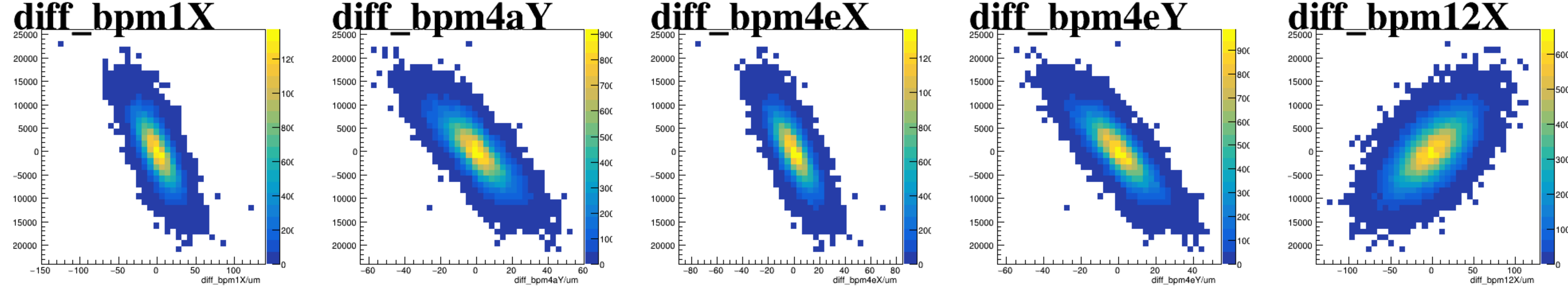
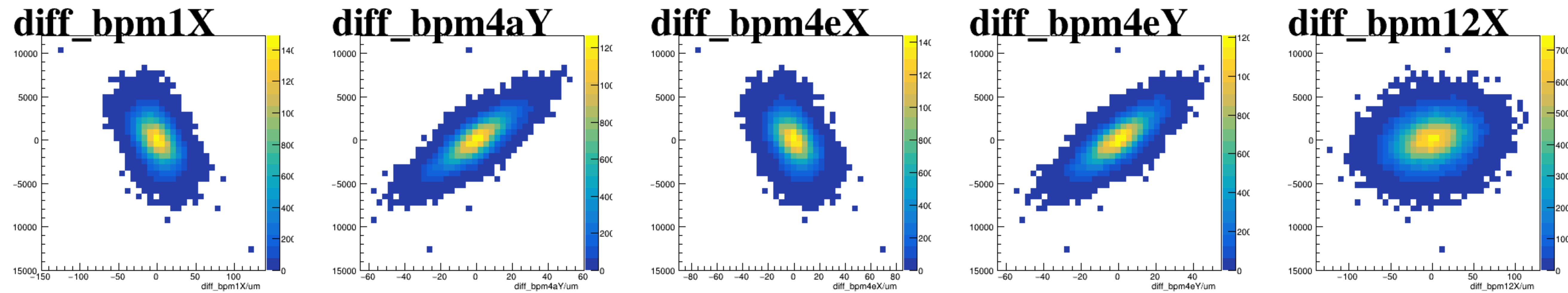


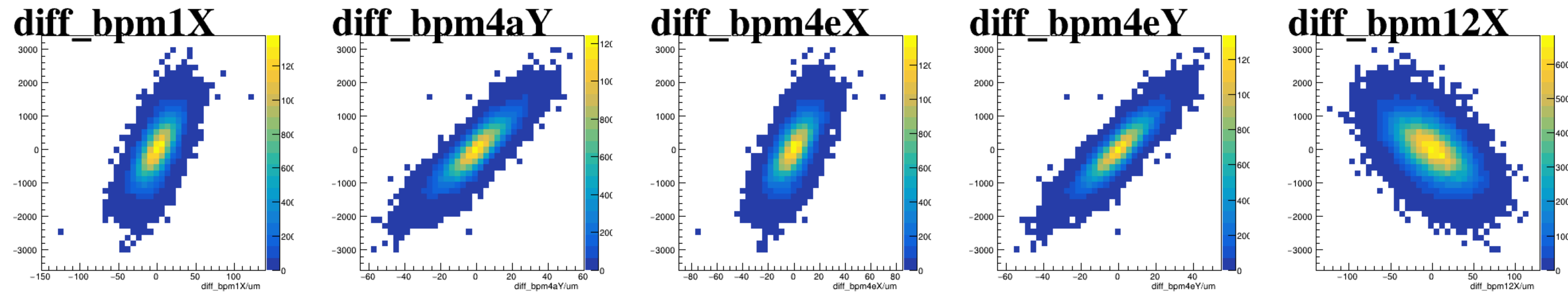
asym_sam2



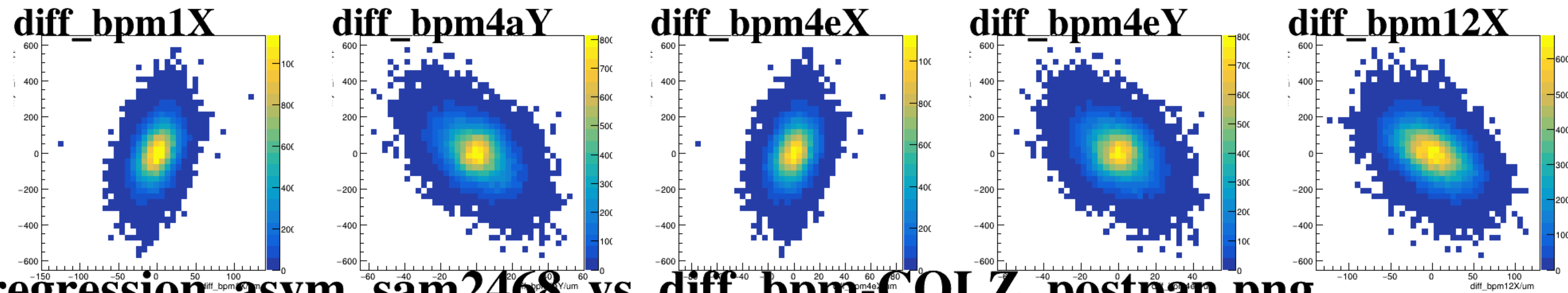
asym_sam4



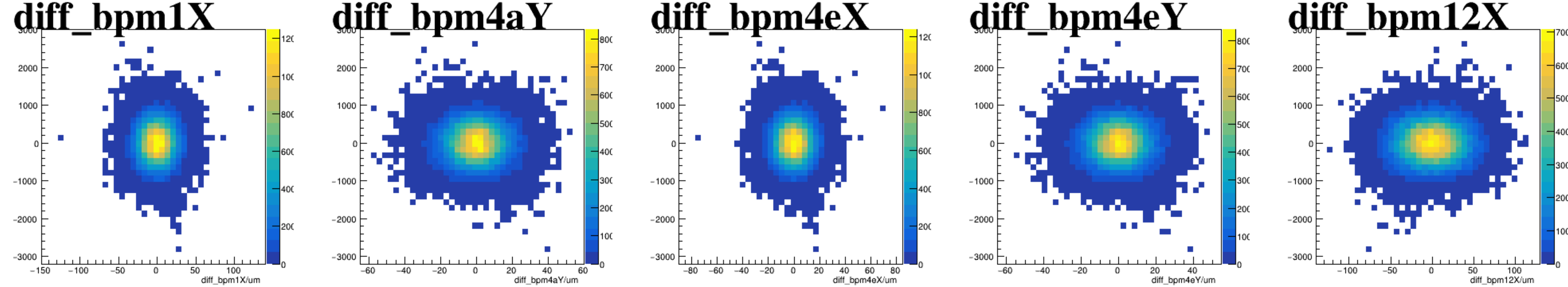
asym_sam6



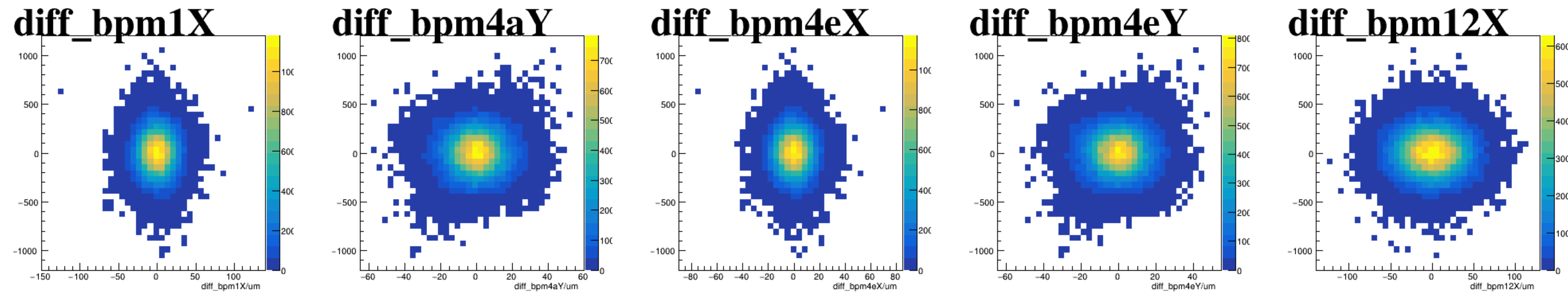
asym_sam8



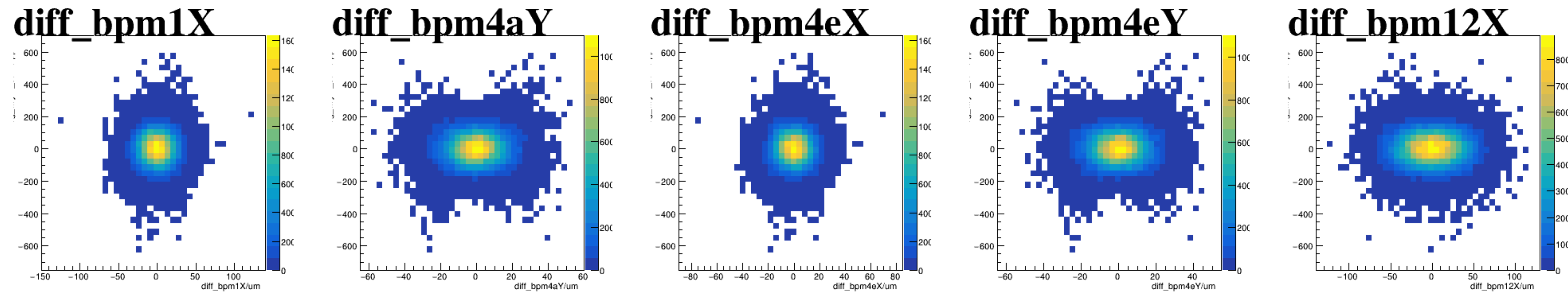
reg_asym_sam2



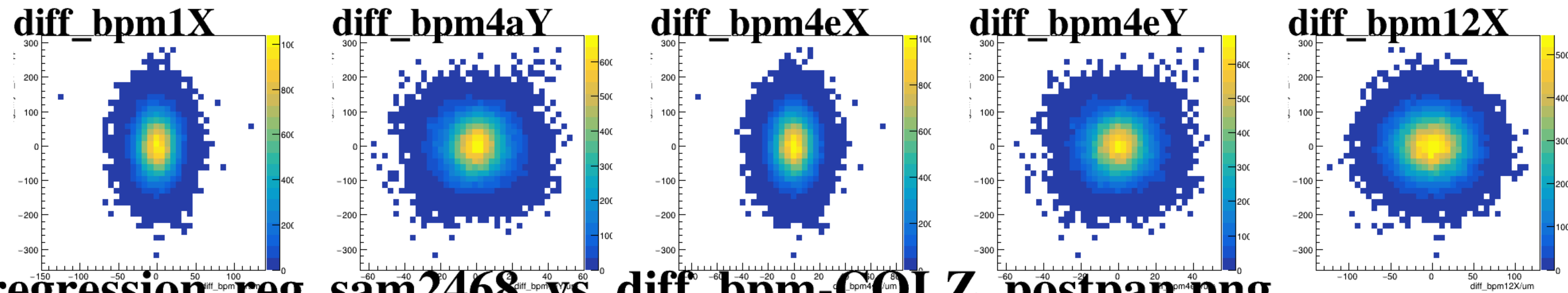
reg_asym_sam4



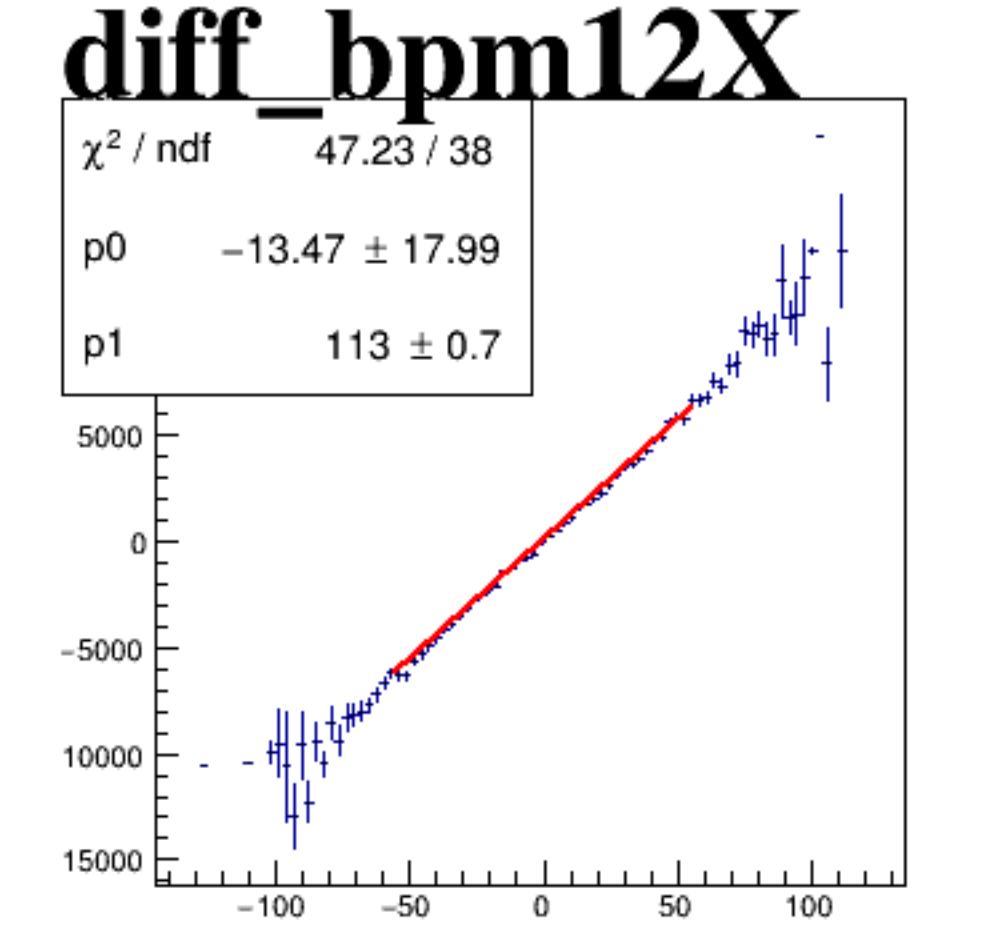
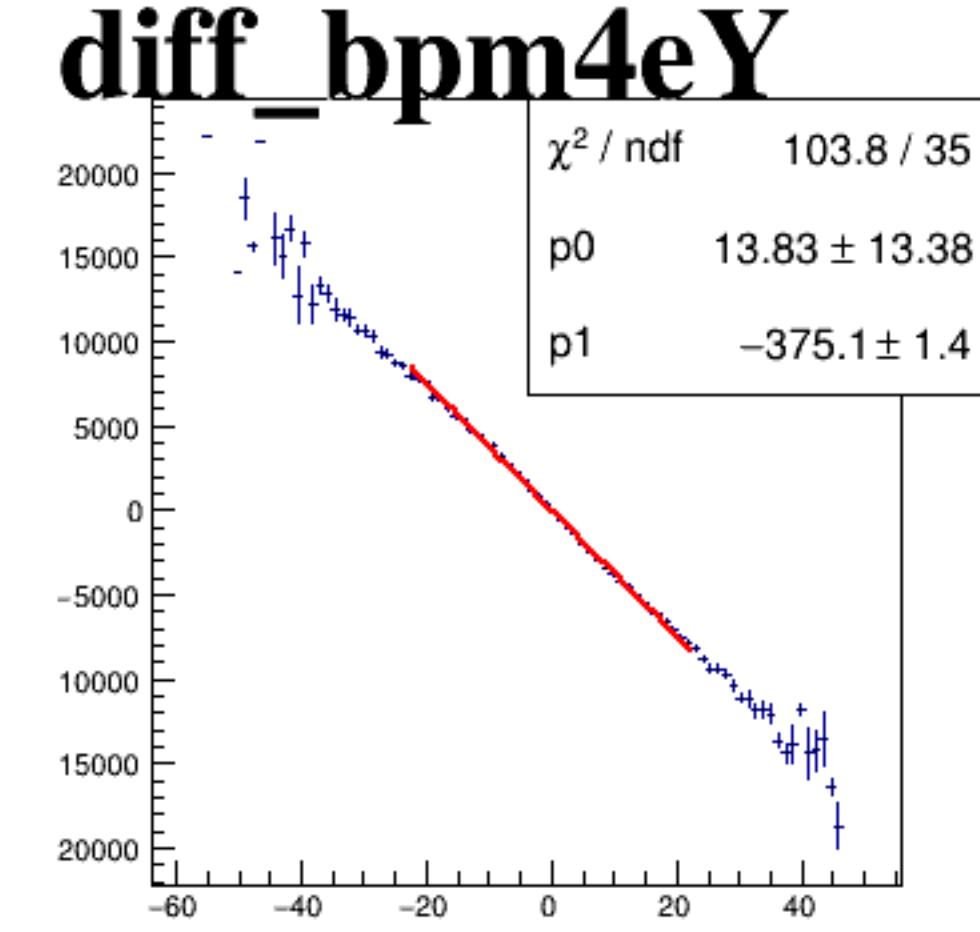
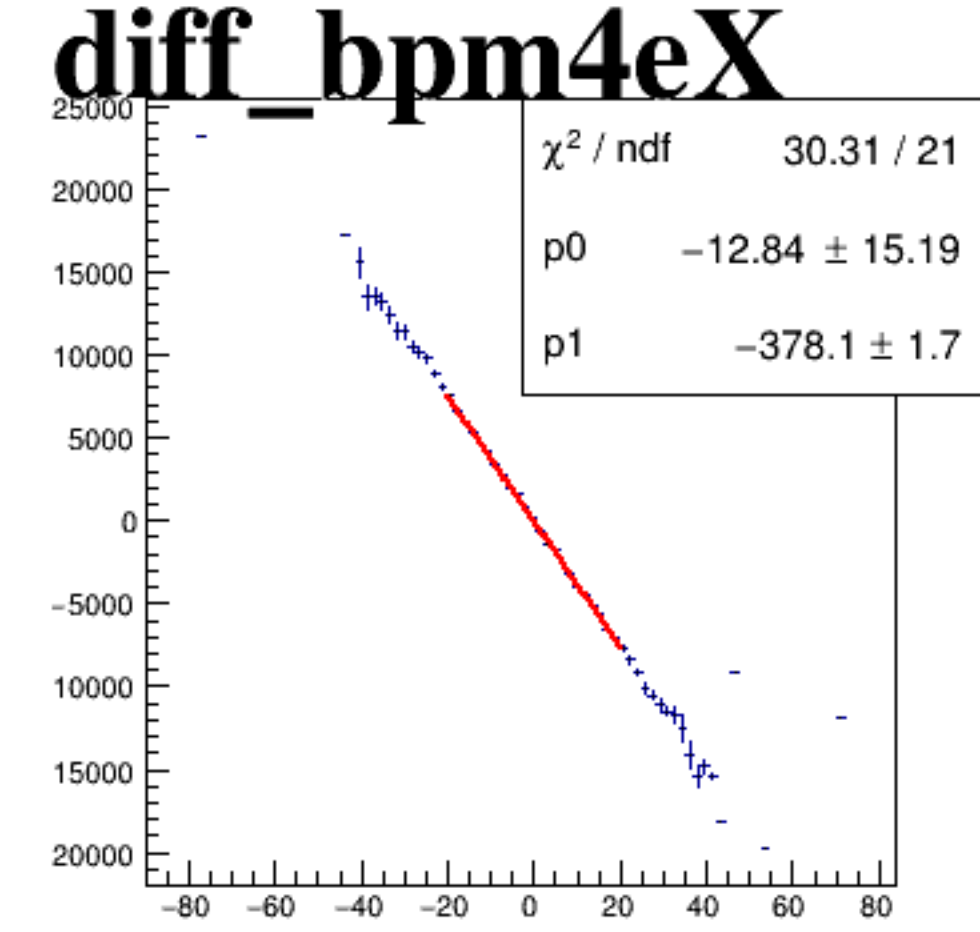
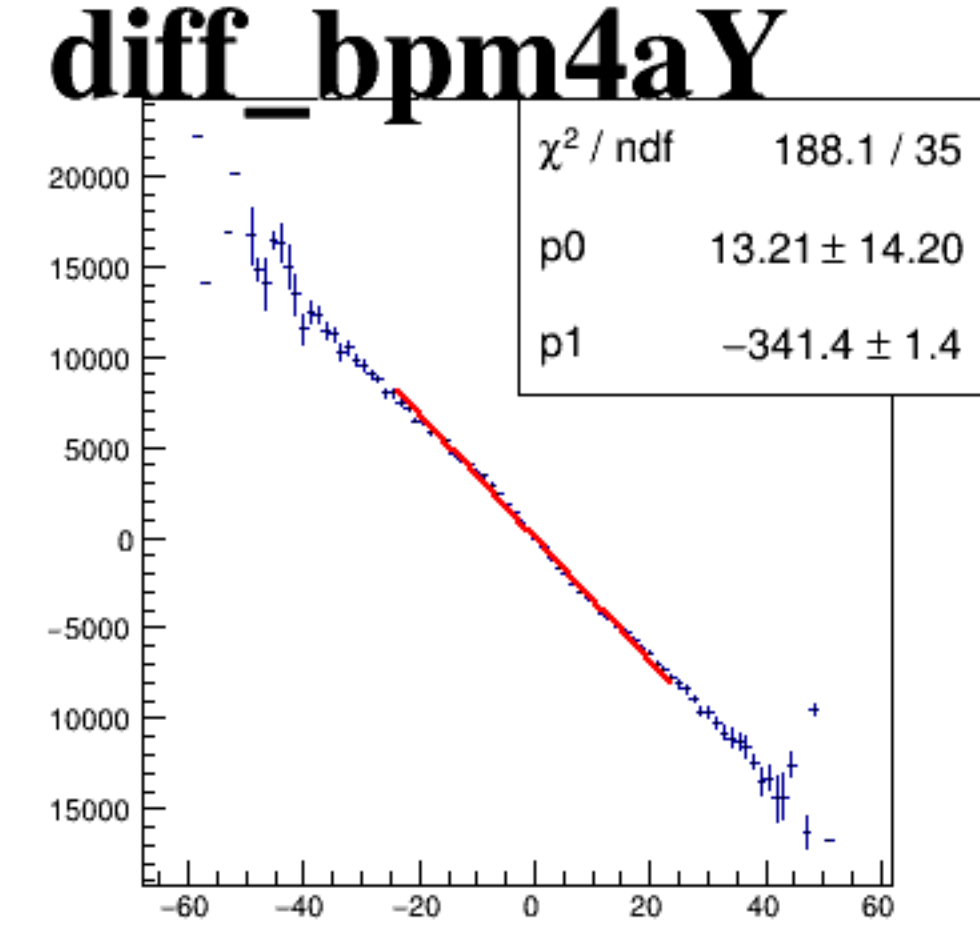
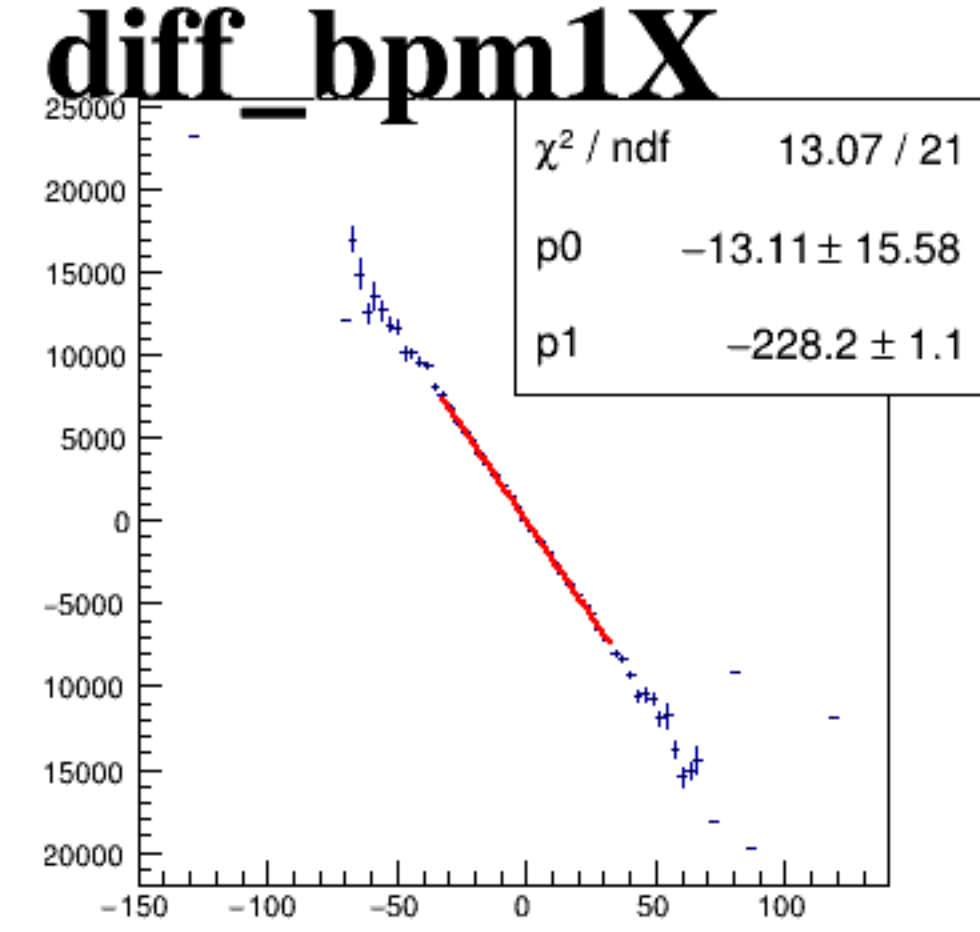
reg_asym_sam6



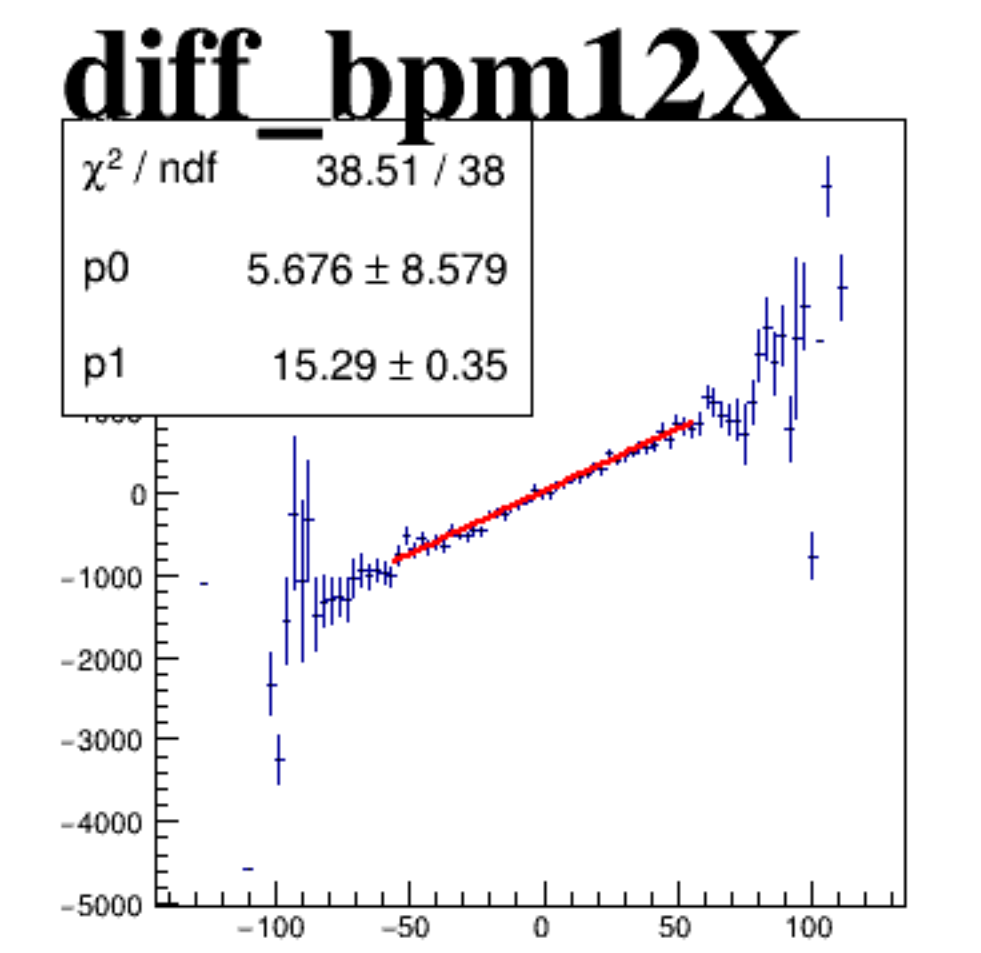
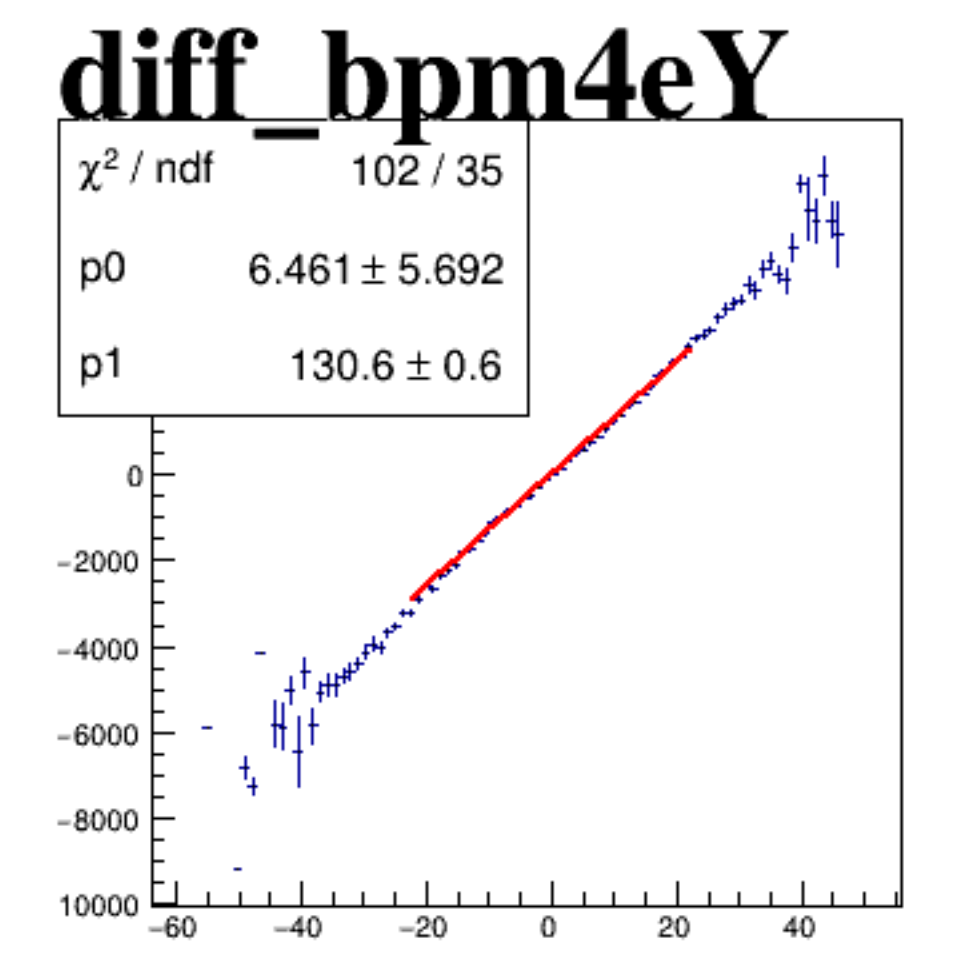
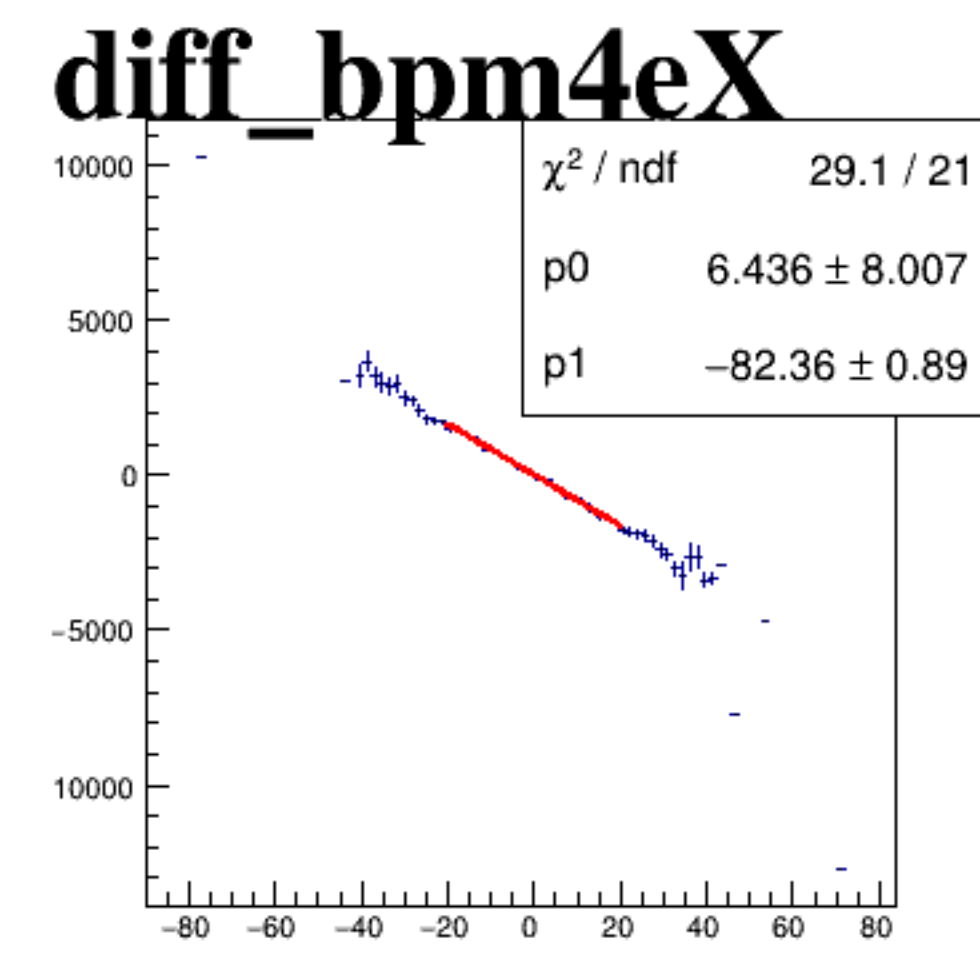
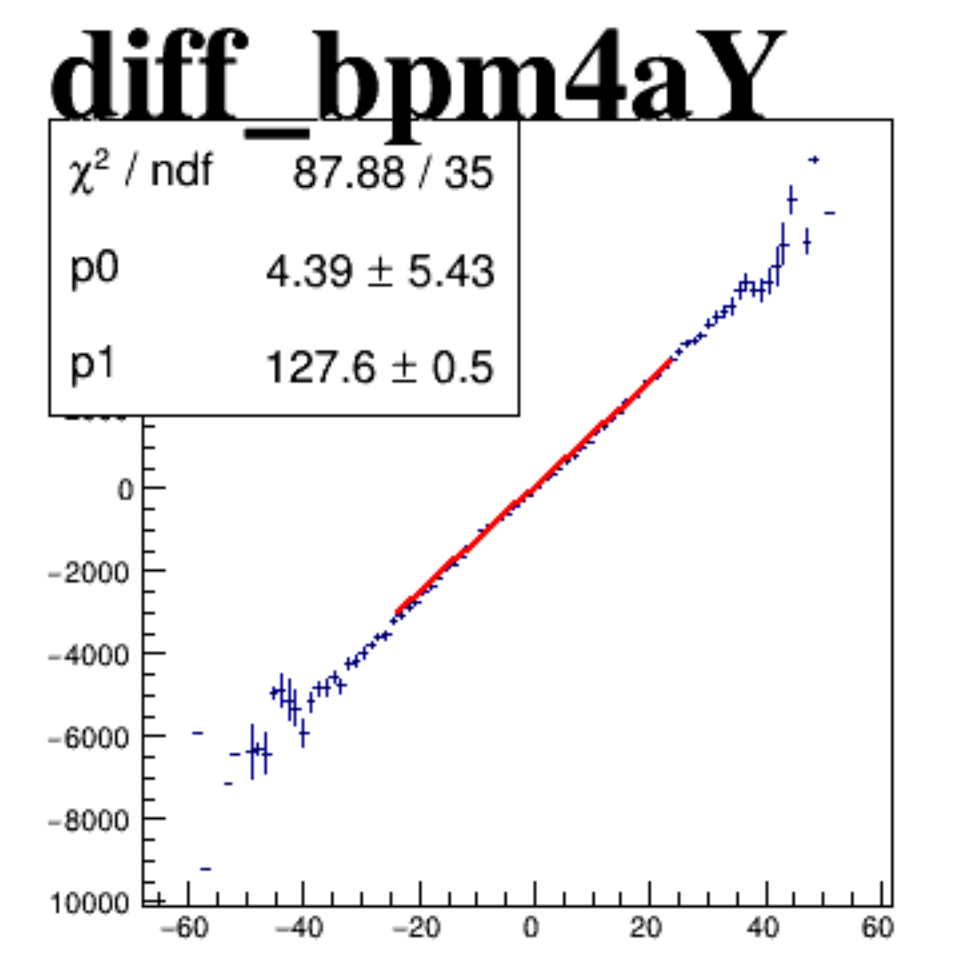
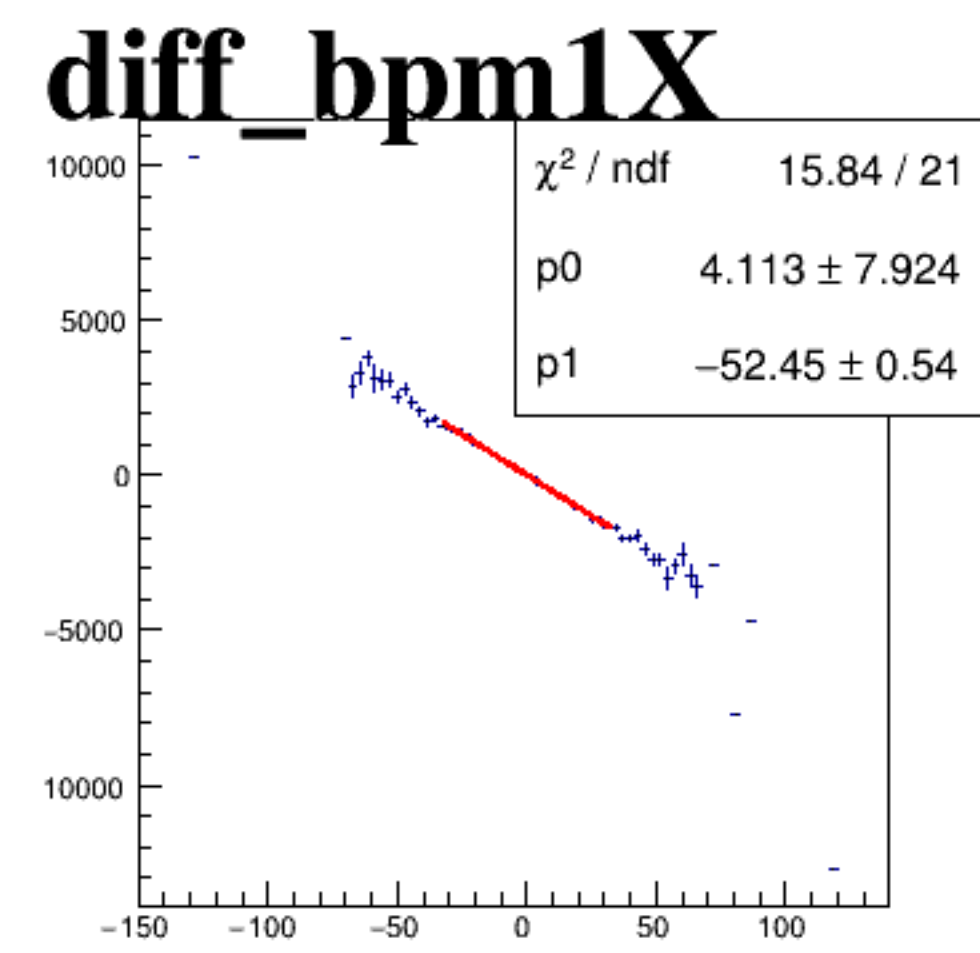
reg_asym_sam8



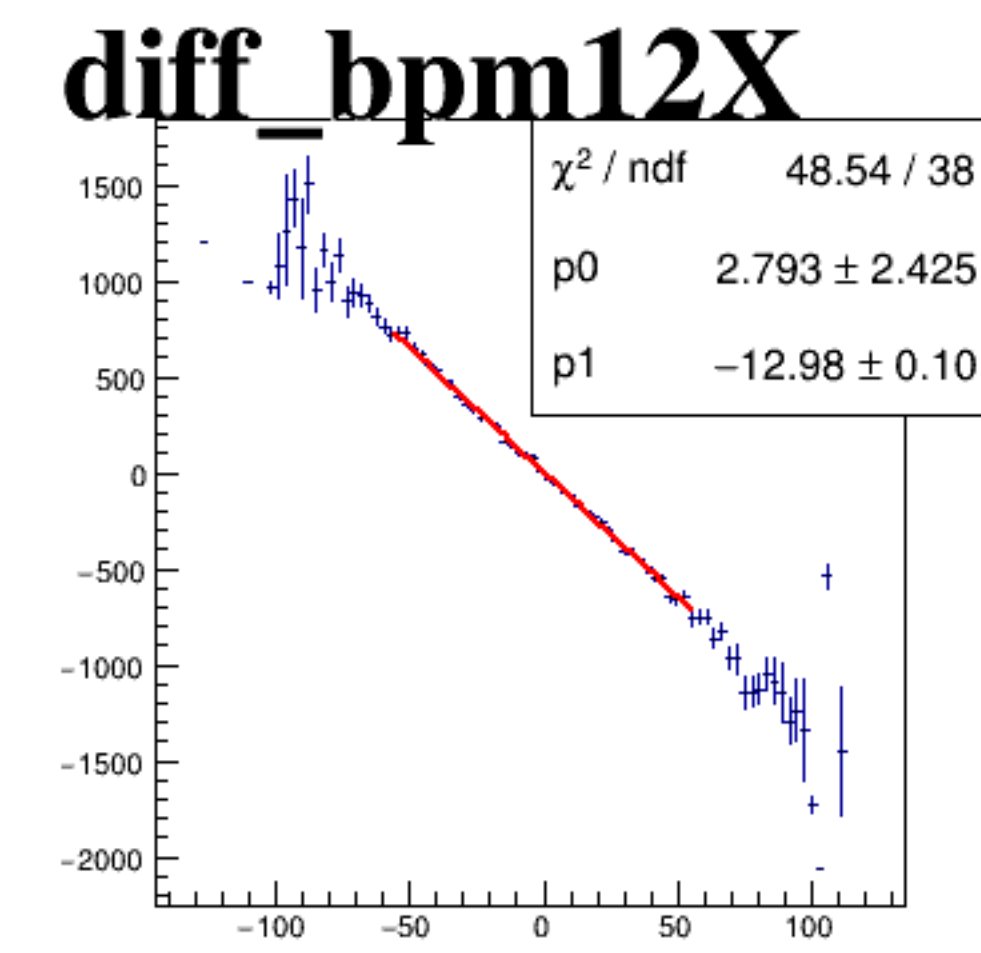
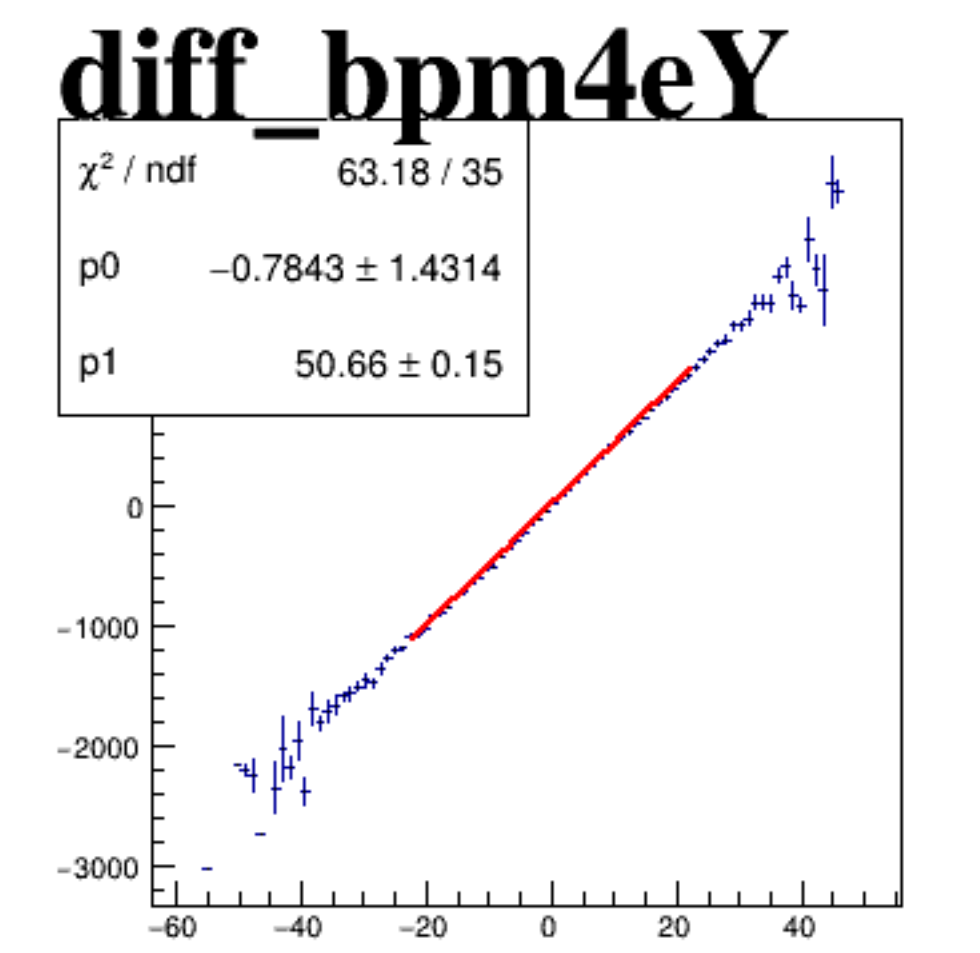
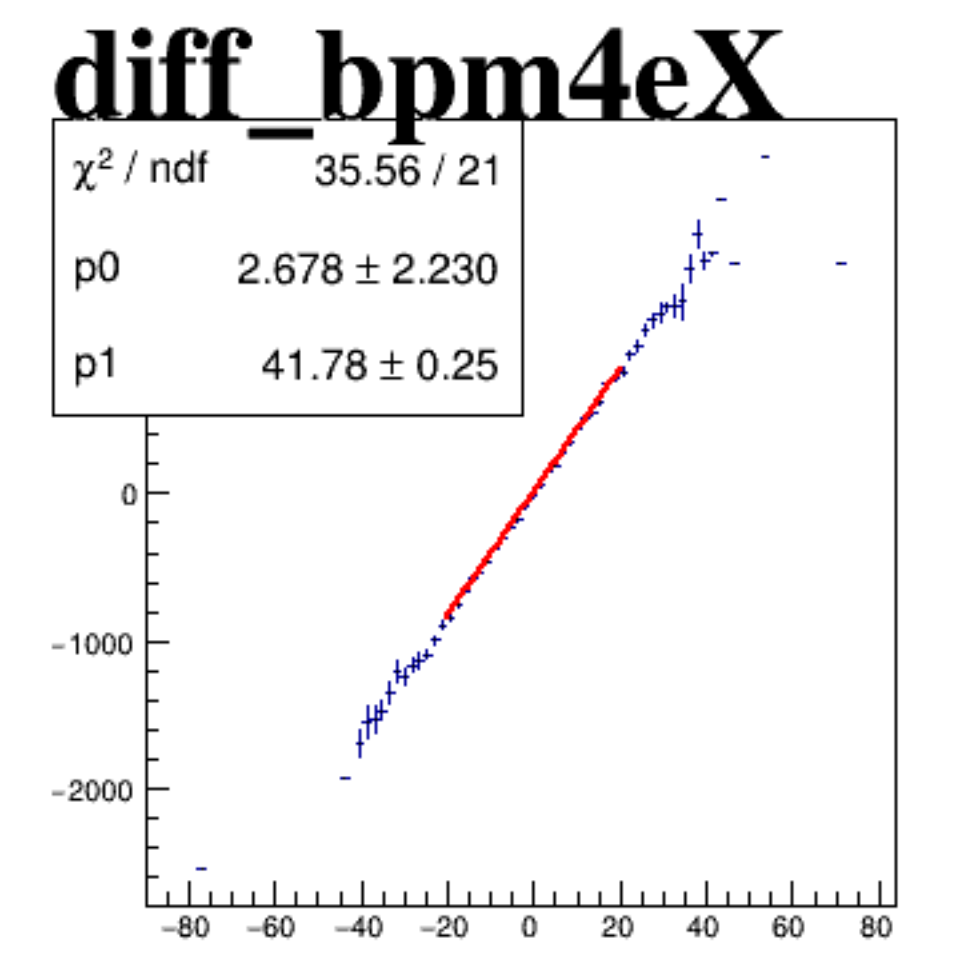
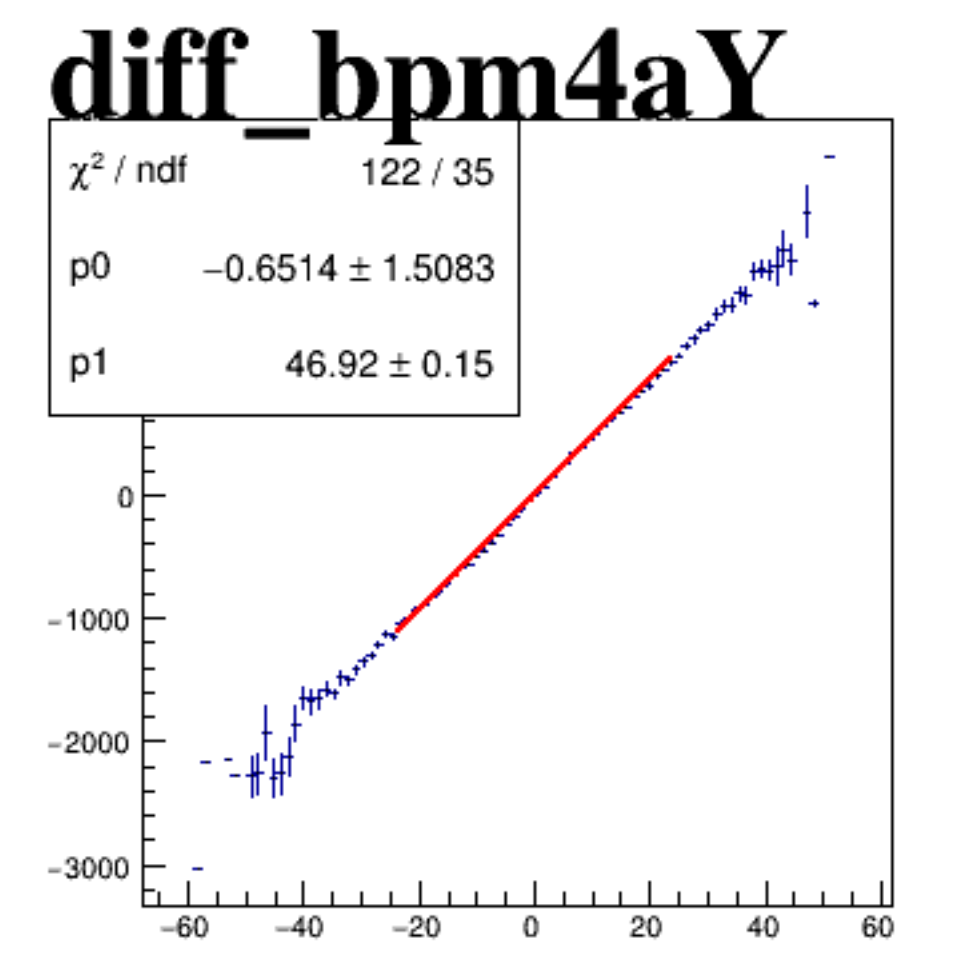
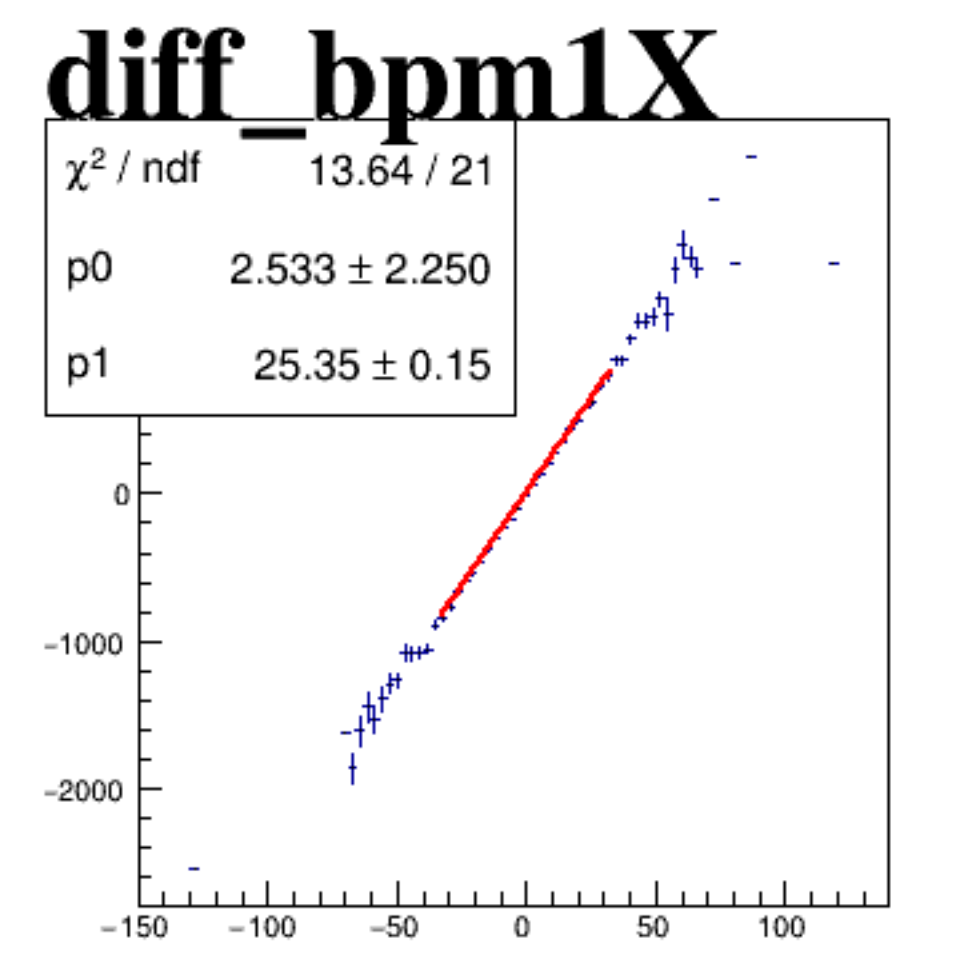
asym_sam2



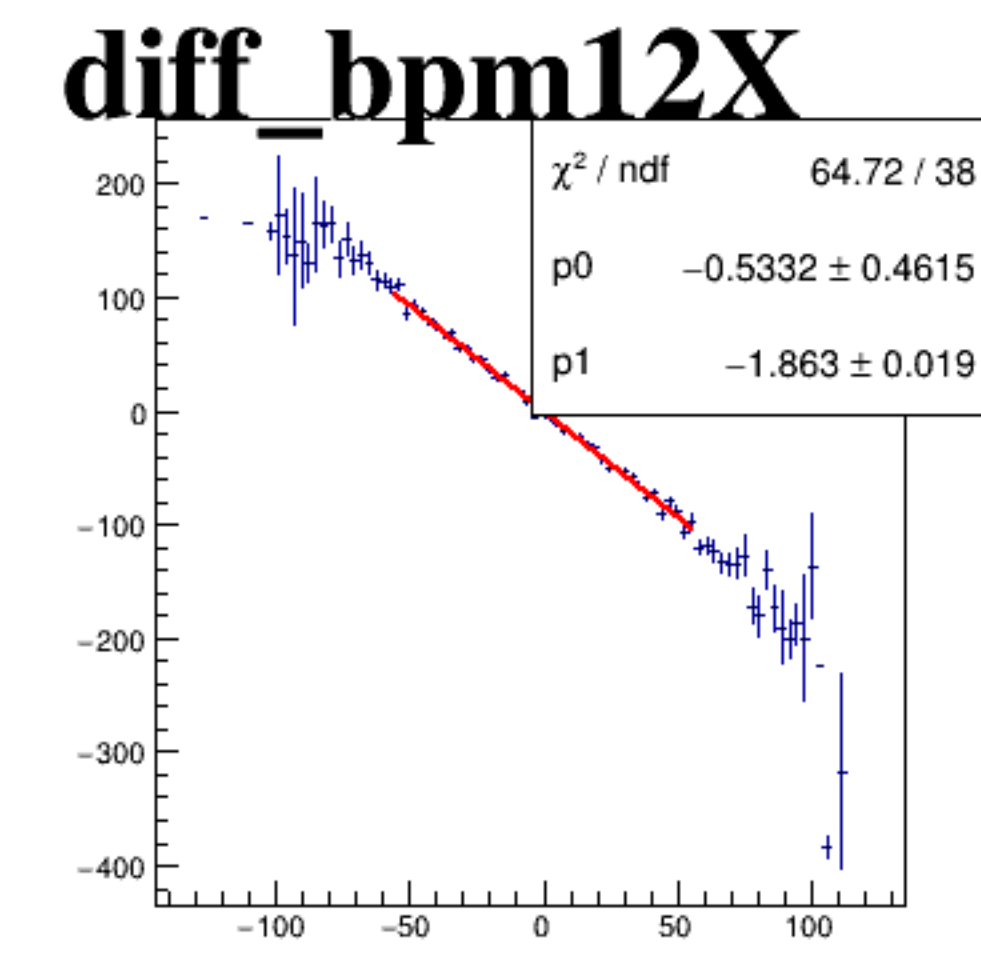
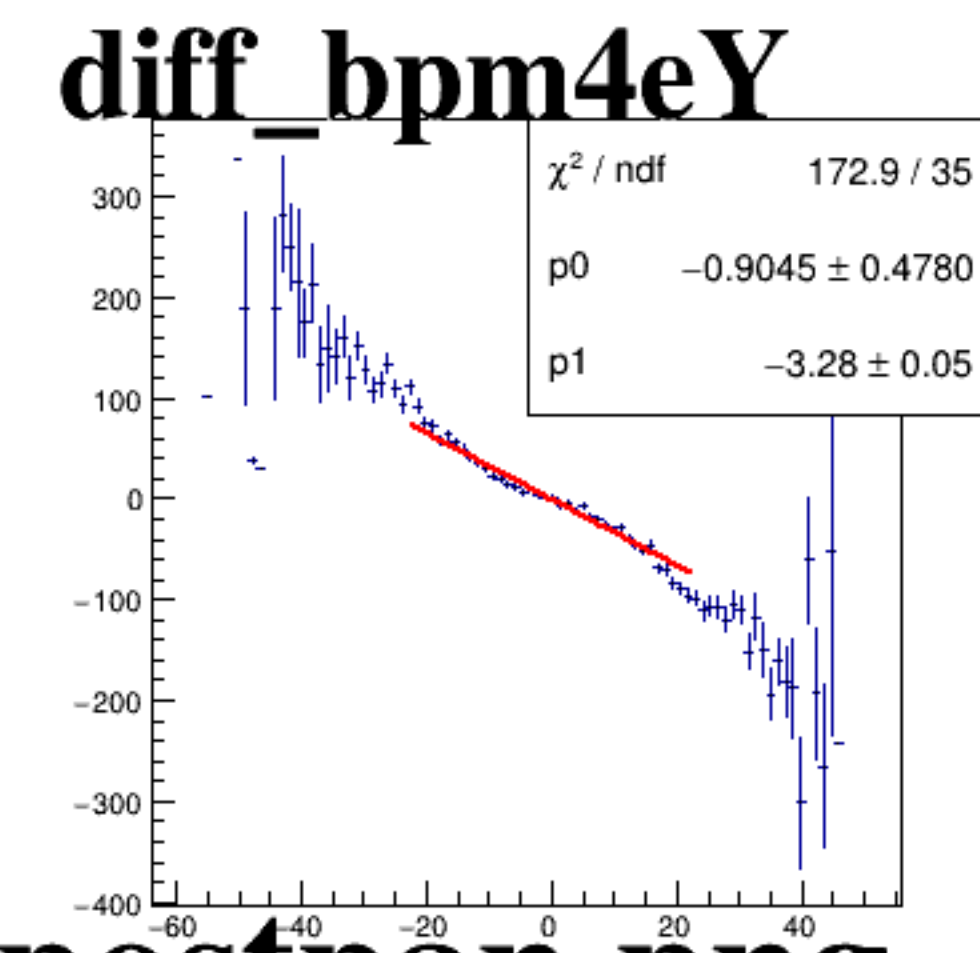
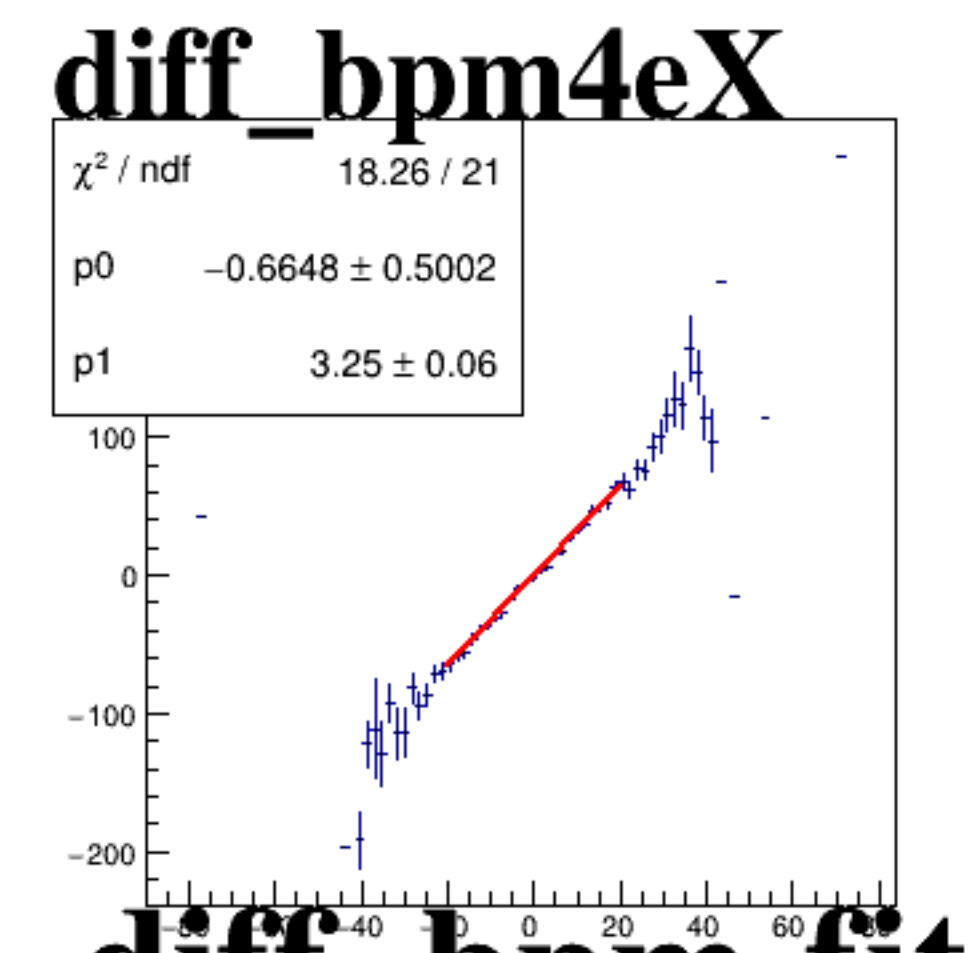
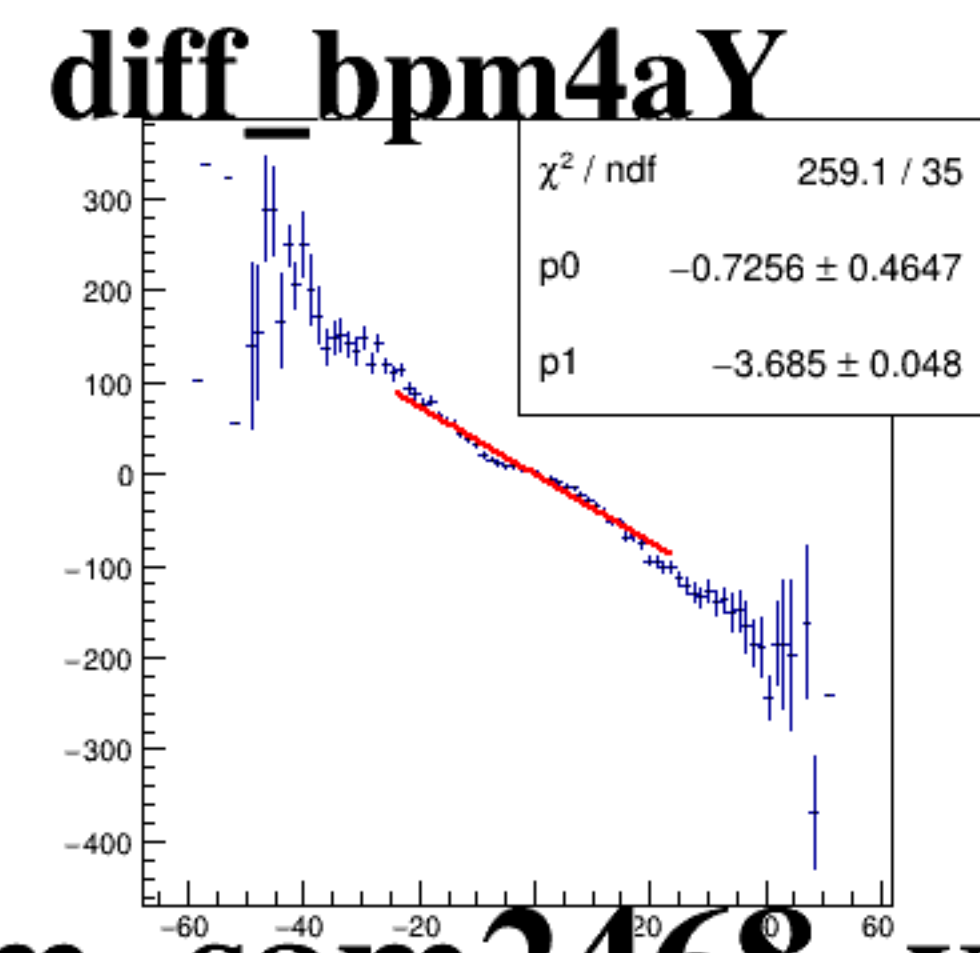
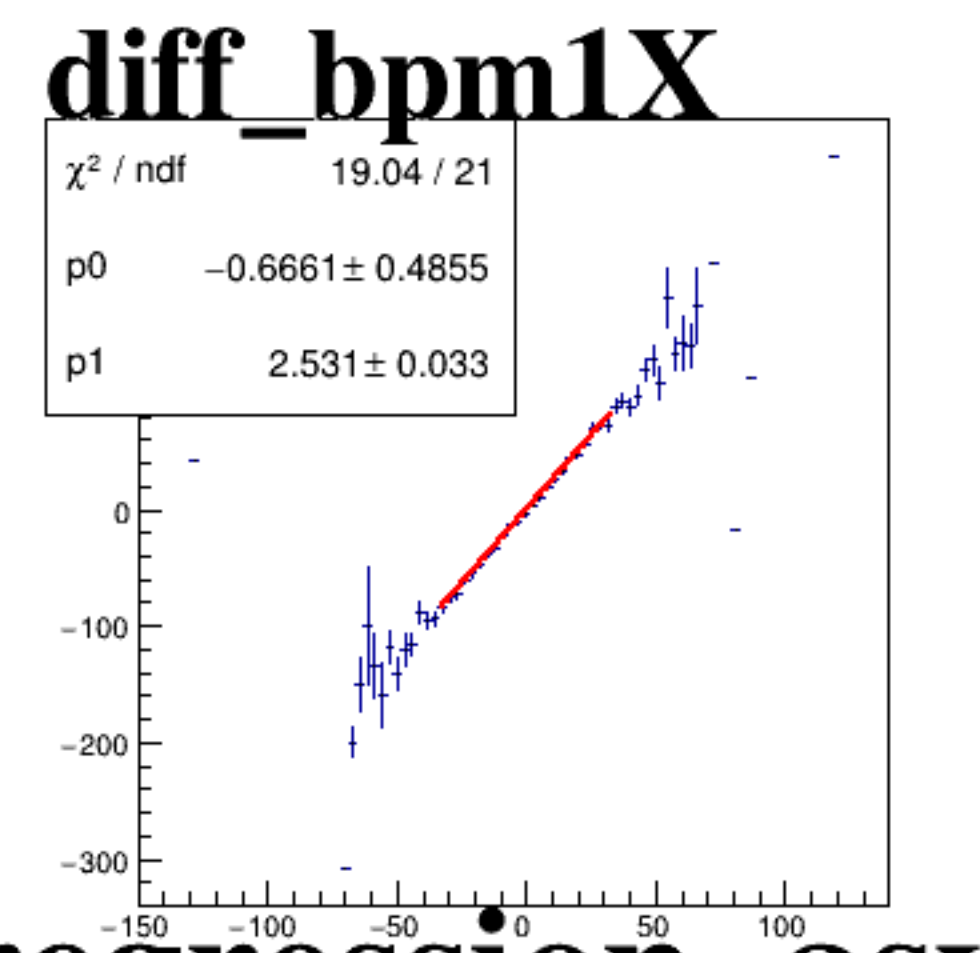
asym_sam4



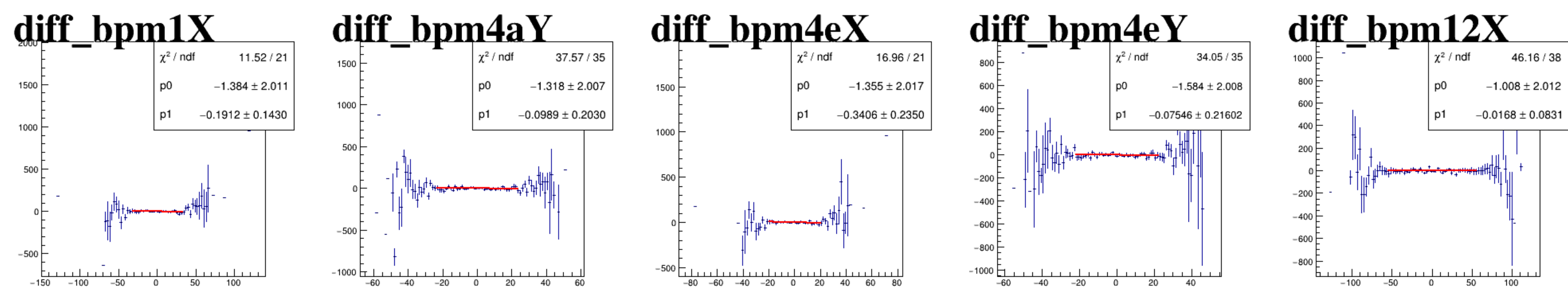
asym_sam6



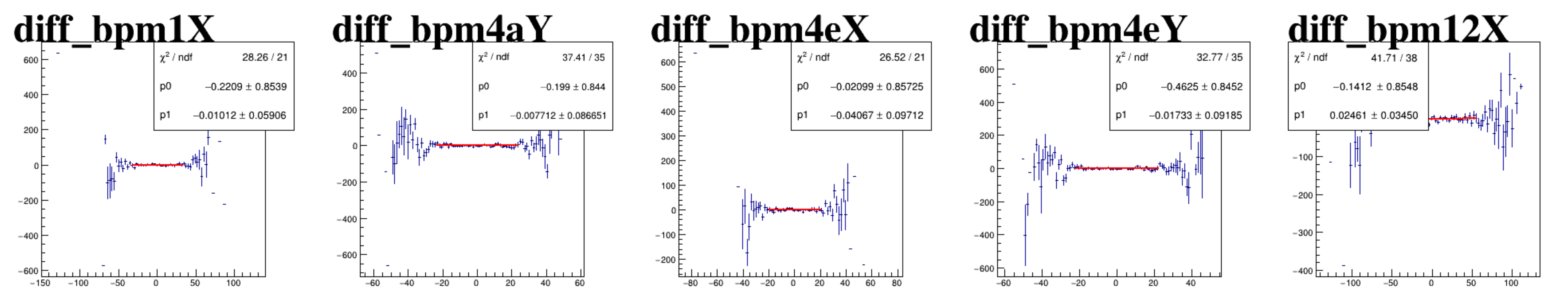
asym_sam8



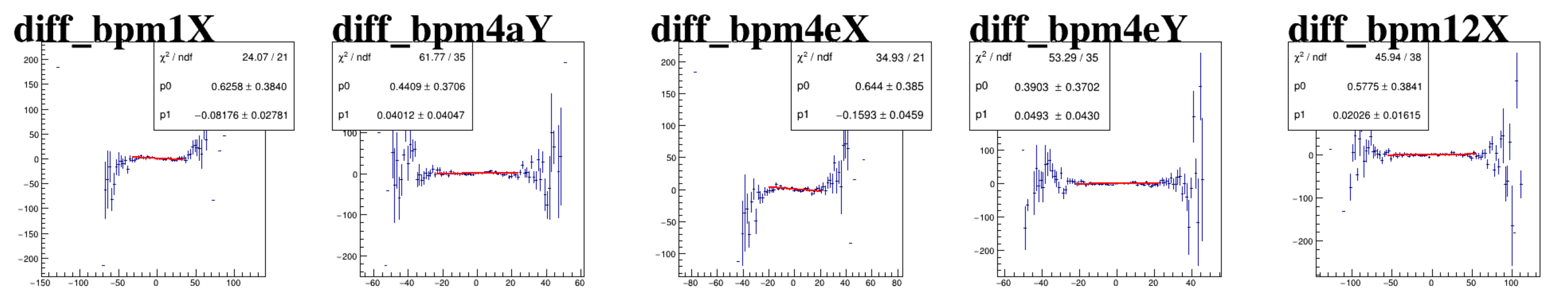
reg_asym_sam2



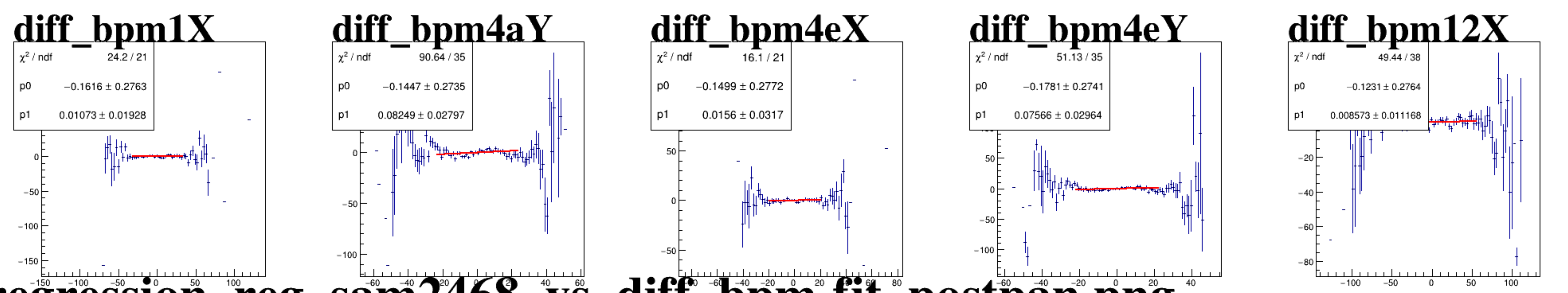
reg_asym_sam4



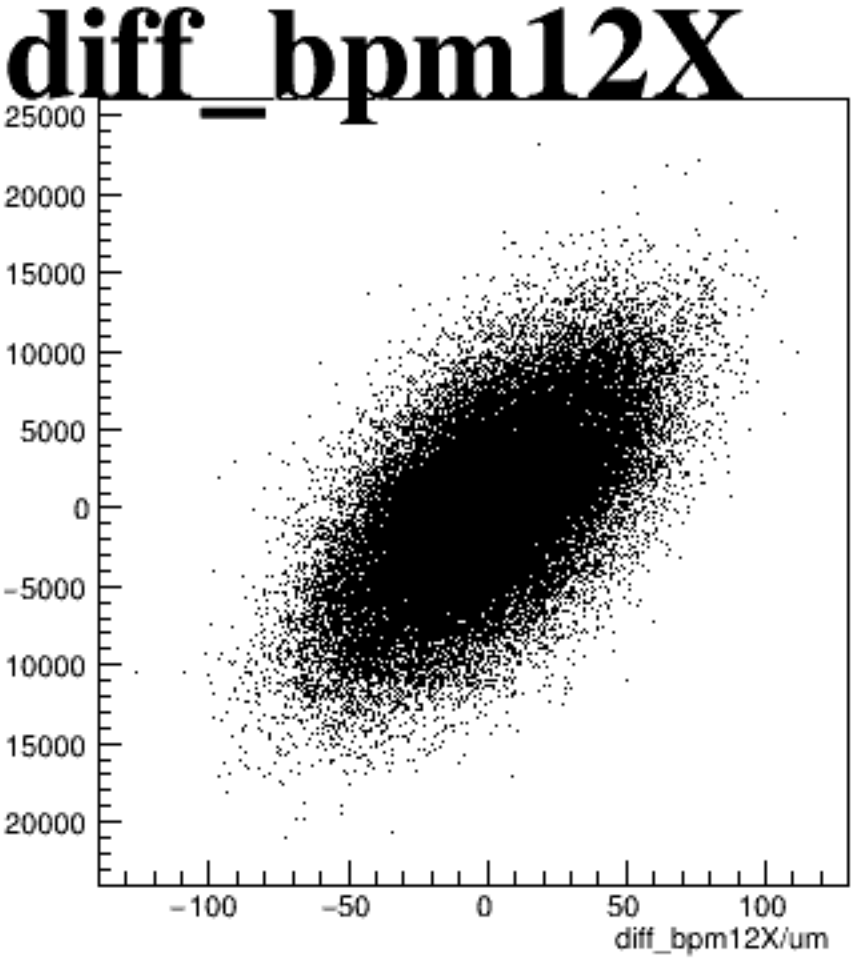
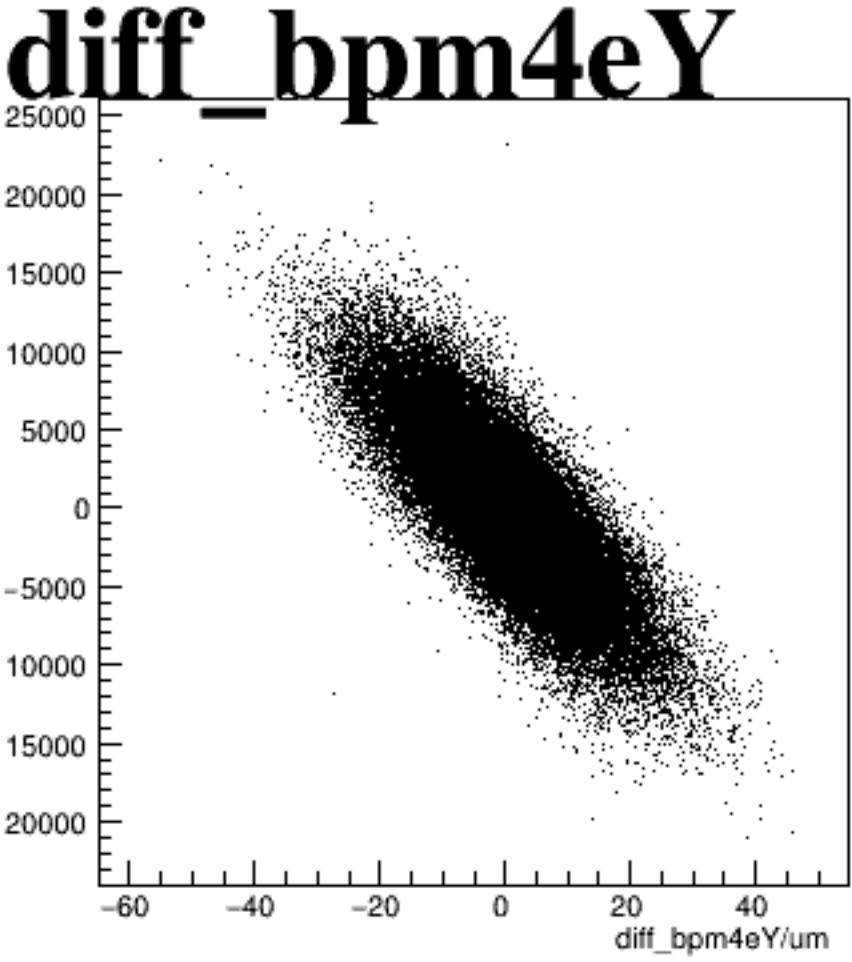
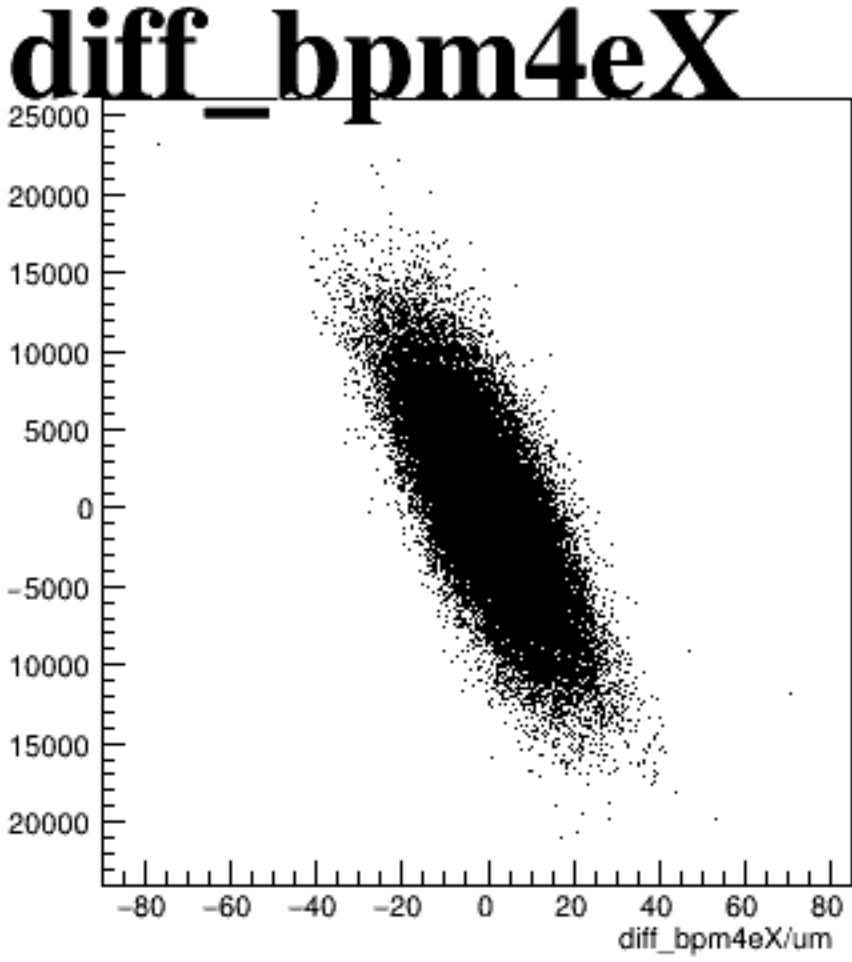
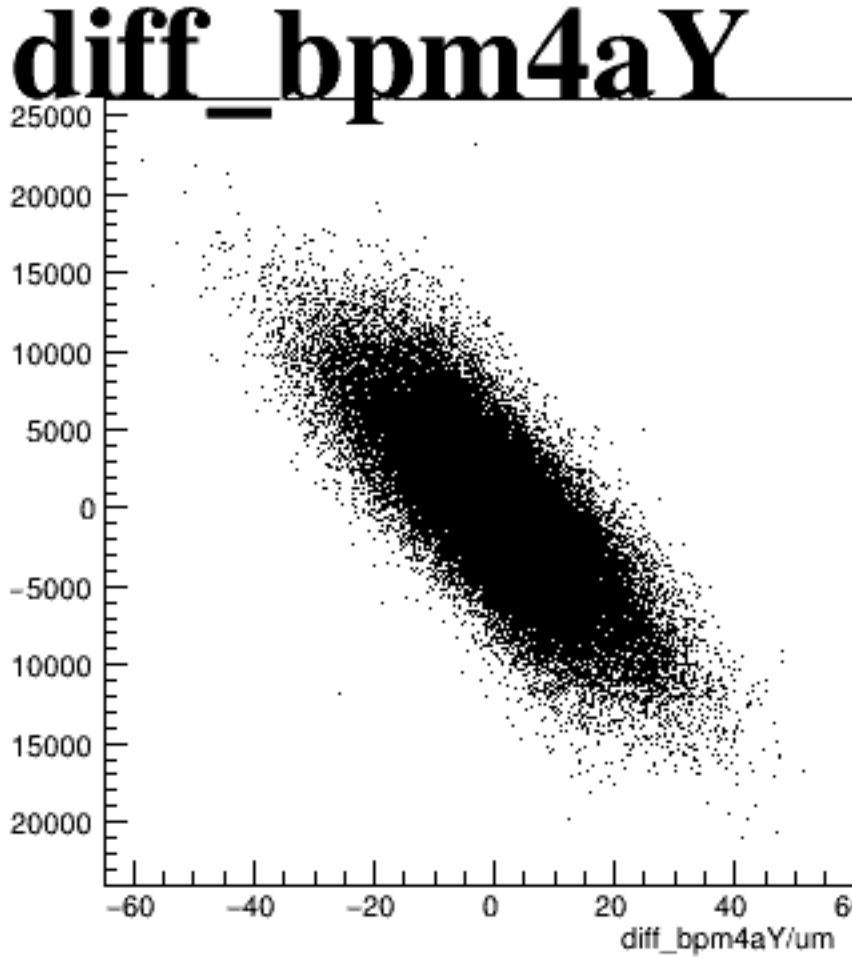
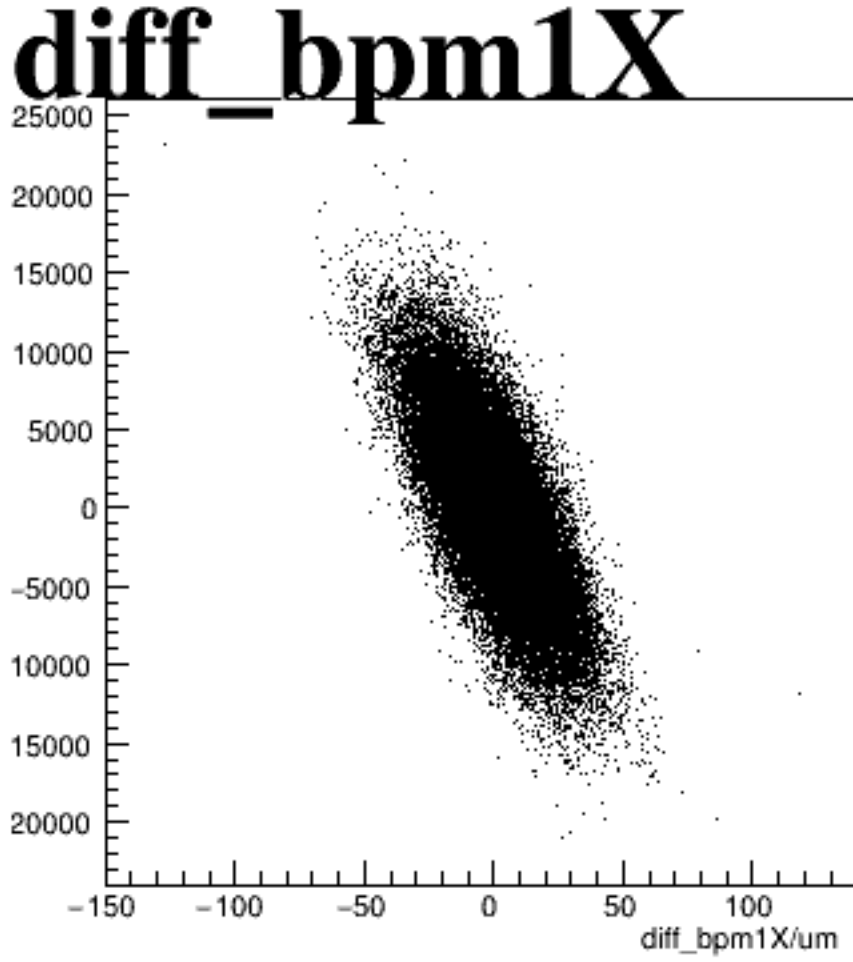
reg_asym_sam6



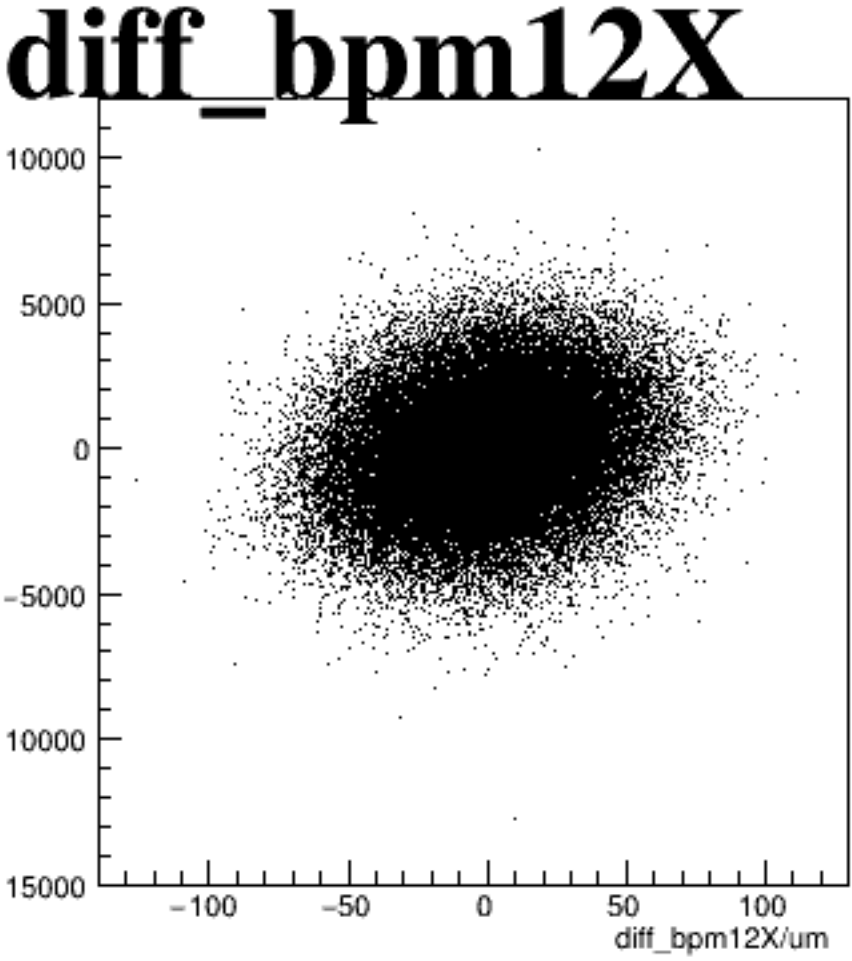
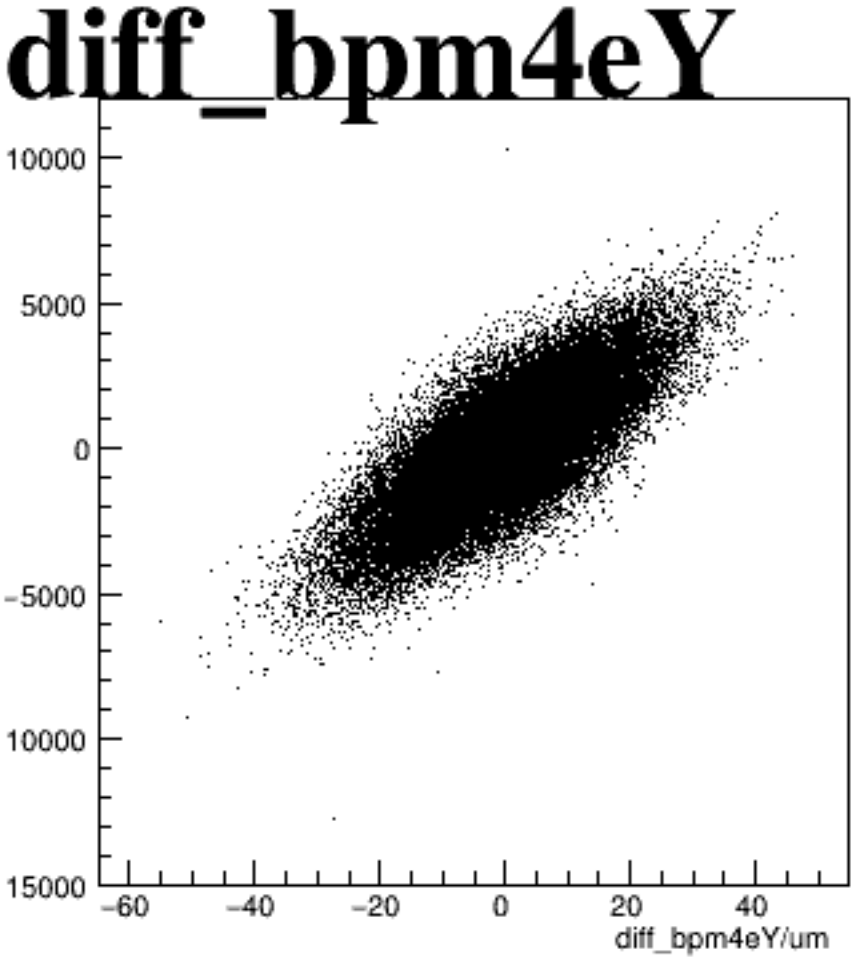
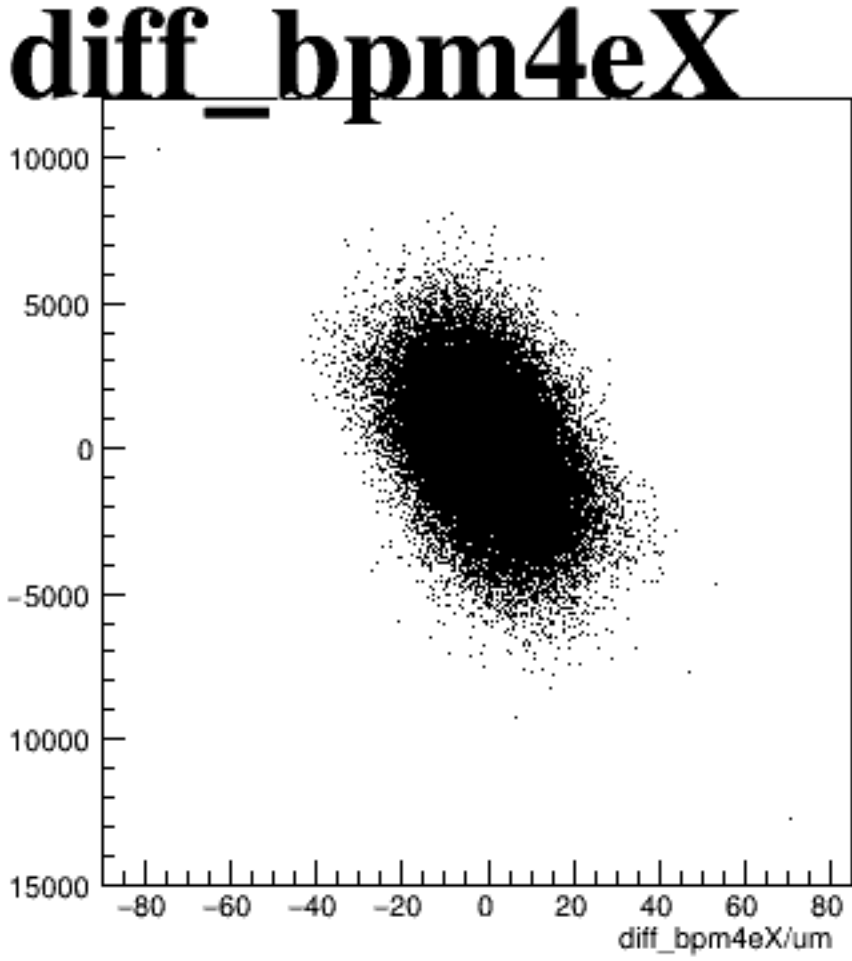
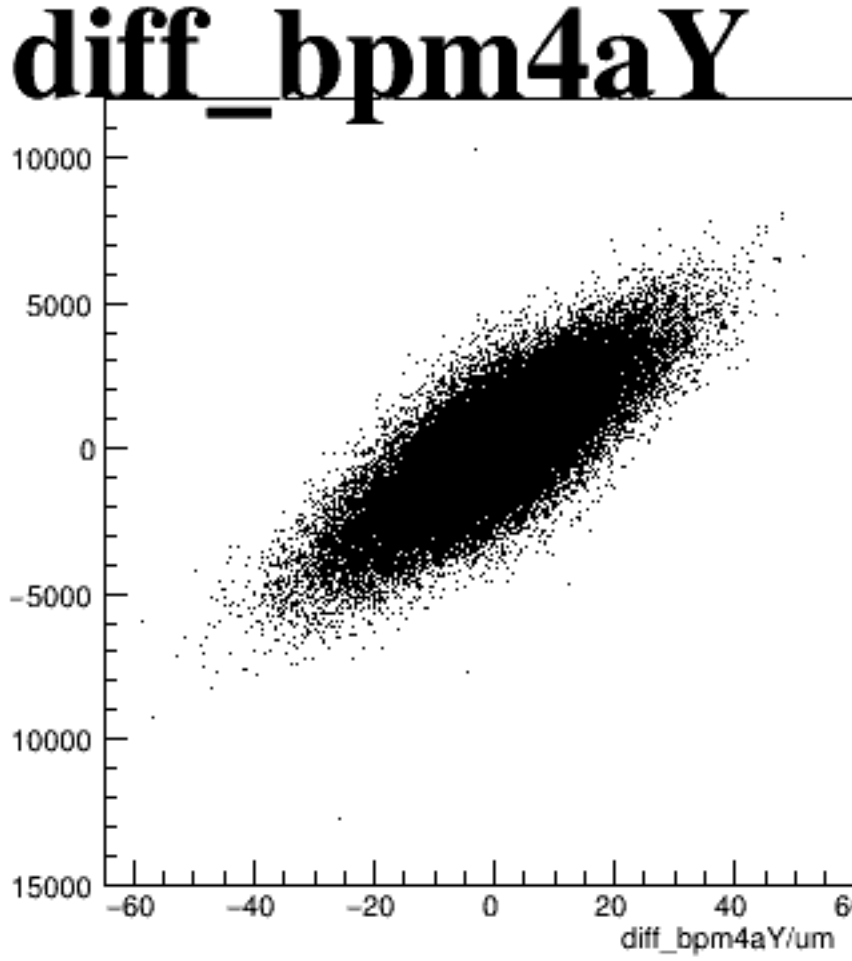
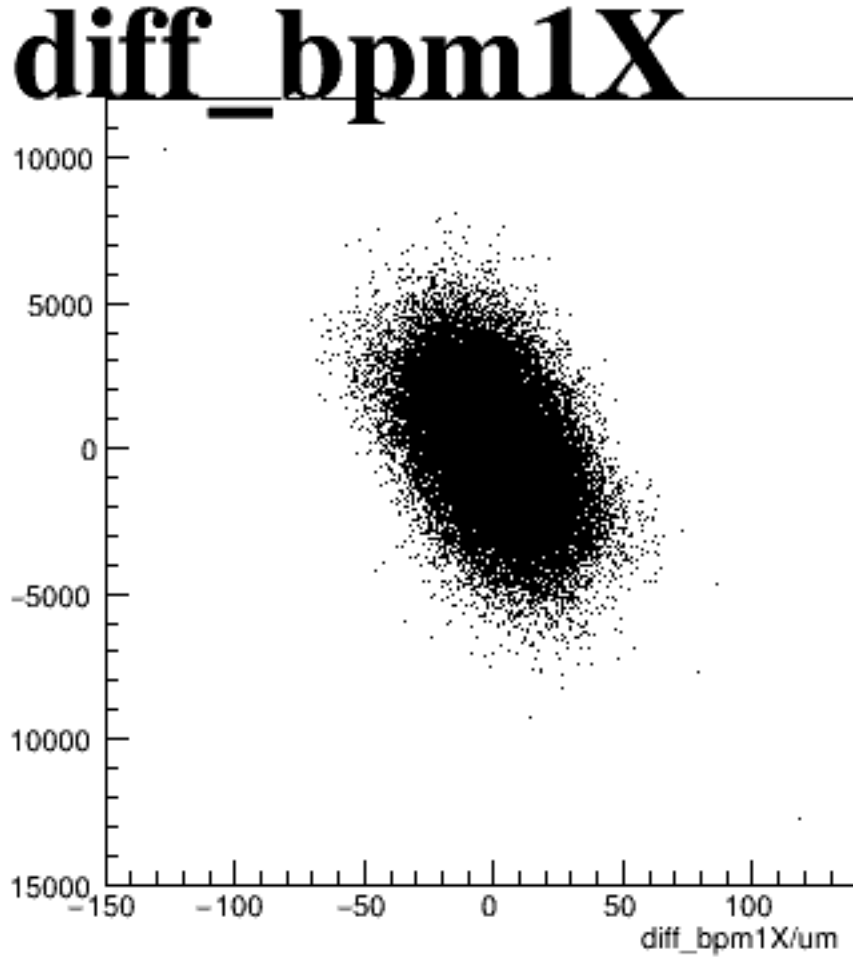
reg_asym_sam8



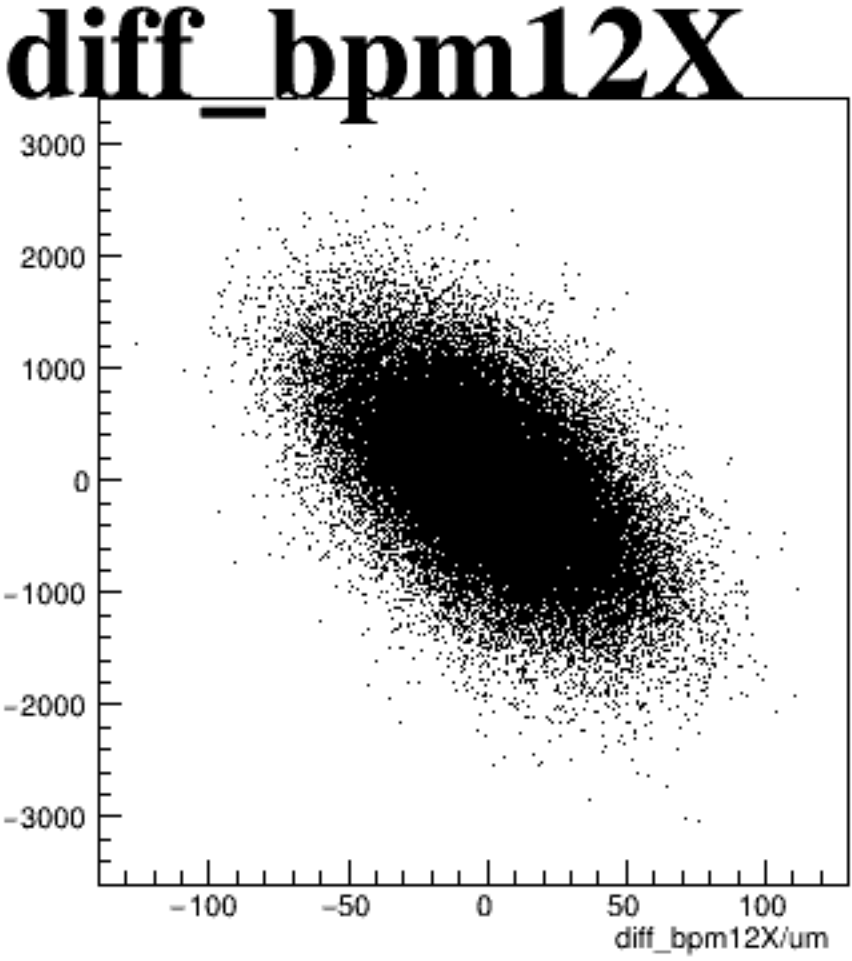
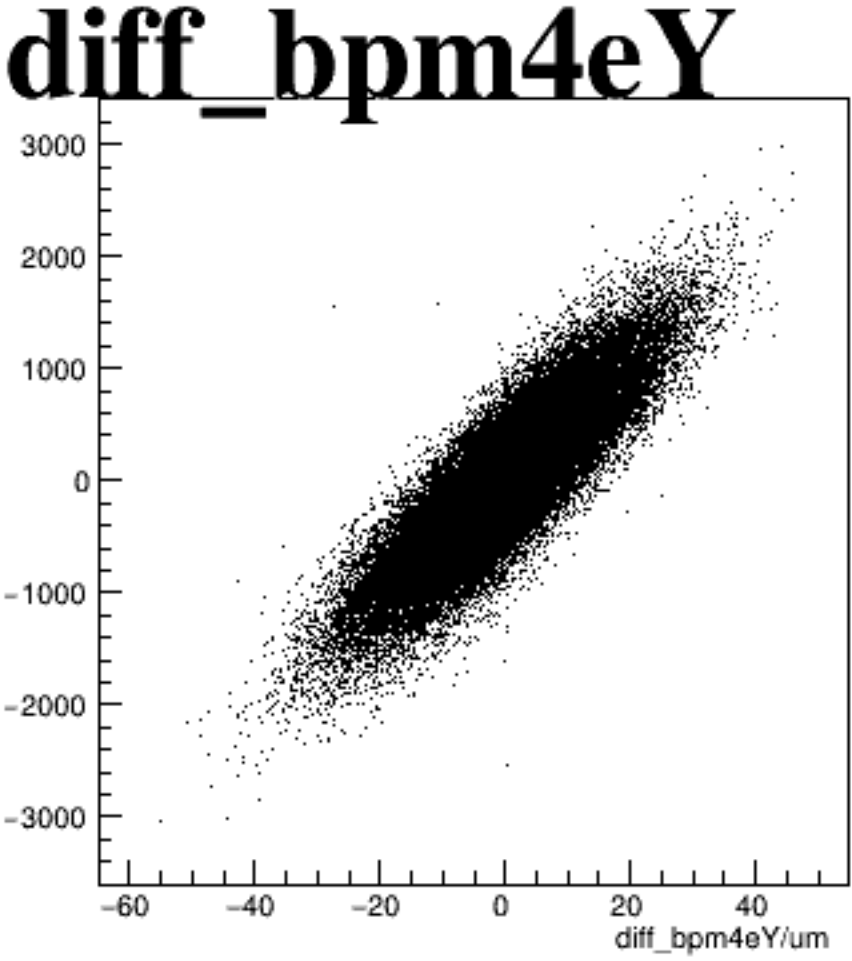
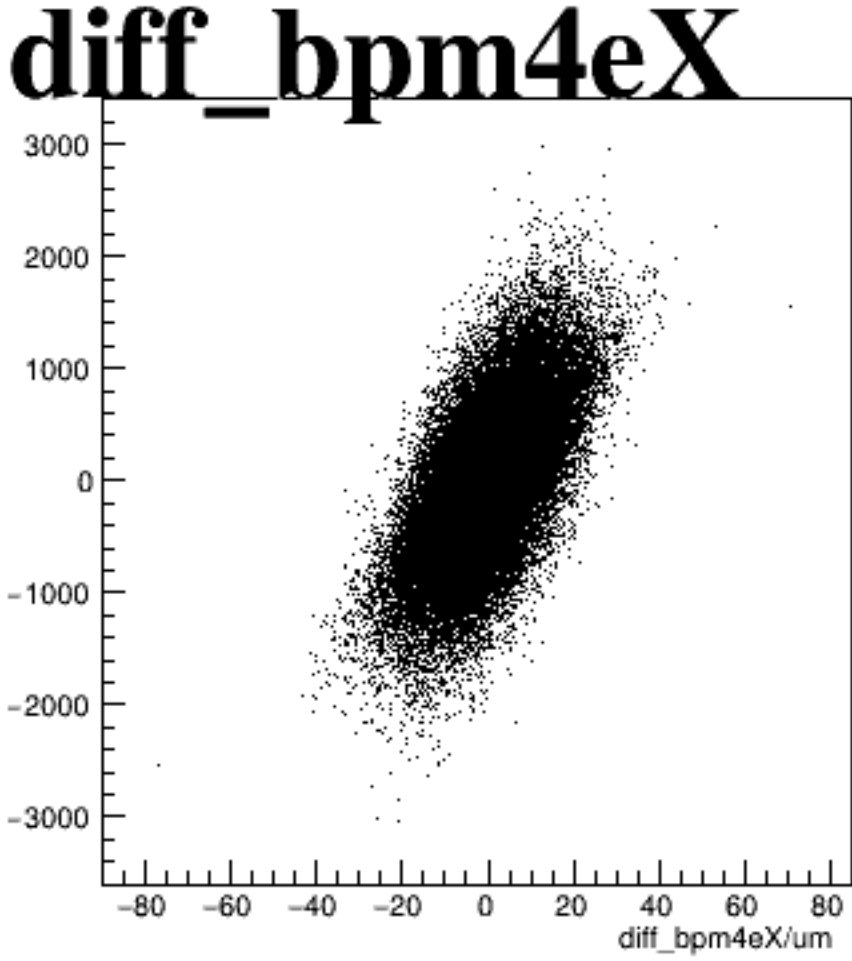
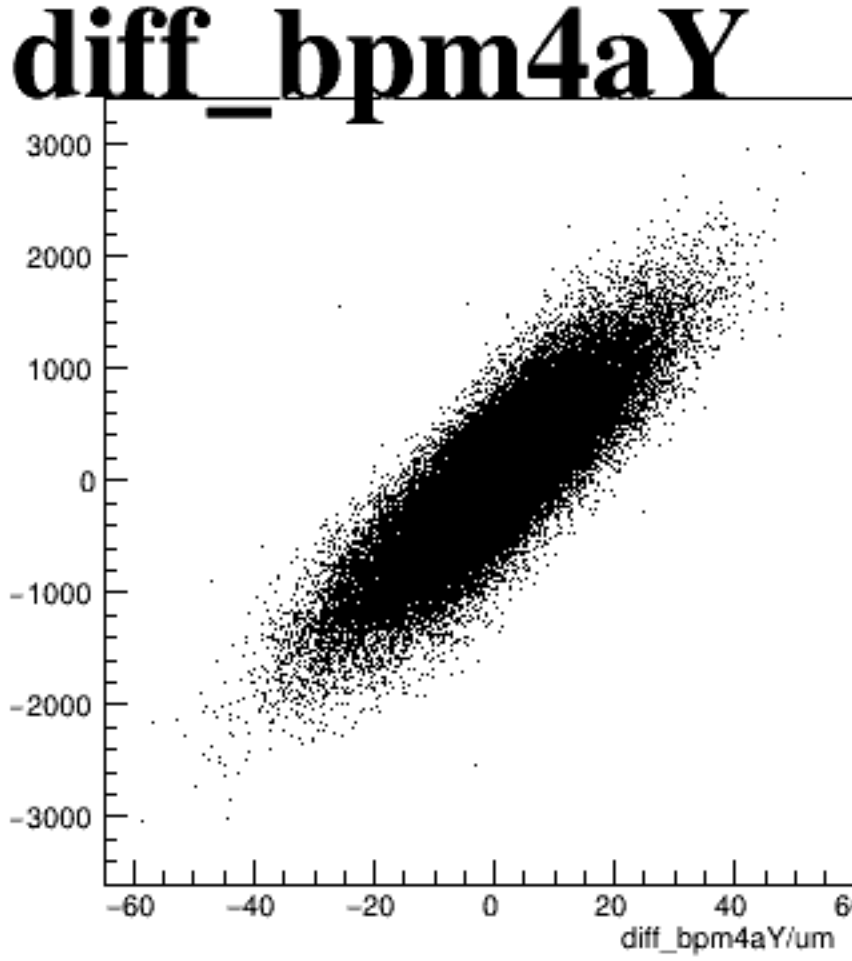
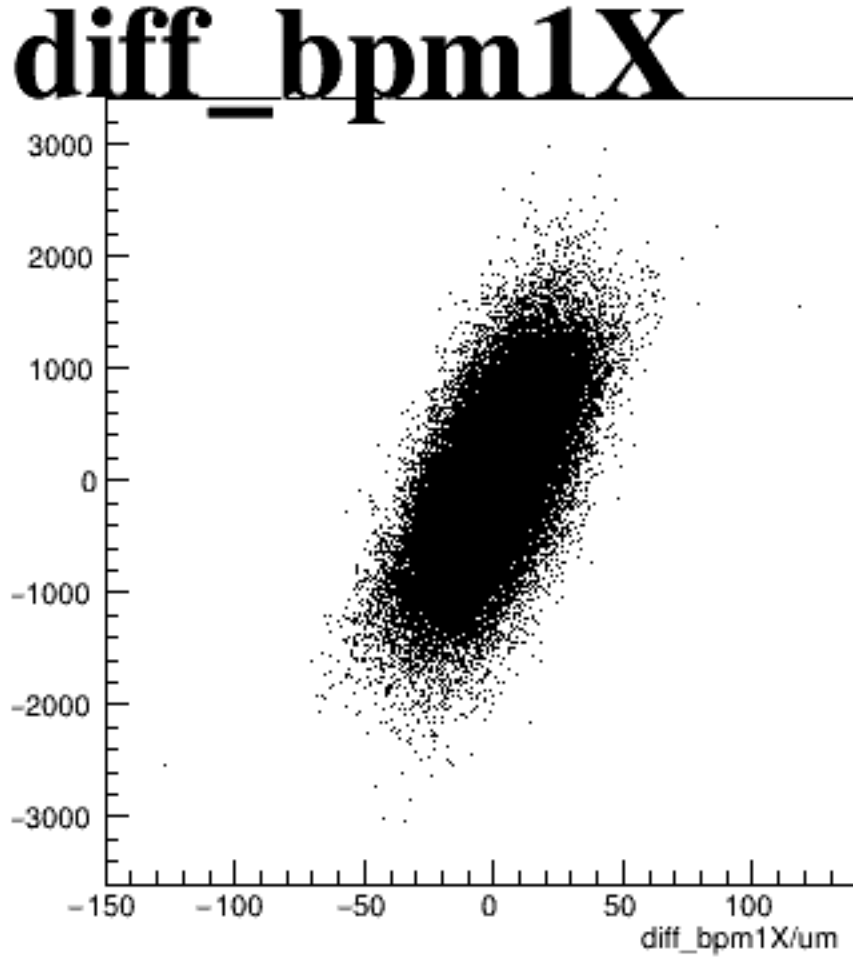
asym_sam2



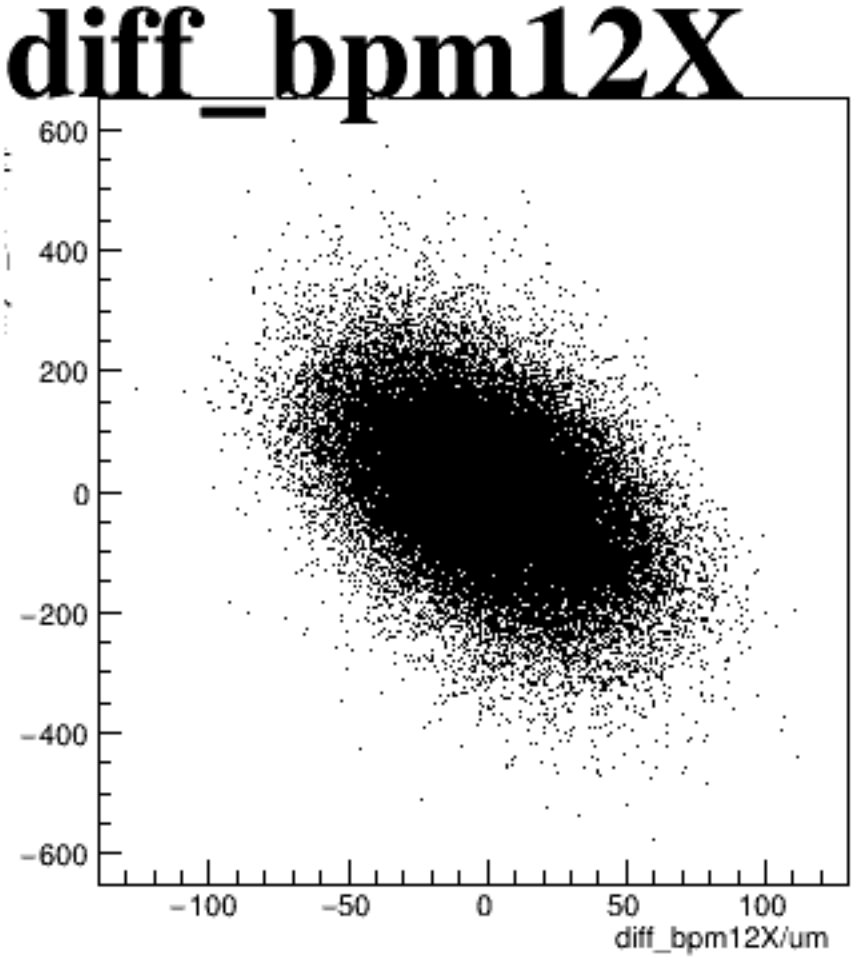
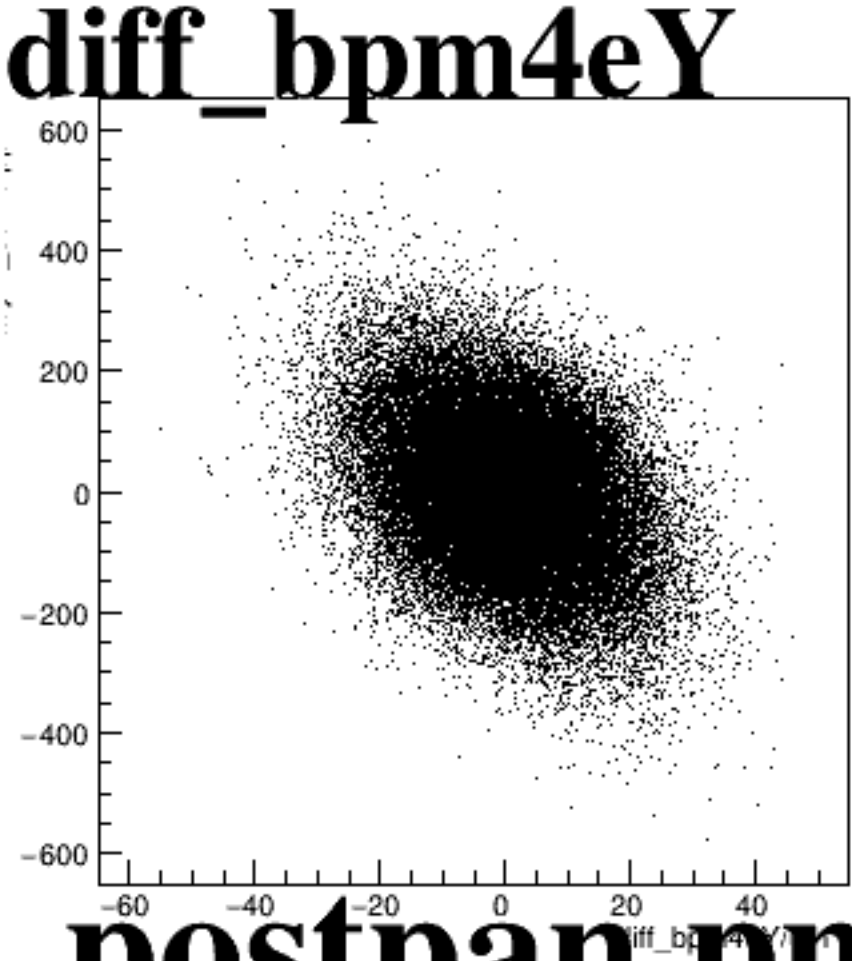
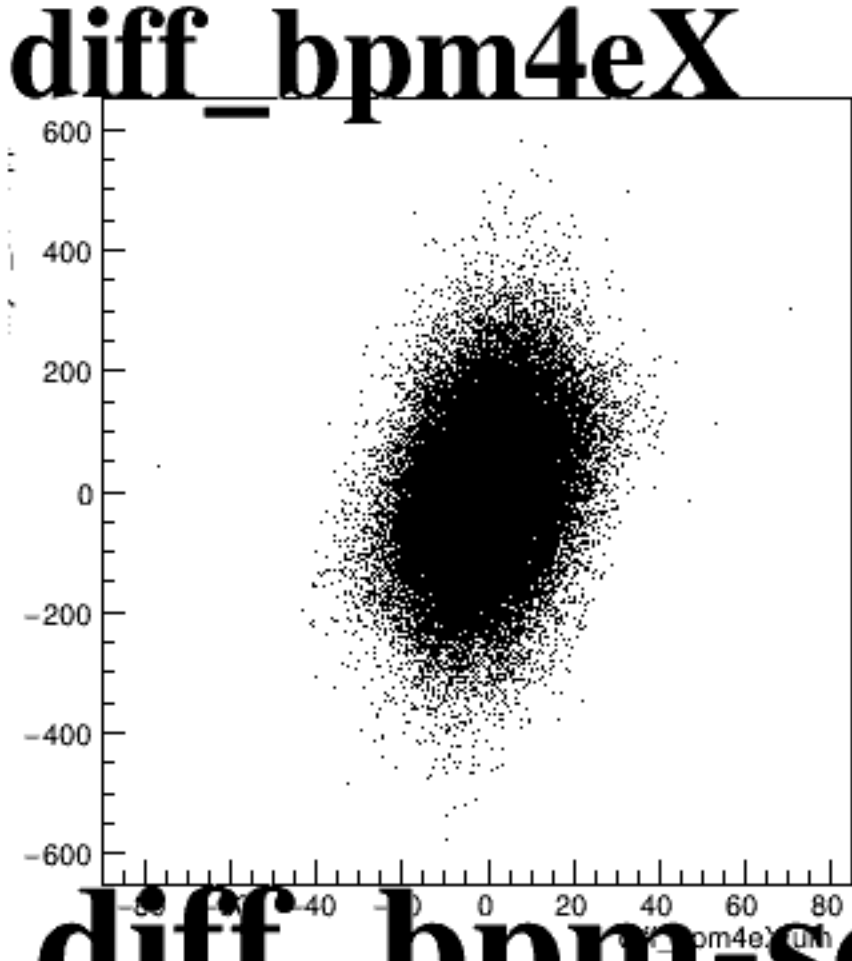
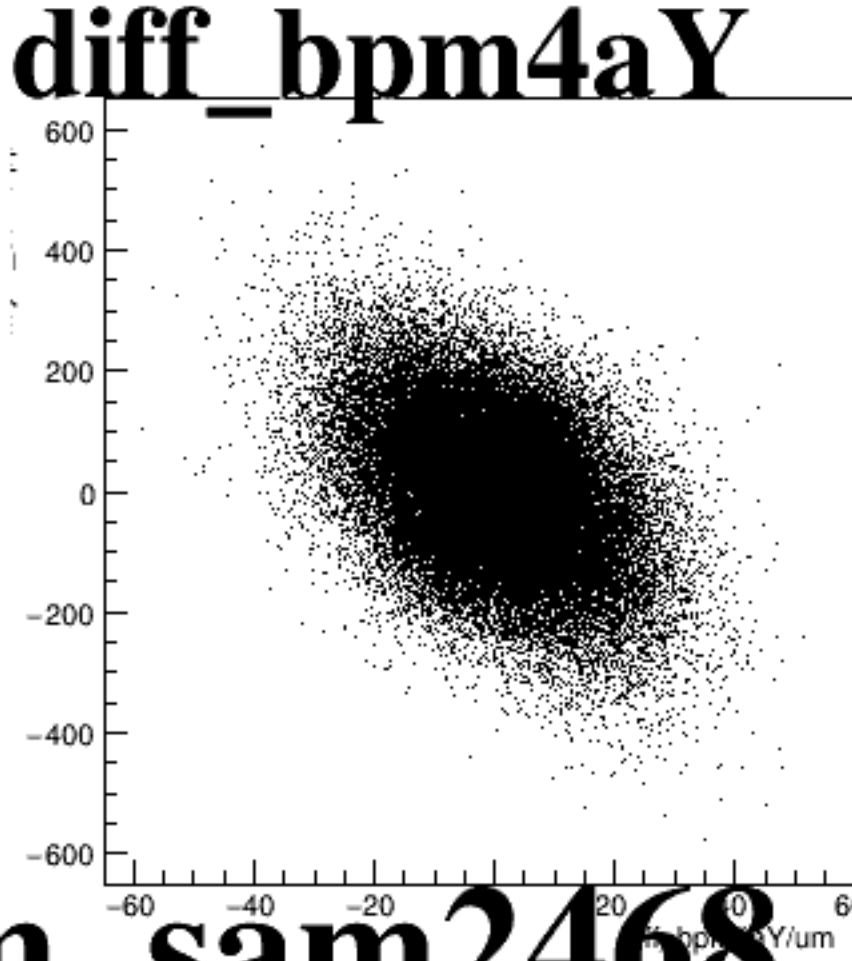
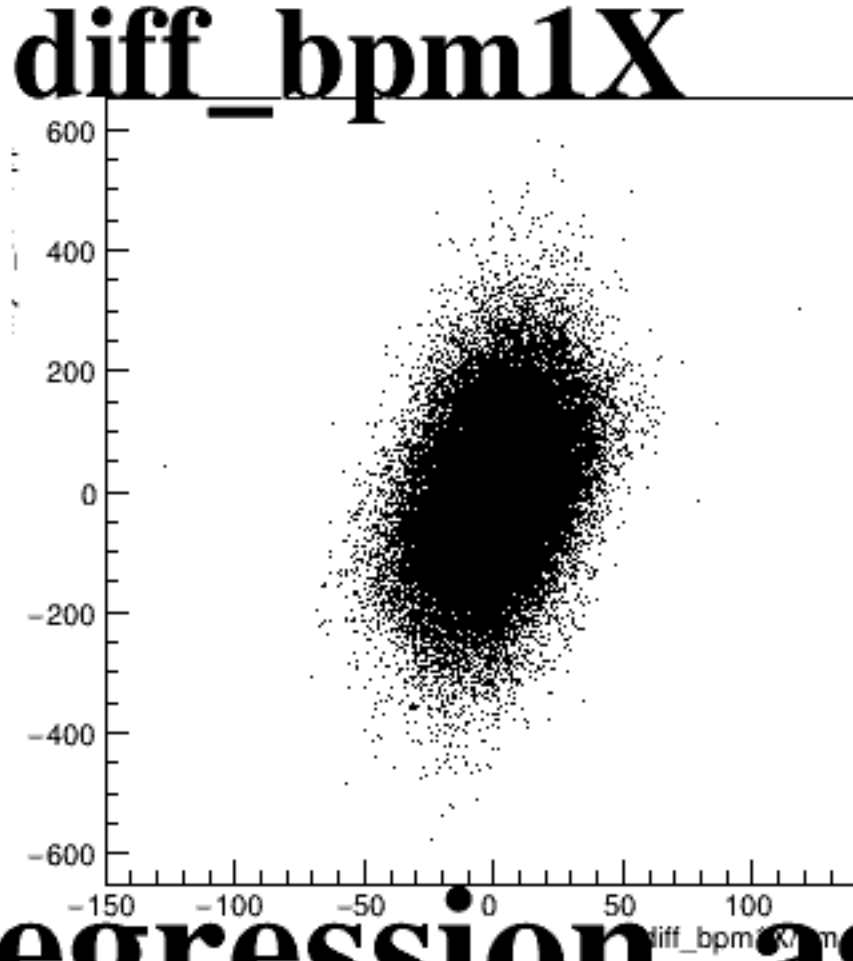
asym_sam4



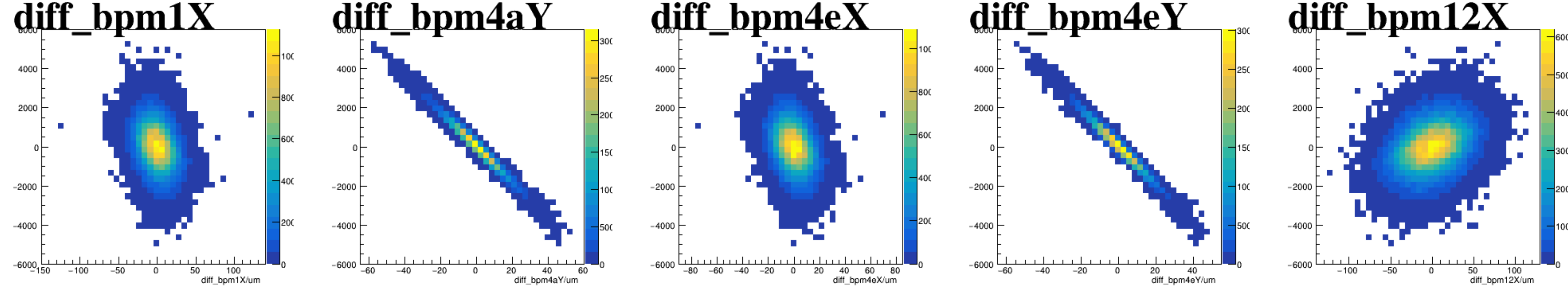
asym_sam6



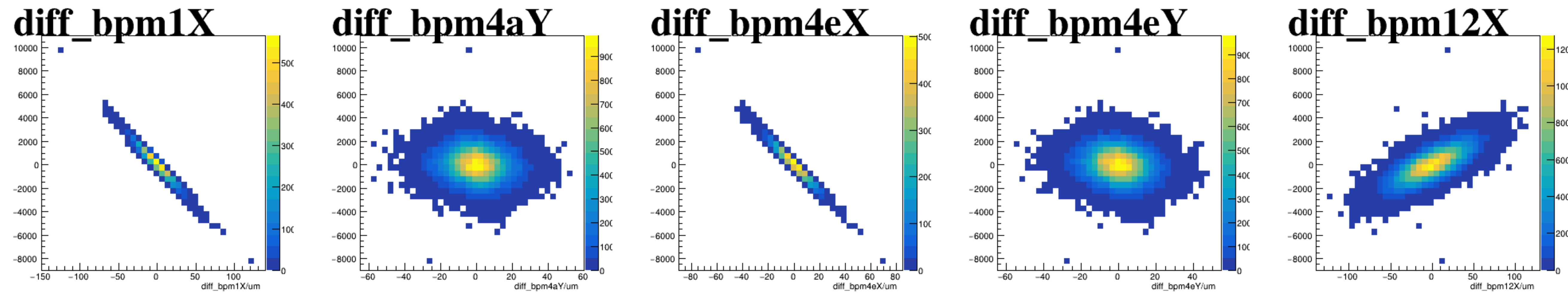
asym_sam8



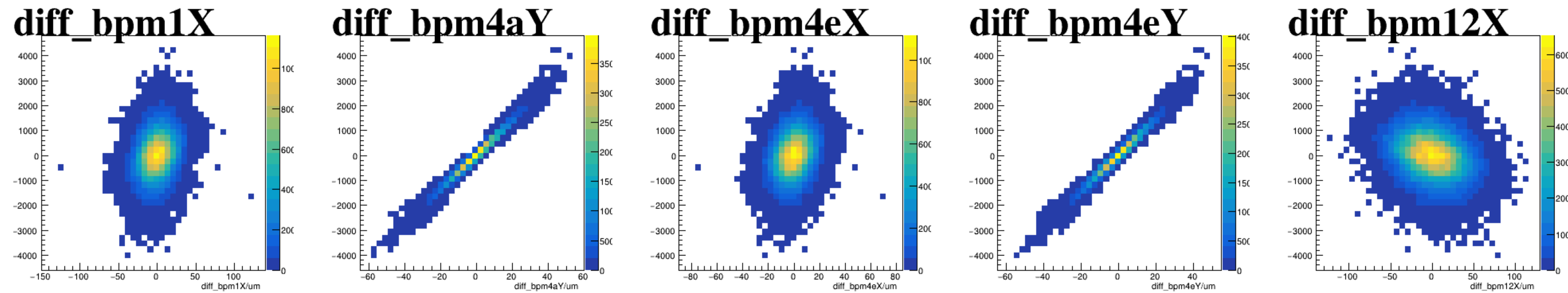
asym_sam1



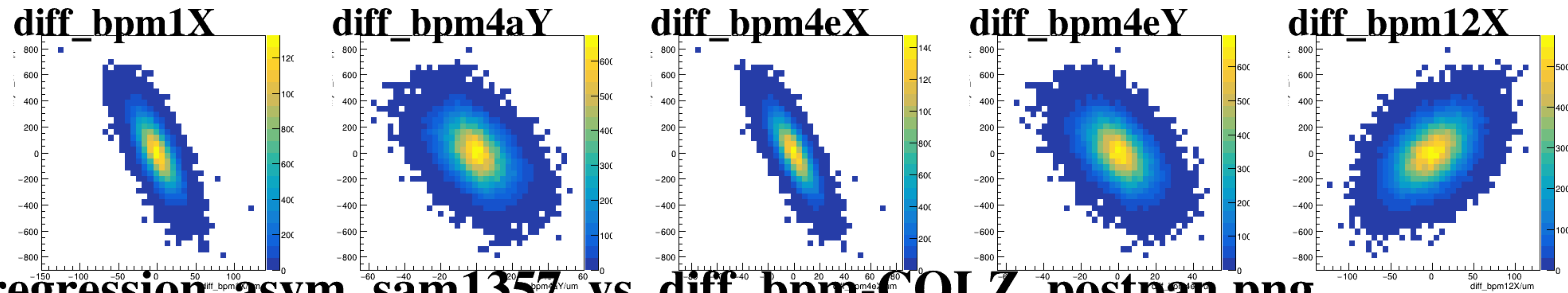
asym_sam3



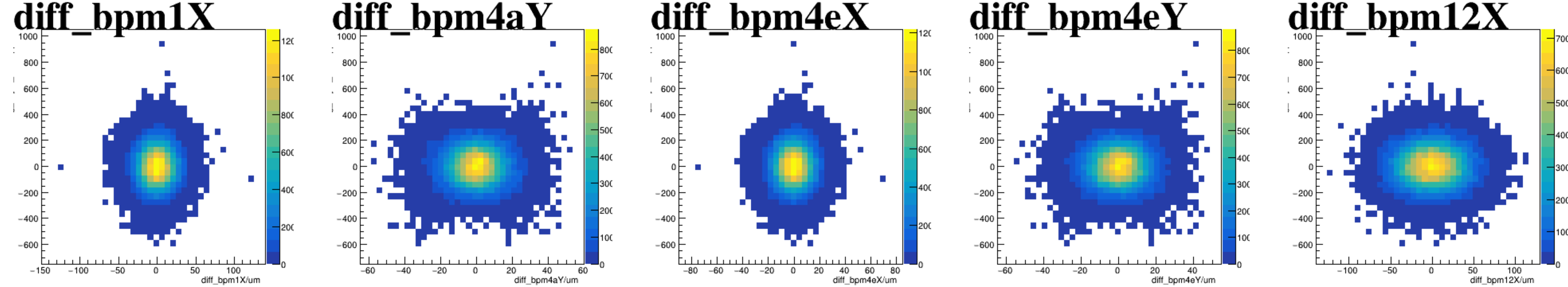
asym_sam5



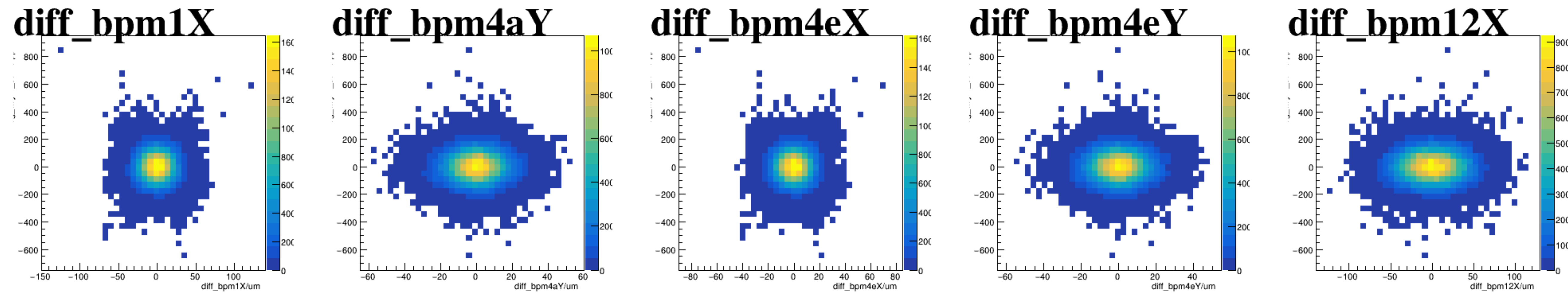
asym_sam7



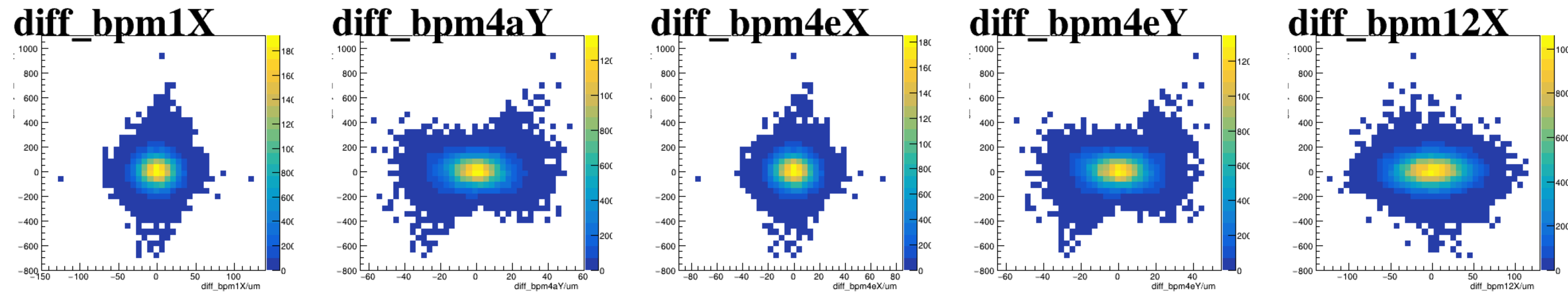
reg_asym_sam1



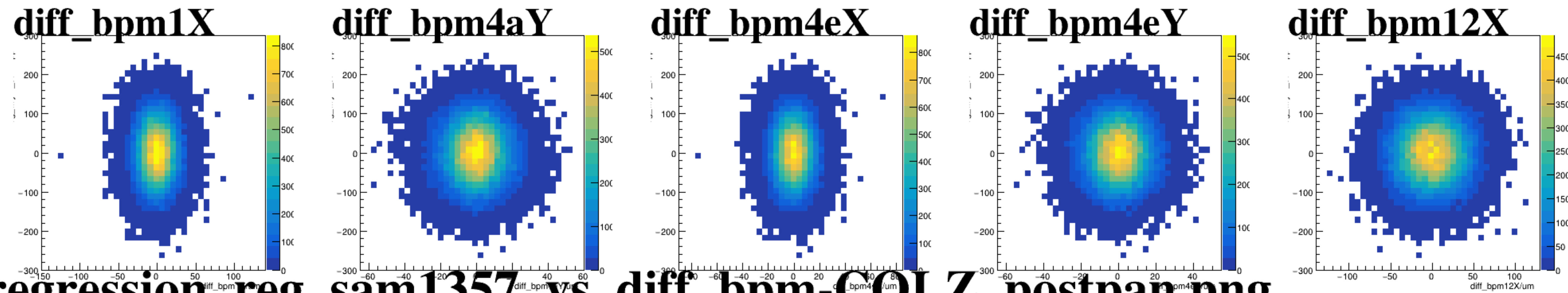
reg_asym_sam3



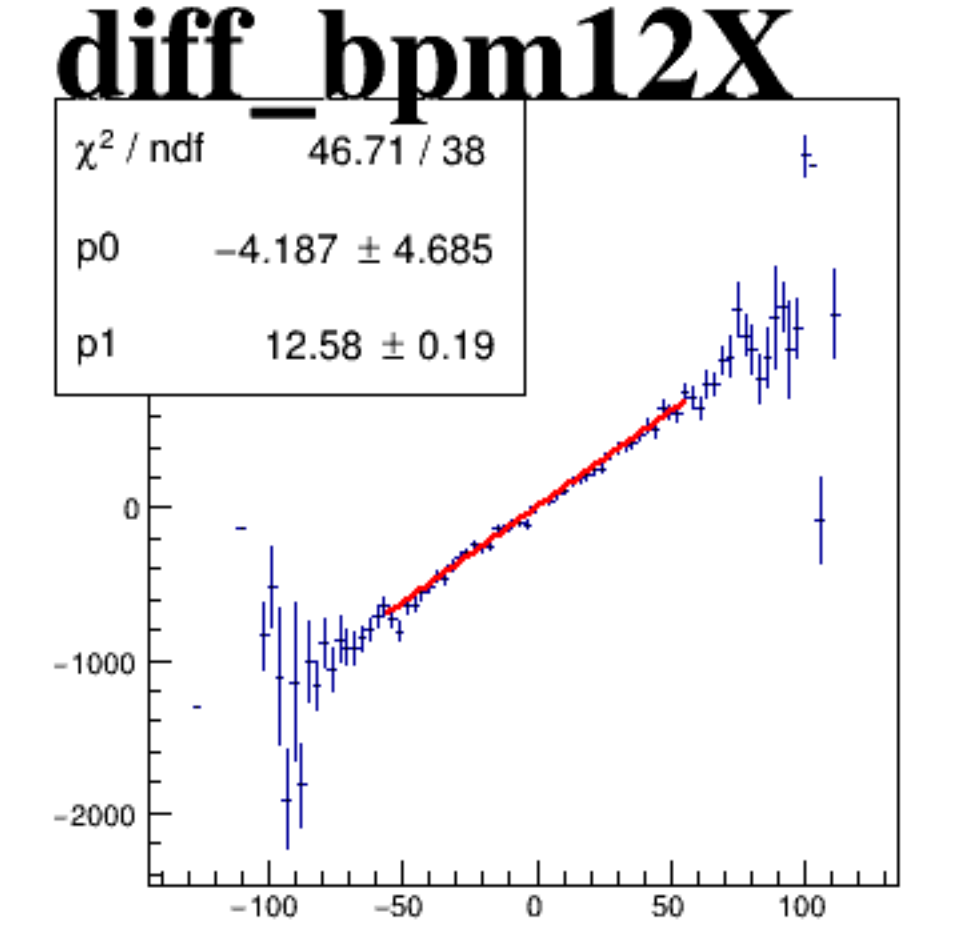
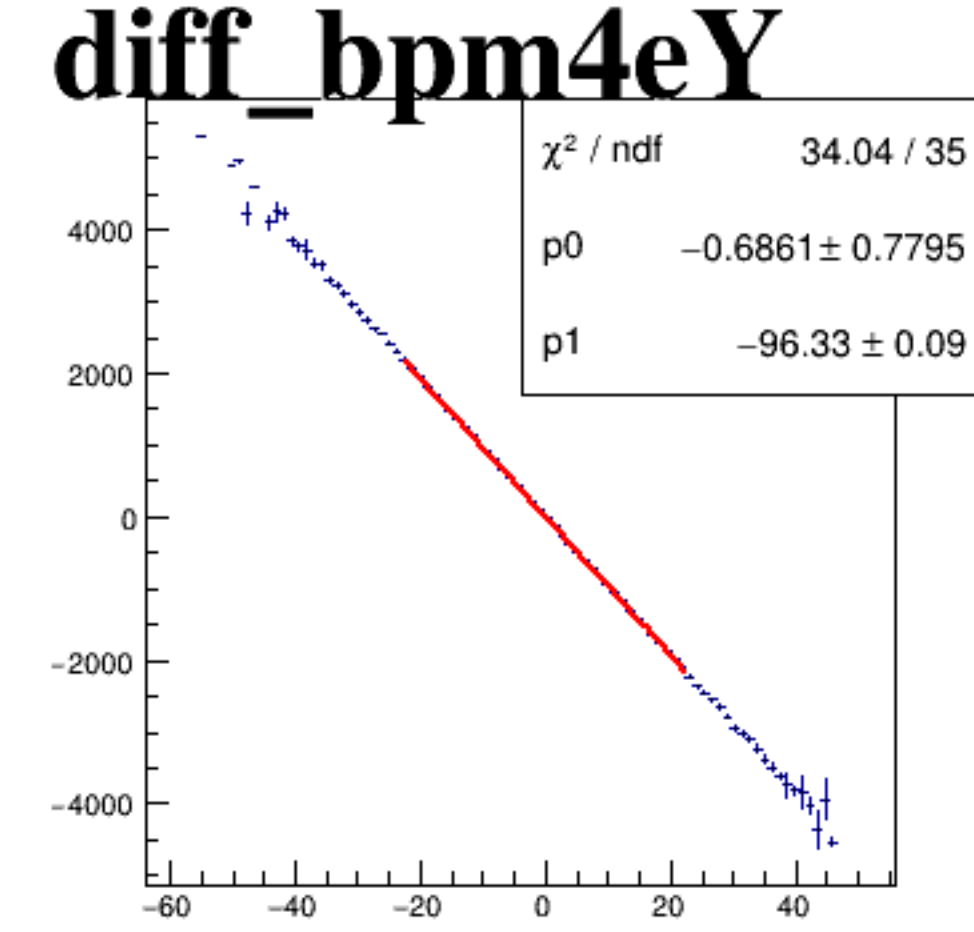
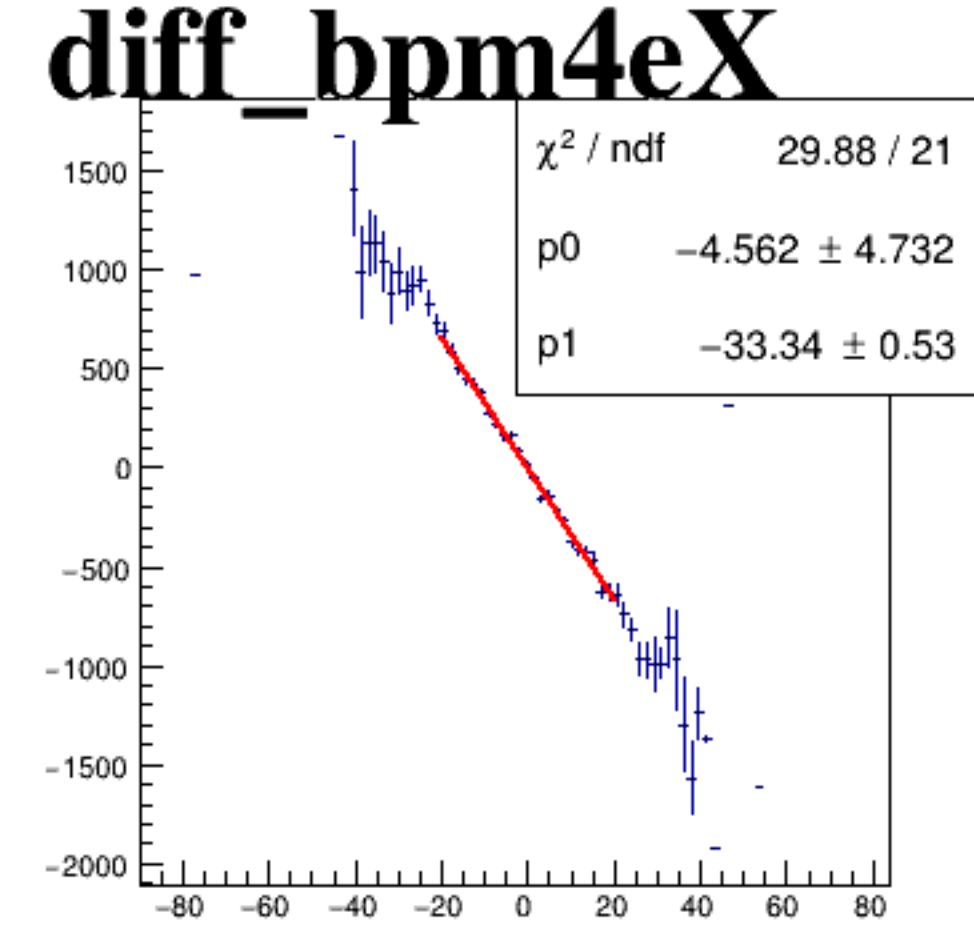
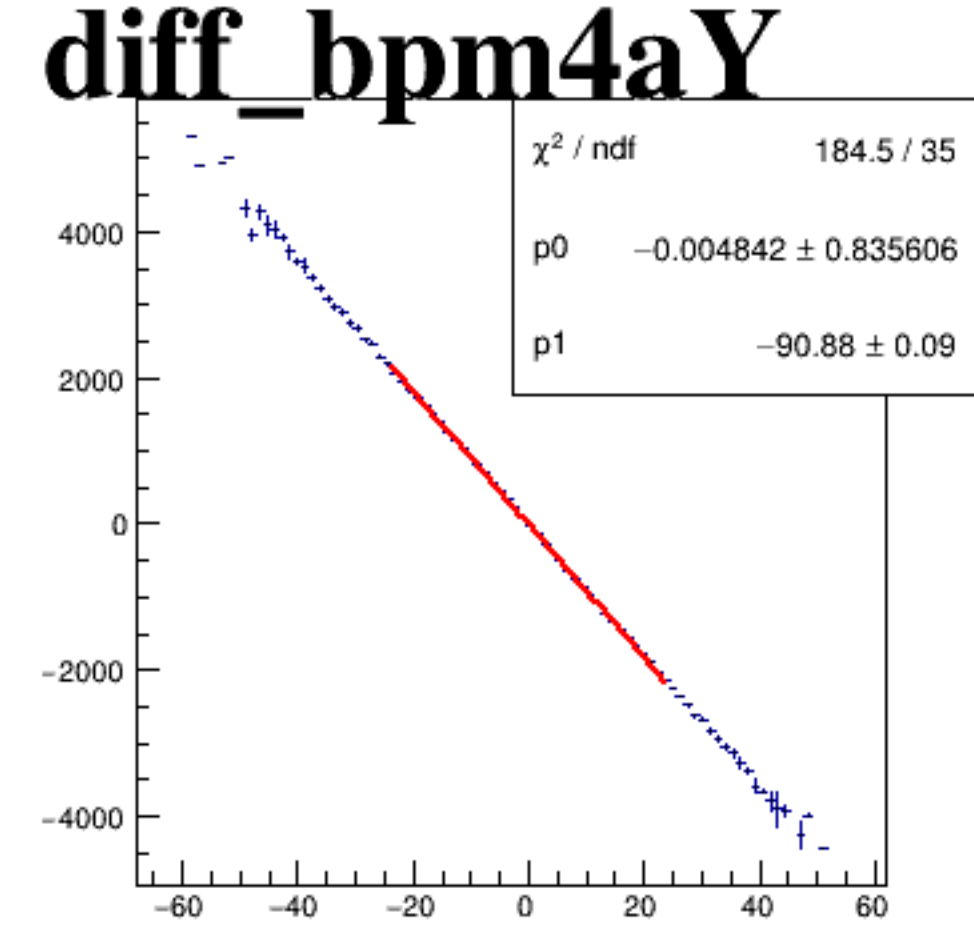
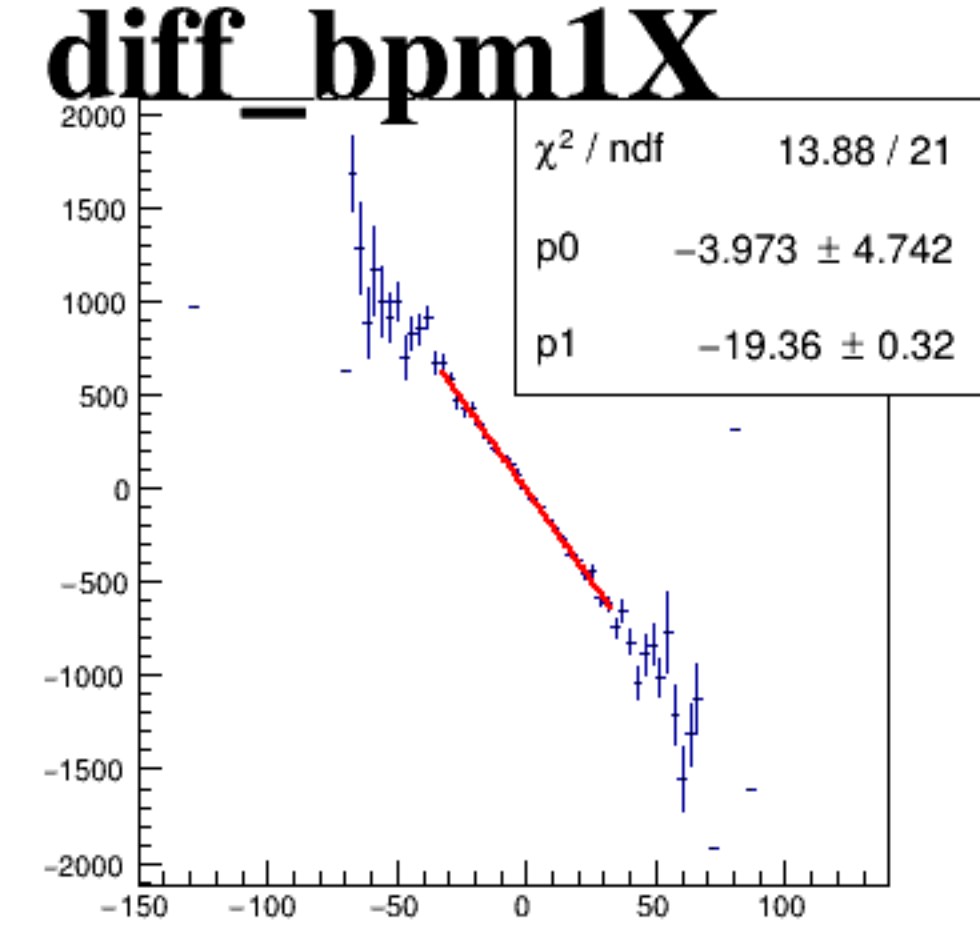
reg_asym_sam5



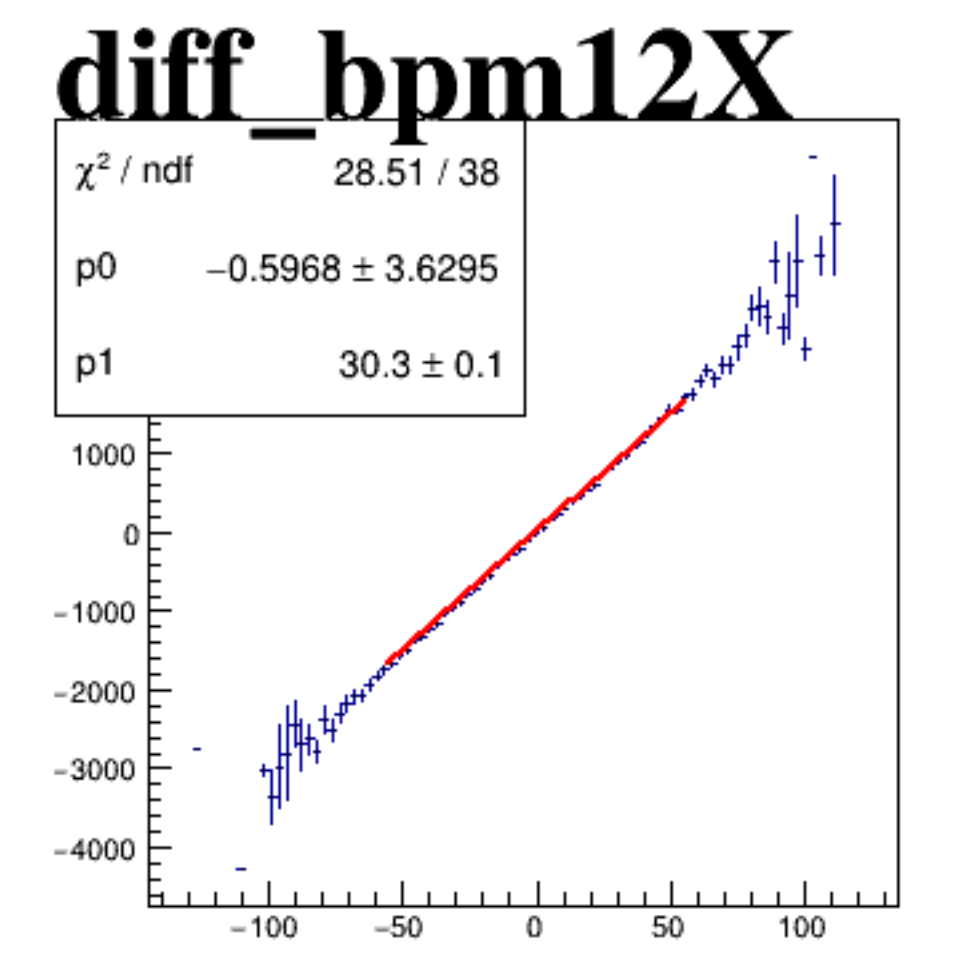
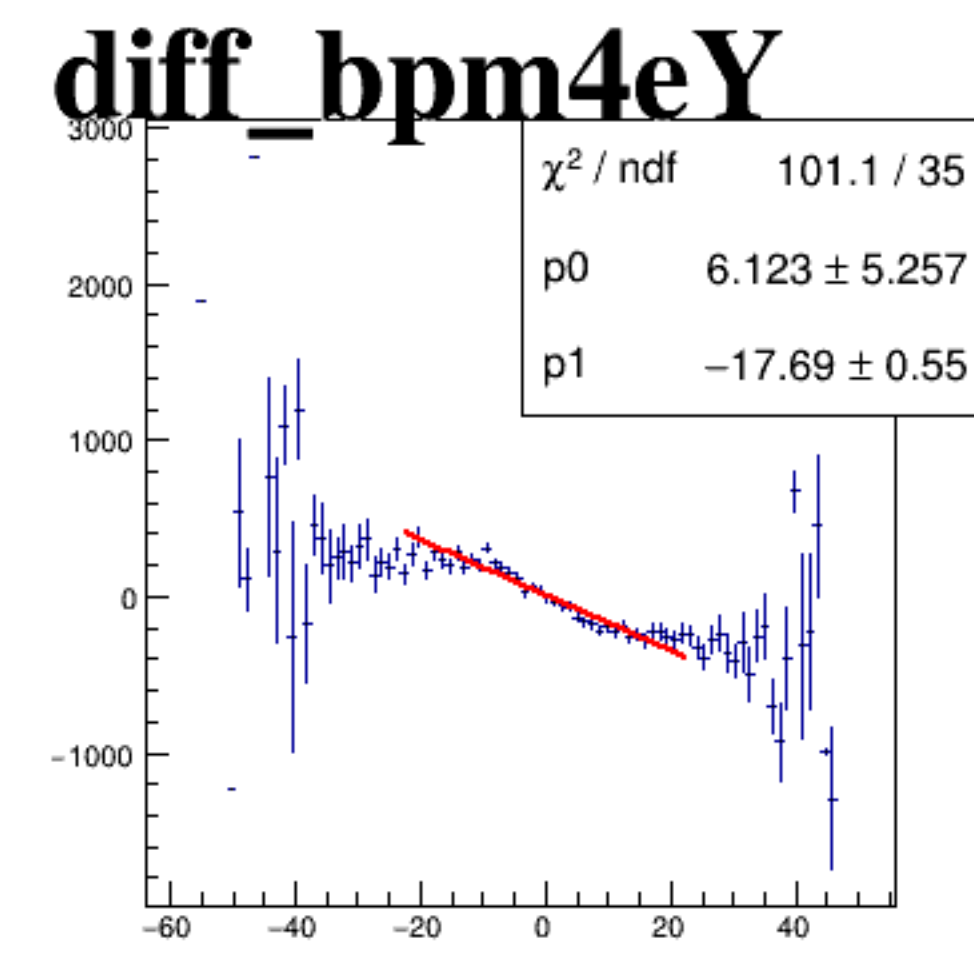
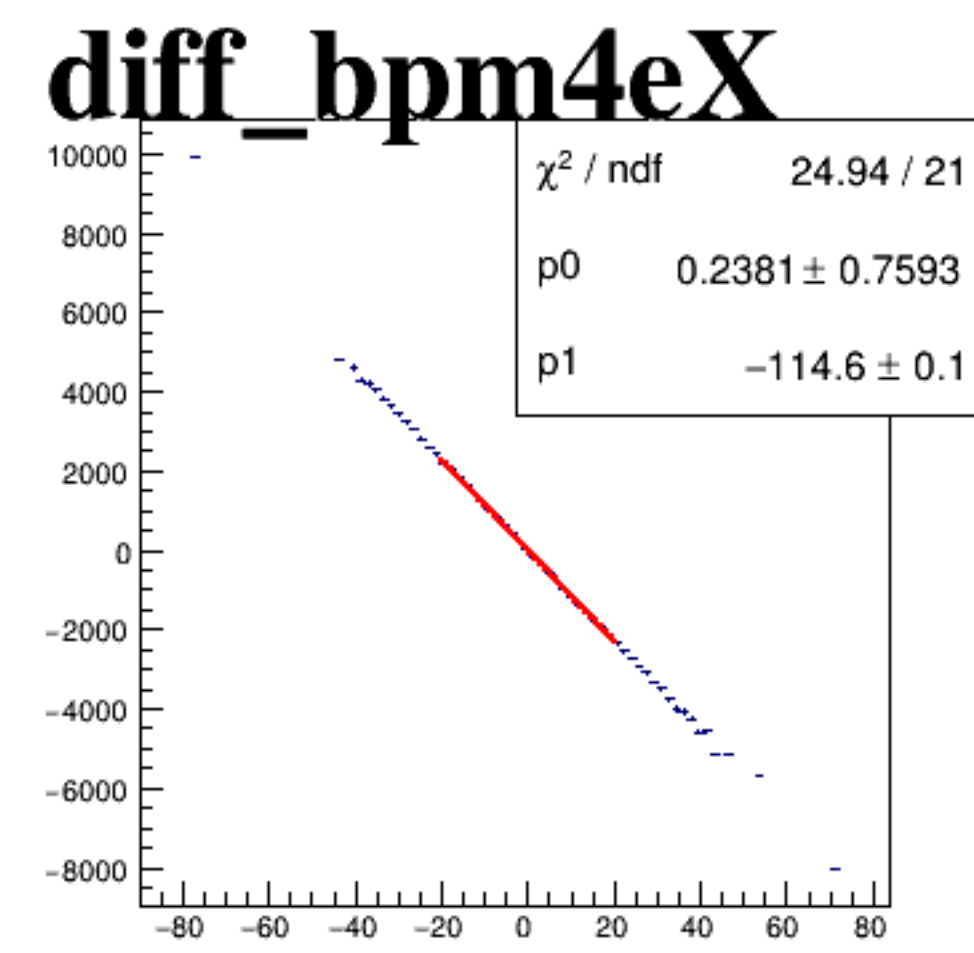
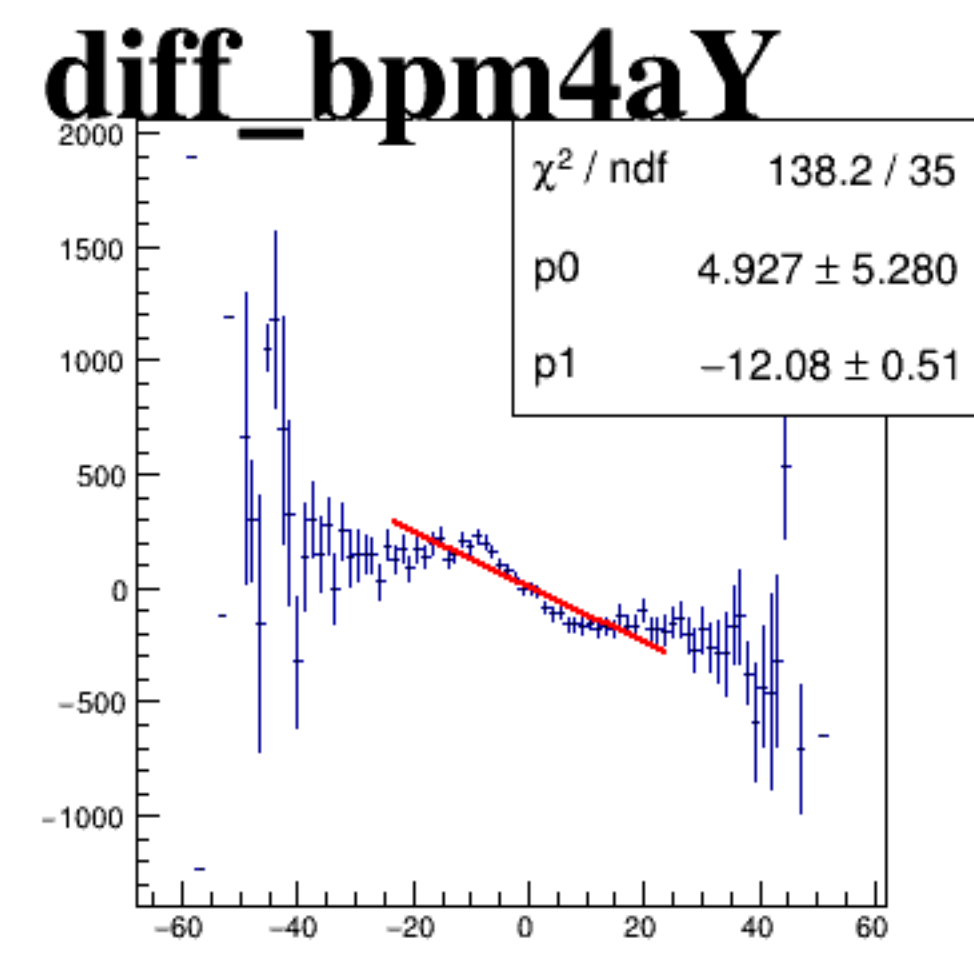
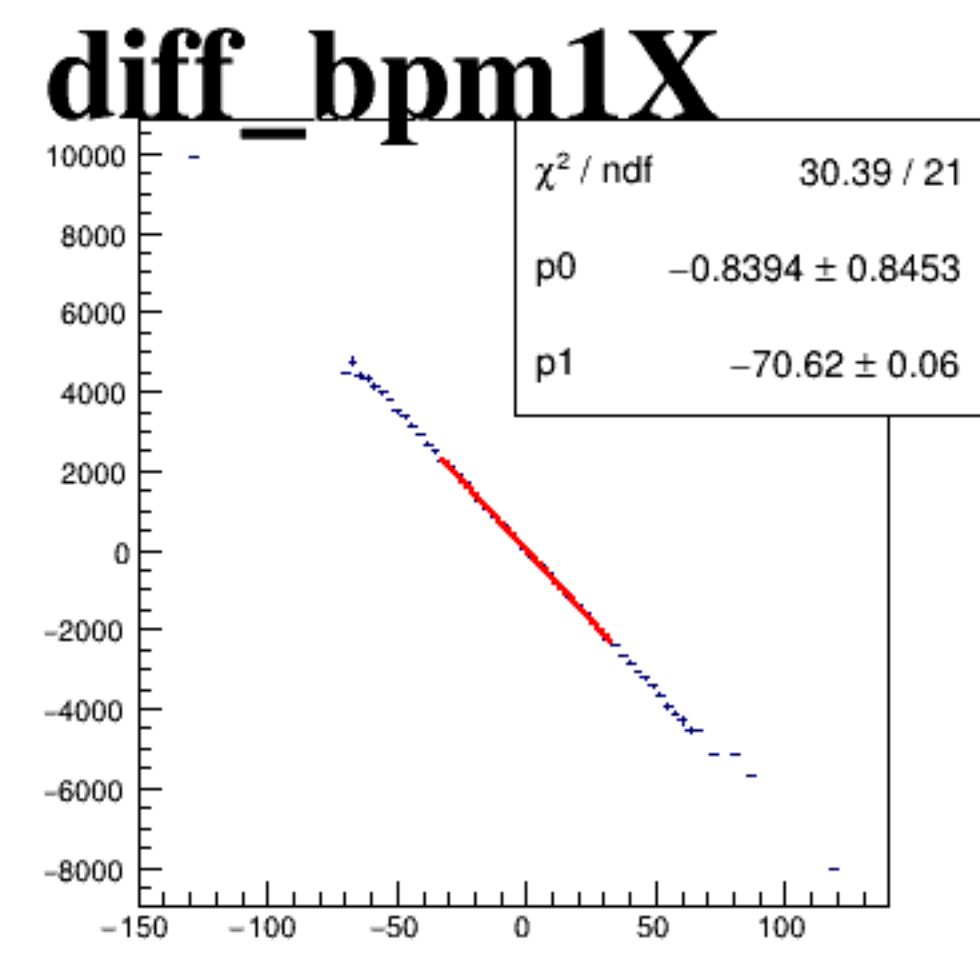
reg_asym_sam7



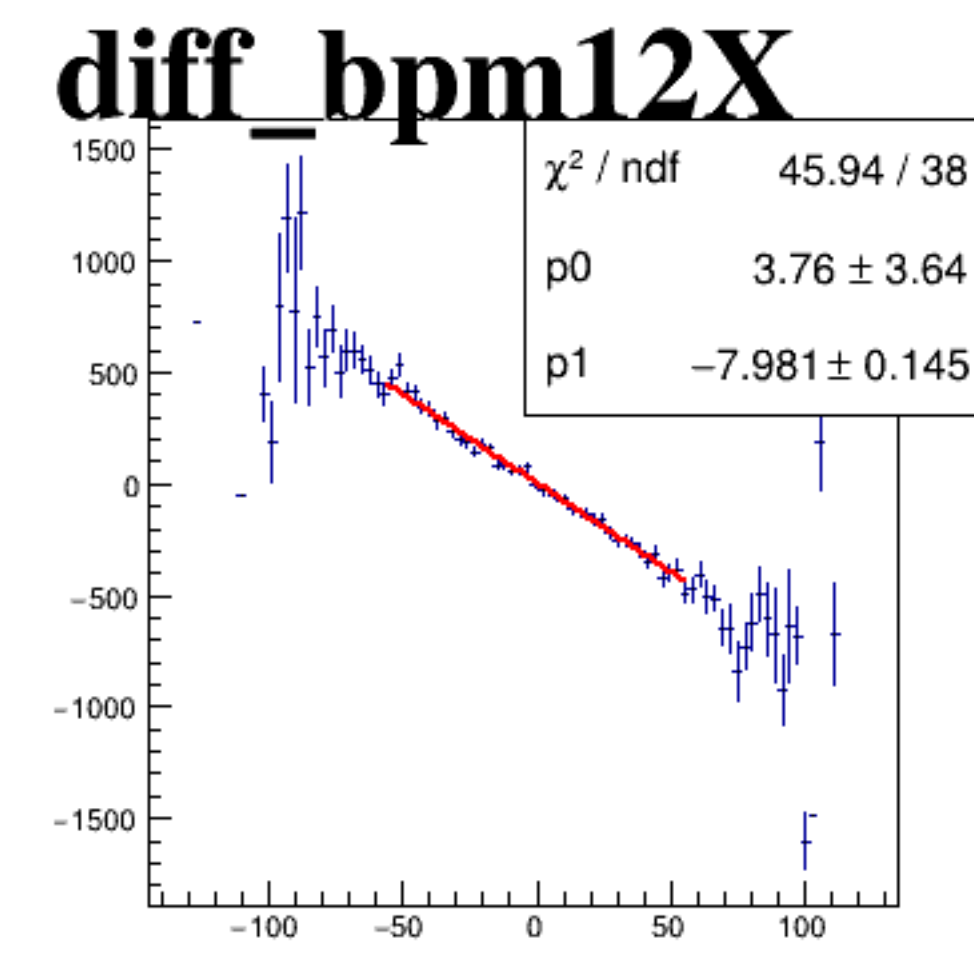
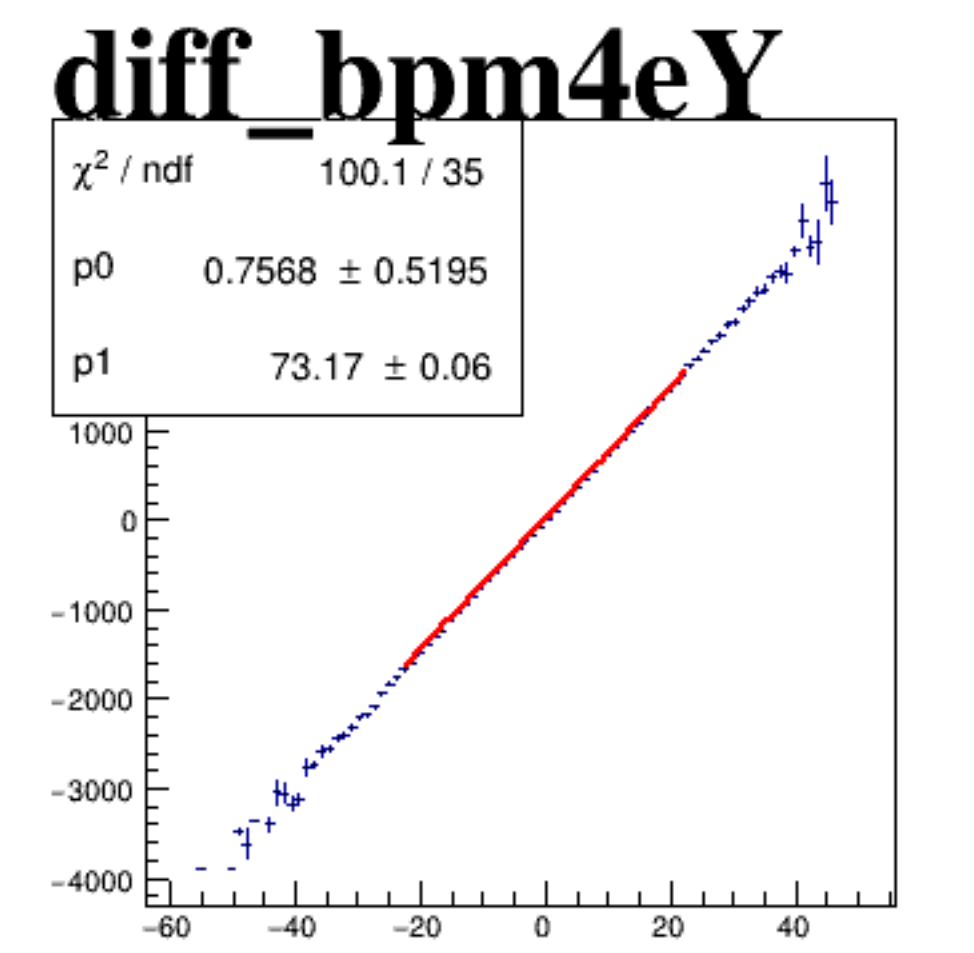
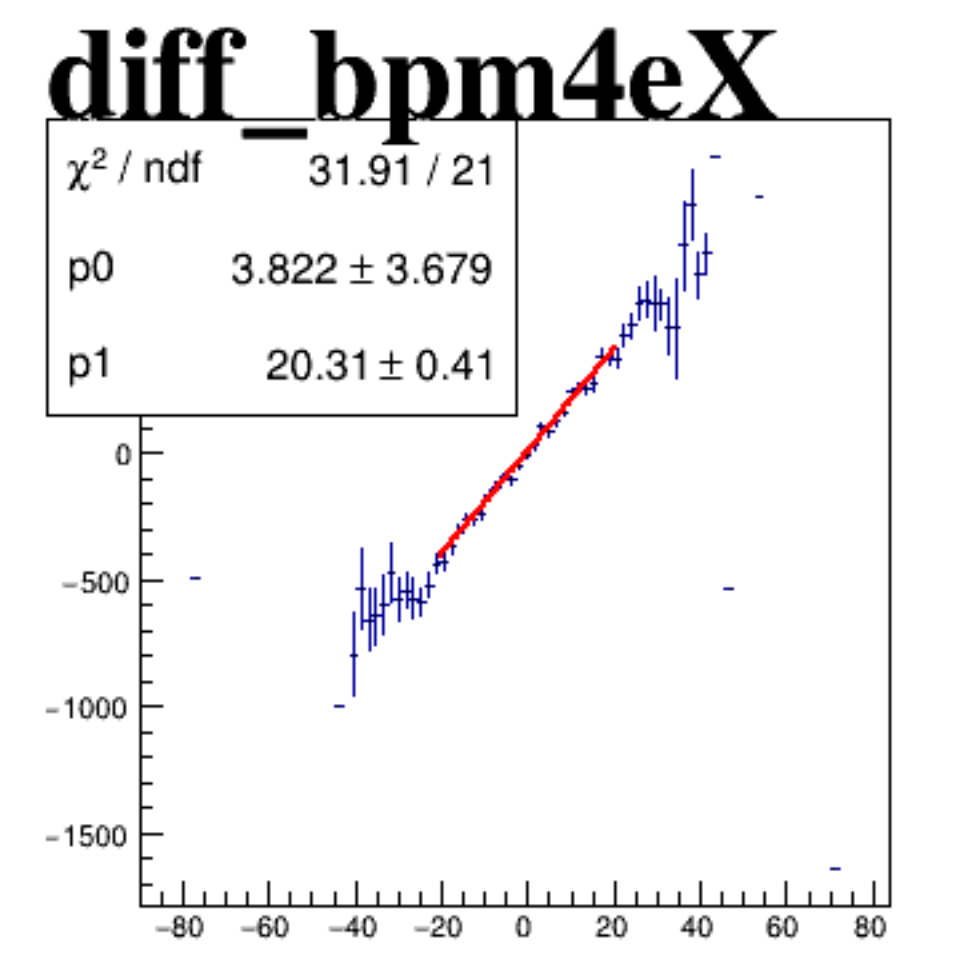
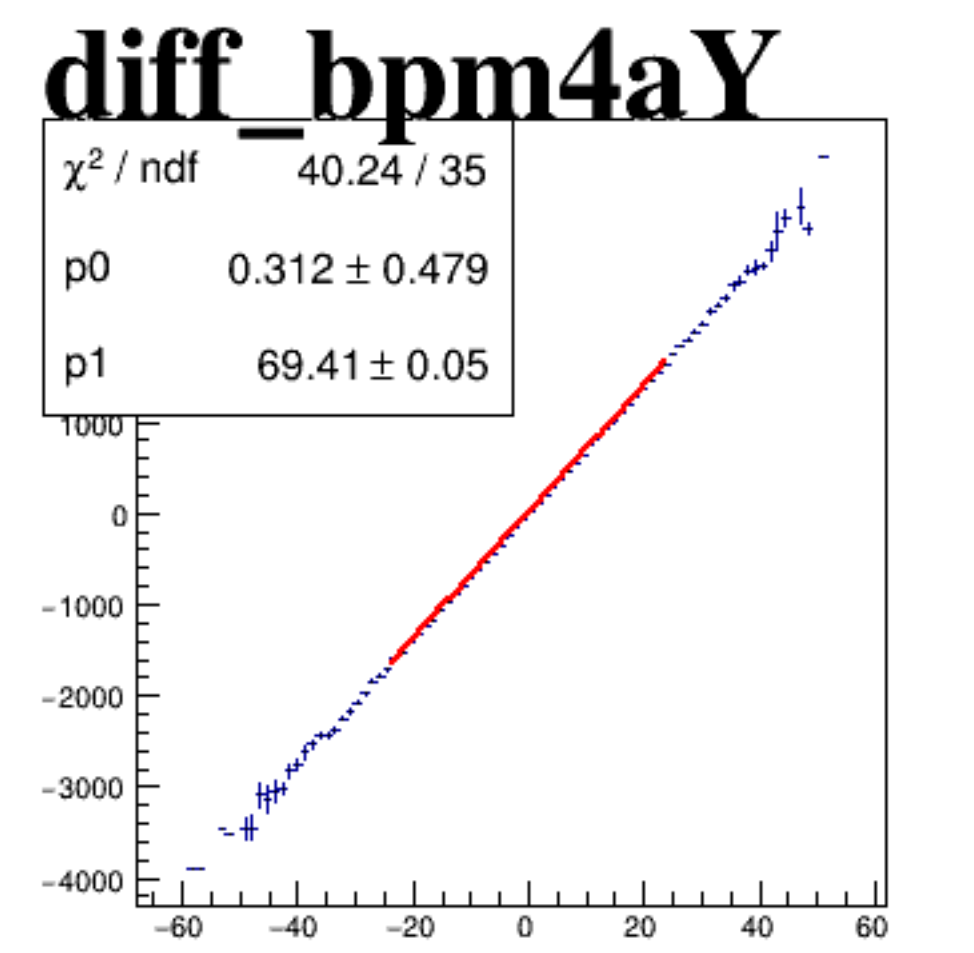
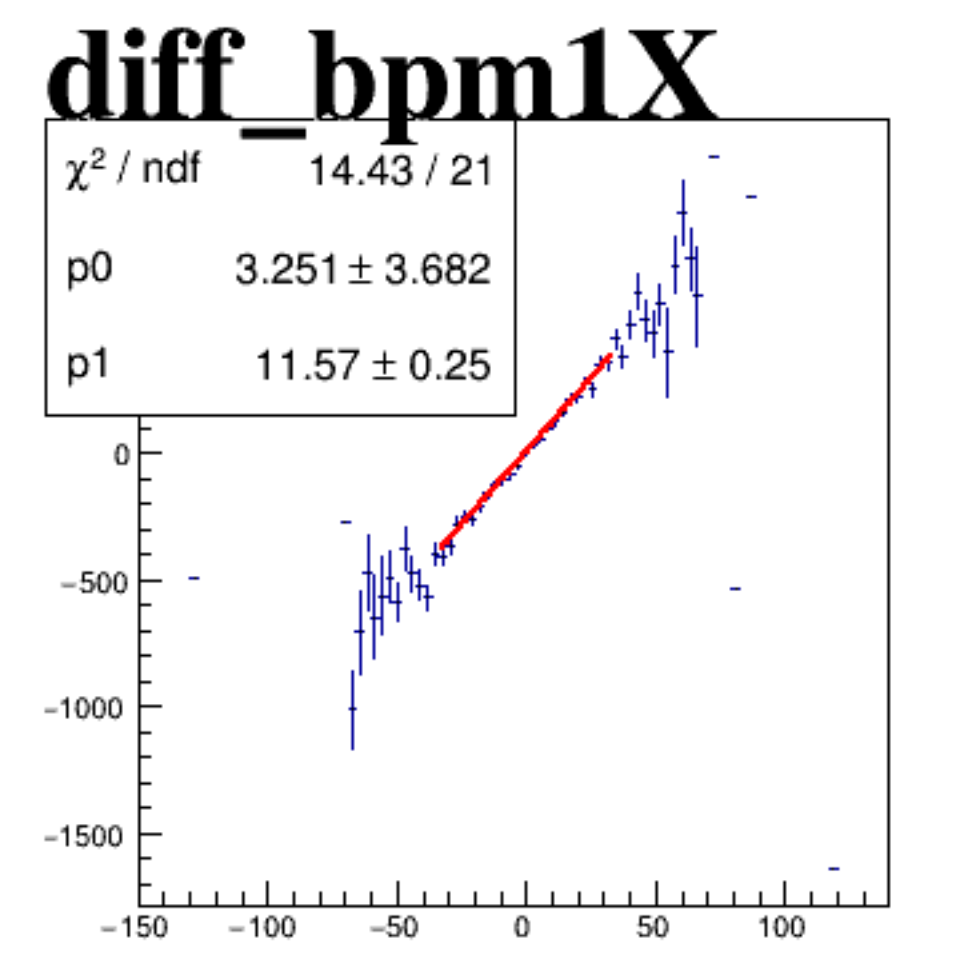
asym_sam1



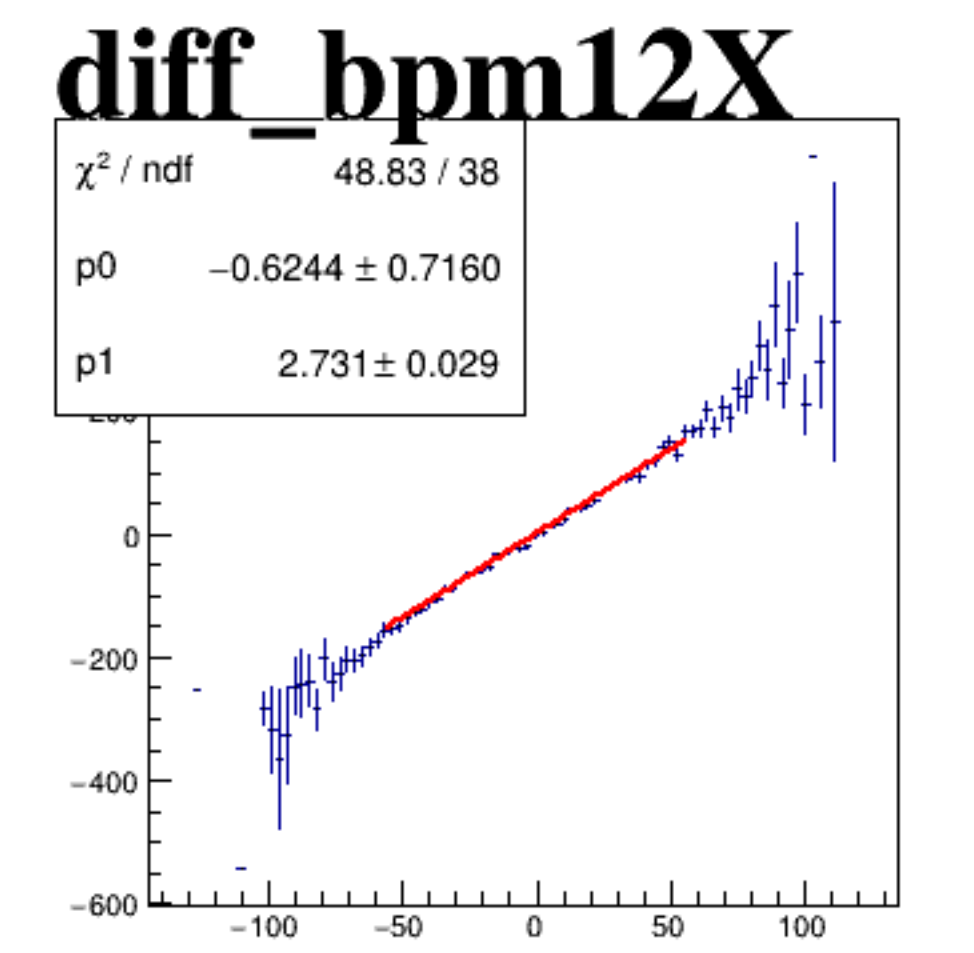
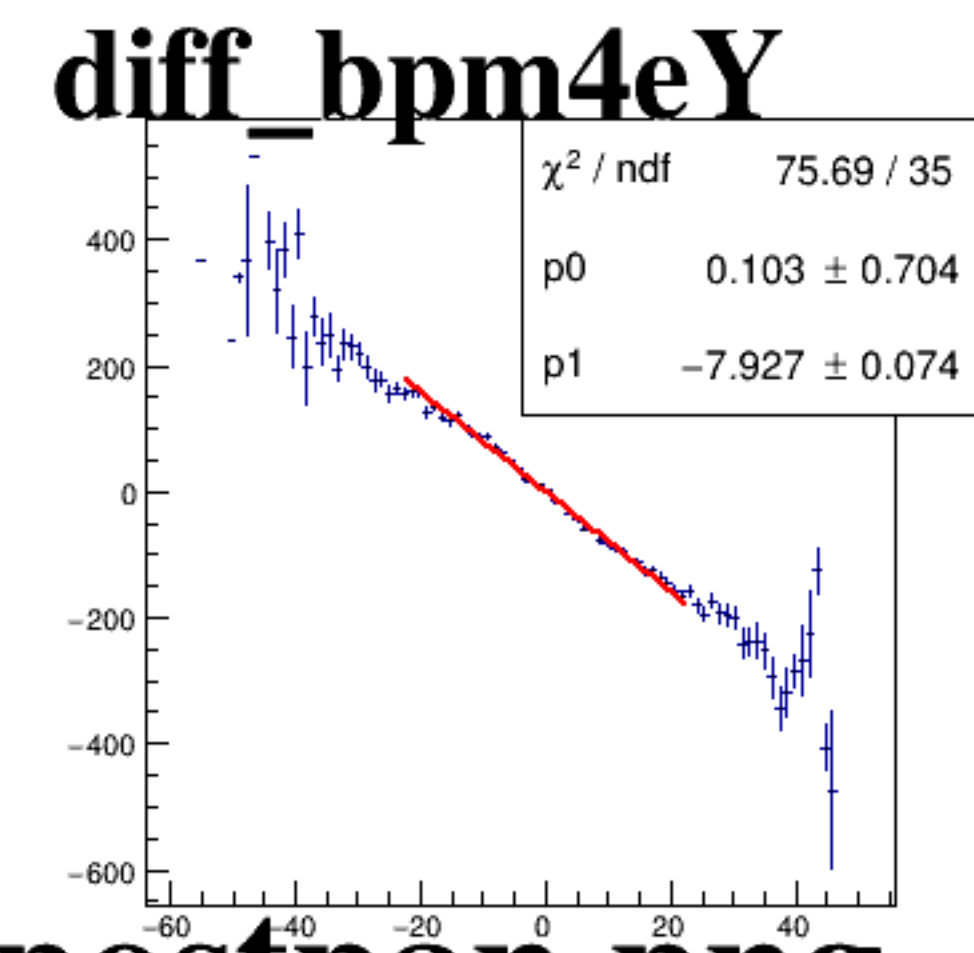
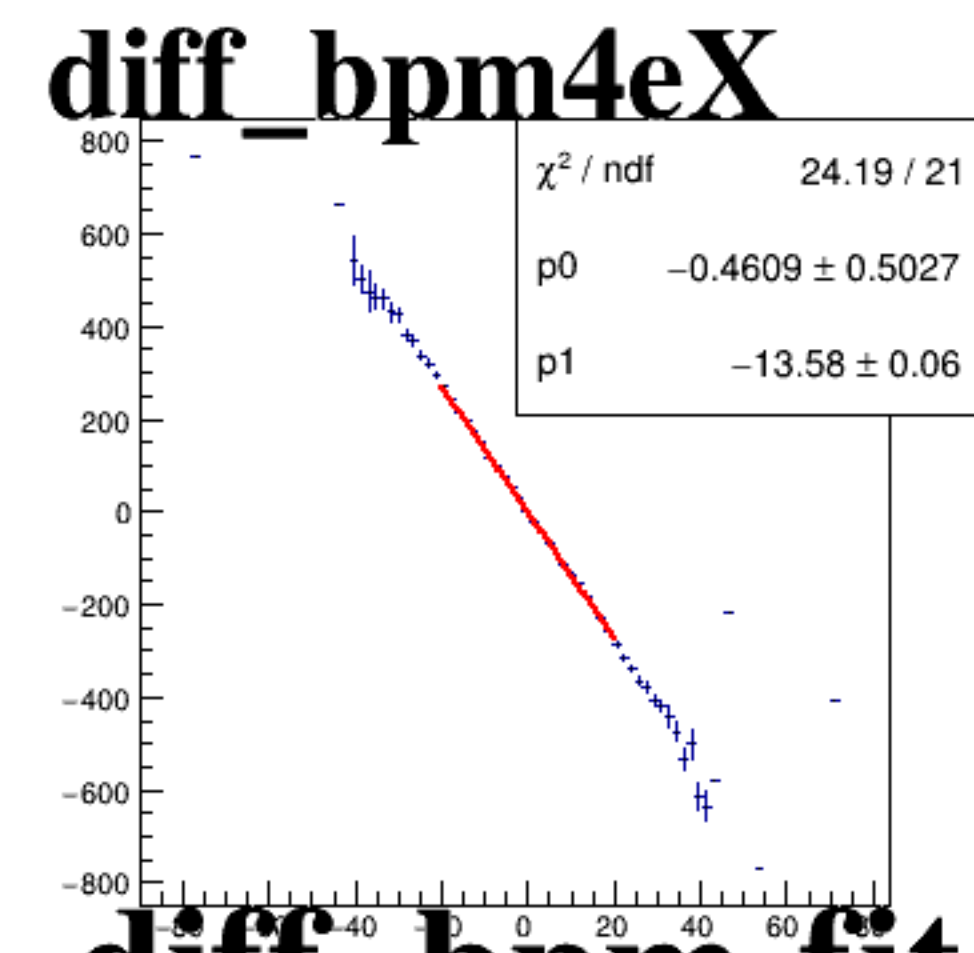
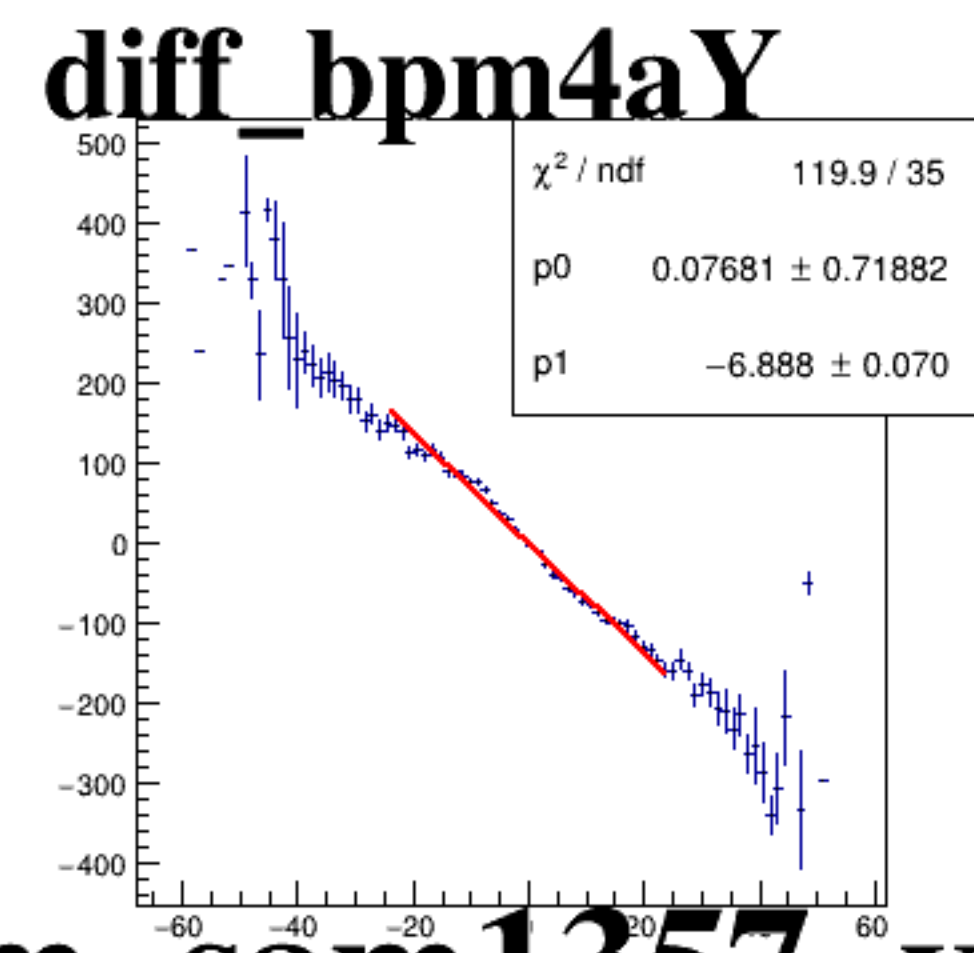
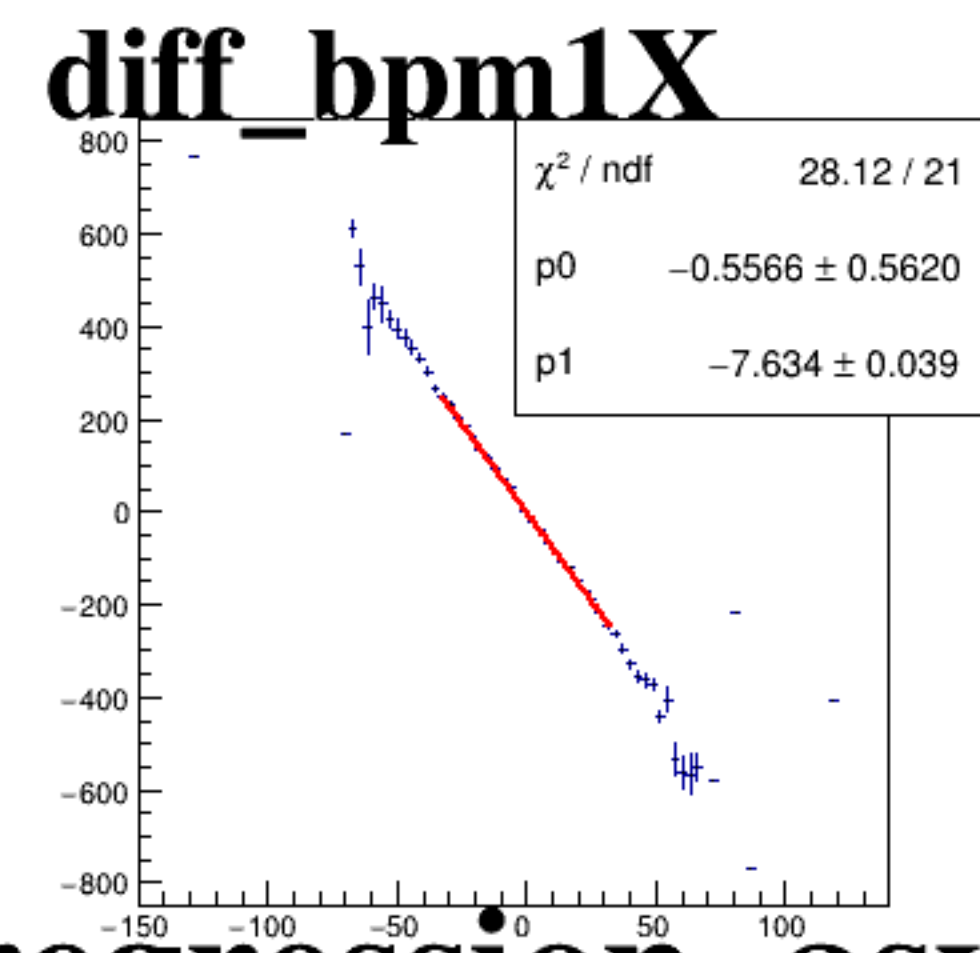
asym_sam3



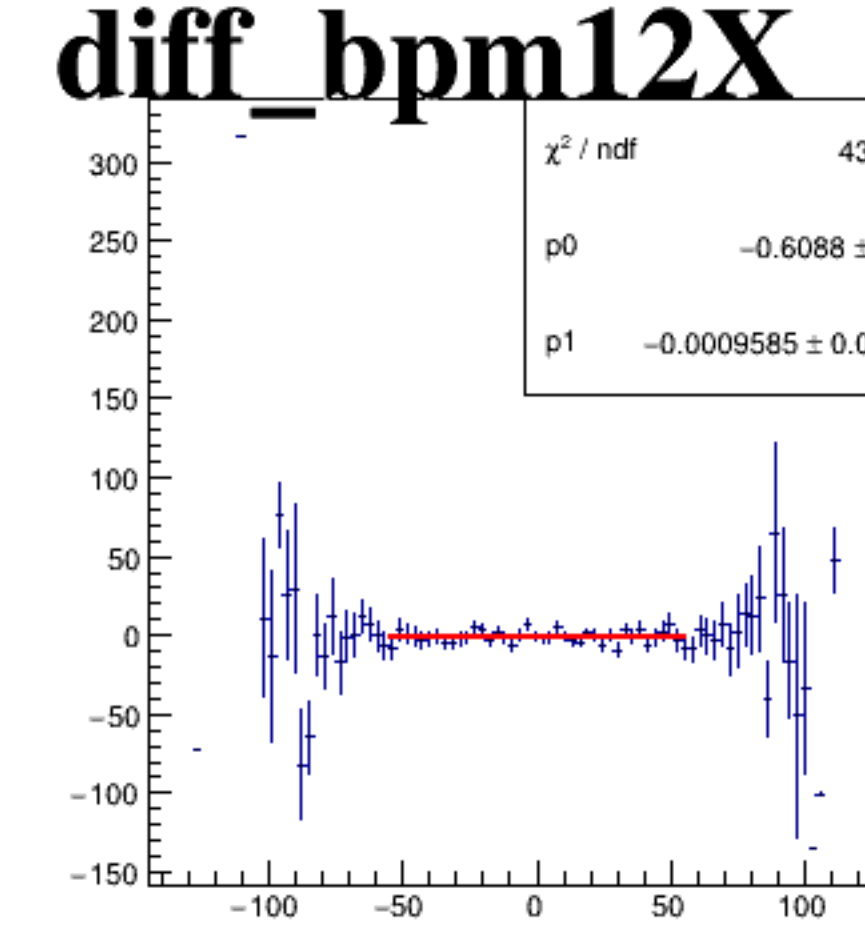
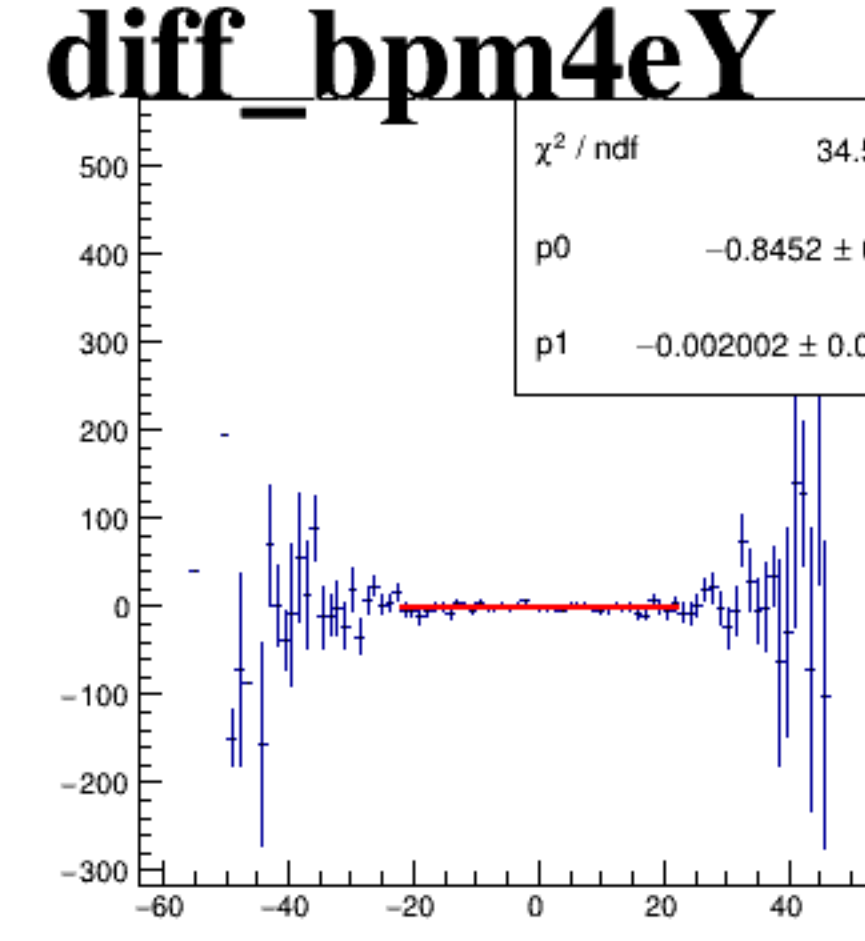
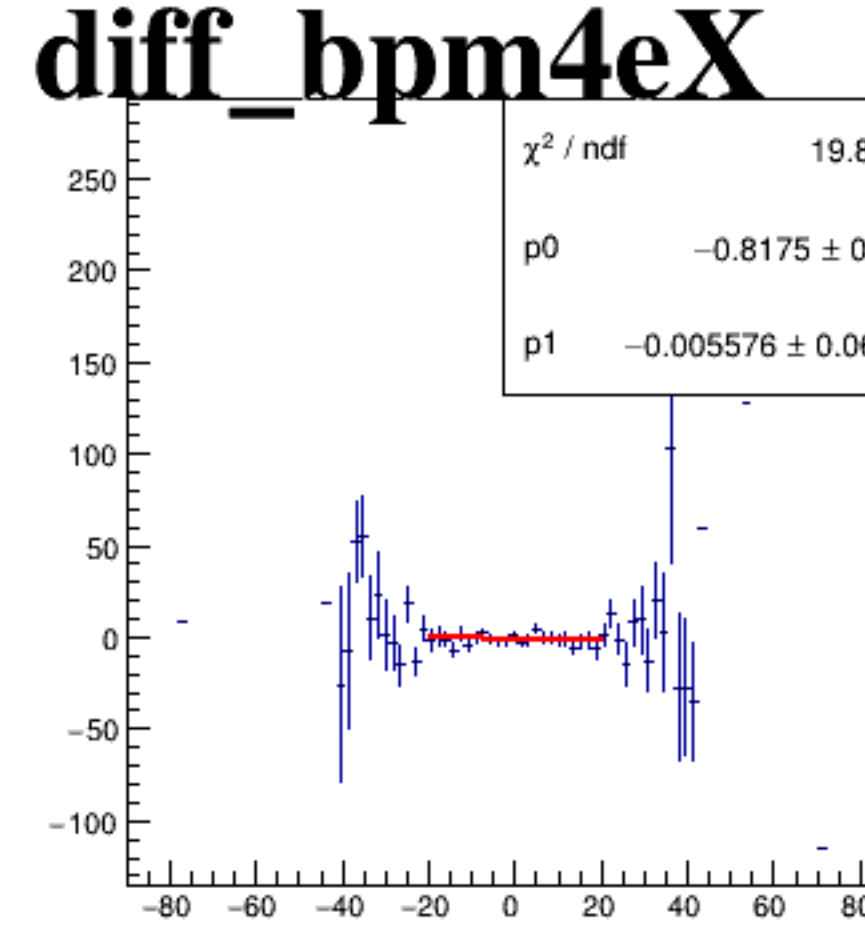
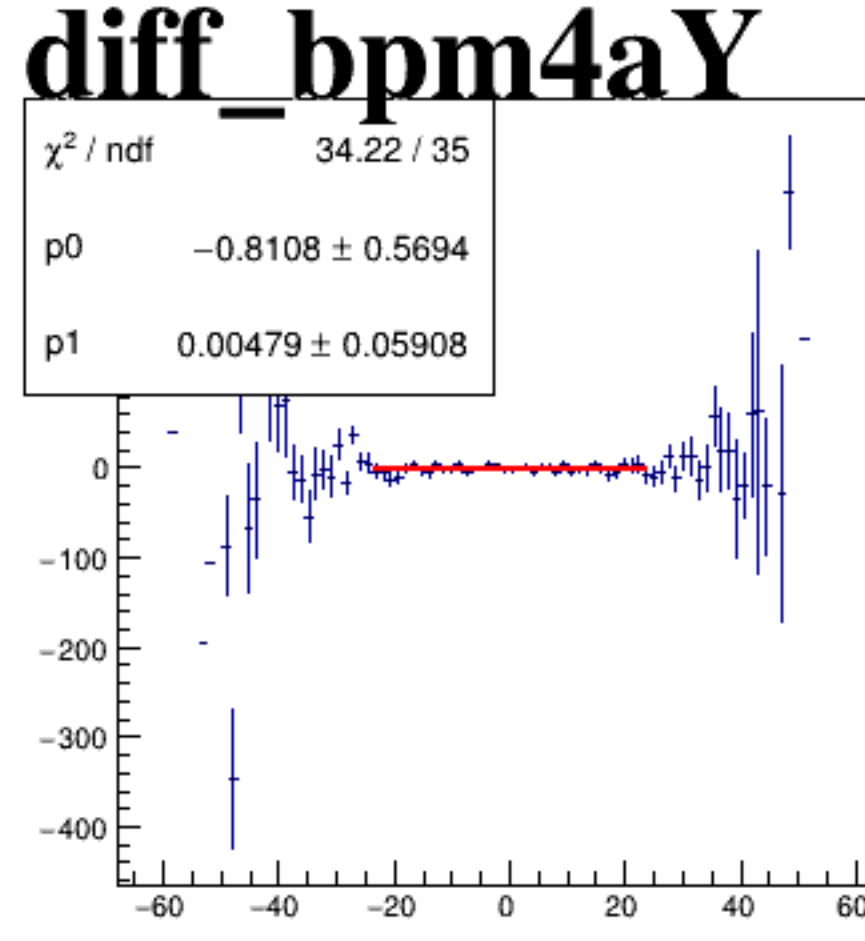
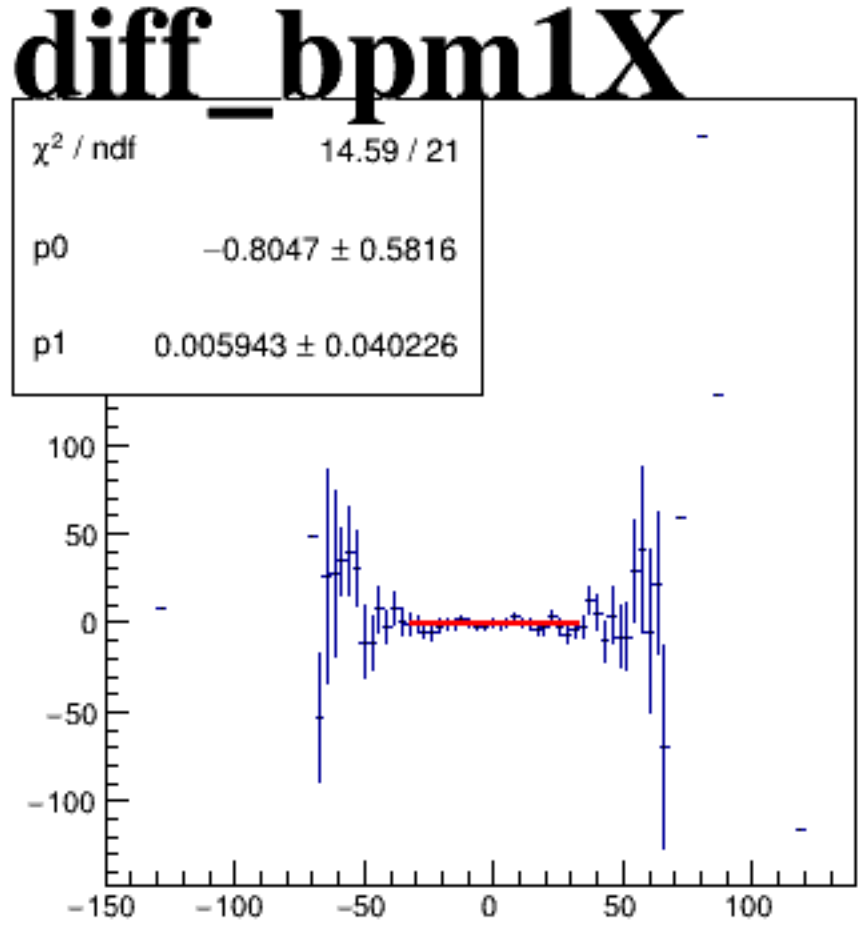
asym_sam5



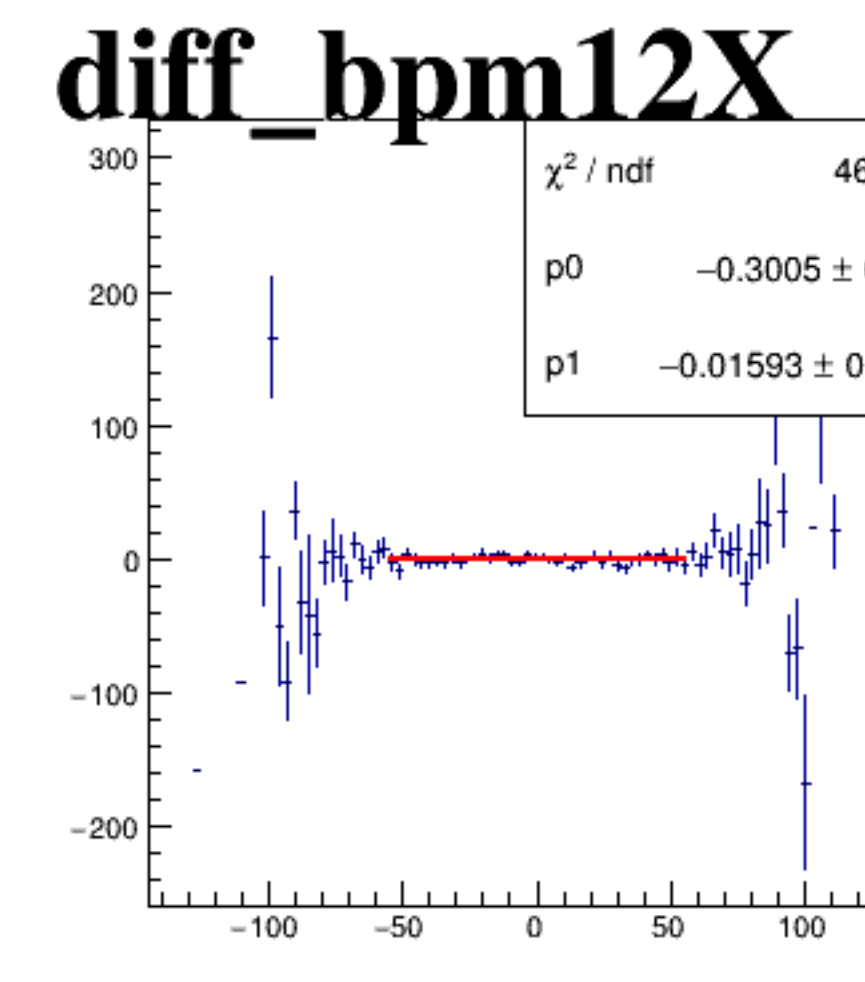
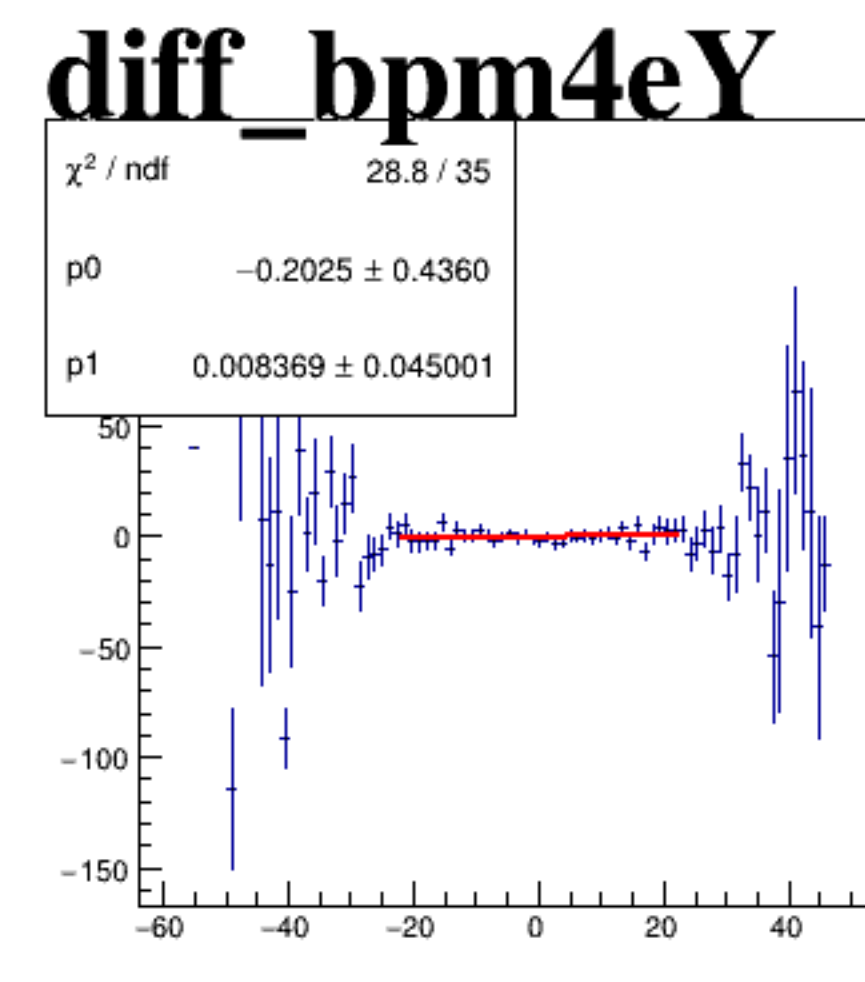
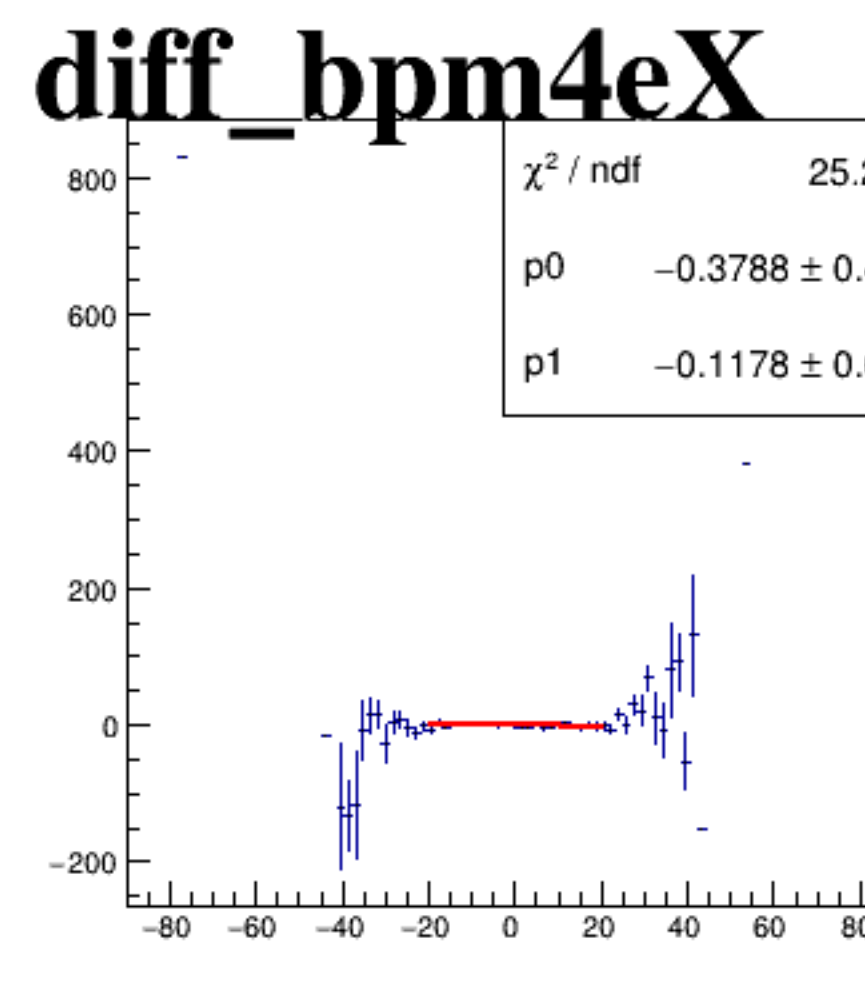
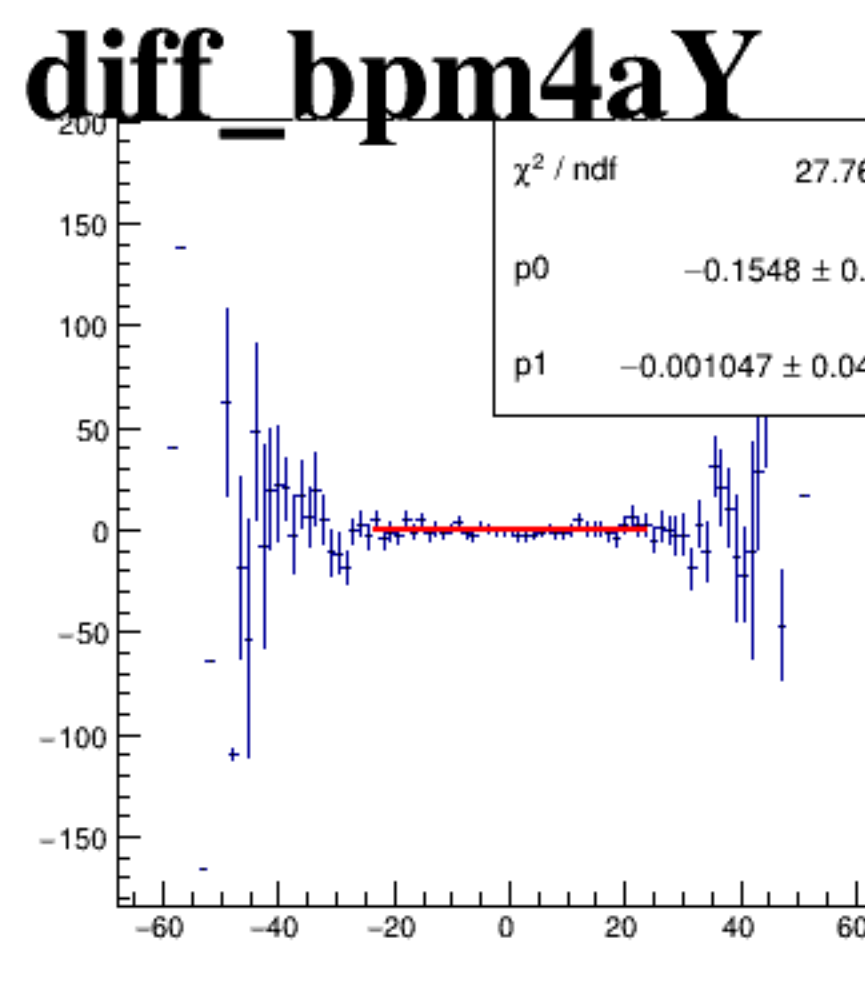
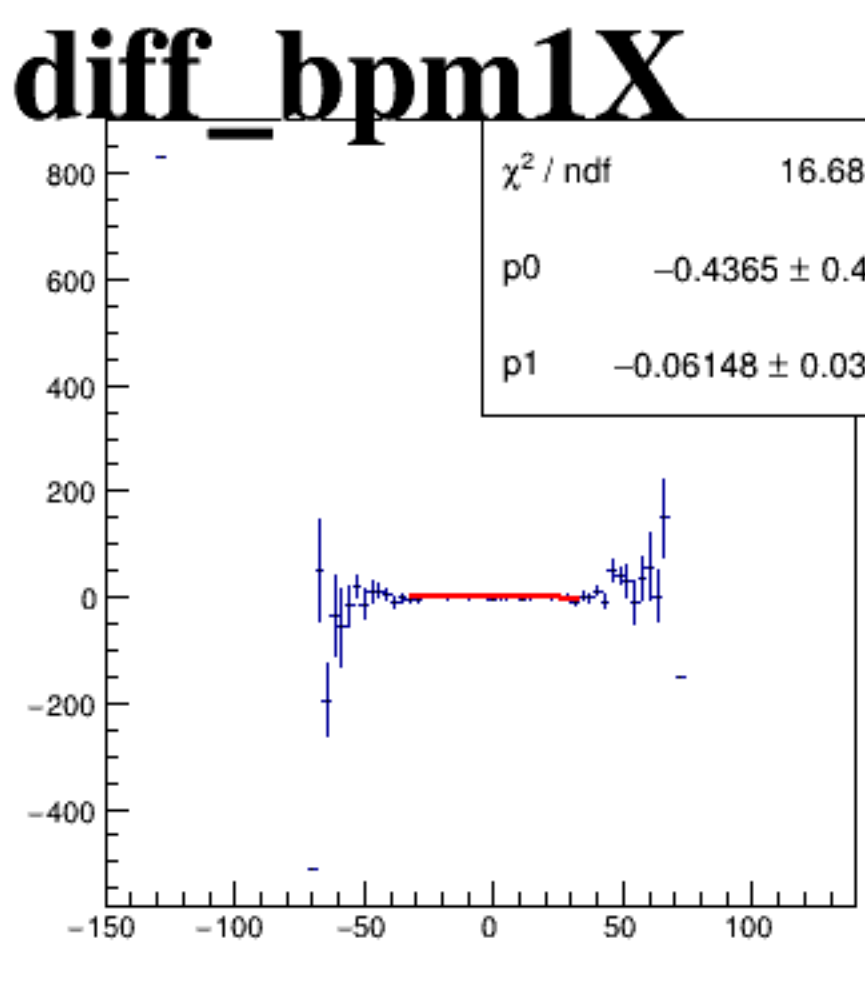
asym_sam7



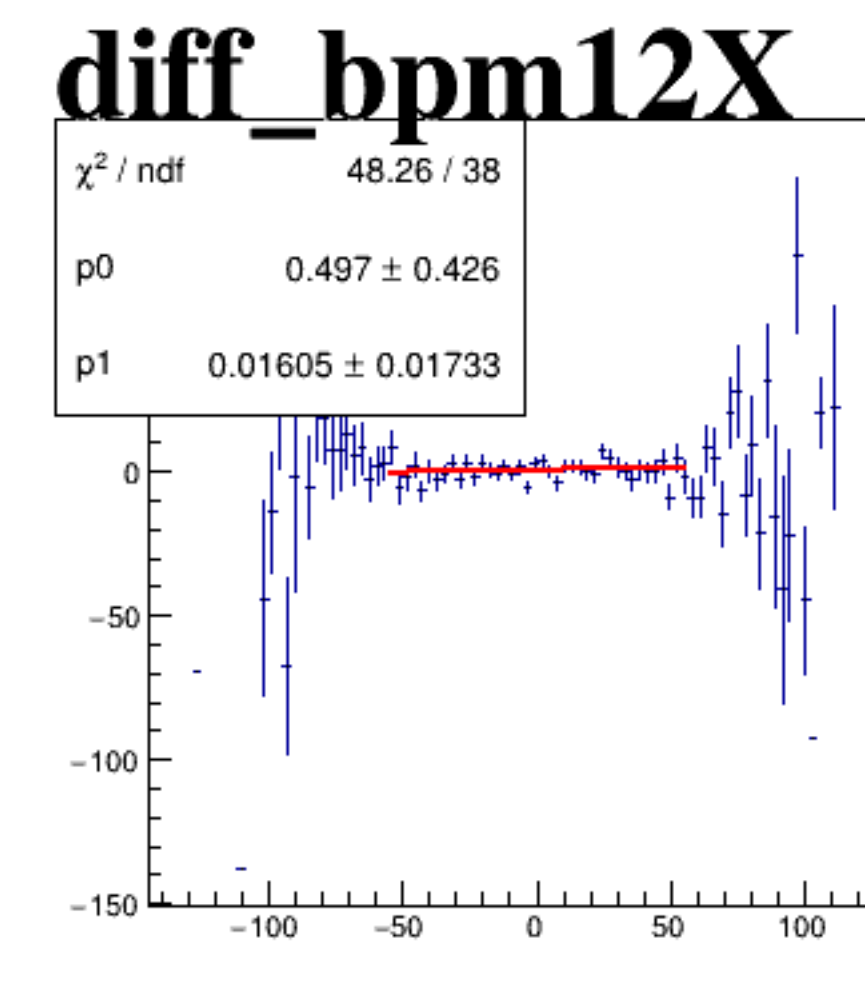
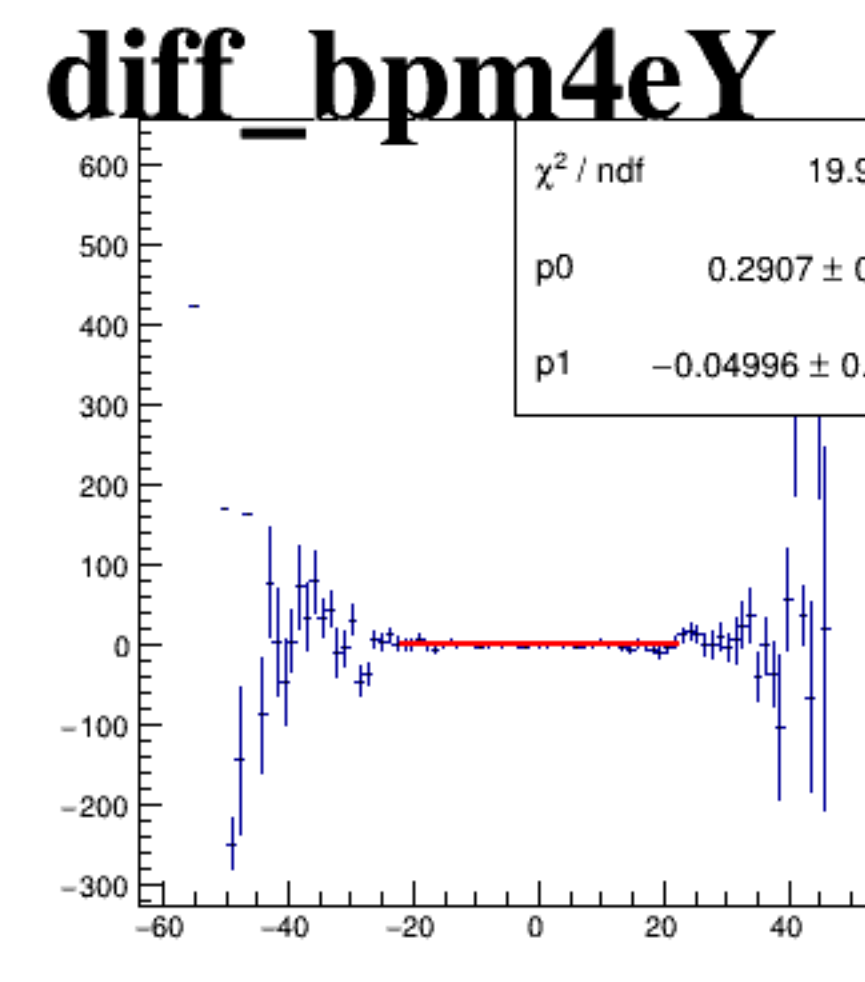
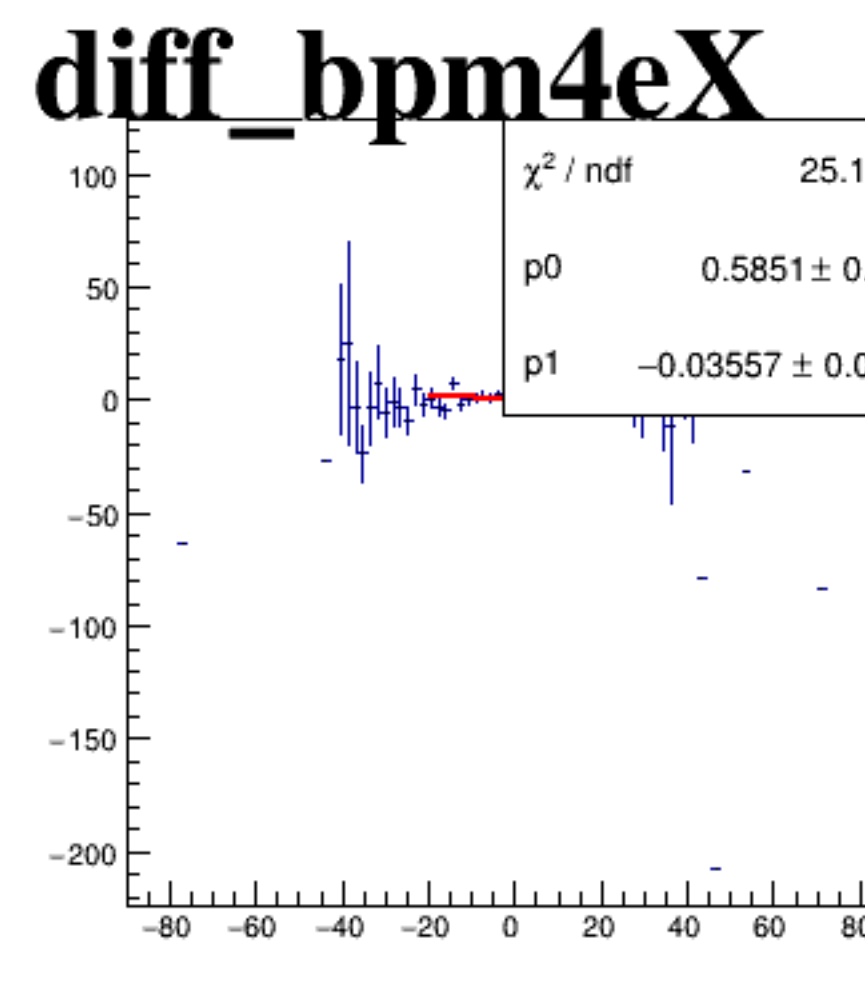
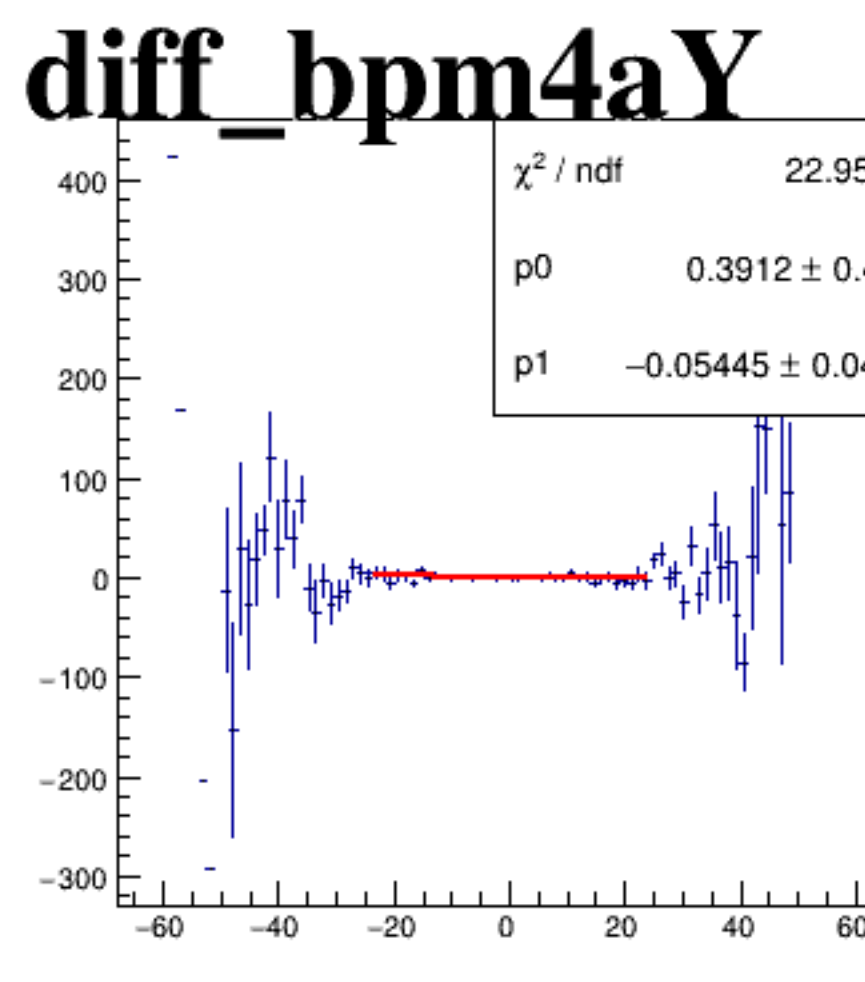
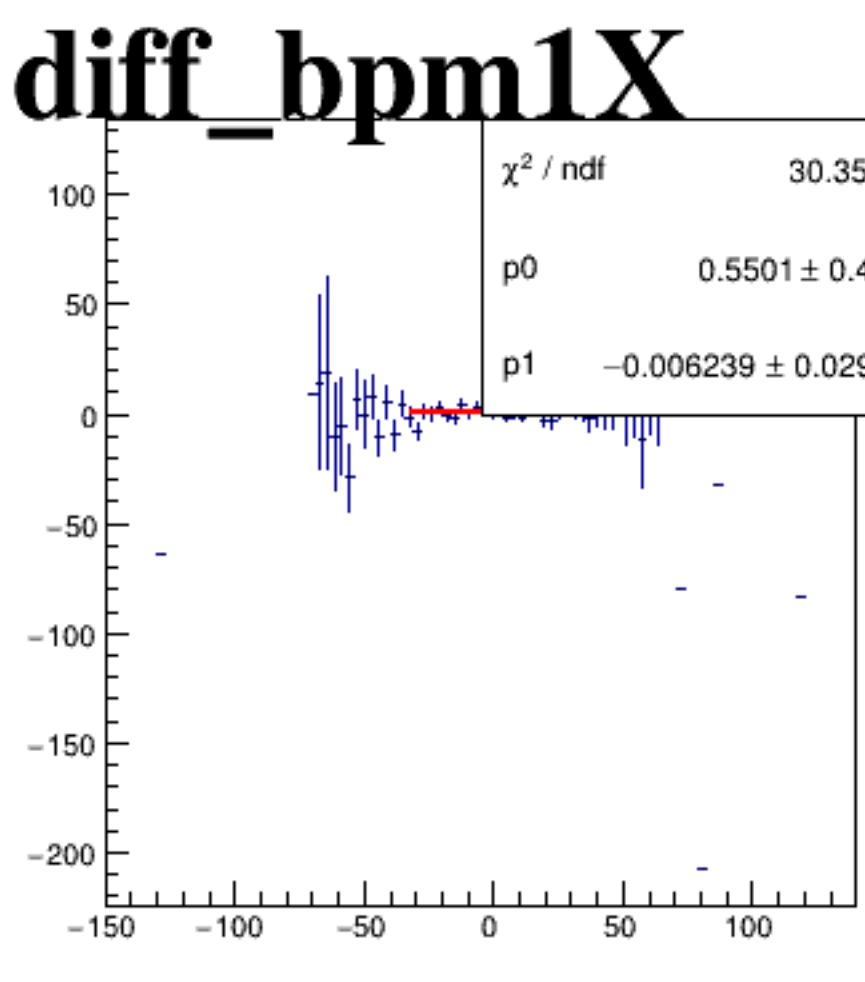
reg_asym_sam1



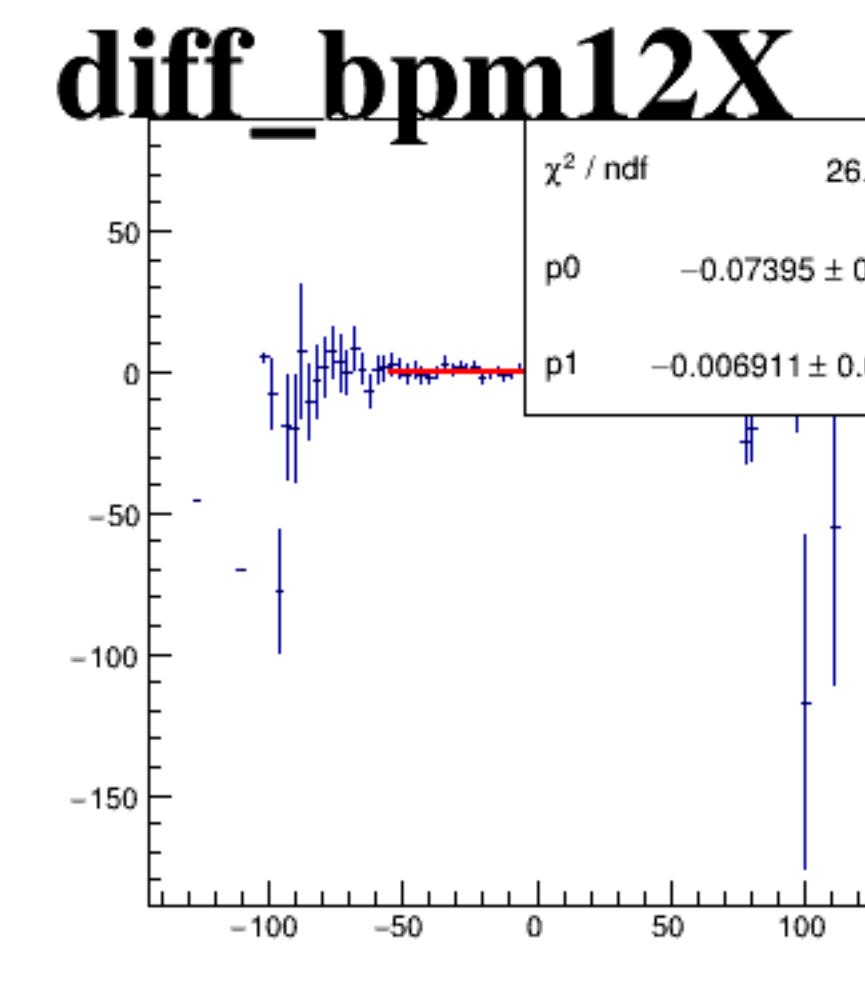
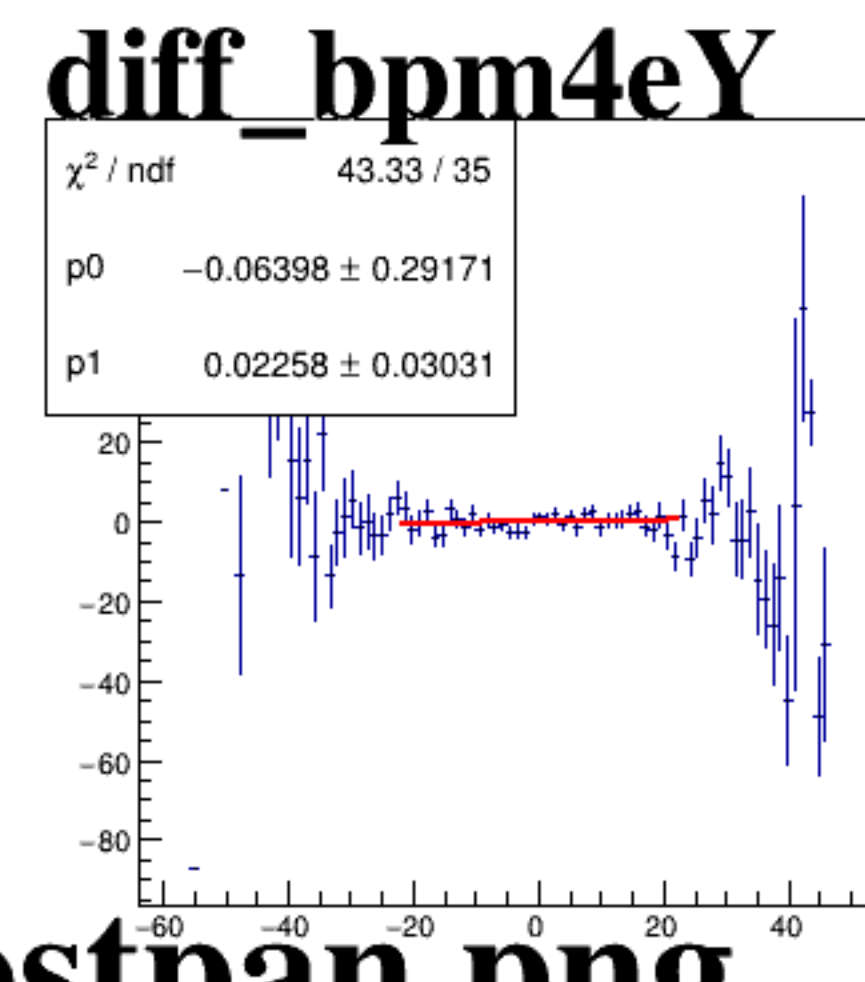
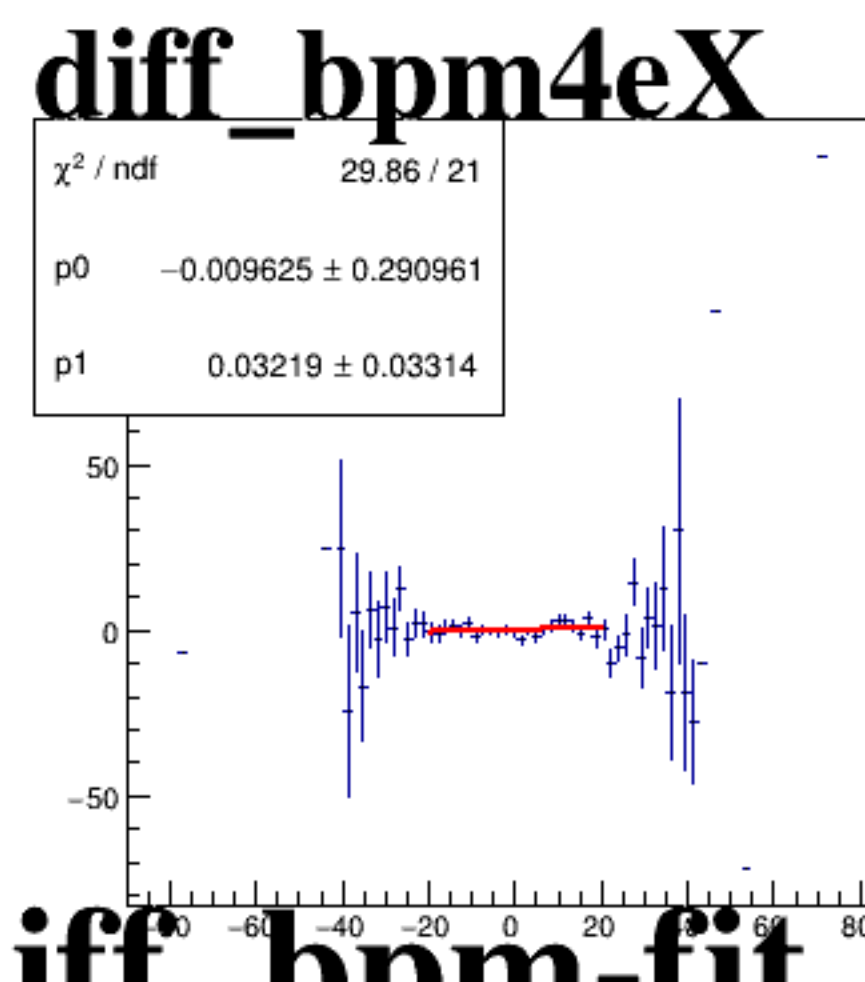
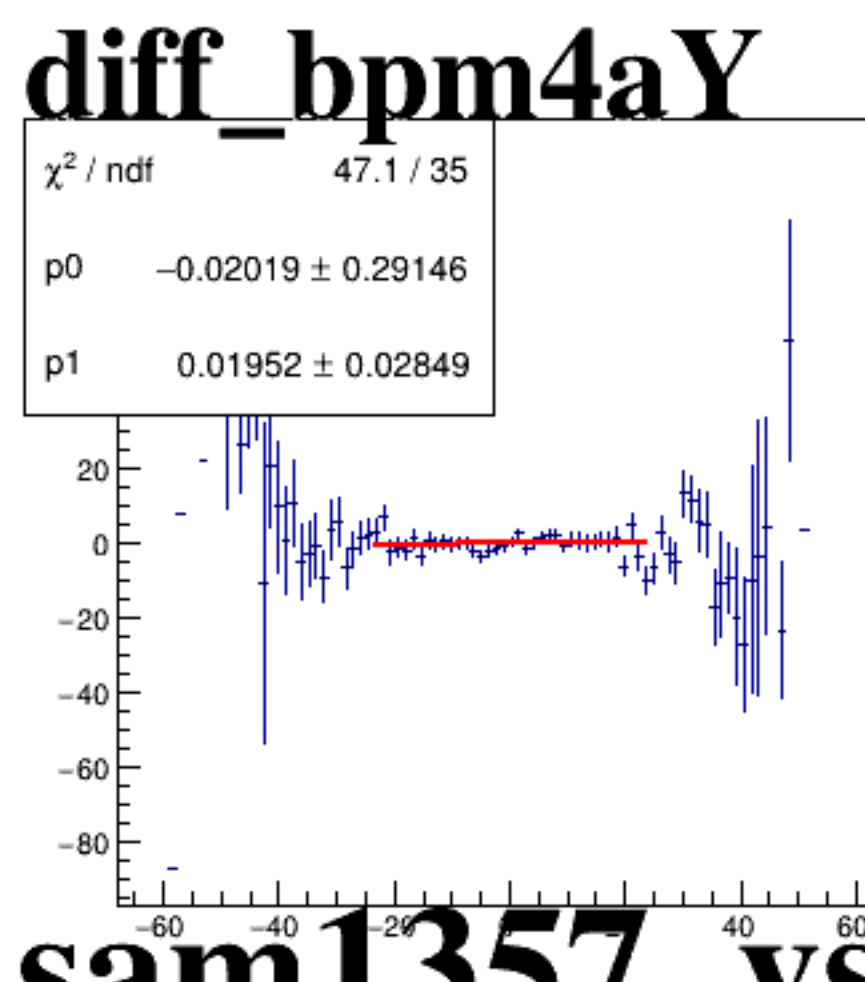
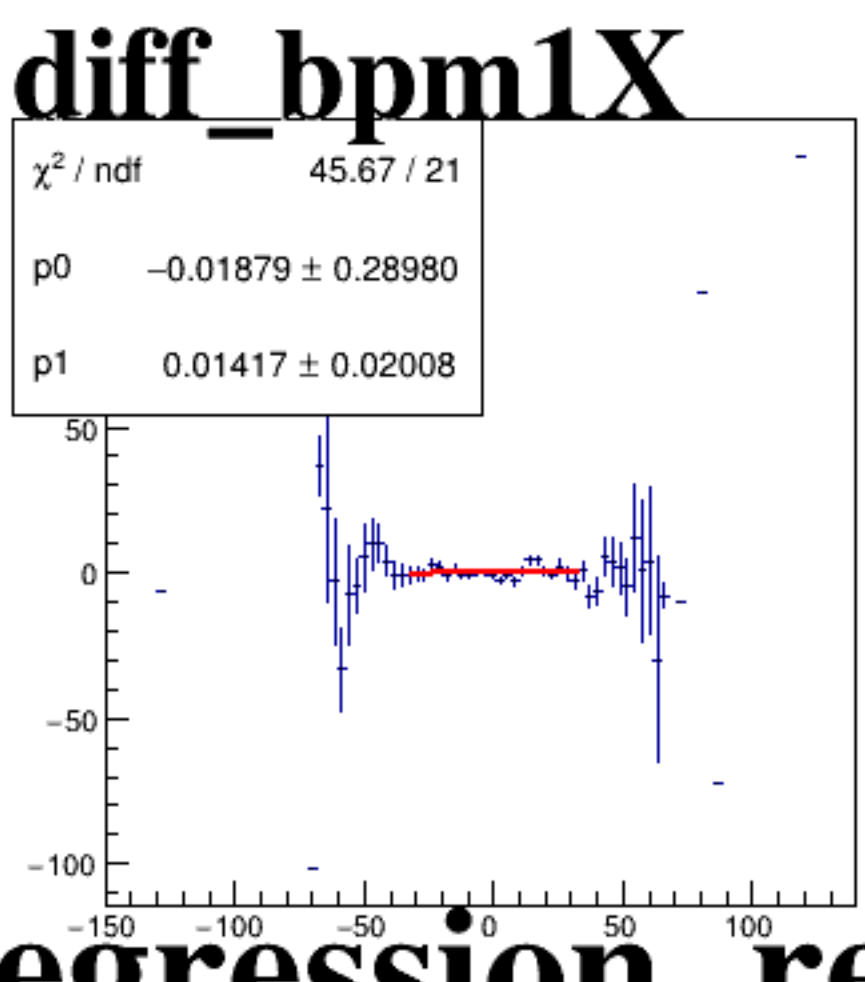
reg_asym_sam3



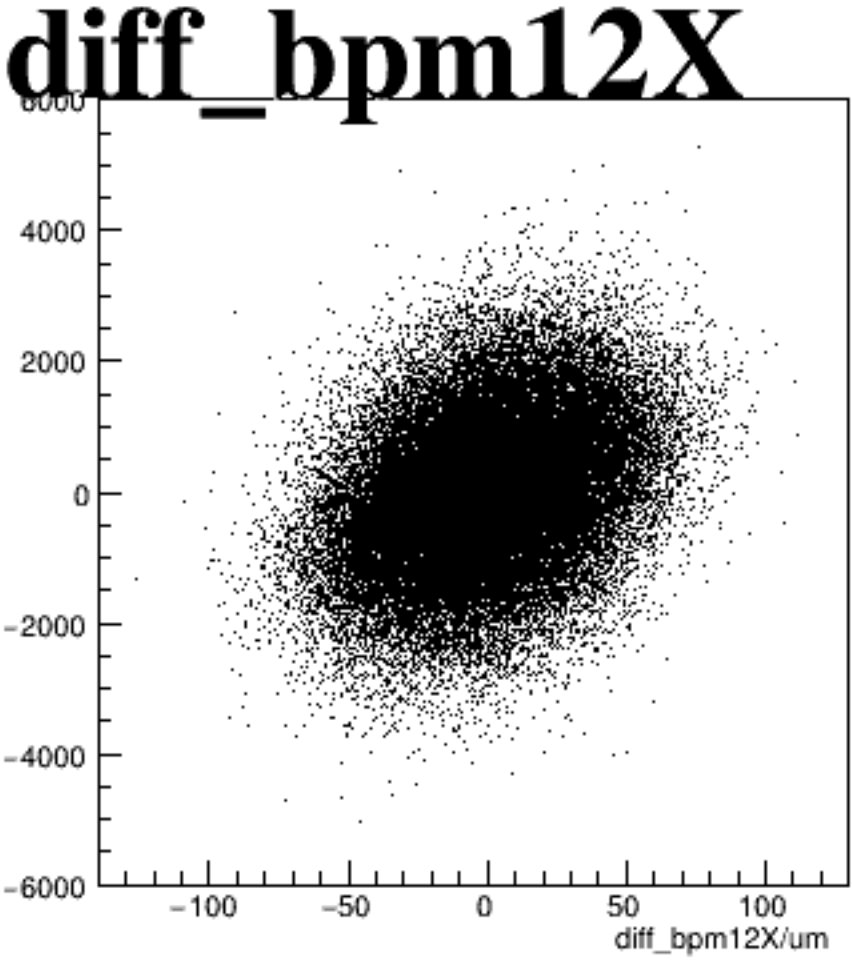
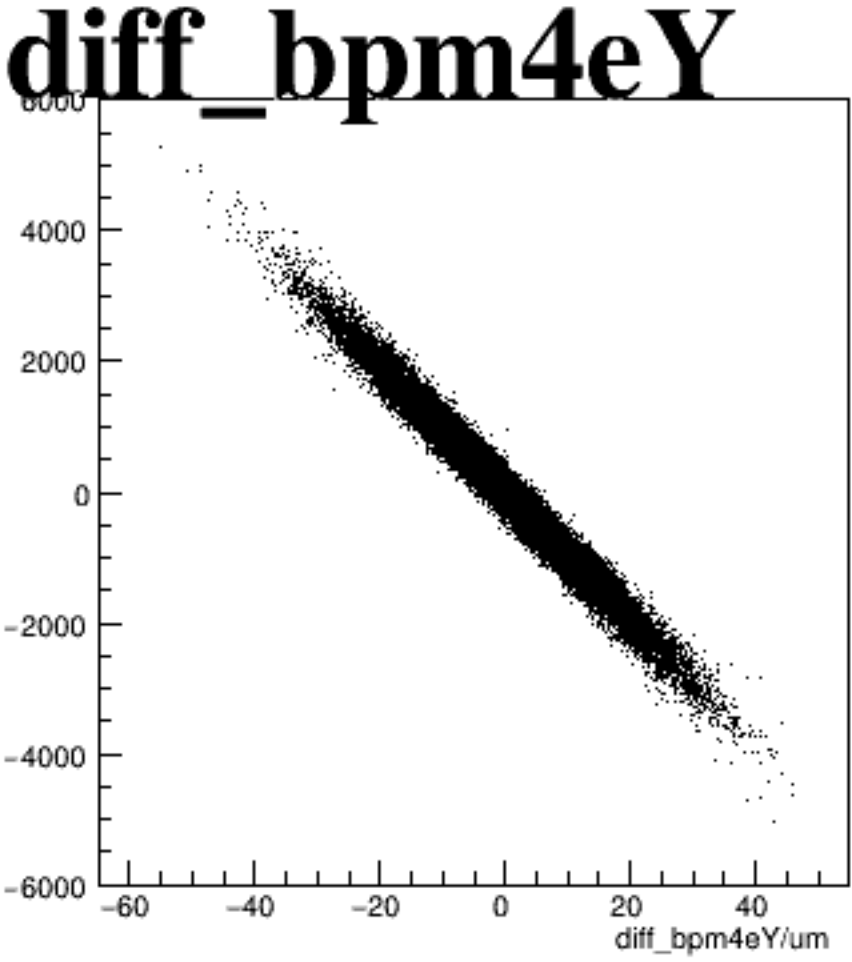
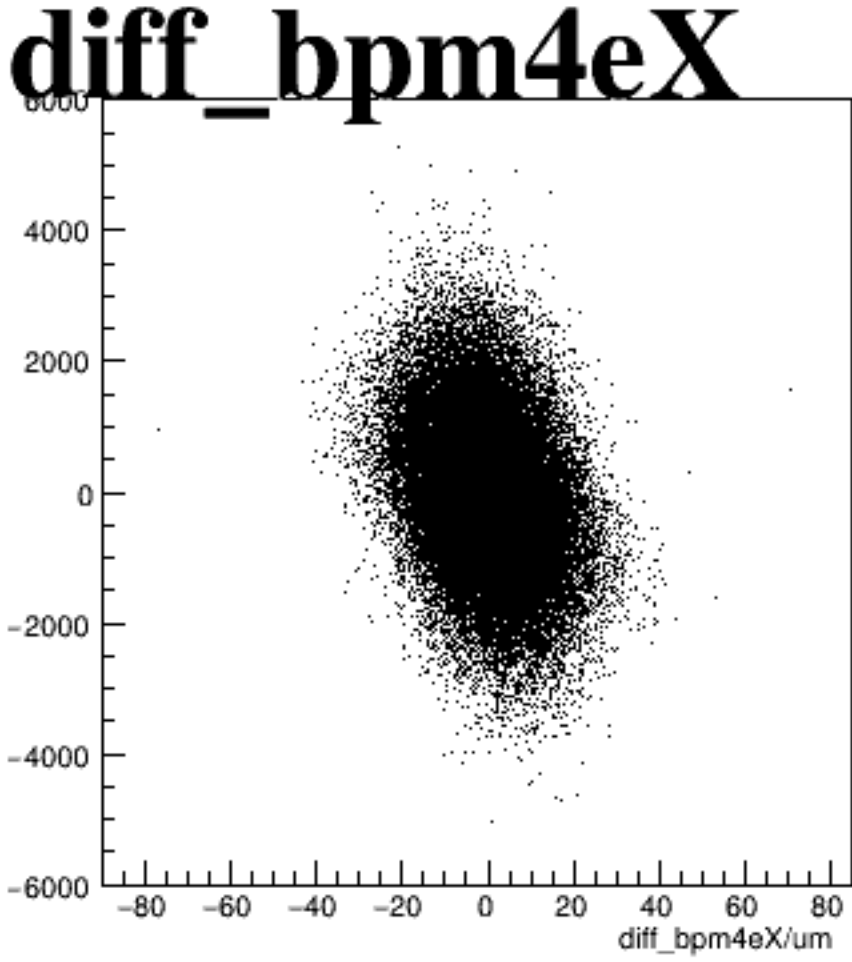
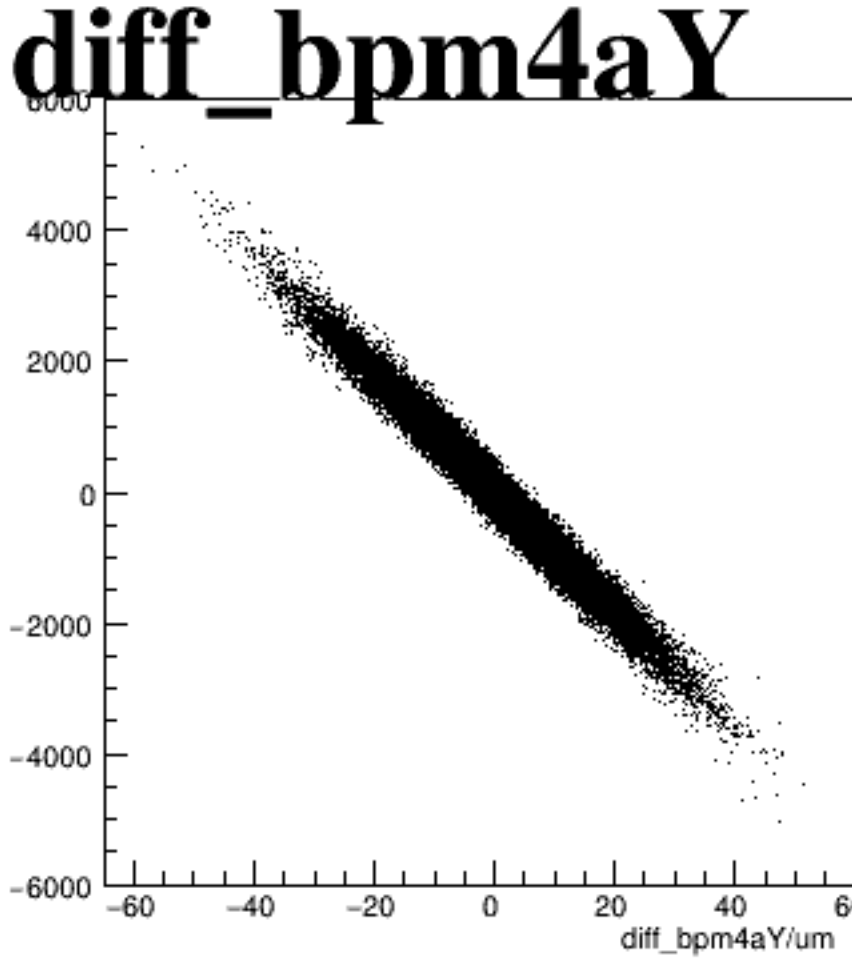
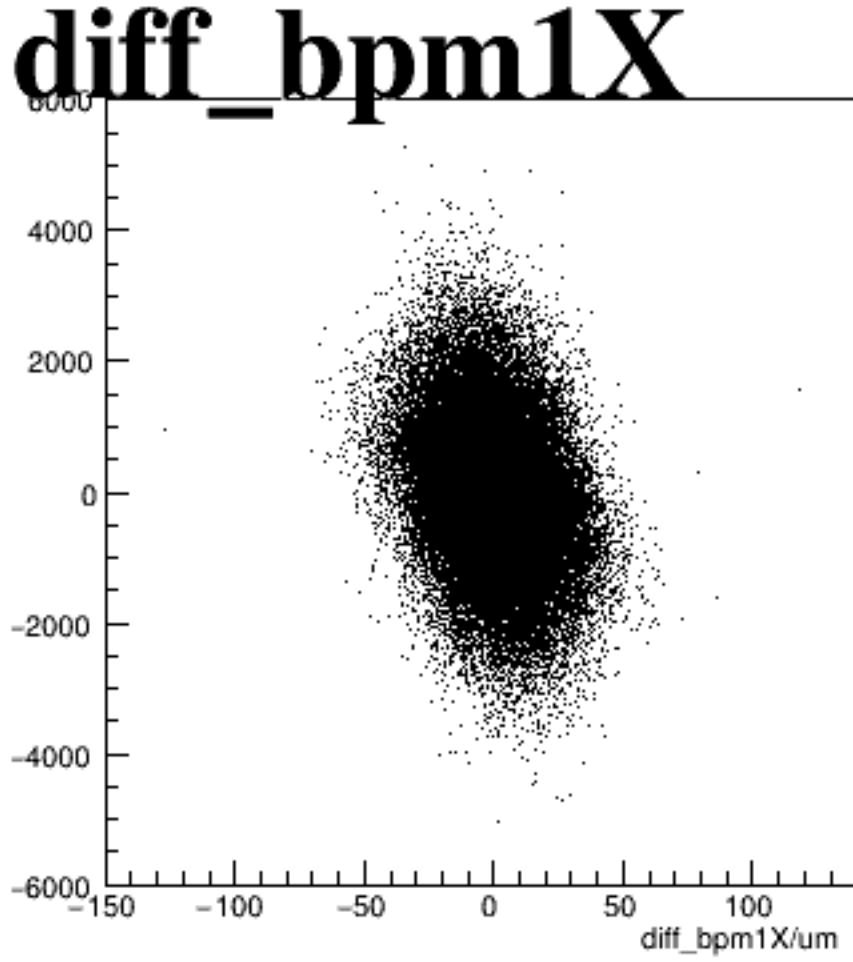
reg_asym_sam5



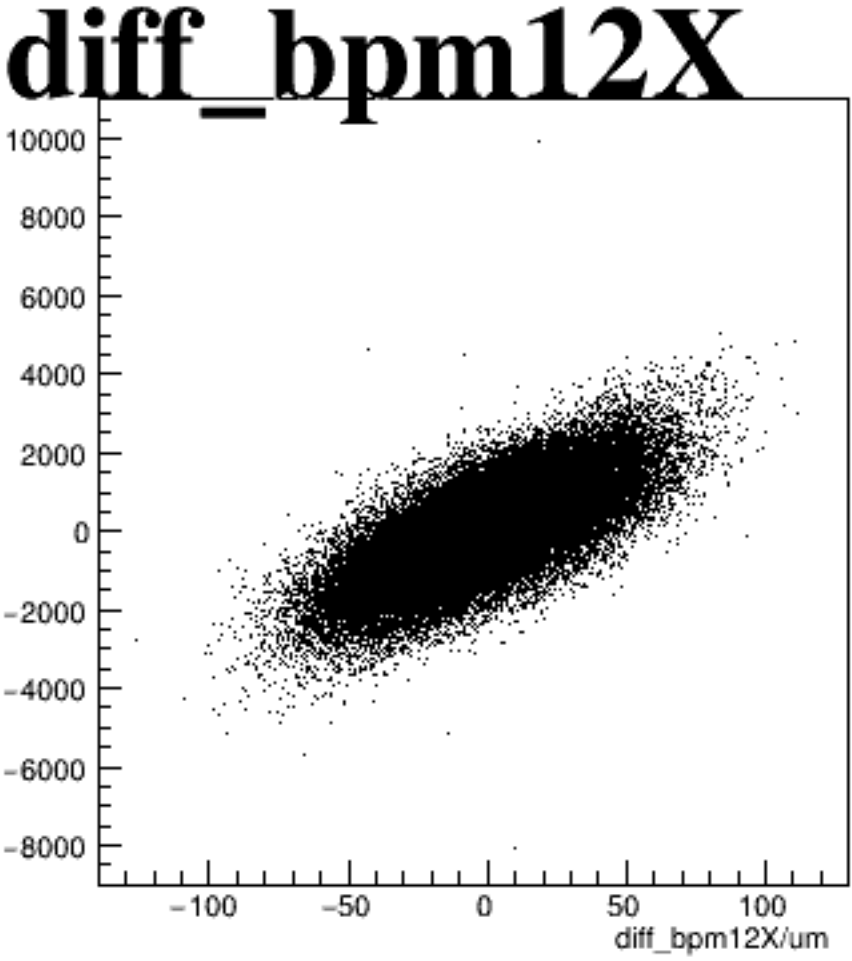
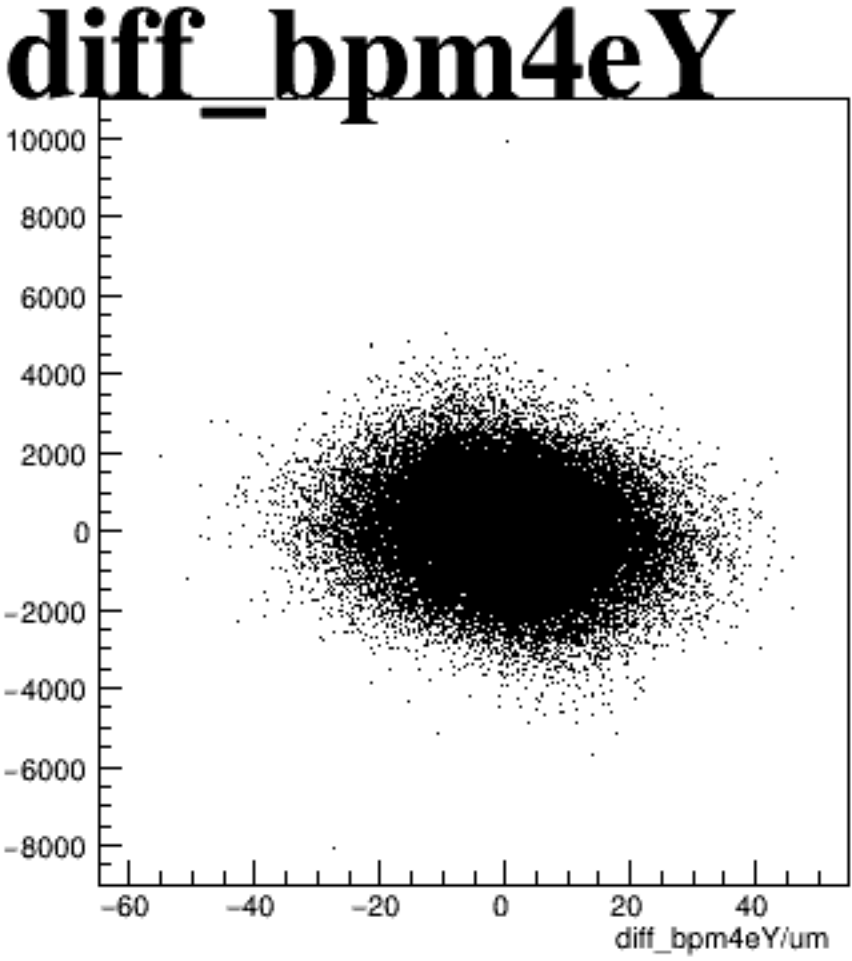
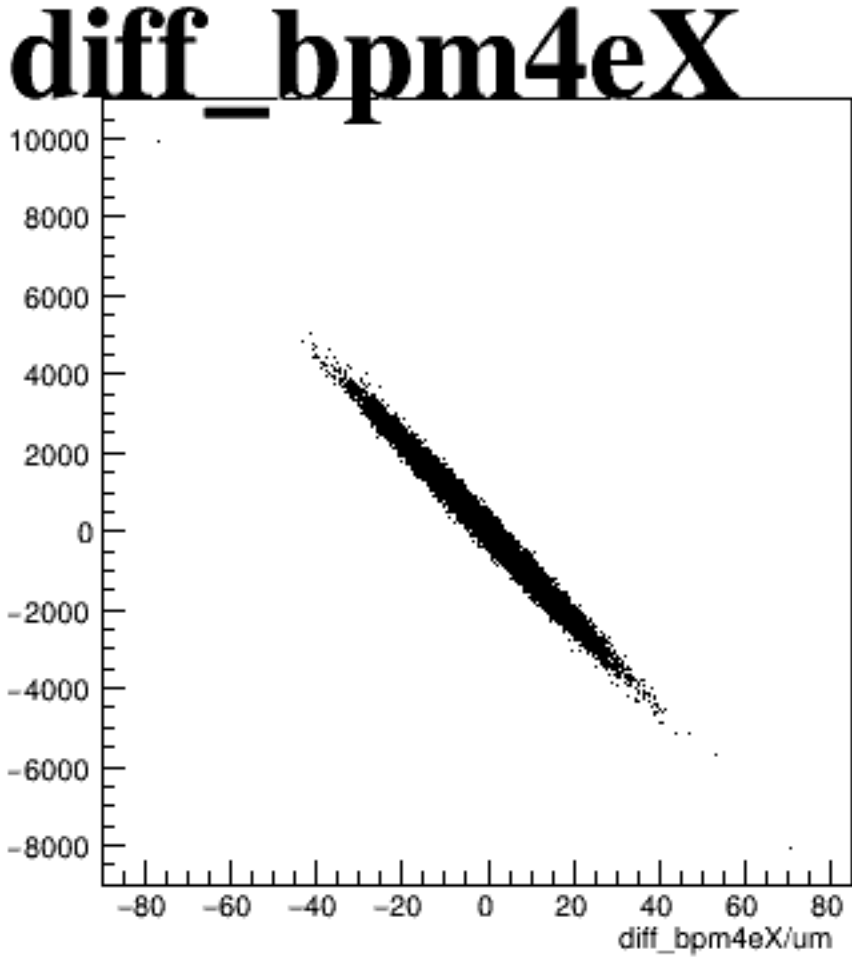
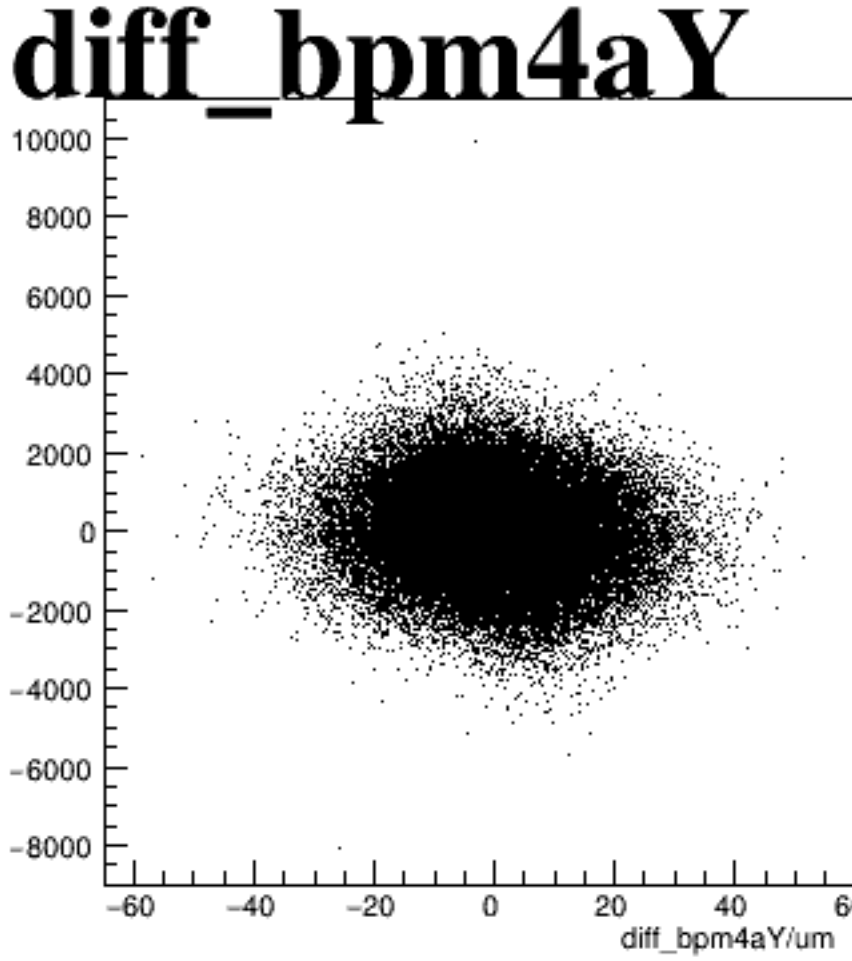
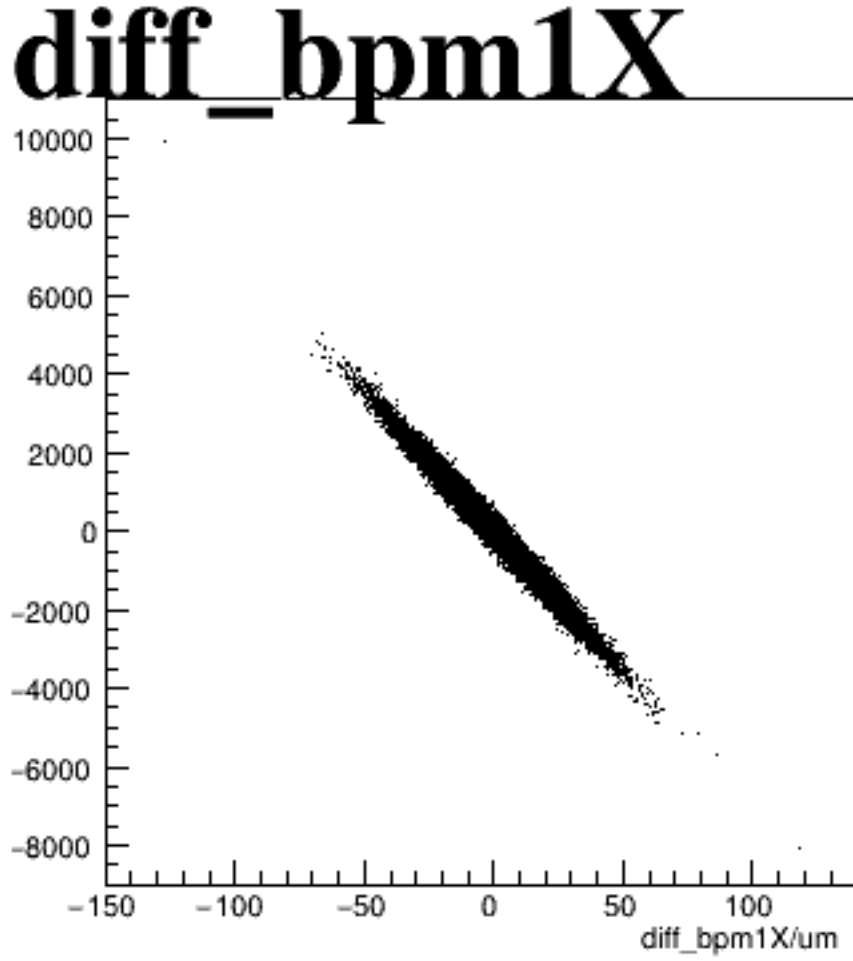
reg_asym_sam7



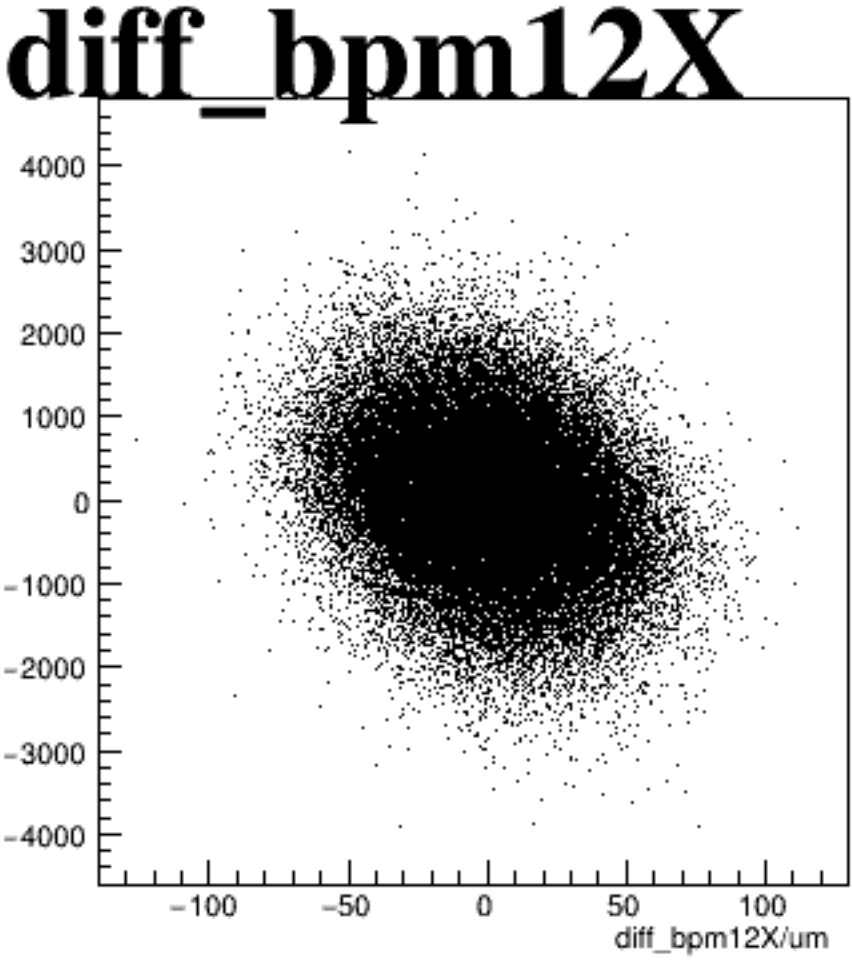
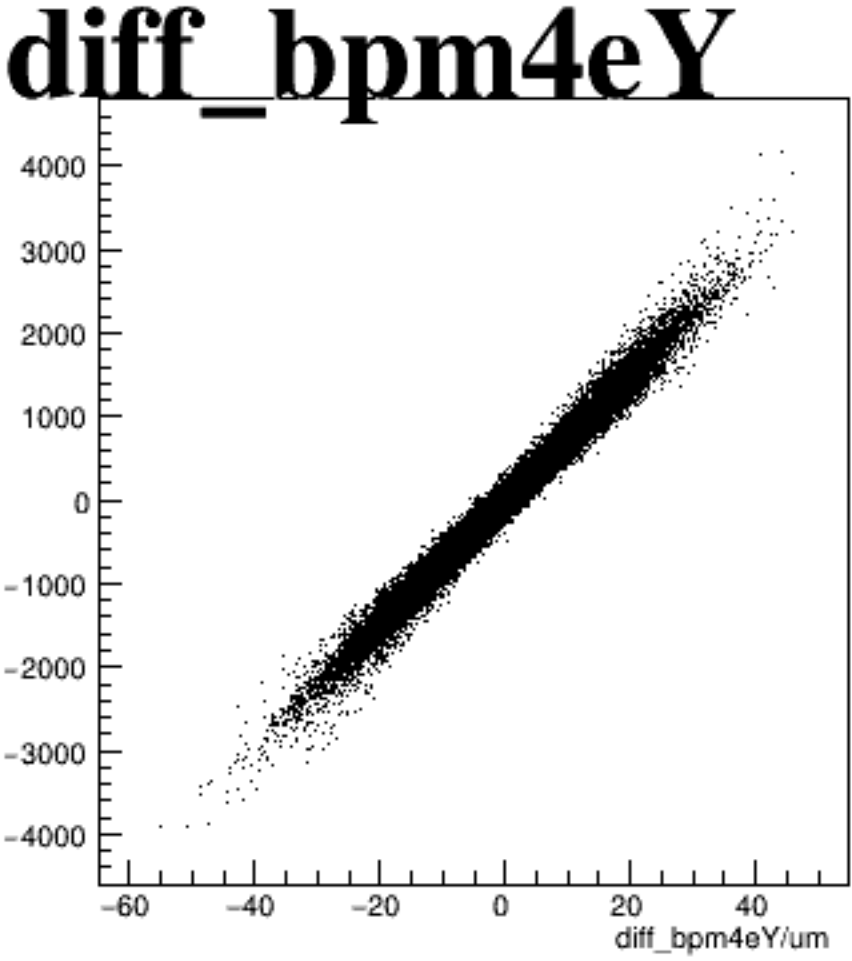
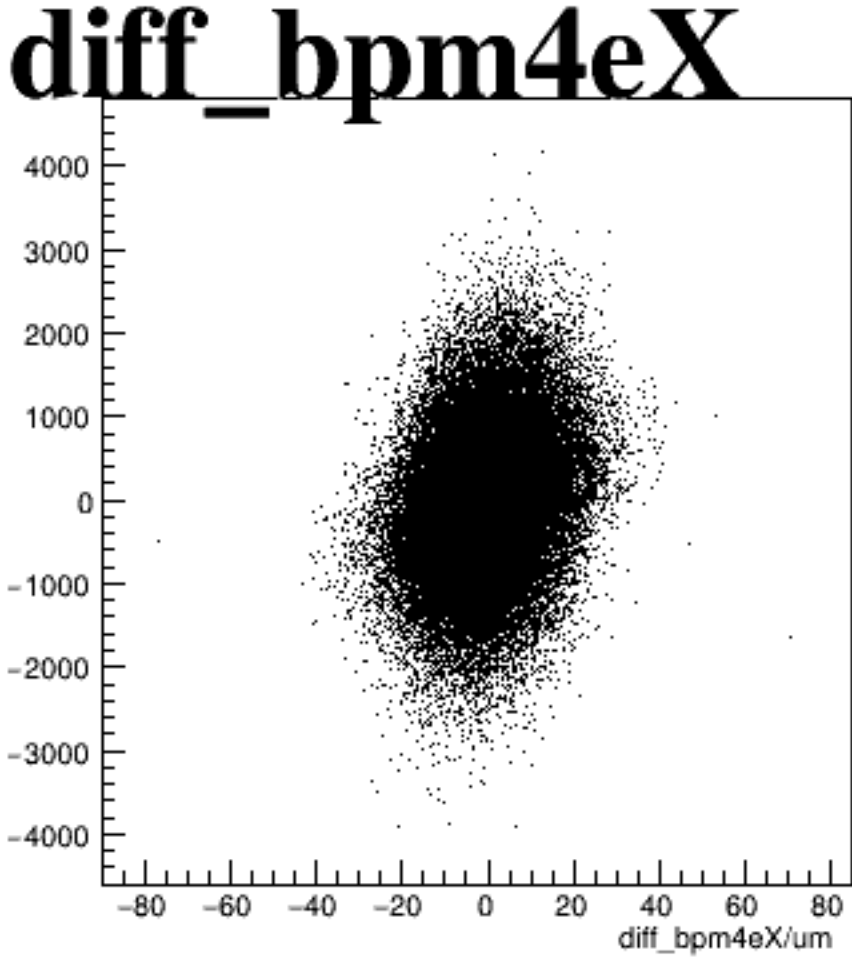
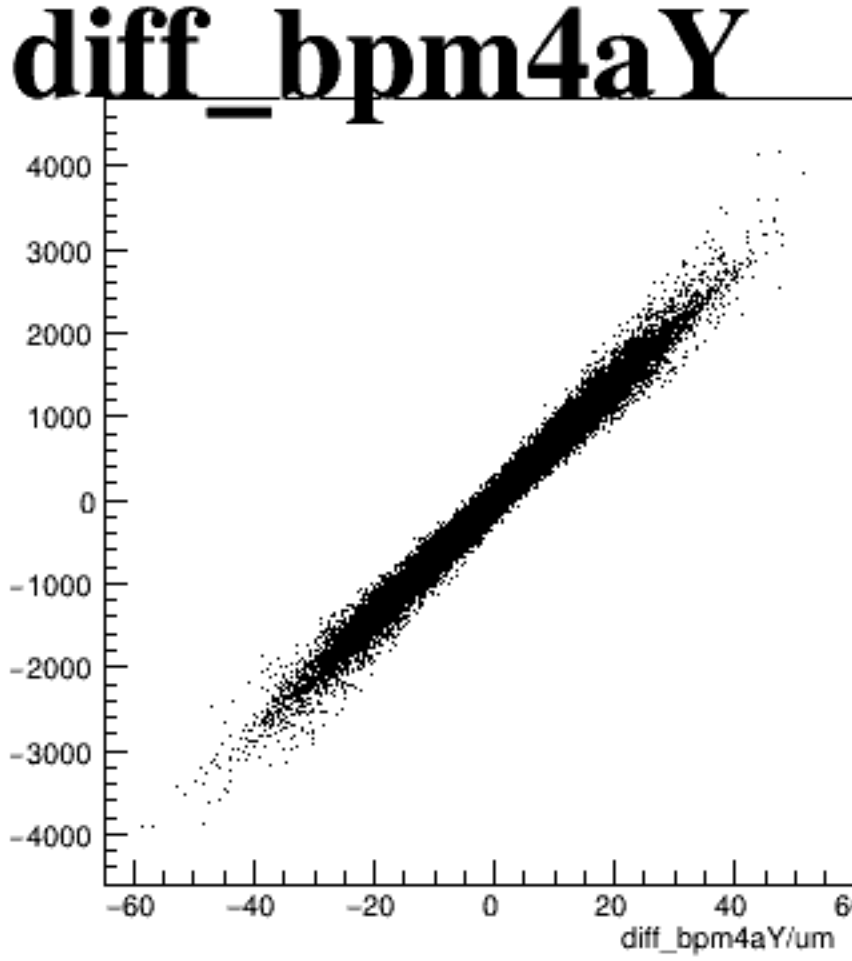
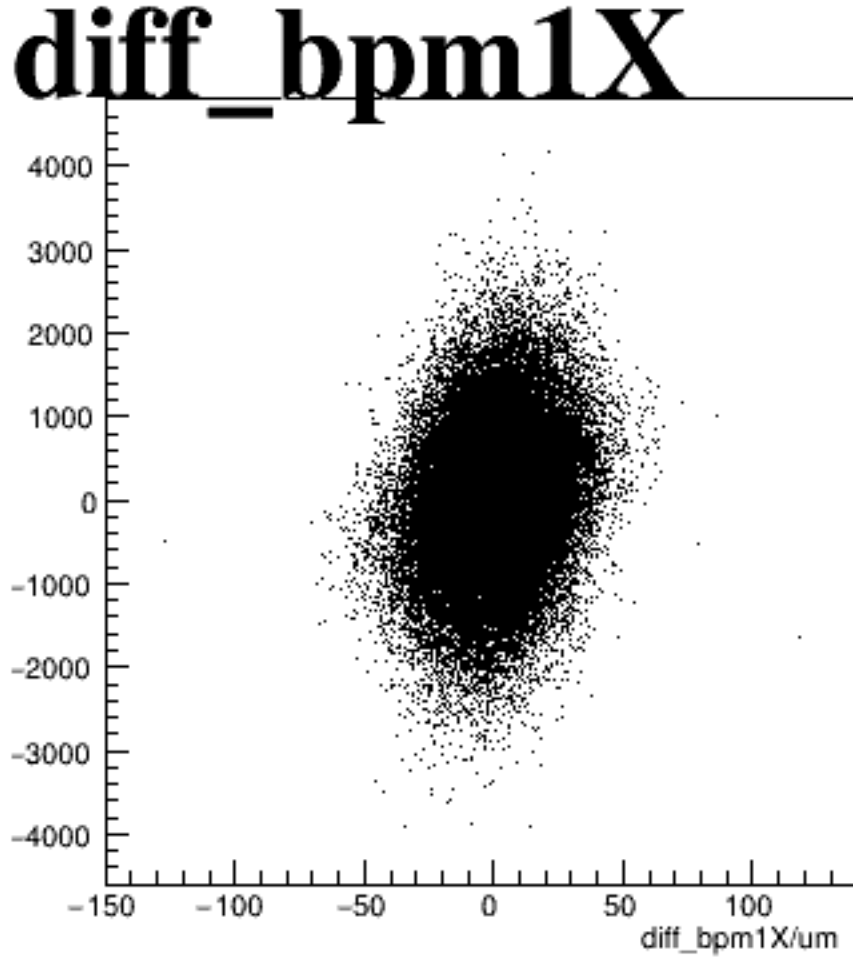
asym_sam1



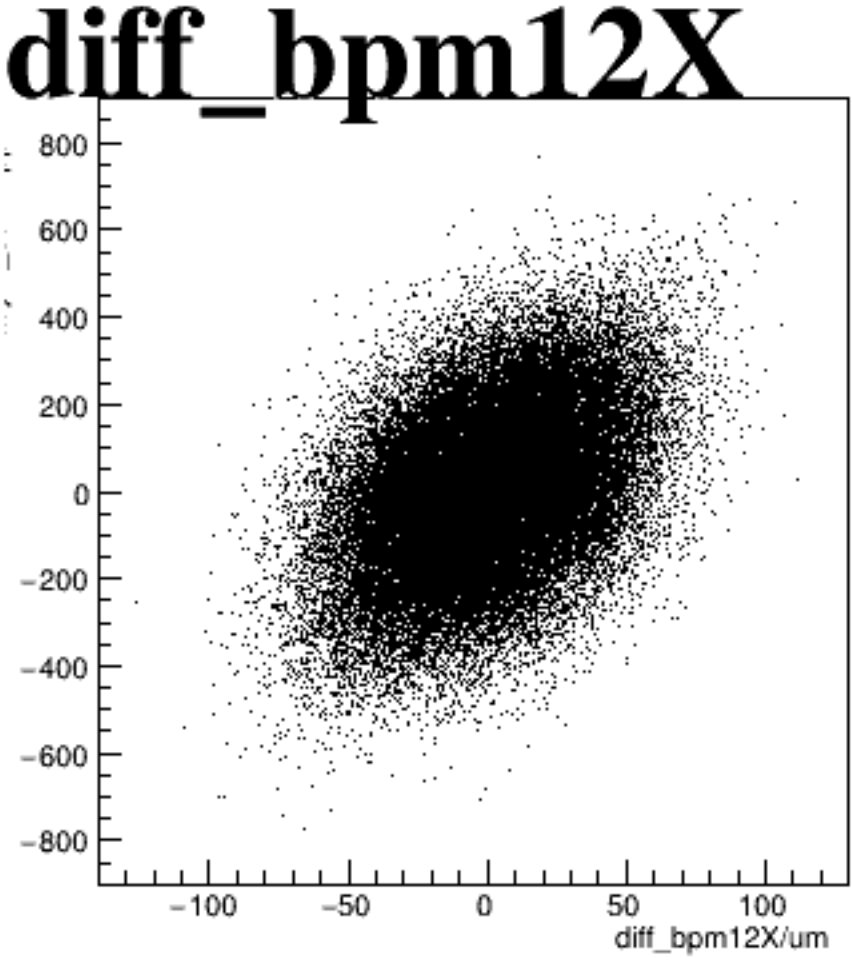
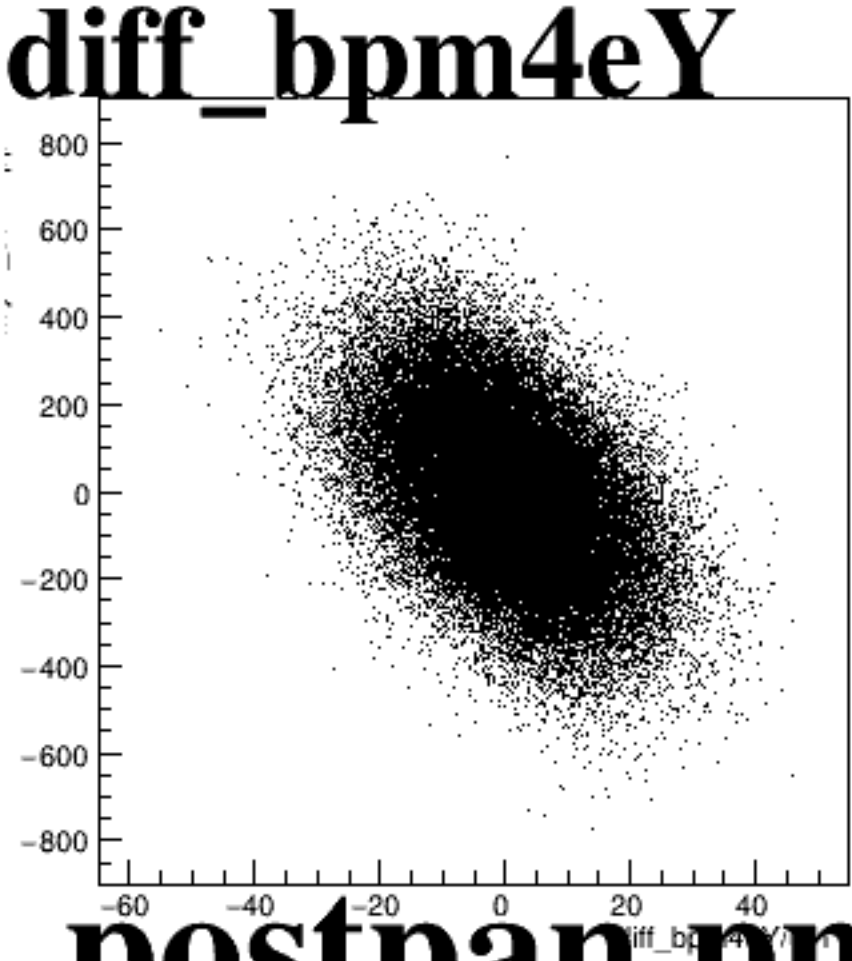
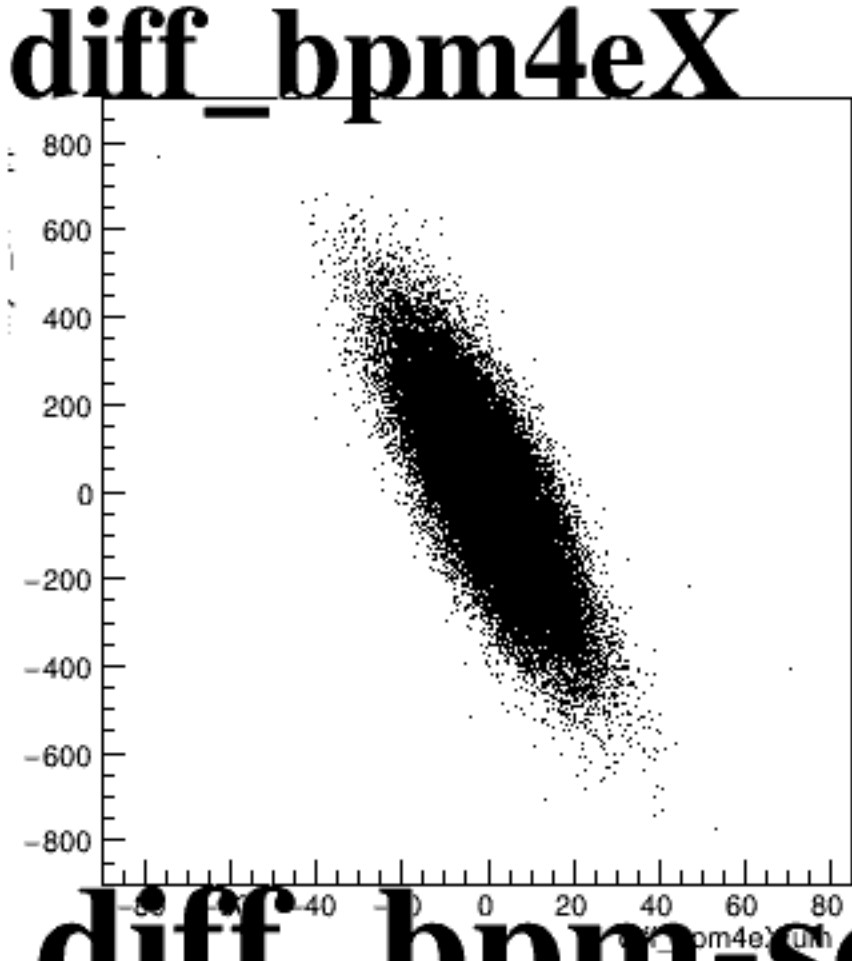
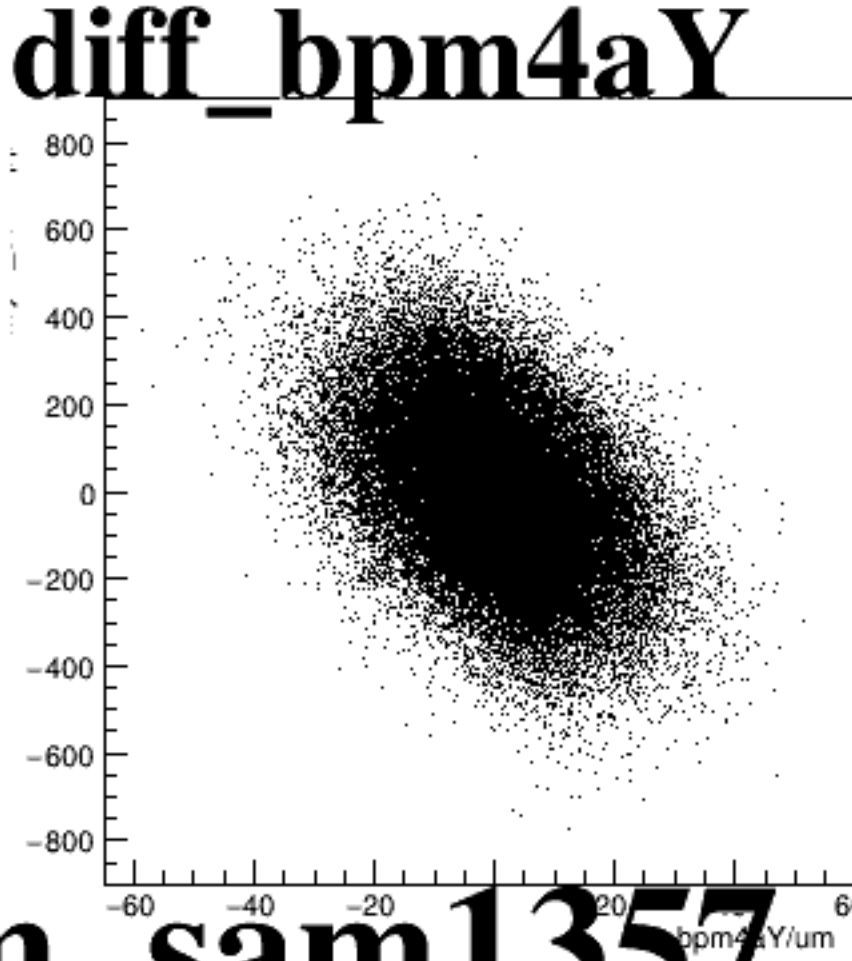
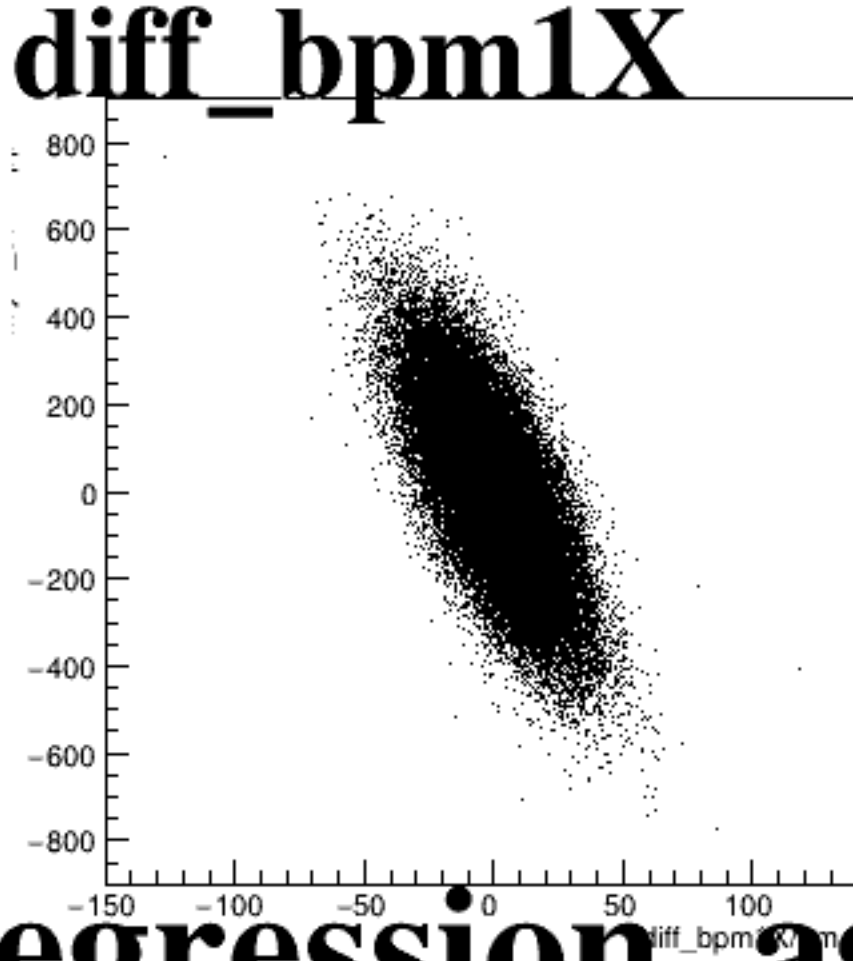
asym_sam3



asym_sam5



asym_sam7



The figure displays five scatter plots, each showing the difference in beam positions (diff_bpm) for various beam parameters. The plots are arranged horizontally. Each plot has a y-axis ranging from -600 to 800 and an x-axis ranging from -150 to 150. The data points are clustered around the origin (0,0), indicating small differences in beam positions.

- diff_bpm1X**: The x-axis is labeled 'diff_bpm1X/um' and ranges from -150 to 150. The y-axis is labeled 'diff_bpm1X/um' and ranges from -600 to 800.
- diff_bpm4aY**: The x-axis is labeled 'diff_bpm4aY/um' and ranges from -60 to 60. The y-axis is labeled 'diff_bpm4aY/um' and ranges from -600 to 800.
- diff_bpm4eX**: The x-axis is labeled 'diff_bpm4eX/um' and ranges from -80 to 80. The y-axis is labeled 'diff_bpm4eX/um' and ranges from -600 to 800.
- diff_bpm4eY**: The x-axis is labeled 'diff_bpm4eY/um' and ranges from -60 to 60. The y-axis is labeled 'diff_bpm4eY/um' and ranges from -600 to 800.
- diff_bpm12X**: The x-axis is labeled 'diff_bpm12X/um' and ranges from -100 to 100. The y-axis is labeled 'diff_bpm12X/um' and ranges from -600 to 800.

The figure consists of five scatter plots arranged horizontally, each showing the difference in beam positions (diff_bpm) for a specific beam pair. The y-axis for all plots ranges from -800 to 1000. The x-axis for each plot is labeled with the beam pair and the unit 'um'.

- diff_bpm1X:** The x-axis ranges from -150 to 150. The data points are clustered around zero, with a spread of approximately ±100 um.
- diff_bpm4aY:** The x-axis ranges from -60 to 60. The data points are clustered around zero, with a spread of approximately ±20 um.
- diff_bpm4eX:** The x-axis ranges from -80 to 80. The data points are clustered around zero, with a spread of approximately ±20 um.
- diff_bpm4eY:** The x-axis ranges from -60 to 60. The data points are clustered around zero, with a spread of approximately ±20 um.
- diff_bpm12X:** The x-axis ranges from -100 to 100. The data points are clustered around zero, with a spread of approximately ±50 um.

diff_bpm1X

diff_bpm4aY

diff_bpm4eX

diff_bpm4eY

diff_bpm12X

diff_bpm1

diff_bpm4a

diff_bpm4e

diff_bpm12

diff_bpm12X/um