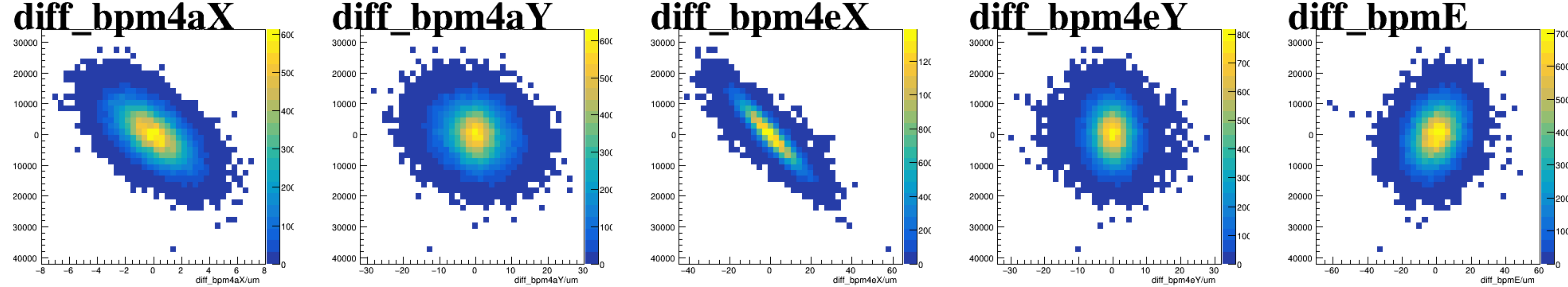
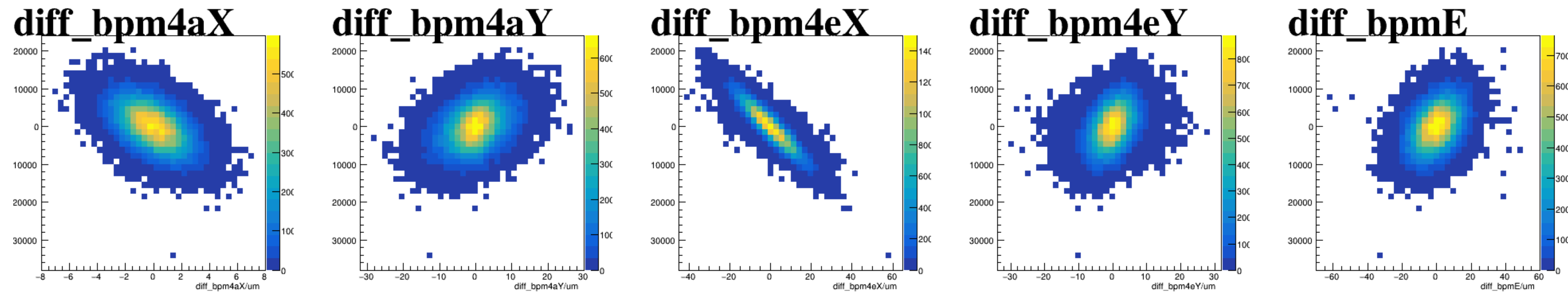


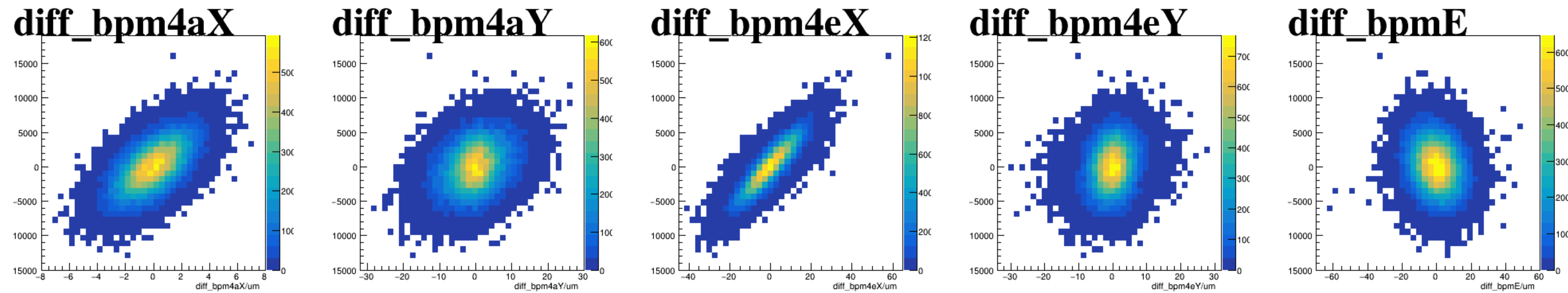
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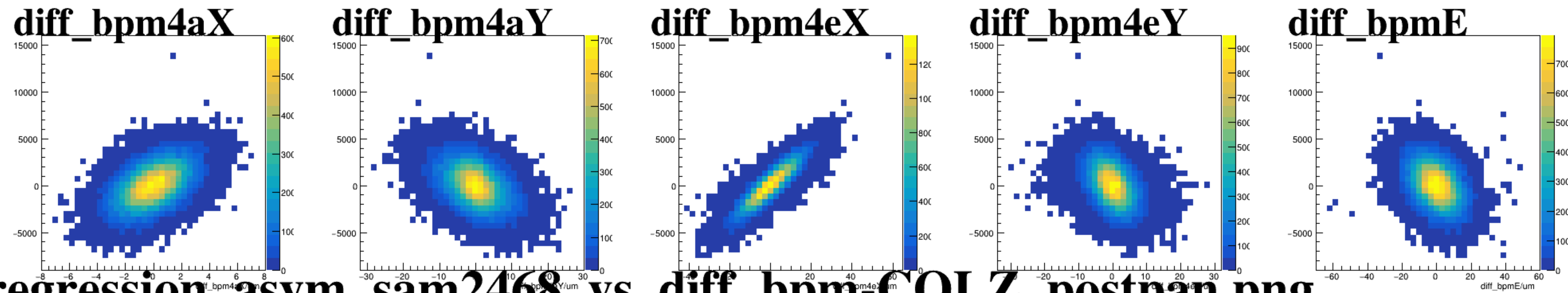
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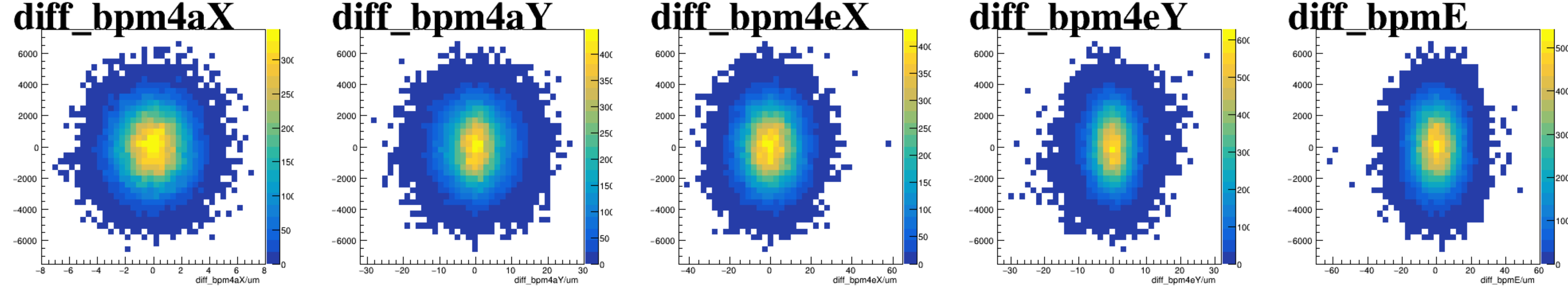
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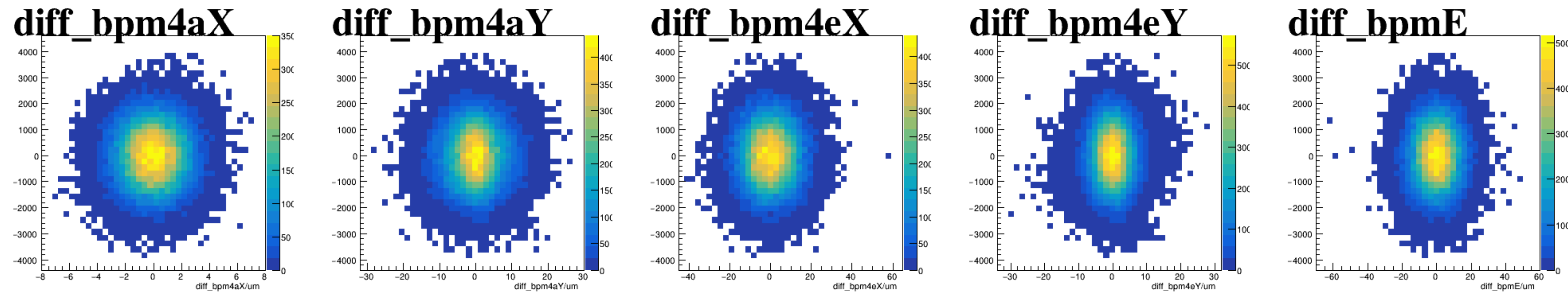
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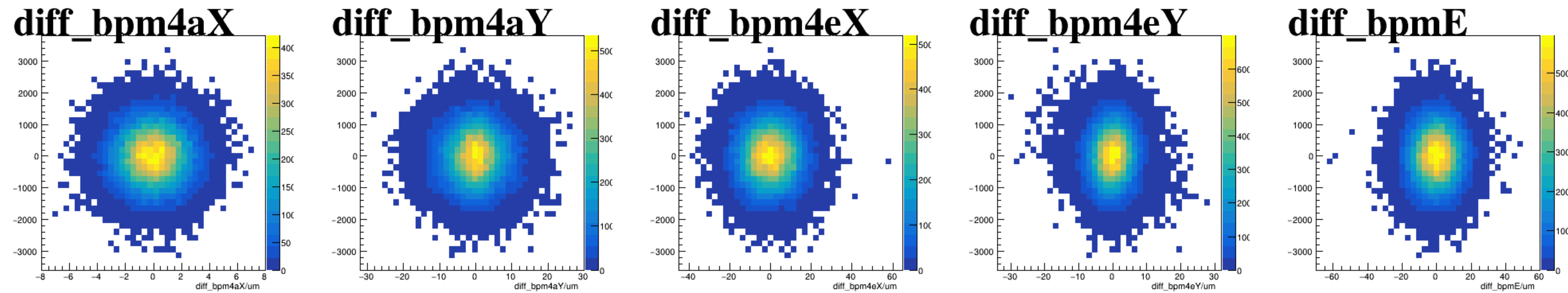
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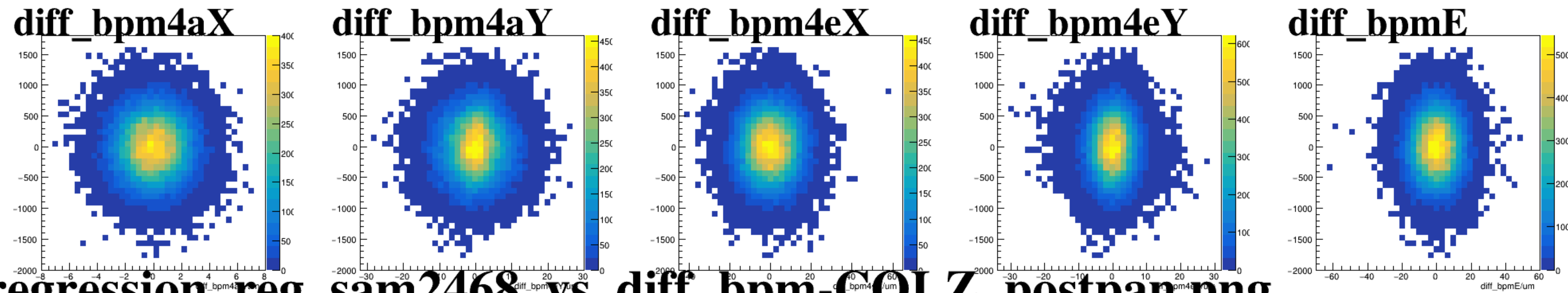
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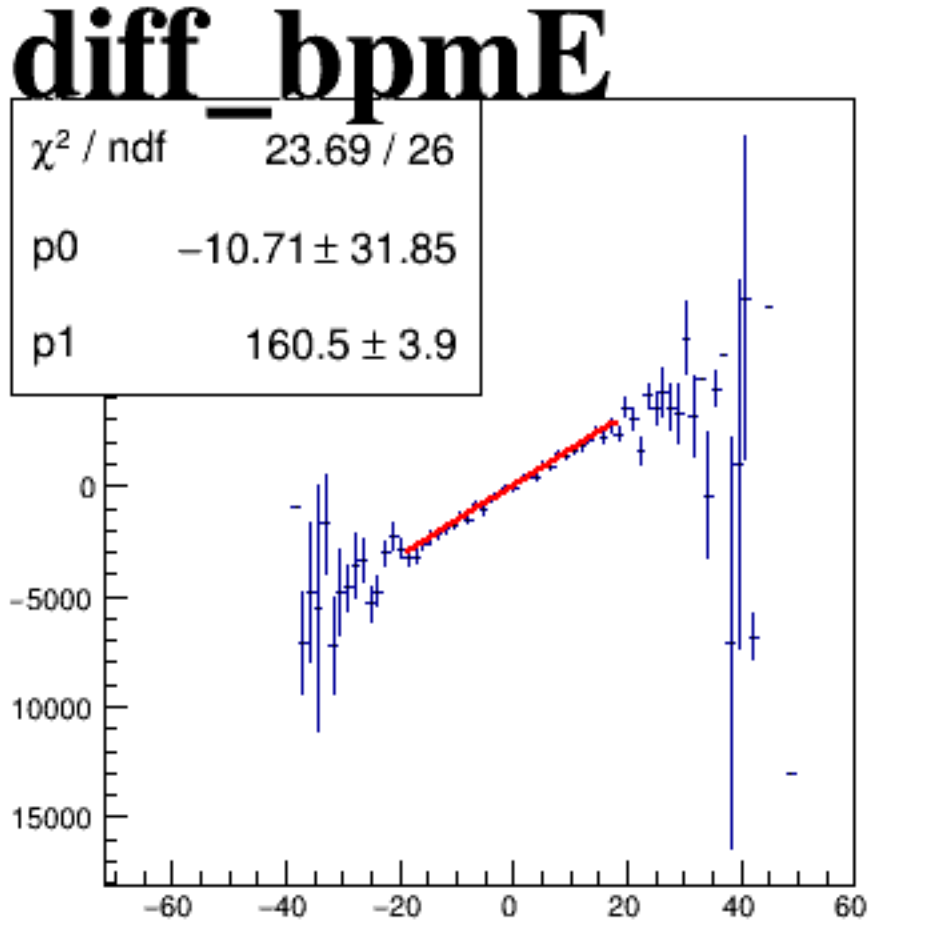
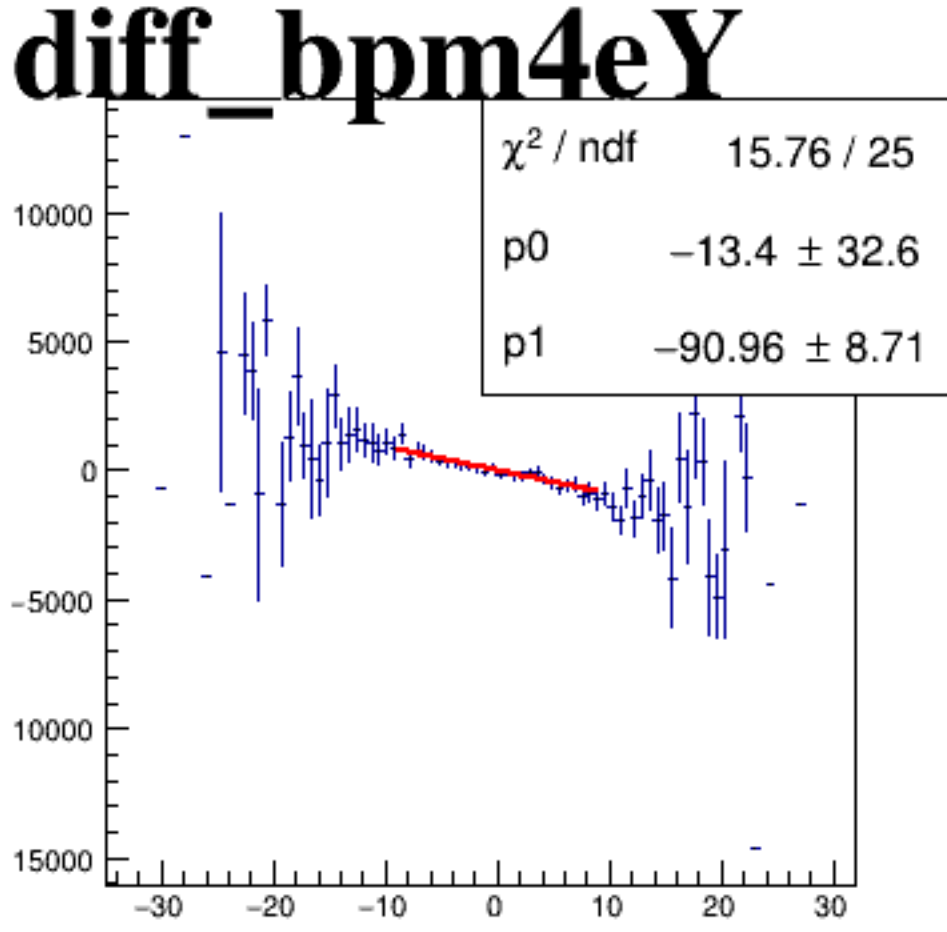
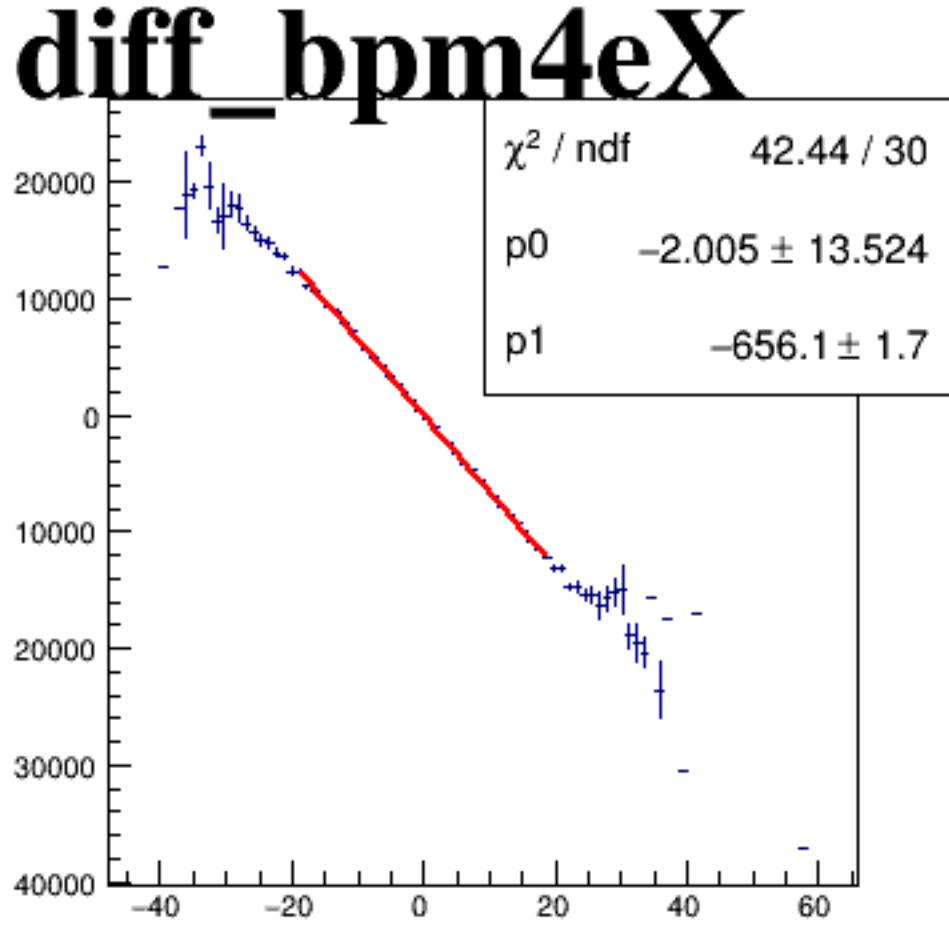
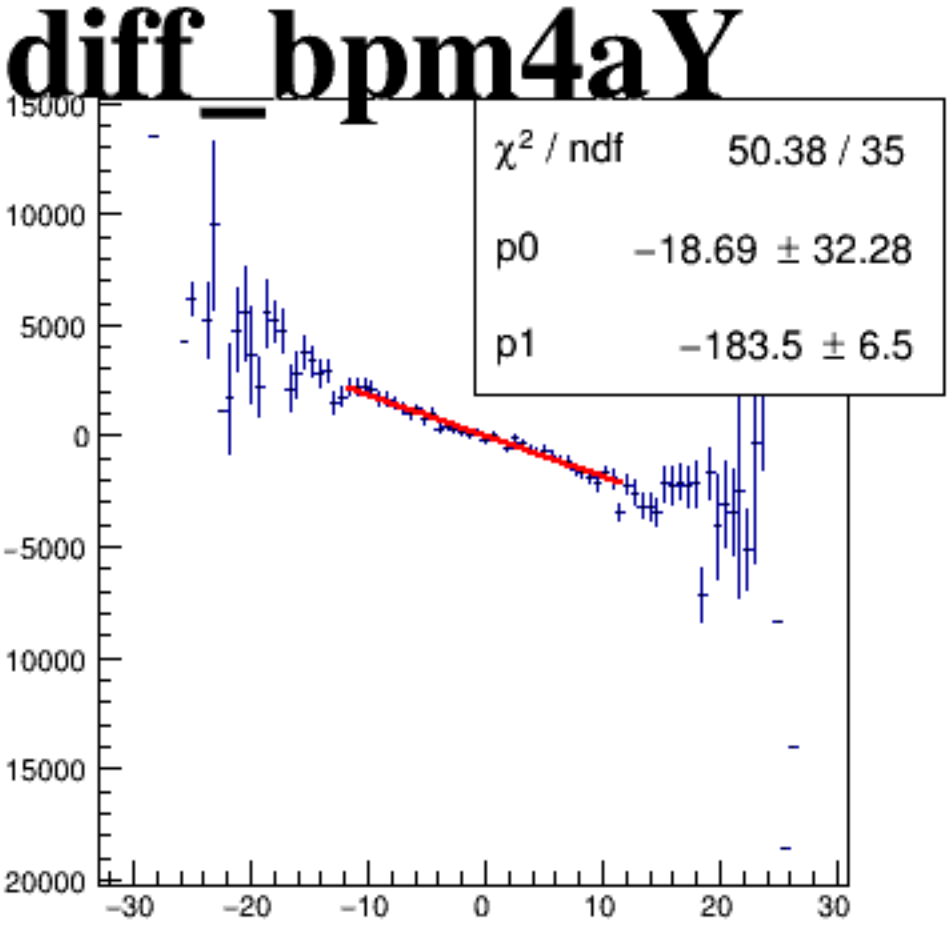
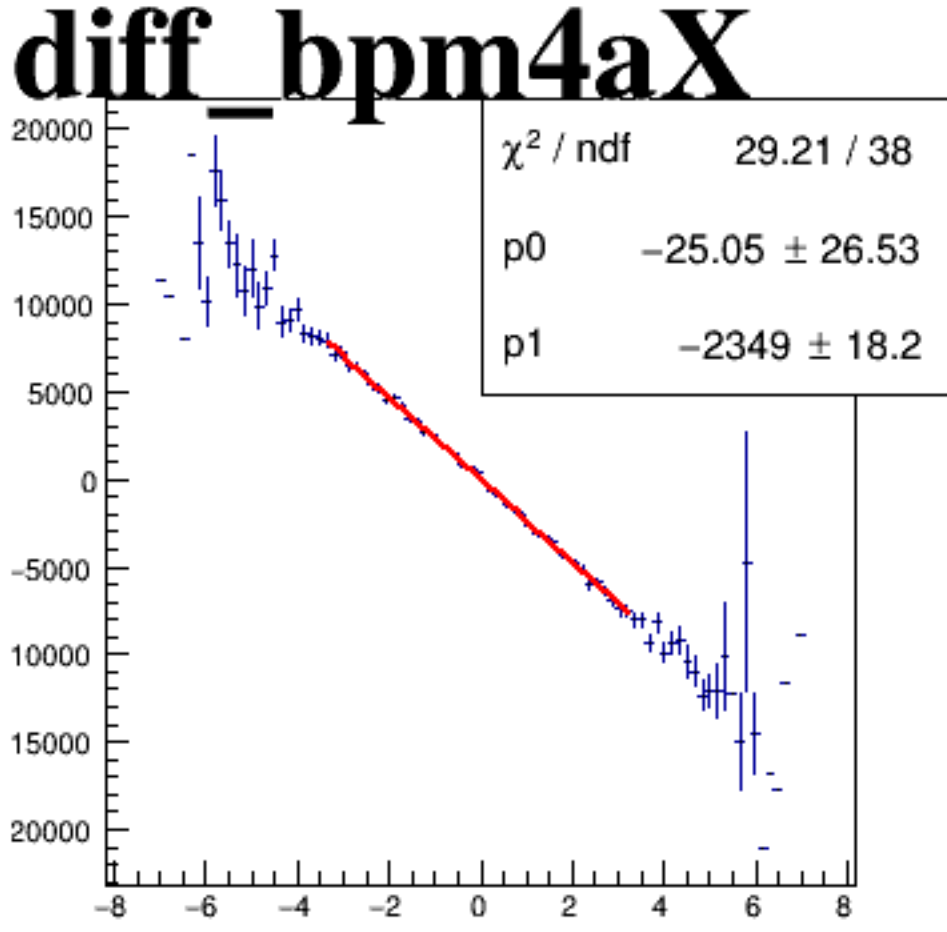
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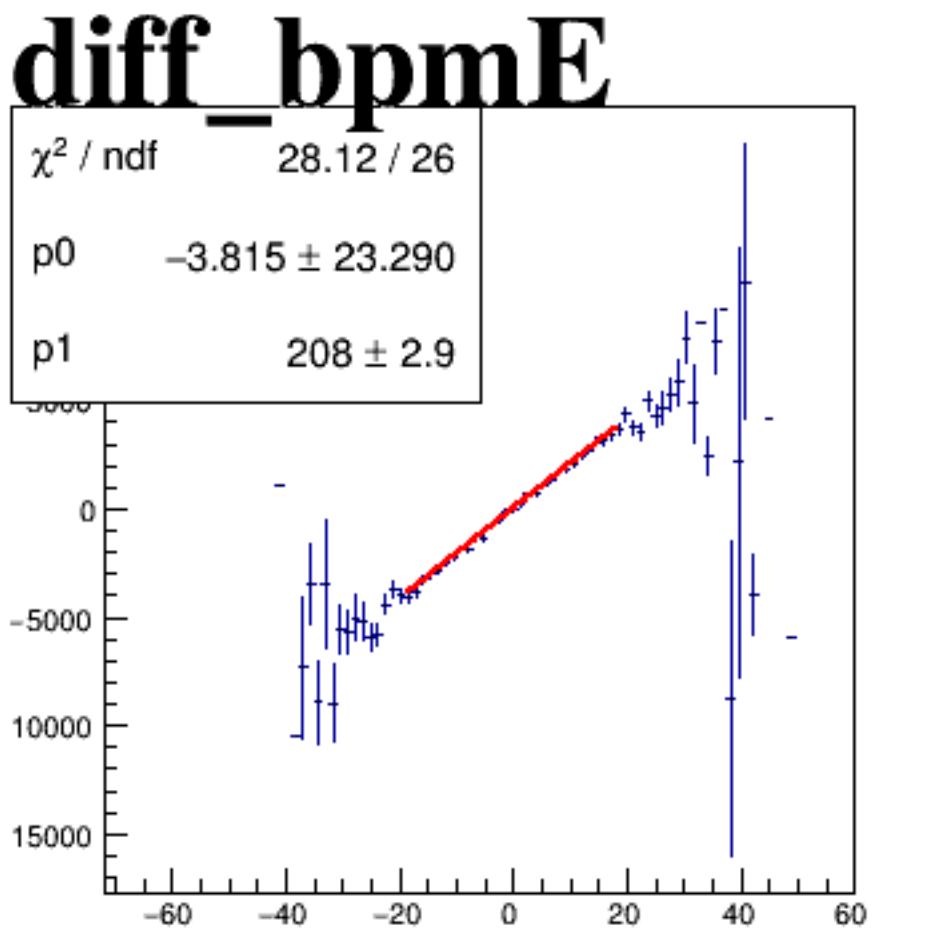
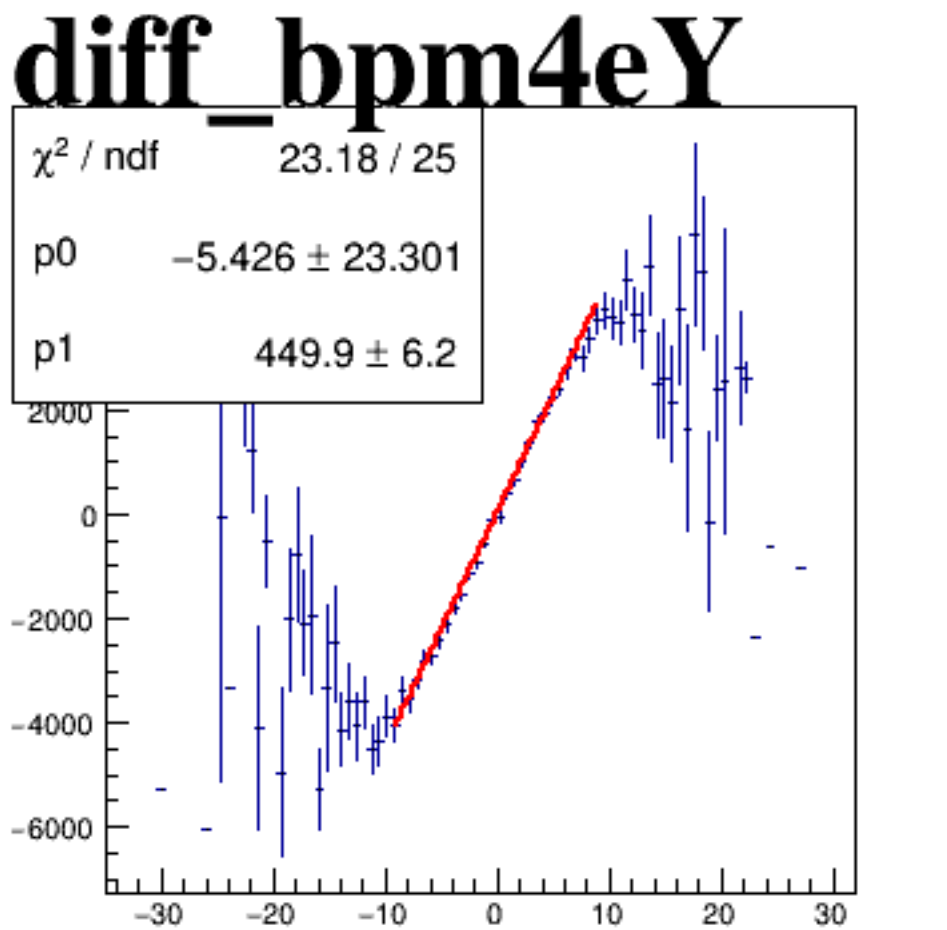
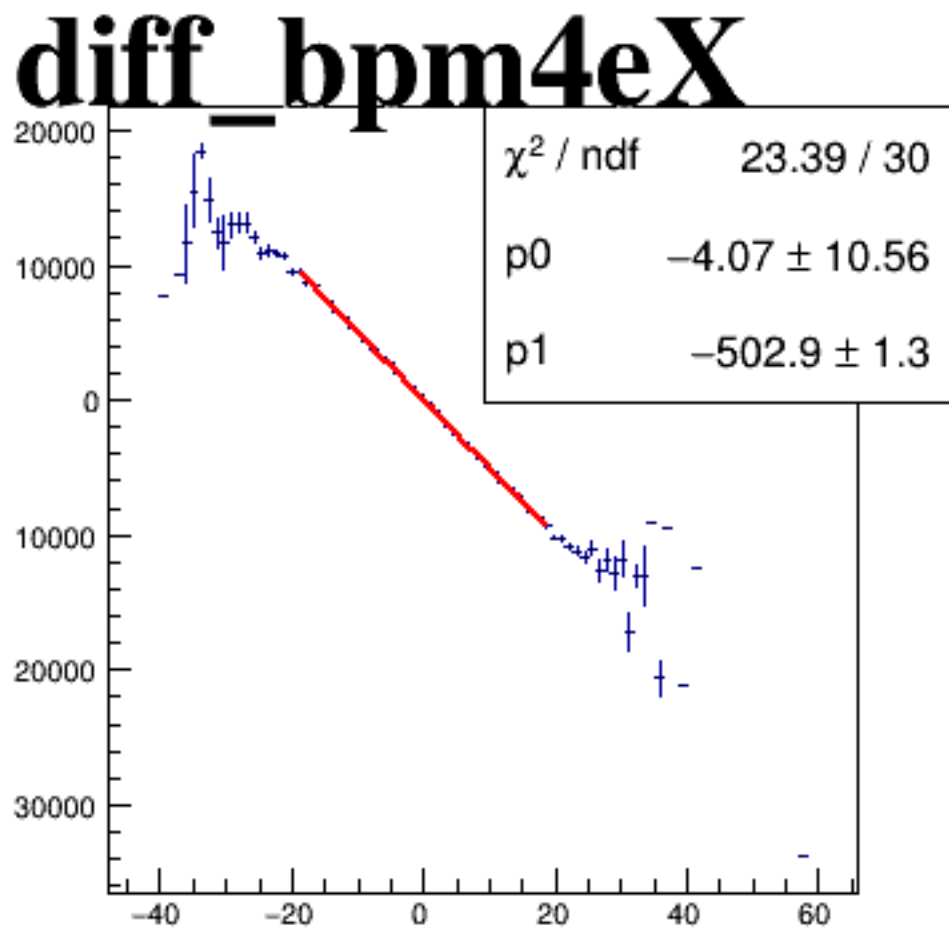
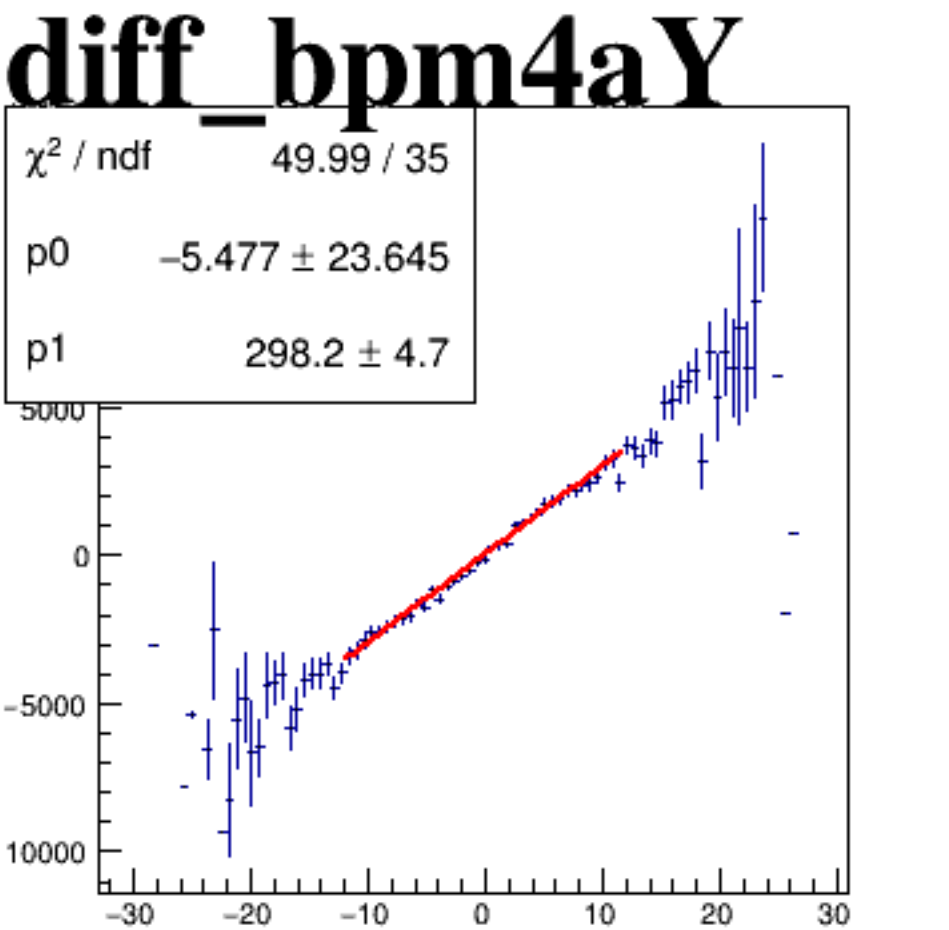
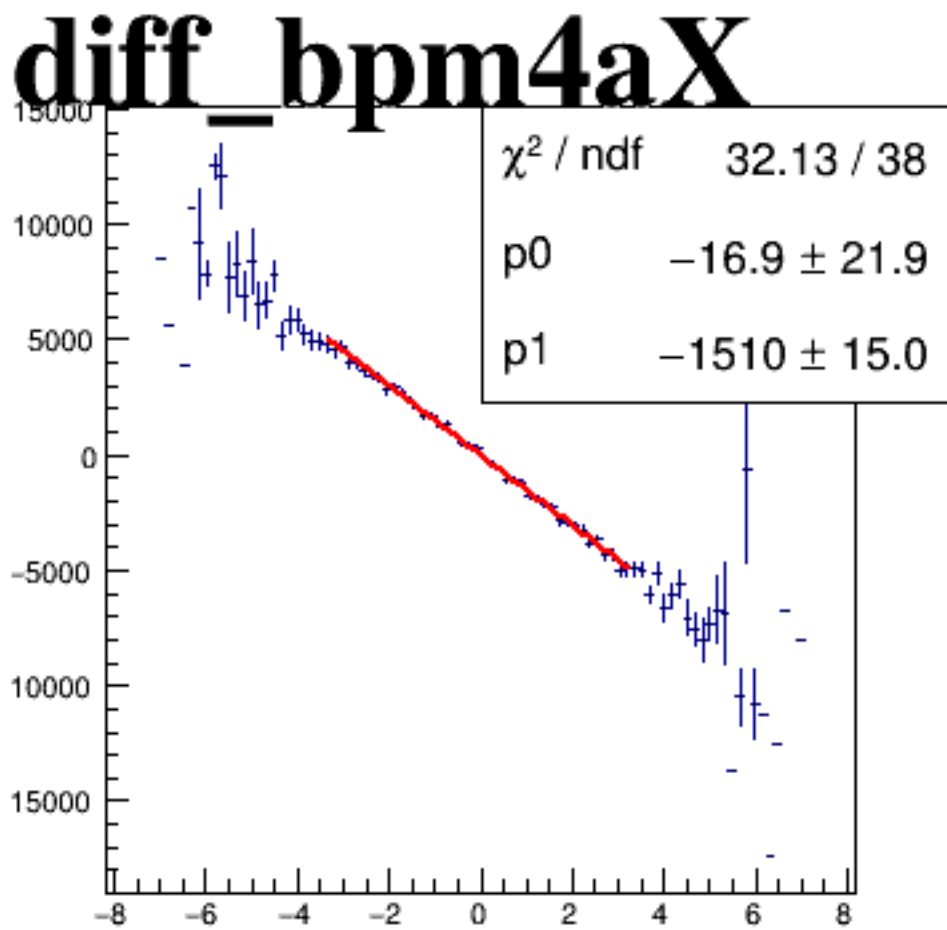
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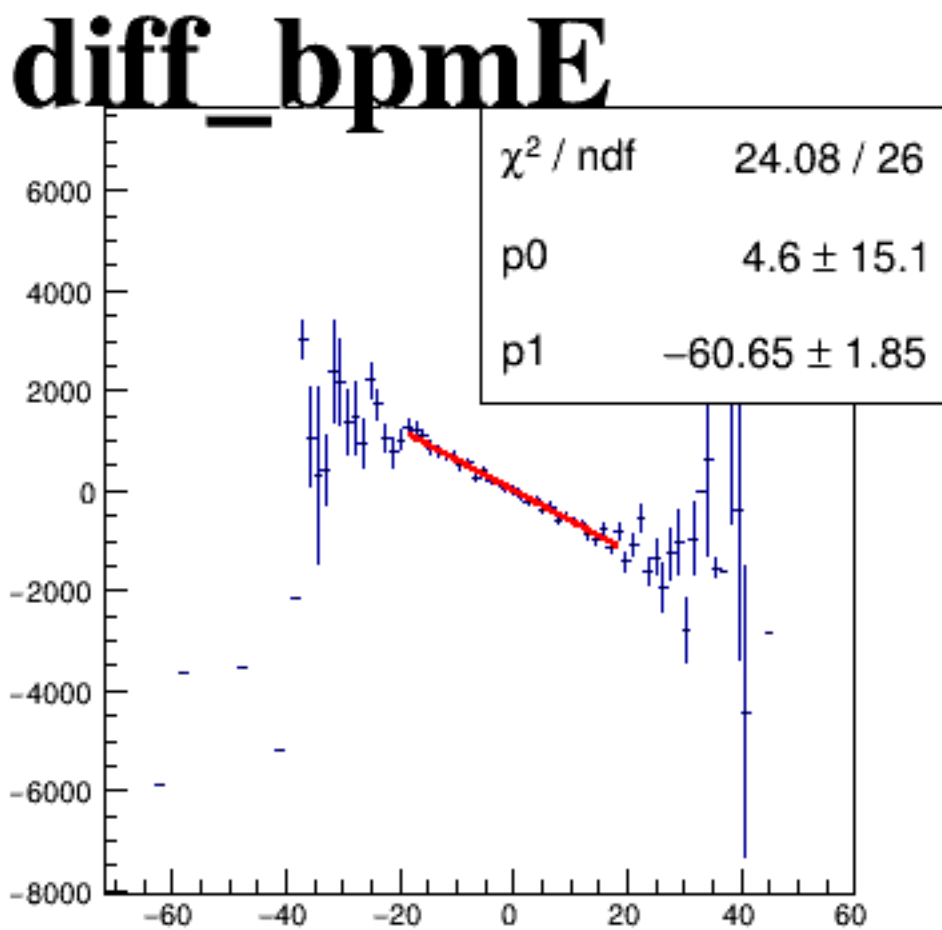
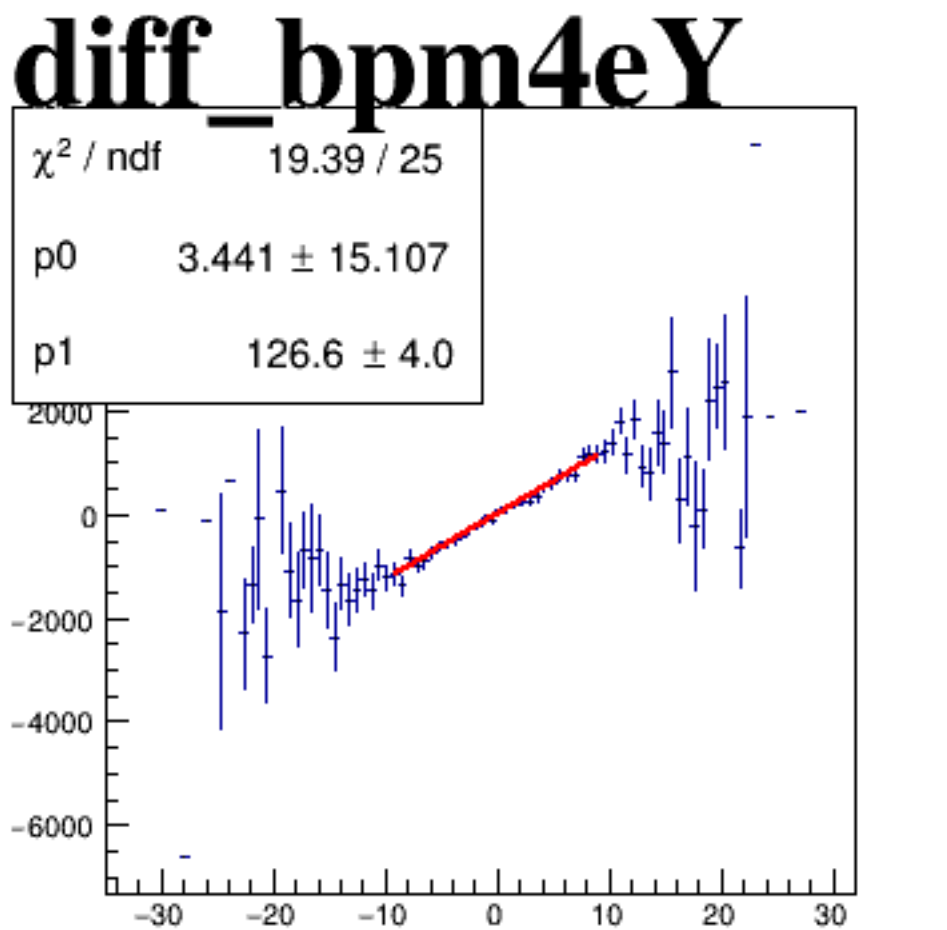
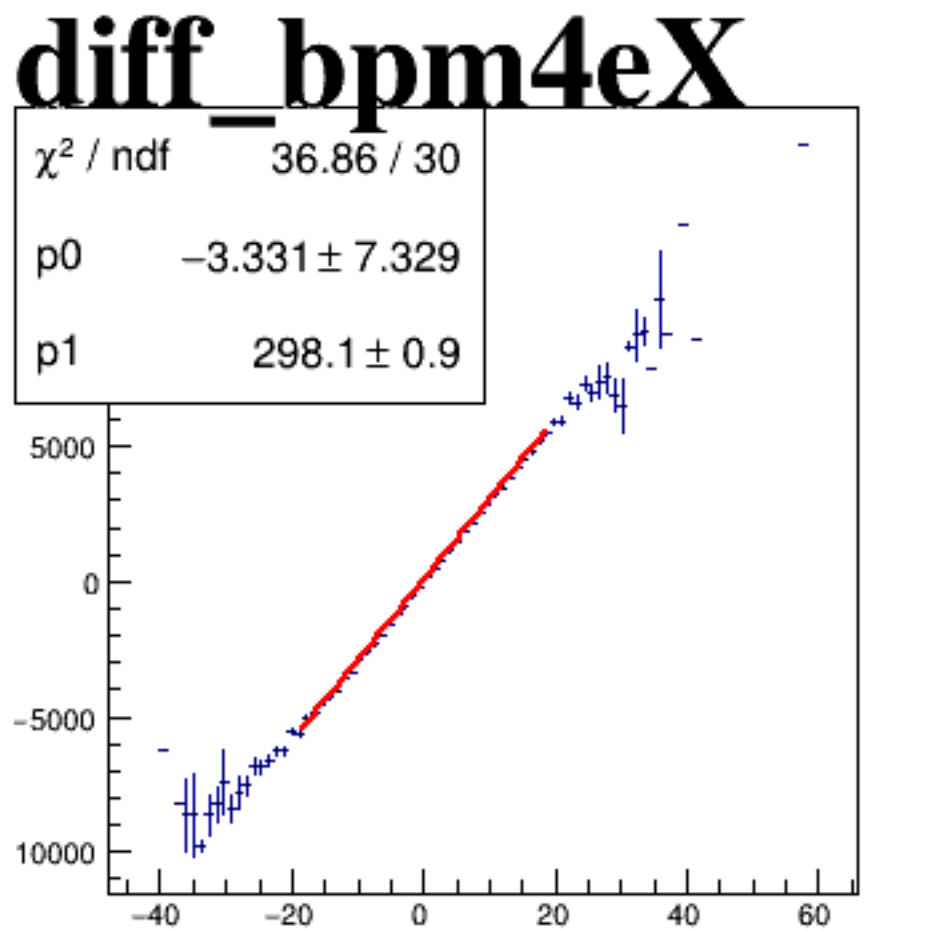
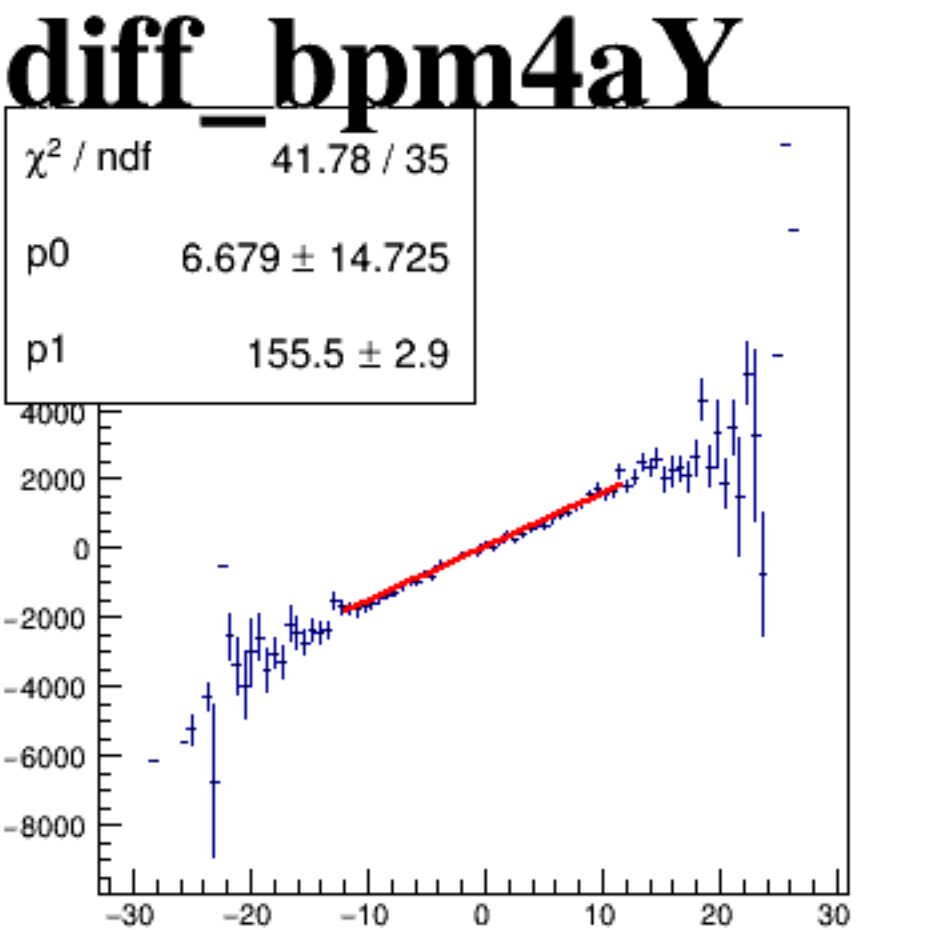
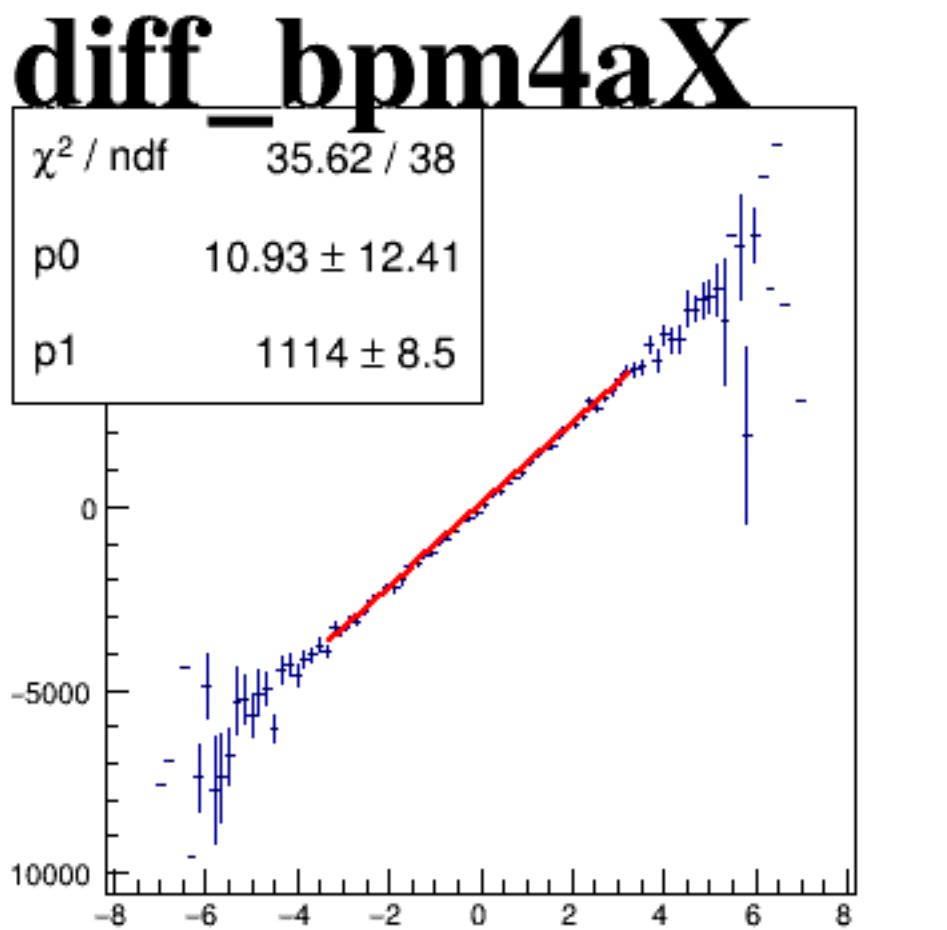
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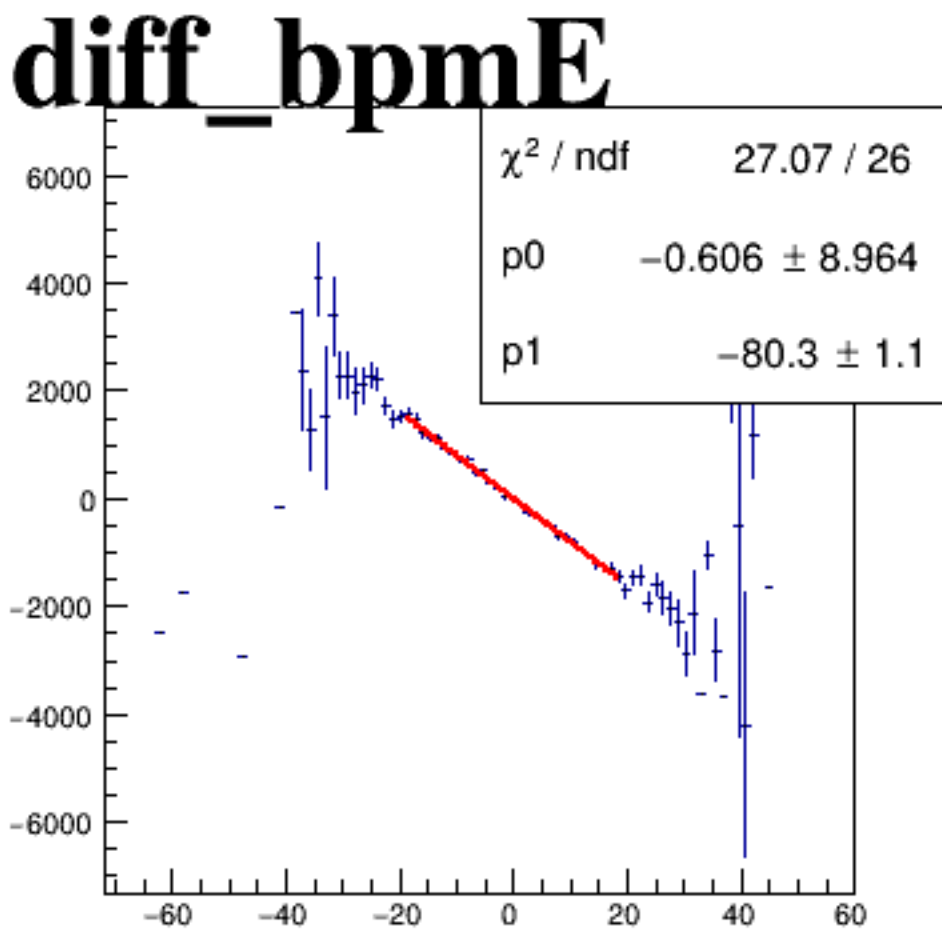
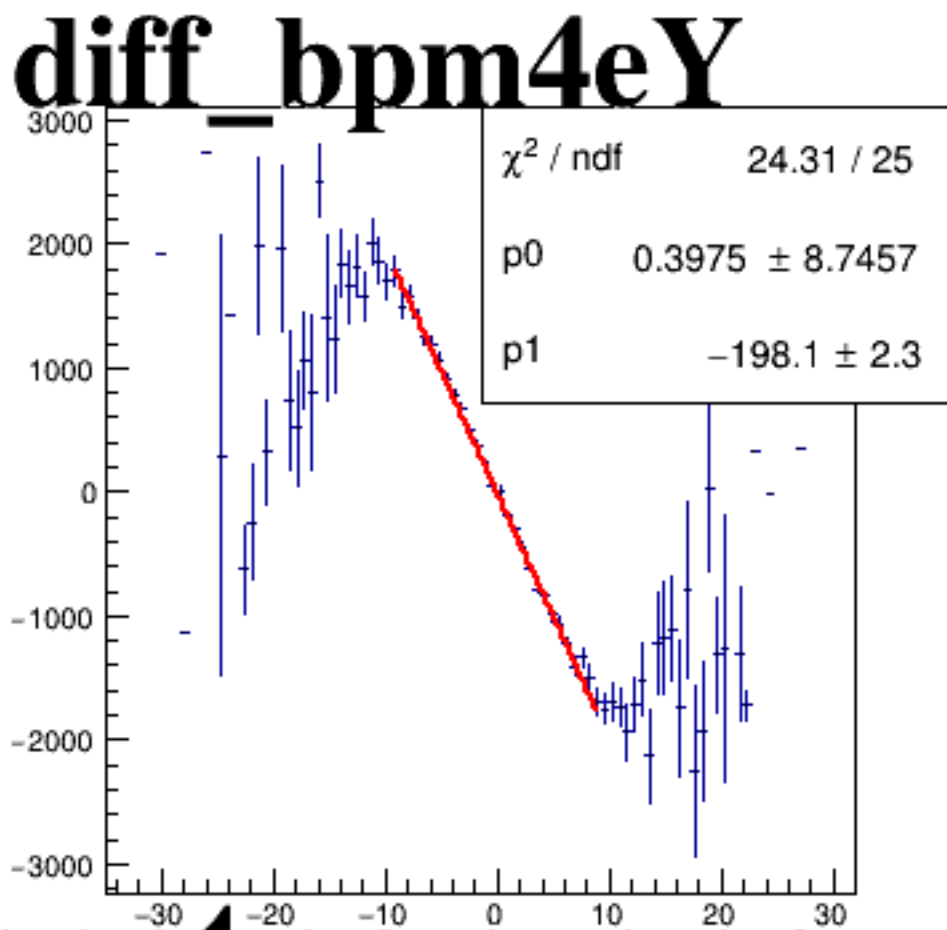
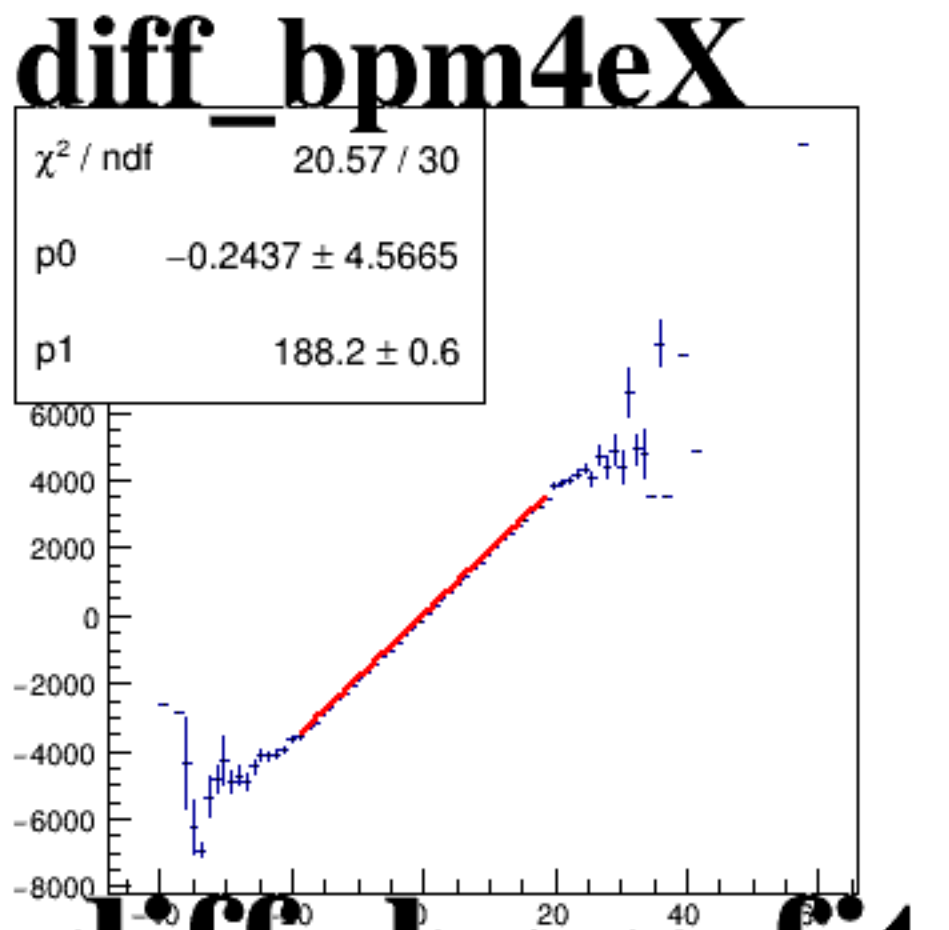
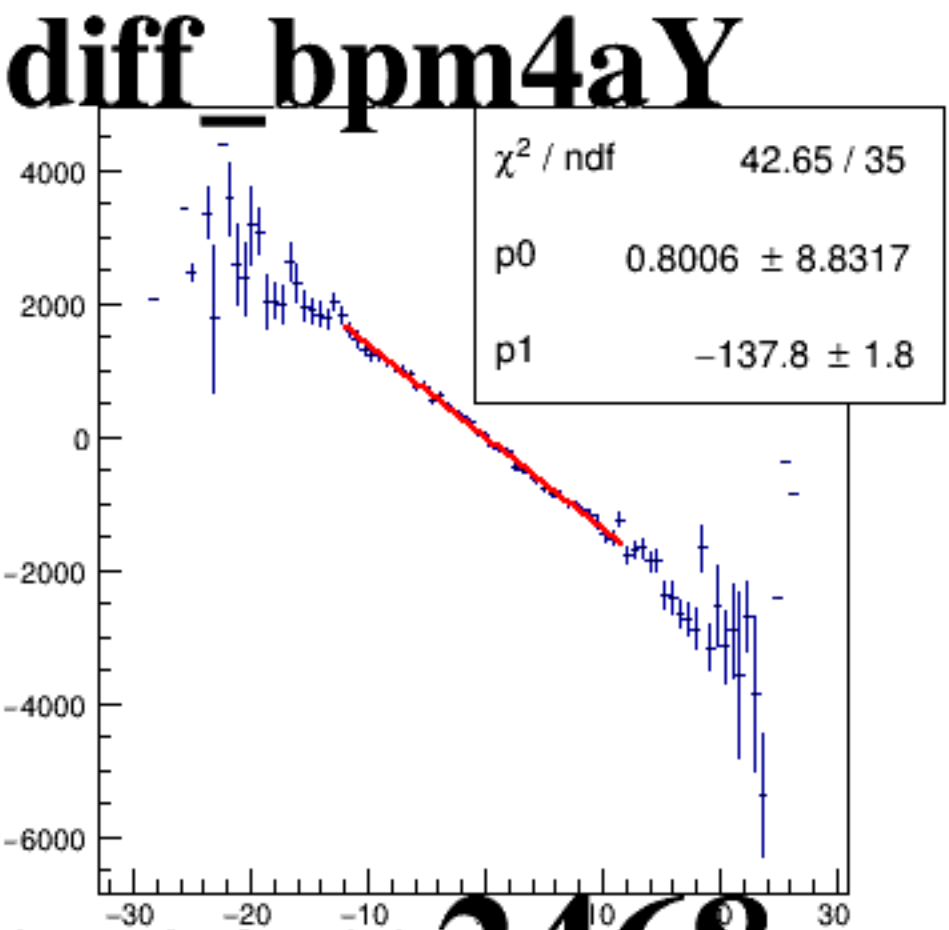
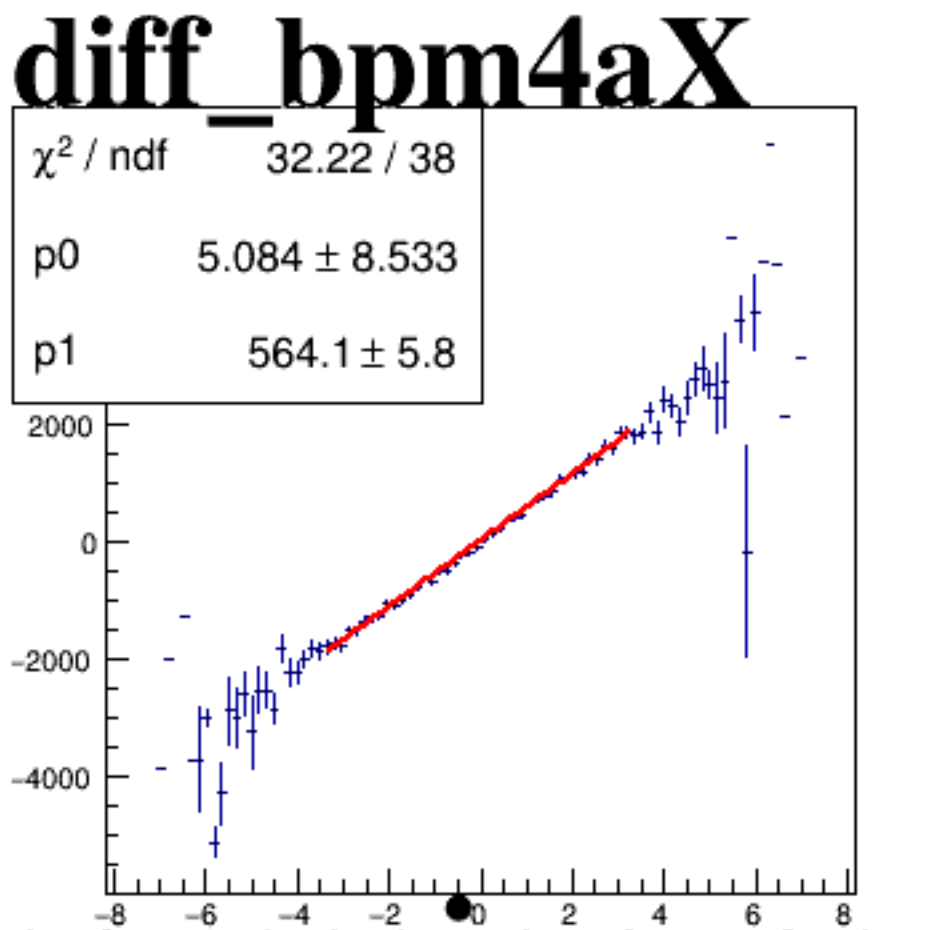
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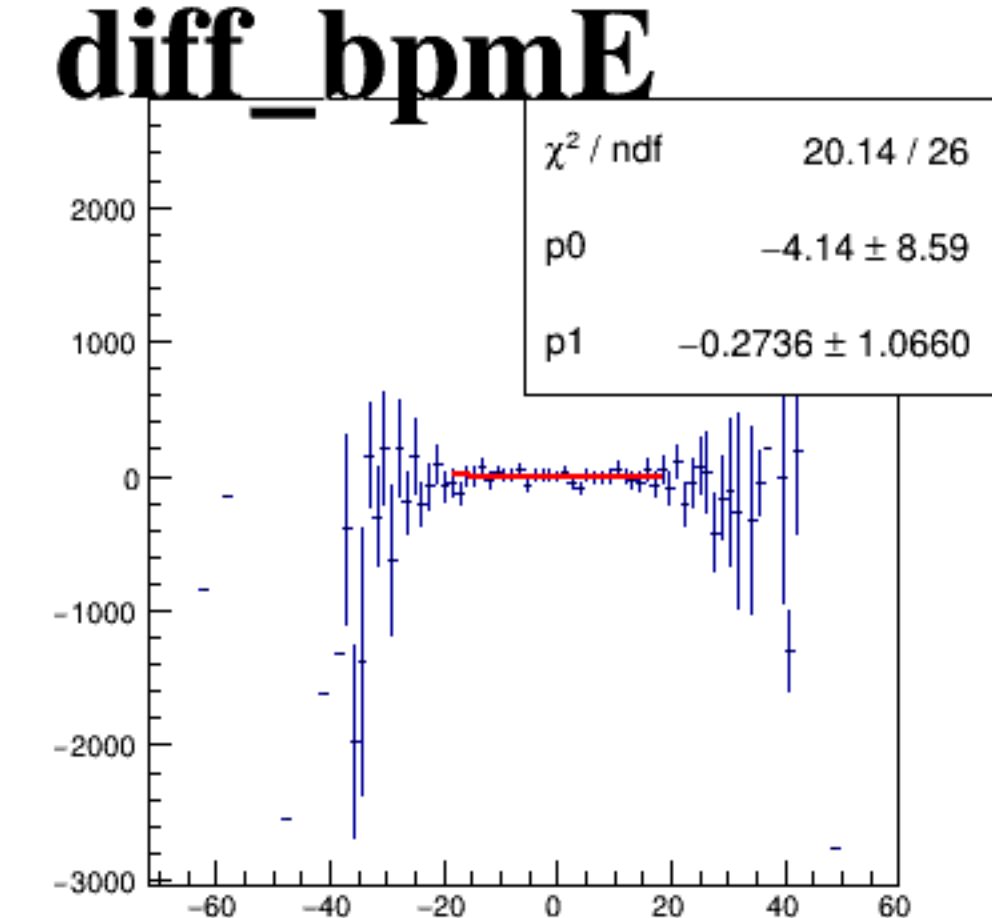
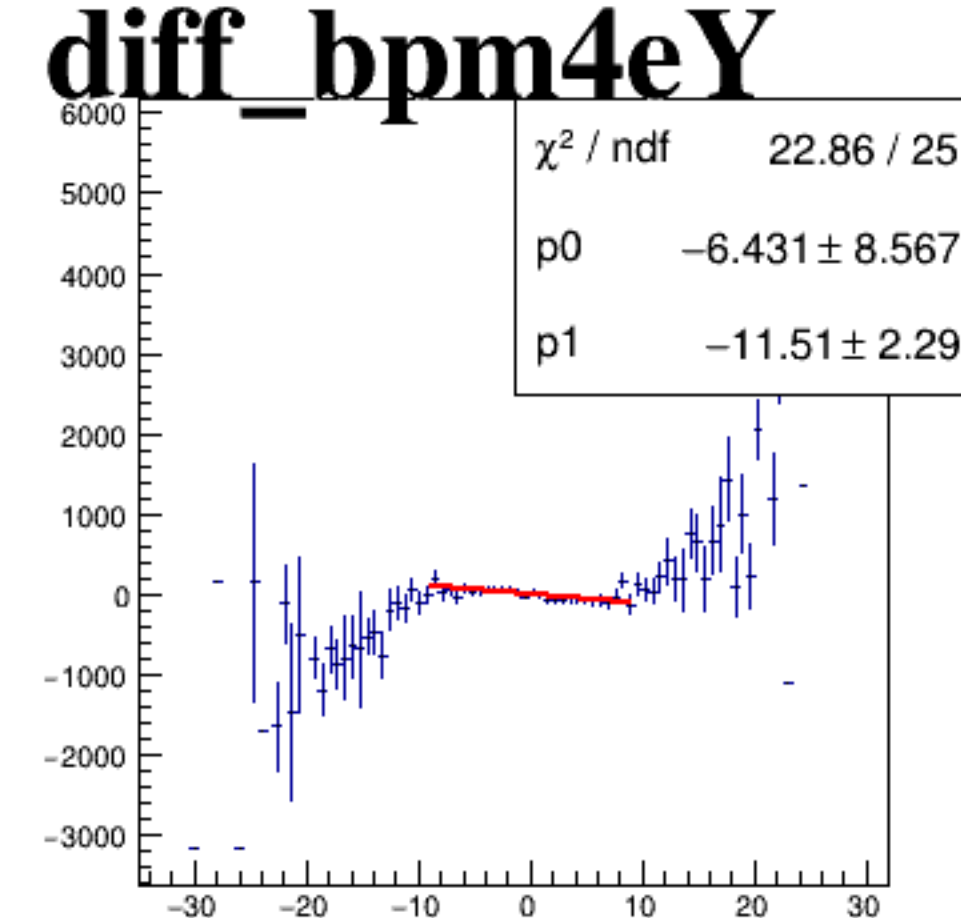
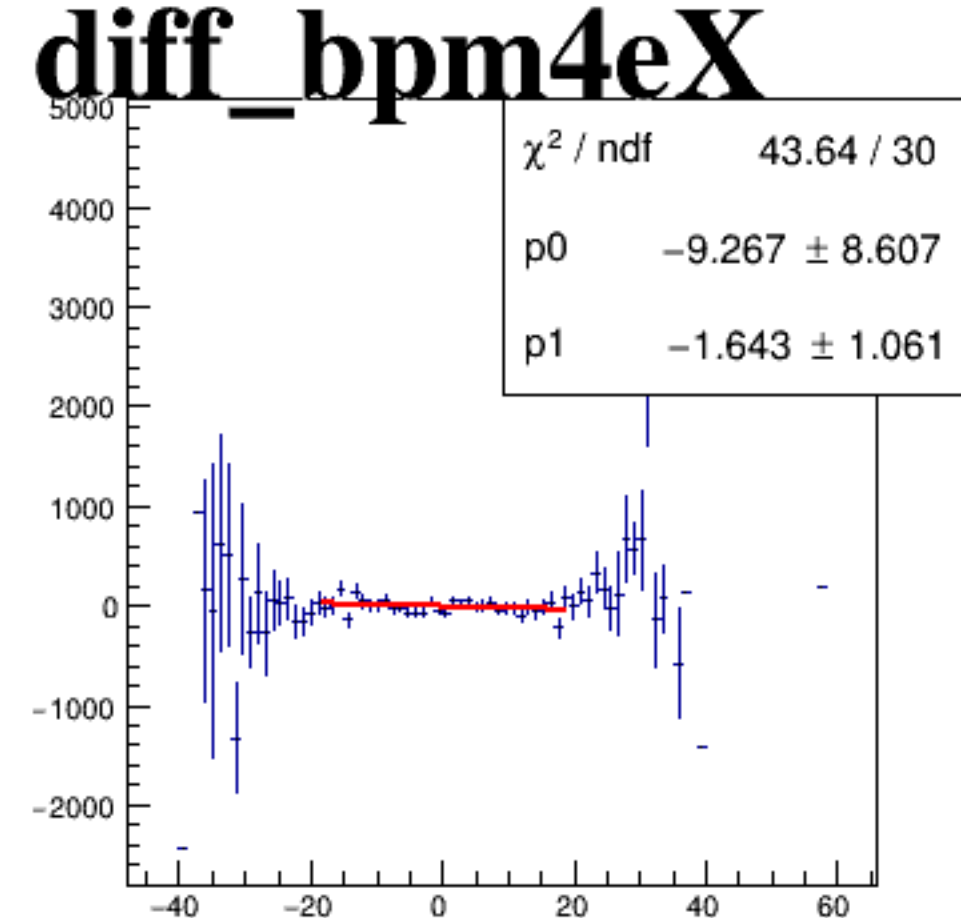
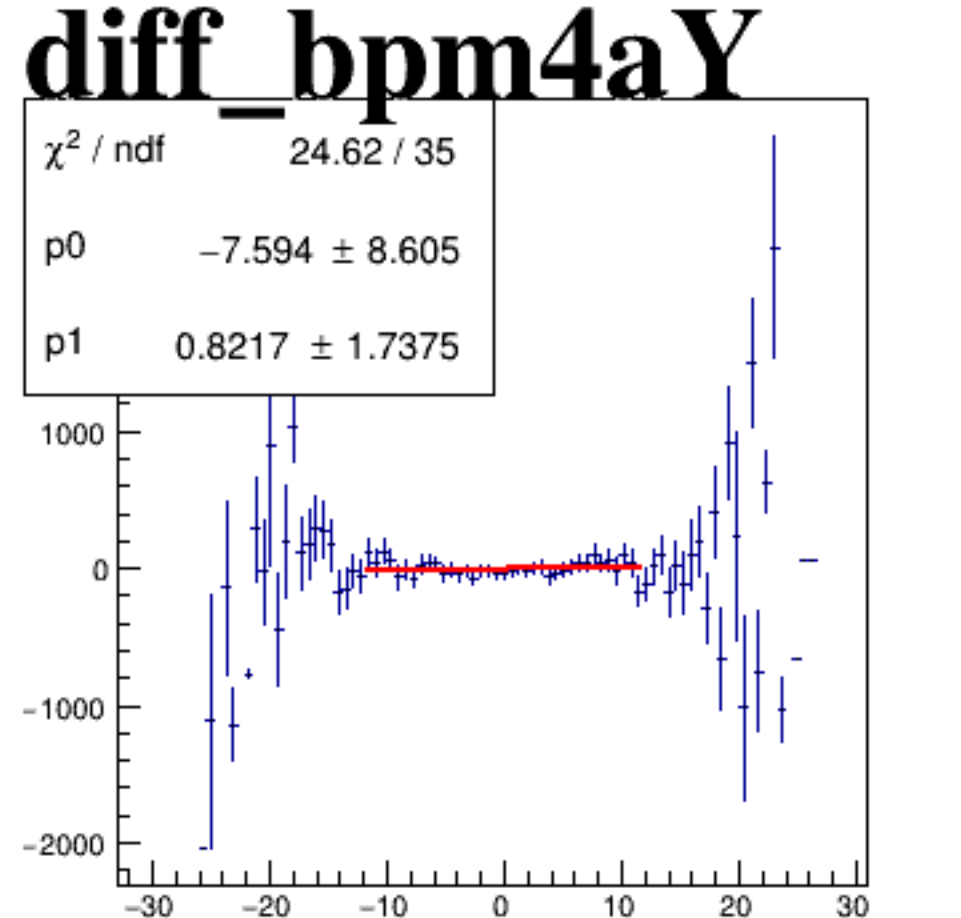
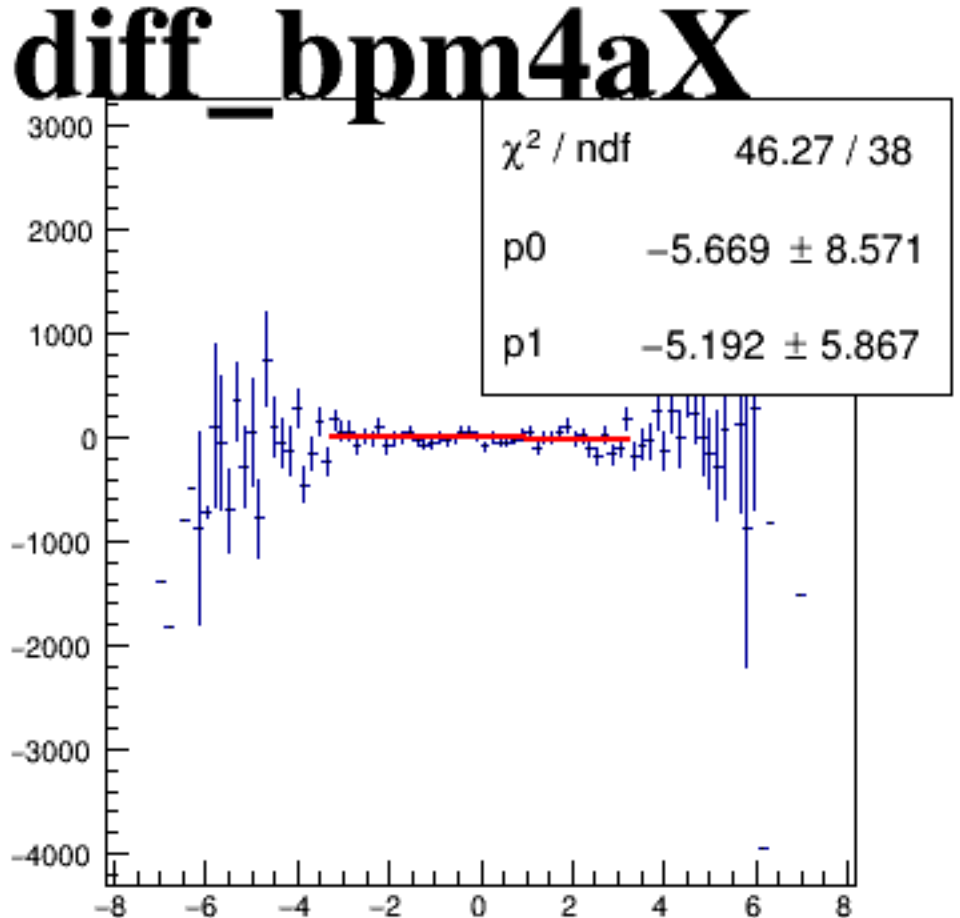
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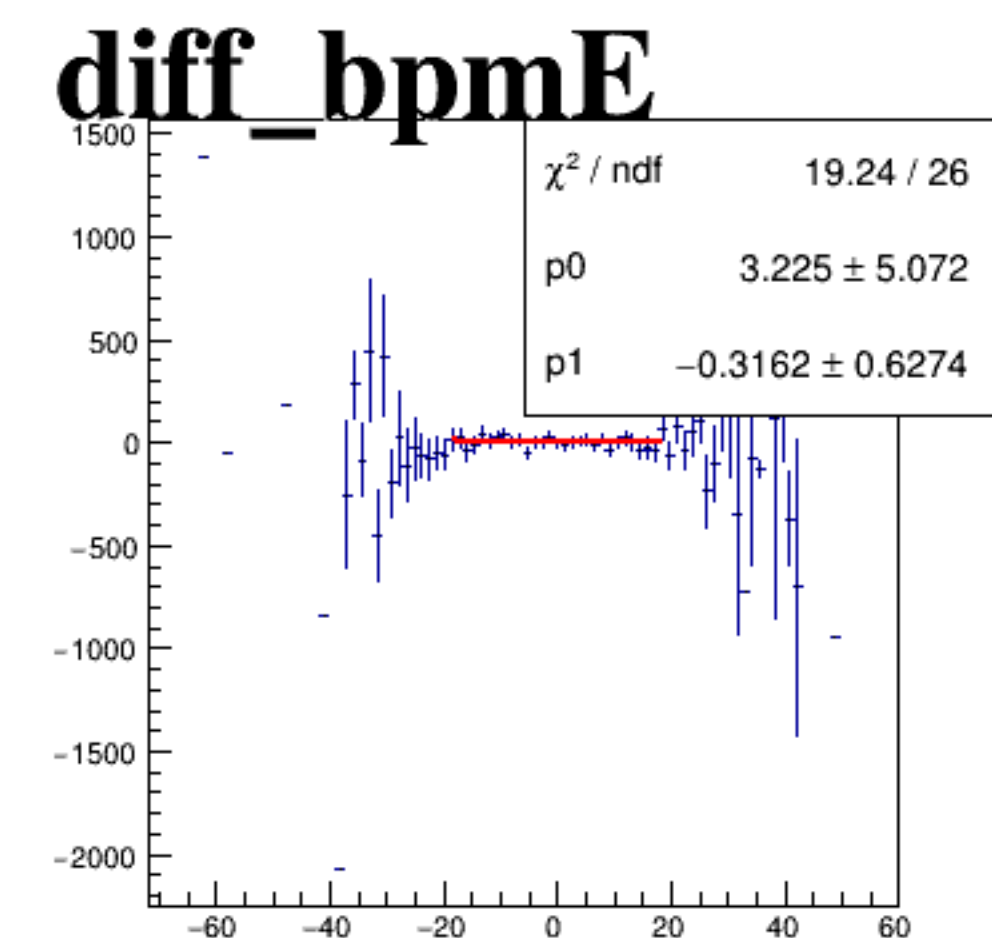
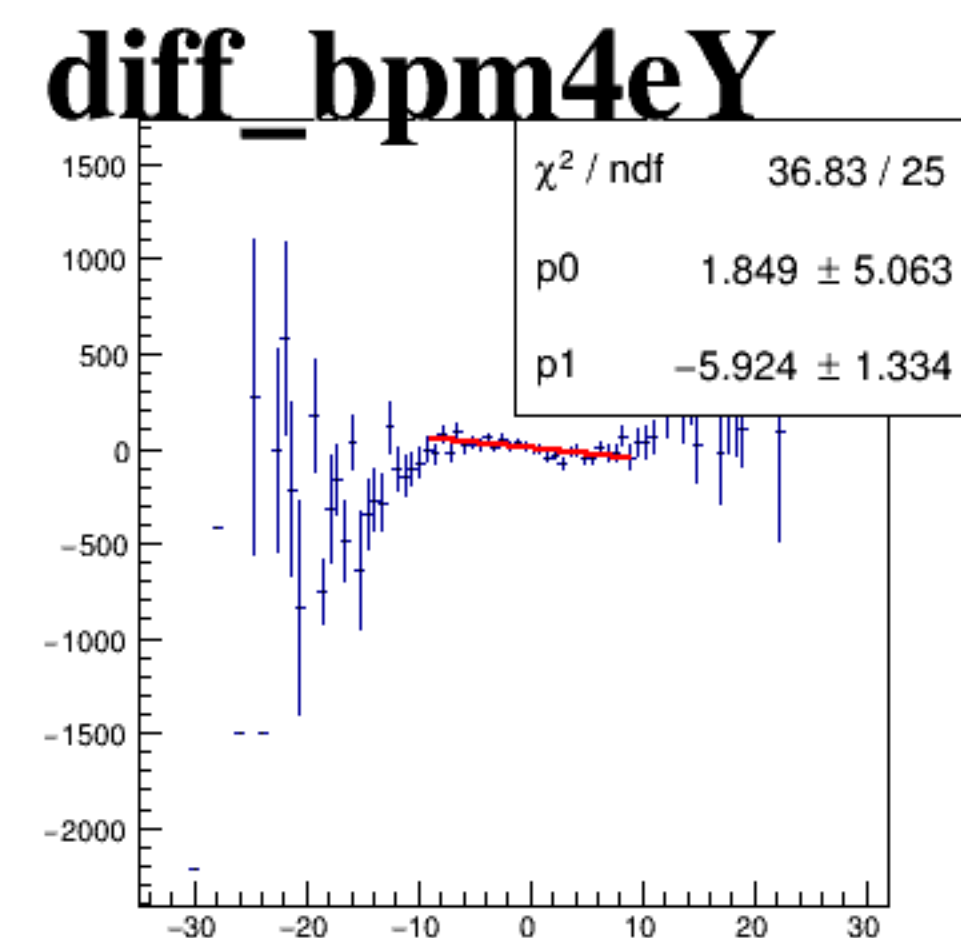
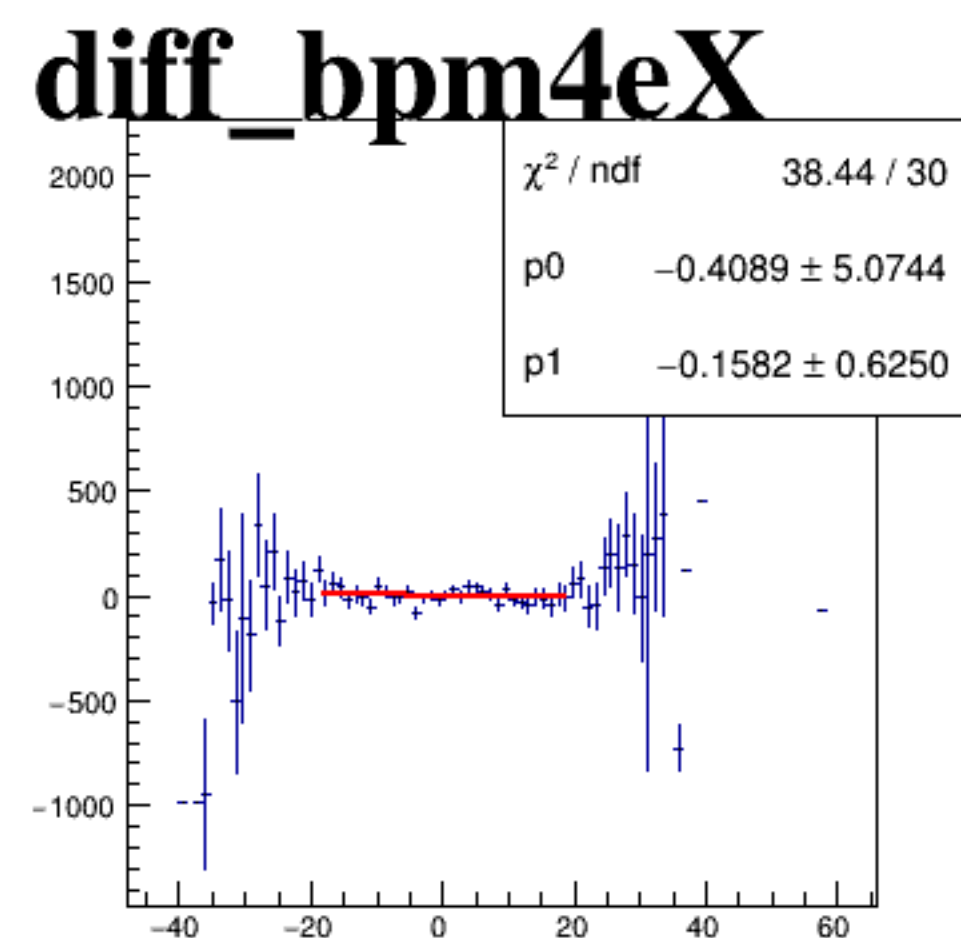
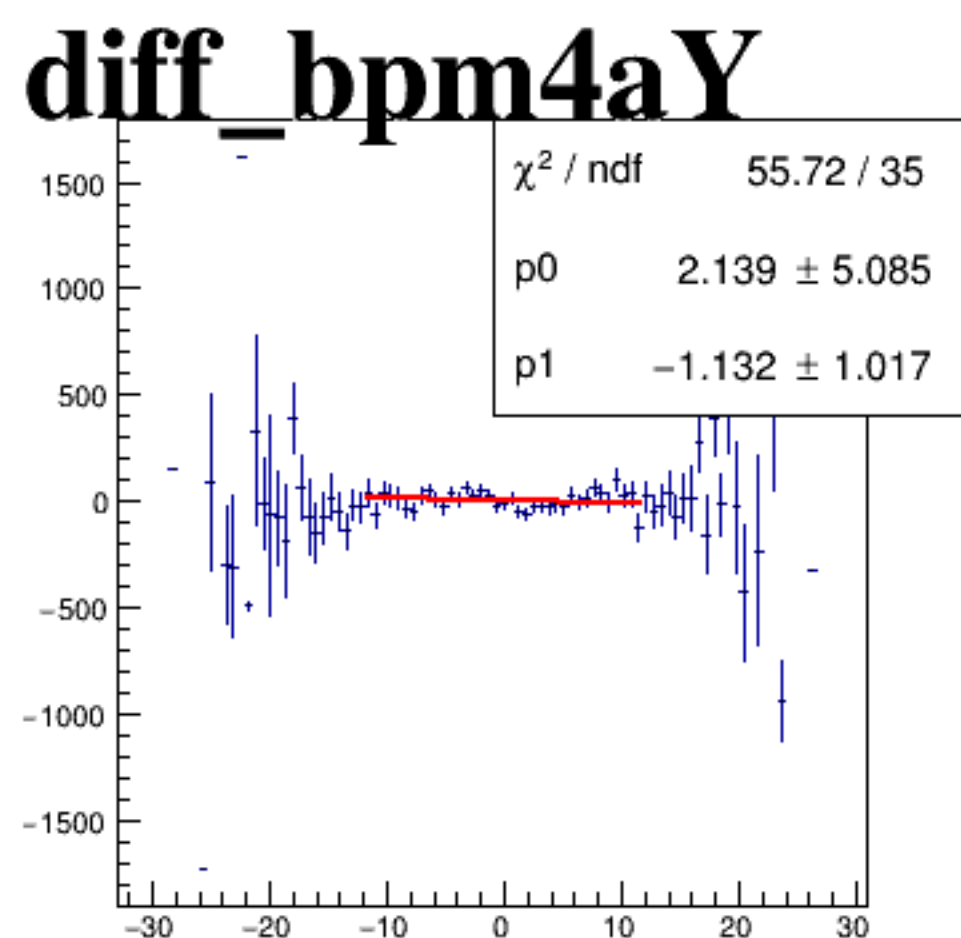
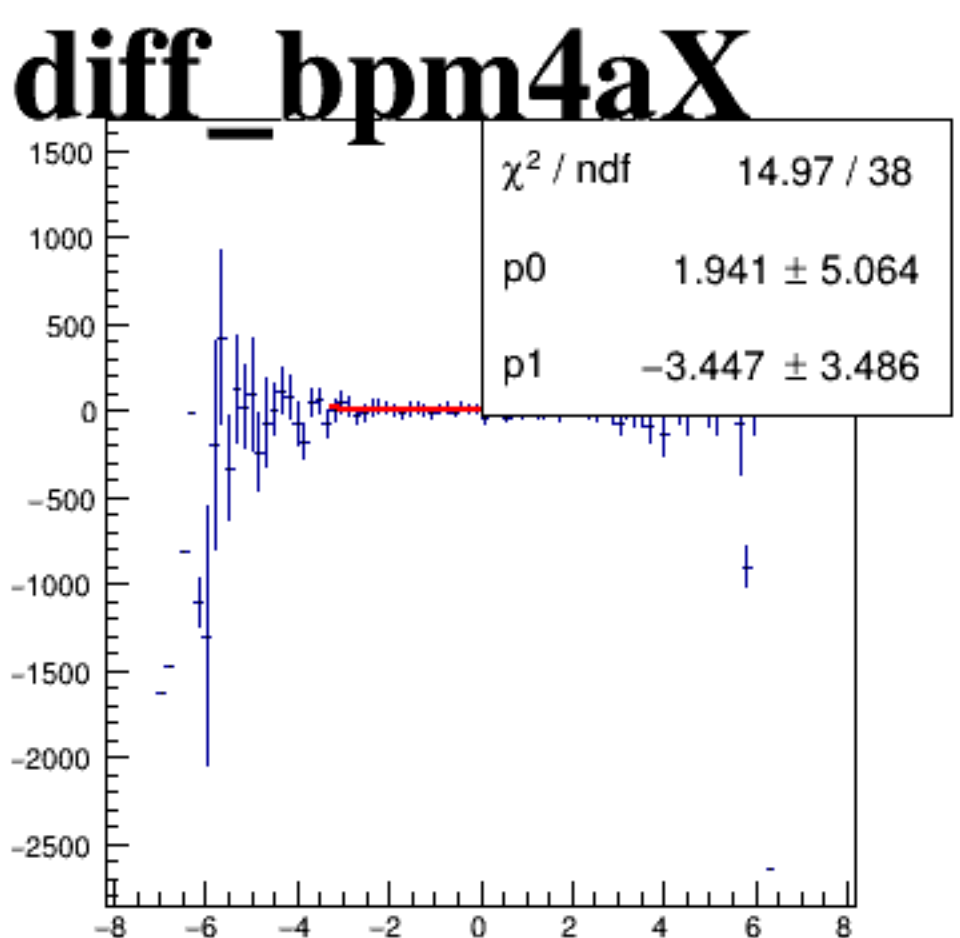
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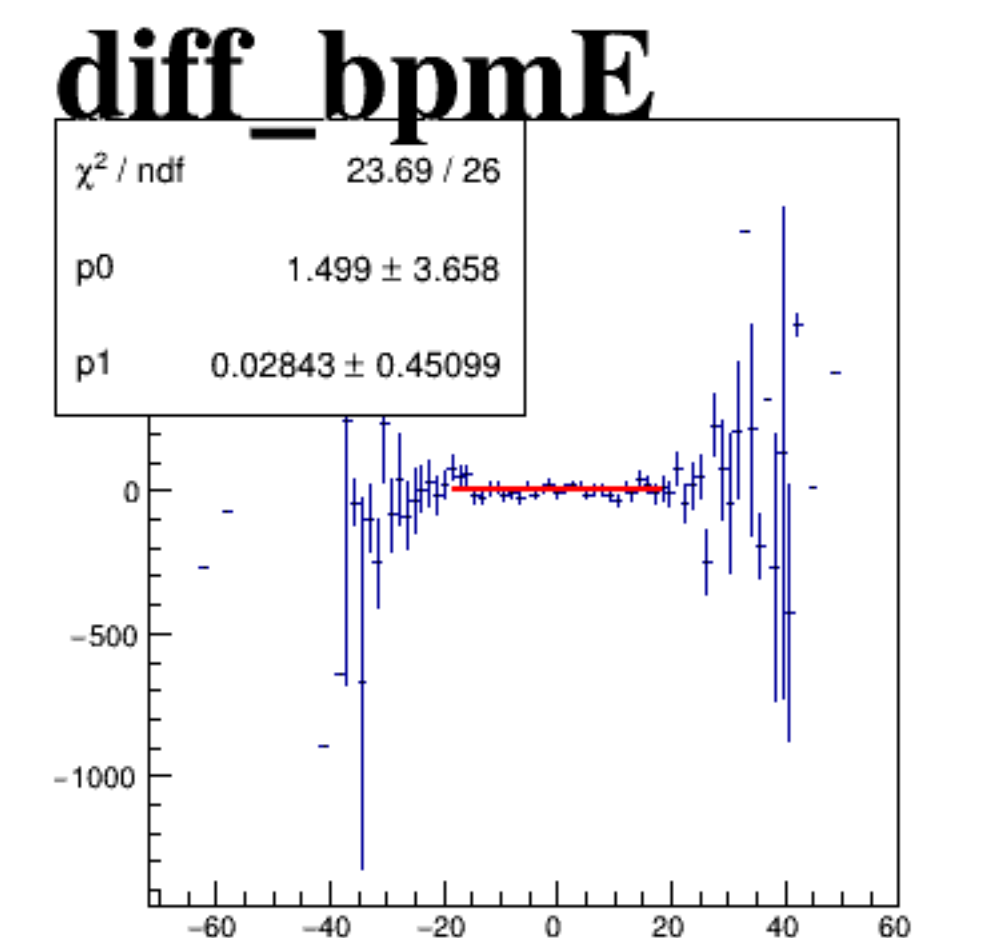
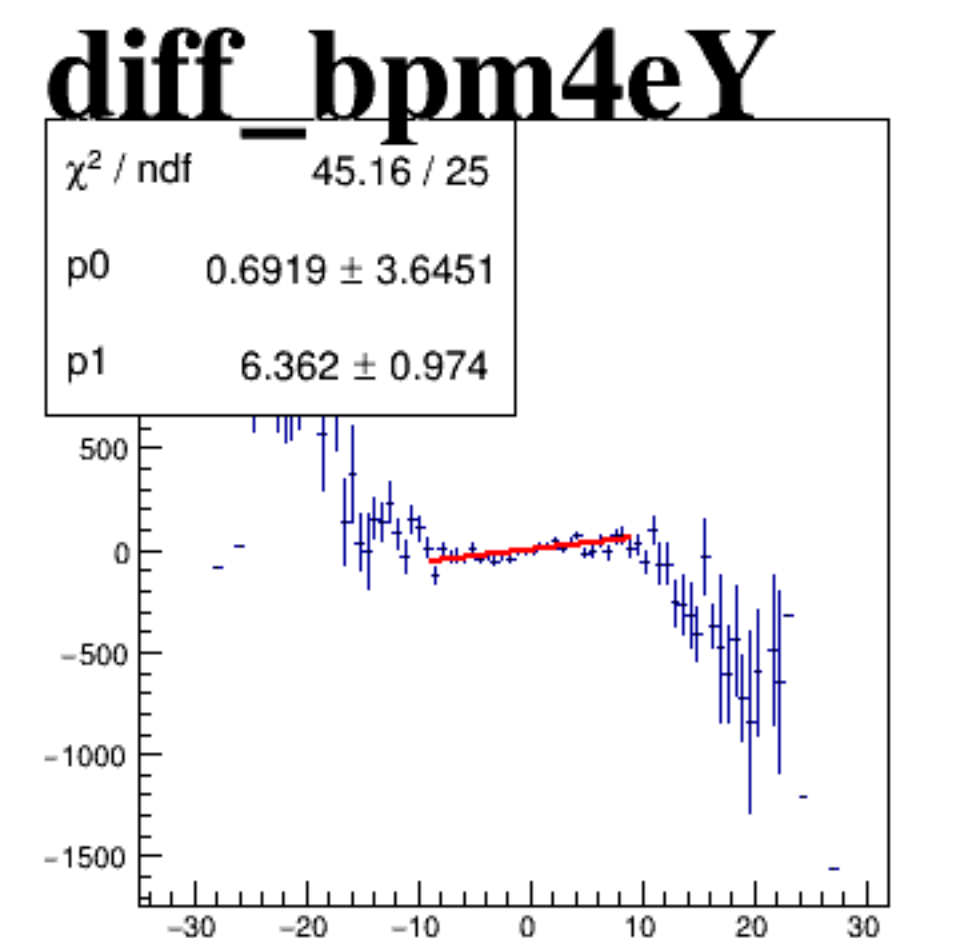
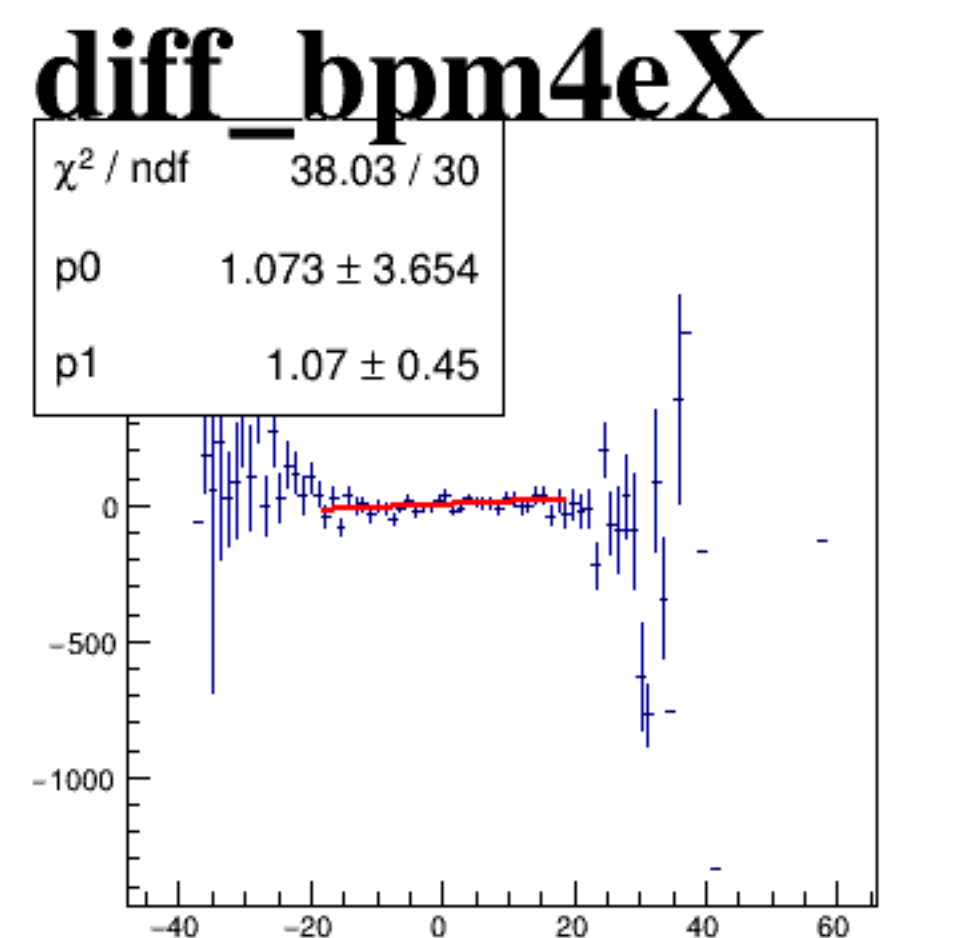
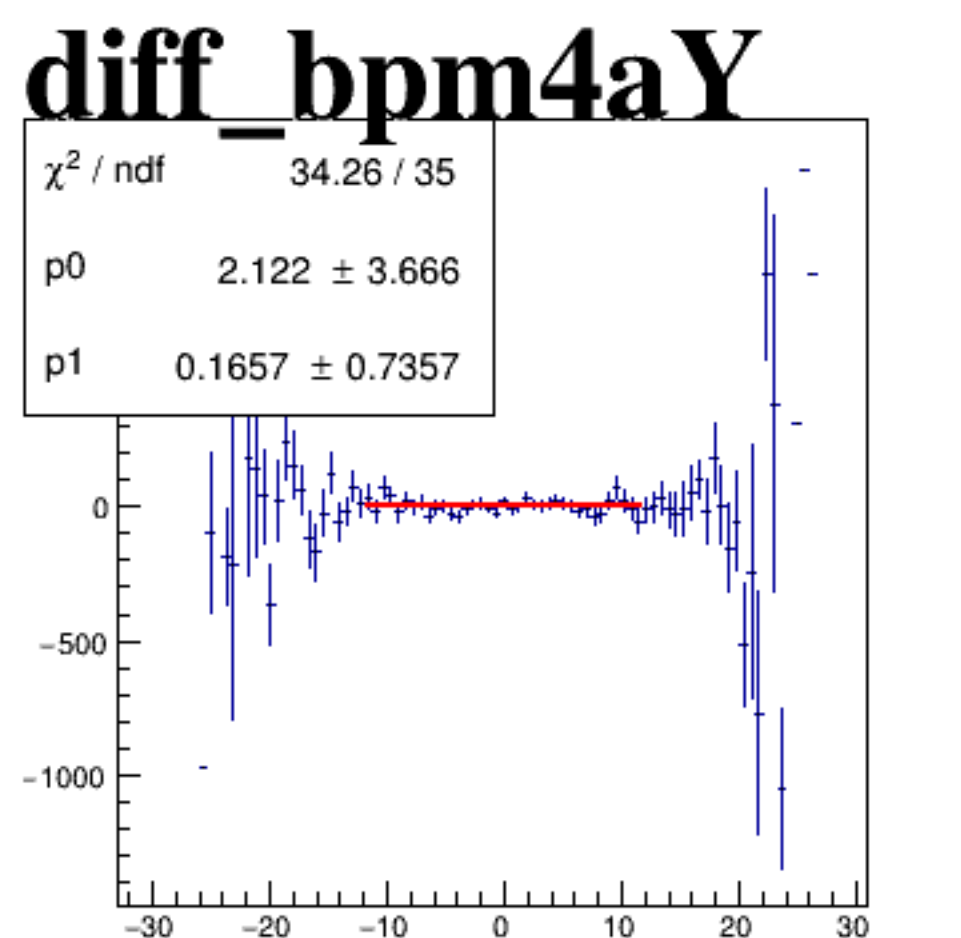
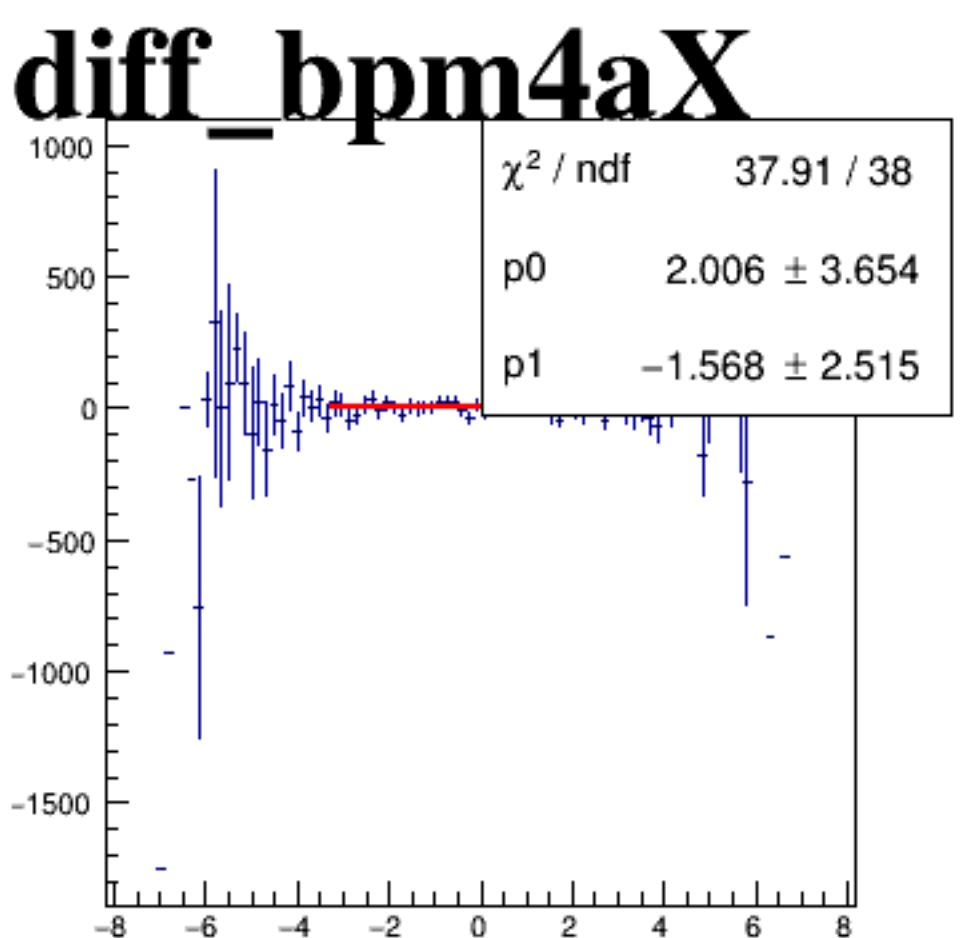
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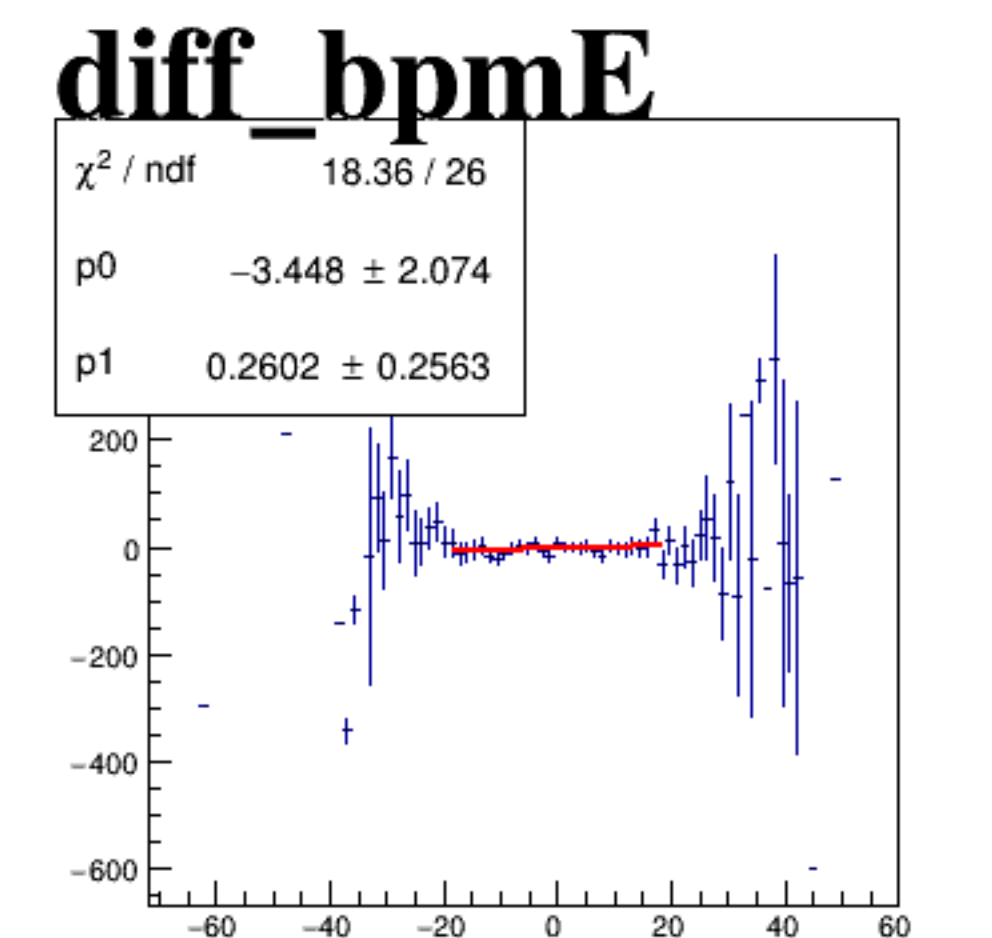
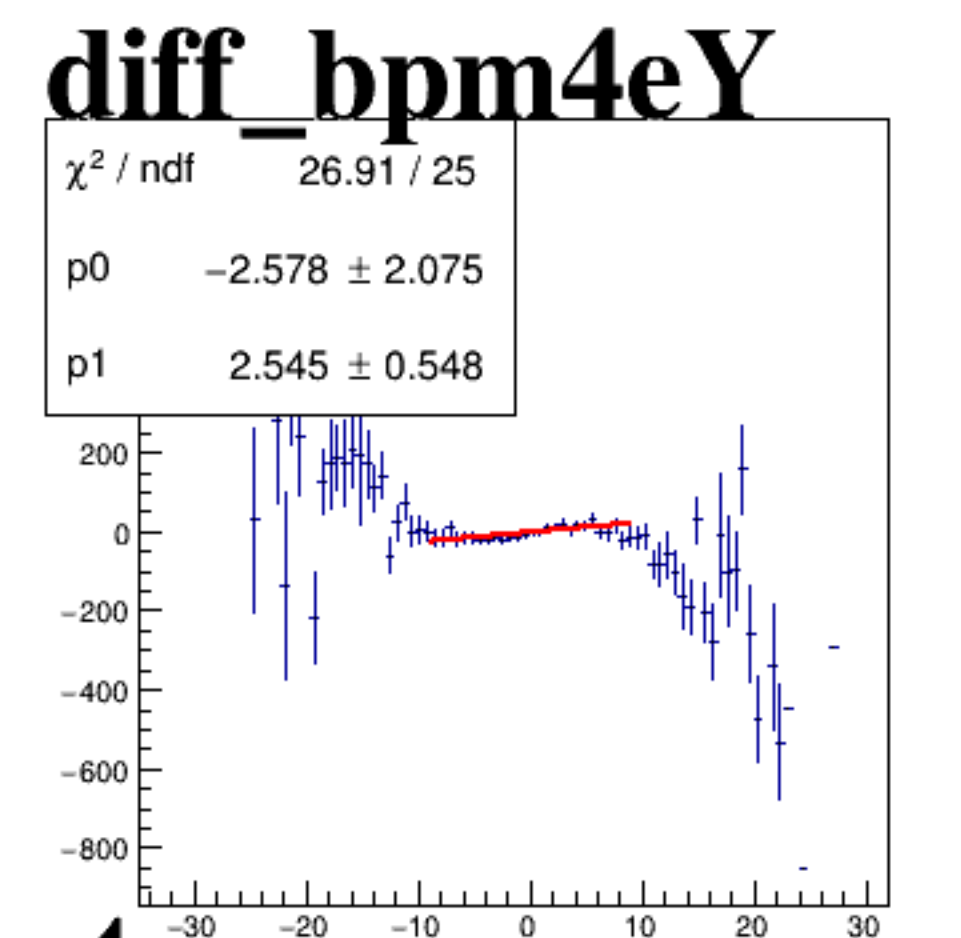
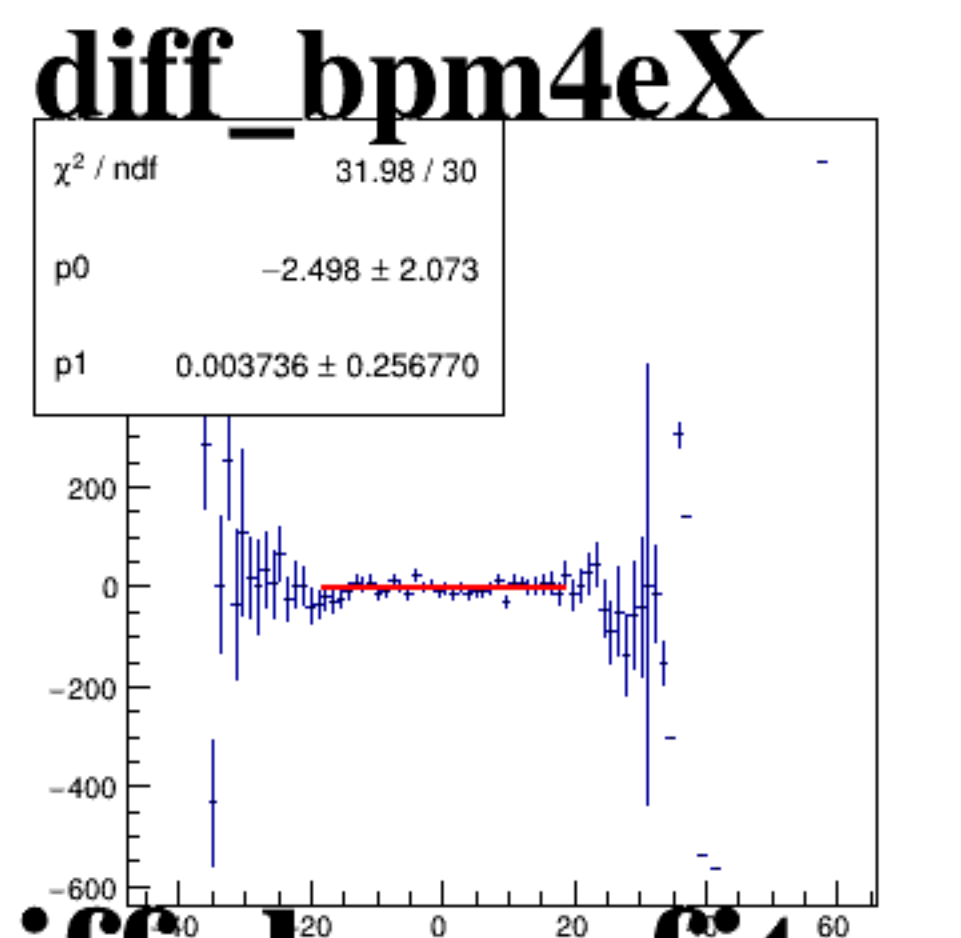
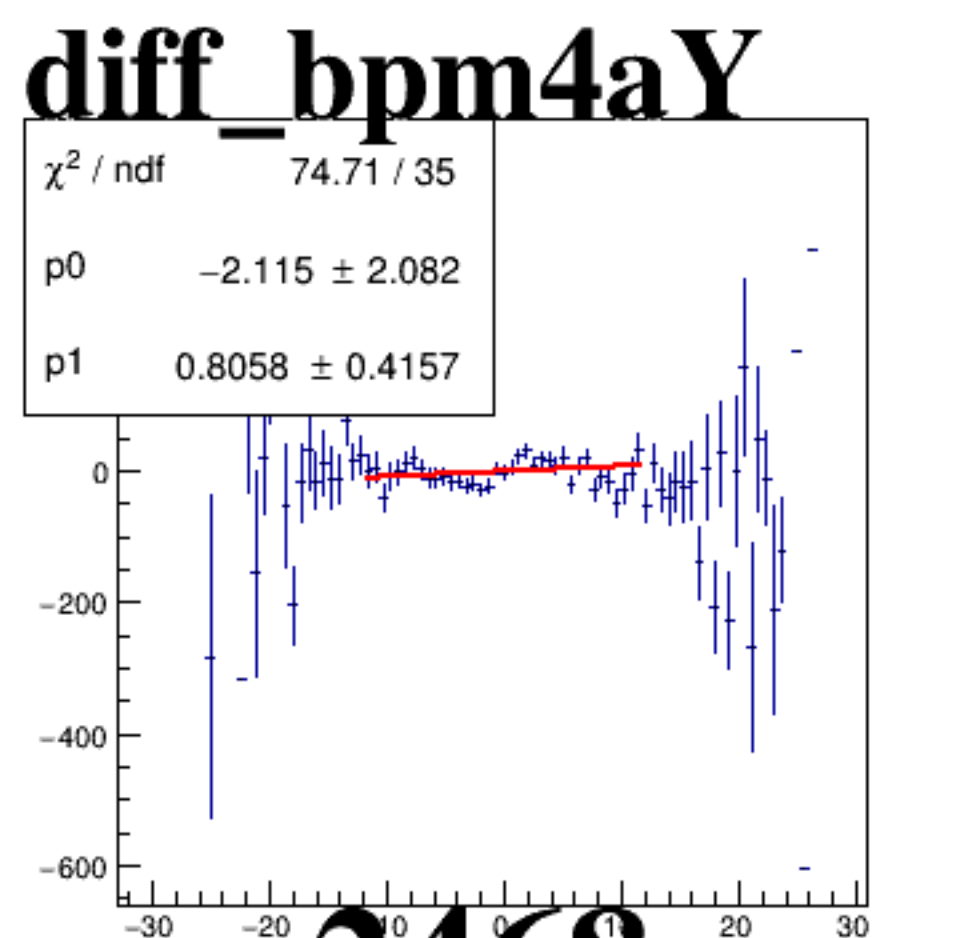
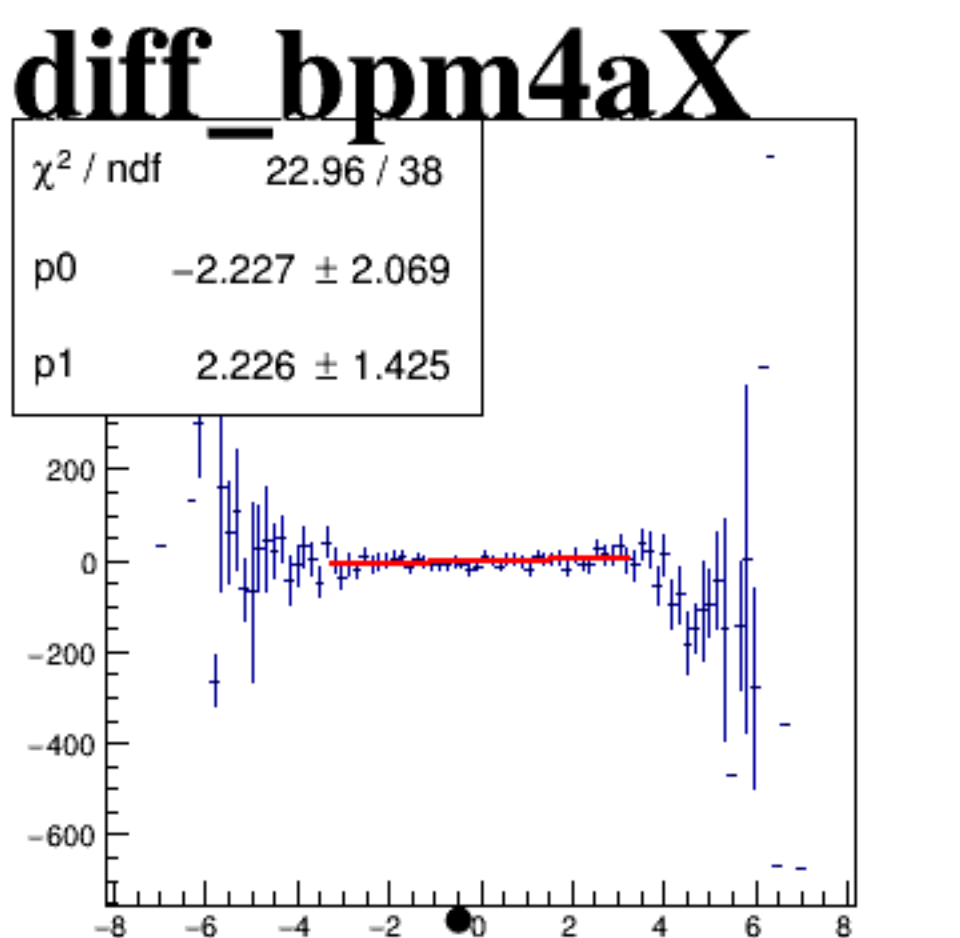
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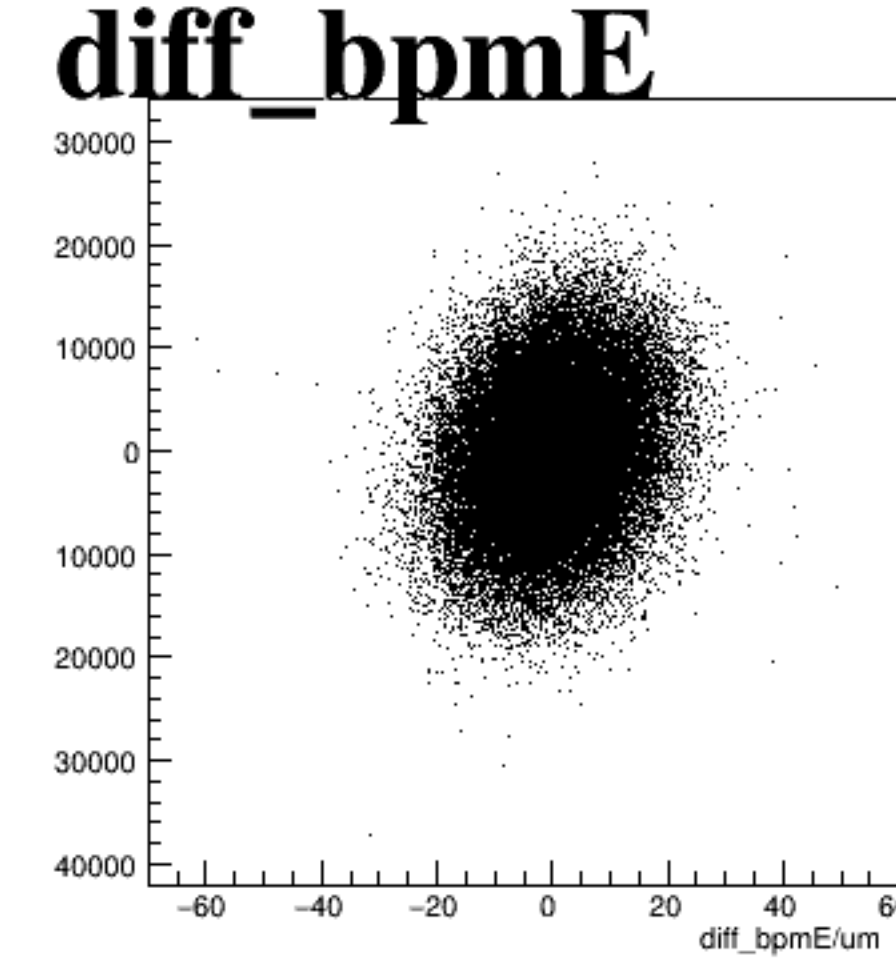
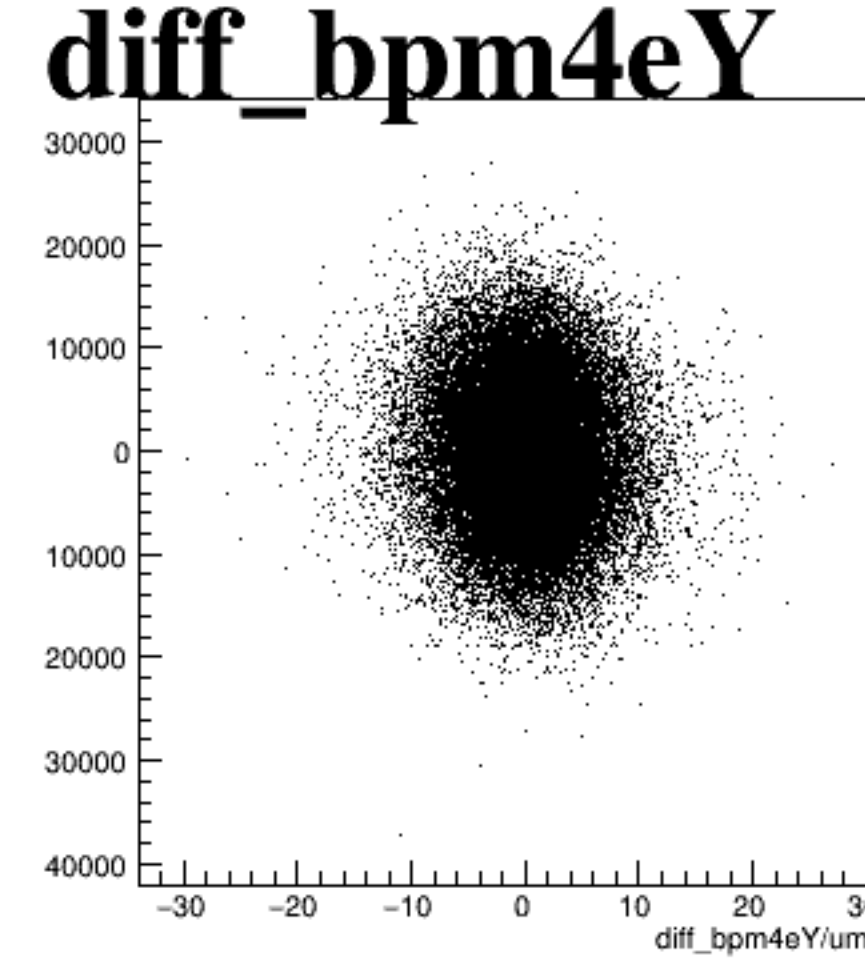
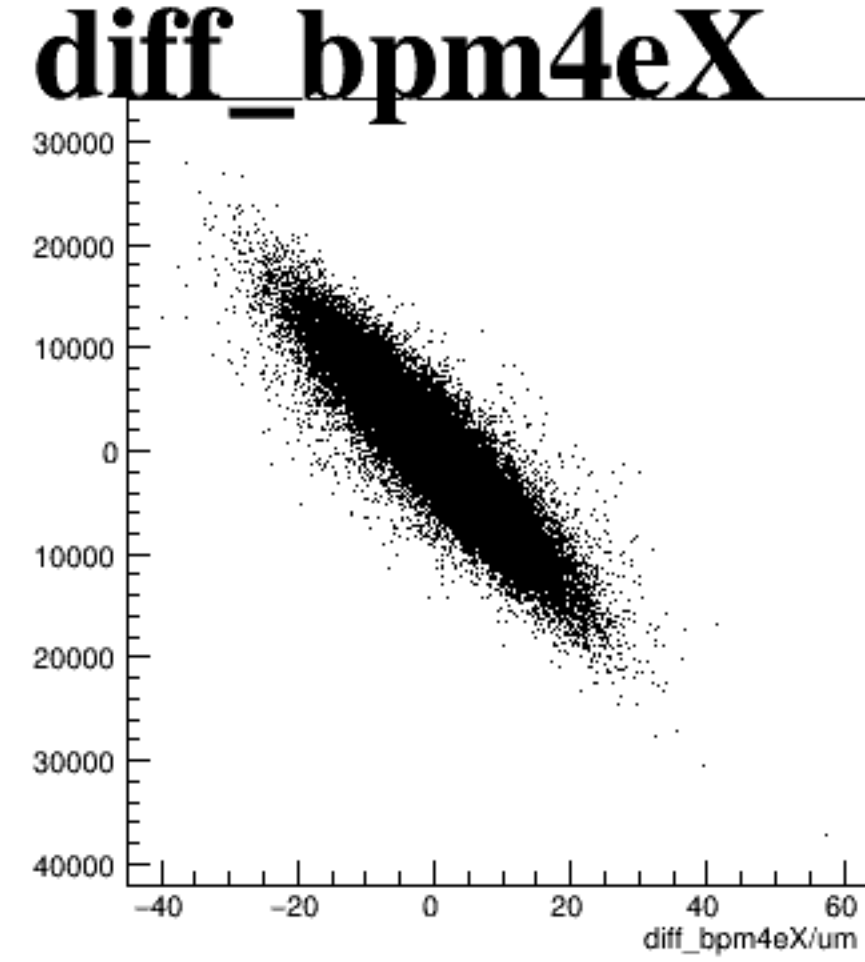
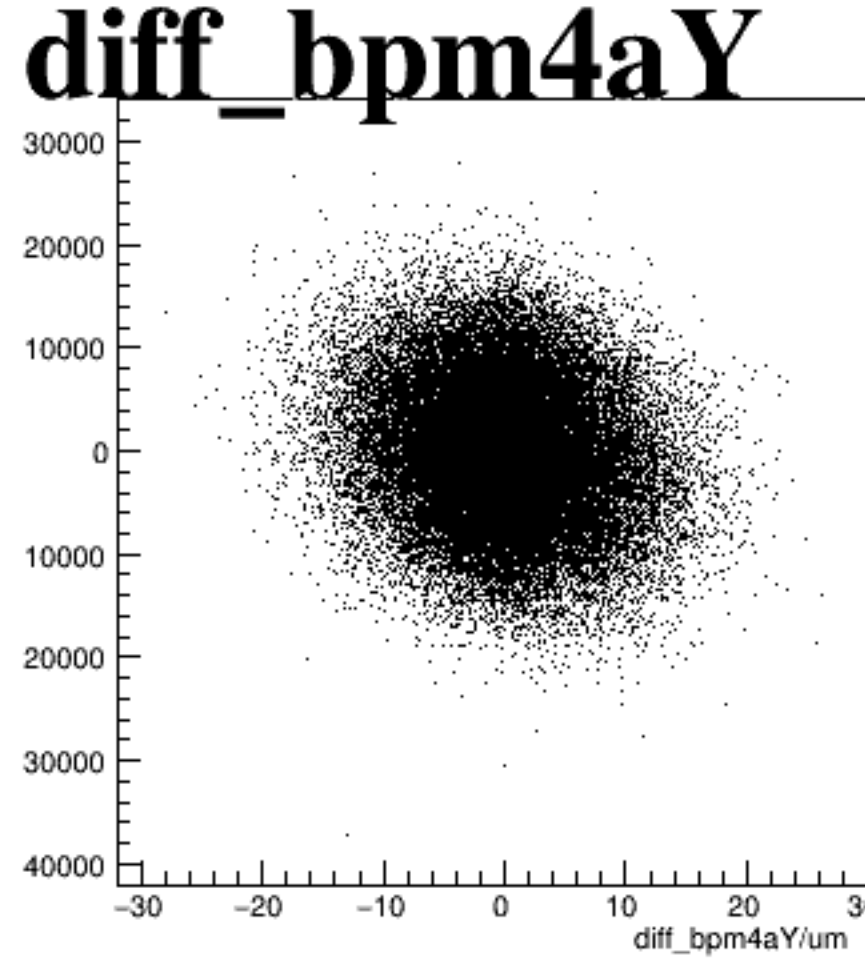
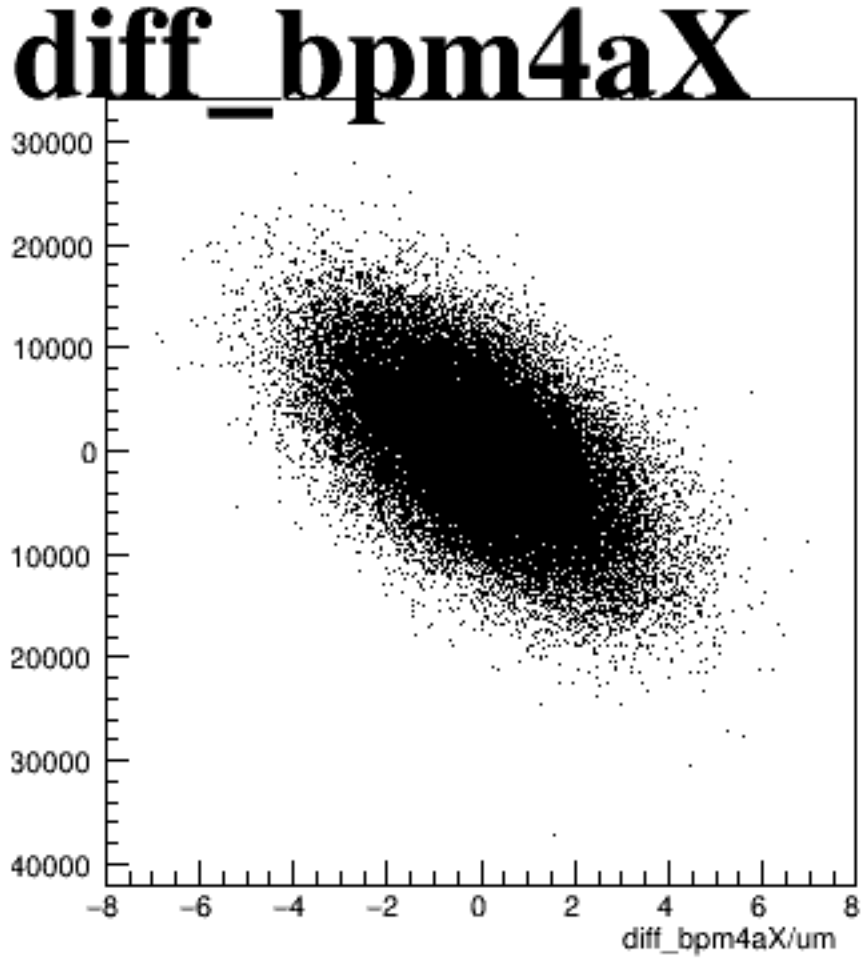
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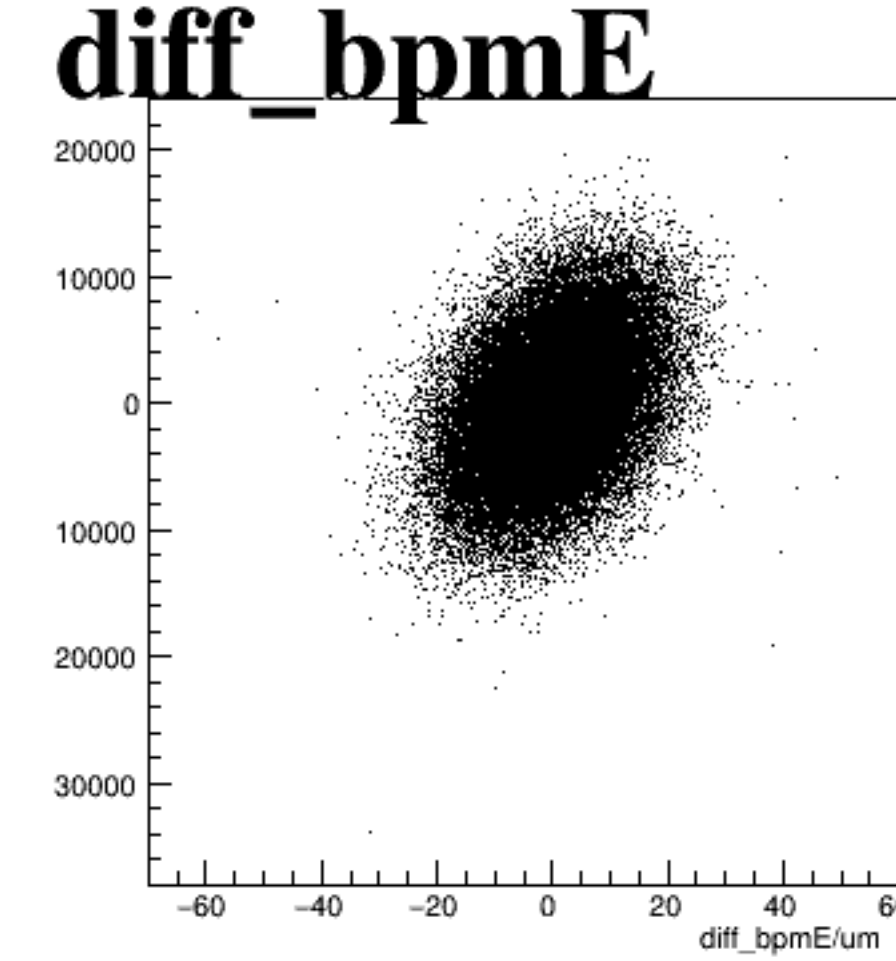
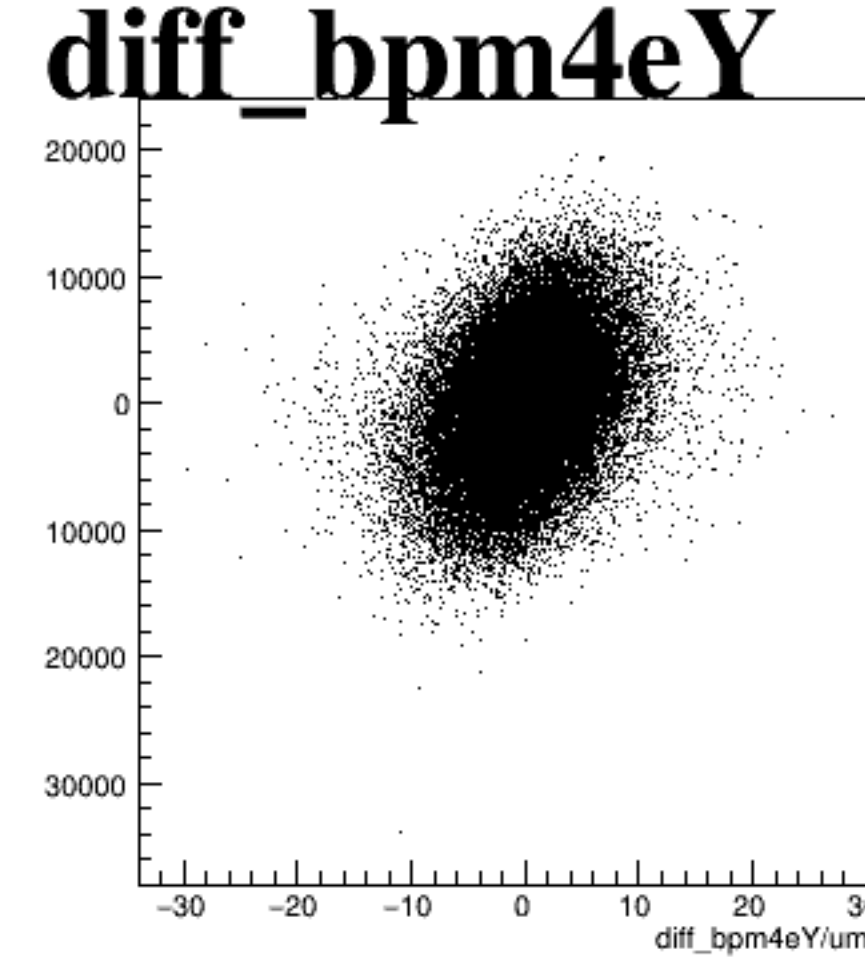
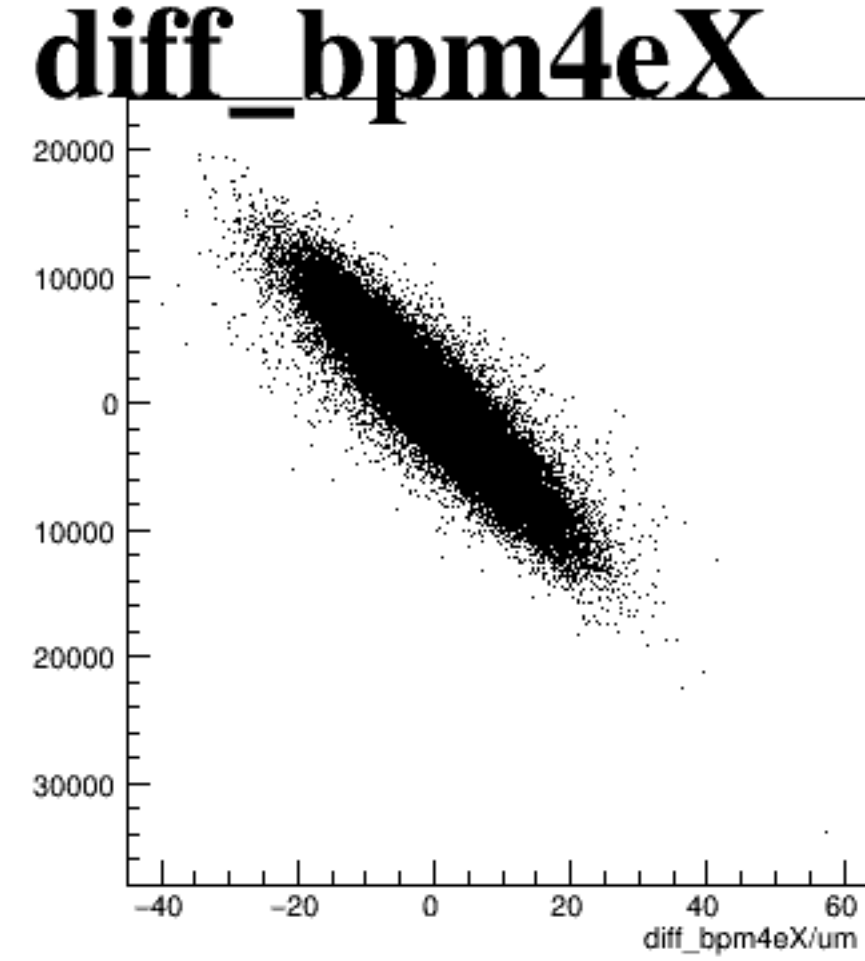
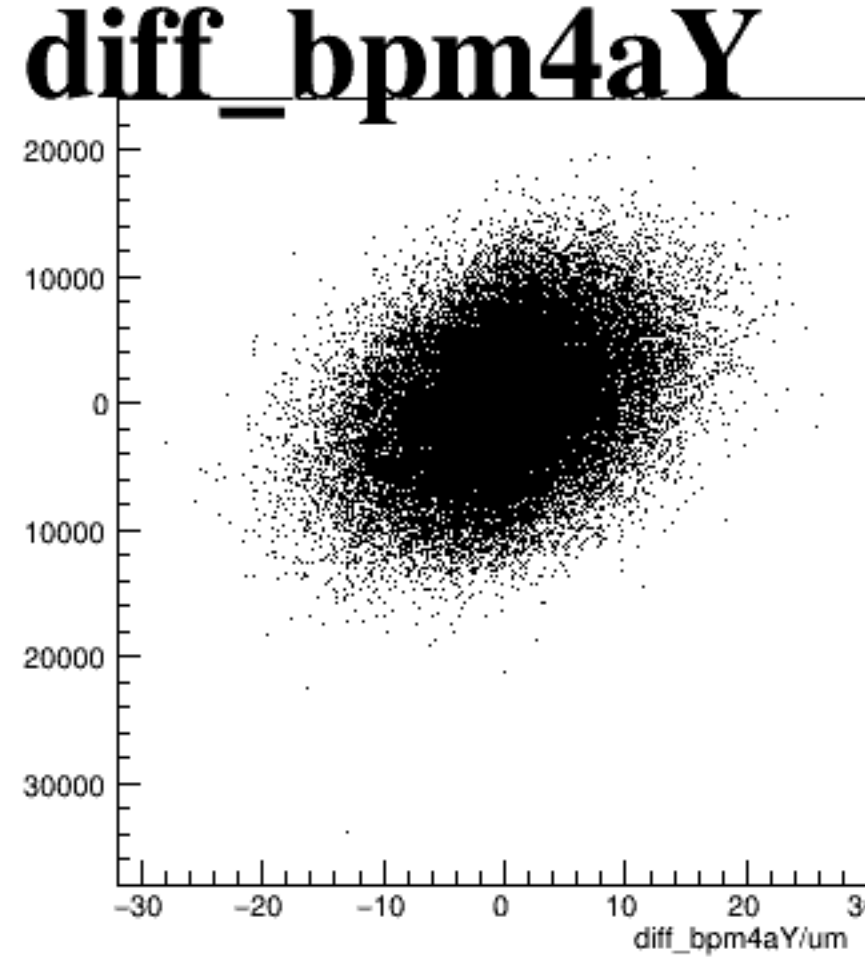
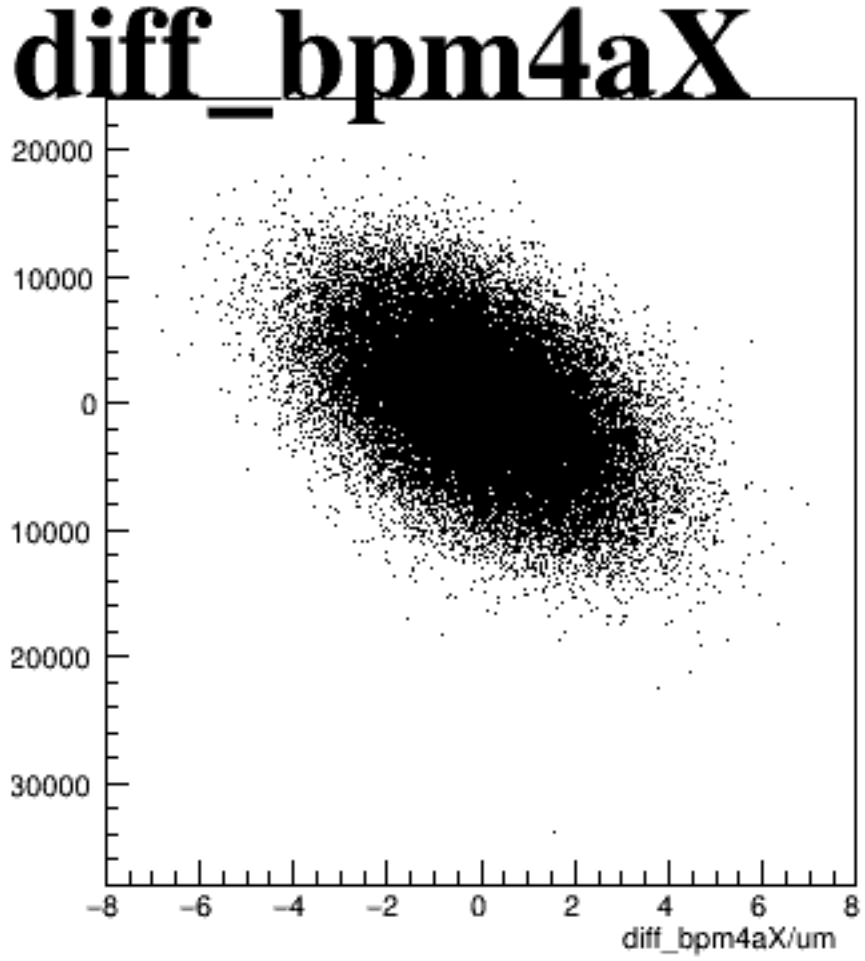
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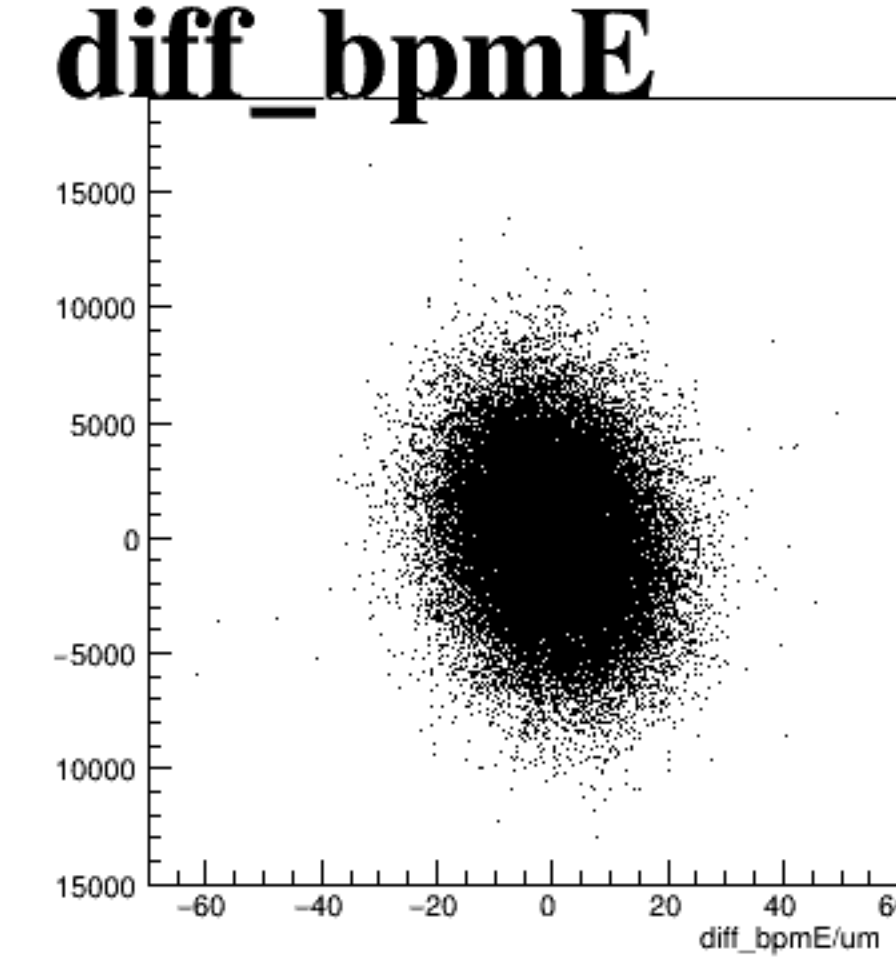
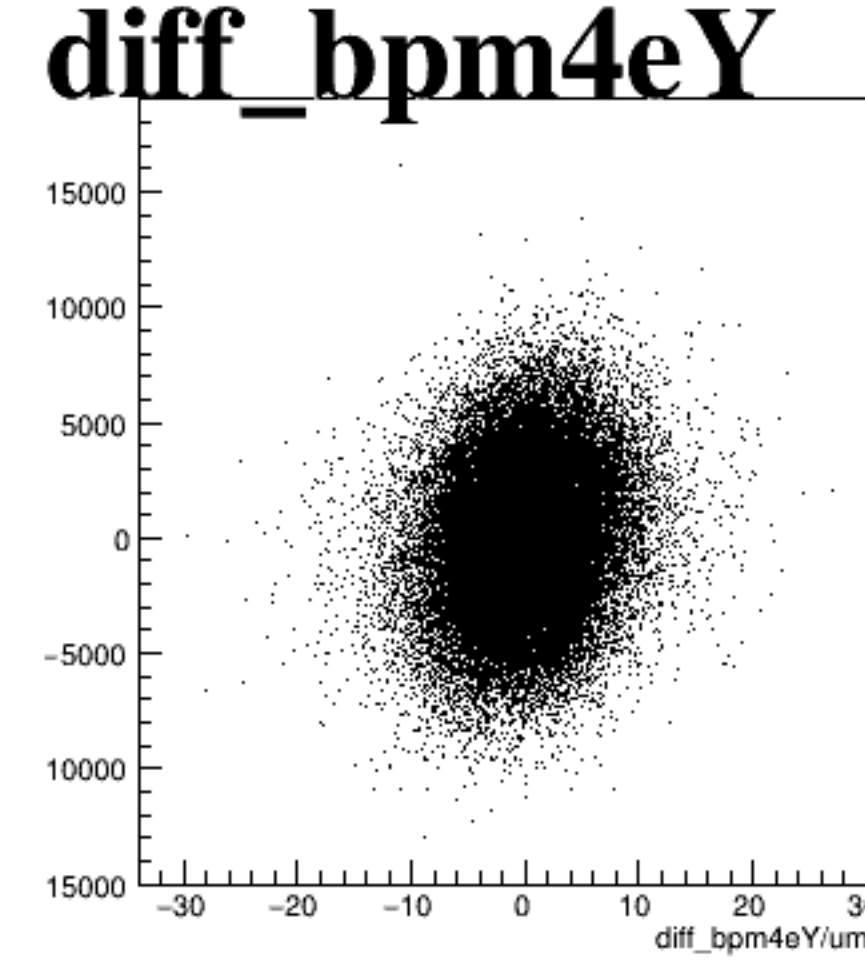
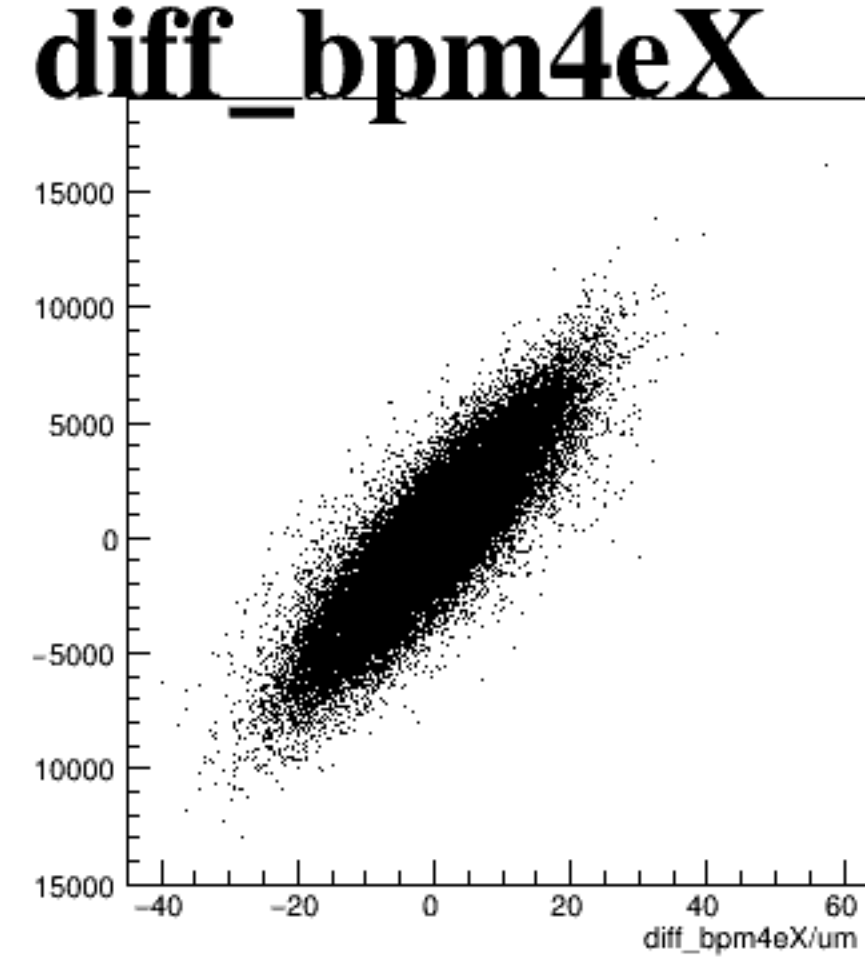
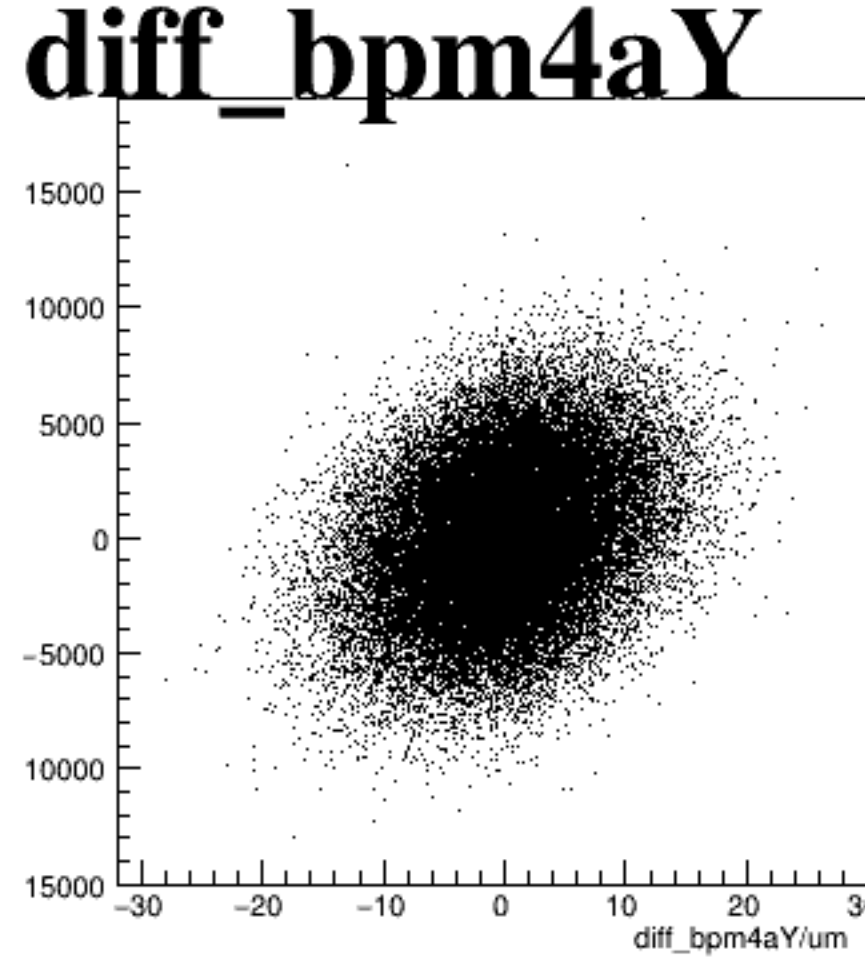
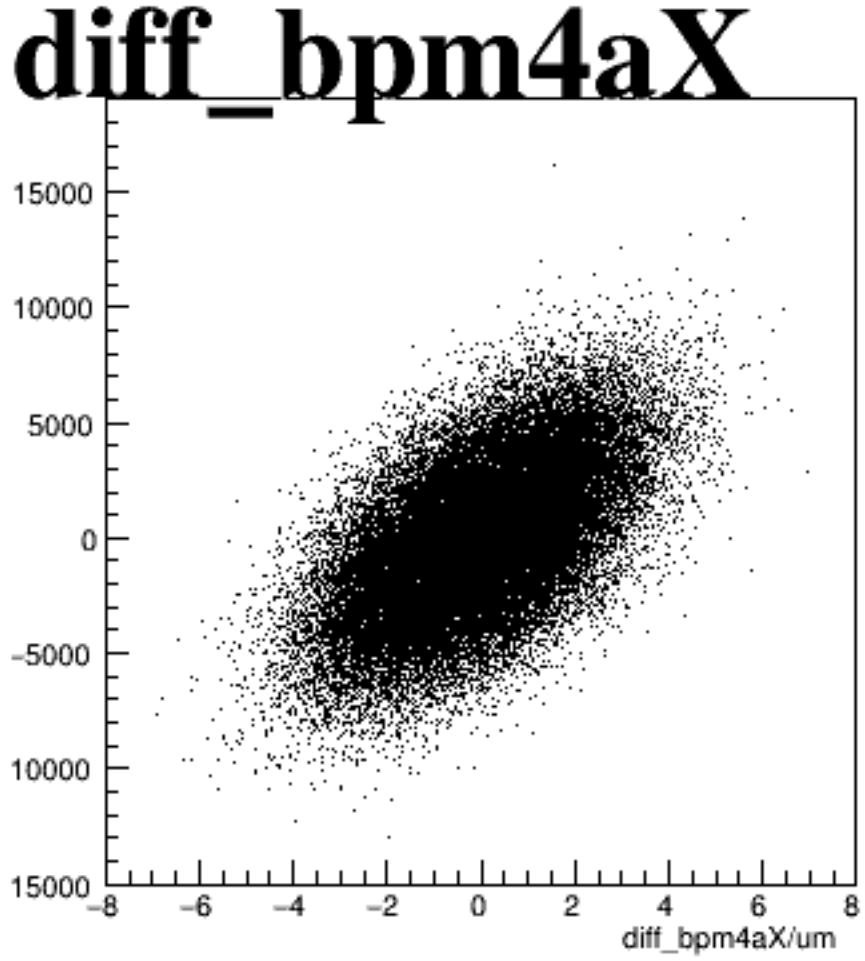
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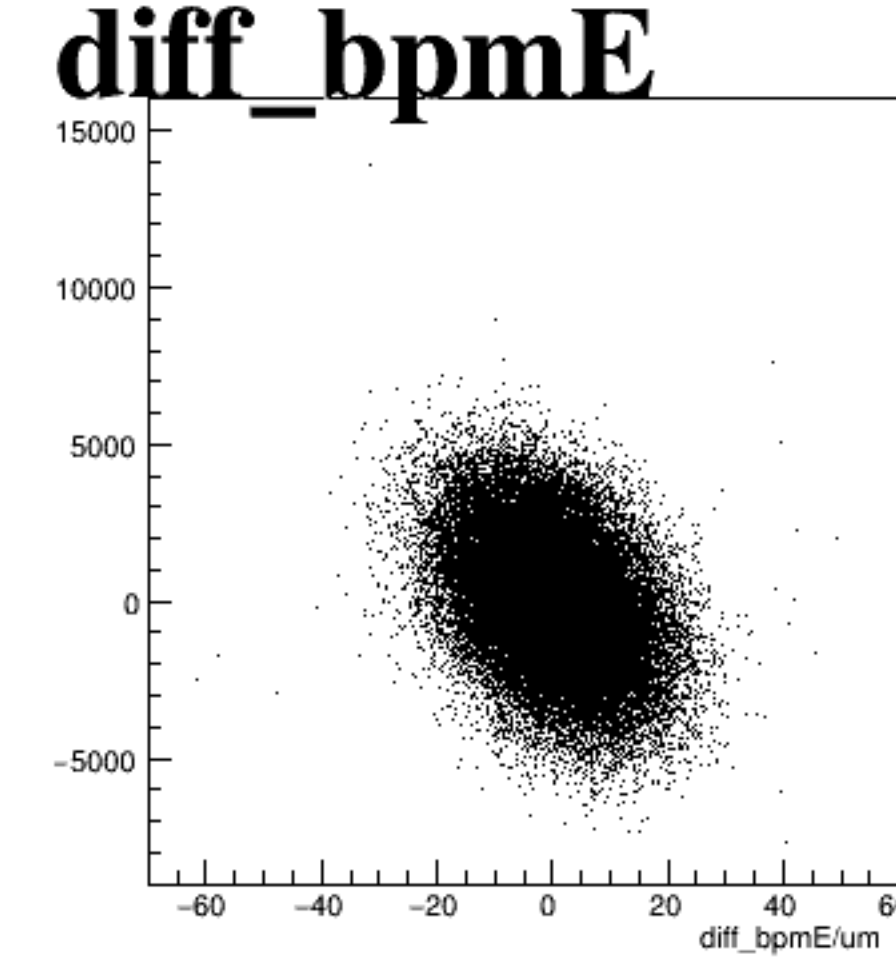
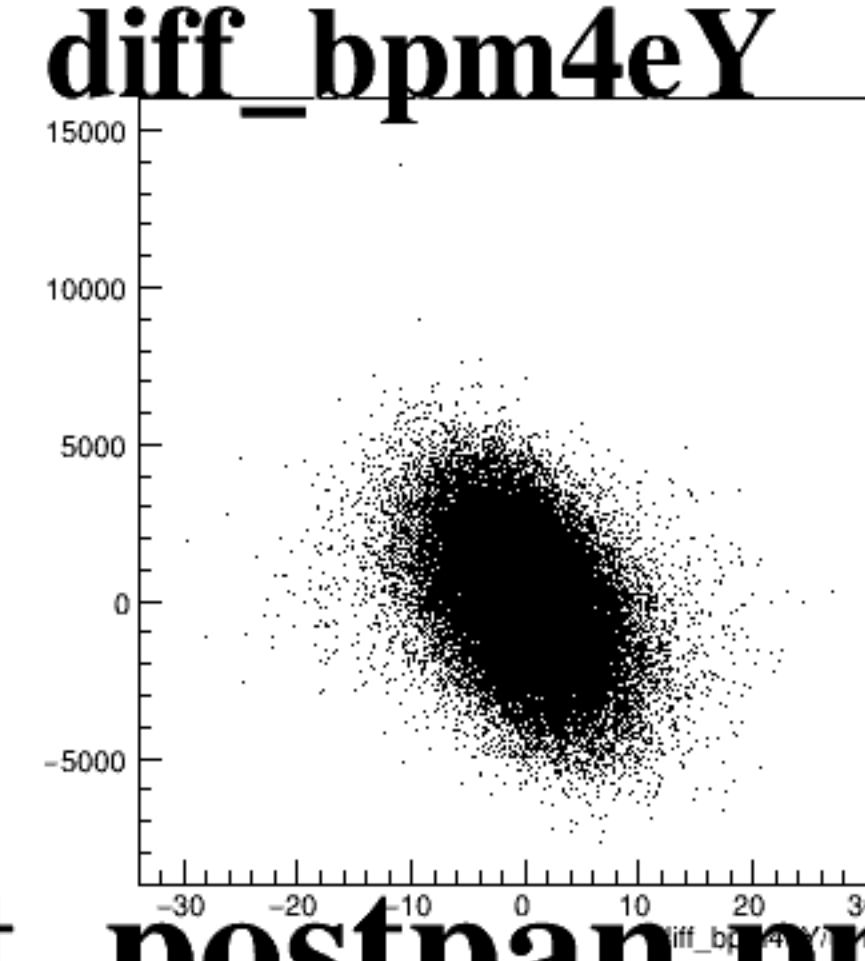
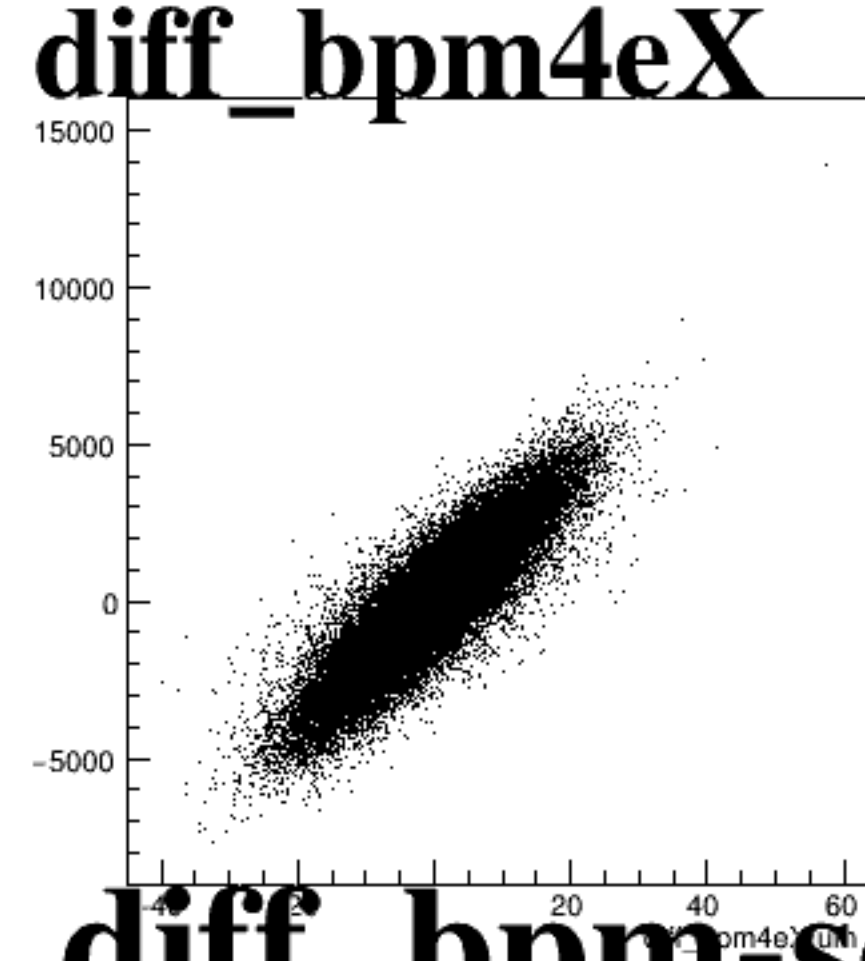
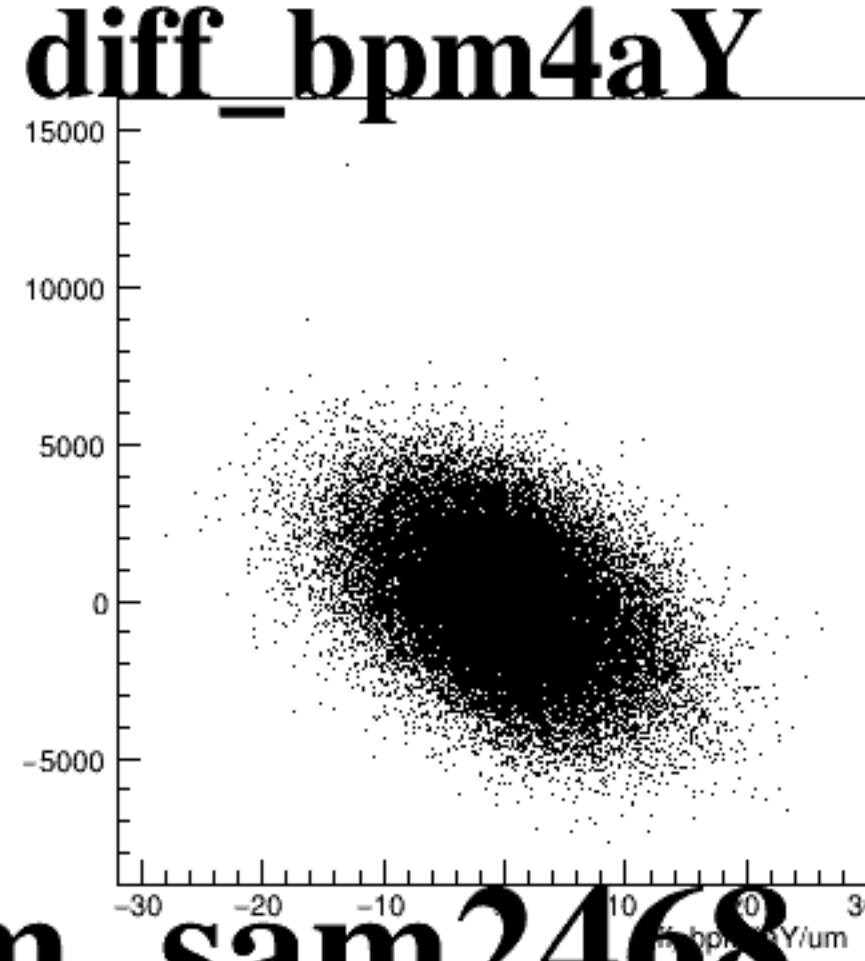
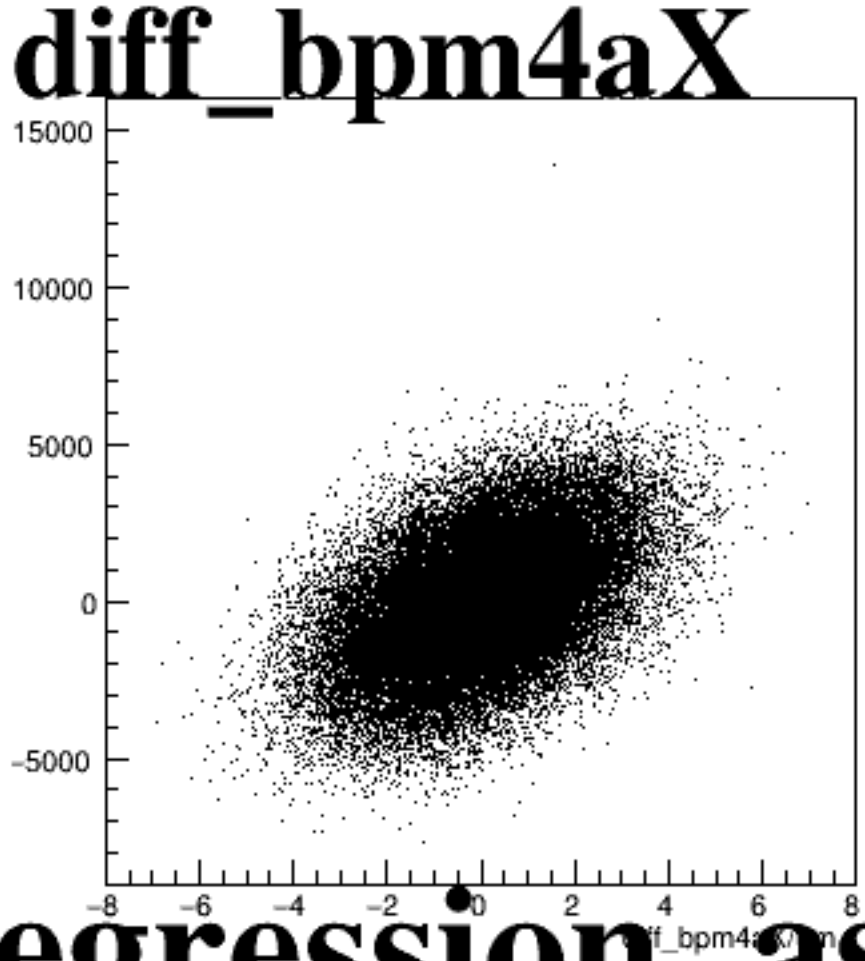
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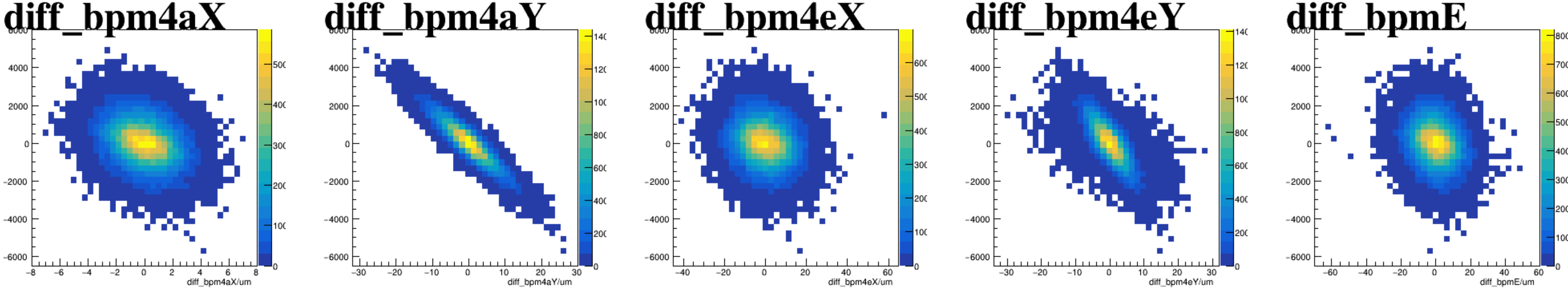


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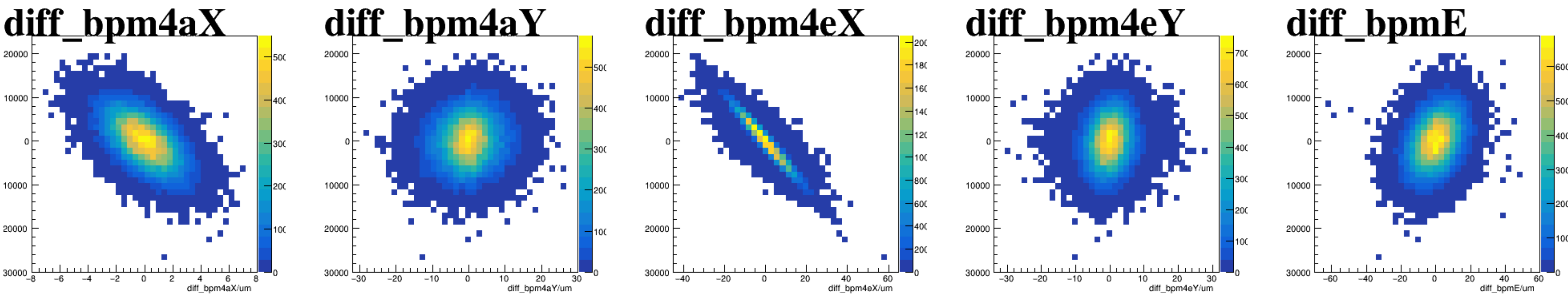


The figure displays five scatter plots, each representing a comparison between a regression method (y-axis) and a scatter method (x-axis) for different variables. The variables are bpm4aX, bpm4aY, bpm4eX, bpm4eY, and bpmE. The regression methods compared are 'regression-reg' and 'sam2468'. The scatter methods compared are 'bpm4aX-scatter', 'bpm4aY-scatter', 'bpm4eX-scatter', 'bpm4eY-scatter', and 'bpmE-scatter'. The plots show a dense cloud of points, indicating a strong correlation between the regression and scatter methods for all variables.

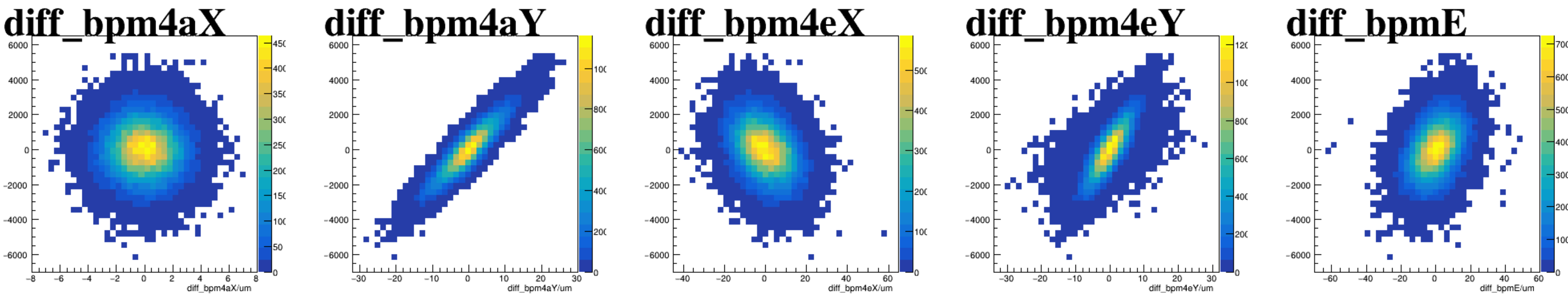
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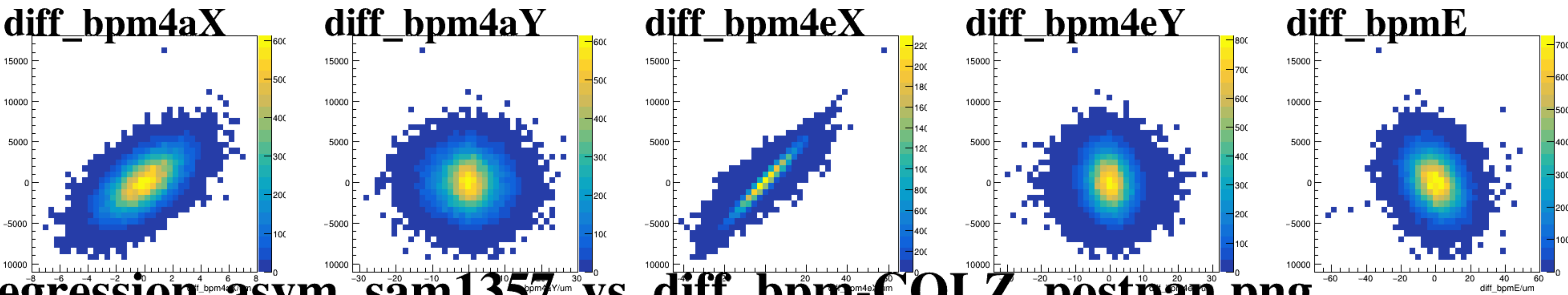
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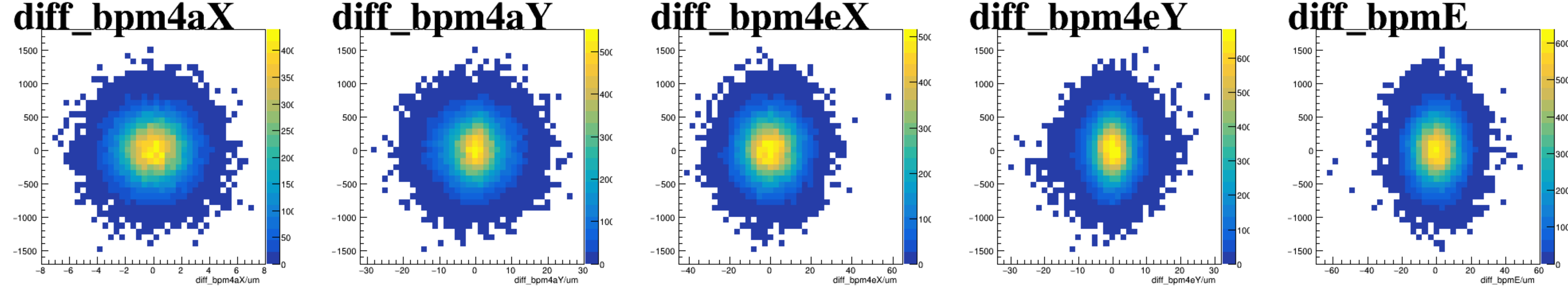
asym_sam5



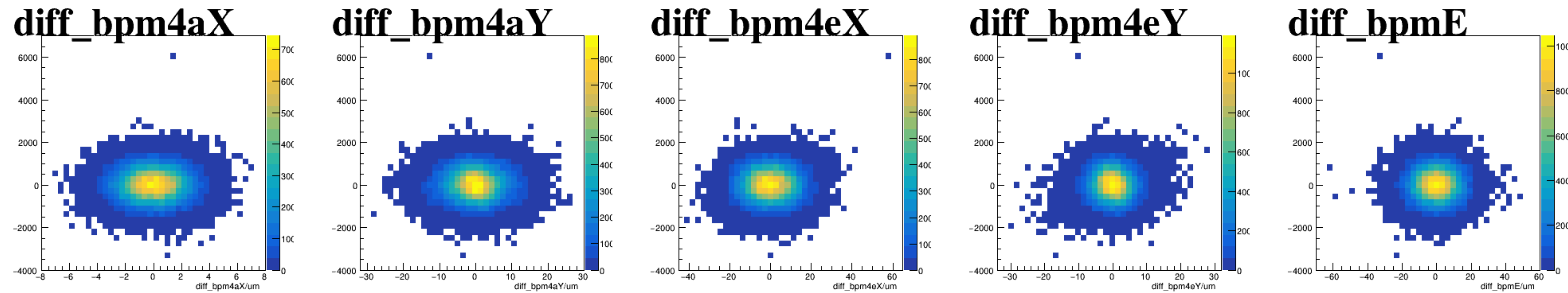
asym_sam7



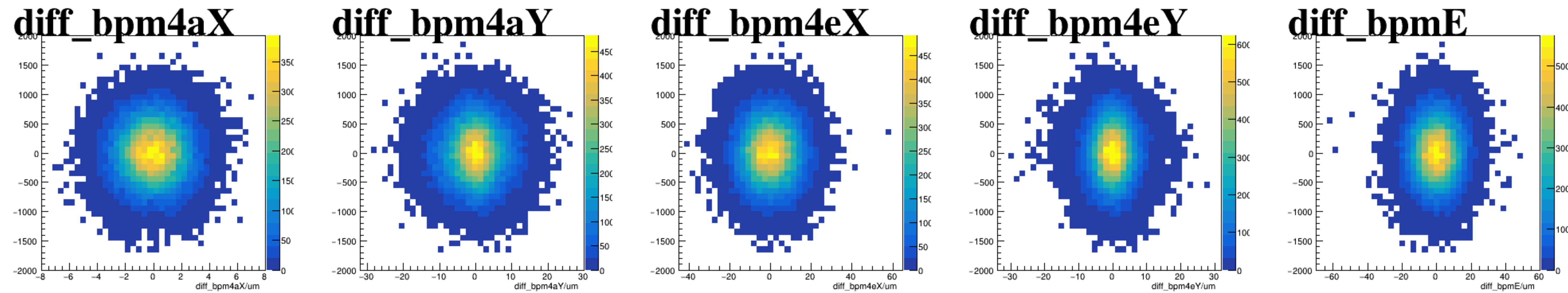
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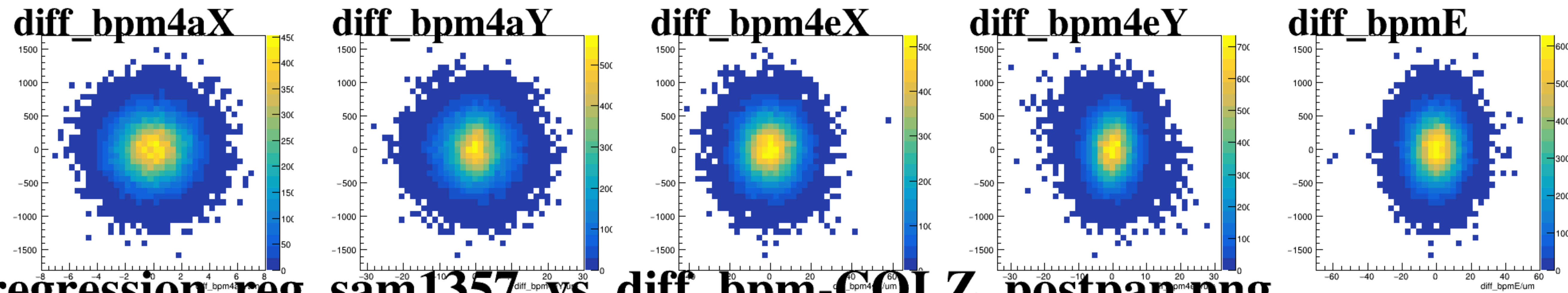
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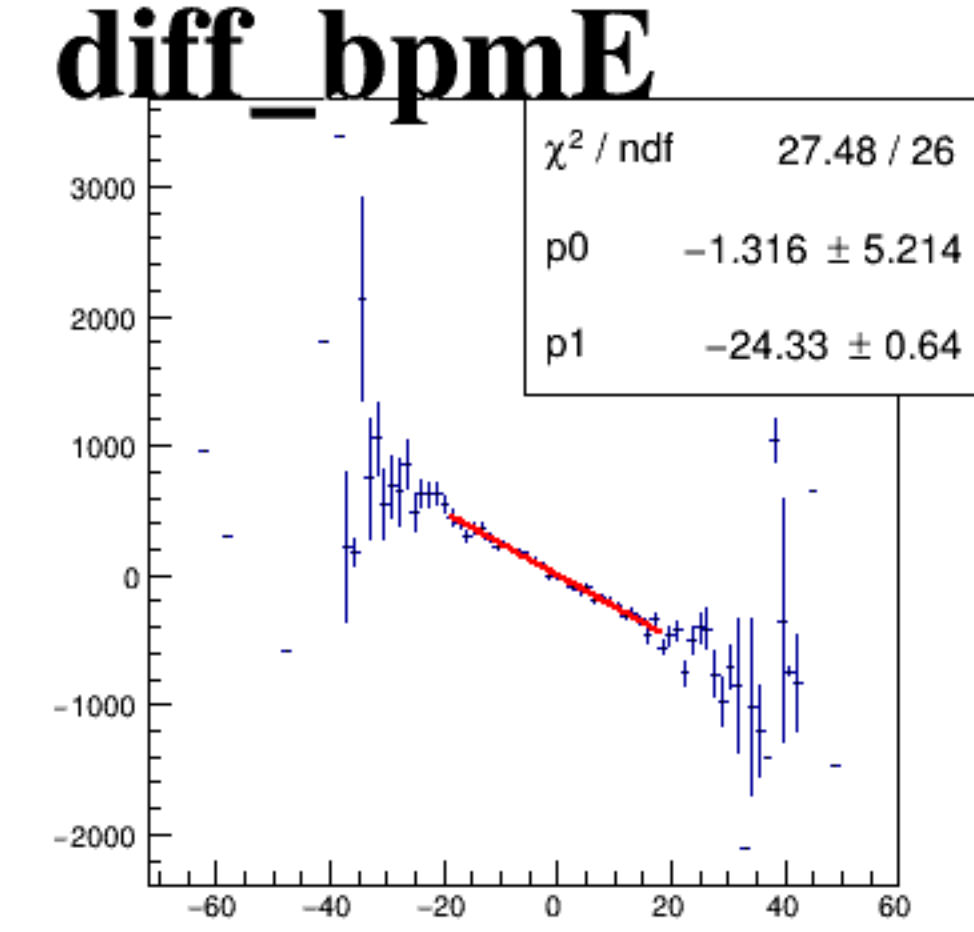
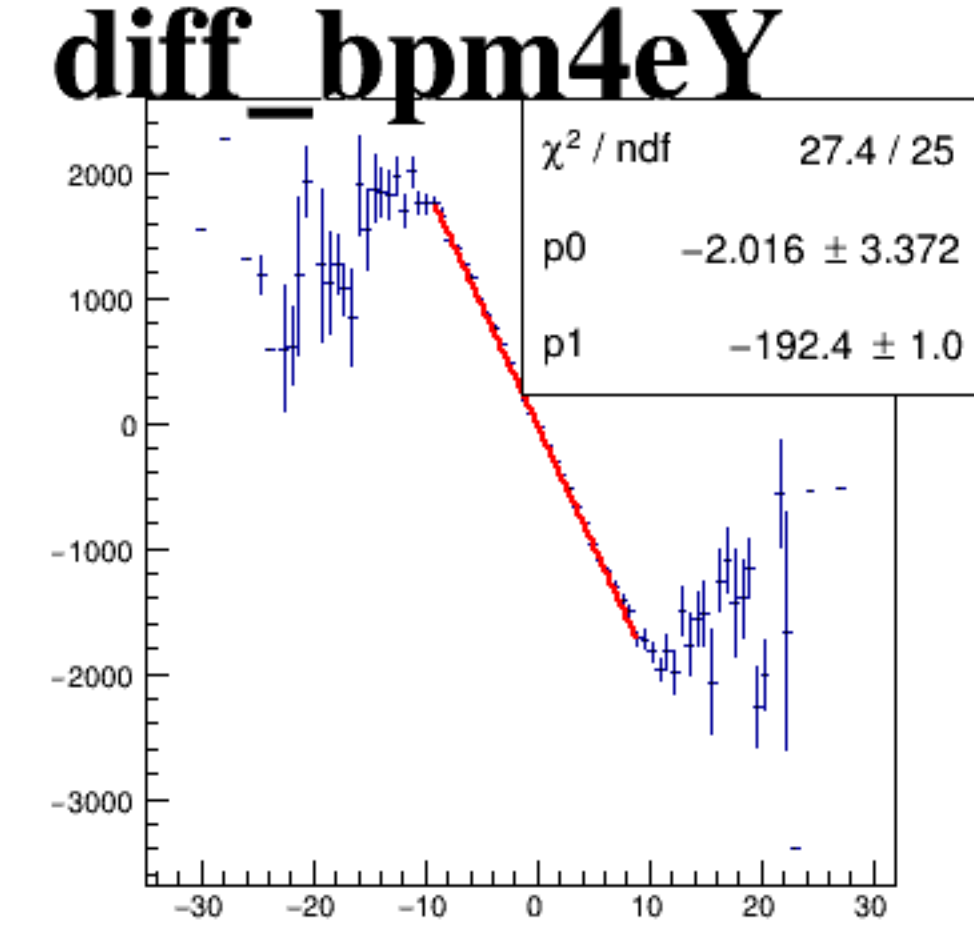
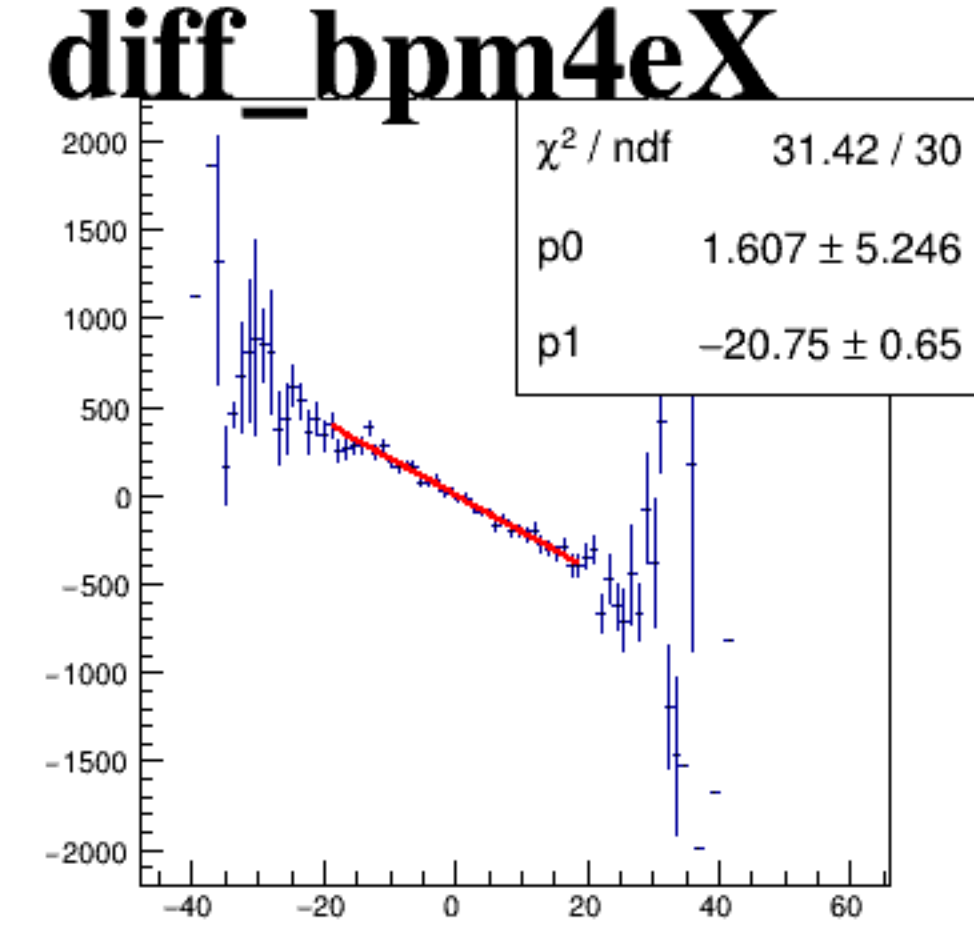
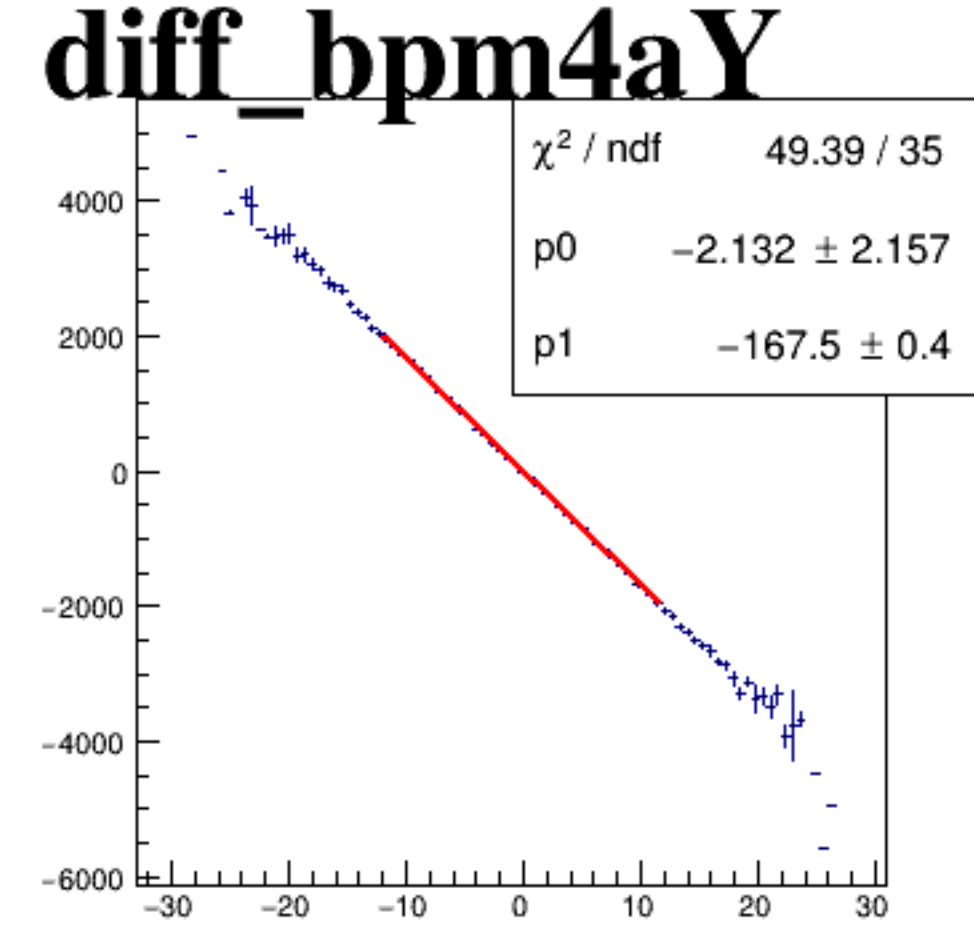
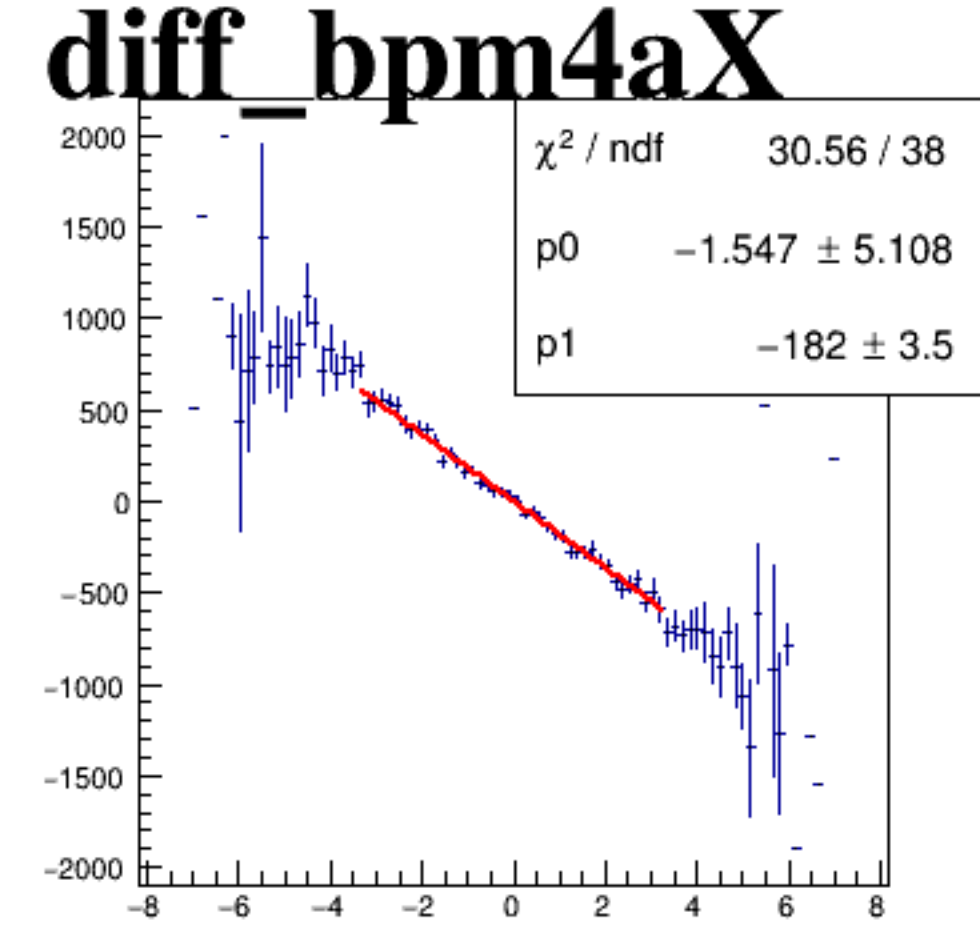
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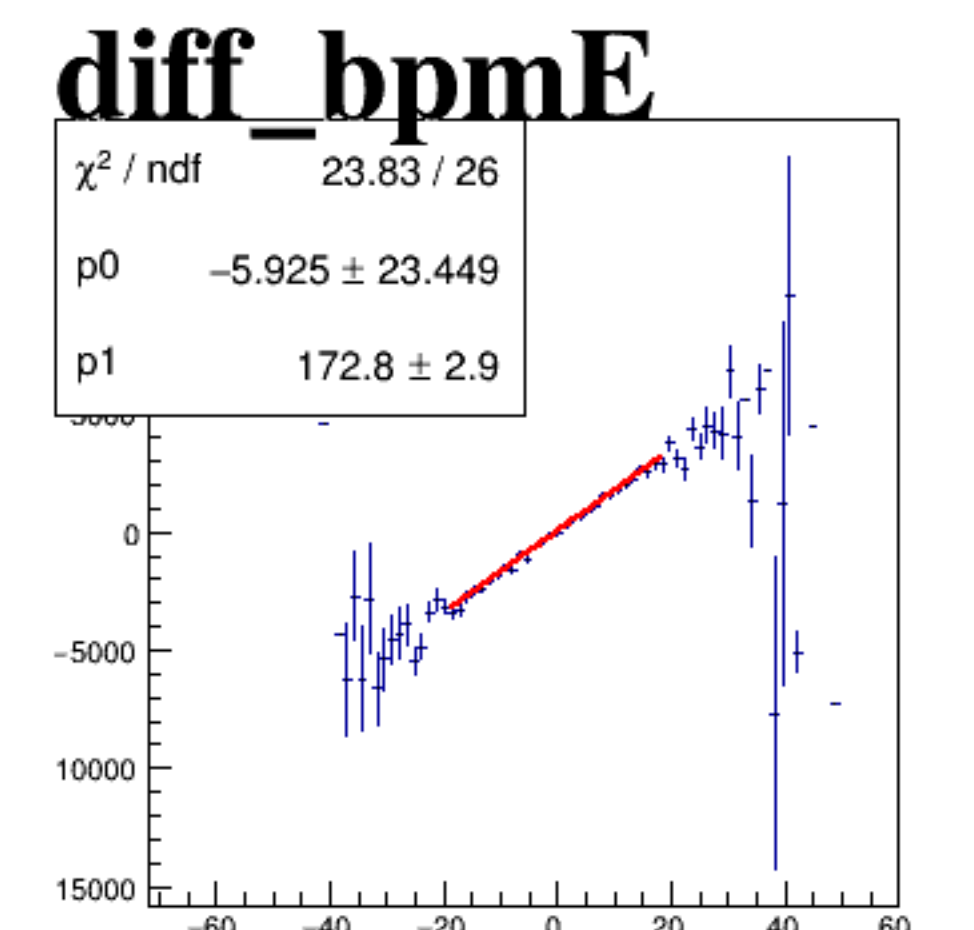
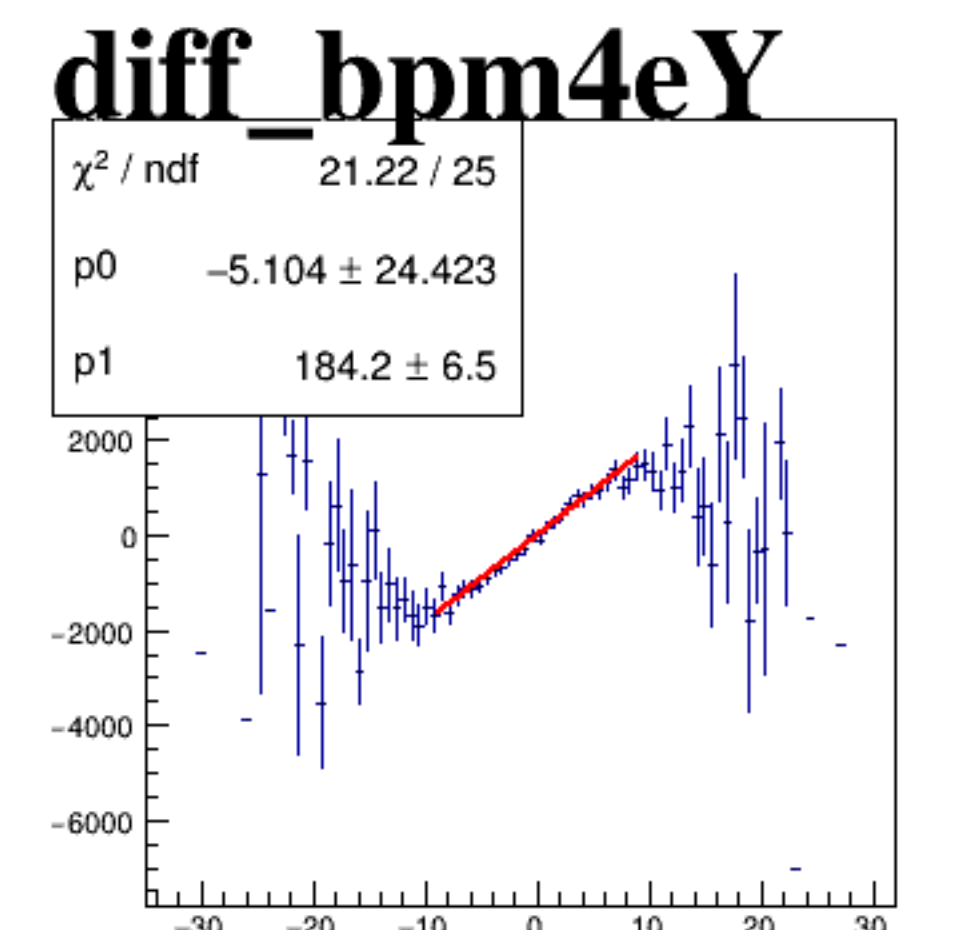
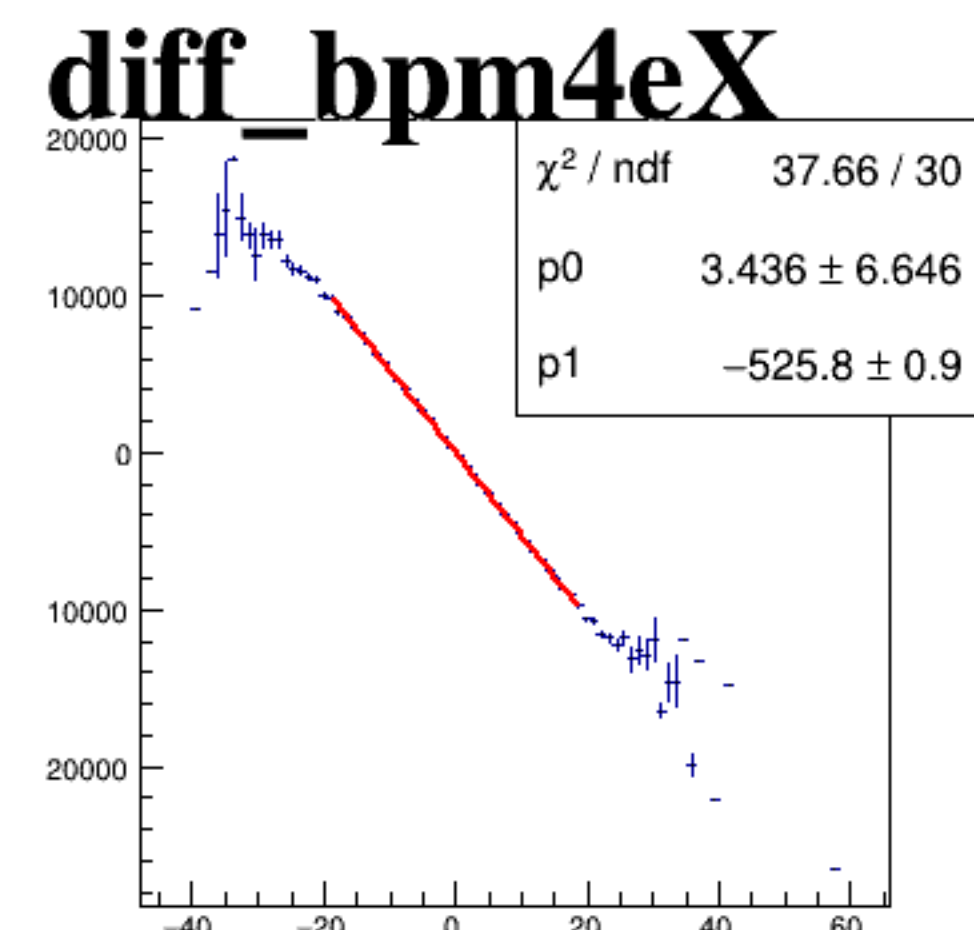
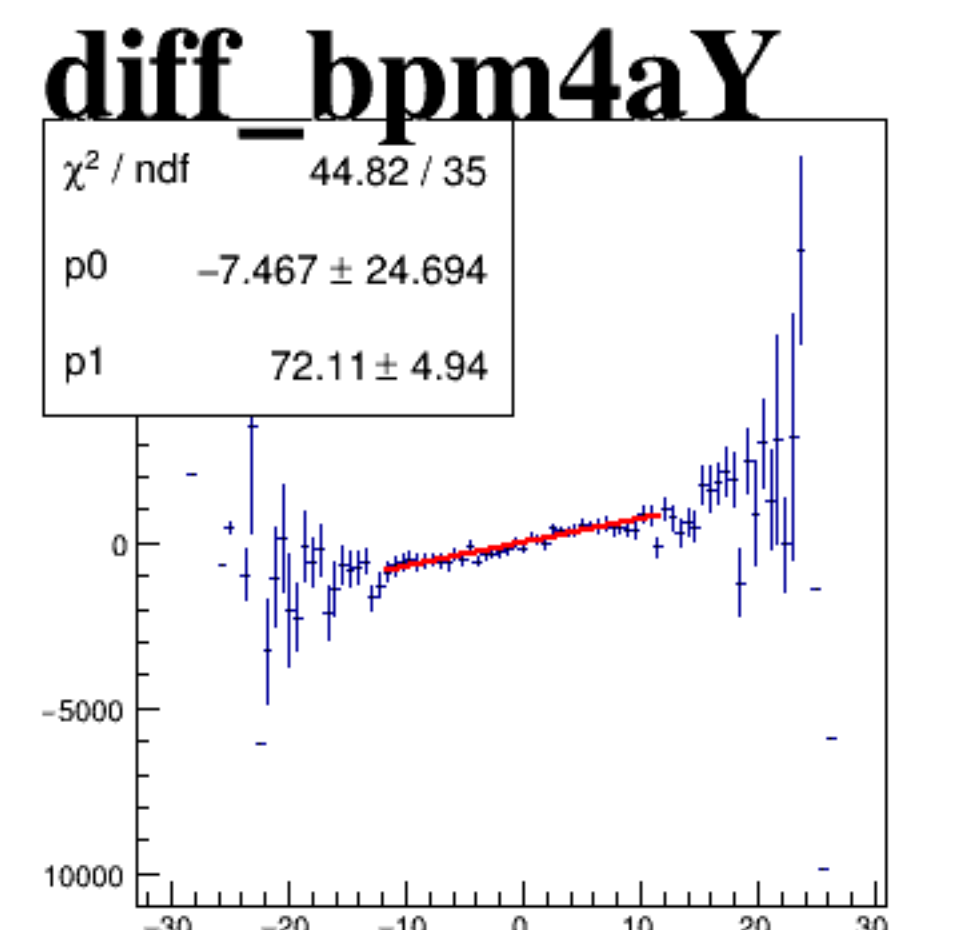
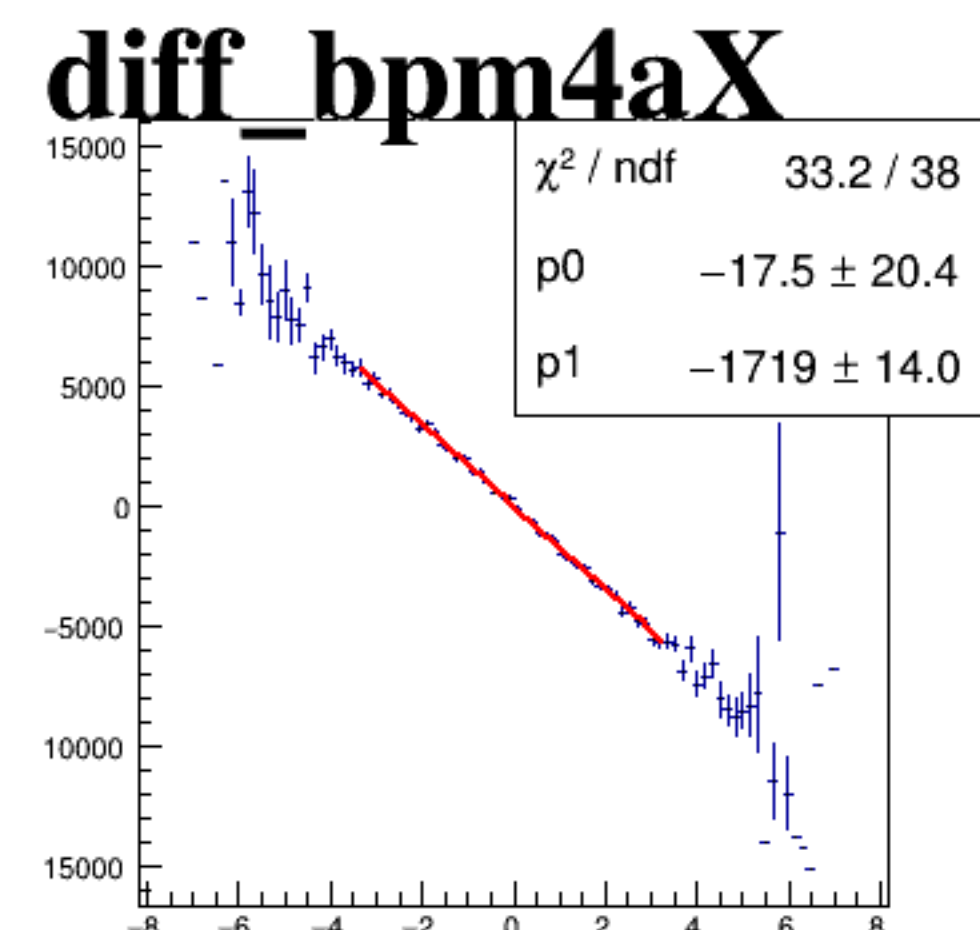
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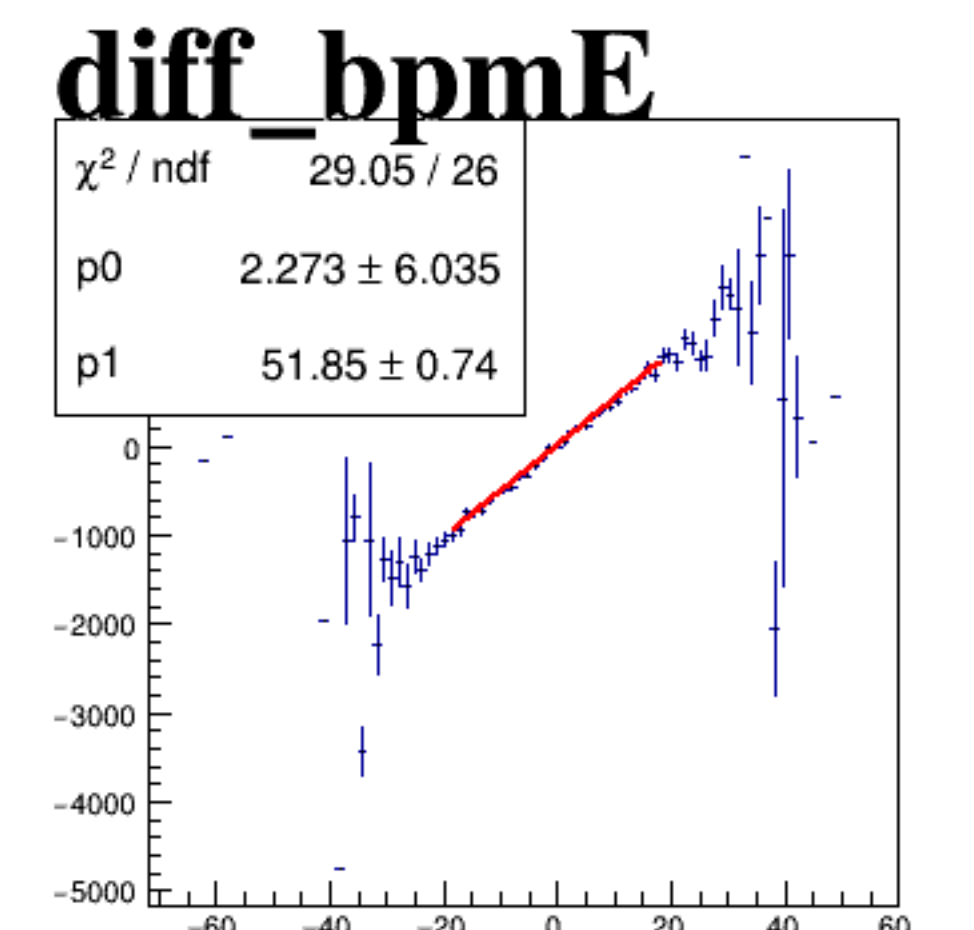
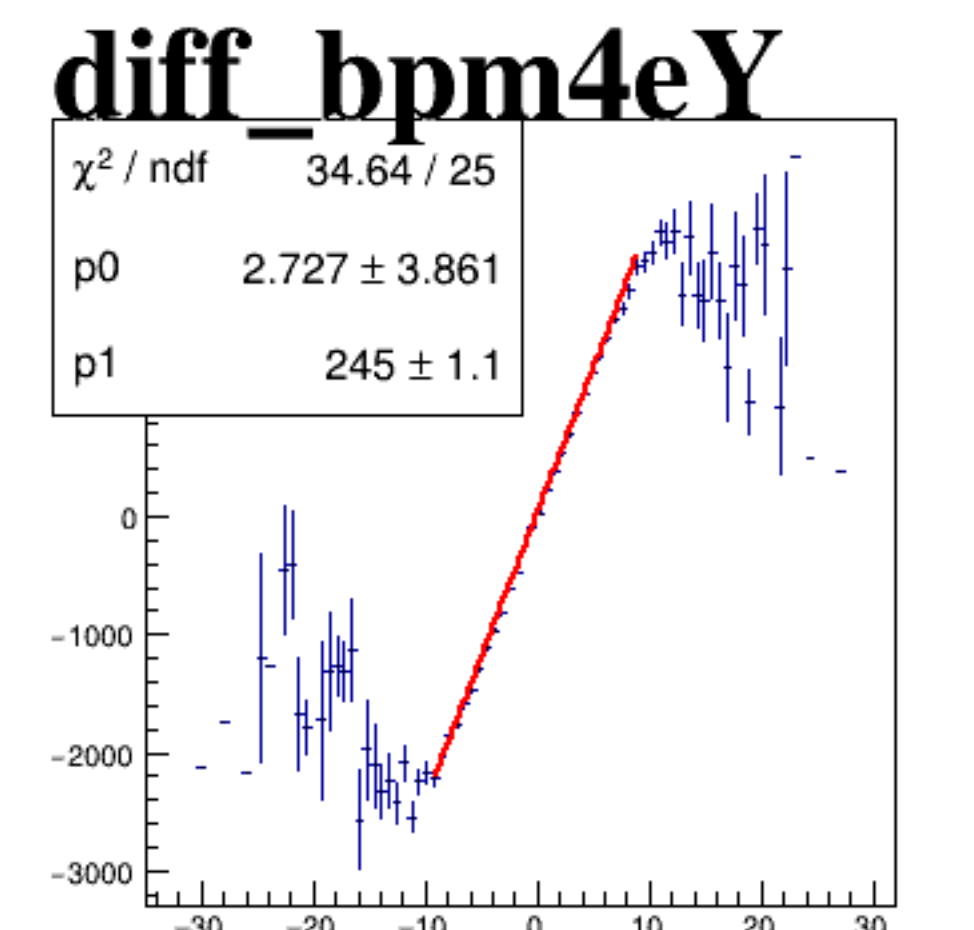
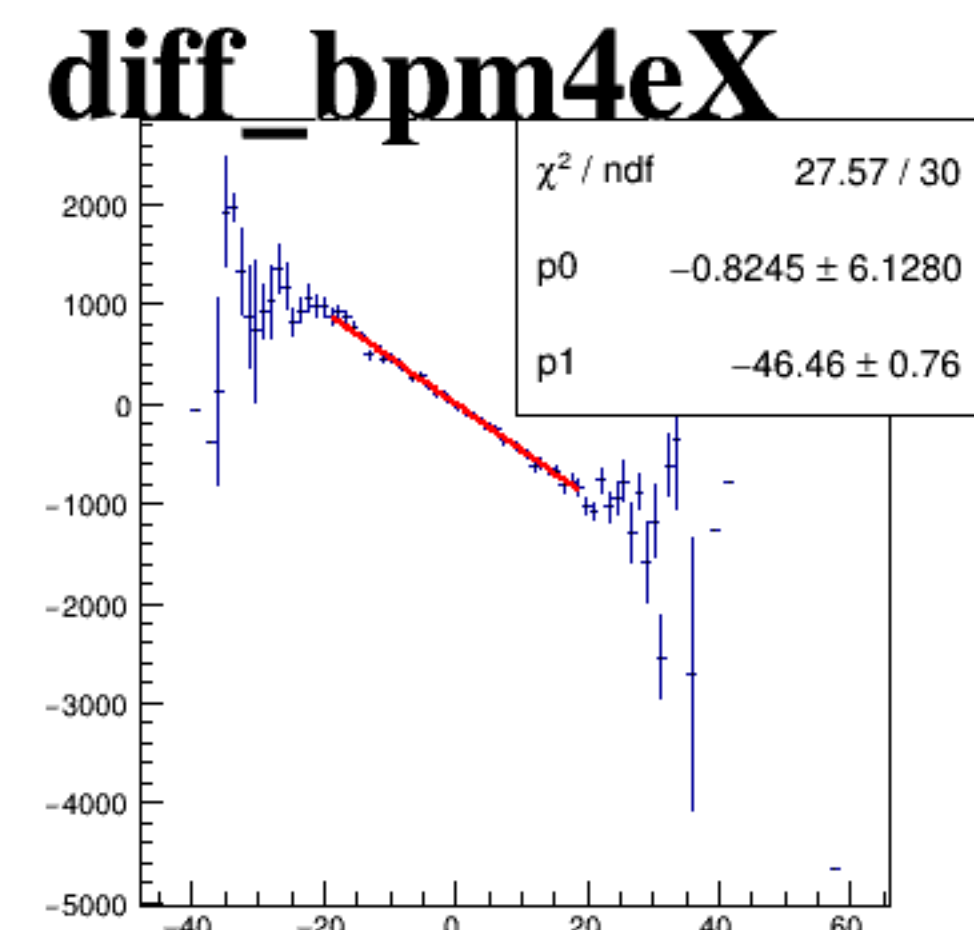
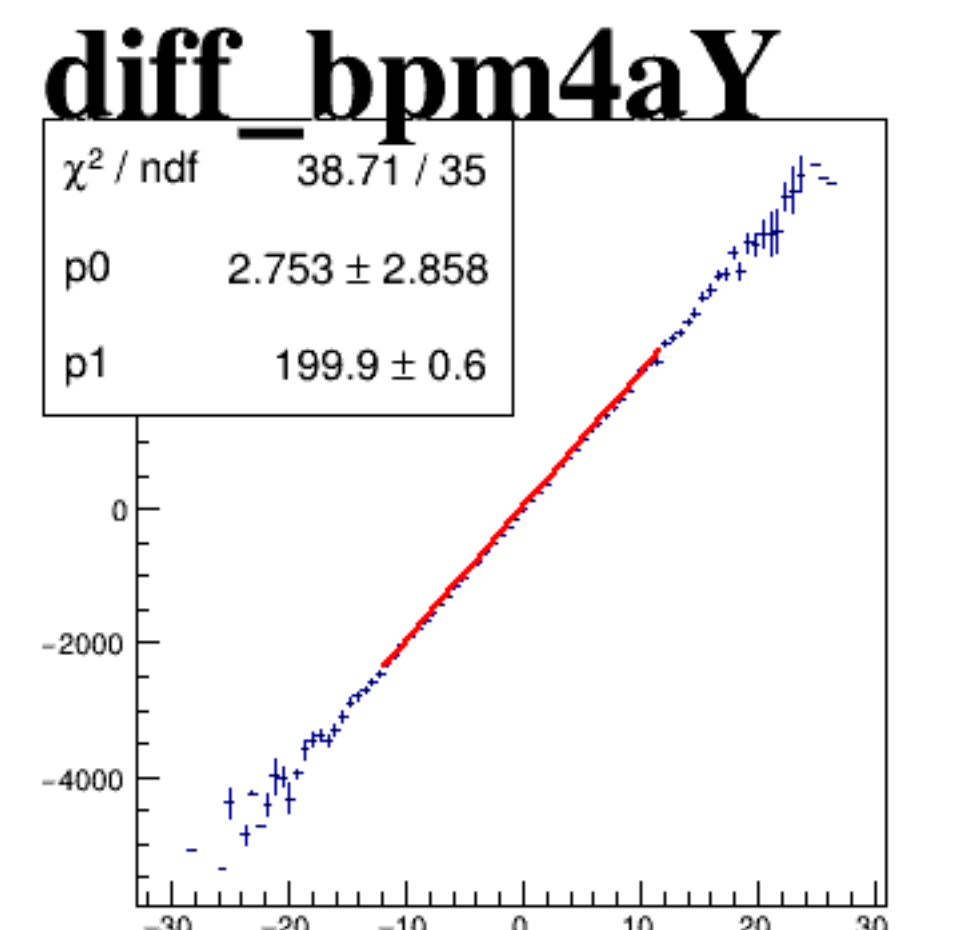
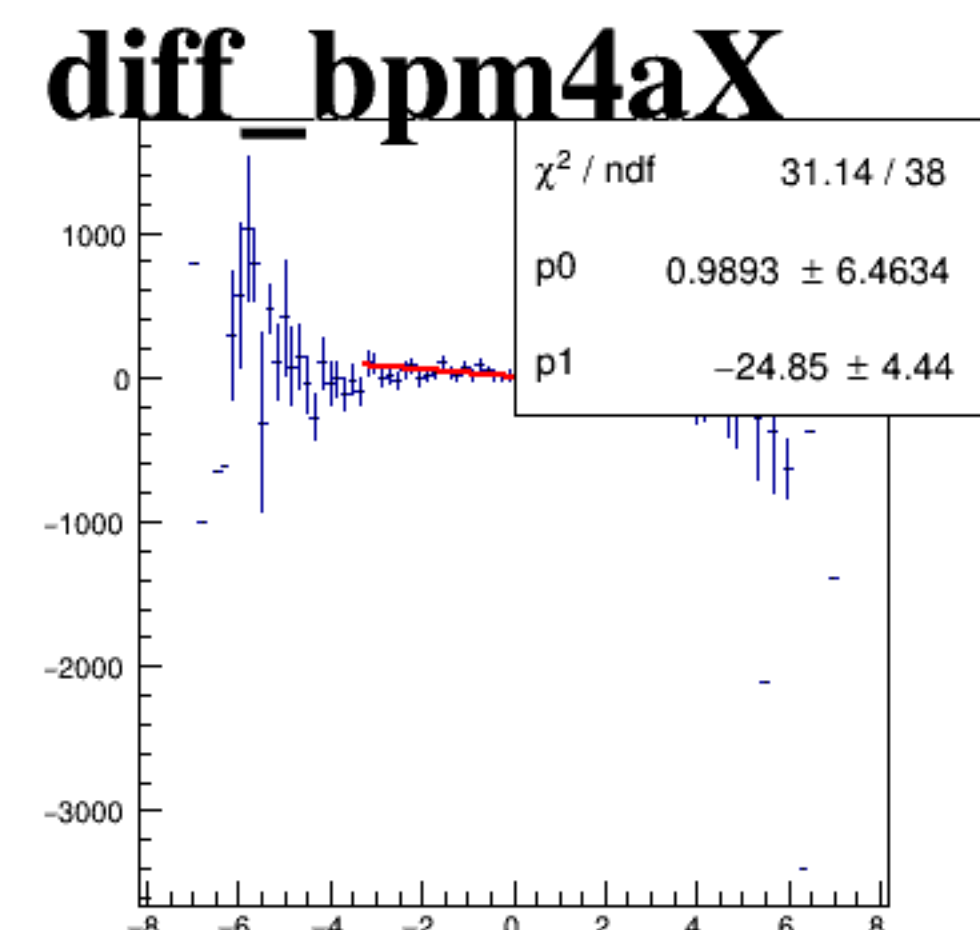
asym_sam1



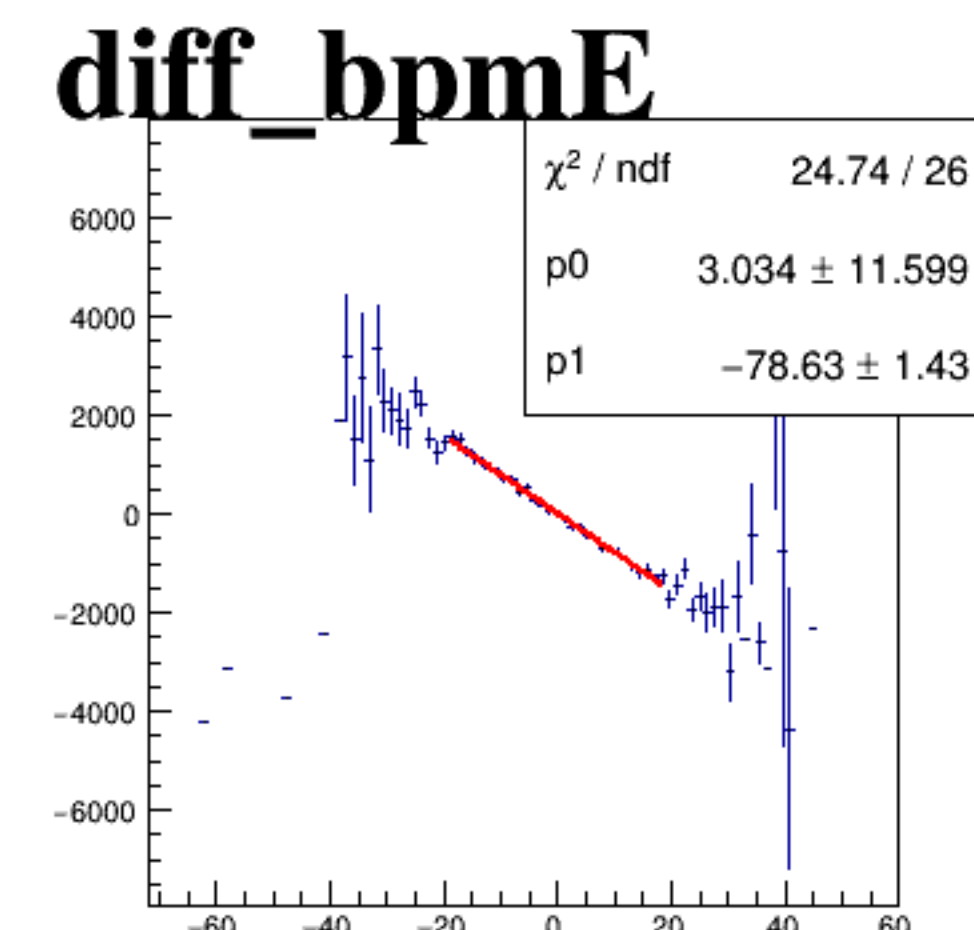
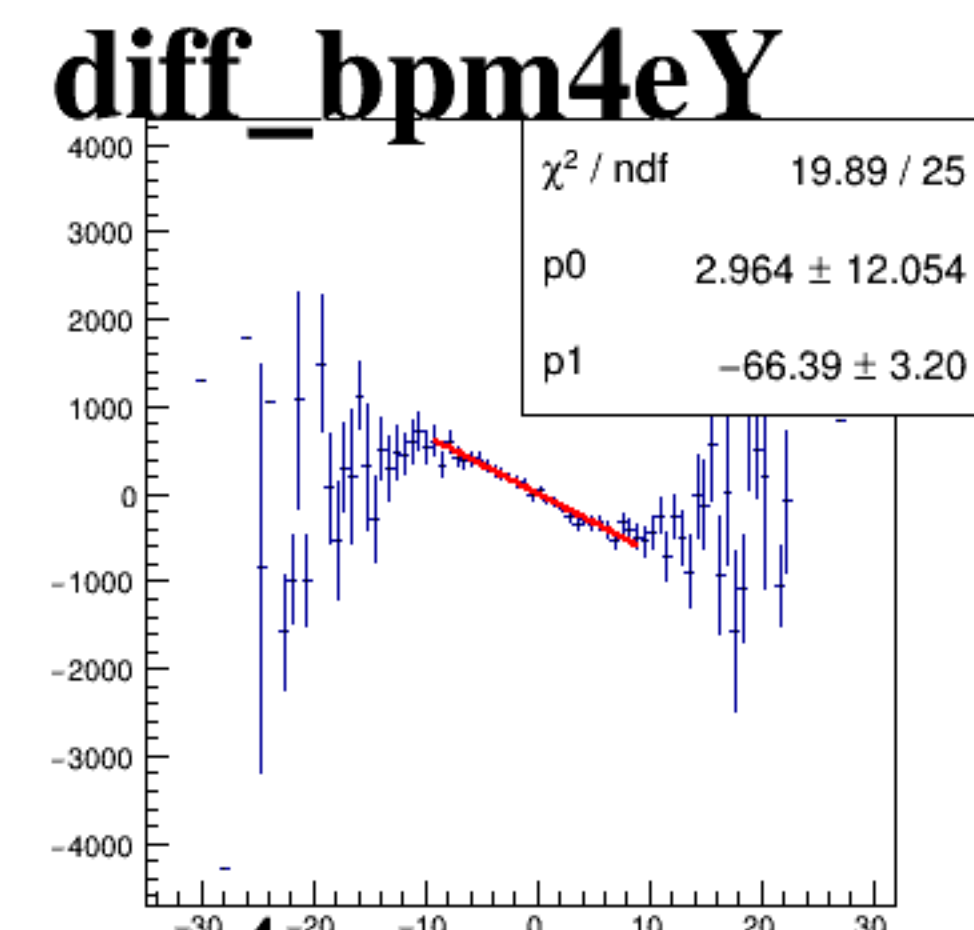
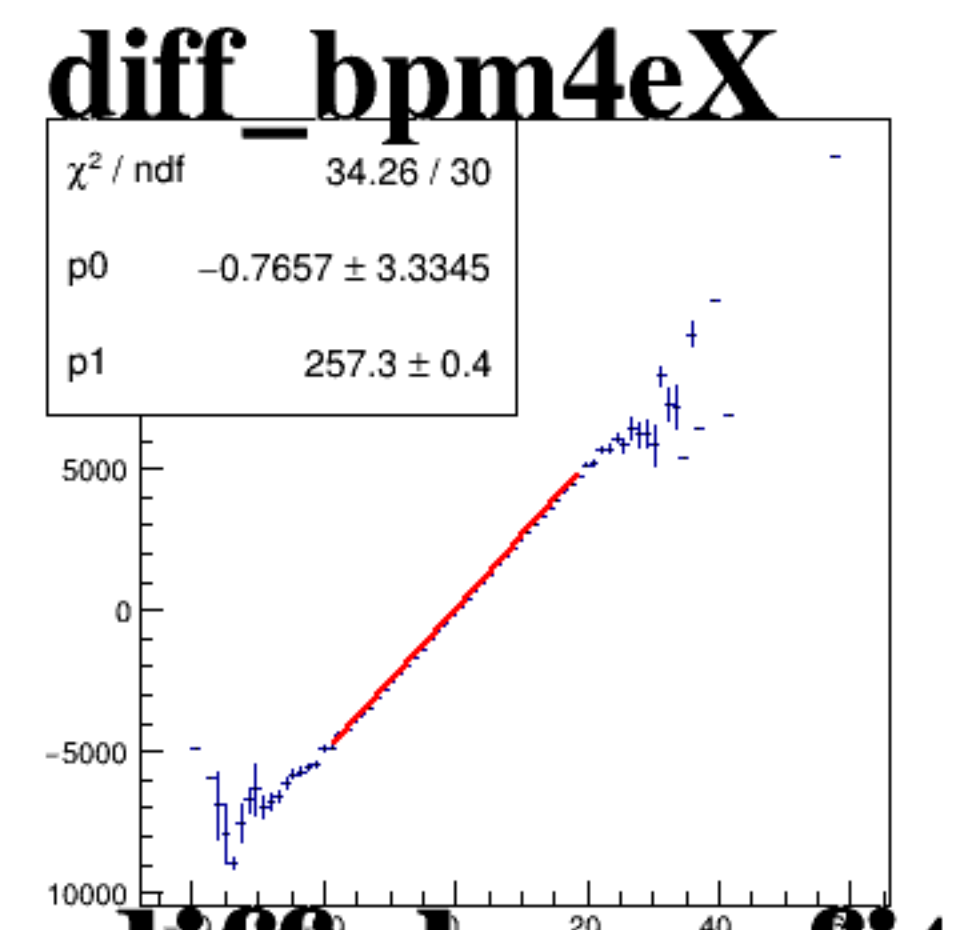
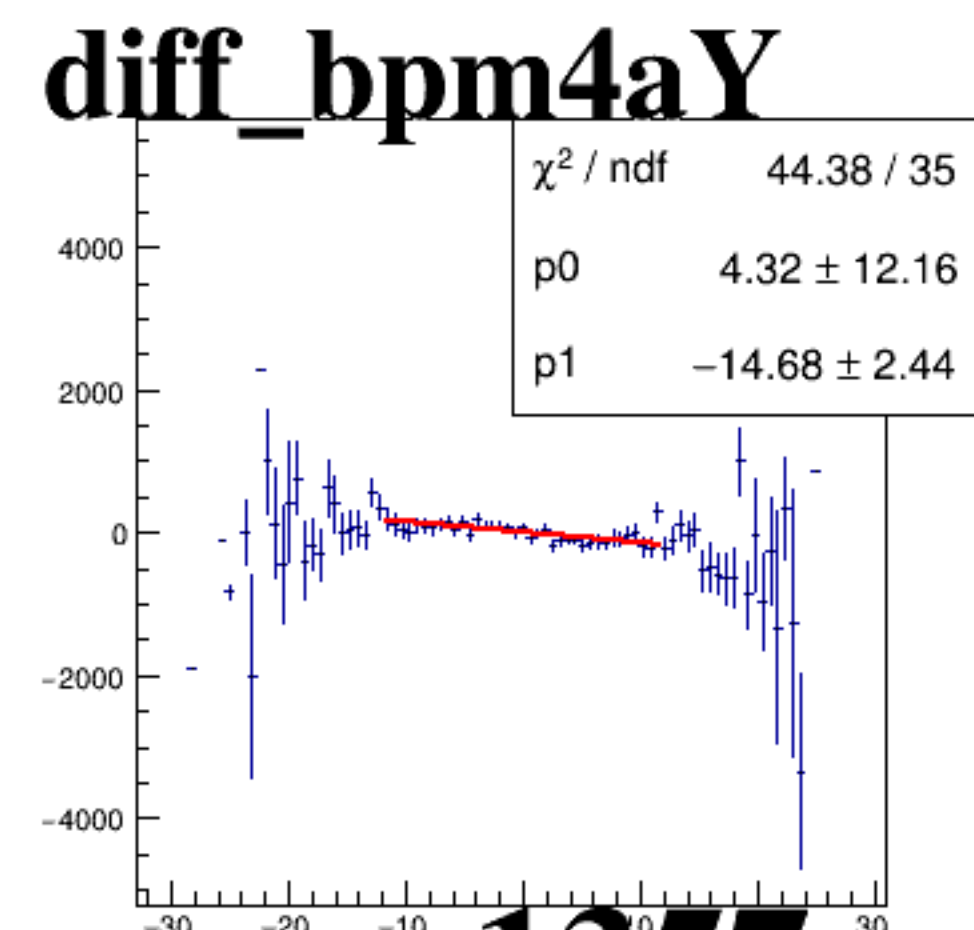
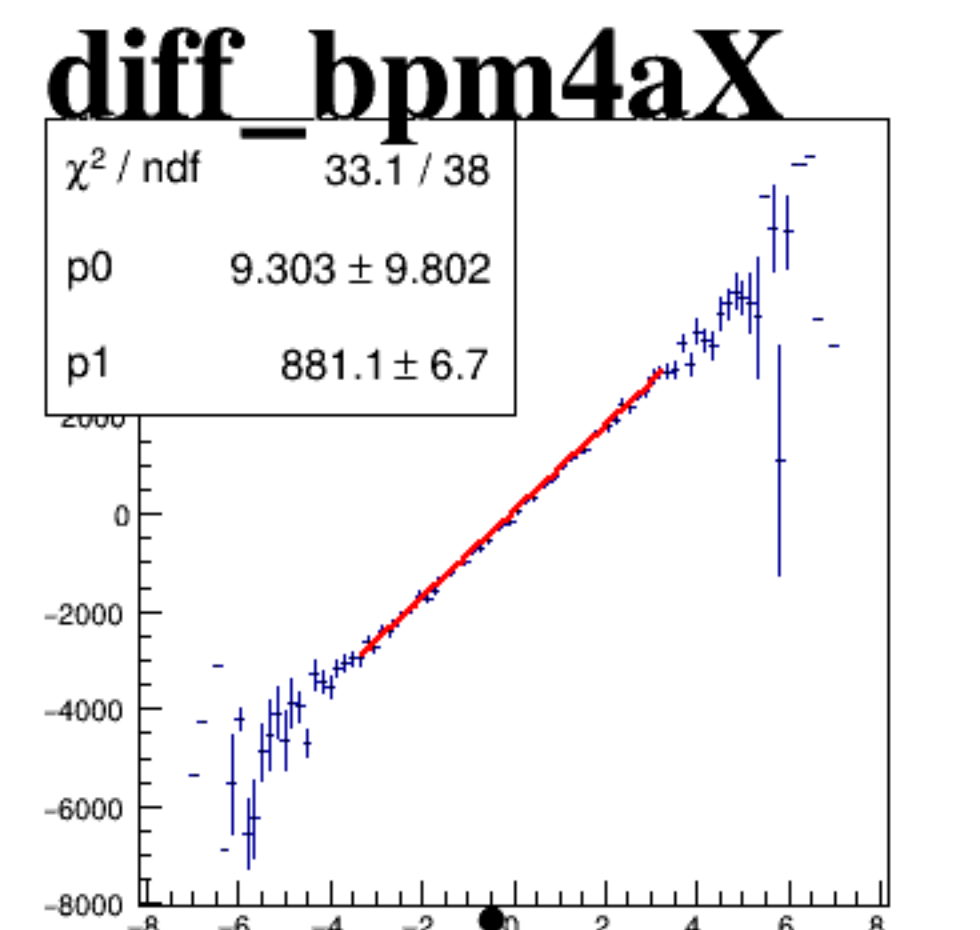
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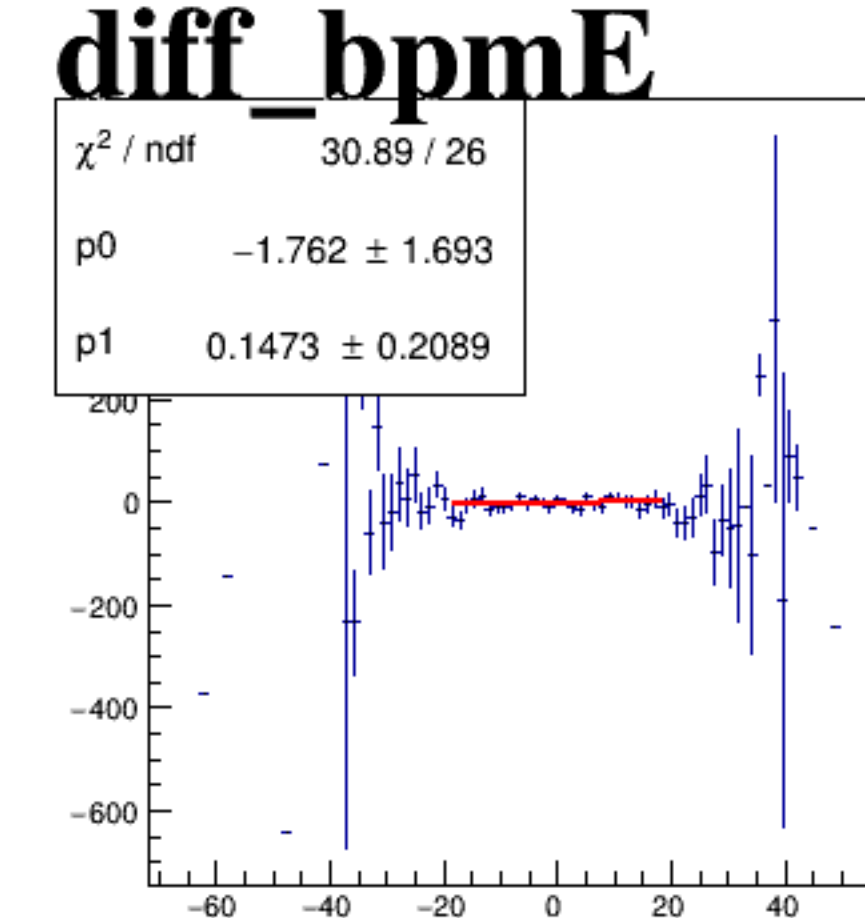
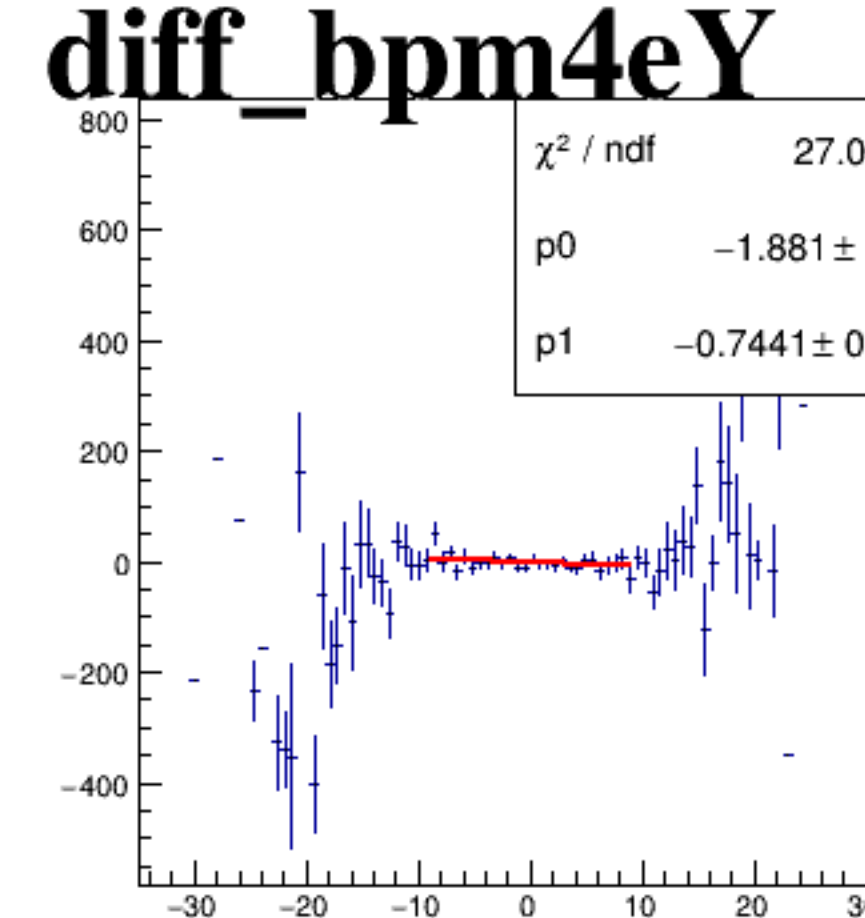
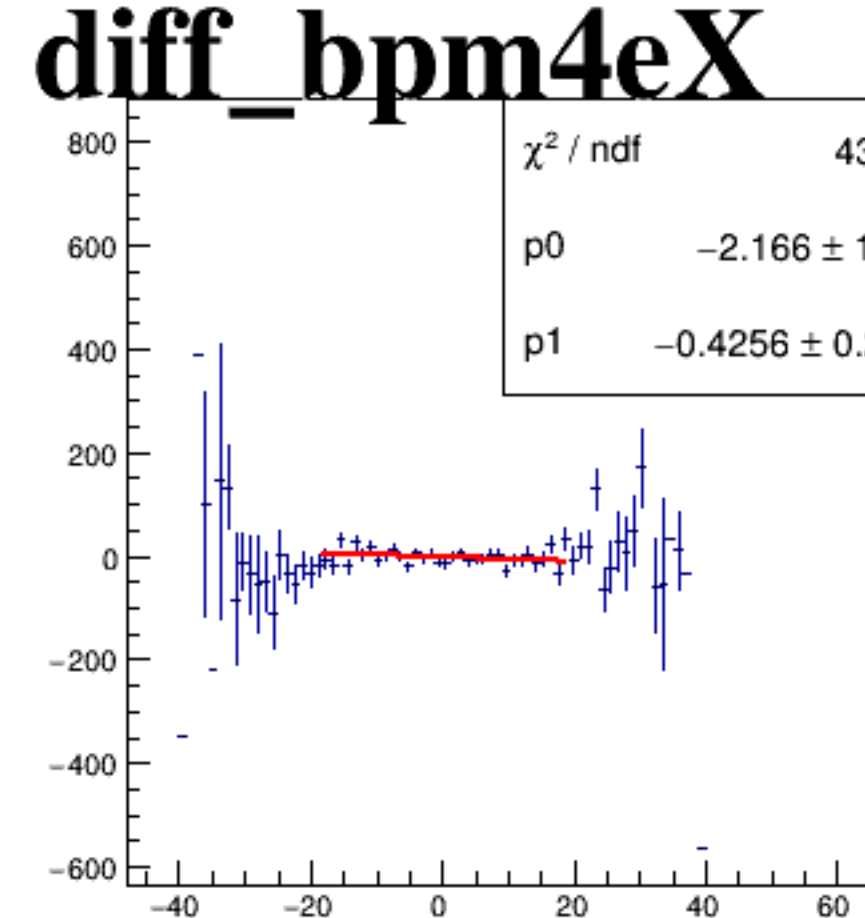
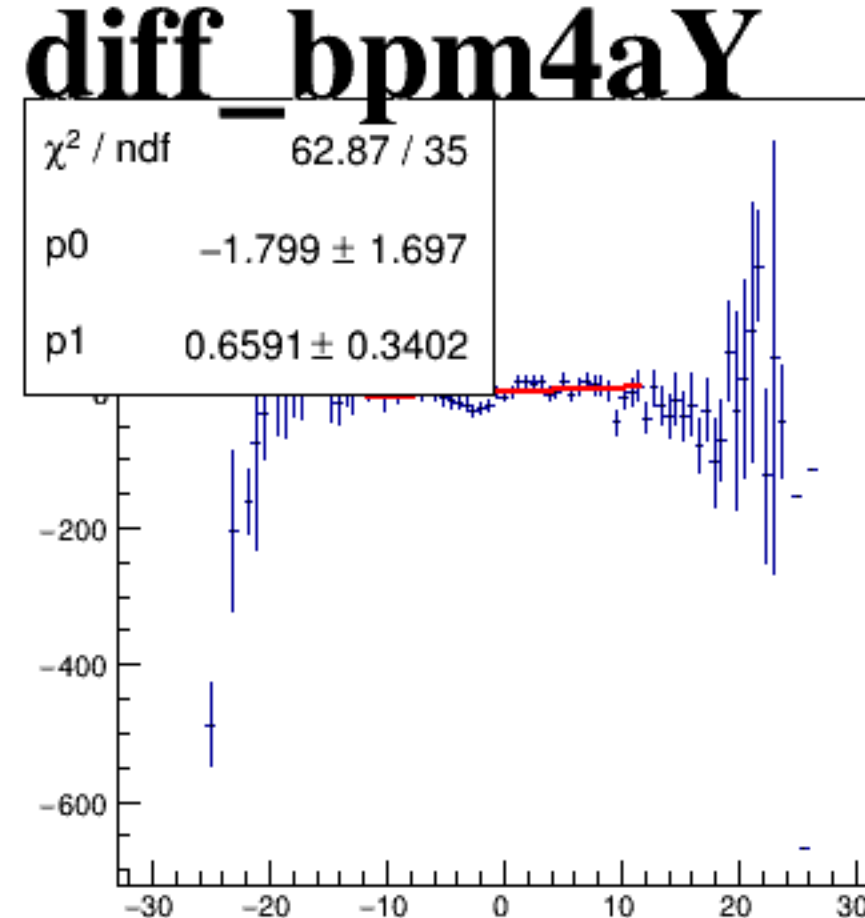
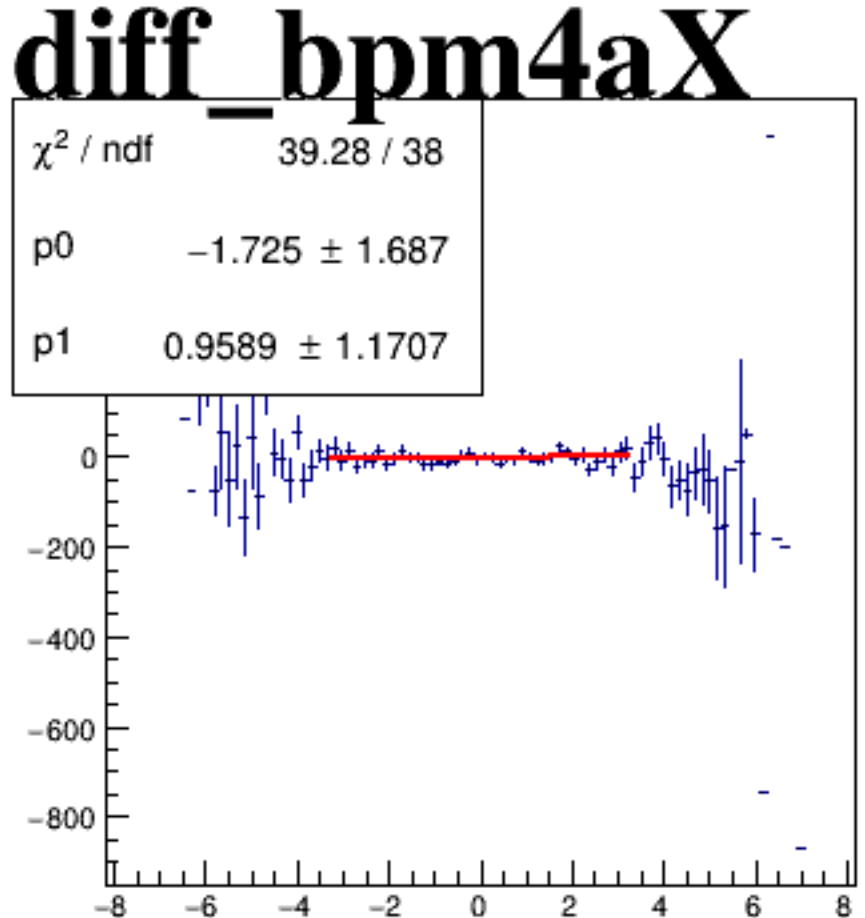
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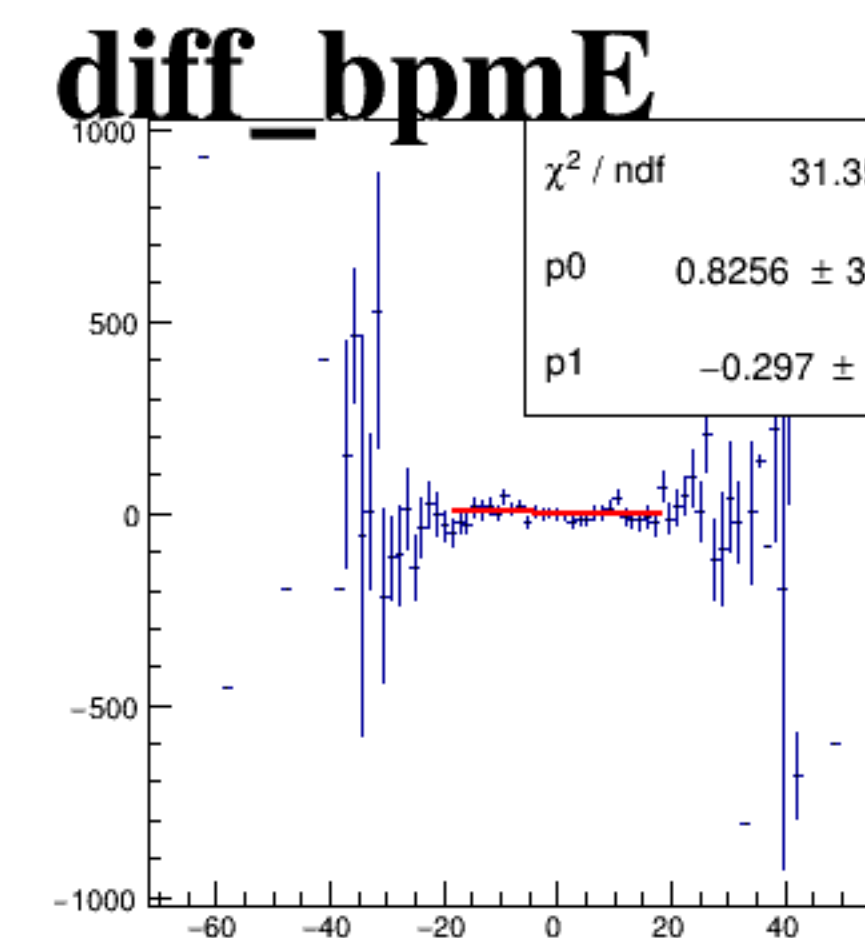
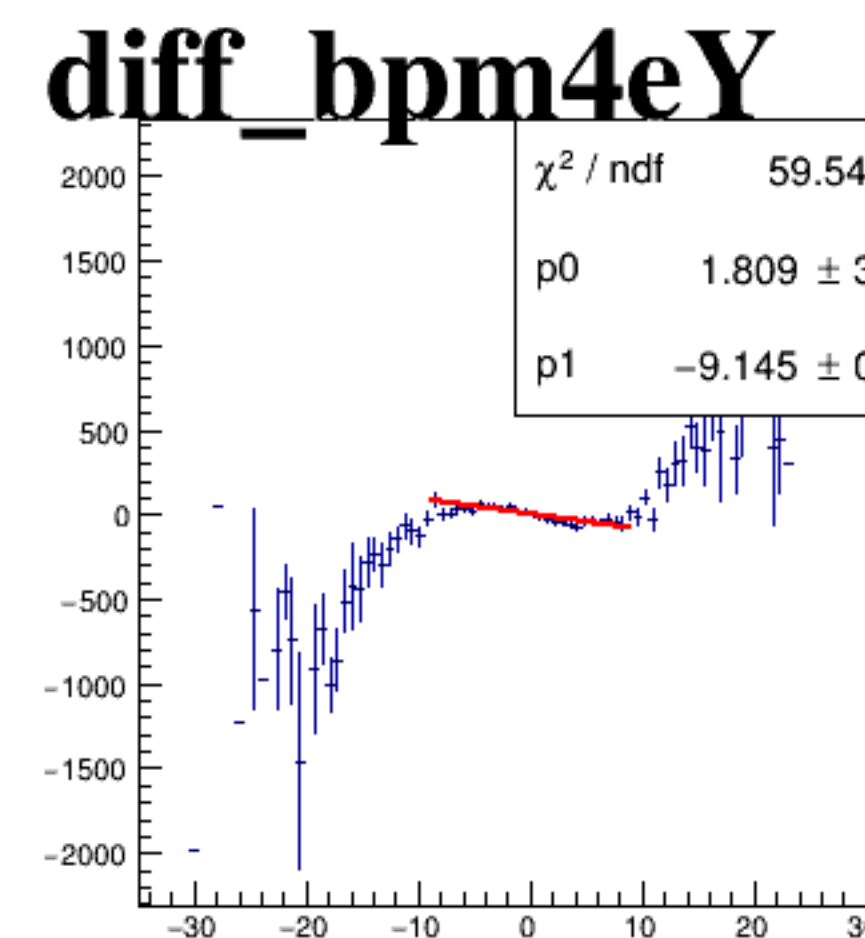
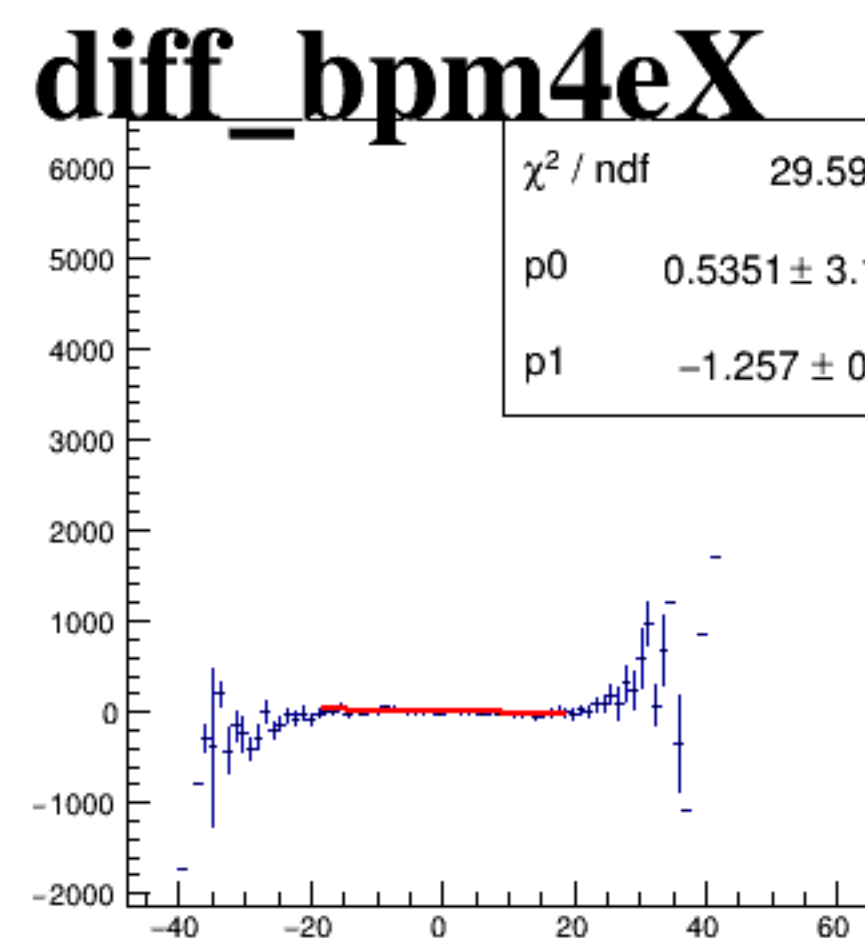
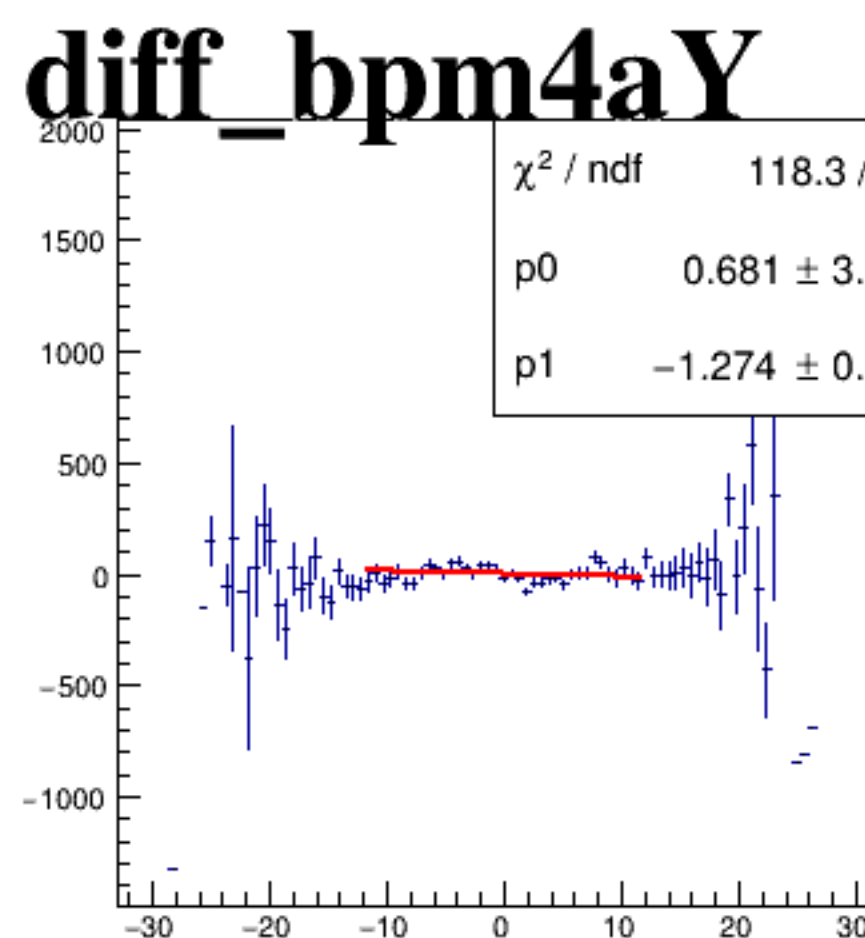
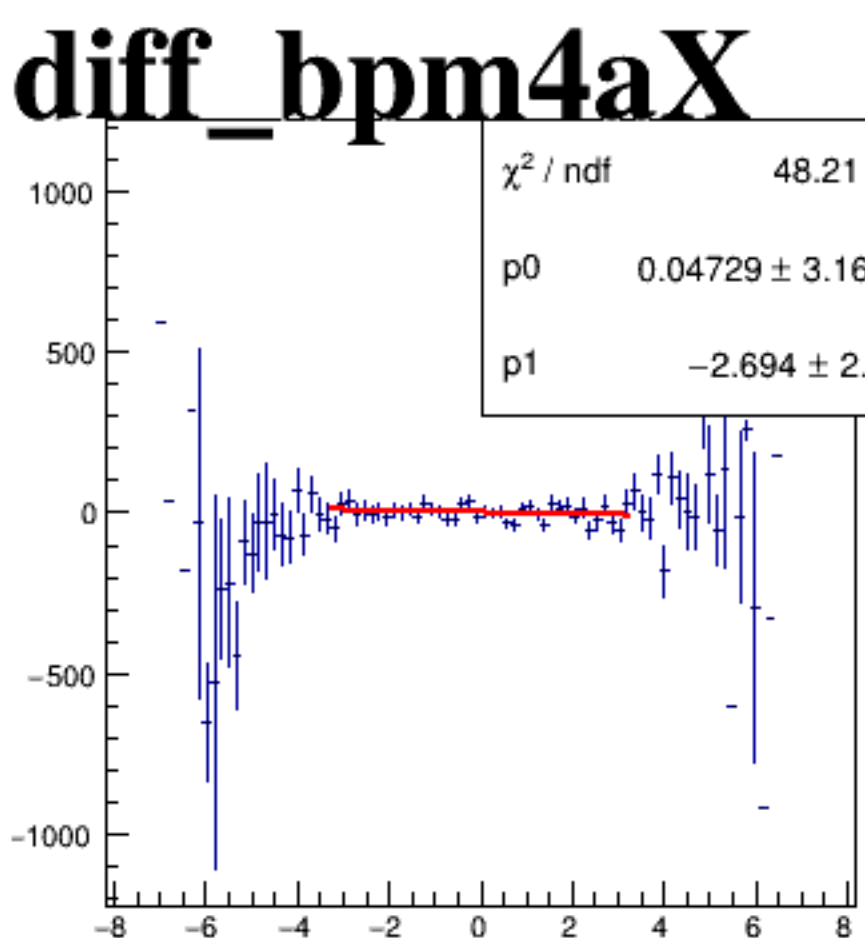
asym_sam7



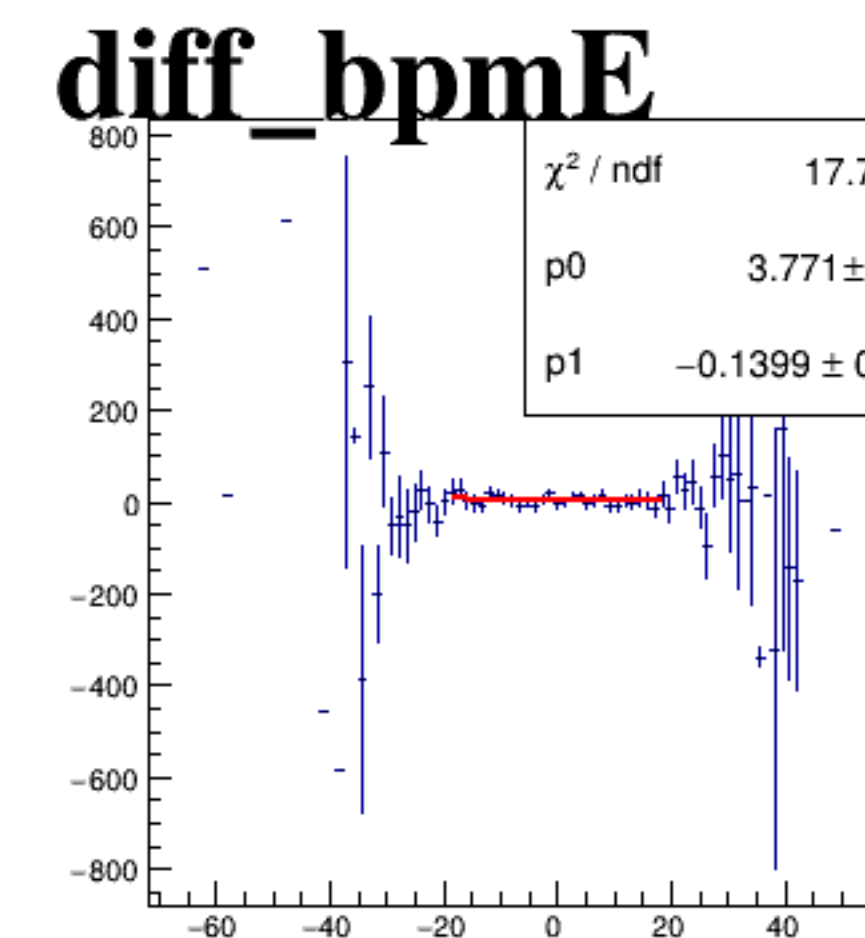
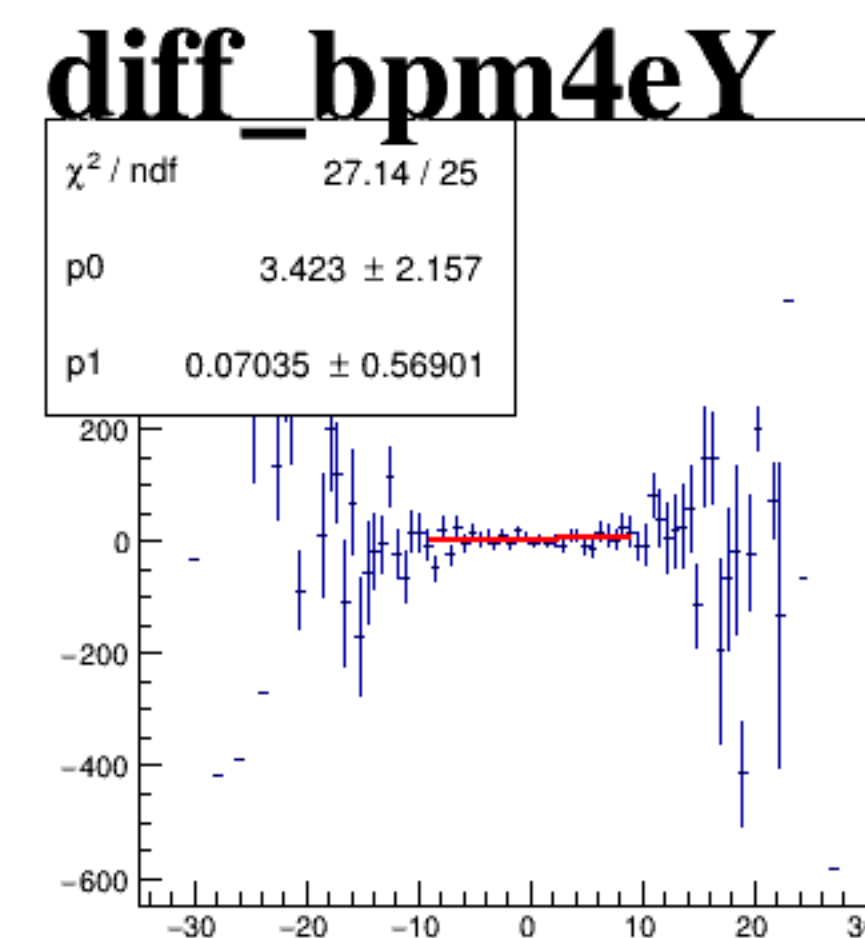
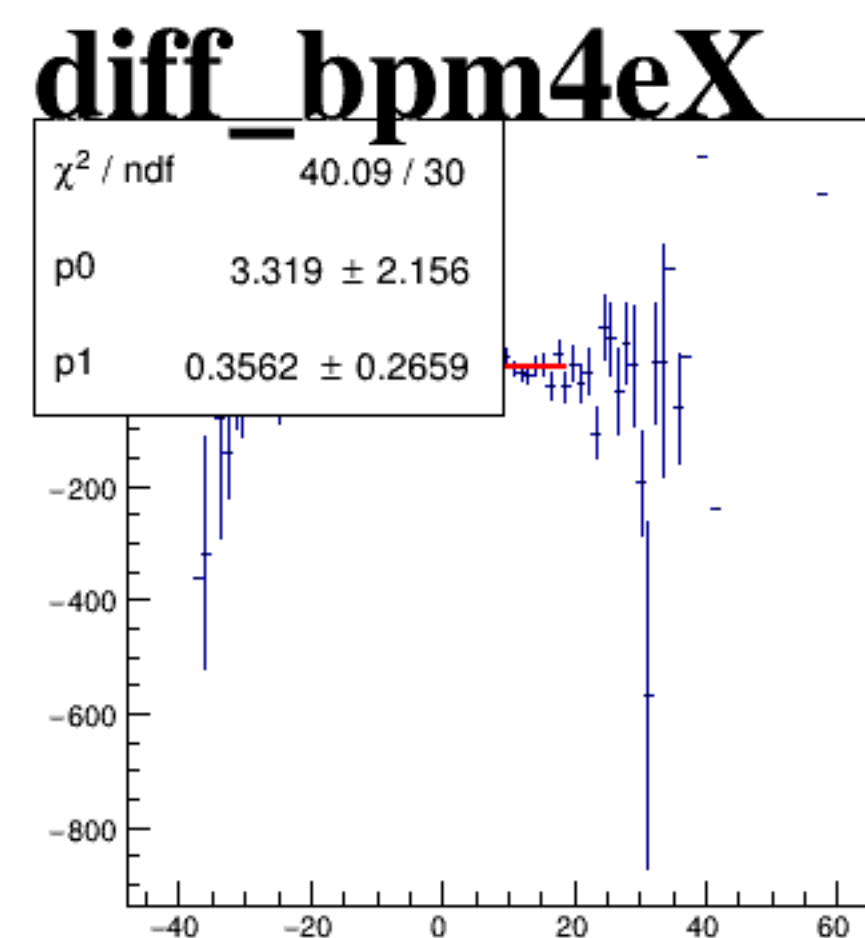
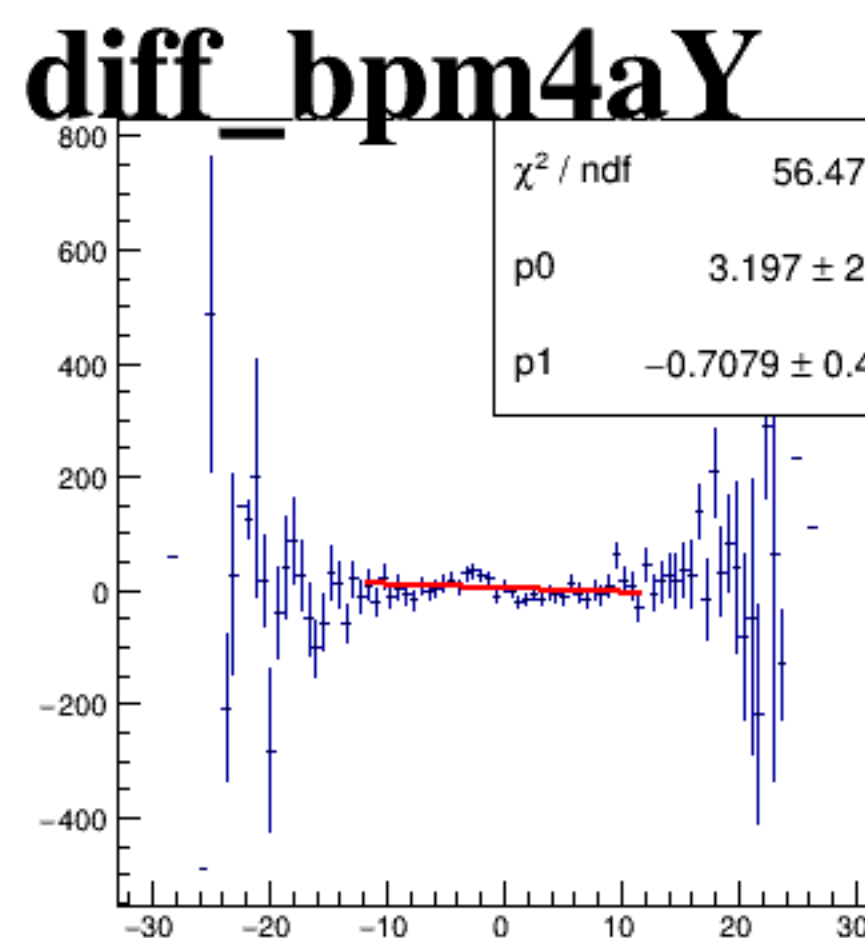
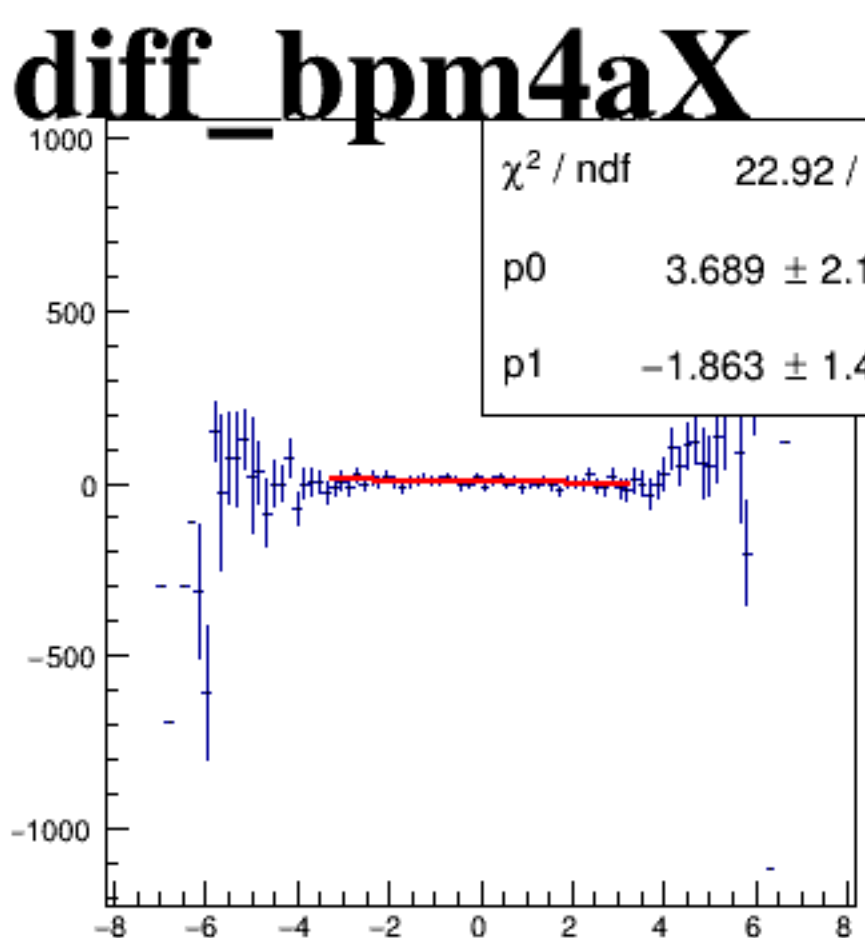
reg_asym_sam1



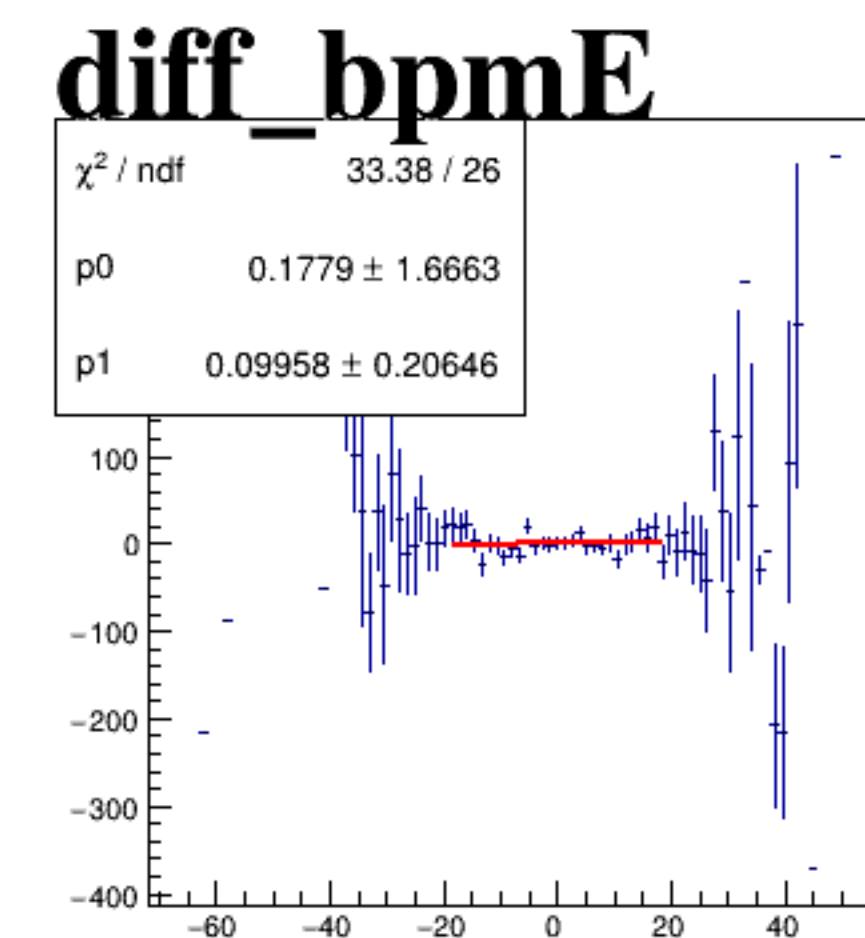
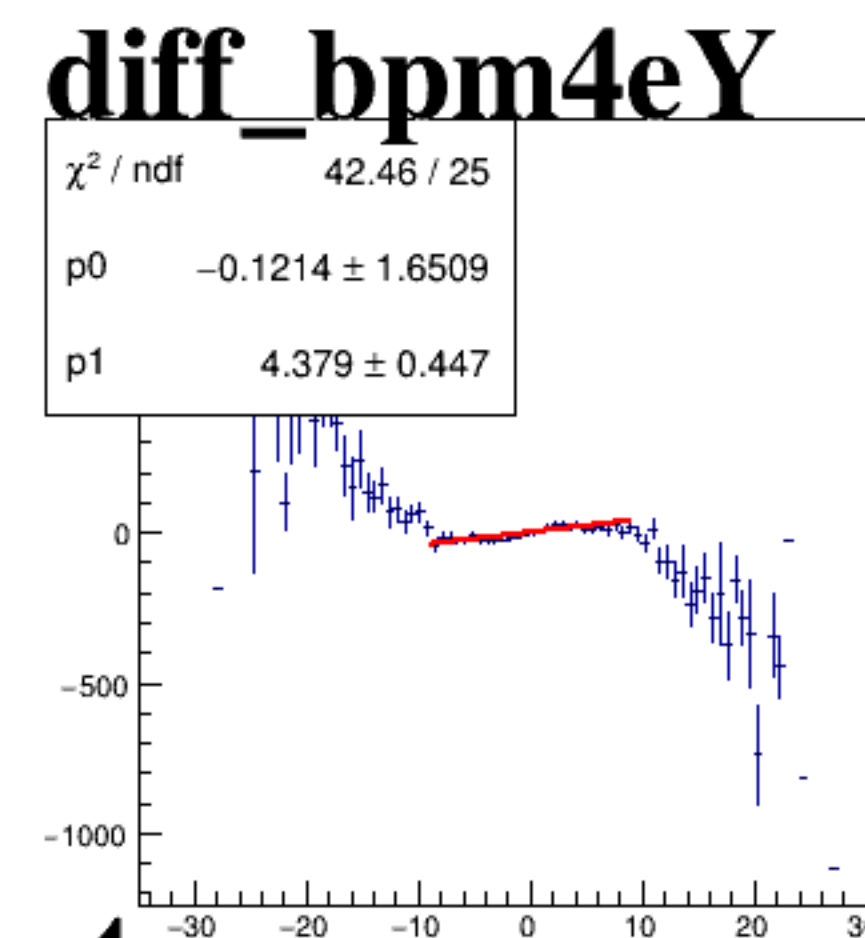
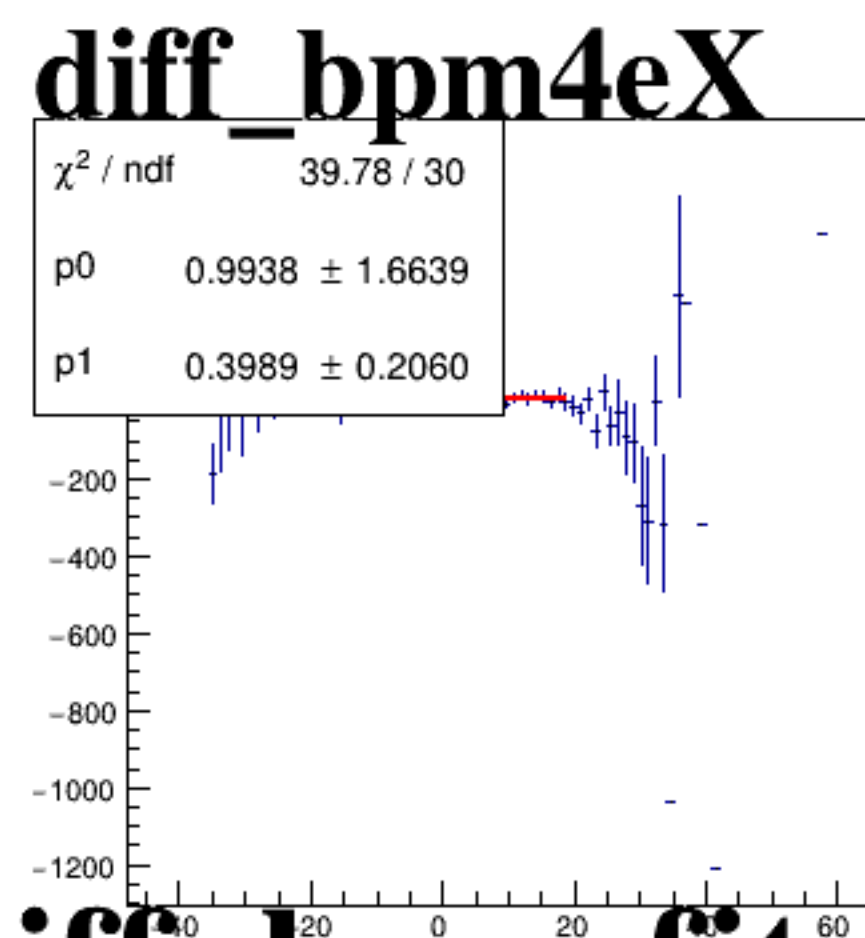
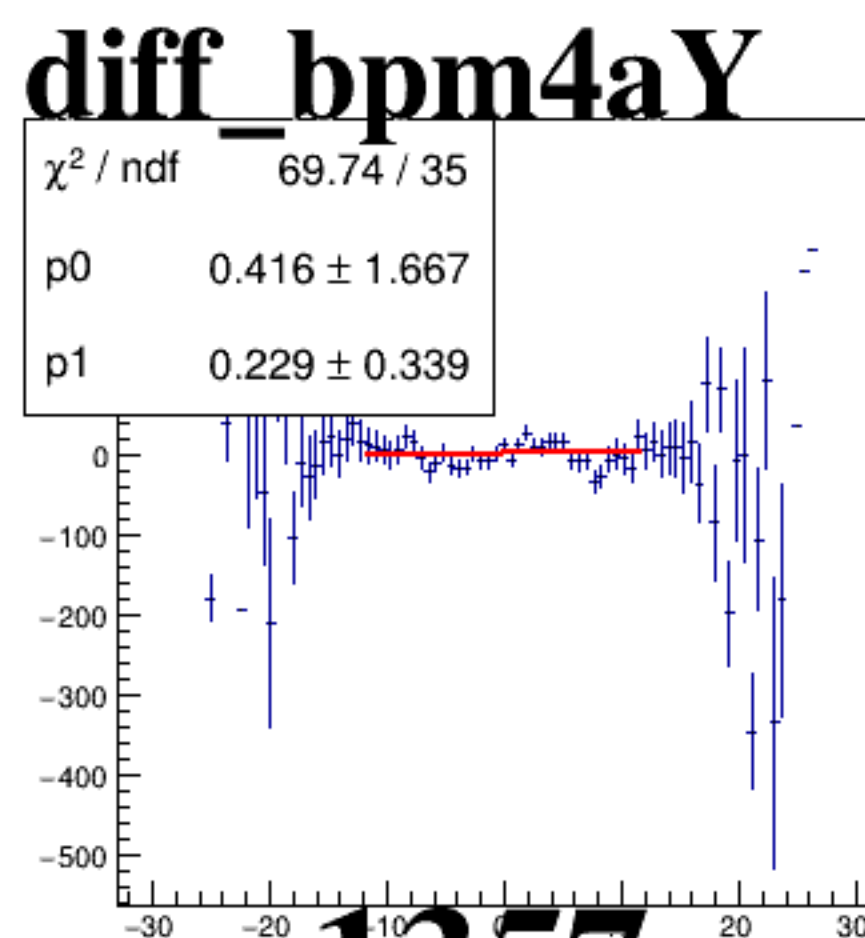
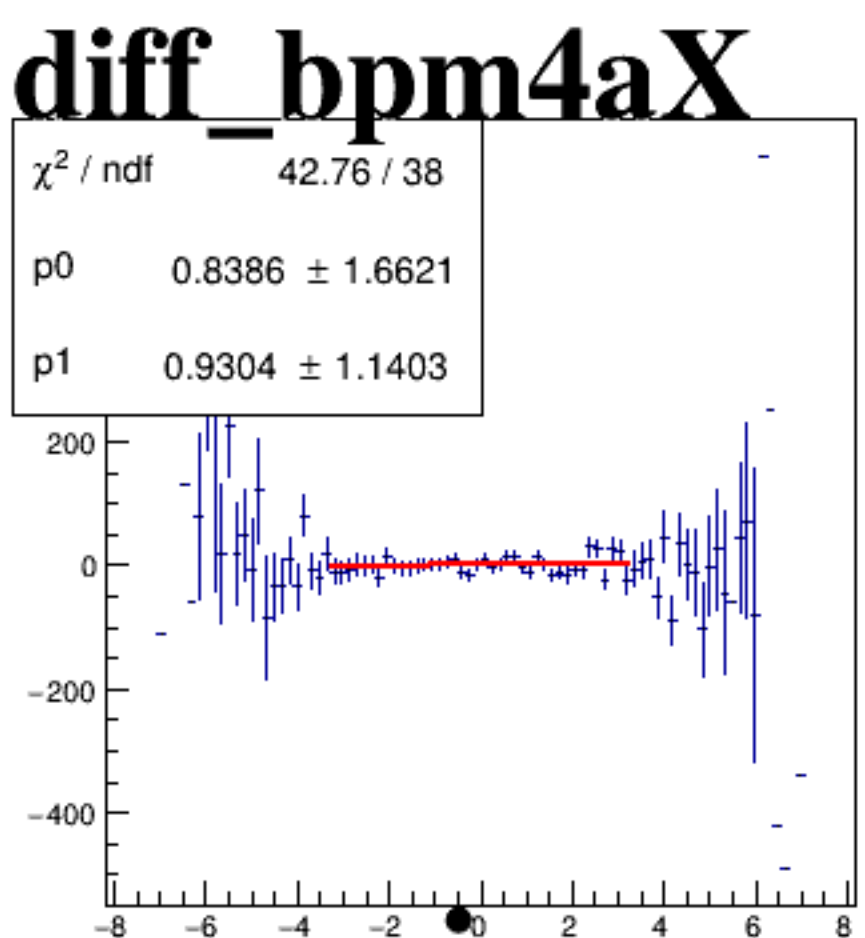
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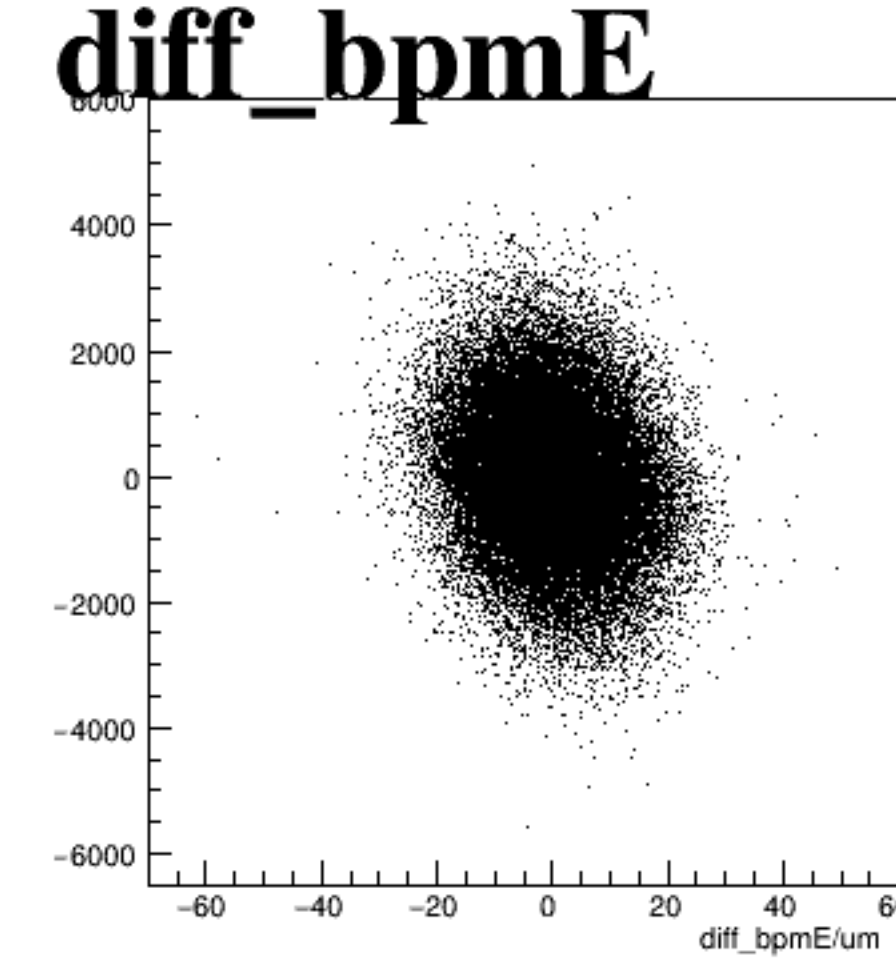
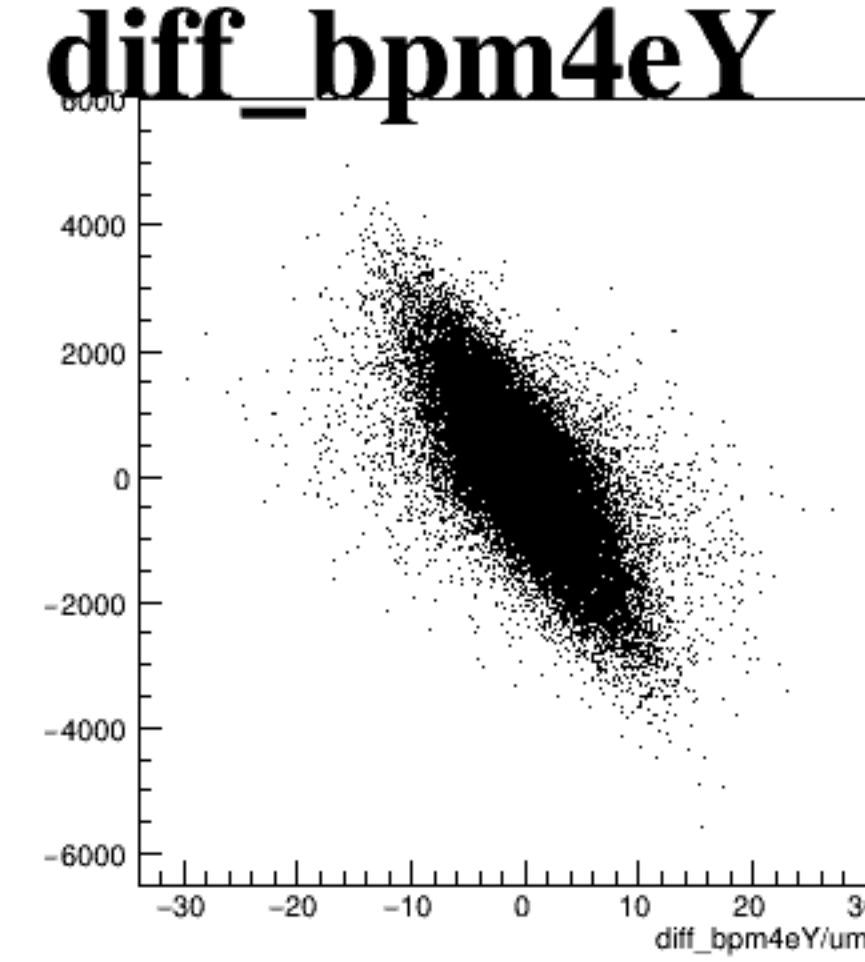
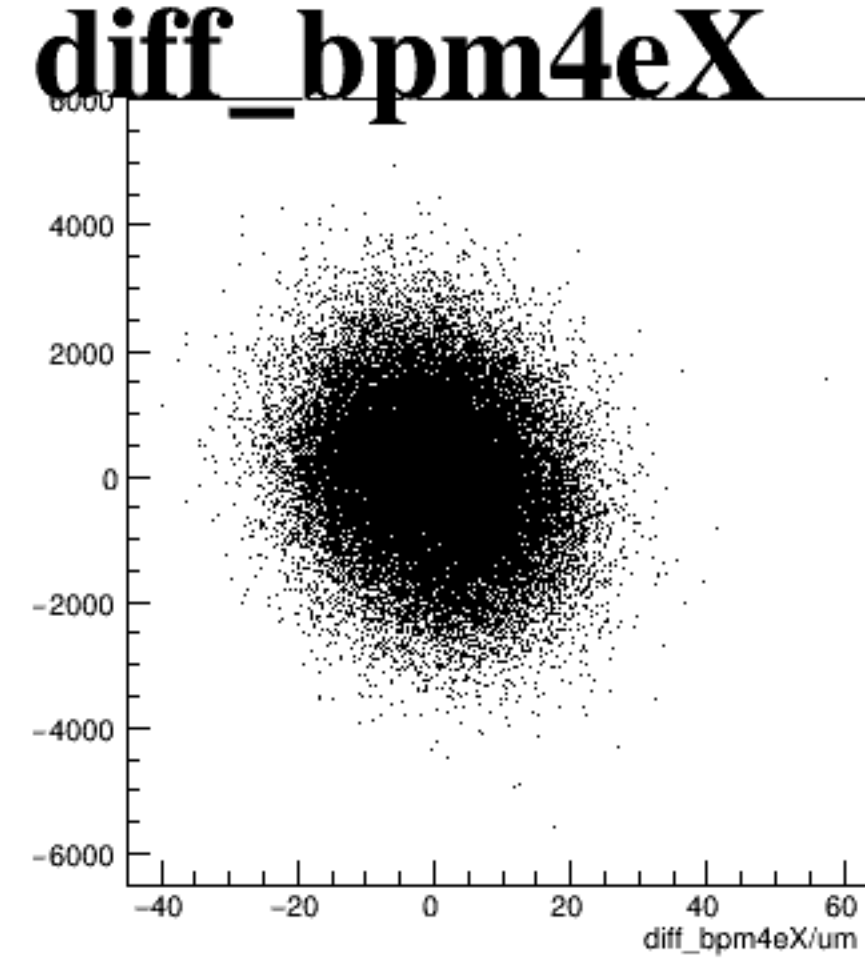
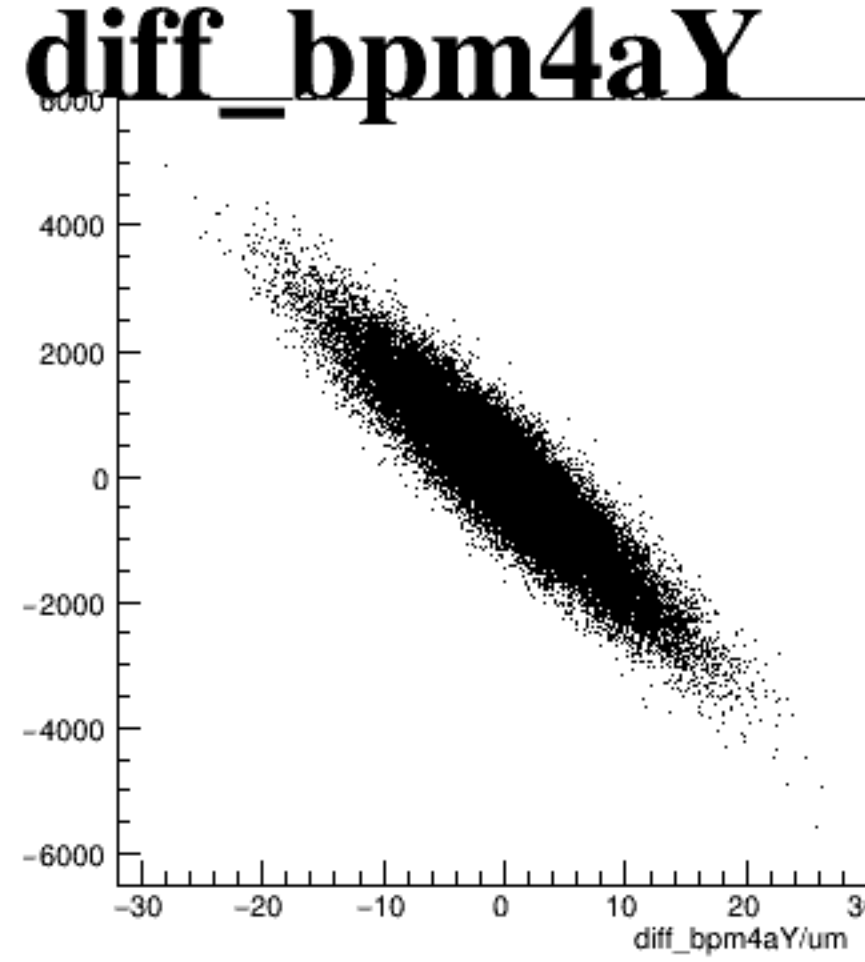
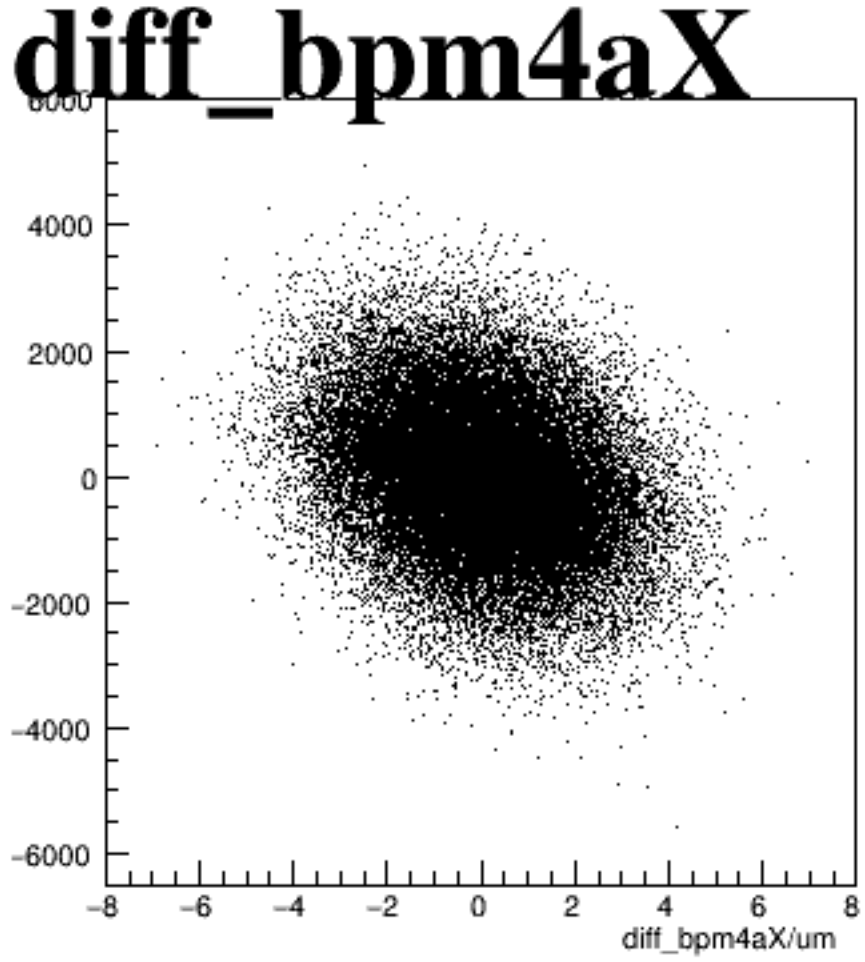
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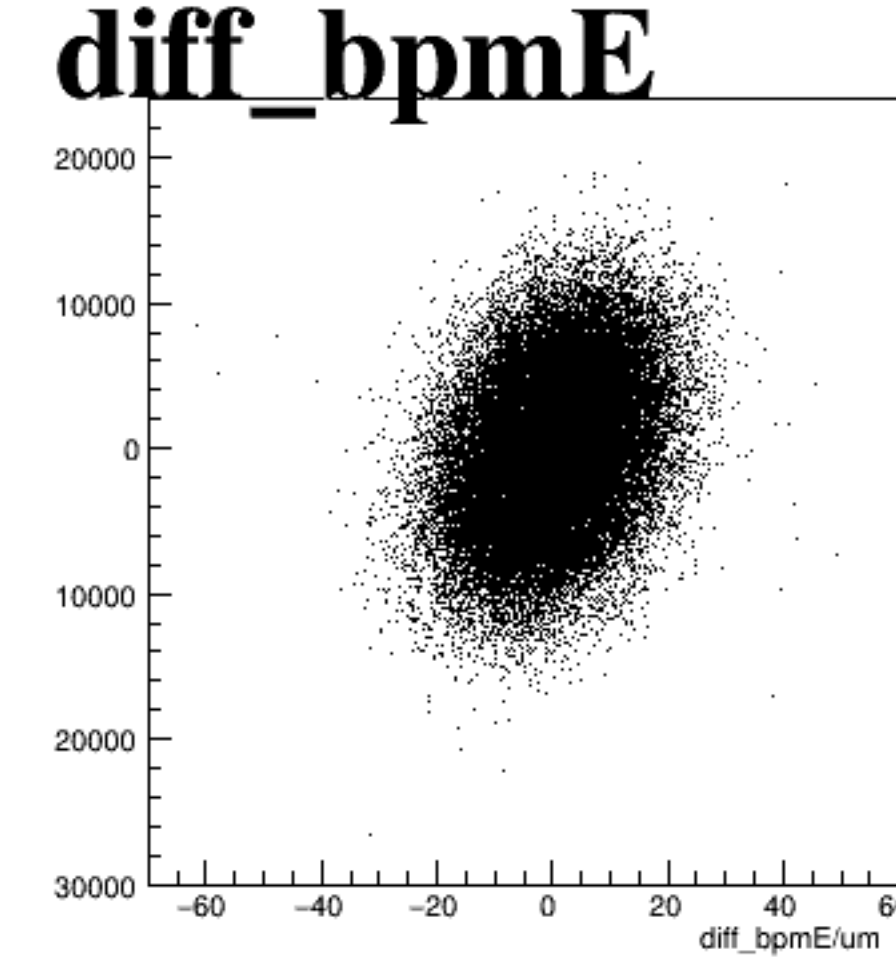
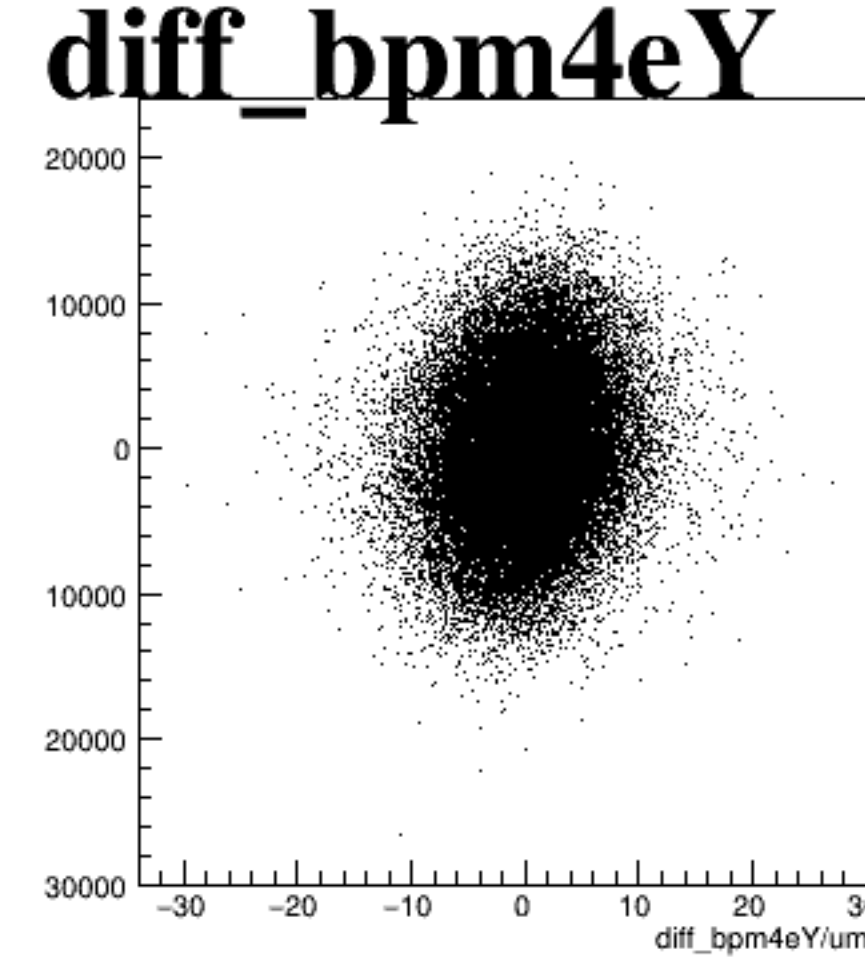
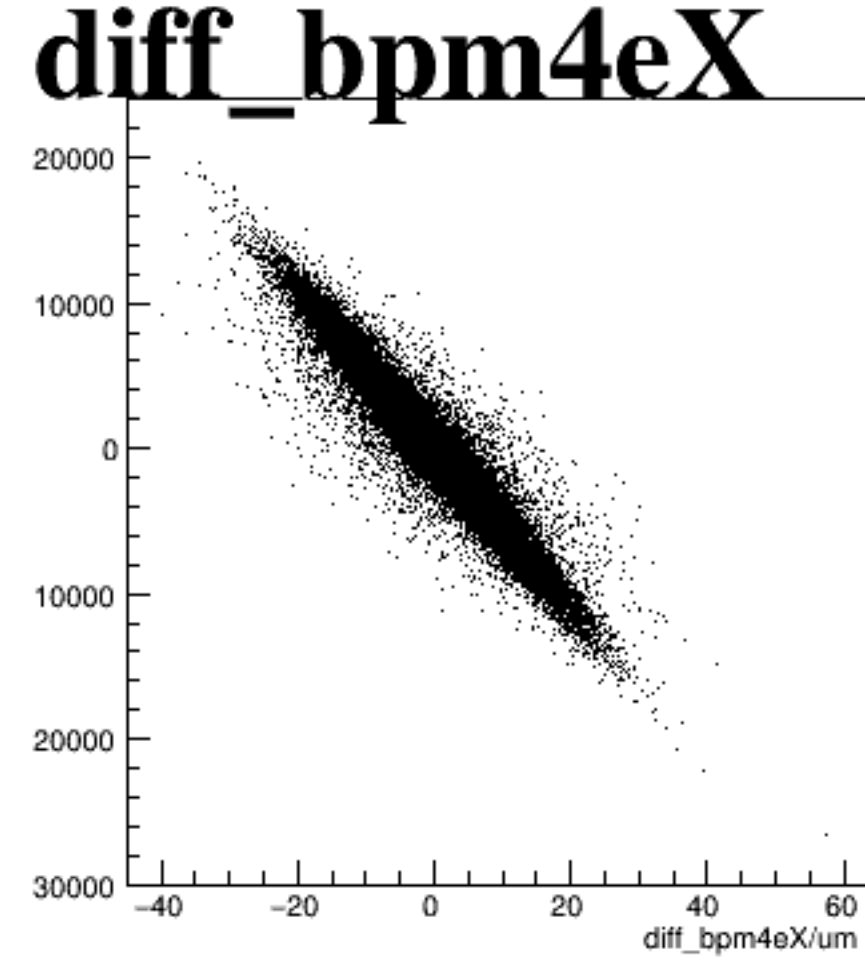
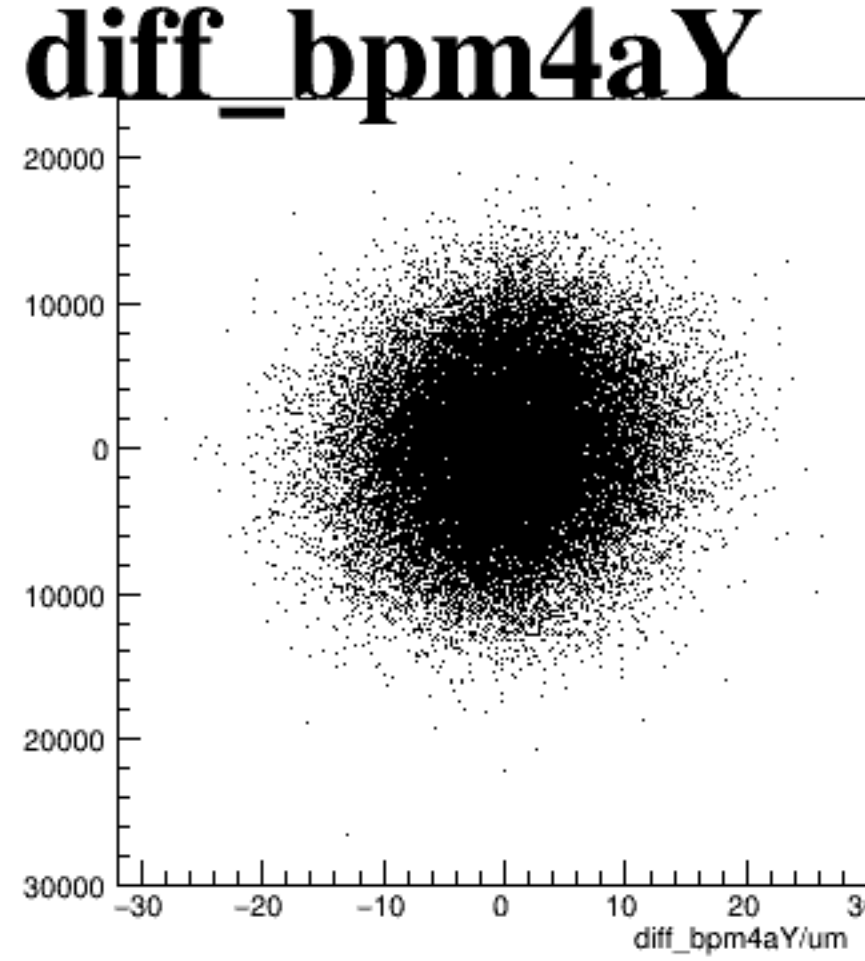
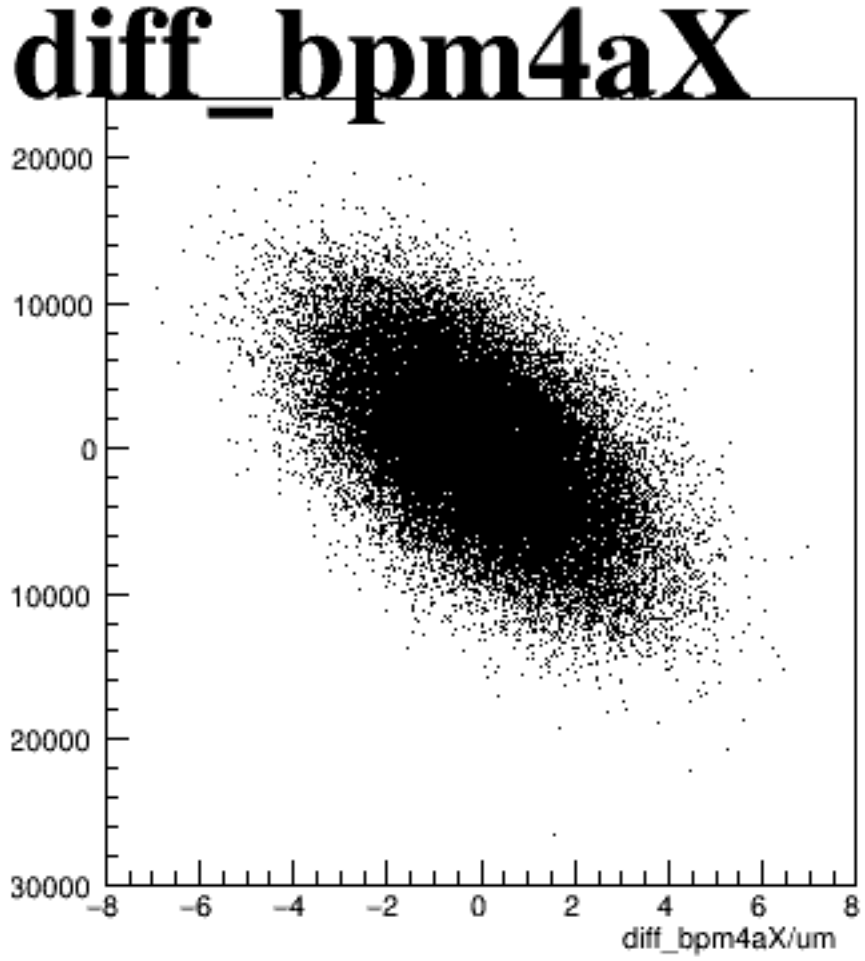
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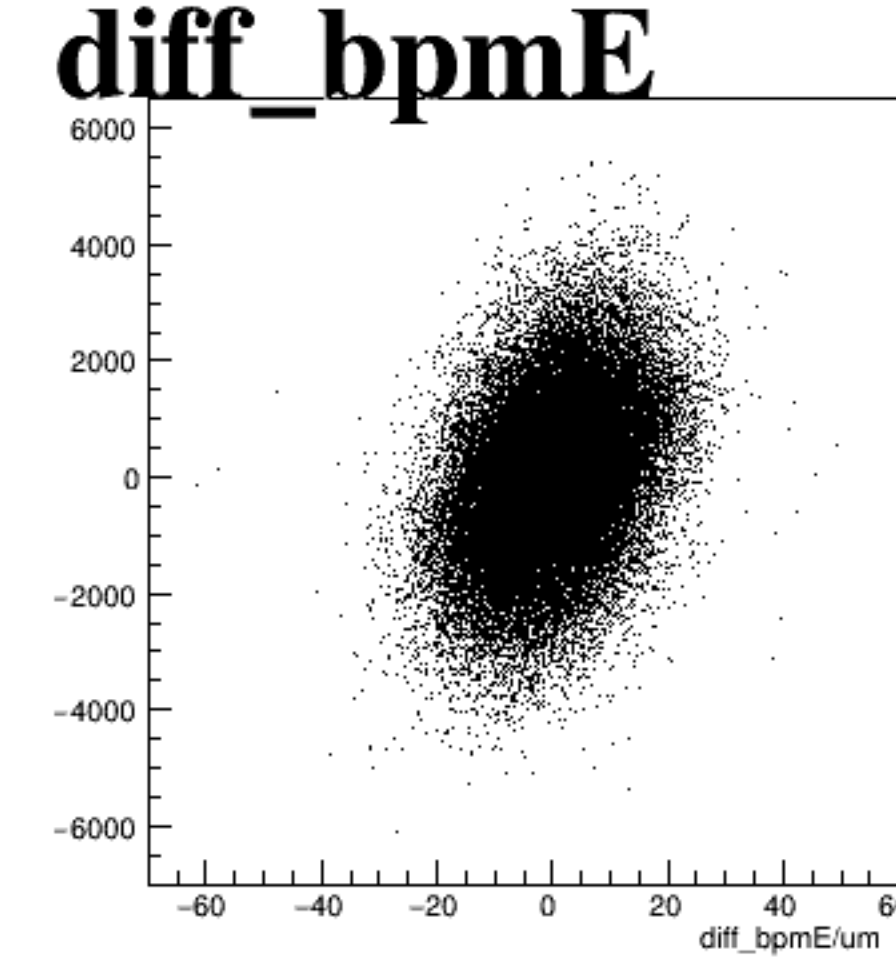
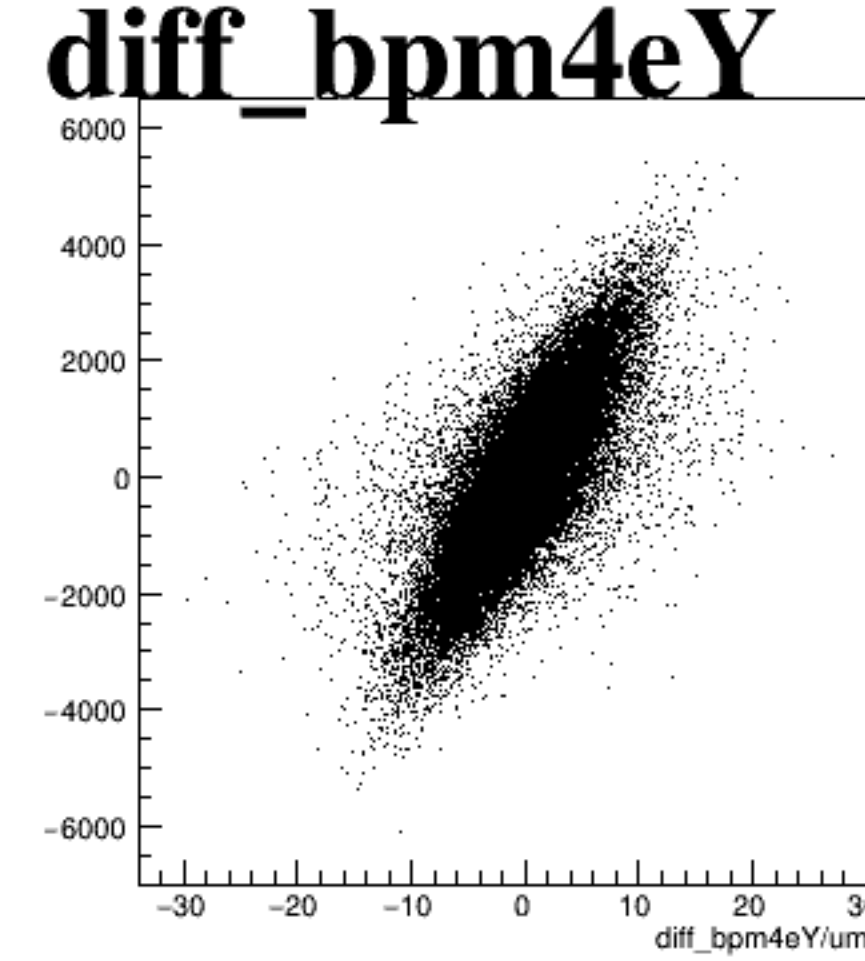
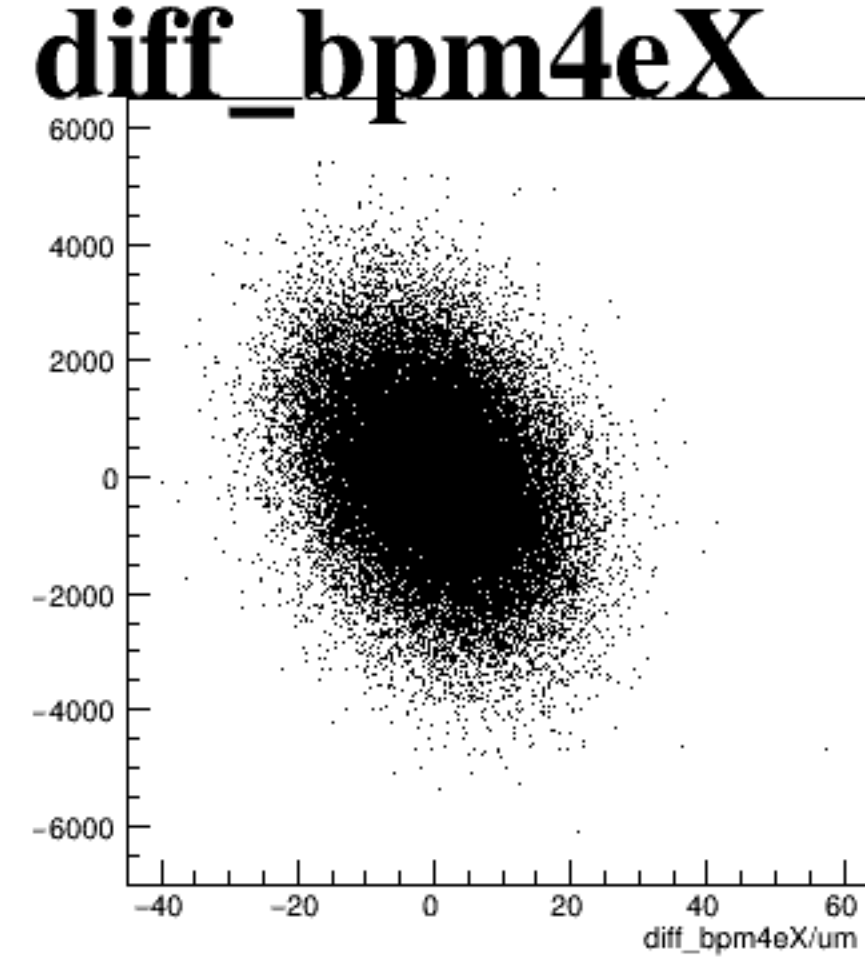
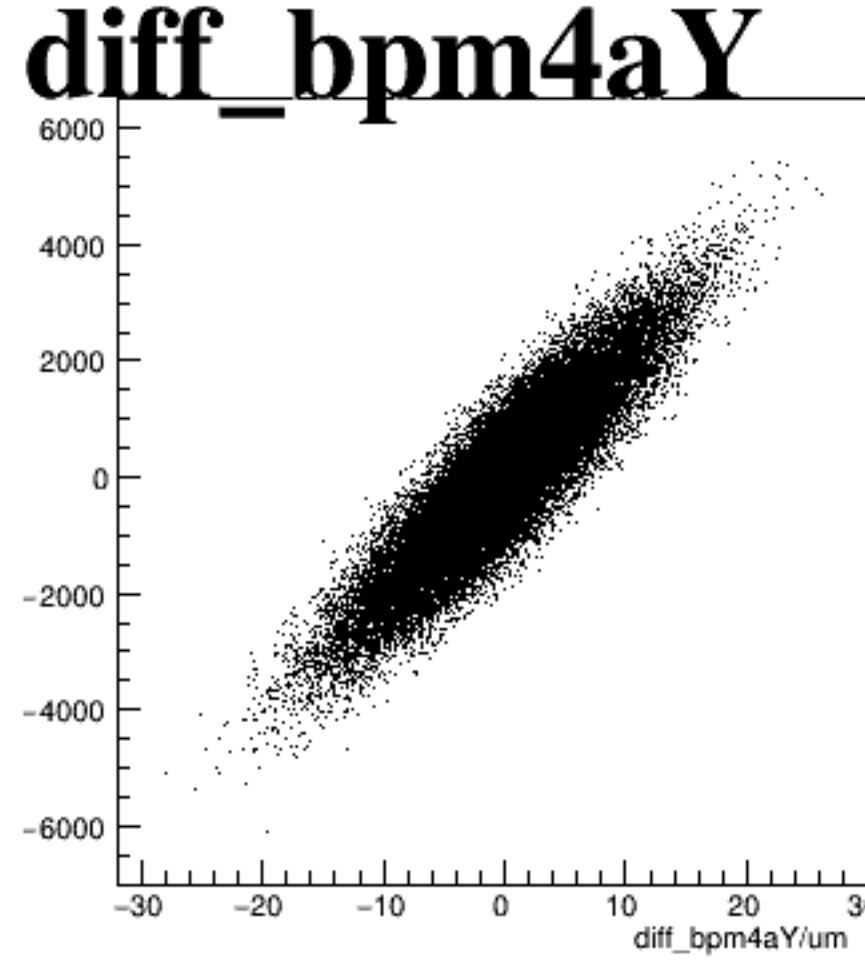
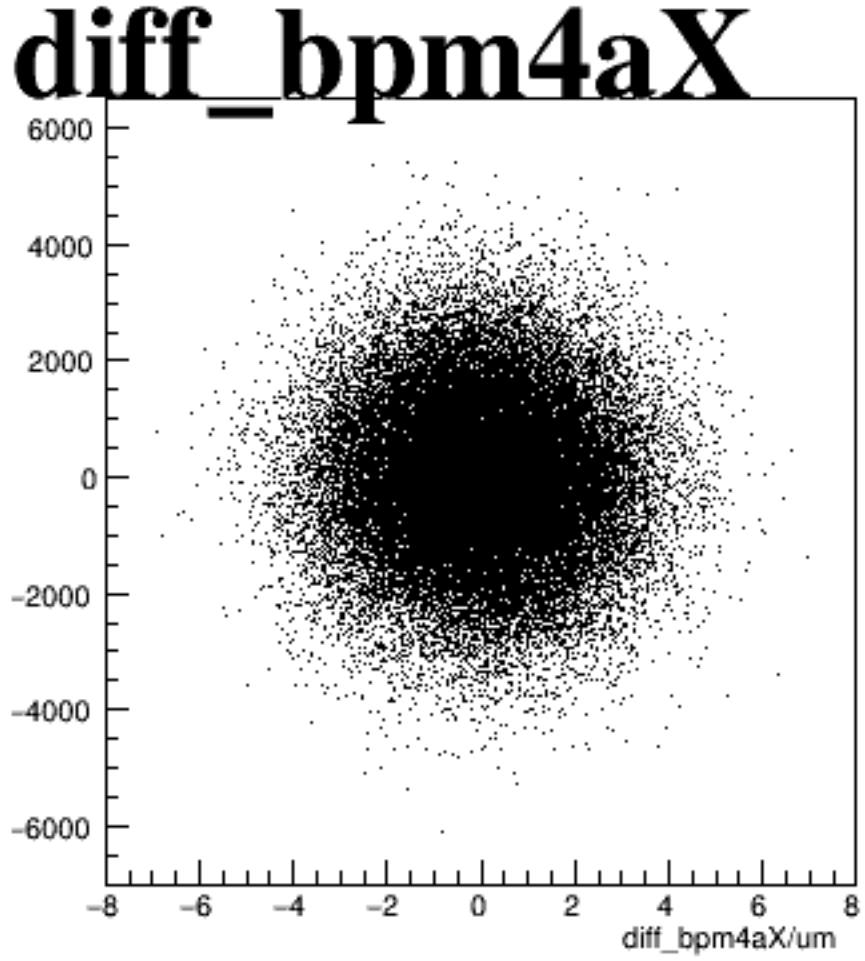
asym_sam1



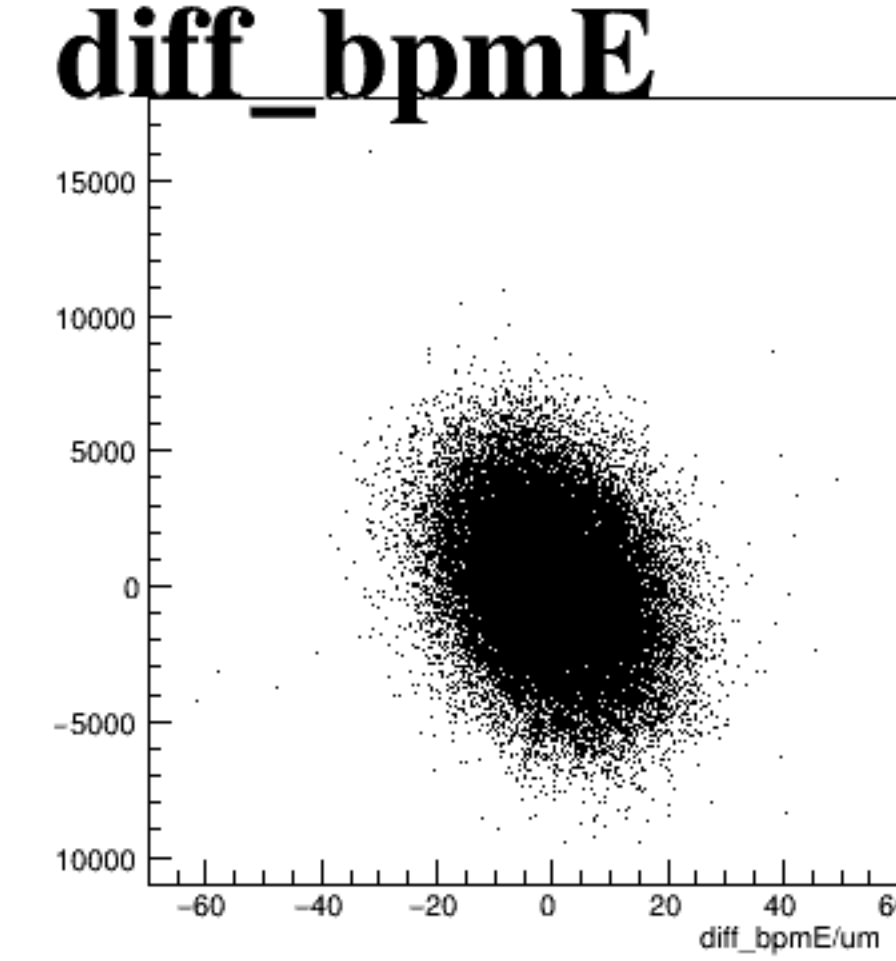
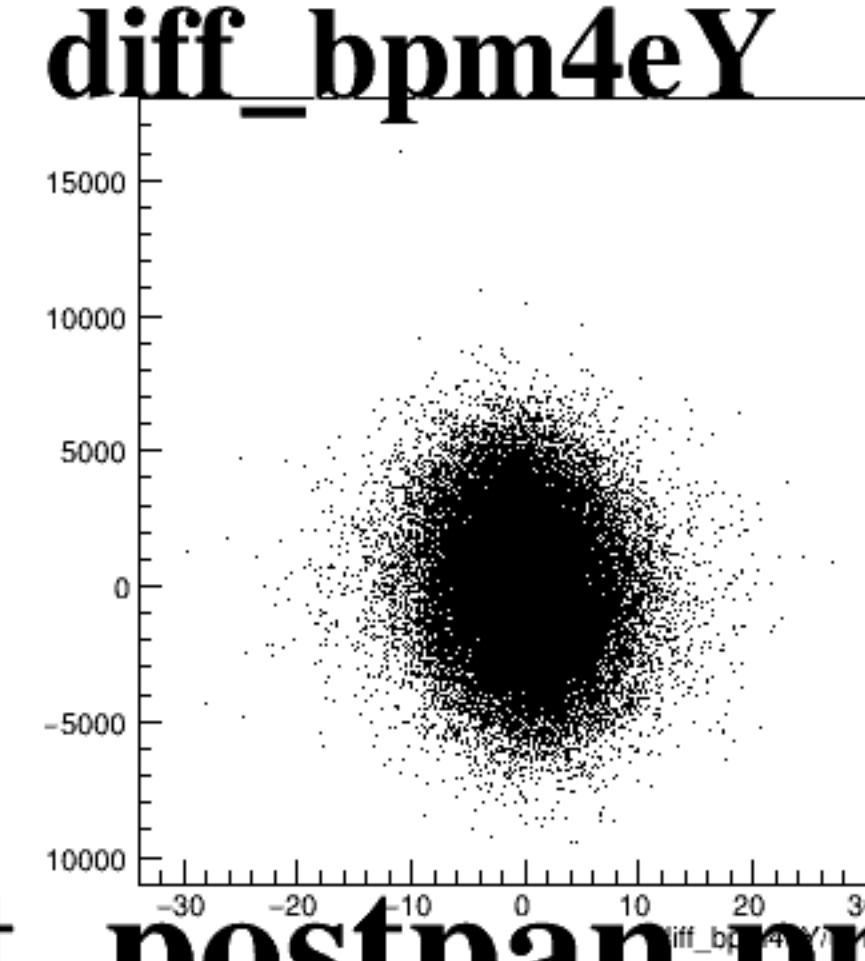
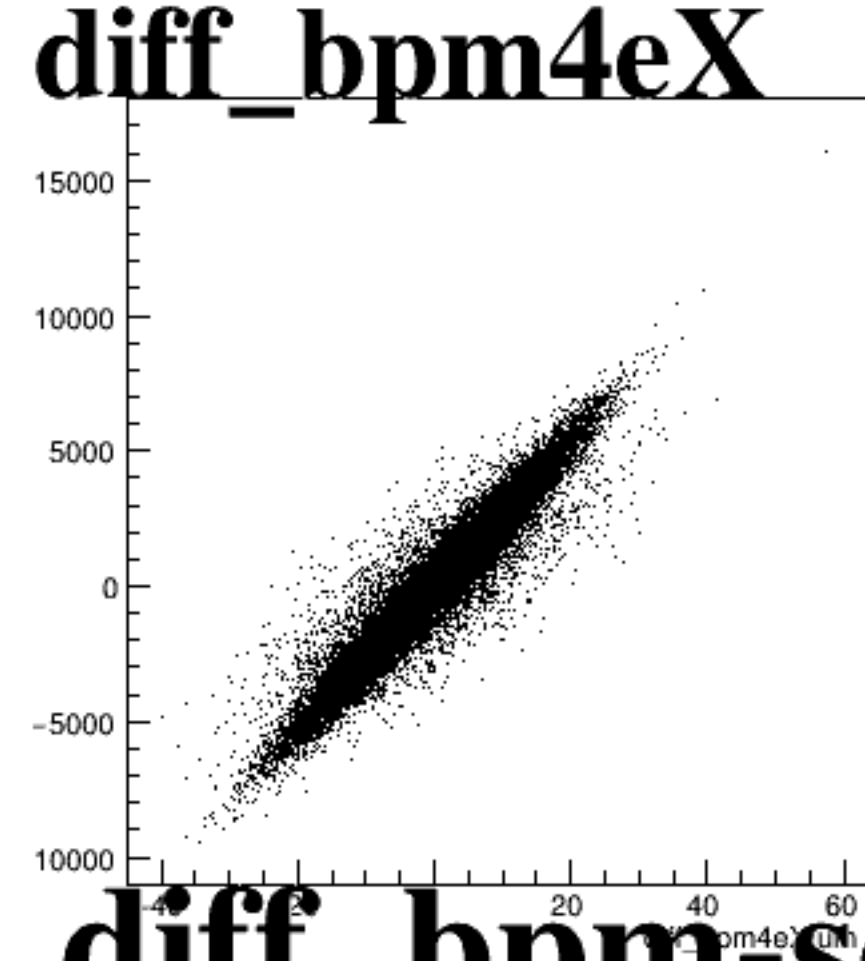
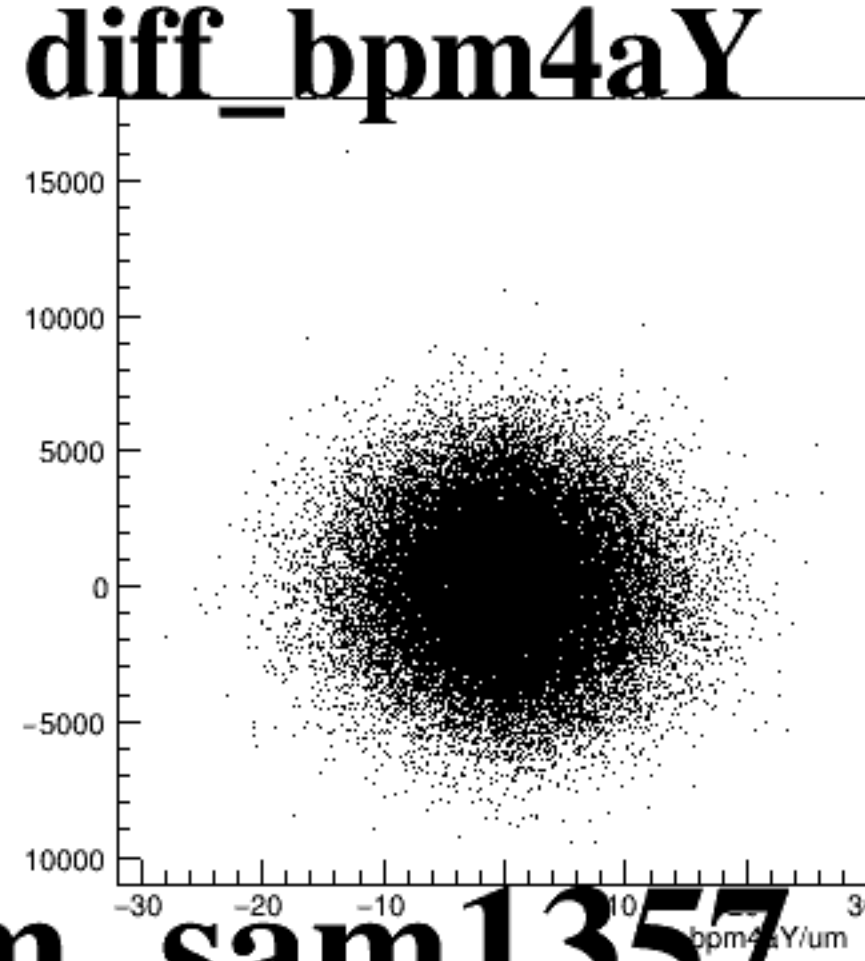
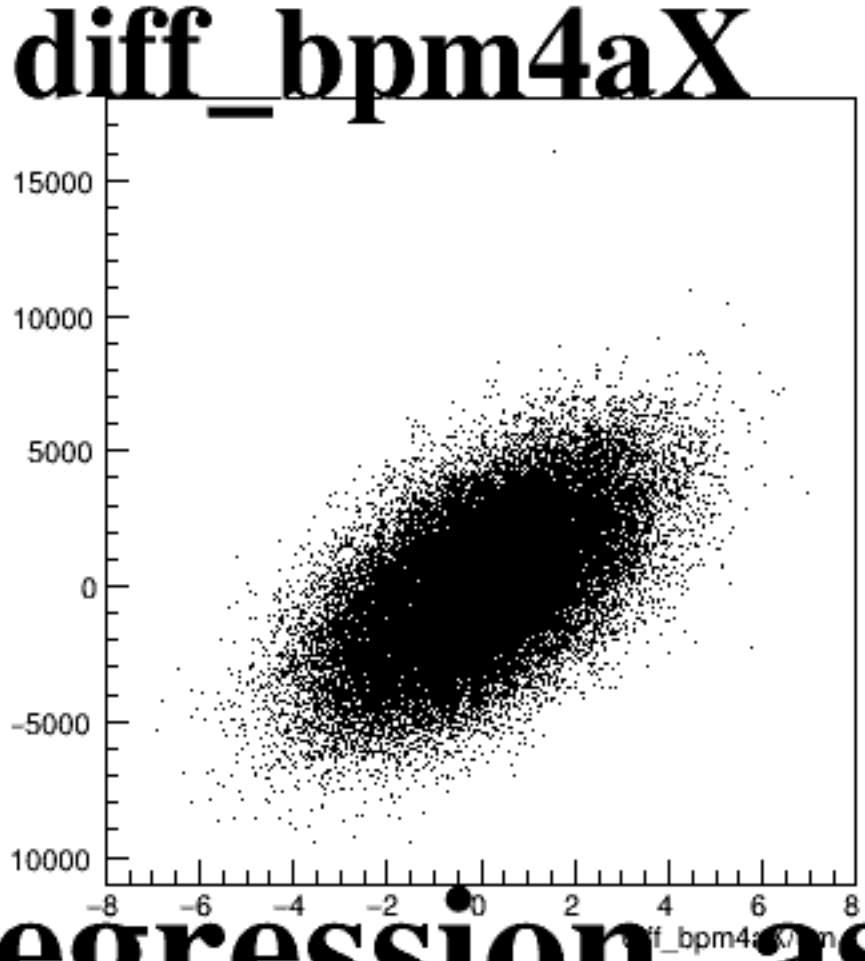
asym_sam3



asym_sam5



asym_sam7



The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff_bpm) for a specific beam parameter compared to a reference value (um). The y-axis for all plots is labeled 'diff_bpm' and ranges from -2000 to 2000. The x-axis for each plot is labeled 'diff_bpm[parameter]/um' and ranges from -8 to 8 for the first plot, -30 to 30 for the second, -40 to 60 for the third, -30 to 30 for the fourth, and -60 to 60 for the fifth. All plots show a dense, roughly circular cloud of points centered at (0,0), indicating that the difference in BPM is generally small and consistent across the range of values.

The figure consists of five scatter plots arranged horizontally, each showing the difference between the BPM4 and ESO models for a specific parameter. The plots are titled as follows:

- diff_bpm4aX**: The x-axis ranges from -8 to 8, and the y-axis ranges from -1500 to 1500. The data points are centered around zero.
- diff_bpm4aY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -1500 to 1500. The data points are centered around zero.
- diff_bpm4eX**: The x-axis ranges from -30 to 60, and the y-axis ranges from -1500 to 1500. The data points are centered around zero.
- diff_bpm4eY**: The x-axis ranges from -30 to 30, and the y-axis ranges from -1500 to 1500. The data points are centered around zero.
- diff_bpmE**: The x-axis ranges from -60 to 60, and the y-axis ranges from -1500 to 1500. The data points are centered around zero.

All plots show a dense cloud of points, indicating that the differences between the two models are generally small and centered around zero.