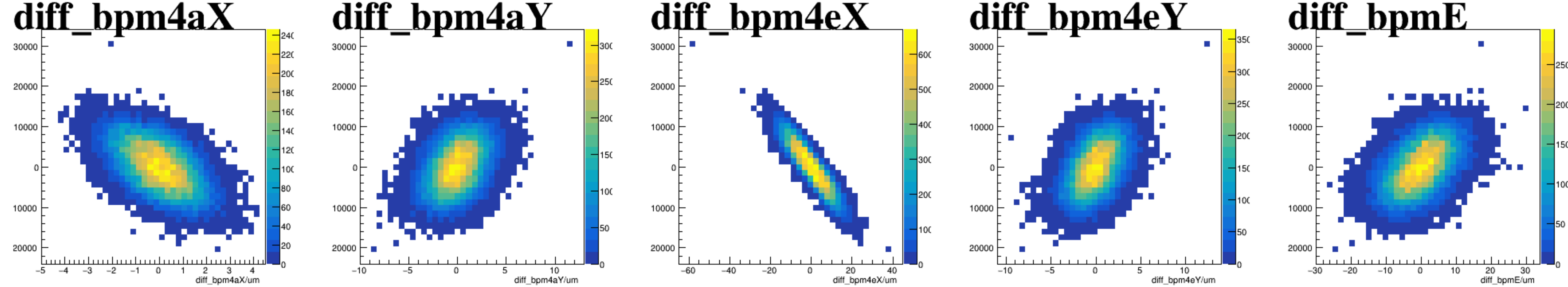
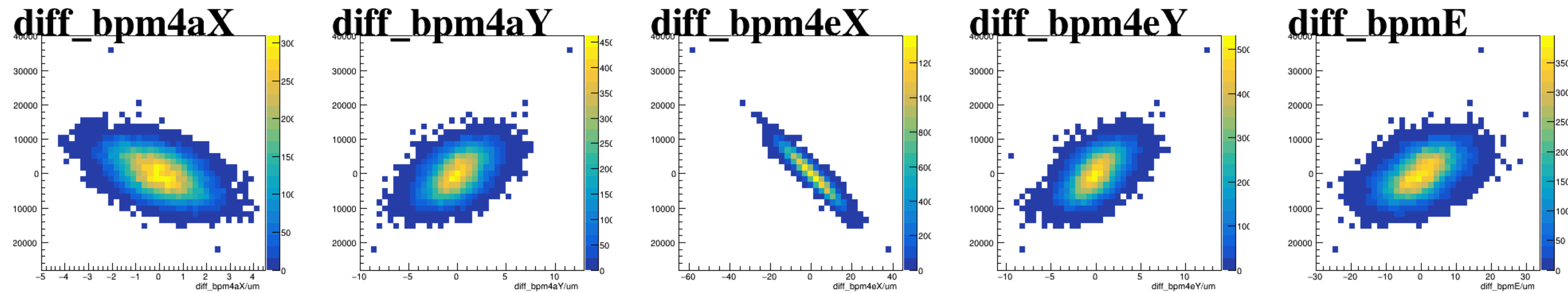


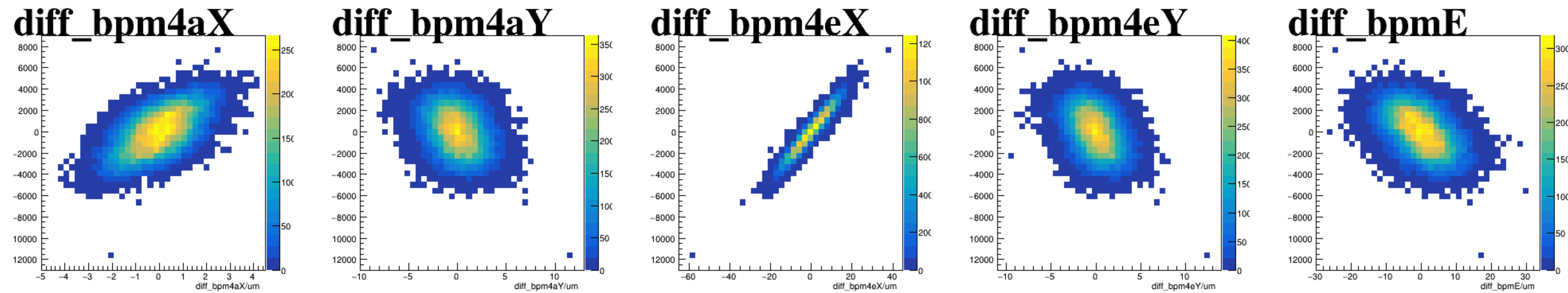
asym_sam2



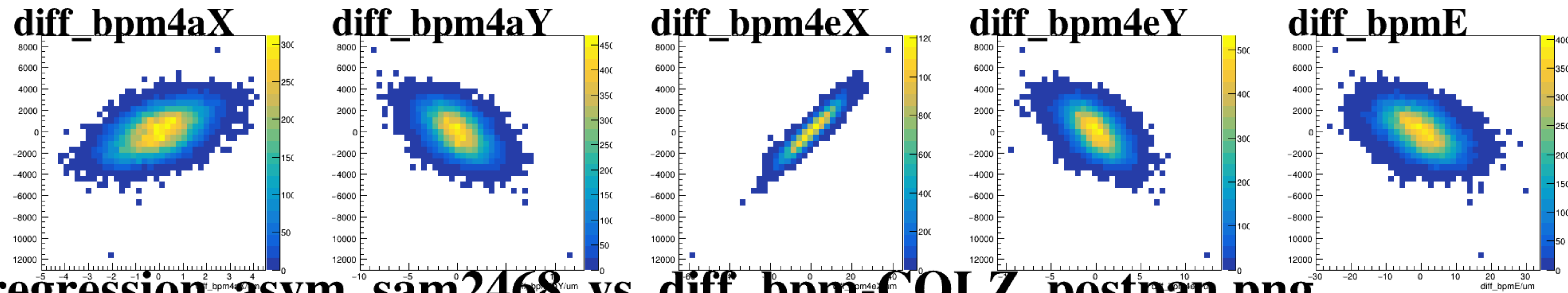
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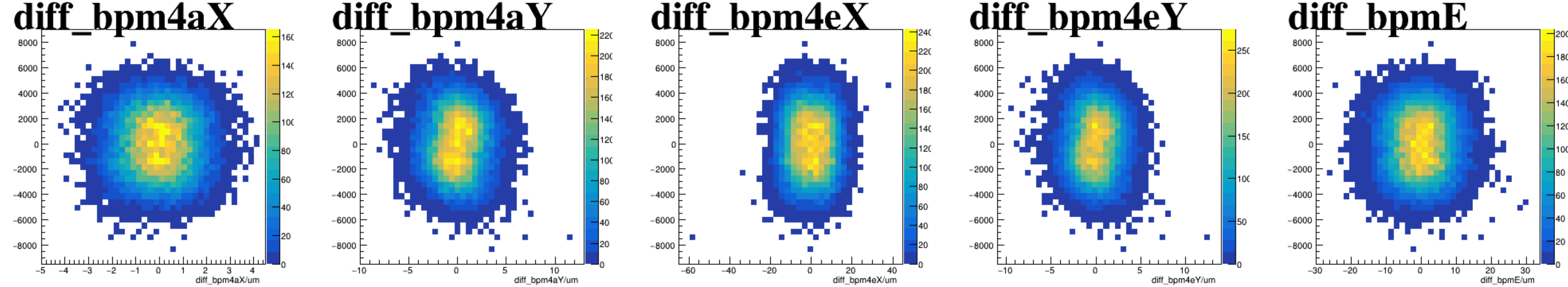
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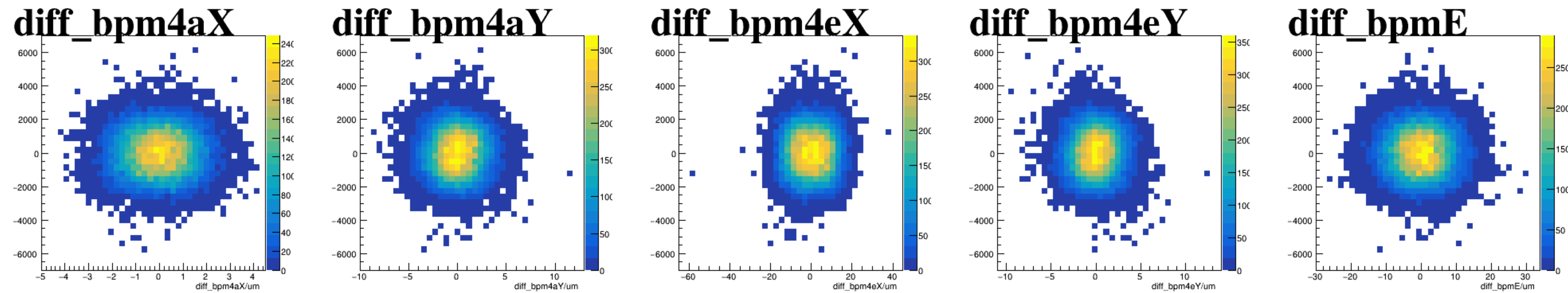
asym_sam8



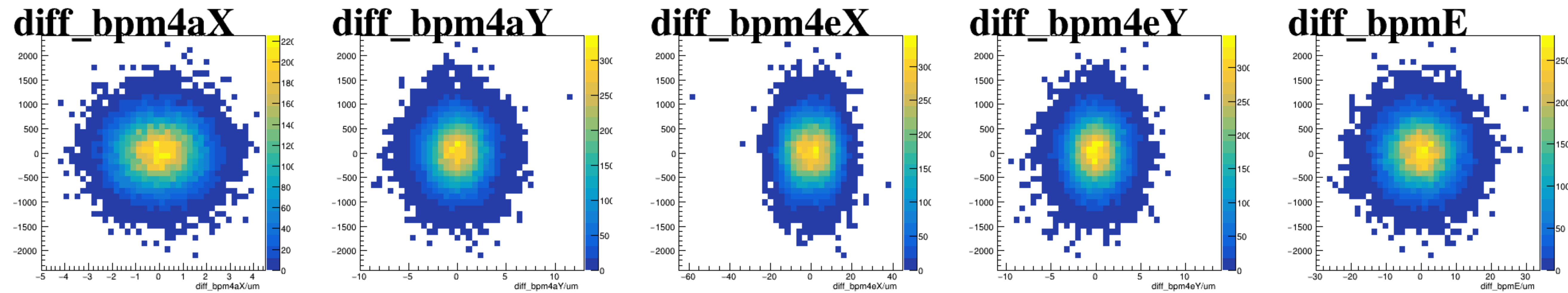
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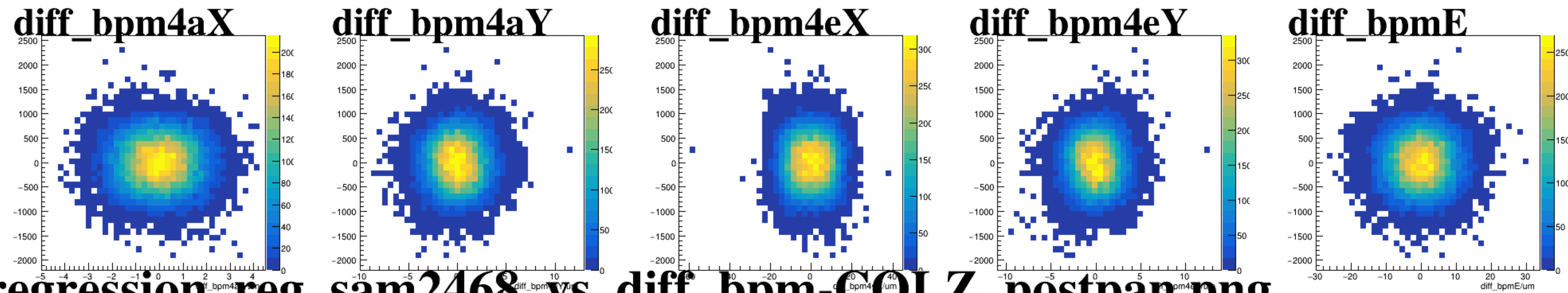
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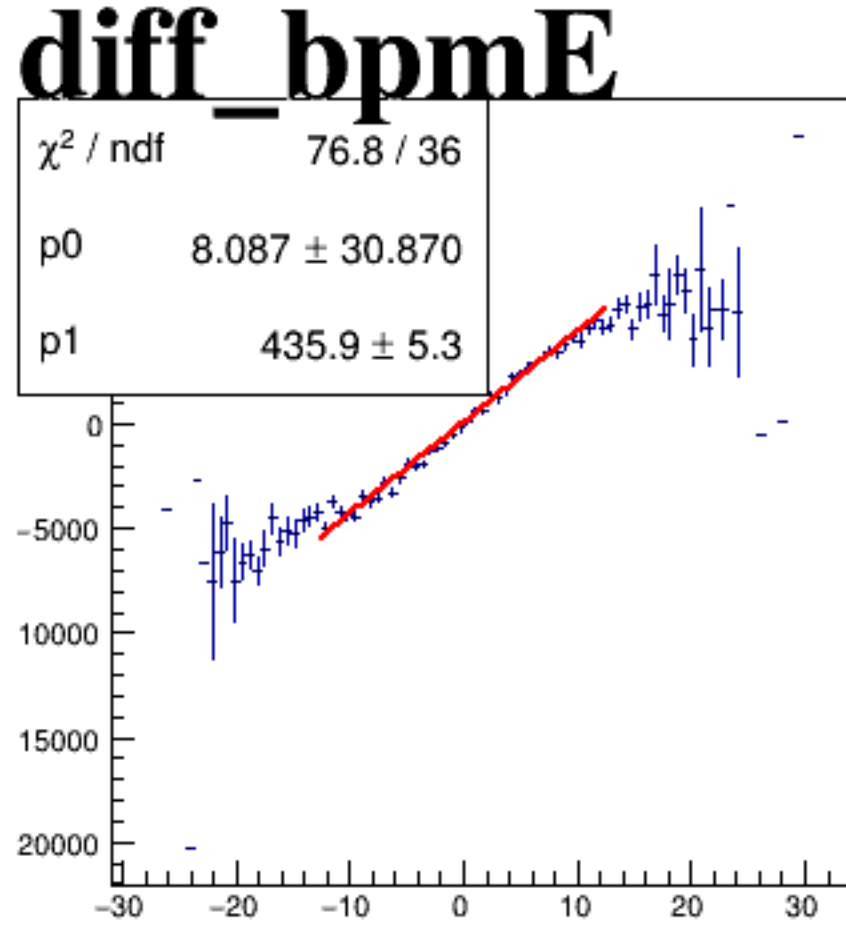
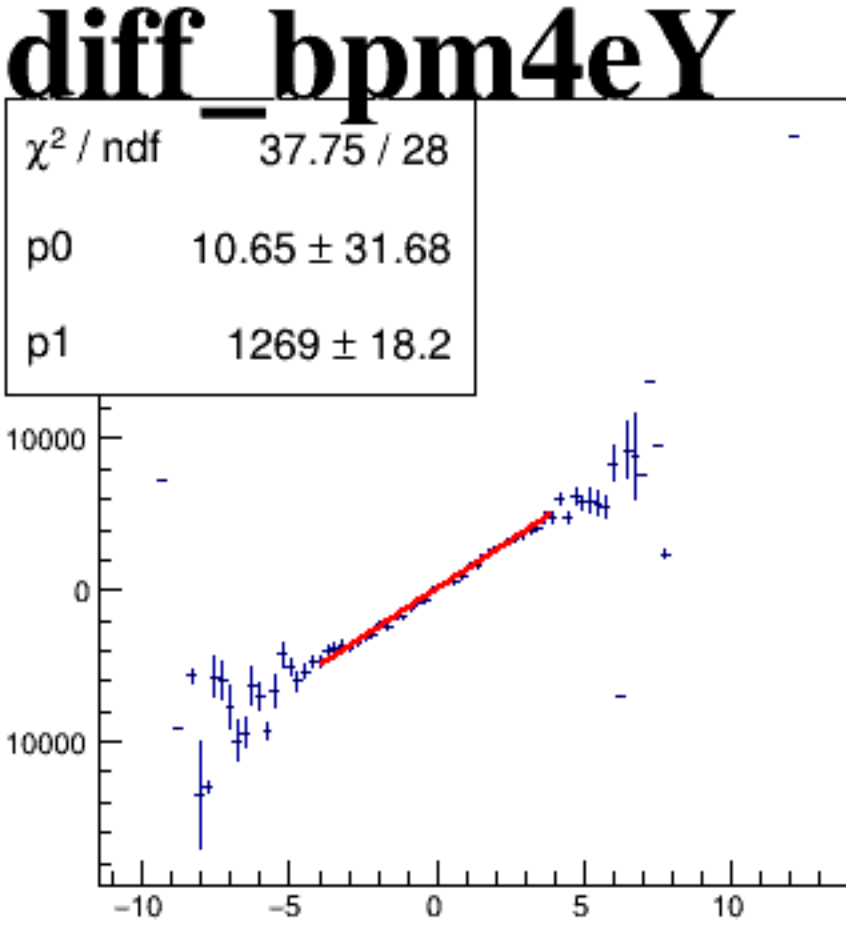
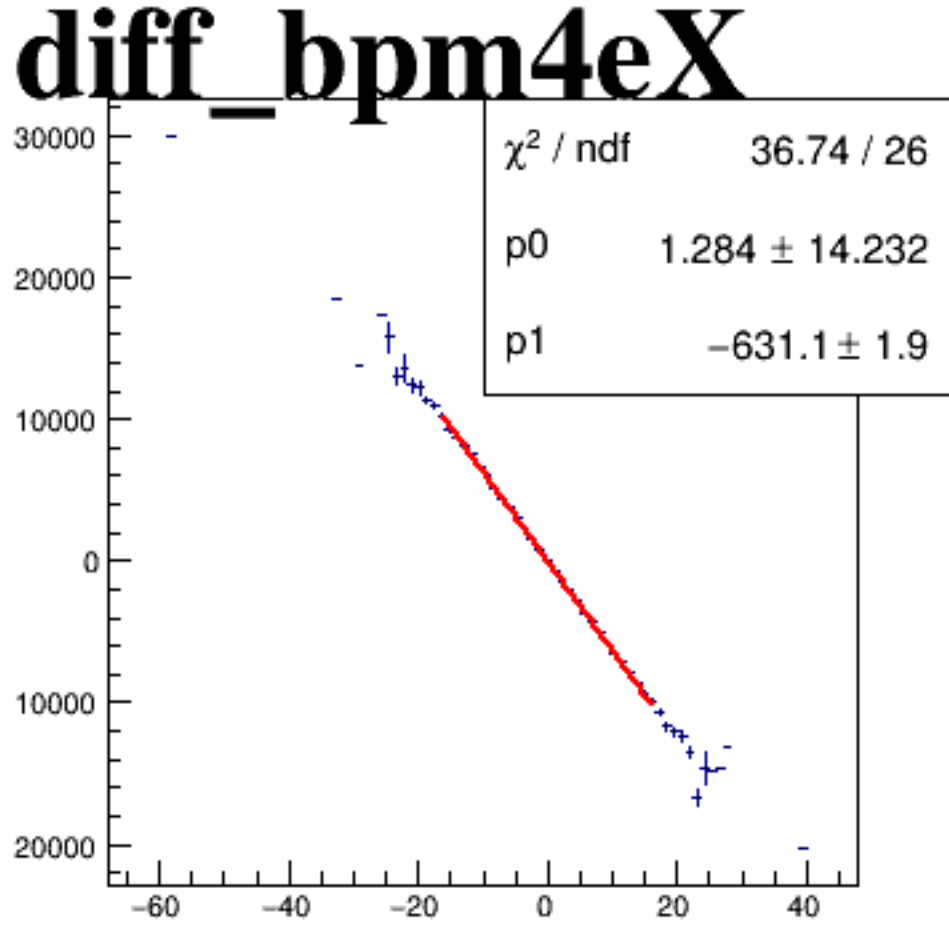
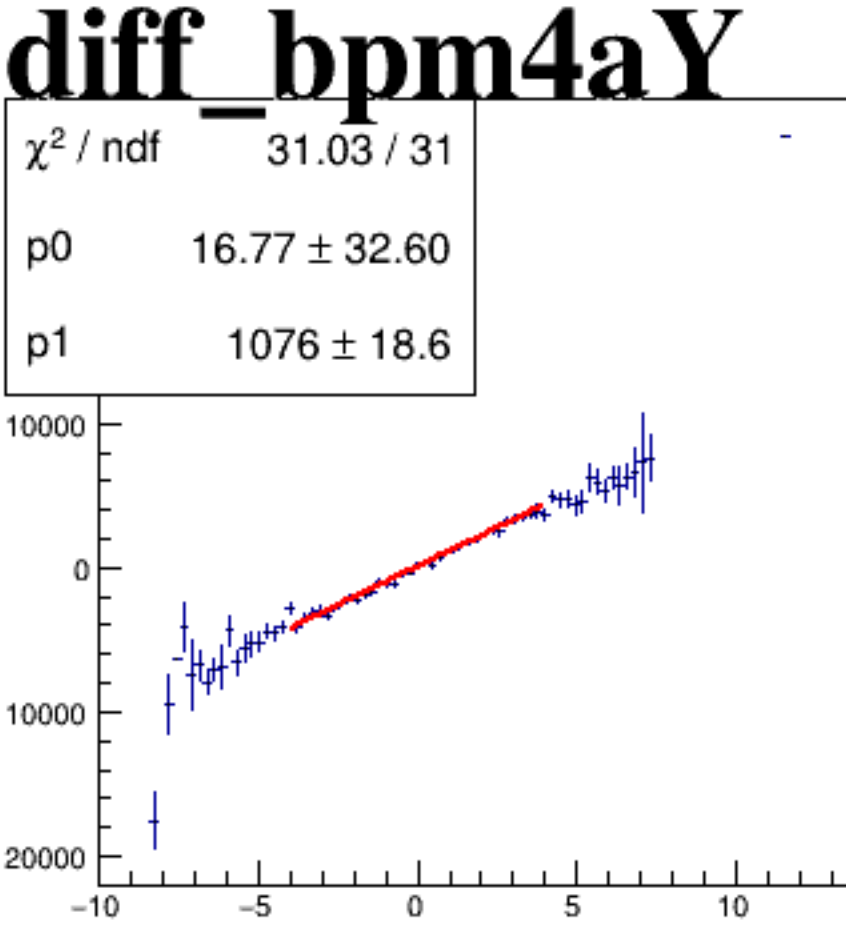
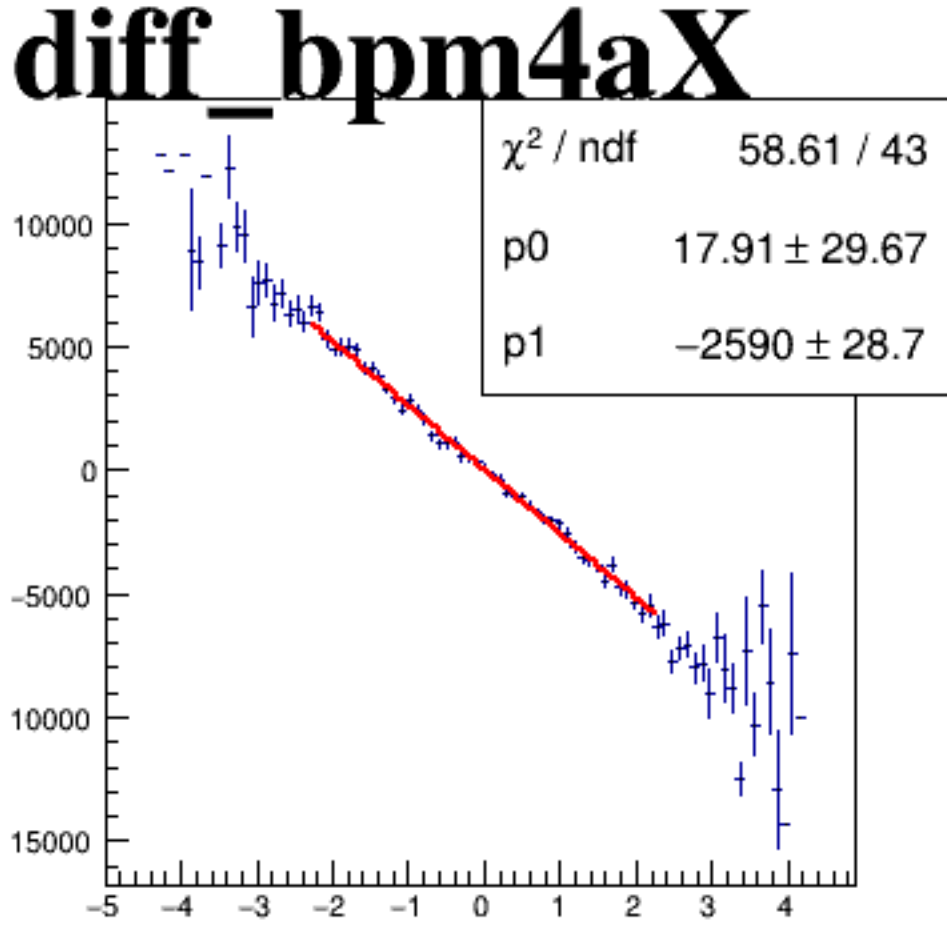
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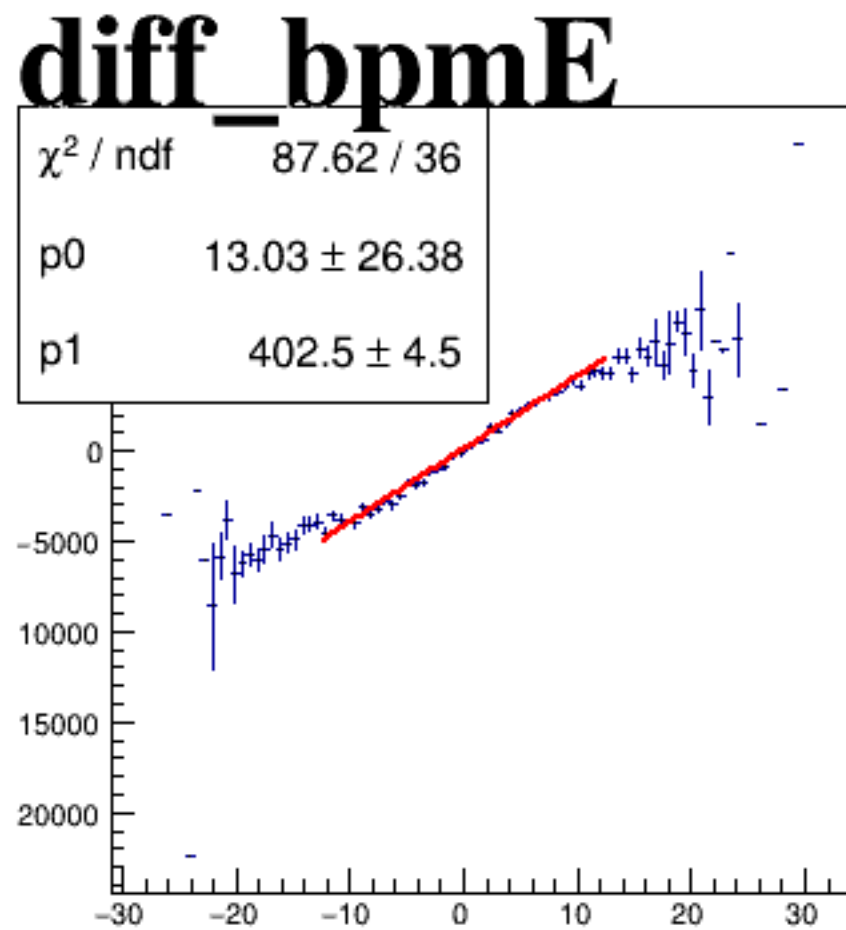
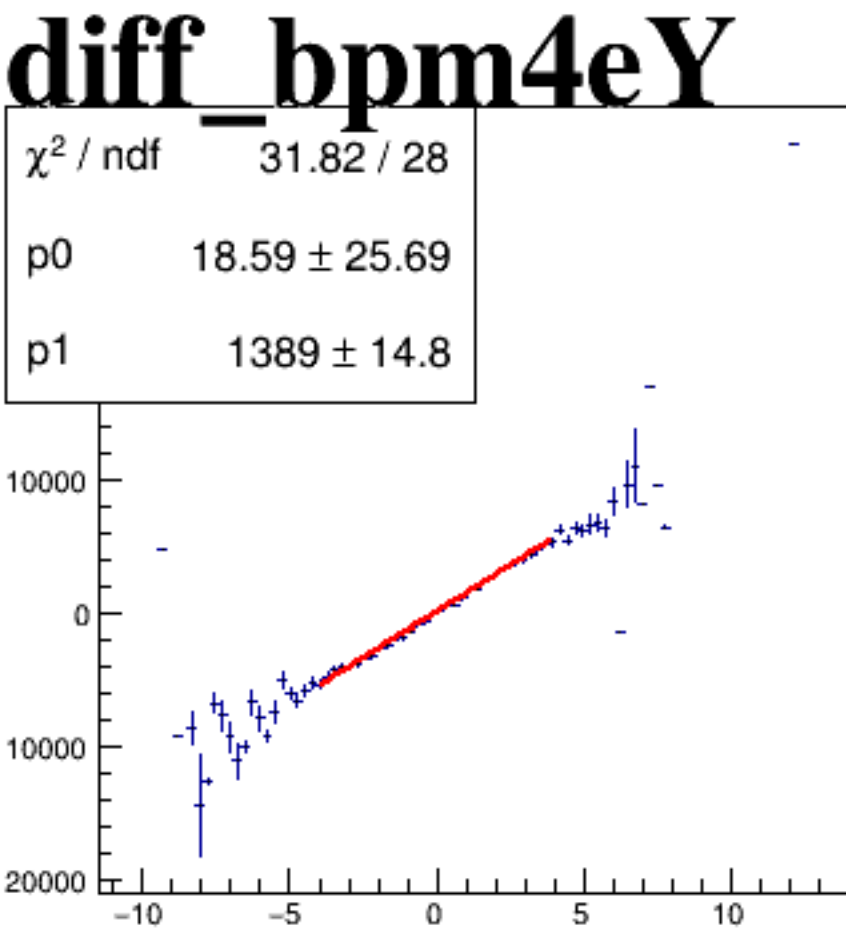
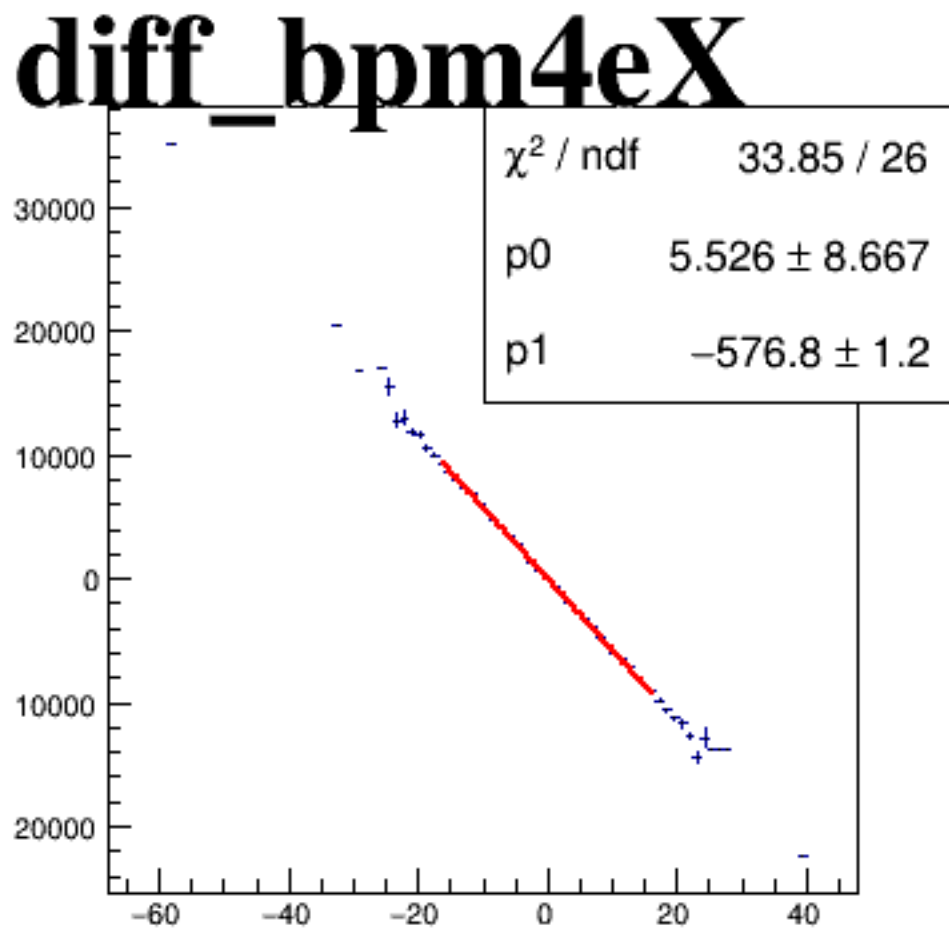
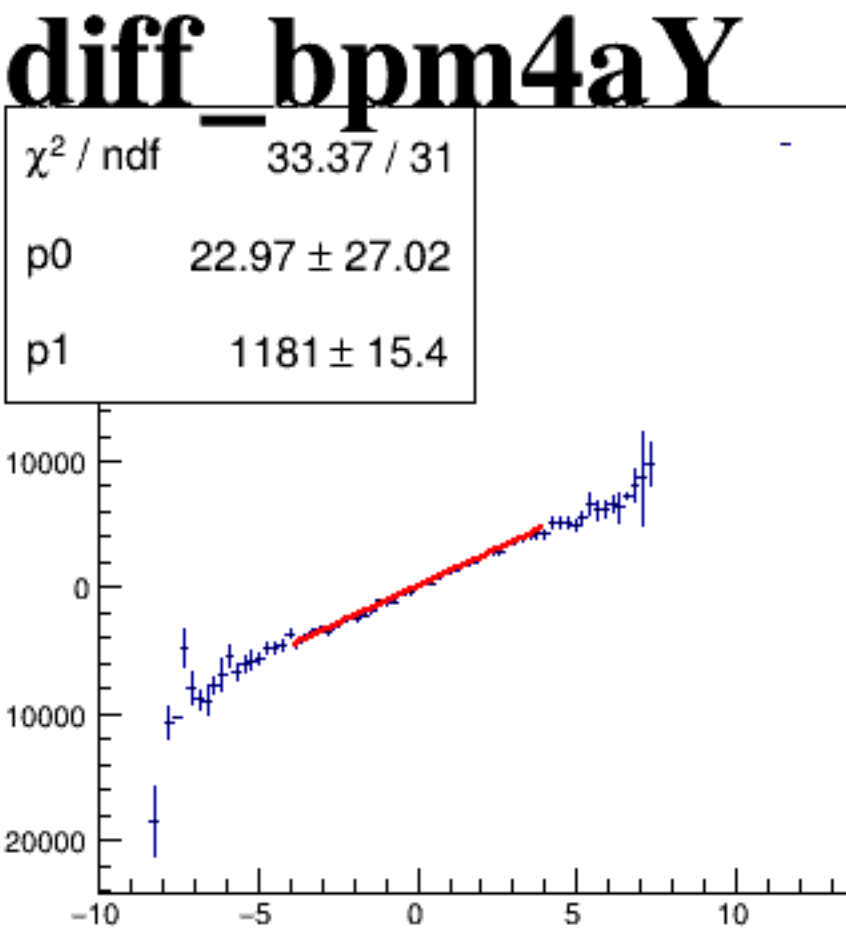
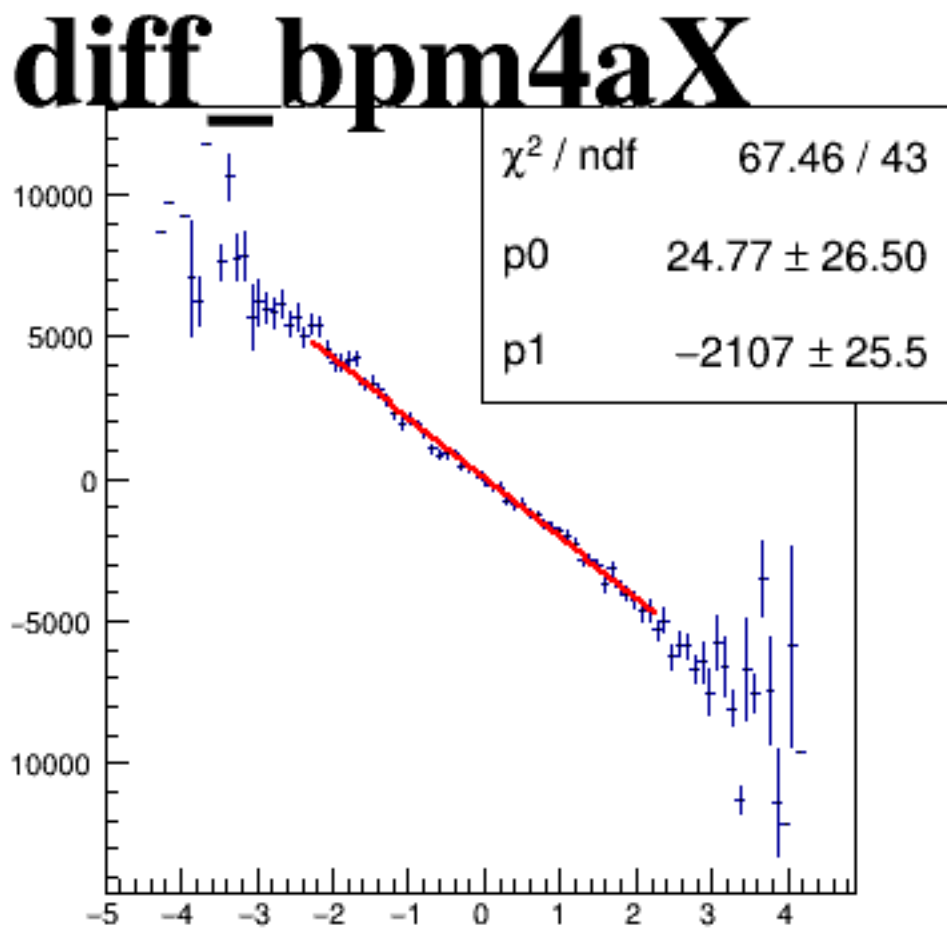
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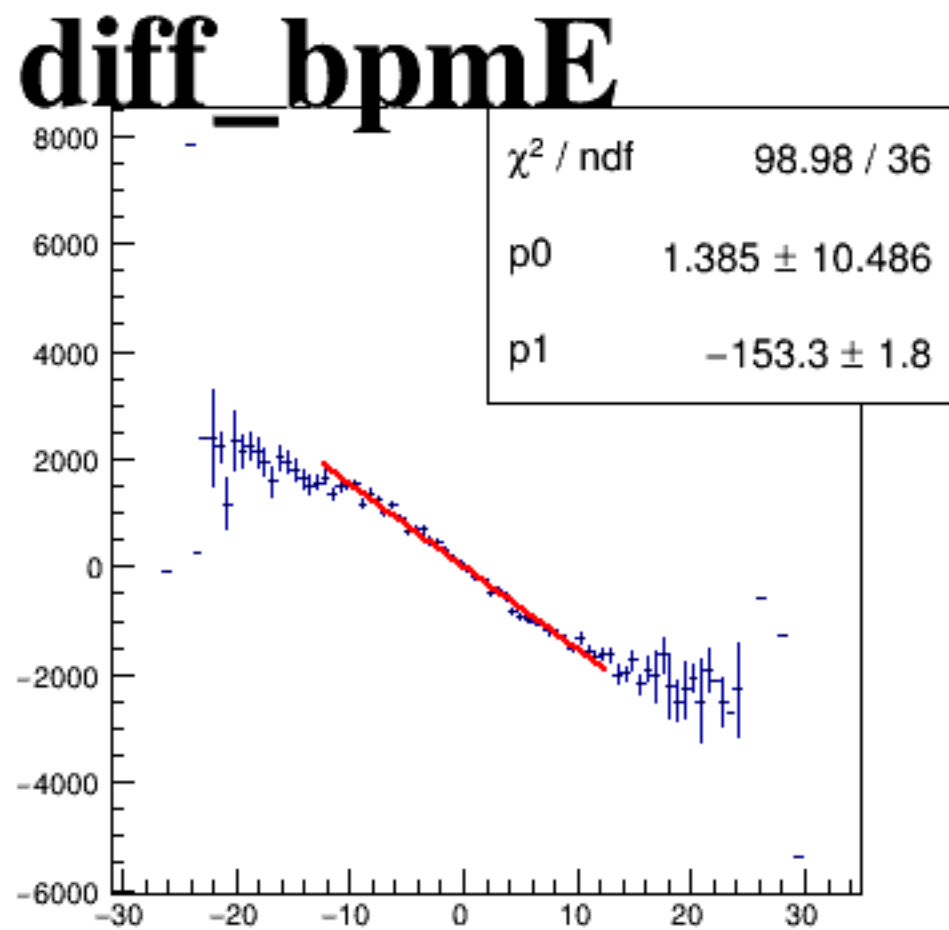
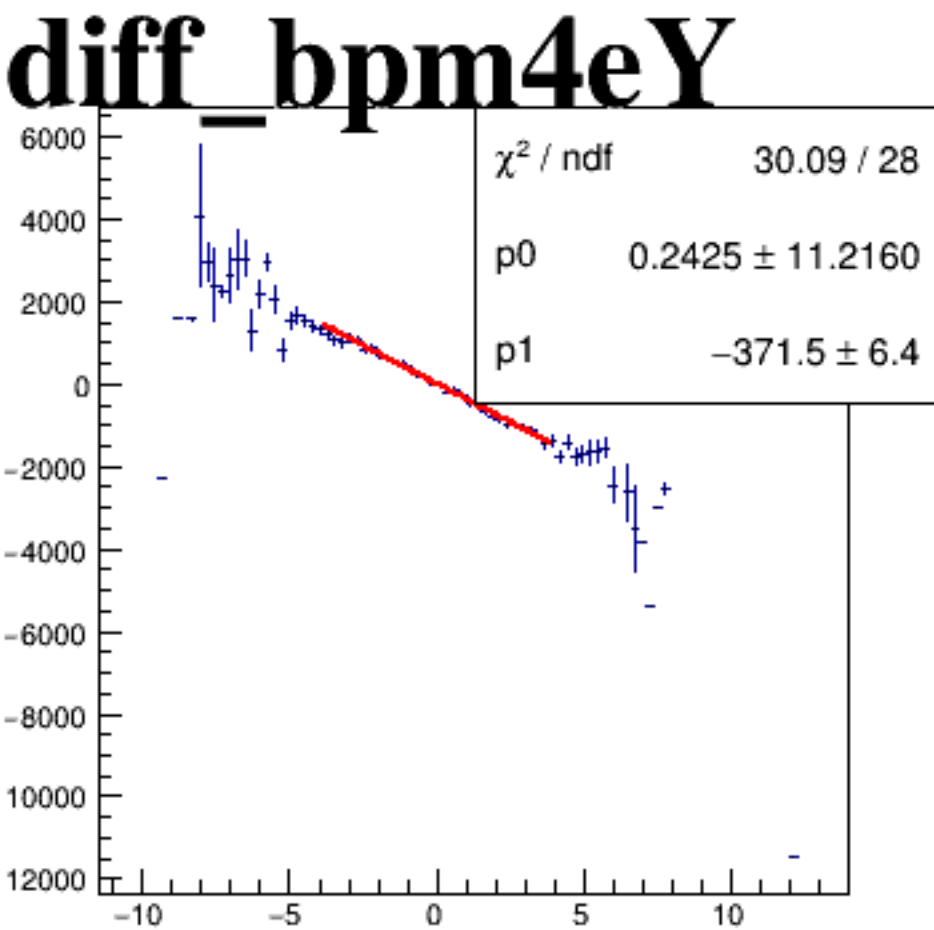
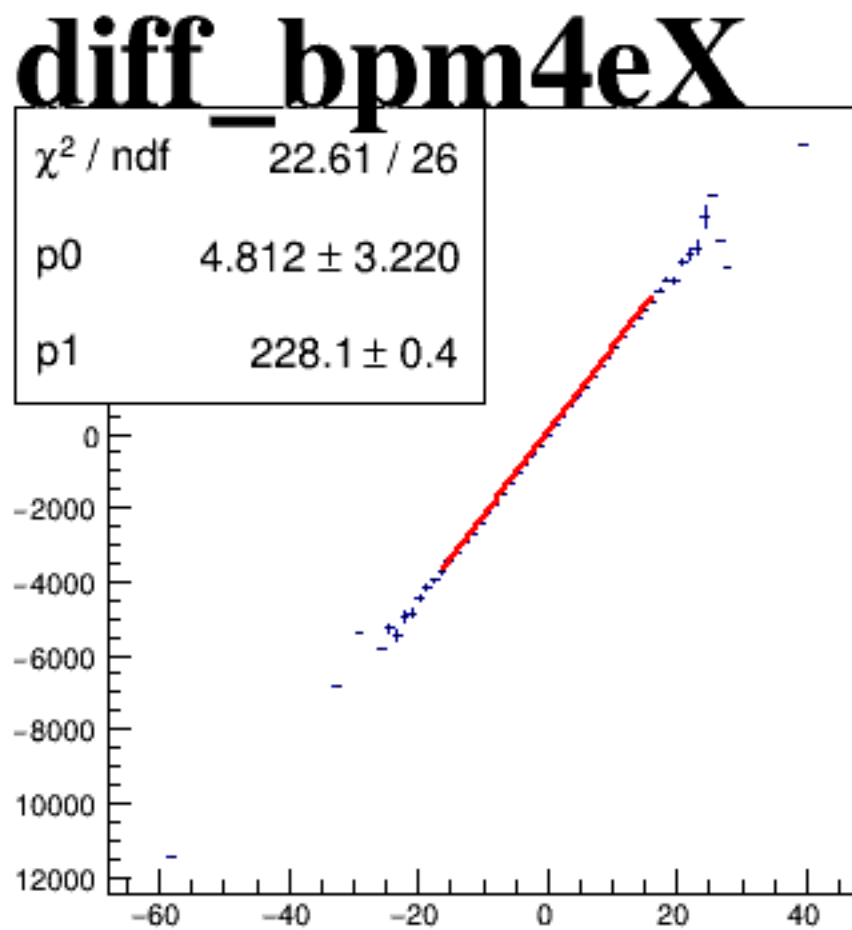
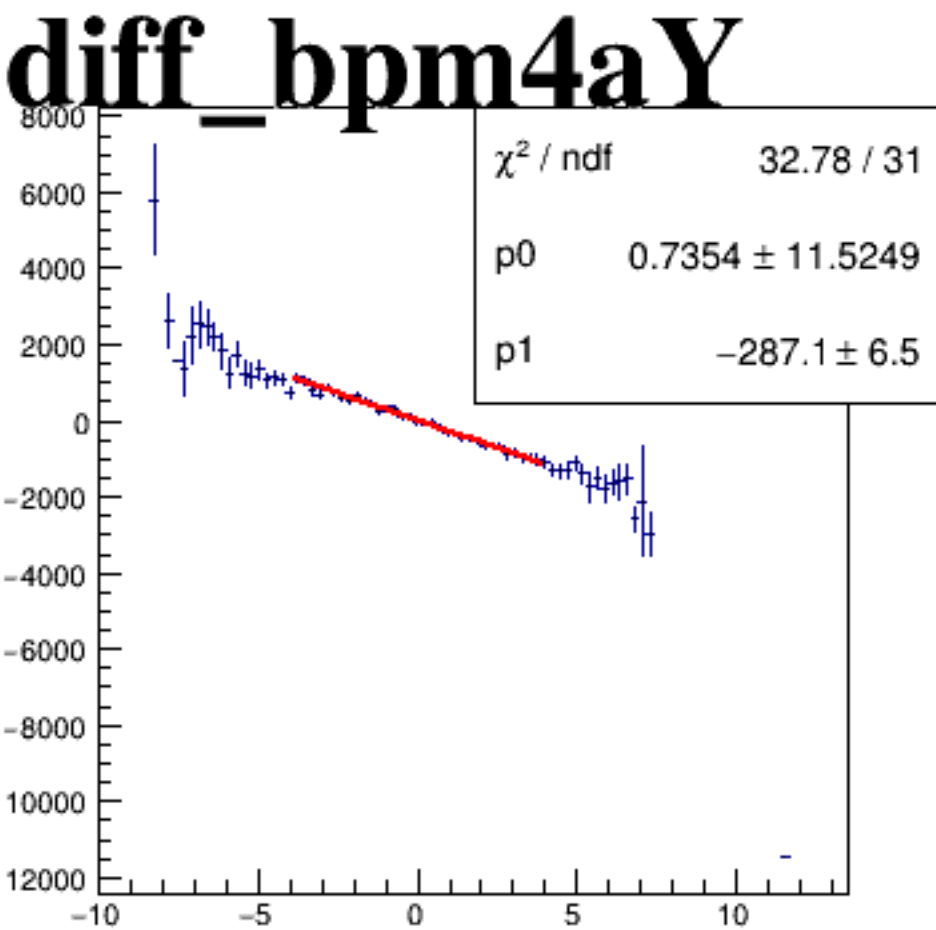
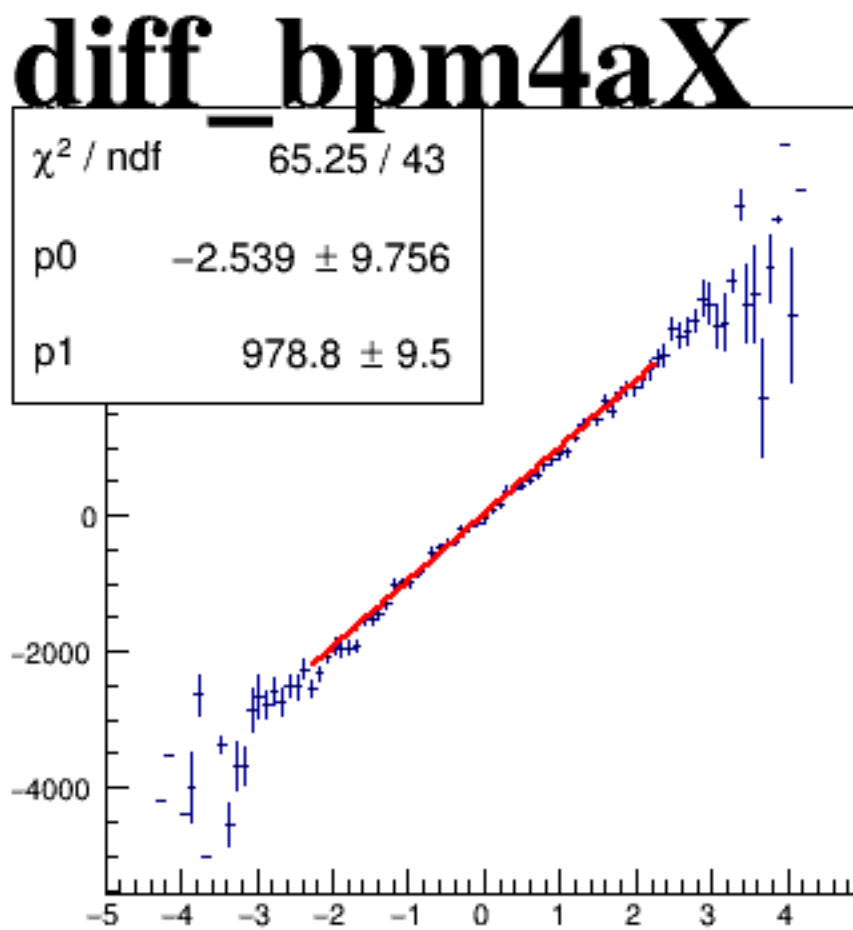
asym_sam2



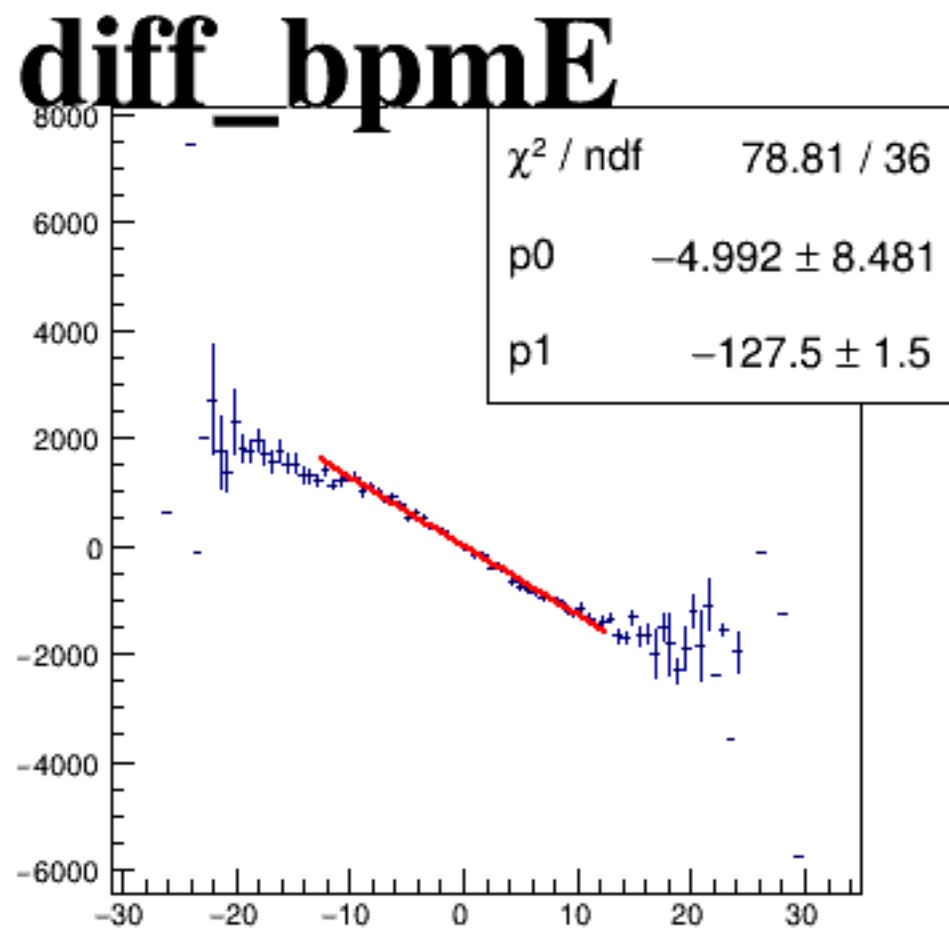
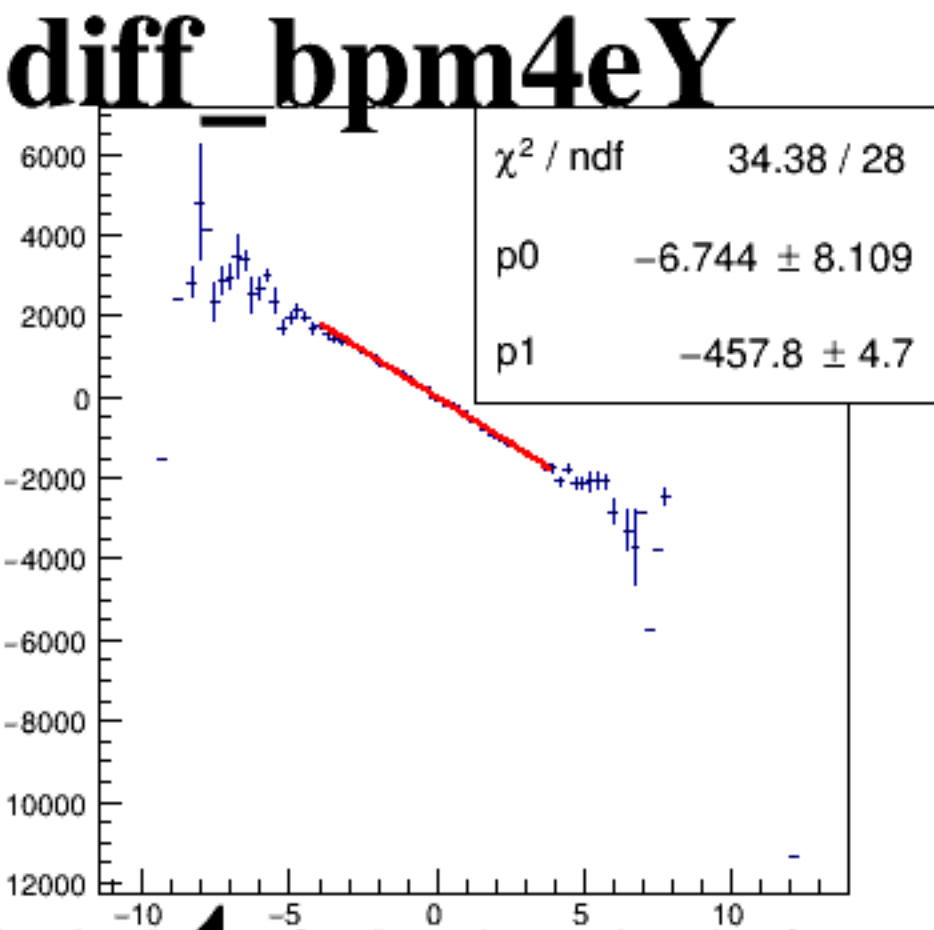
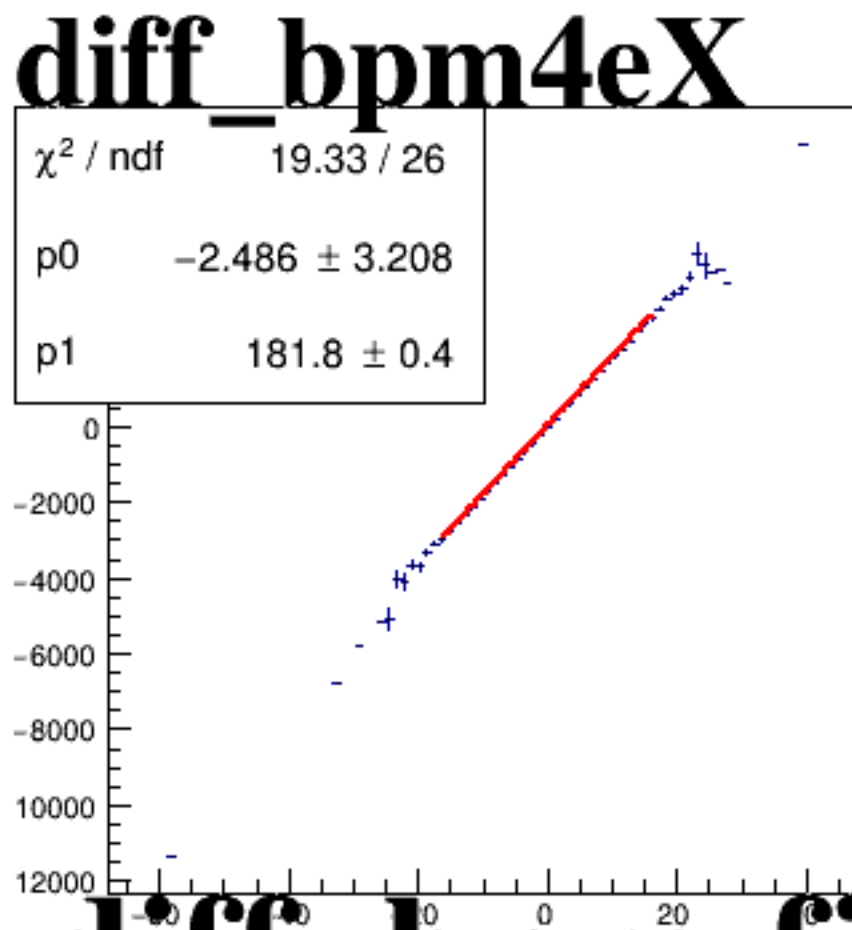
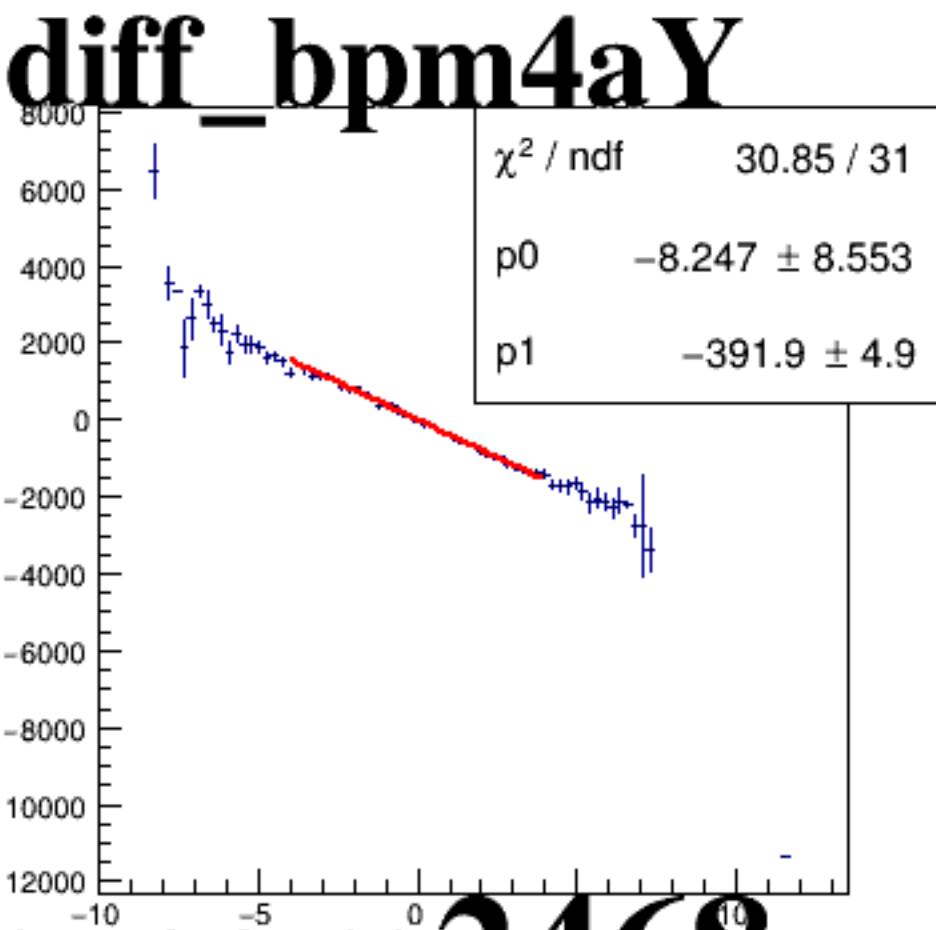
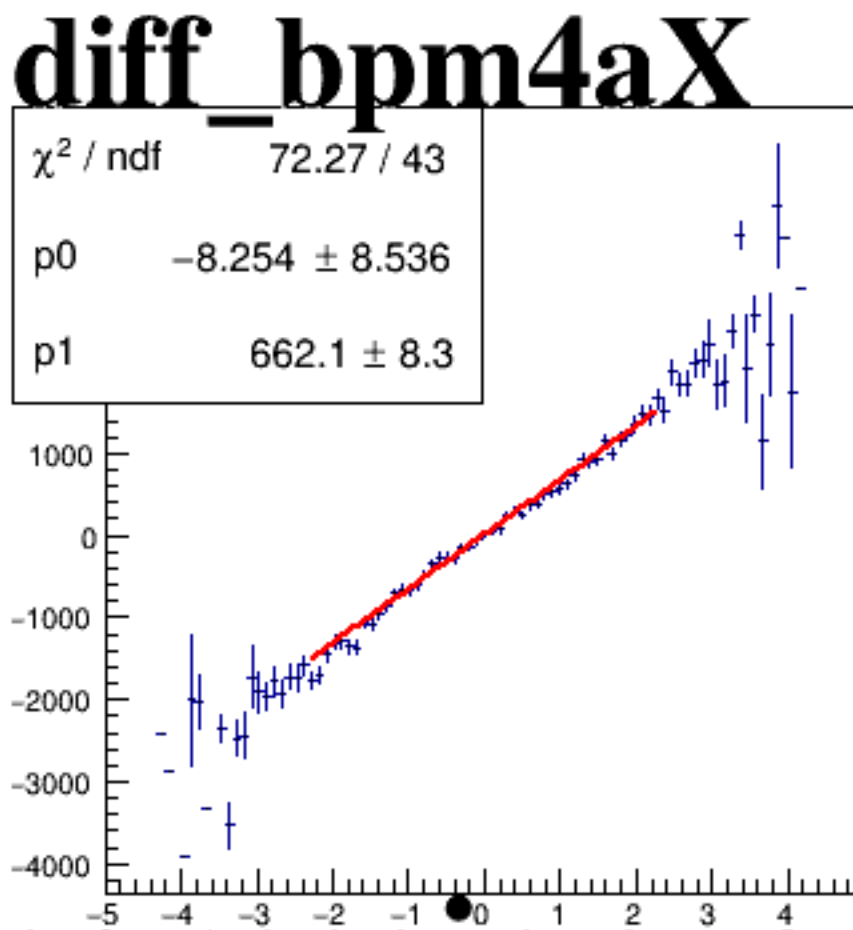
asym_sam4



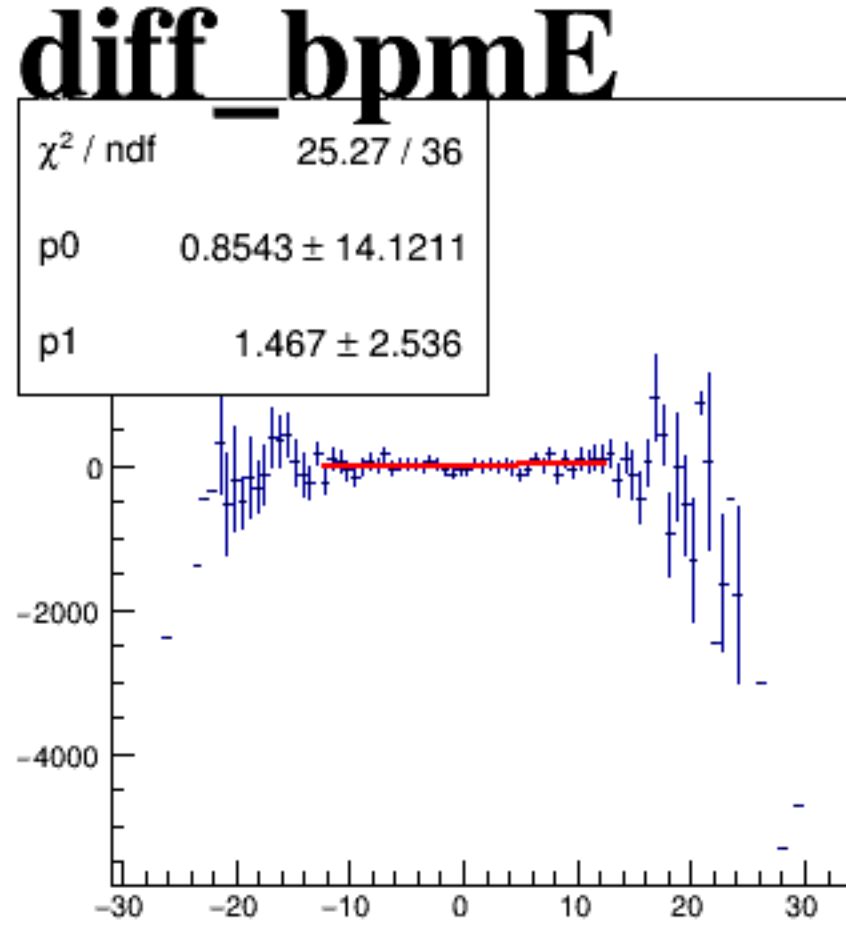
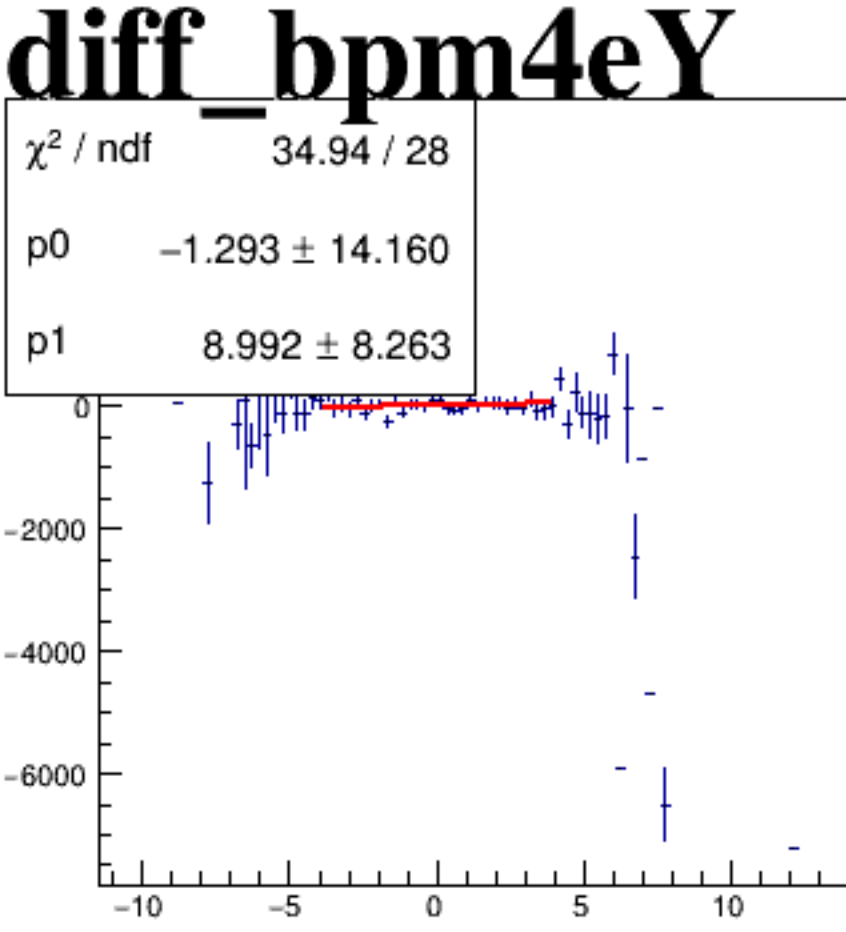
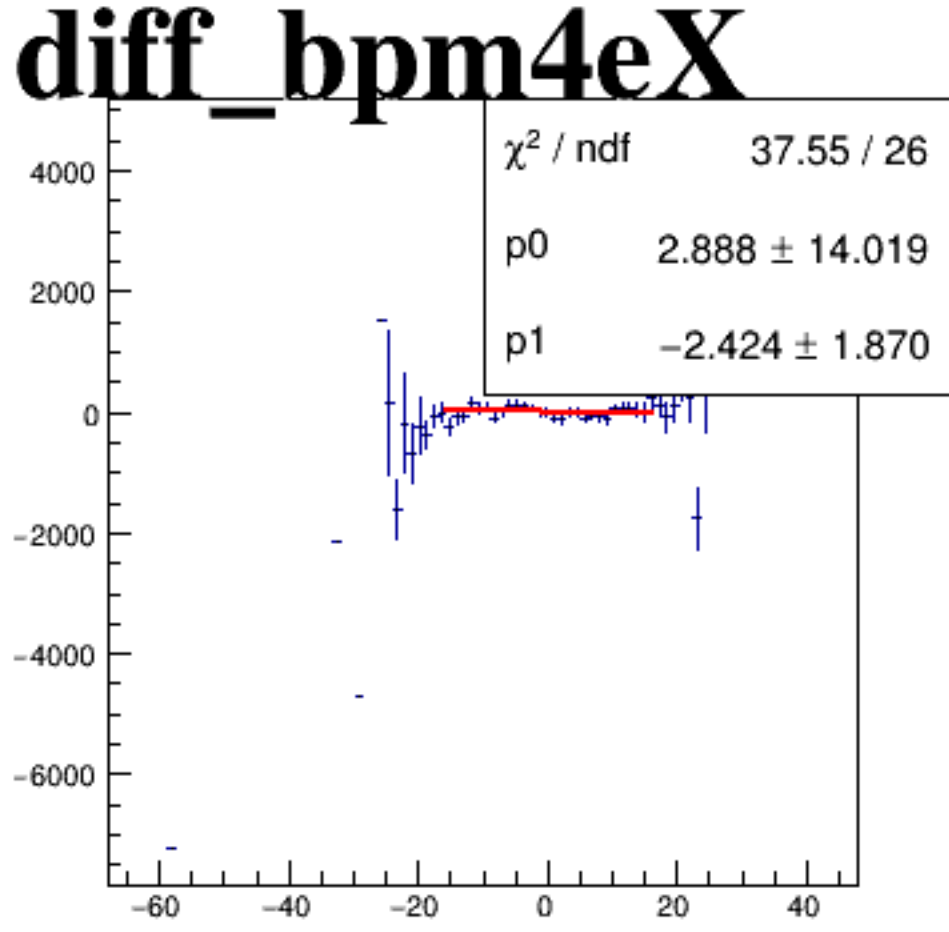
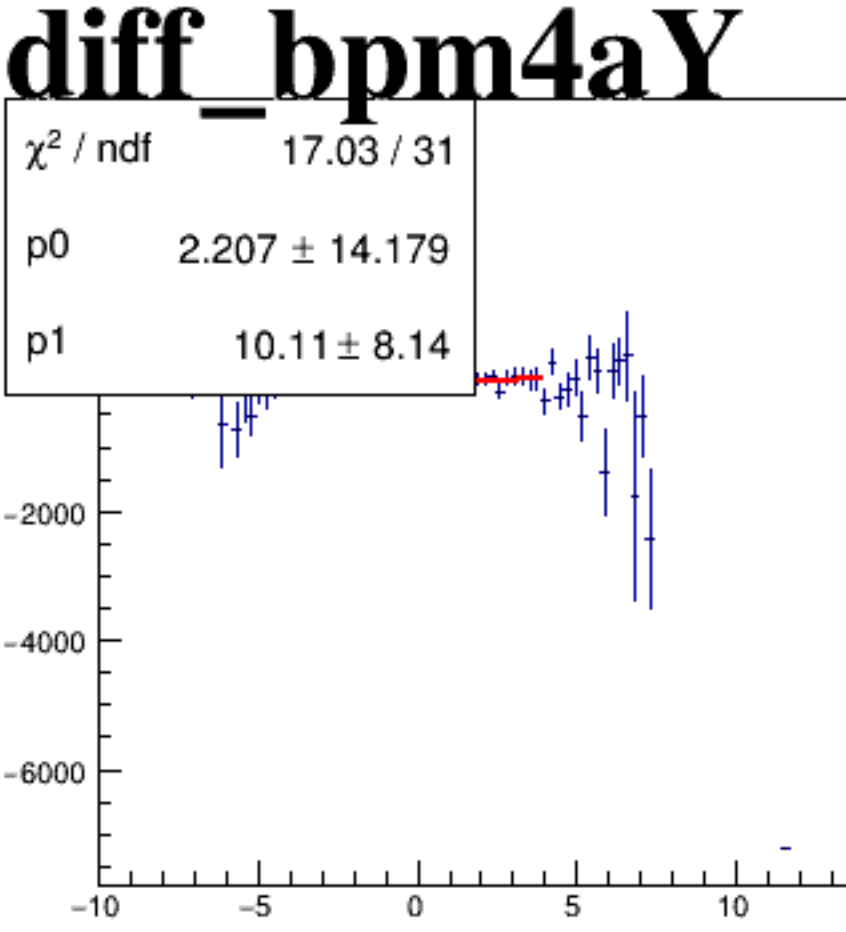
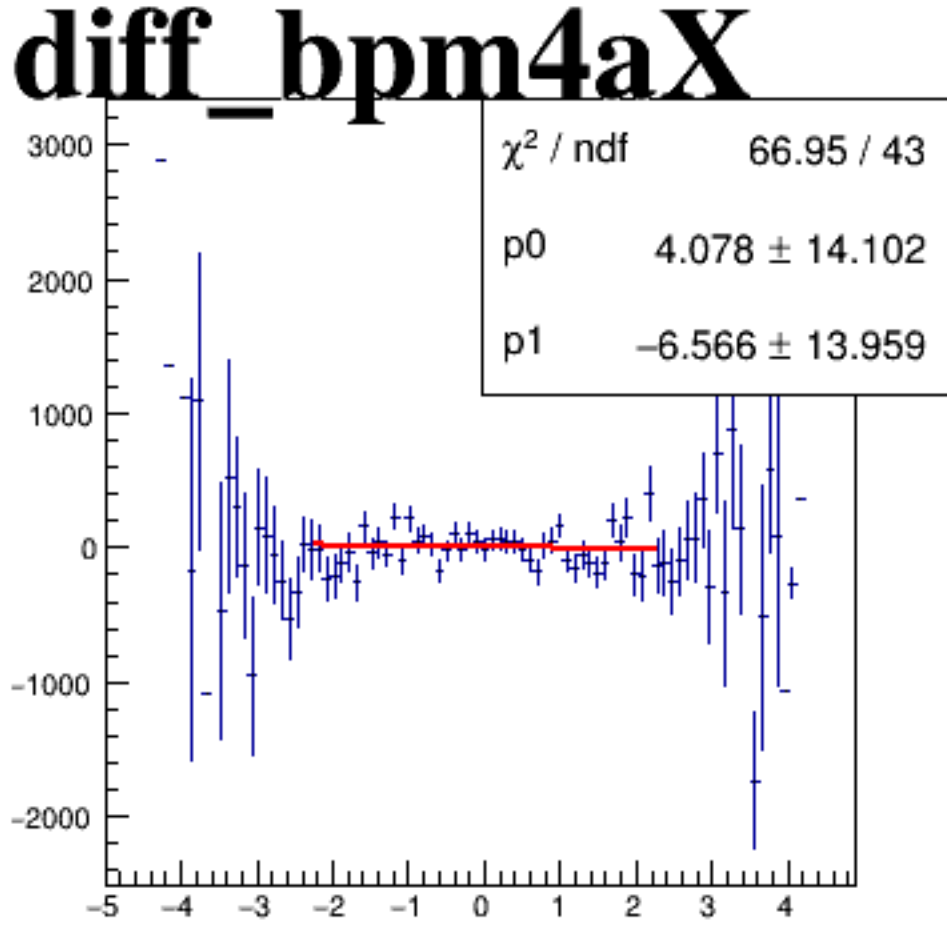
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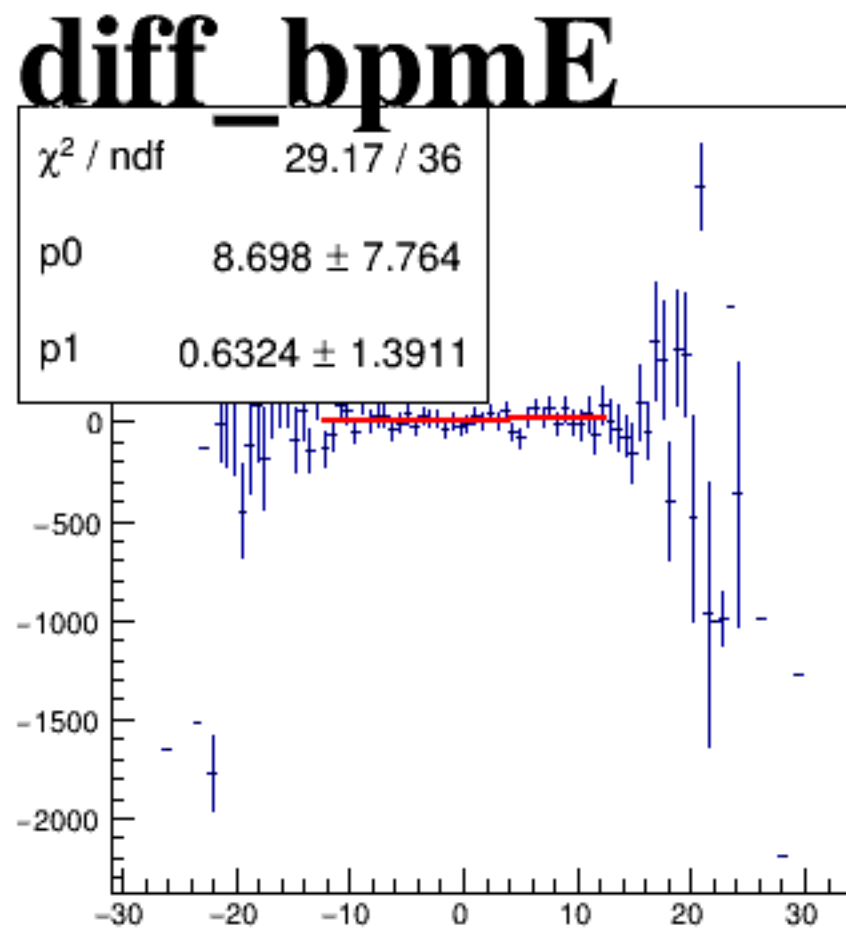
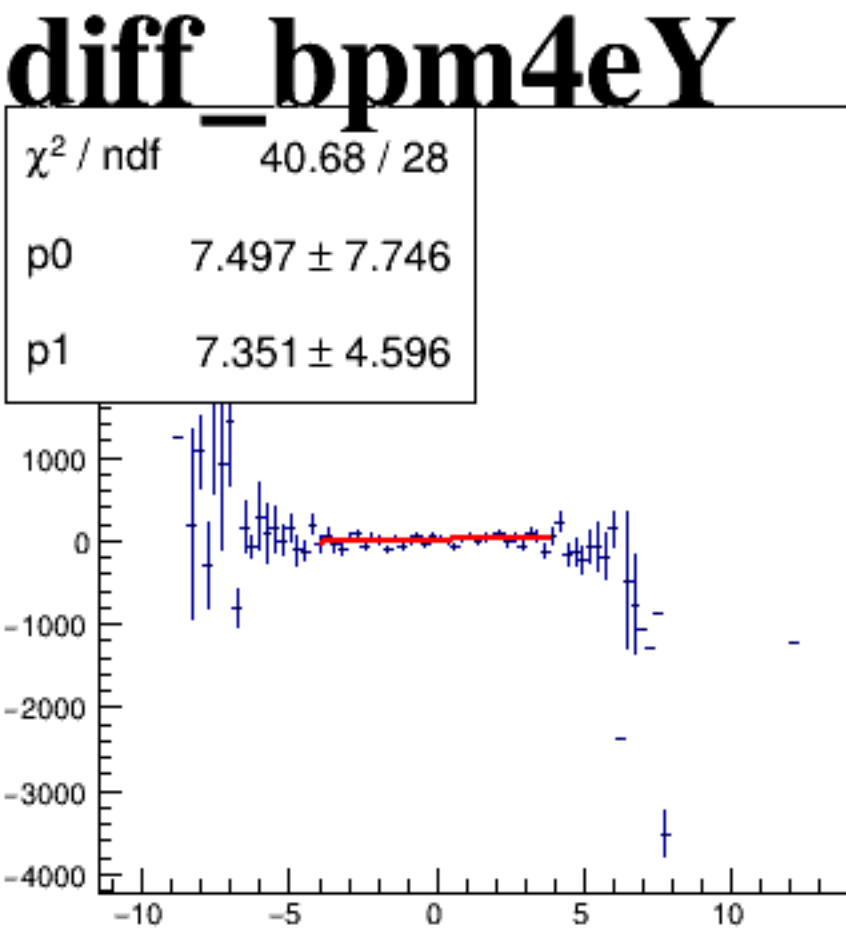
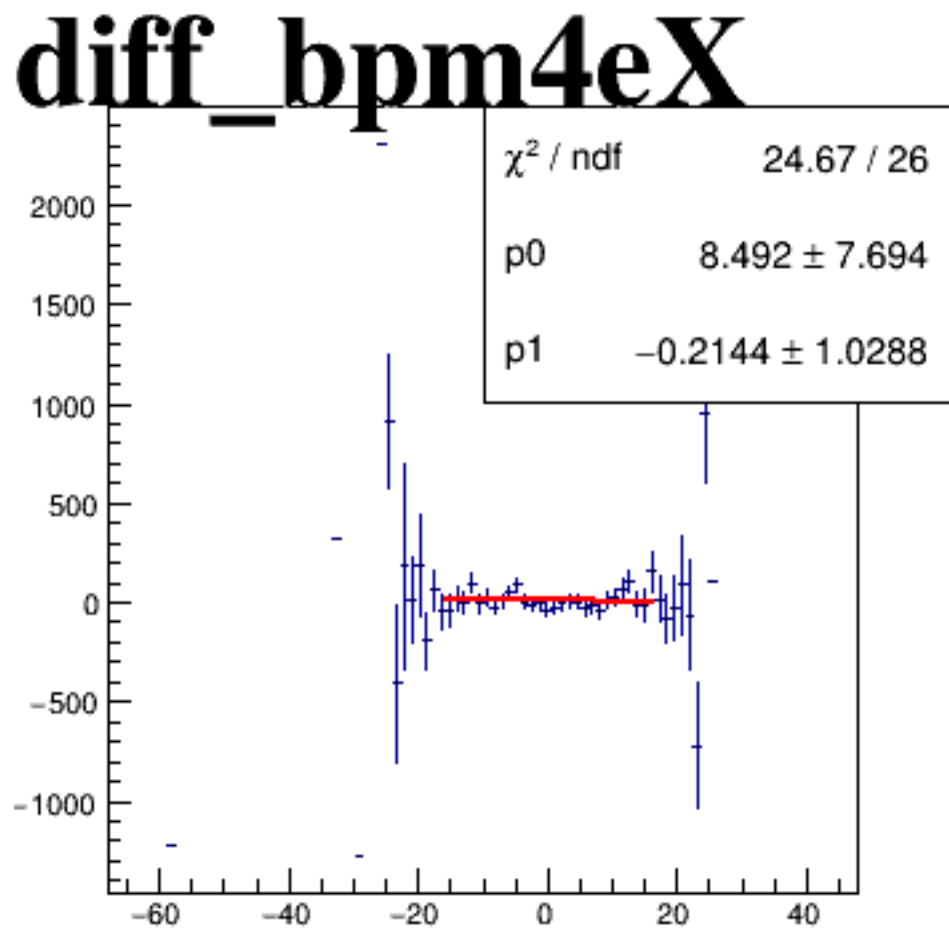
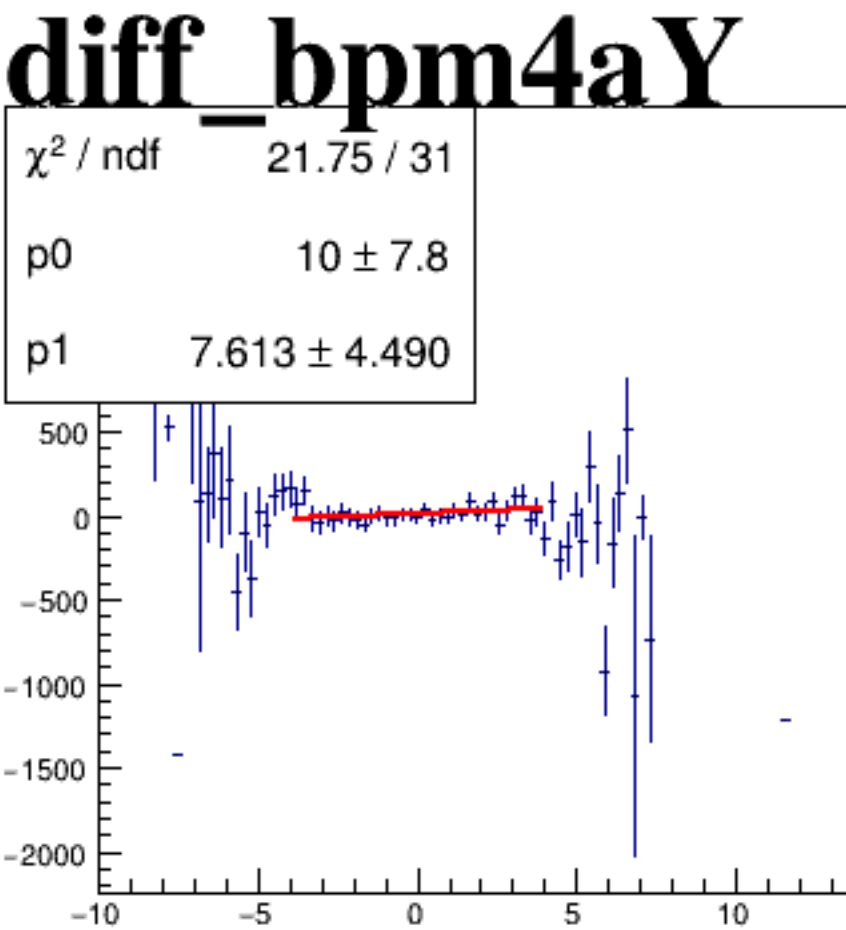
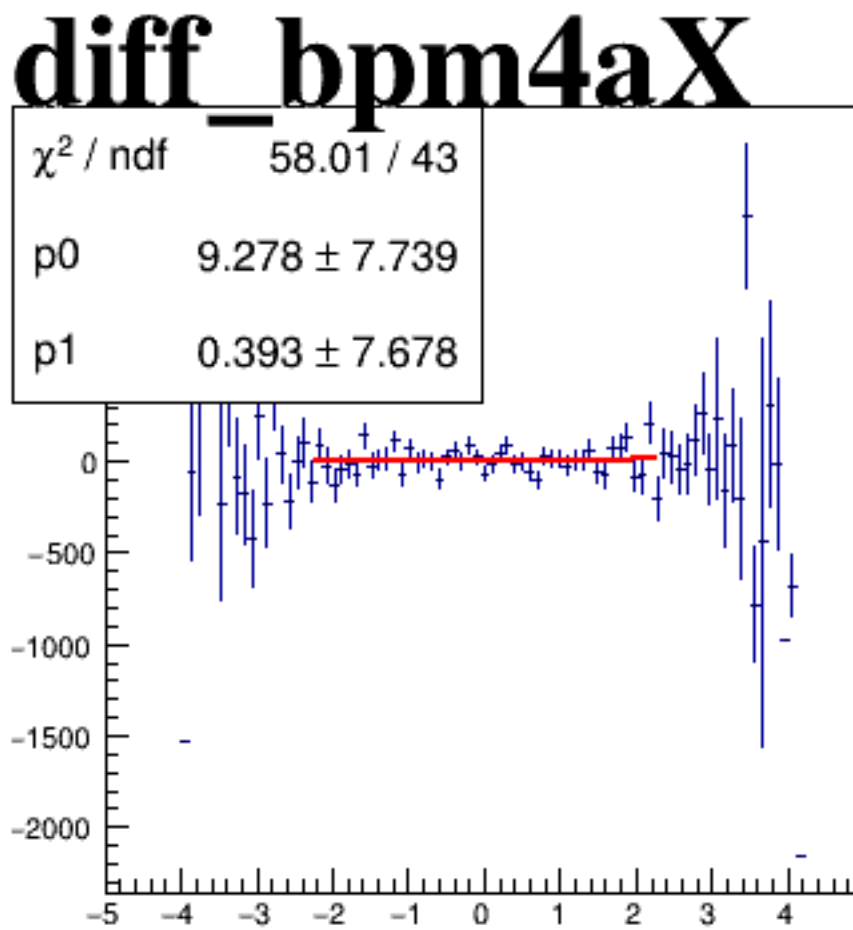
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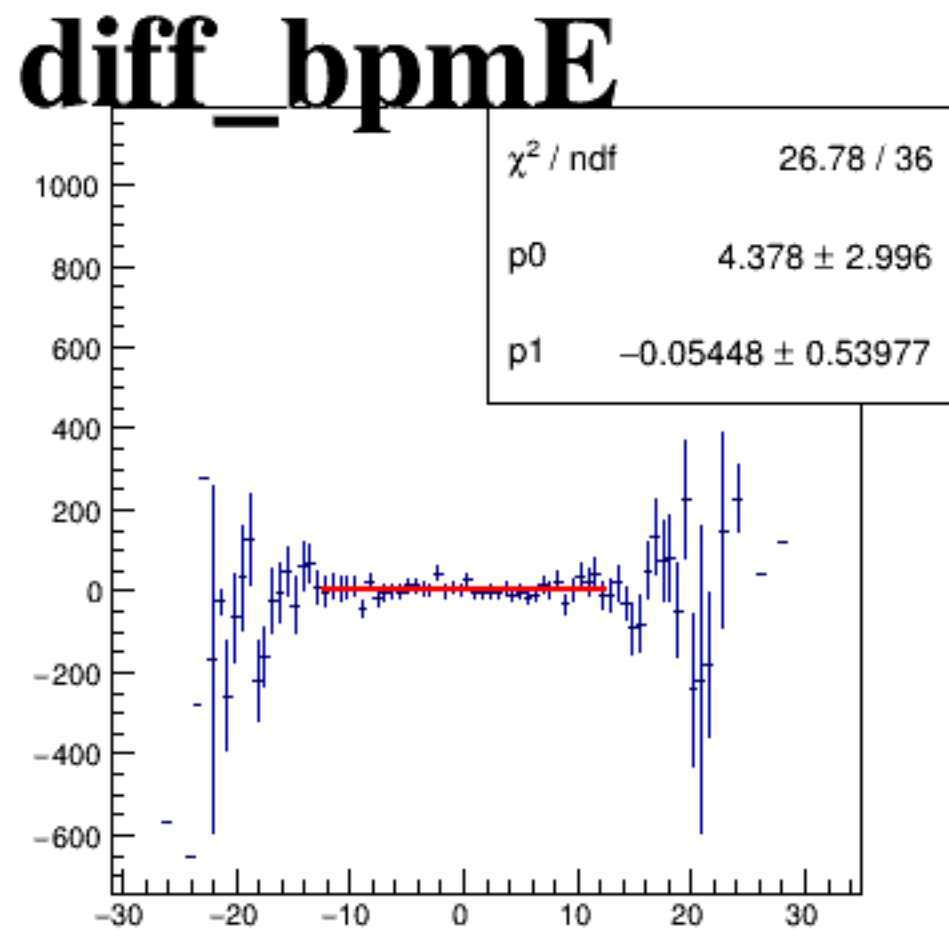
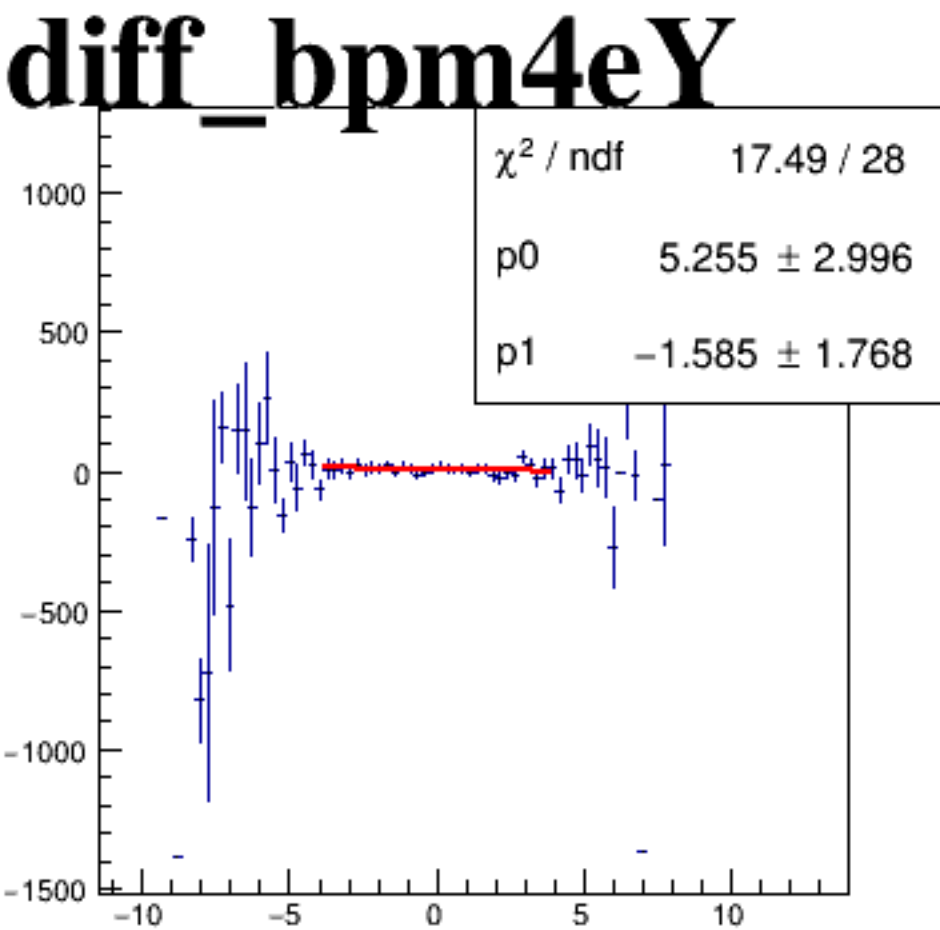
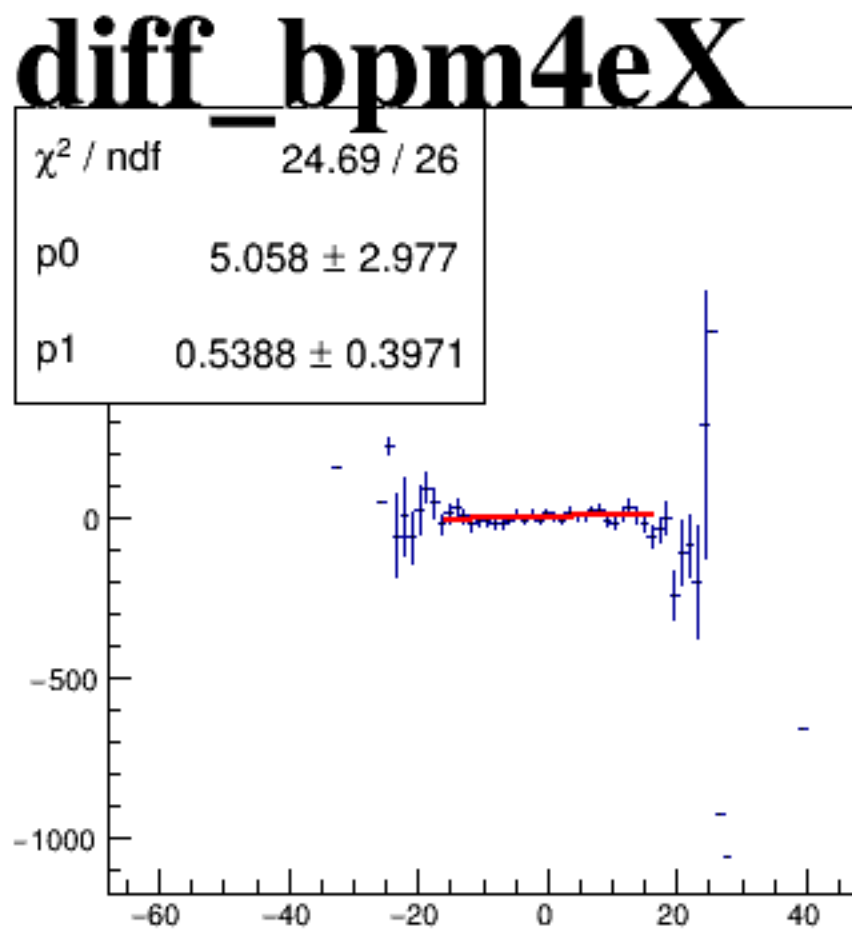
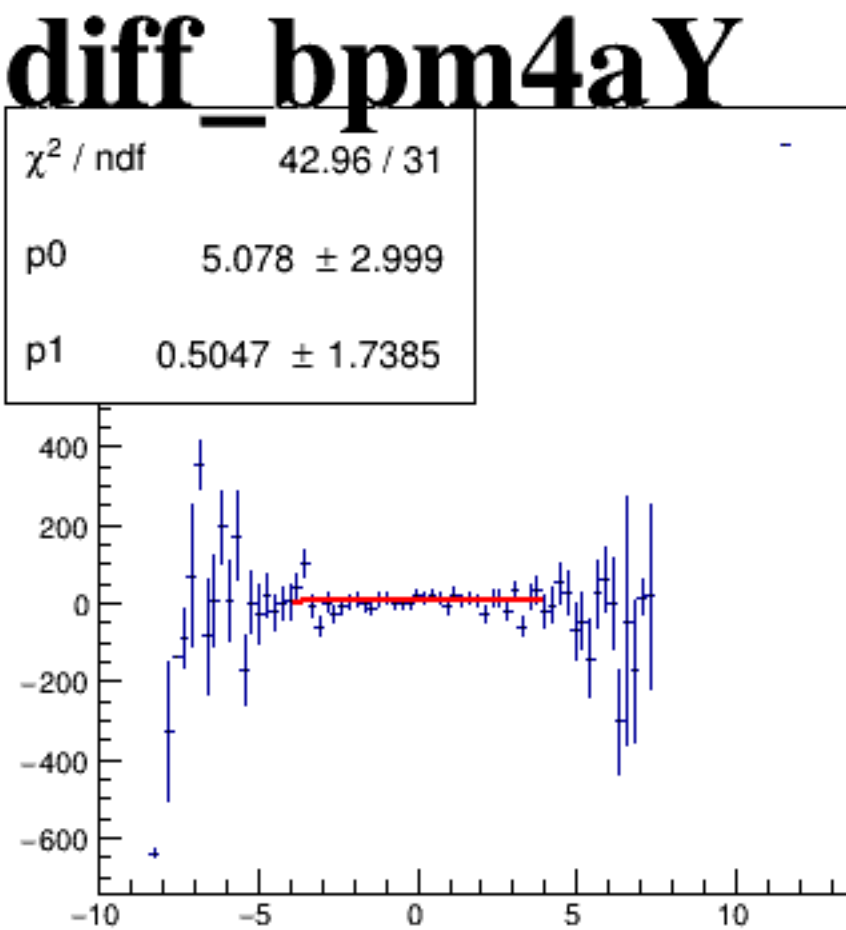
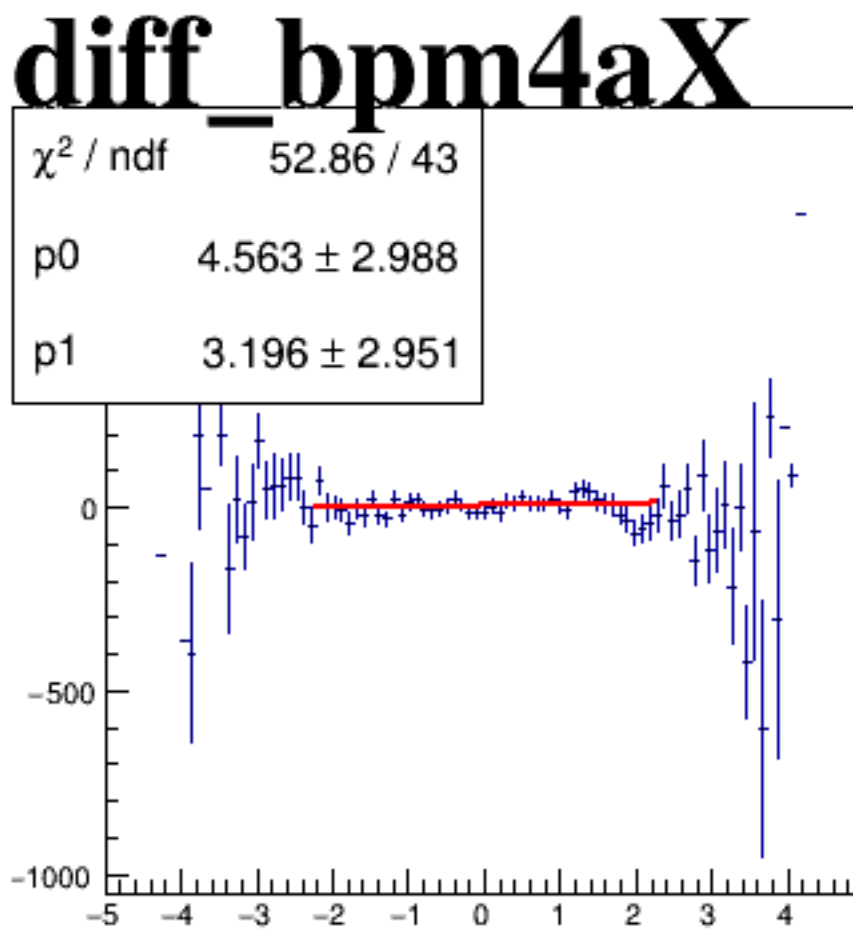
reg_asym_sam2



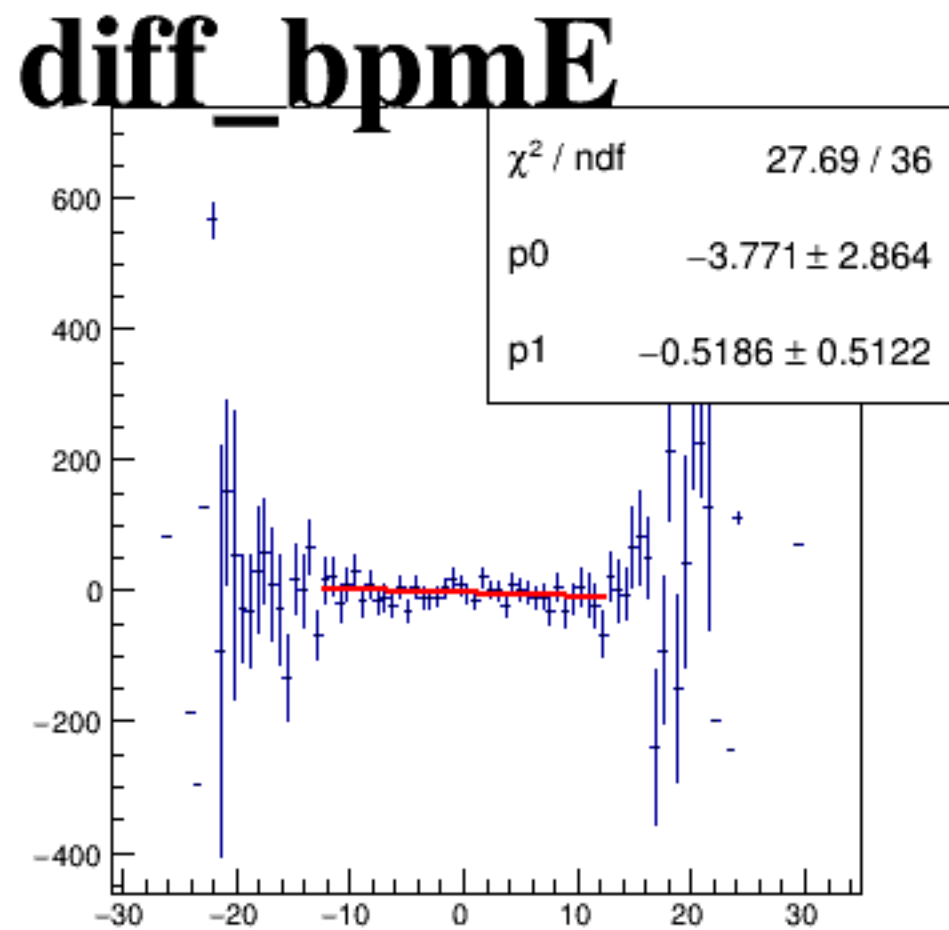
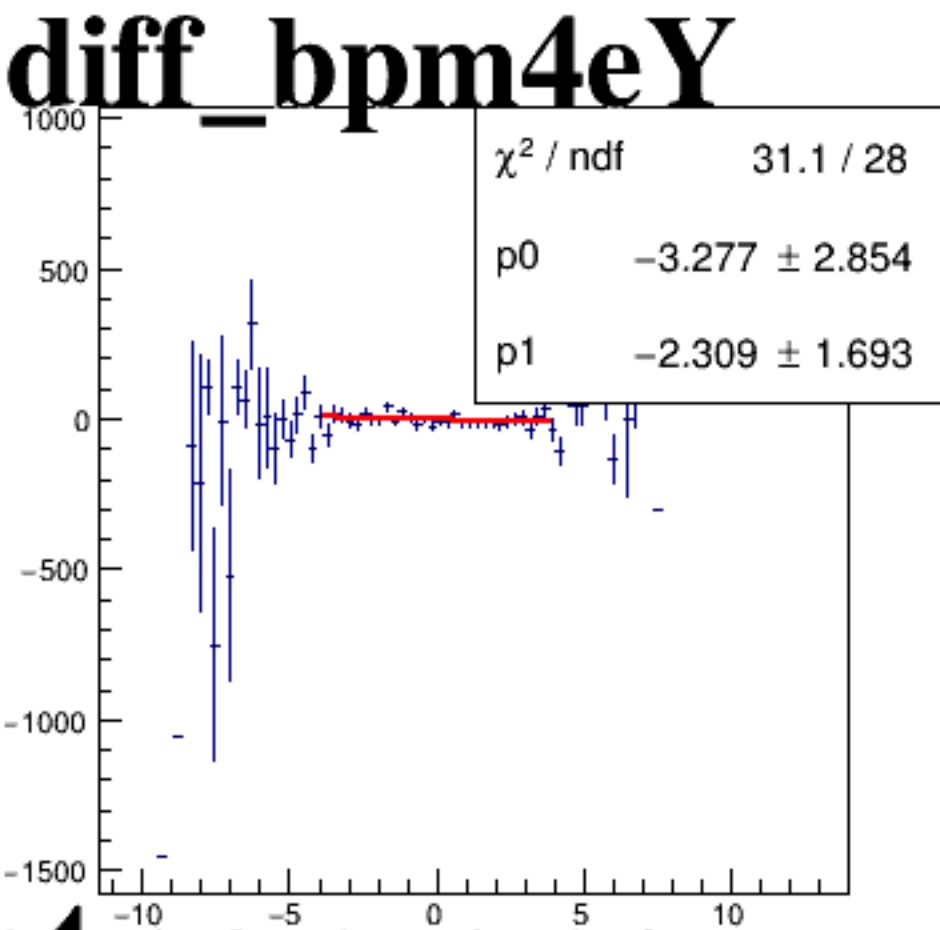
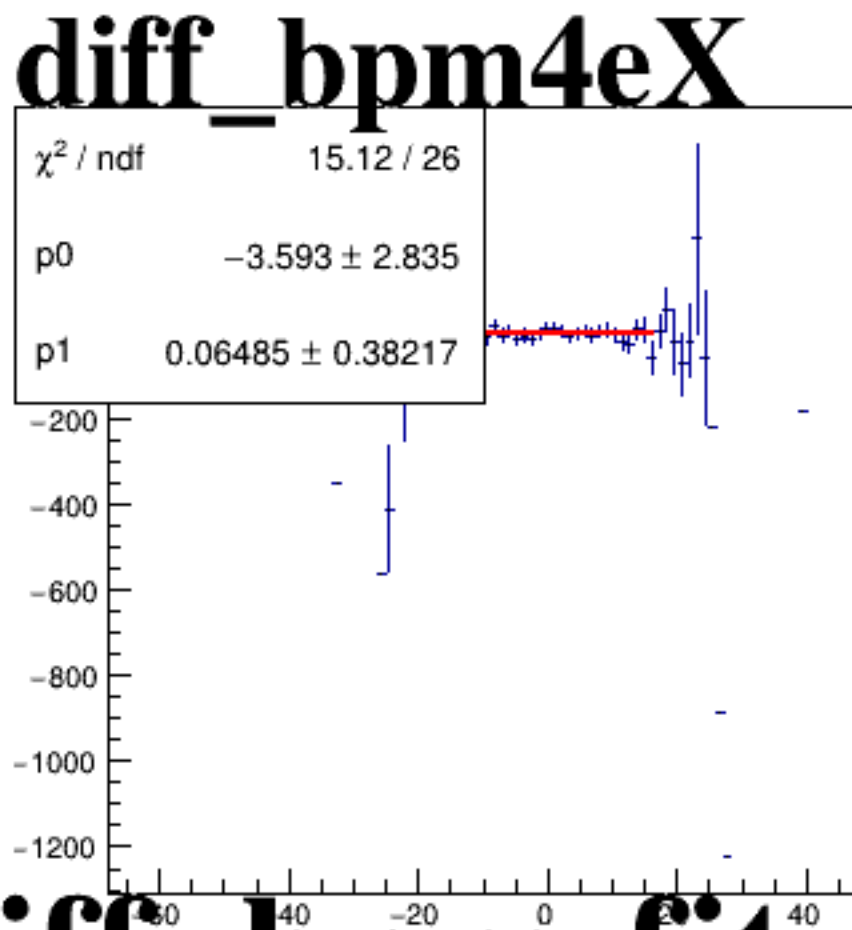
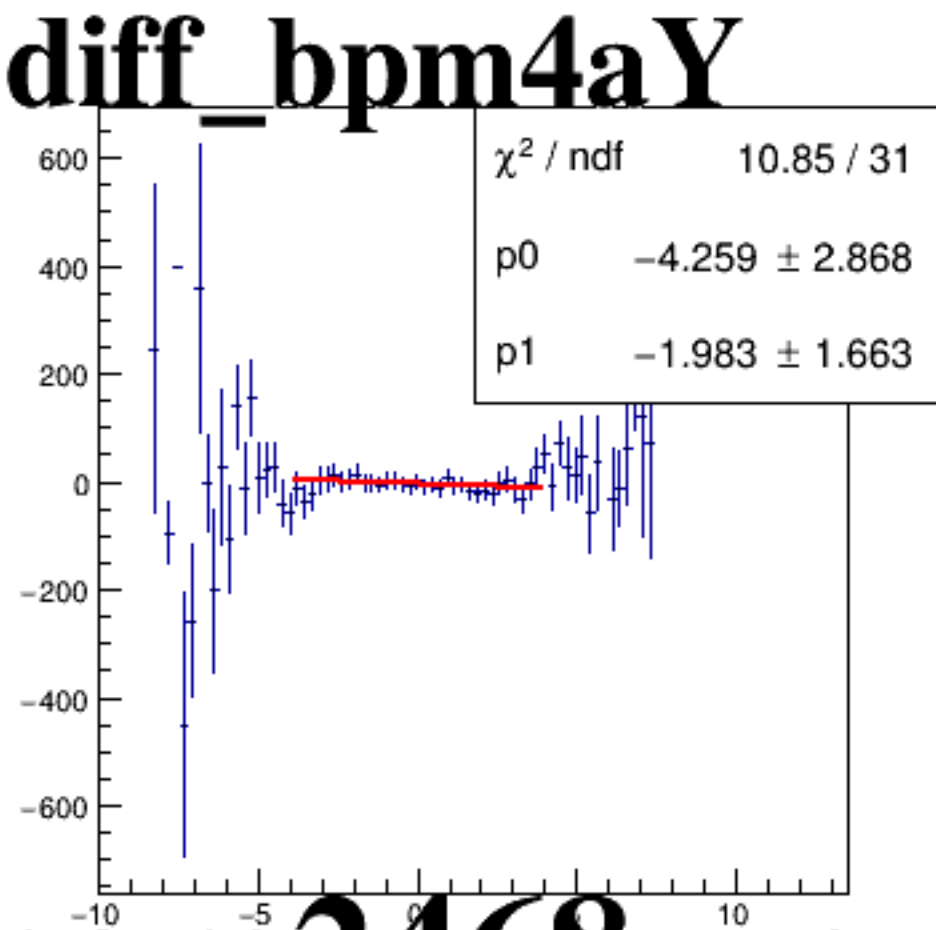
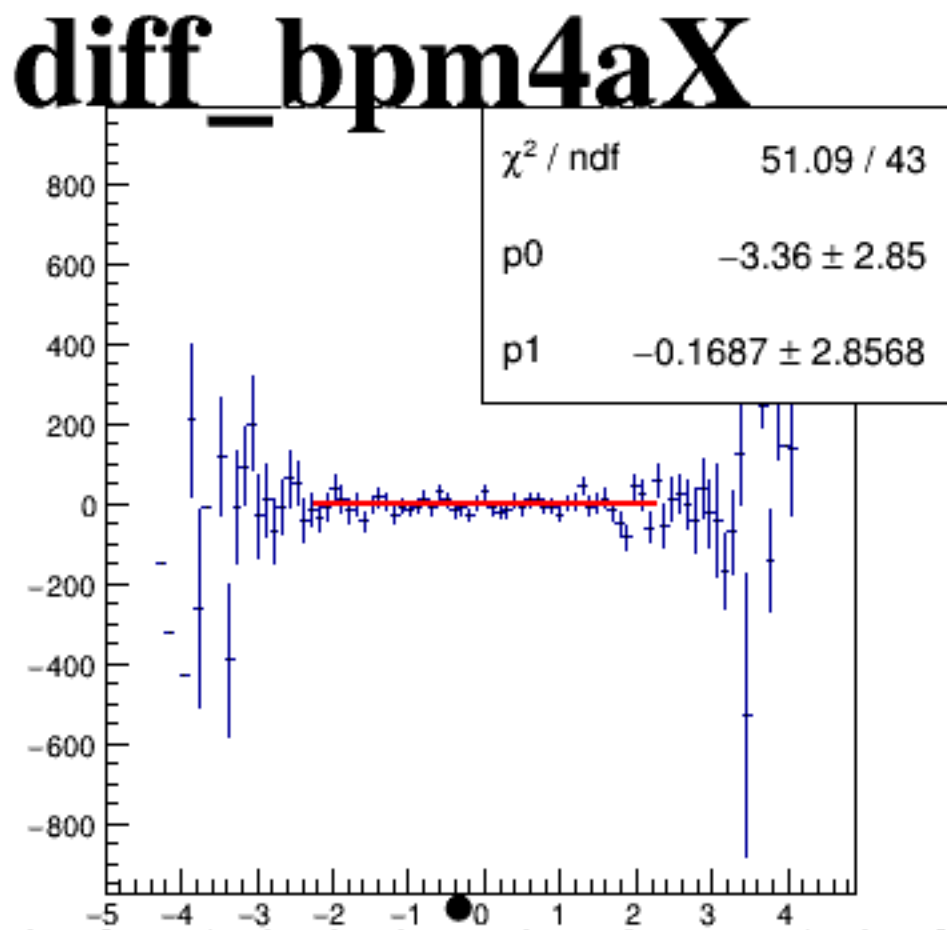
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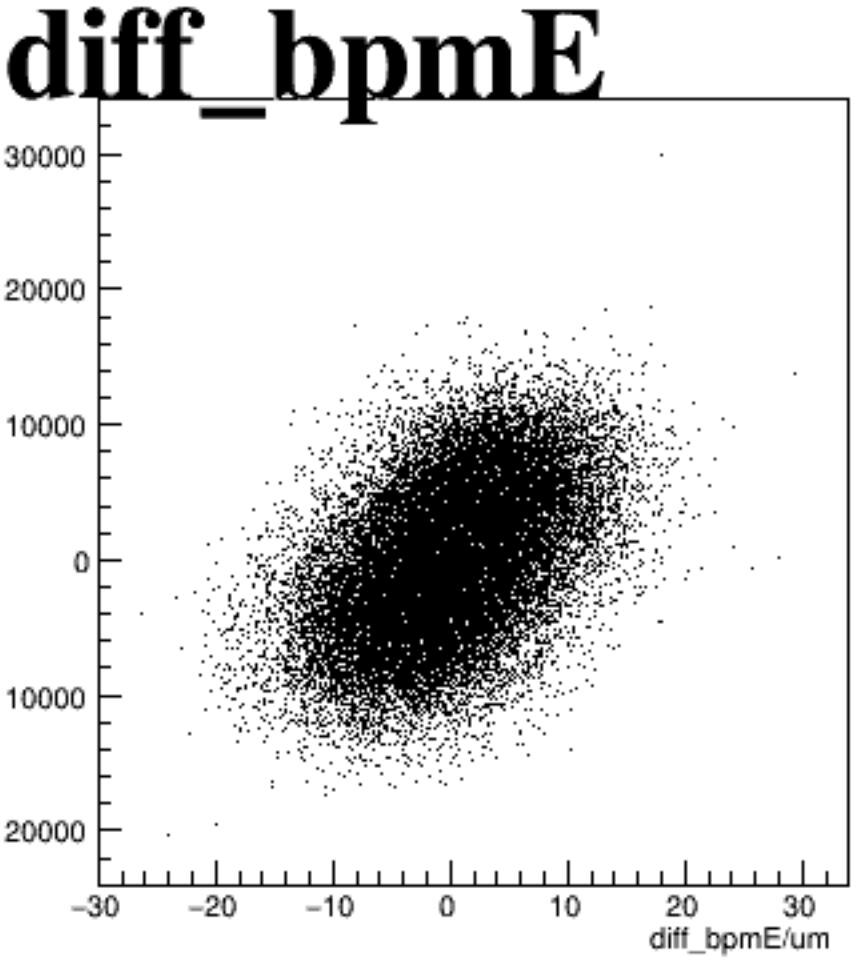
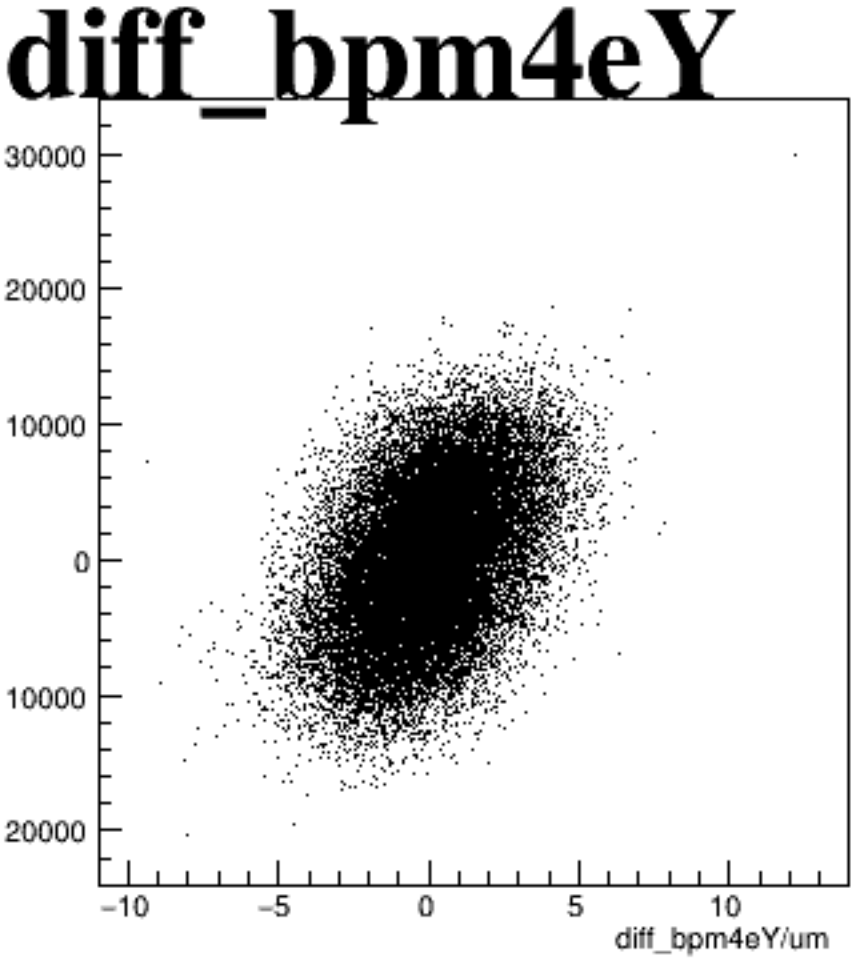
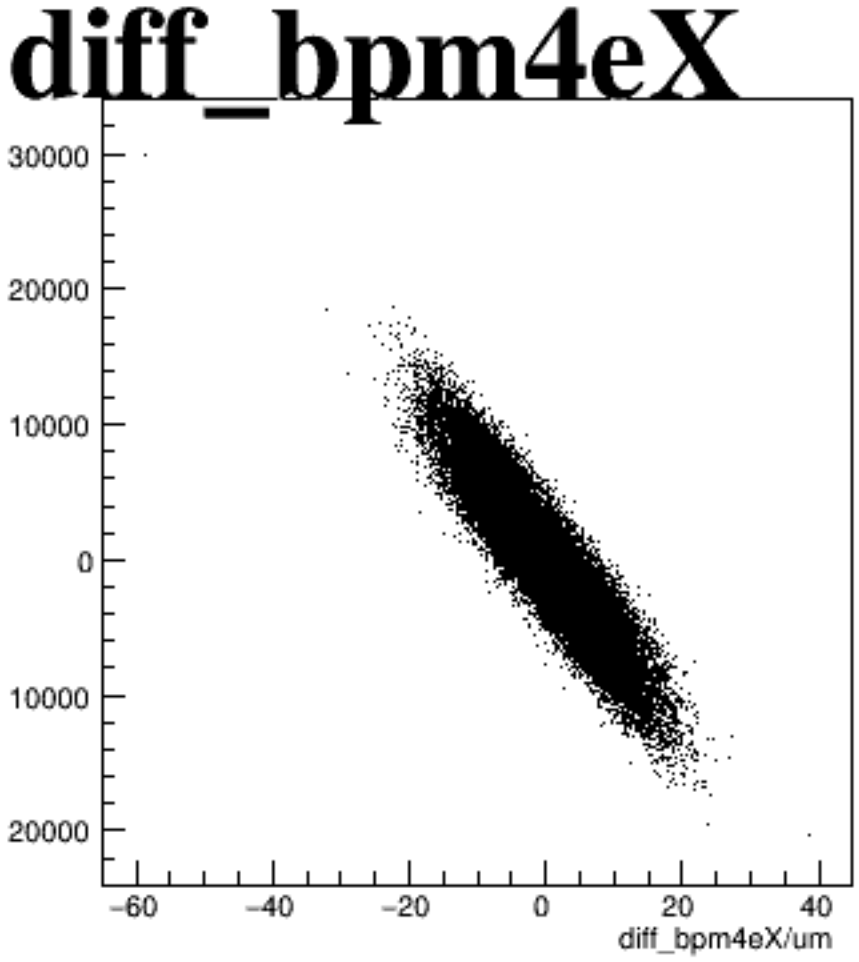
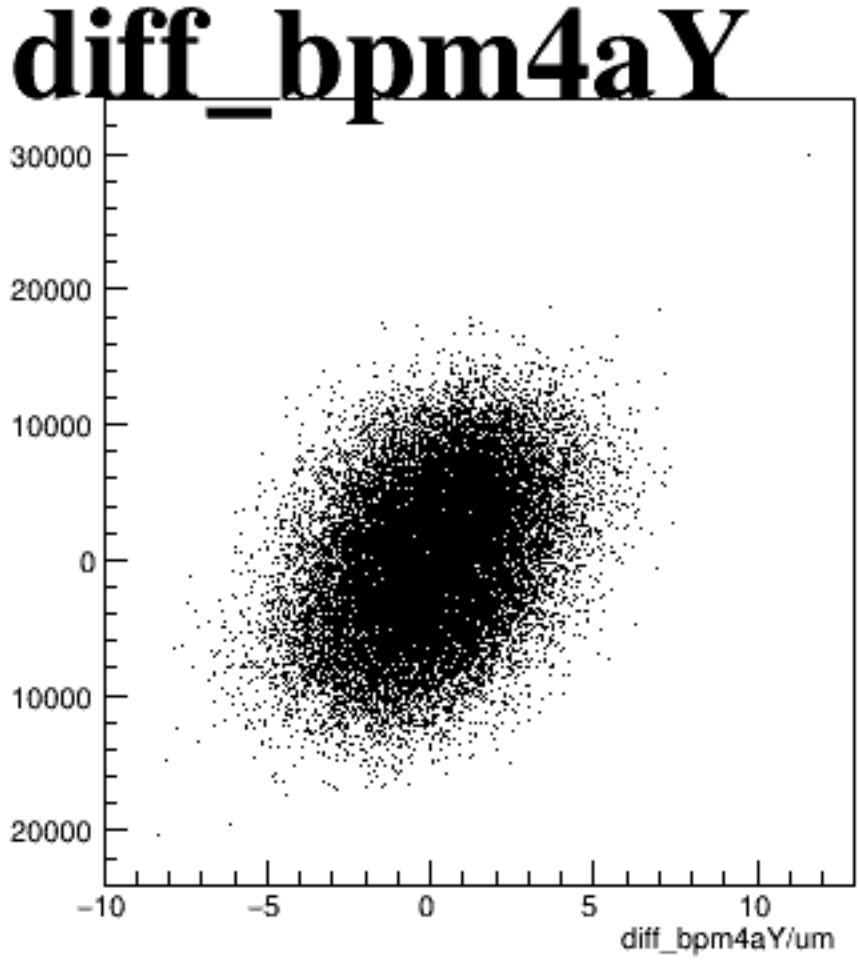
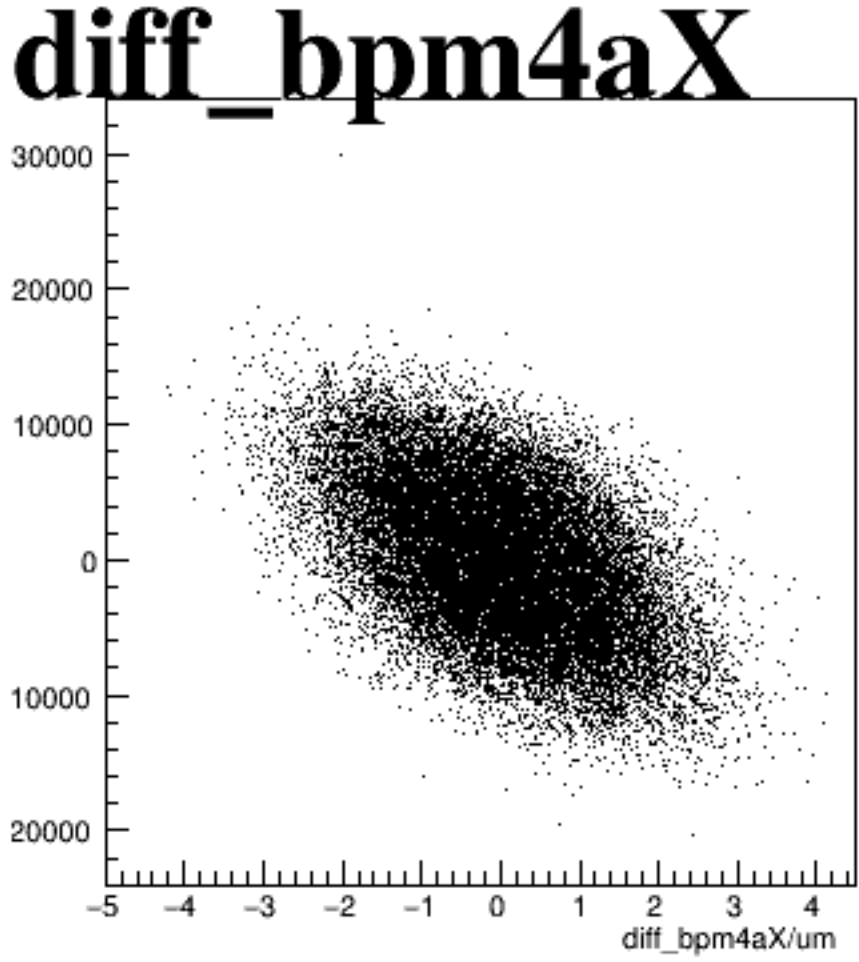
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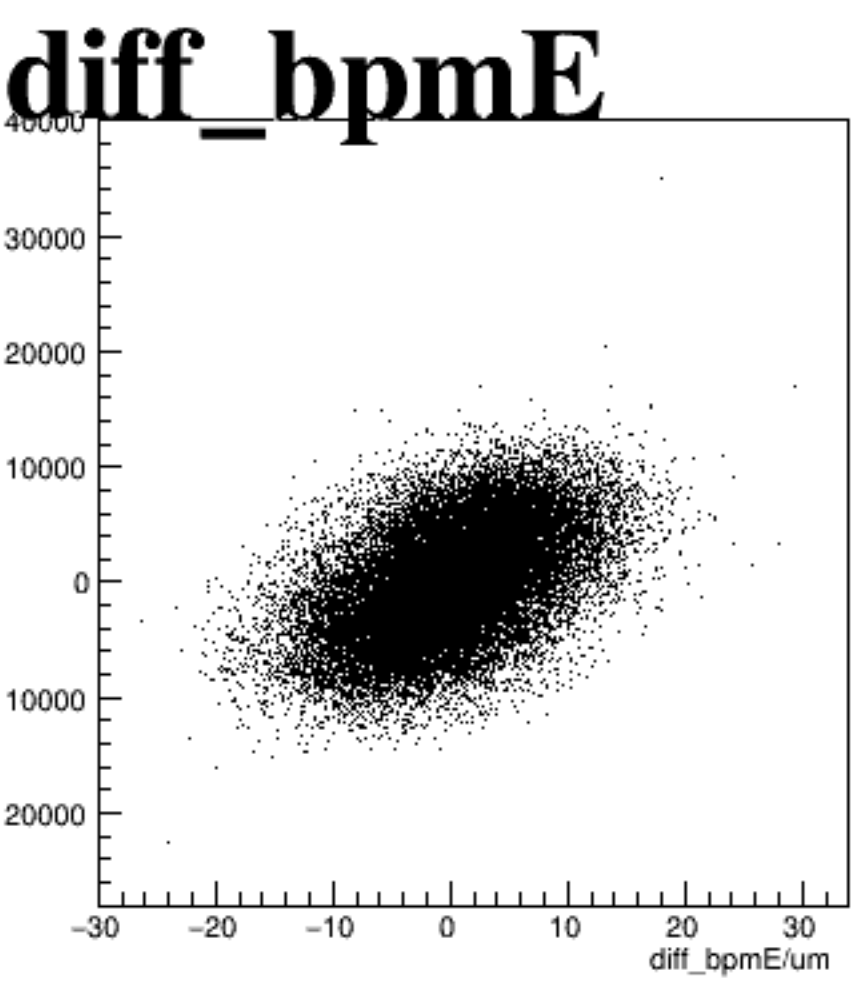
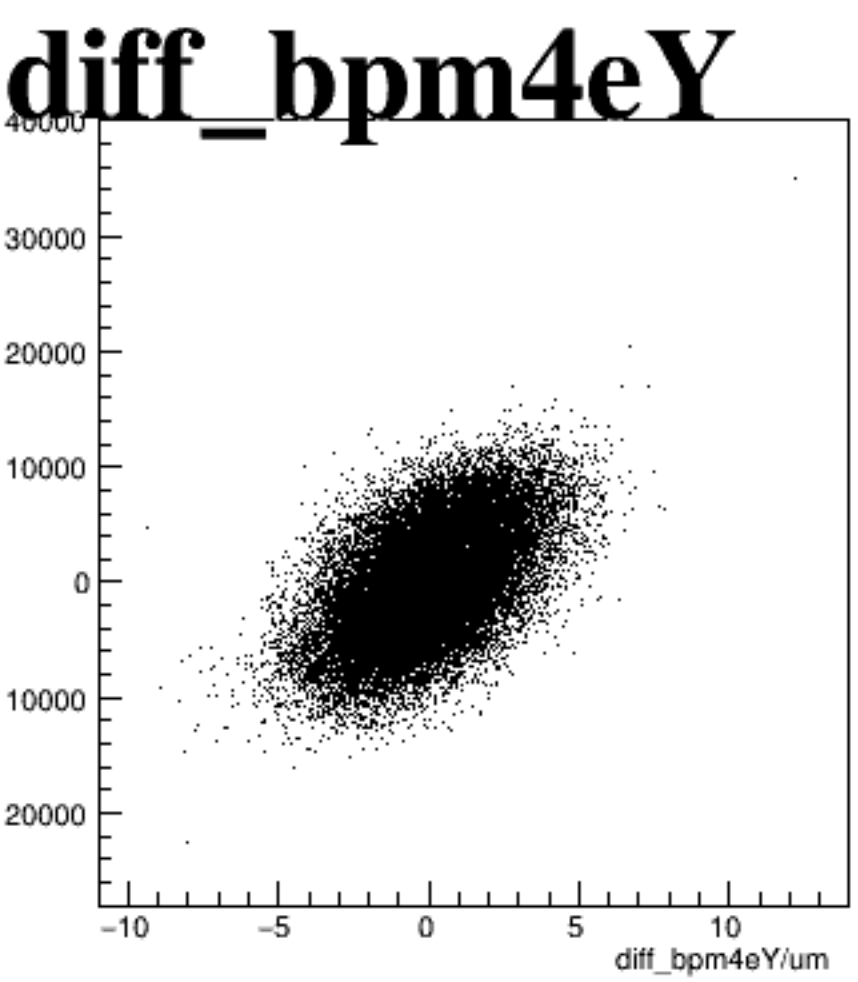
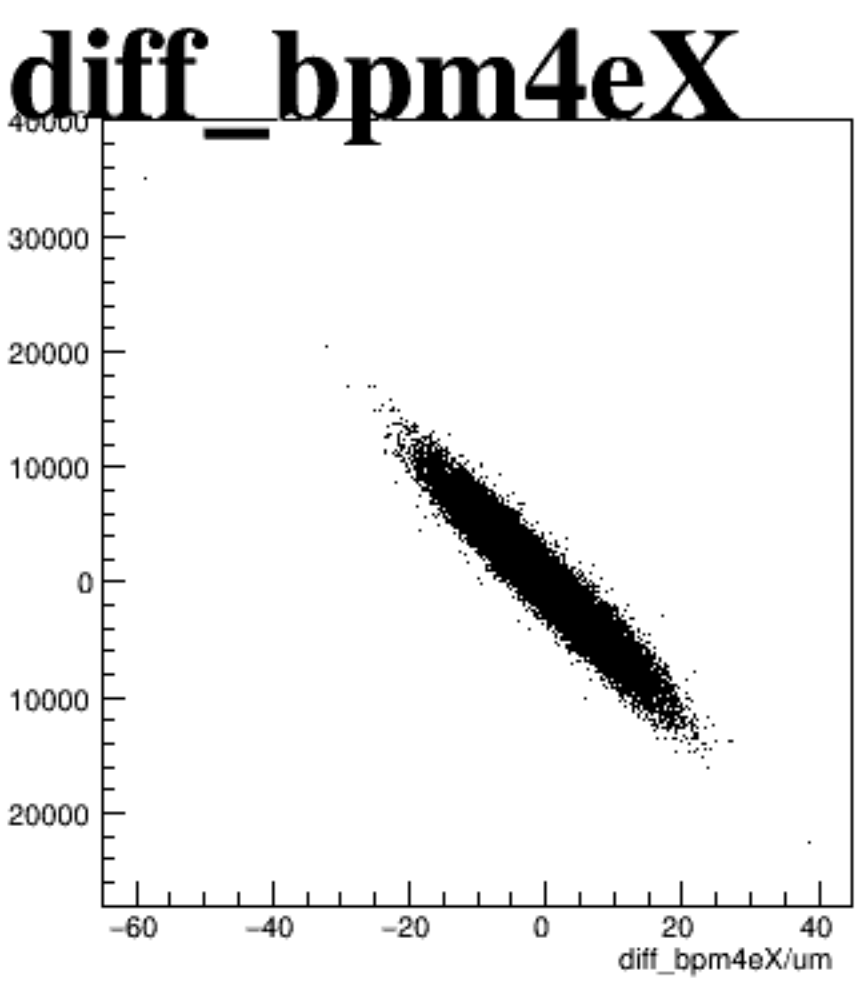
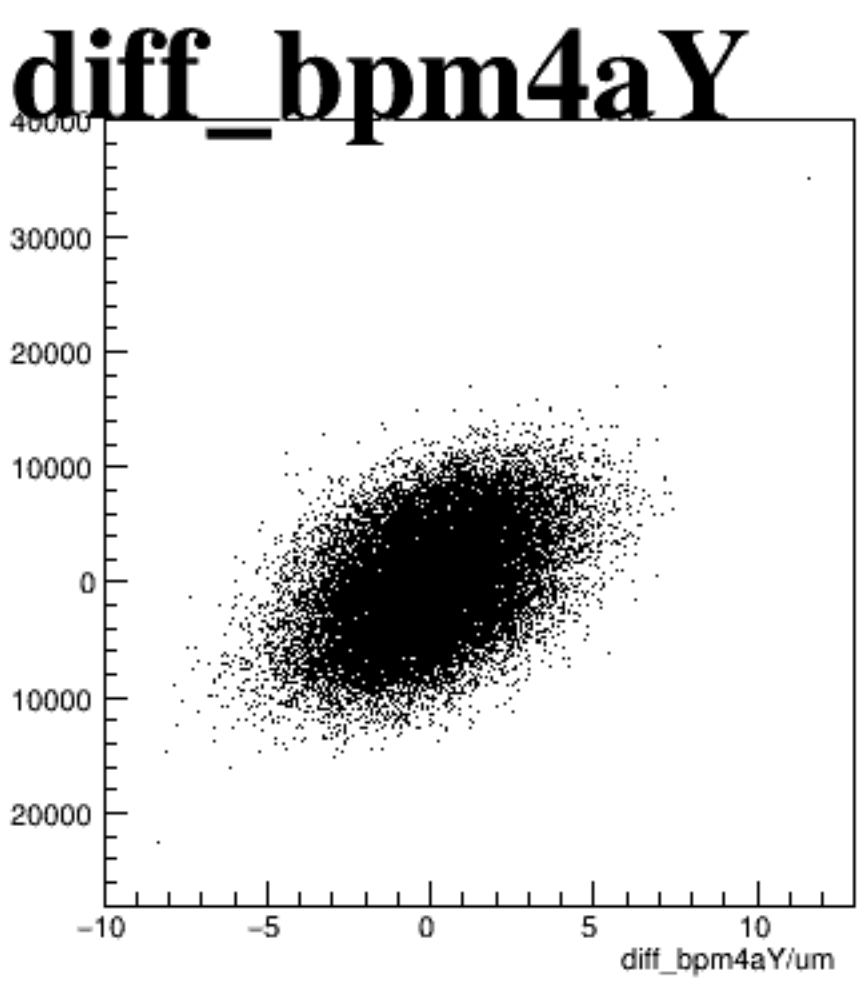
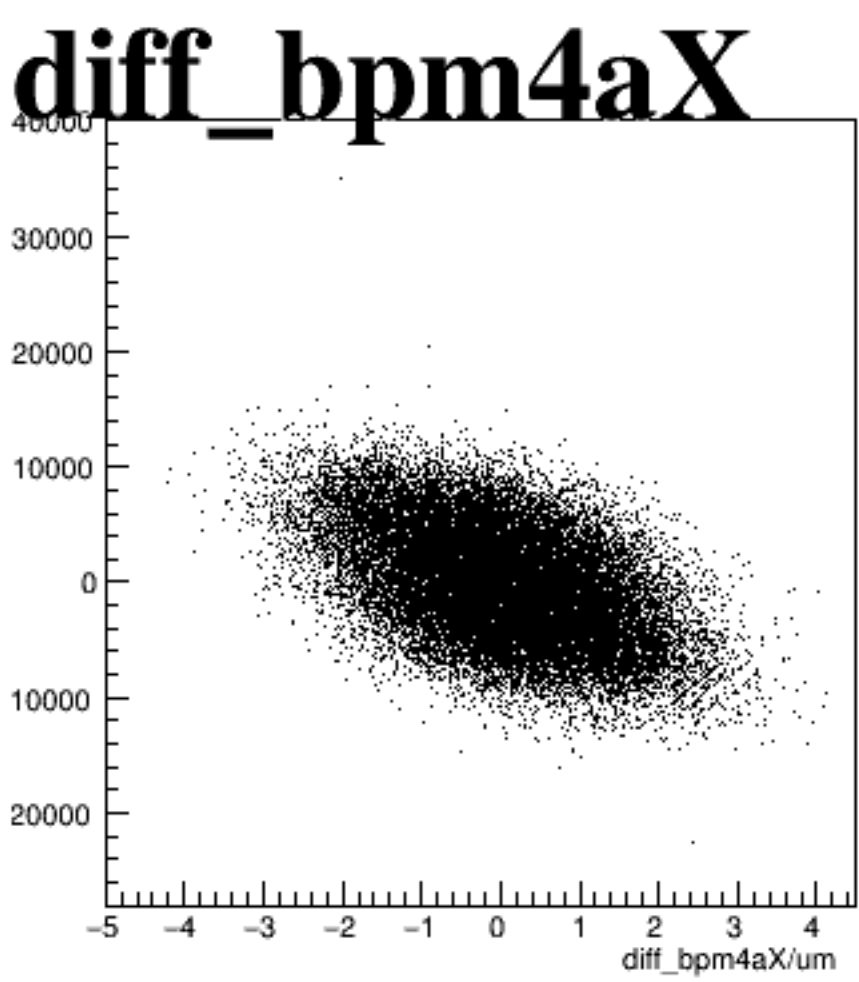
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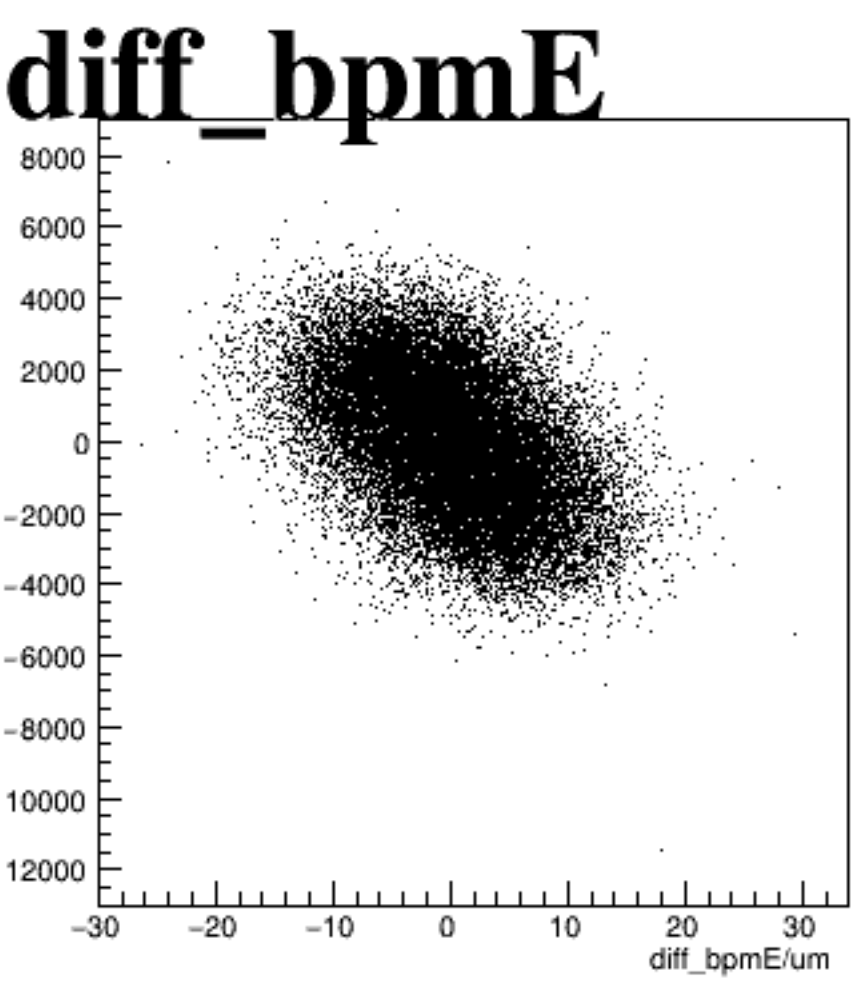
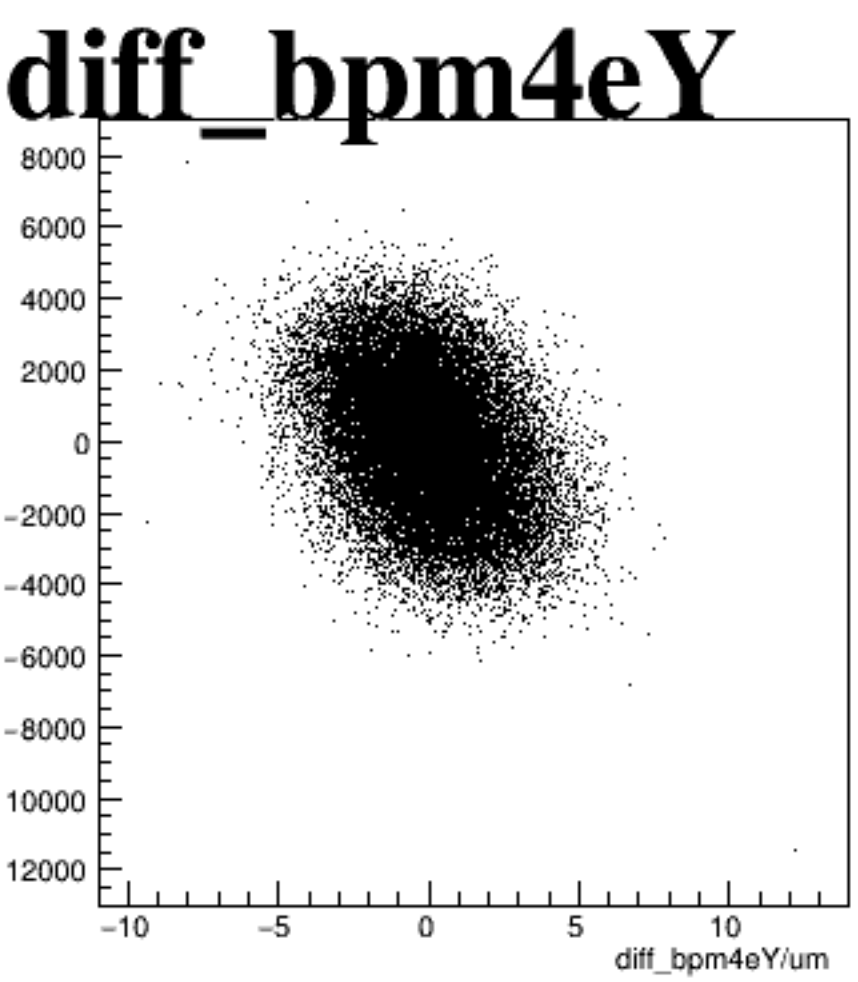
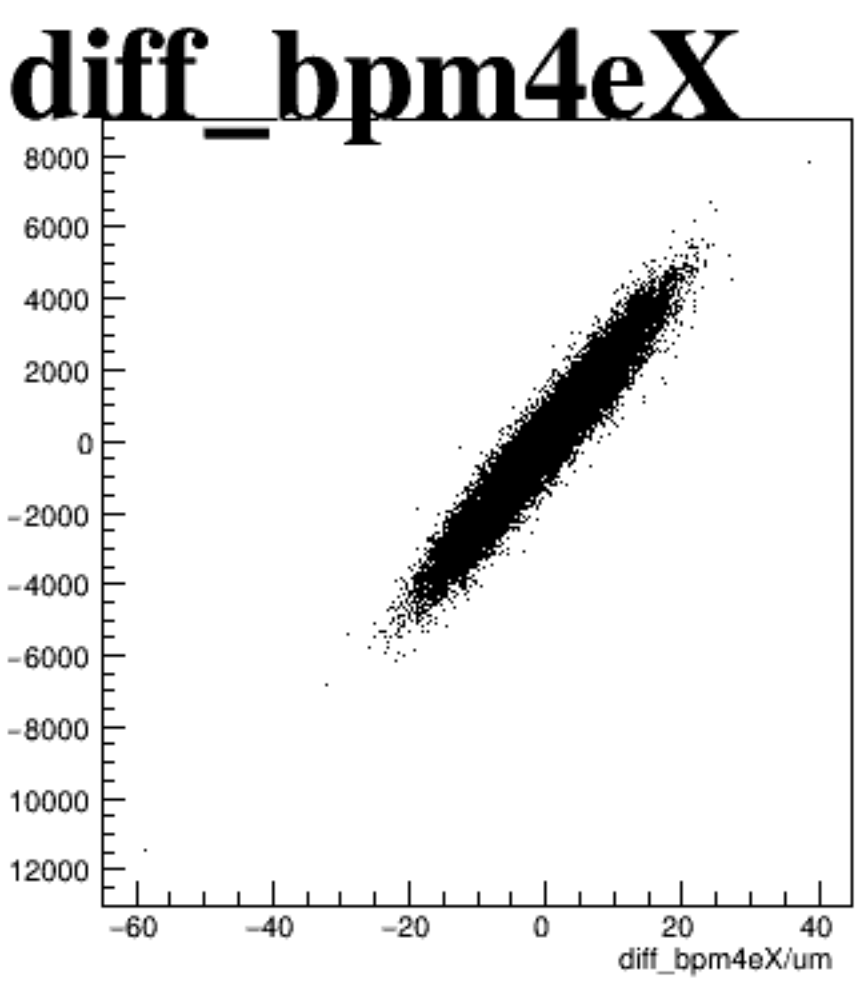
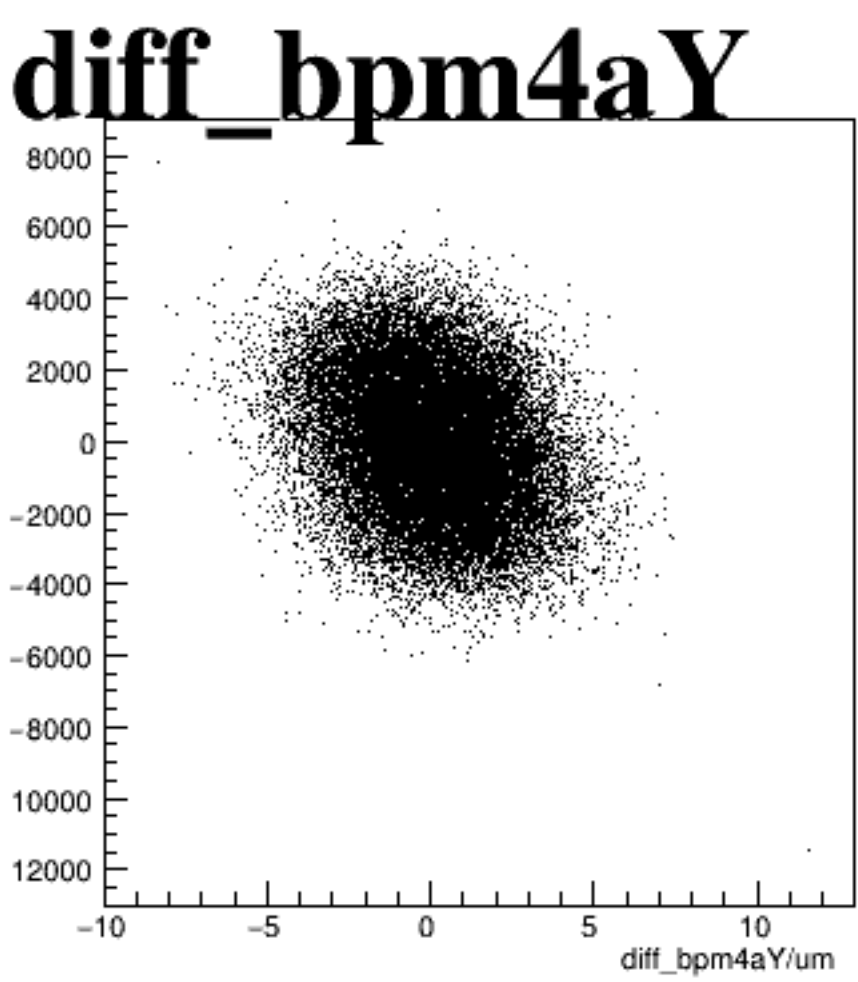
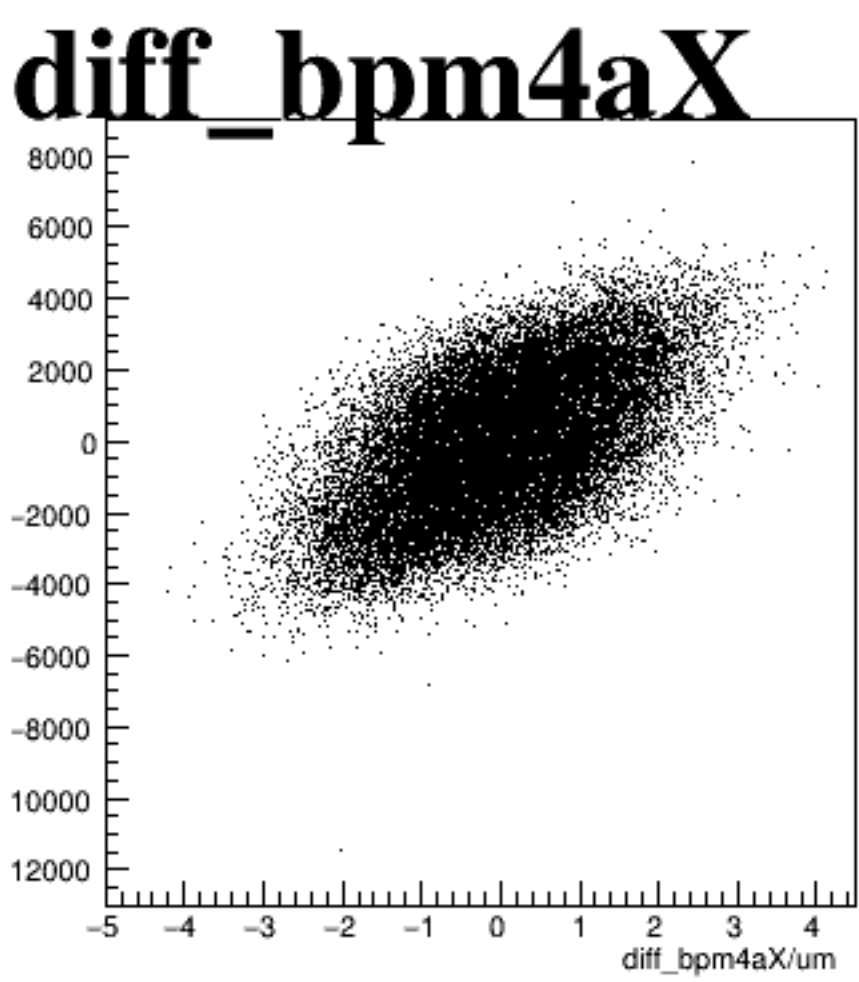
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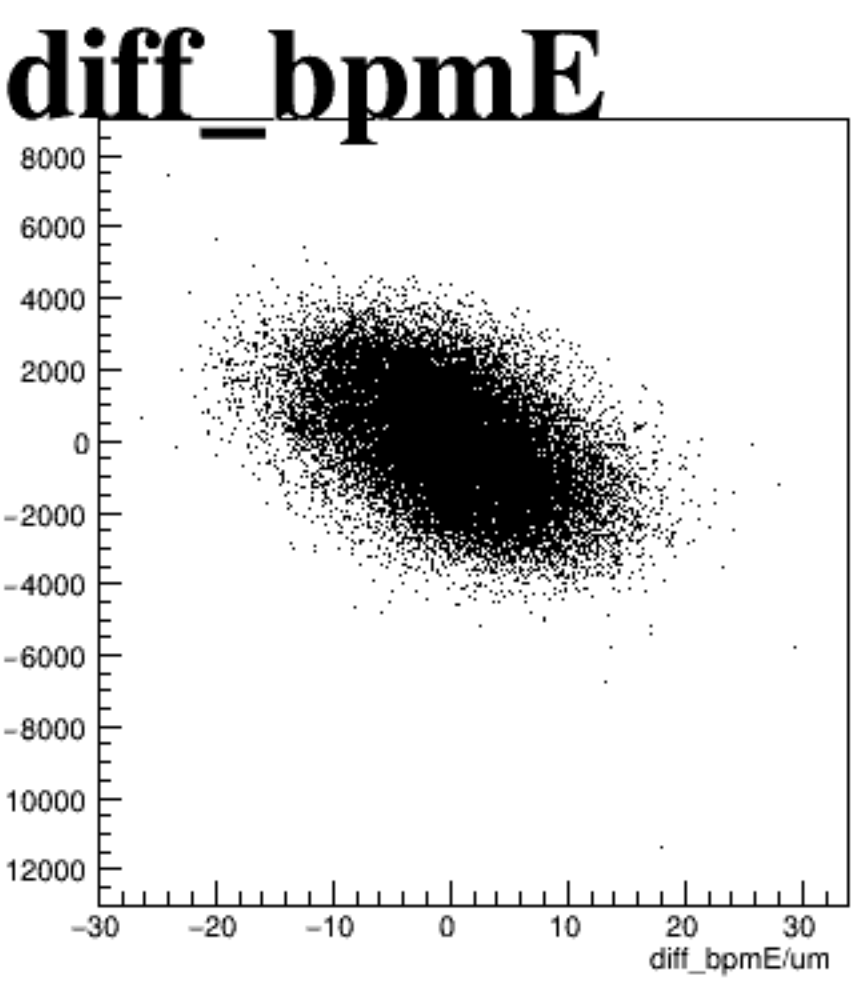
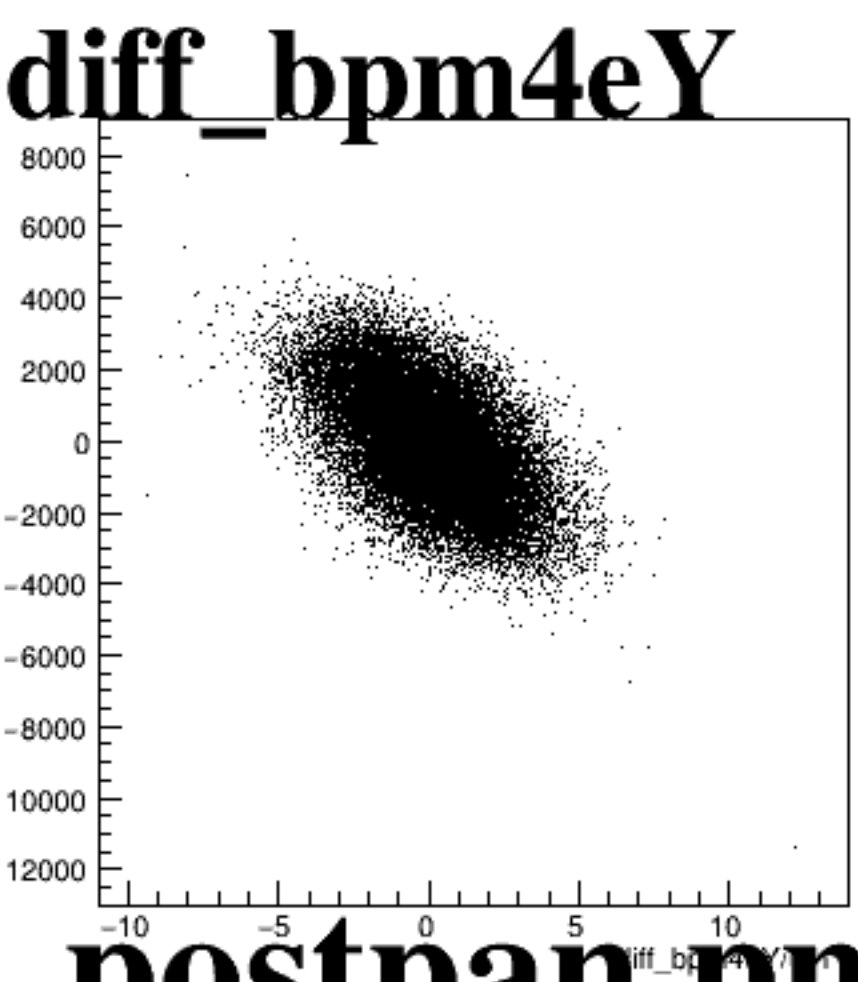
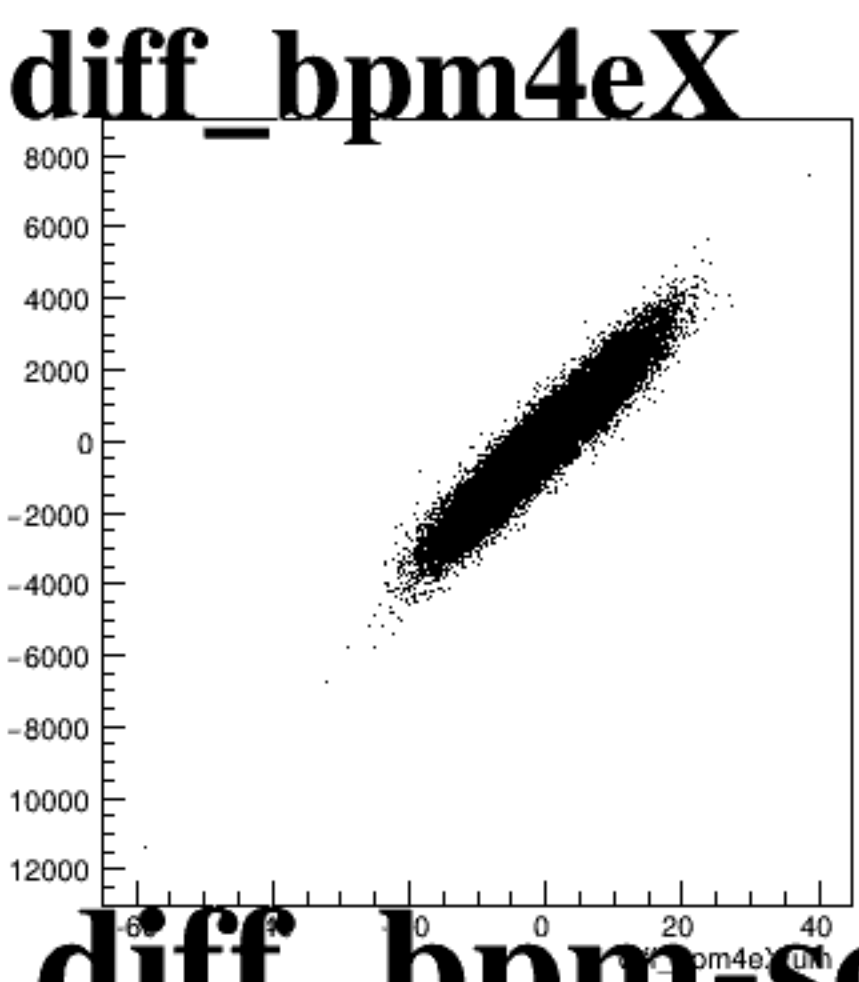
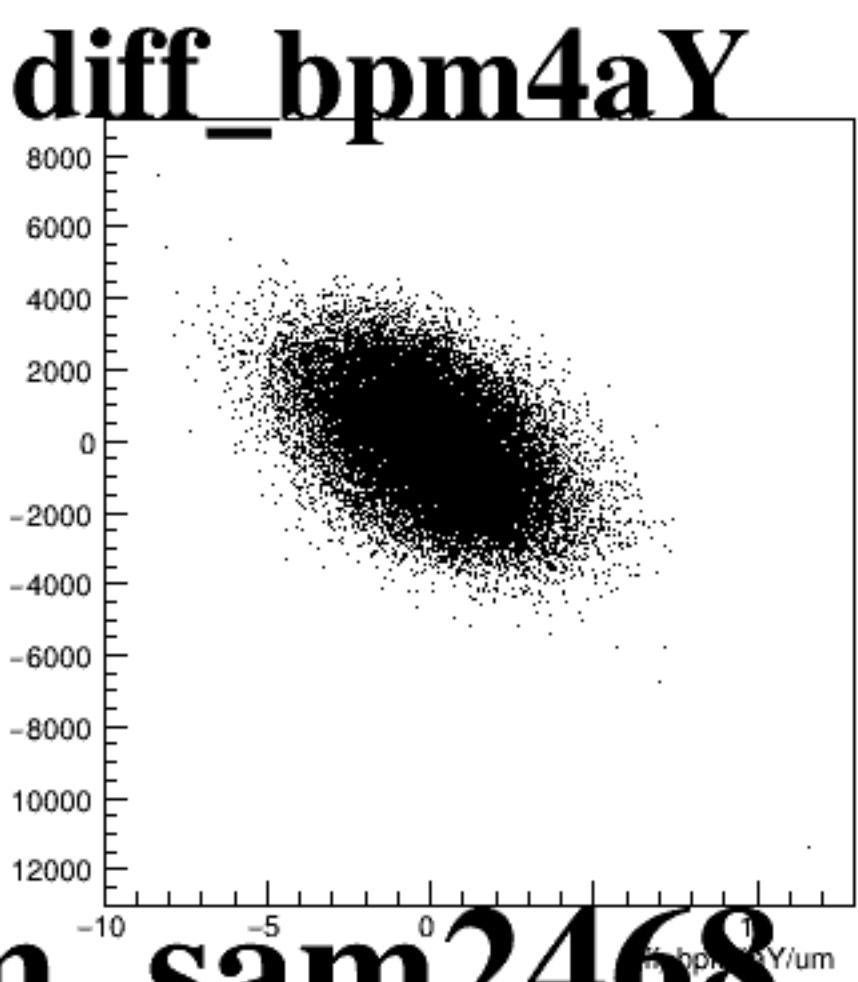
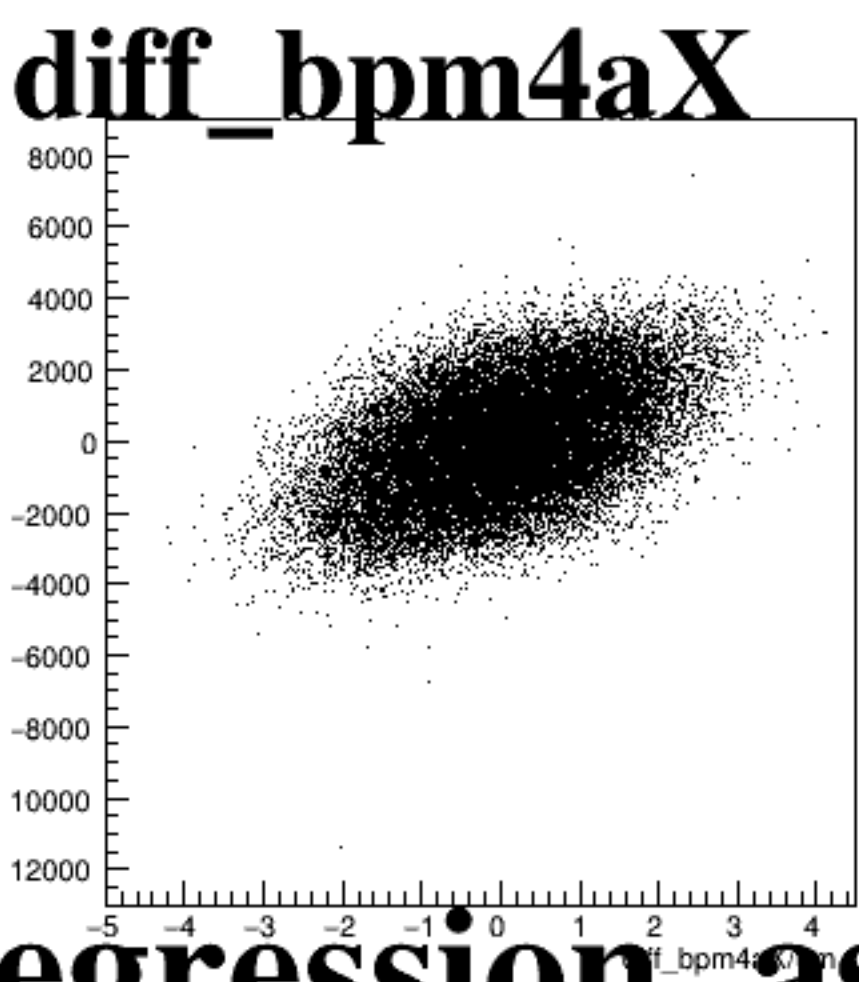
asym_sam4



asym_sam6



asym_sam8



The figure displays five scatter plots arranged horizontally, each showing the distribution of a different variable. All plots share a common y-axis scale from -8000 to 8000. The x-axes are labeled as follows:

- diff_bpm4aX**: x-axis ranges from -5 to 4.
- diff_bpm4aY**: x-axis ranges from -10 to 10.
- diff_bpm4eX**: x-axis ranges from -60 to 40.
- diff_bpm4eY**: x-axis ranges from -10 to 10.
- diff_bpmE**: x-axis ranges from -30 to 30.

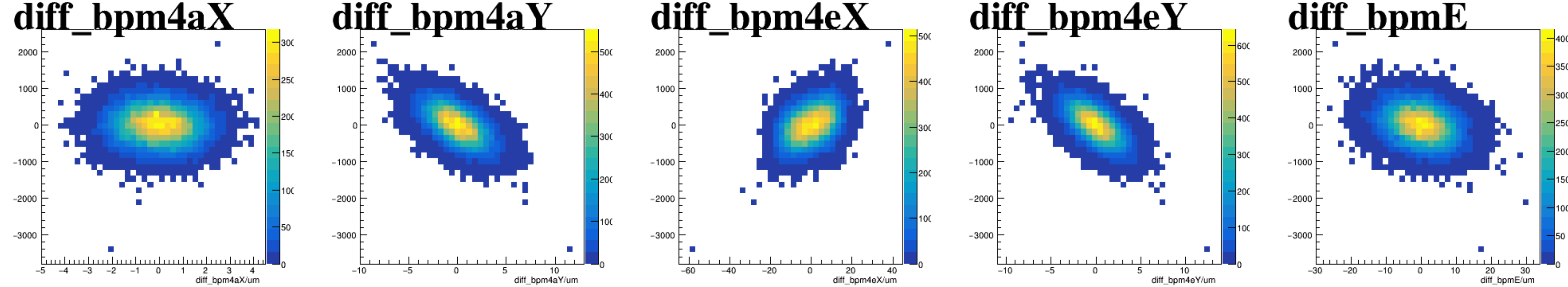
Each plot shows a dense, roughly circular cloud of points centered near the origin (0,0), indicating a bivariate normal distribution for each variable pair.

The figure consists of five scatter plots arranged horizontally, each showing the distribution of a different diffraction order. The y-axis for all plots ranges from -2000 to 2000. The x-axis labels and ranges are as follows:

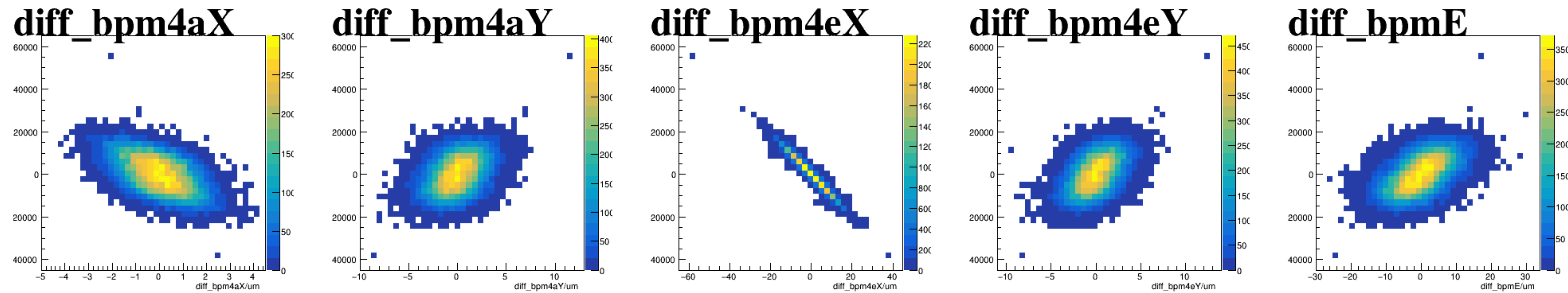
- diff_bpm4aX**: x-axis ranges from -5 to 4.
- diff_bpm4aY**: x-axis ranges from -10 to 10.
- diff_bpm4eX**: x-axis ranges from -60 to 40.
- diff_bpm4eY**: x-axis ranges from -10 to 10.
- diff_bpmE**: x-axis ranges from -30 to 30.

All plots show a dense, roughly circular cloud of points centered at the origin (0,0), indicating a Gaussian-like distribution of the diffraction orders.

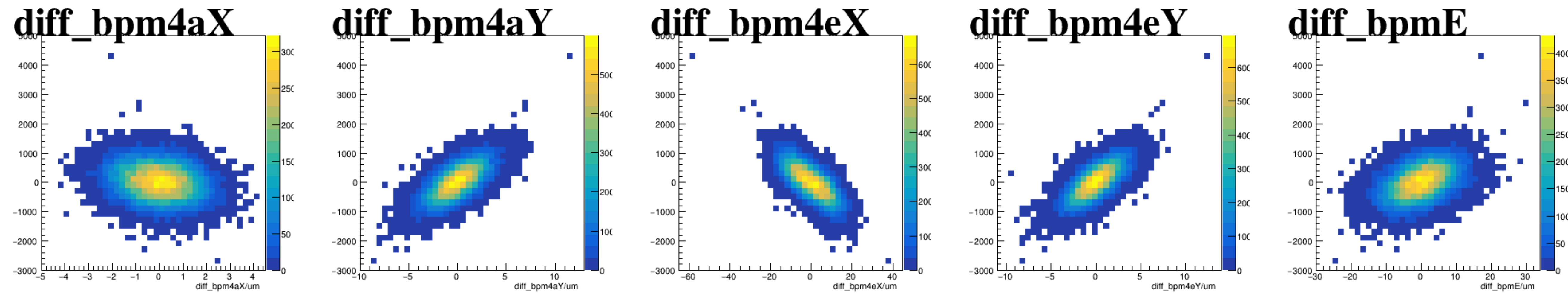
asym_sam1



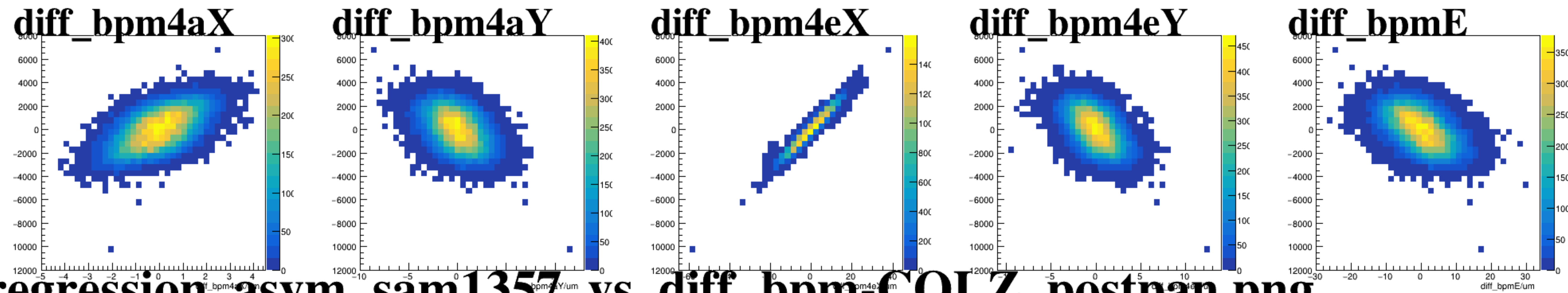
asym_sam3



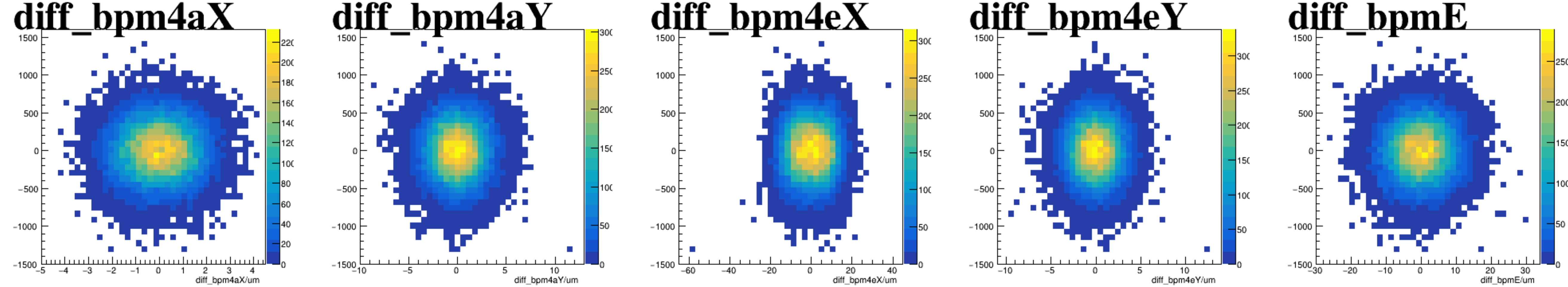
asym_sam5



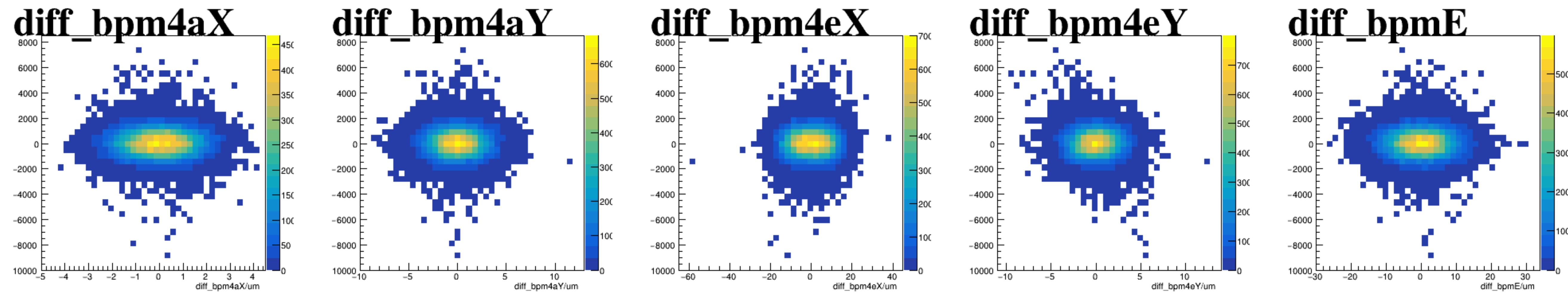
asym_sam7



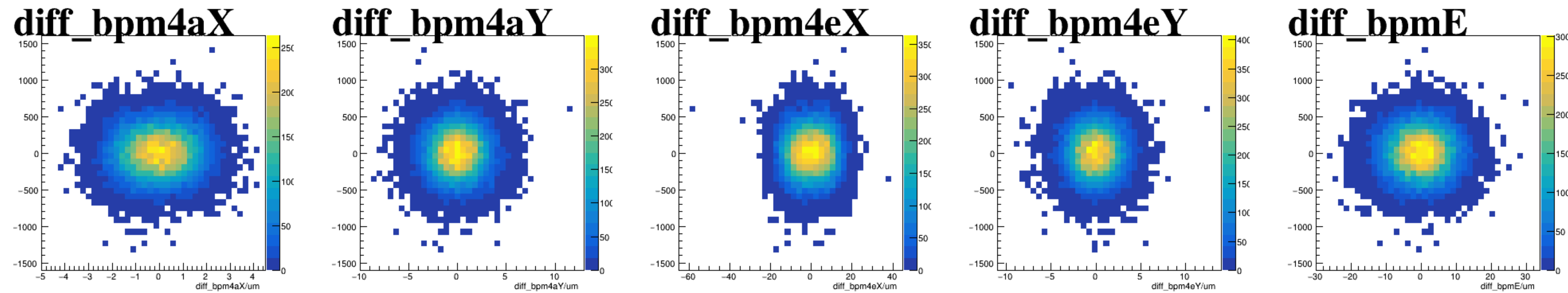
reg_asym_sam1



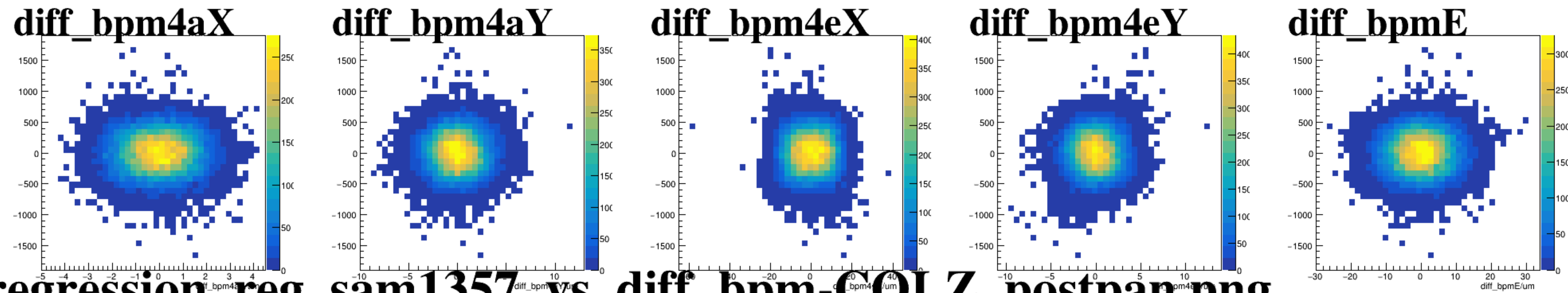
reg_asym_sam3



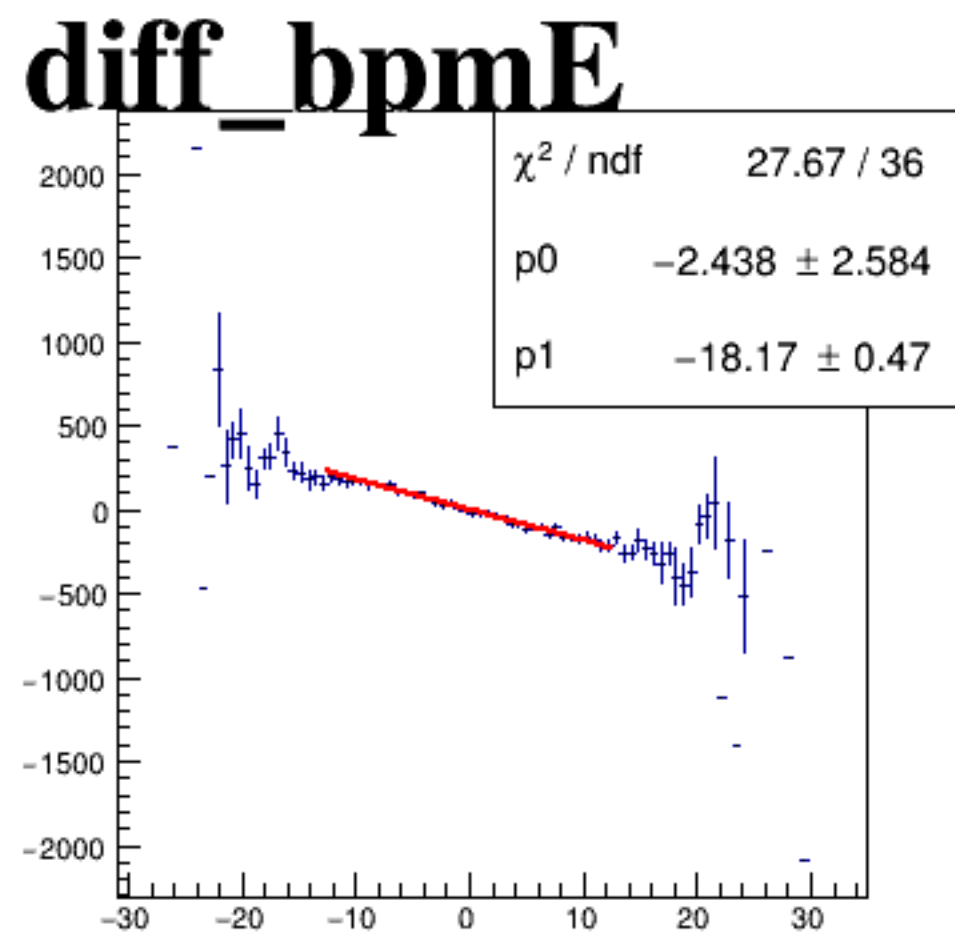
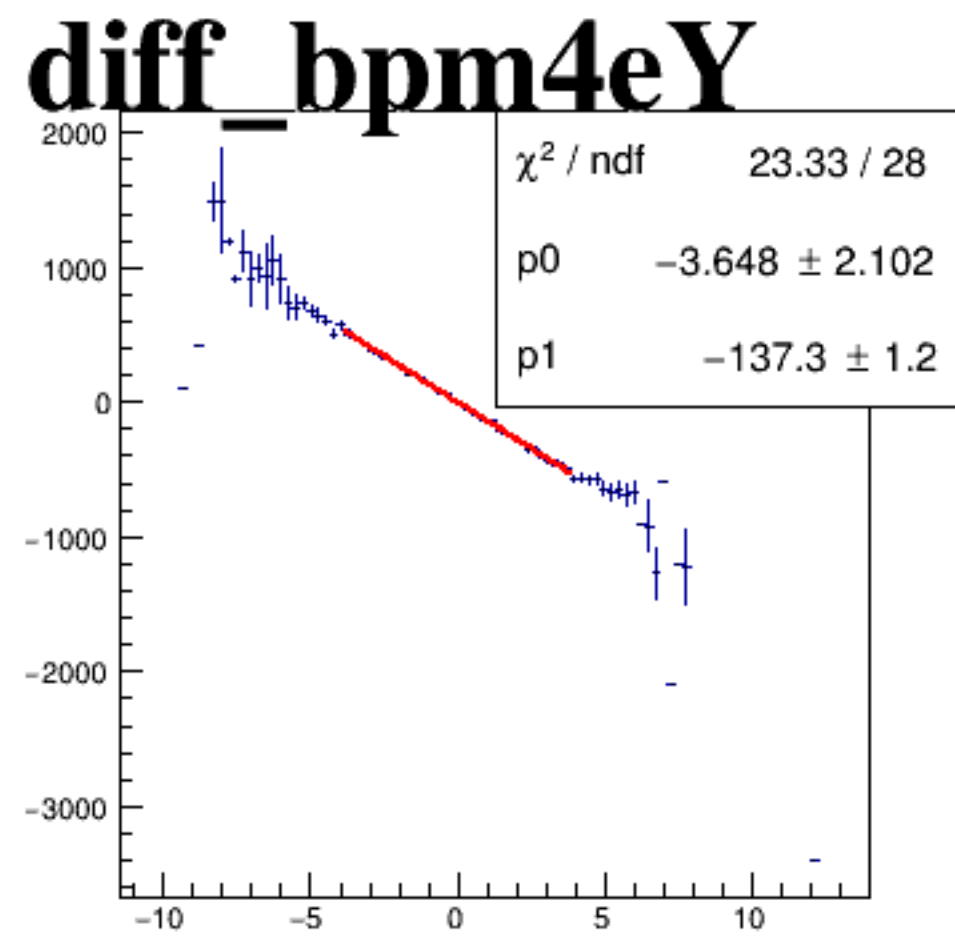
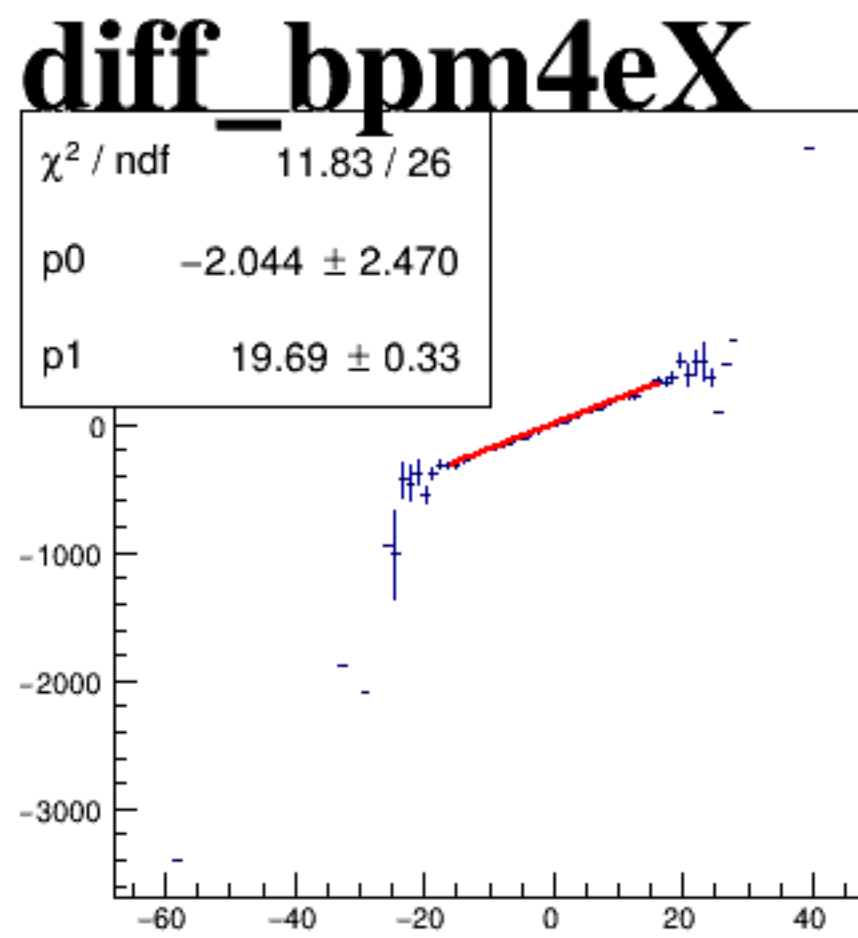
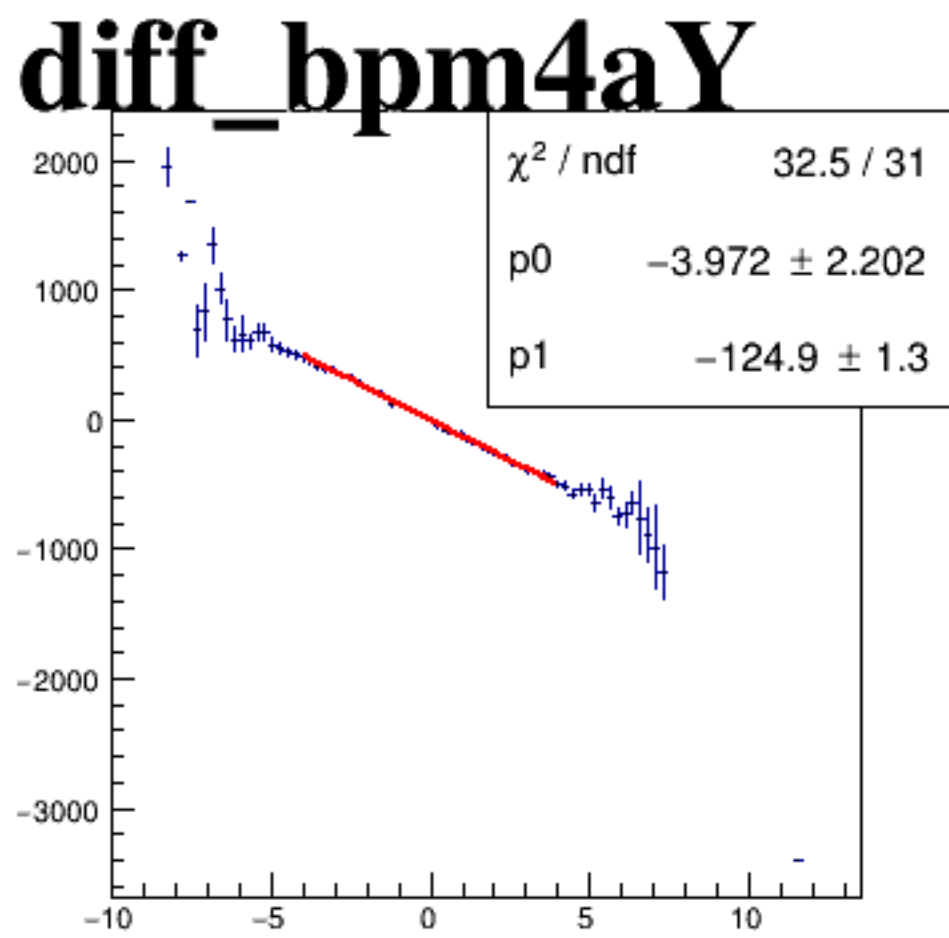
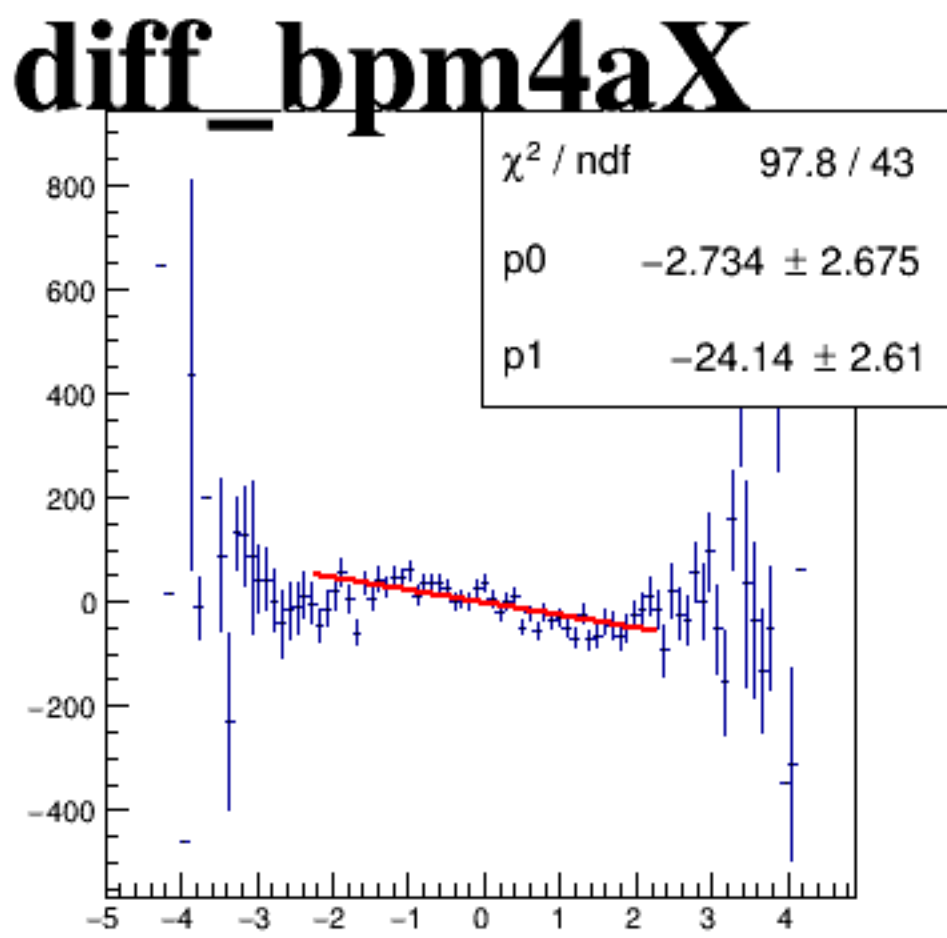
reg_asym_sam5



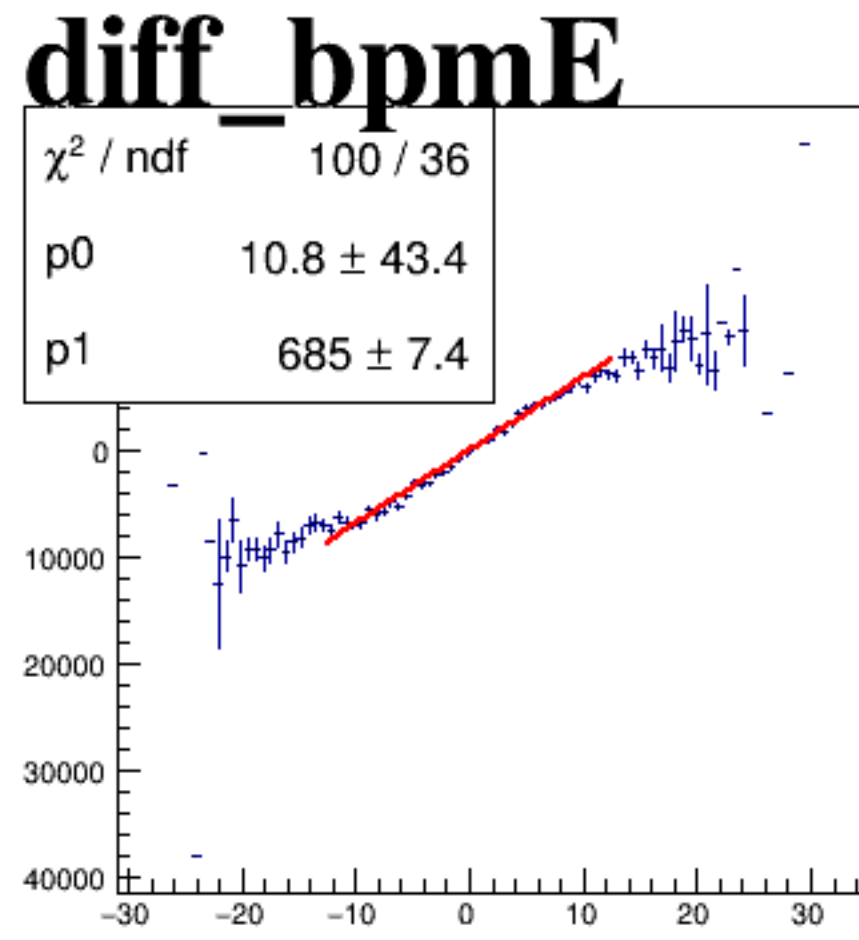
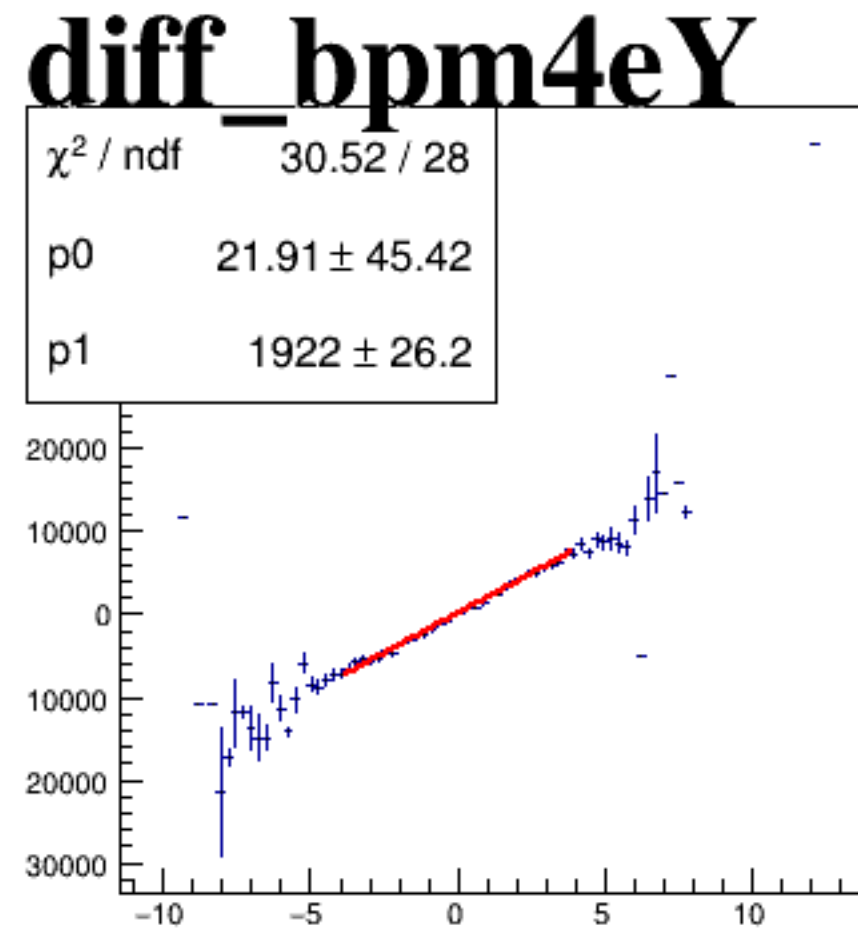
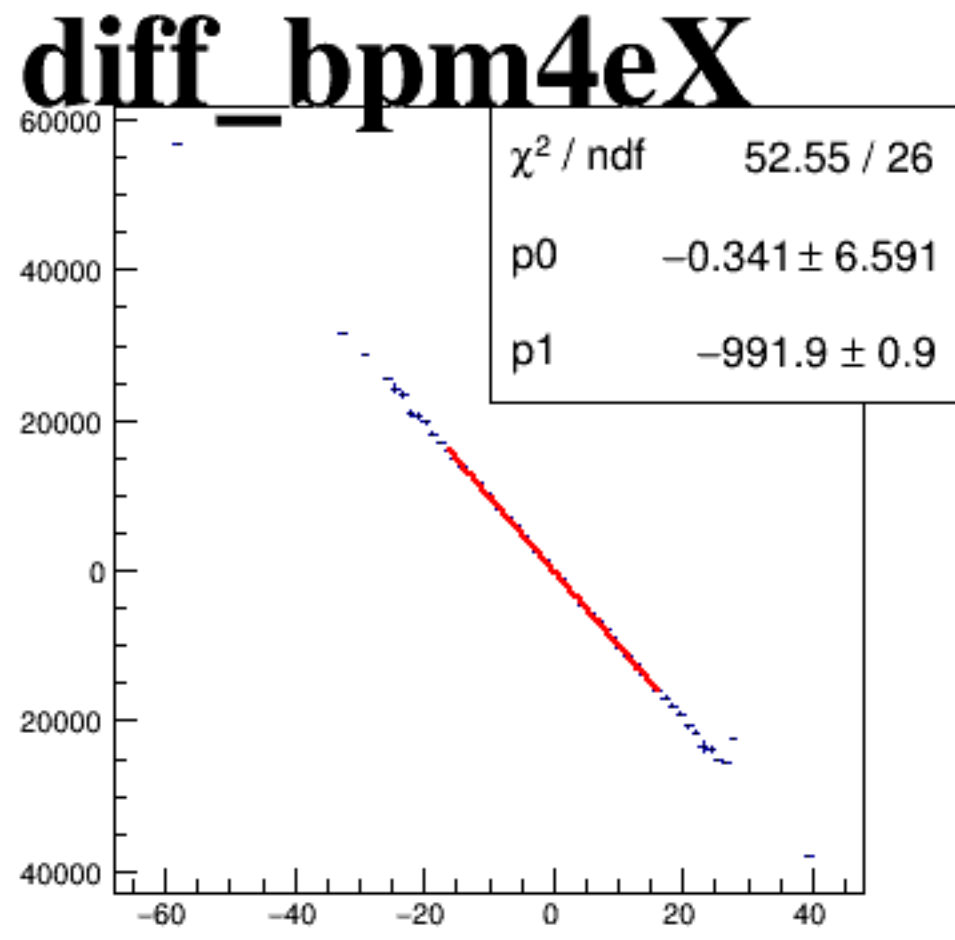
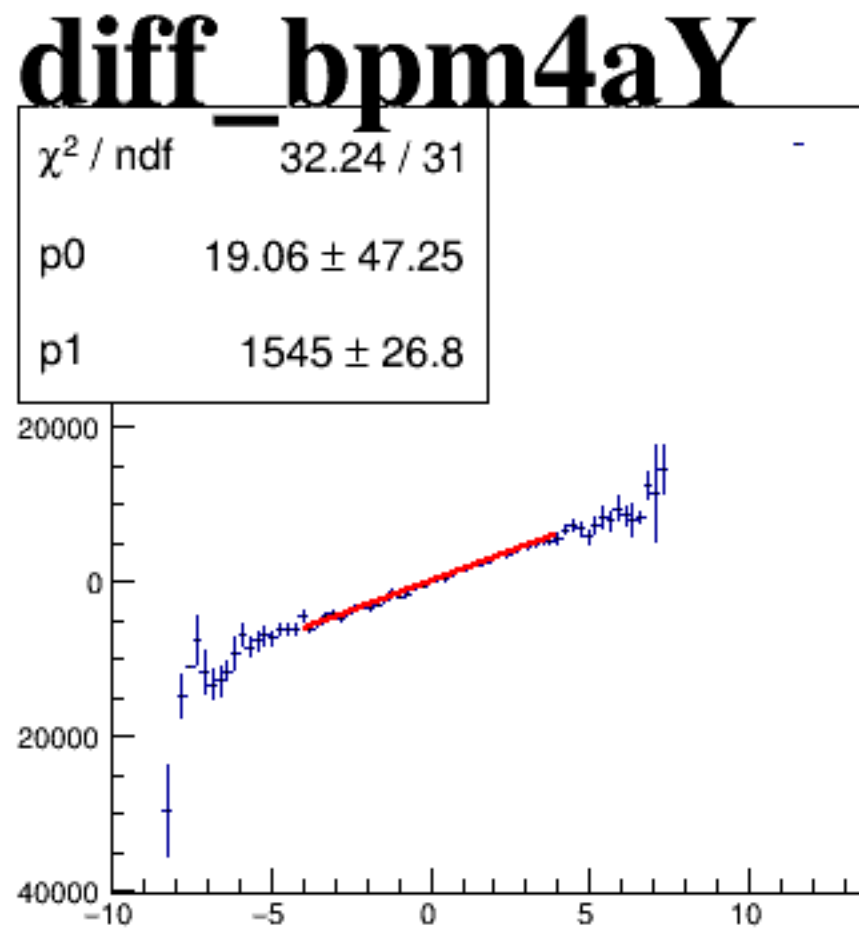
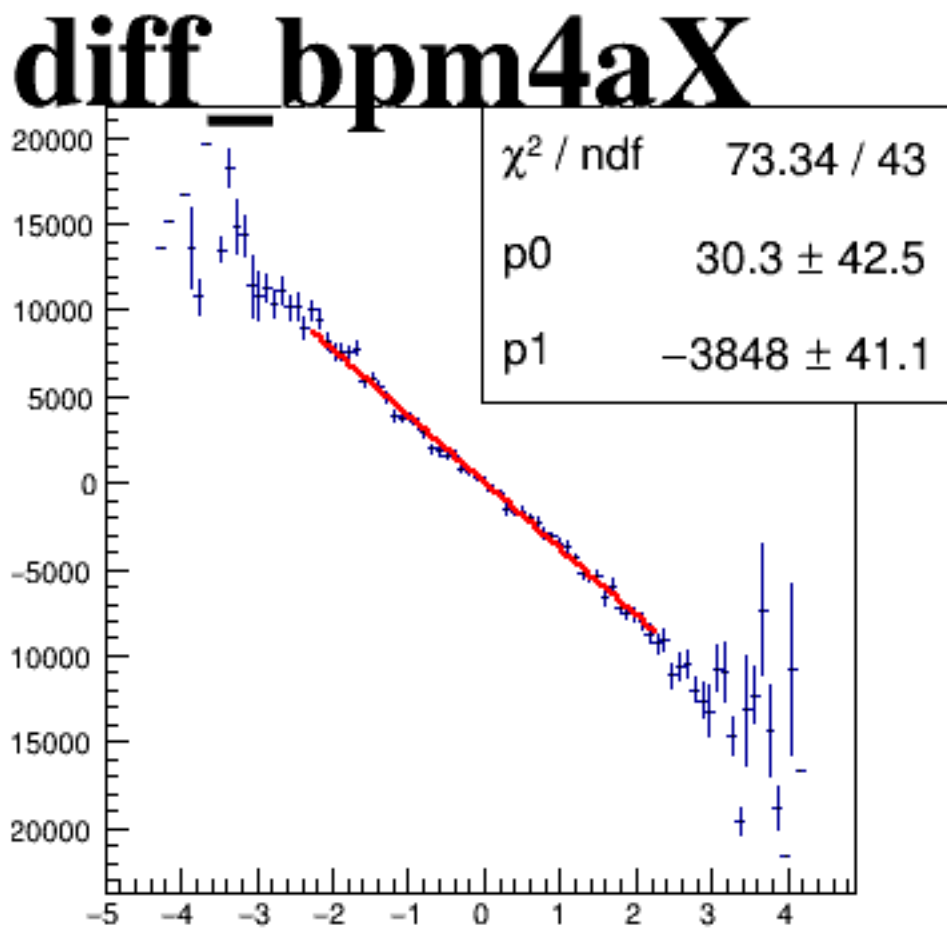
reg_asym_sam7



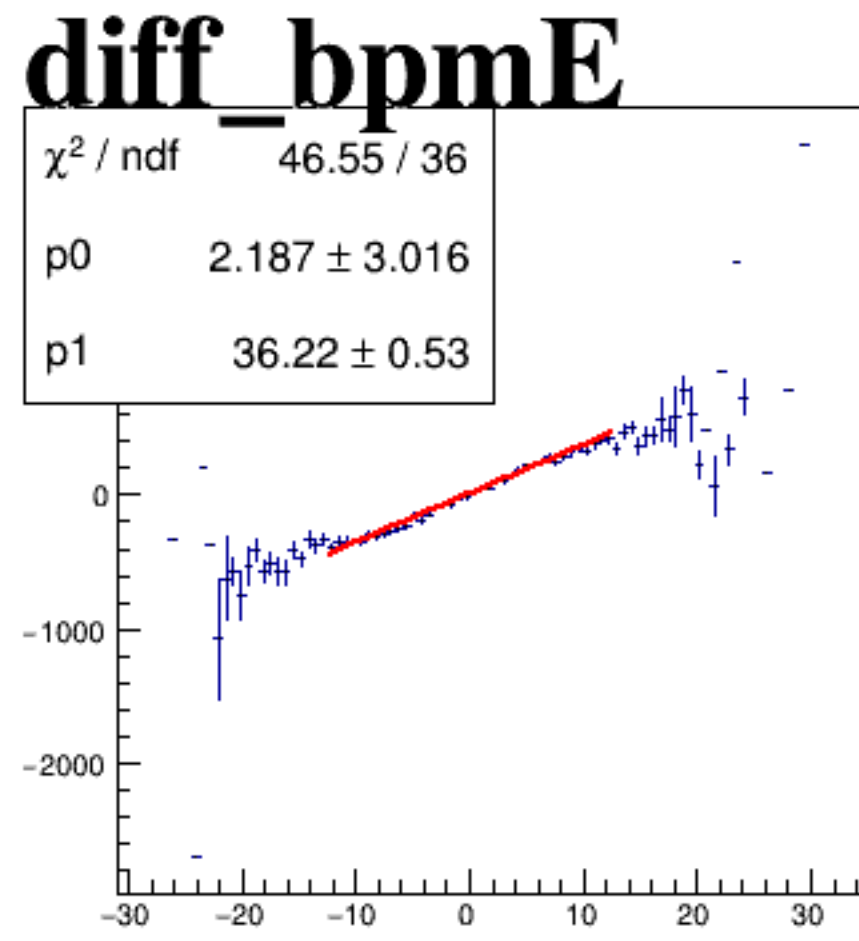
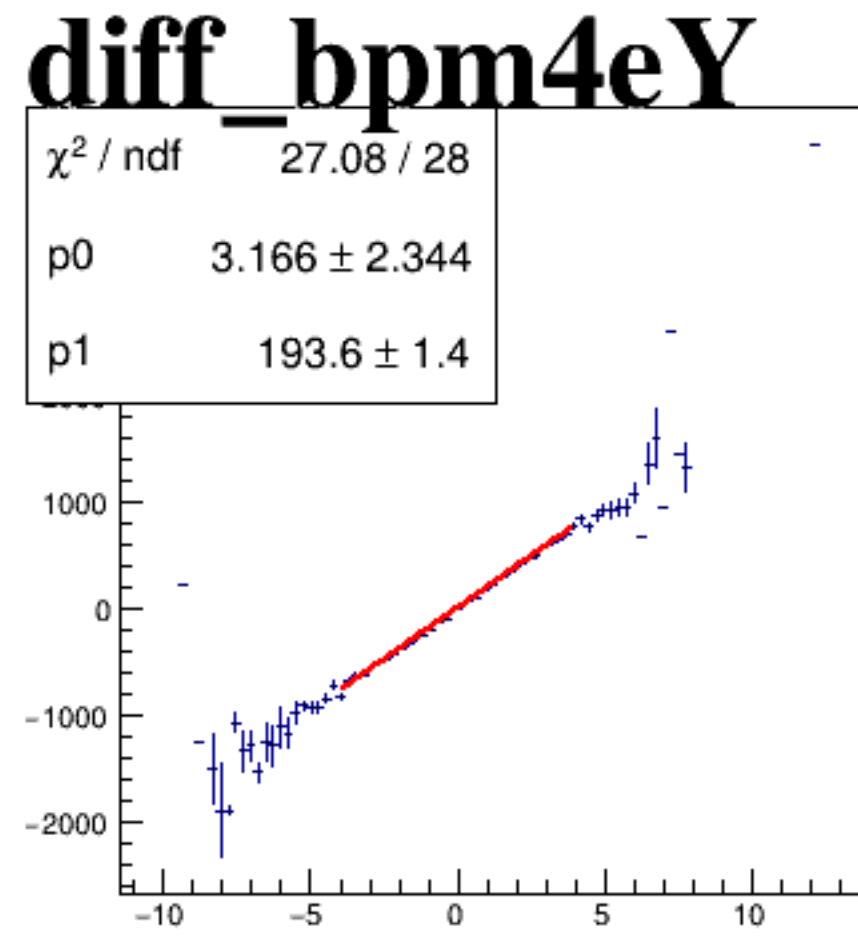
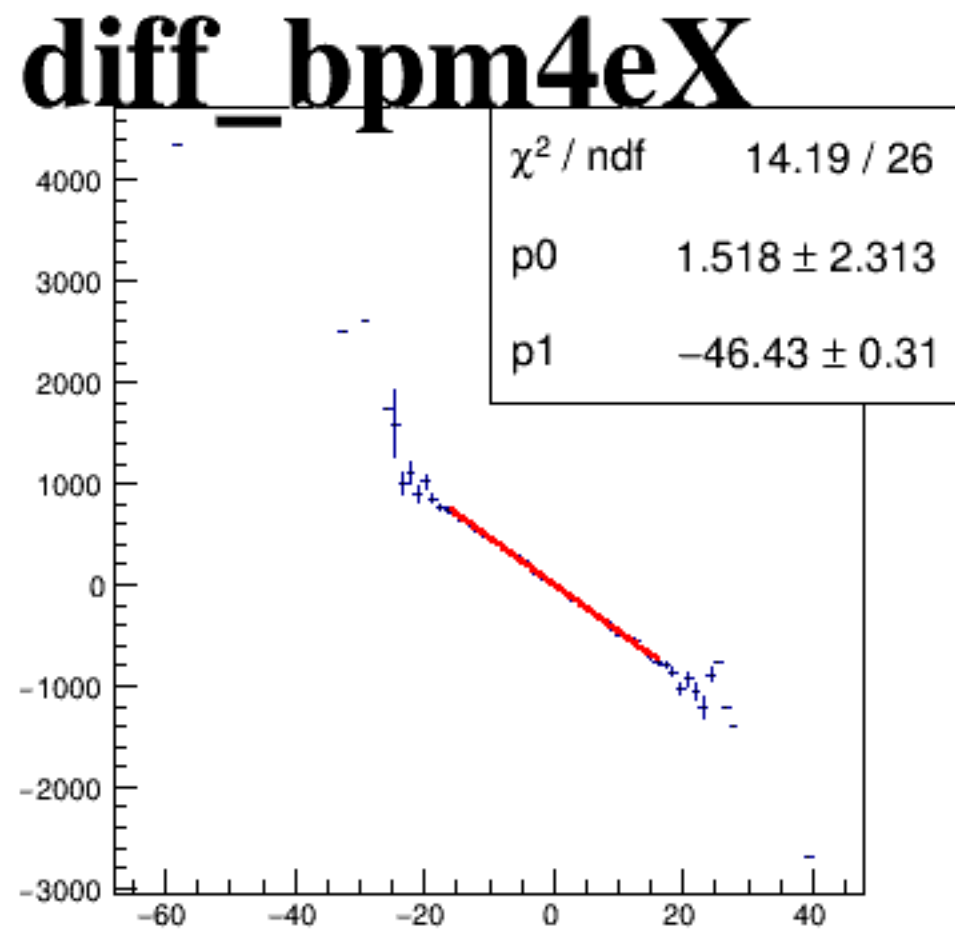
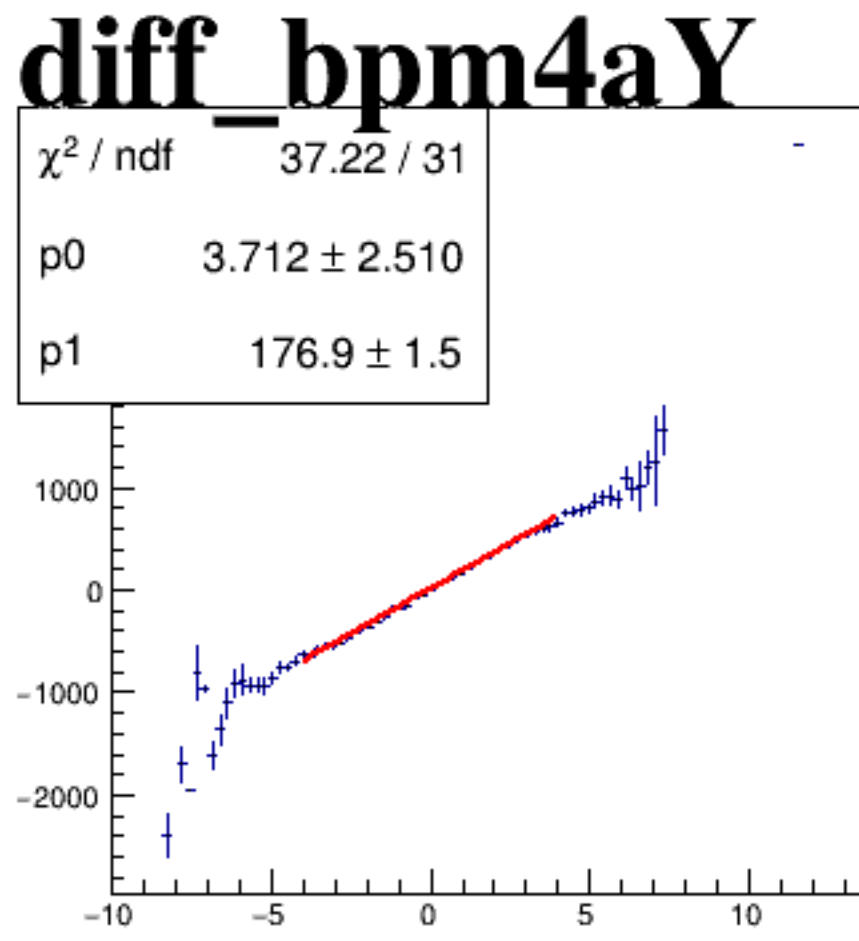
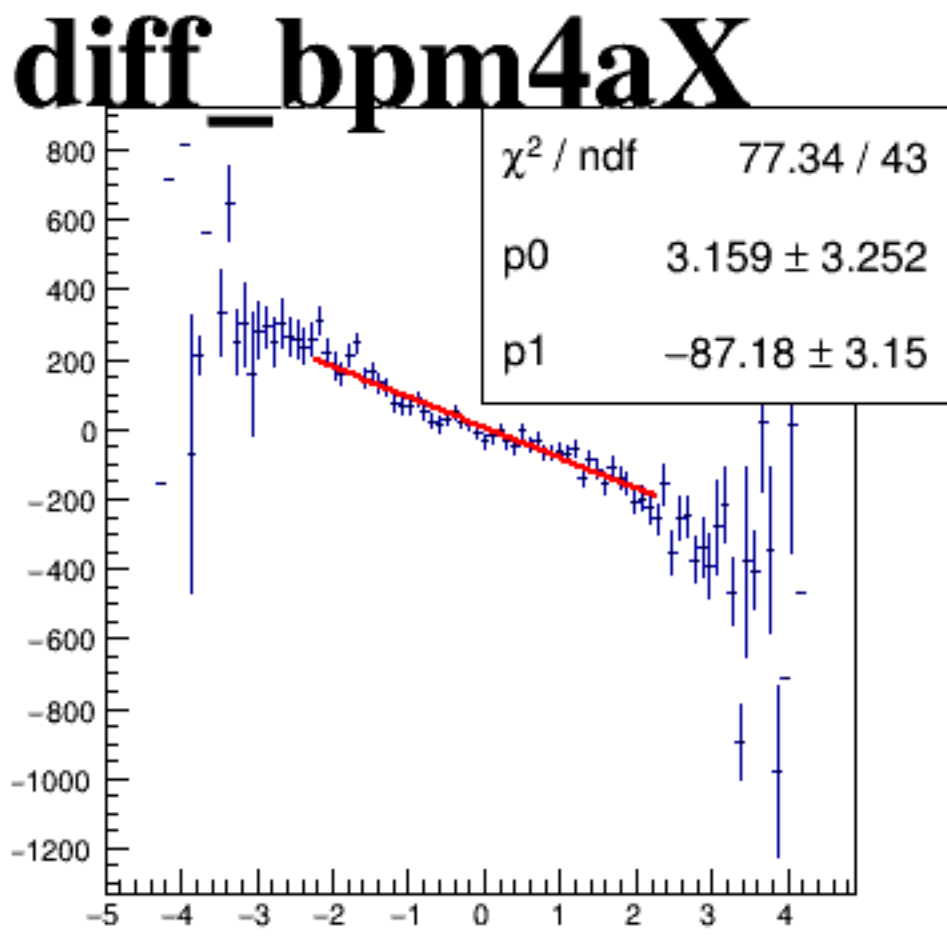
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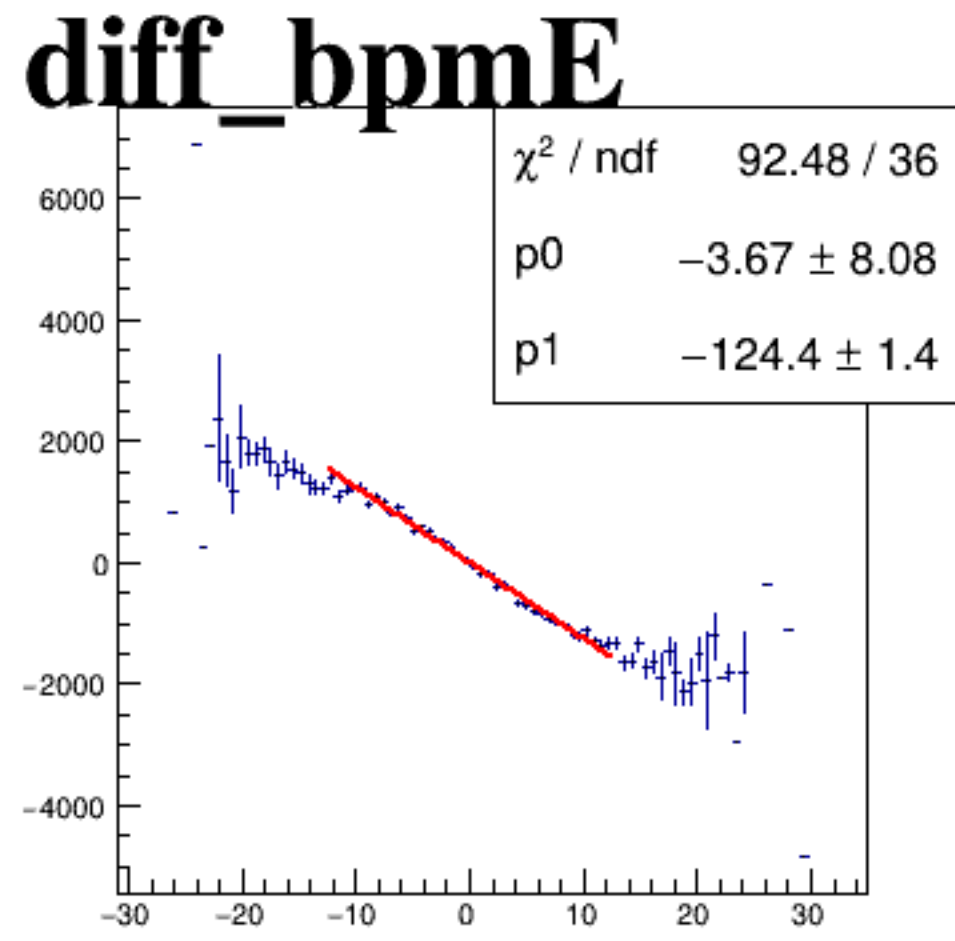
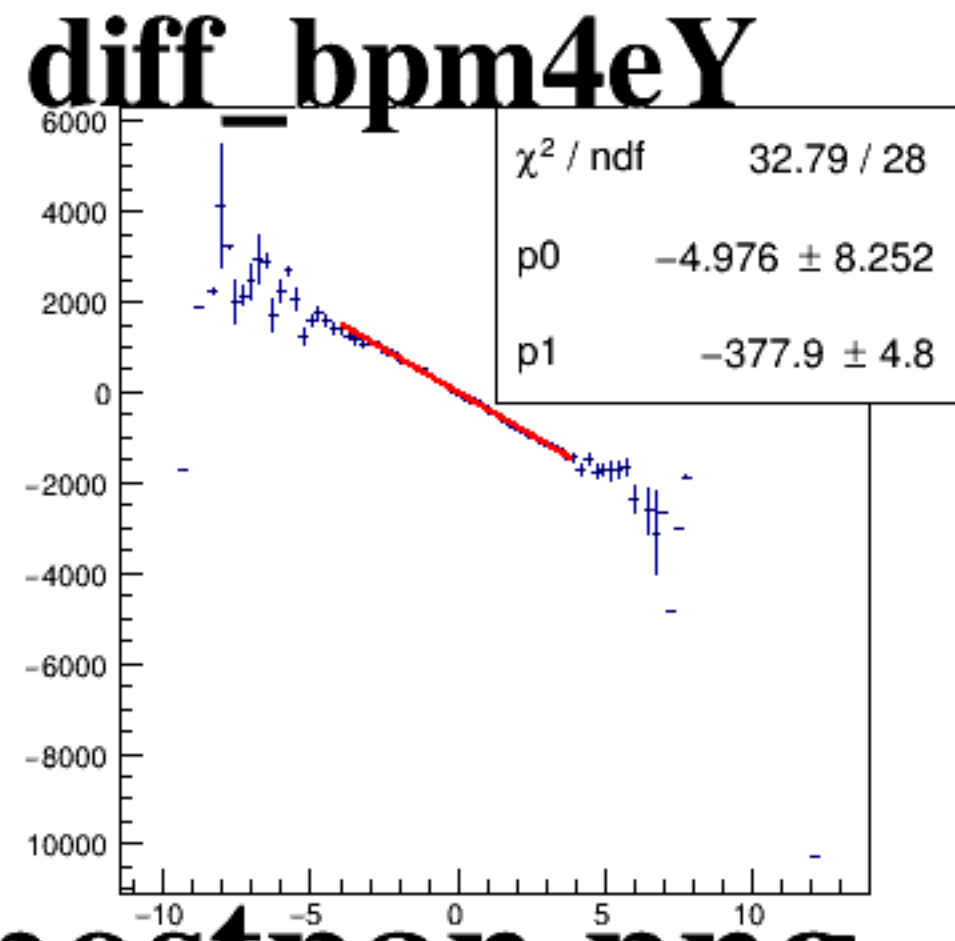
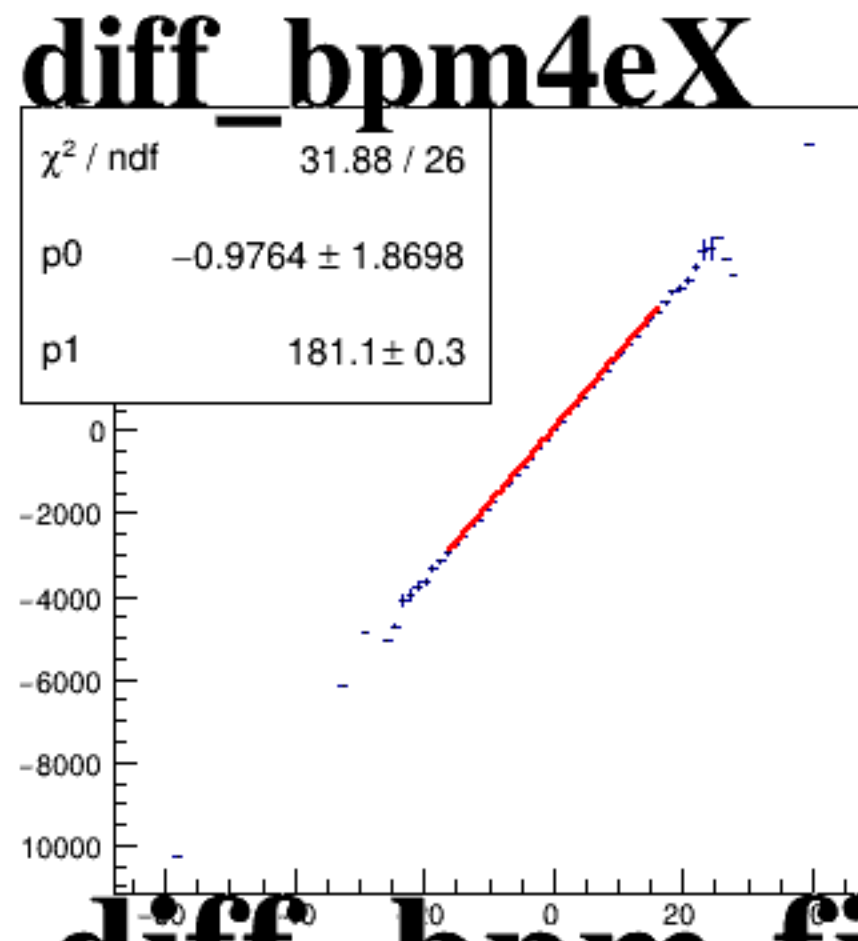
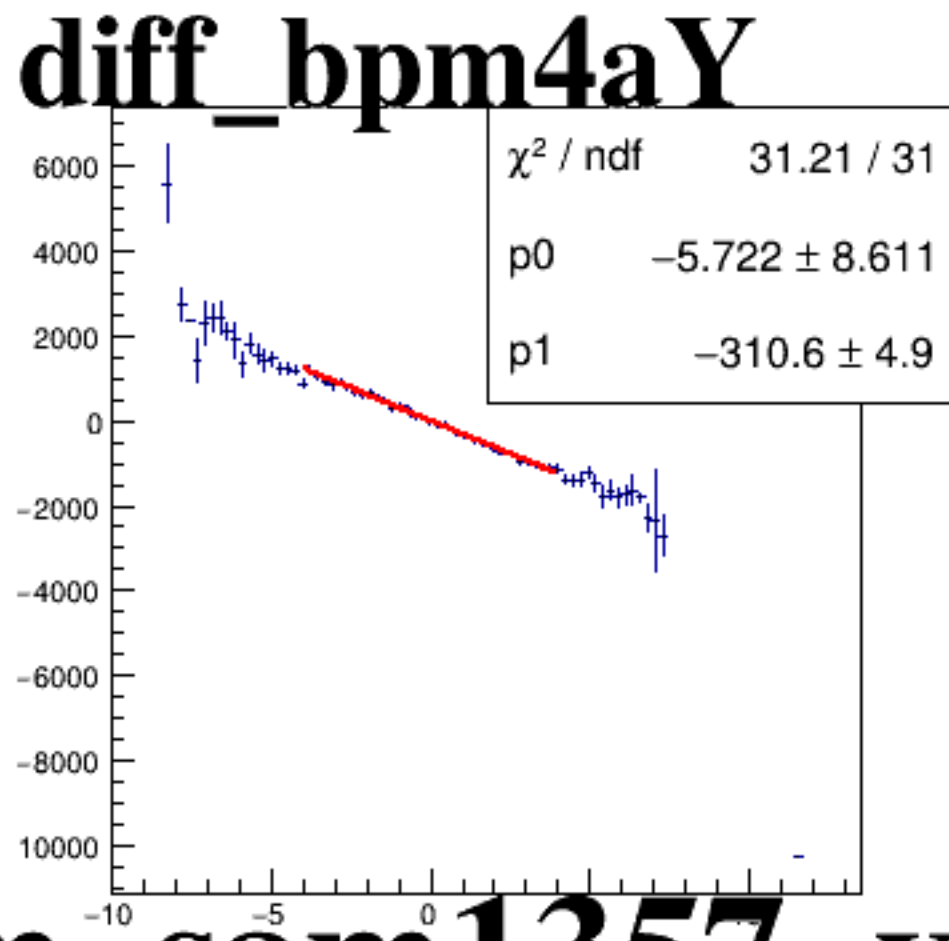
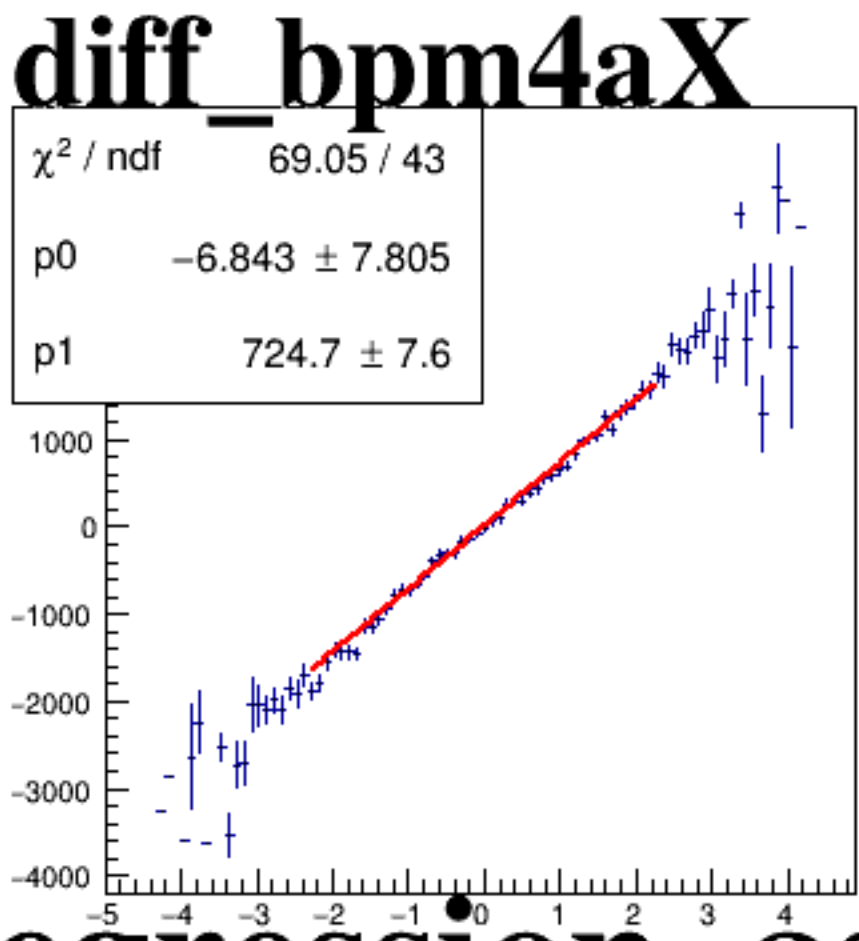
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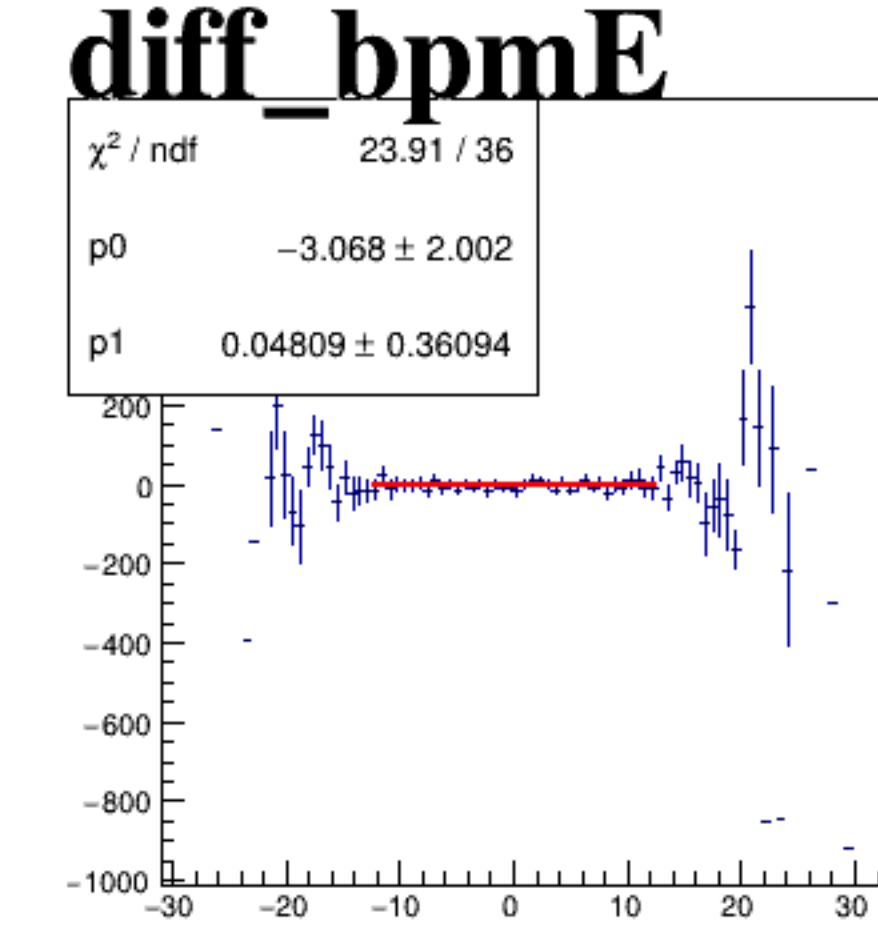
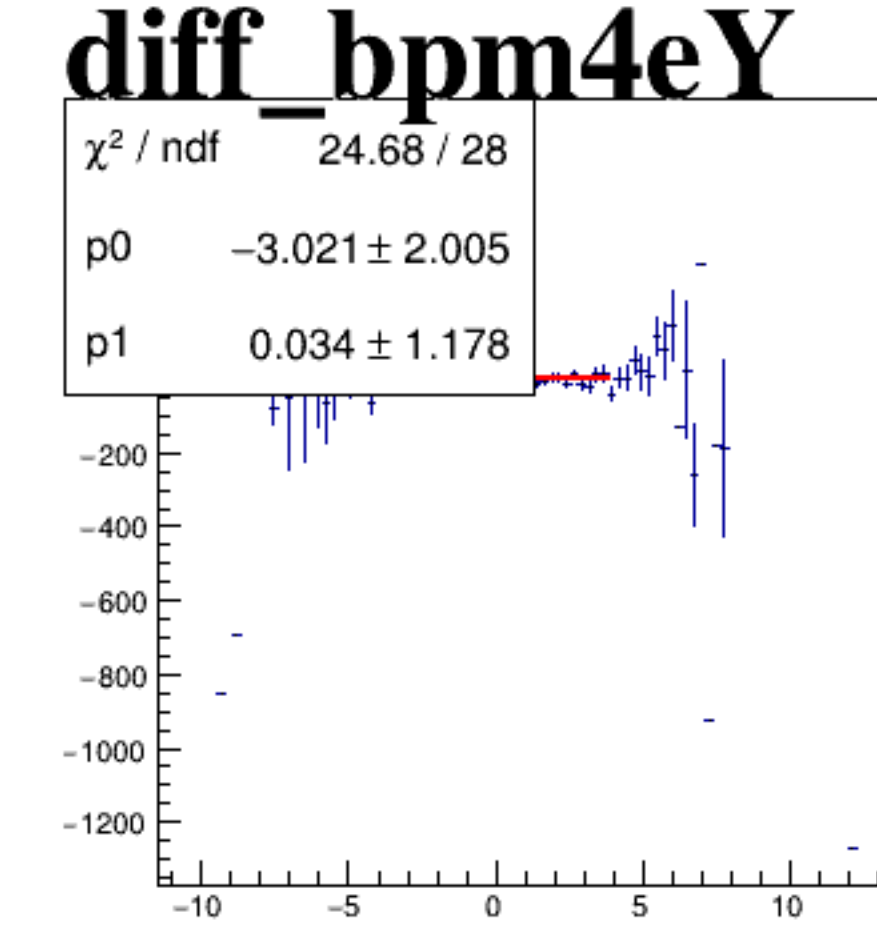
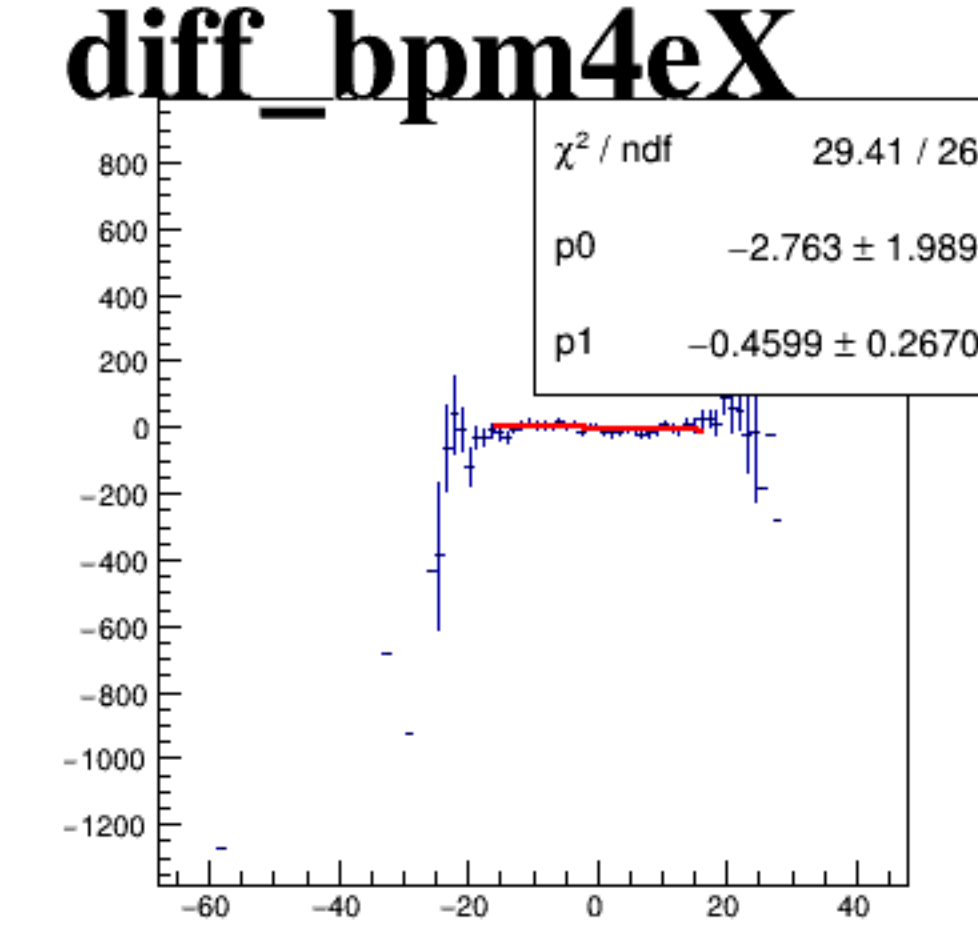
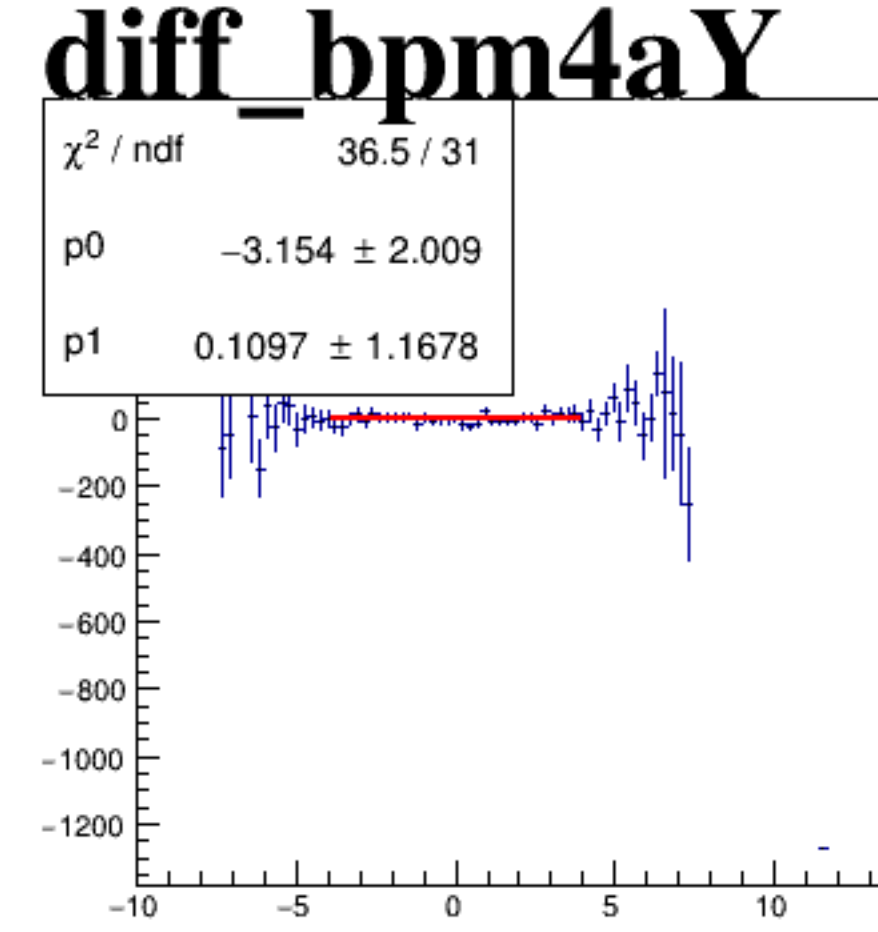
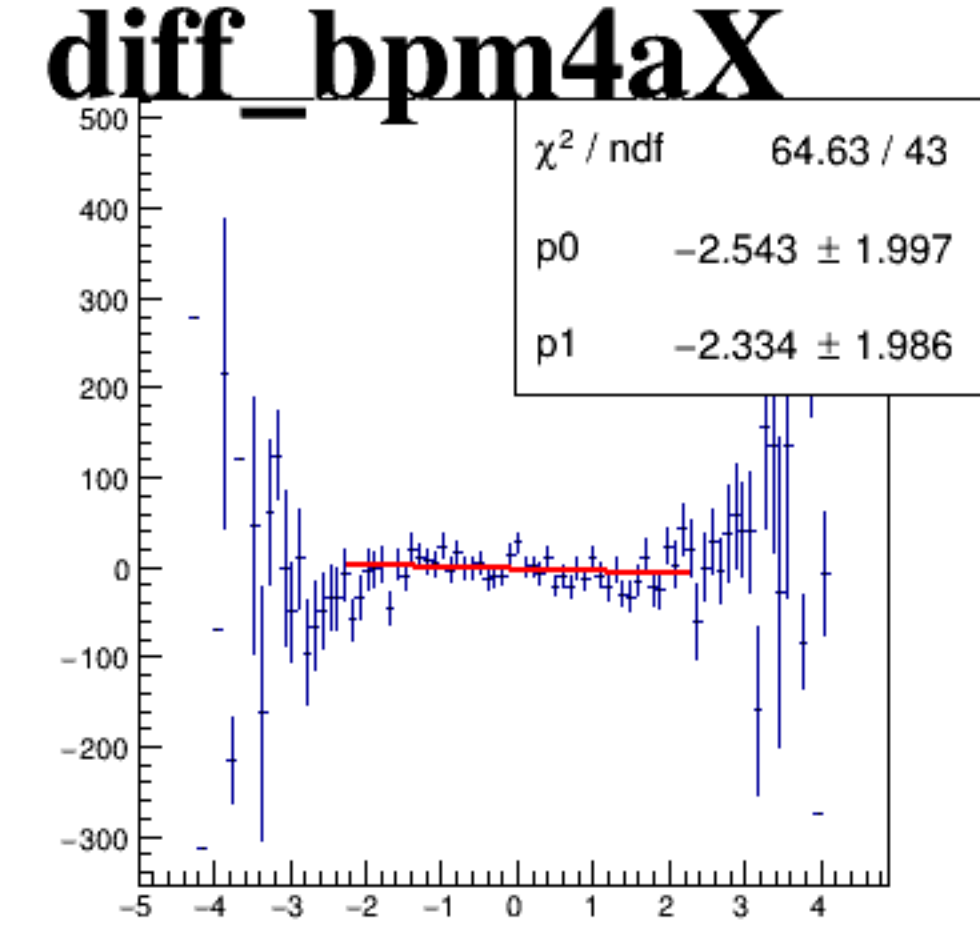
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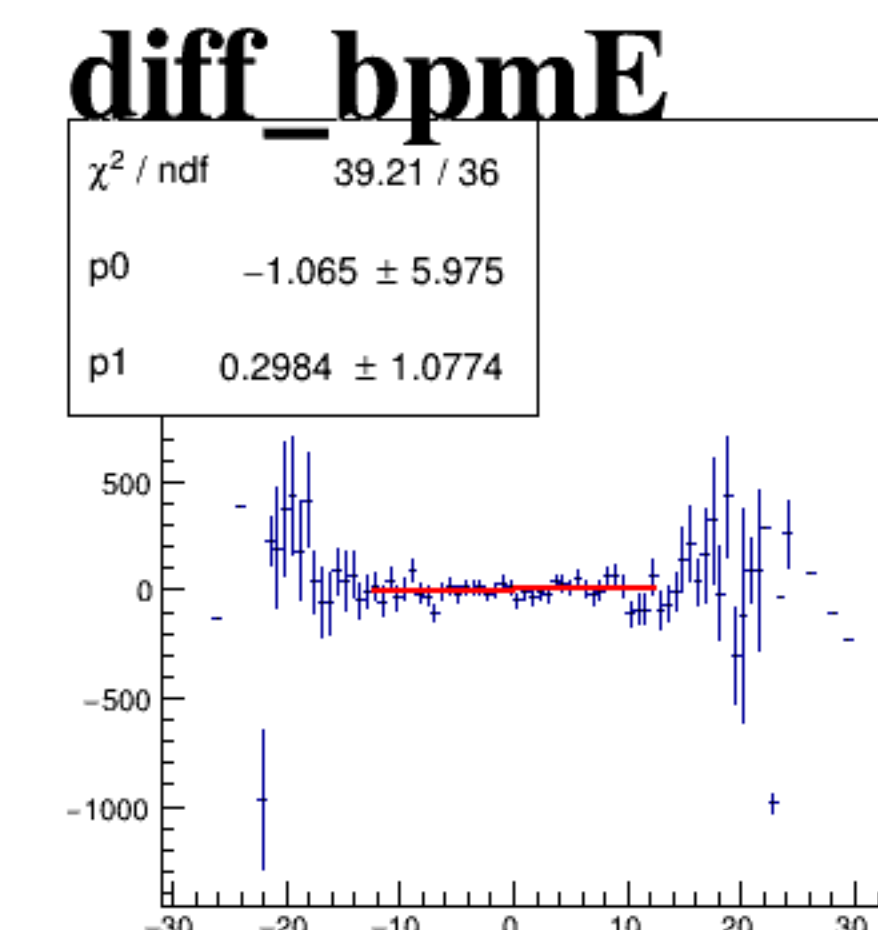
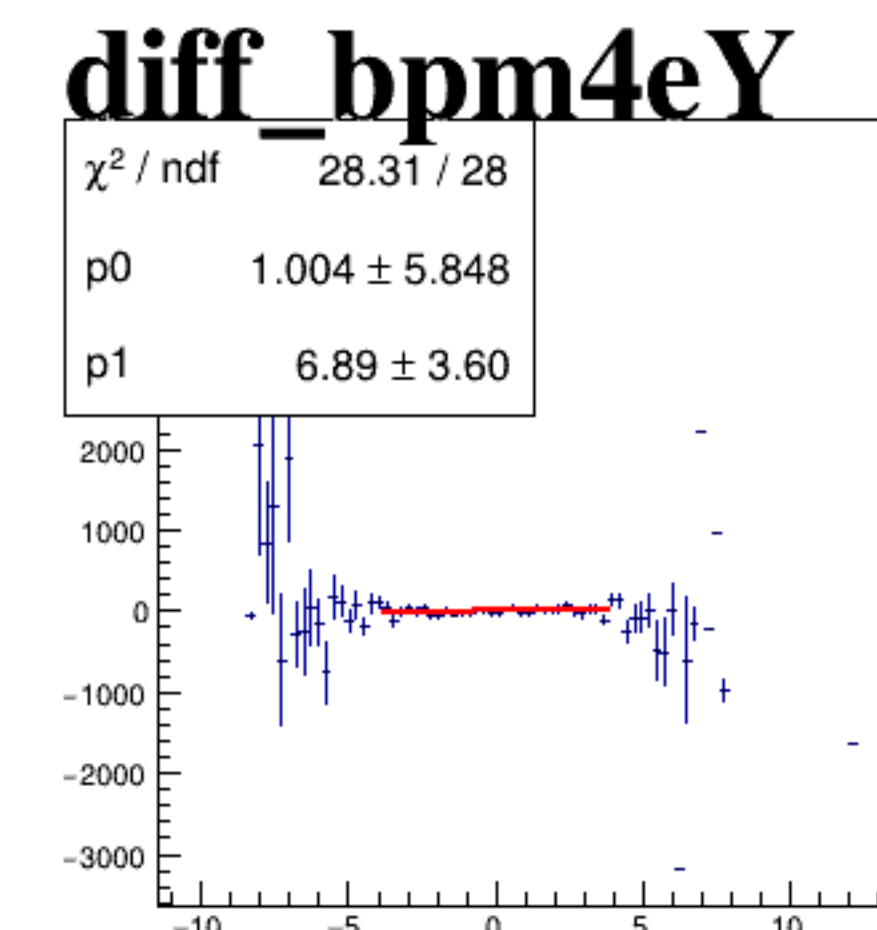
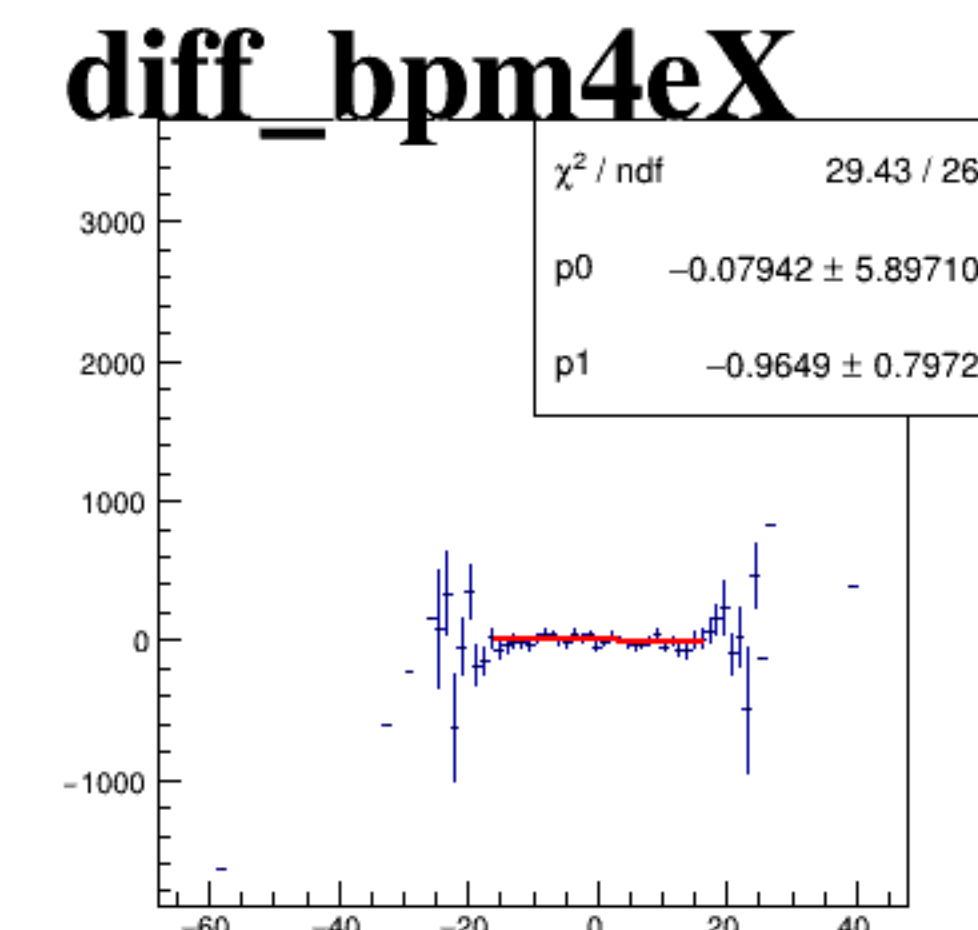
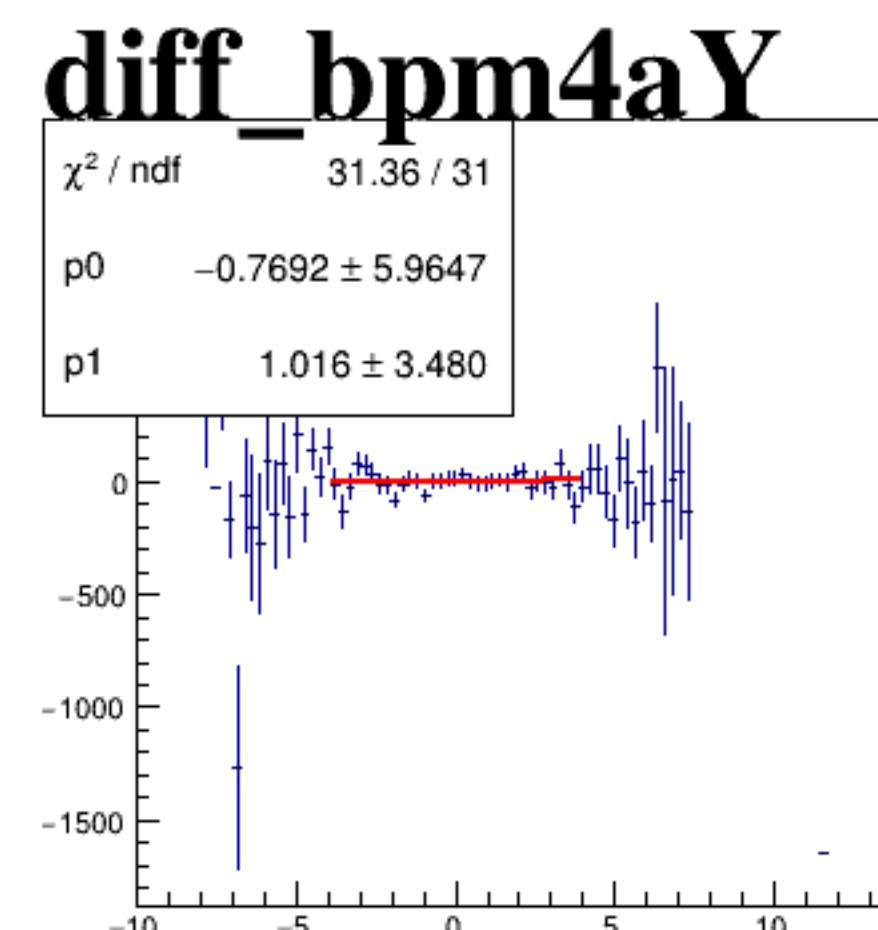
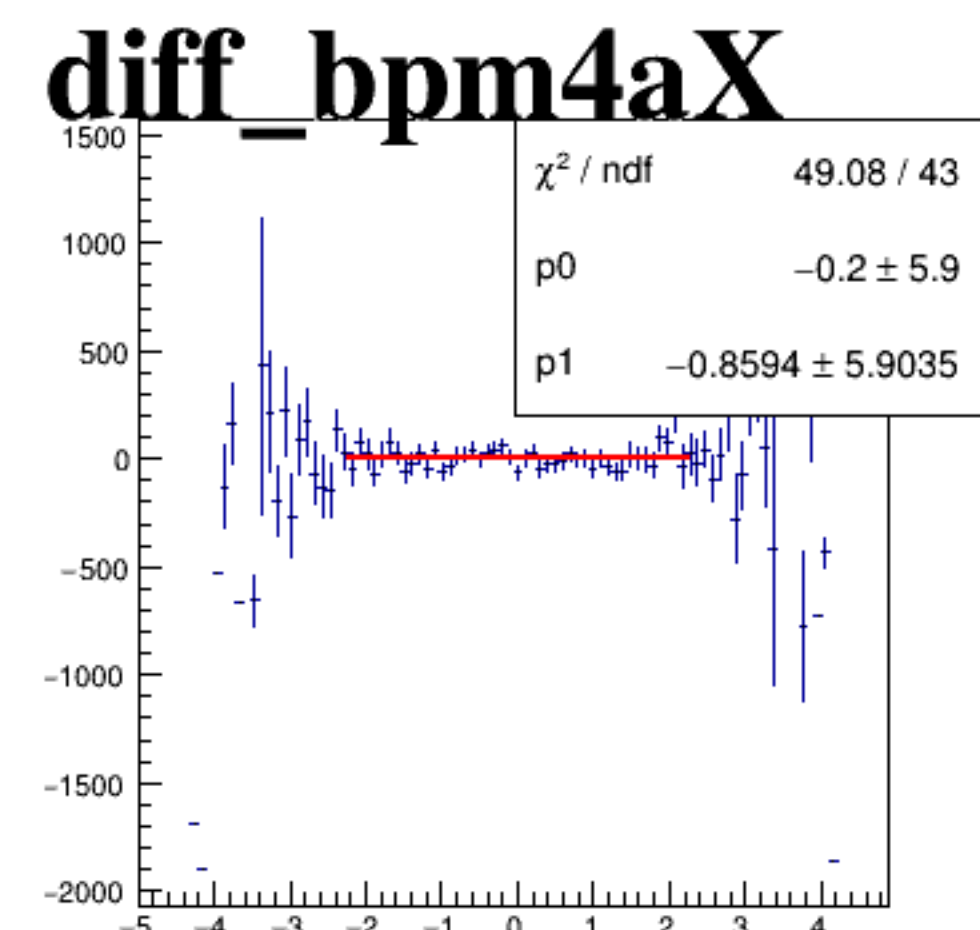
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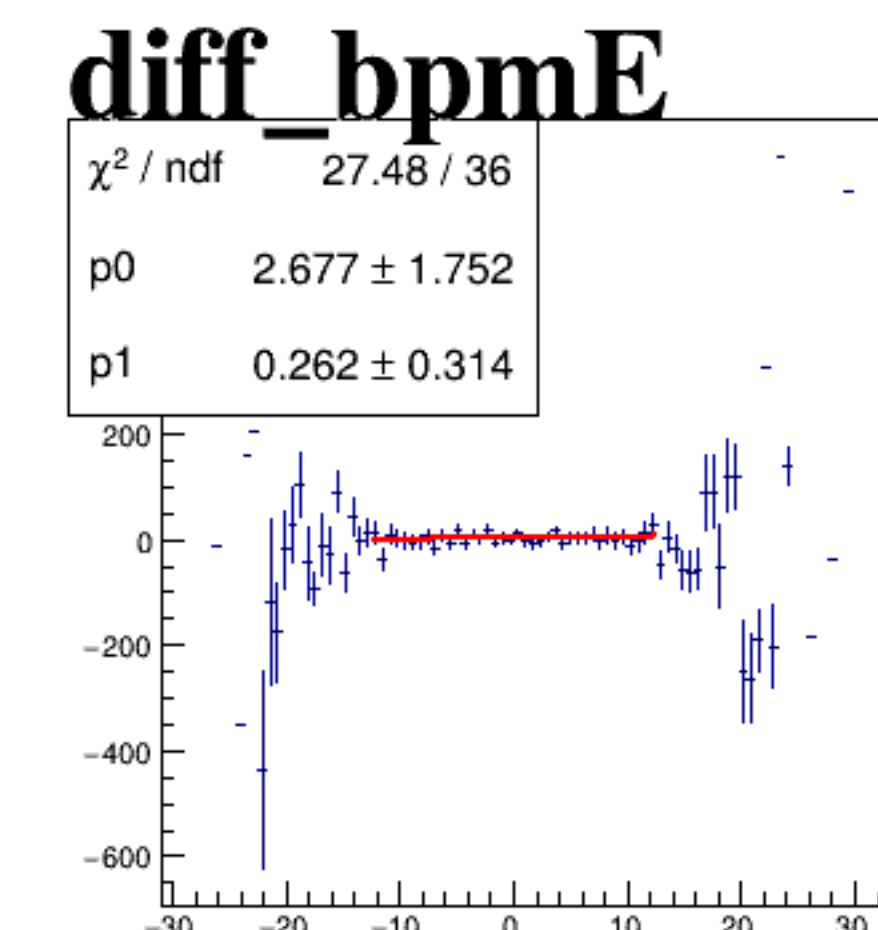
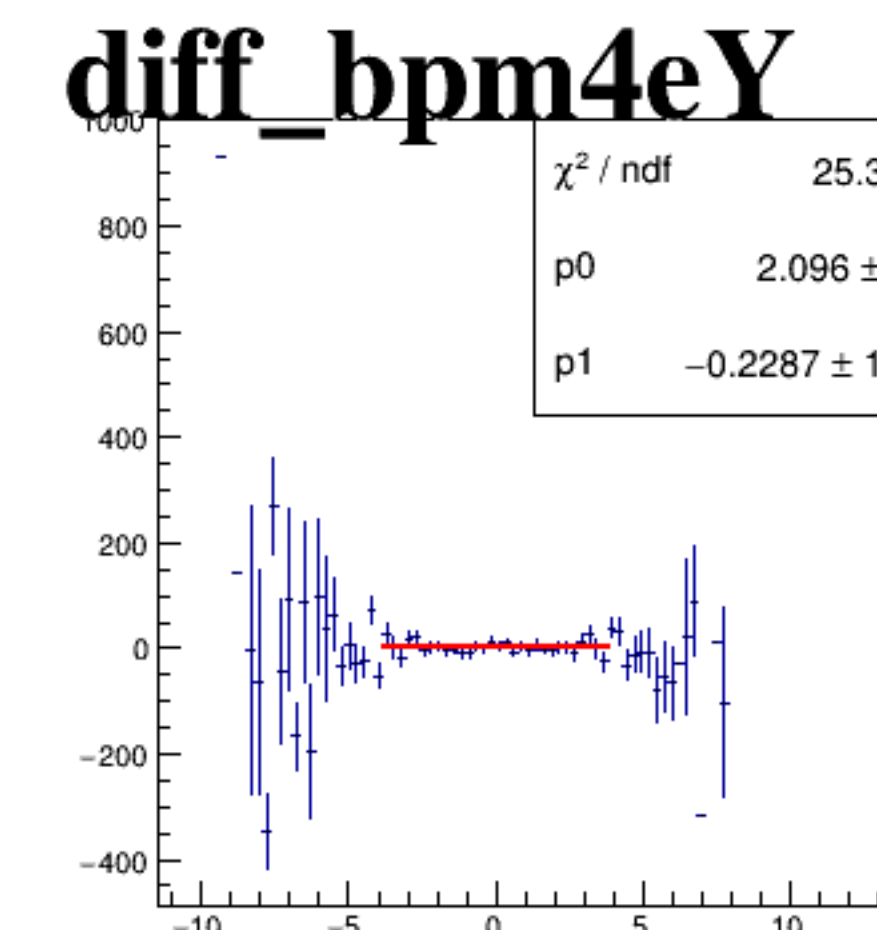
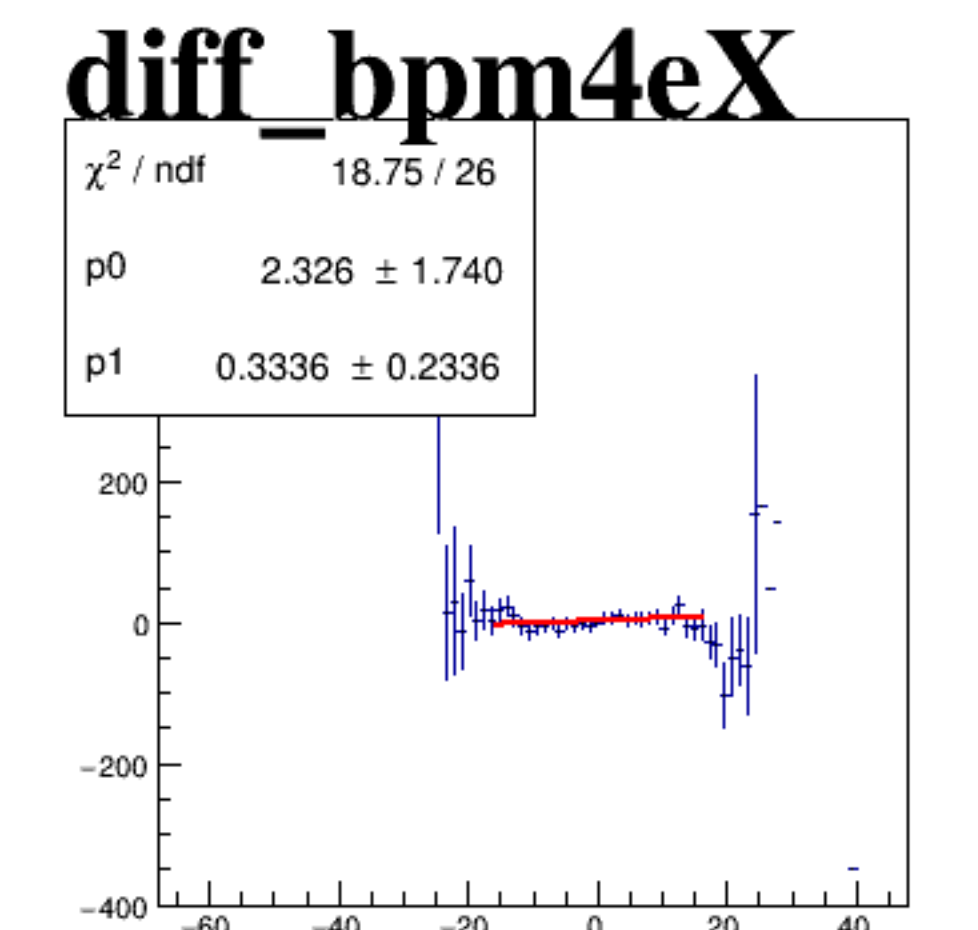
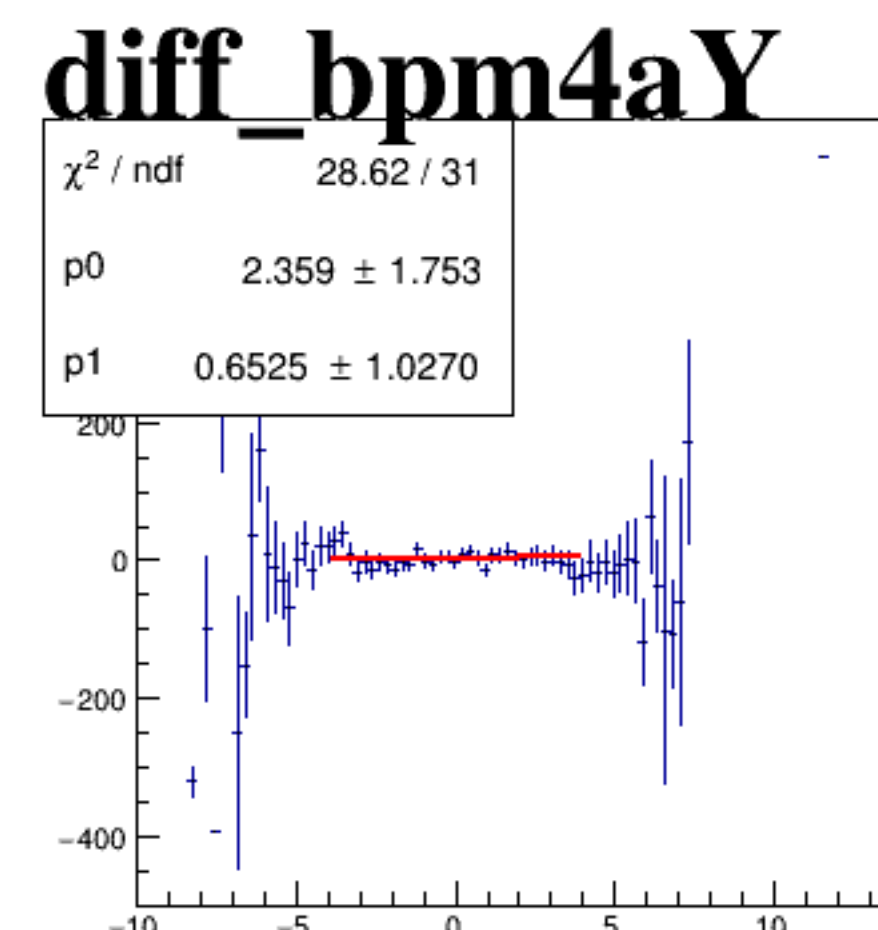
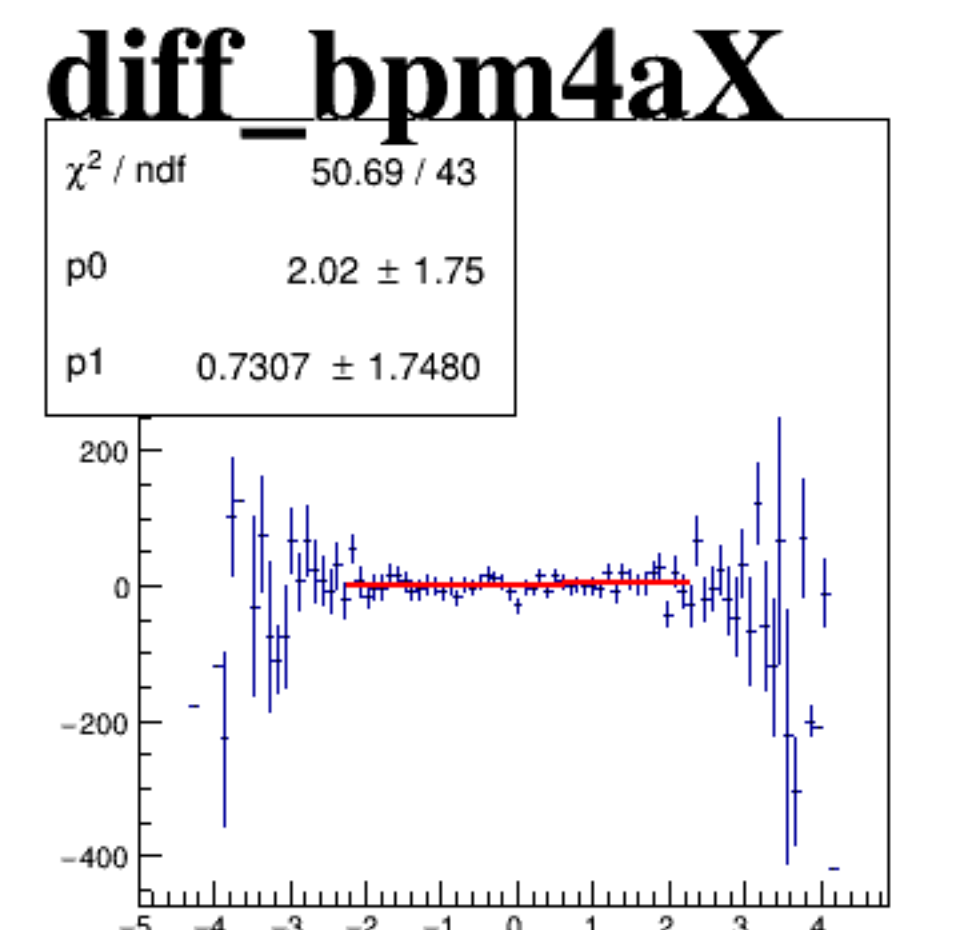
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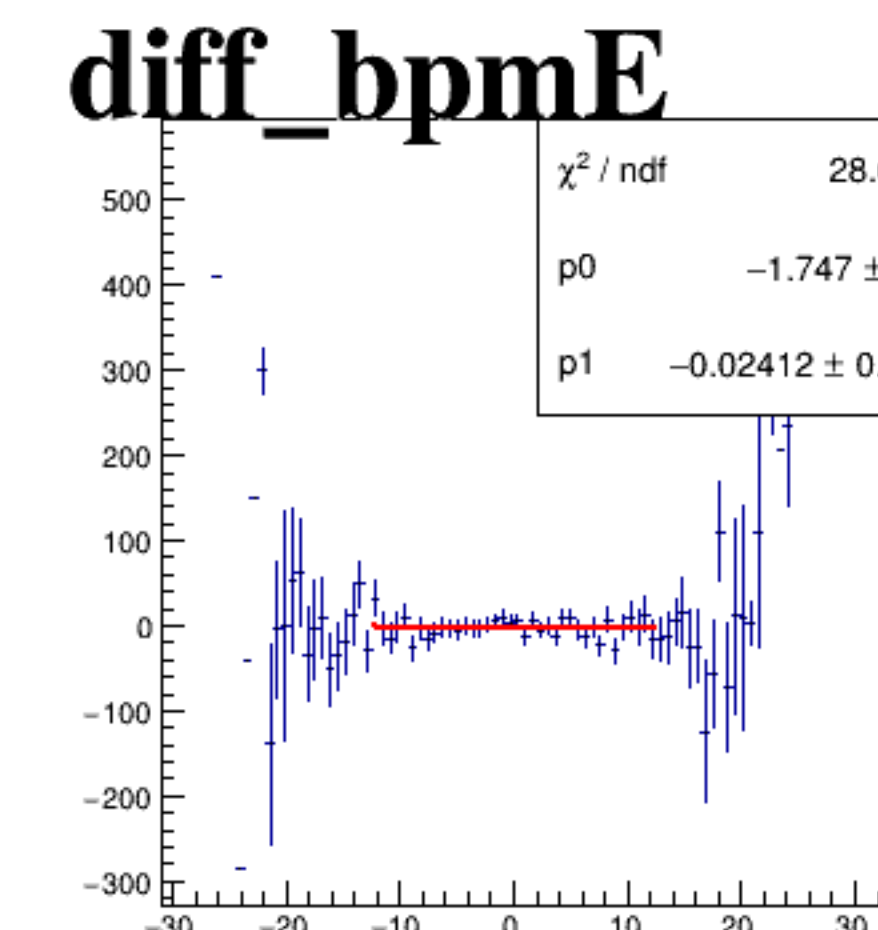
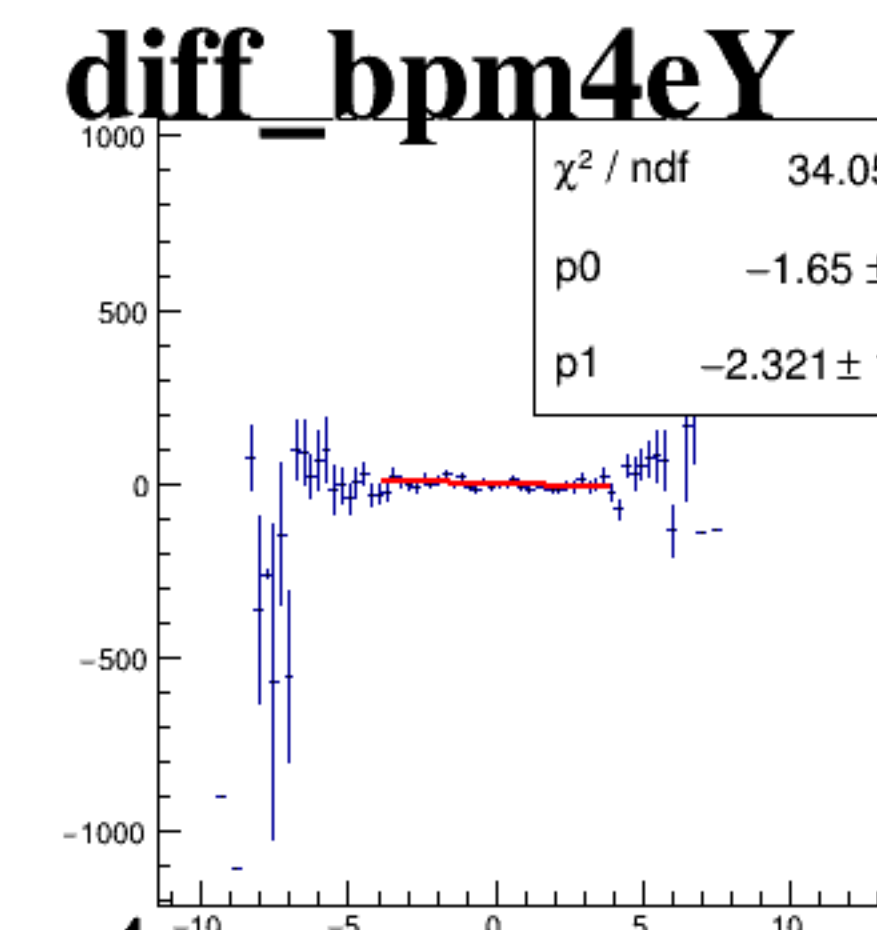
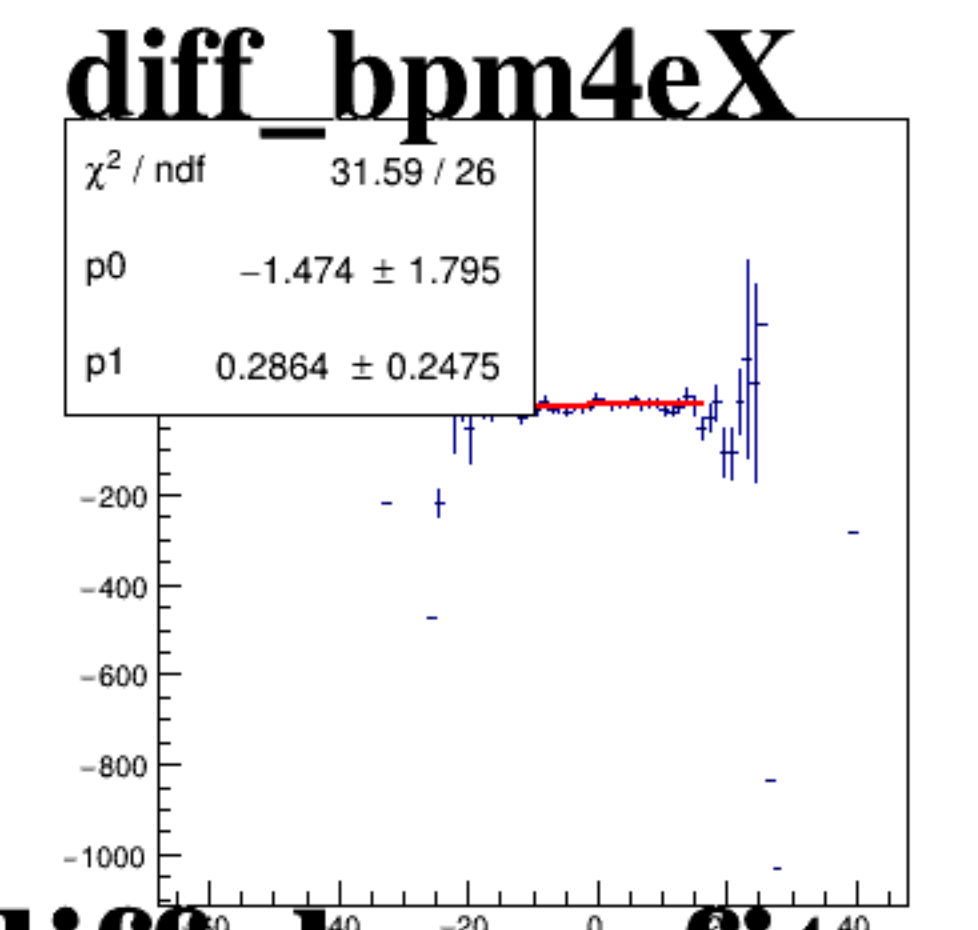
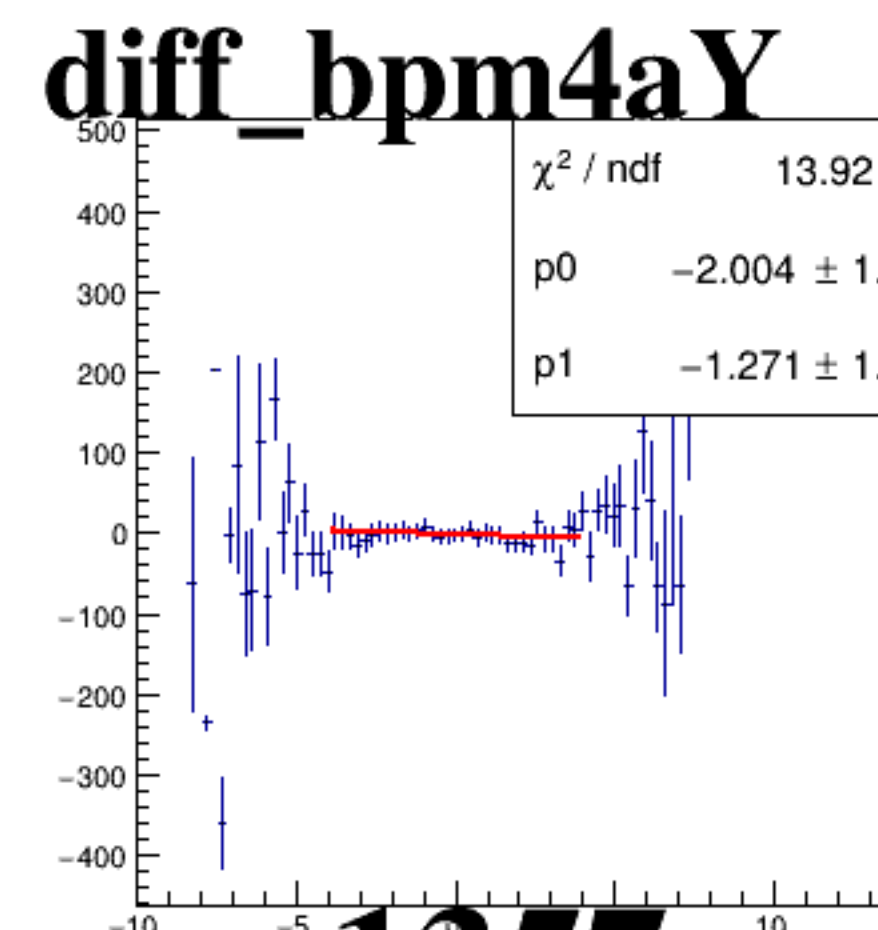
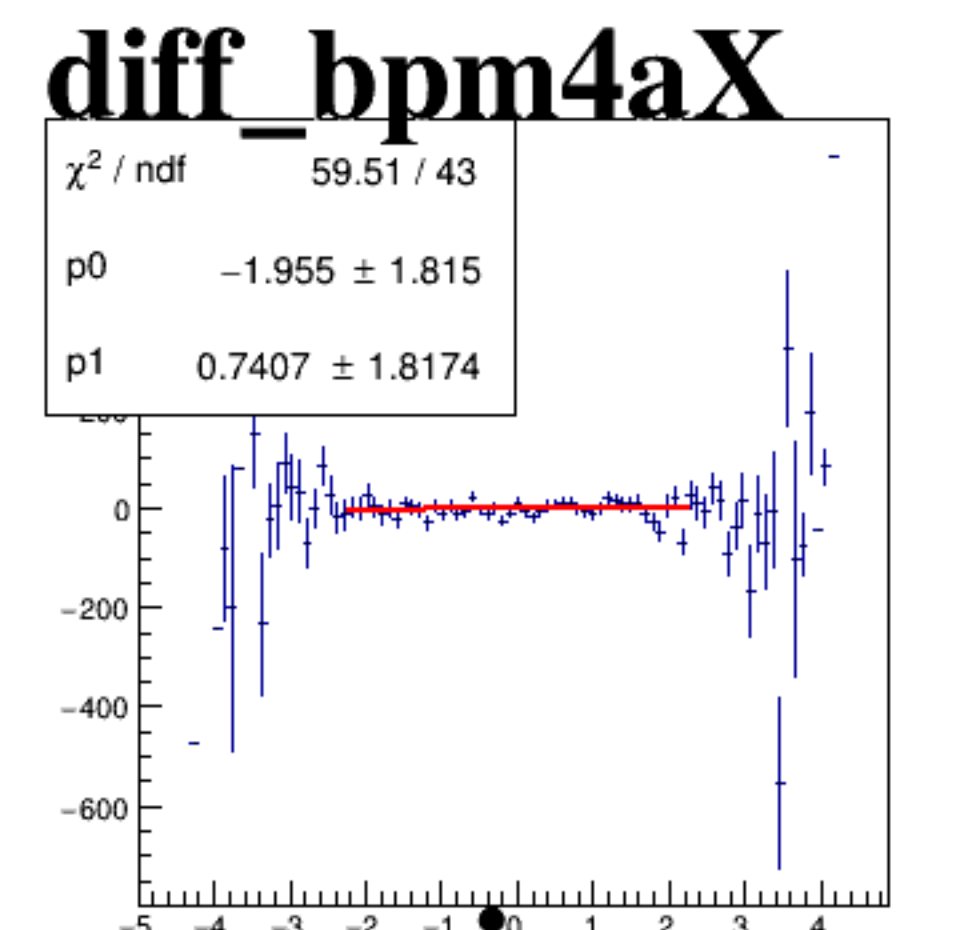
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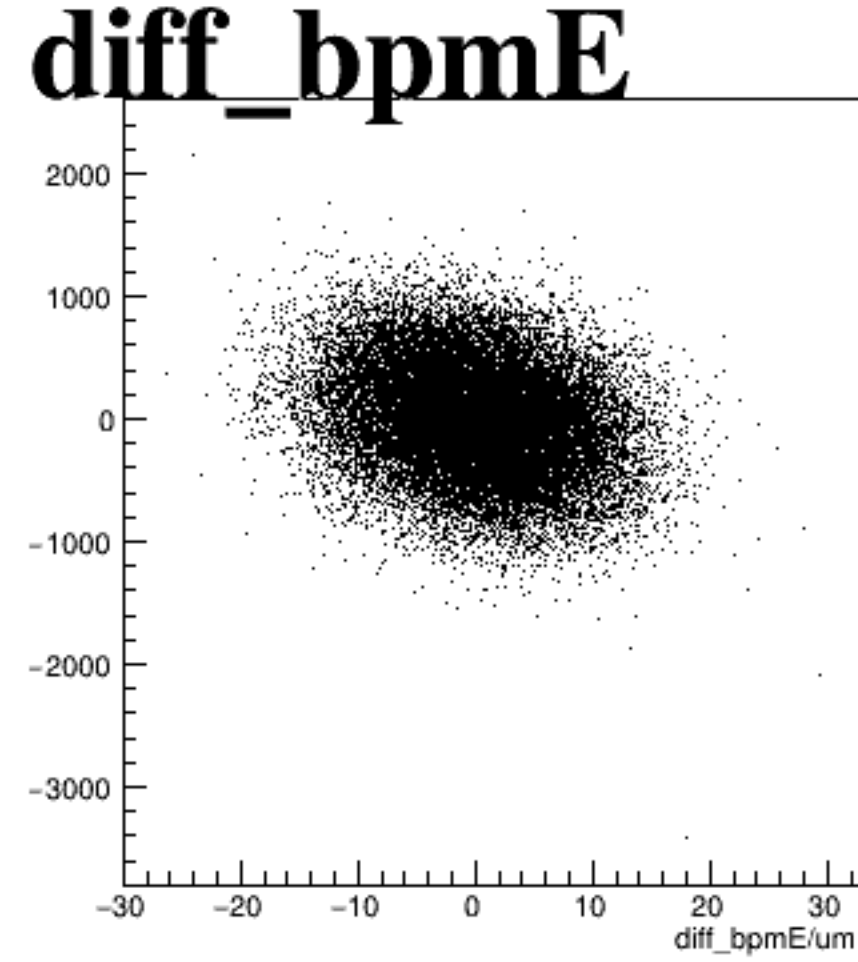
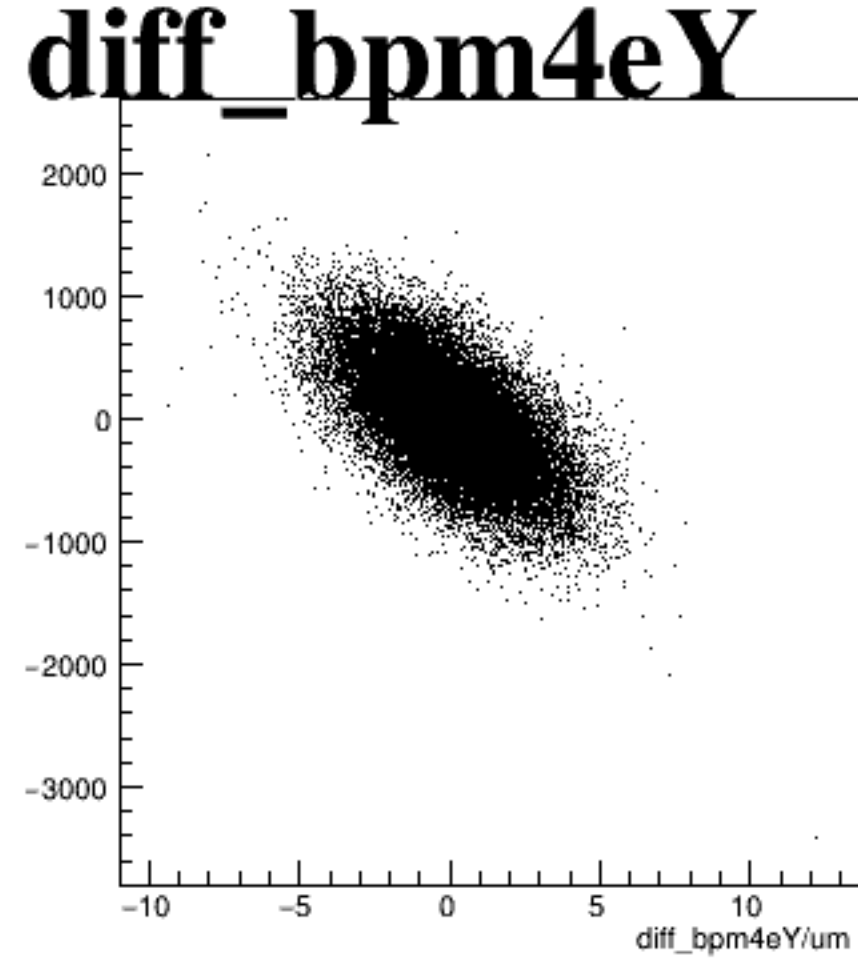
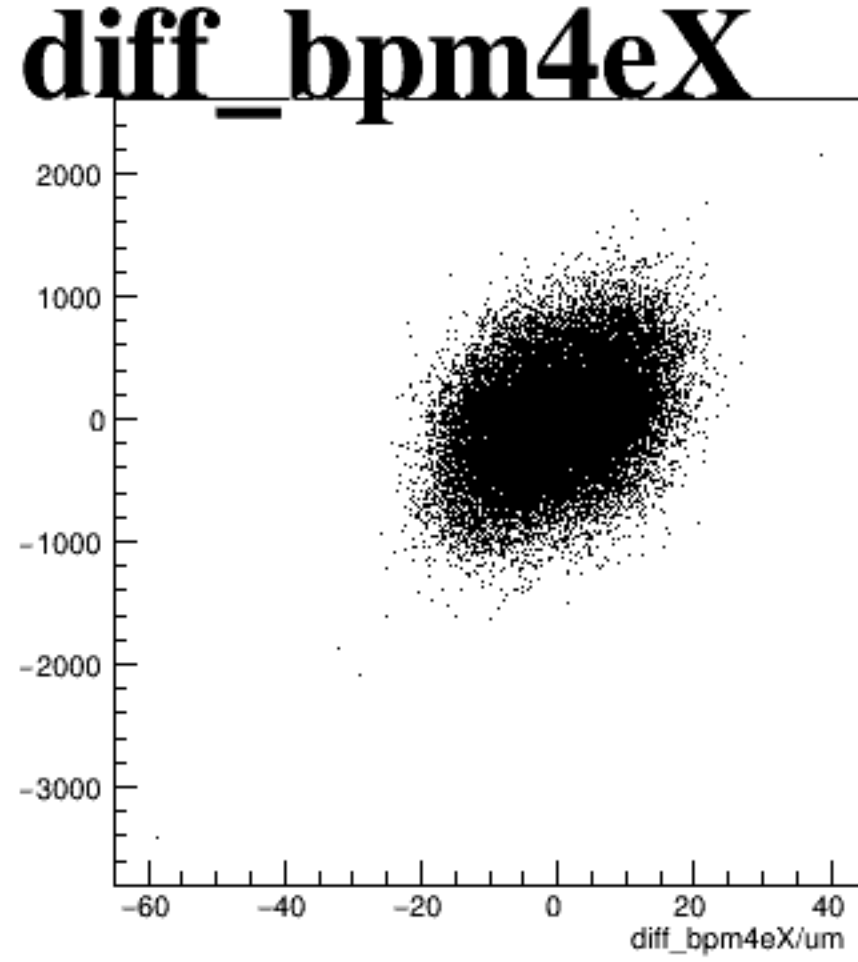
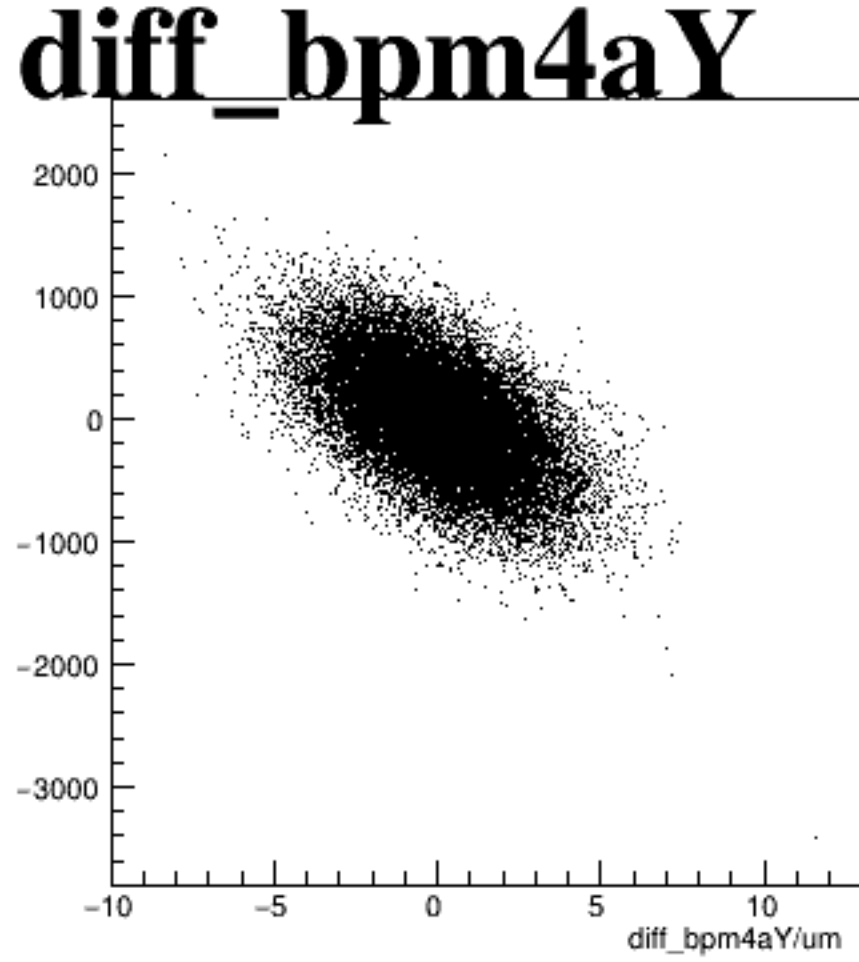
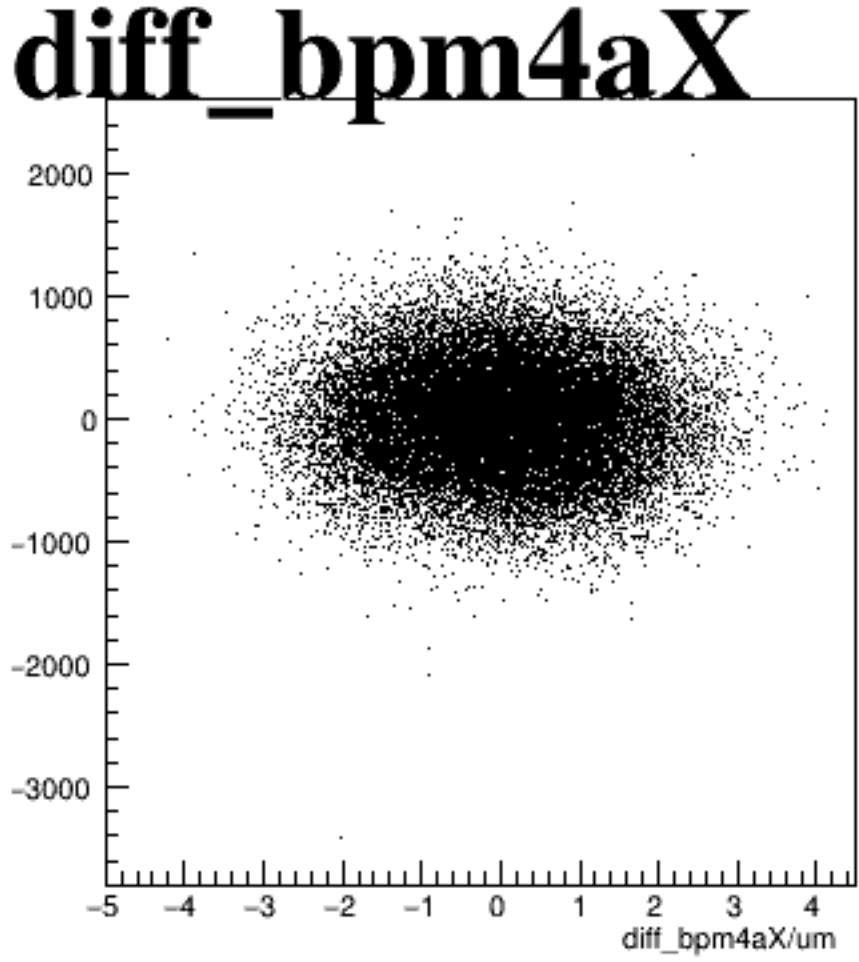
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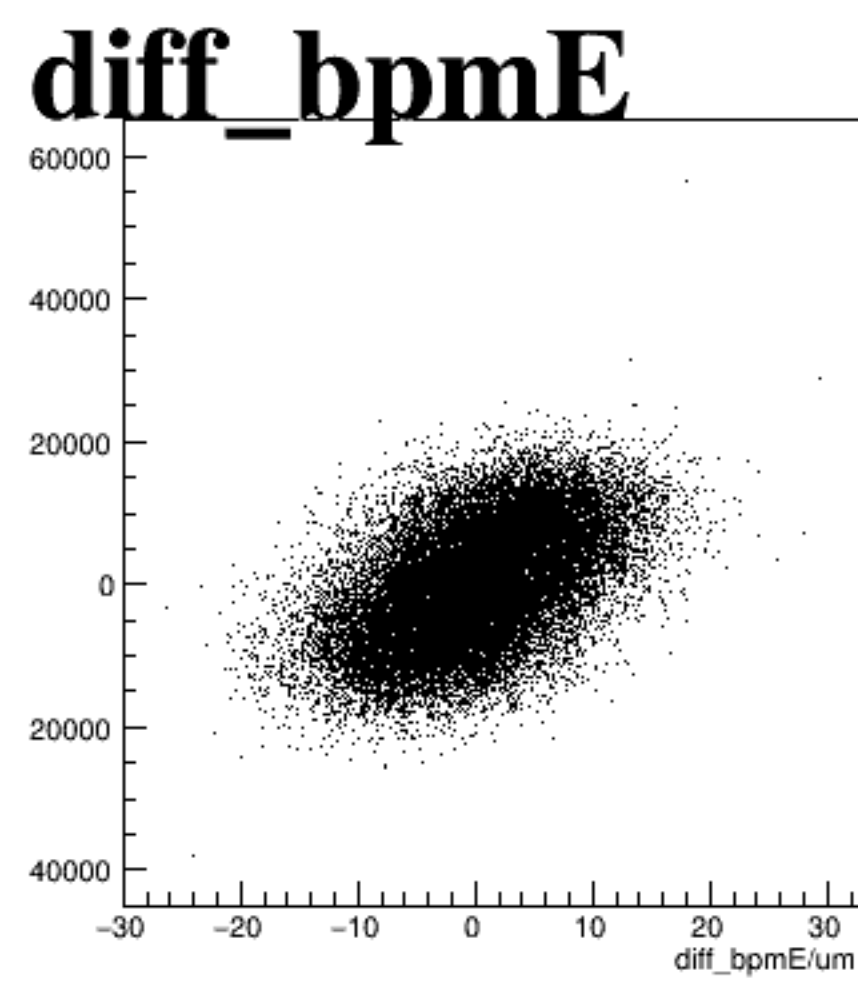
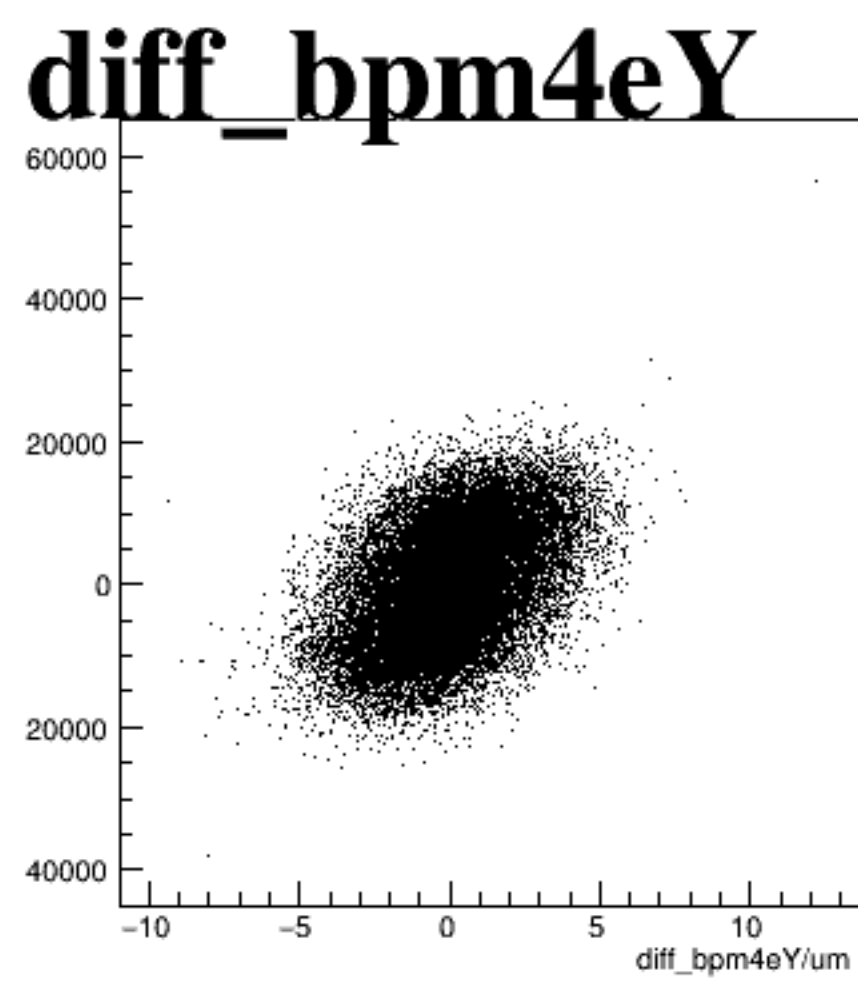
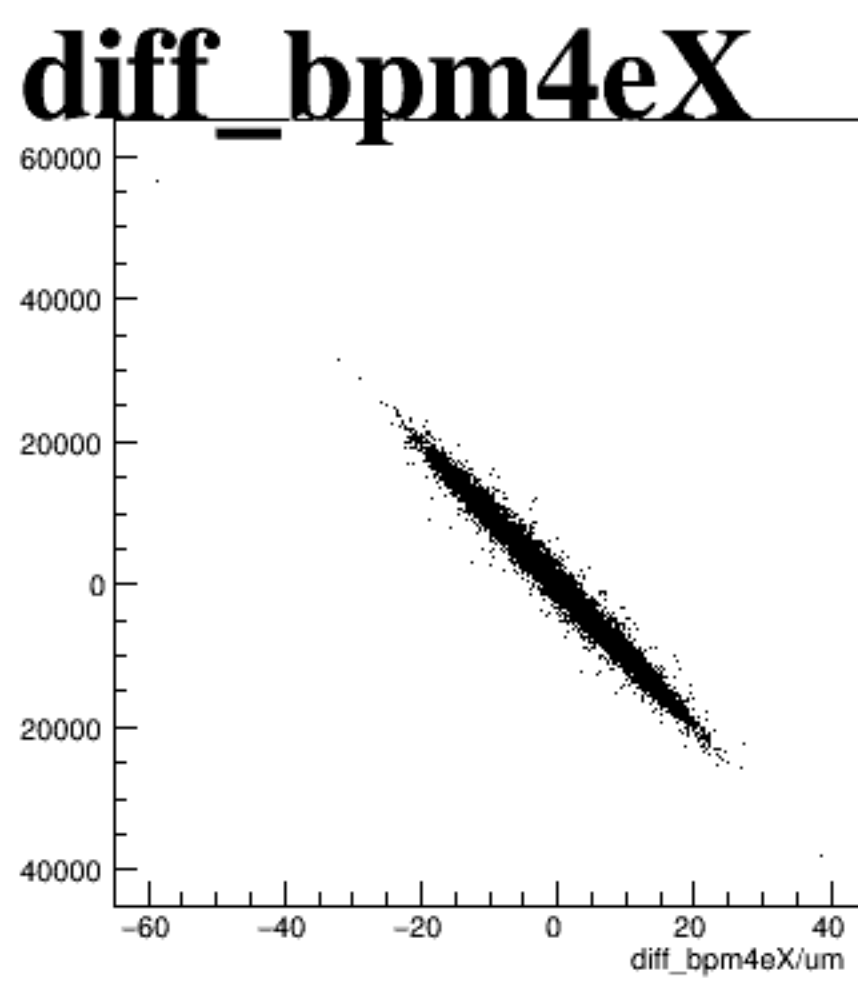
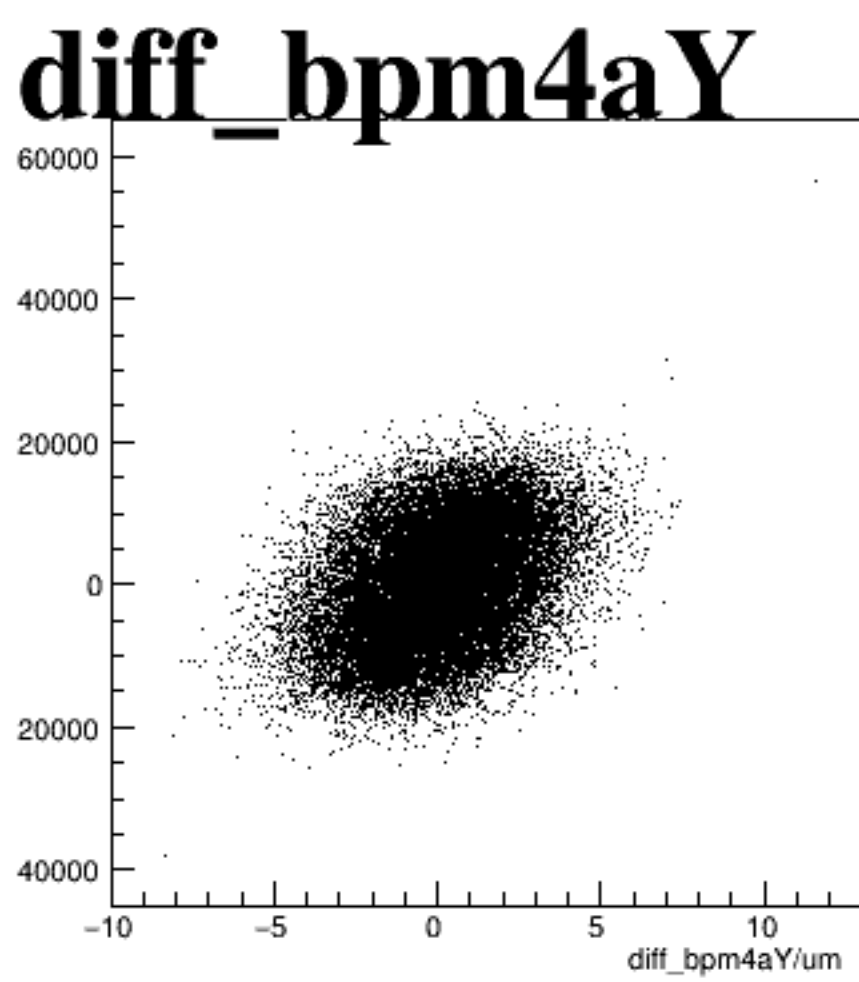
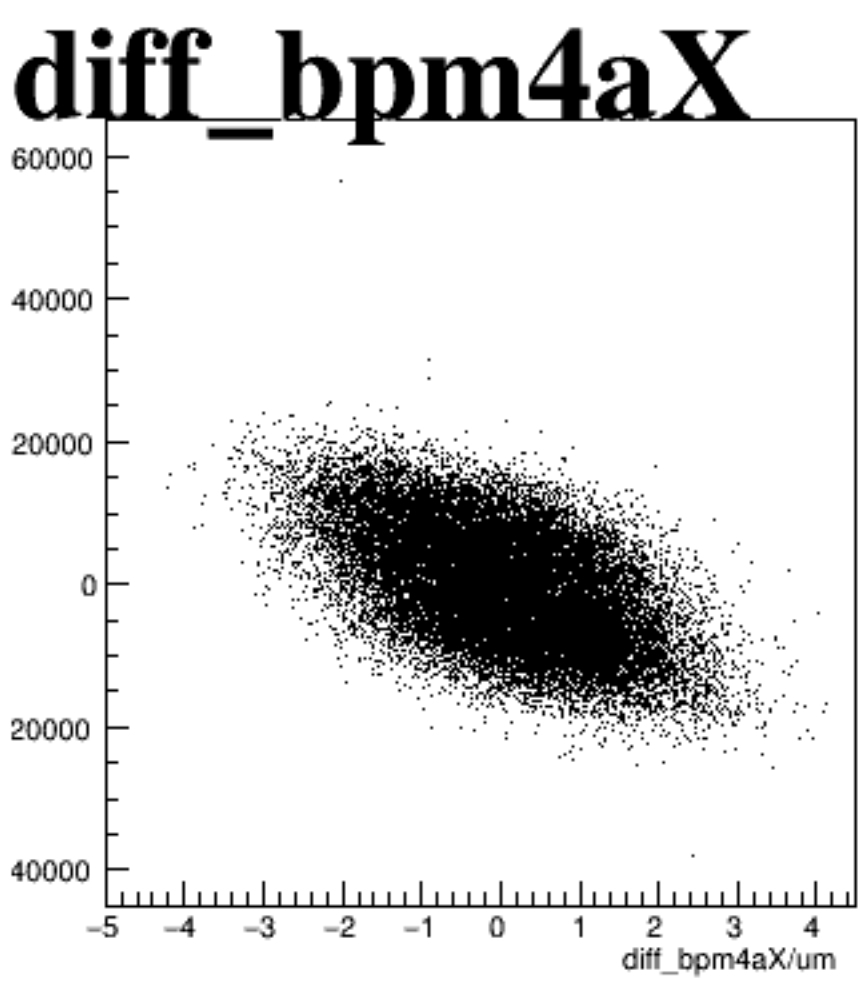
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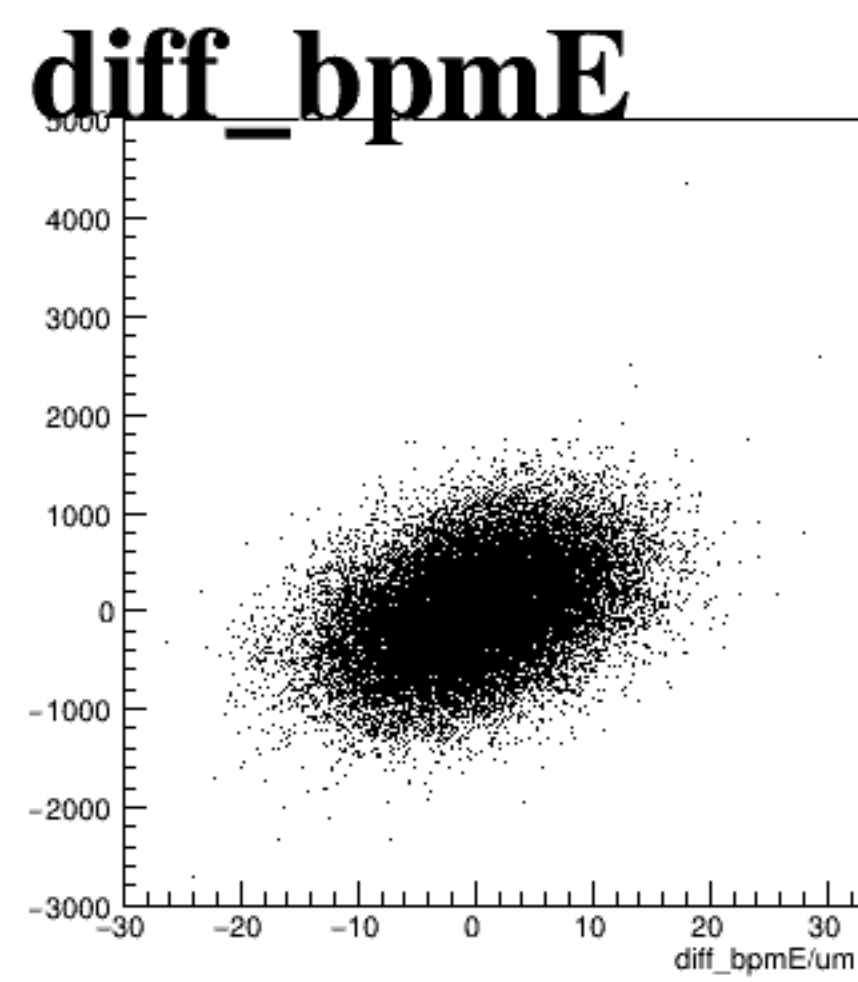
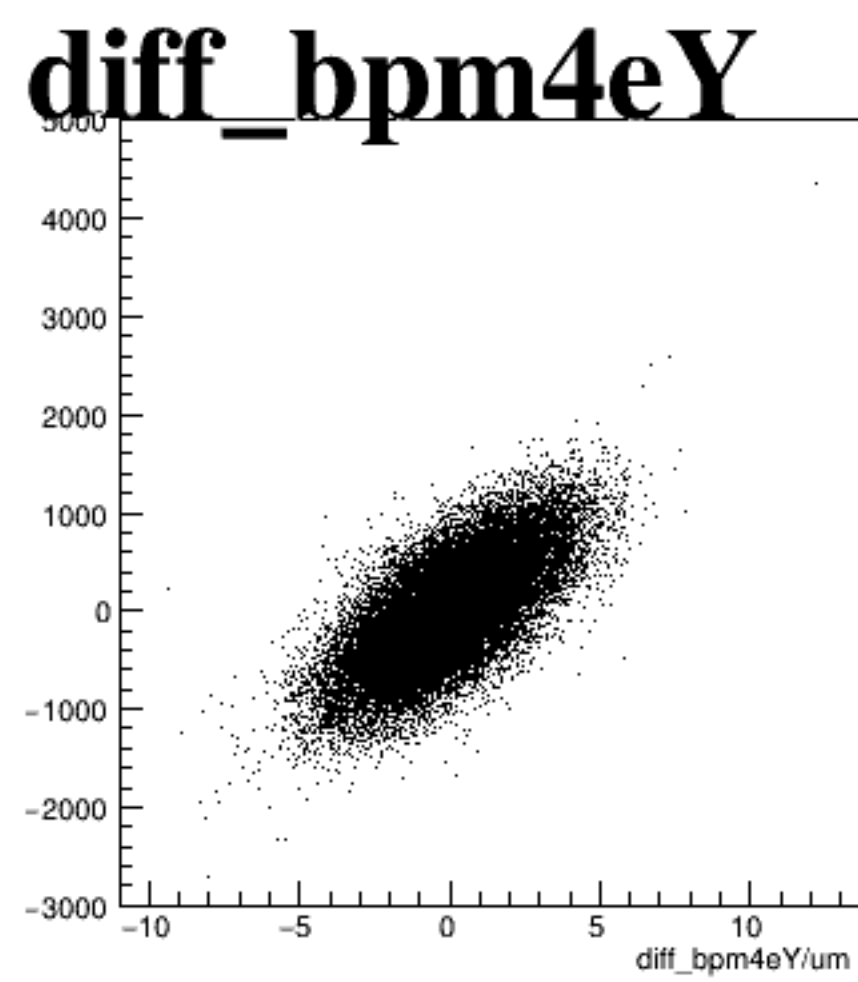
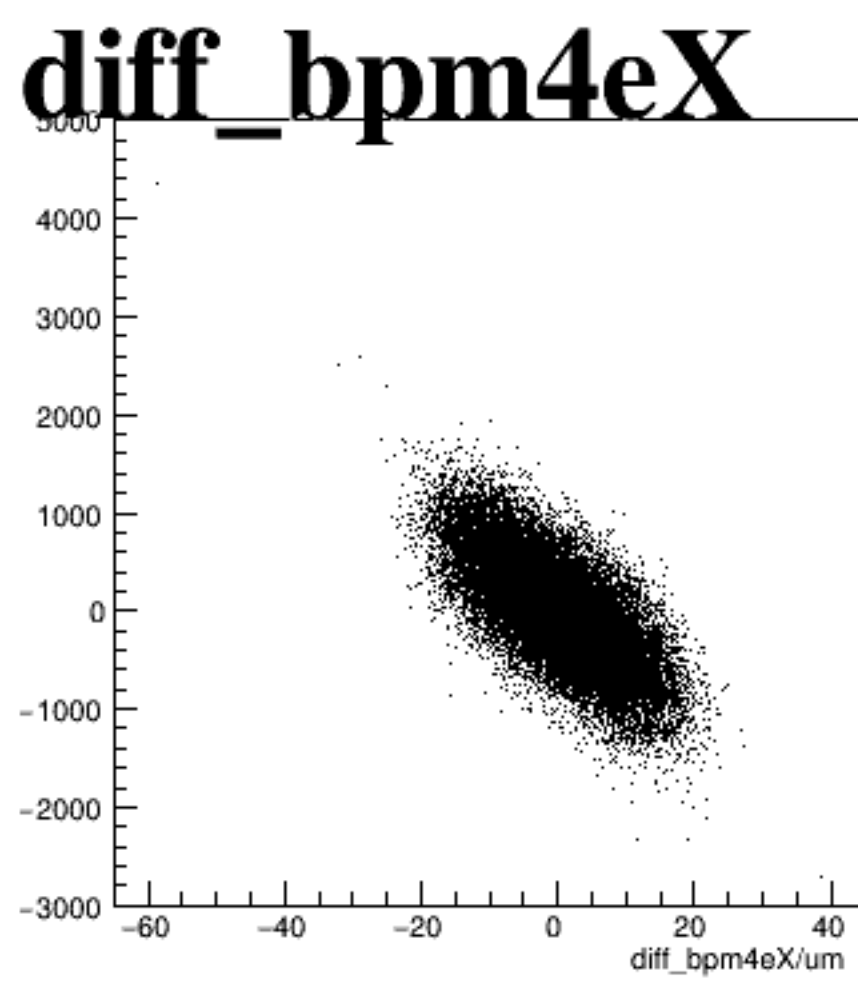
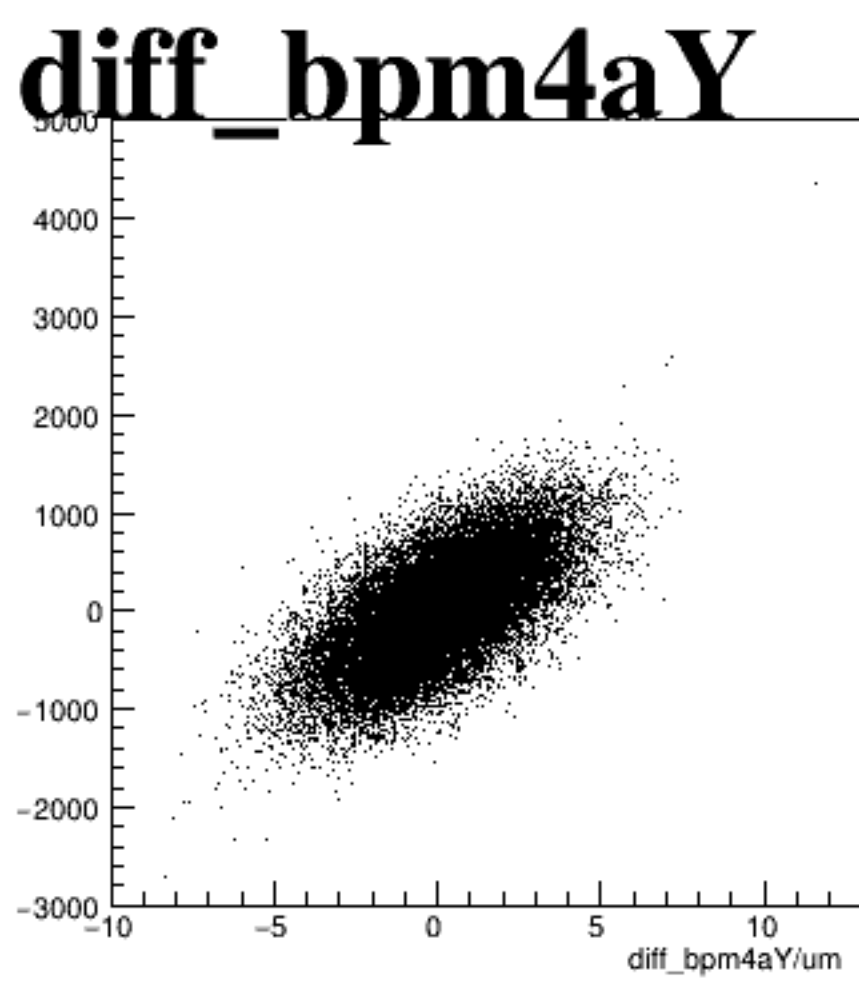
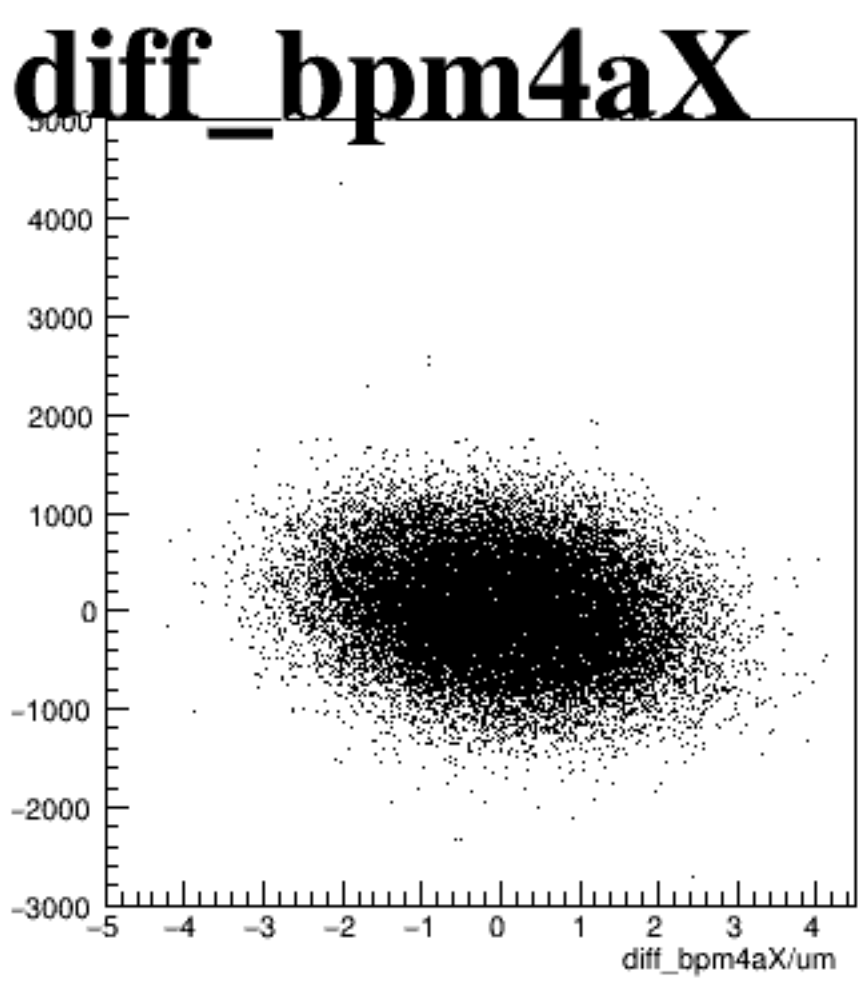
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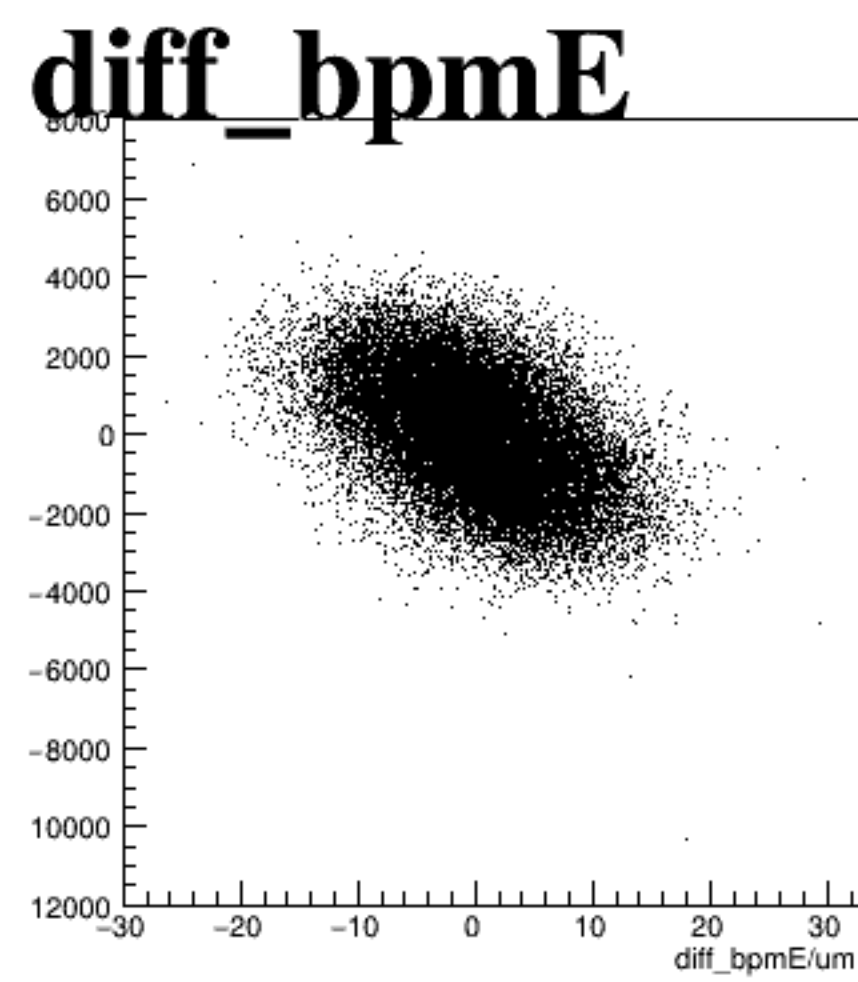
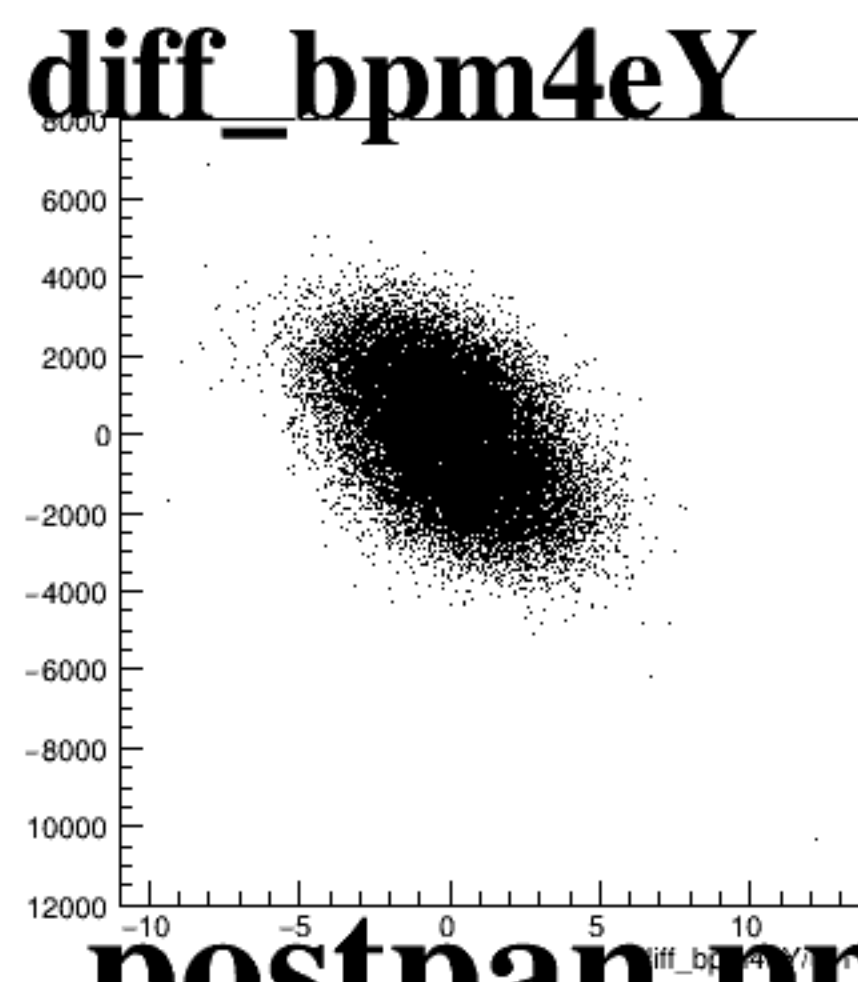
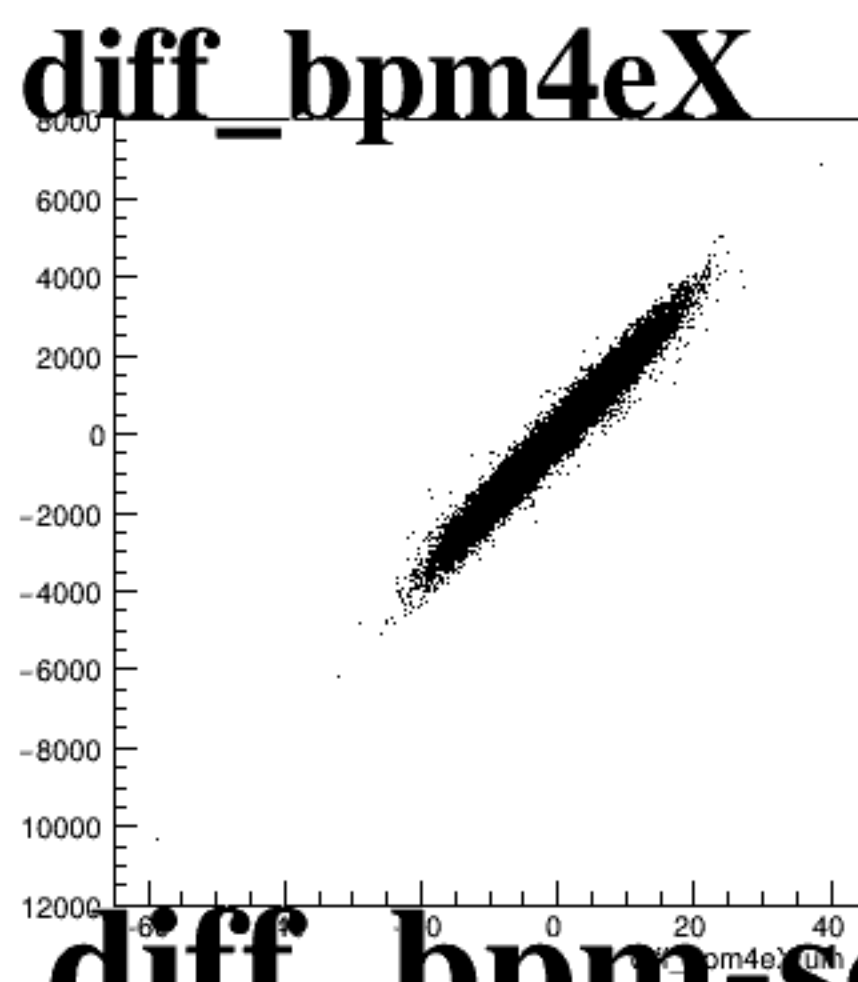
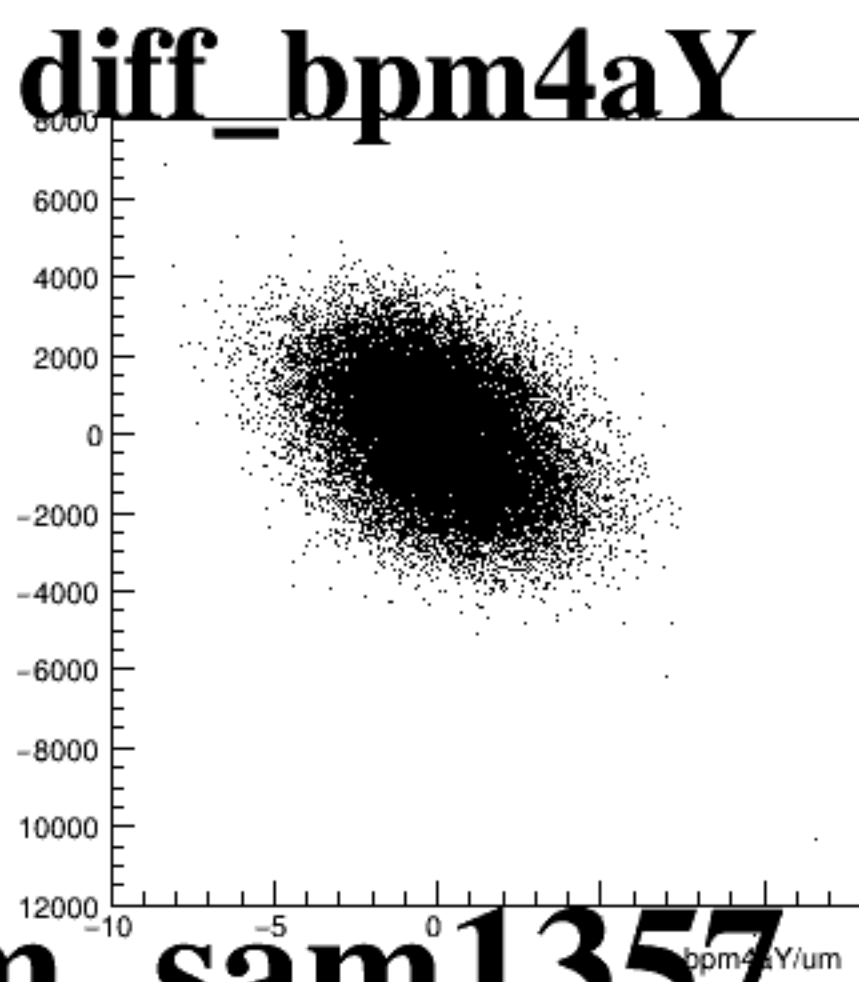
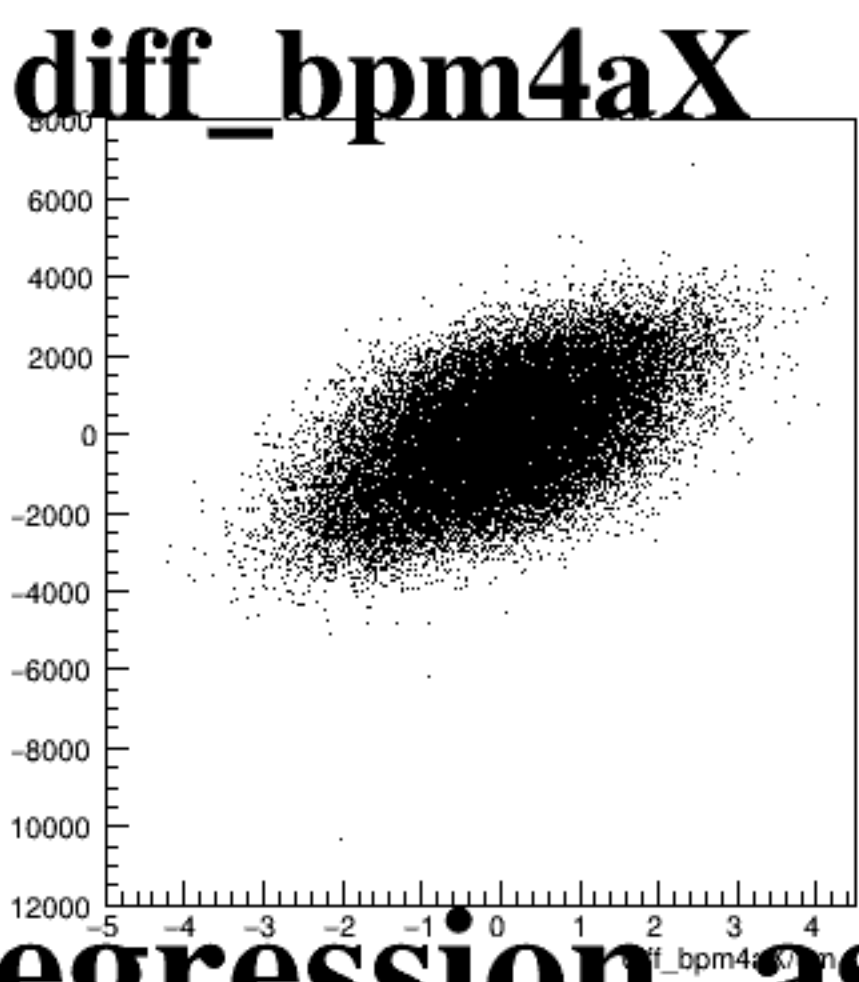
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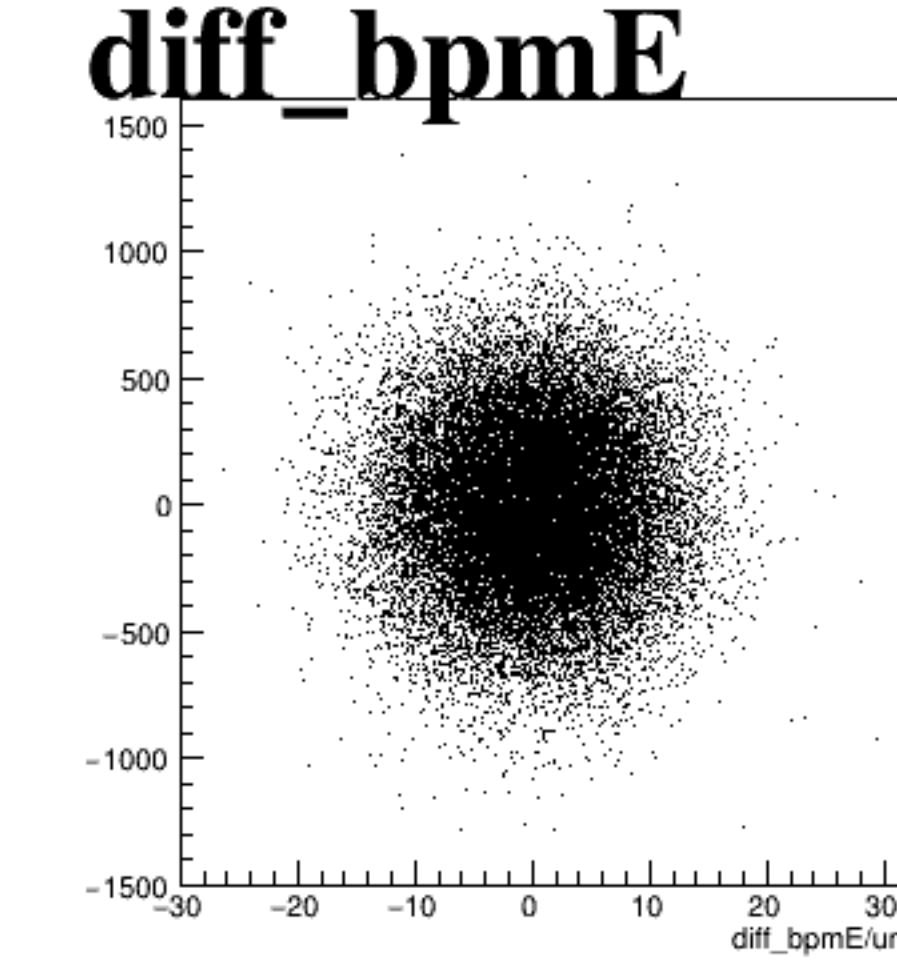
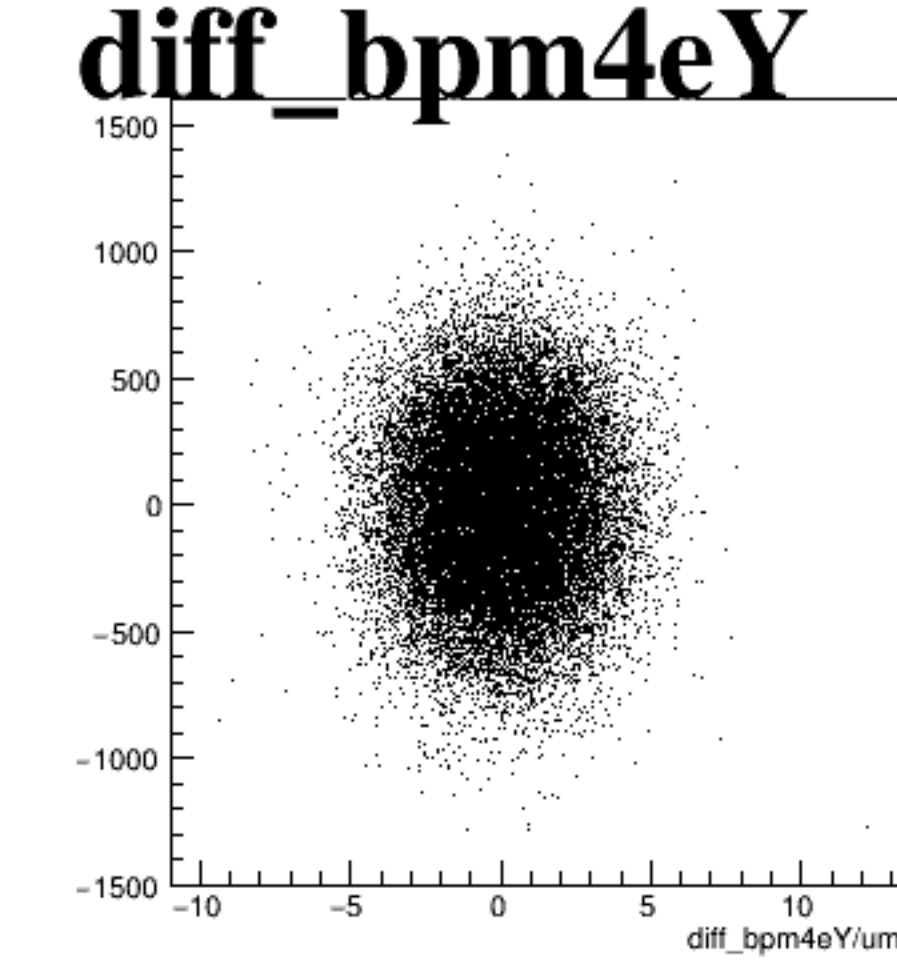
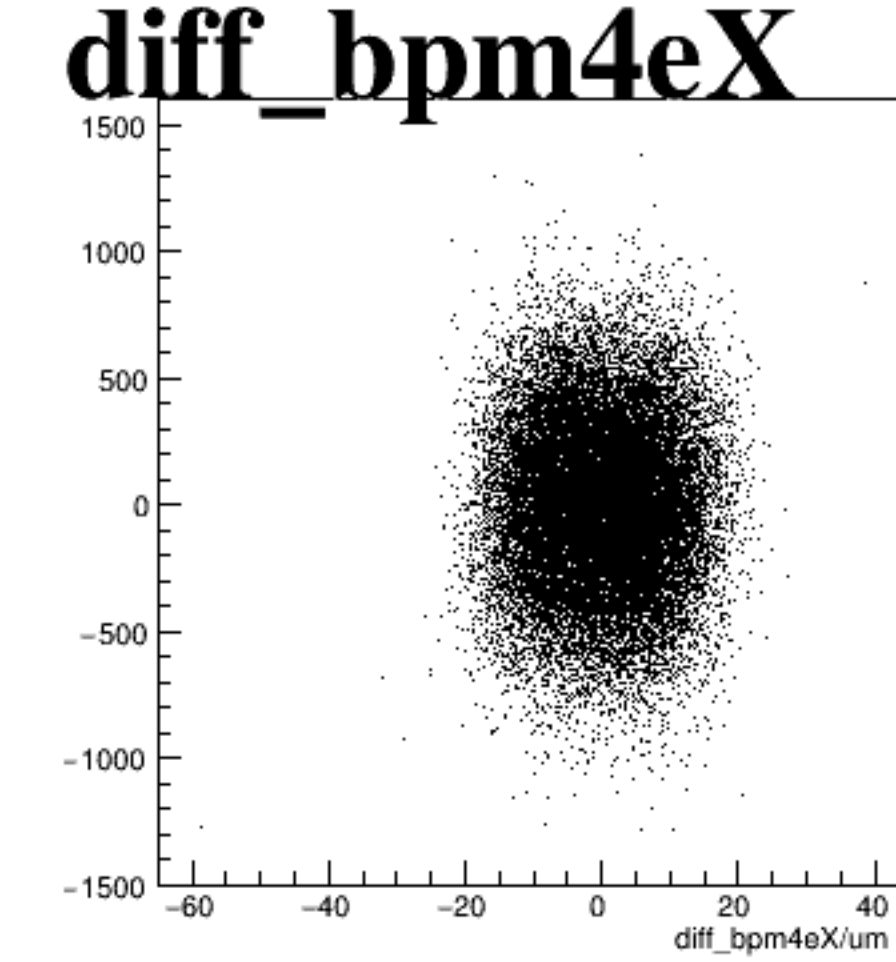
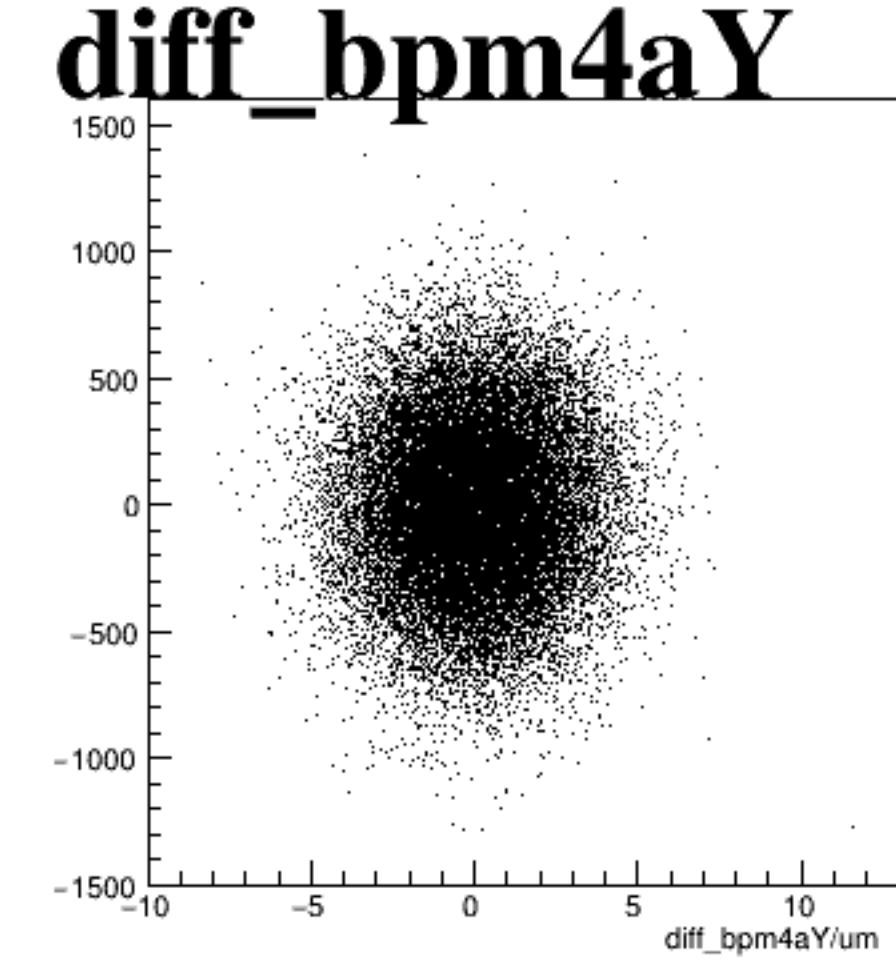
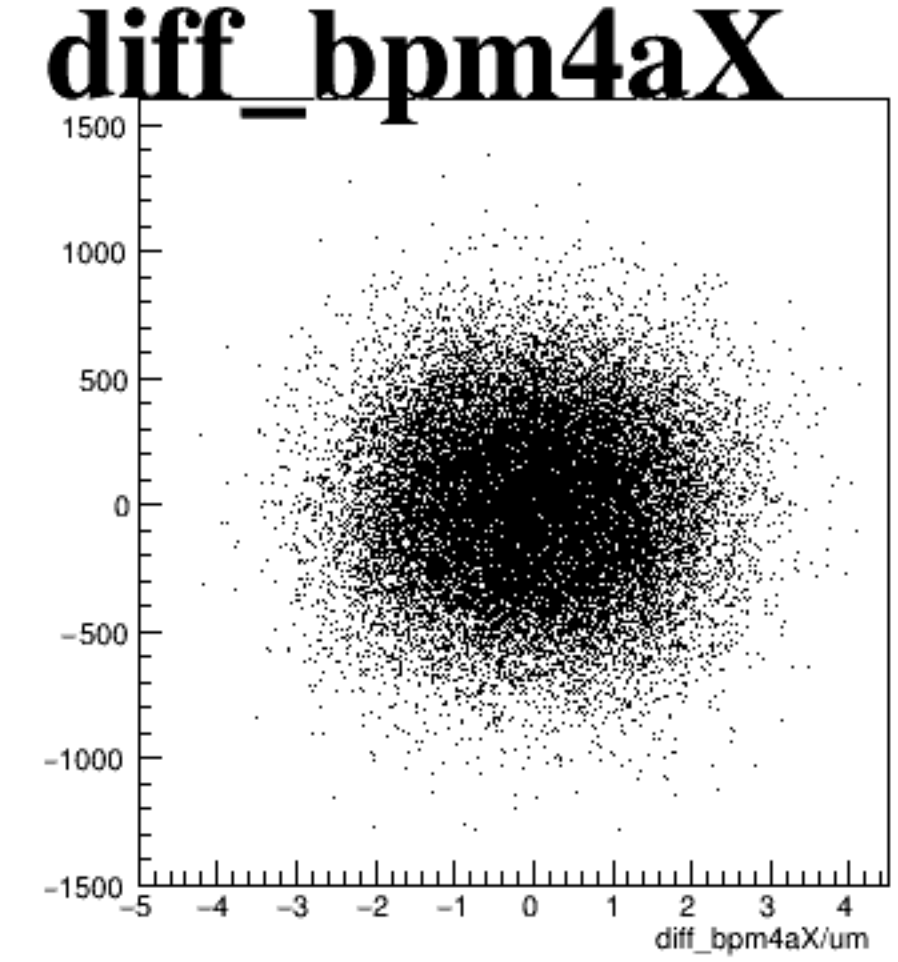
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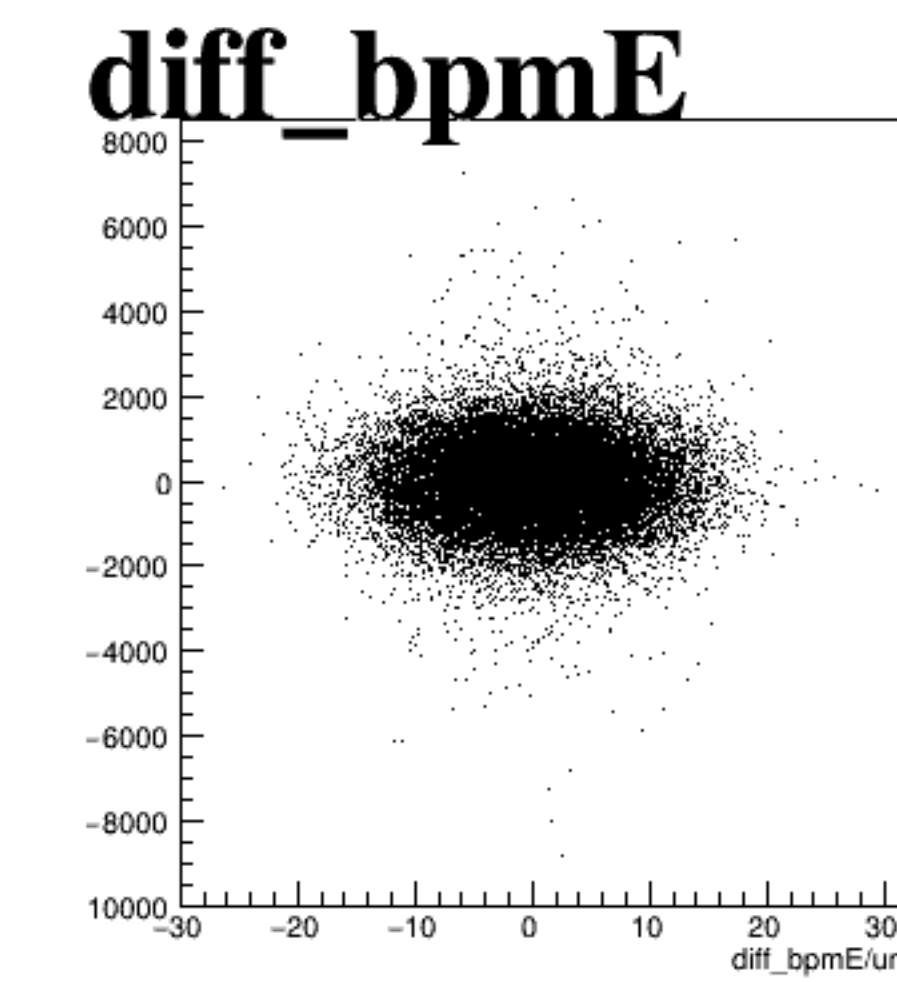
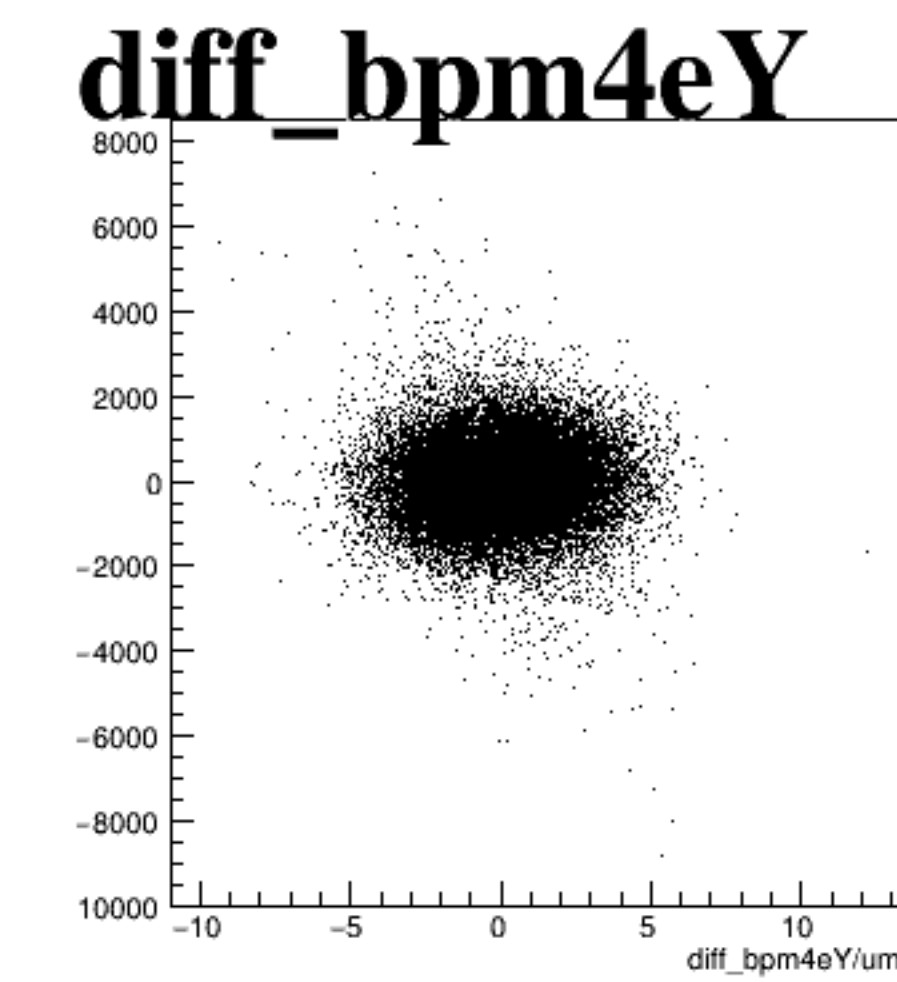
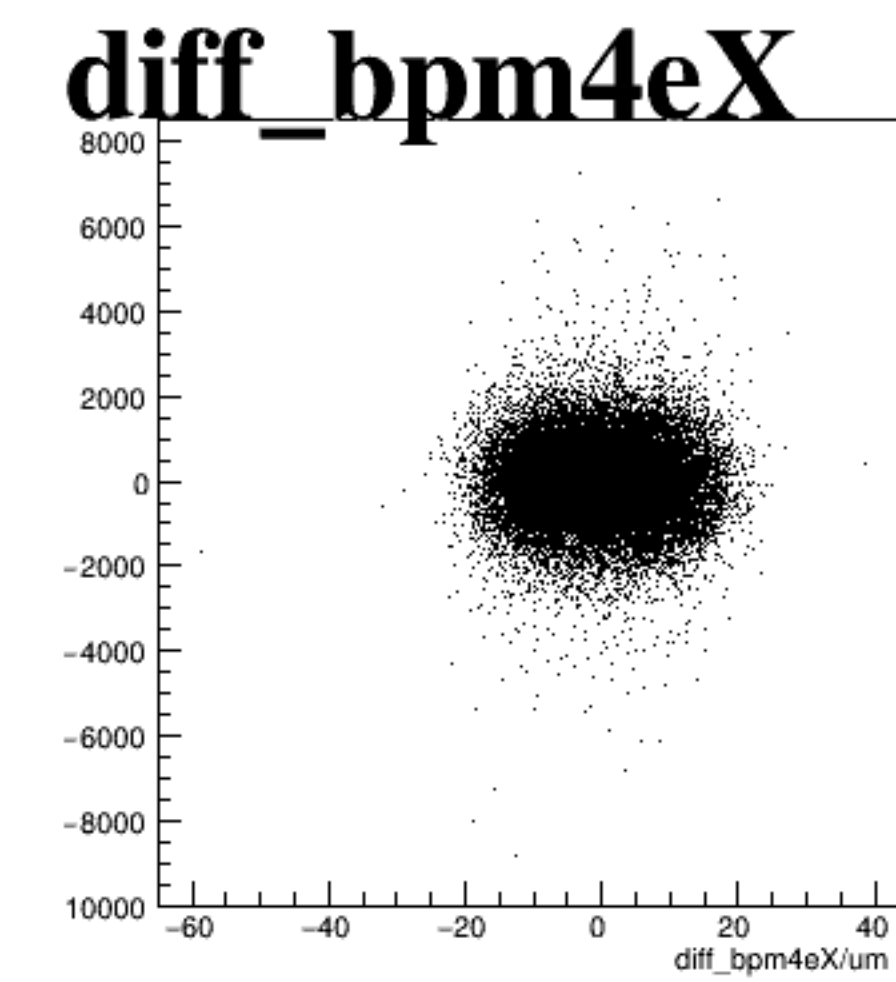
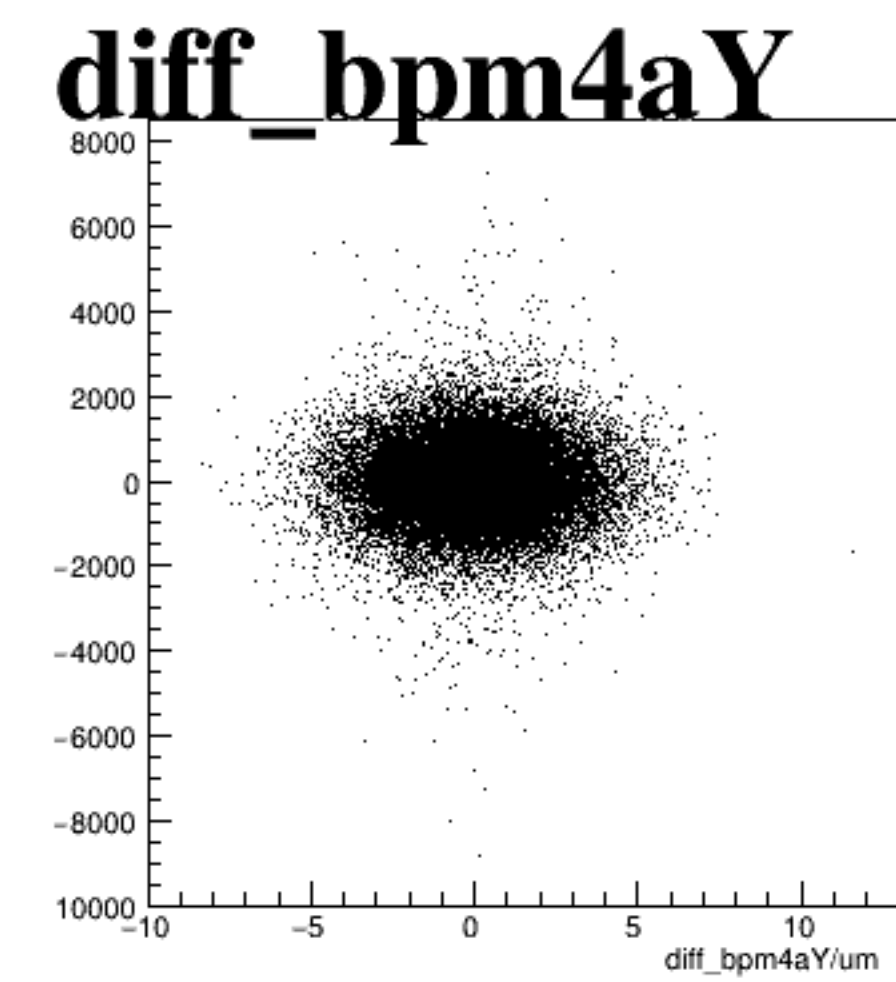
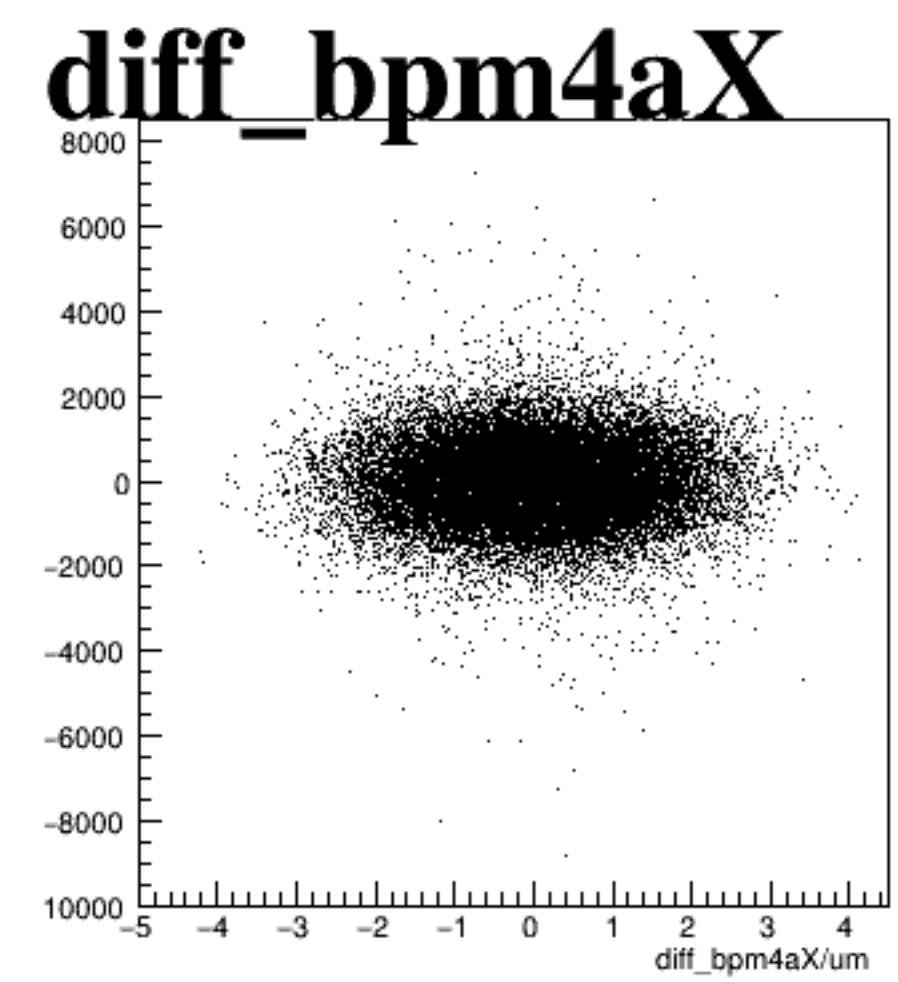
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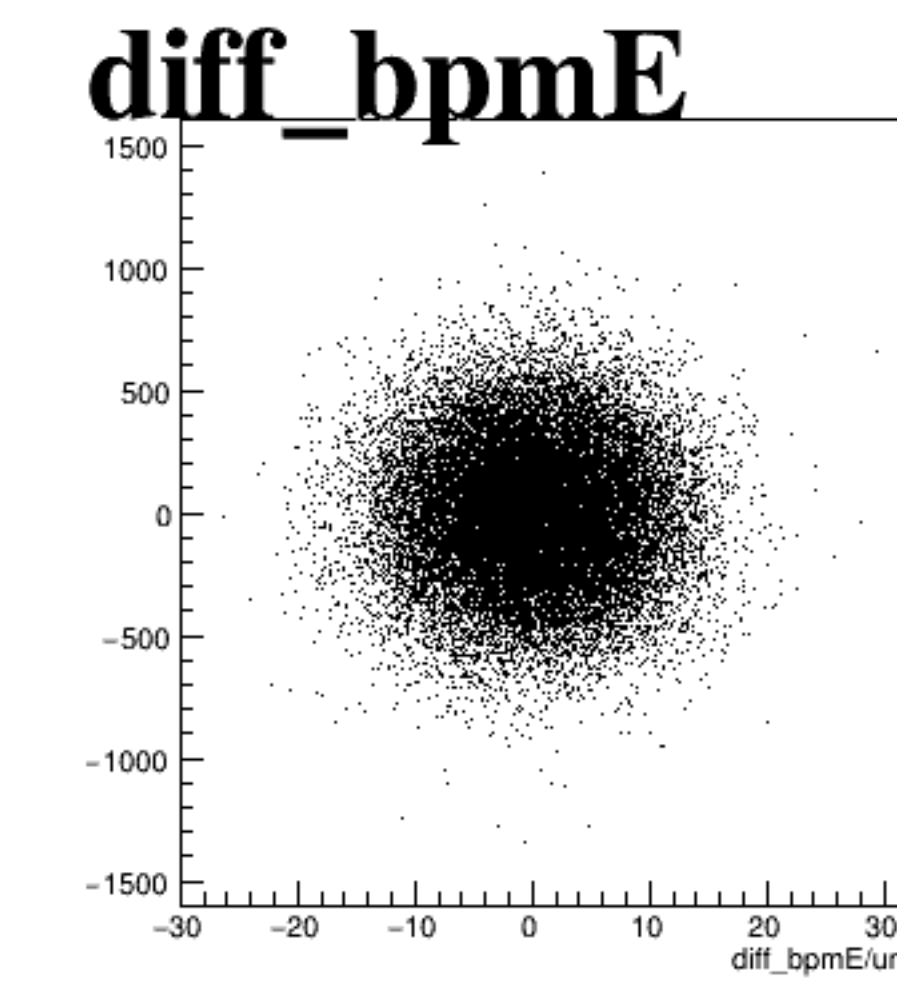
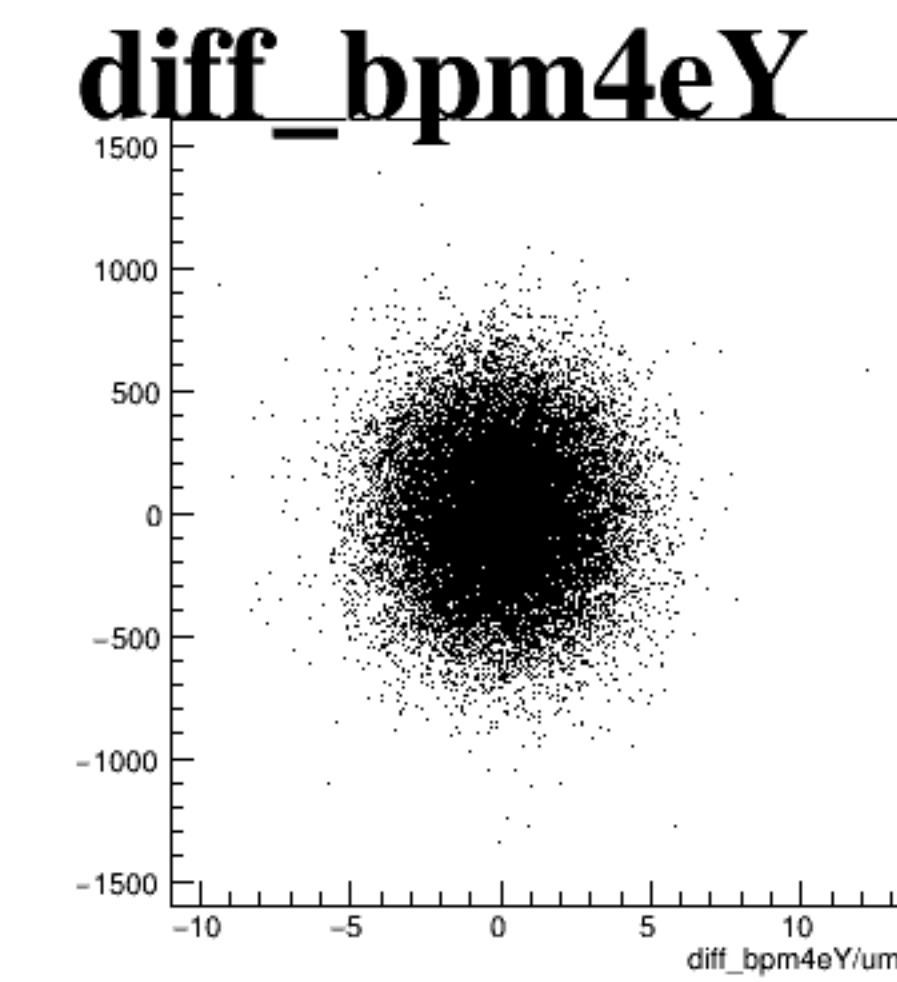
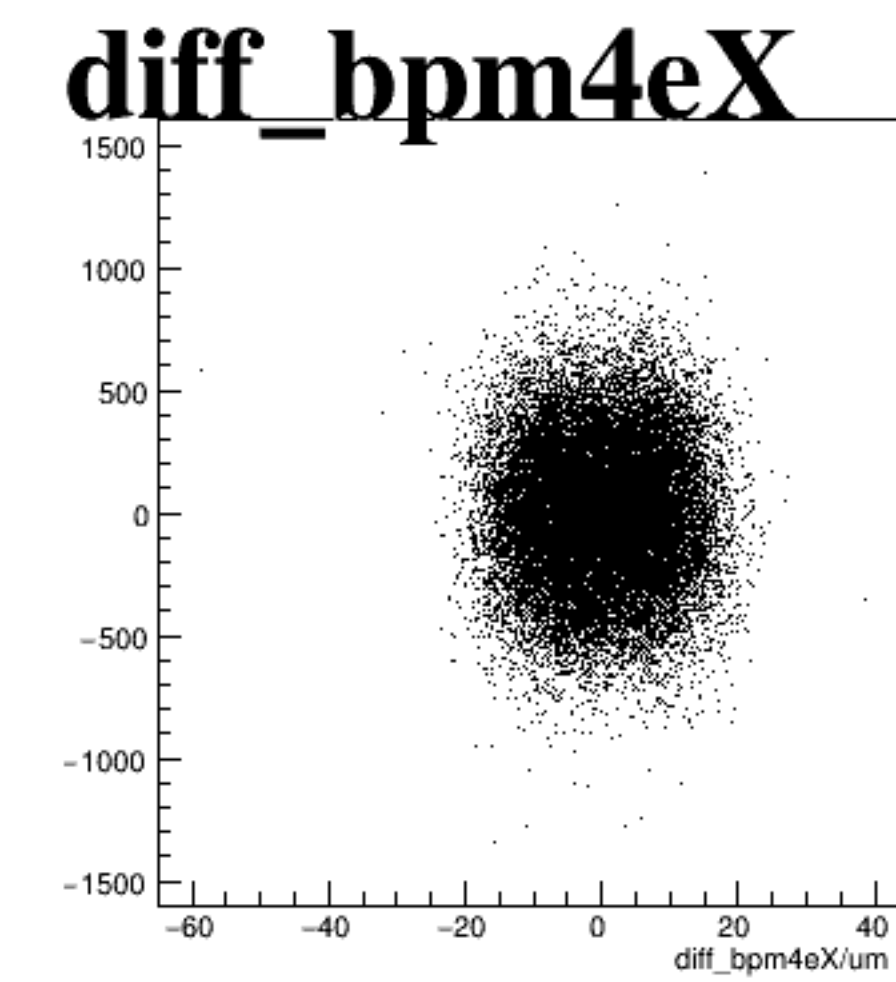
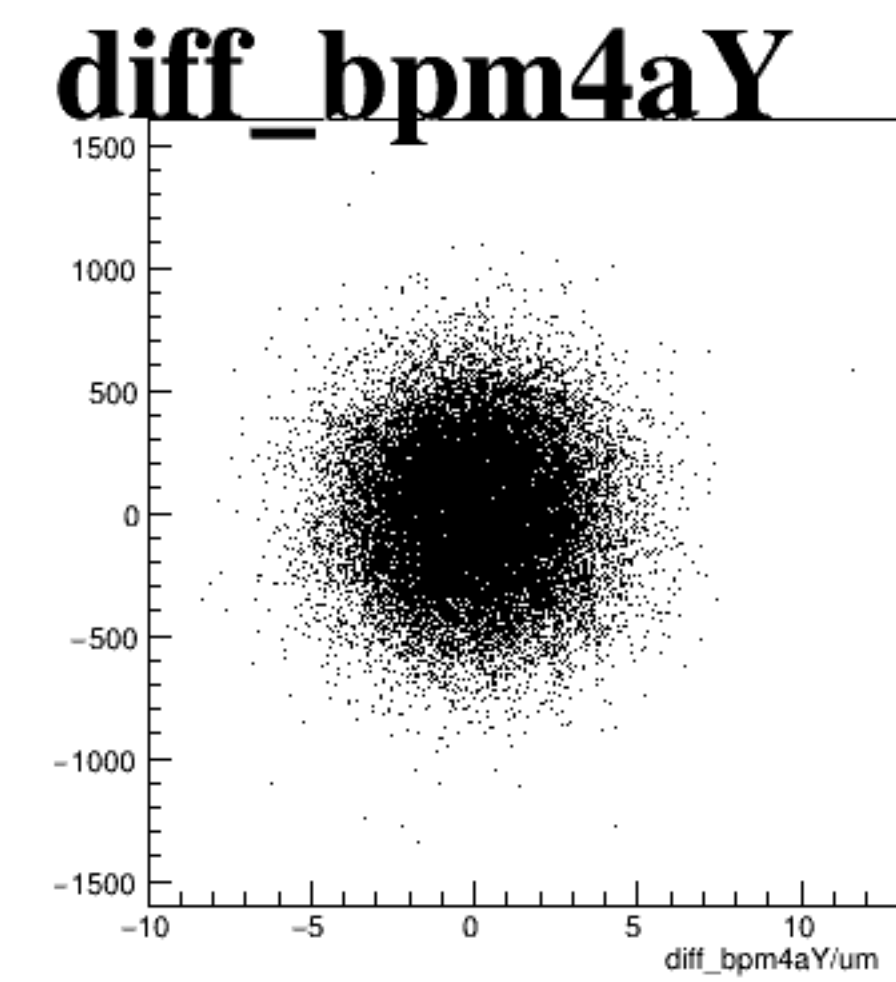
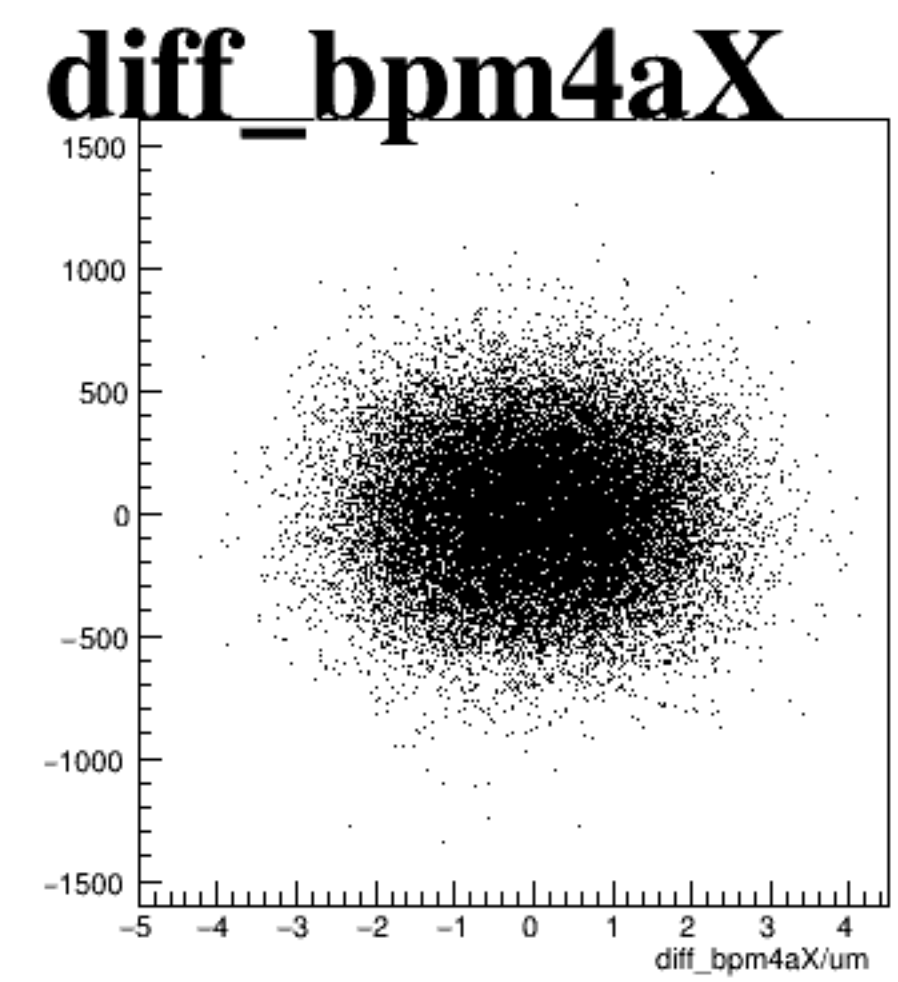
reg_asym_sam1



reg_asym_sam3



reg_asym_sam5



reg_asym_sam7

