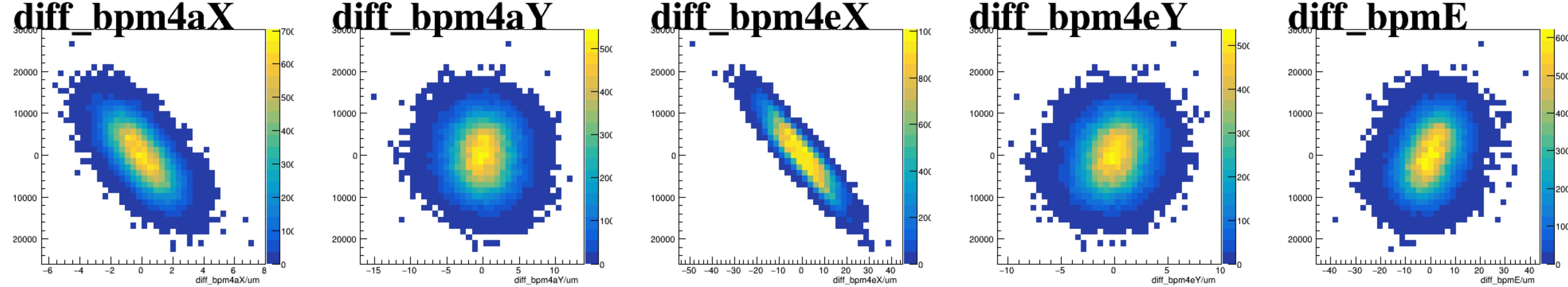
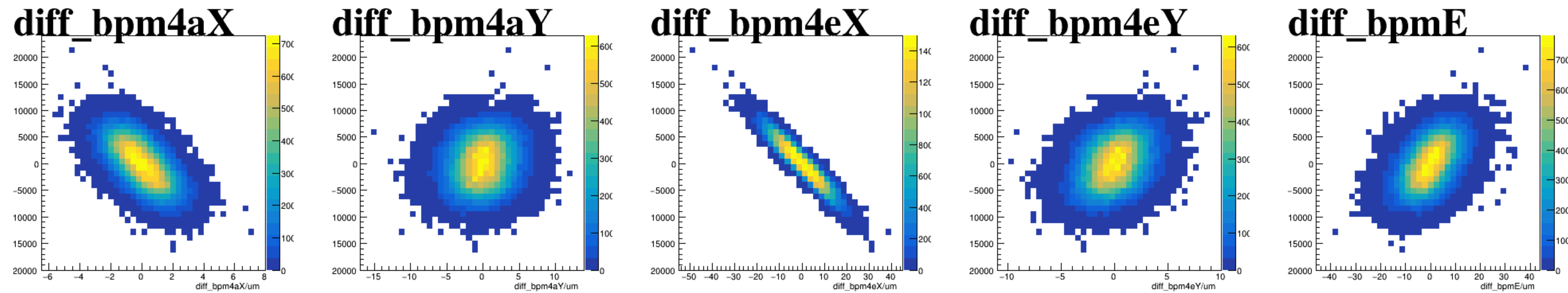


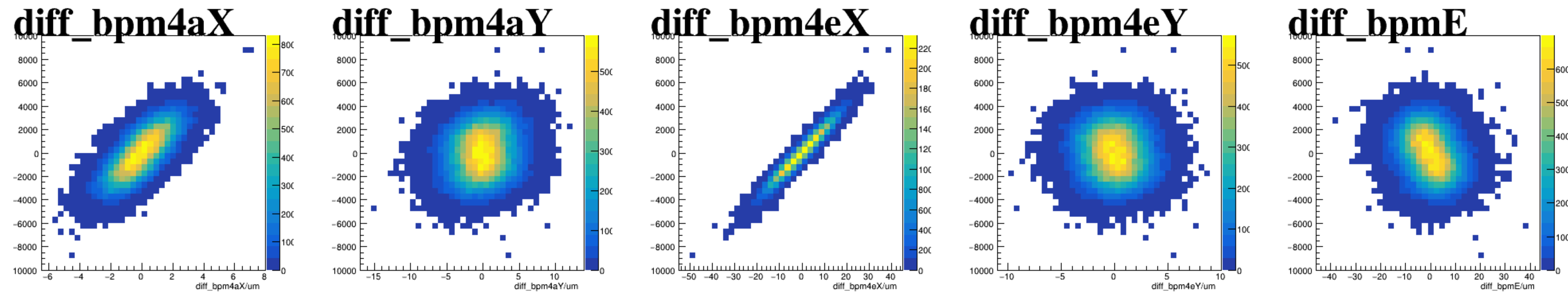
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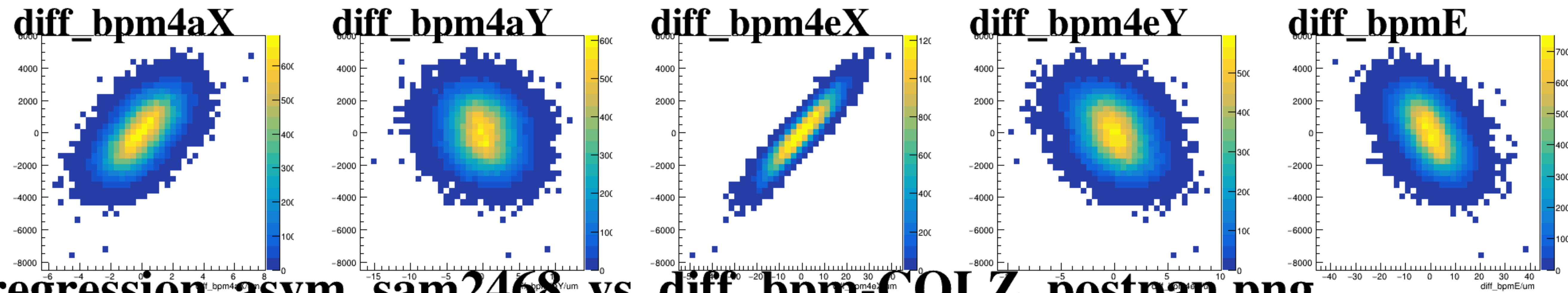
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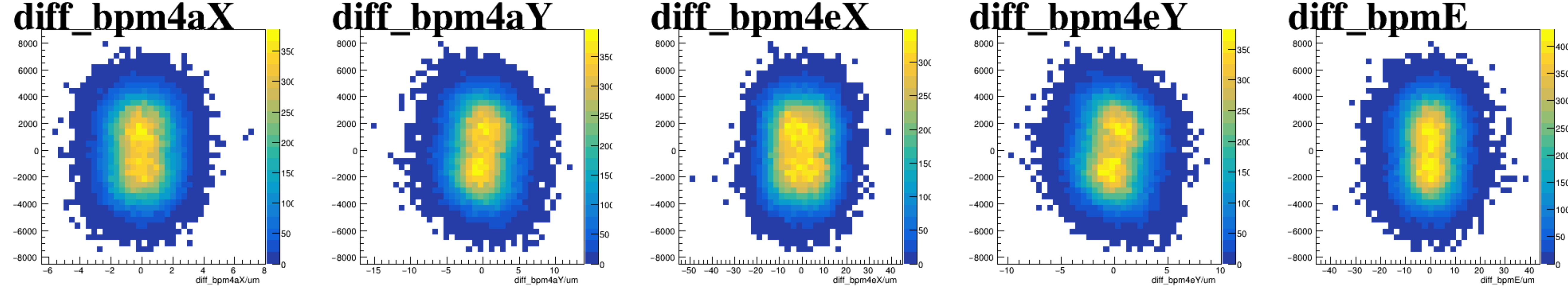
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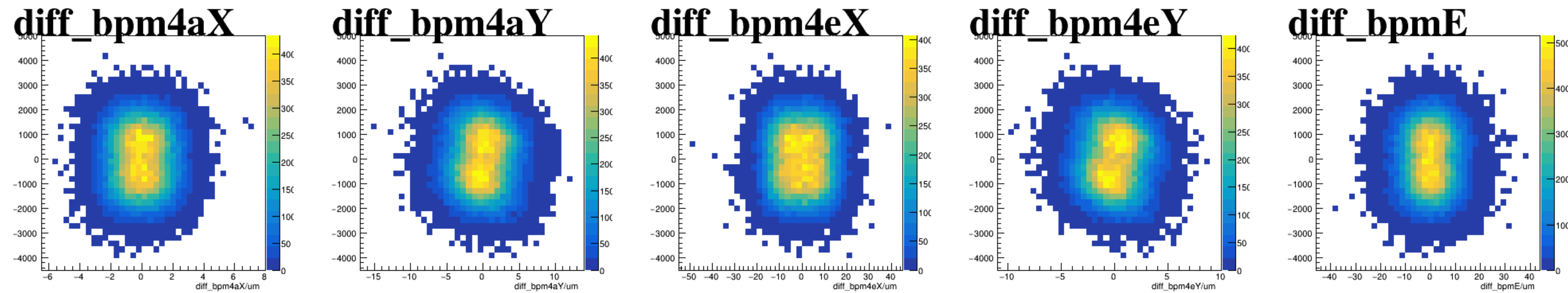
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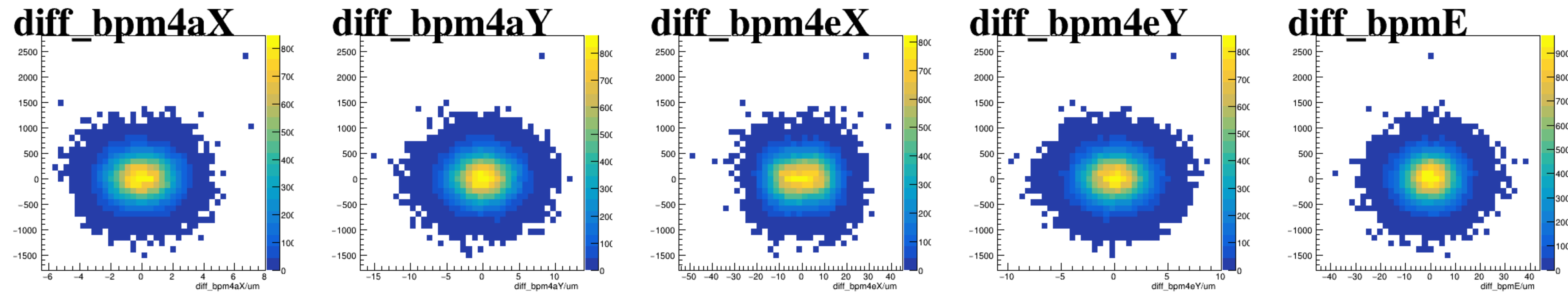
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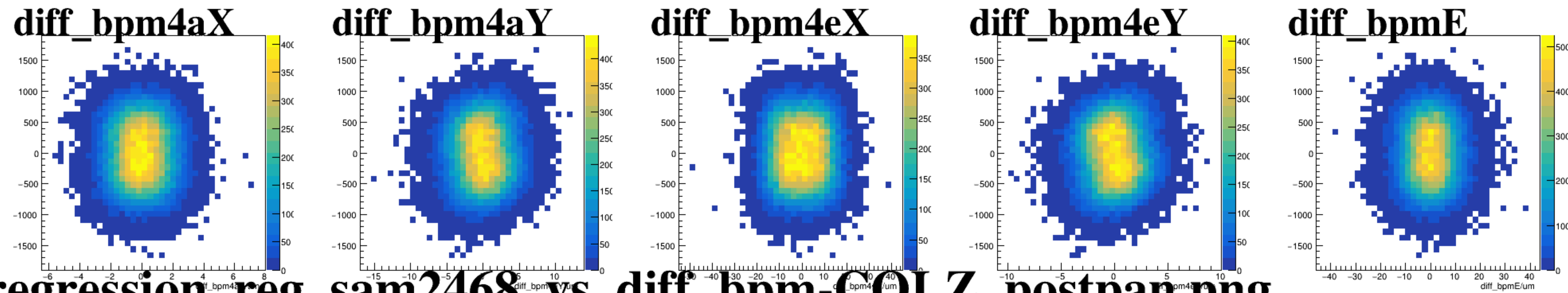
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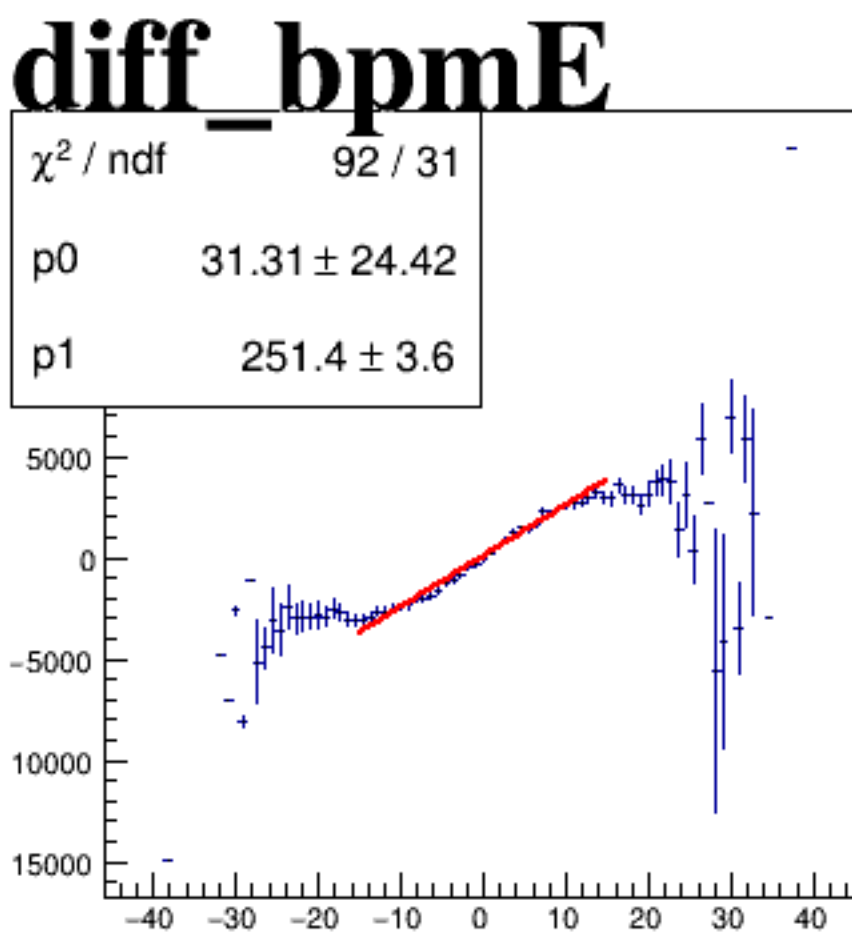
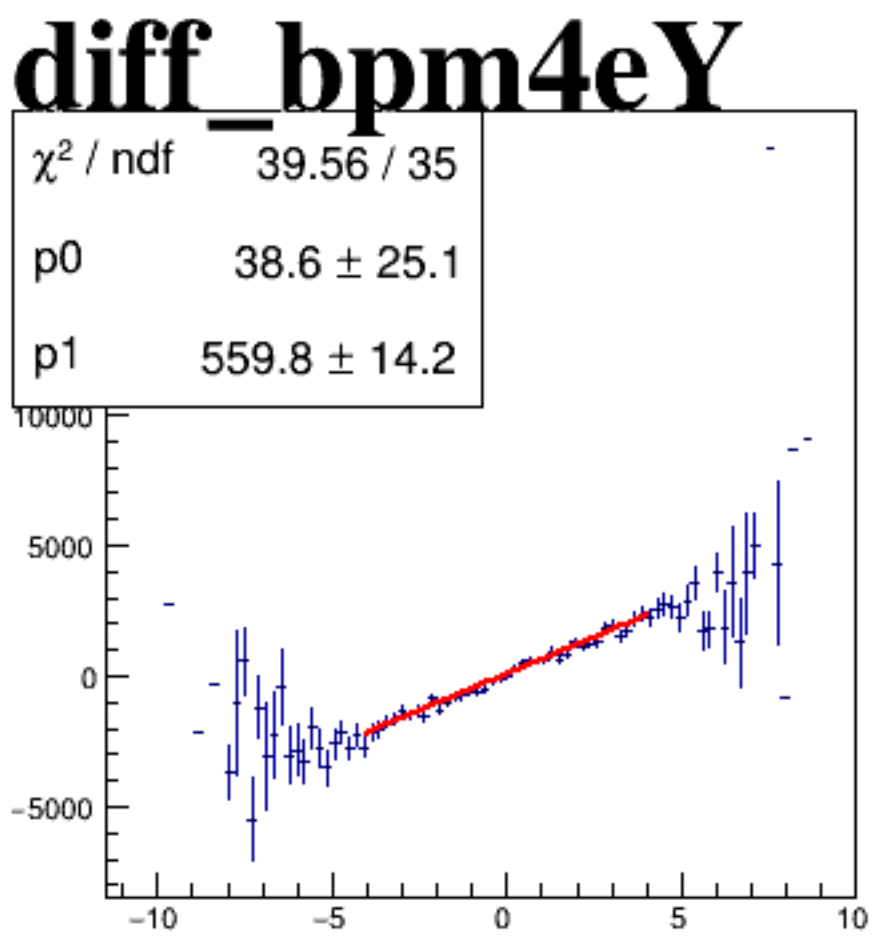
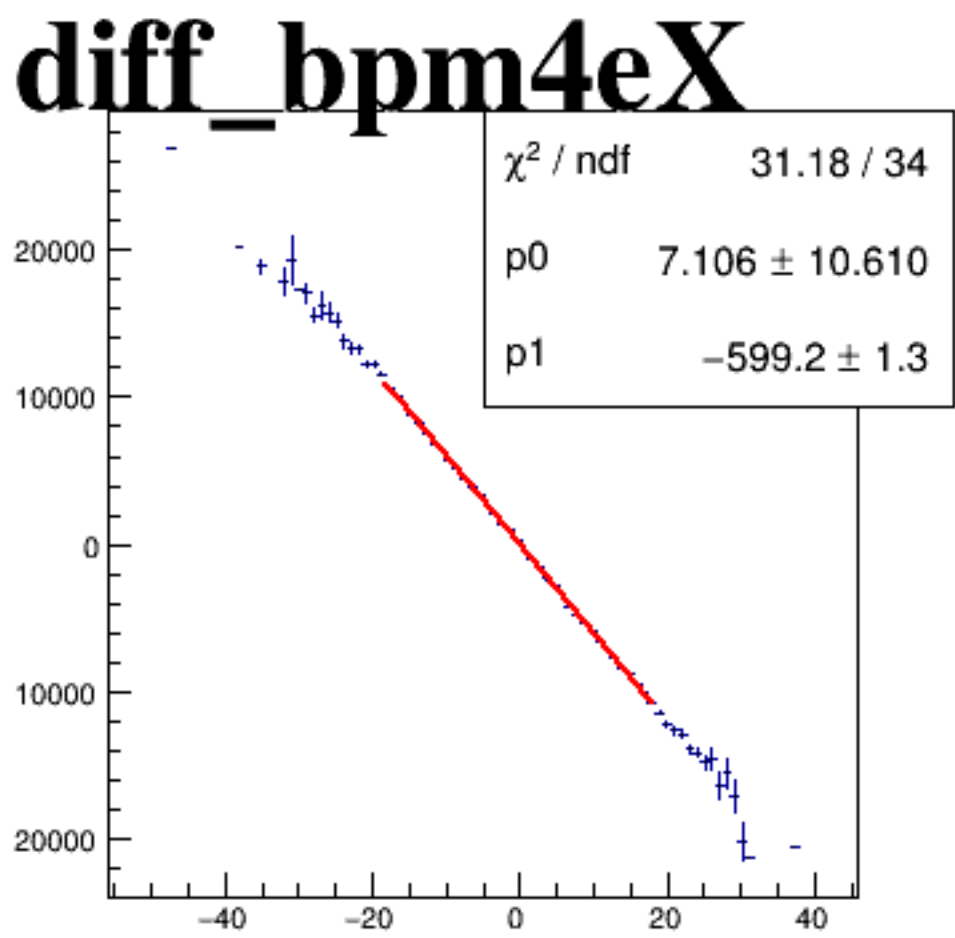
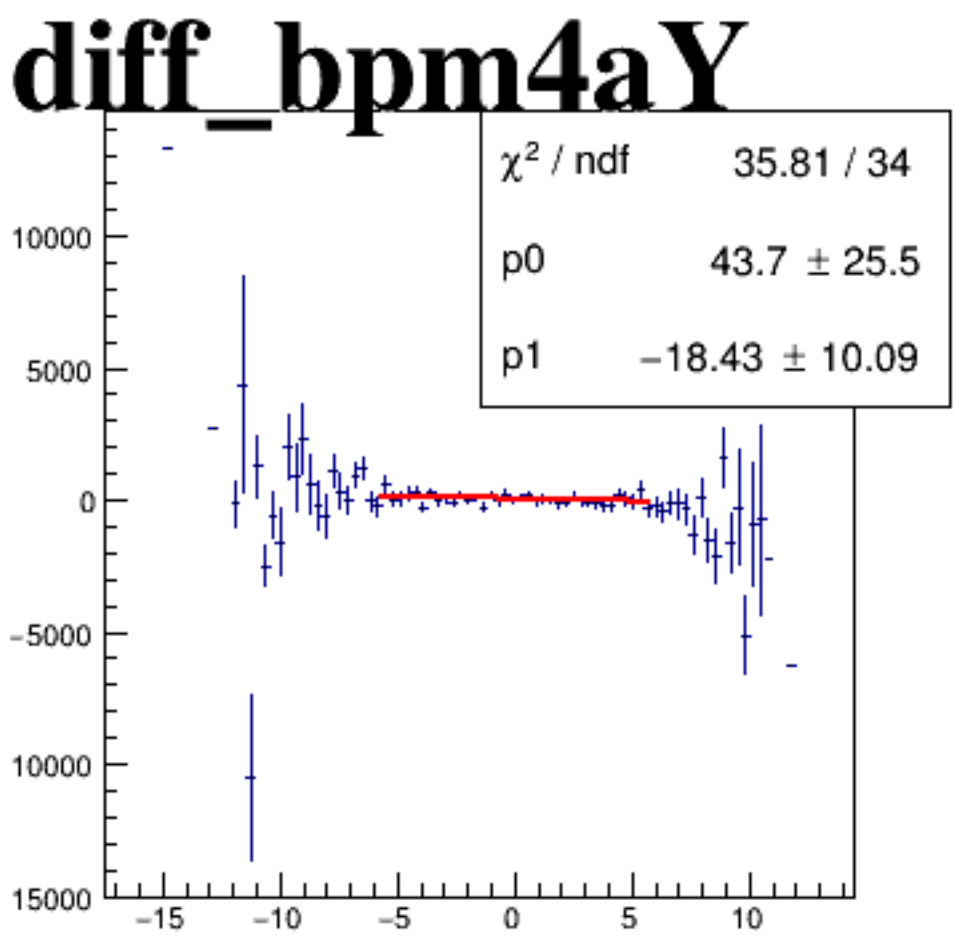
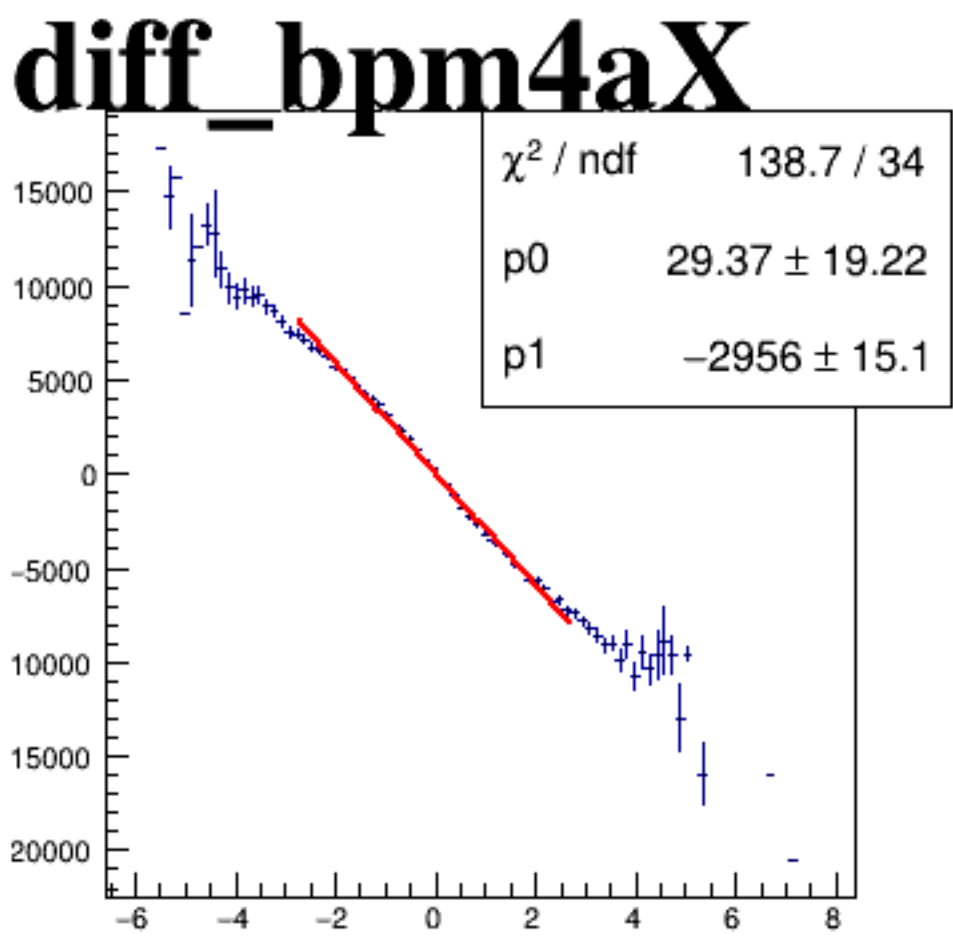
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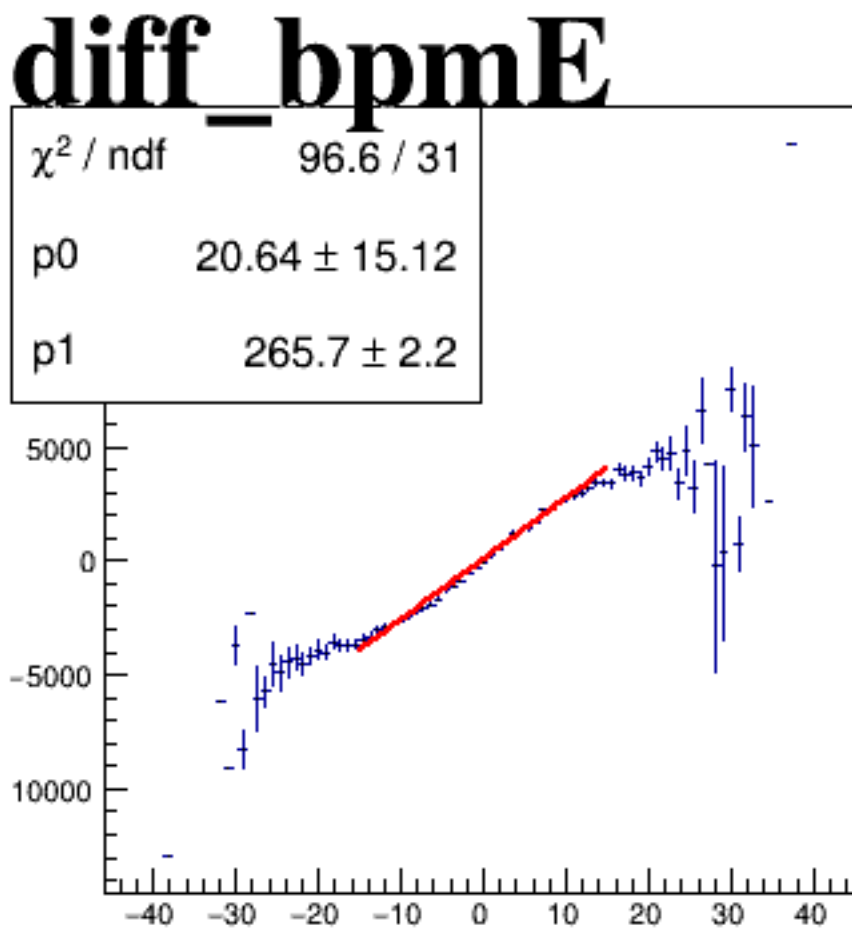
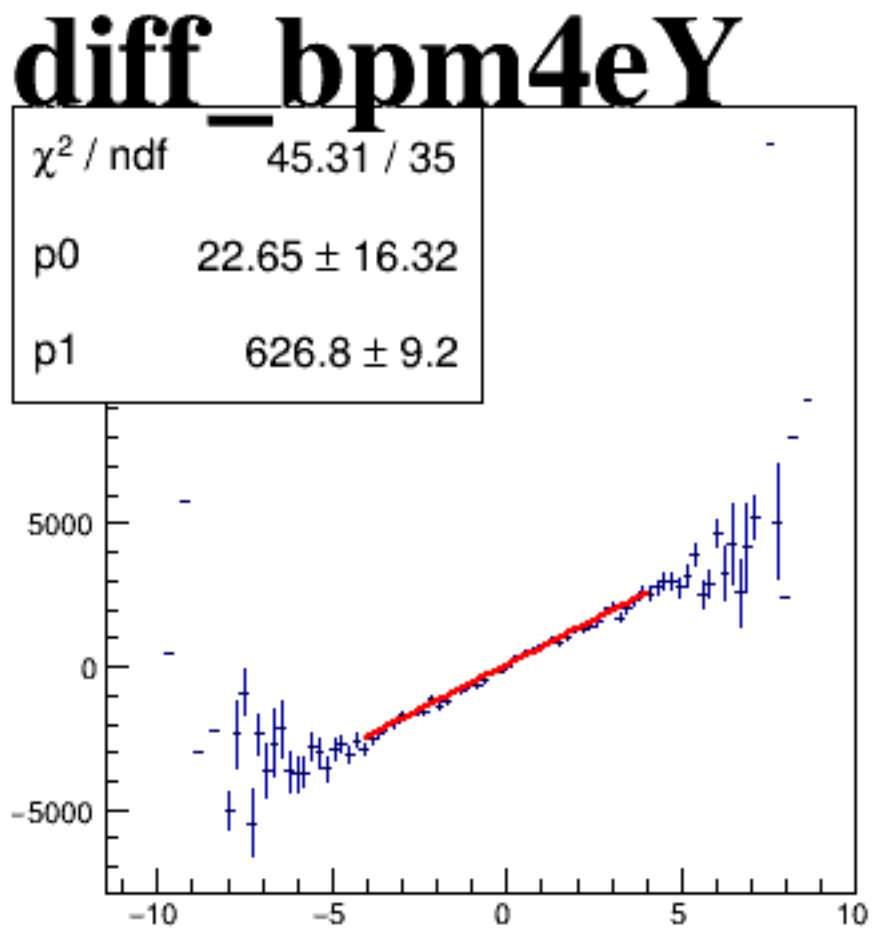
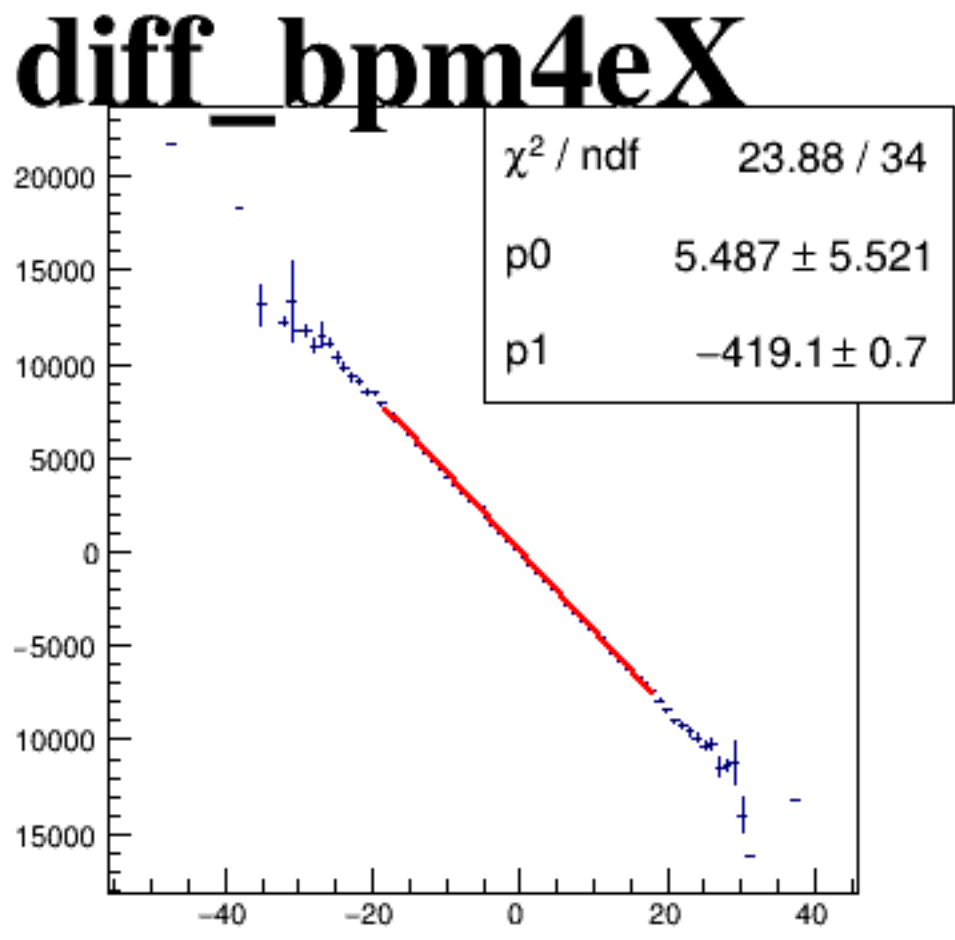
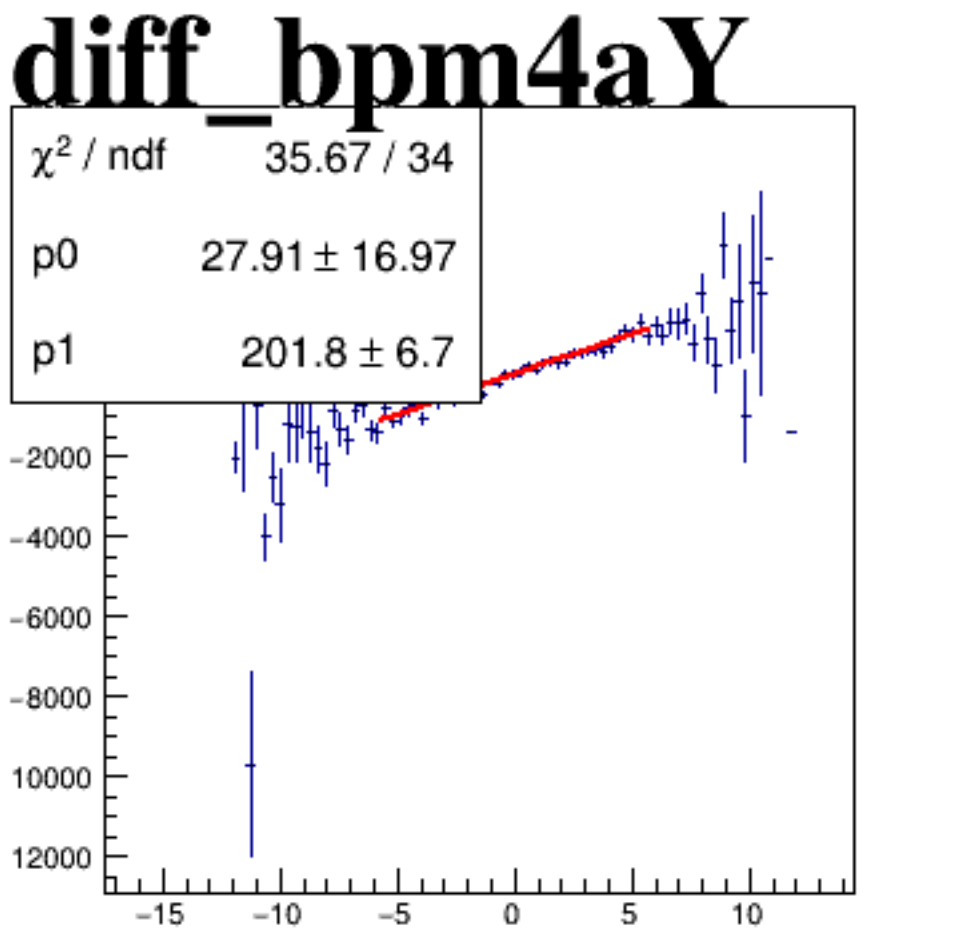
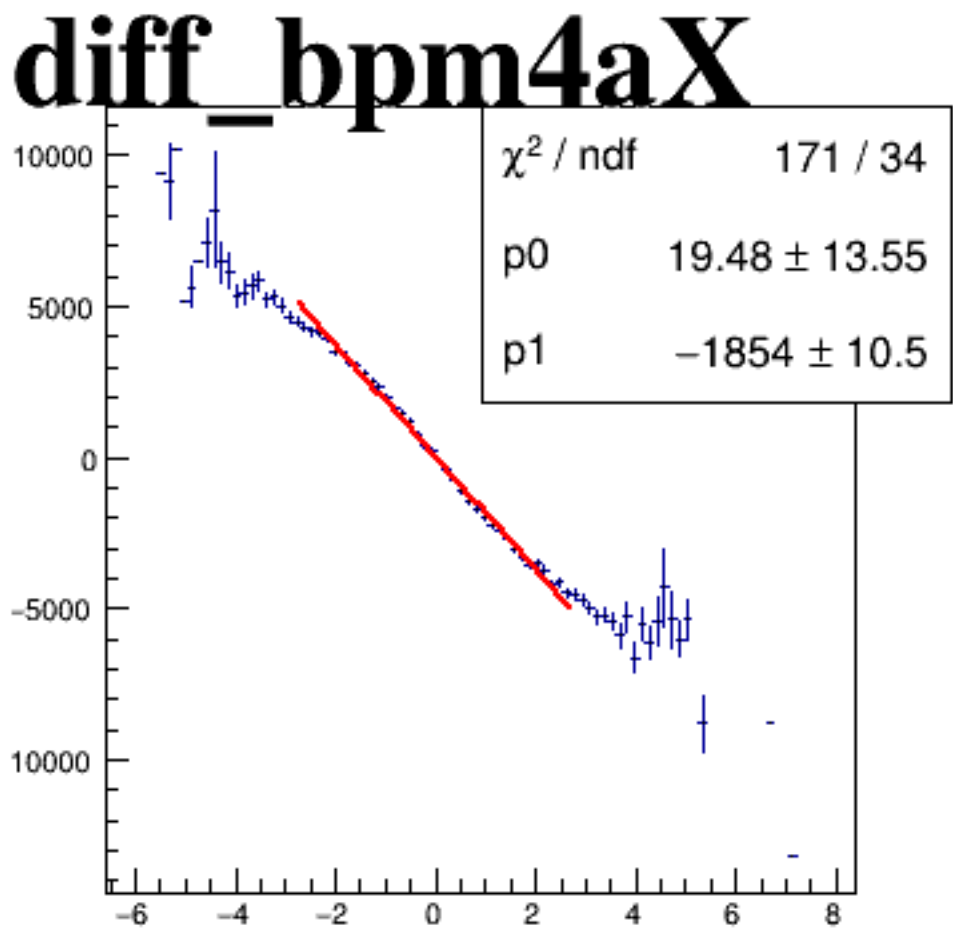
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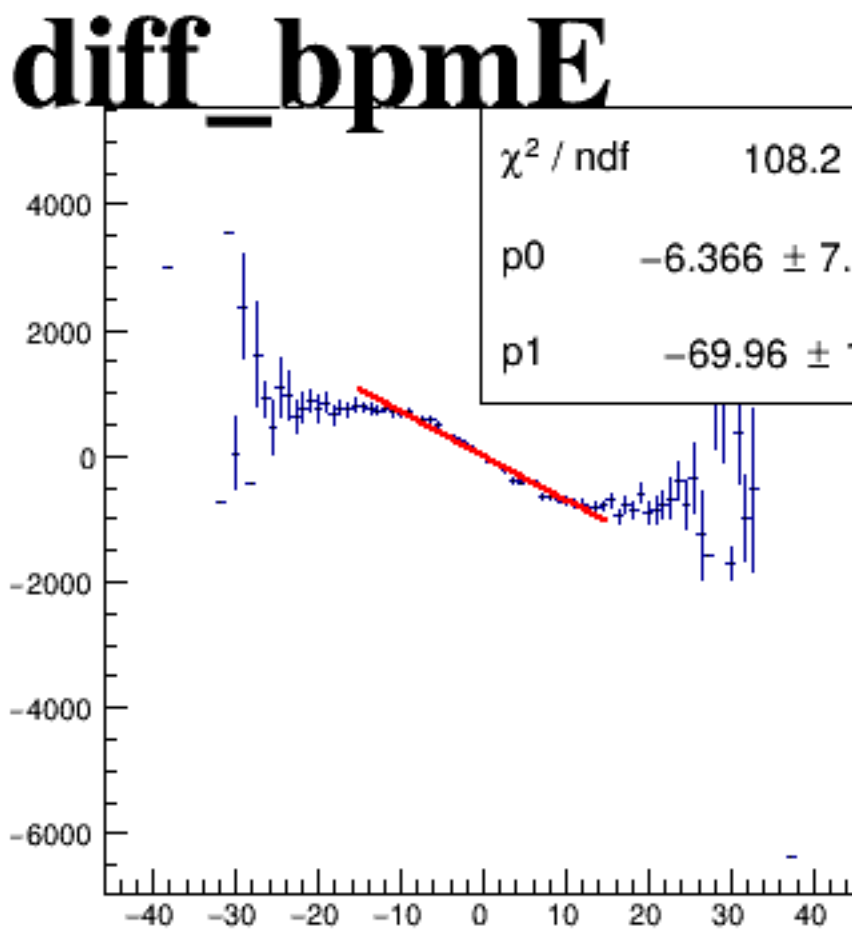
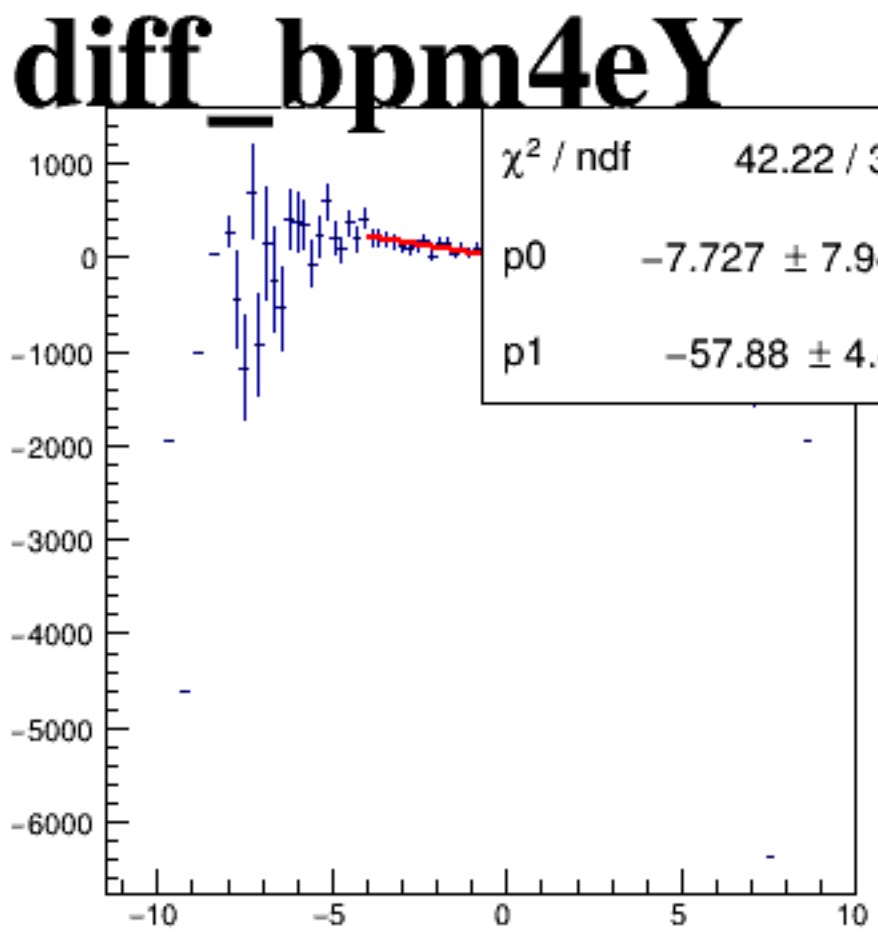
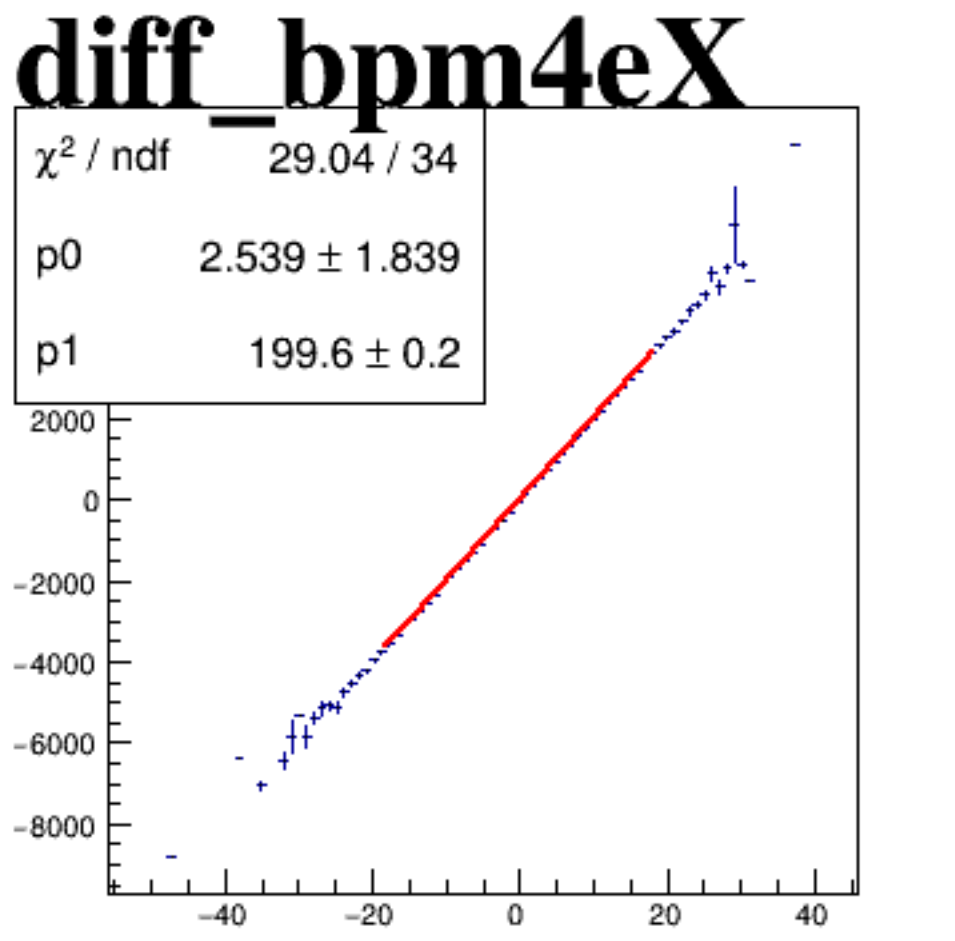
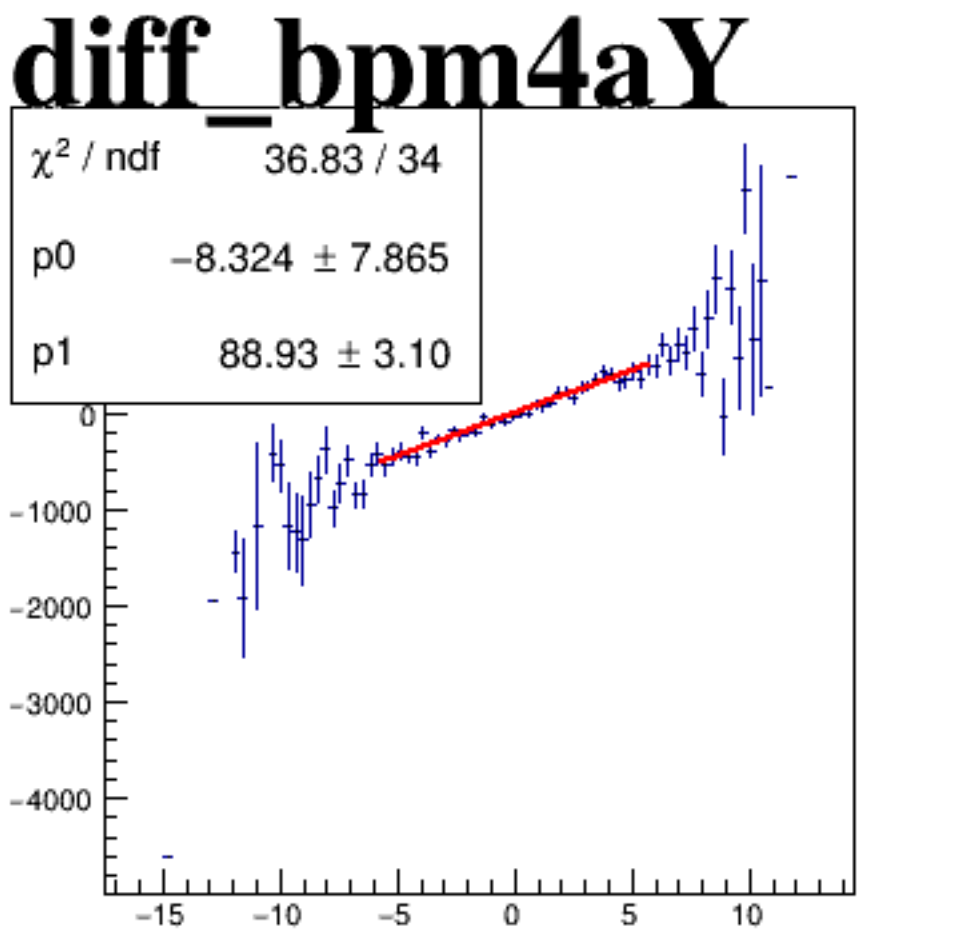
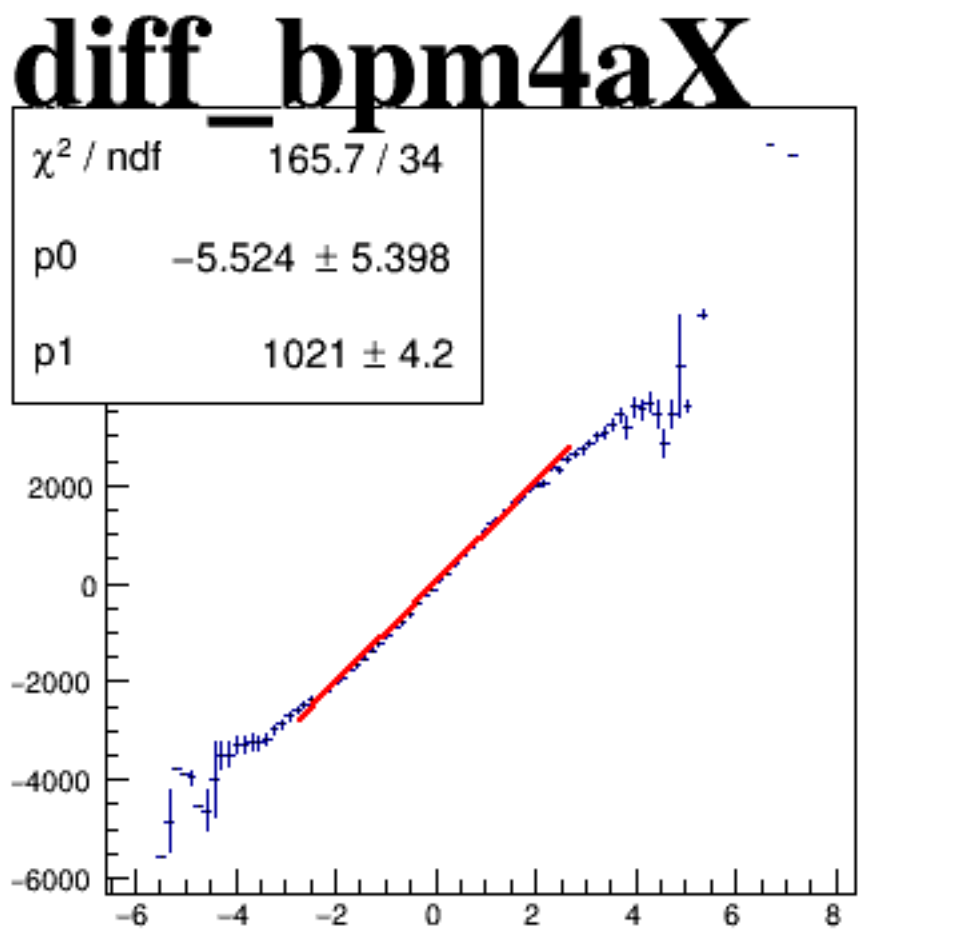
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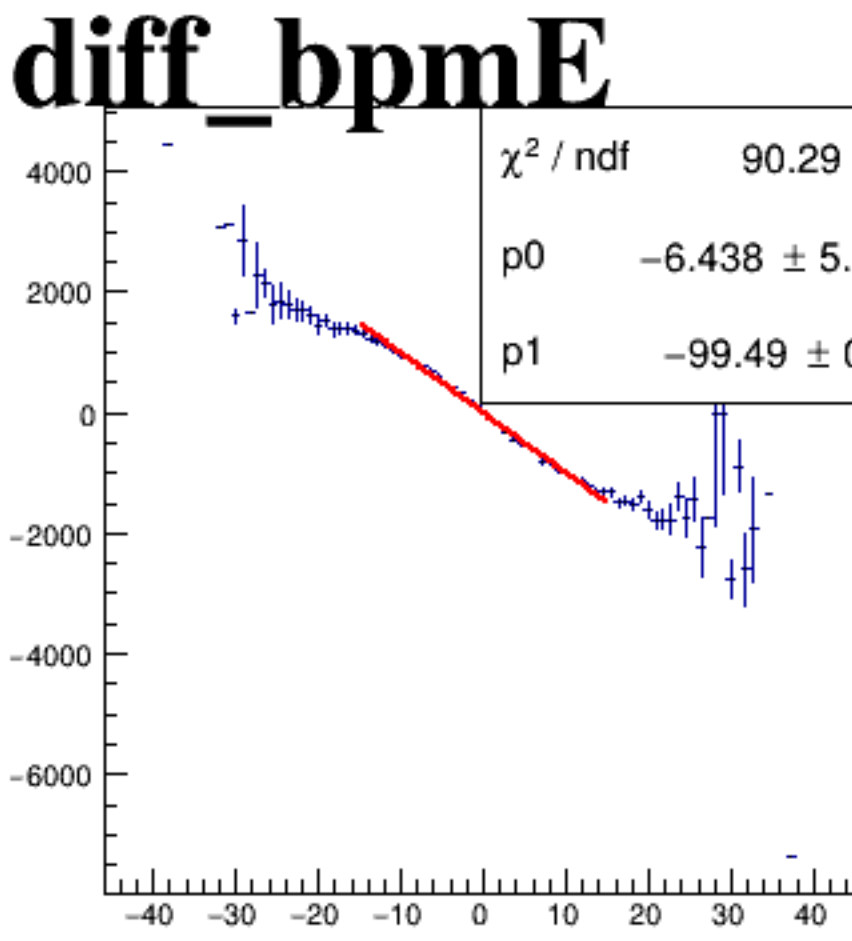
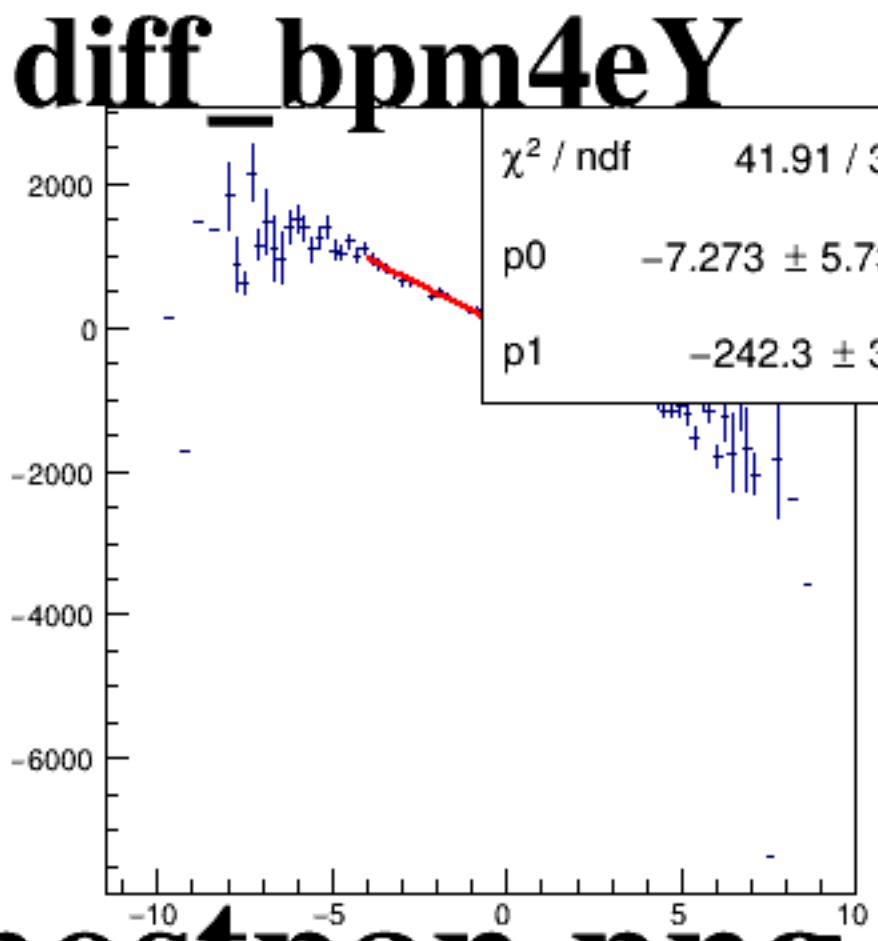
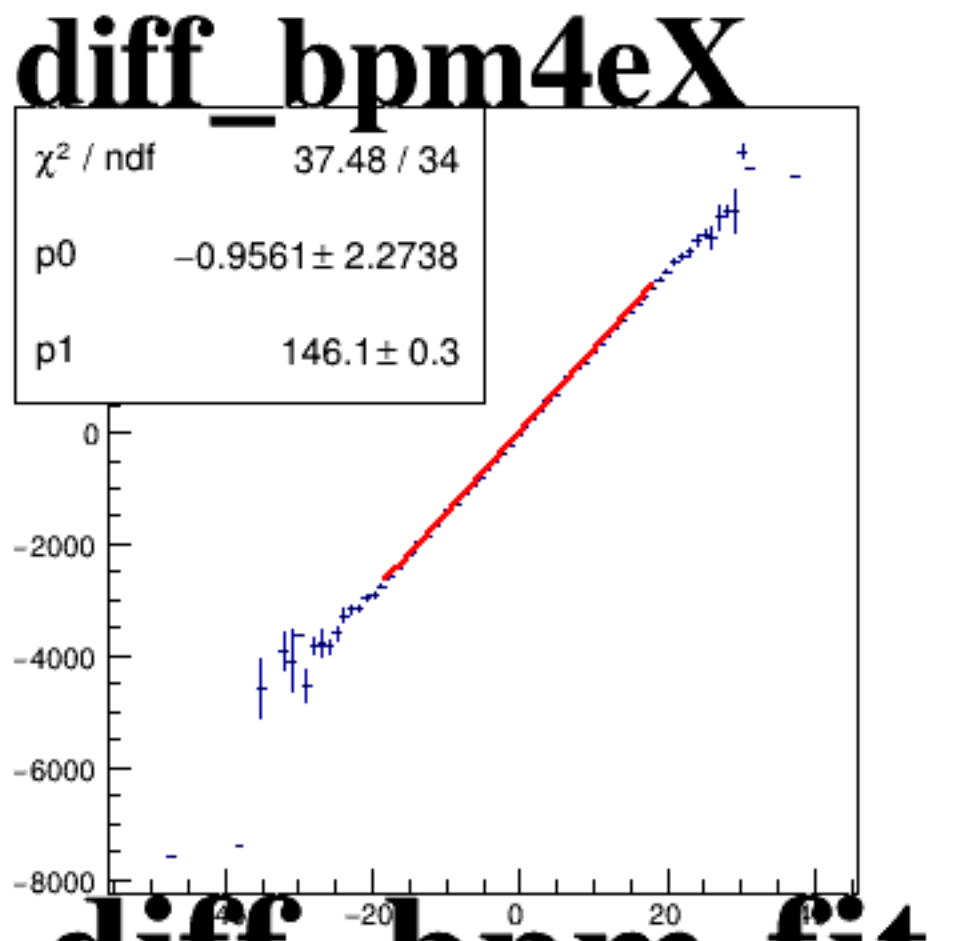
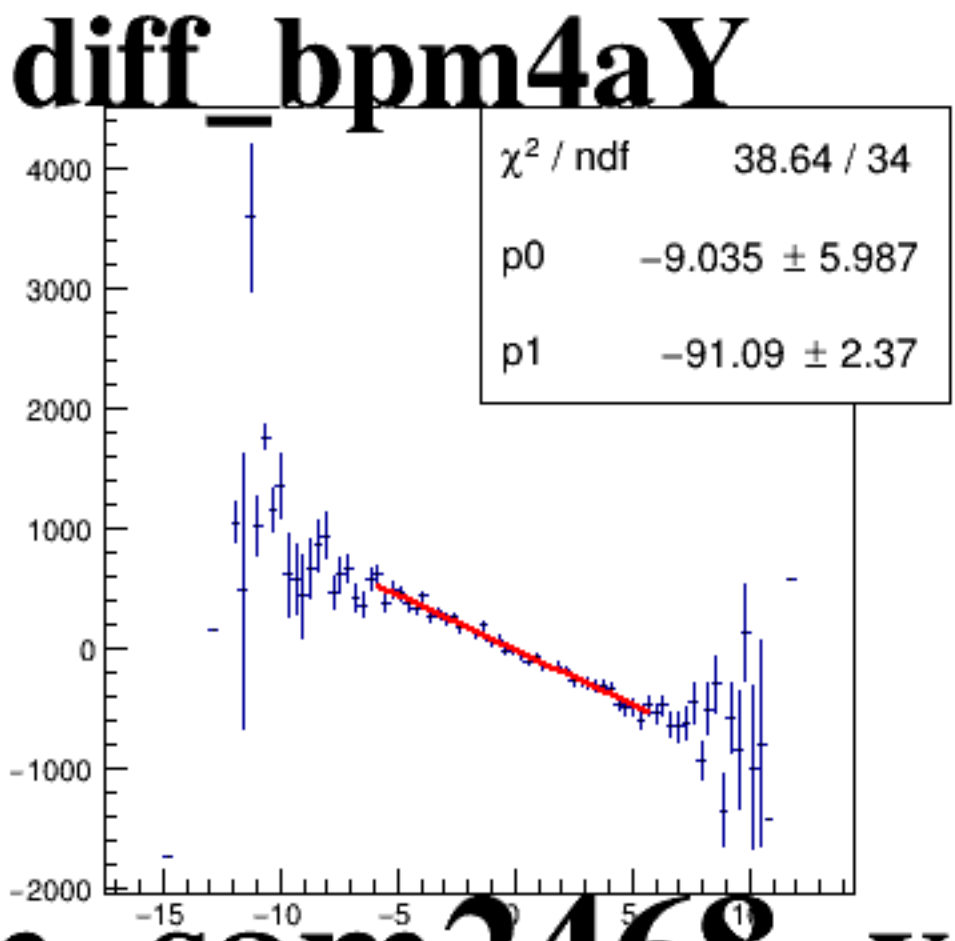
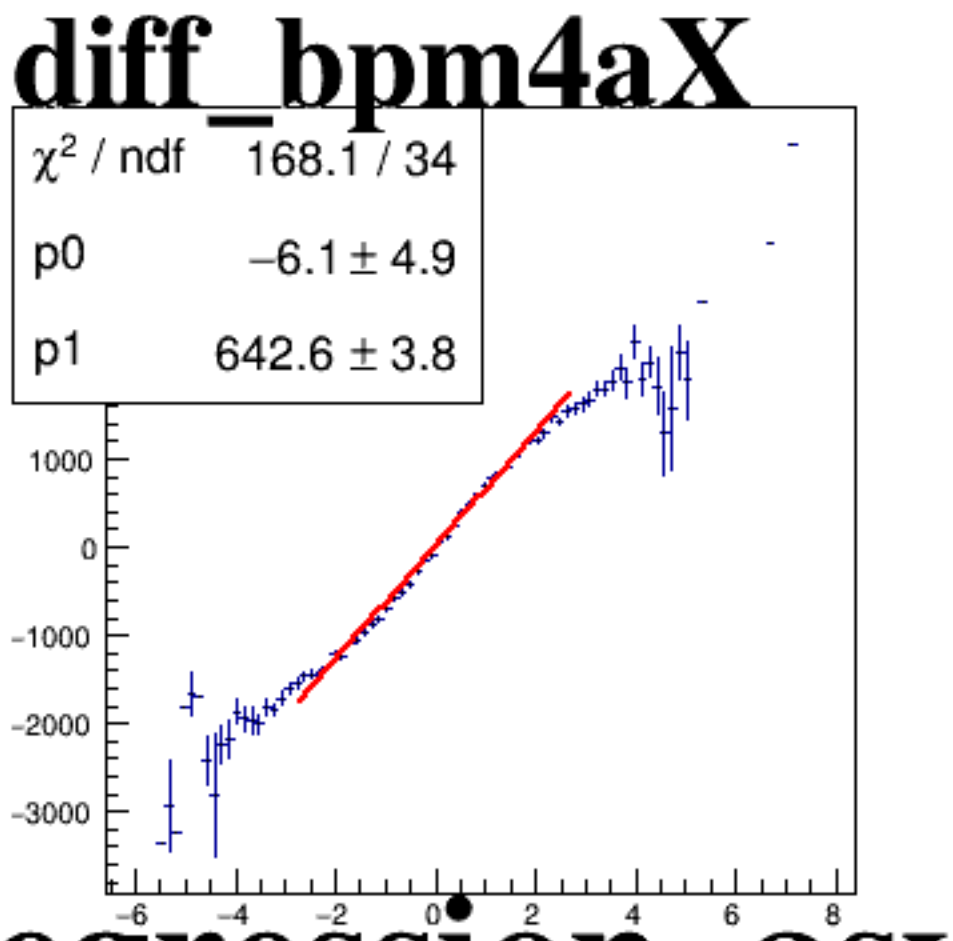
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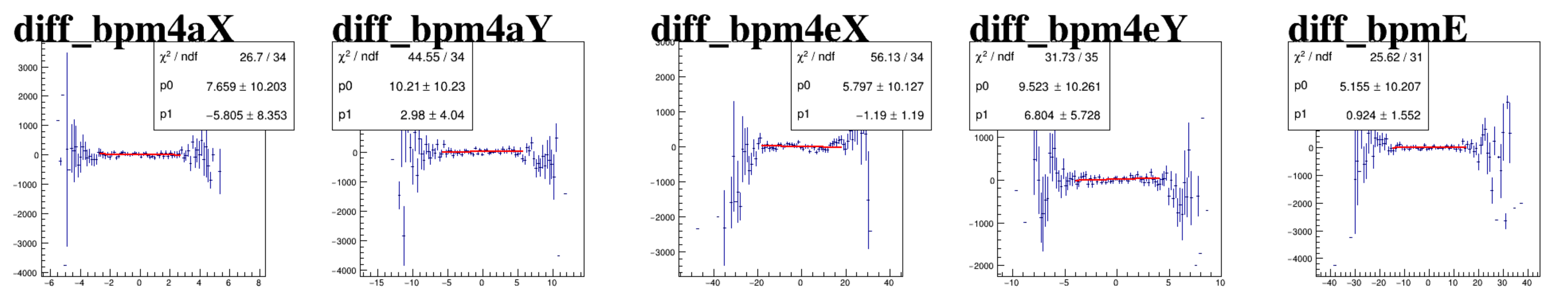
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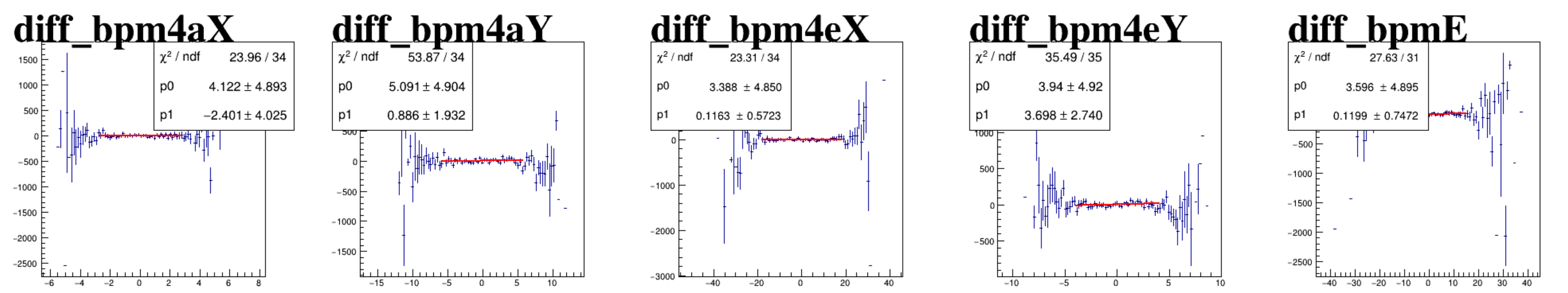
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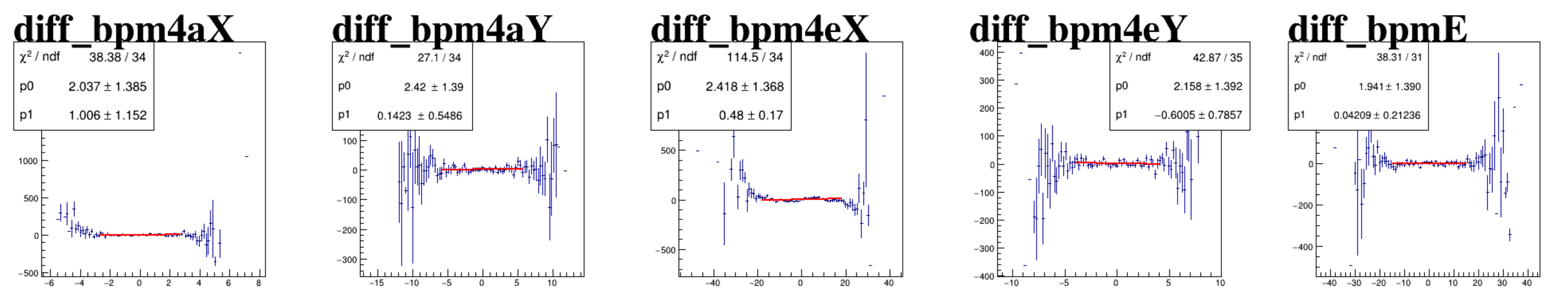
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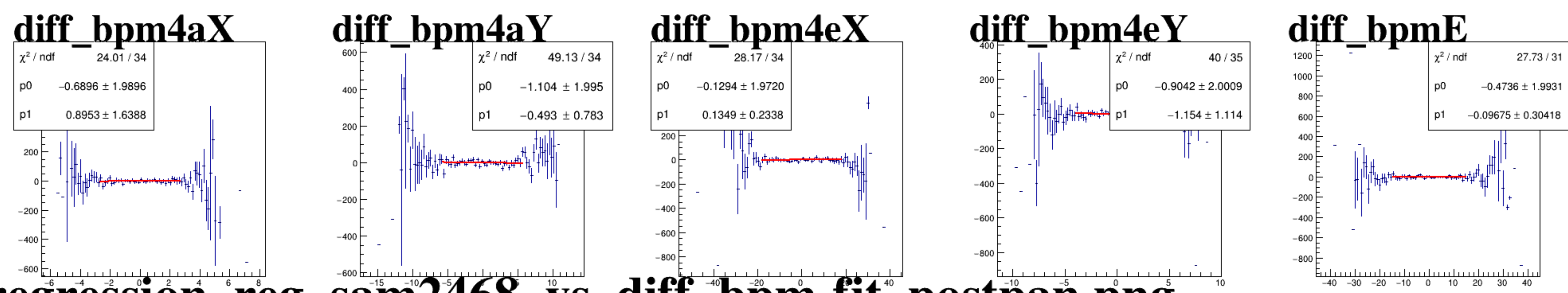
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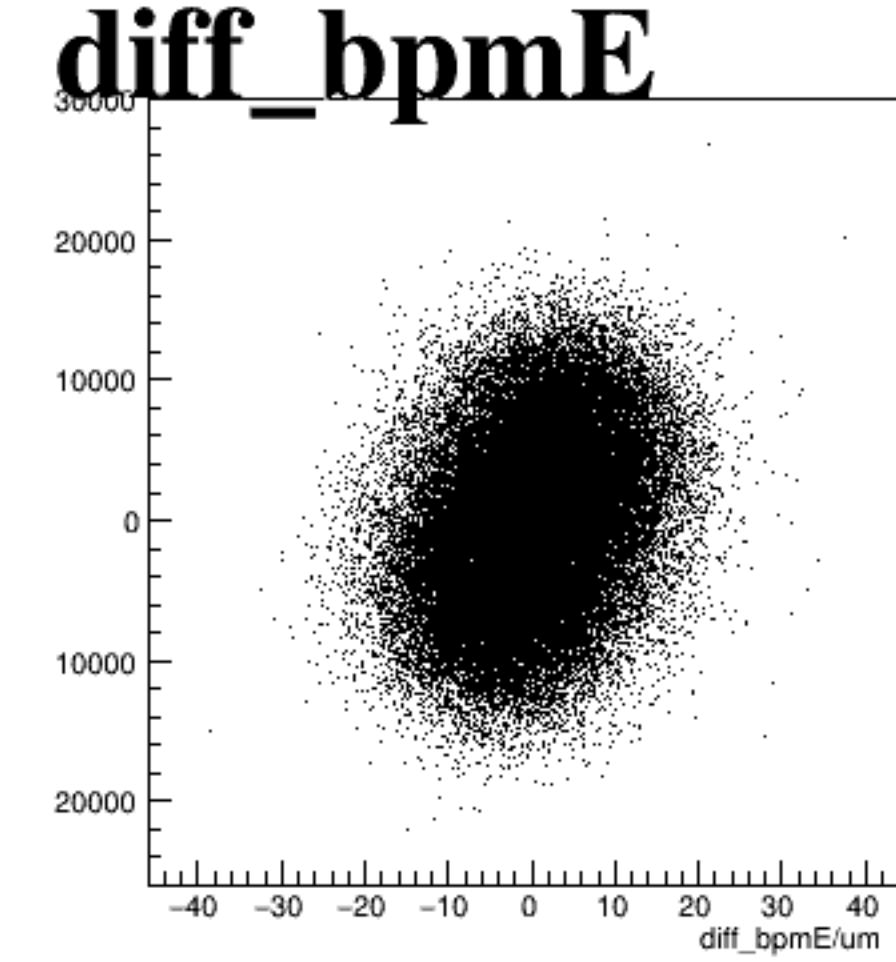
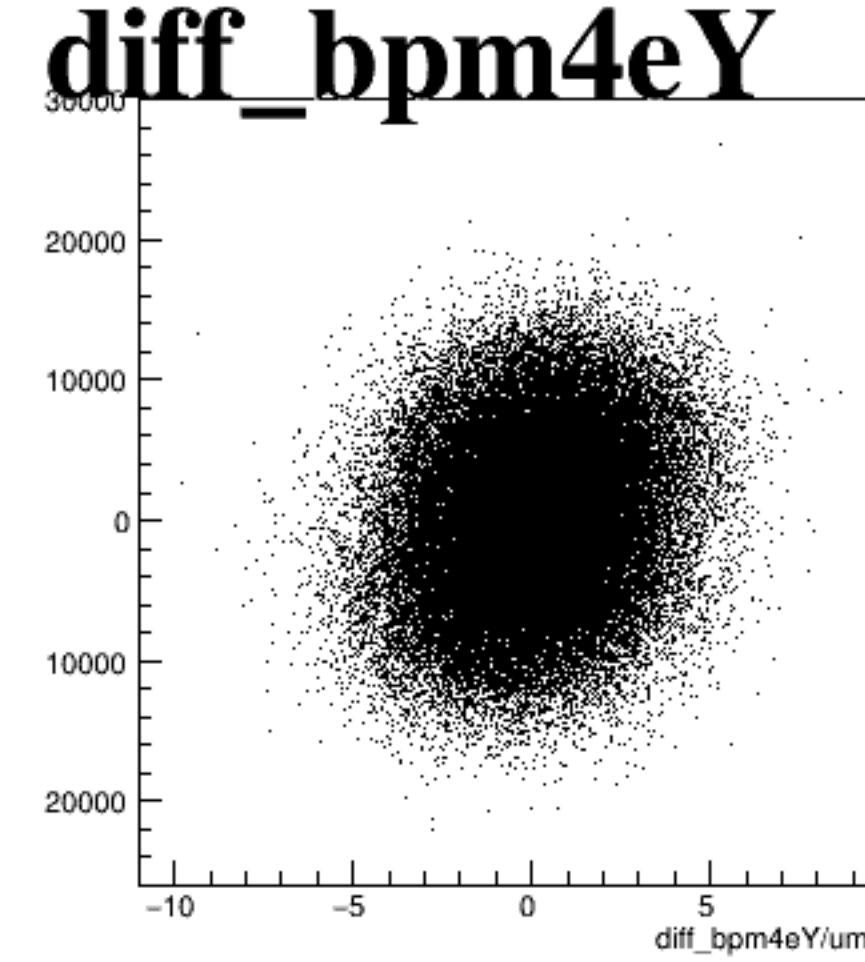
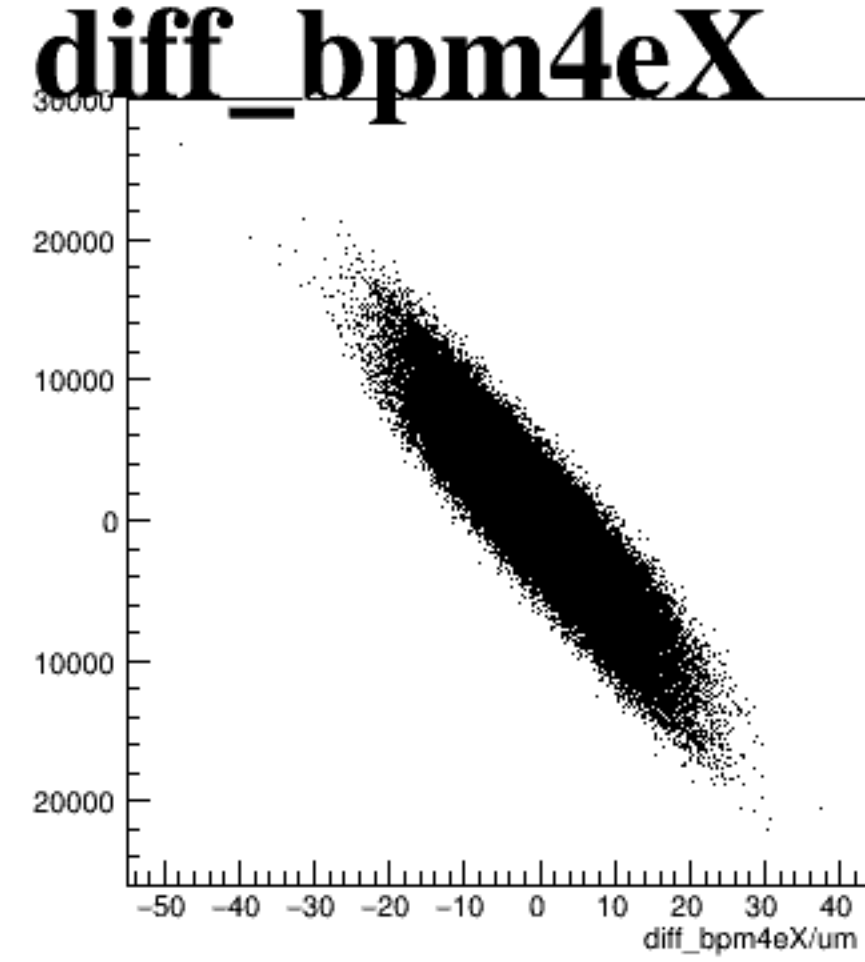
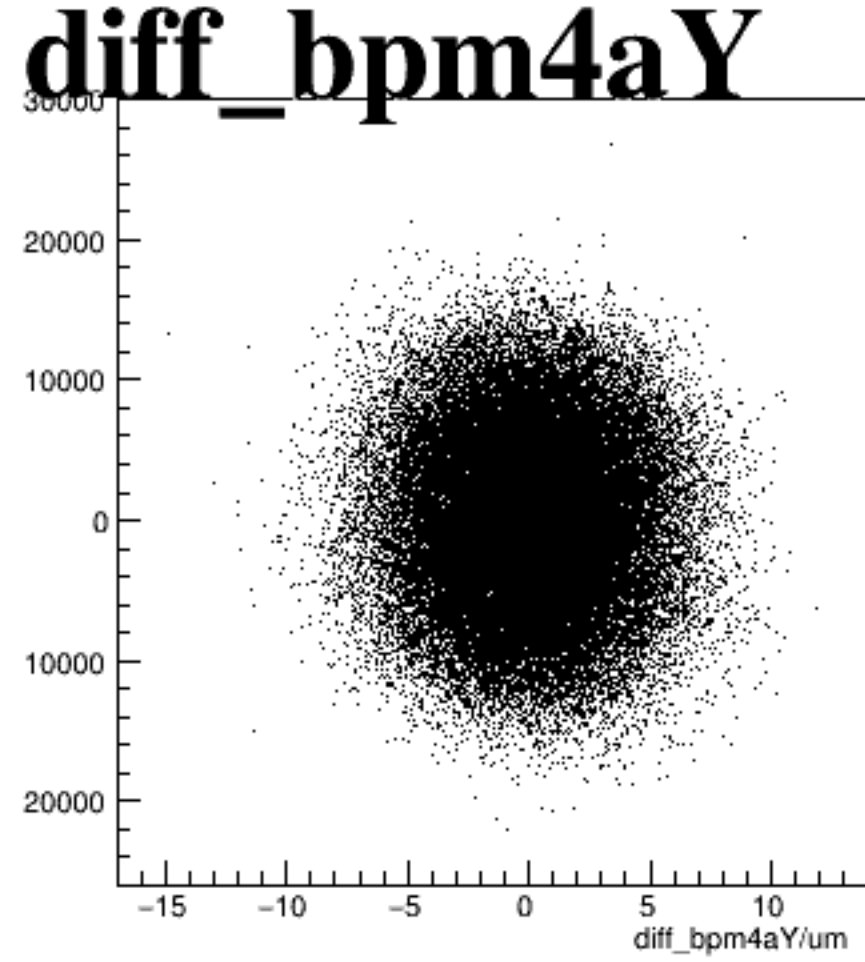
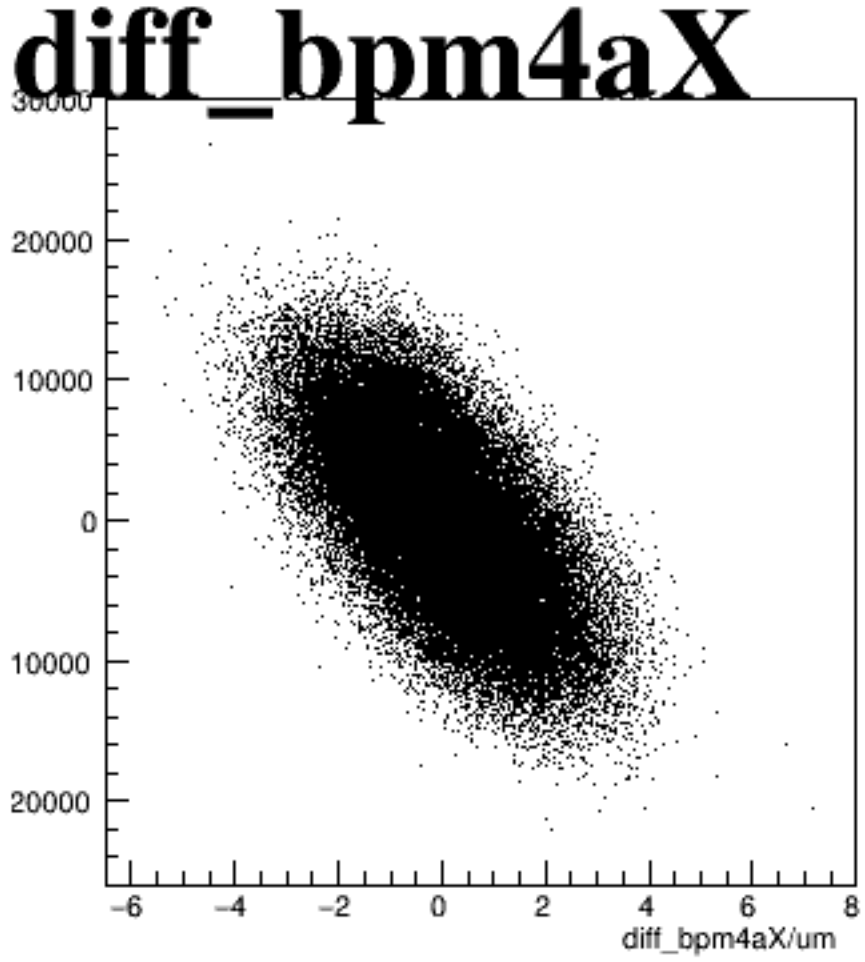
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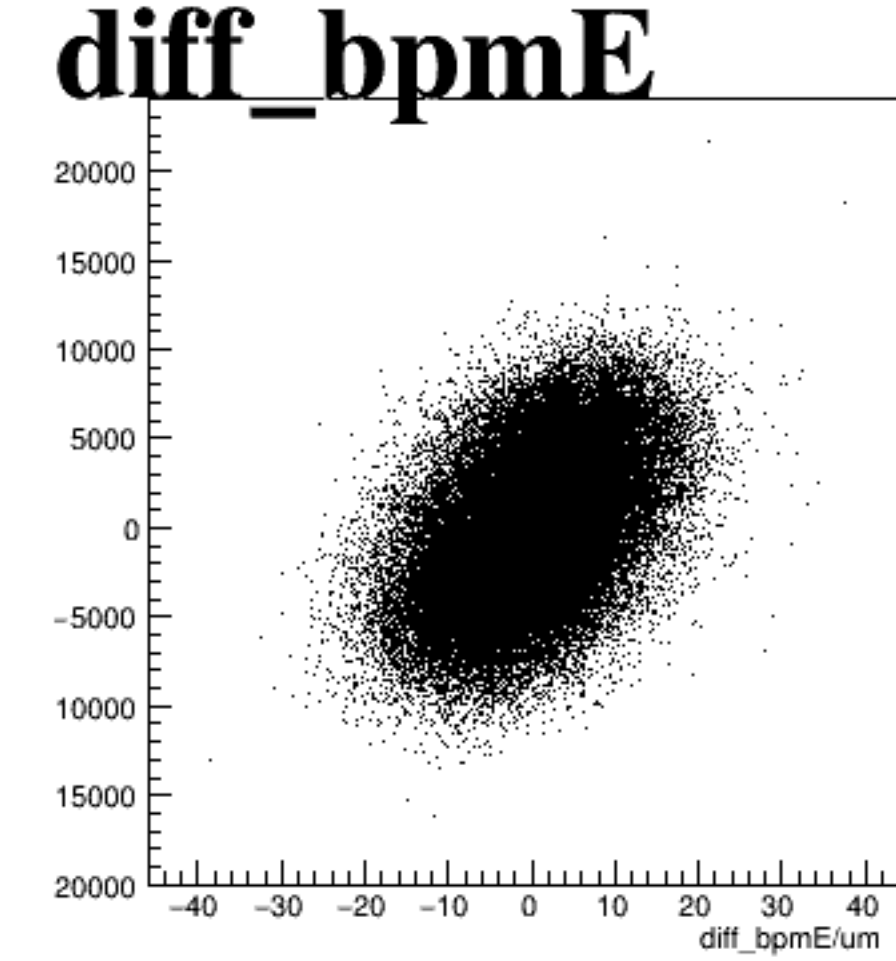
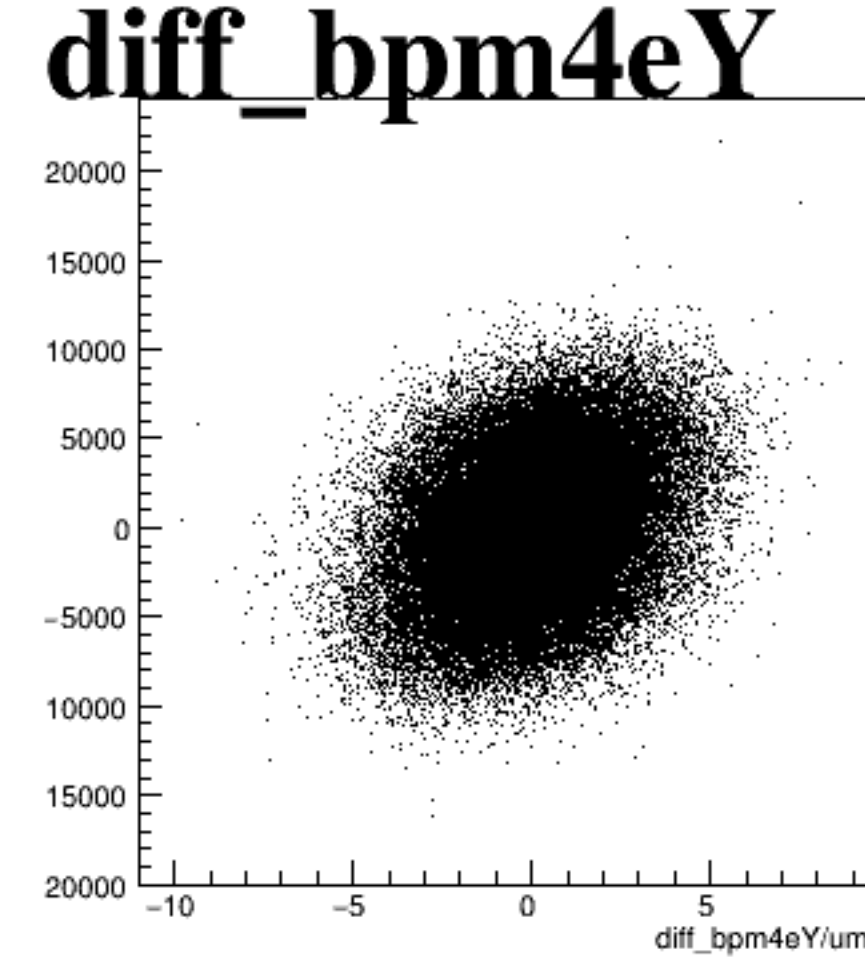
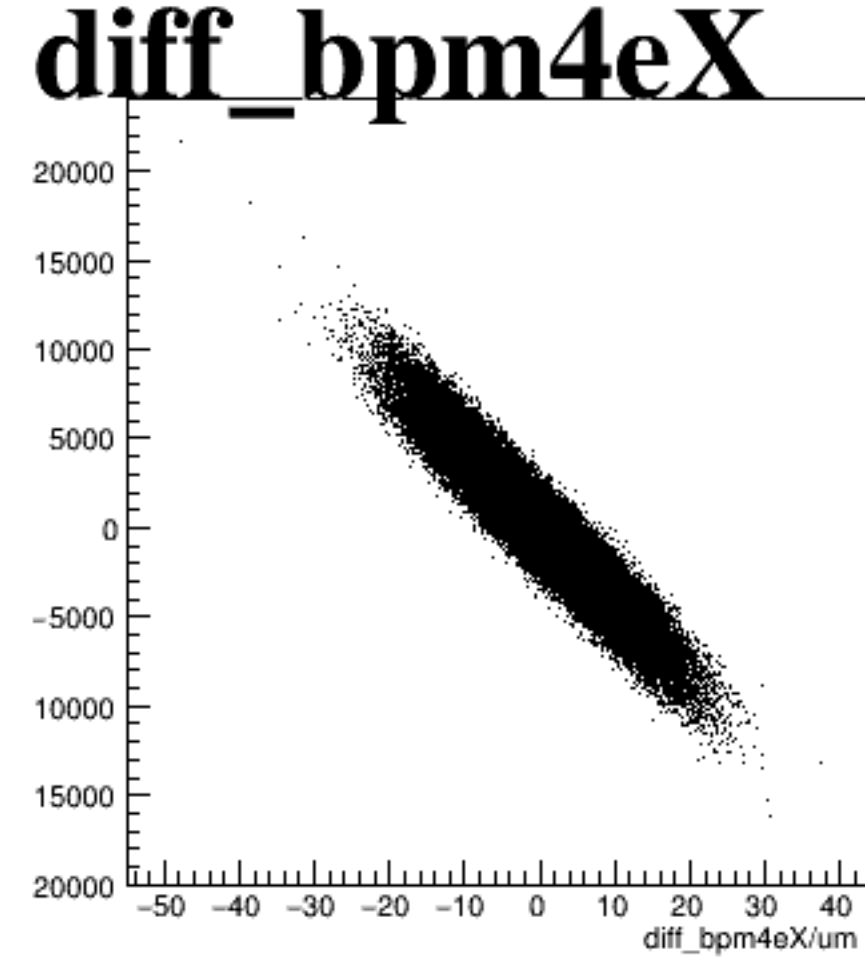
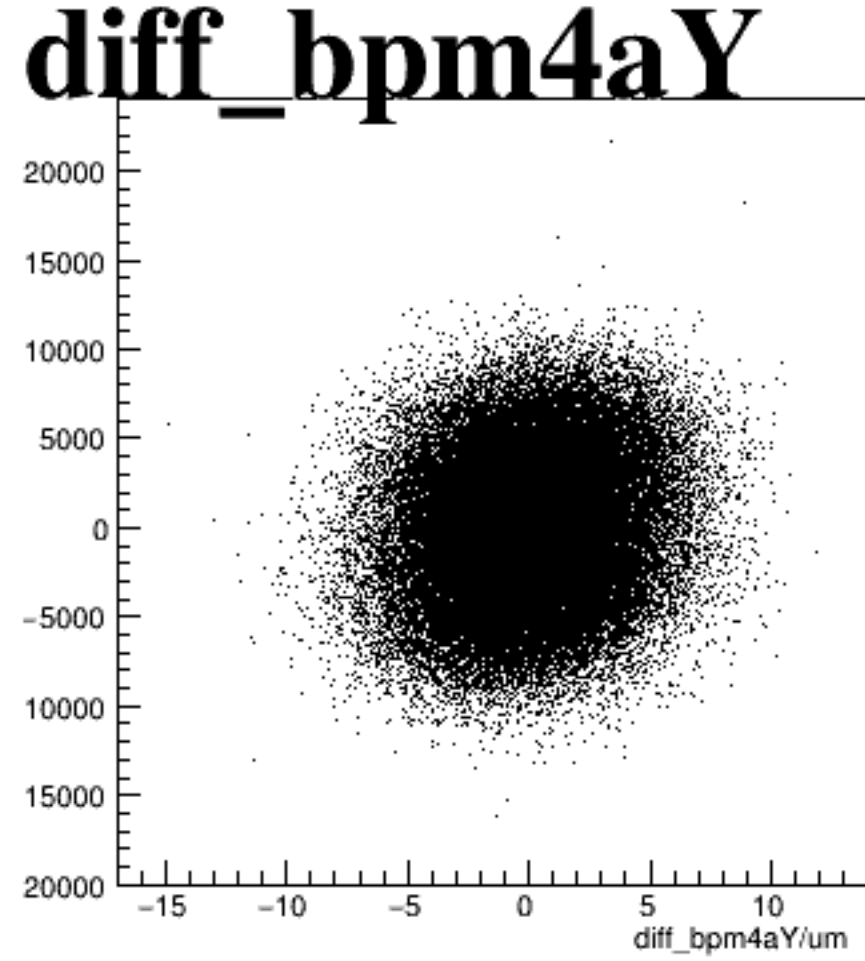
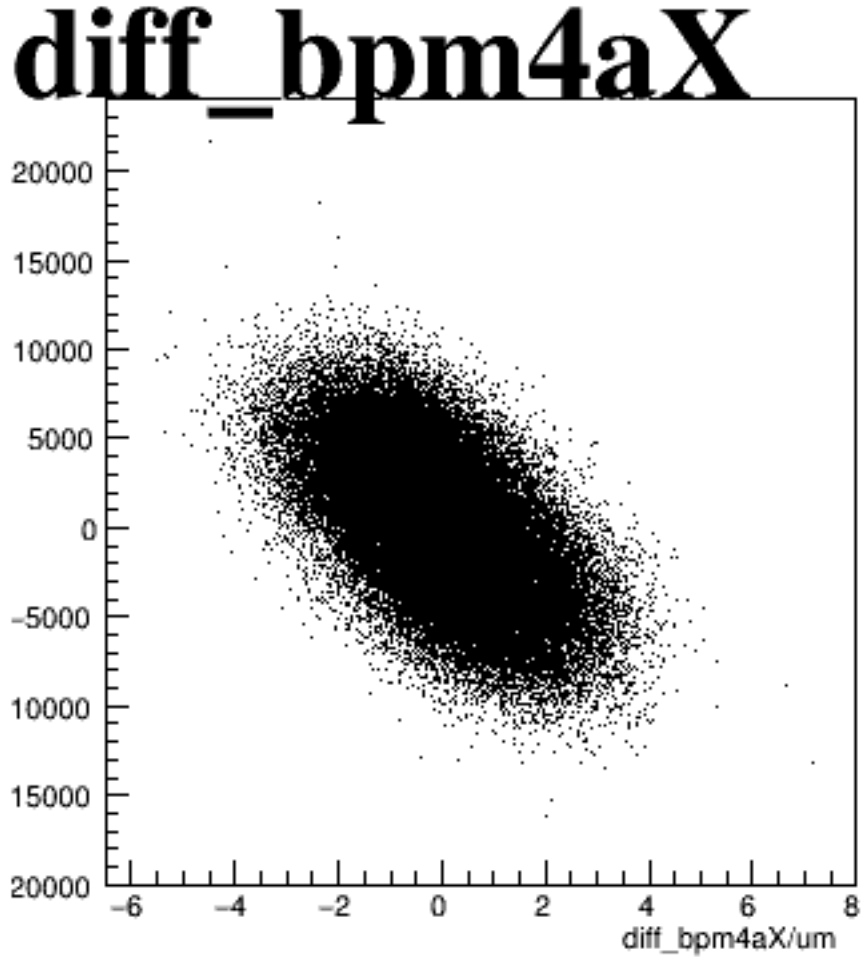
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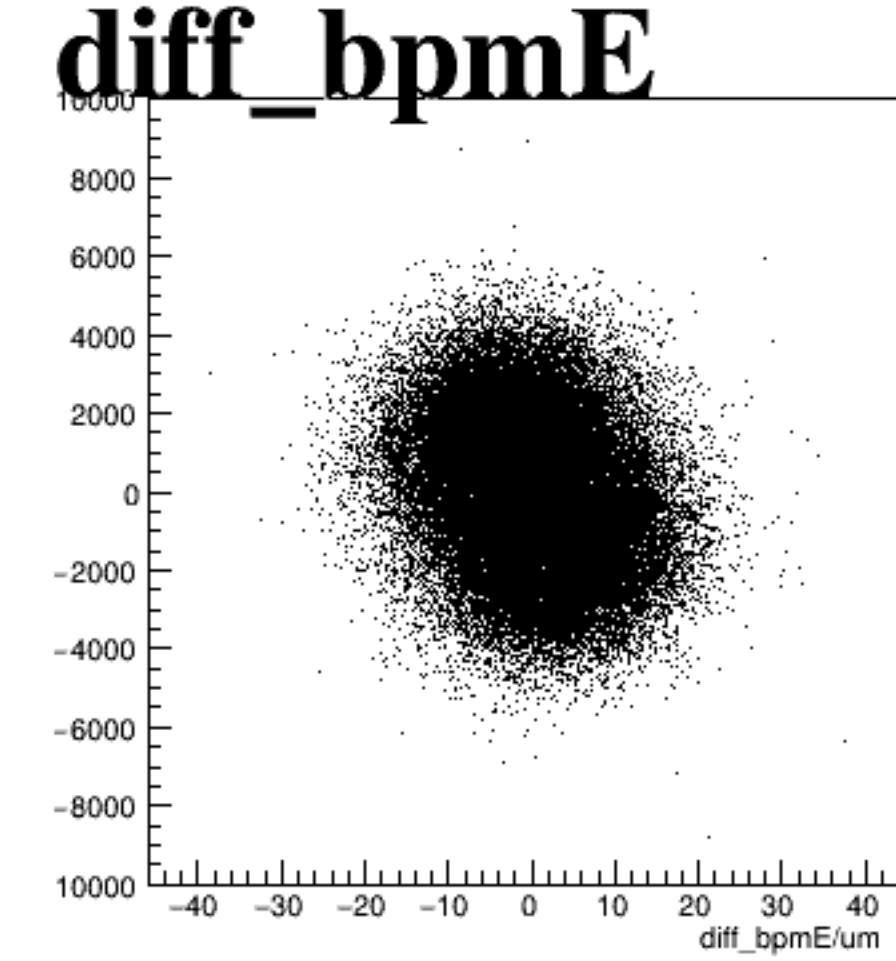
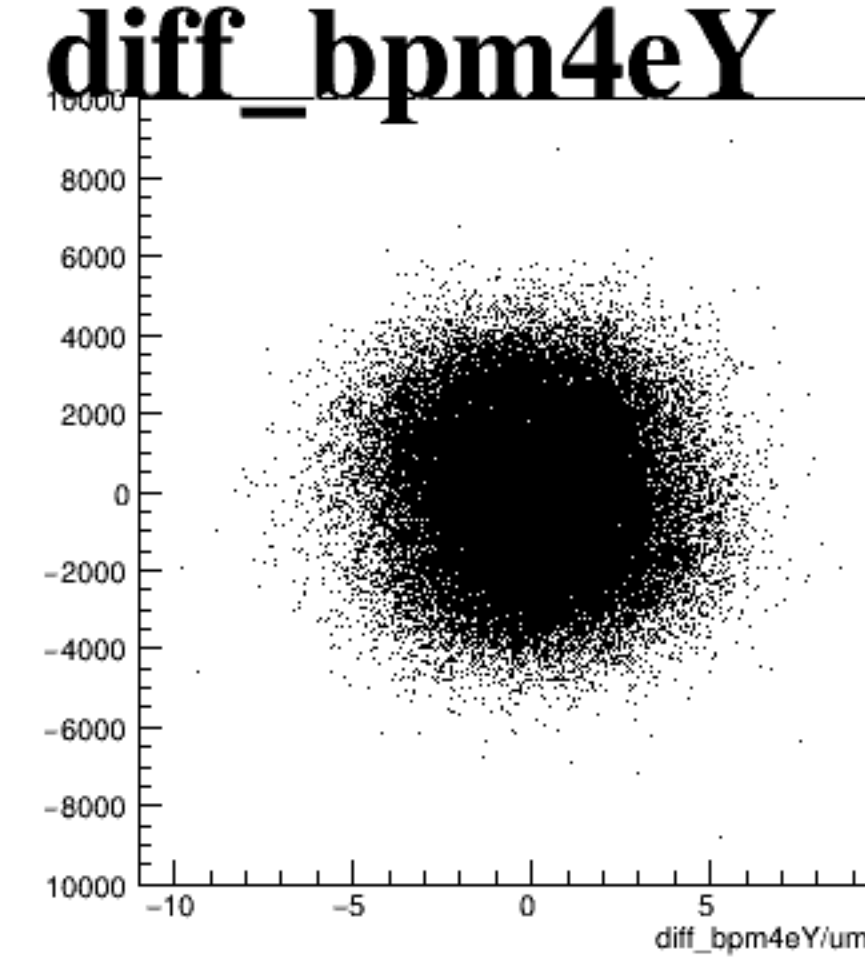
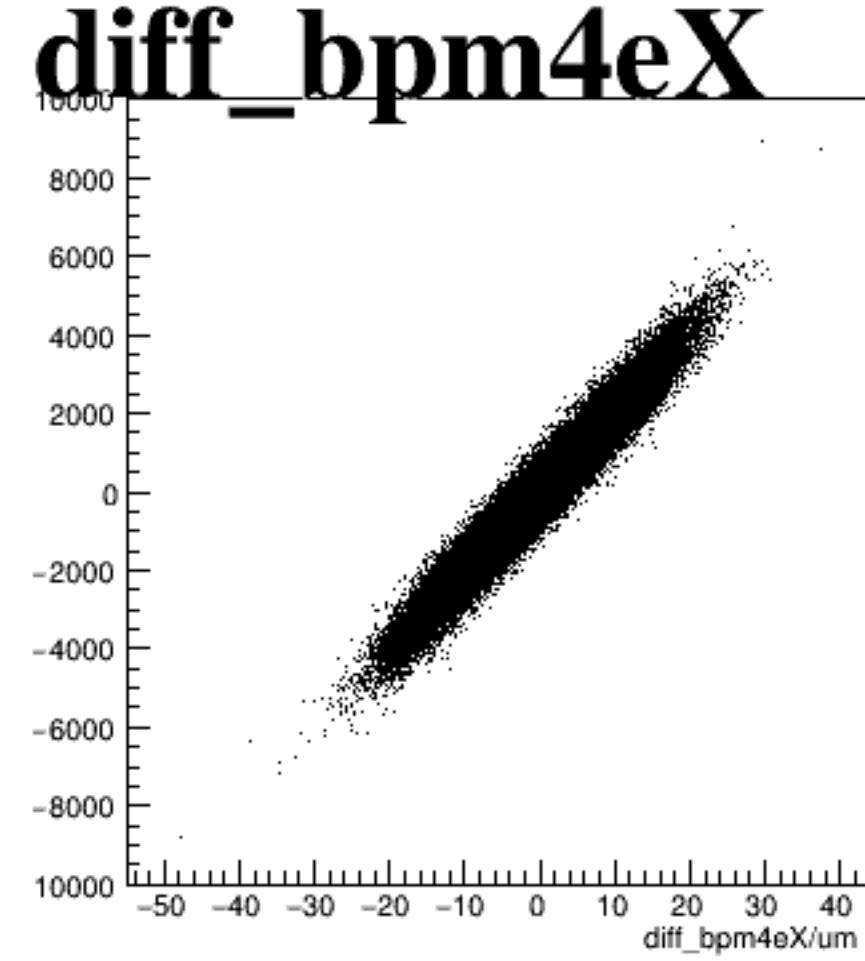
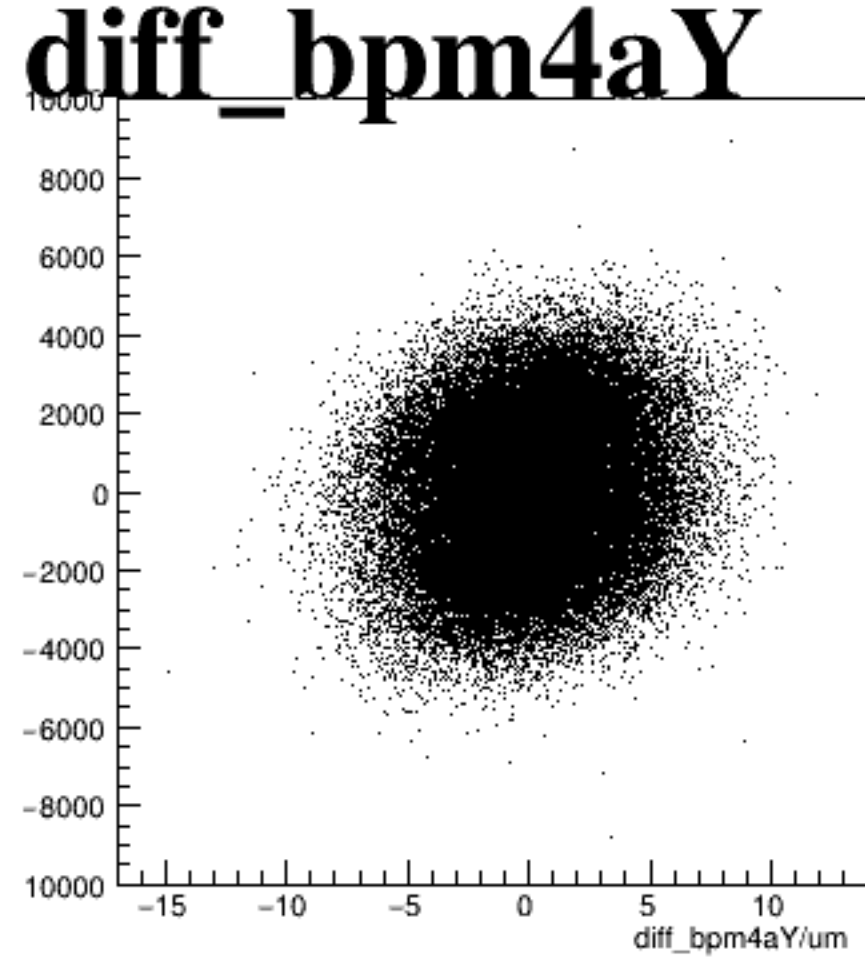
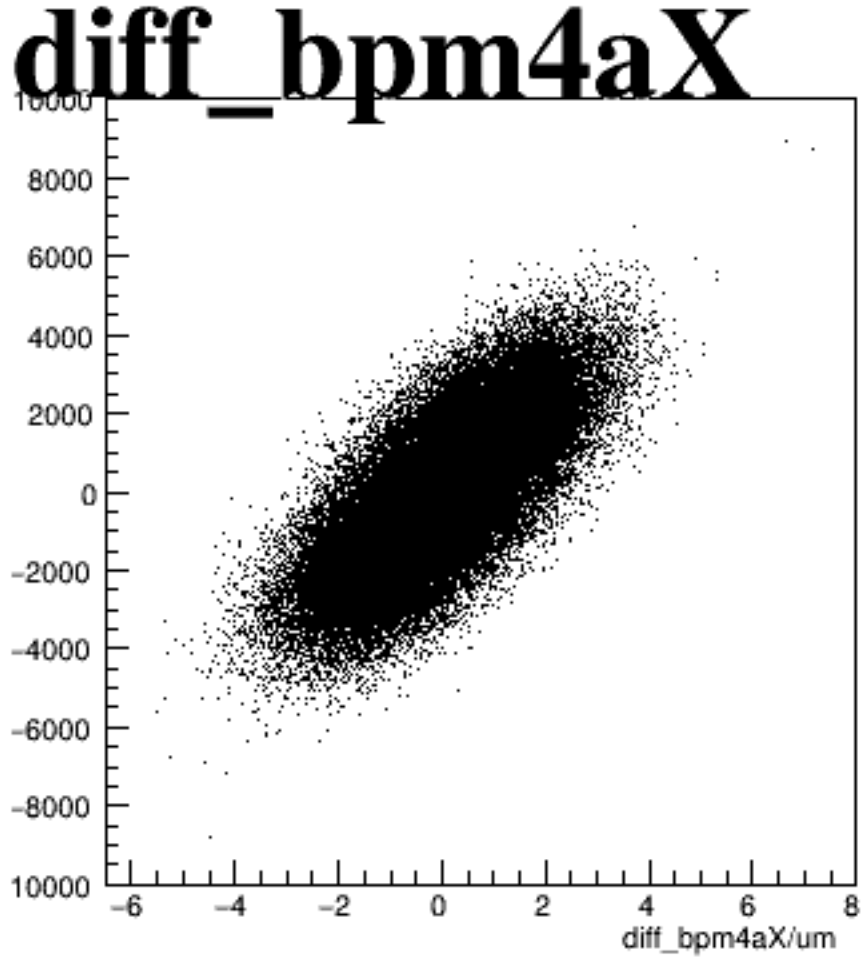
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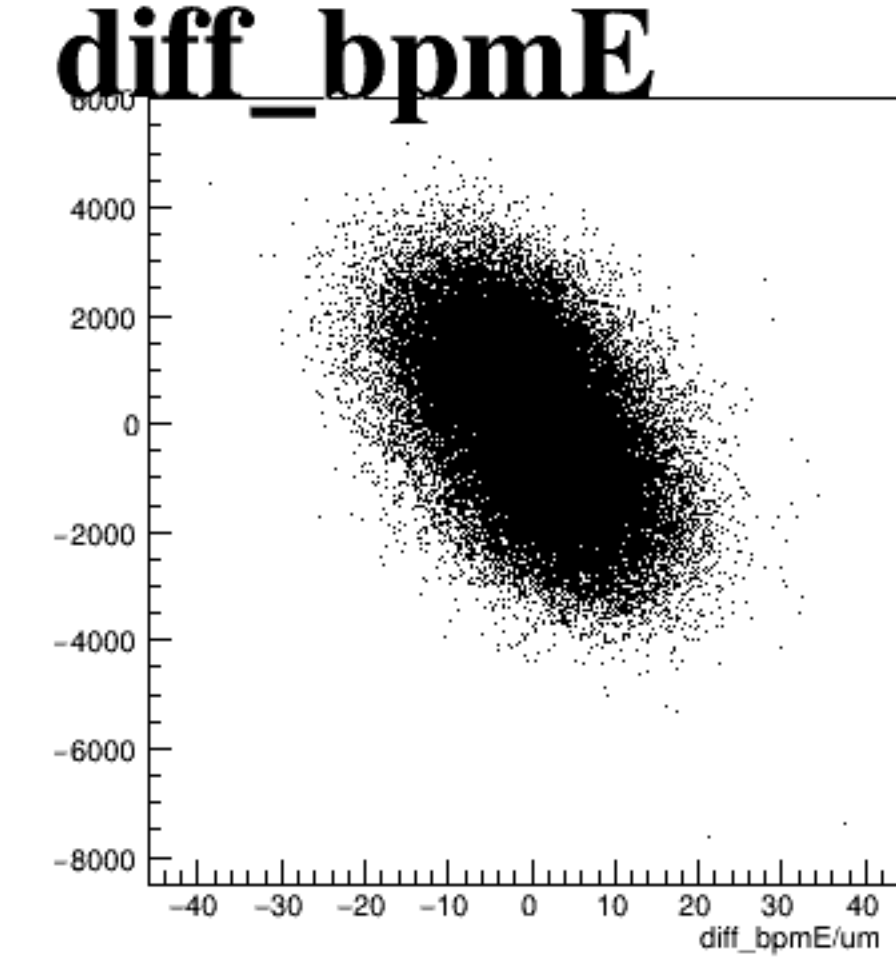
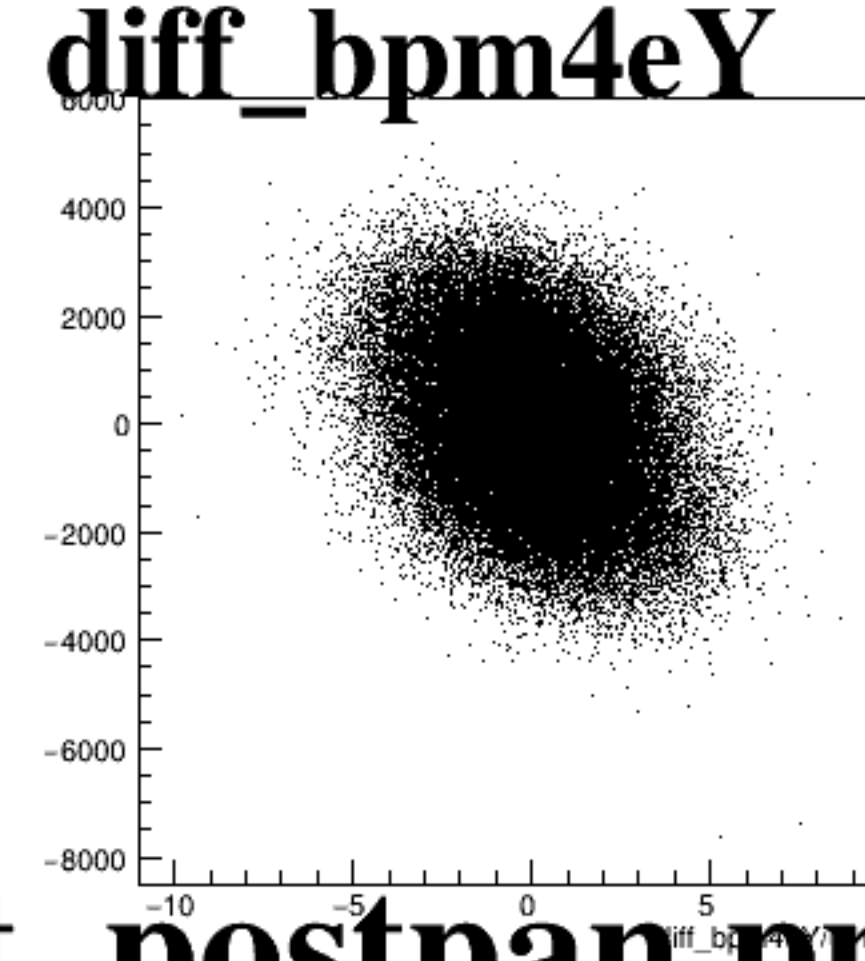
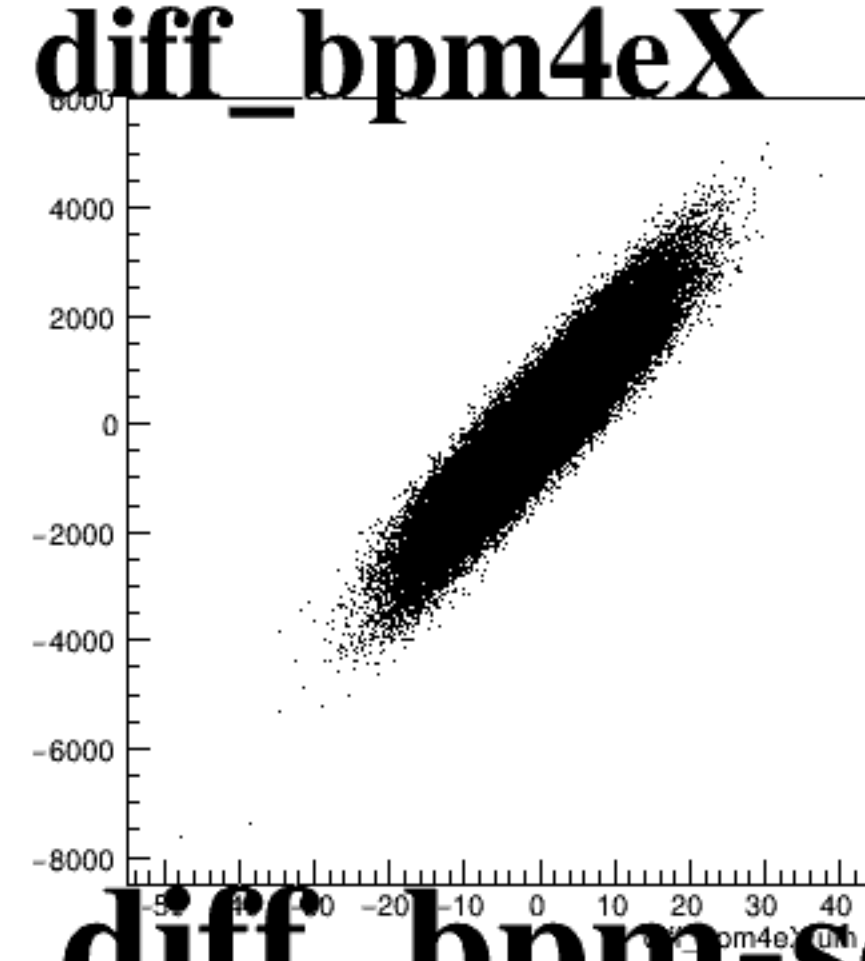
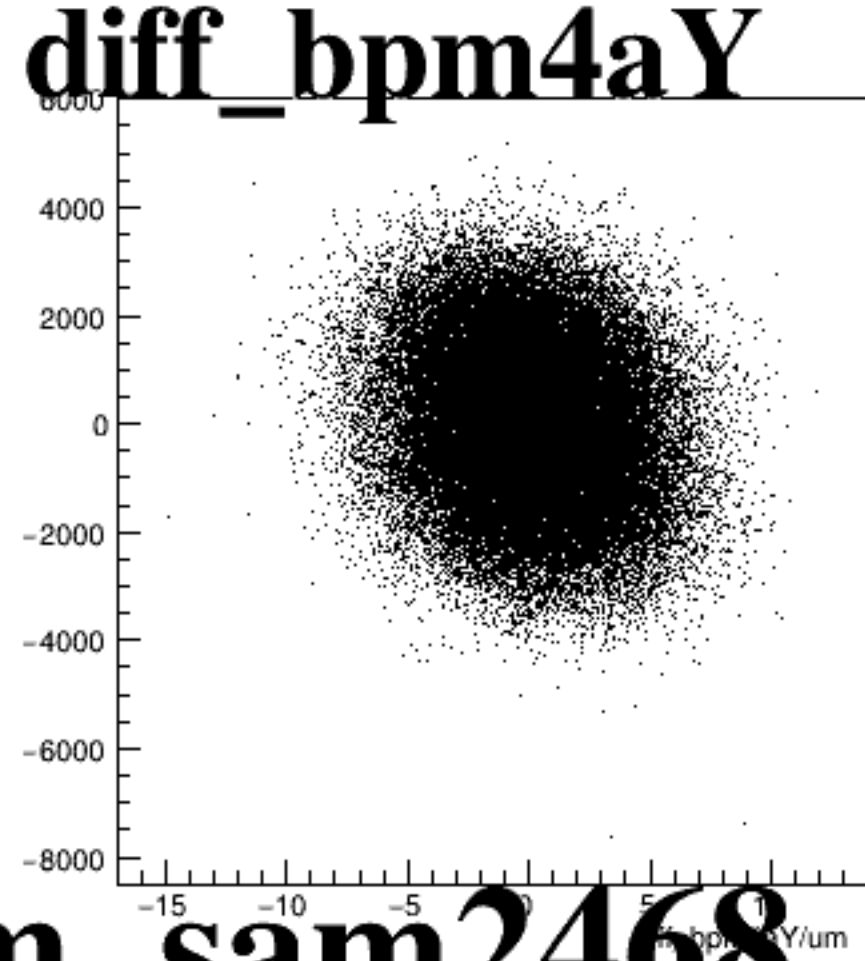
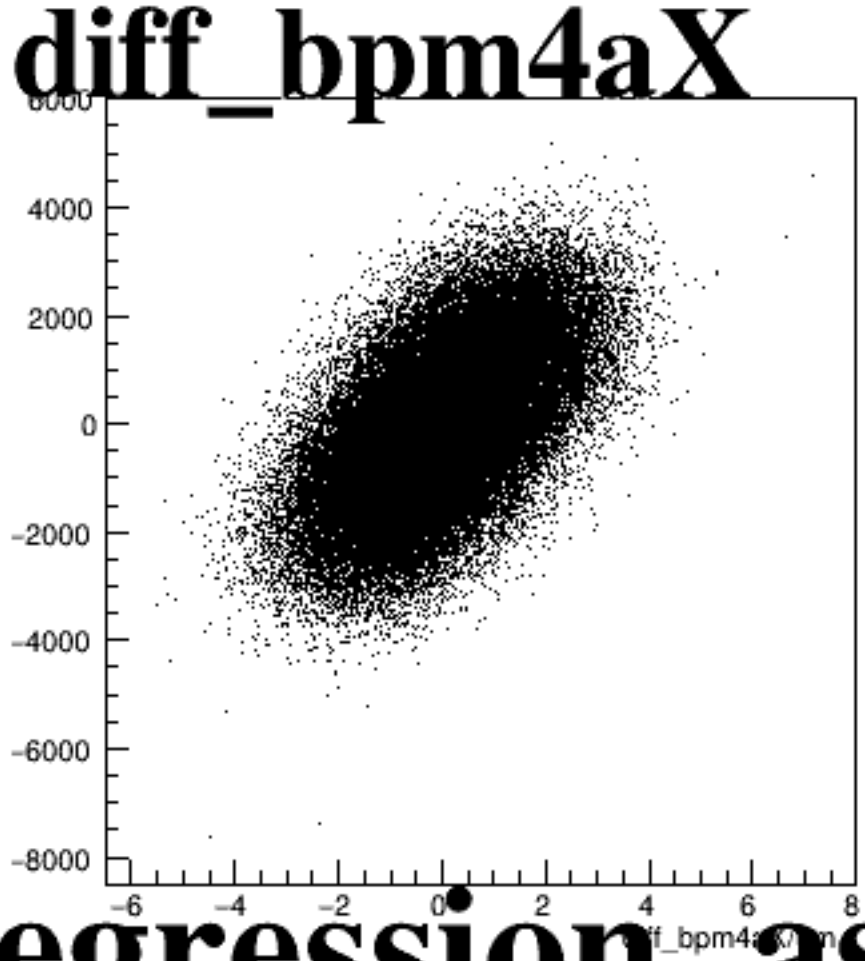
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asym\_sam6

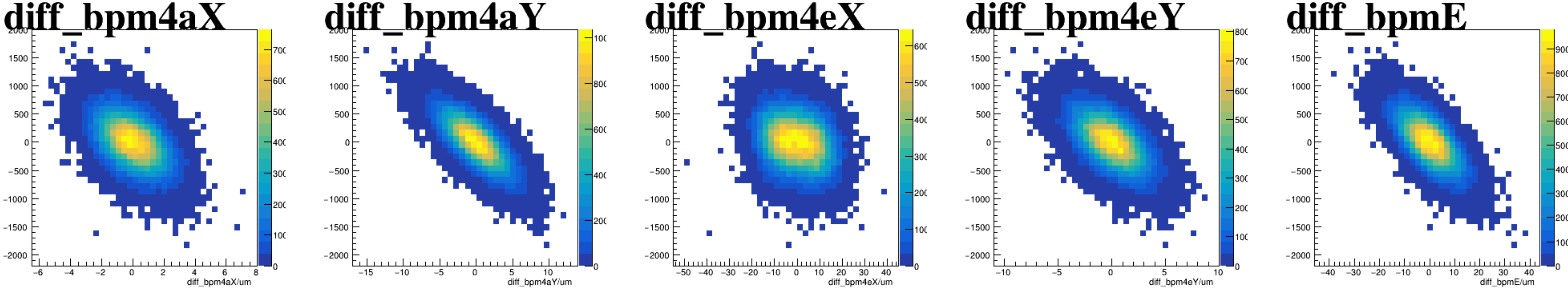


asym\_sam8

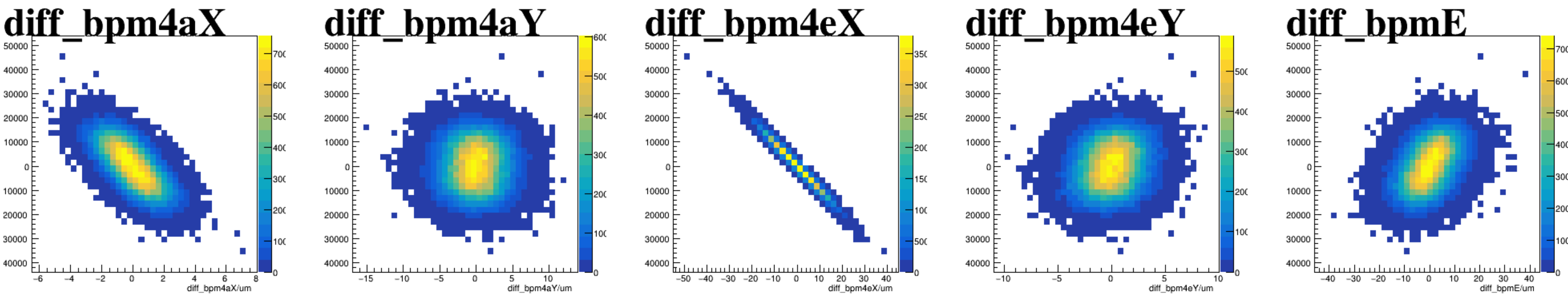


The figure consists of five scatter plots arranged horizontally, each showing the difference in BPM (diff\_bpm) for a specific beam parameter. The y-axis for all plots is labeled 'diff\_bpm' and ranges from -8000 to 8000. The x-axis for each plot is labeled 'diff\_bpm[parameter]/um' and ranges from -6 to 8 for X, -15 to 10 for Y, -50 to 40 for eX, -10 to 10 for eY, and -40 to 40 for E. The plots show a dense, roughly circular distribution of points centered around zero, indicating that the BPM difference is small and well-distributed across the range of the parameter.

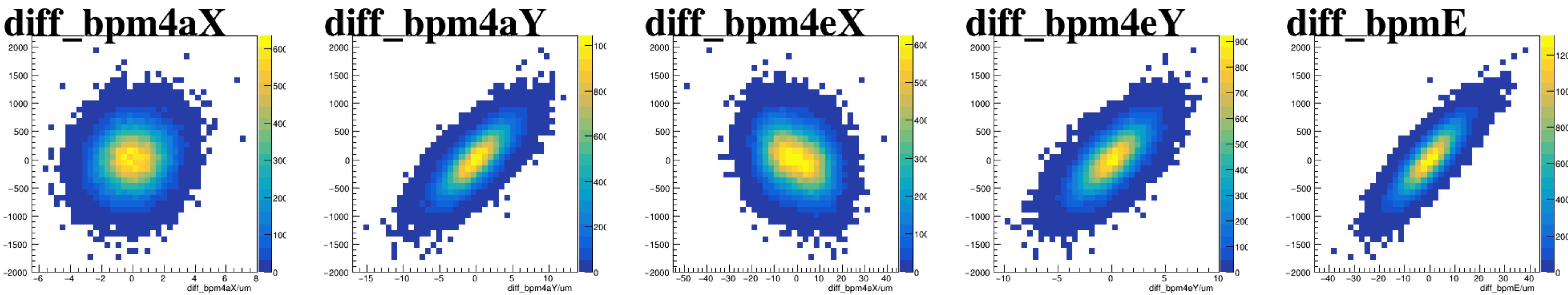
asym\_sam1



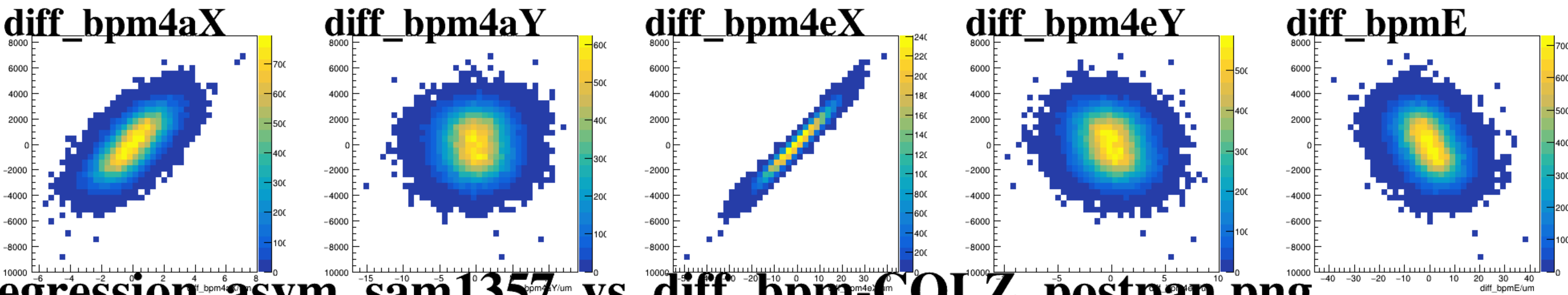
asym\_sam3



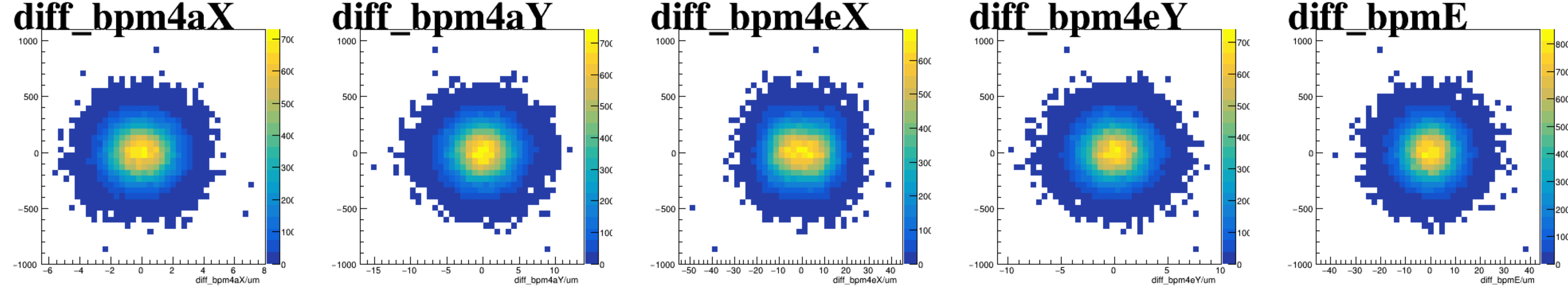
asym\_sam5



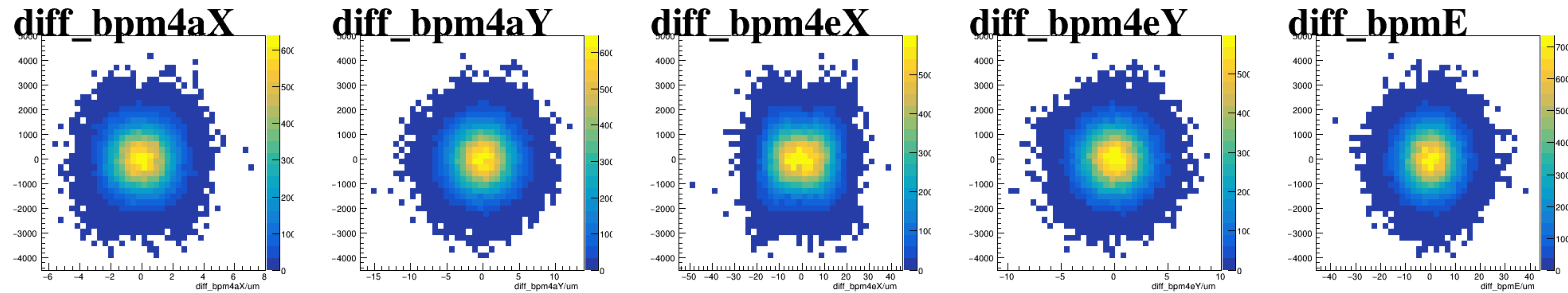
asym\_sam7



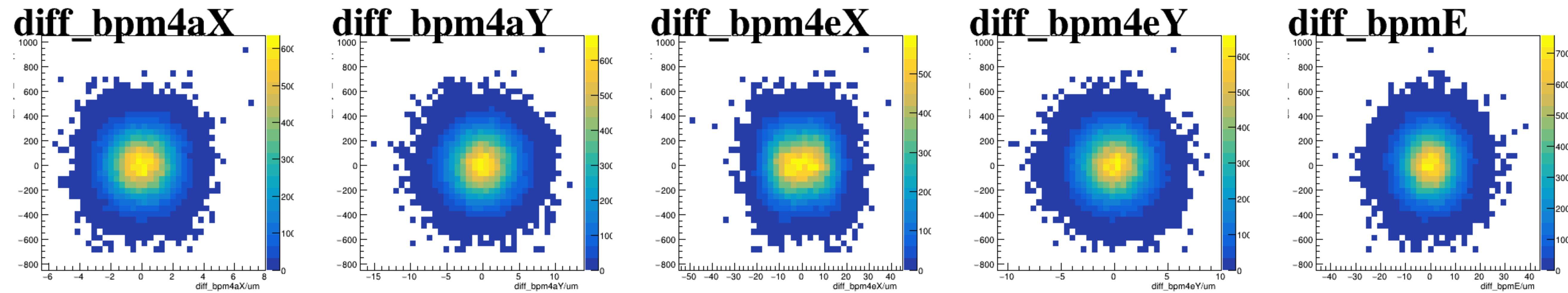
reg\_asym\_sam1



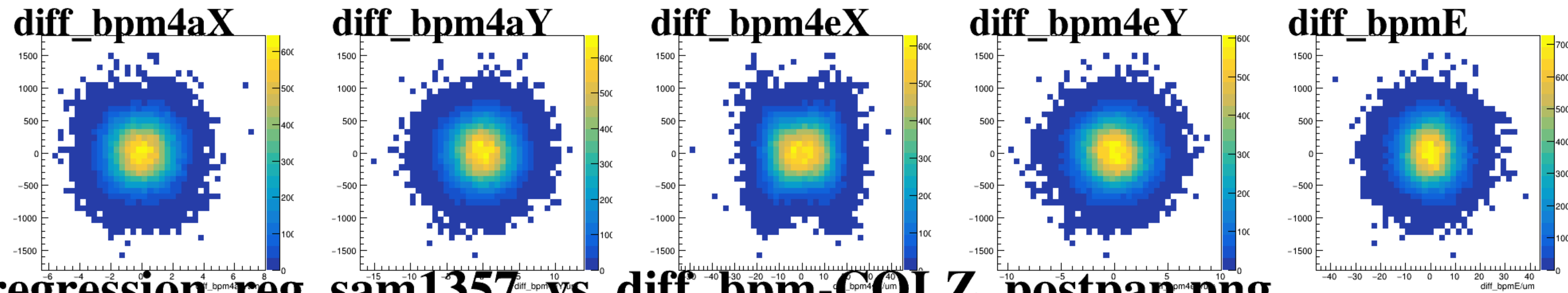
reg\_asym\_sam3



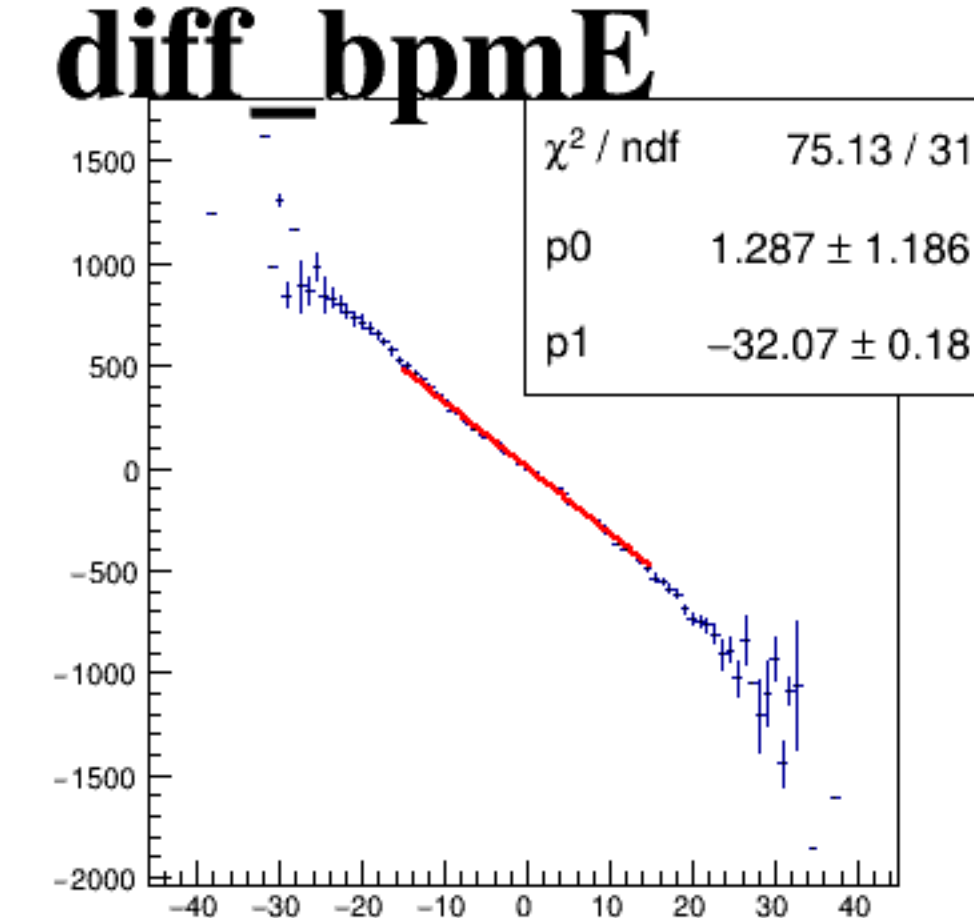
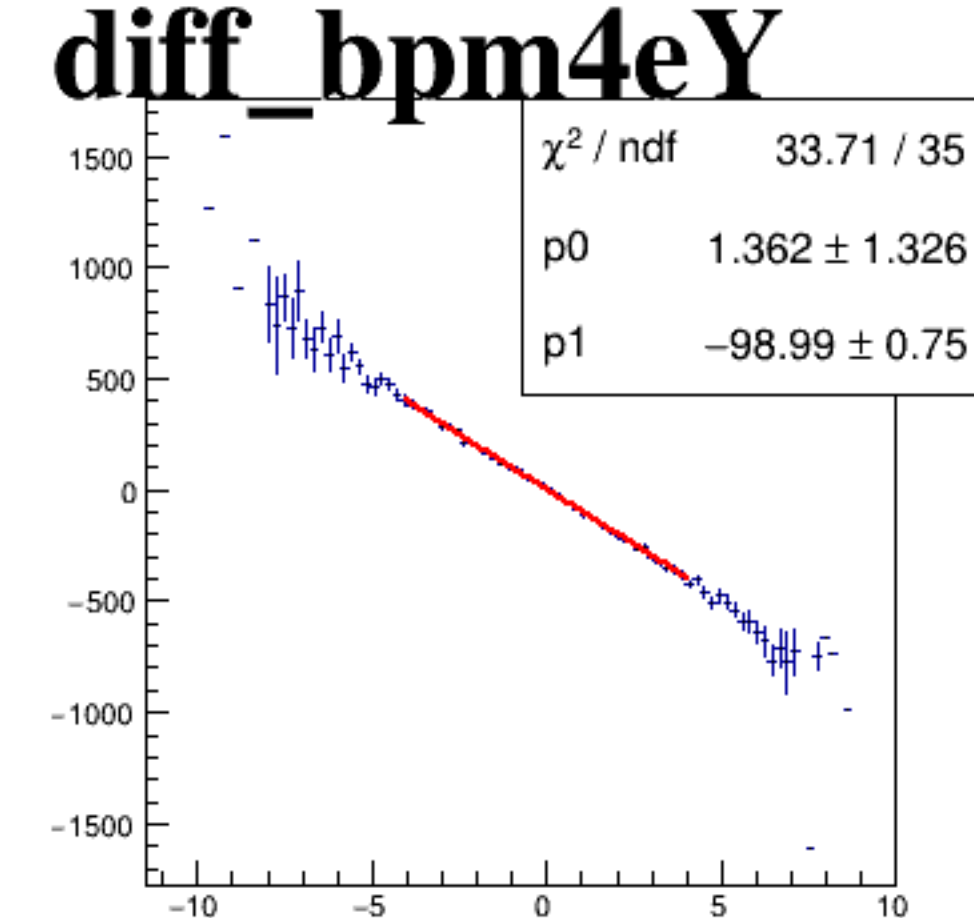
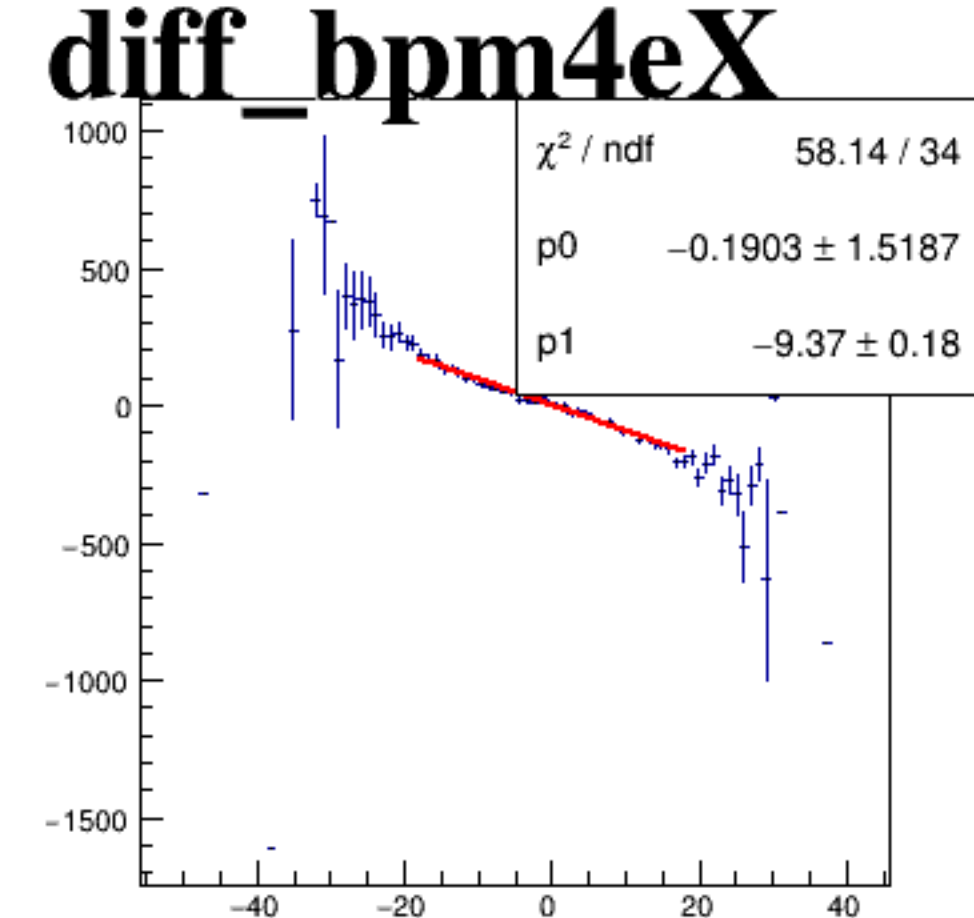
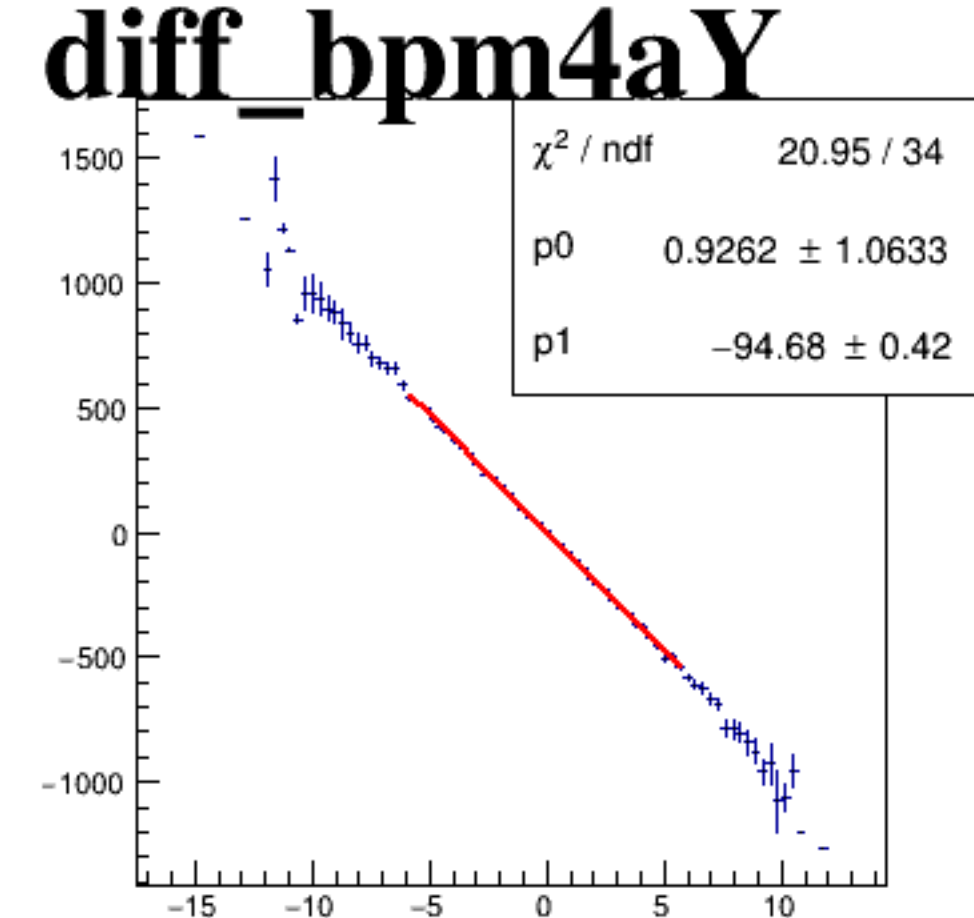
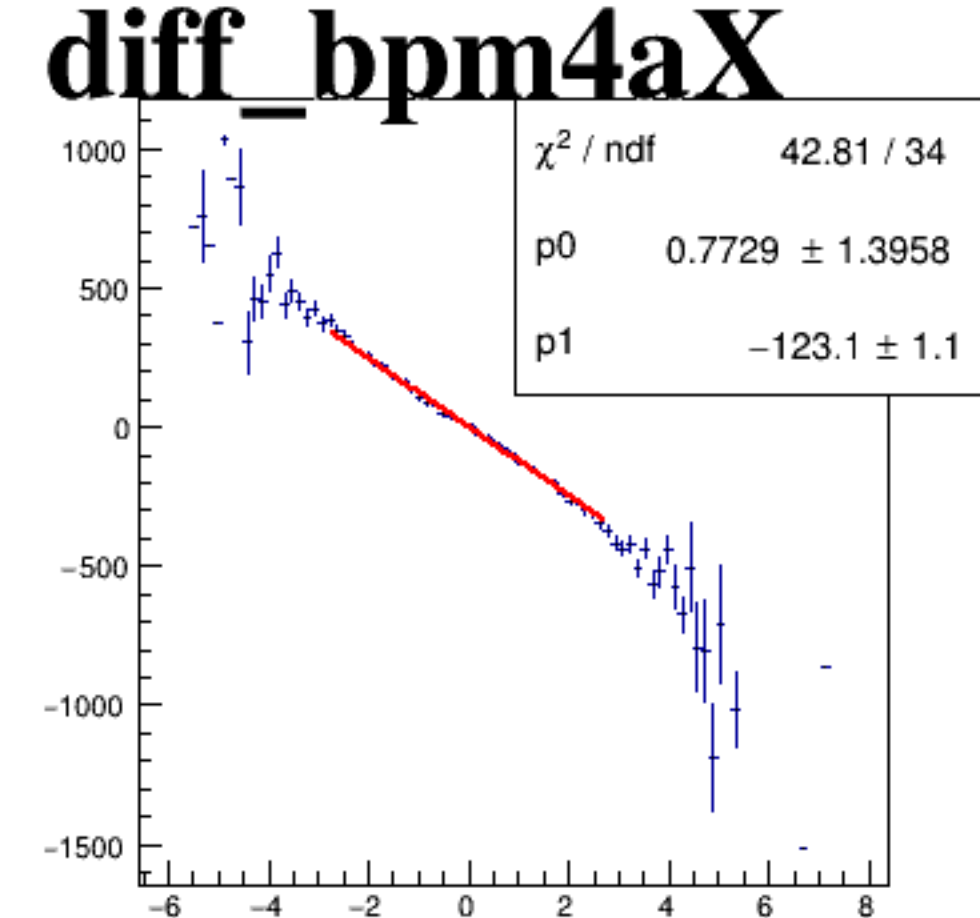
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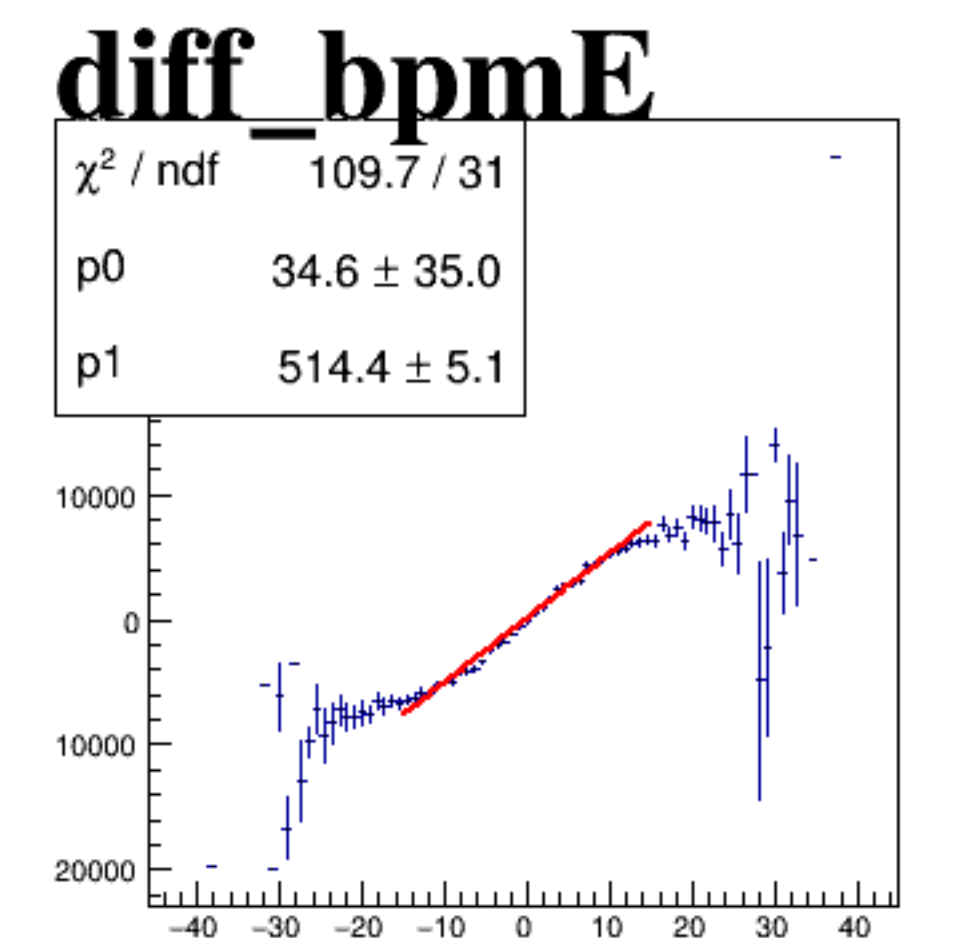
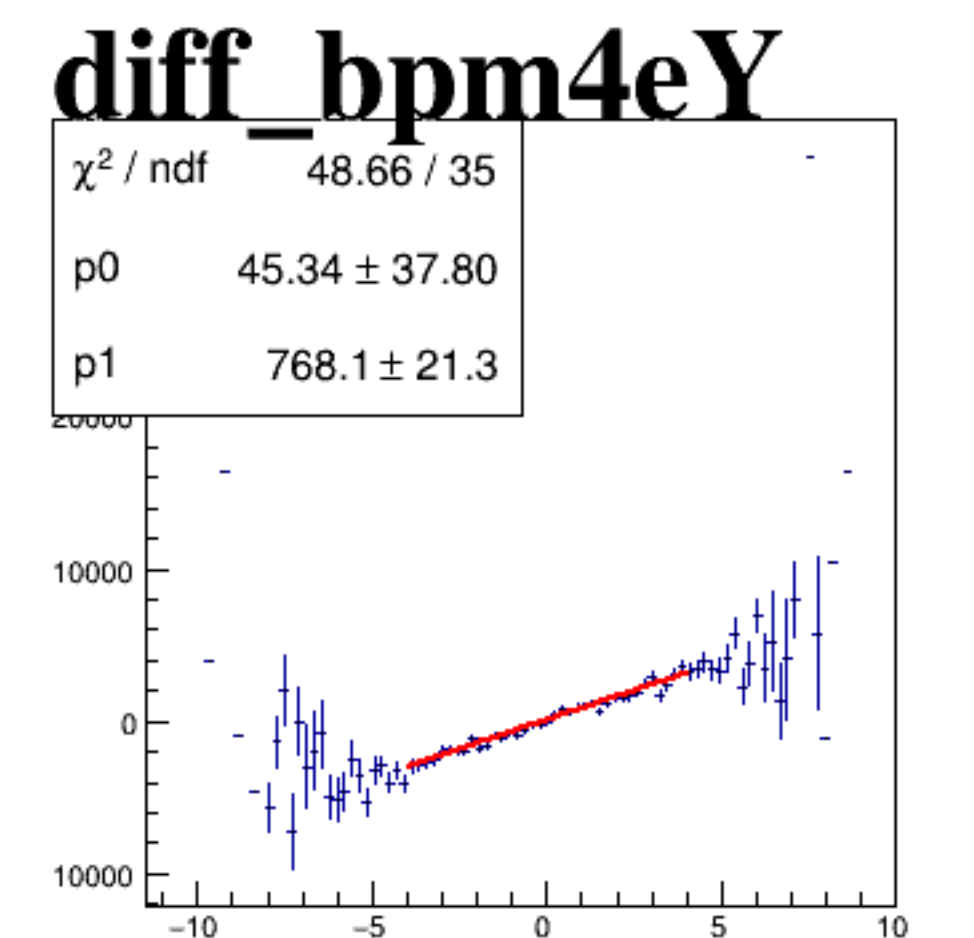
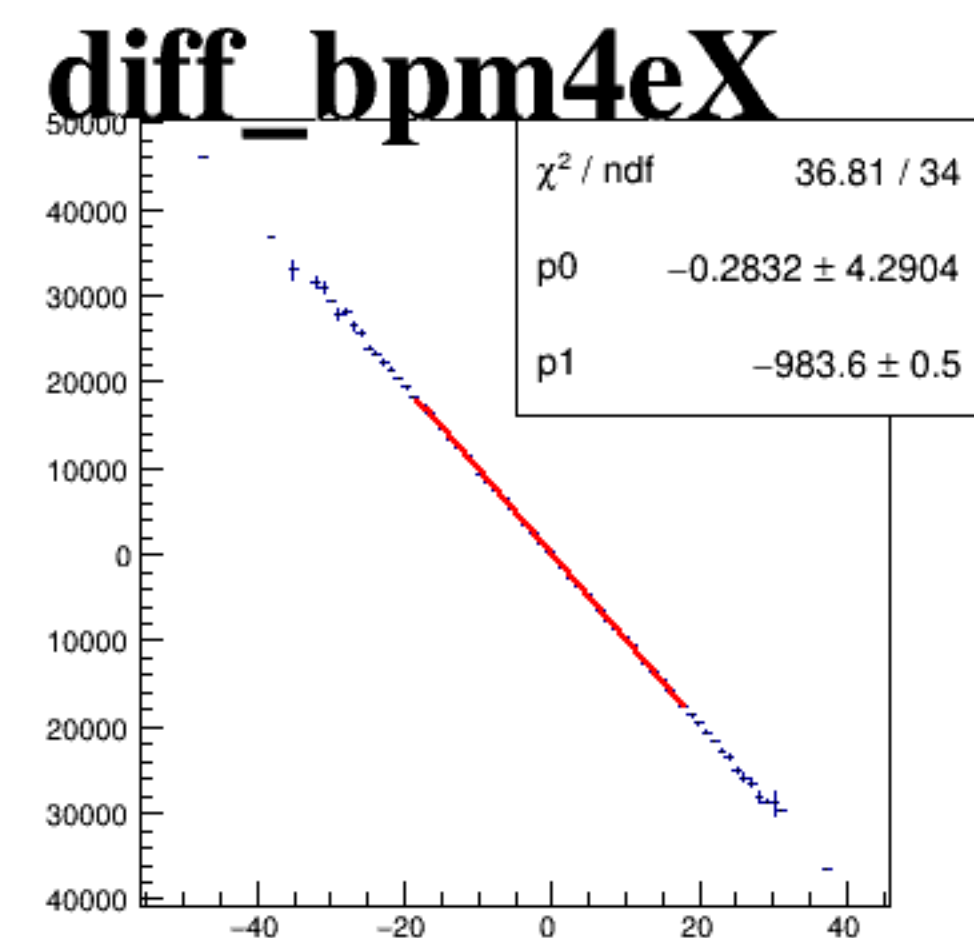
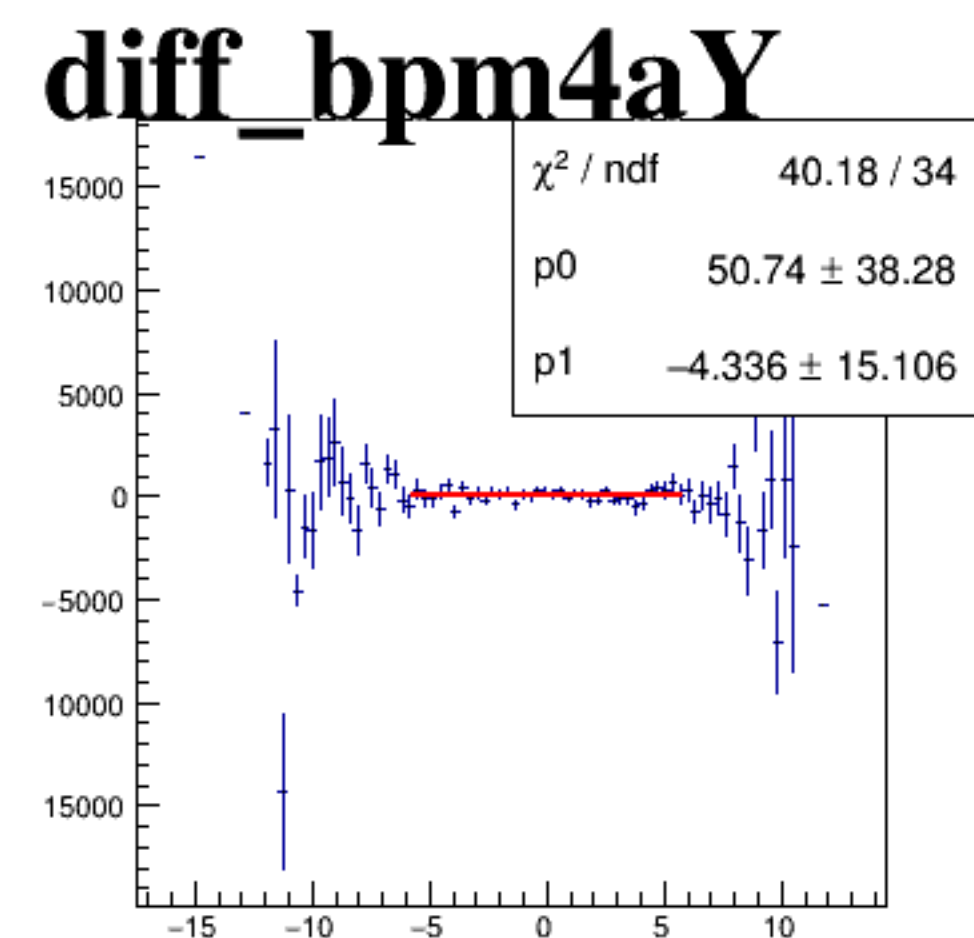
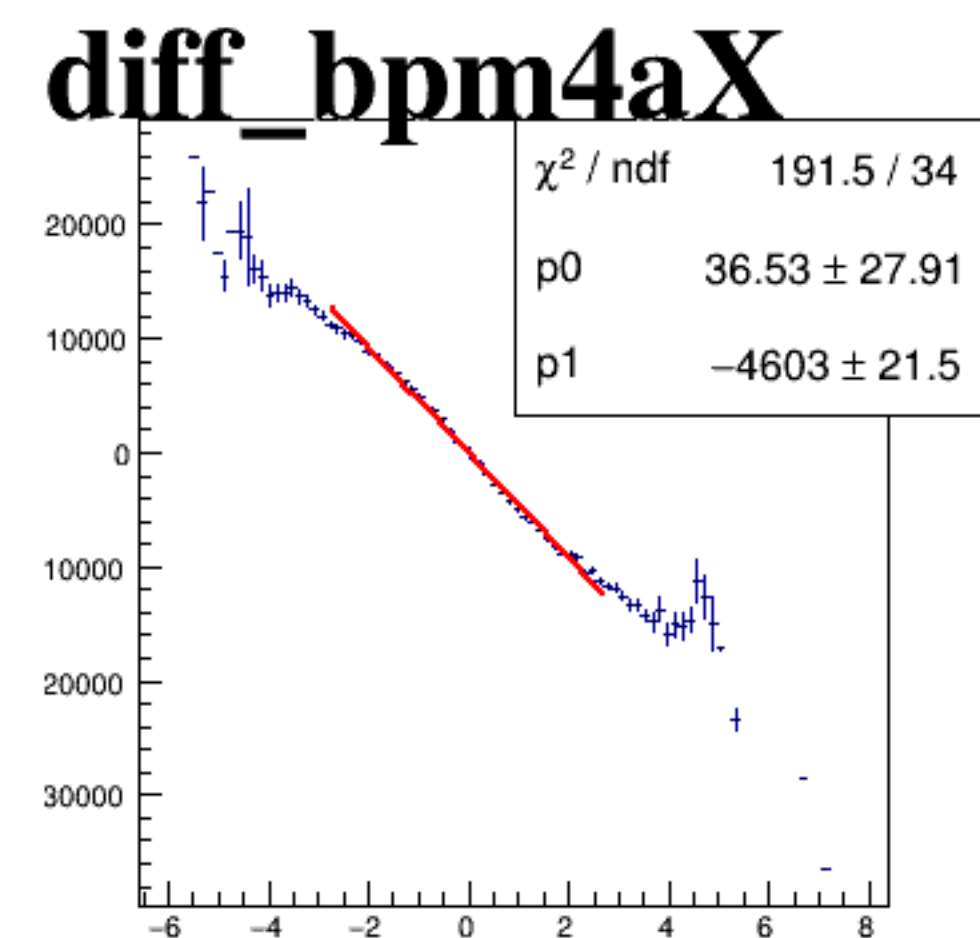
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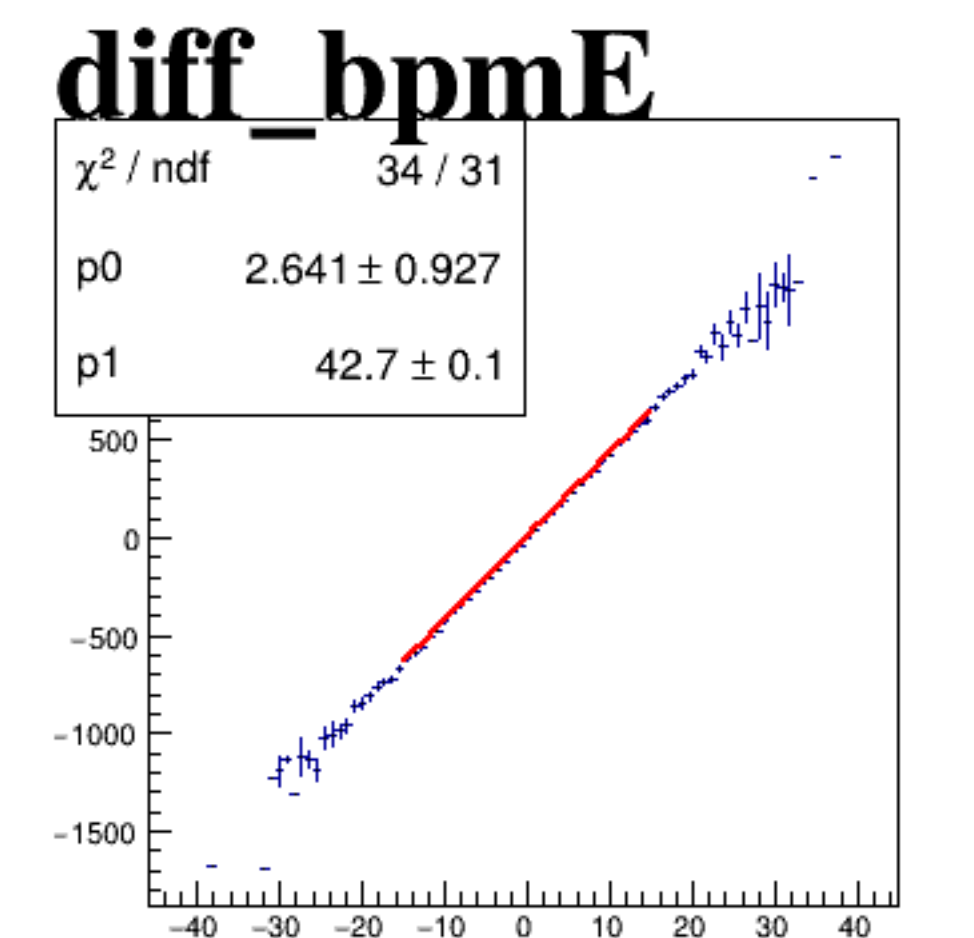
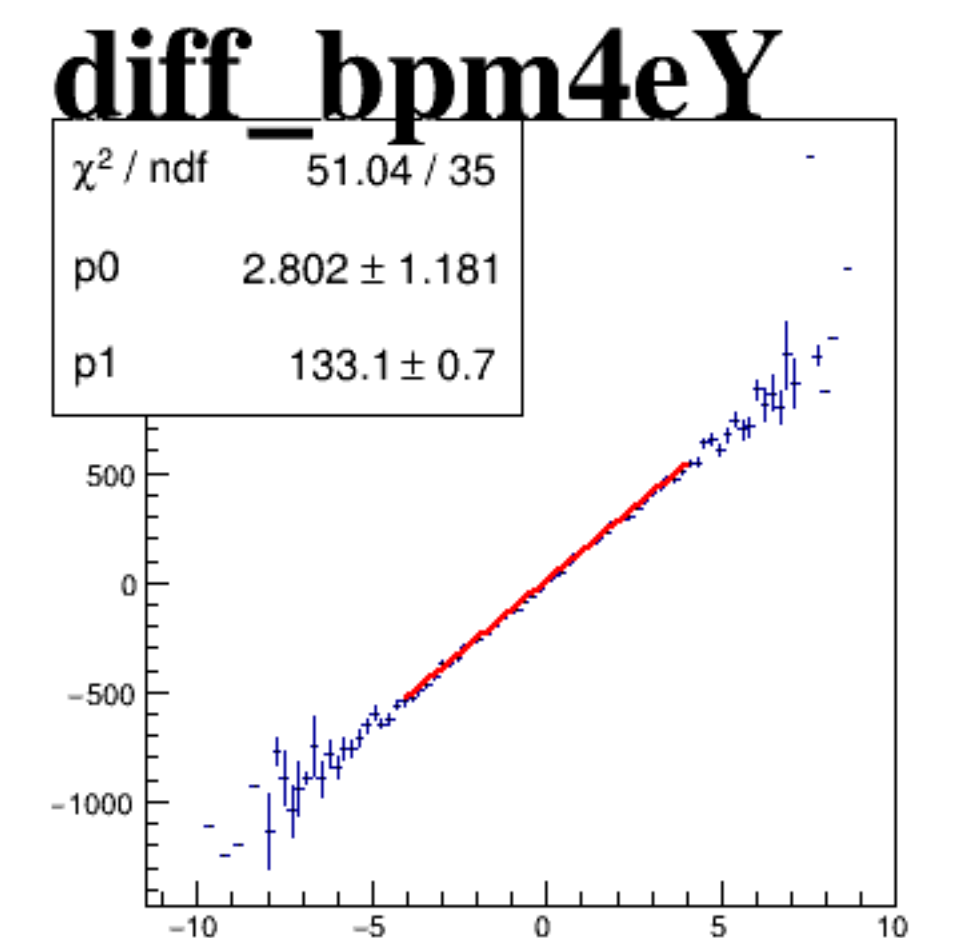
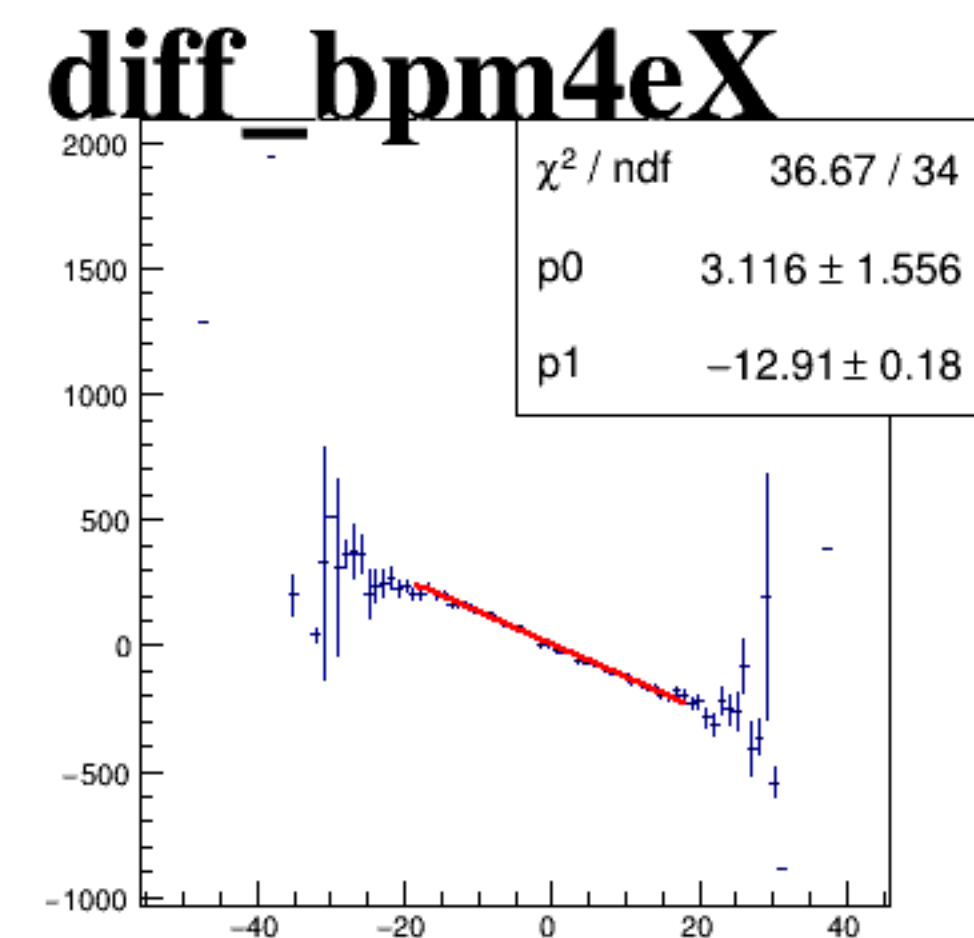
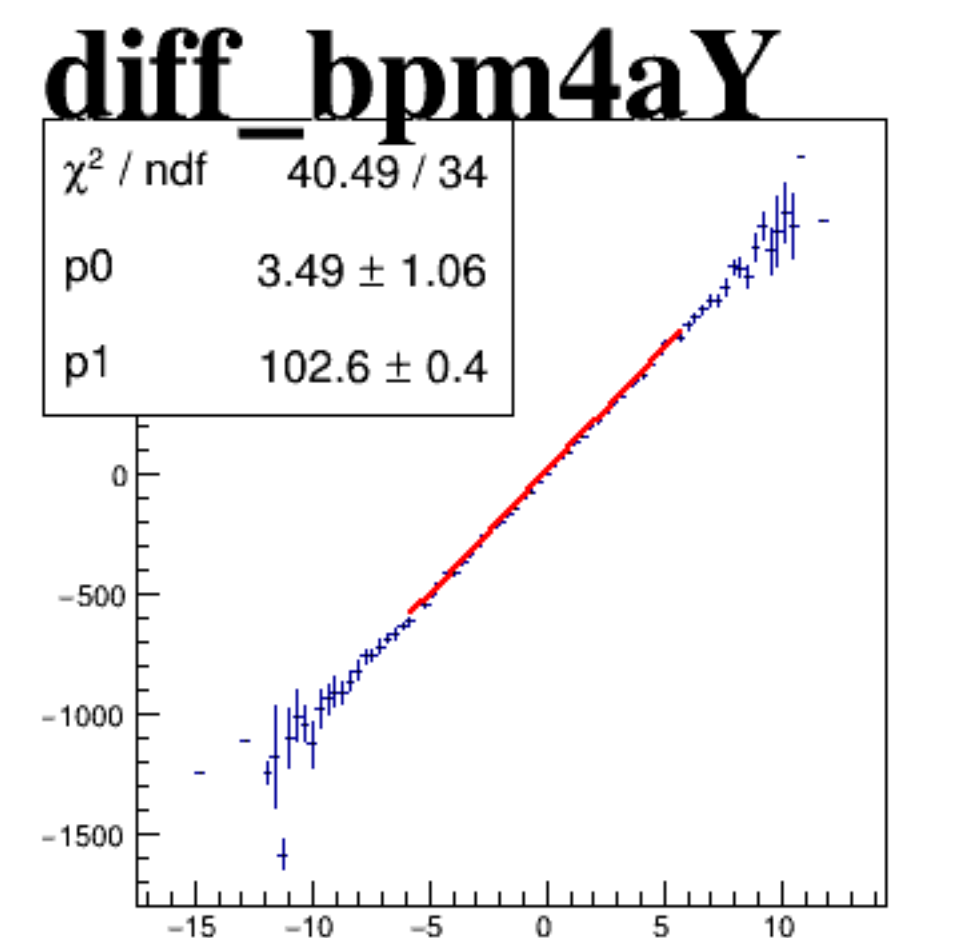
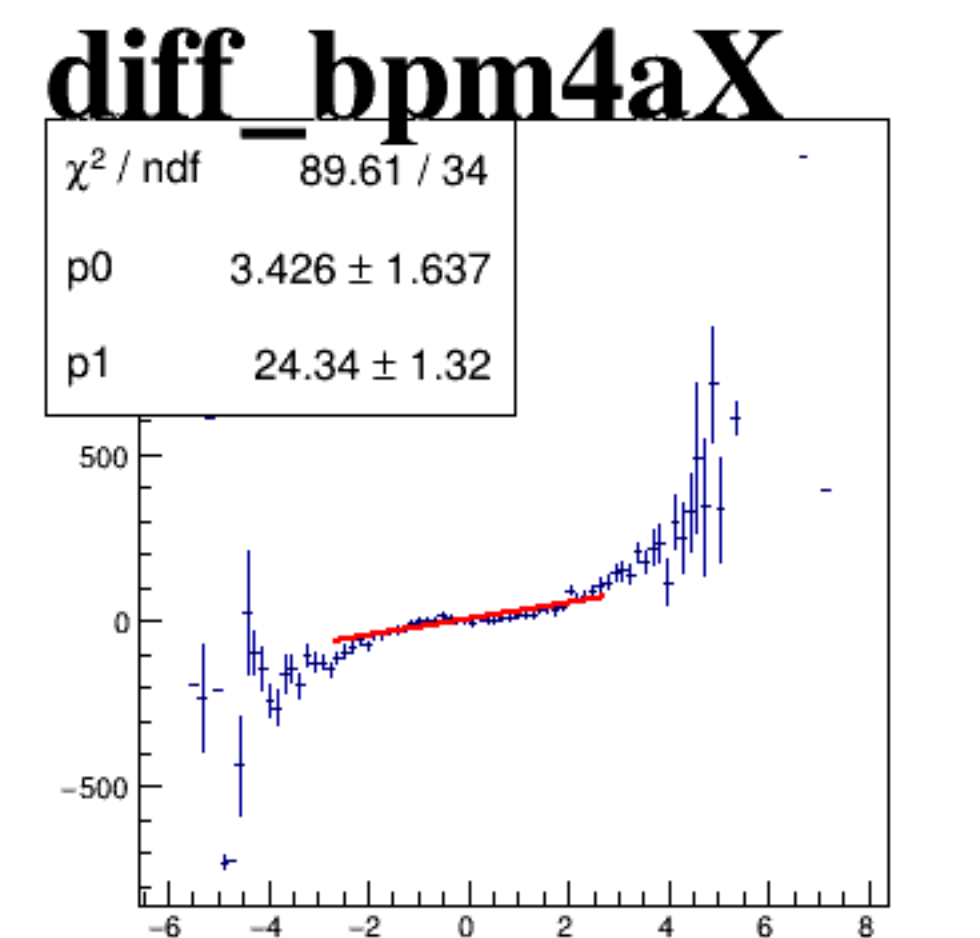
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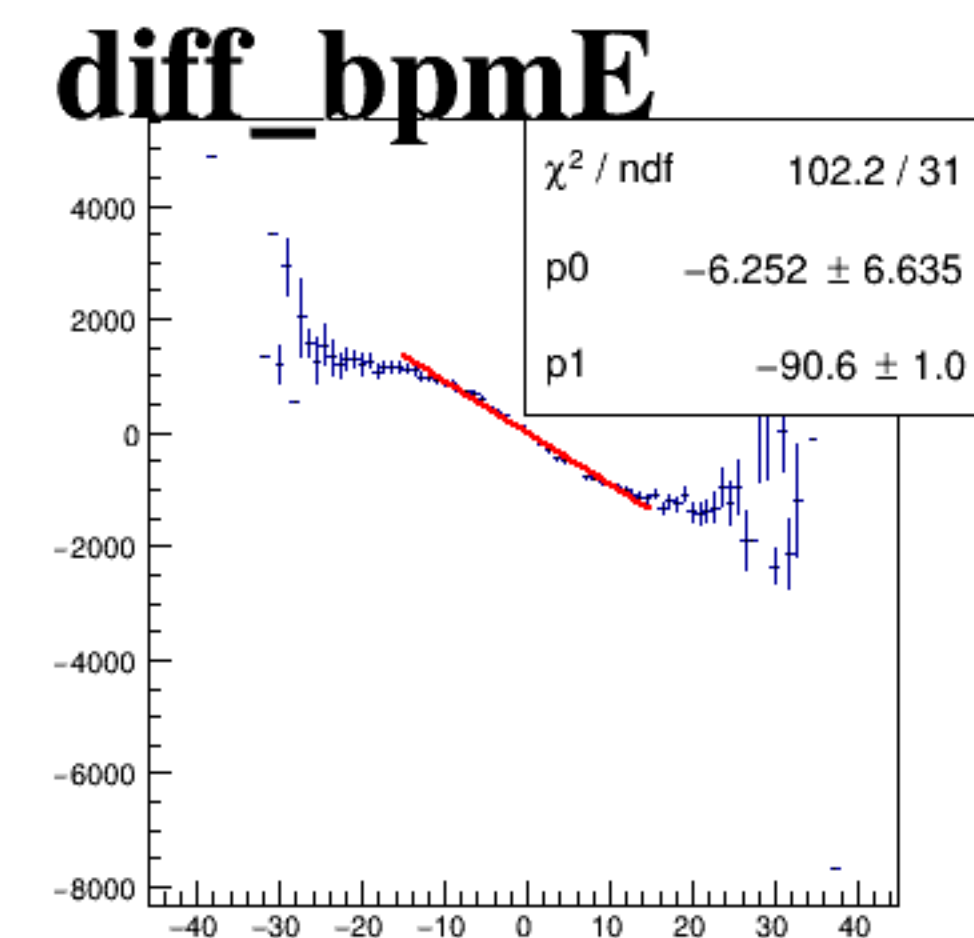
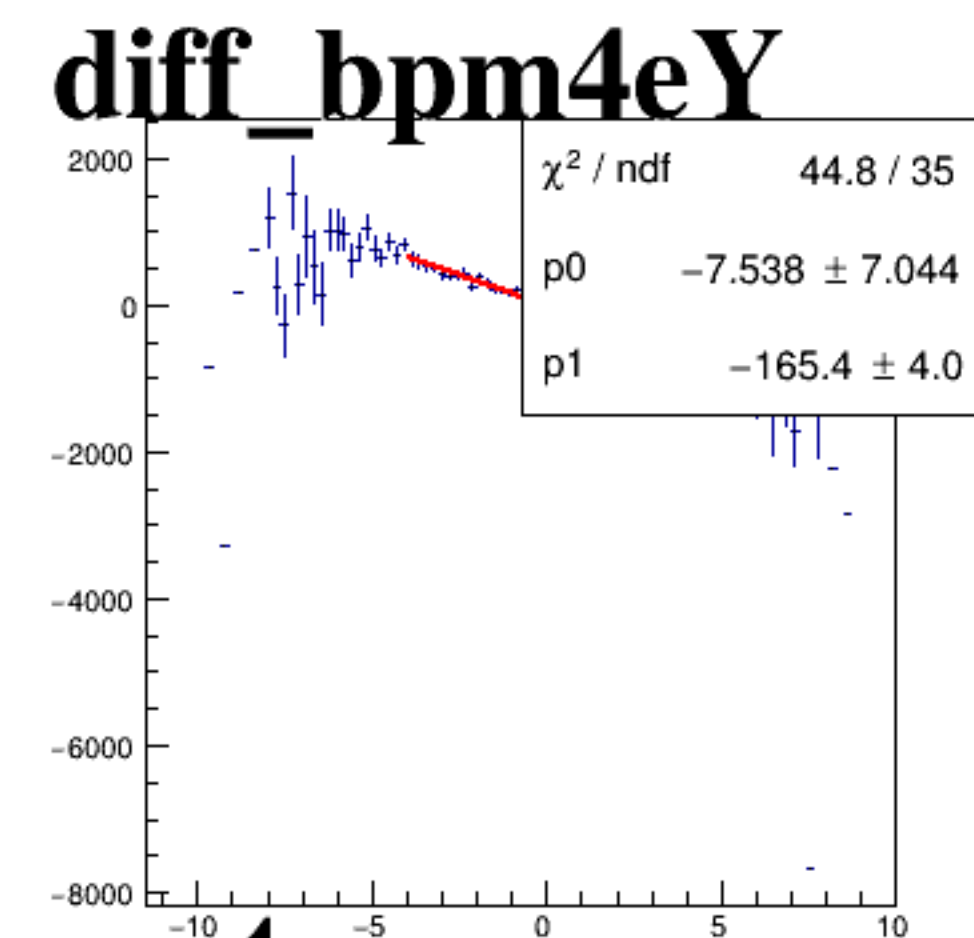
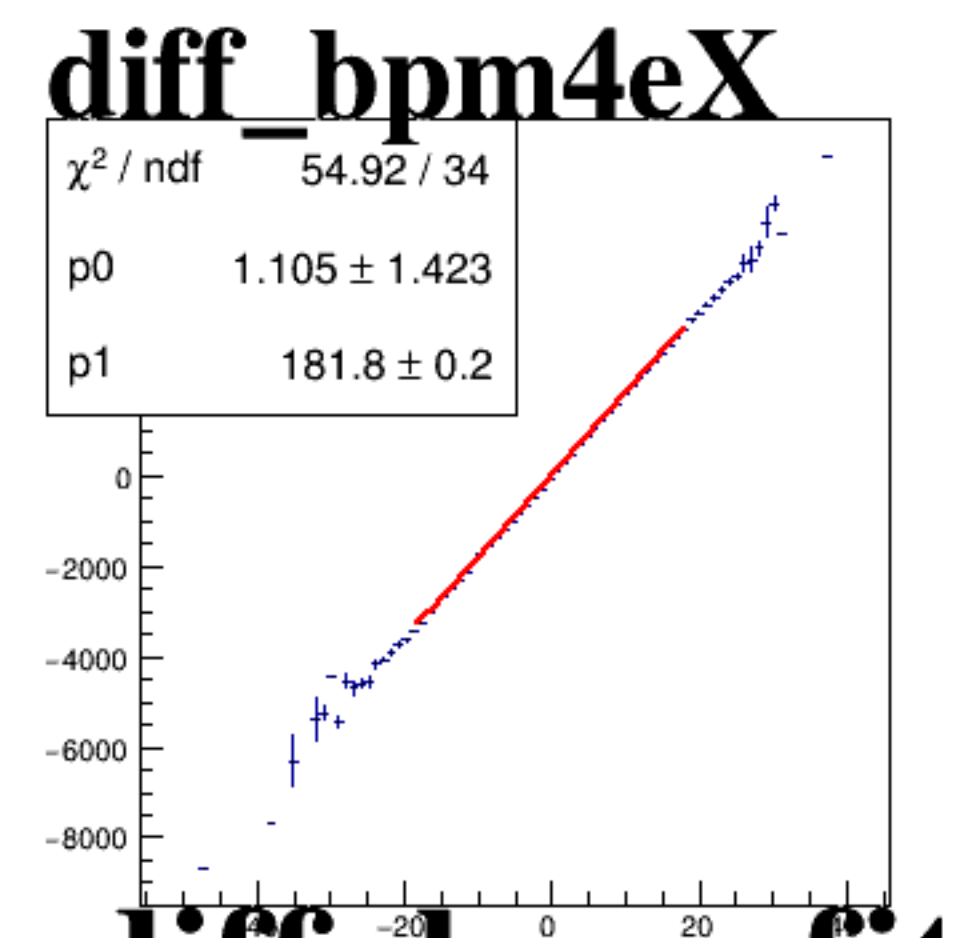
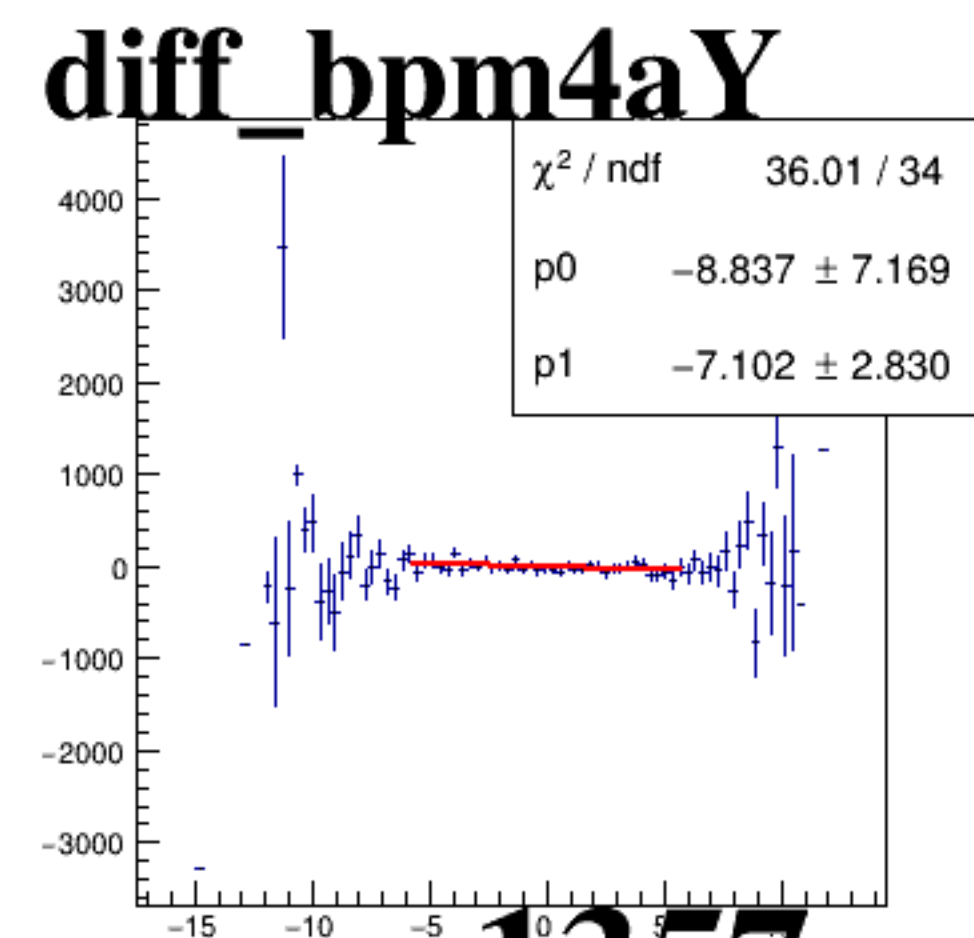
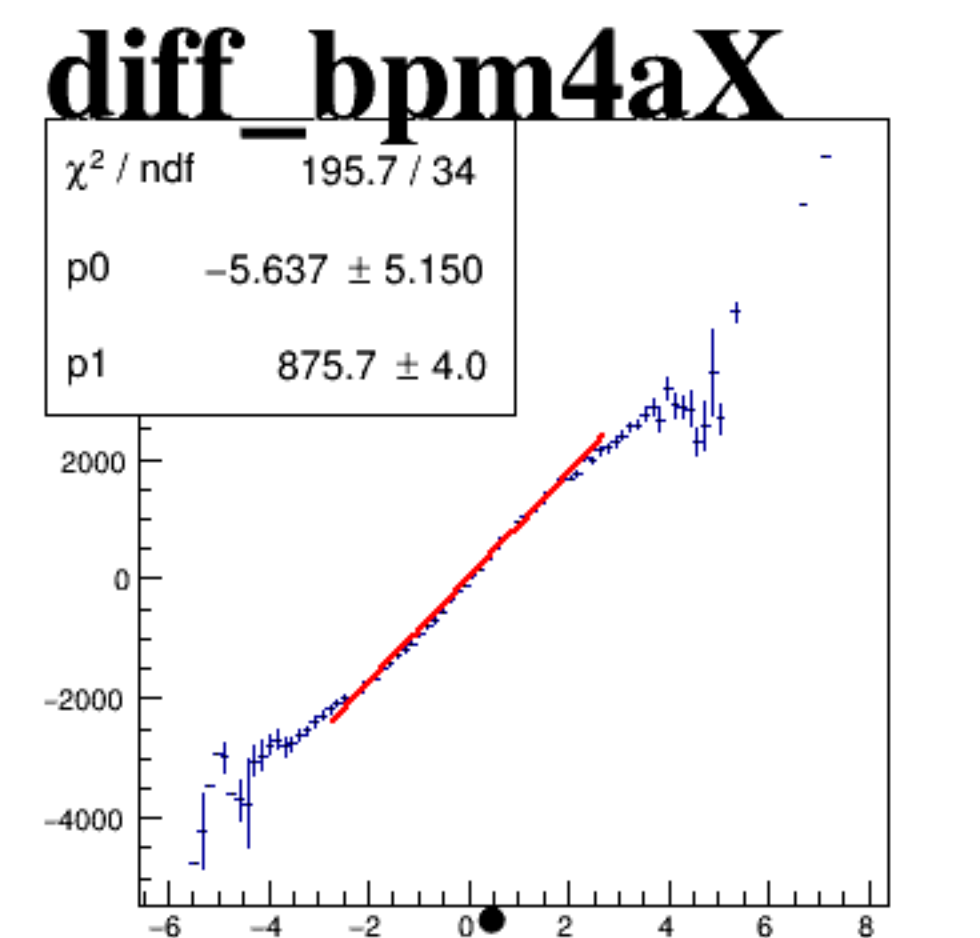
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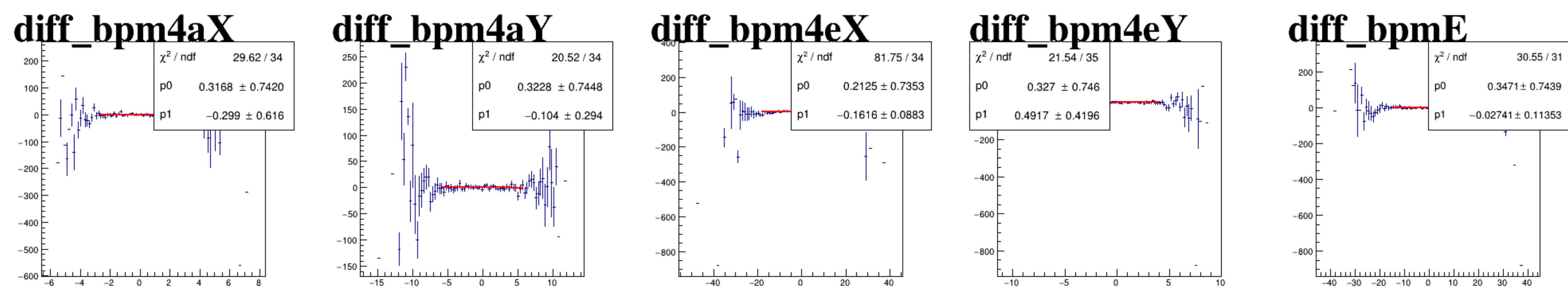
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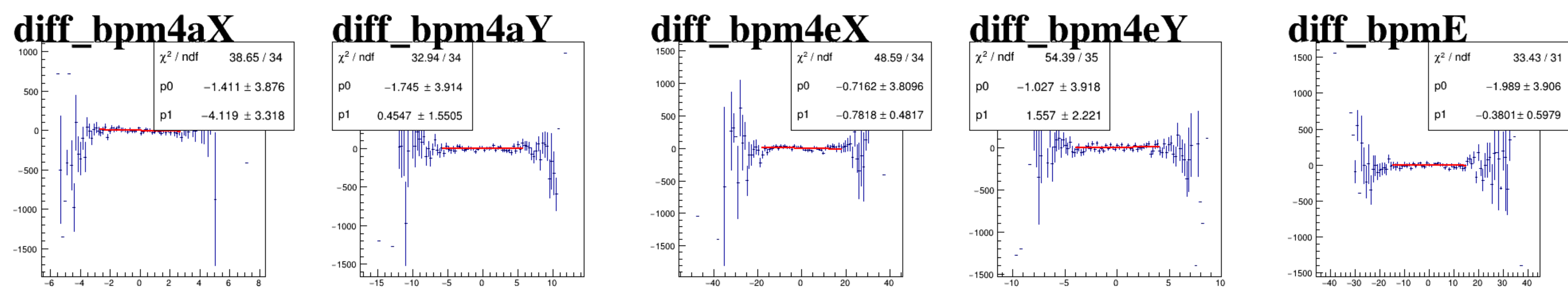
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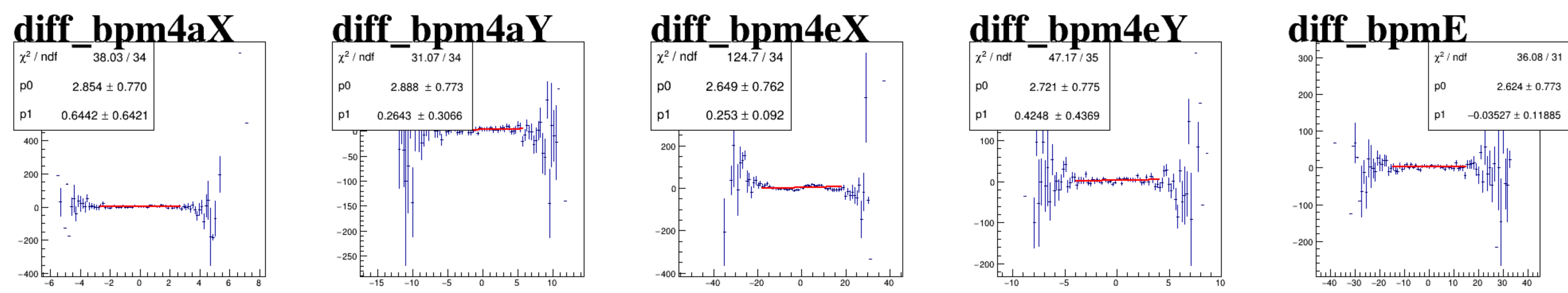
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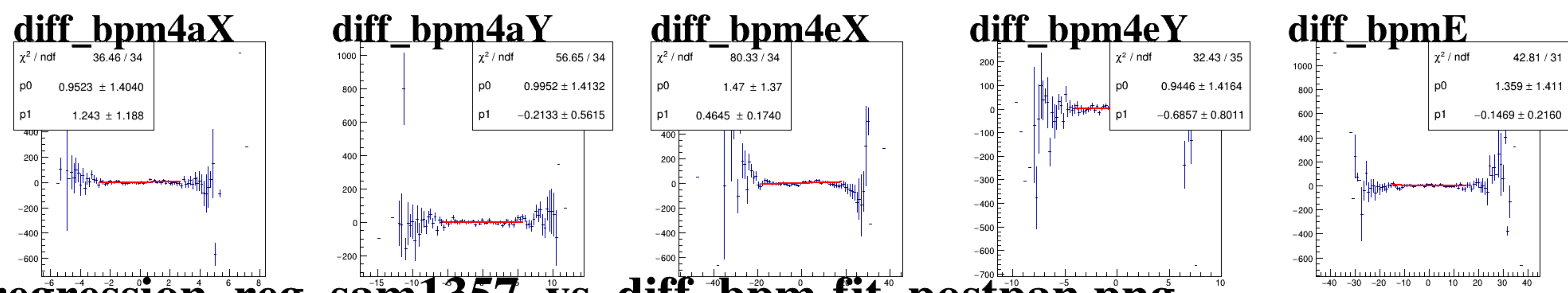
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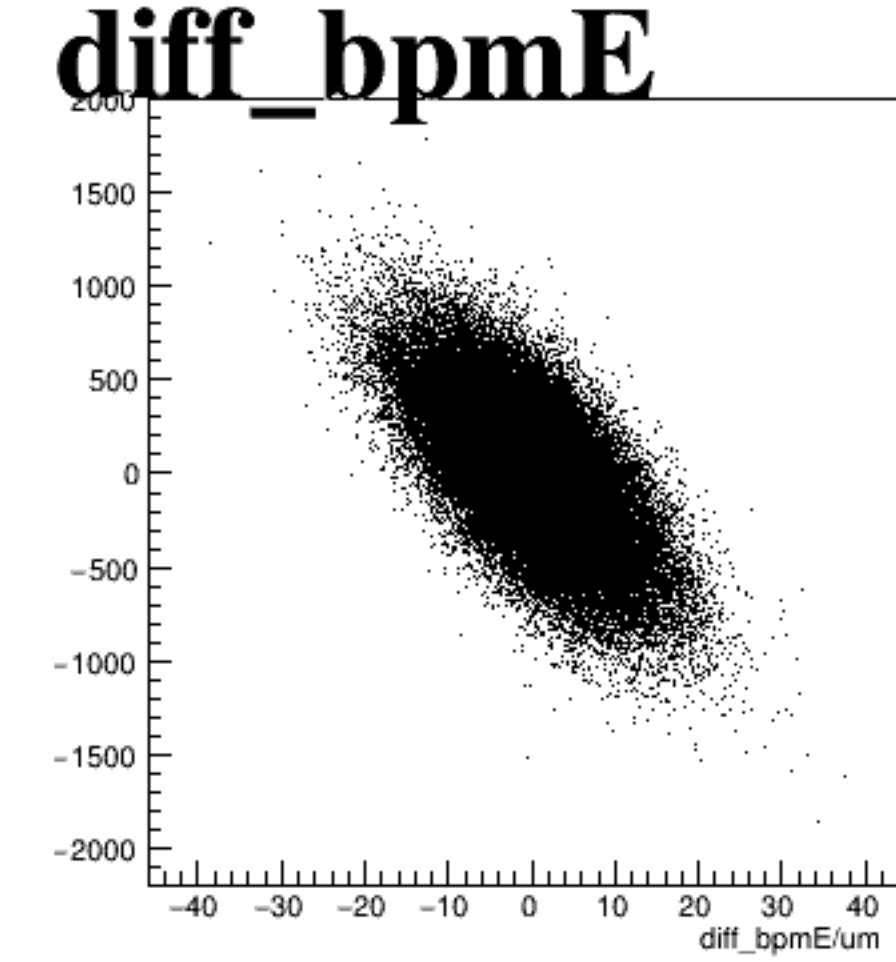
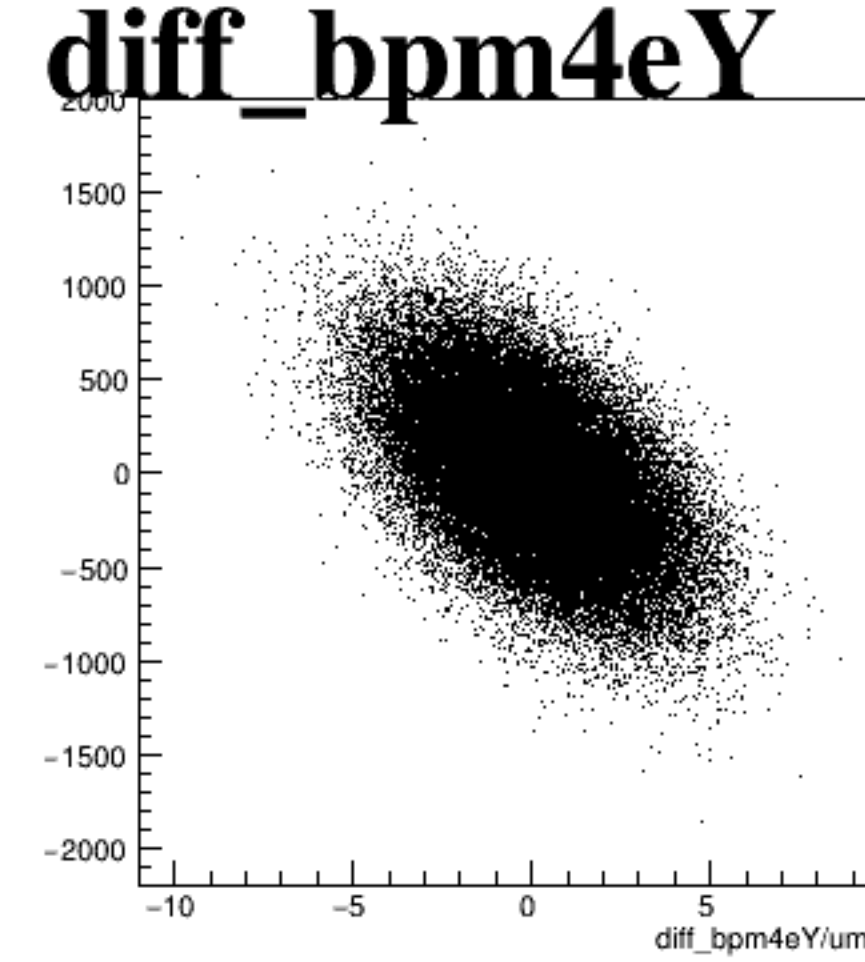
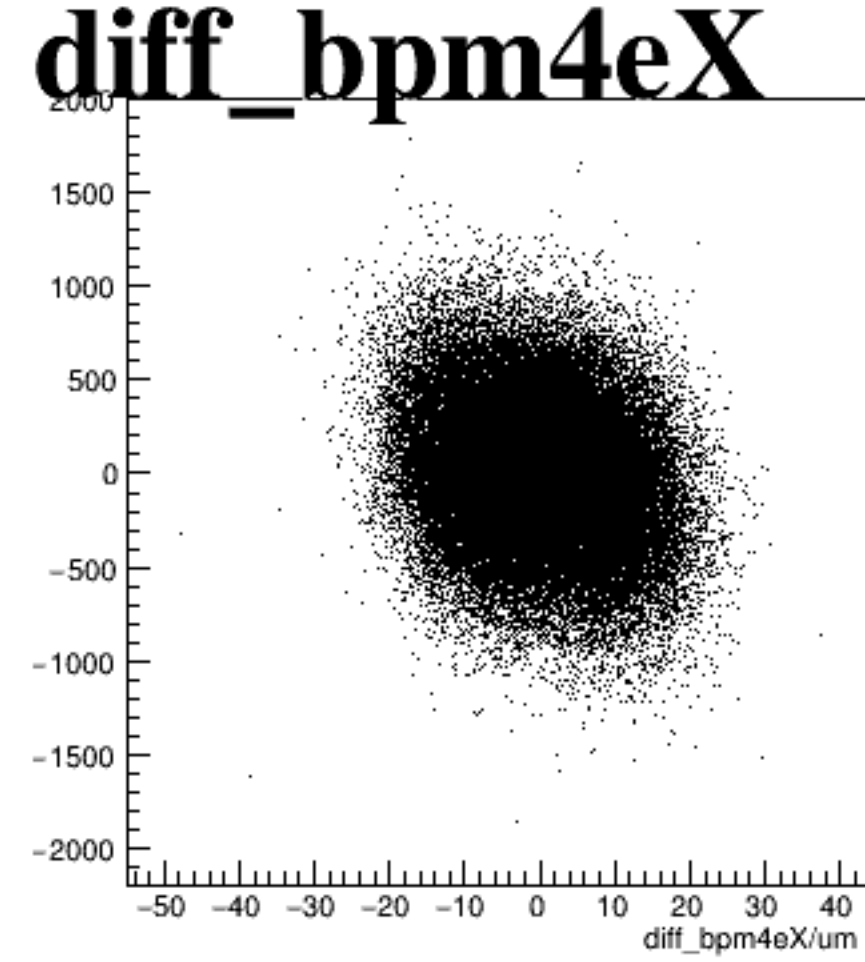
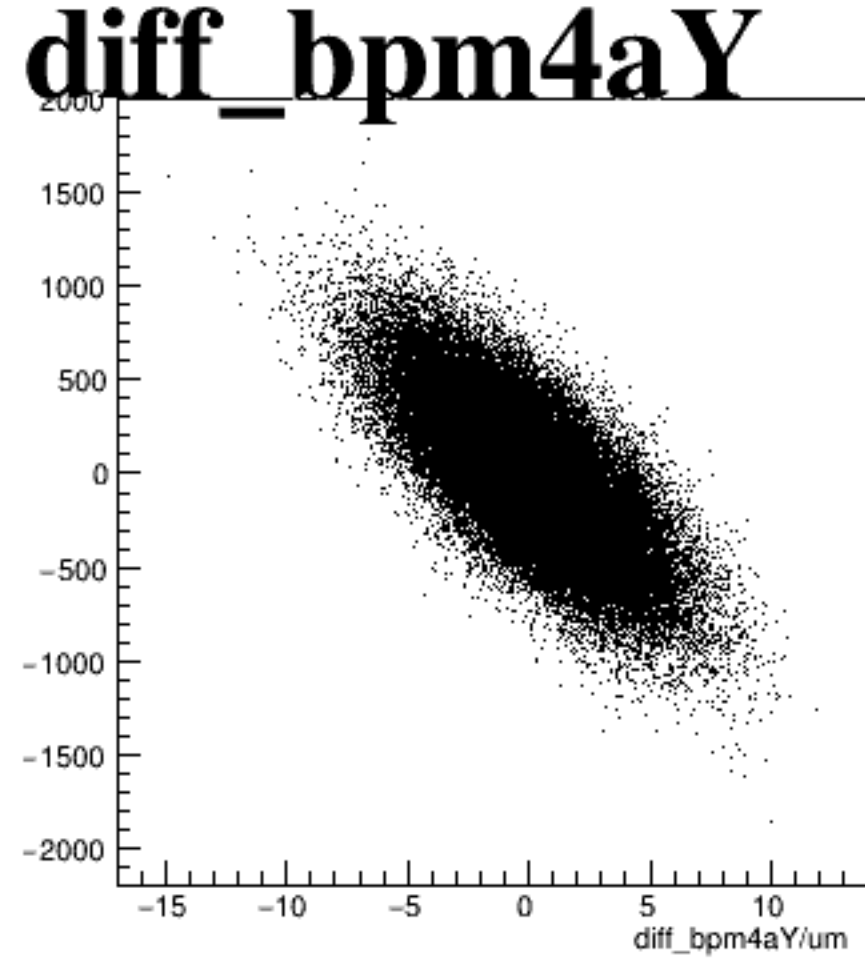
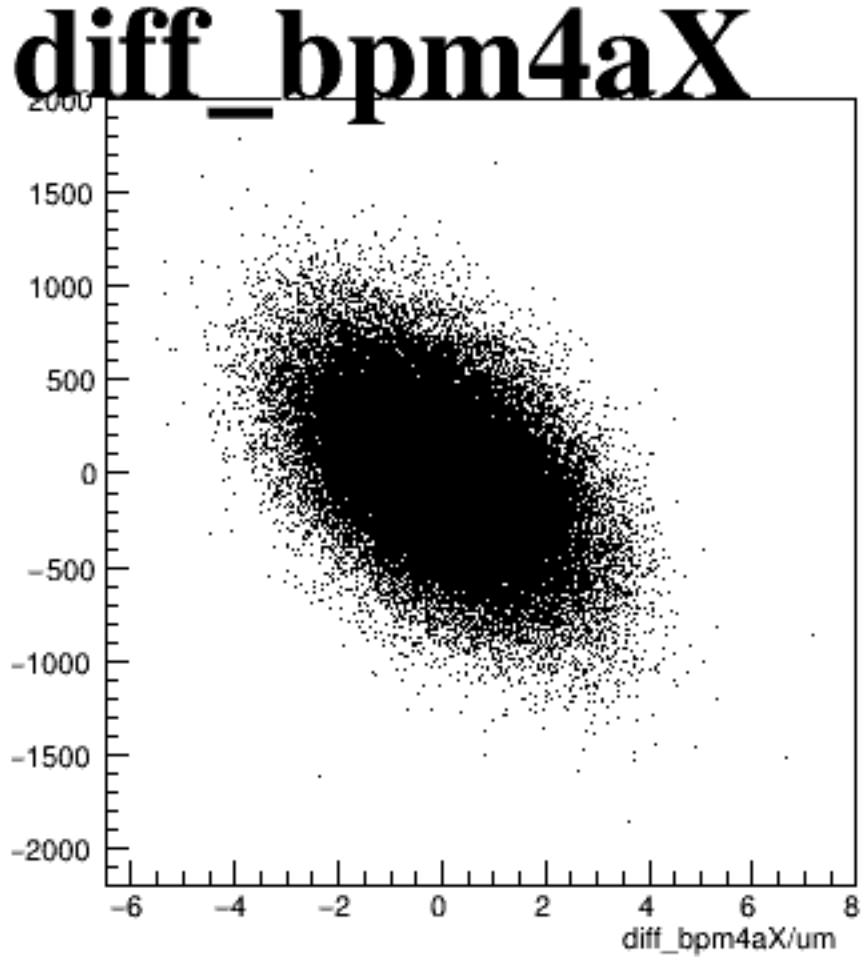
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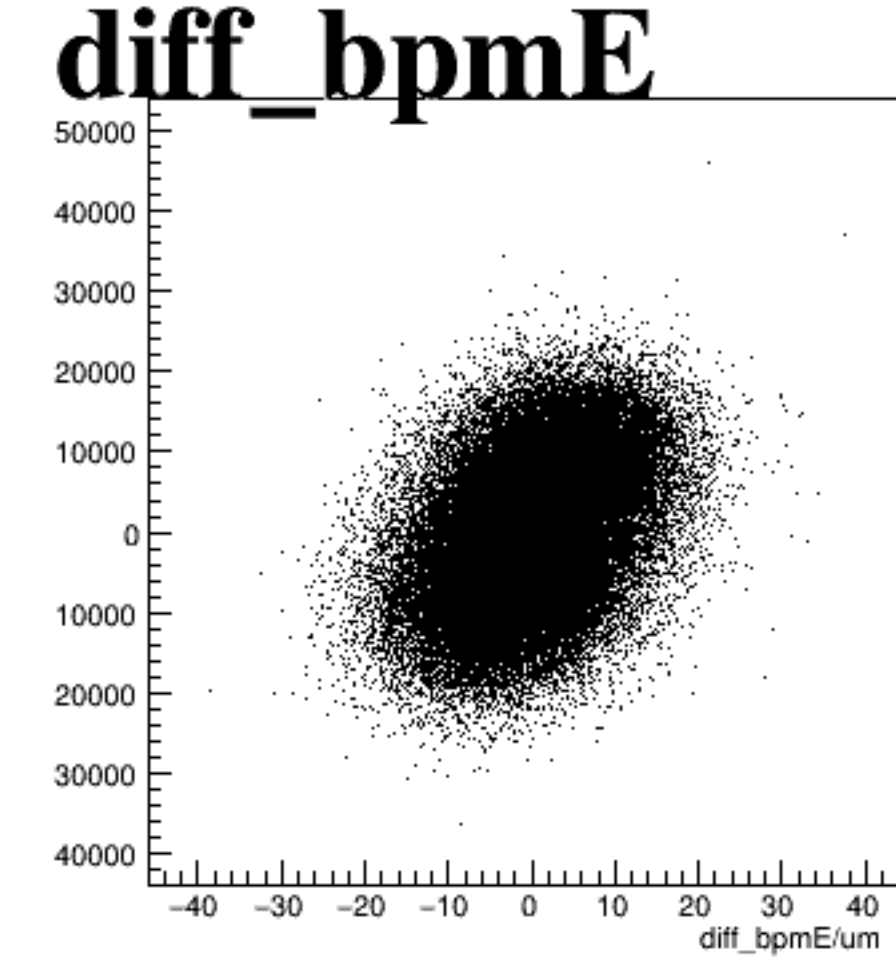
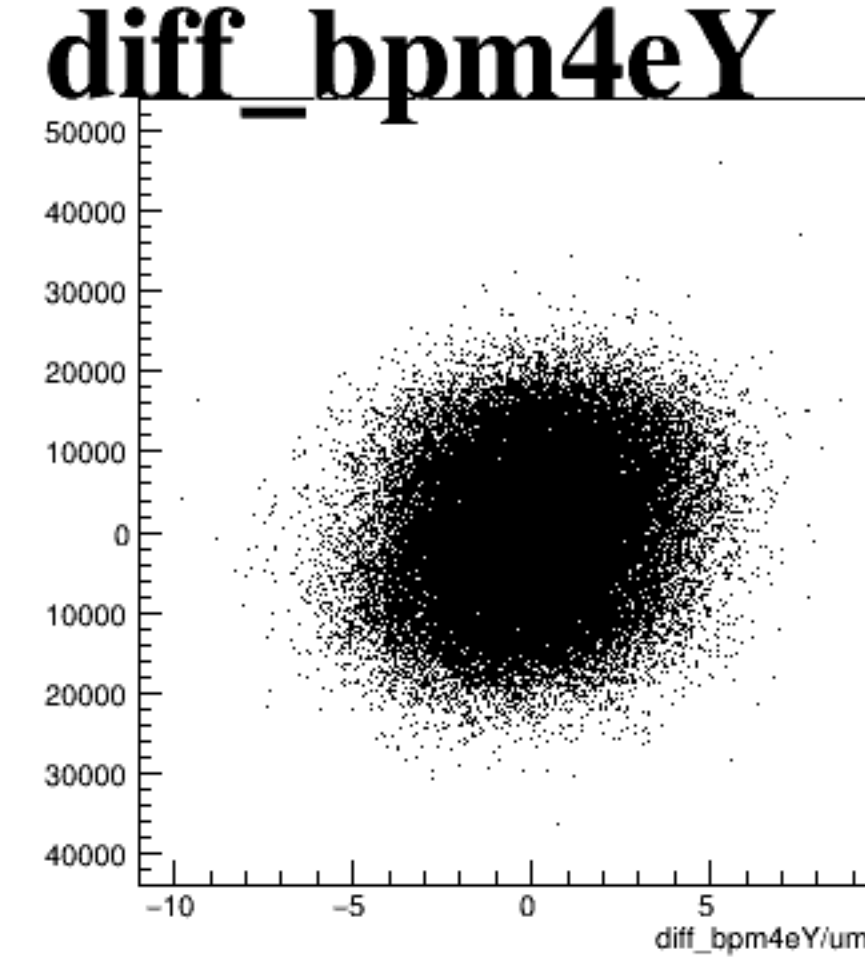
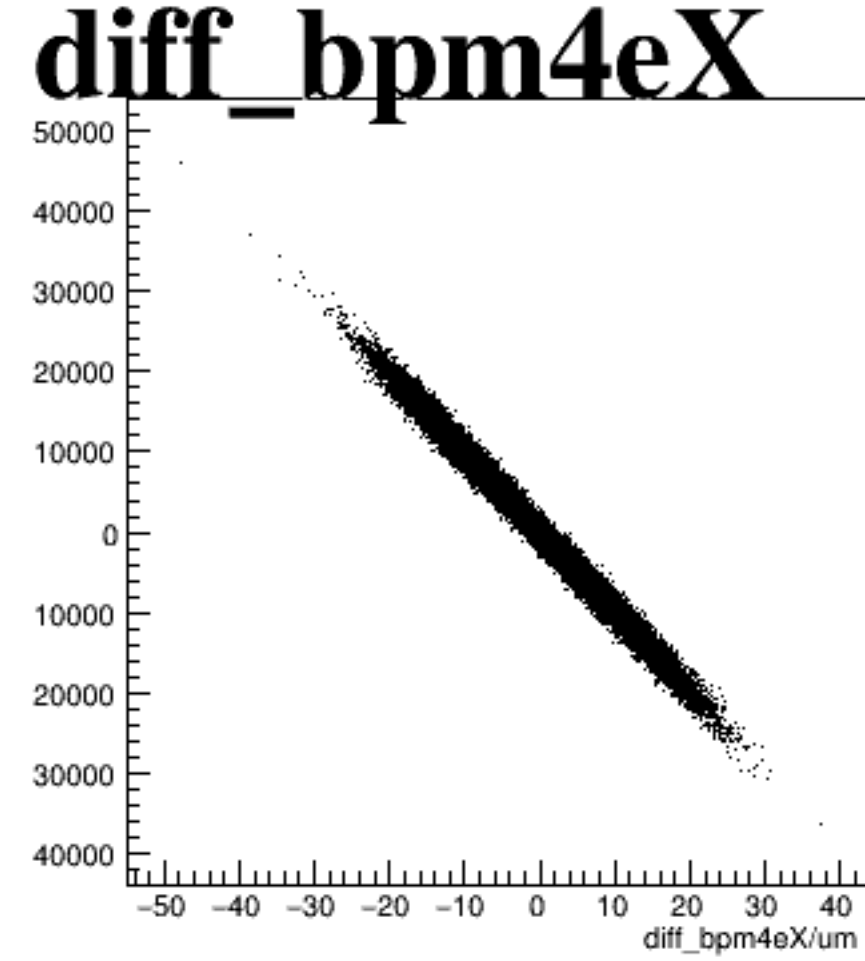
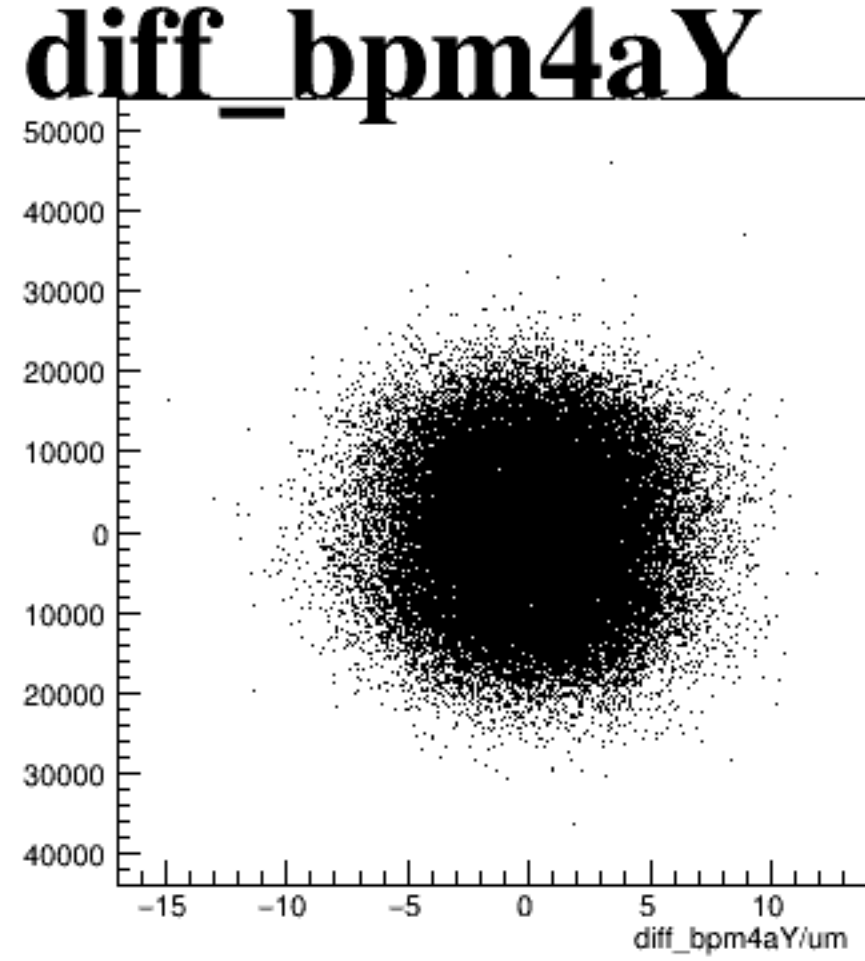
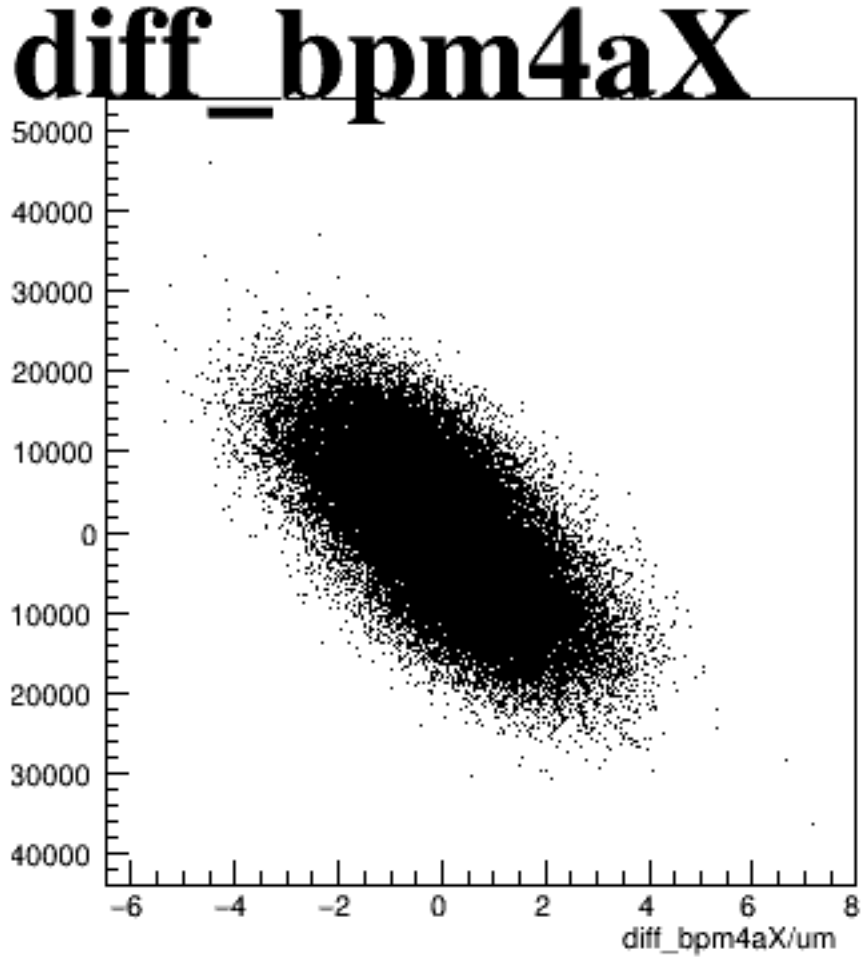
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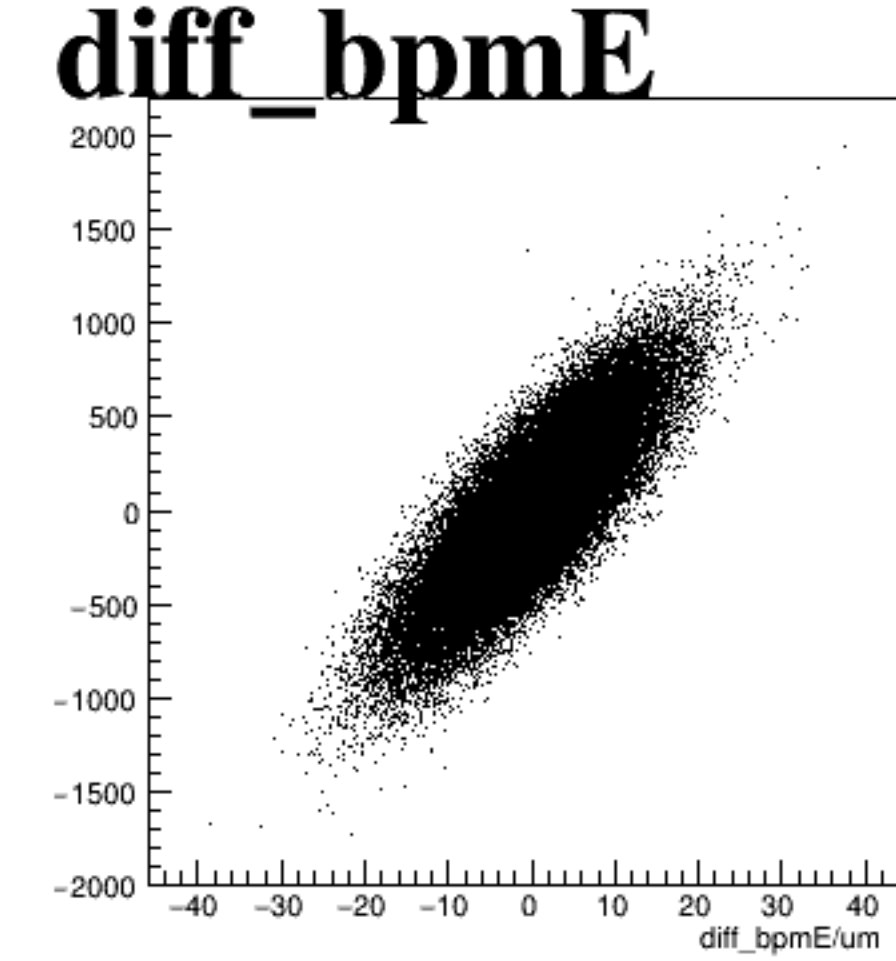
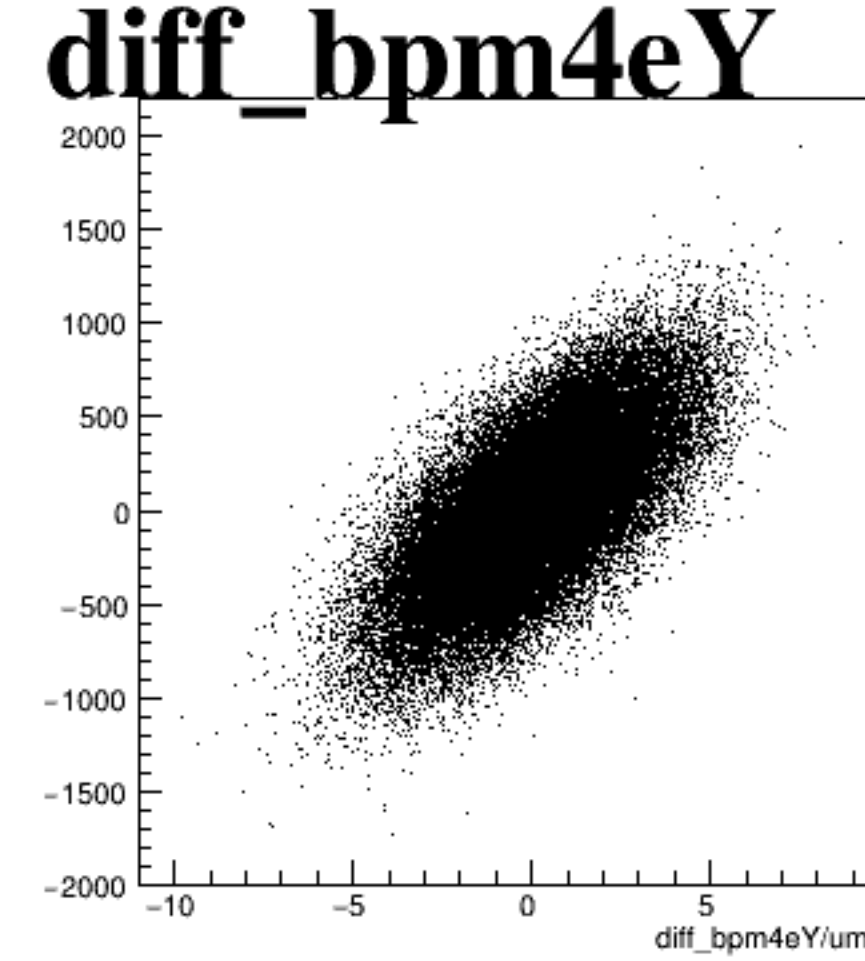
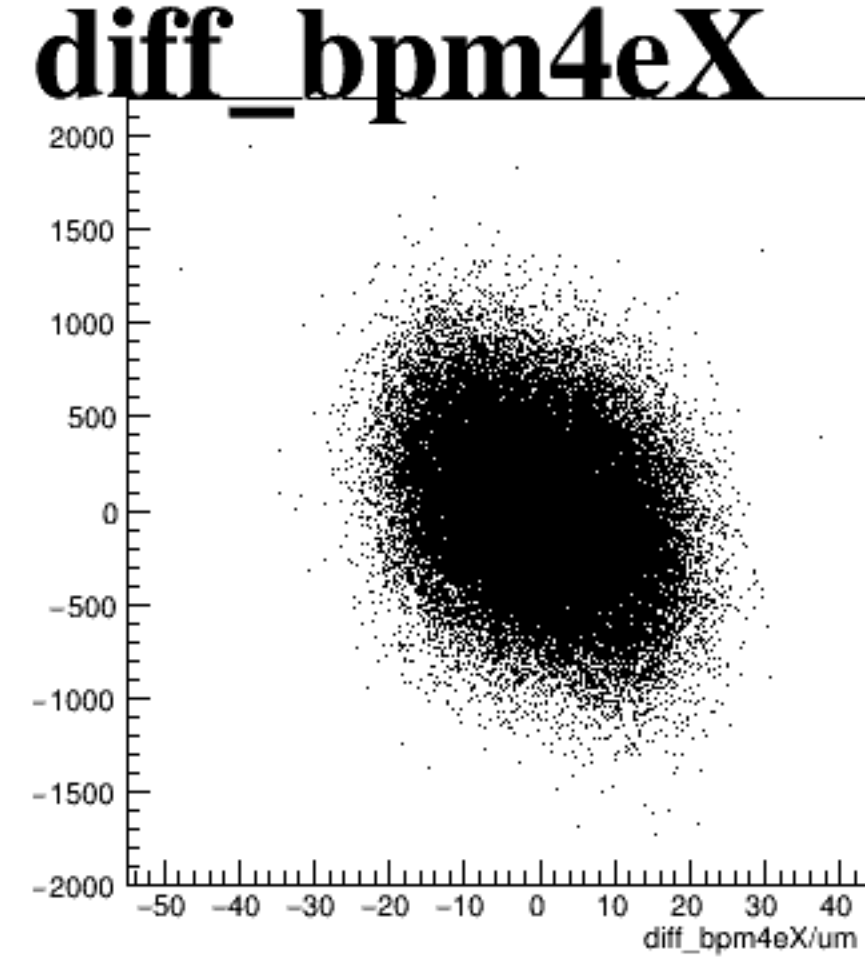
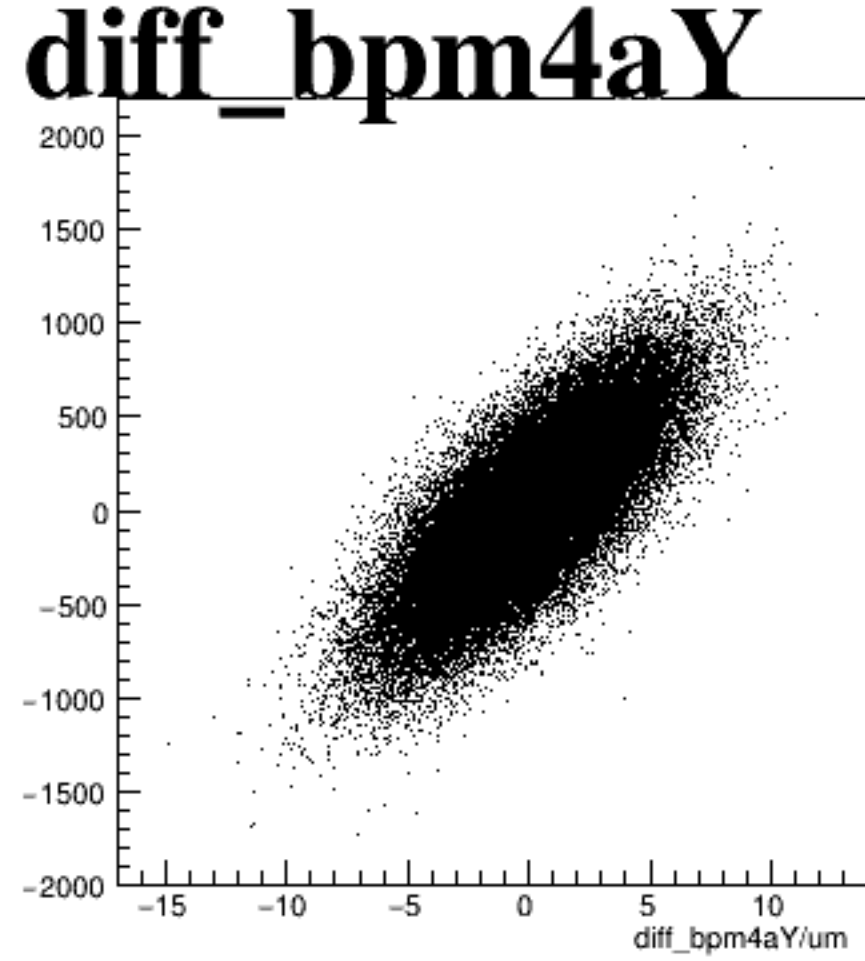
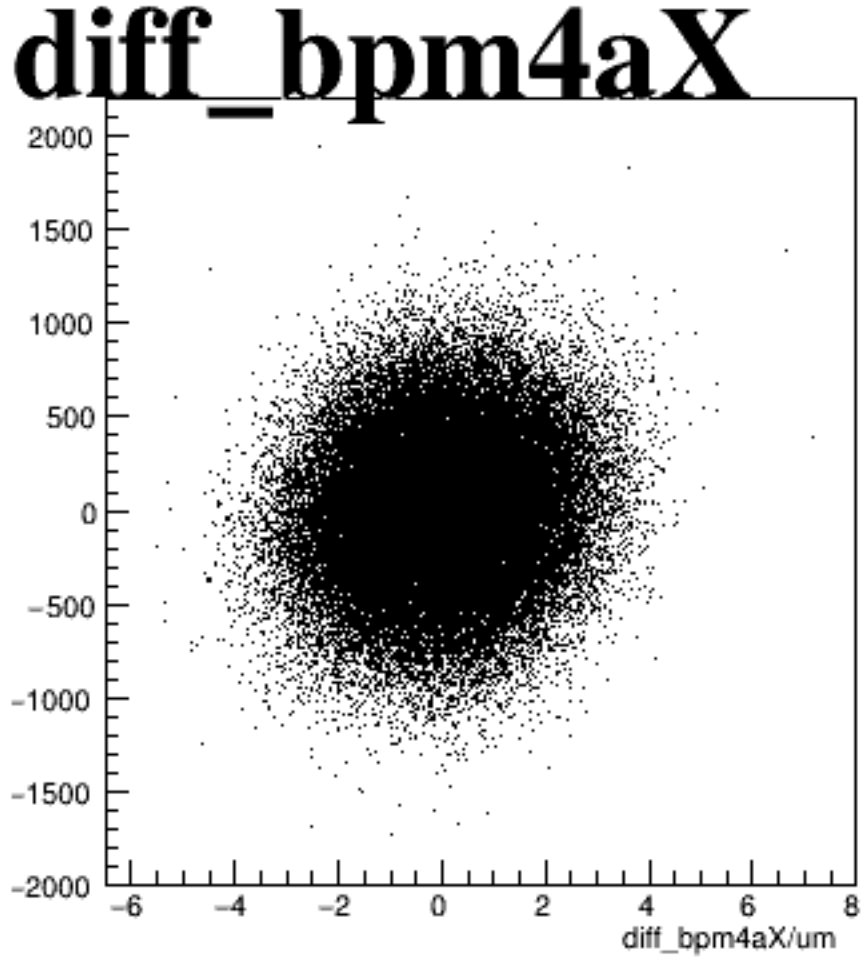
asym\_sam1



asym\_sam3



asym\_sam5



asym\_sam7

