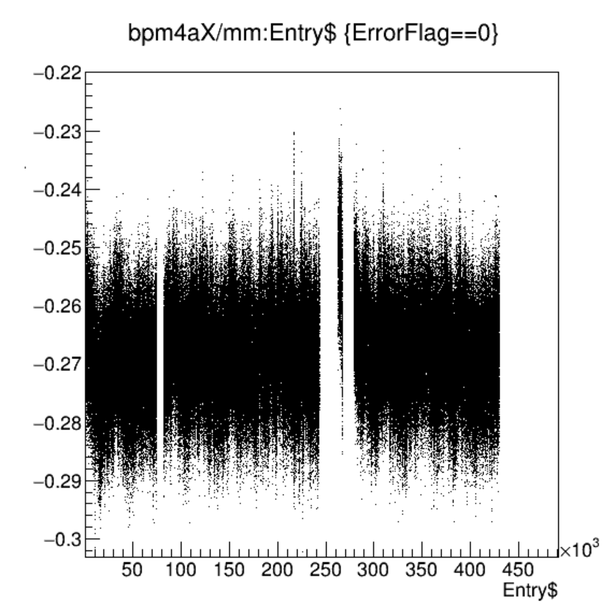

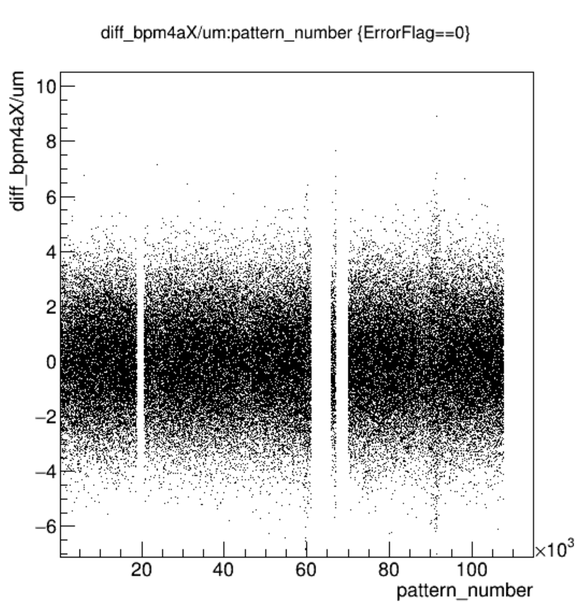

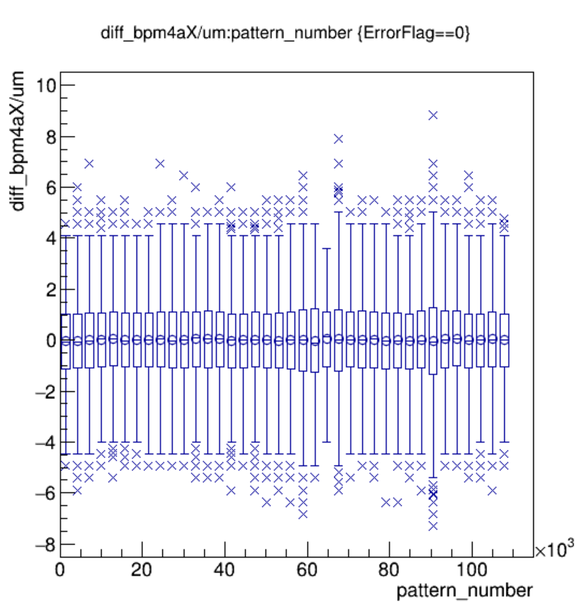

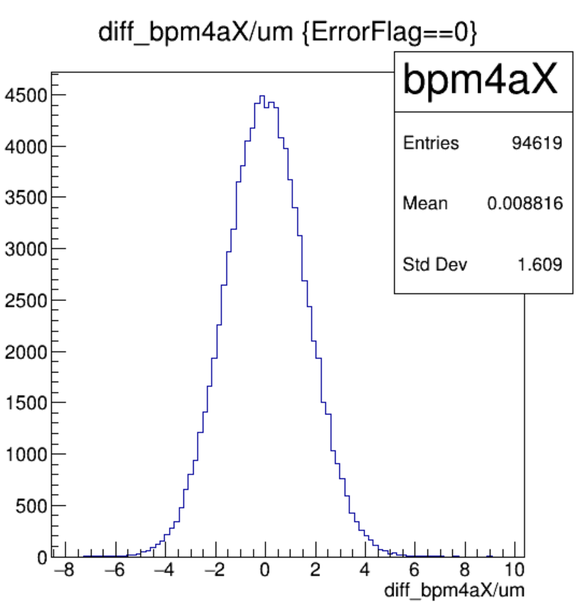

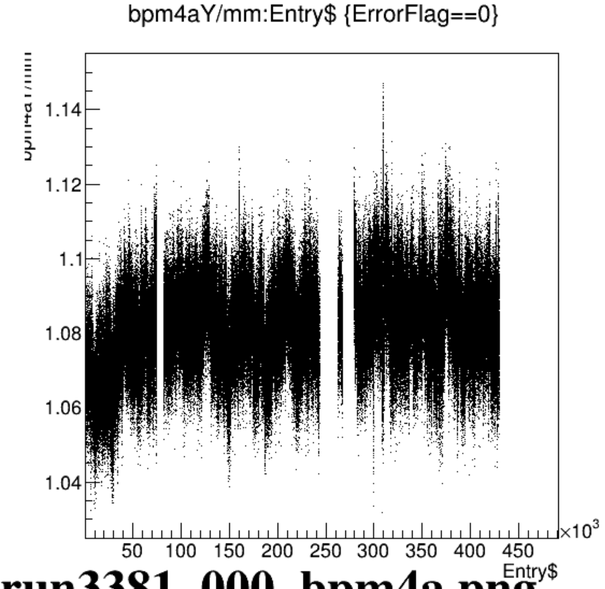

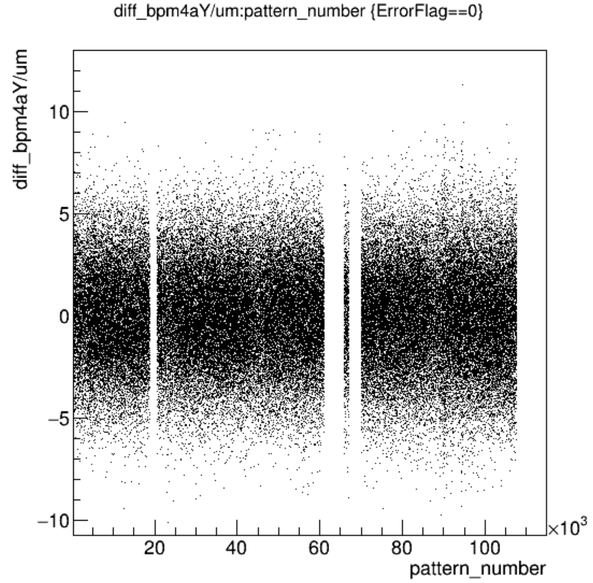

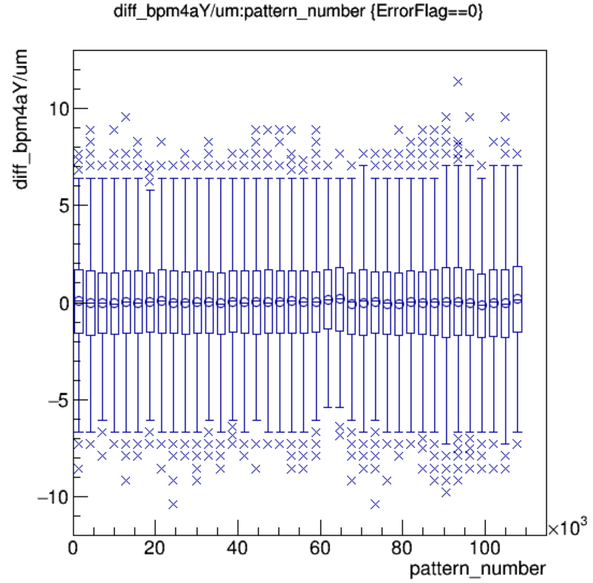

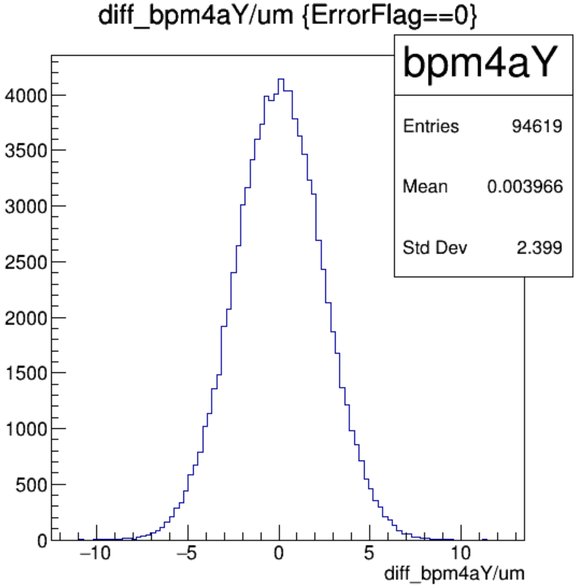

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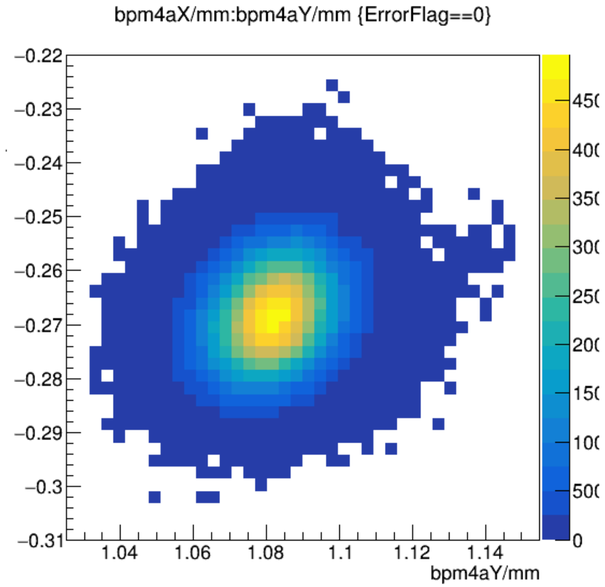

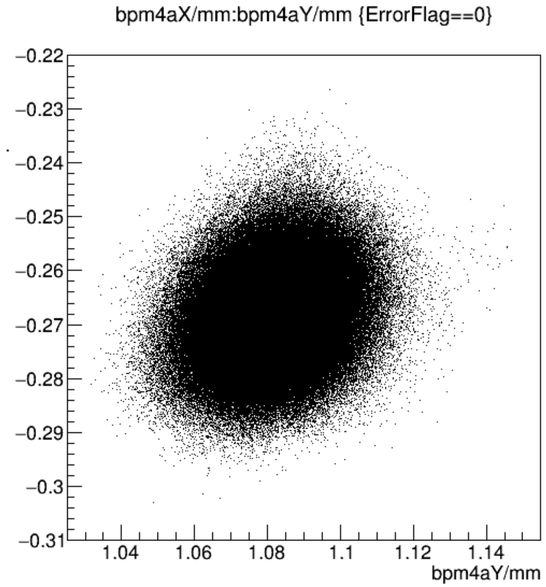

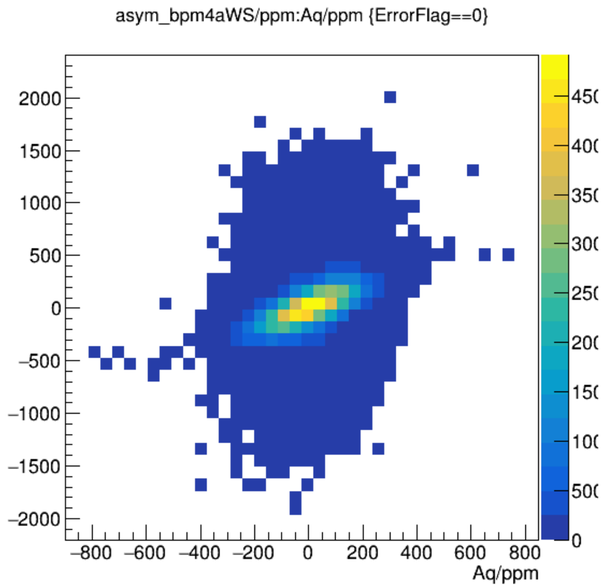

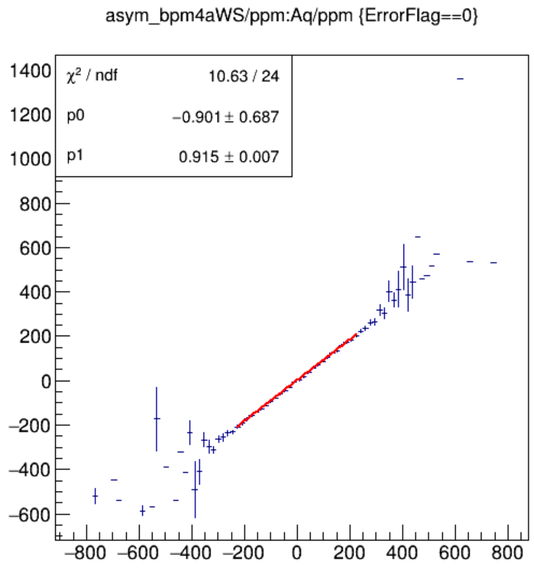

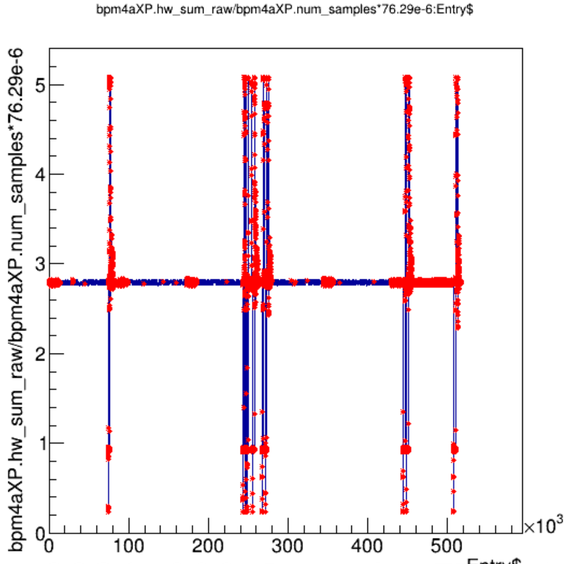

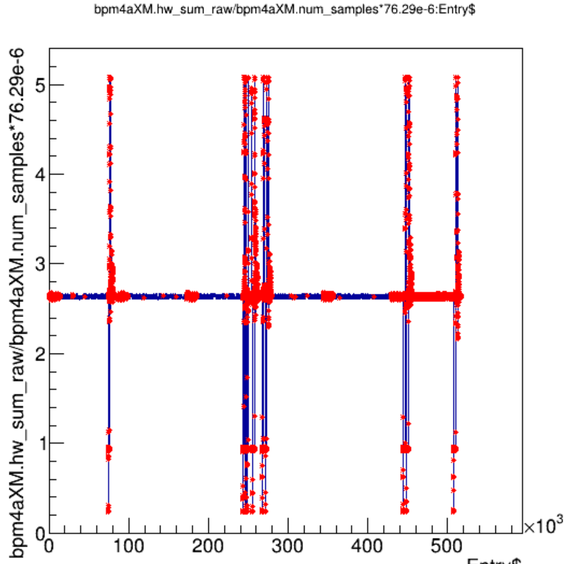

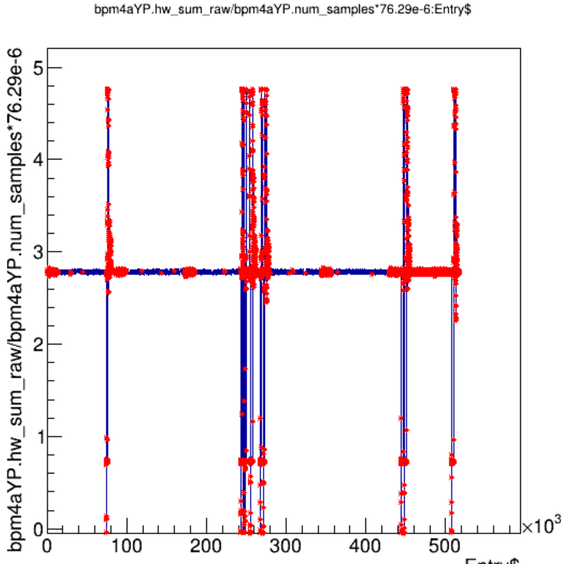

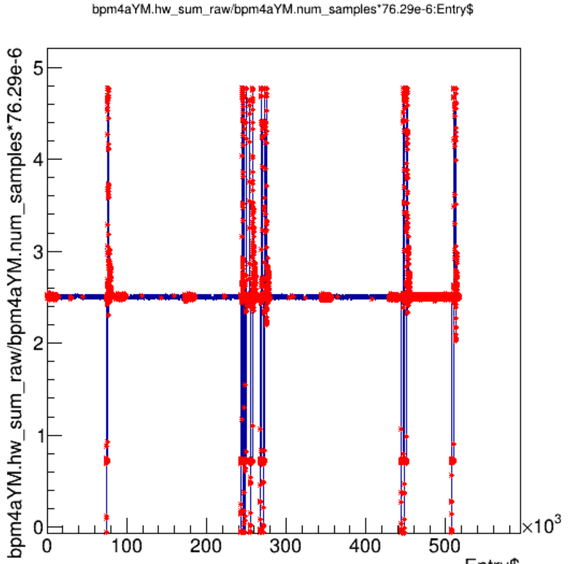

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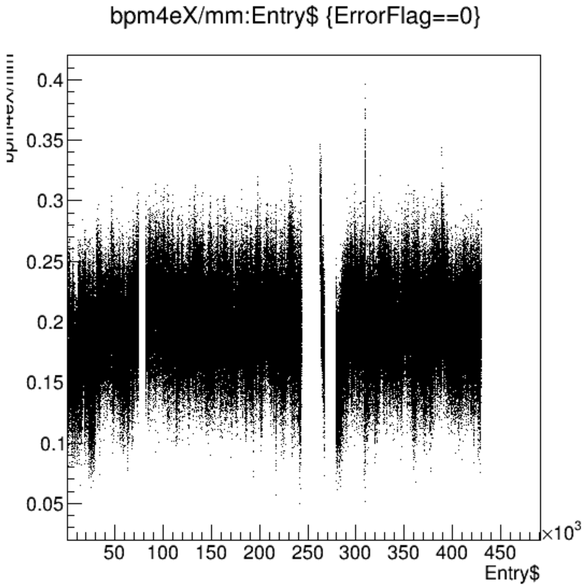

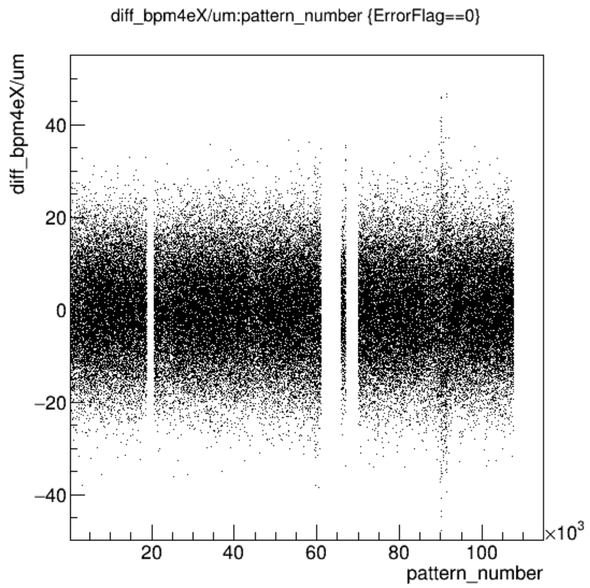

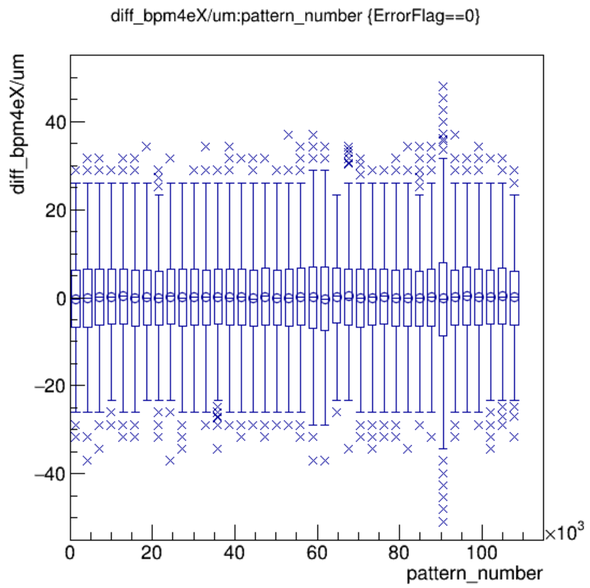

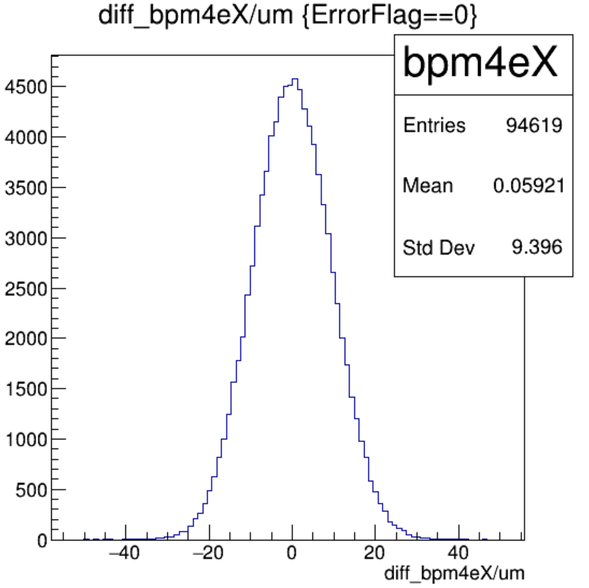

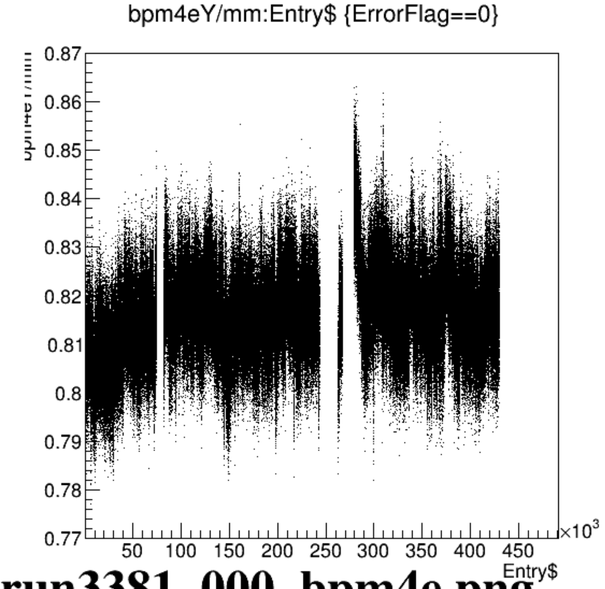

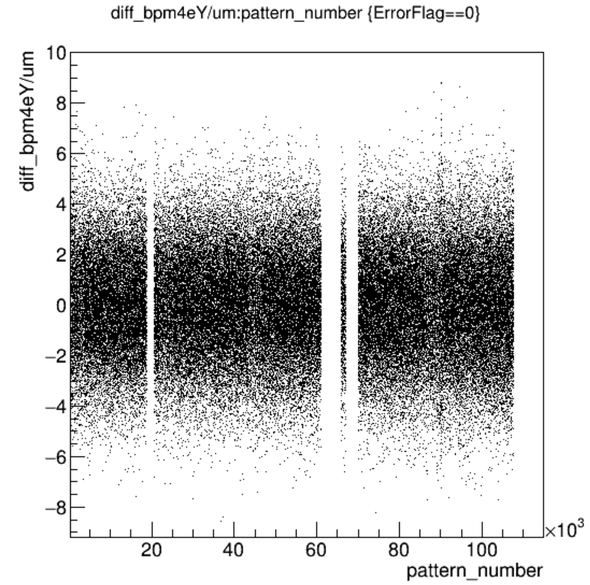

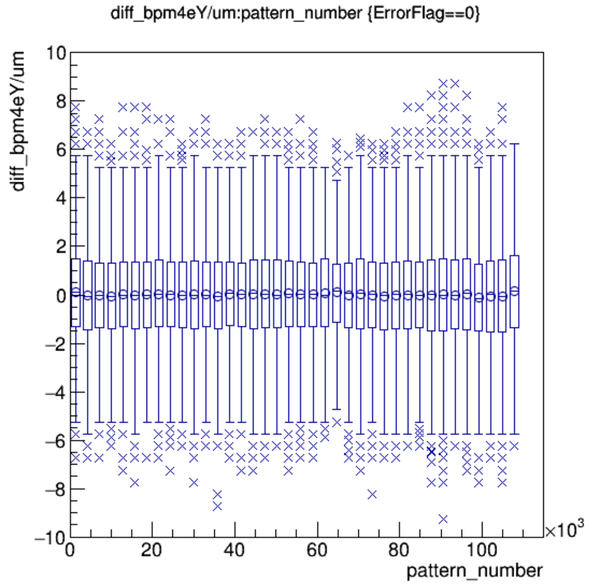

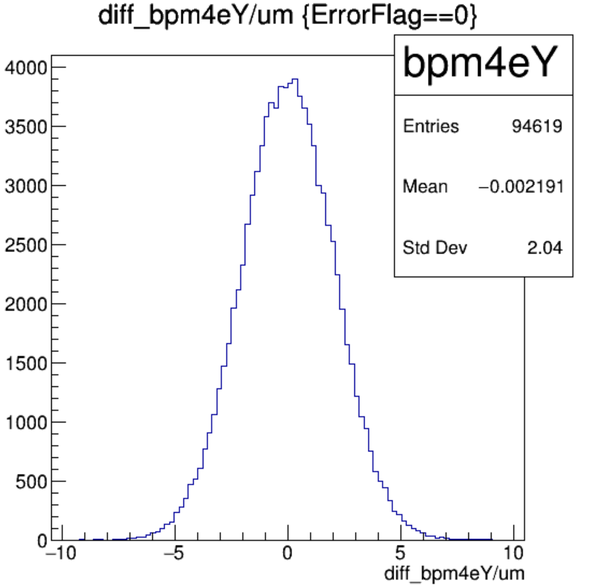

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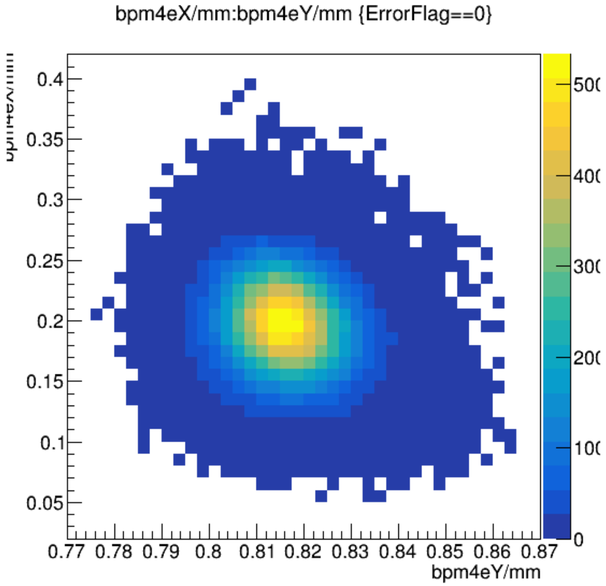

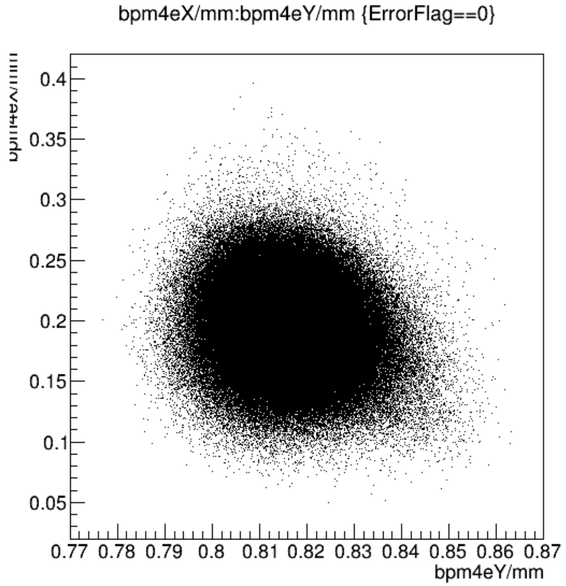

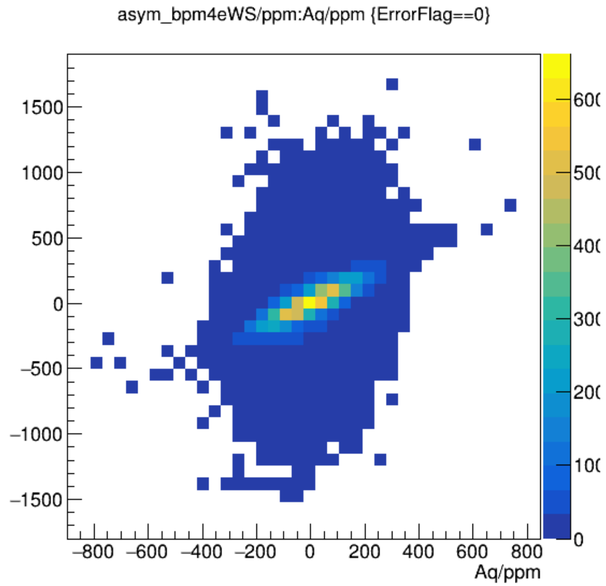

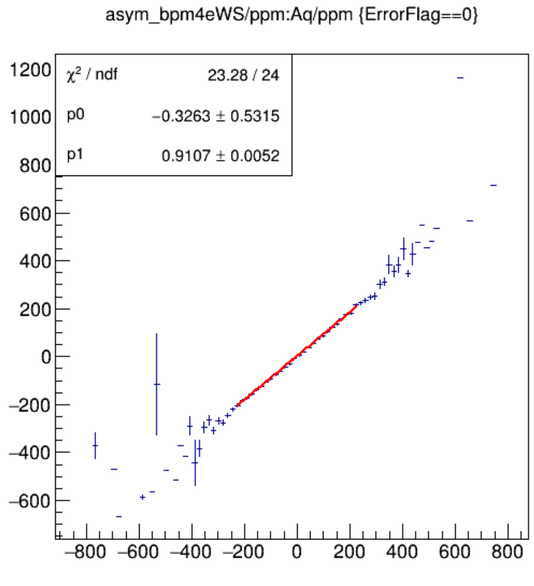

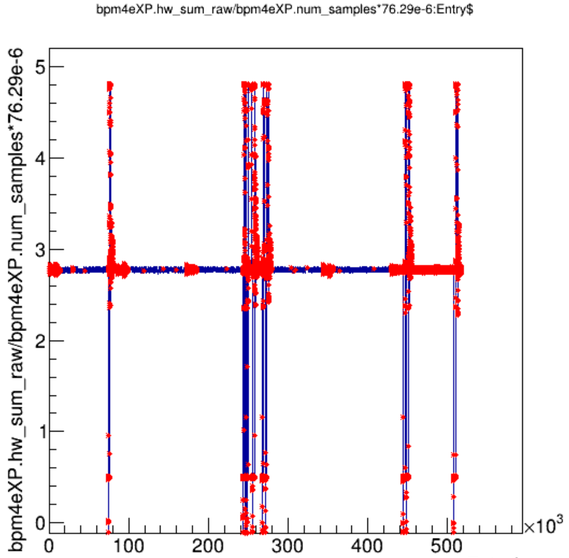

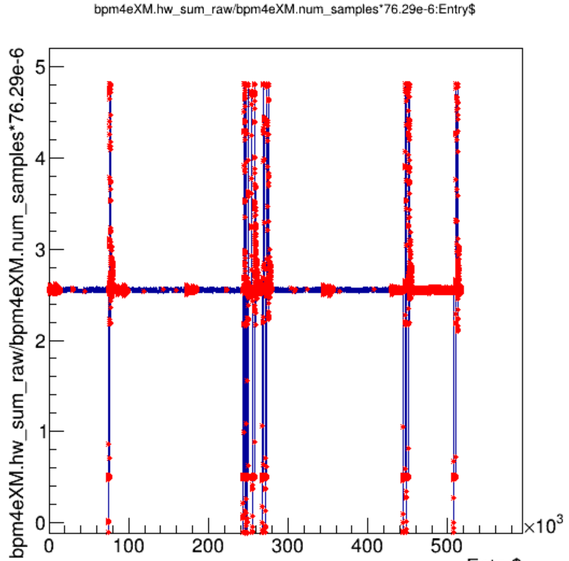

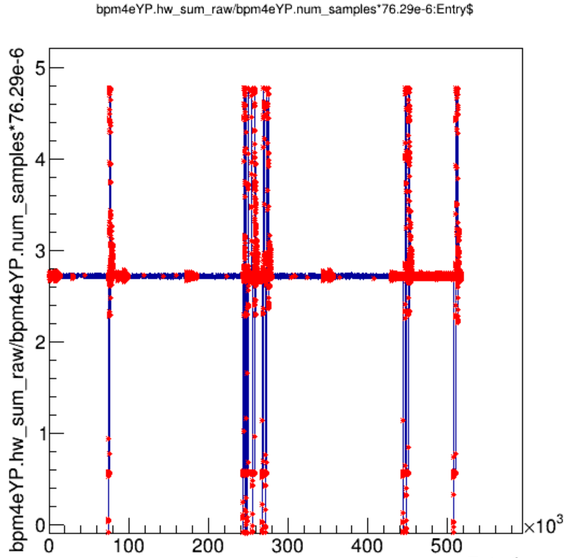

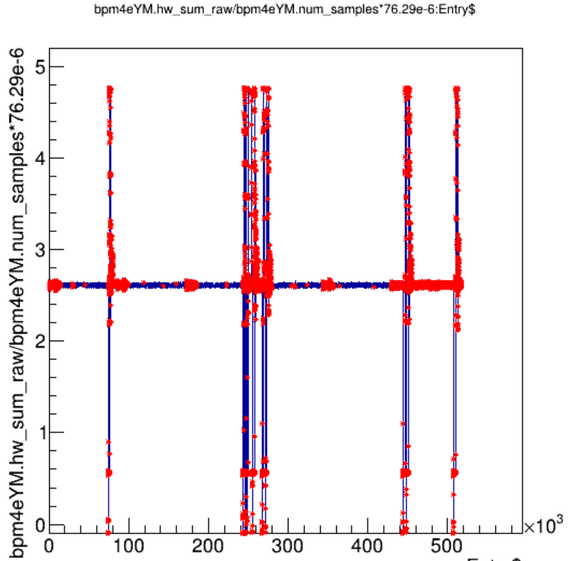

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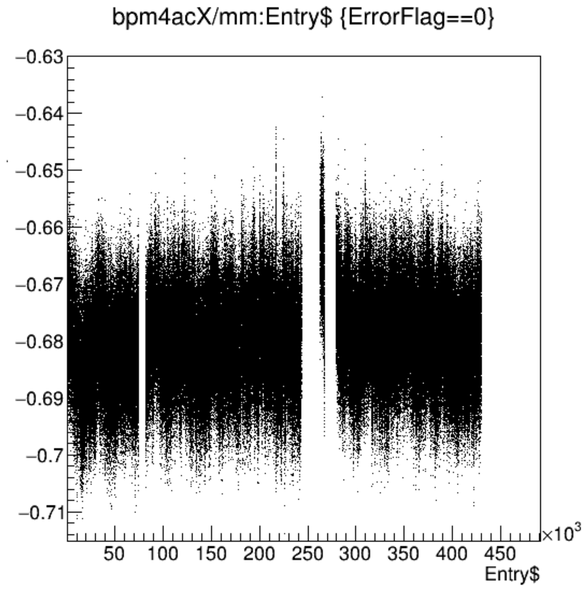

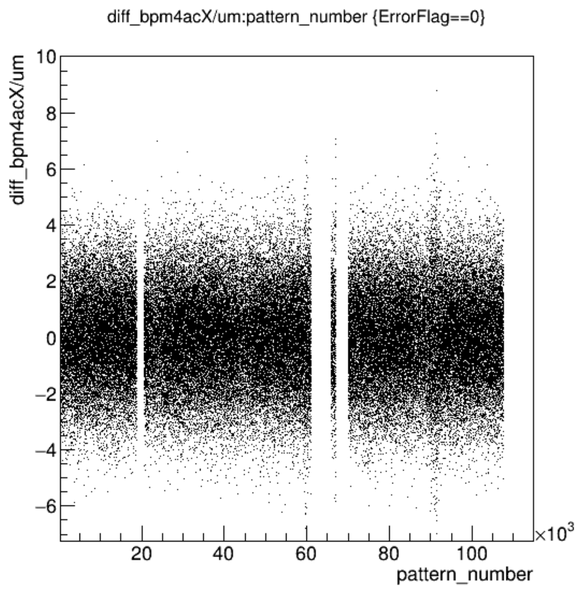

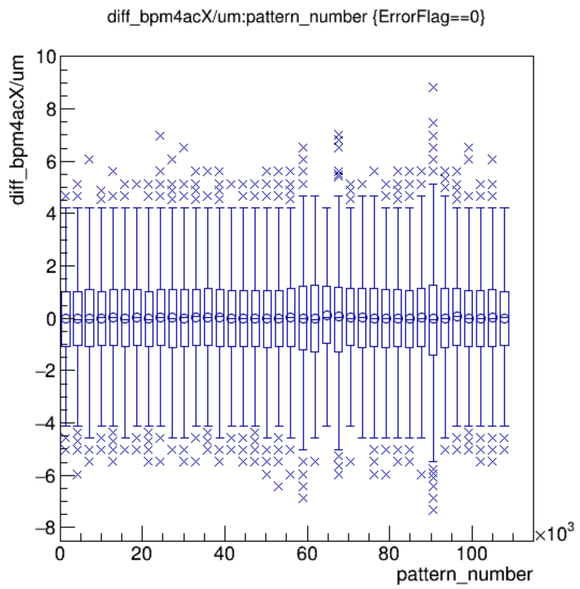

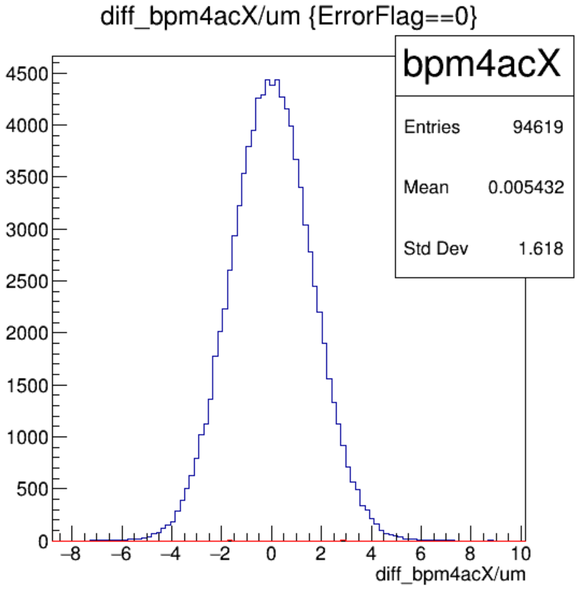

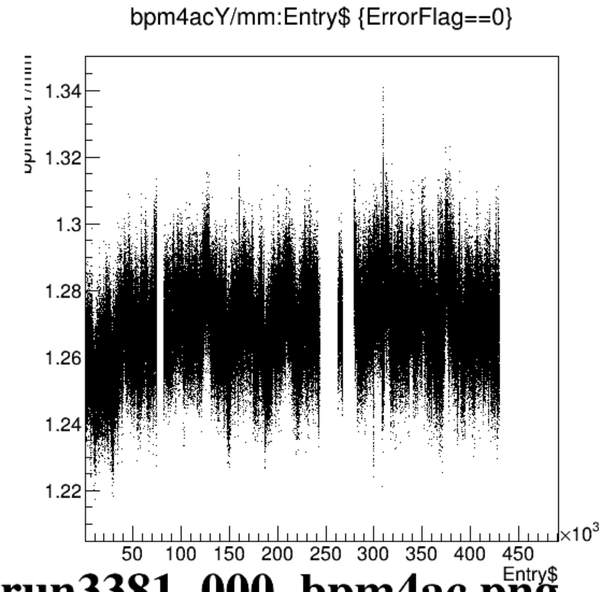

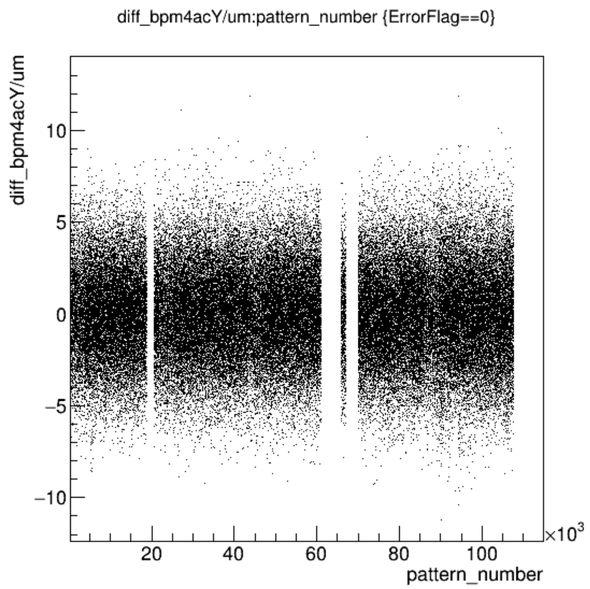

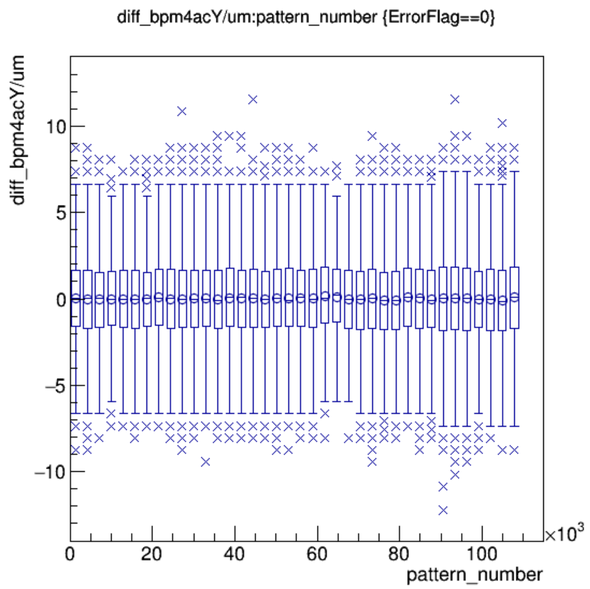

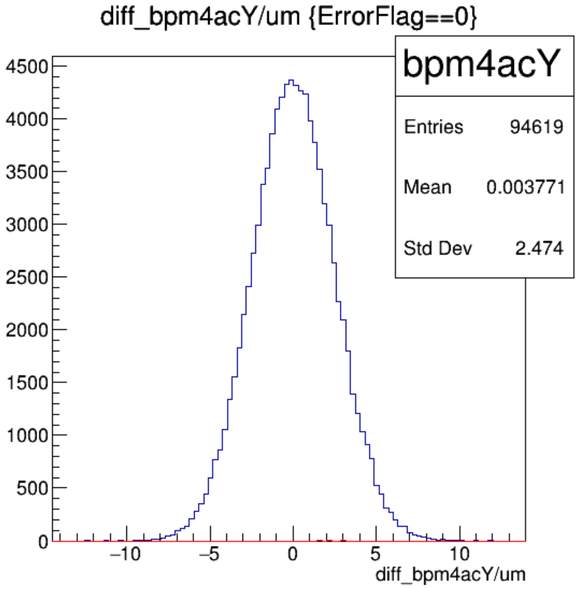

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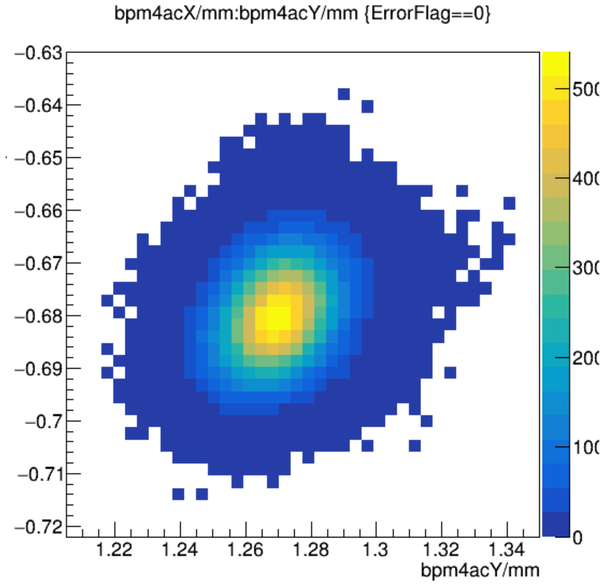

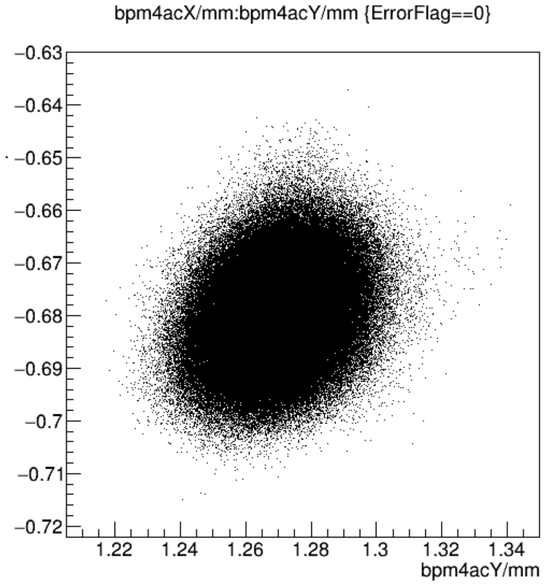

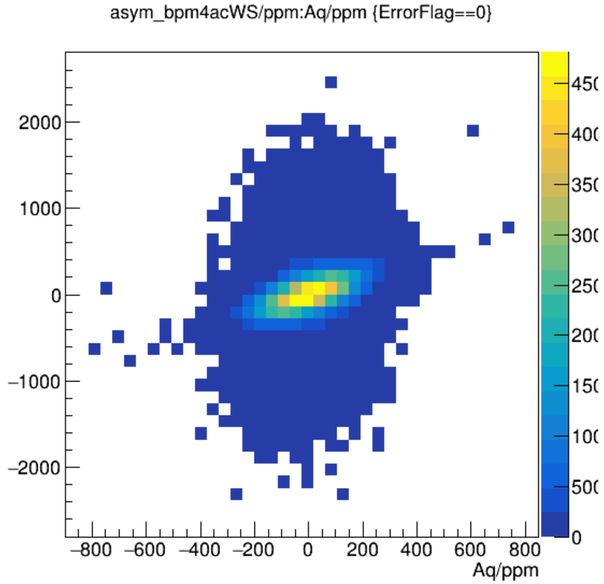

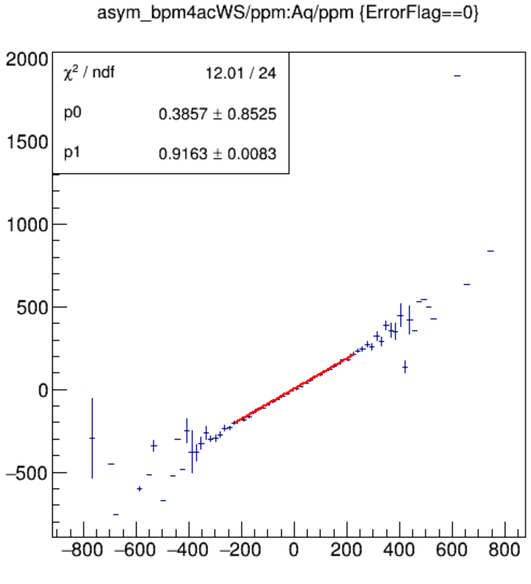

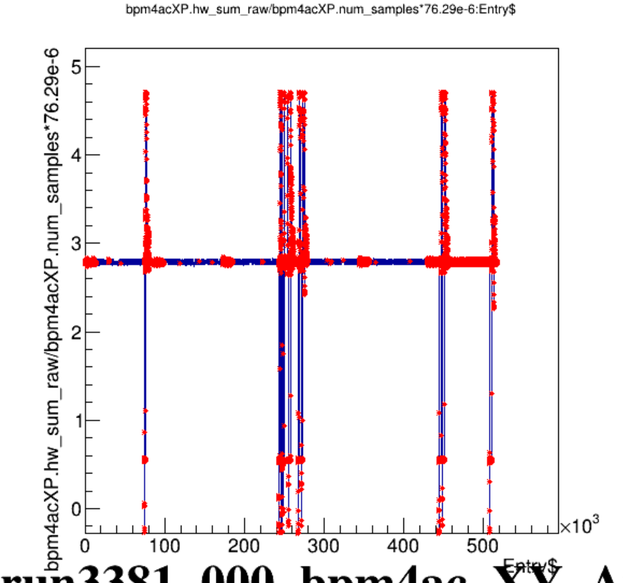

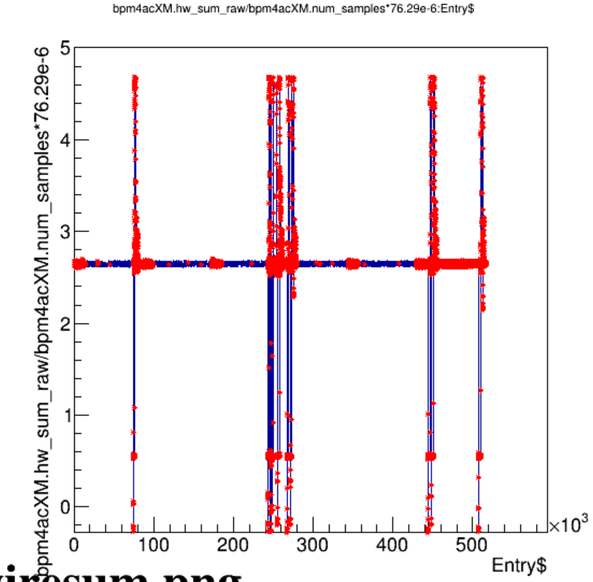

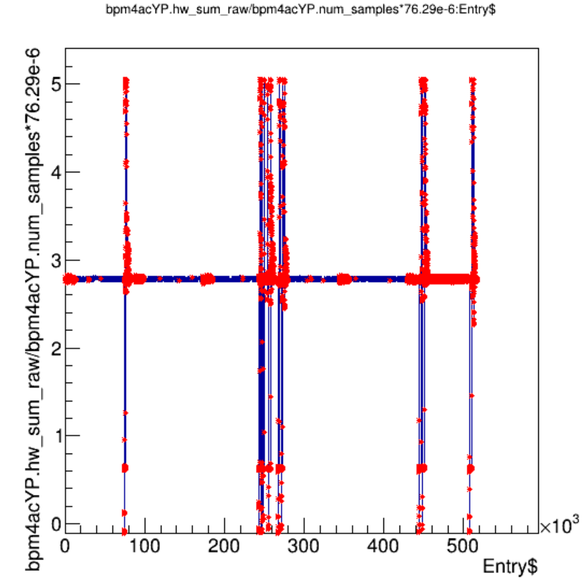

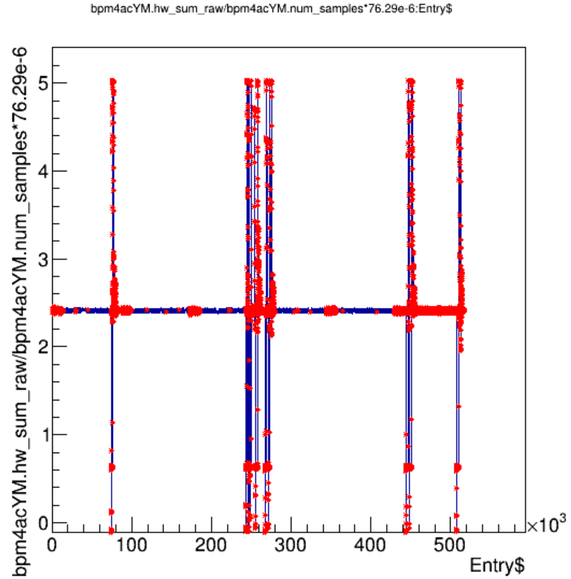

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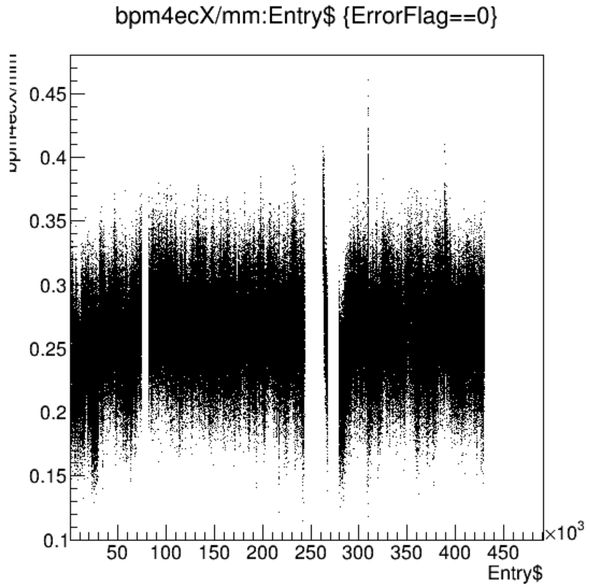

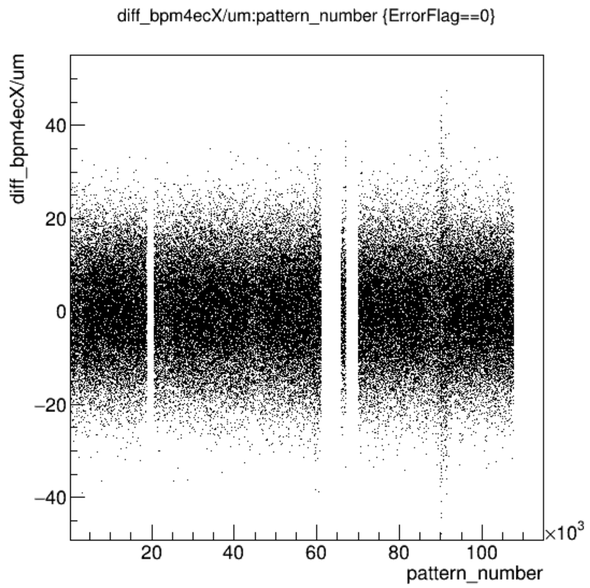

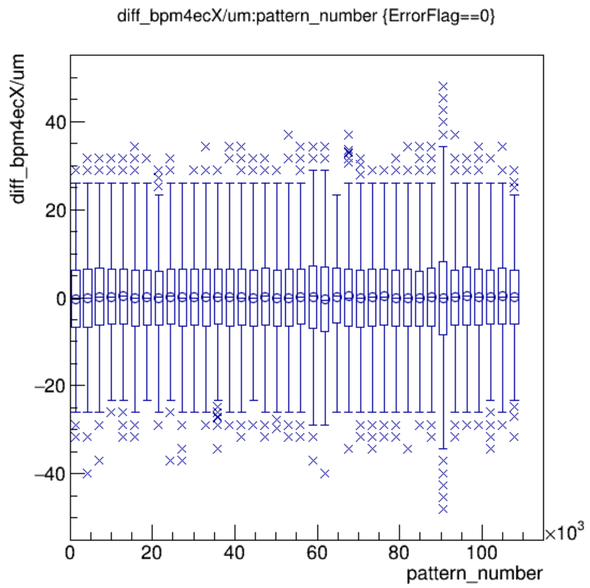

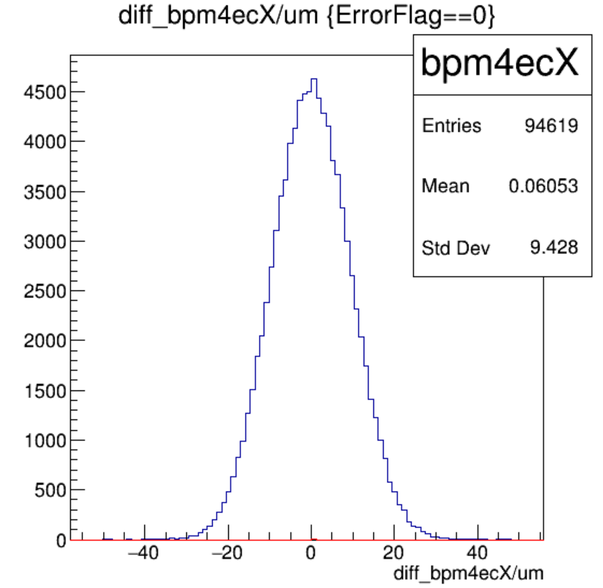

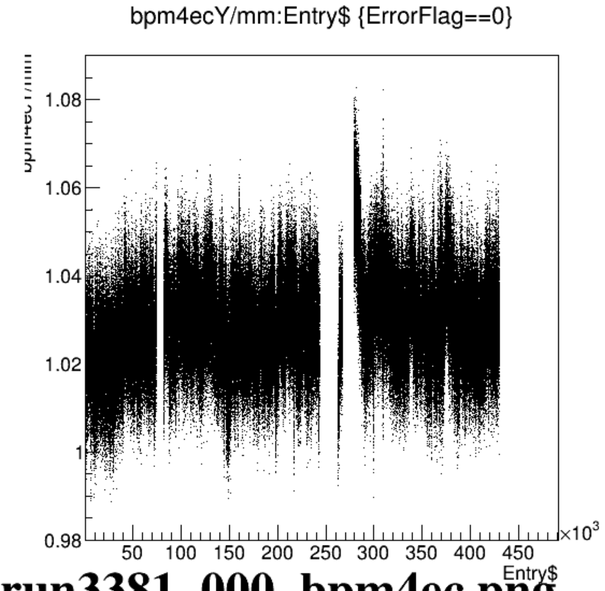

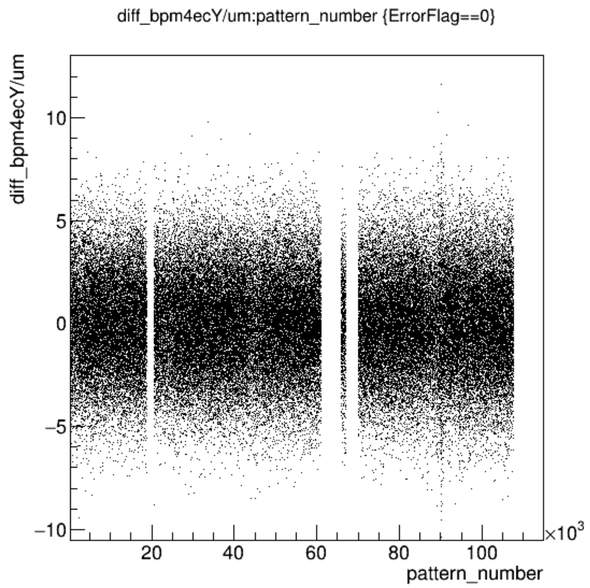

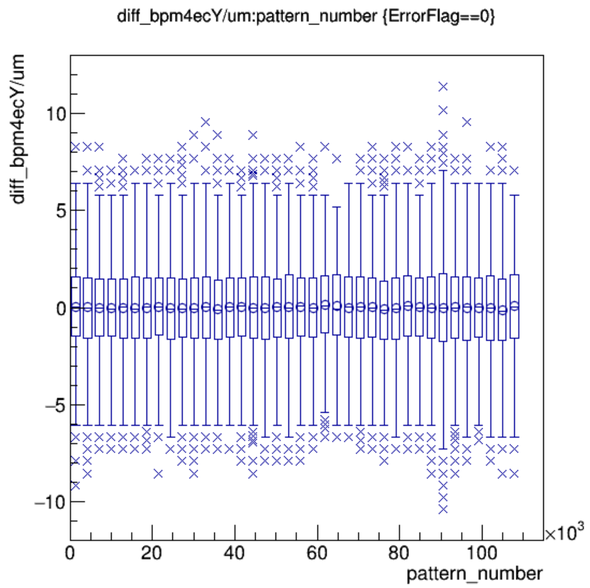

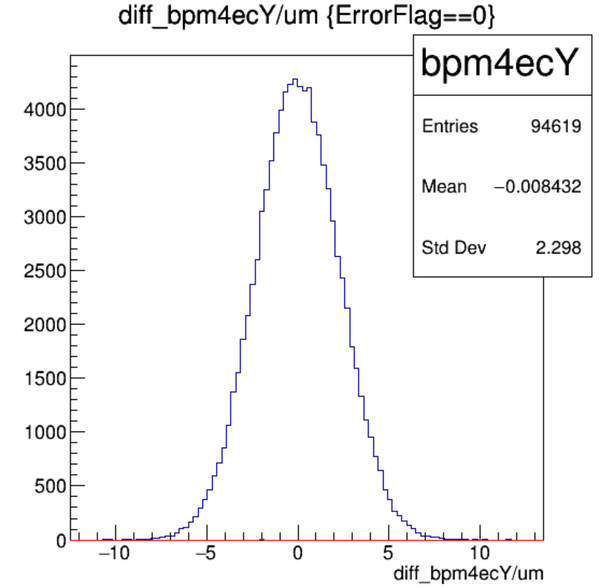

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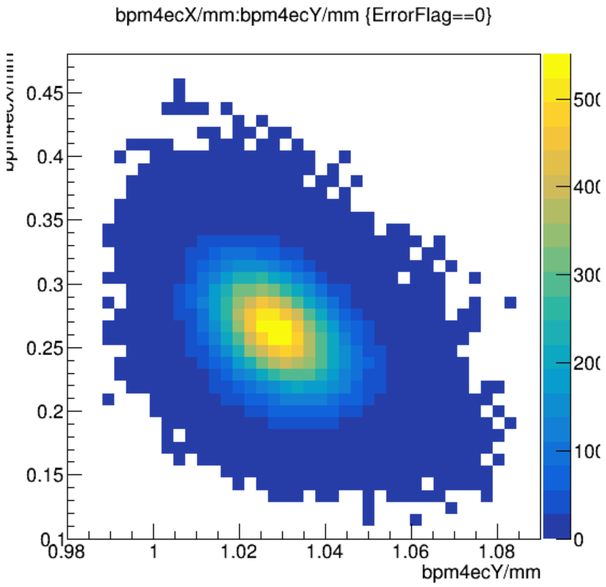

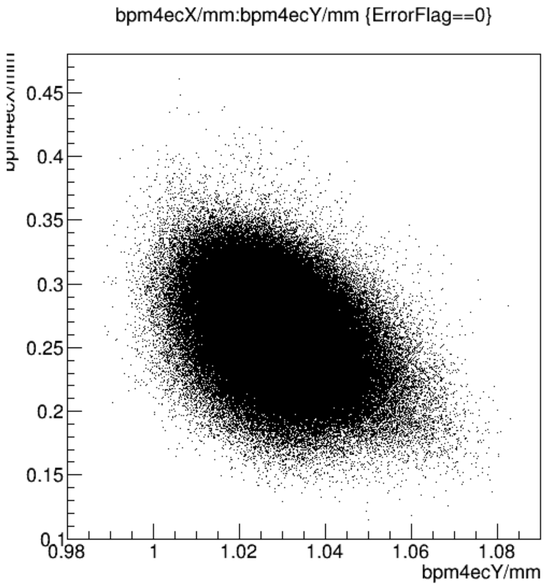

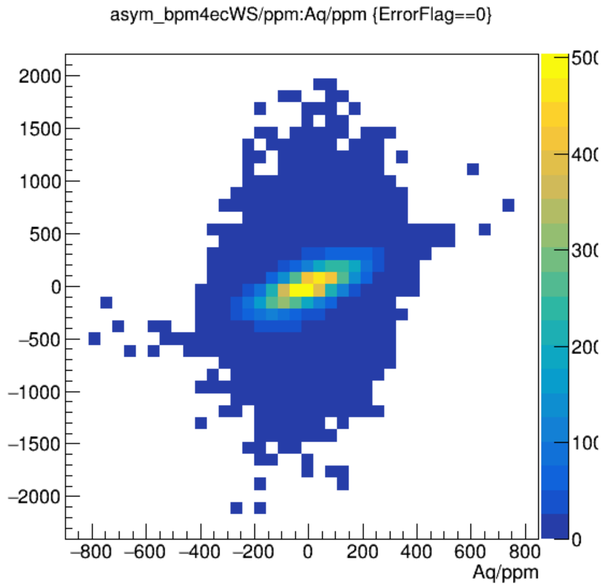

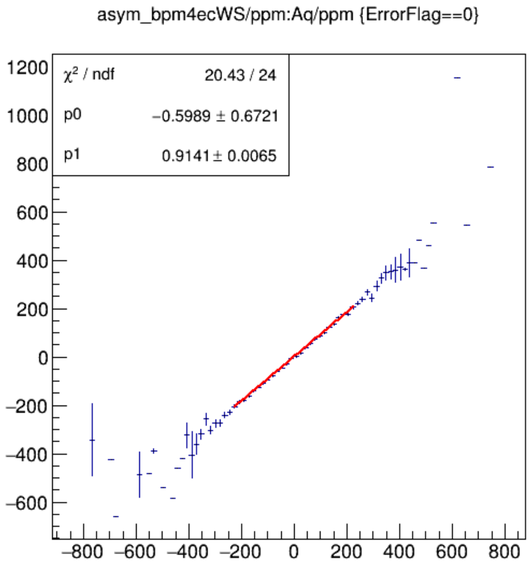

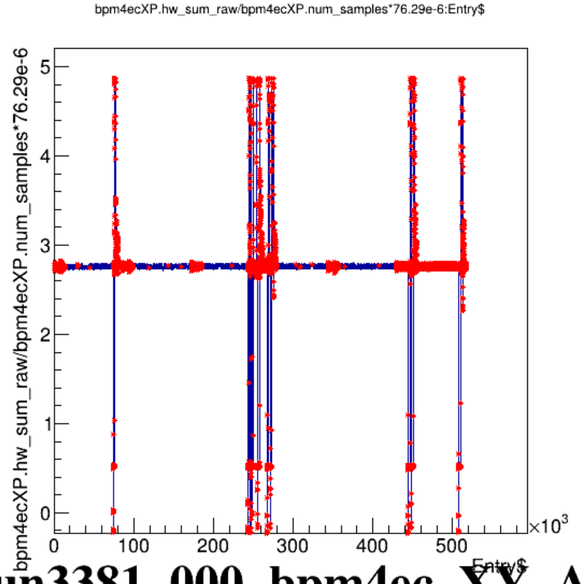

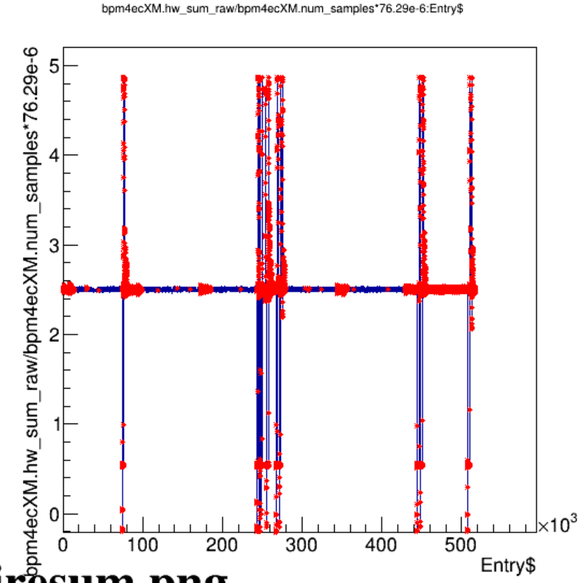

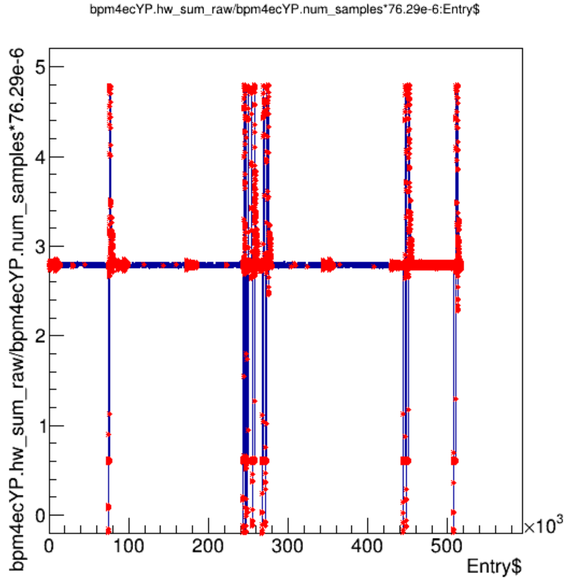

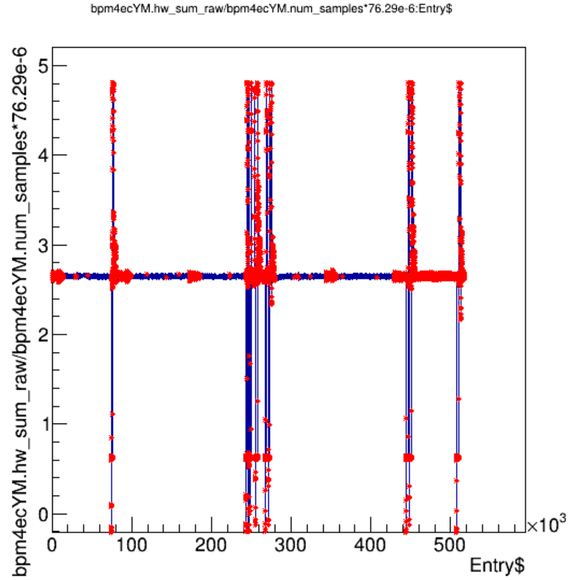

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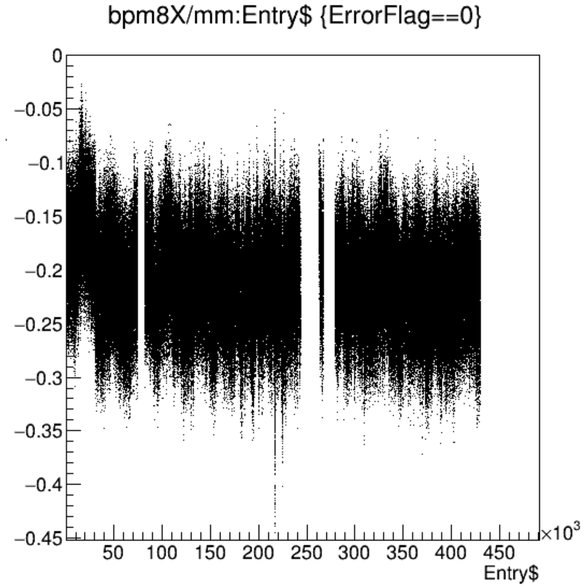

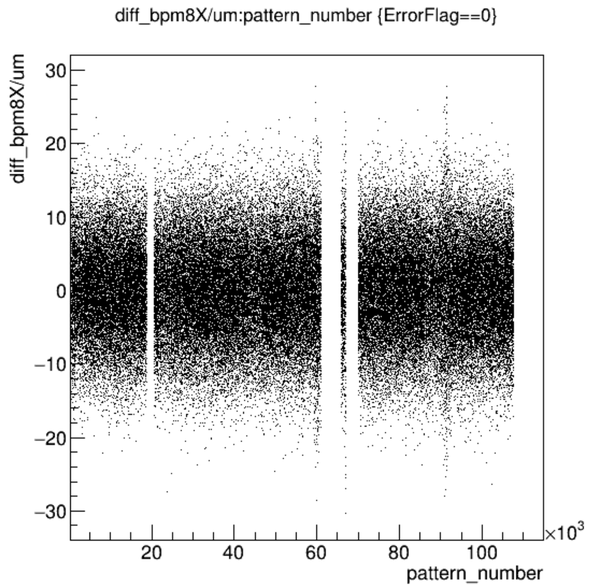

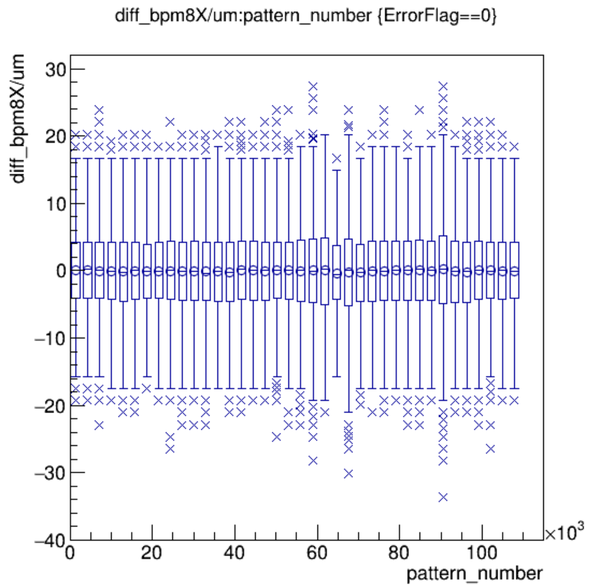

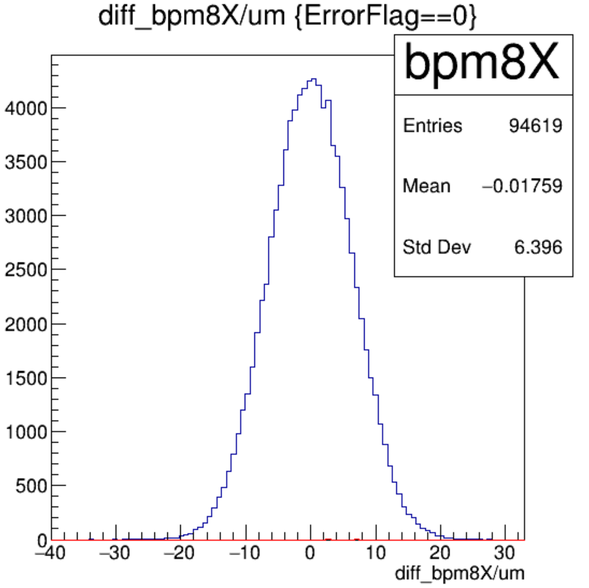

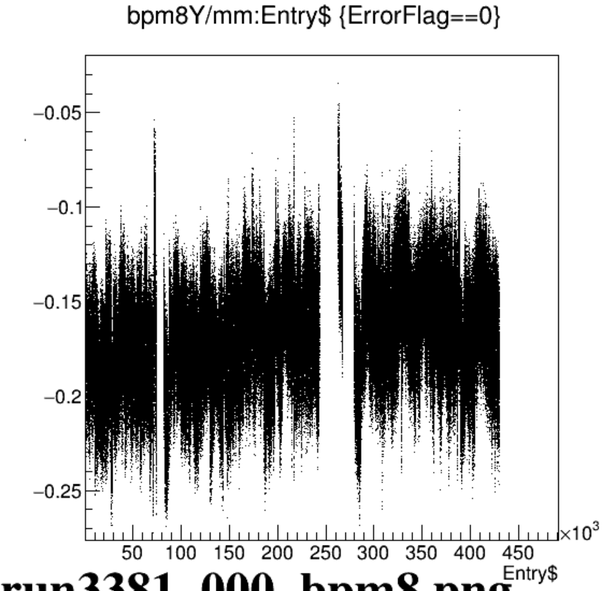

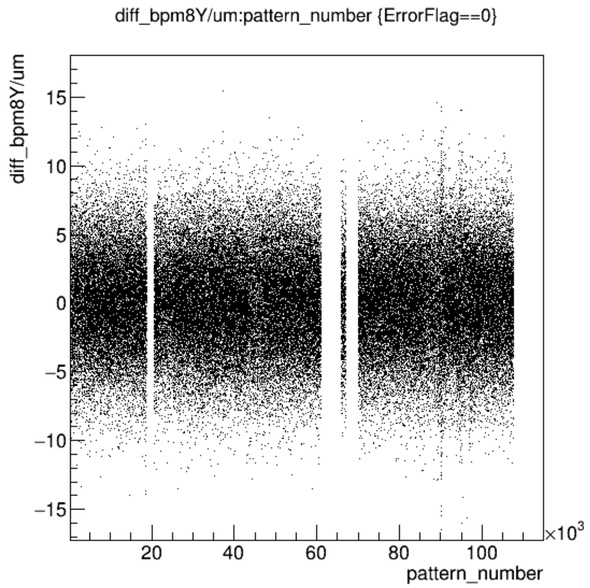

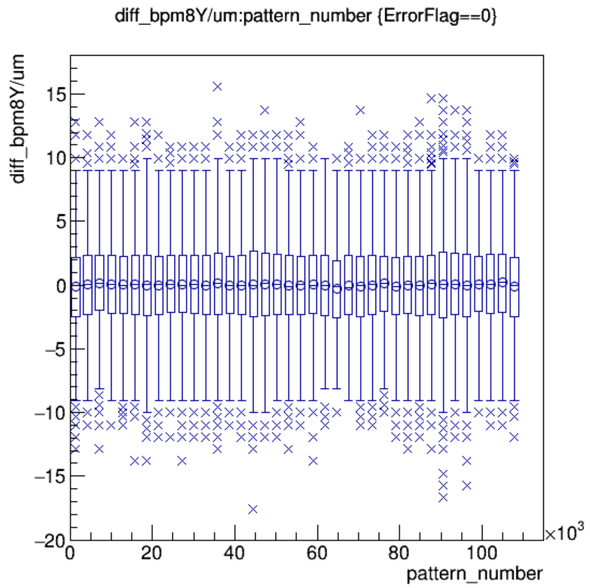

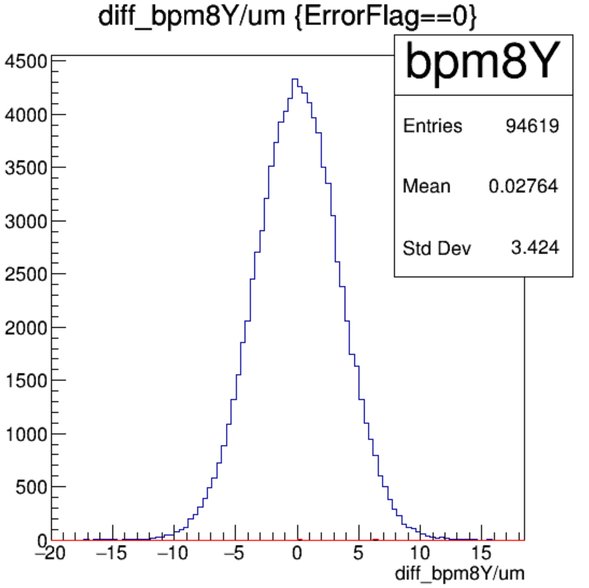

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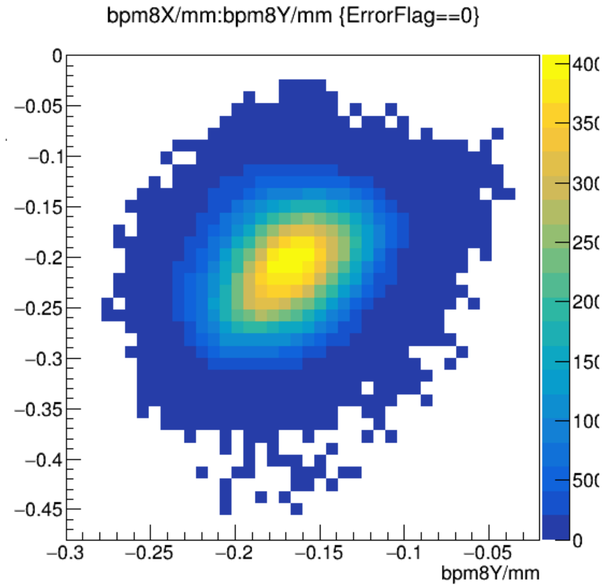

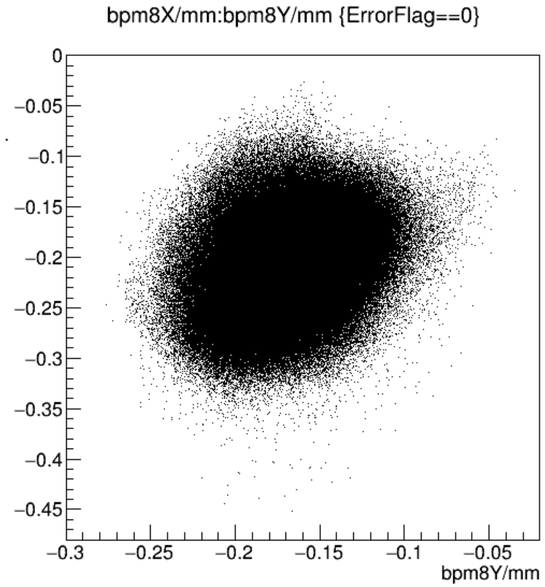

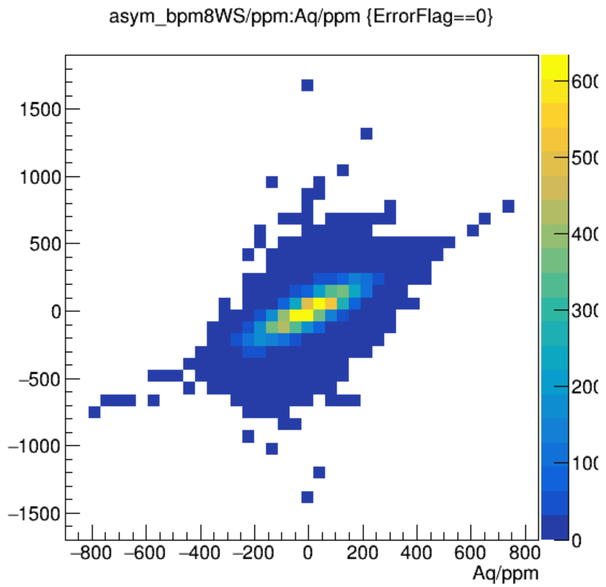

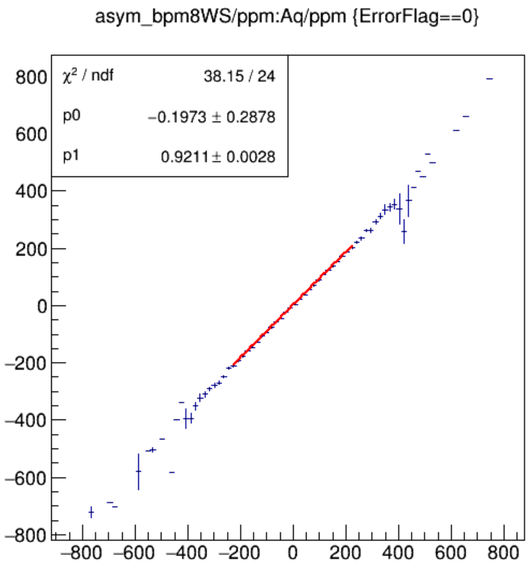

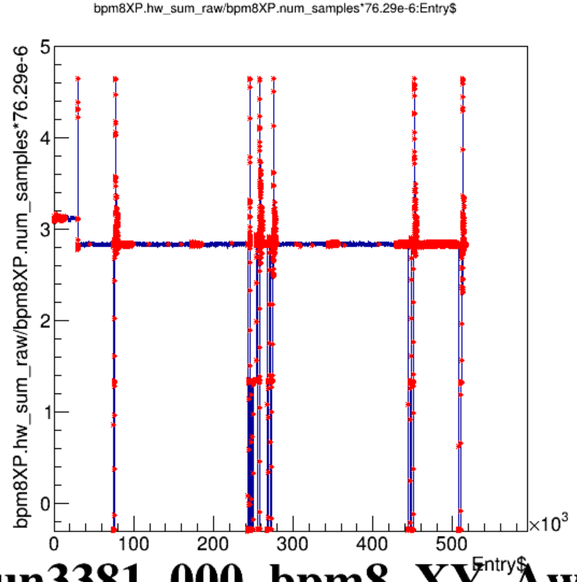

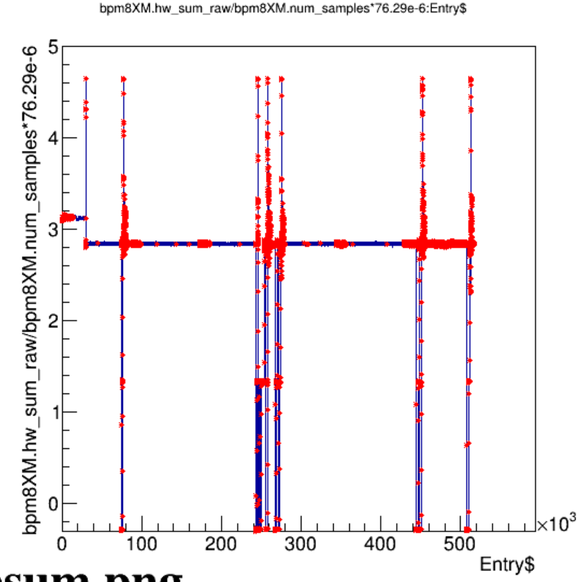

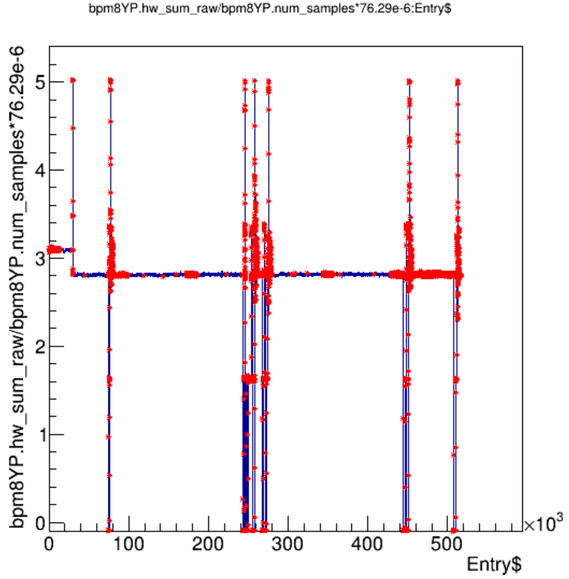

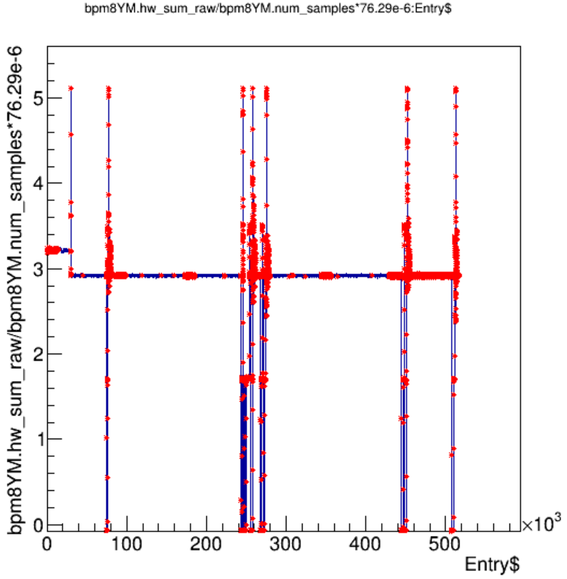

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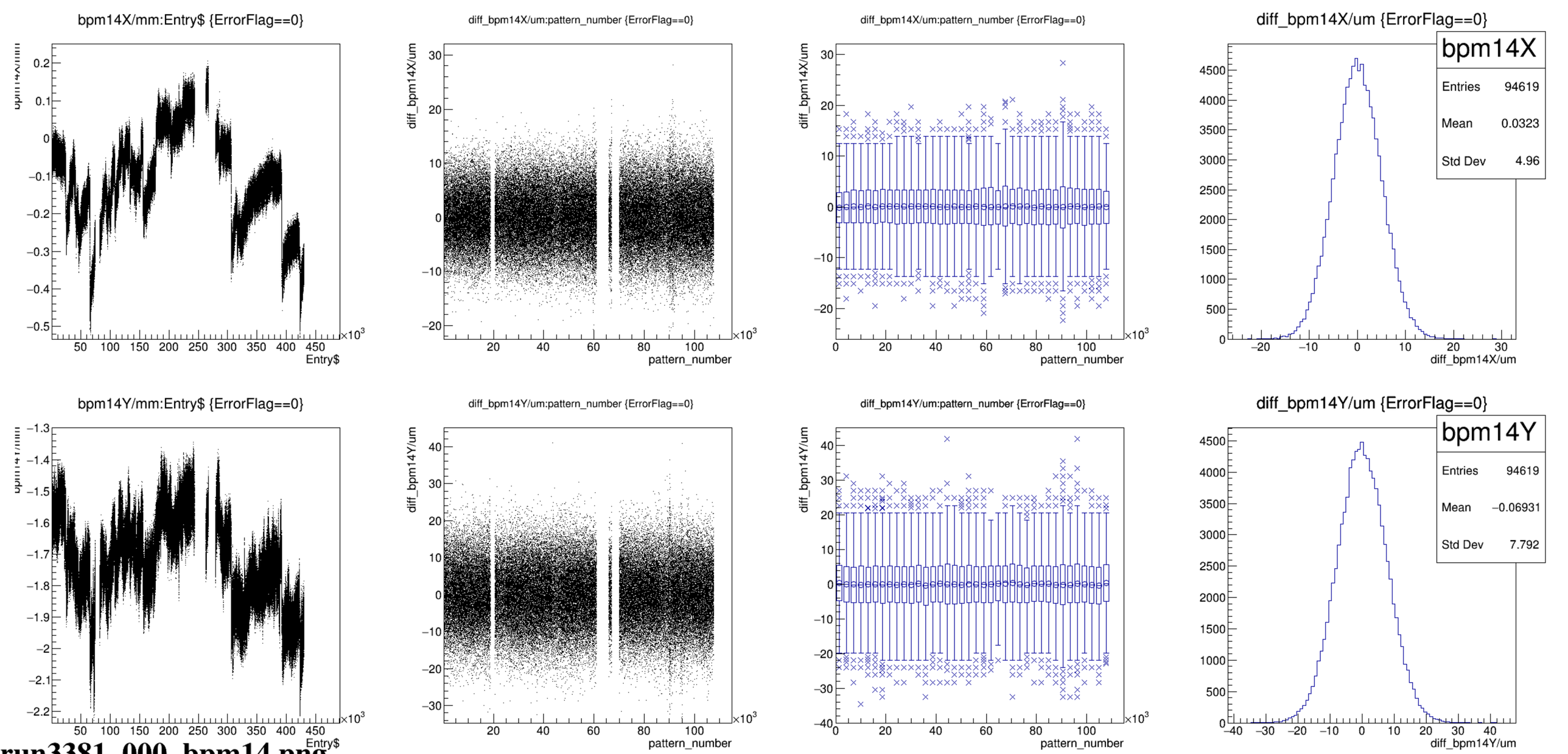

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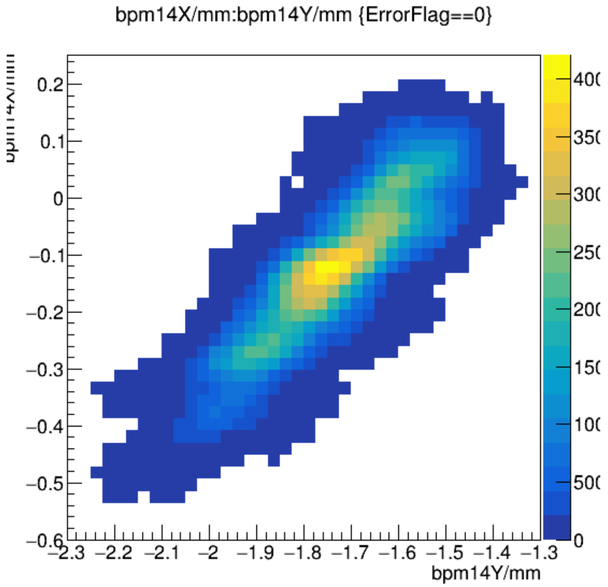

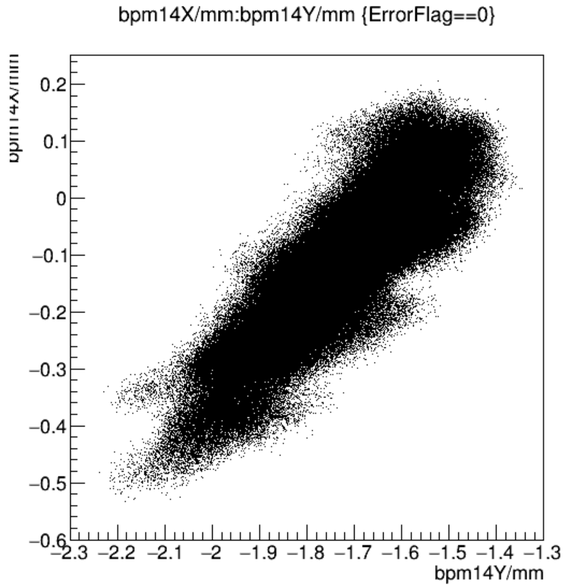

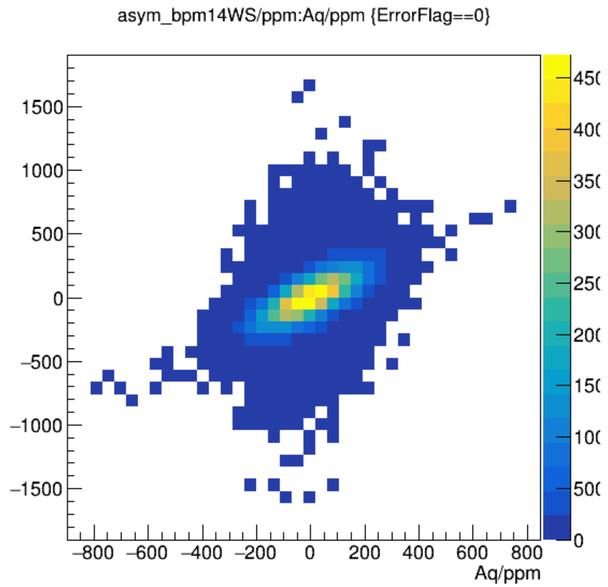

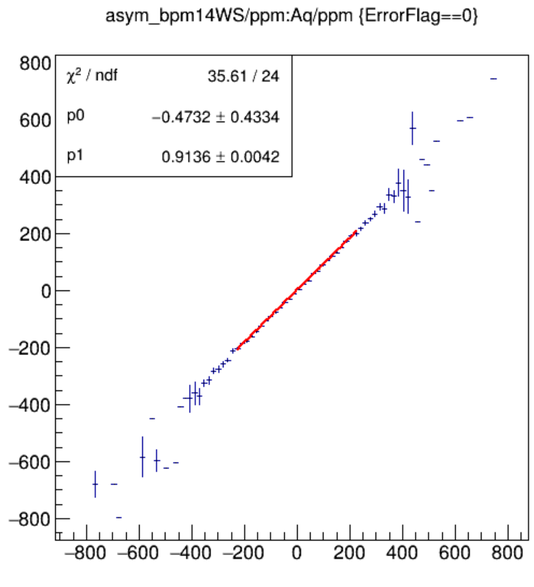

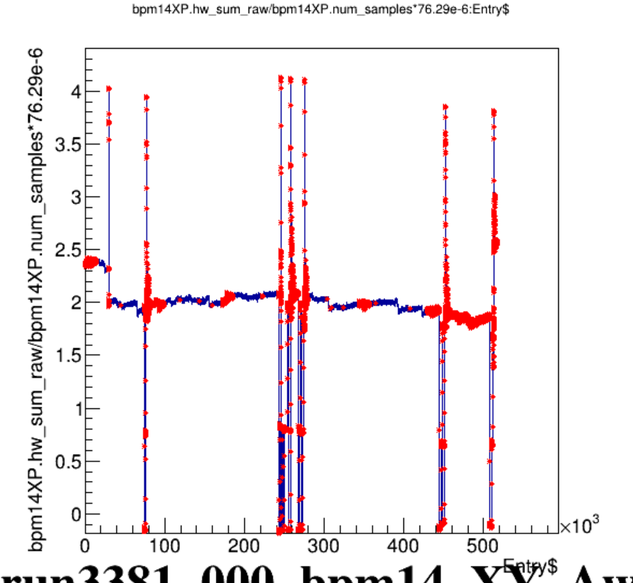

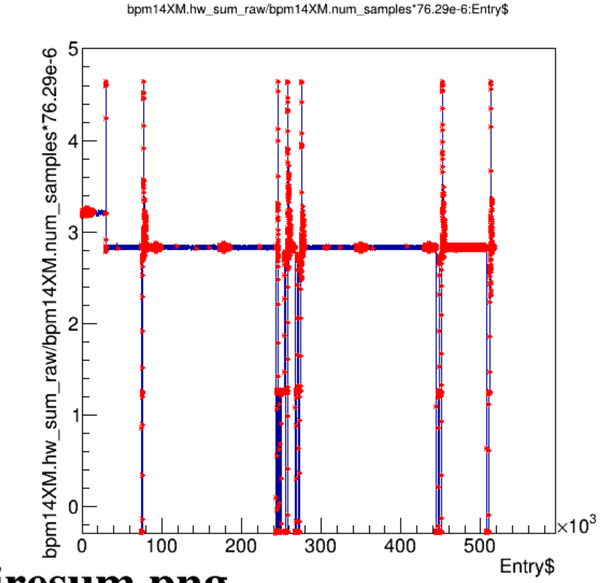

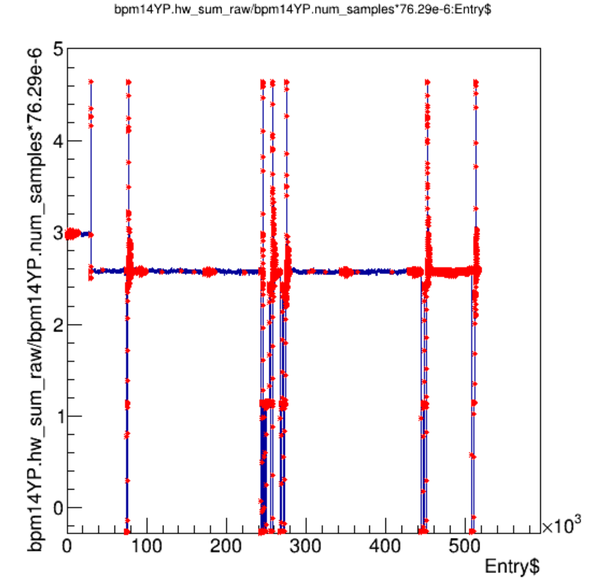

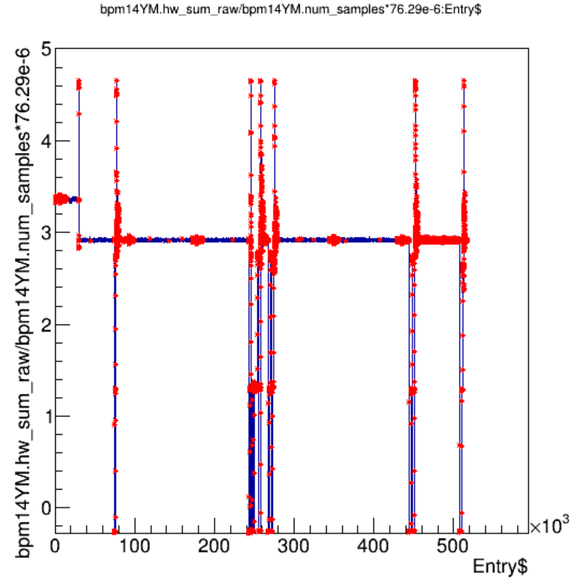

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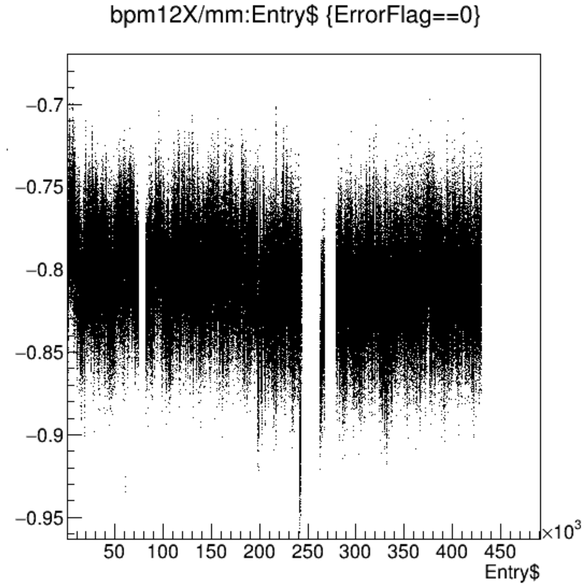

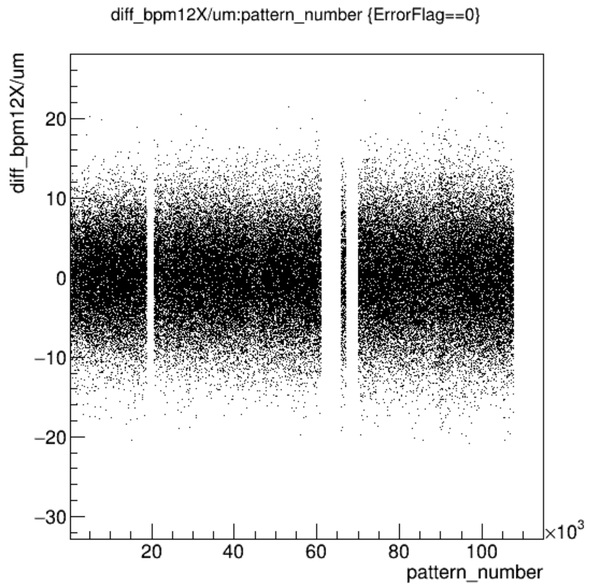

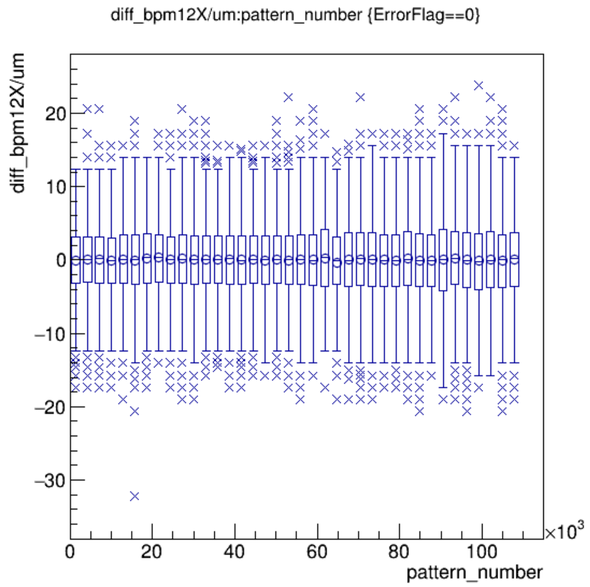

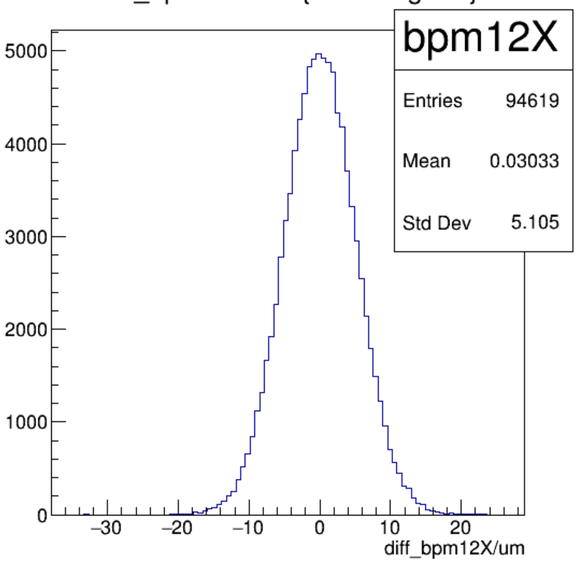

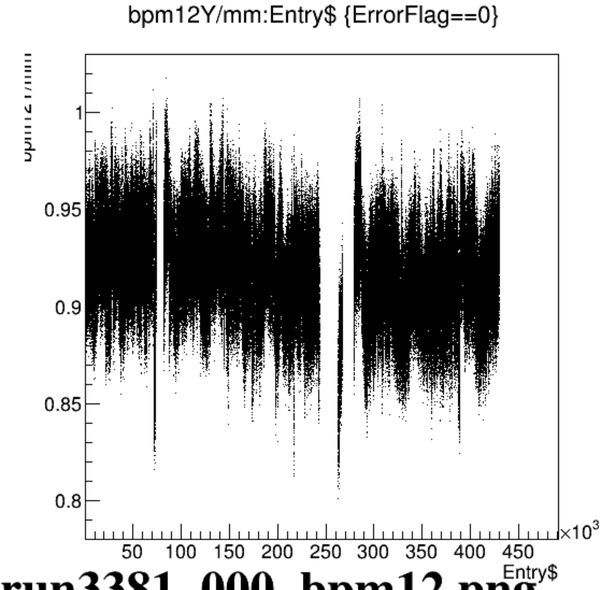

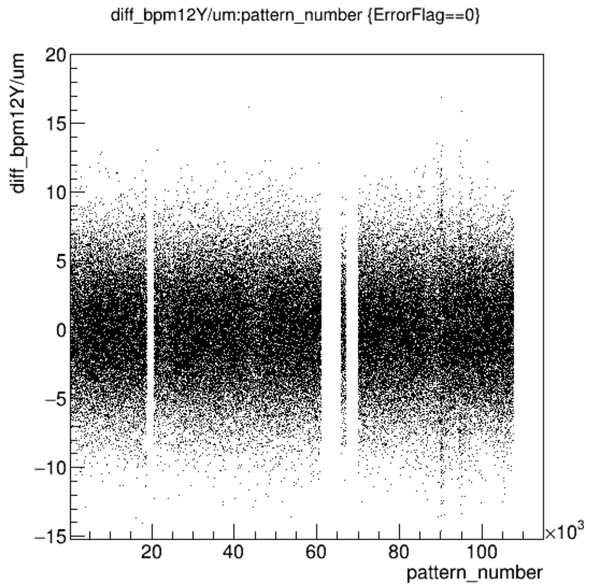

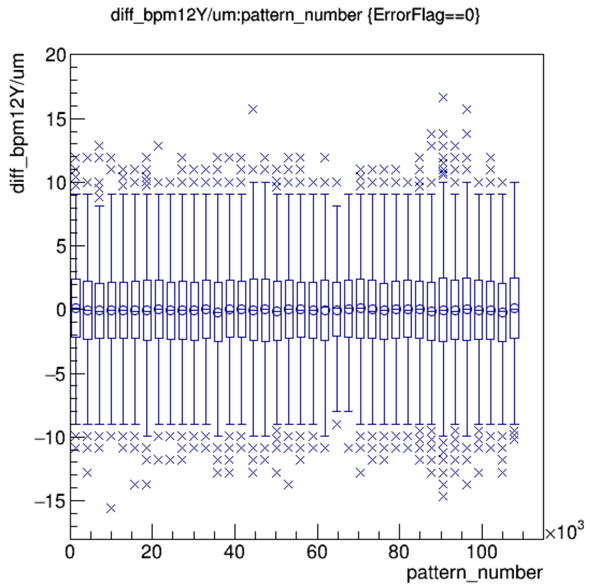

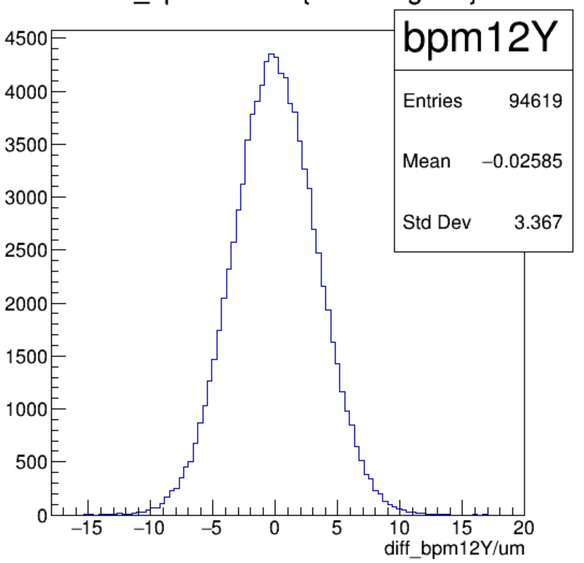

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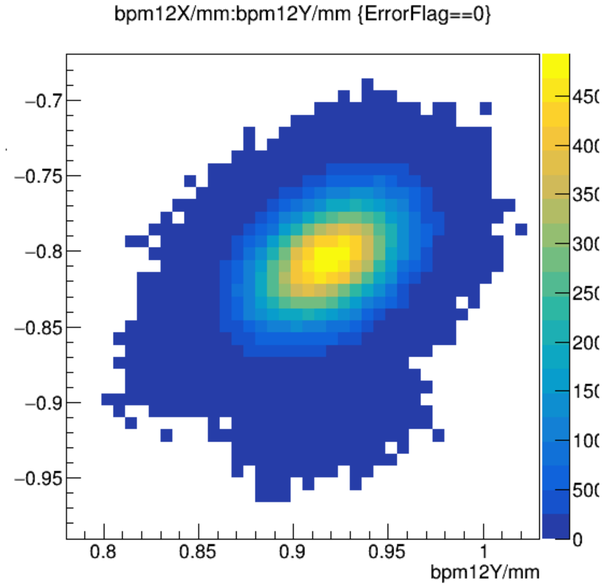

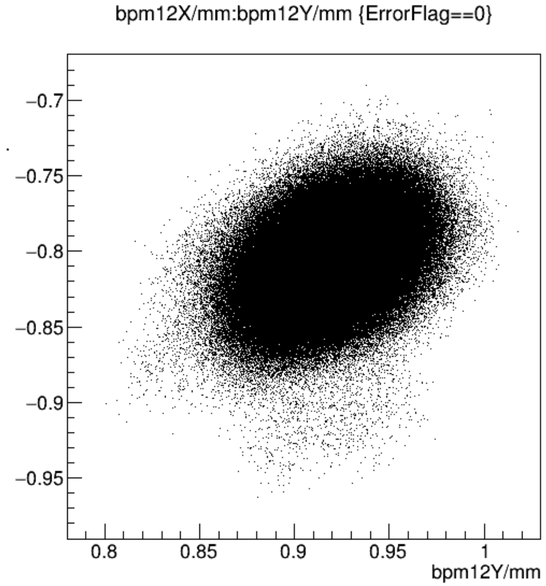

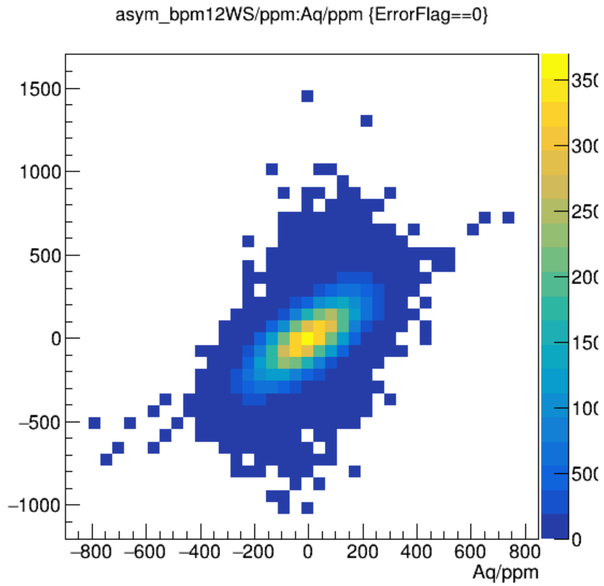

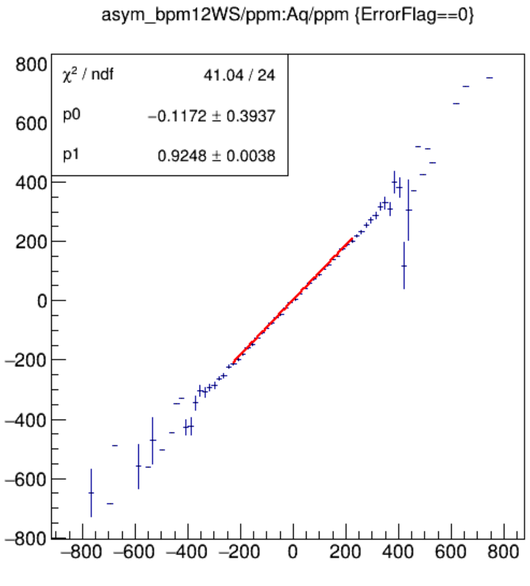

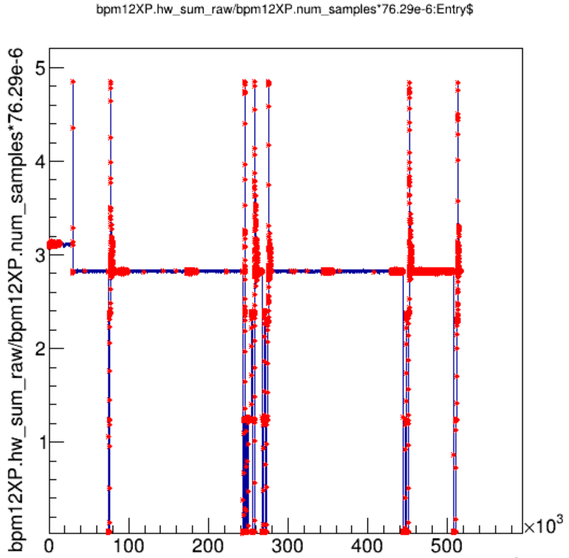

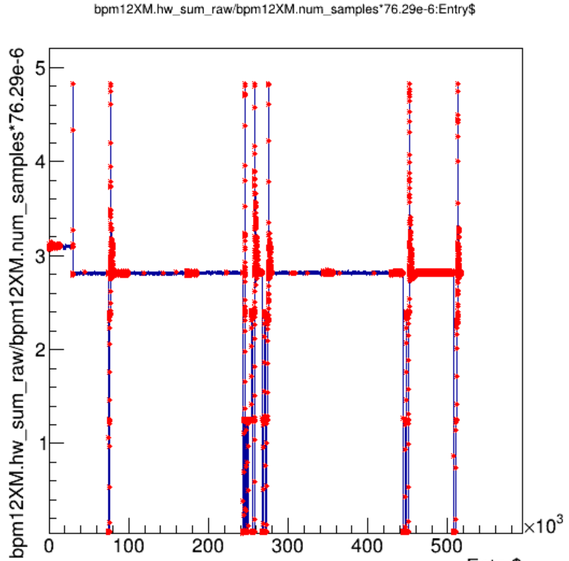

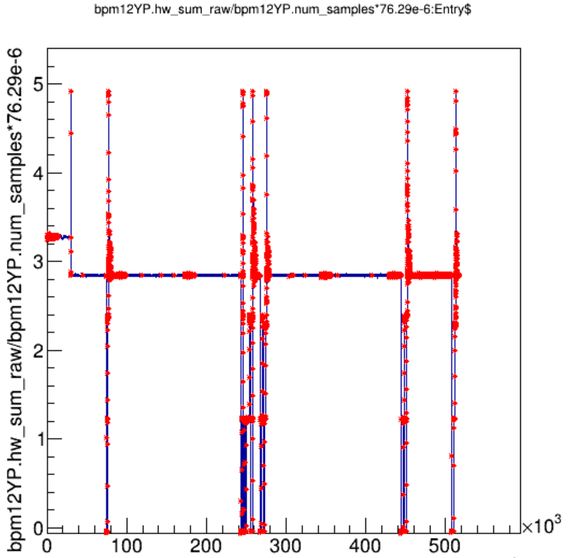

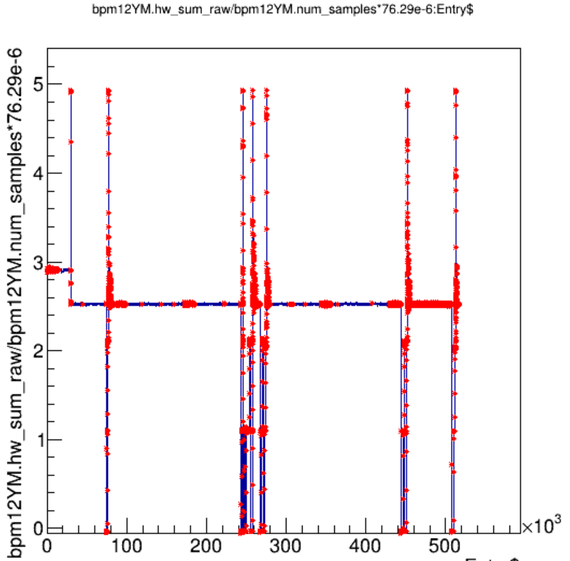

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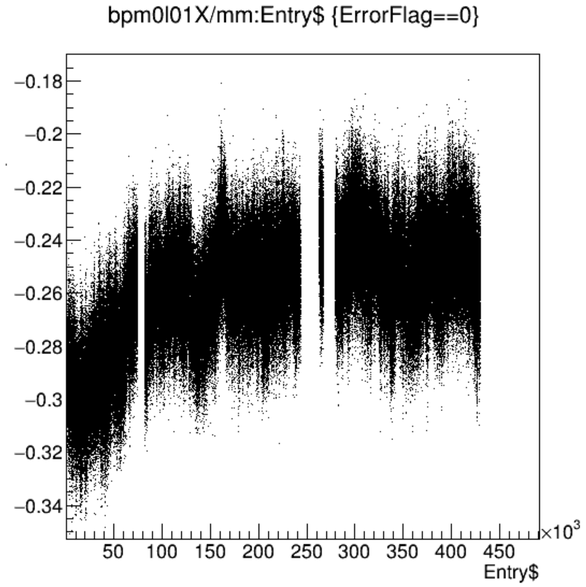

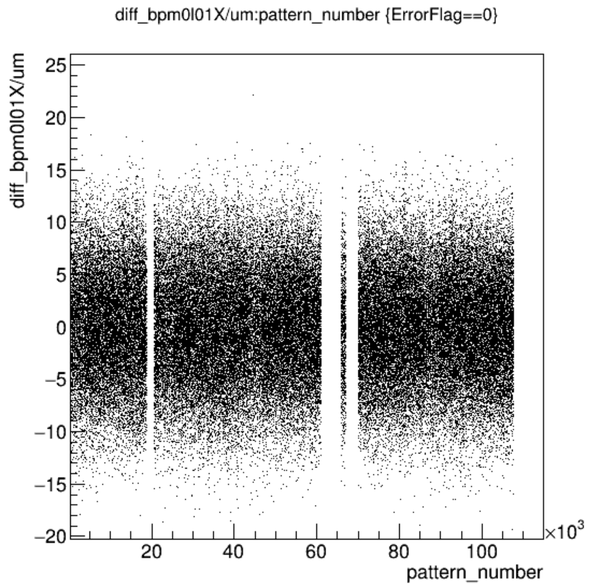

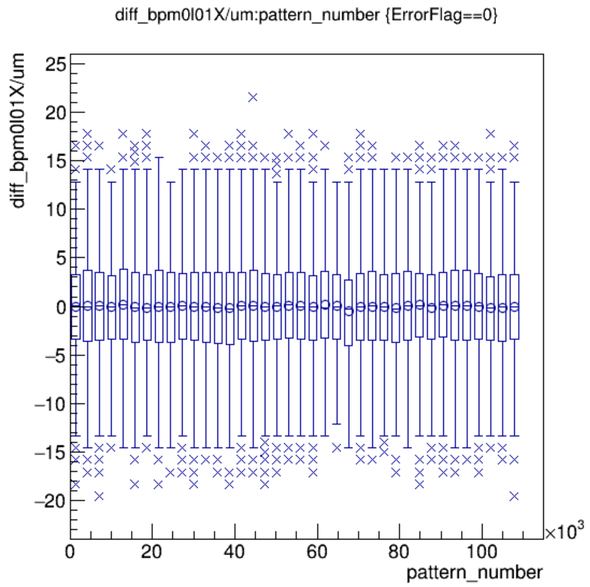

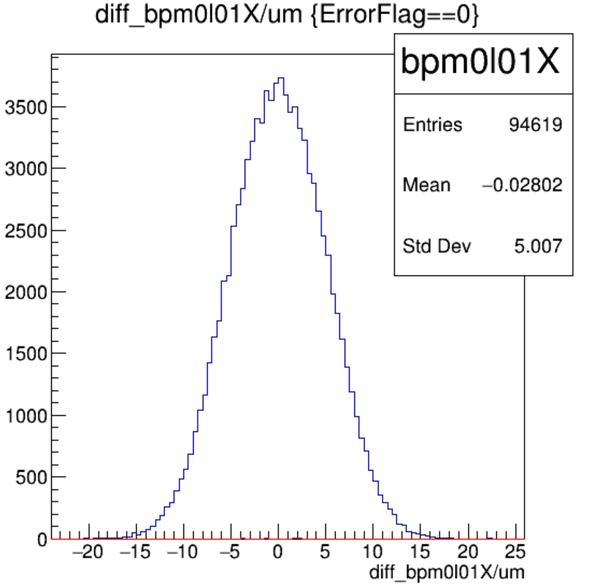

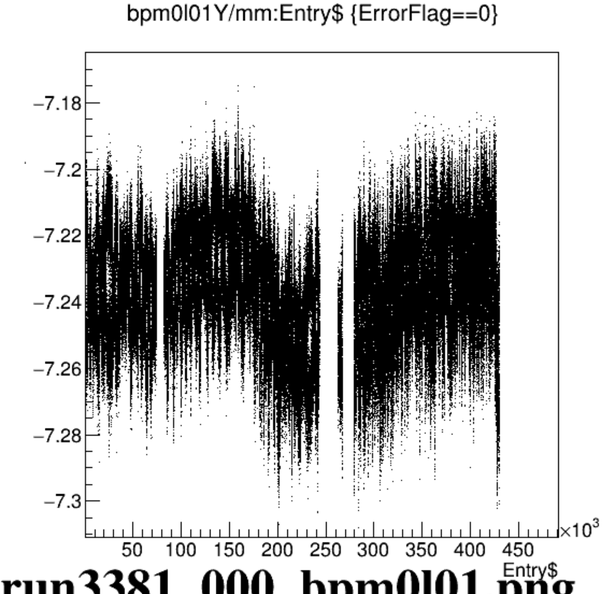

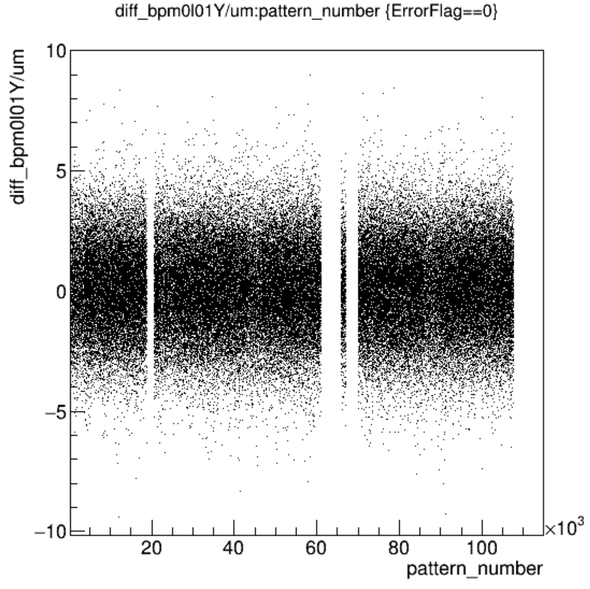

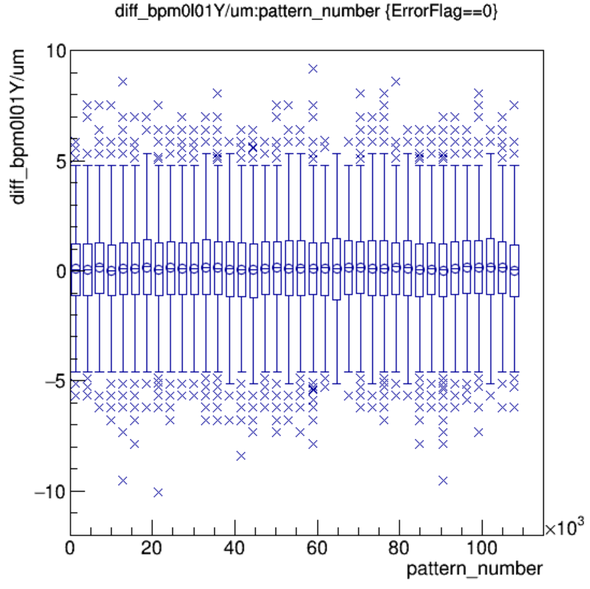

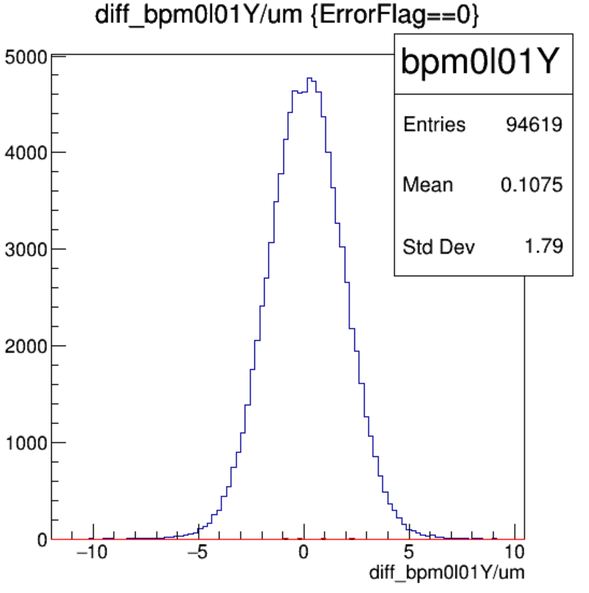

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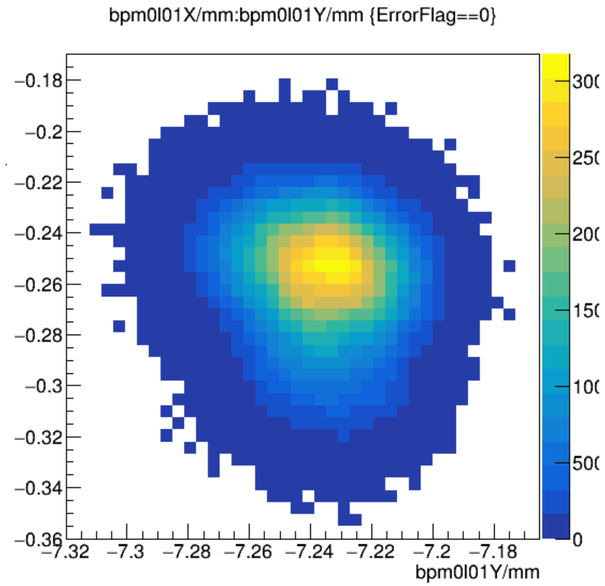

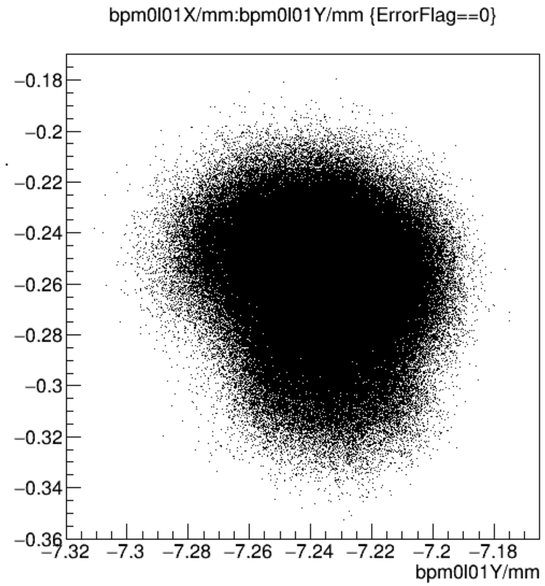

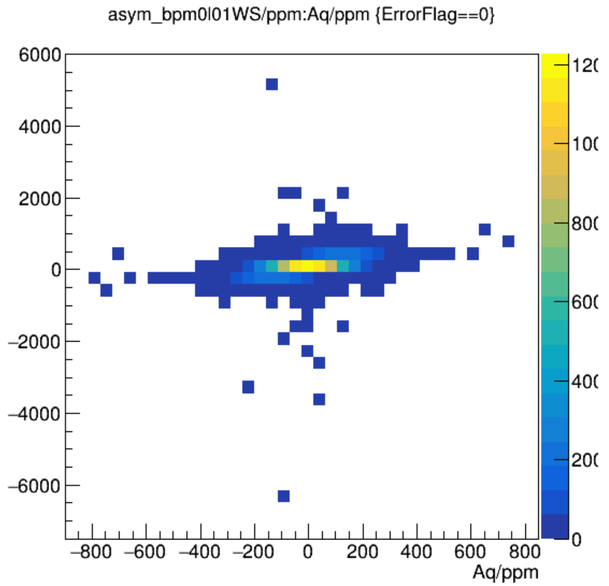

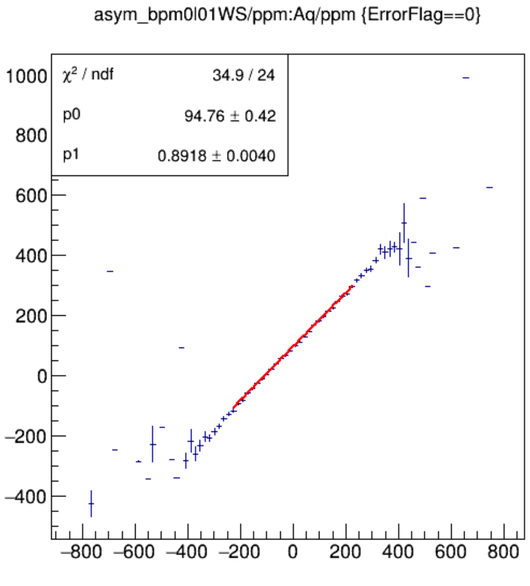

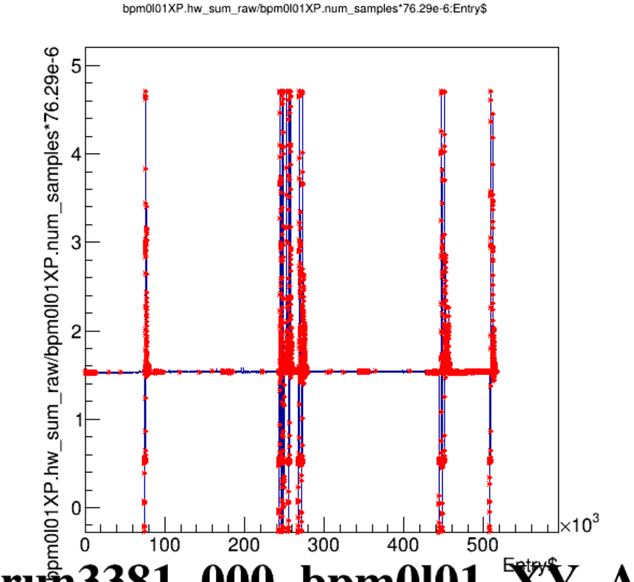

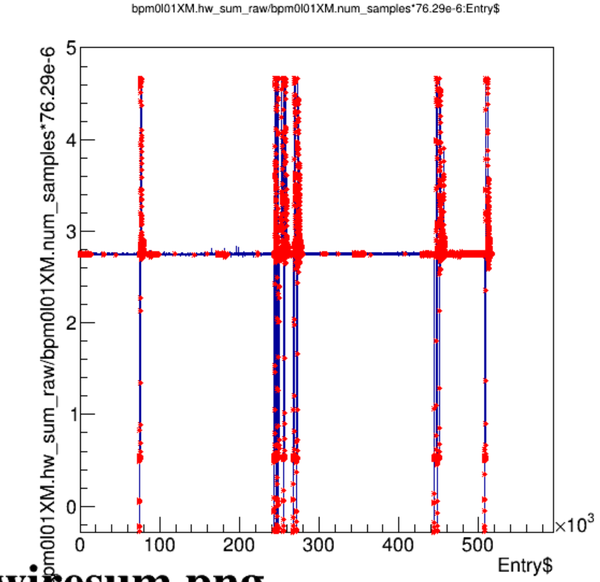

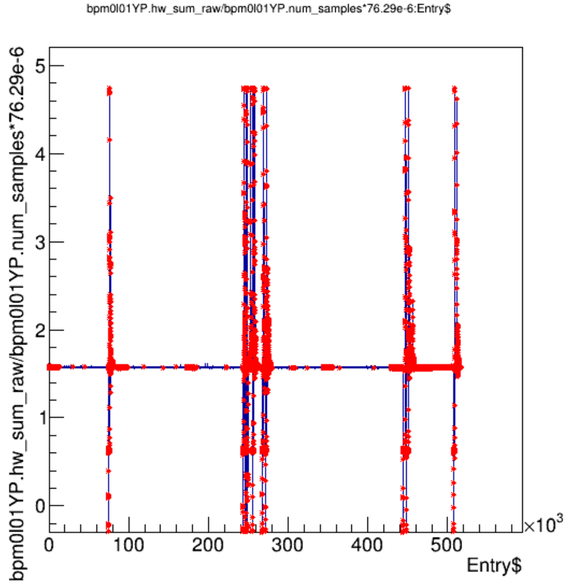

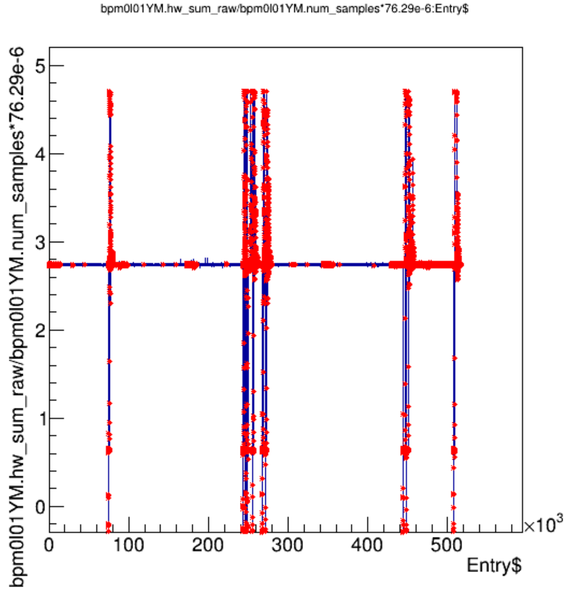

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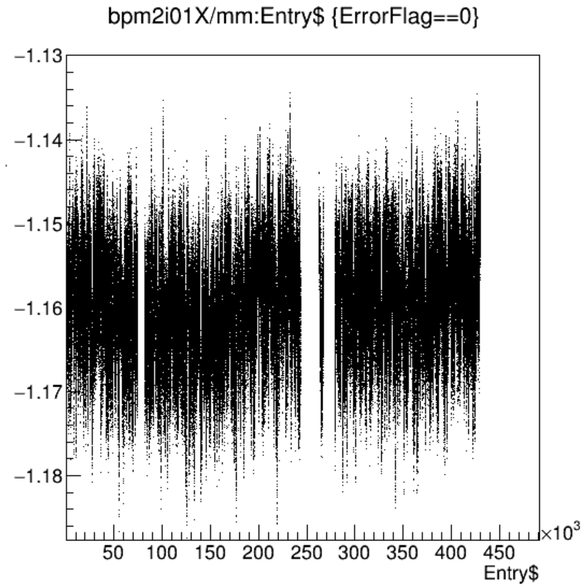

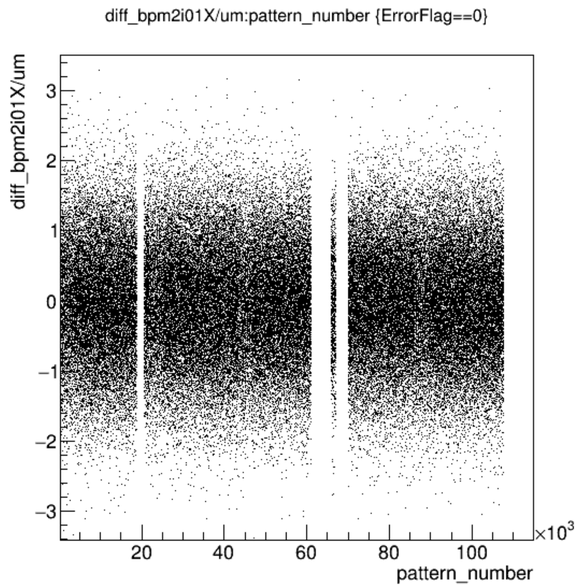

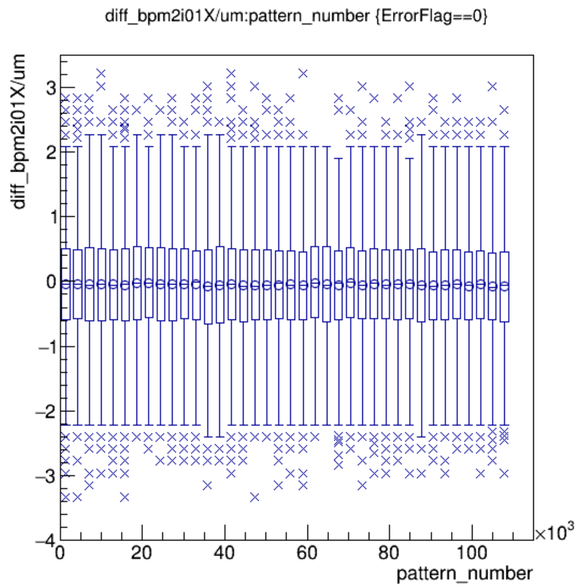

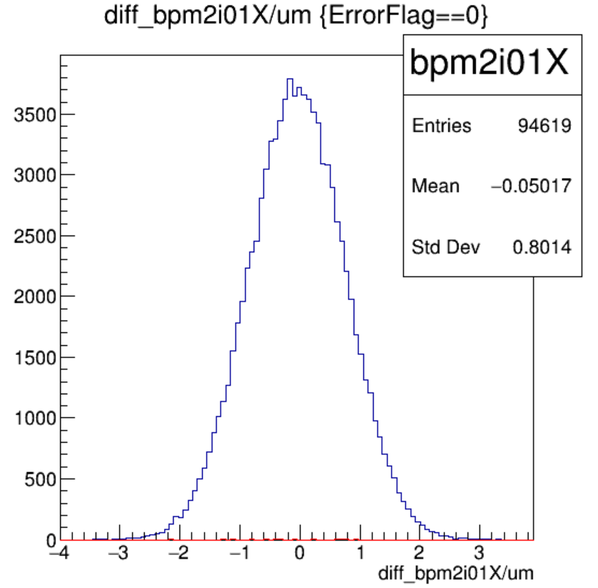

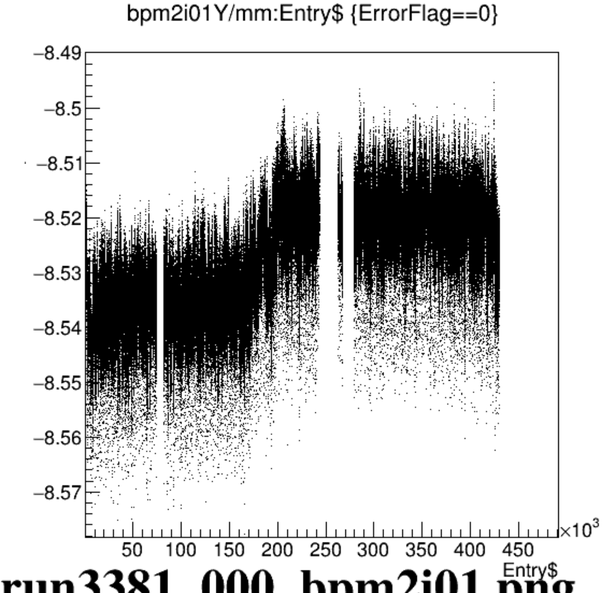

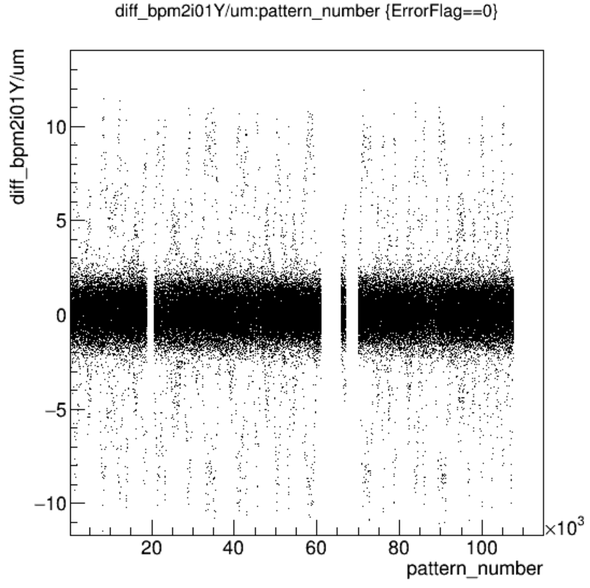

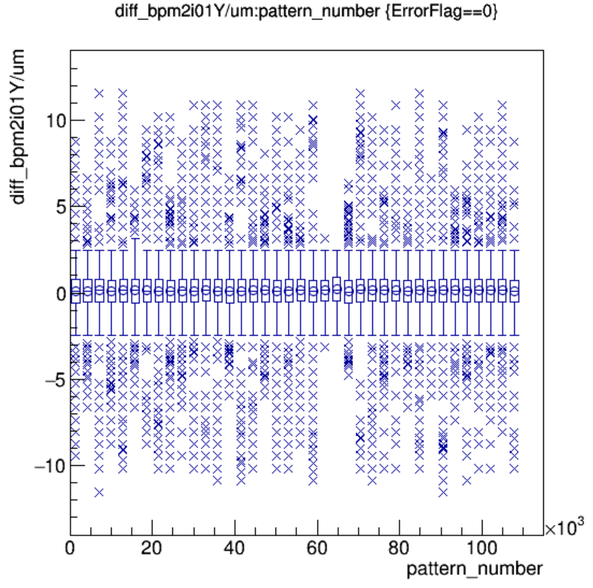

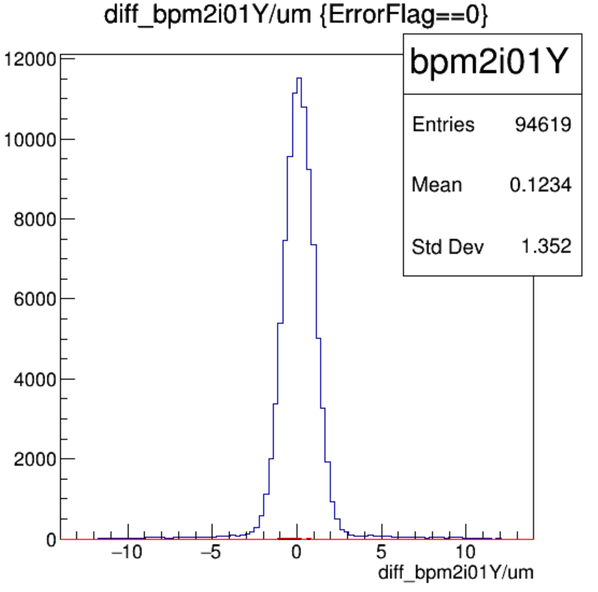

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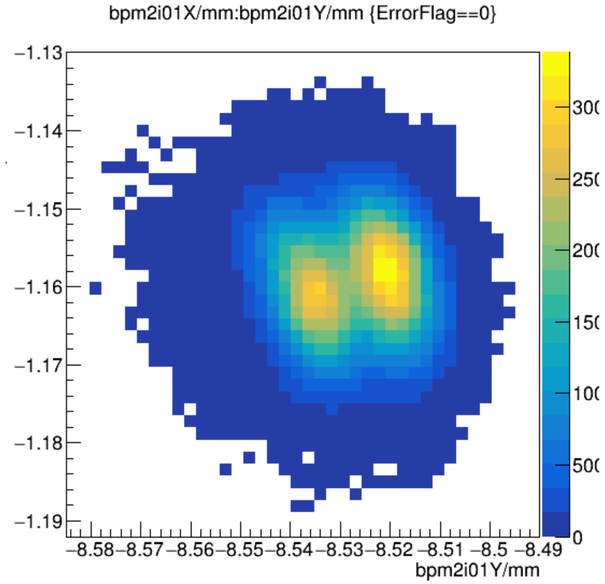

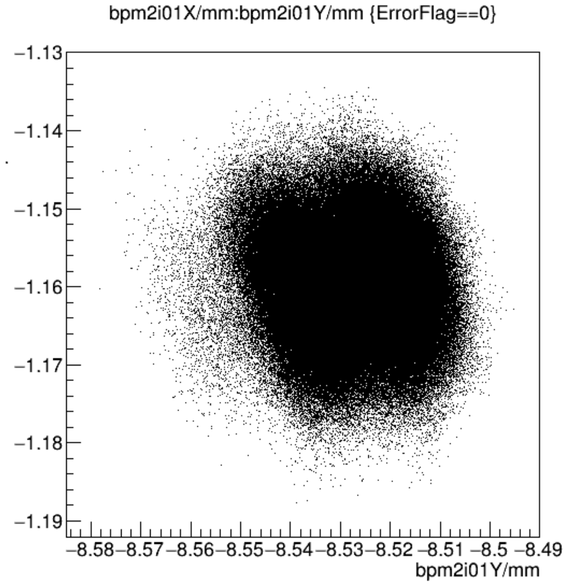

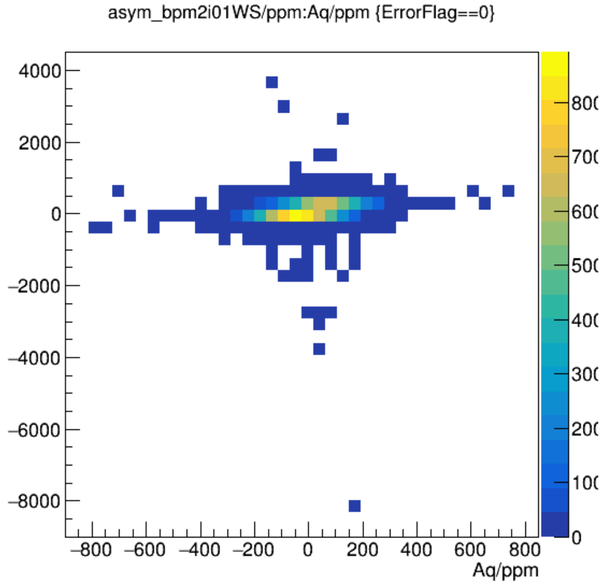

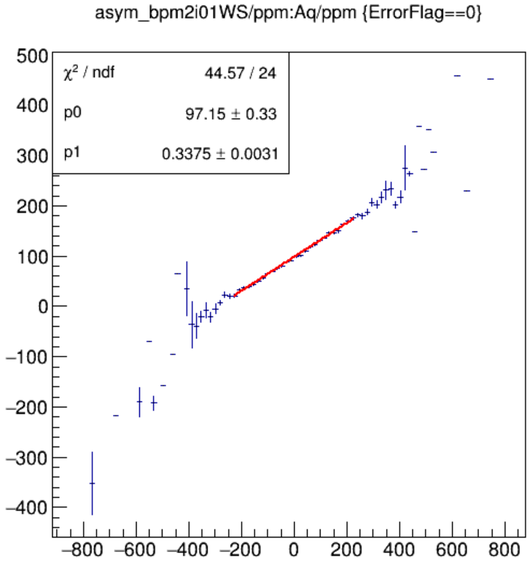

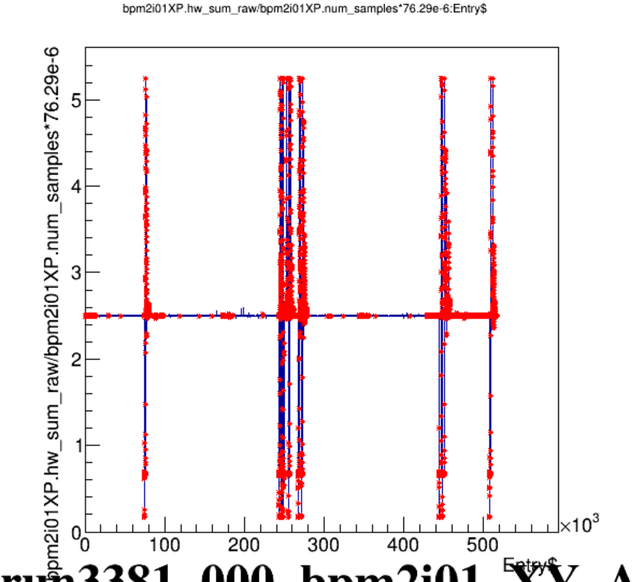

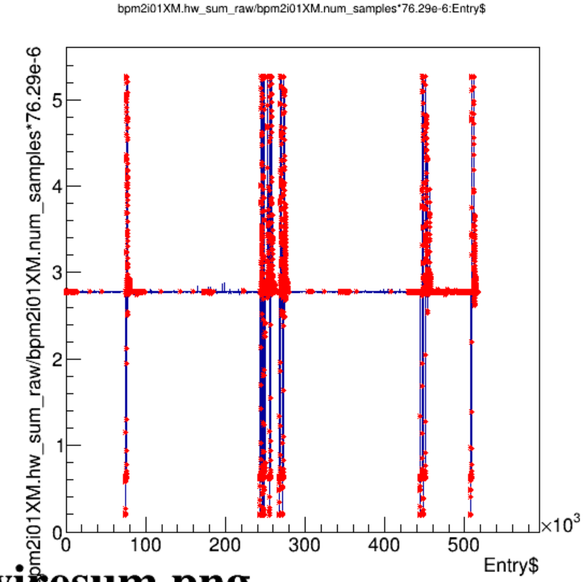

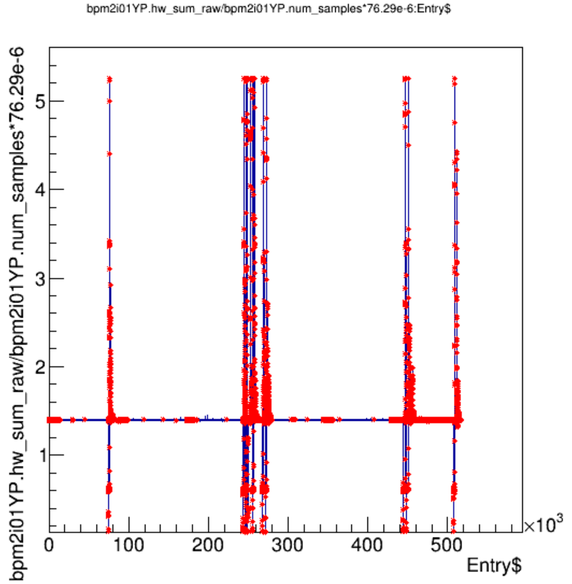

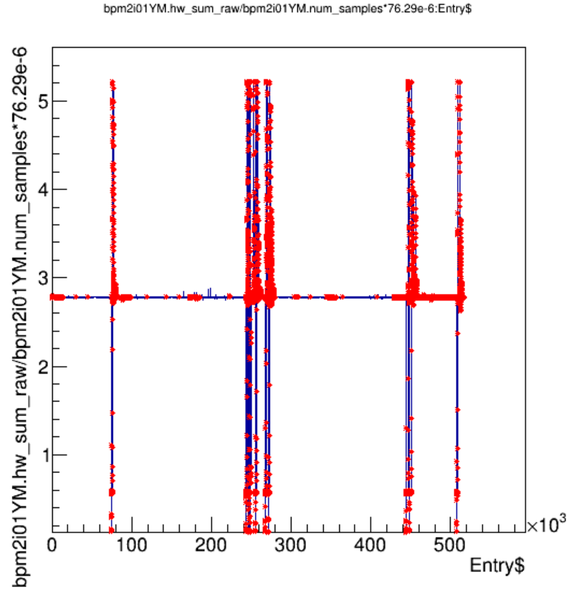

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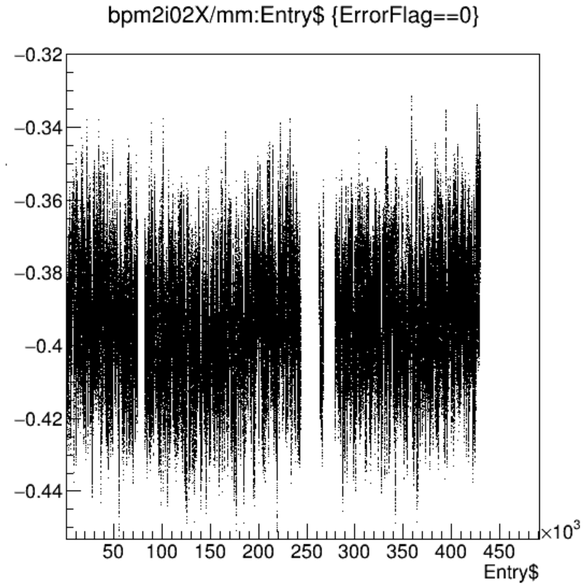

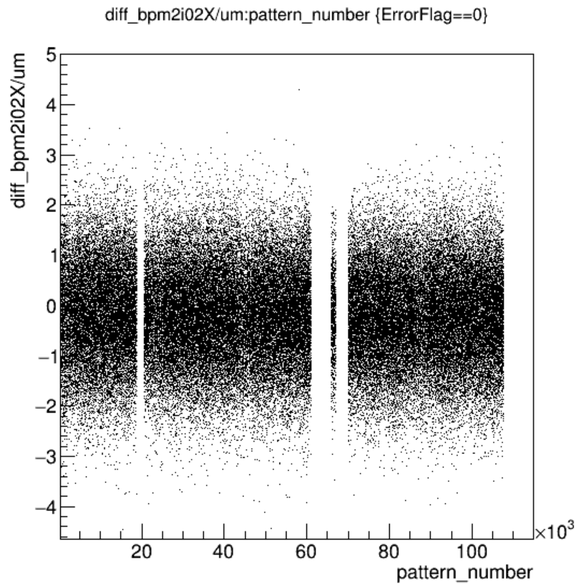

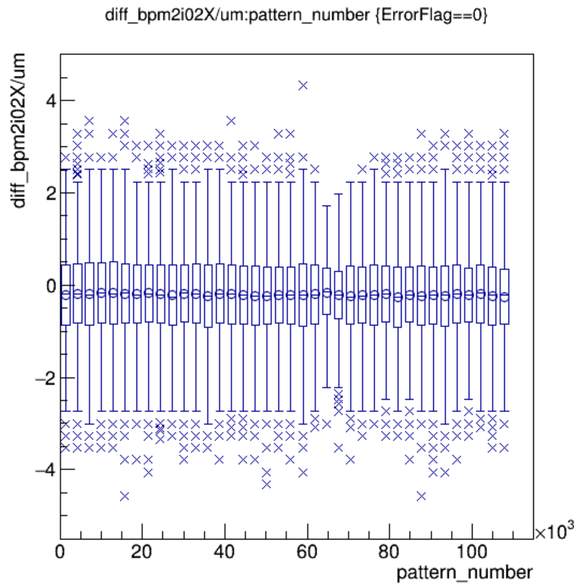

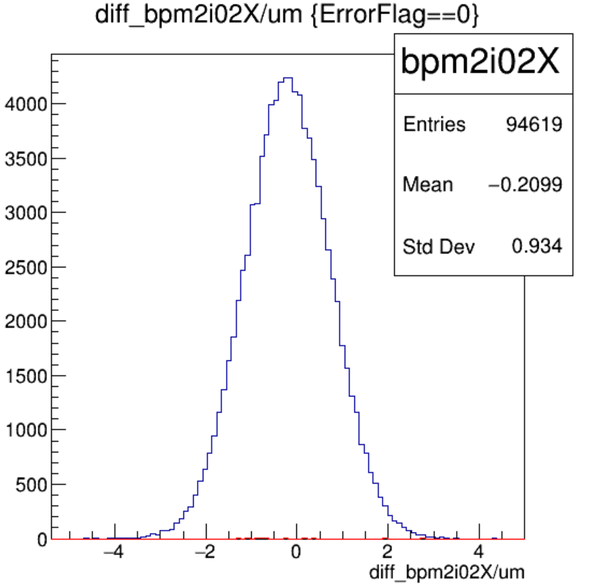

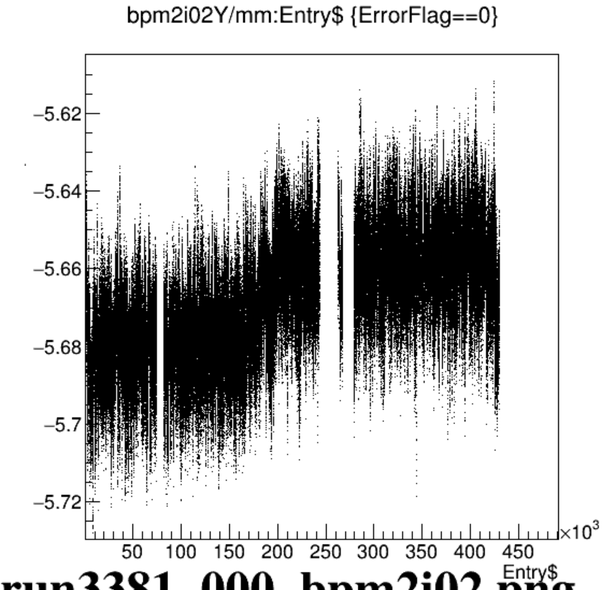

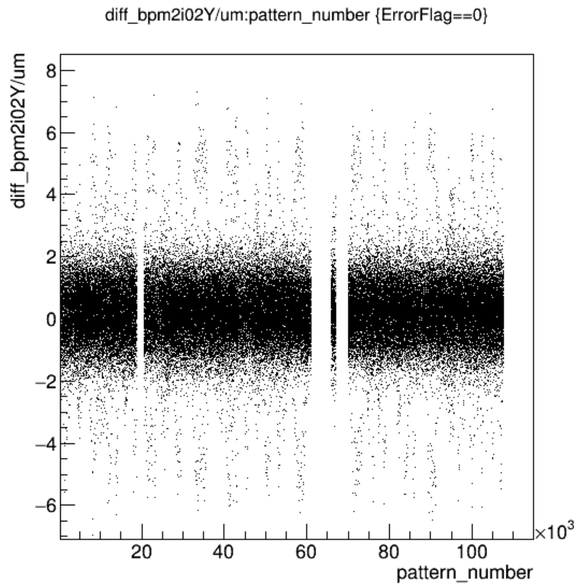

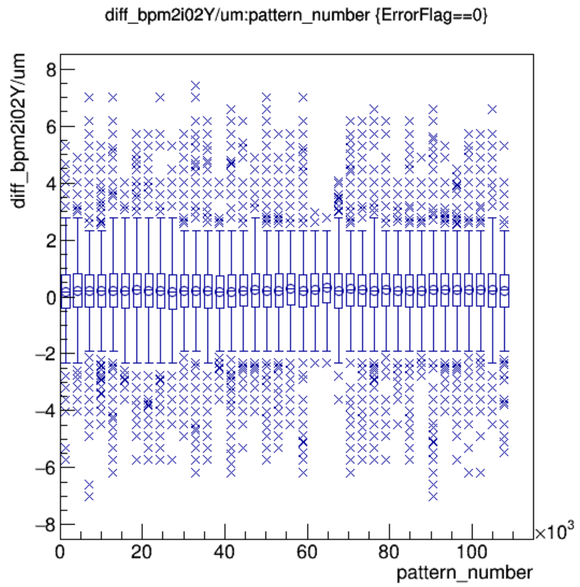

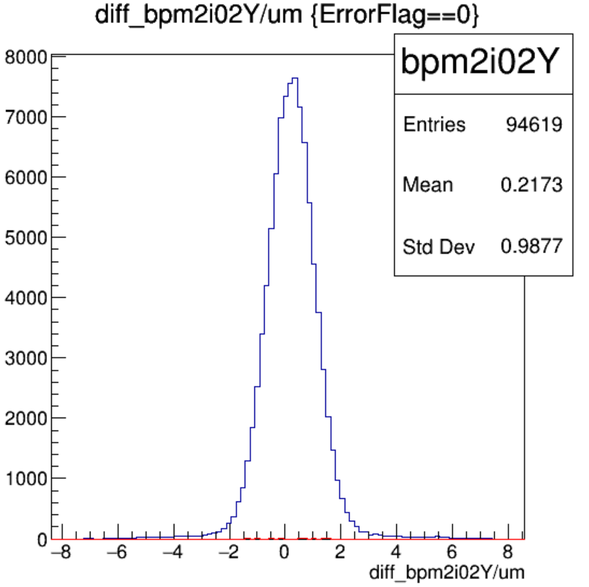

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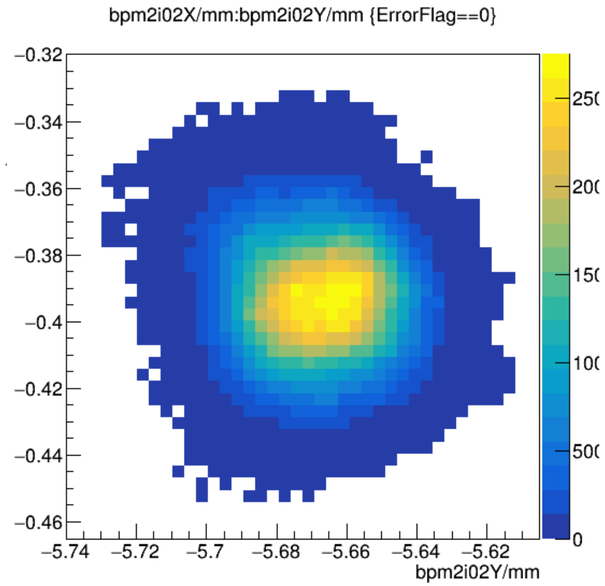

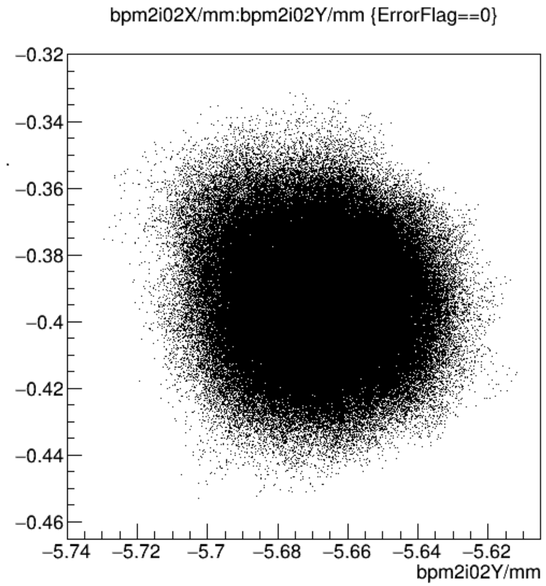

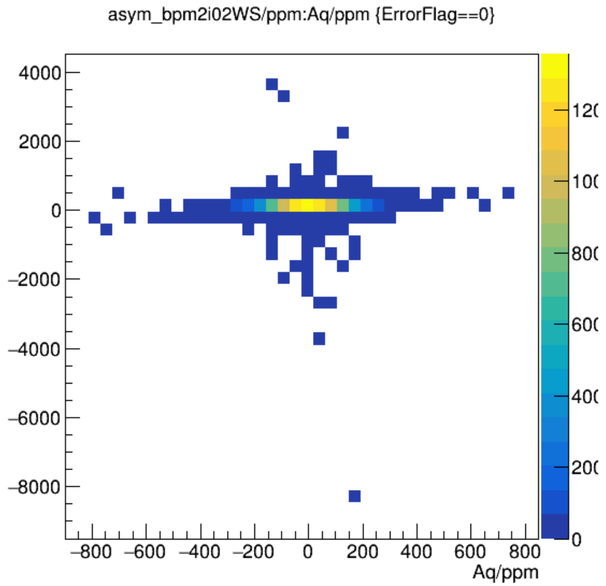

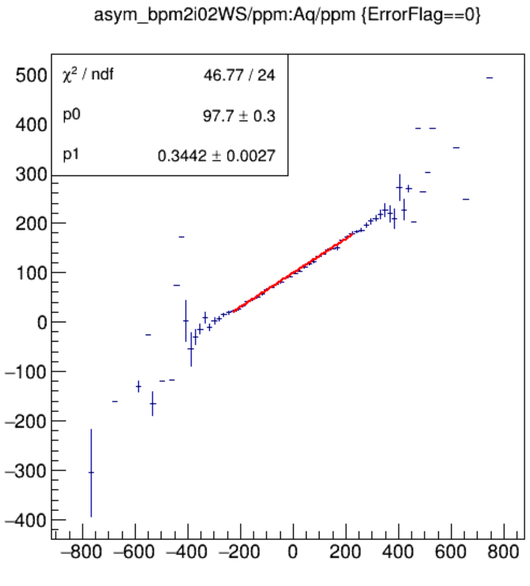

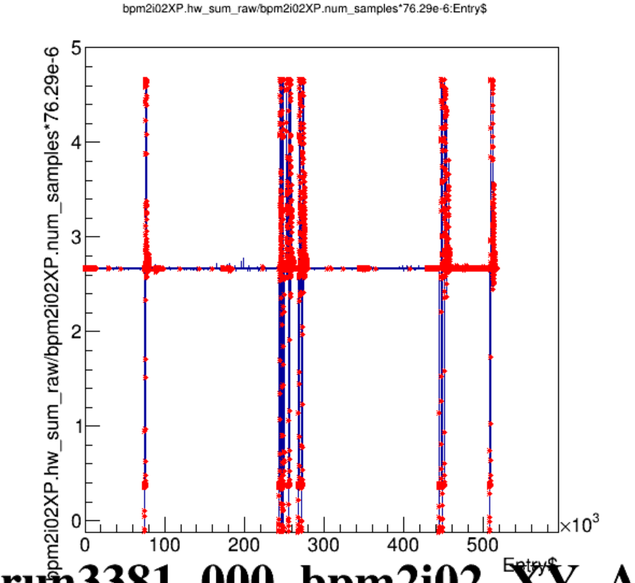

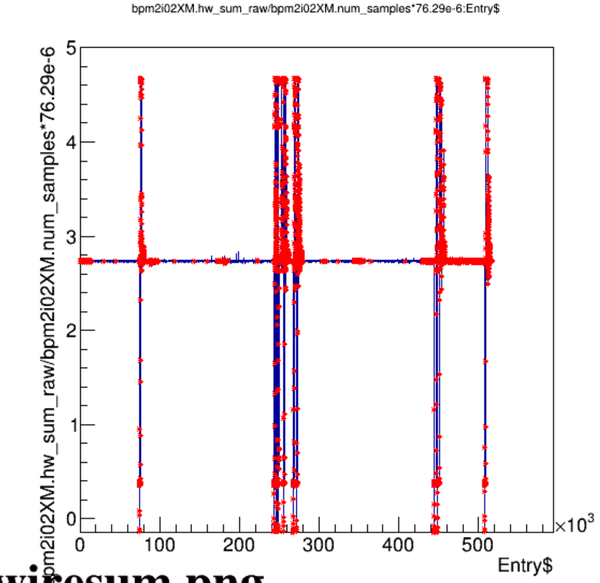

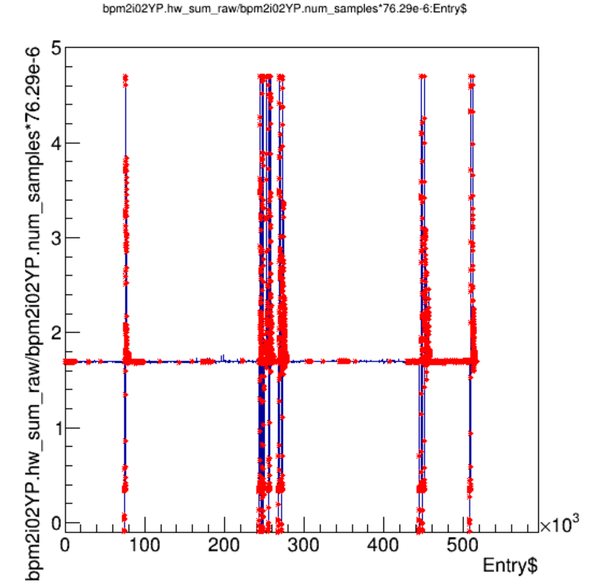

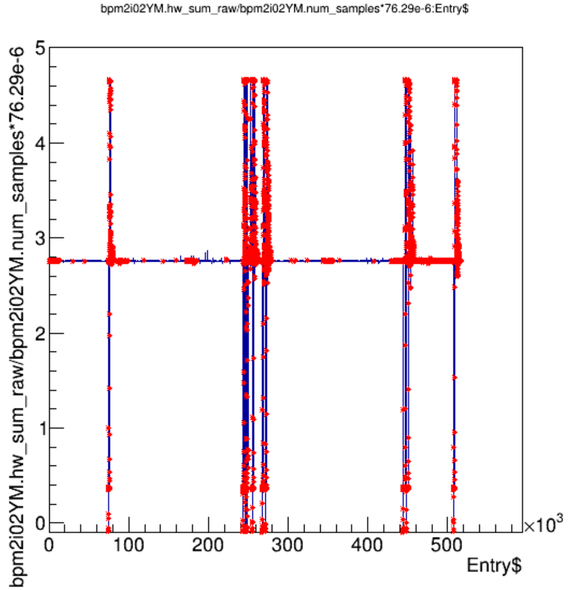

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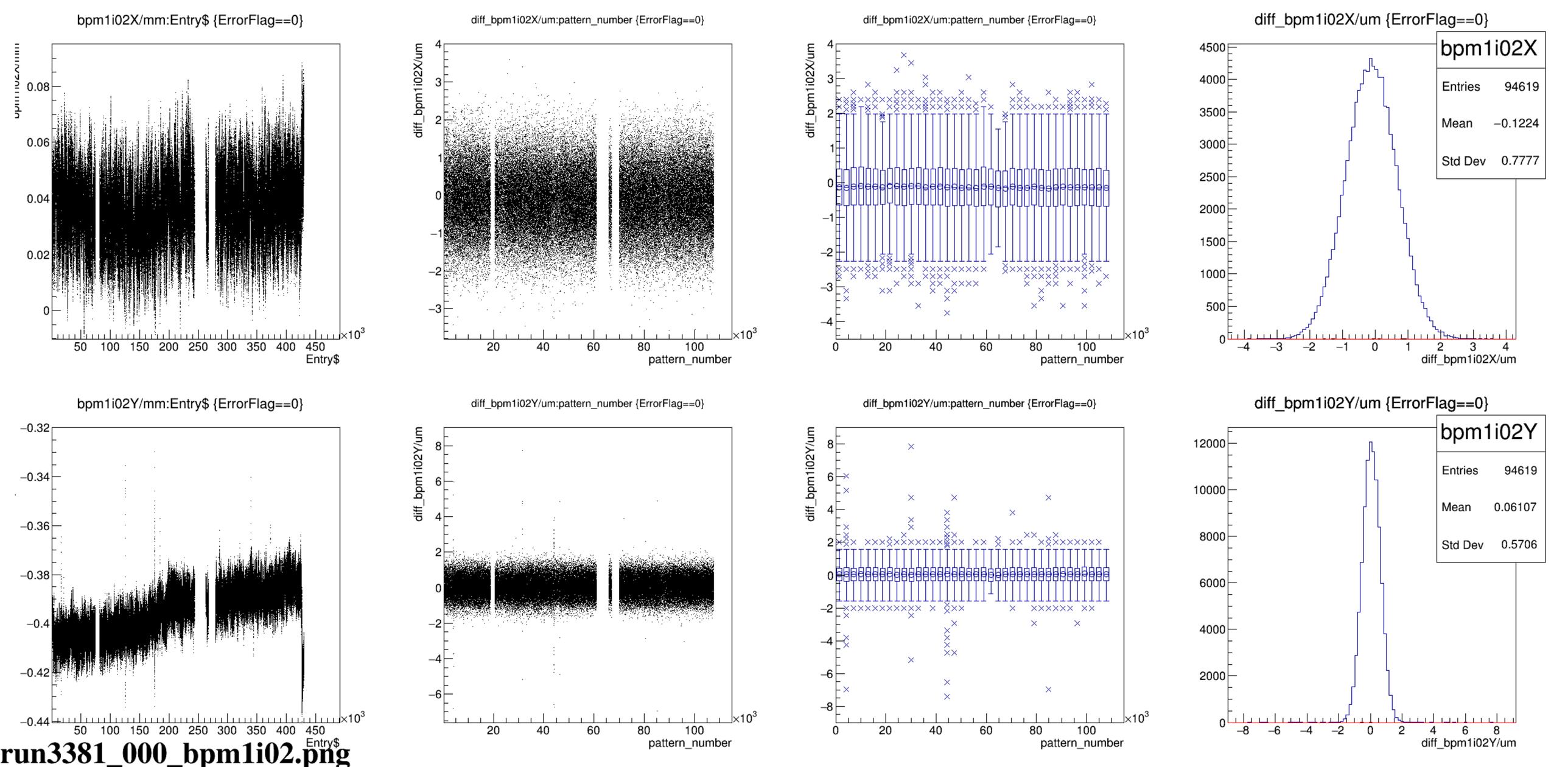

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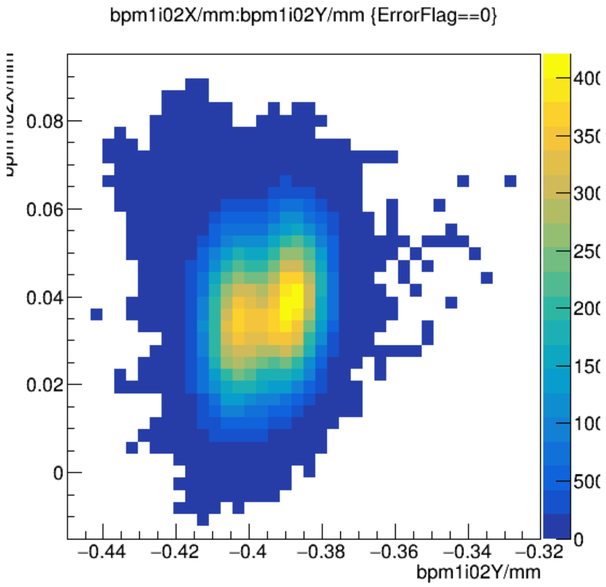

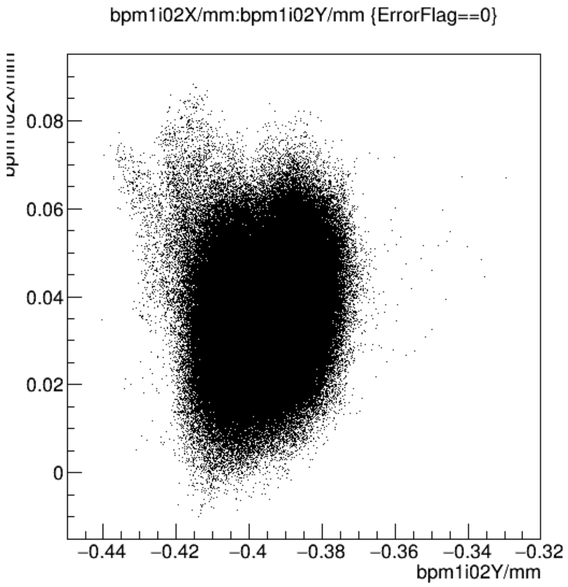

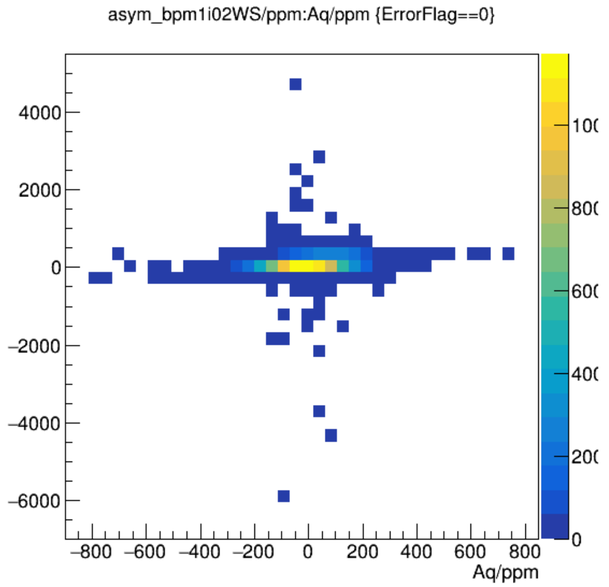

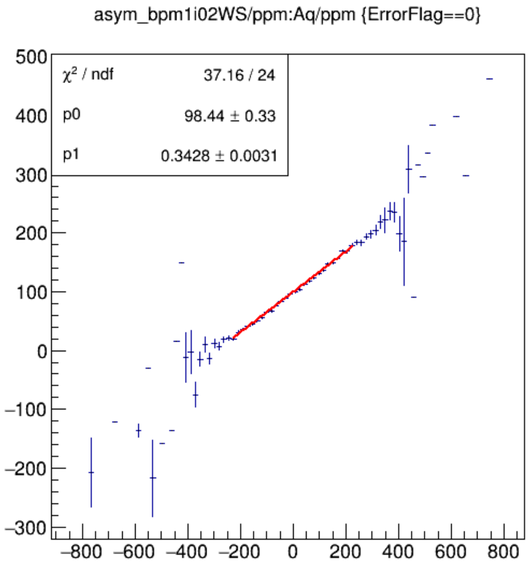

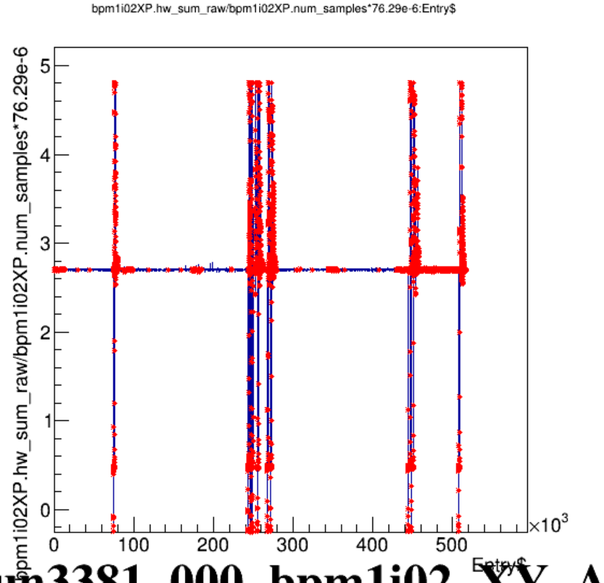

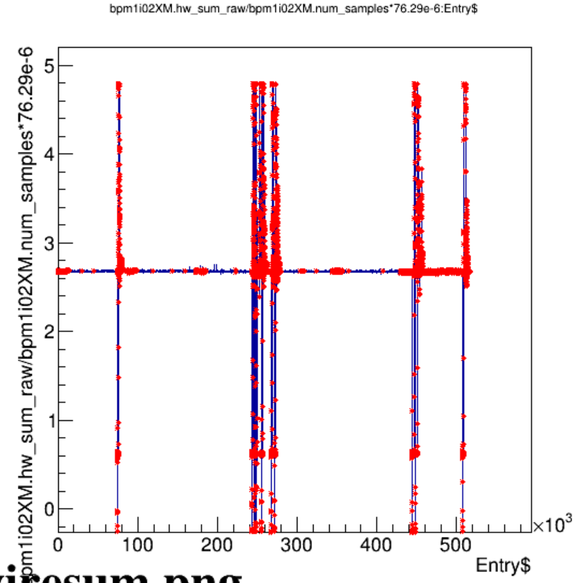

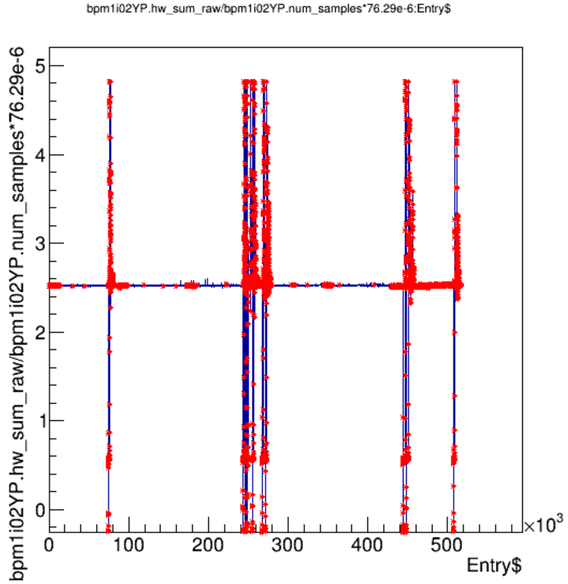

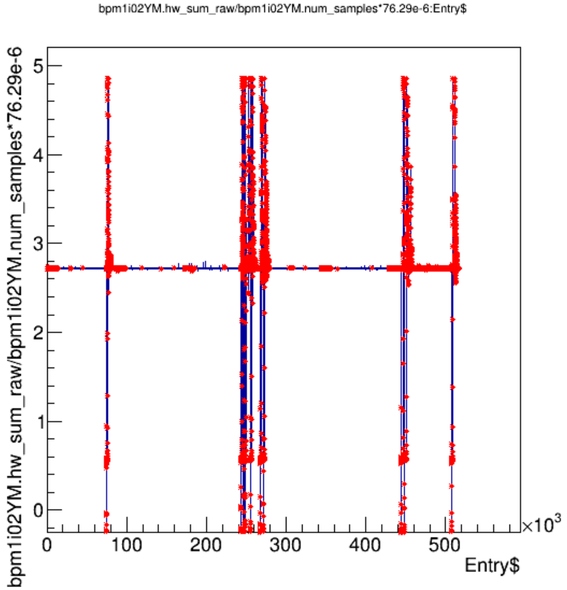

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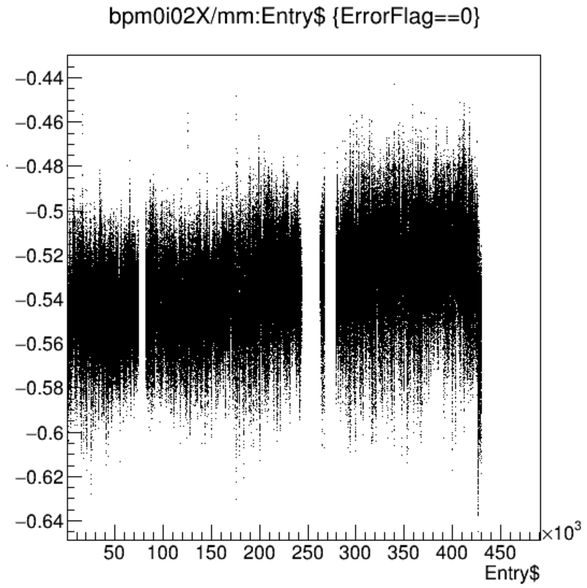

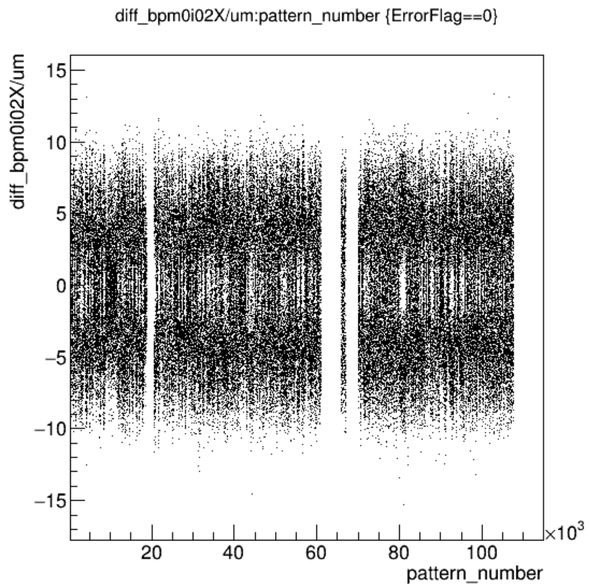

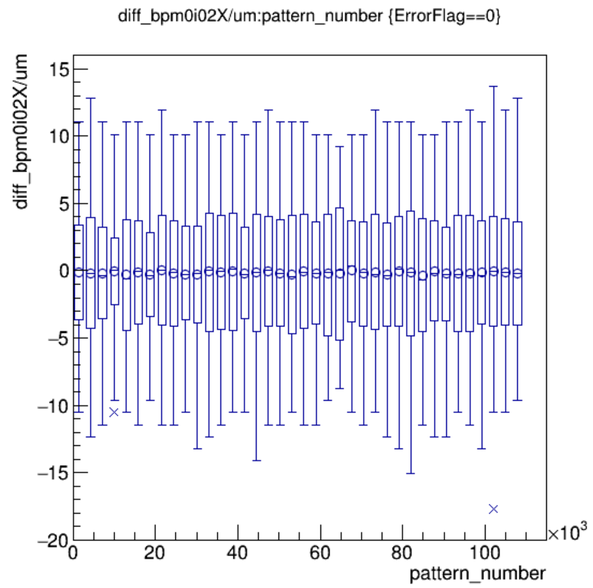

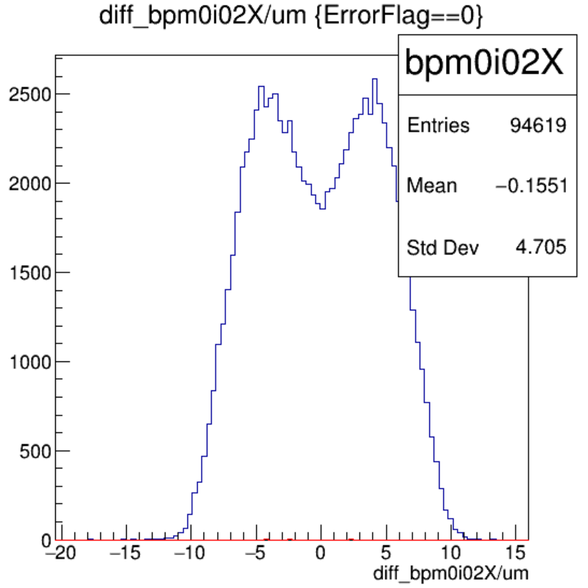

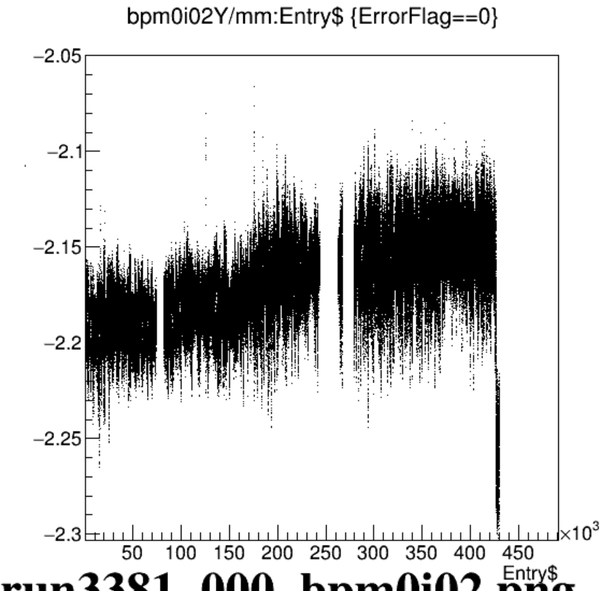

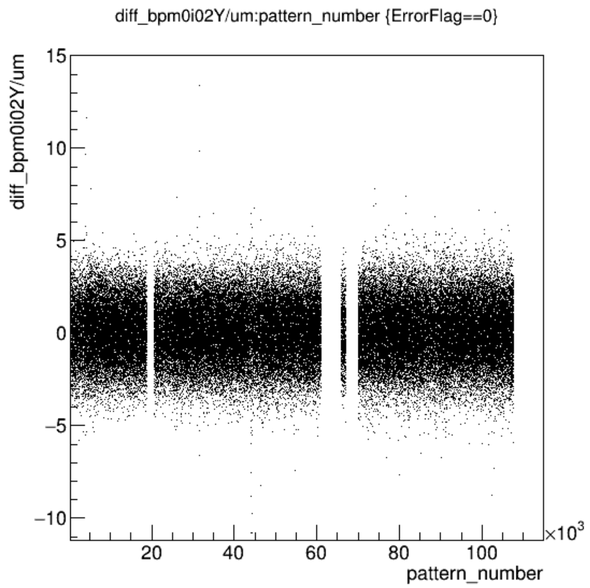

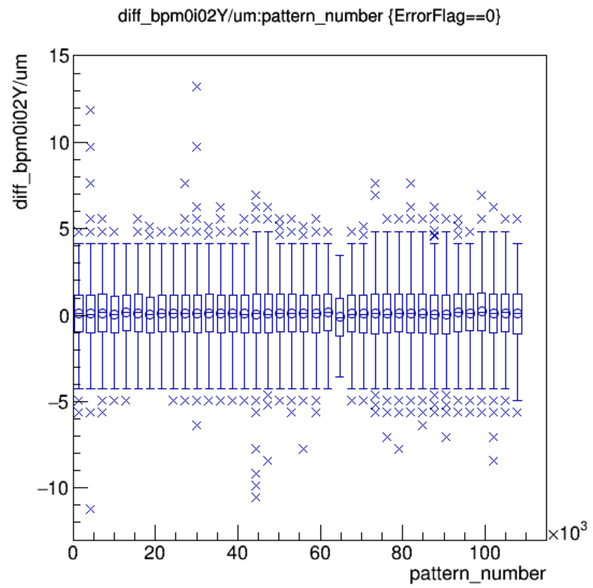

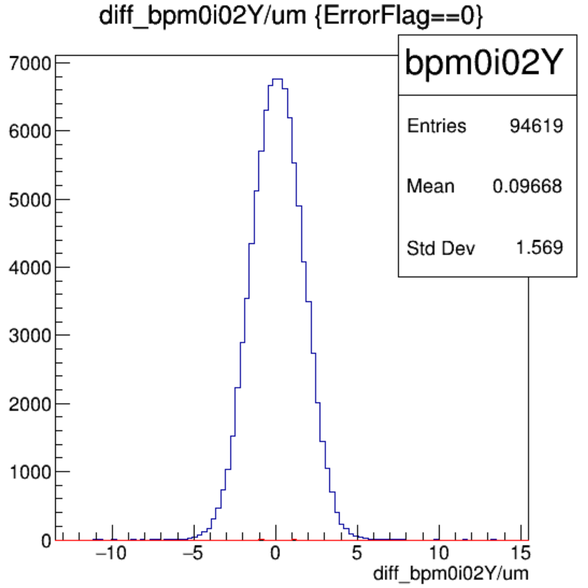

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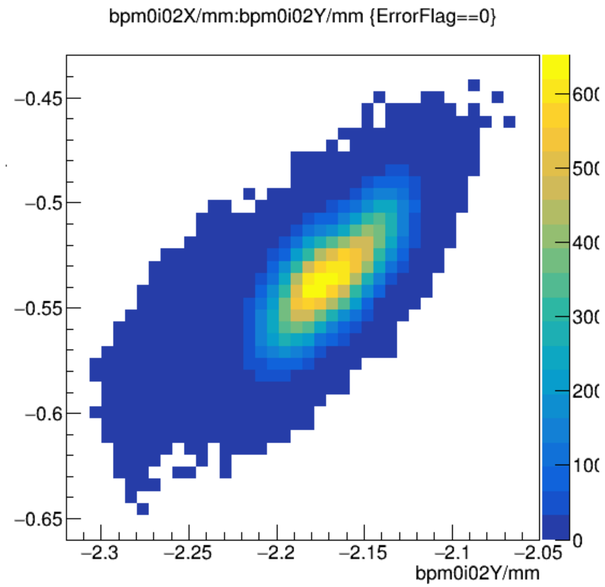

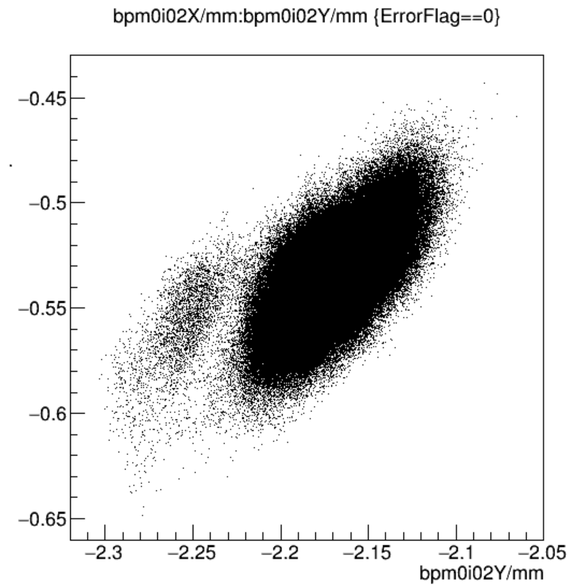

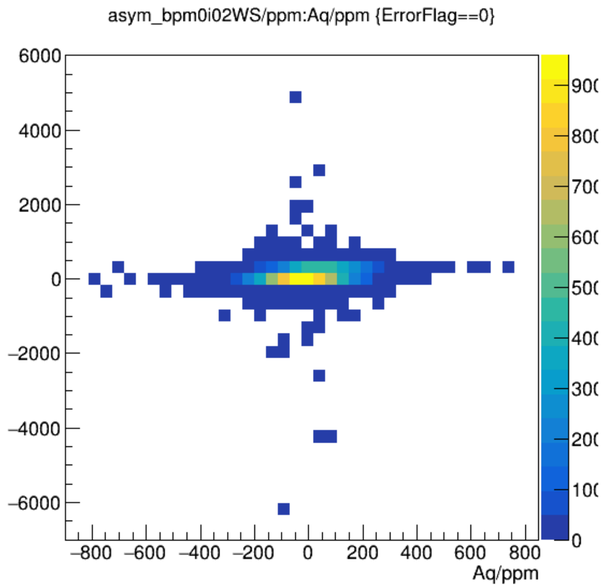

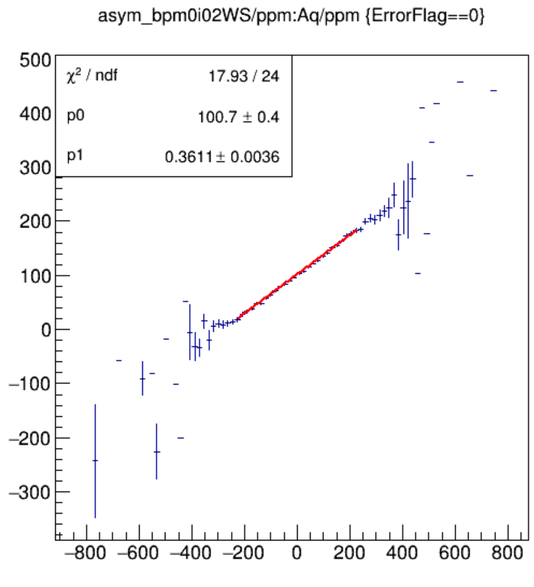

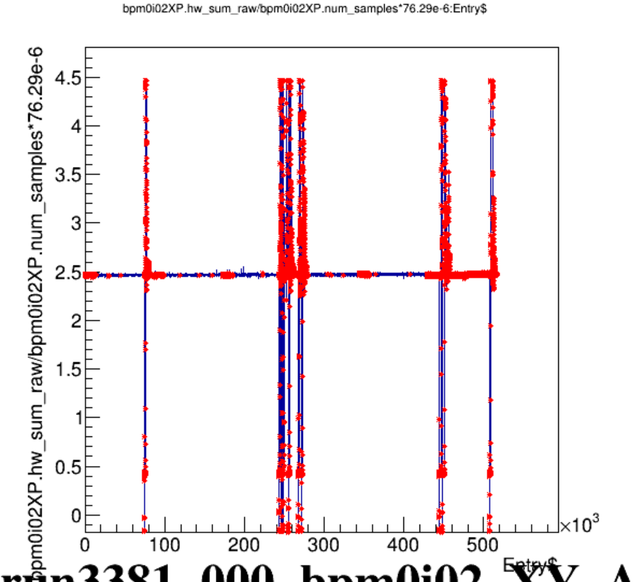

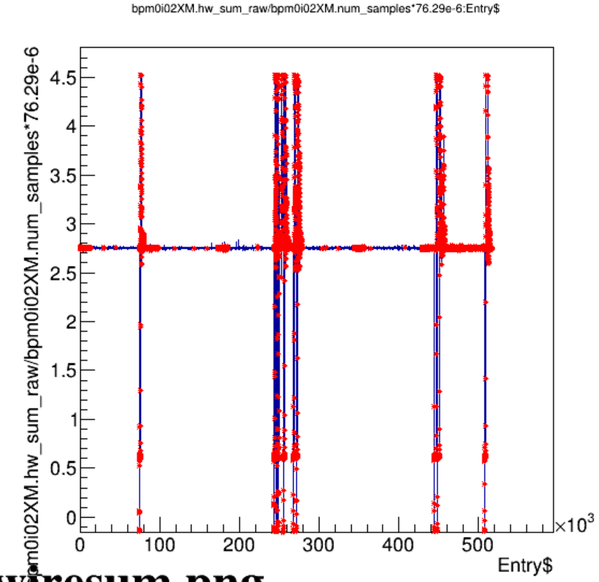

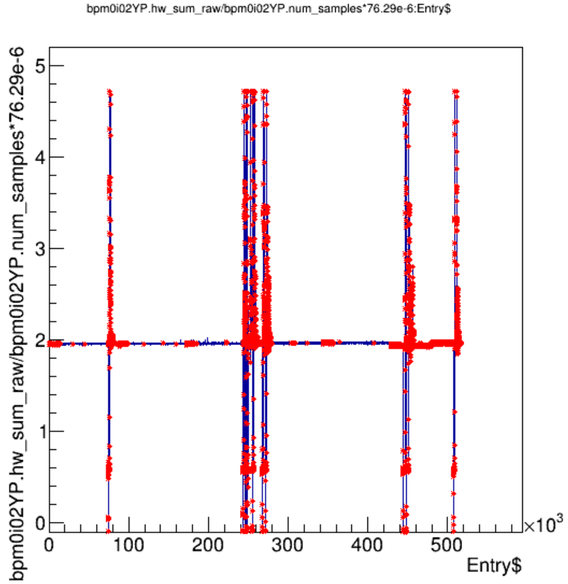

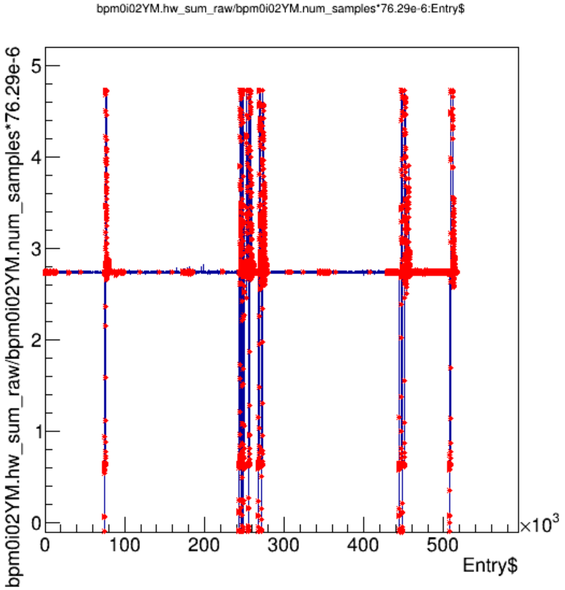

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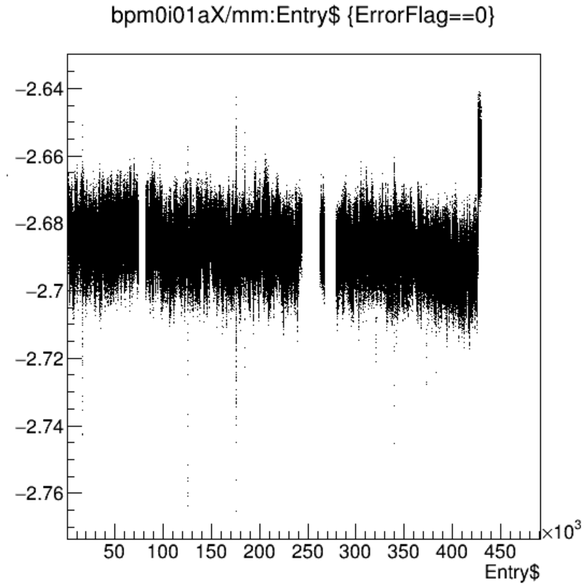

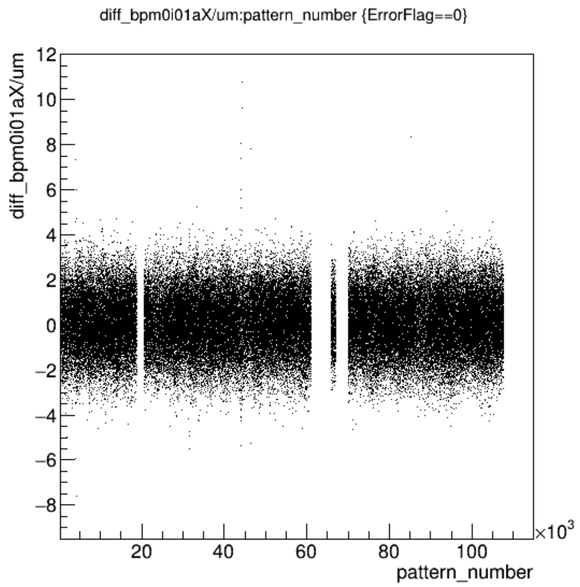

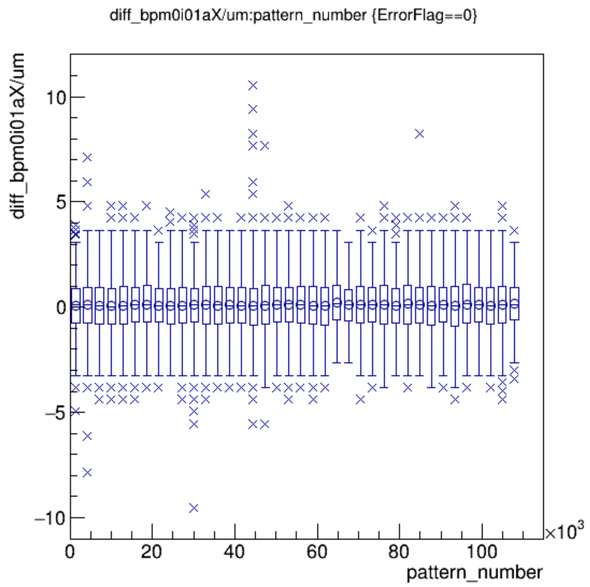

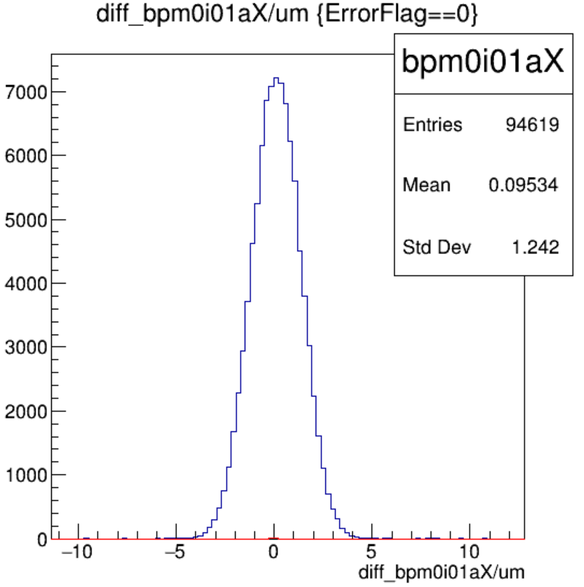

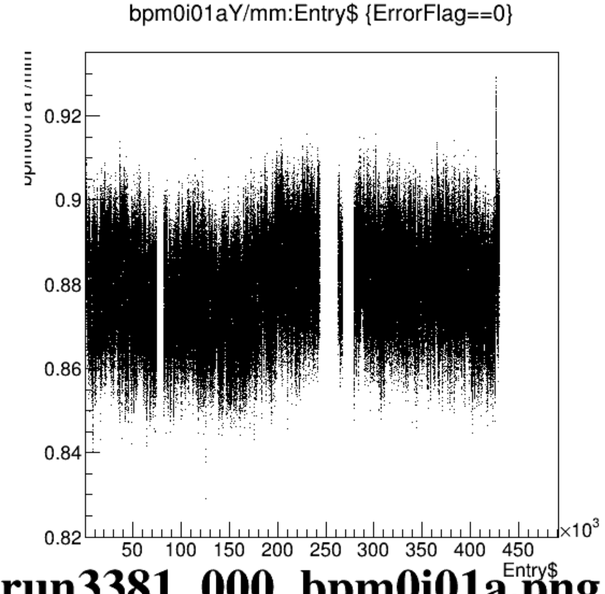

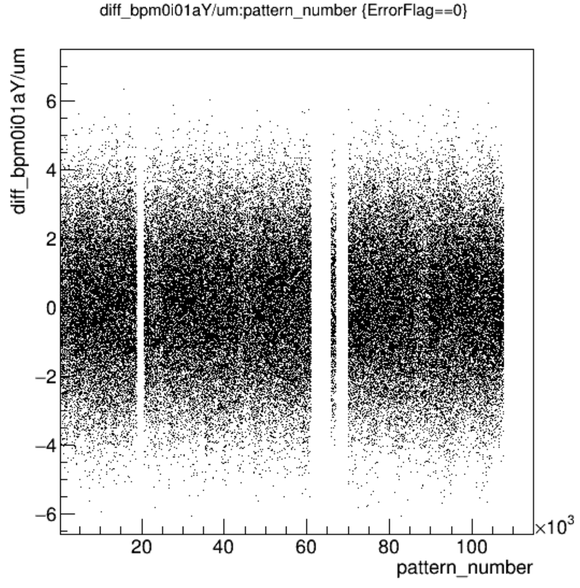

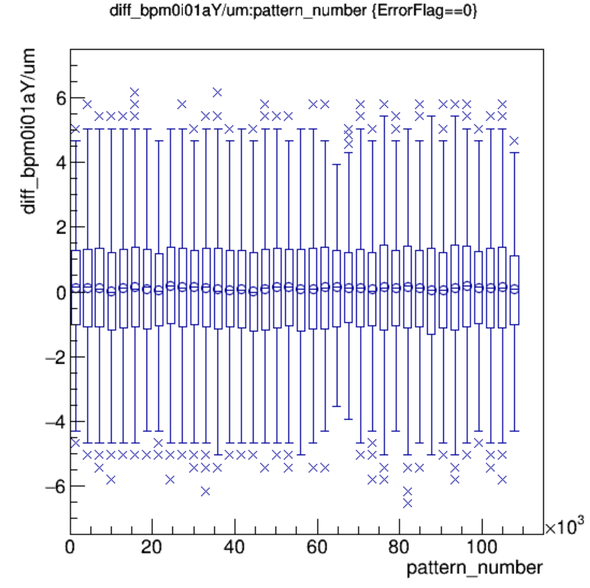

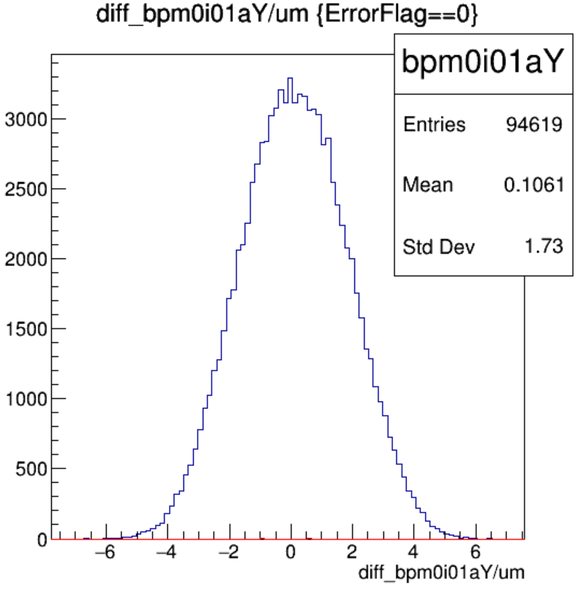

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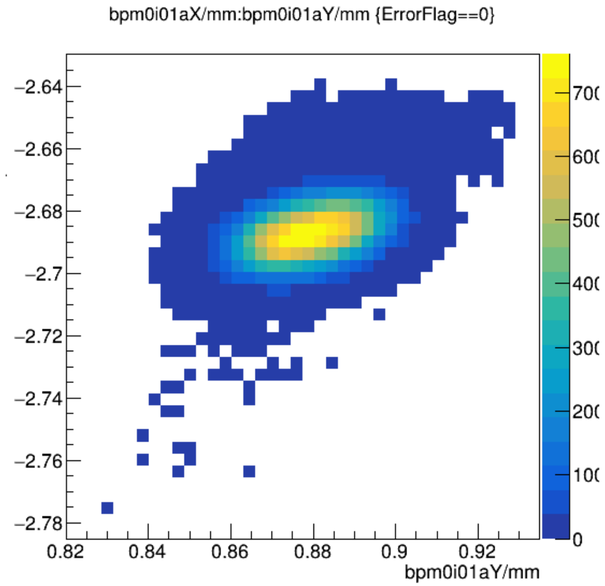

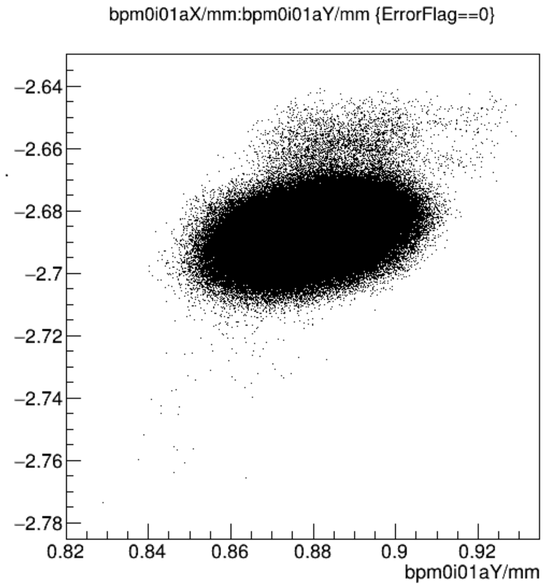

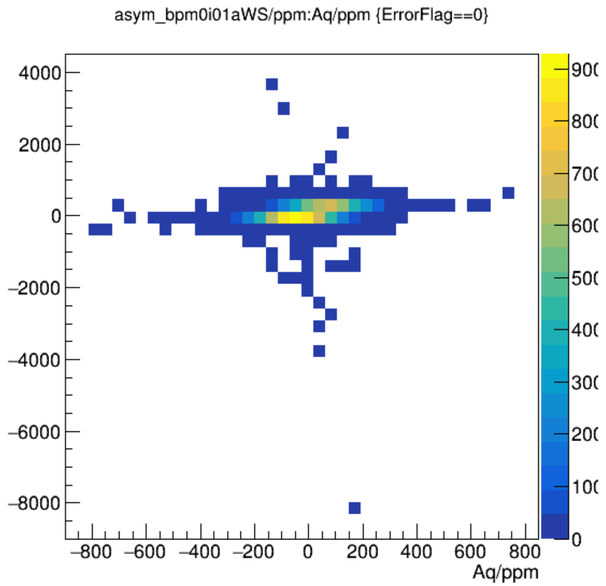

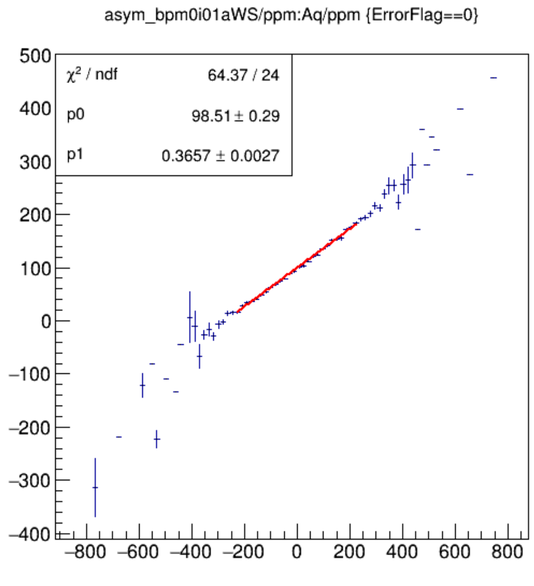

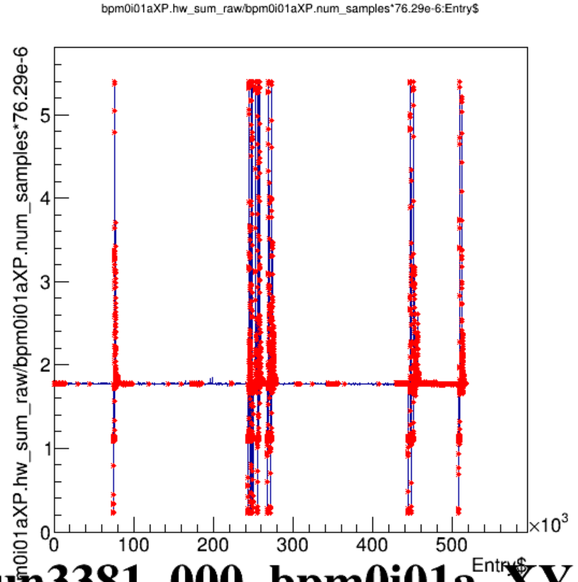

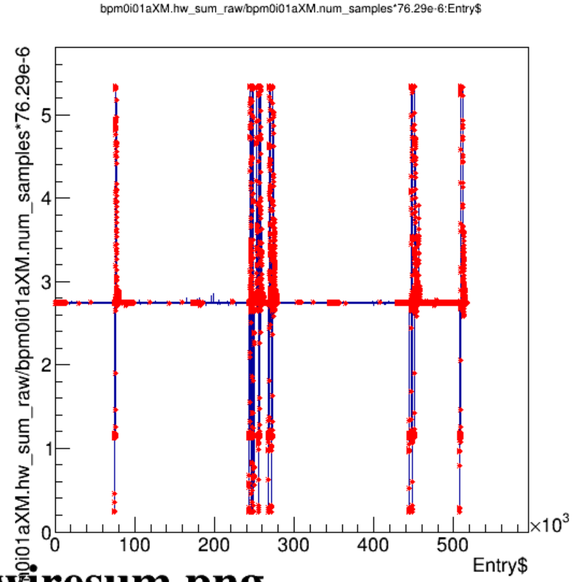

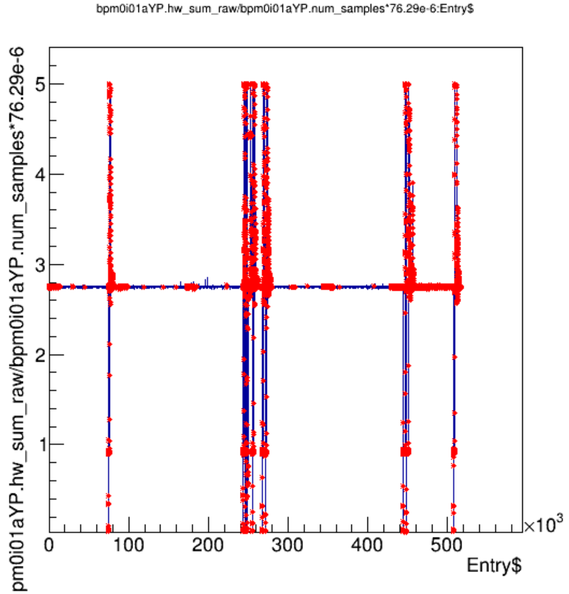

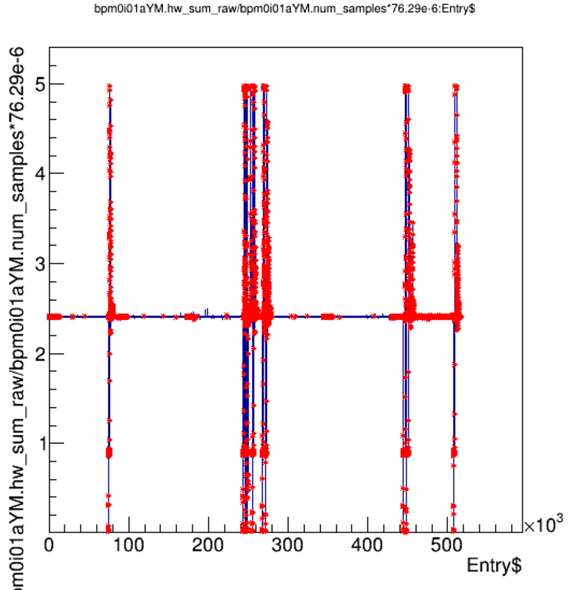

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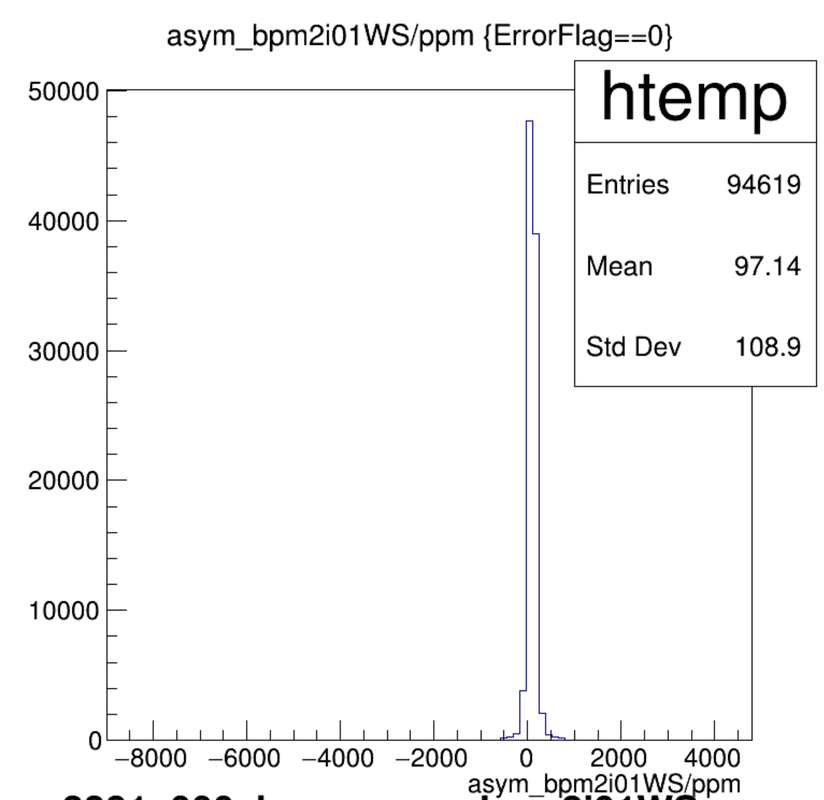

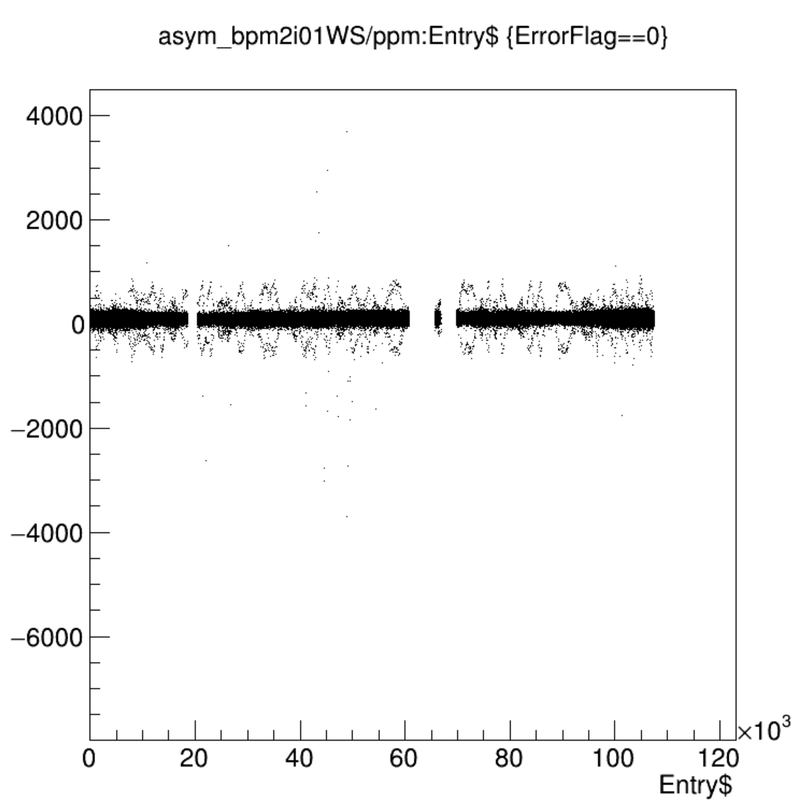

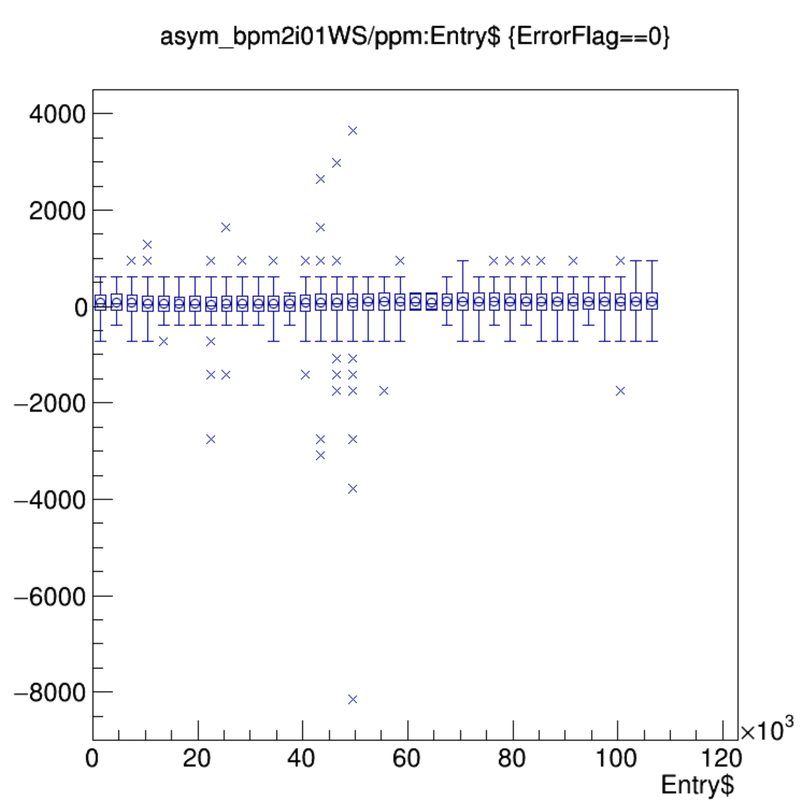

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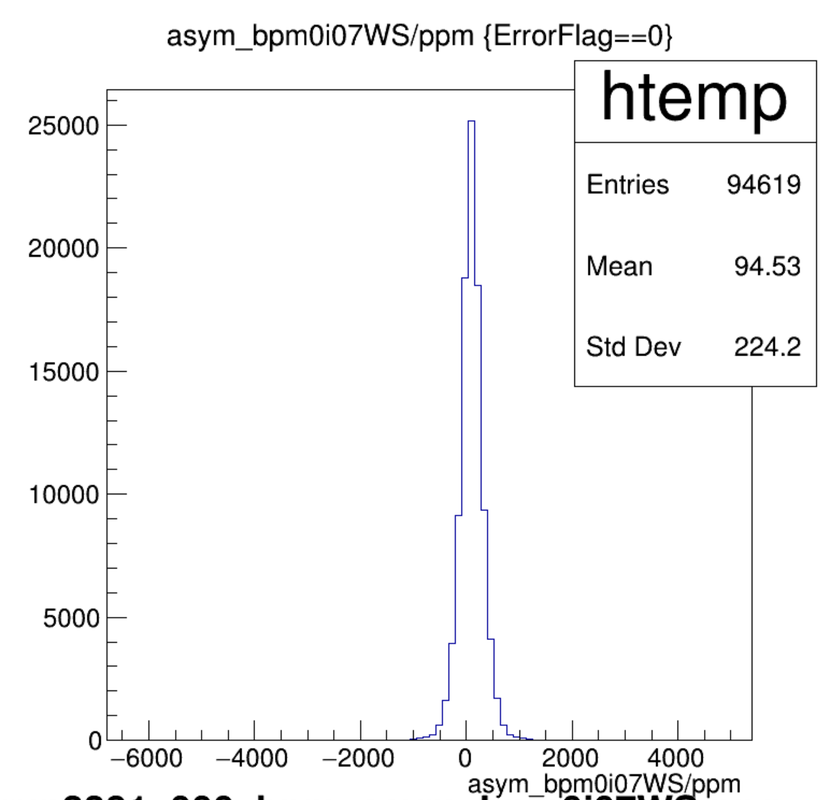

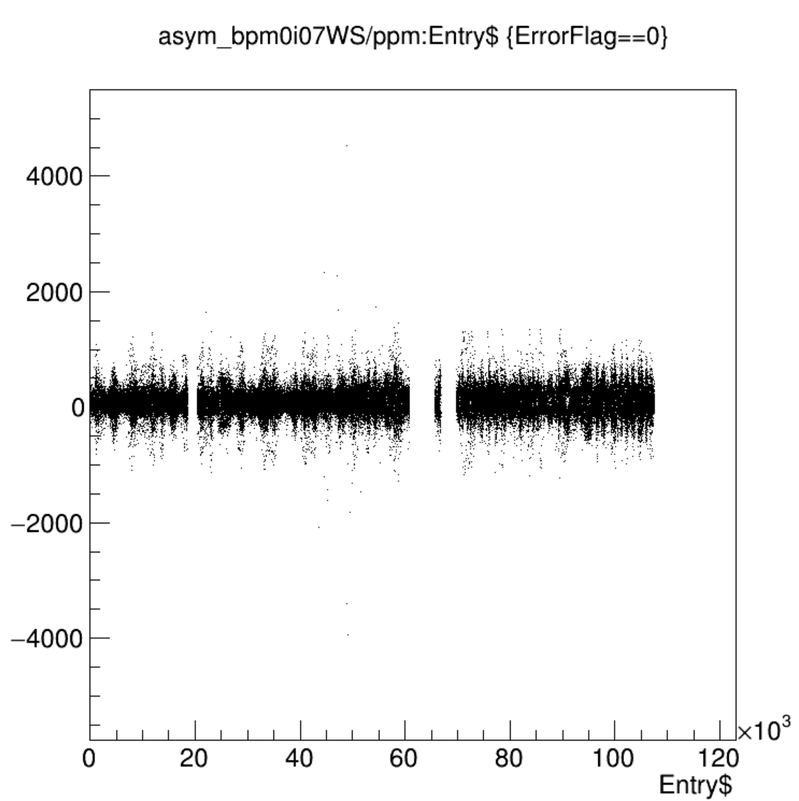

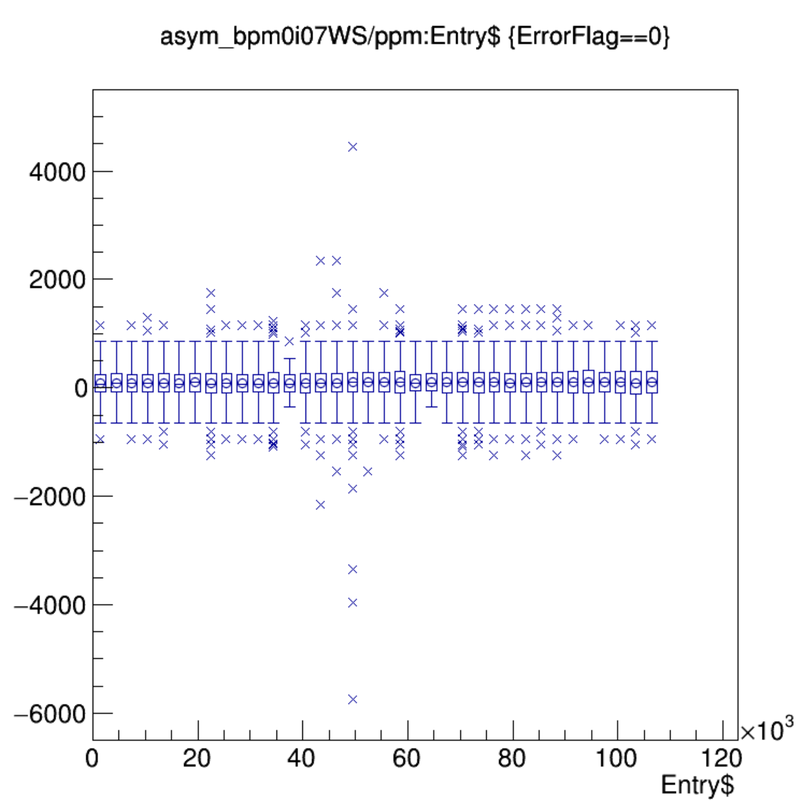

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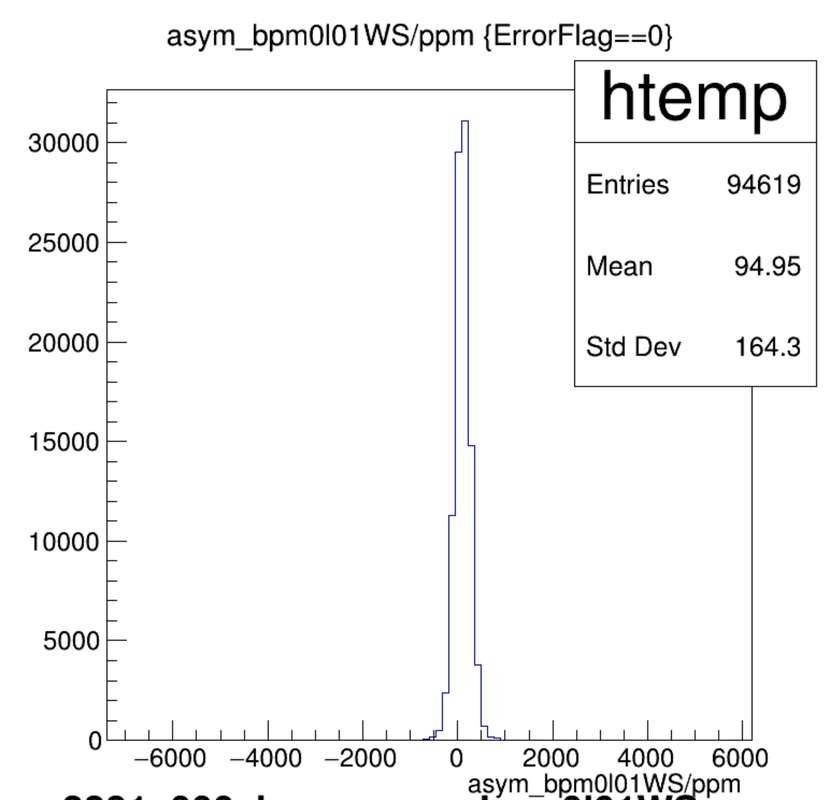

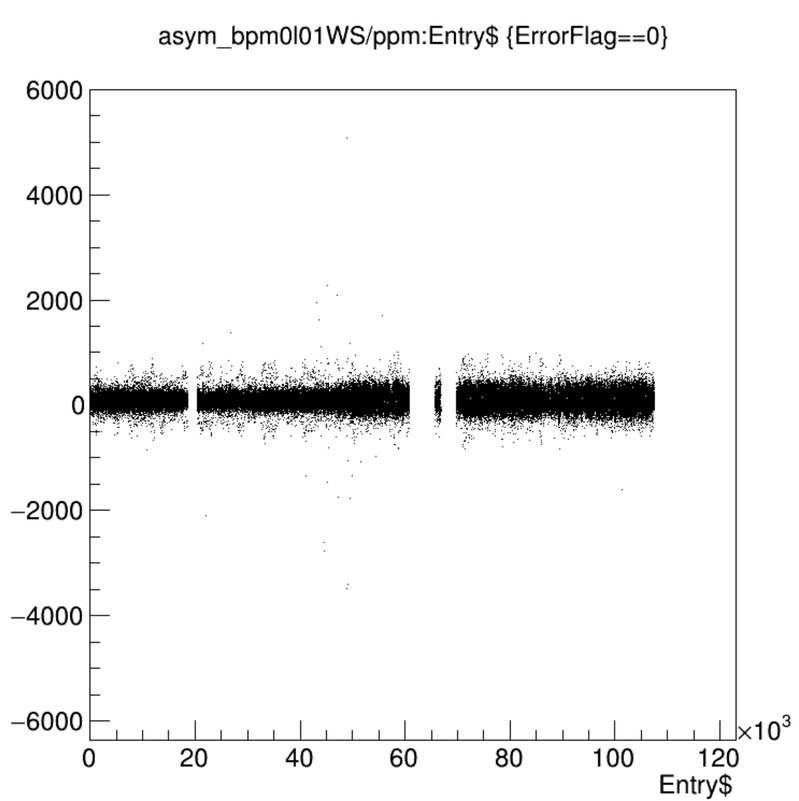

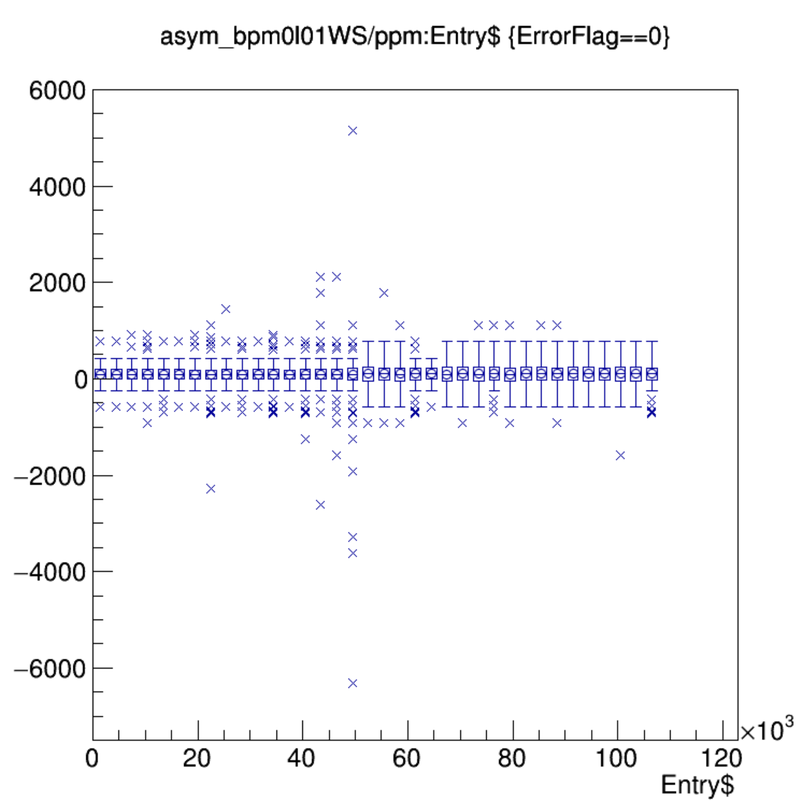

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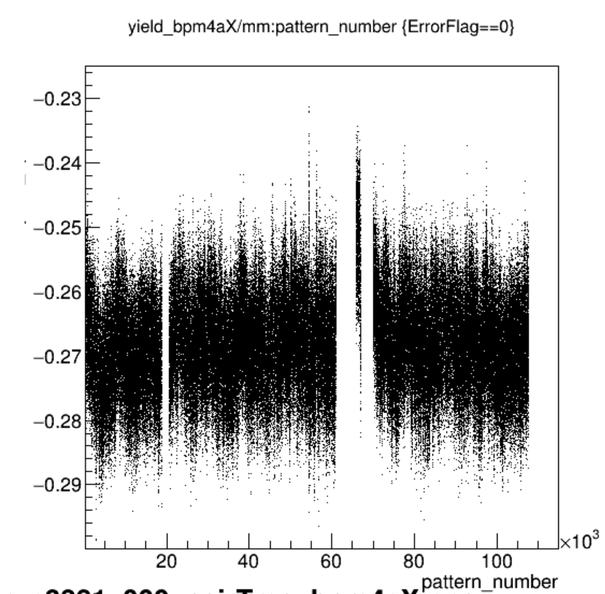

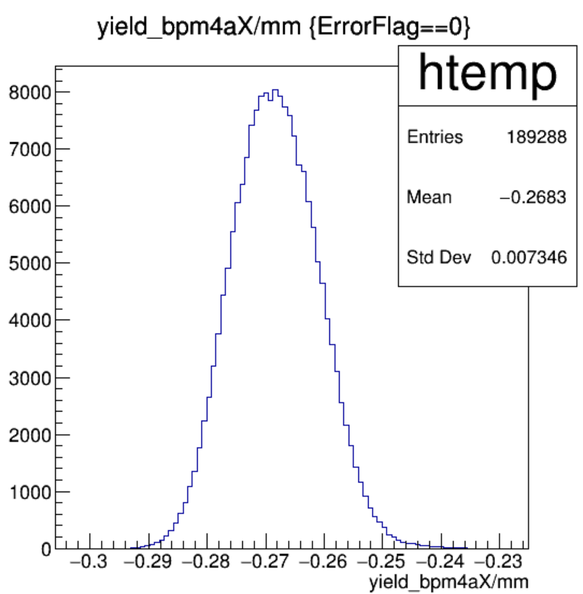

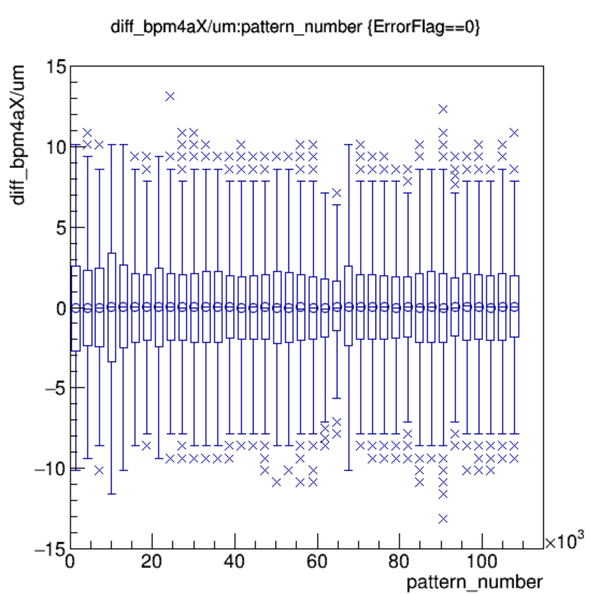

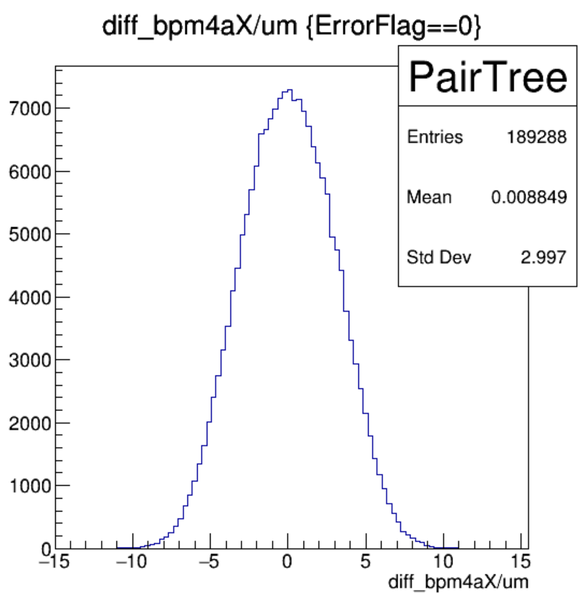

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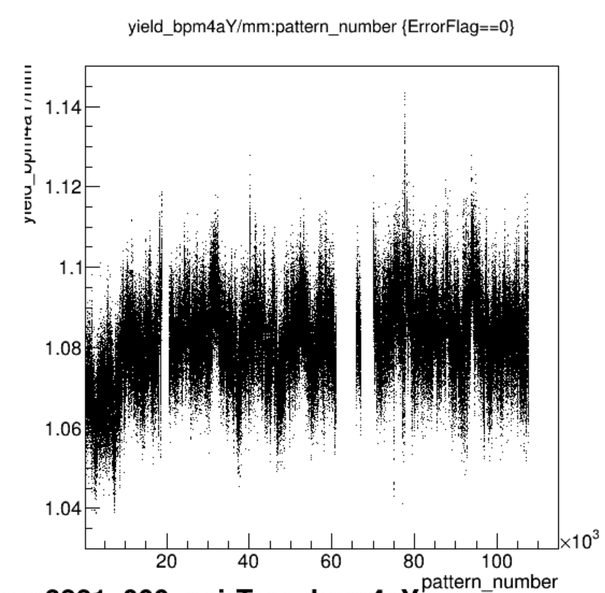

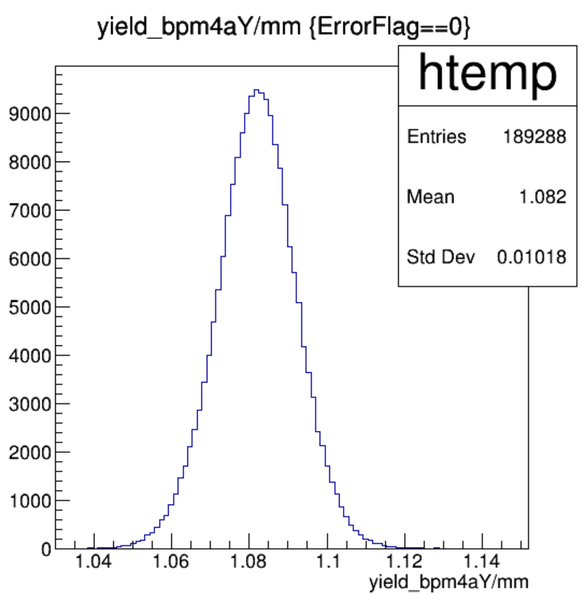

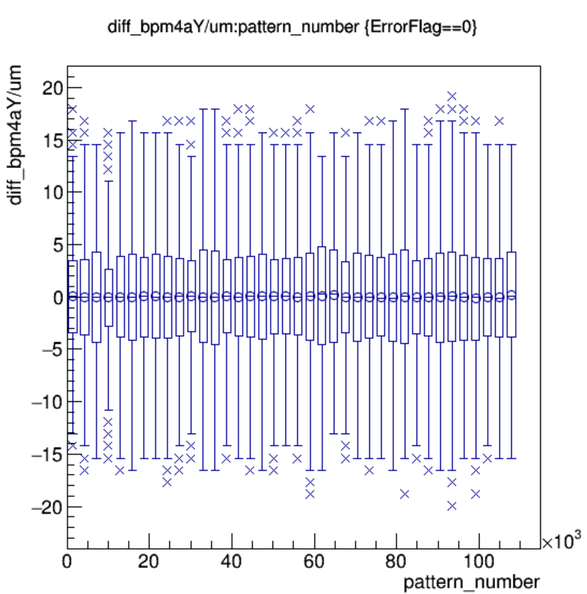

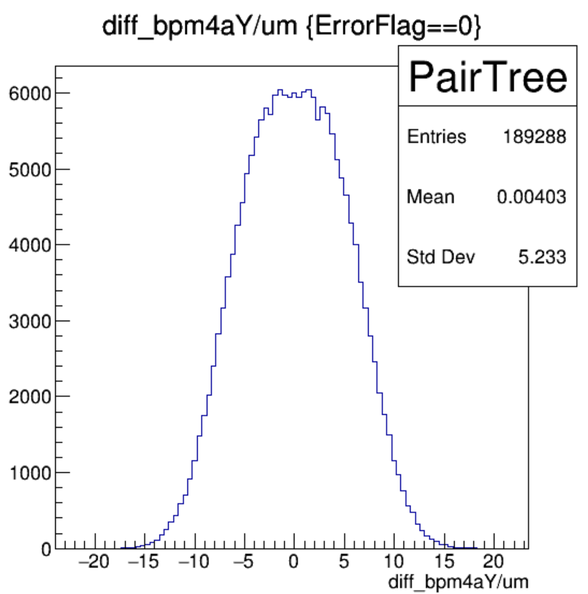

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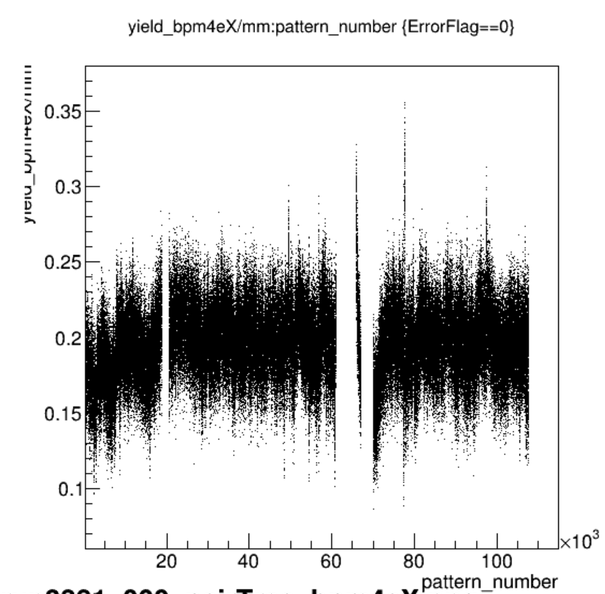

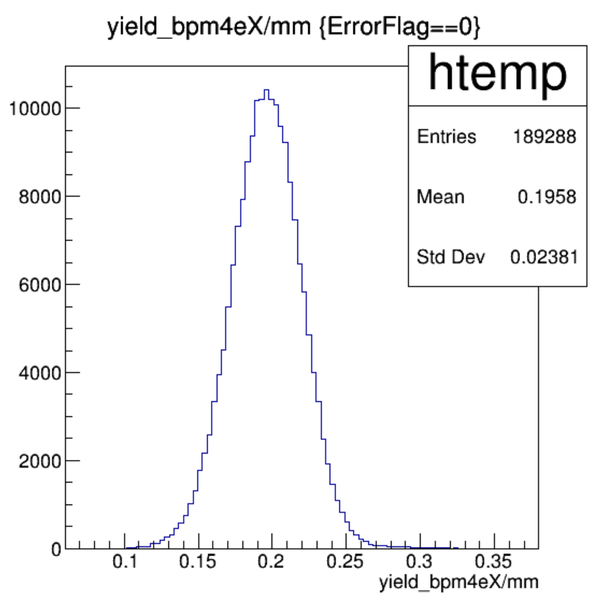

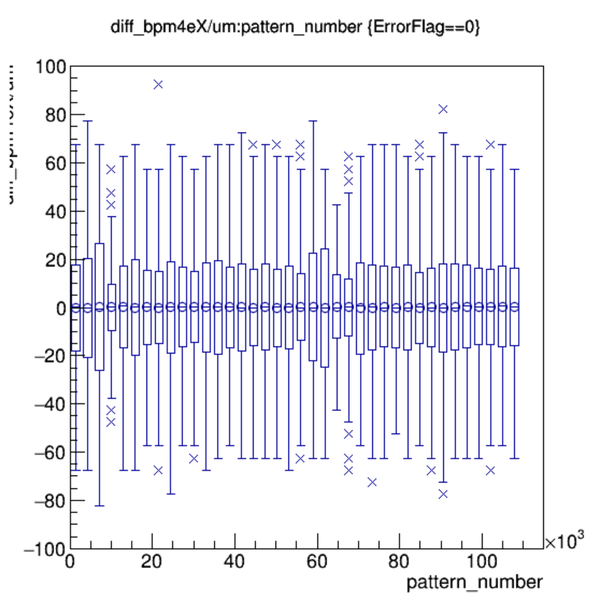

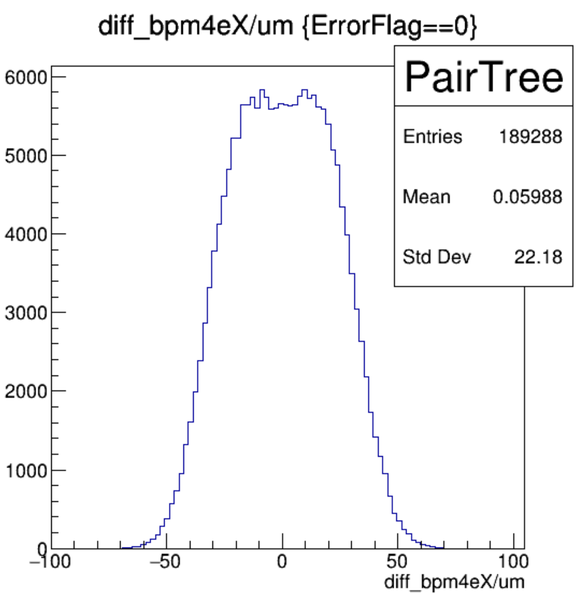

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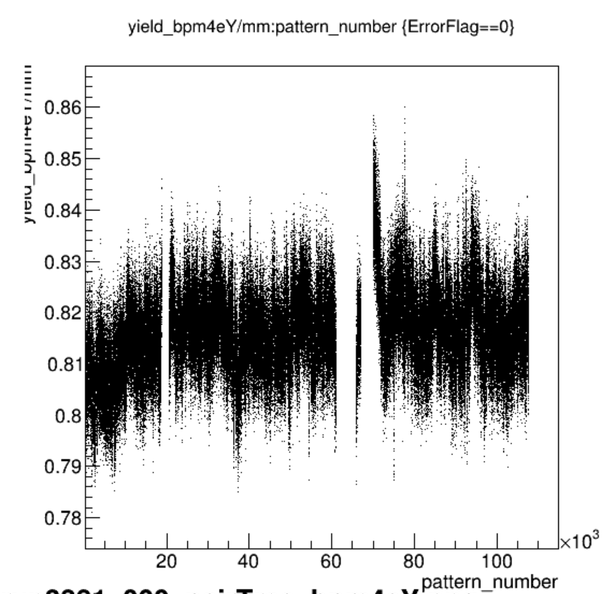

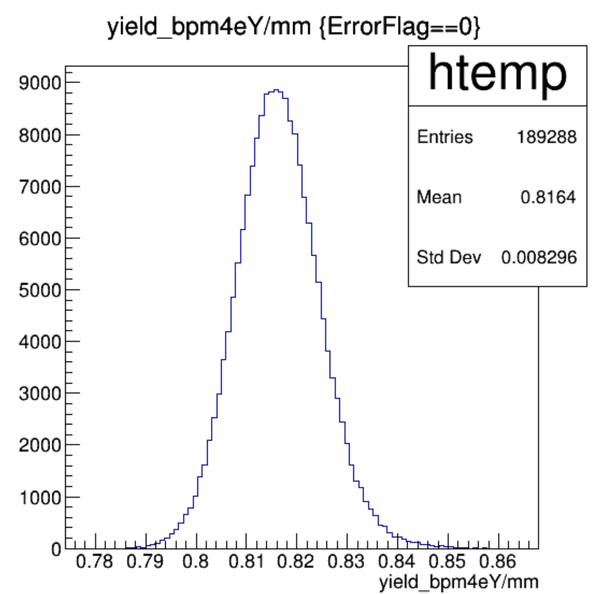

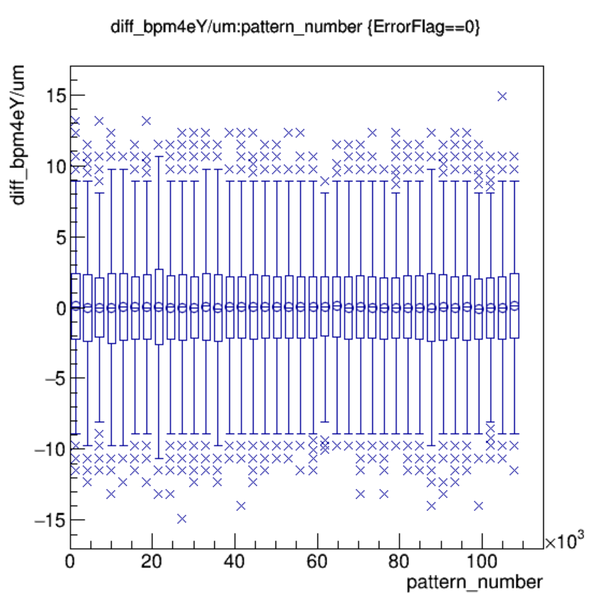

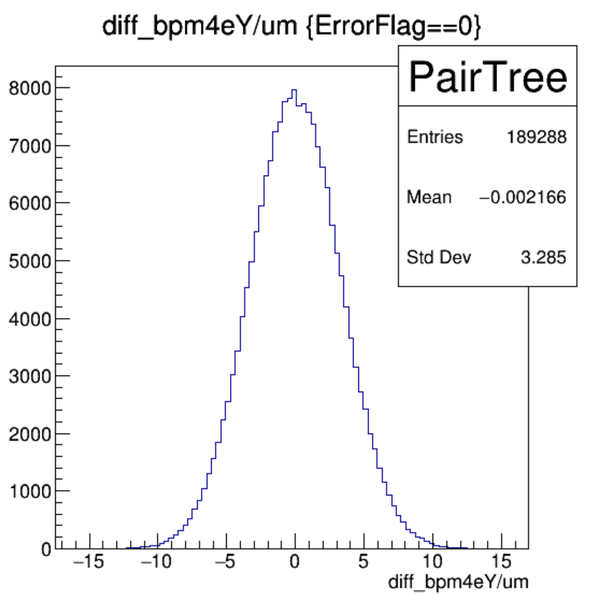

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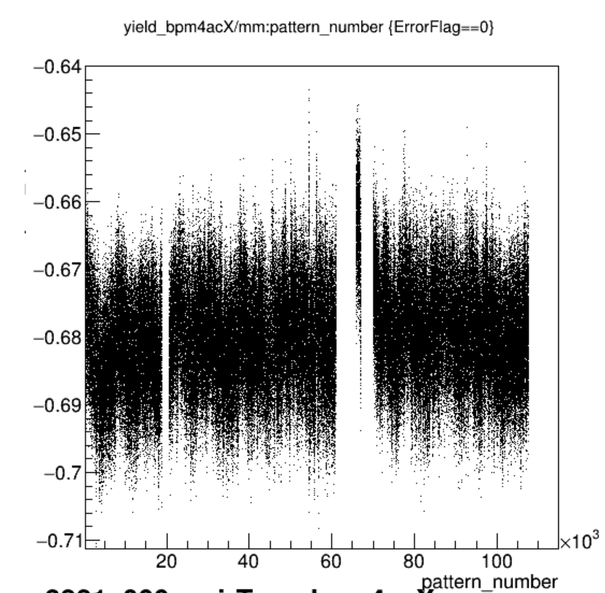

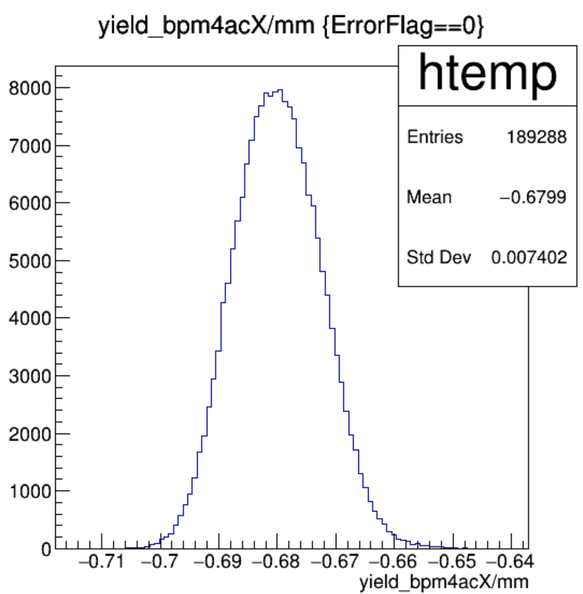

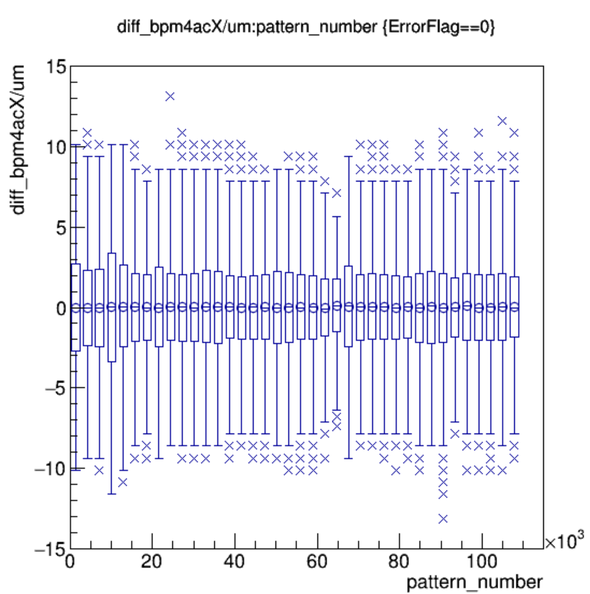

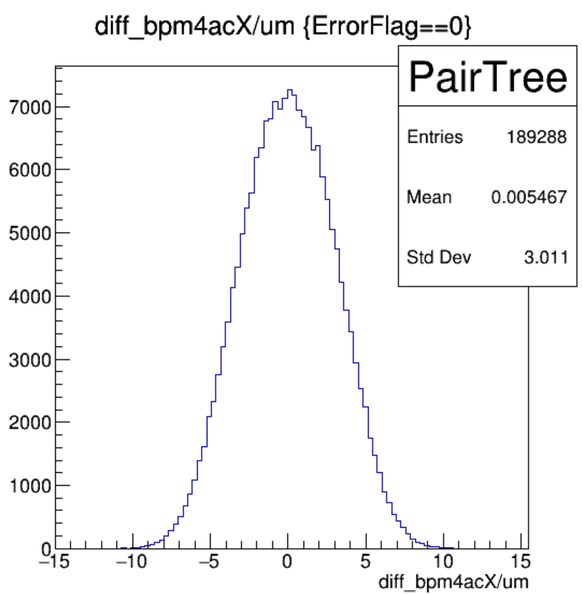

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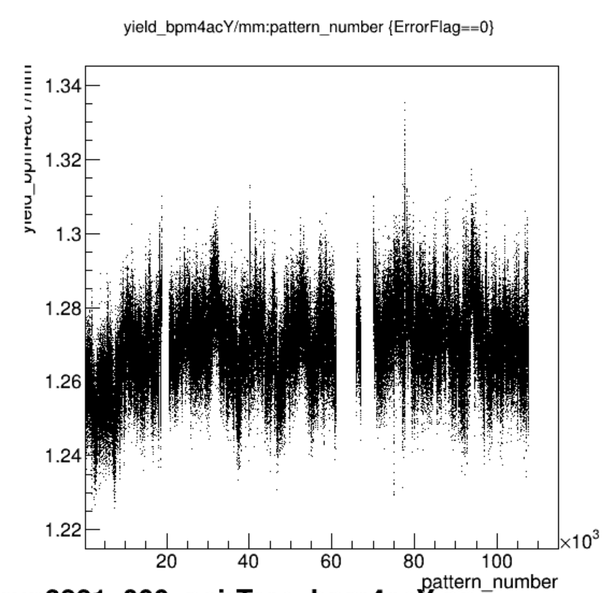

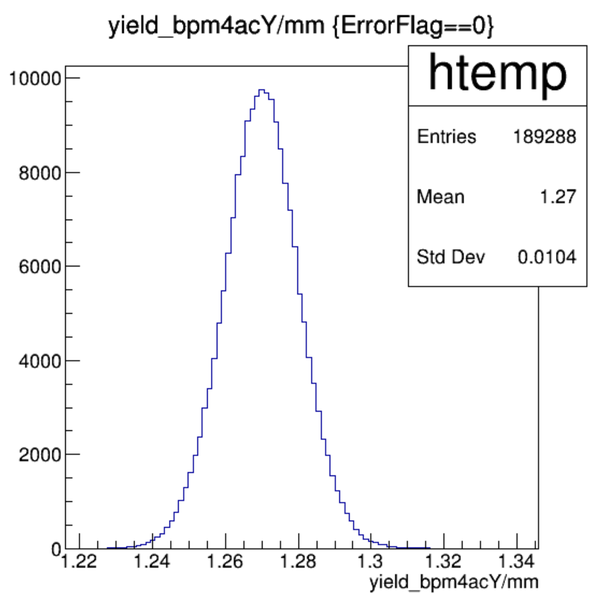

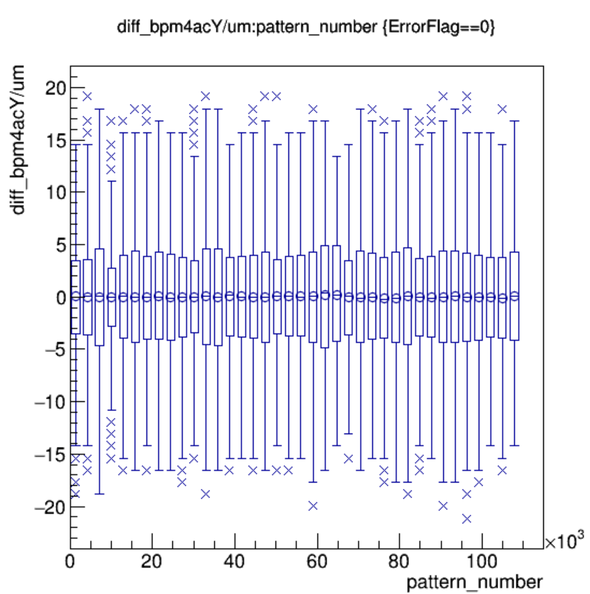

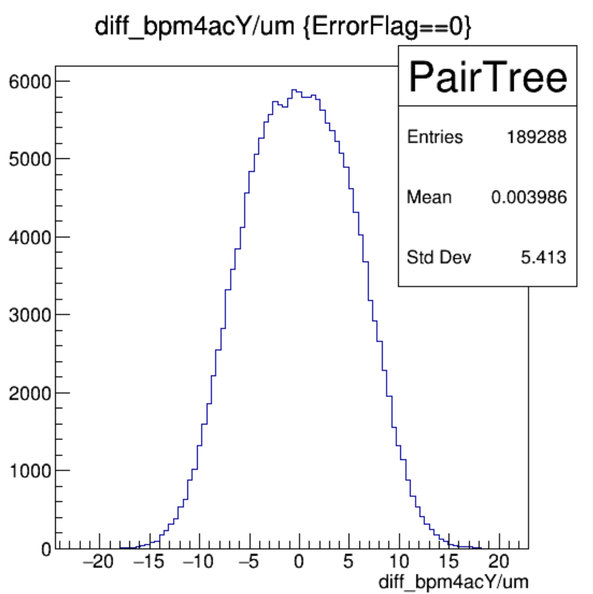

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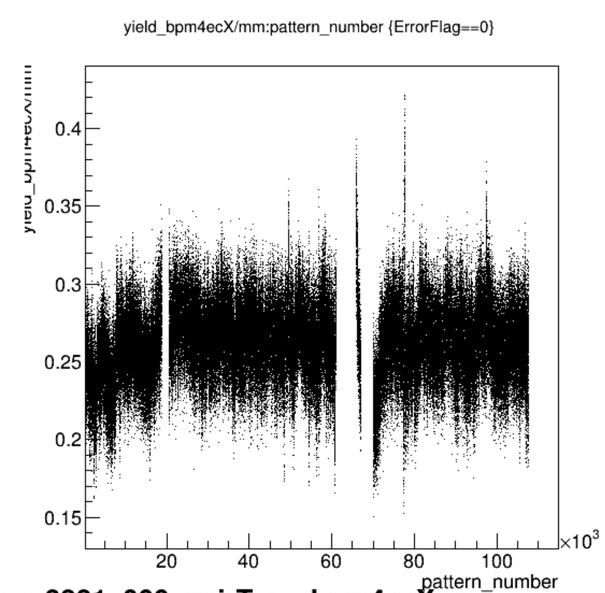

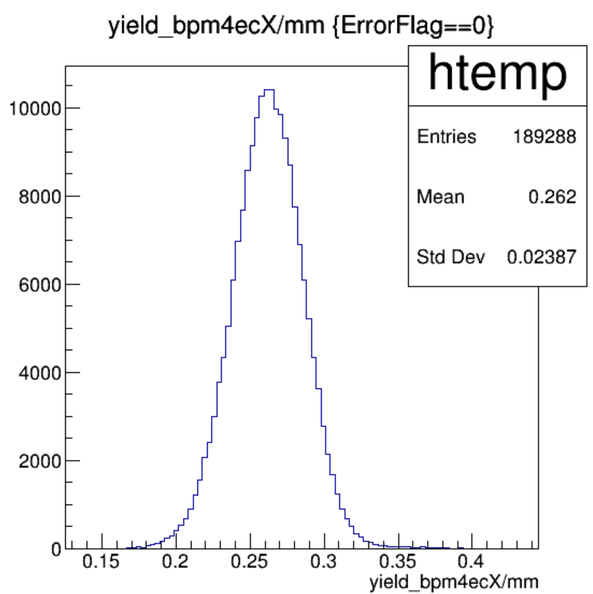

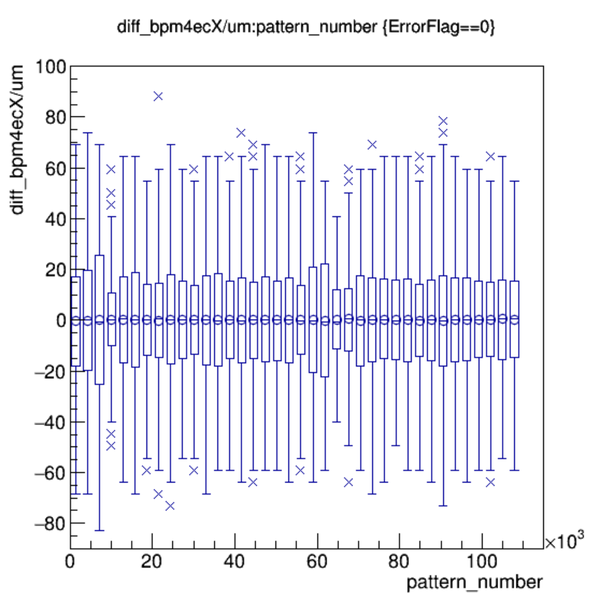

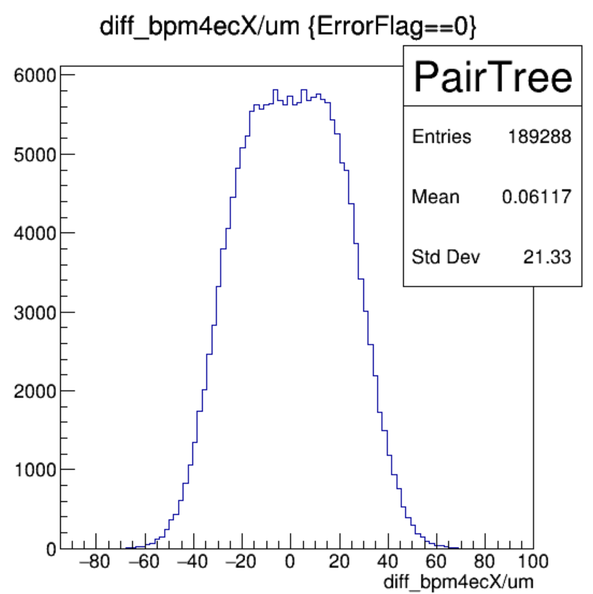

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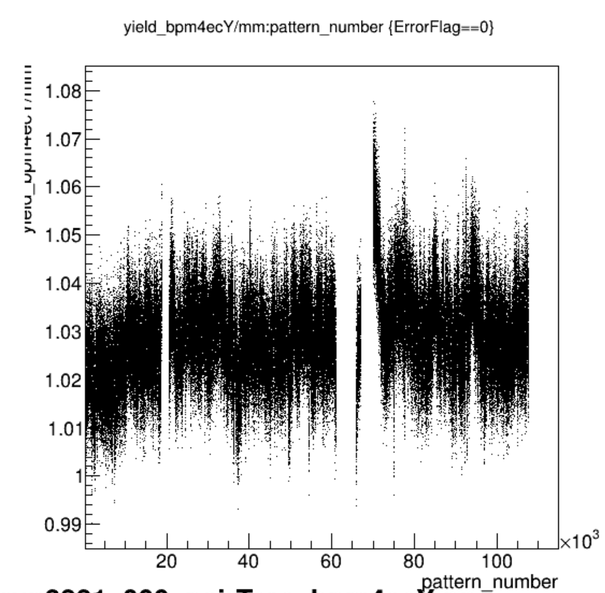

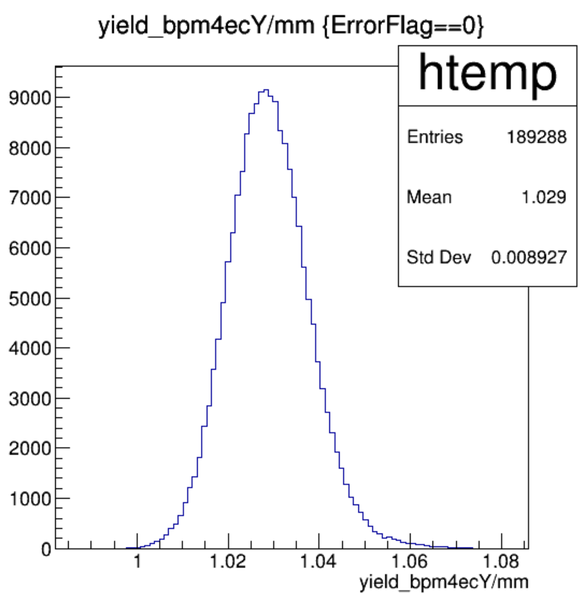

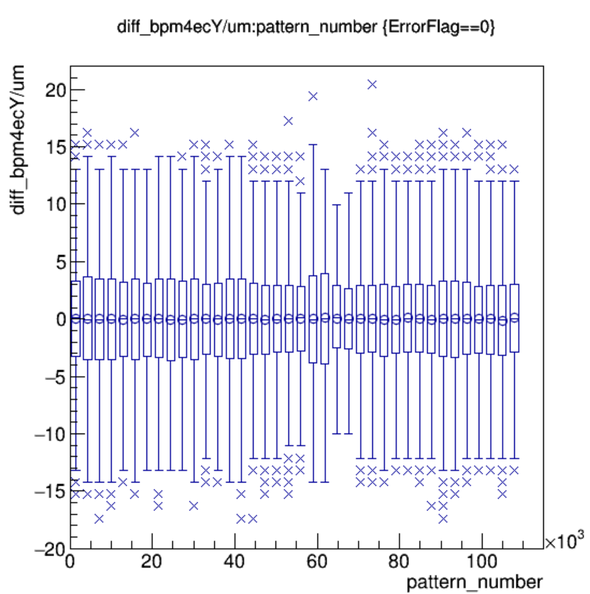

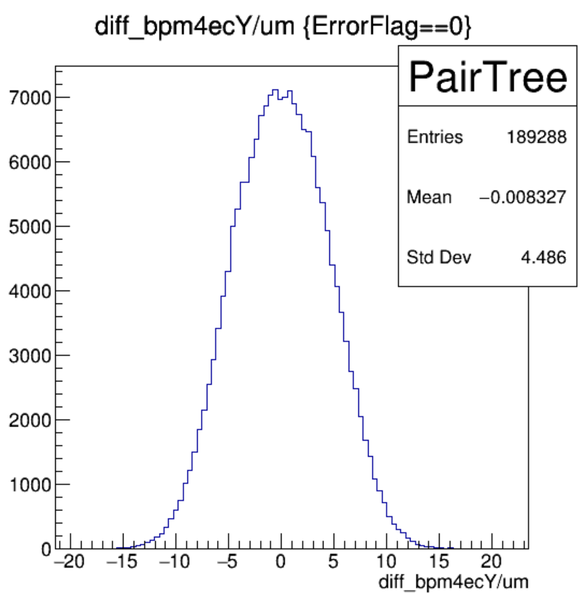

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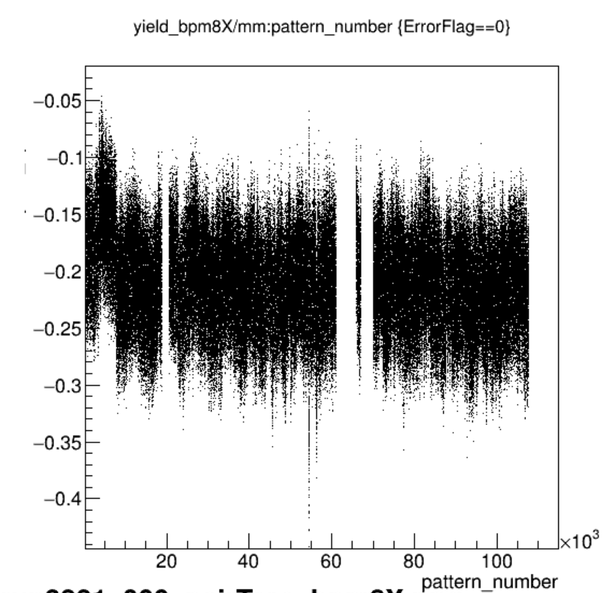

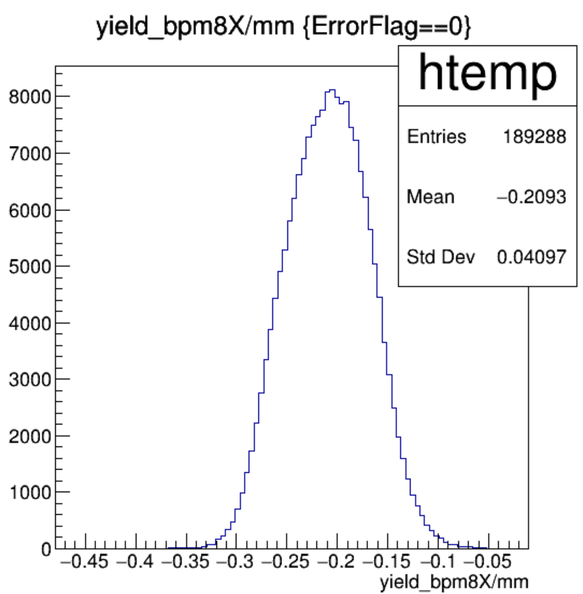

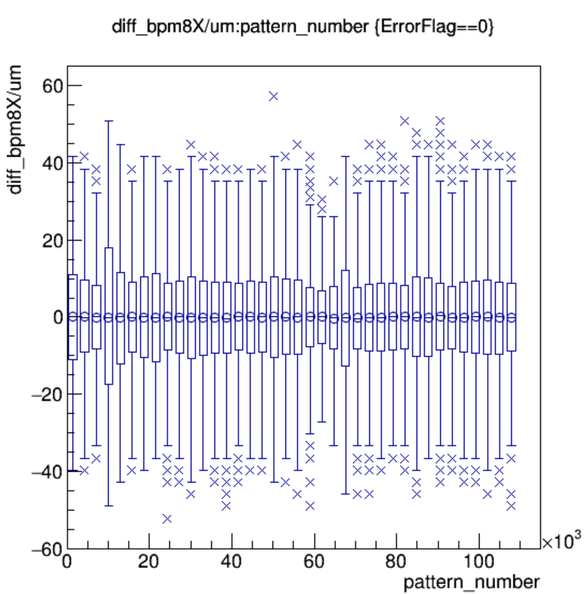

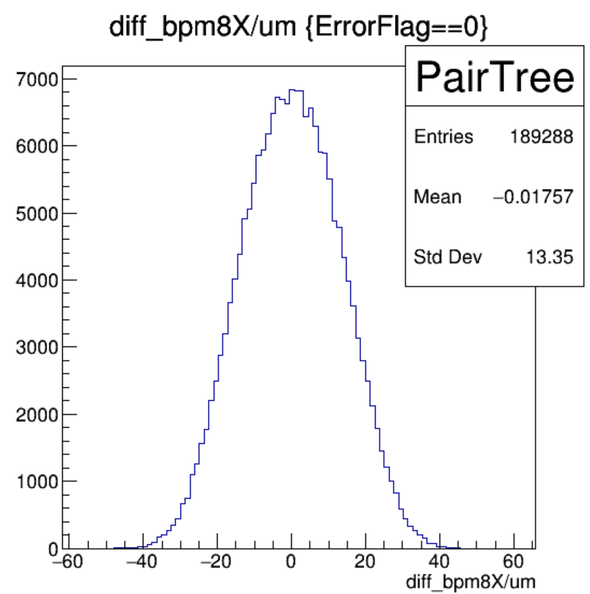

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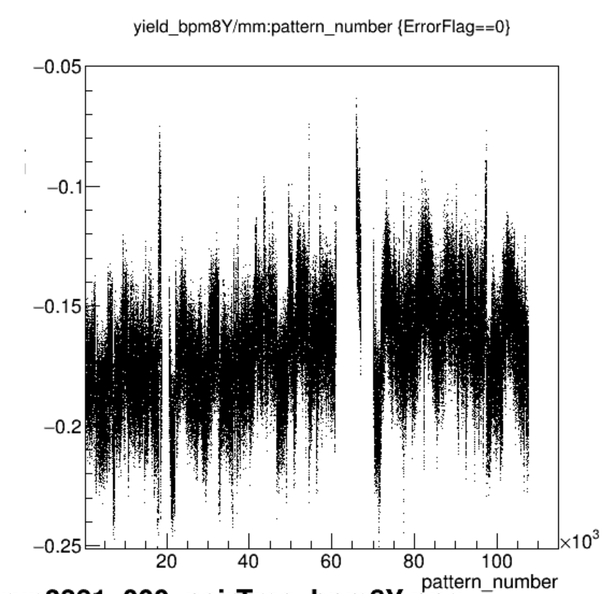
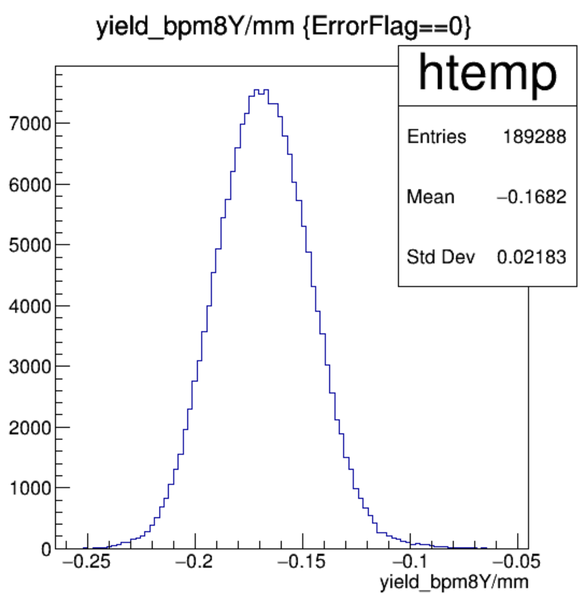
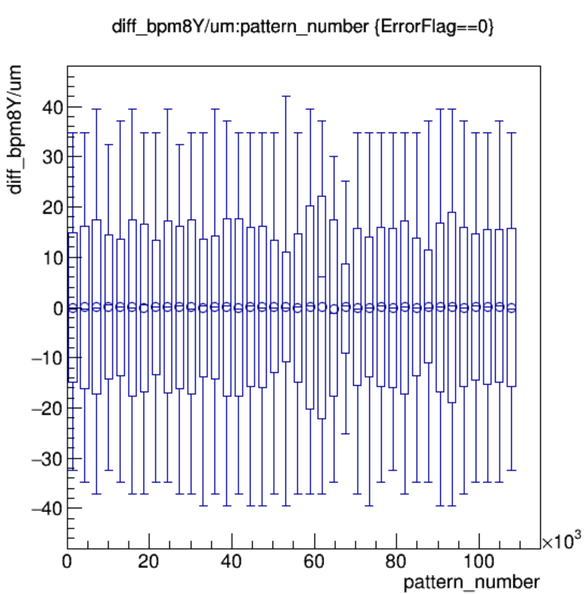
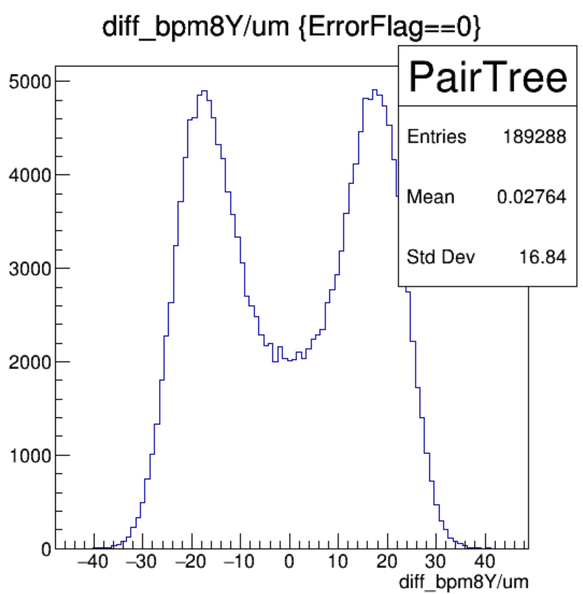
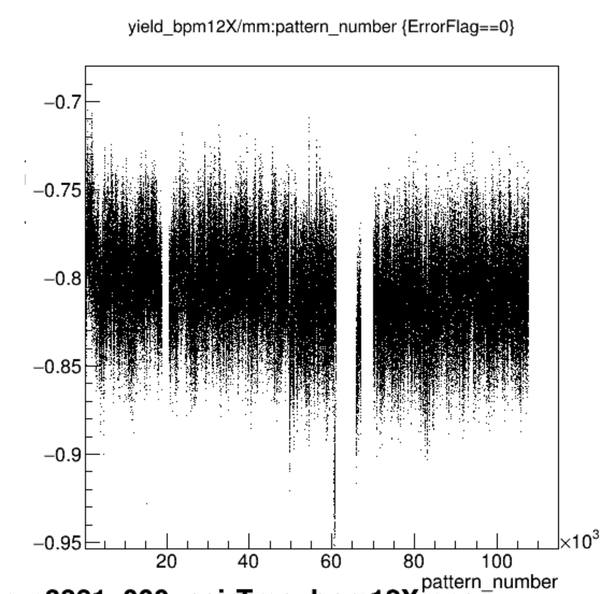


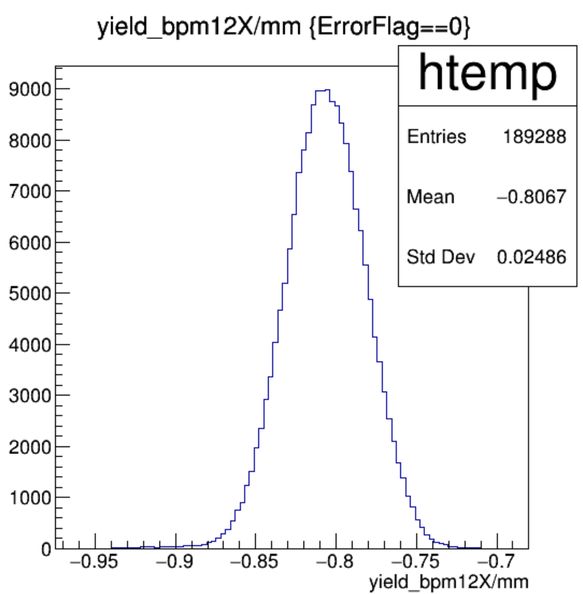


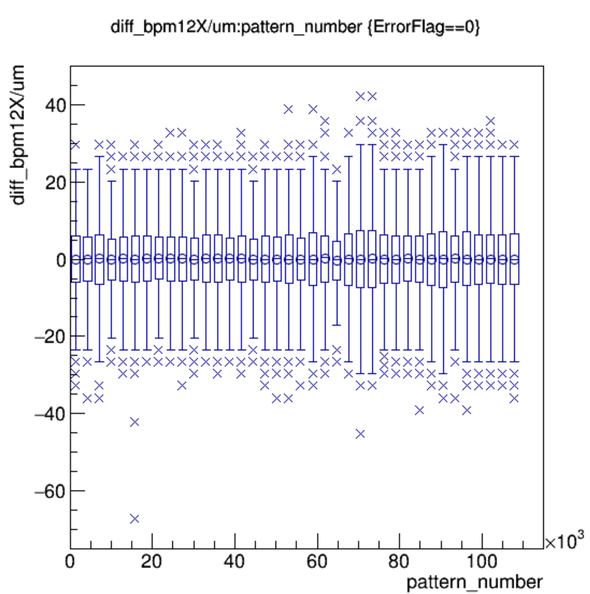


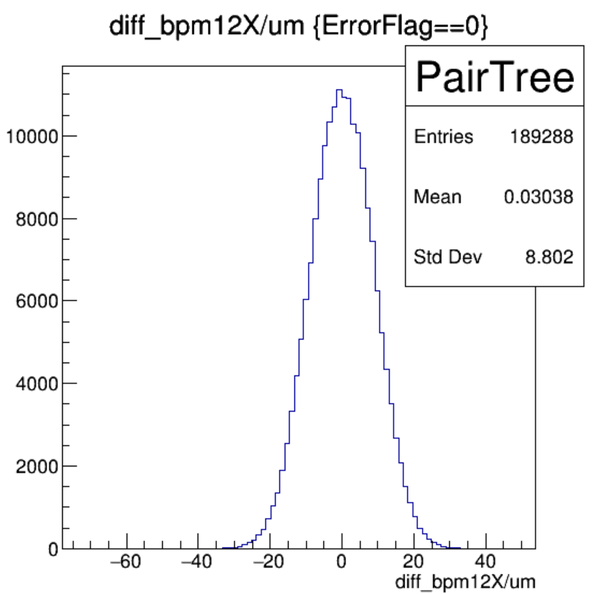


run3381_000_pairTree_bpm8Y.png









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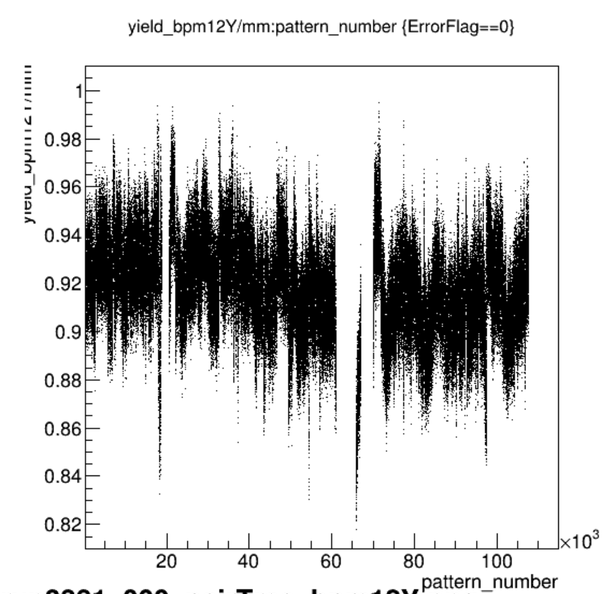

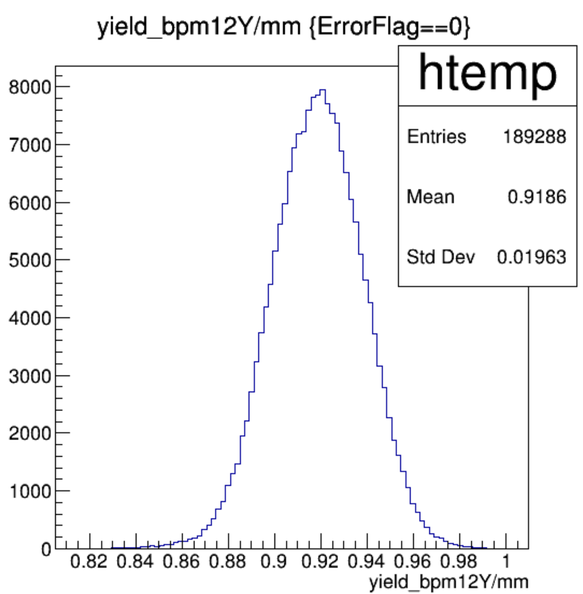

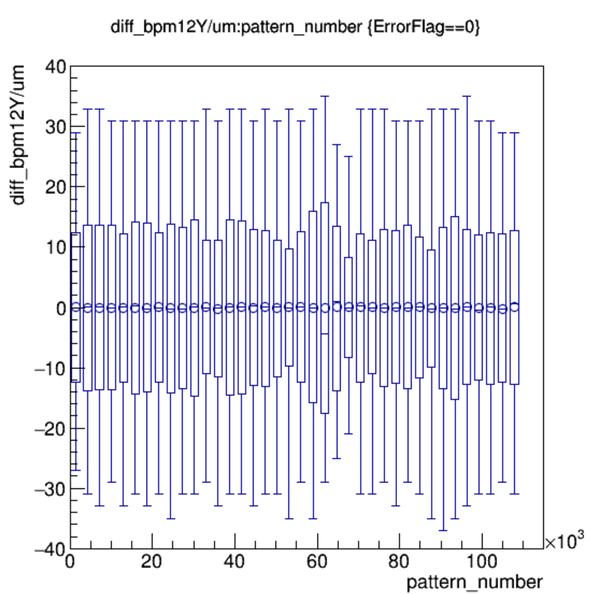

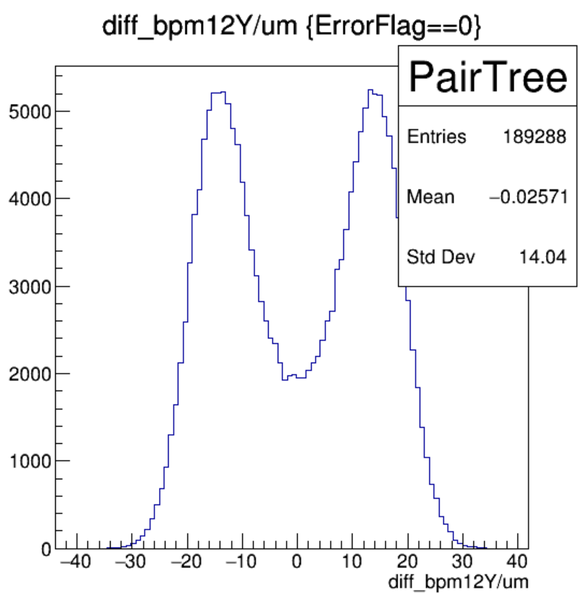

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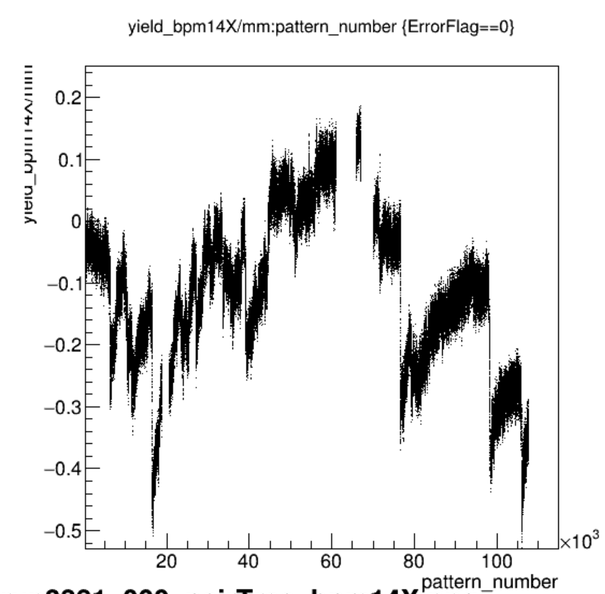

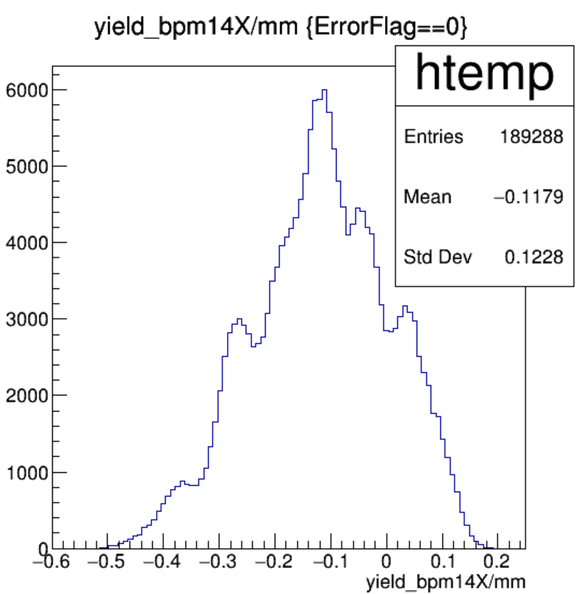

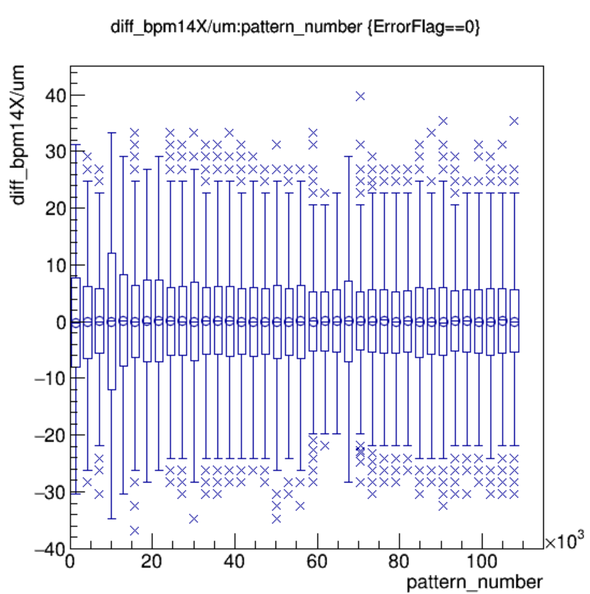

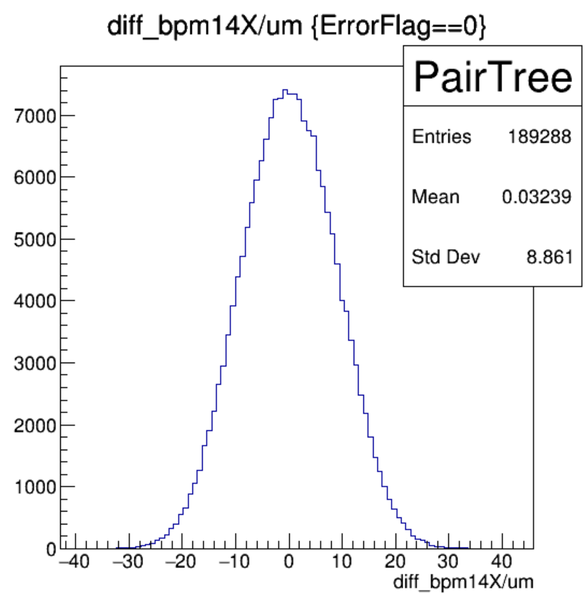

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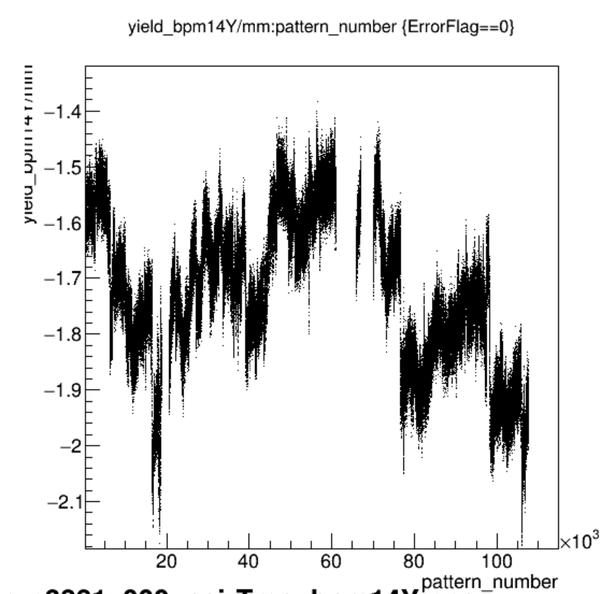

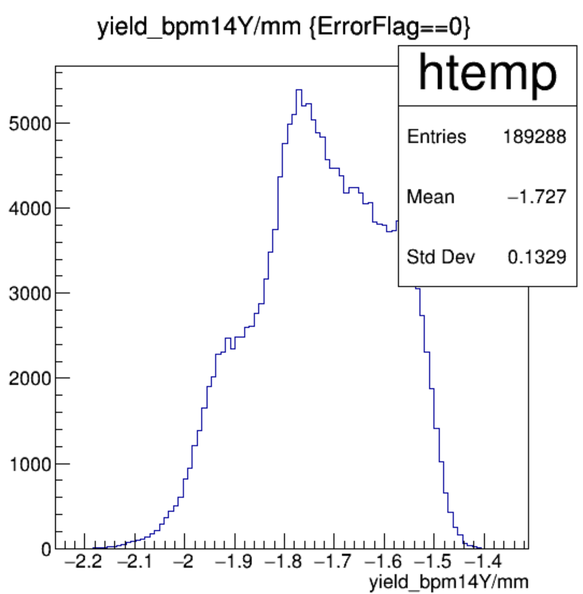

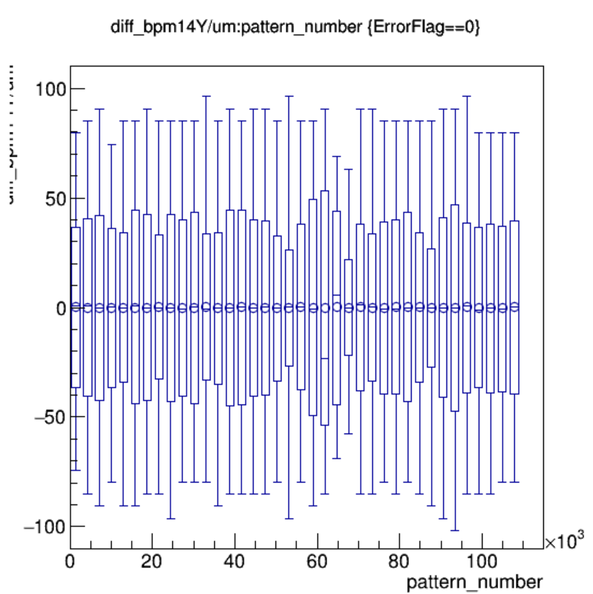

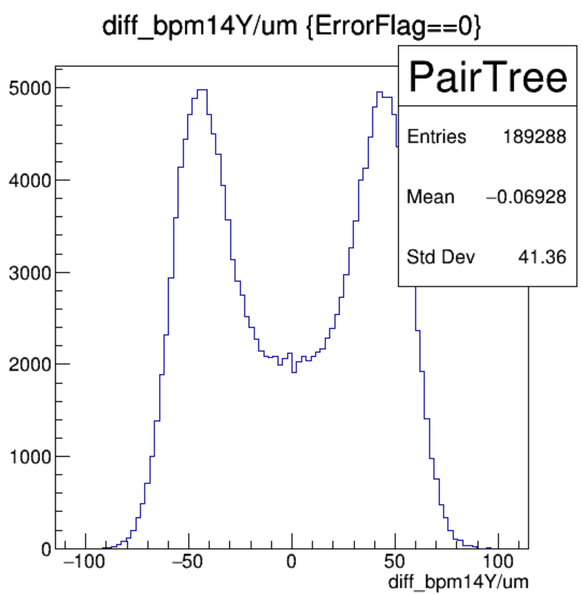

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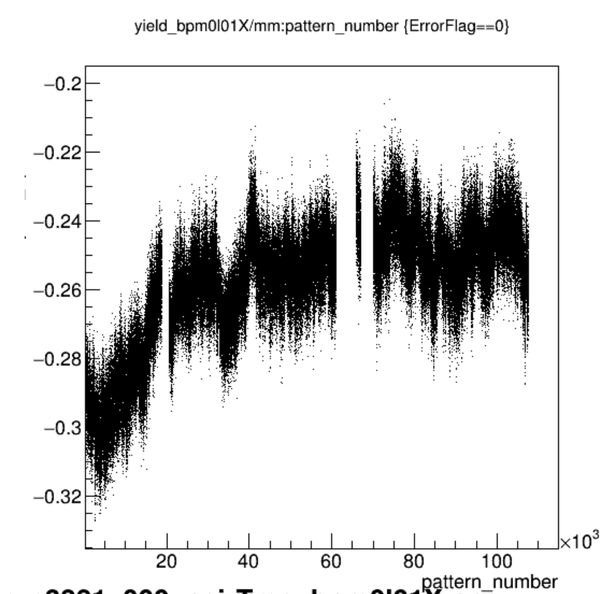

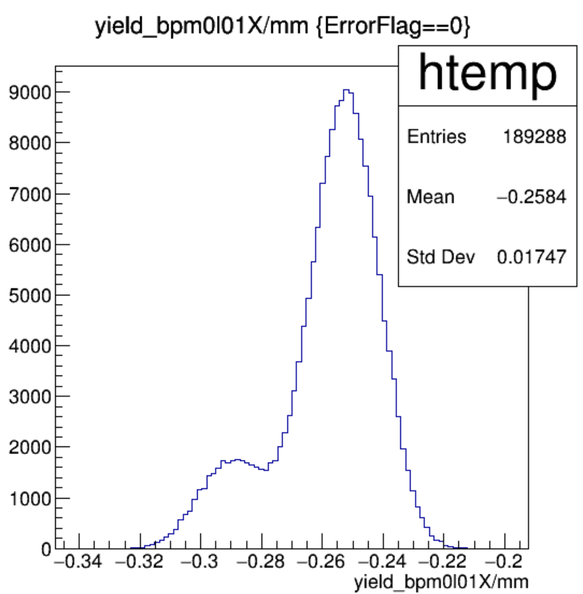

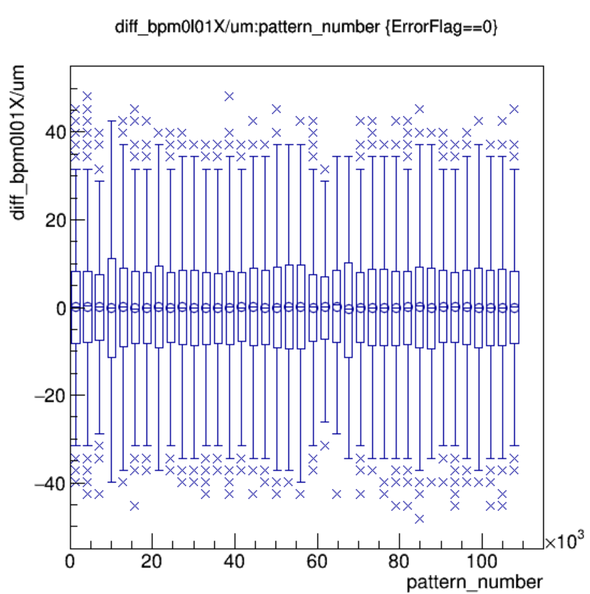

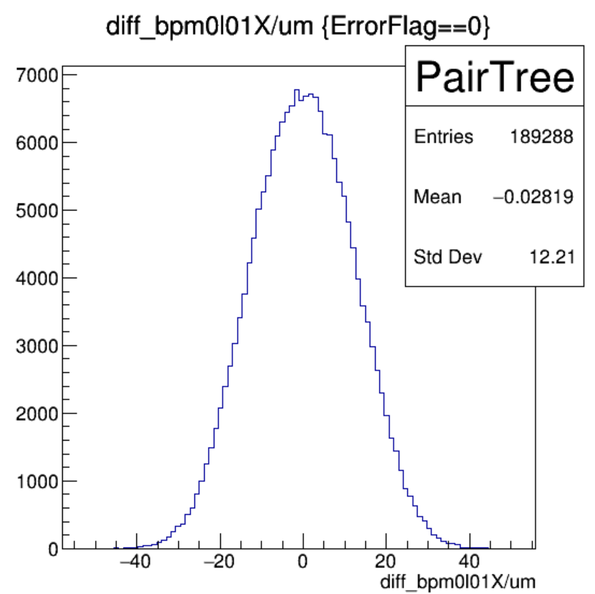

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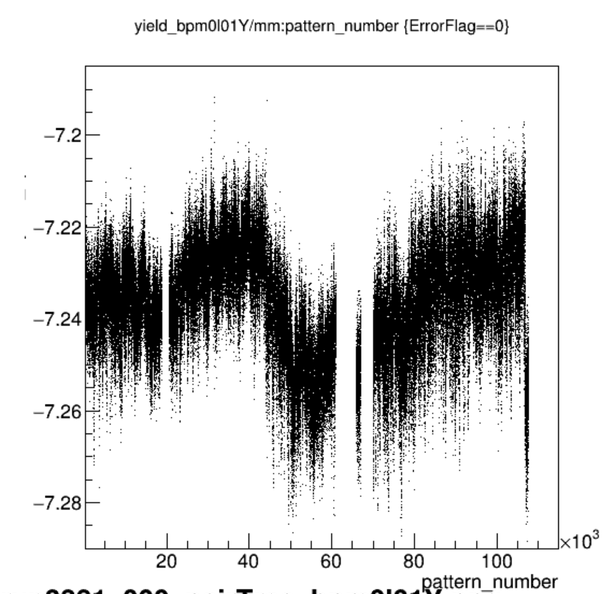

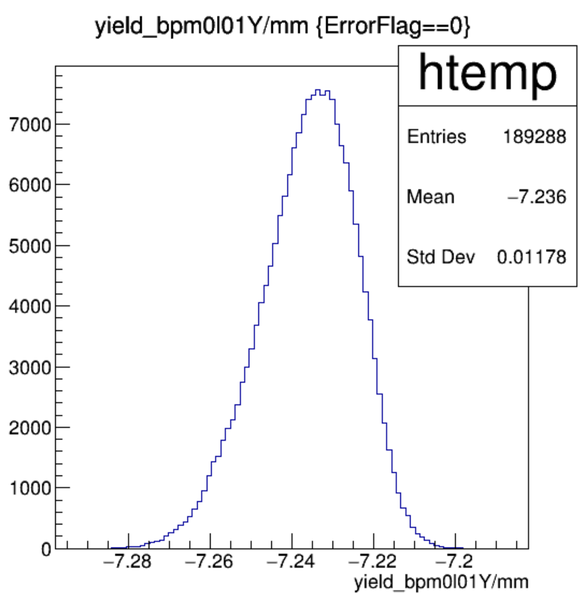

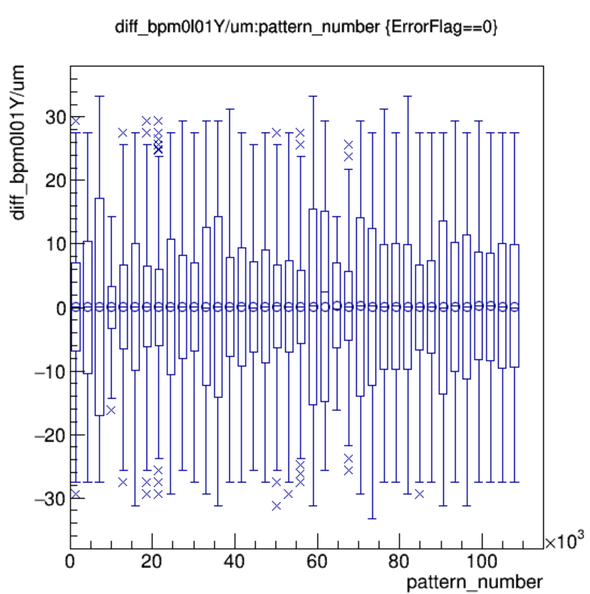

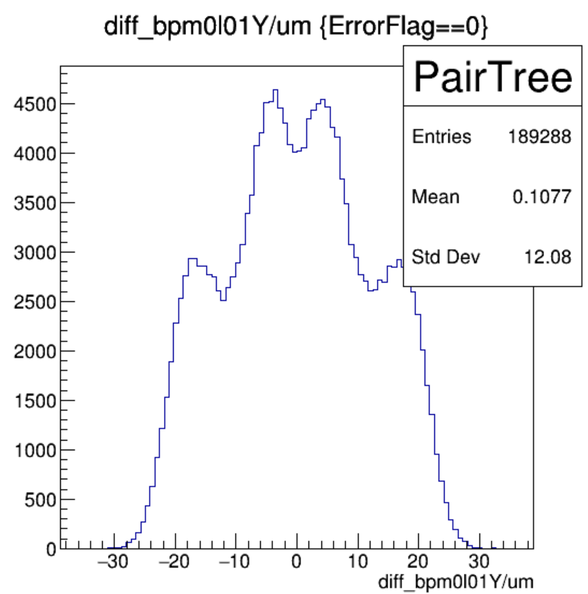

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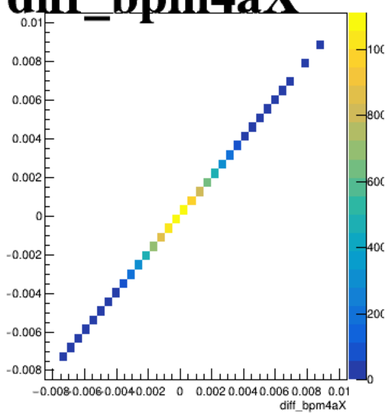
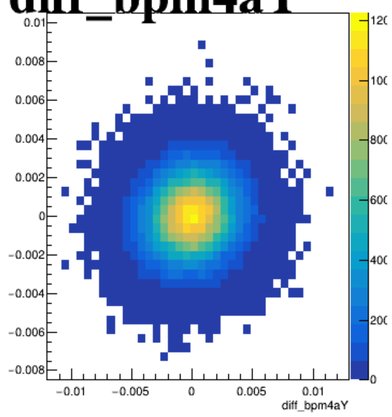
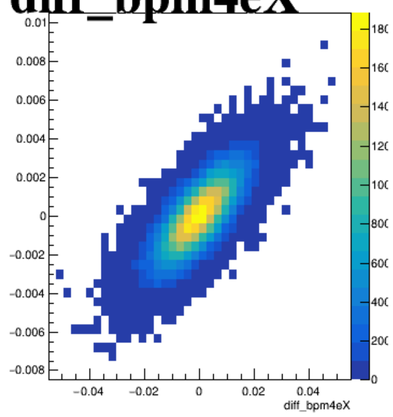
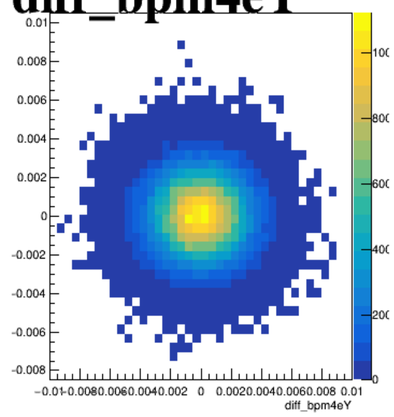
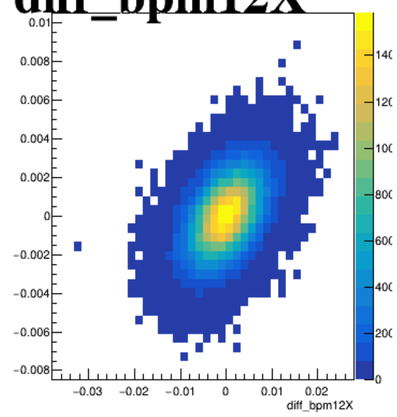
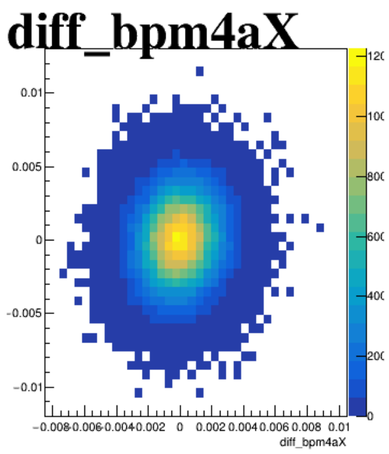
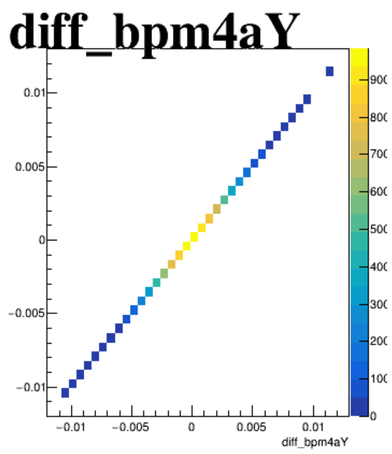
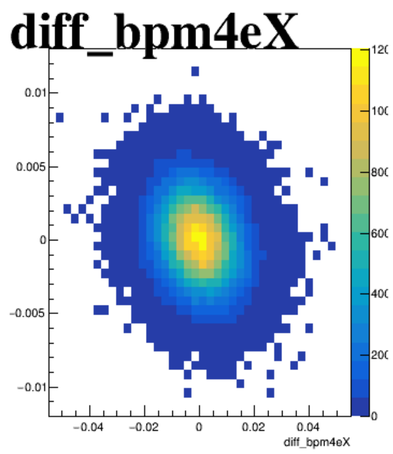
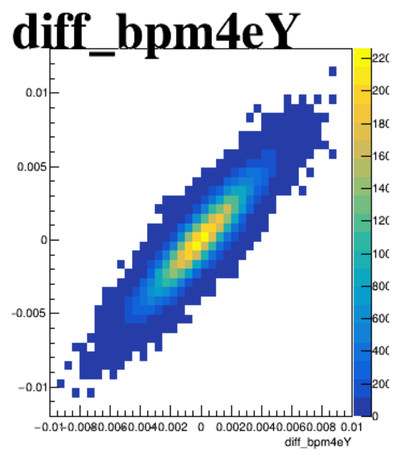
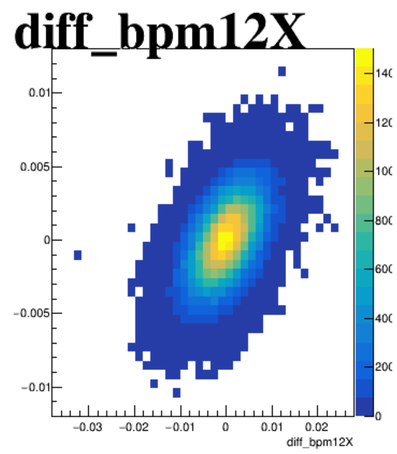
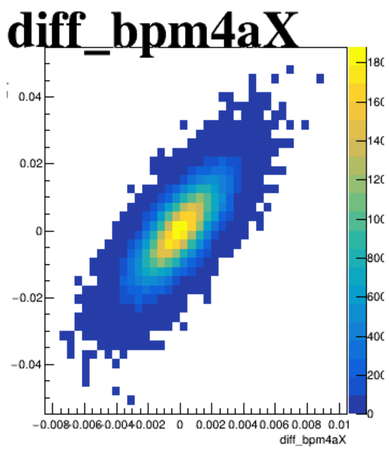
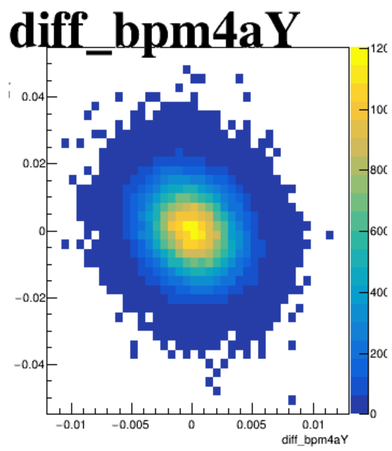
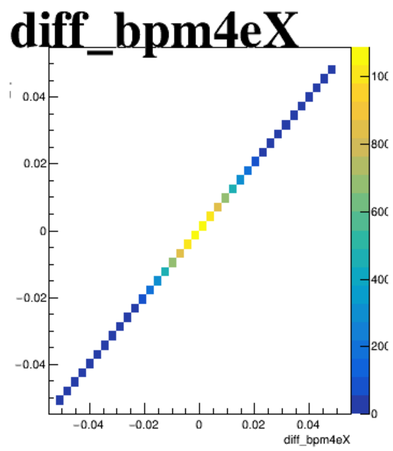
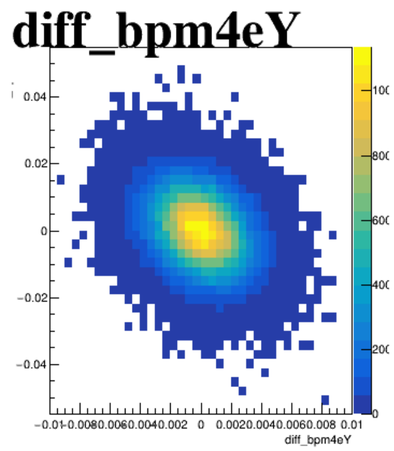
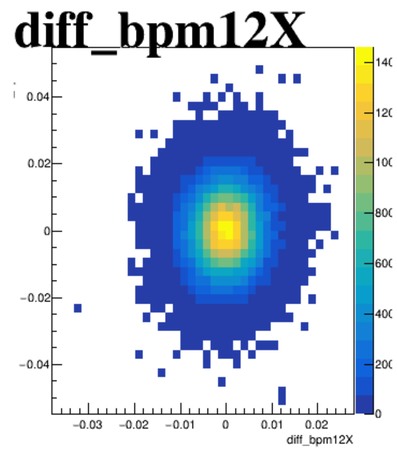
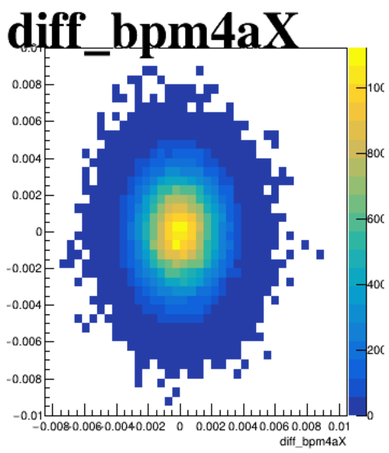
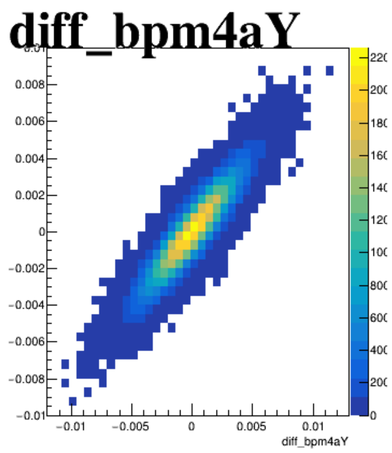
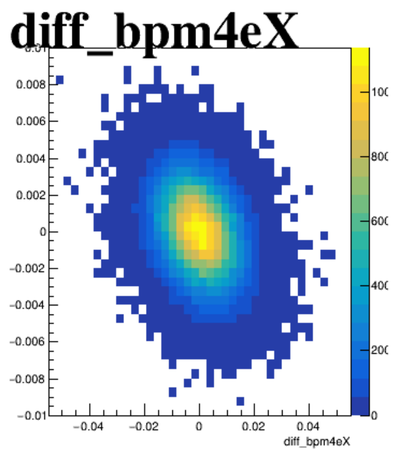
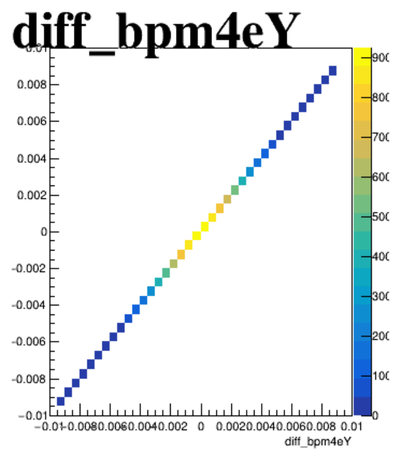
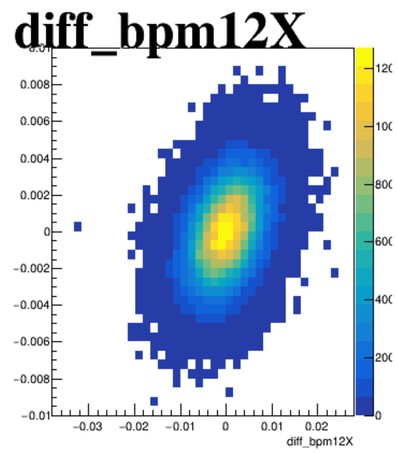
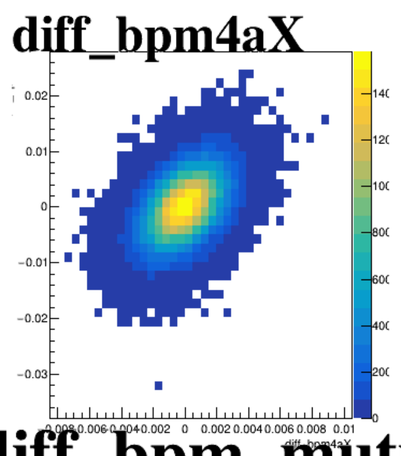
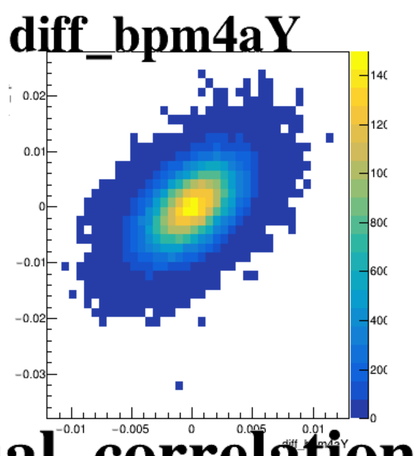
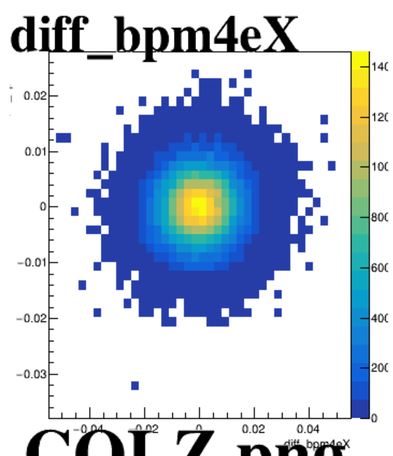
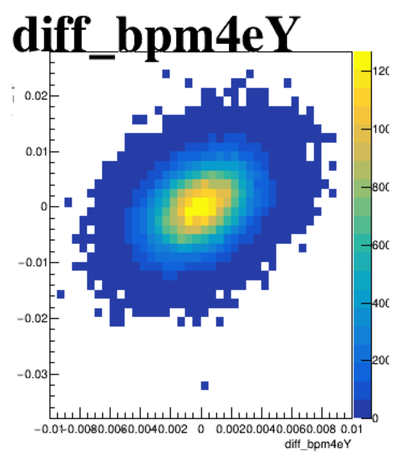
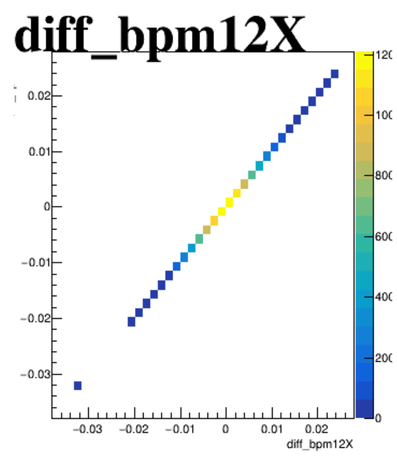
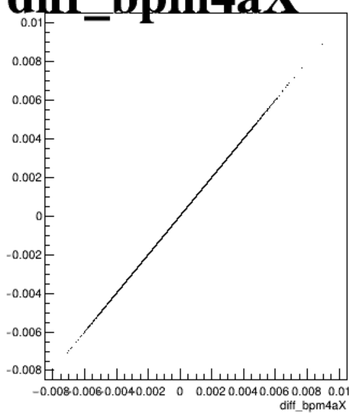
diff_bpm4aX					
diff_bpm4aY					
diff_bpm4eX					
diff_bpm4eY					
diff_bpm12X					

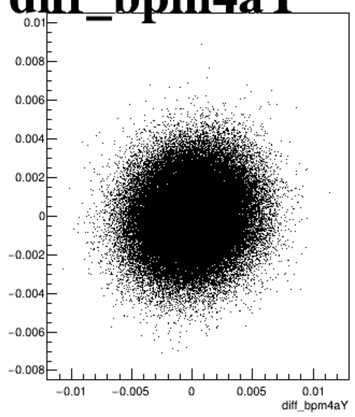
run3381_000_diff_bpm_mutual_correlation_COLZ.png

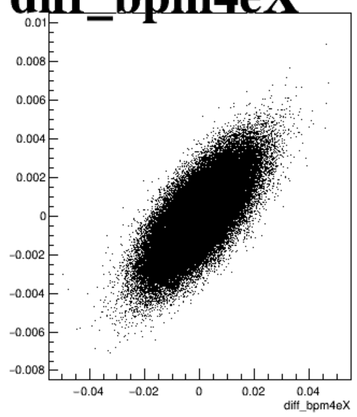
diff_bpm4aX	**diff_bpm4aX**	**diff_bpm4aY**	**diff_bpm4eX**	**diff_bpm4eY**	**diff_bpm12X**
	χ^2 / ndf 24.38 / 32 p0 −4.251e−08 ± 1.824e−07 p1 0.9987 ± 0.0001	χ^2 / ndf 38 / 35 p0 8.792e−06 ± 5.323e−06 p1 0.07033 ± 0.00253	χ^2 / ndf 30.25 / 31 p0 1.447e−06 ± 3.631e−06 p1 0.1252 ± 0.0004	χ^2 / ndf 31.34 / 36 p0 8.441e−06 ± 5.369e−06 p1 −0.006998 ± 0.003037	χ^2 / ndf 21.76 / 28 p0 1.85e−06 ± 4.80e−06 p1 0.1416 ± 0.0011
diff_bpm4aY	**diff_bpm4aX**	**diff_bpm4aY**	**diff_bpm4eX**	**diff_bpm4eY**	**diff_bpm12X**
	χ^2 / ndf 34.56 / 32 p0 3.055e−06 ± 7.925e−06 p1 0.1479 ± 0.0056	χ^2 / ndf 24.88 / 35 p0 −2.07e−07 ± 2.49e−07 p1 0.9991 ± 0.0001	χ^2 / ndf 24.59 / 31 p0 6.943e−06 ± 7.817e−06 p1 −0.04976 ± 0.00094	χ^2 / ndf 38.18 / 36 p0 6.433e−06 ± 3.390e−06 p1 1.066 ± 0.002	χ^2 / ndf 37.44 / 28 p0 −7.887e−07 ± 6.974e−06 p1 0.2304 ± 0.0016
diff_bpm4eX	**diff_bpm4aX**	**diff_bpm4aY**	**diff_bpm4eX**	**diff_bpm4eY**	**diff_bpm12X**
	χ^2 / ndf 21.22 / 32 p0 1.976e−05 ± 2.123e−05 p1 4.281 ± 0.015	χ^2 / ndf 22.2 / 35 p0 6.603e−05 ± 3.066e−05 p1 −0.7417 ± 0.0145	χ^2 / ndf 22.84 / 31 p0 −1.399e−06 ± 1.096e−06 p1 0.9986 ± 0.0001	χ^2 / ndf 30.72 / 36 p0 5.988e−05 ± 2.988e−05 p1 −1.385 ± 0.017	χ^2 / ndf 24.01 / 28 p0 4.156e−05 ± 3.127e−05 p1 0.06046 ± 0.00708
diff_bpm4eY	**diff_bpm4aX**	**diff_bpm4aY**	**diff_bpm4eX**	**diff_bpm4eY**	**diff_bpm12X**
	χ^2 / ndf 35.11 / 32 p0 −1.224e−06 ± 6.775e−06 p1 −0.01533 ± 0.00477	χ^2 / ndf 36.02 / 35 p0 −5.165e−06 ± 2.870e−06 p1 0.7693 ± 0.0014	χ^2 / ndf 24.65 / 31 p0 9.954e−07 ± 6.456e−06 p1 −0.06586 ± 0.00078	χ^2 / ndf 34.69 / 36 p0 −2.67e−07 ± 2.02e−07 p1 0.9992 ± 0.0001	χ^2 / ndf 26.59 / 28 p0 −4.342e−06 ± 6.362e−06 p1 0.1413 ± 0.0014
diff_bpm12X	**diff_bpm4aX**	**diff_bpm4aY**	**diff_bpm4eX**	**diff_bpm4eY**	**diff_bpm12X**
	χ^2 / ndf 28.43 / 32 p0 1.351e−05 ± 1.518e−05 p1 1.412 ± 0.011	χ^2 / ndf 67.31 / 35 p0 2.67e−05 ± 1.48e−05 p1 1.043 ± 0.007	χ^2 / ndf 36.43 / 31 p0 2.6e−05 ± 1.7e−05 p1 0.01525 ± 0.00204	χ^2 / ndf 51.96 / 36 p0 3.045e−05 ± 1.593e−05 p1 0.8861 ± 0.0090	χ^2 / ndf 21.14 / 28 p0 8.14e−08 ± 6.43e−07 p1 0.9986 ± 0.0001

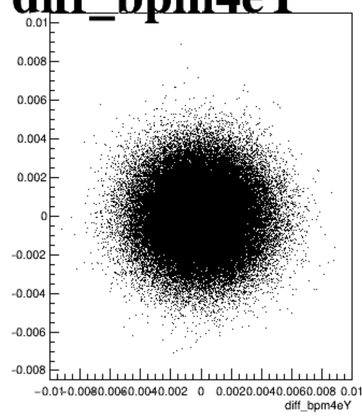
run3381_000_diff_bpm_mutual_correlation_fit.png

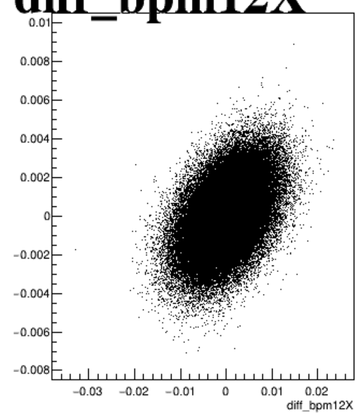
diff_bpm4aX











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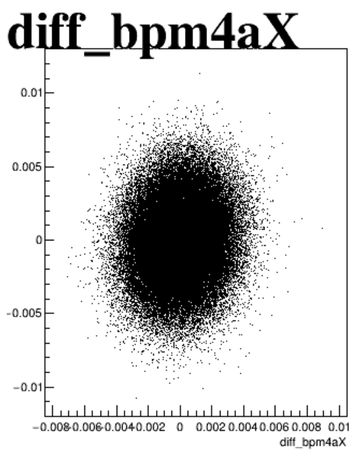

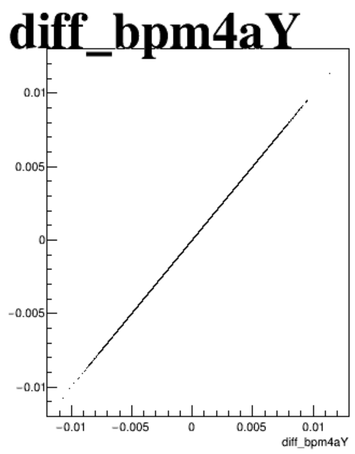

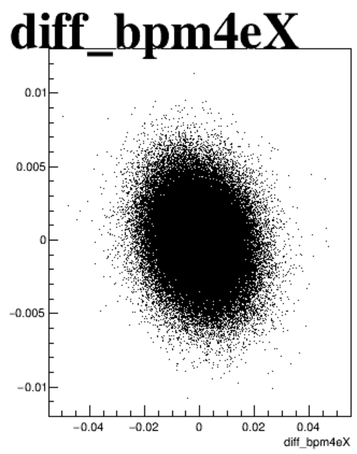

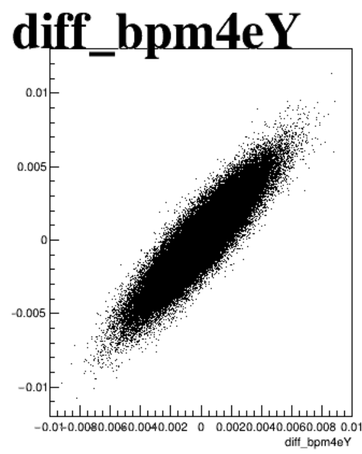

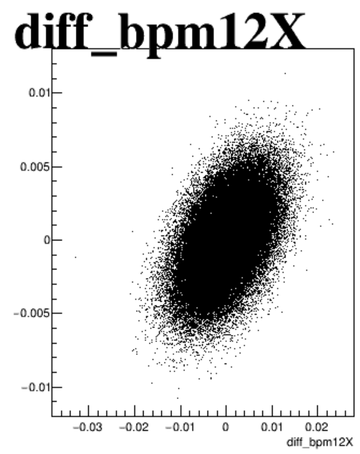

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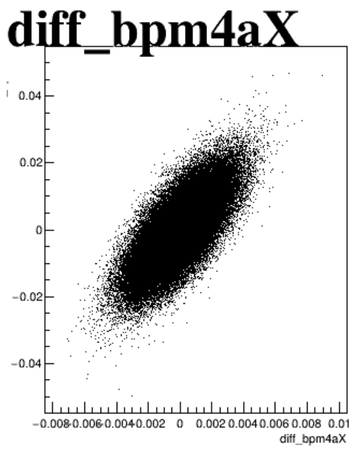

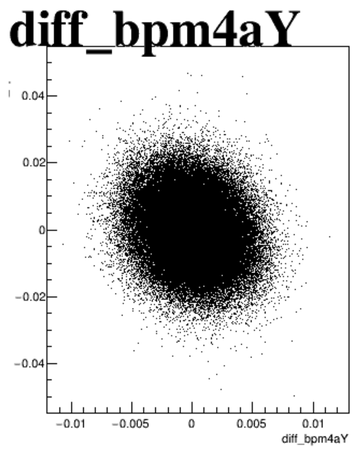

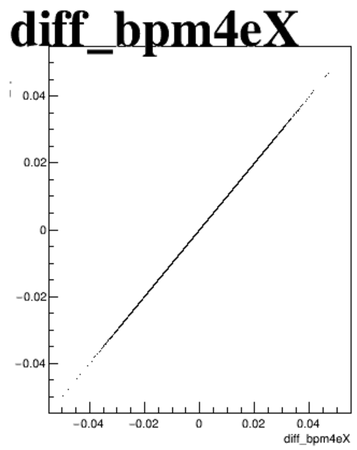

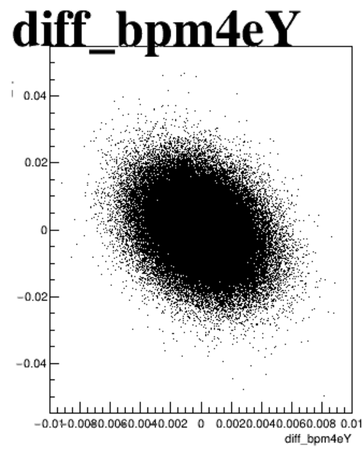

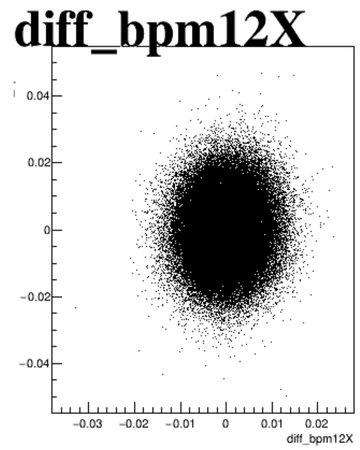

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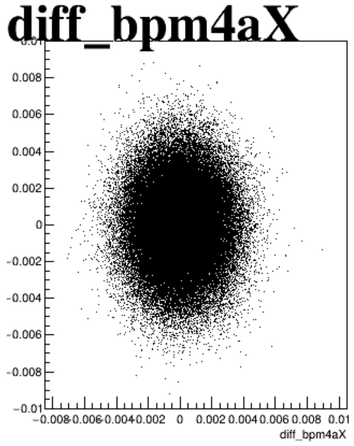

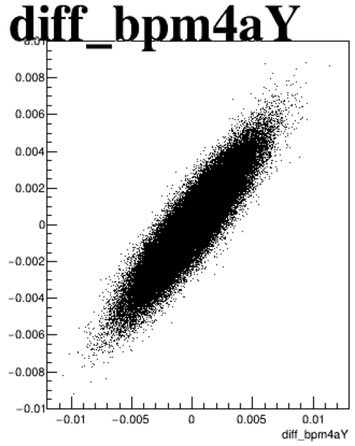

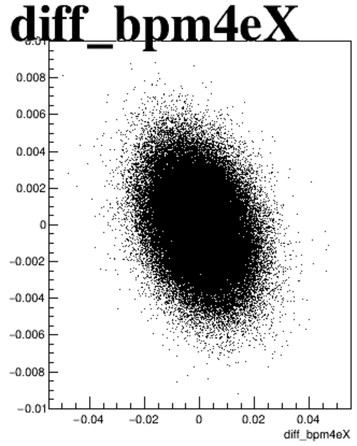

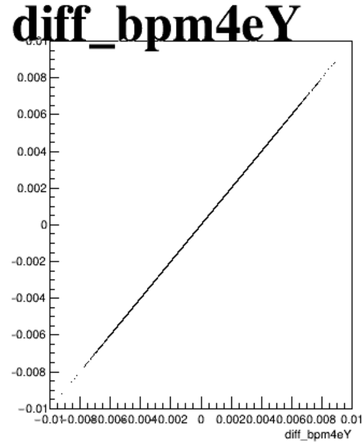

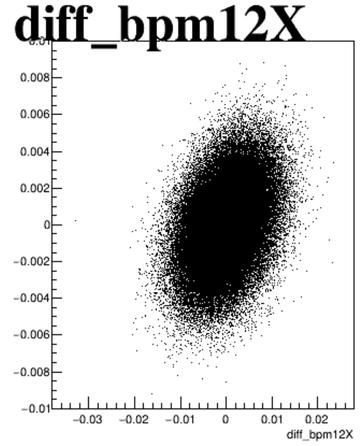

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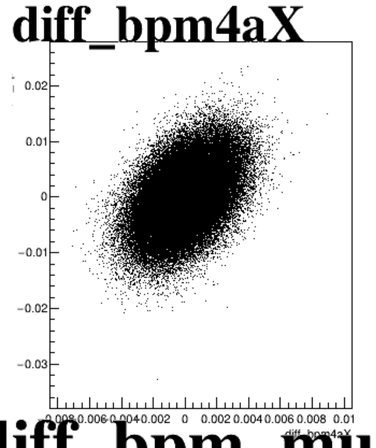

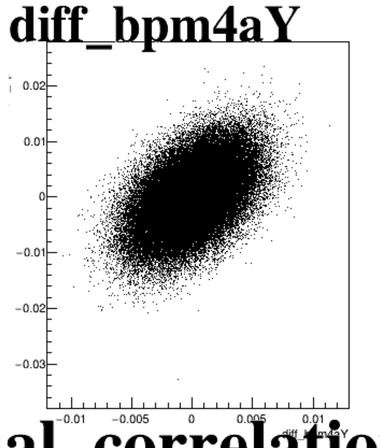

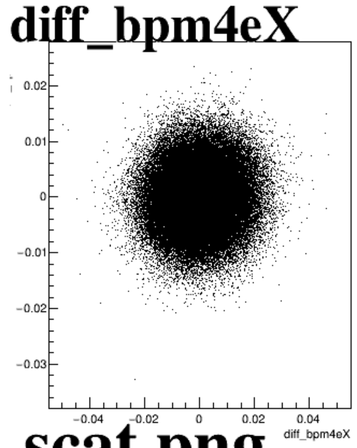

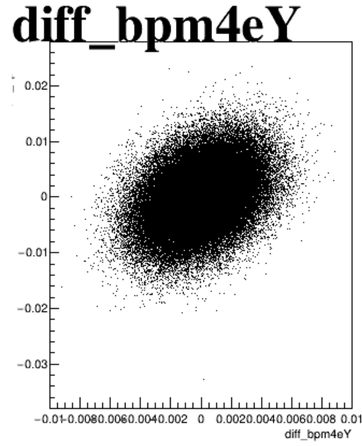

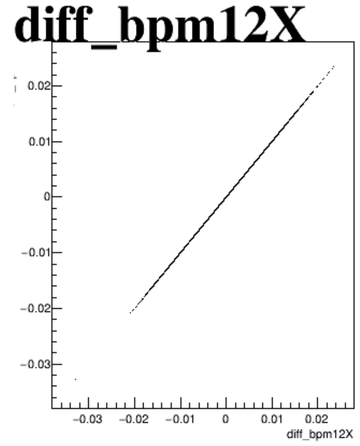

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