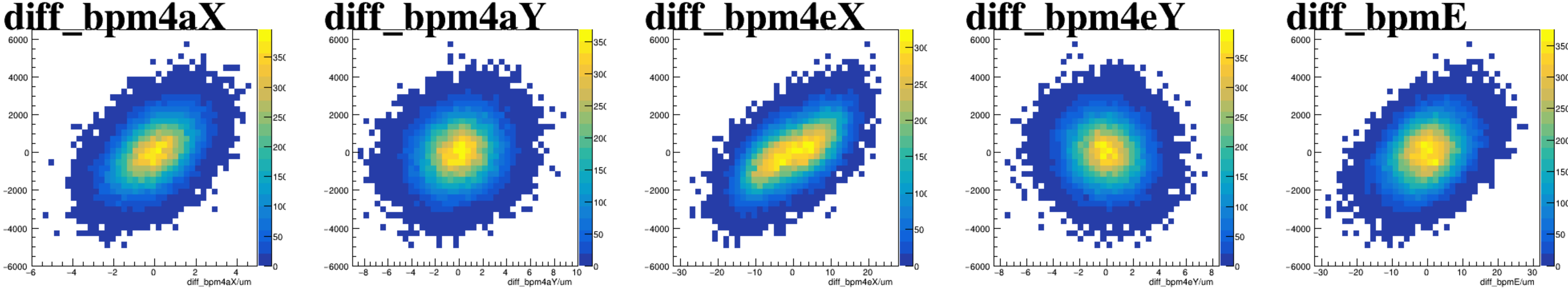
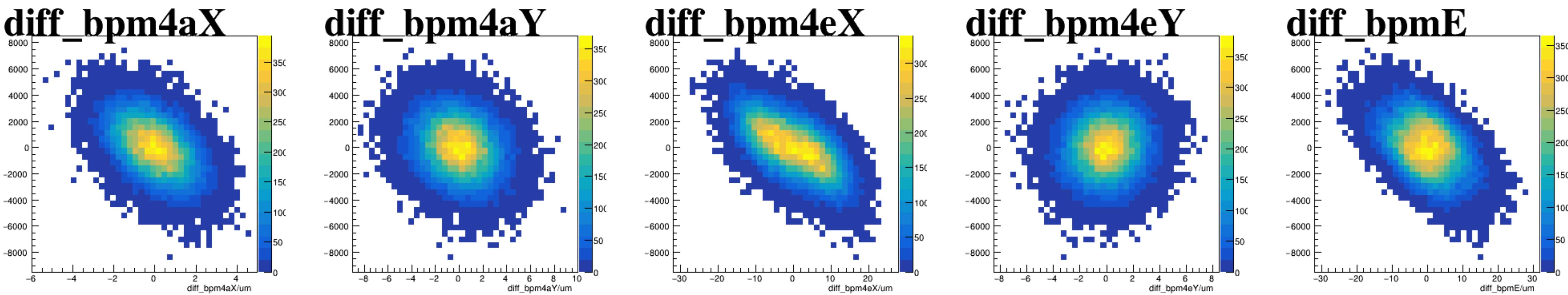


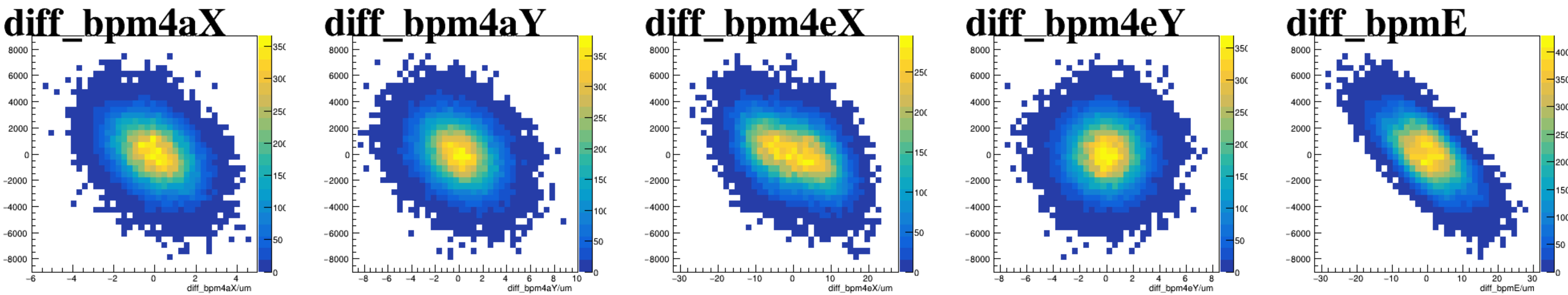
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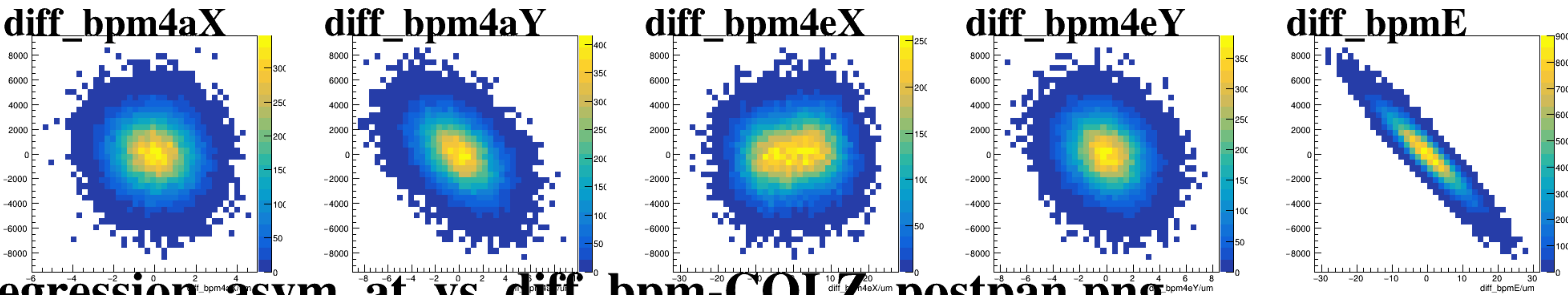
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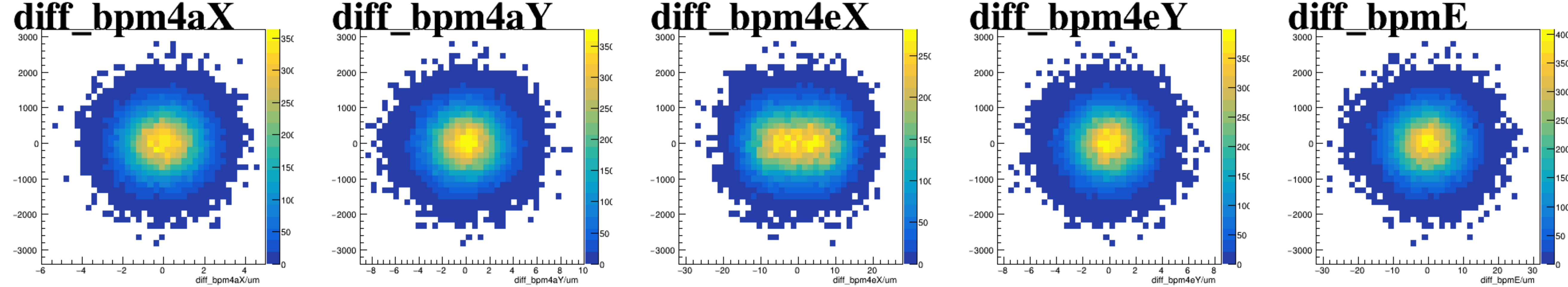
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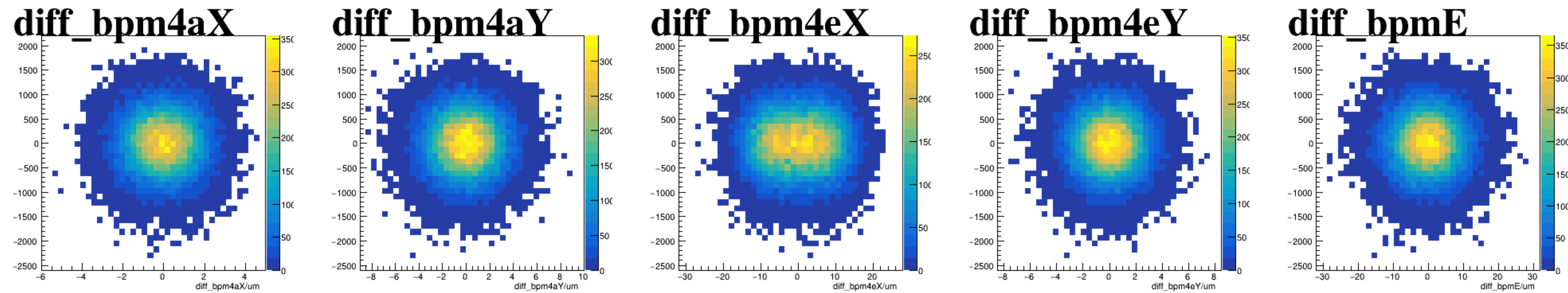
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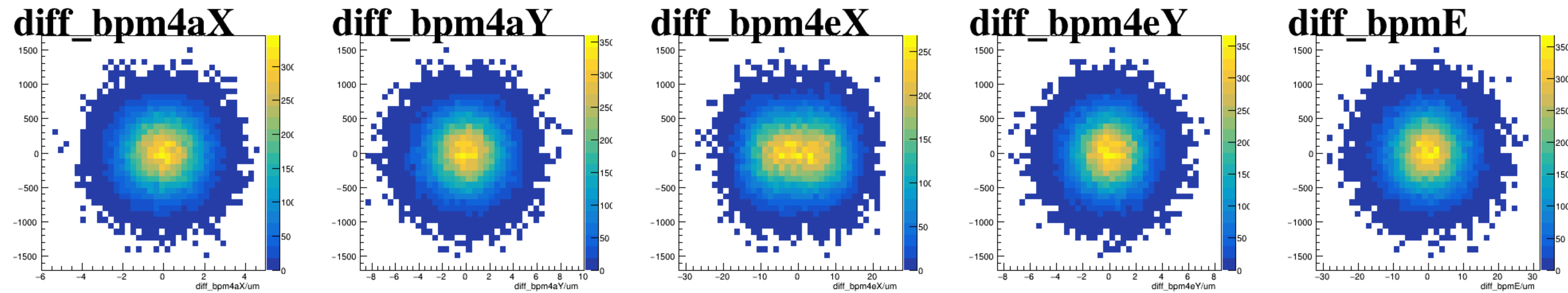
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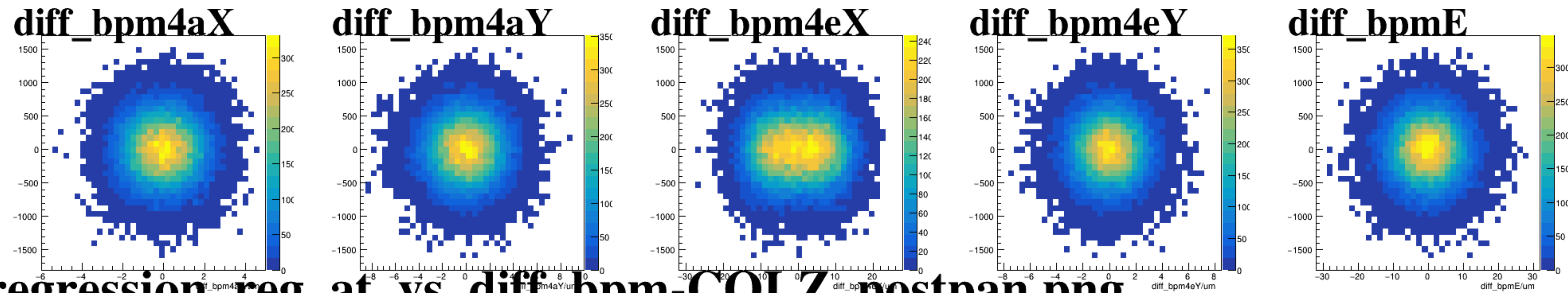
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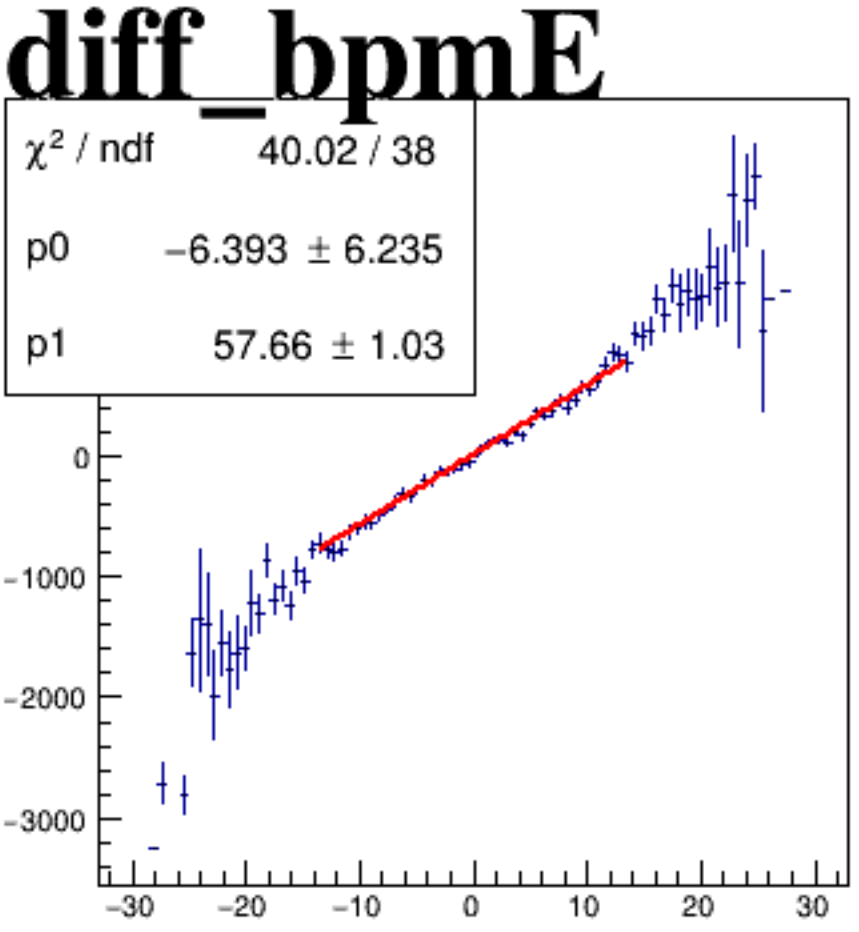
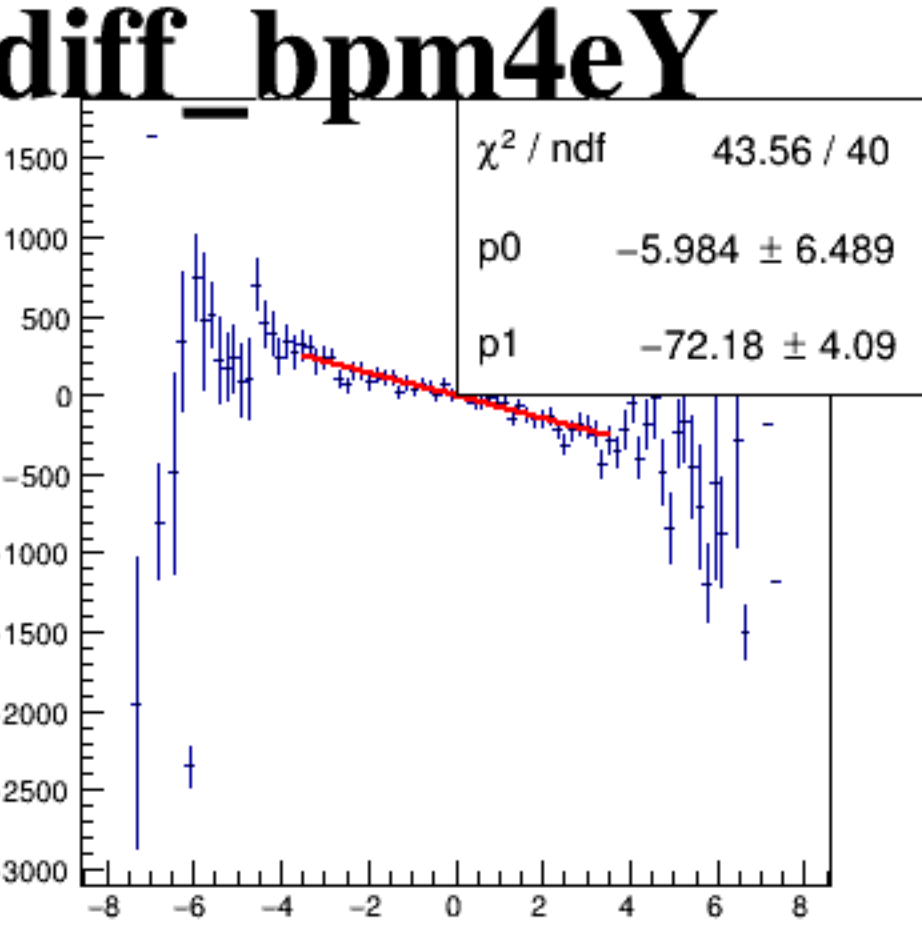
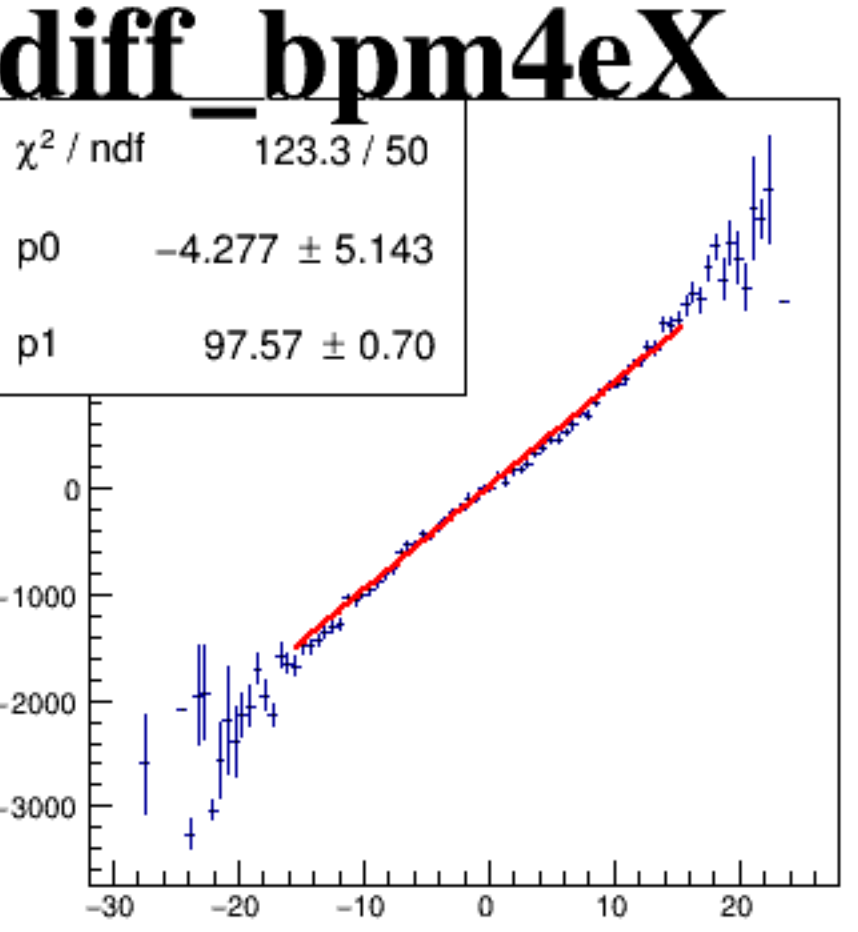
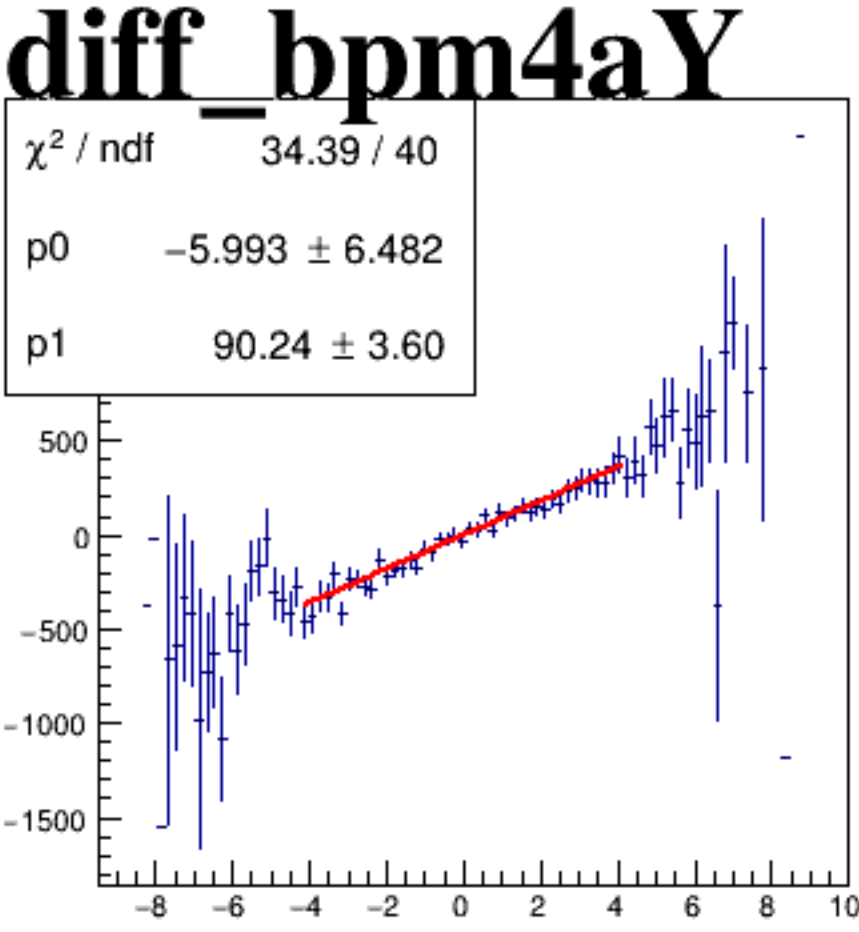
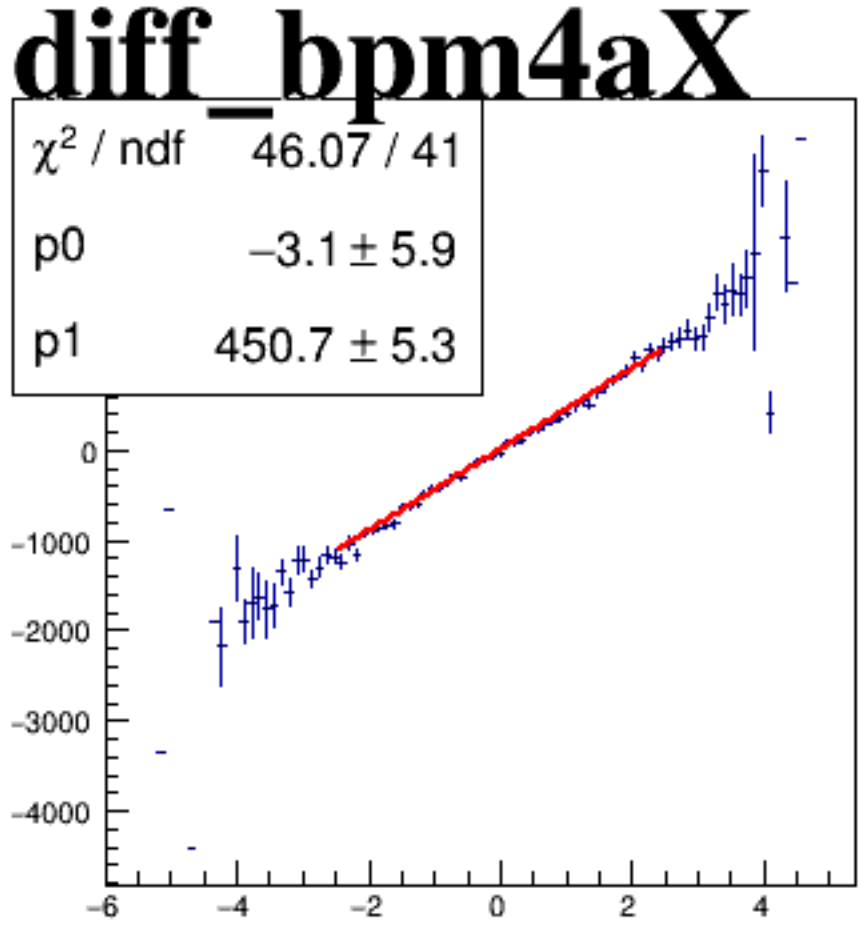
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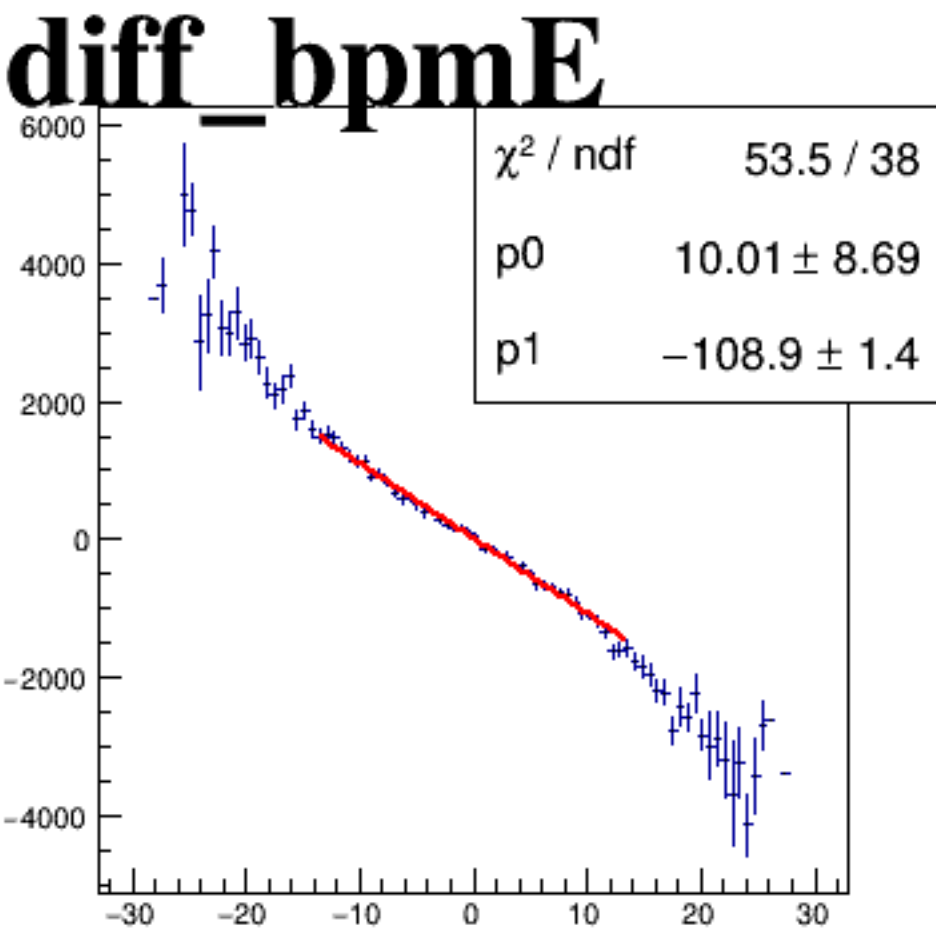
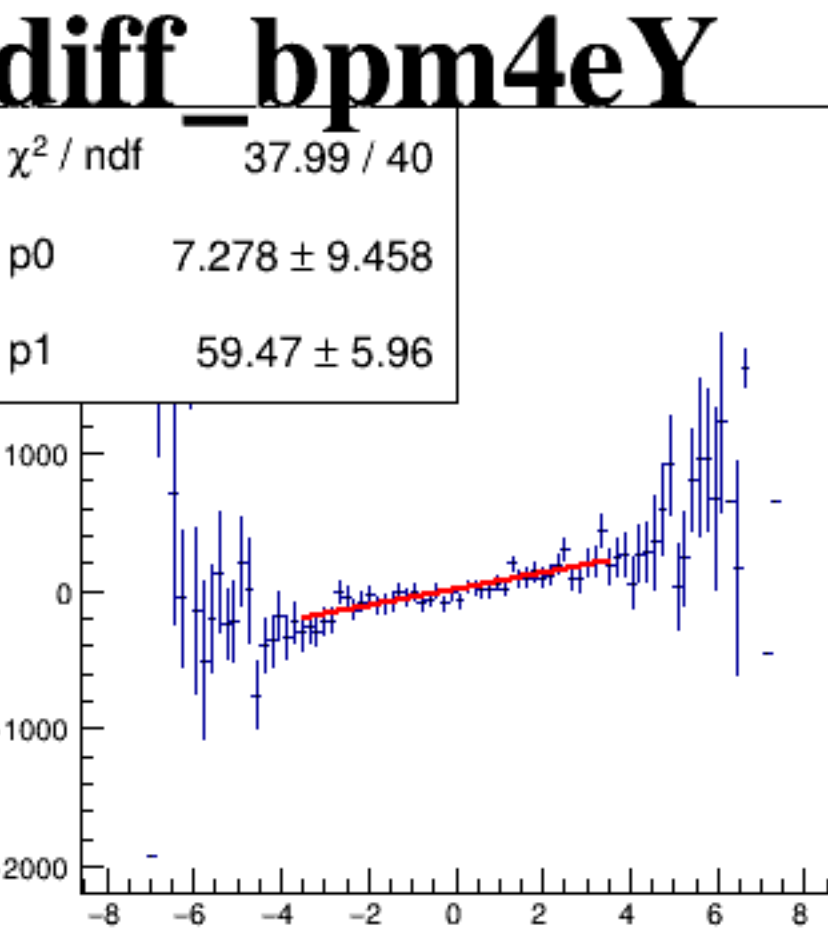
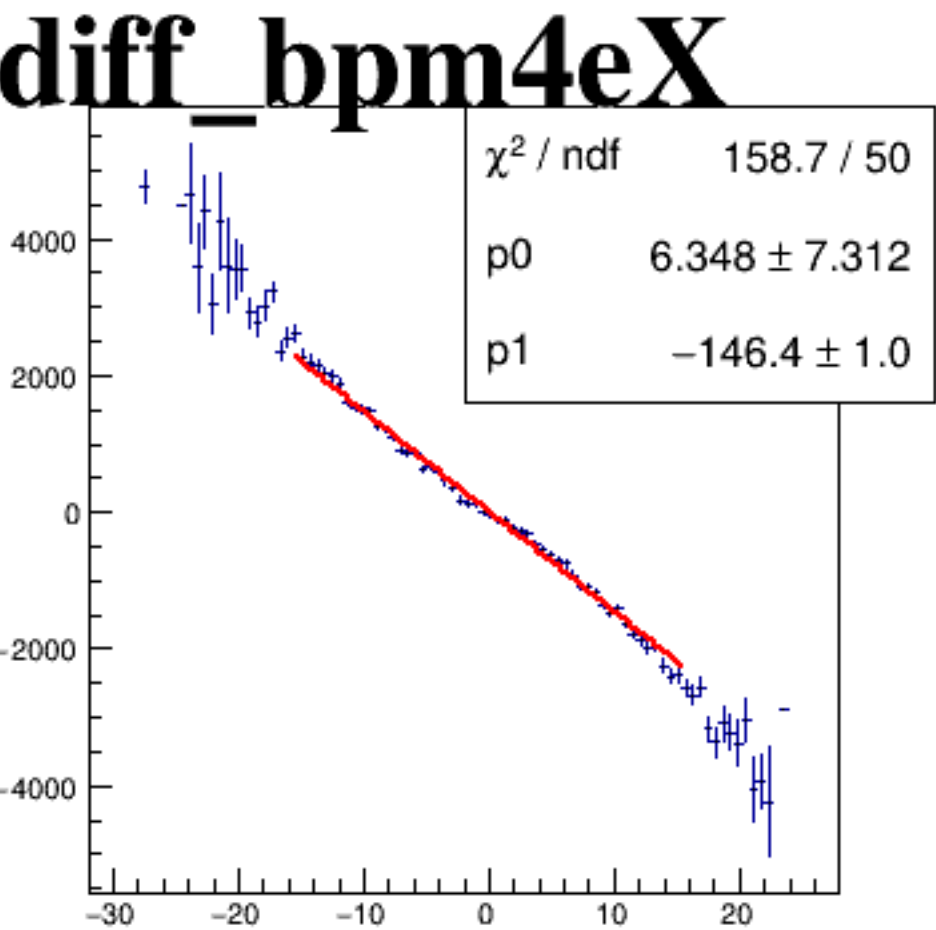
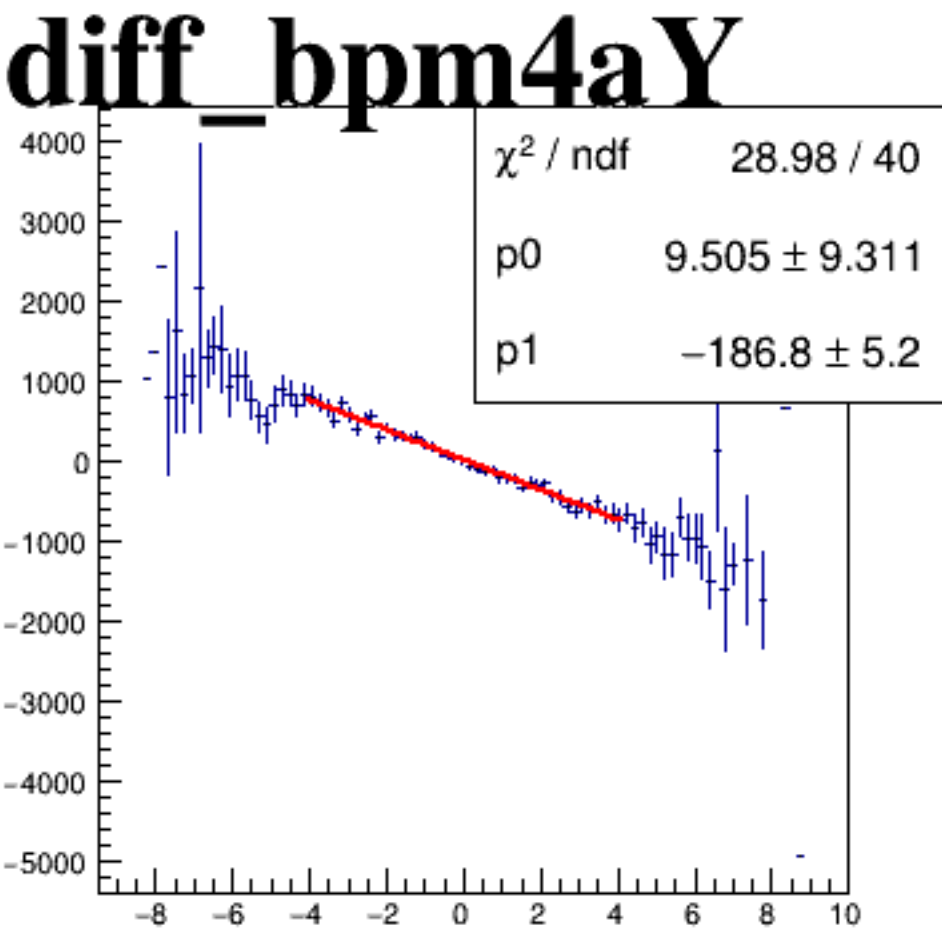
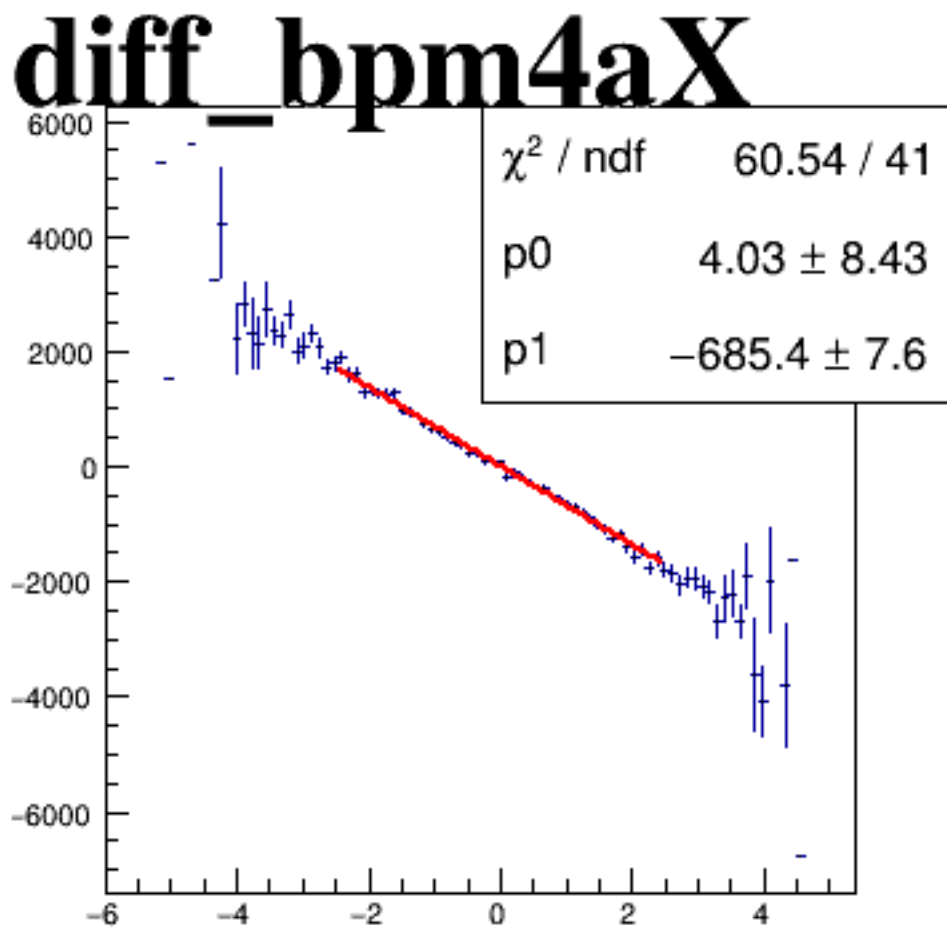
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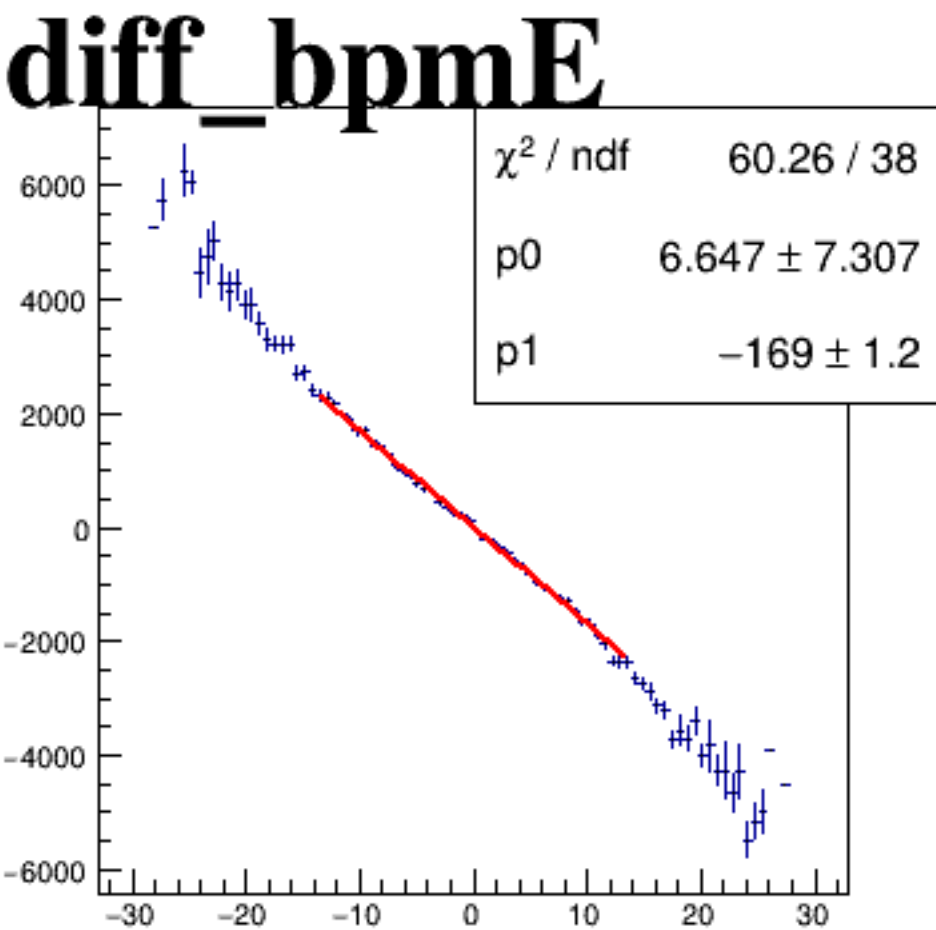
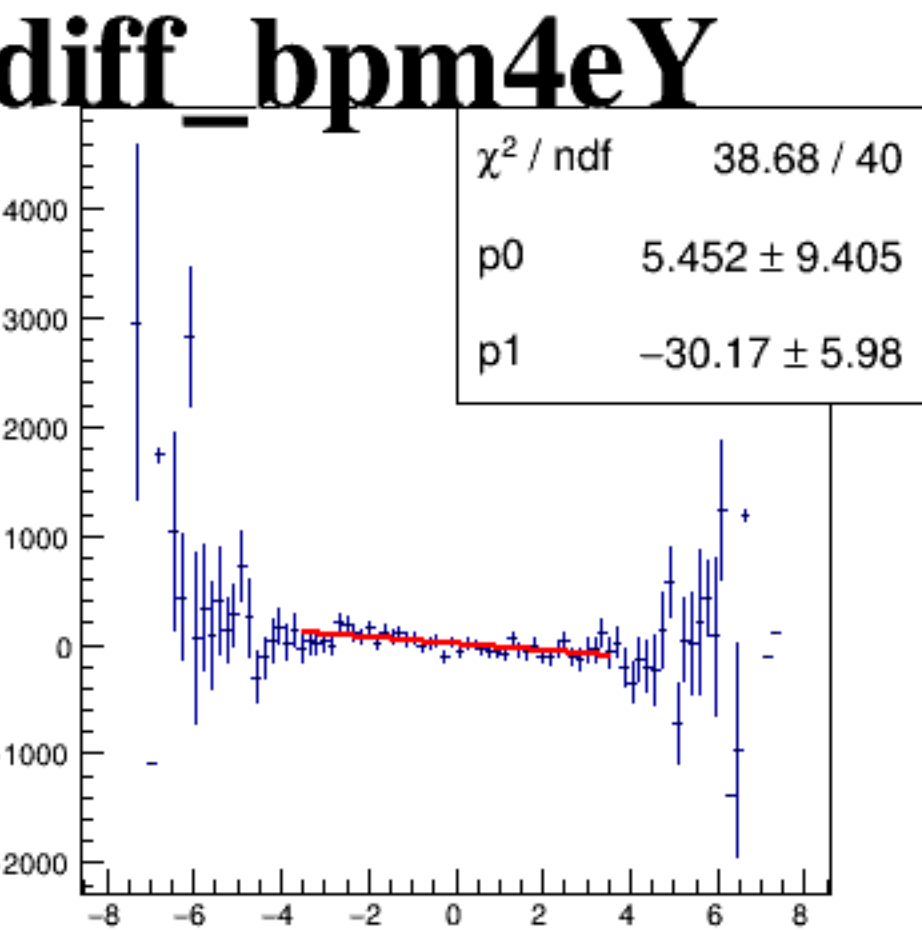
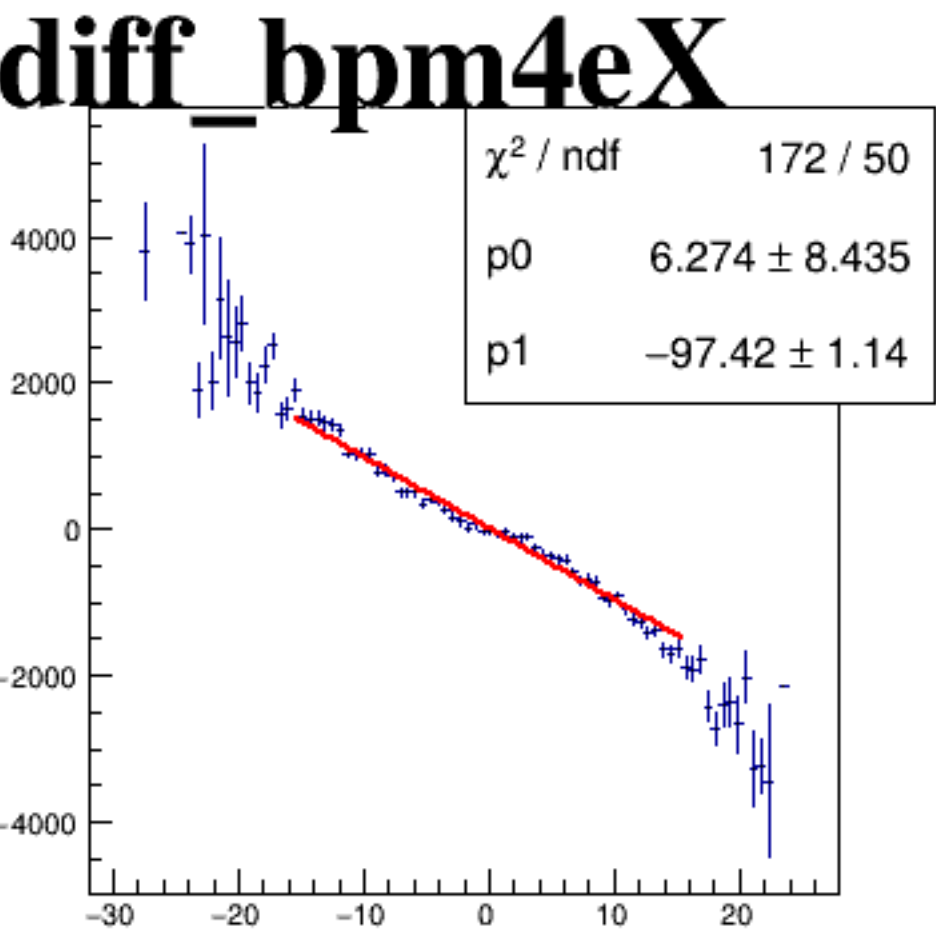
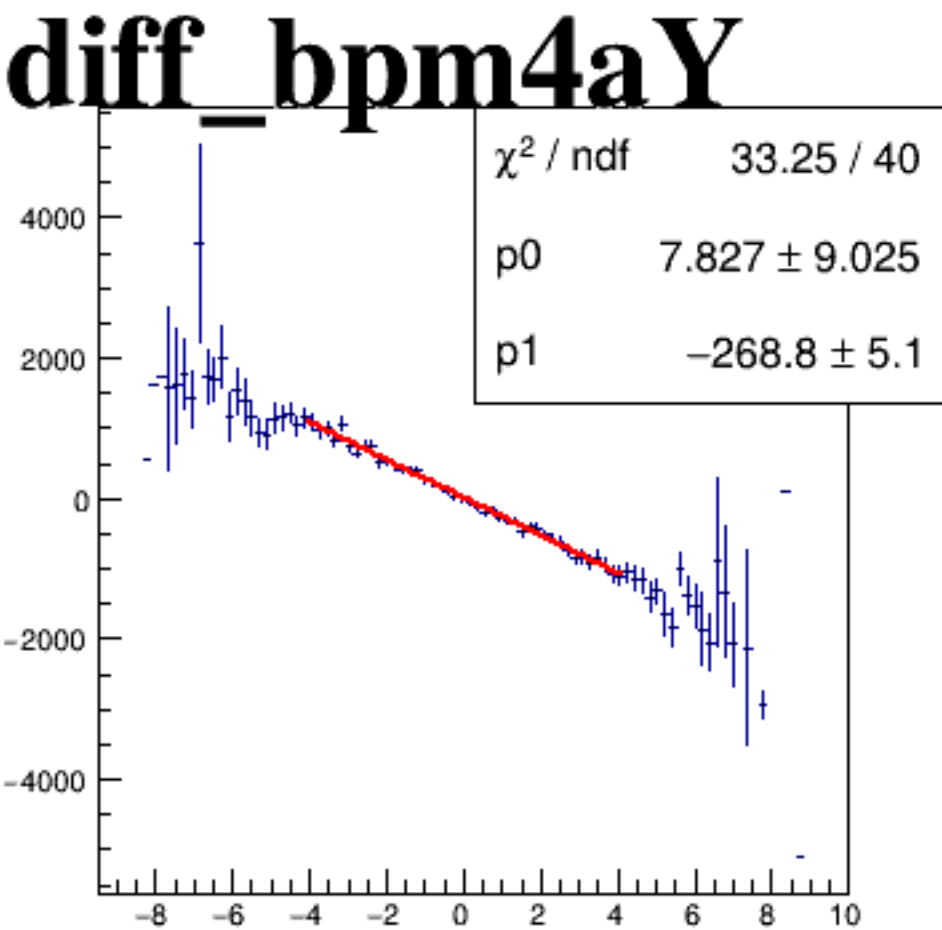
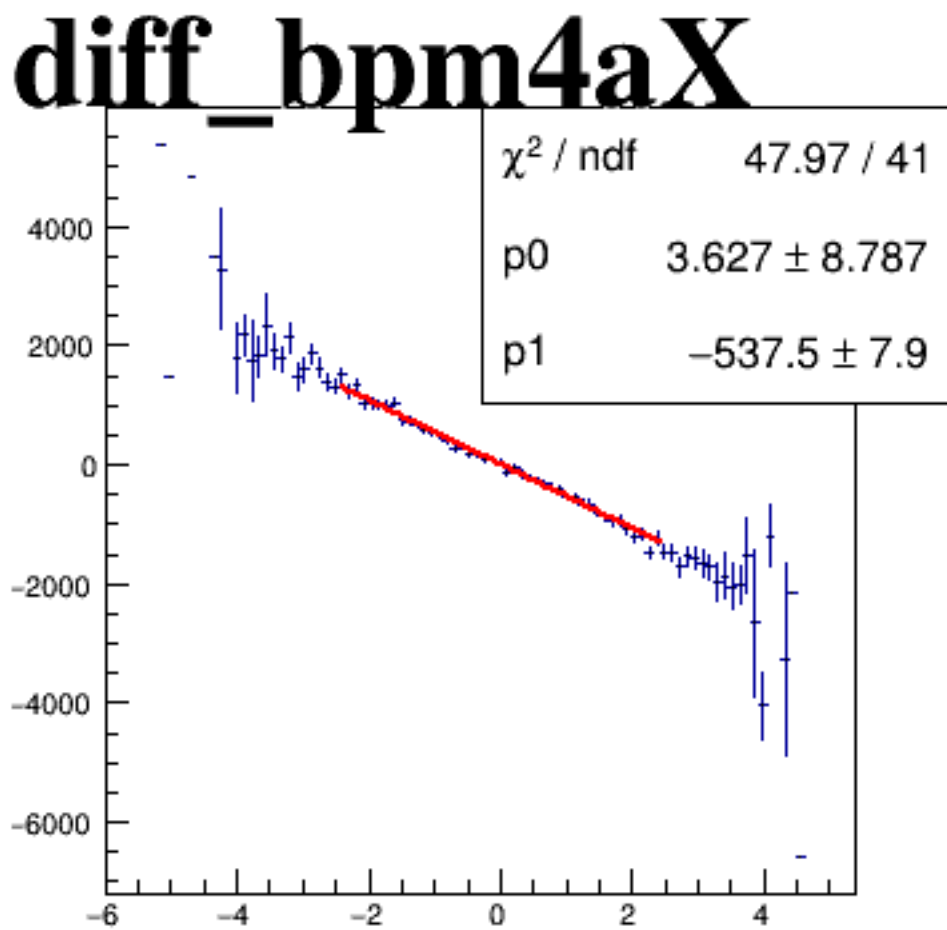
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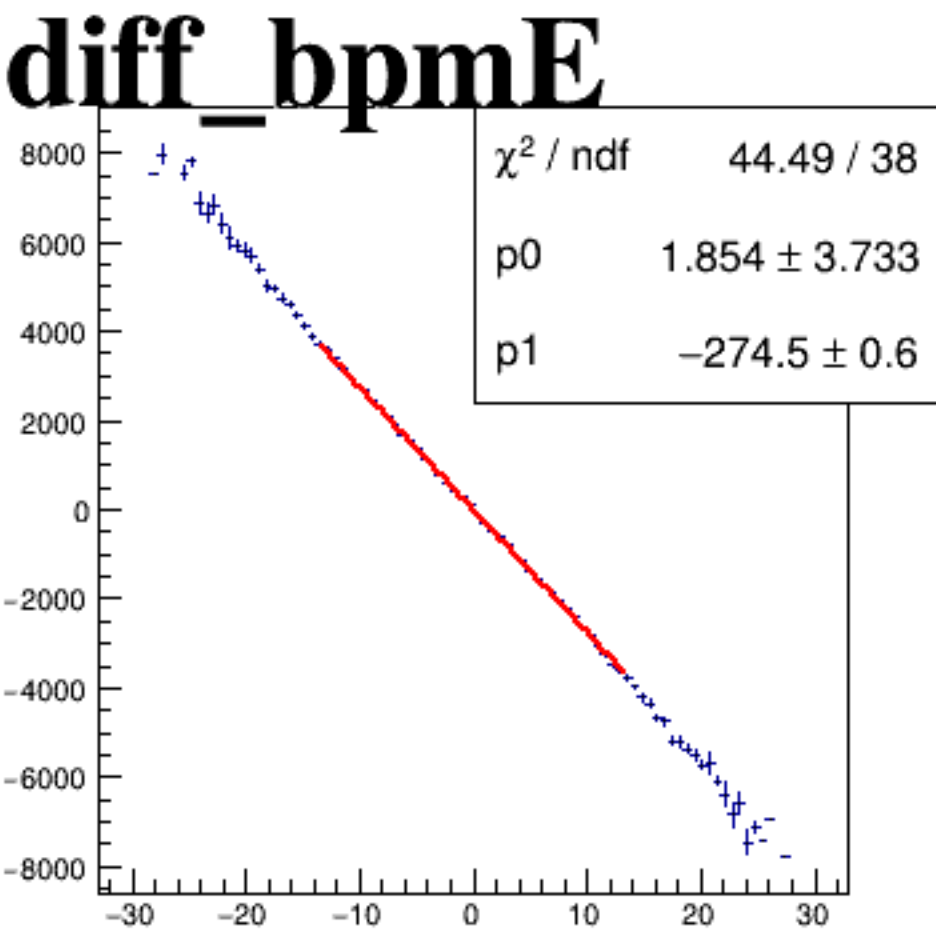
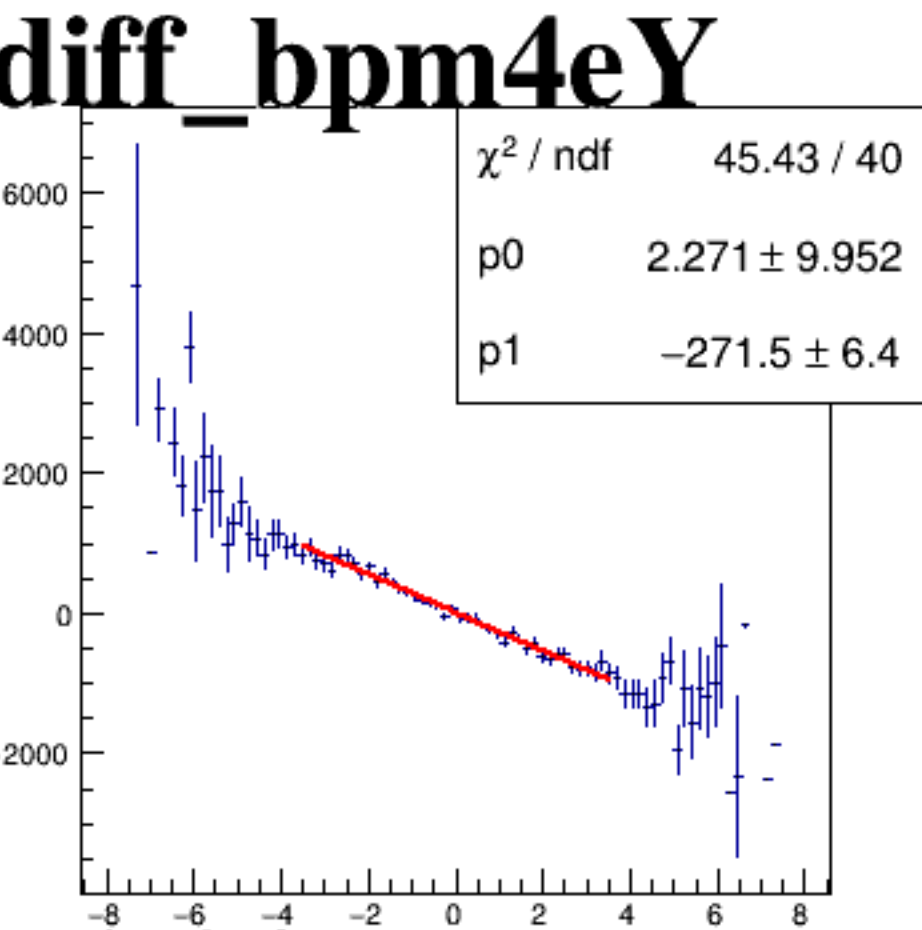
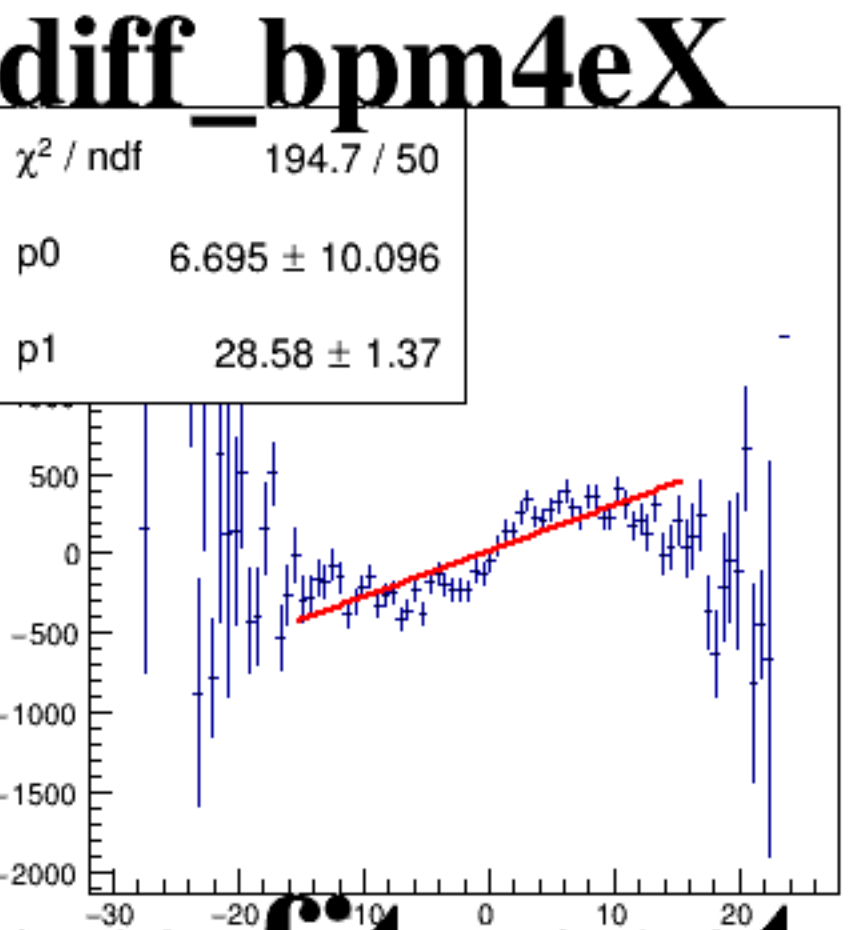
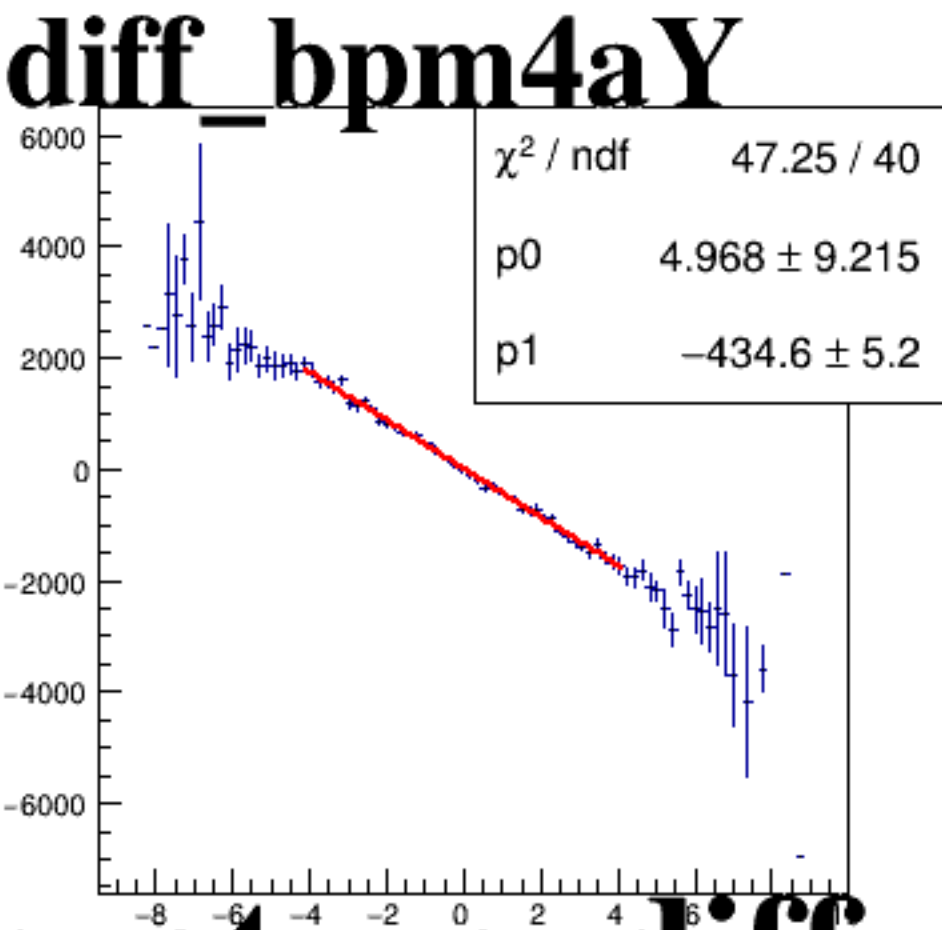
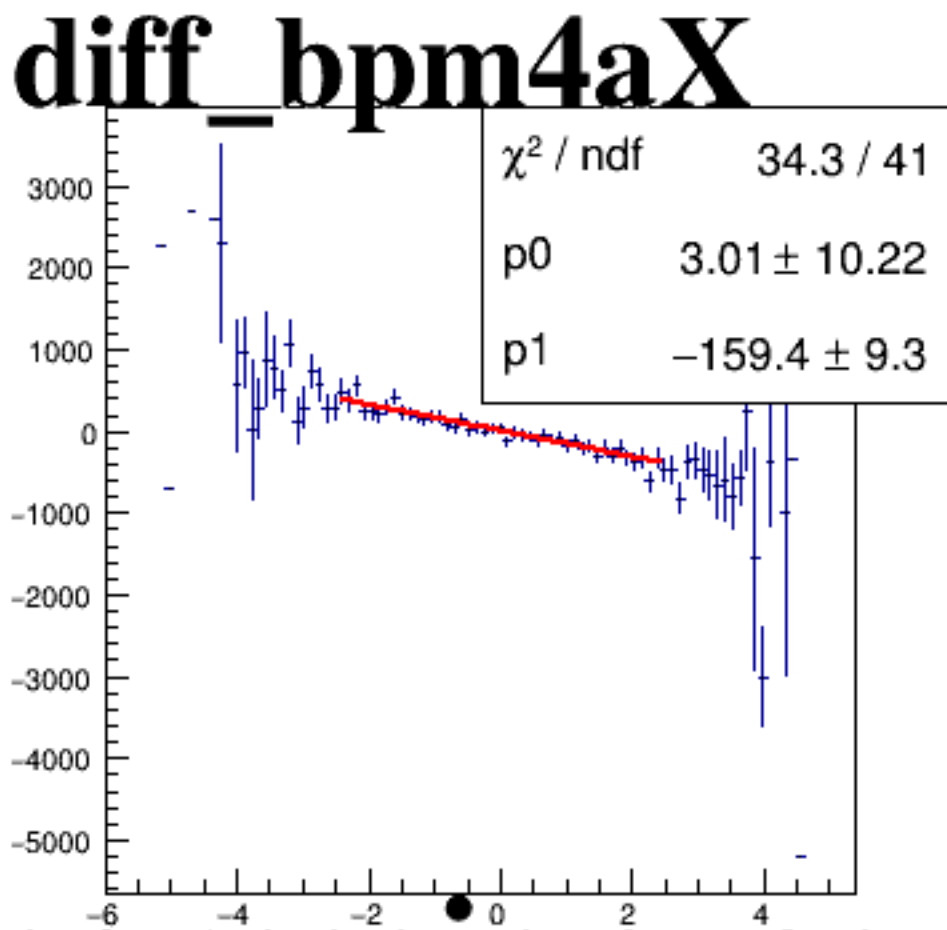
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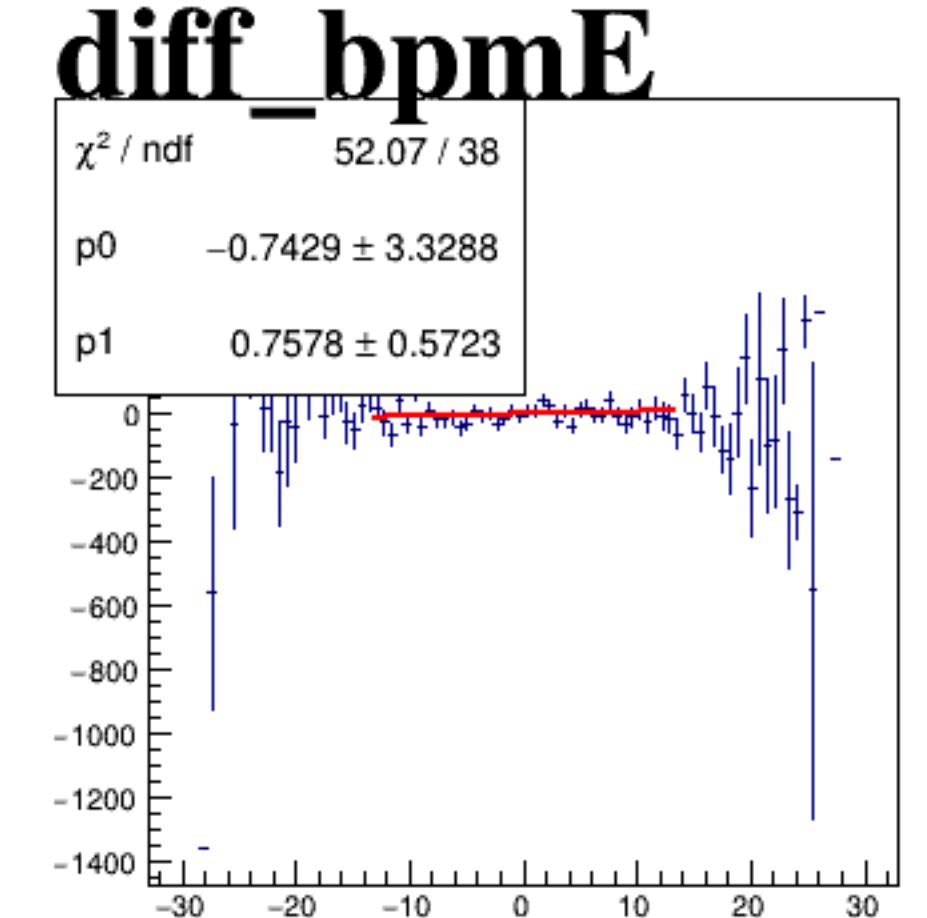
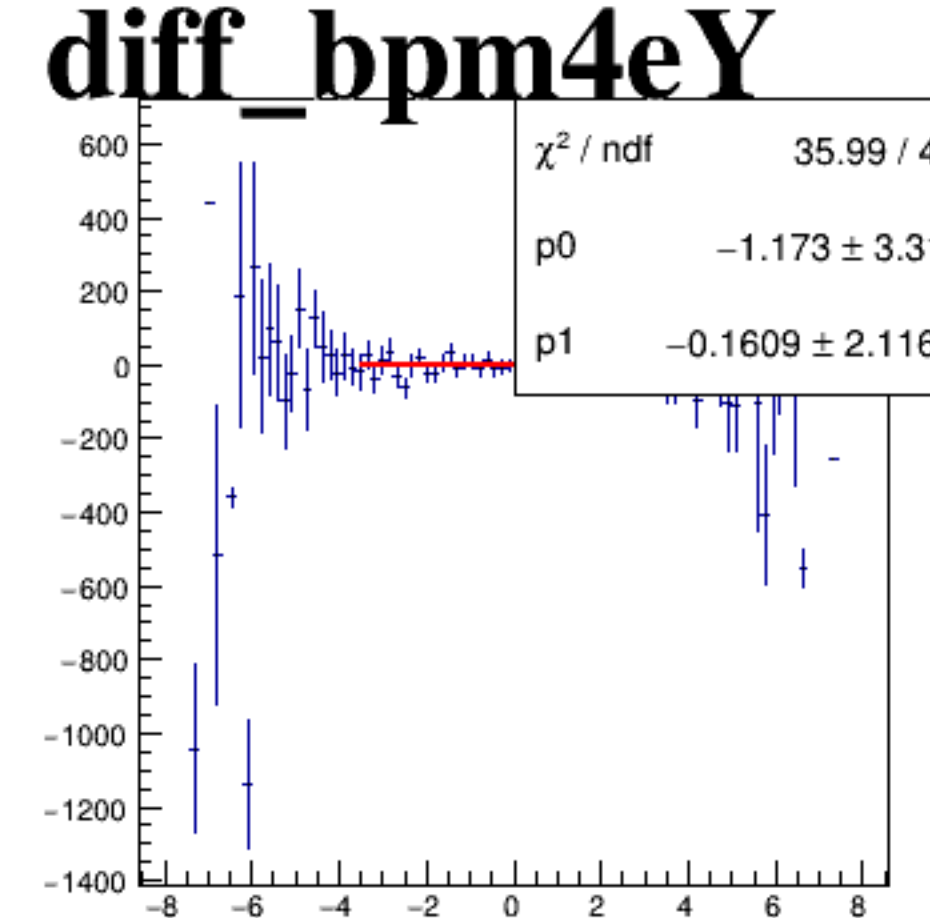
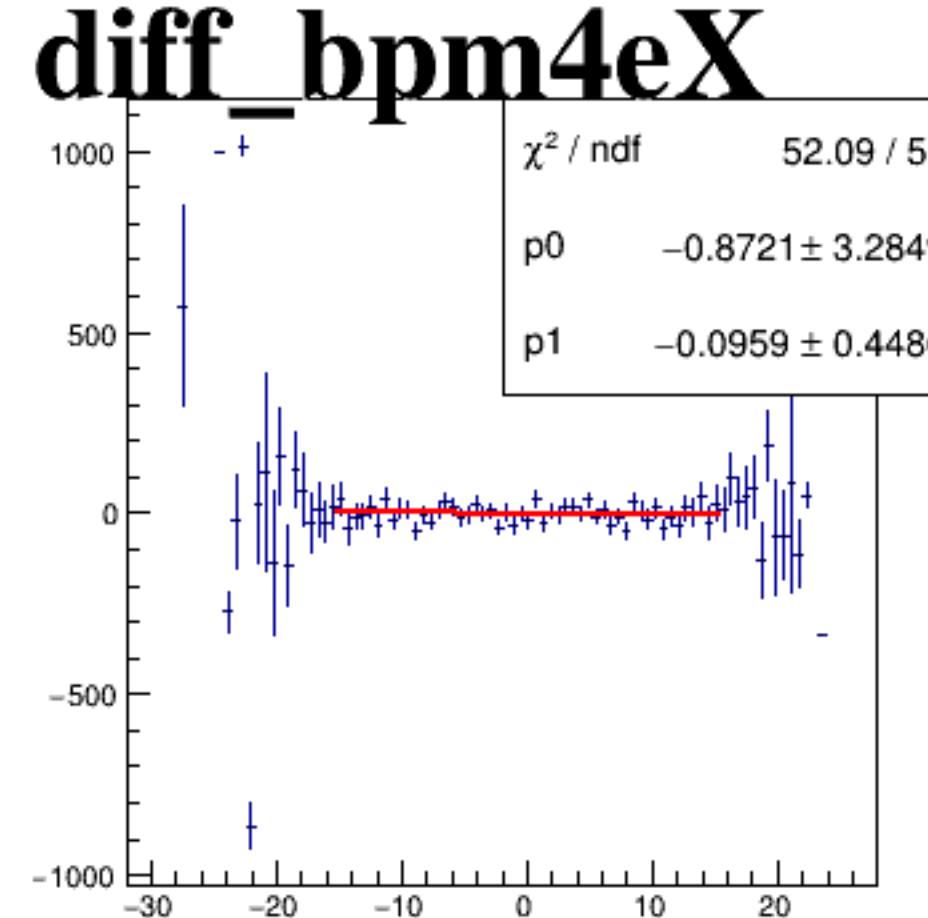
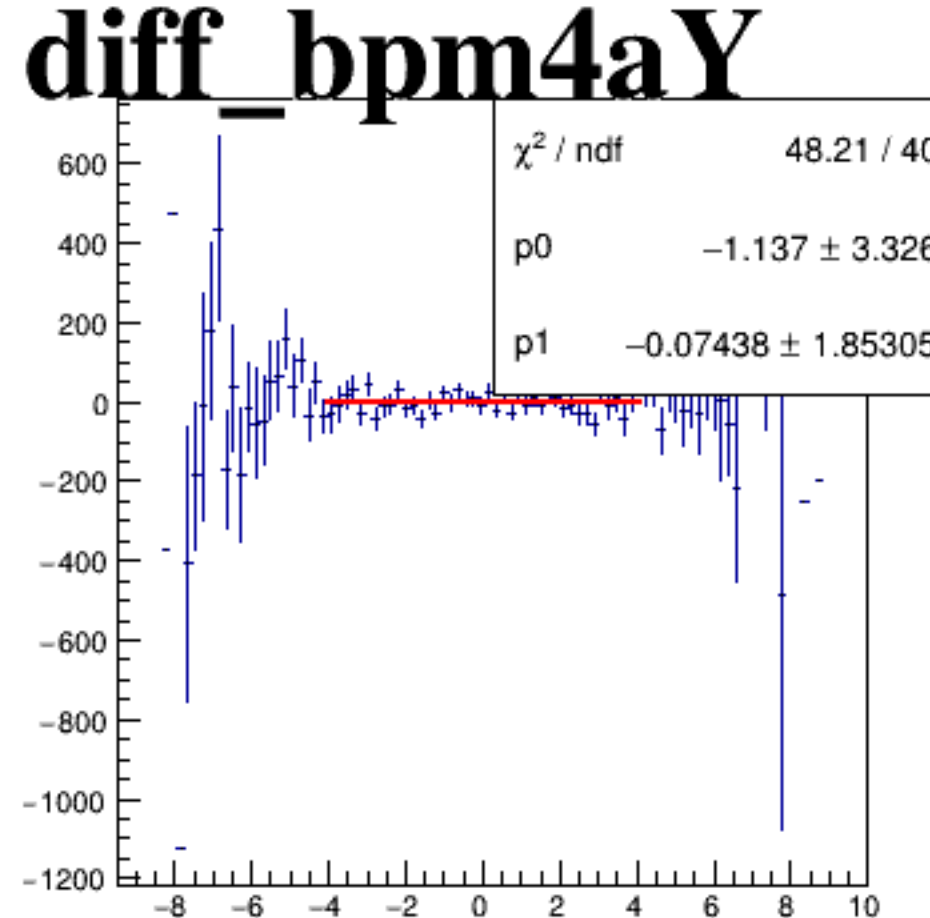
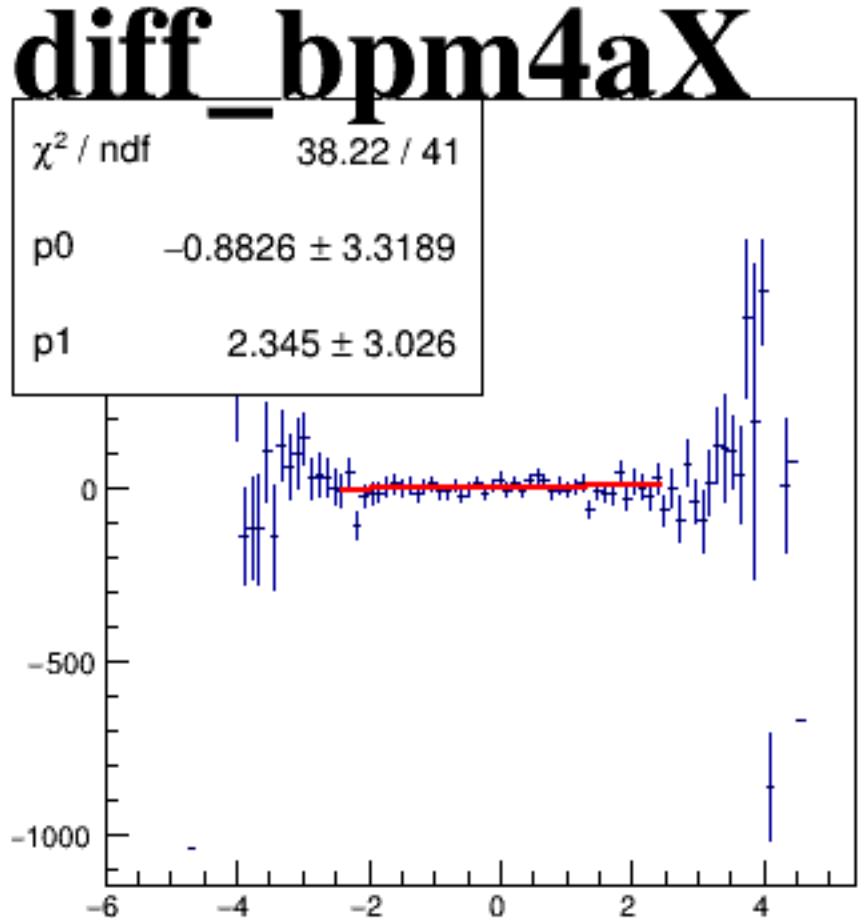
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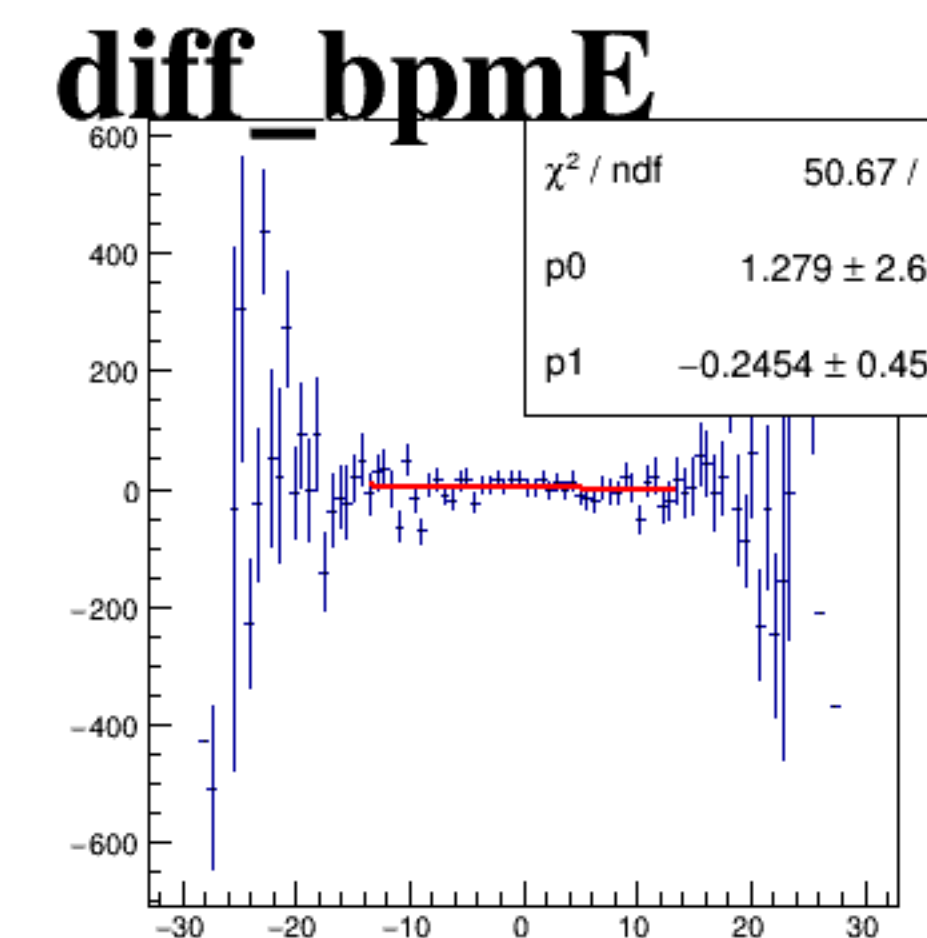
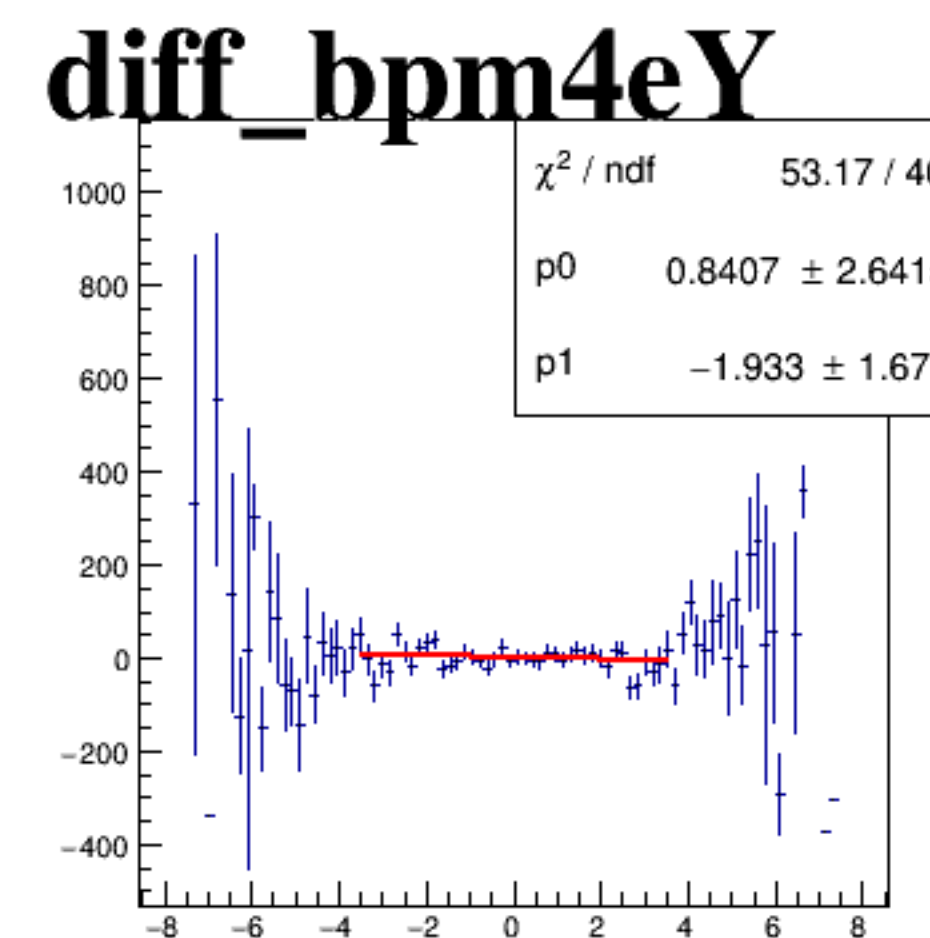
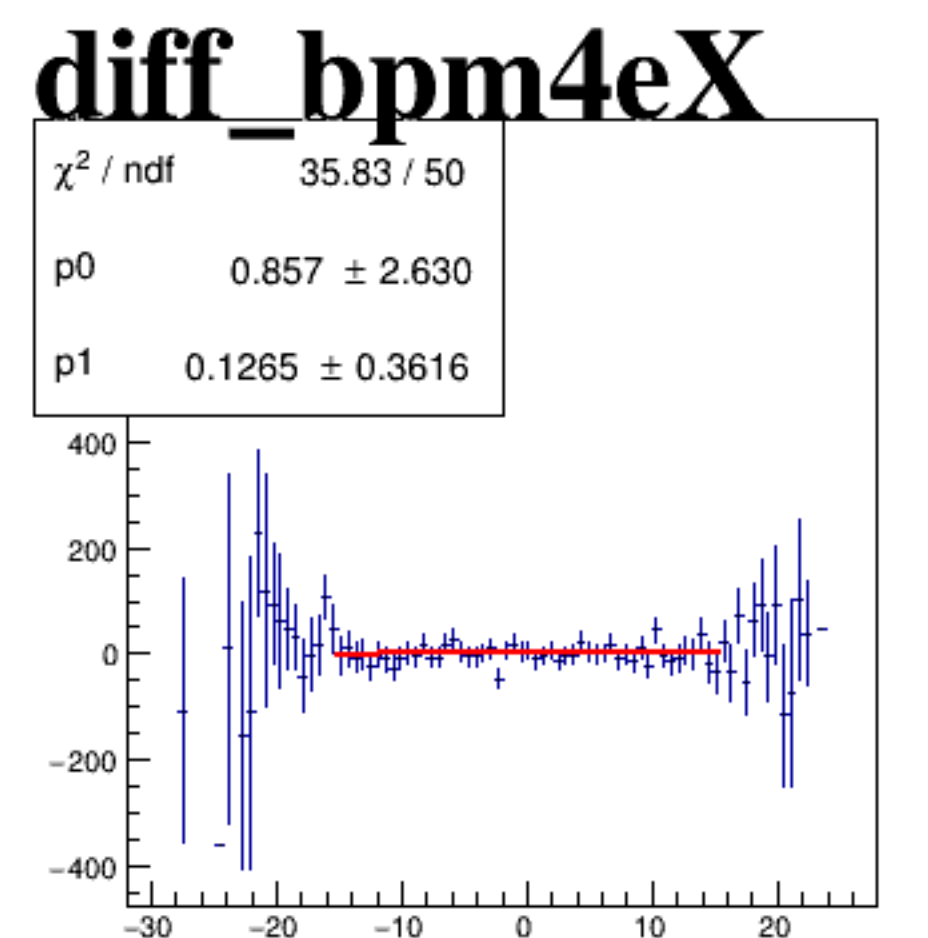
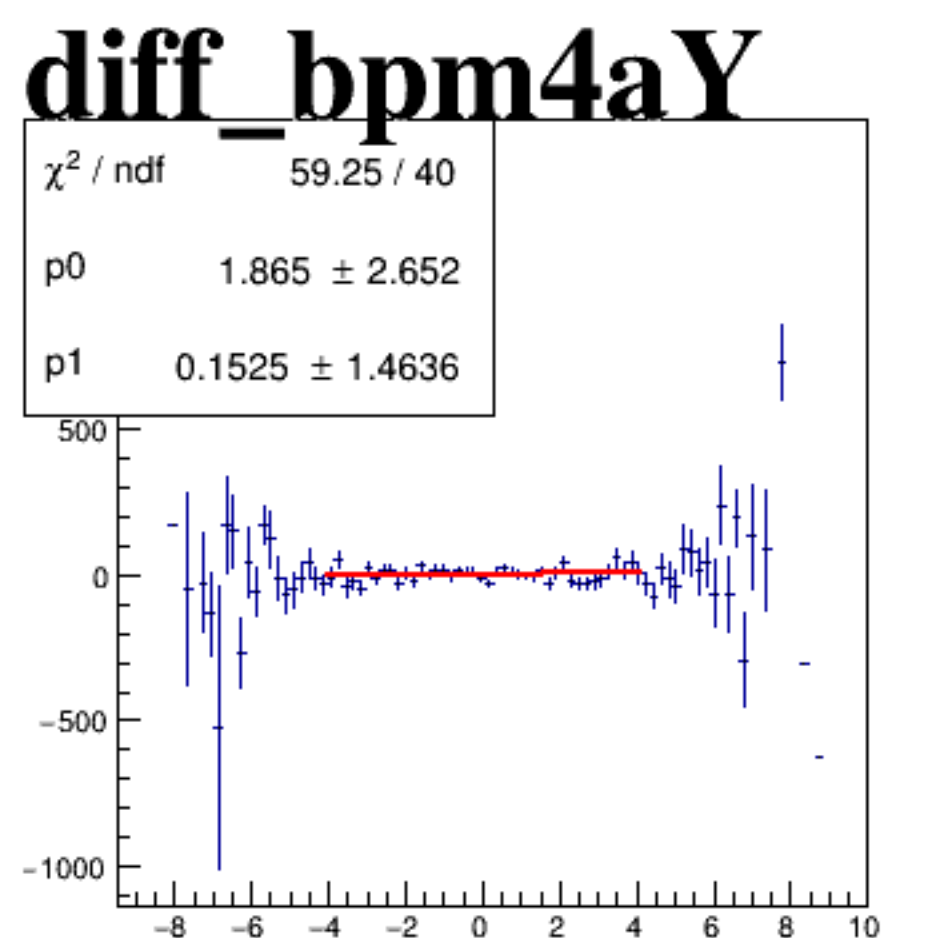
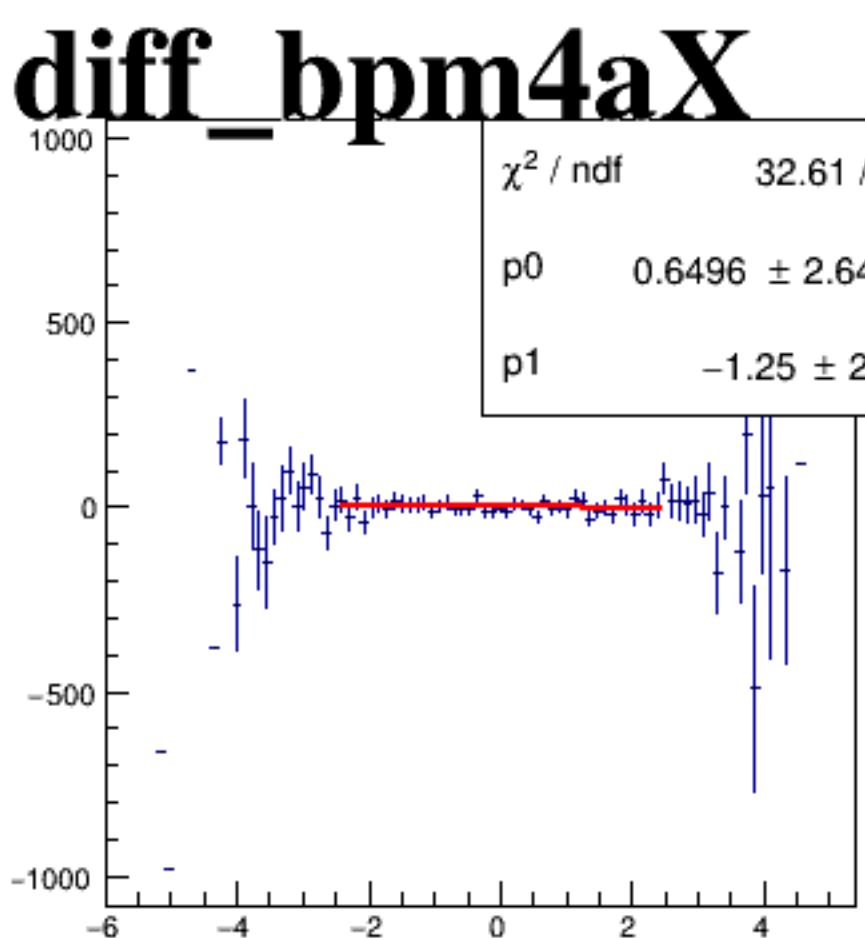
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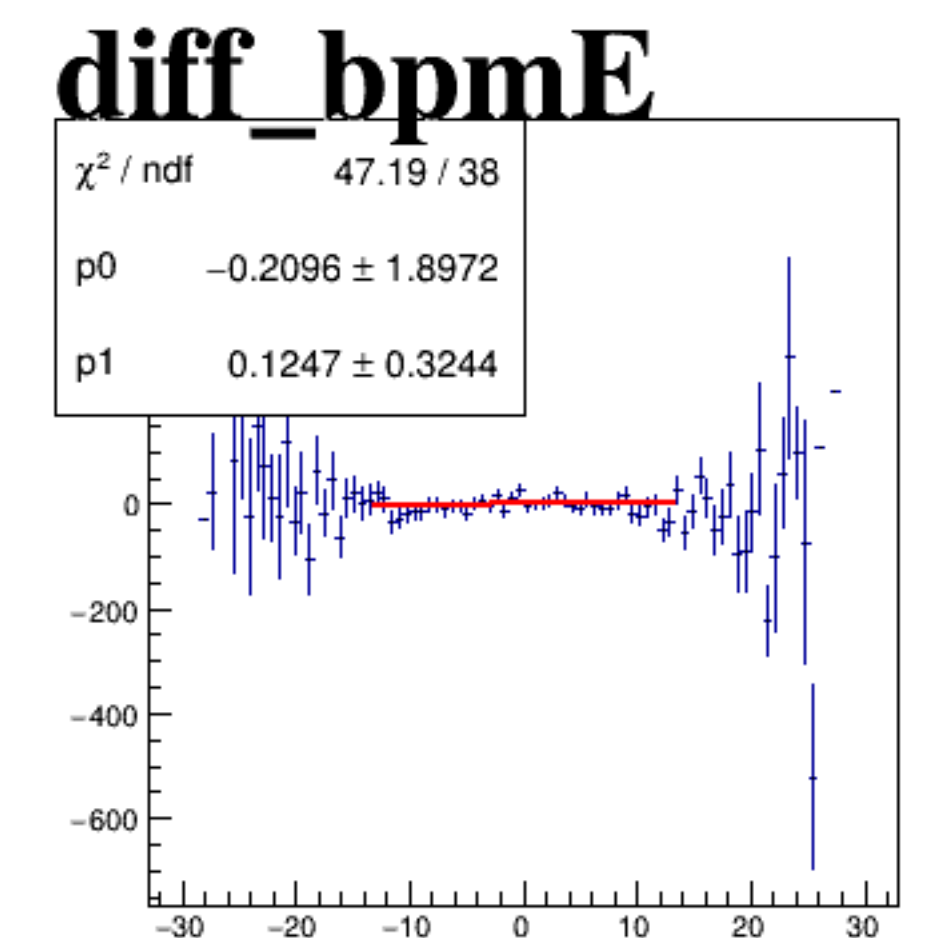
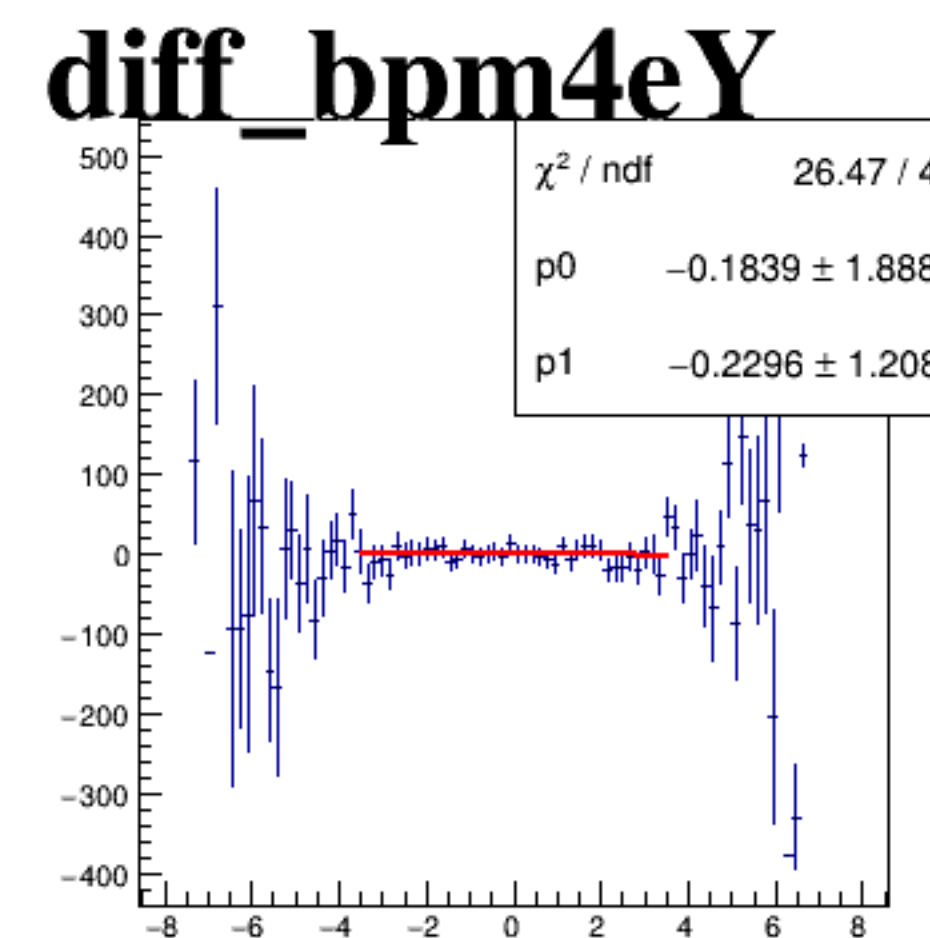
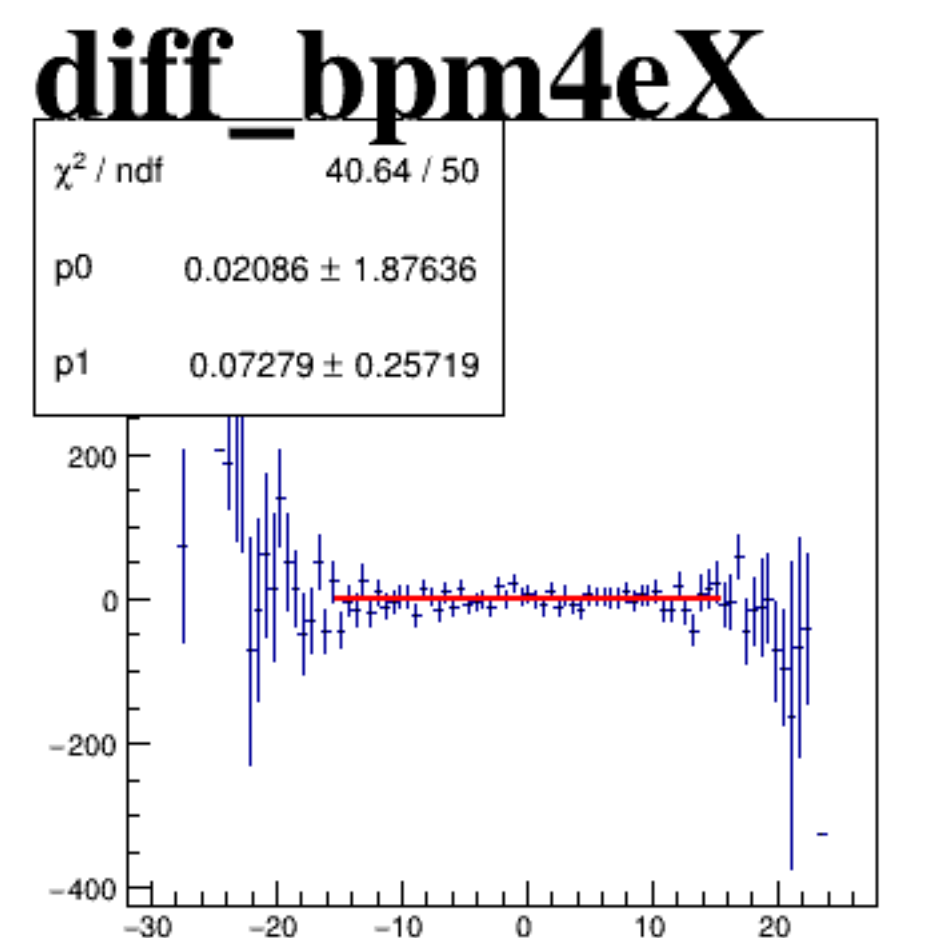
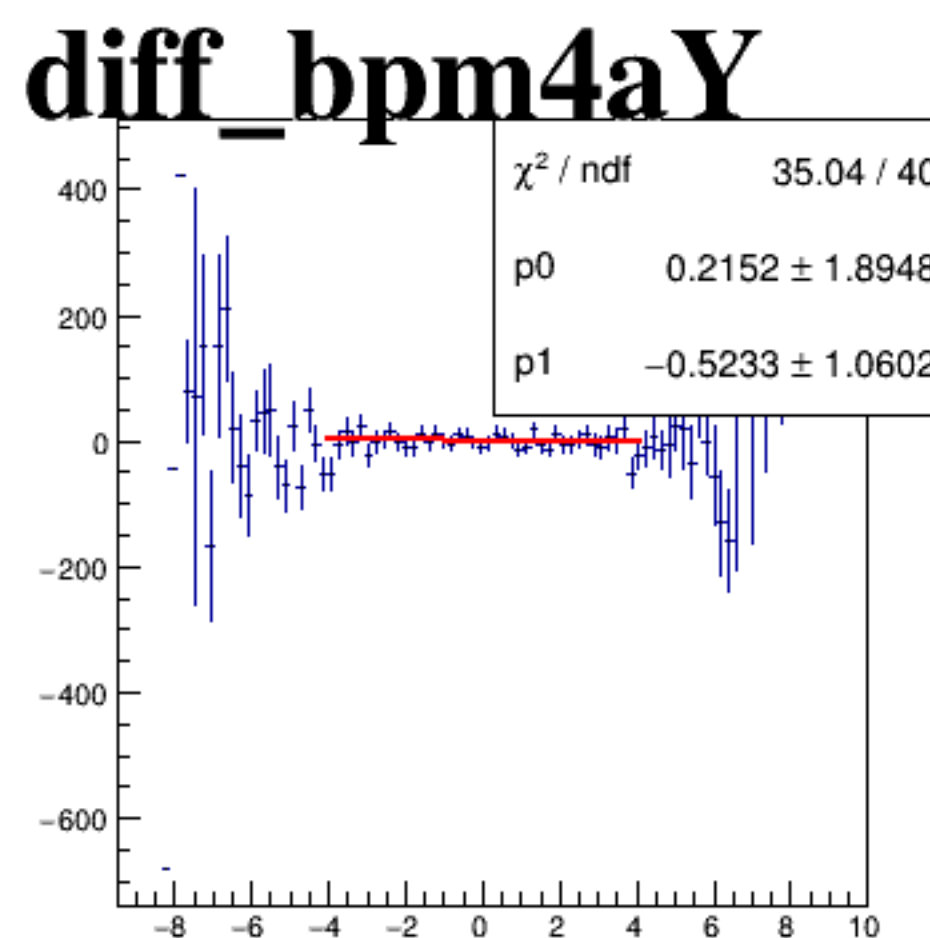
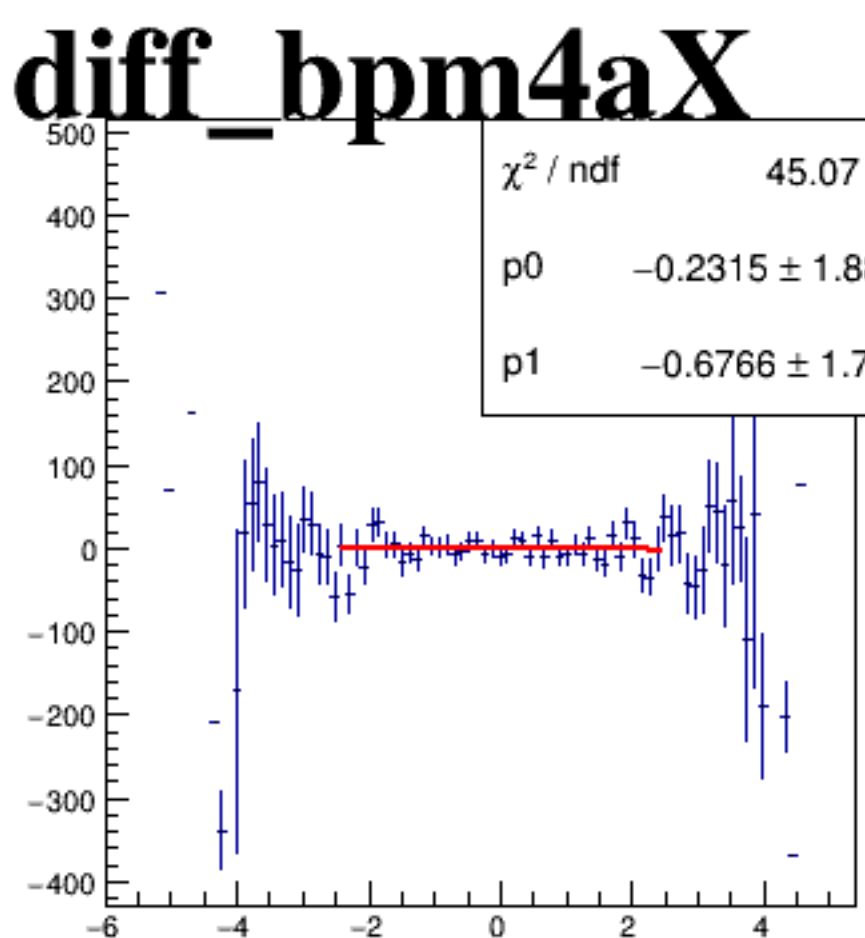
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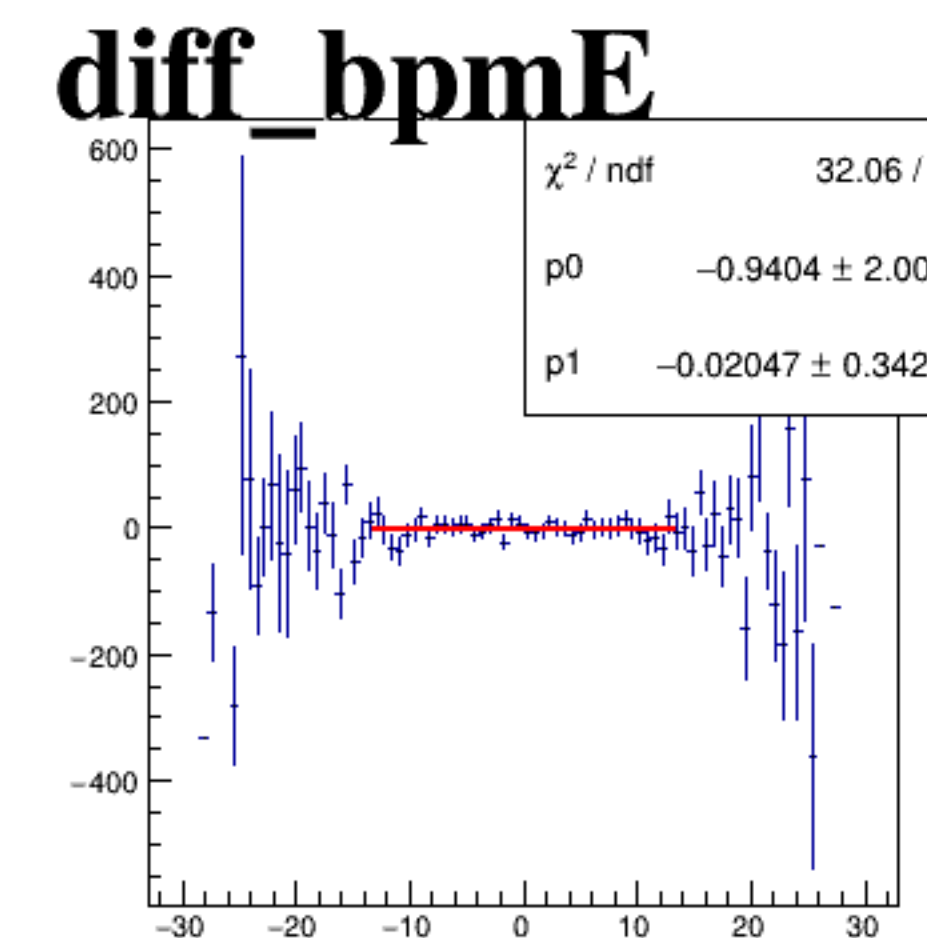
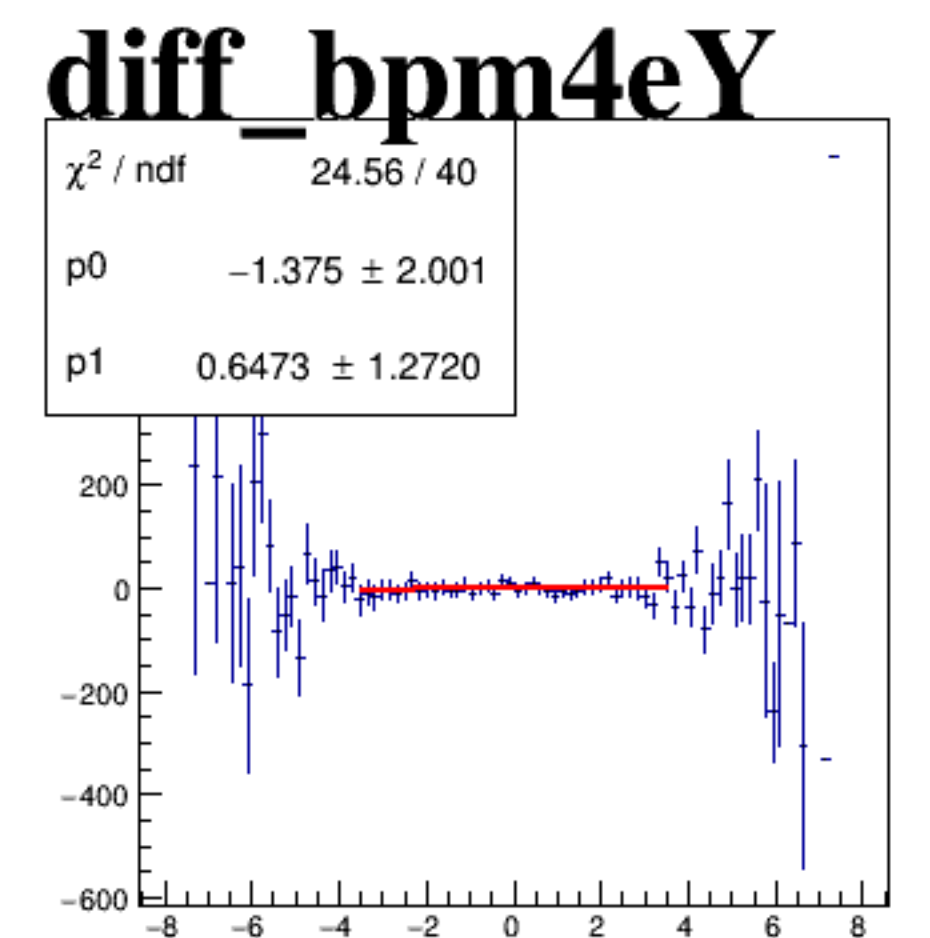
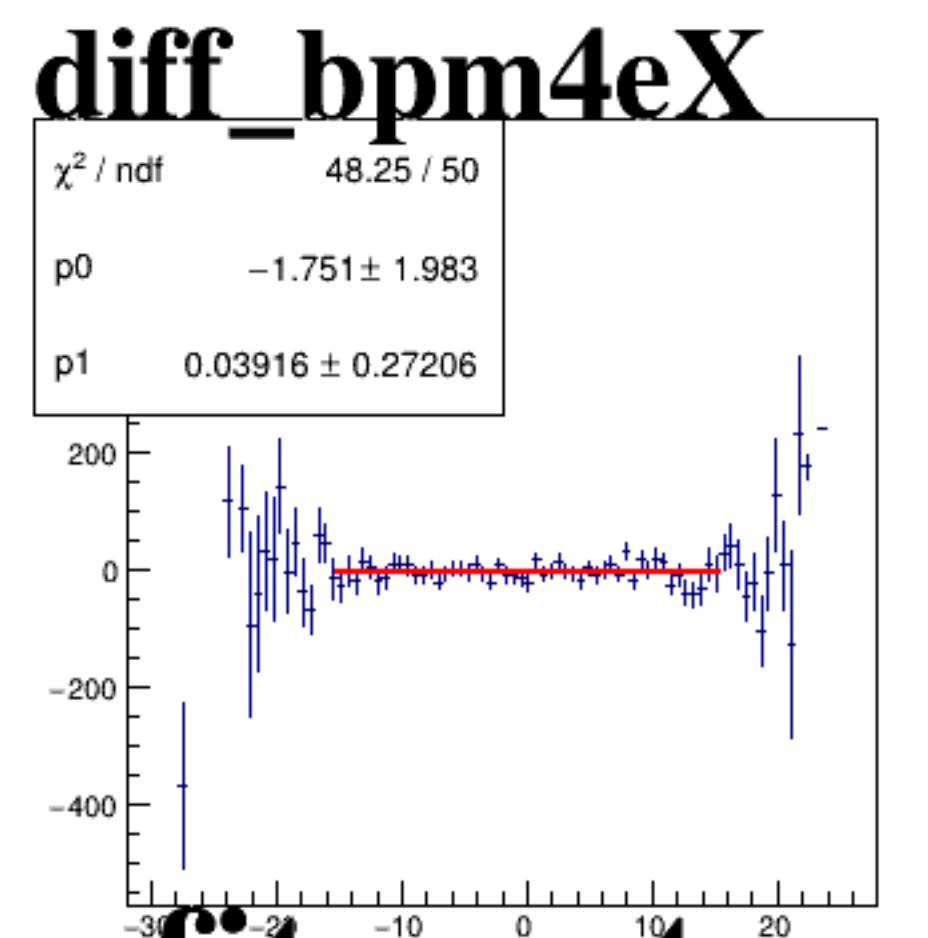
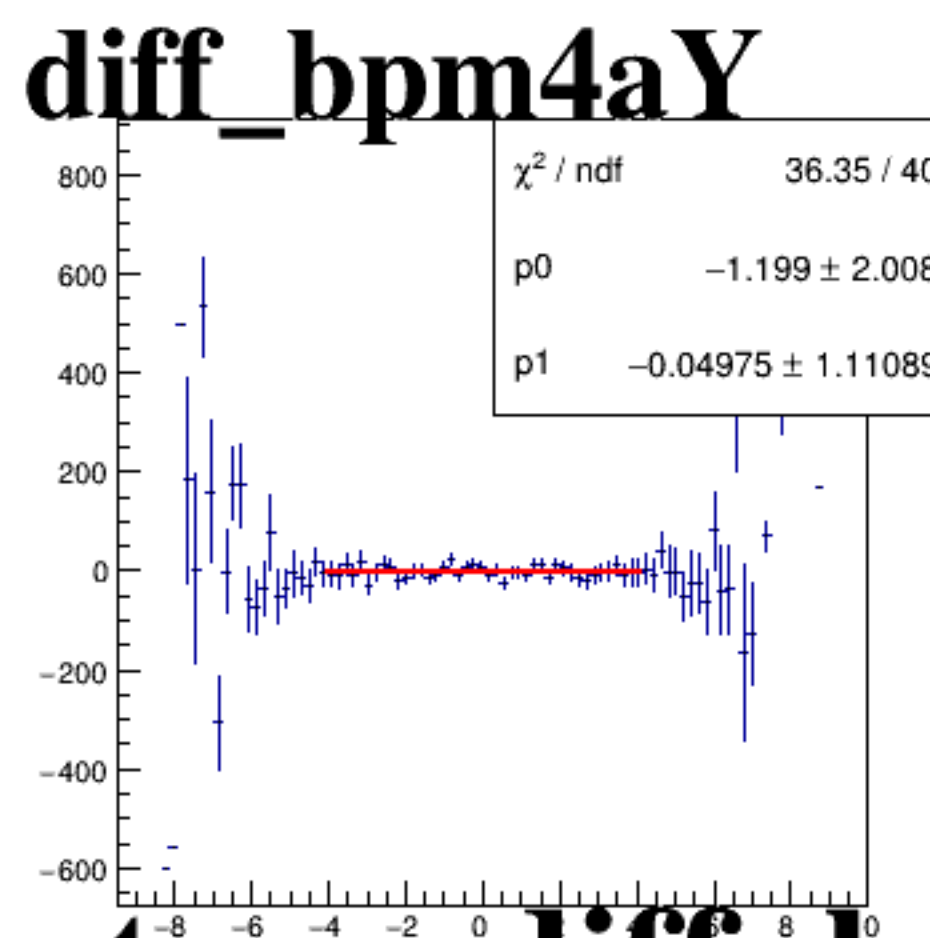
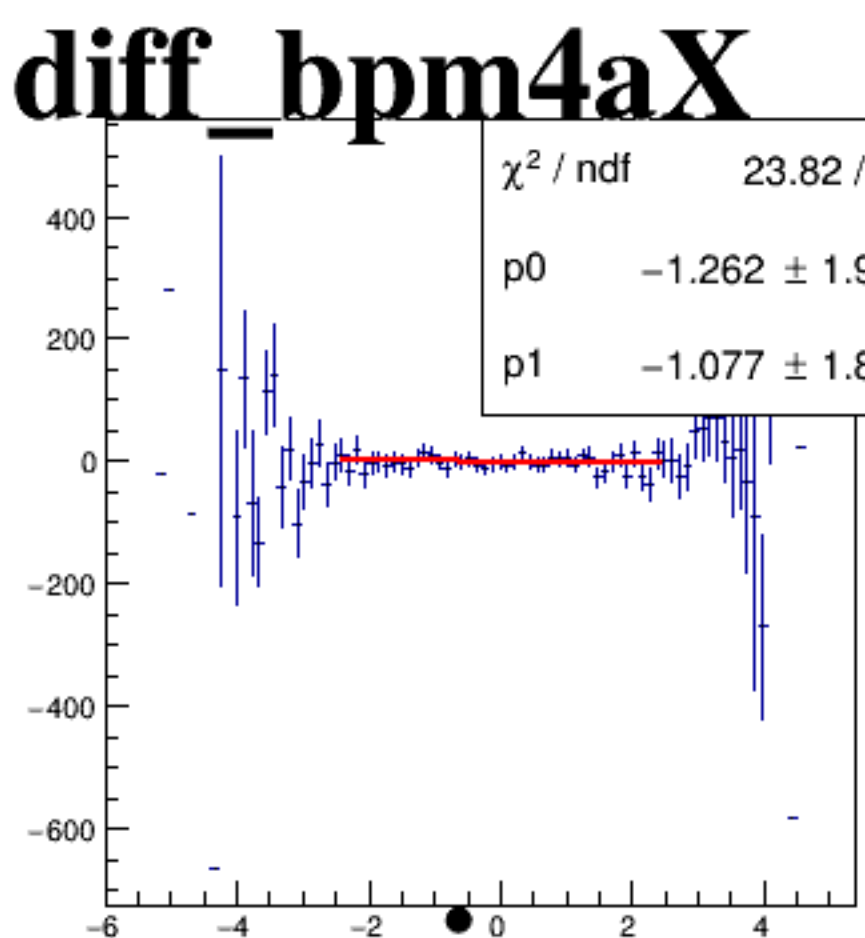
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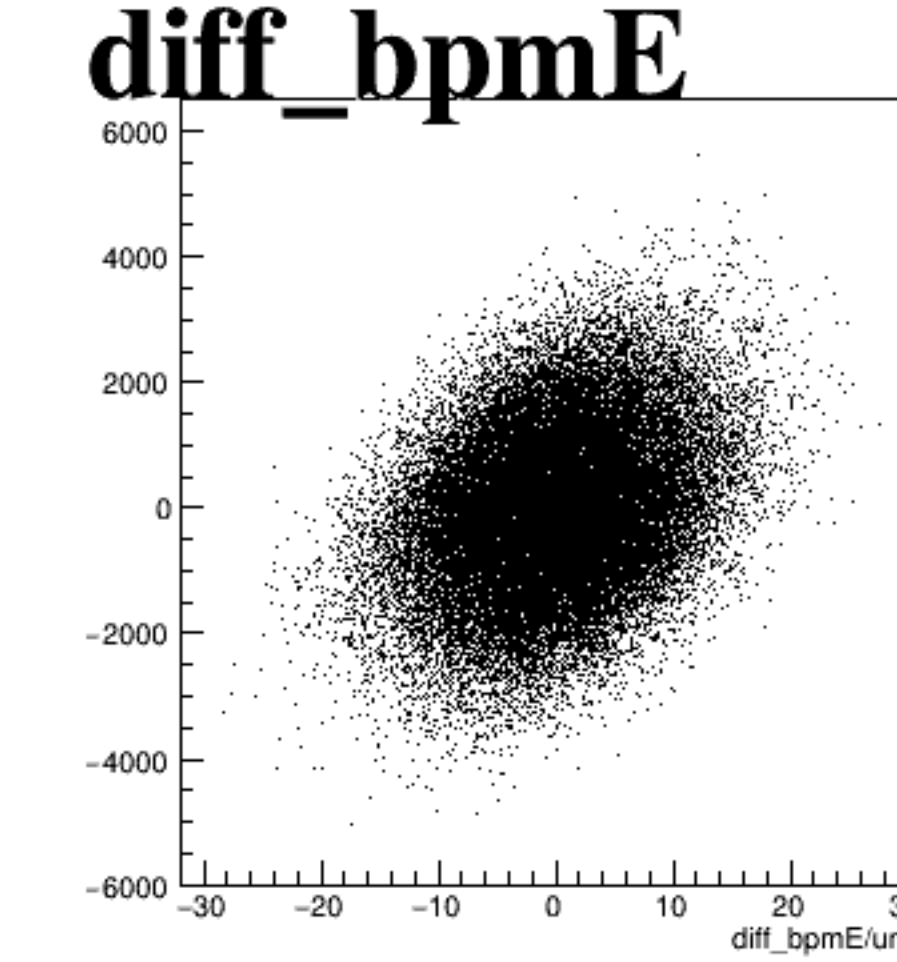
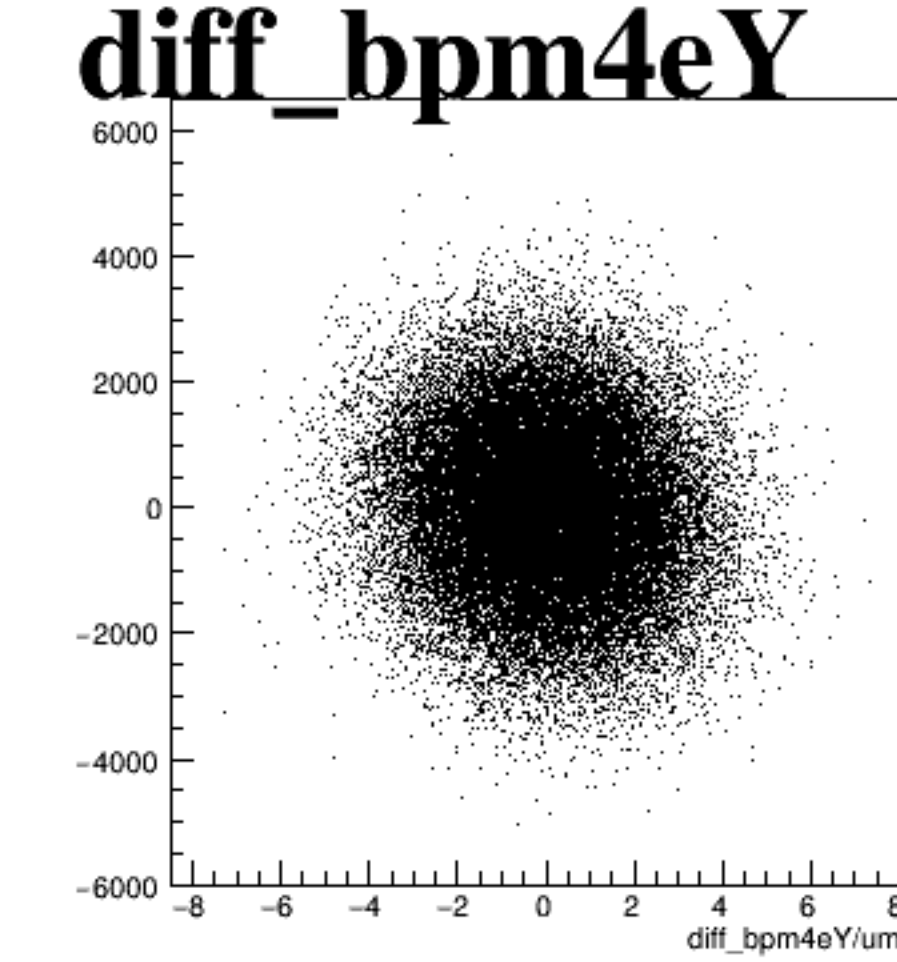
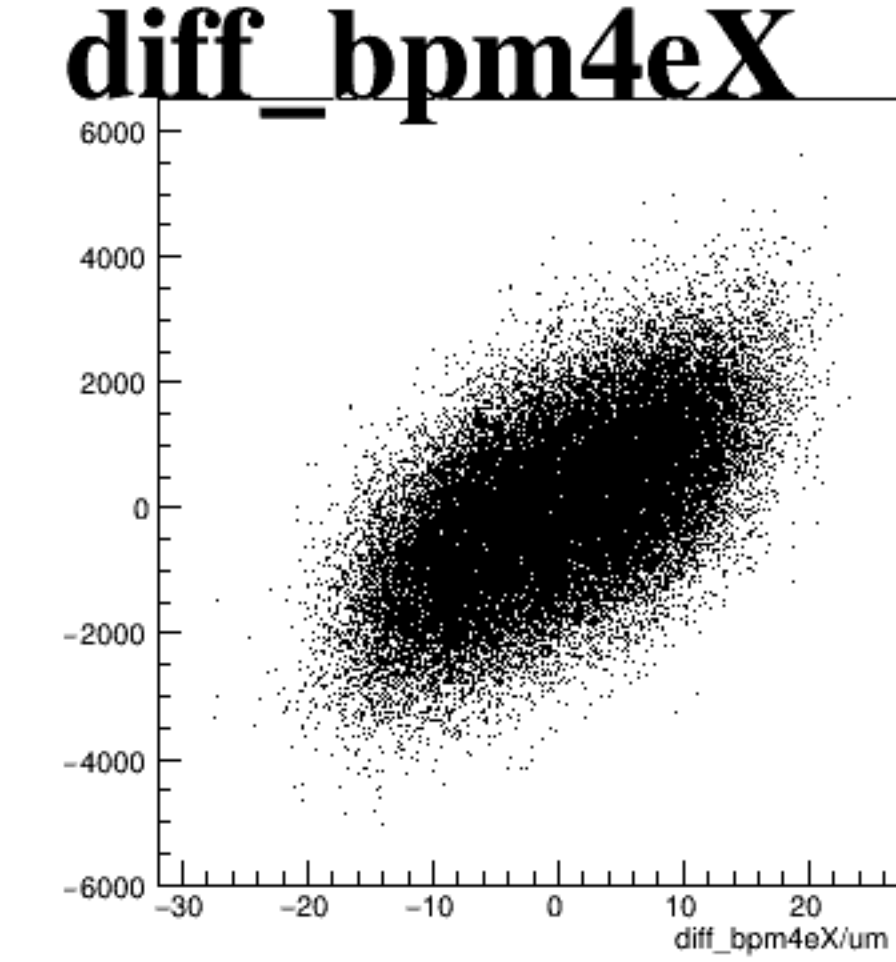
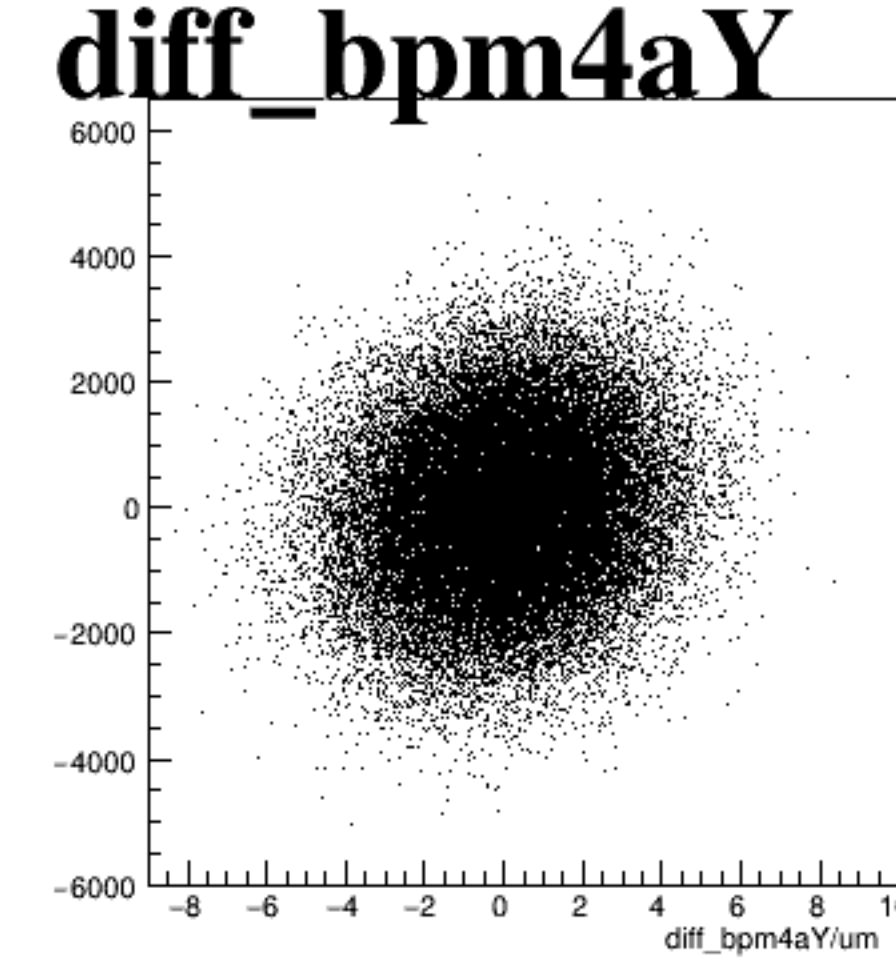
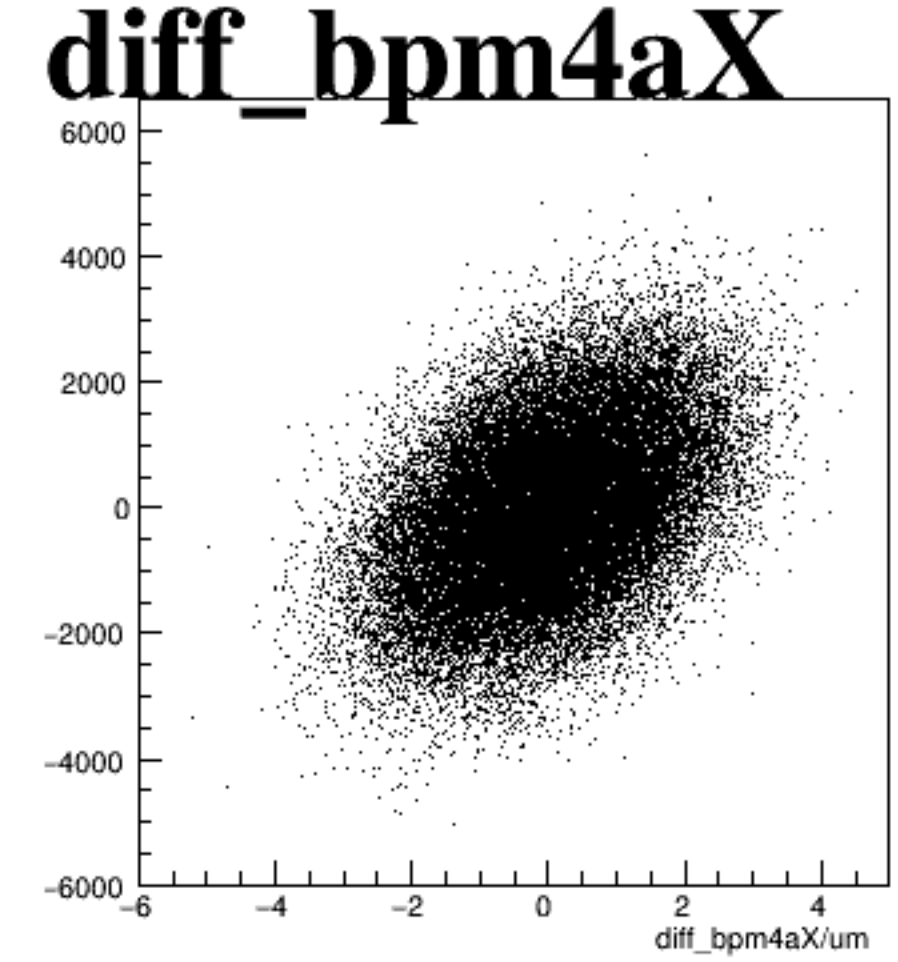
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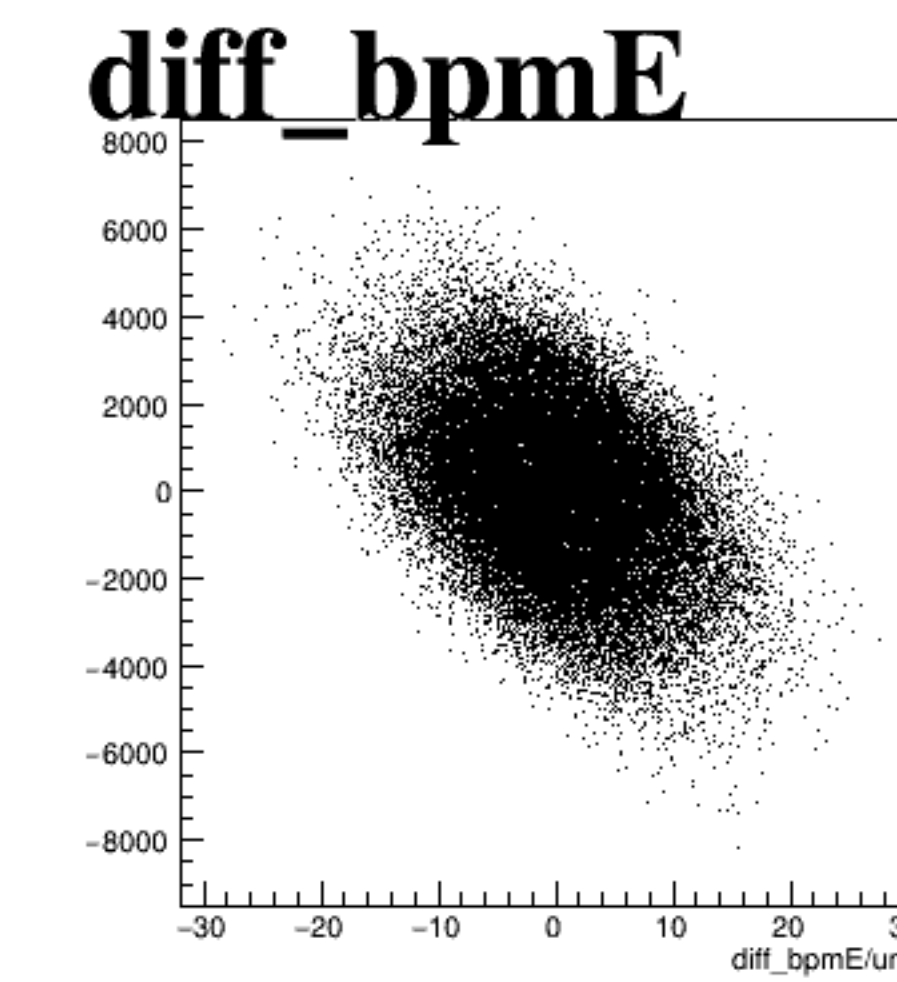
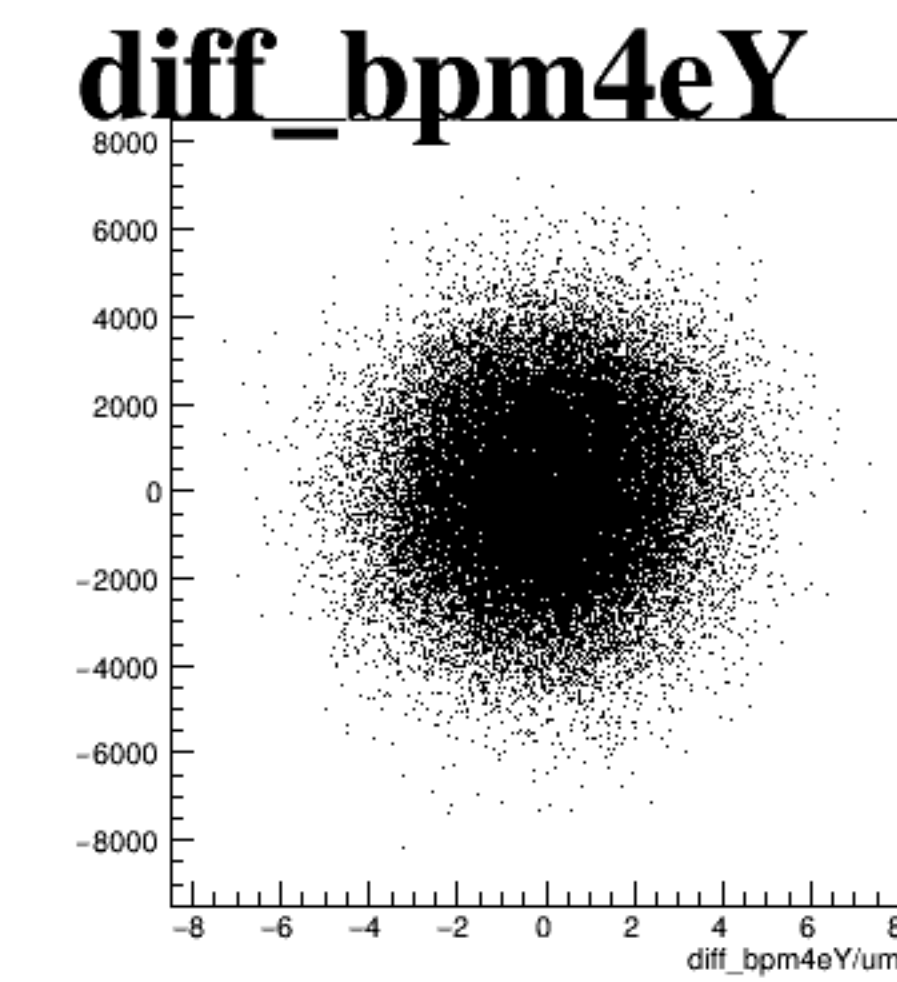
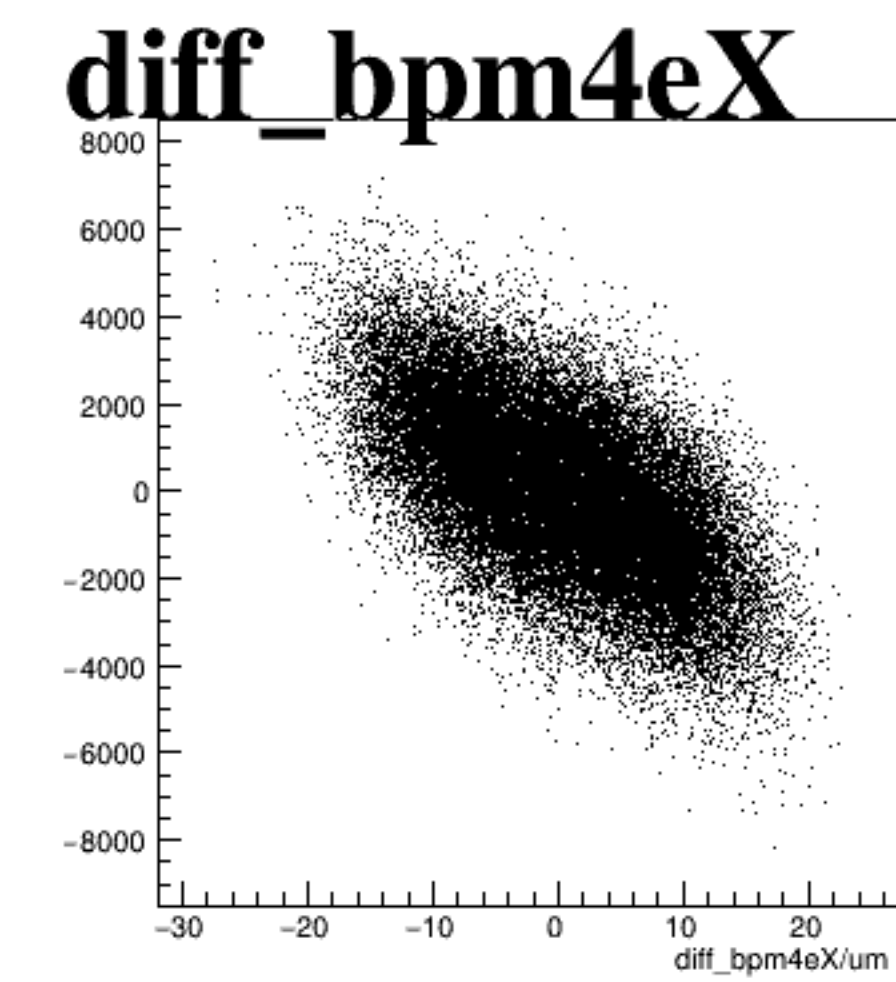
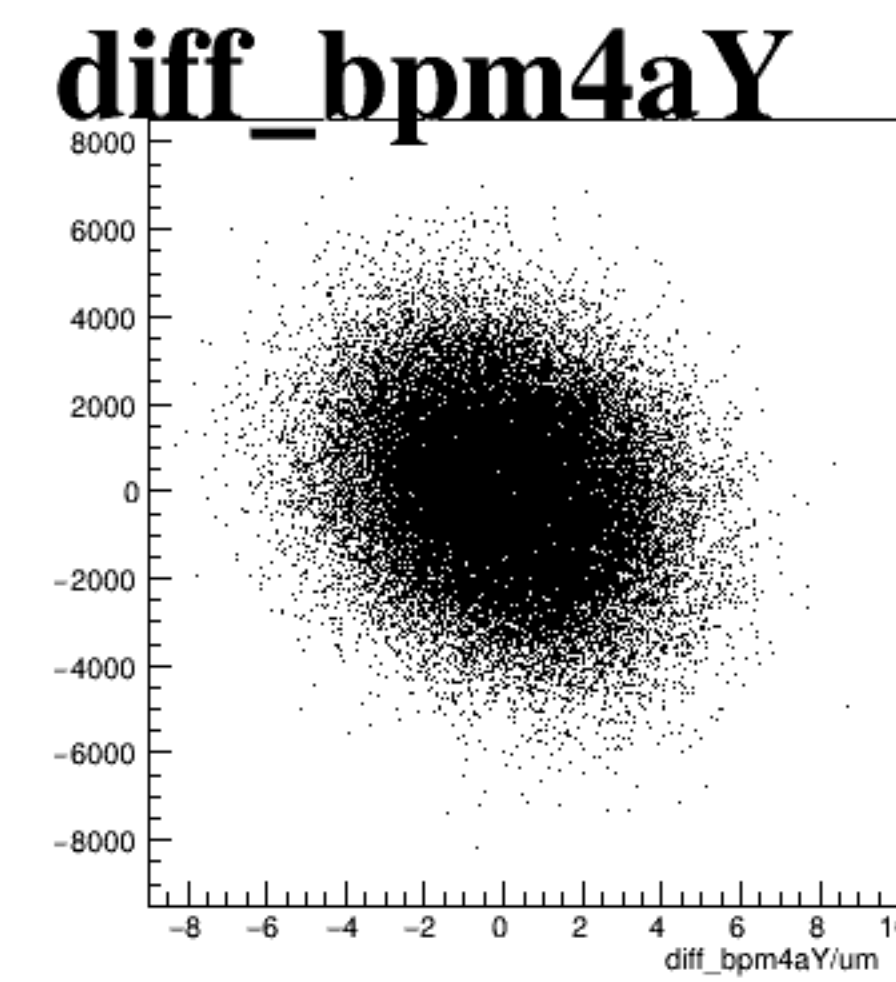
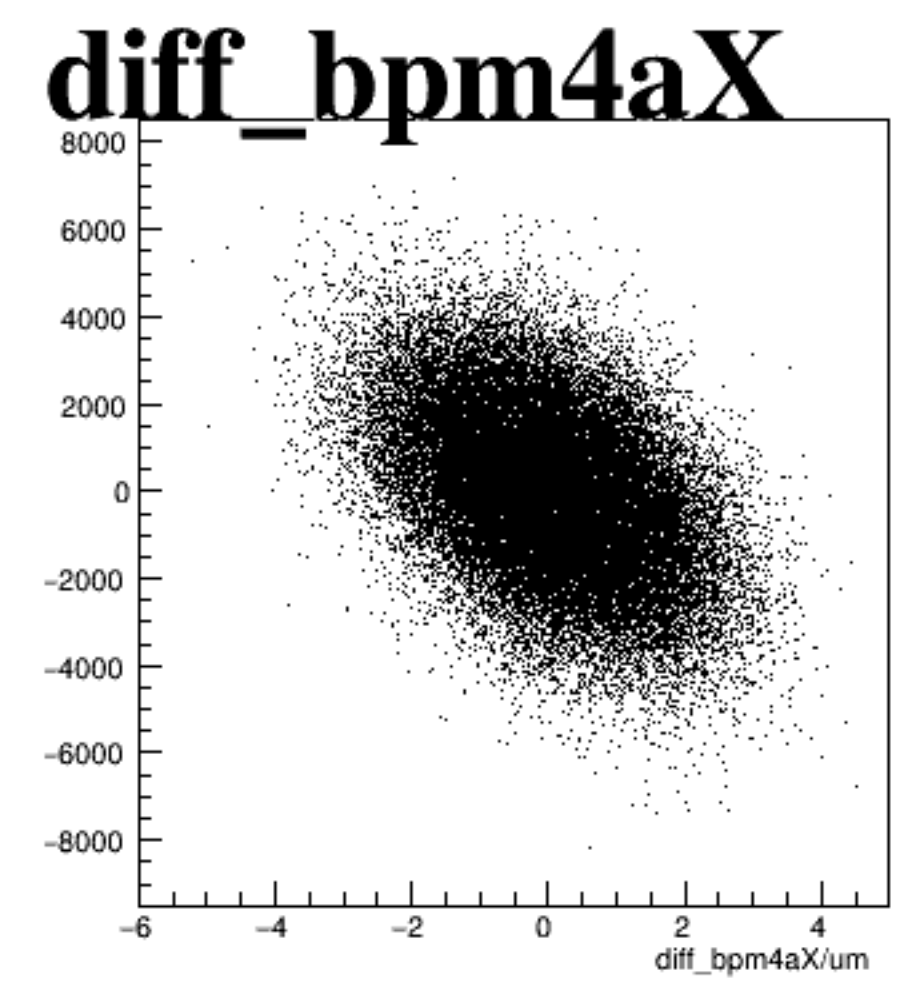
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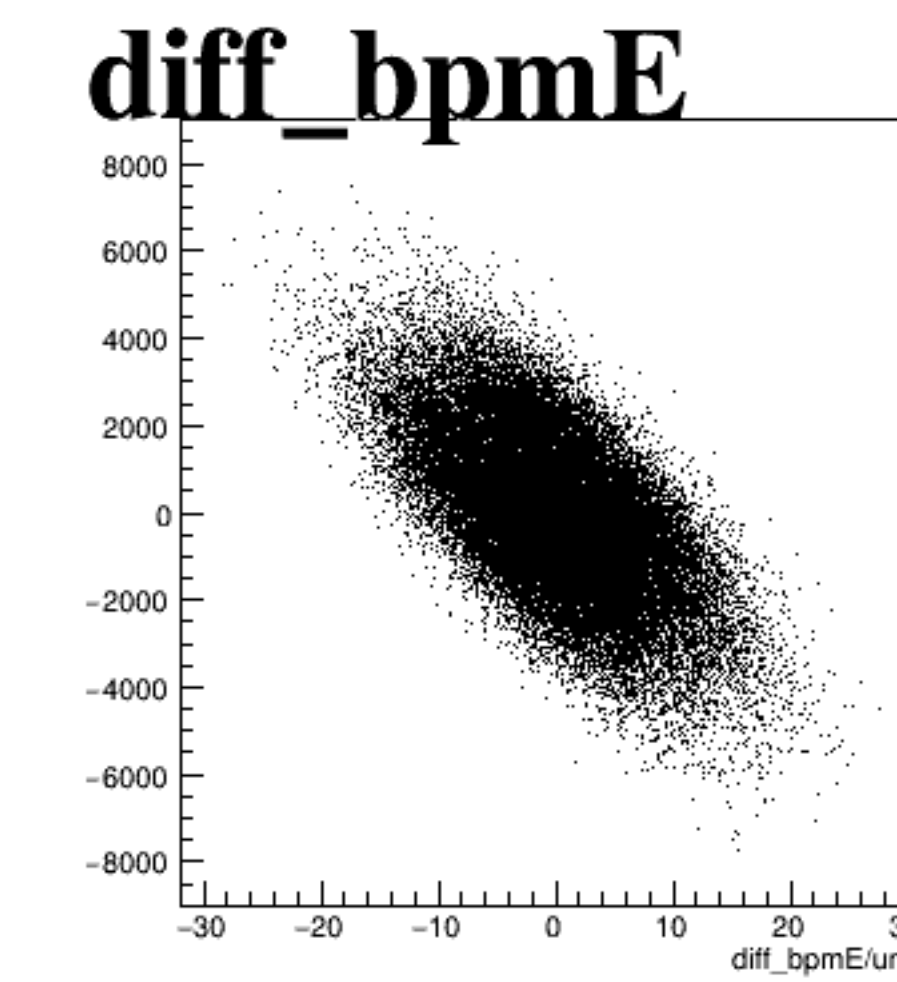
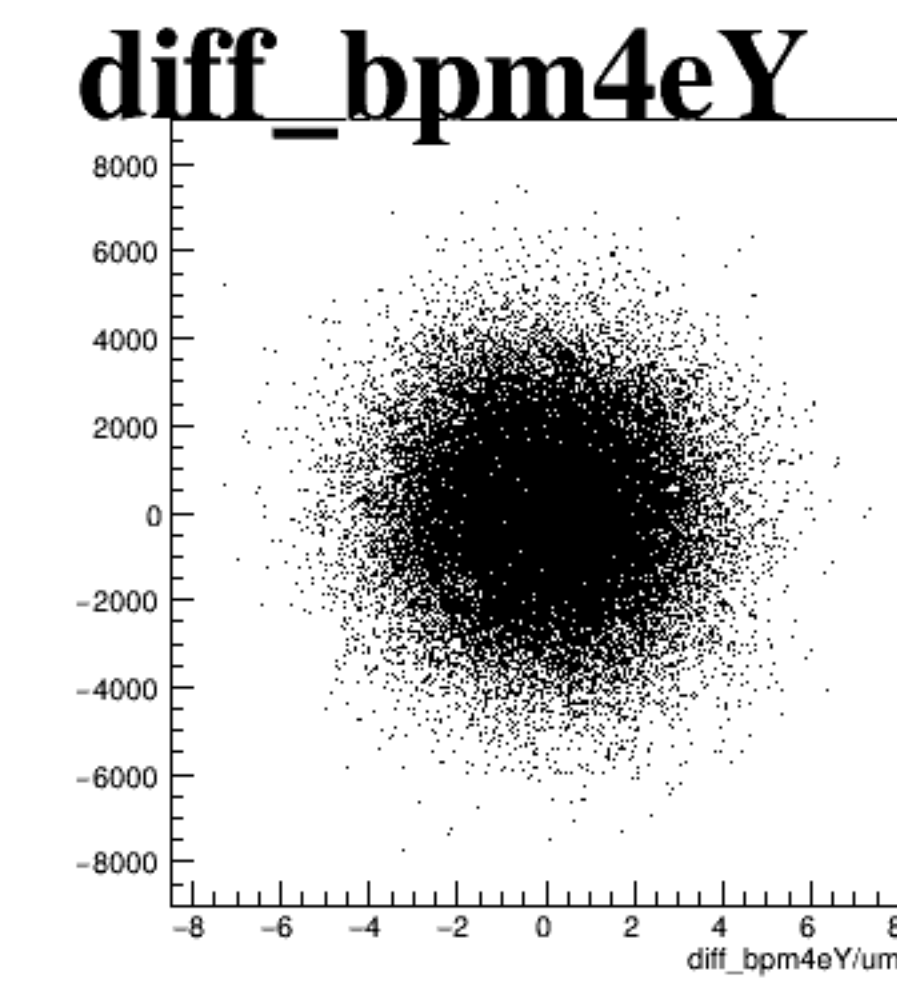
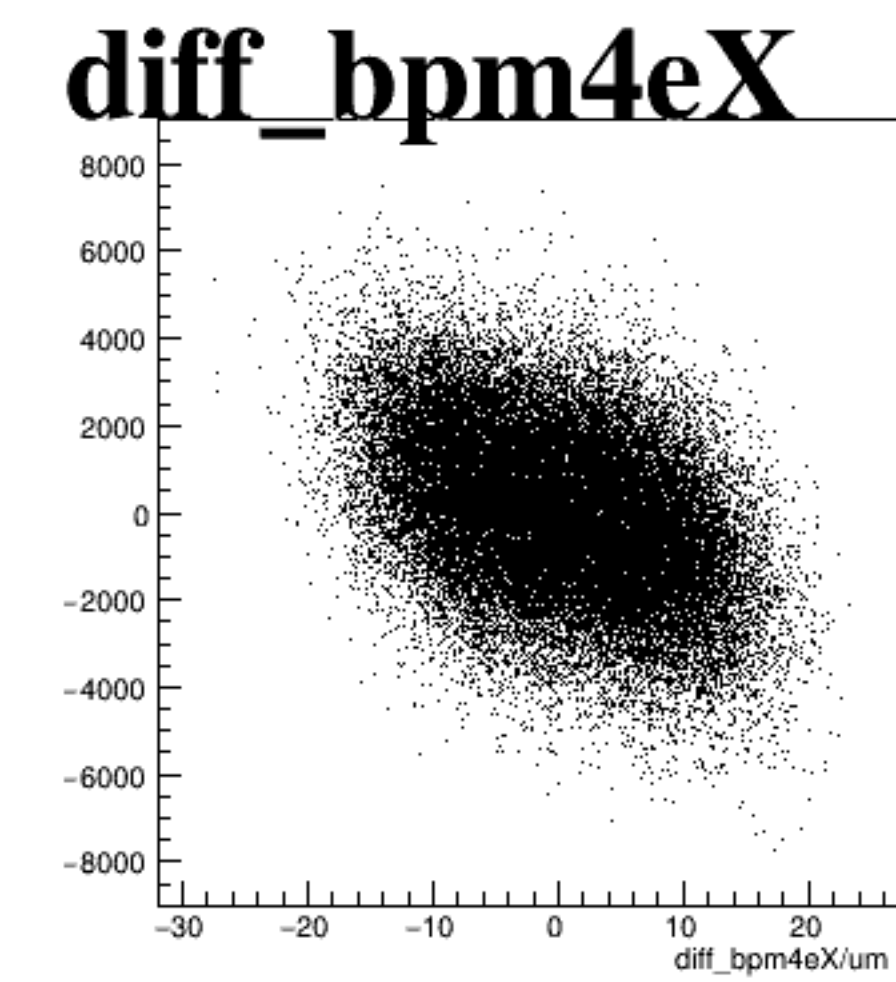
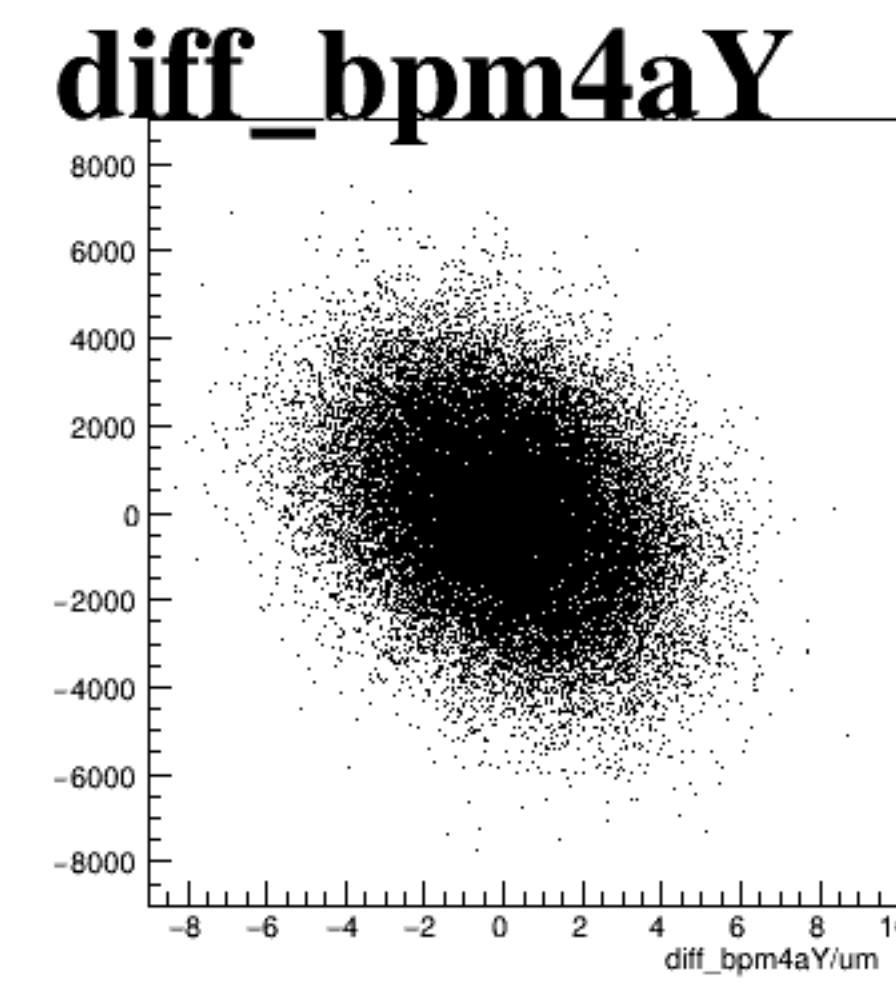
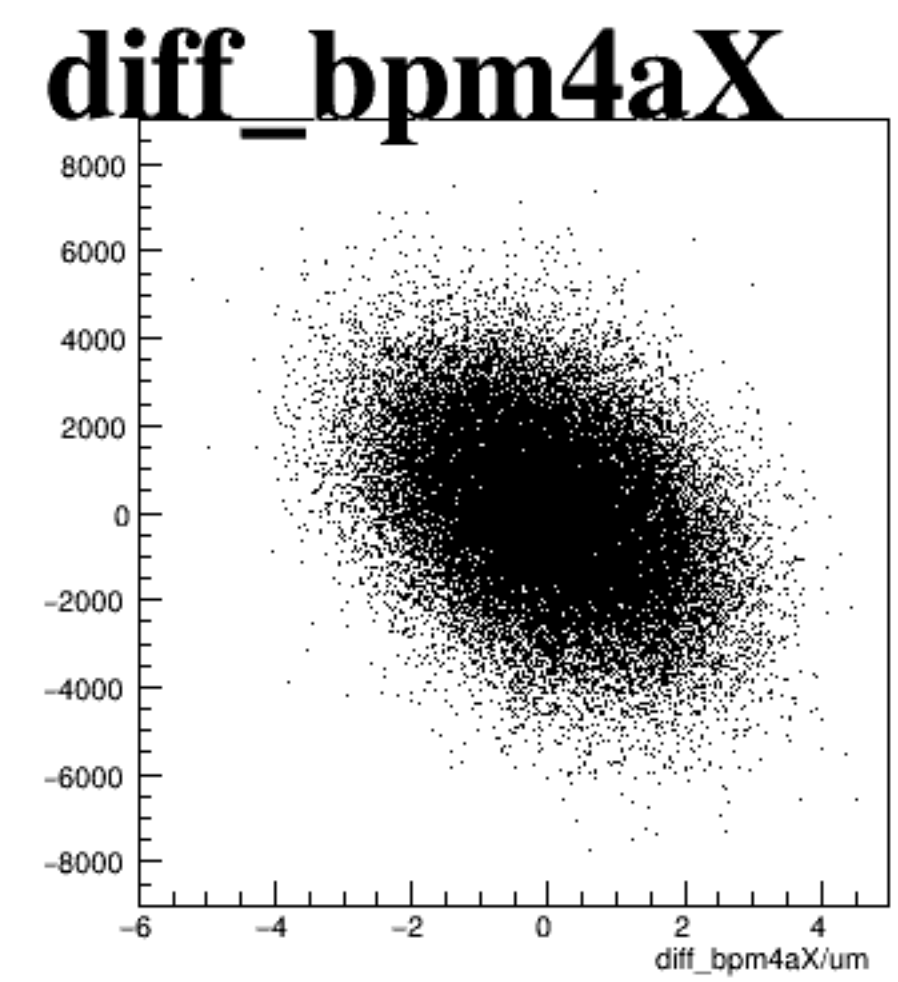
asym_atl1



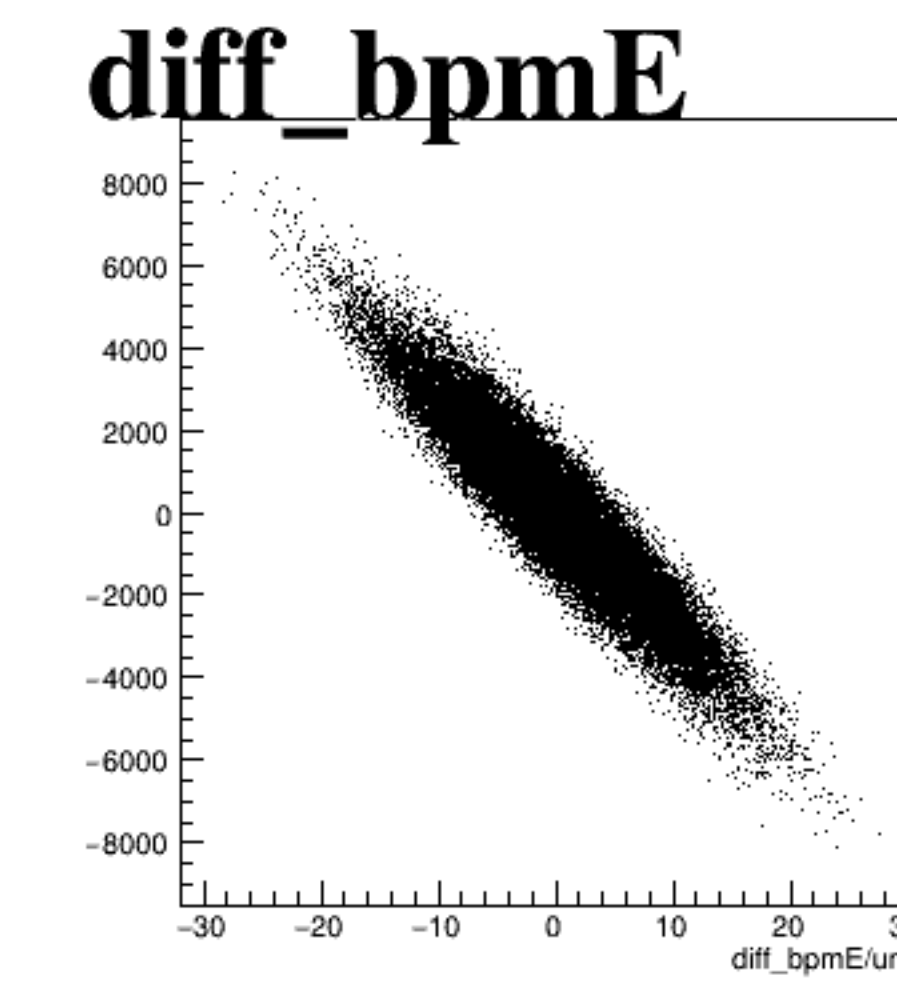
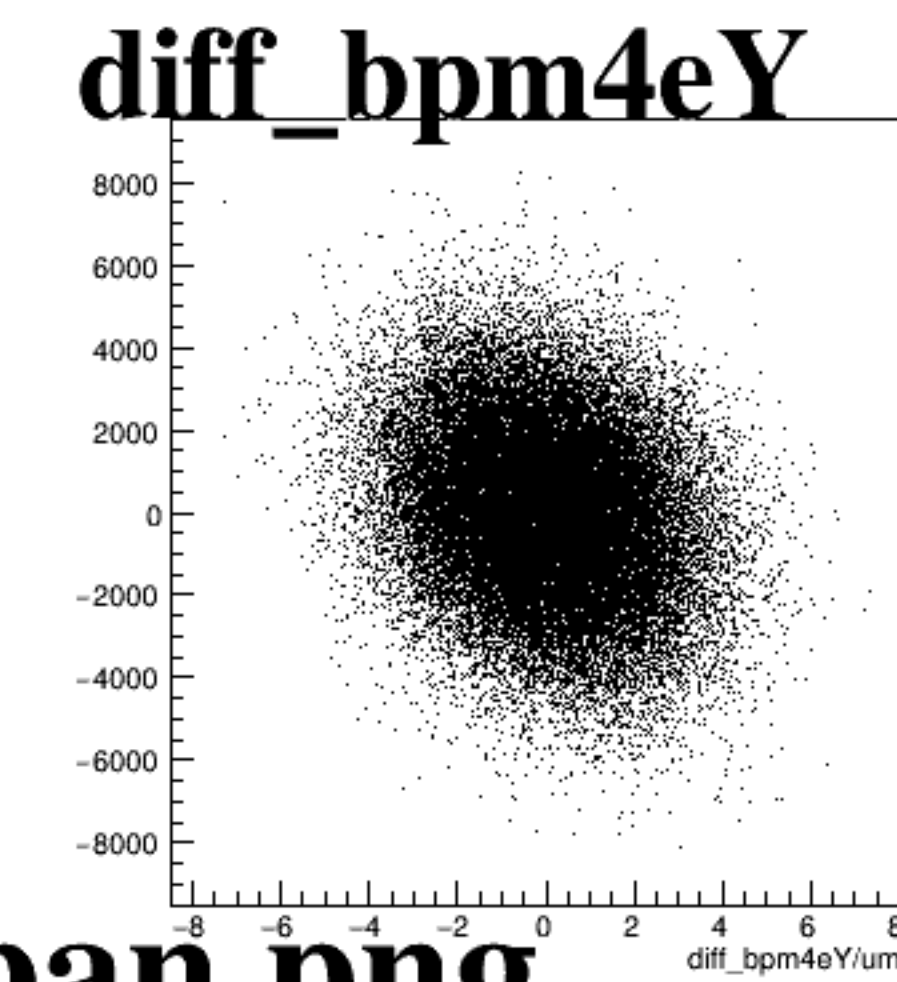
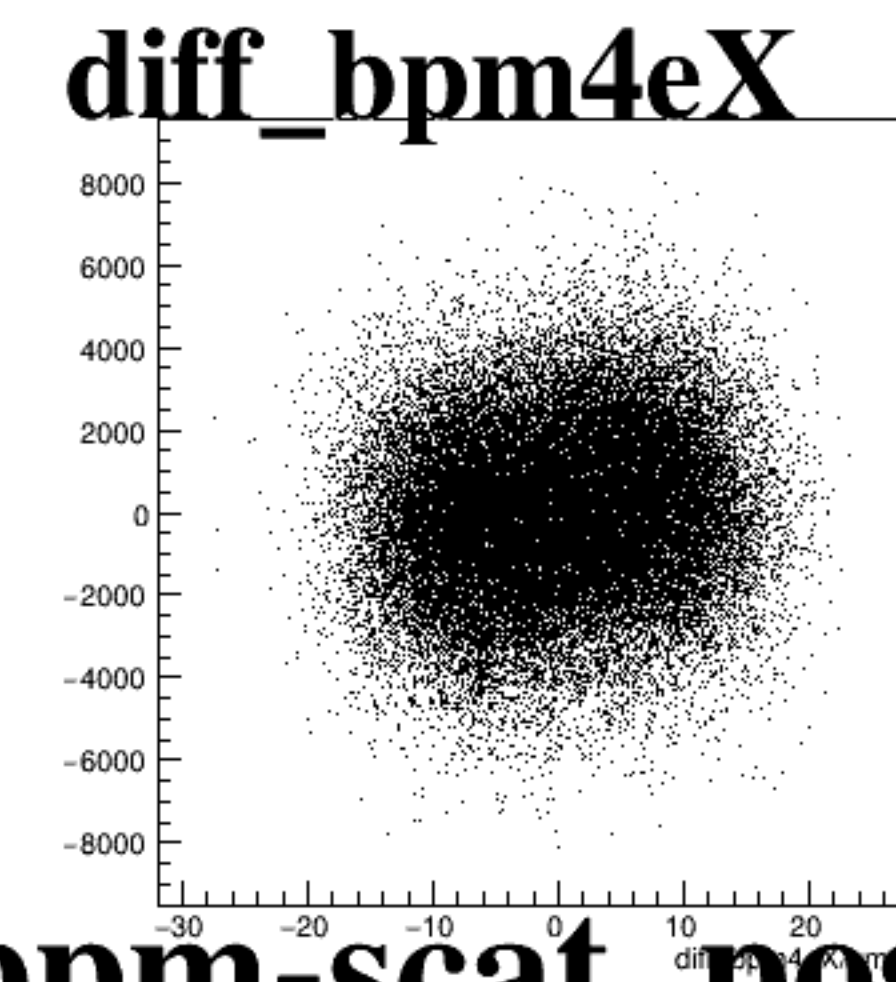
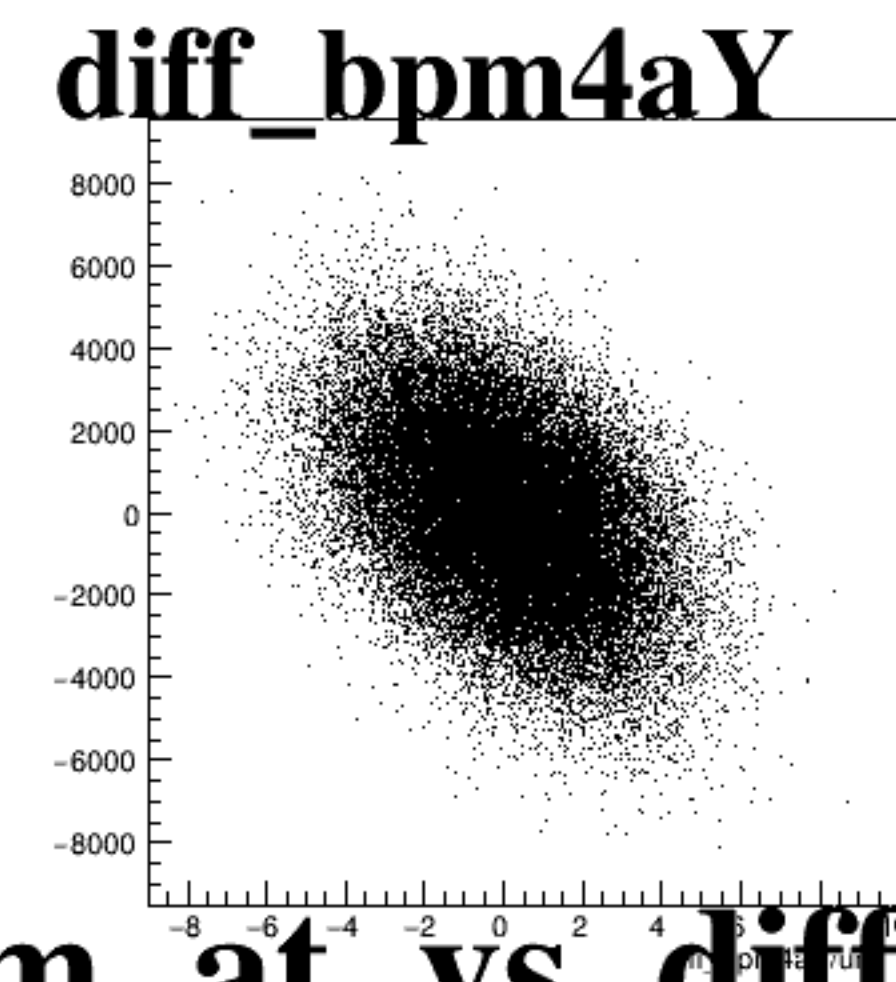
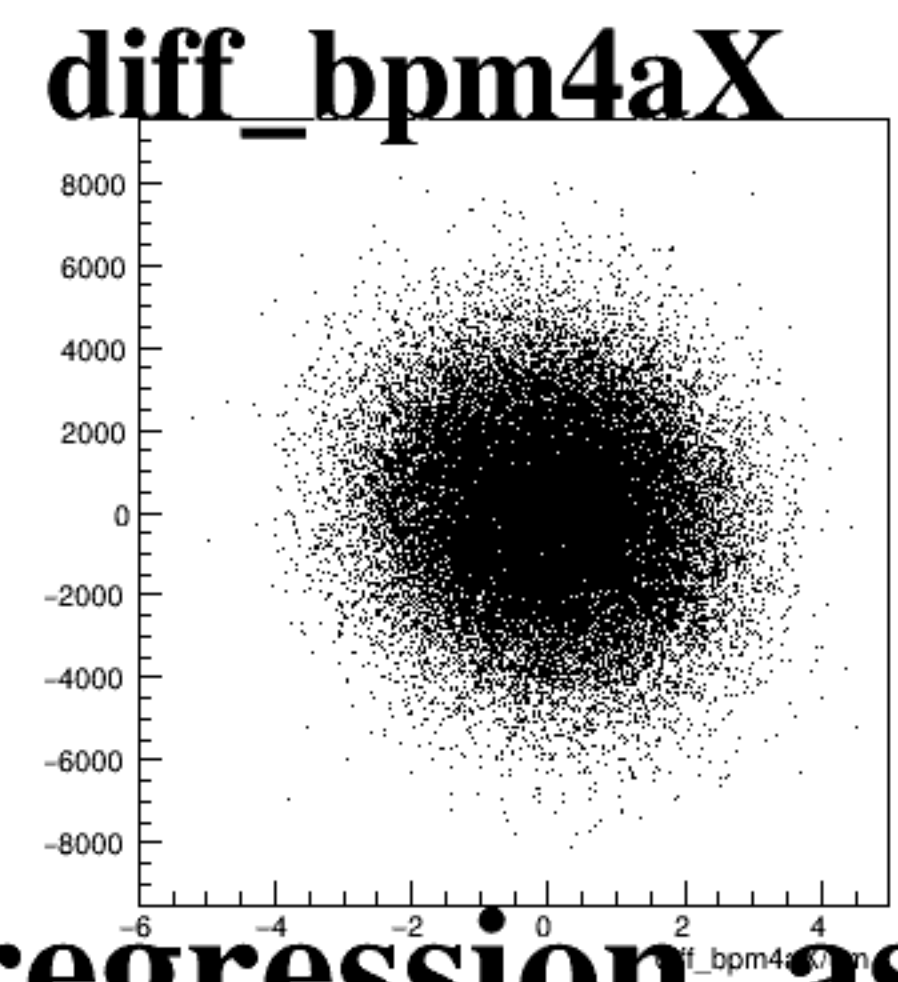
asym_atr1



asym_atl2



asym_atr2



The figure consists of five scatter plots arranged horizontally, each showing the distribution of differences in BPM parameters for four different beam parameters: X, Y, X, Y, and E. Each plot has a title and axes labeled with the parameter name and units (um). The distributions are roughly circular and centered around zero.

- diff_bpm4aX**: The x-axis is labeled diff_bpm4aX/um and ranges from -6 to 4. The y-axis ranges from -3000 to 3000.
- diff_bpm4aY**: The x-axis is labeled diff_bpm4aY/um and ranges from -8 to 10. The y-axis ranges from -3000 to 3000.
- diff_bpm4eX**: The x-axis is labeled diff_bpm4eX/um and ranges from -30 to 20. The y-axis ranges from -3000 to 3000.
- diff_bpm4eY**: The x-axis is labeled diff_bpm4eY/um and ranges from -8 to 8. The y-axis ranges from -3000 to 3000.
- diff_bpmE**: The x-axis is labeled diff_bpmE/um and ranges from -30 to 30. The y-axis ranges from -3000 to 3000.

The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff_bpm) for a specific beam parameter. The y-axis for all plots is labeled 'diff_bpm' and ranges from -1500 to 1500. The x-axis for each plot is labeled 'diff_bpm' followed by the parameter name and a unit (um).

- diff_bpm4aX**: The x-axis ranges from -6 to 4. The data points are centered around (0, 0).
- diff_bpm4aY**: The x-axis ranges from -8 to 10. The data points are centered around (0, 0).
- diff_bpm4eX**: The x-axis ranges from -30 to 20. The data points are centered around (0, 0).
- diff_bpm4eY**: The x-axis ranges from -8 to 8. The data points are centered around (0, 0).
- diff_bpmE**: The x-axis ranges from -30 to 30. The data points are centered around (0, 0).

All plots show a dense, roughly circular distribution of points, indicating a strong correlation between the two variables.