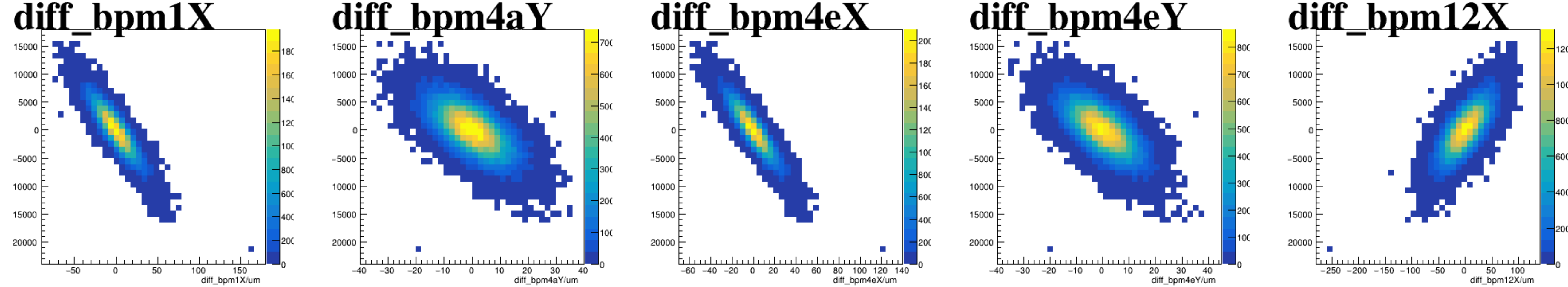
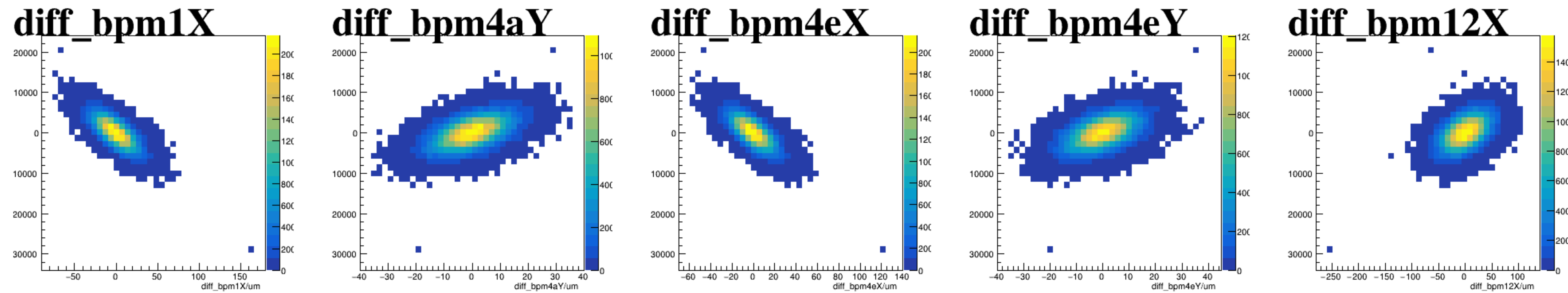


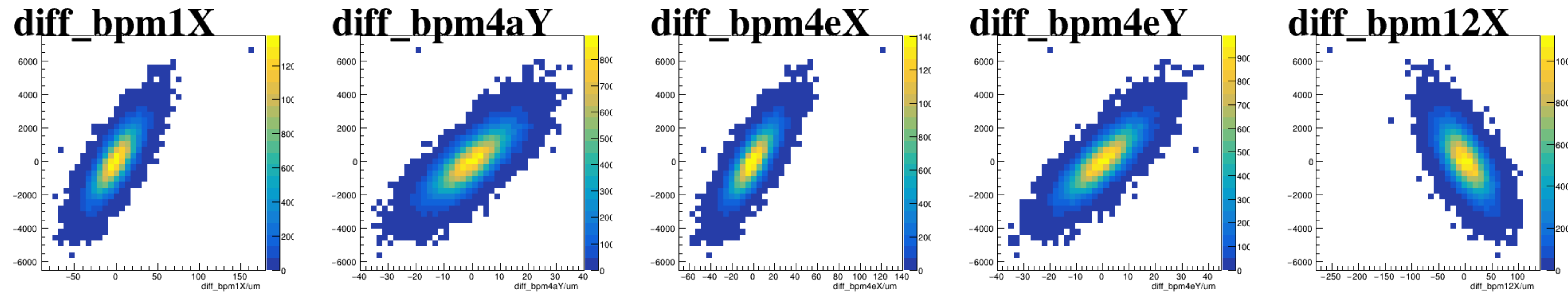
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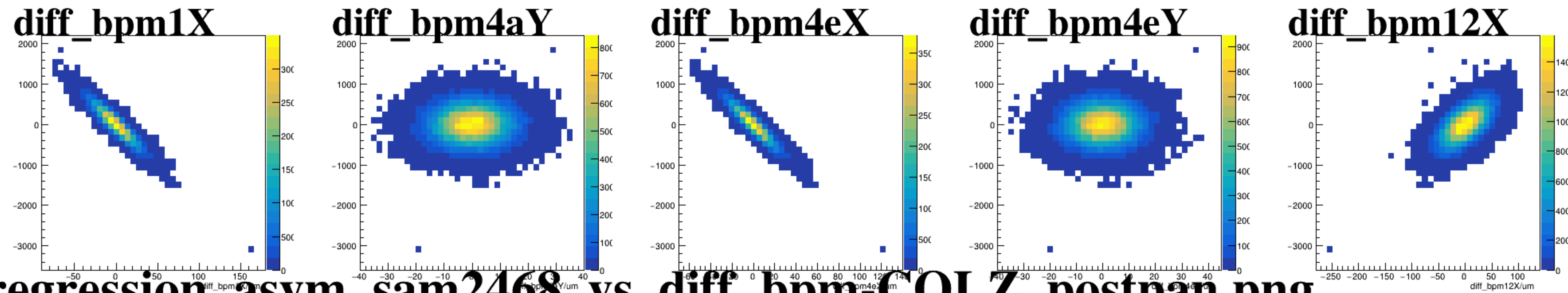
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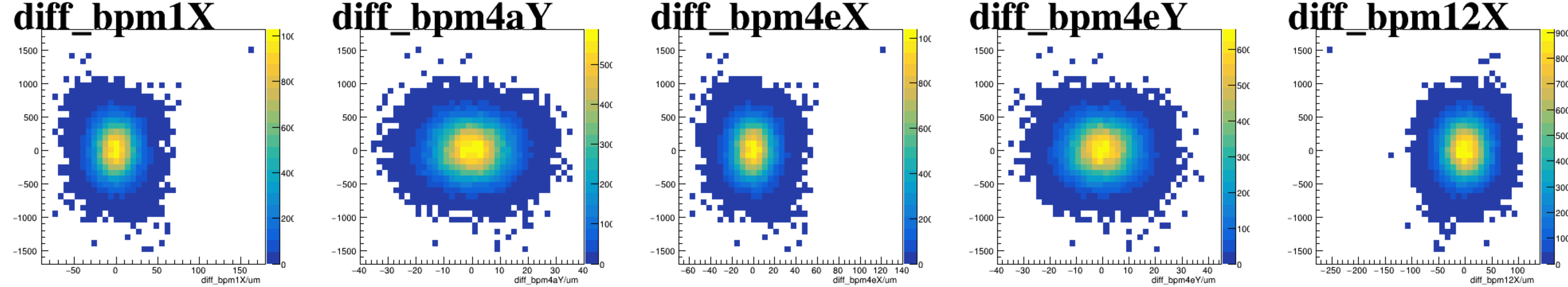
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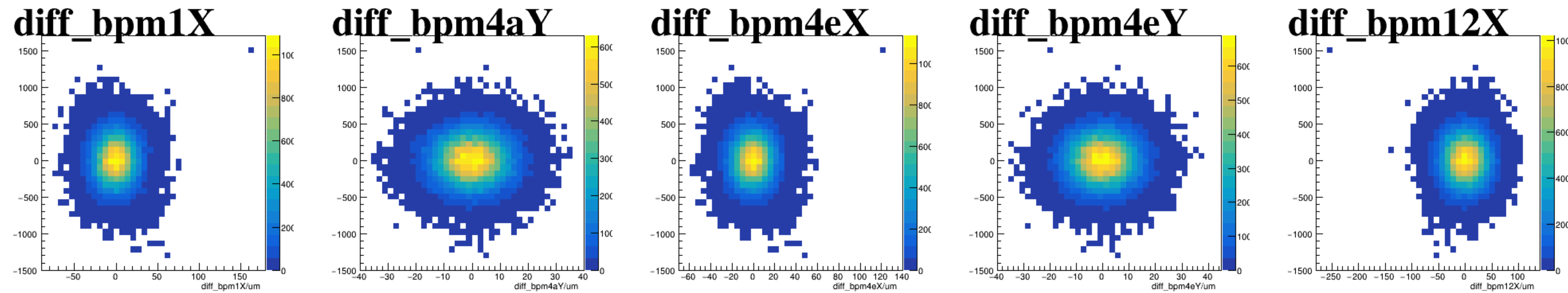
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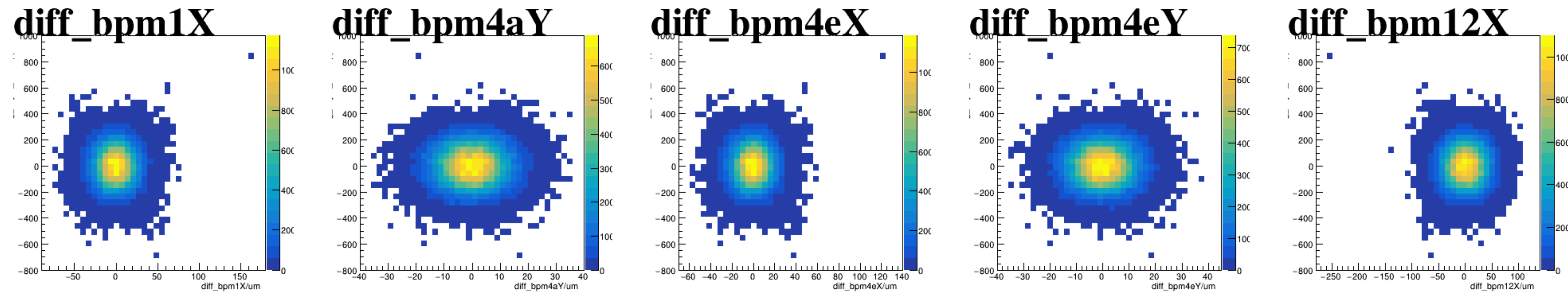
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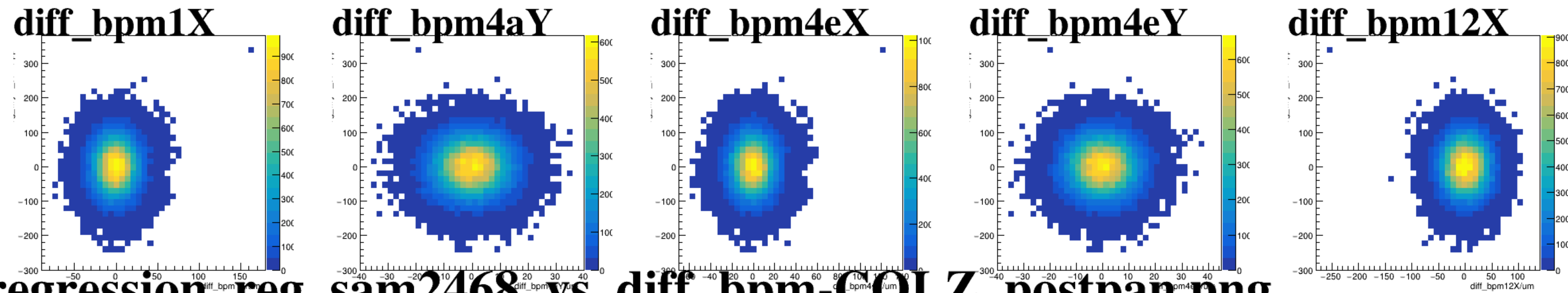
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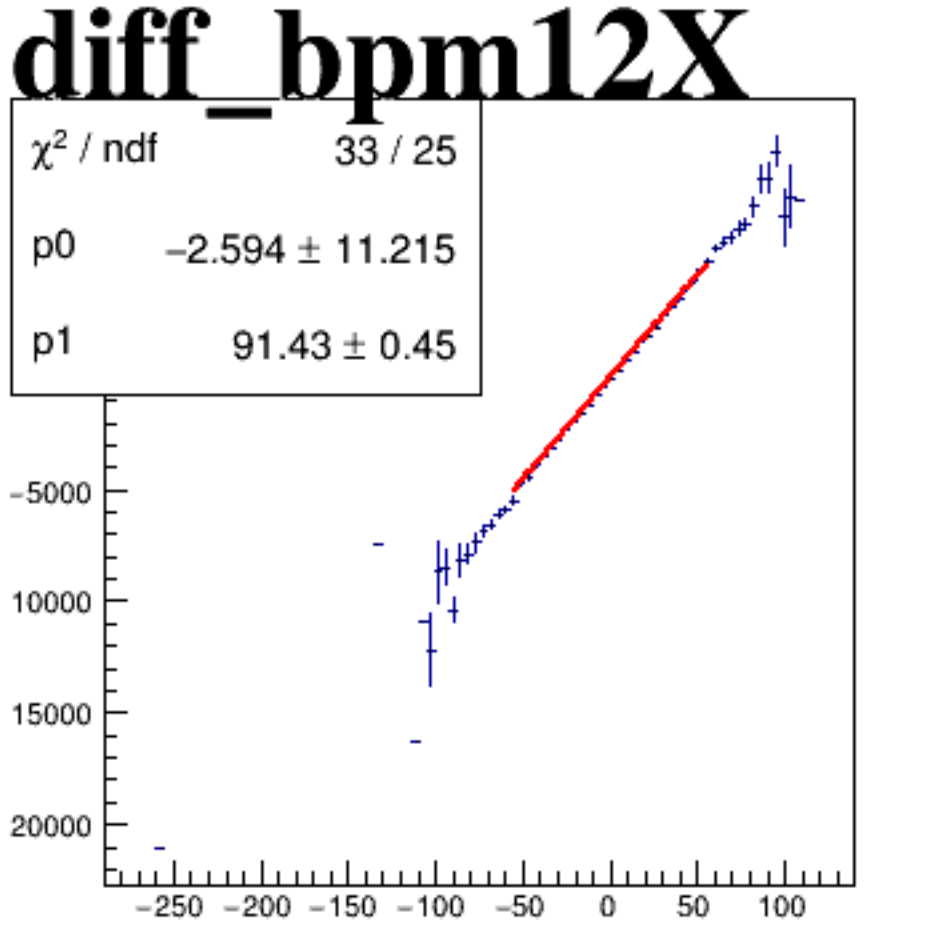
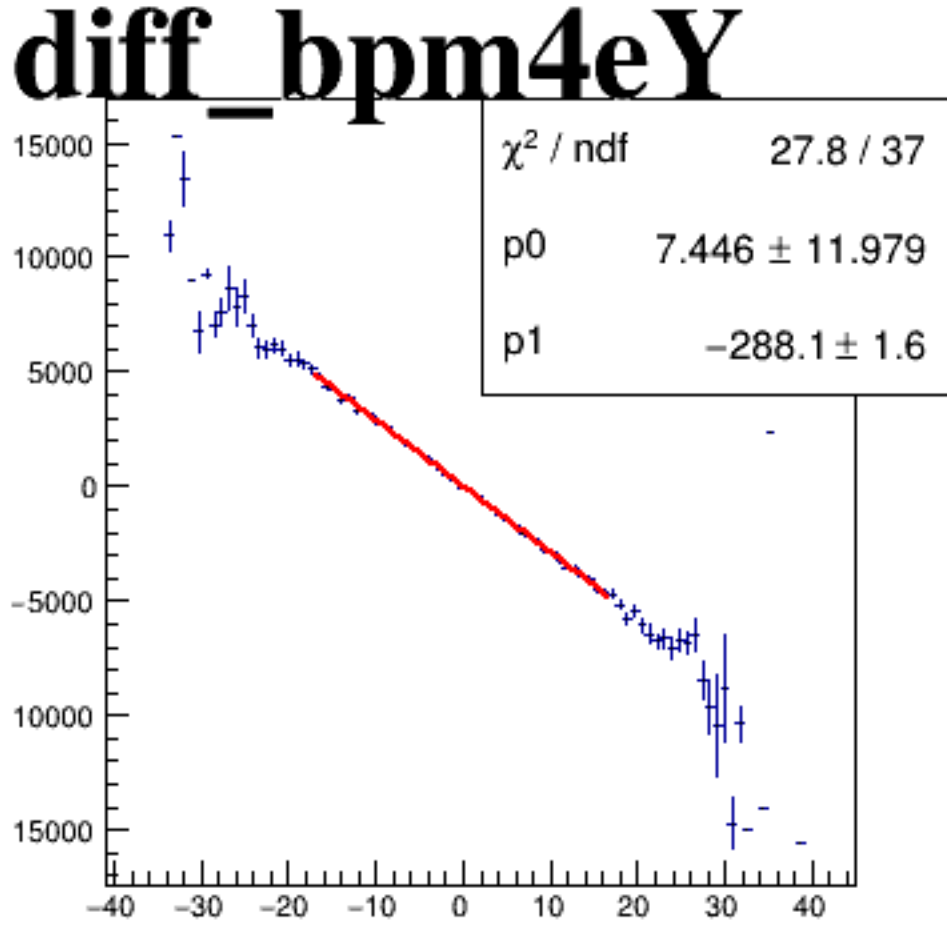
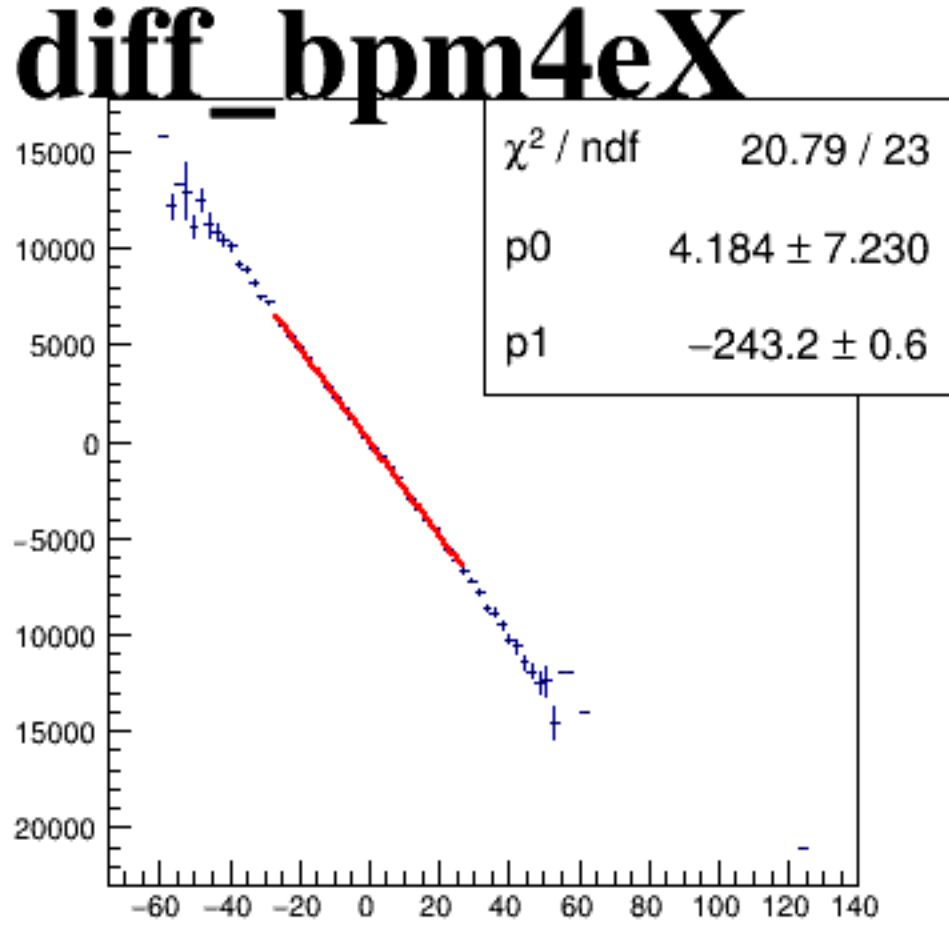
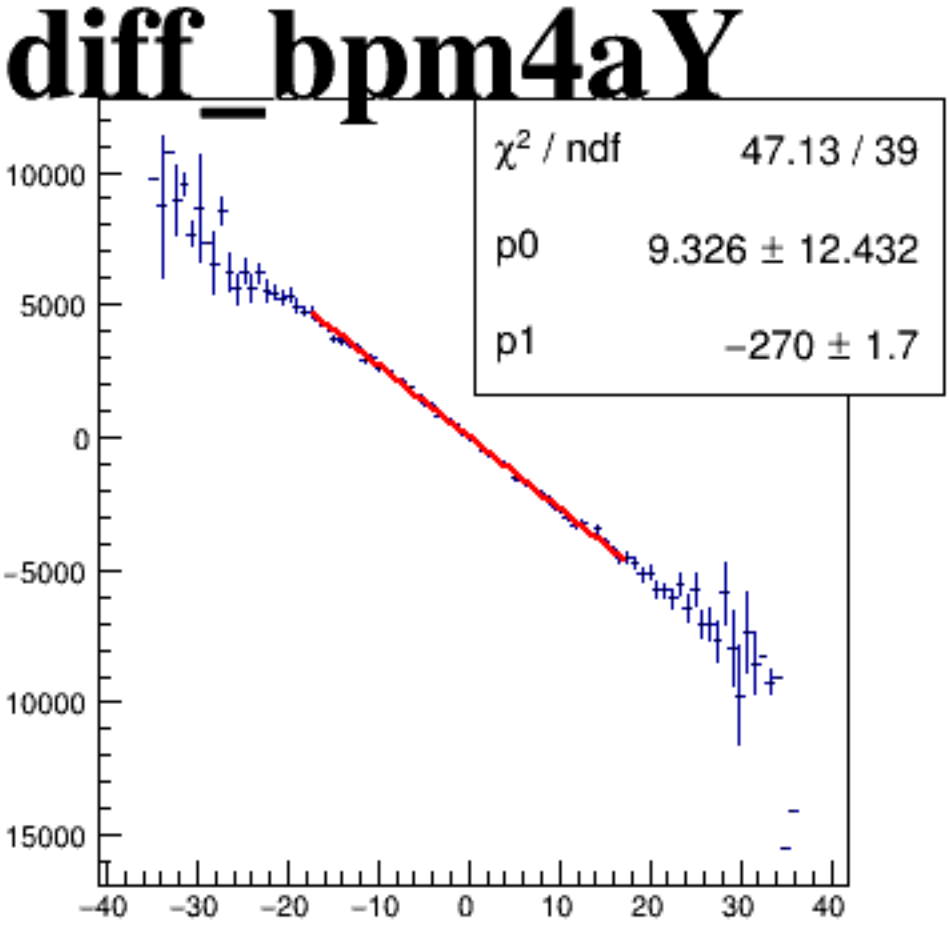
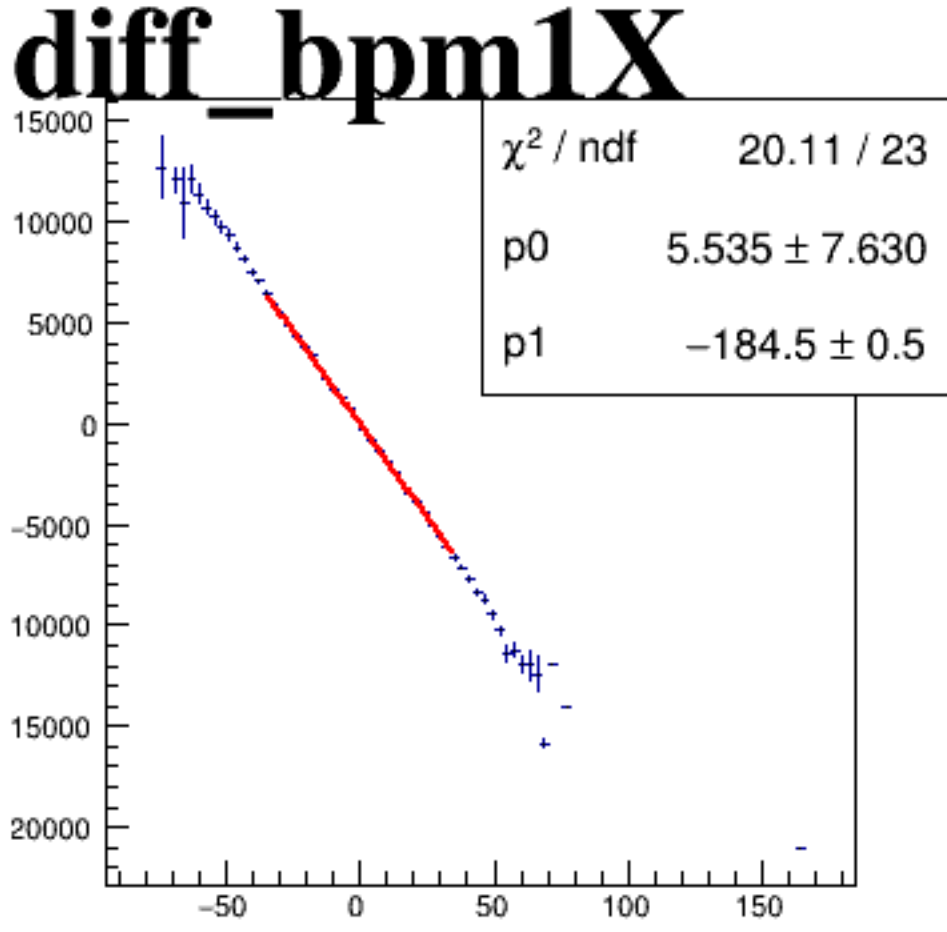
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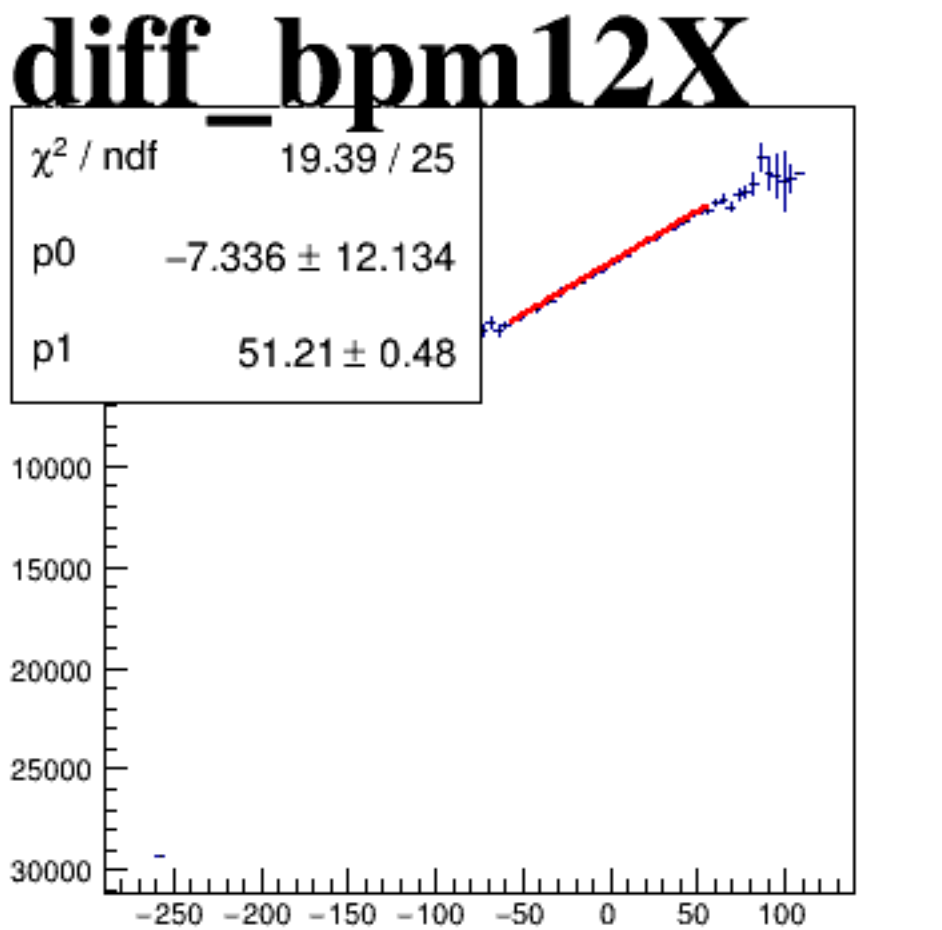
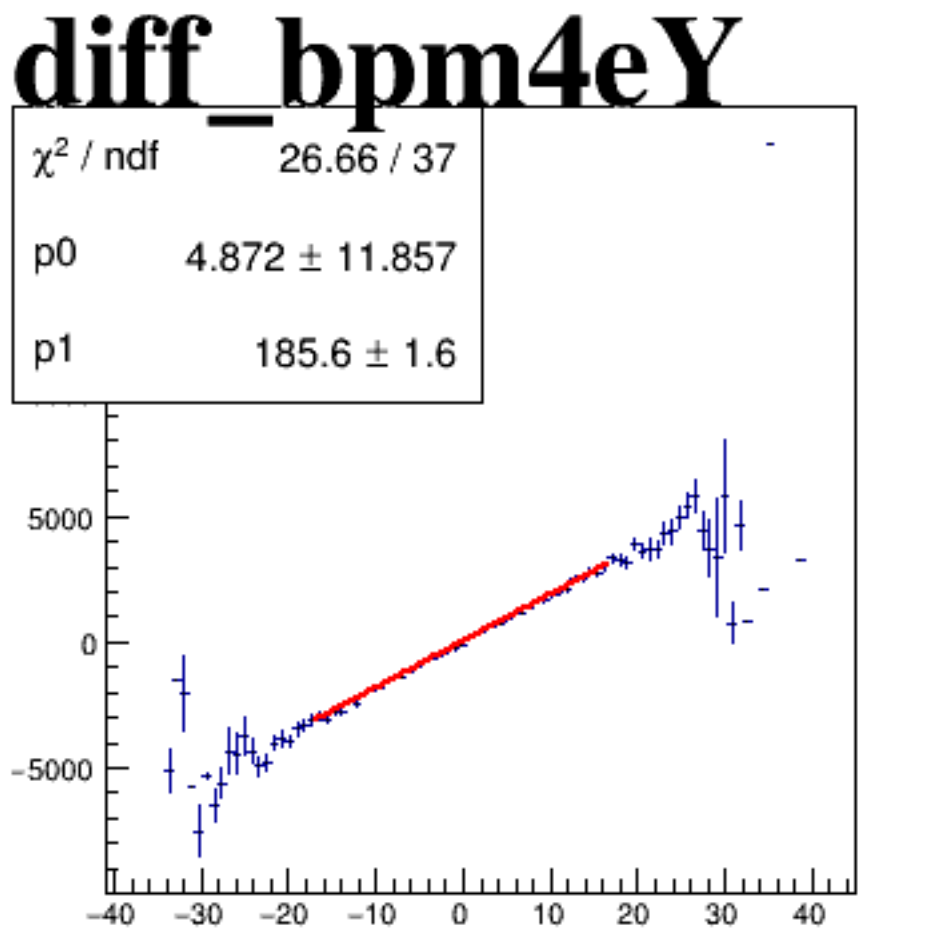
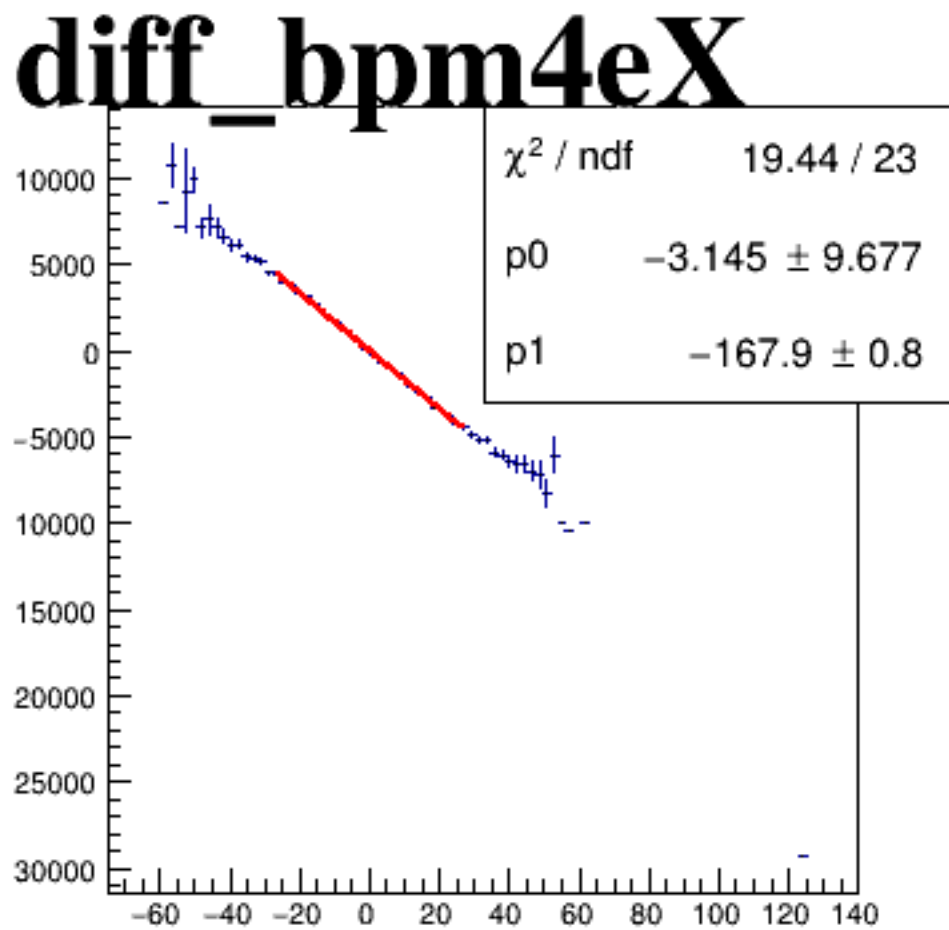
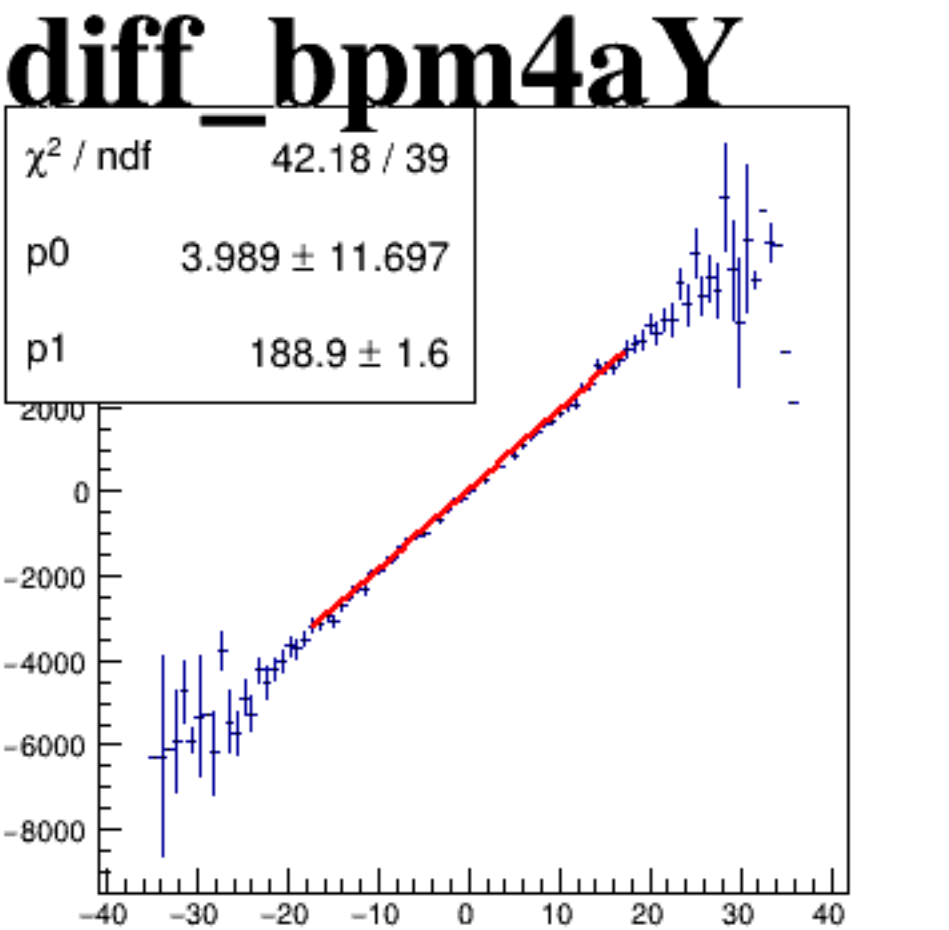
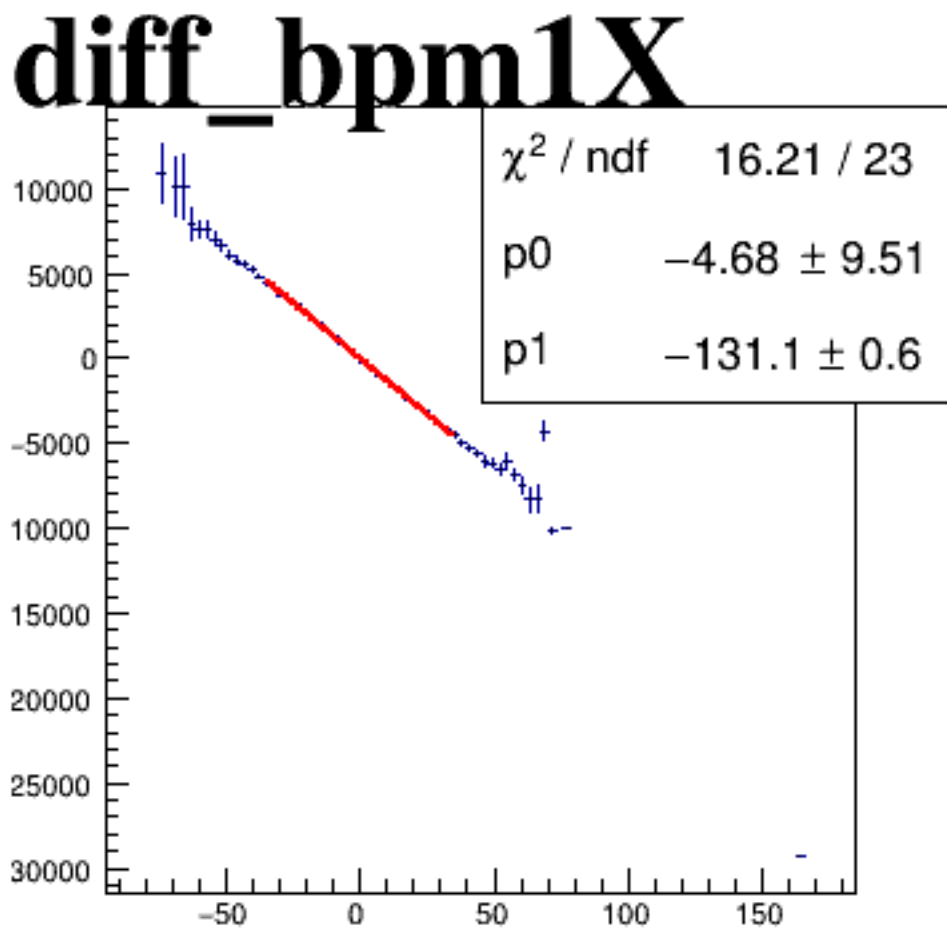
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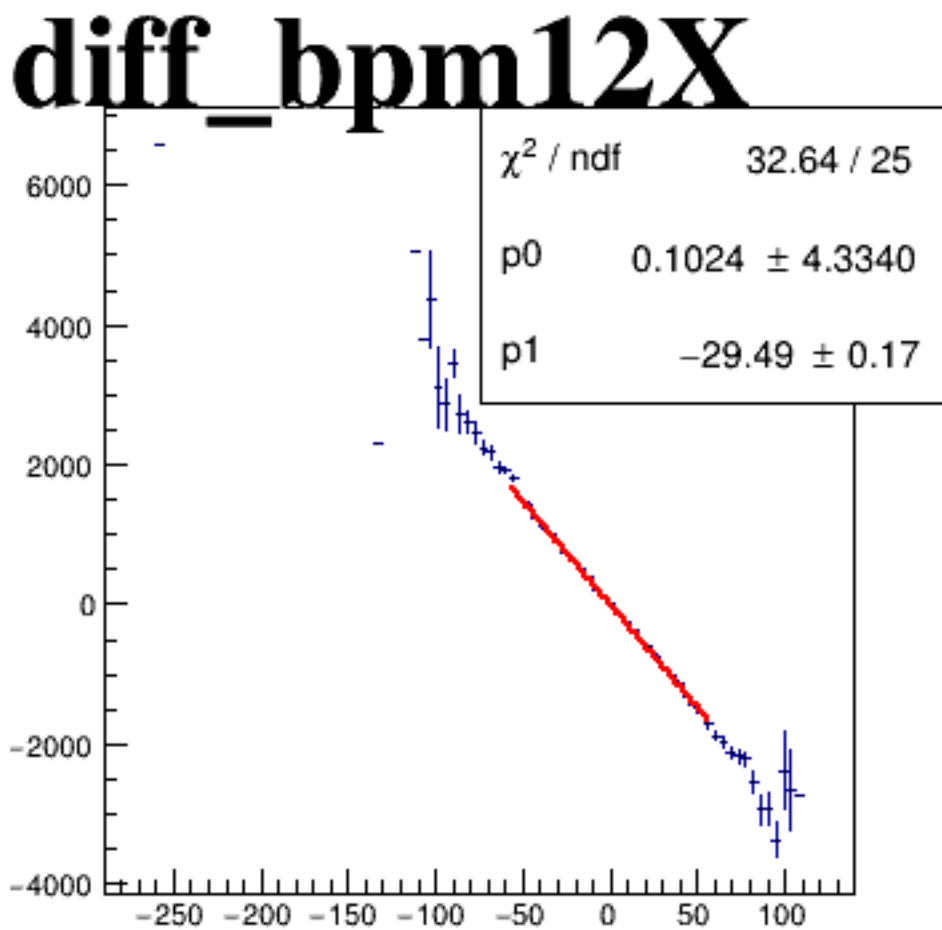
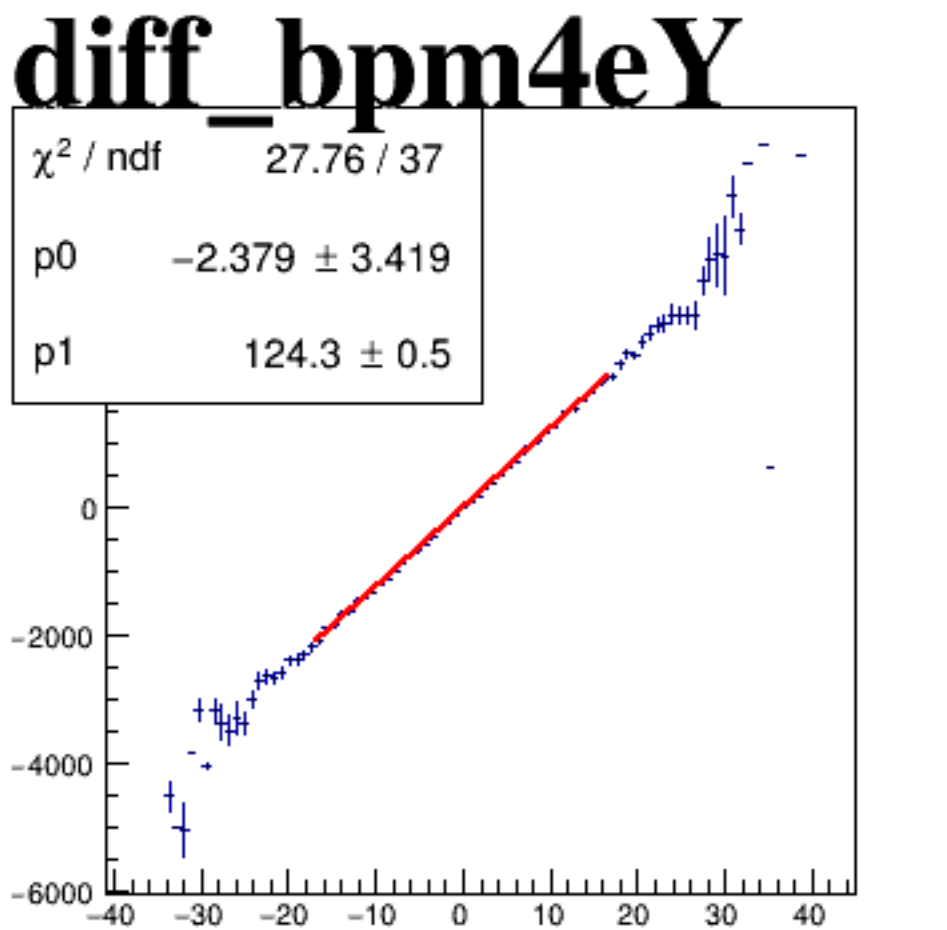
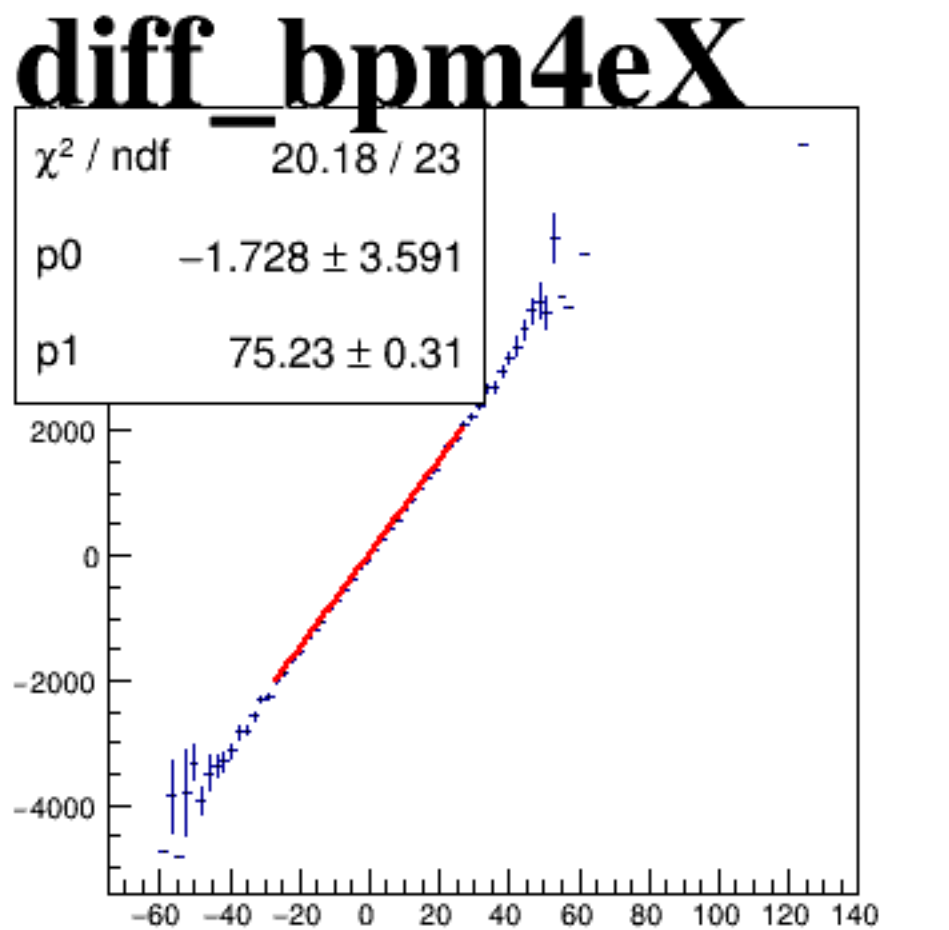
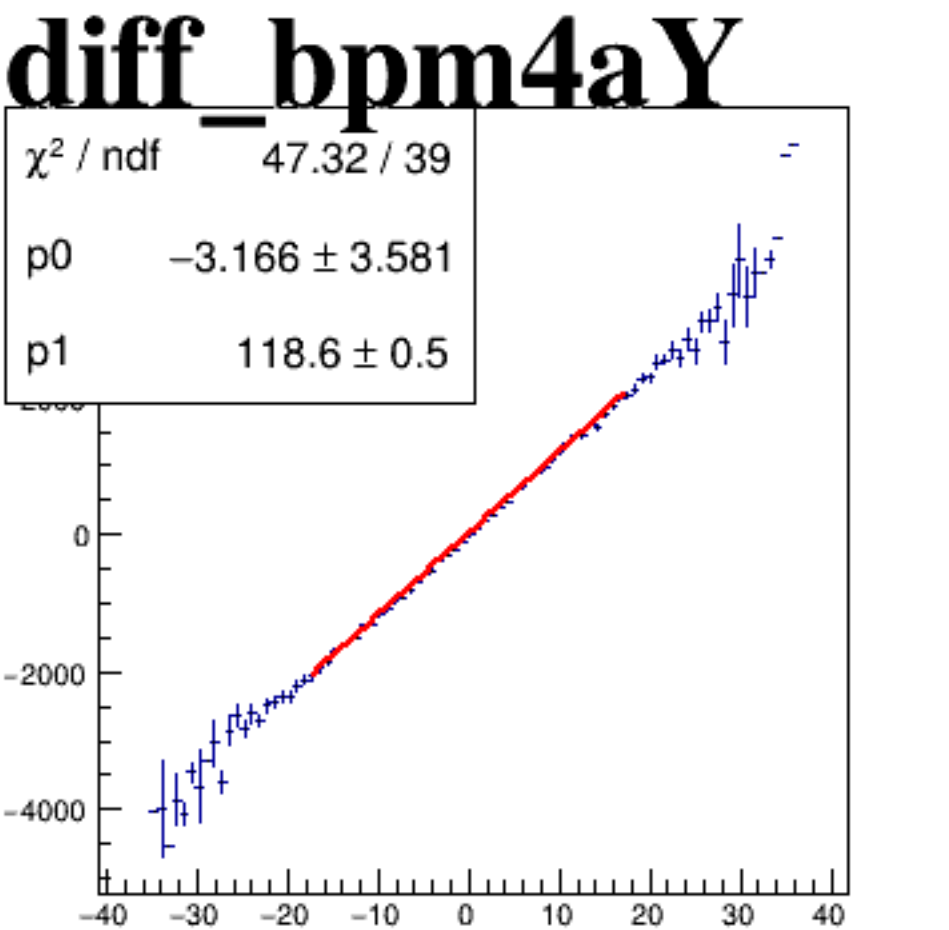
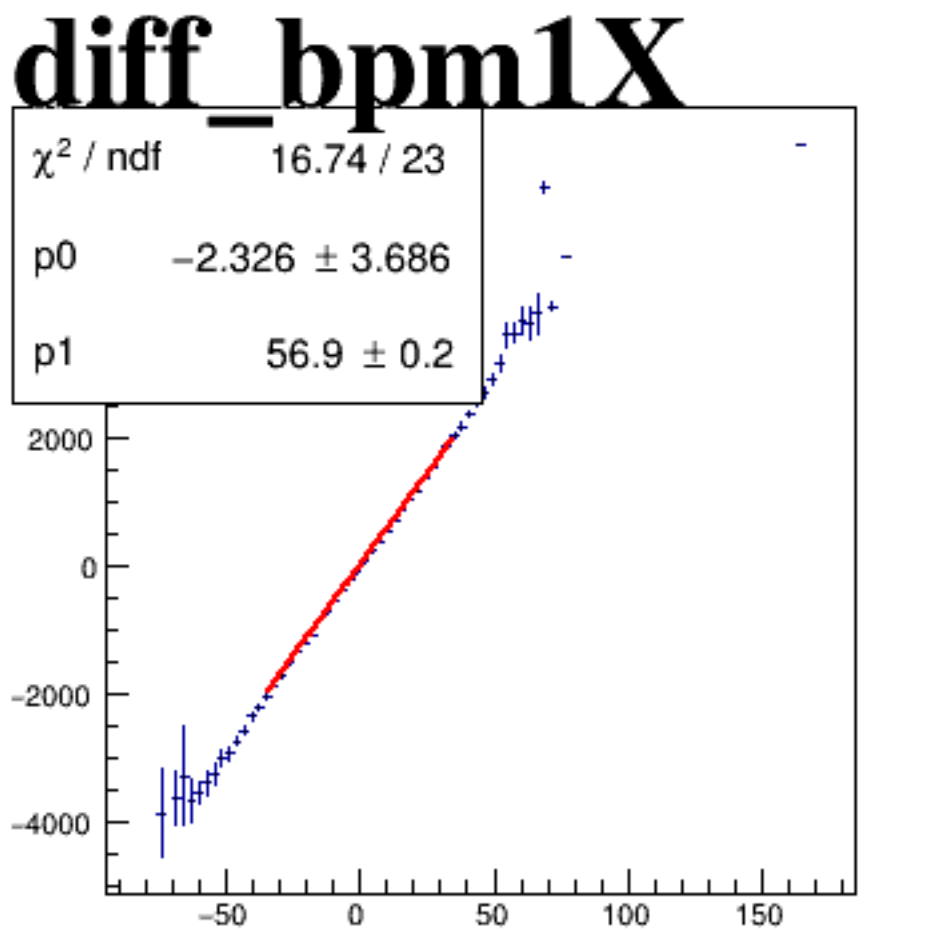
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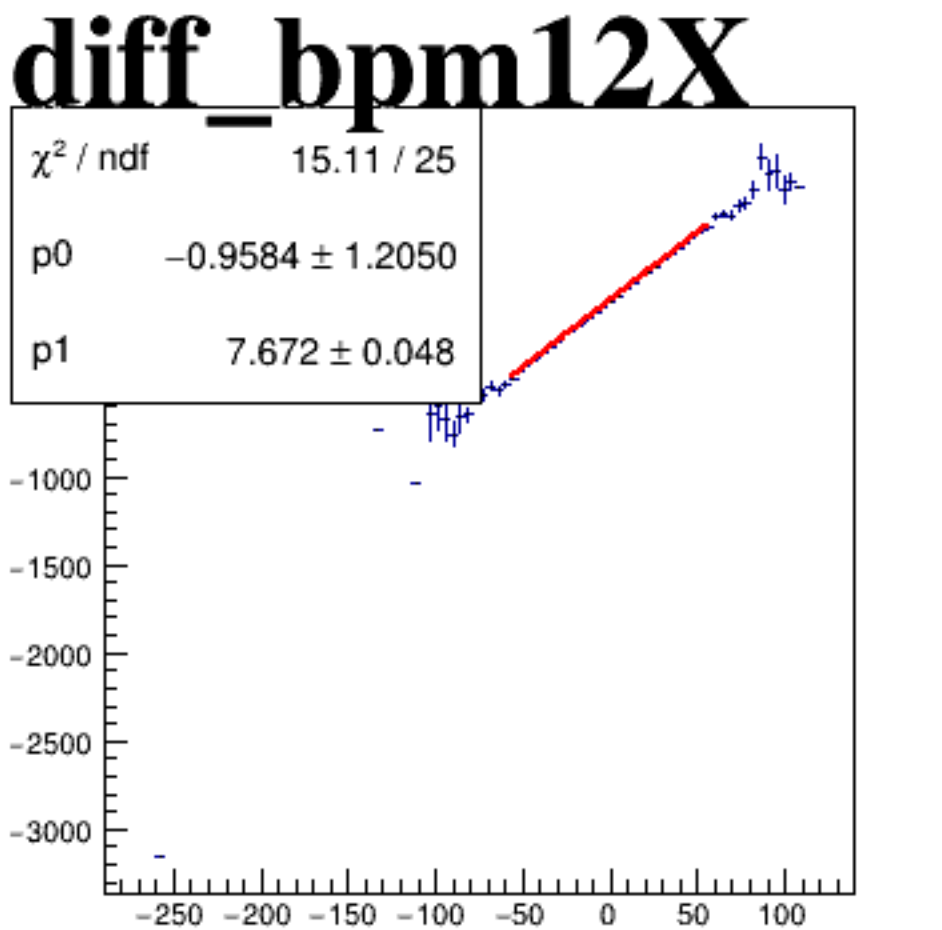
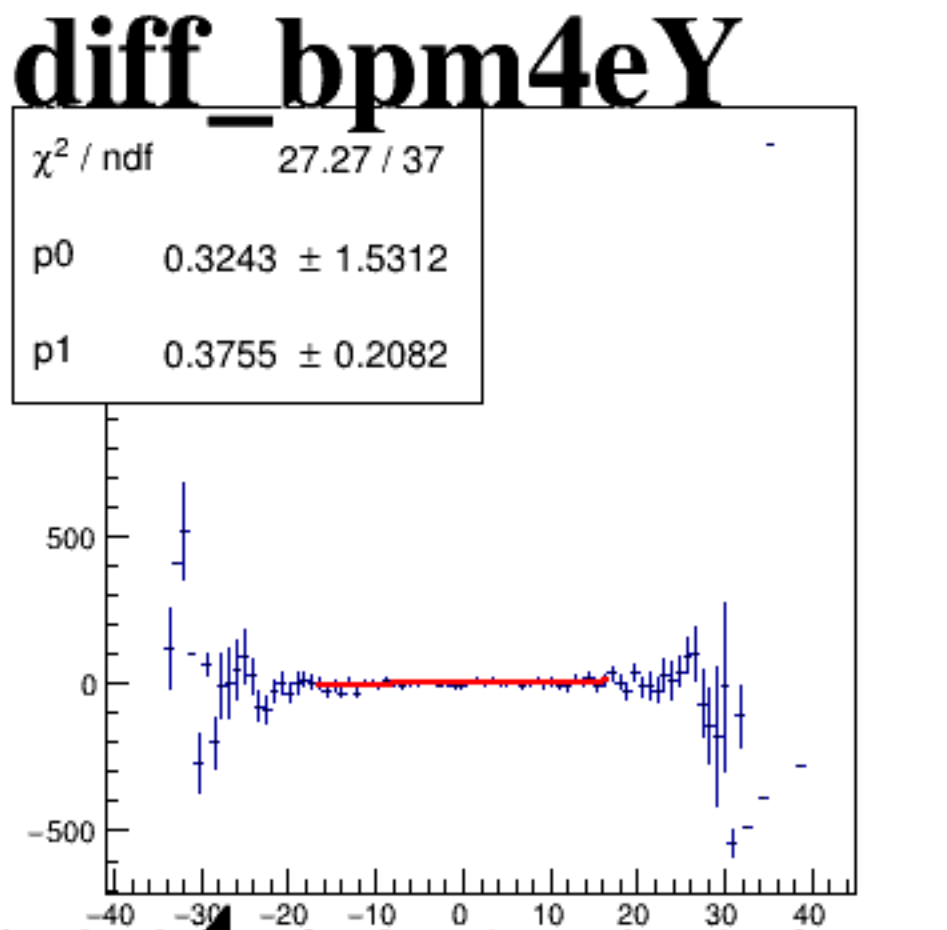
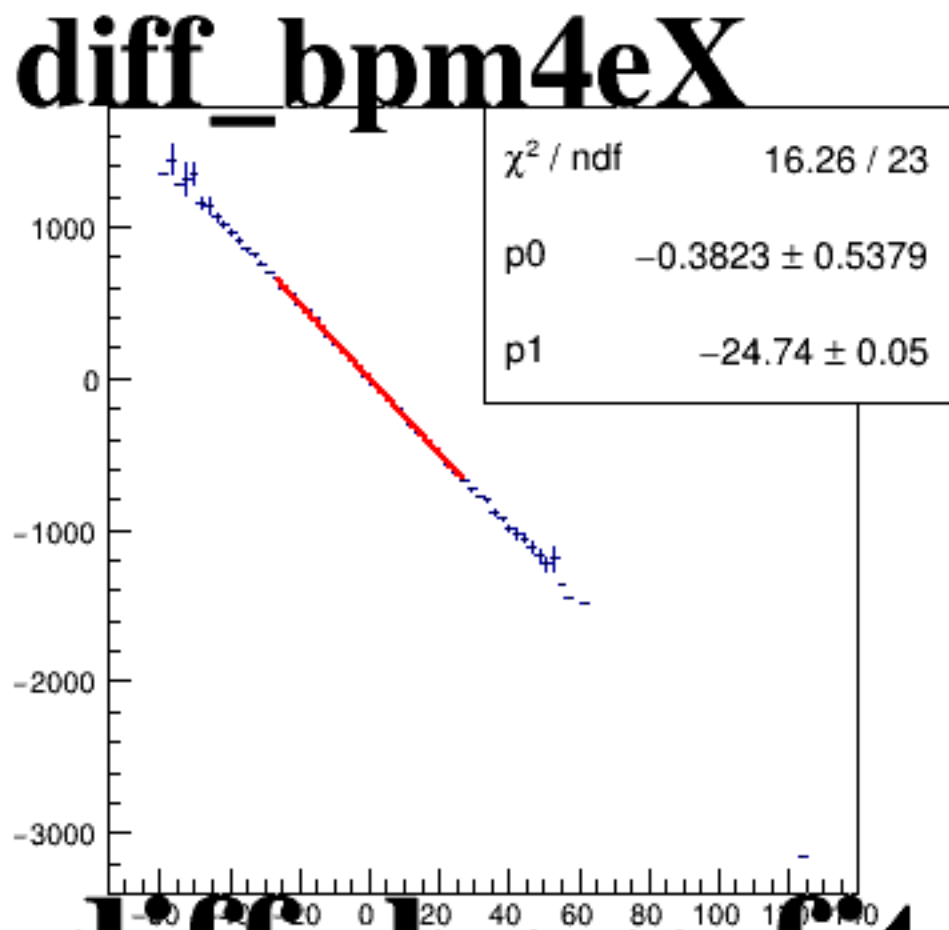
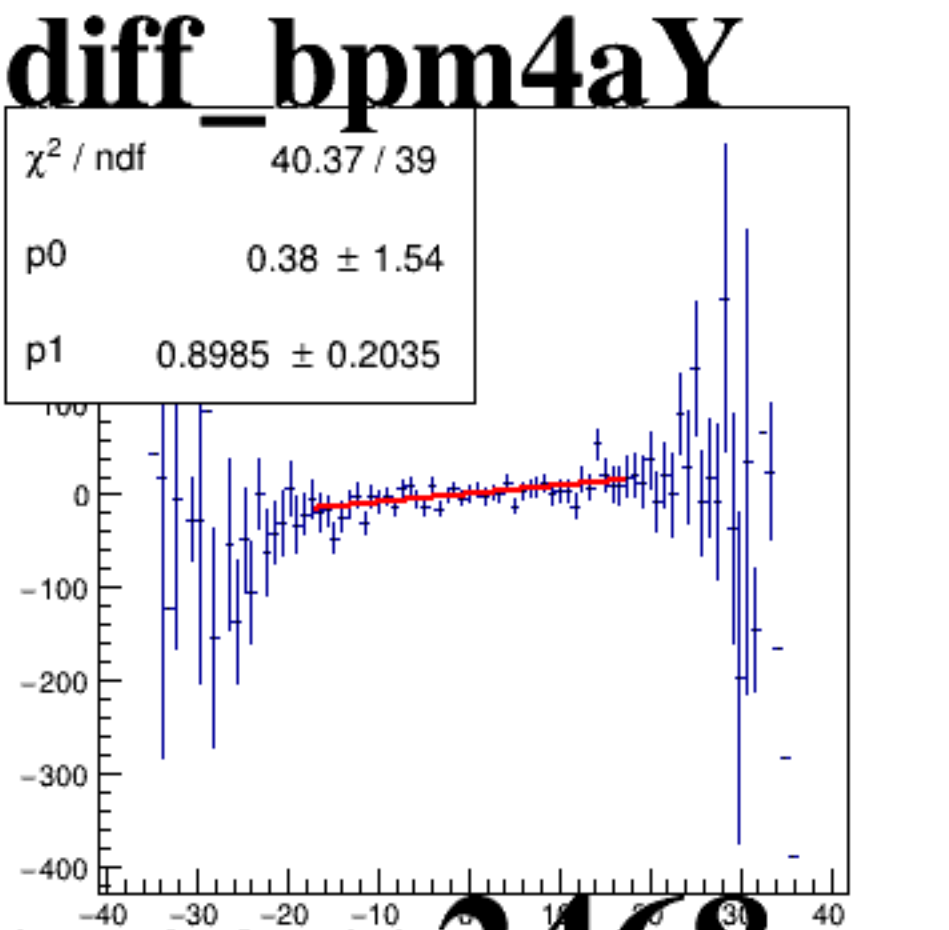
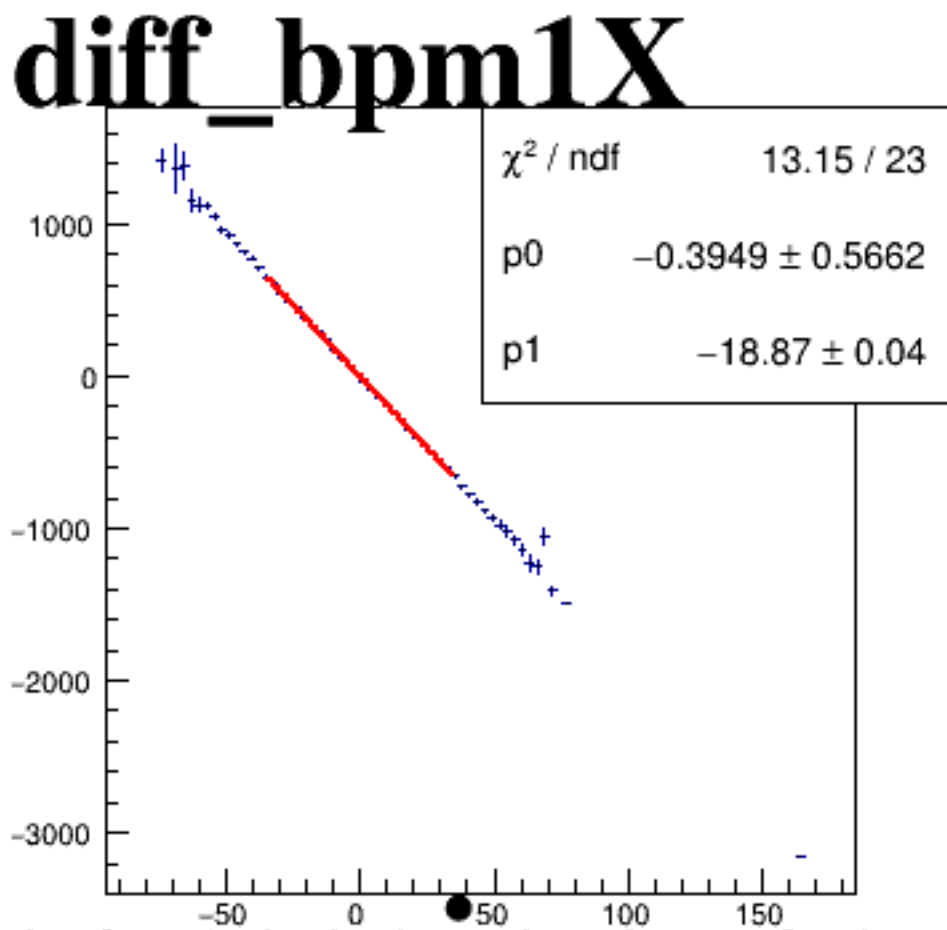
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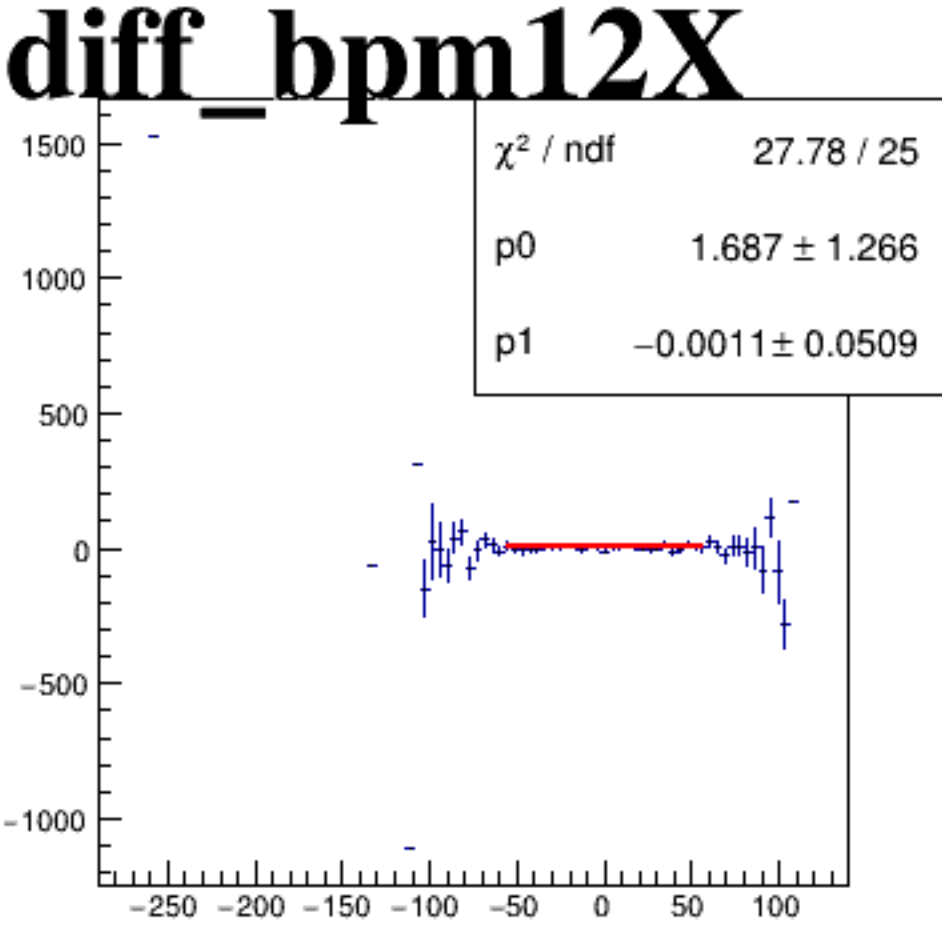
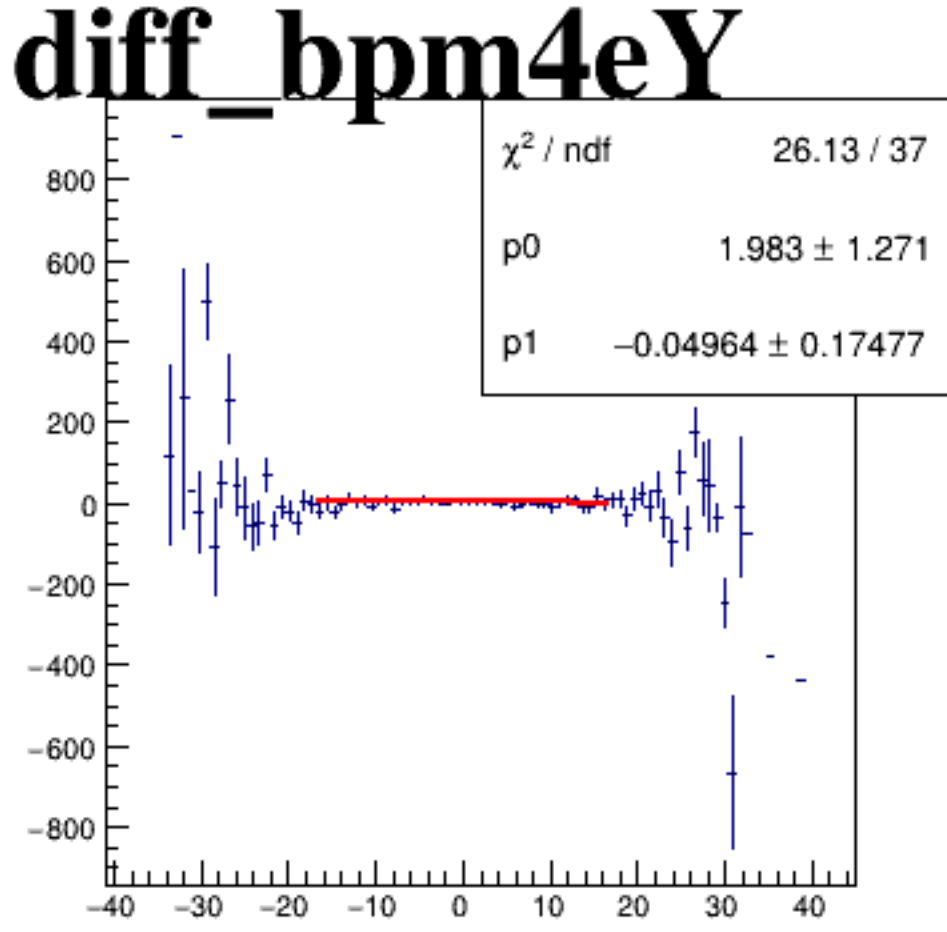
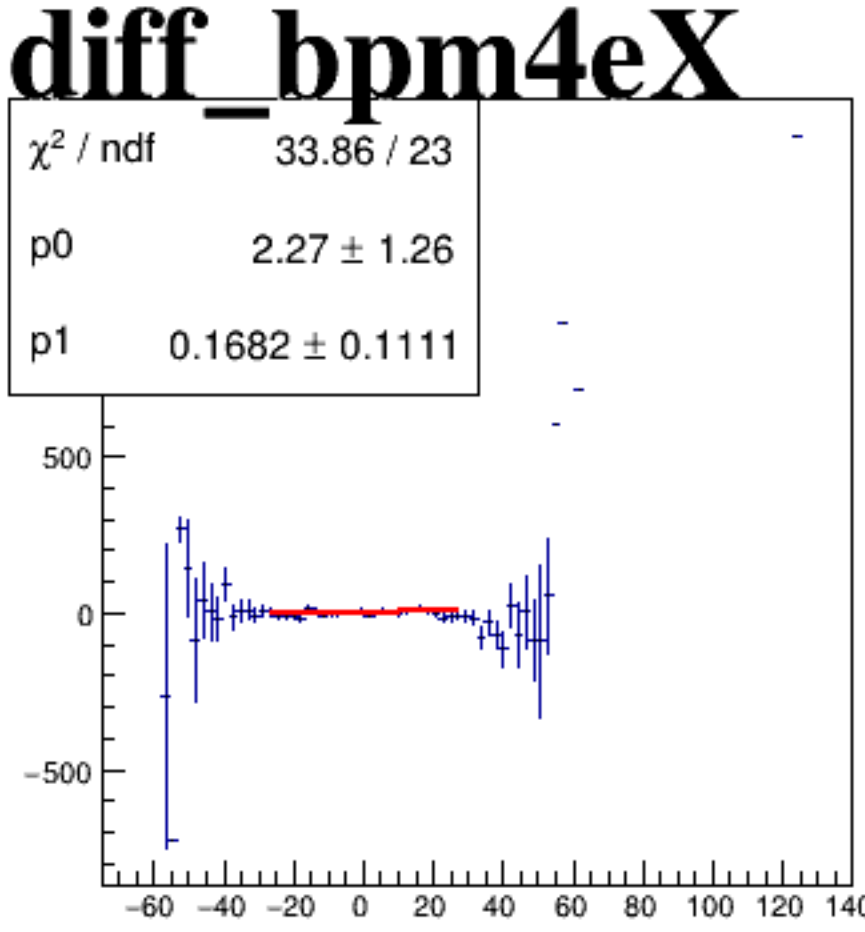
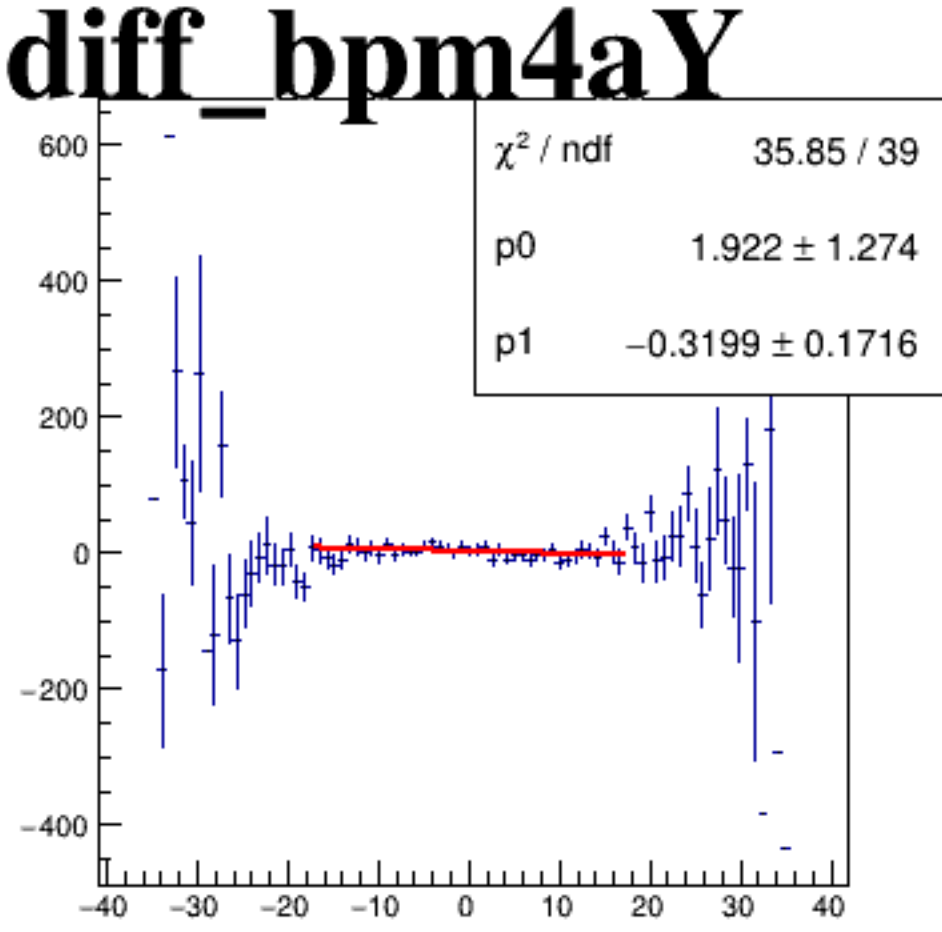
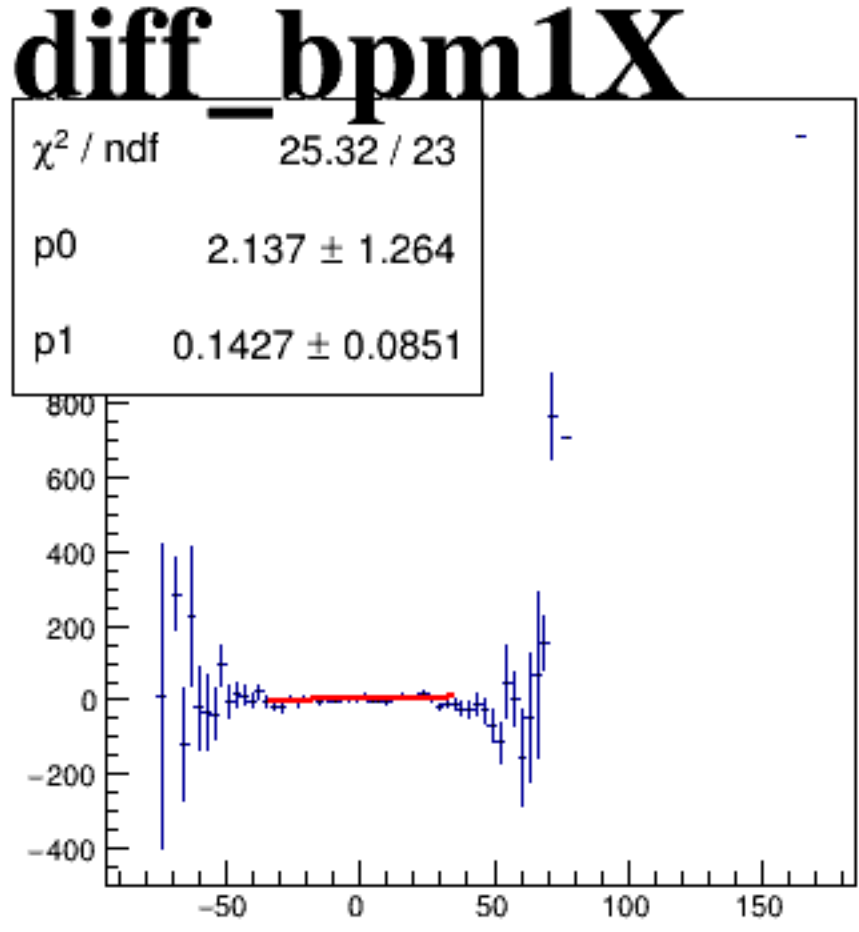
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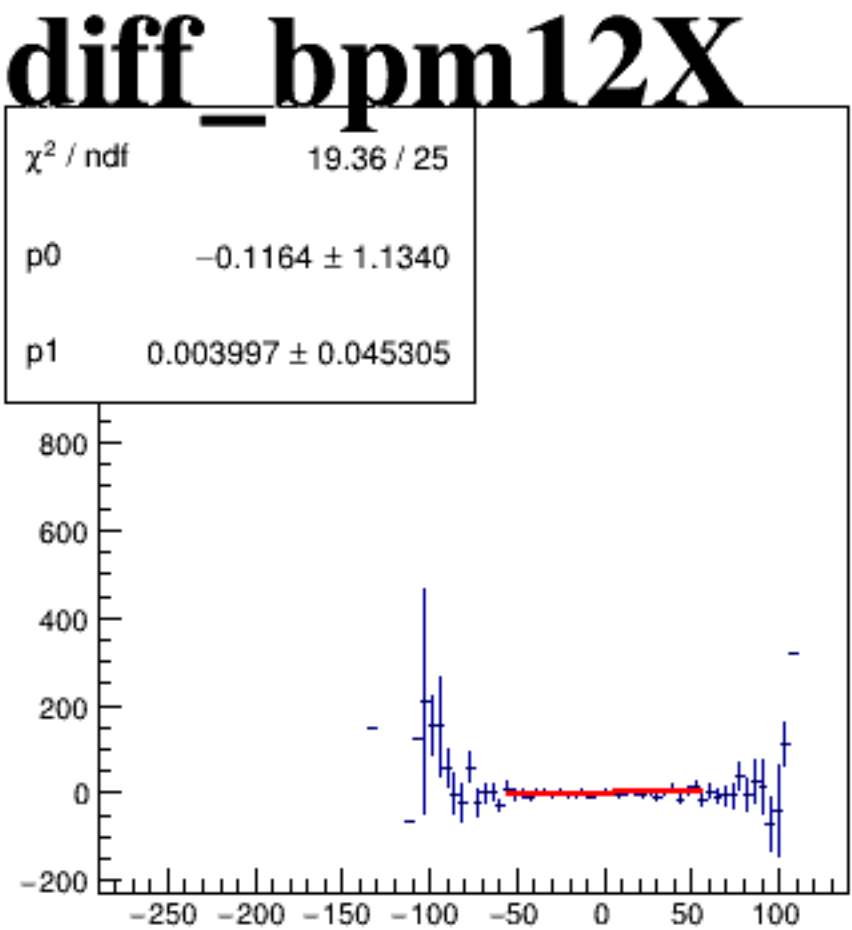
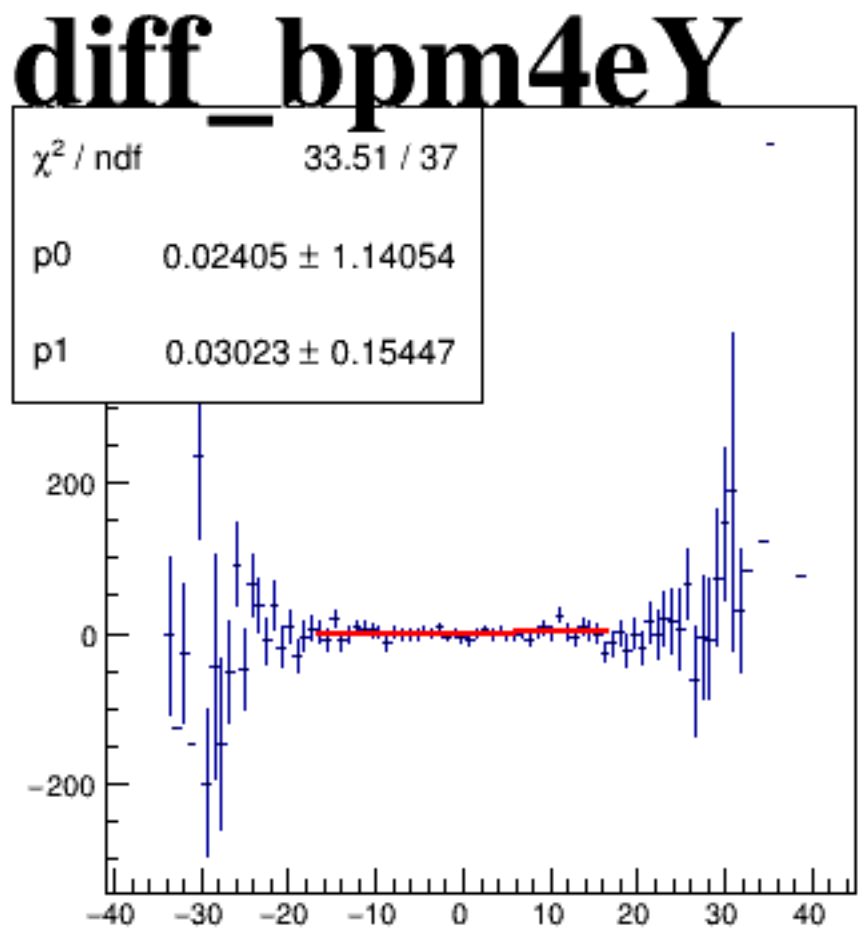
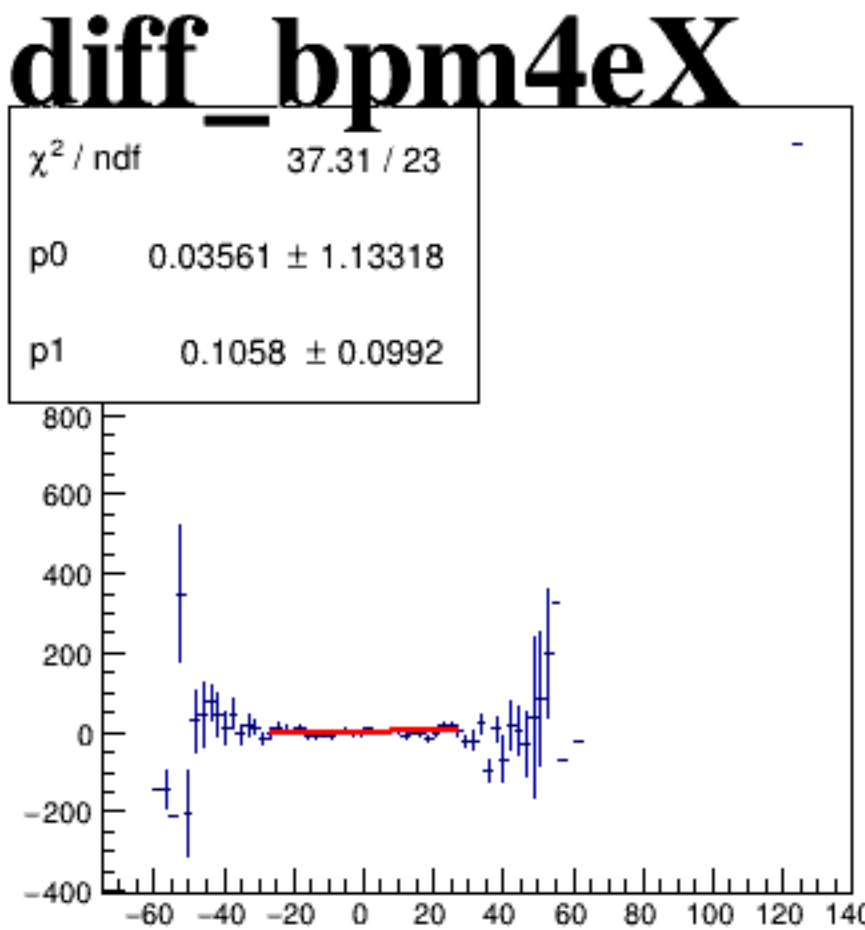
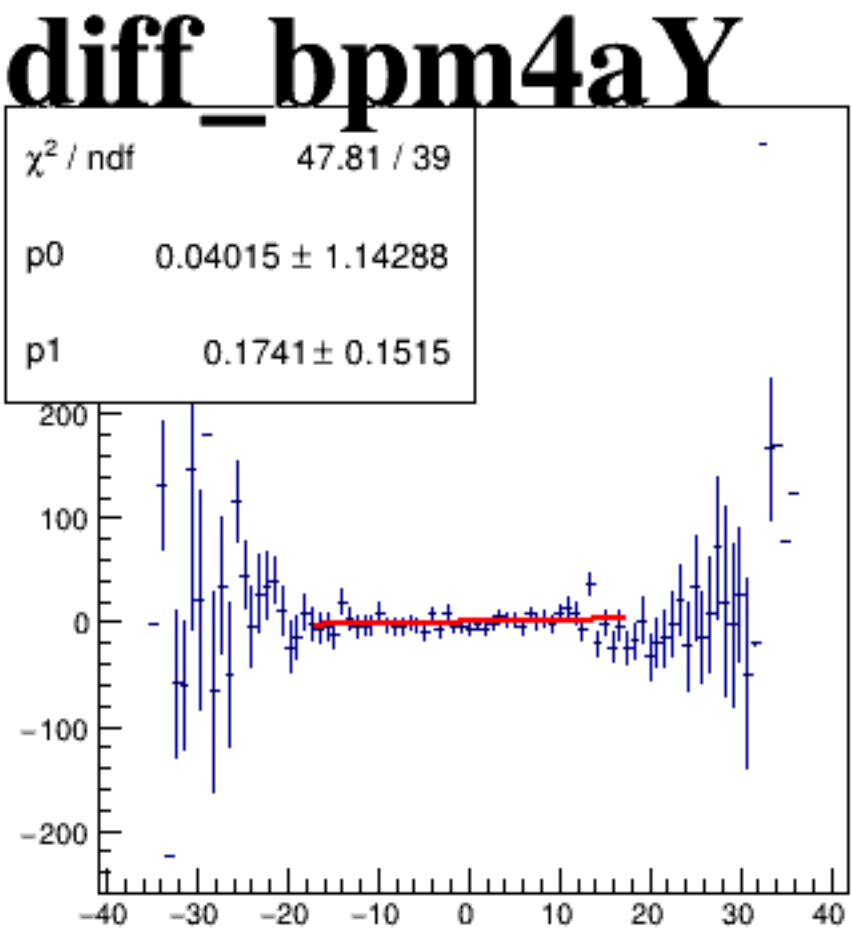
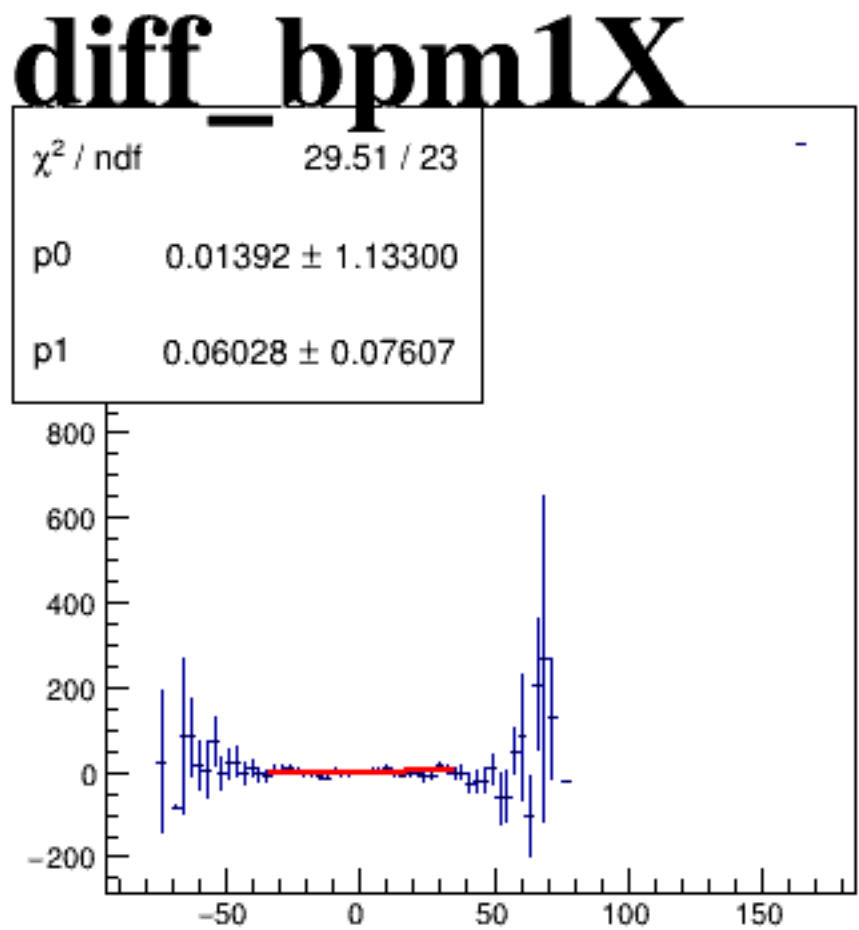
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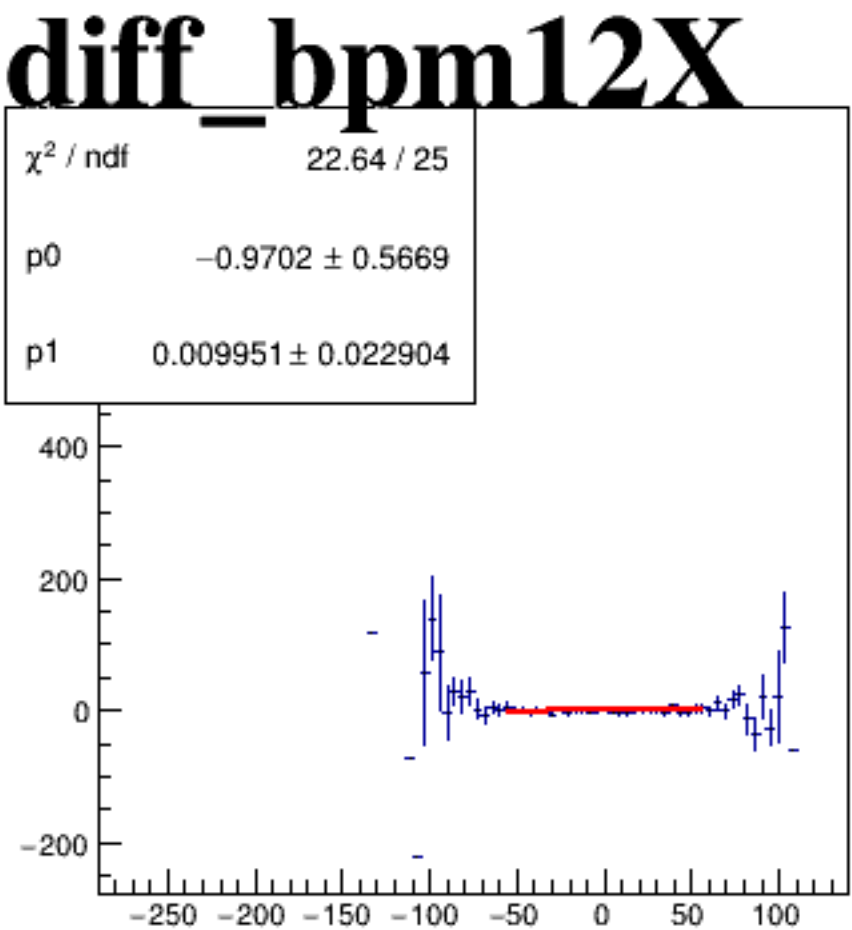
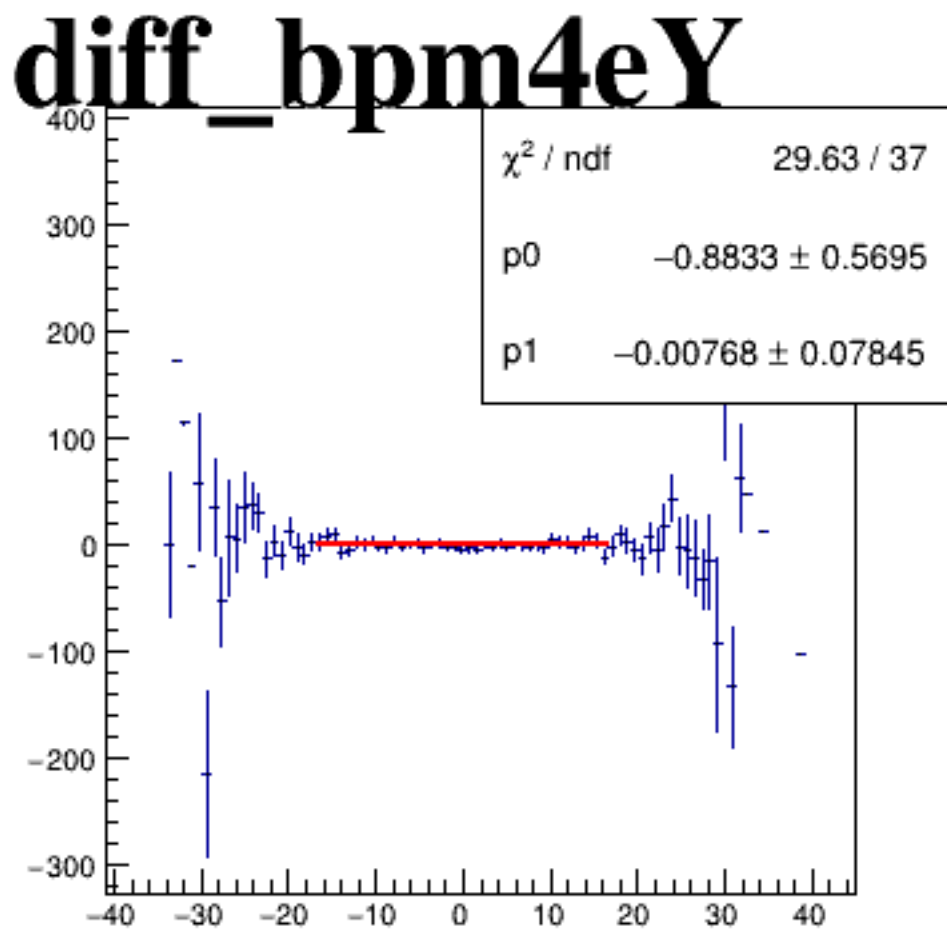
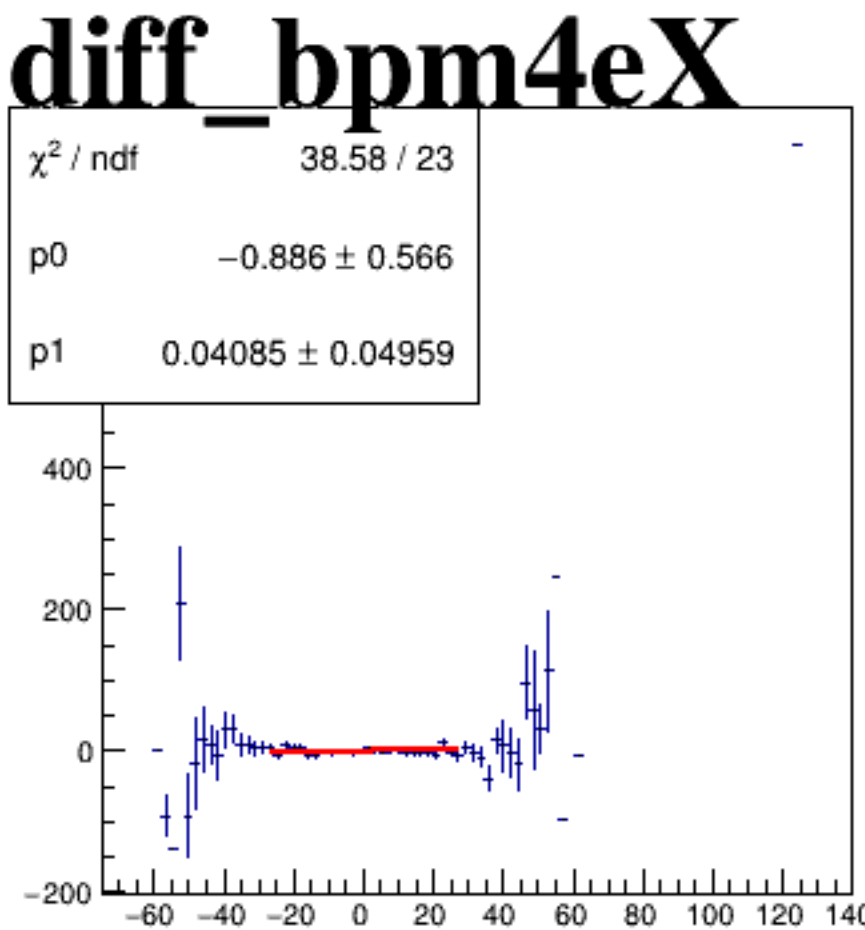
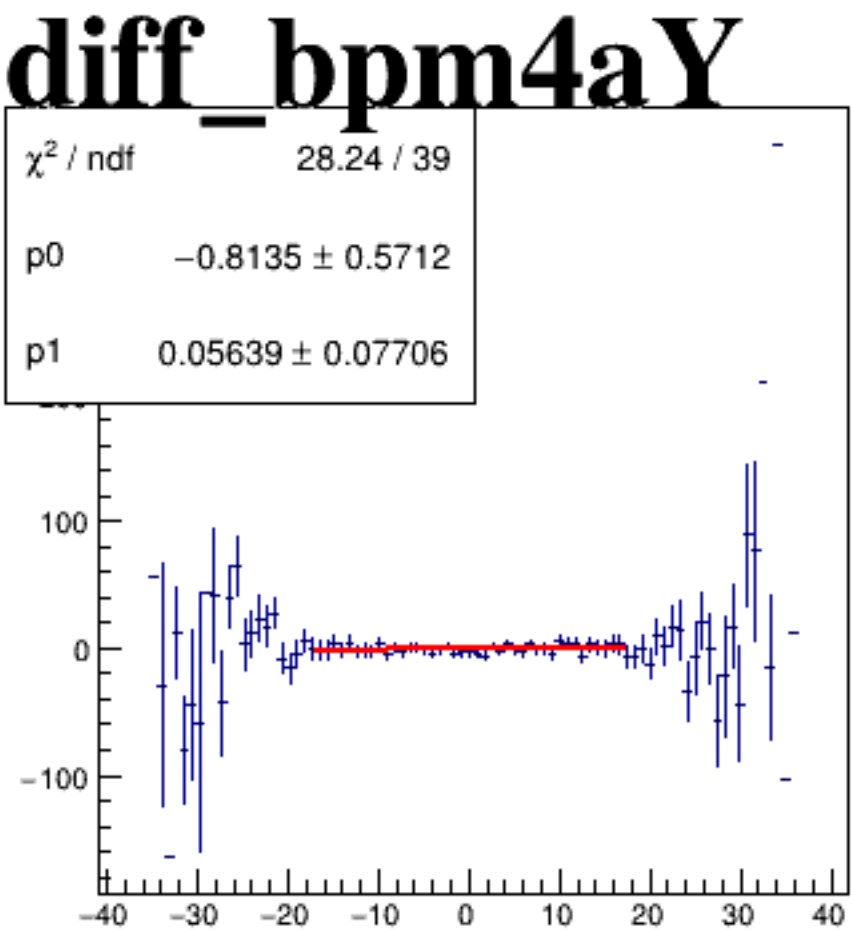
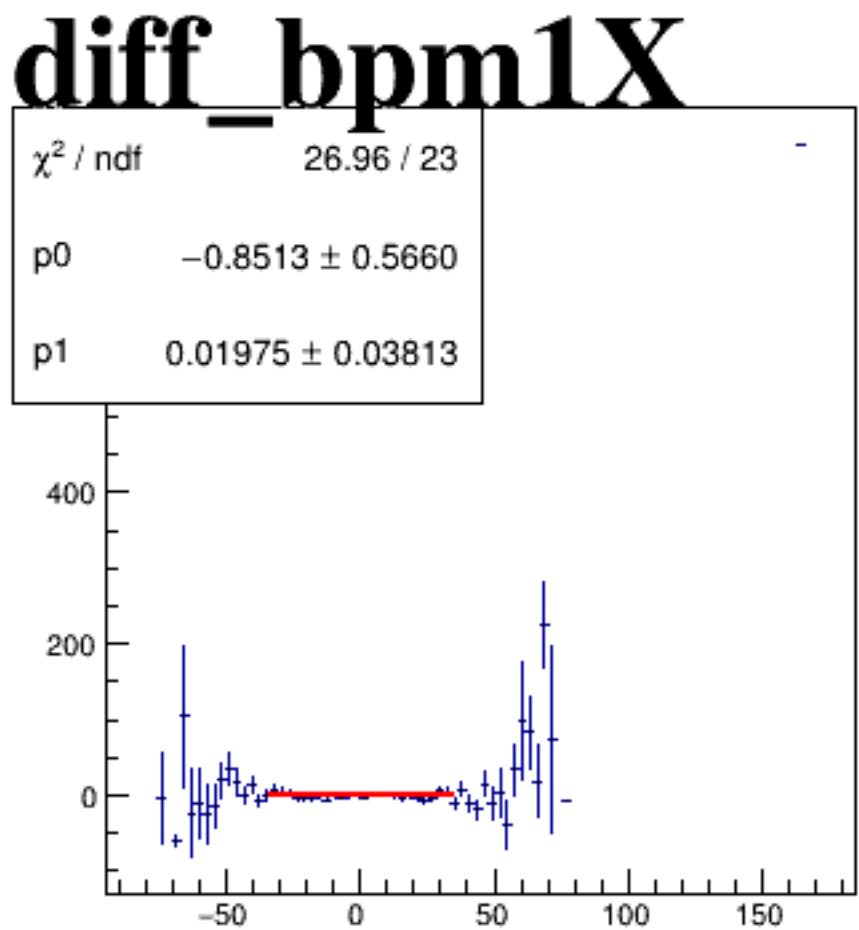
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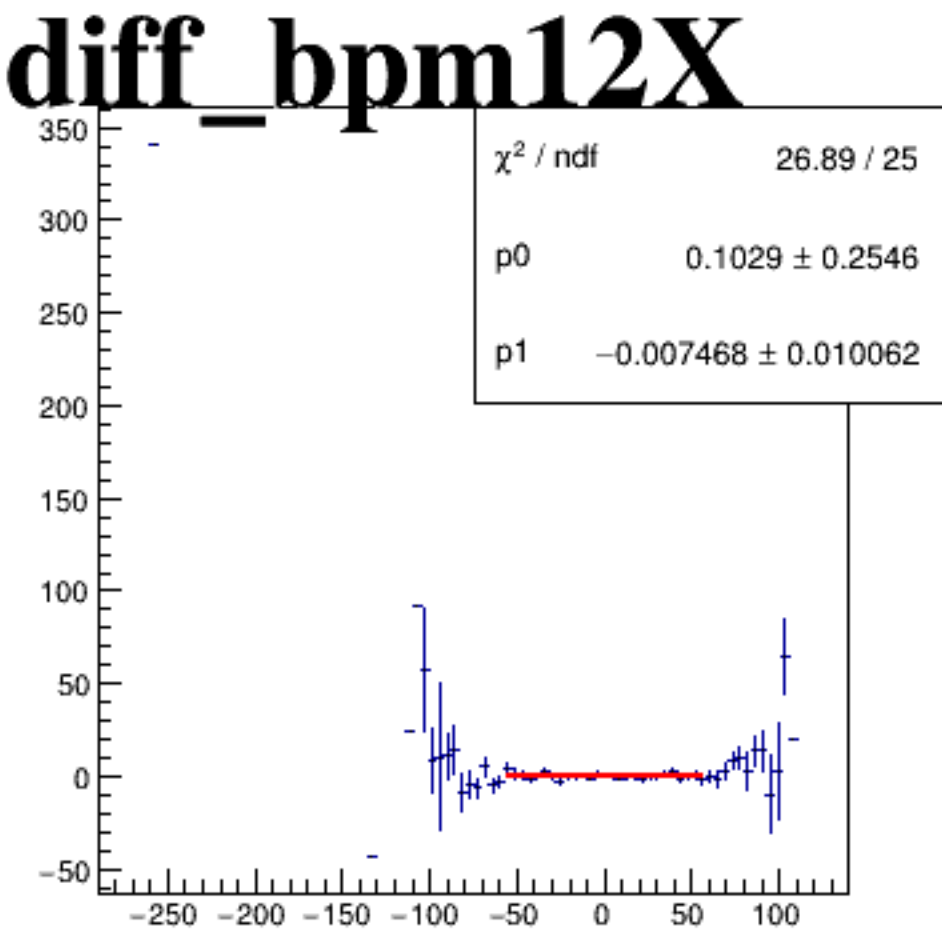
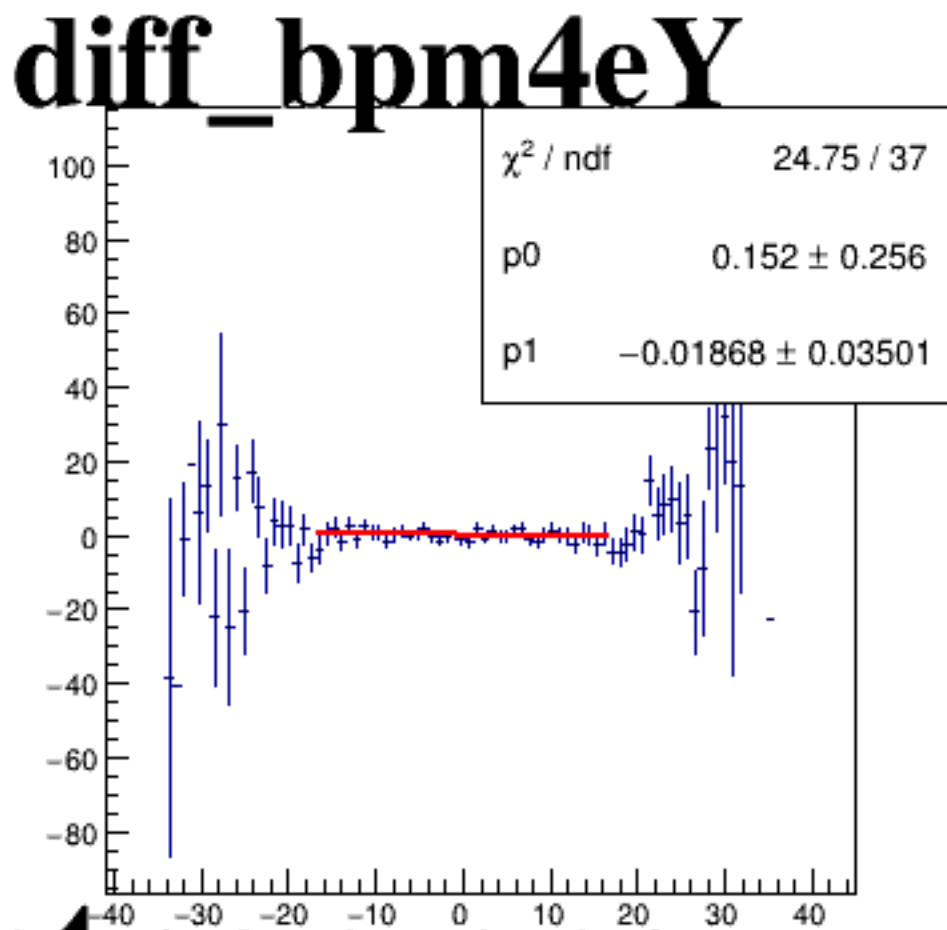
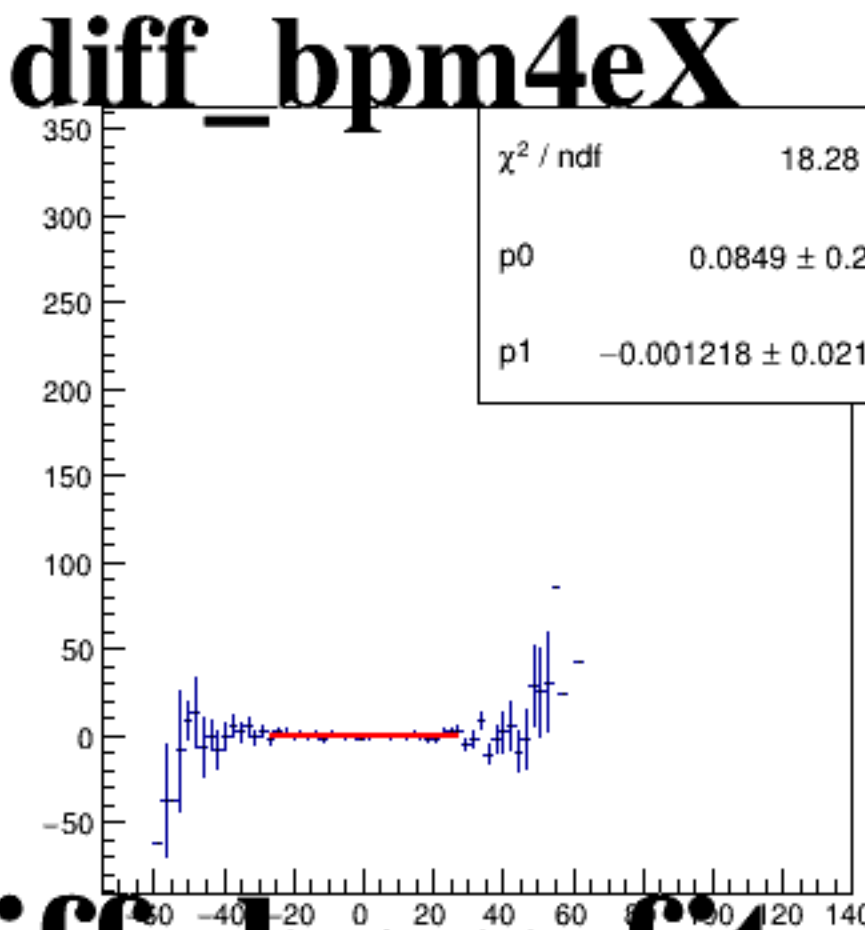
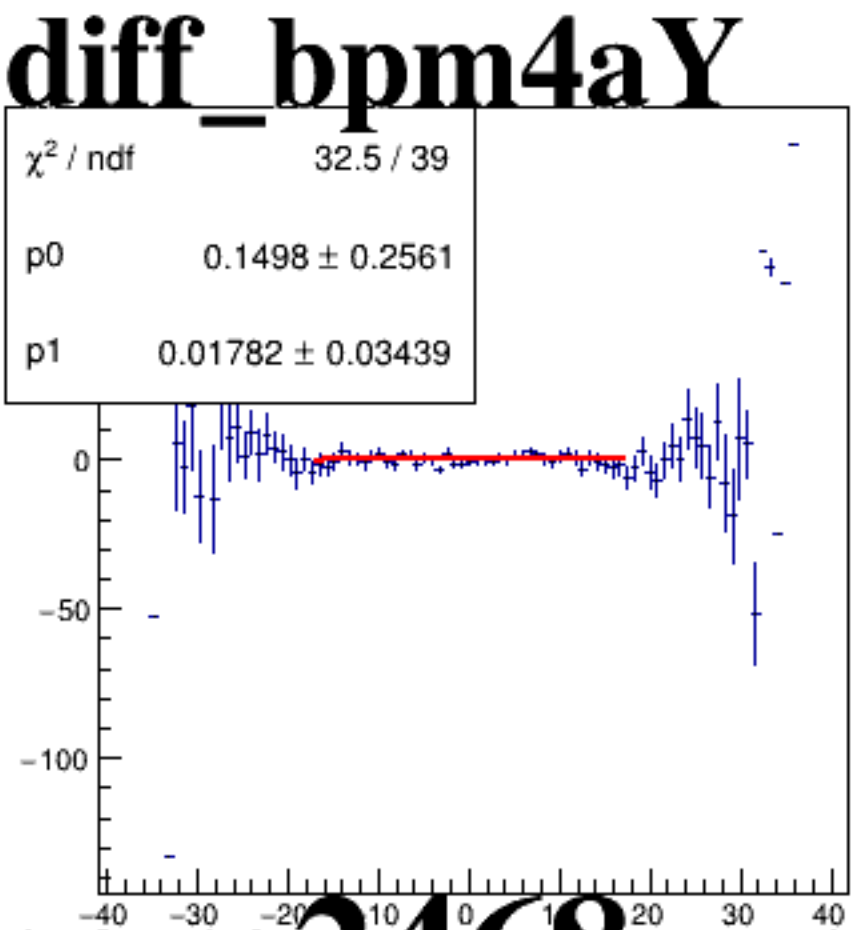
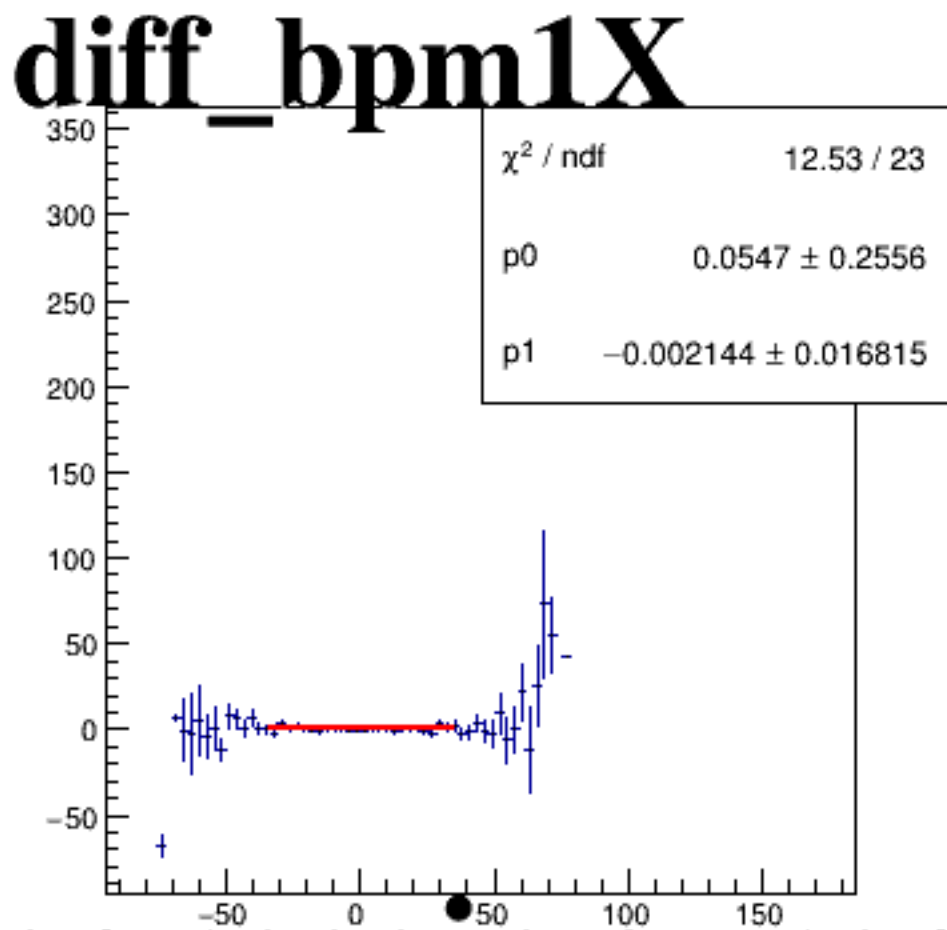
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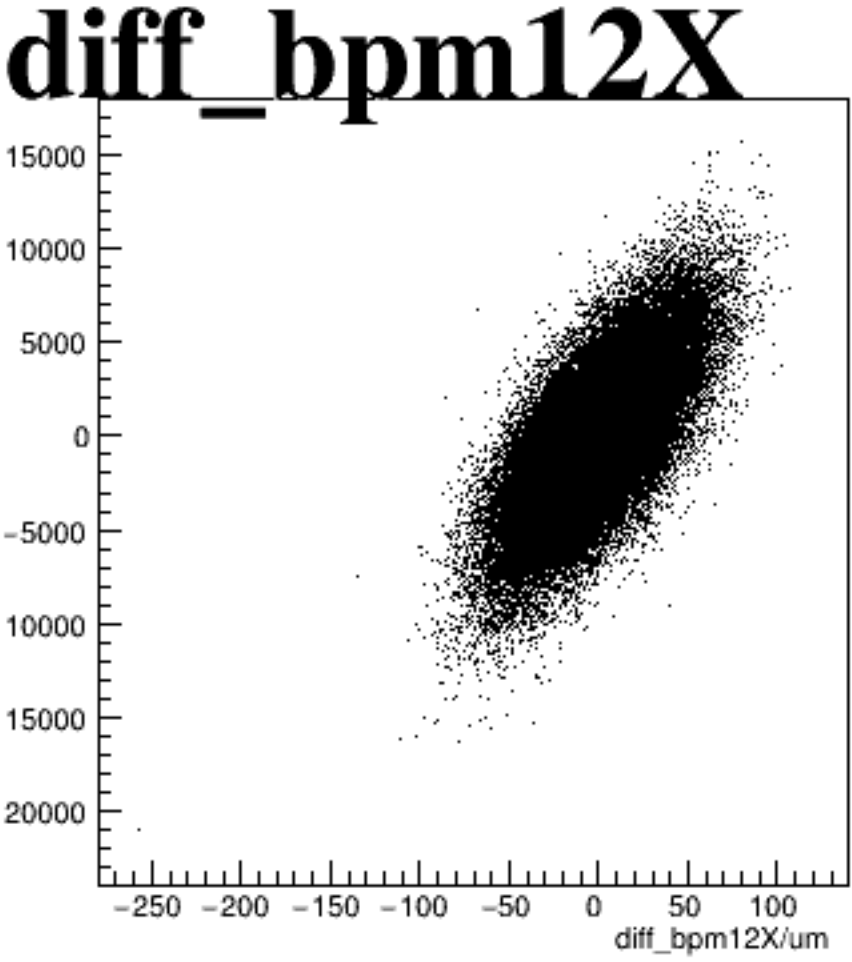
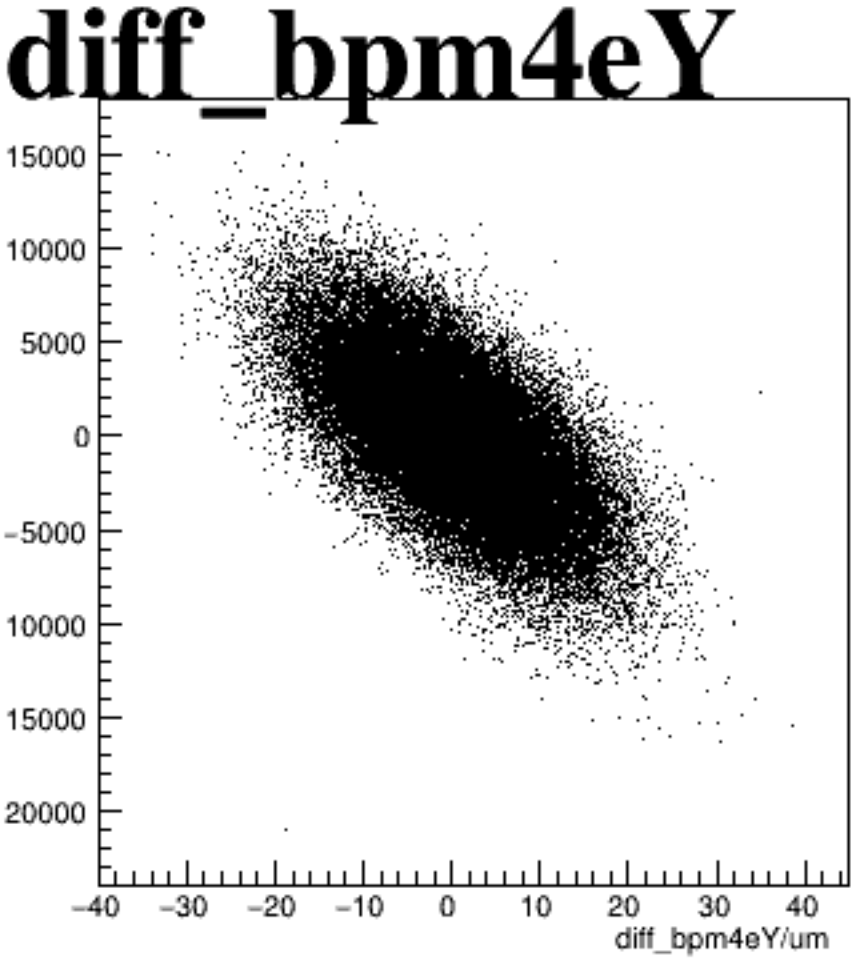
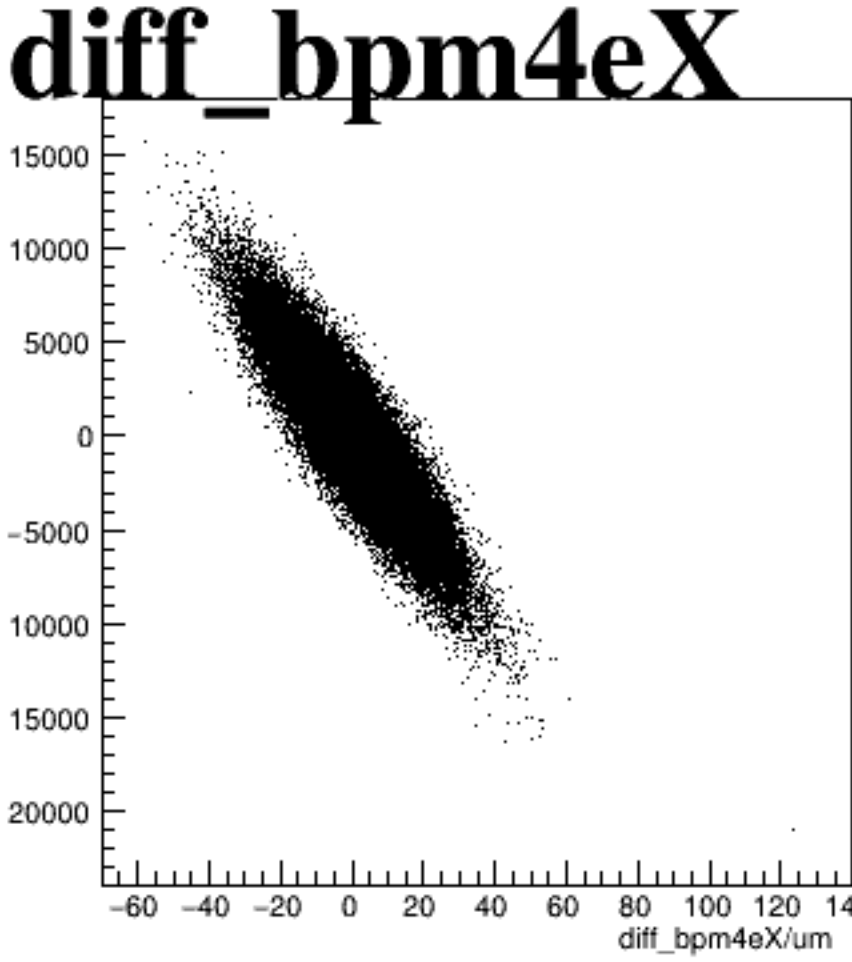
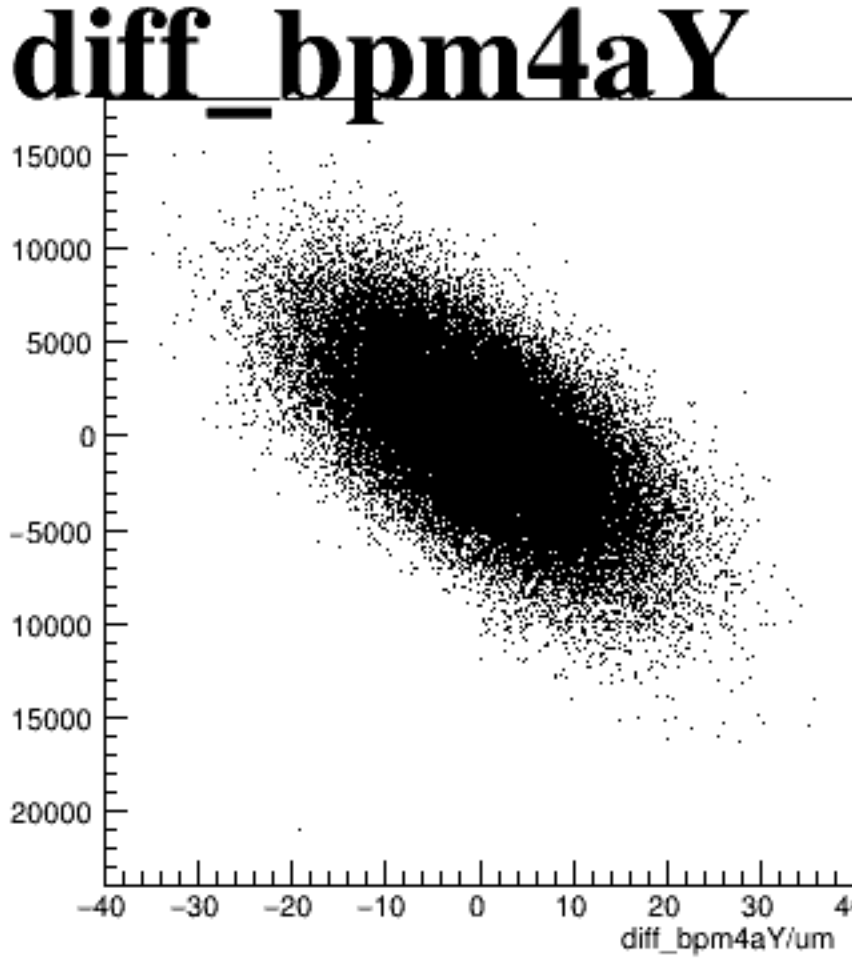
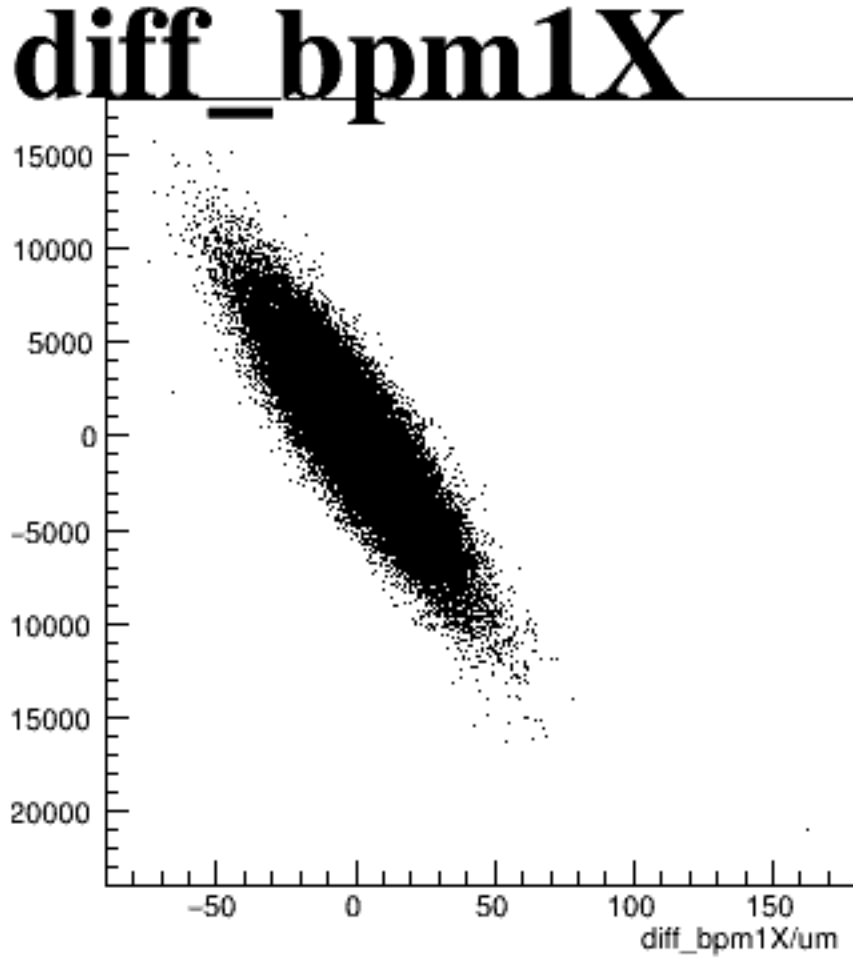
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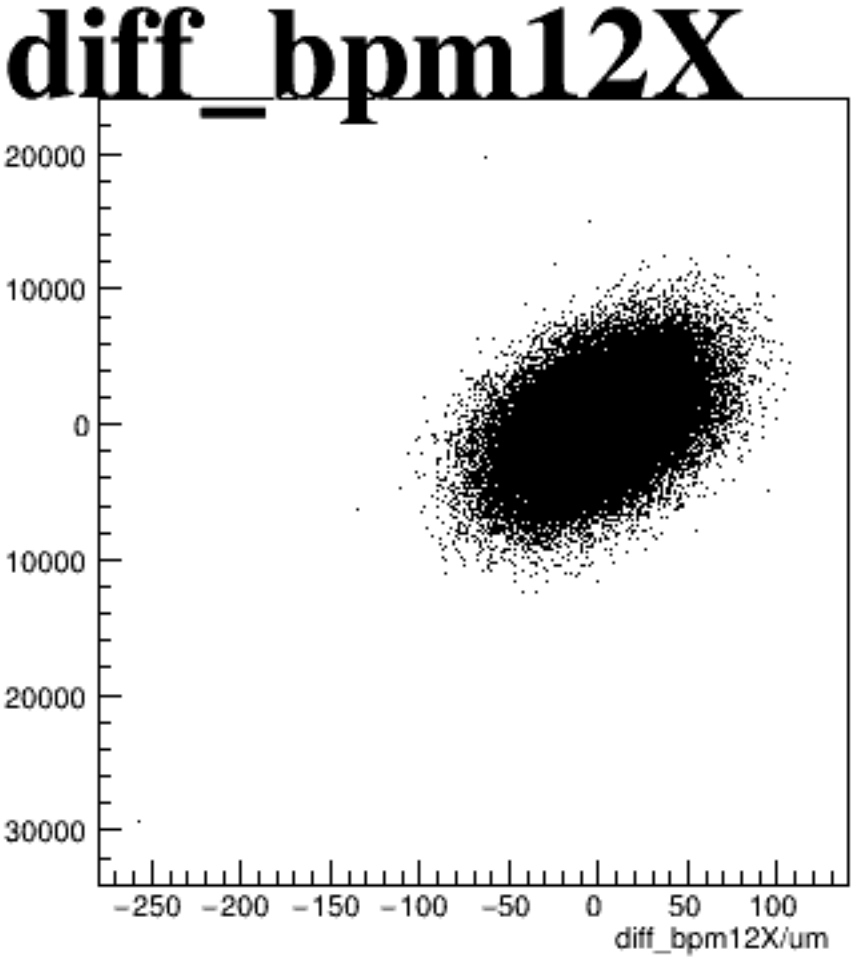
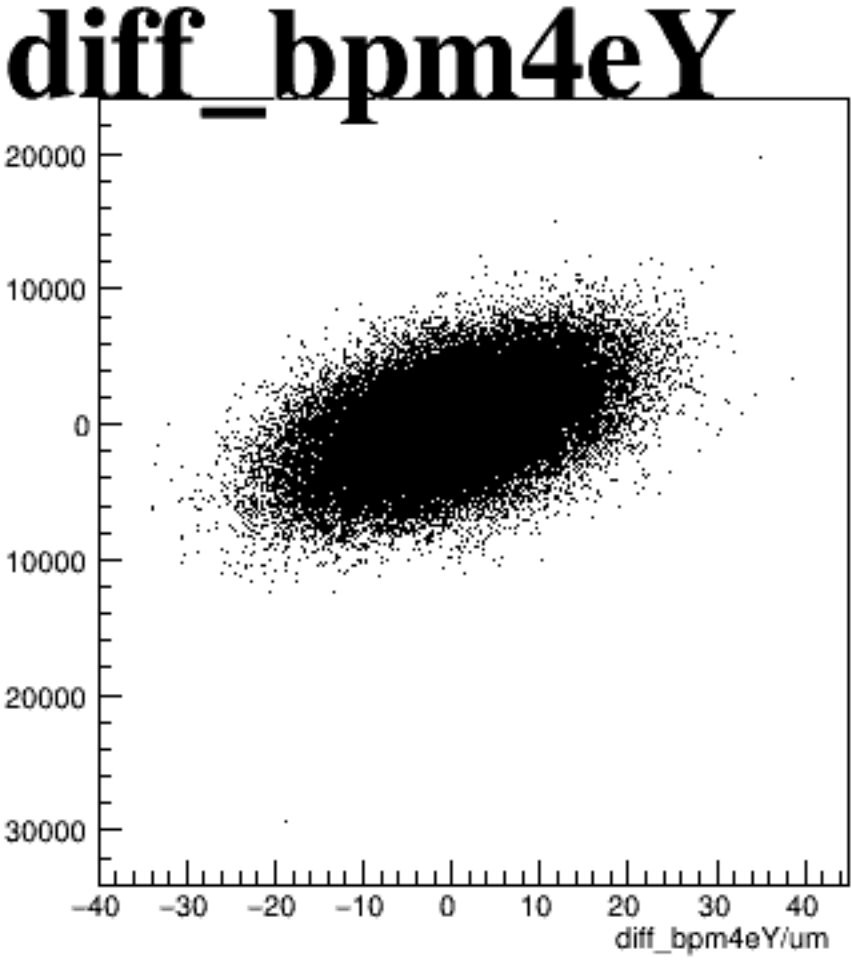
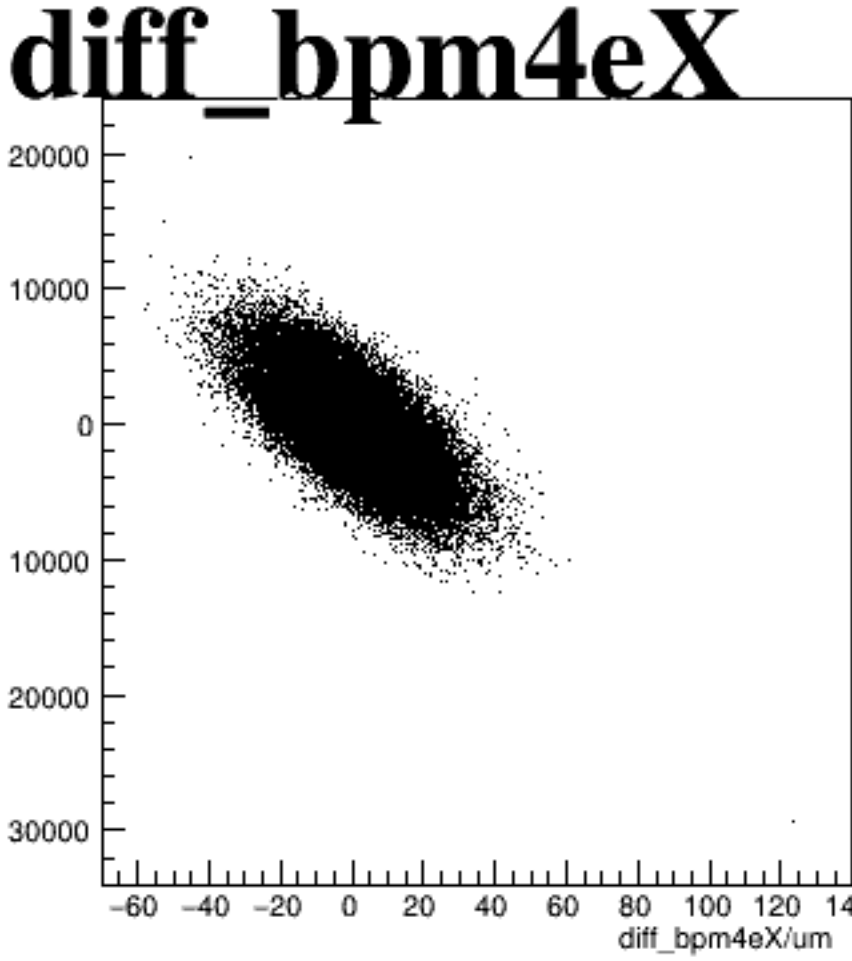
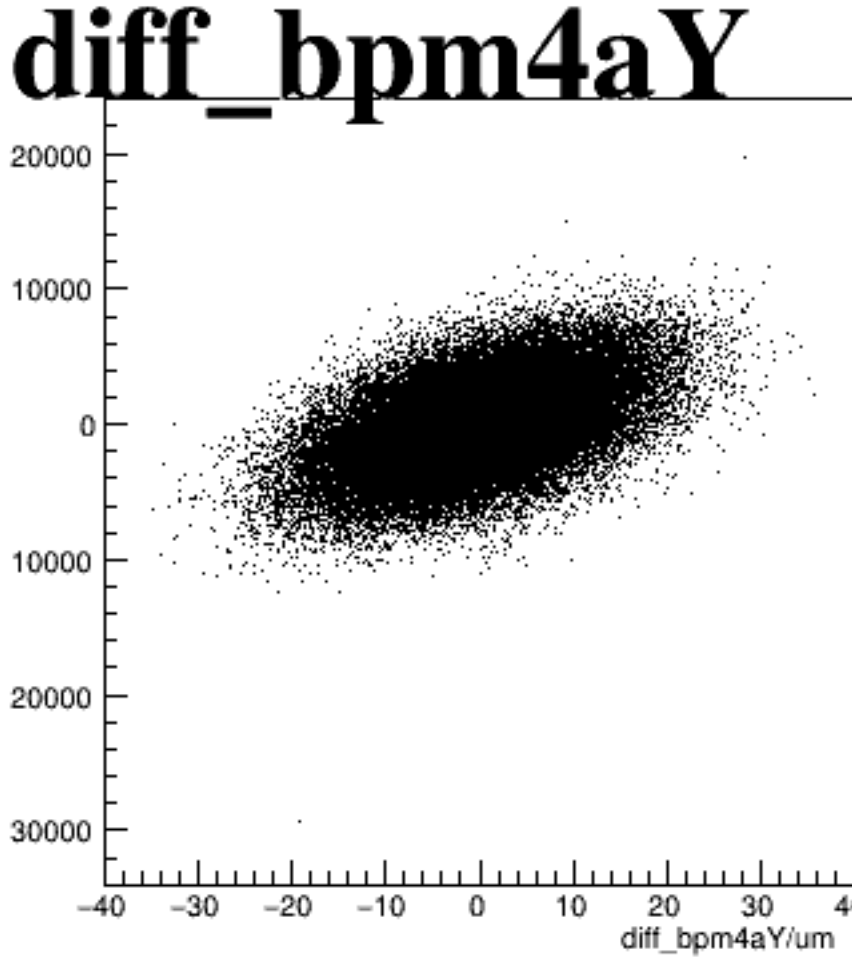
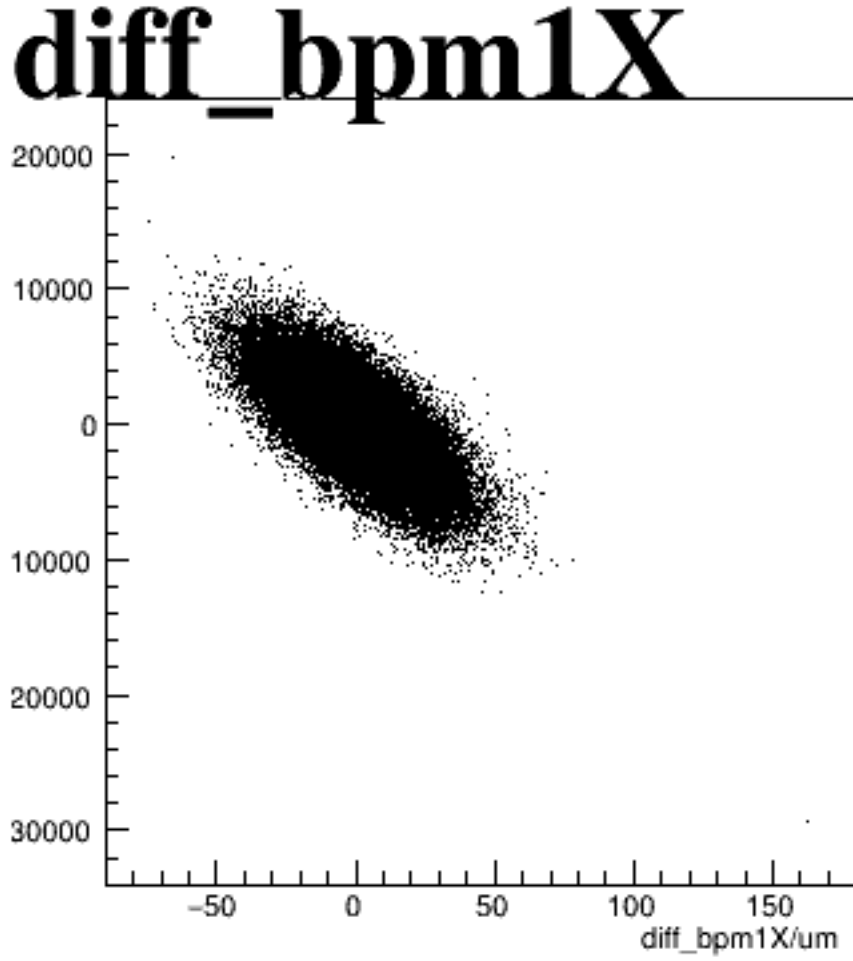
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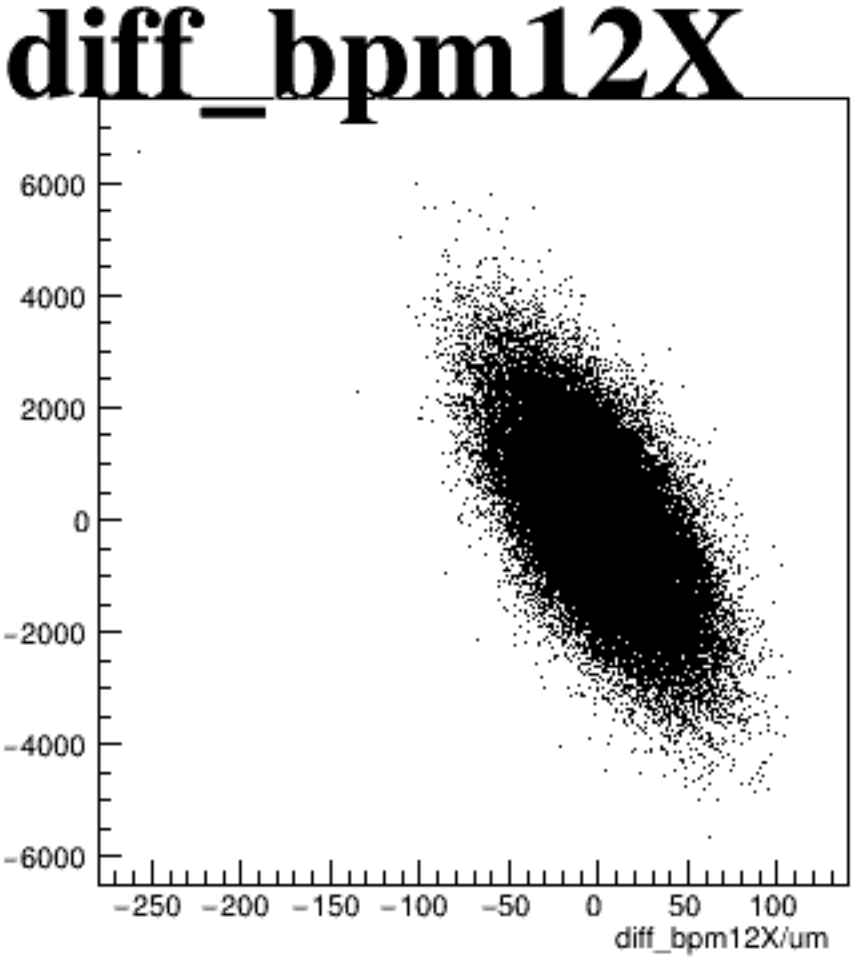
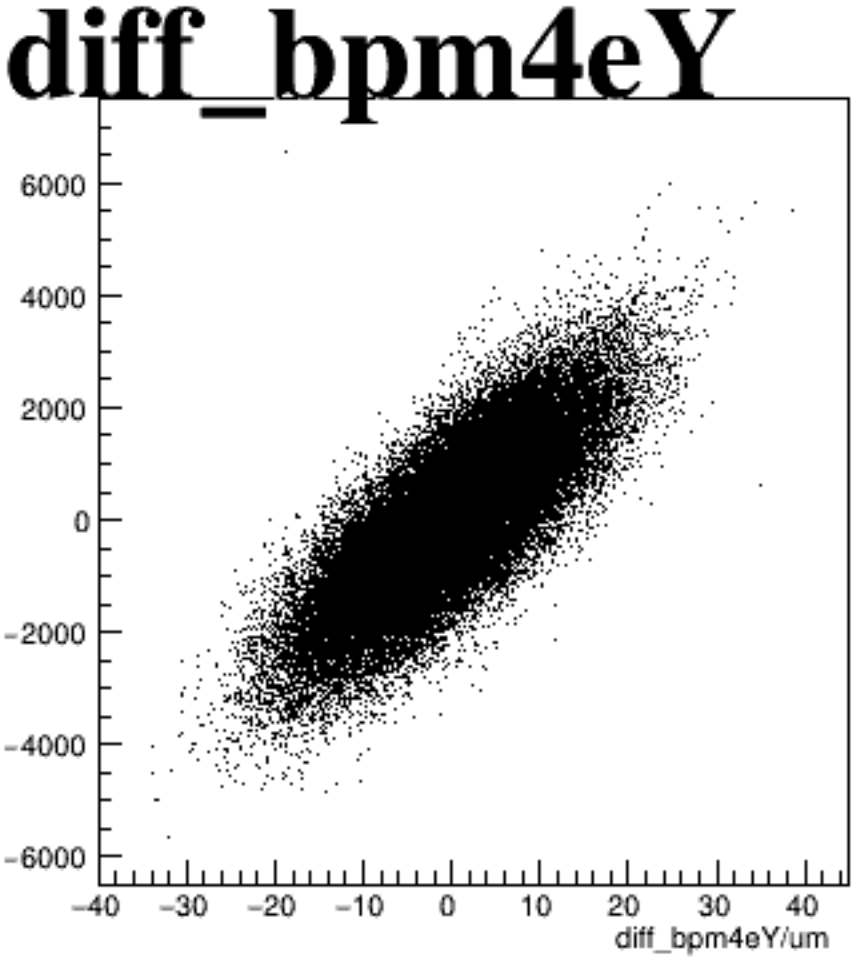
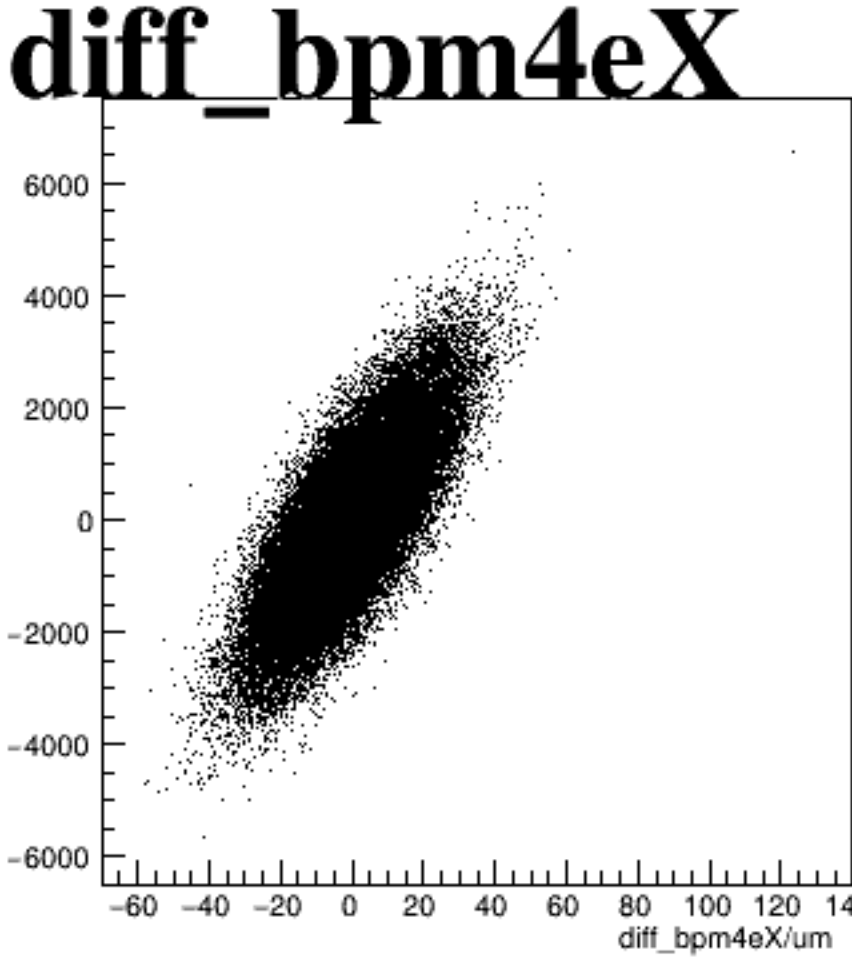
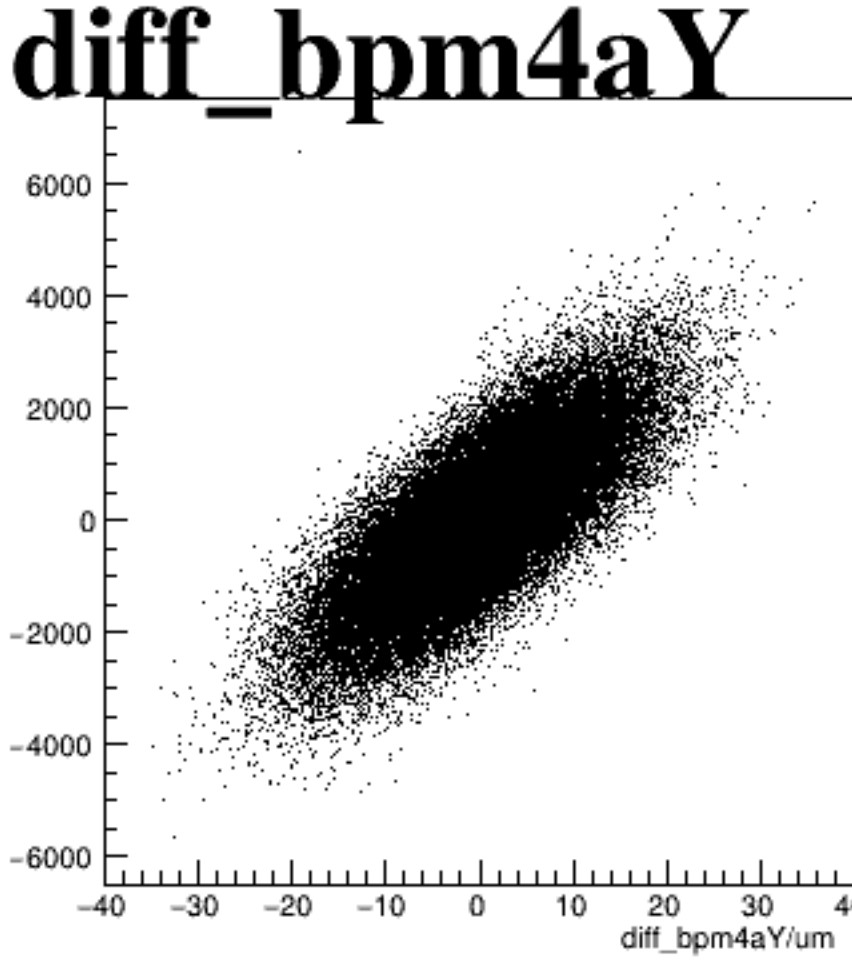
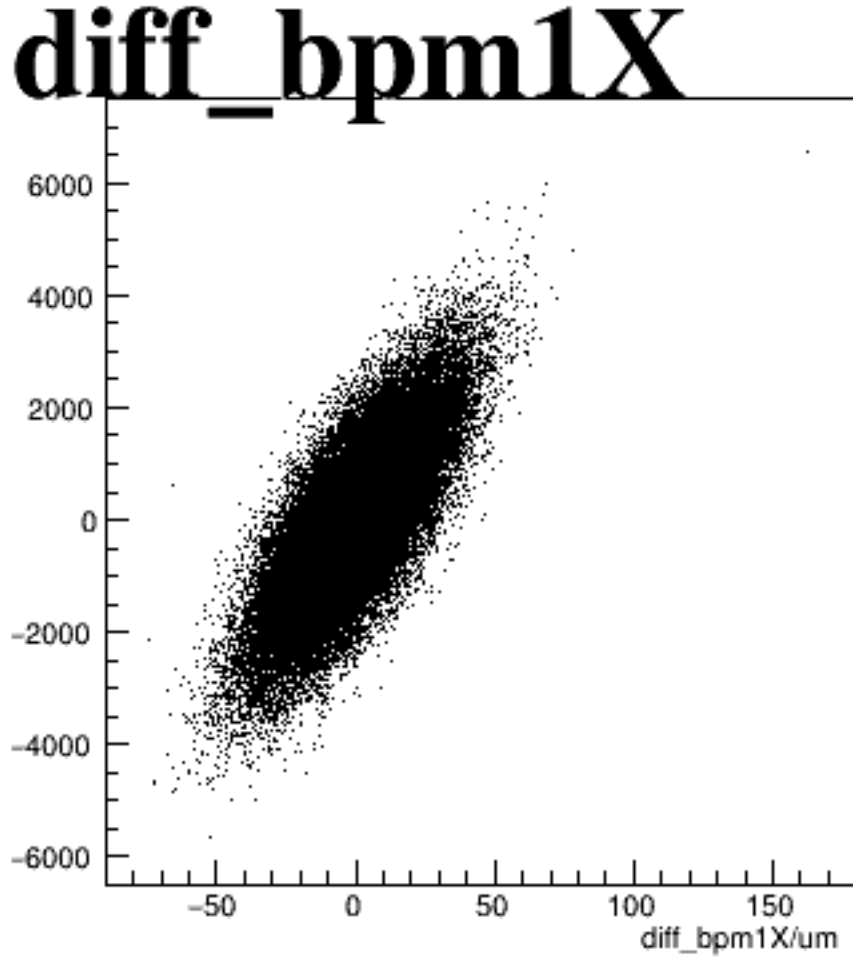
asym_sam2



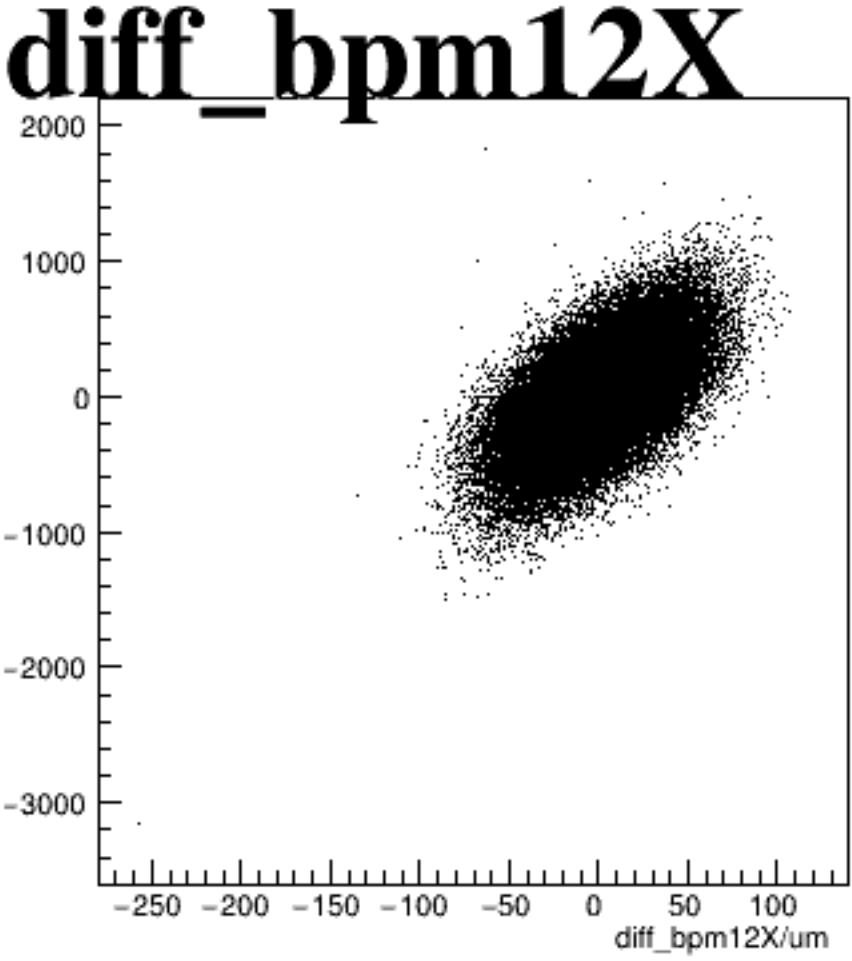
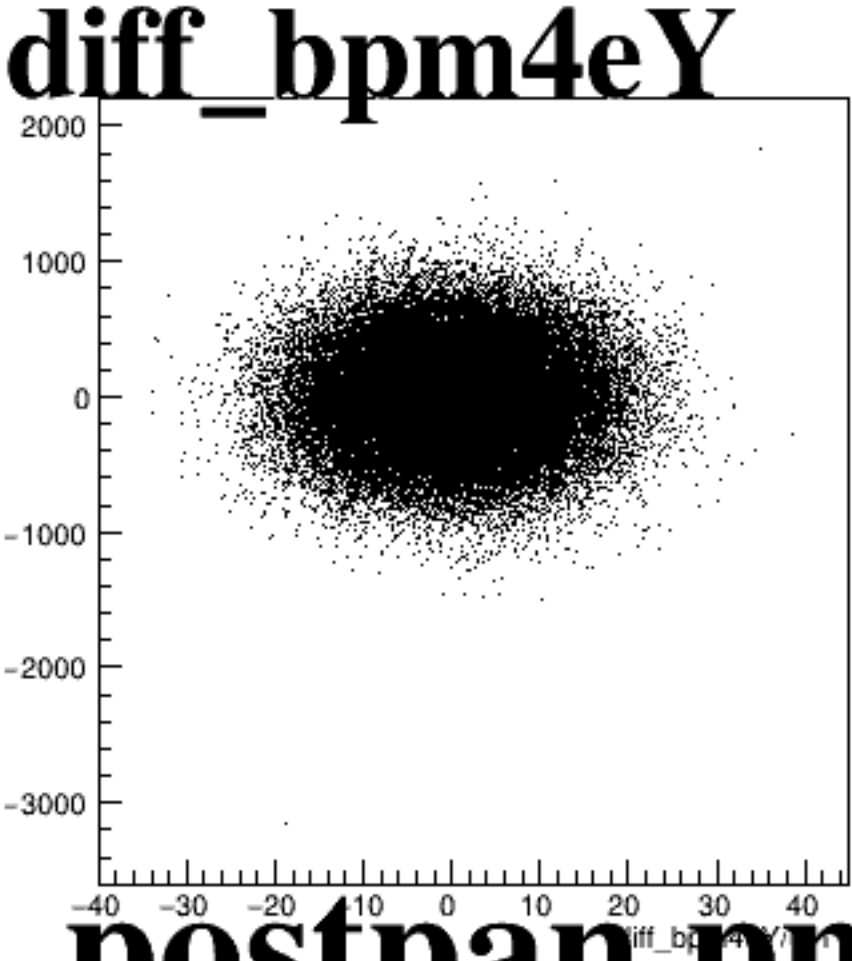
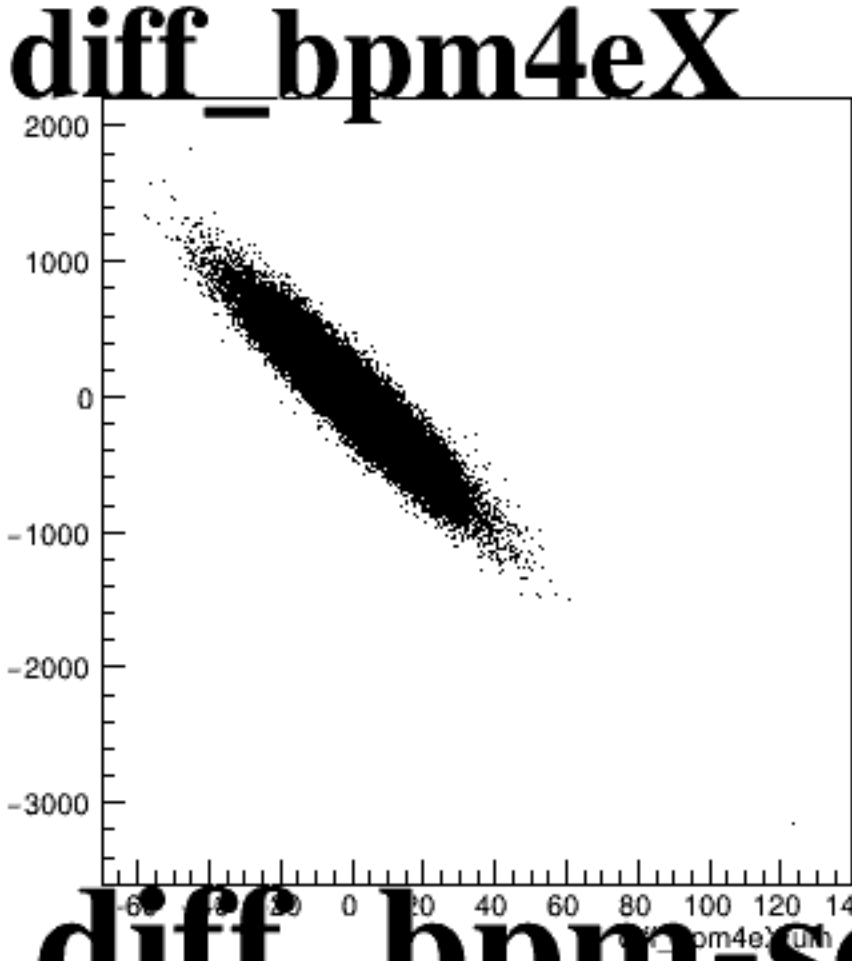
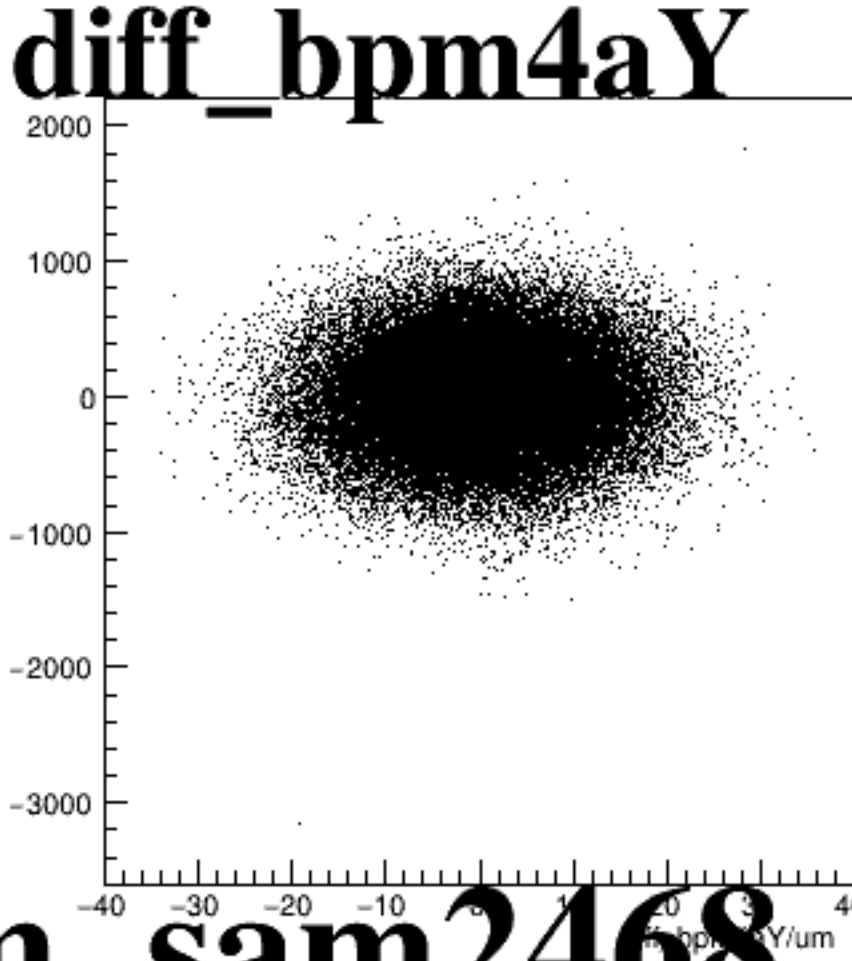
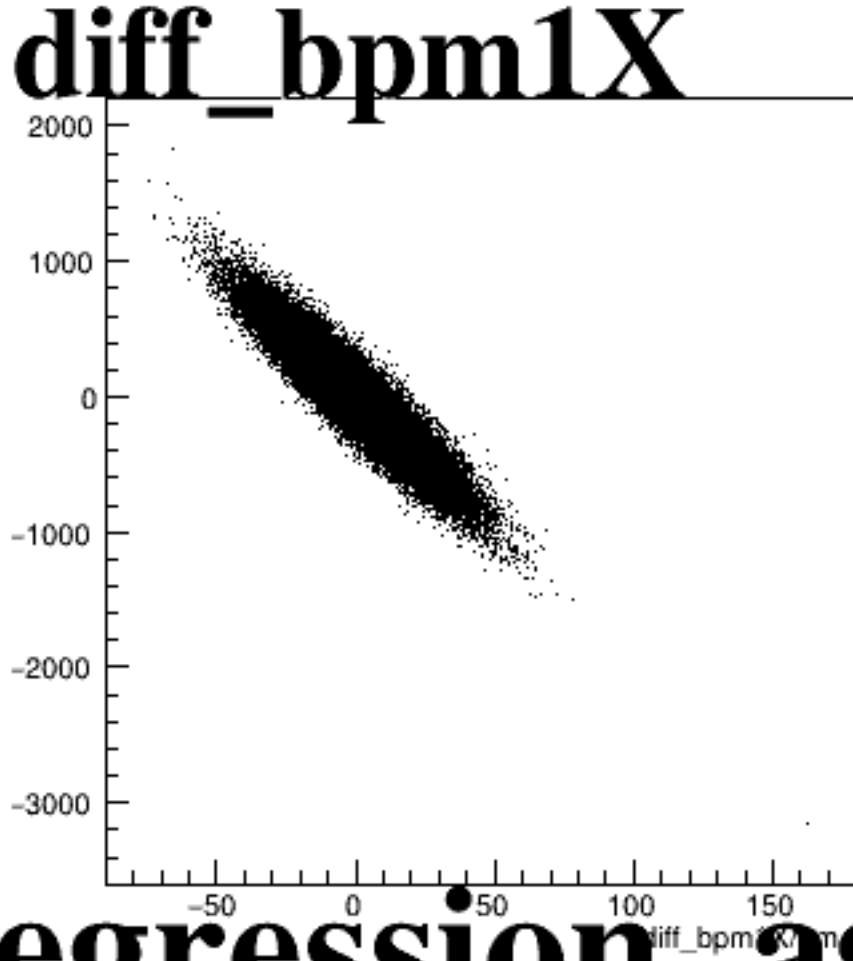
asym_sam4



asym_sam6

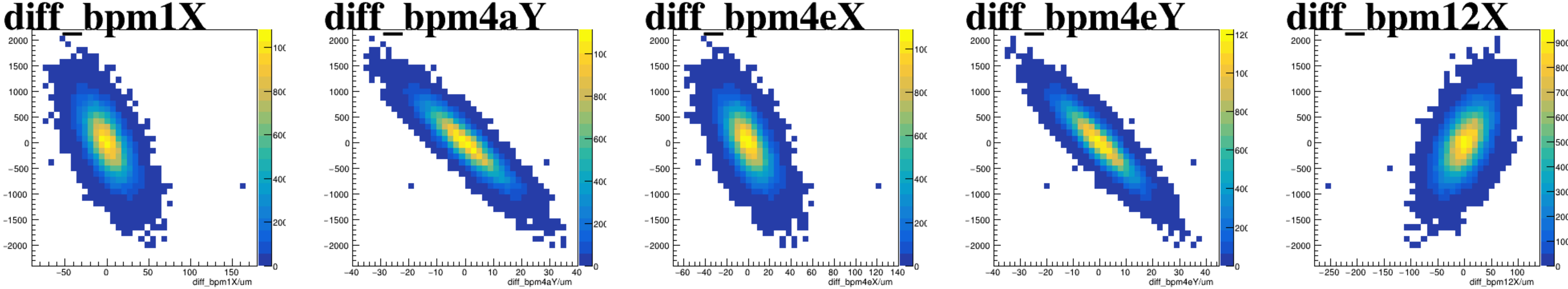


asym_sam8

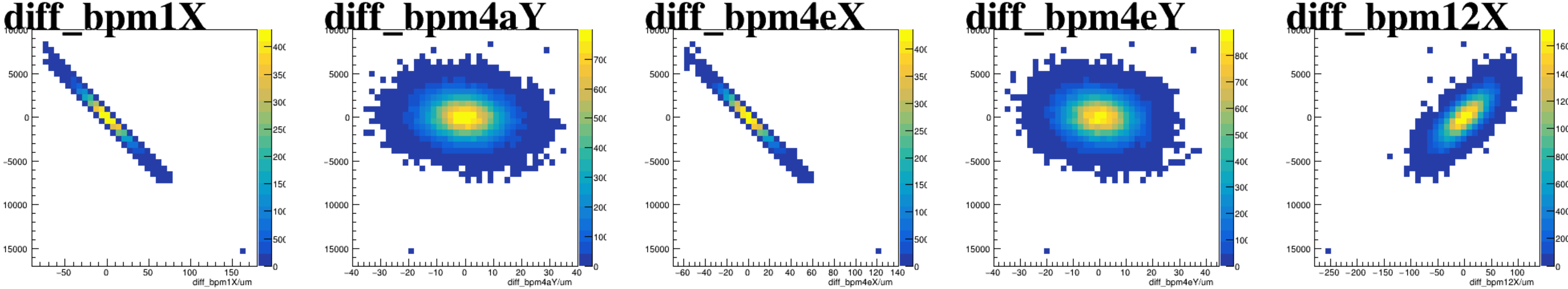


The figure displays five scatter plots, each representing the difference in BPM (diff_bpm) for a specific beam parameter. The plots are arranged horizontally. Each plot has a y-axis labeled 'diff_bpm' and an x-axis labeled 'diff_bpm'. The data points are represented by small black dots, forming a dense, roughly circular cloud centered at the origin (0,0). The x-axis ranges vary for each plot: diff_bpm1X (approx. -50 to 150), diff_bpm4aY (approx. -40 to 40), diff_bpm4eX (approx. -40 to 140), diff_bpm4eY (approx. -40 to 40), and diff_bpm12X (approx. -250 to 100). The y-axis for all plots ranges from -300 to 300.

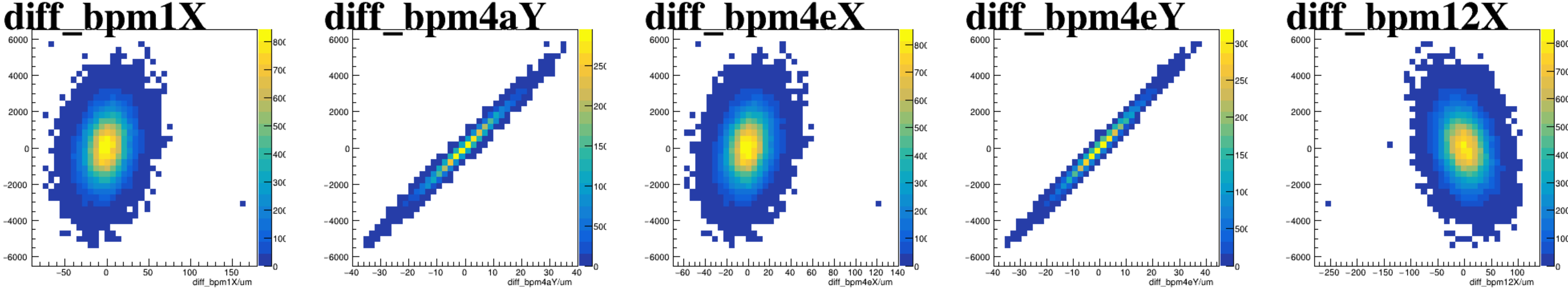
asym_sam1



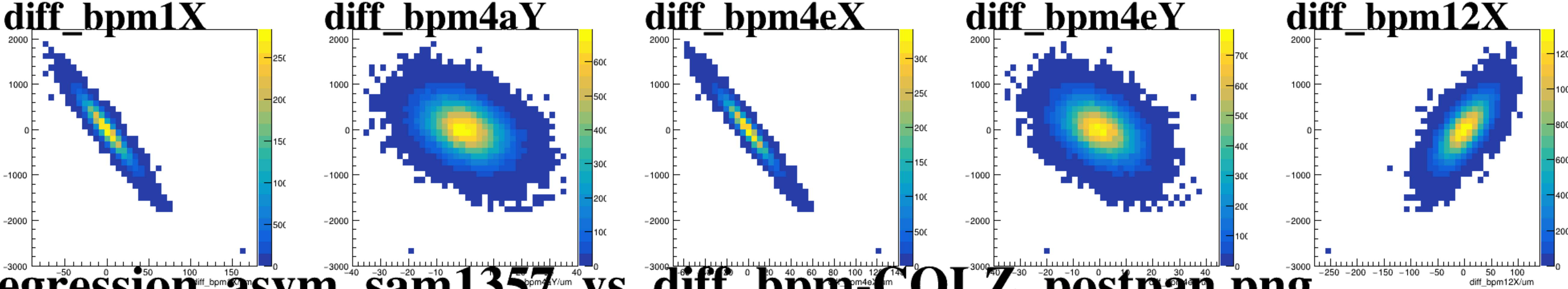
asym_sam3



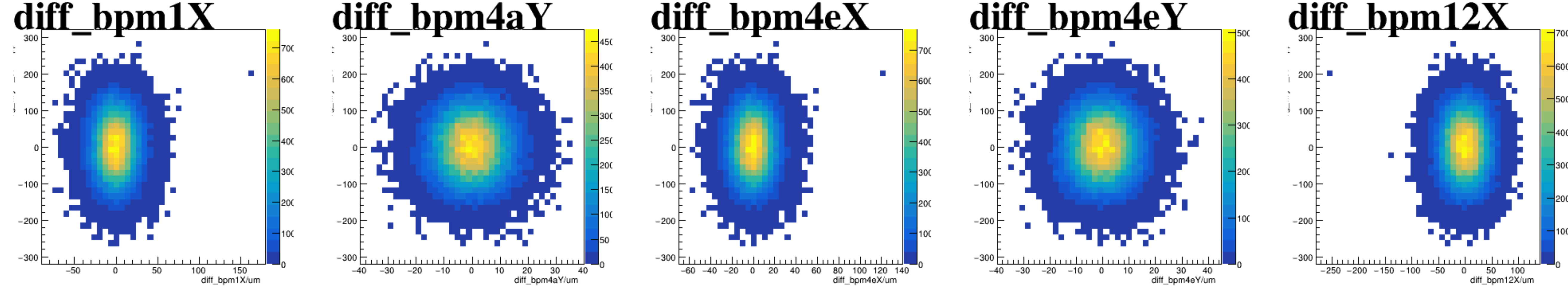
asym_sam5



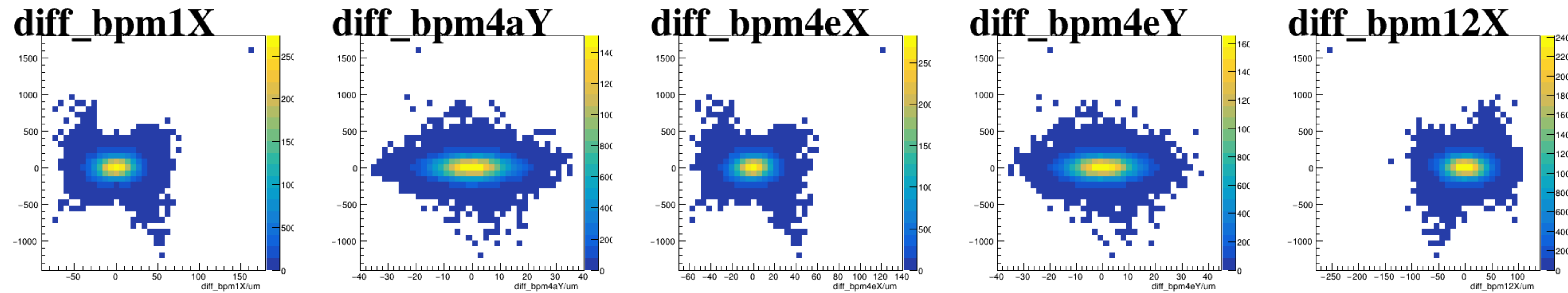
asym_sam7



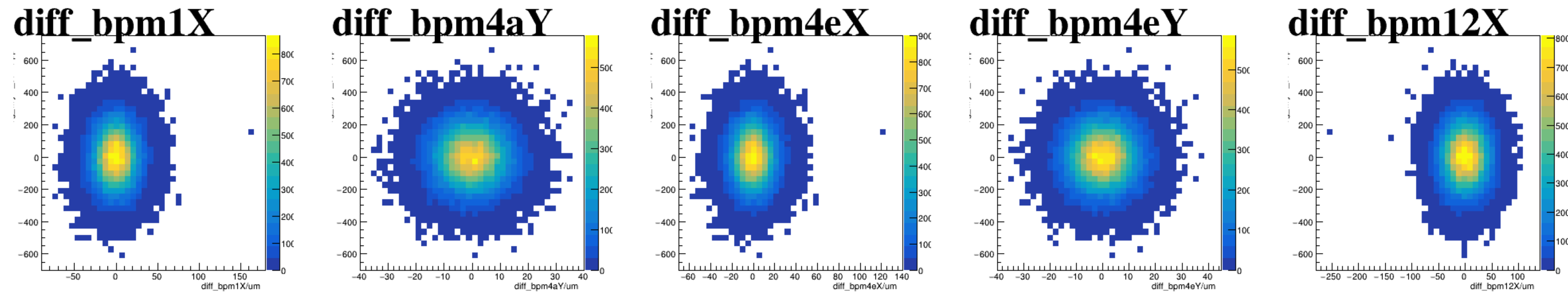
reg_asym_sam1



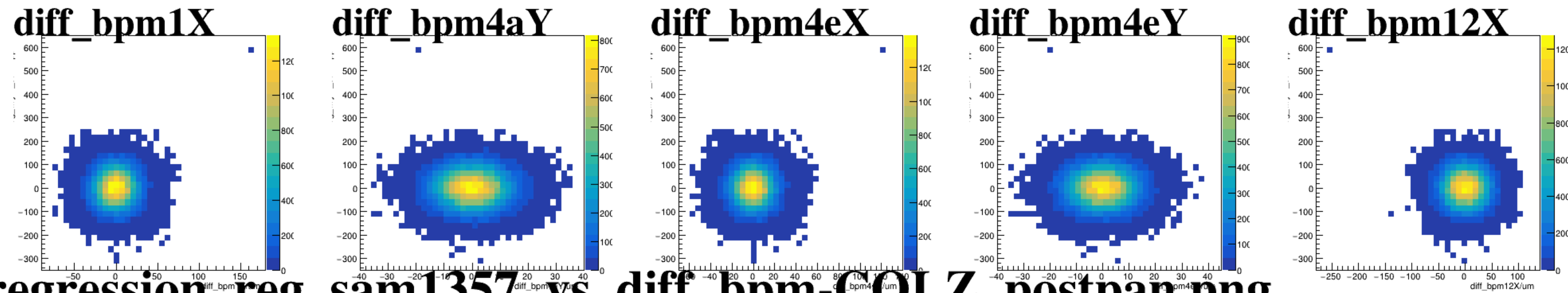
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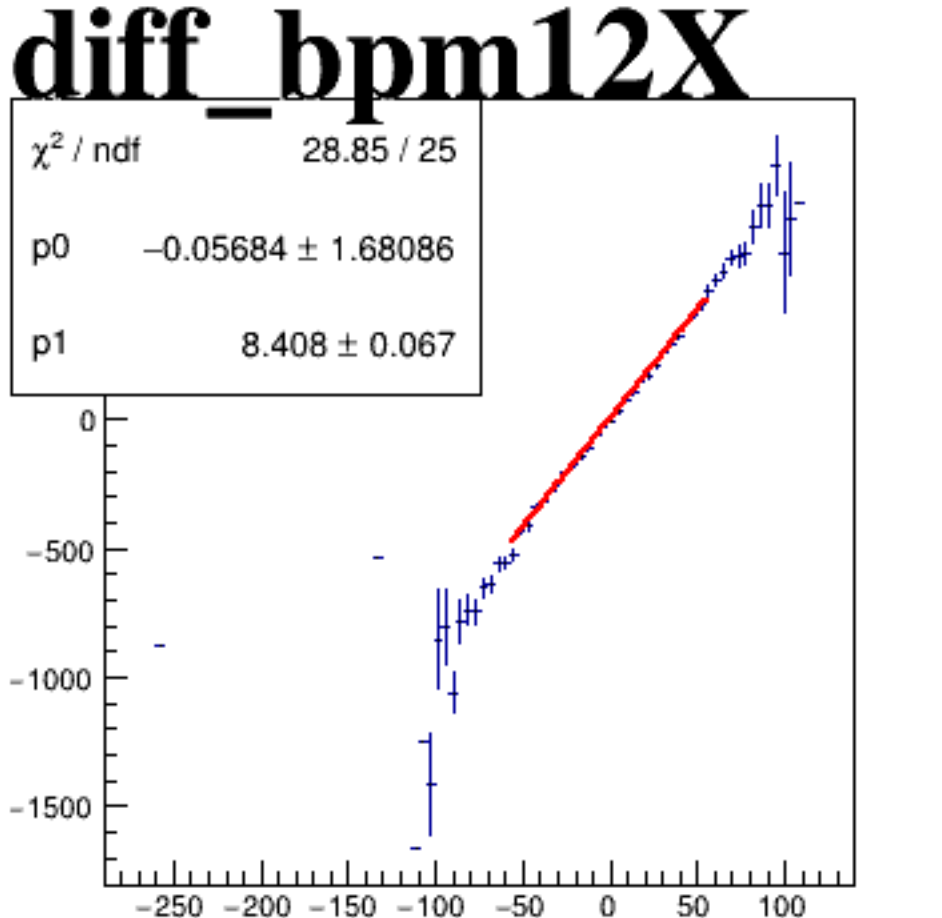
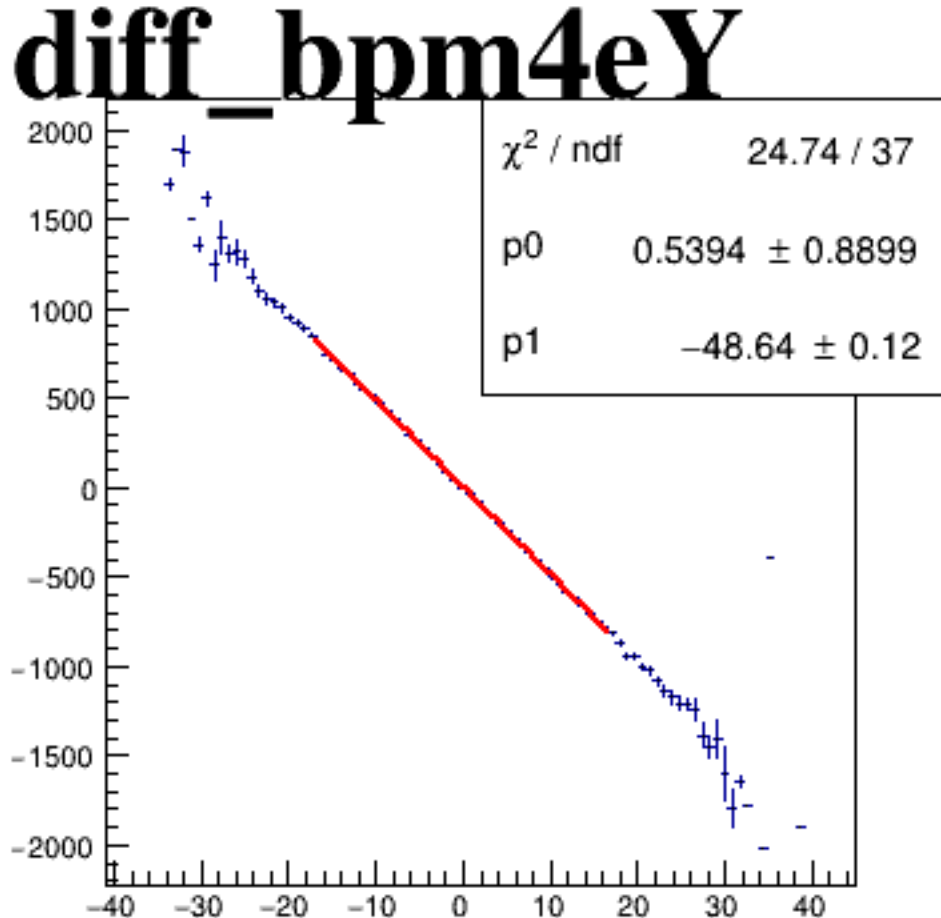
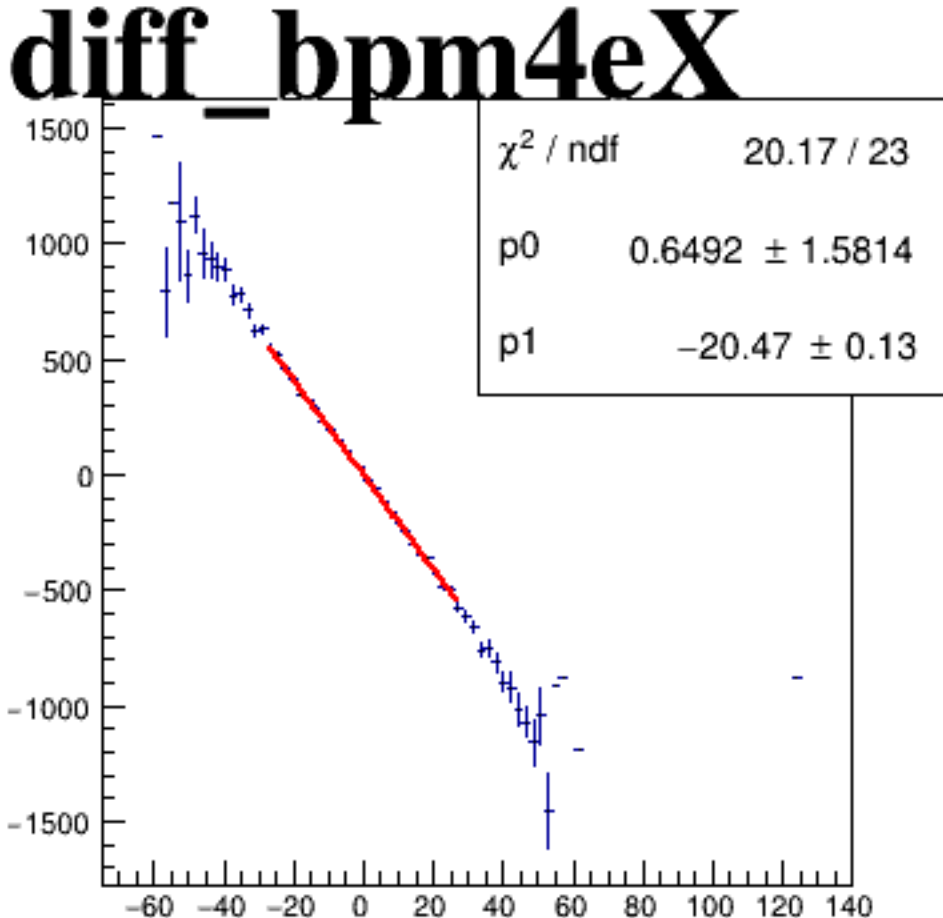
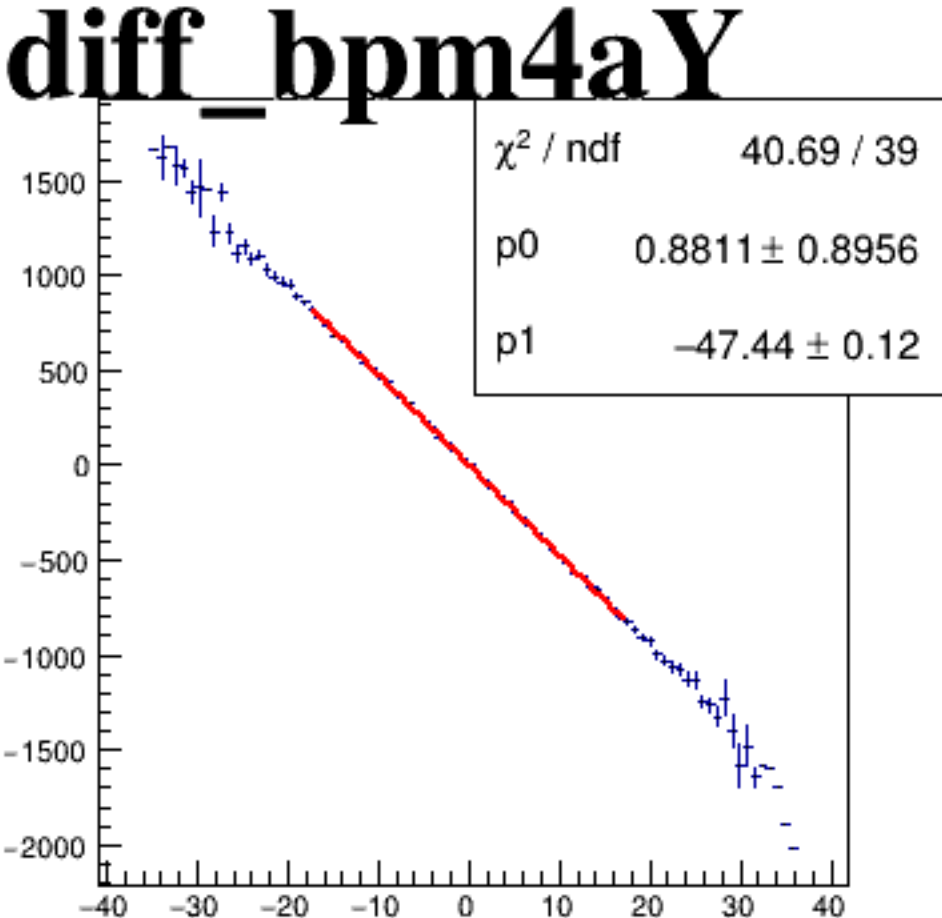
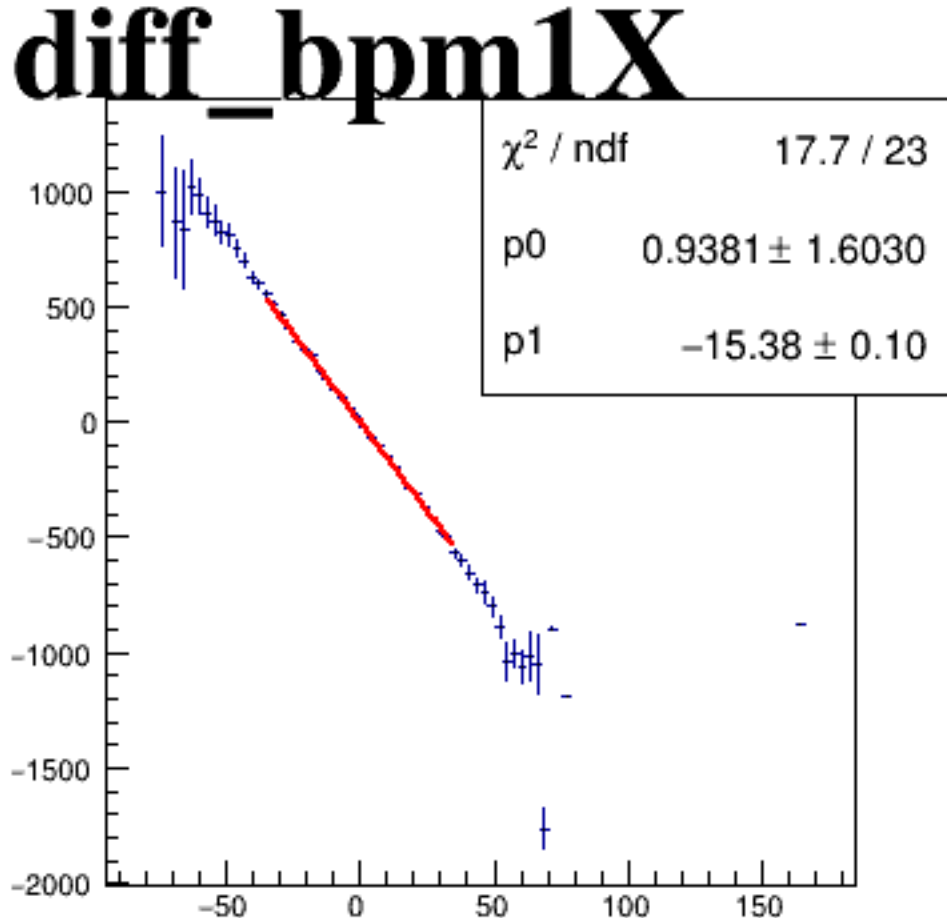
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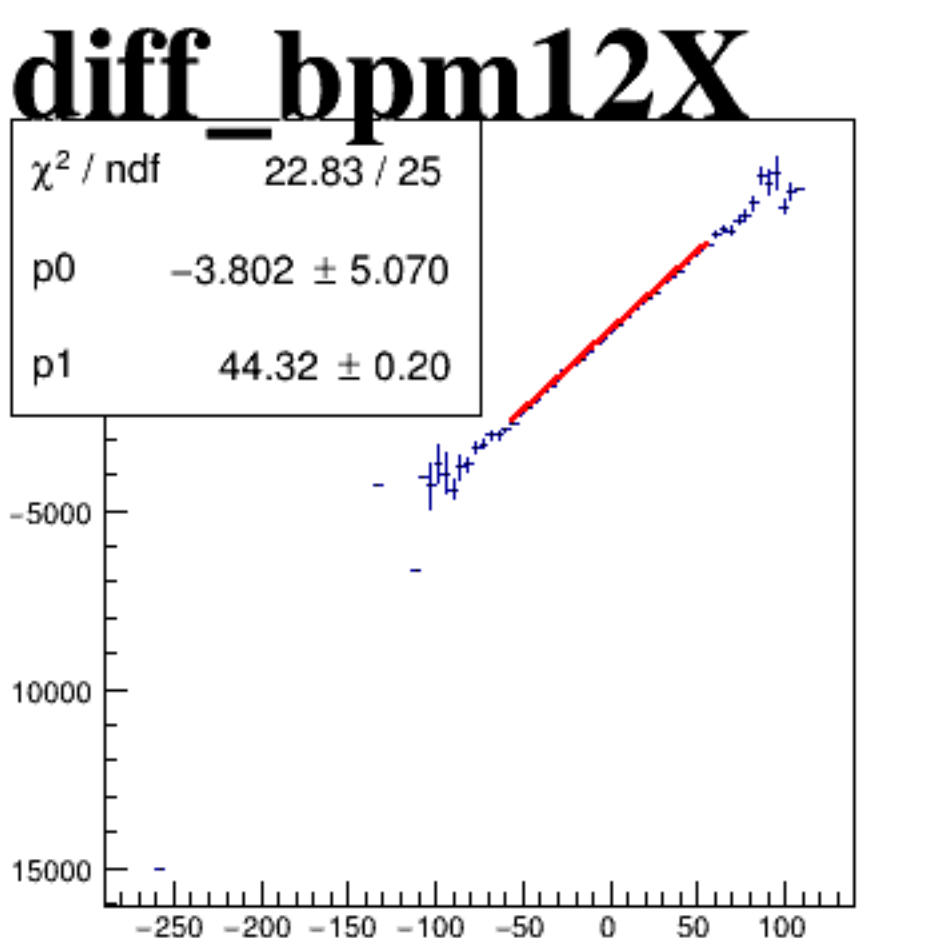
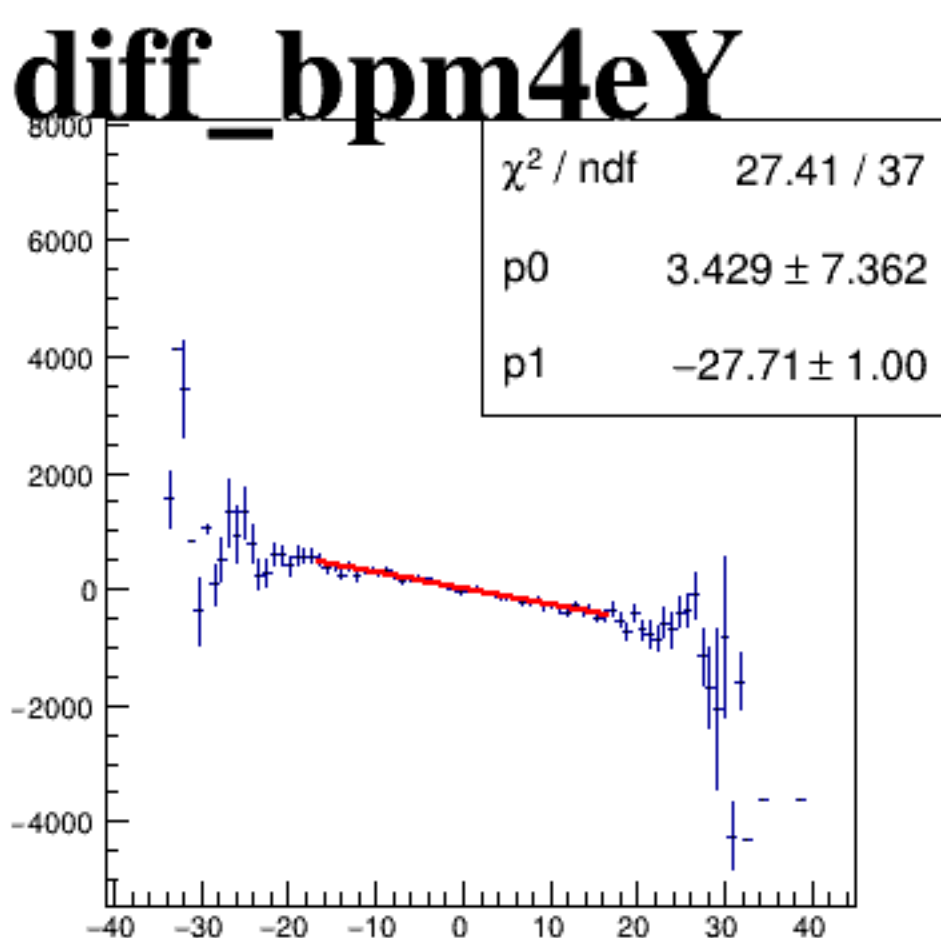
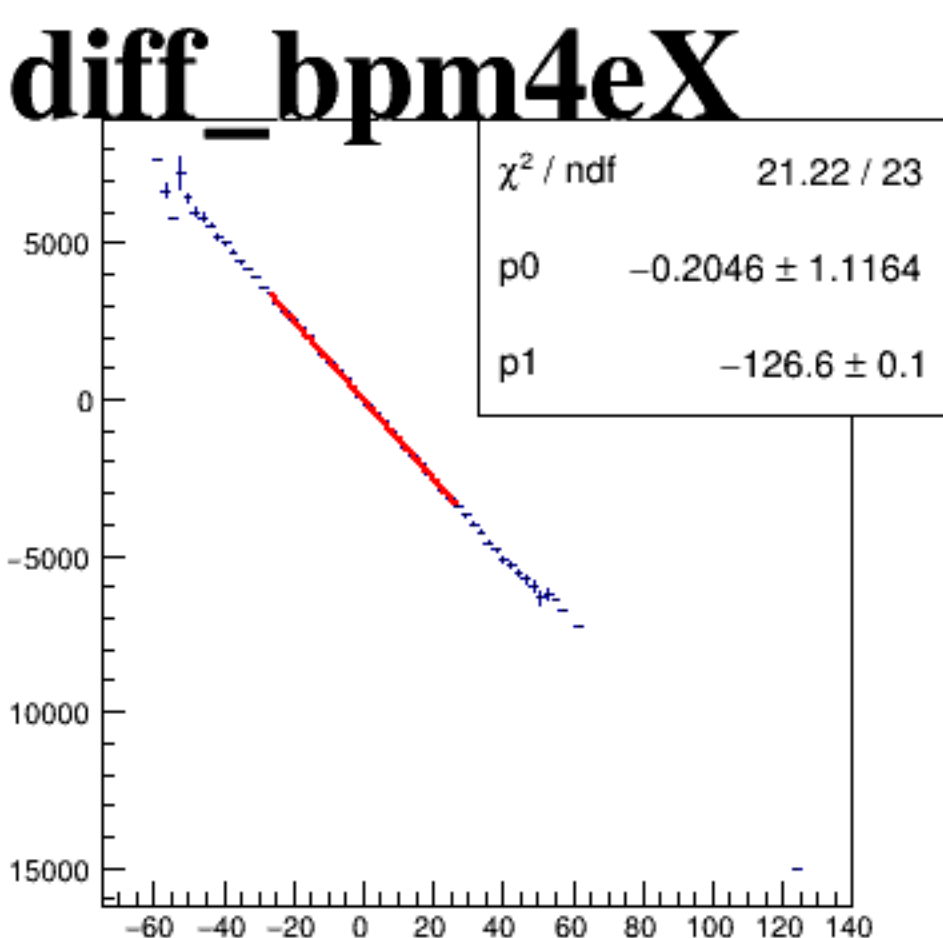
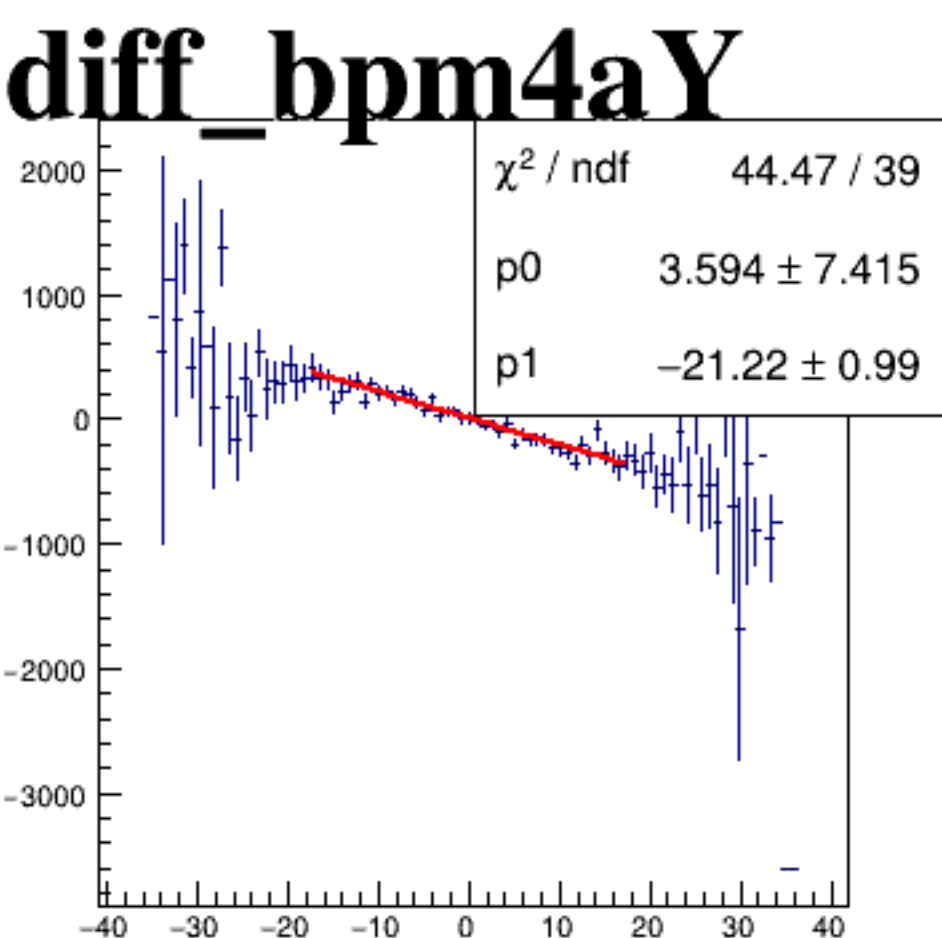
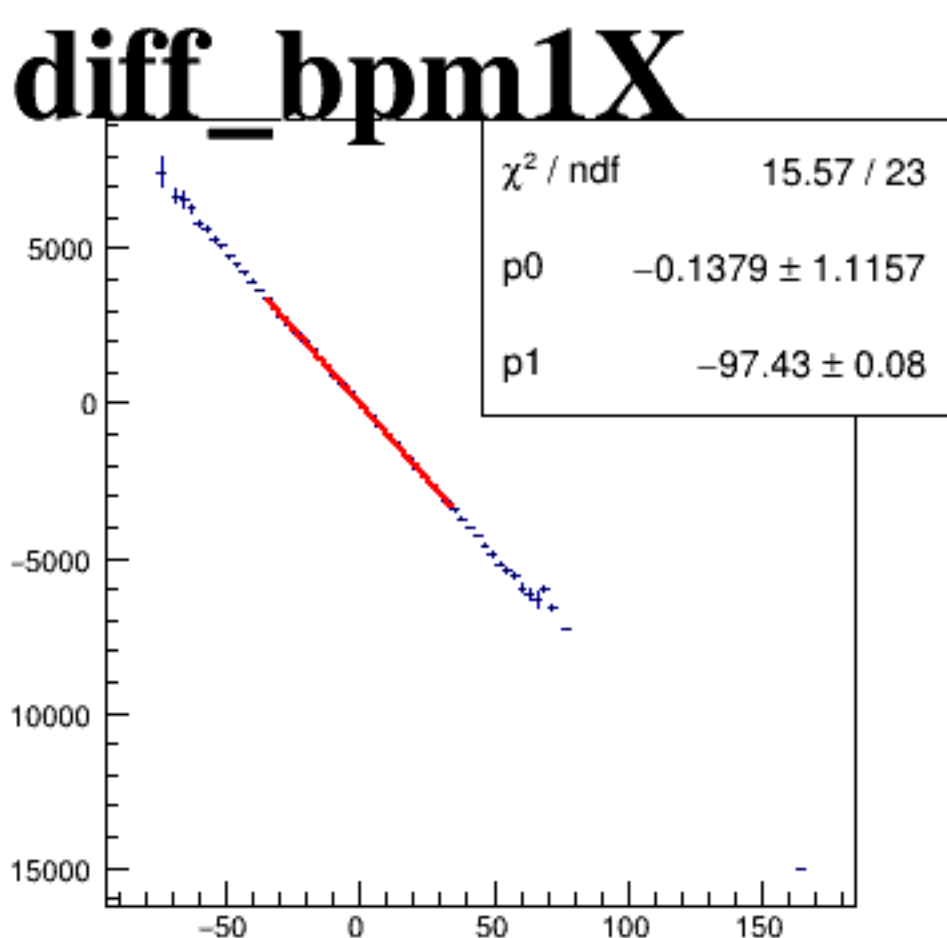
reg_asym_sam7



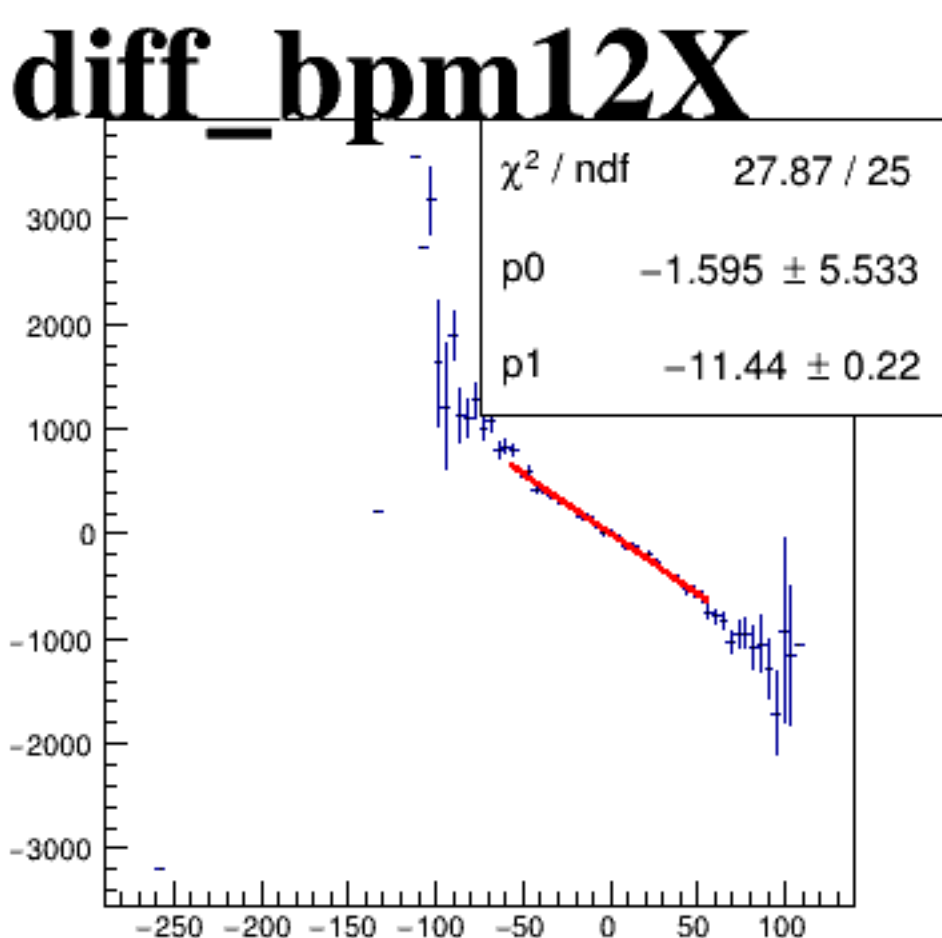
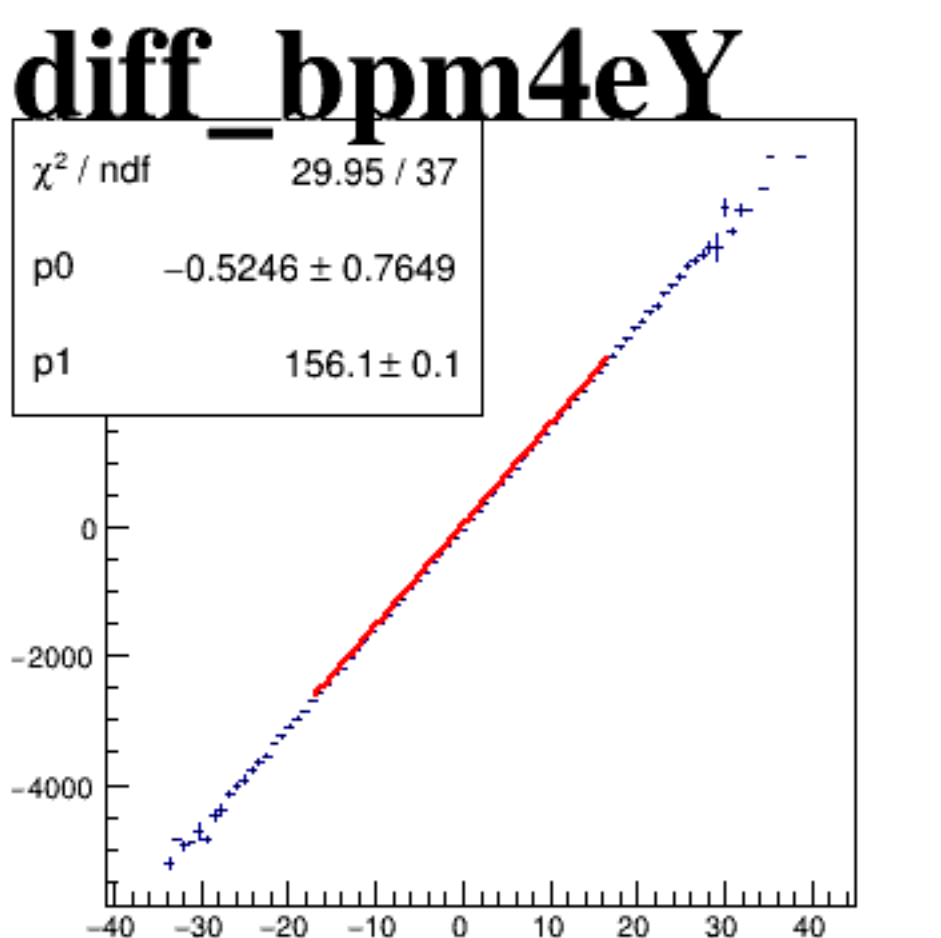
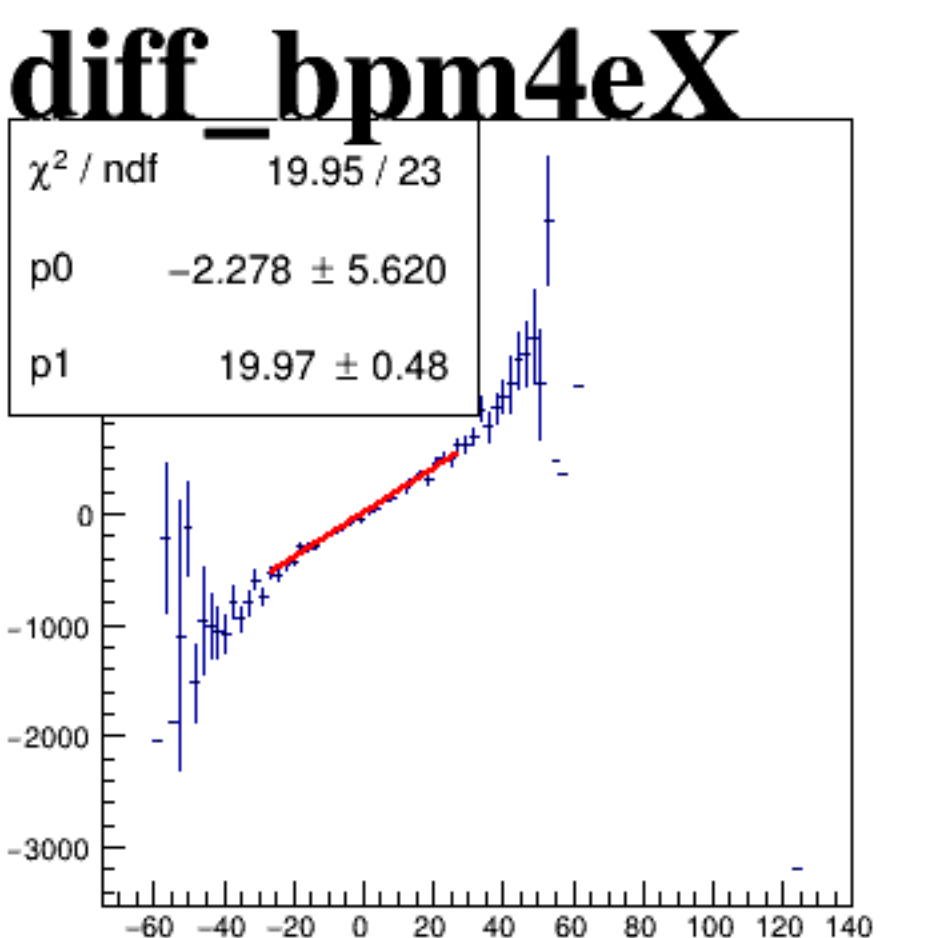
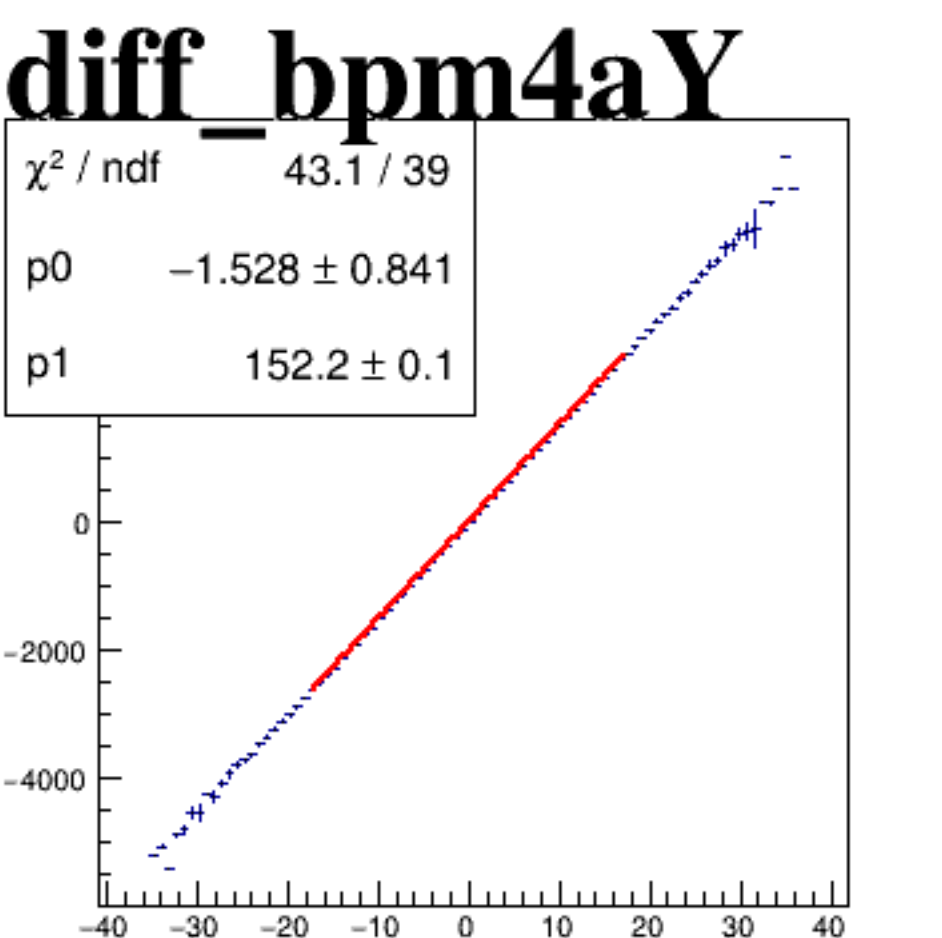
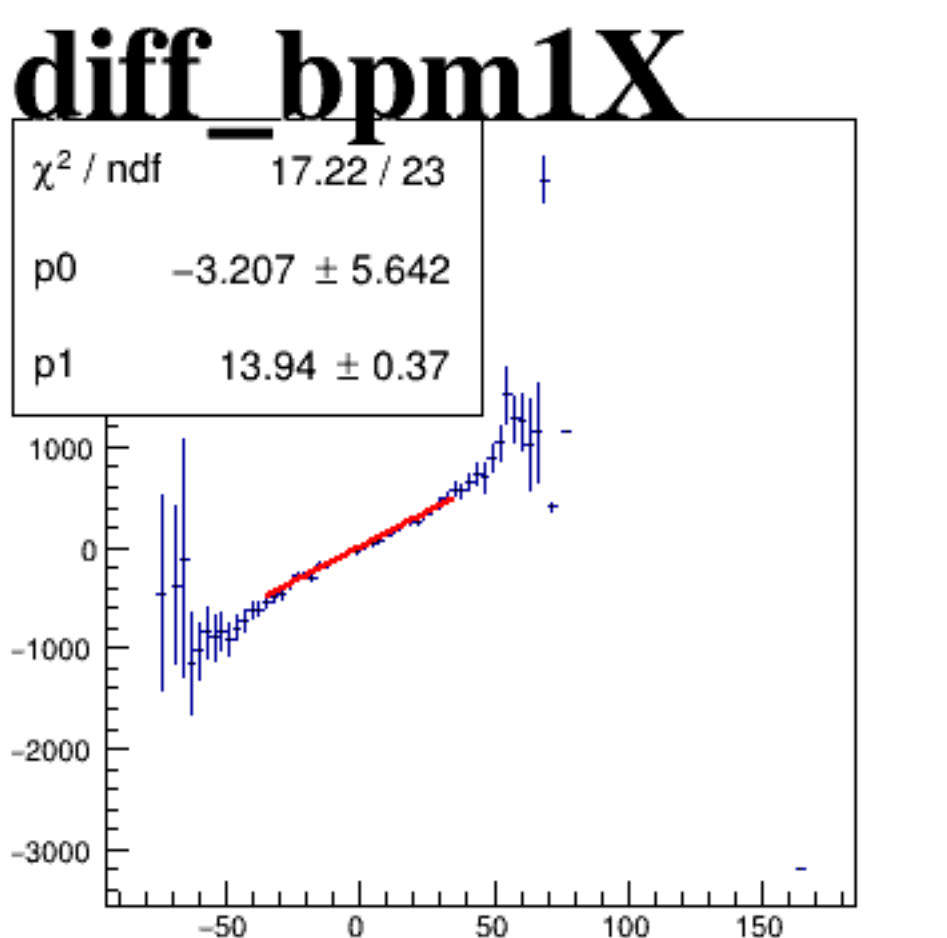
asym_sam1



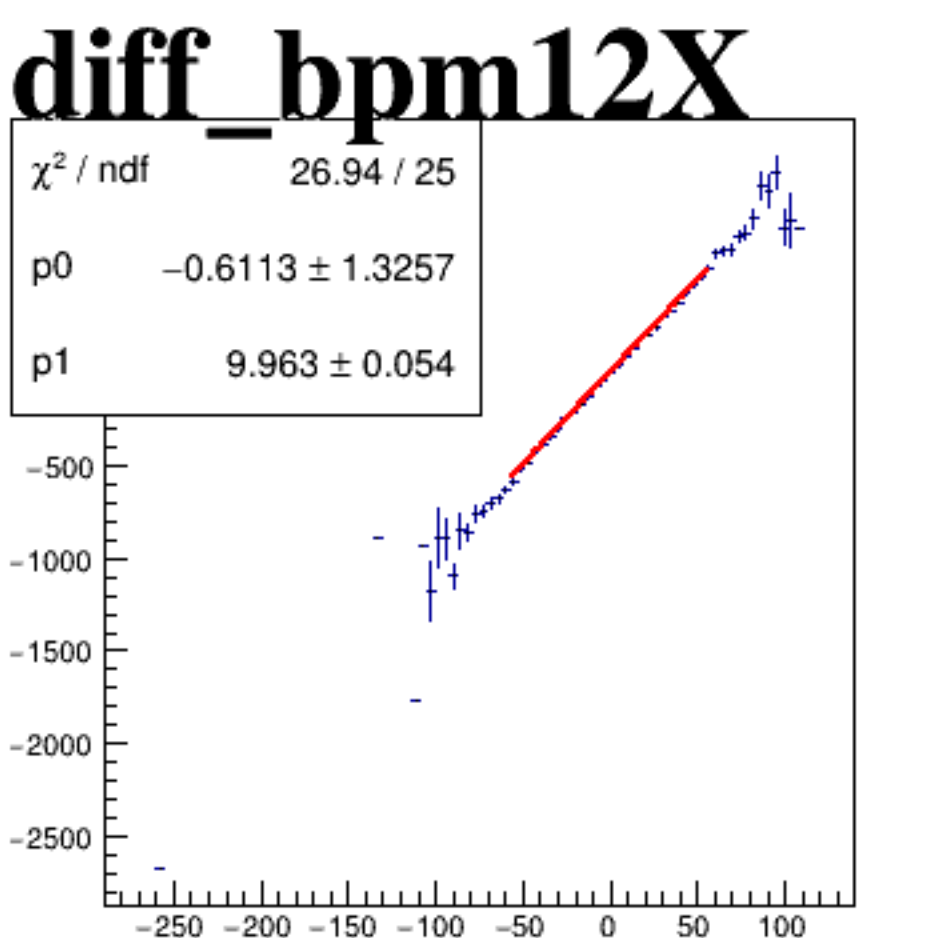
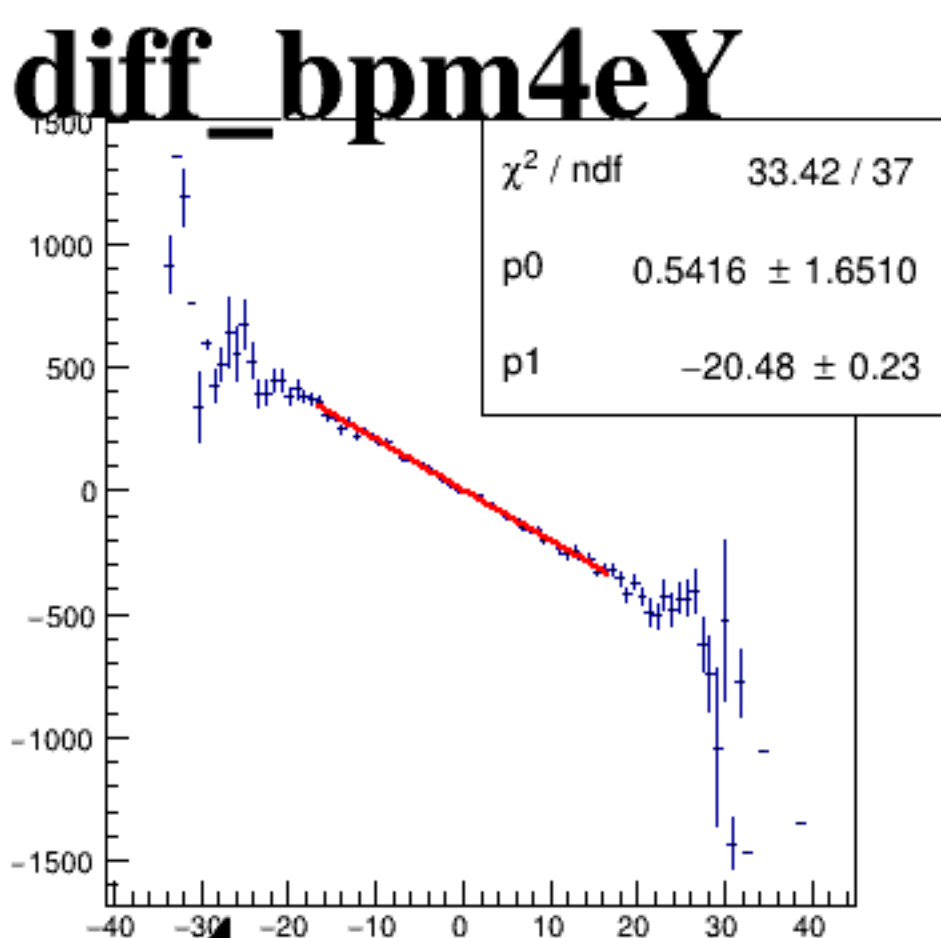
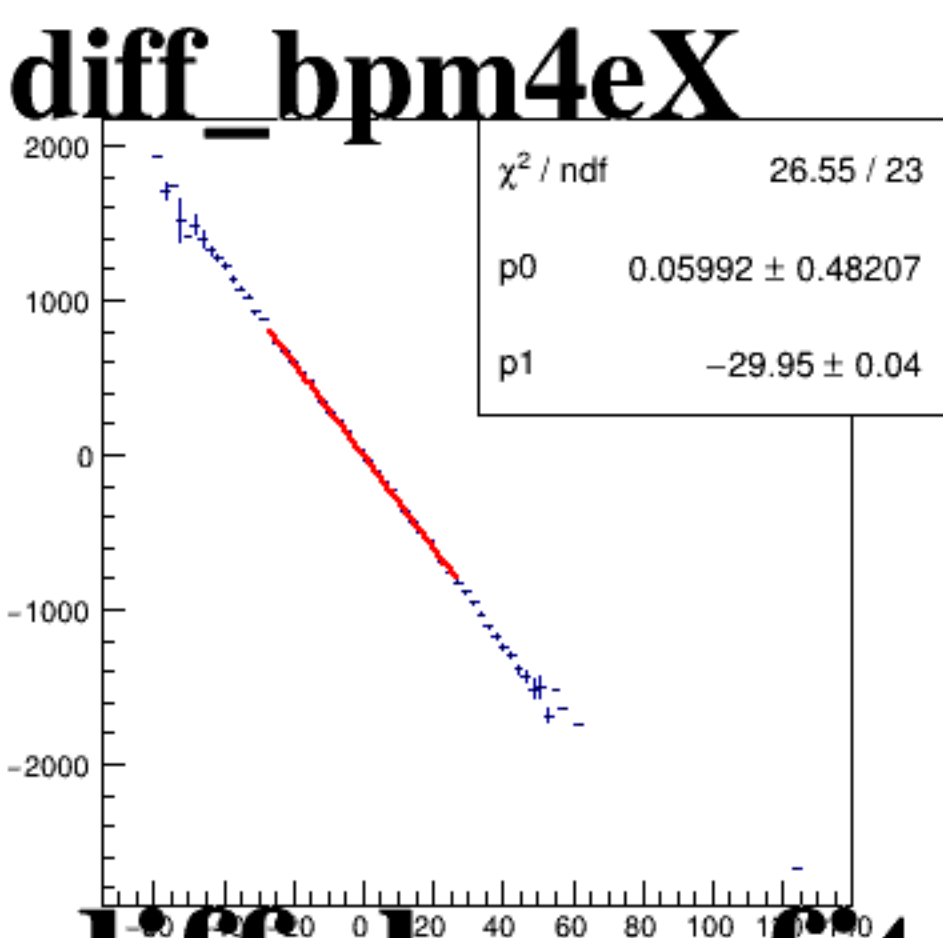
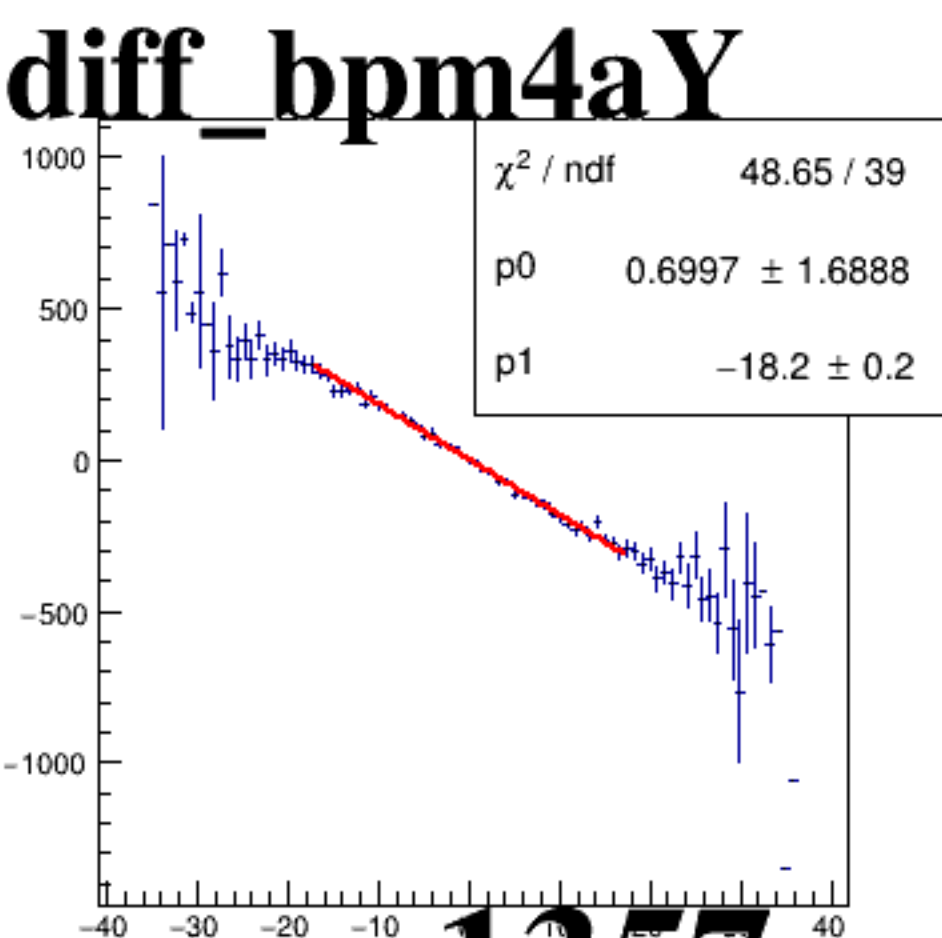
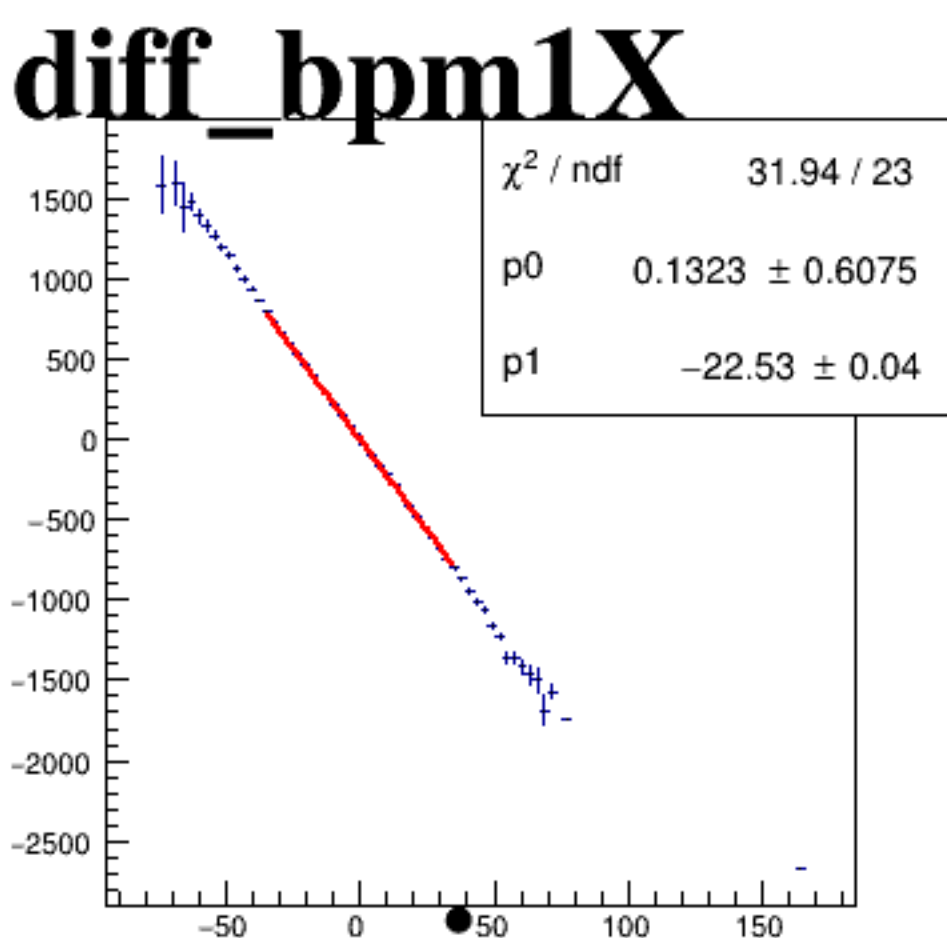
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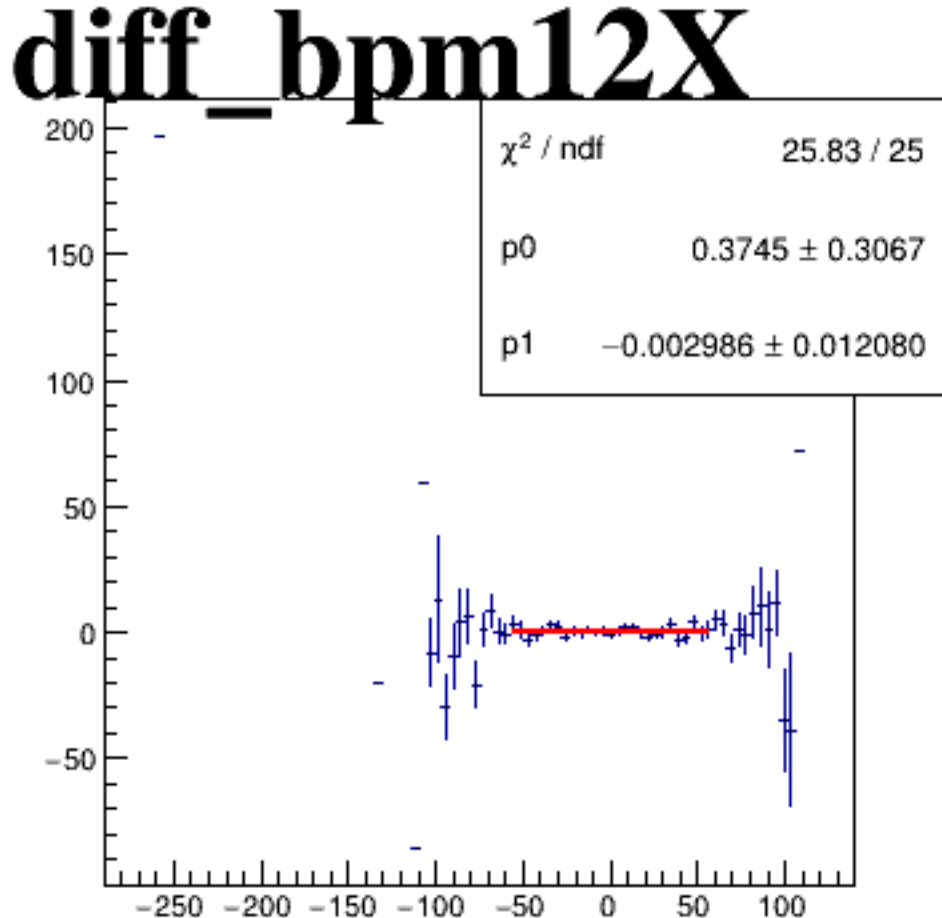
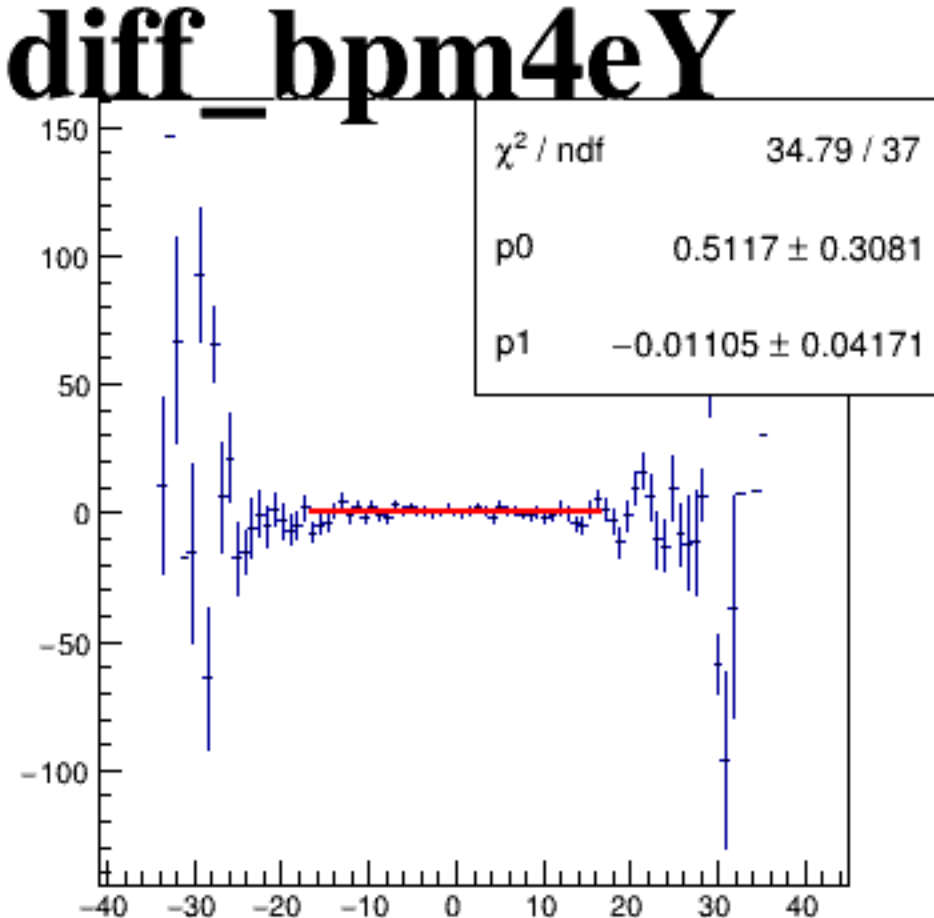
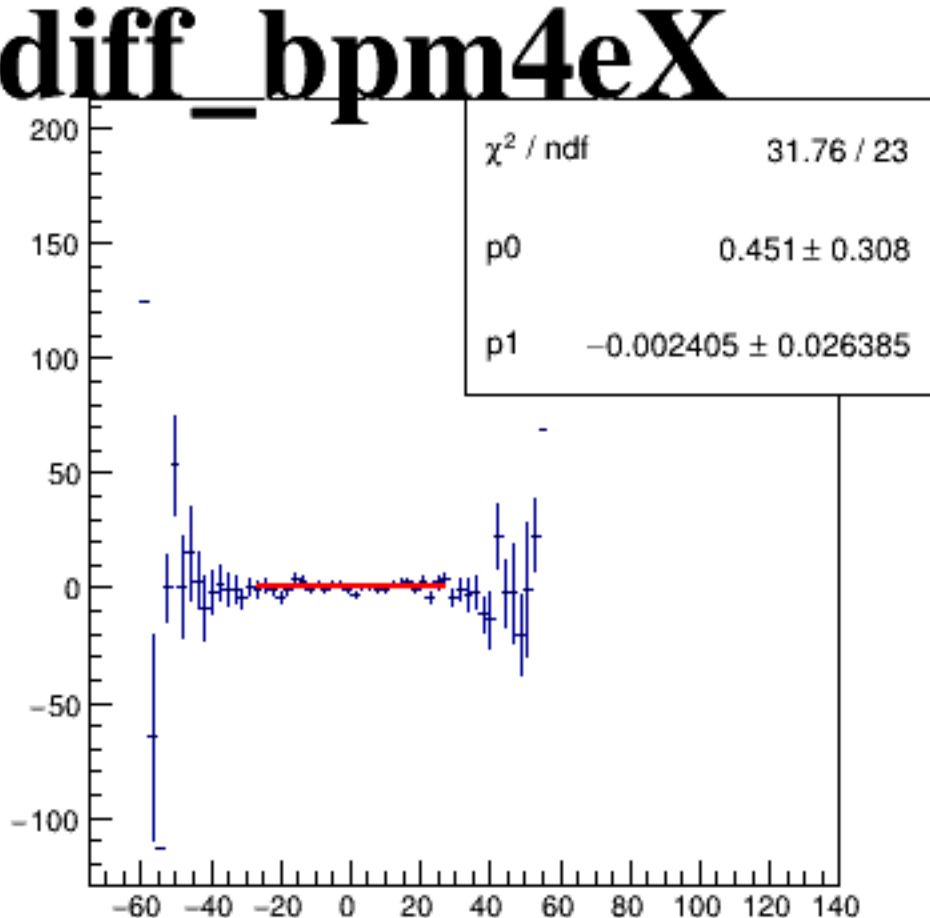
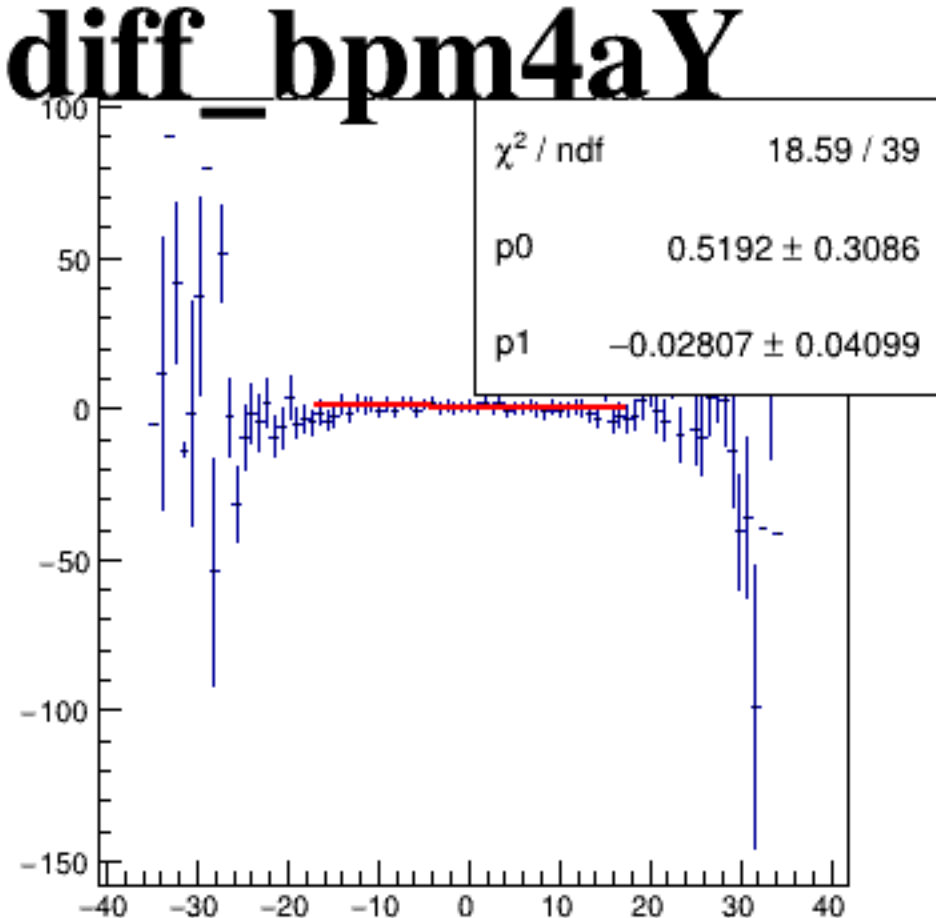
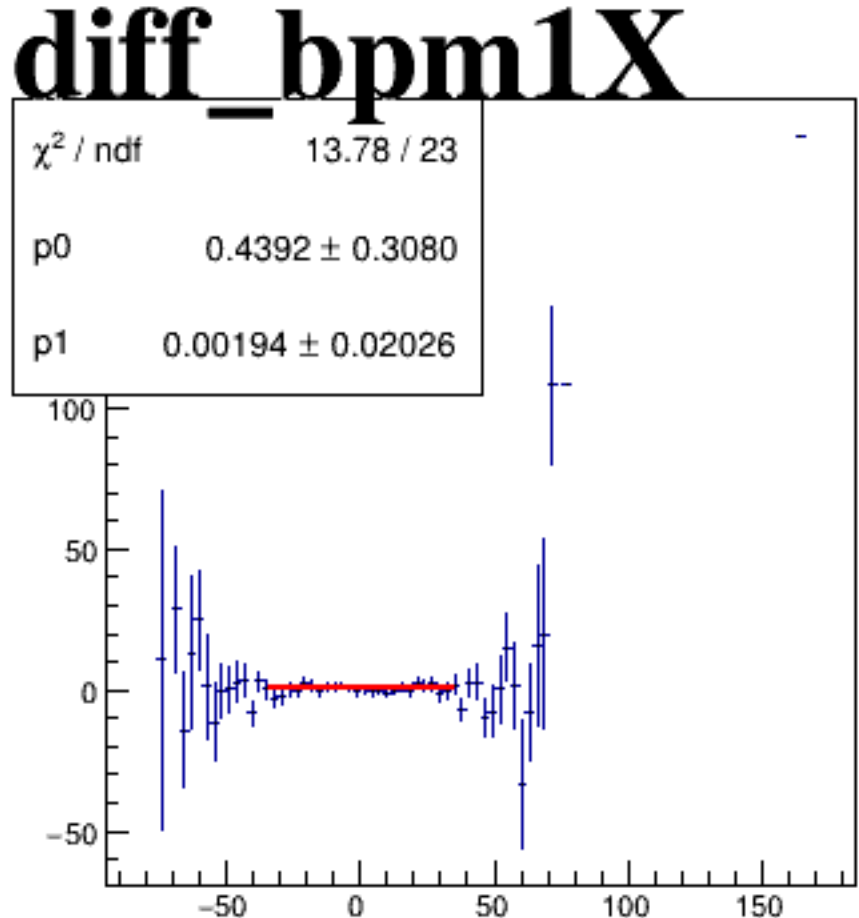
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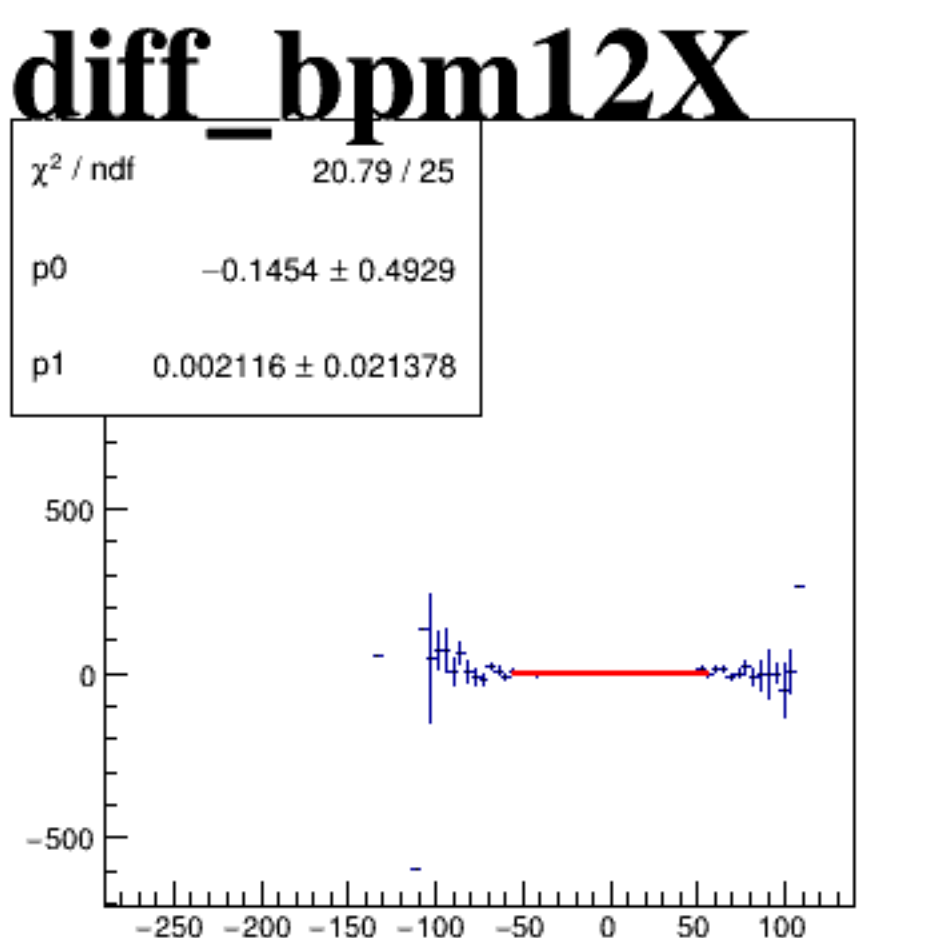
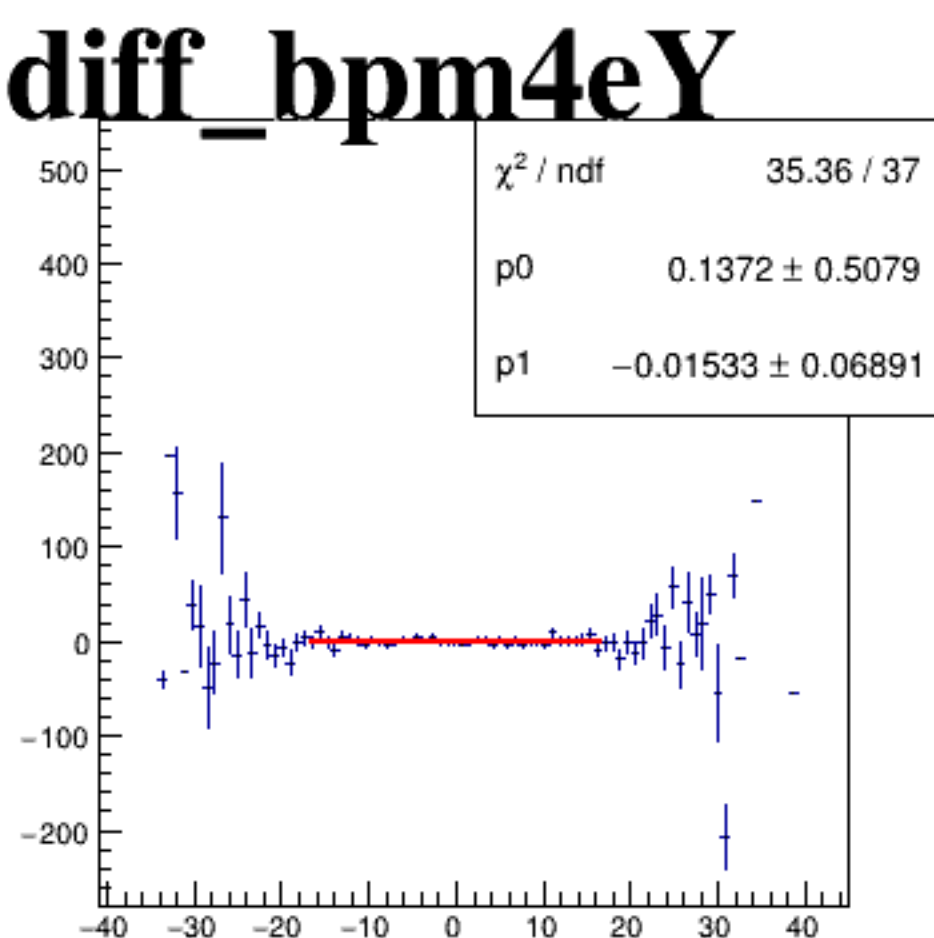
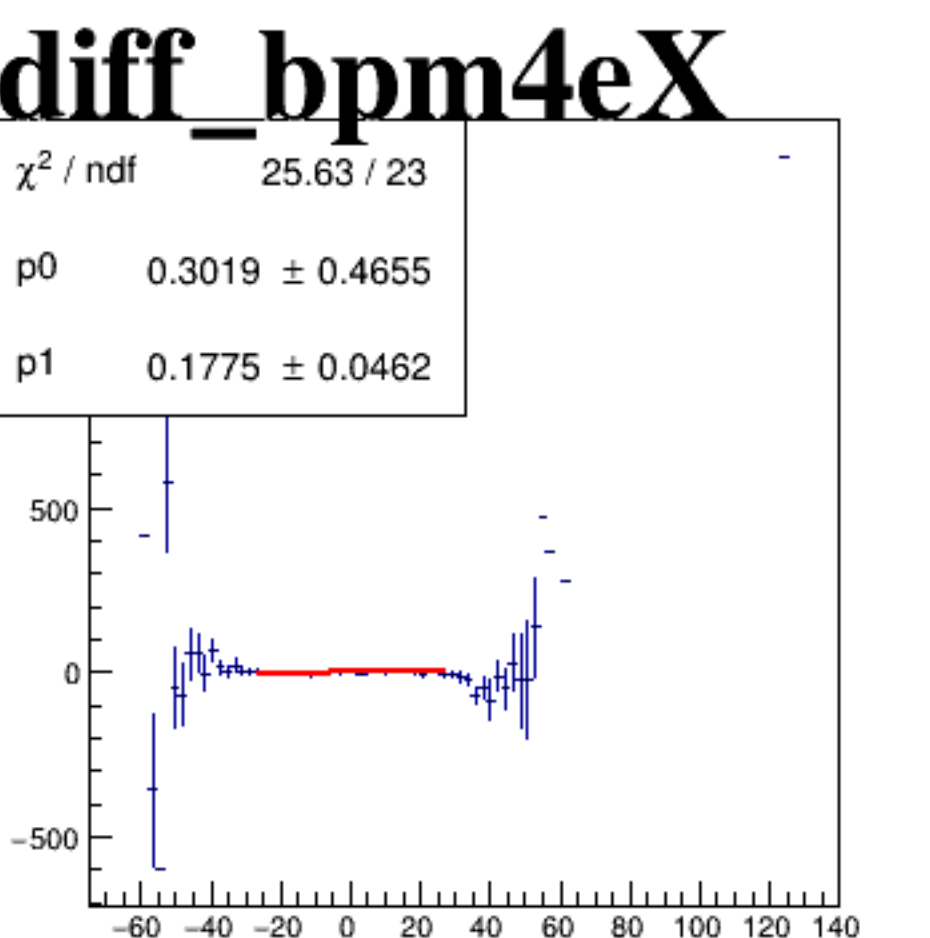
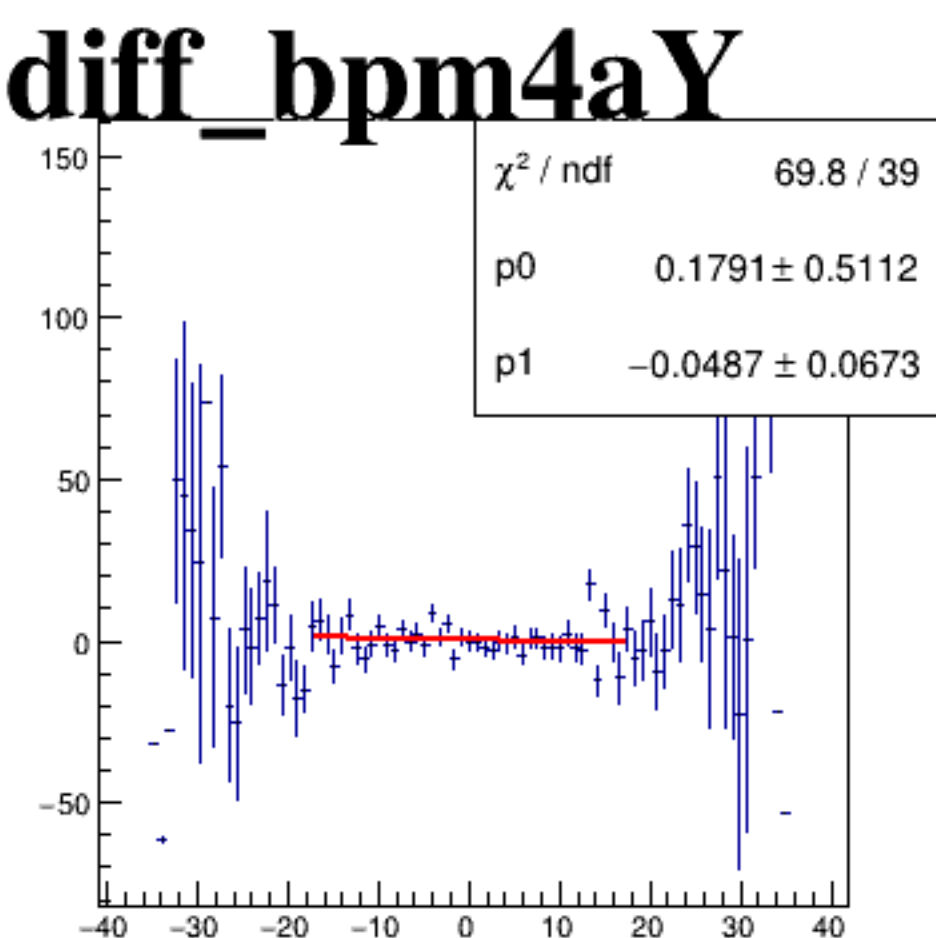
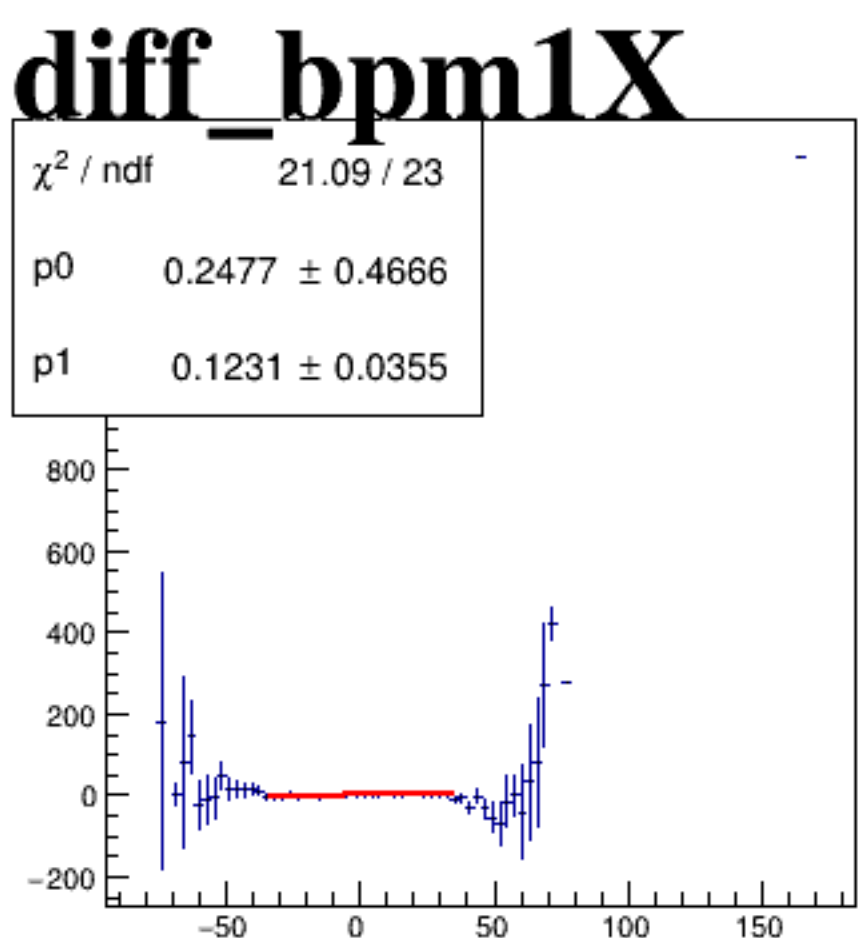
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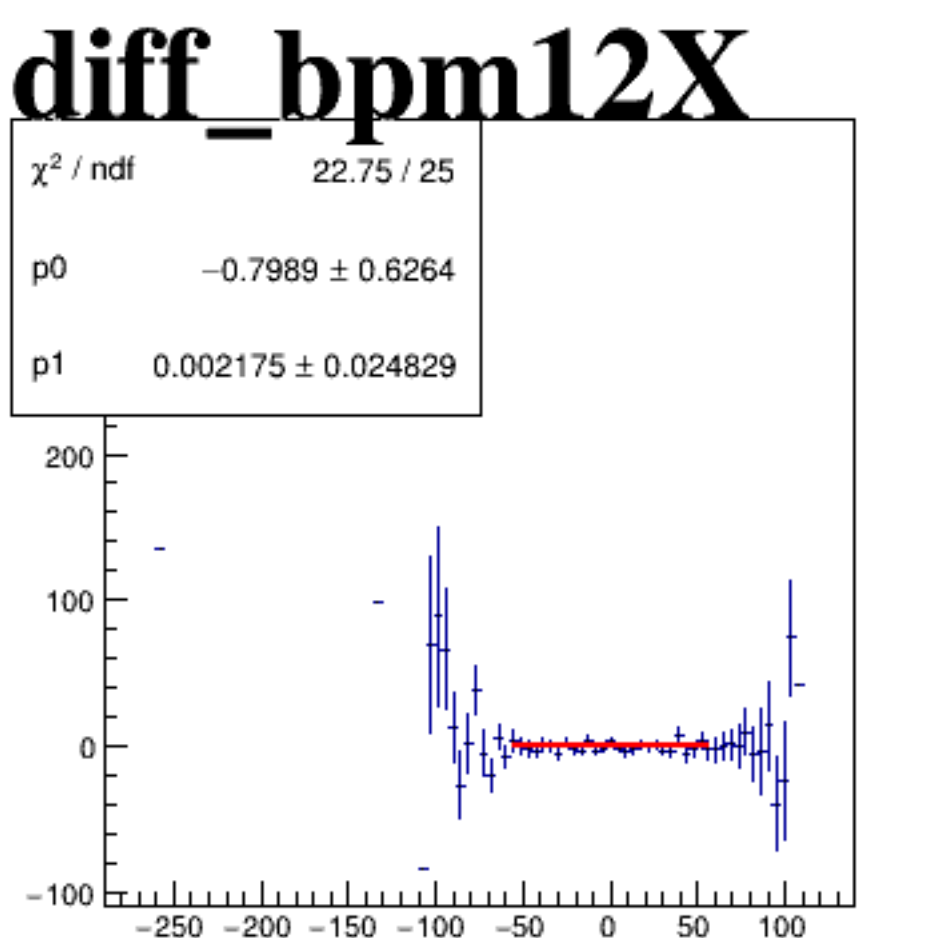
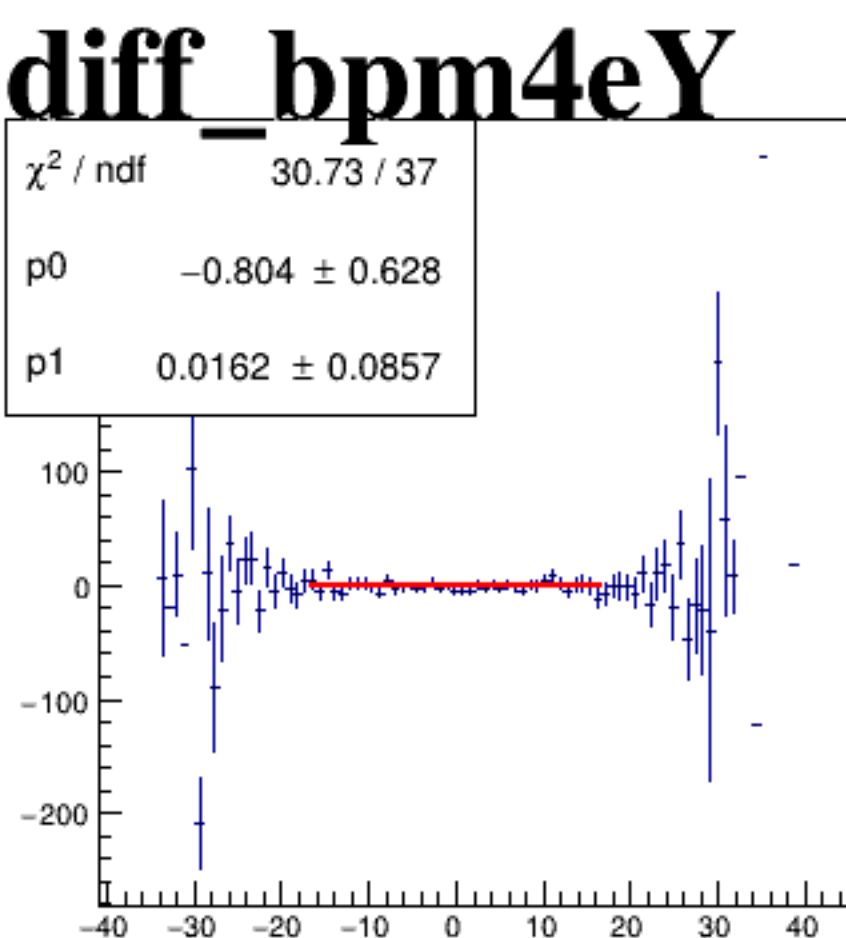
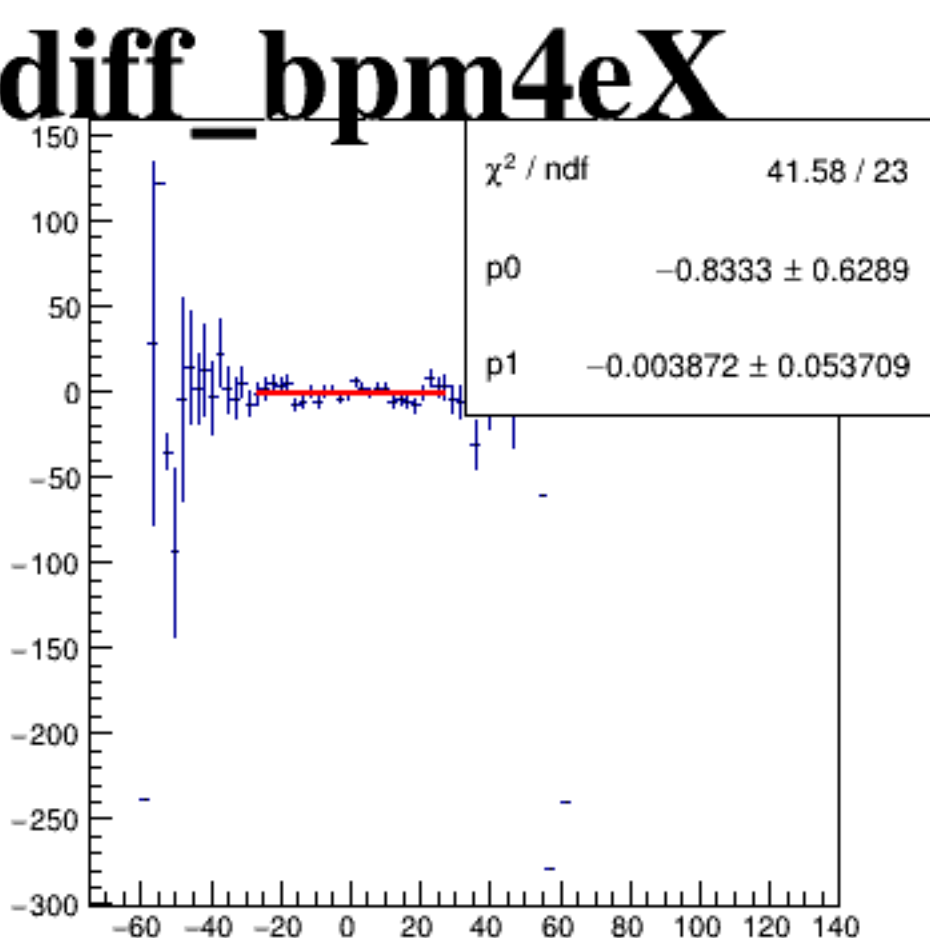
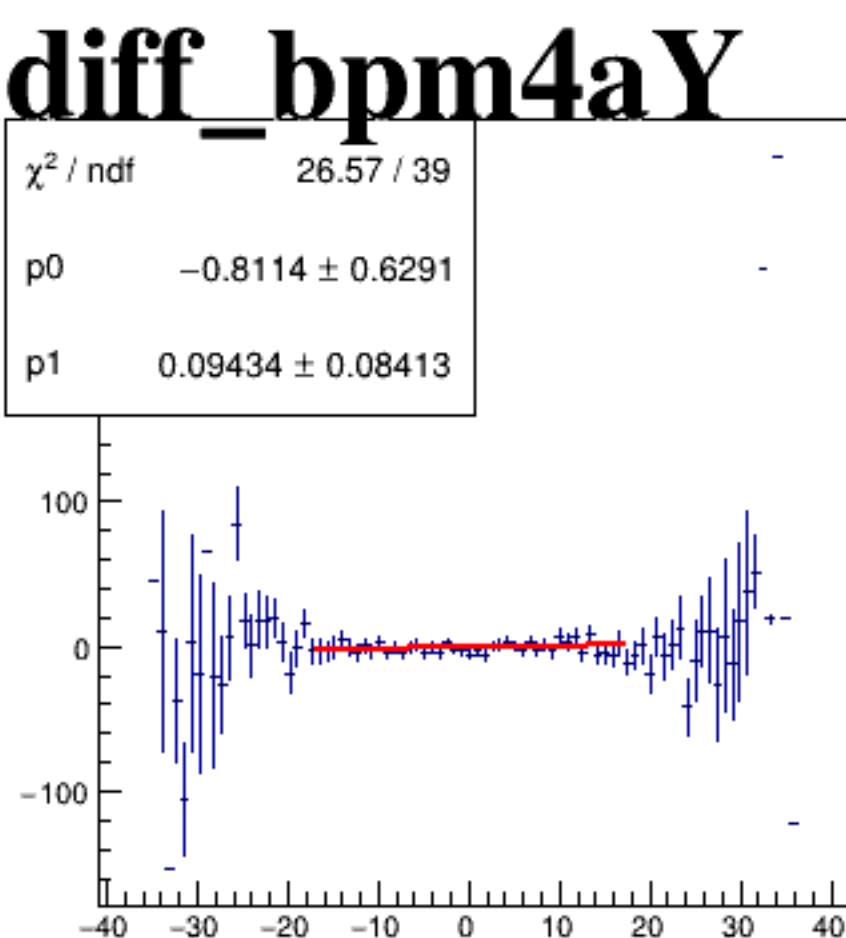
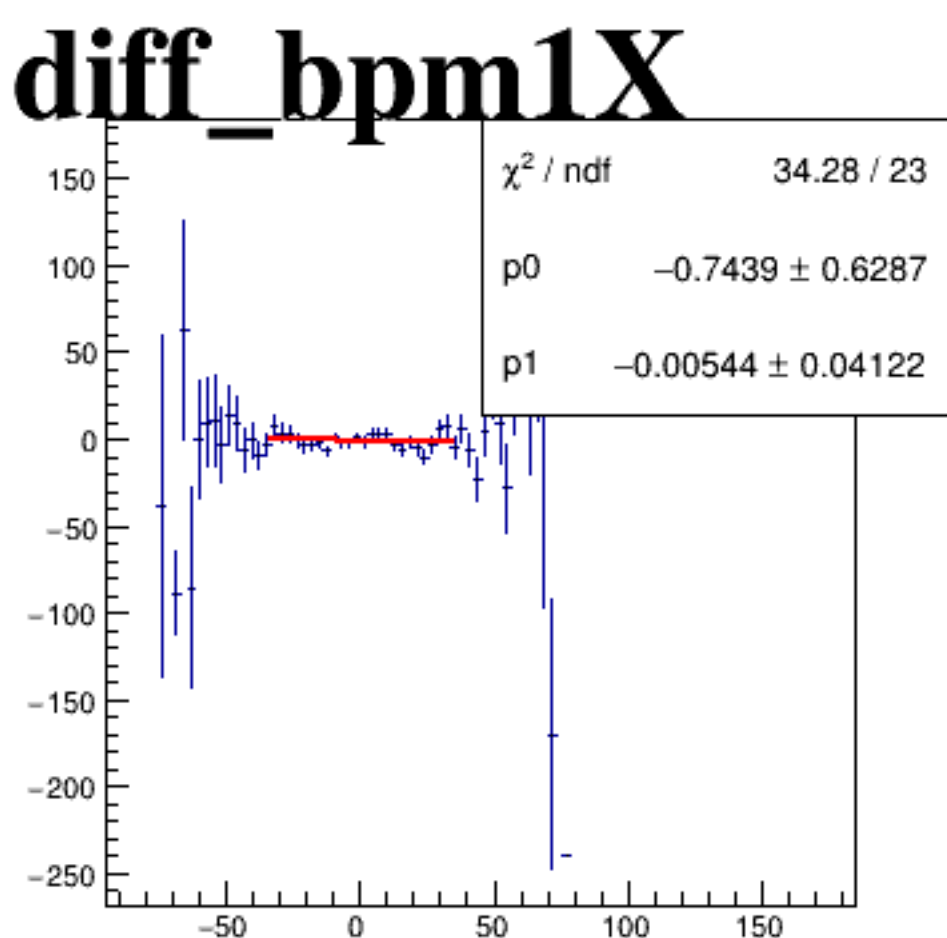
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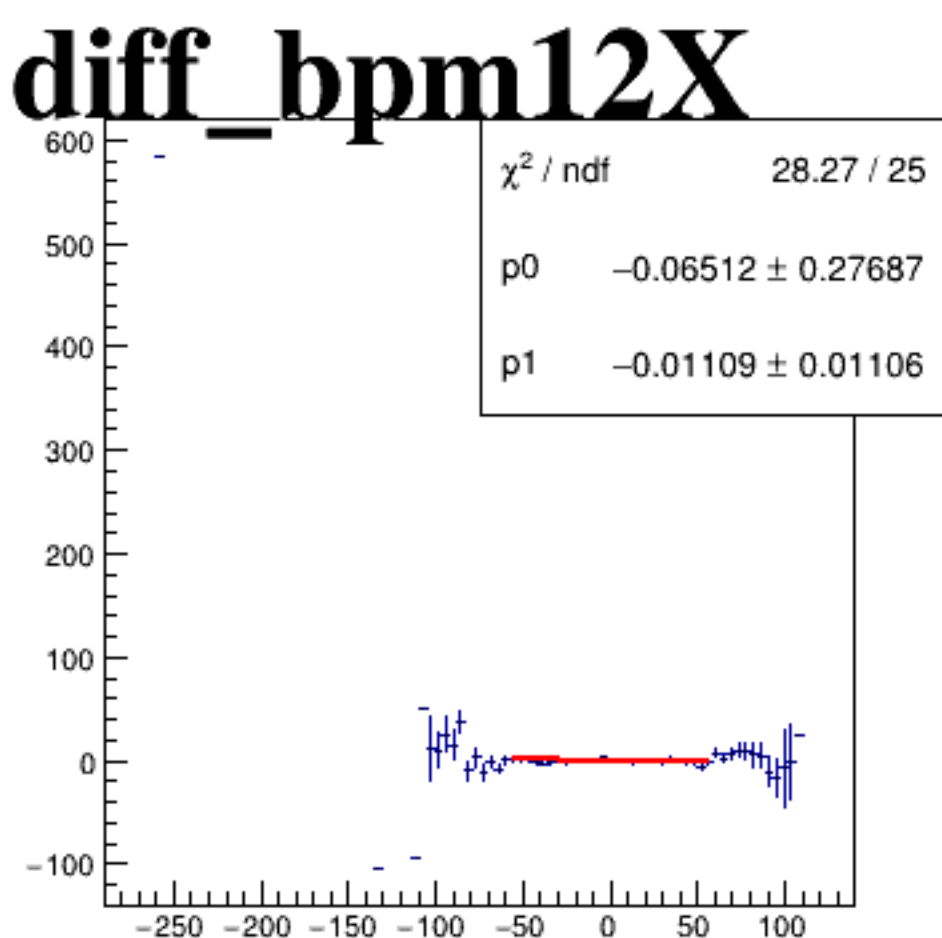
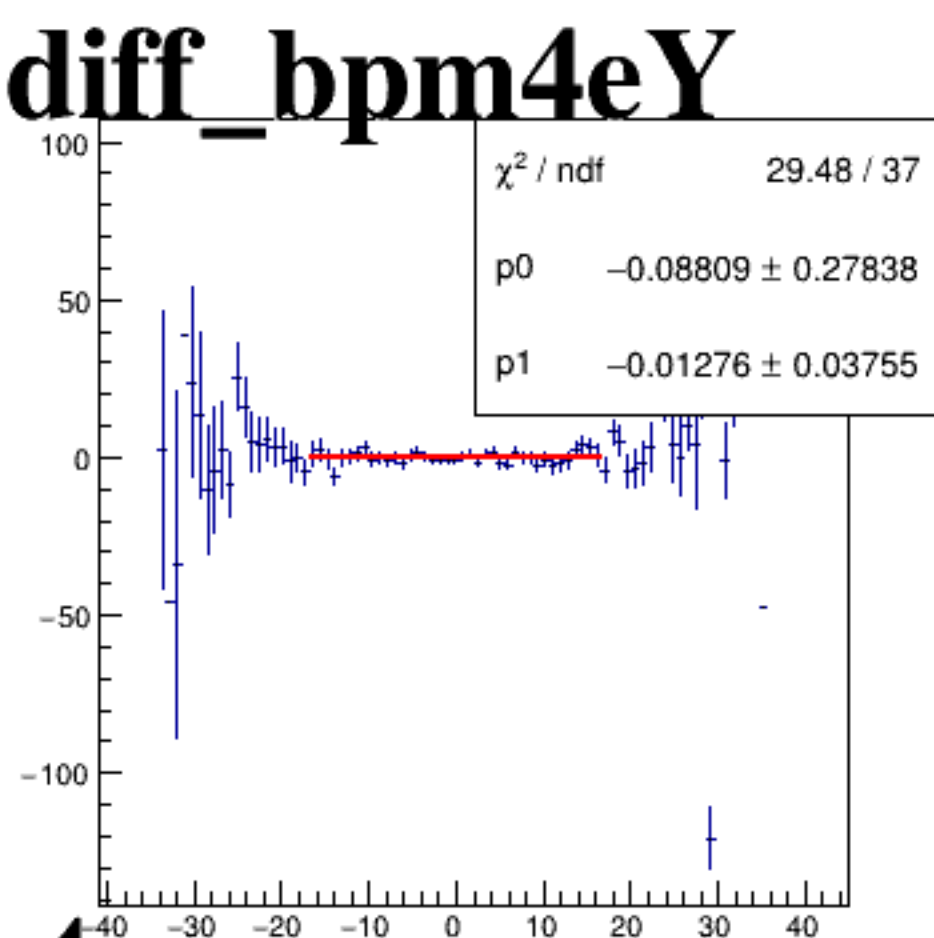
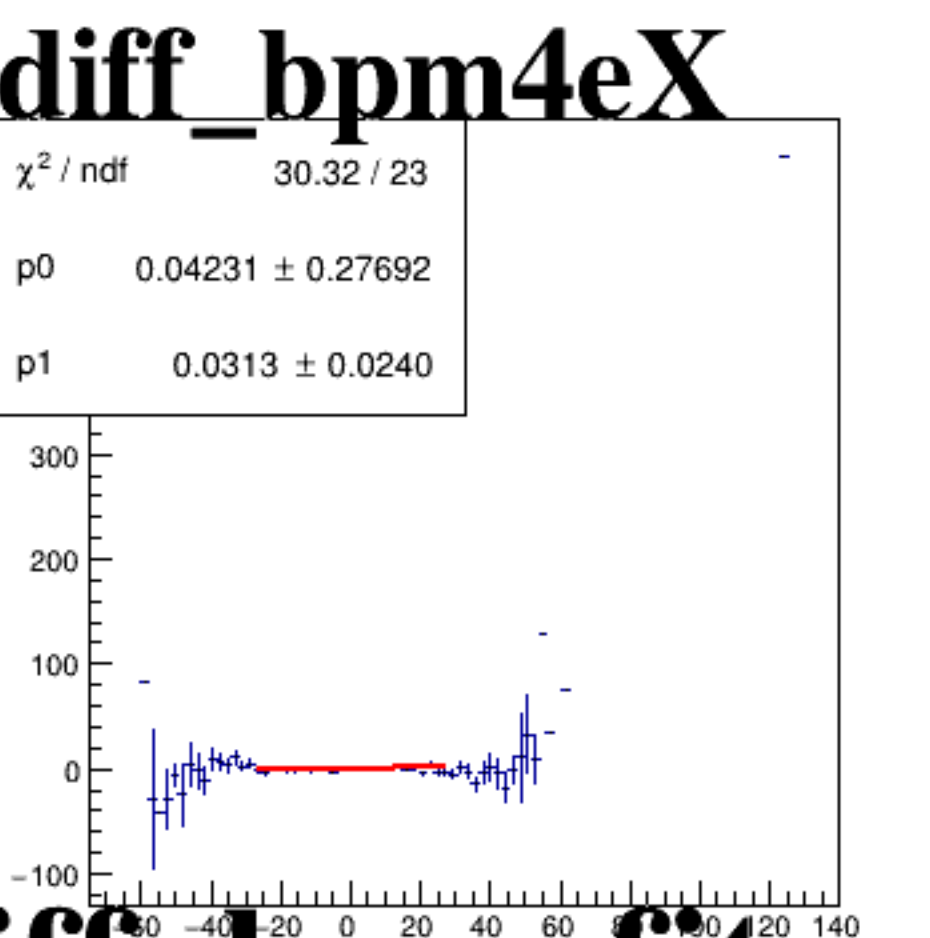
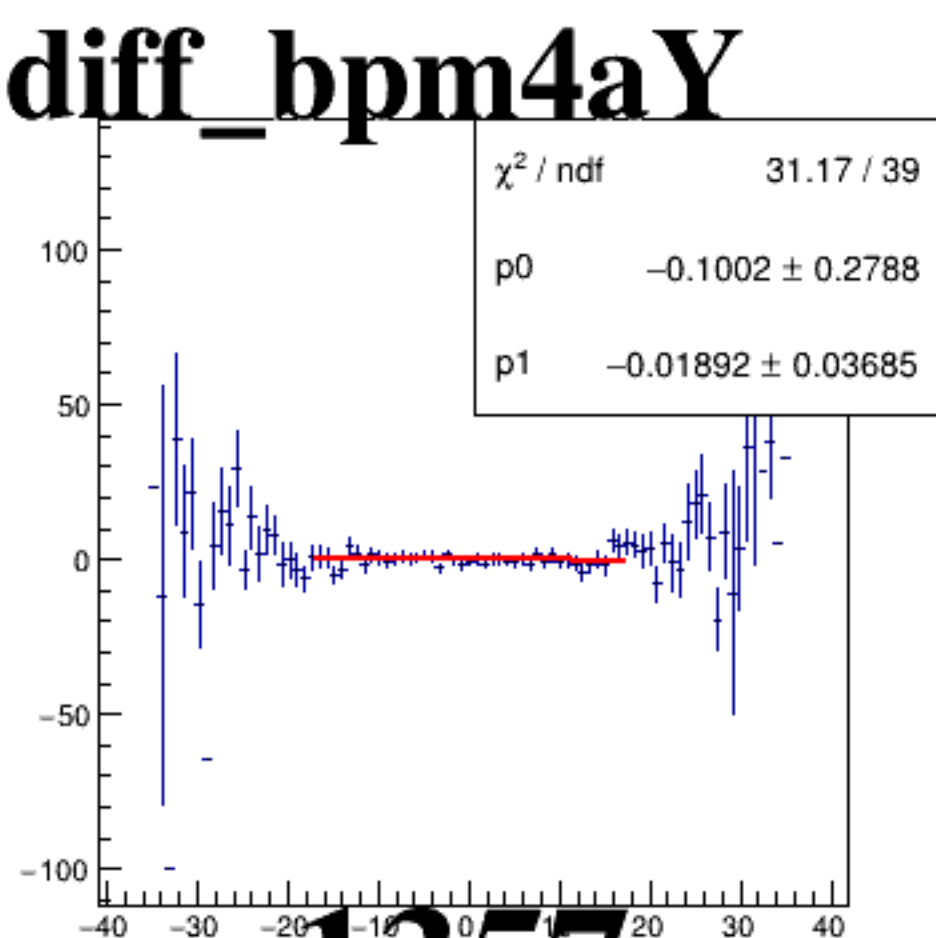
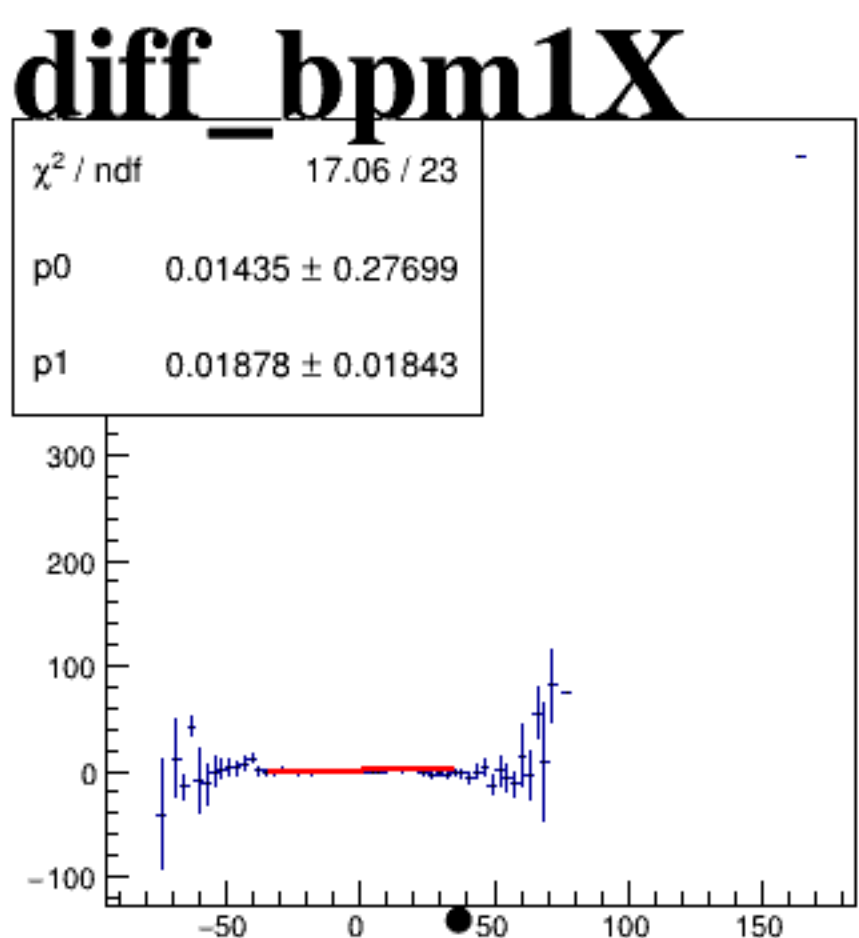
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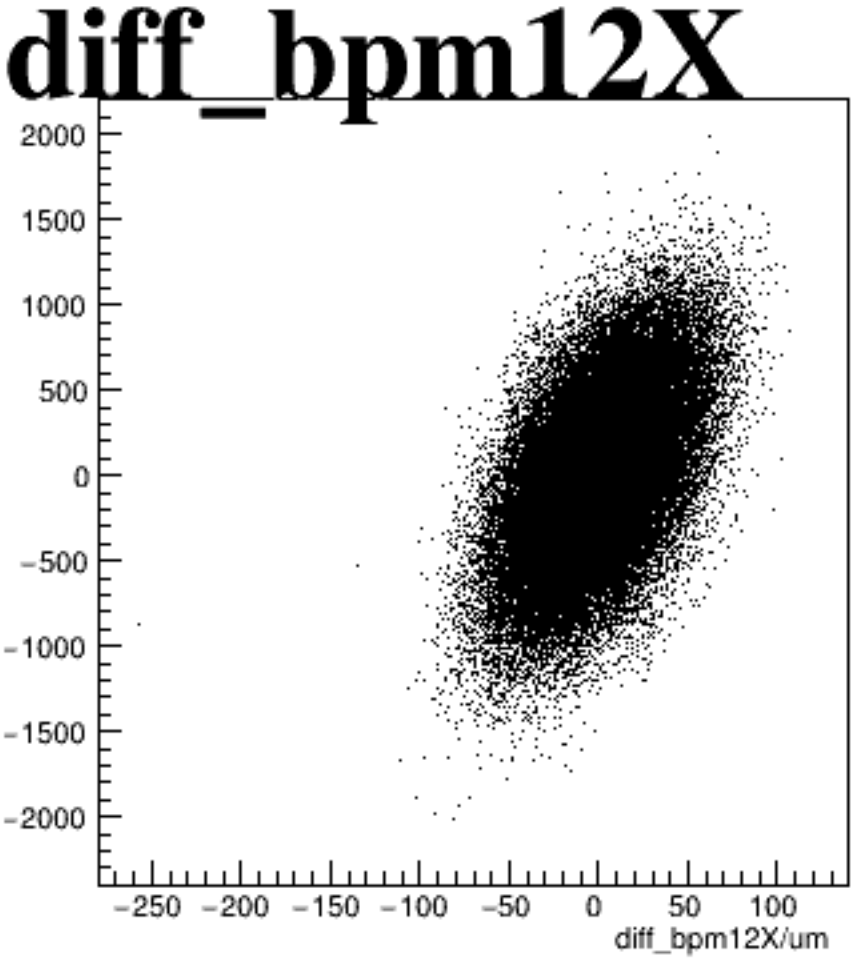
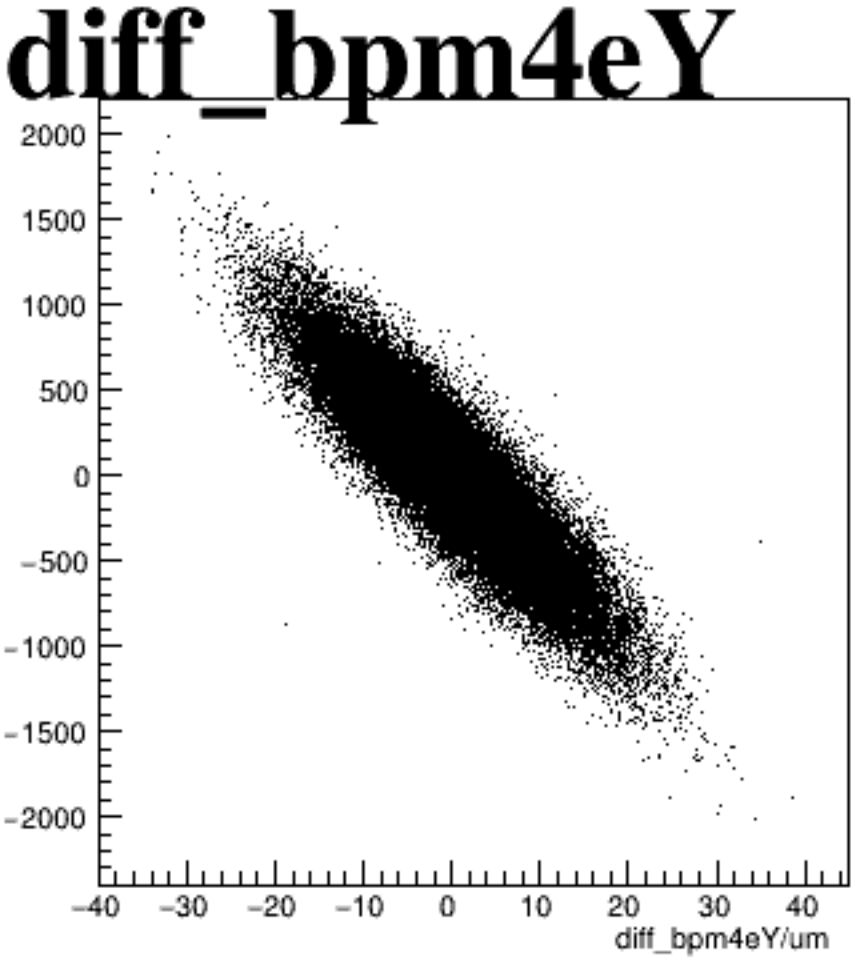
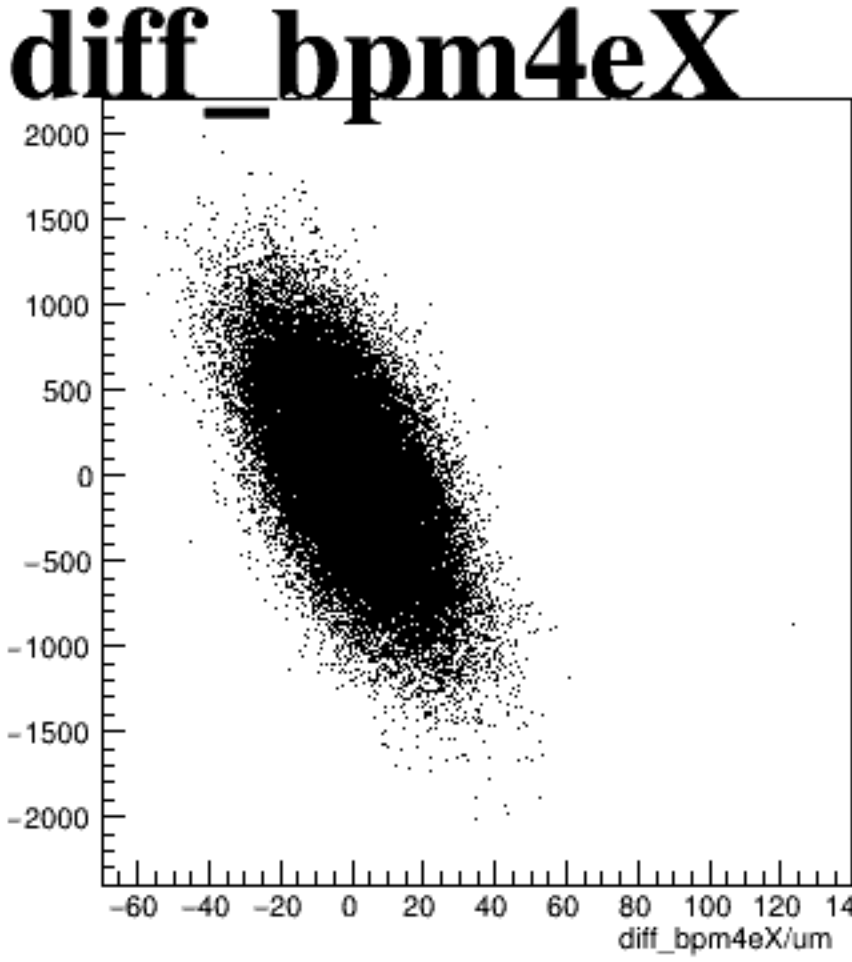
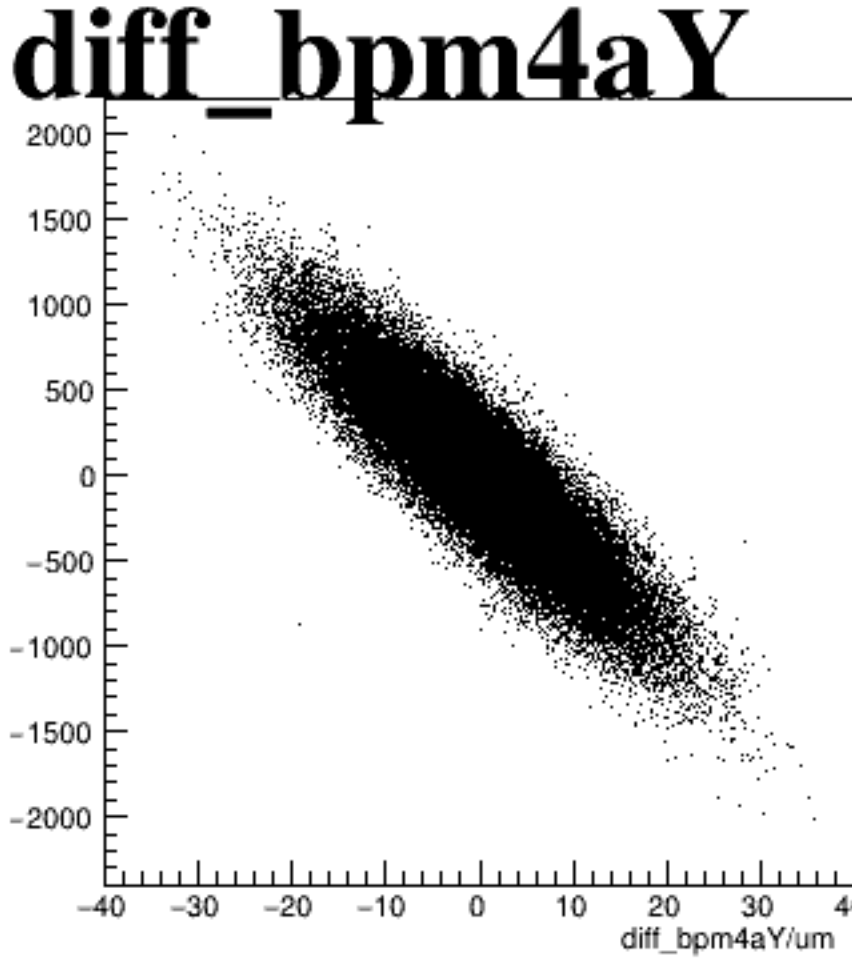
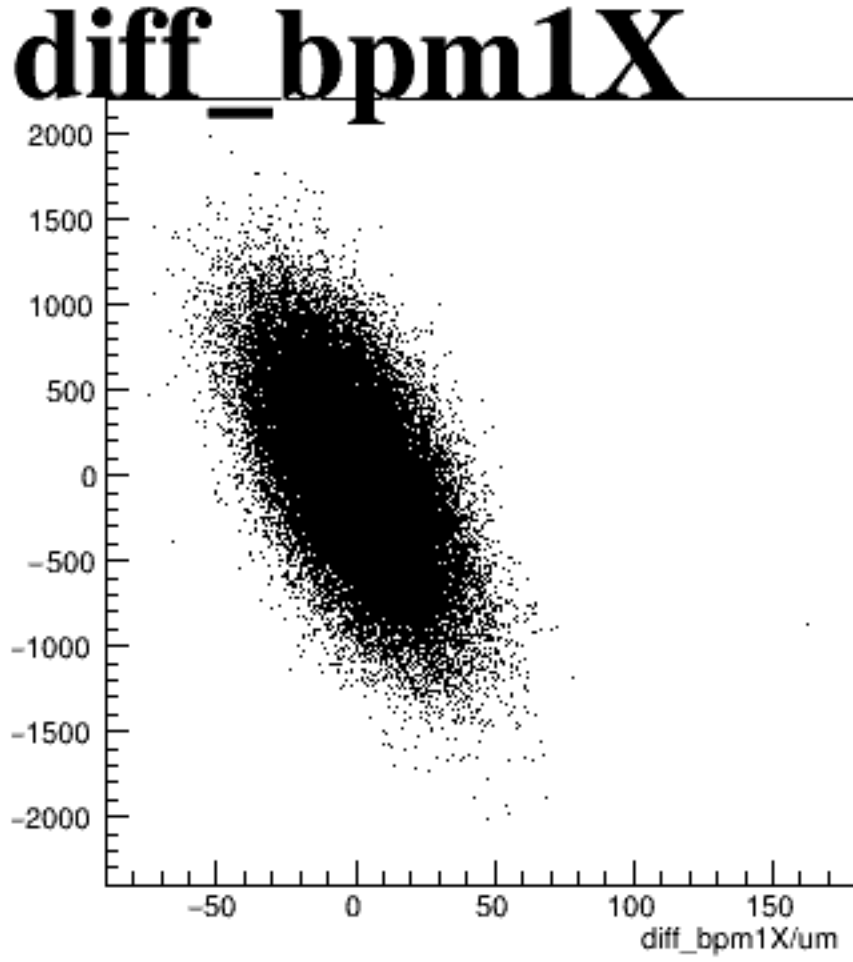
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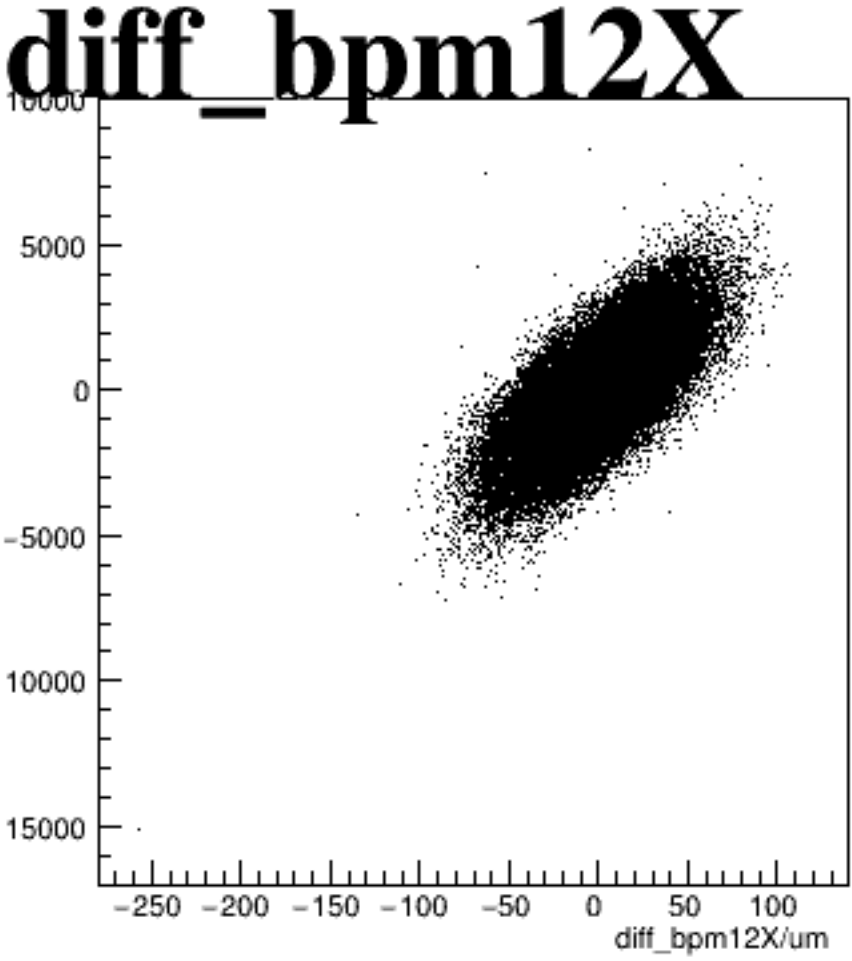
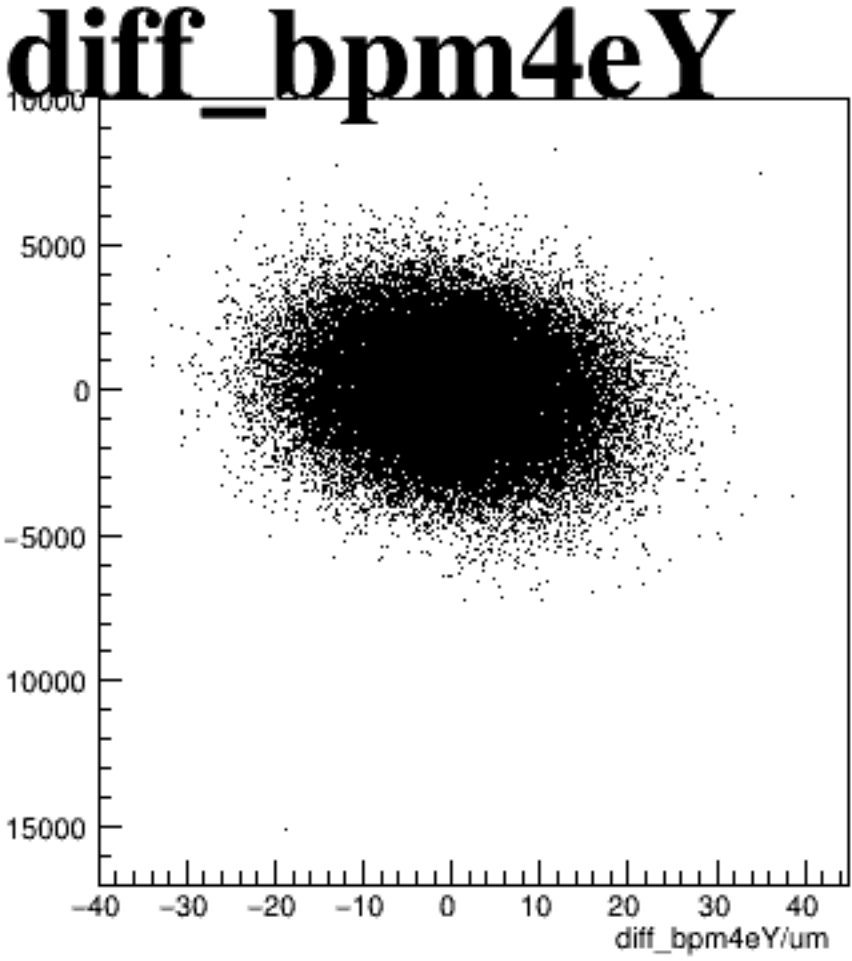
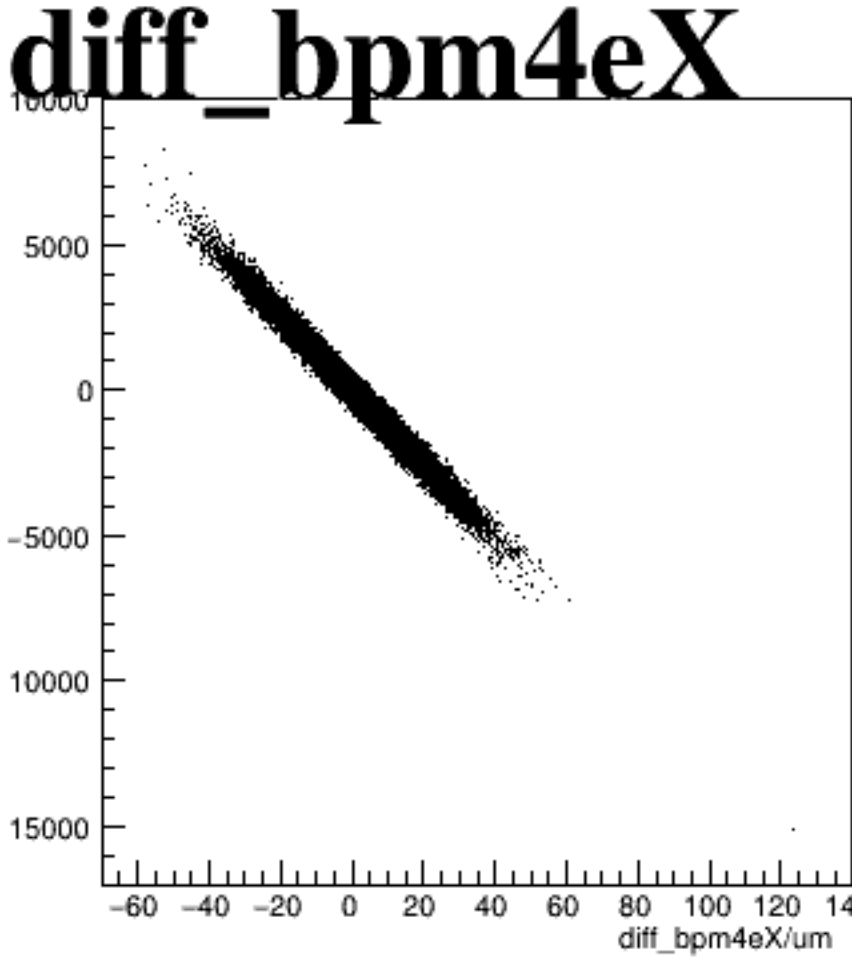
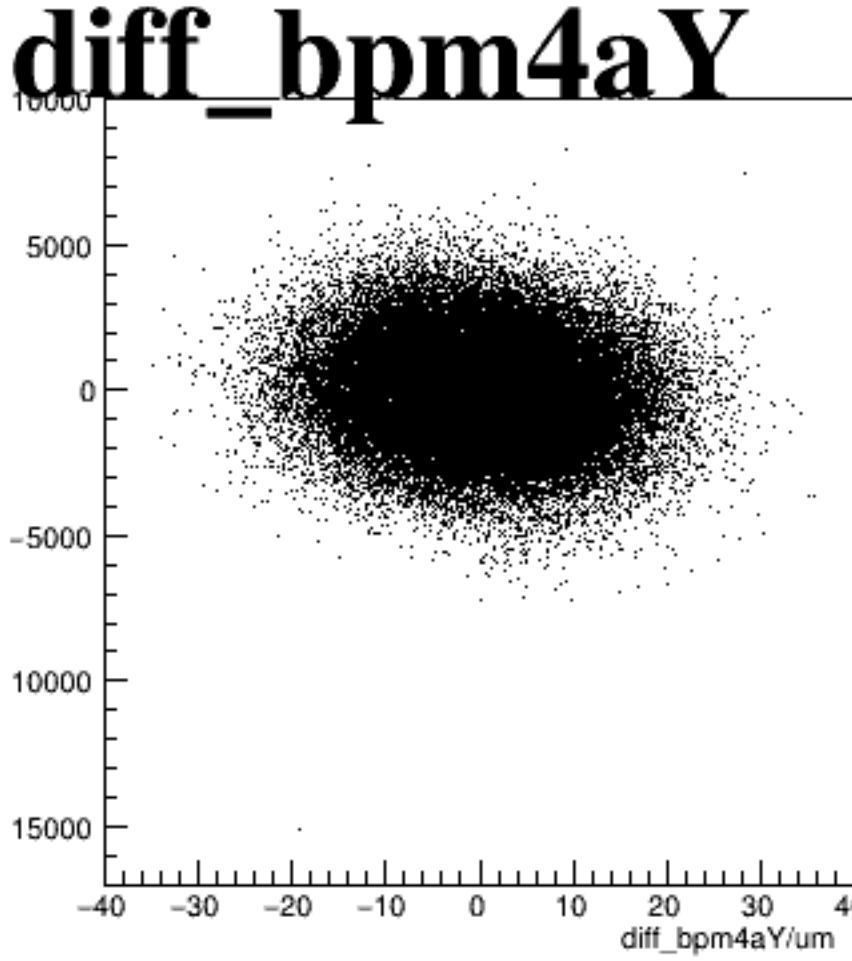
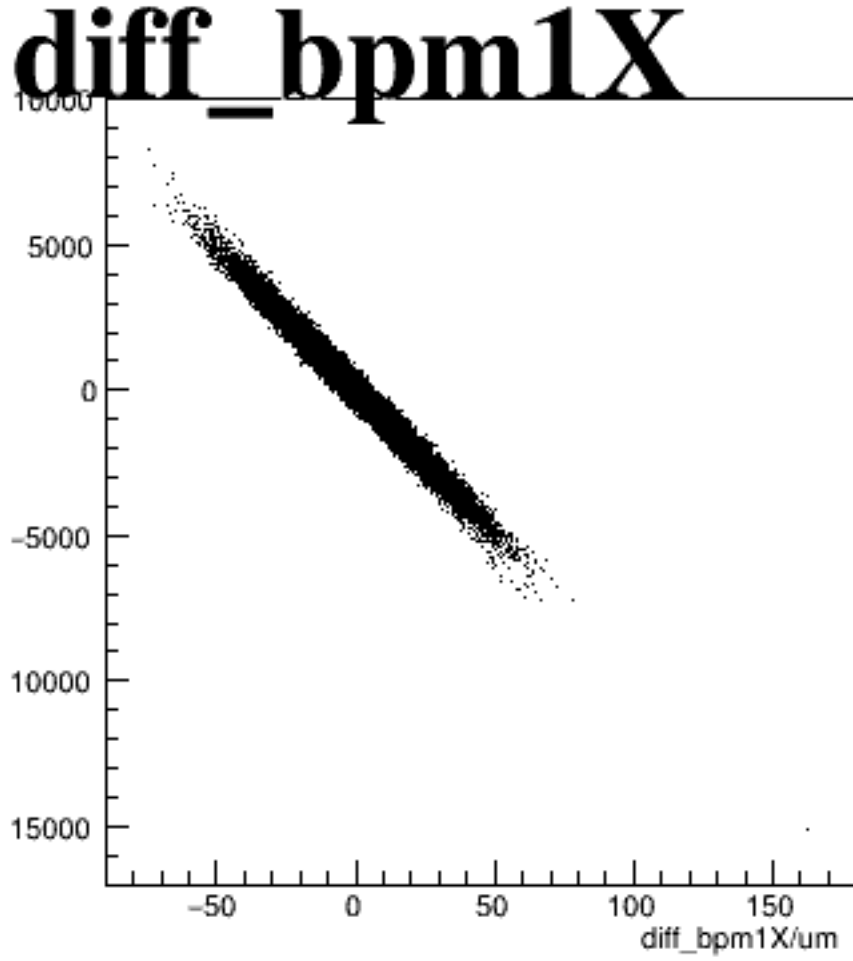
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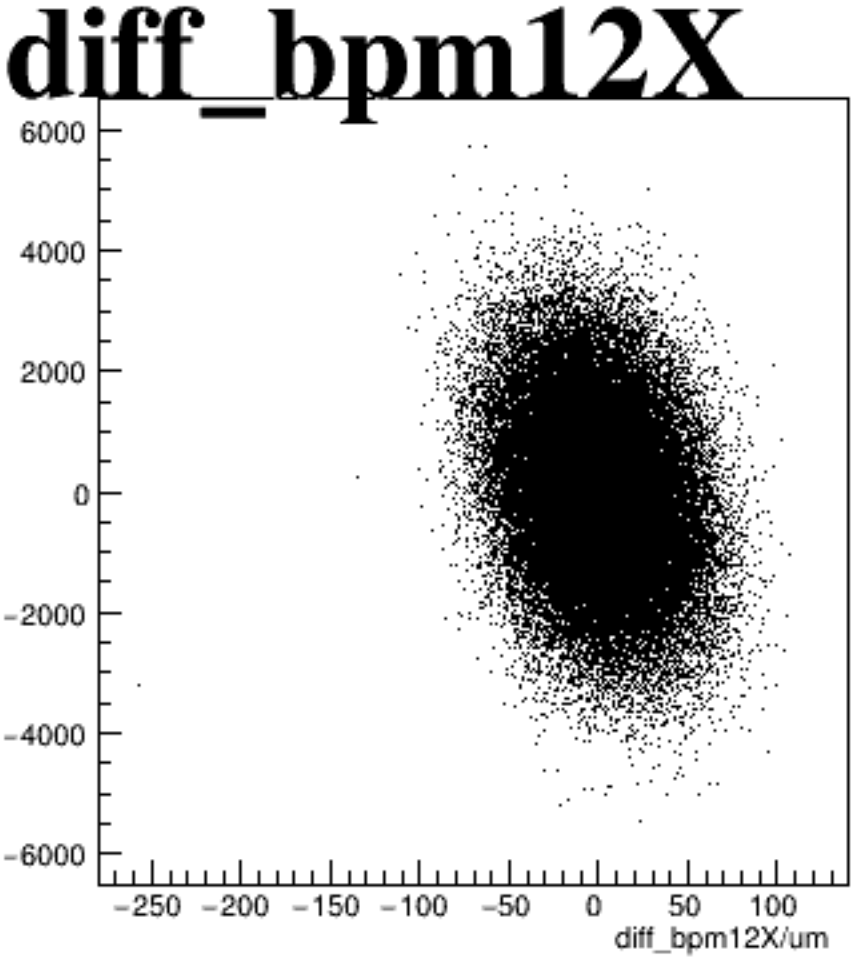
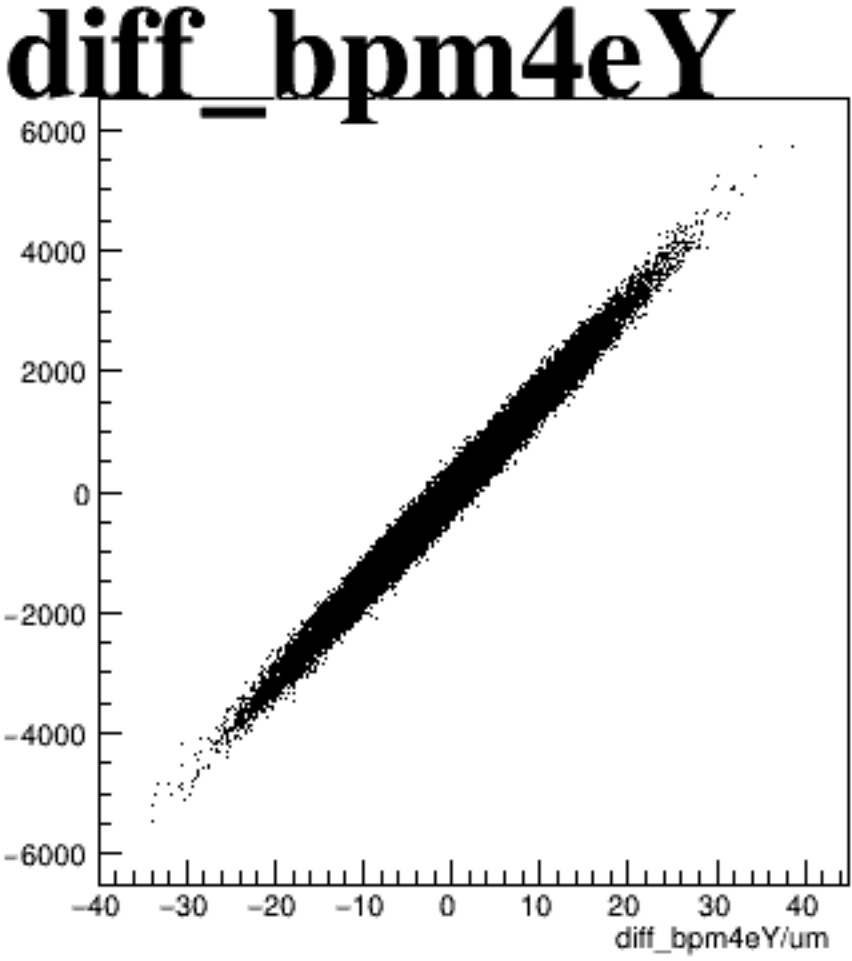
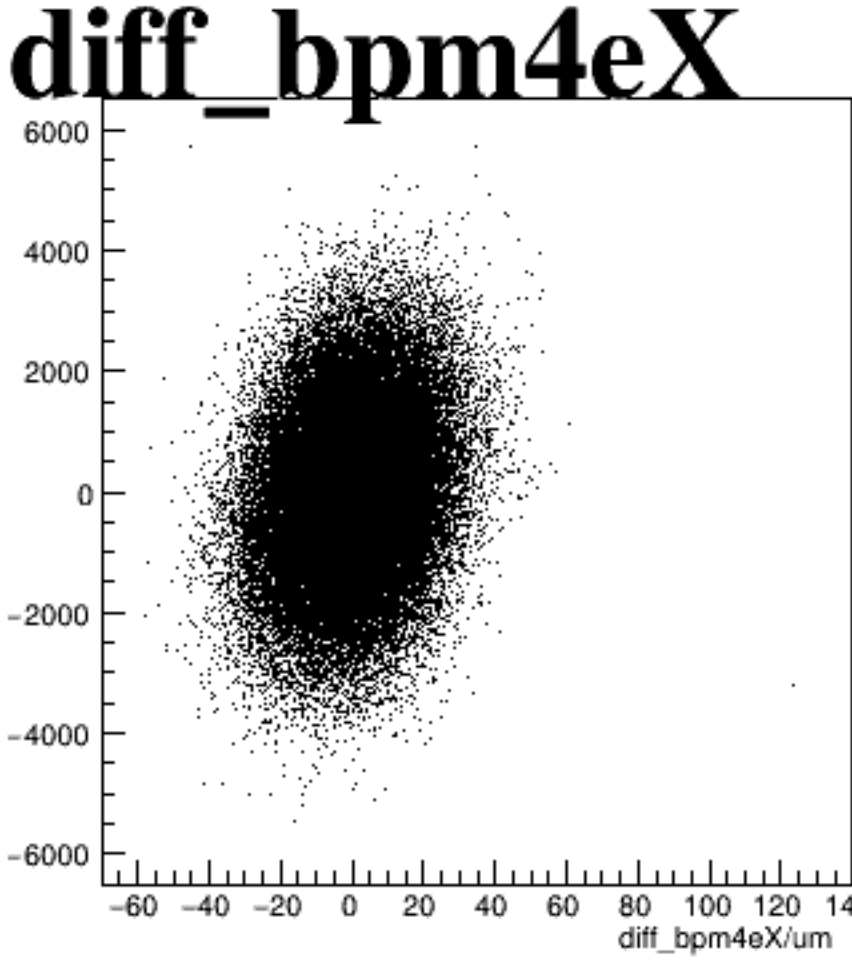
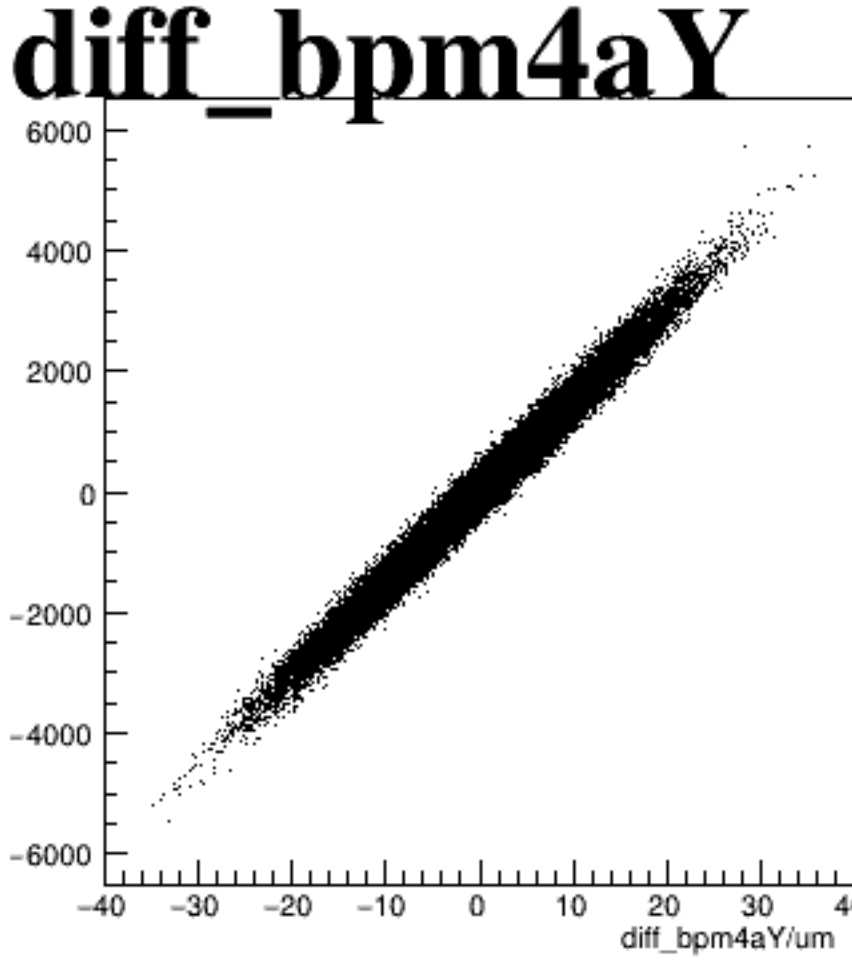
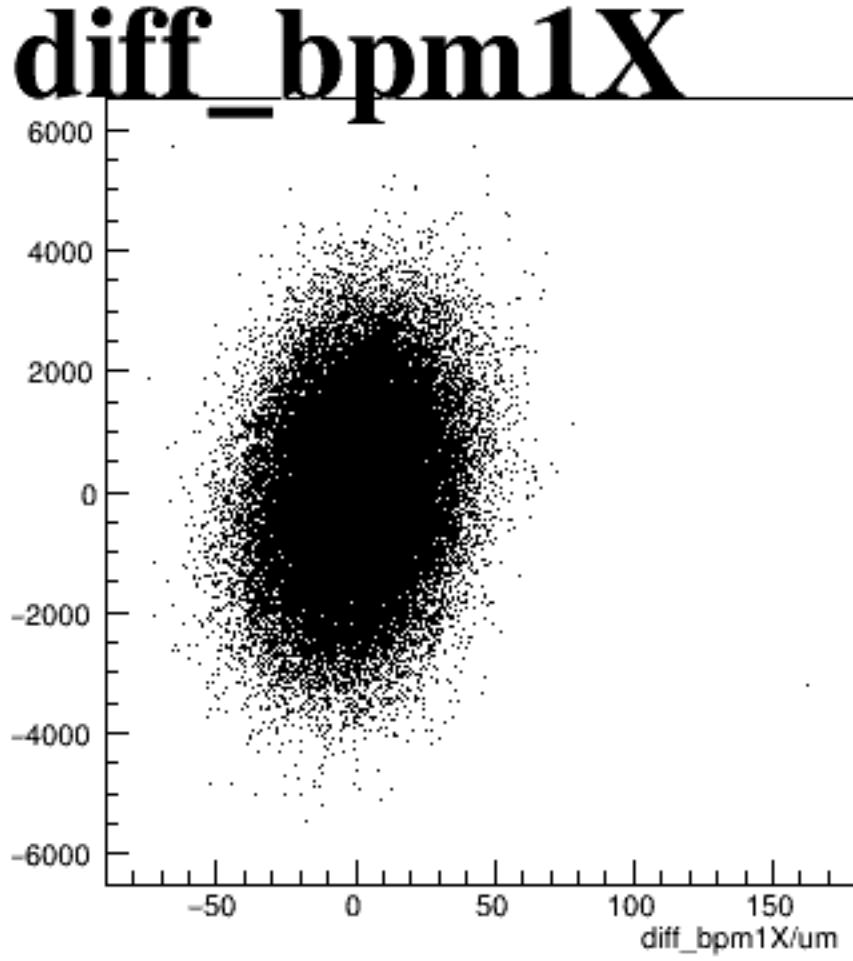
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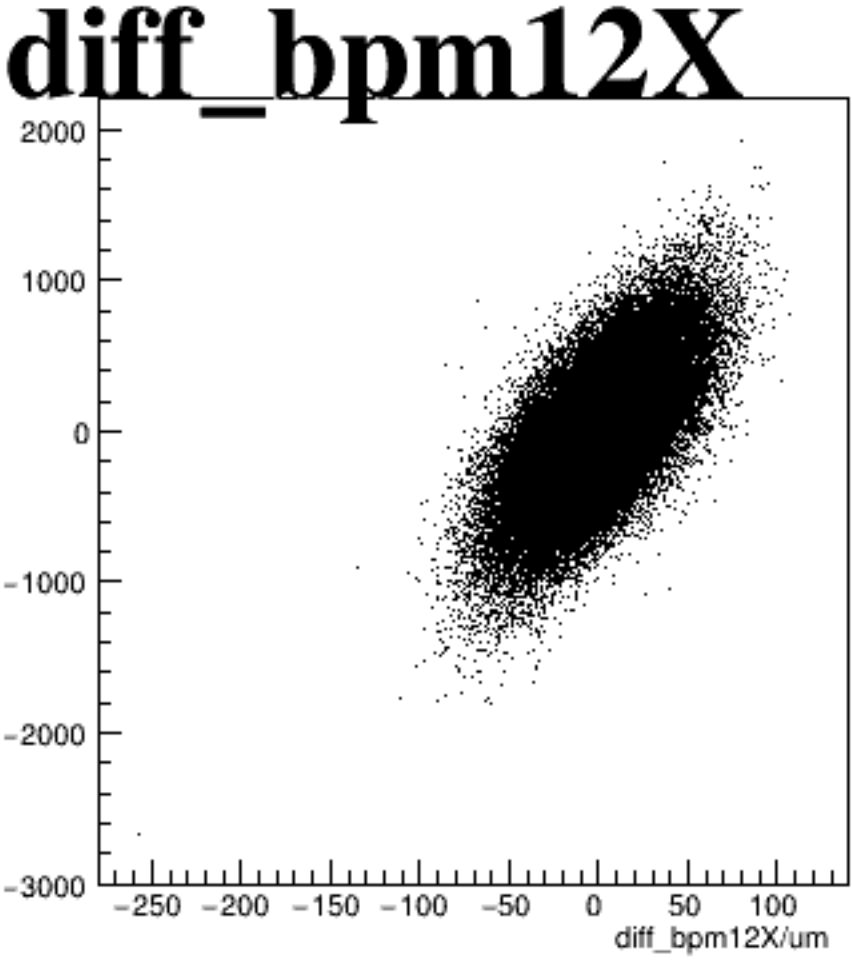
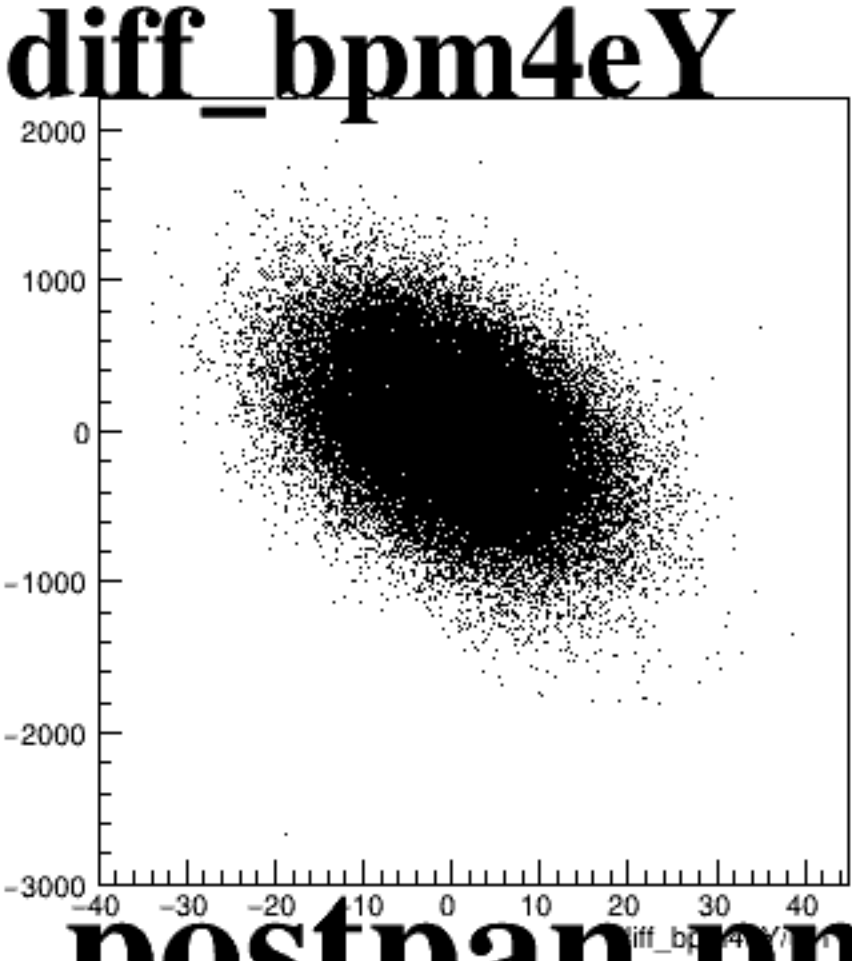
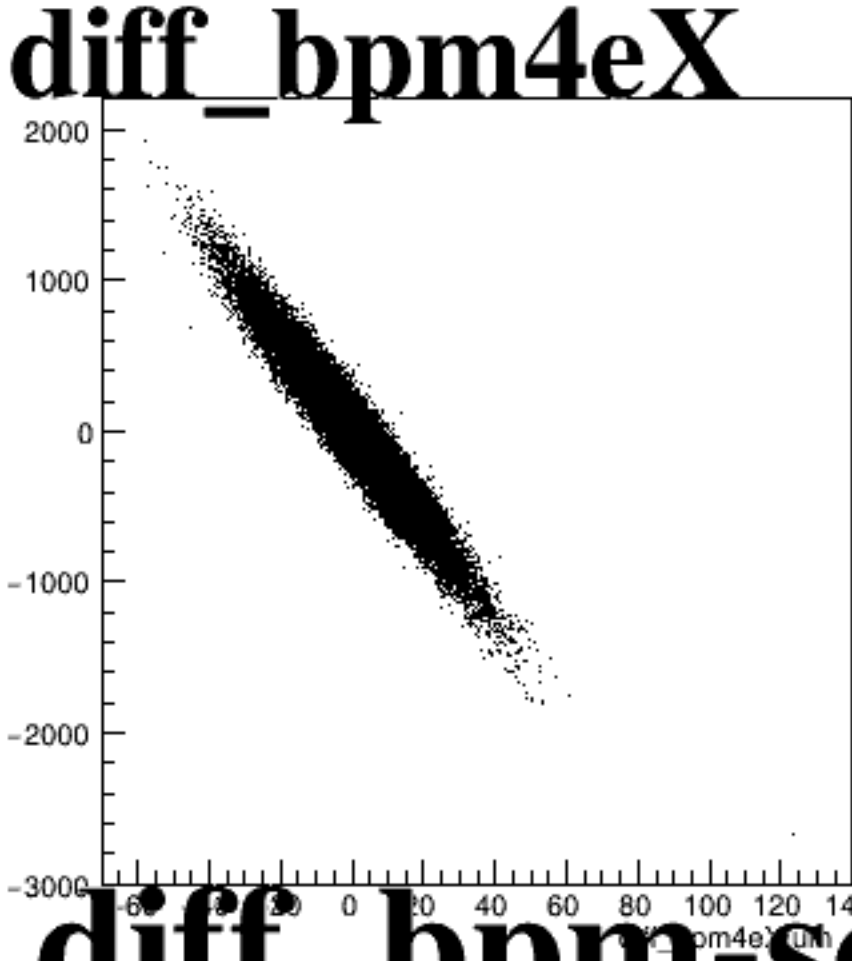
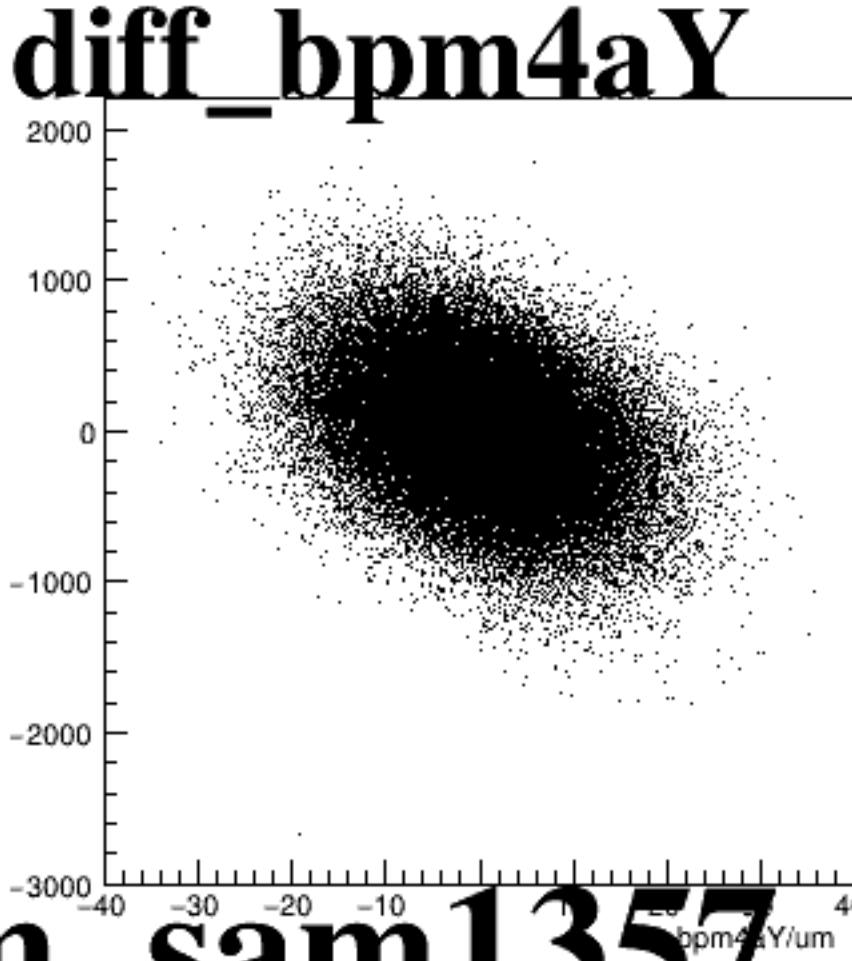
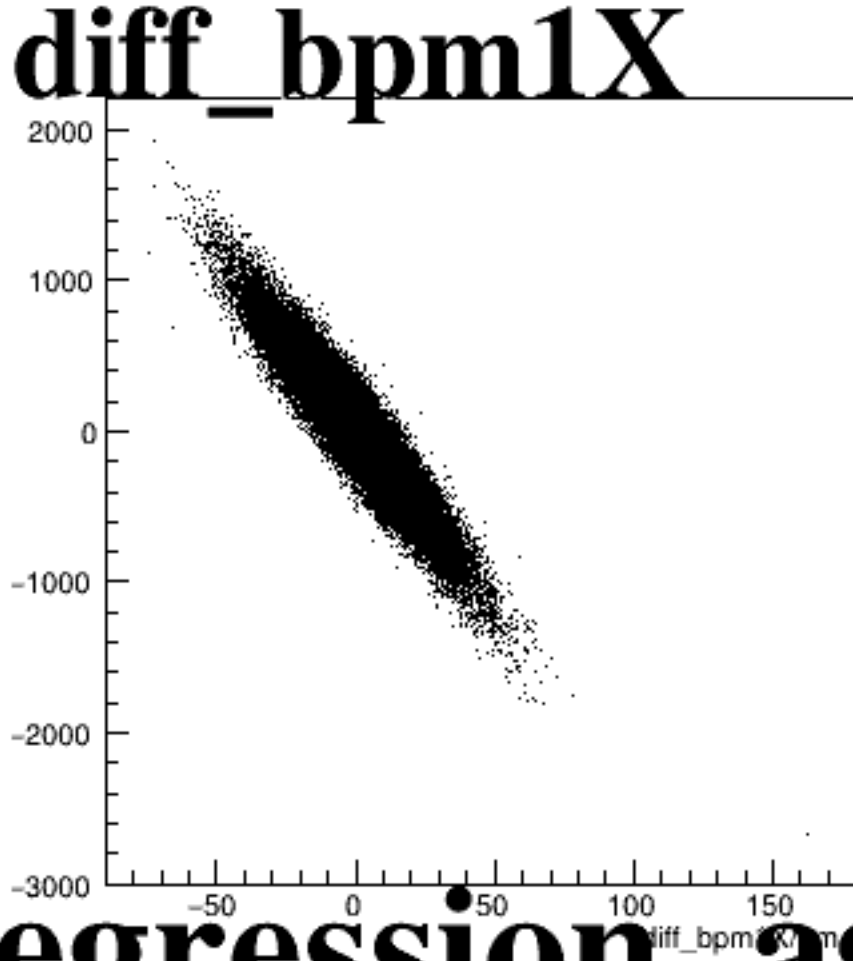
asym_sam3



asym_sam5



asym_sam7



diff_bpm1X

diff_bpm4aY

diff_bpm4eX

diff_bpm4eY

diff_bpm12X