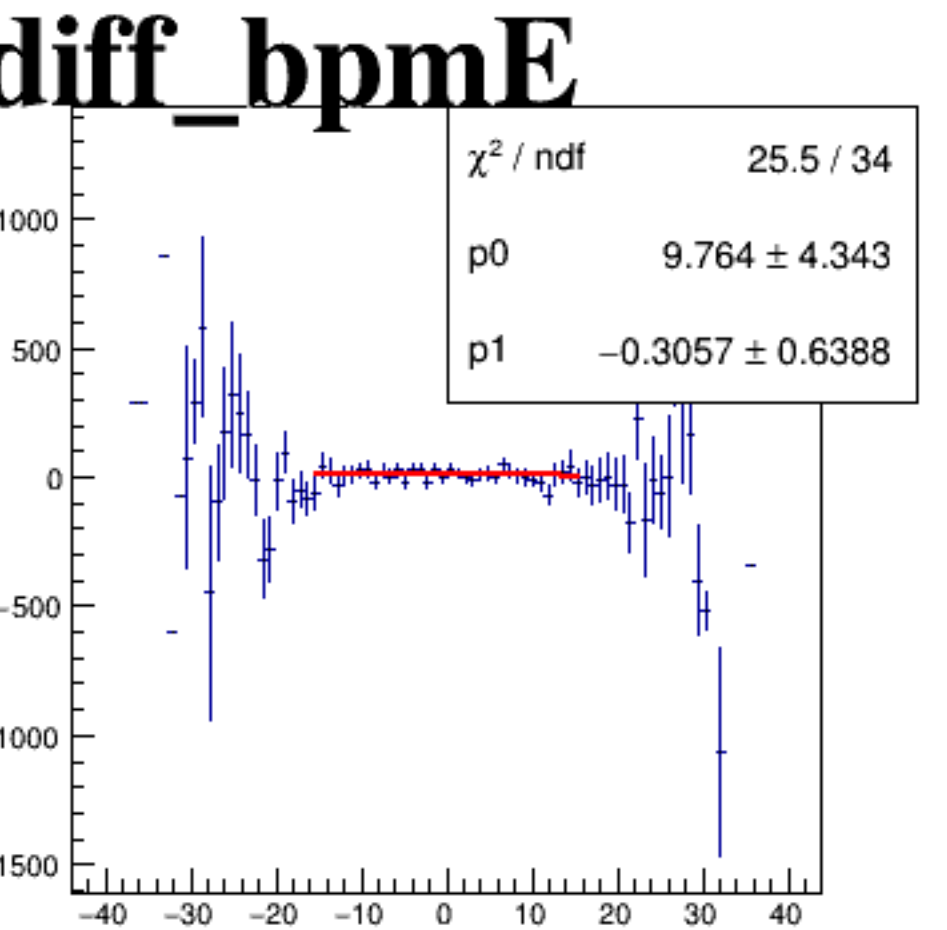
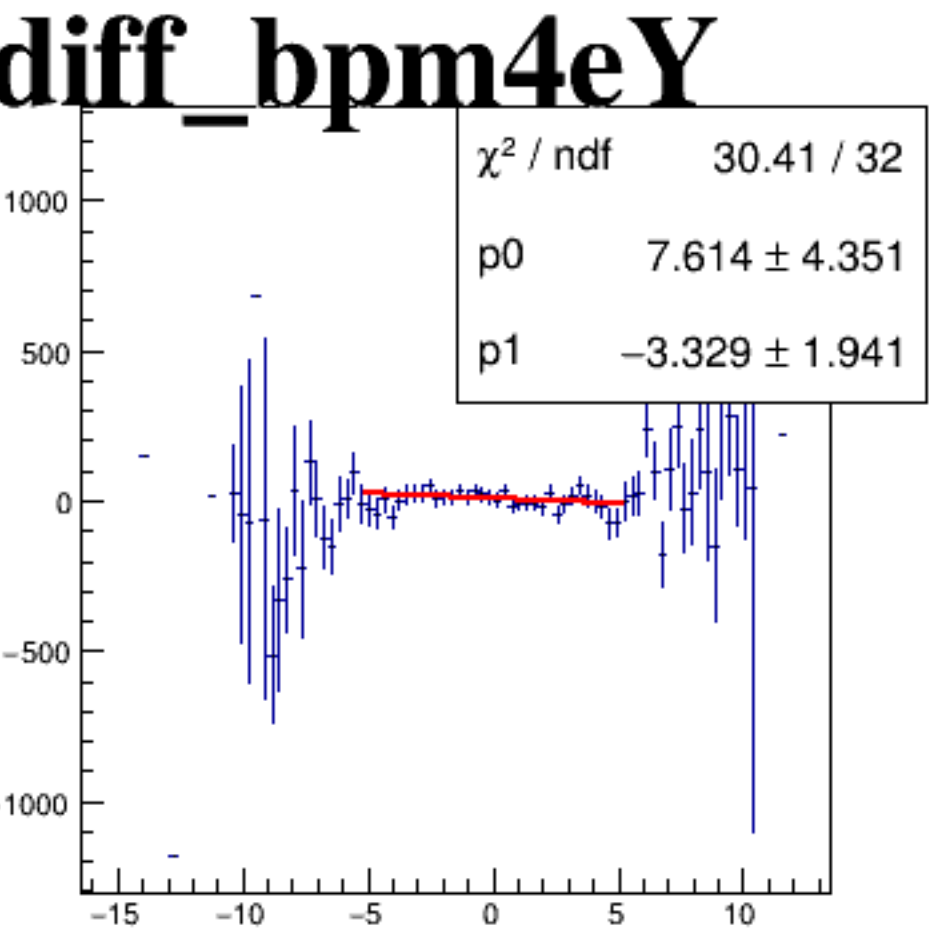
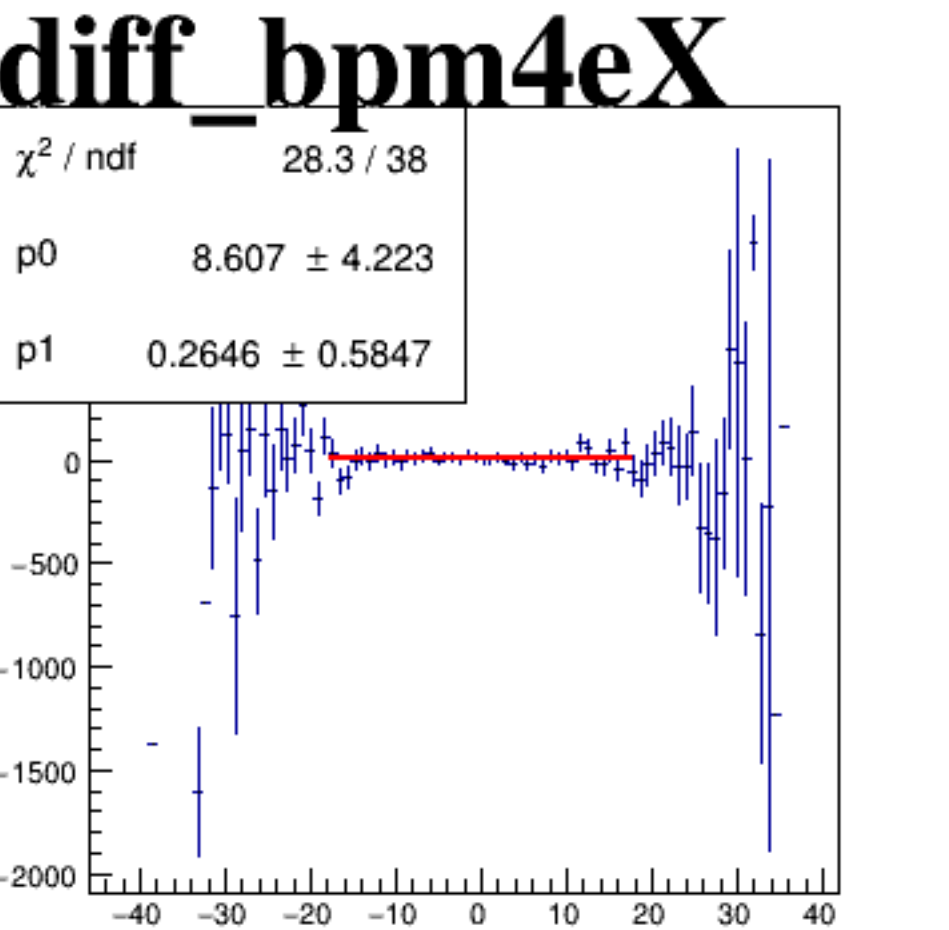
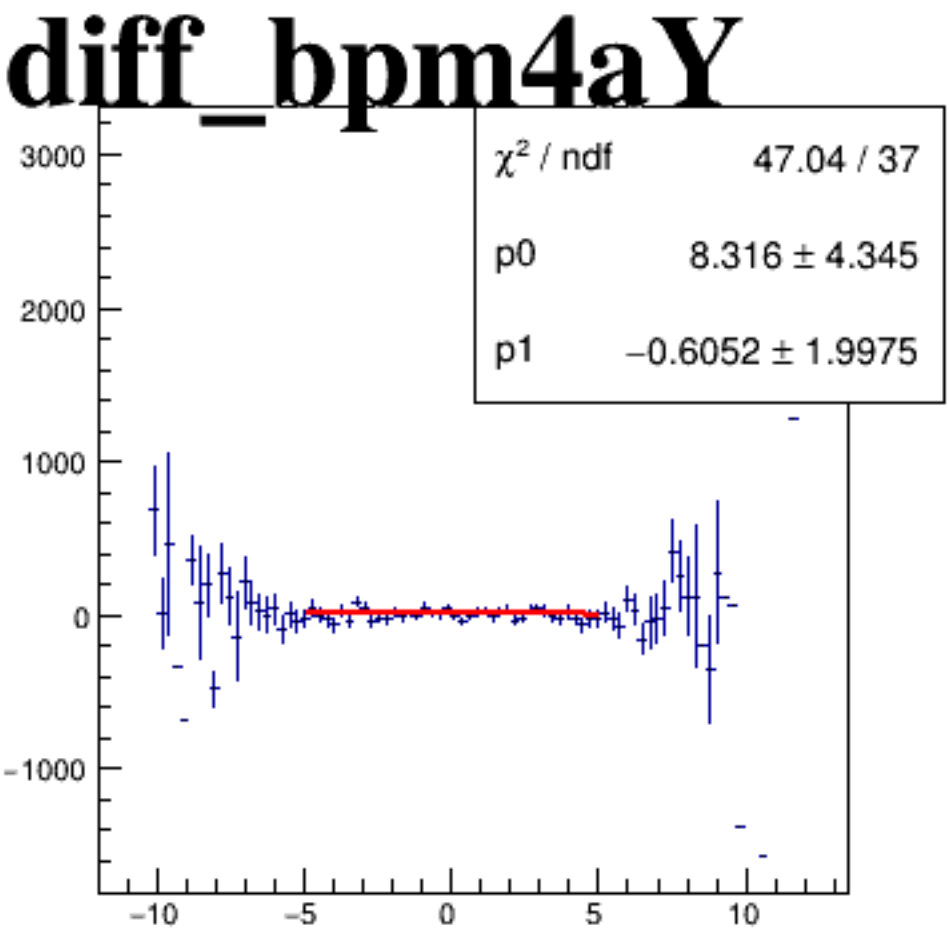
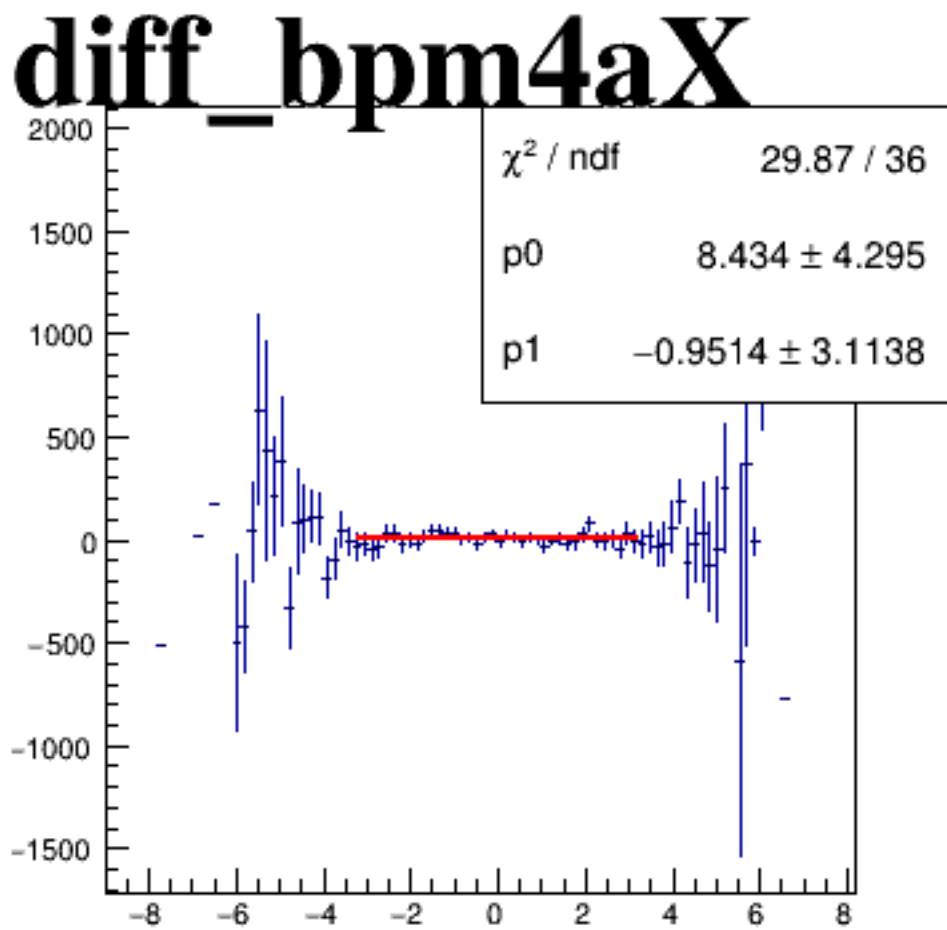
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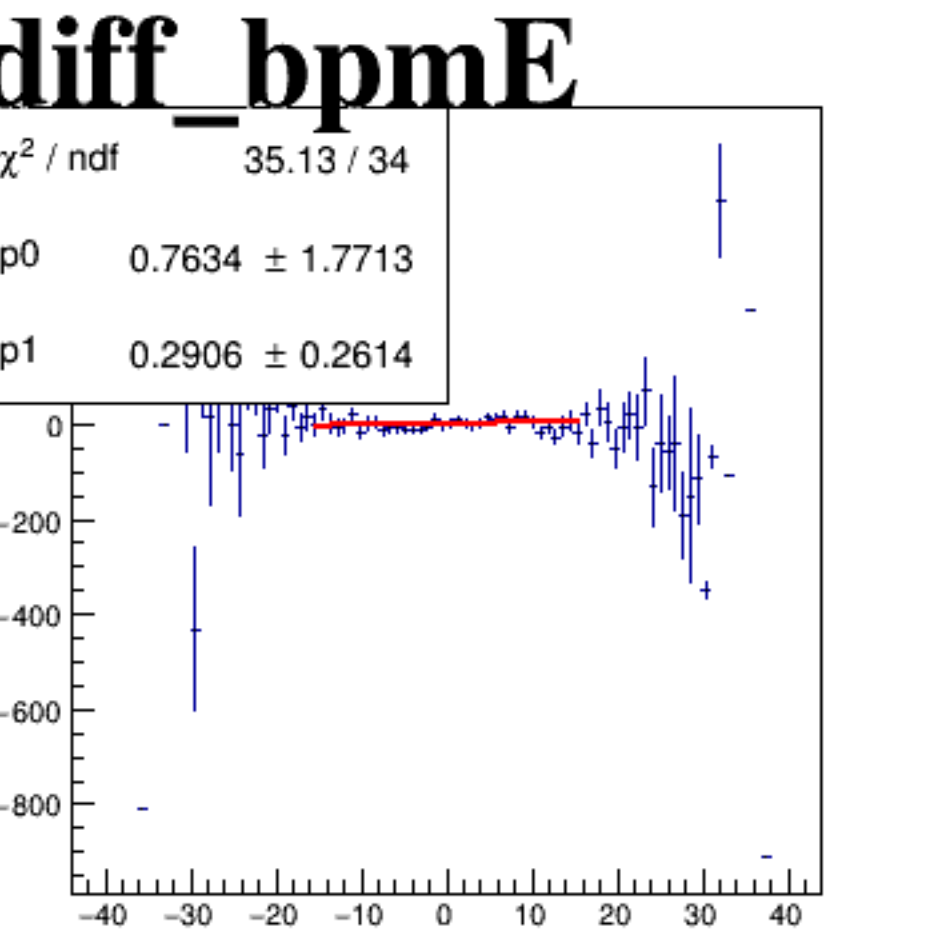
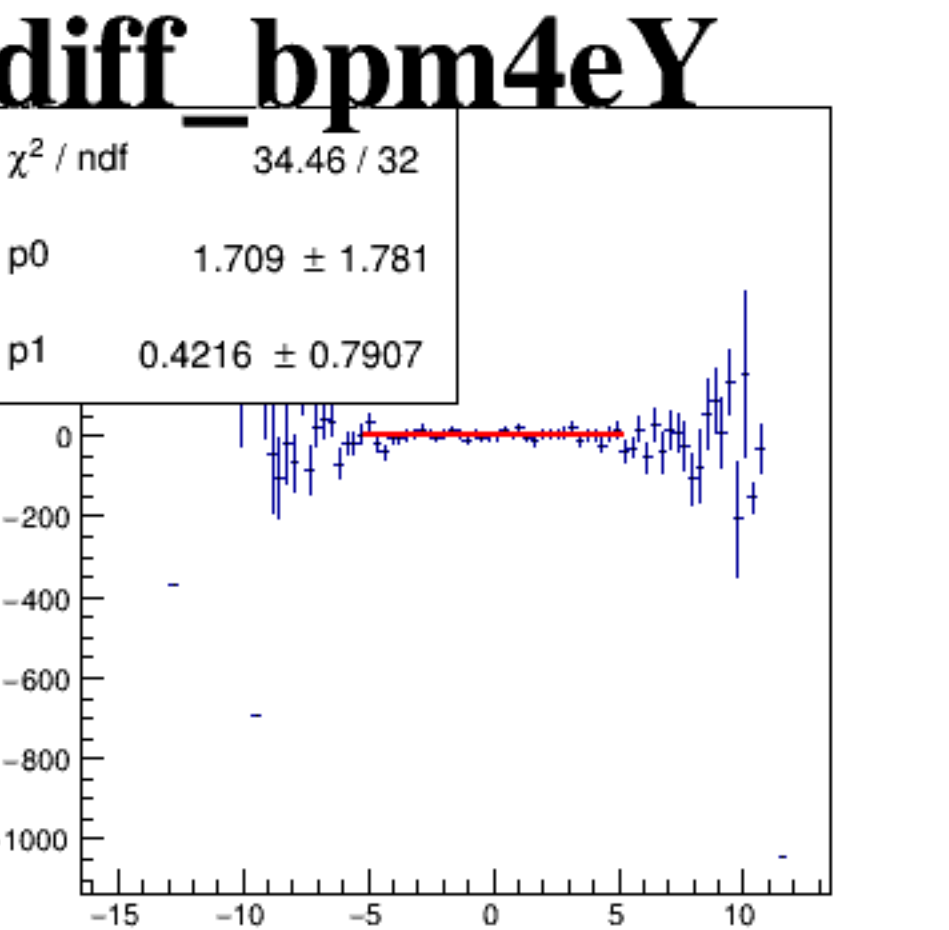
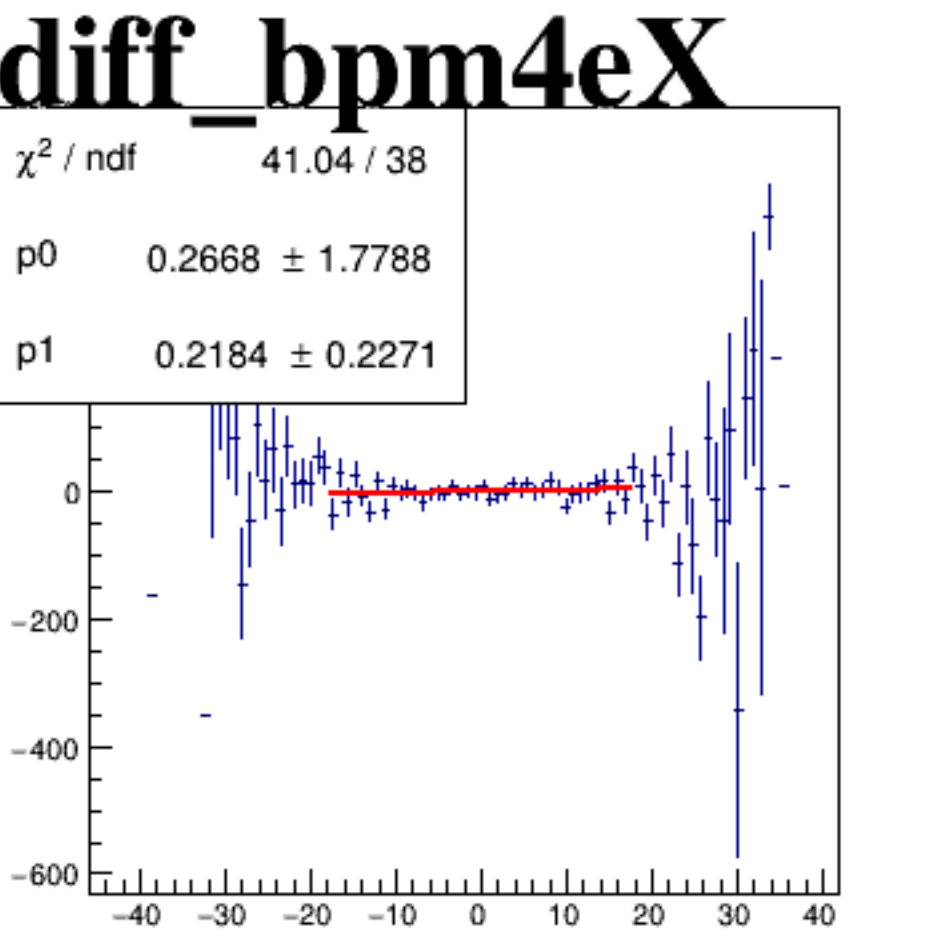
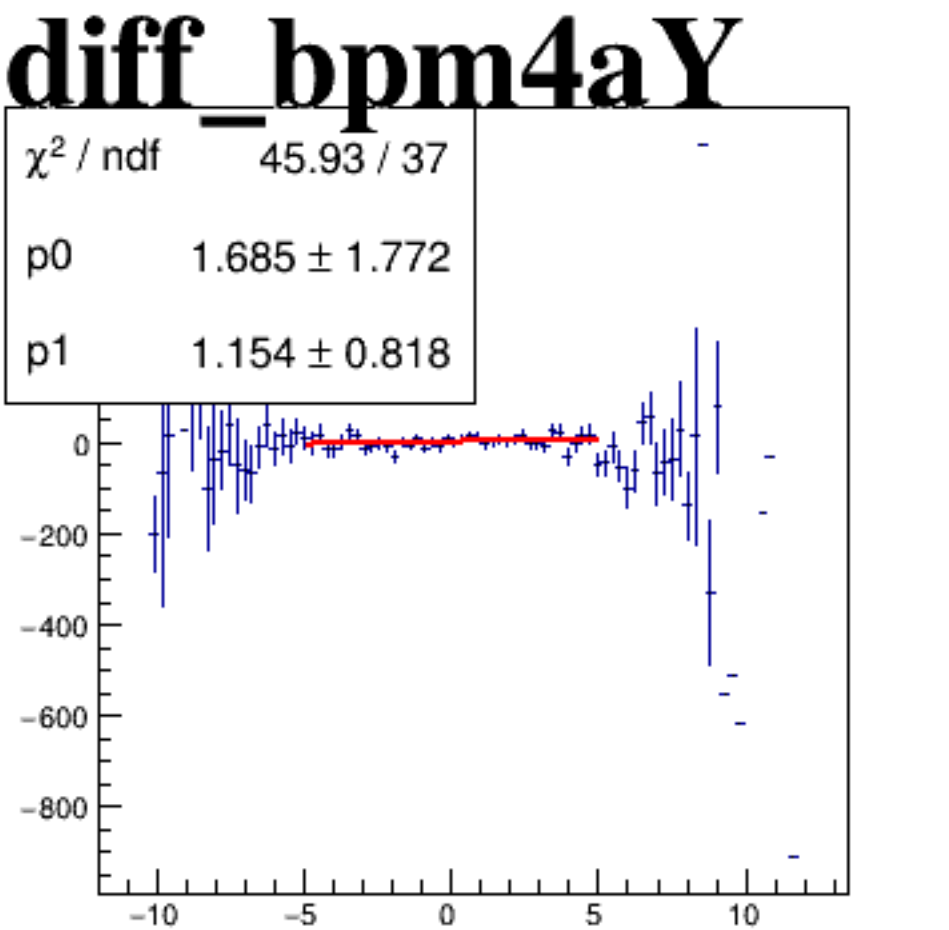
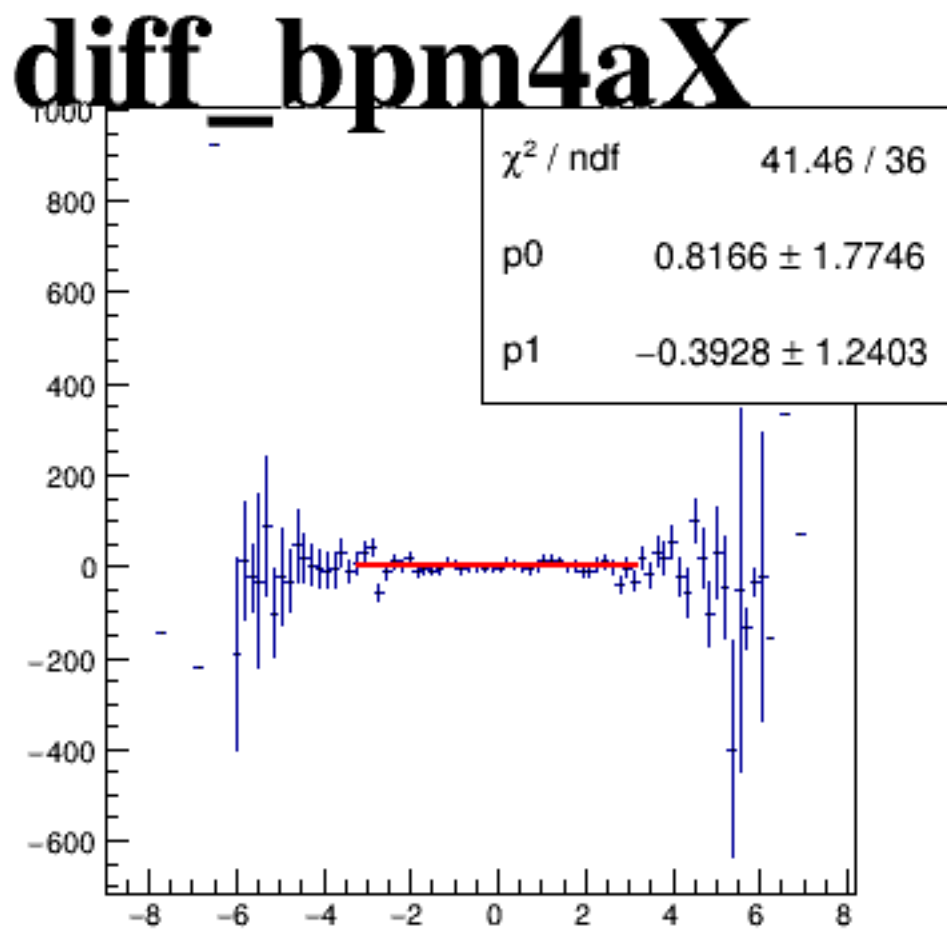
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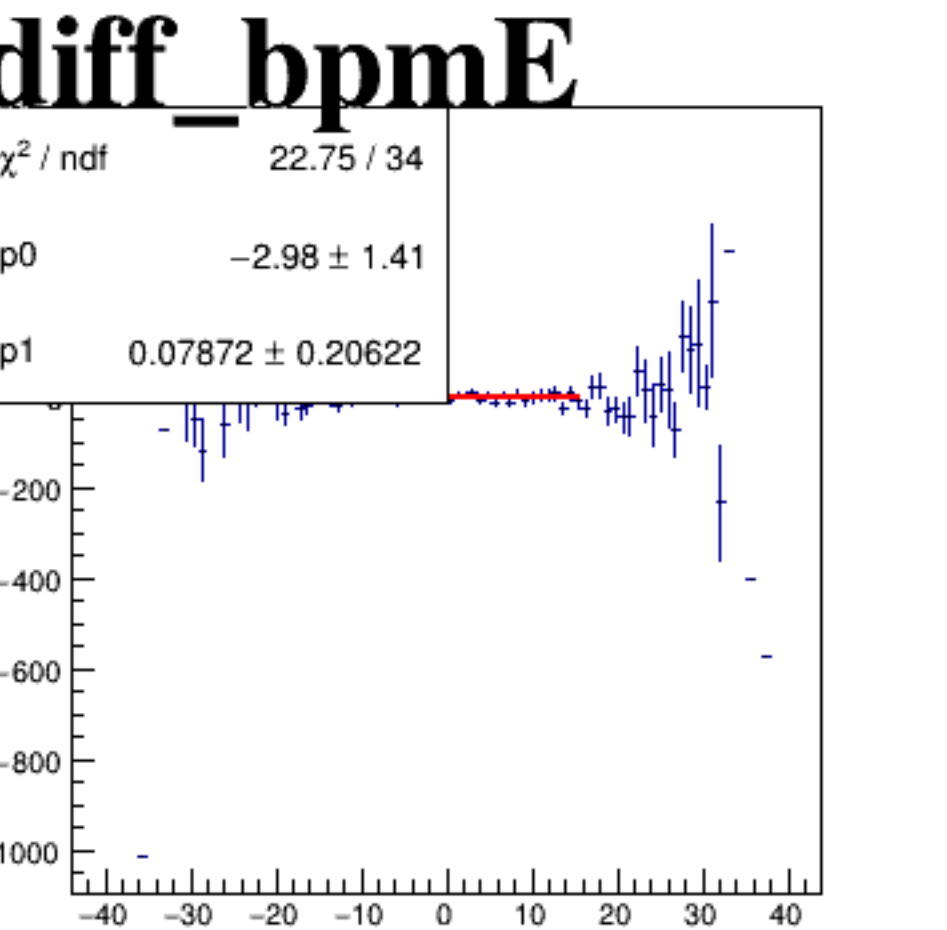
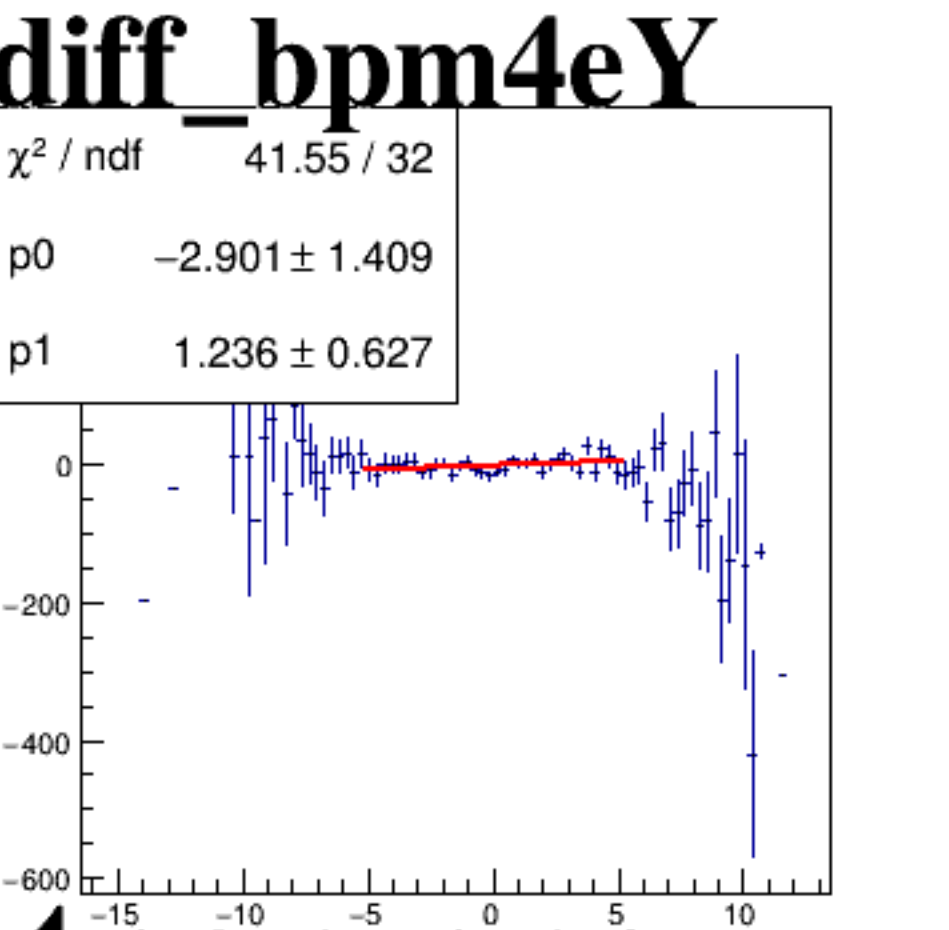
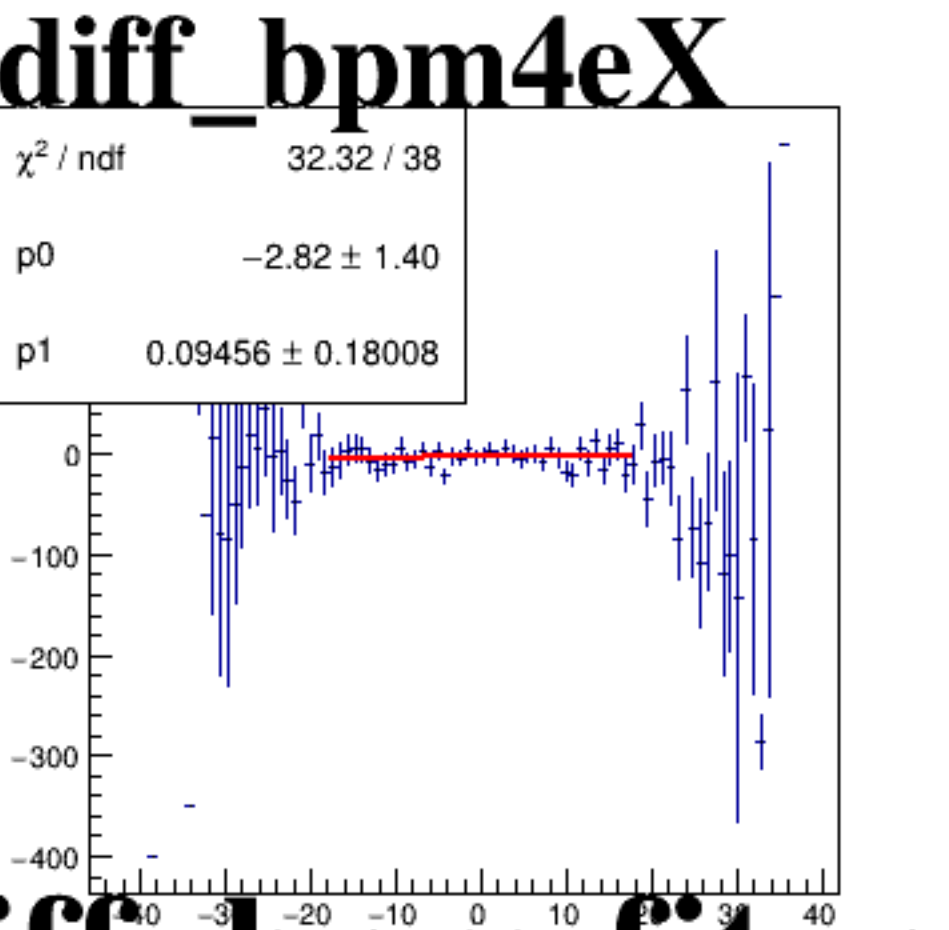
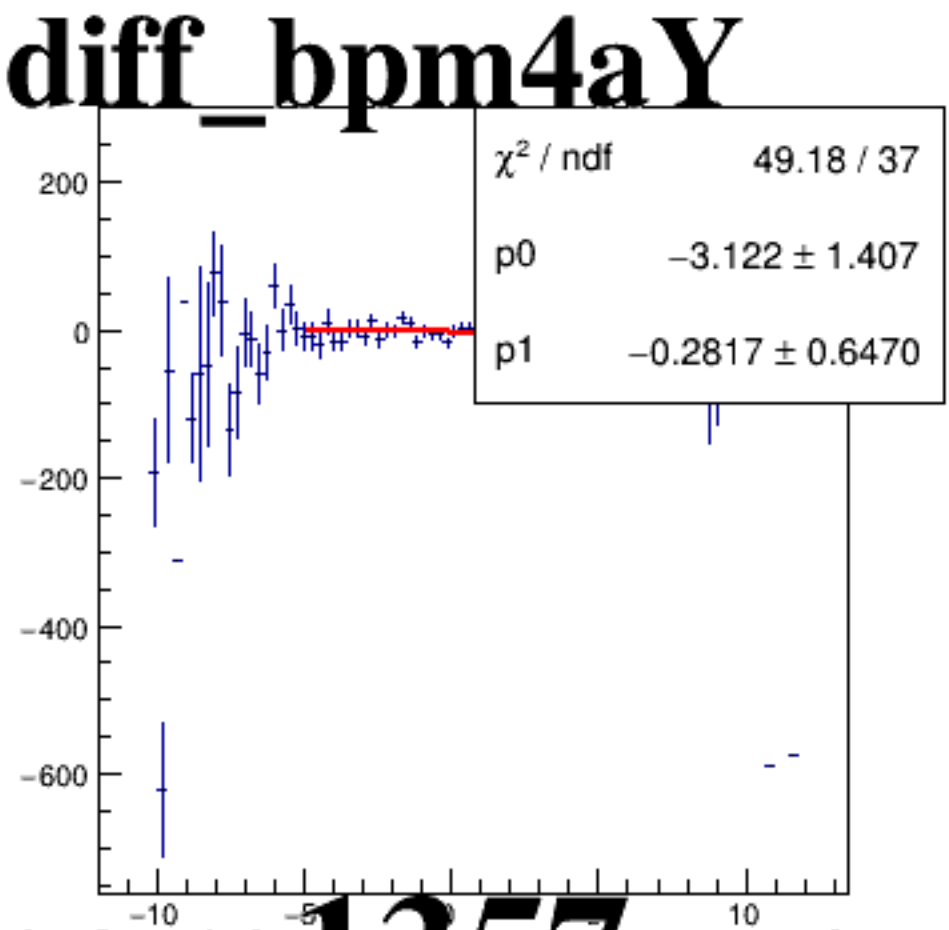
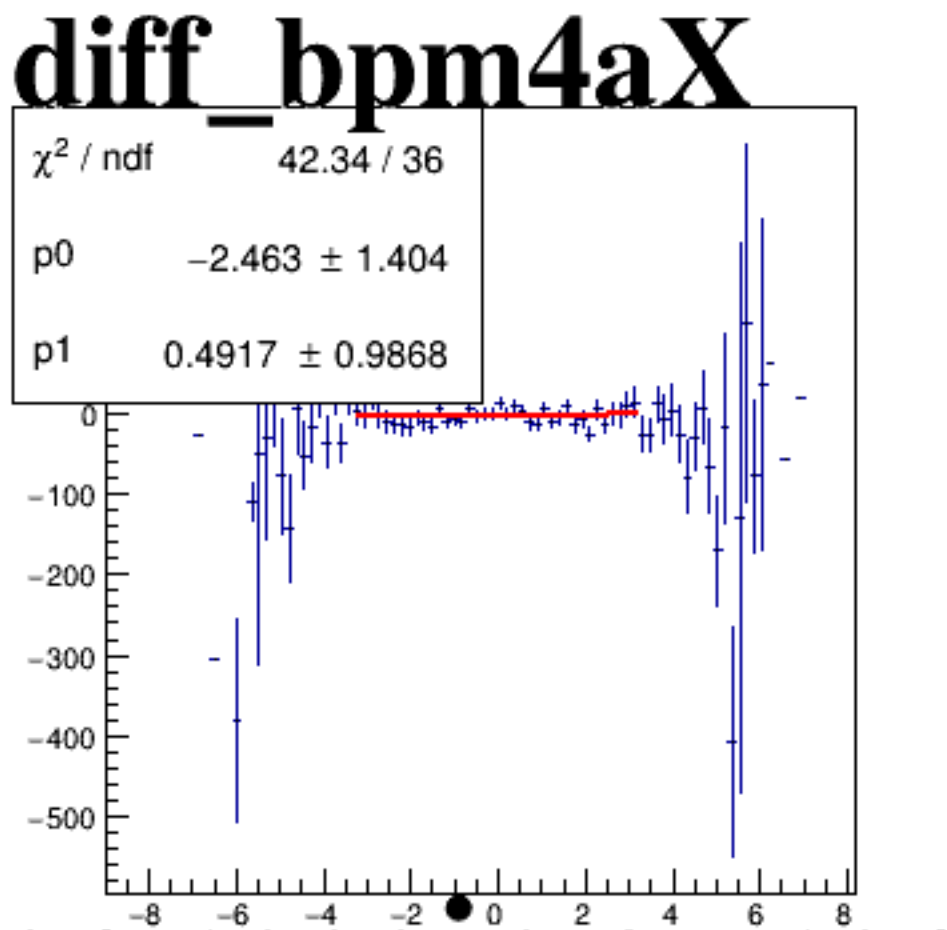
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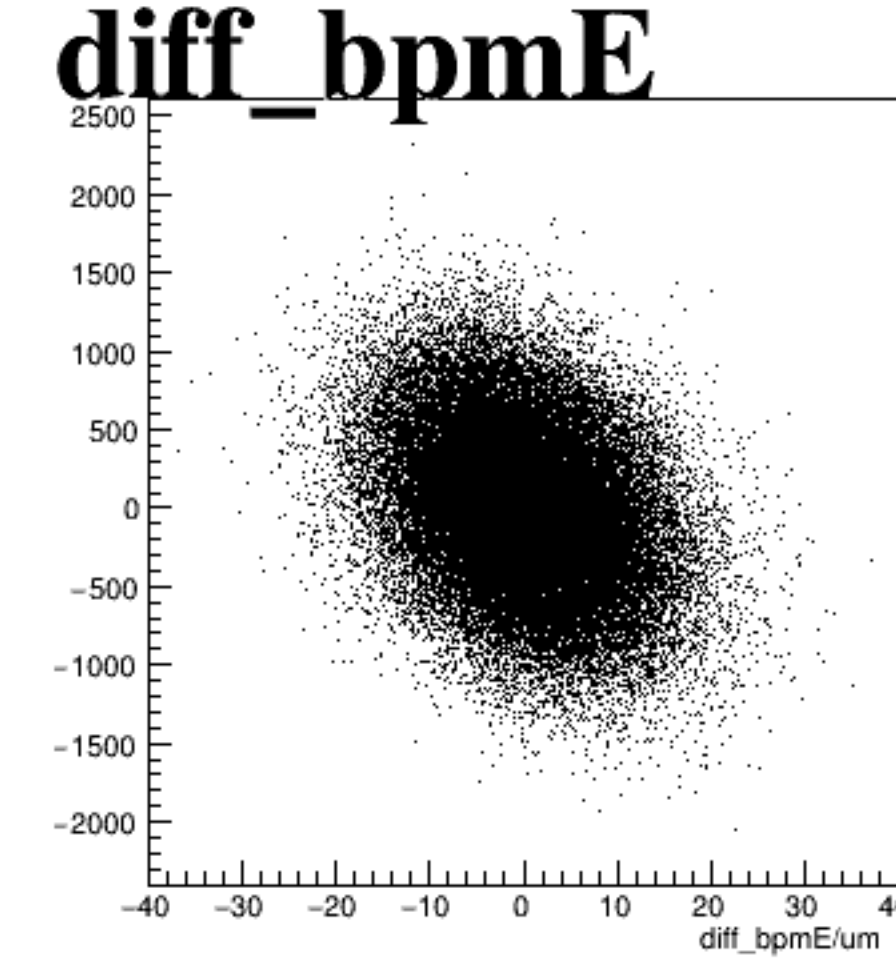
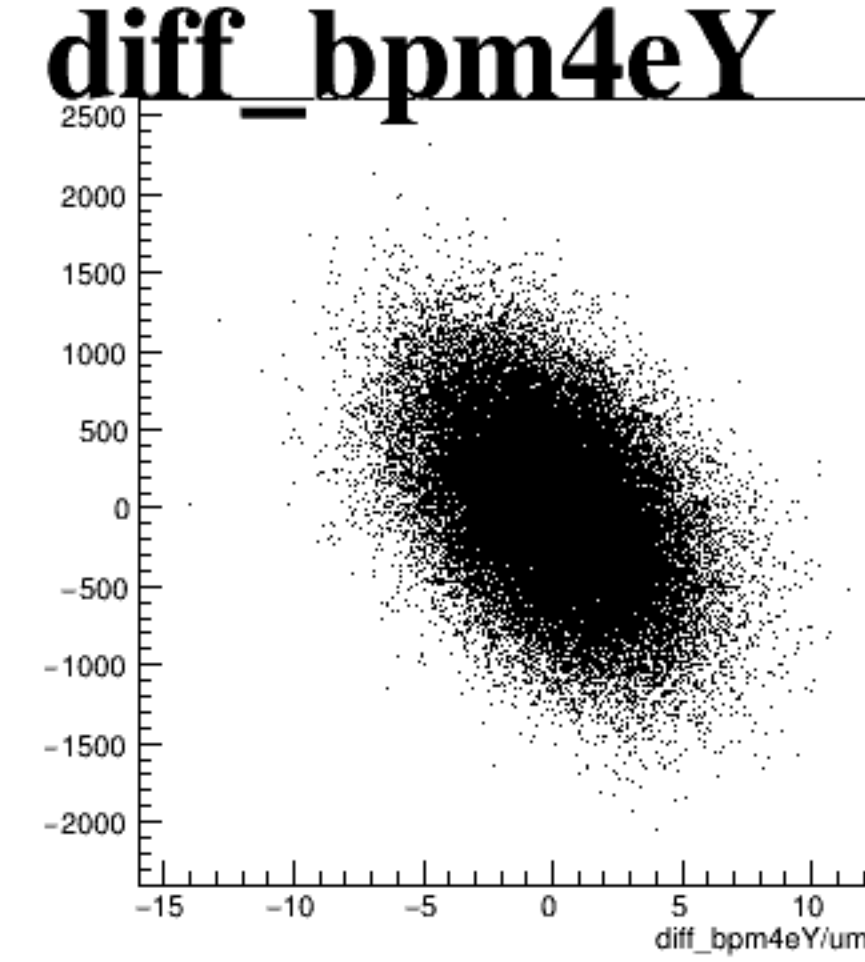
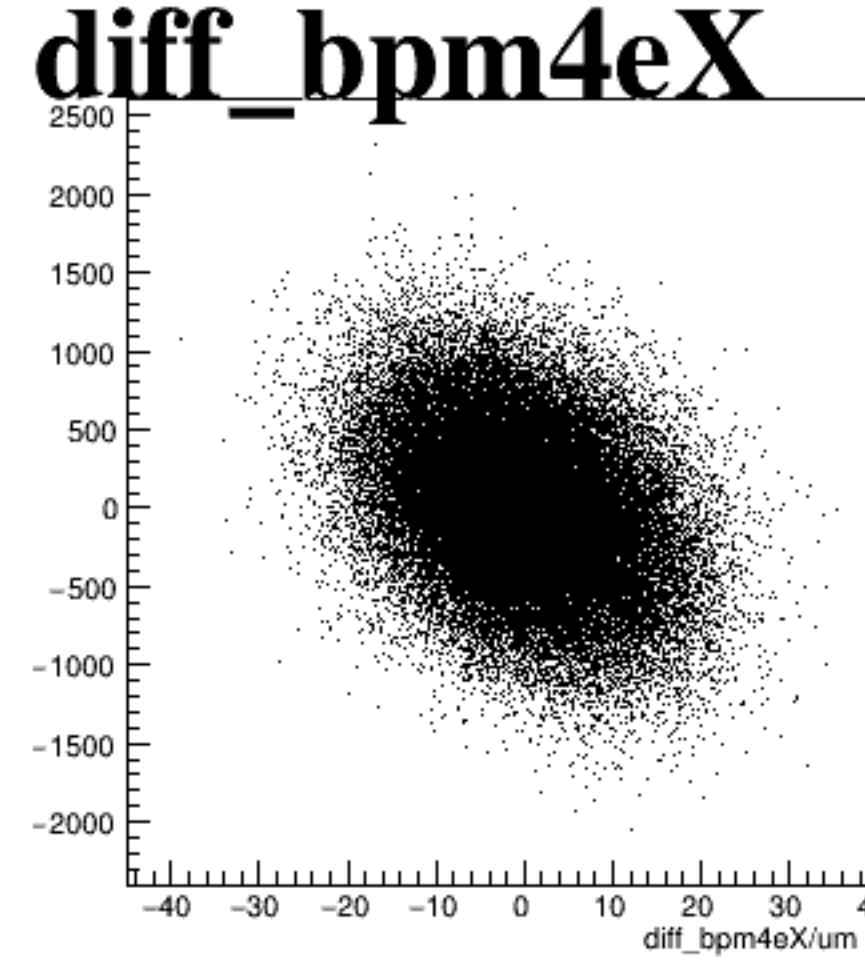
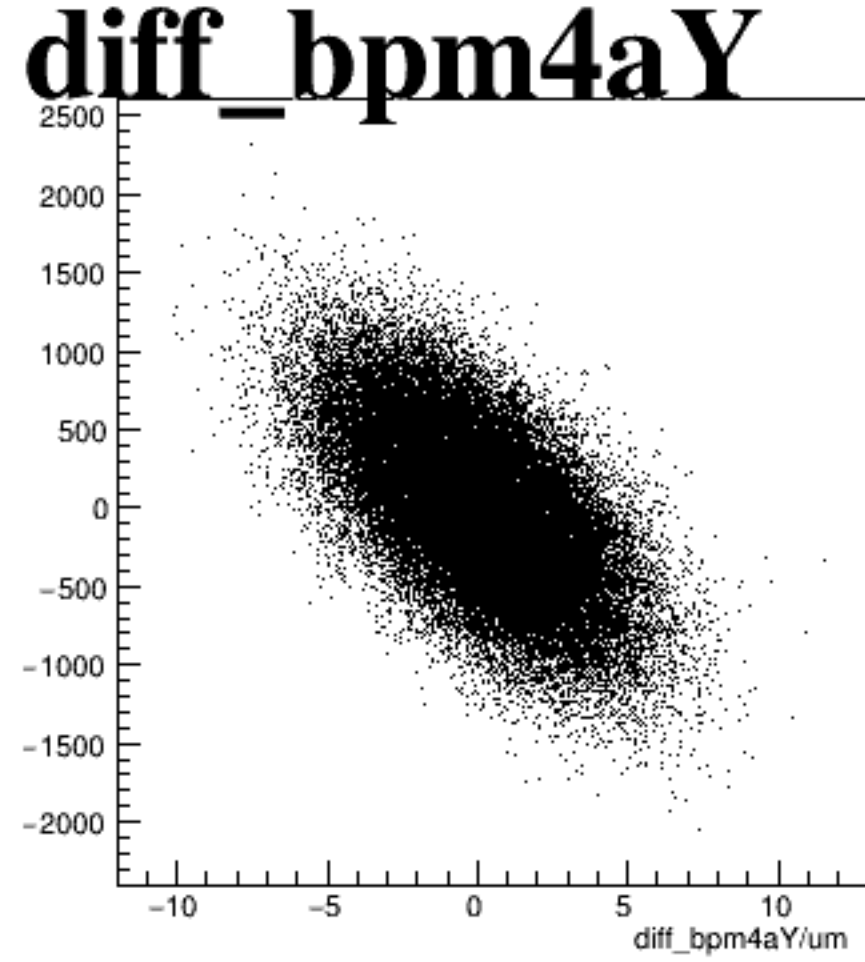
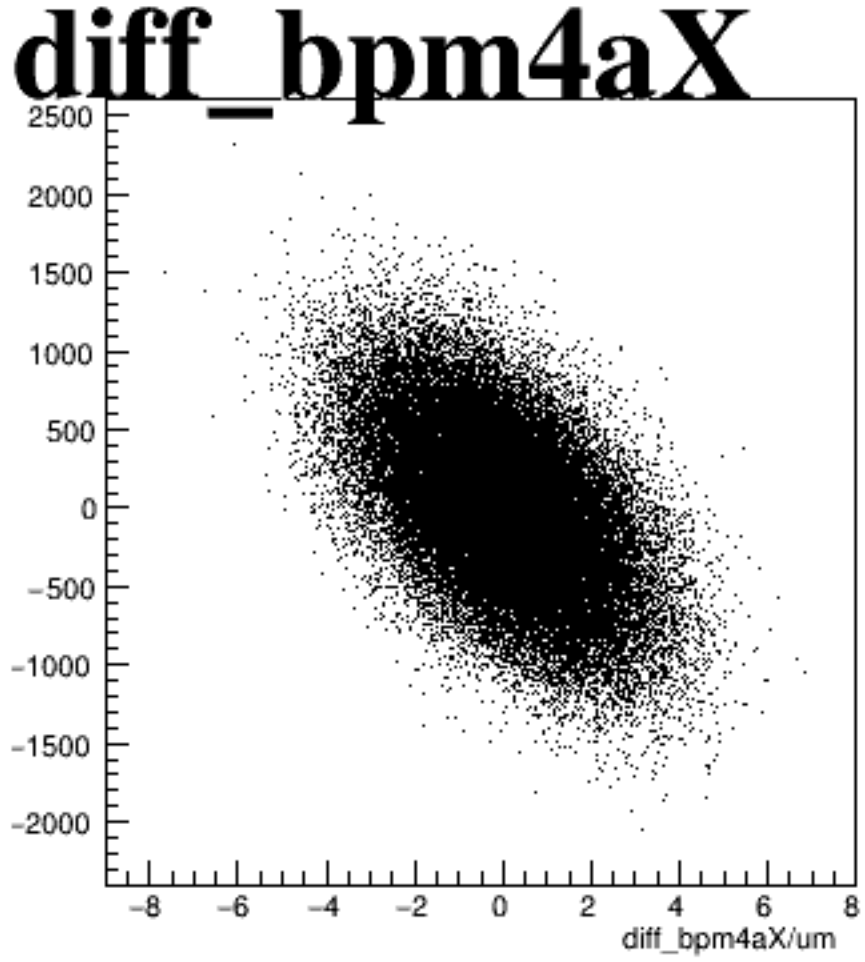
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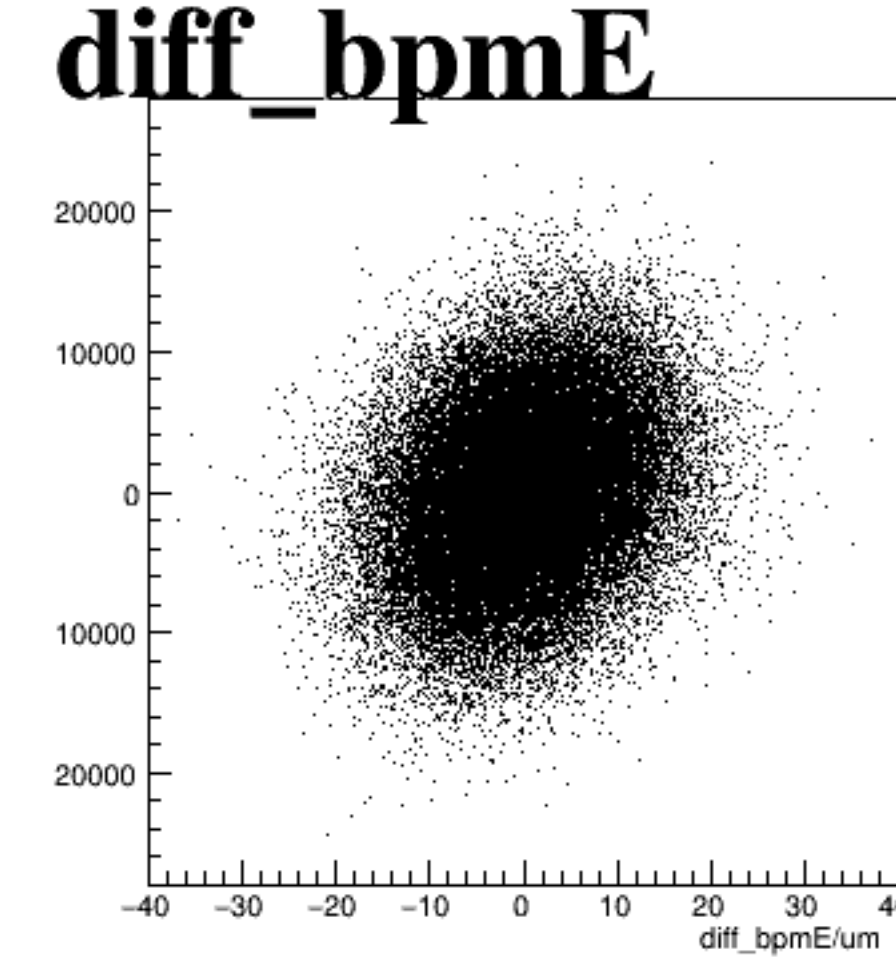
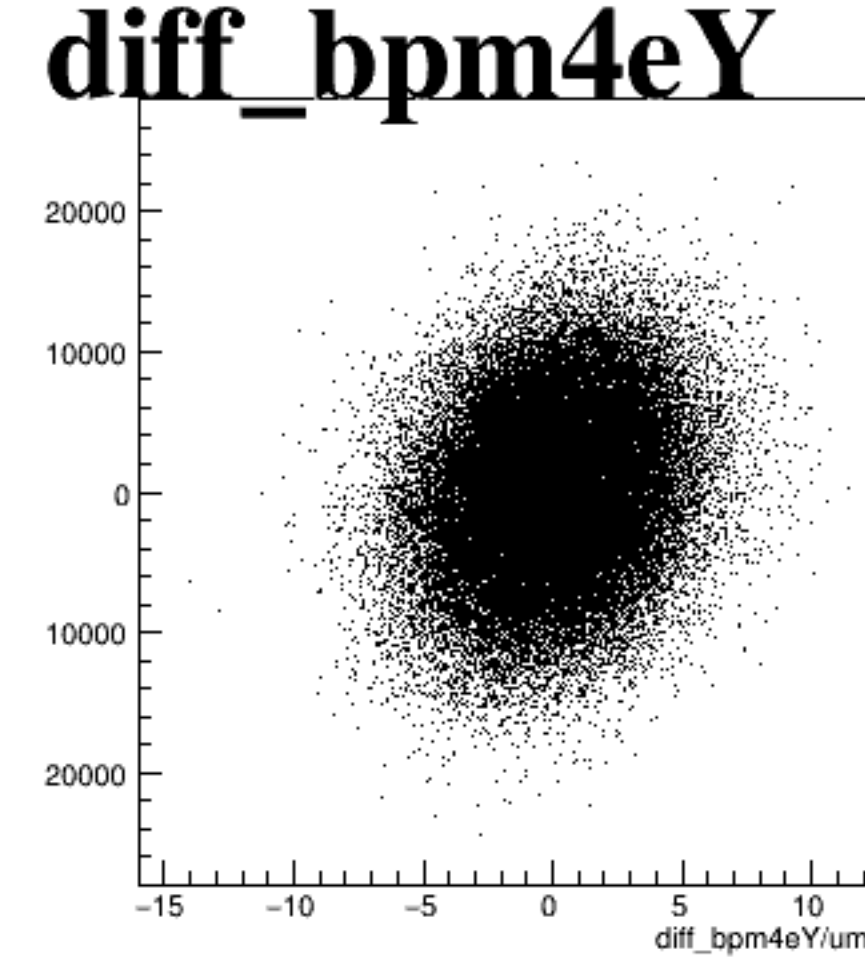
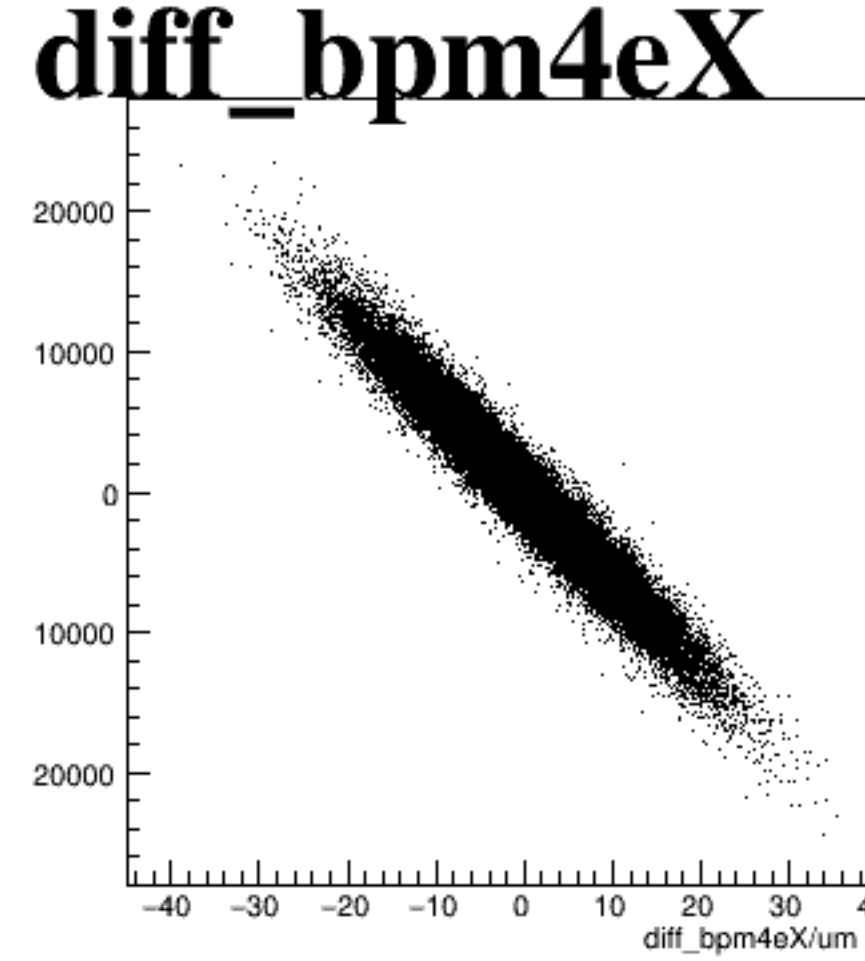
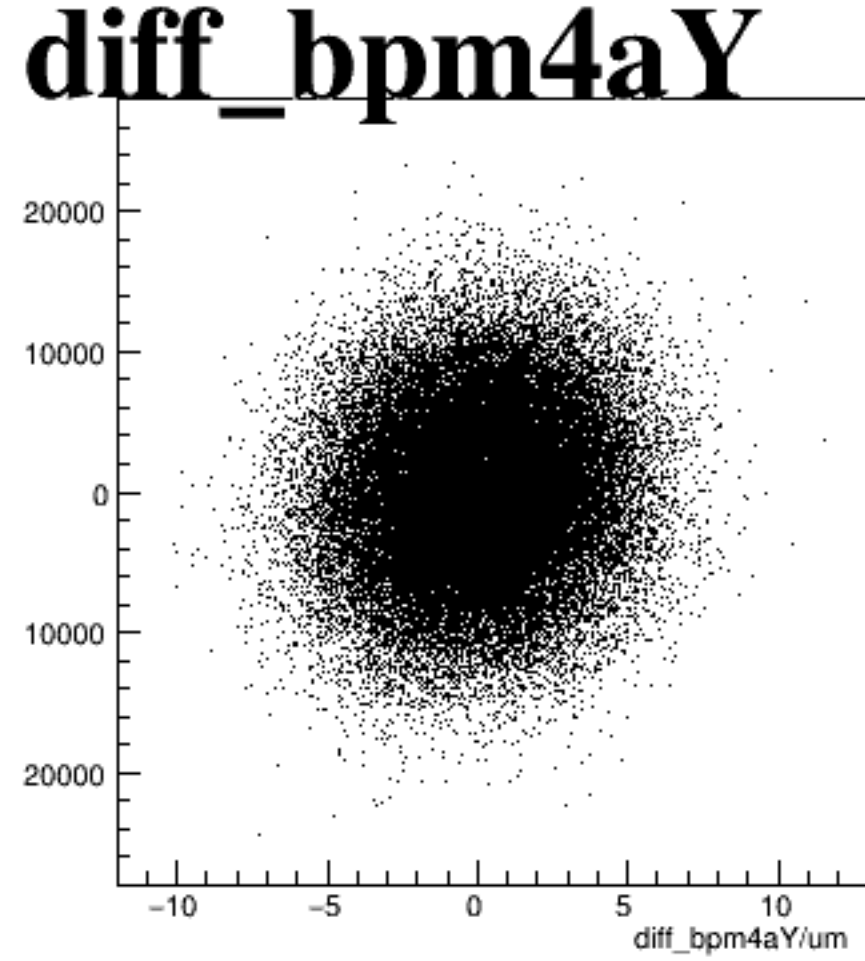
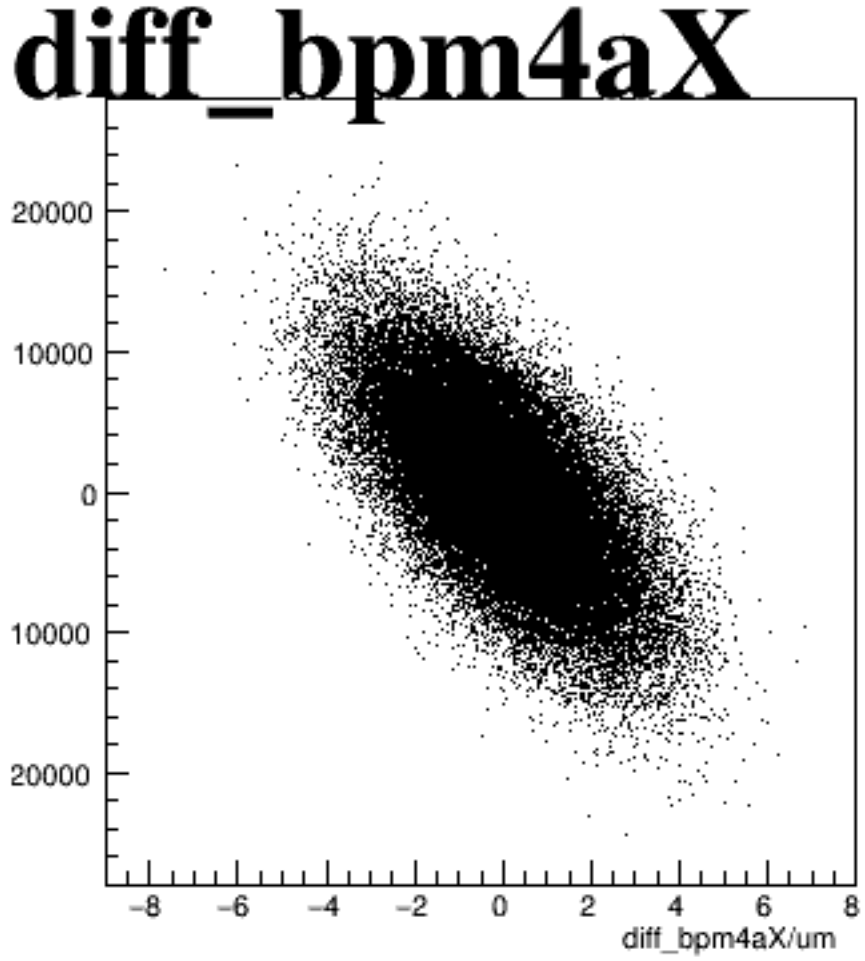
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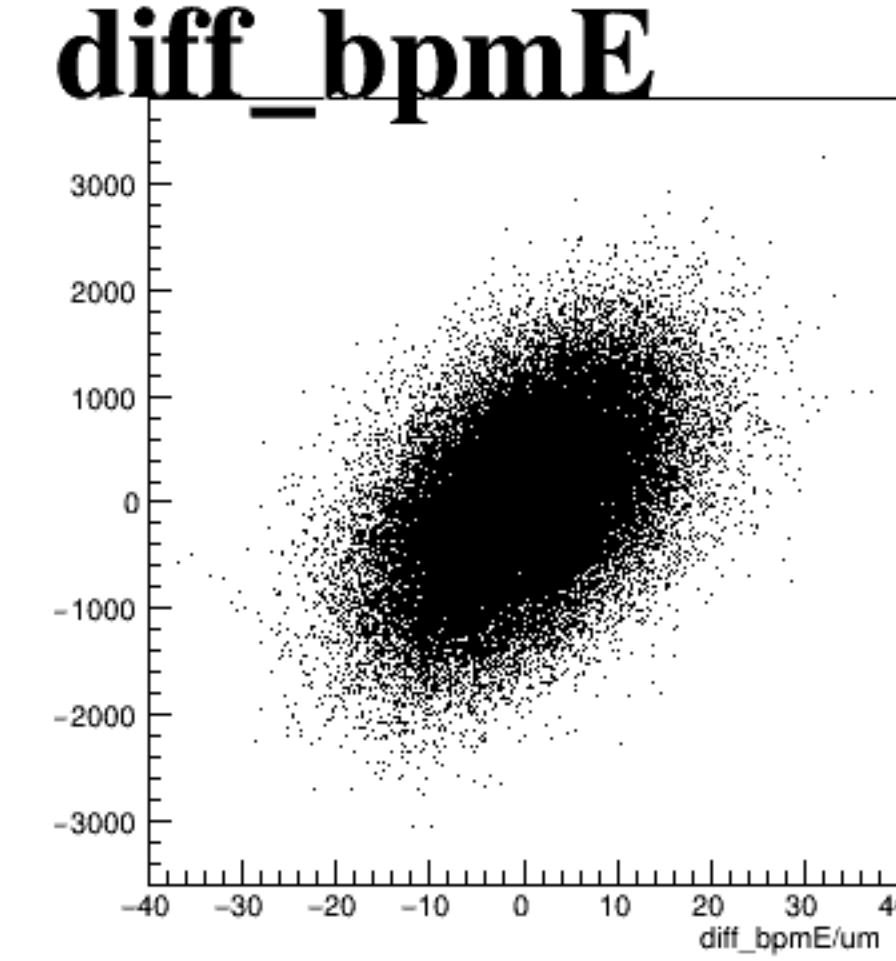
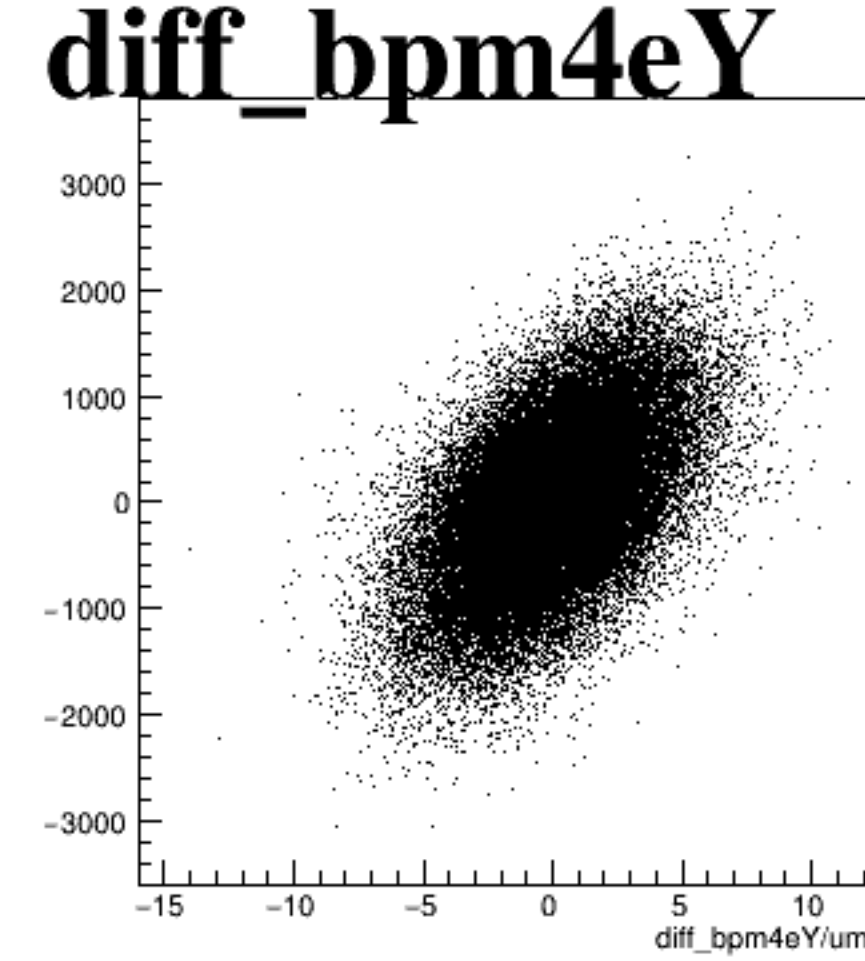
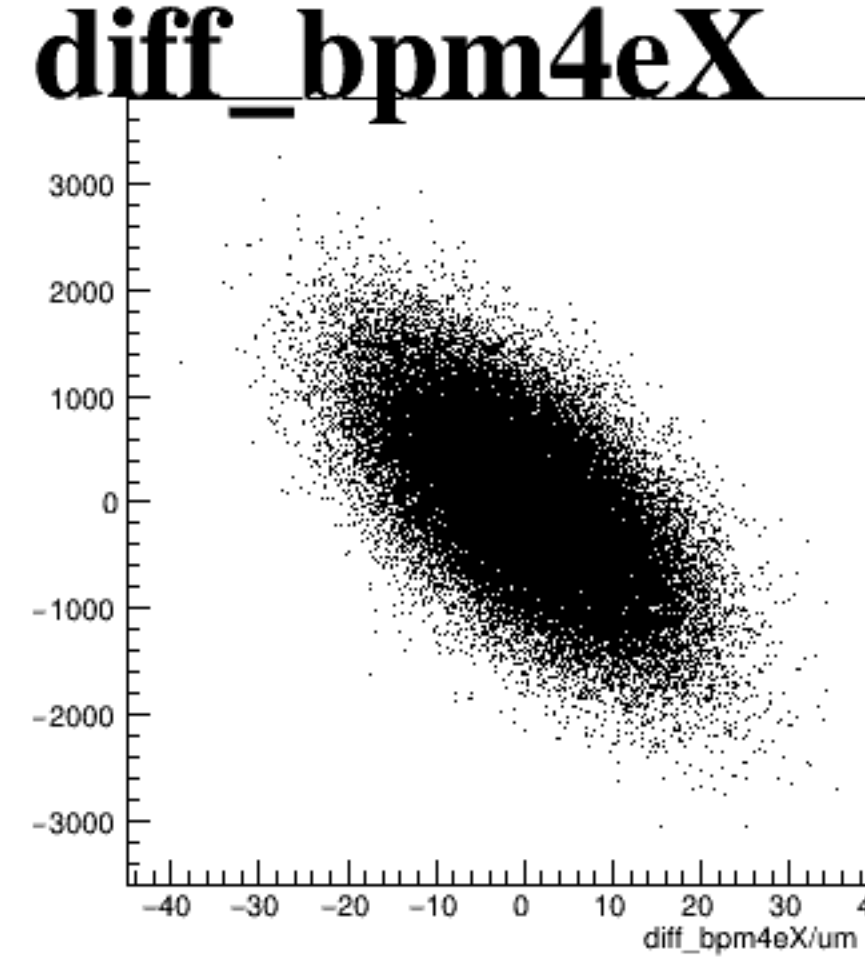
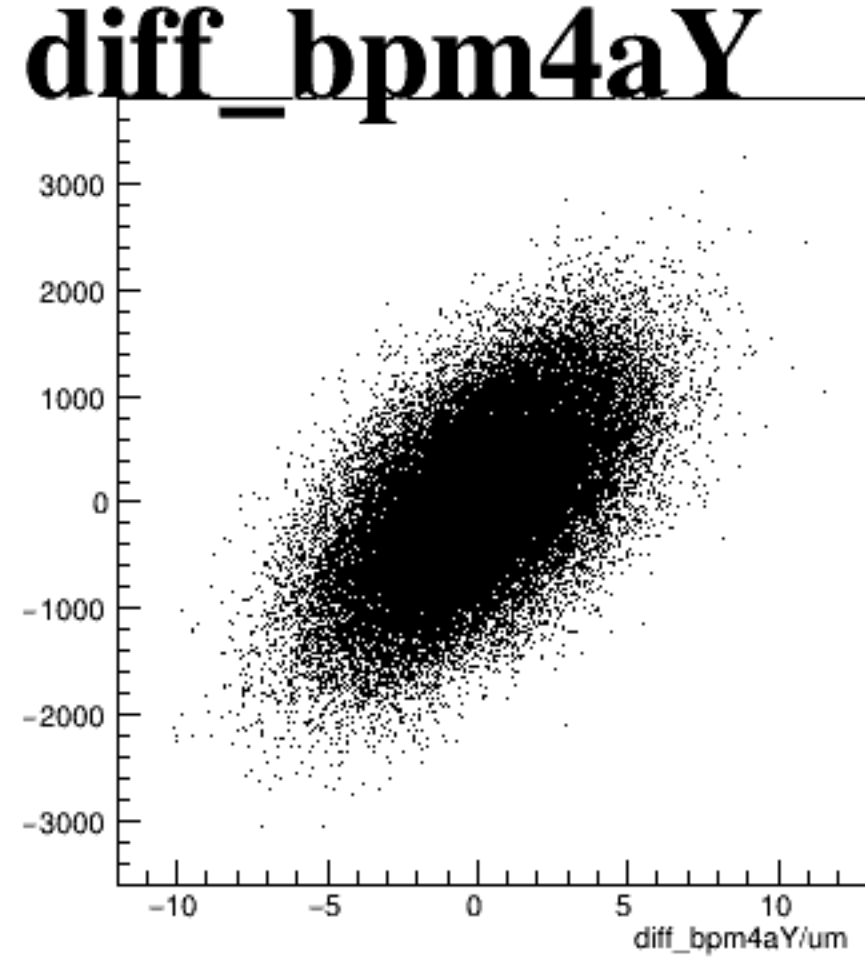
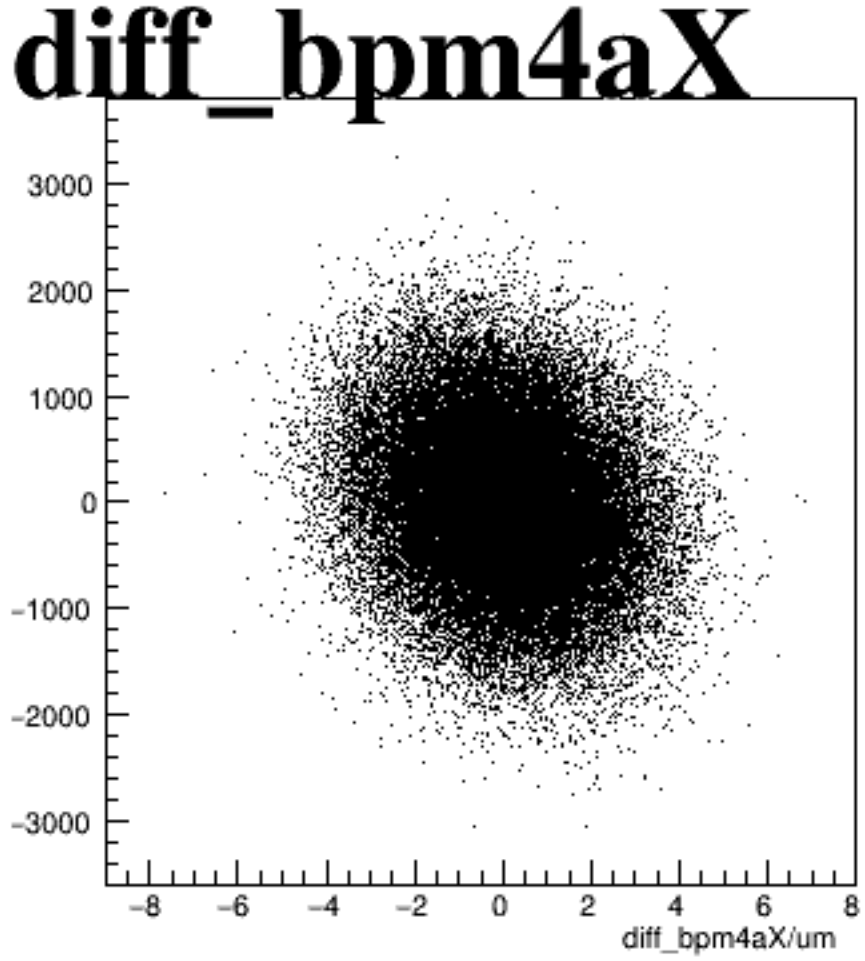
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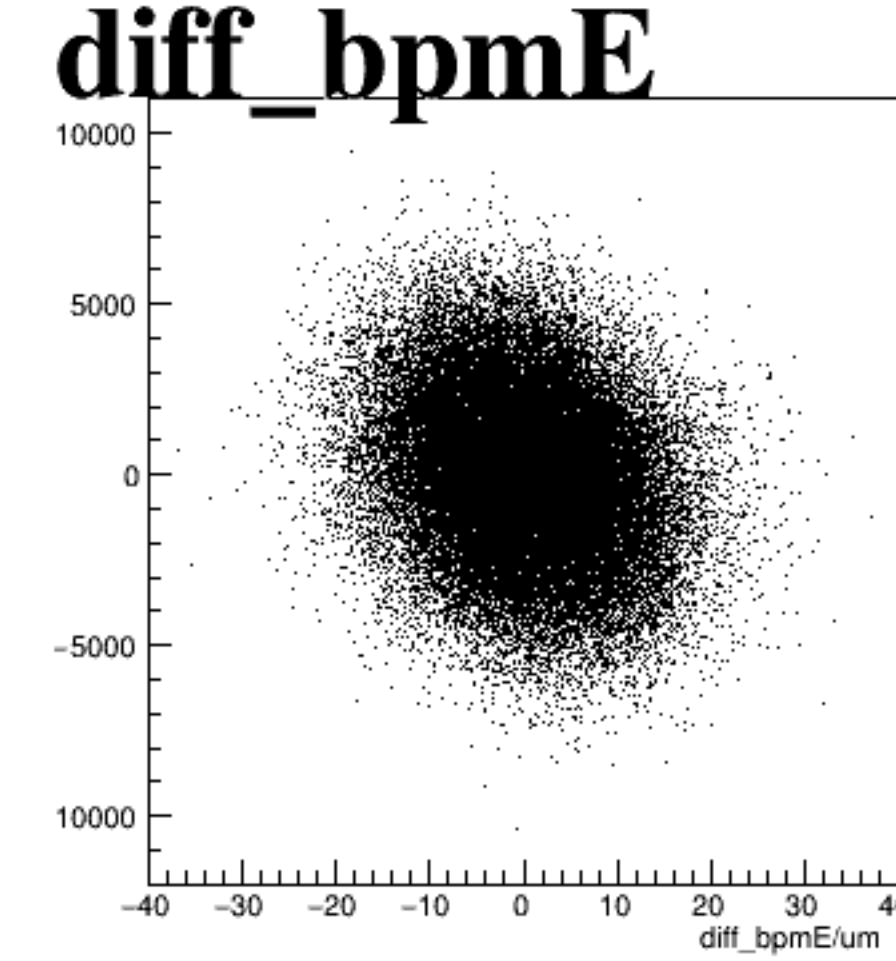
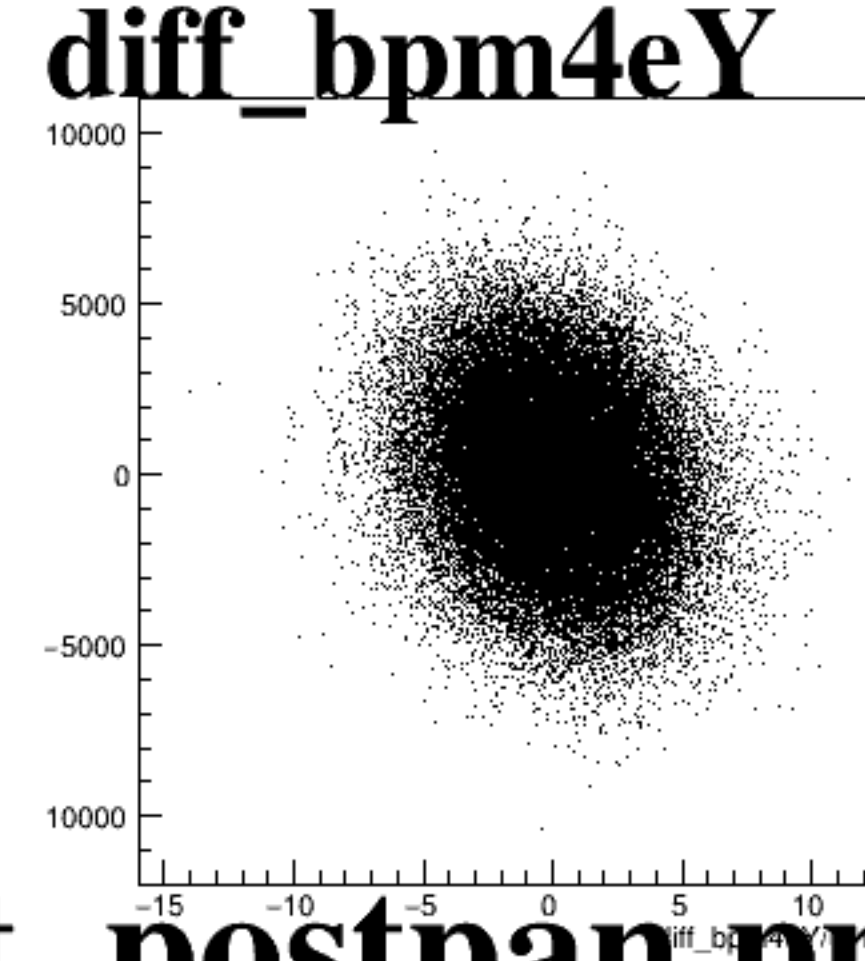
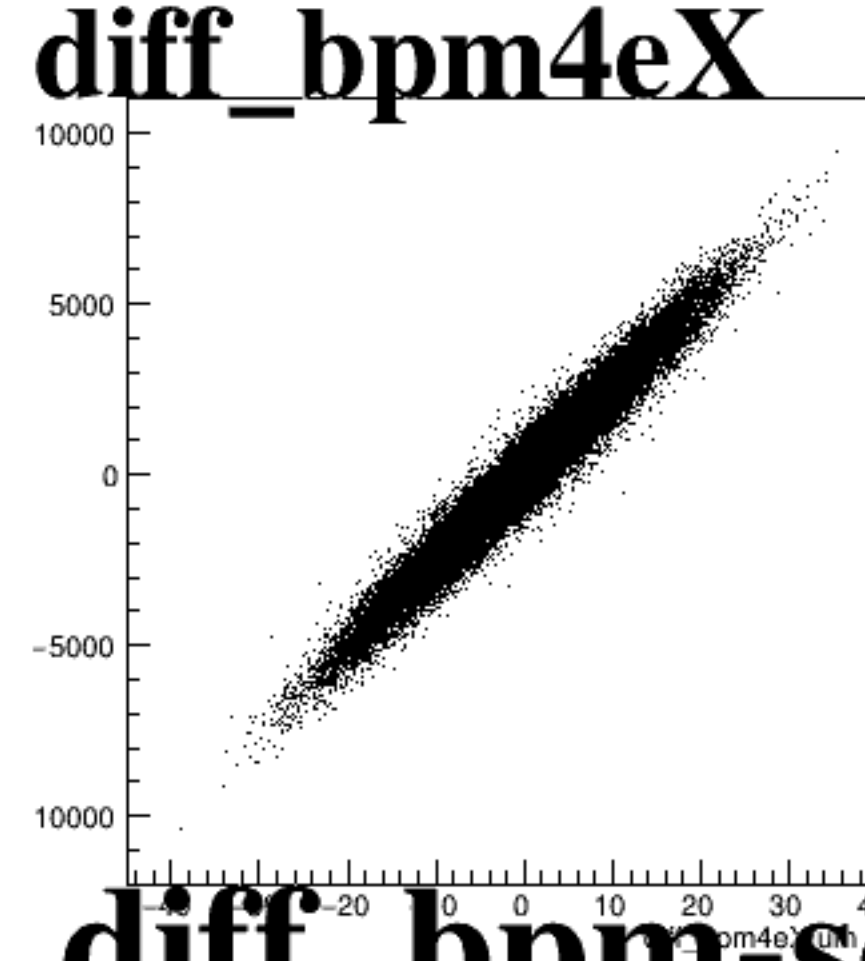
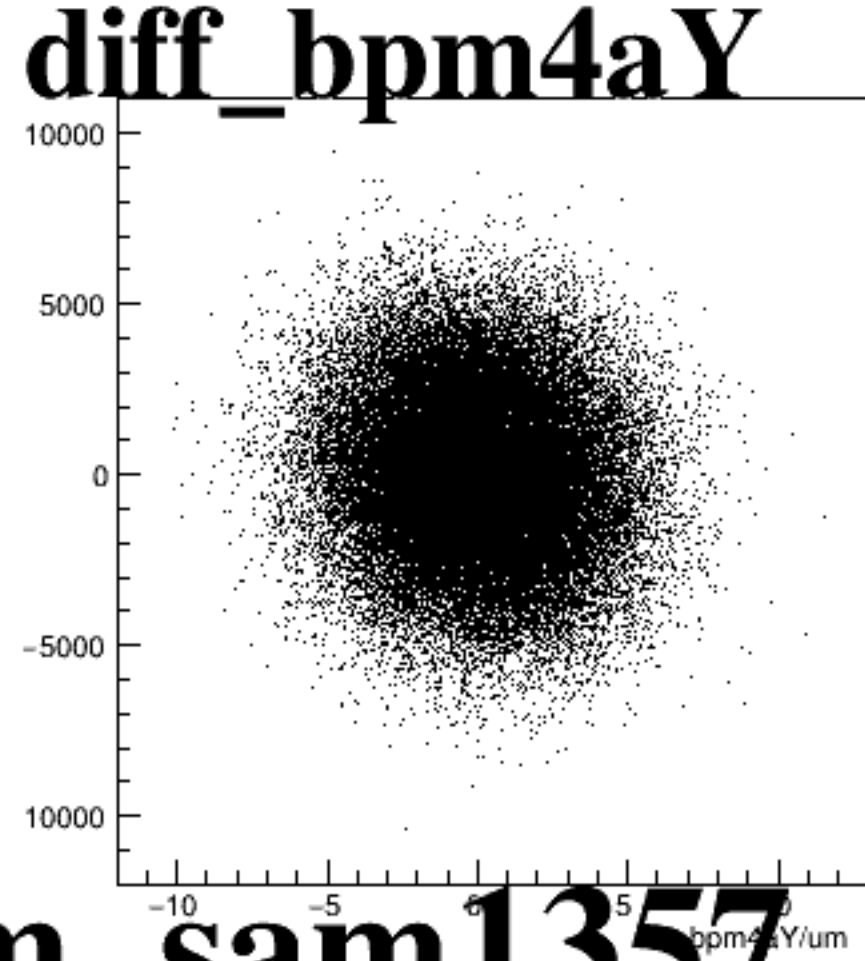
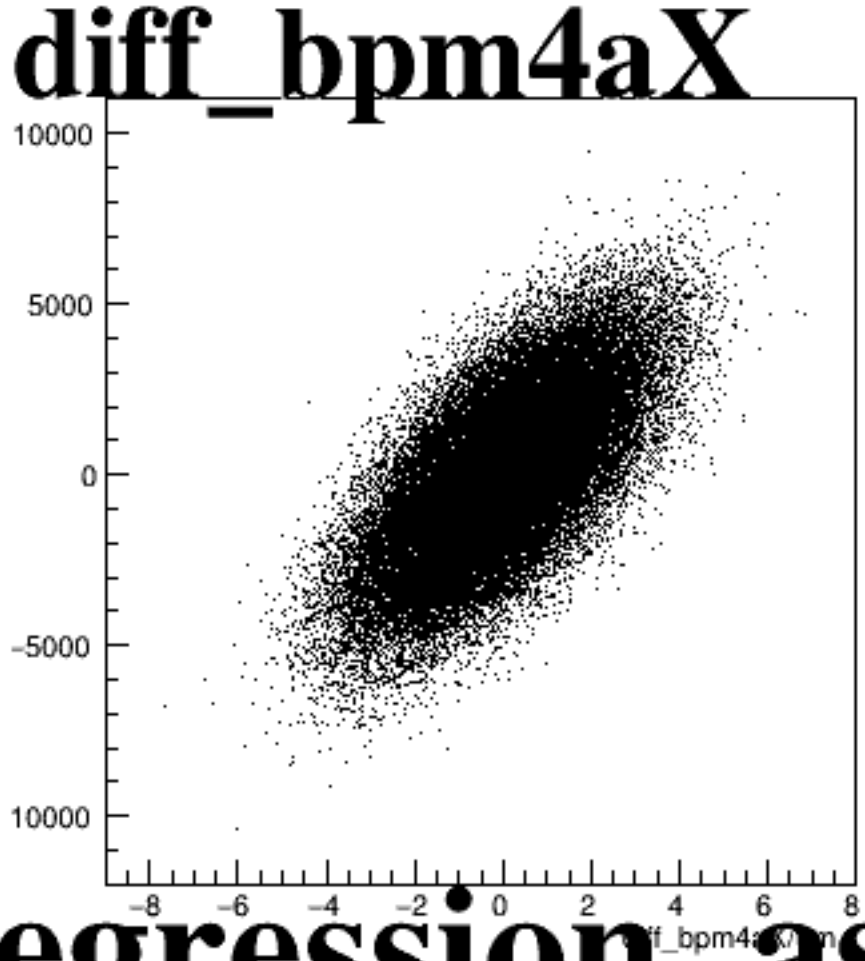
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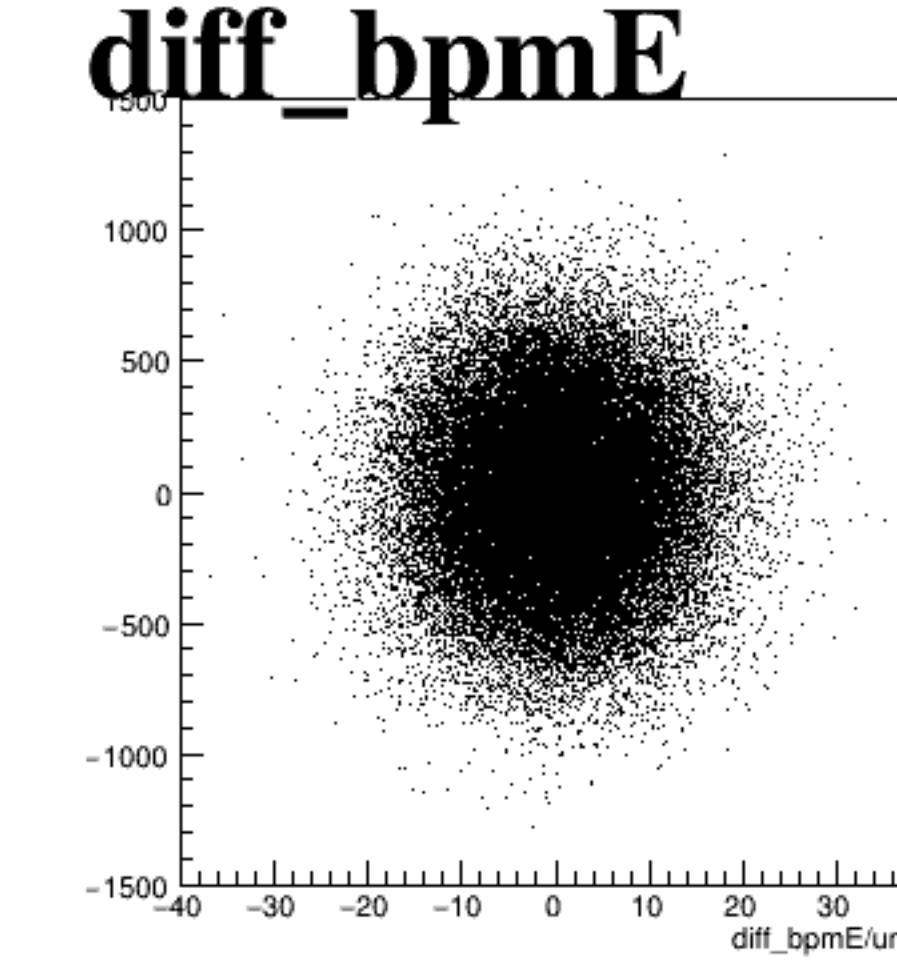
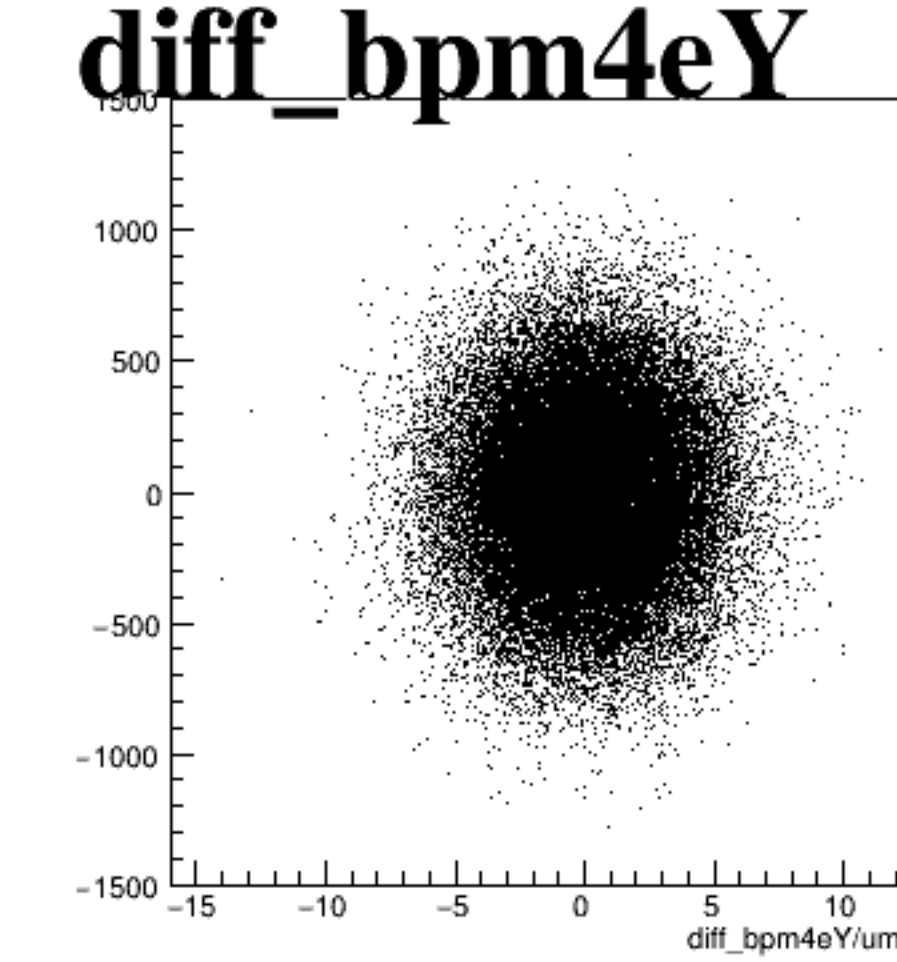
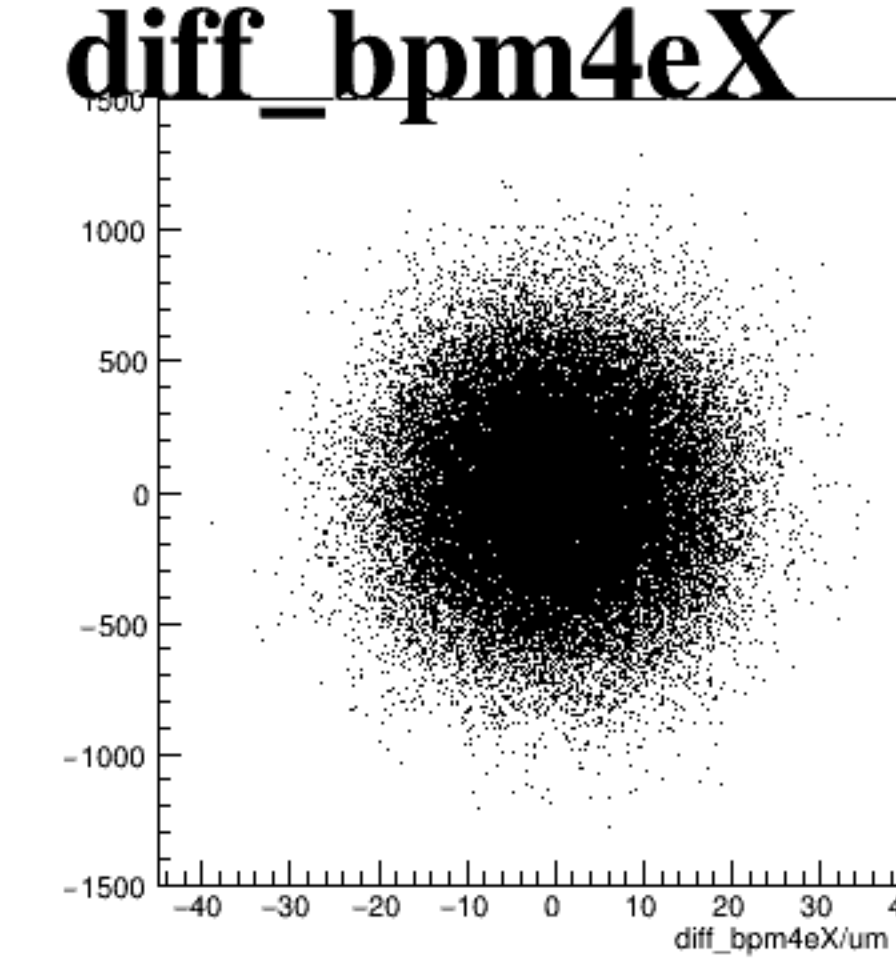
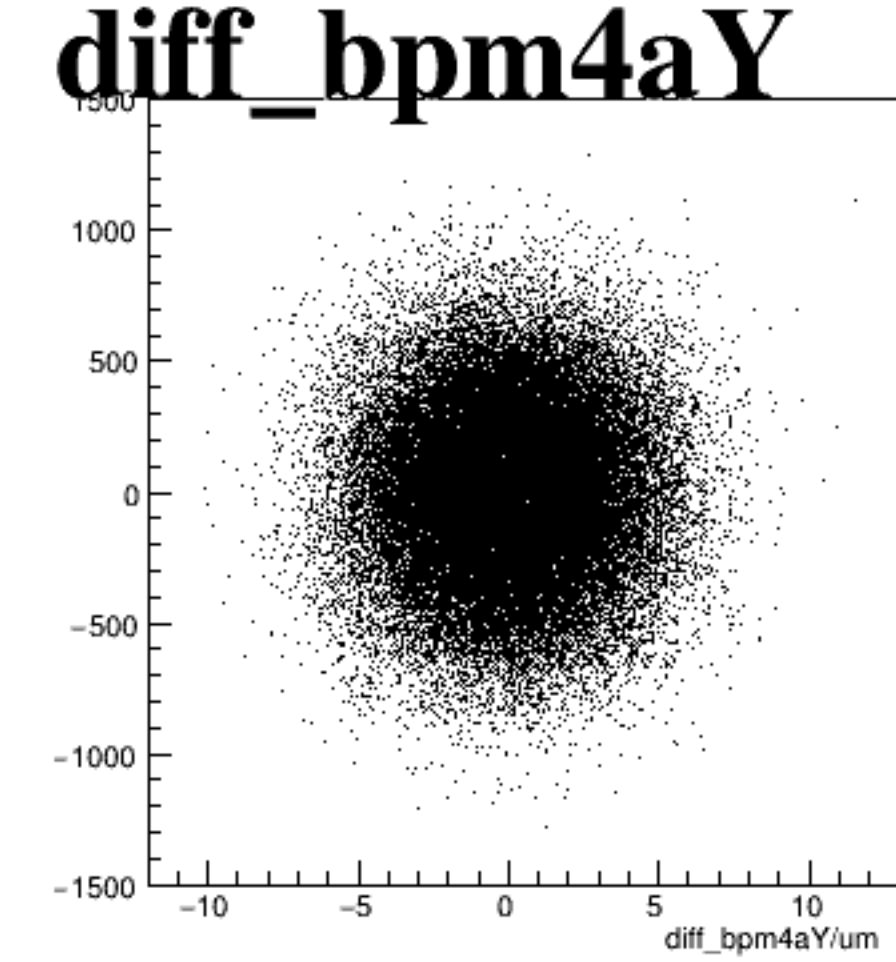
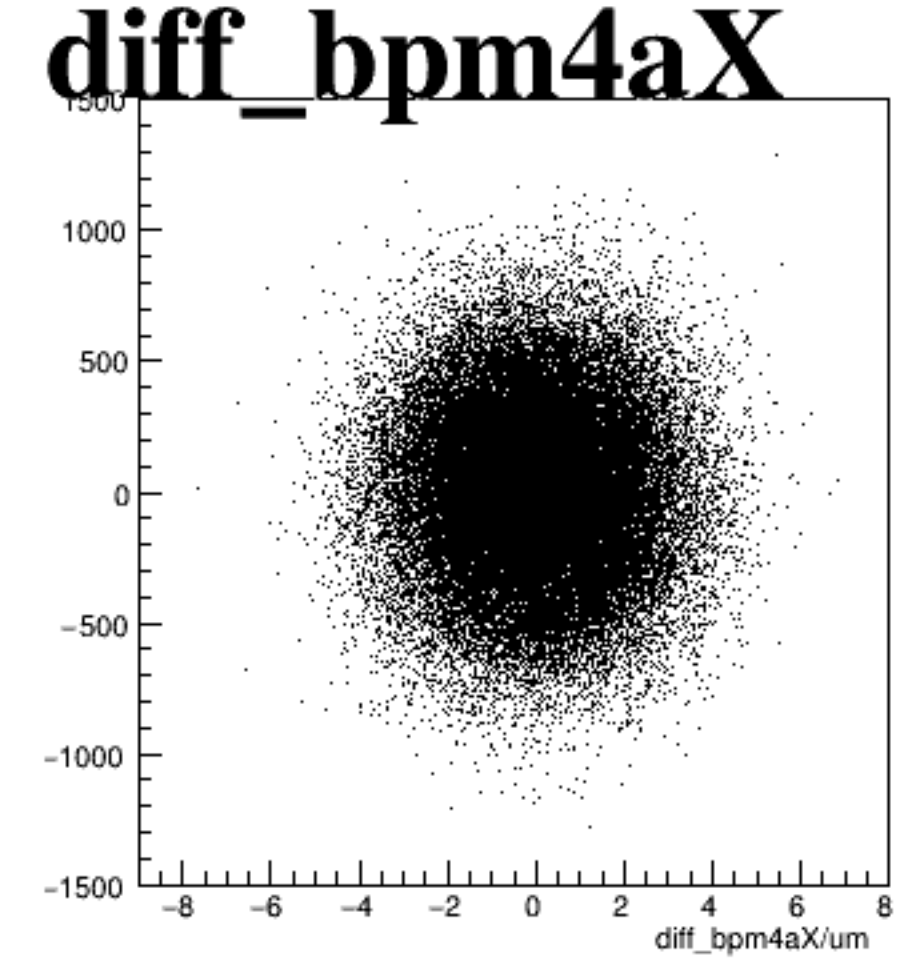
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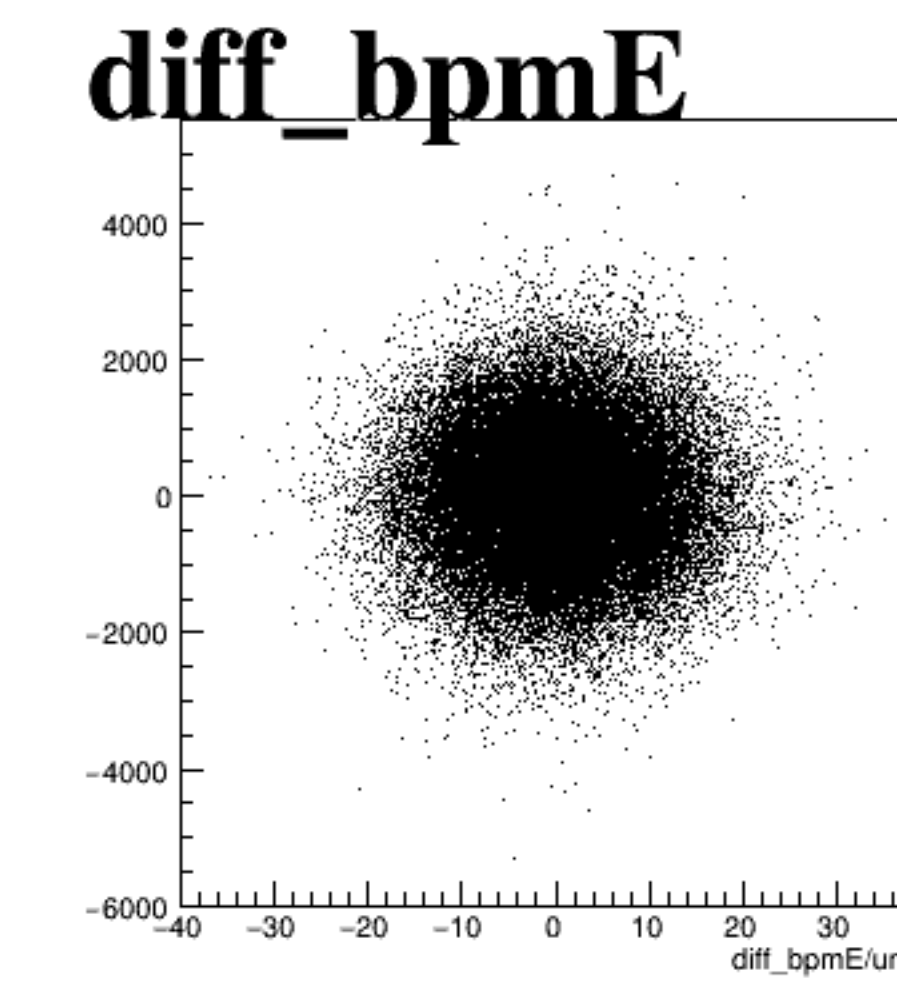
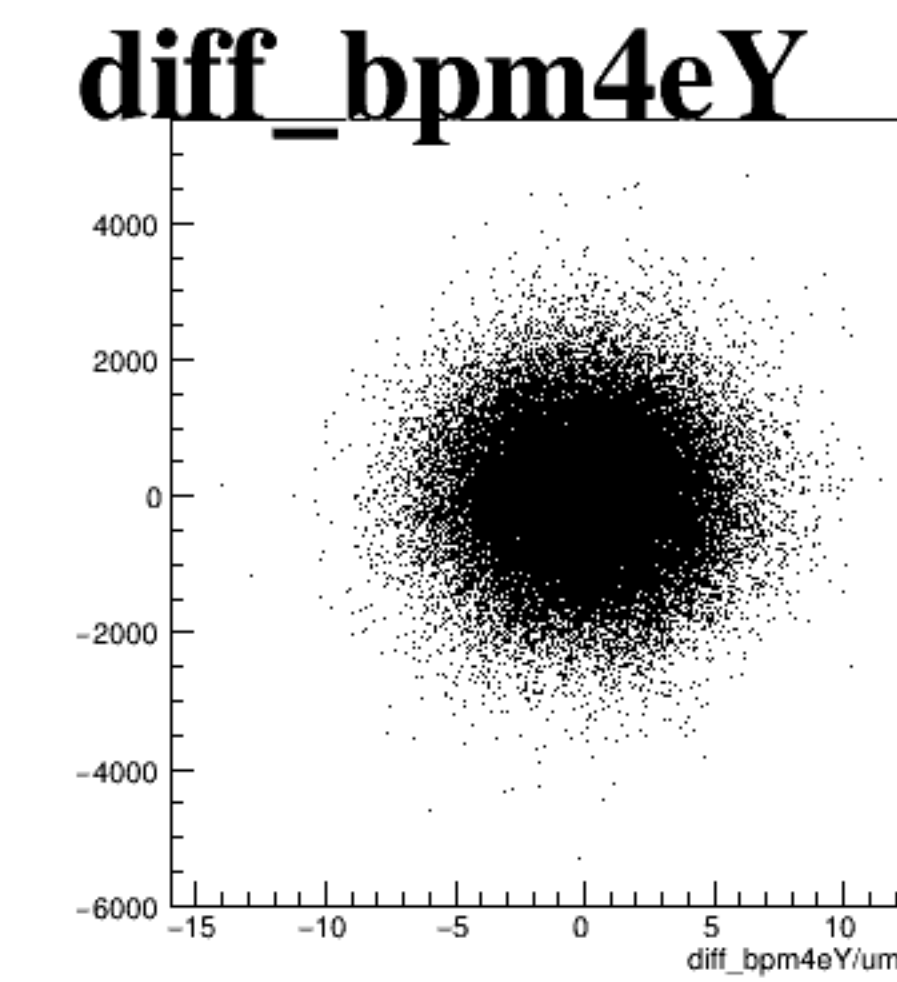
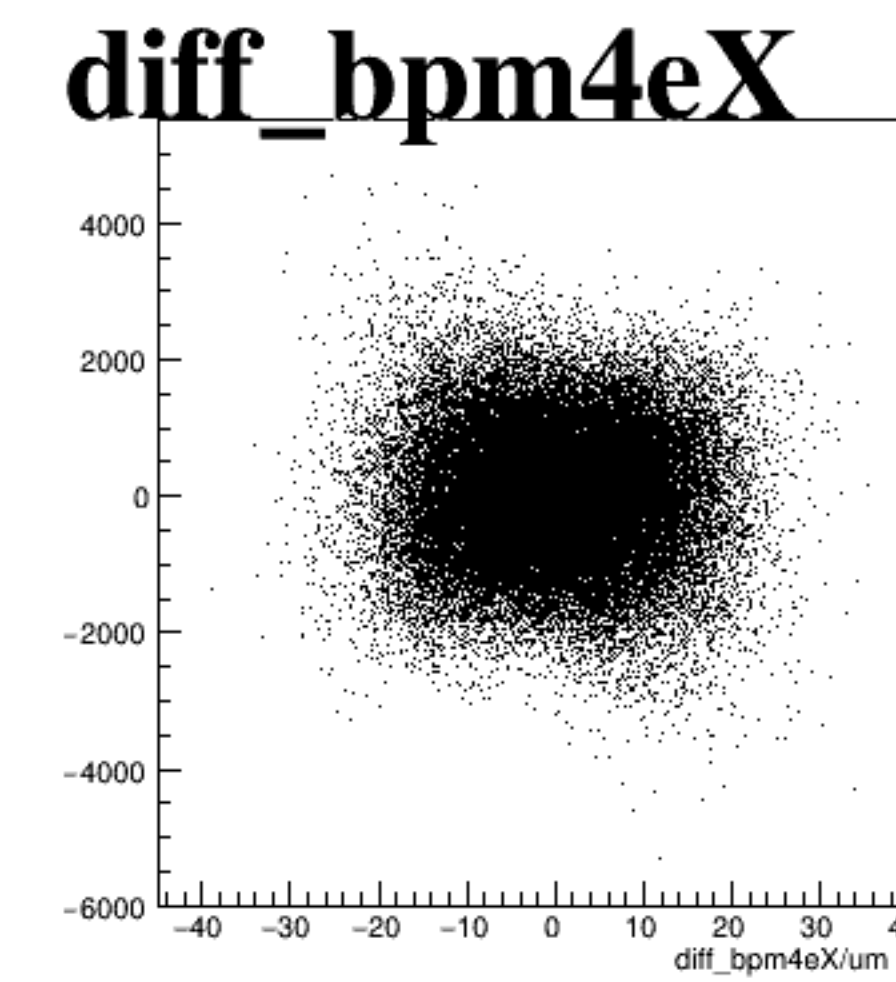
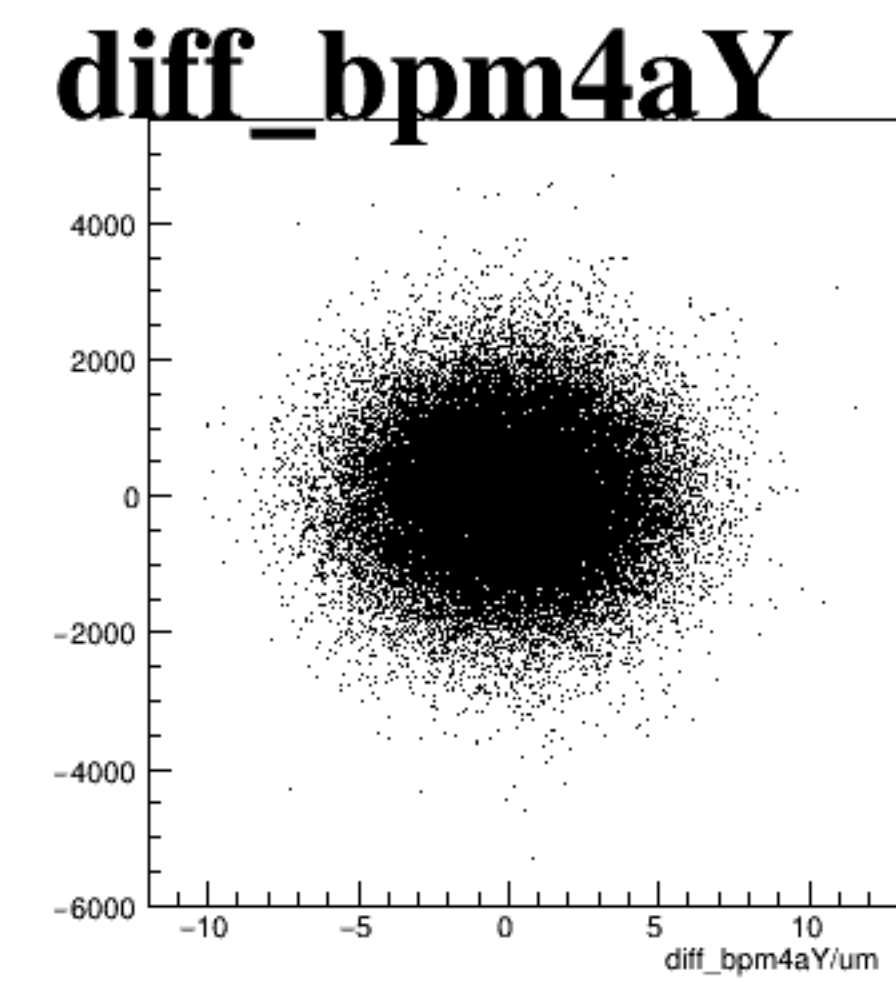
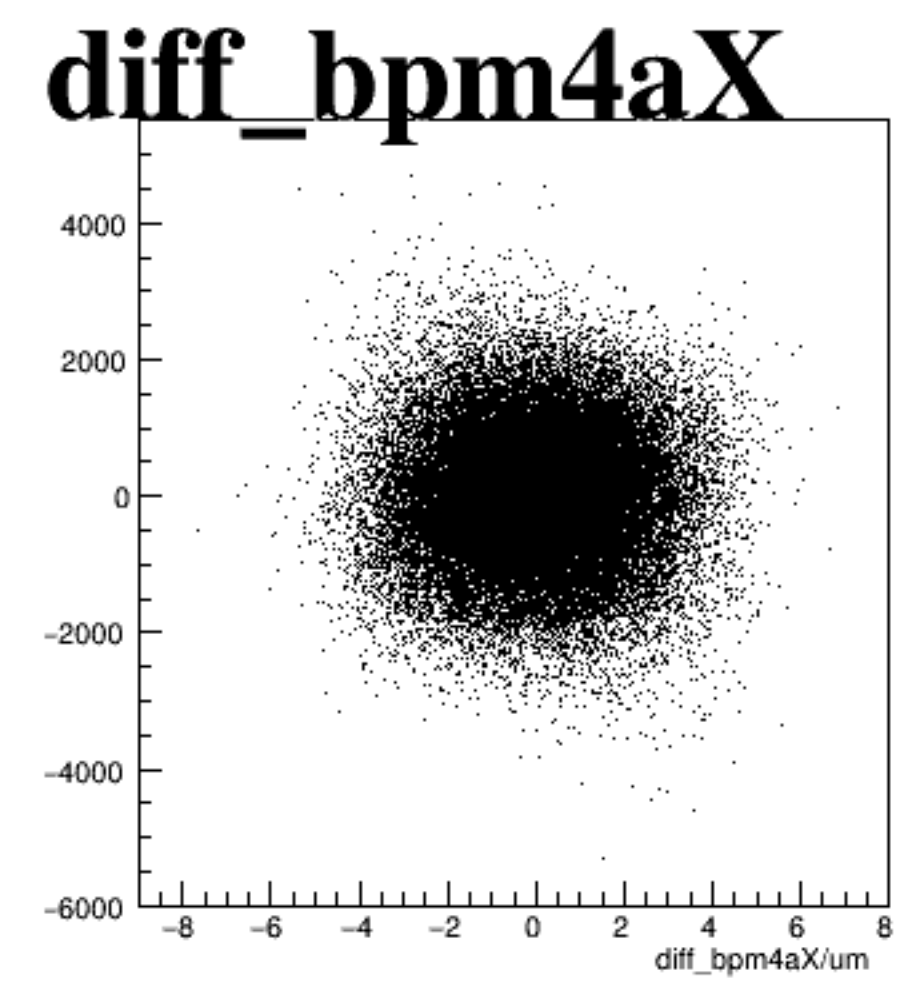
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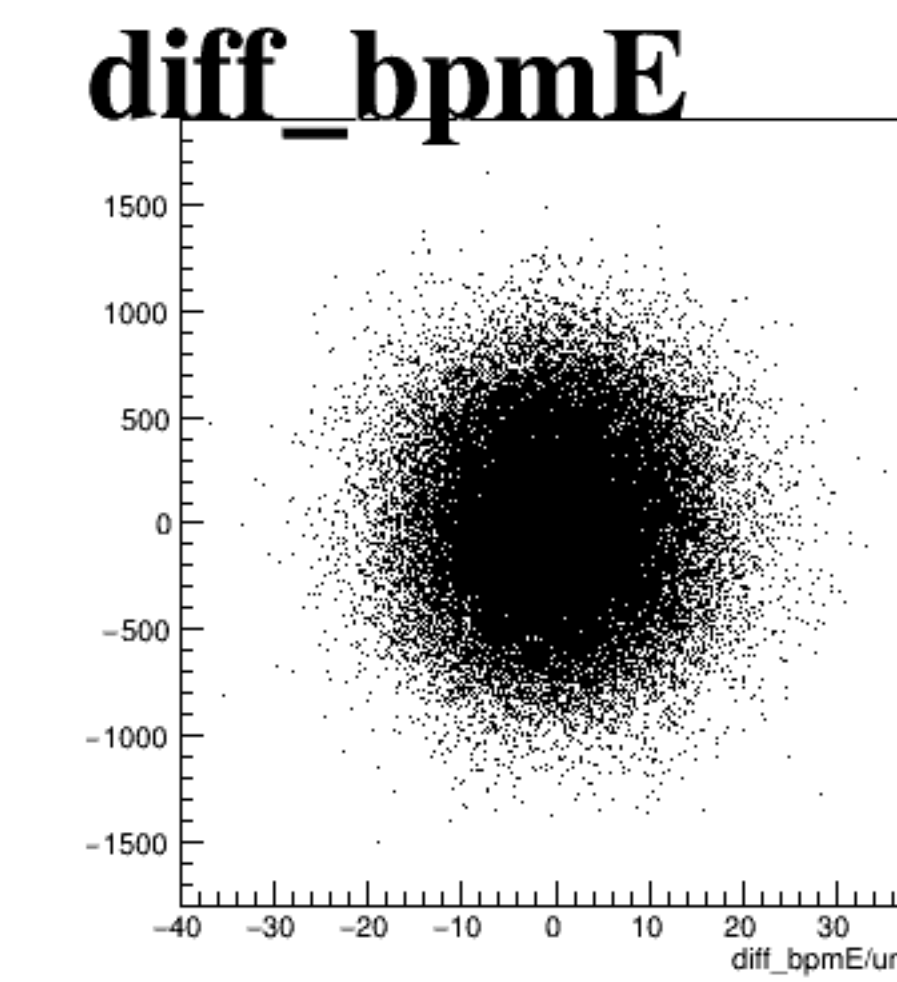
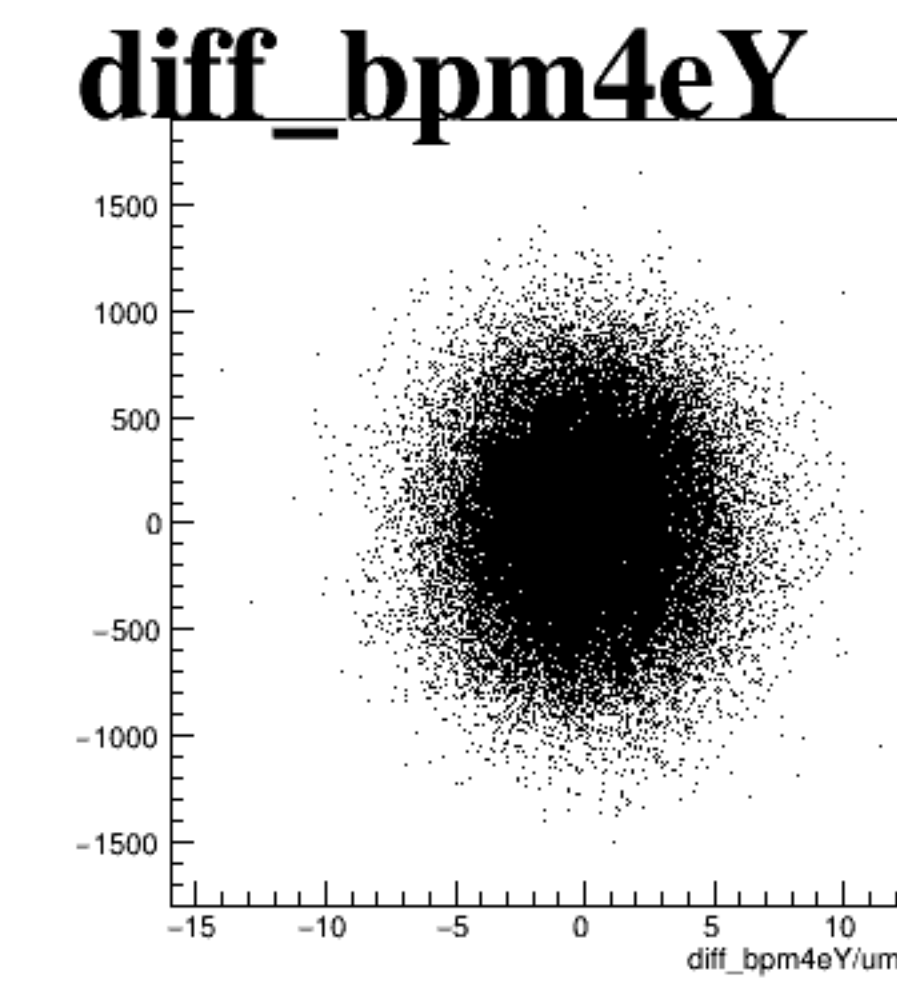
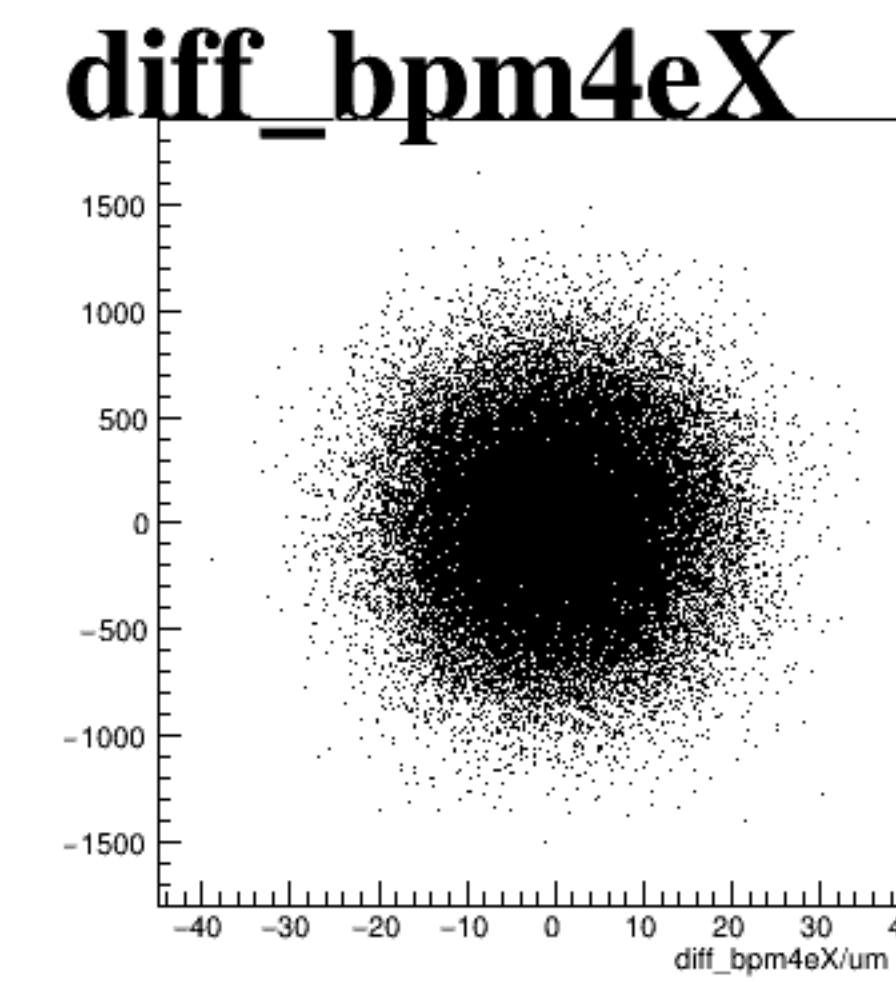
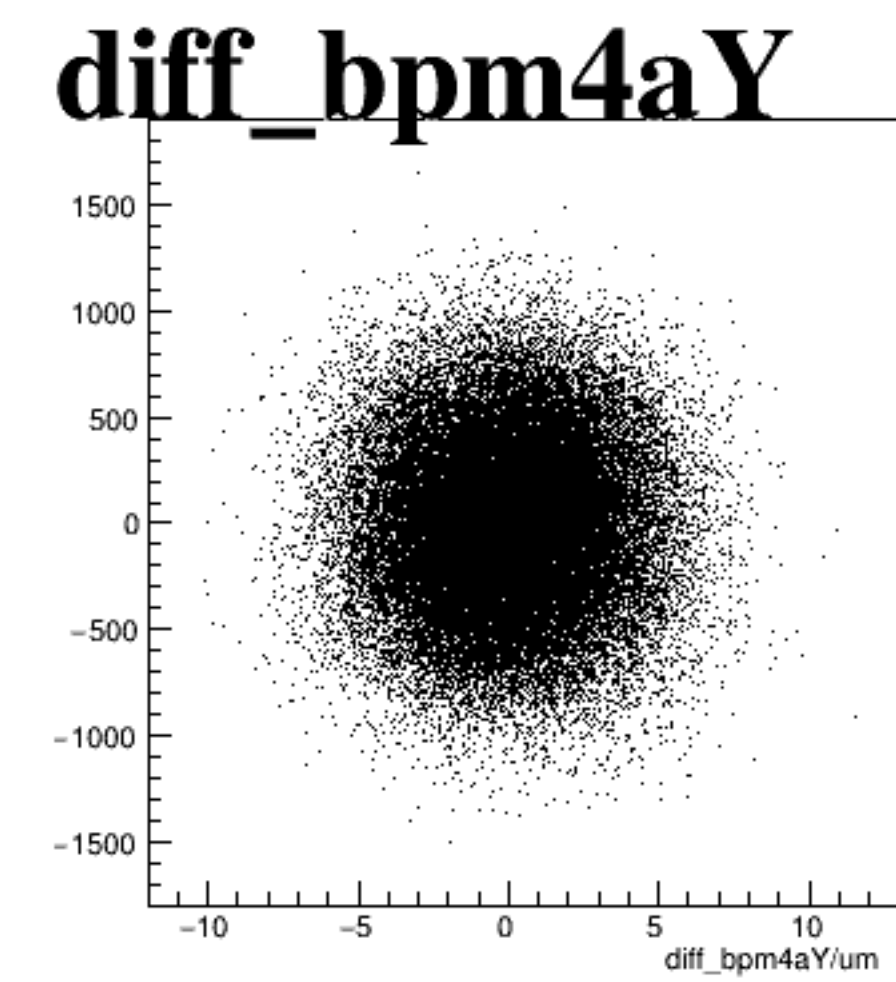
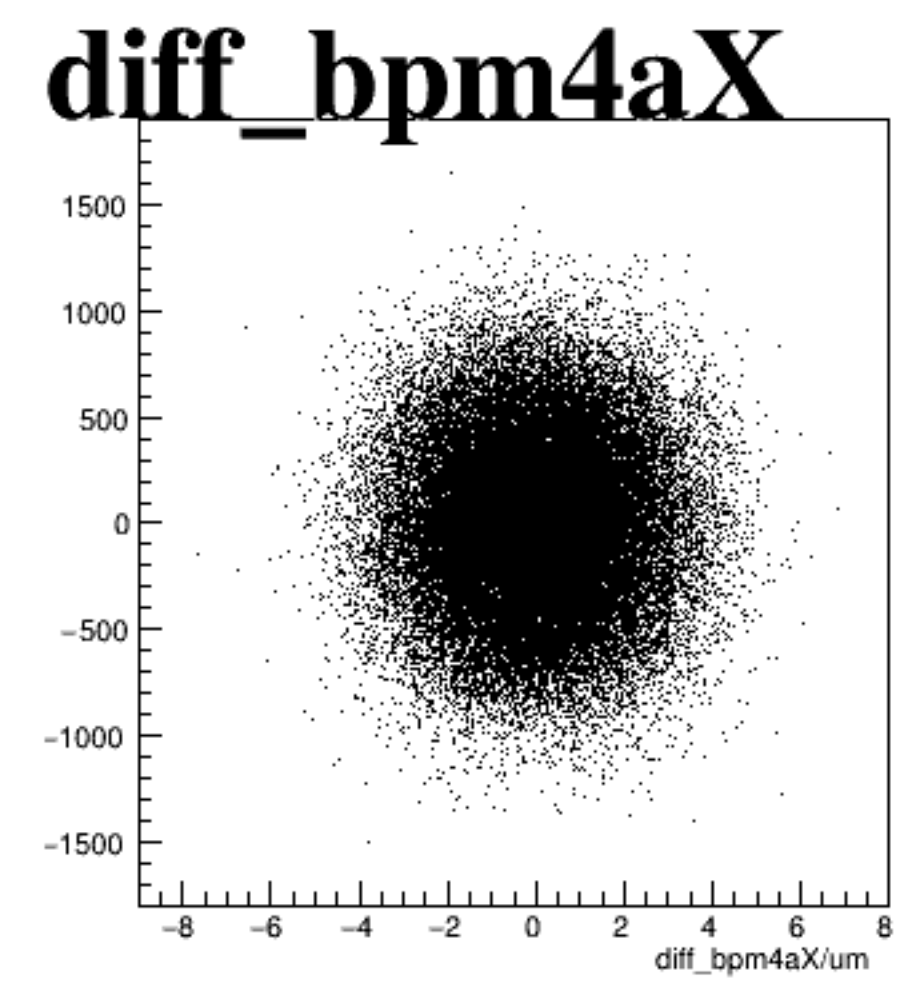
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

