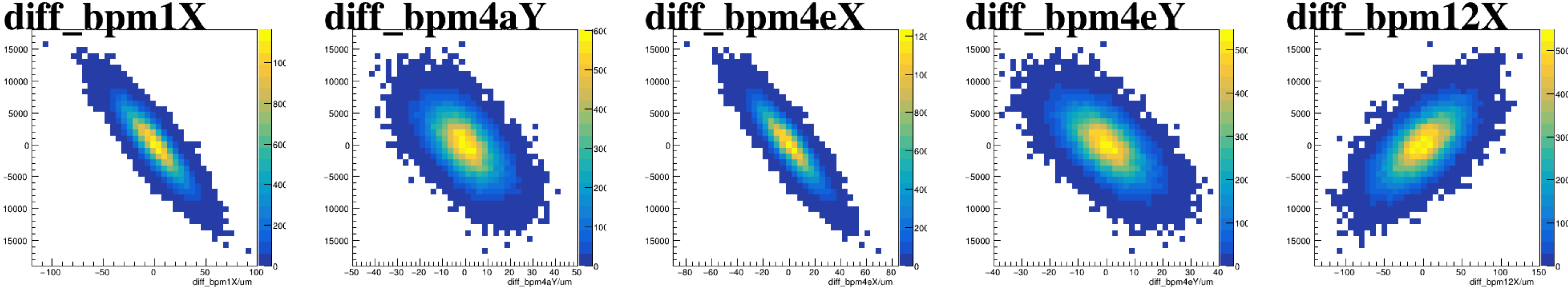
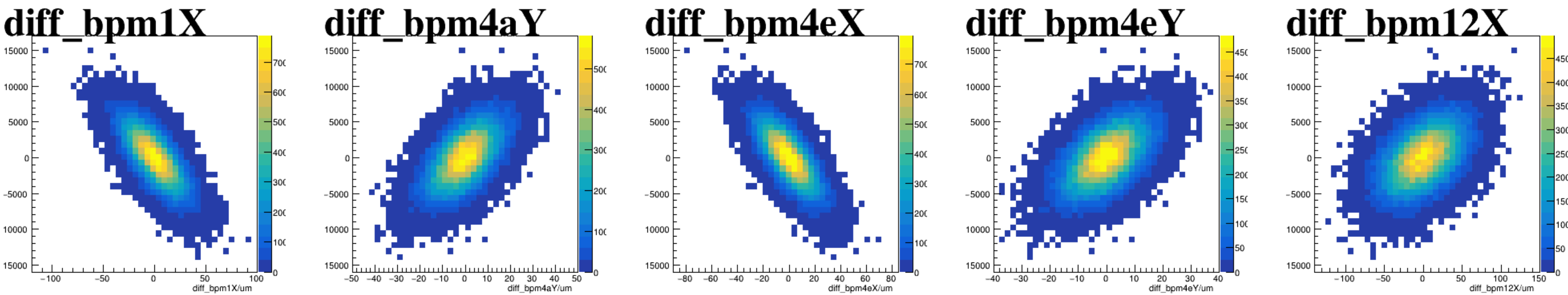


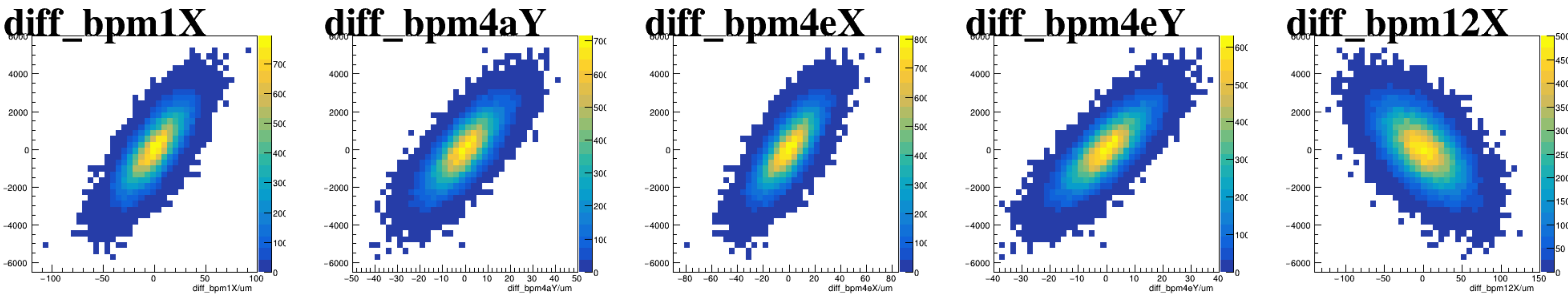
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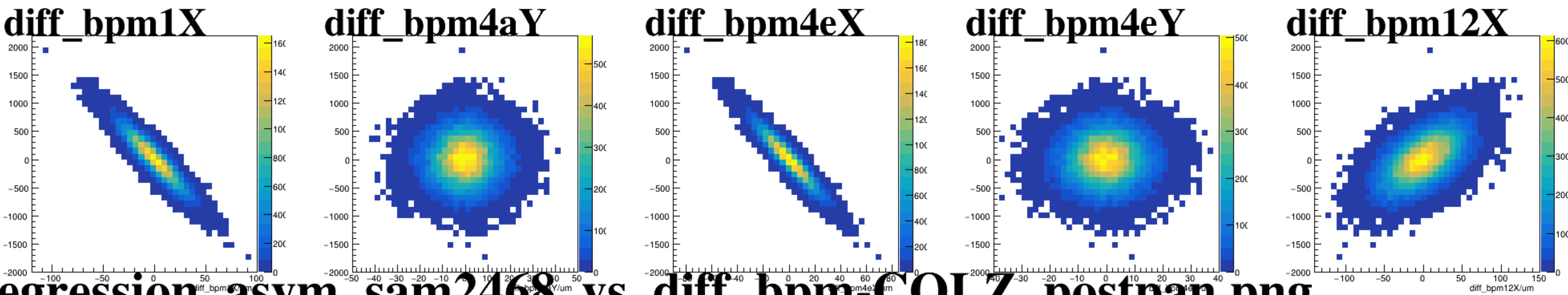
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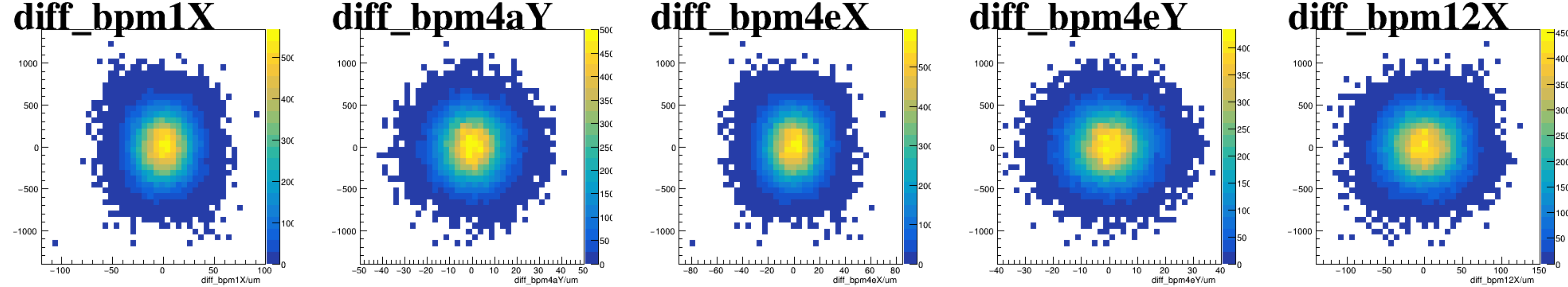
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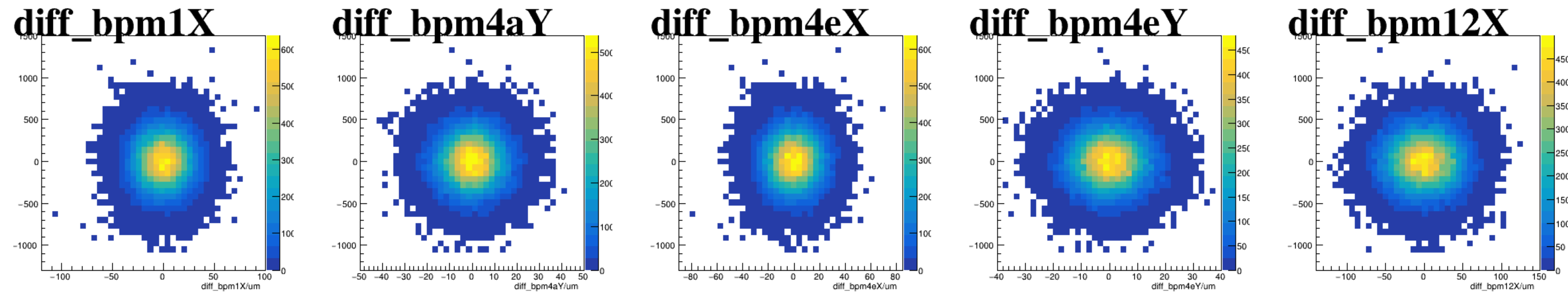
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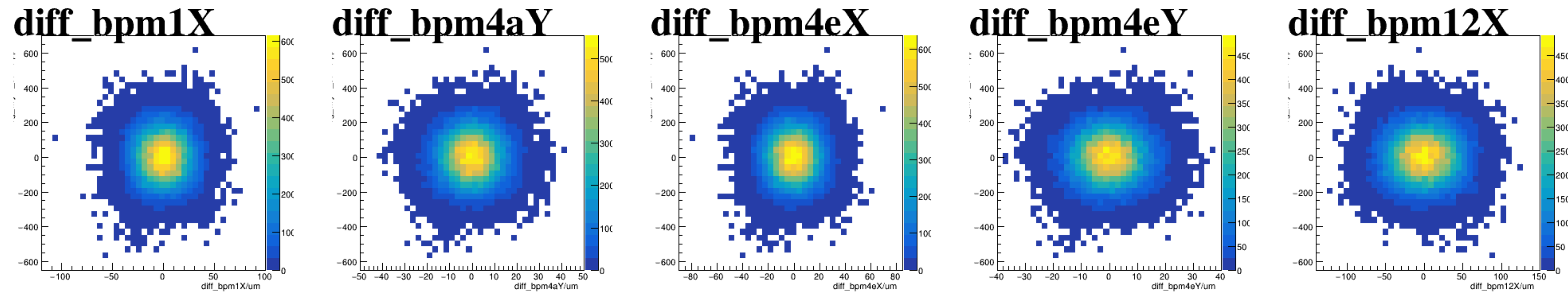
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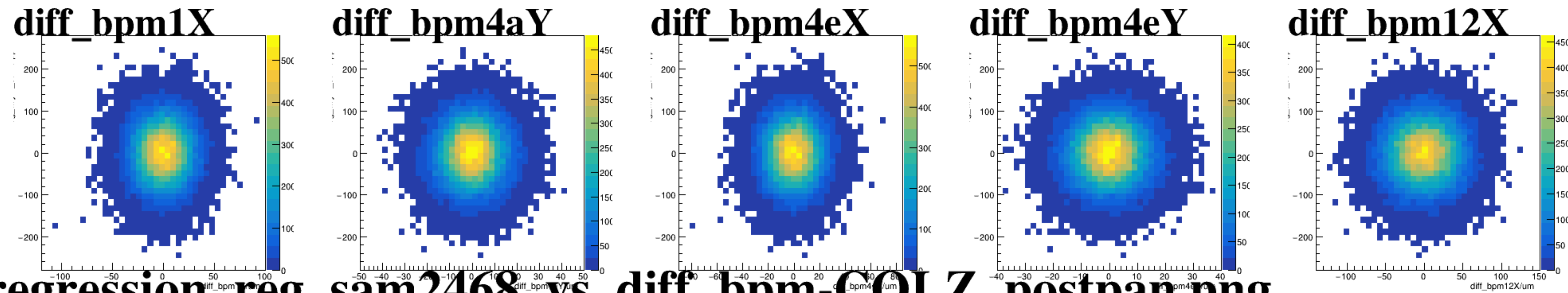
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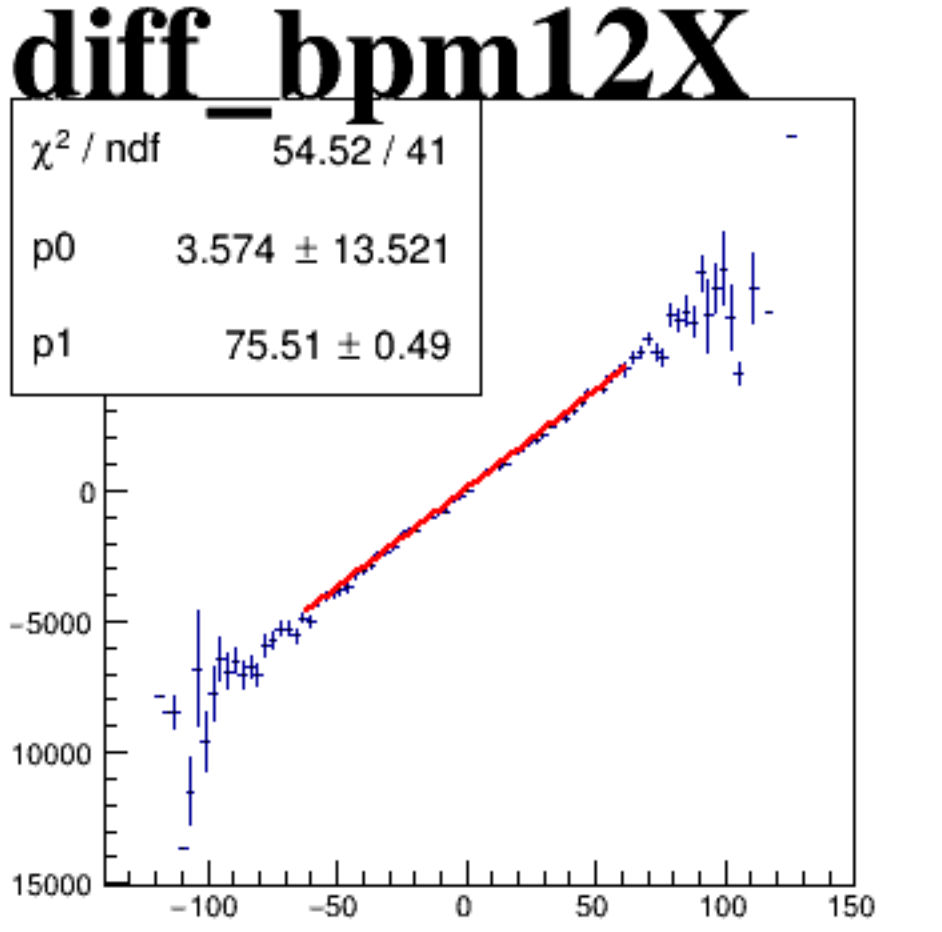
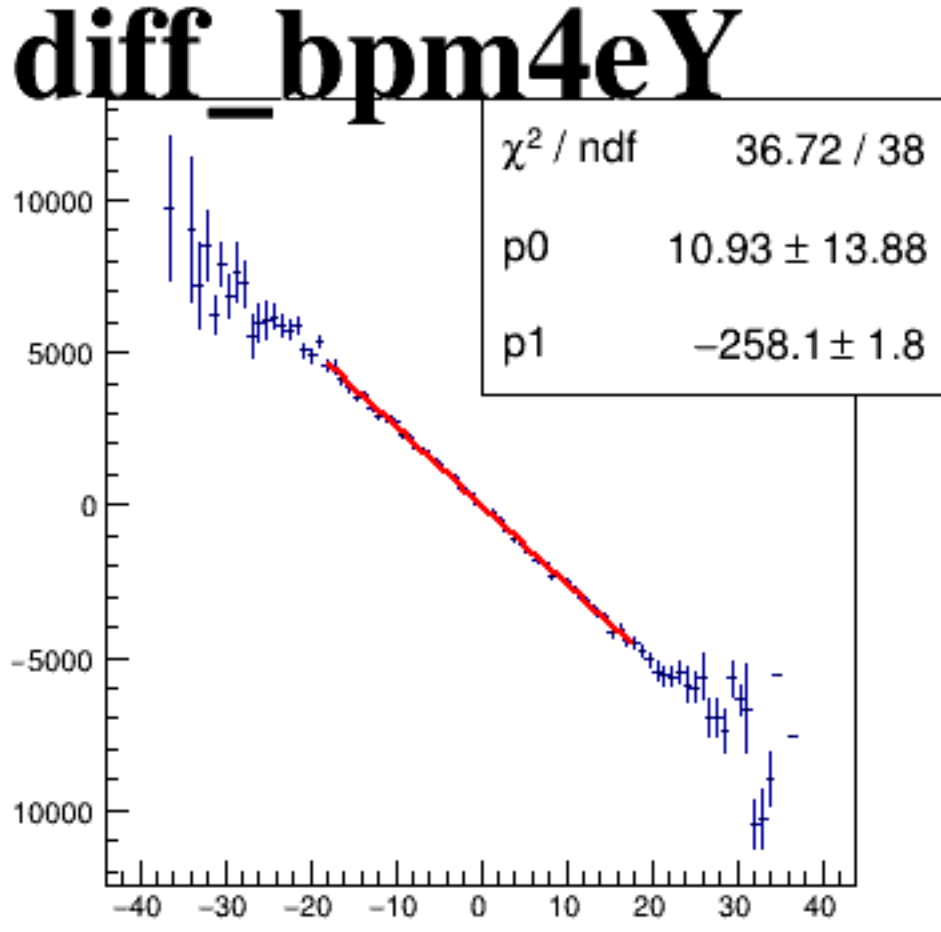
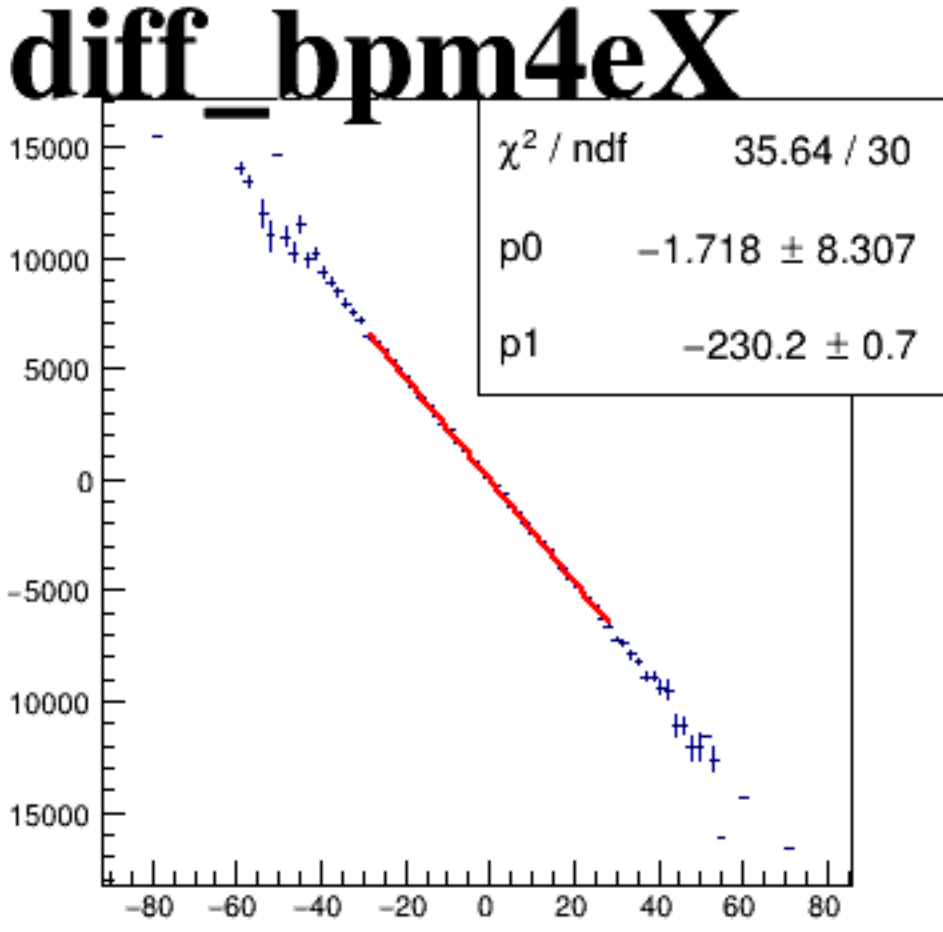
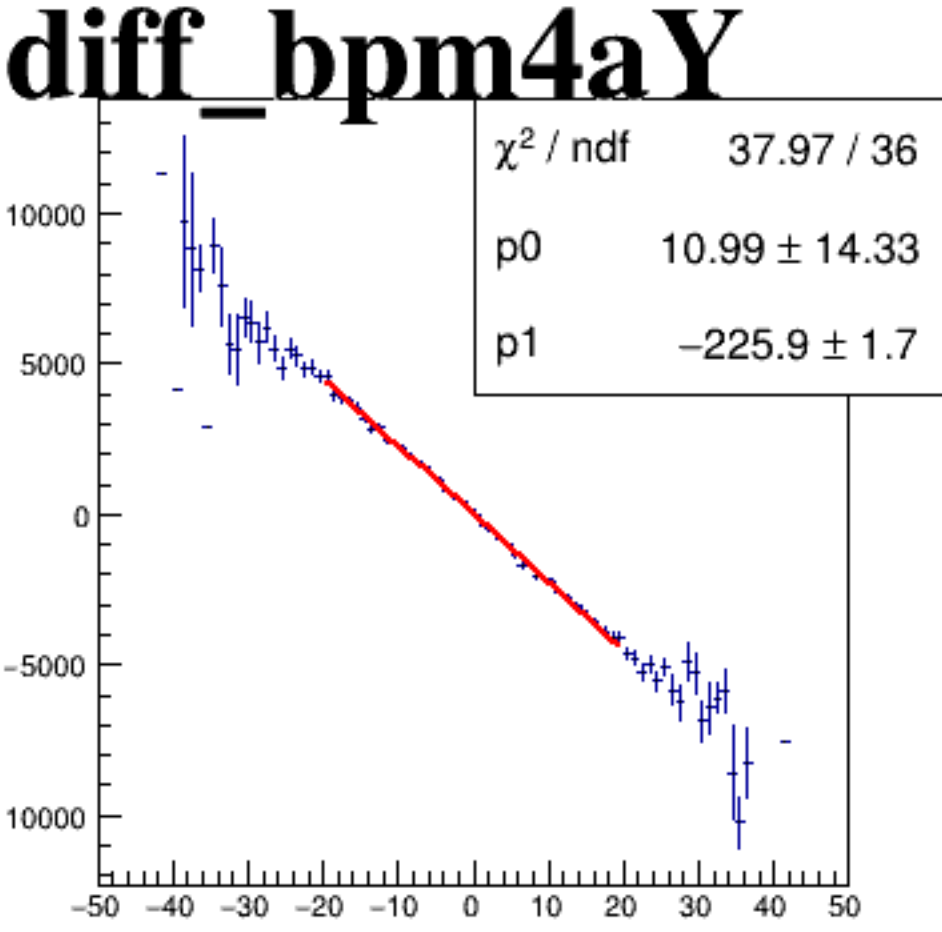
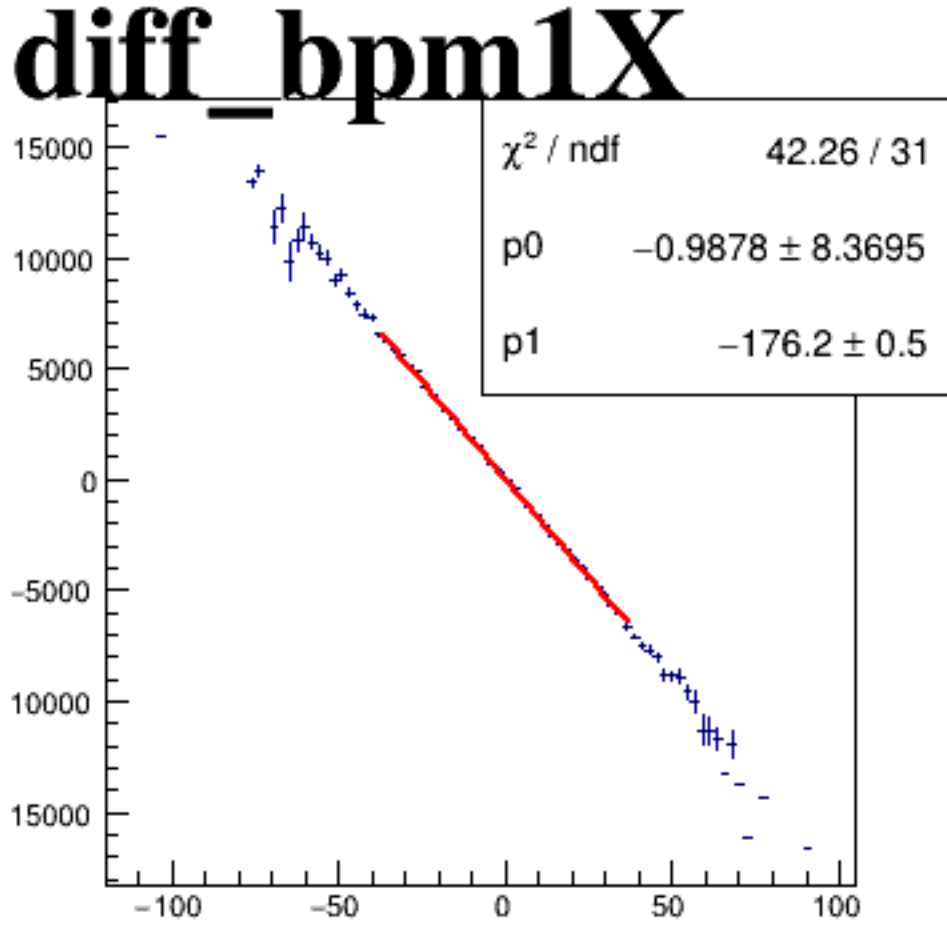
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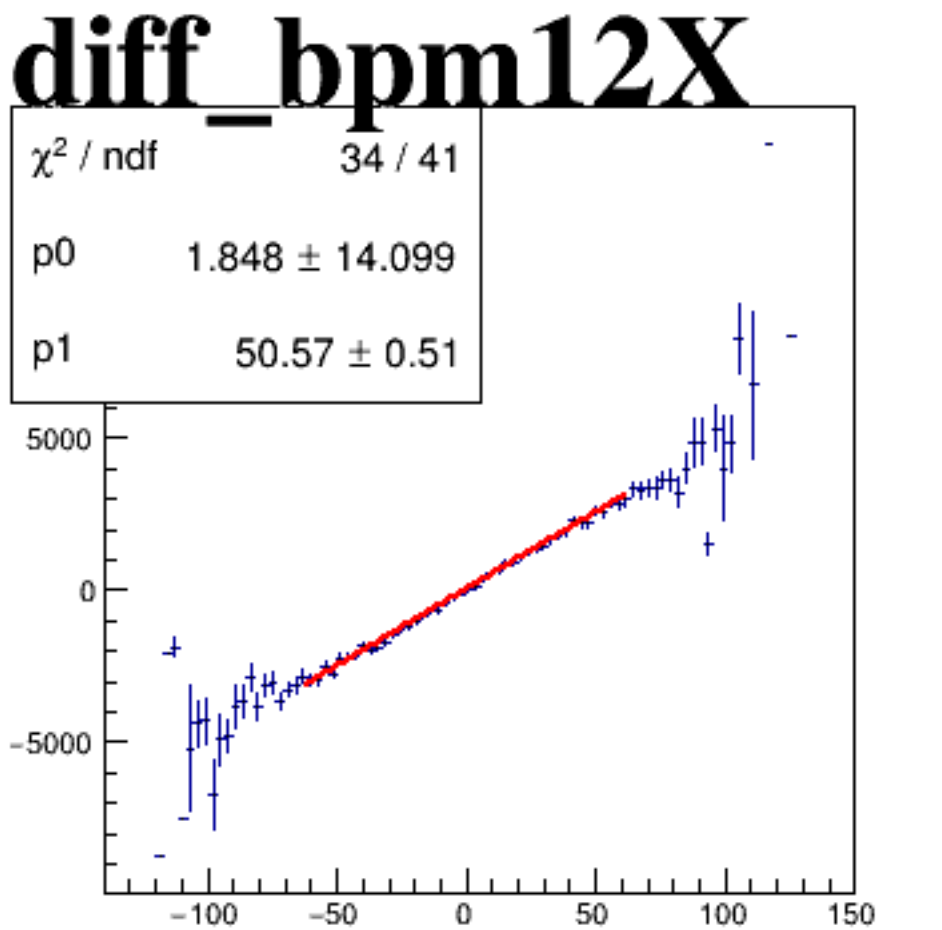
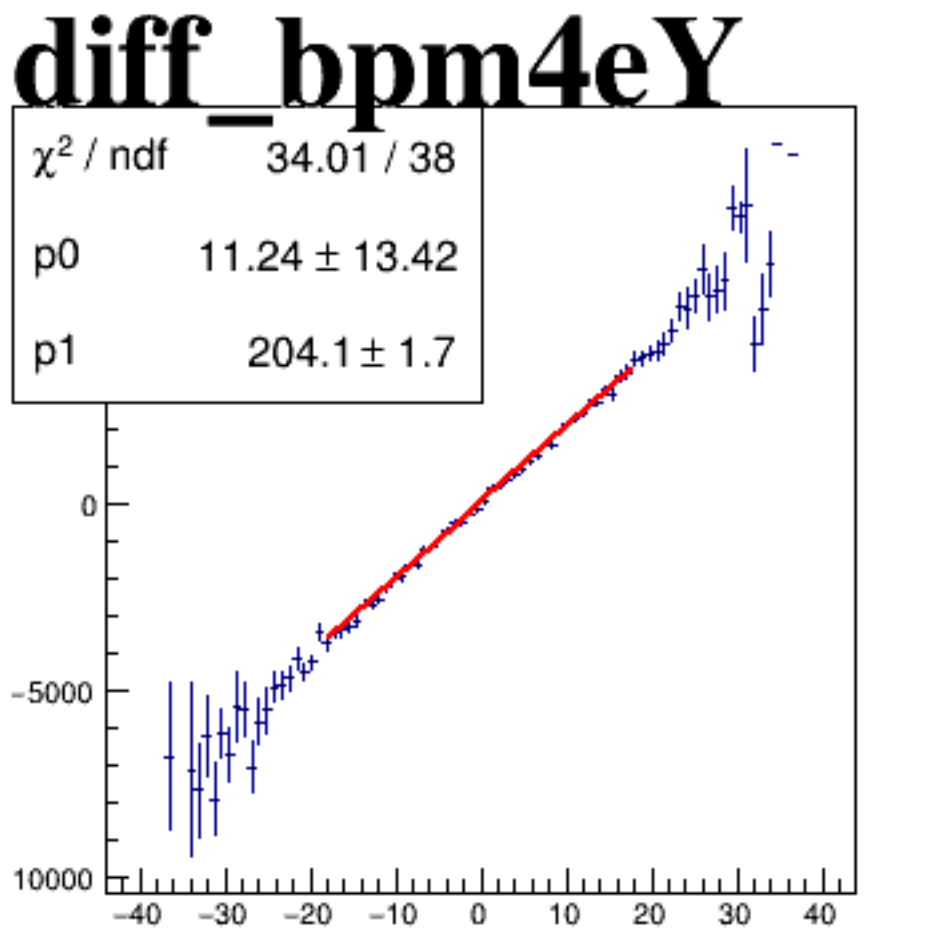
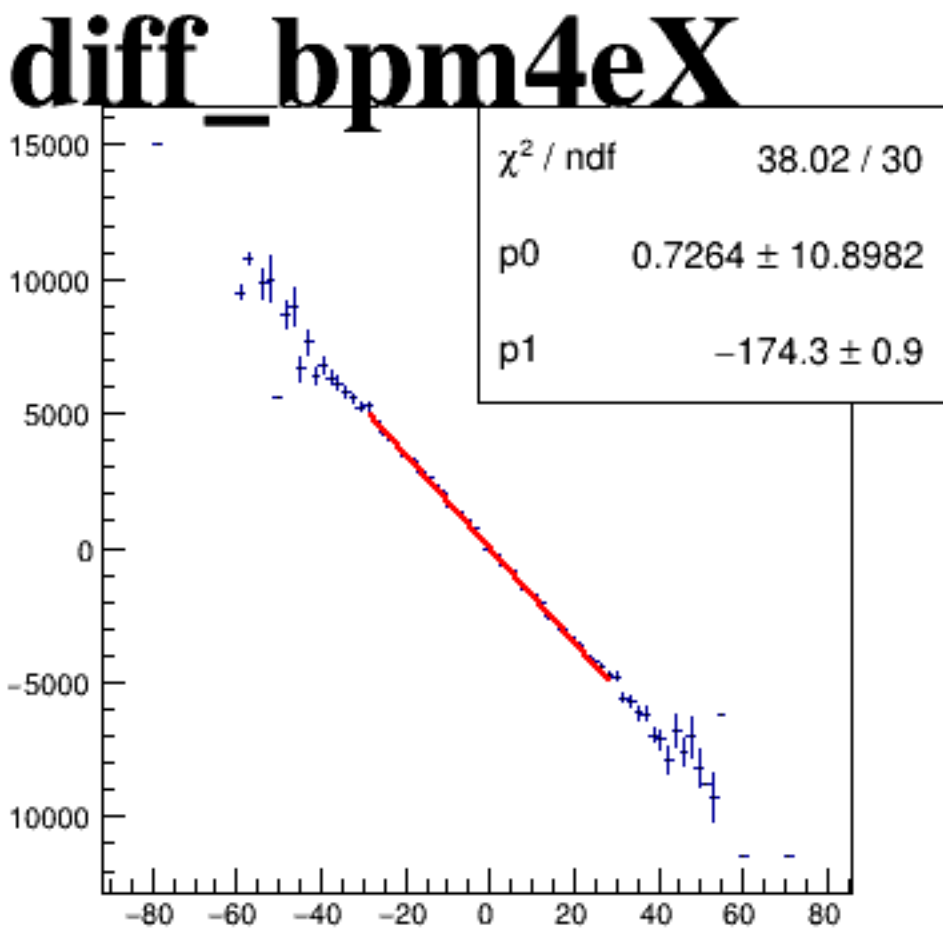
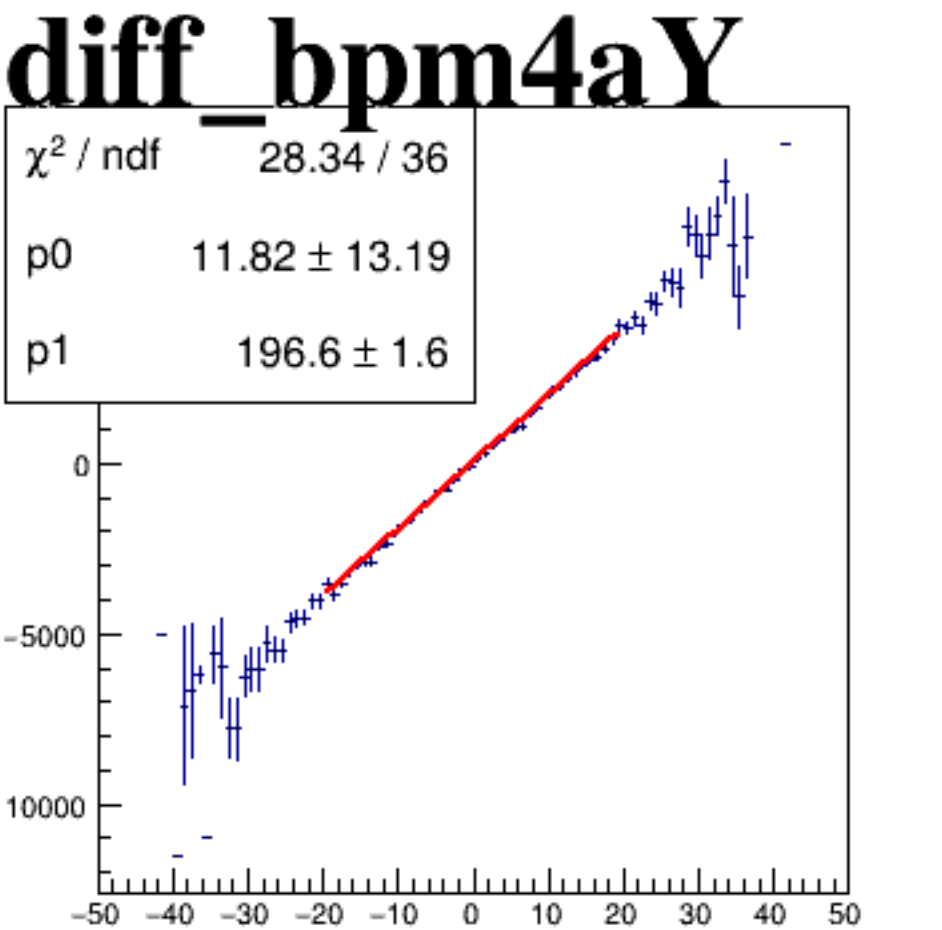
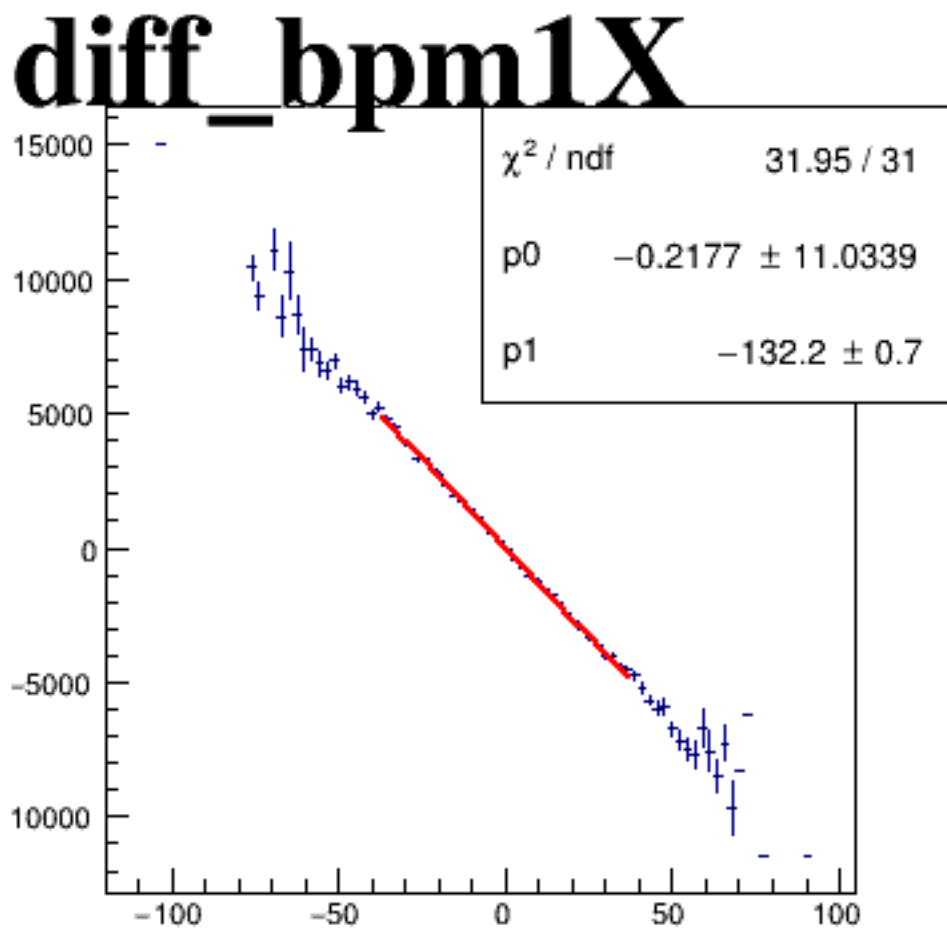
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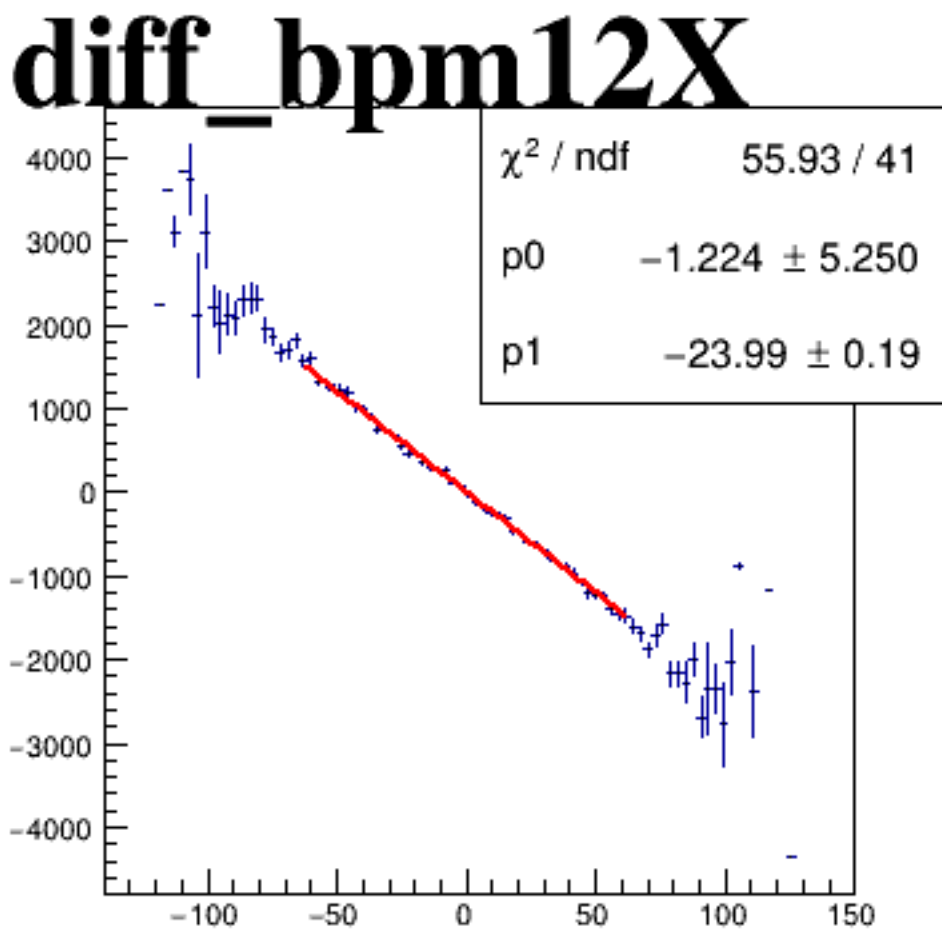
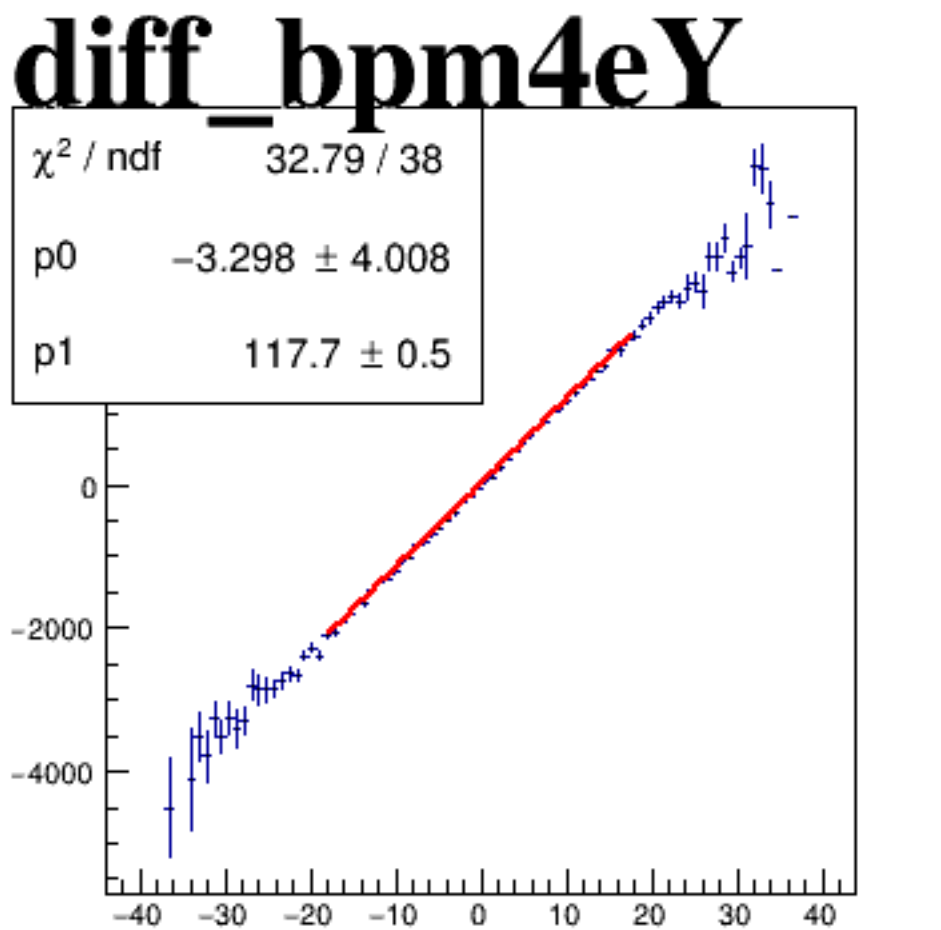
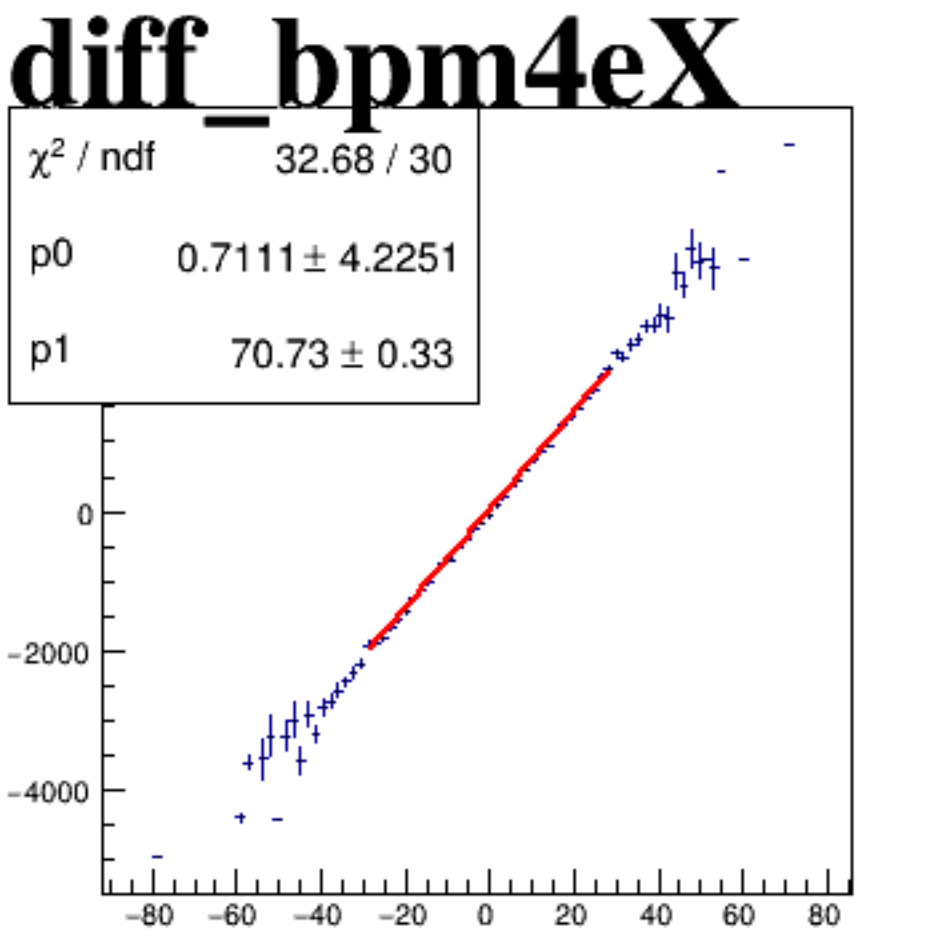
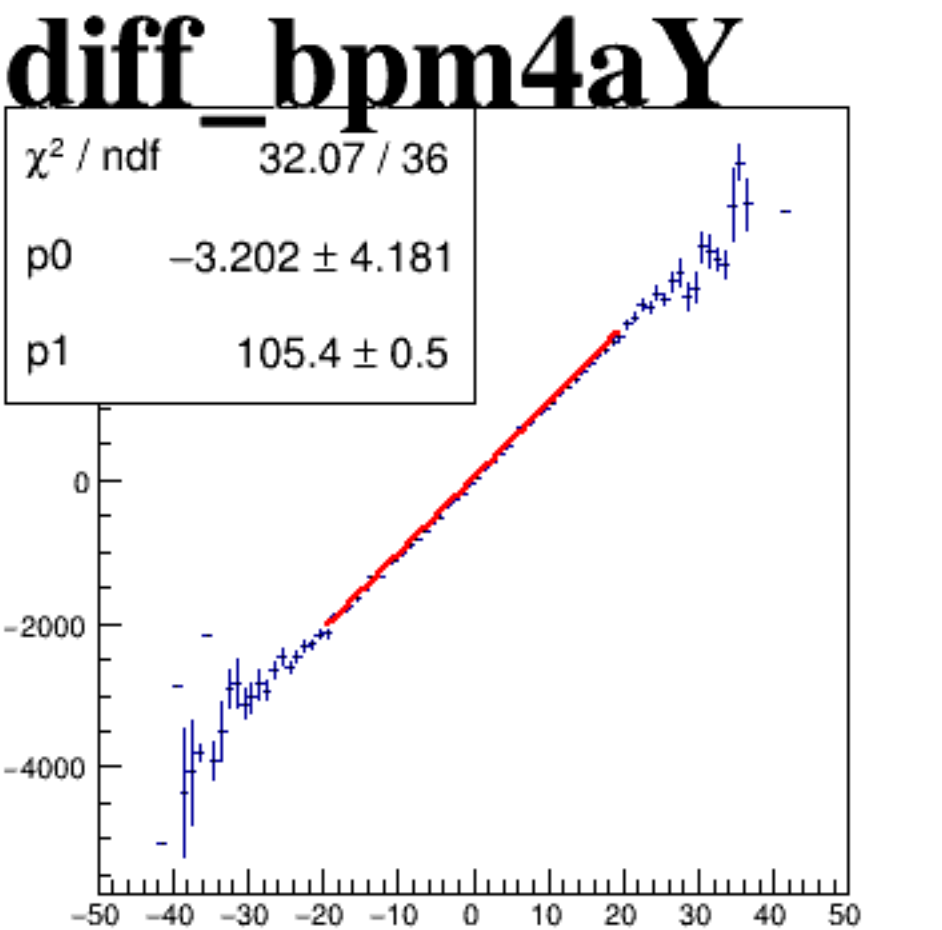
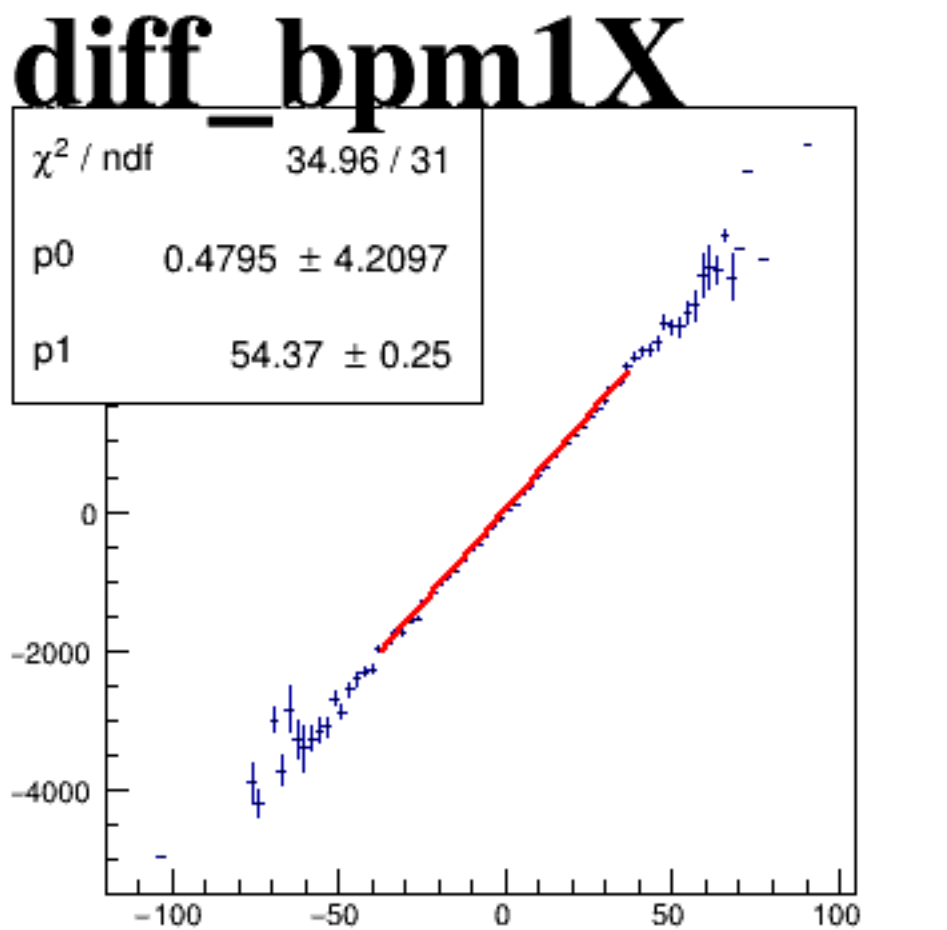
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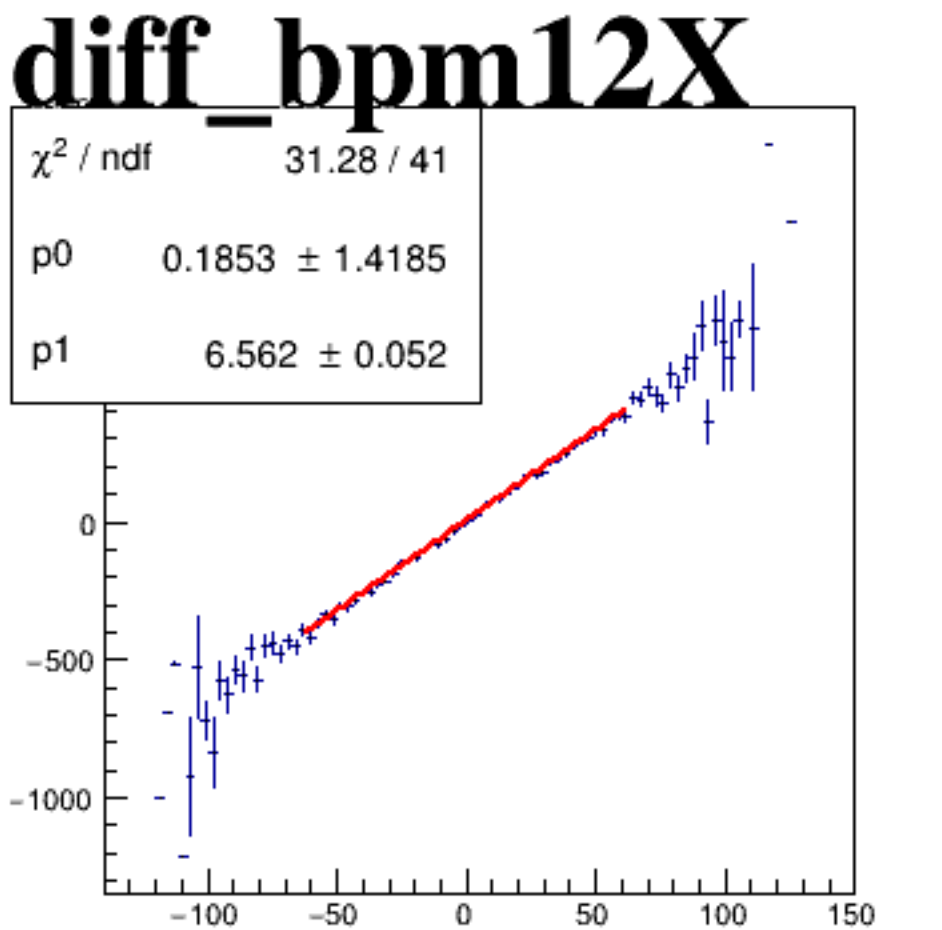
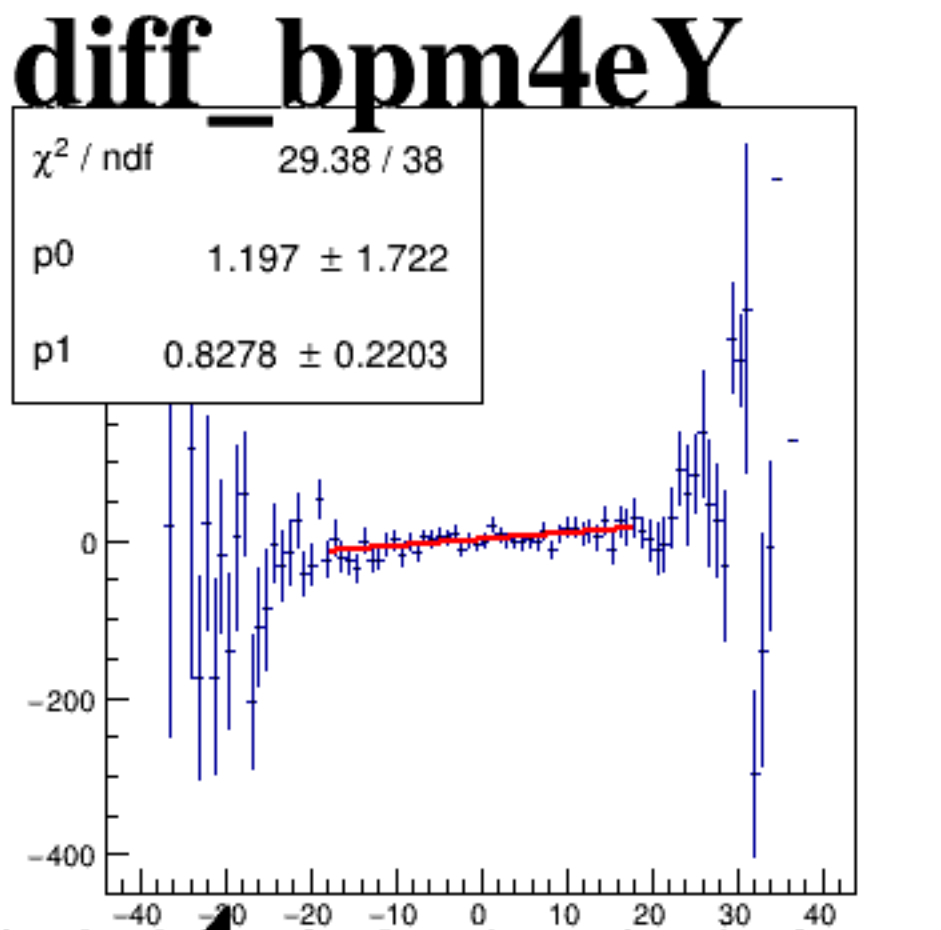
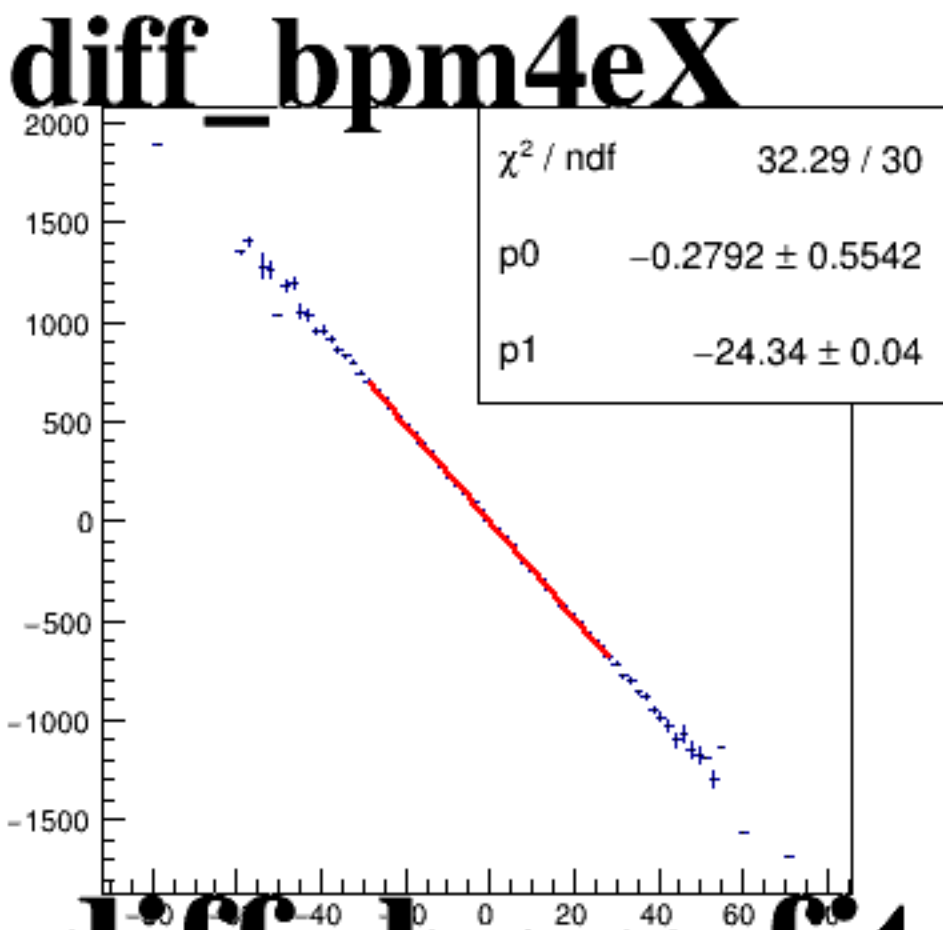
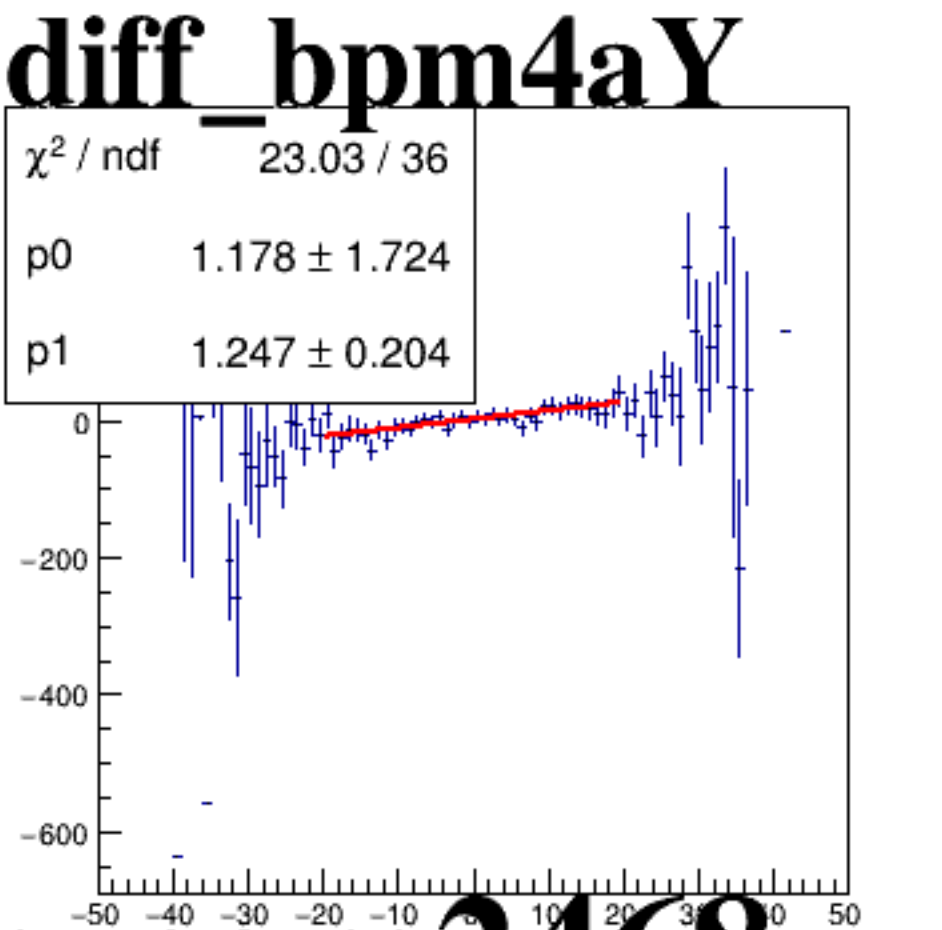
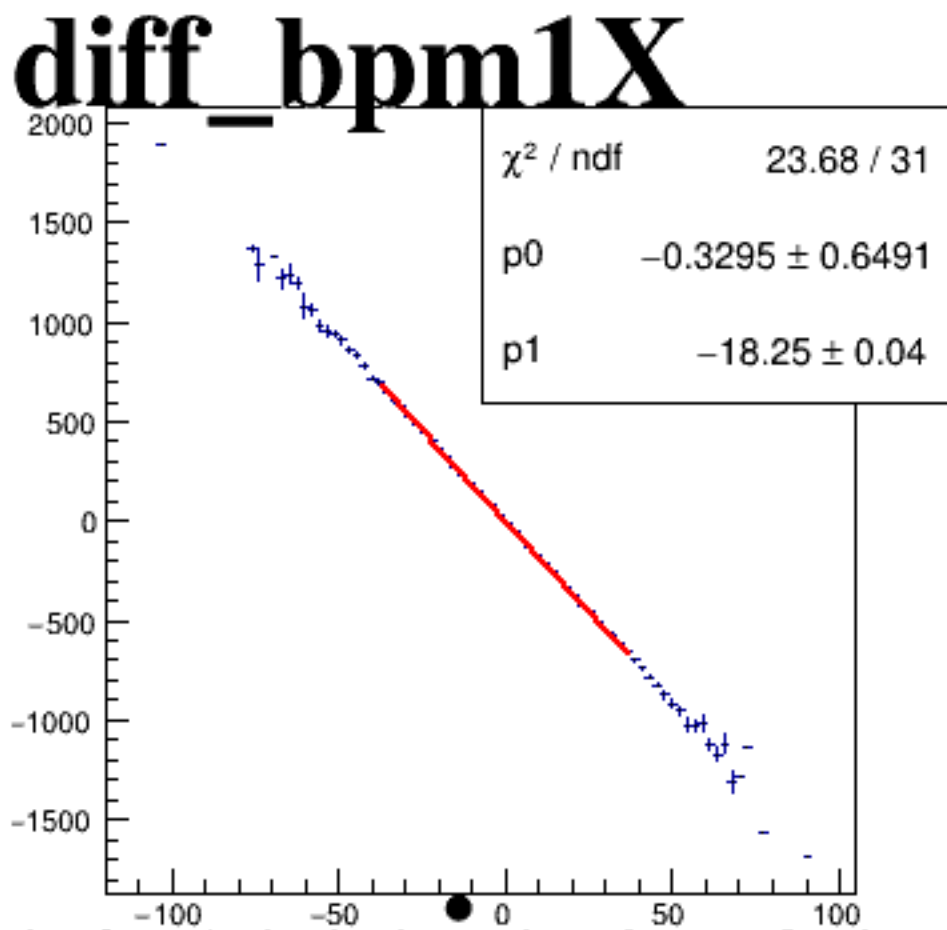
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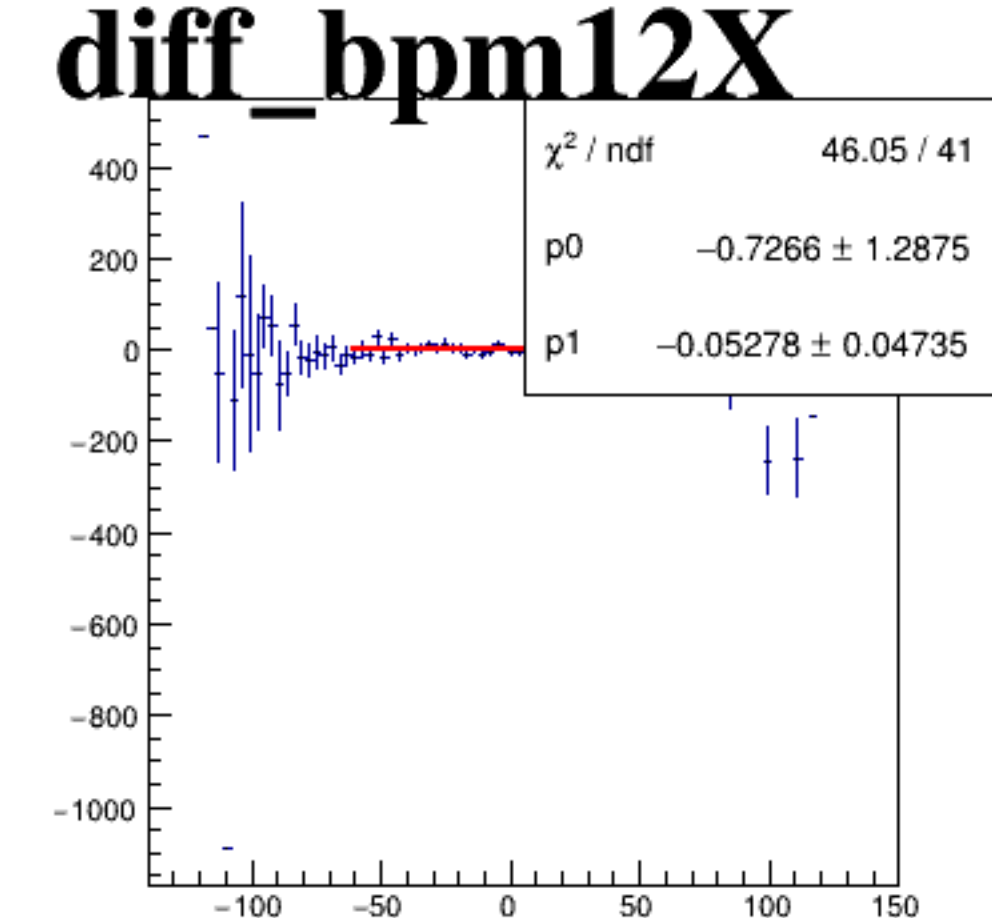
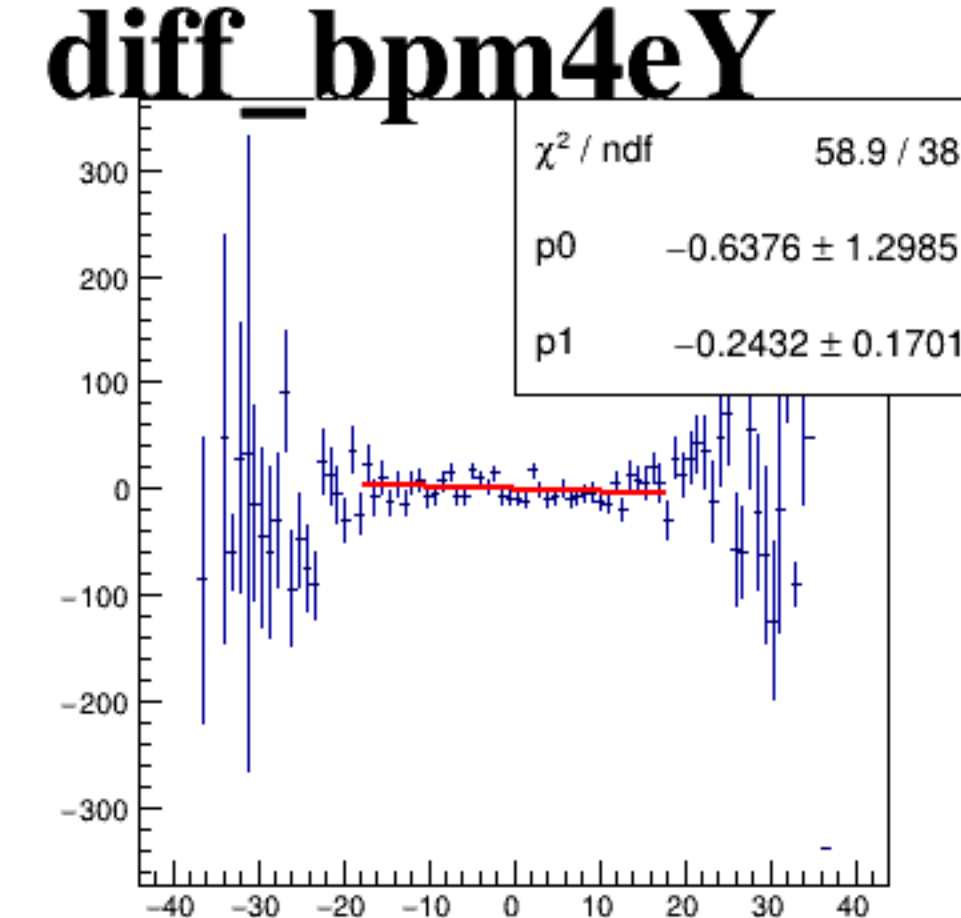
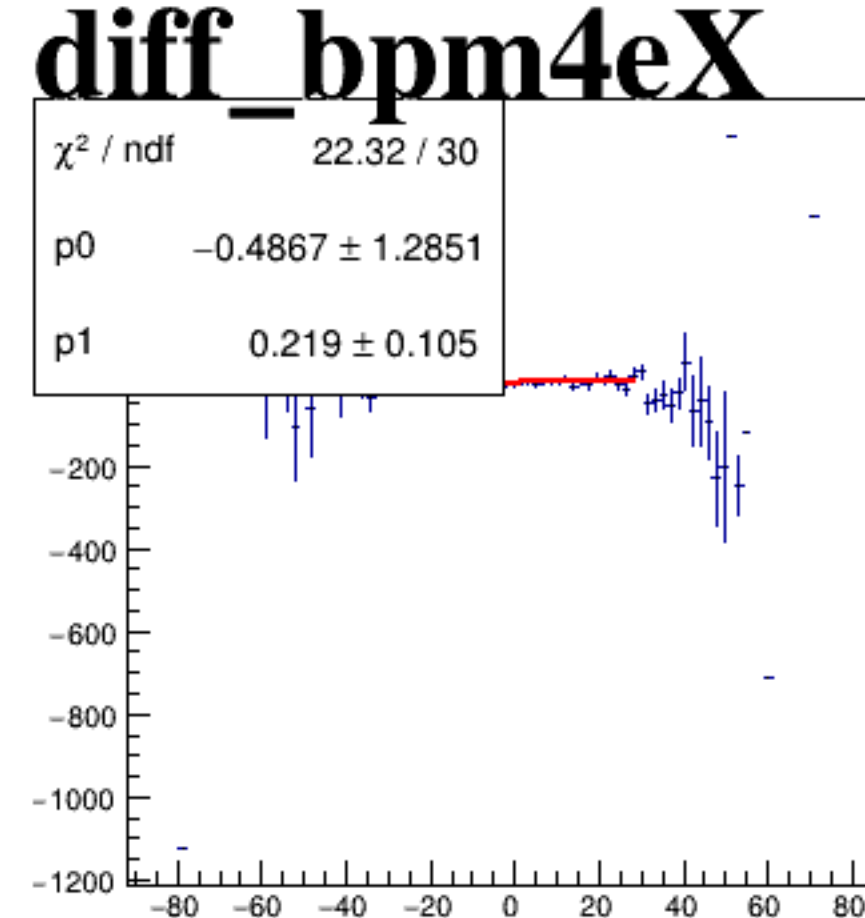
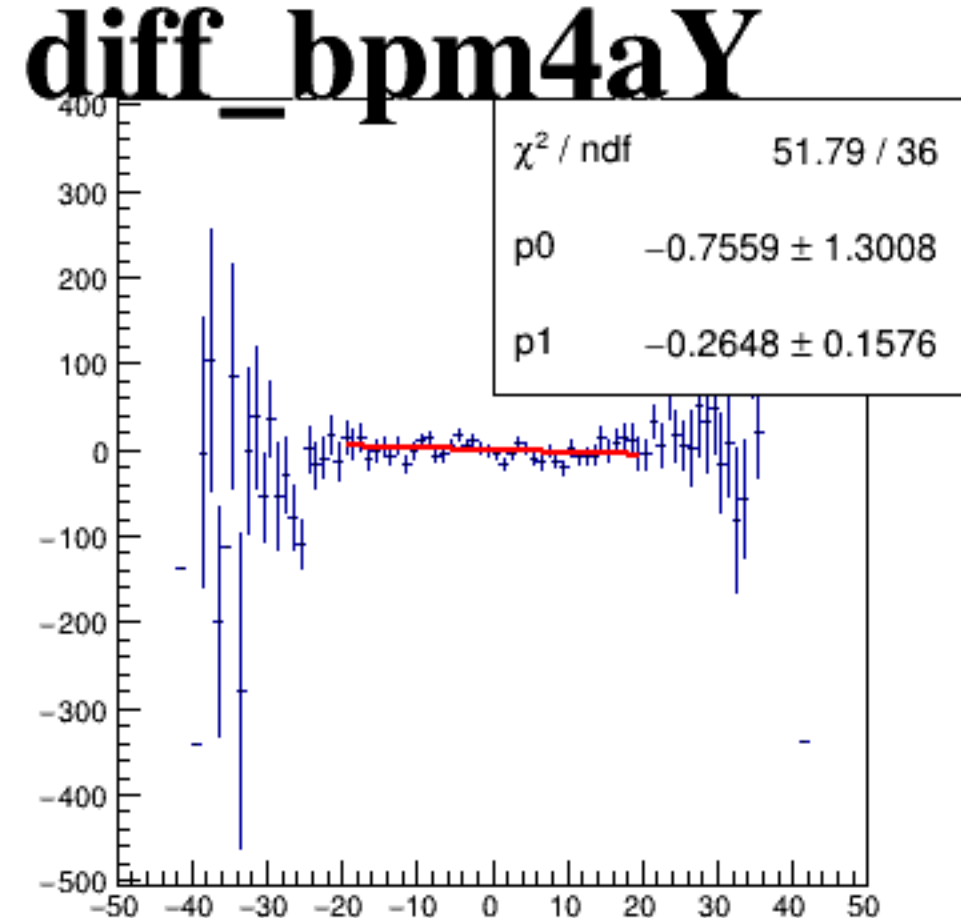
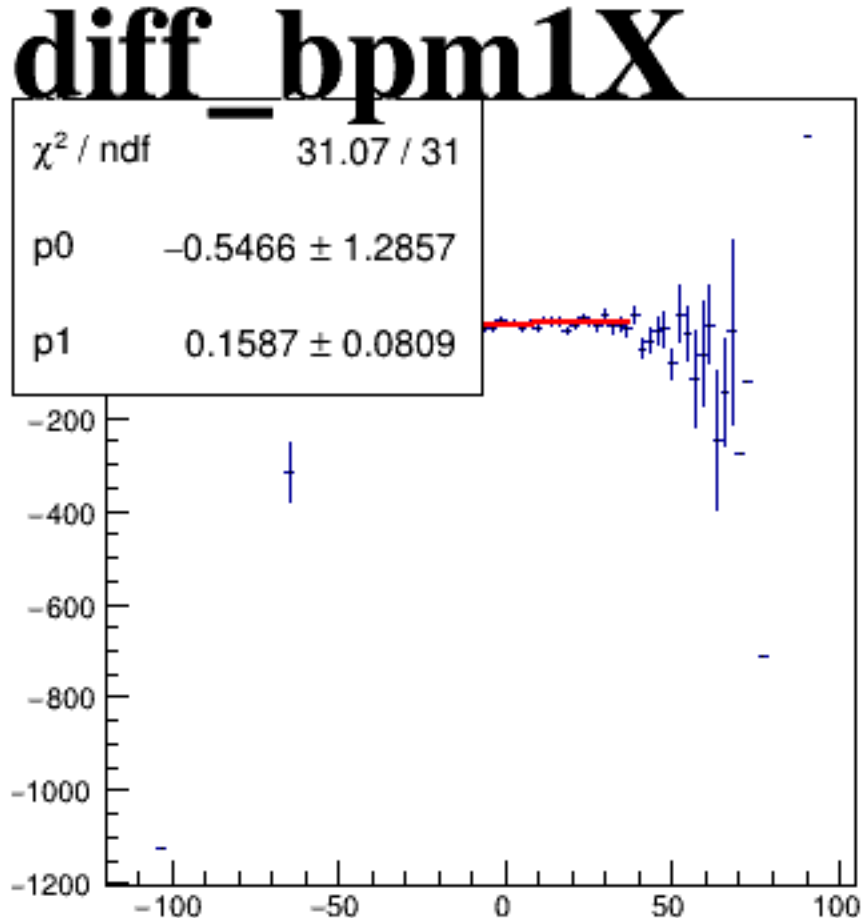
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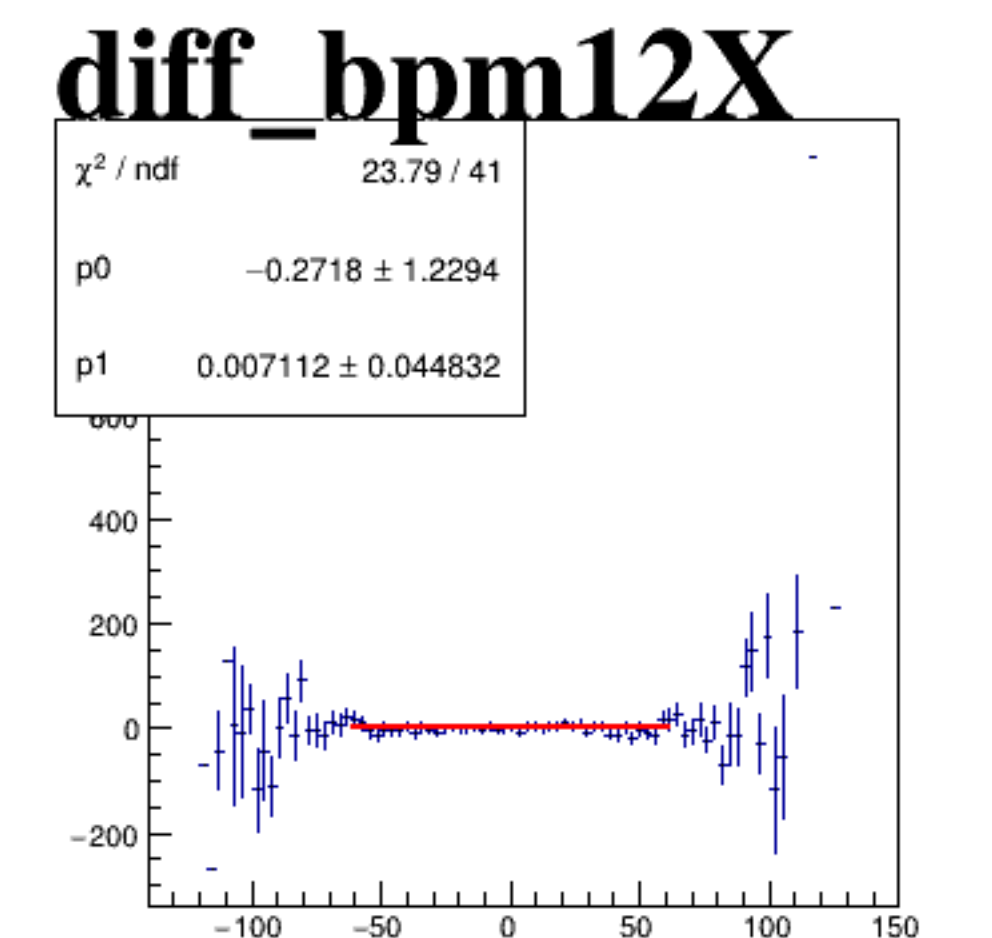
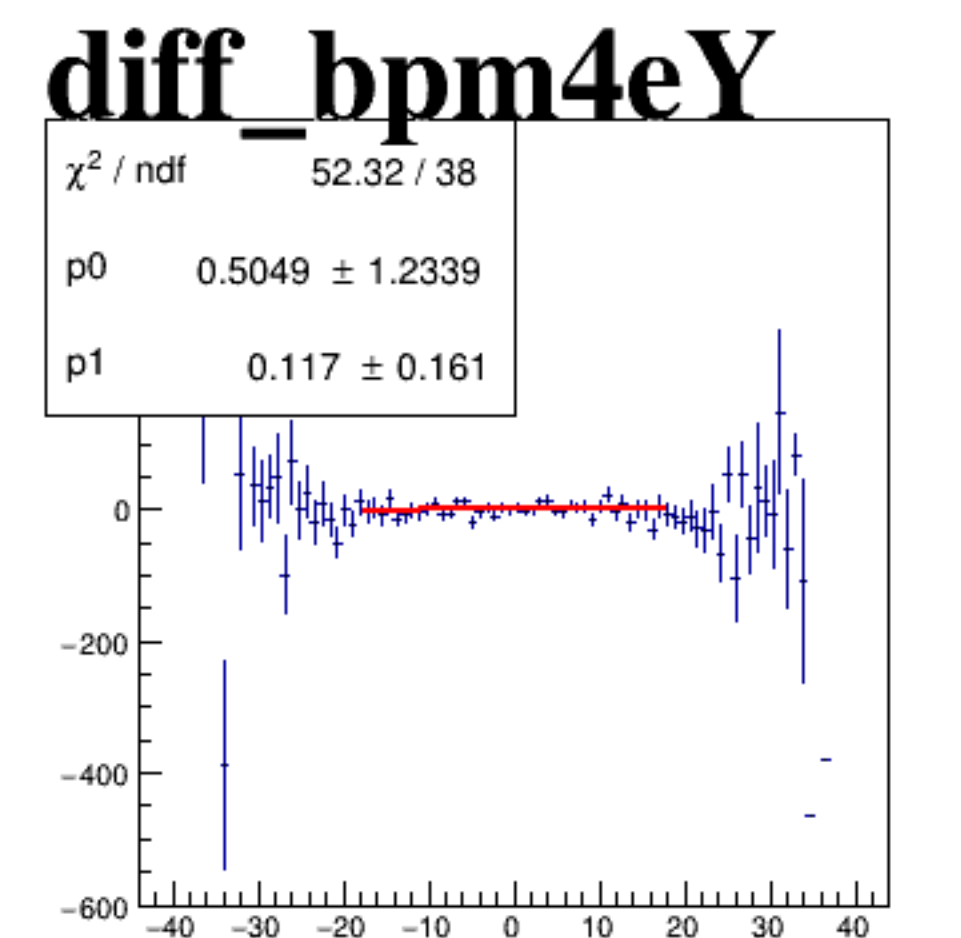
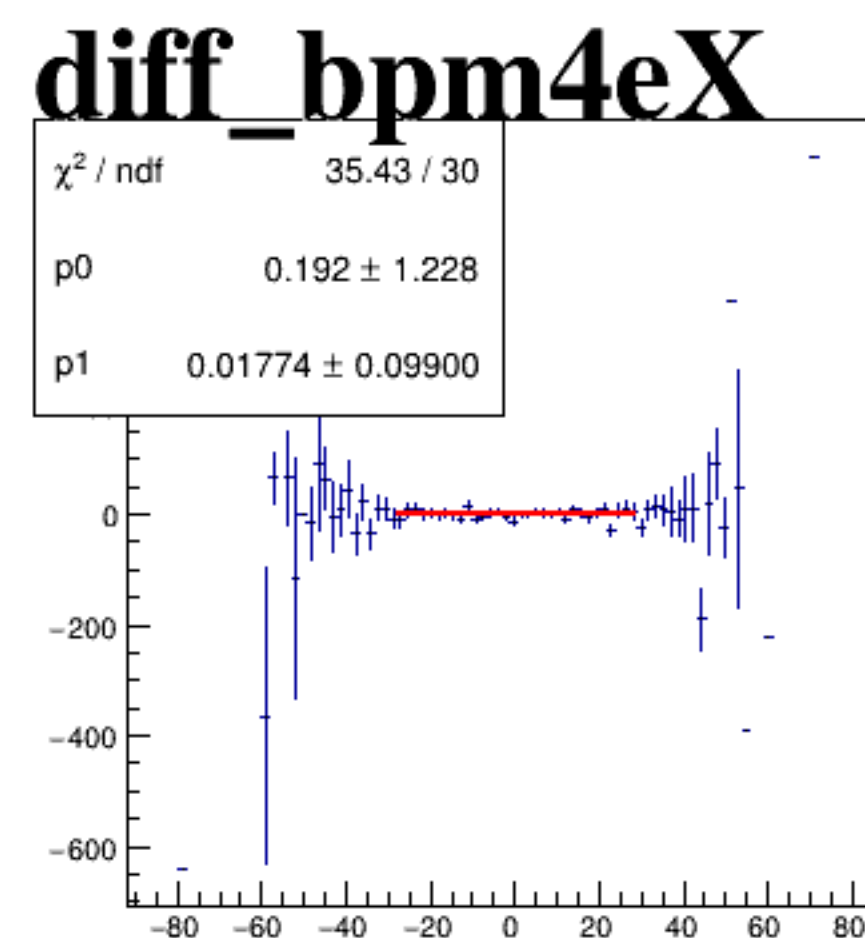
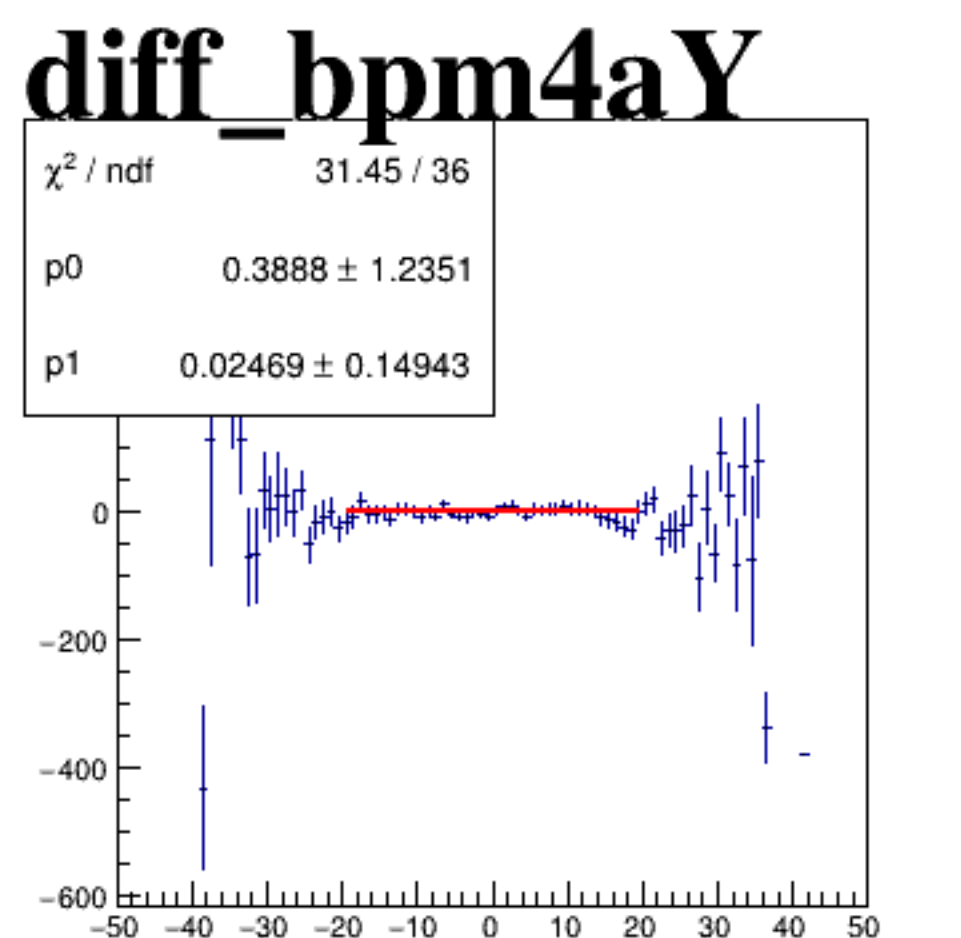
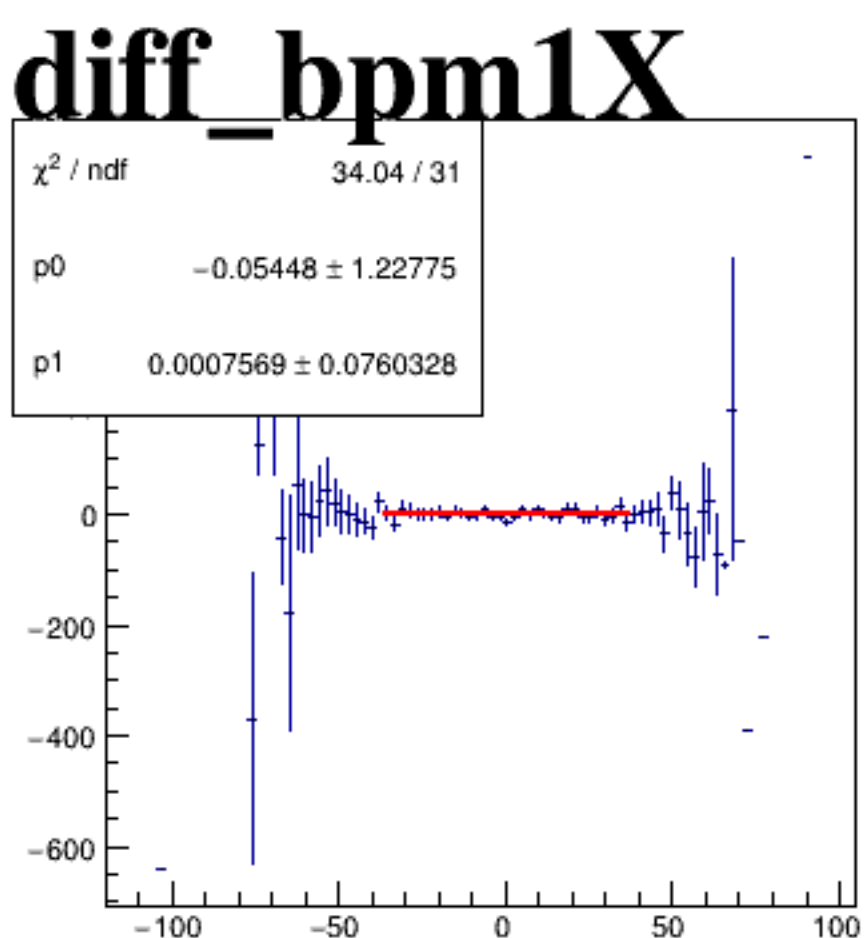
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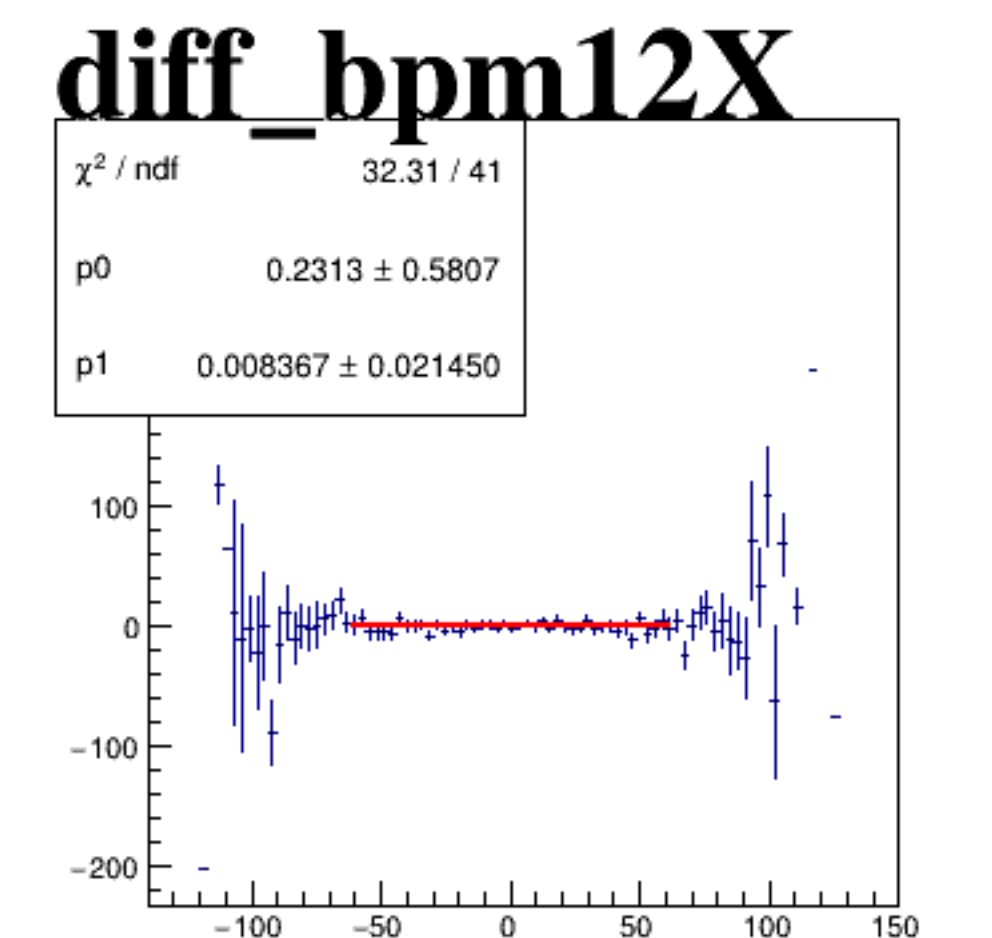
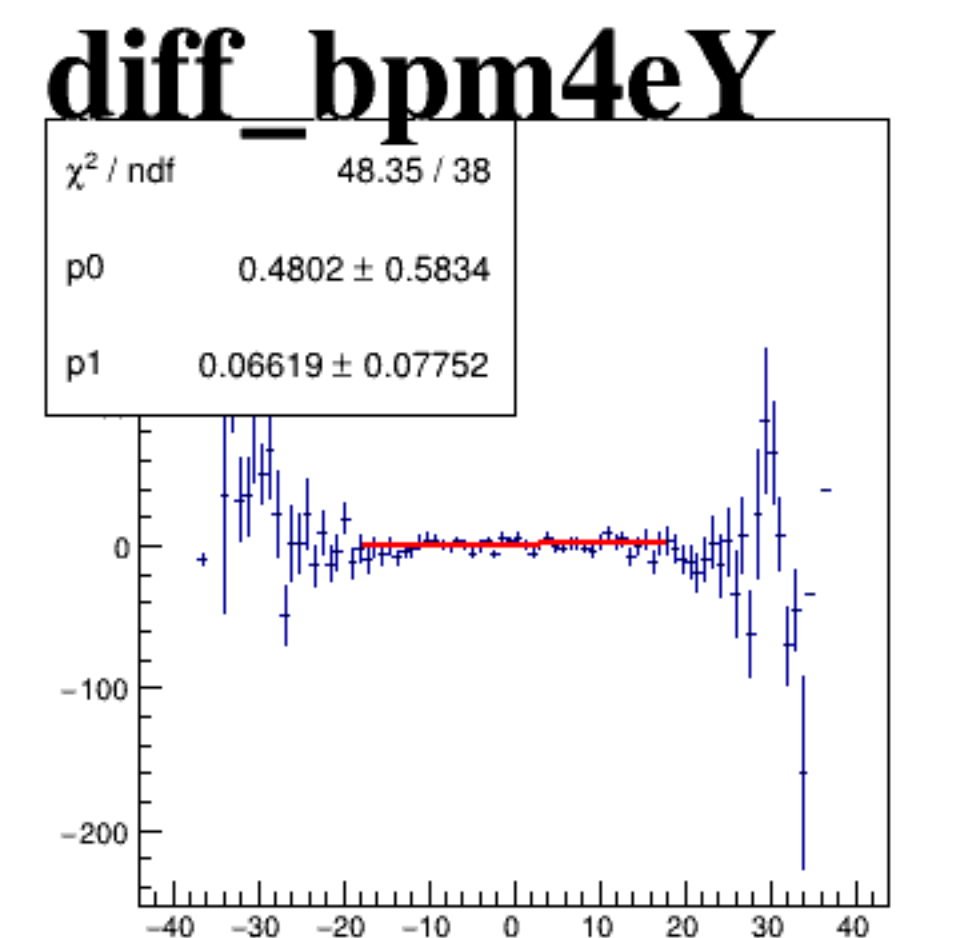
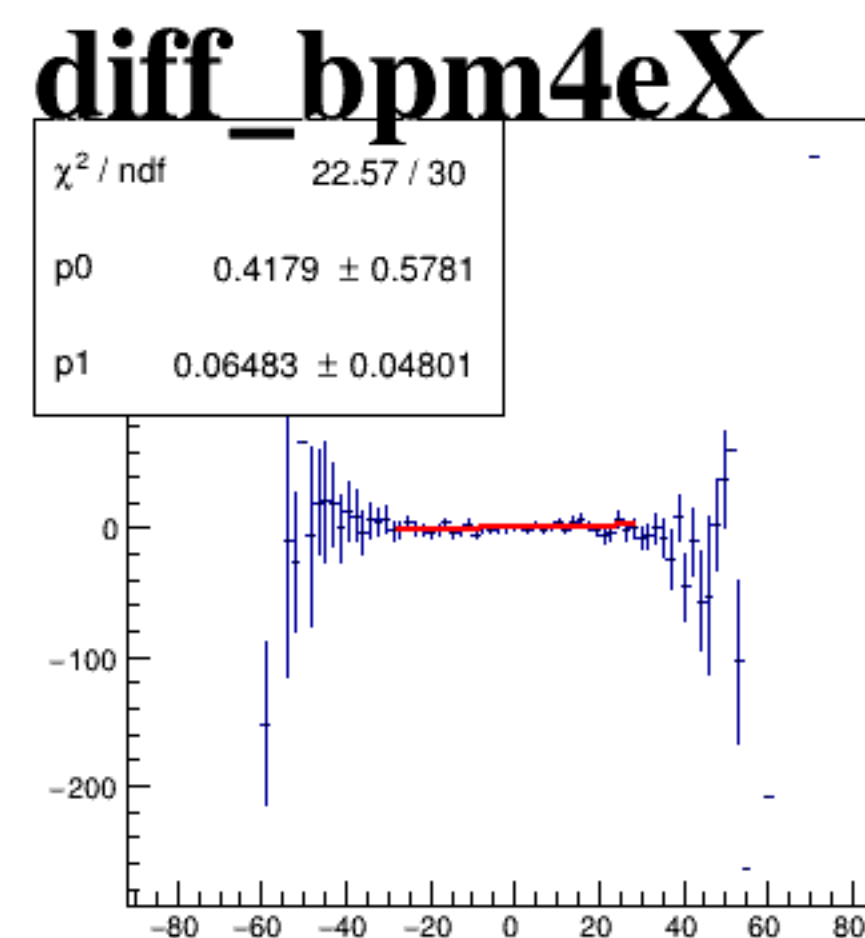
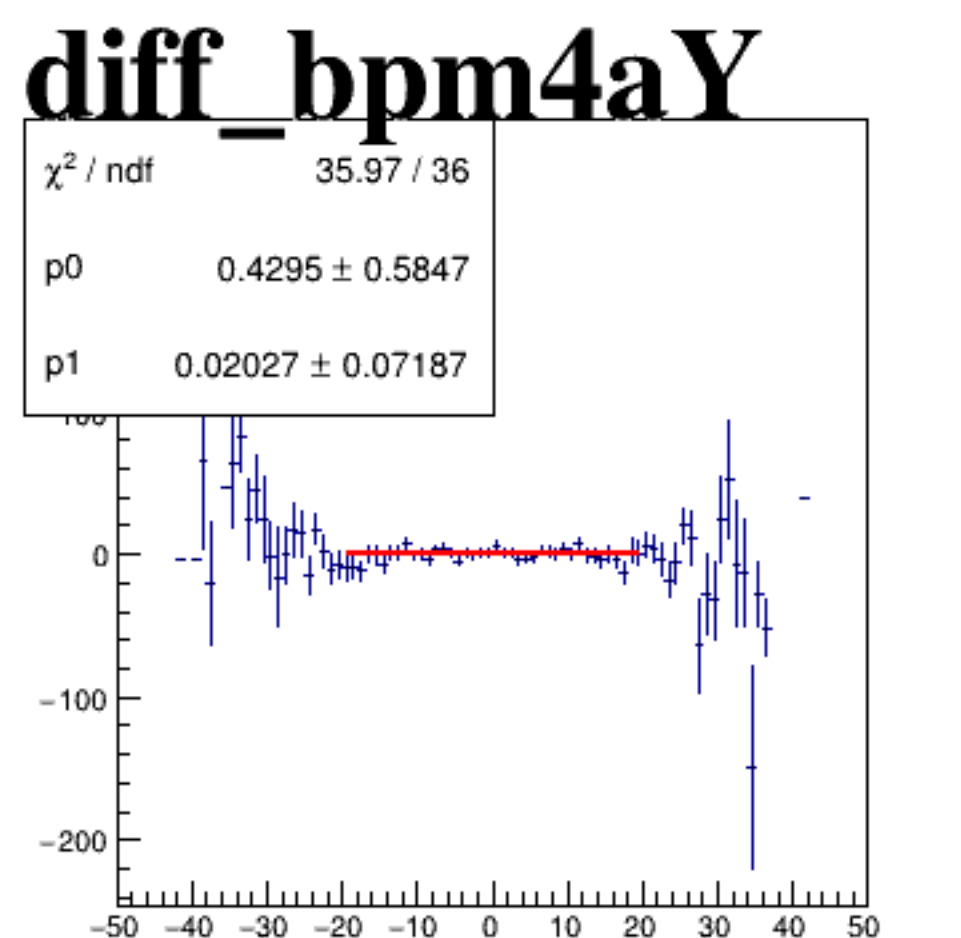
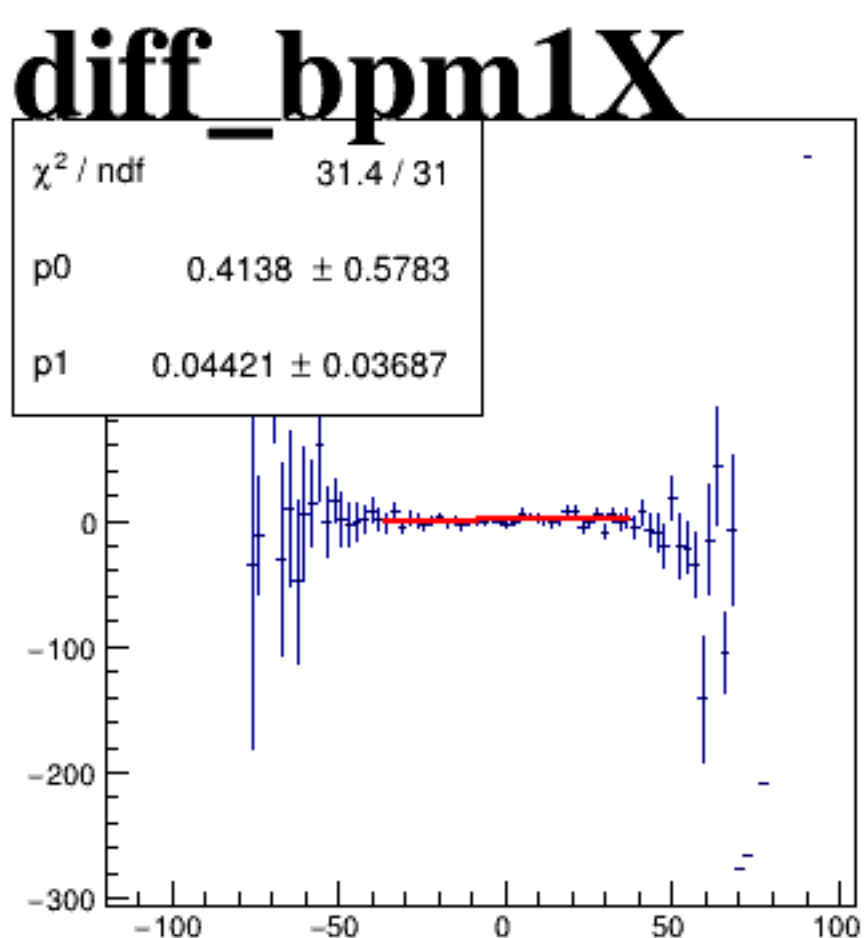
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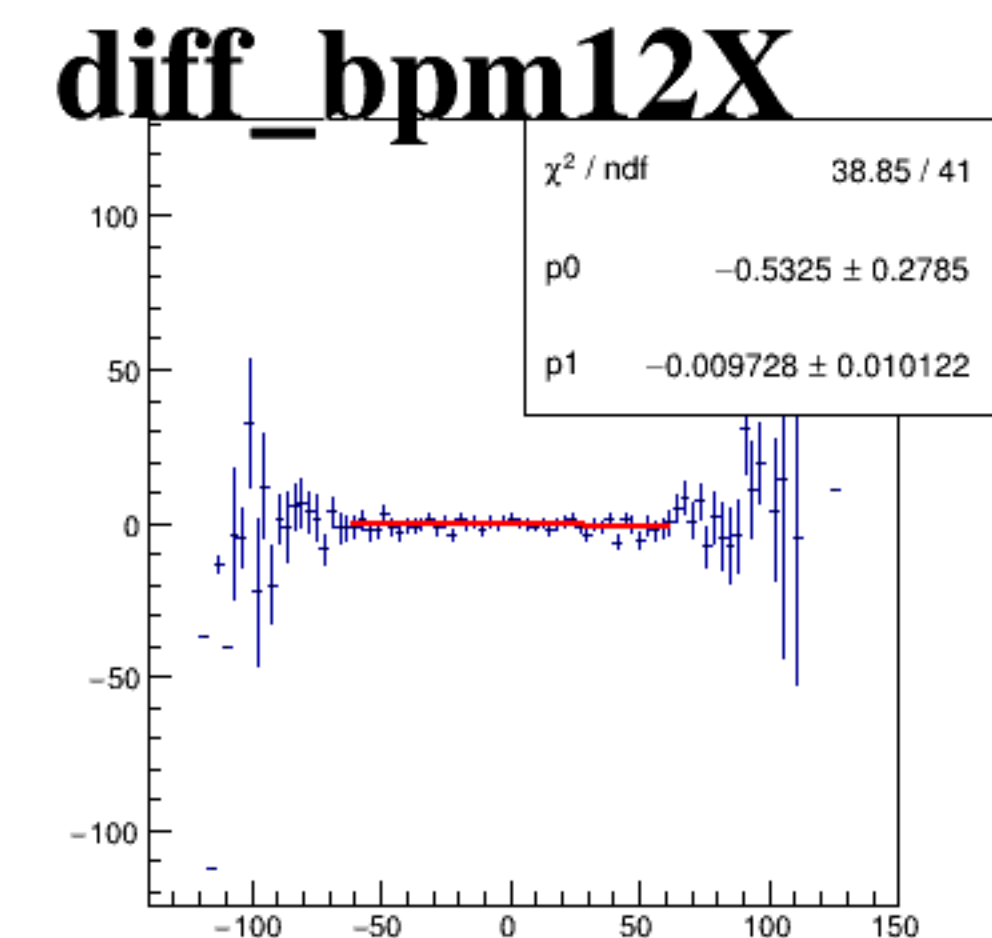
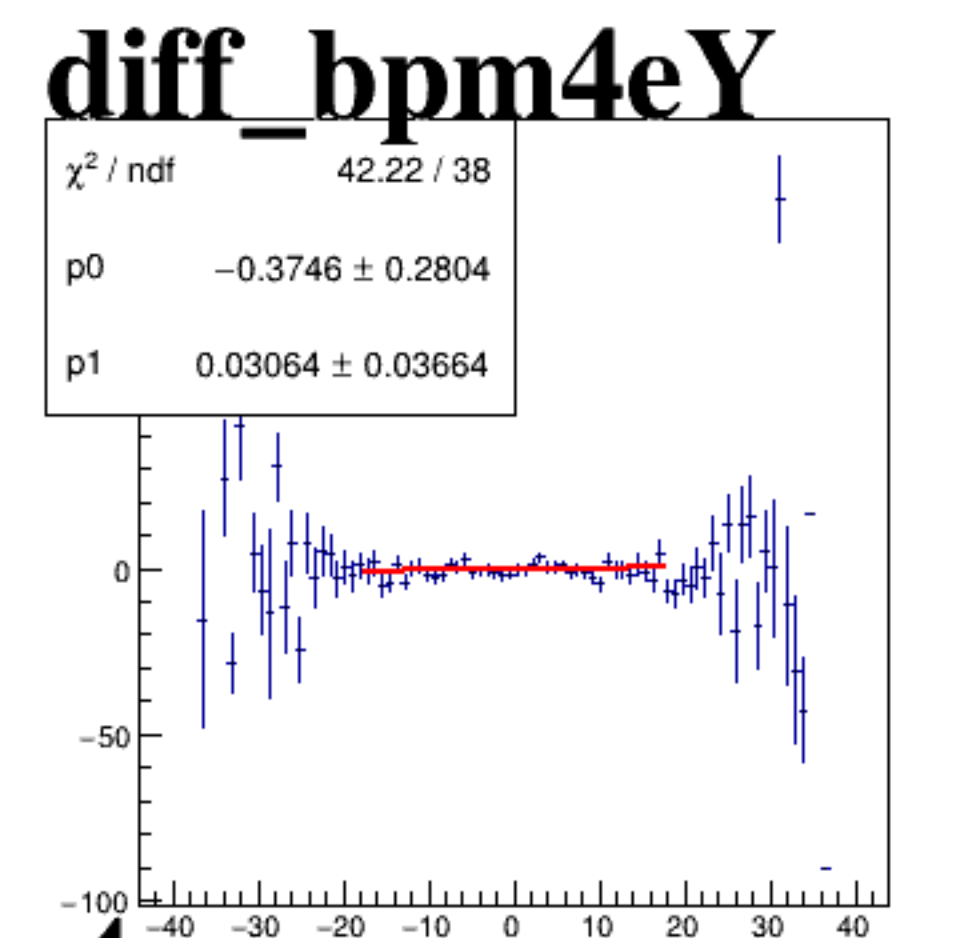
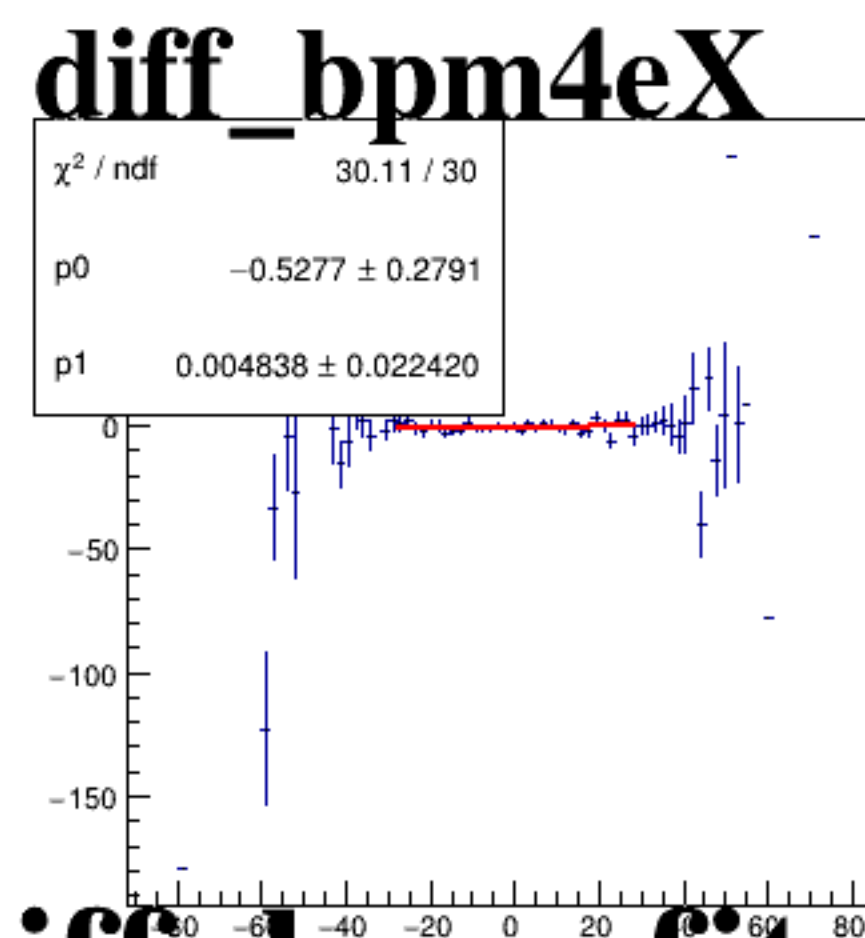
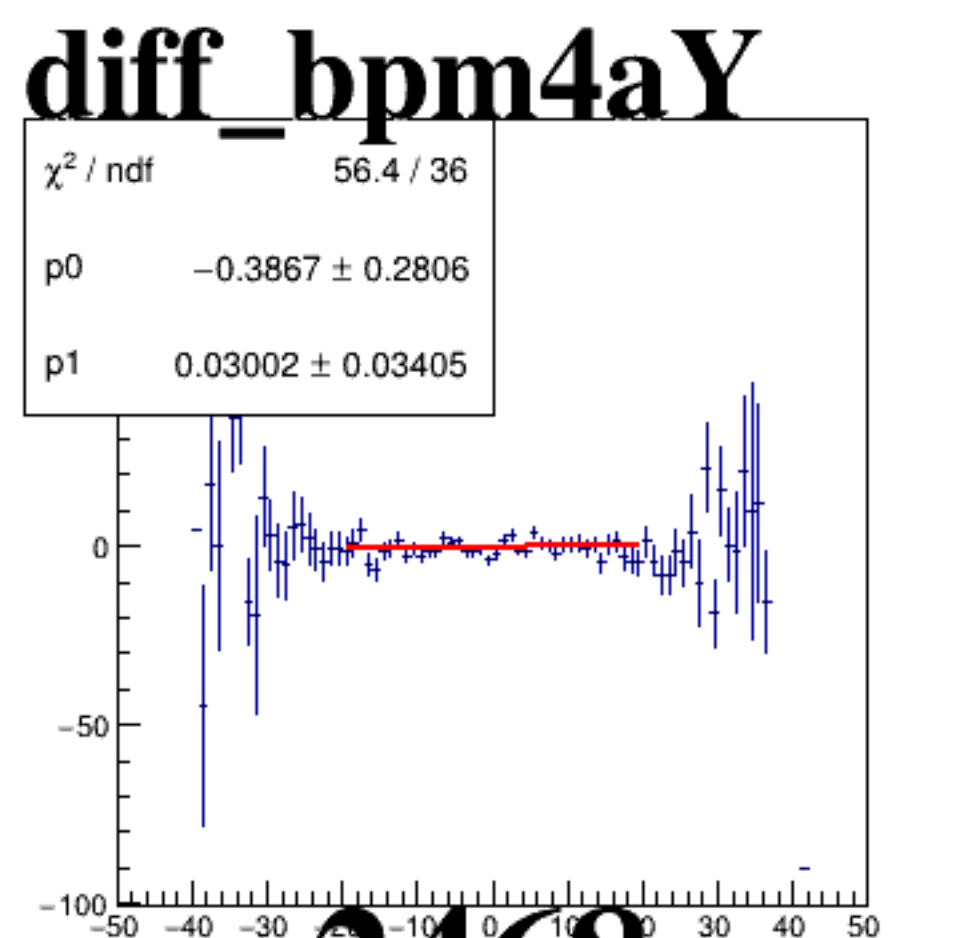
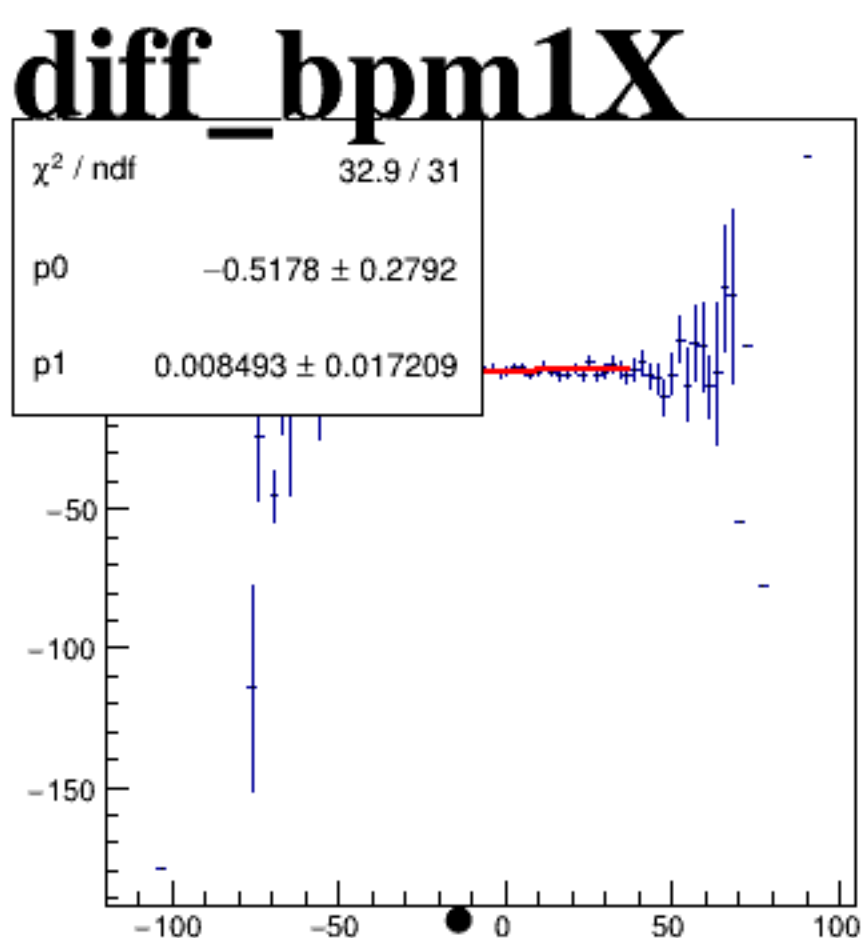
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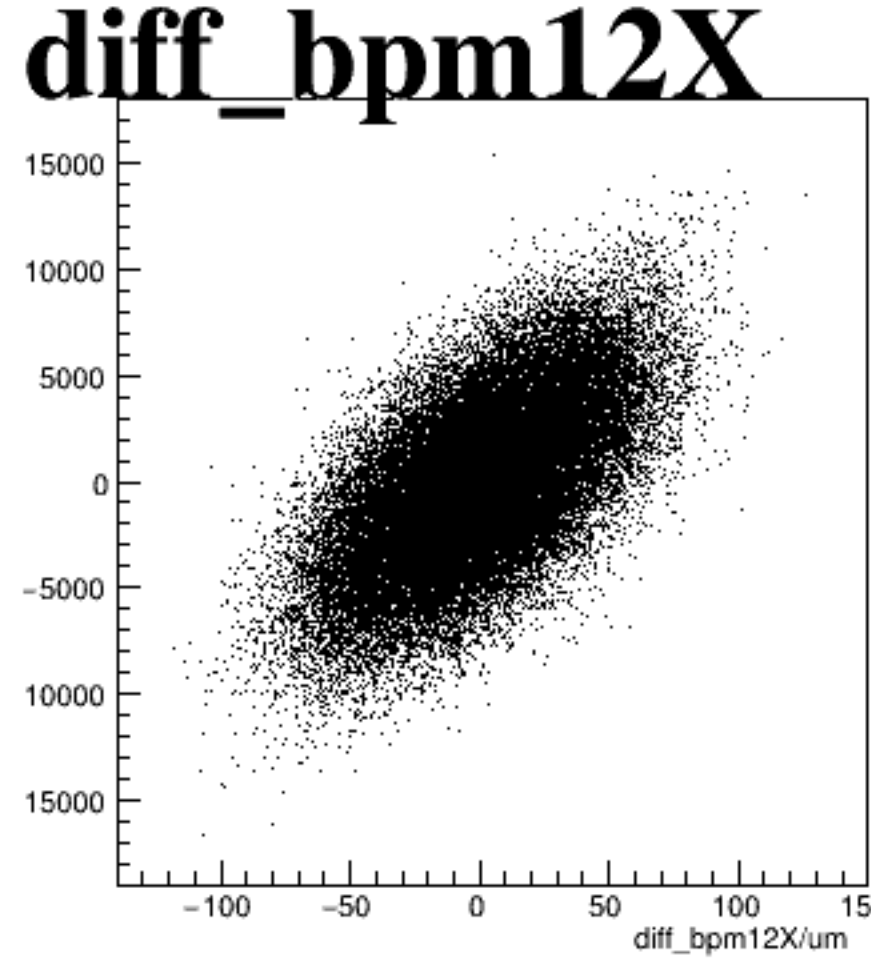
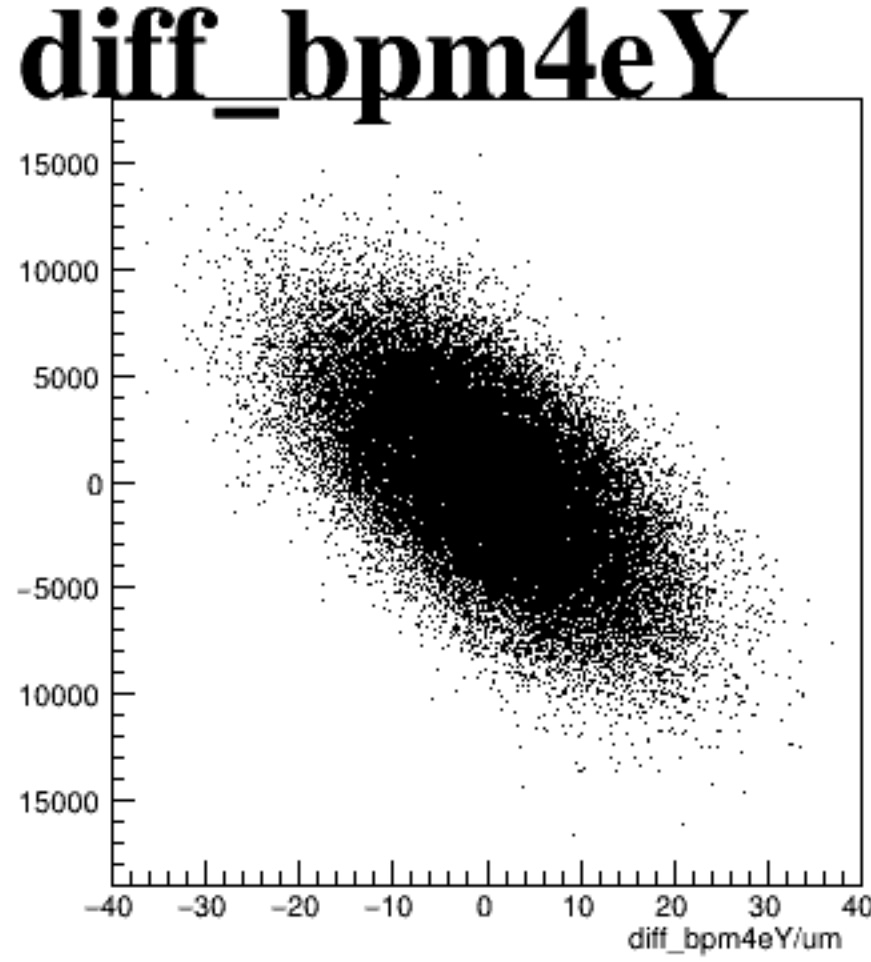
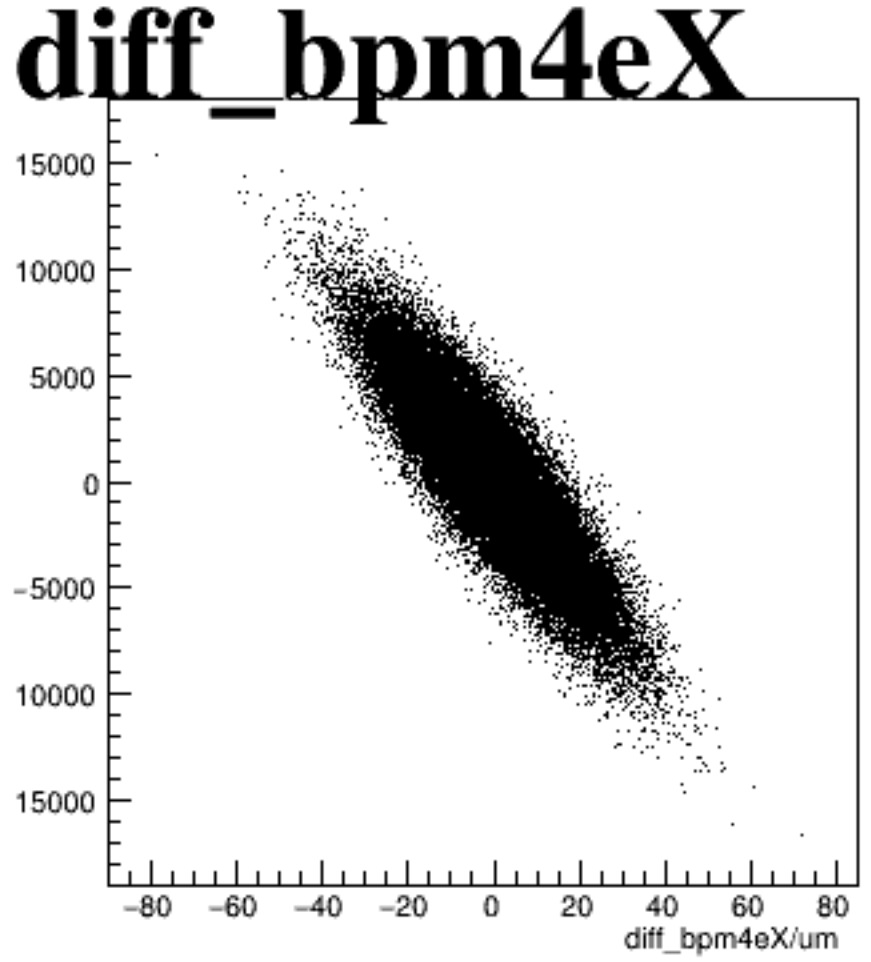
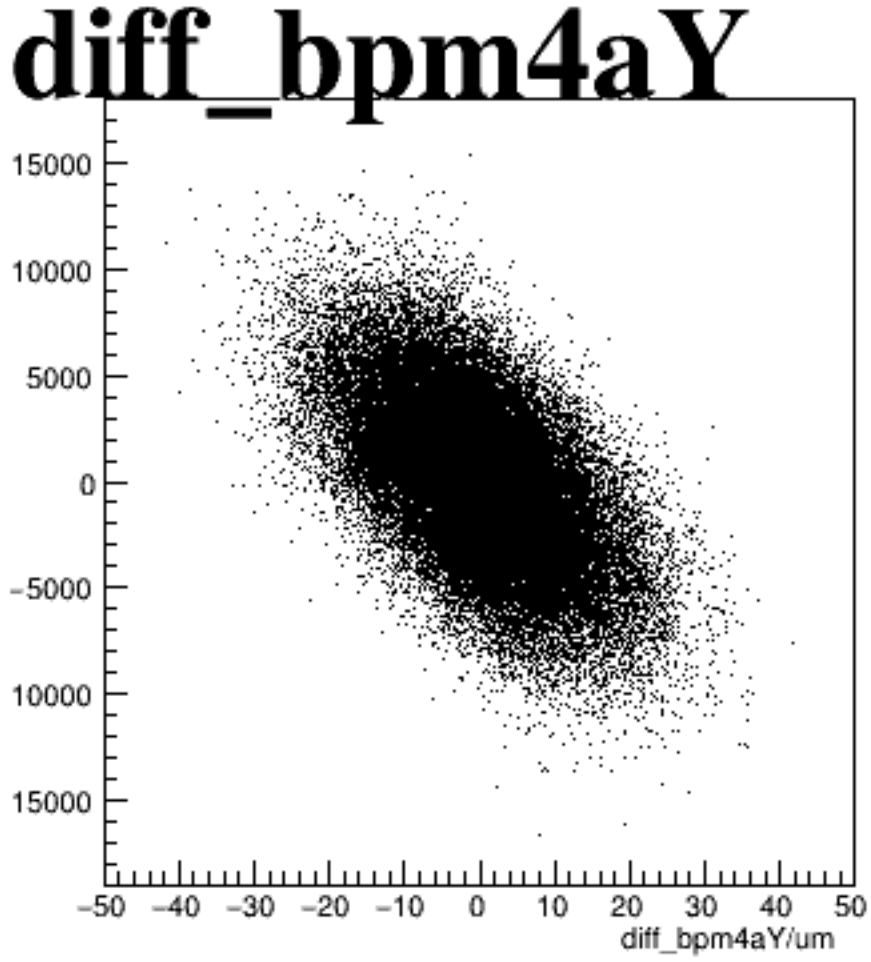
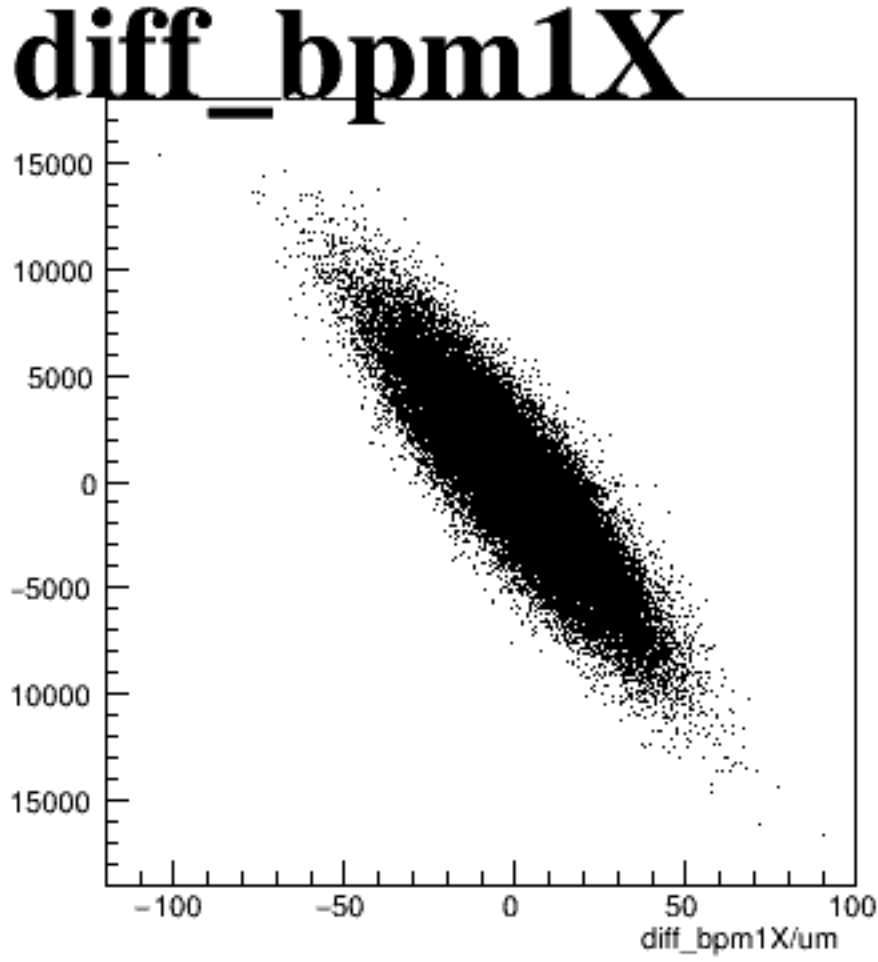
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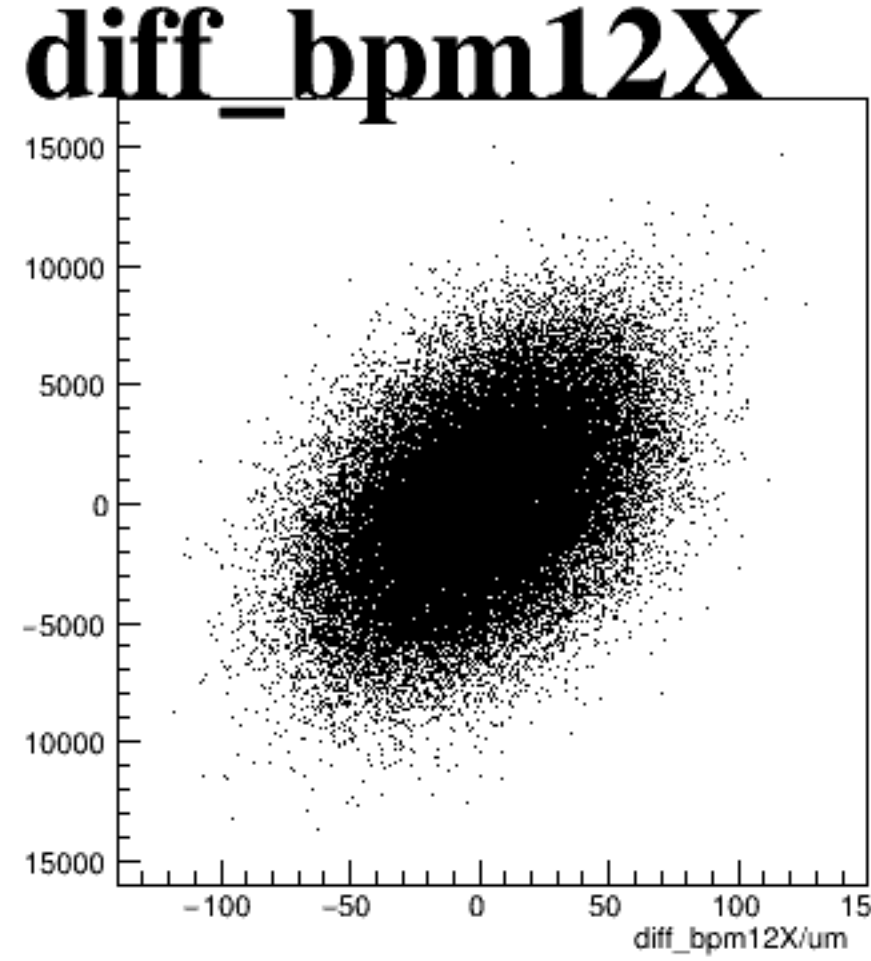
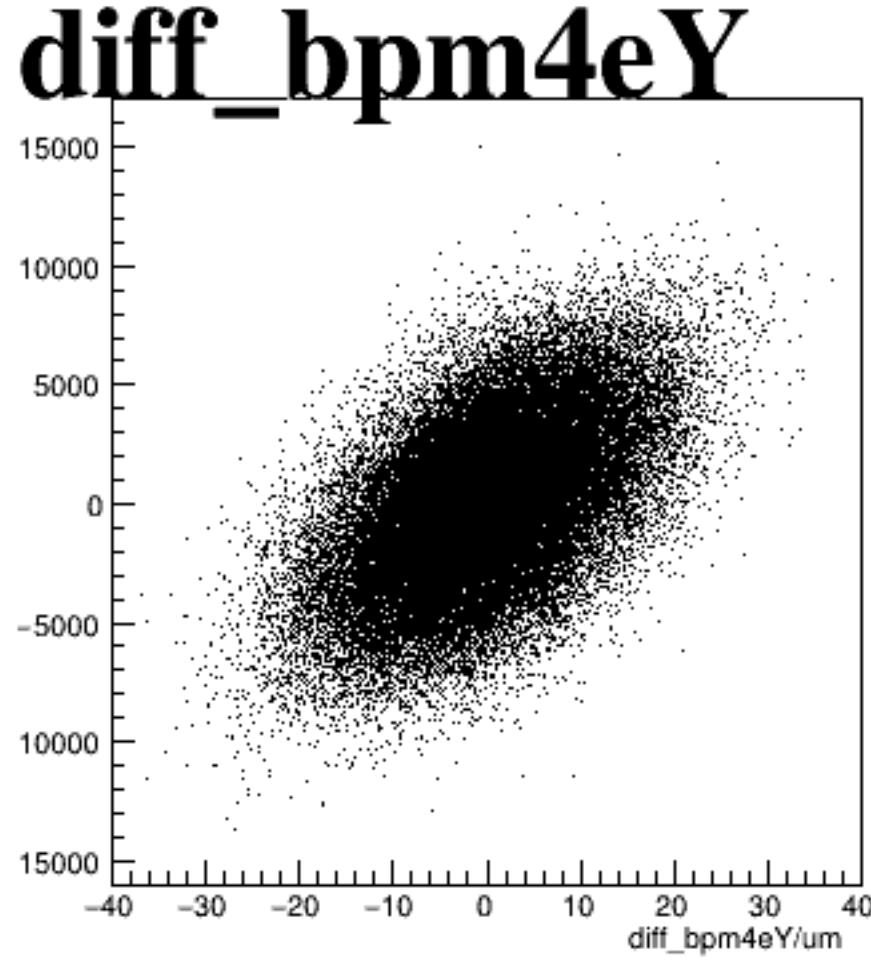
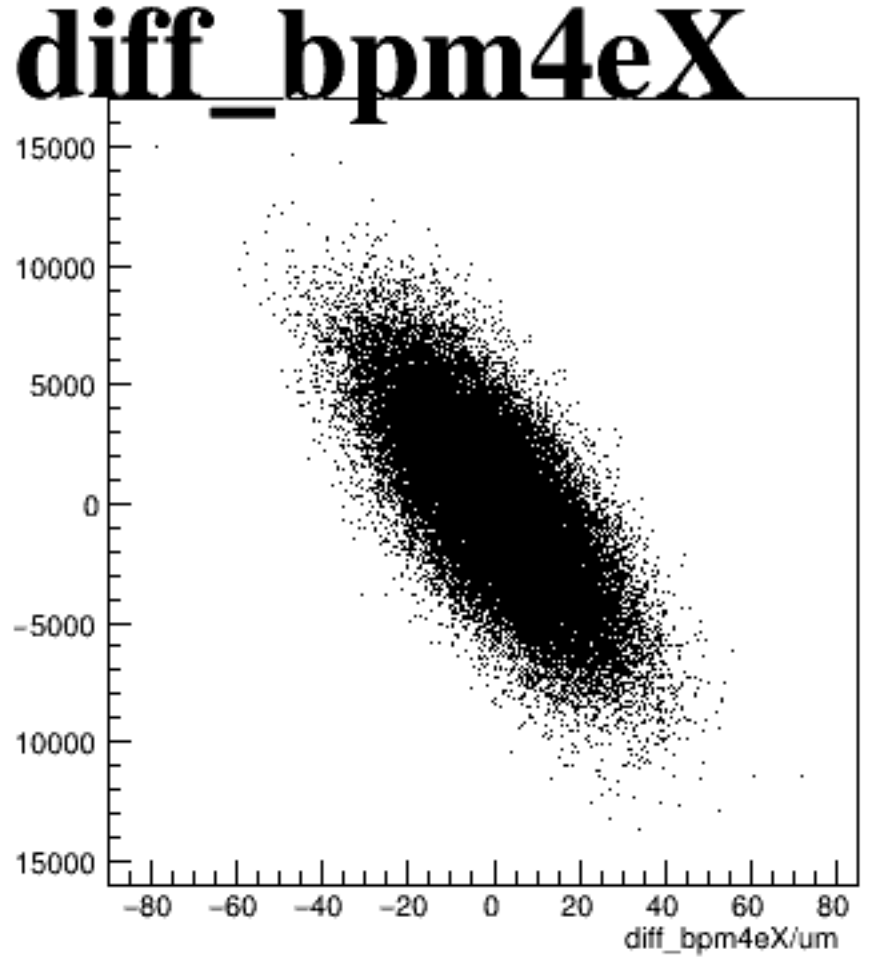
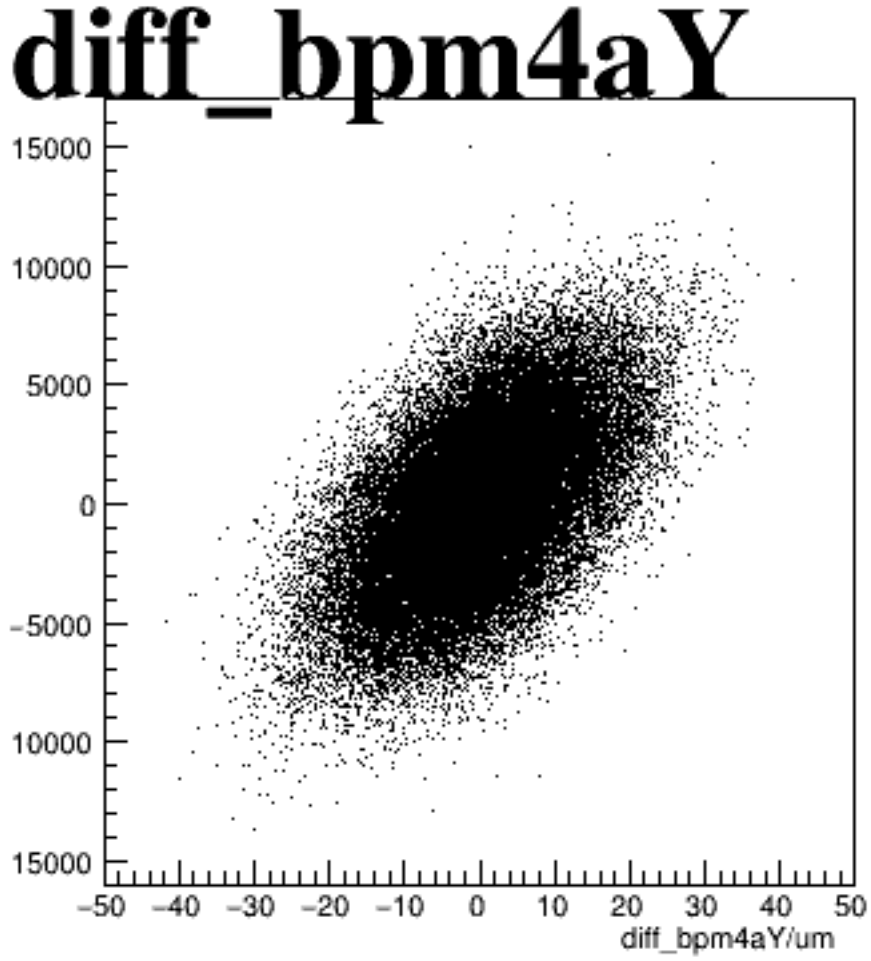
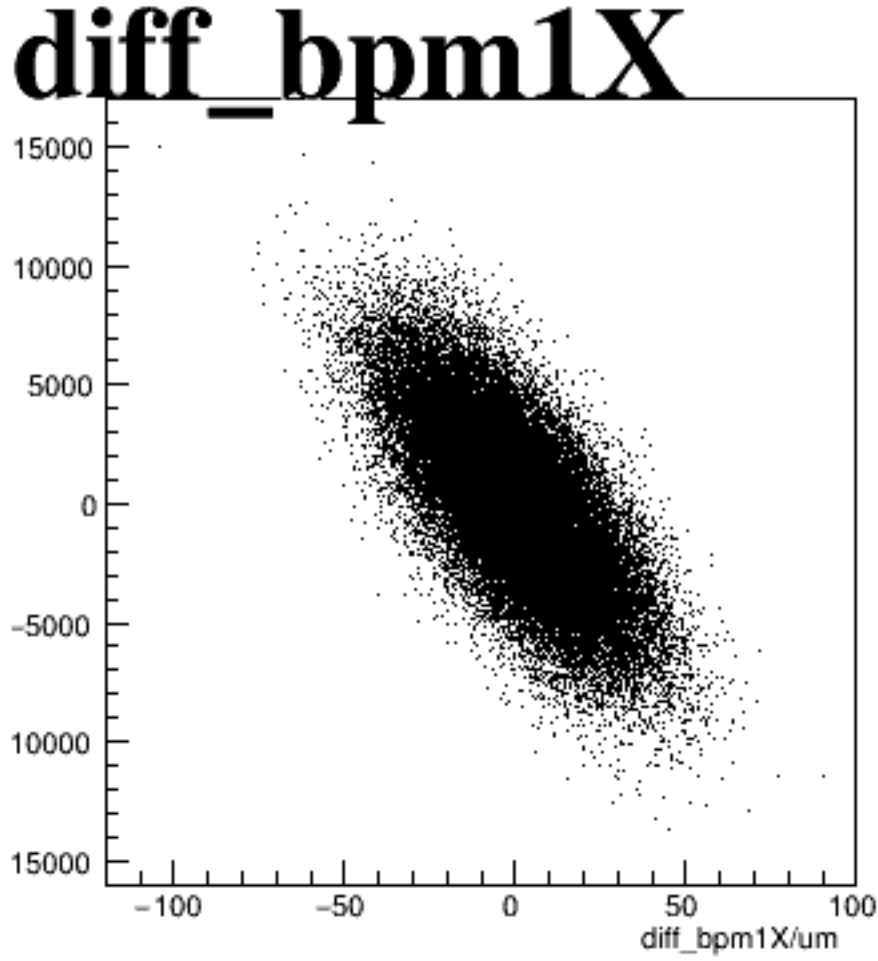
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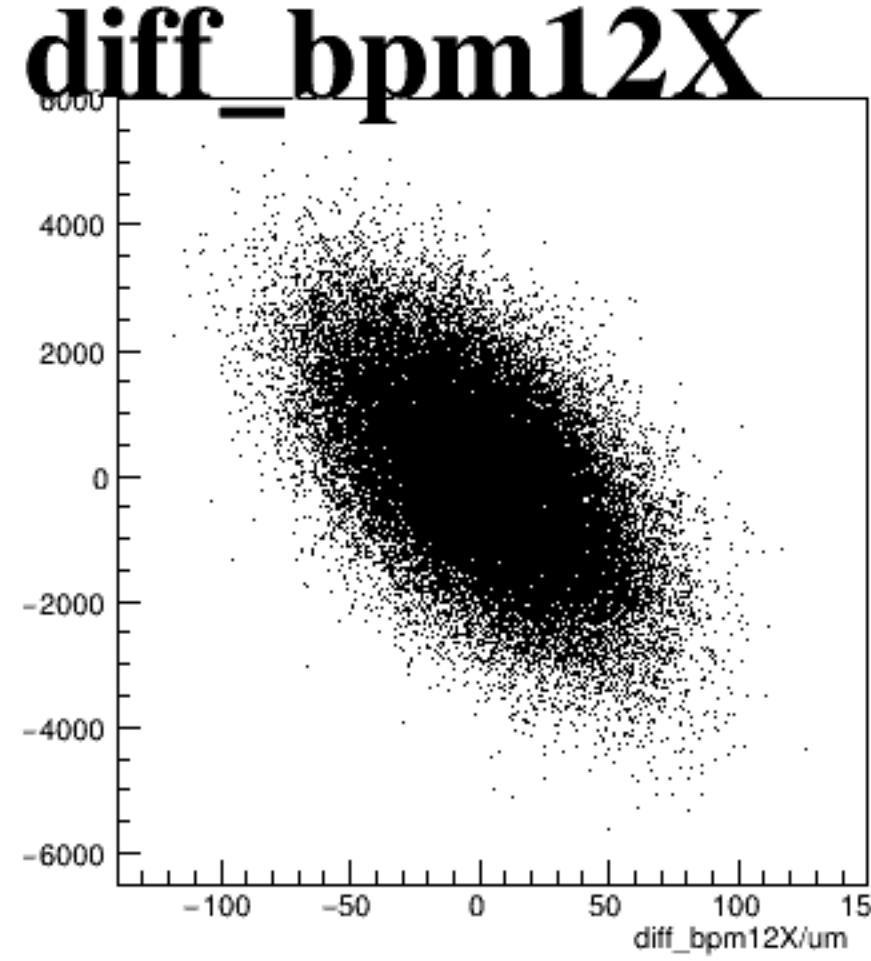
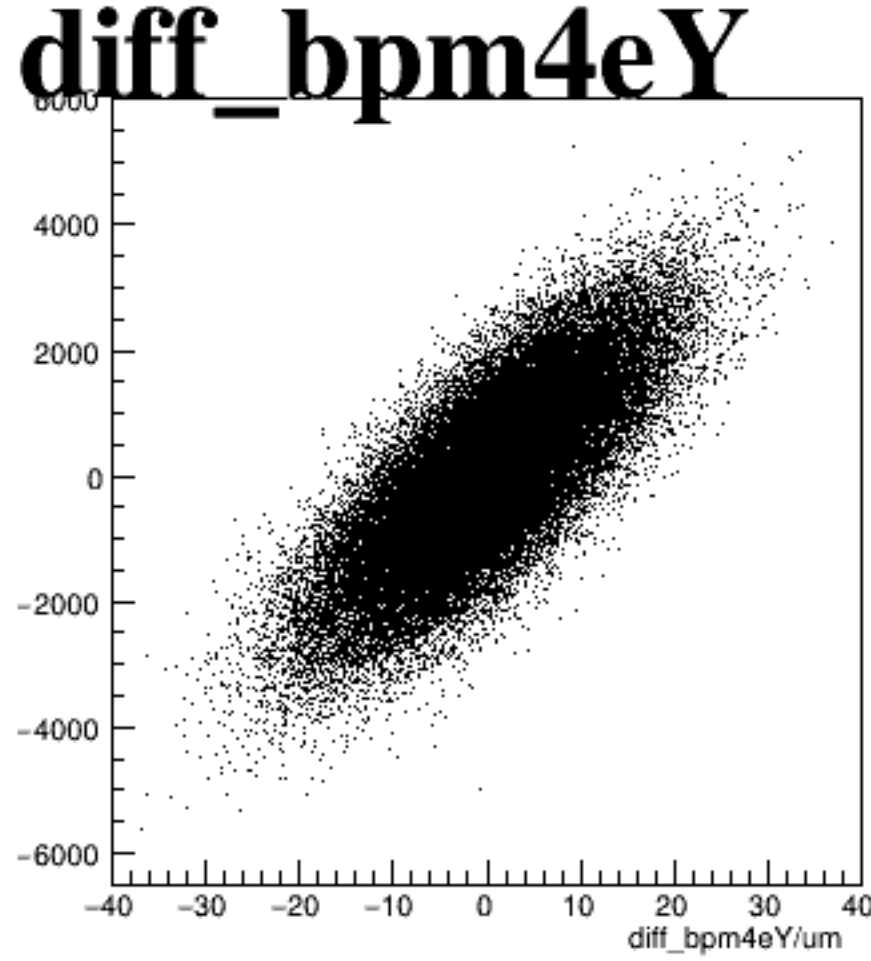
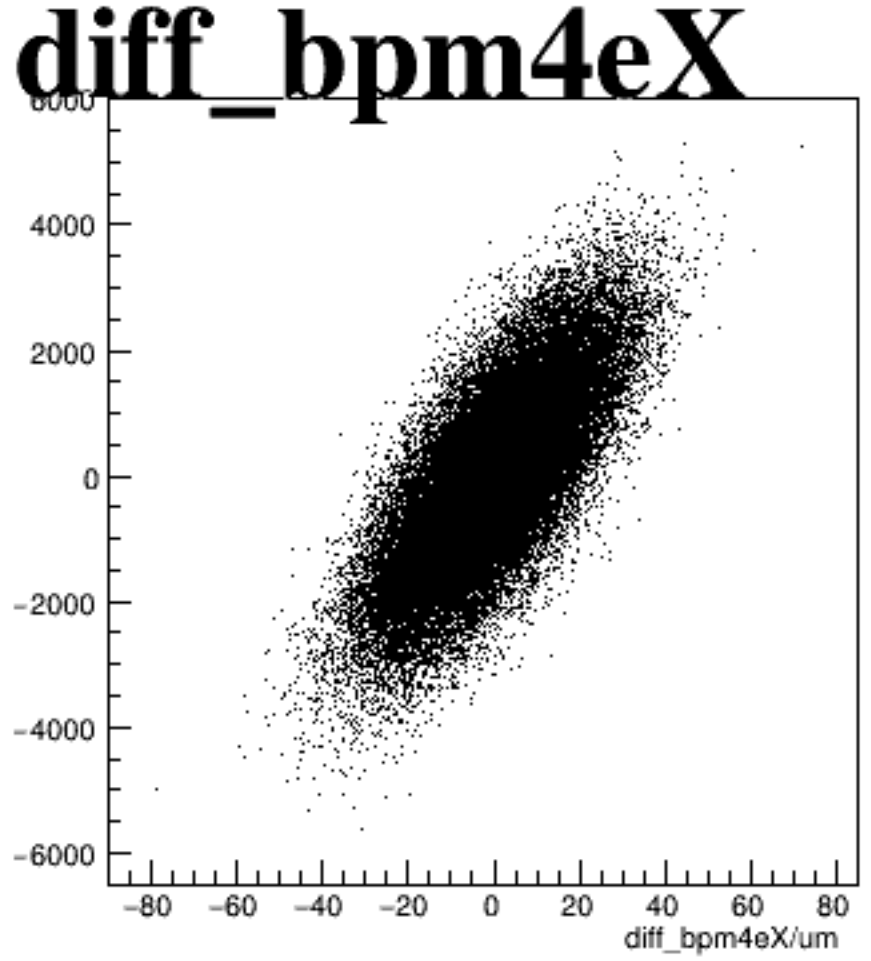
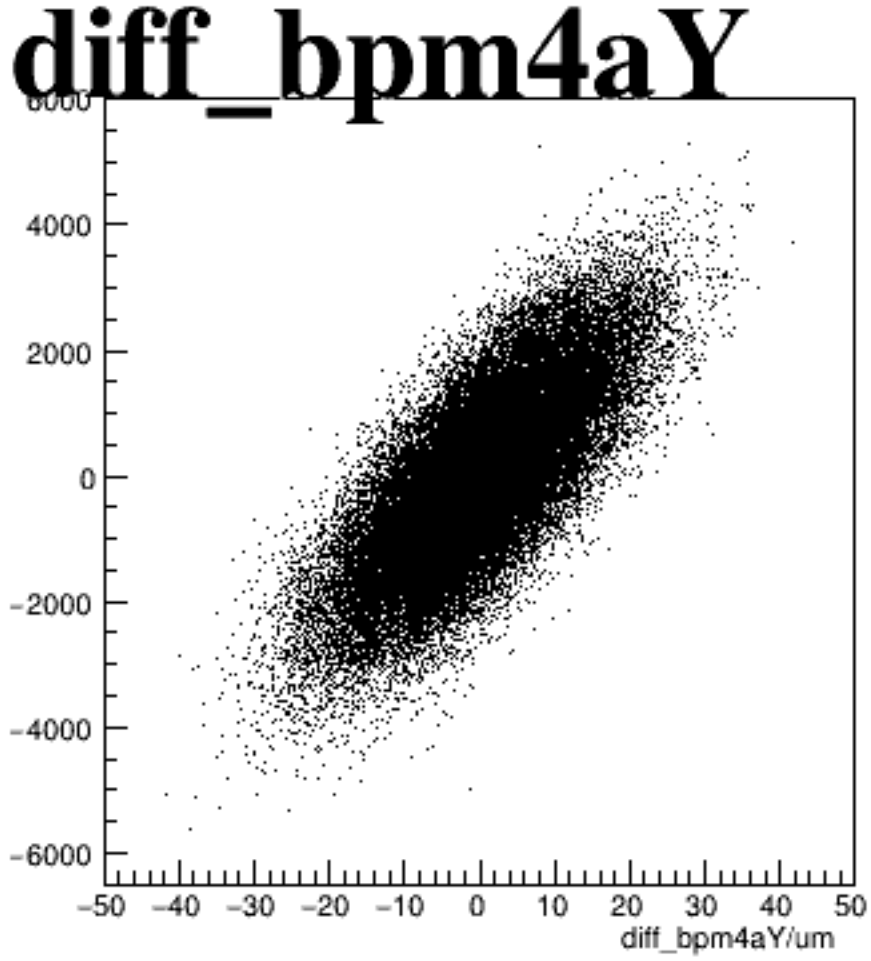
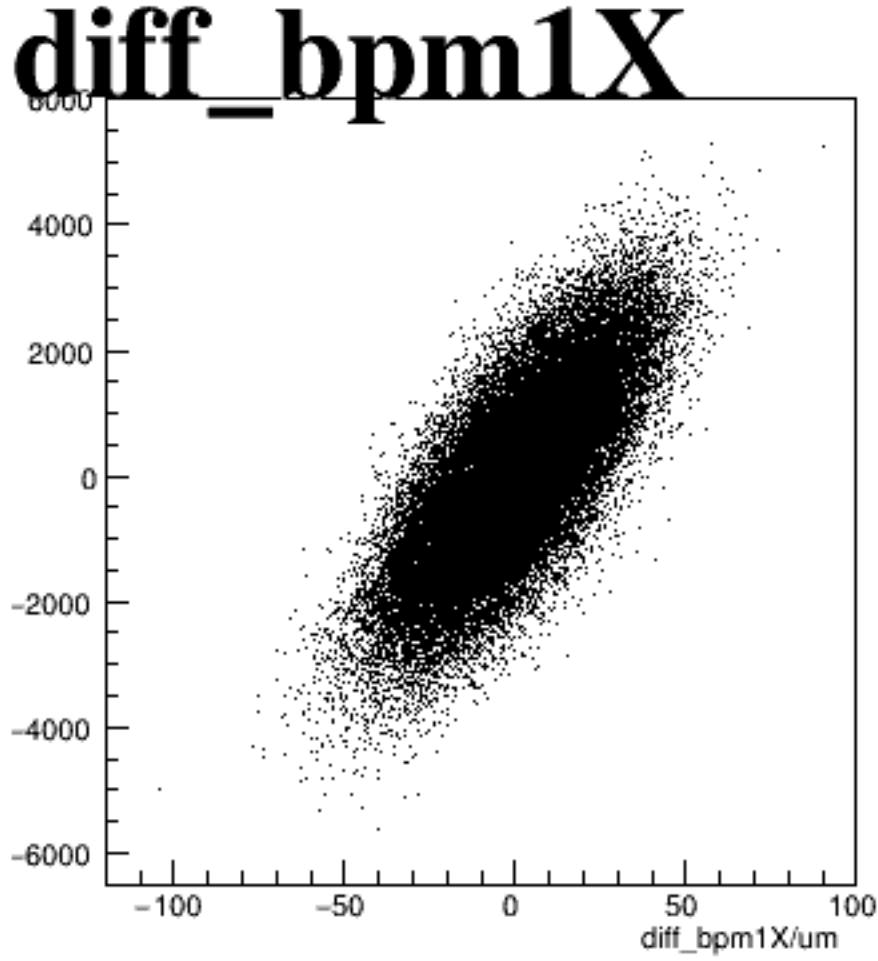
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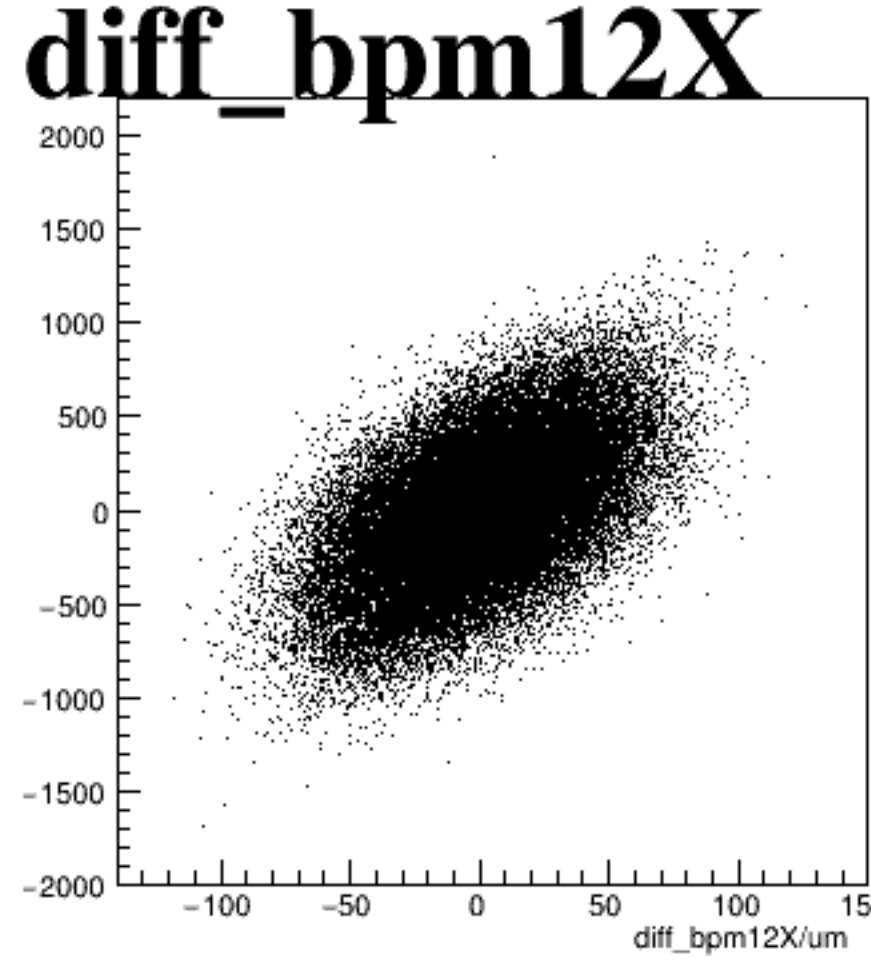
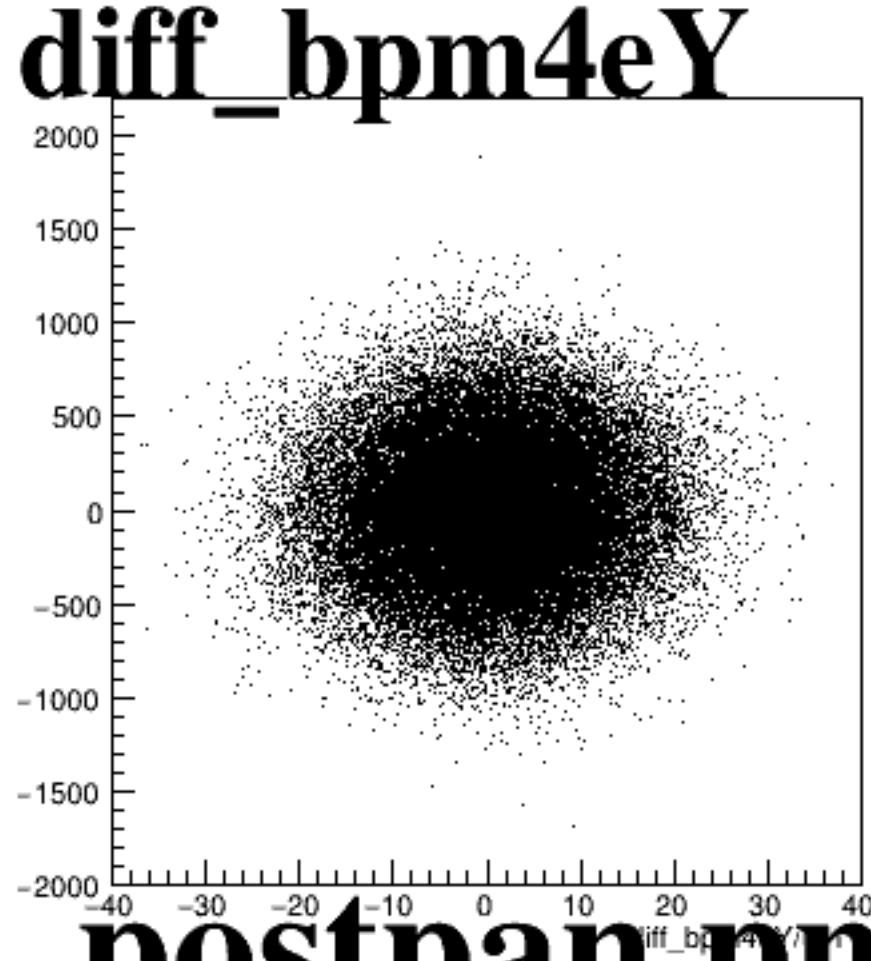
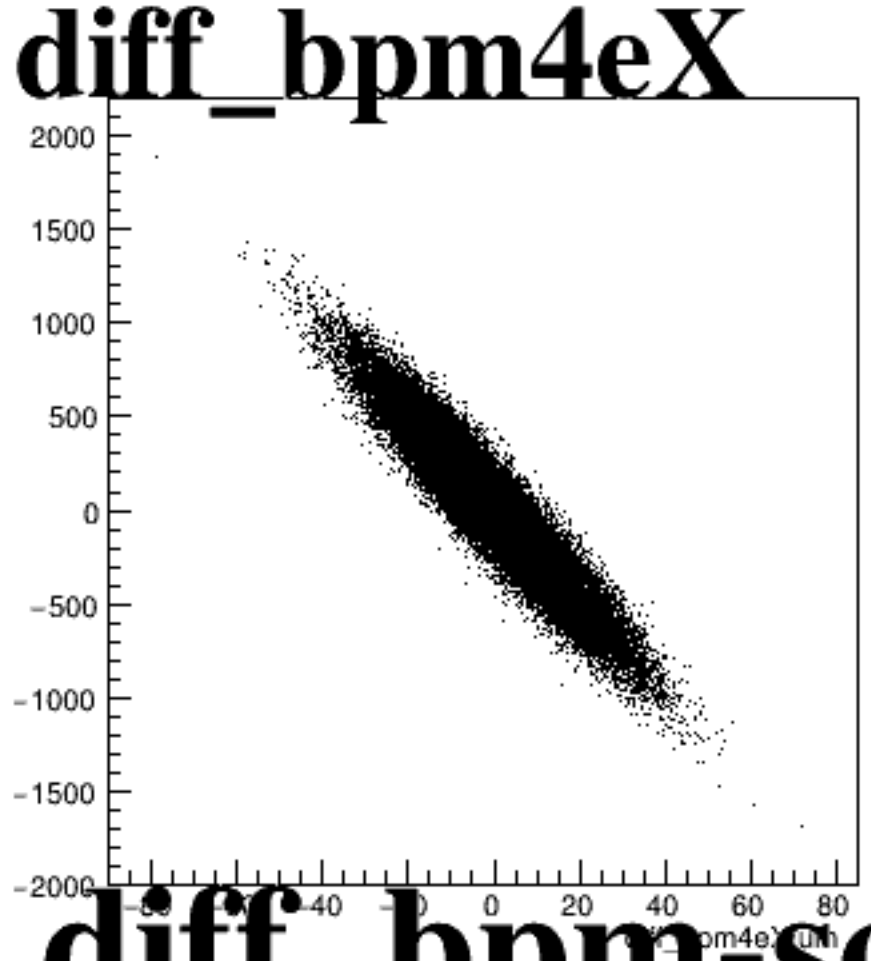
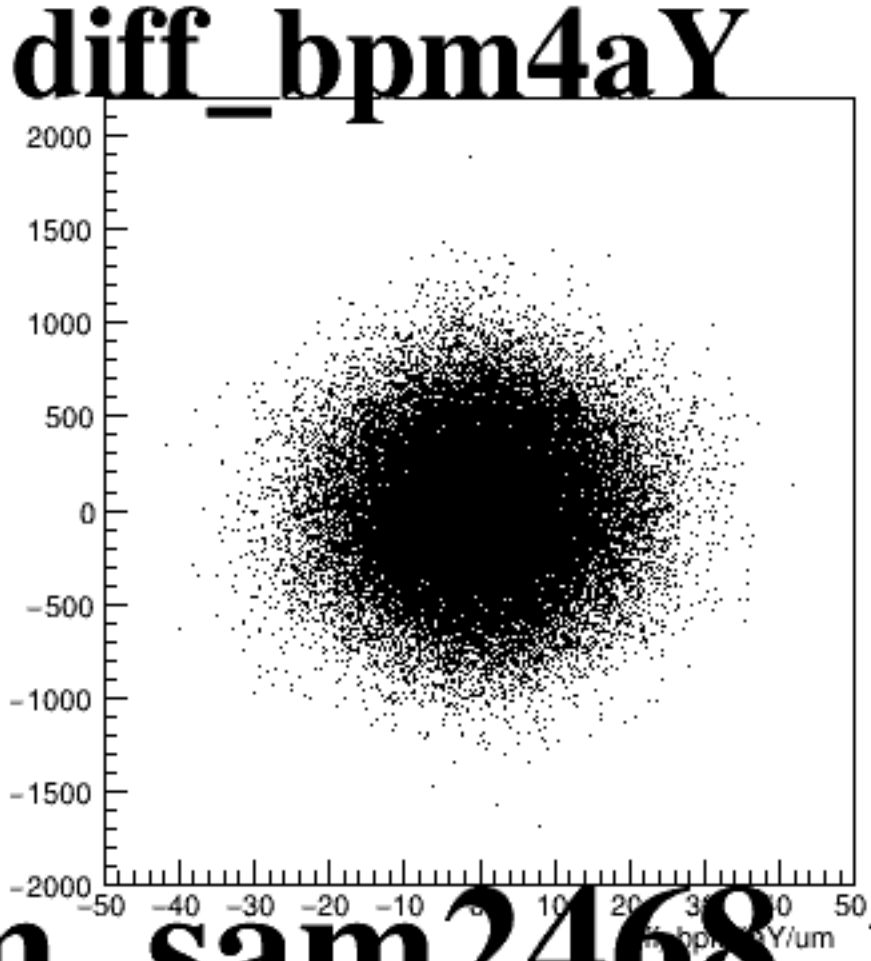
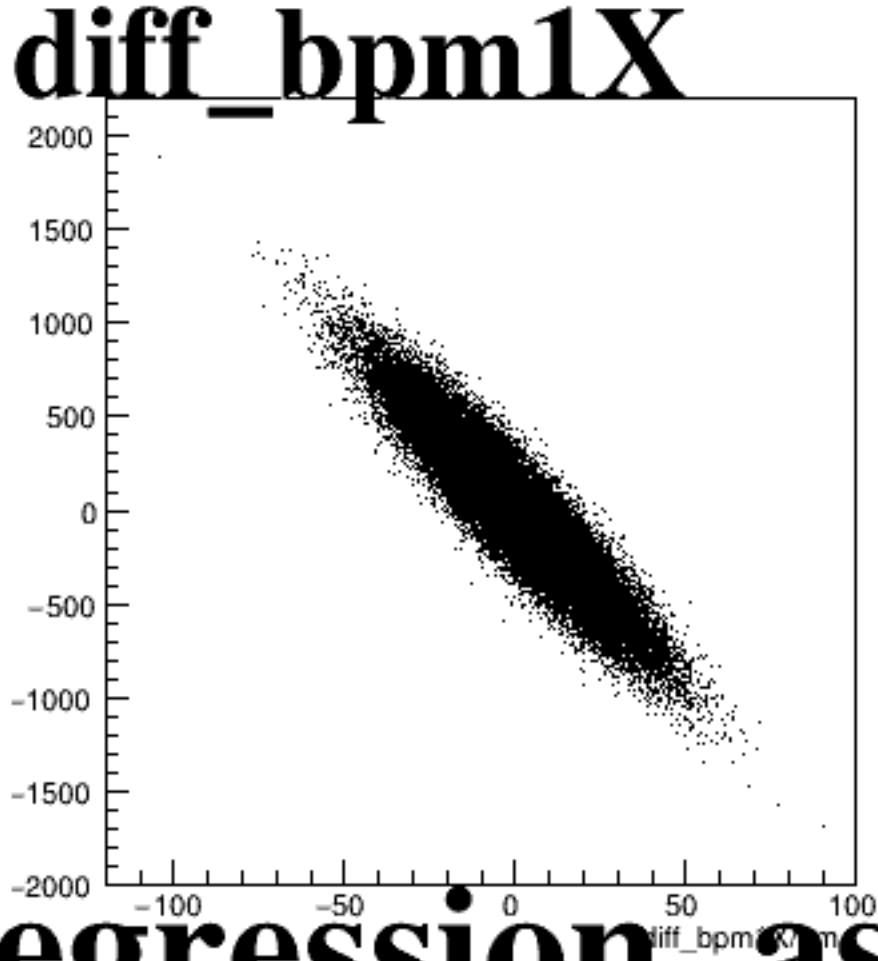
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asym_sam6

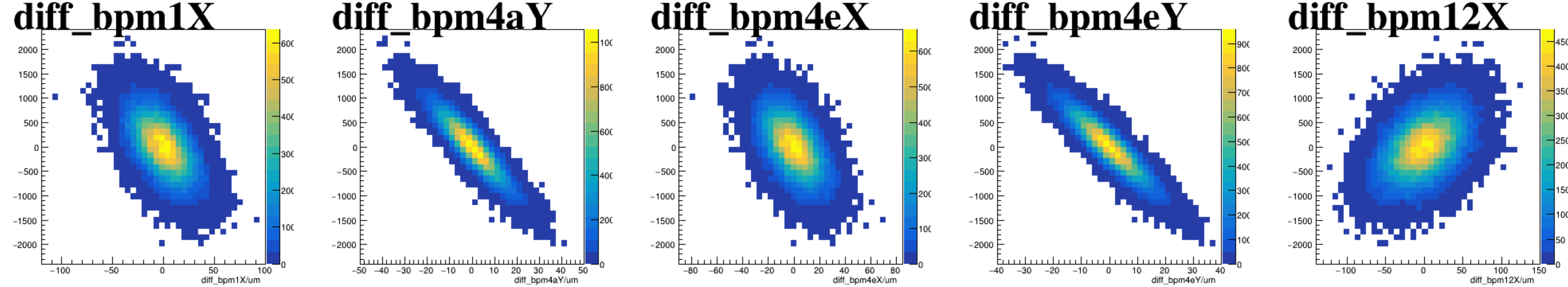


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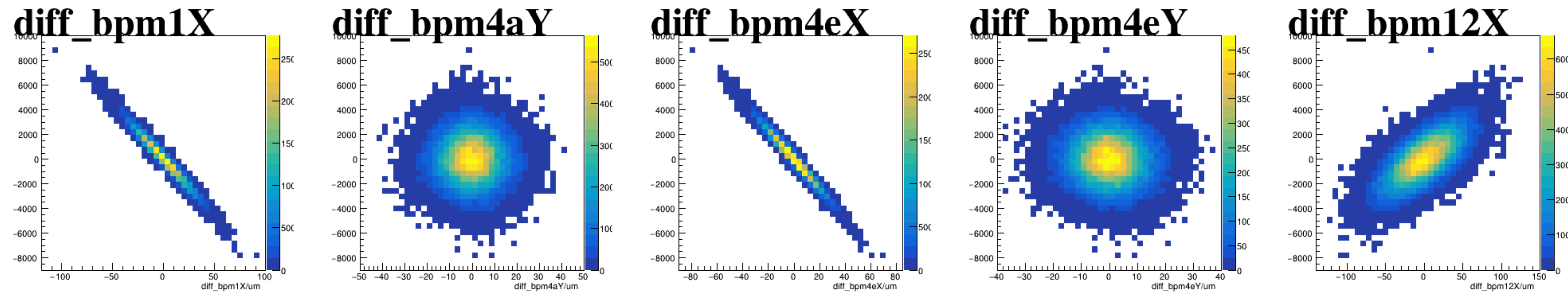


The figure displays five scatter plots, each representing the distribution of difference coordinates for a specific BPM. The y-axis for all plots ranges from -1000 to 1500. The x-axis ranges are: $\text{diff_bpm1X}/\mu\text{m}$ (-100 to 100), $\text{diff_bpm4aY}/\mu\text{m}$ (-50 to 50), $\text{diff_bpm4eX}/\mu\text{m}$ (-80 to 80), $\text{diff_bpm4eY}/\mu\text{m}$ (-40 to 40), and $\text{diff_bpm12X}/\mu\text{m}$ (-100 to 150). All distributions are centered at the origin (0,0) and show a dense, roughly circular cloud of points.

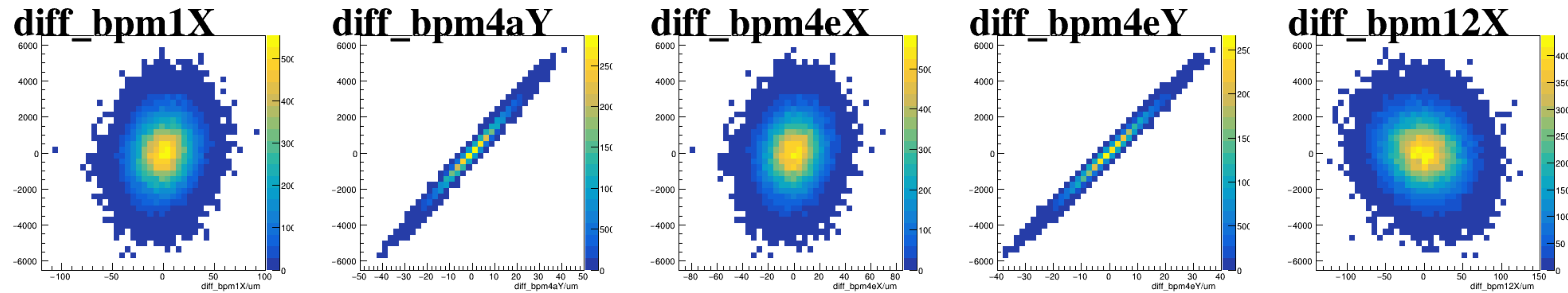
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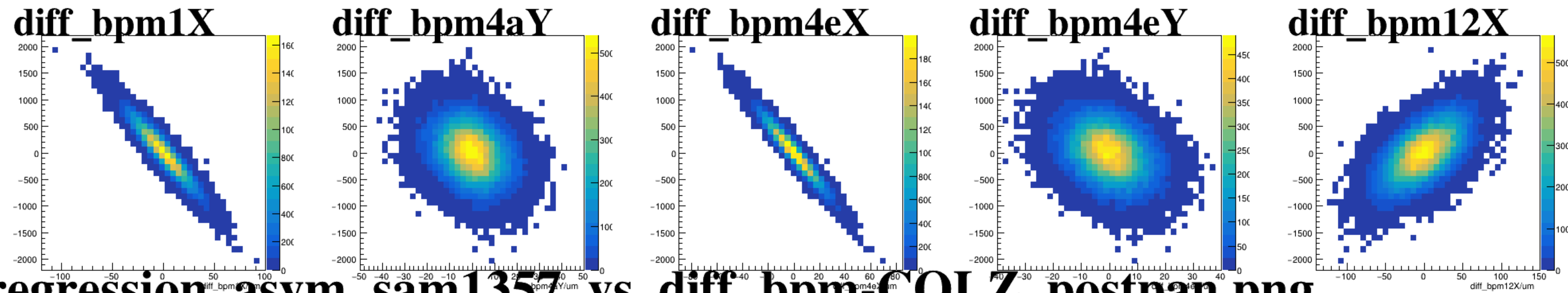
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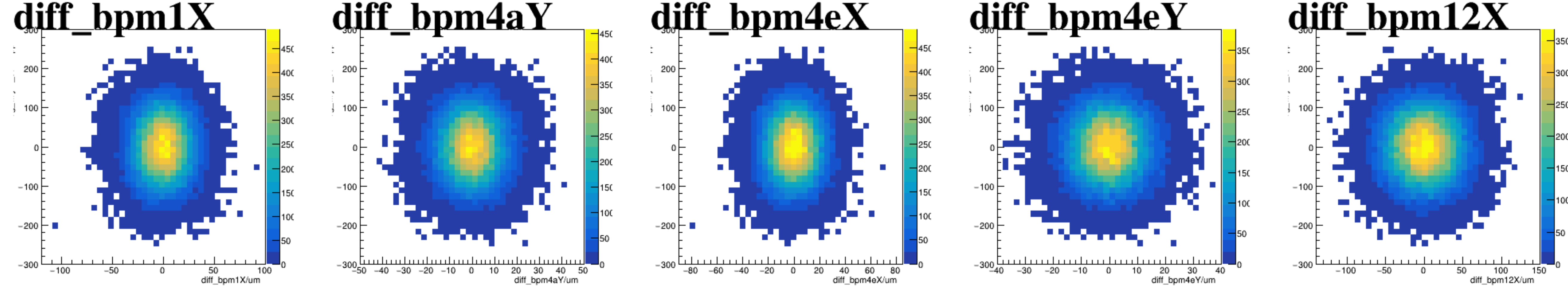
asym_sam5



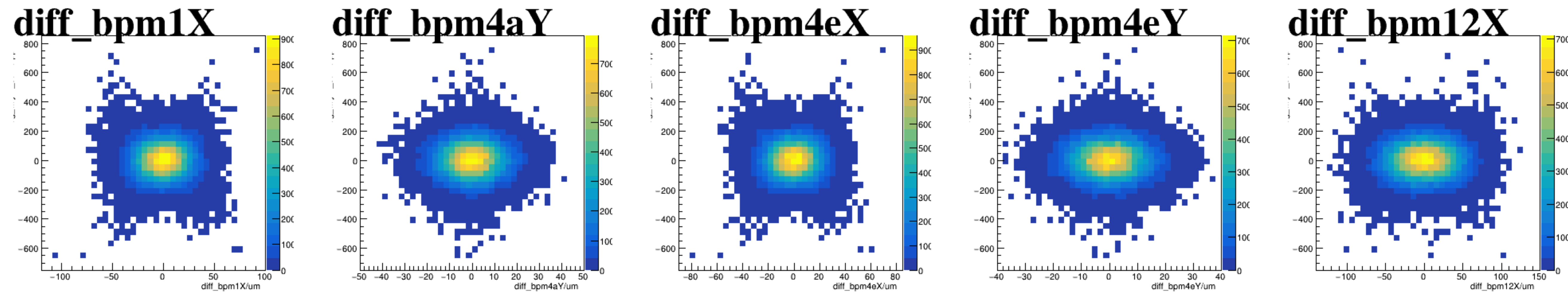
asym_sam7



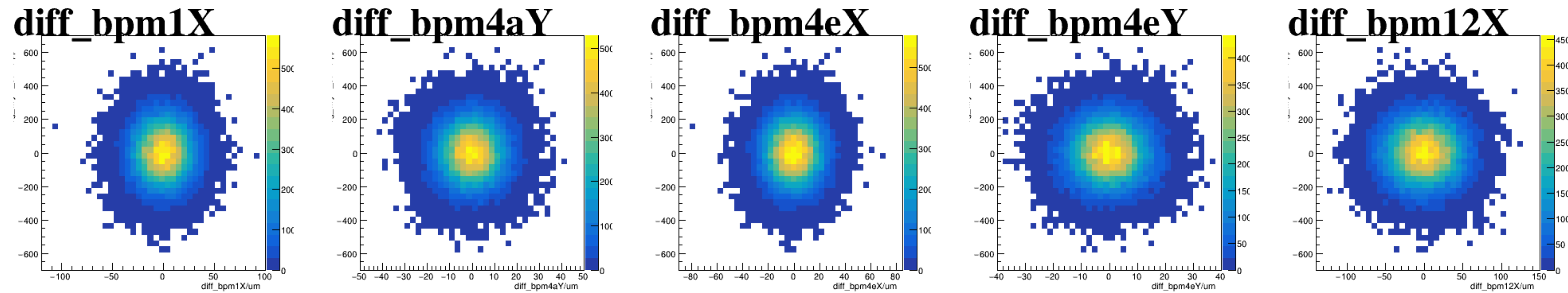
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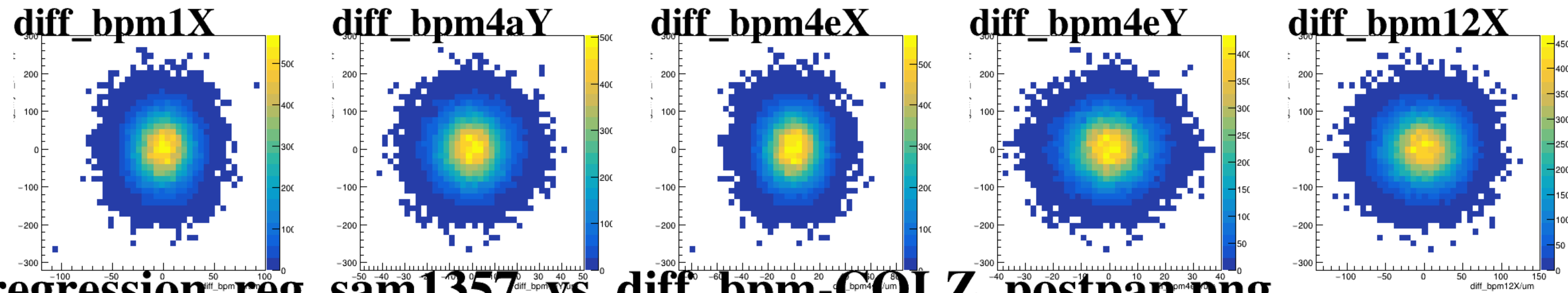
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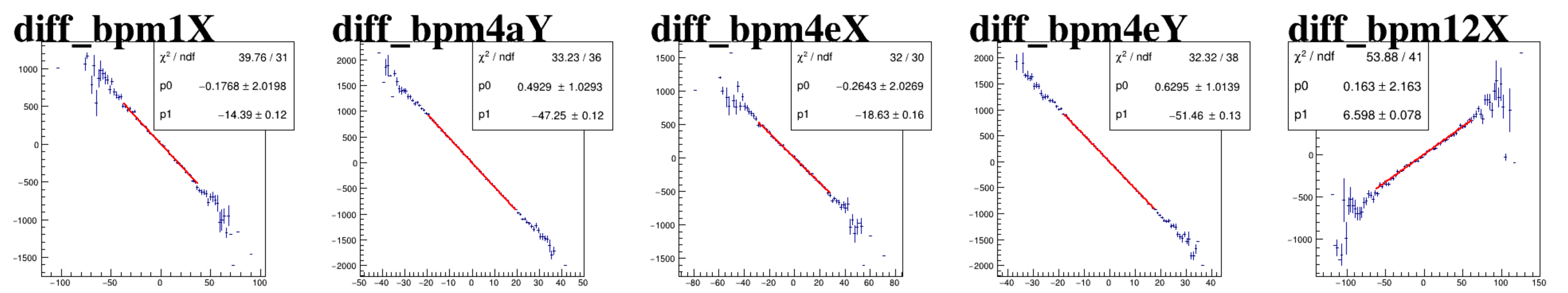
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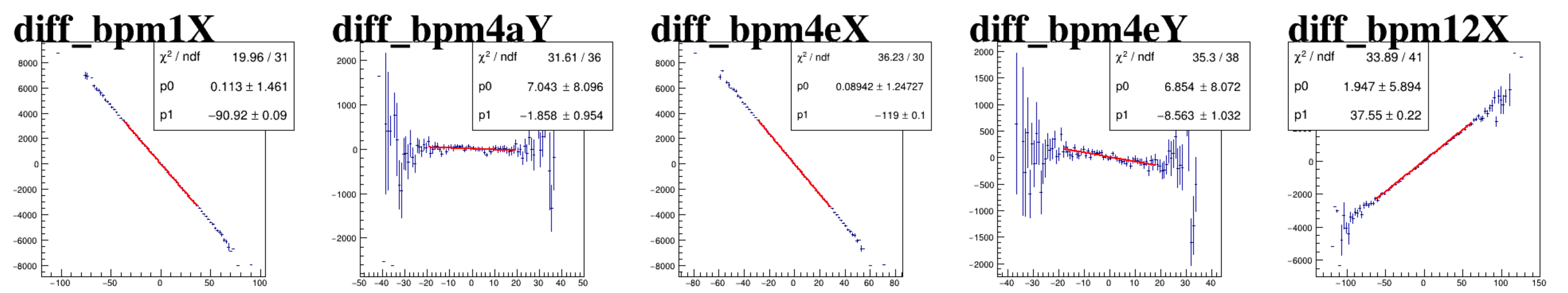
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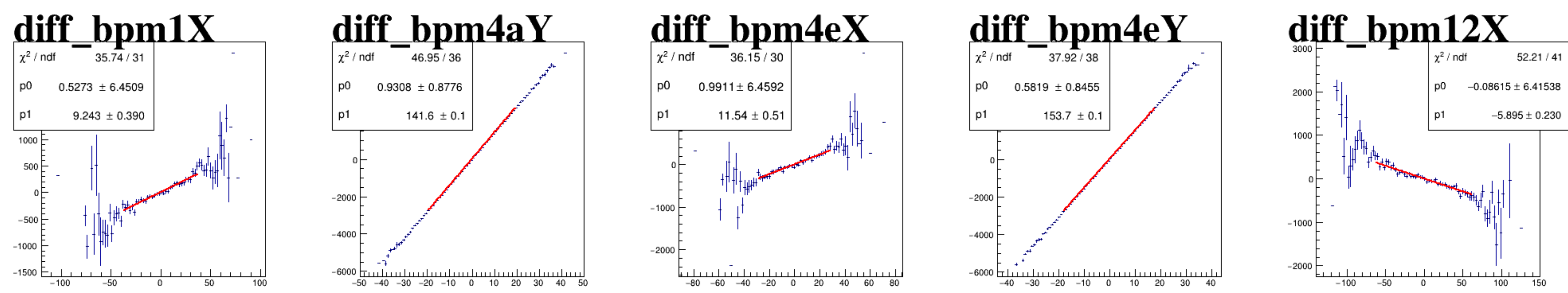
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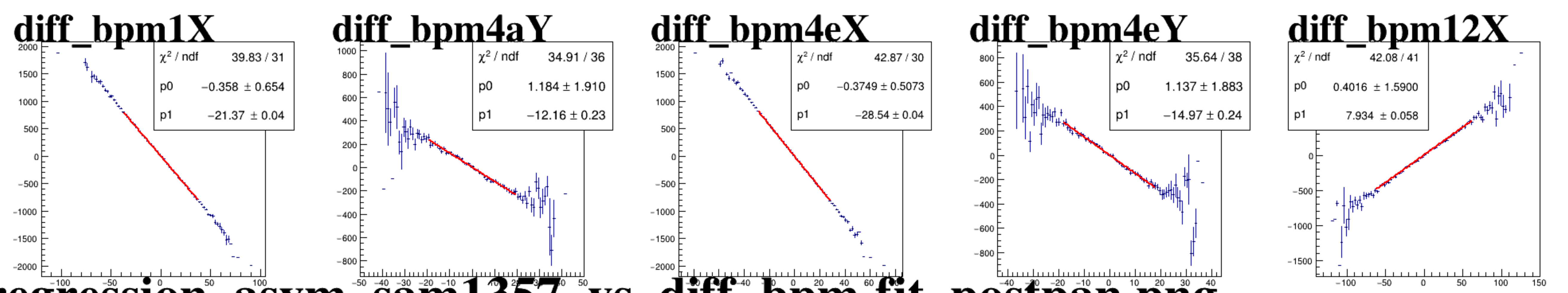
asym_sam3



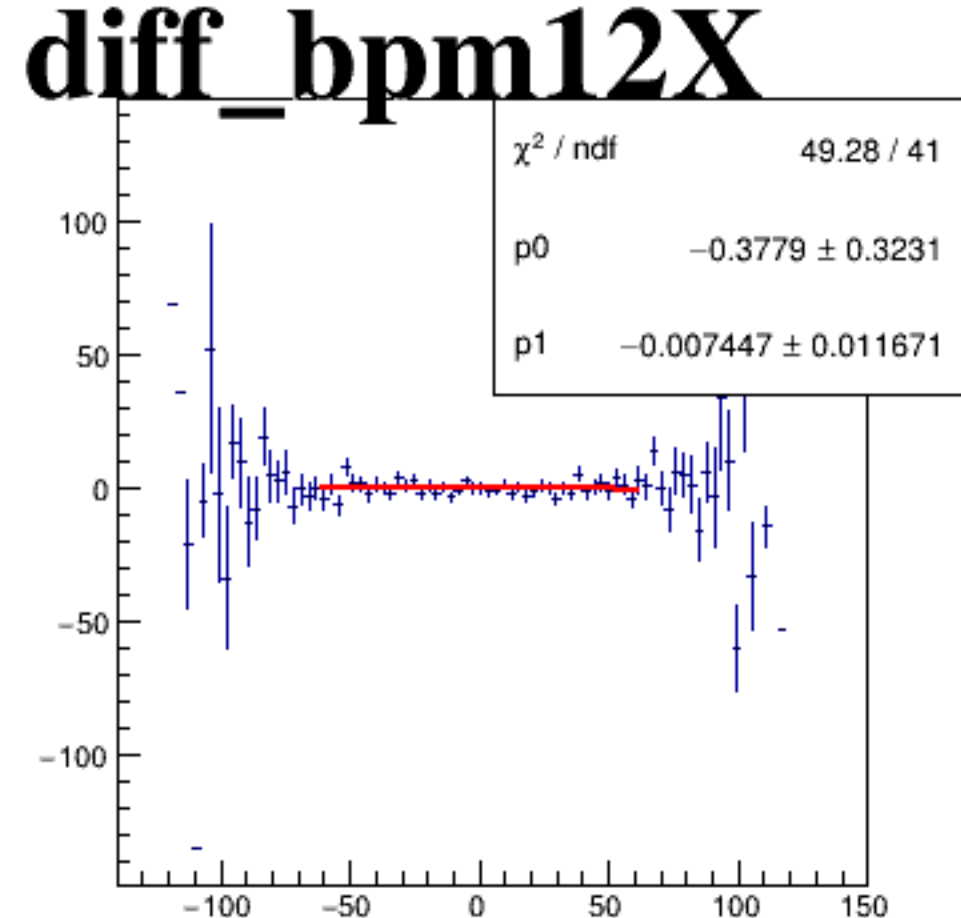
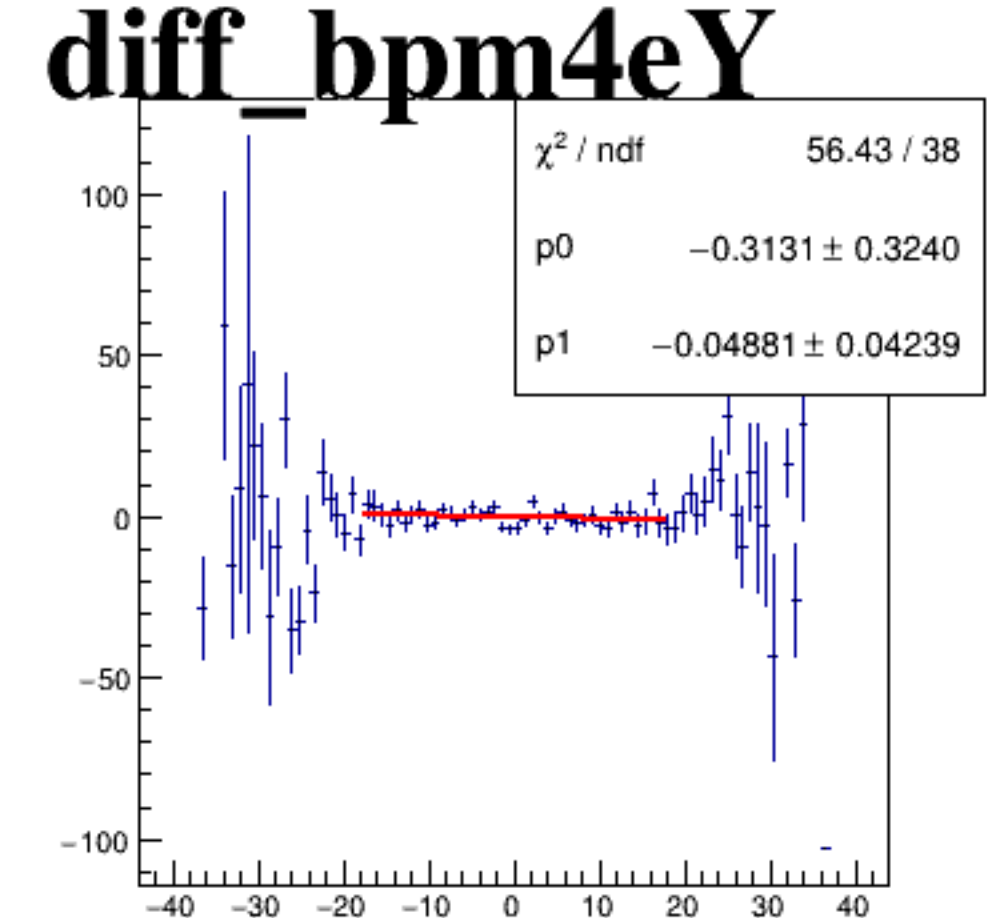
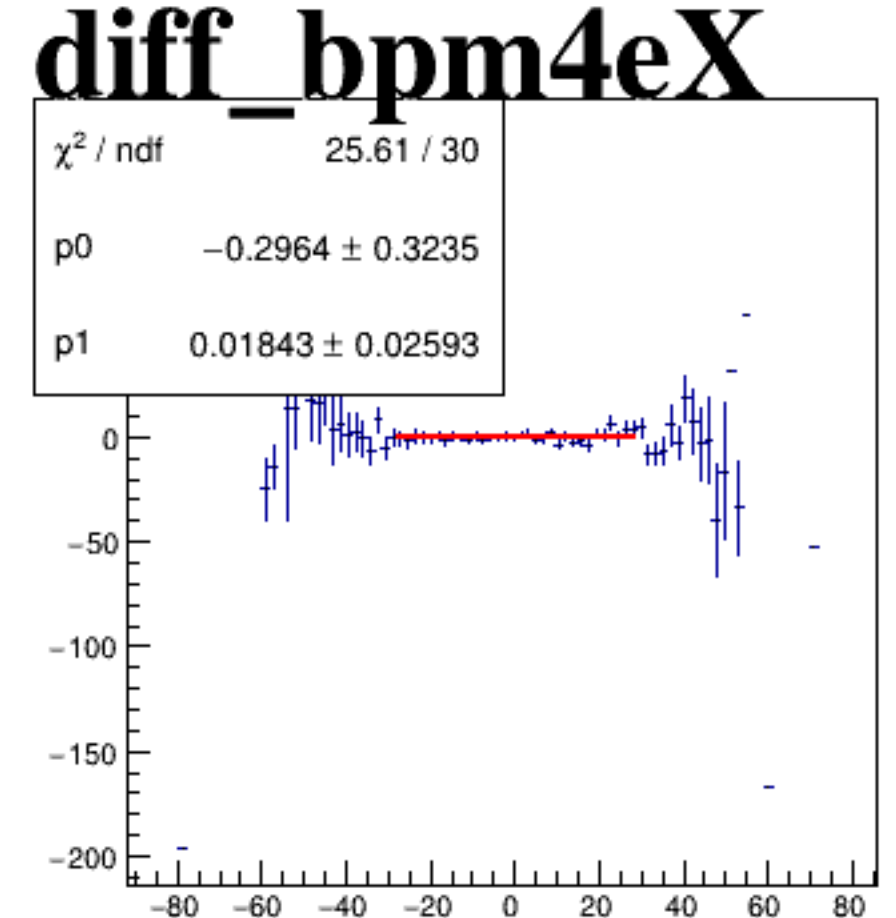
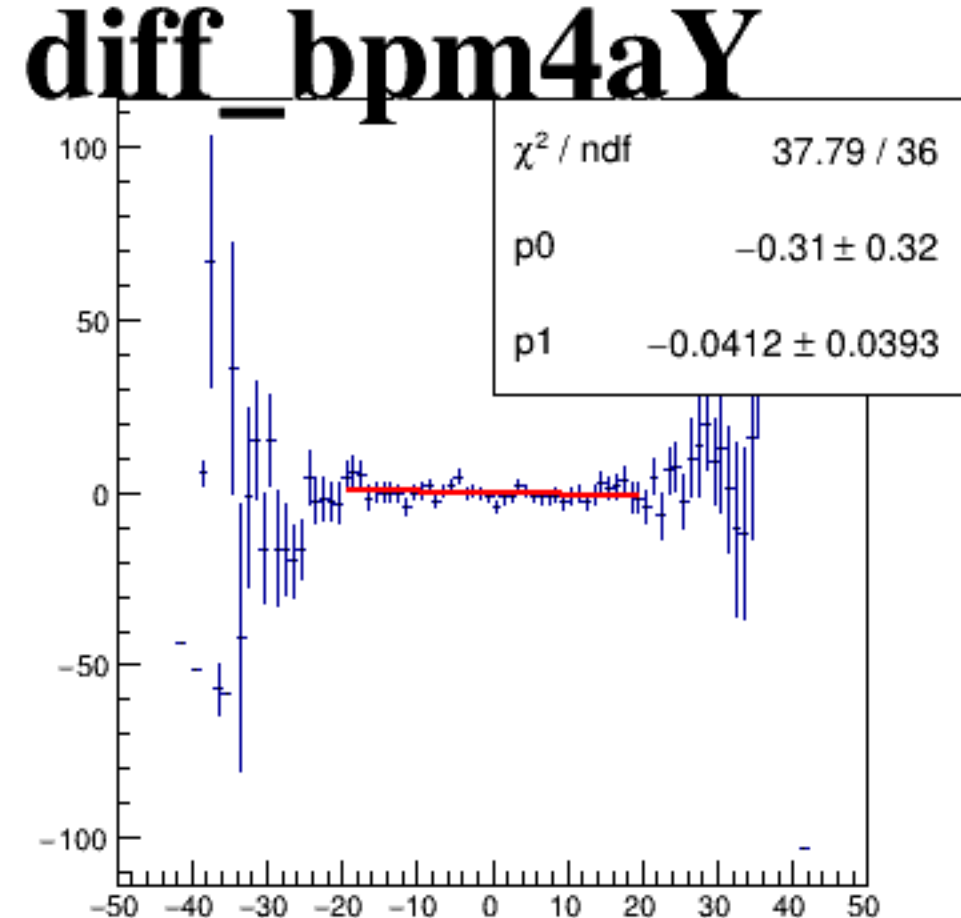
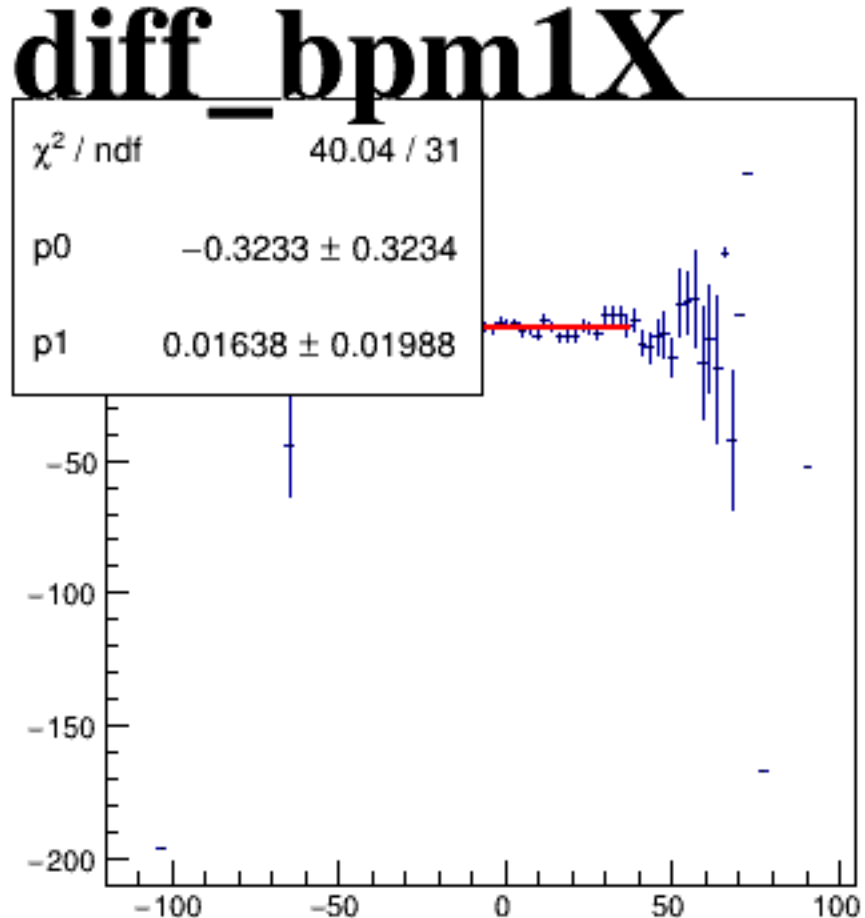
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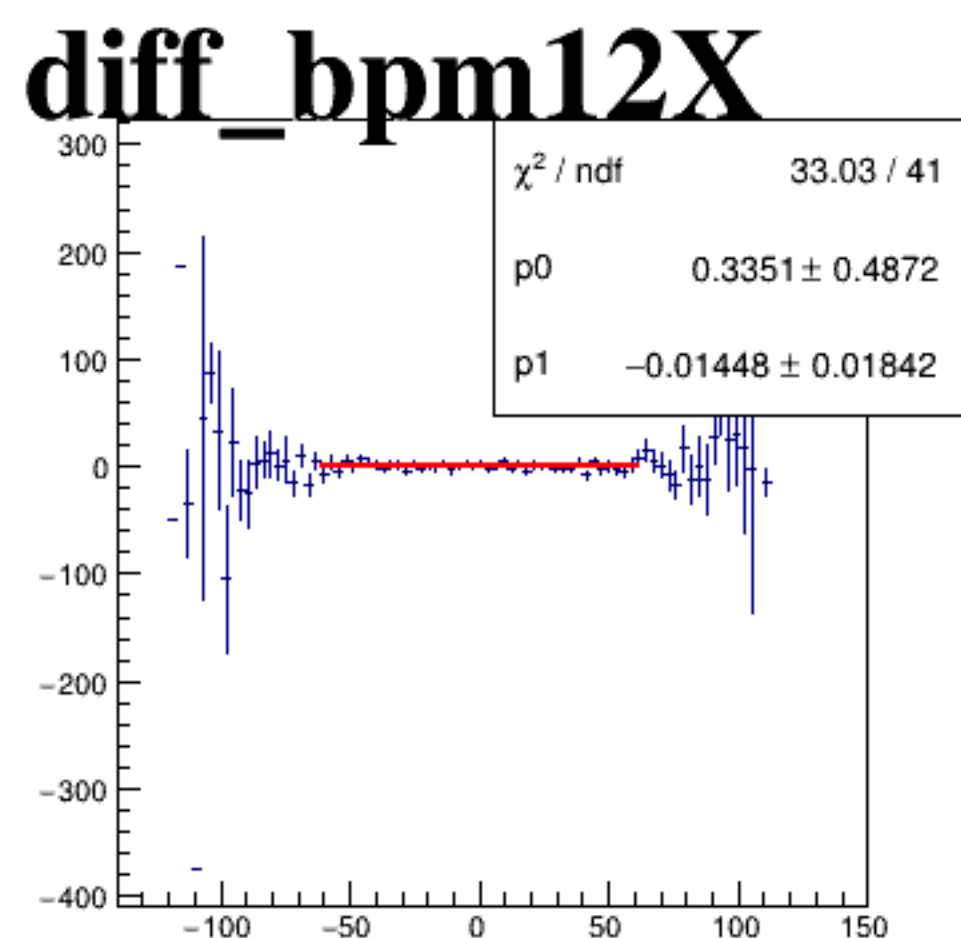
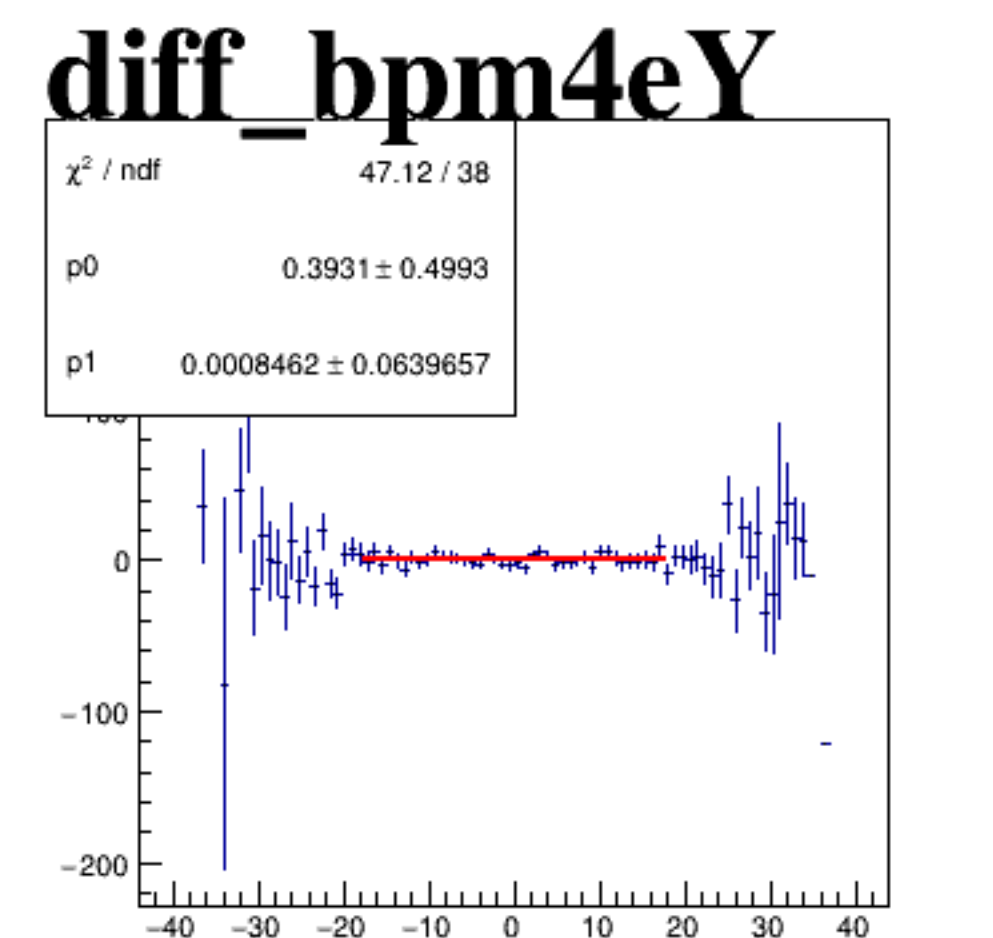
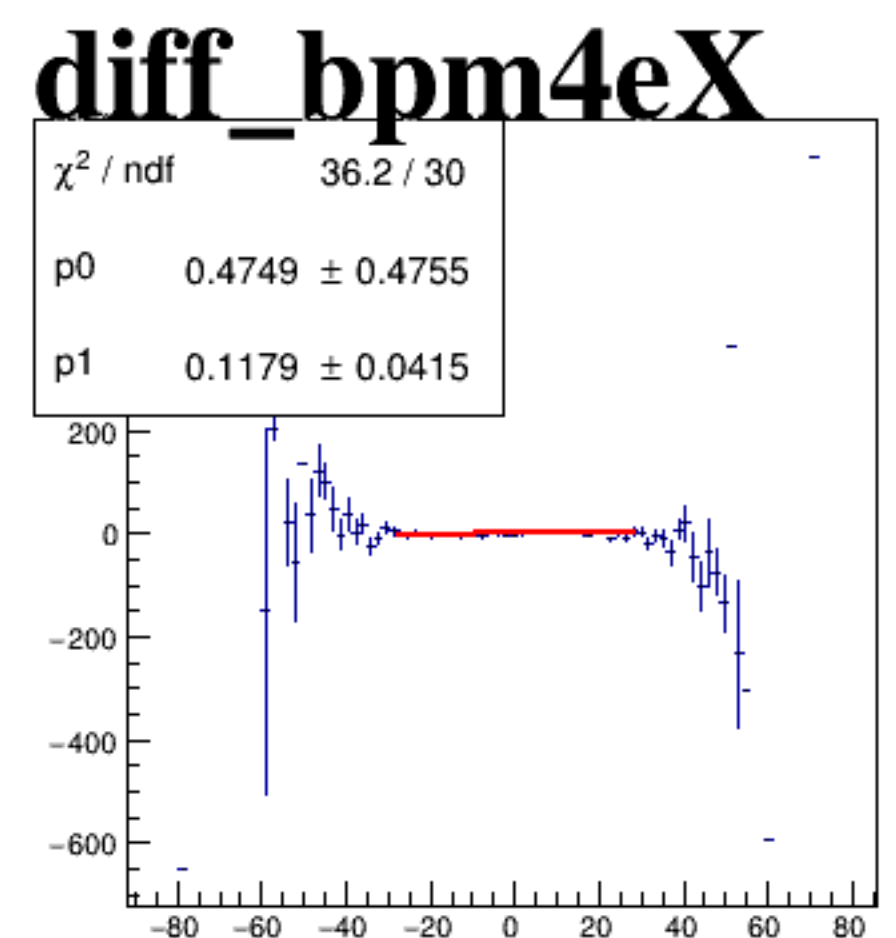
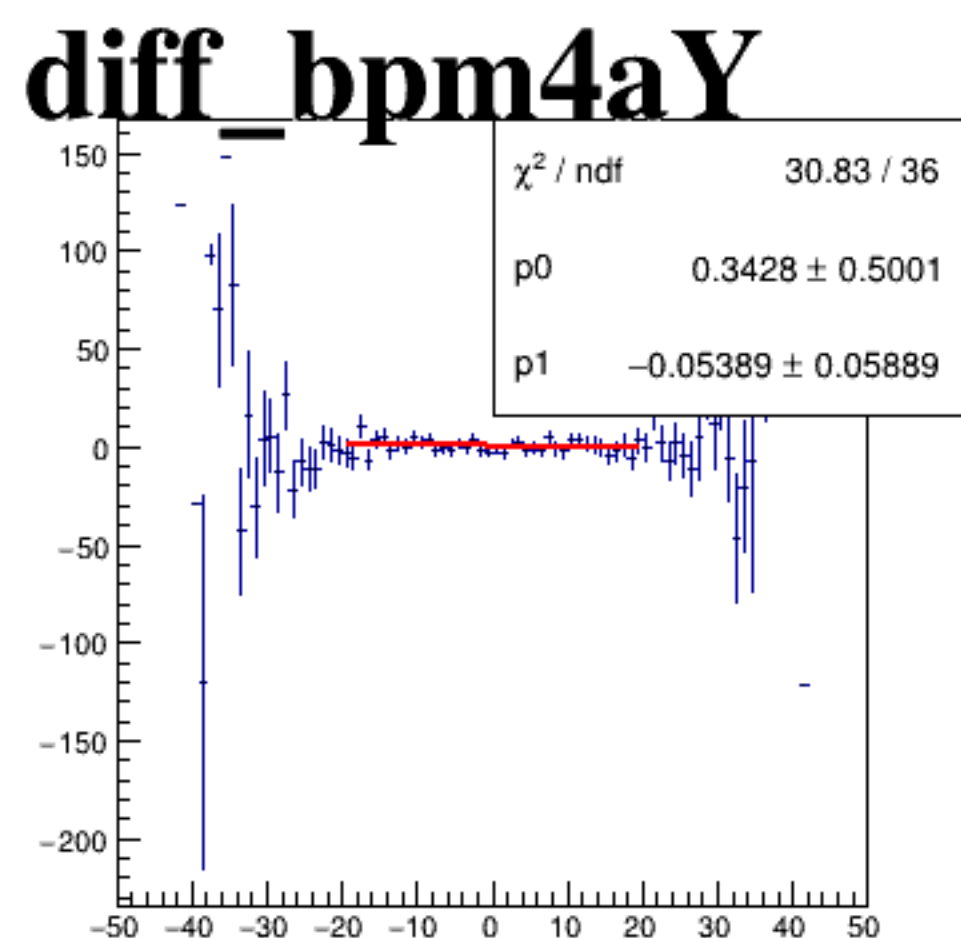
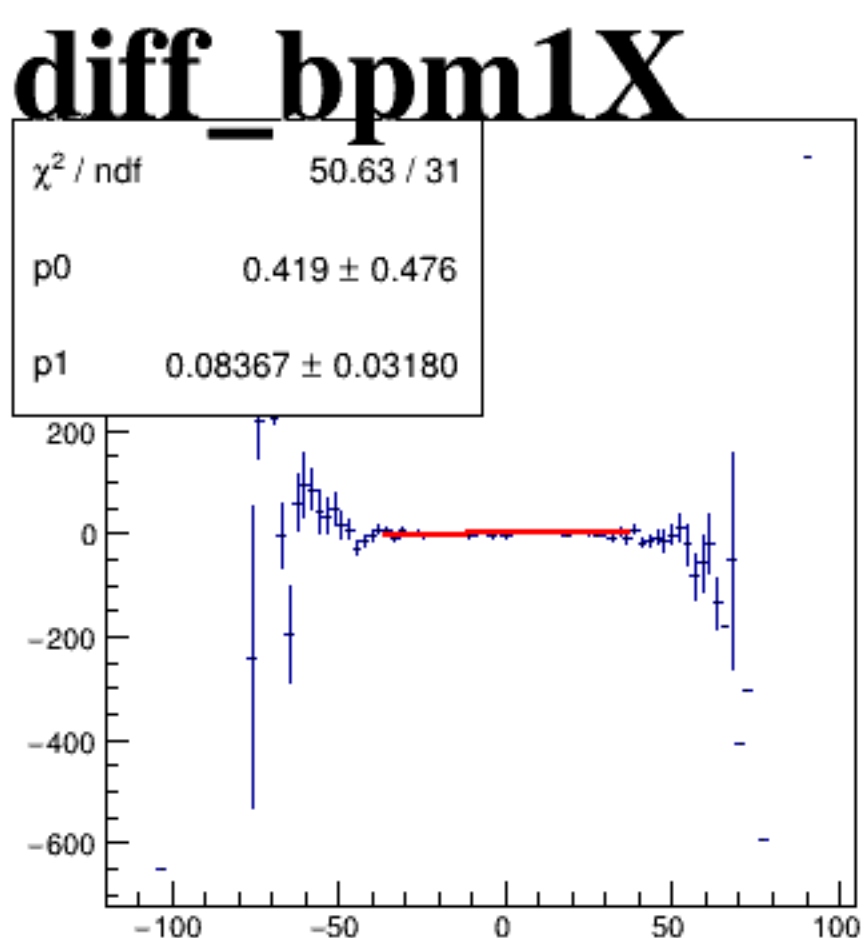
asym_sam7



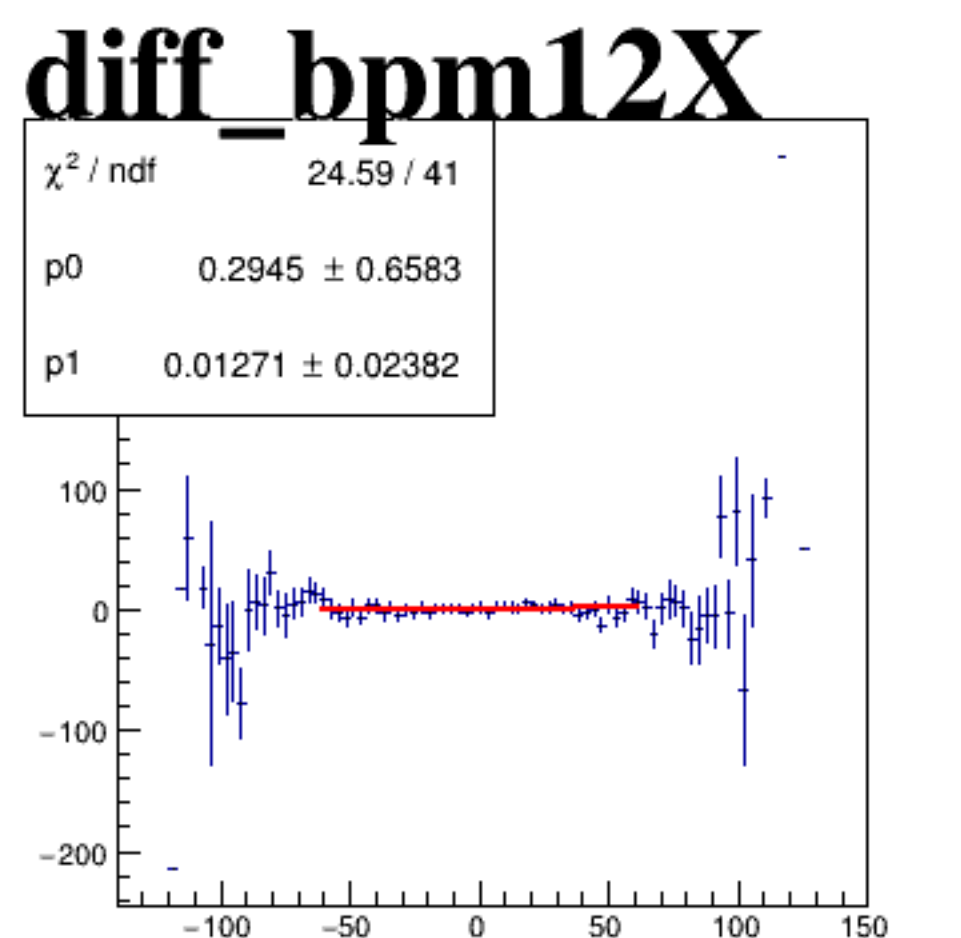
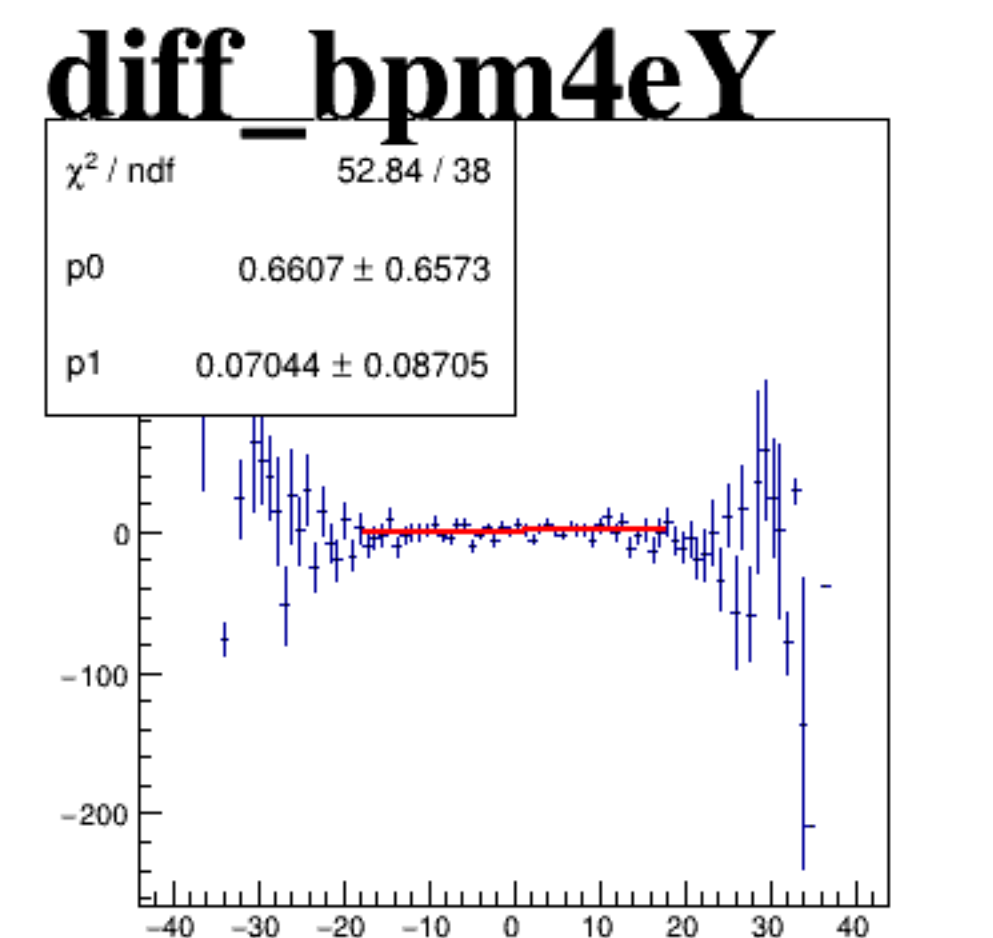
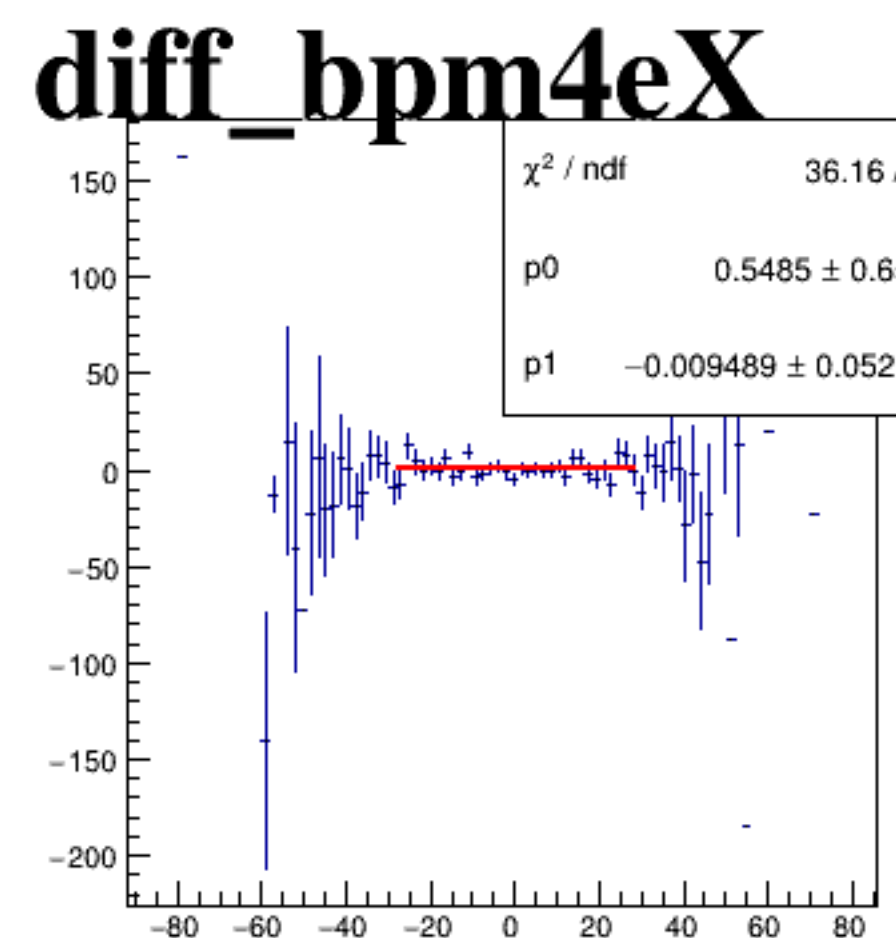
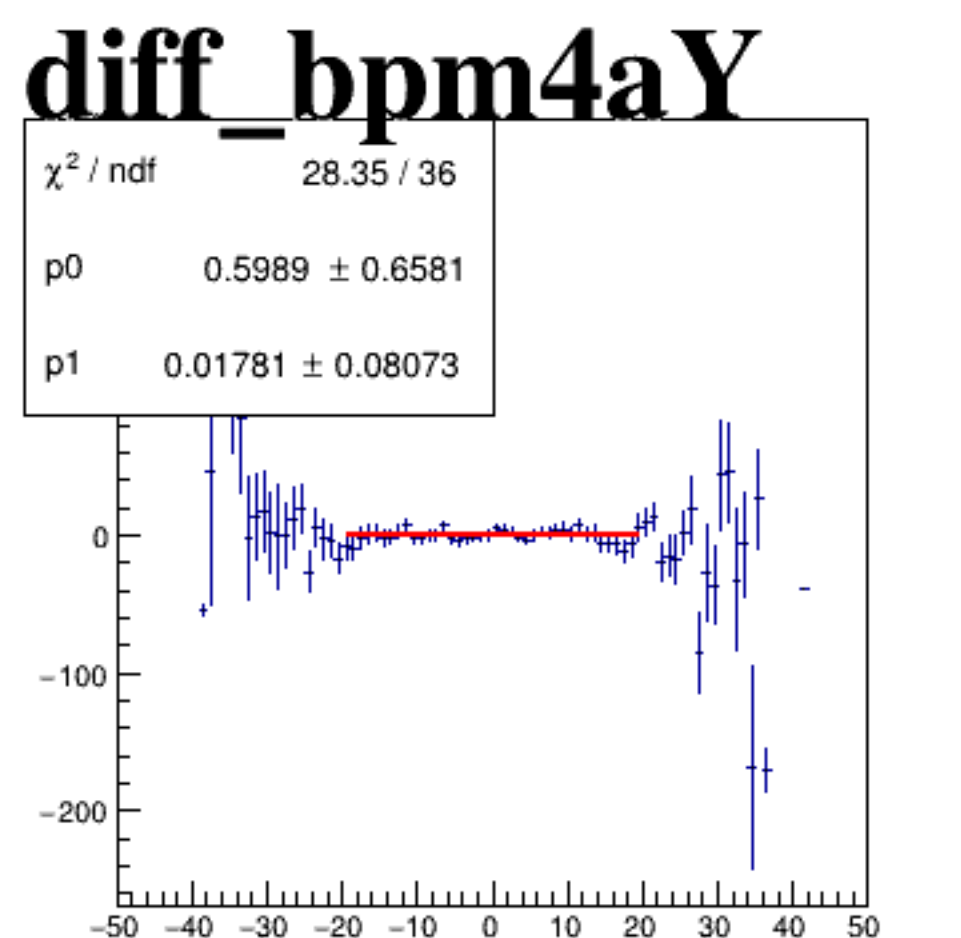
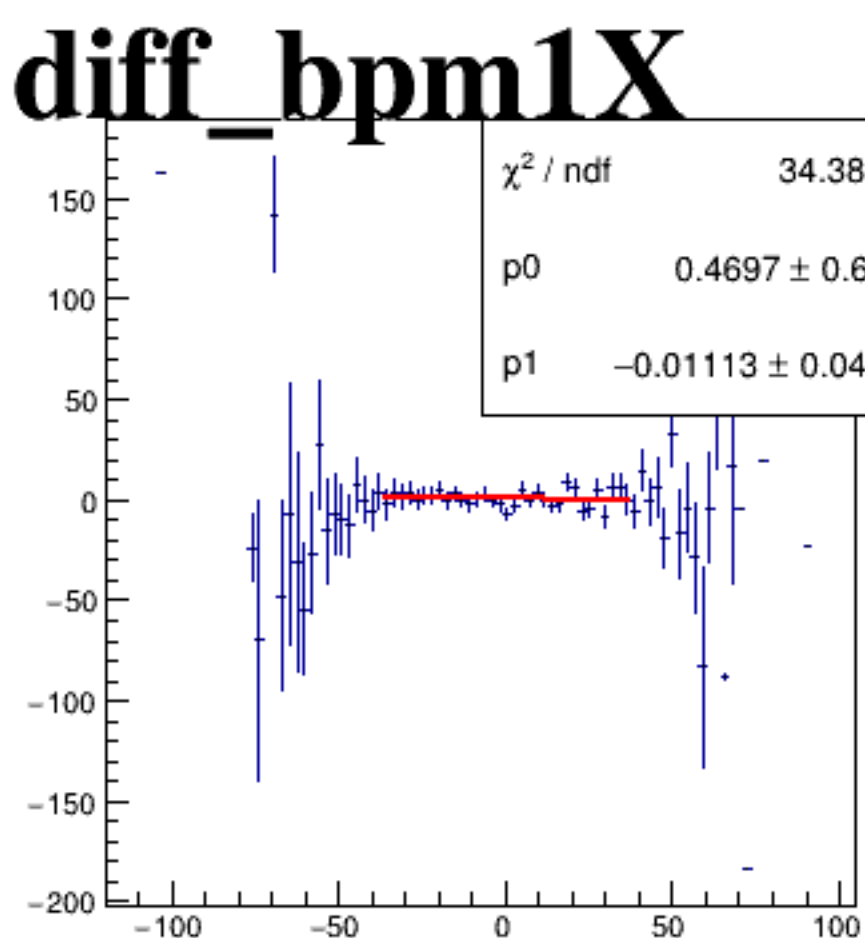
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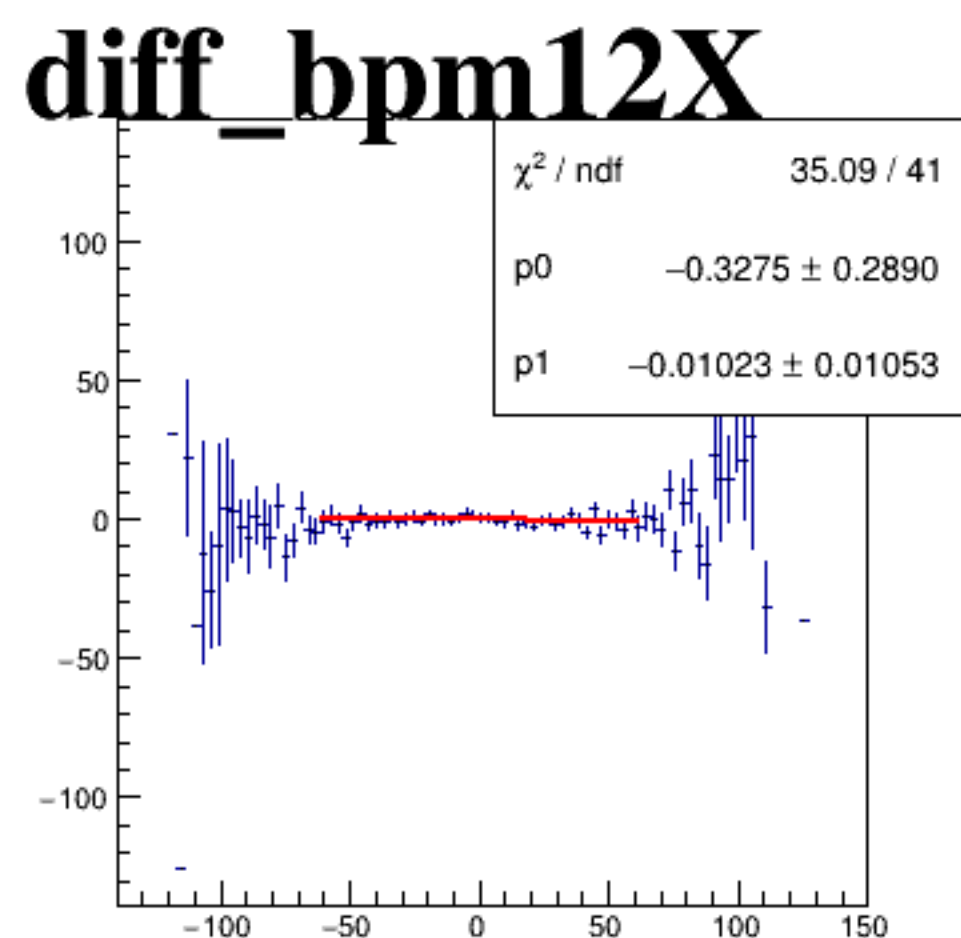
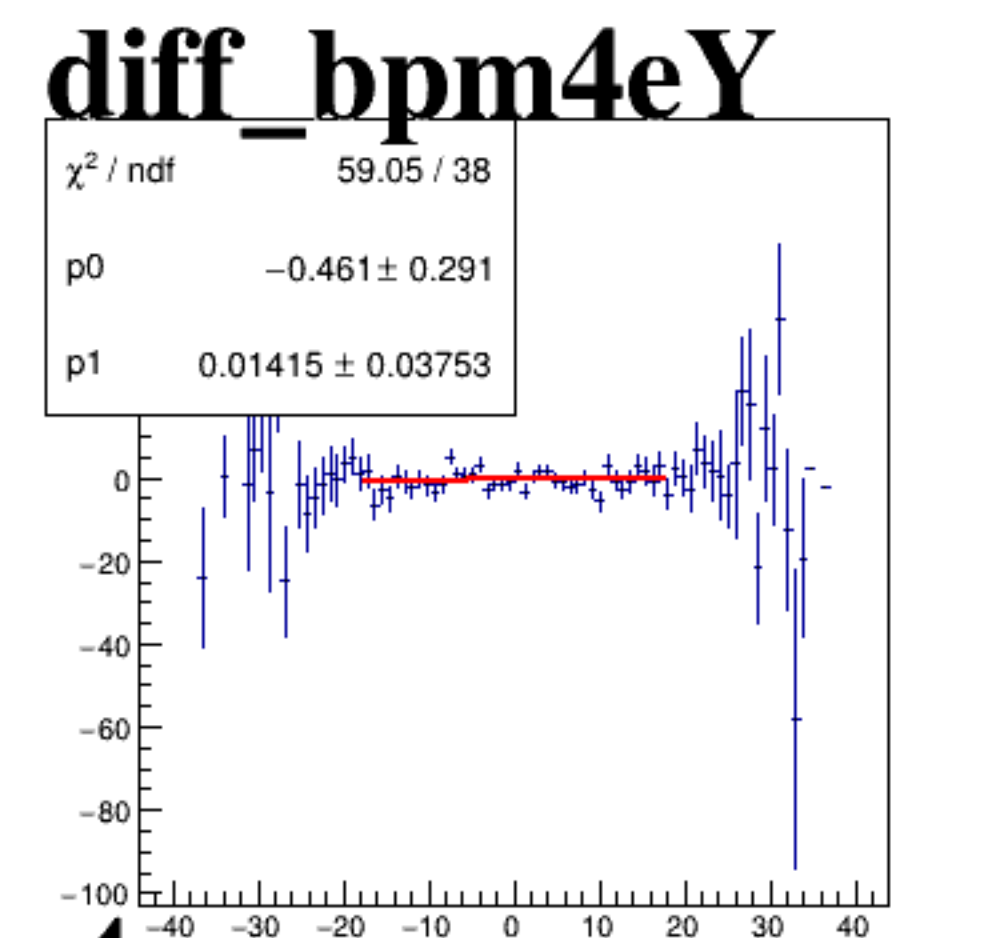
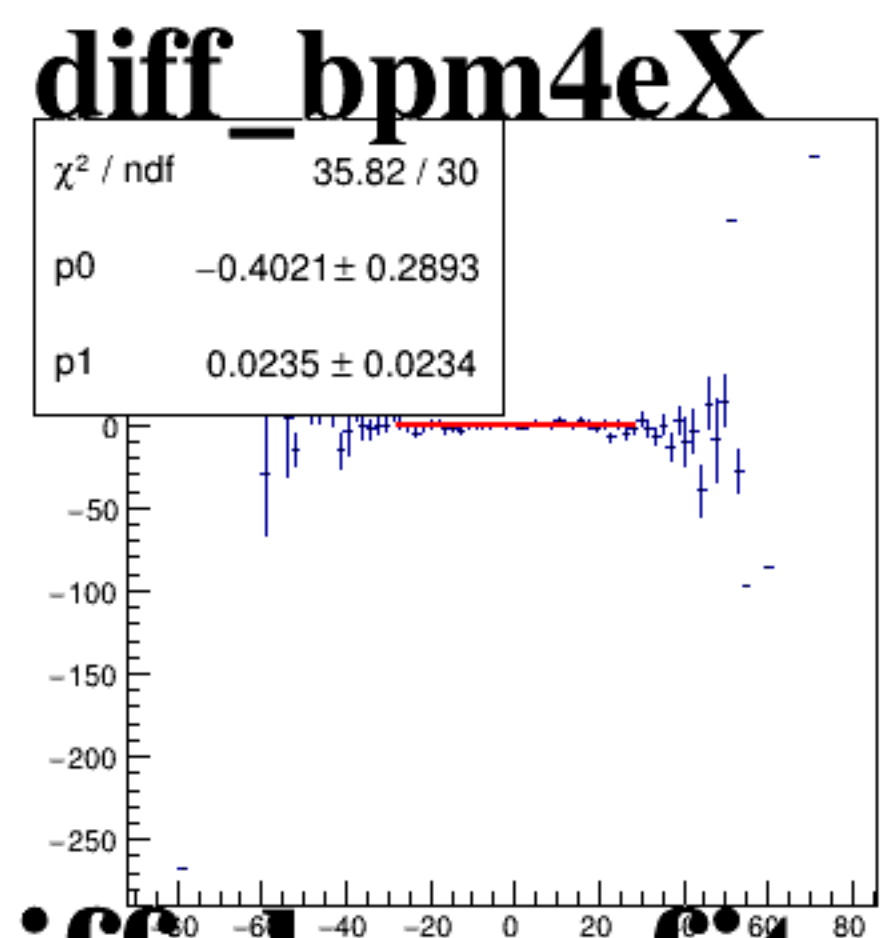
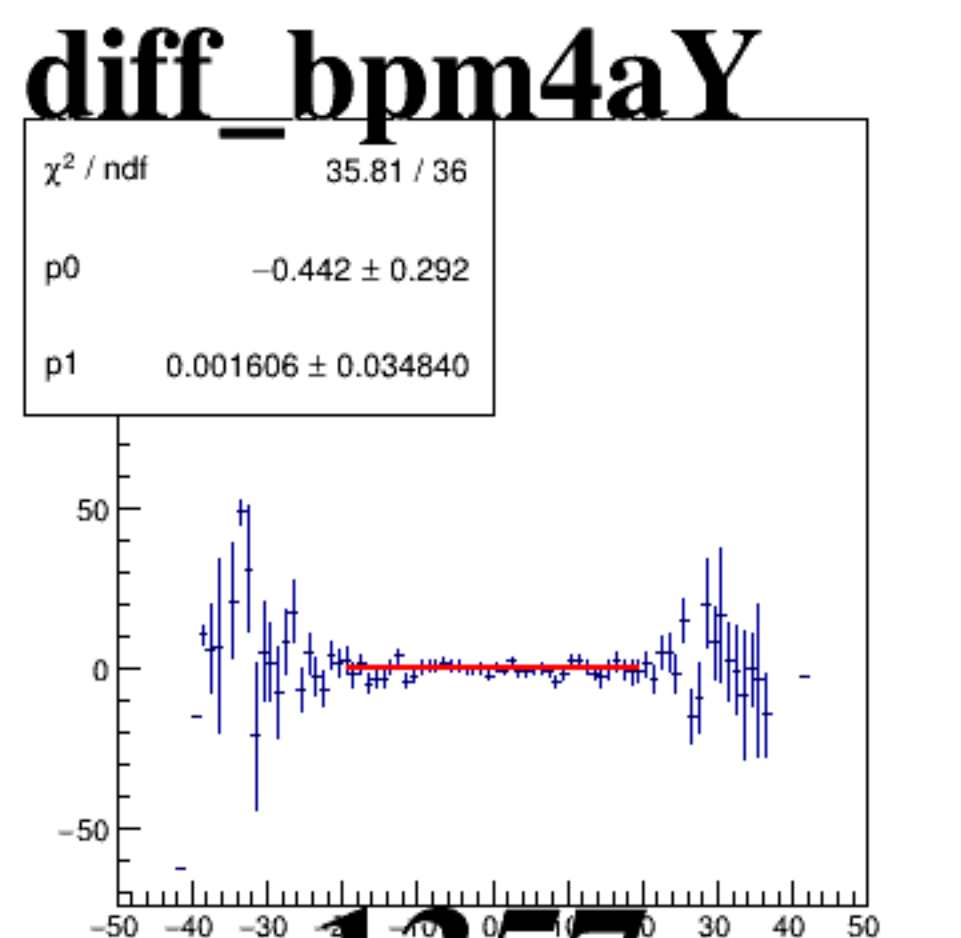
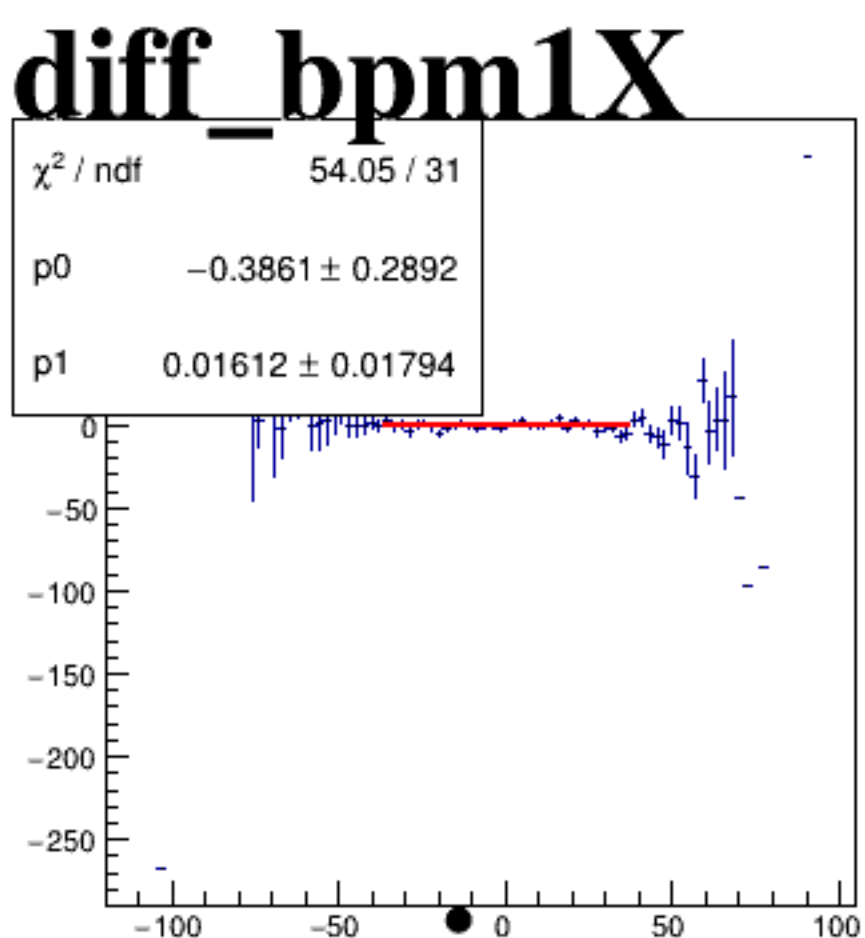
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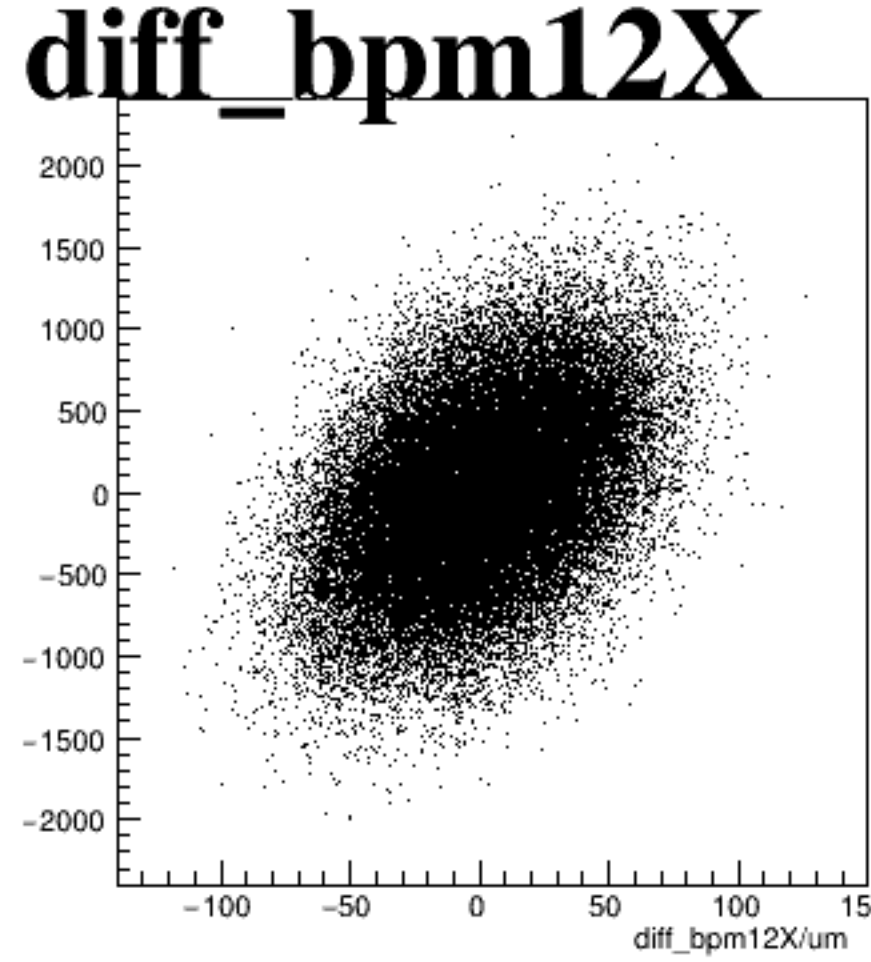
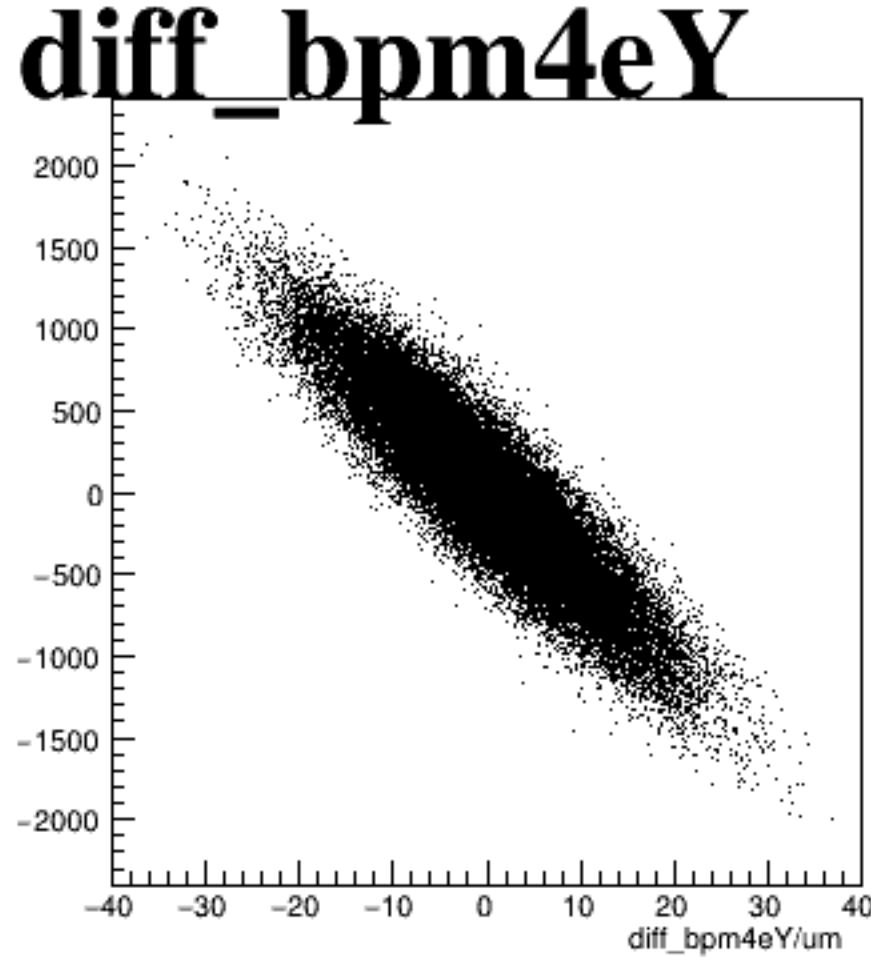
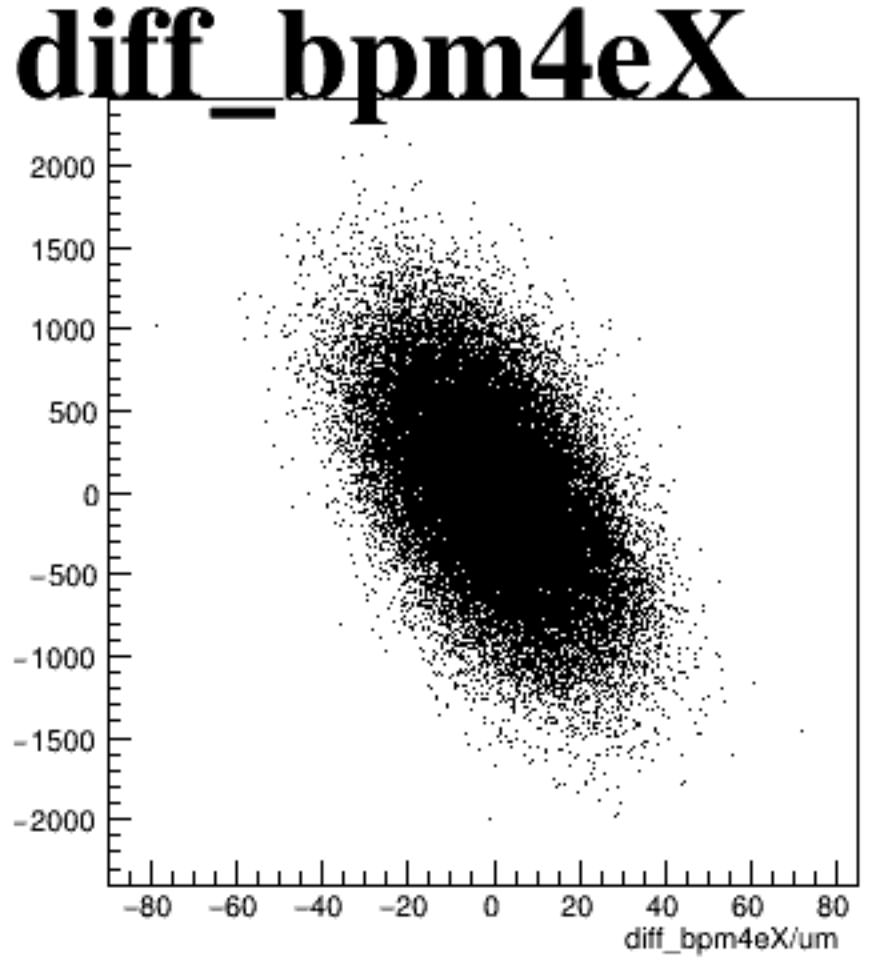
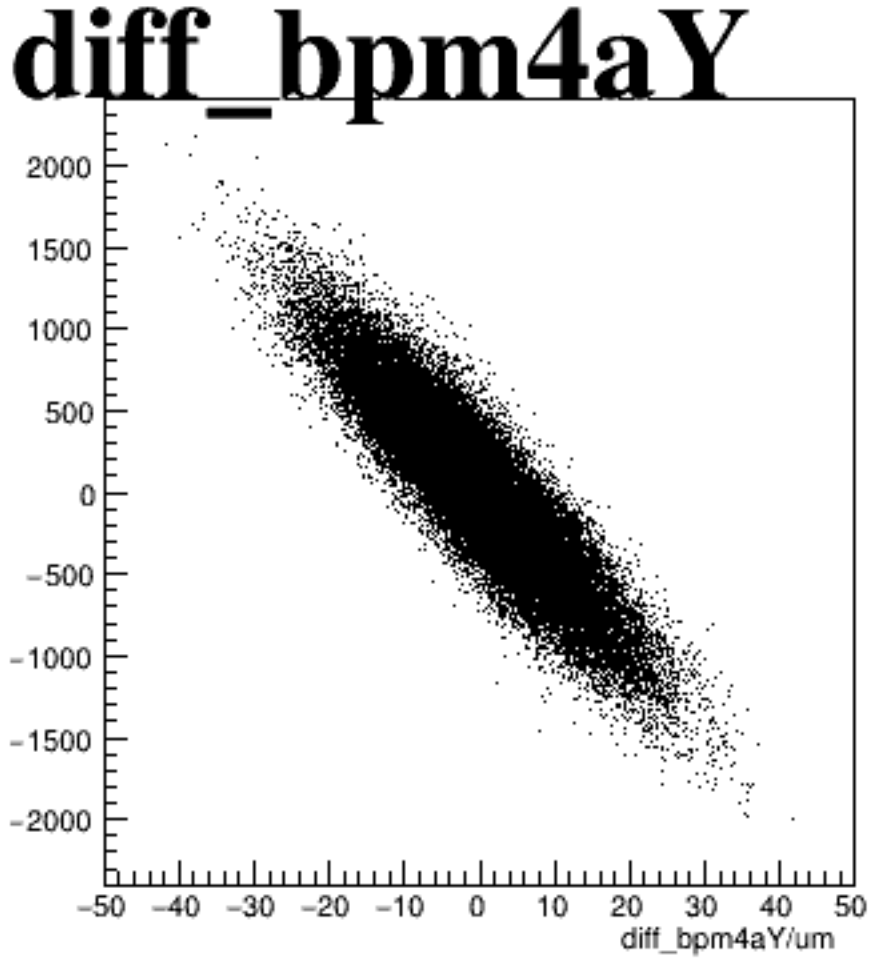
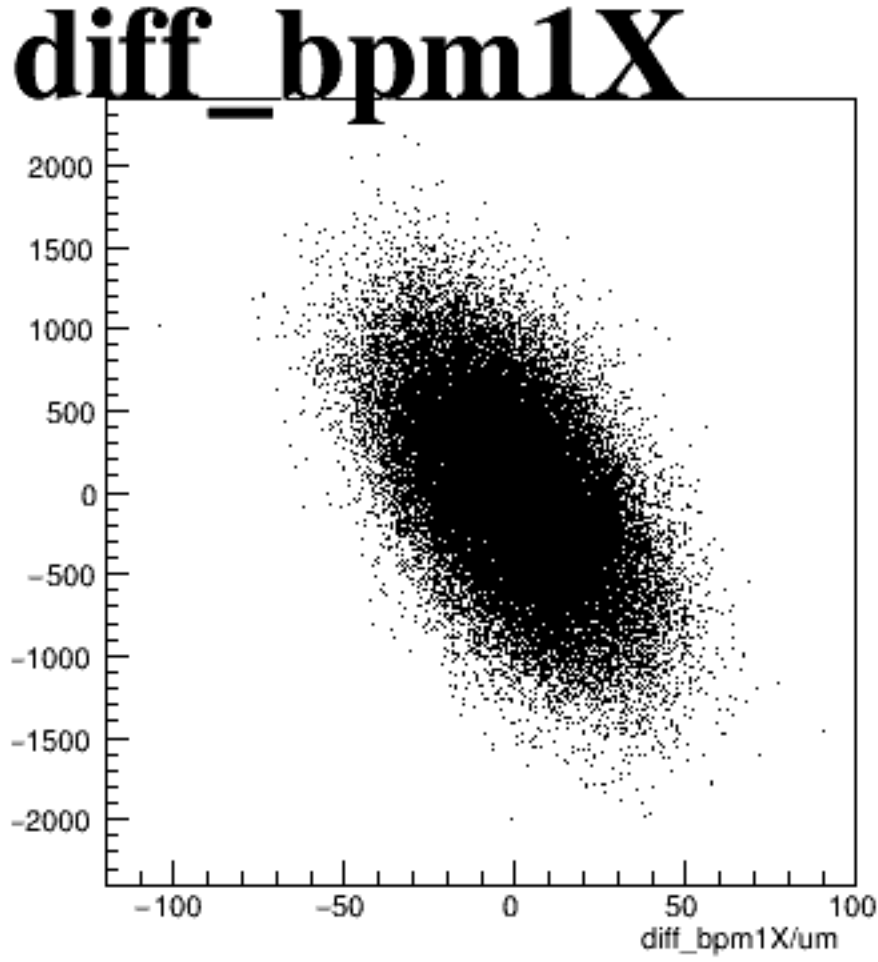
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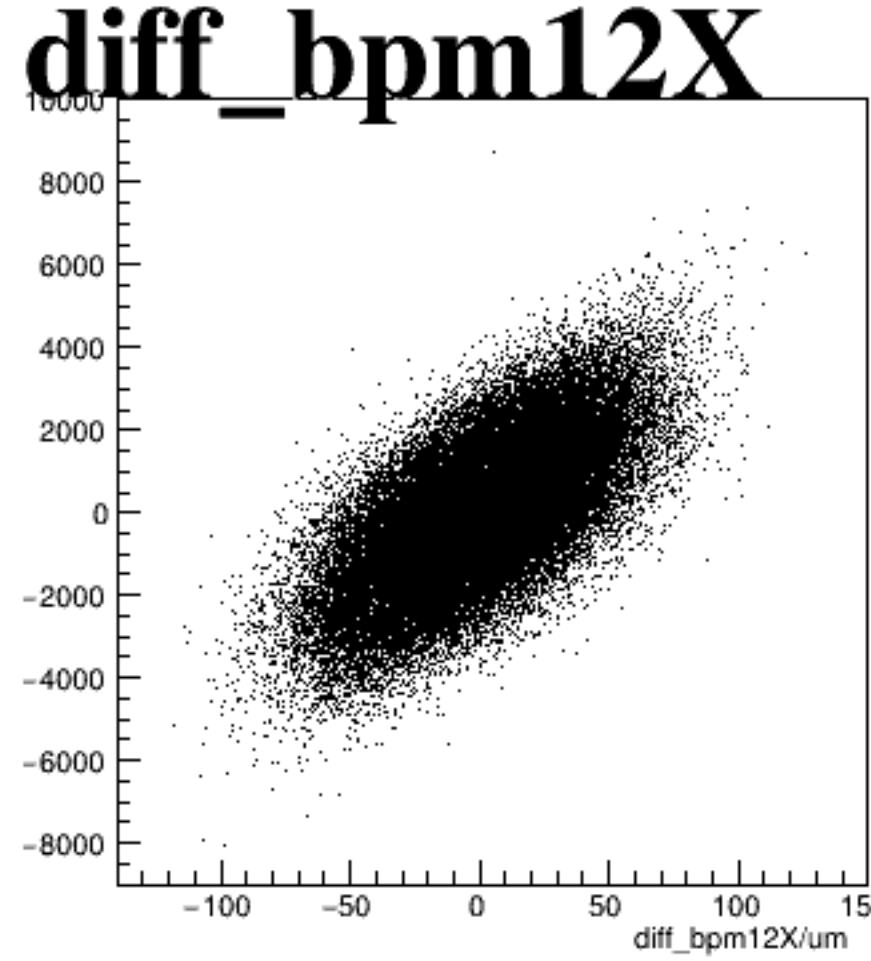
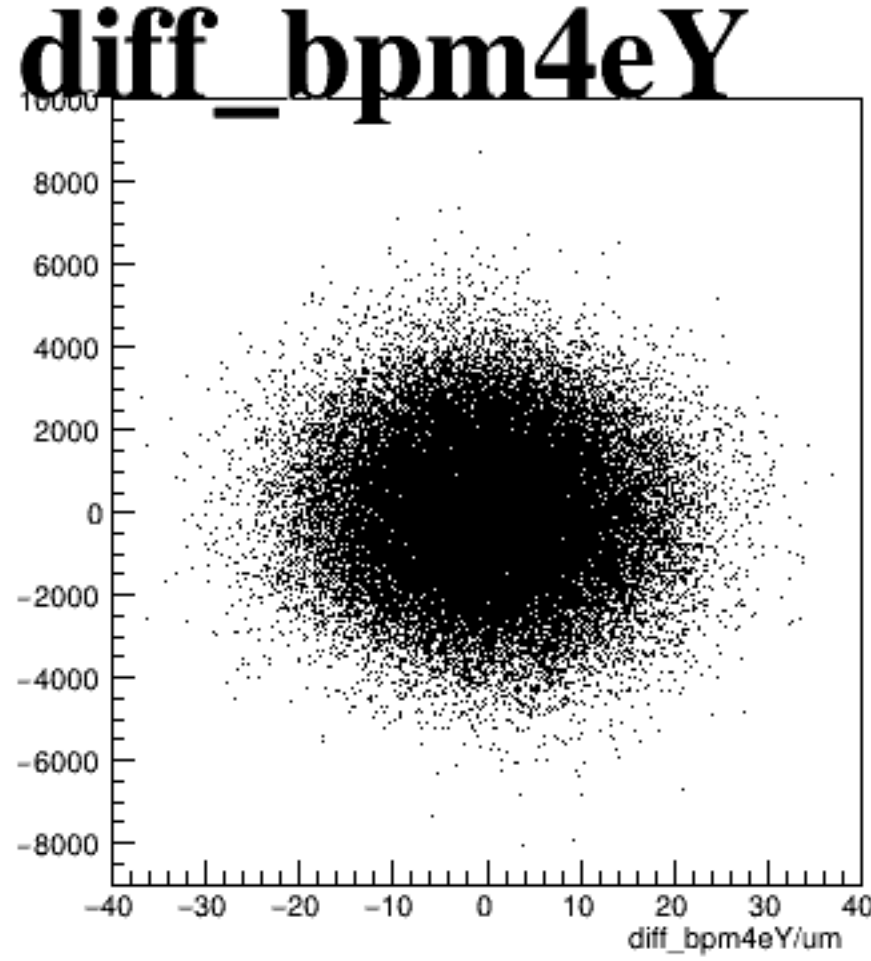
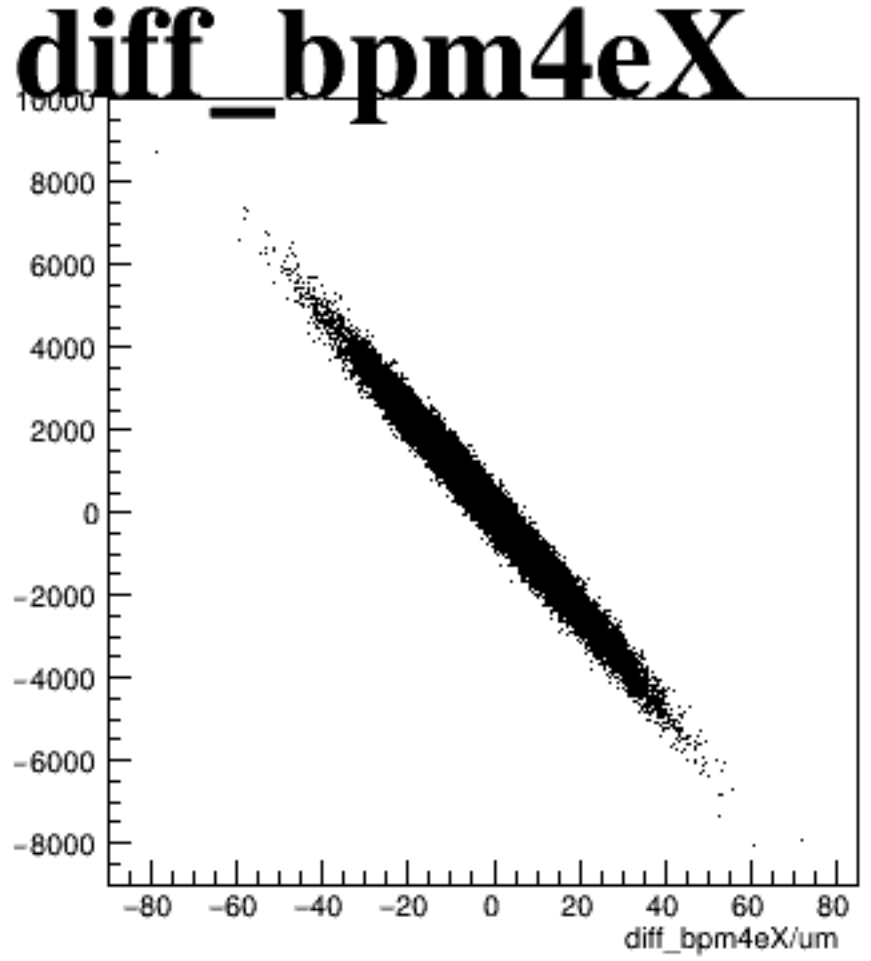
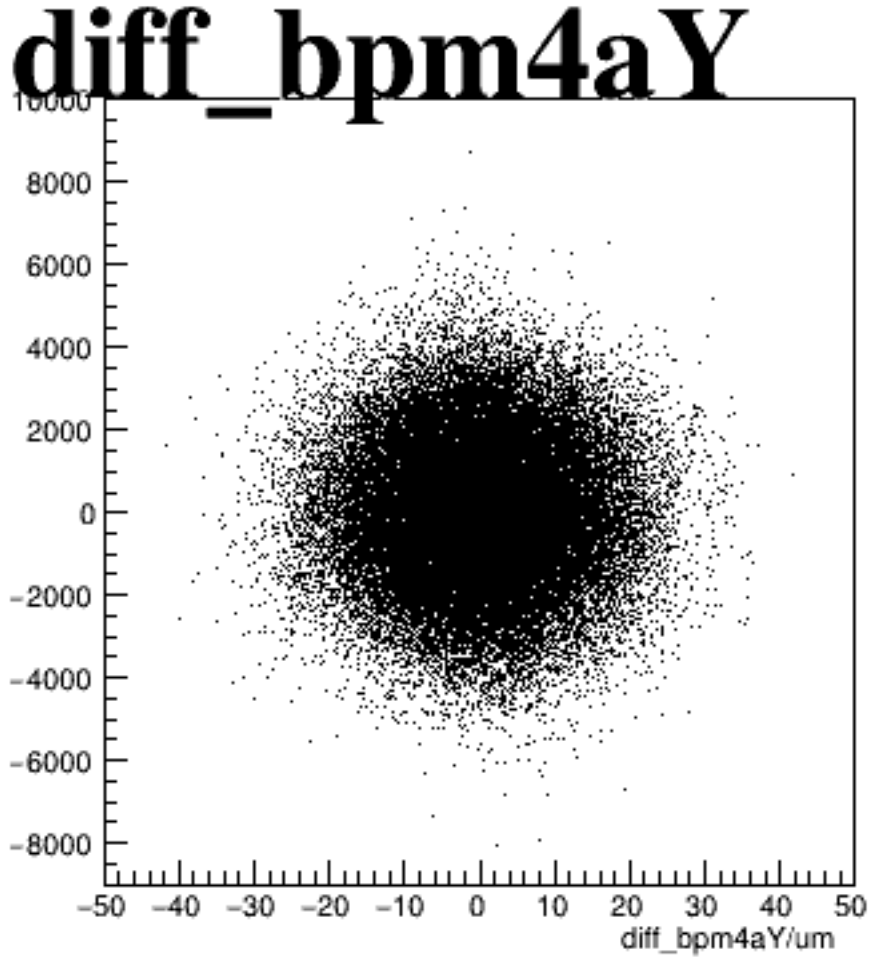
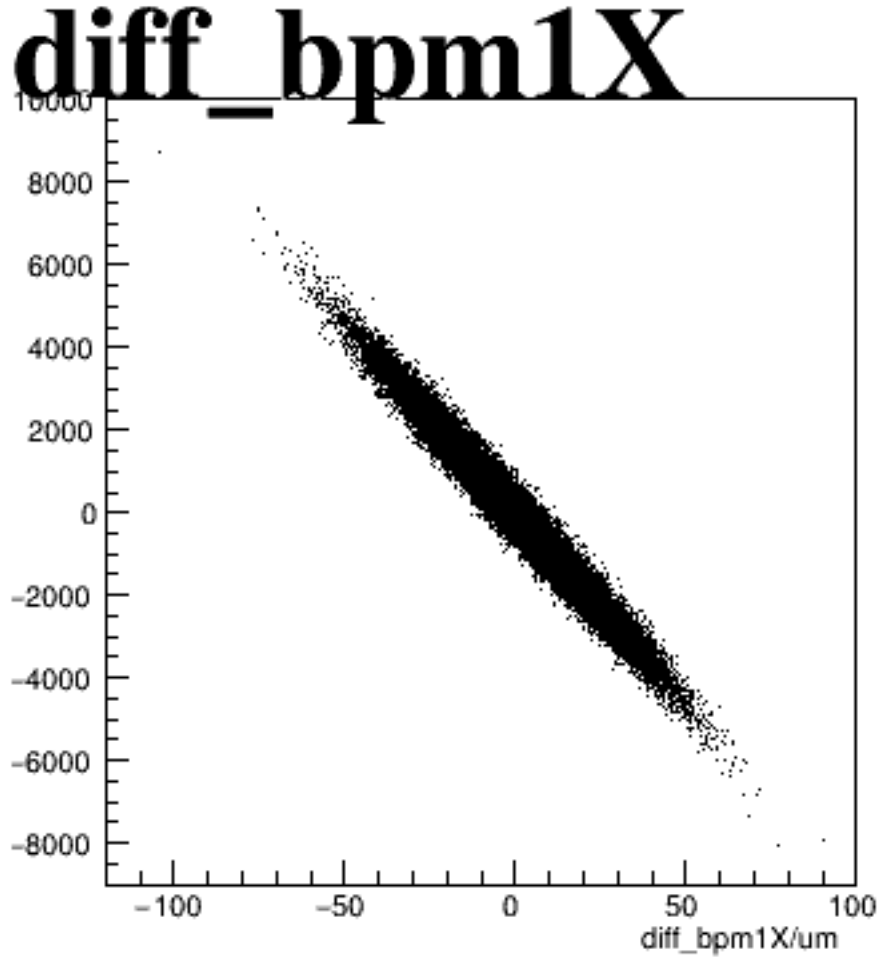
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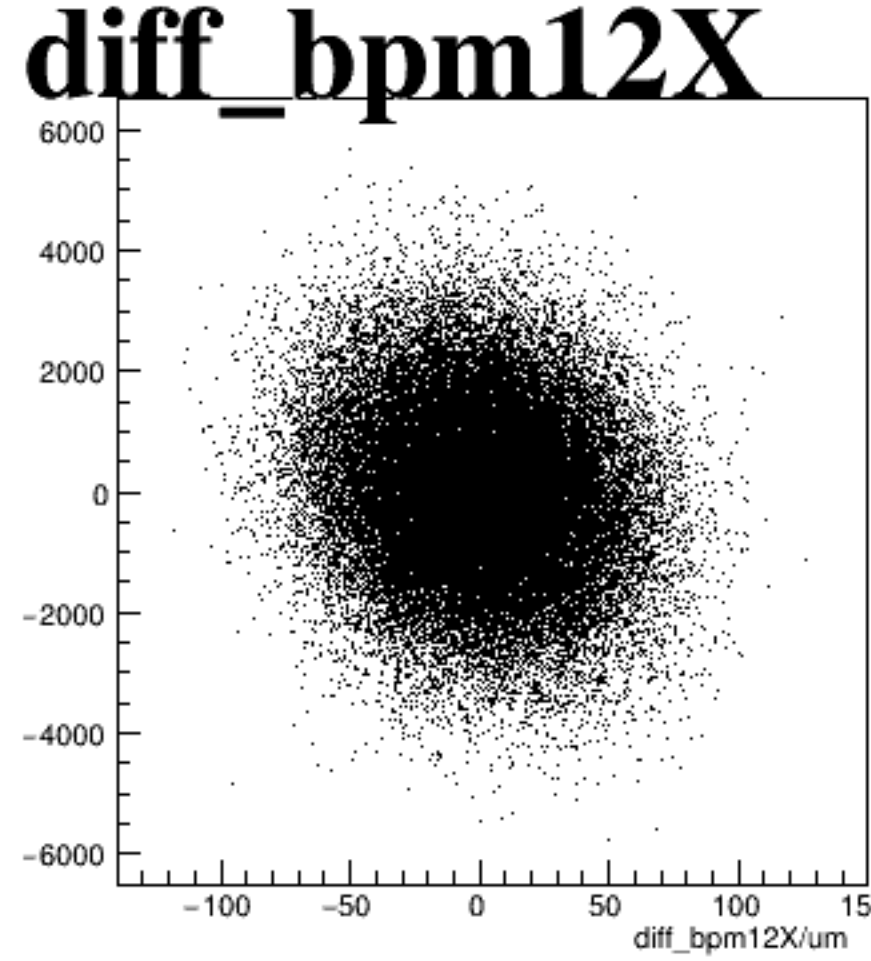
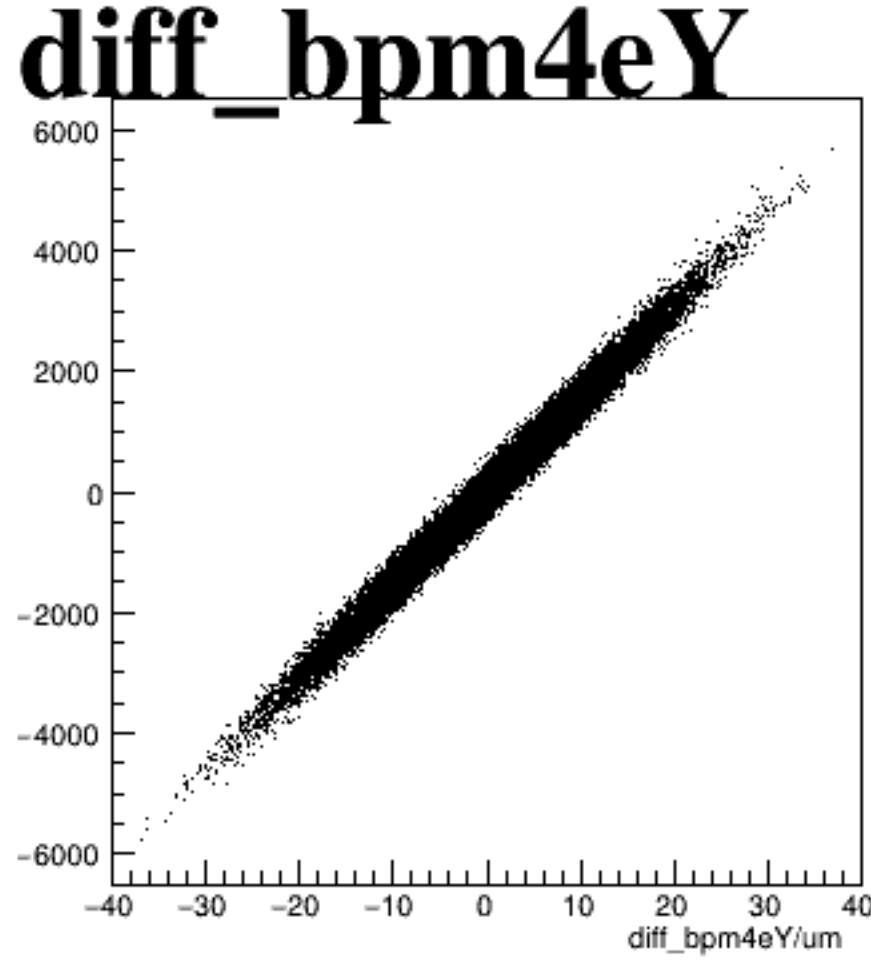
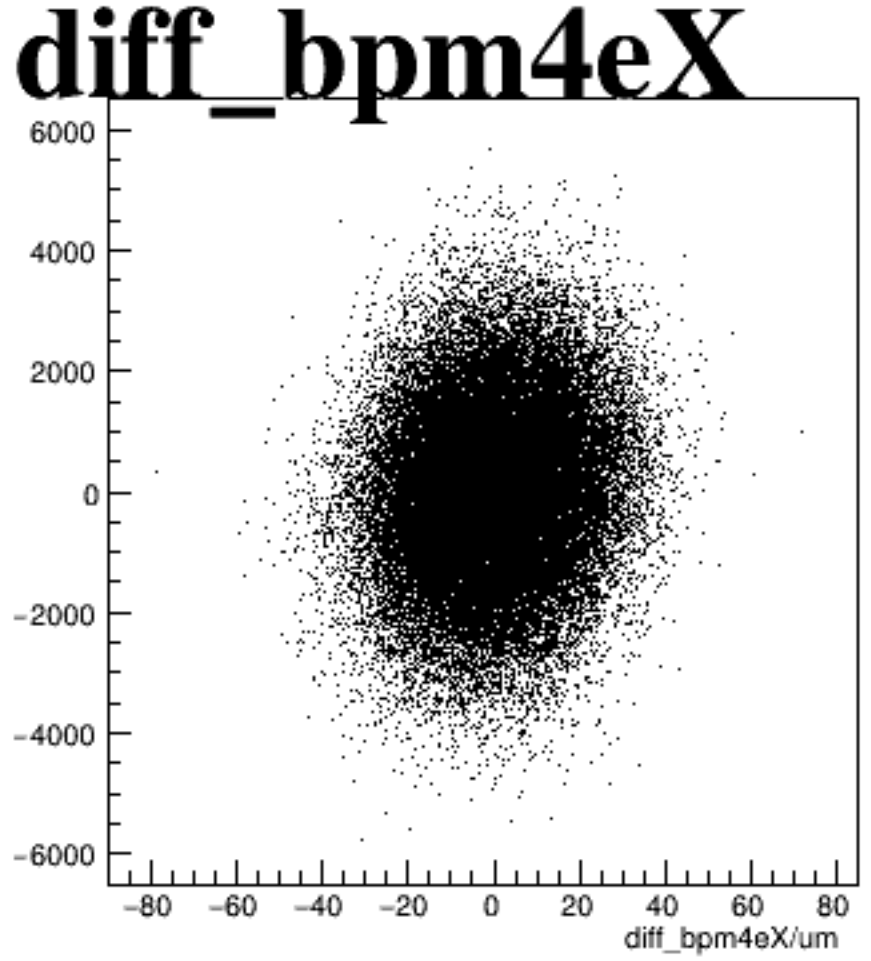
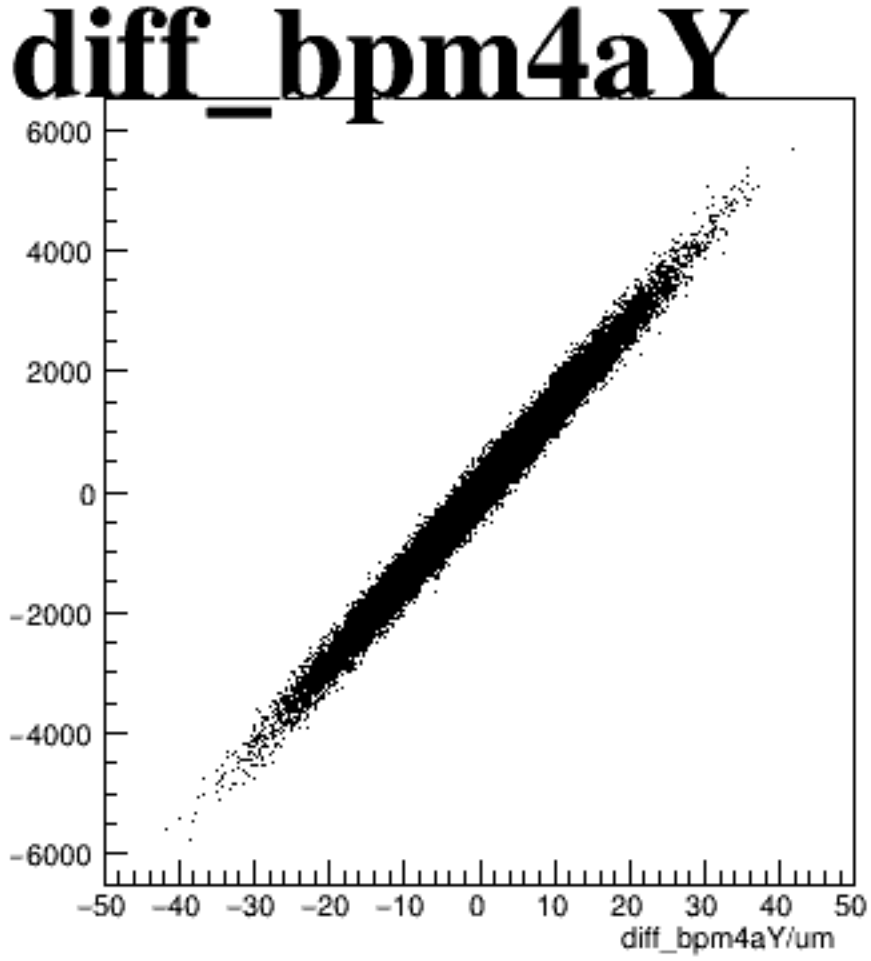
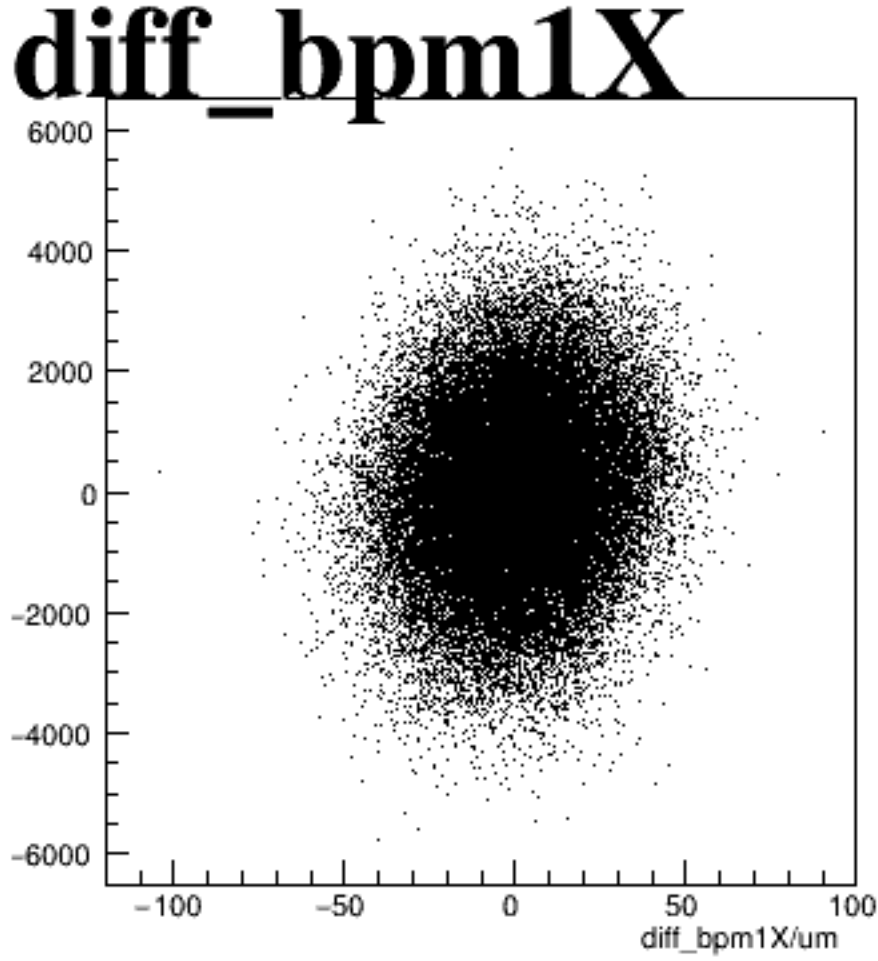
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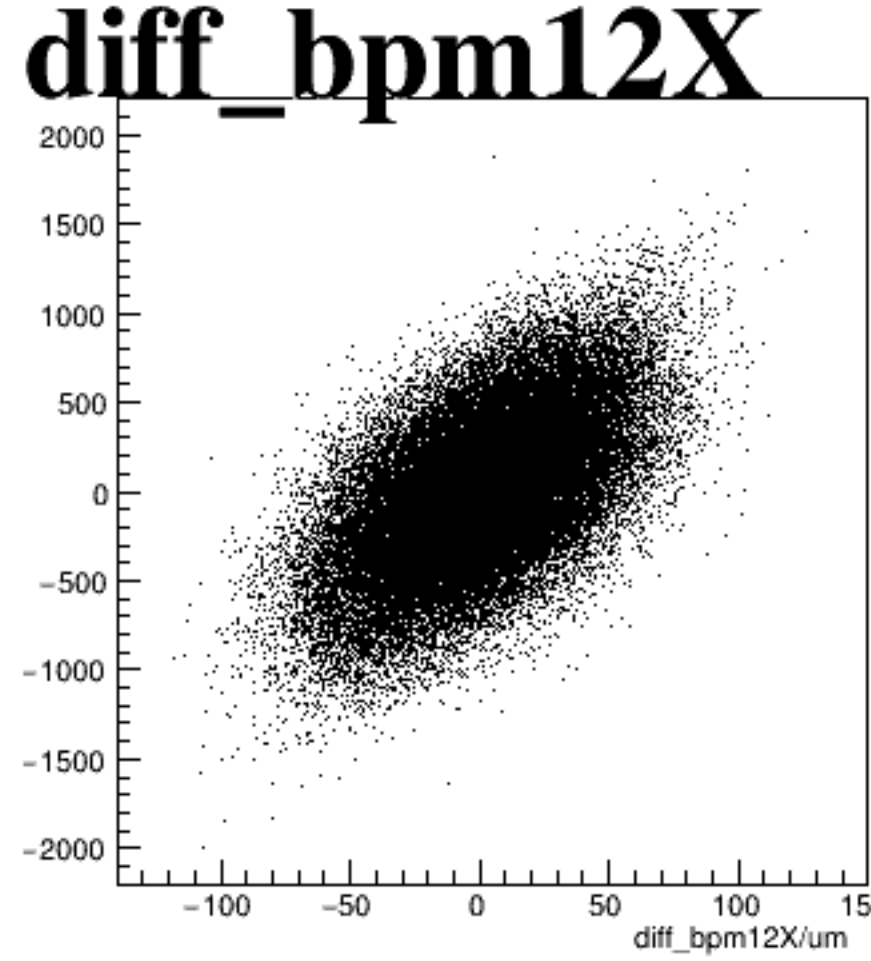
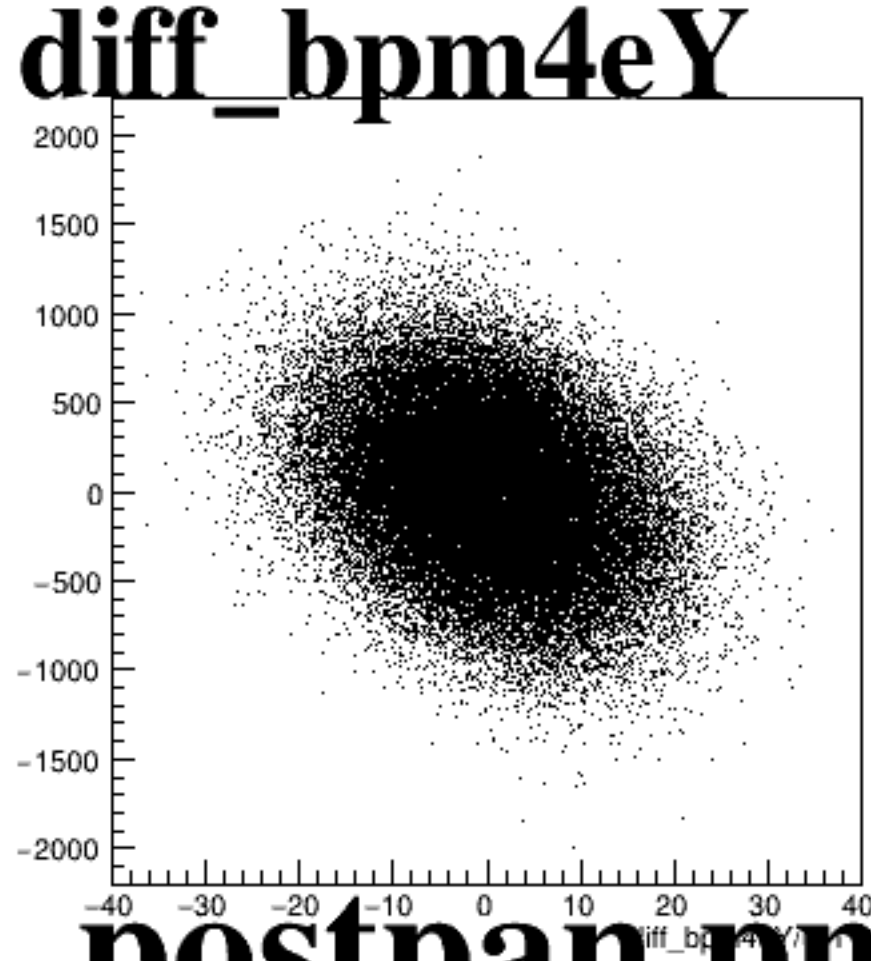
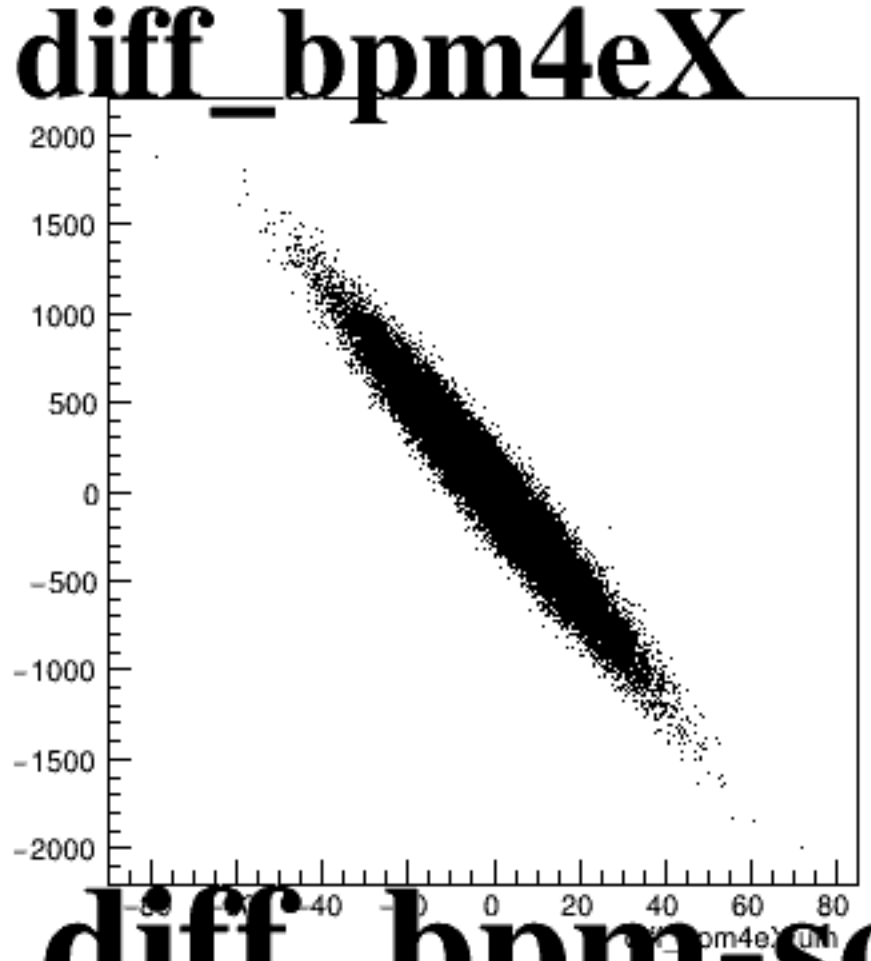
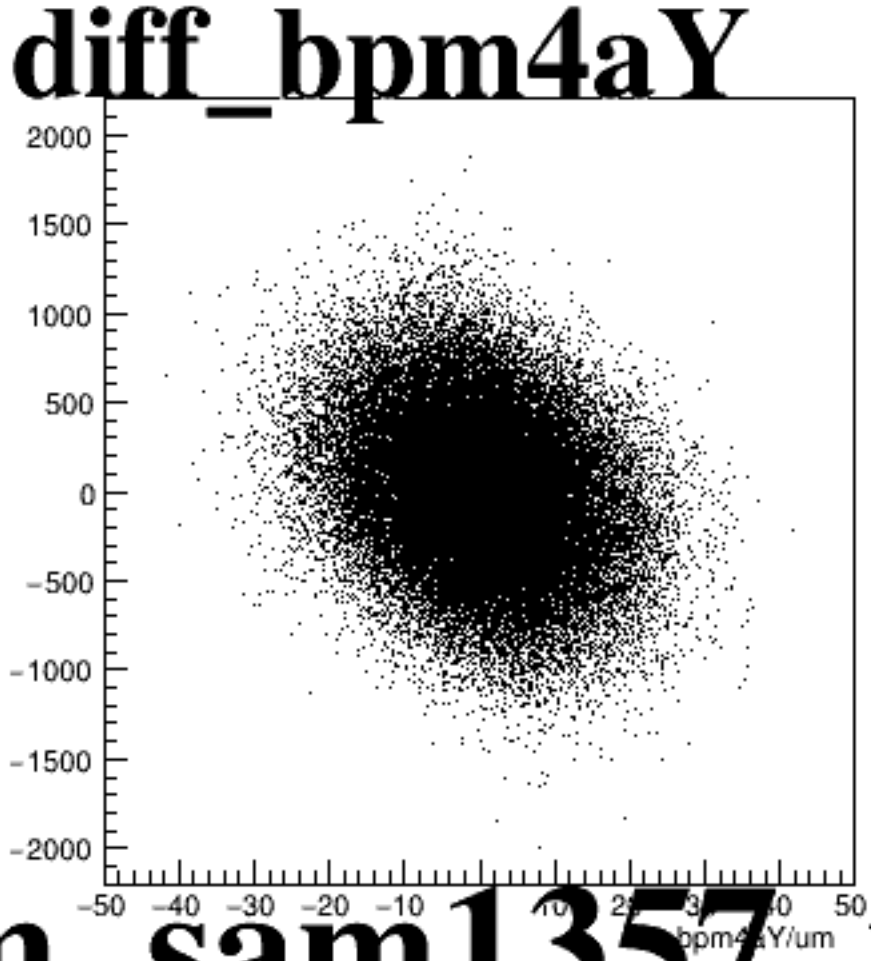
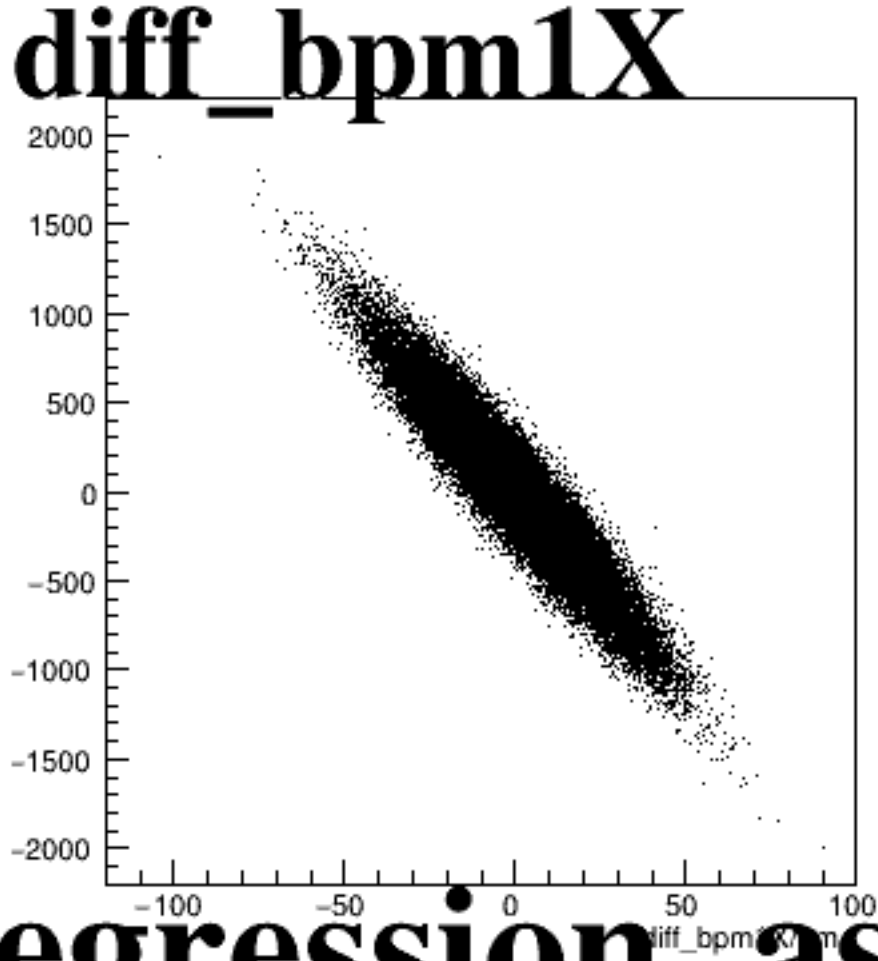
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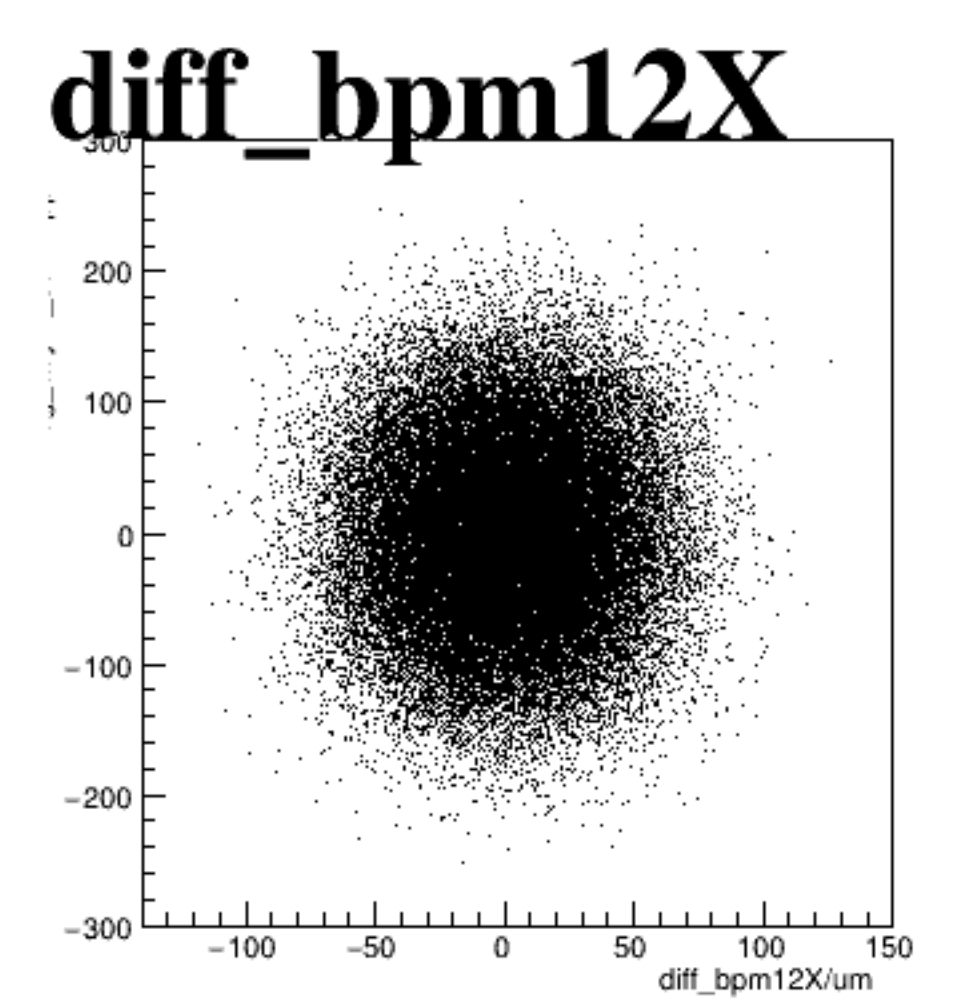
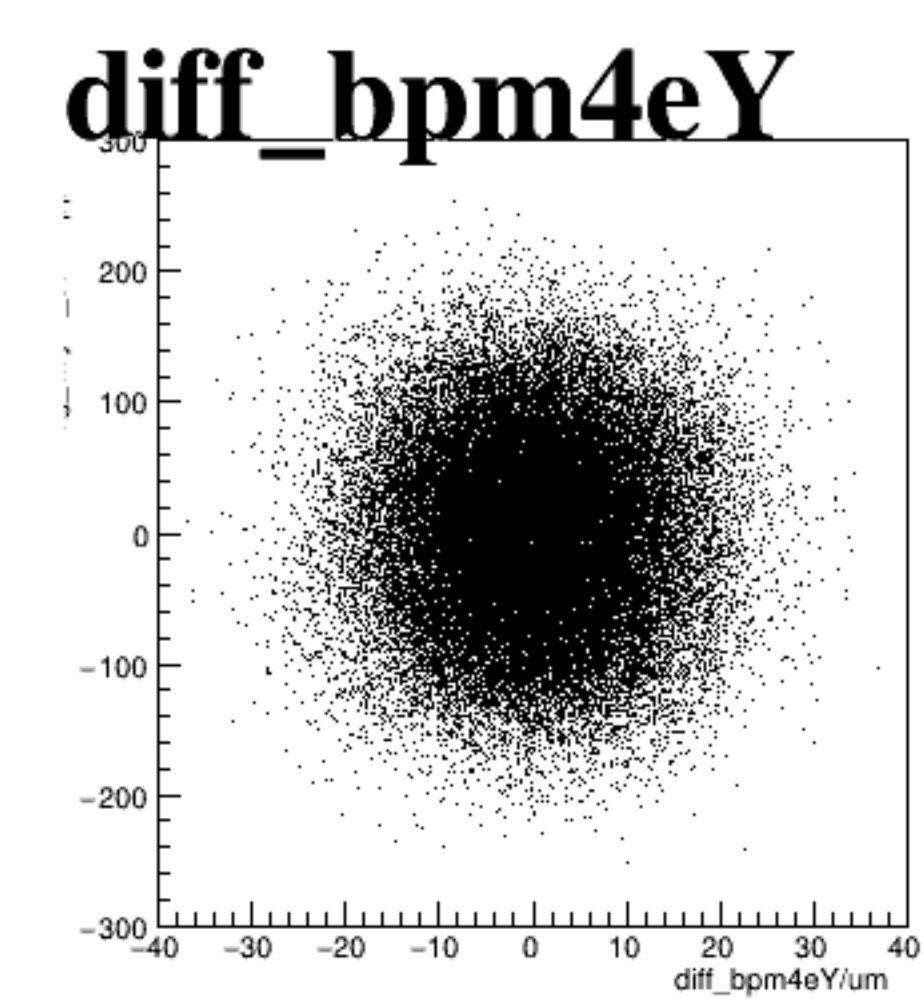
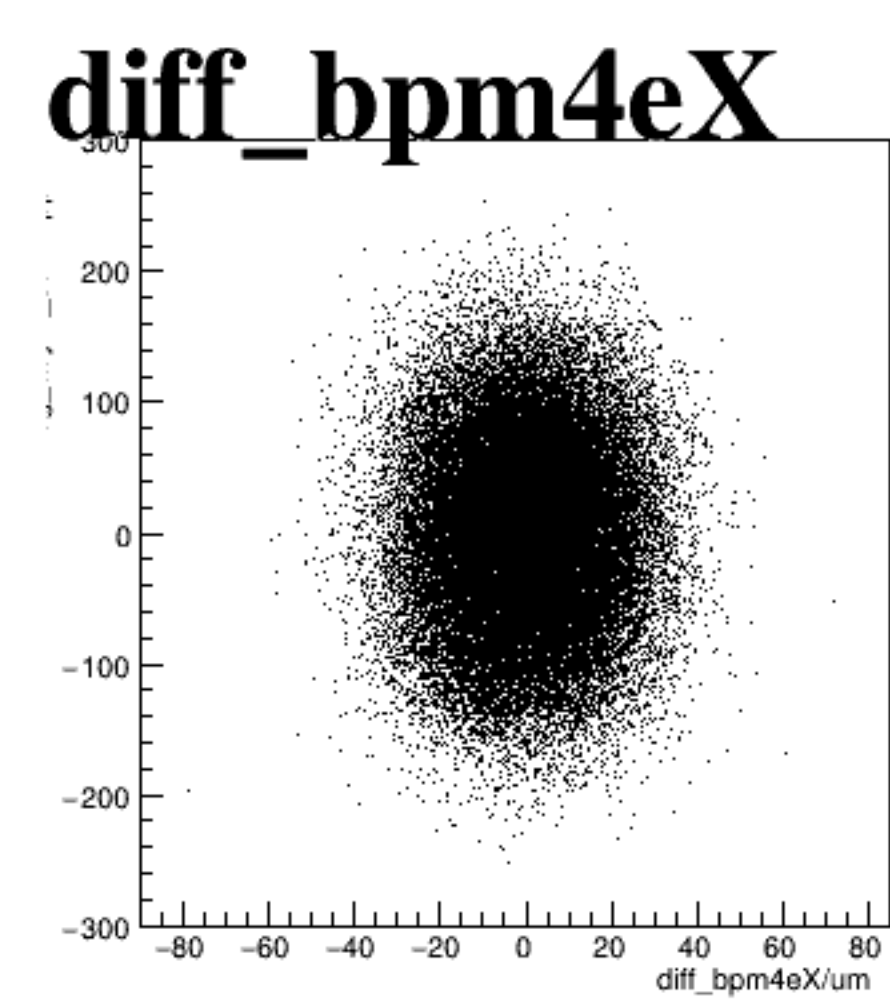
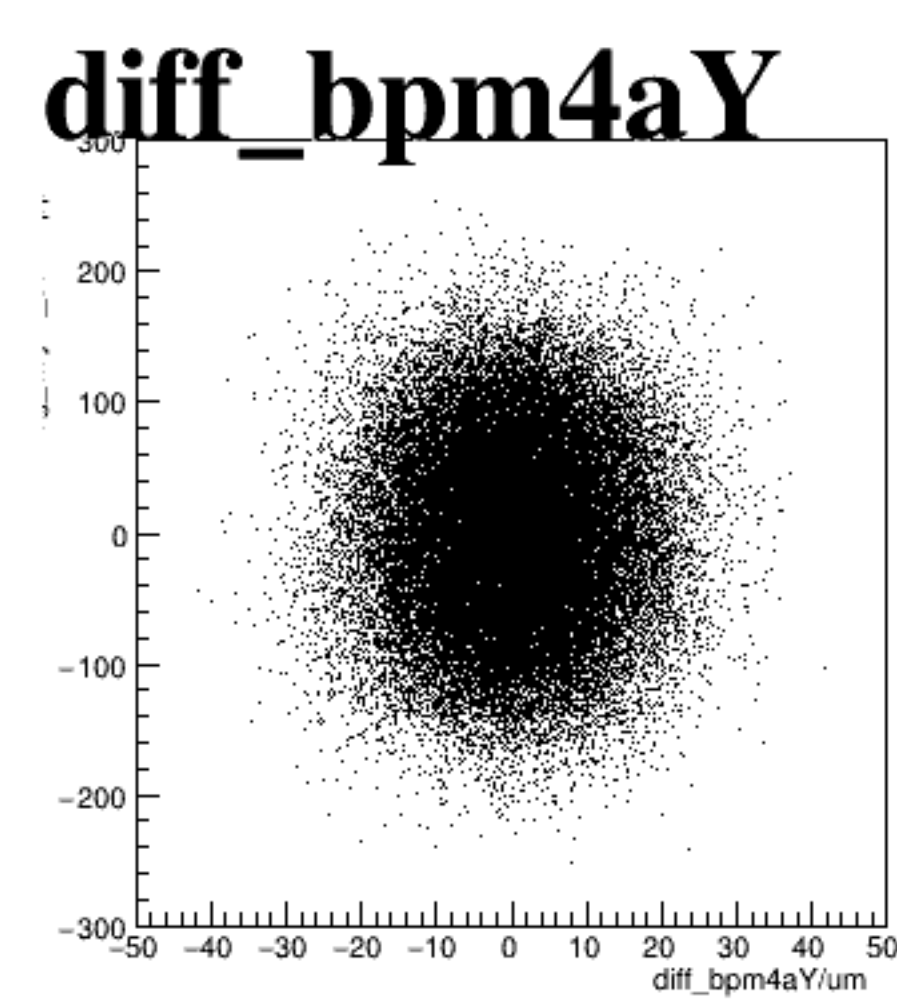
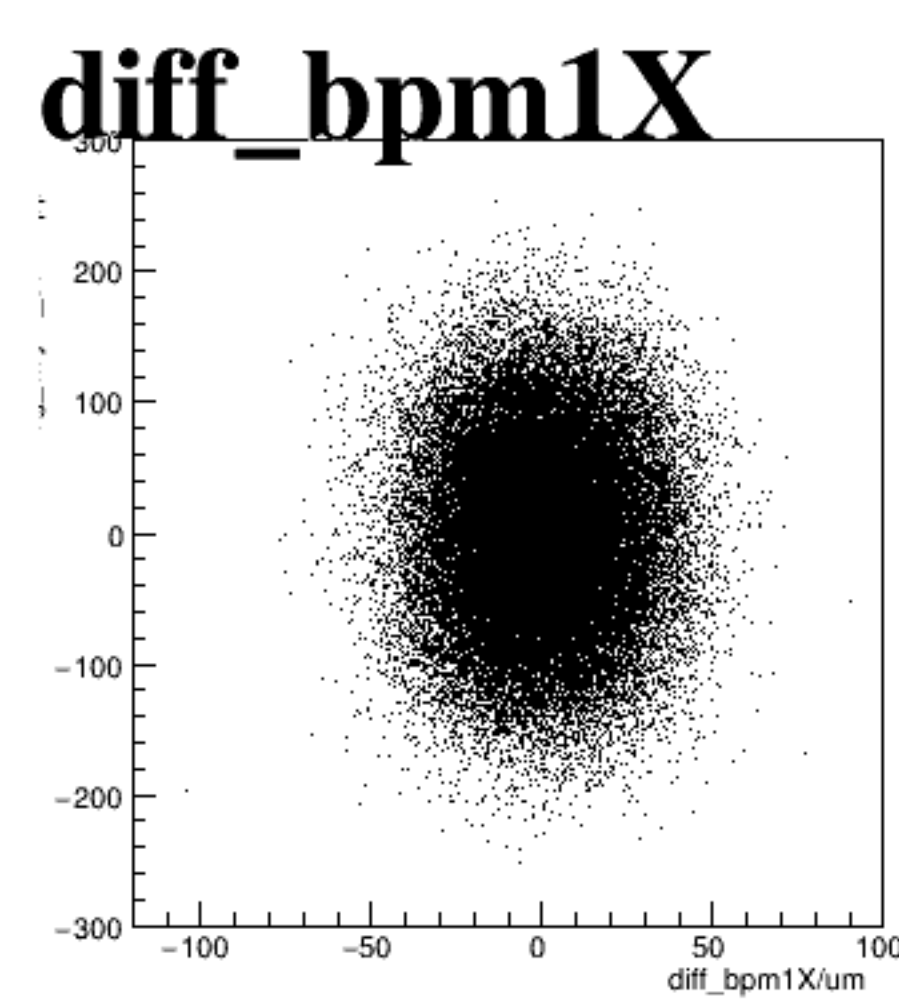
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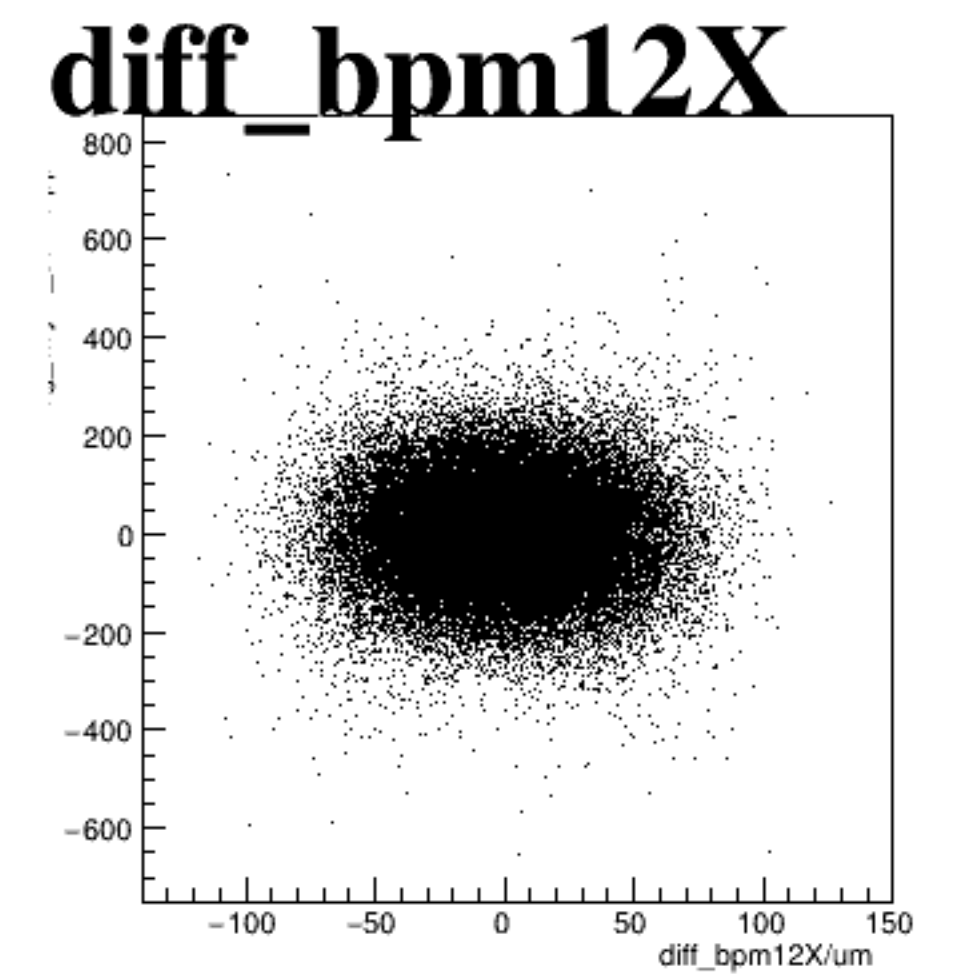
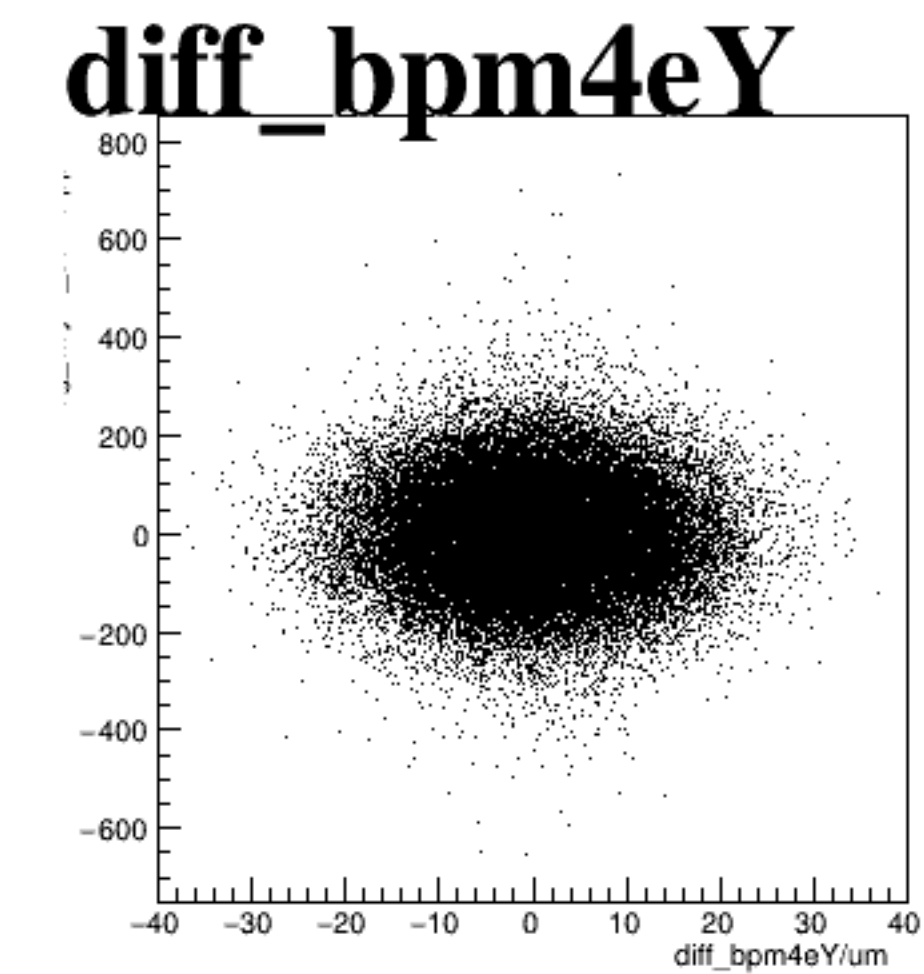
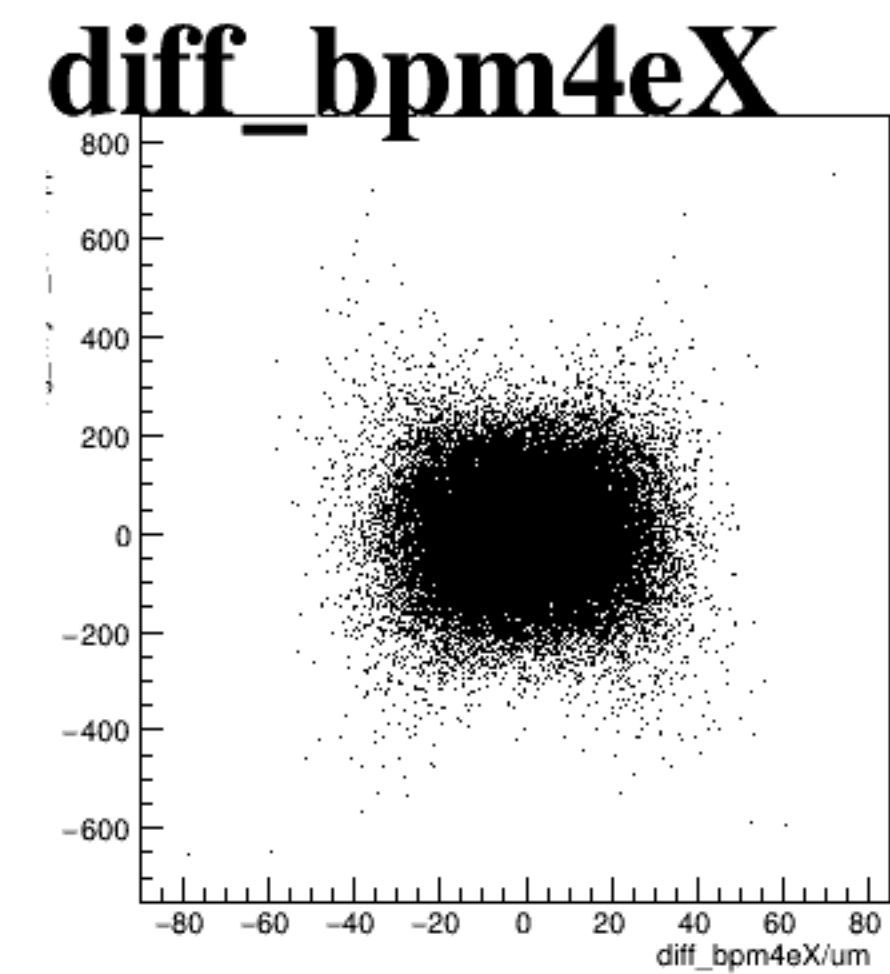
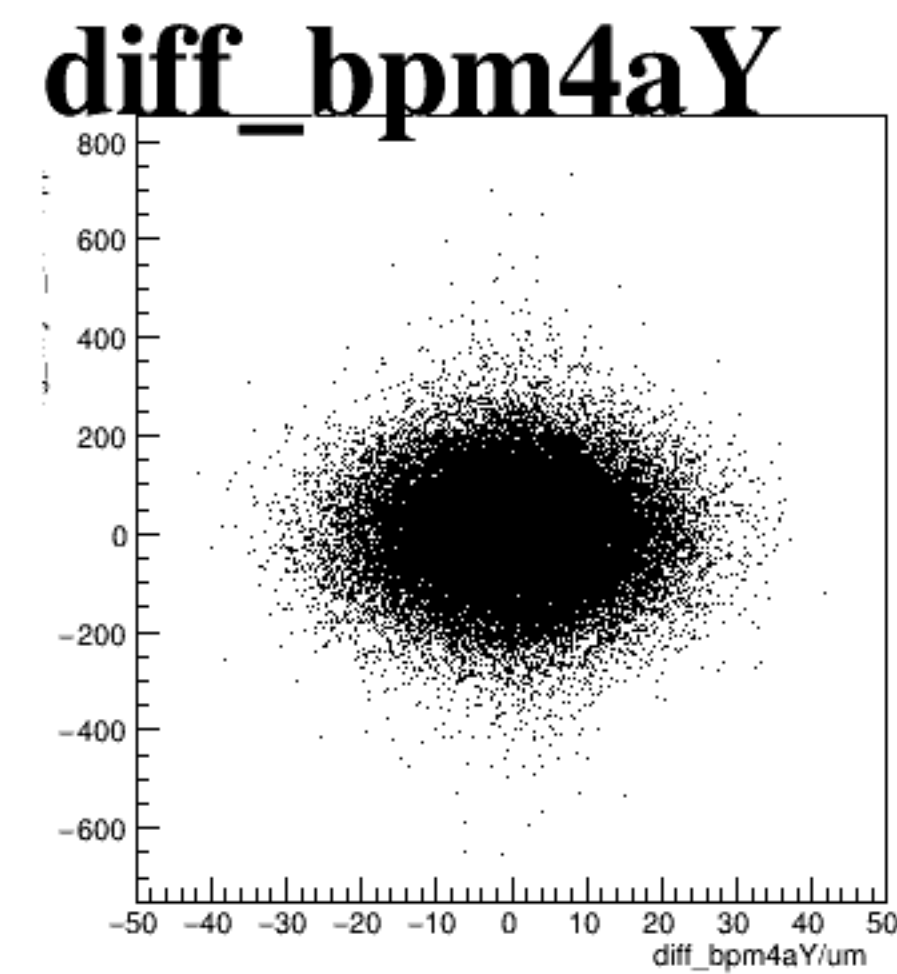
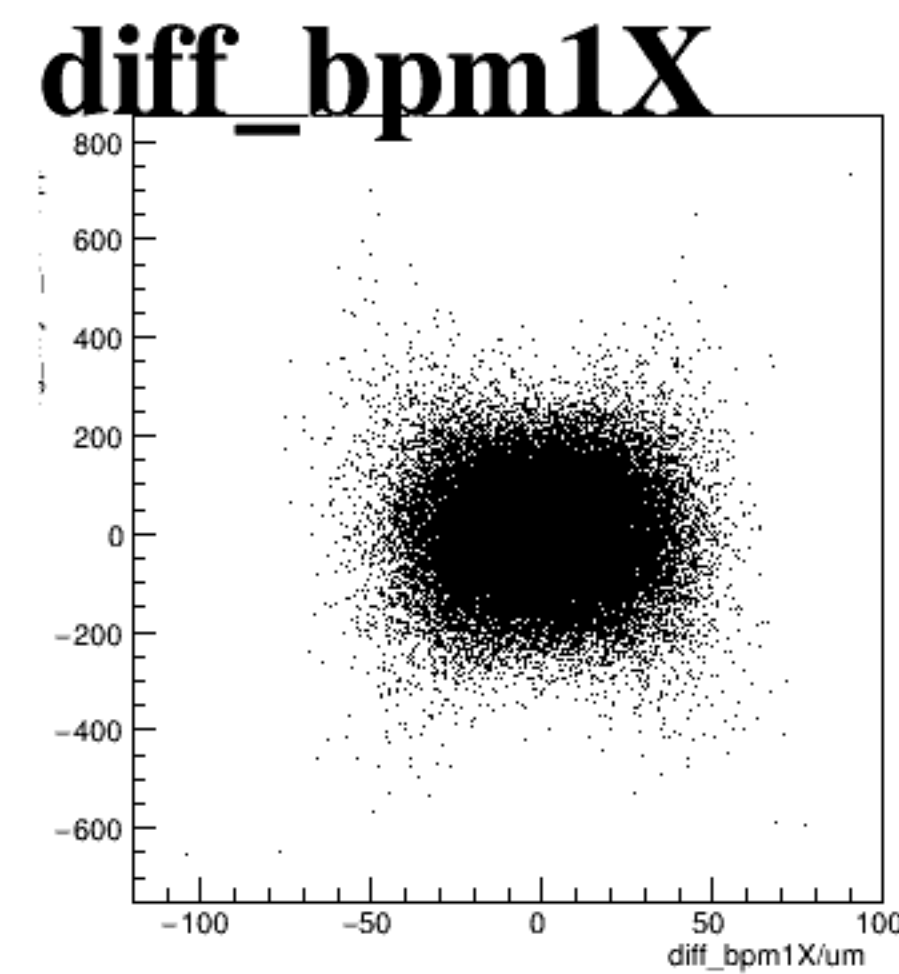
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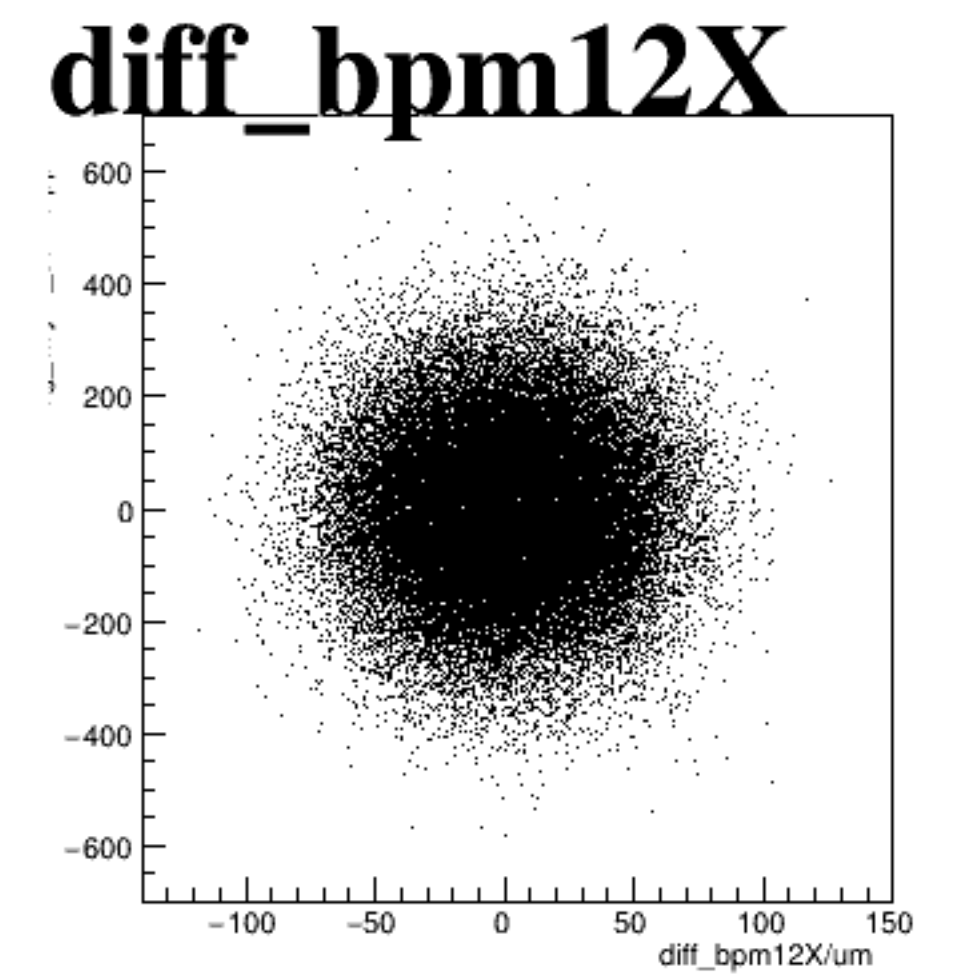
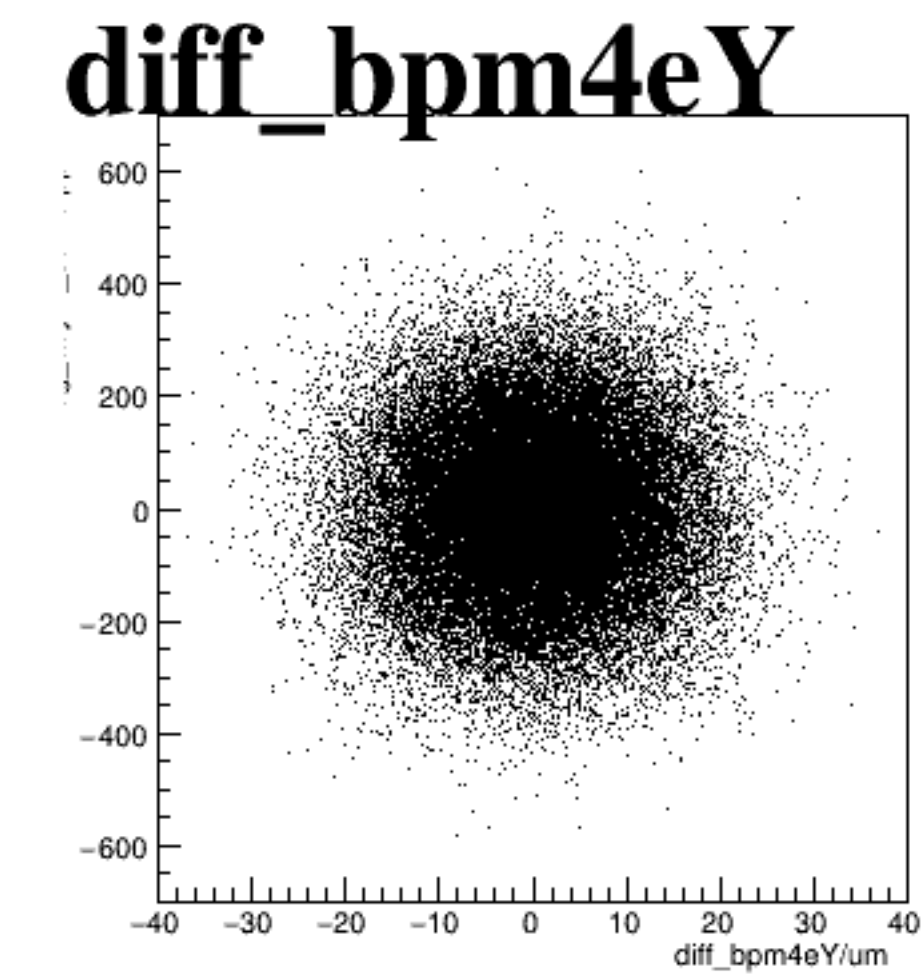
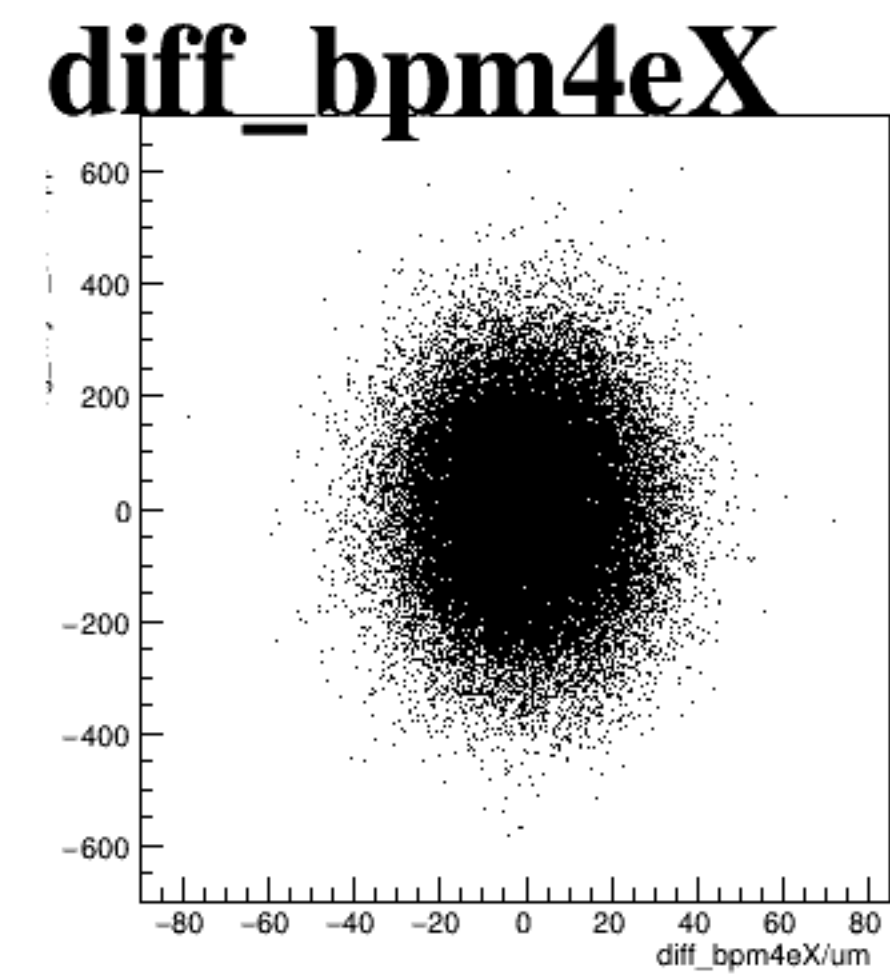
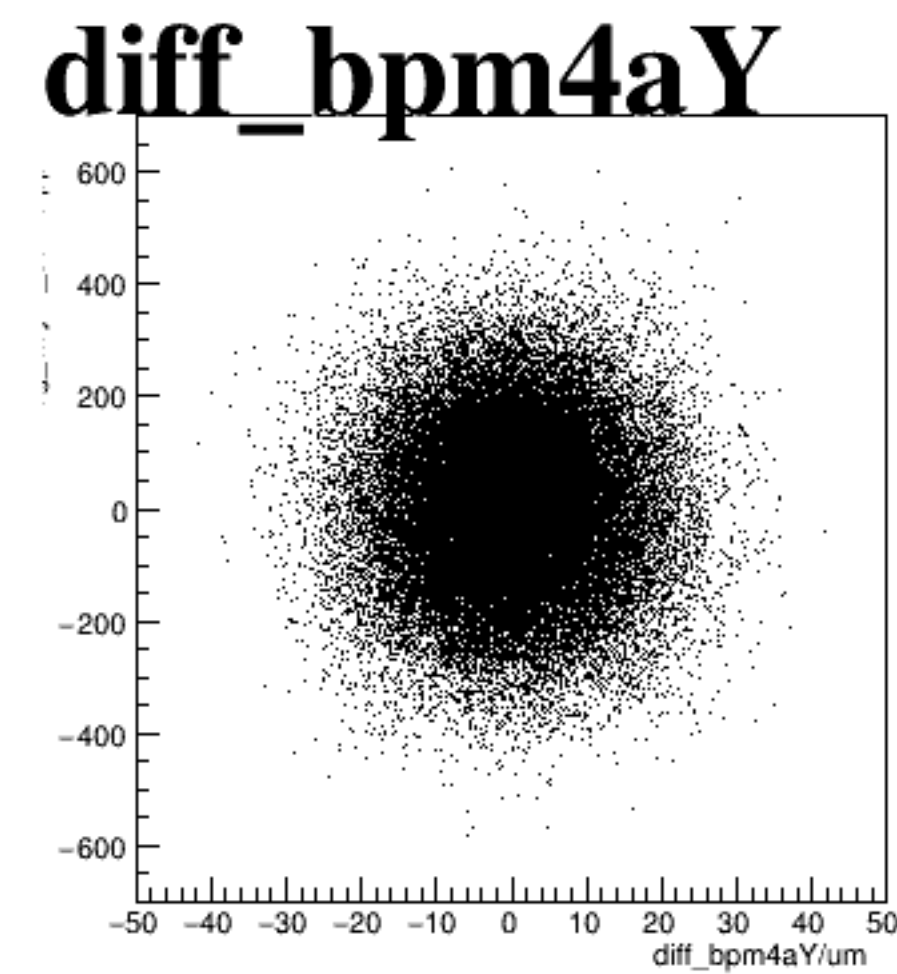
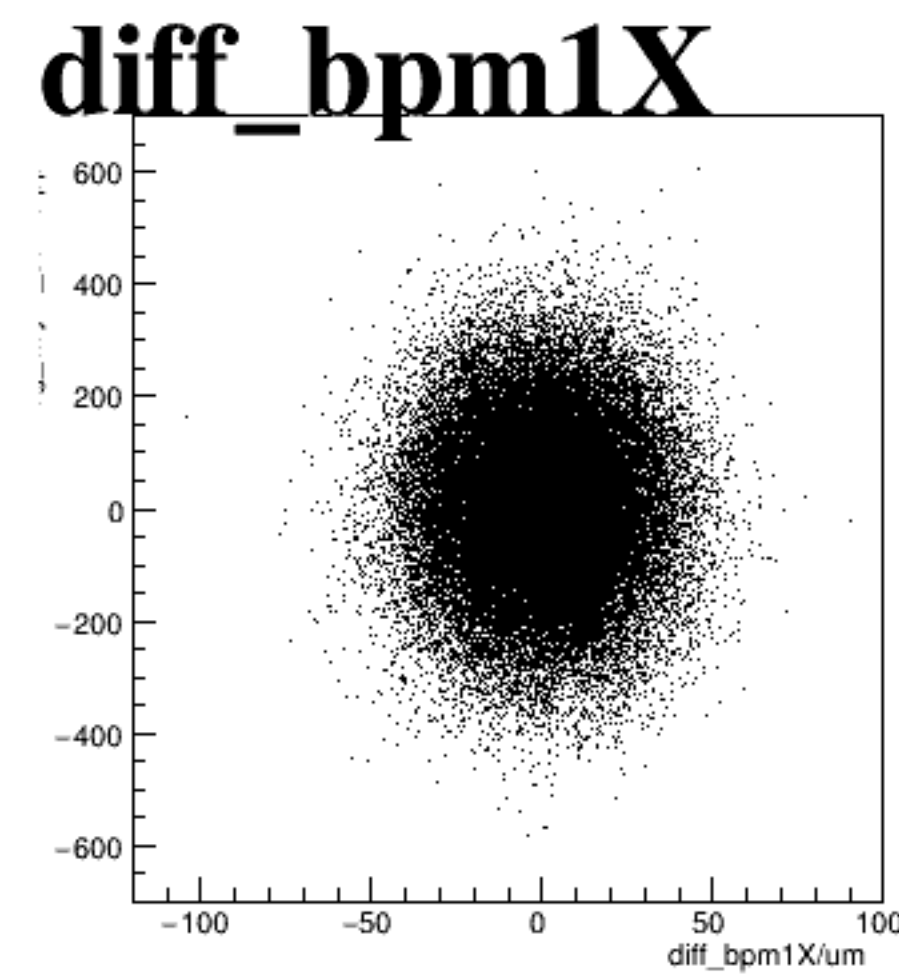
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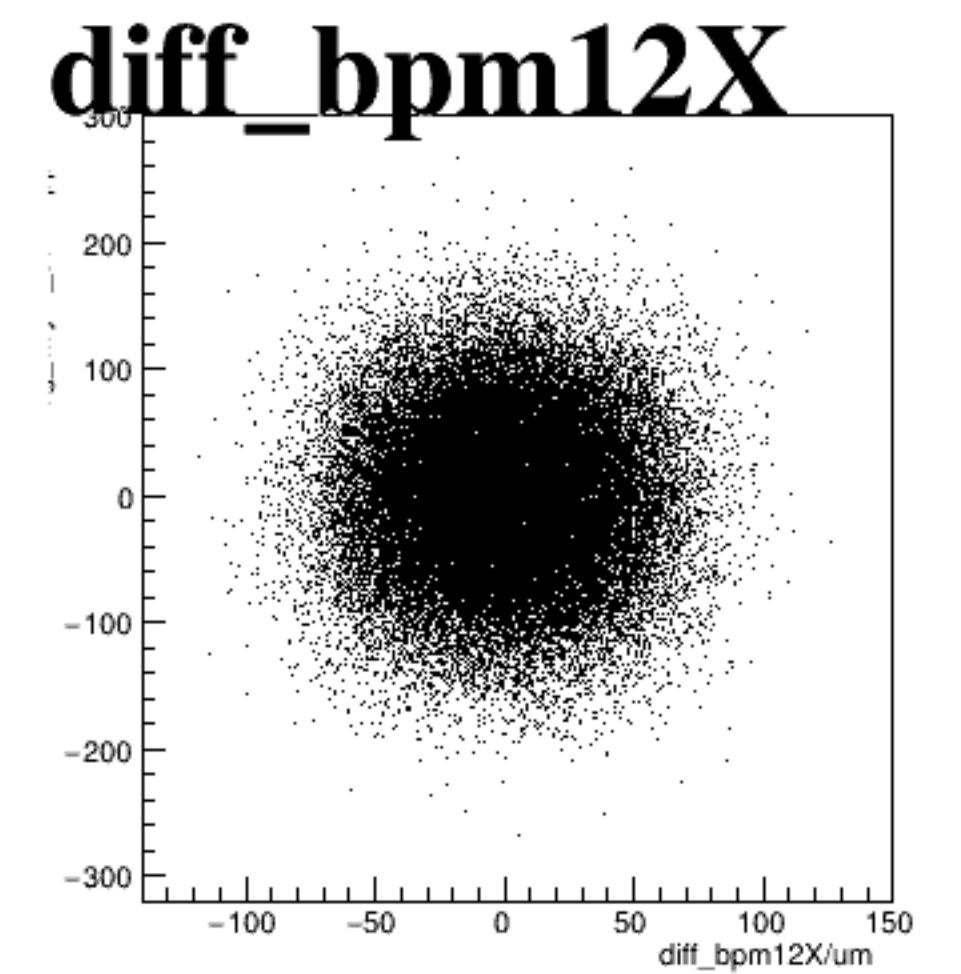
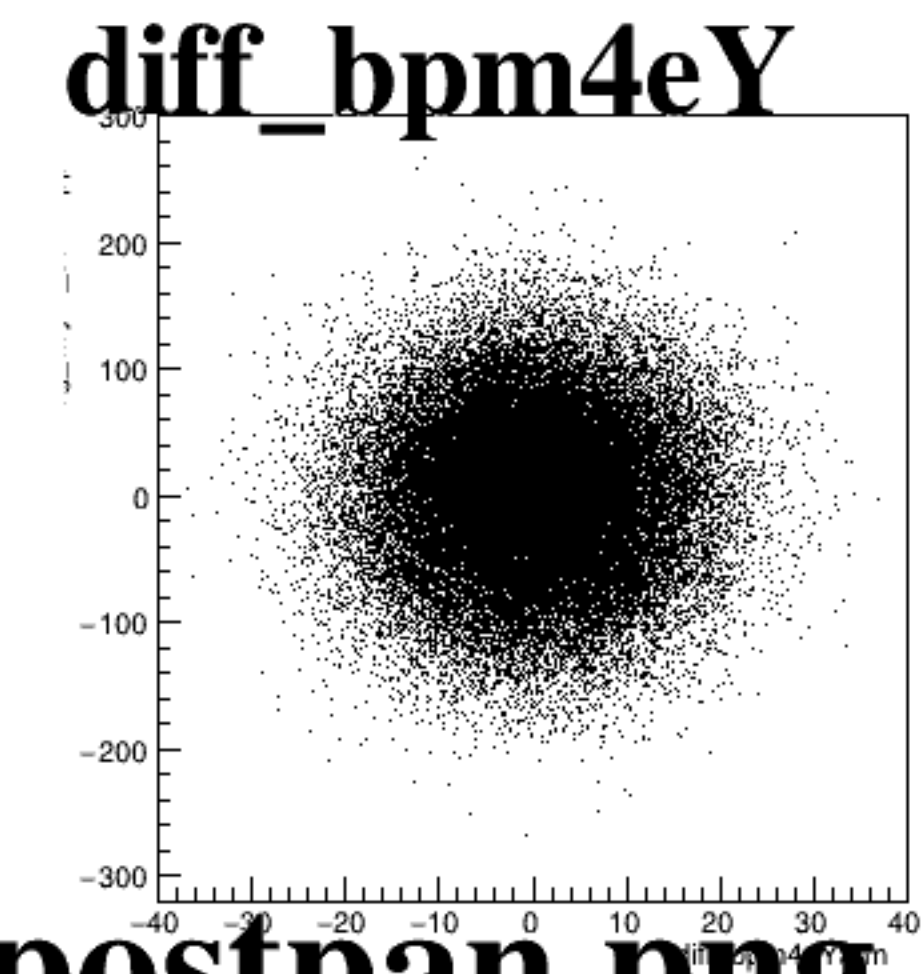
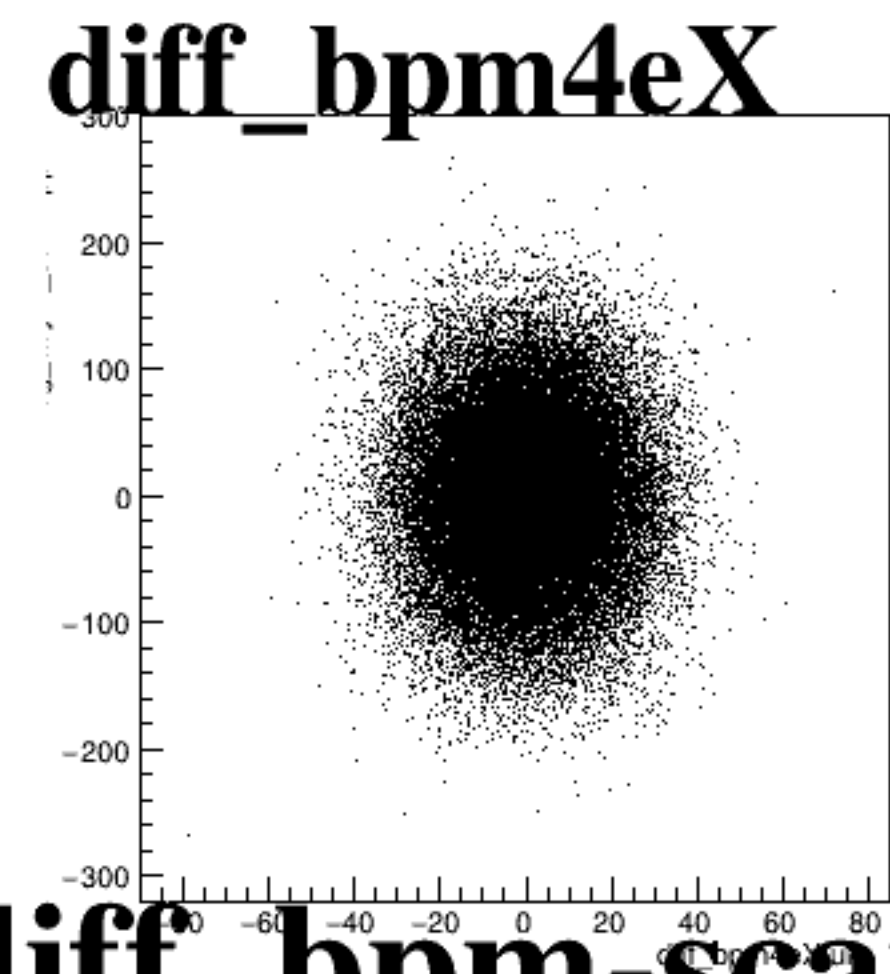
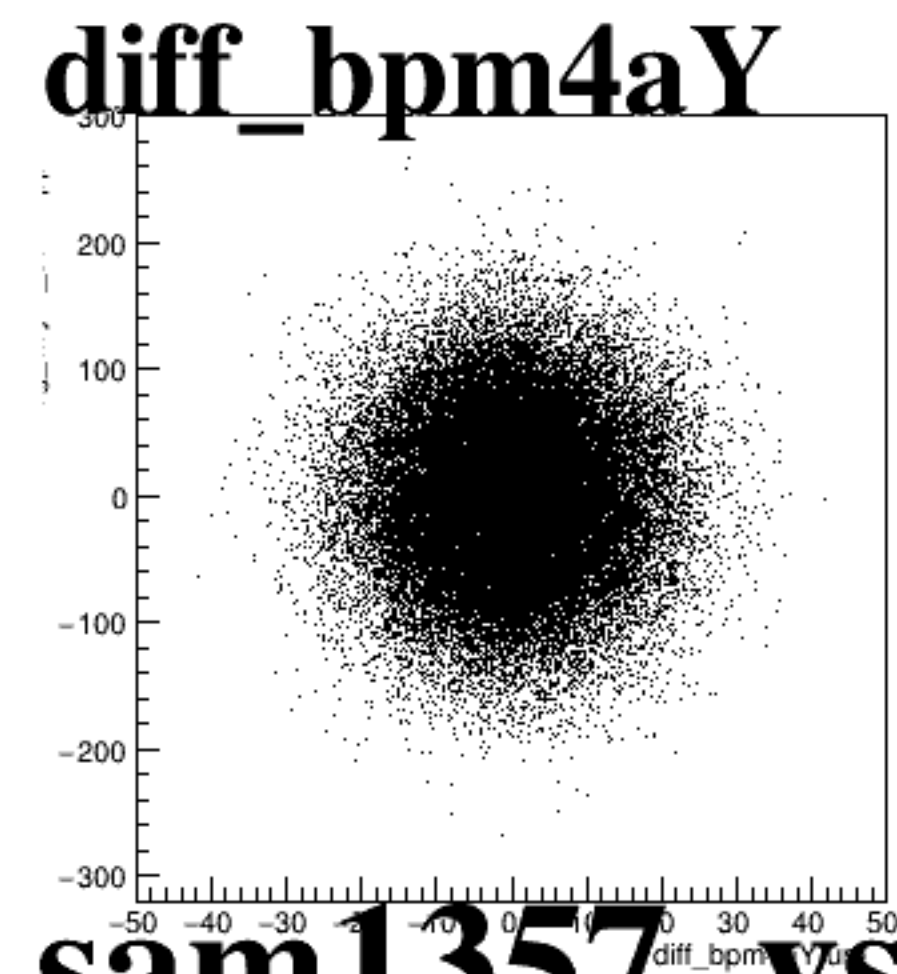
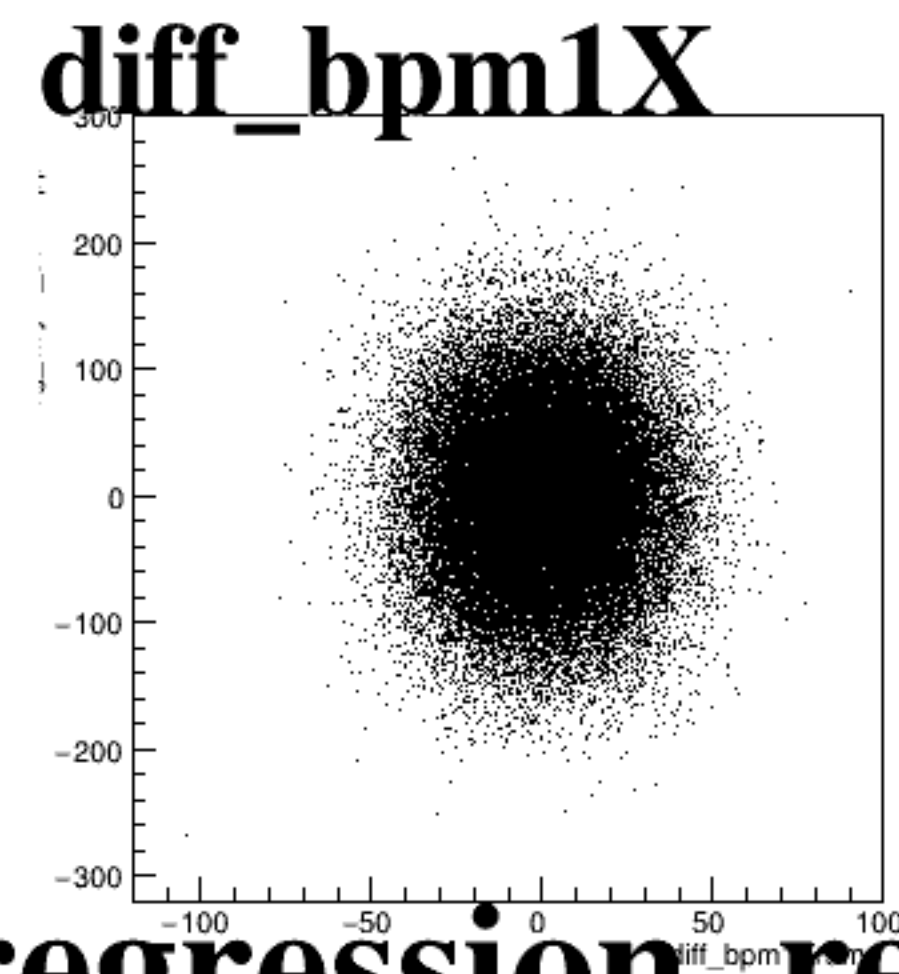
reg_asym_sam3



reg_asym_sam5



reg_asym_sam7



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