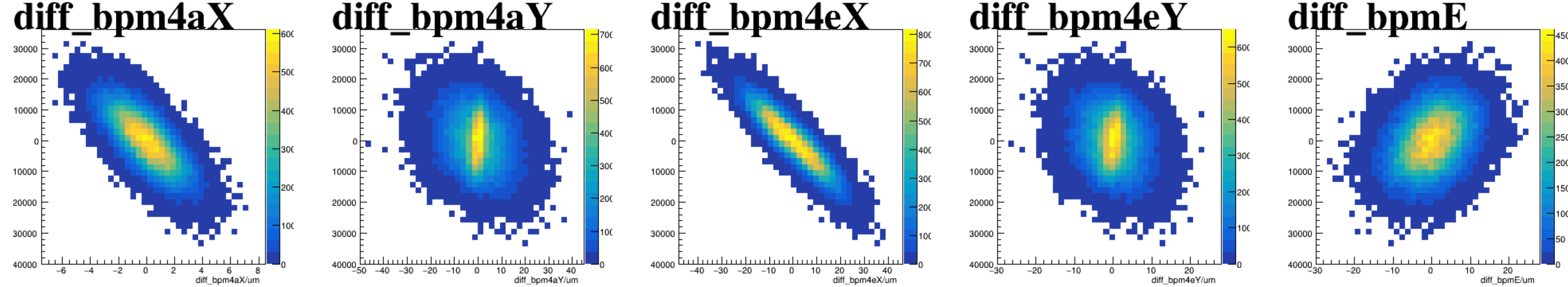
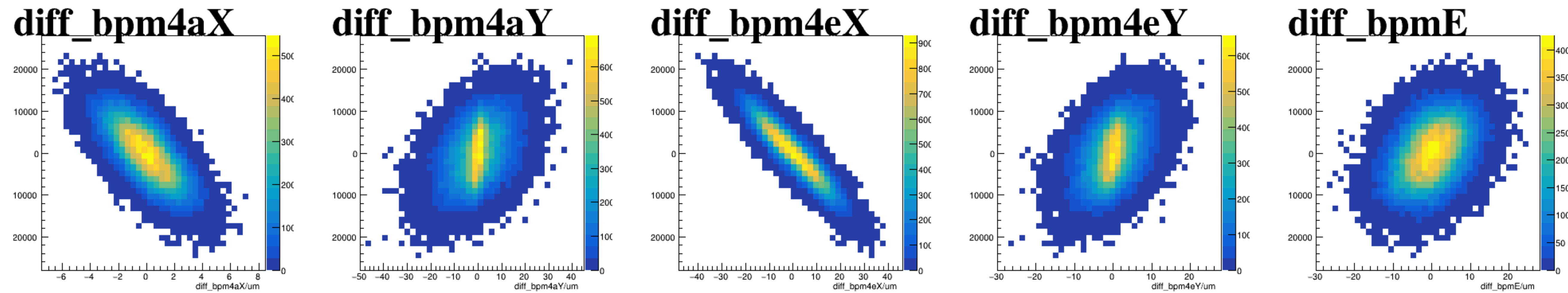


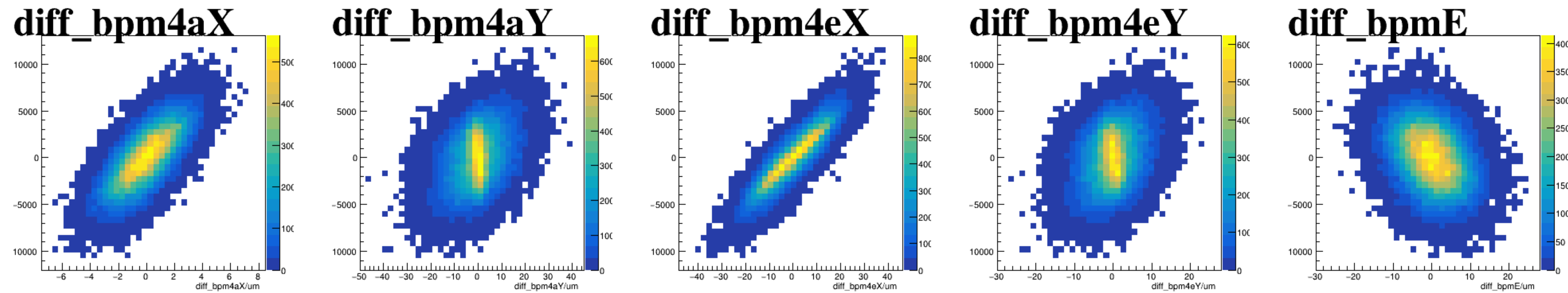
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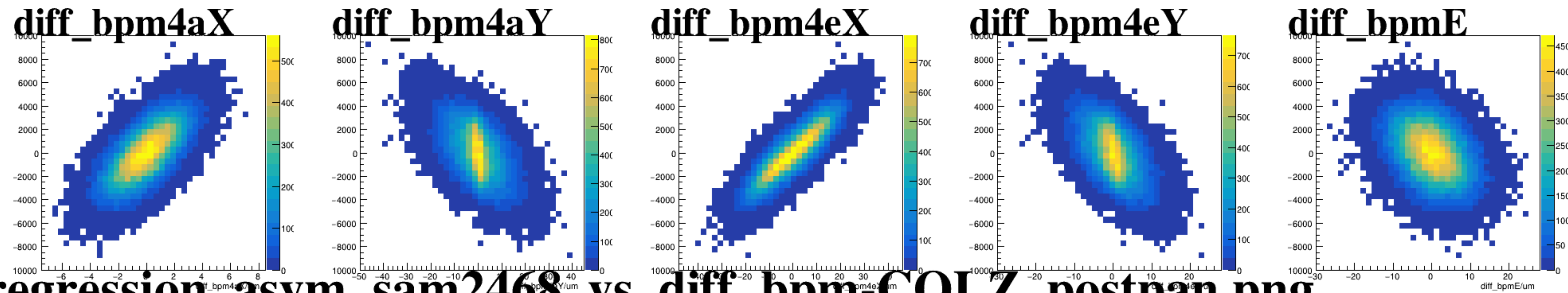
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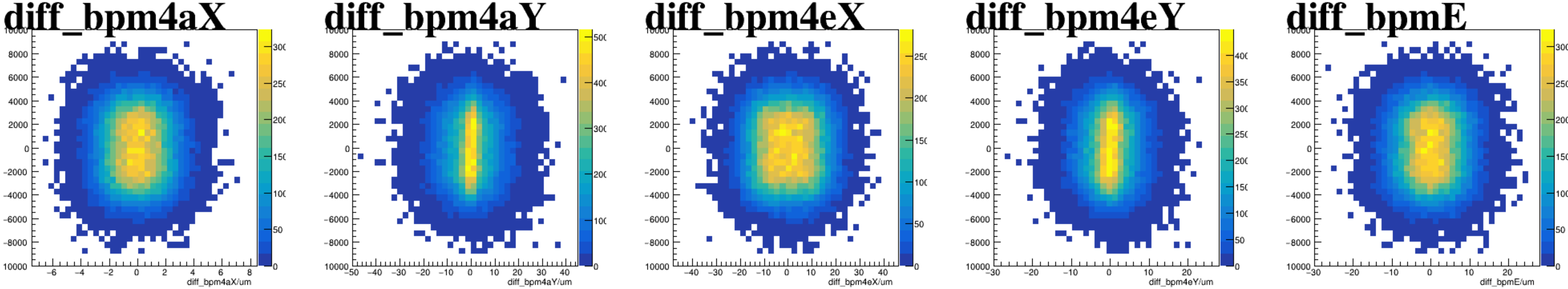
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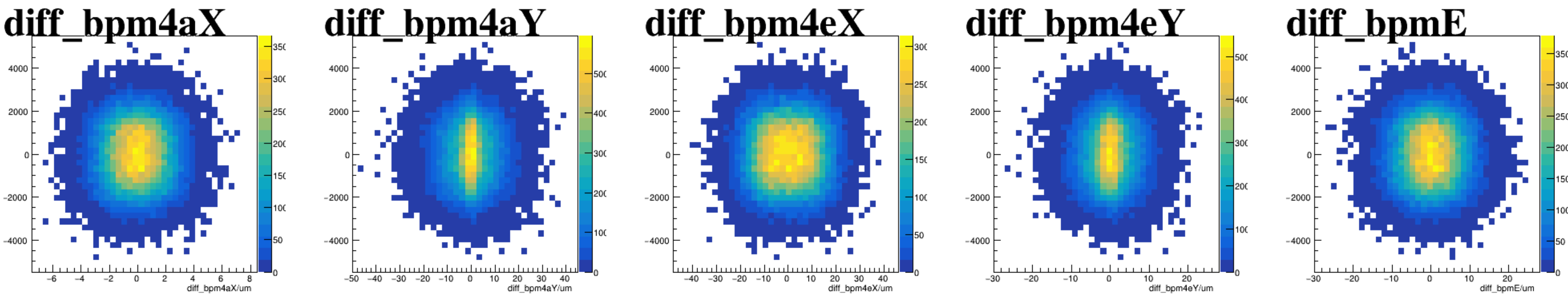
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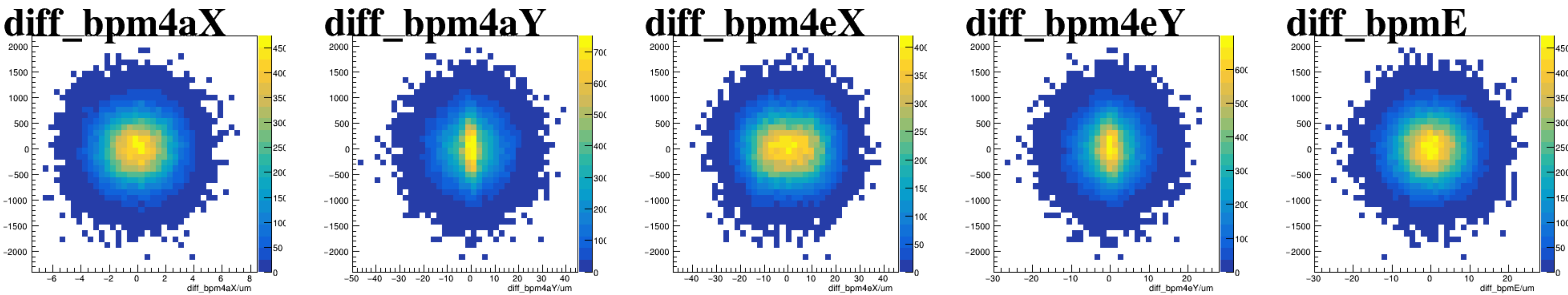
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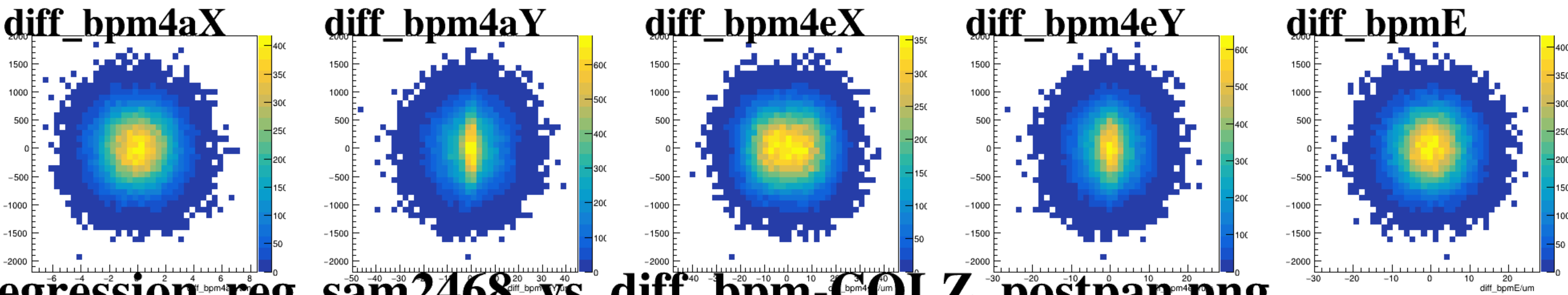
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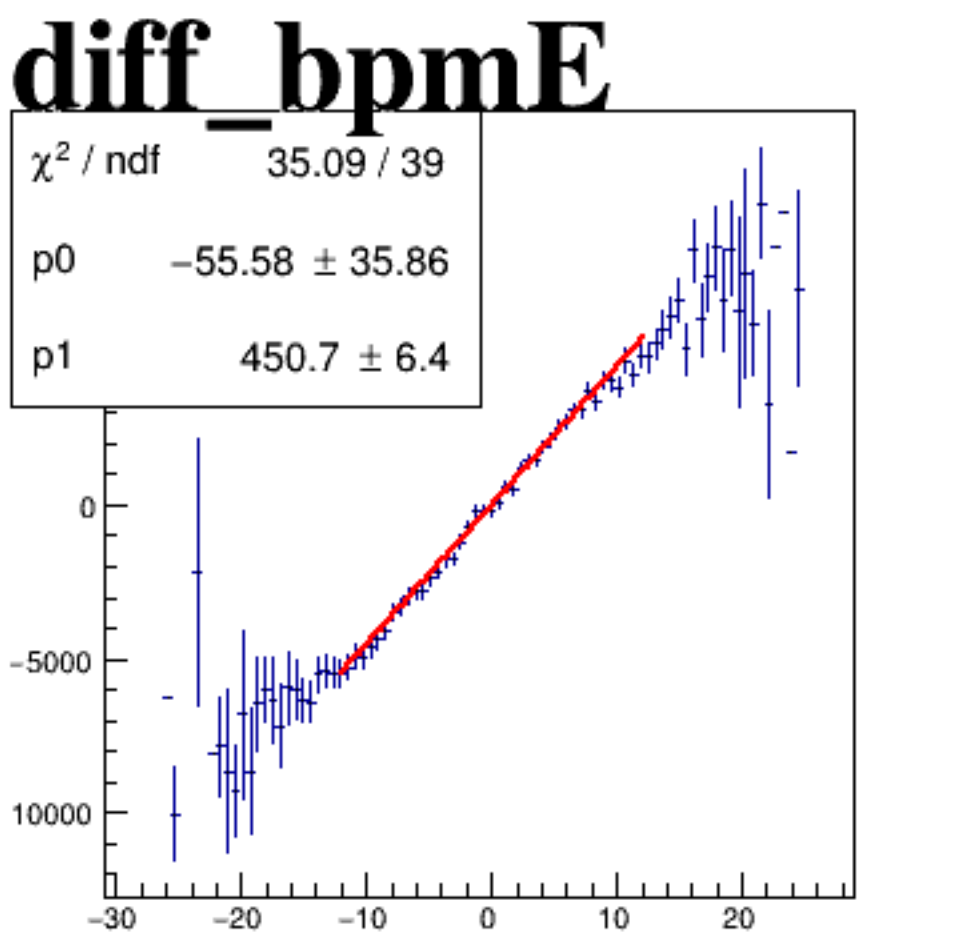
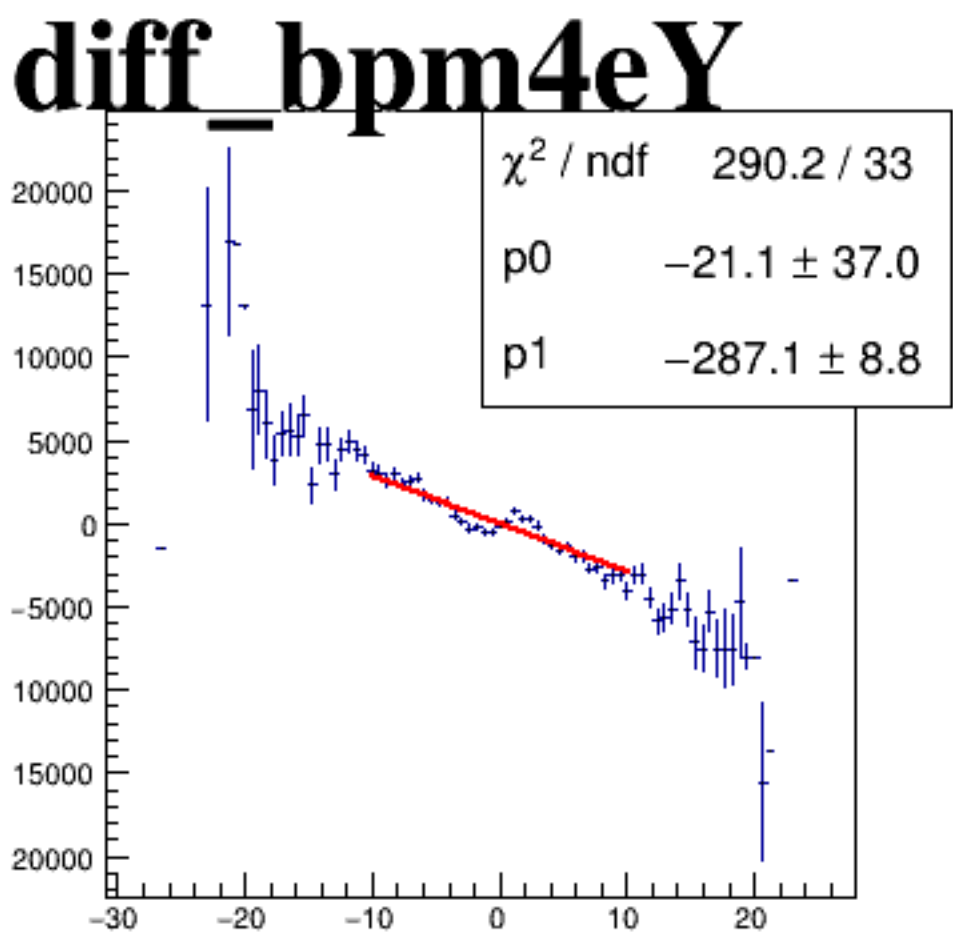
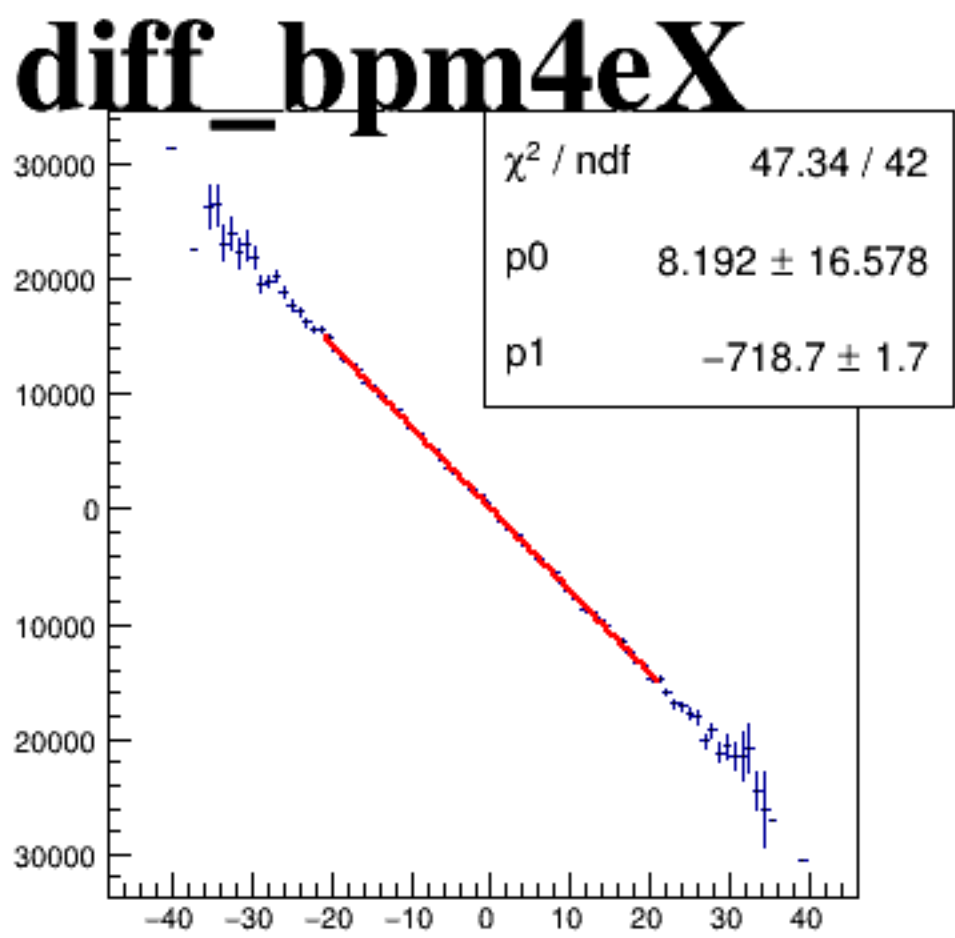
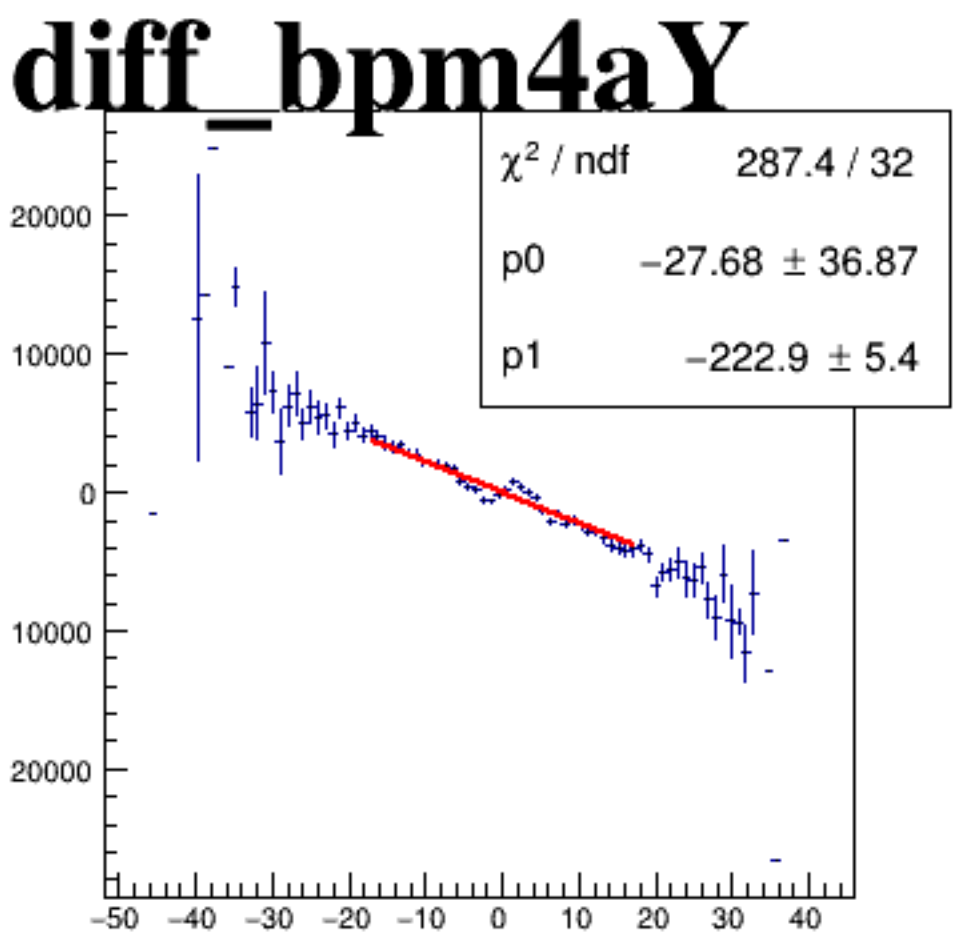
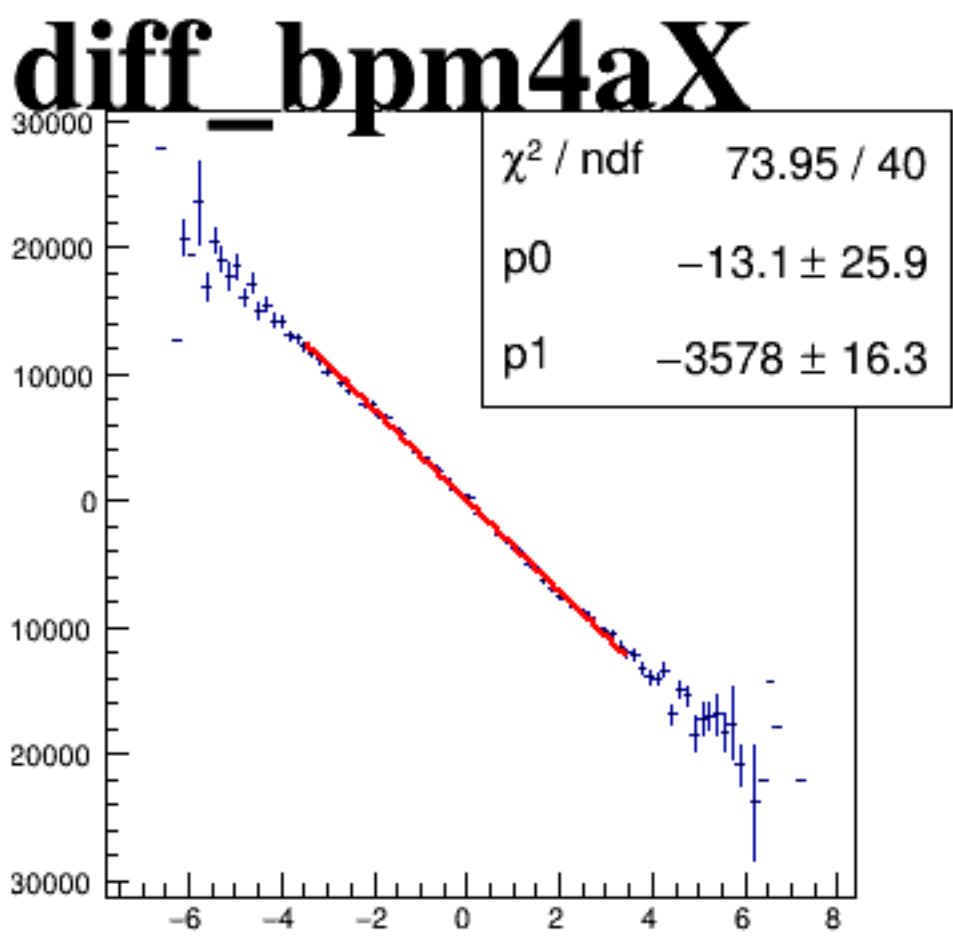
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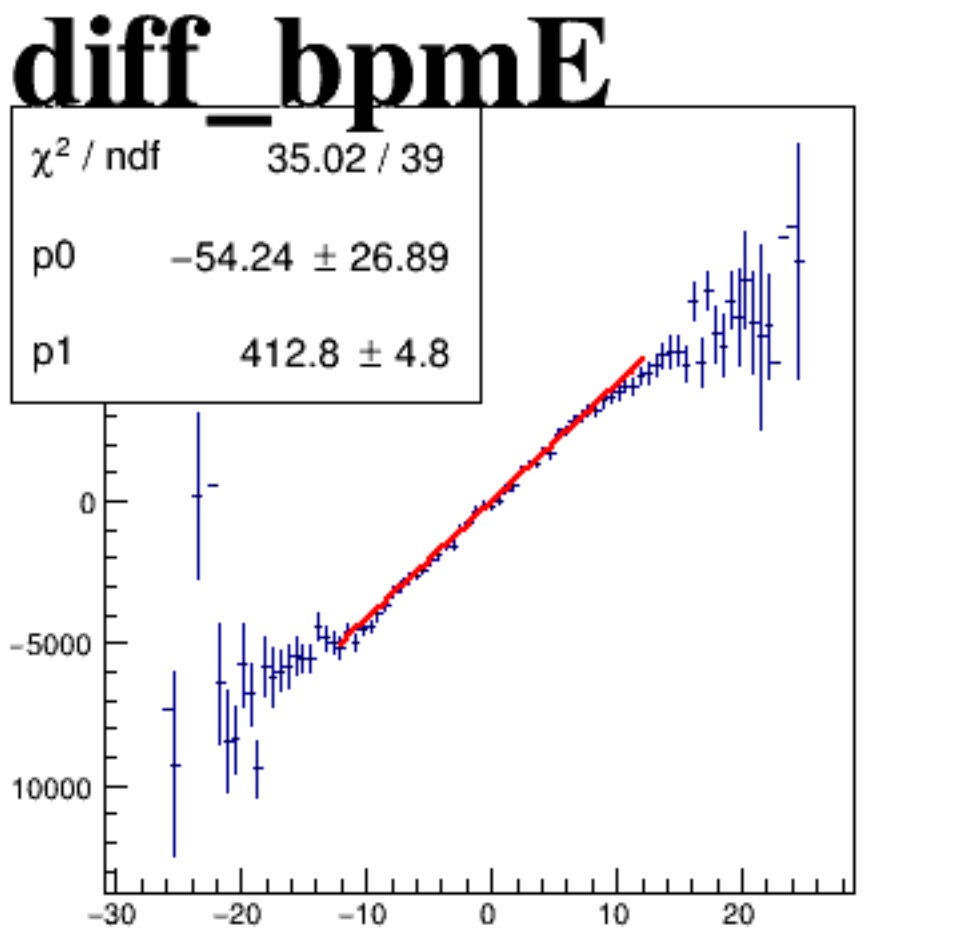
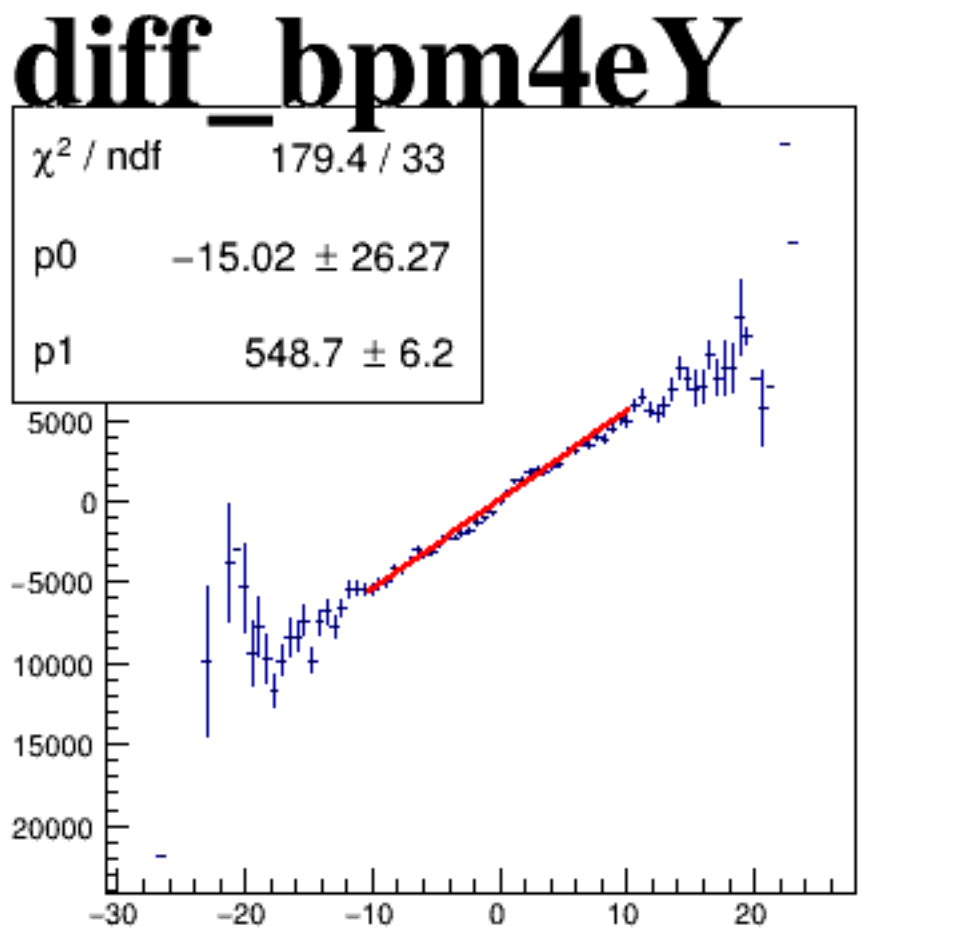
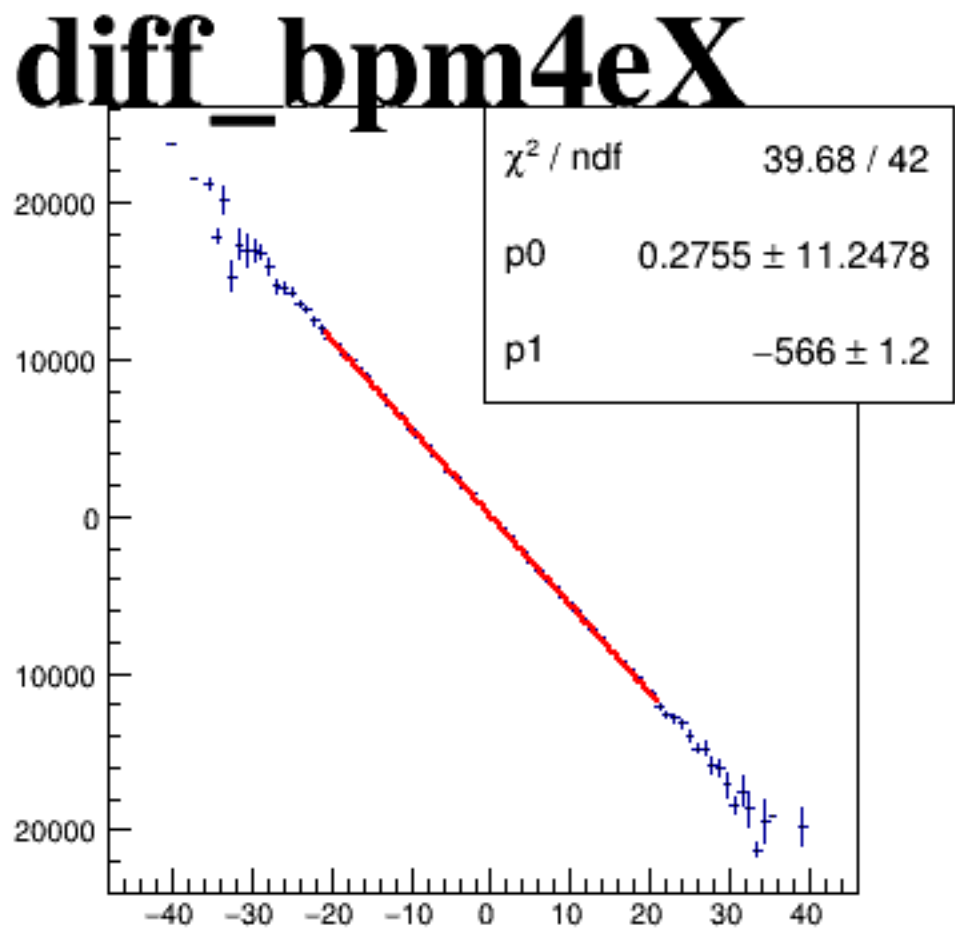
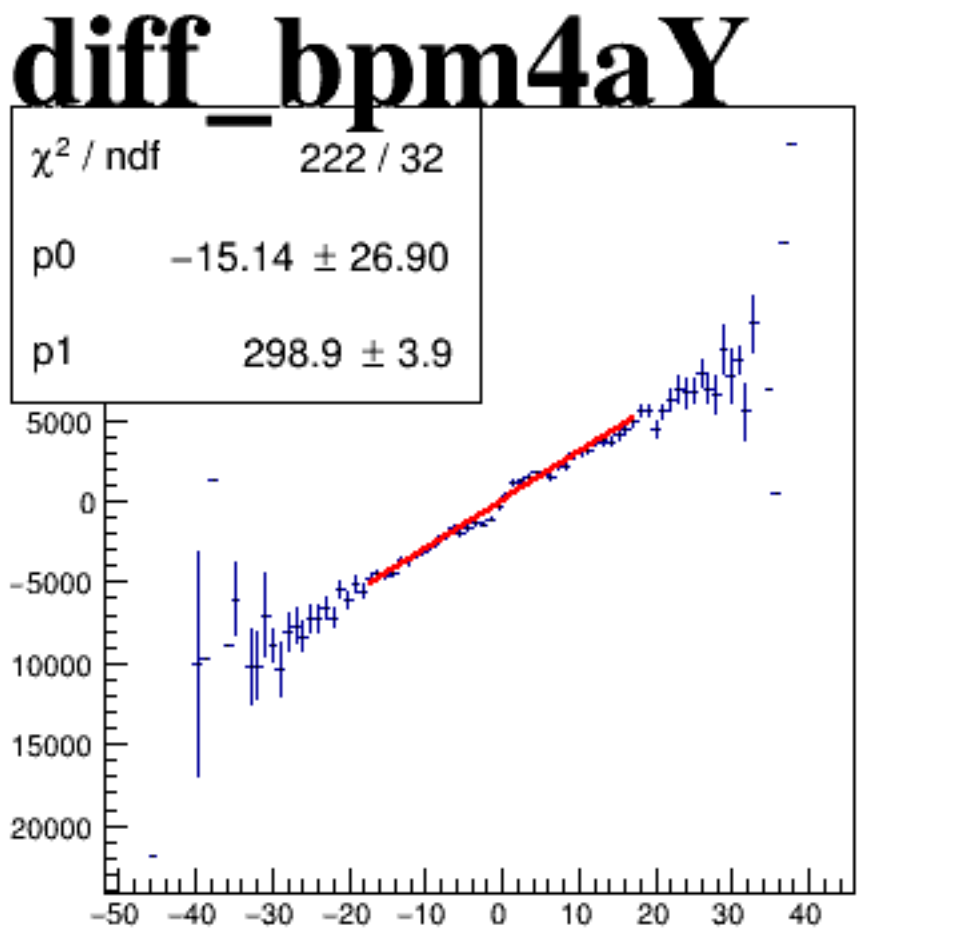
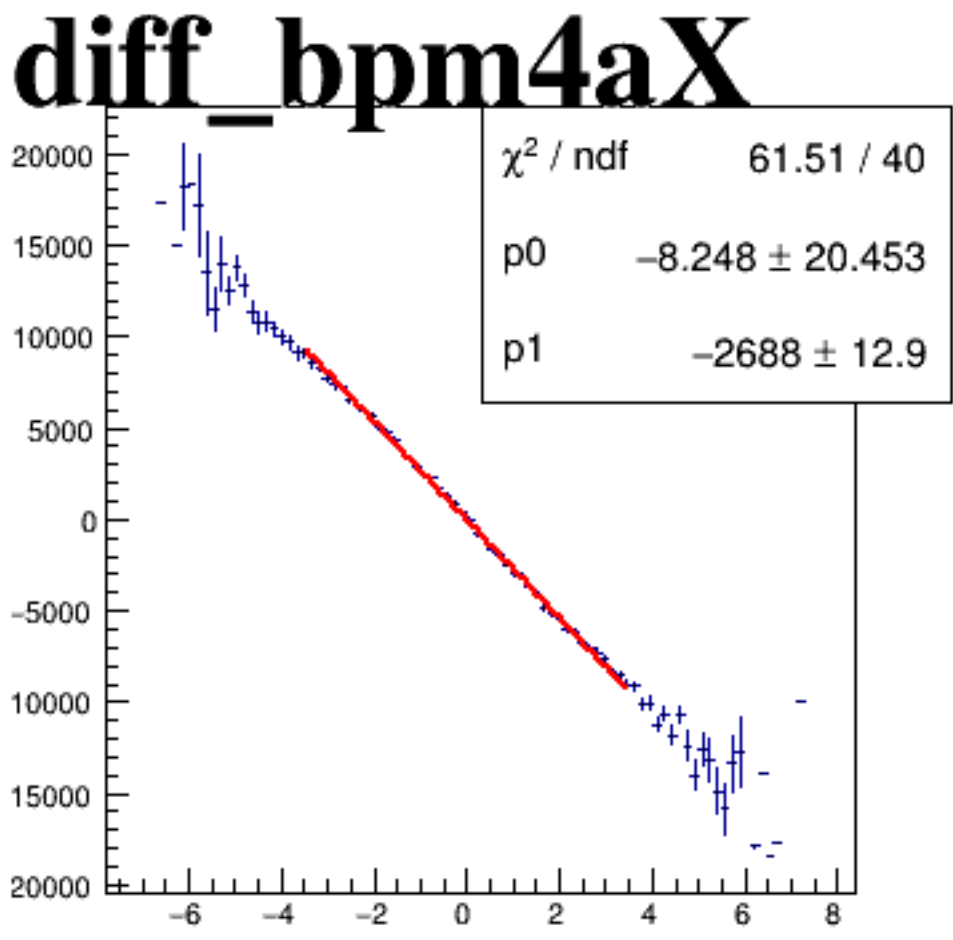
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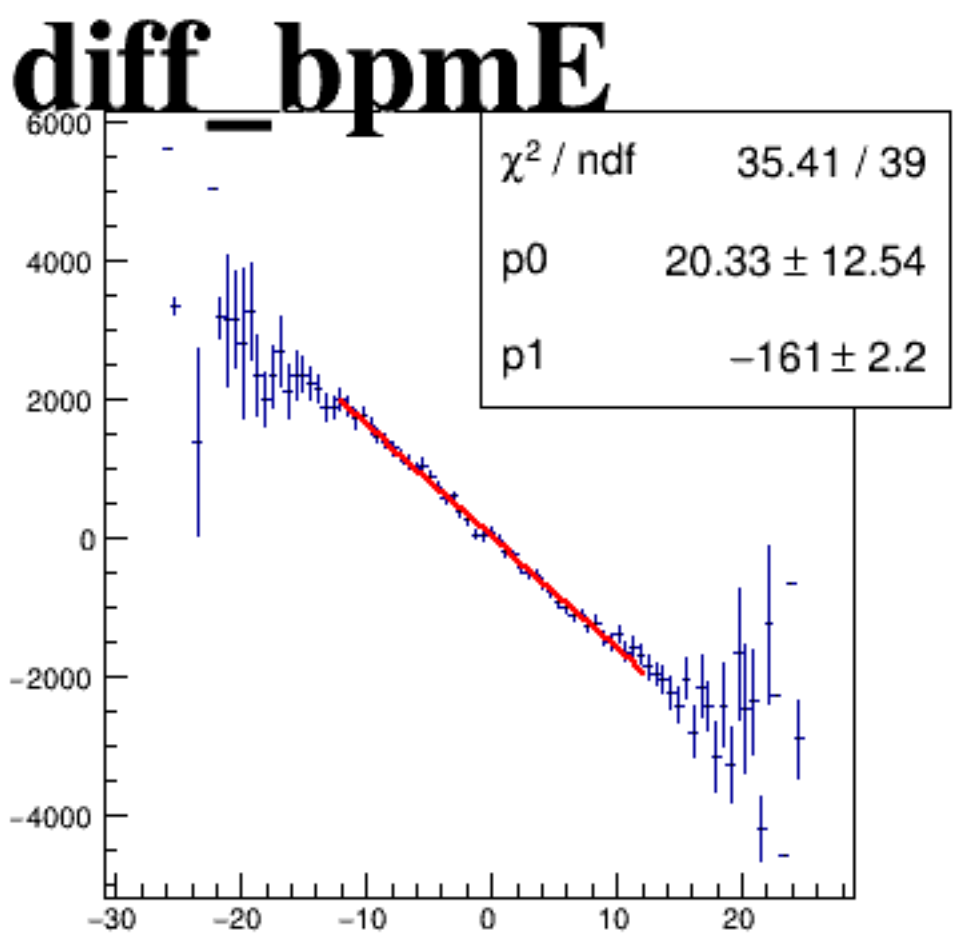
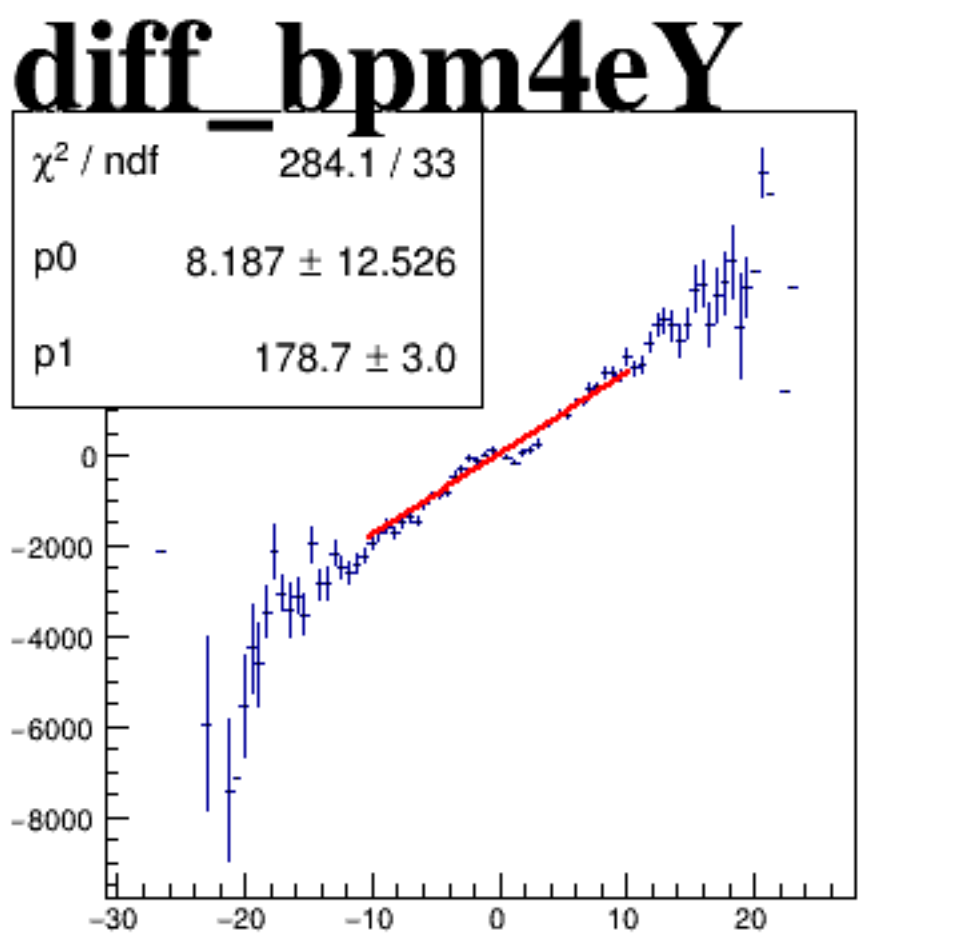
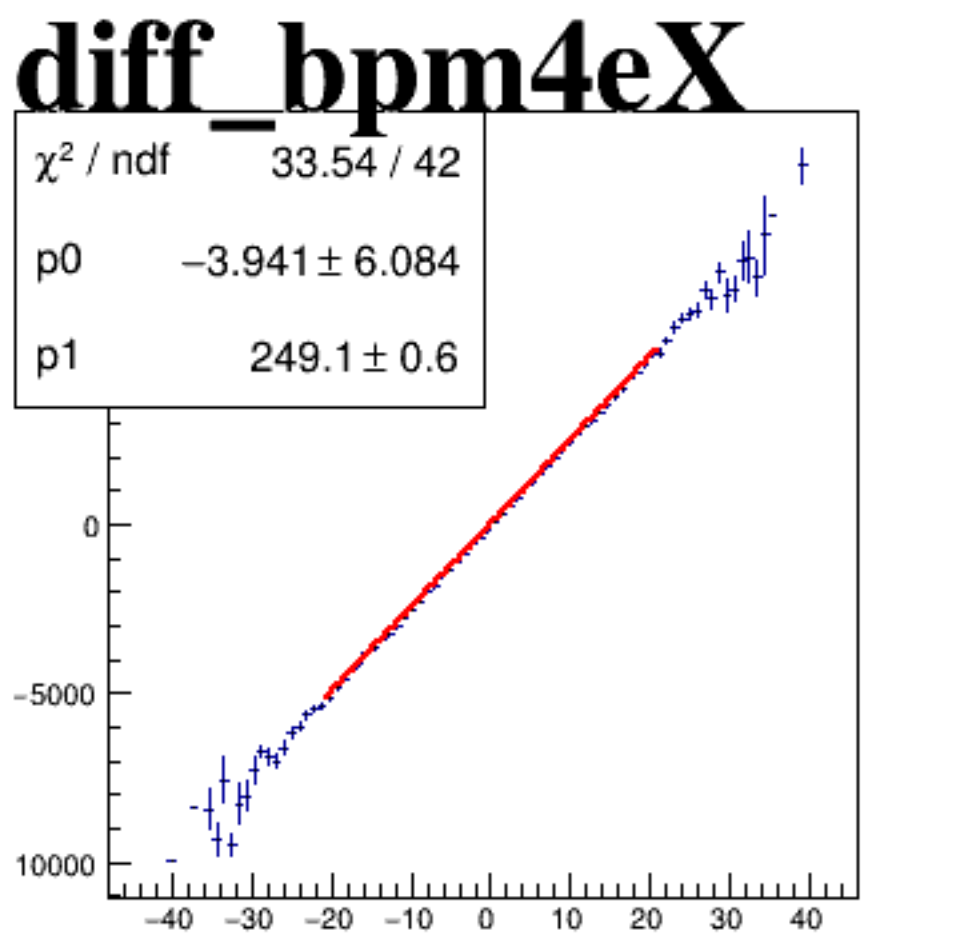
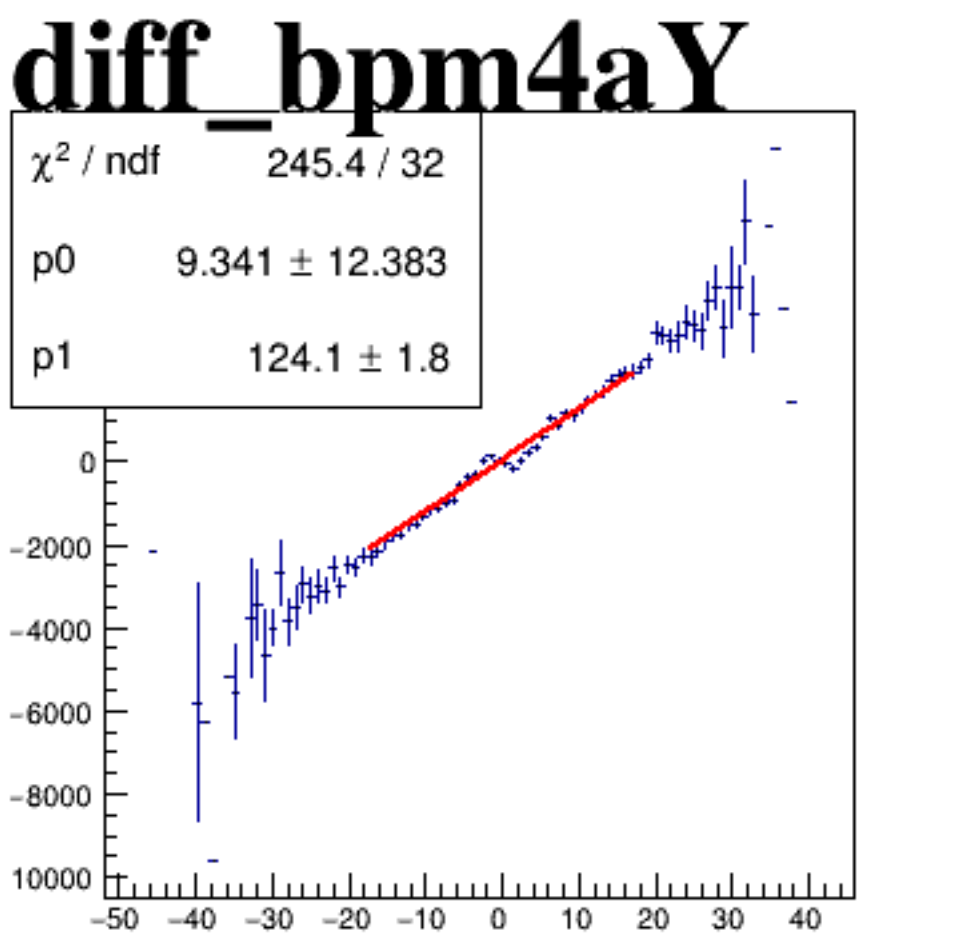
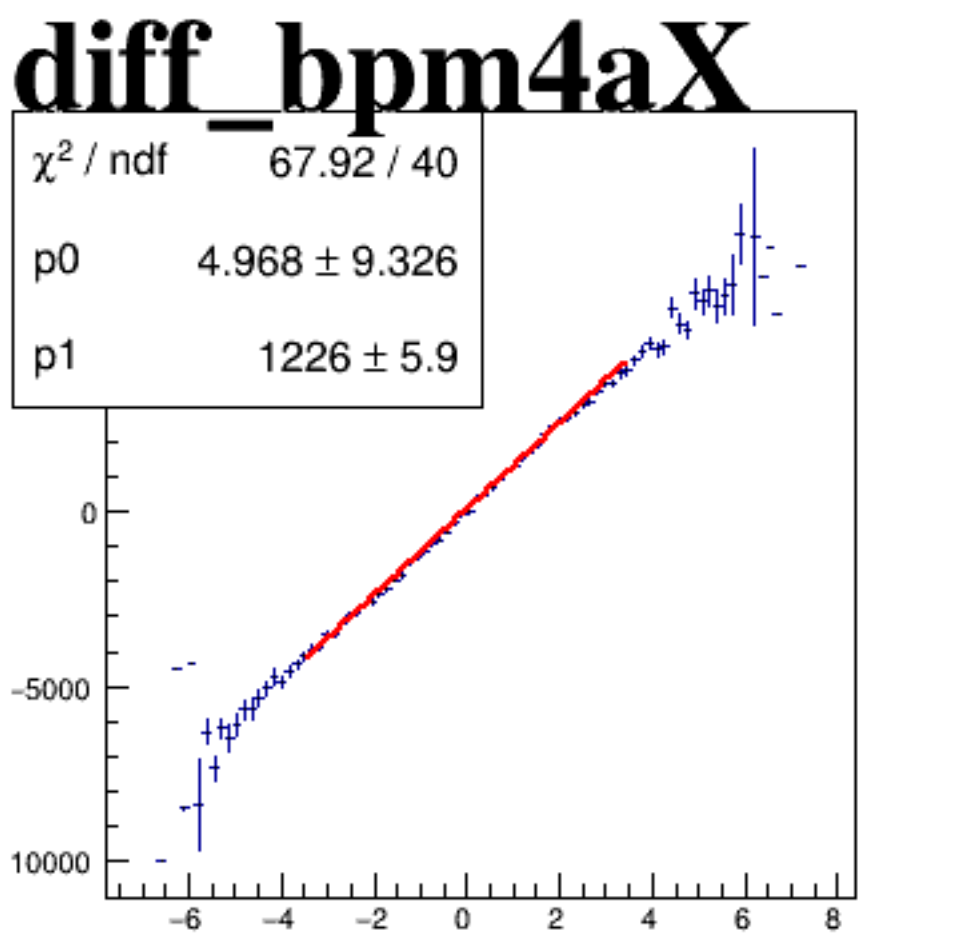
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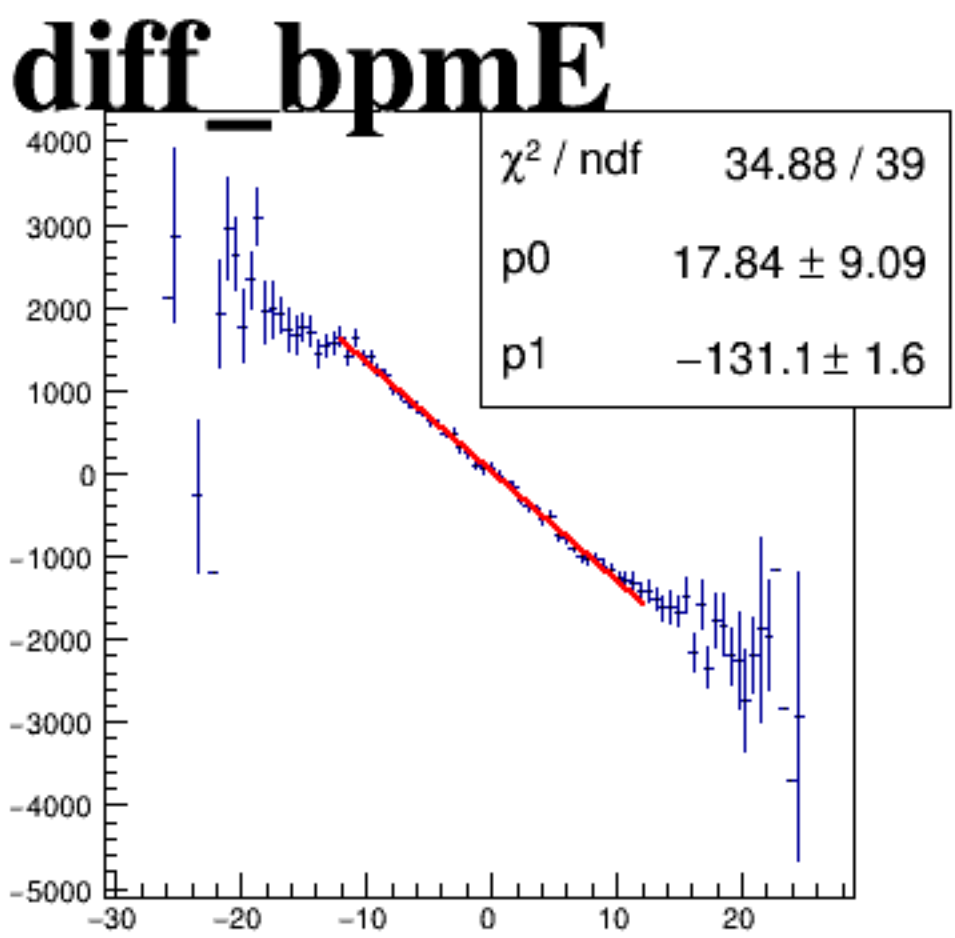
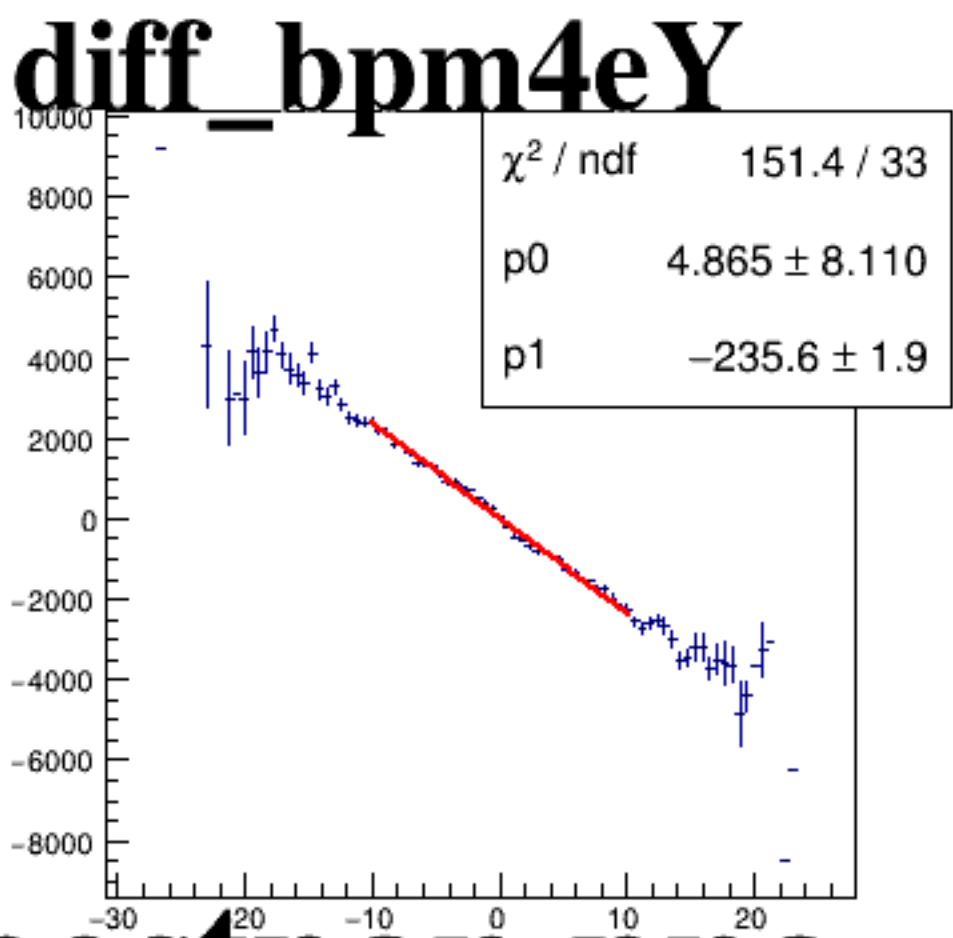
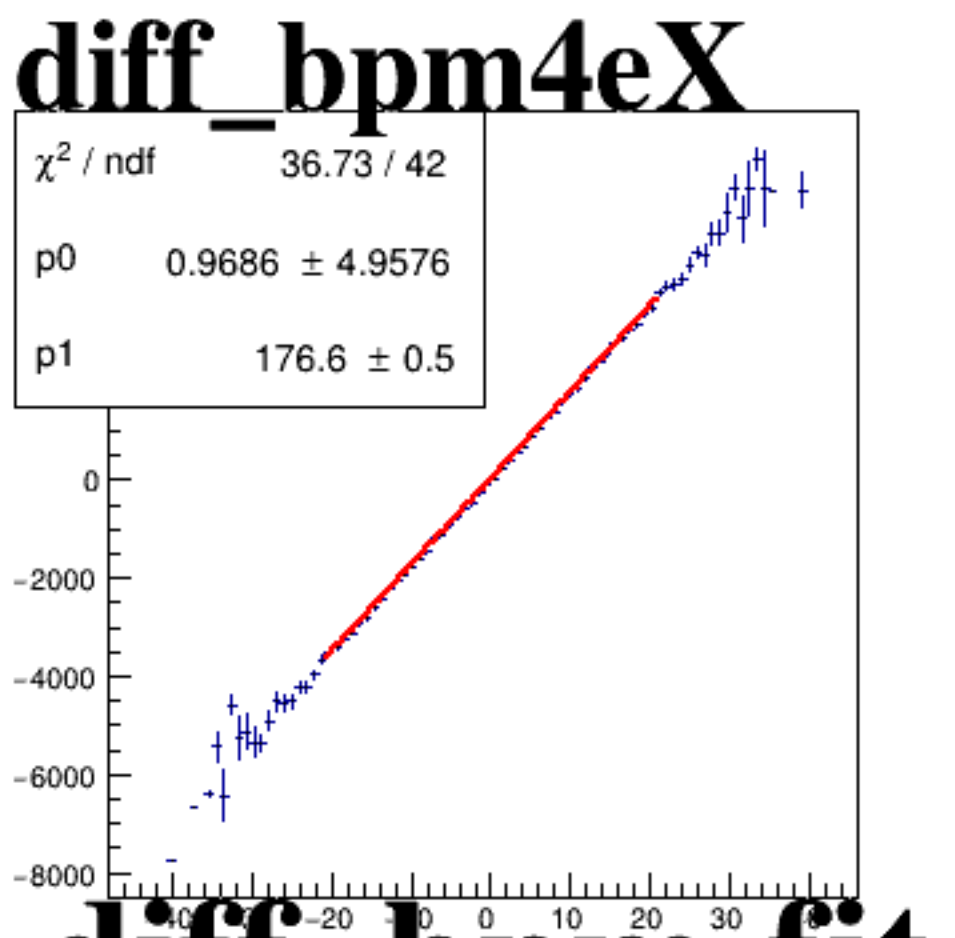
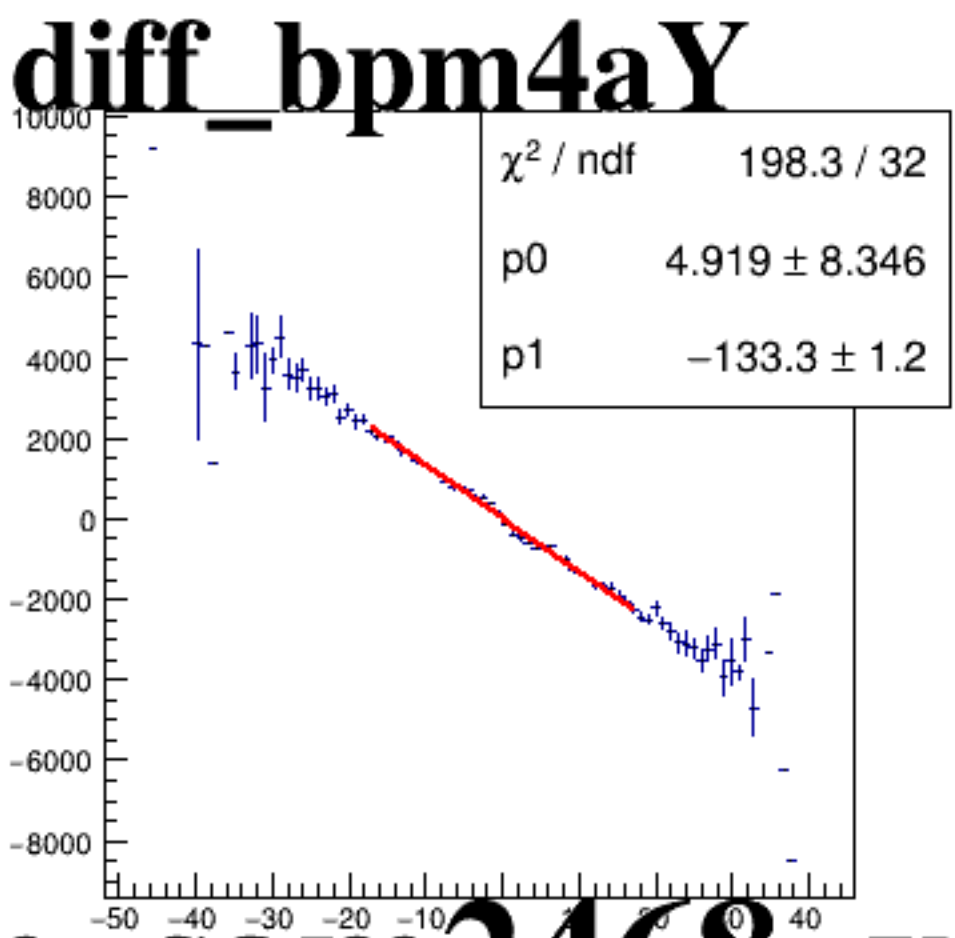
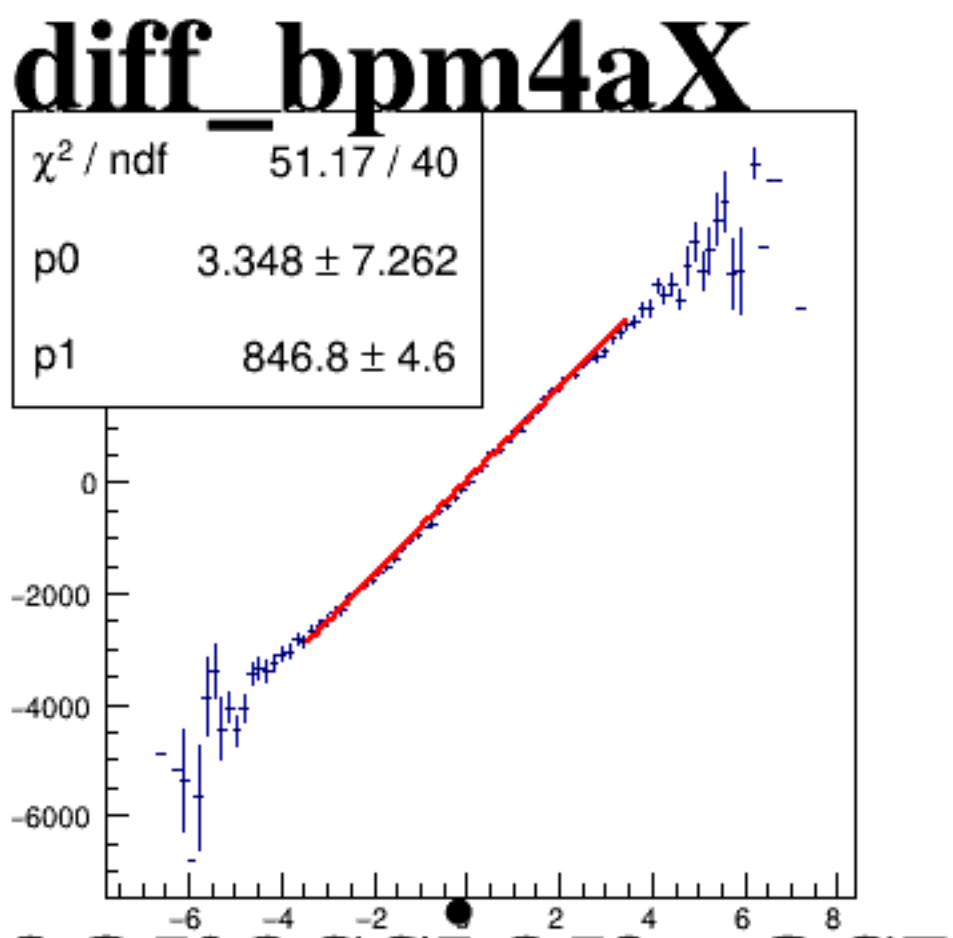
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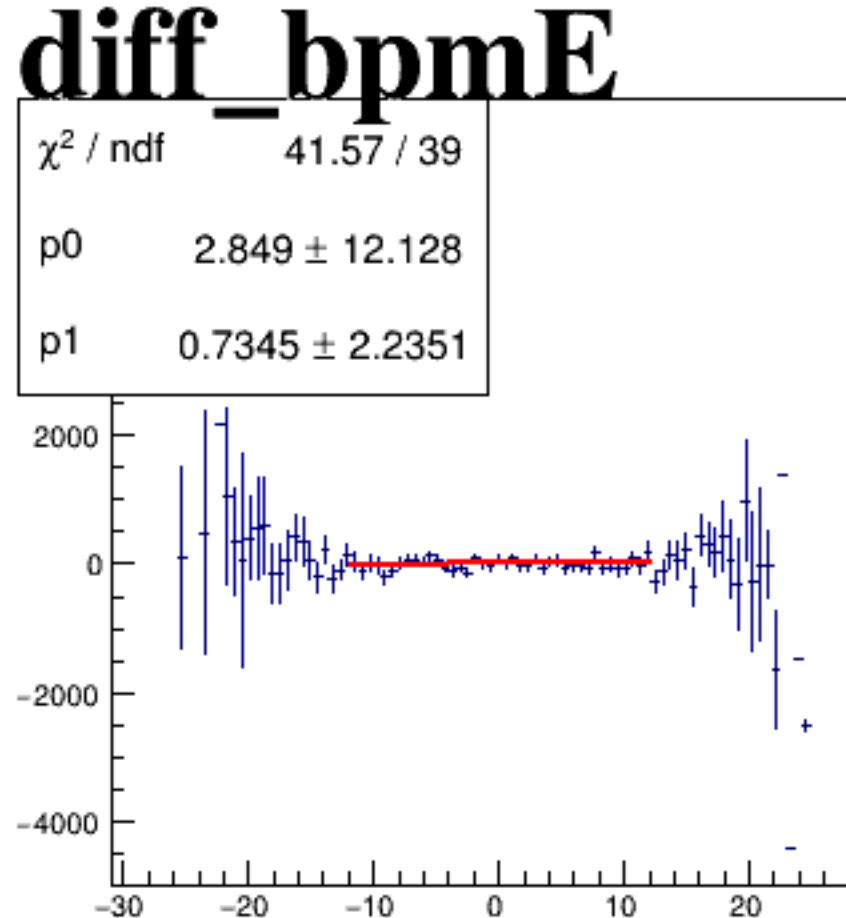
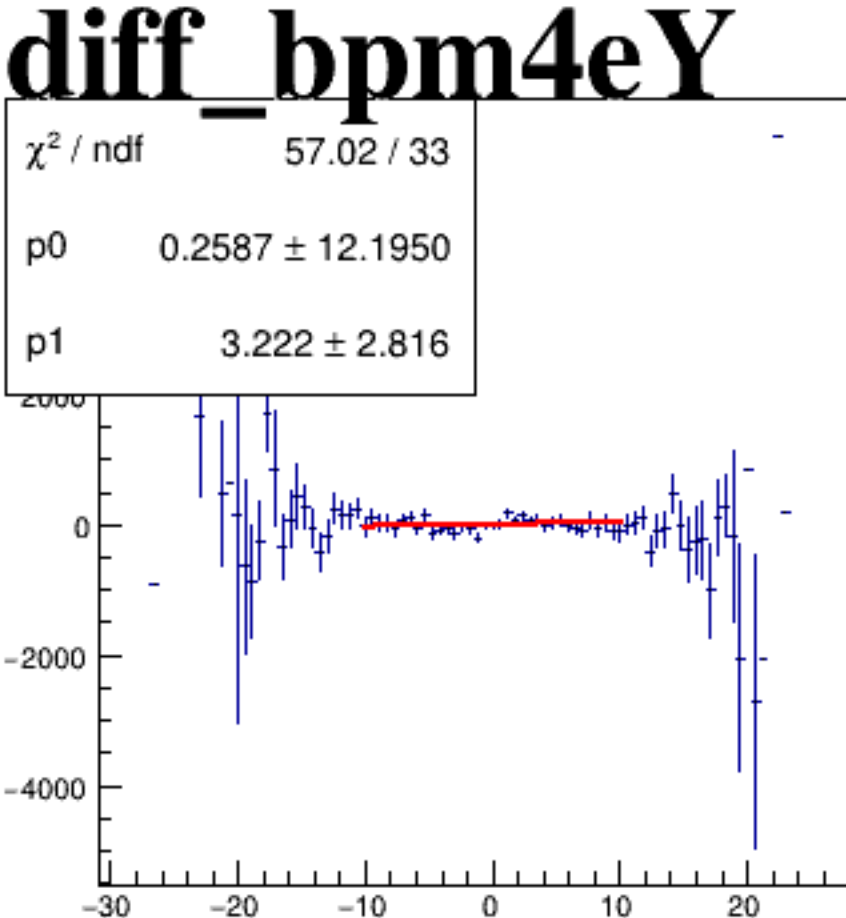
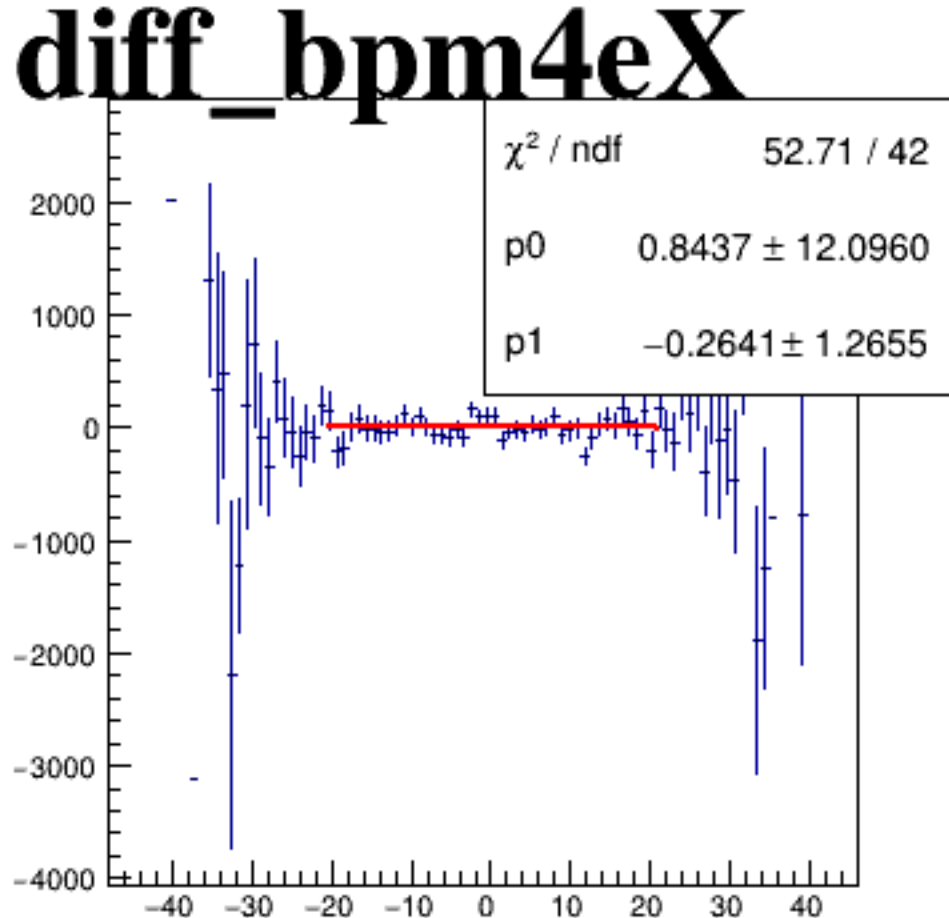
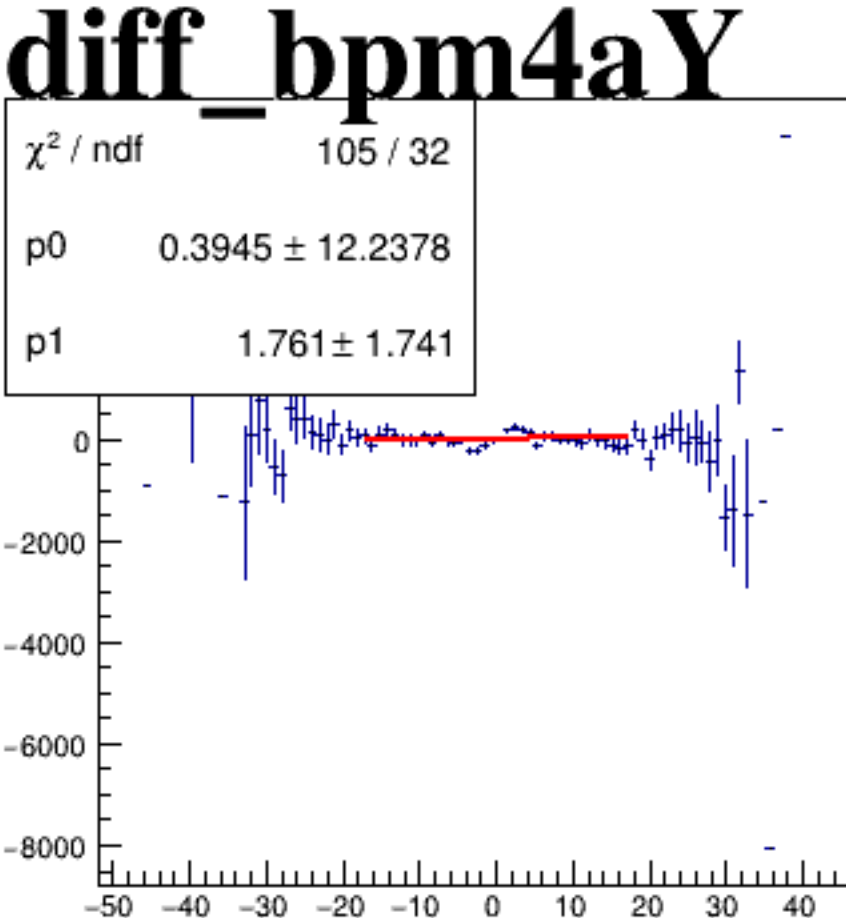
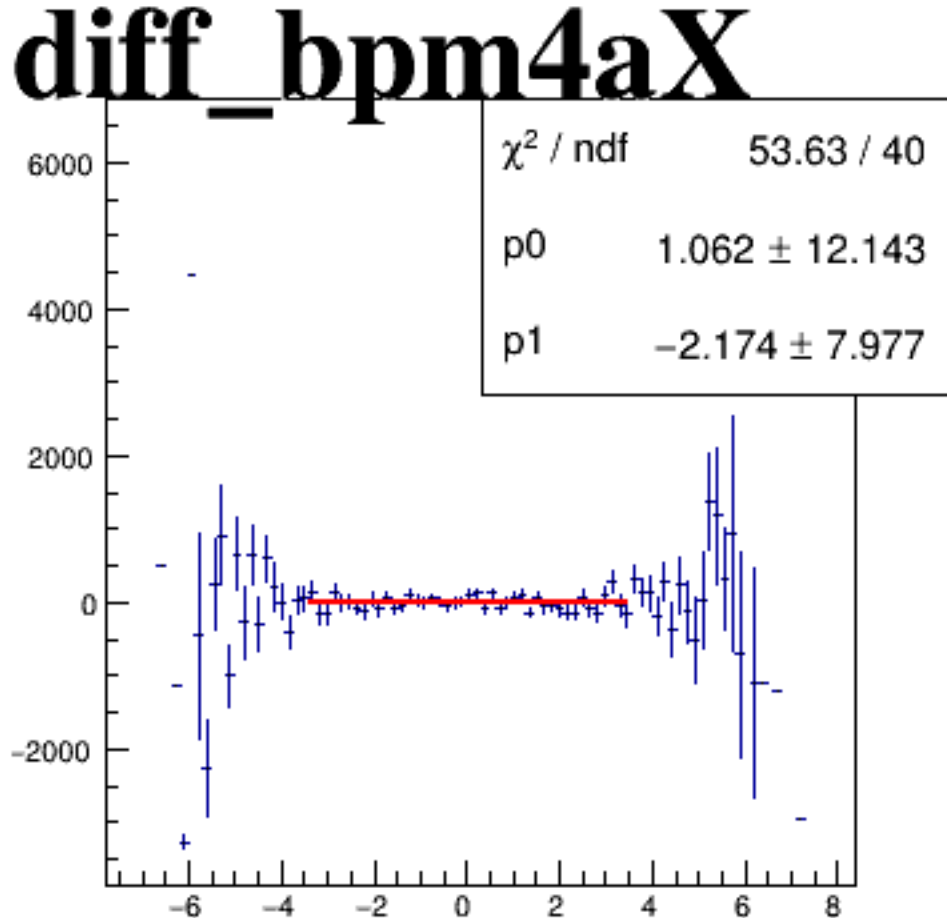


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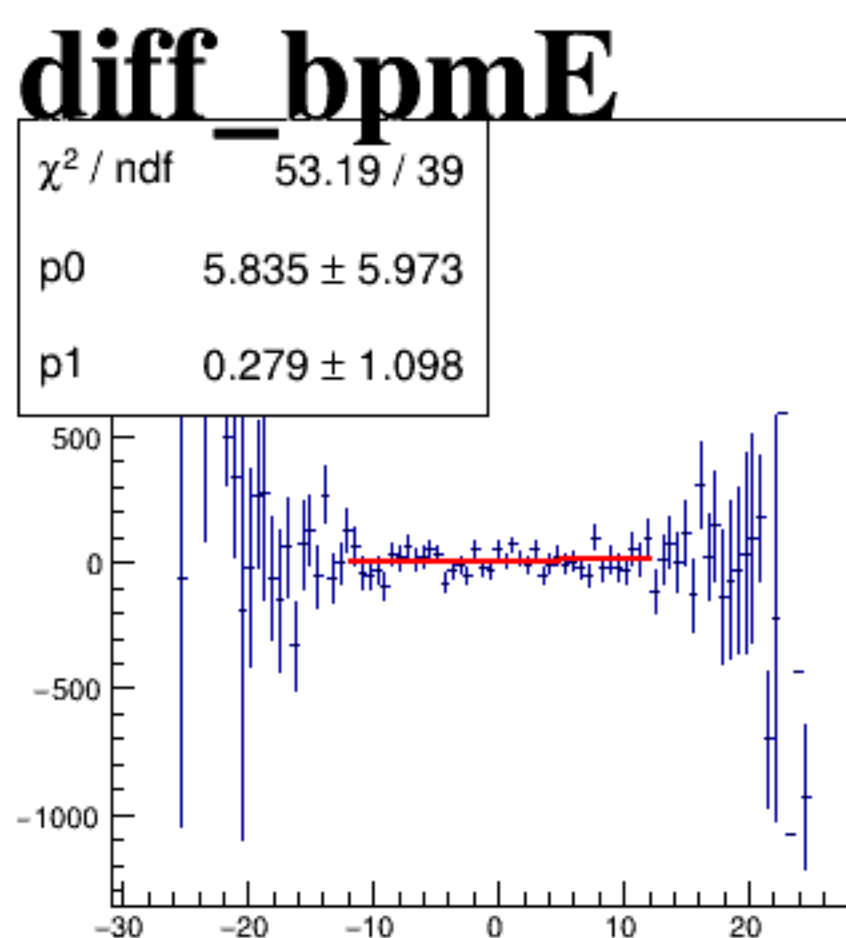
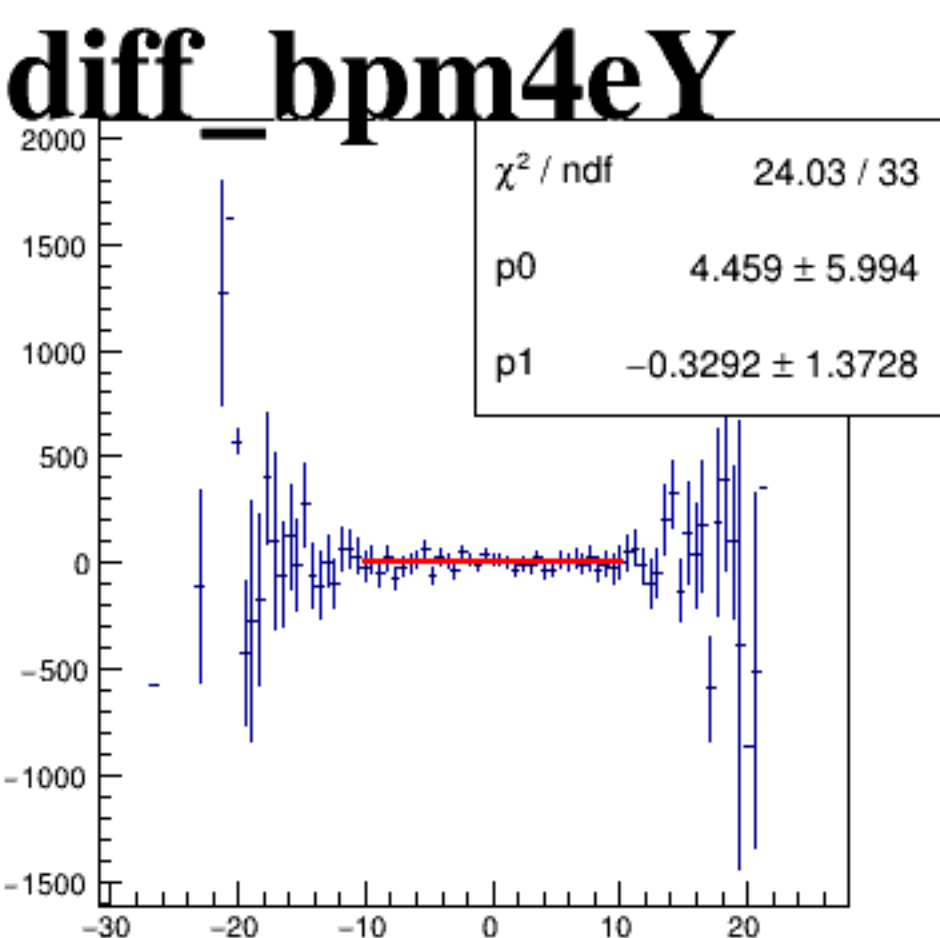
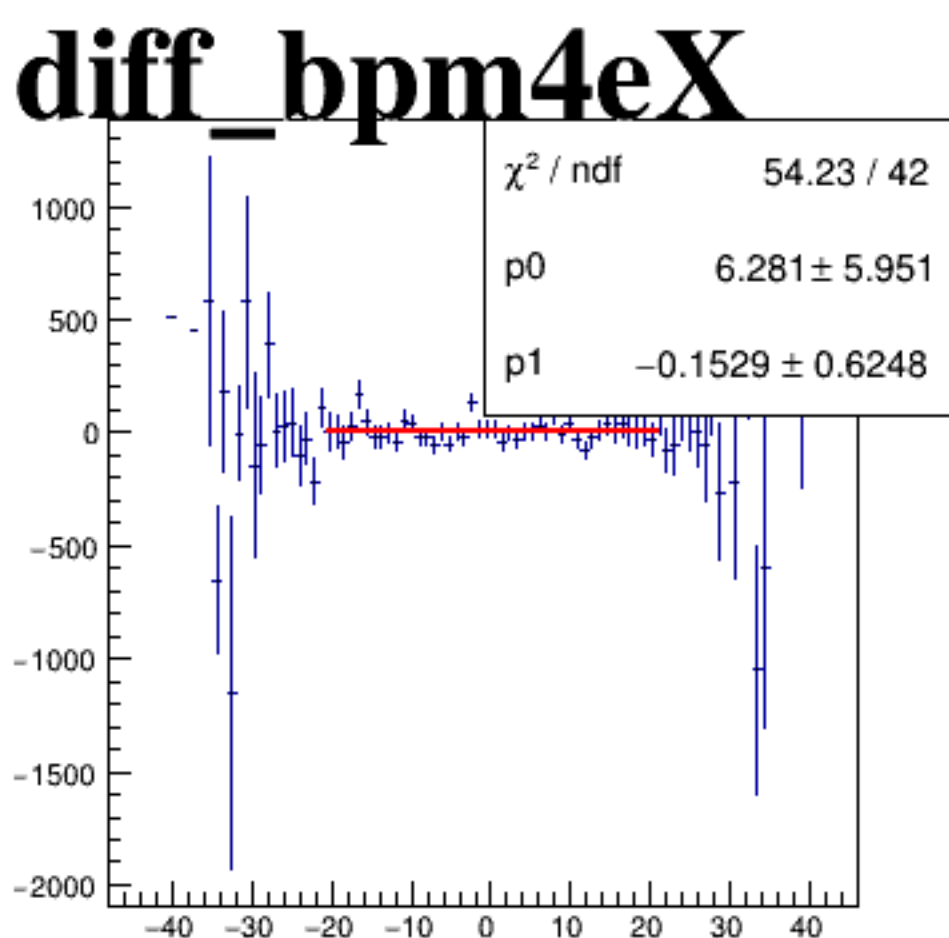
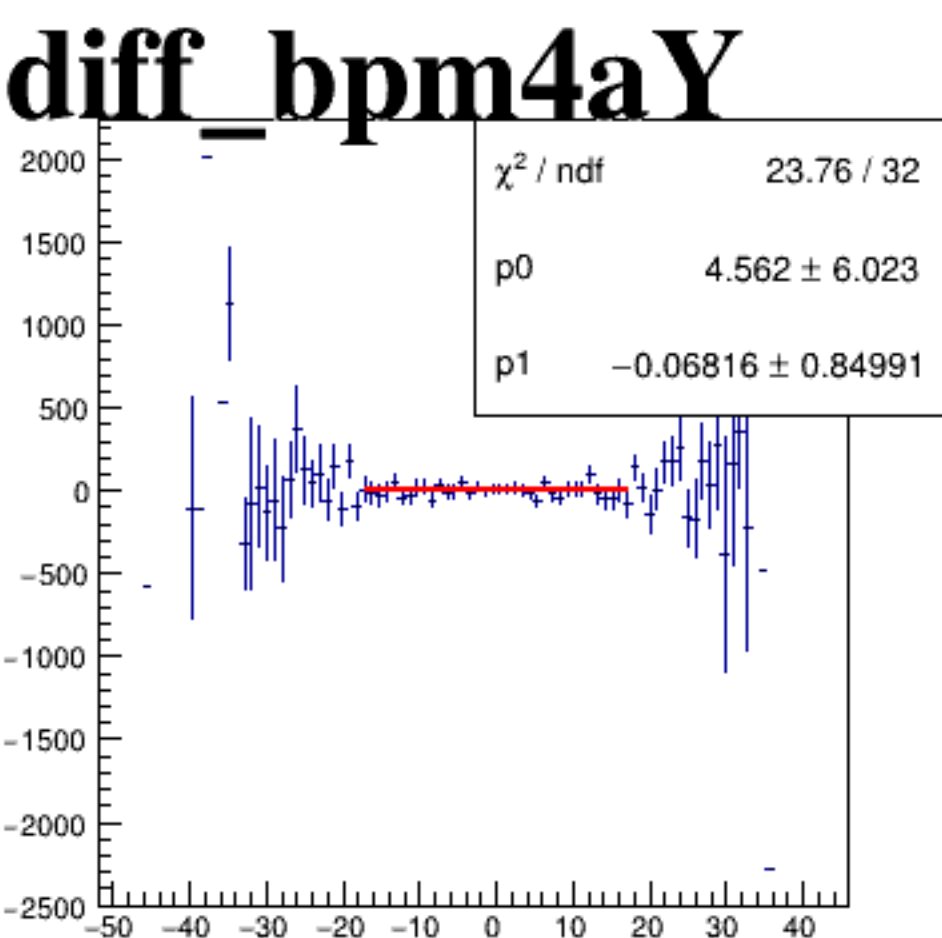
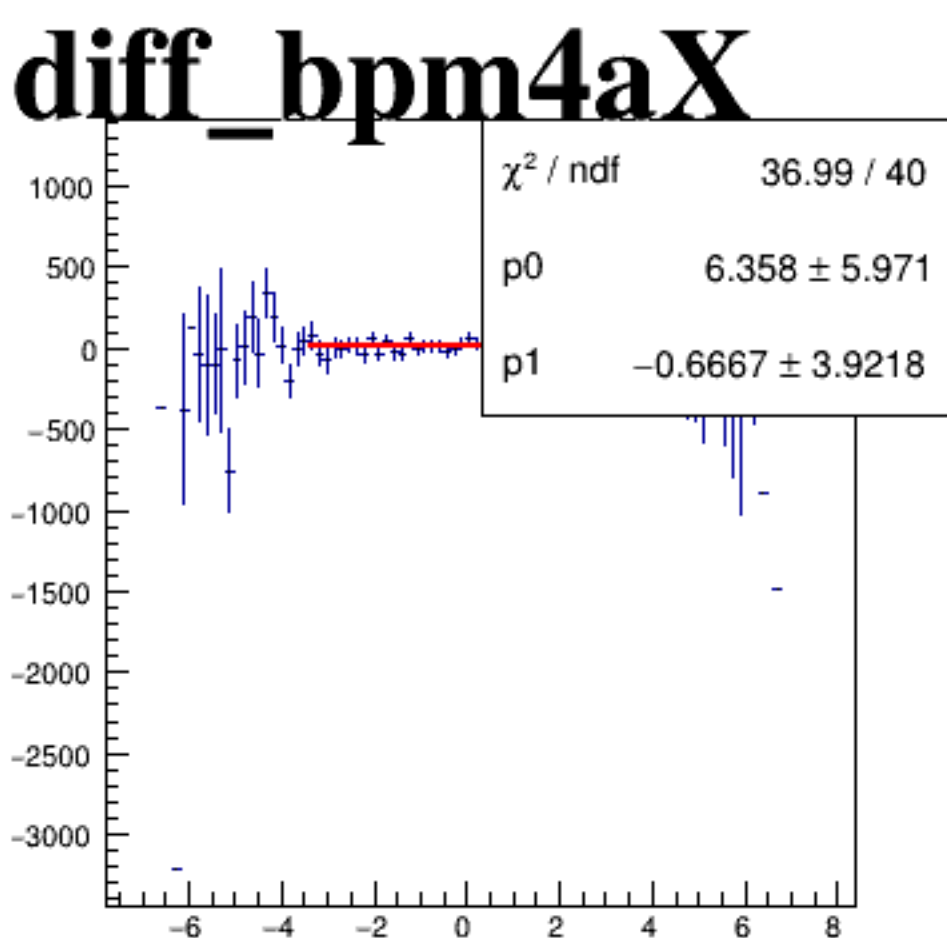


run4004_000_regression_asym_sam2468 vs diff_bpm-fit_postpan.png

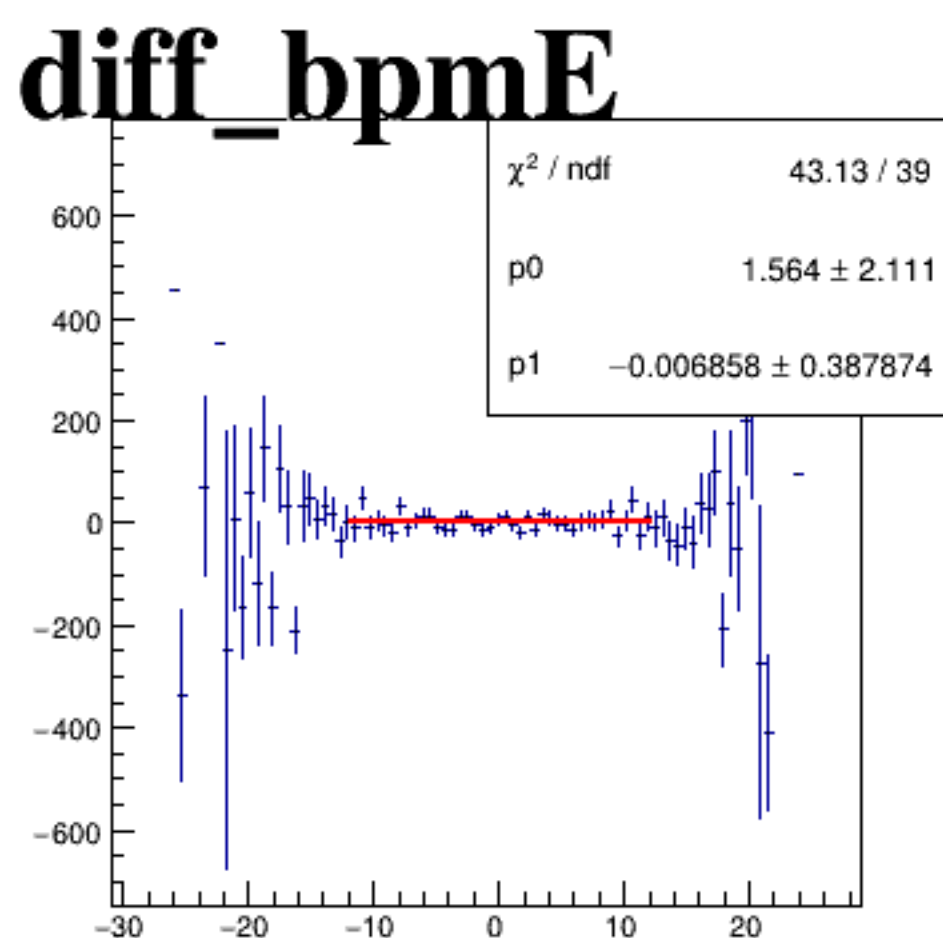
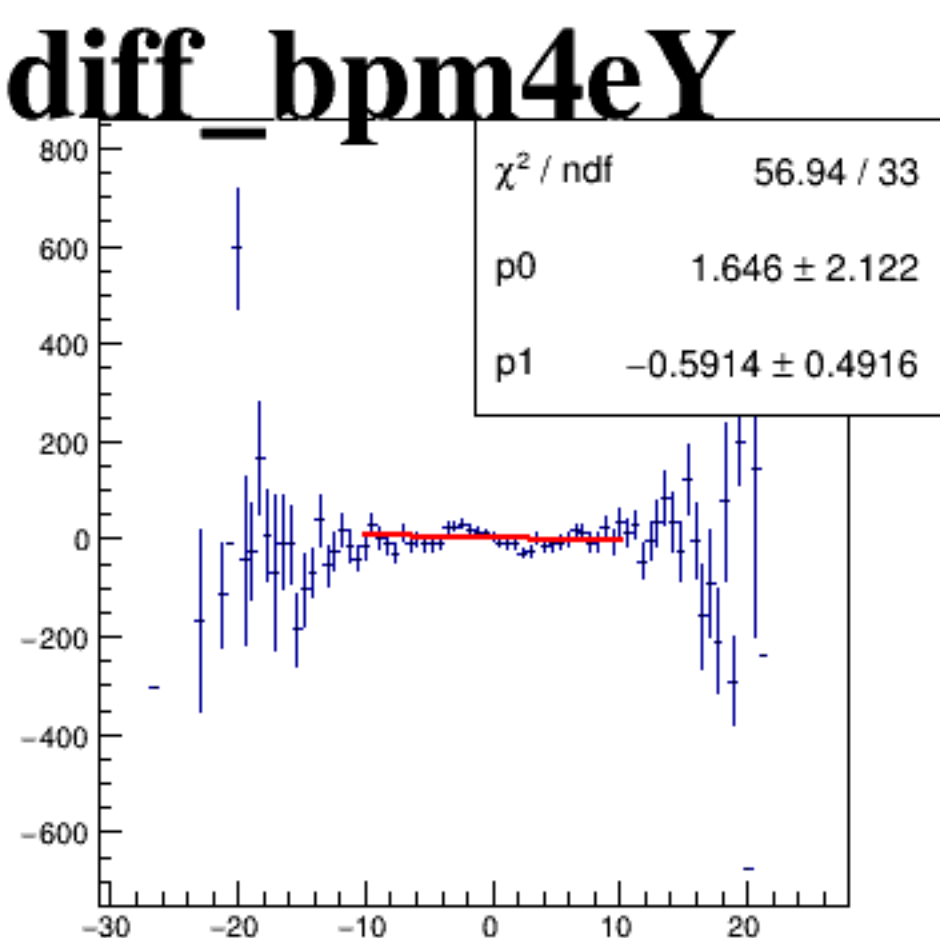
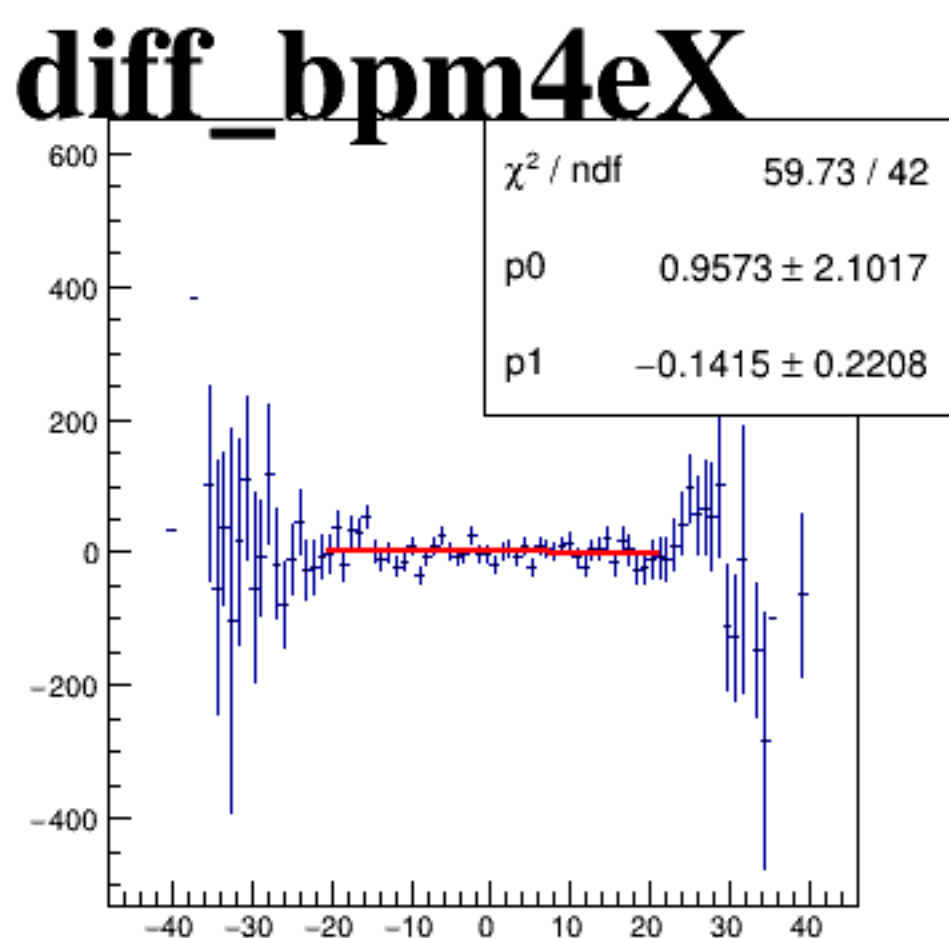
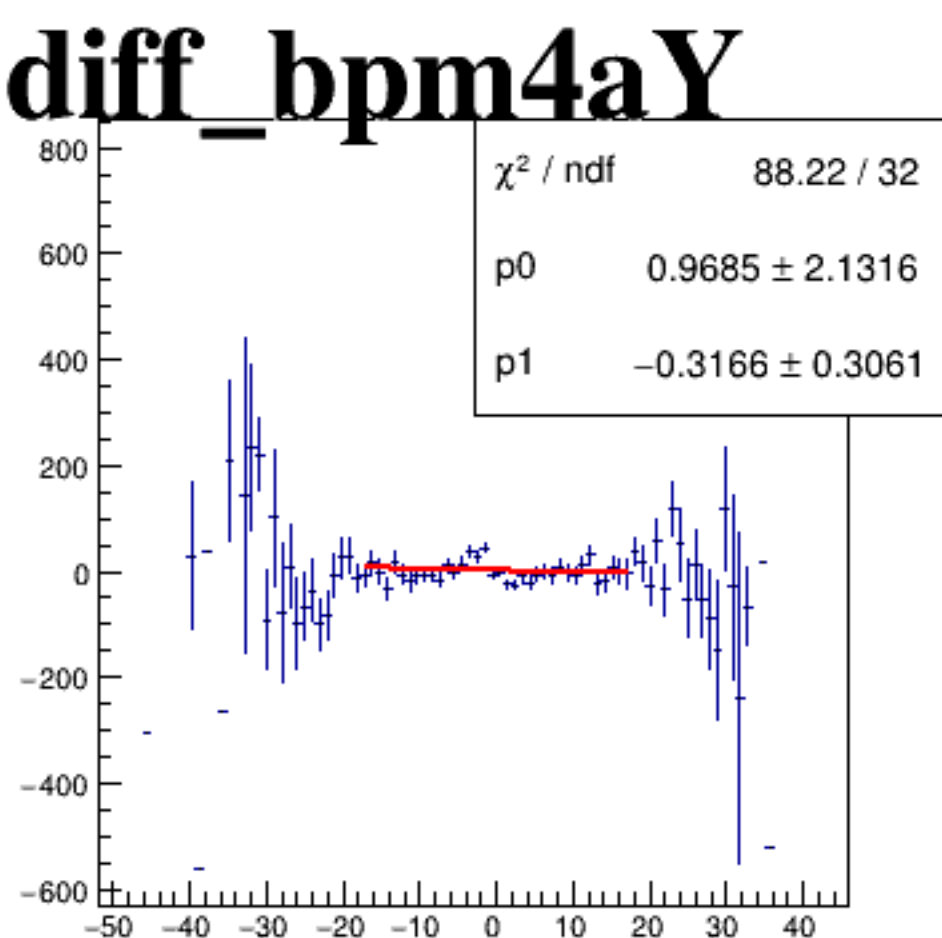
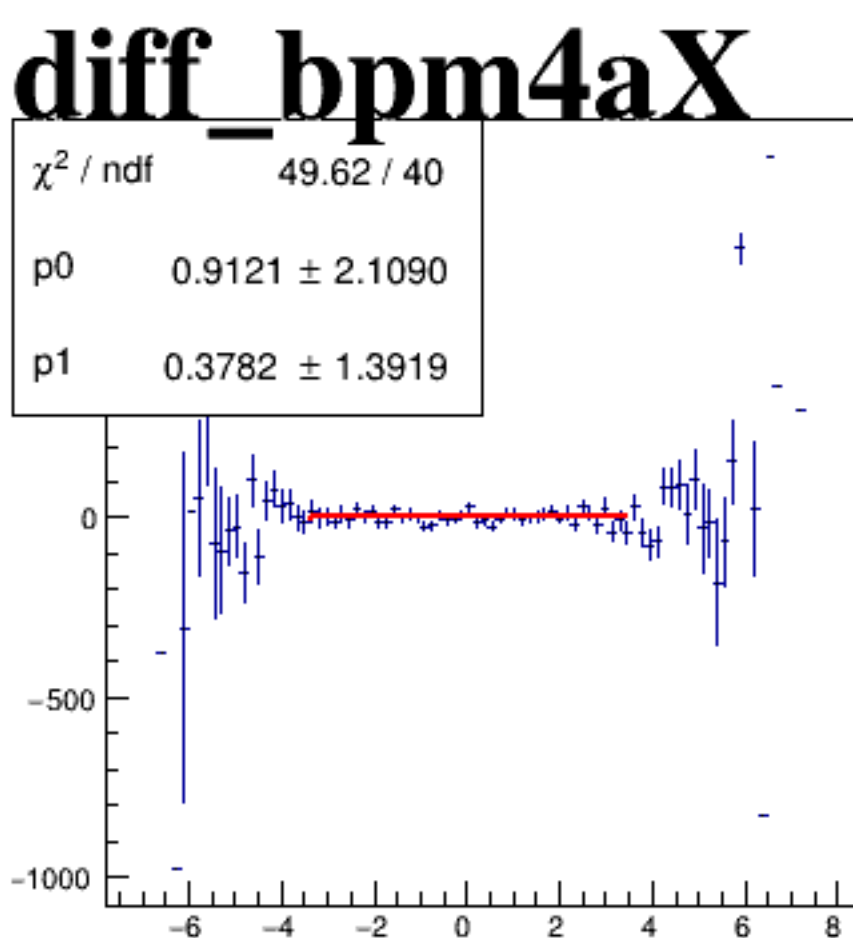
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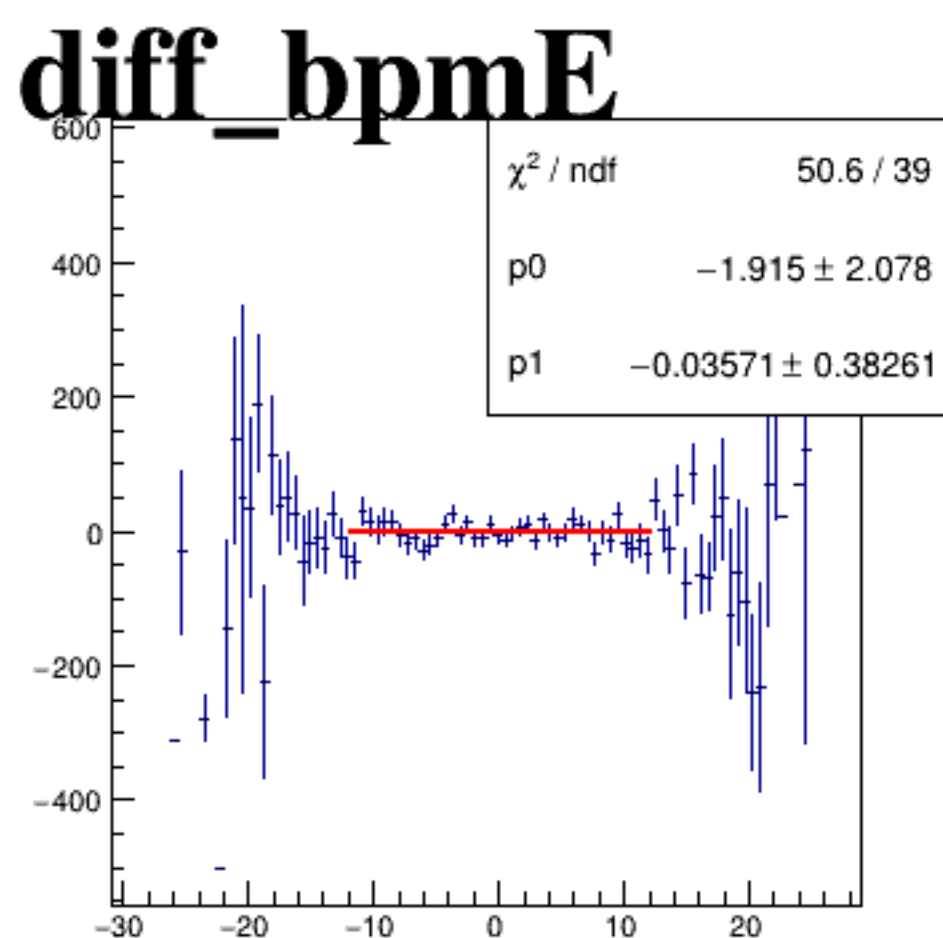
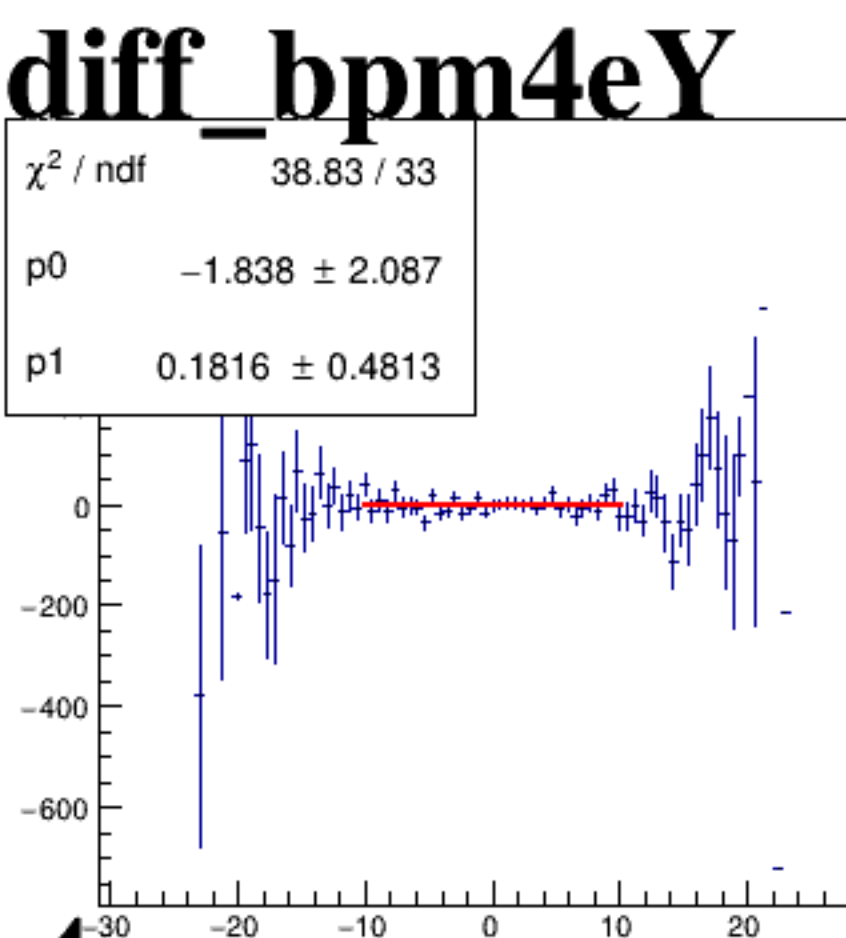
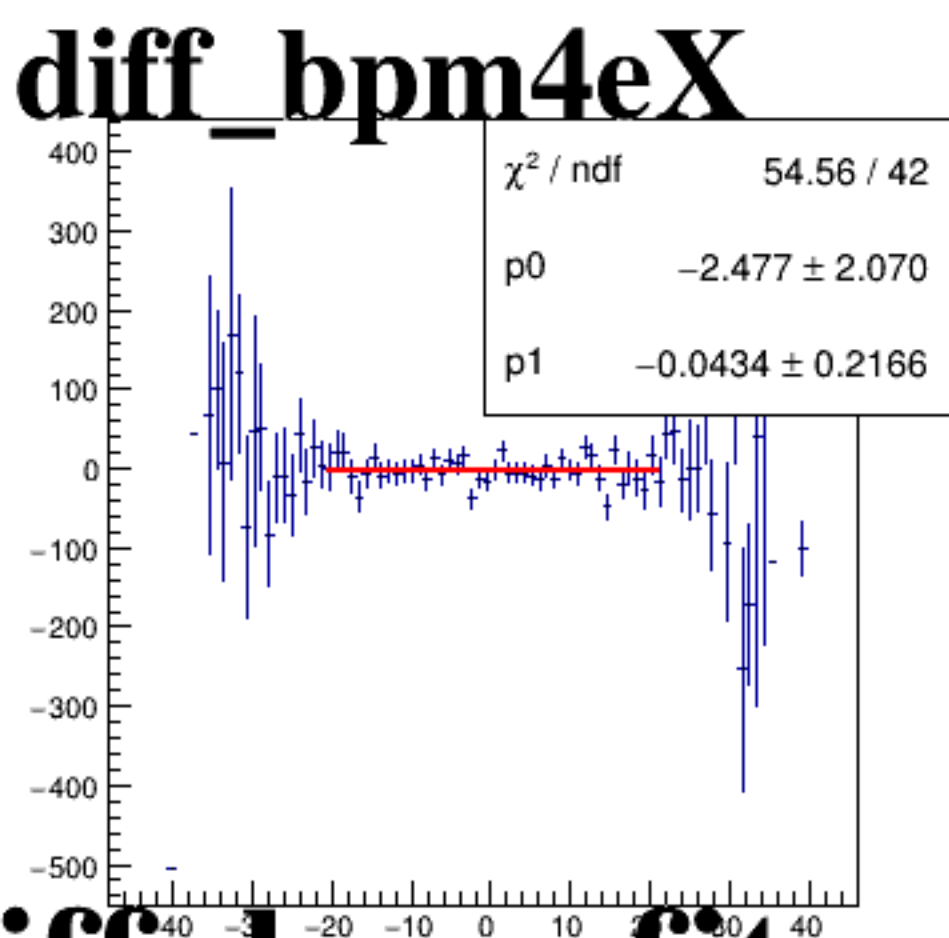
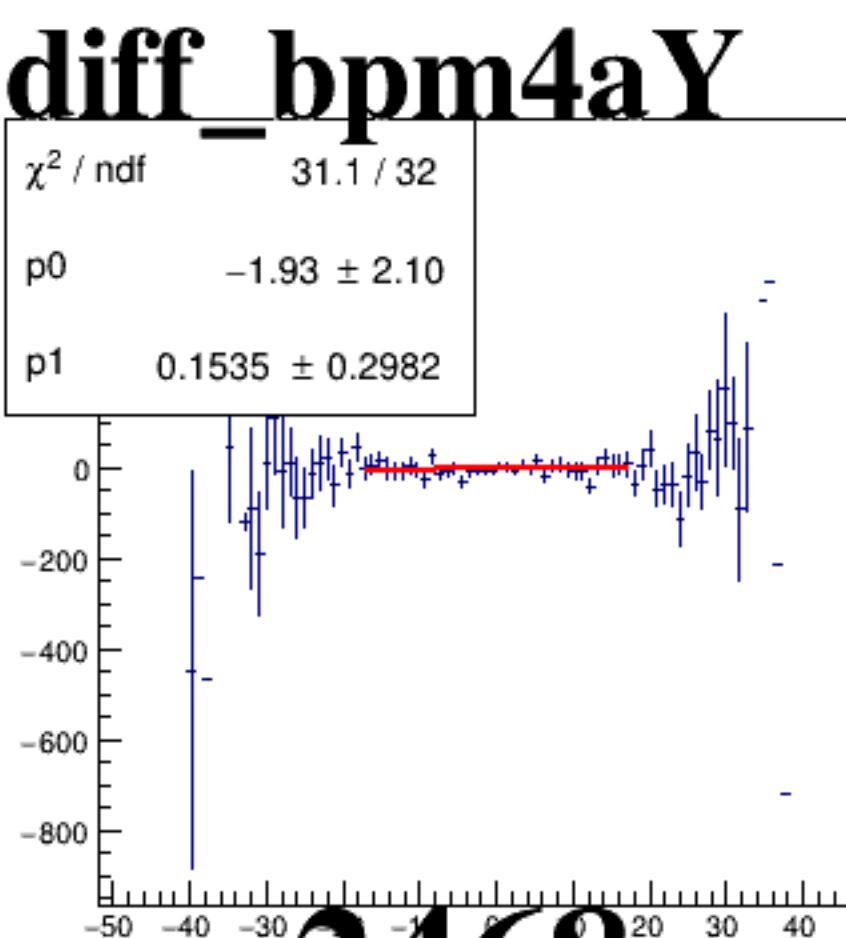
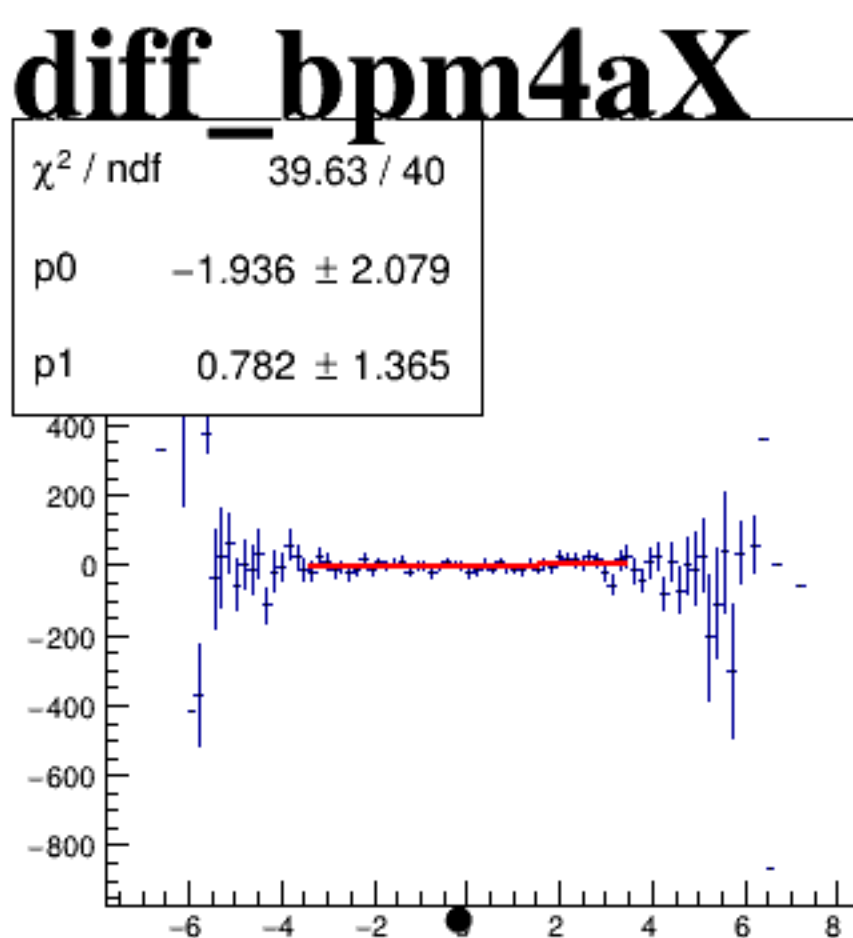
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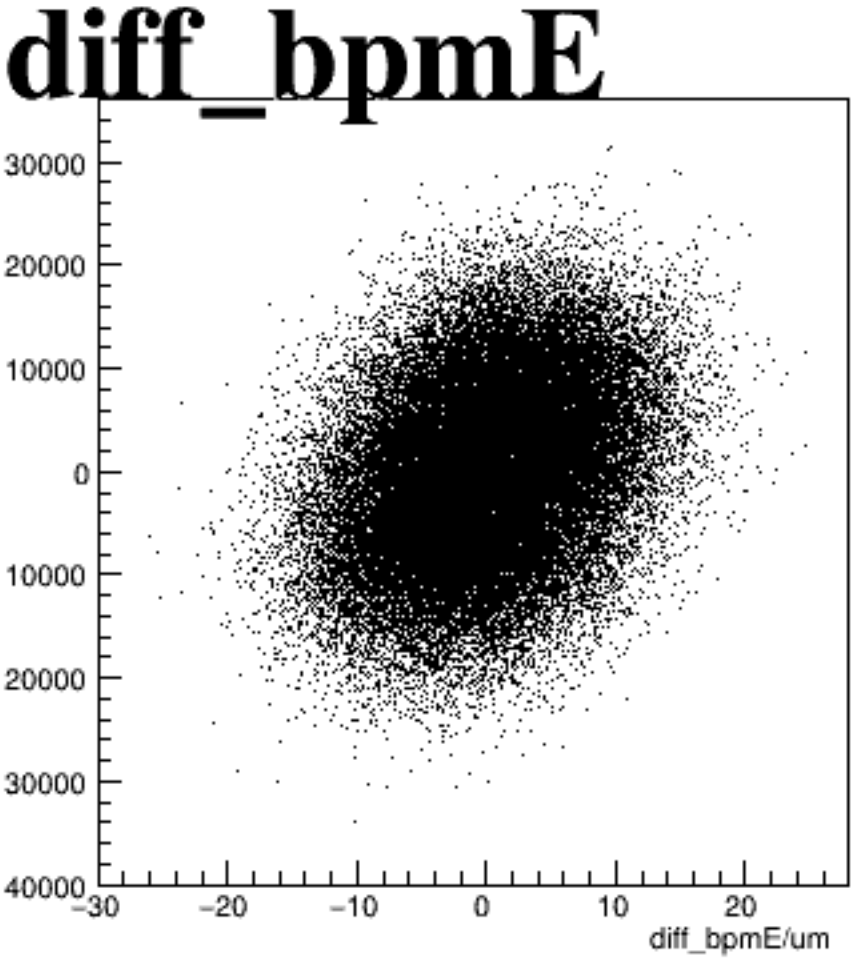
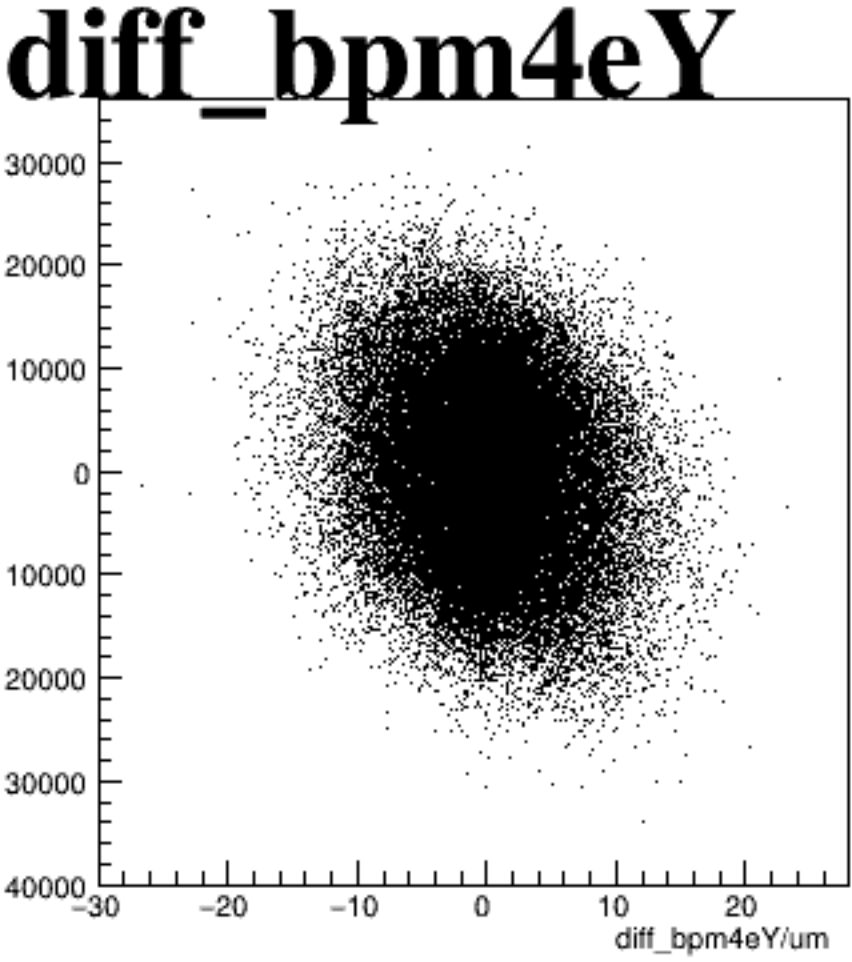
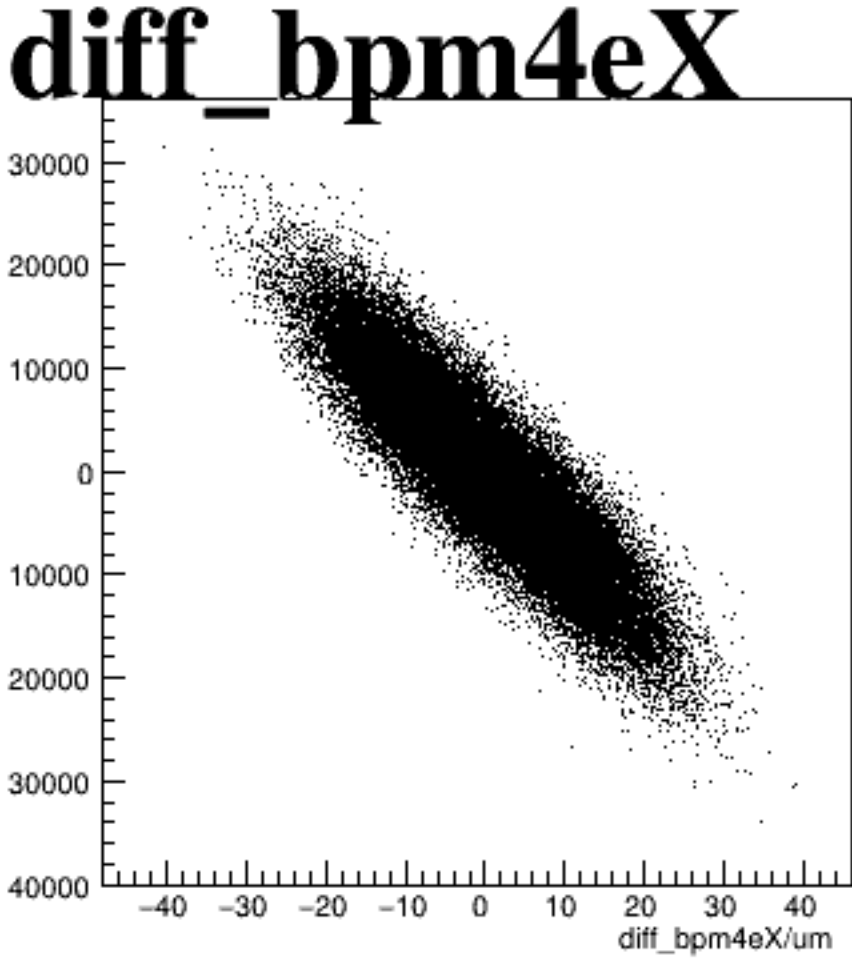
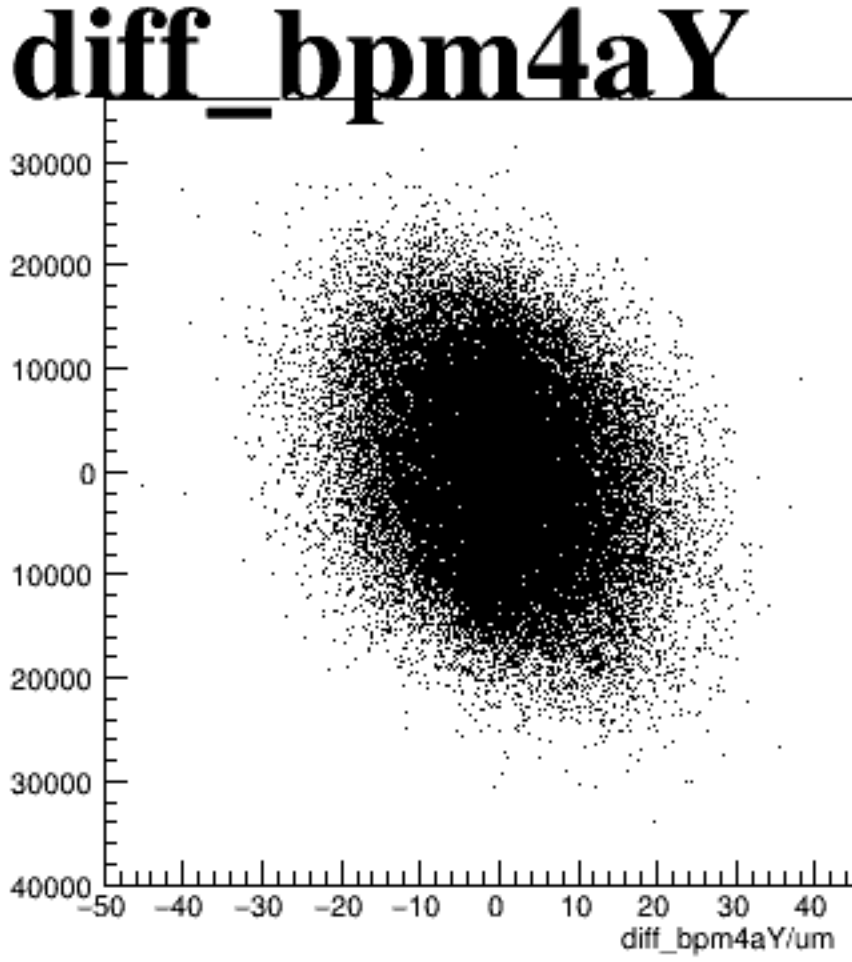
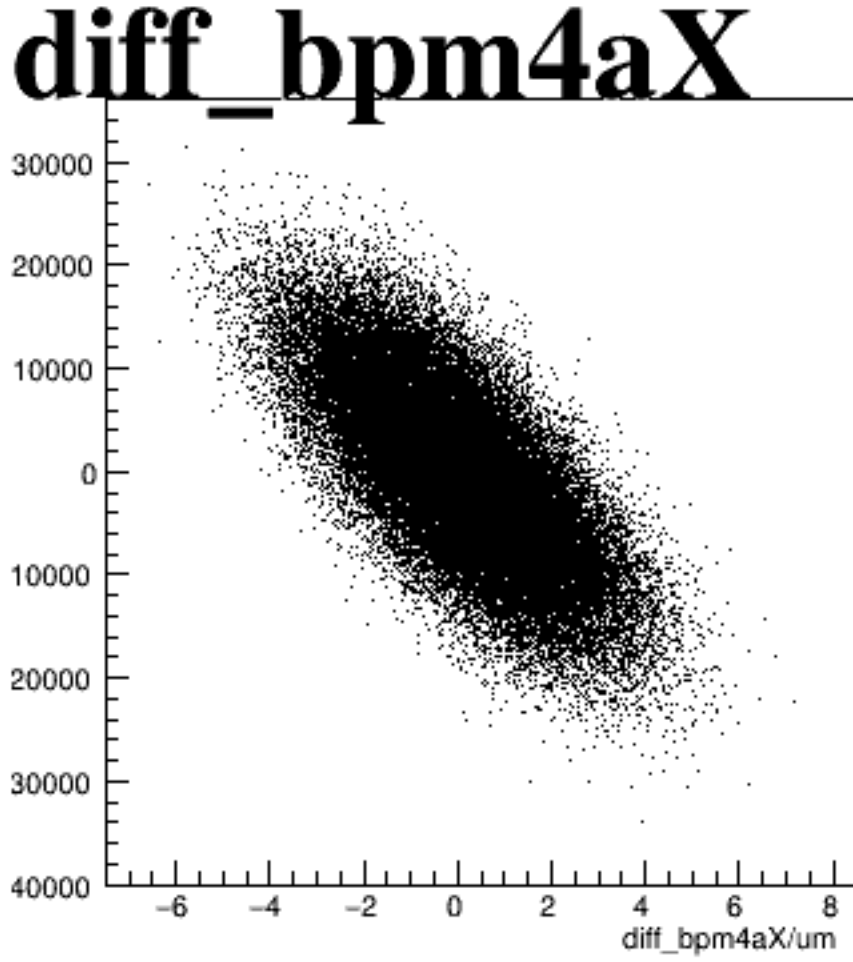
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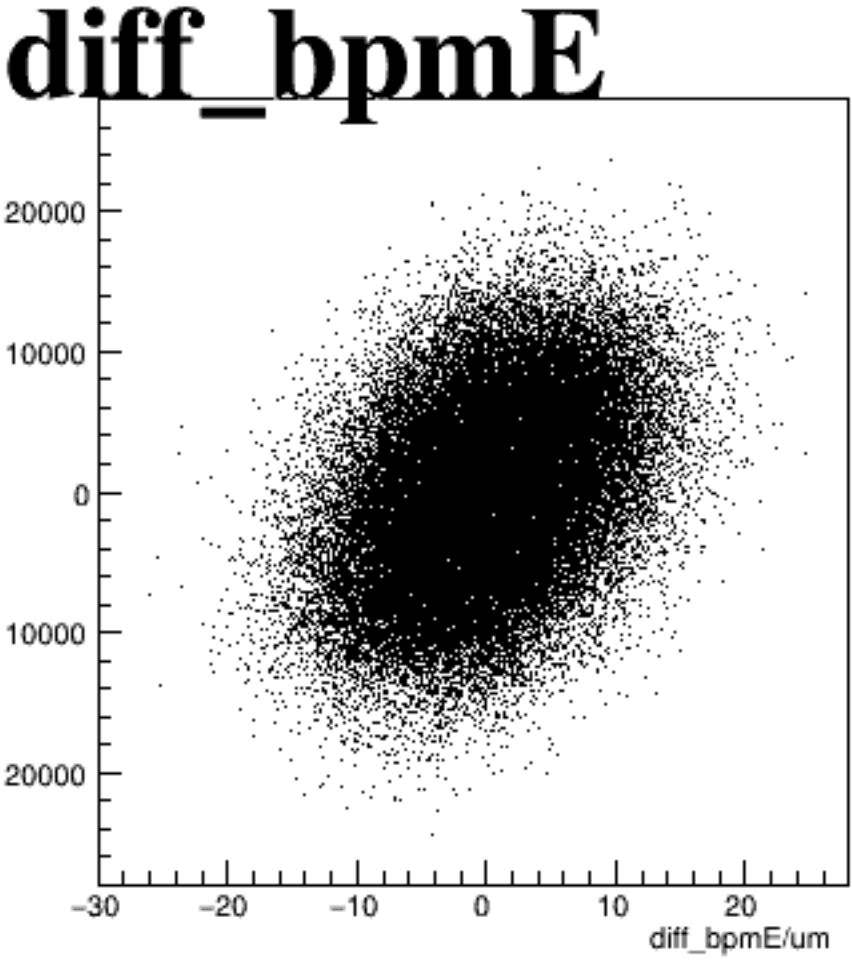
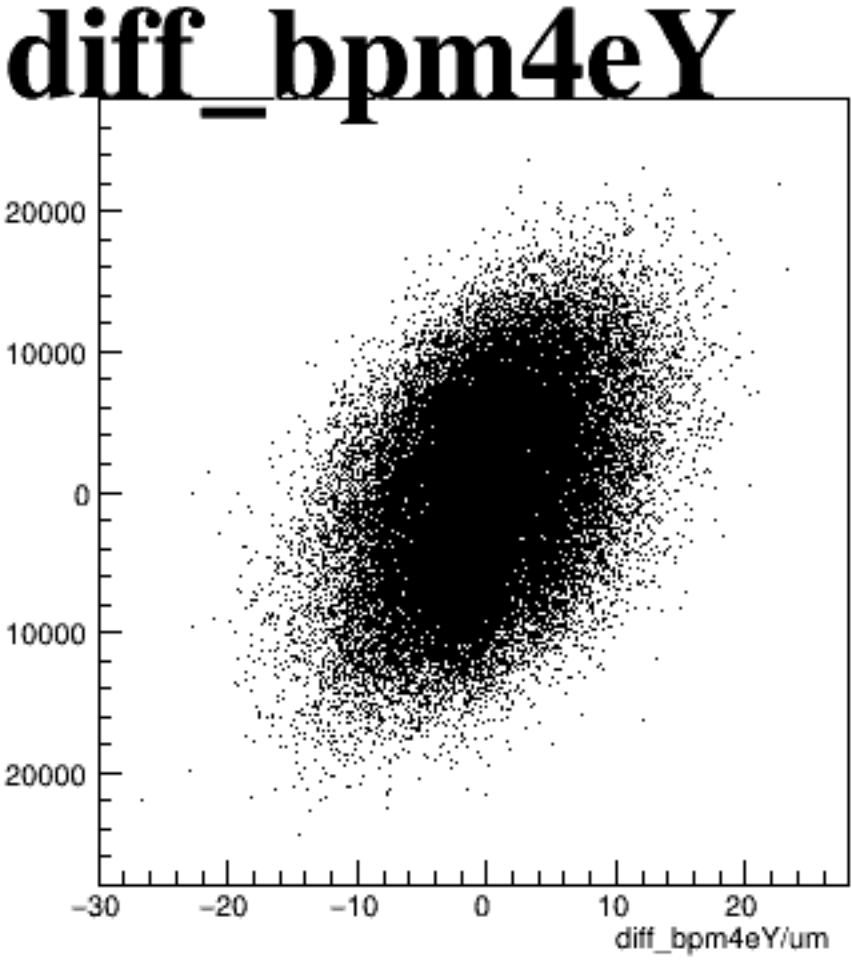
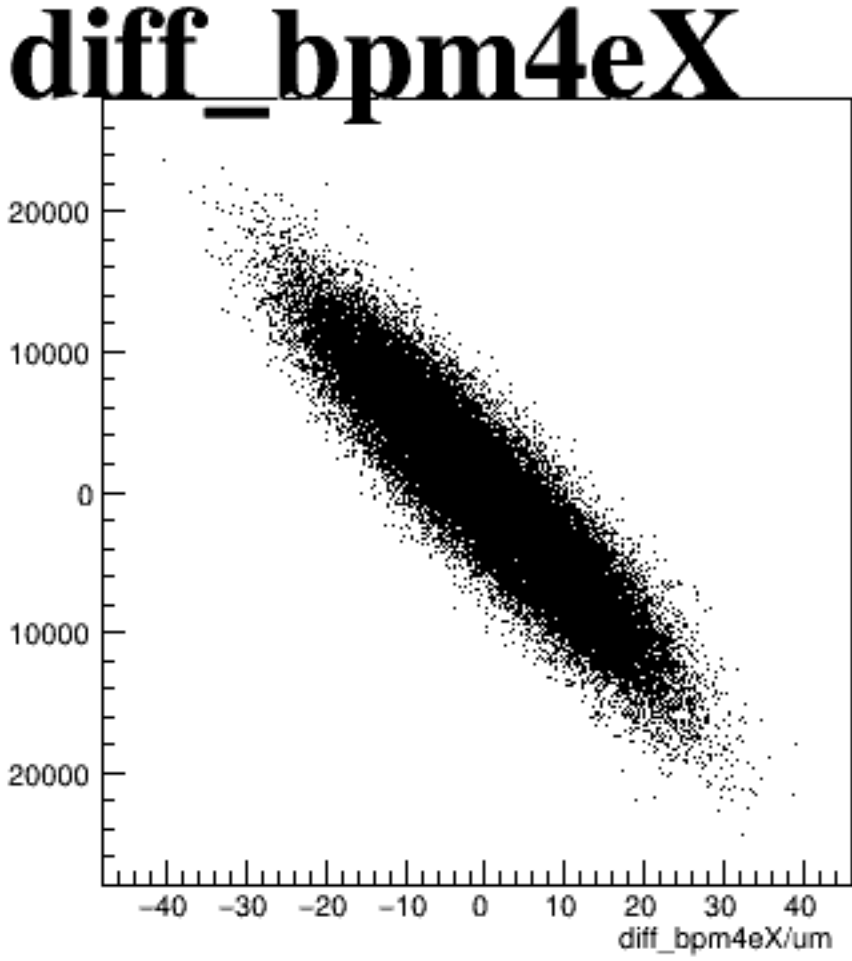
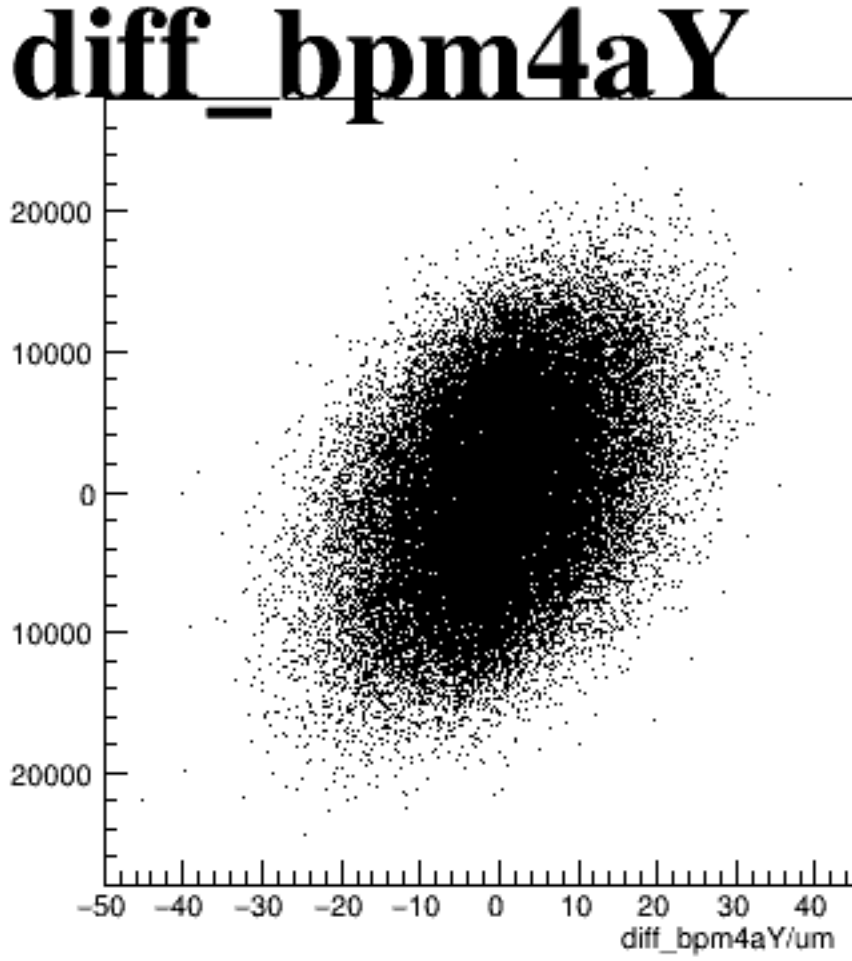
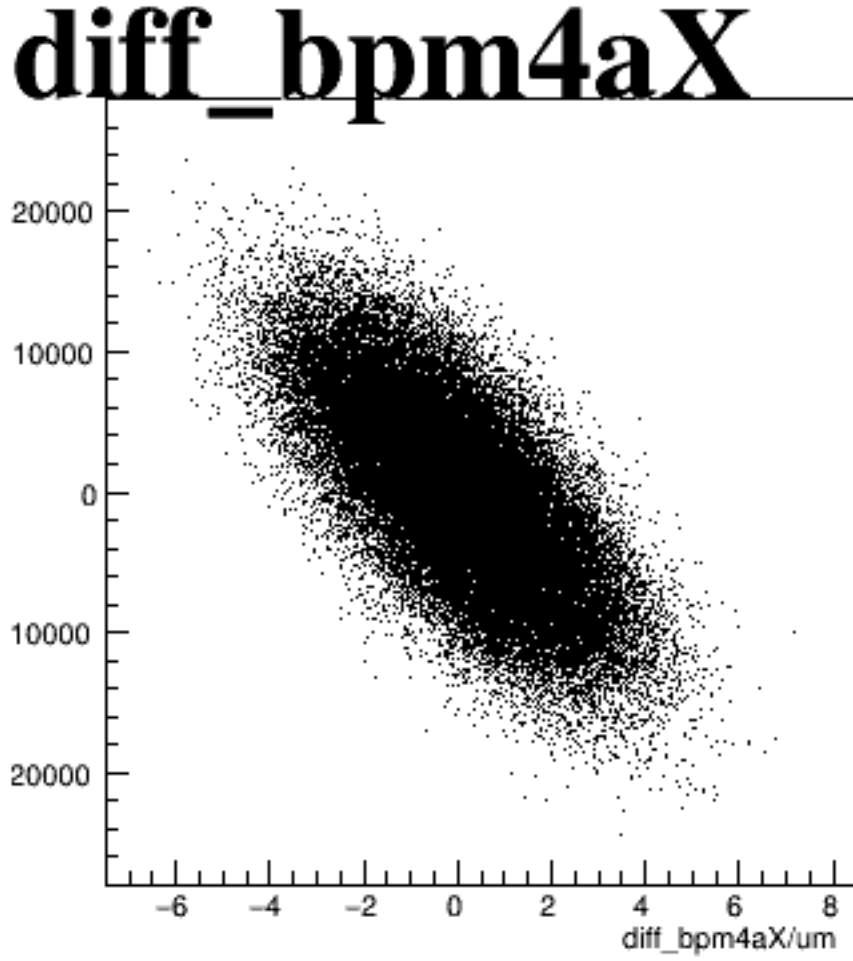
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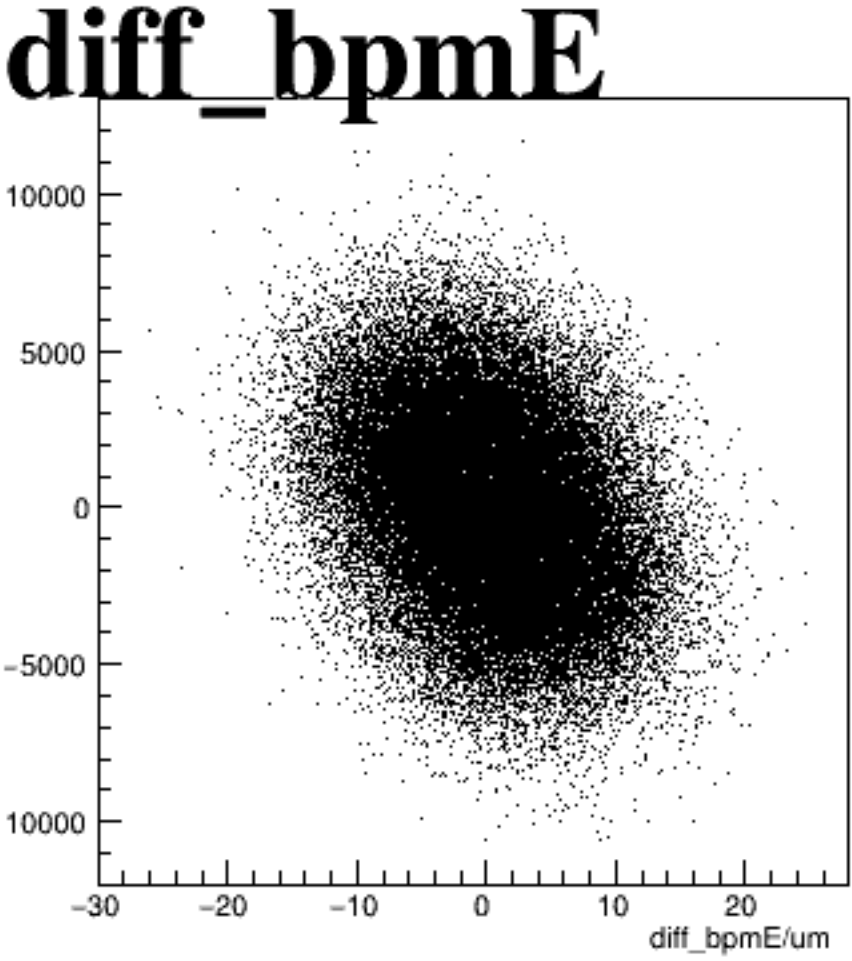
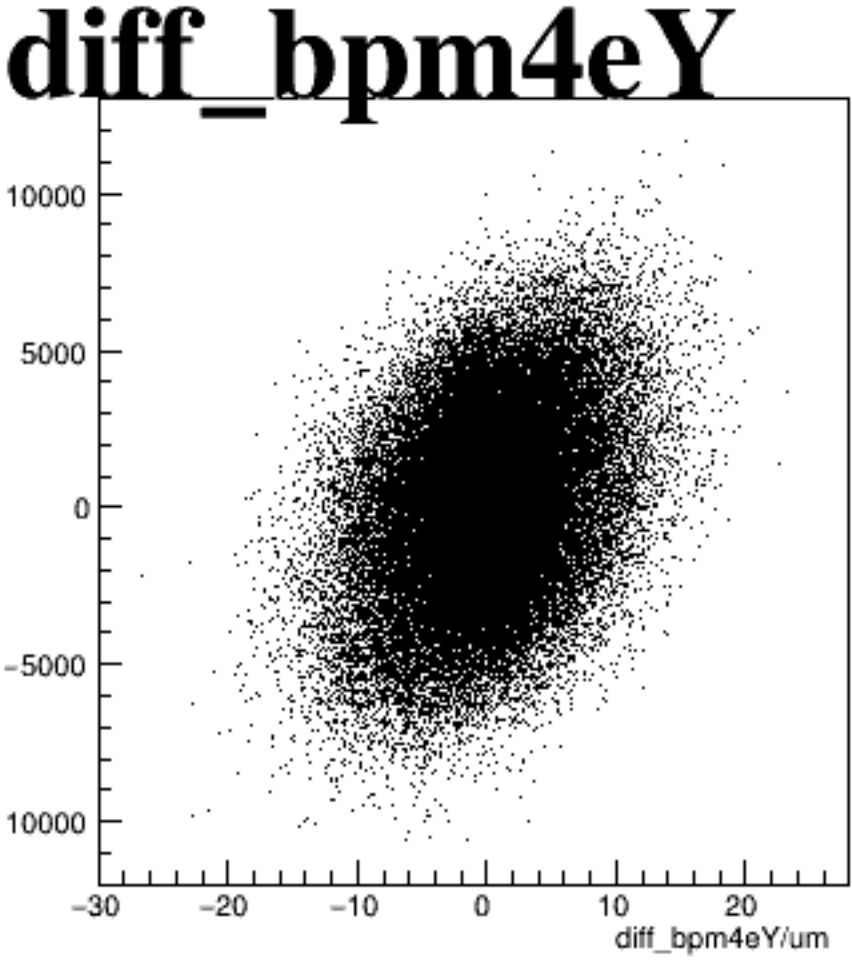
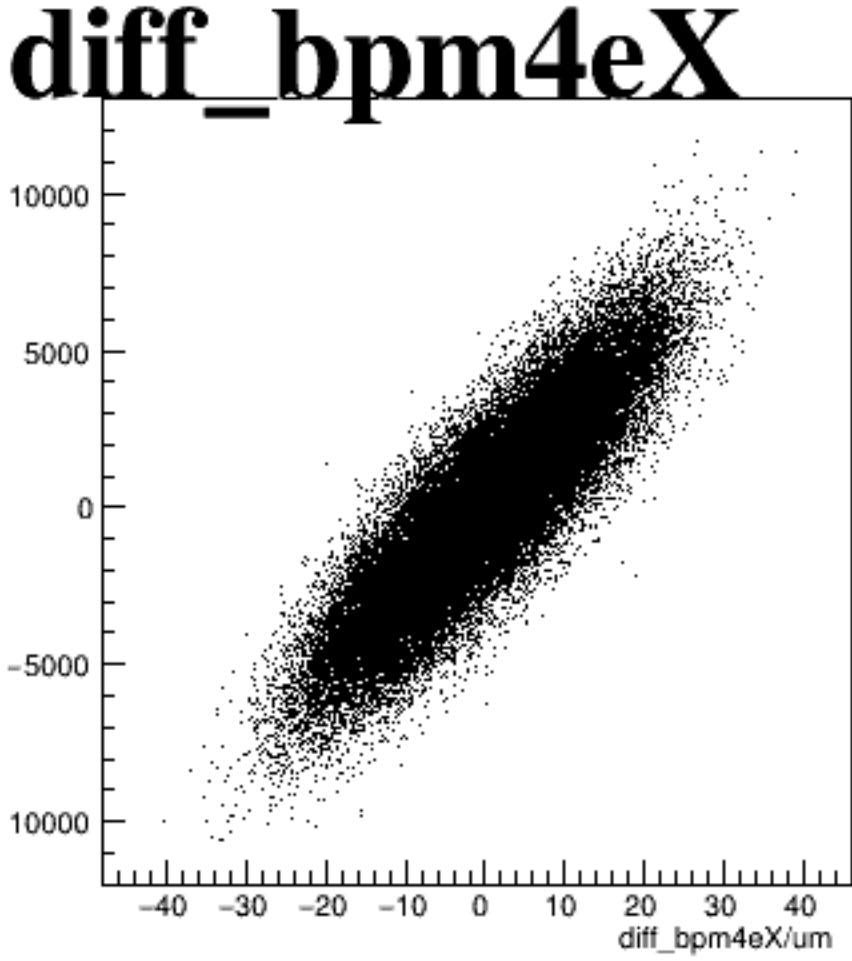
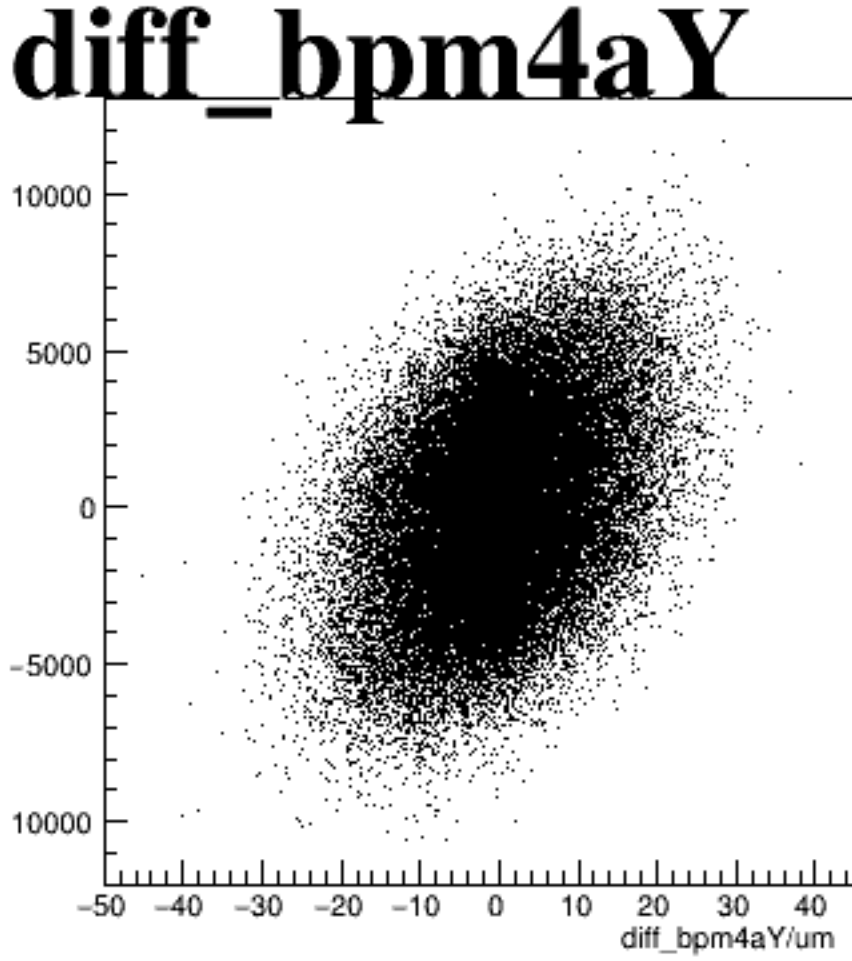
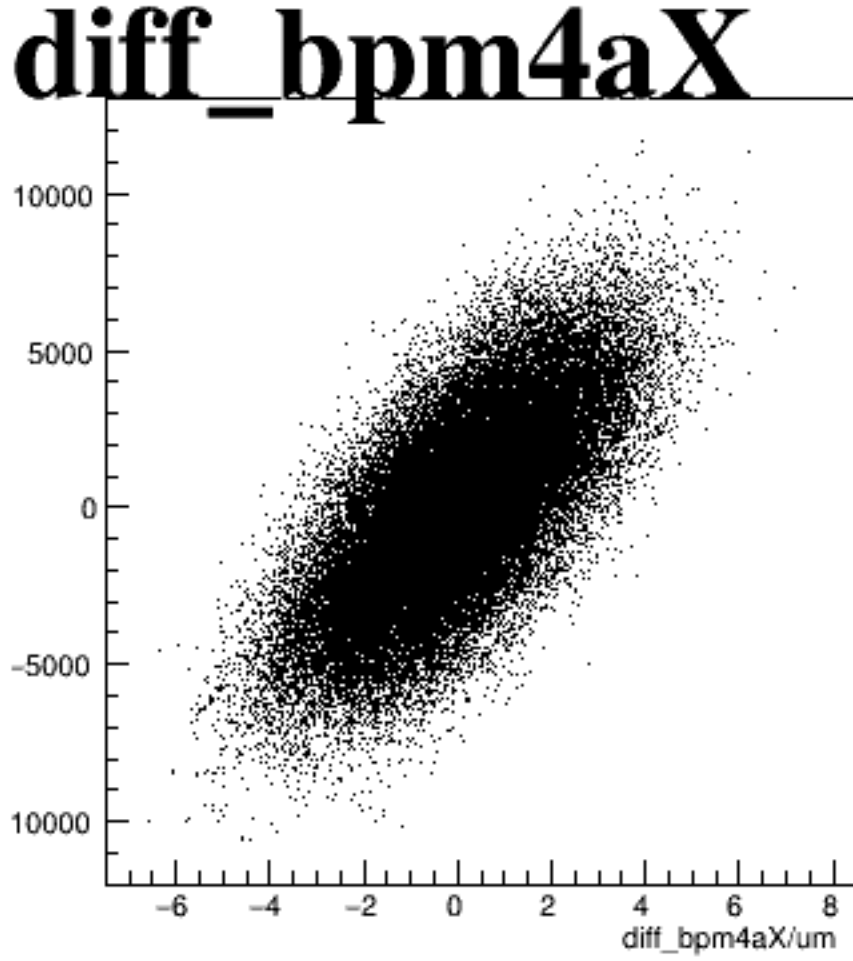
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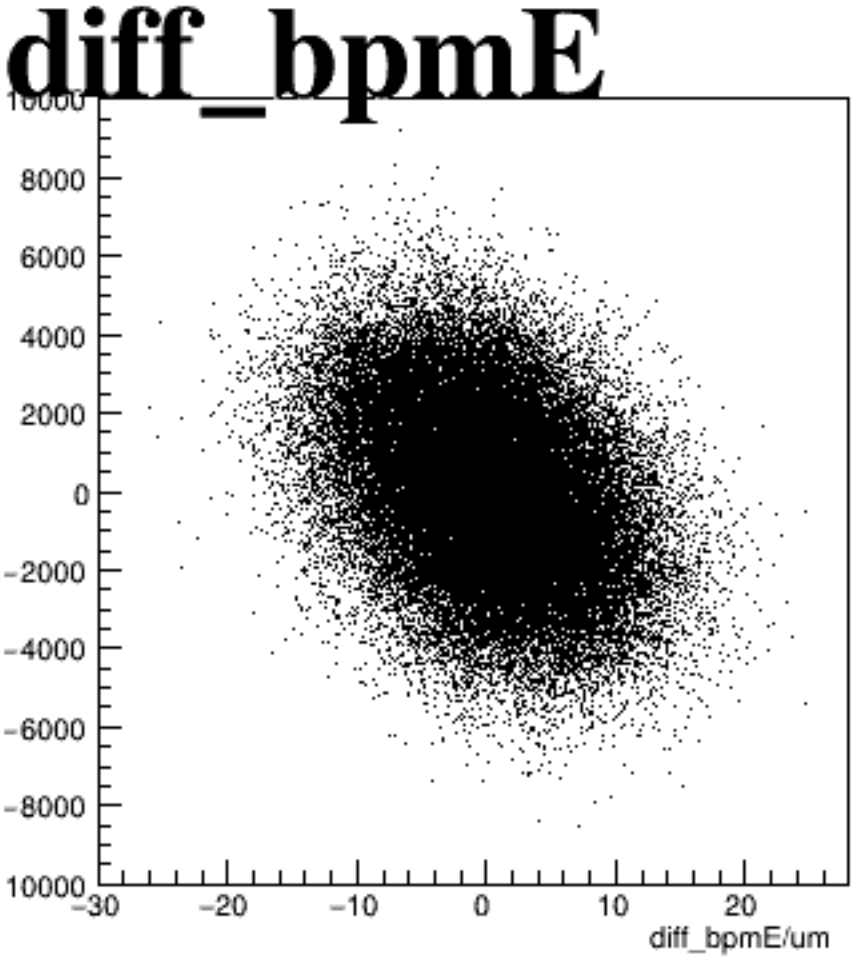
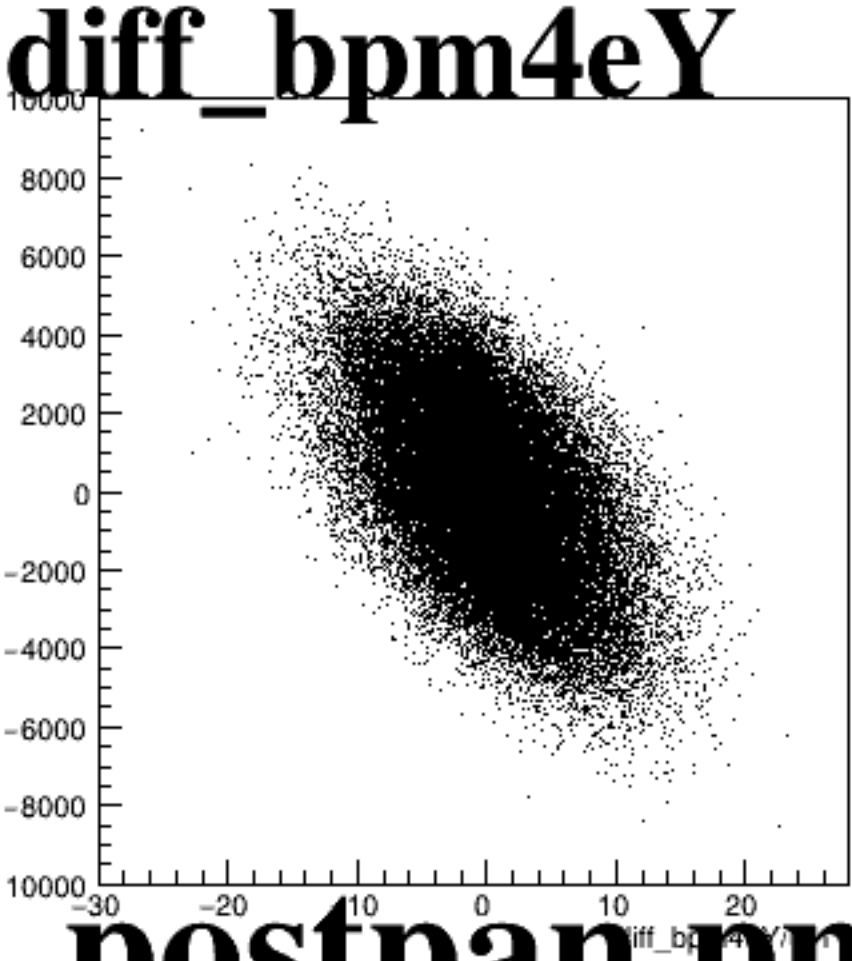
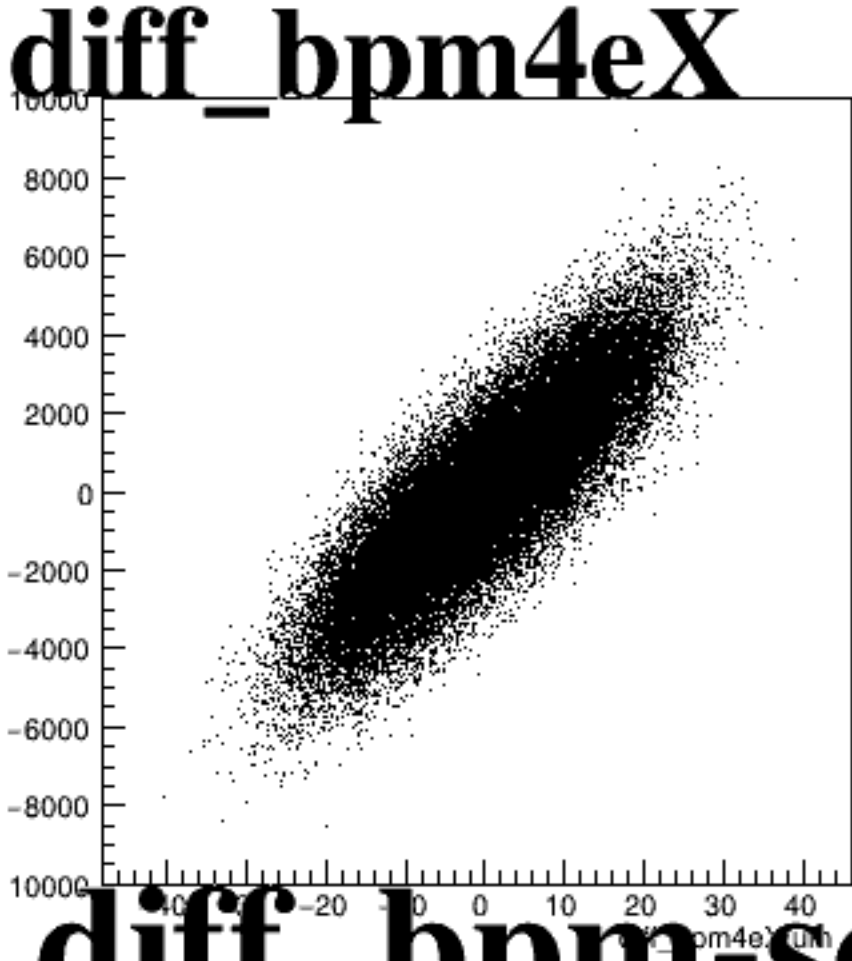
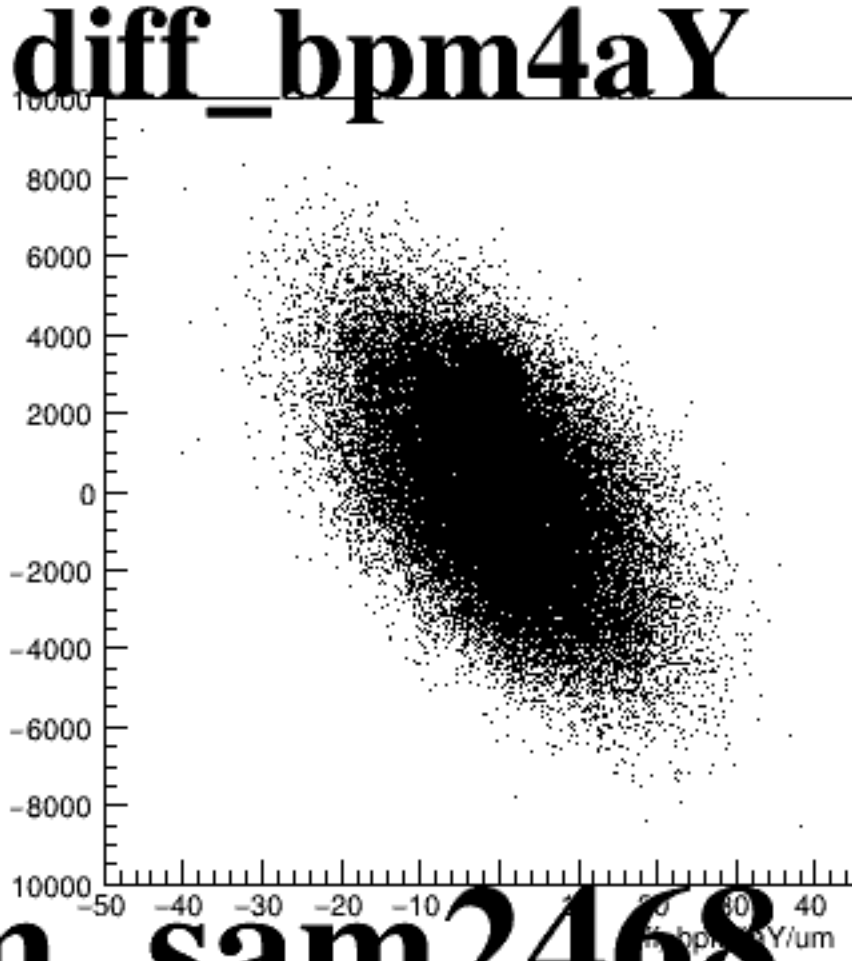
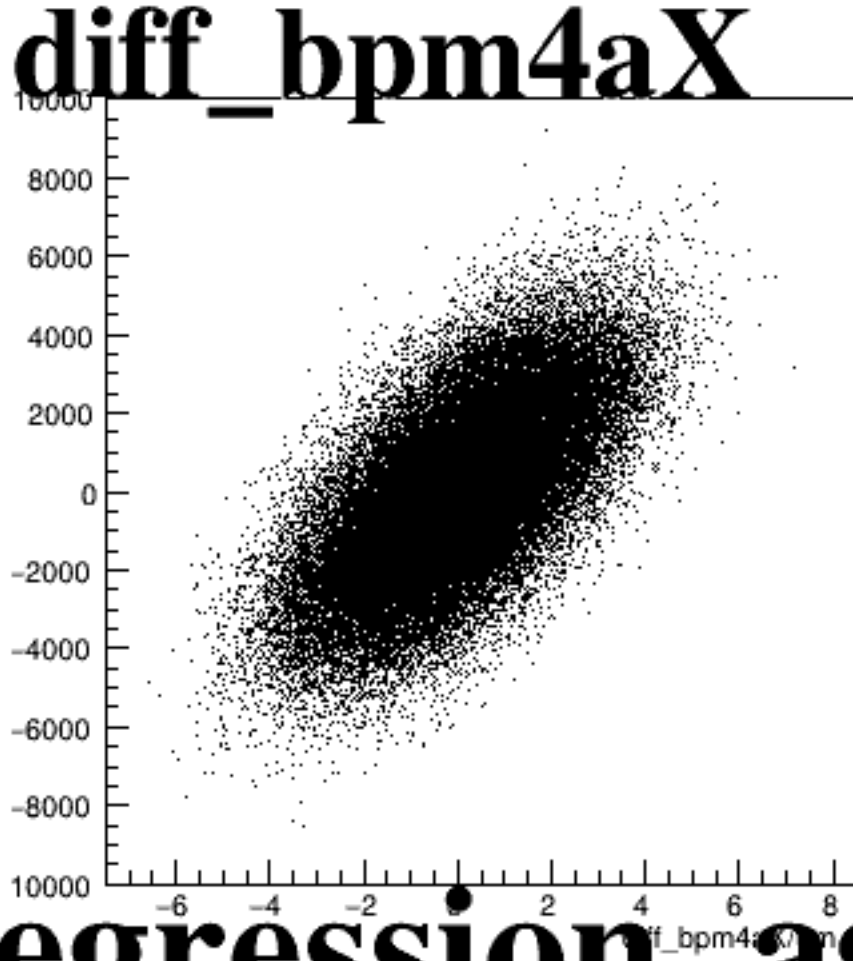
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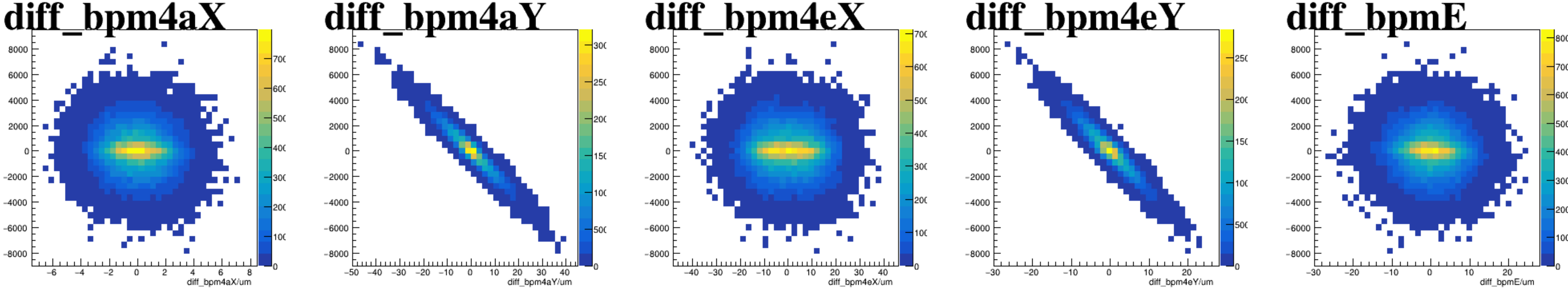
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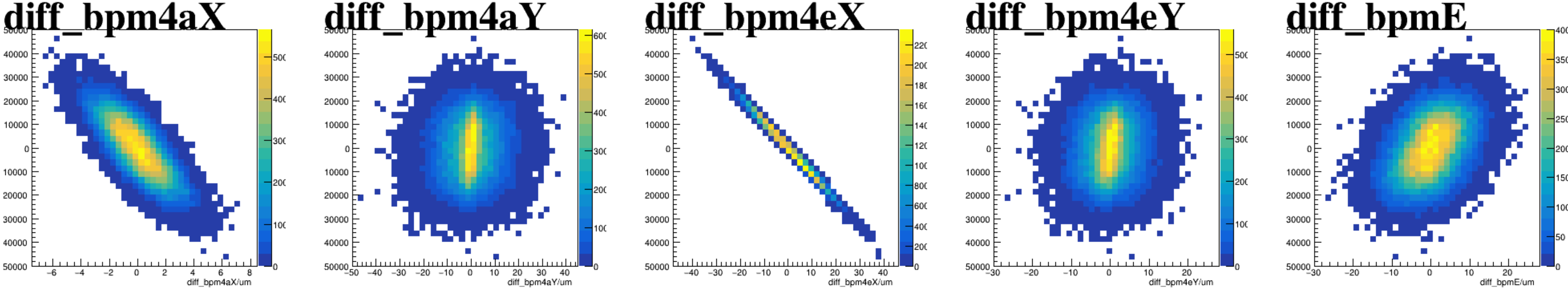
The figure consists of five scatter plots arranged horizontally, each showing the distribution of diffraction orders for a different beam parameter. The y-axis for all plots is labeled 'diff_bpm' and ranges from -10000 to 10000. The x-axis for each plot is labeled 'diff_bpmX/um' or 'diff_bpmY/um' and ranges from -50 to 50. The distributions are roughly circular and centered around (0,0).

- diff_bpm4aX**: The x-axis ranges from -6 to 8.
- diff_bpm4aY**: The x-axis ranges from -50 to 40.
- diff_bpm4eX**: The x-axis ranges from -40 to 40.
- diff_bpm4eY**: The x-axis ranges from -30 to 20.
- diff_bpmE**: The x-axis ranges from -30 to 10.

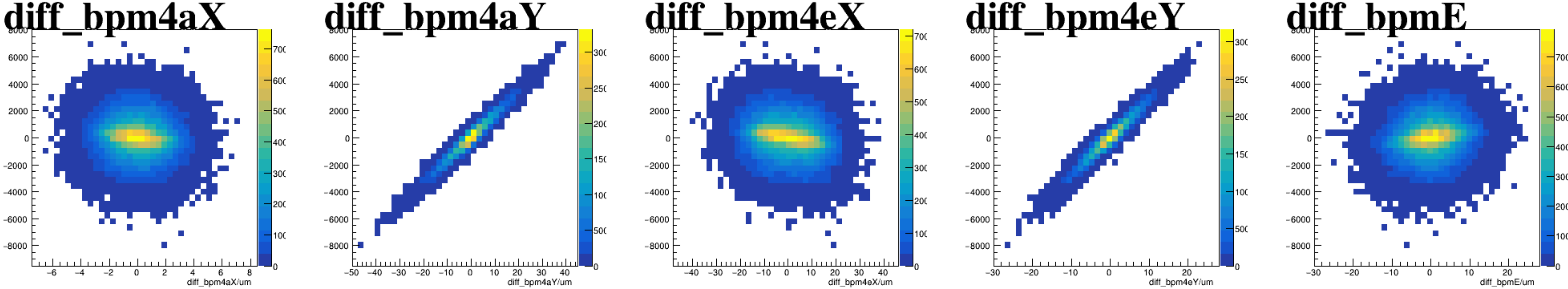
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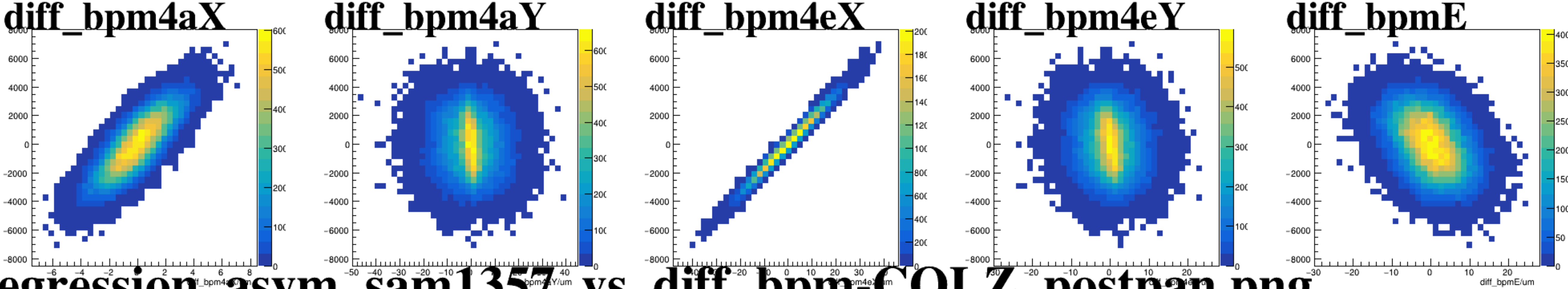
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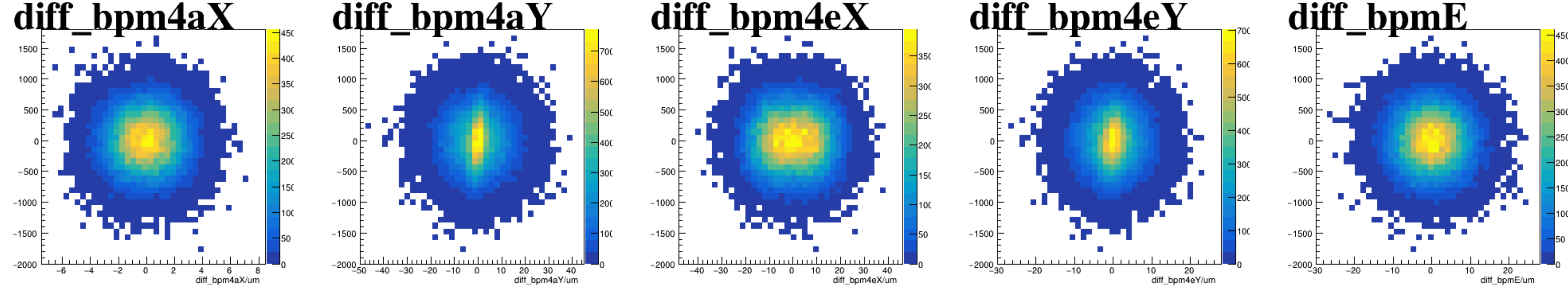
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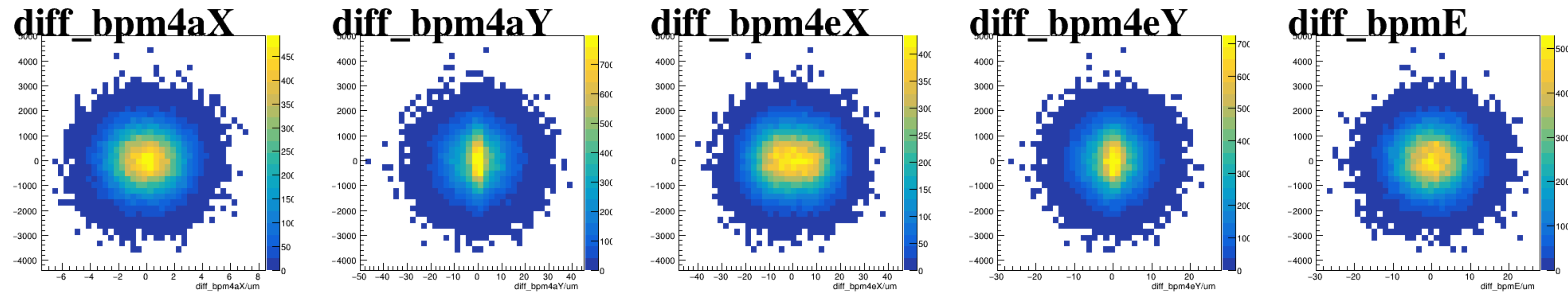
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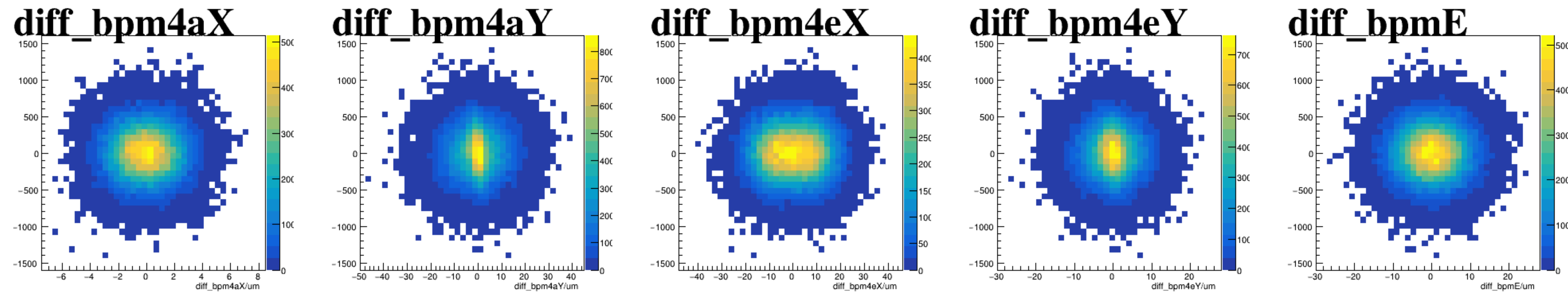
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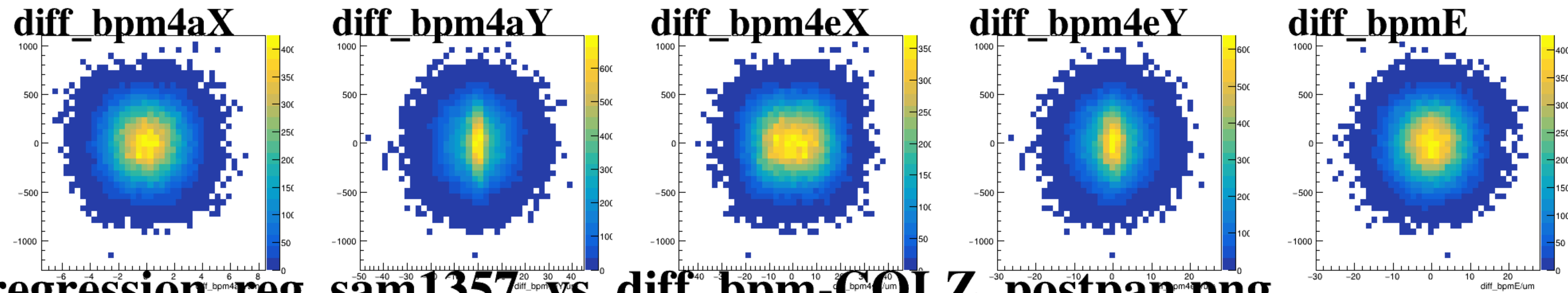
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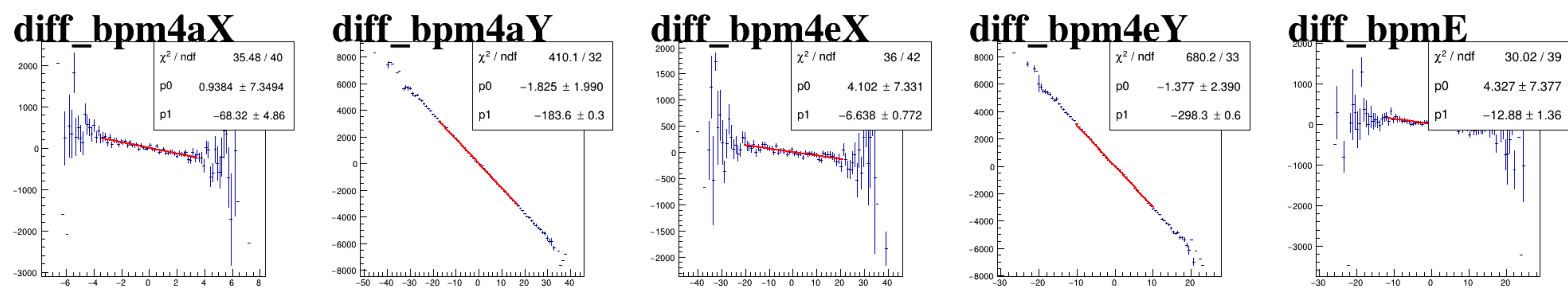
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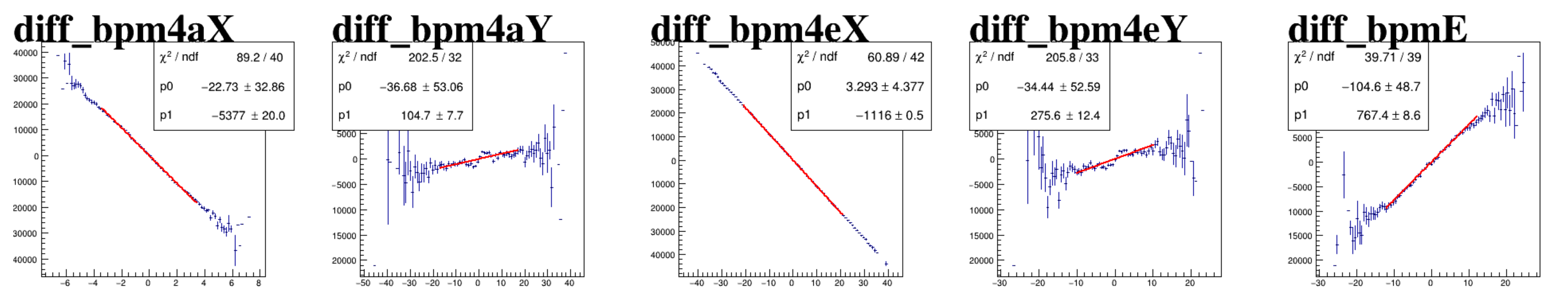
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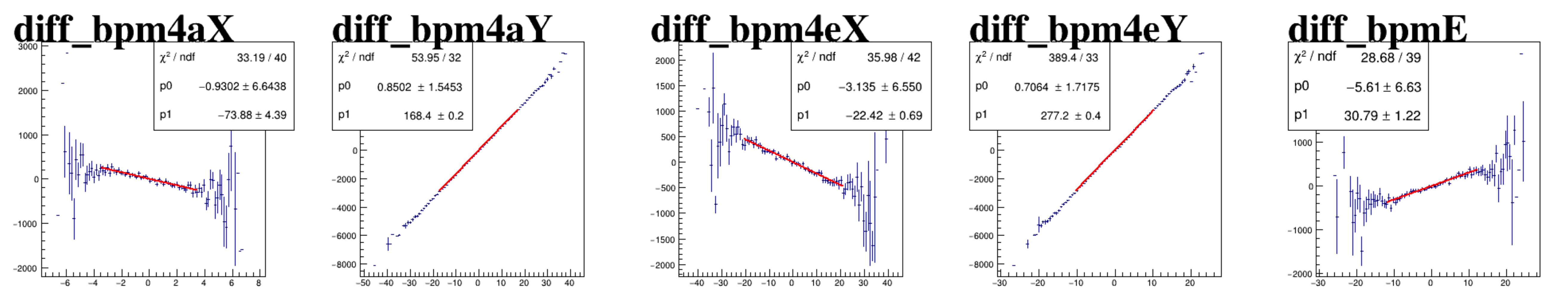
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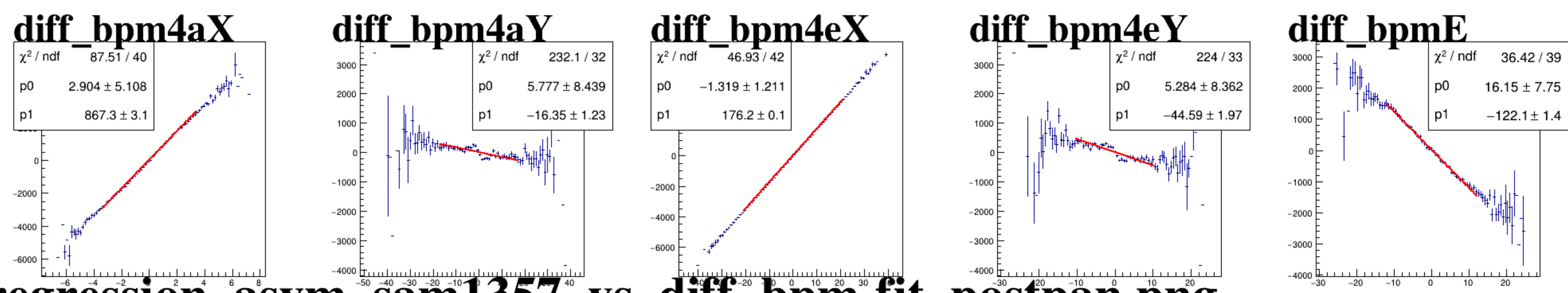
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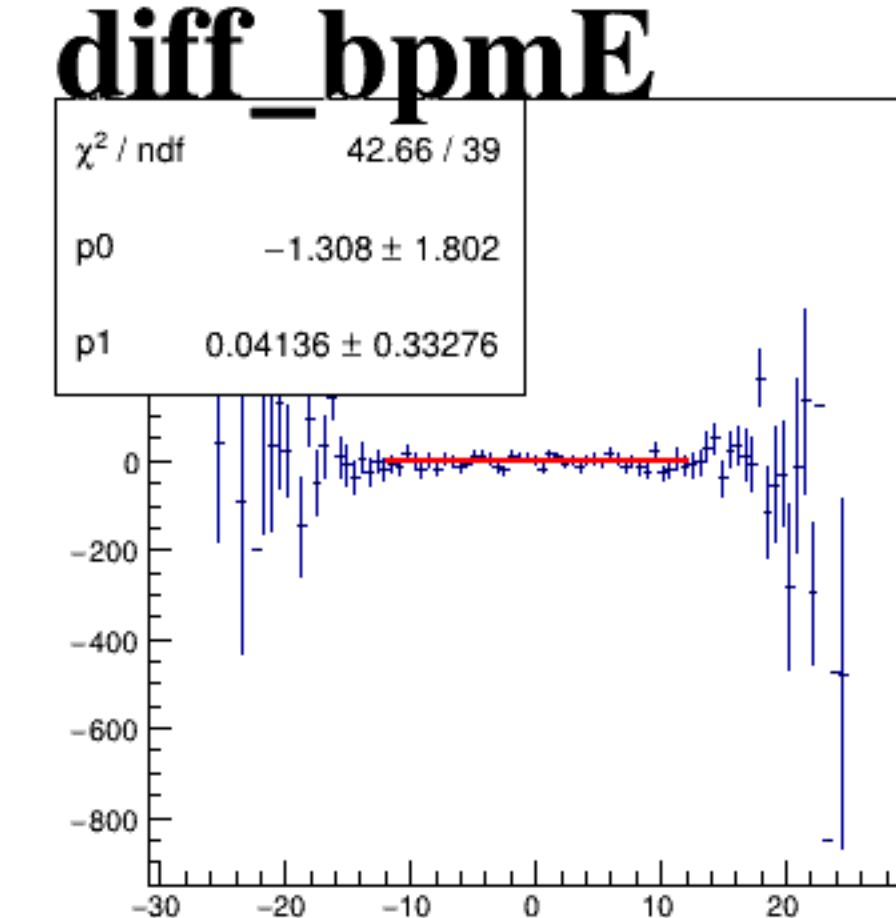
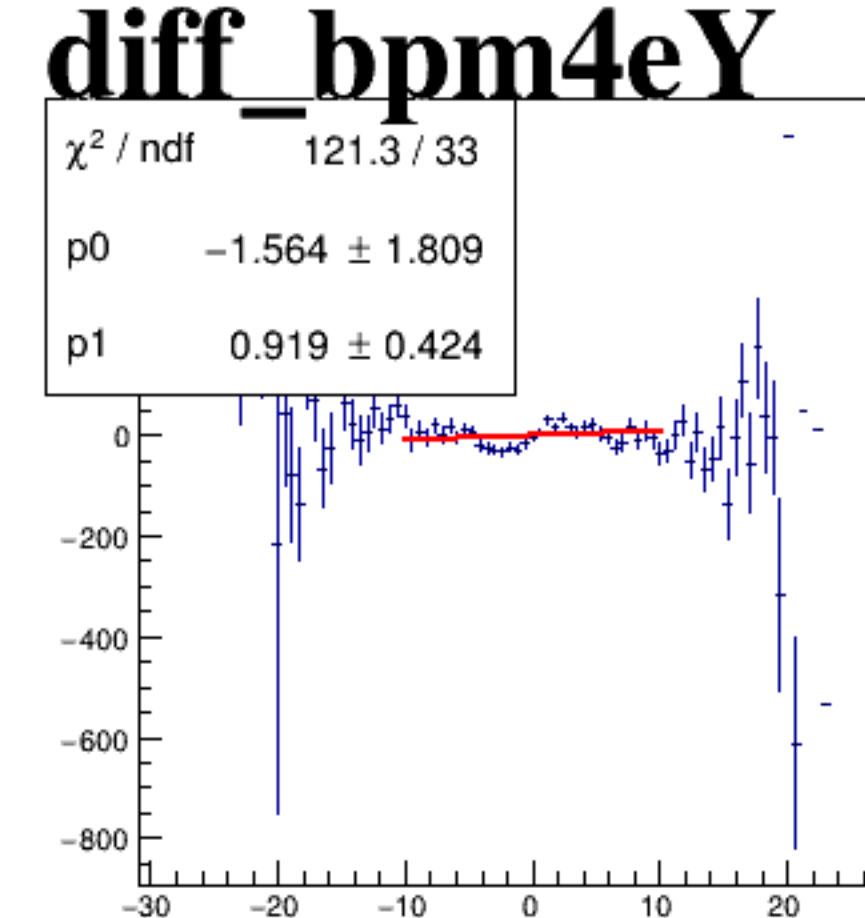
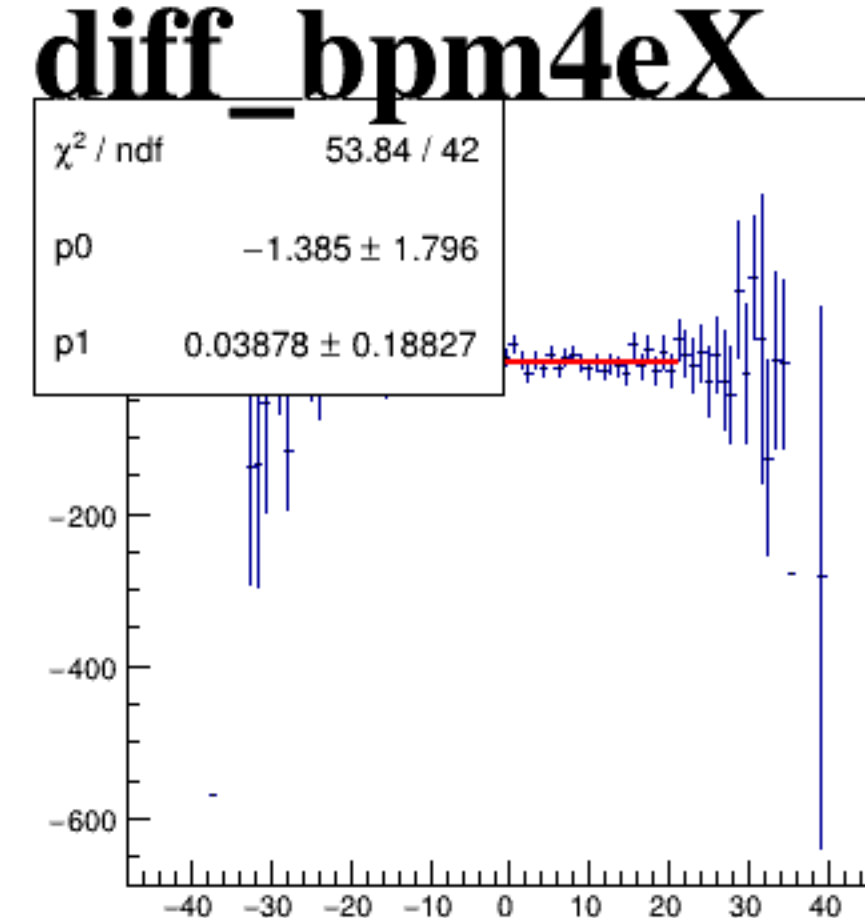
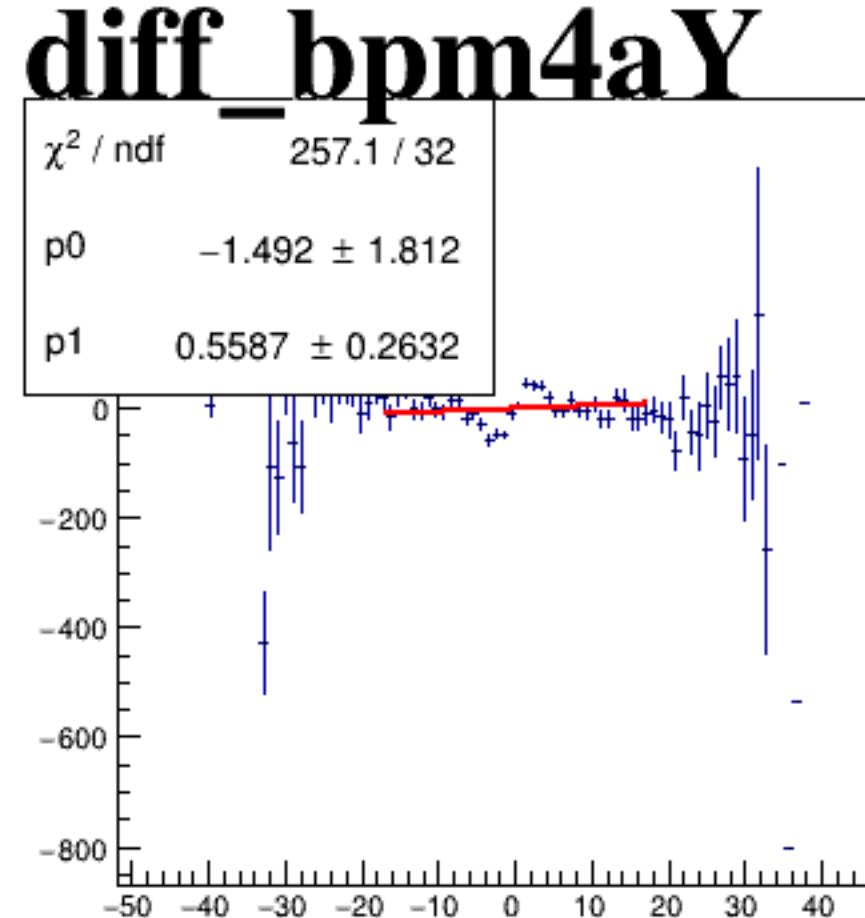
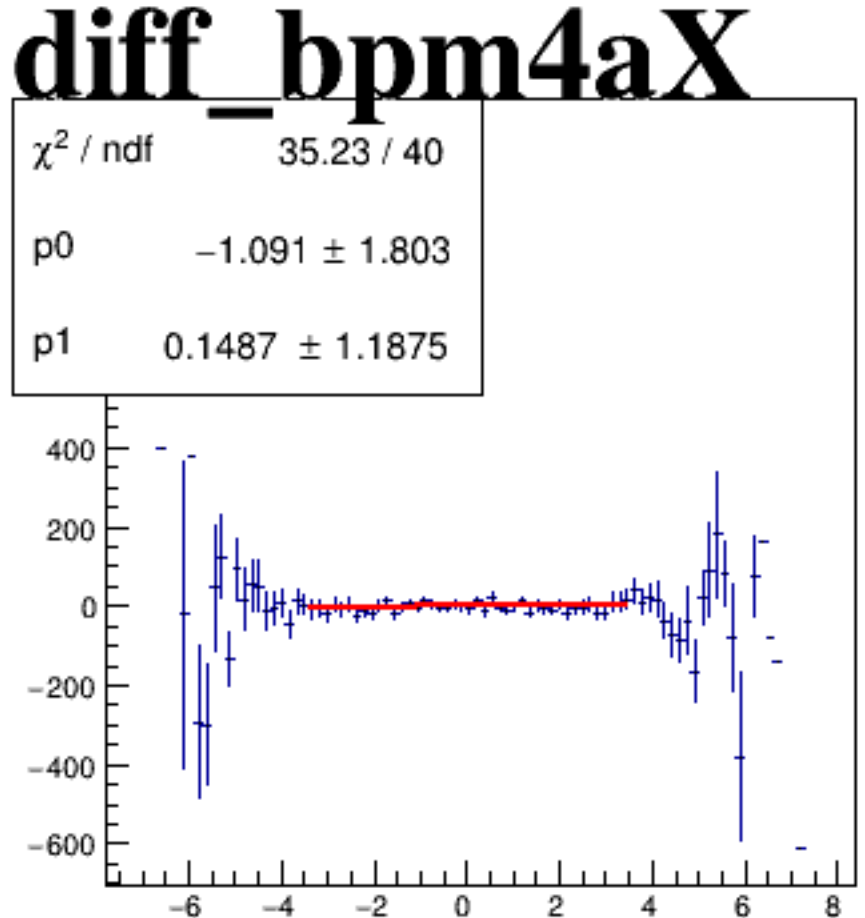
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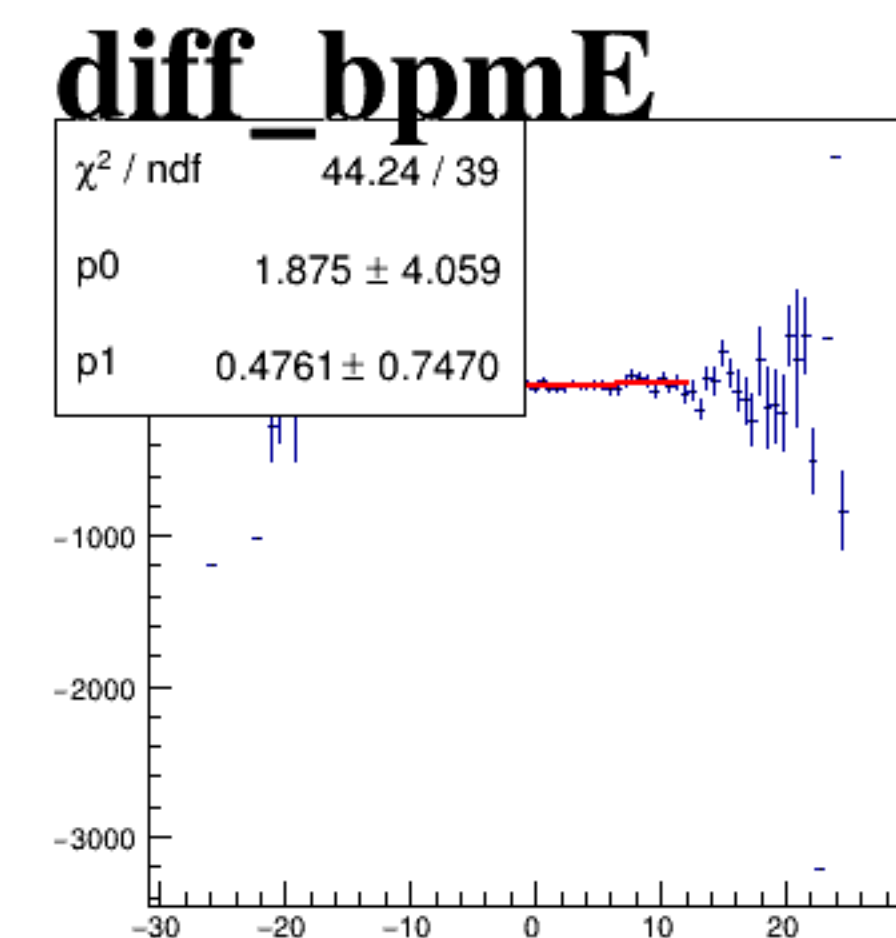
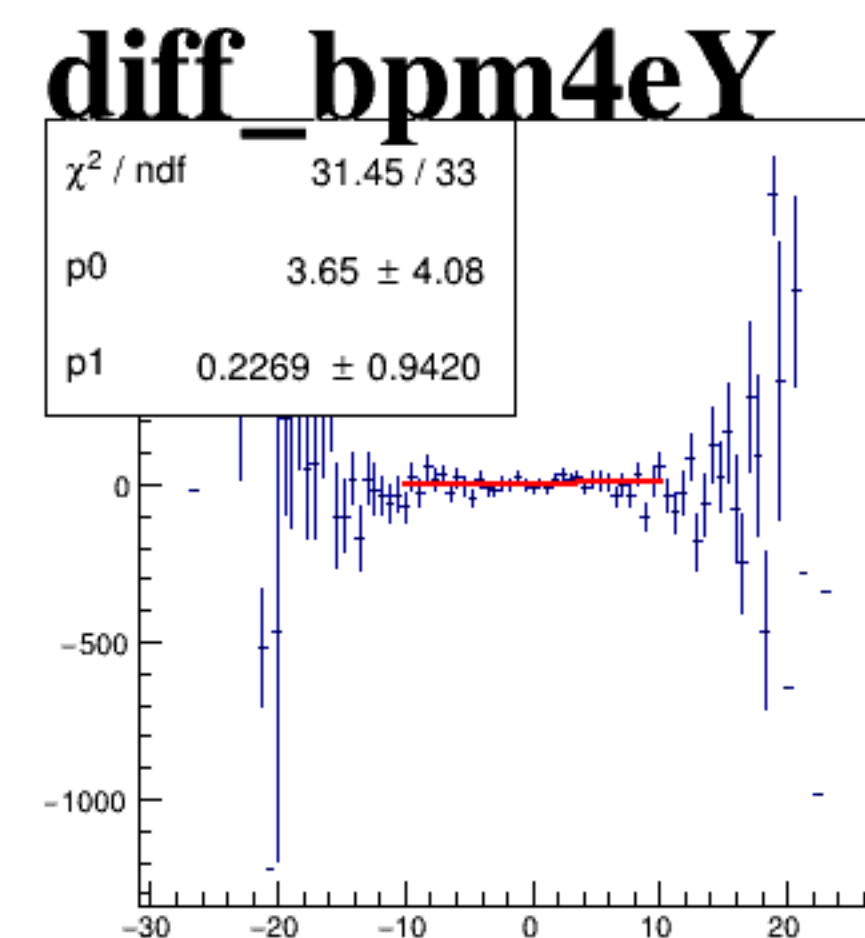
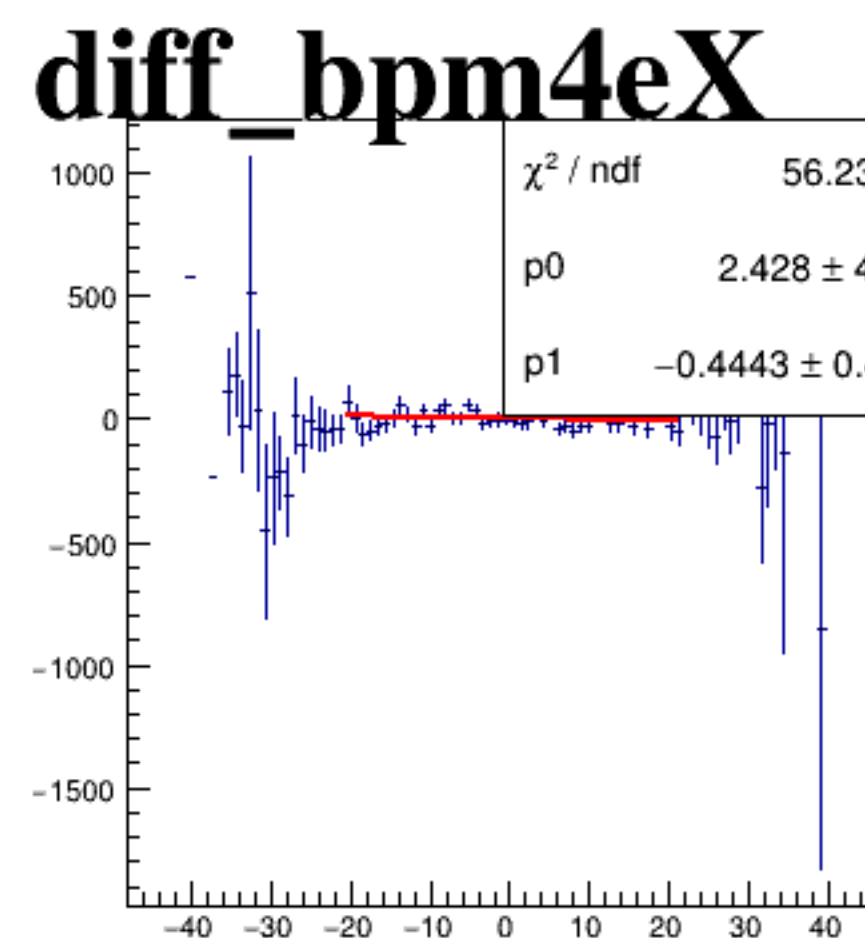
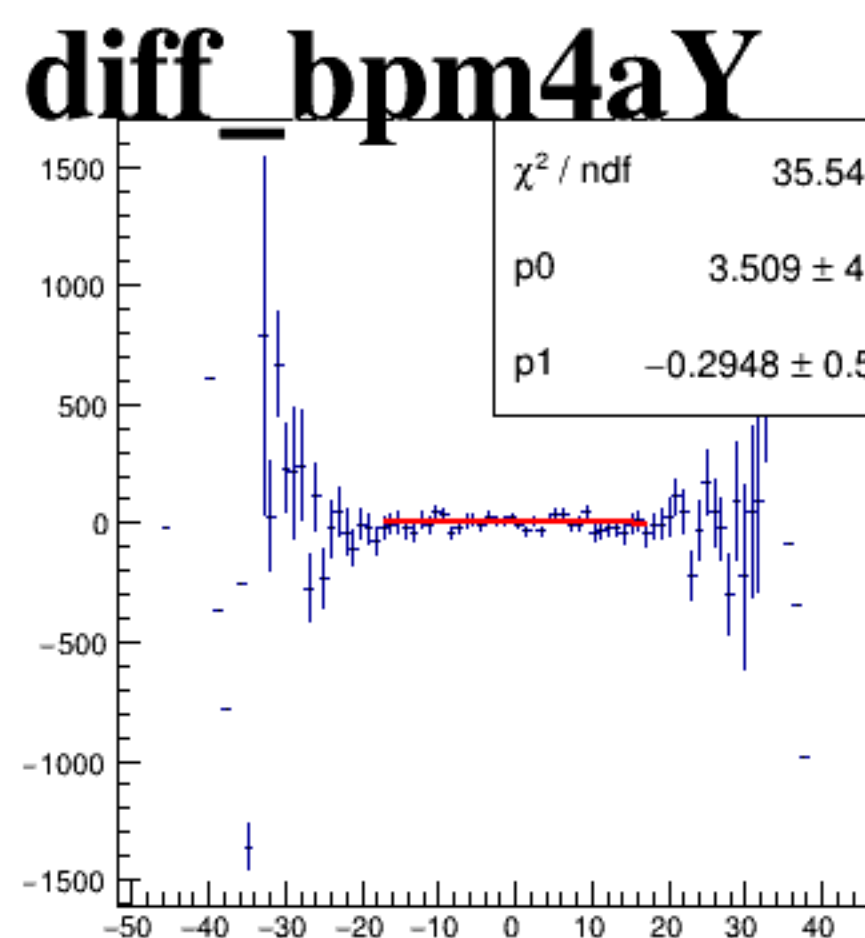
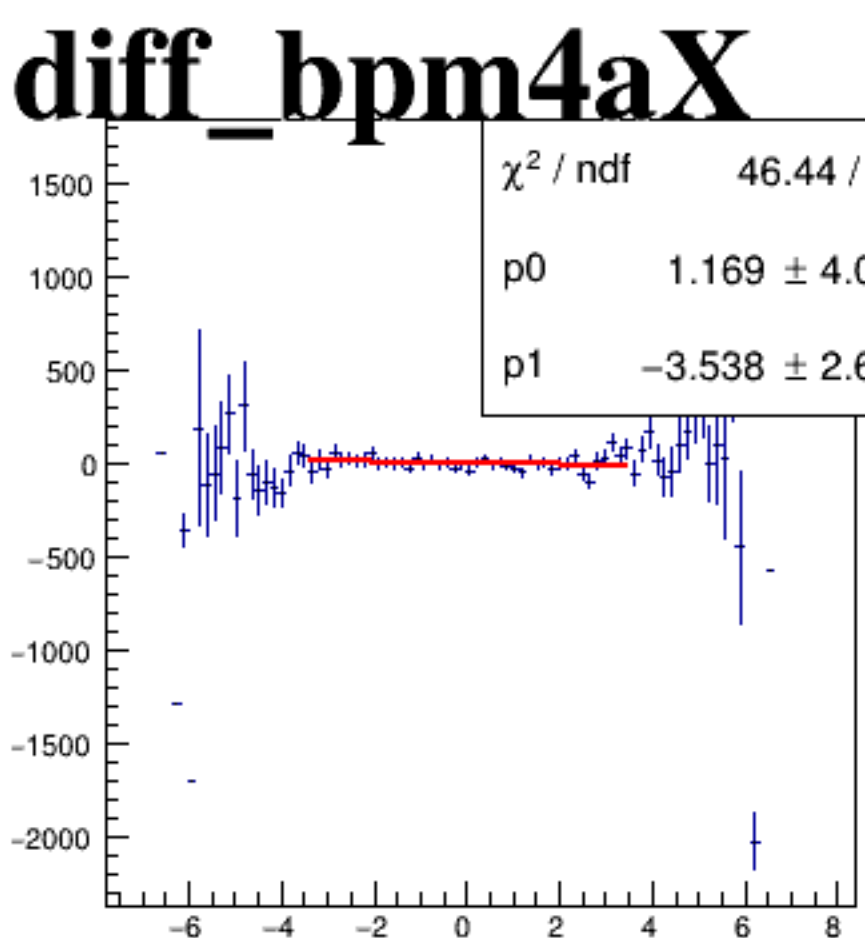
asym_sam7



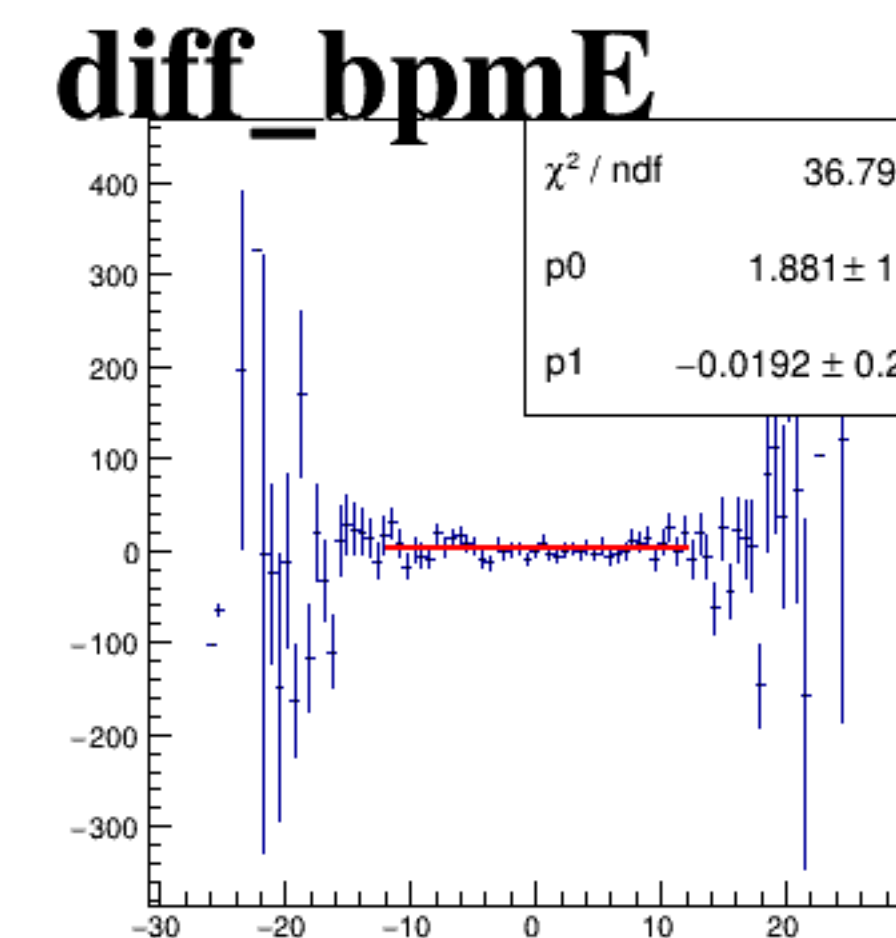
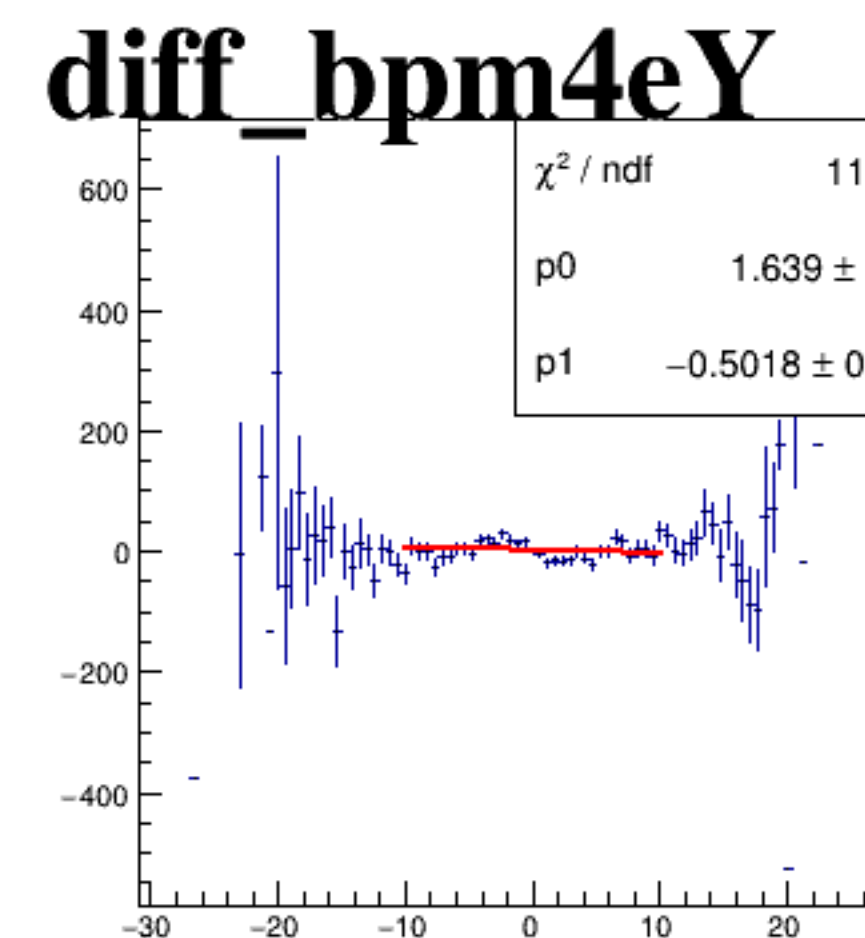
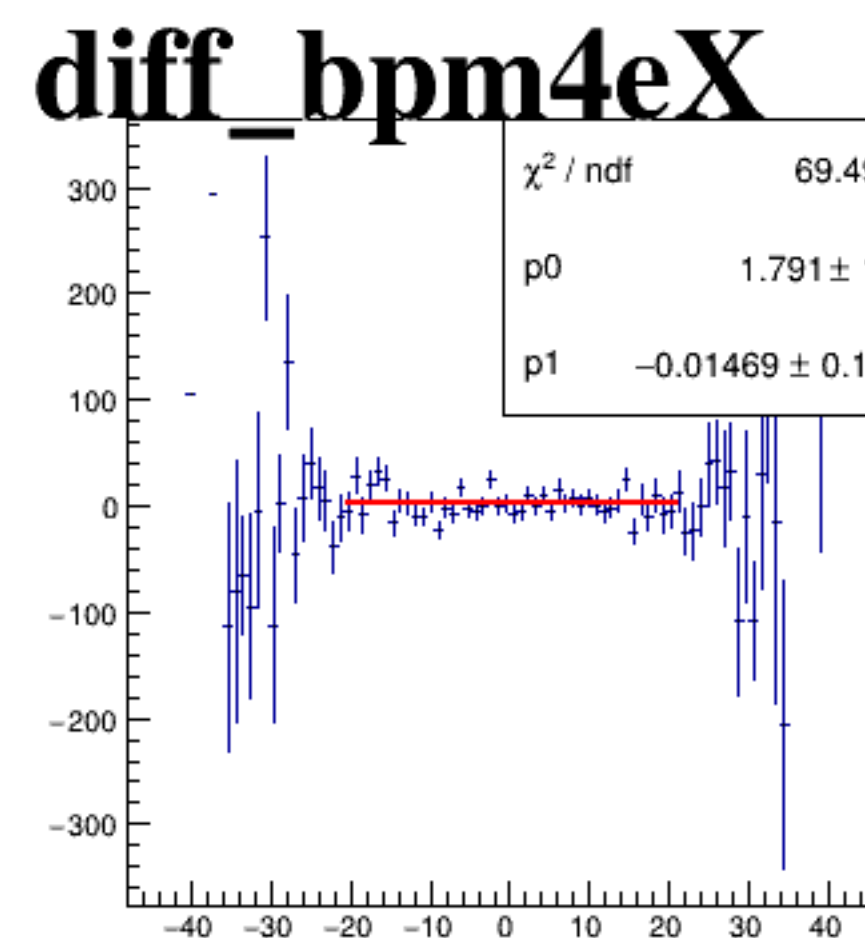
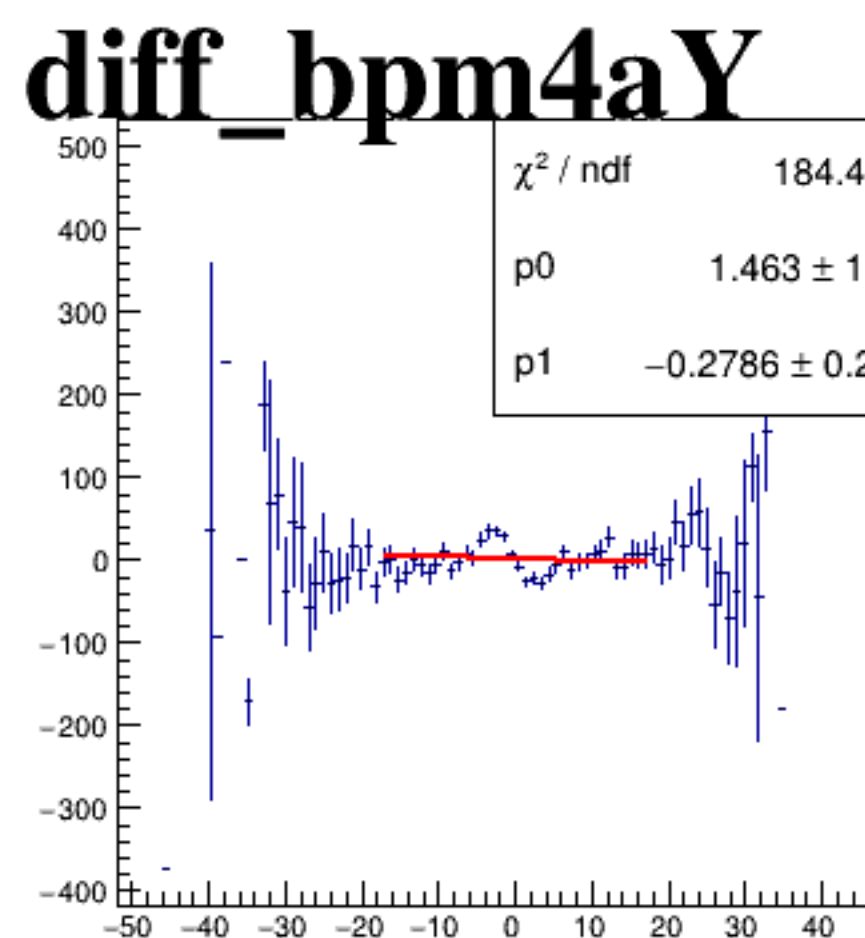
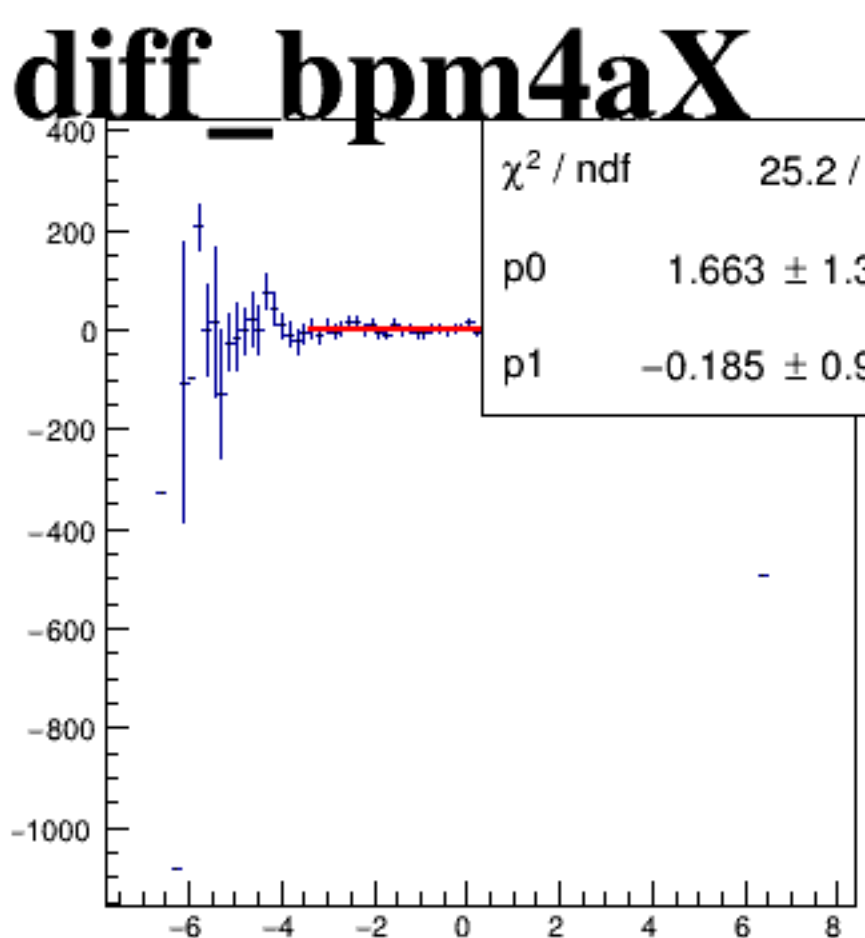
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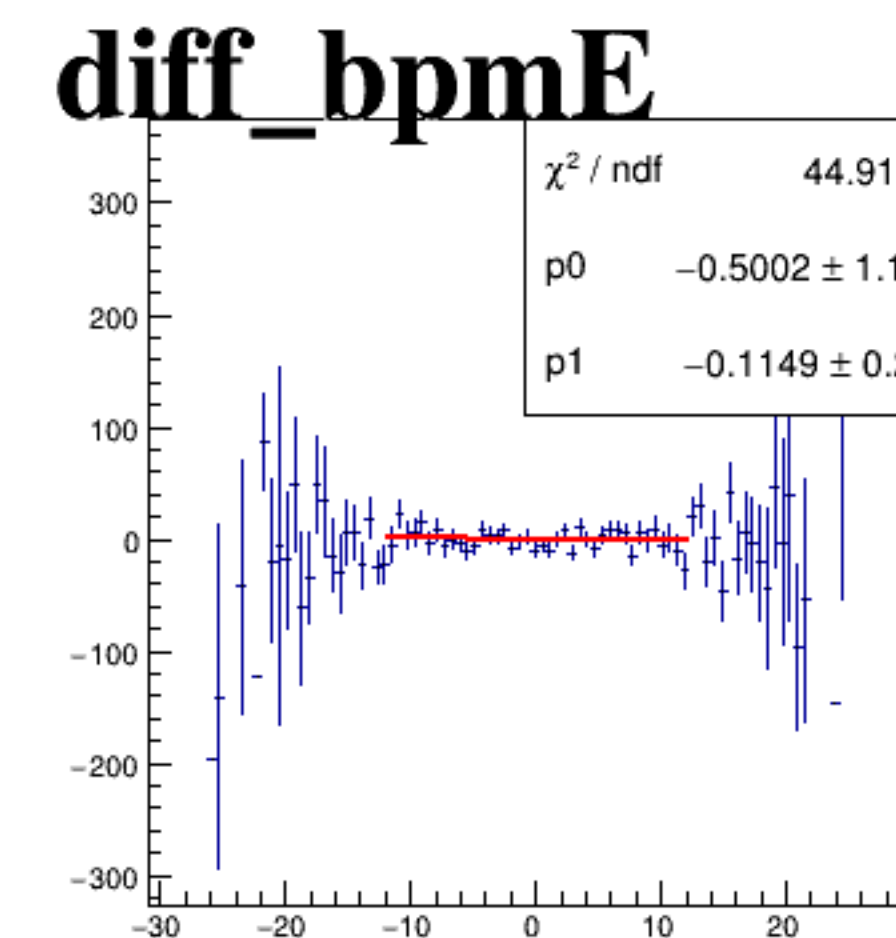
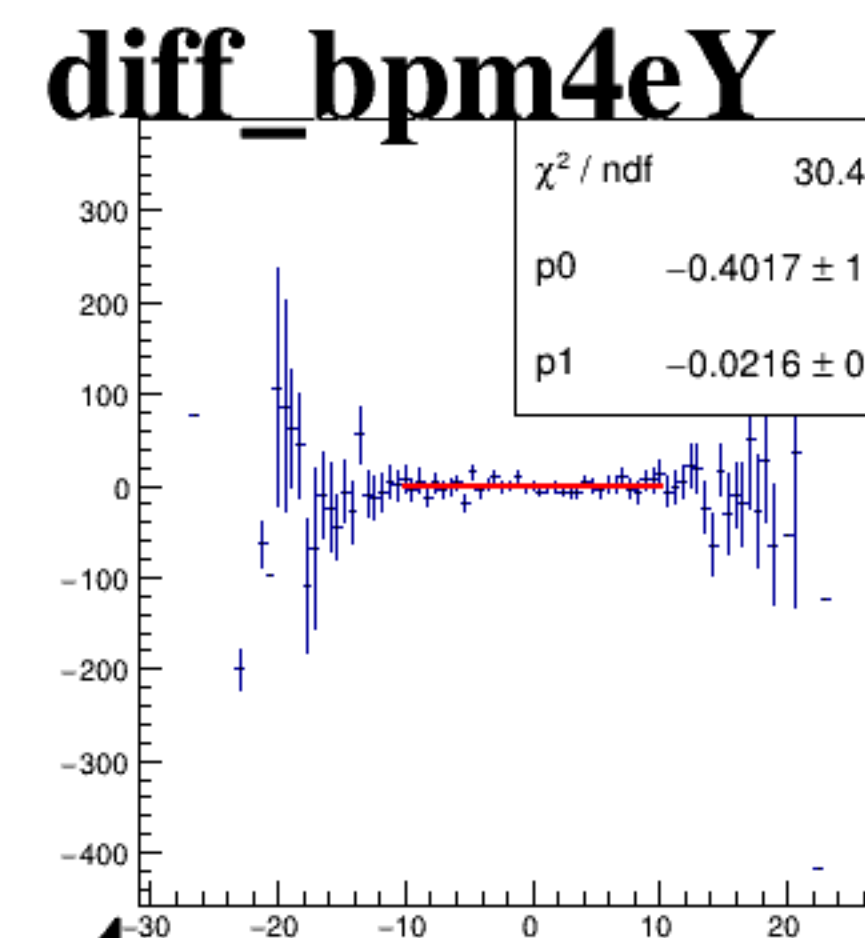
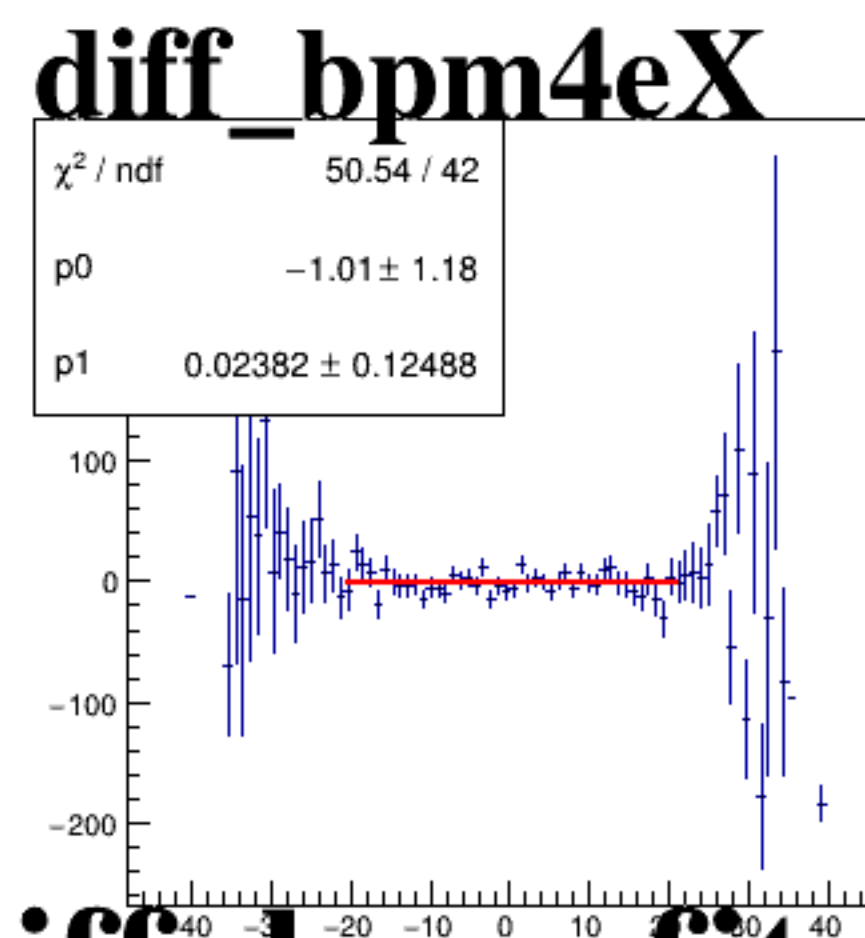
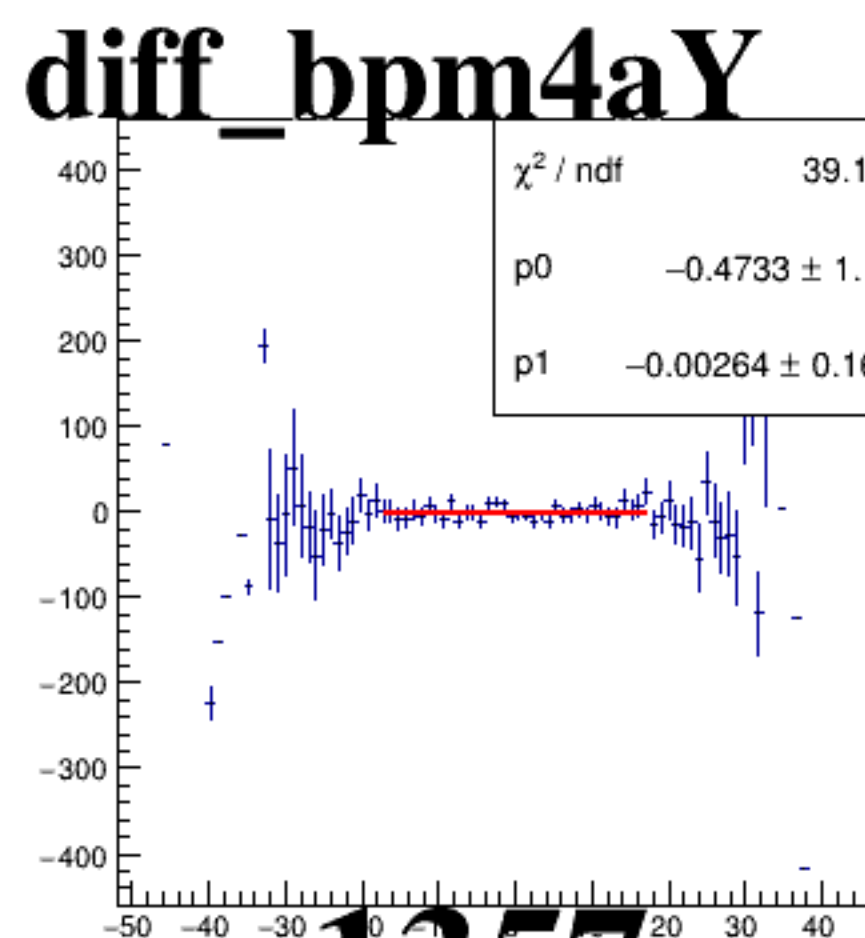
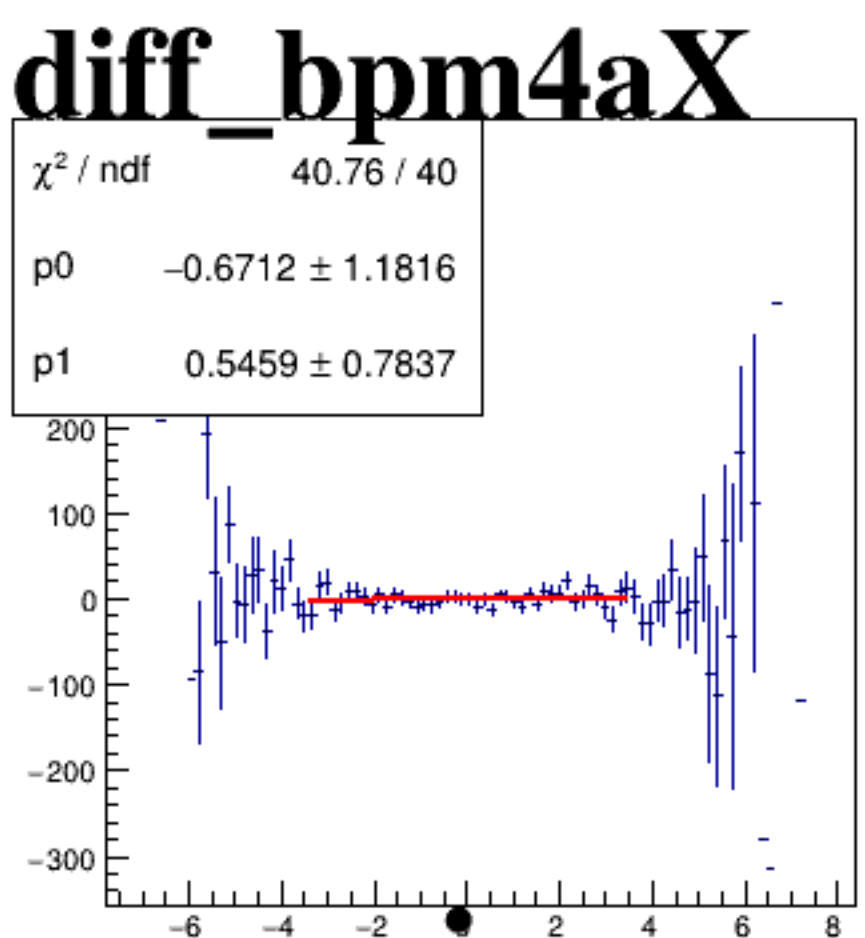
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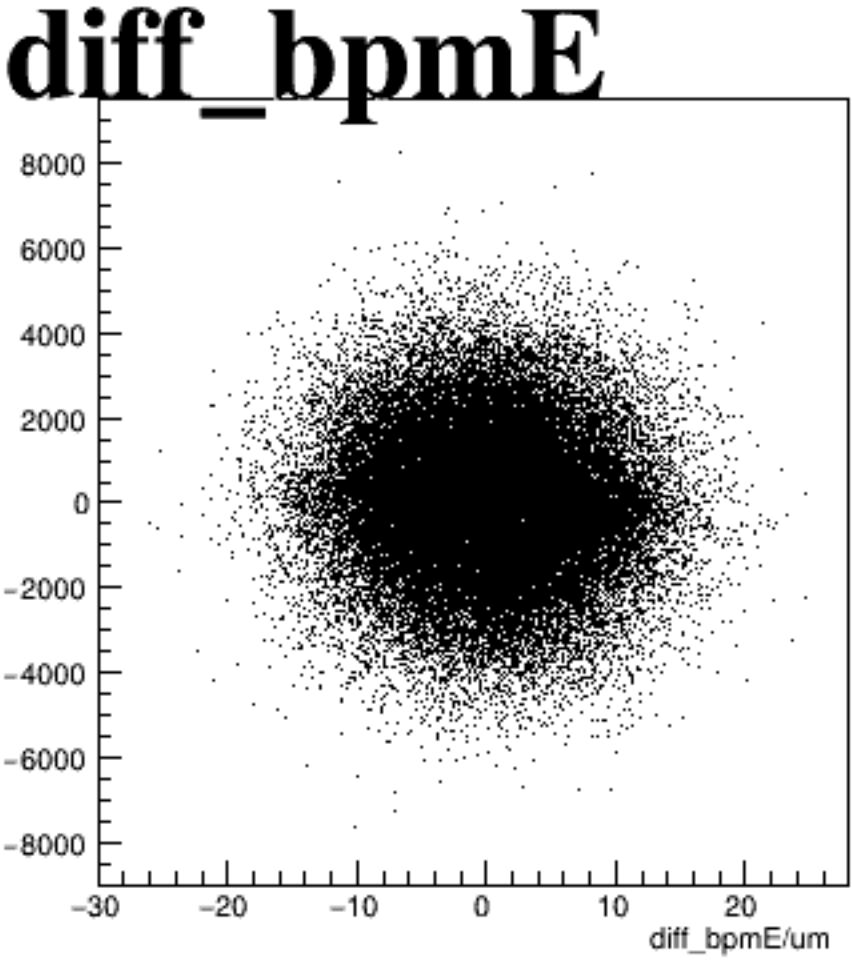
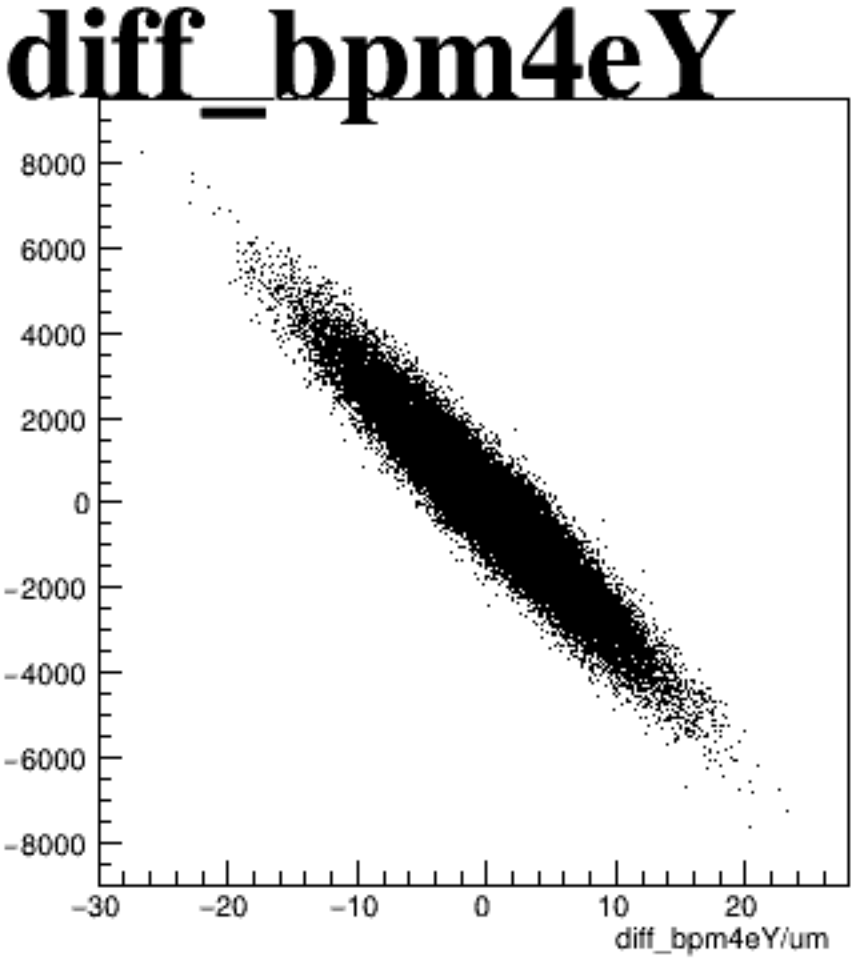
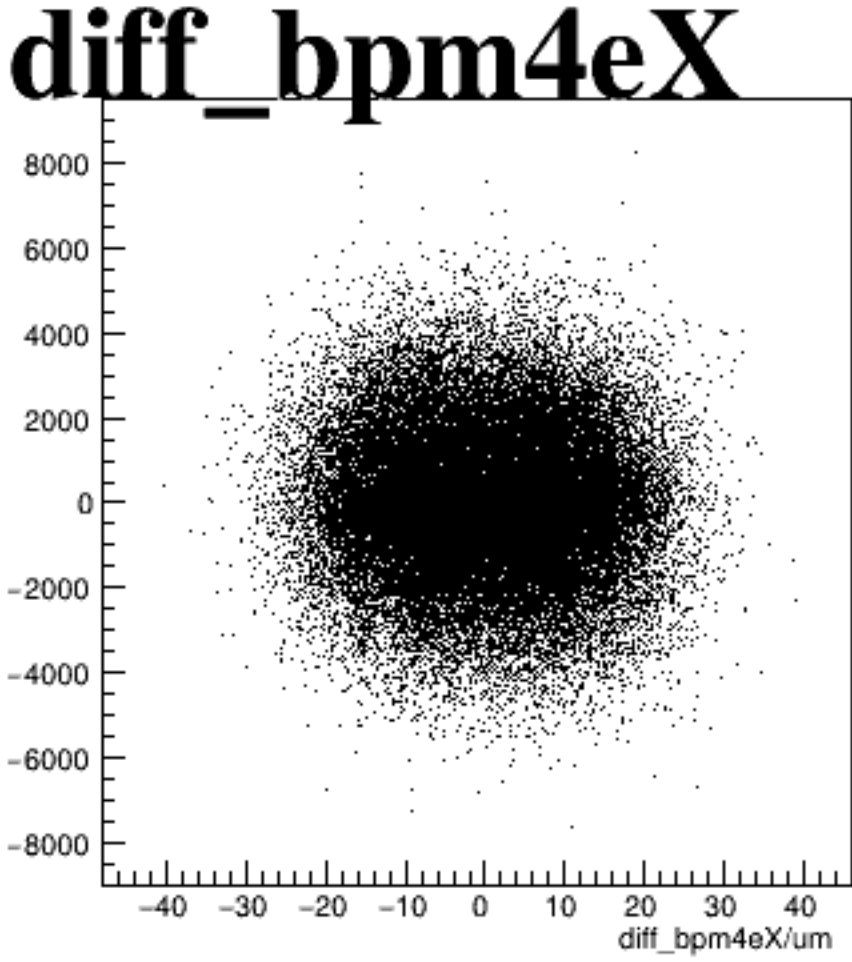
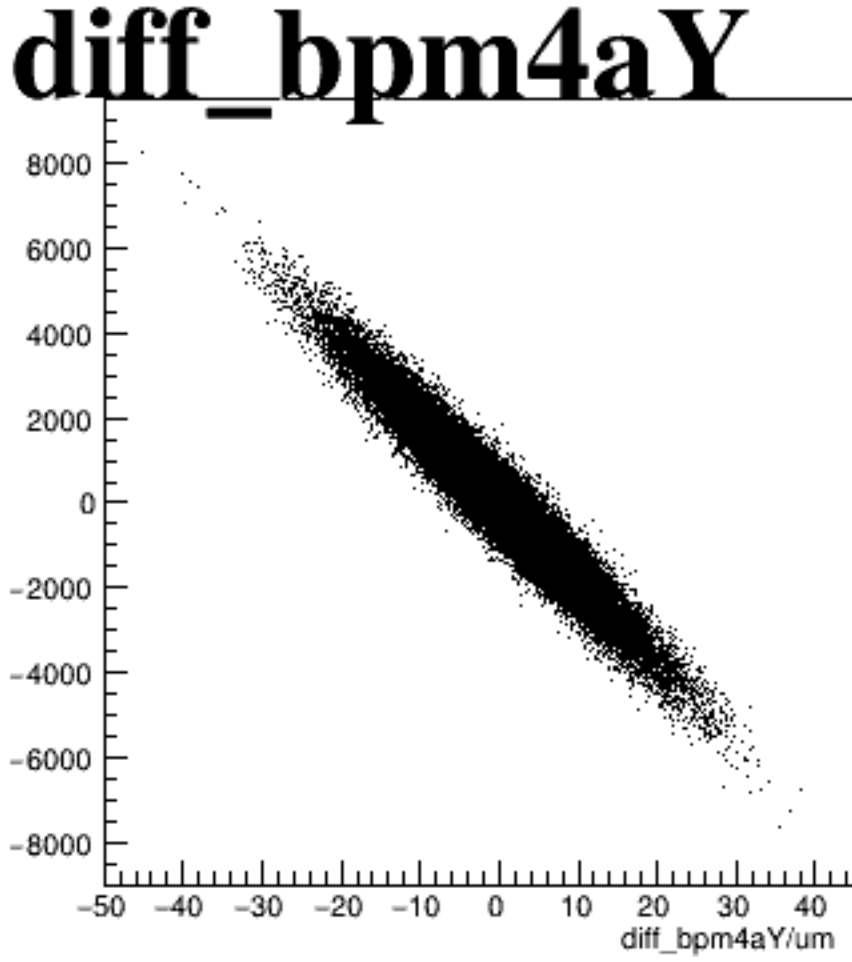
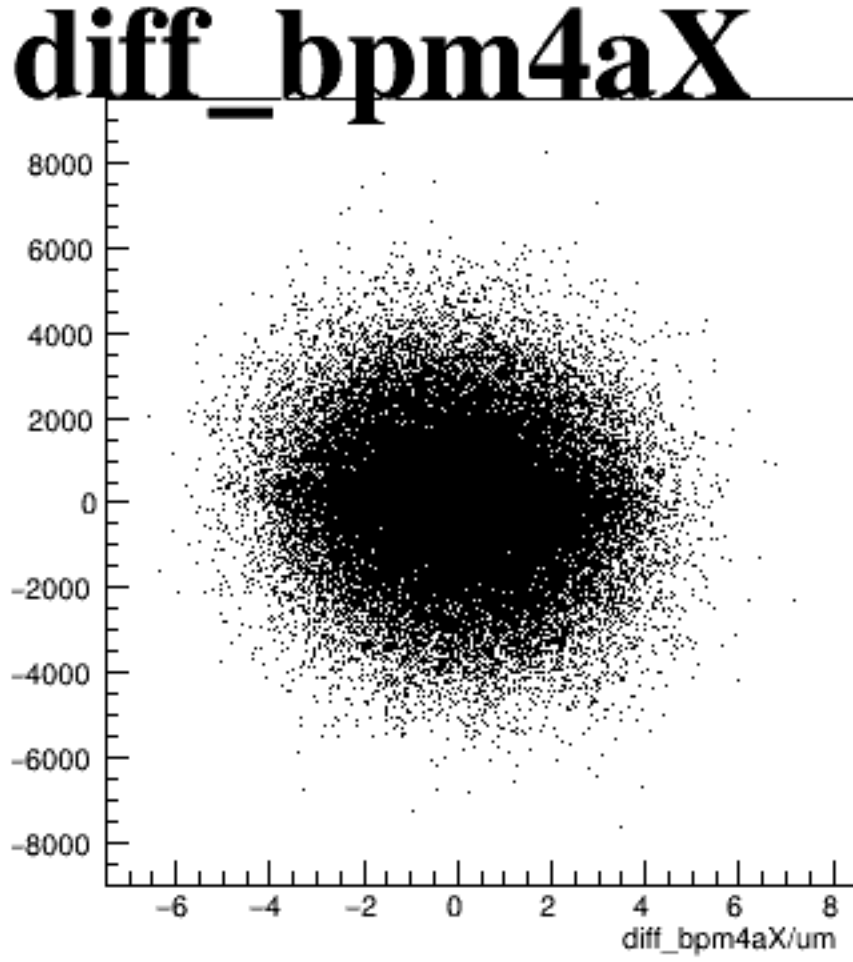
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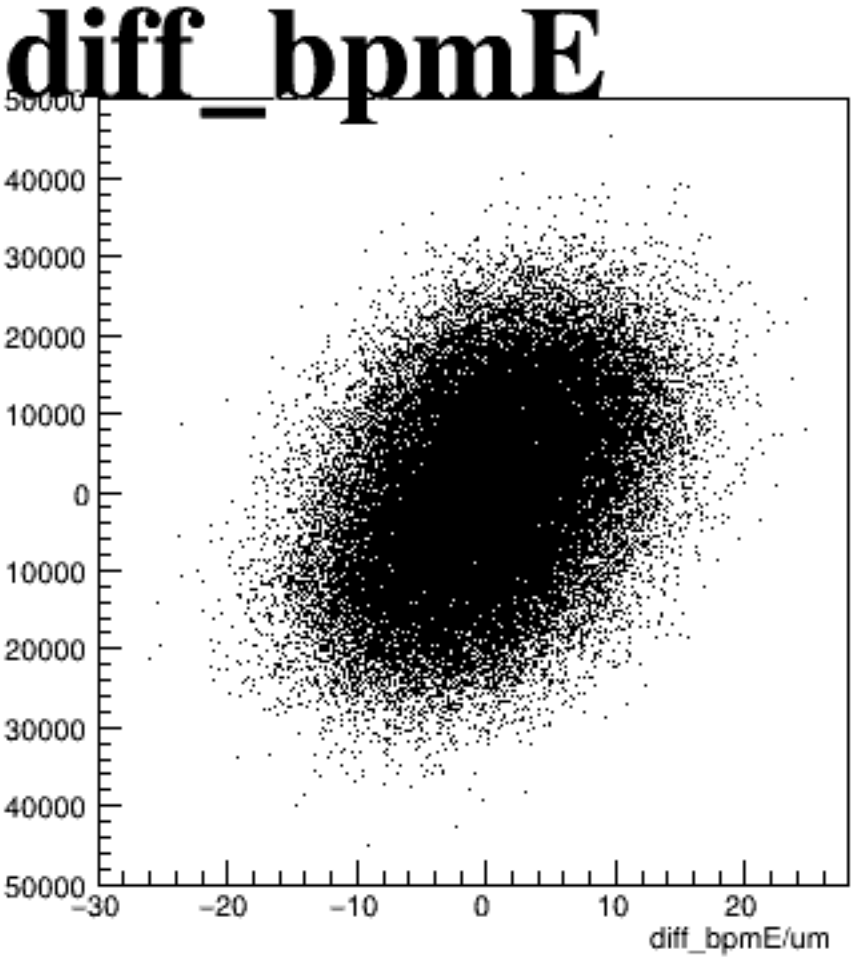
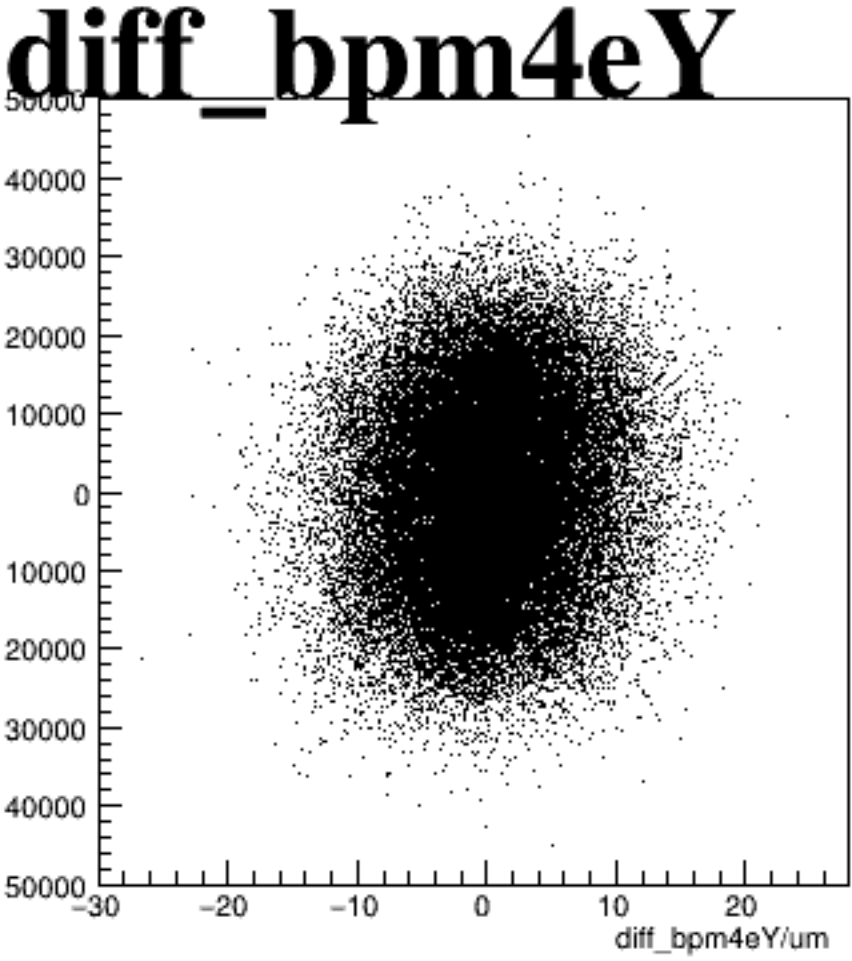
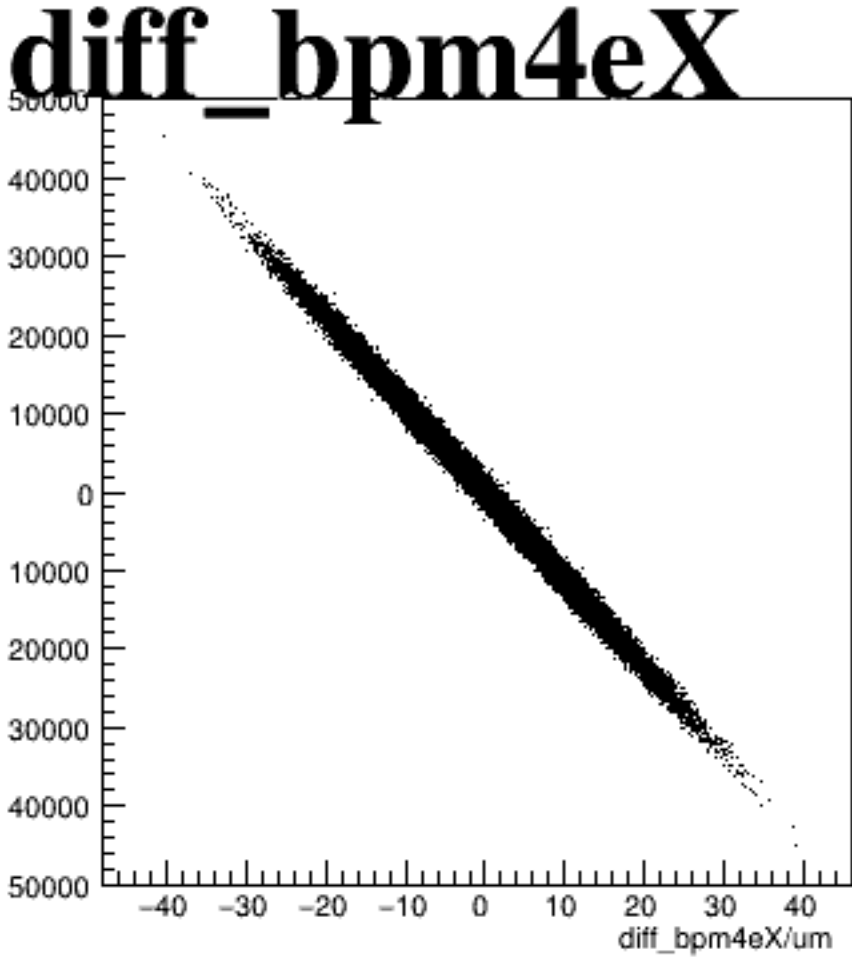
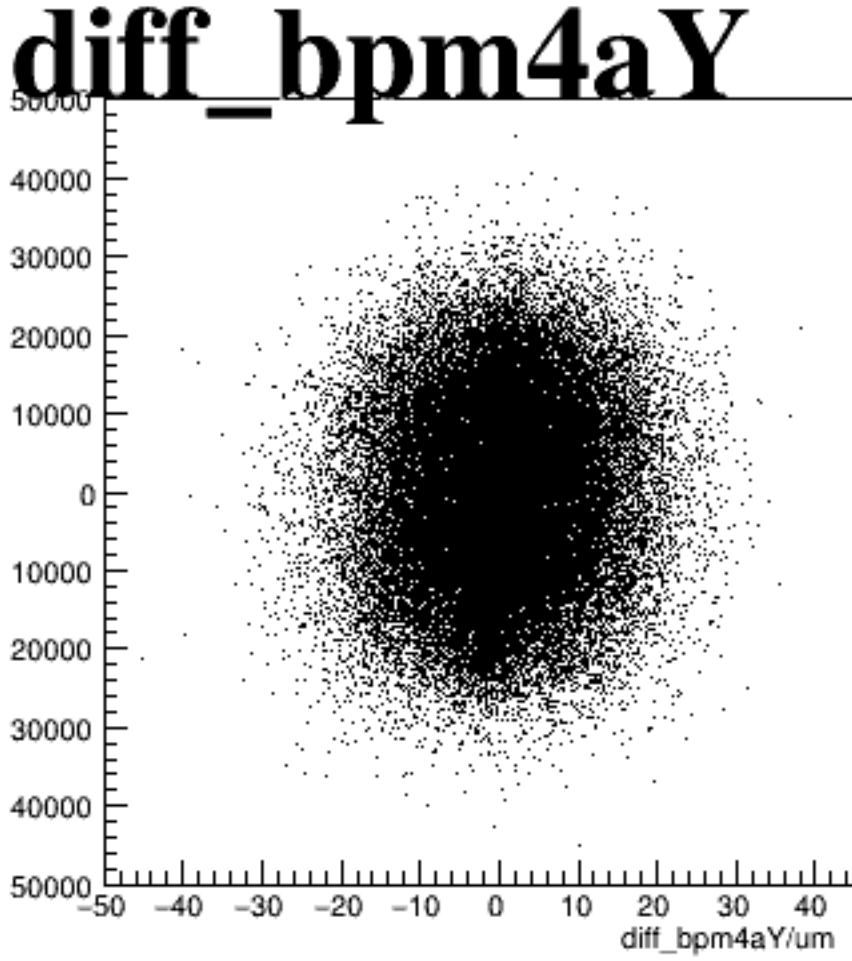
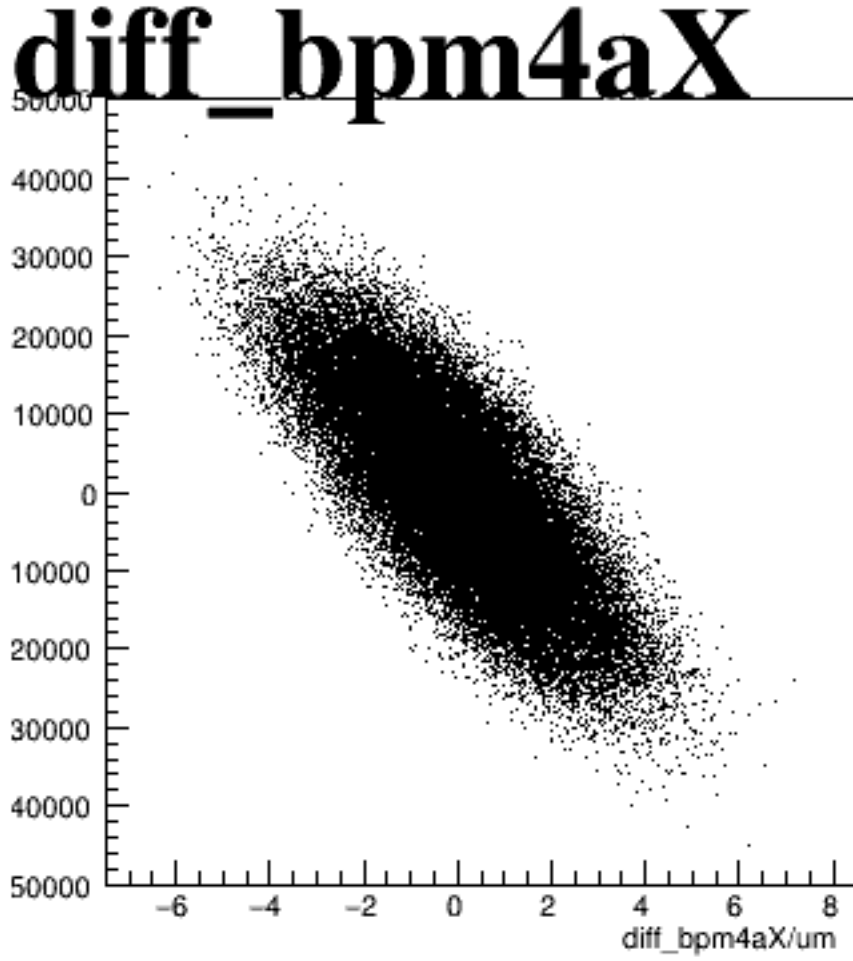
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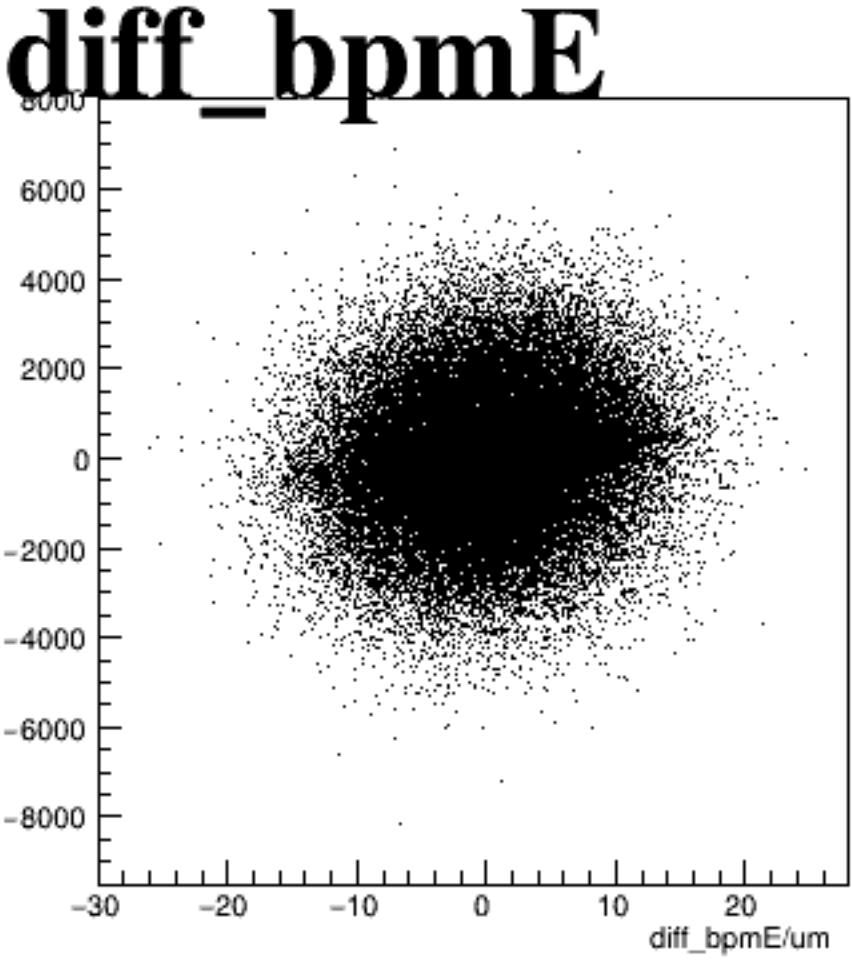
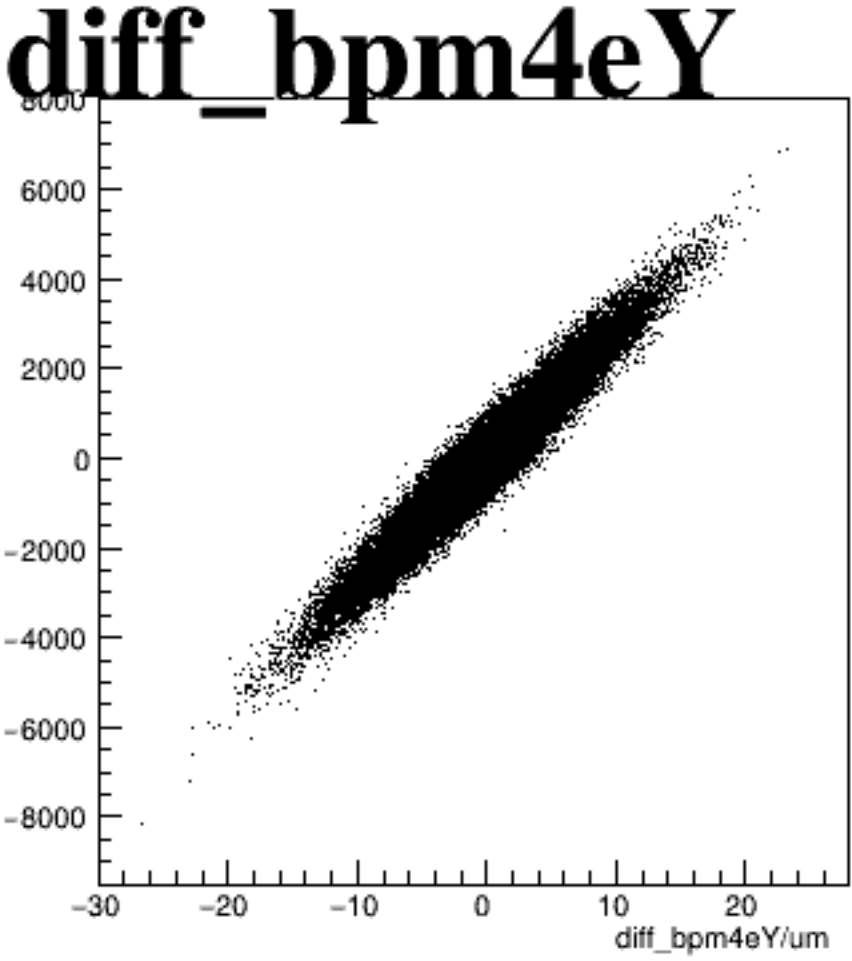
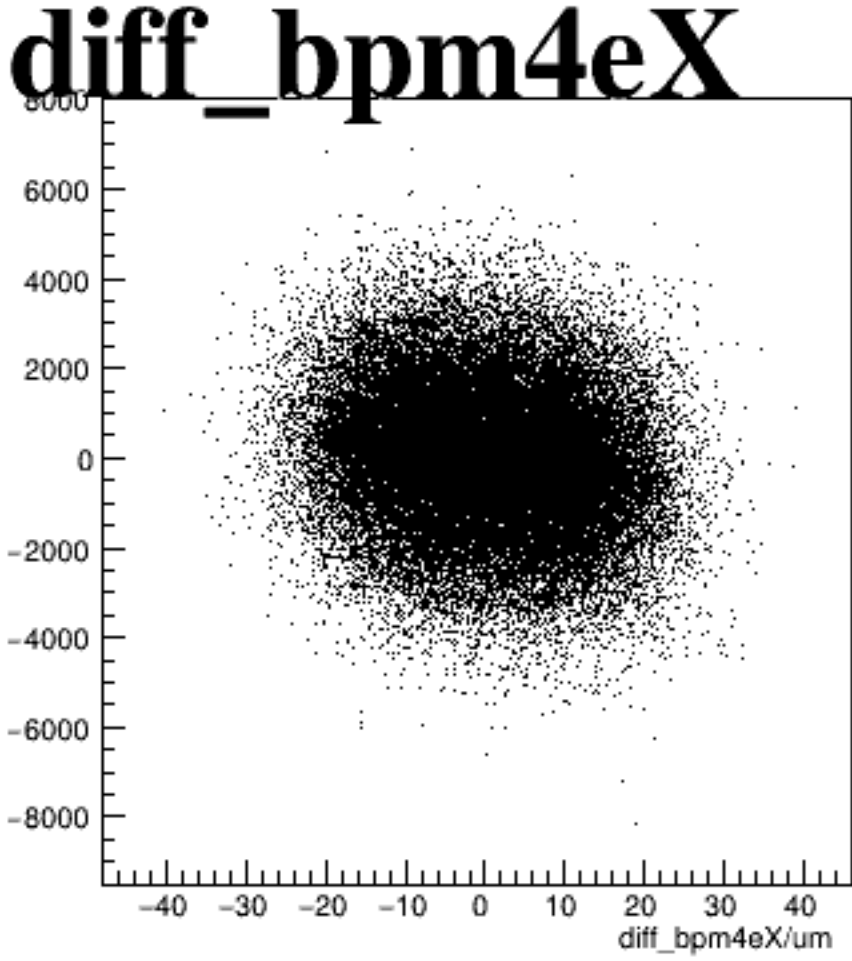
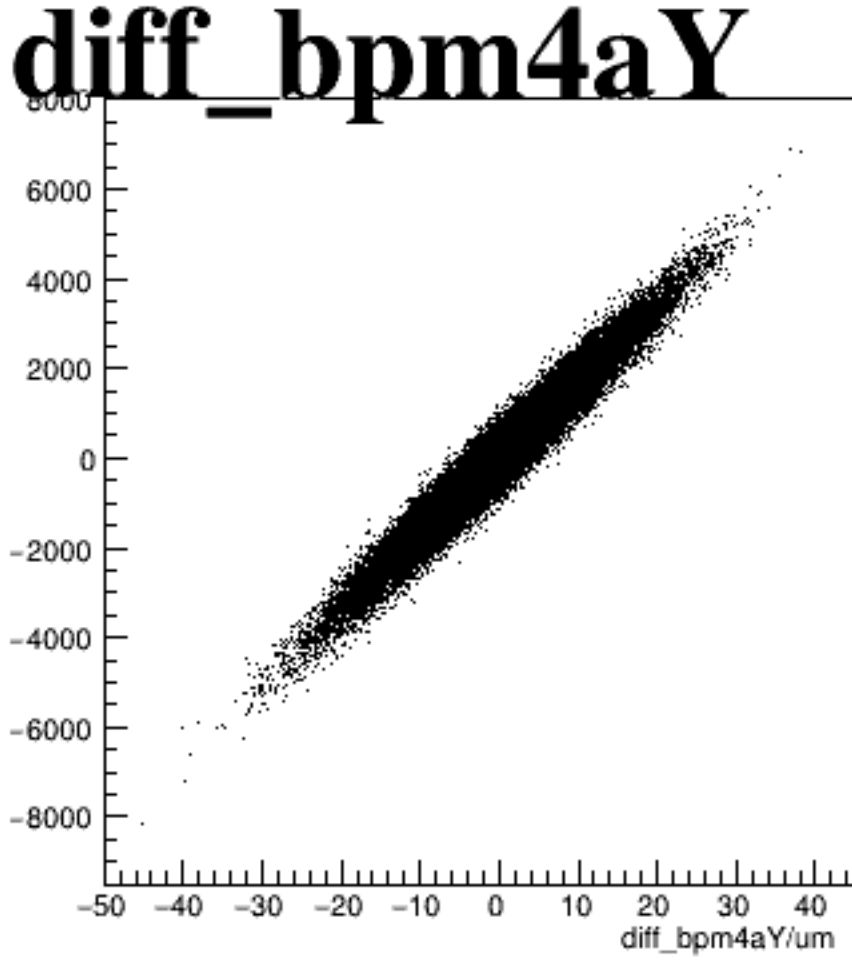
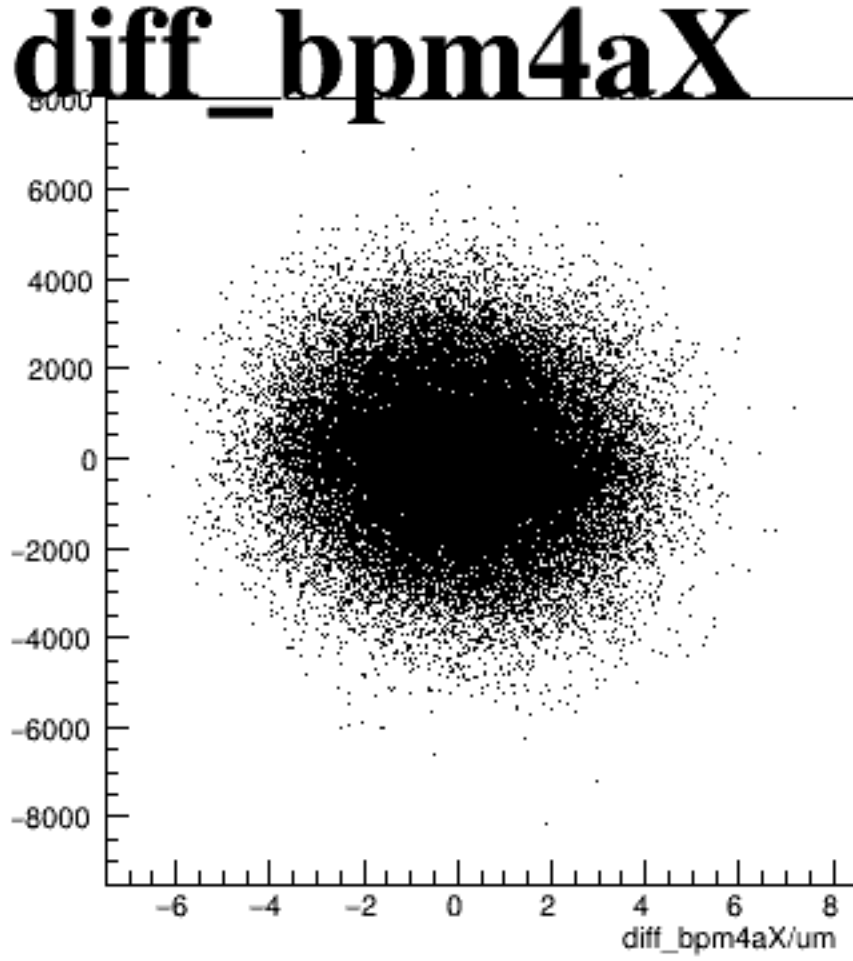
asym_sam1



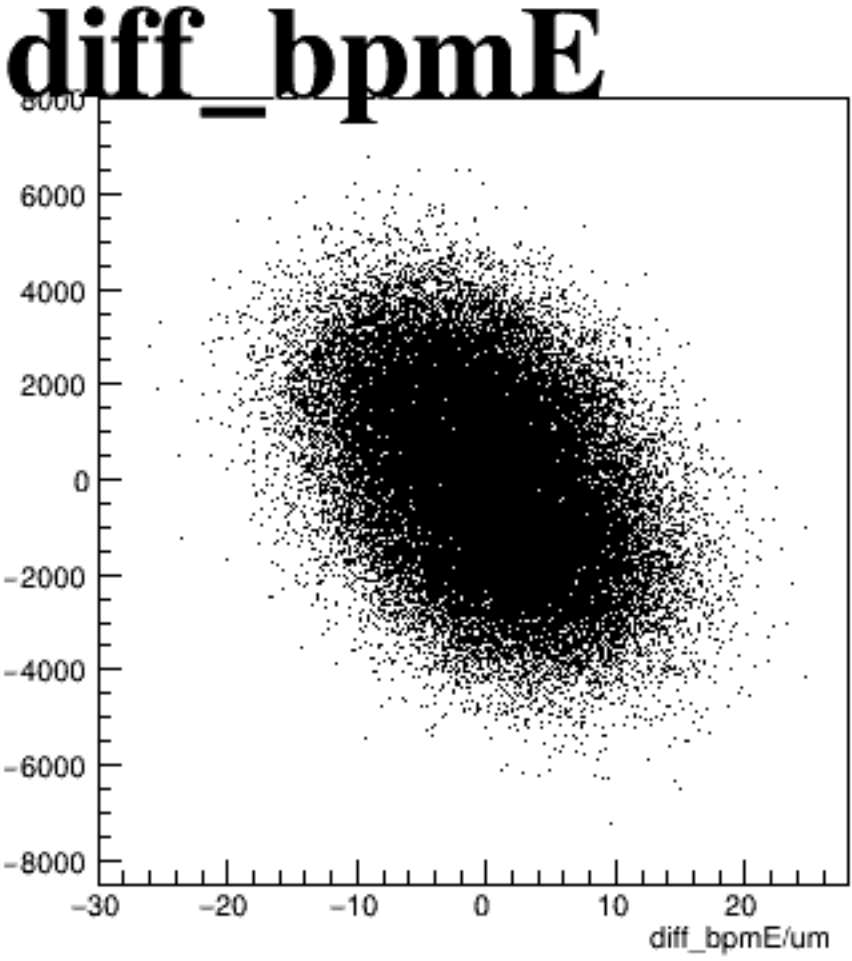
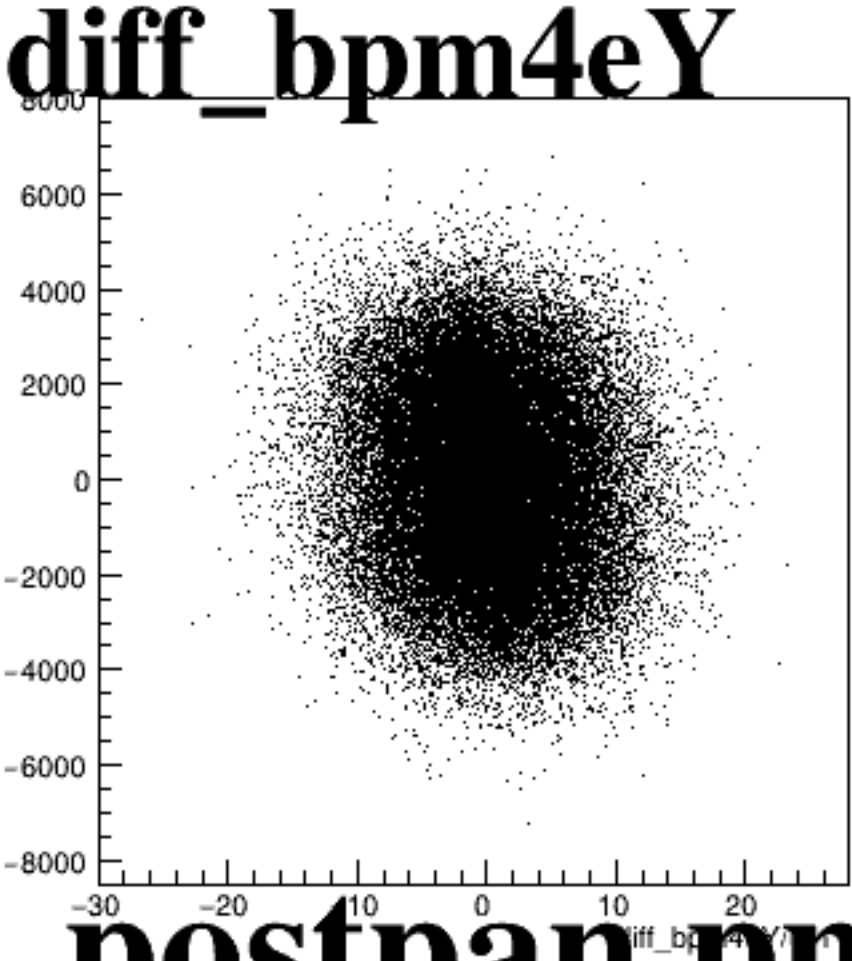
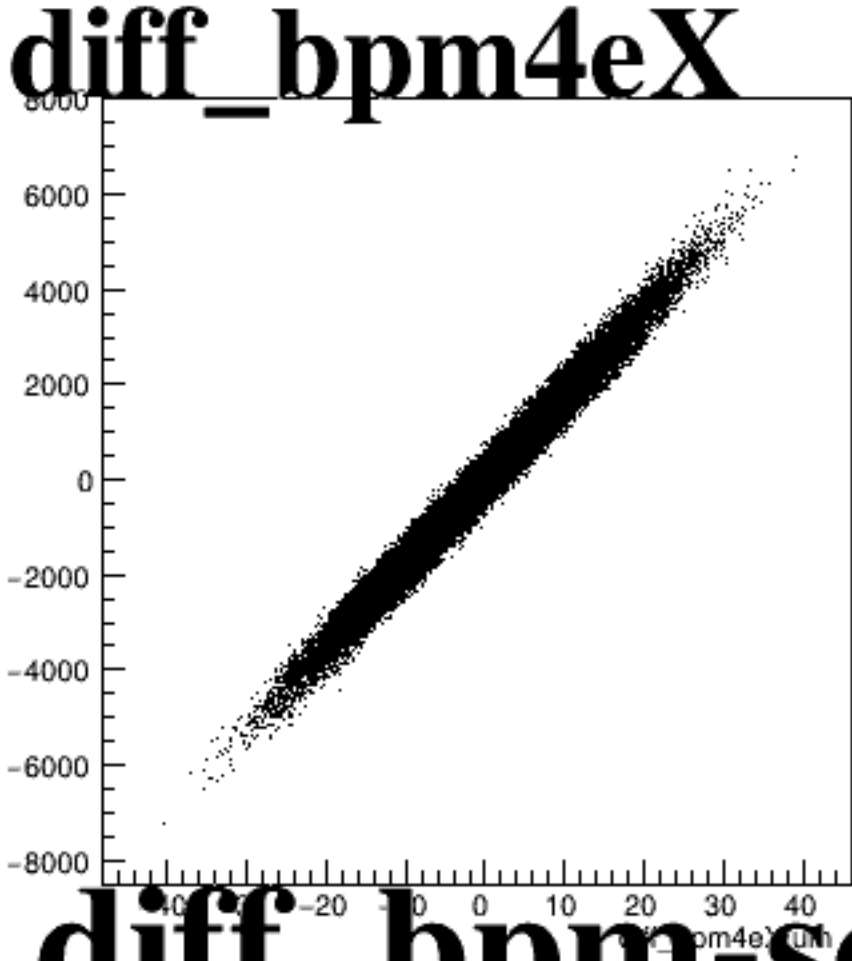
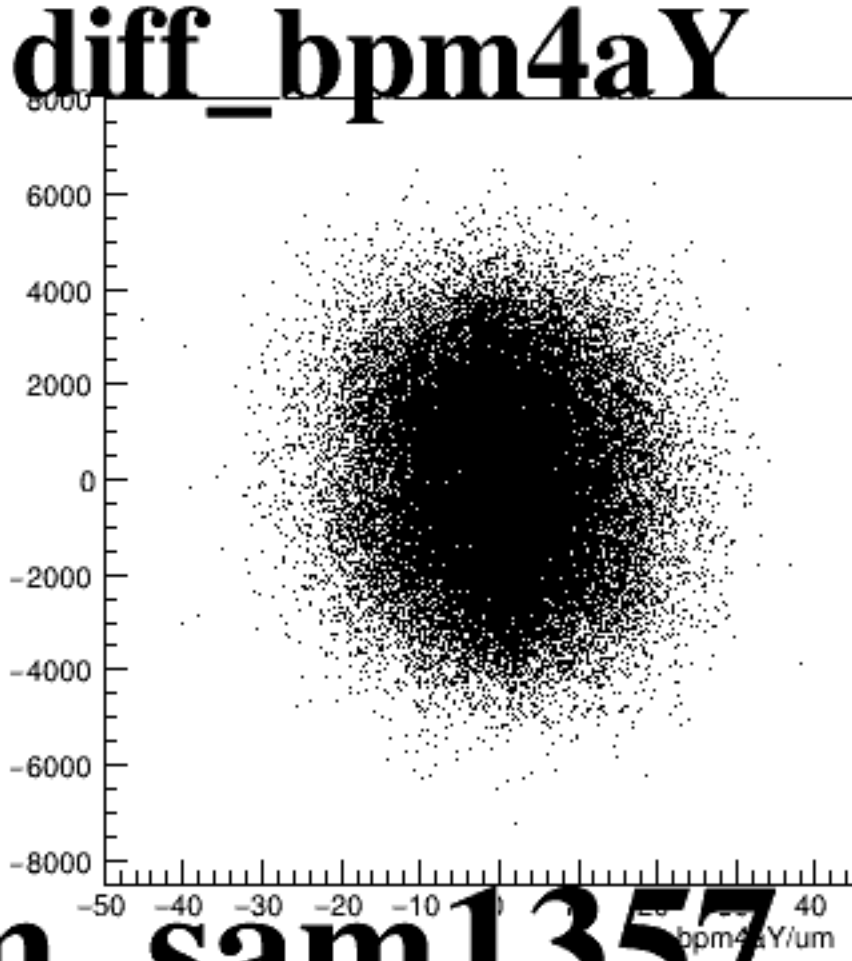
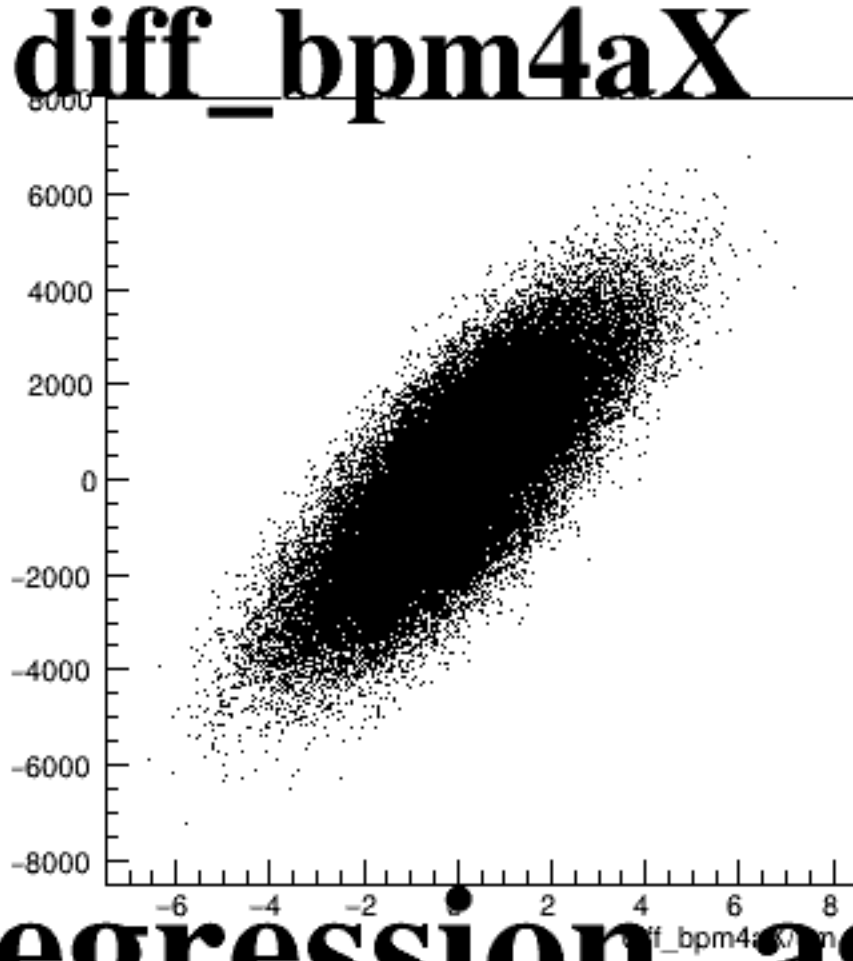
asym_sam3



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. The y-axis for all plots ranges from -4000 to 5000. The x-axis for each plot is labeled with the parameter name and the unit 'um'.

- diff_bpm4aX**: The x-axis ranges from -6 to 8. The data points are centered around 0.
- diff_bpm4aY**: The x-axis ranges from -50 to 40. The data points are centered around 0.
- diff_bpm4eX**: The x-axis ranges from -40 to 40. The data points are centered around 0.
- diff_bpm4eY**: The x-axis ranges from -30 to 20. The data points are centered around 0.
- diff_bpmE**: The x-axis ranges from -30 to 10. The data points are centered around 0.

All plots show a dense, roughly circular distribution of points, indicating that the difference in BPM is small and randomly distributed across the range of the parameter.