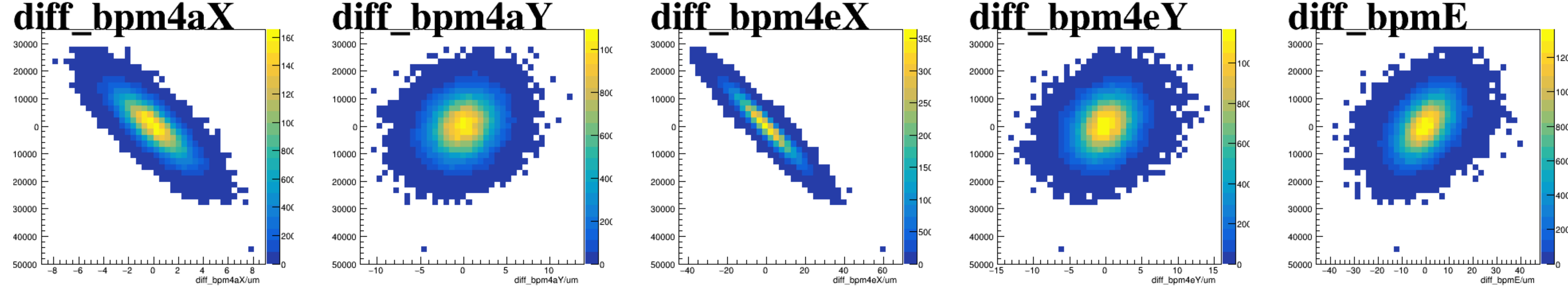
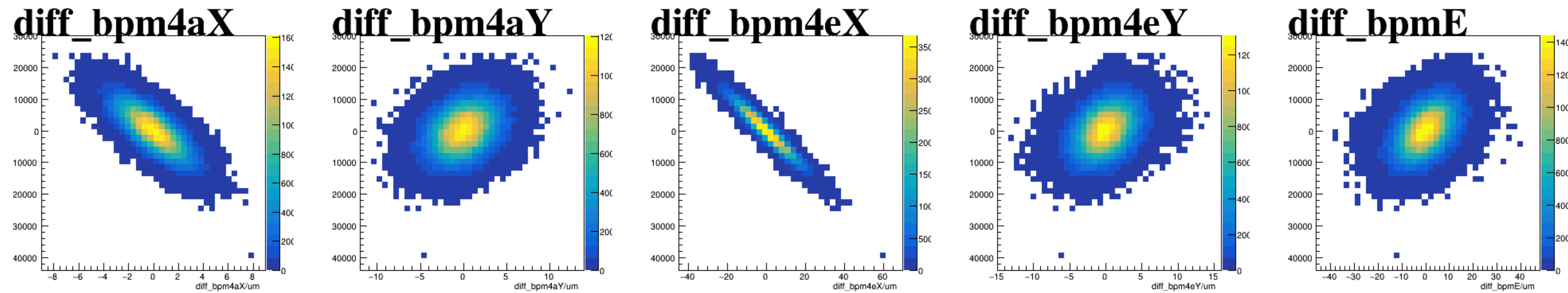


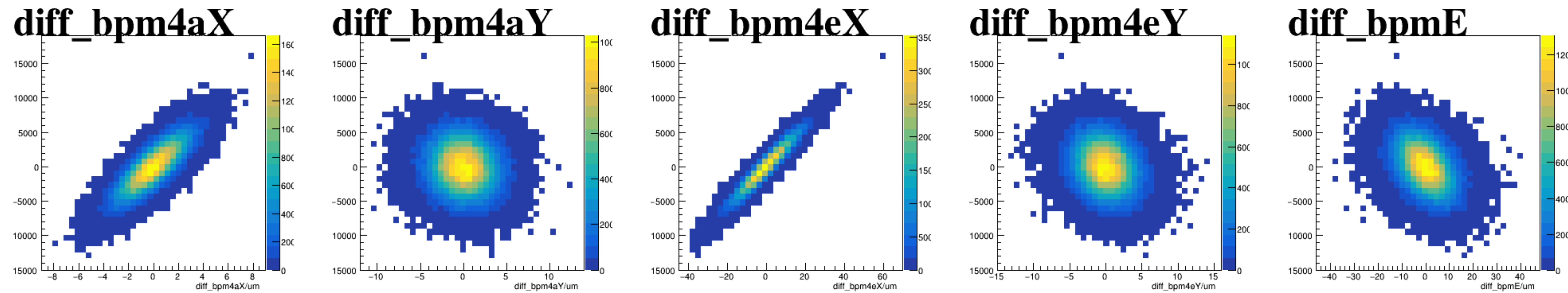
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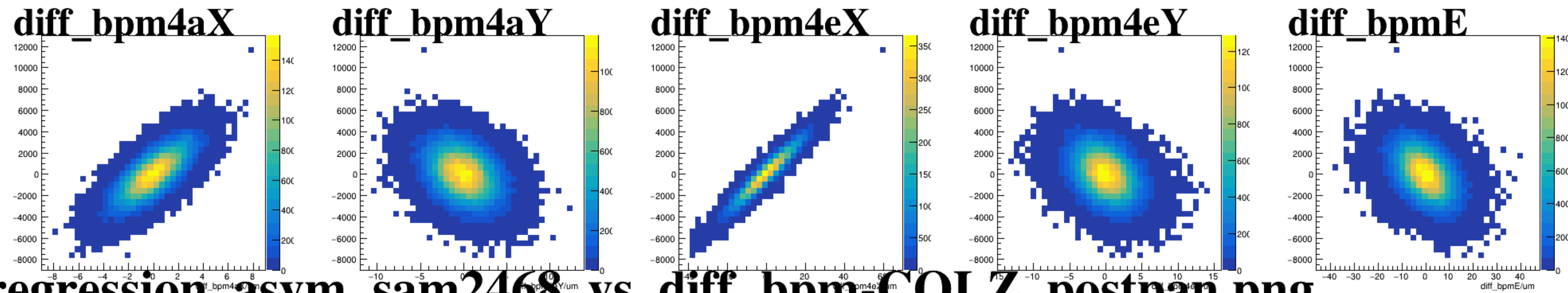
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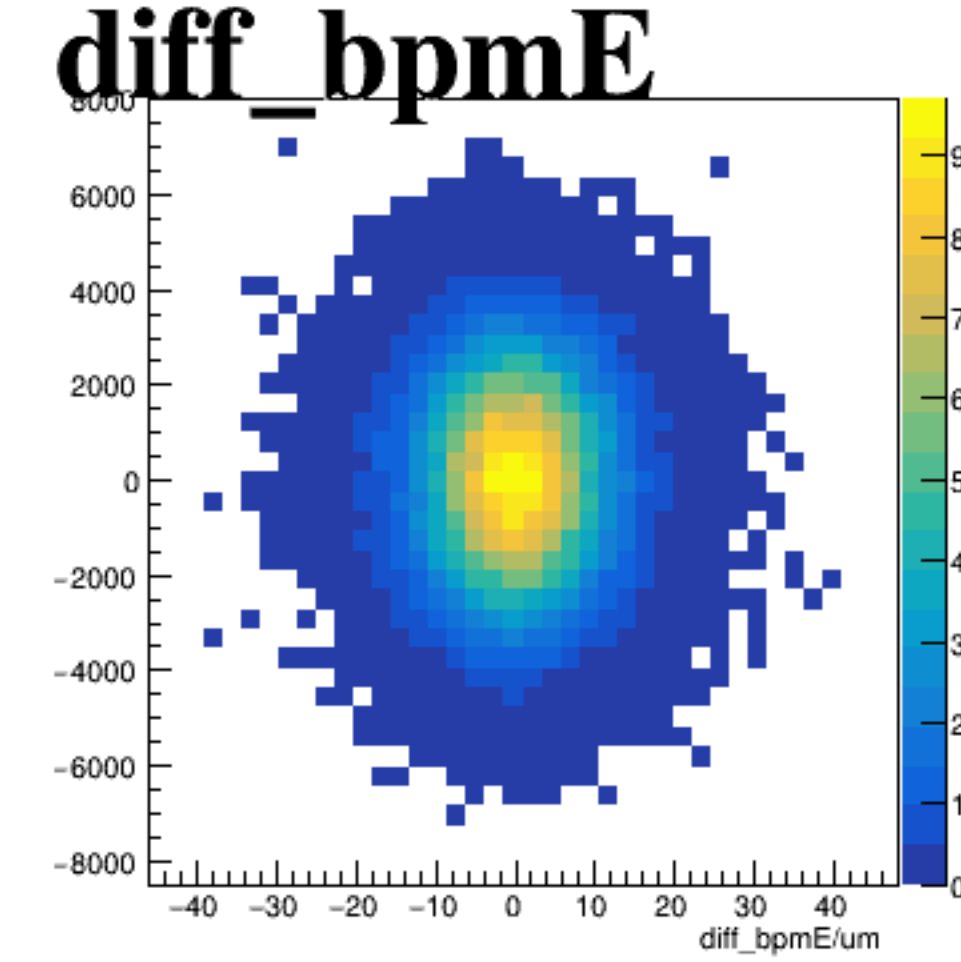
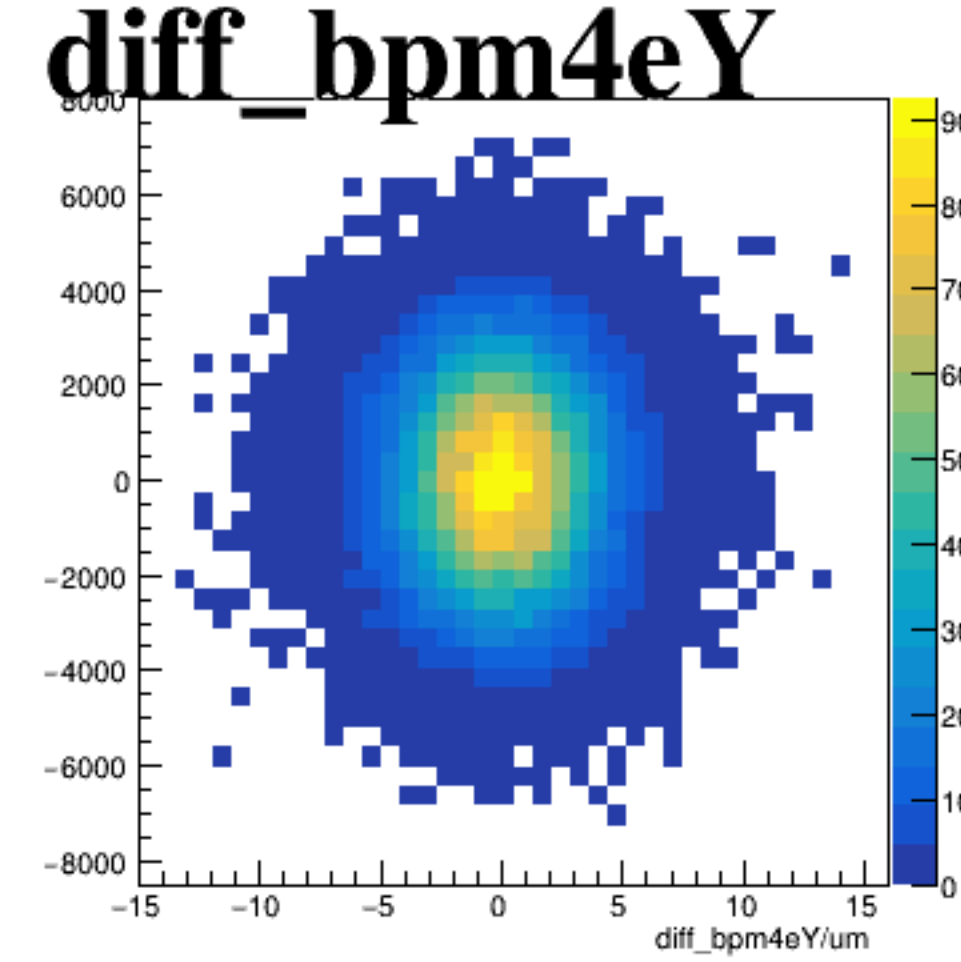
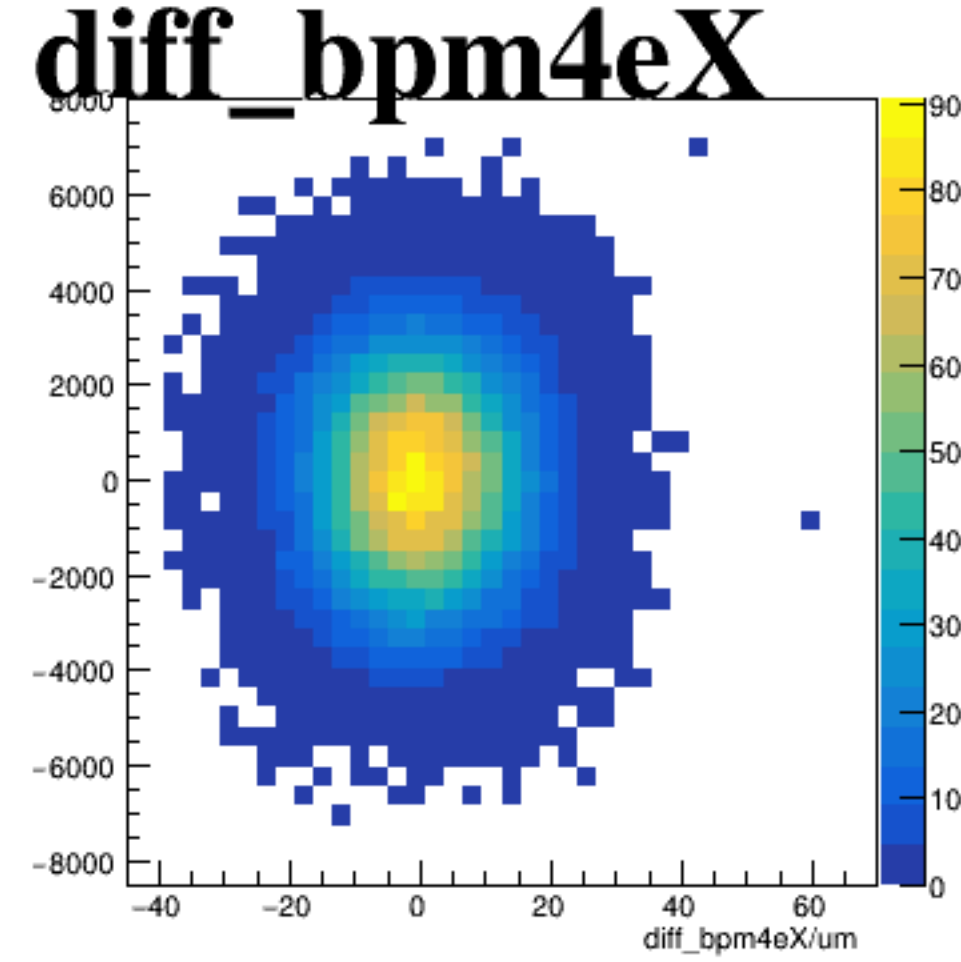
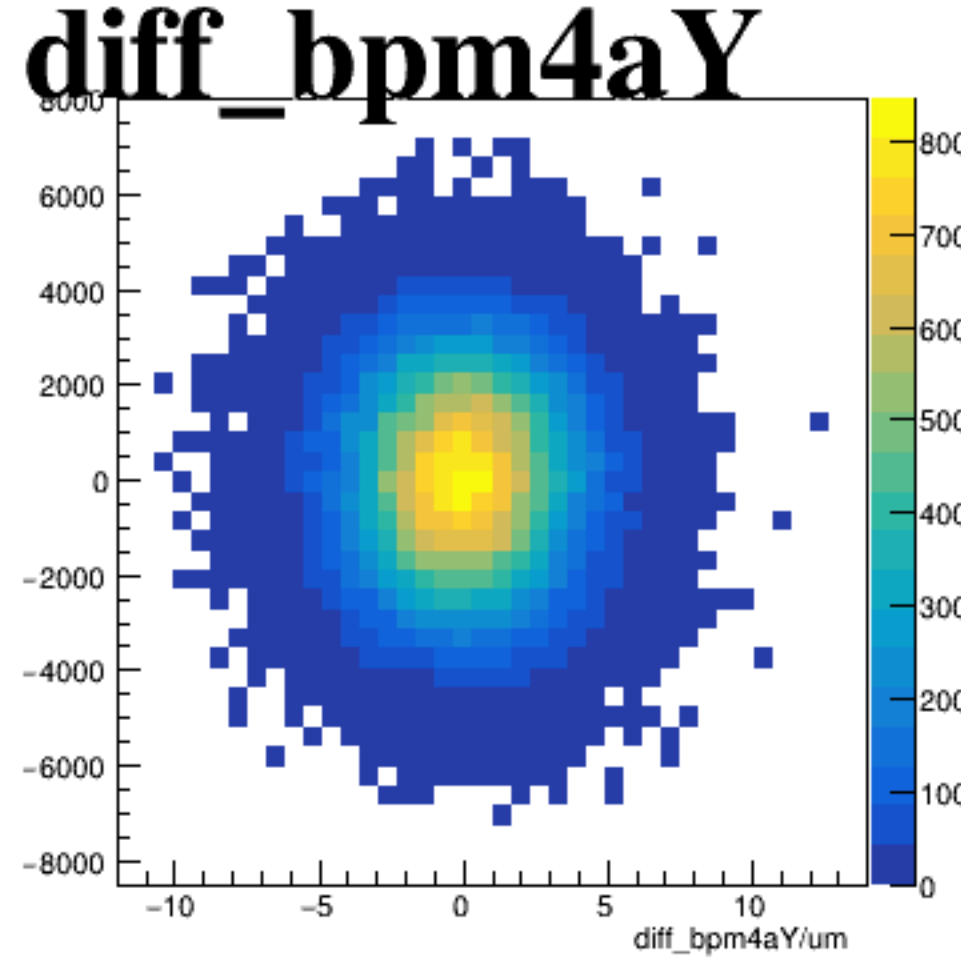
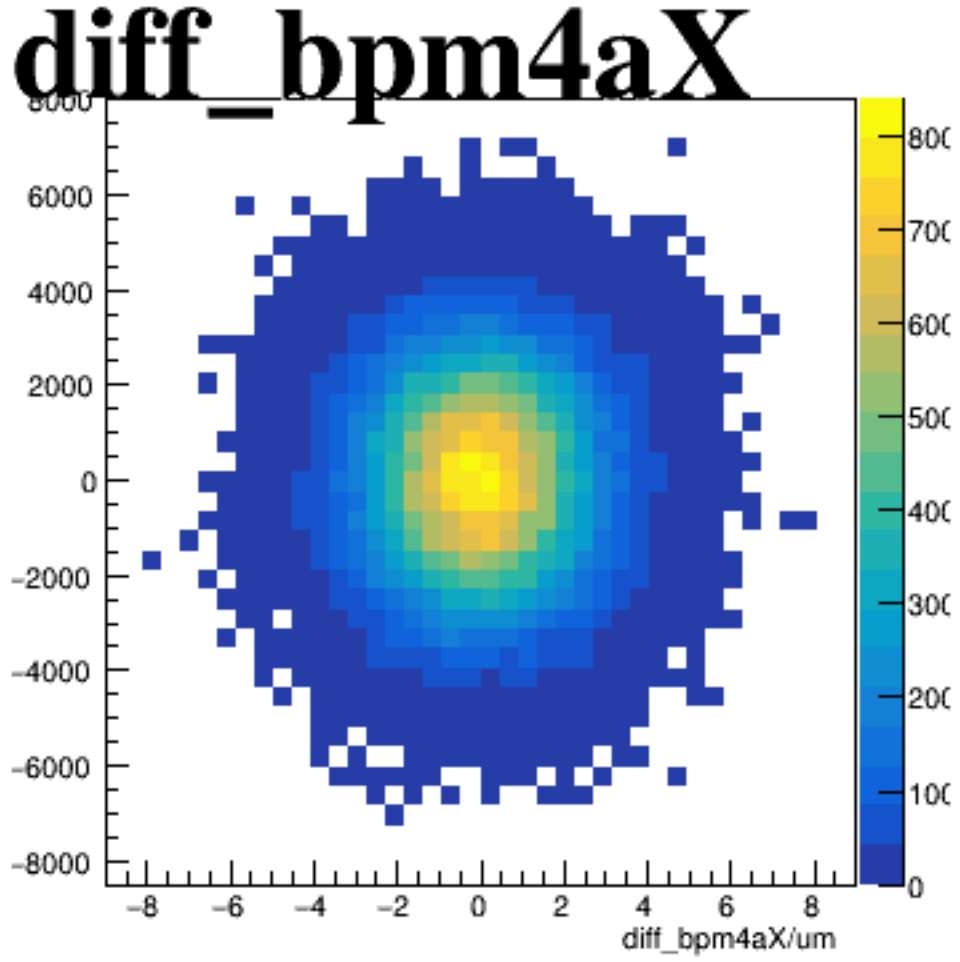
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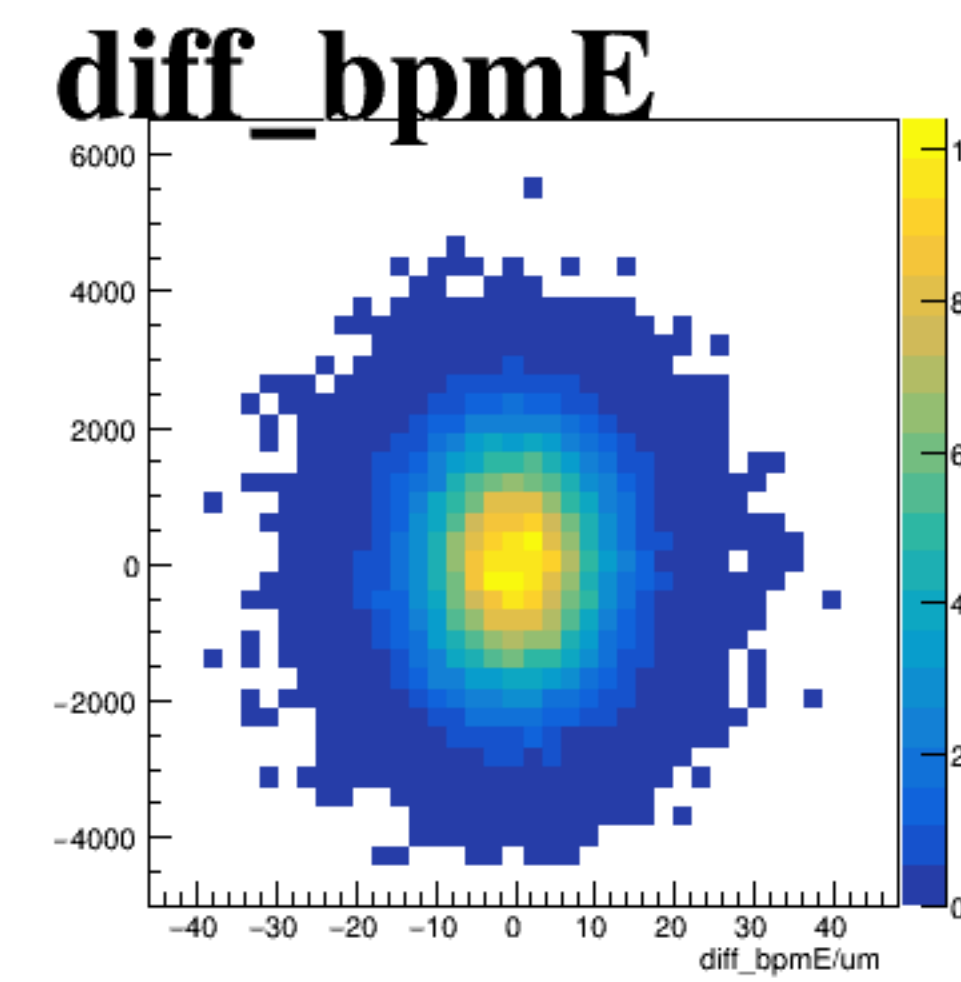
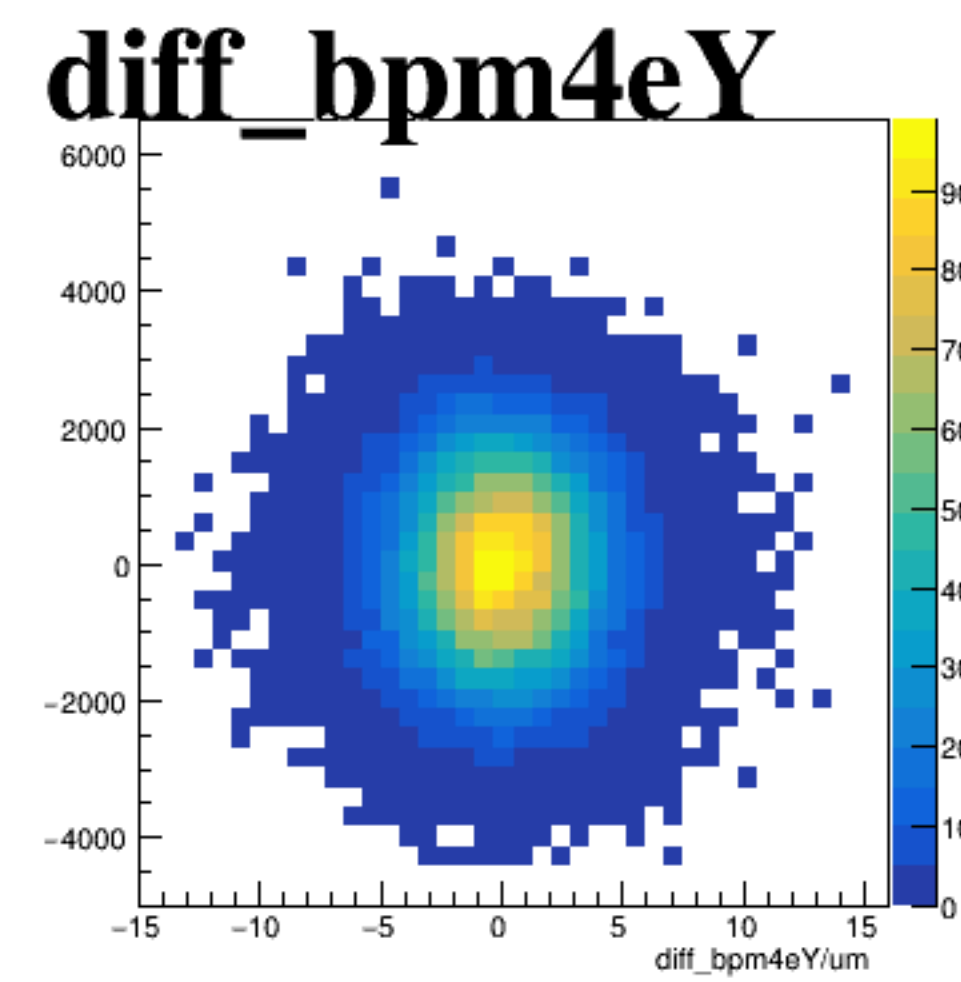
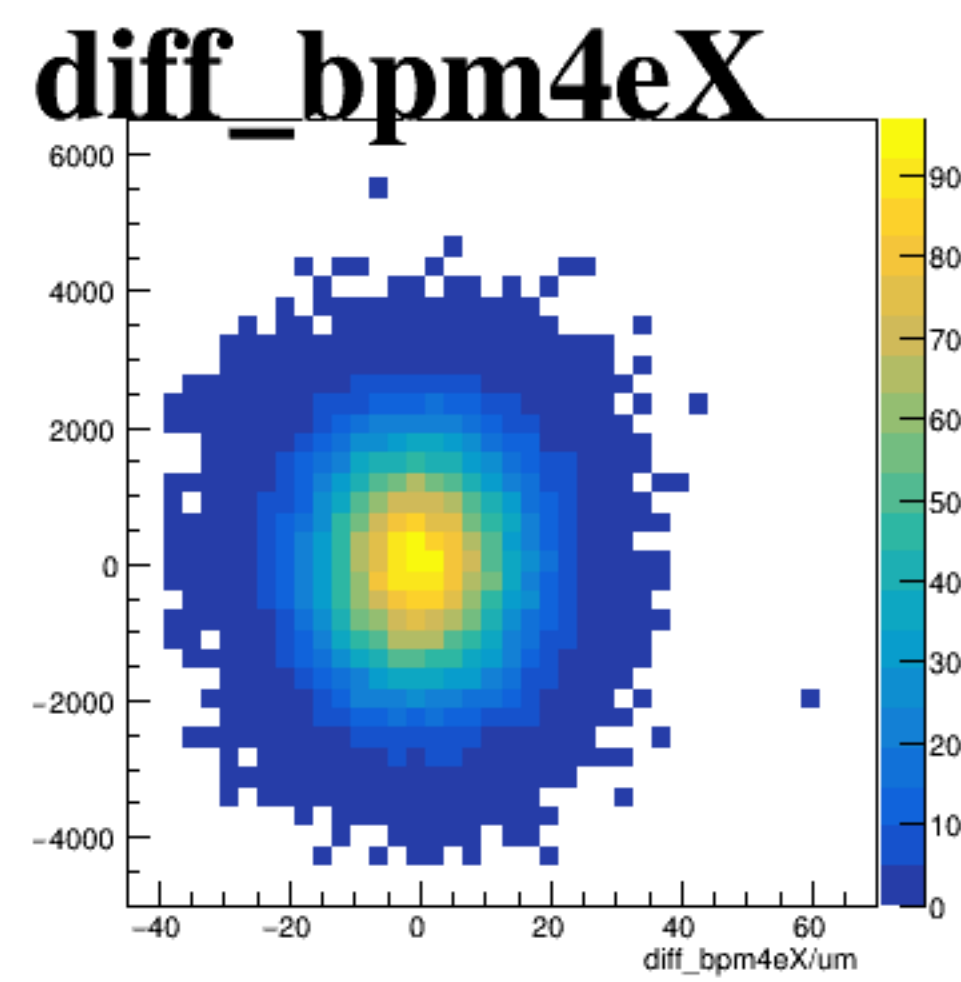
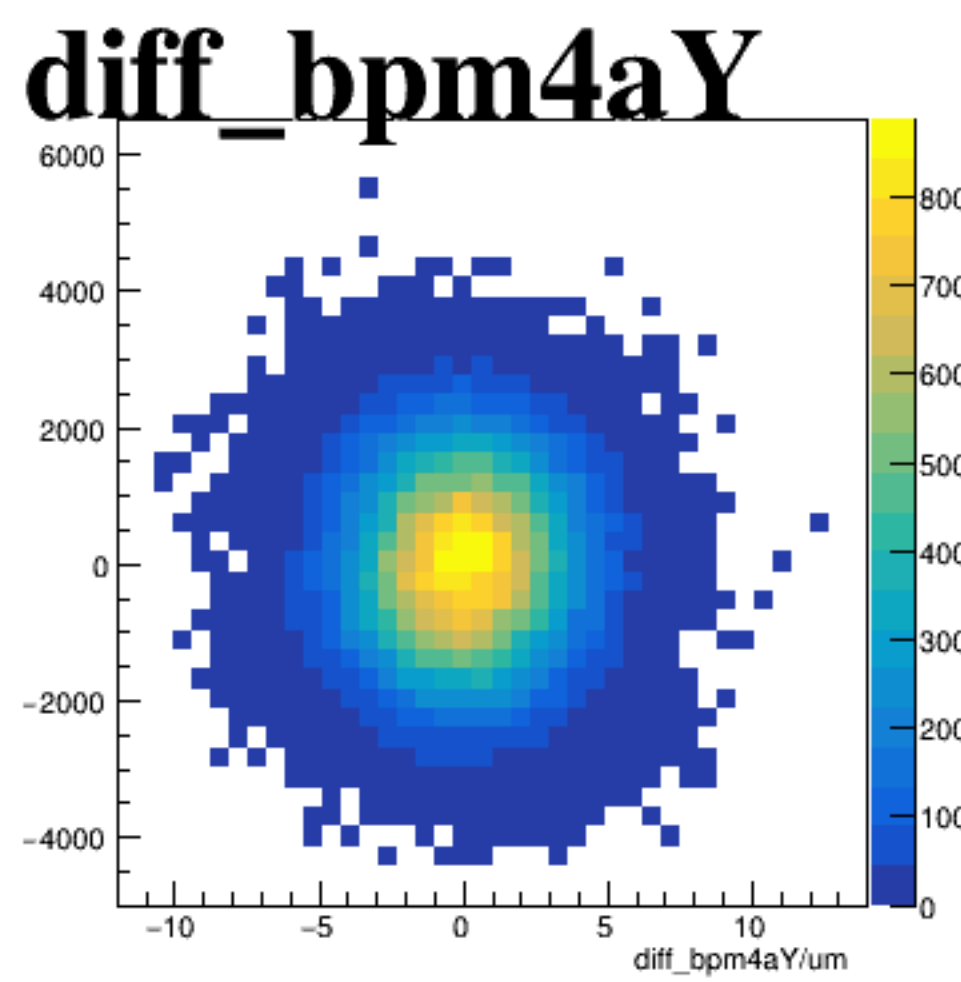
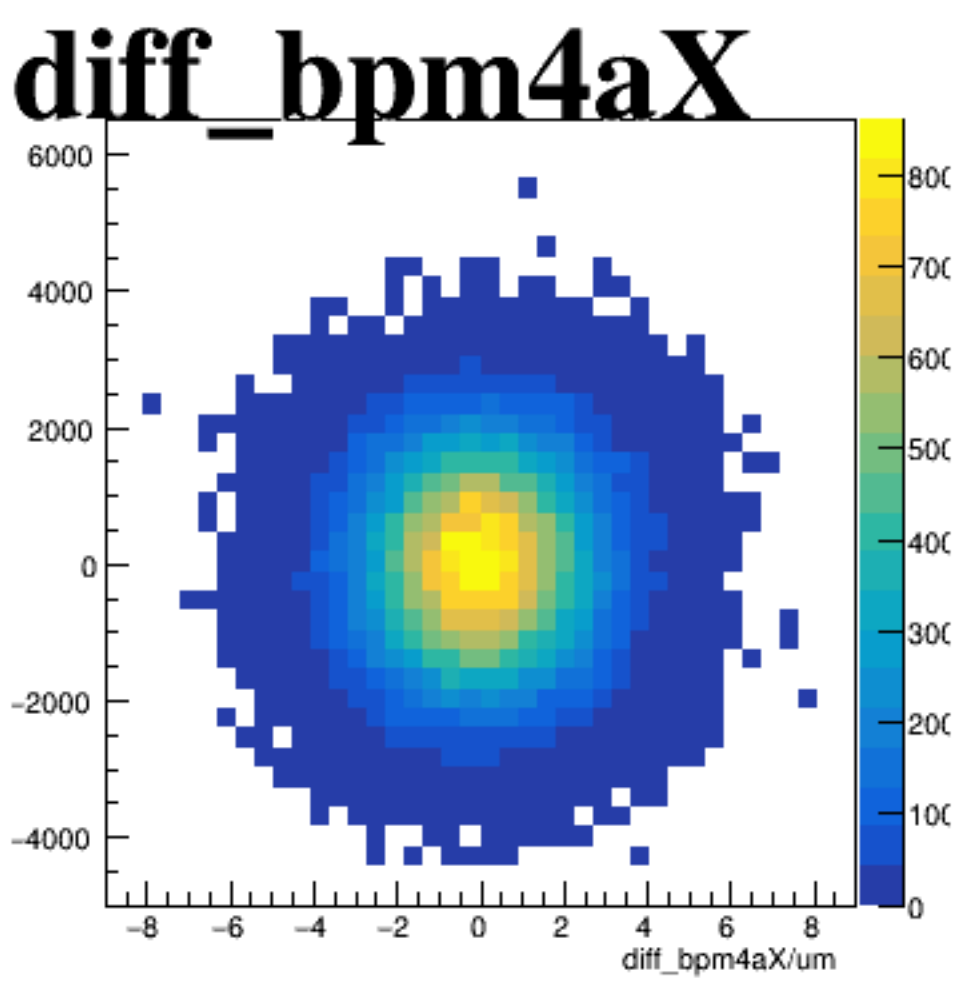
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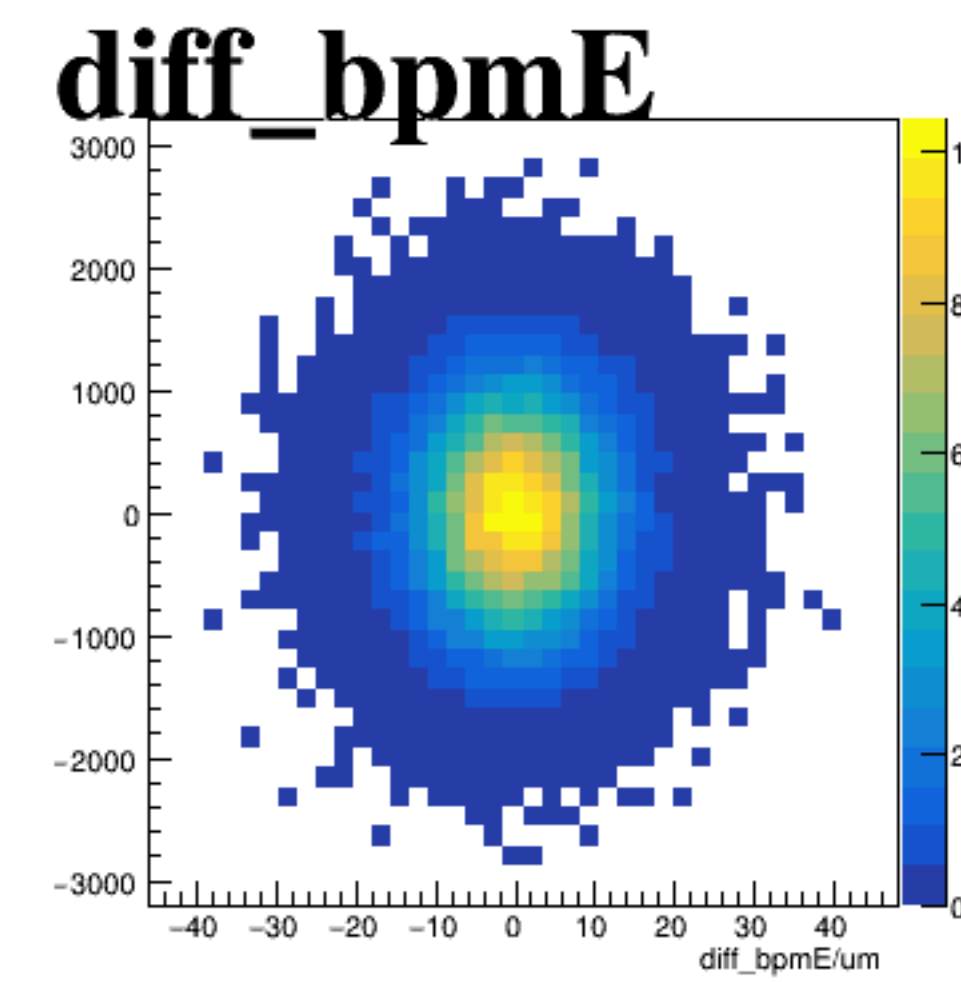
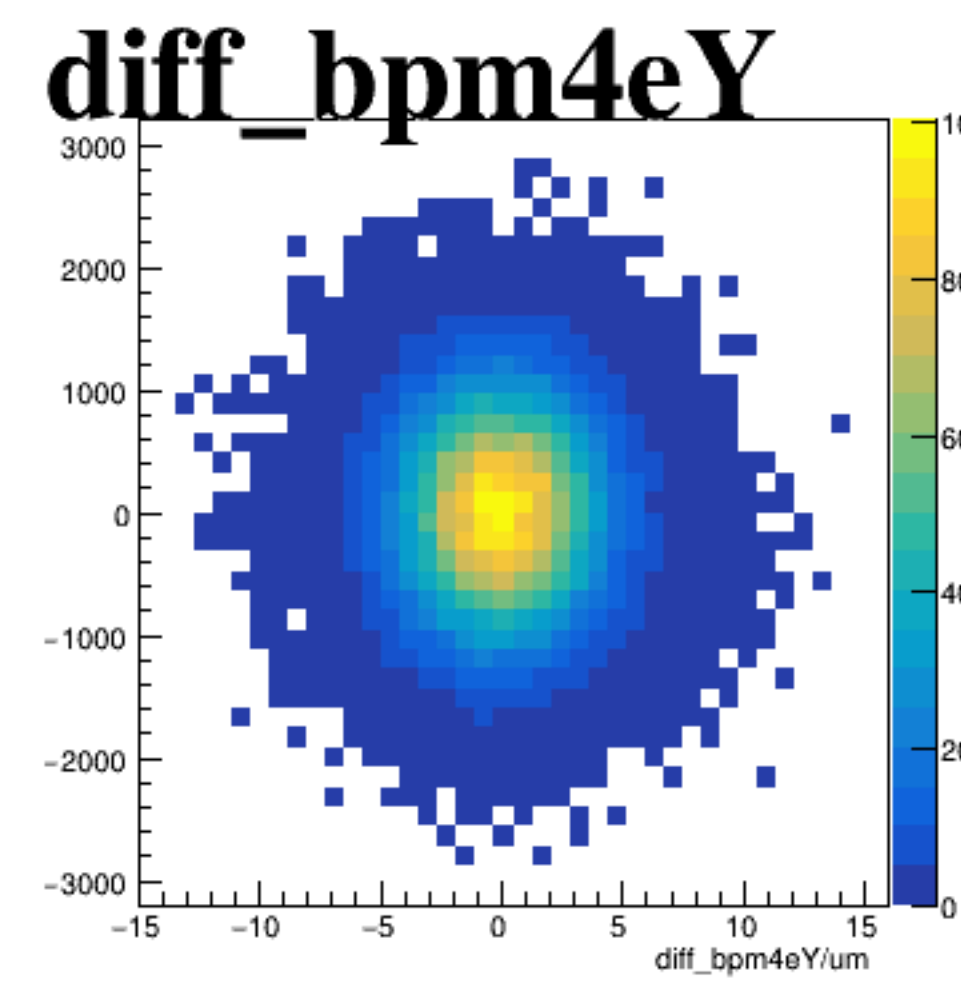
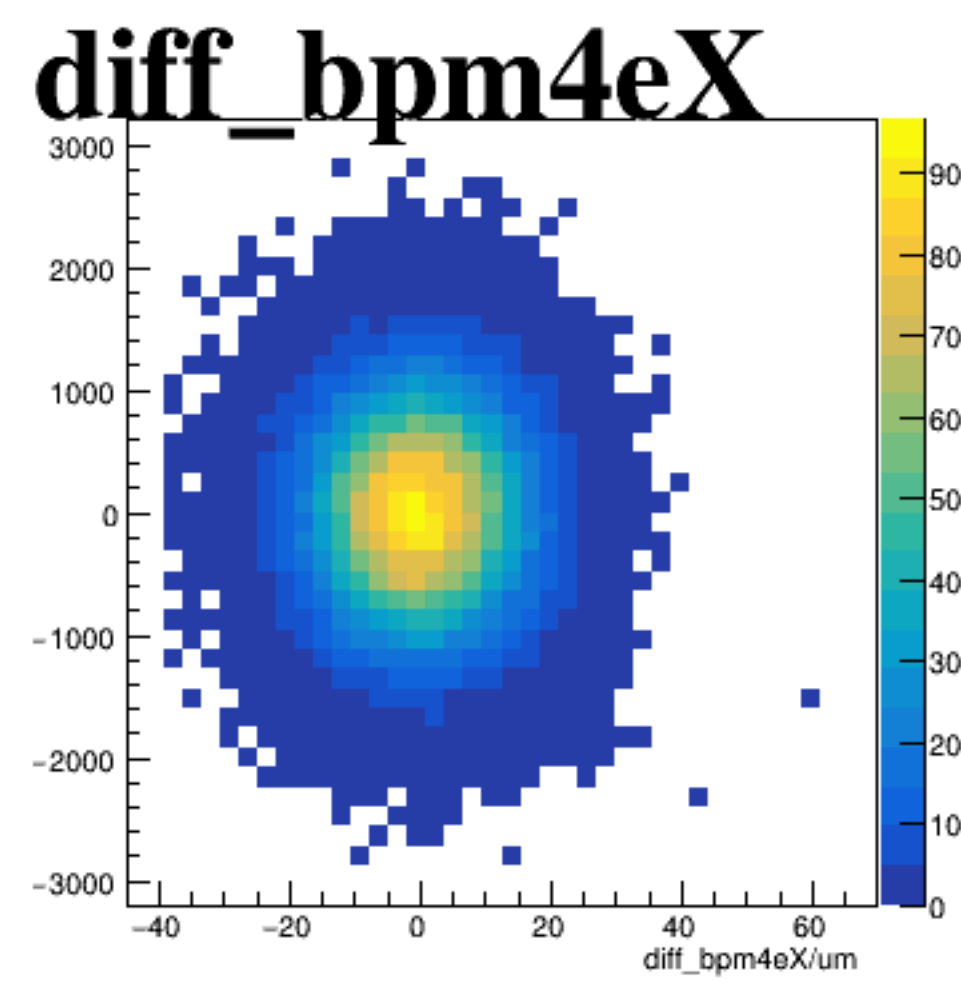
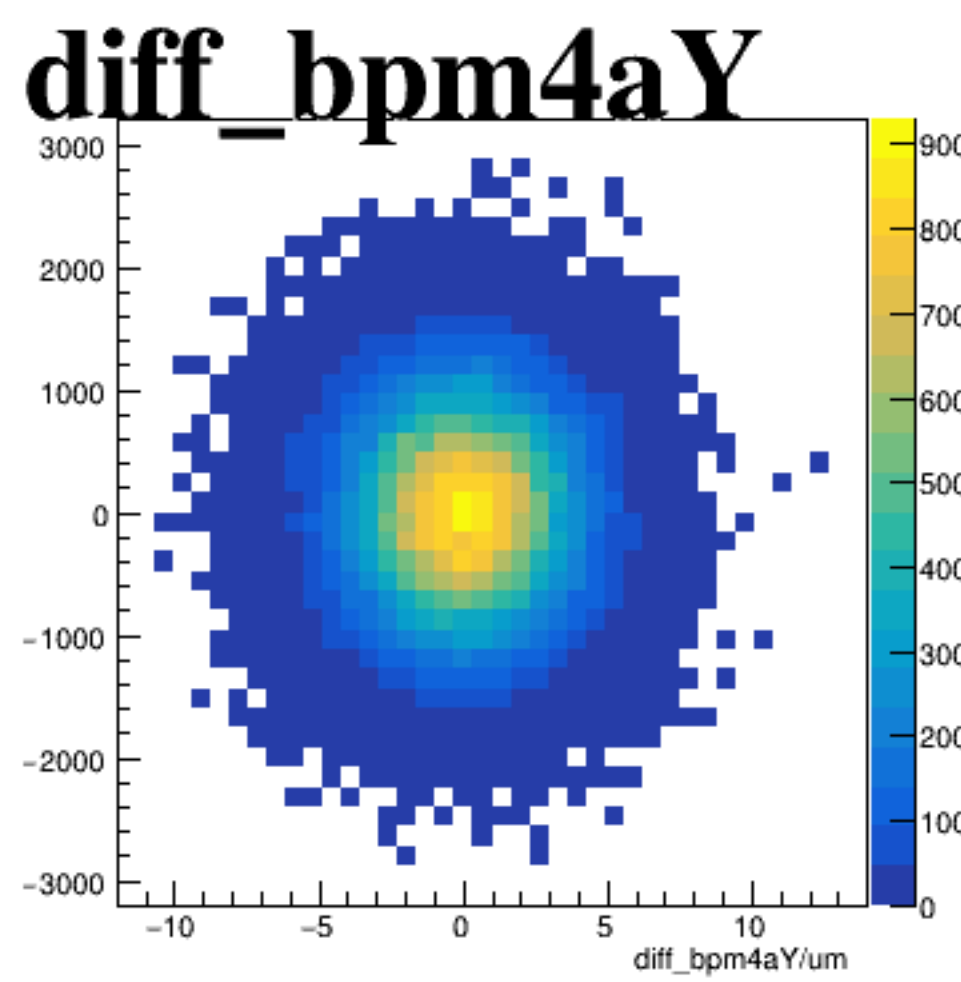
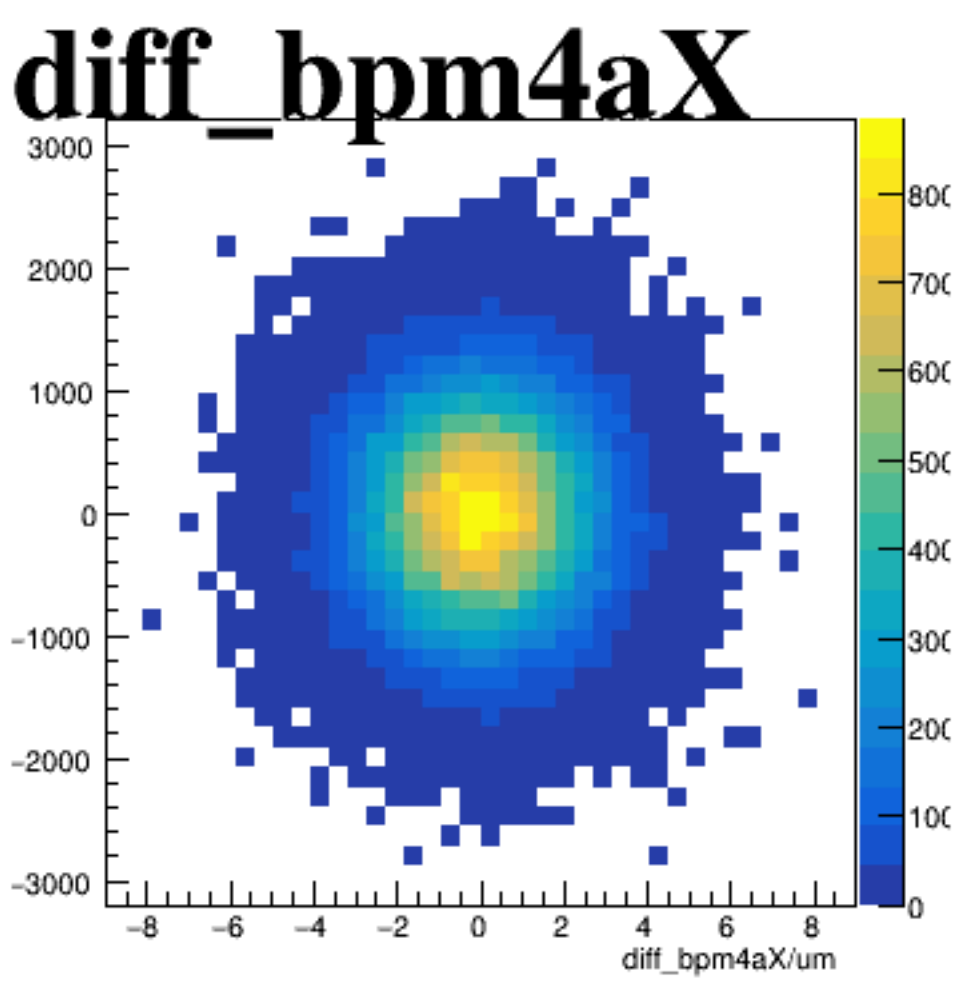
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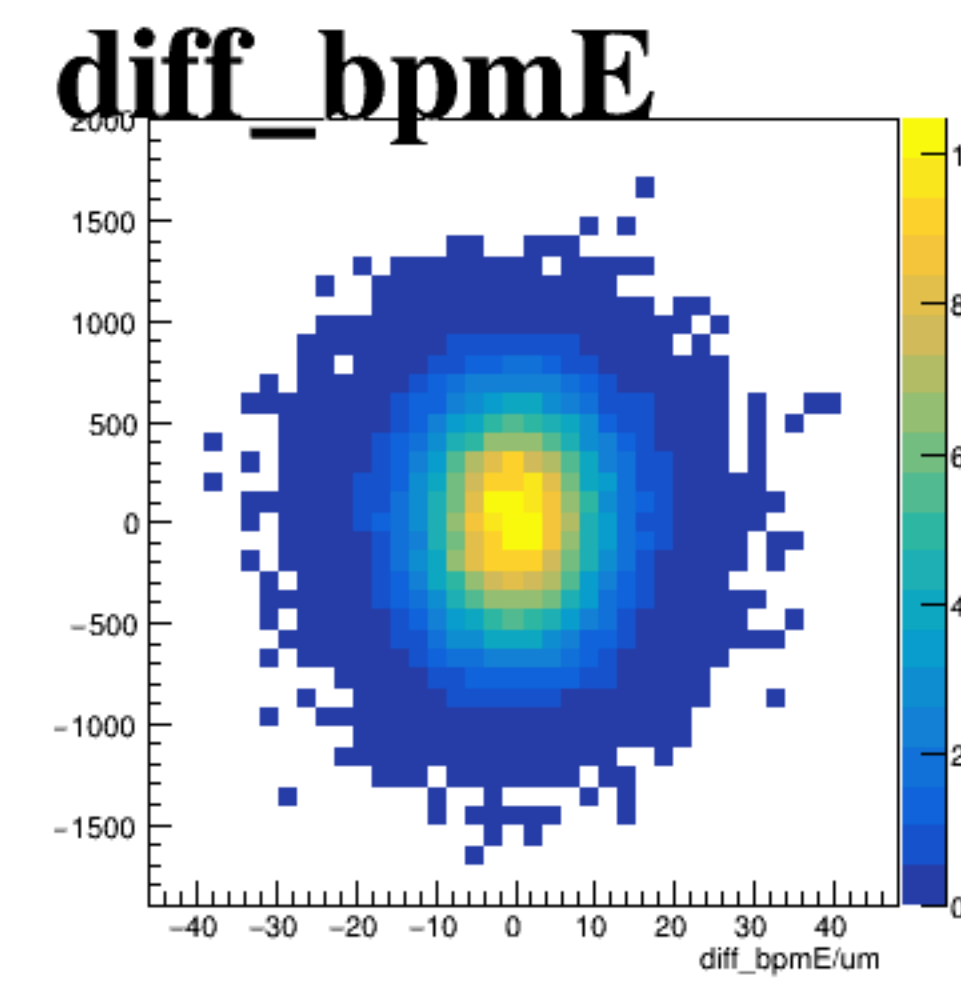
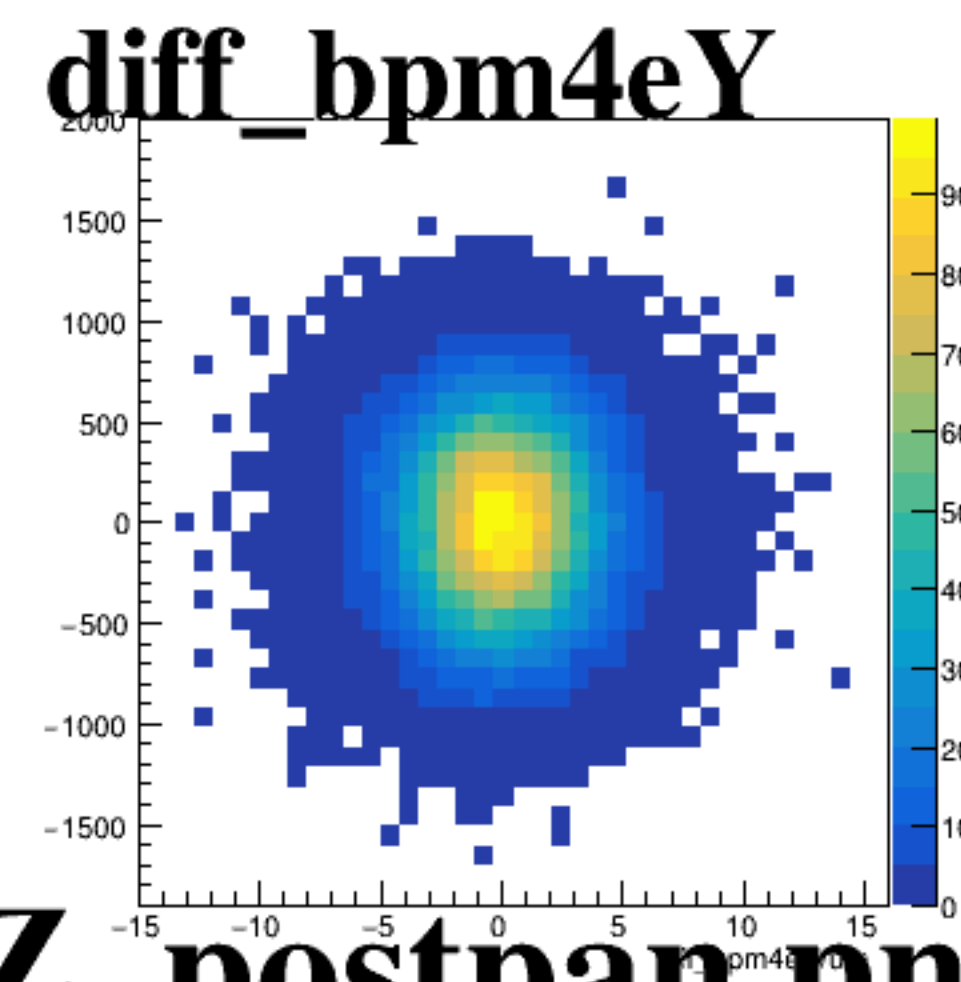
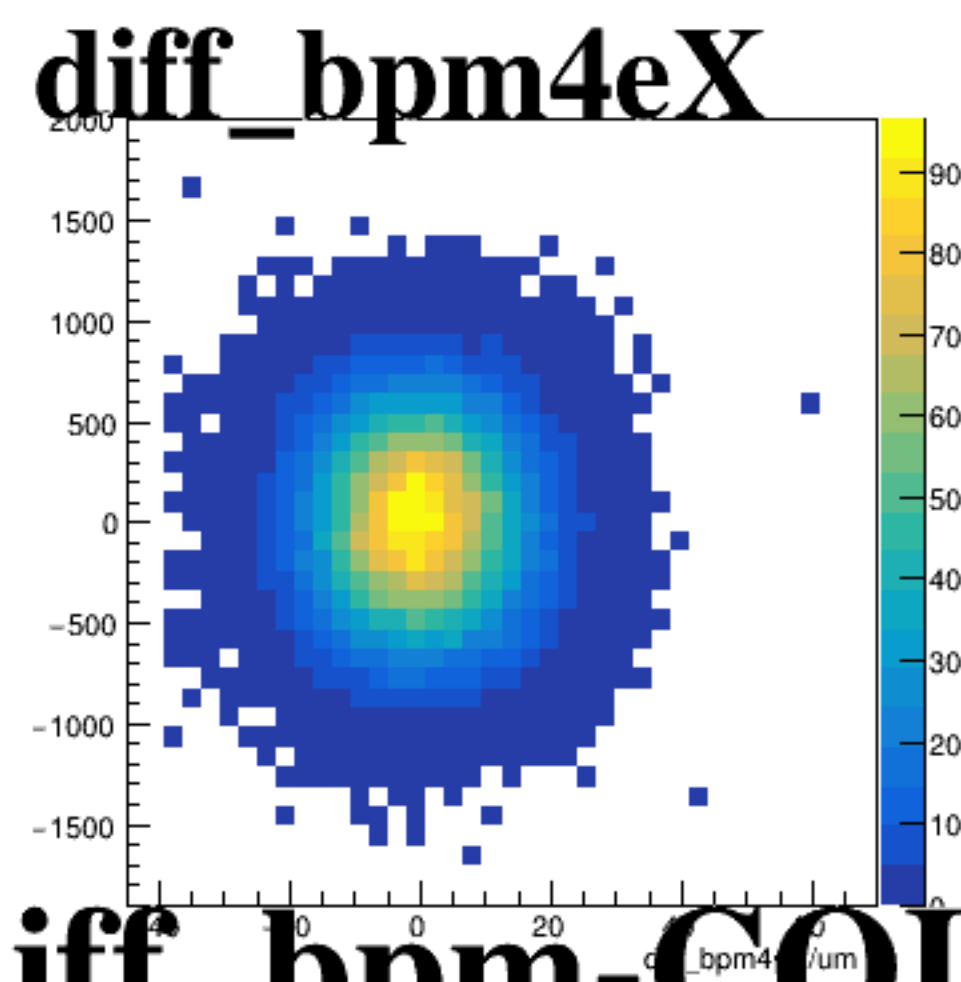
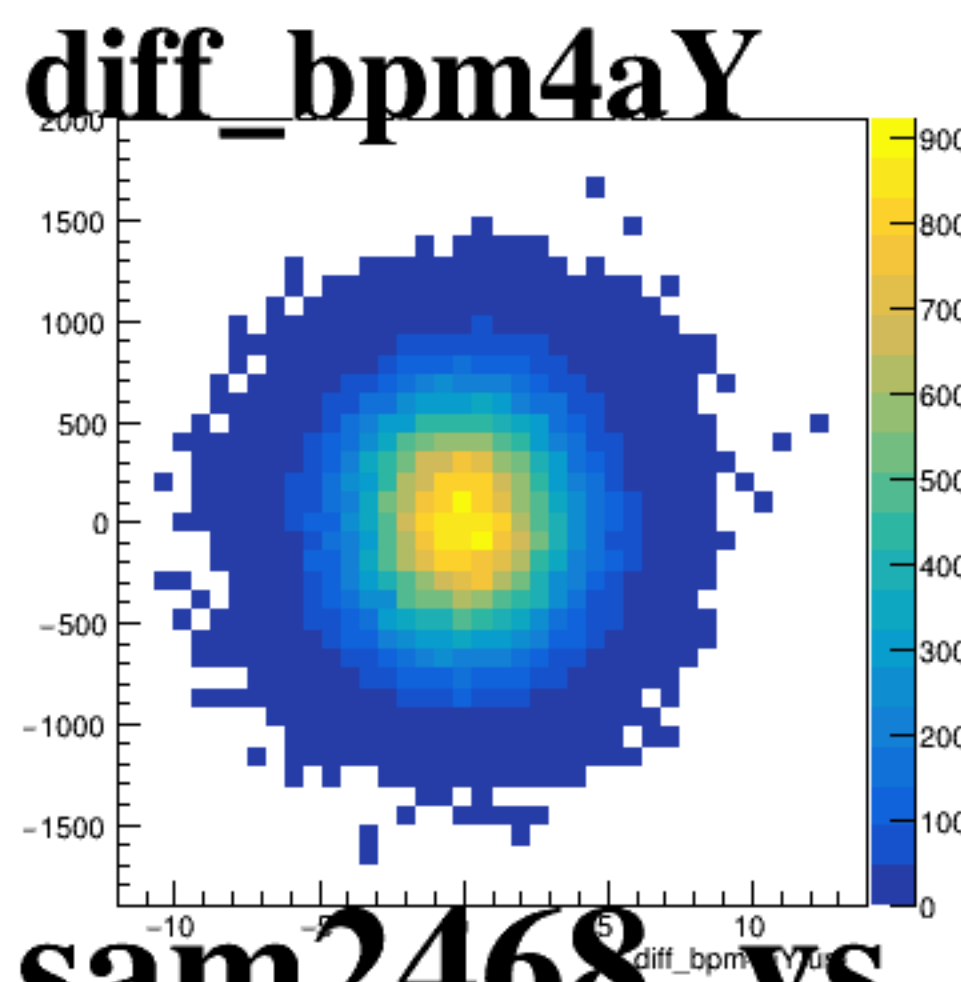
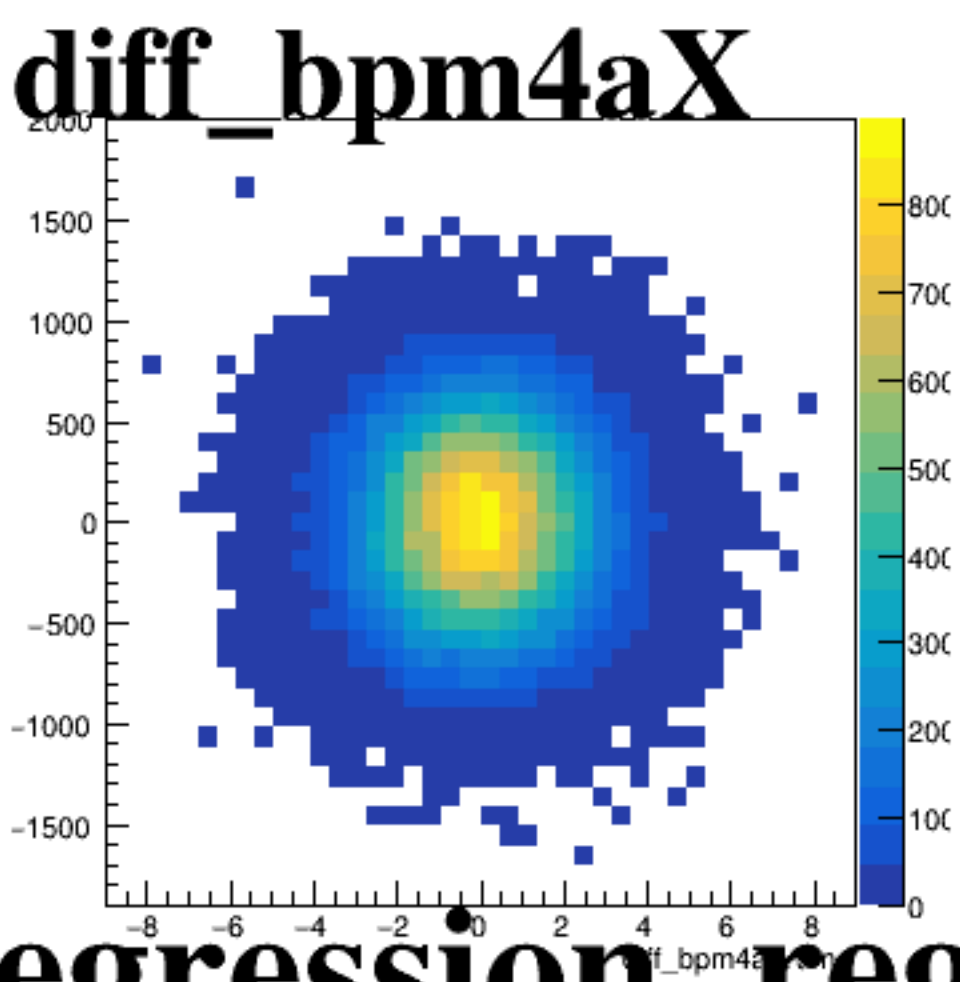
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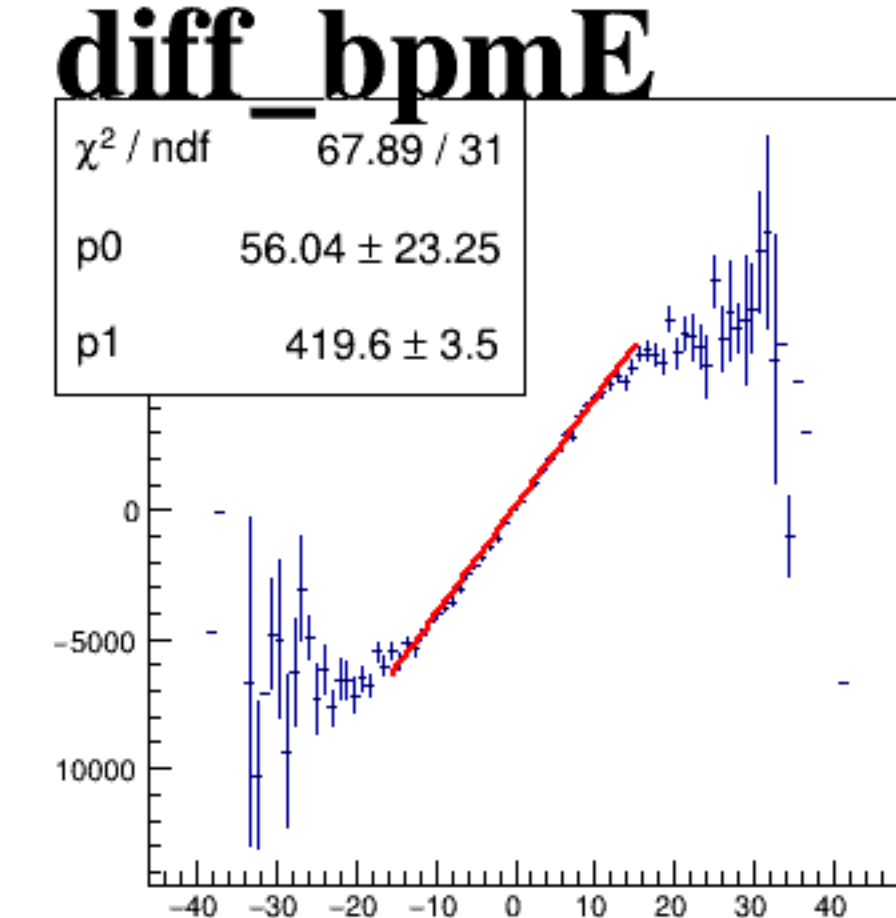
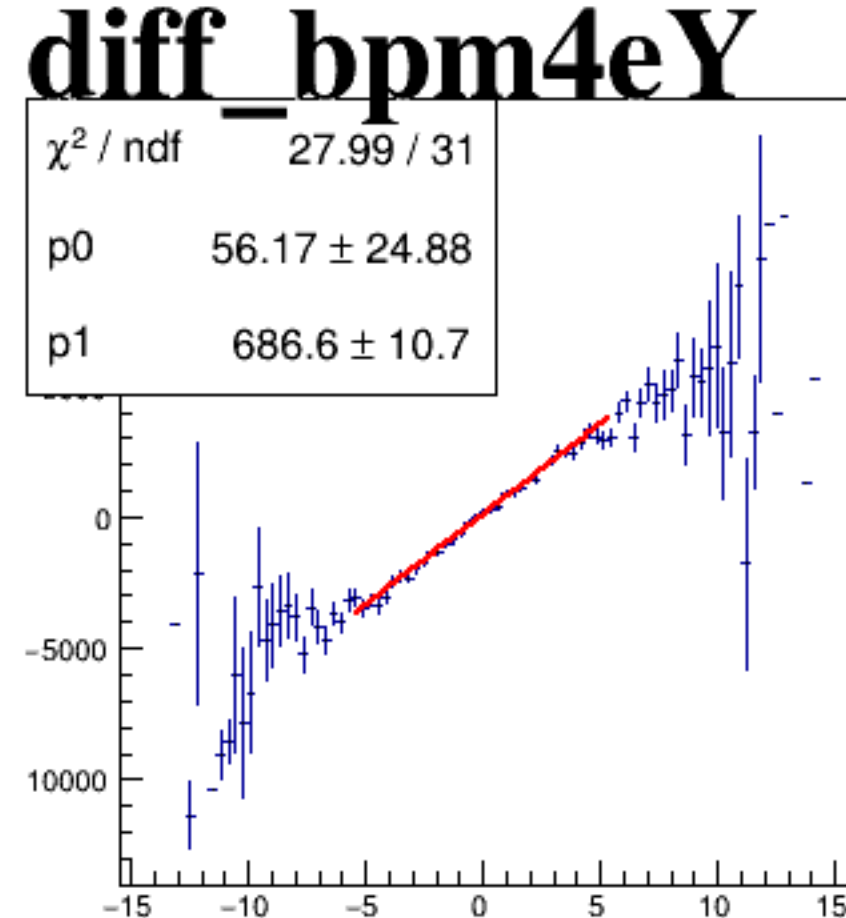
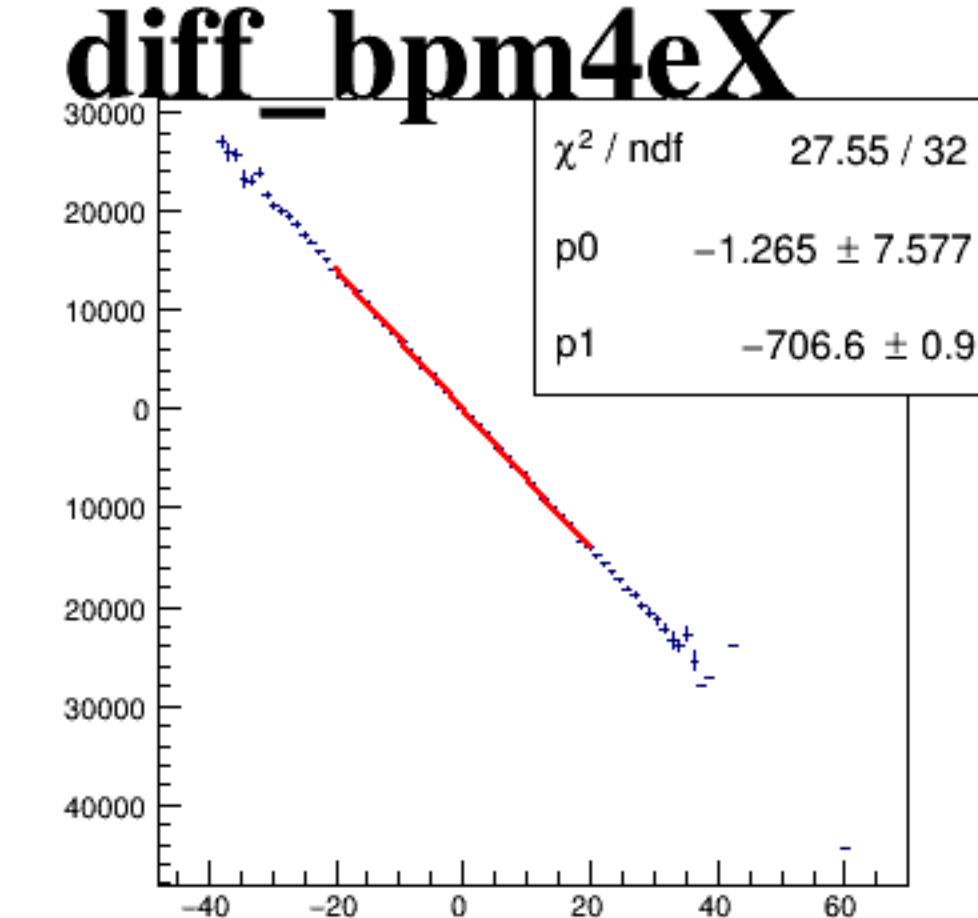
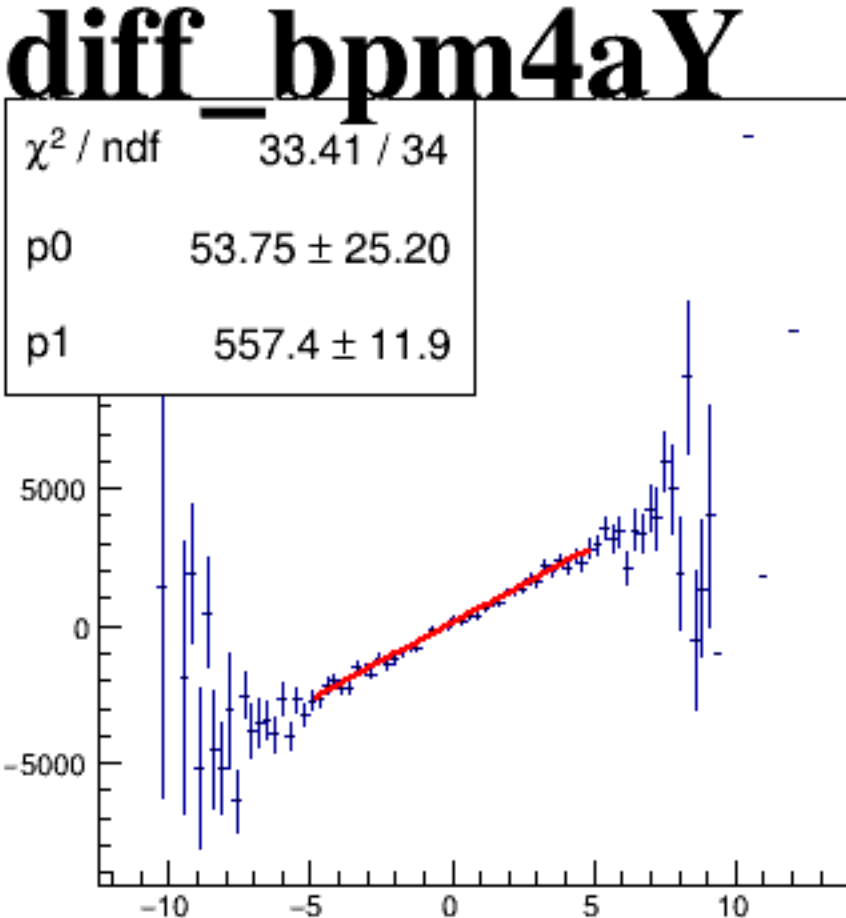
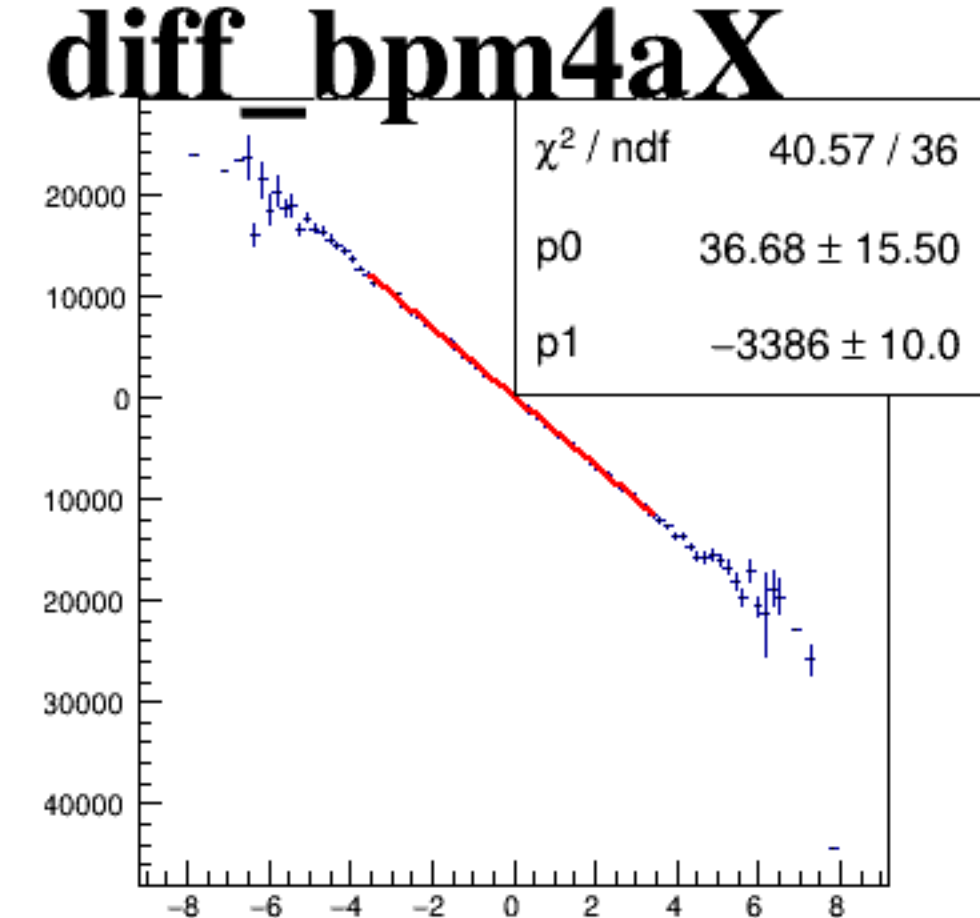
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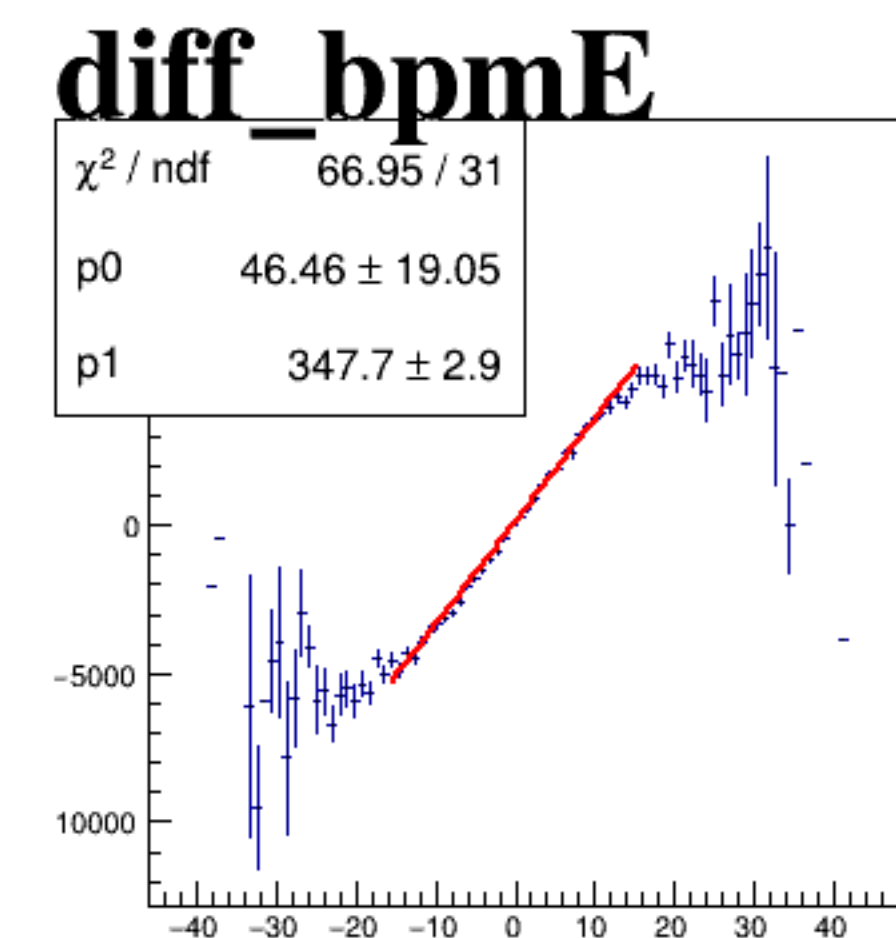
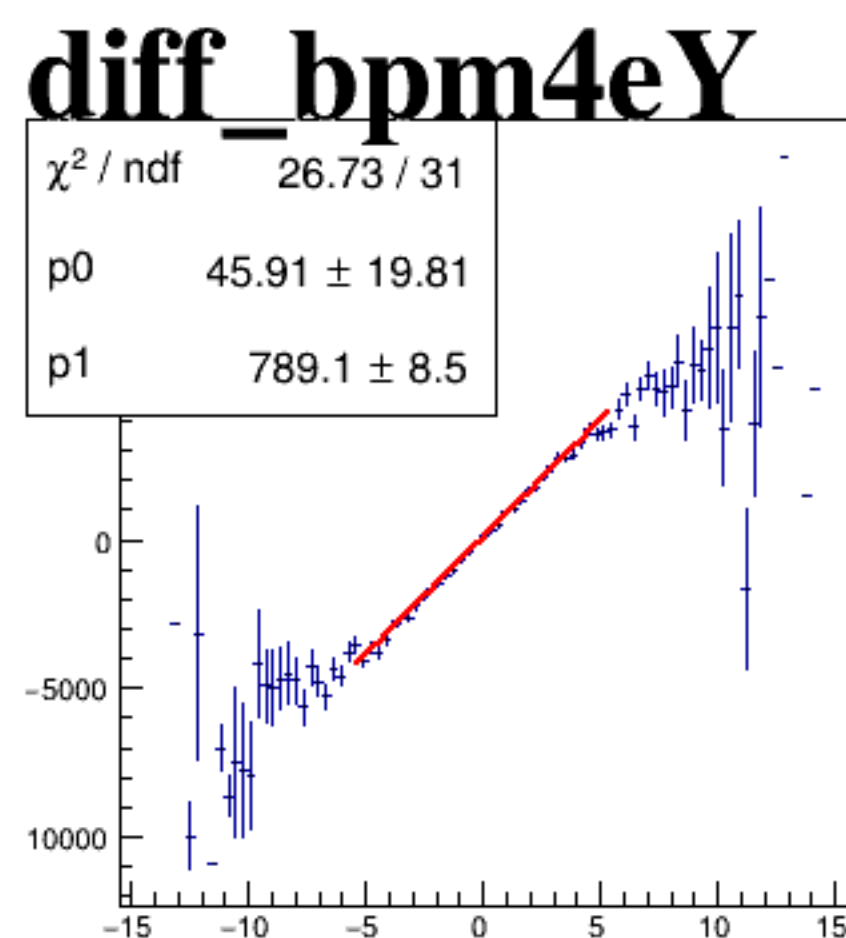
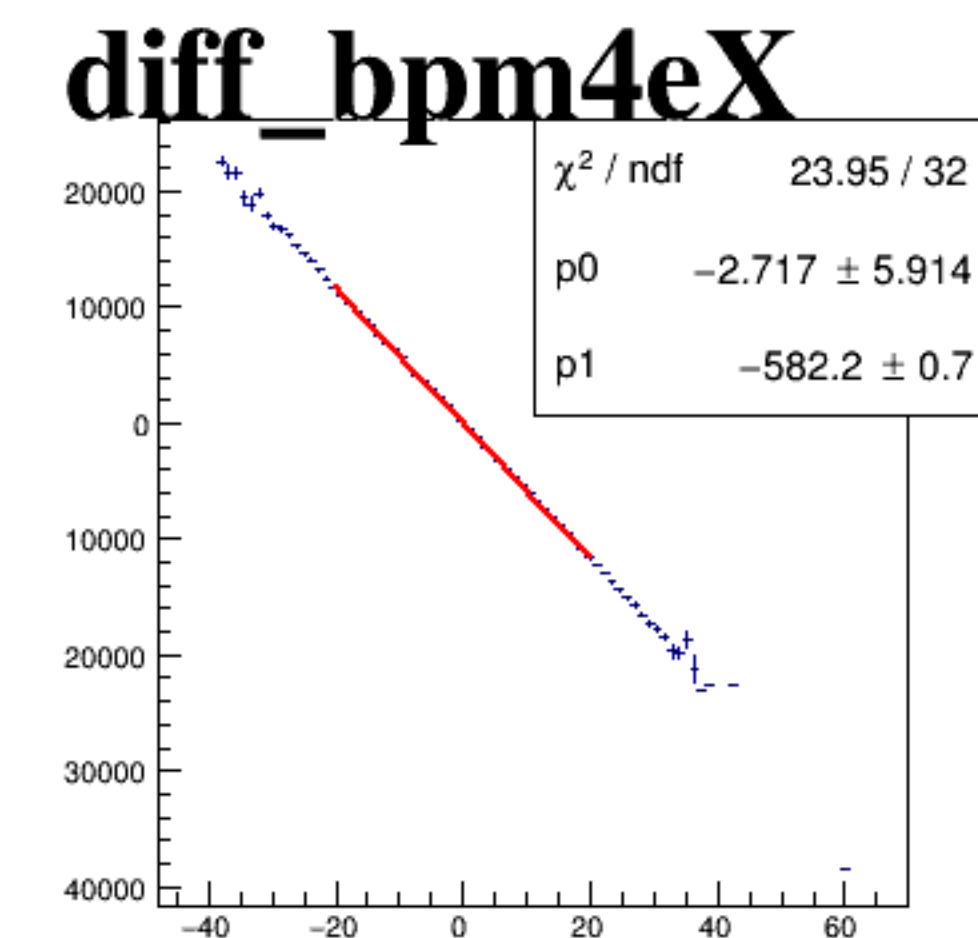
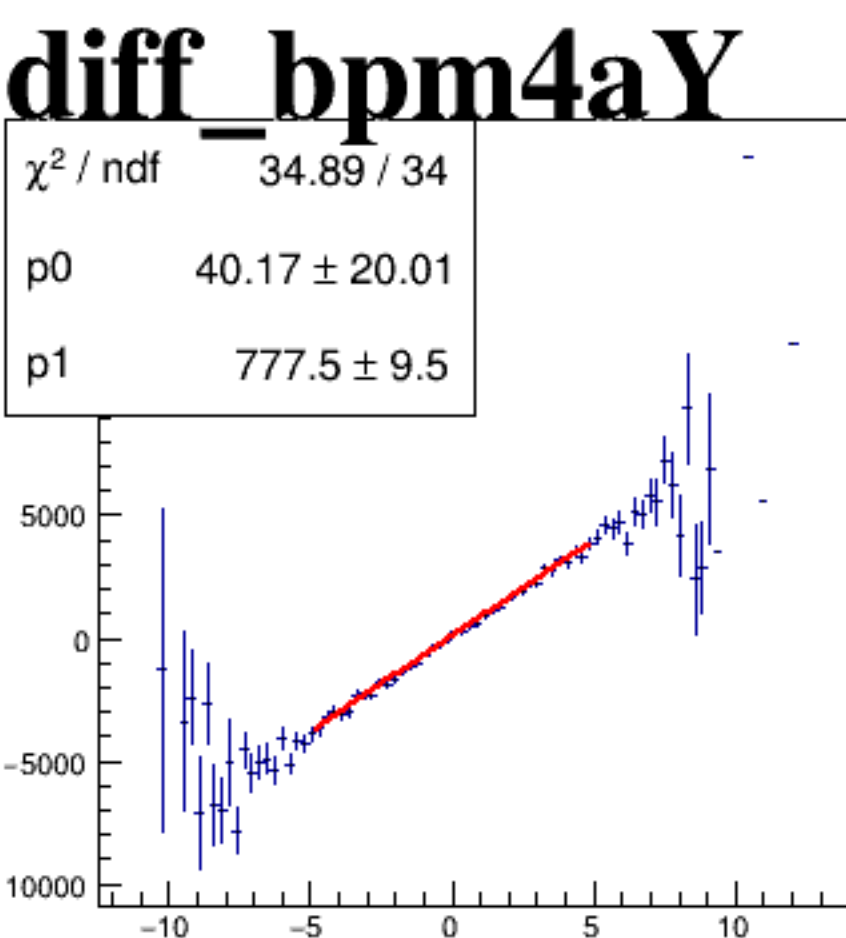
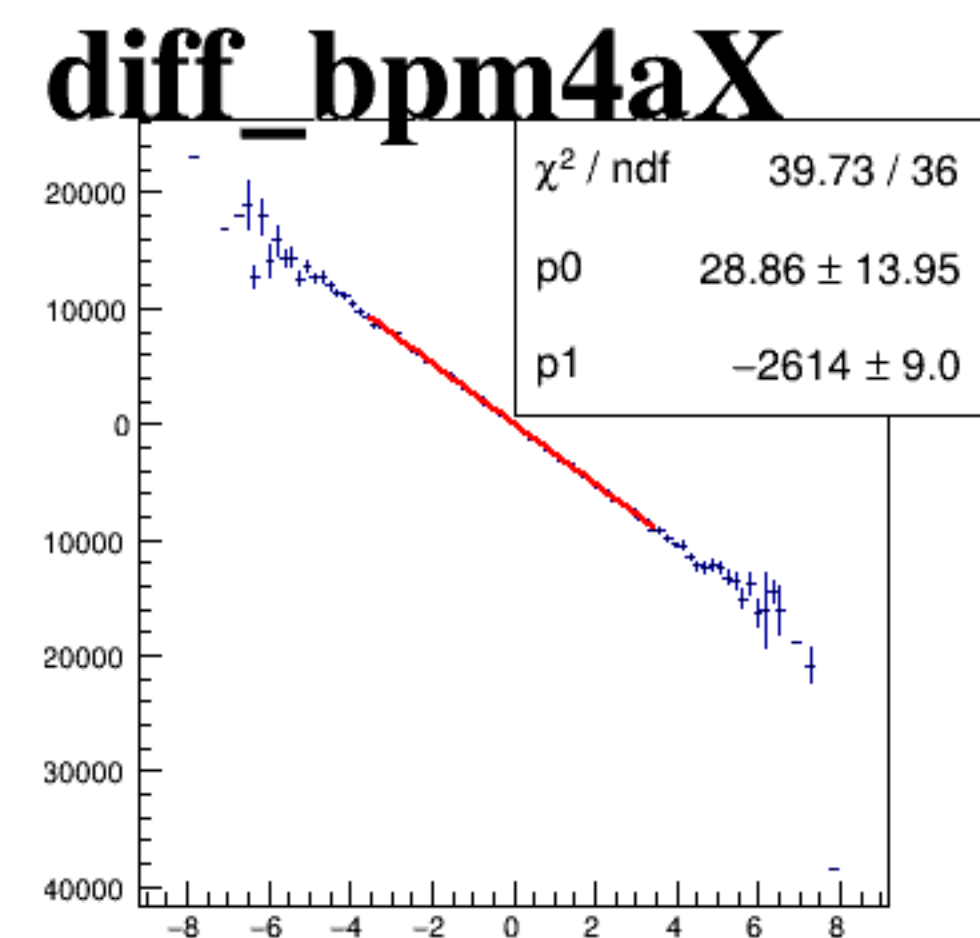
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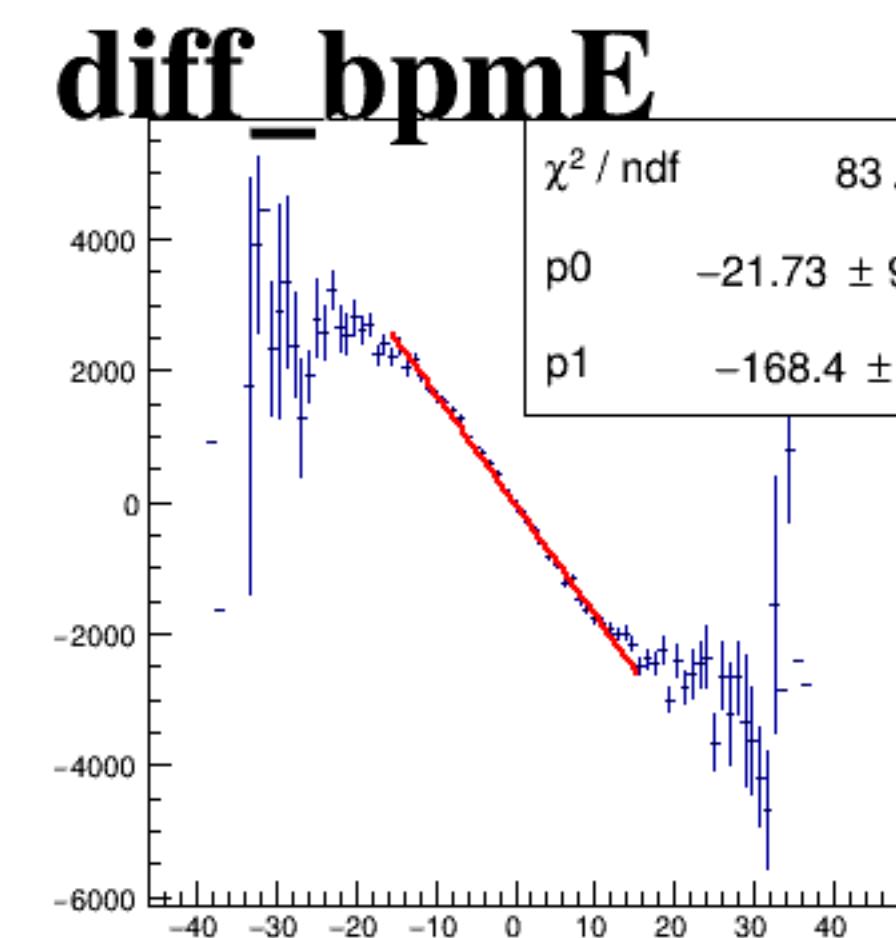
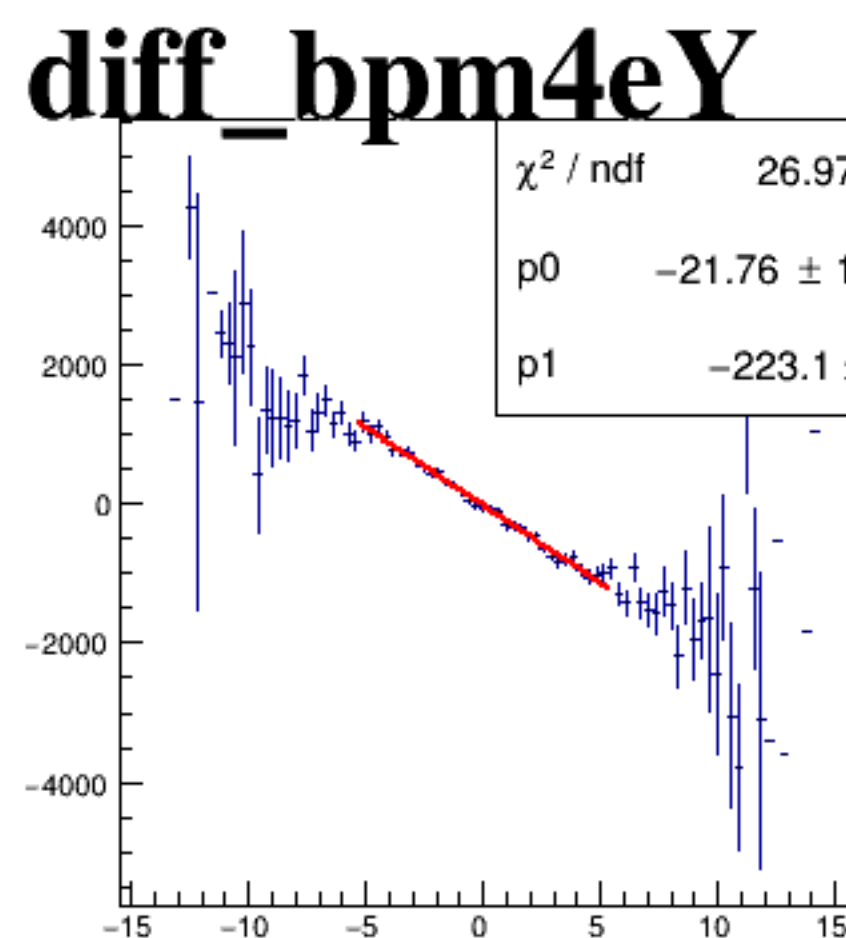
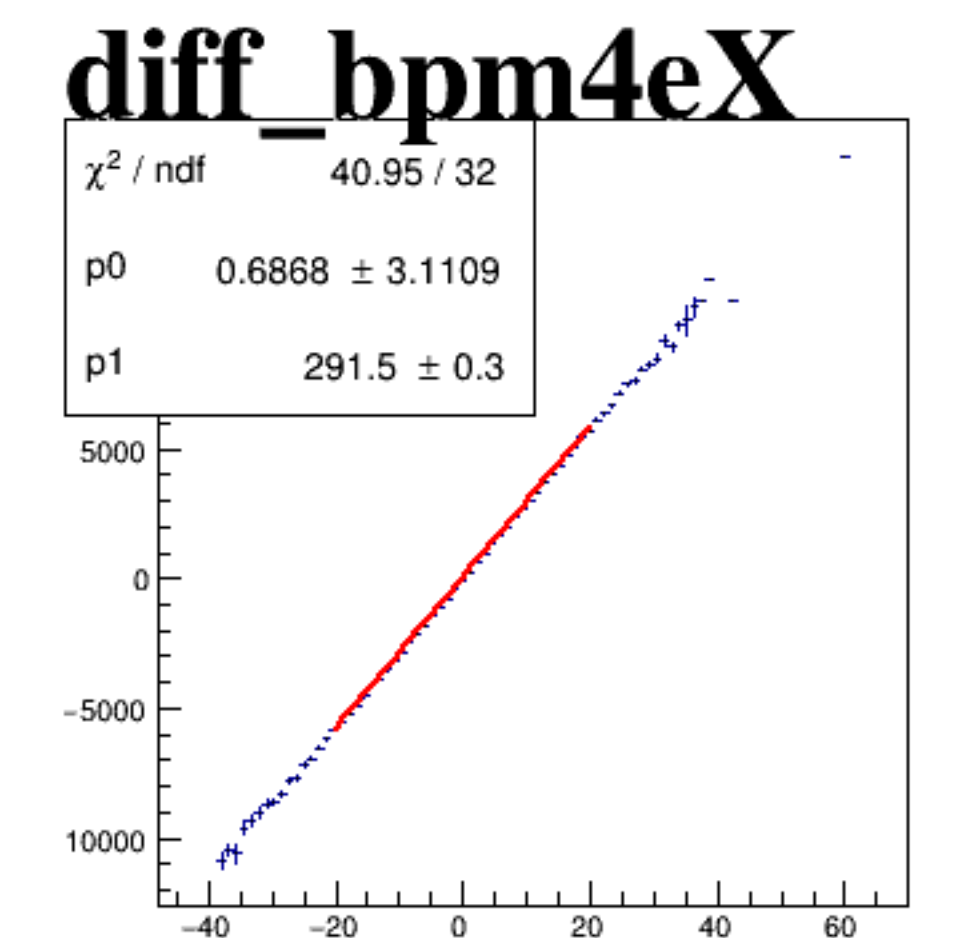
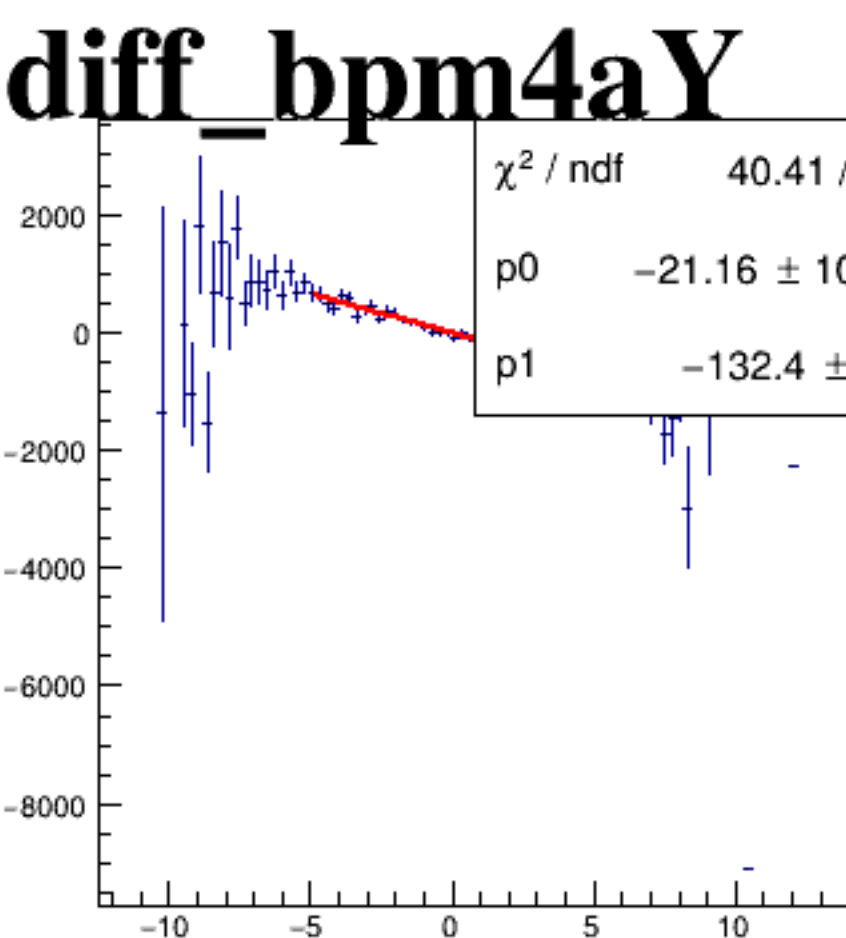
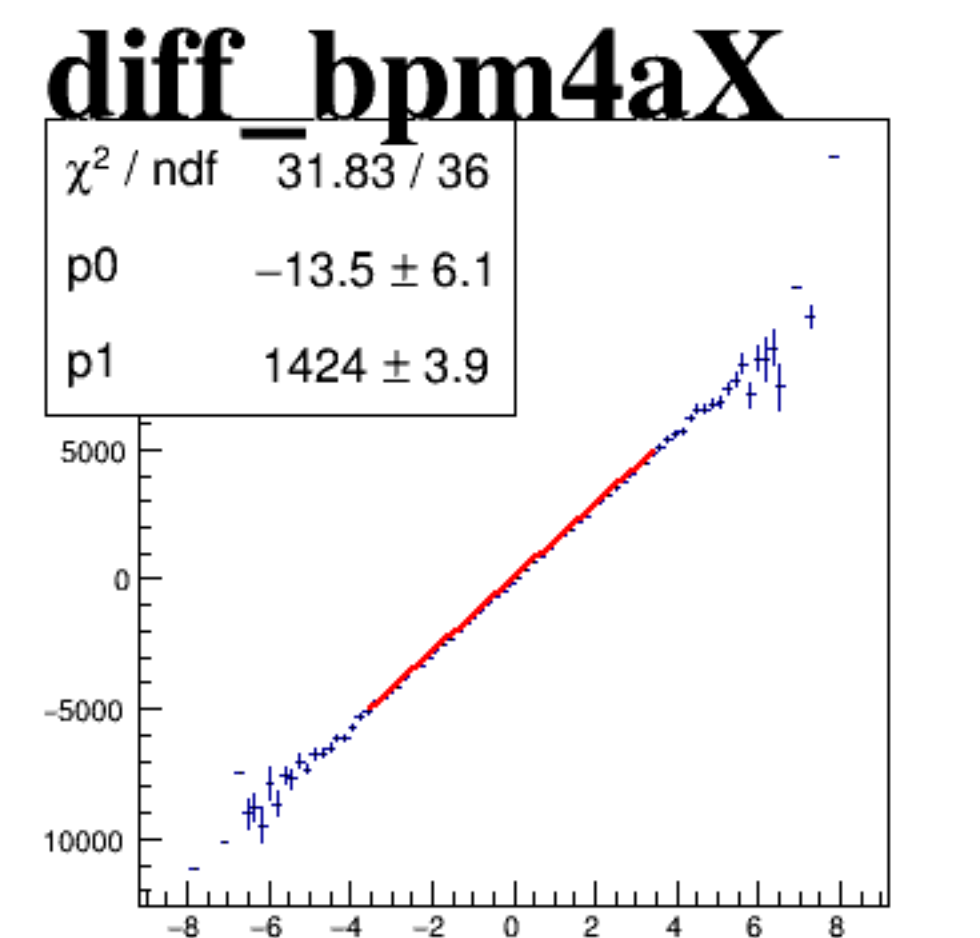
asym_sam2



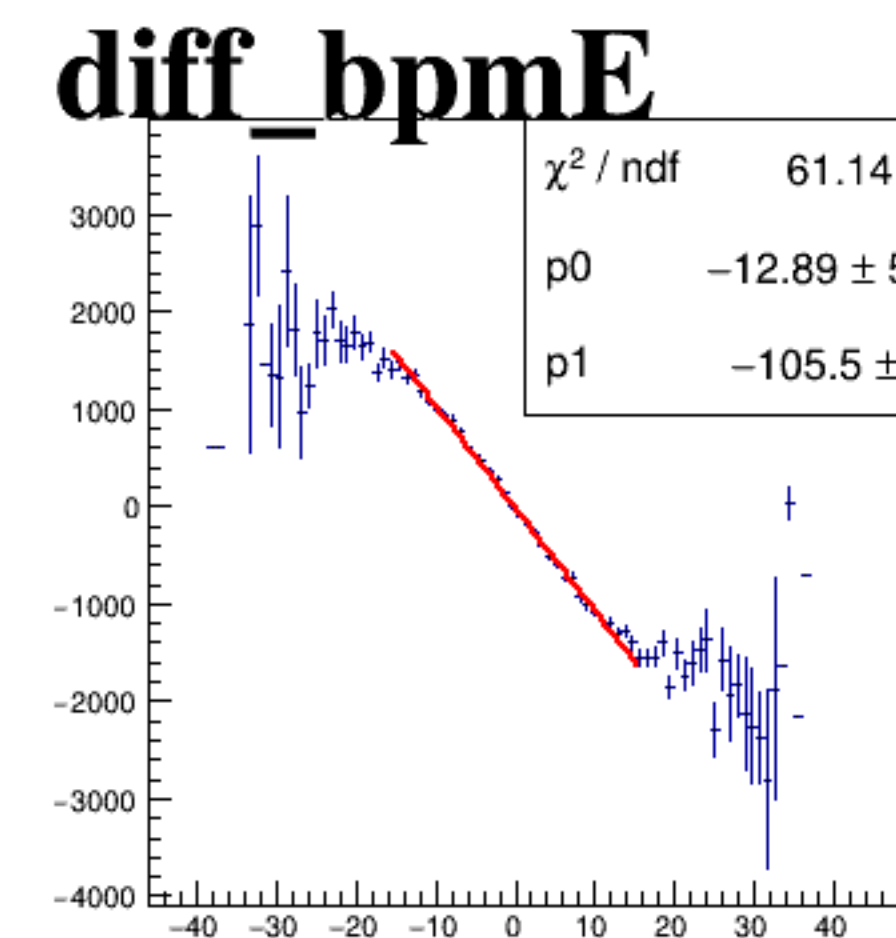
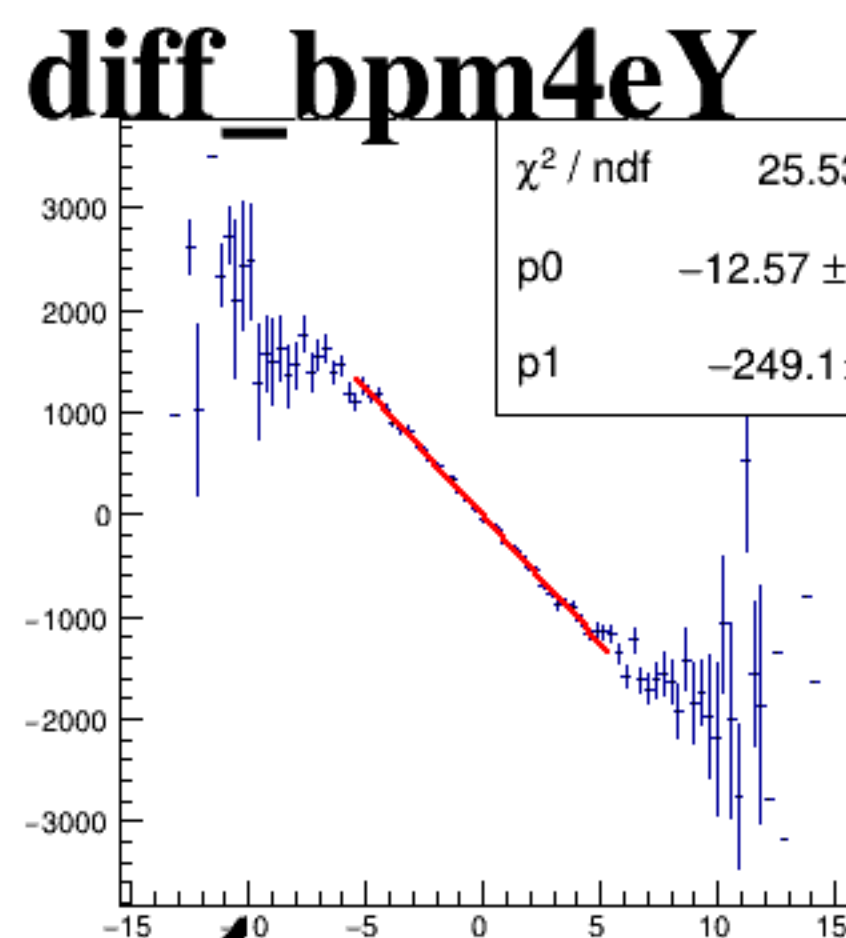
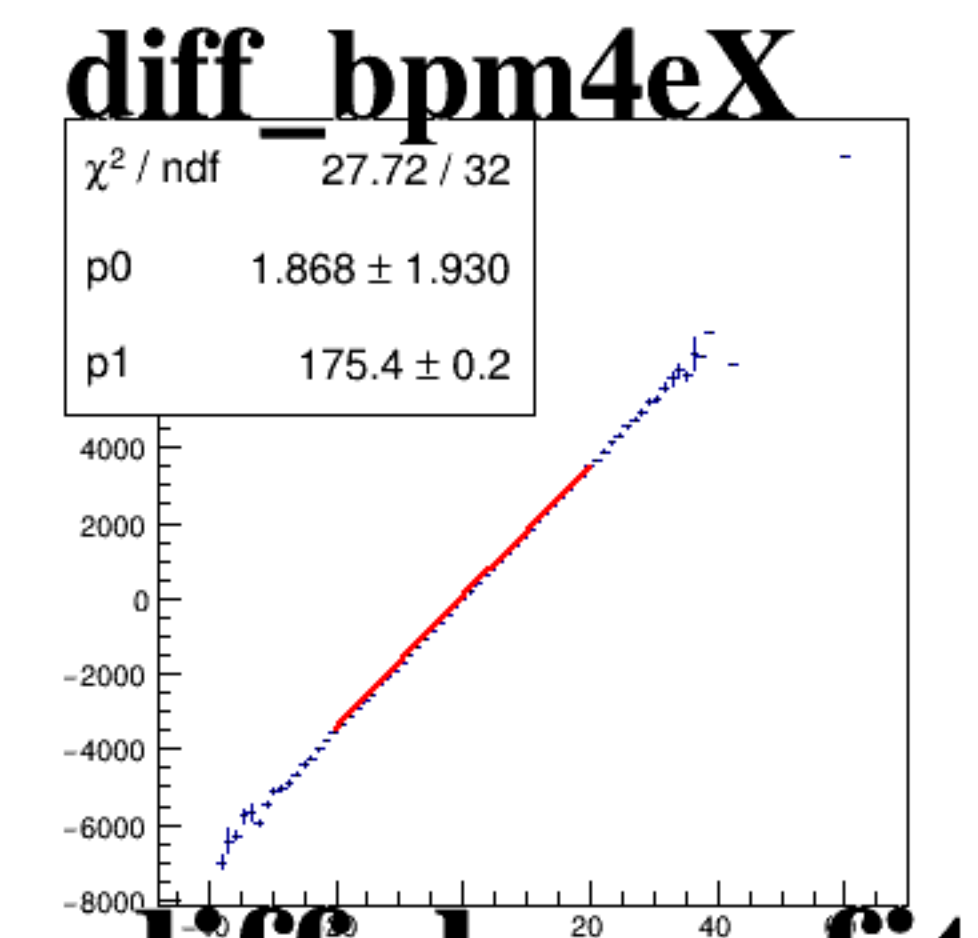
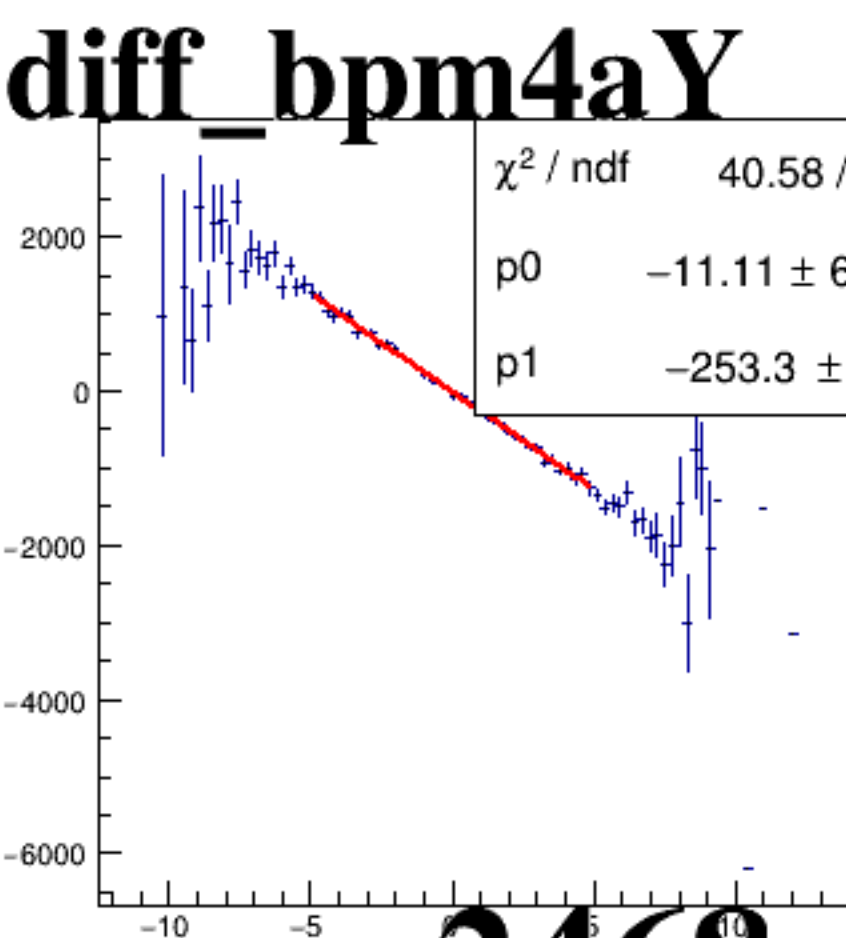
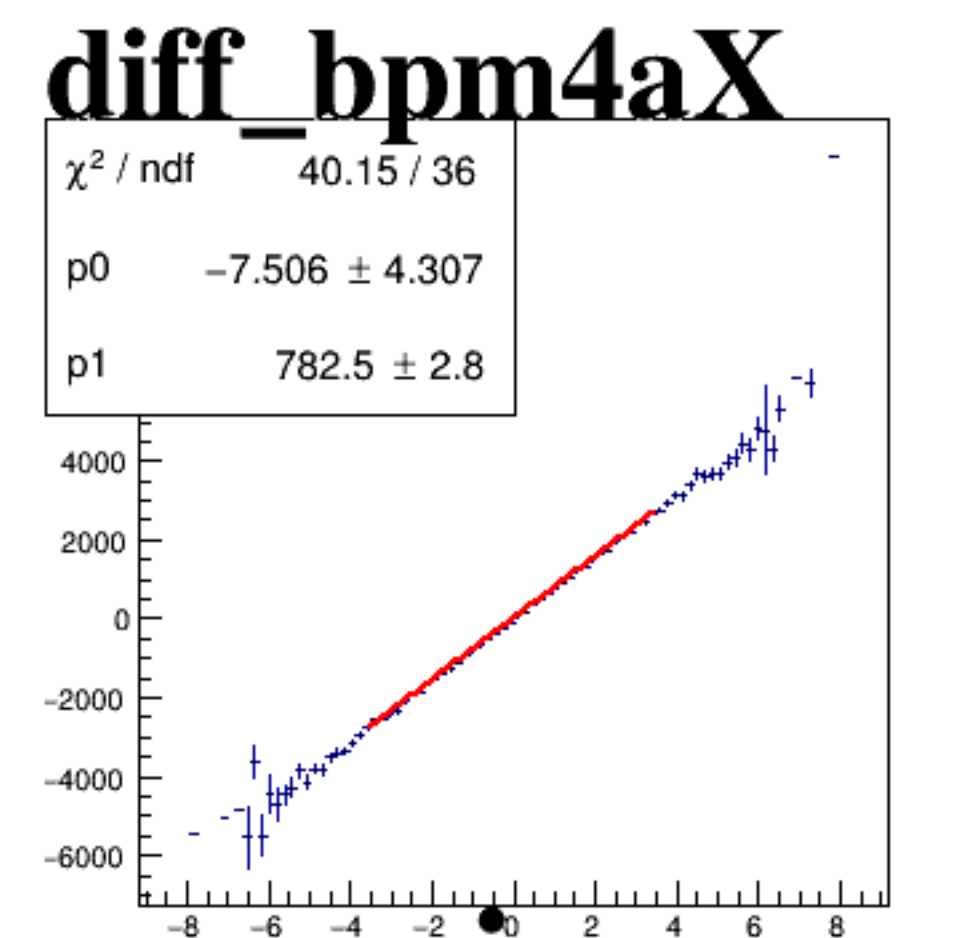
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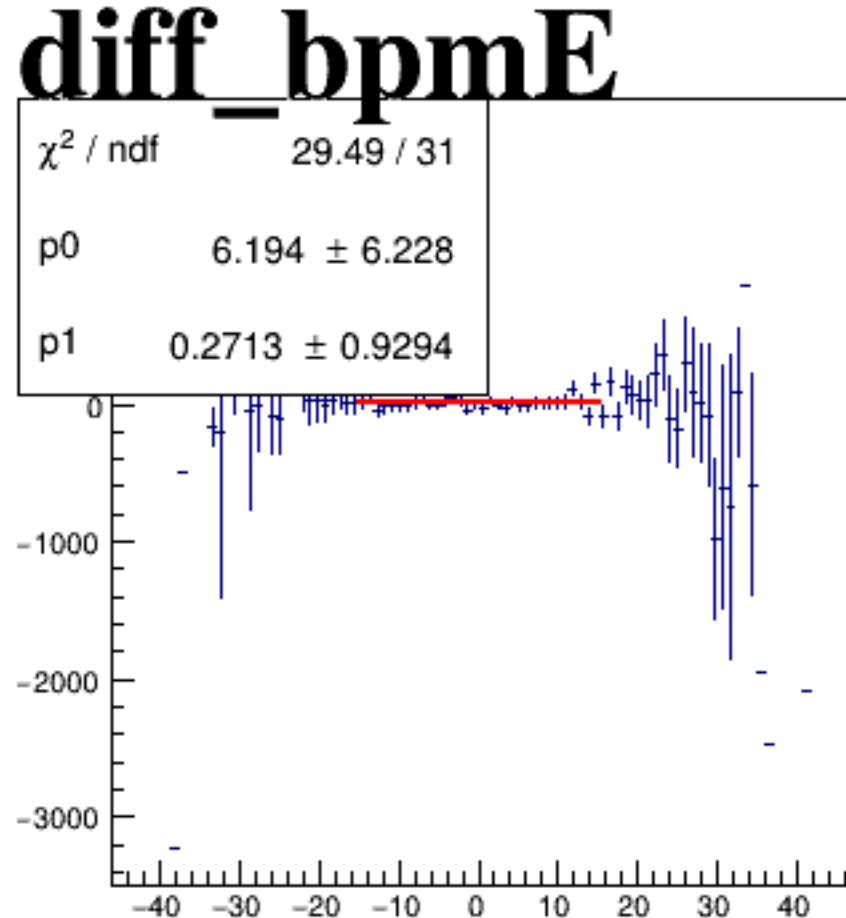
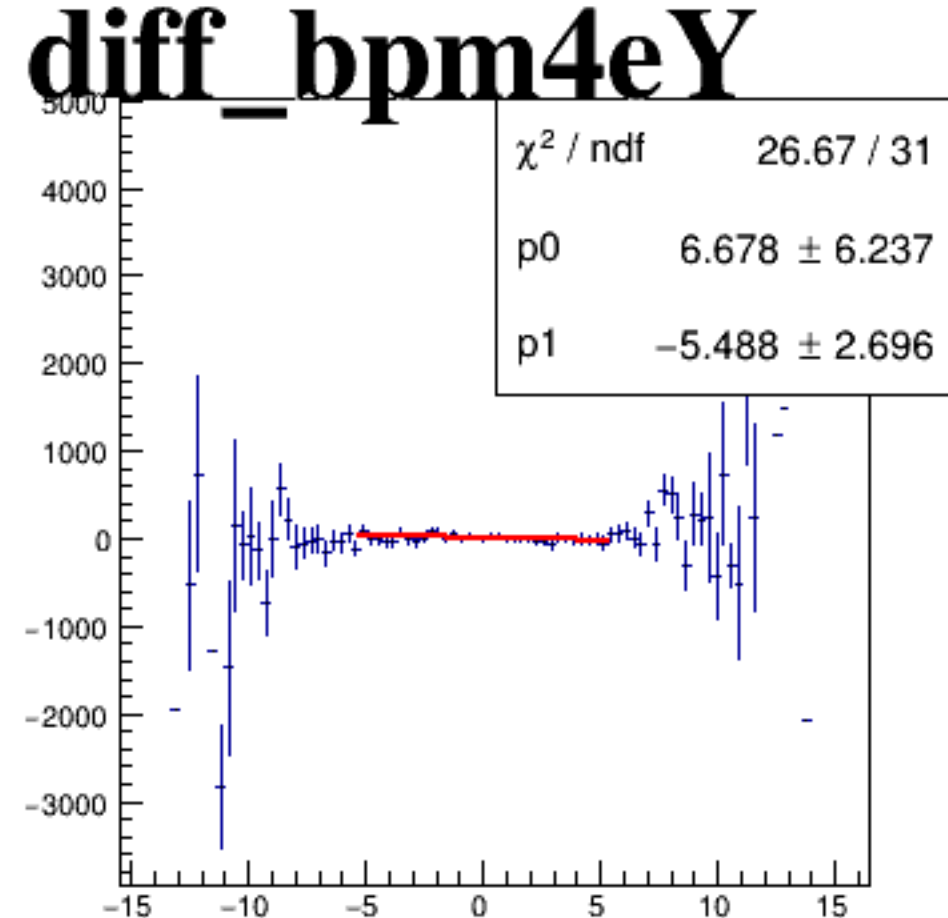
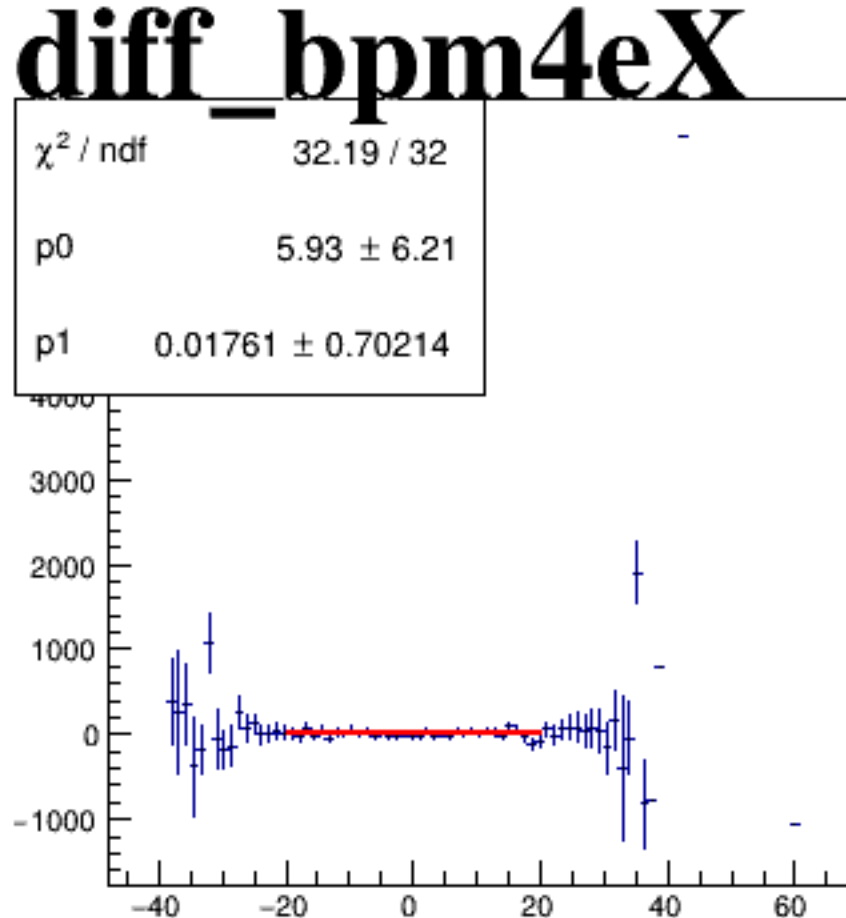
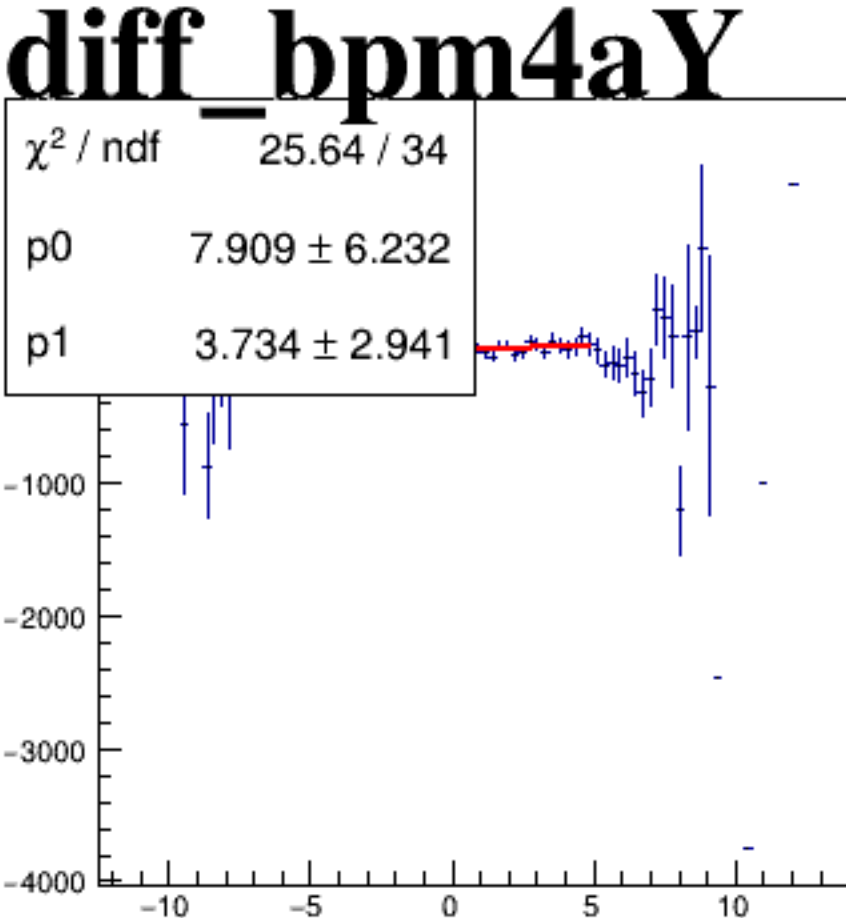
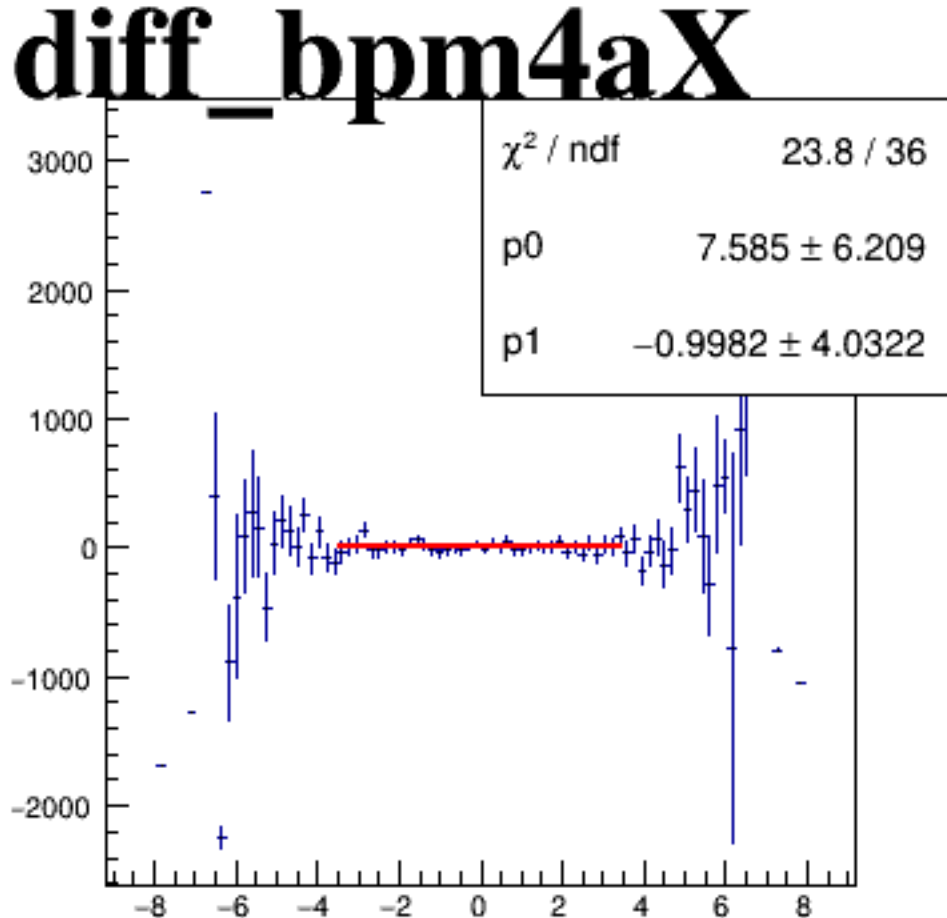
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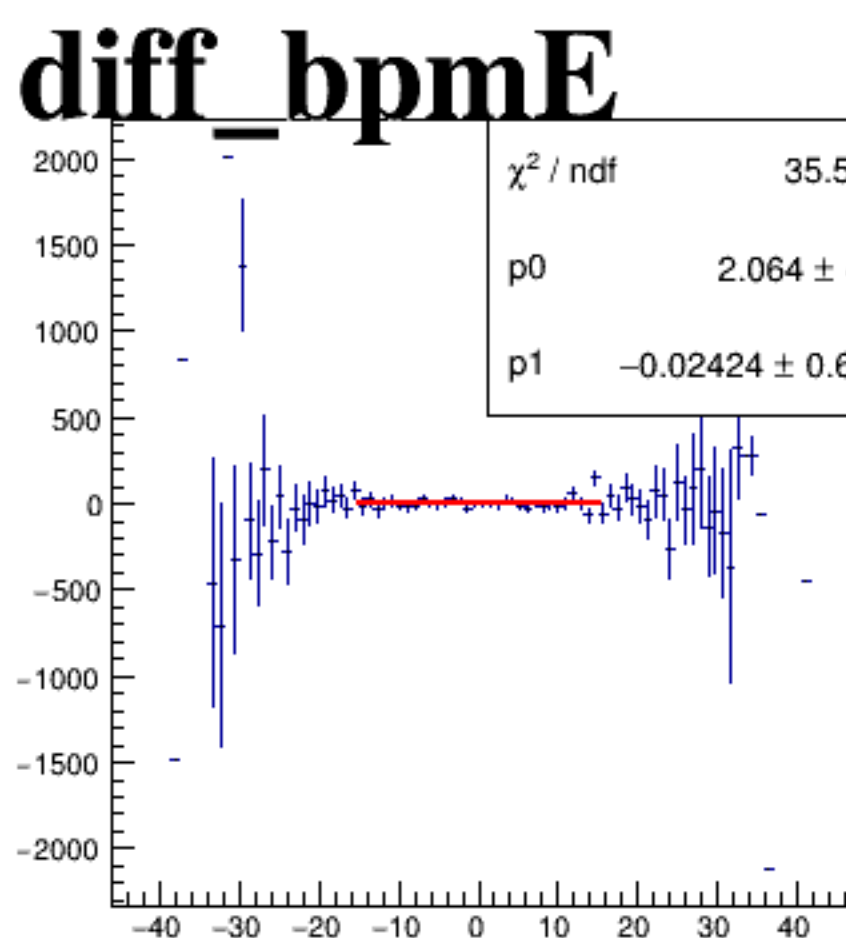
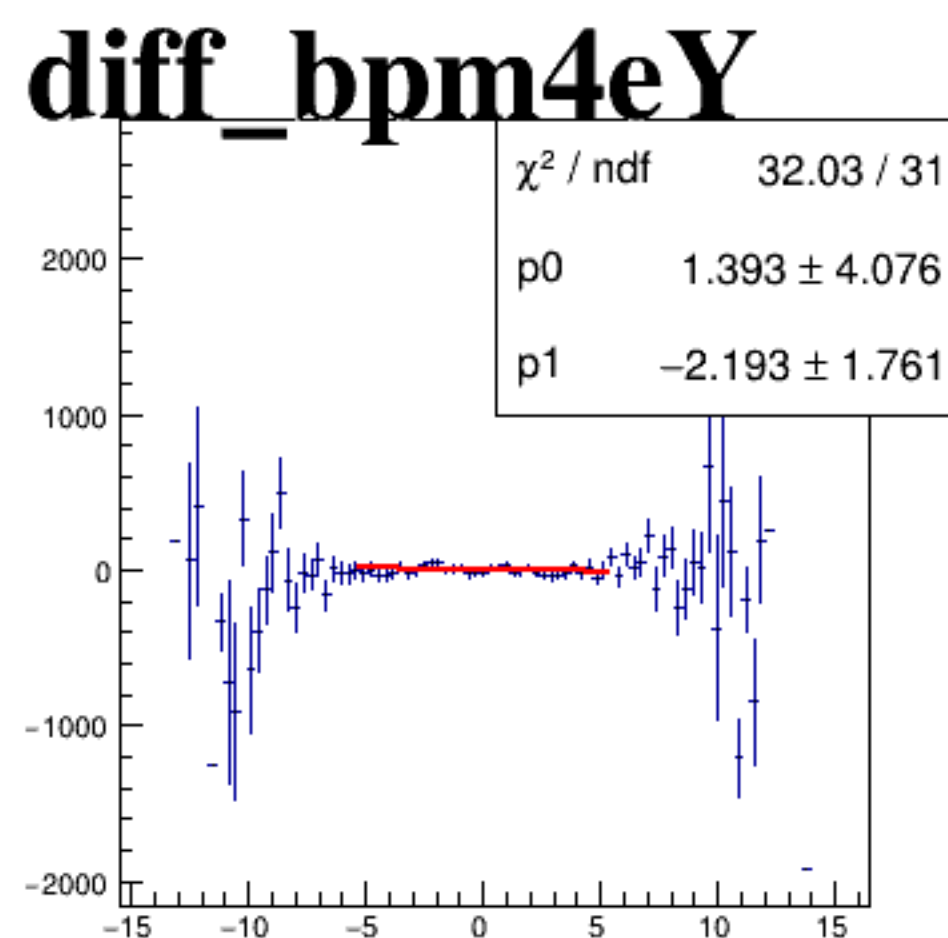
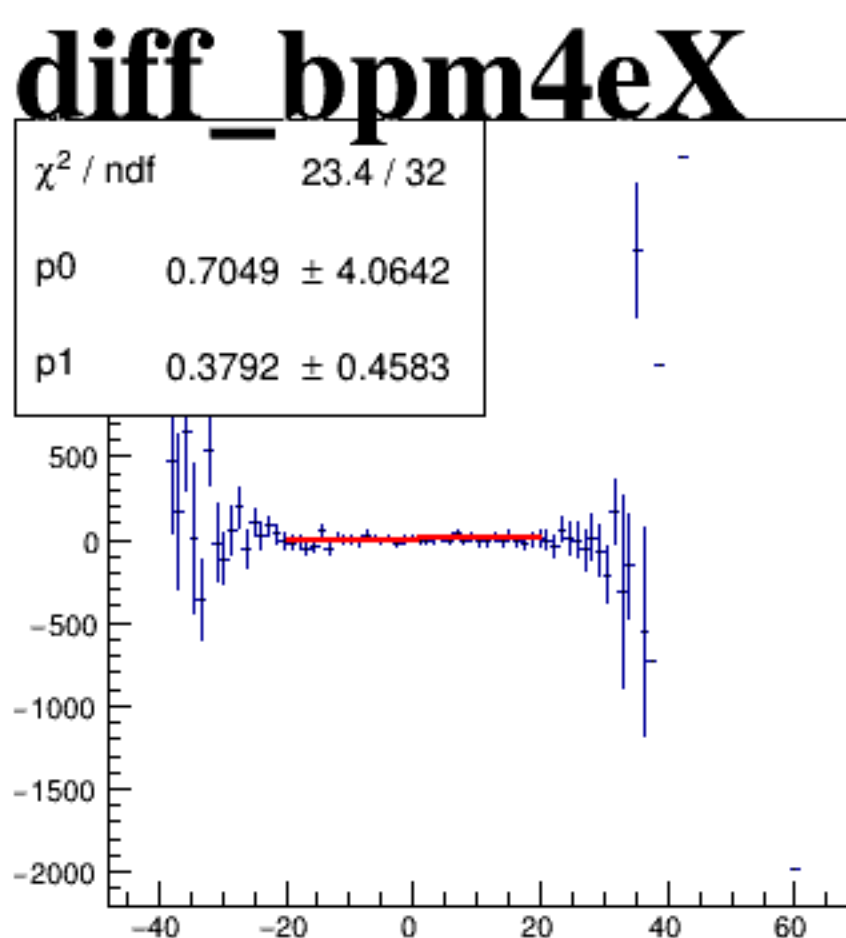
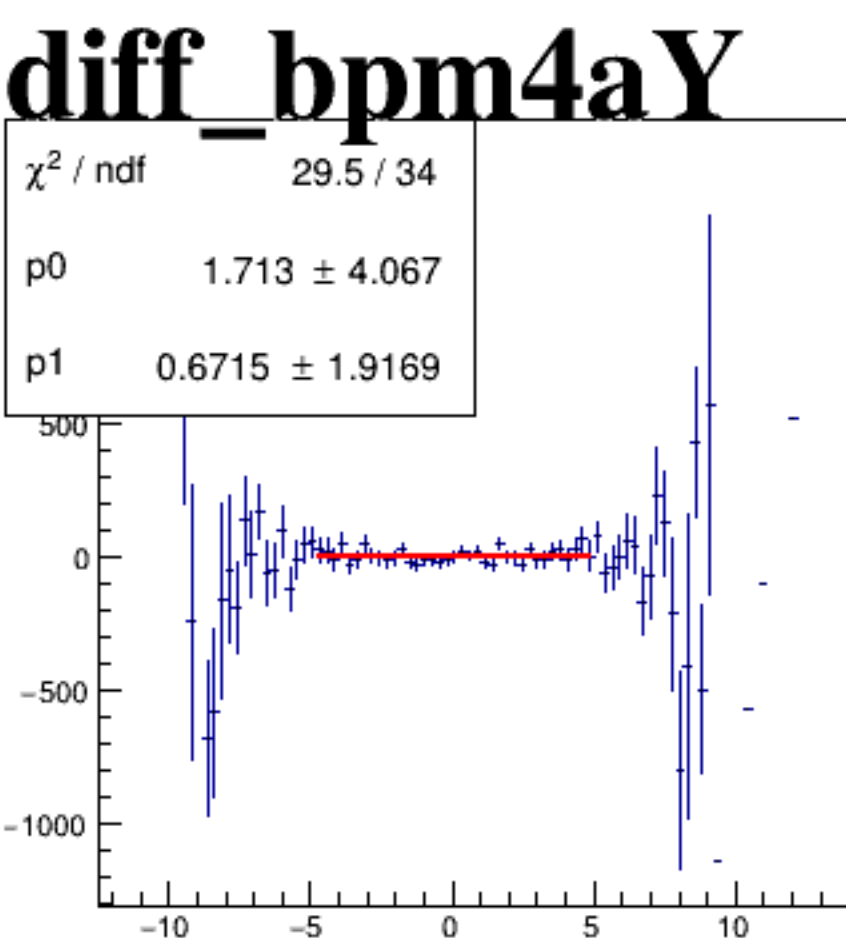
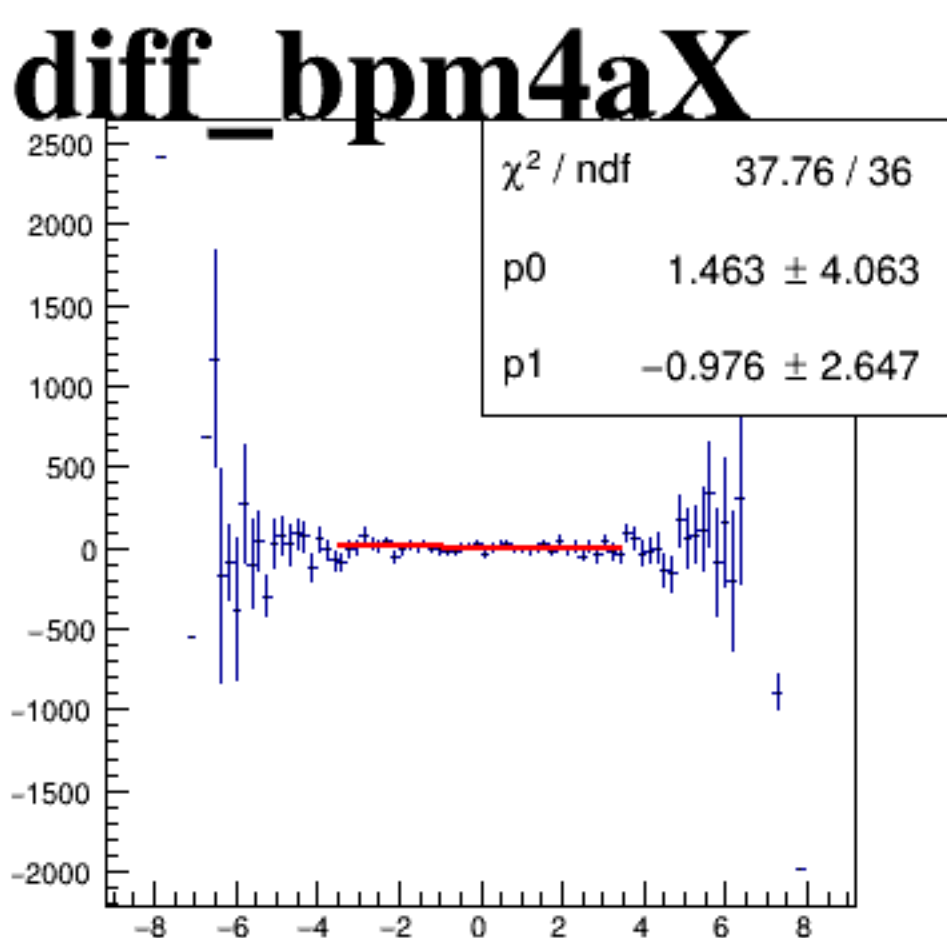
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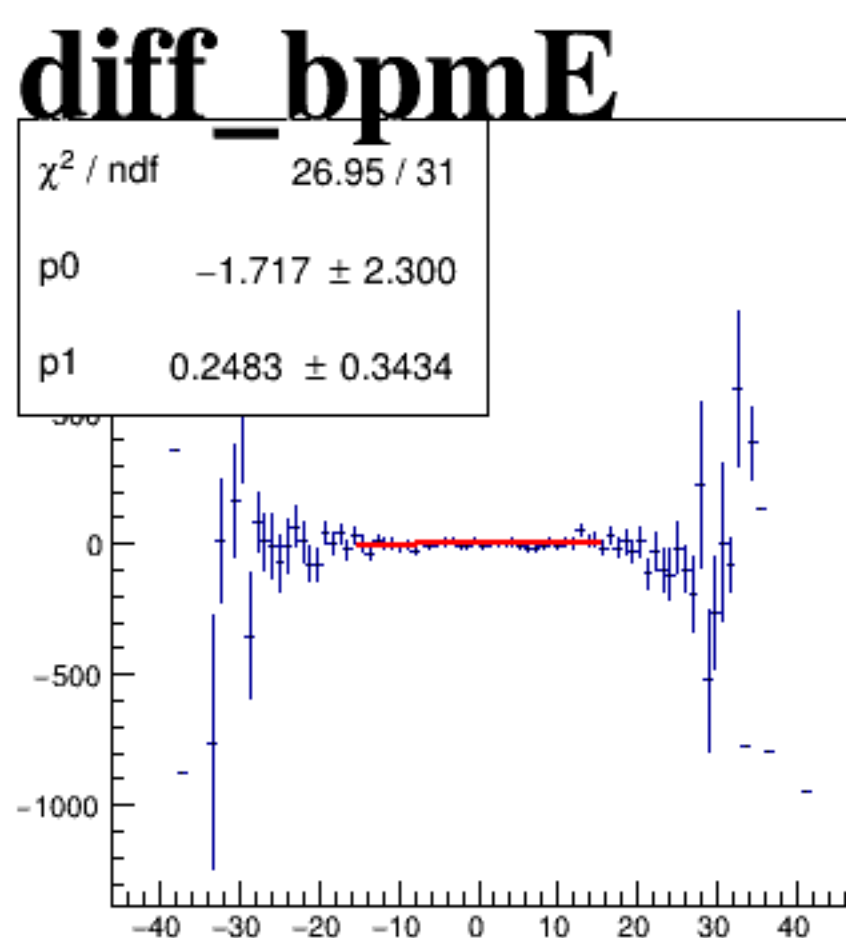
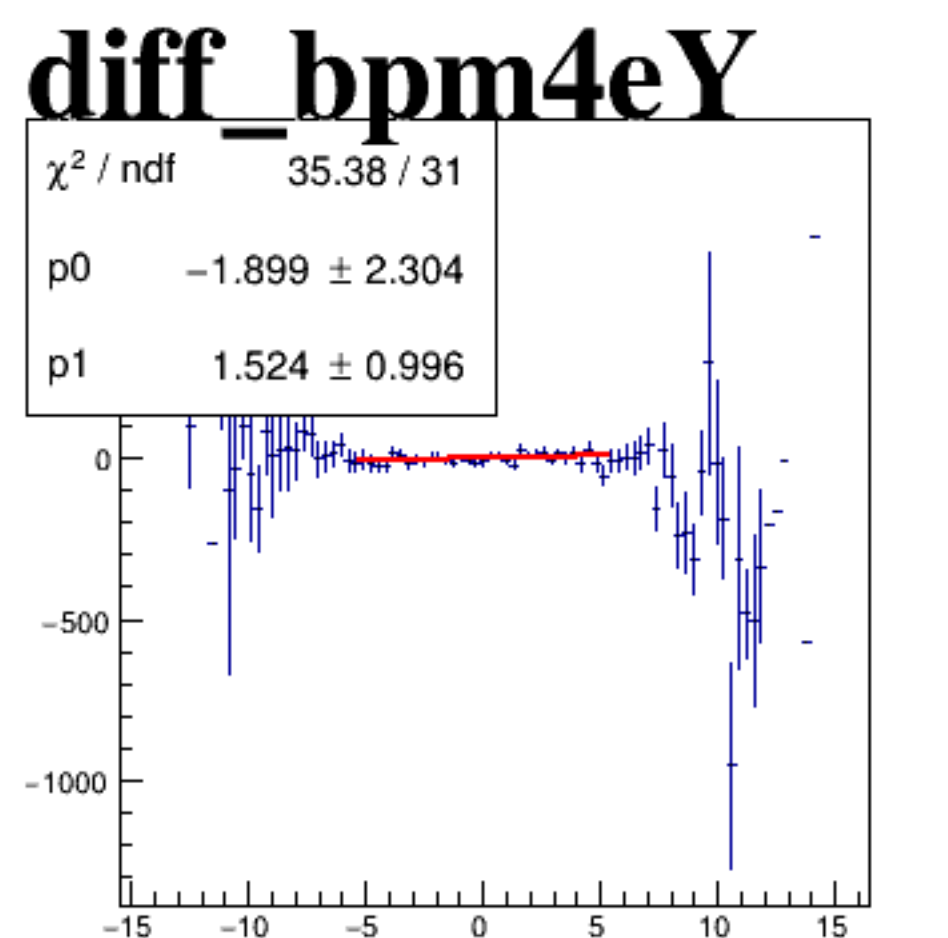
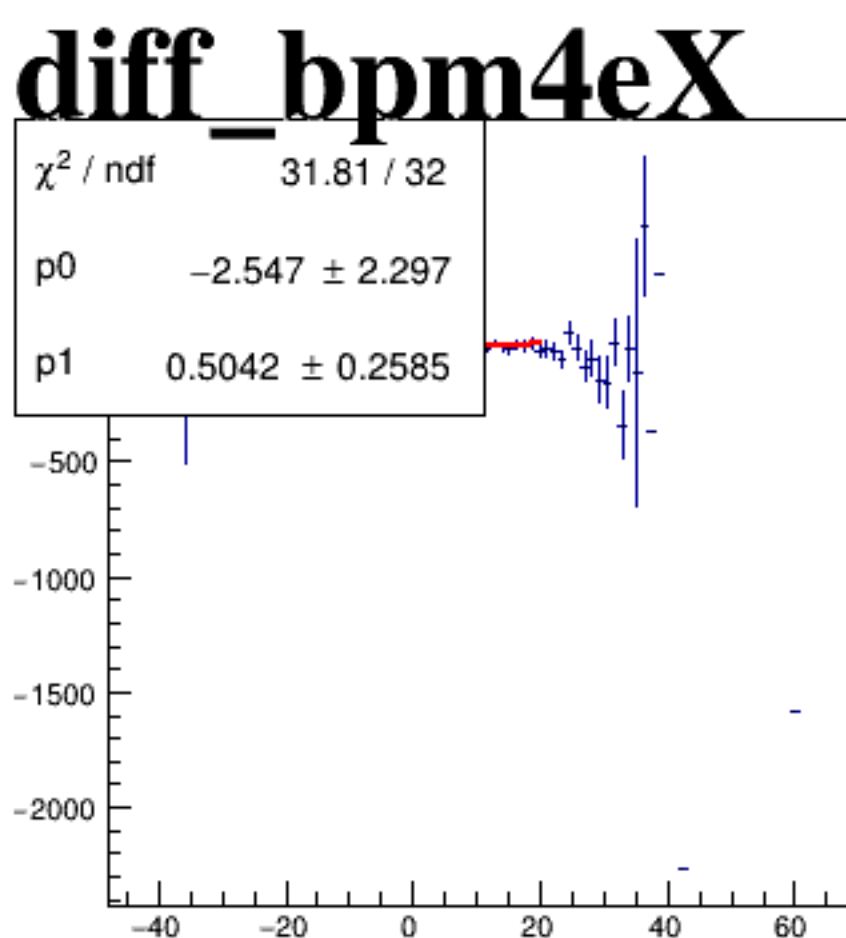
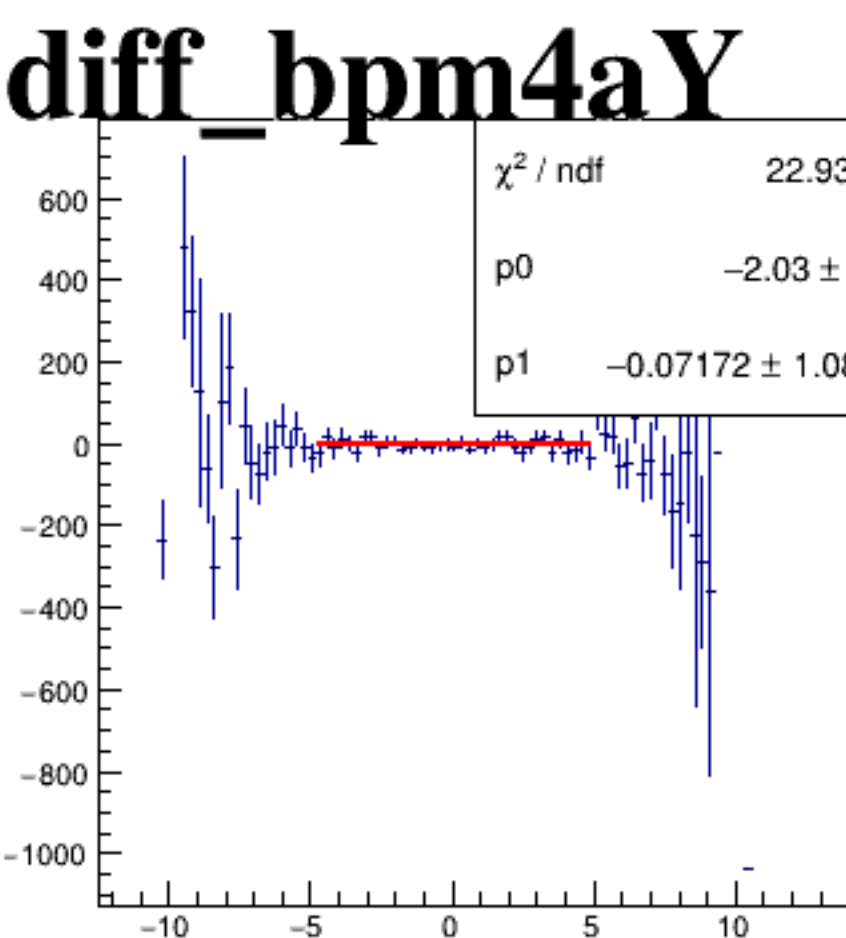
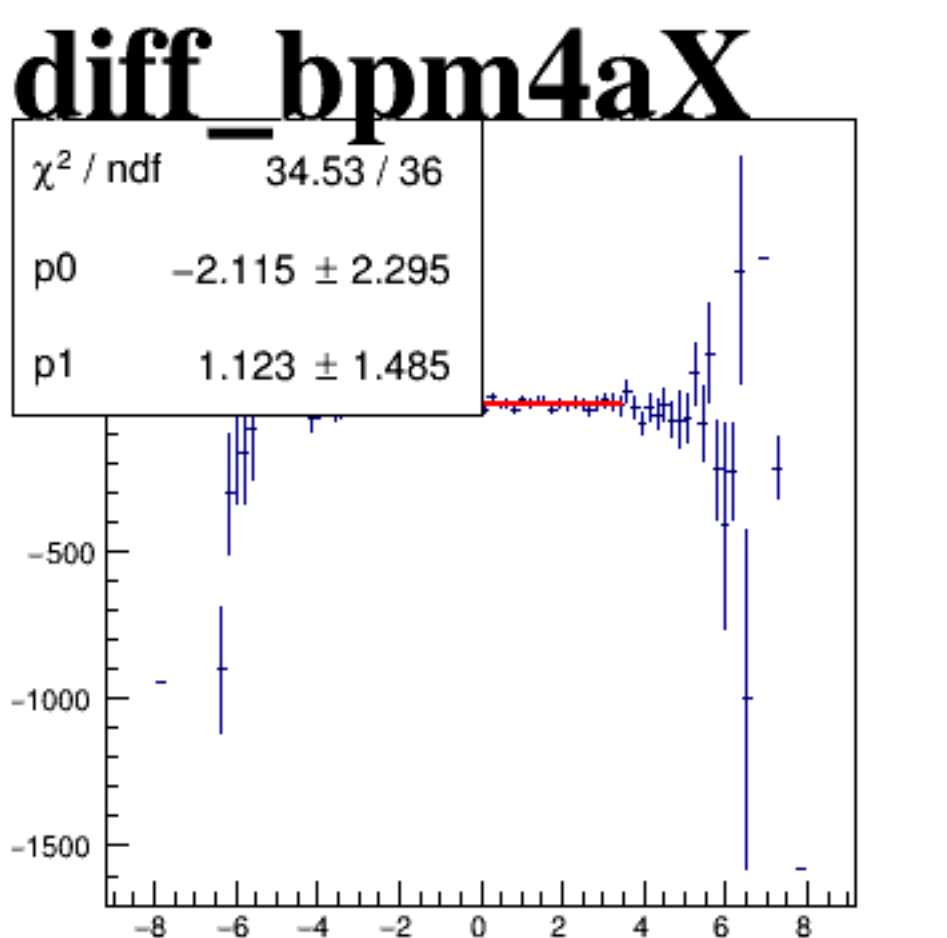
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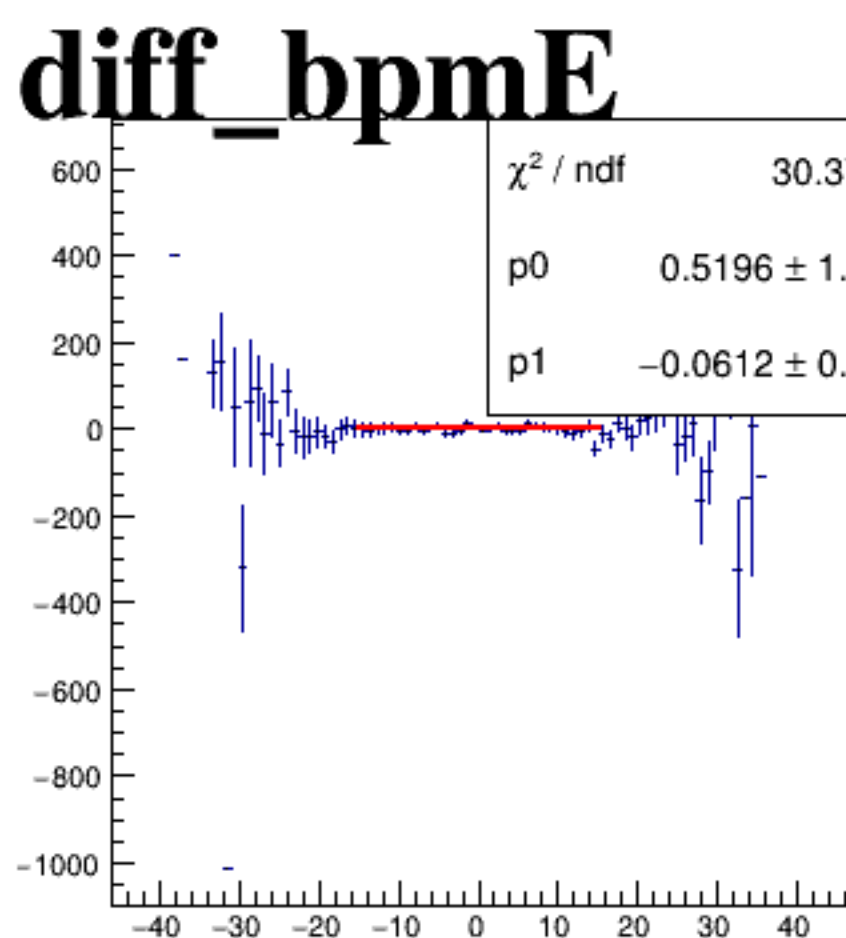
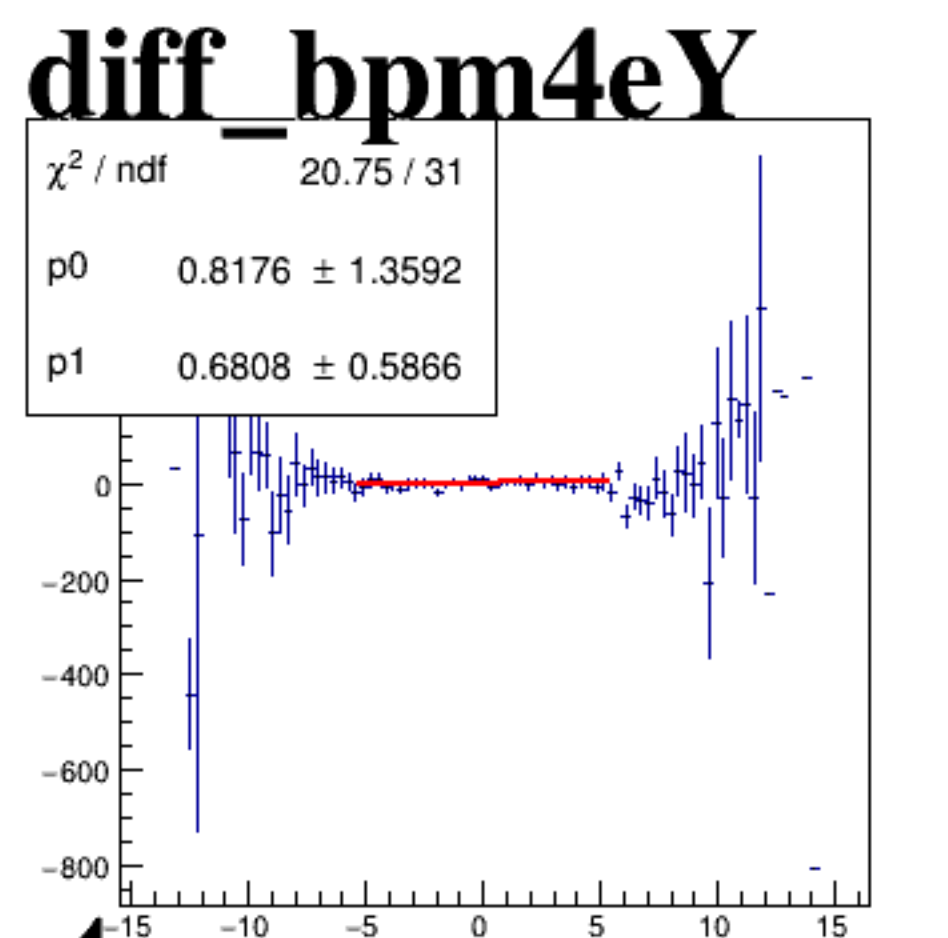
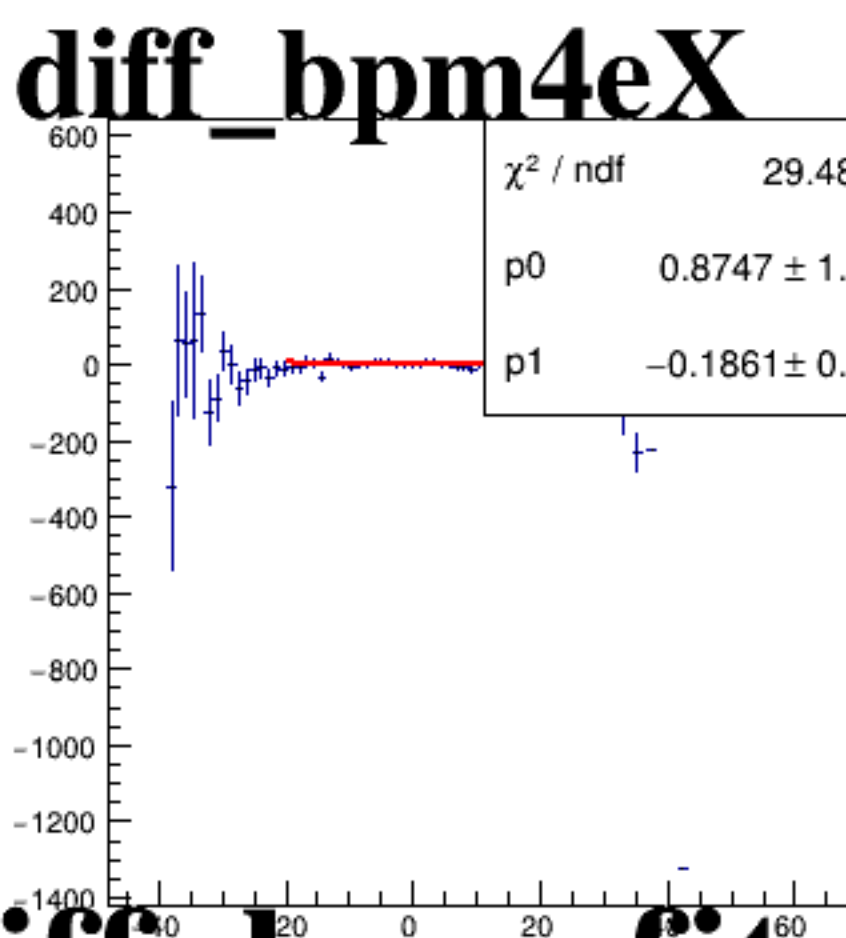
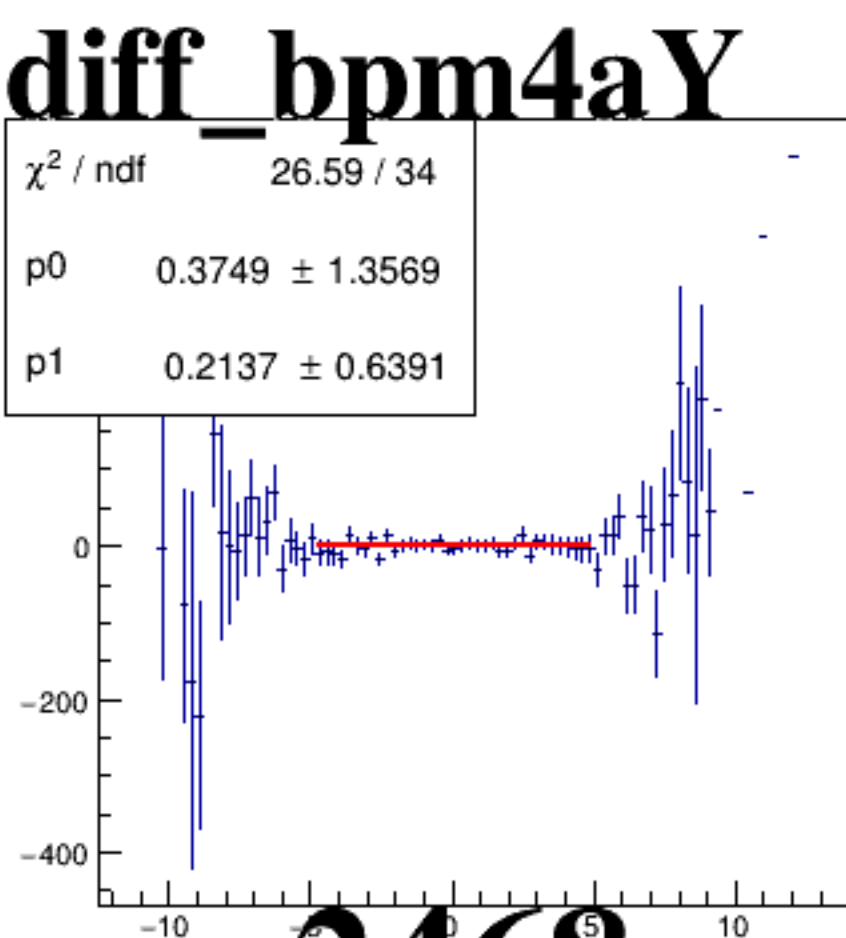
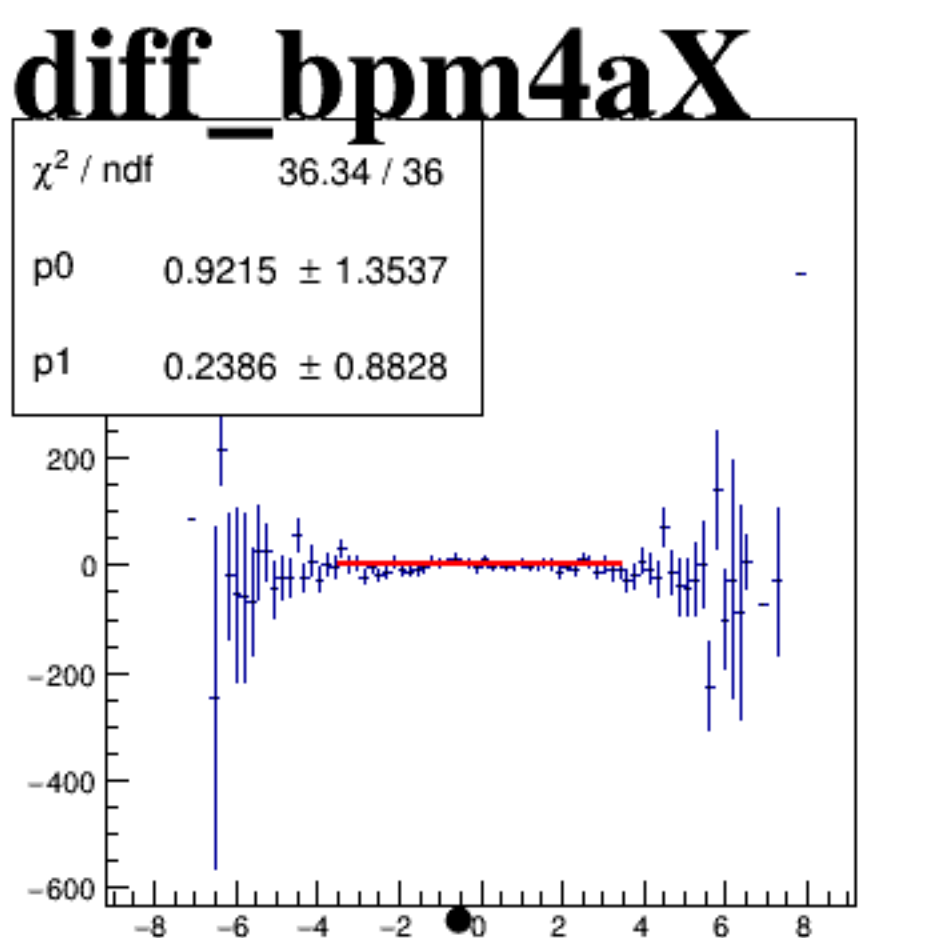
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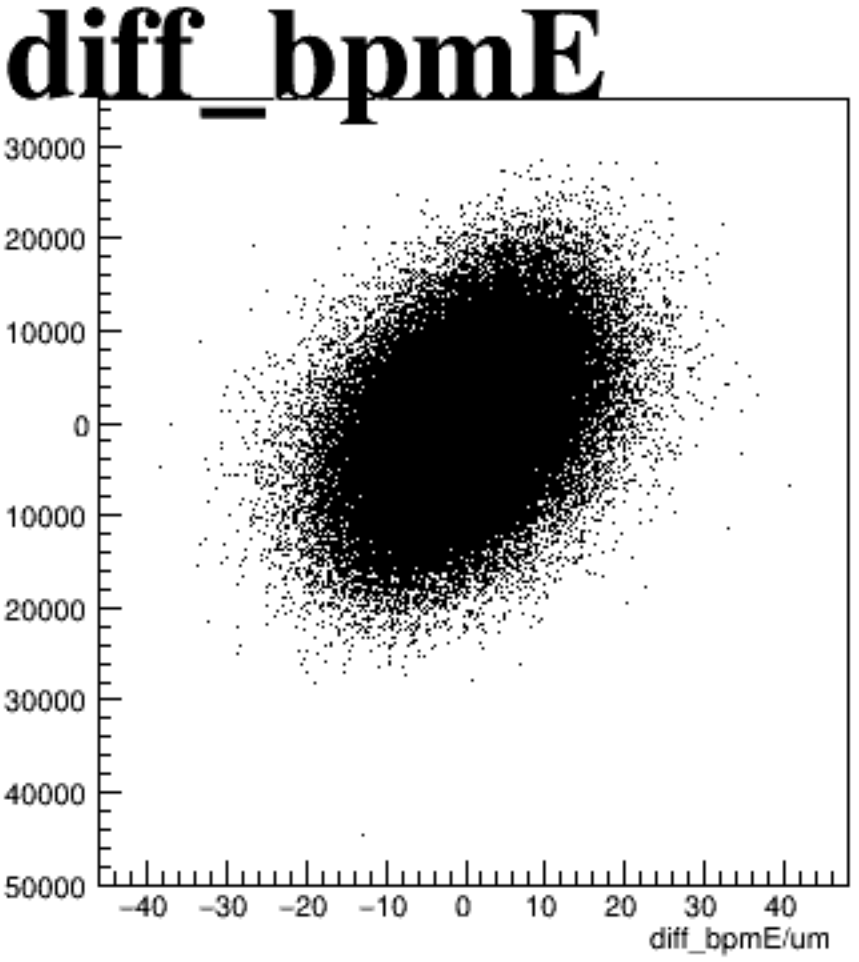
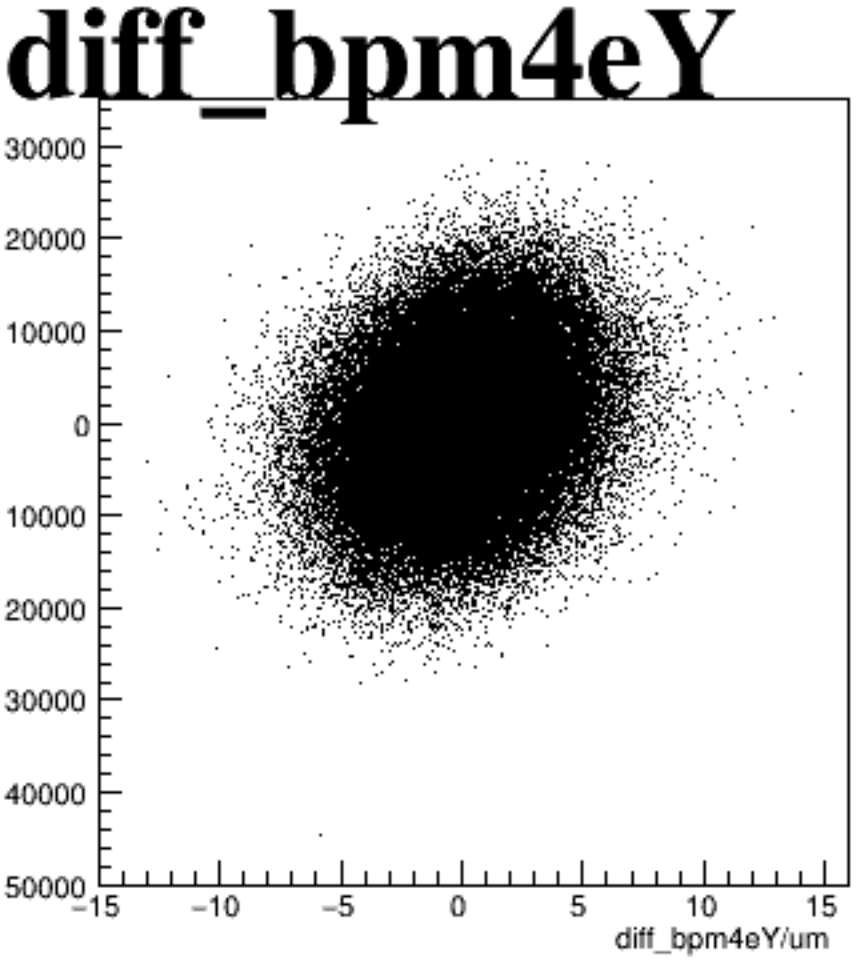
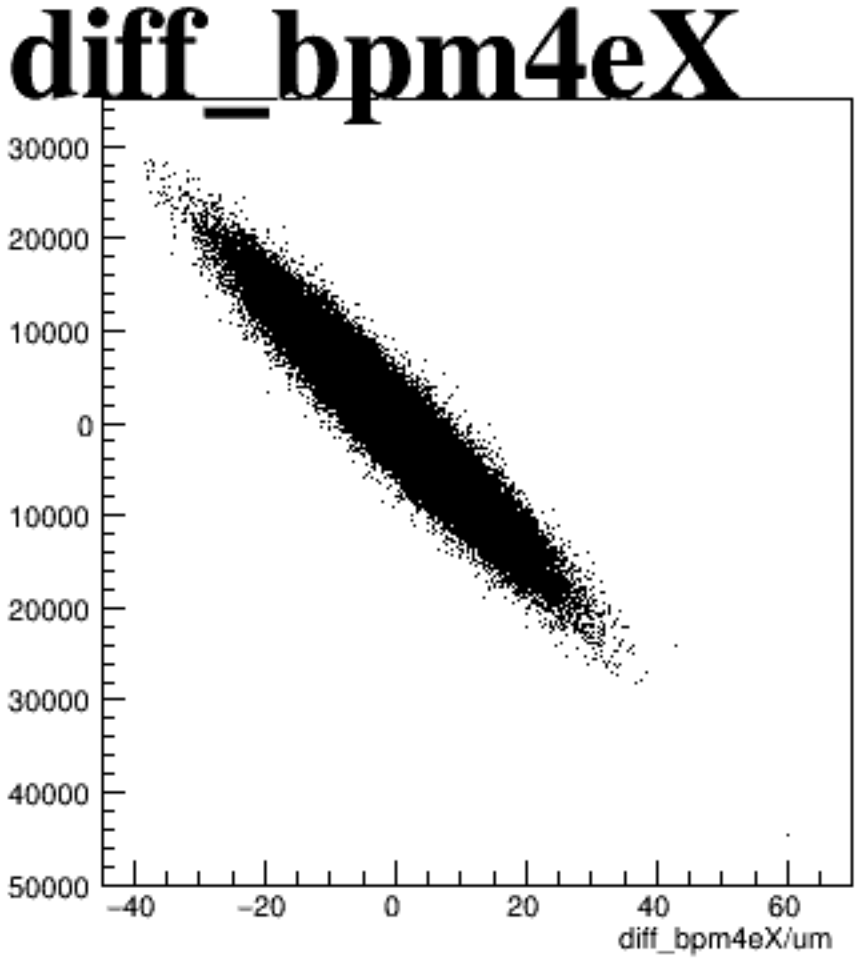
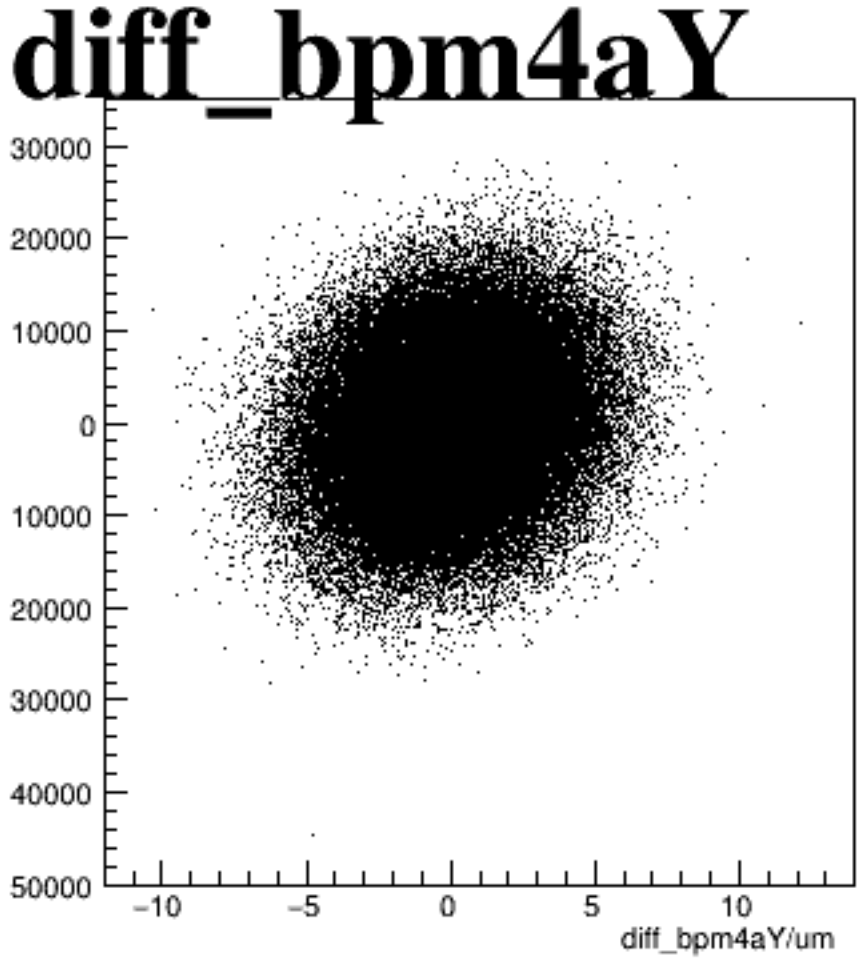
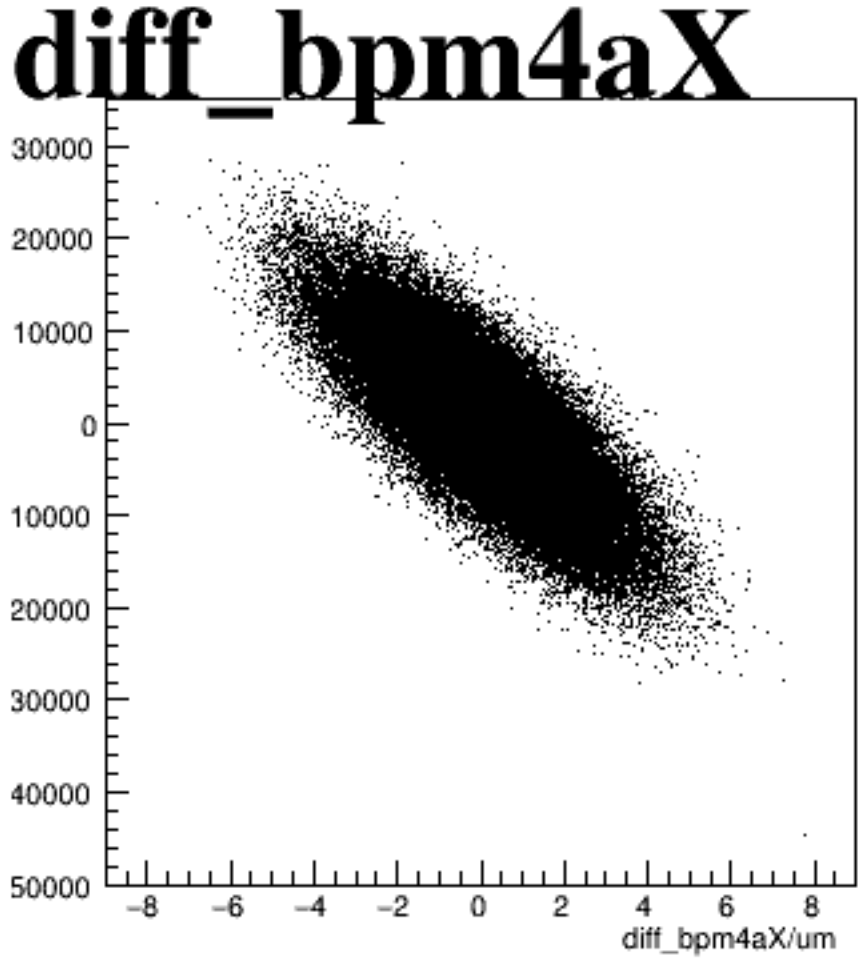
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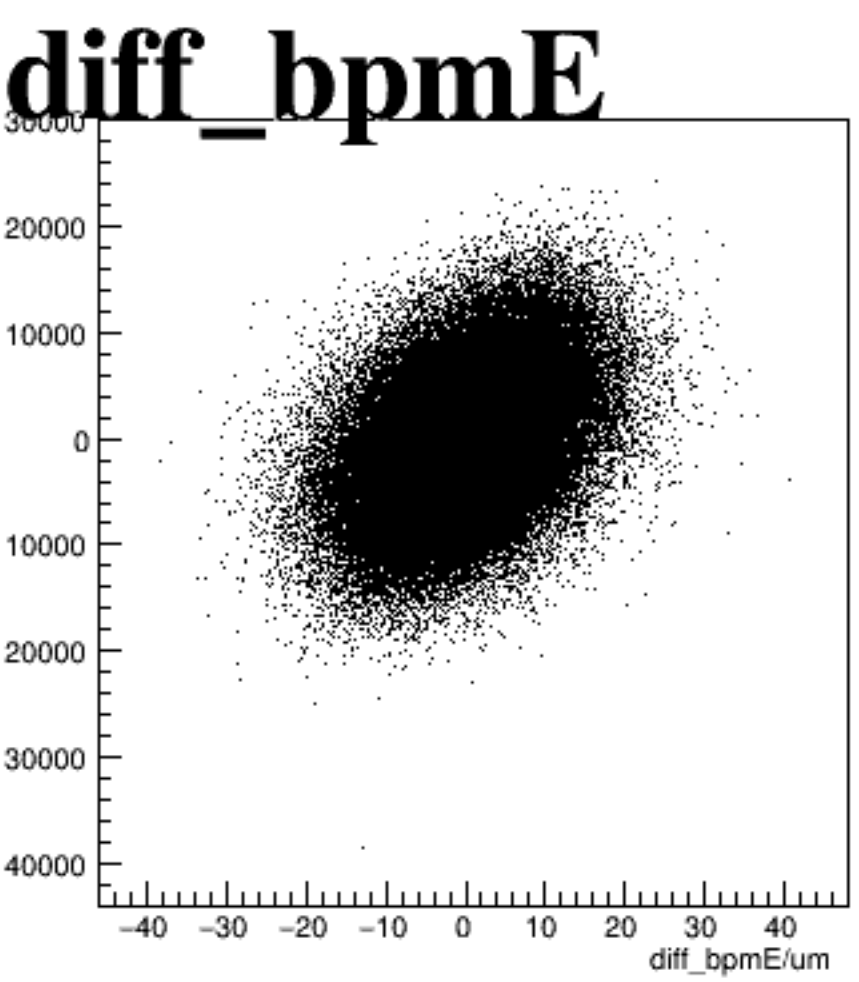
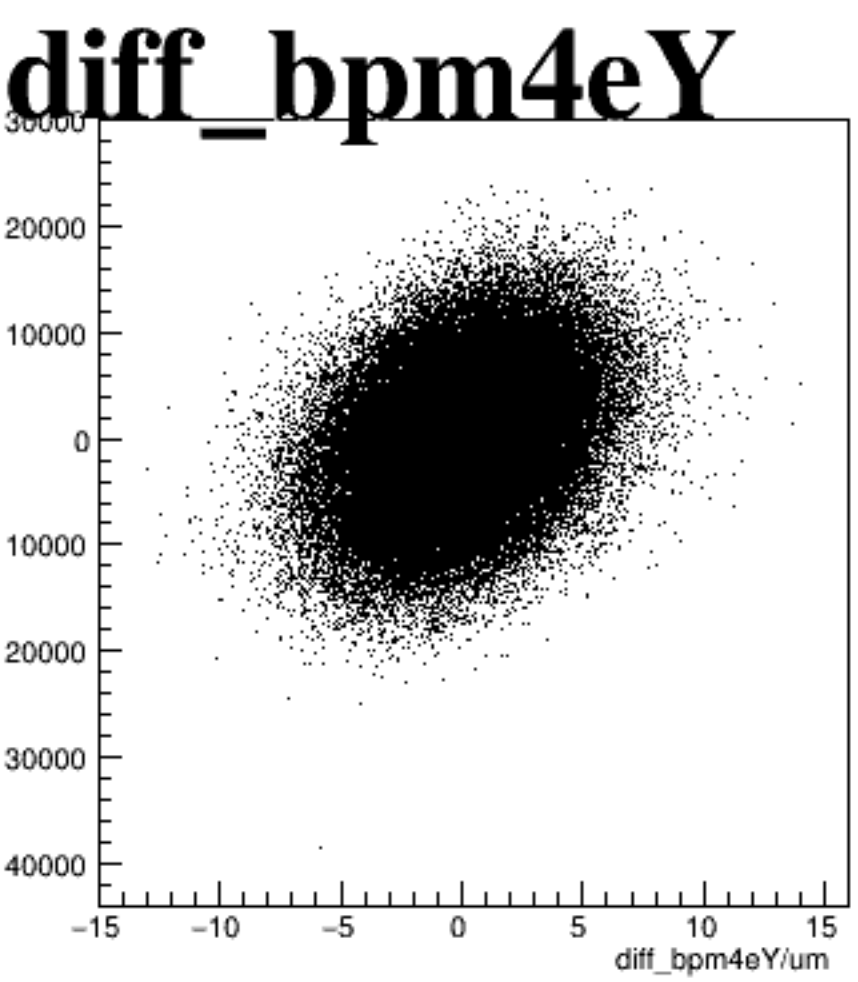
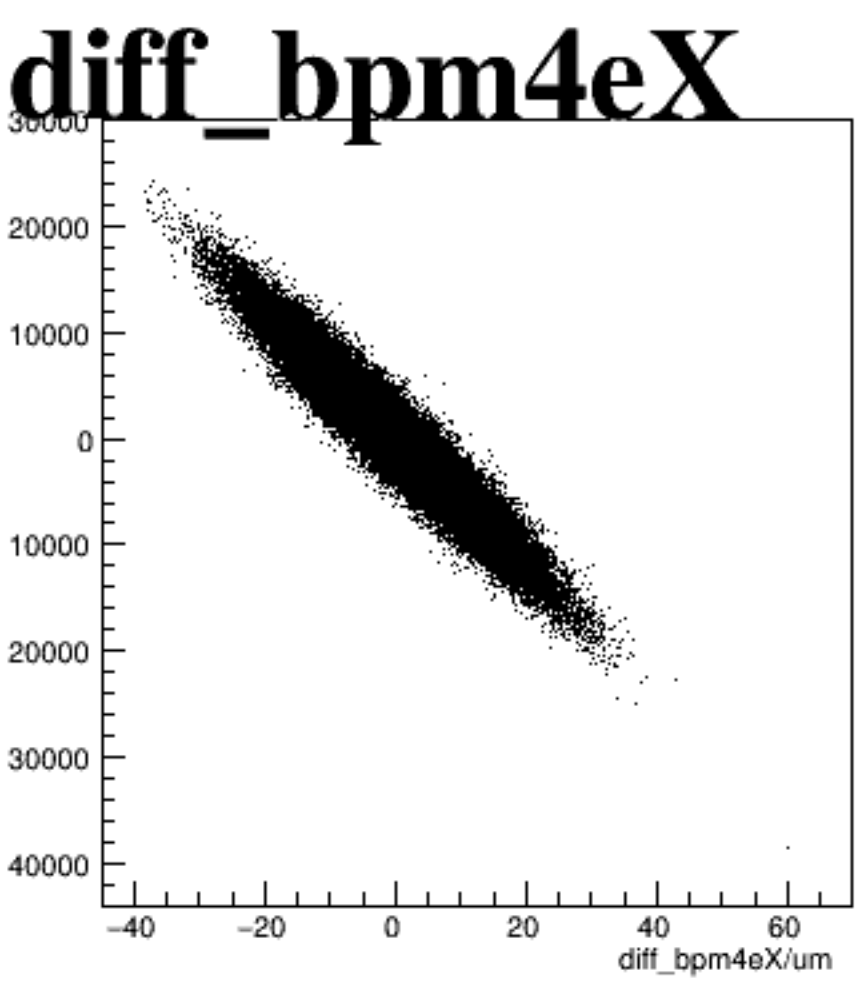
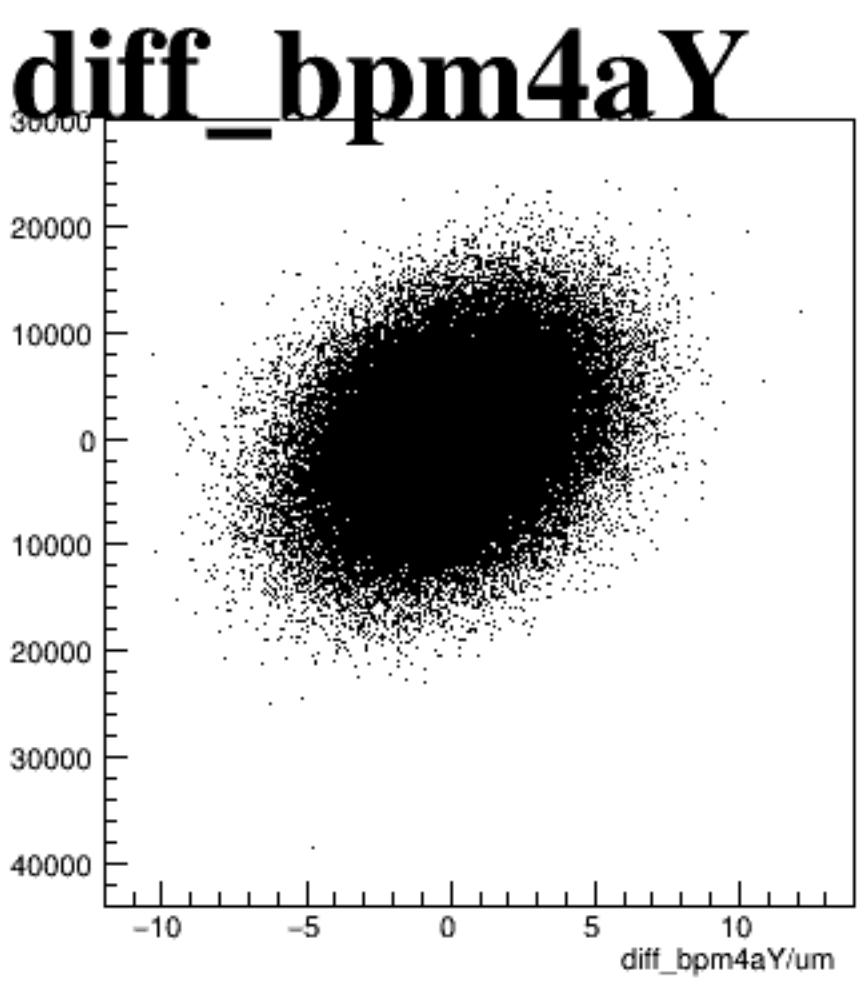
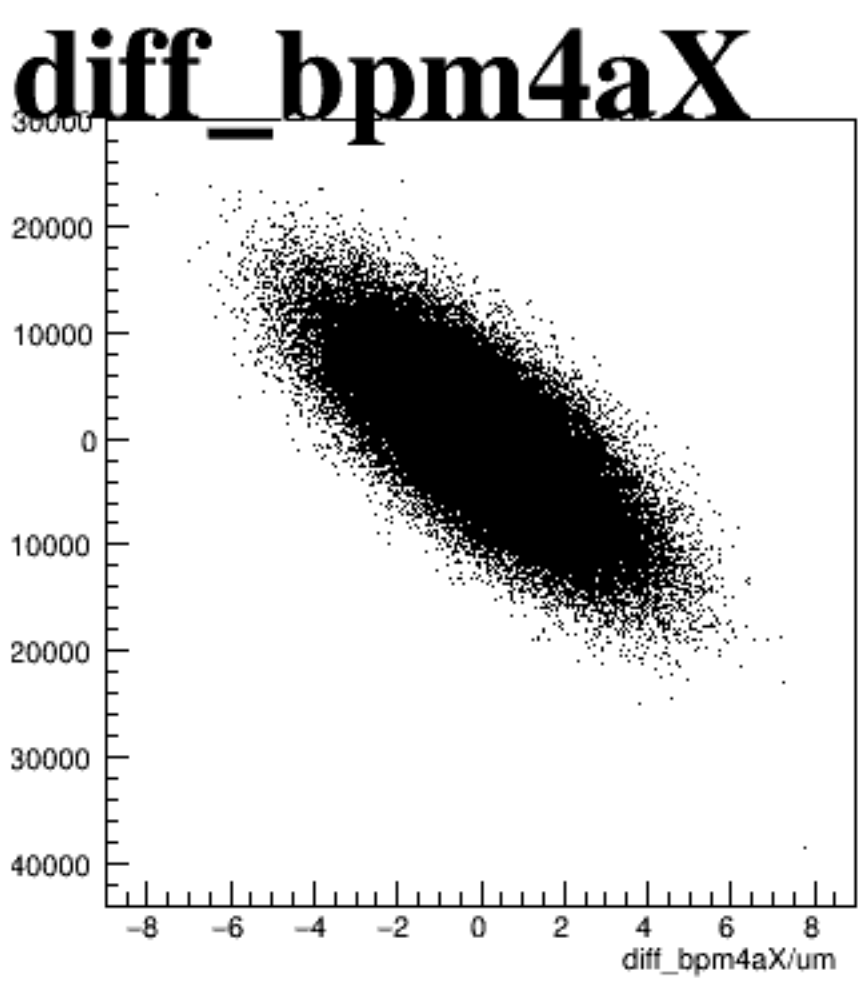
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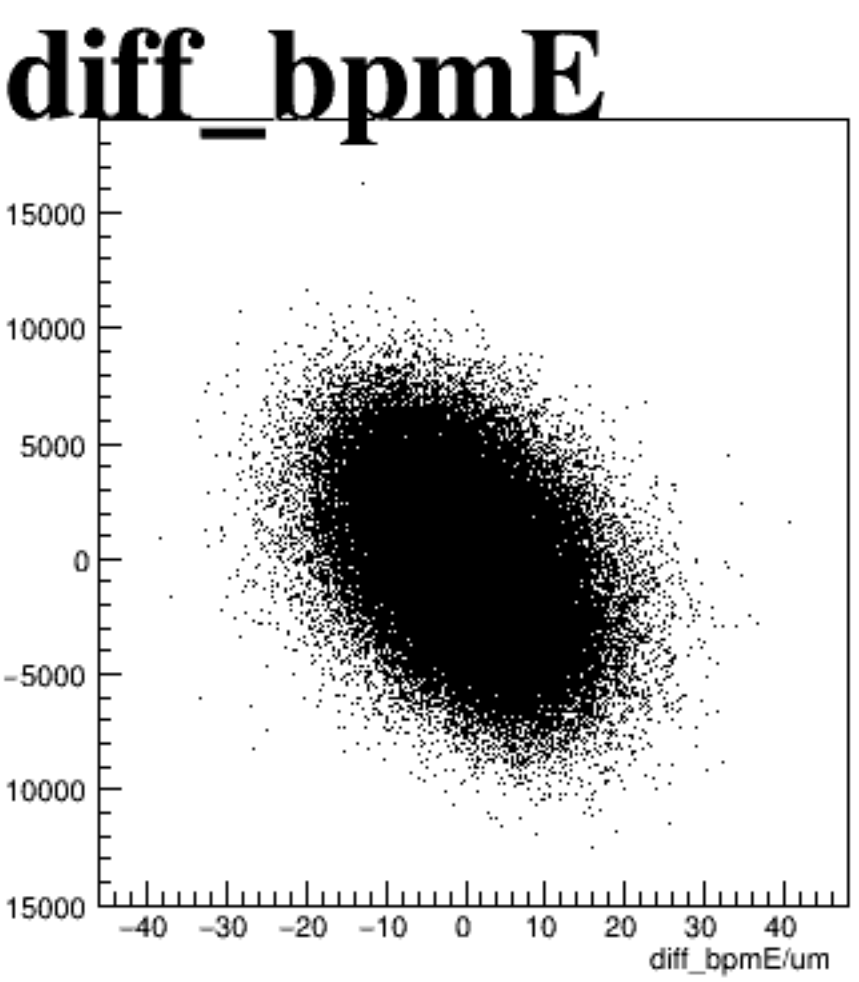
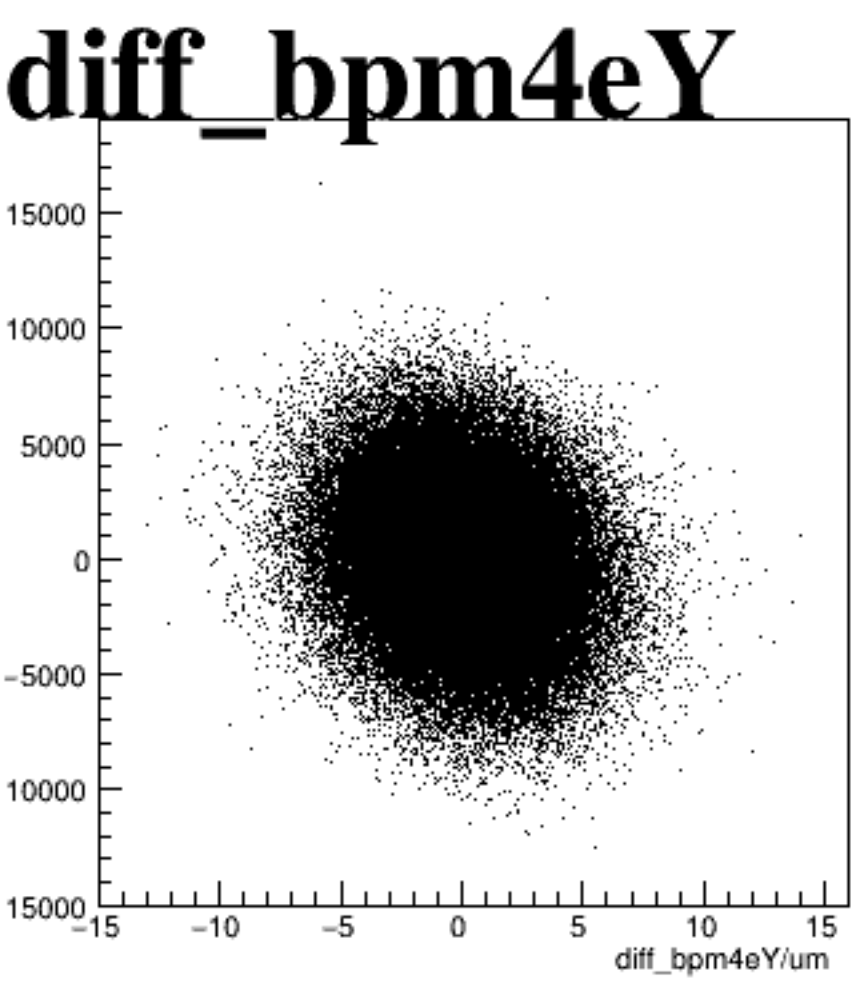
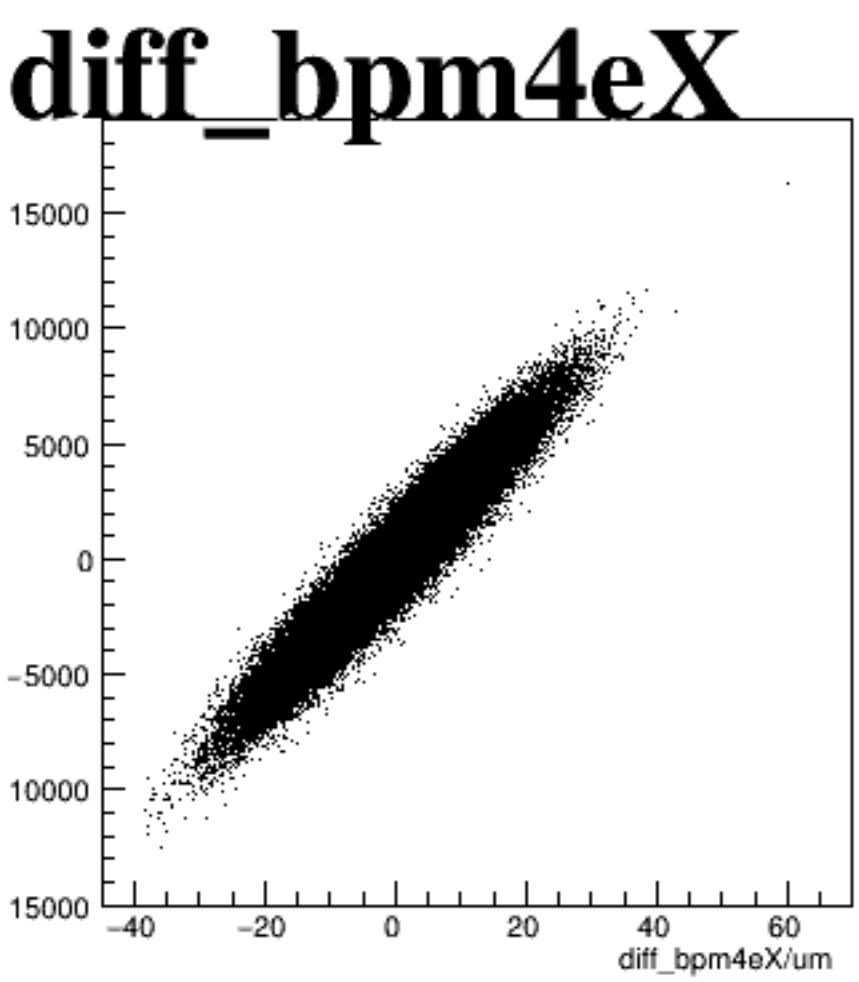
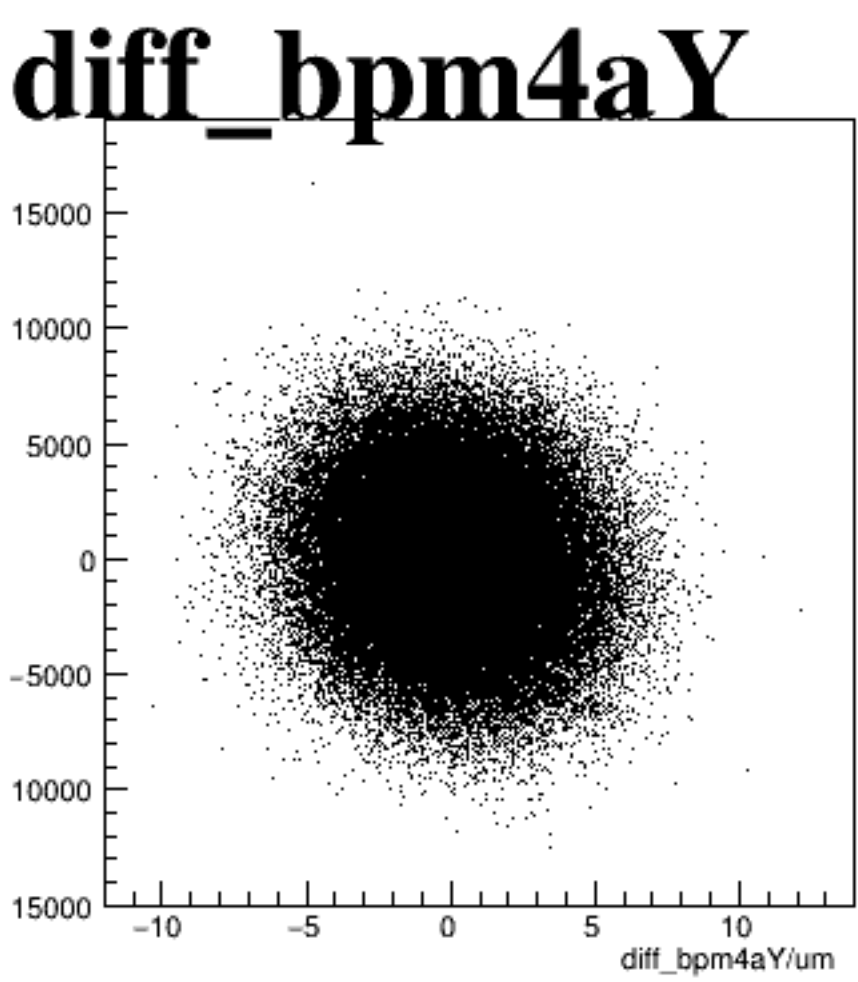
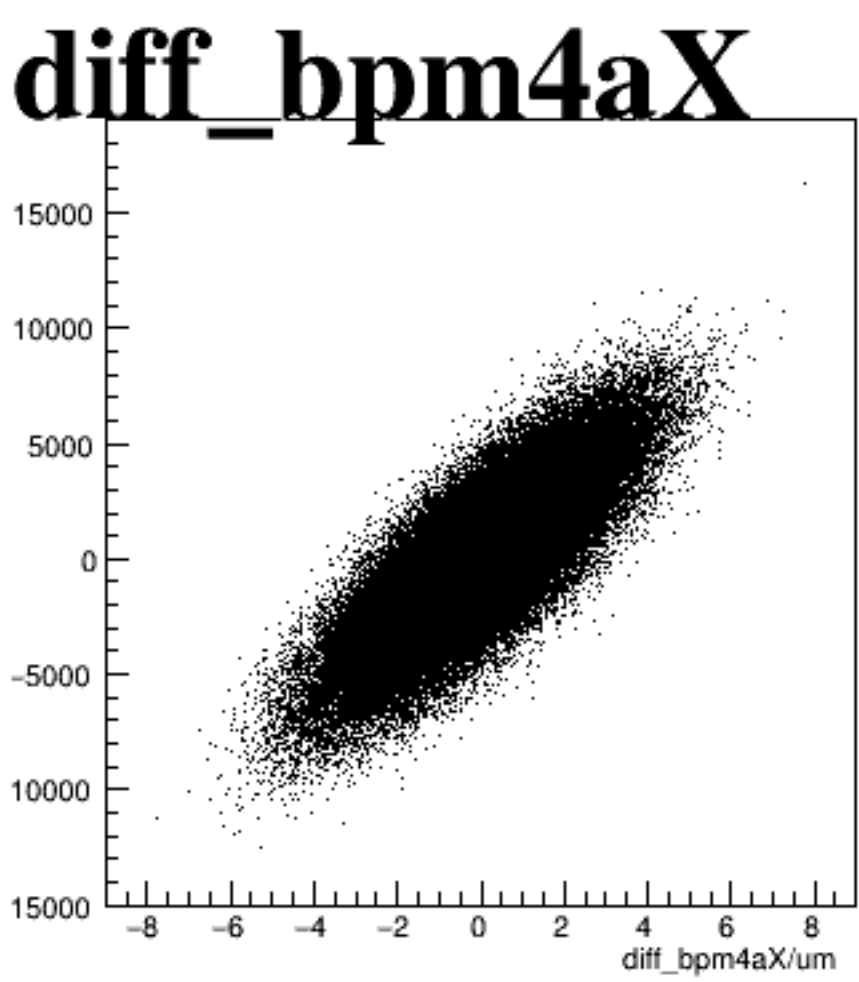
asym_sam2



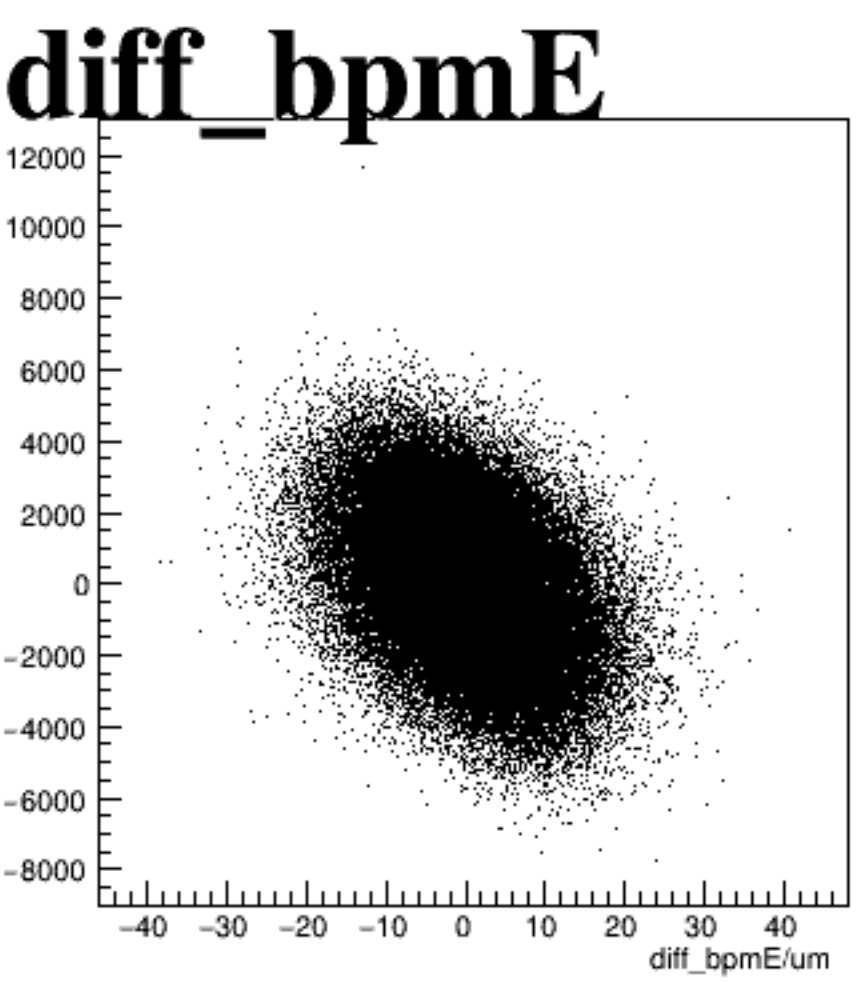
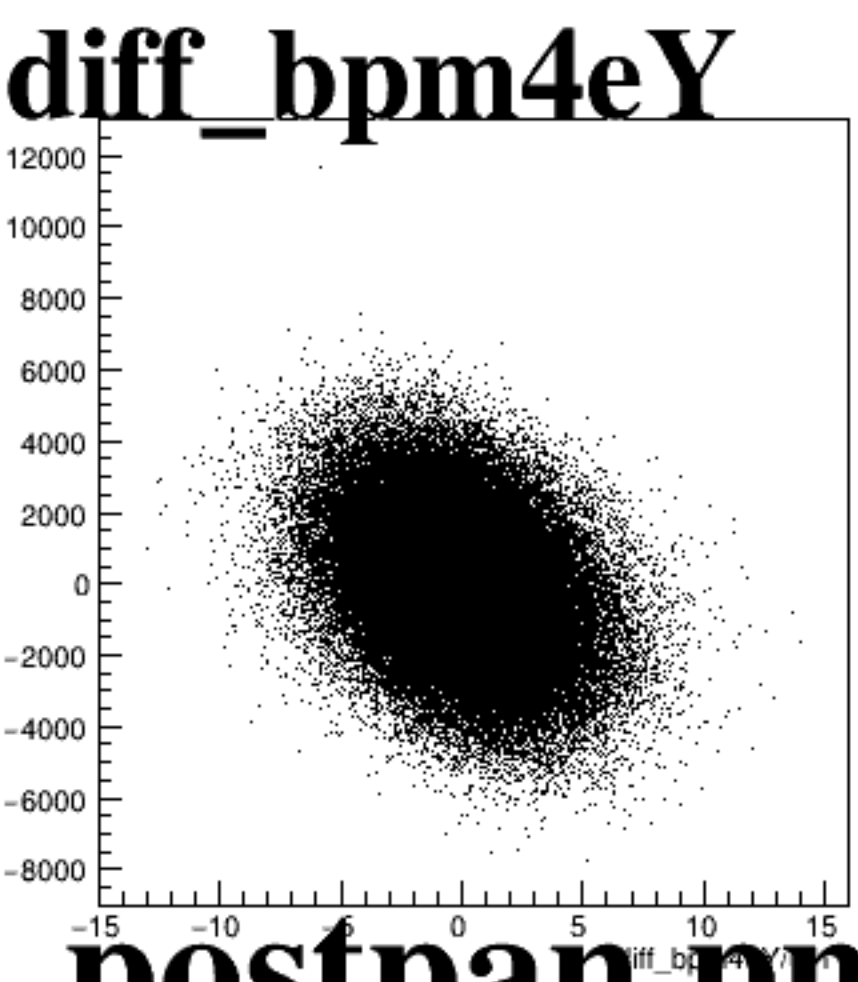
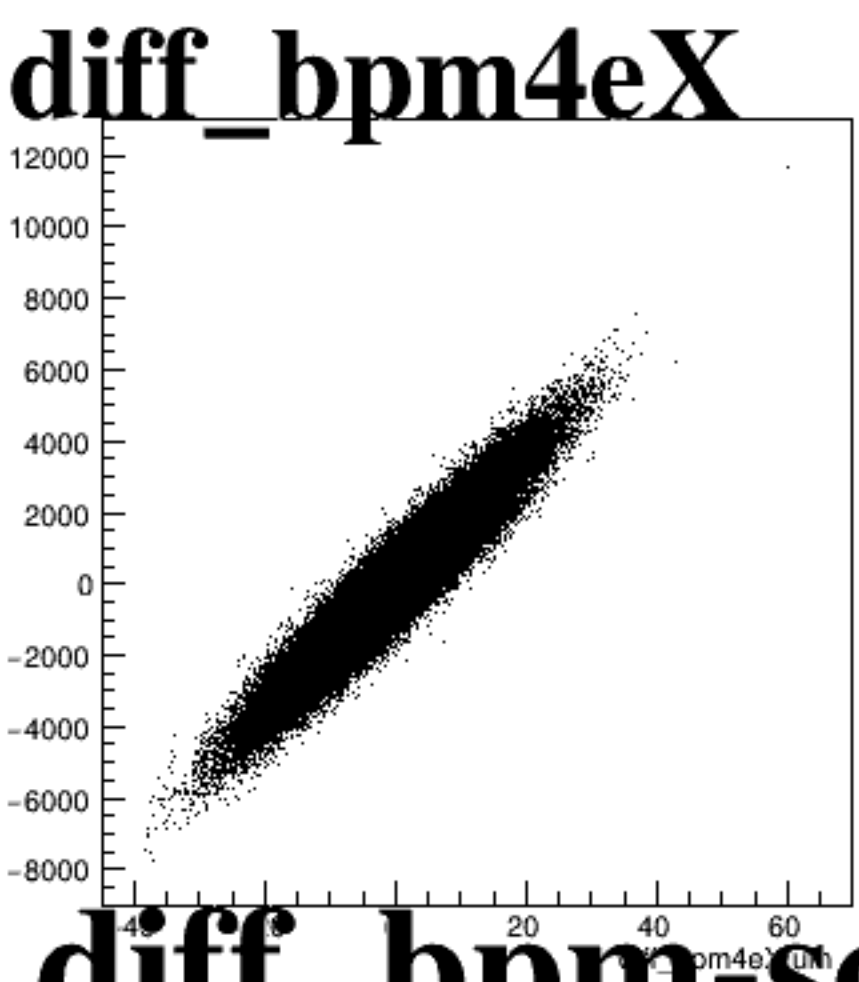
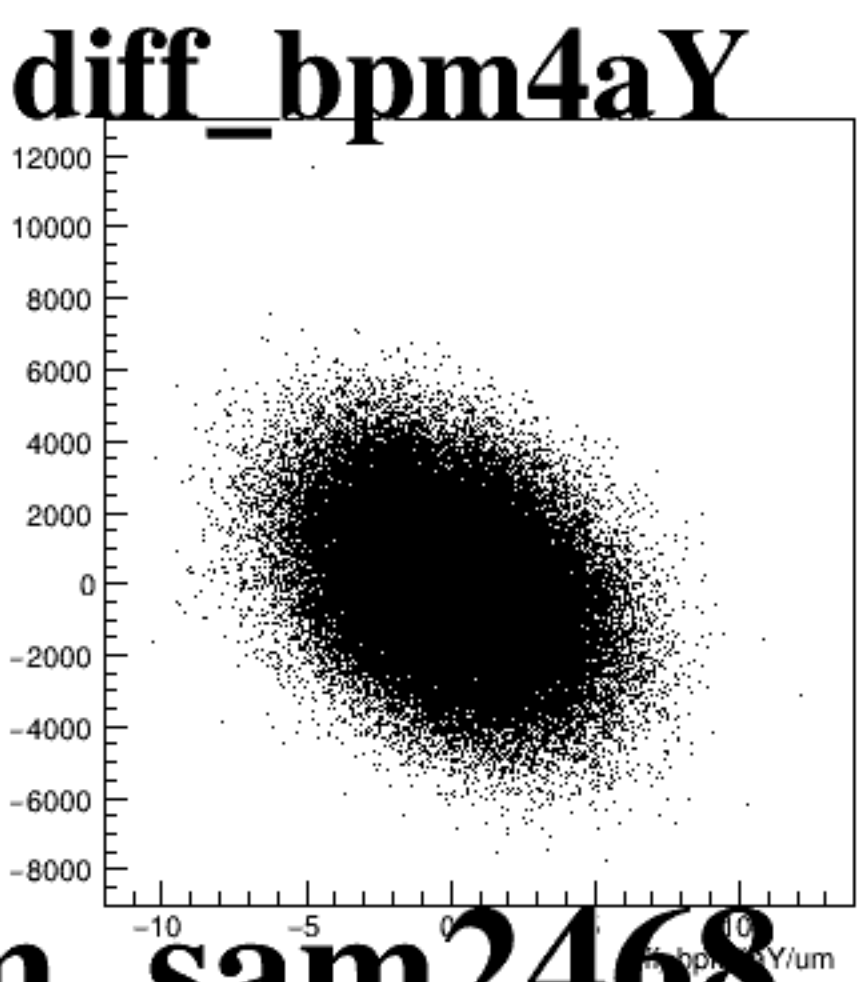
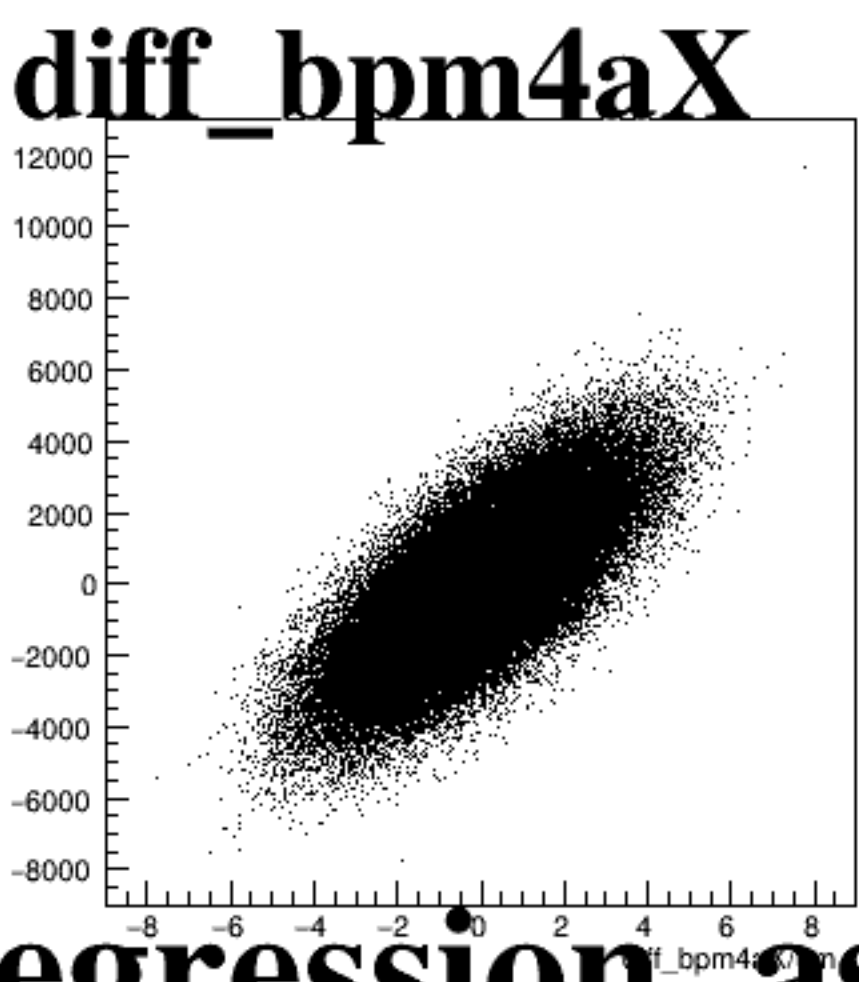
asym_sam4



asym_sam6



asym_sam8

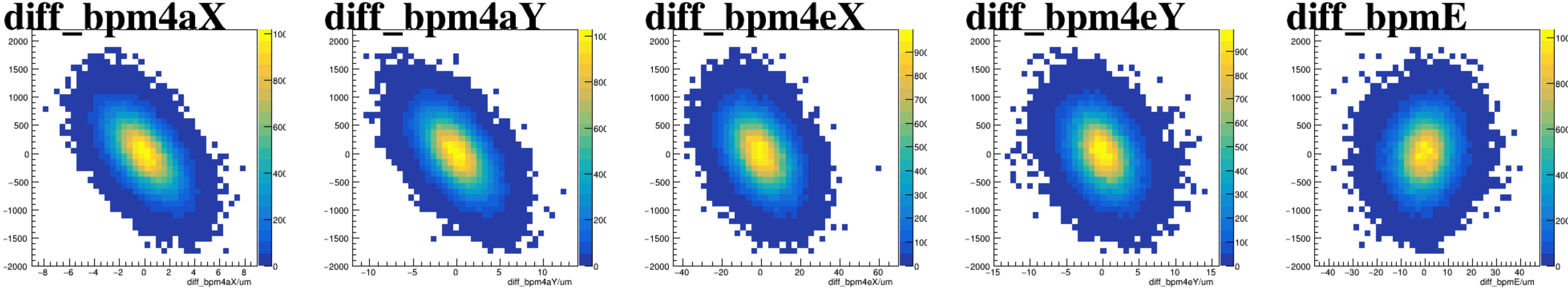


The figure displays five scatter plots, each showing a dense, roughly circular cloud of points centered at the origin. The axes are labeled with the variable name and a unit 'um'.

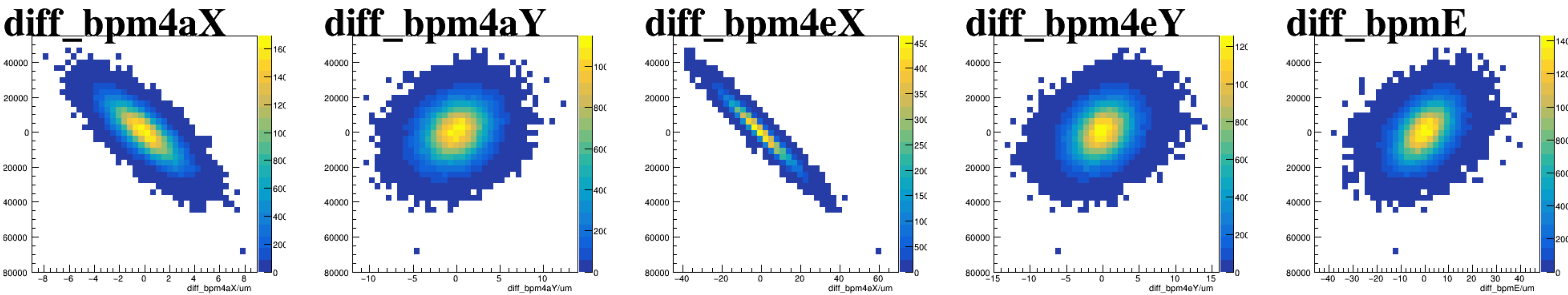
- diff_bpm4aX**: The x-axis ranges from -8 to 8, and the y-axis ranges from -8000 to 8000.
- diff_bpm4aY**: The x-axis ranges from -10 to 10, and the y-axis ranges from -8000 to 8000.
- diff_bpm4eX**: The x-axis ranges from -40 to 60, and the y-axis ranges from -8000 to 8000.
- diff_bpm4eY**: The x-axis ranges from -15 to 15, and the y-axis ranges from -8000 to 8000.
- diff_bpmE**: The x-axis ranges from -40 to 40, and the y-axis ranges from -8000 to 8000.

run3440_000_regression_reg_sam2468_vs_diff_bpm-scat_postpan.png

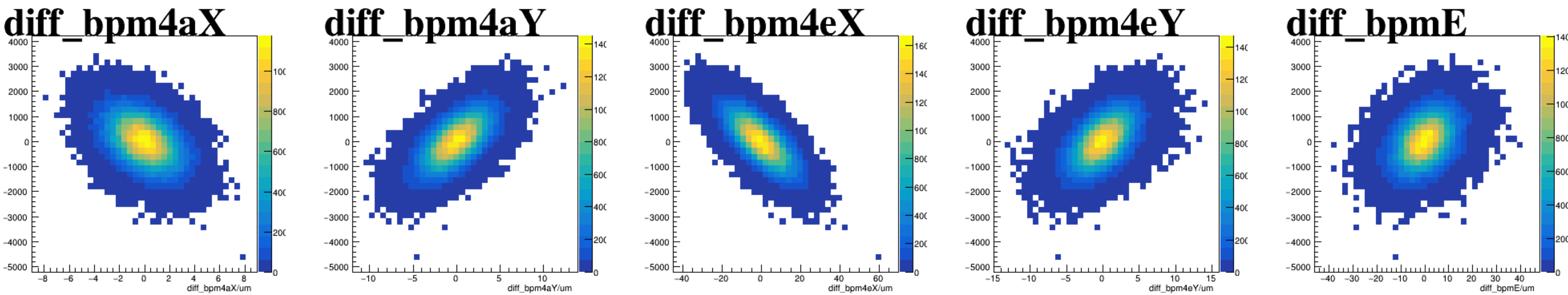
asym_sam1



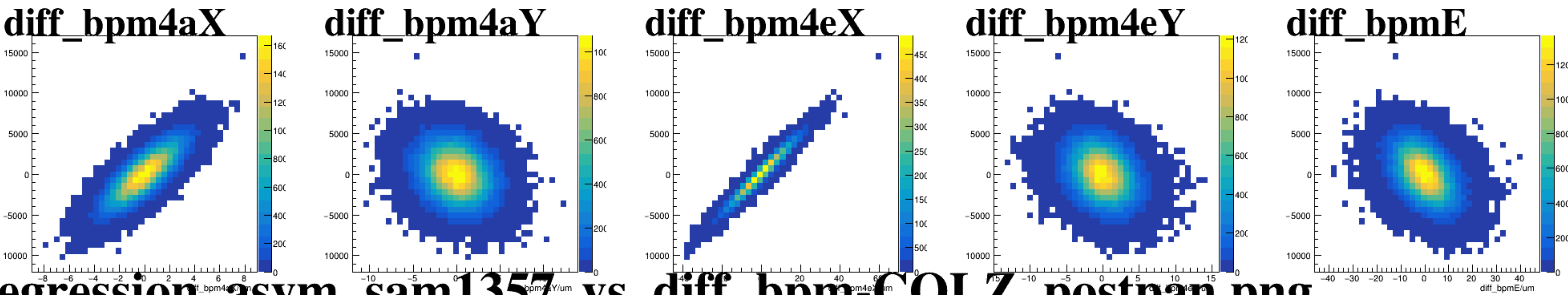
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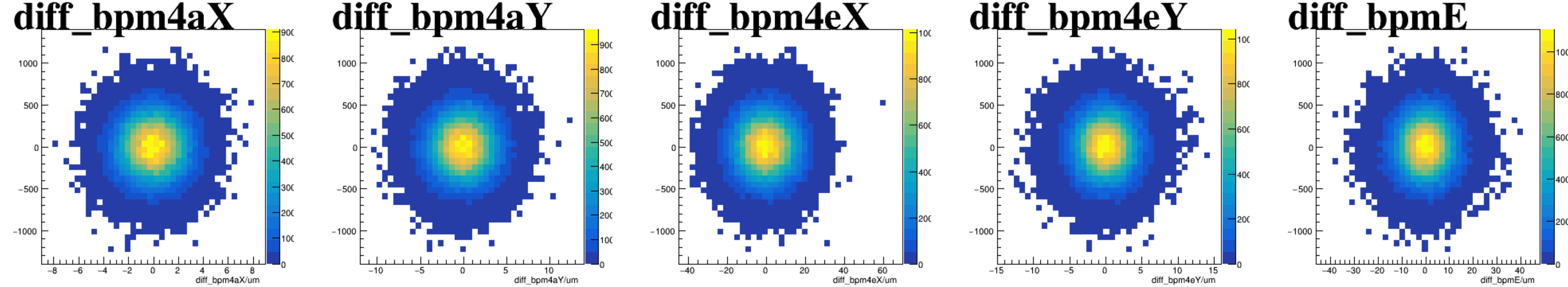
asym_sam5



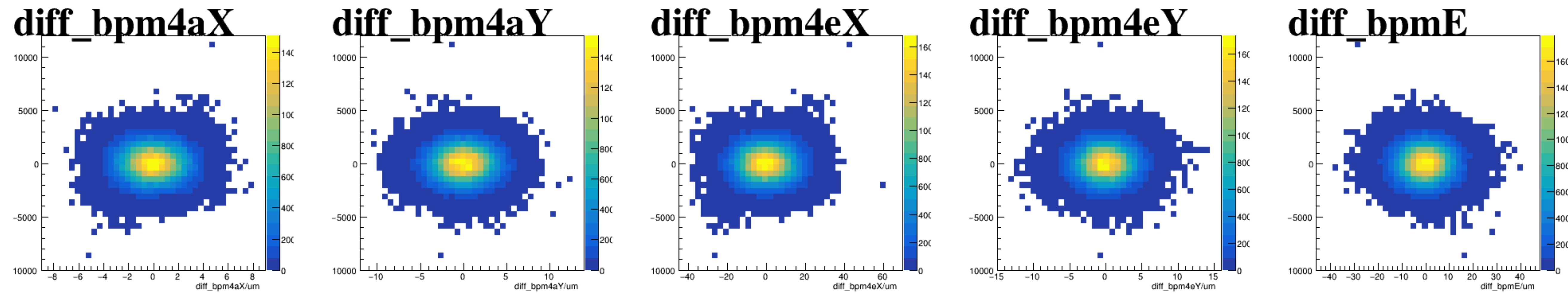
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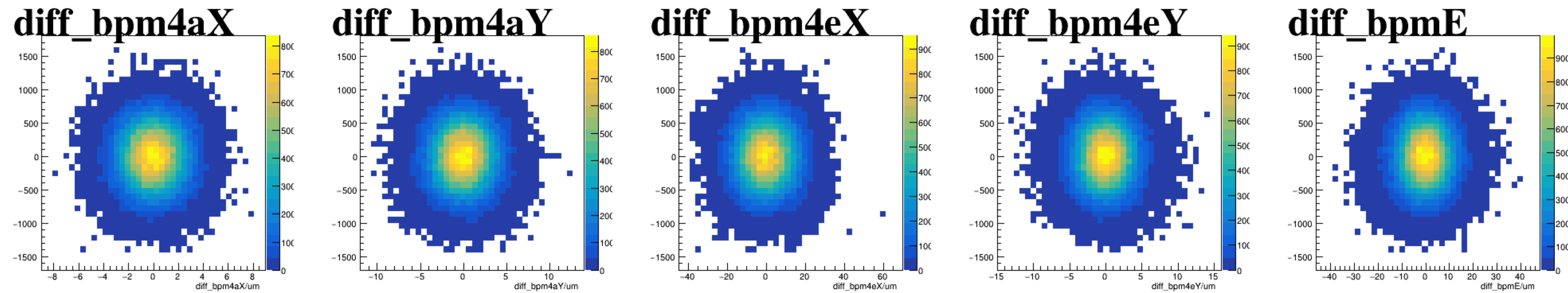
reg_asym_sam1



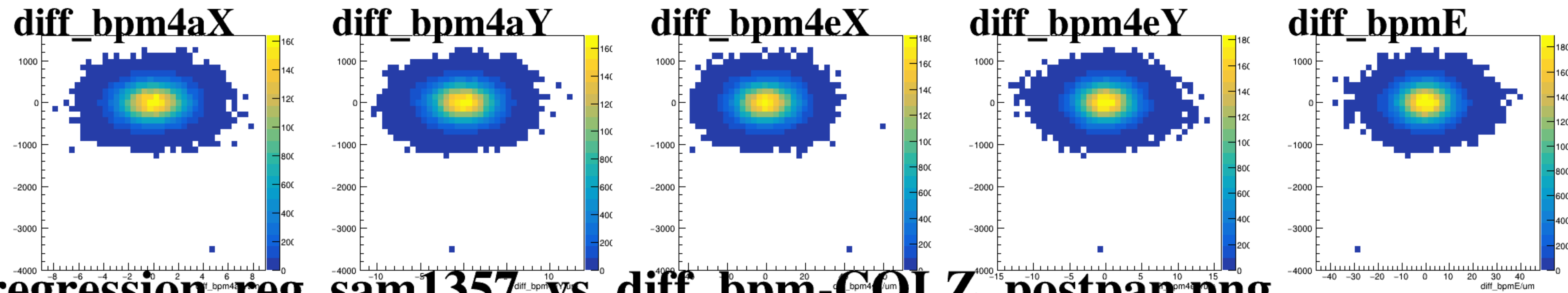
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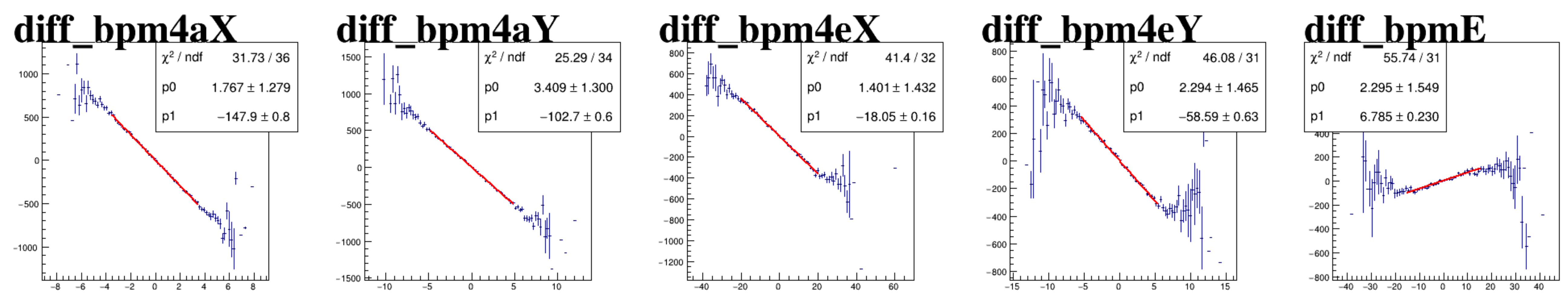
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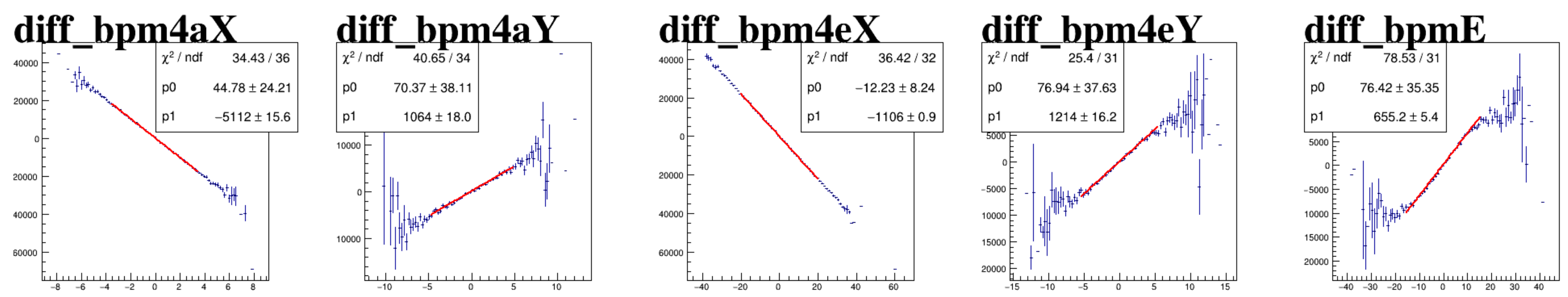
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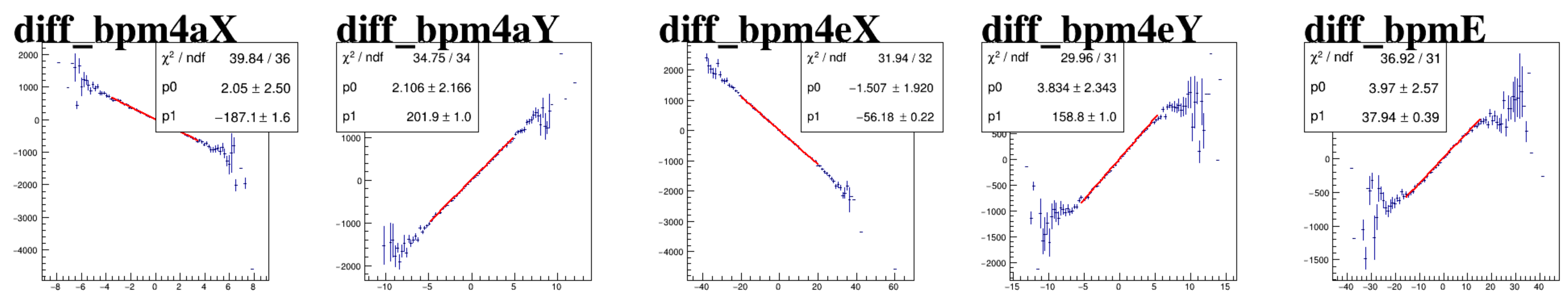
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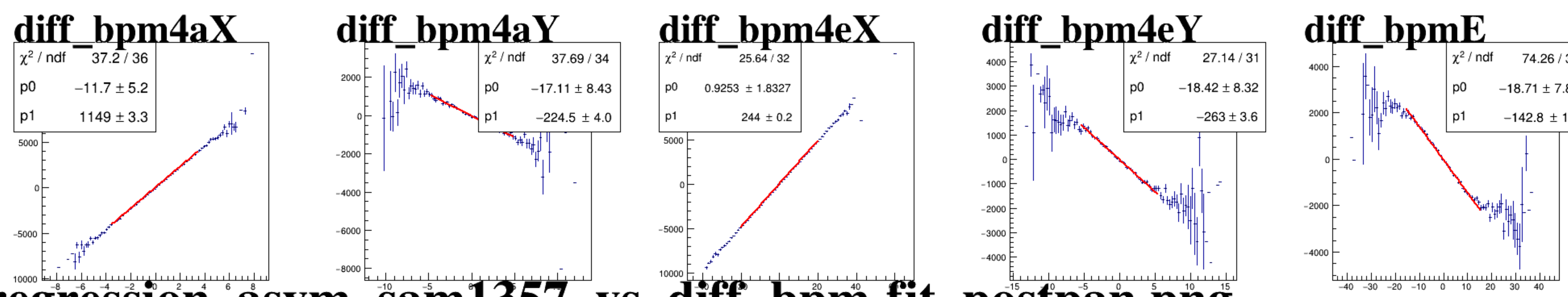
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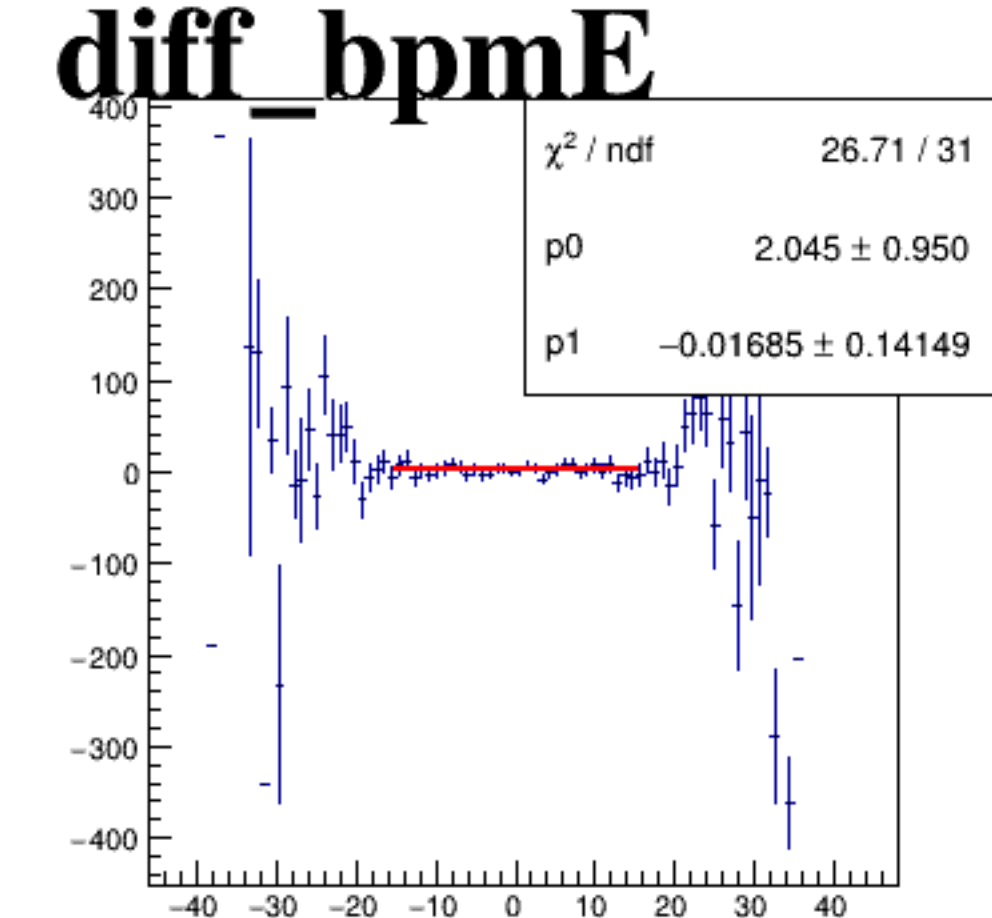
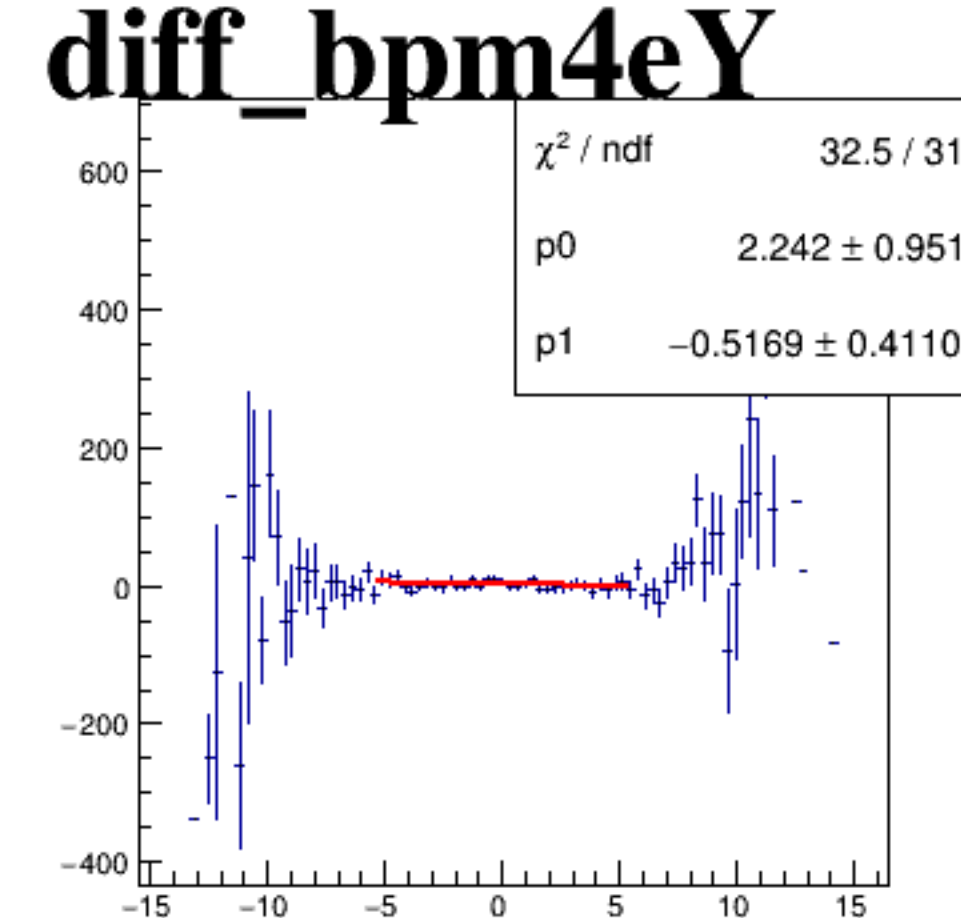
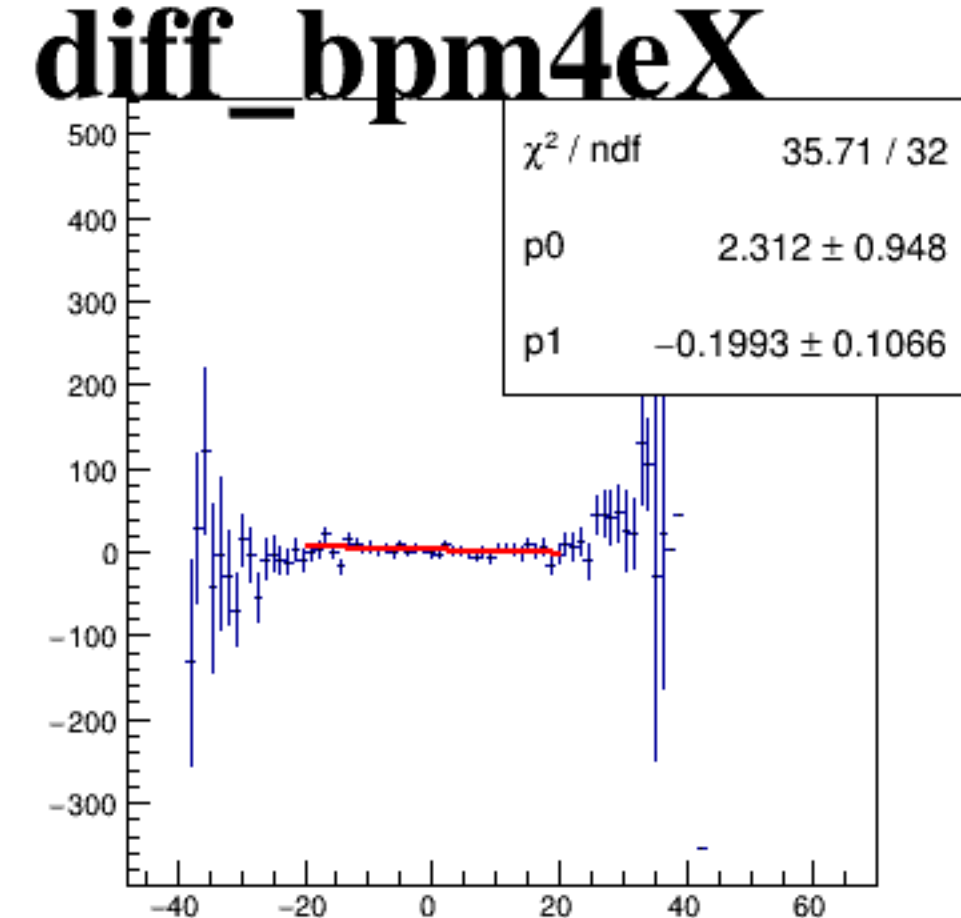
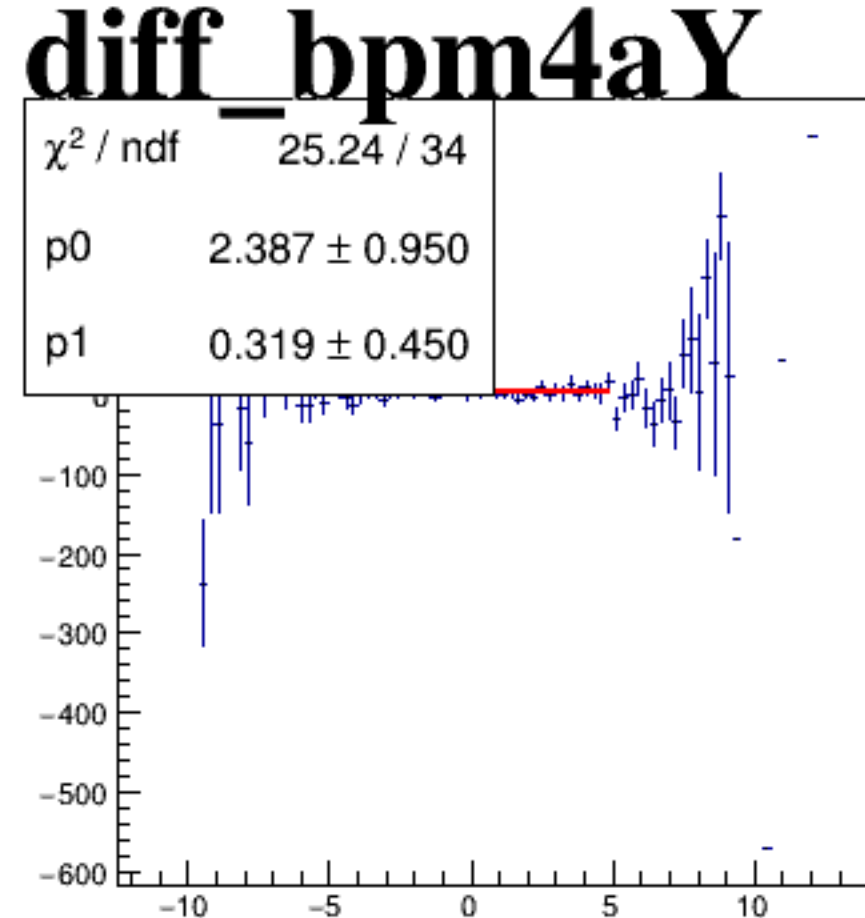
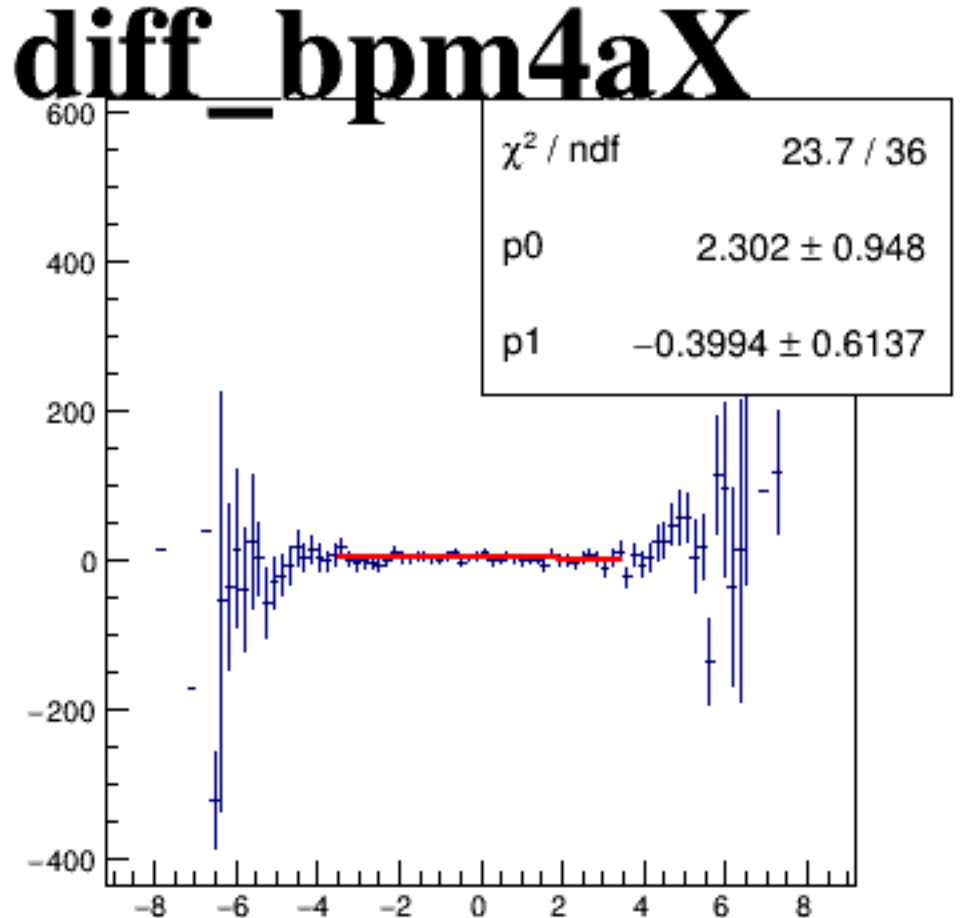
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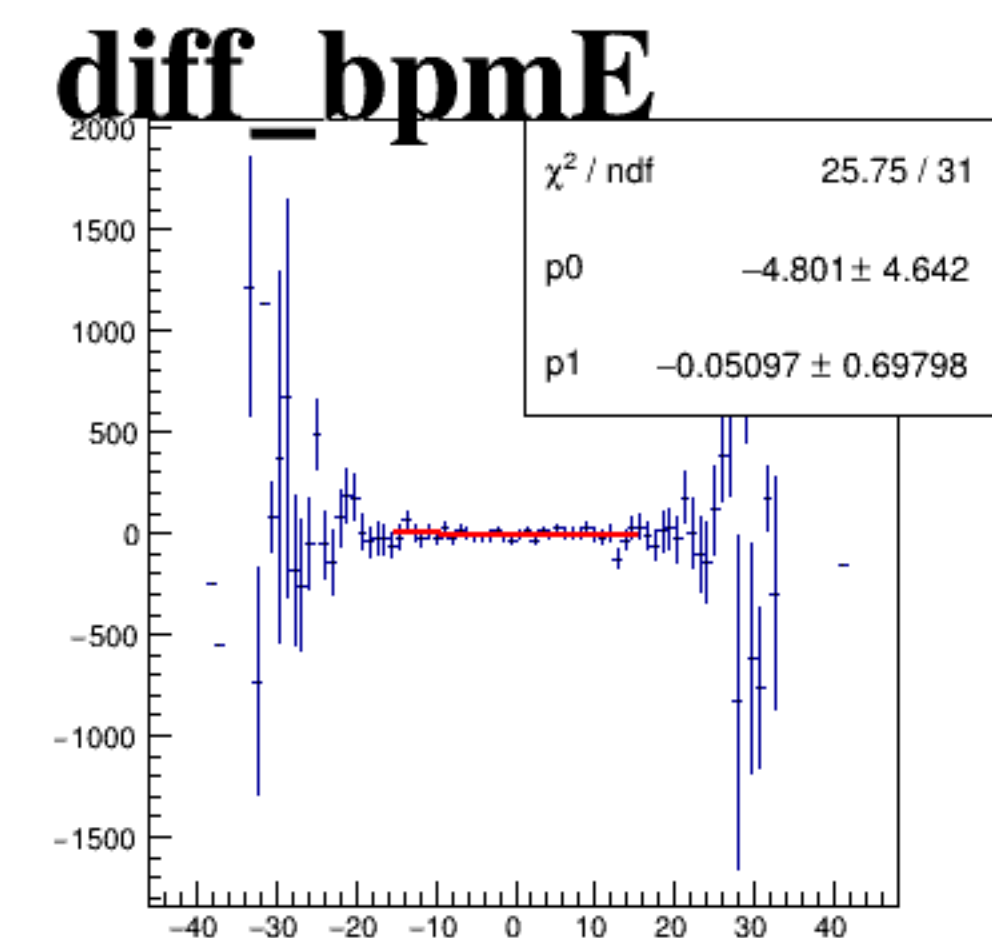
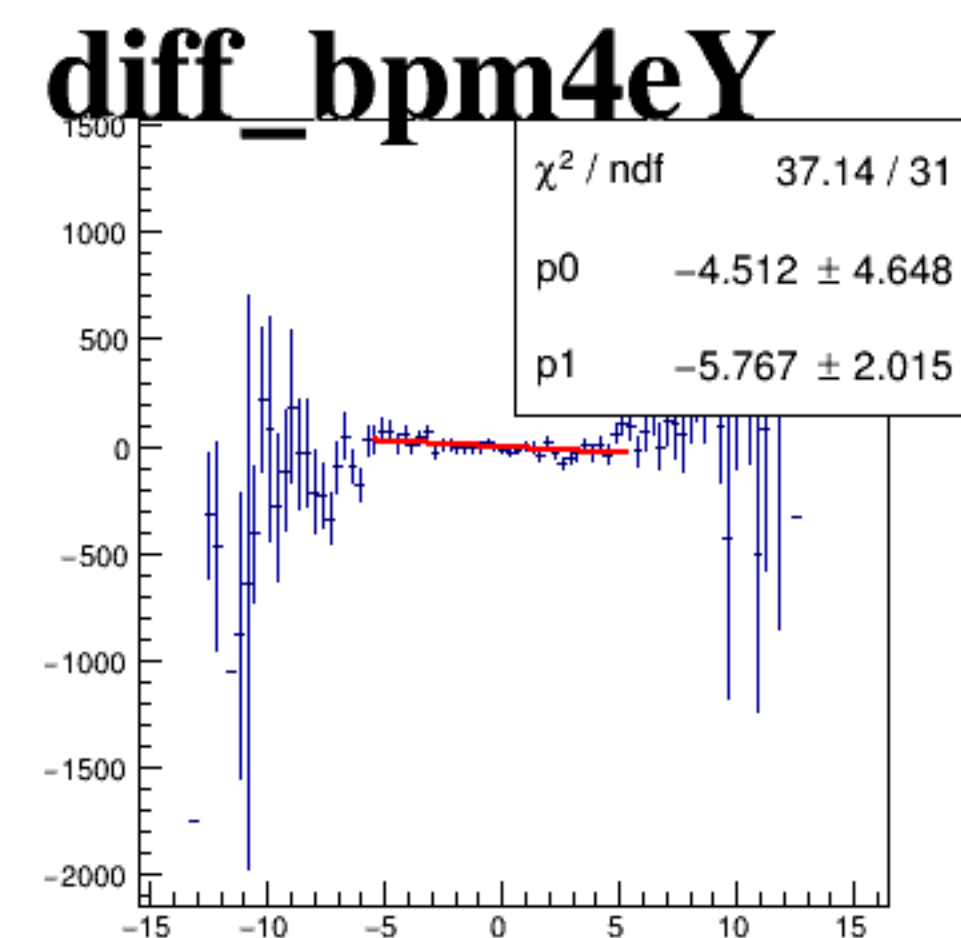
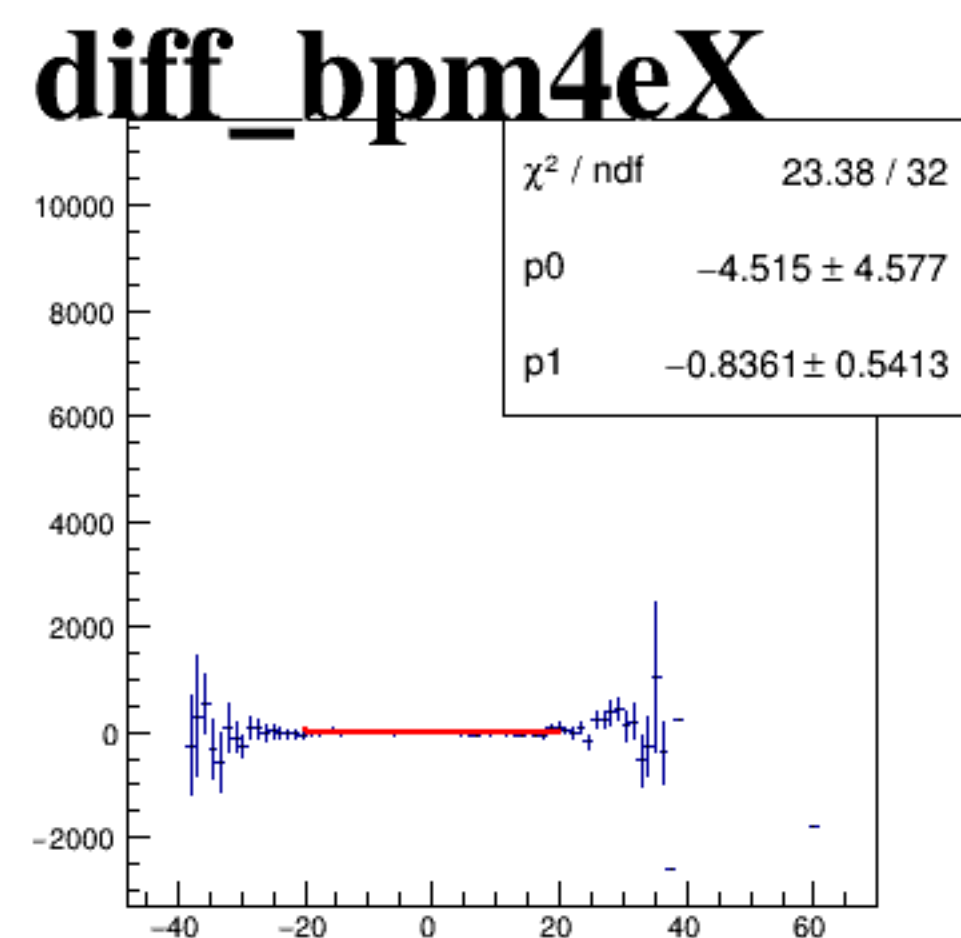
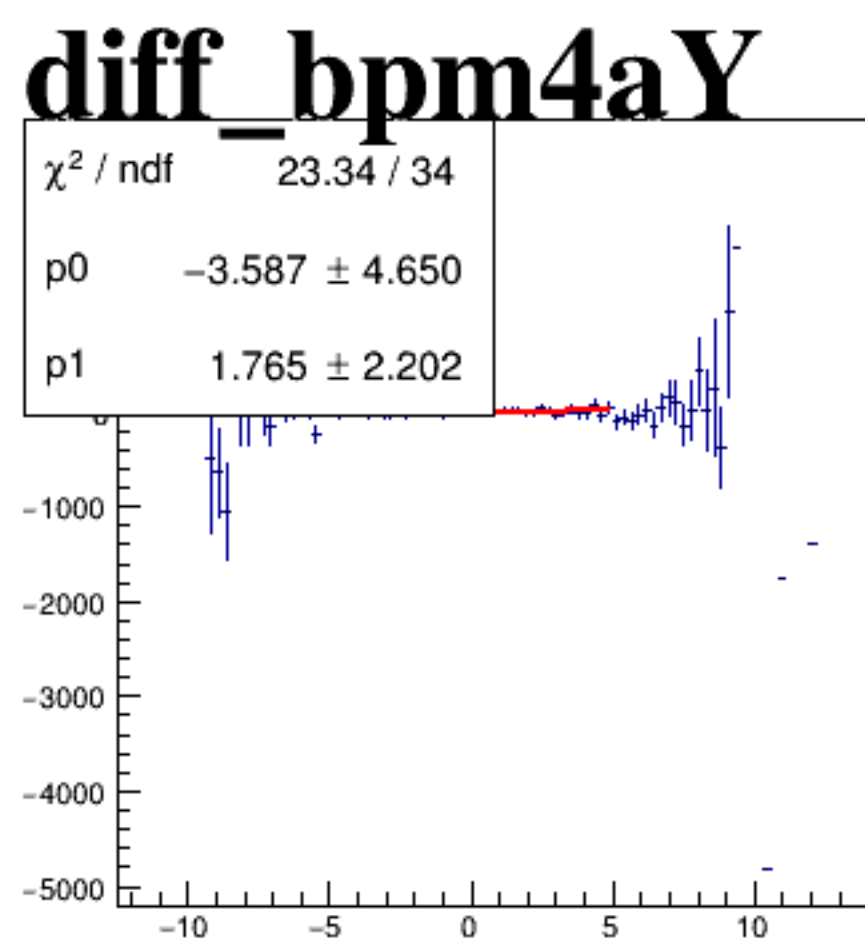
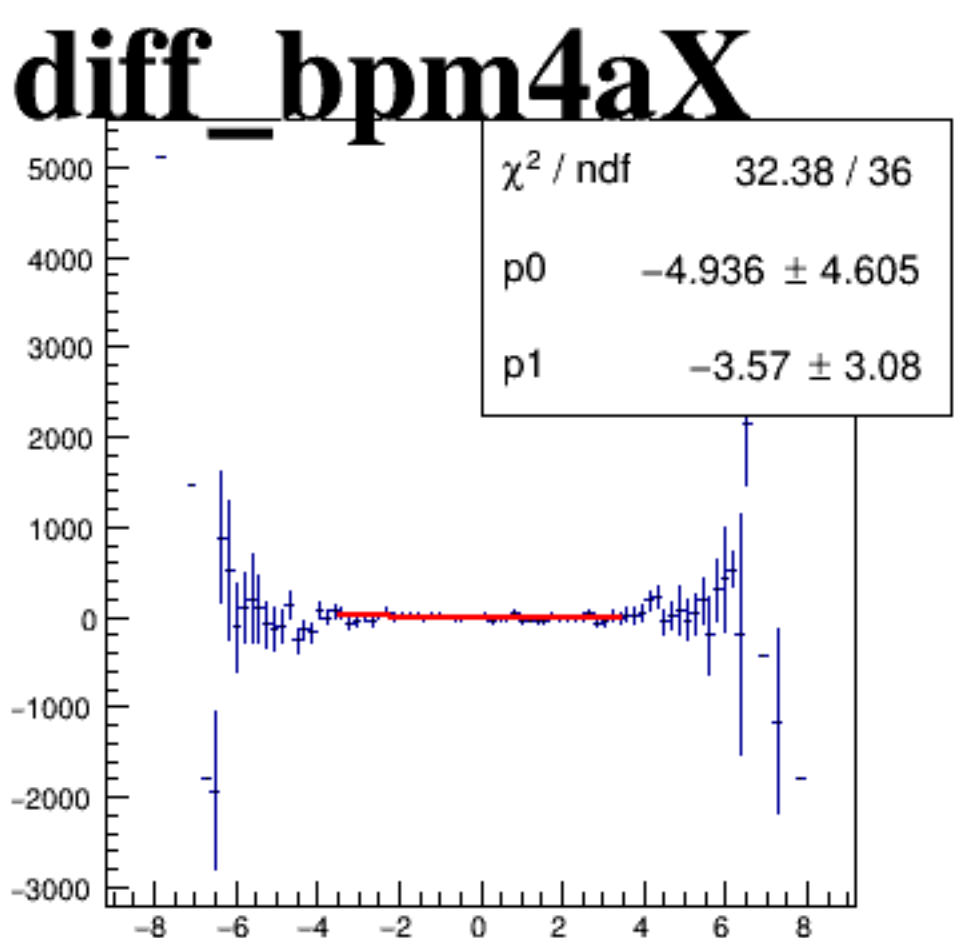
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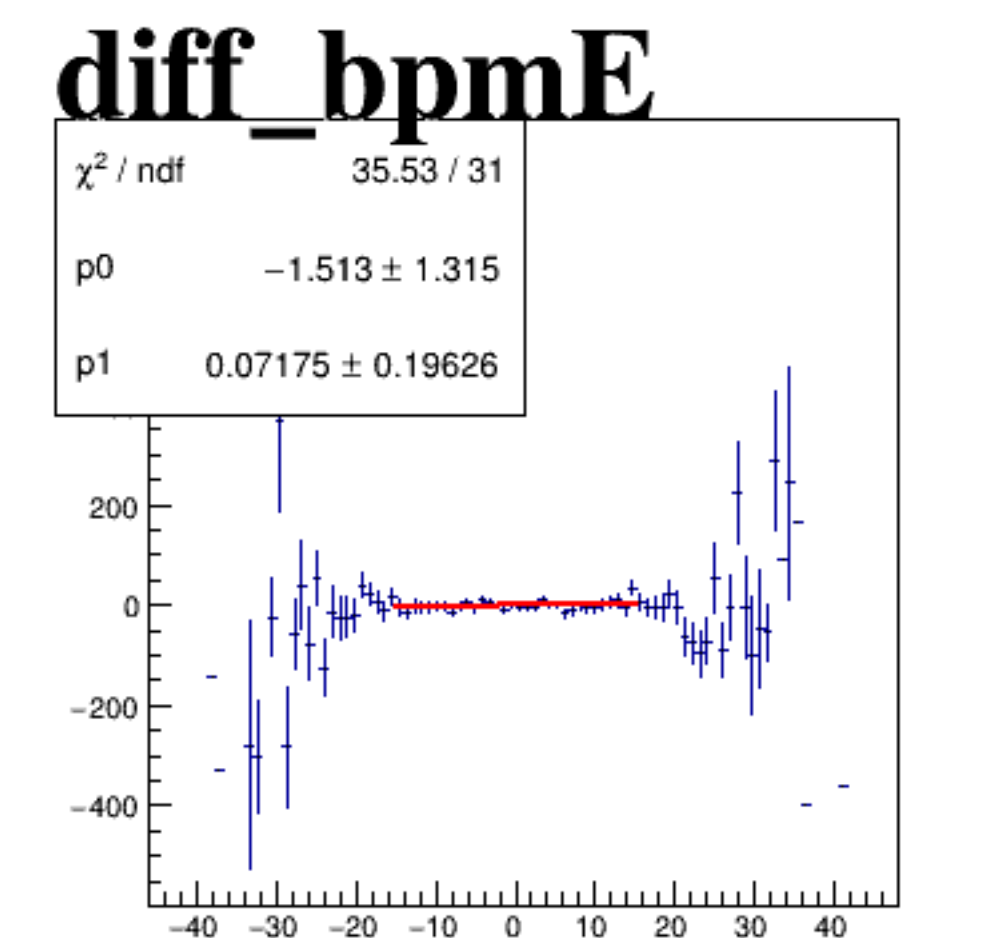
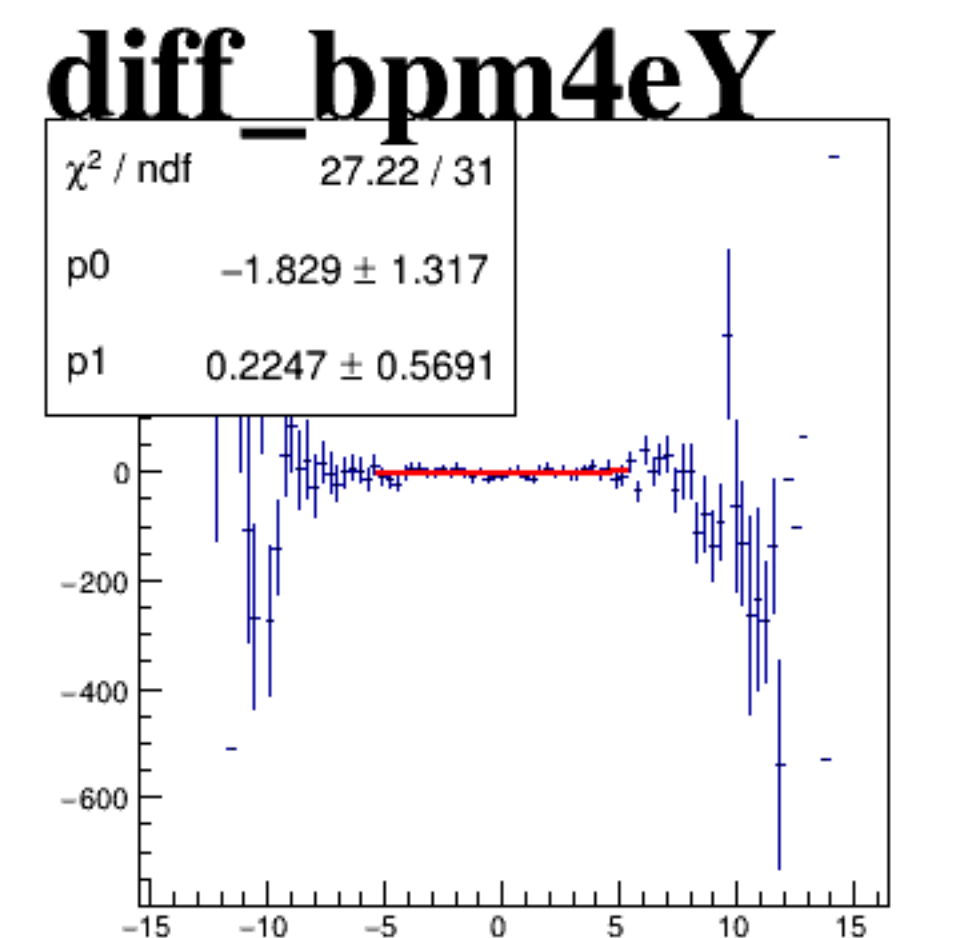
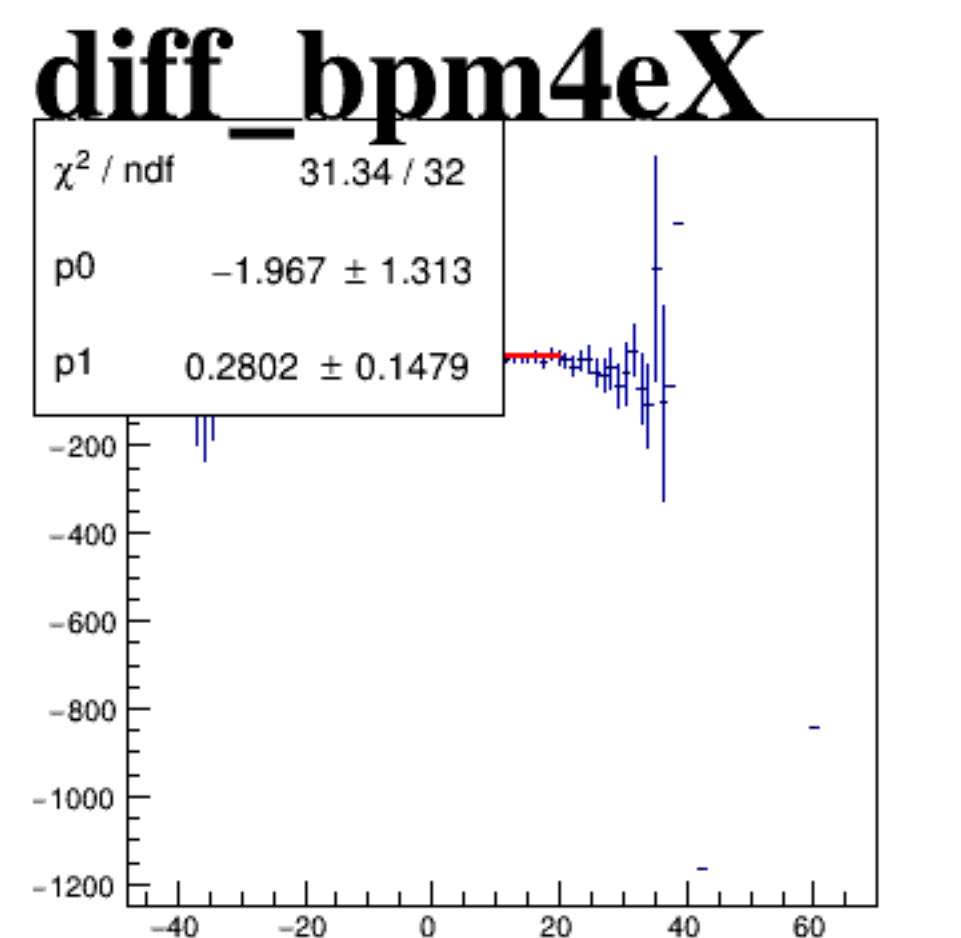
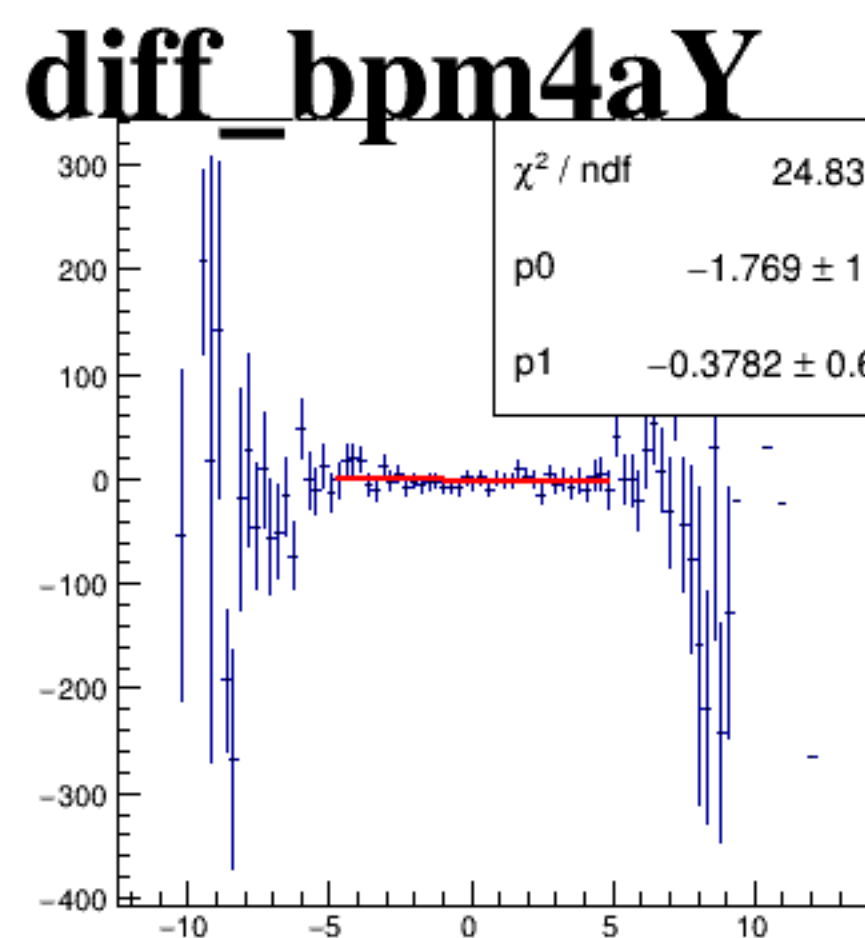
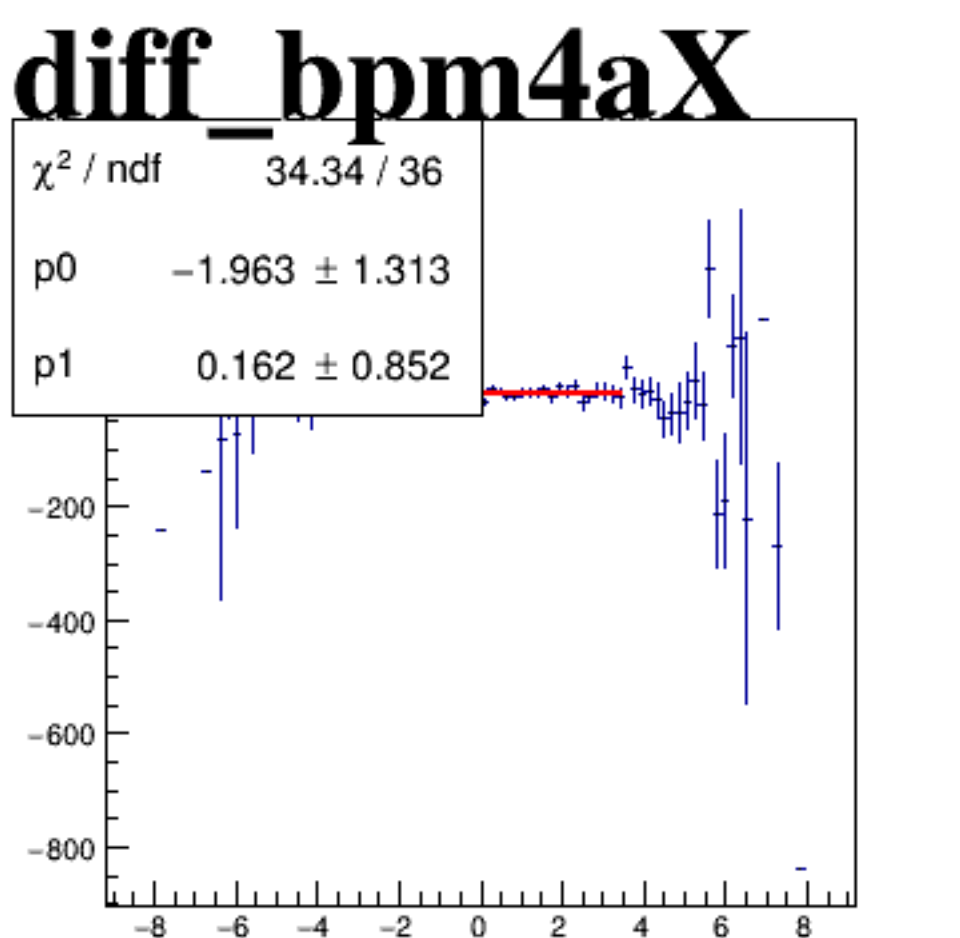
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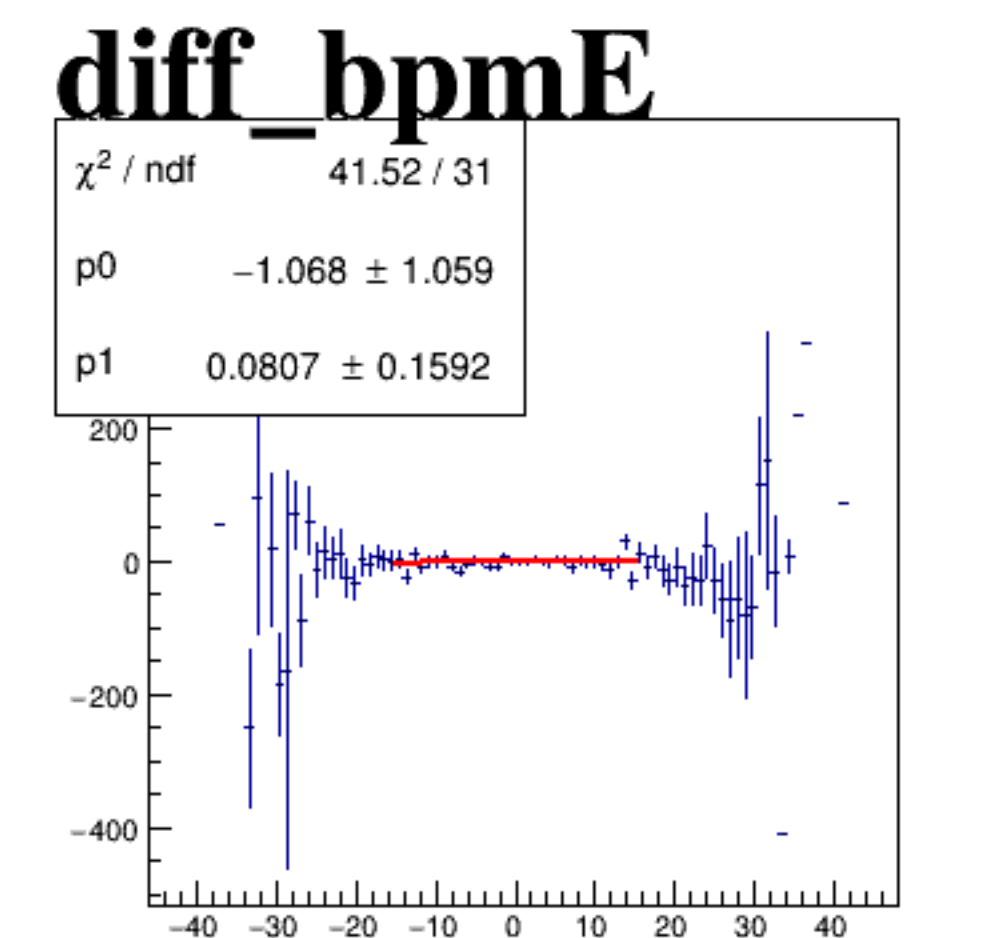
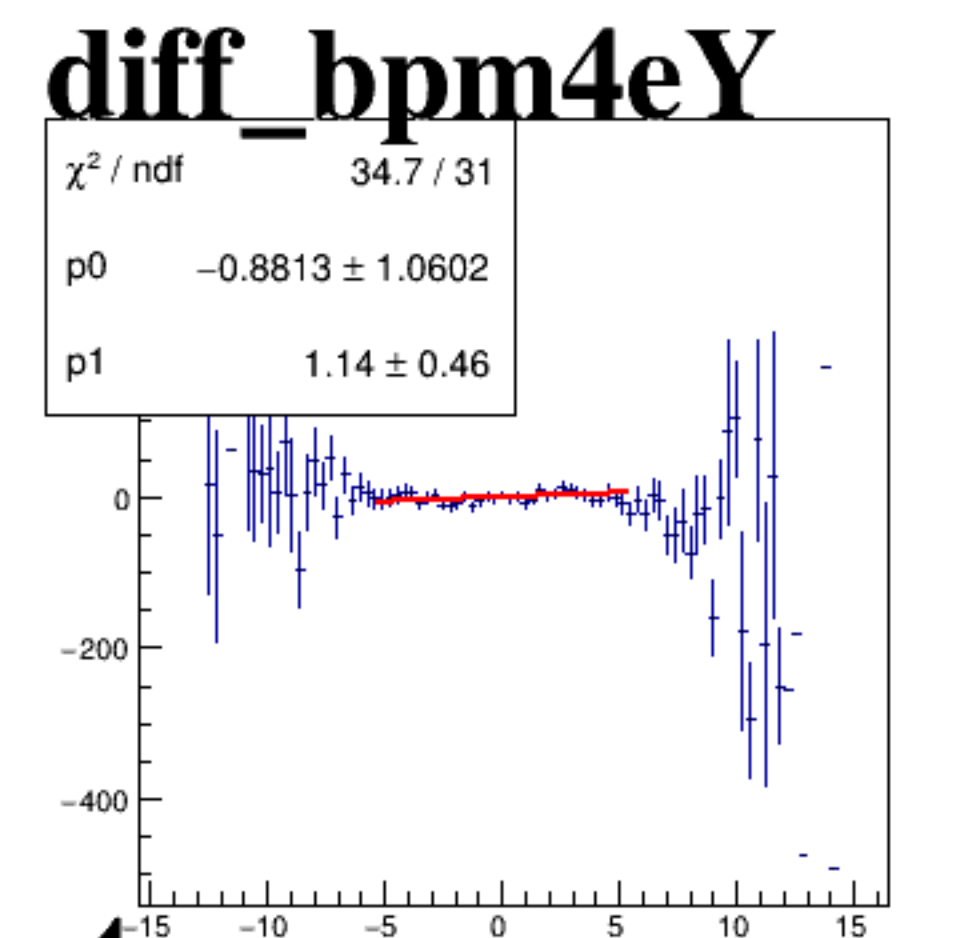
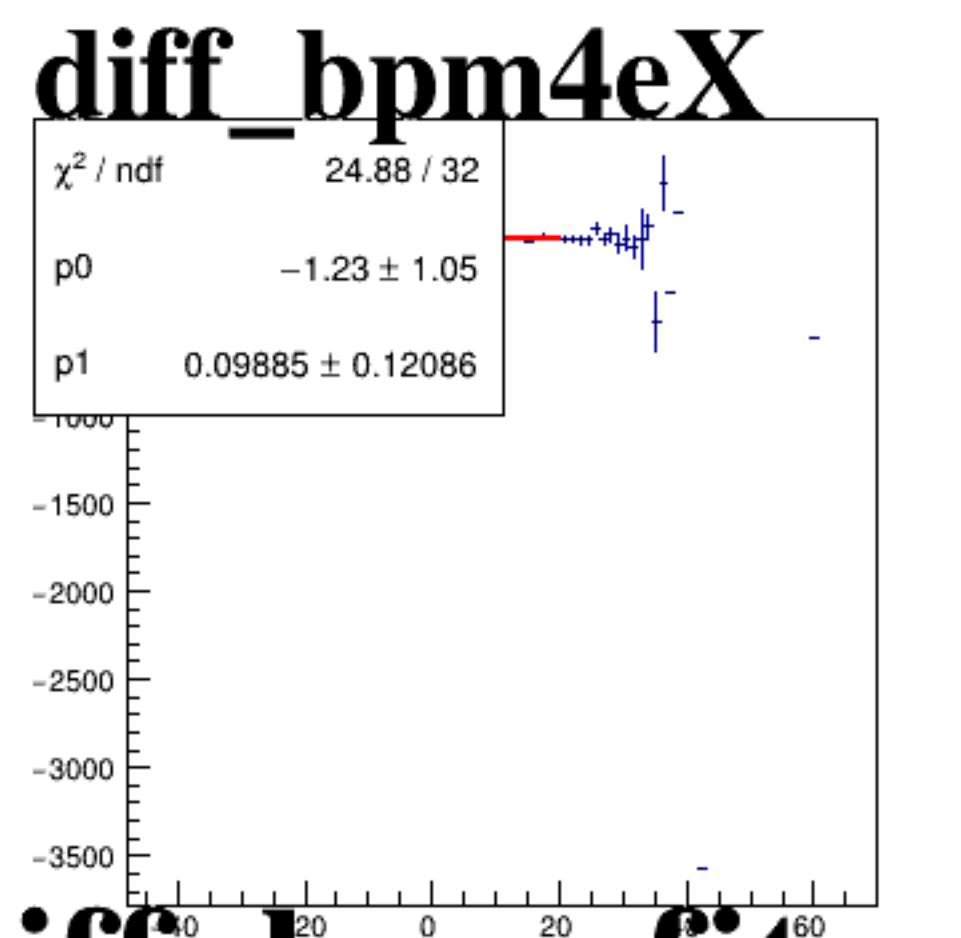
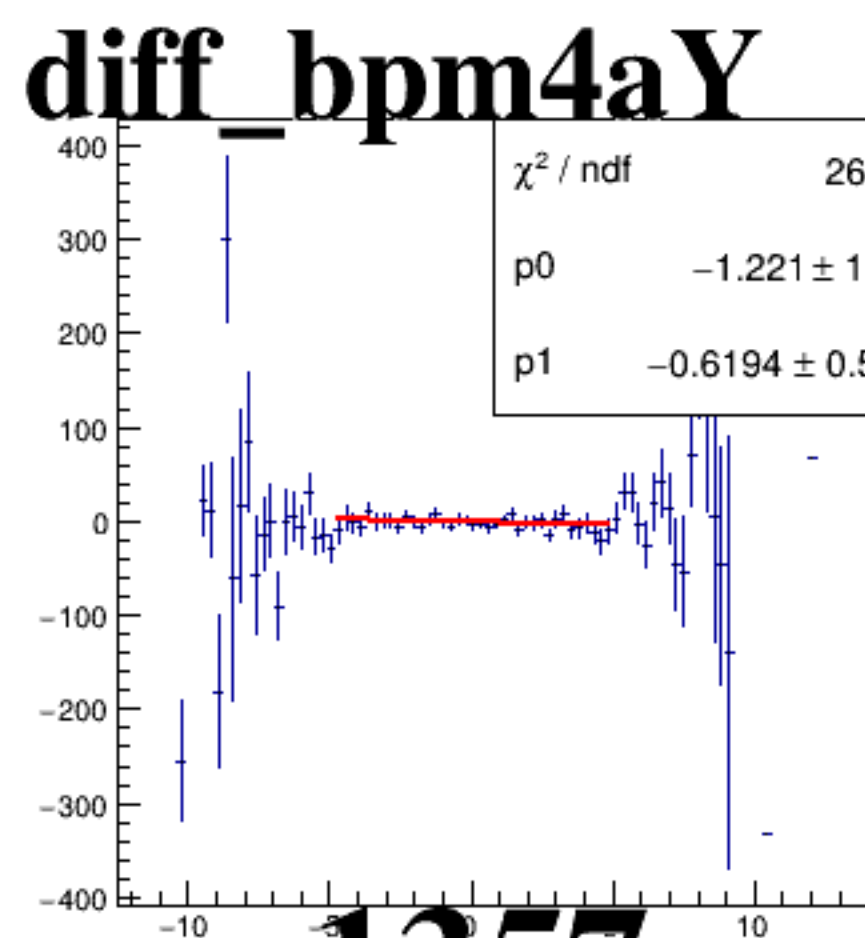
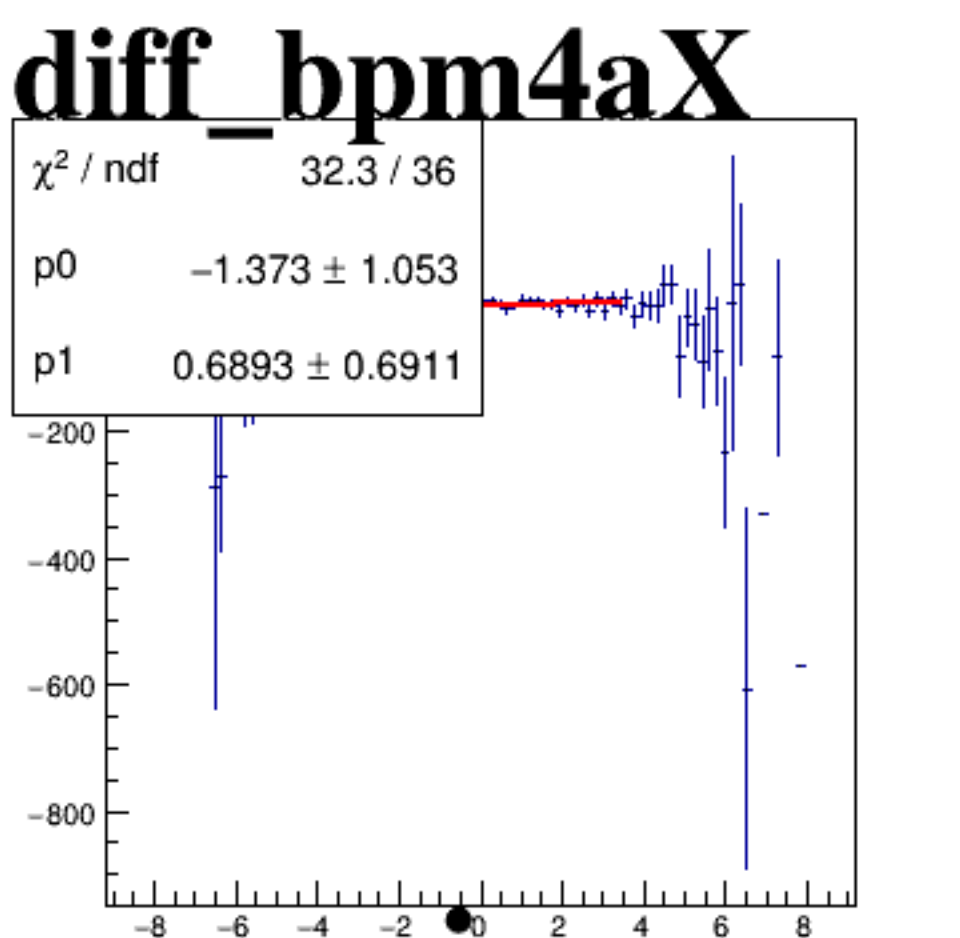
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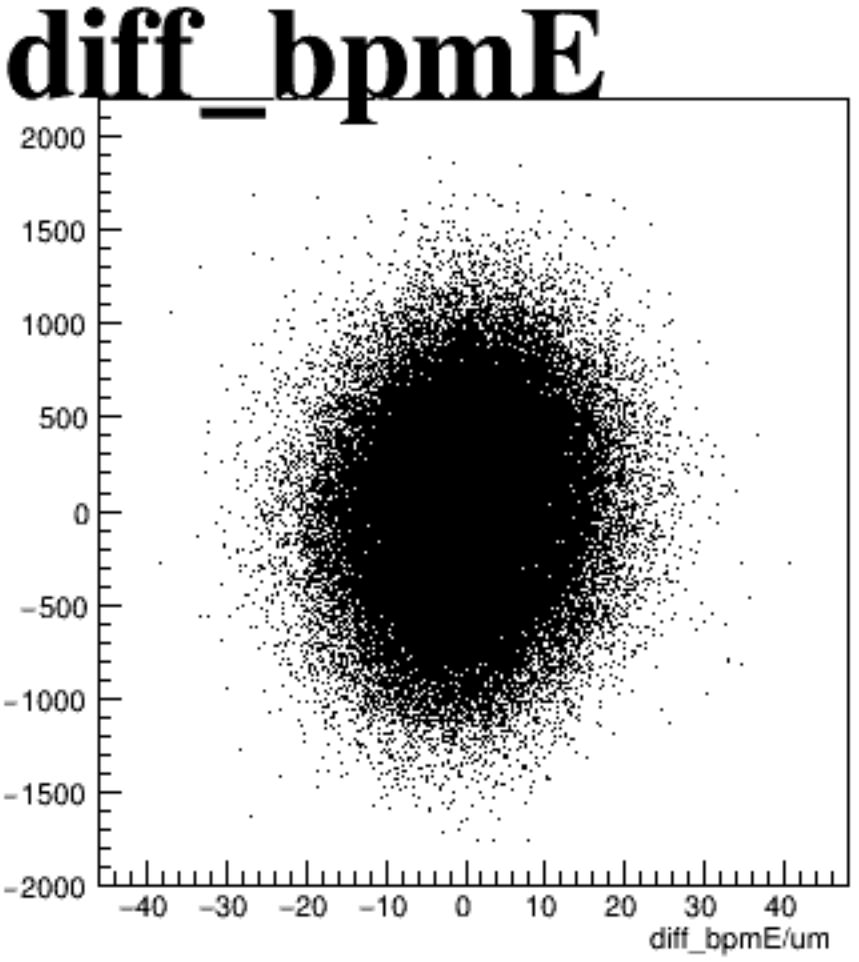
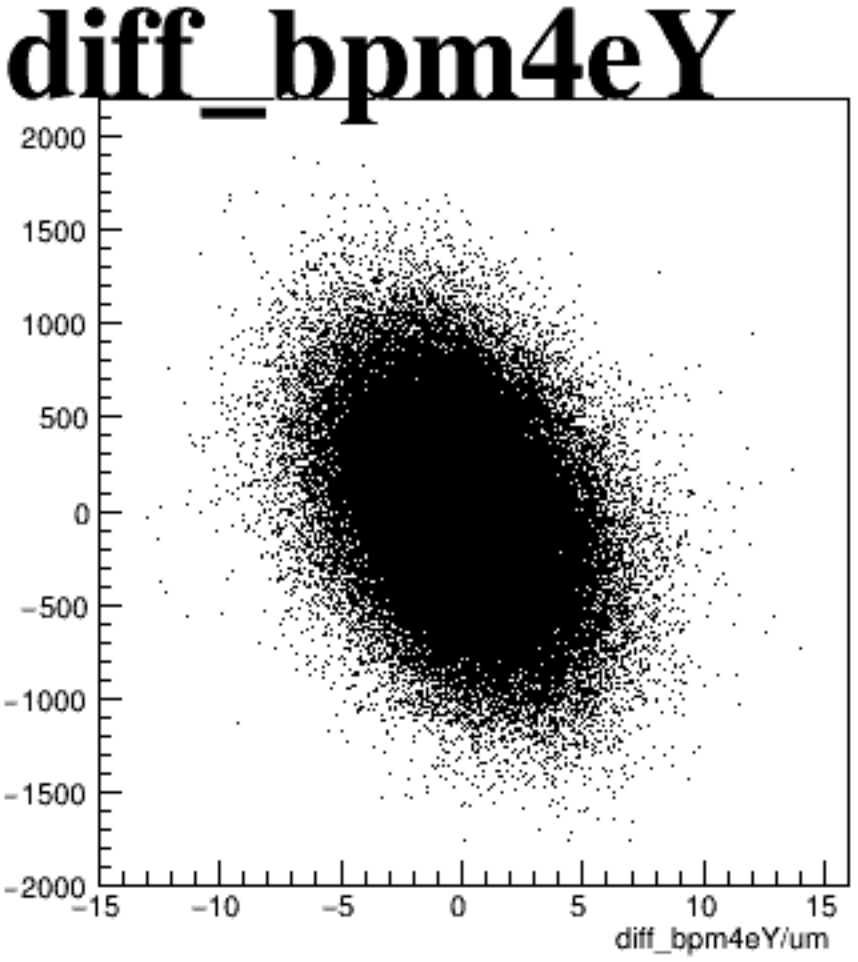
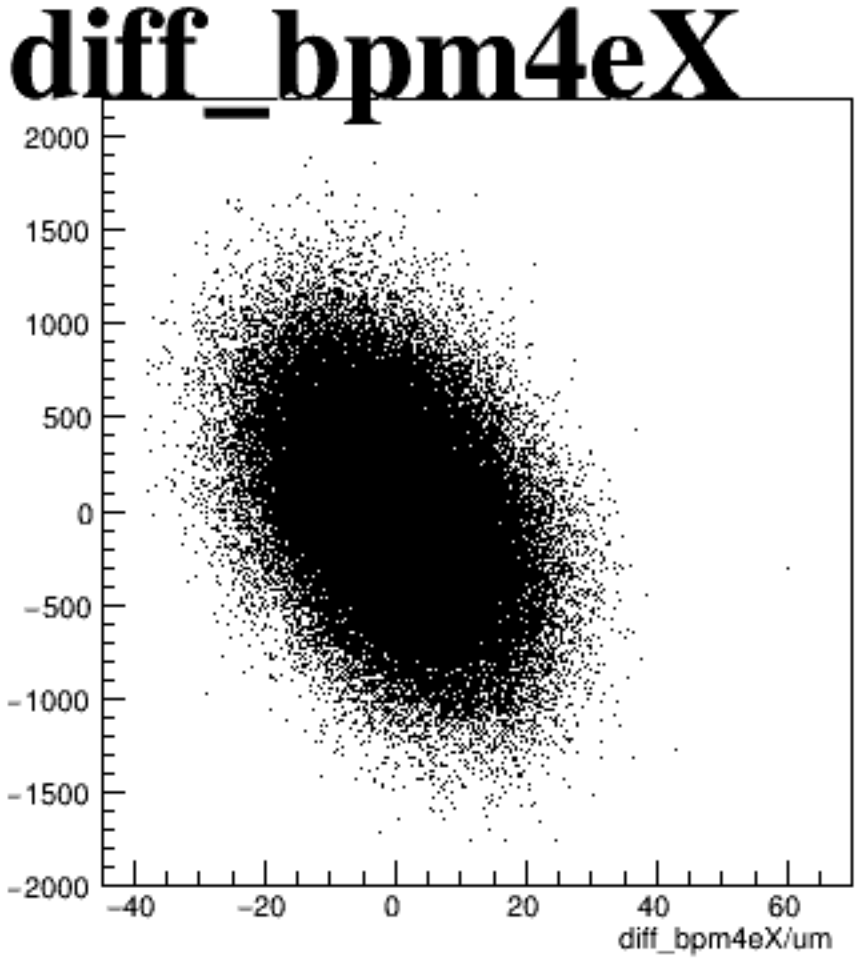
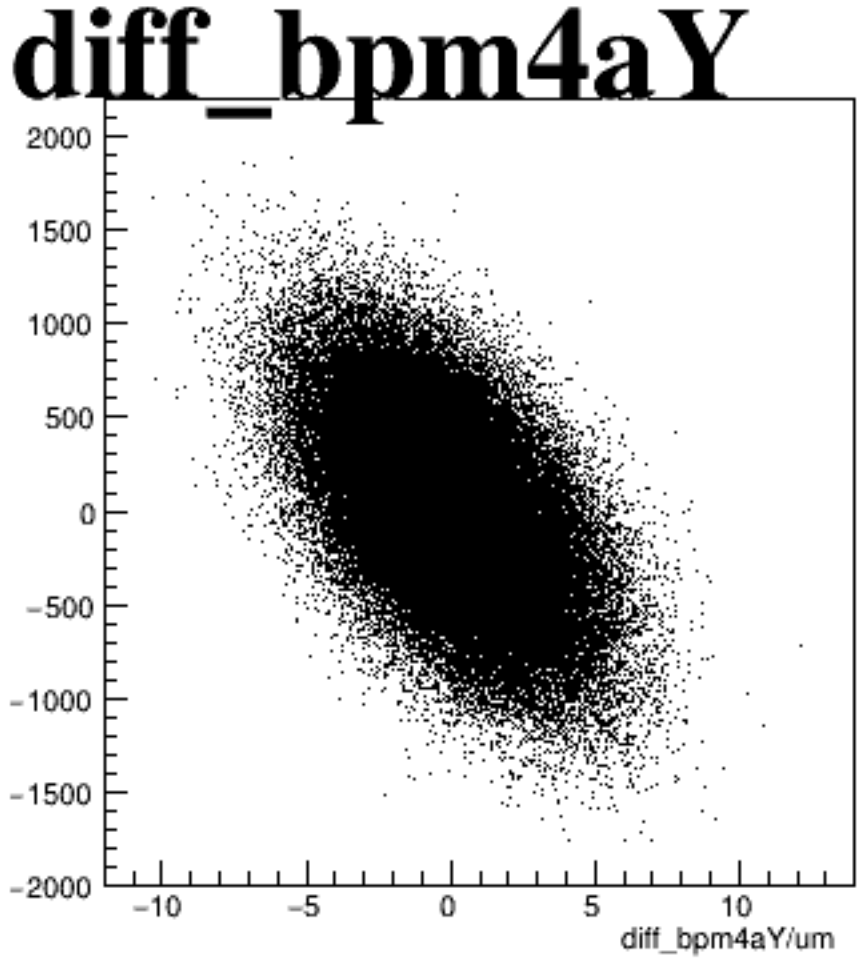
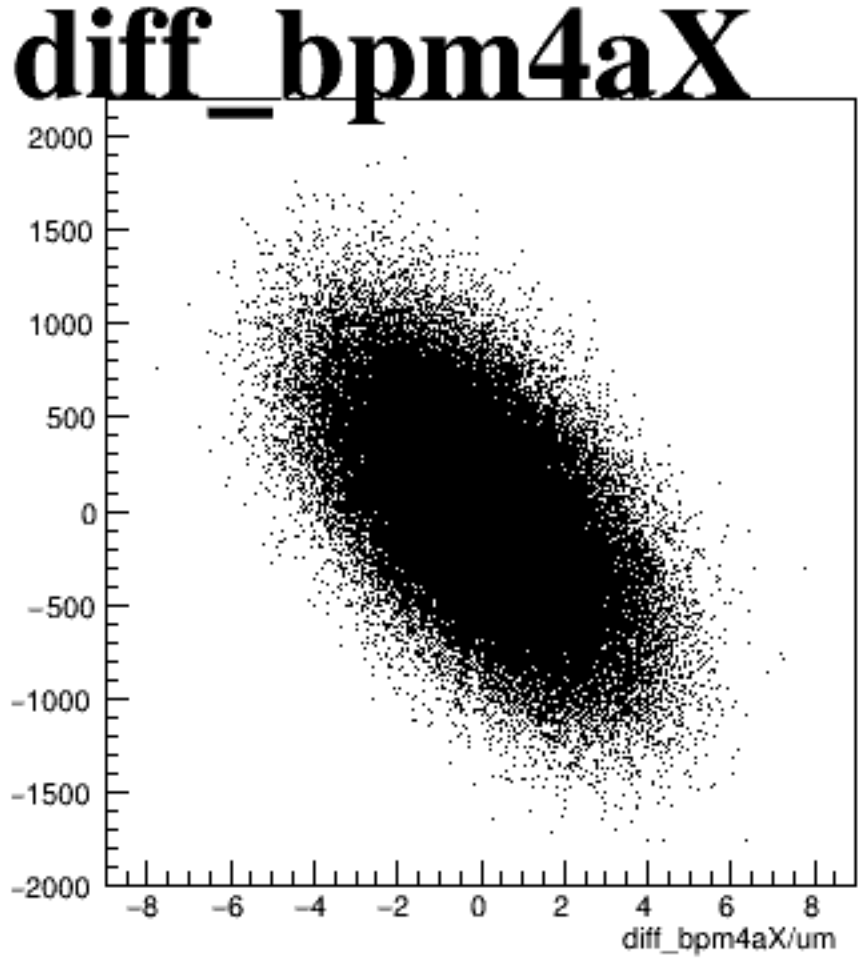
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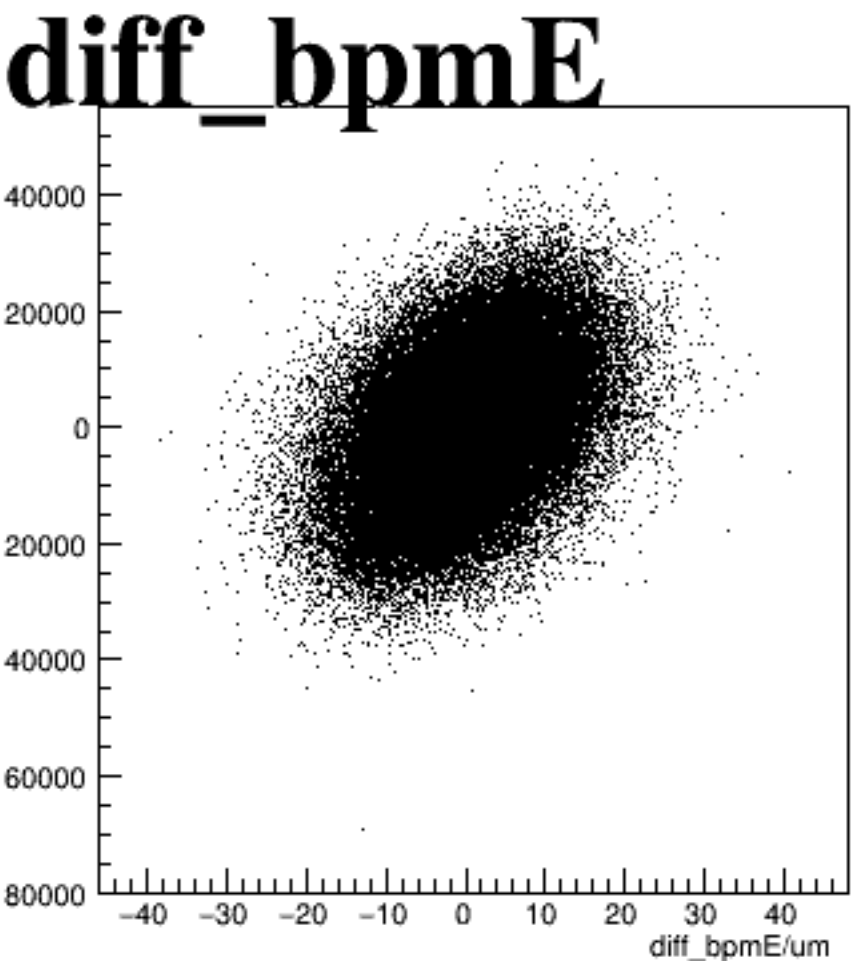
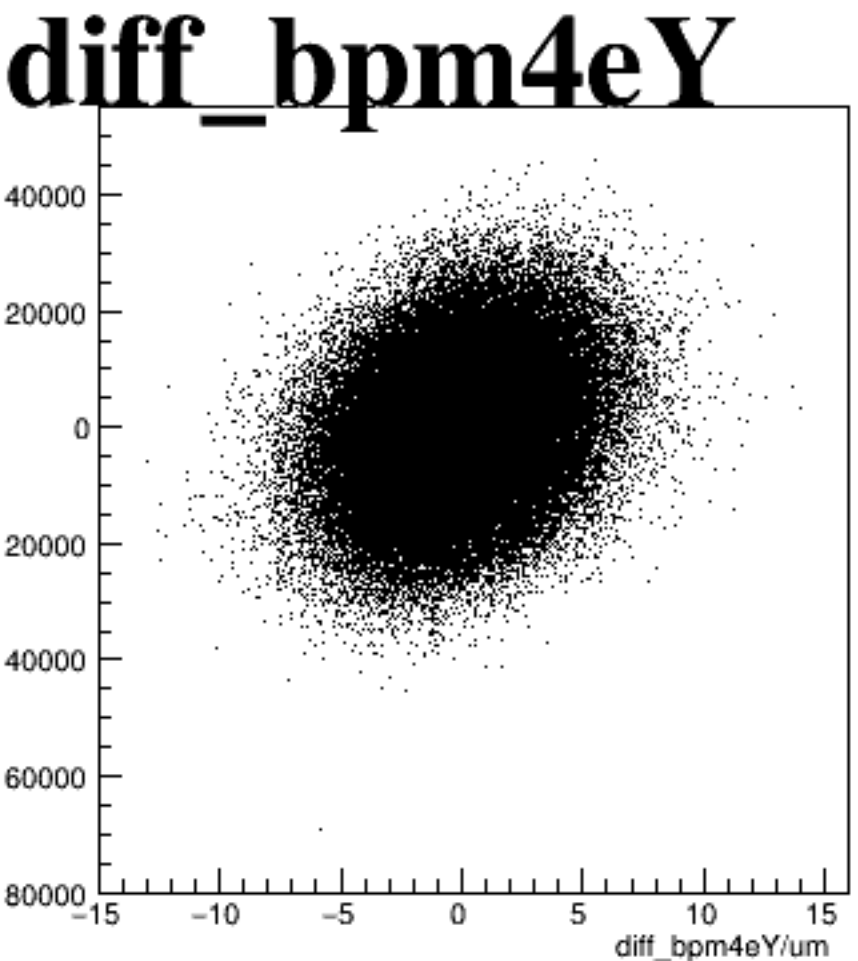
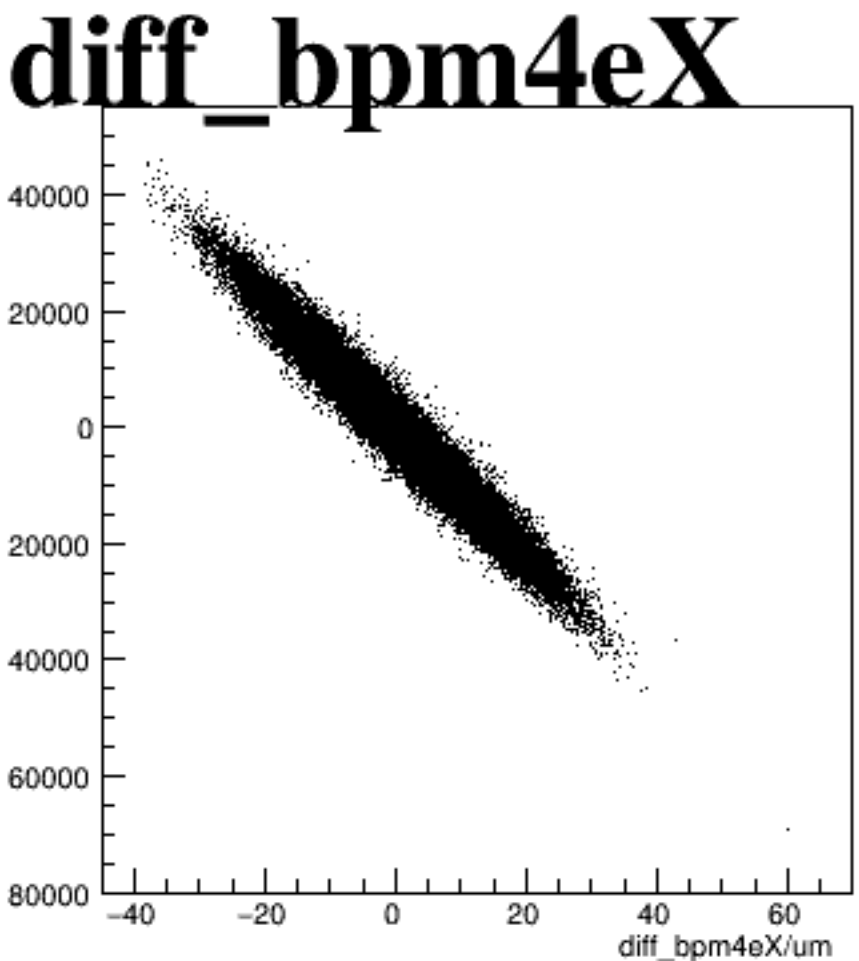
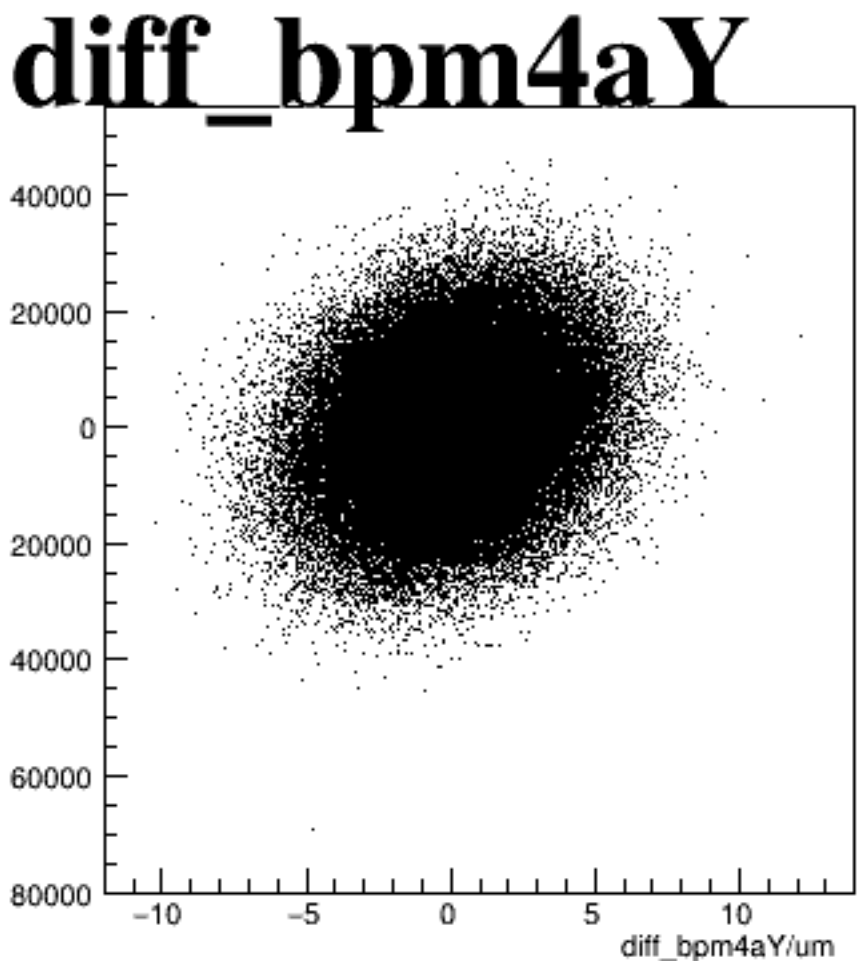
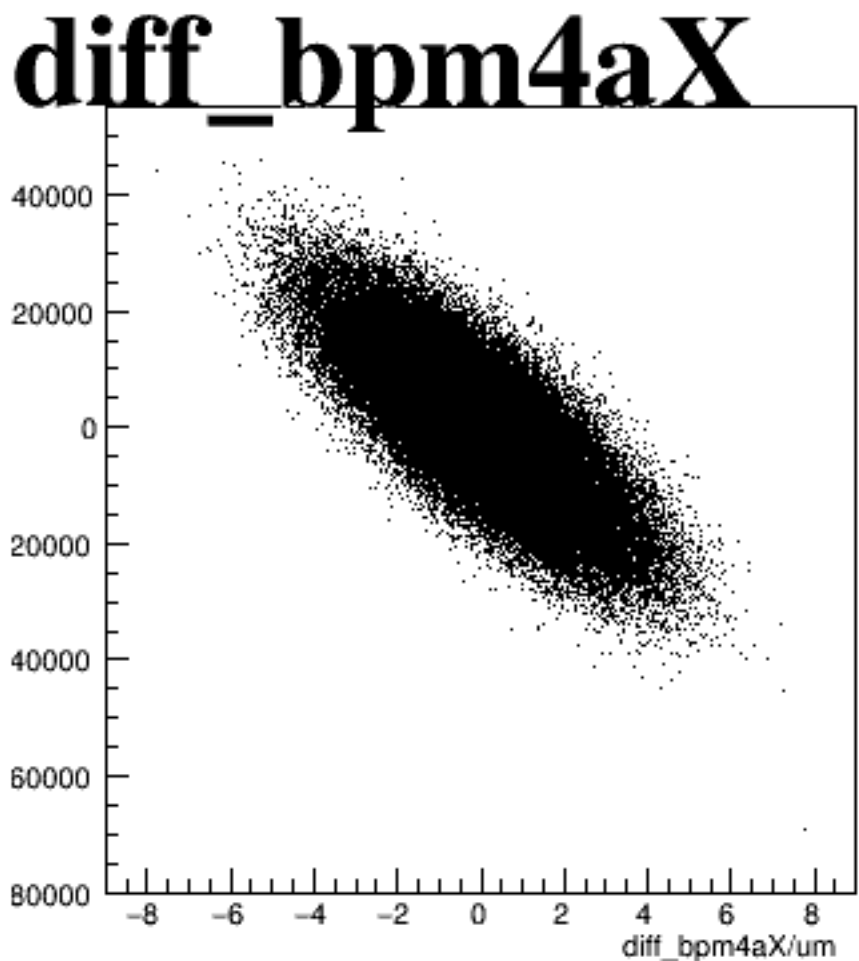
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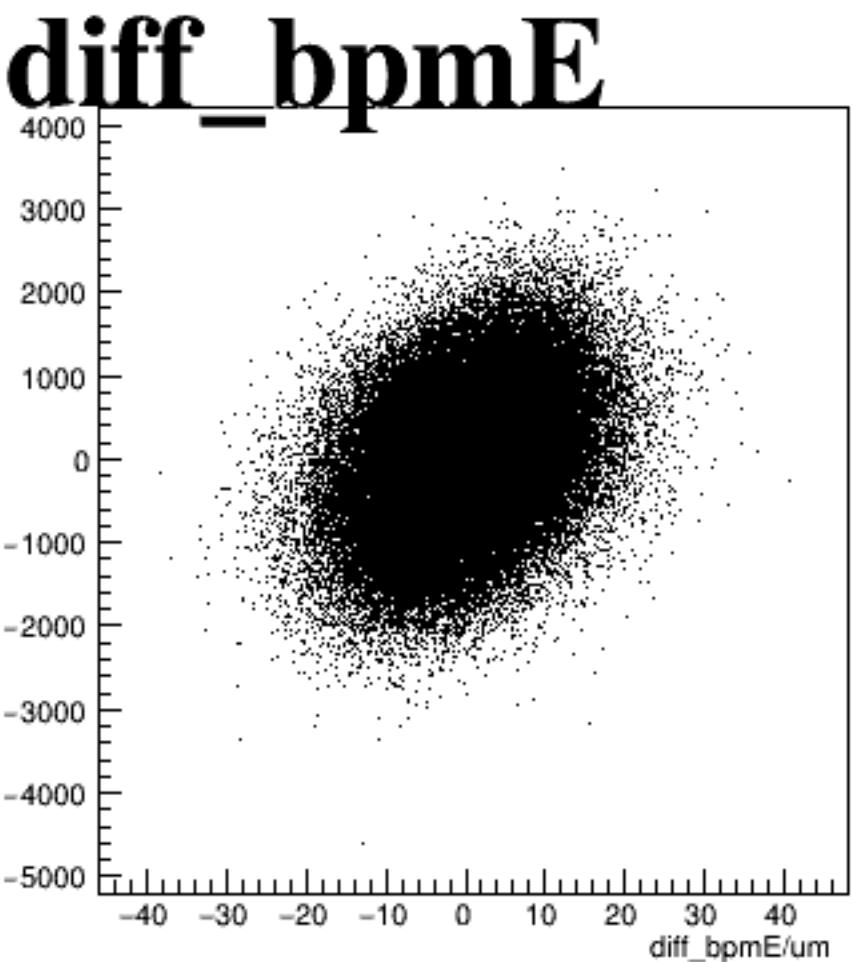
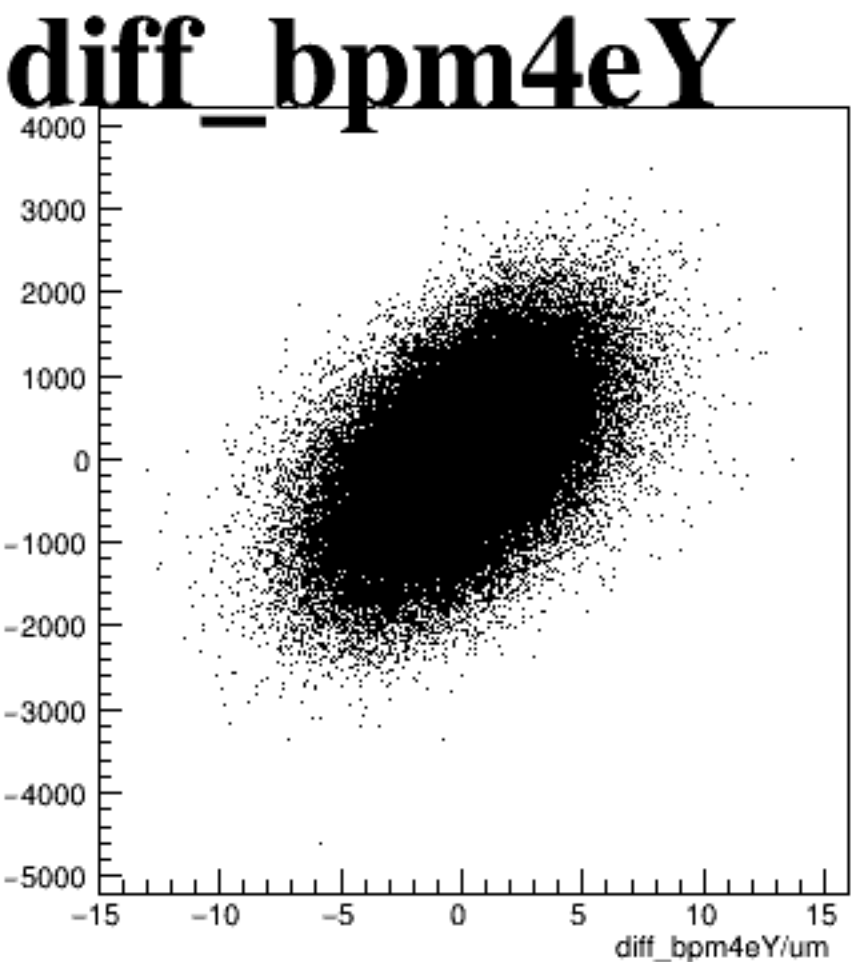
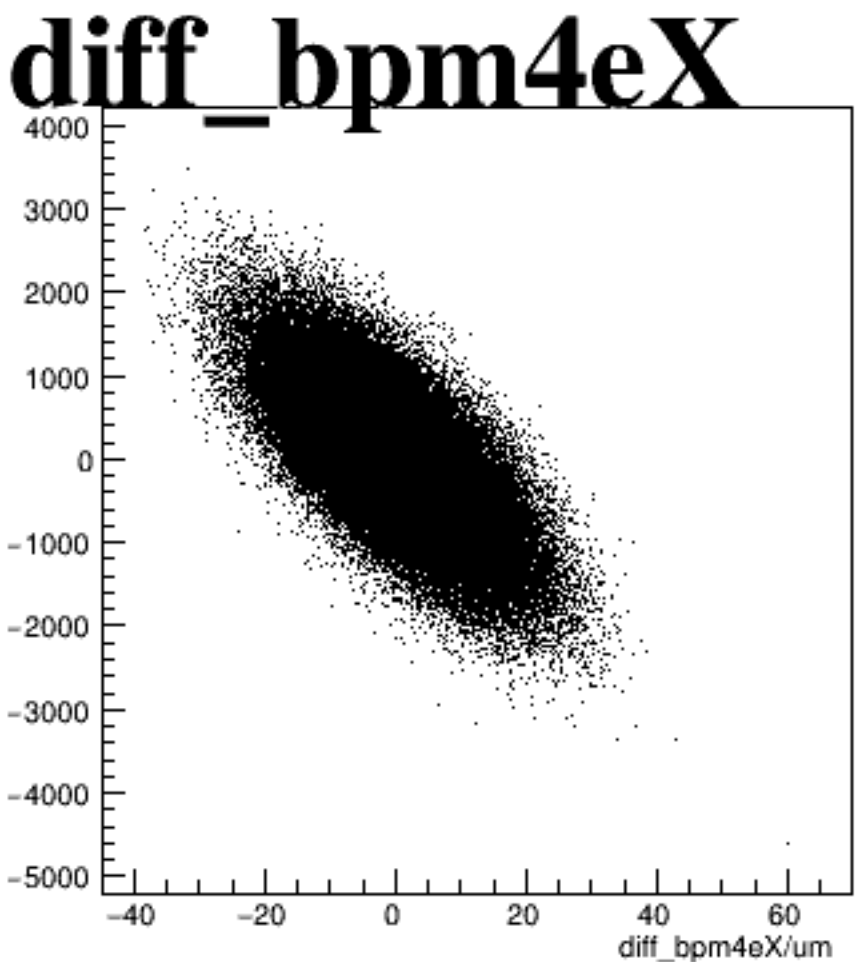
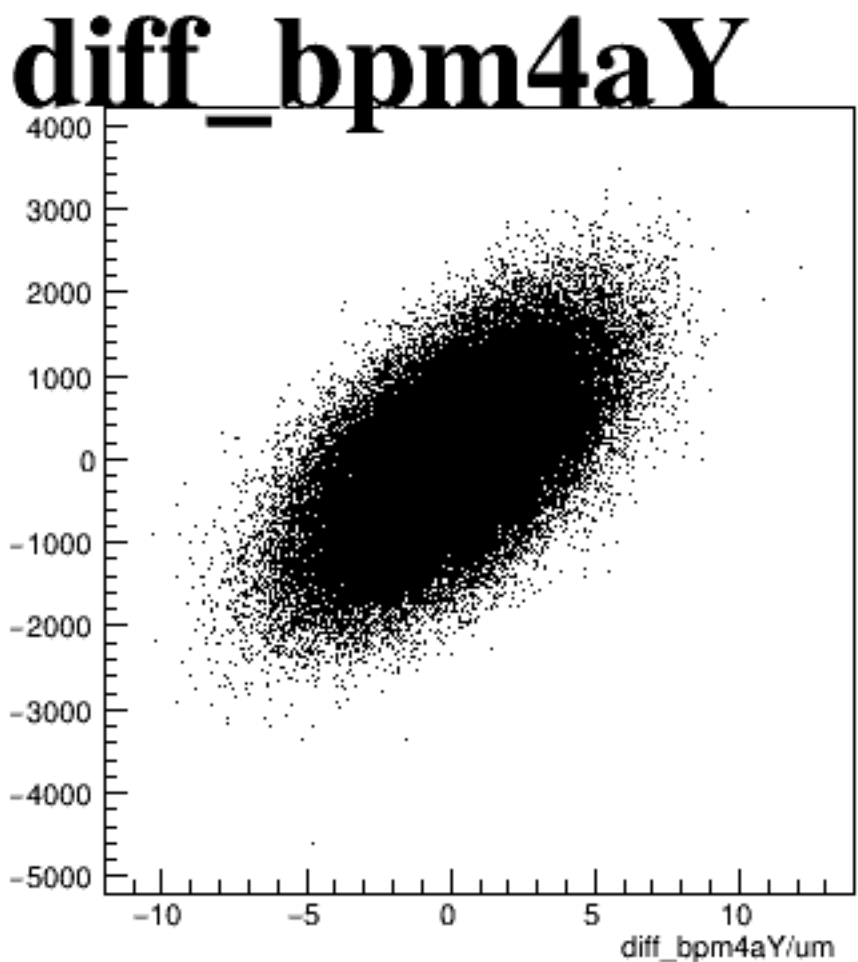
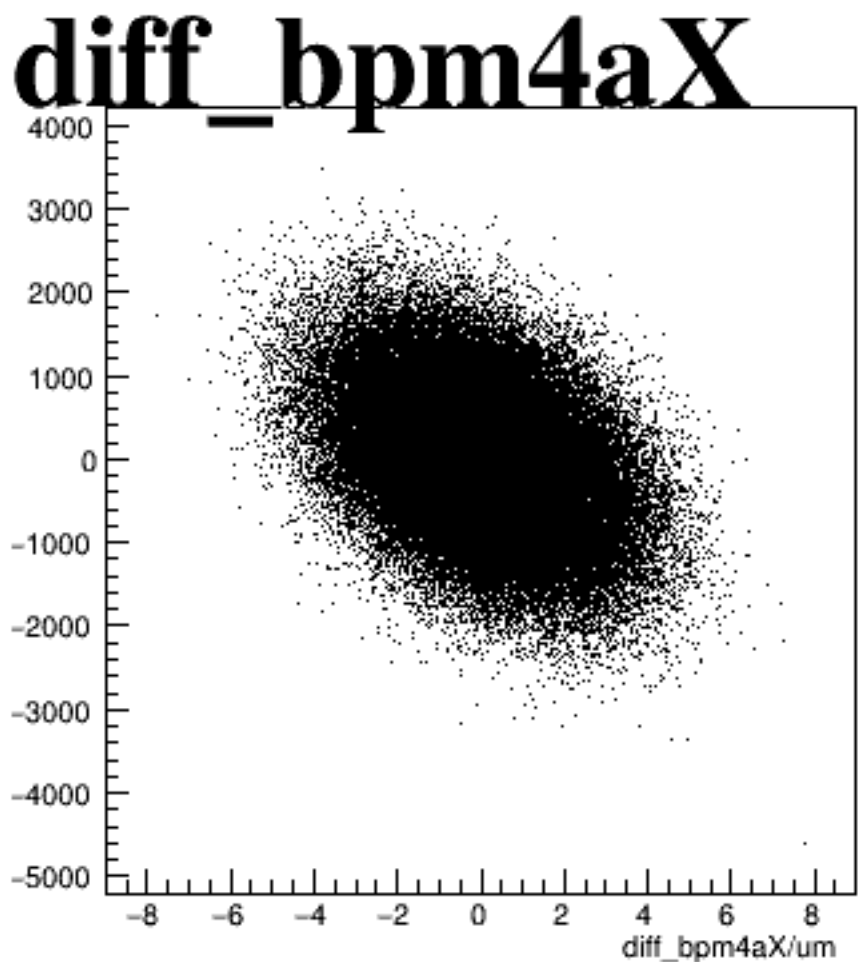
asym_sam1



asym_sam3



asym_sam5



asym_sam7

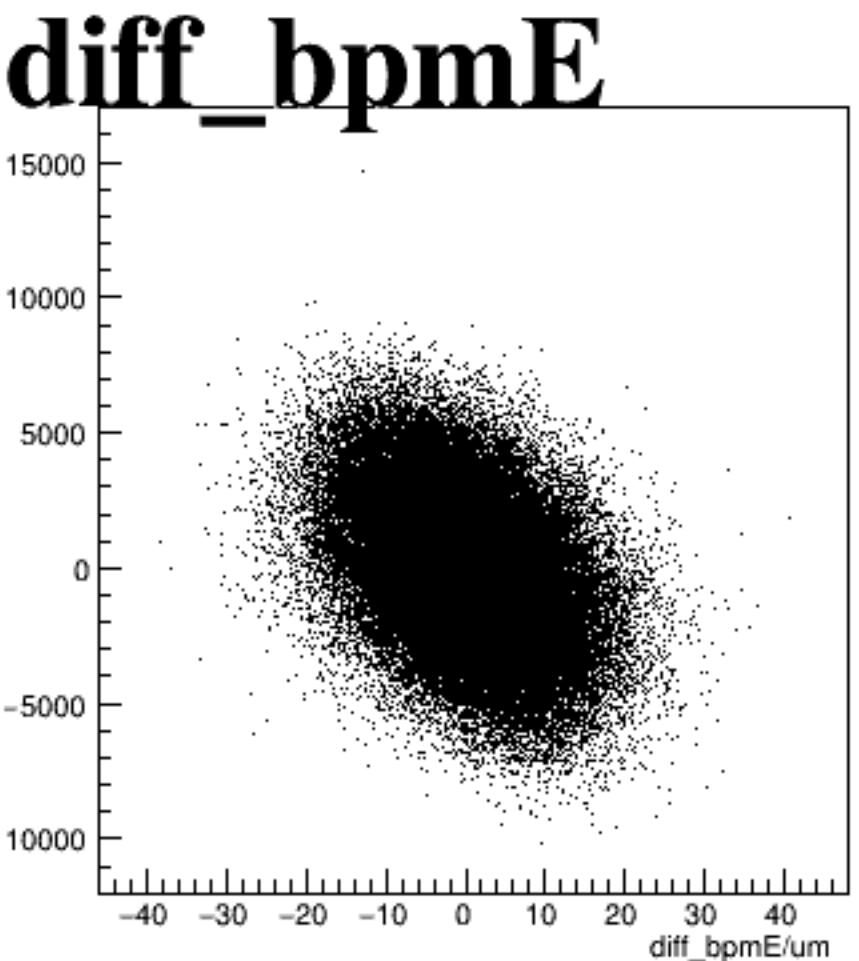
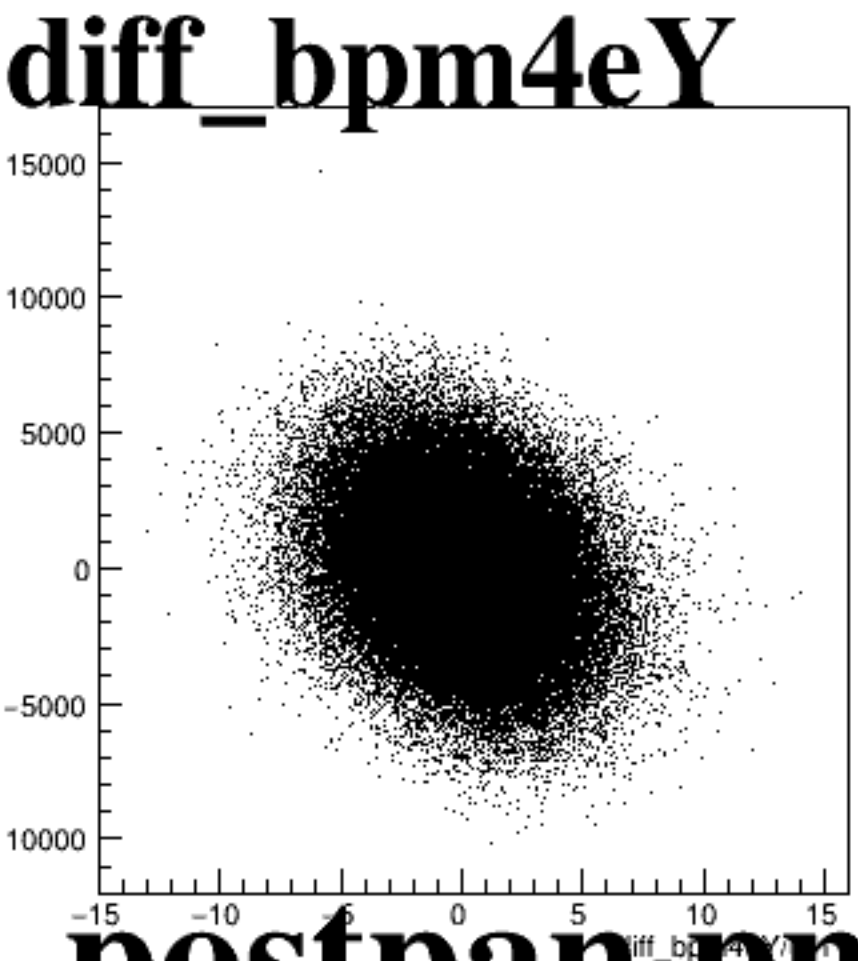
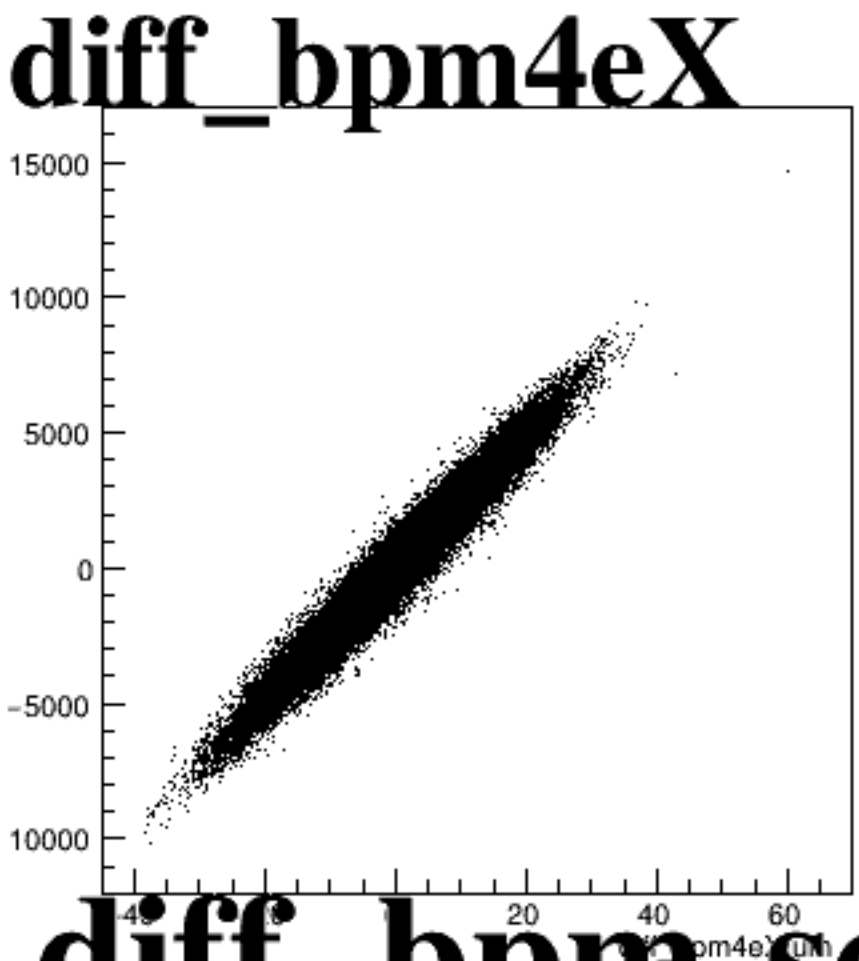
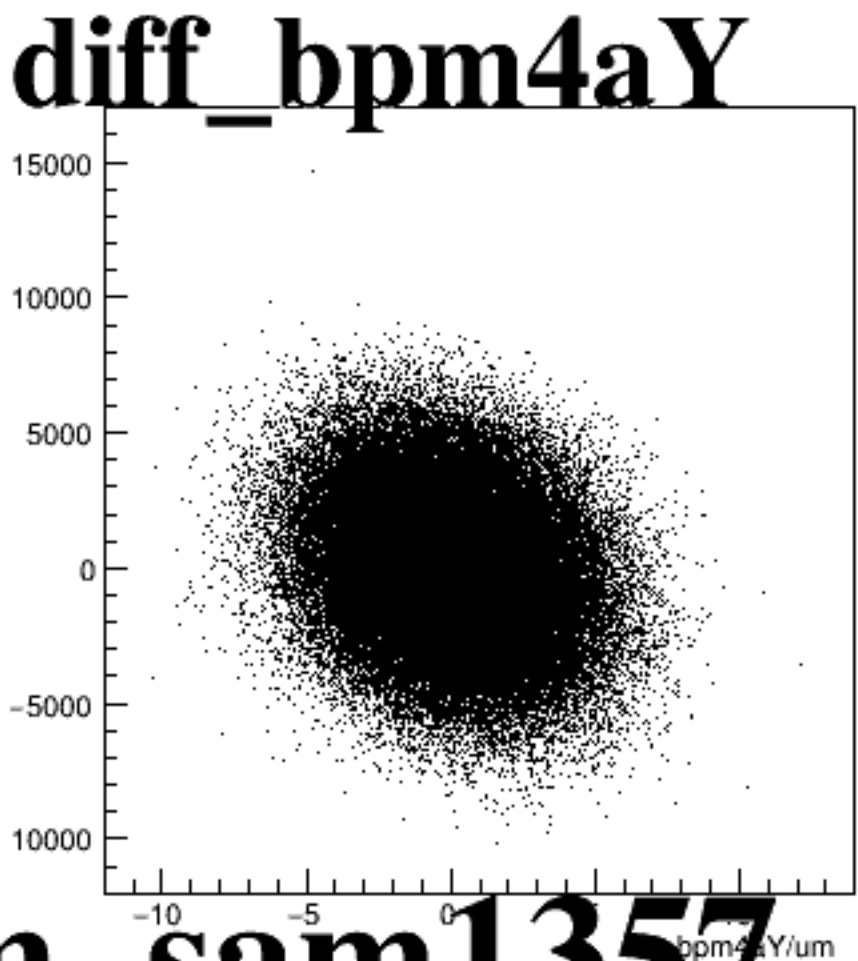
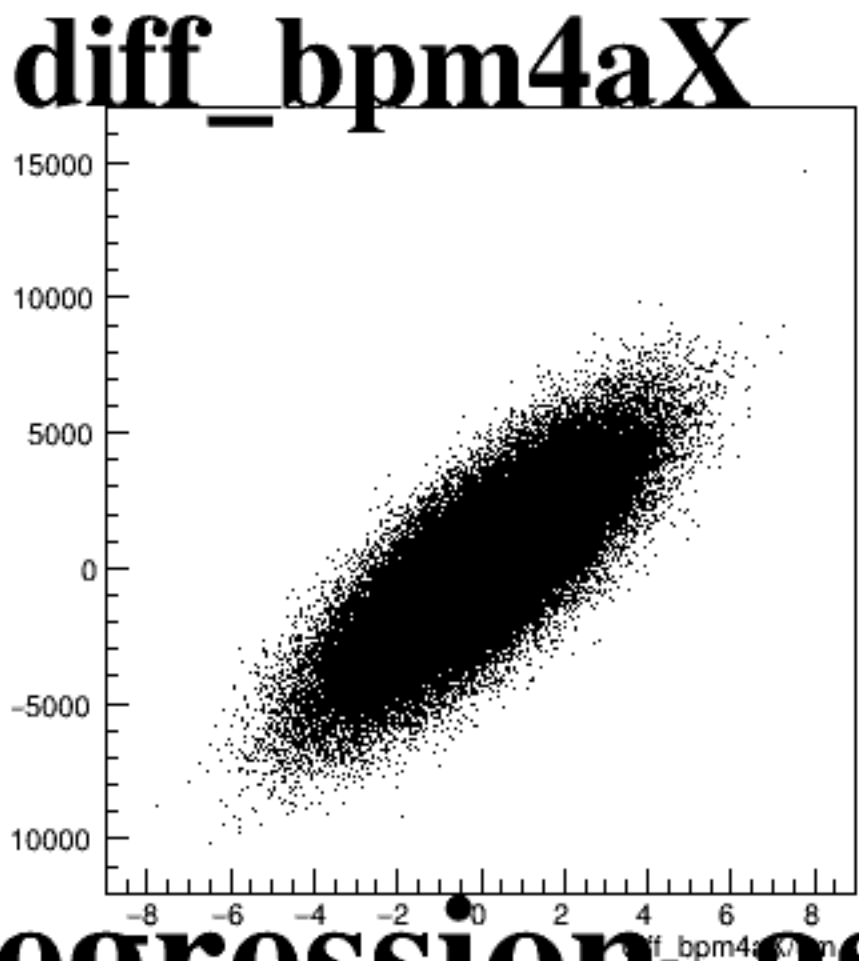


Figure 1 displays five scatter plots showing the distribution of beam position monitors (BPMs) for the diffraction orders 4aX, 4aY, 4eX, 4eY, and E. Each plot has a y-axis from -1500 to 1500 and an x-axis representing the BPM position in micrometers. The distributions are roughly circular and centered around the origin.