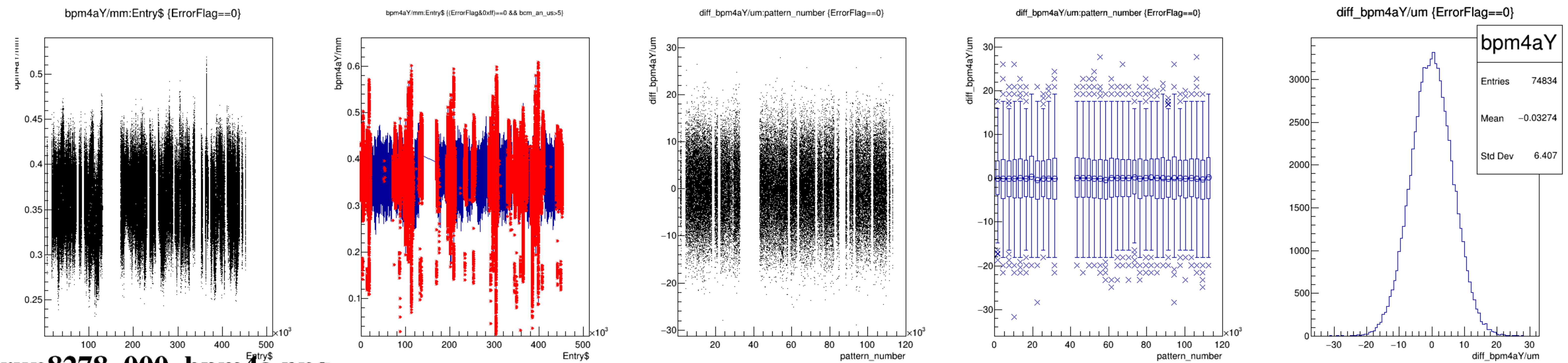
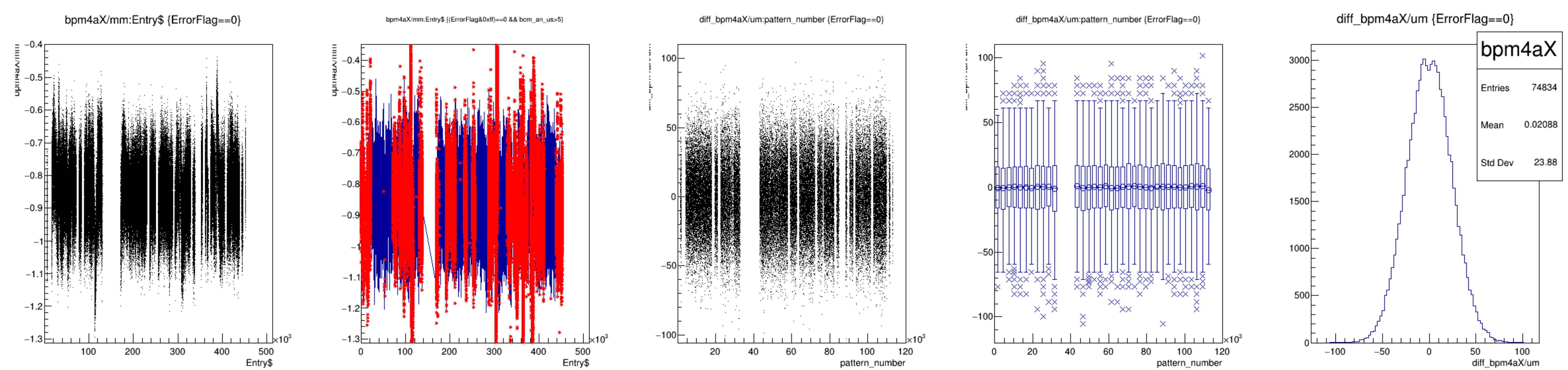
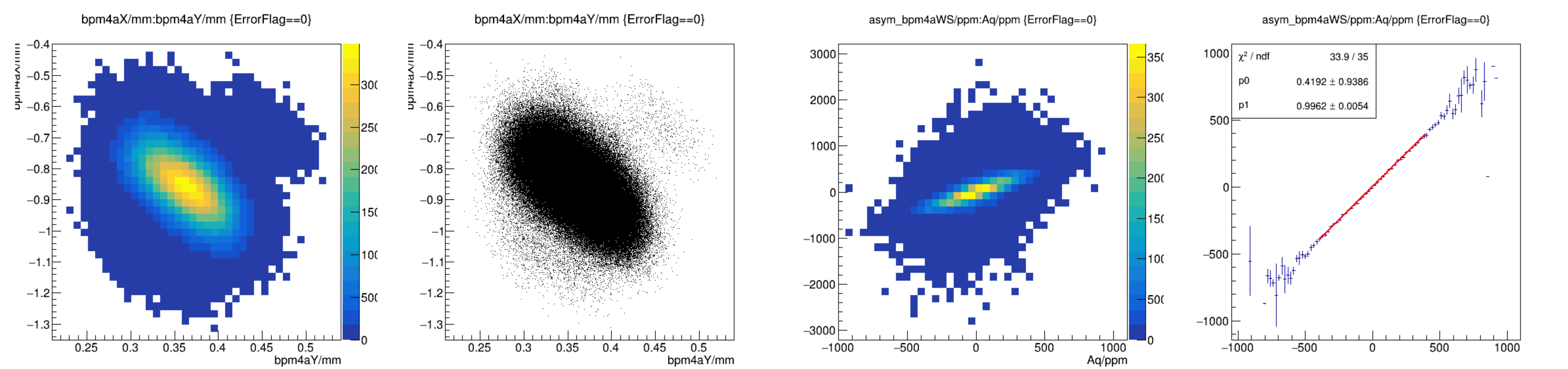
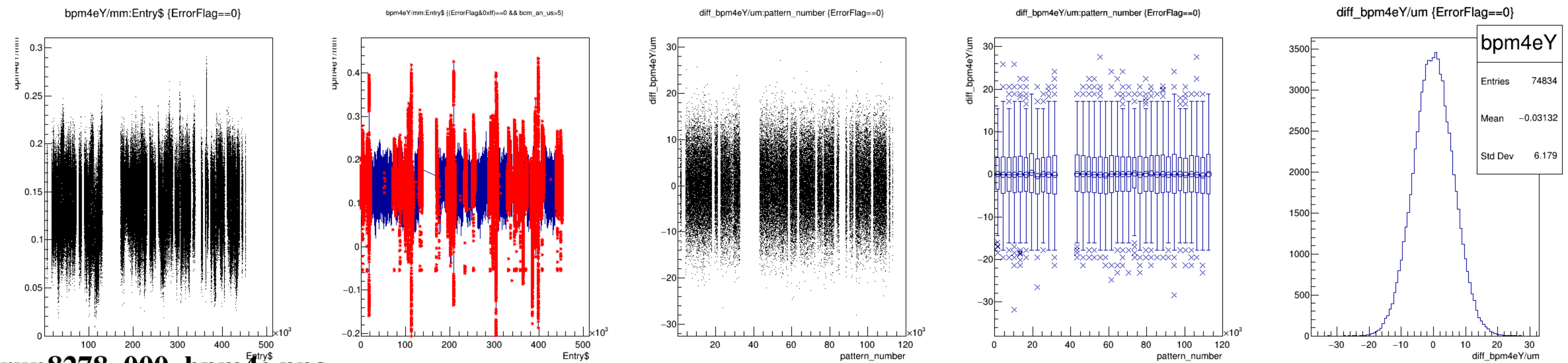
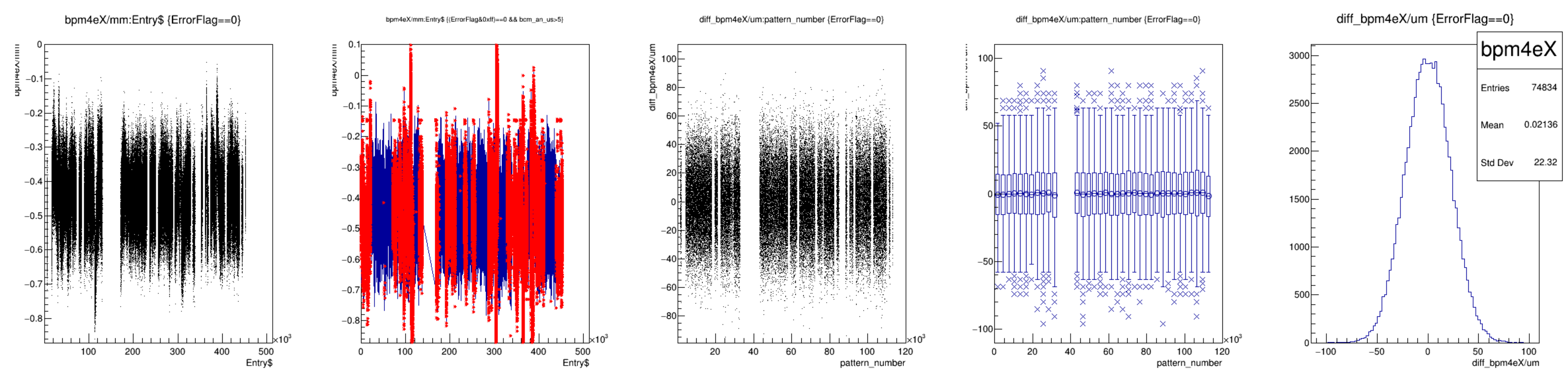
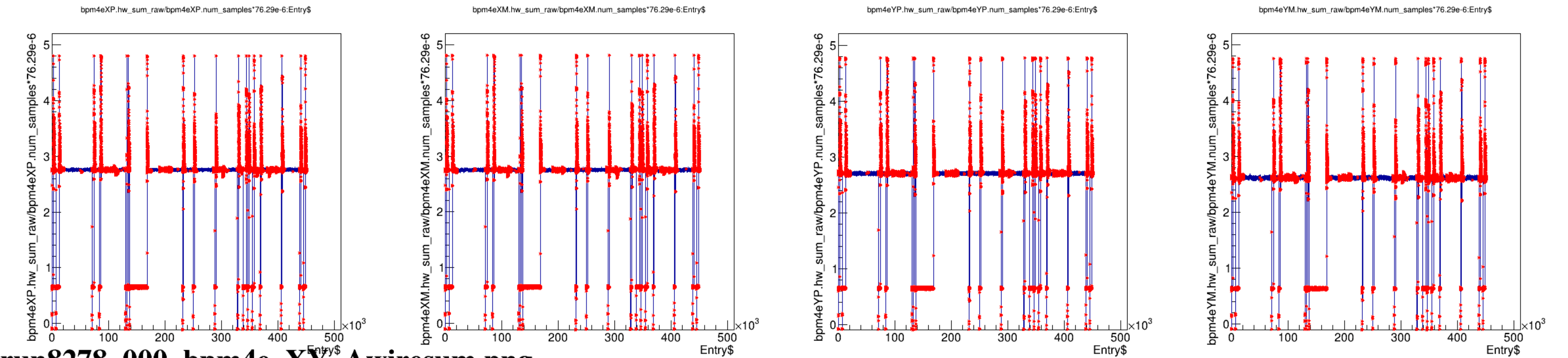
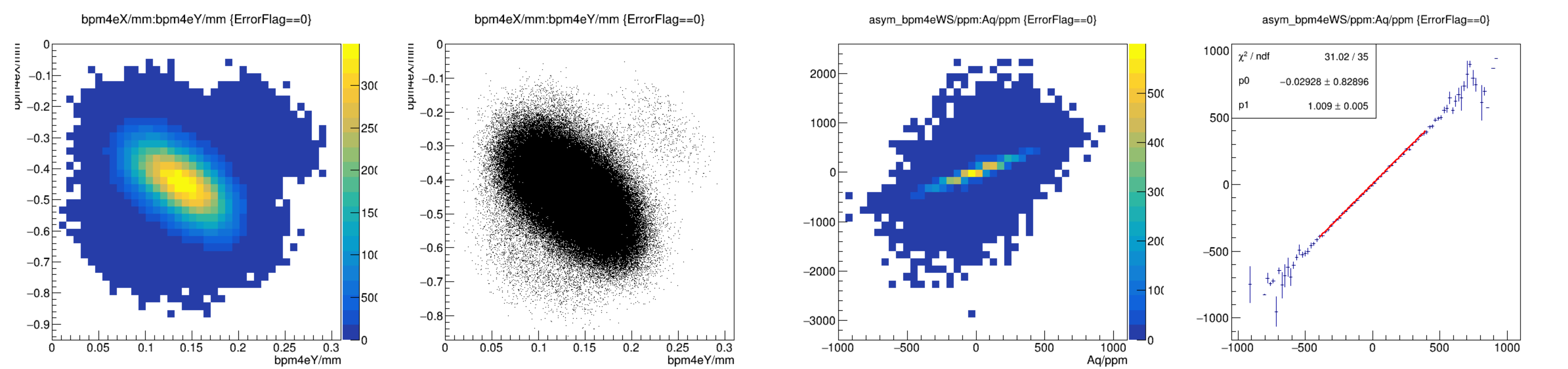
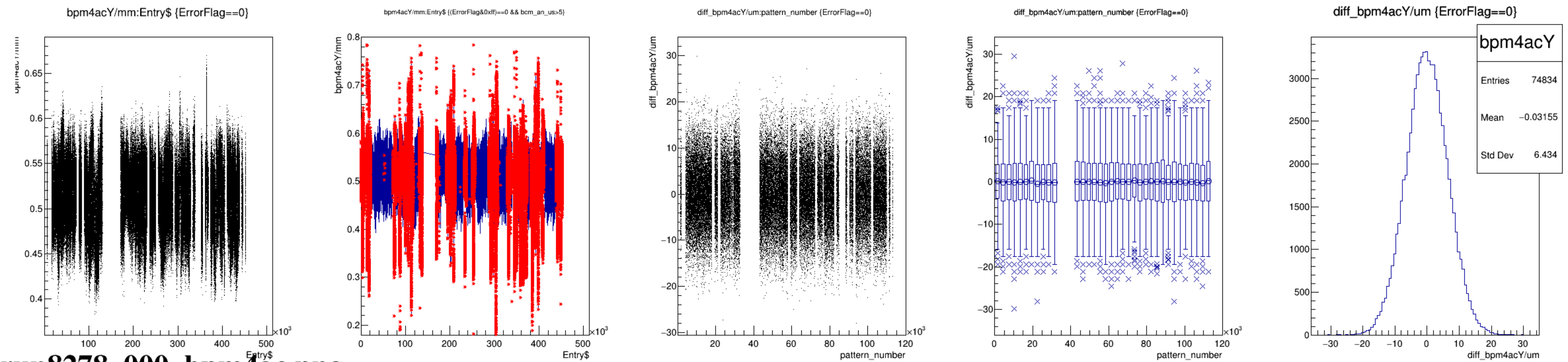
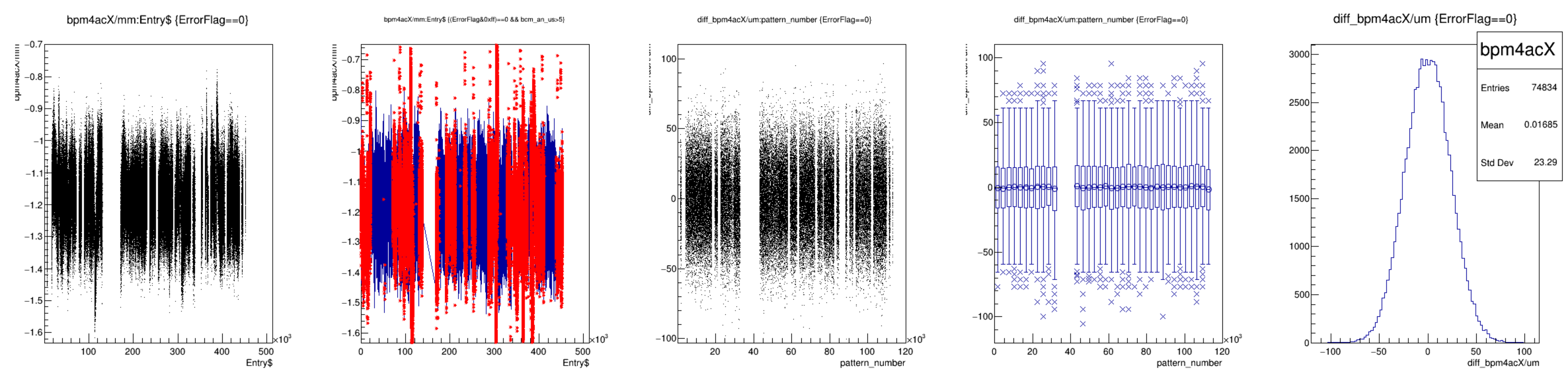


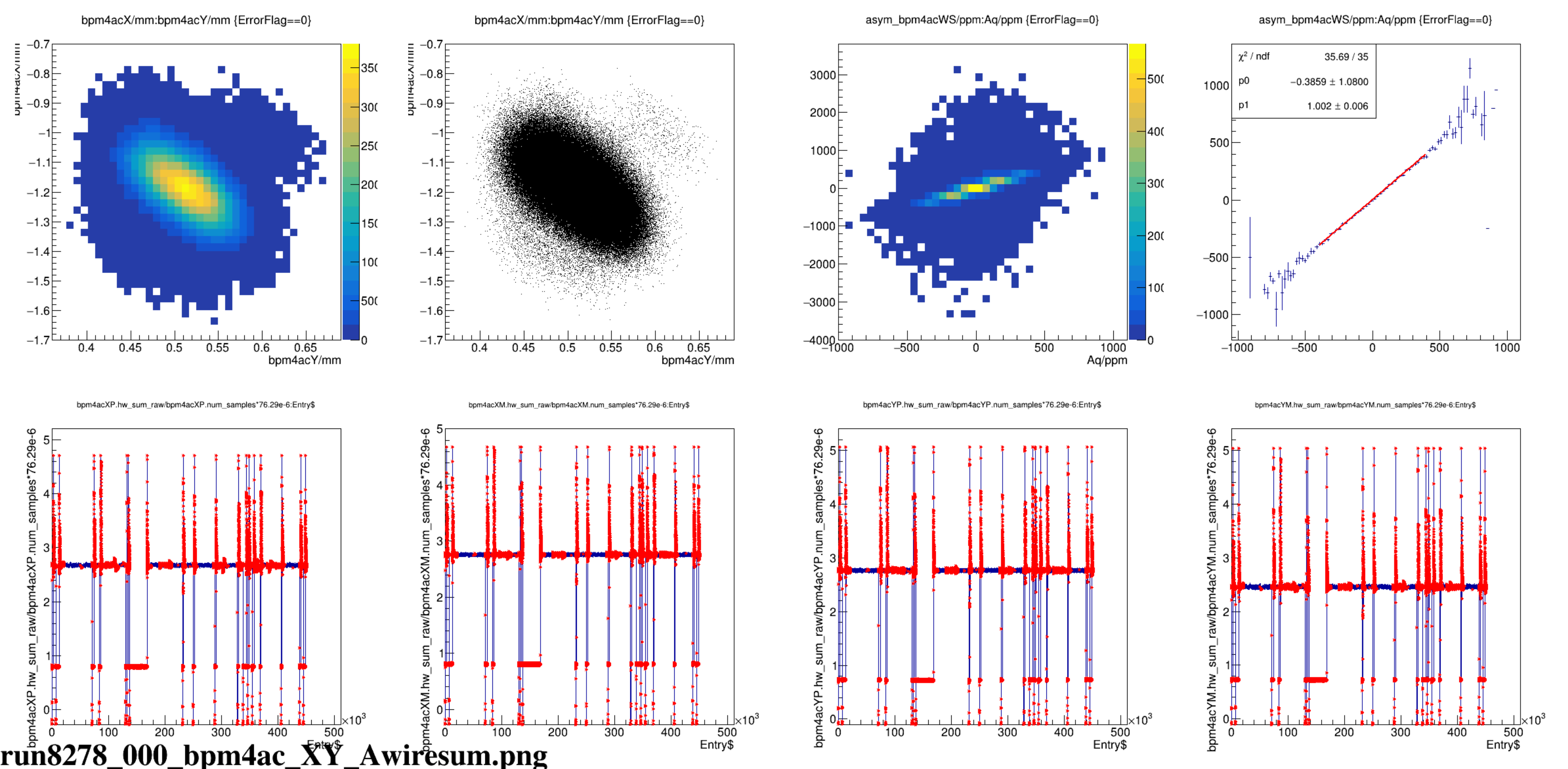


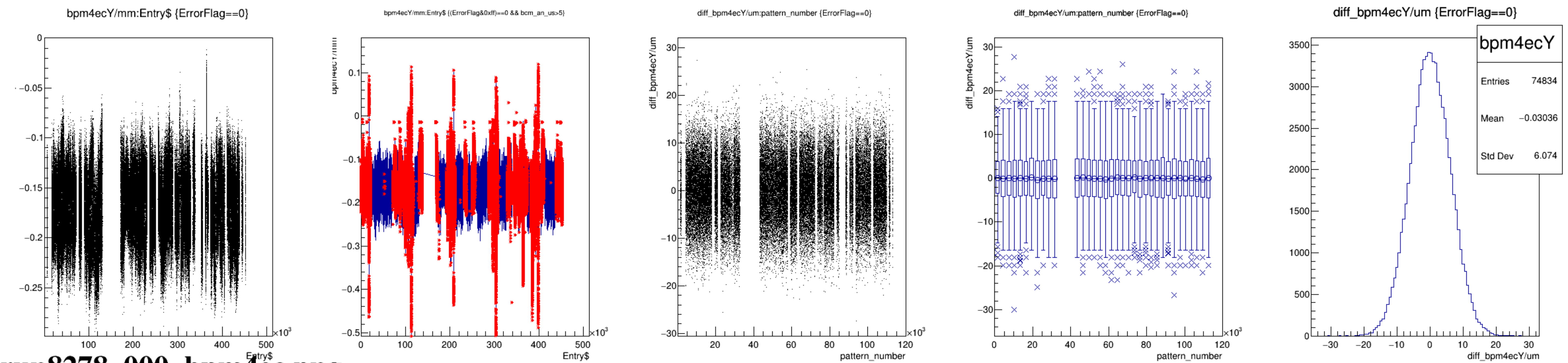
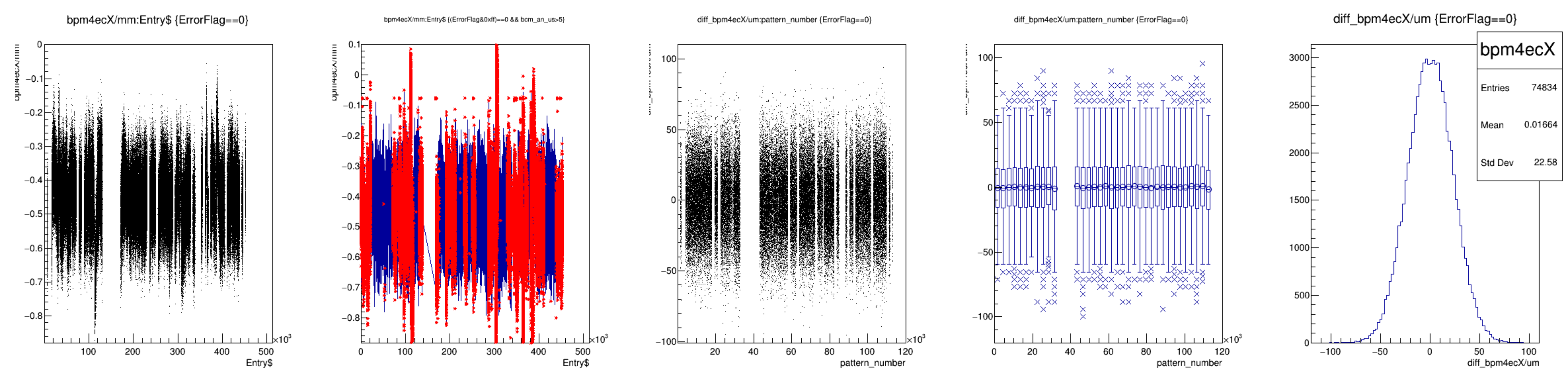


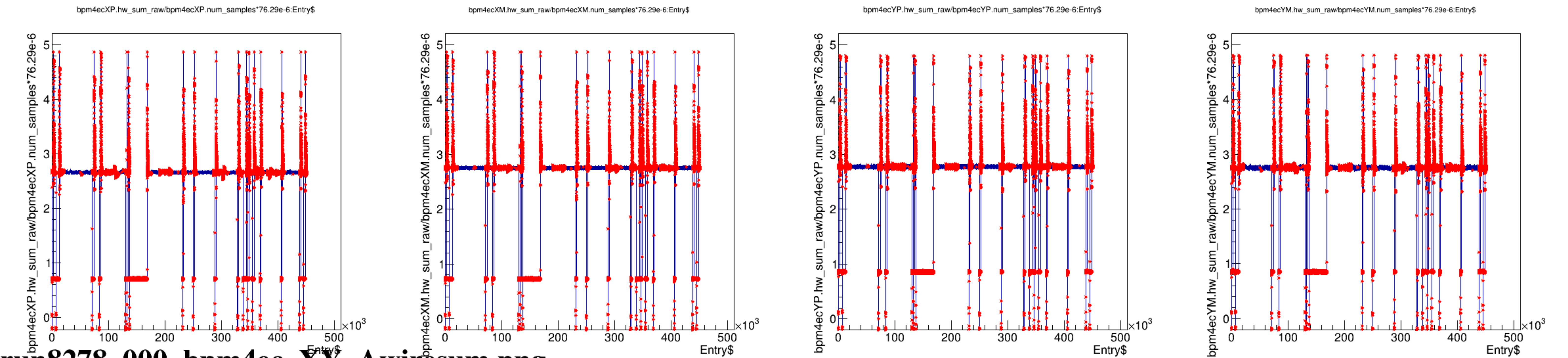
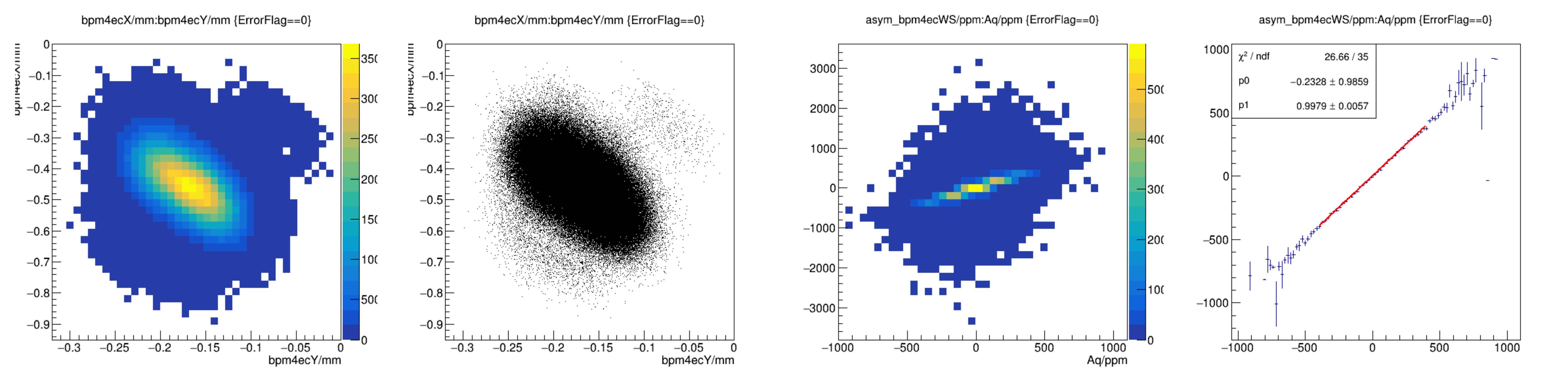


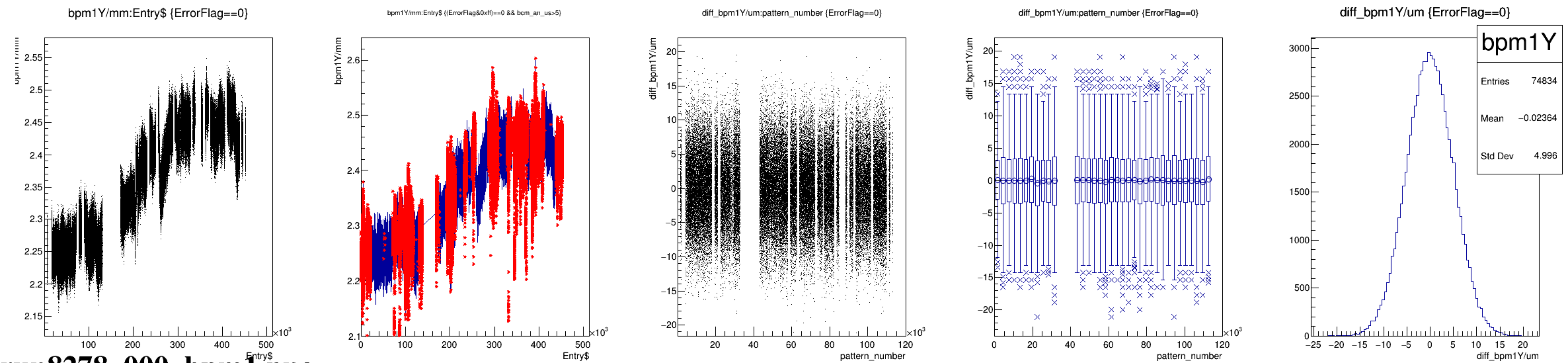
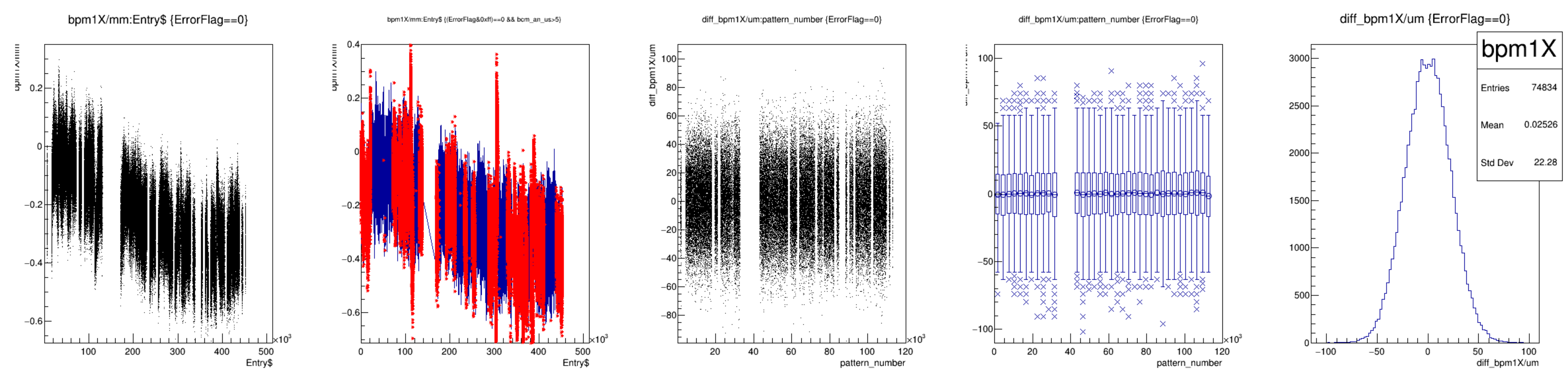


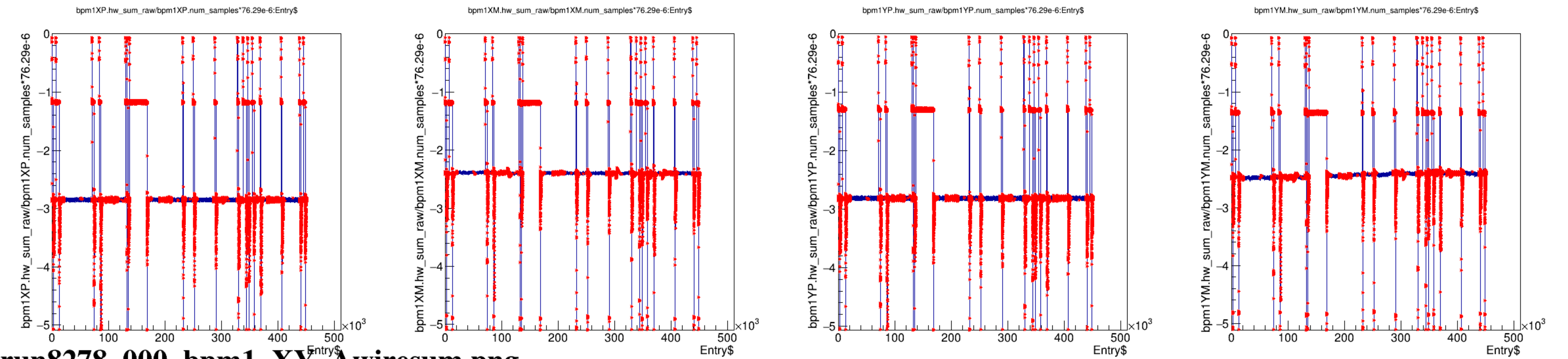
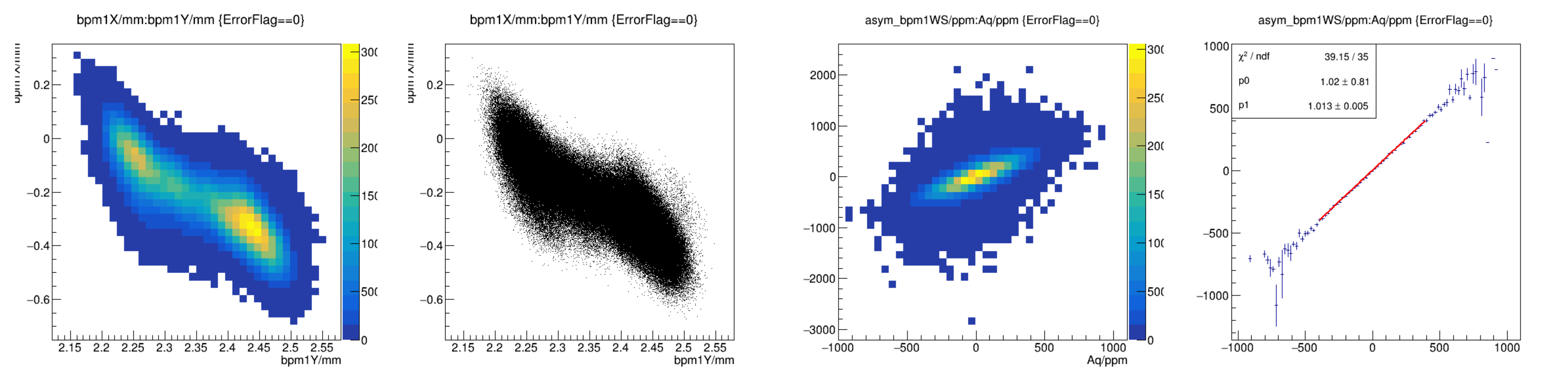


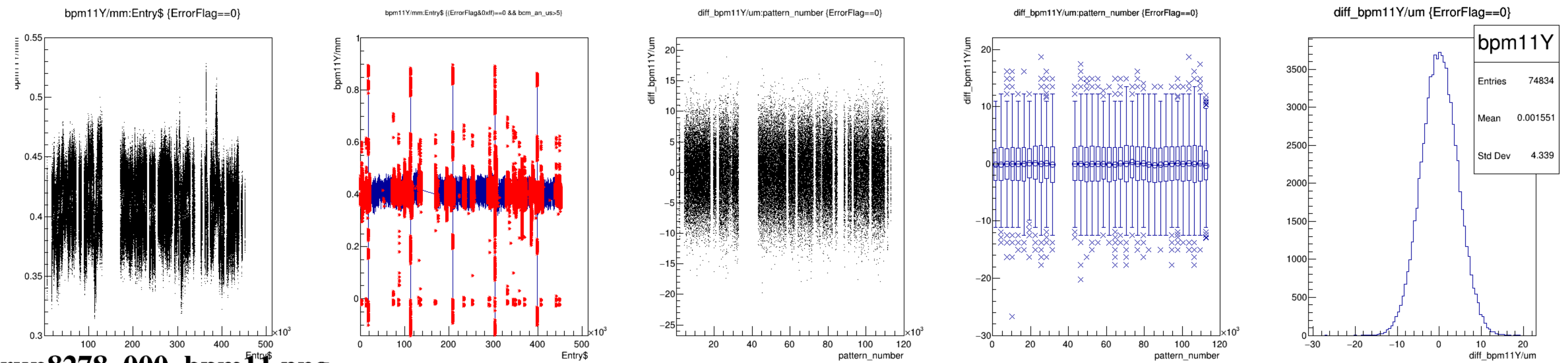
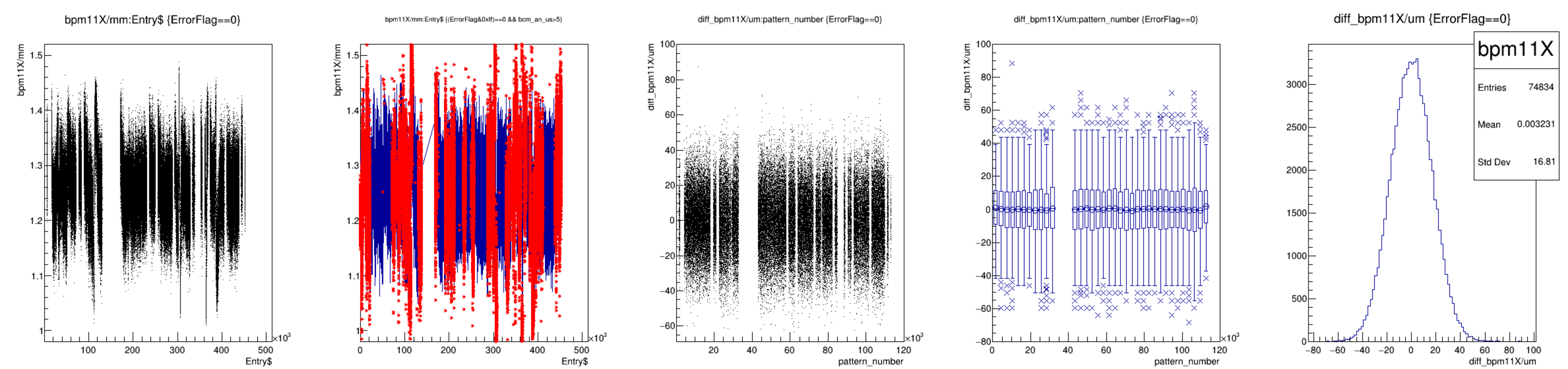


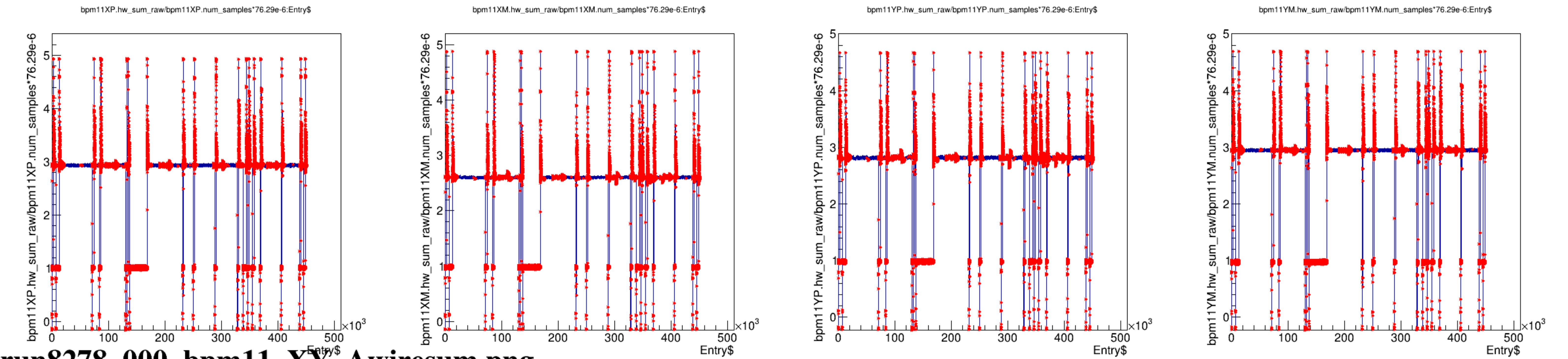
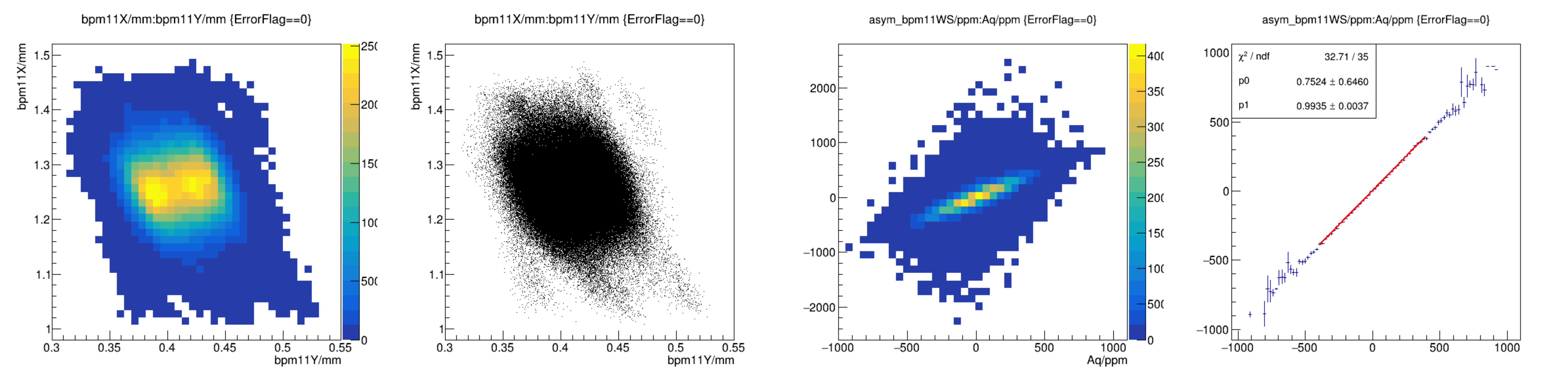


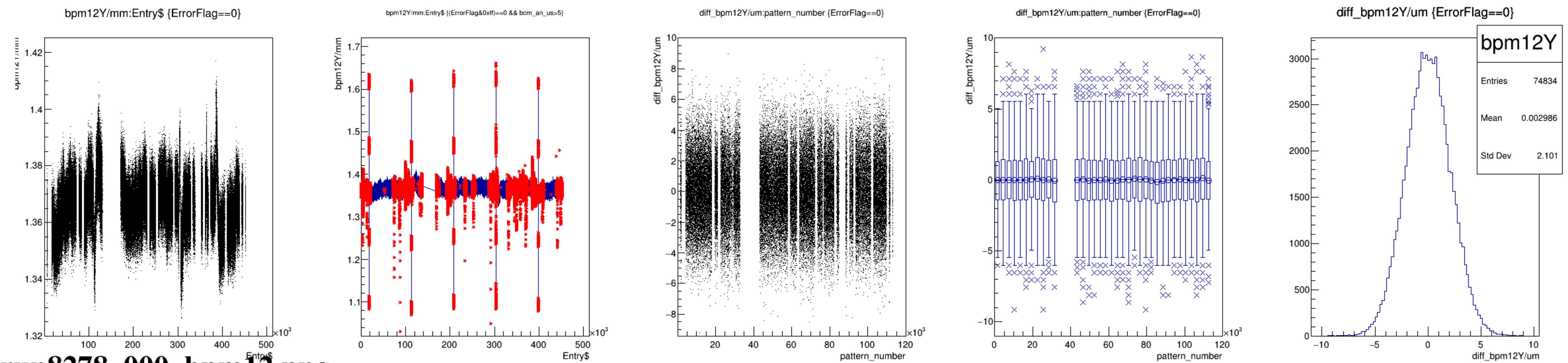
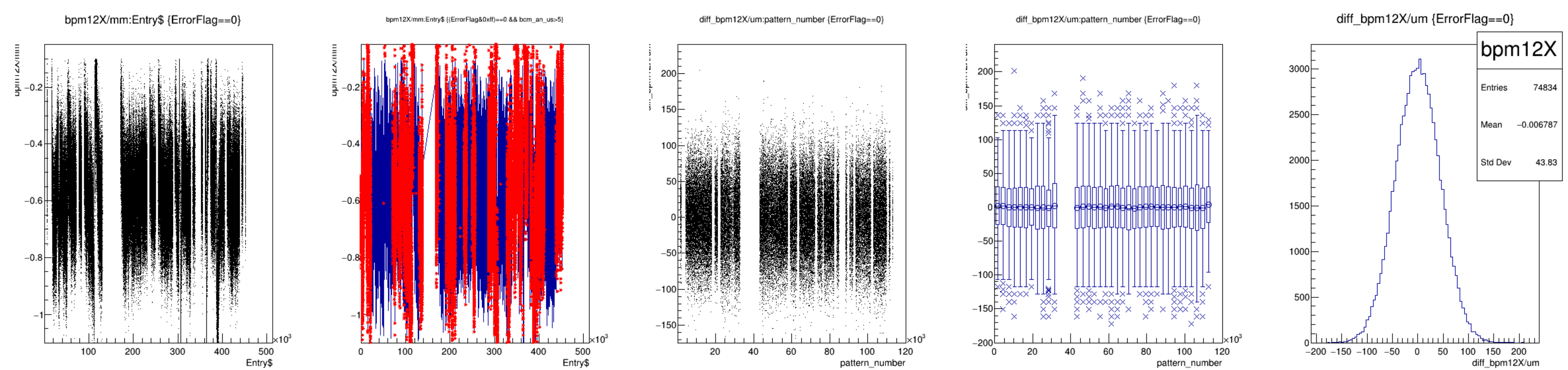


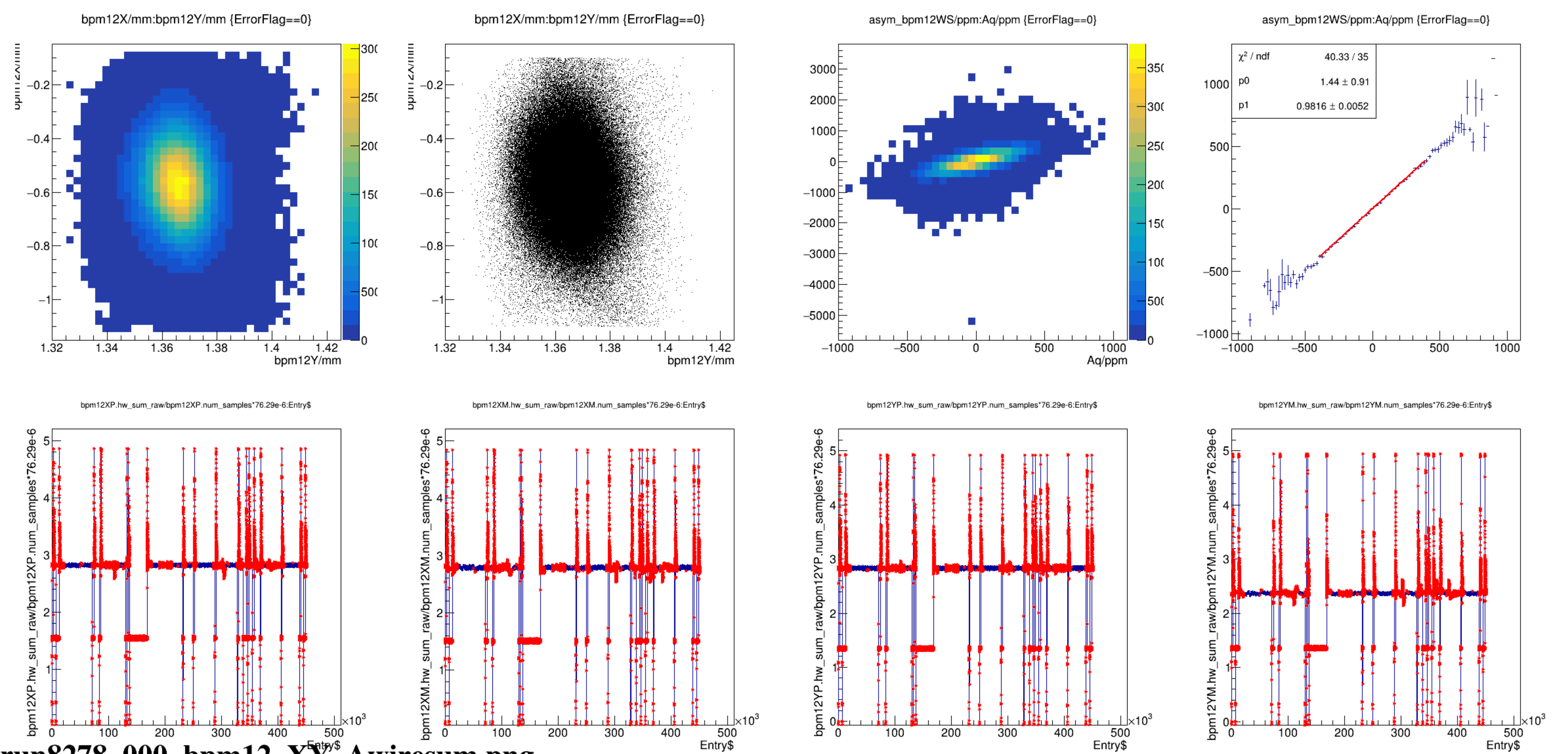


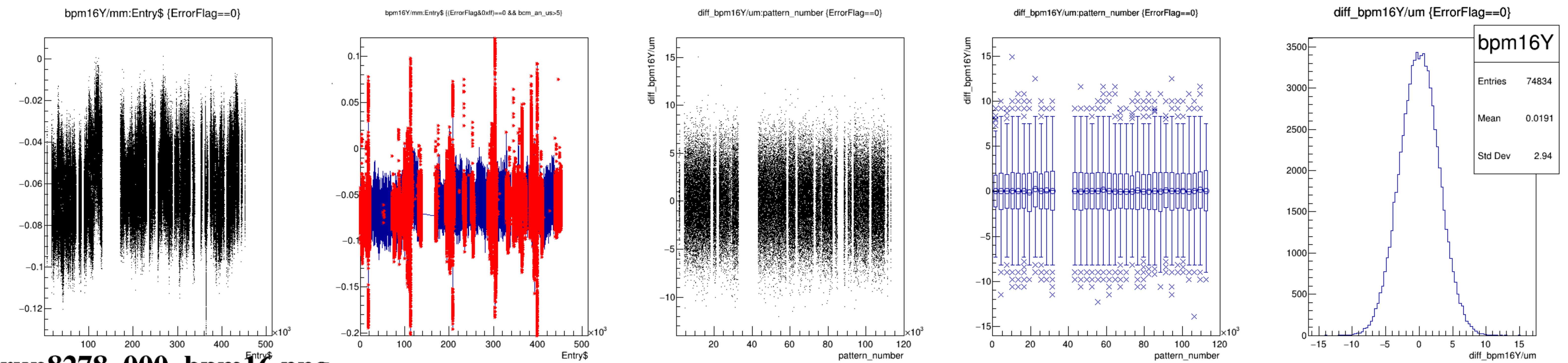
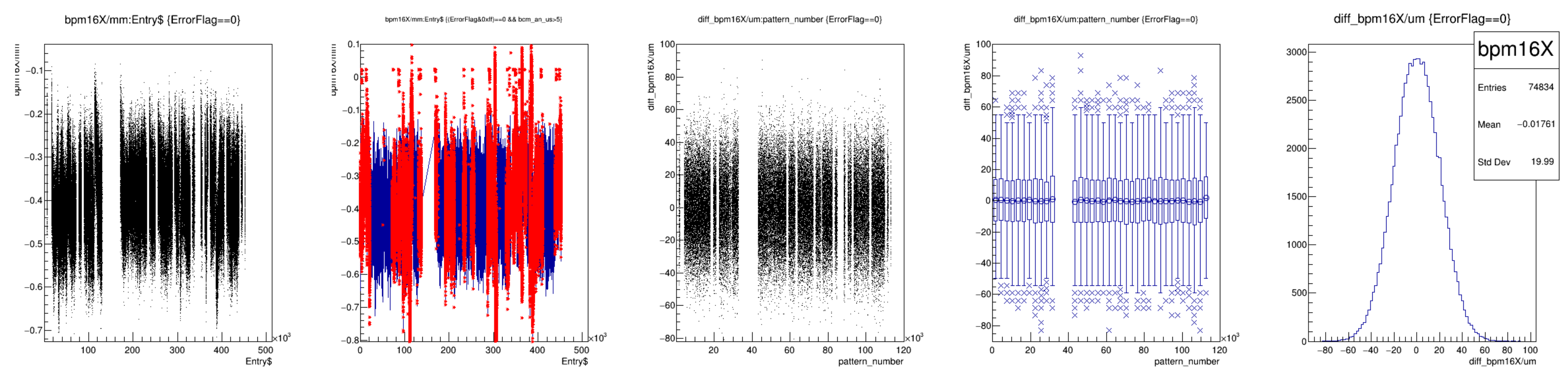


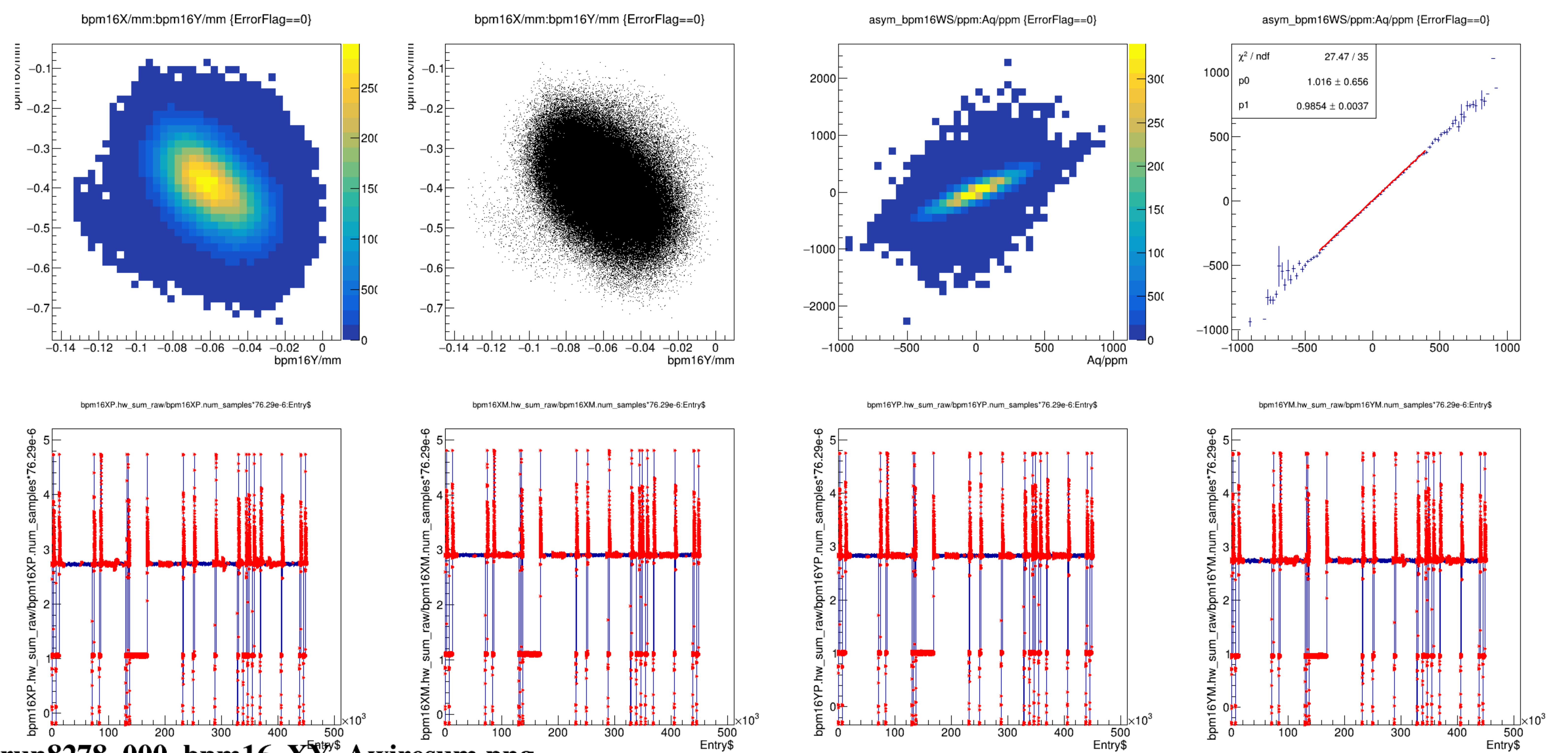


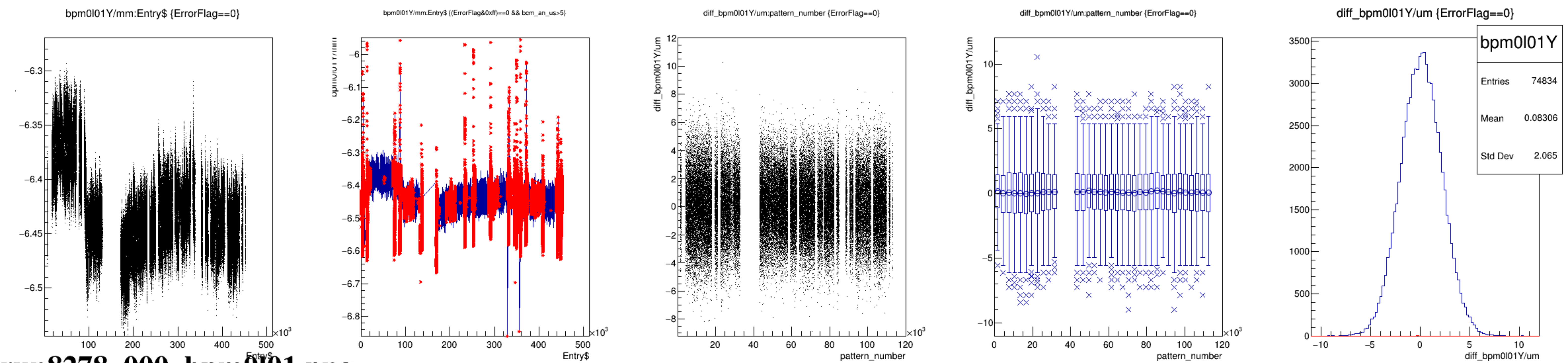
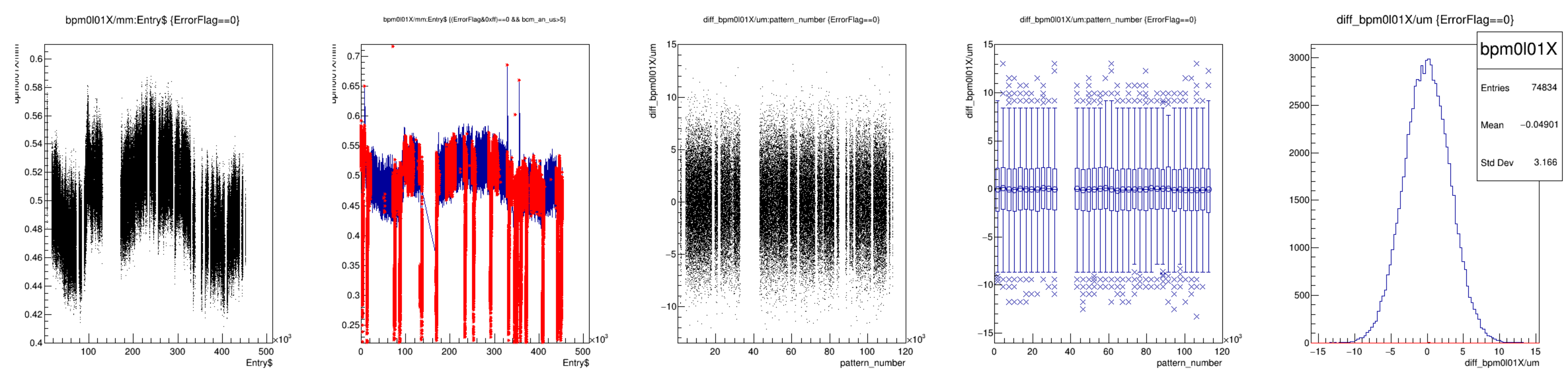


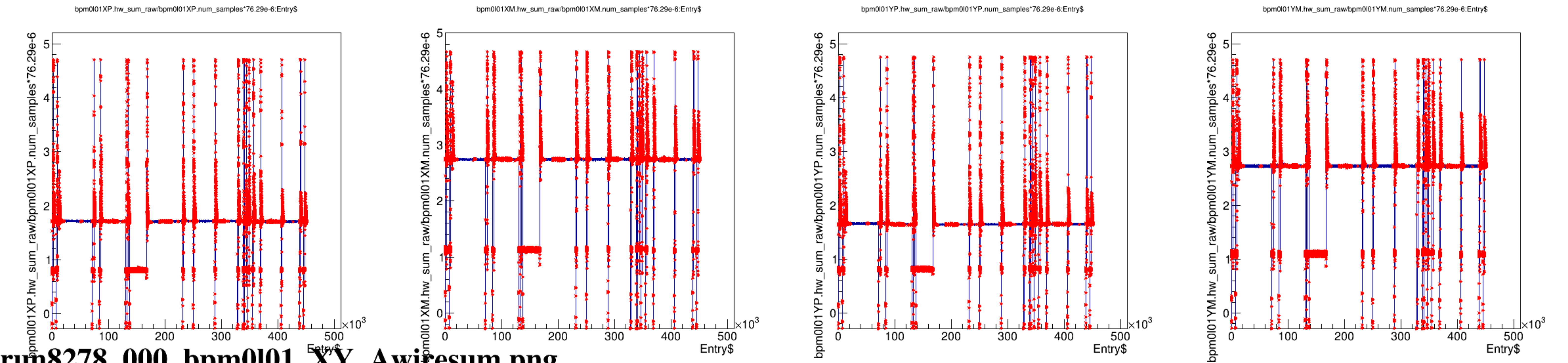
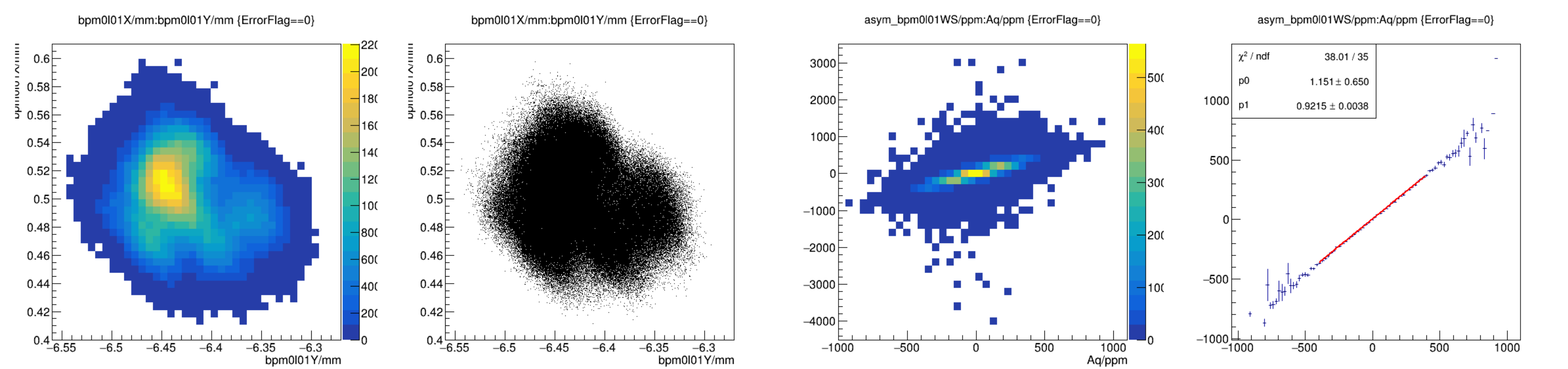




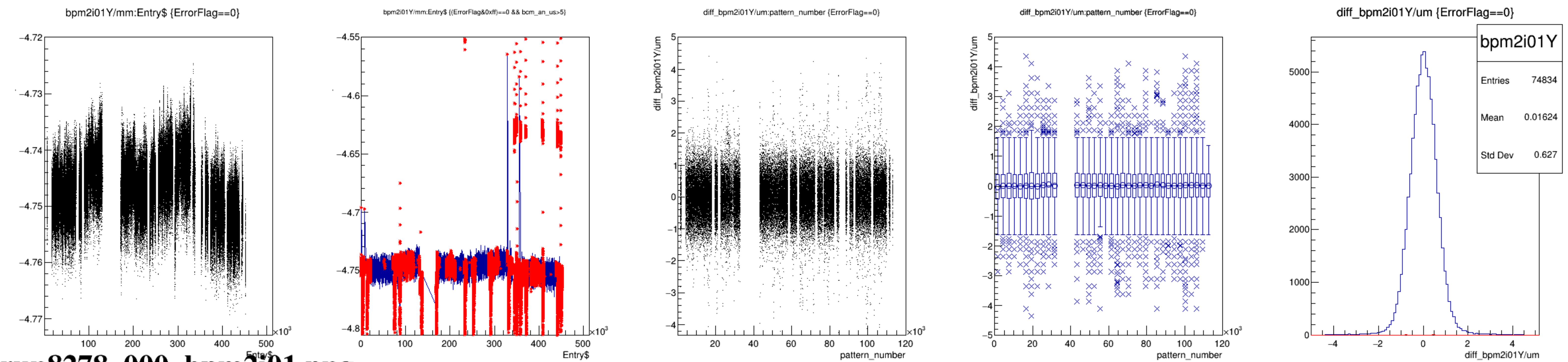
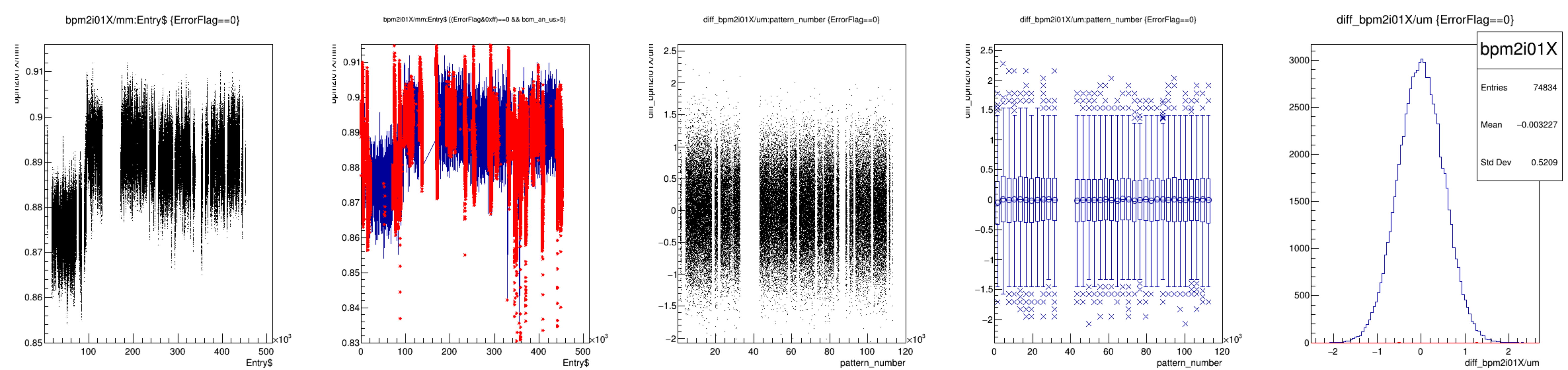


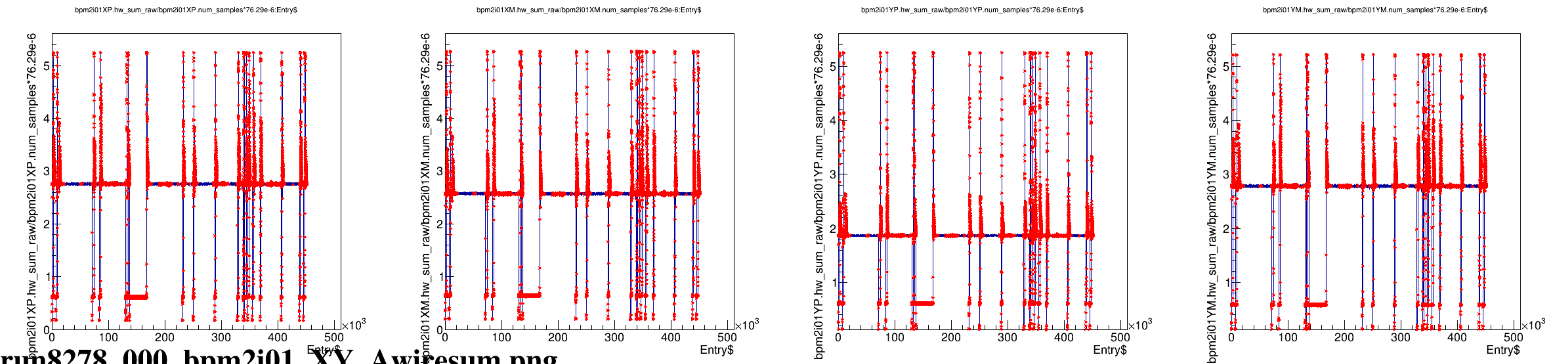
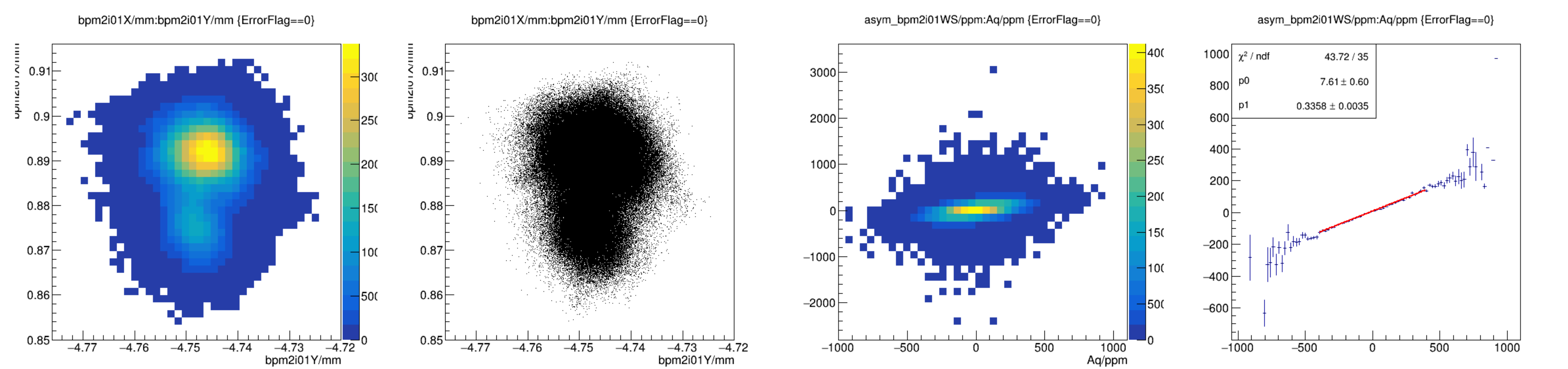


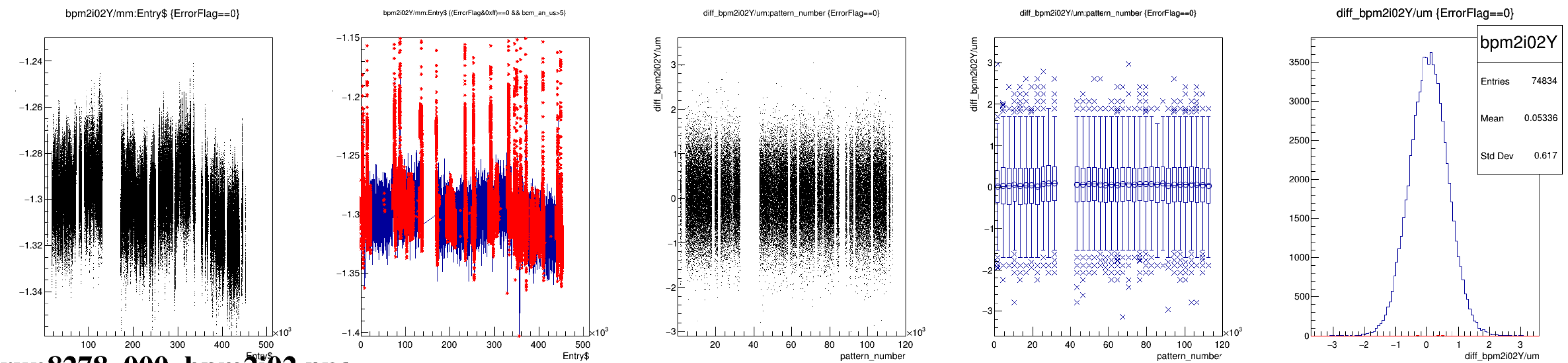
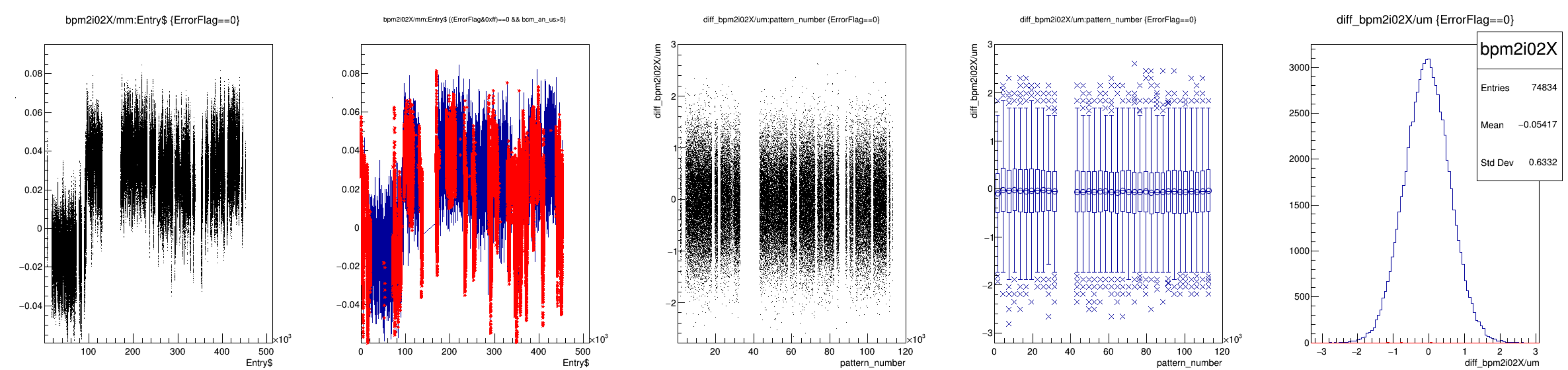




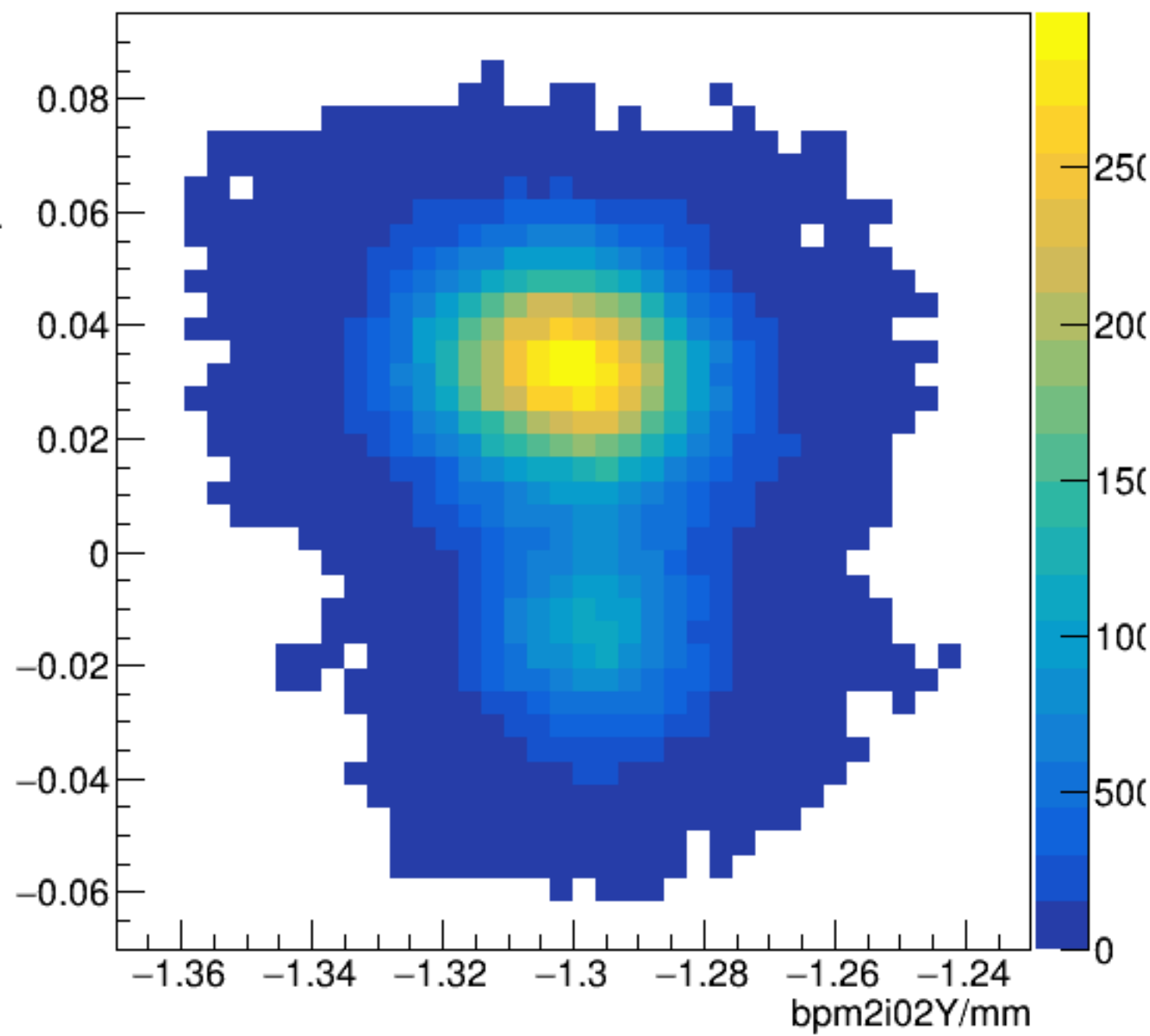
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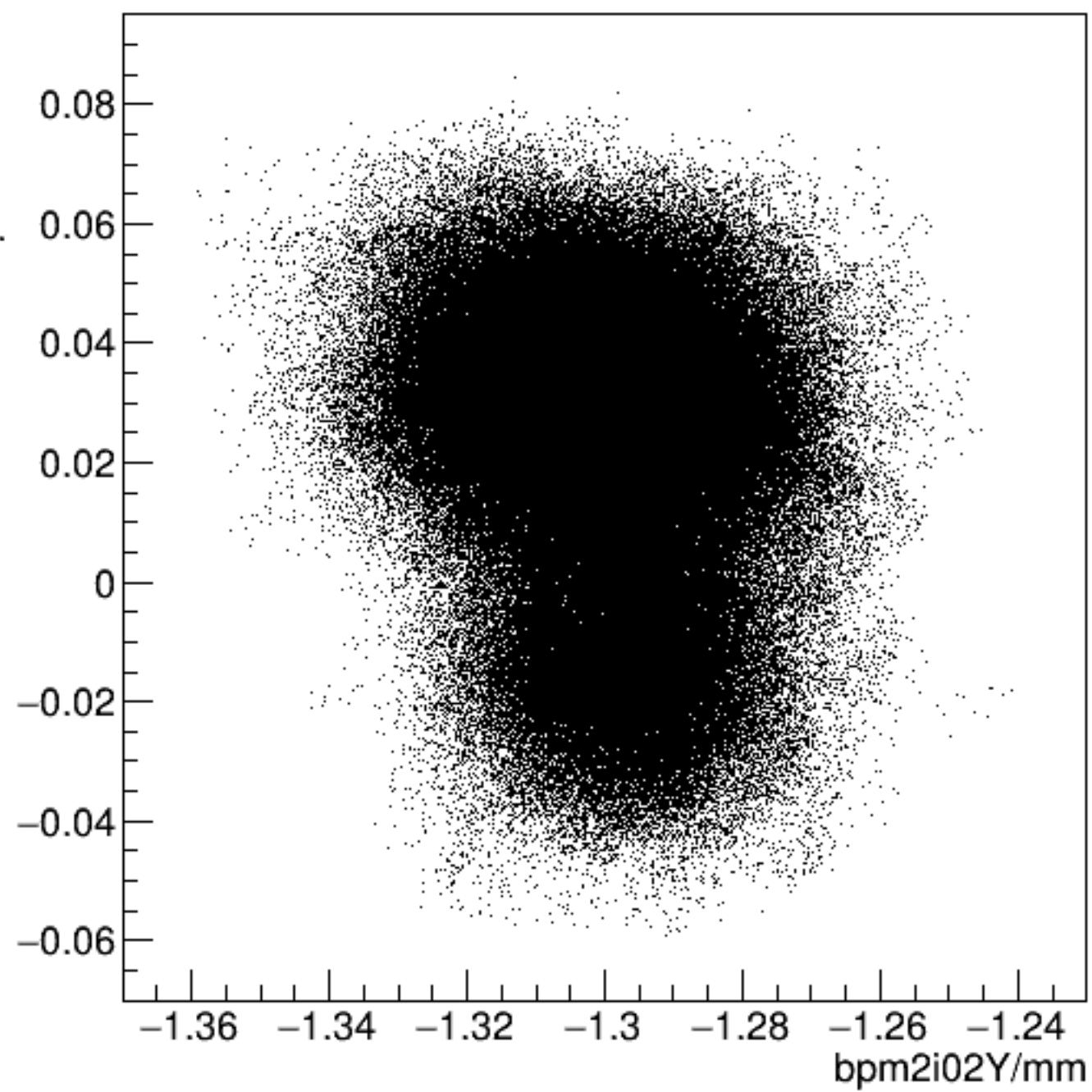




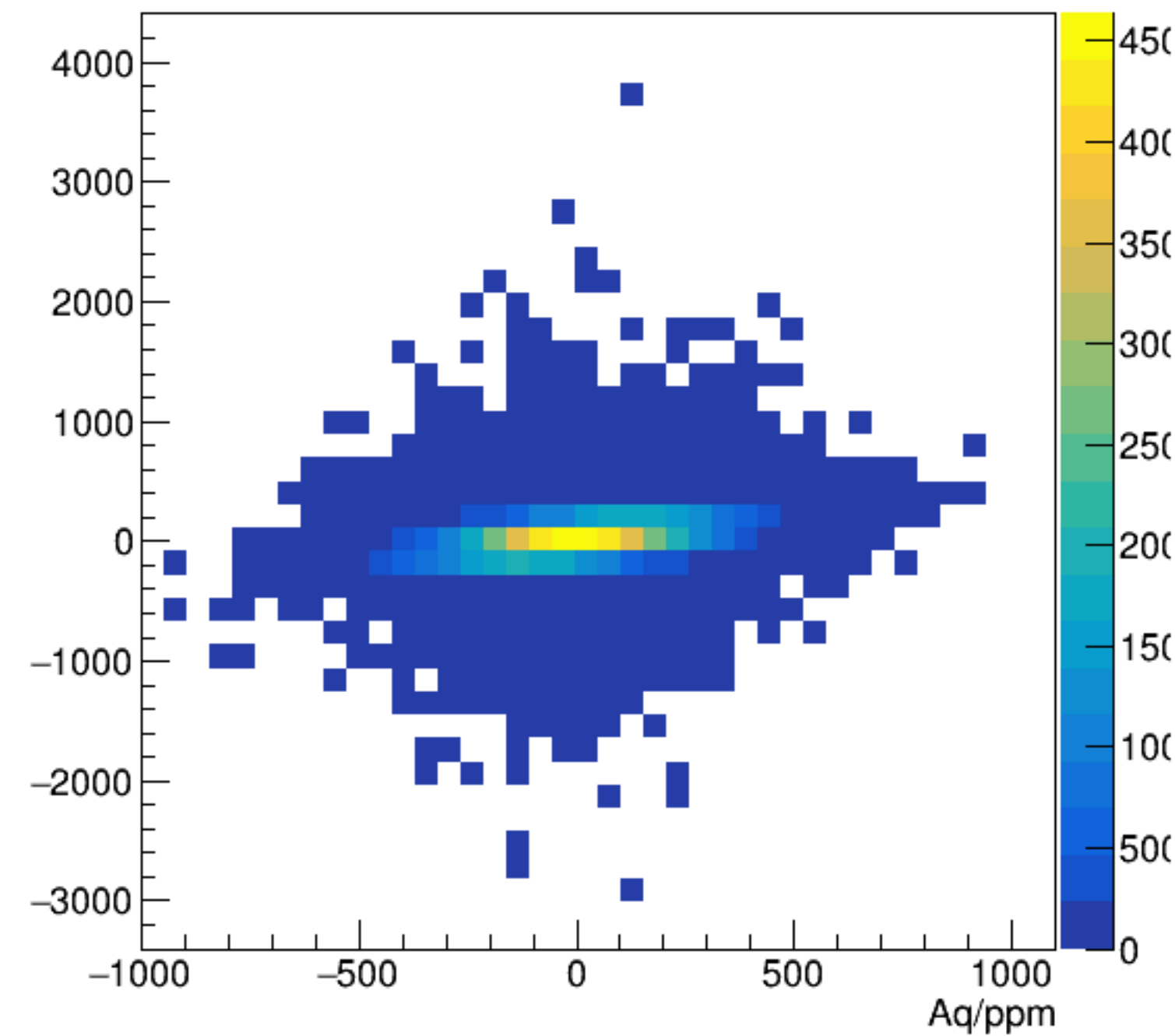
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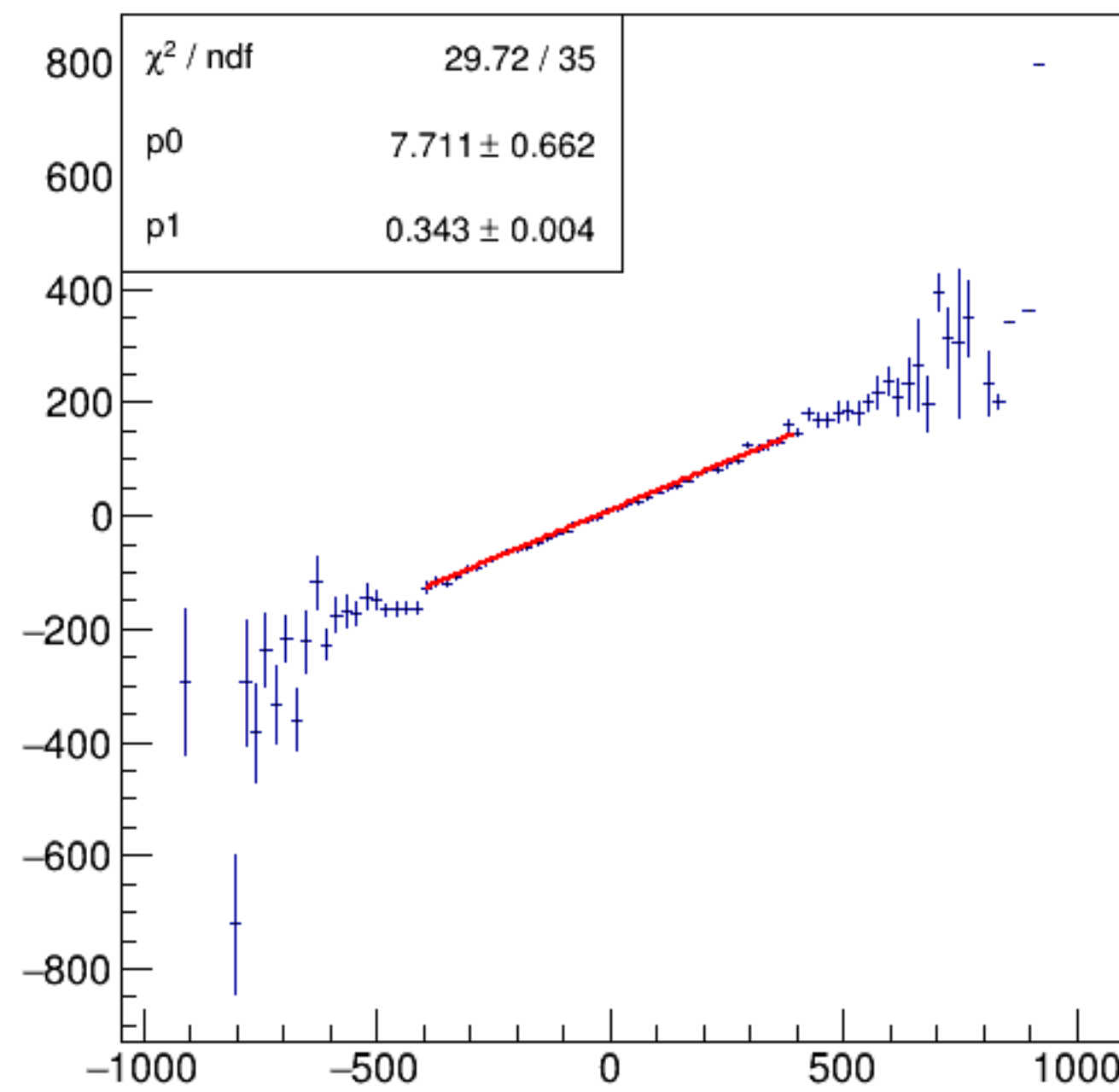
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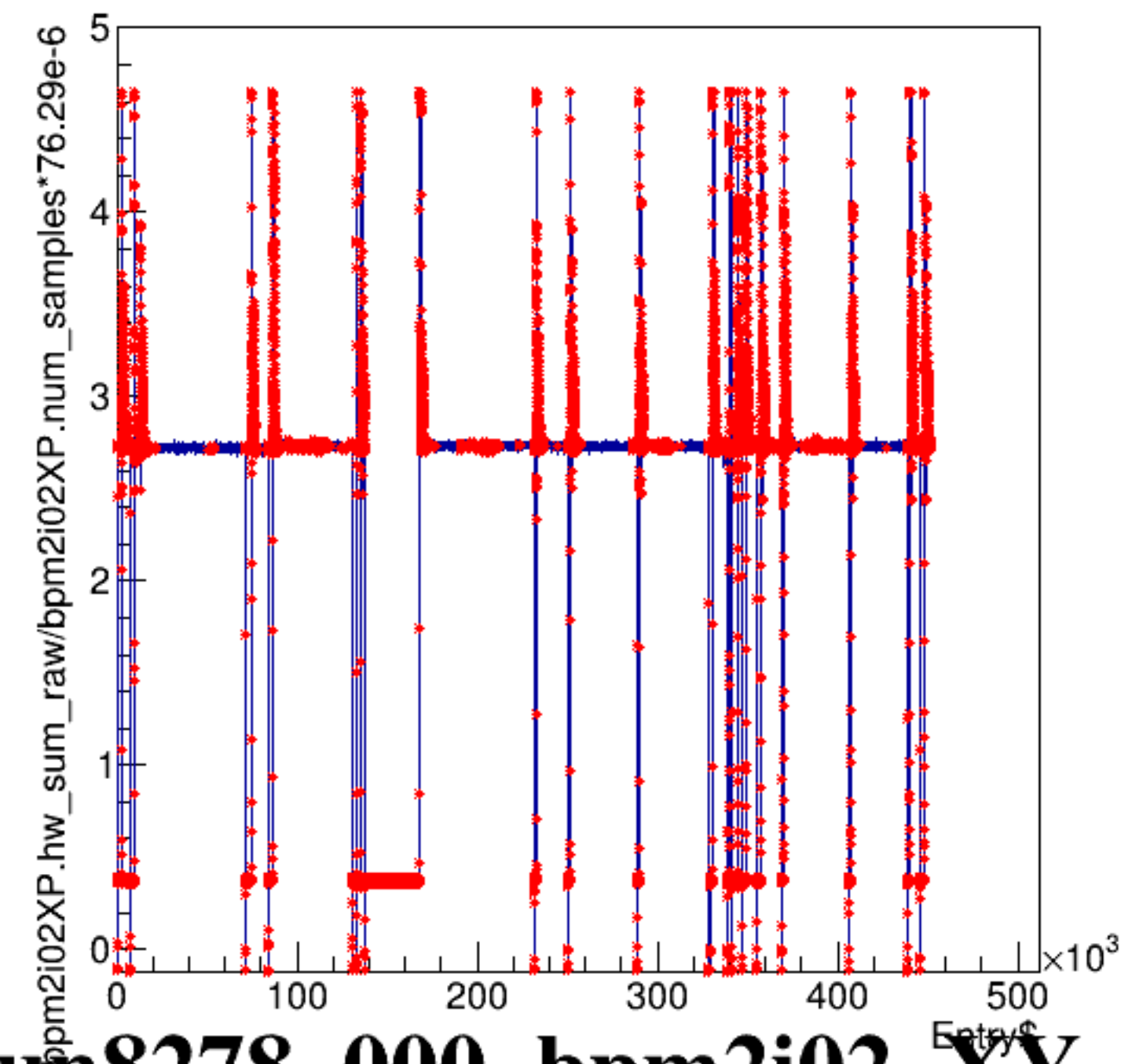
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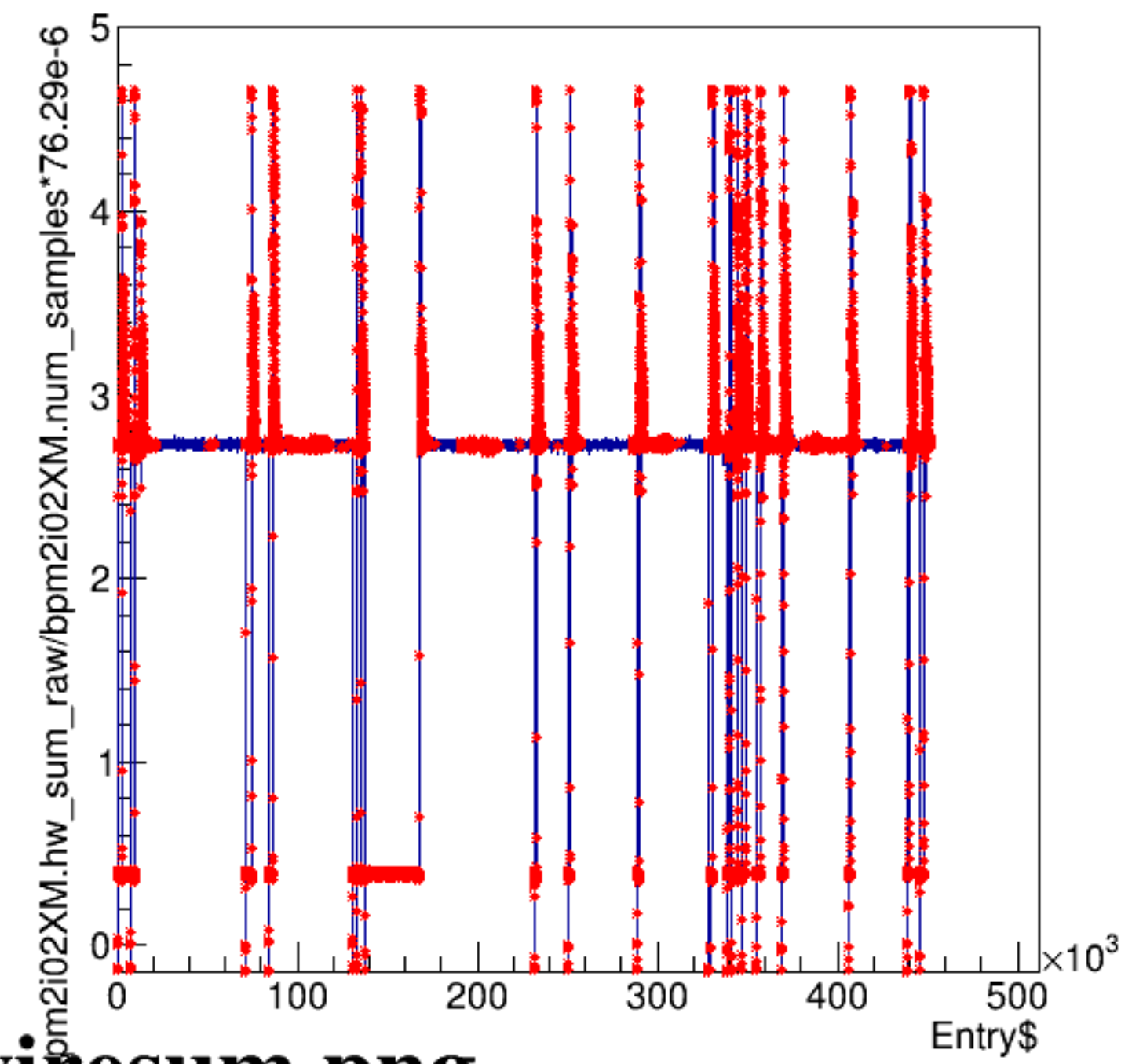
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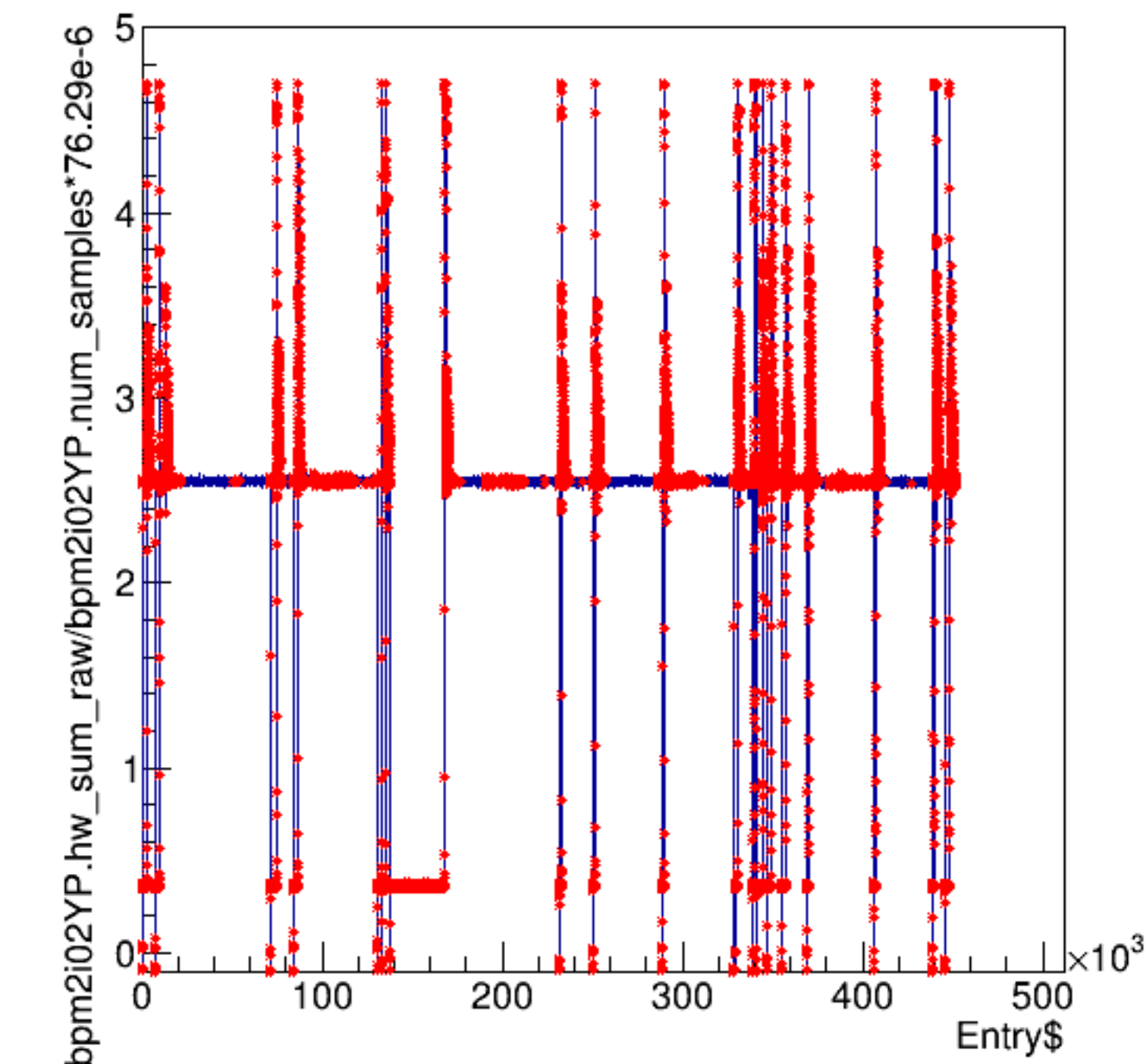
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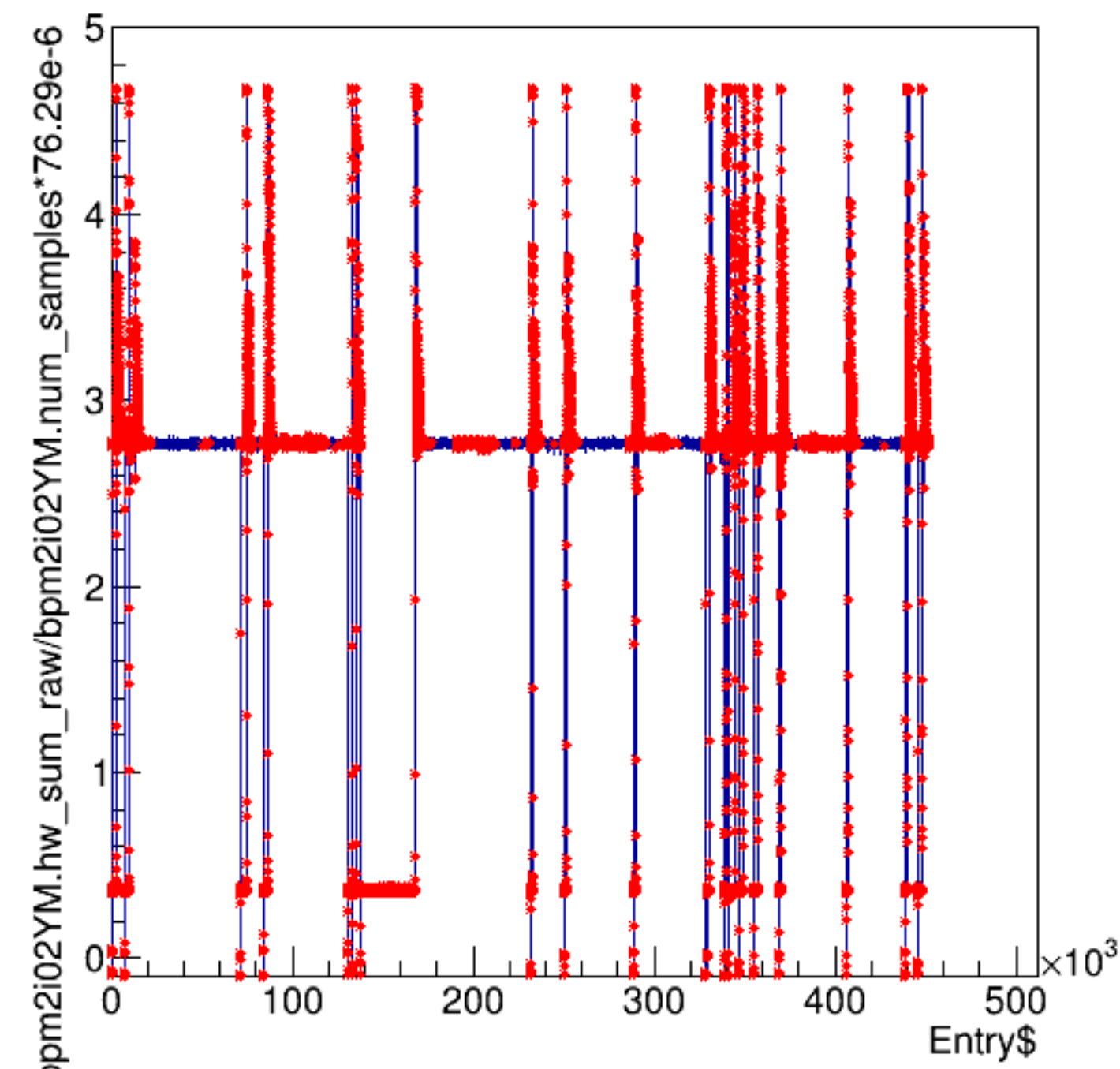
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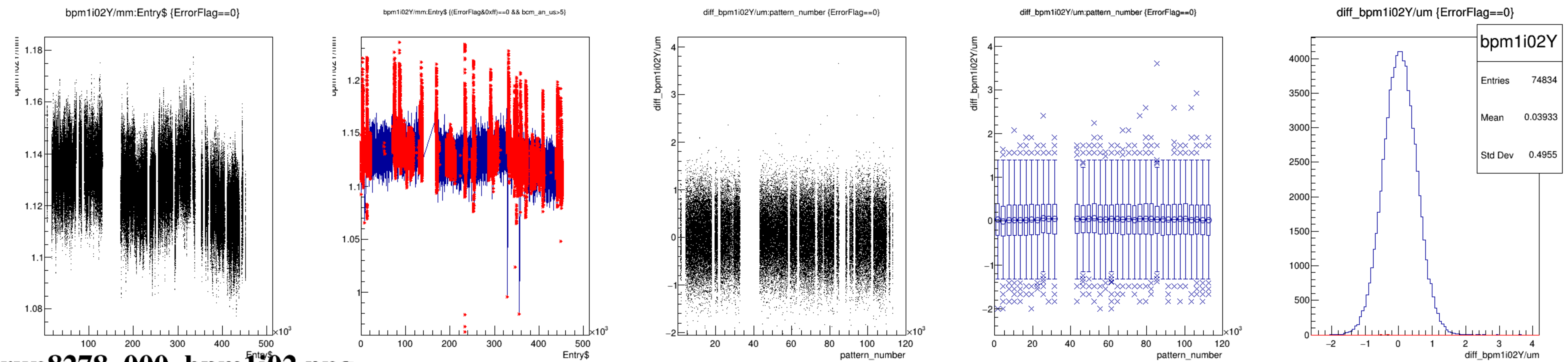
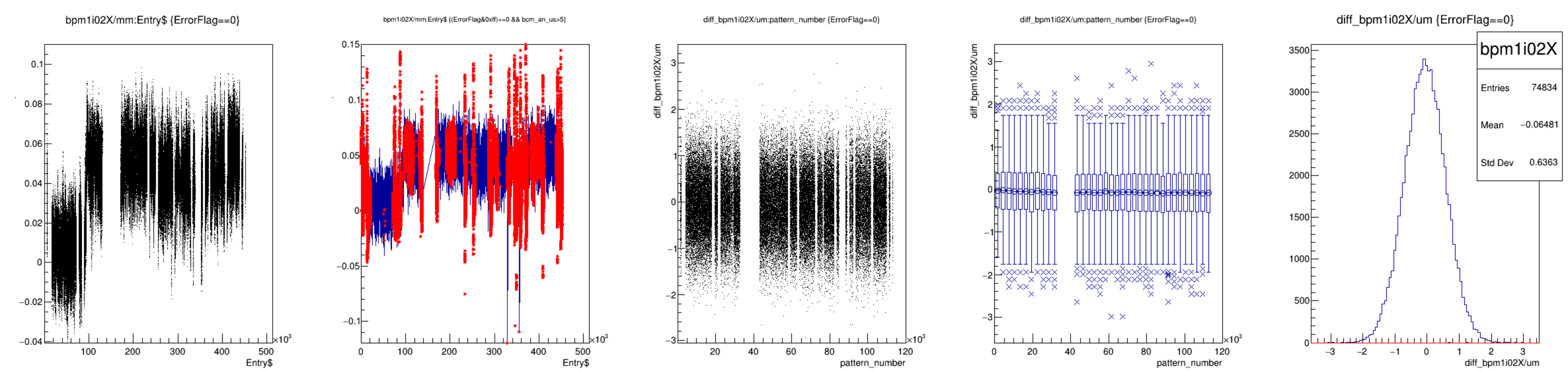


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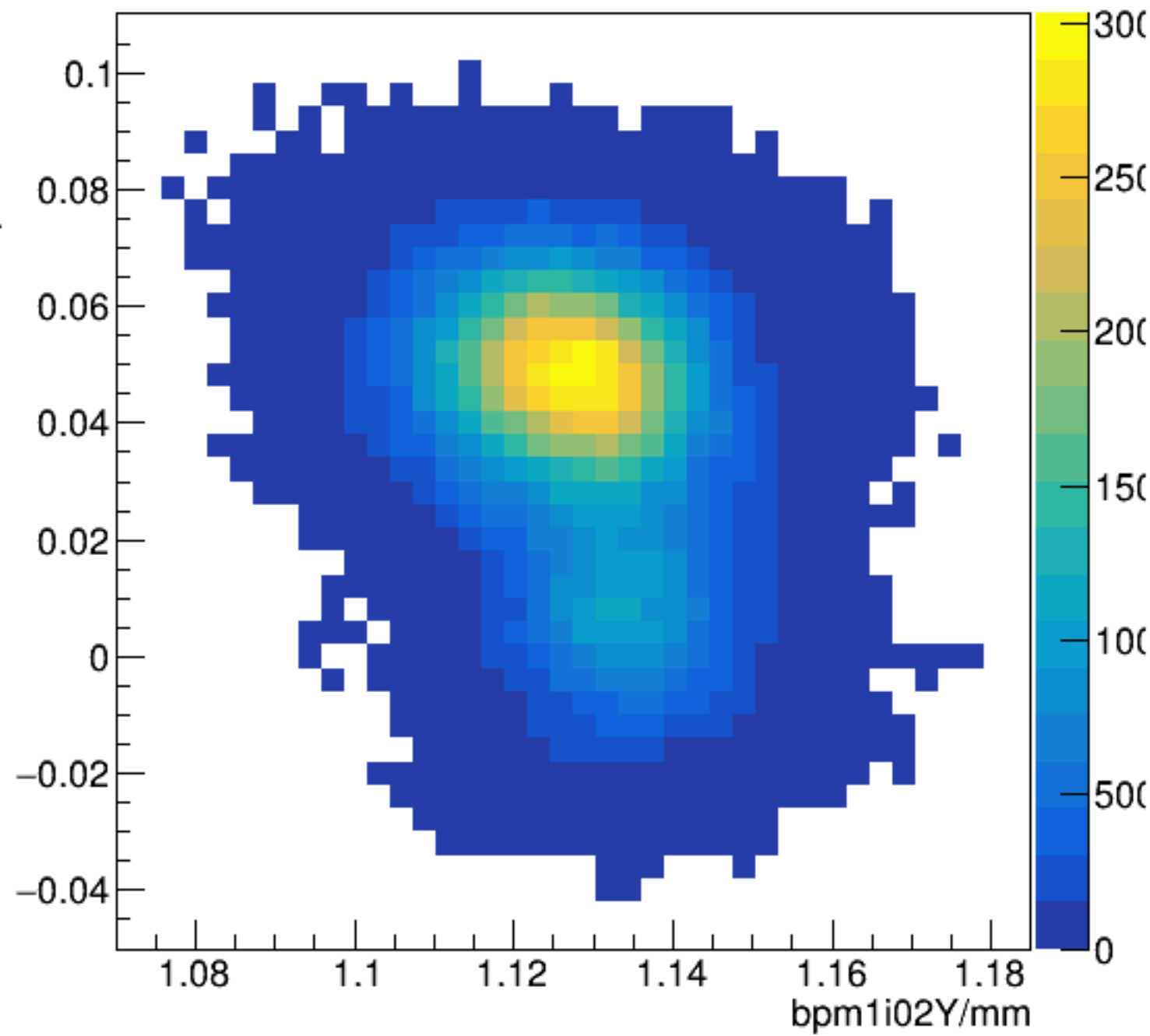


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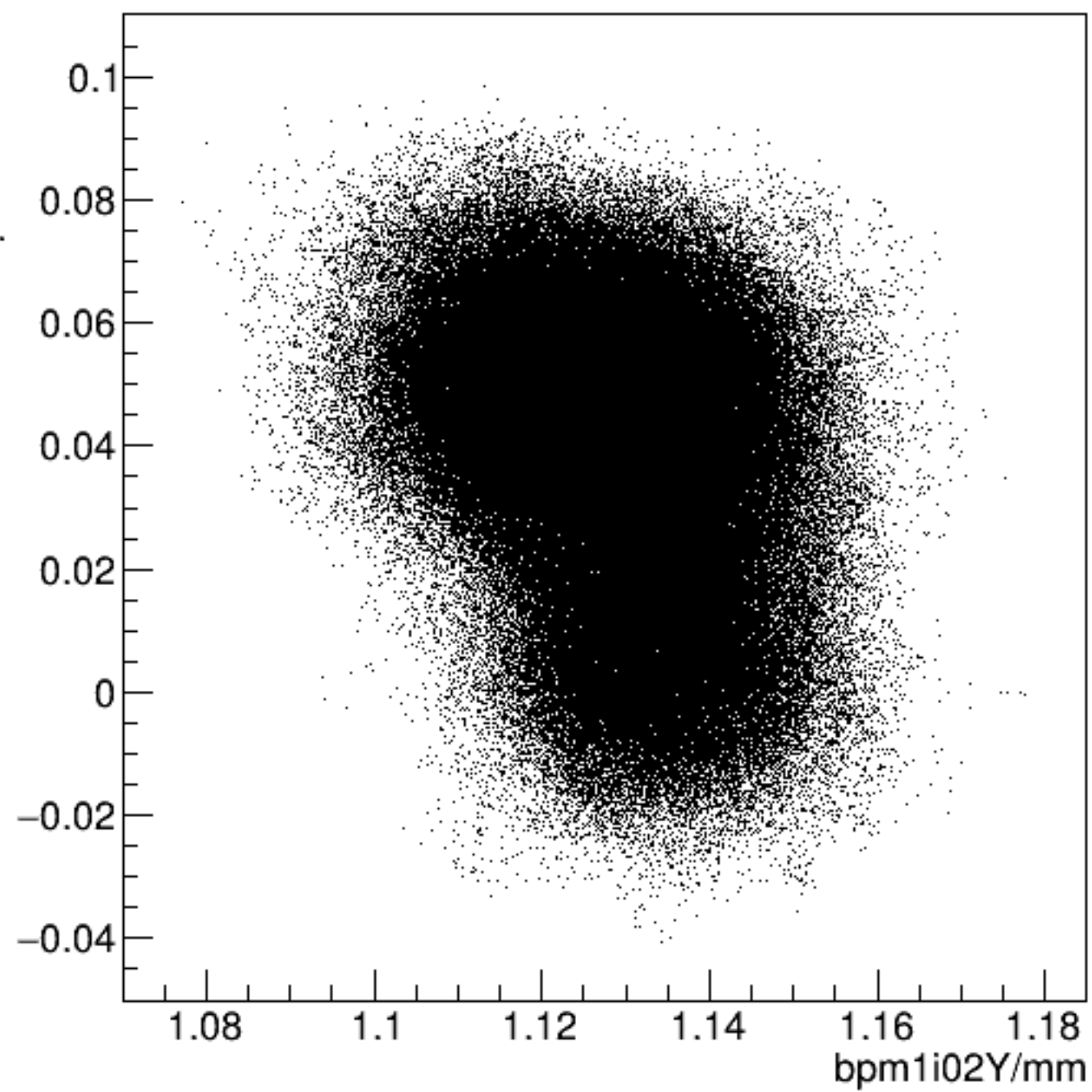




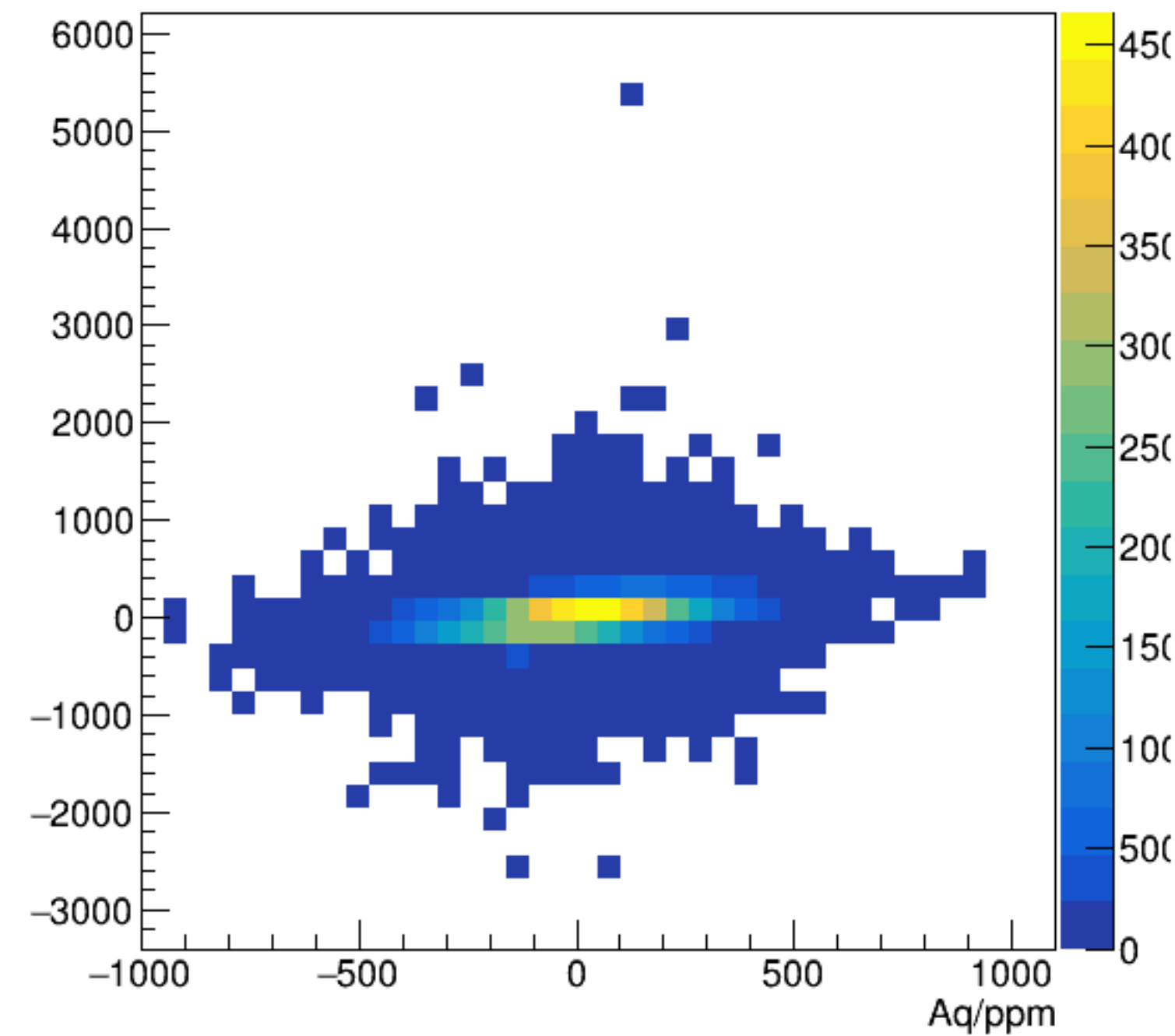
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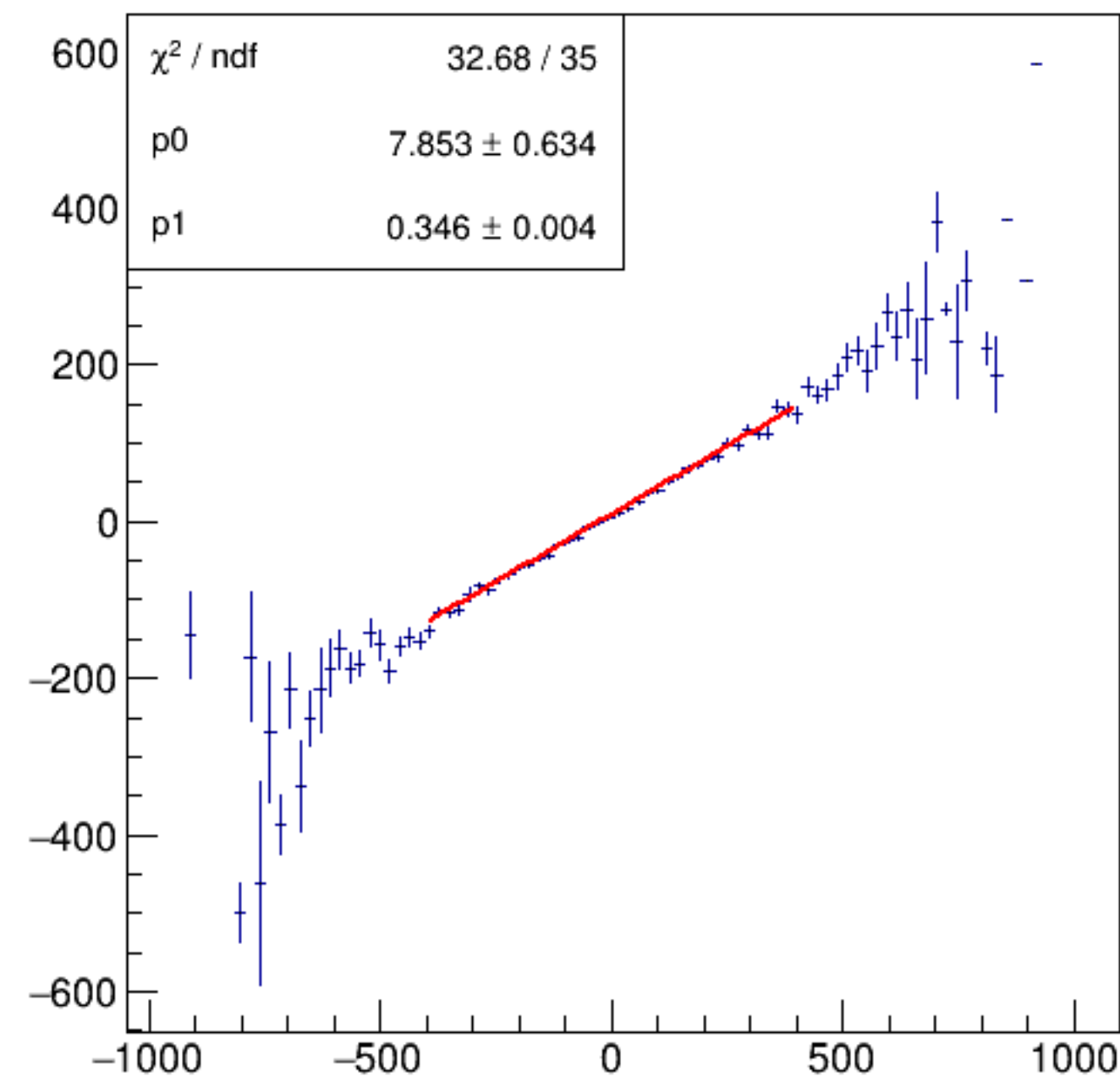
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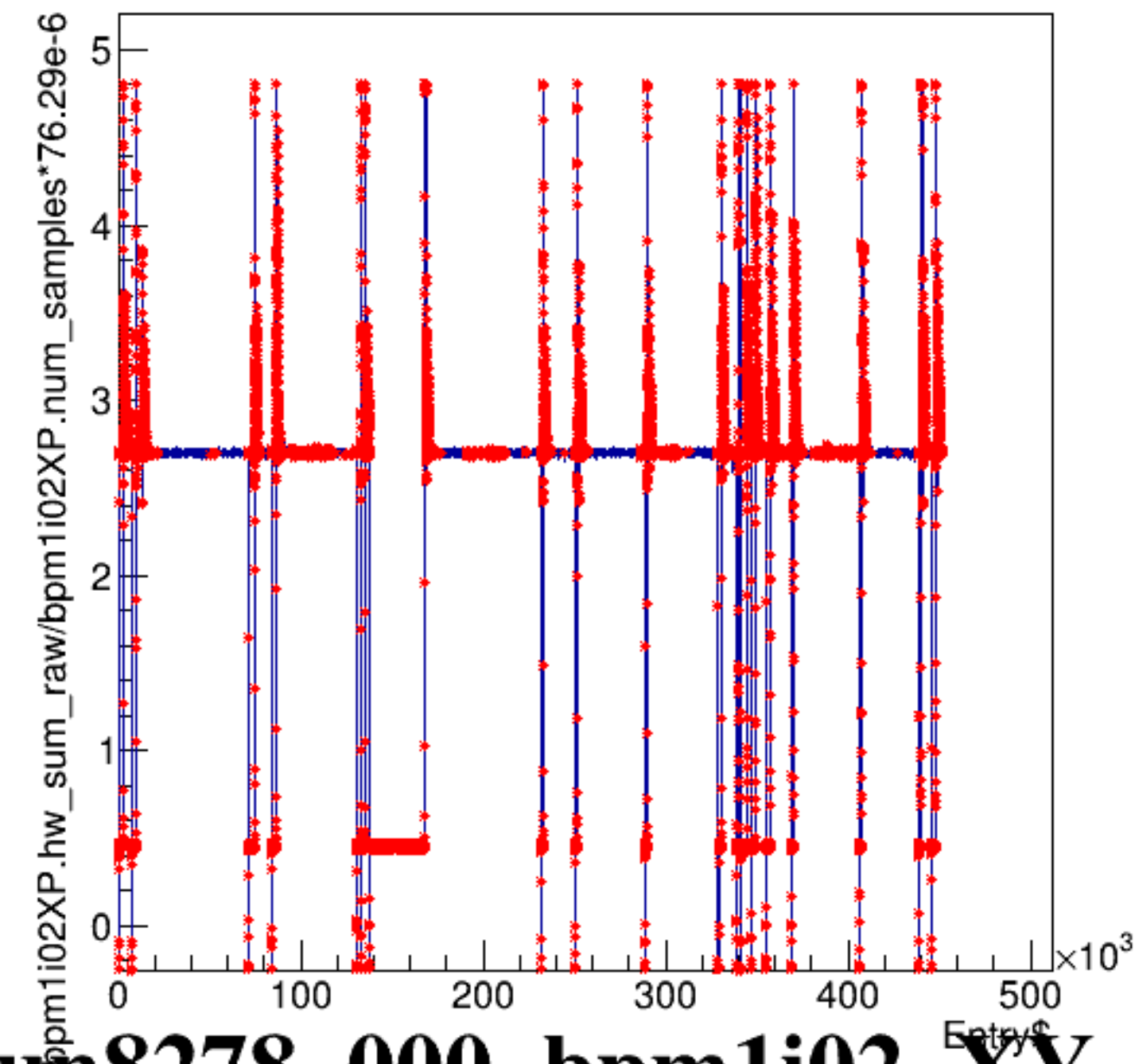
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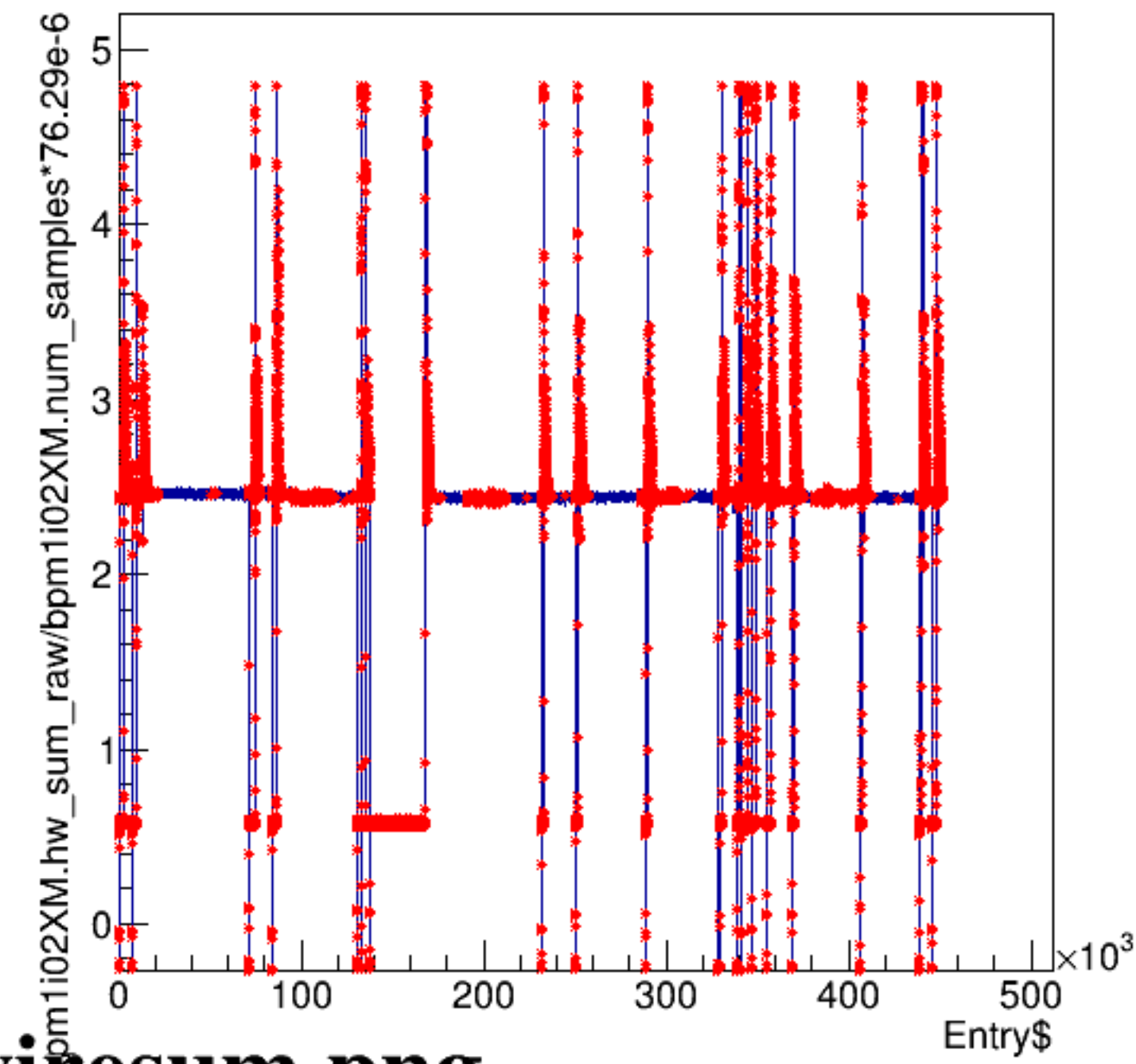
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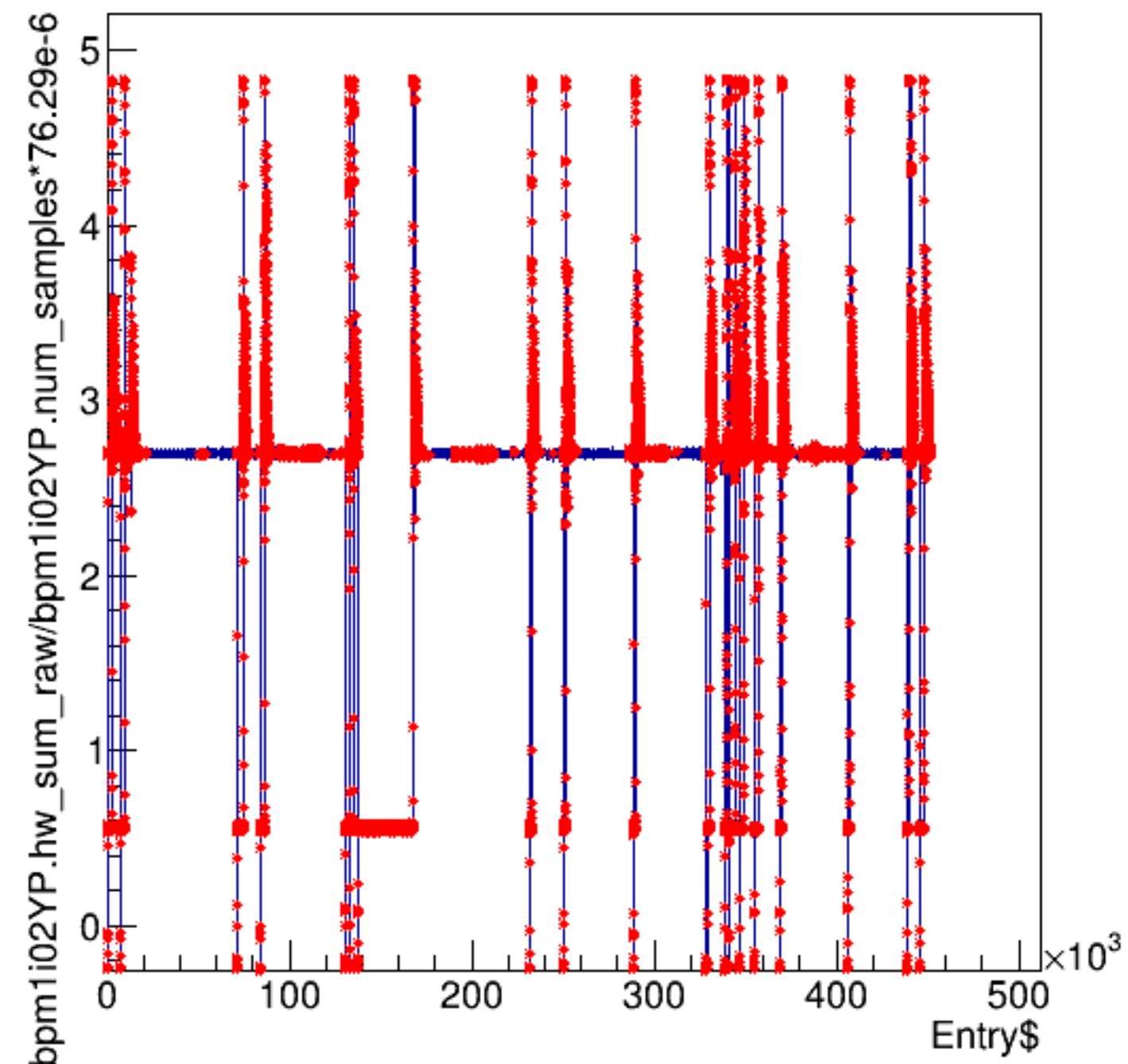
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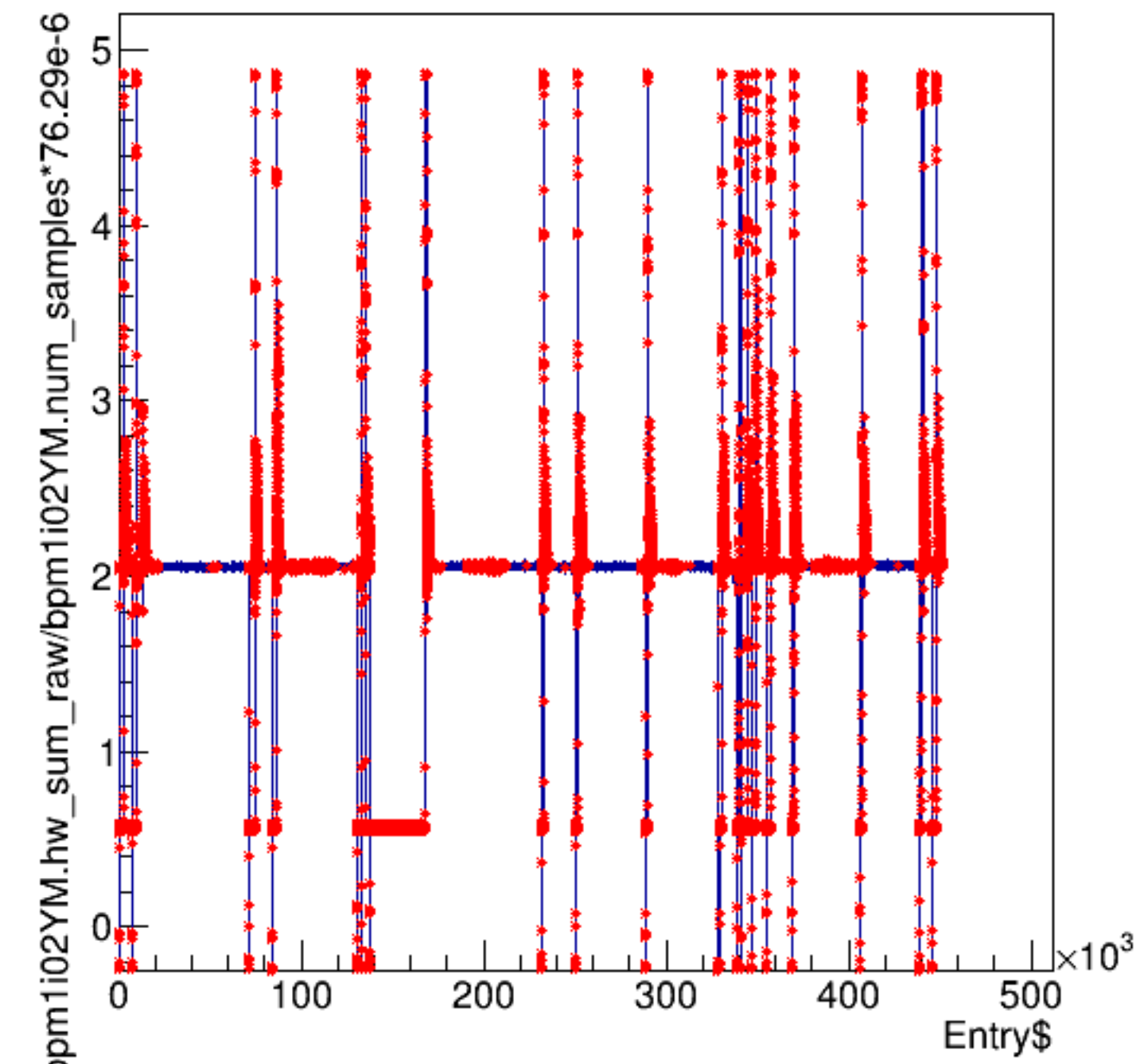
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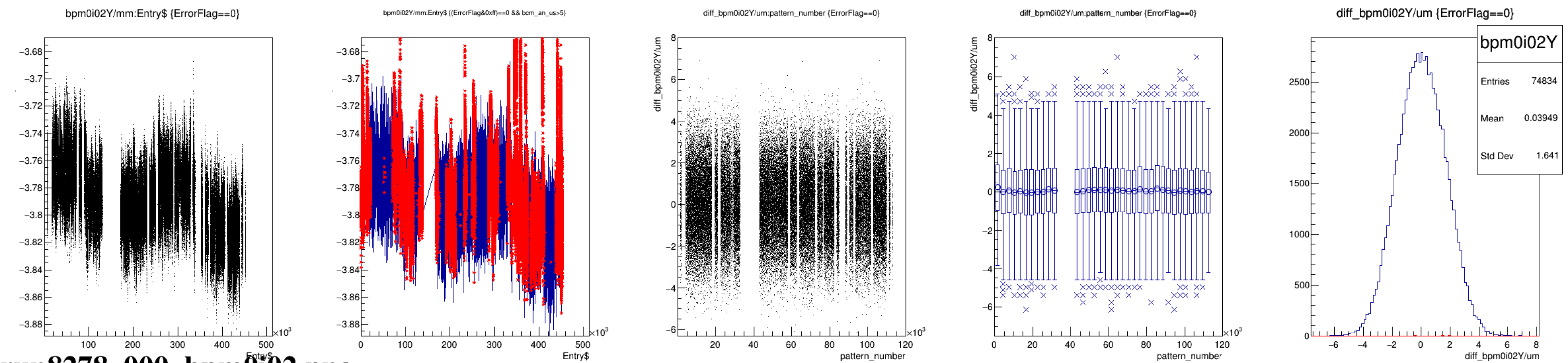
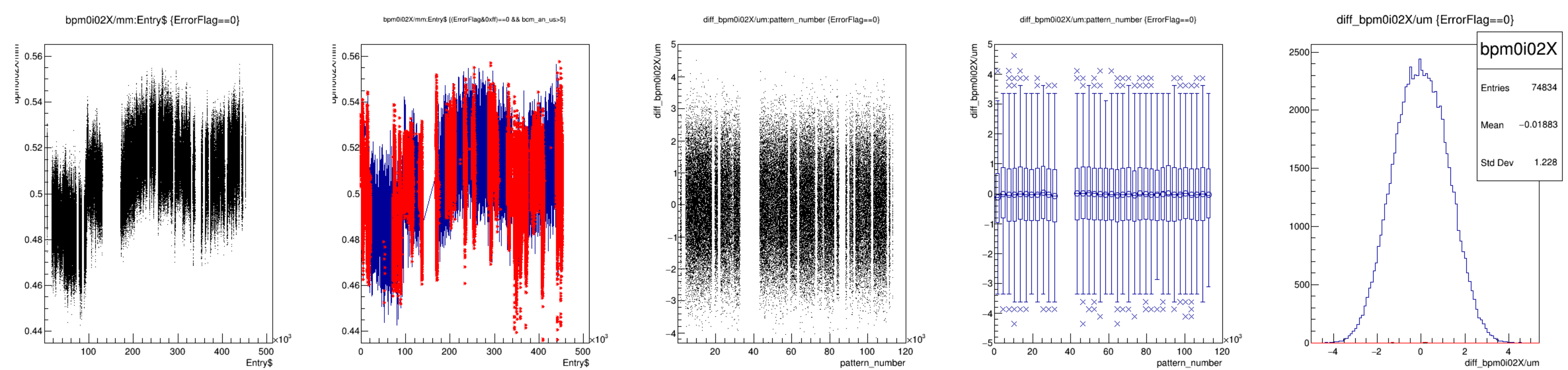


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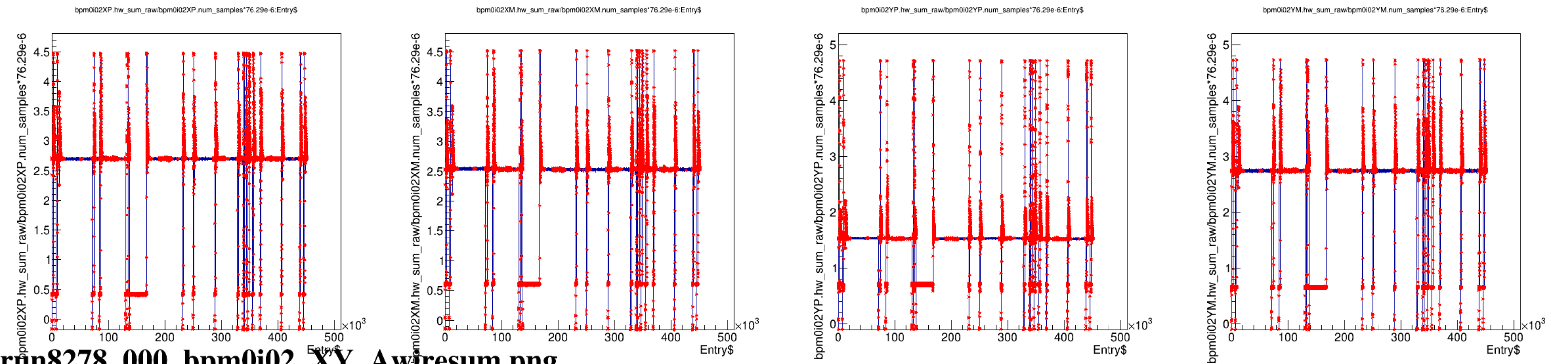
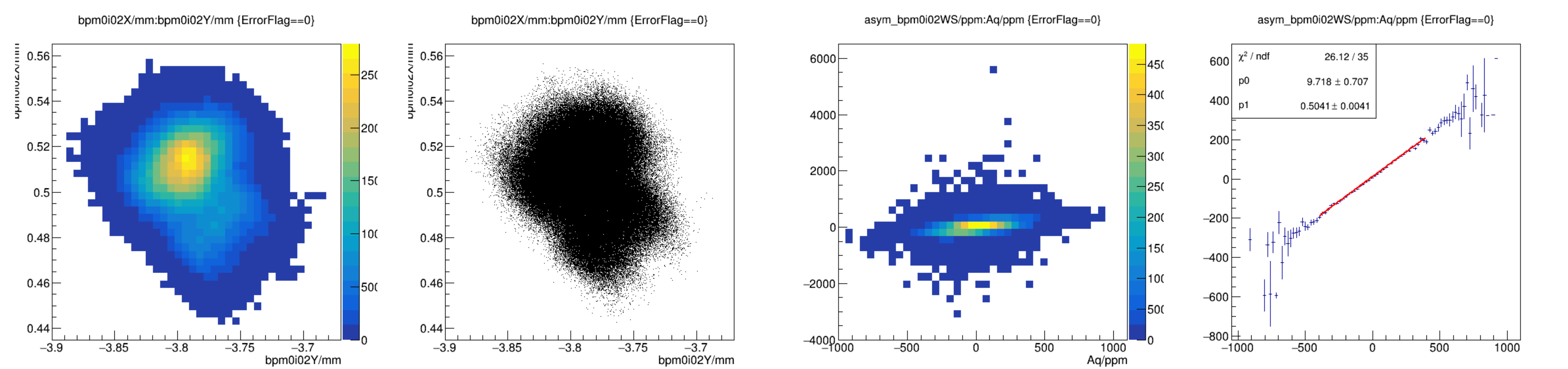


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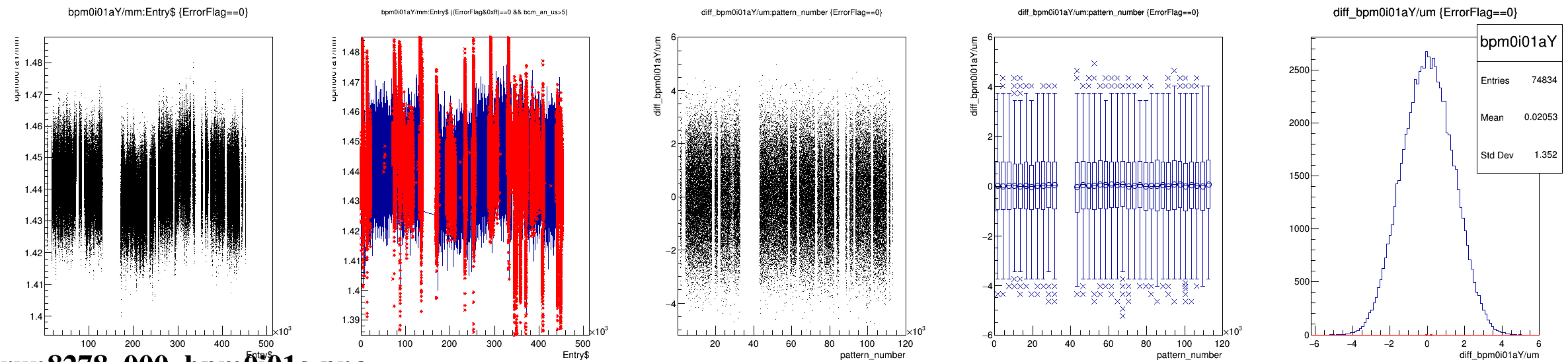
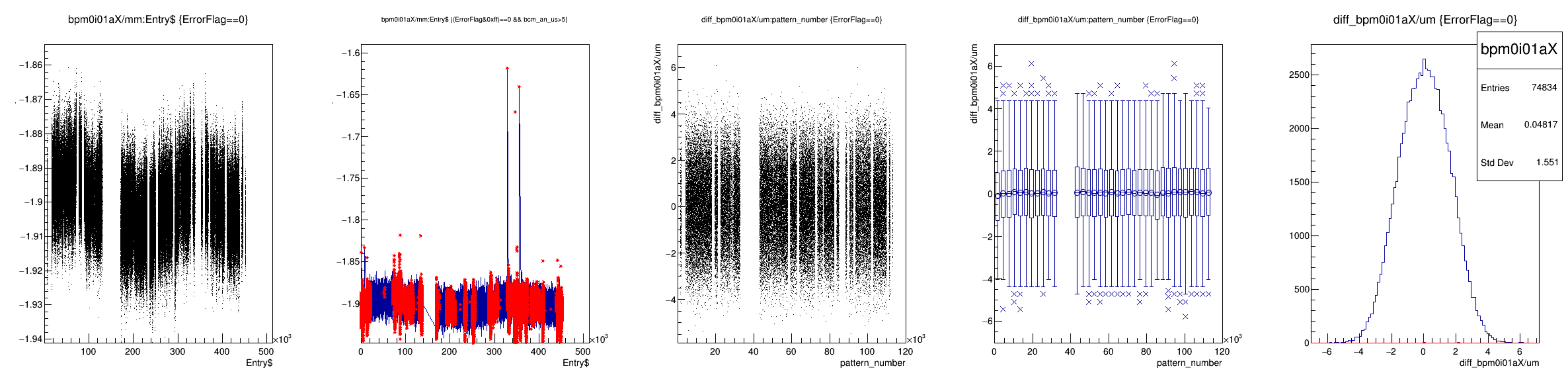




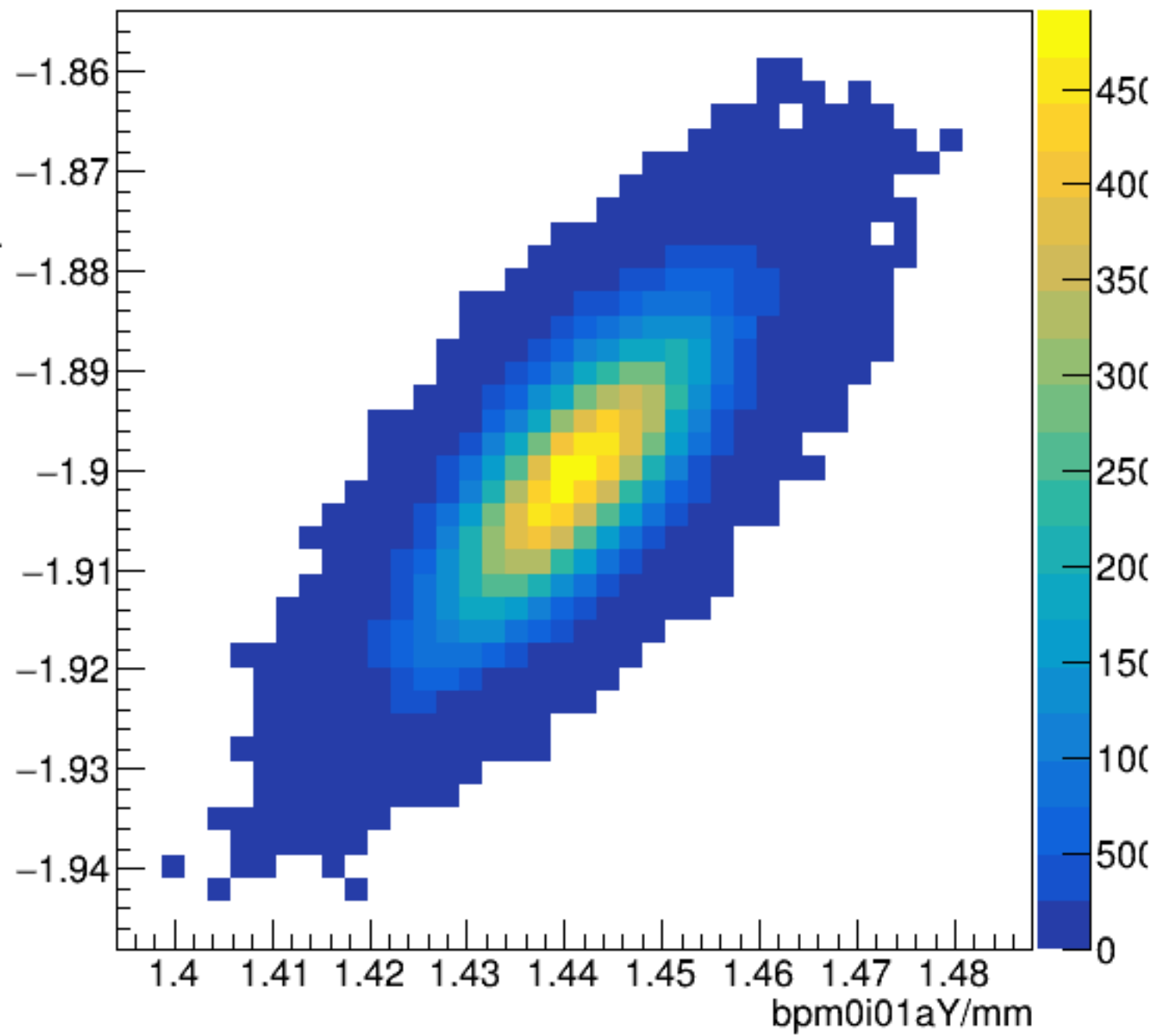
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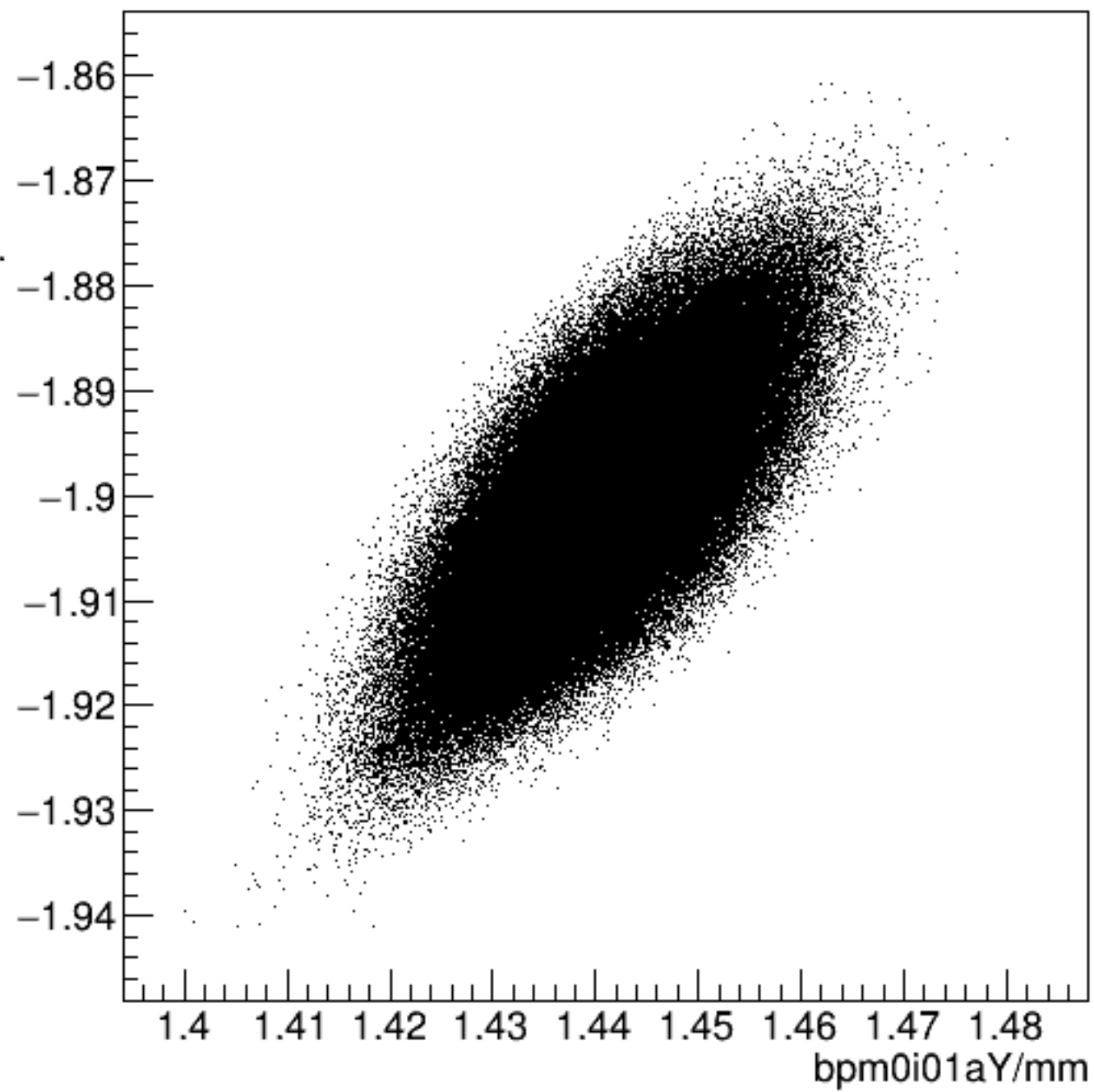
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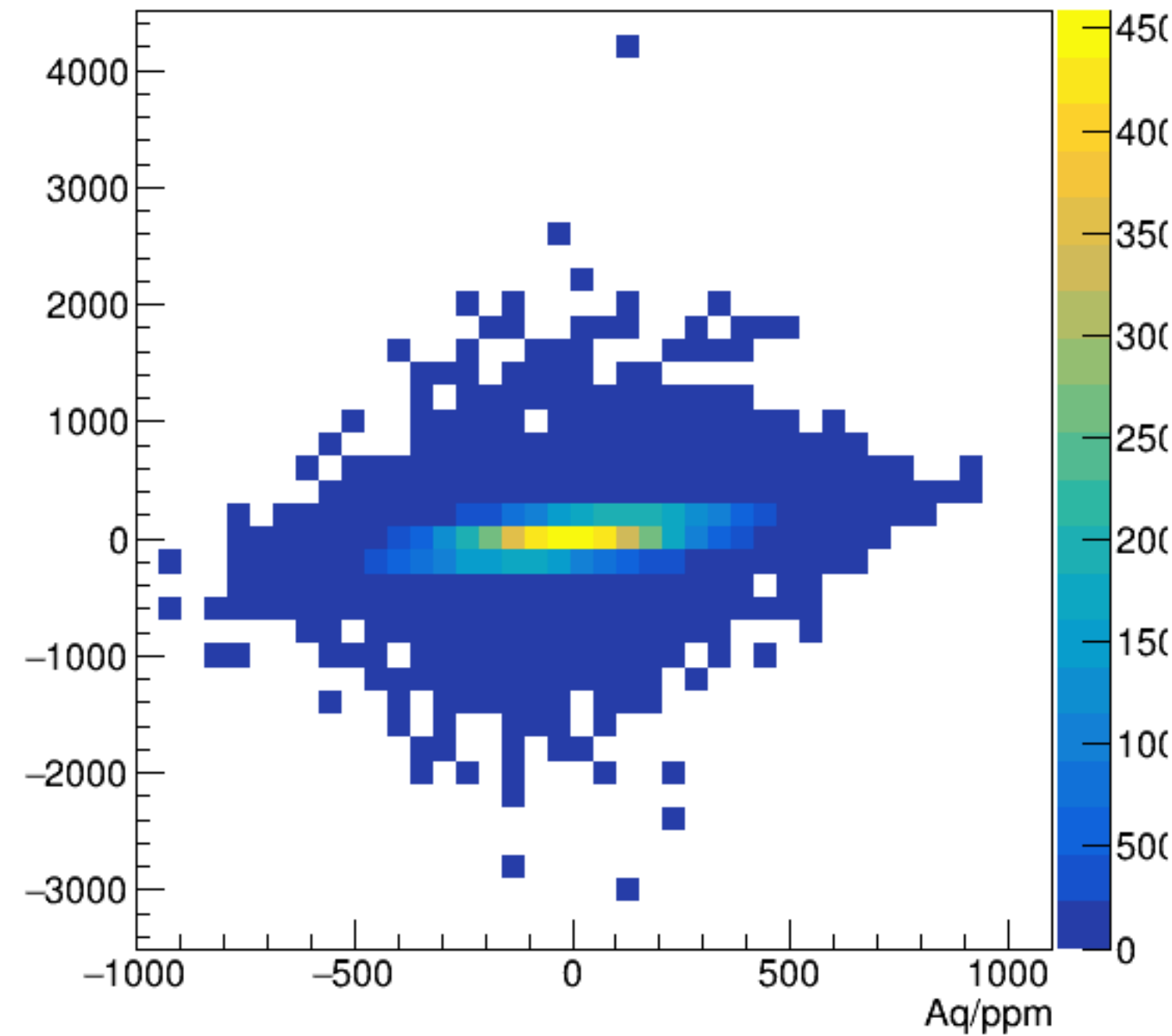
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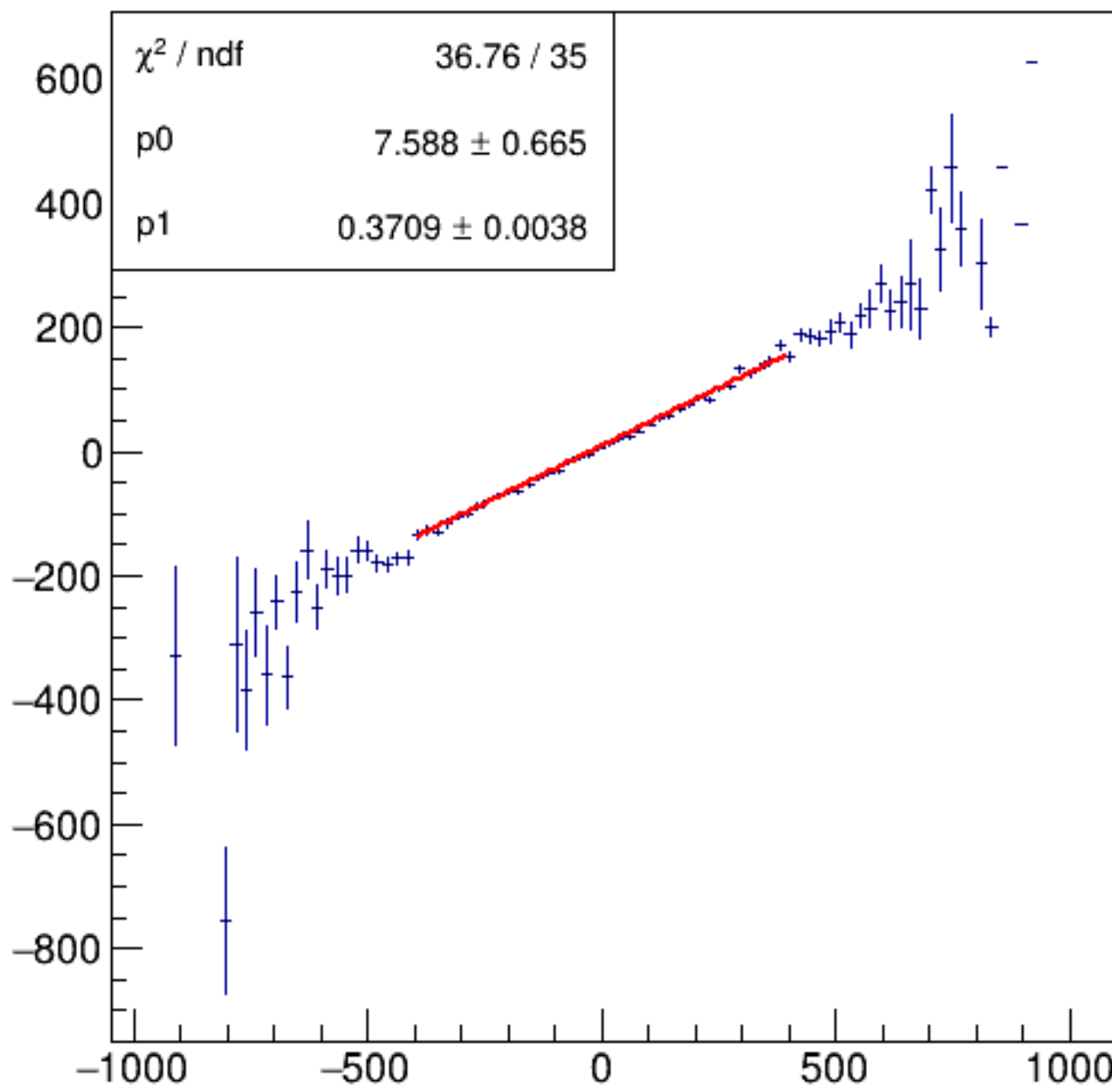
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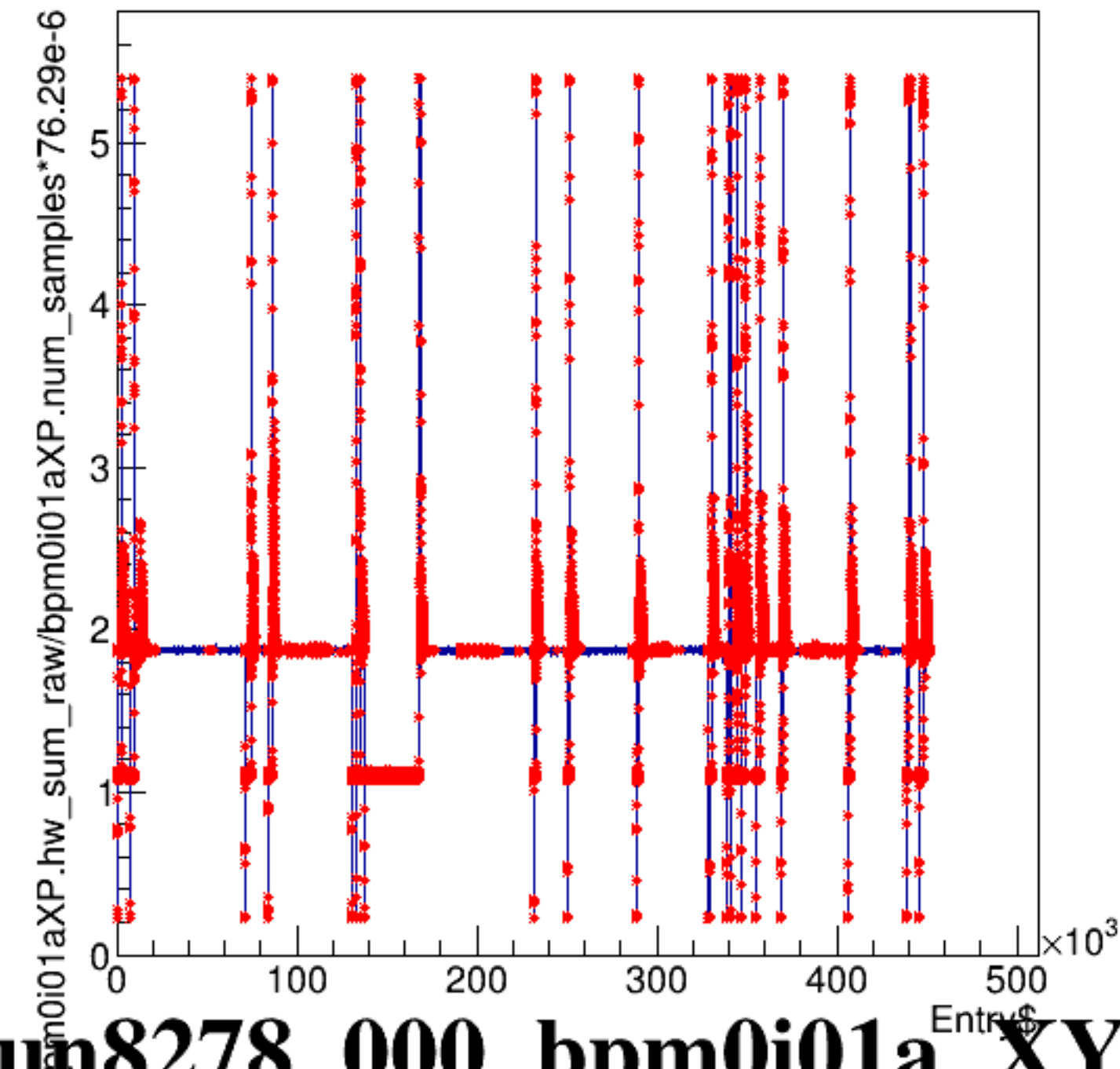
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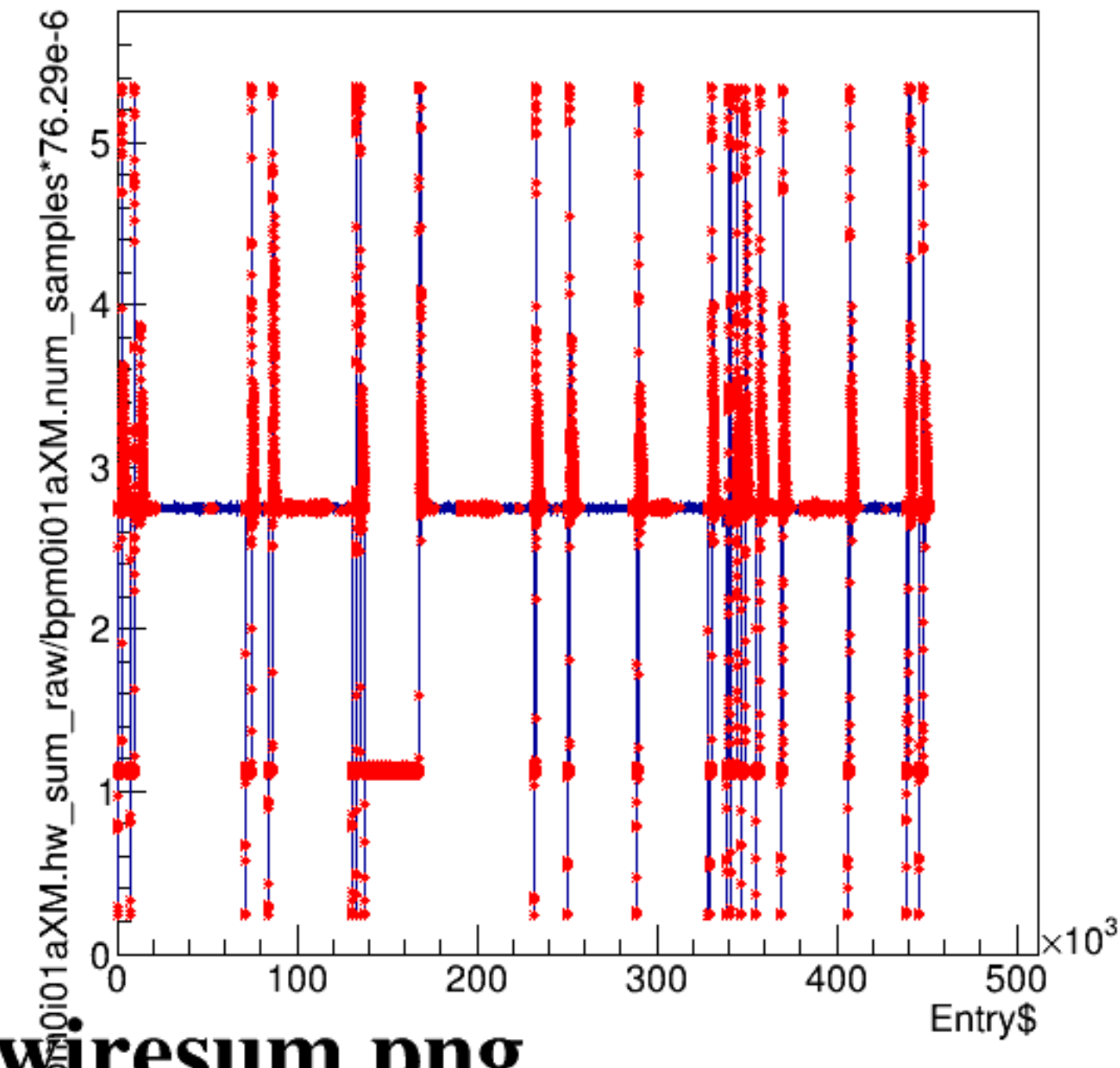
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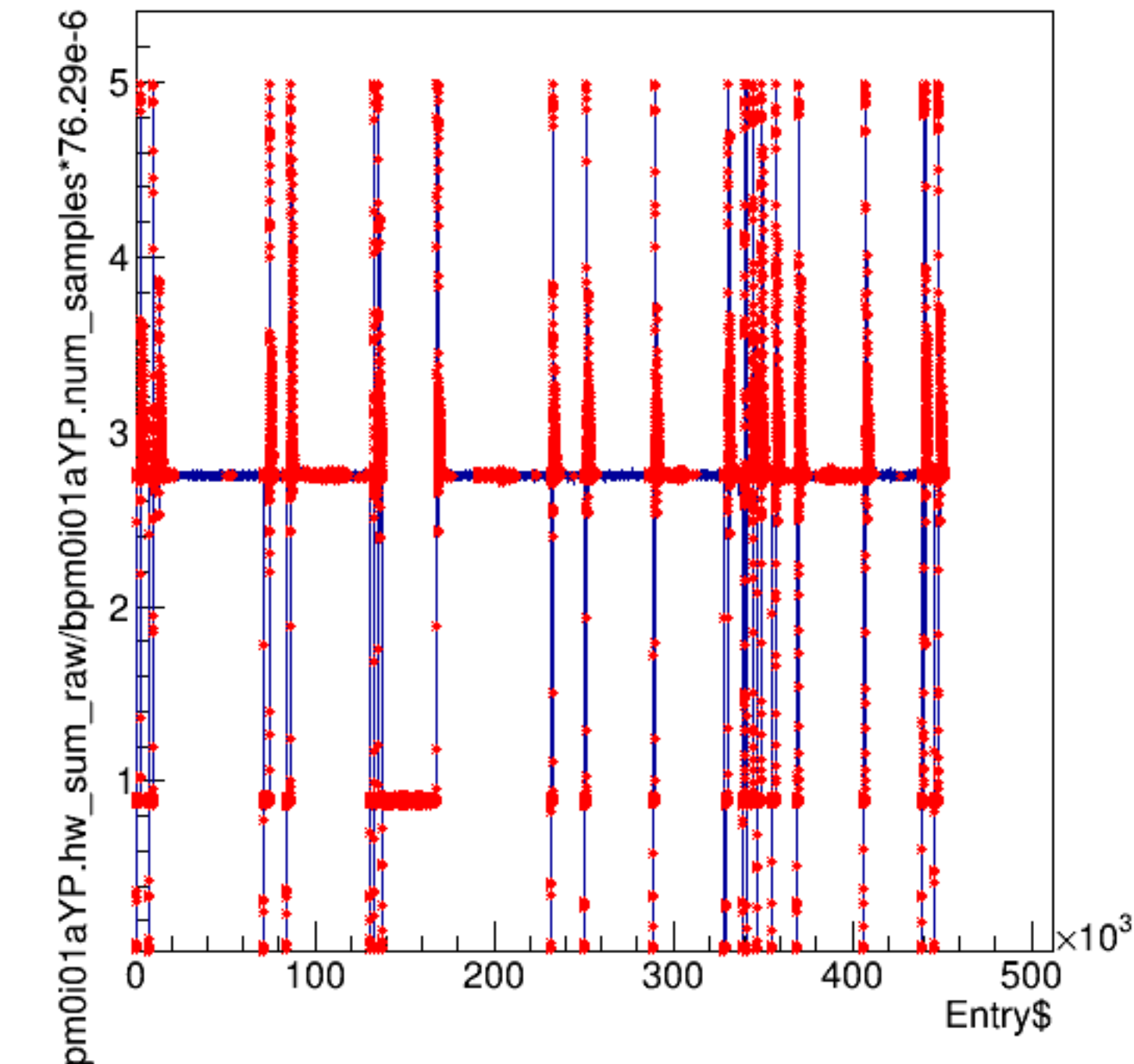
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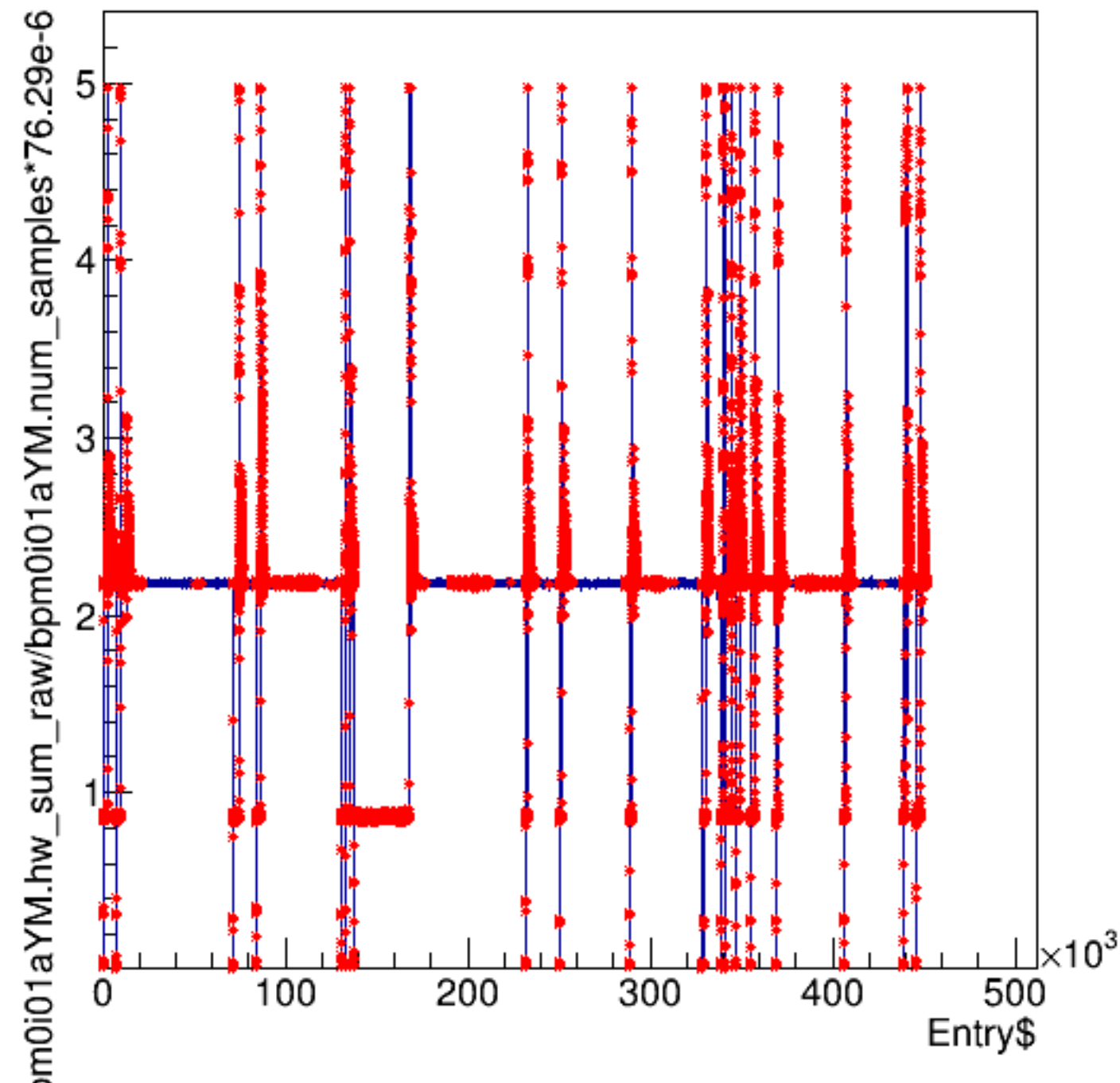
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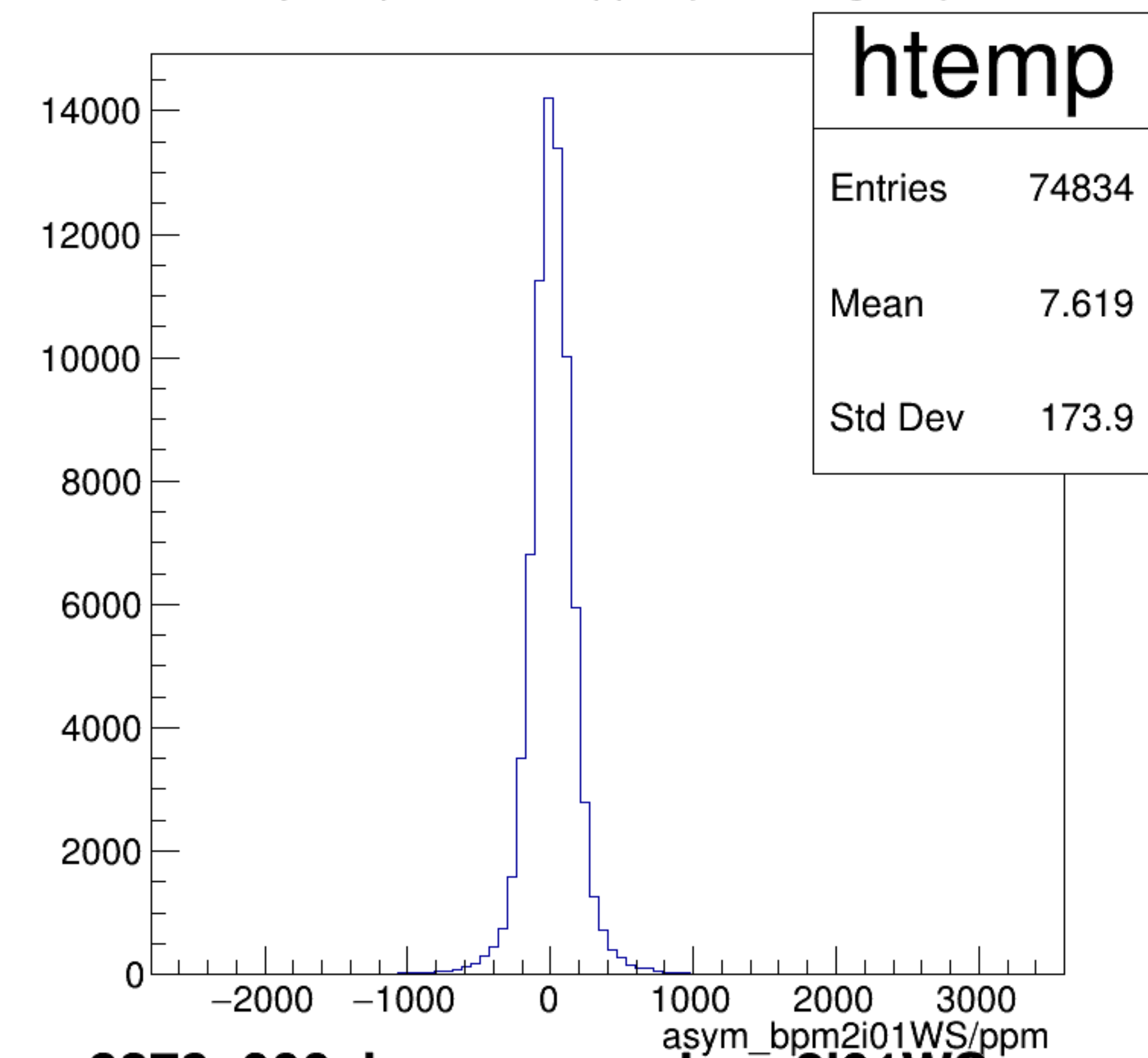
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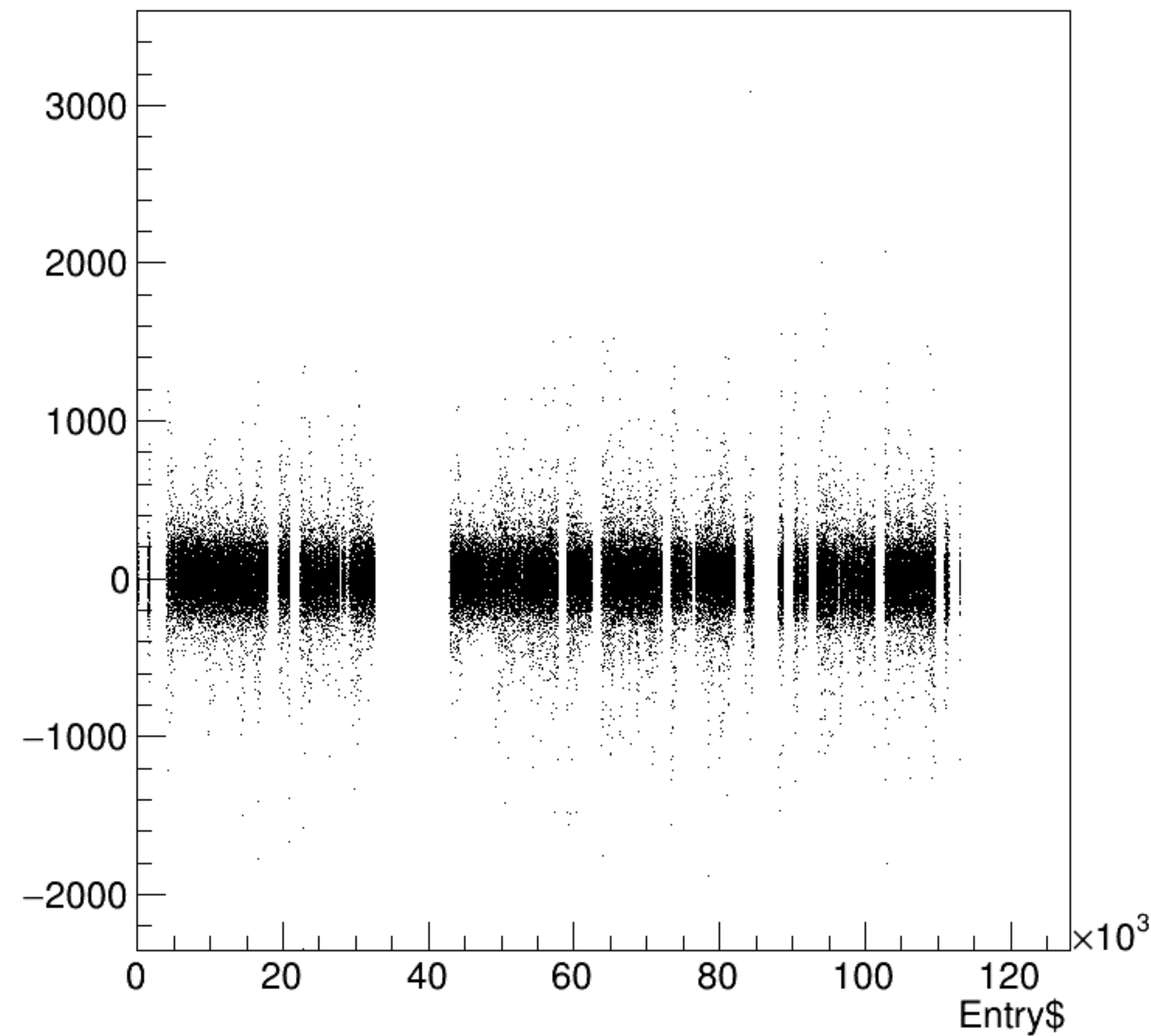
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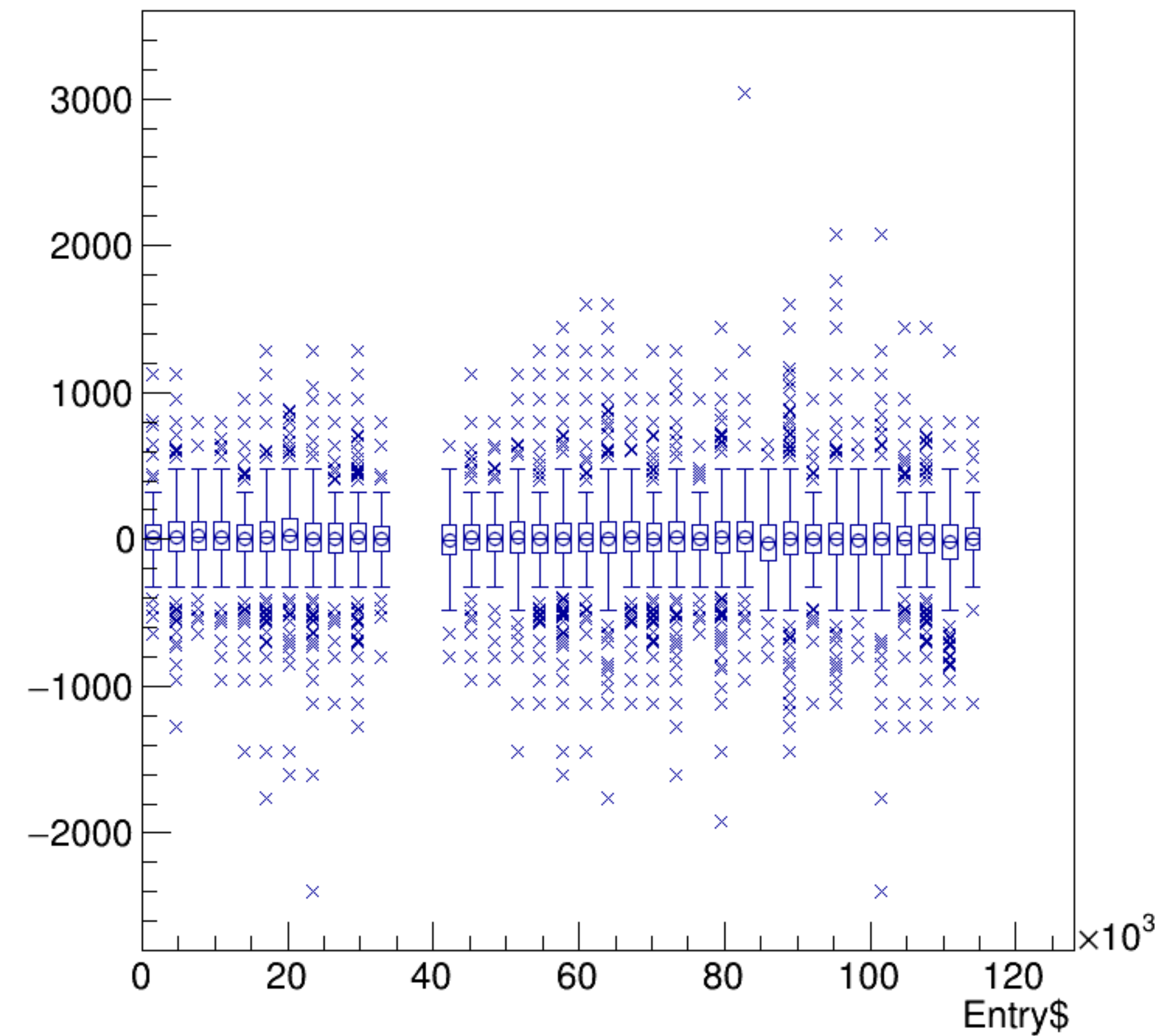
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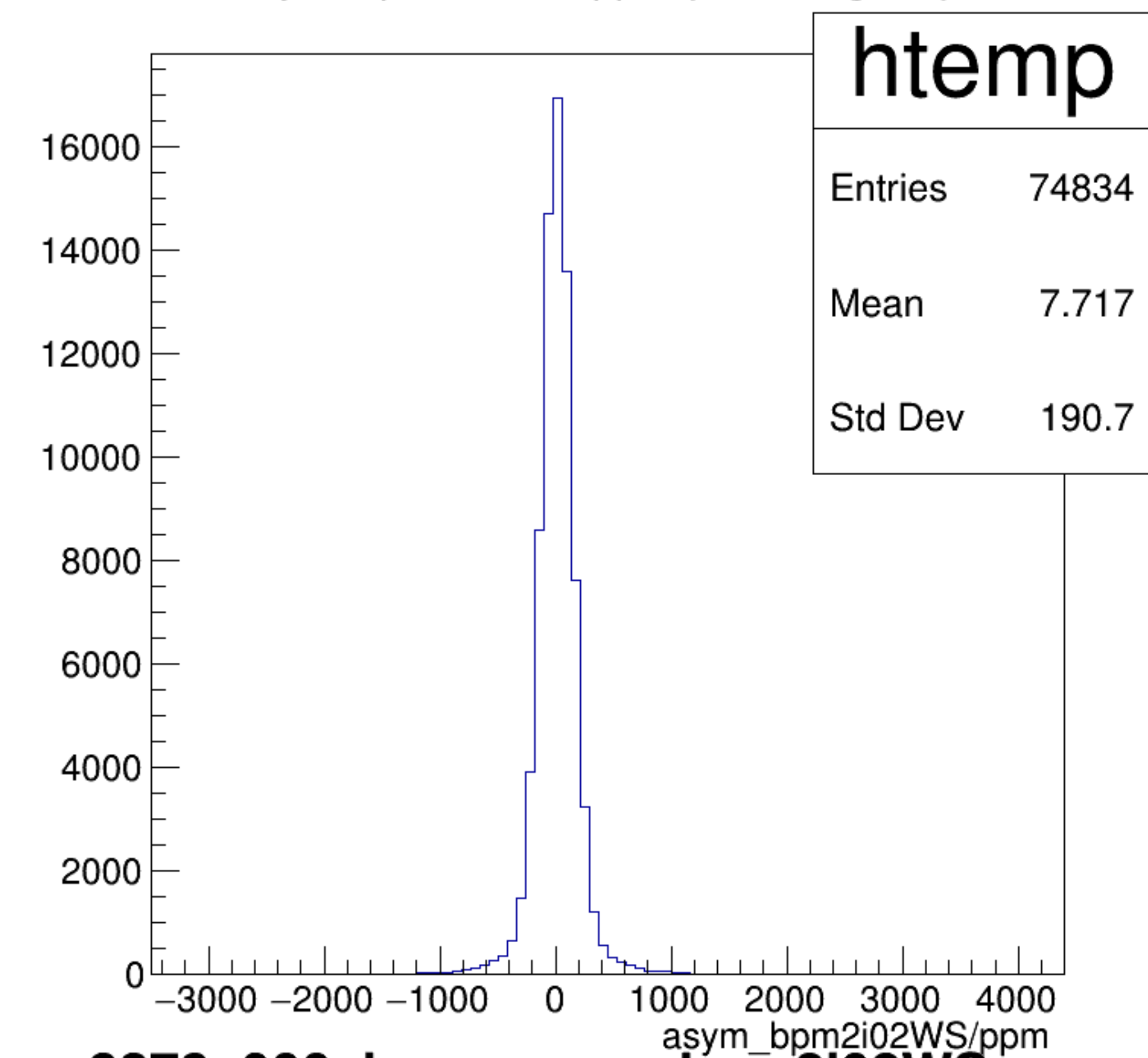
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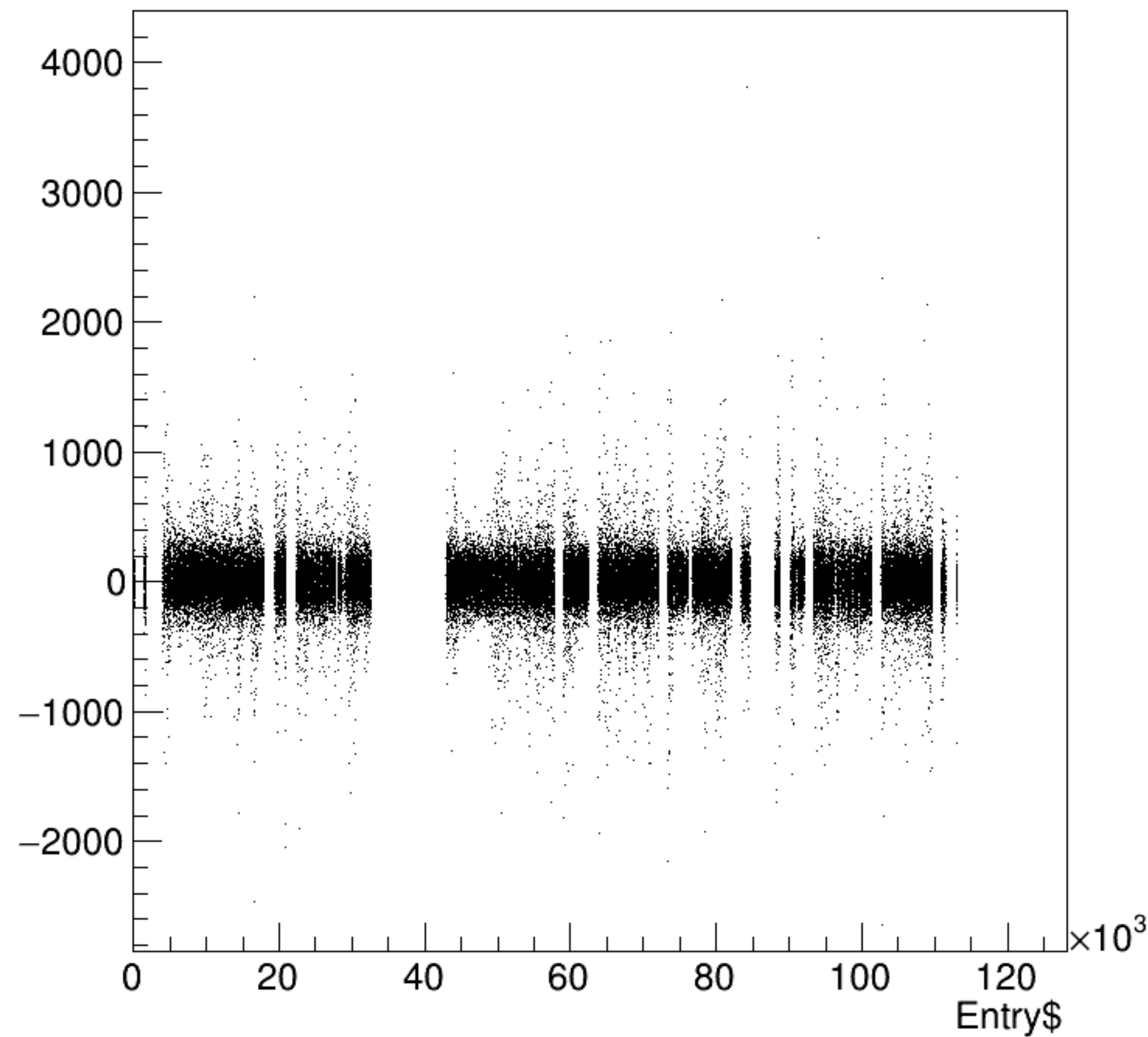
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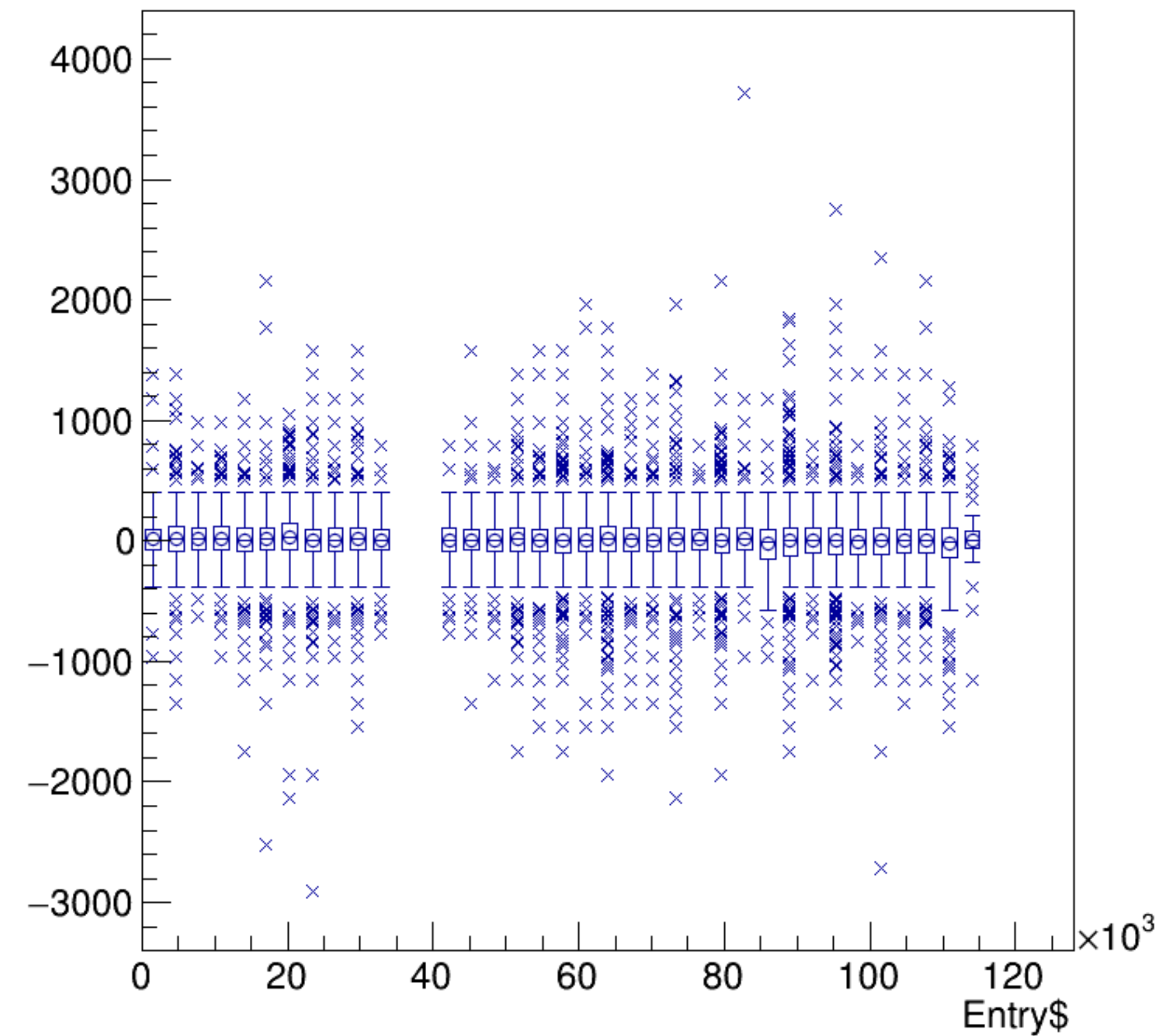
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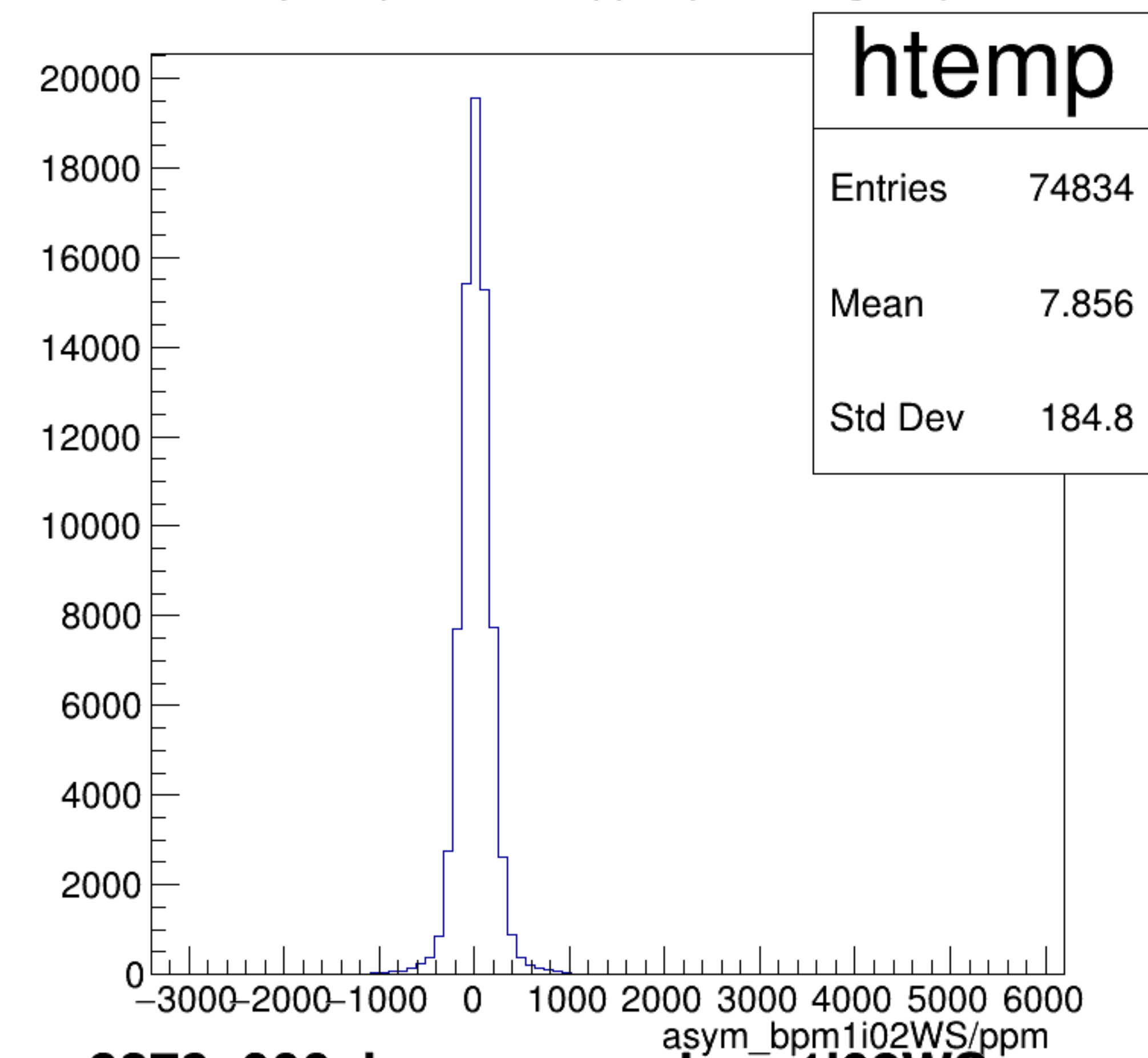
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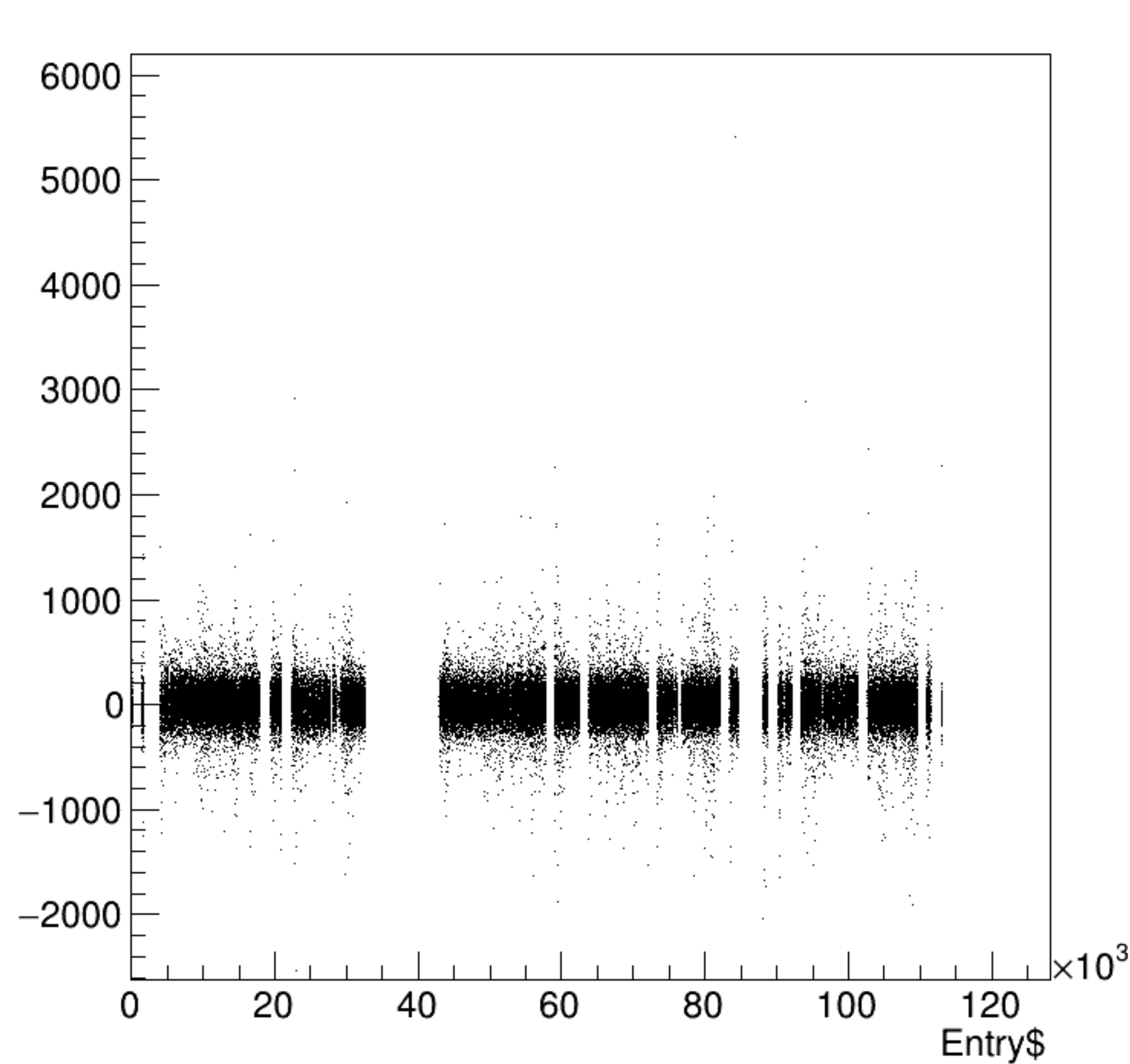


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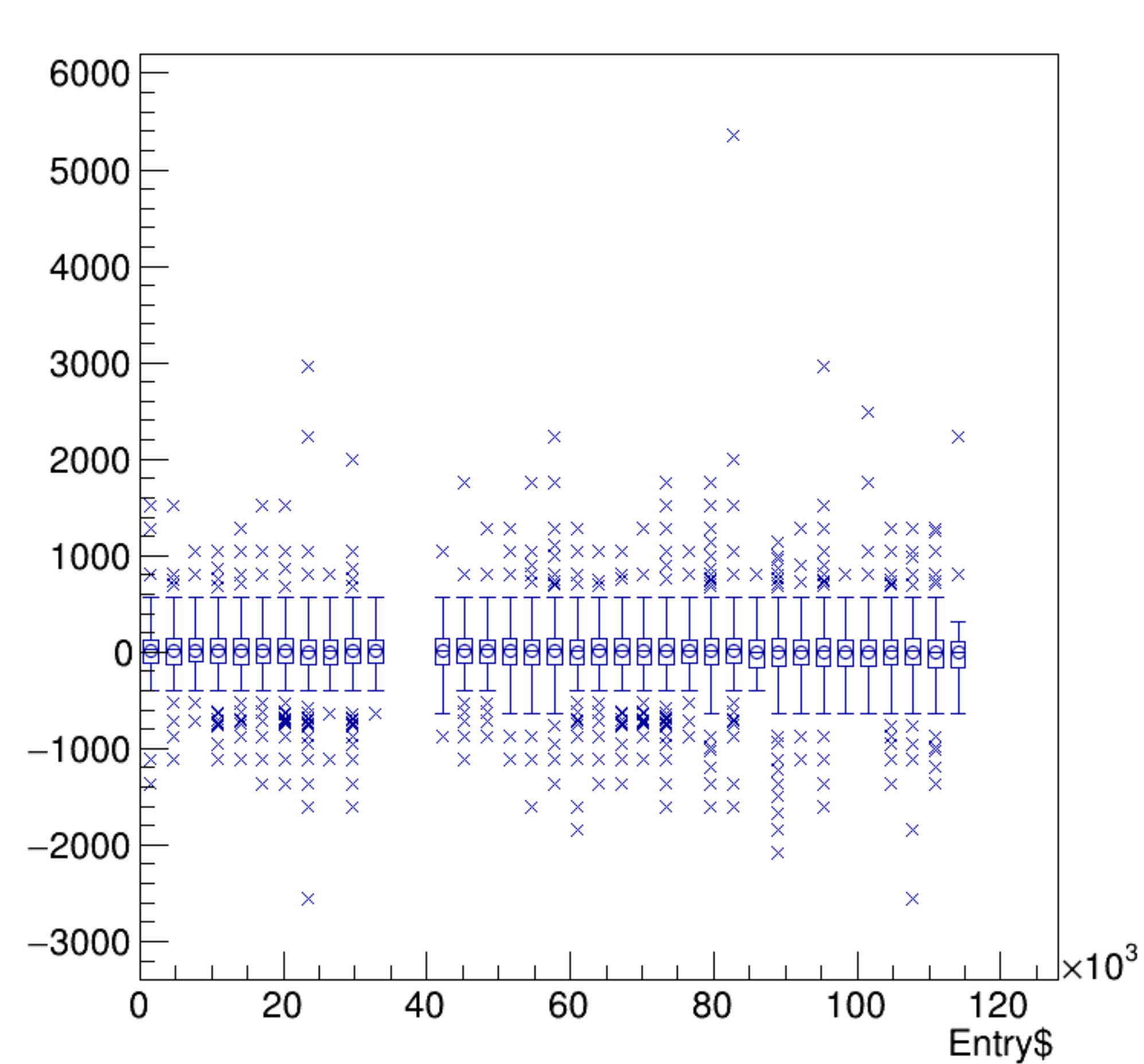


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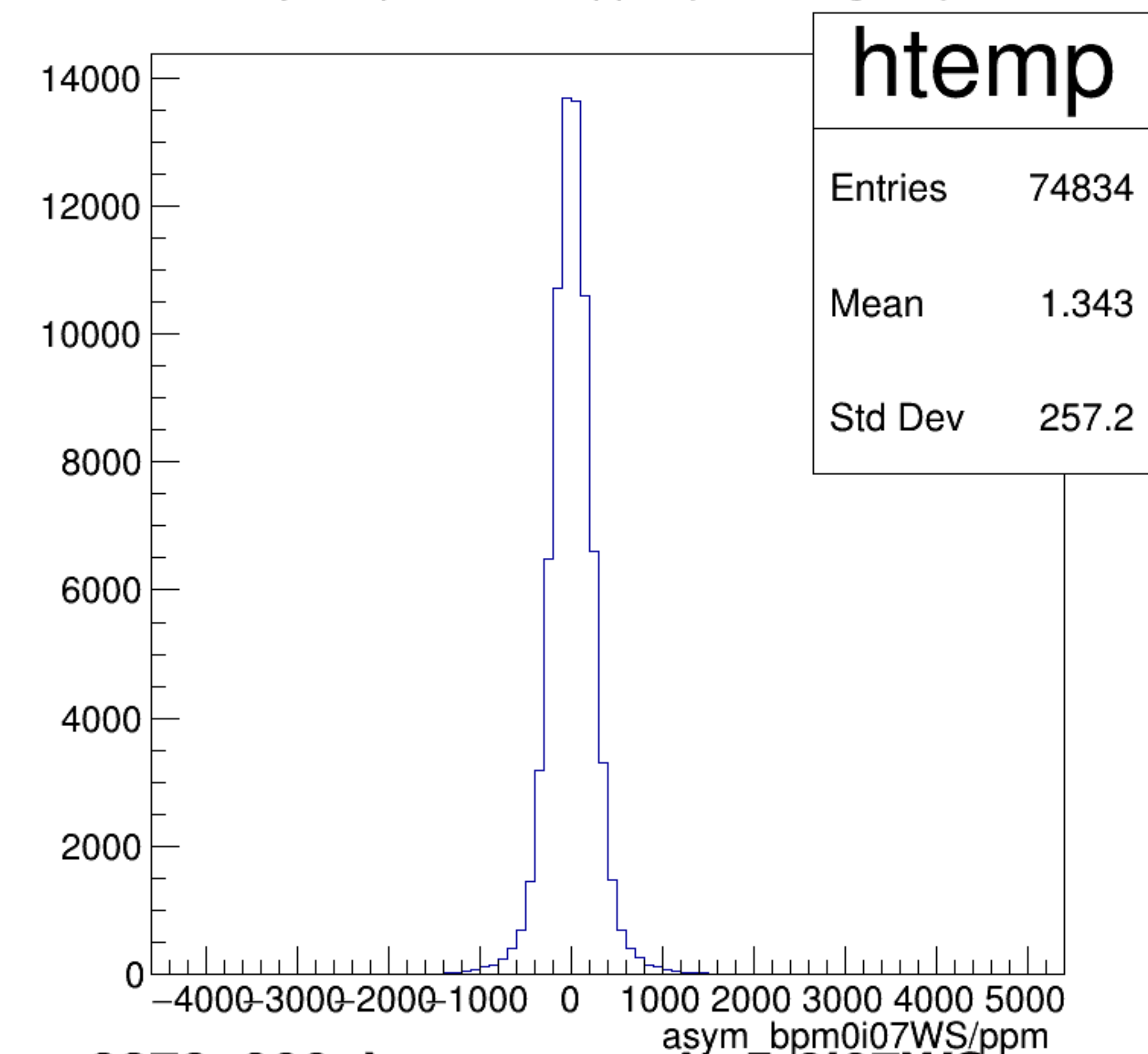
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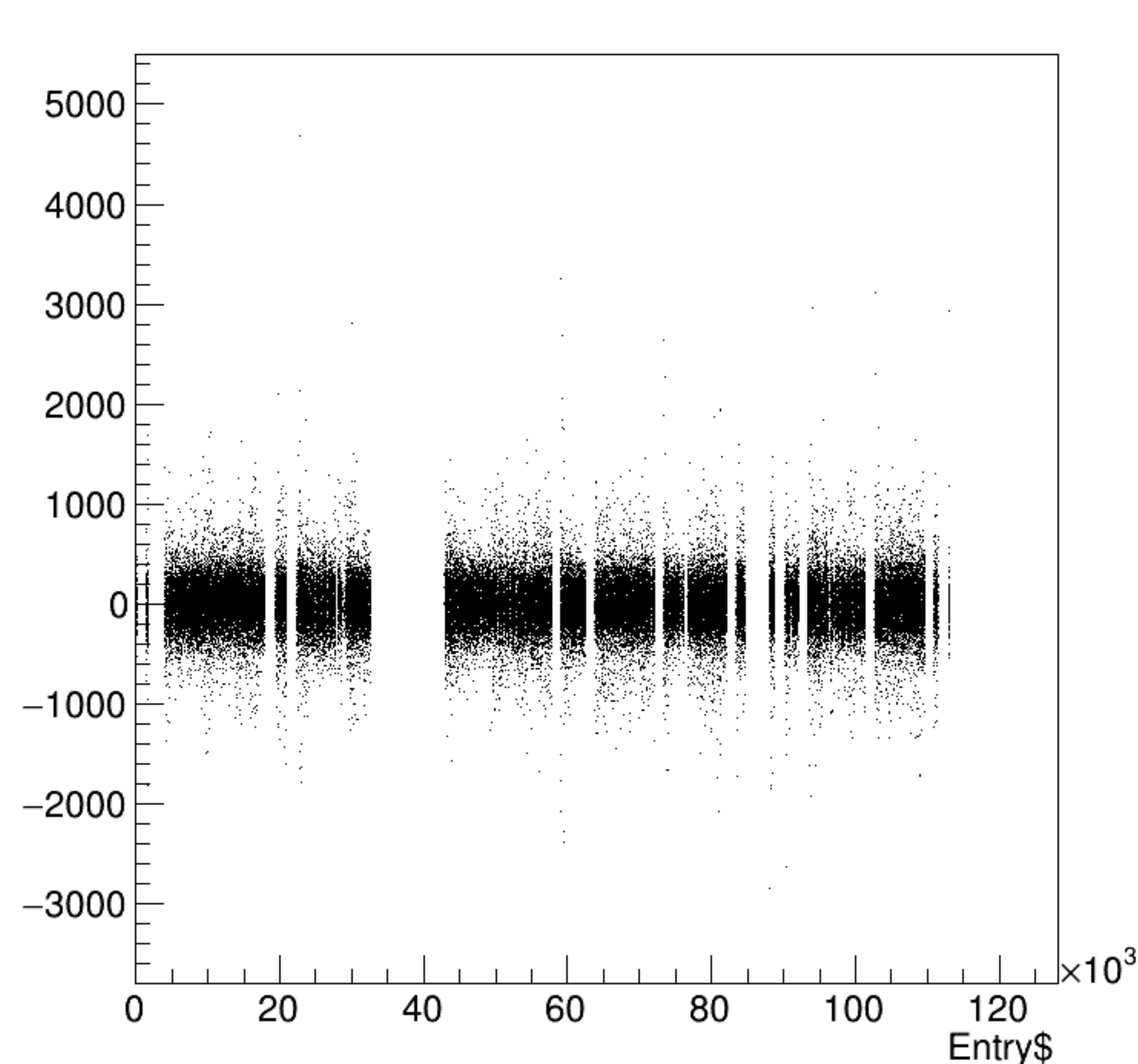


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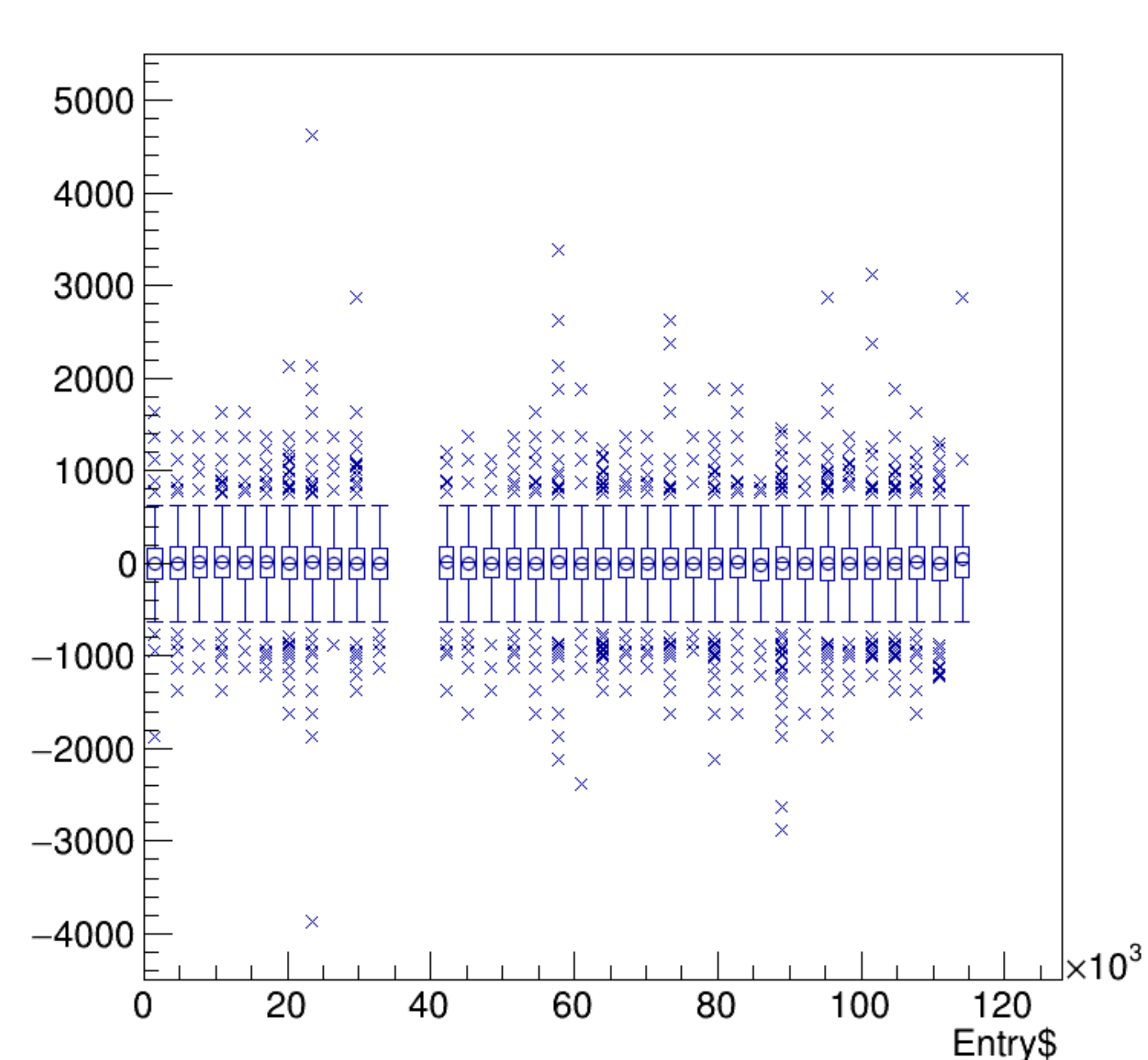


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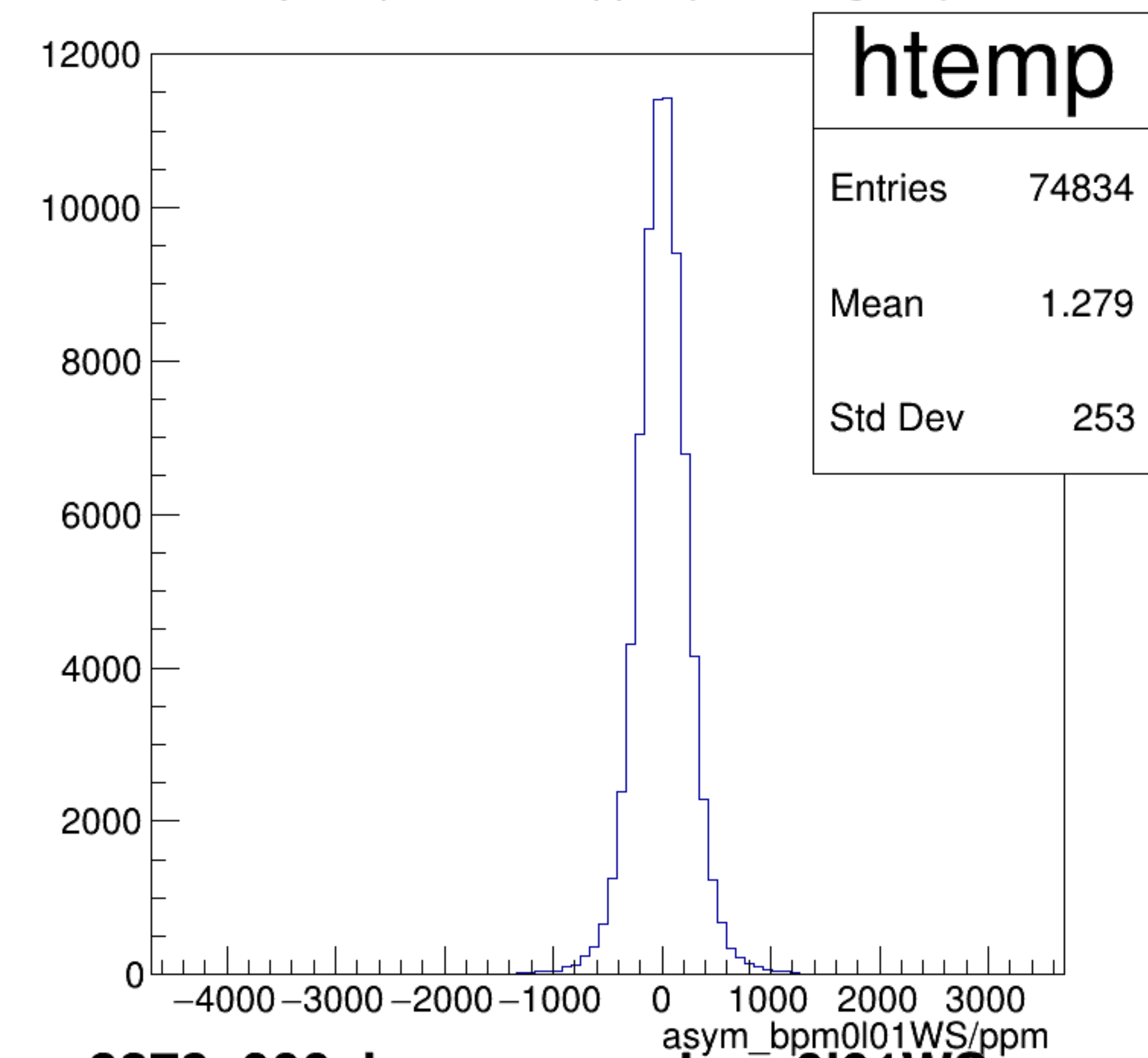
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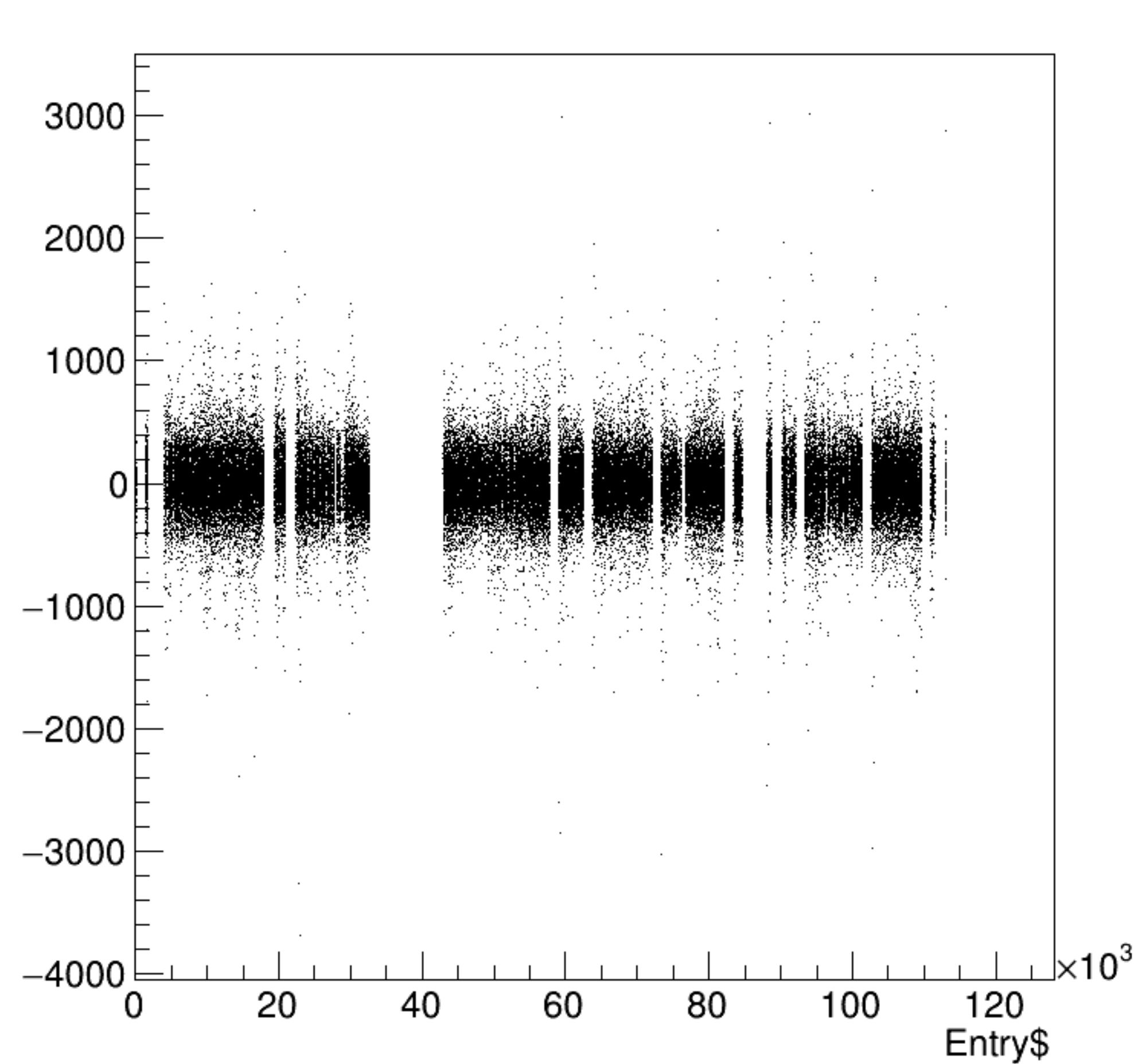
asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}



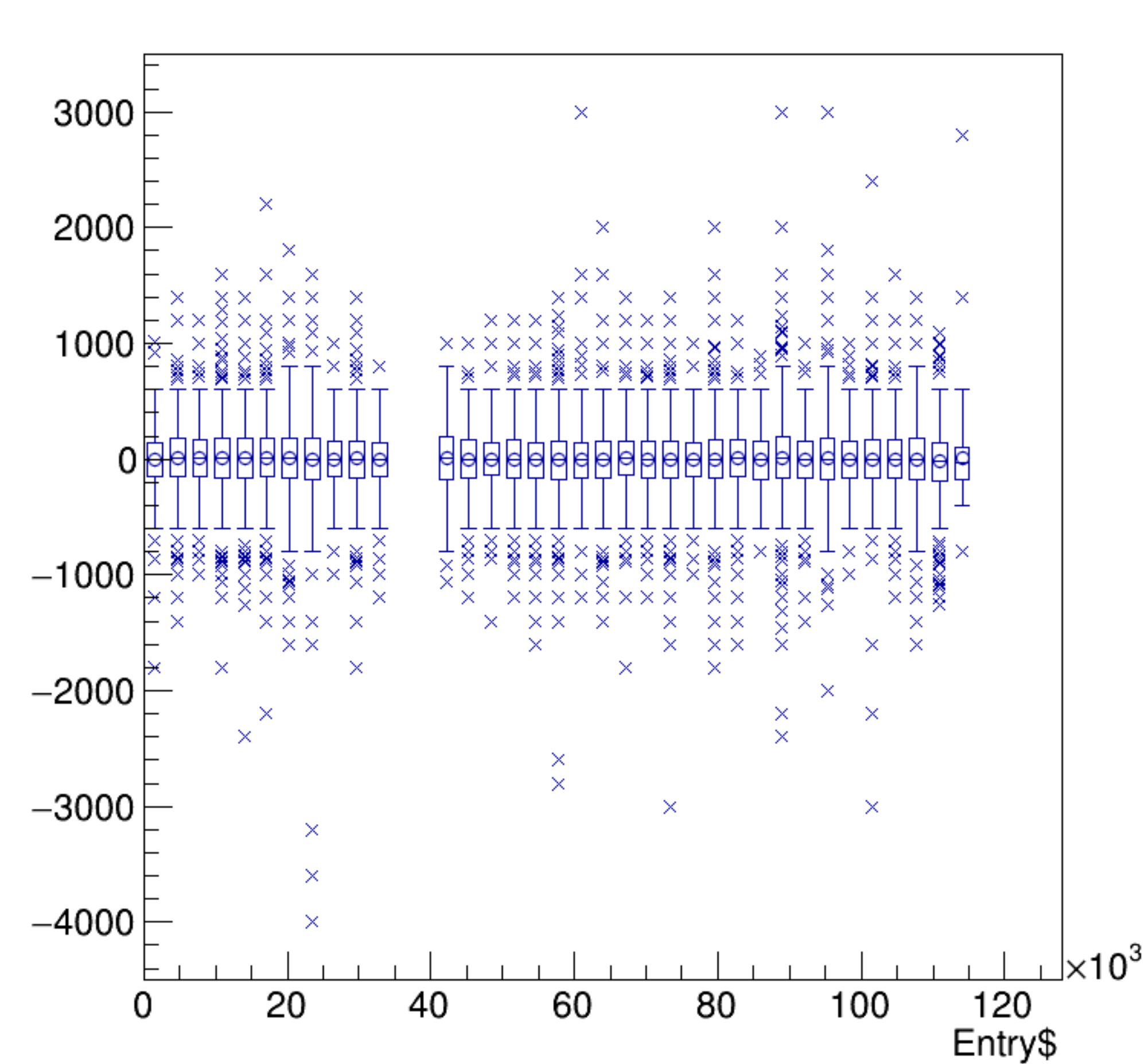
asym_bpm0l01WS/ppm {ErrorFlag==0}



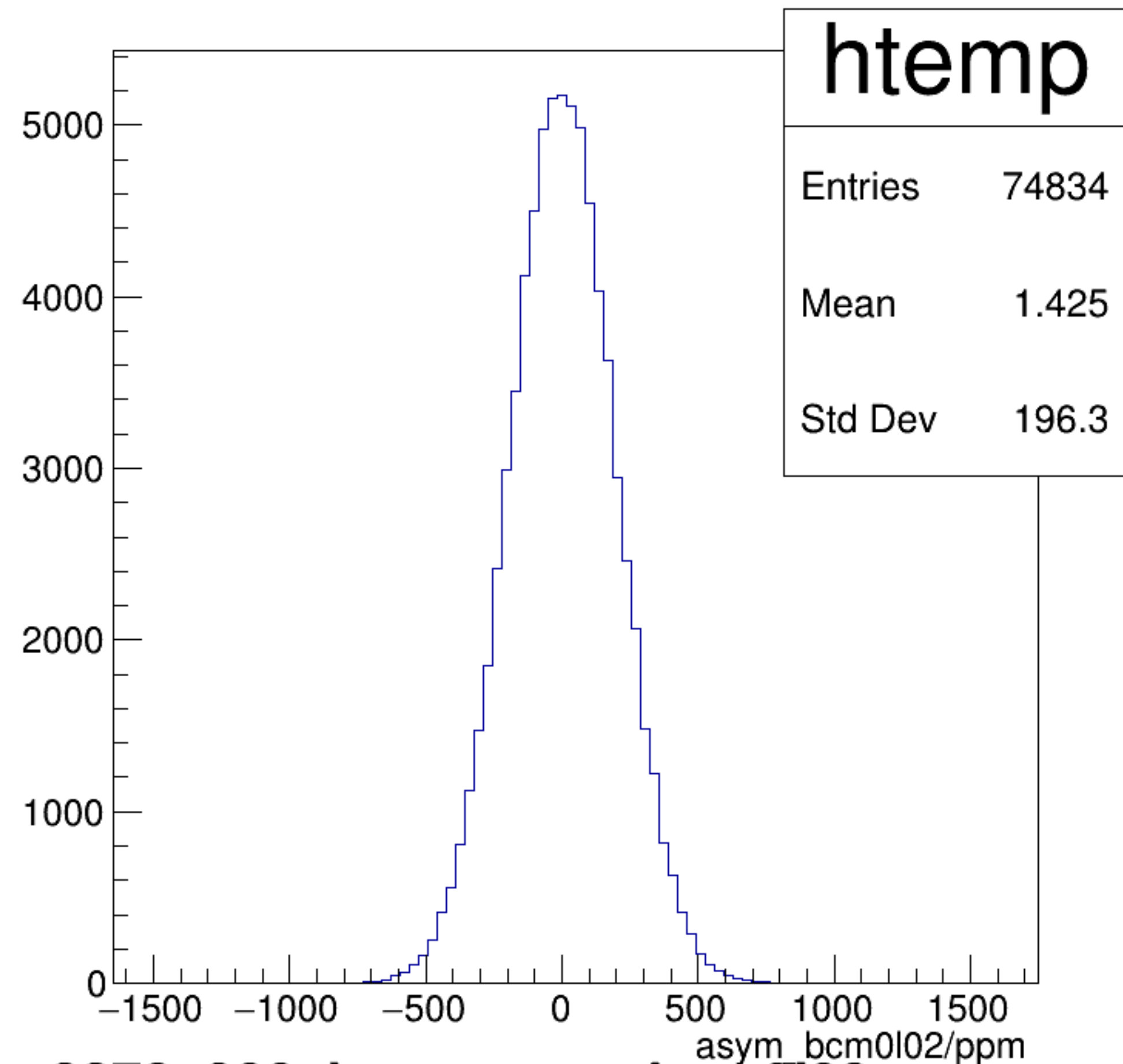
asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}



asym_bpm0l01WS/ppm:Entry\$ {ErrorFlag==0}

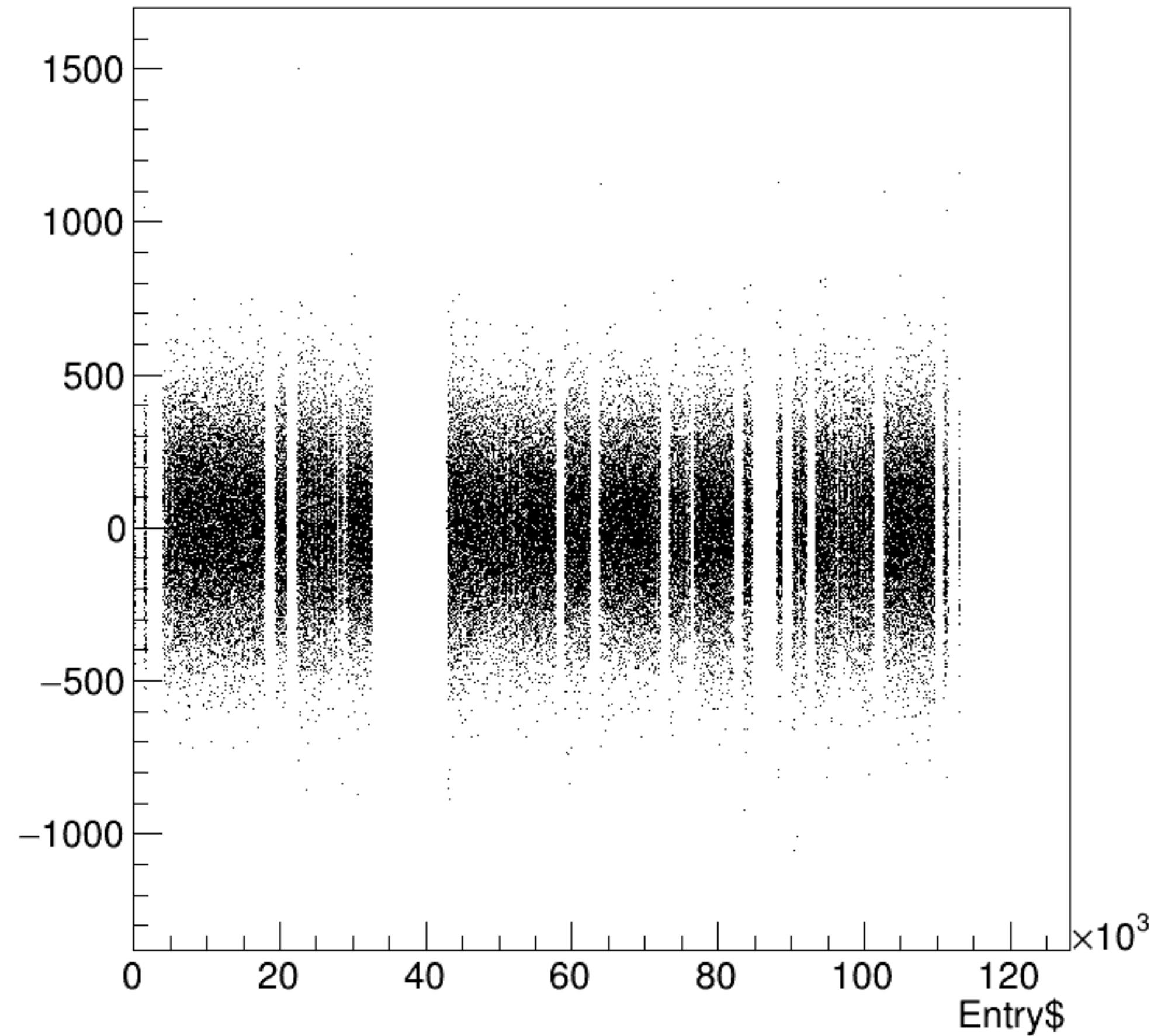


asym_bcm0l02/ppm {ErrorFlag==0}

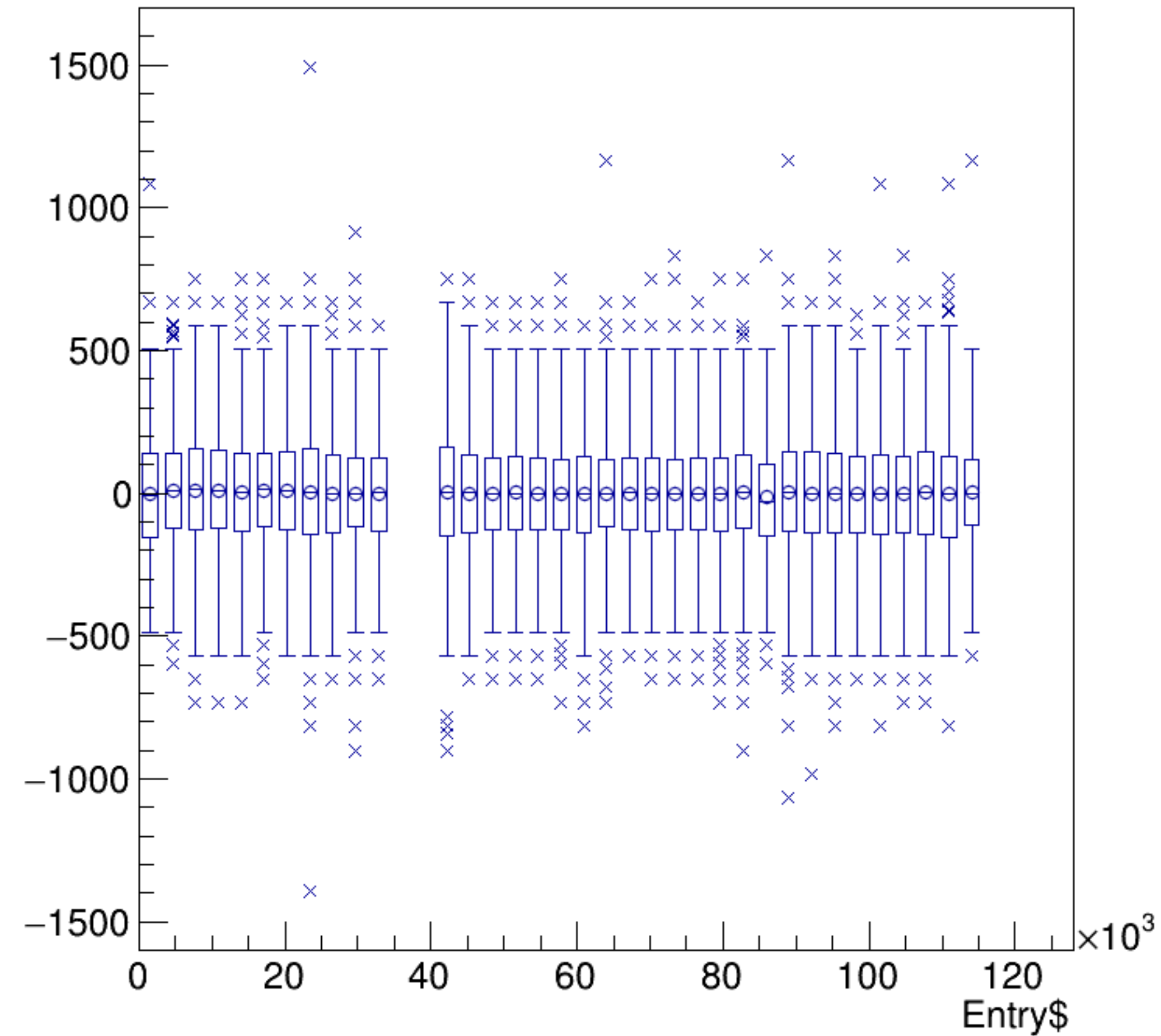


run8278_000_bpm_asym_bcm0l02.png

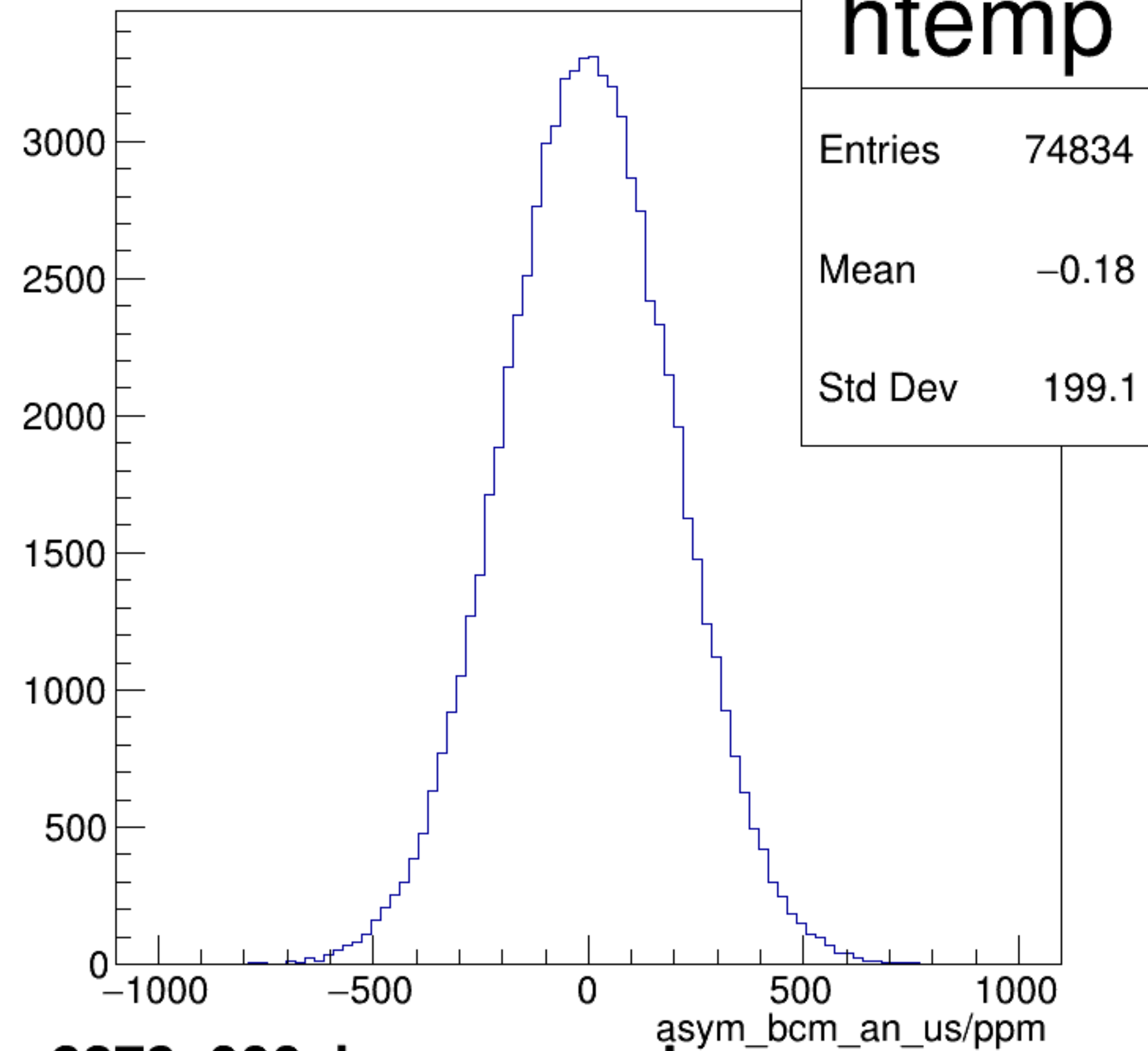
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



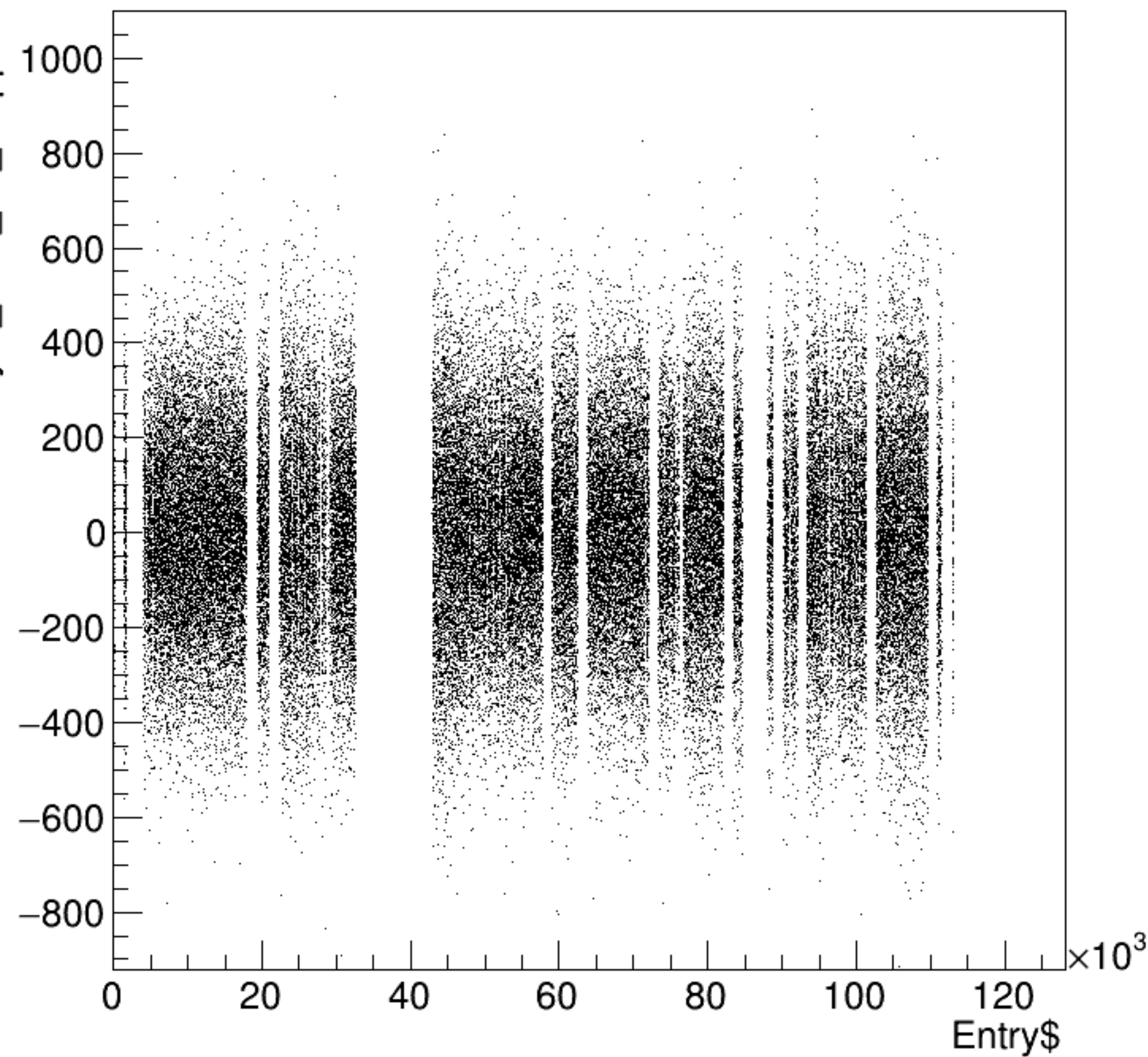
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



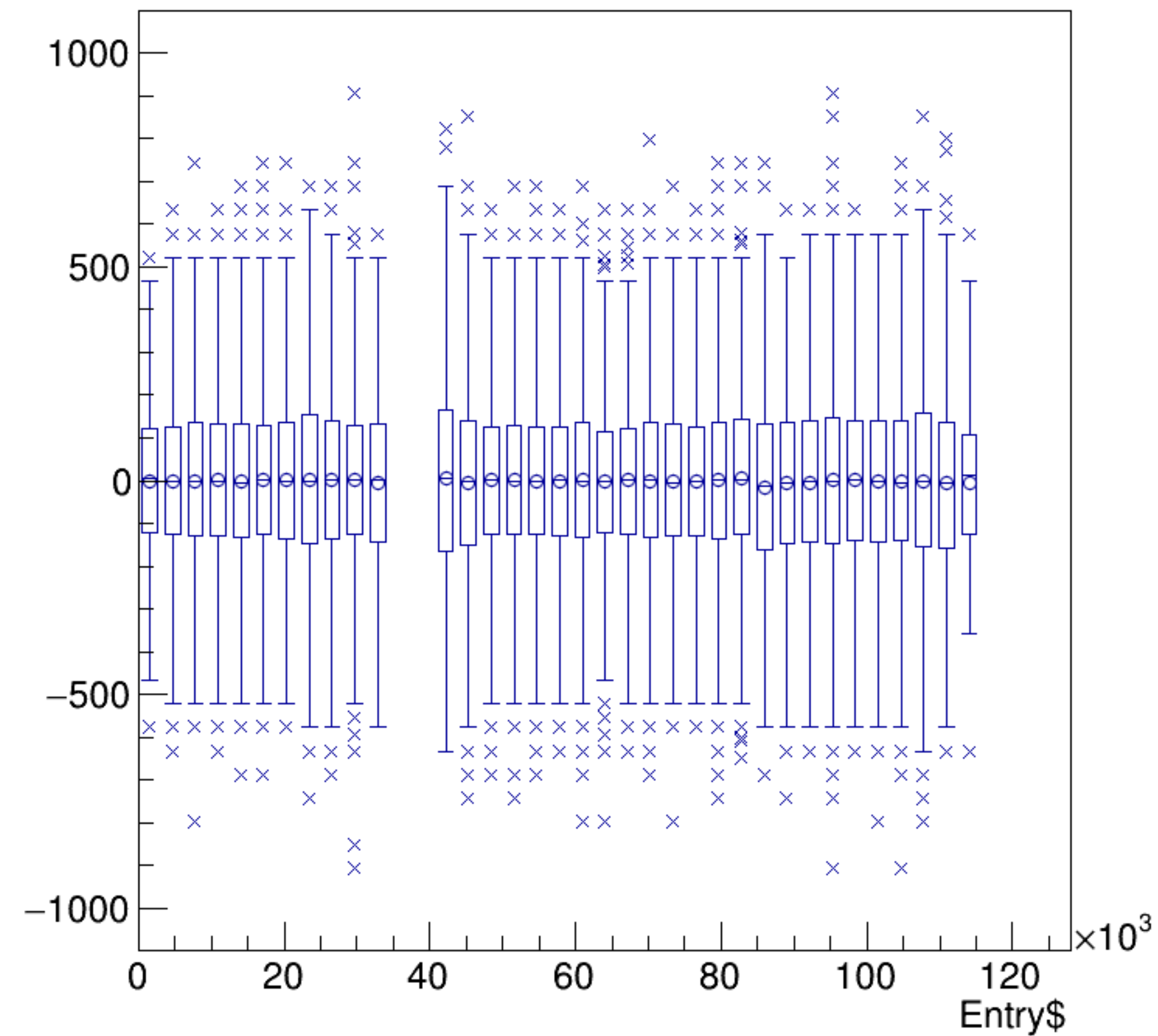
asym_bcm_an_us/ppm {ErrorFlag==0}



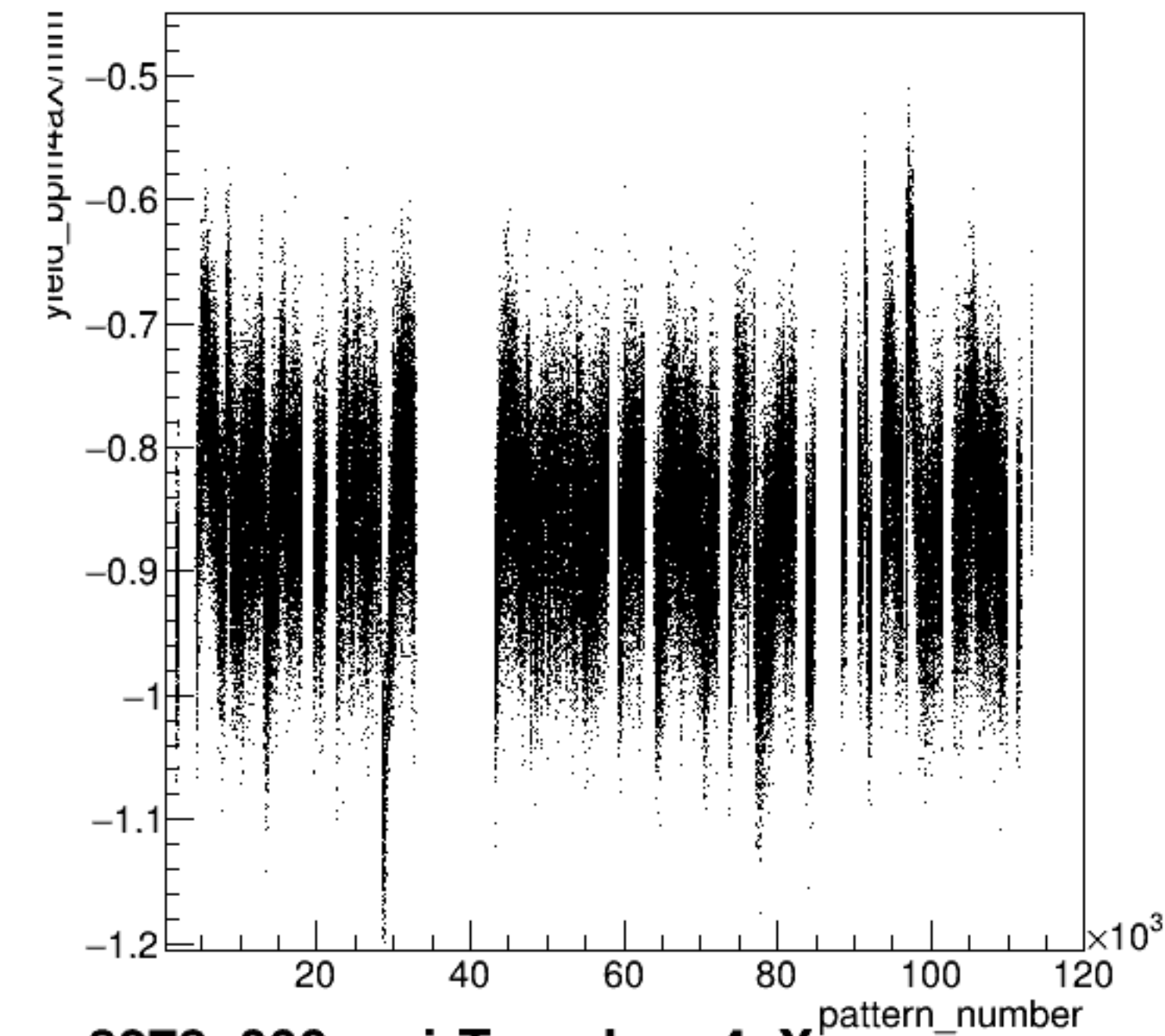
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}

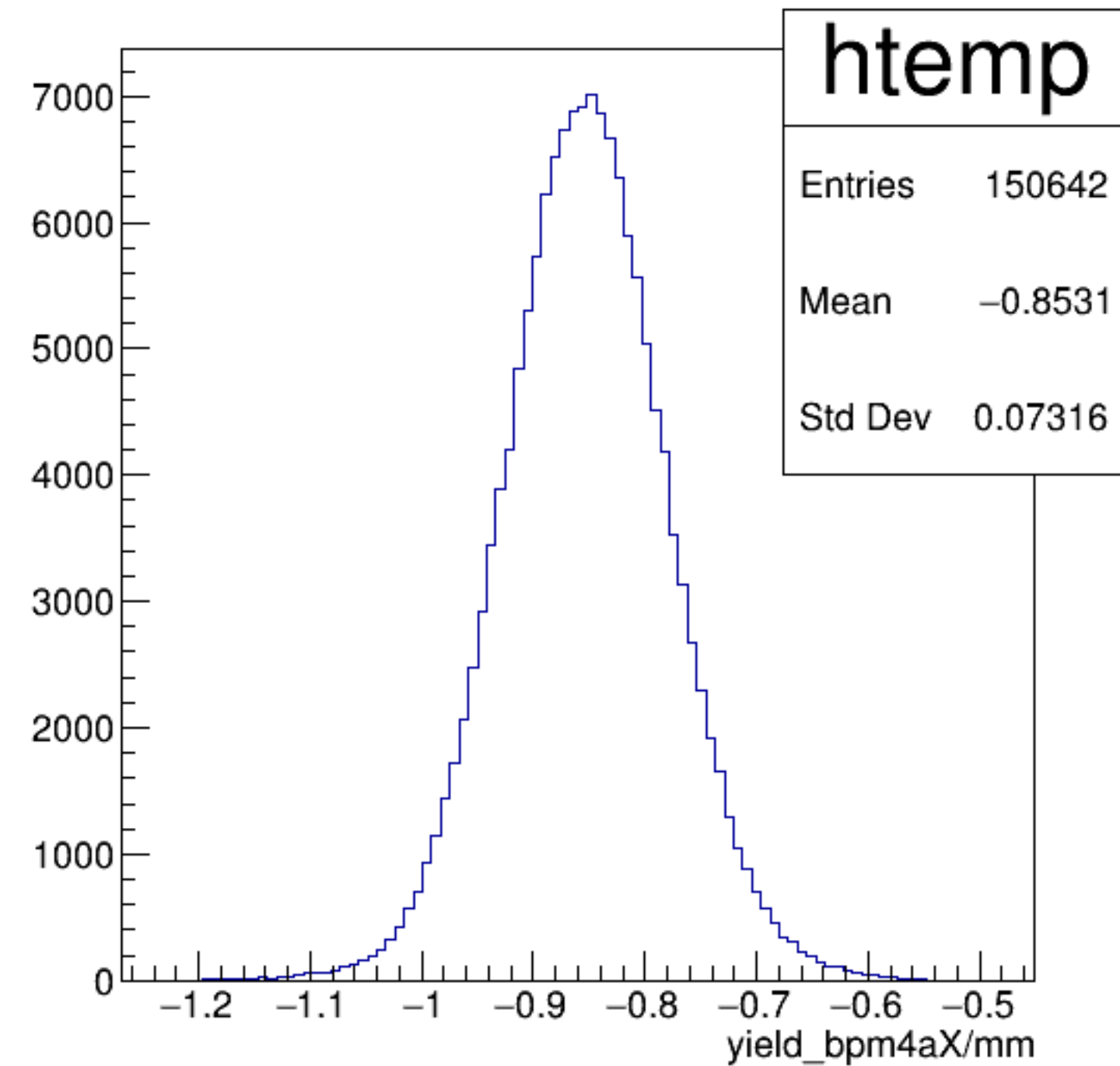


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

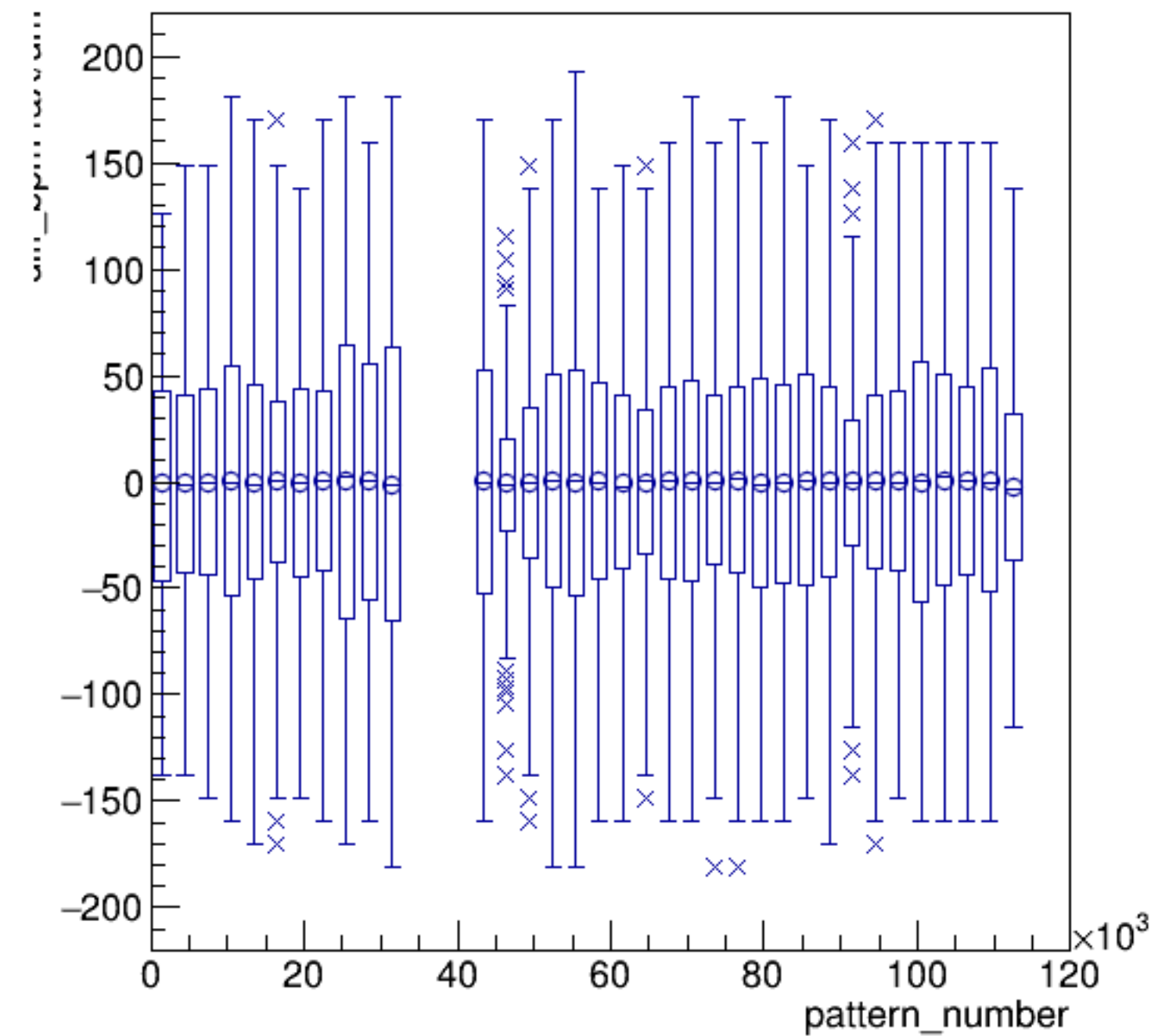


run8278_000_pairTree_bpm4aX.png

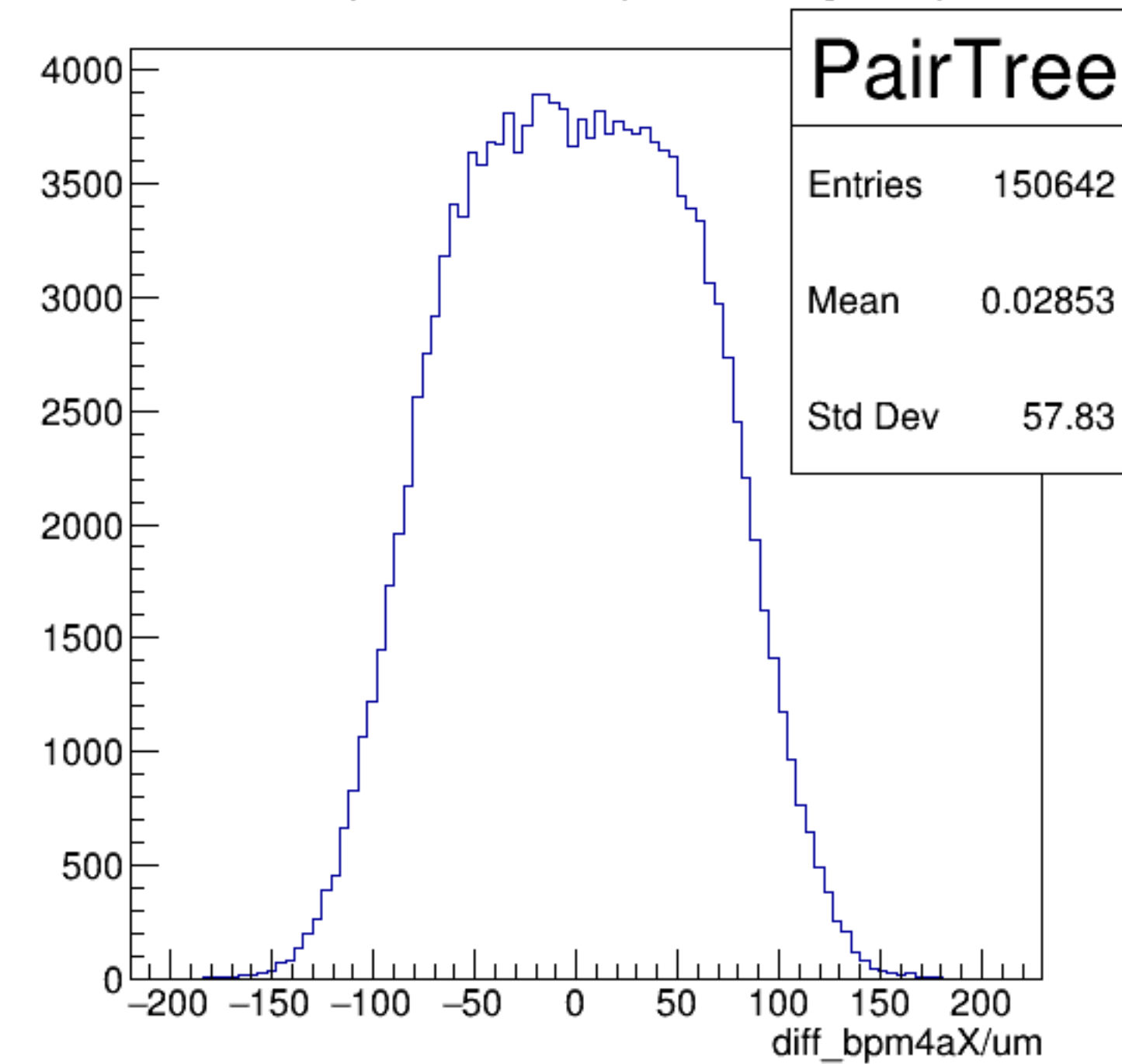
yield_bpm4aX/mm {ErrorFlag==0}

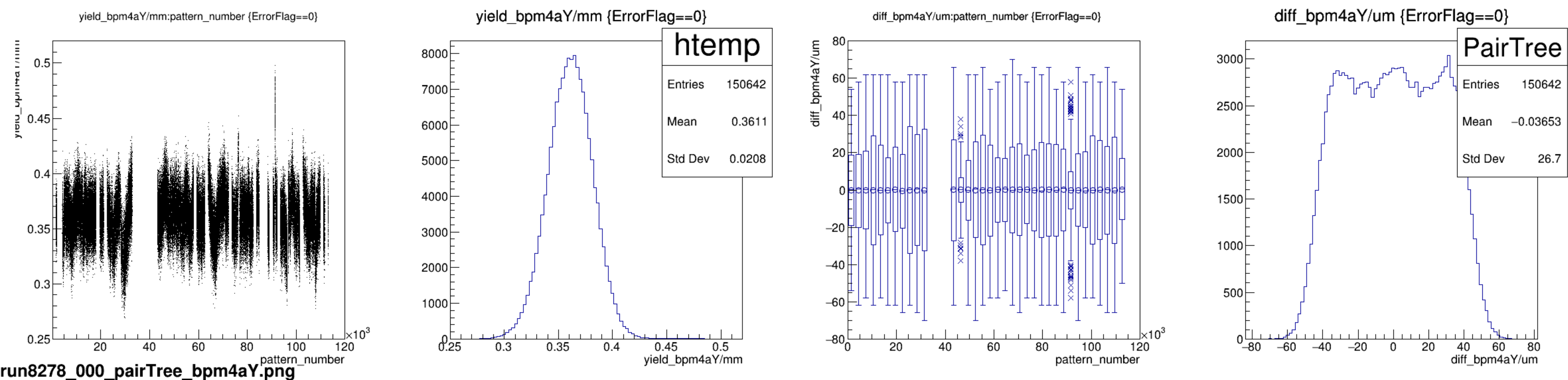


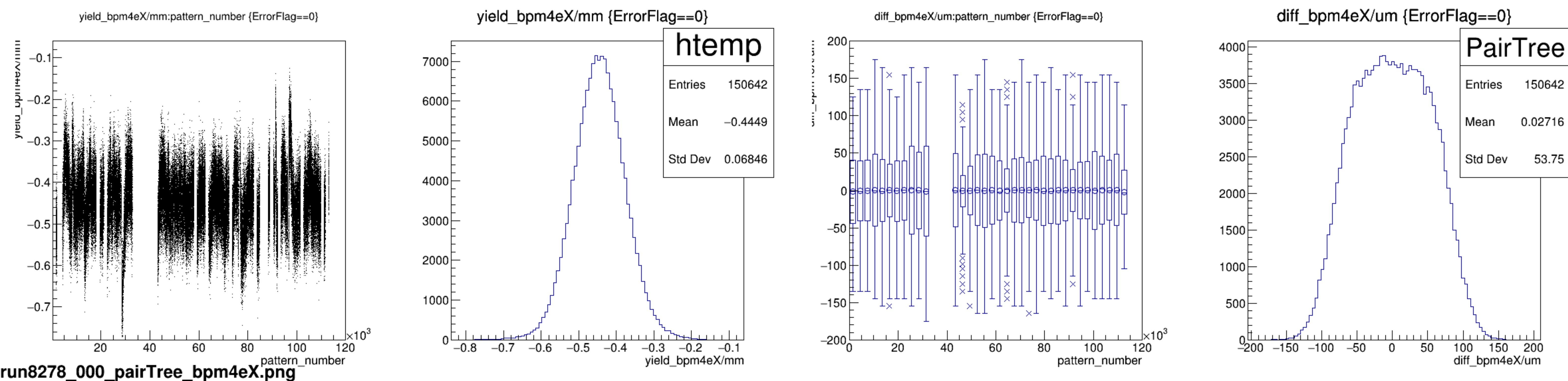
diff_bpm4aX/um:pattern_number {ErrorFlag==0}

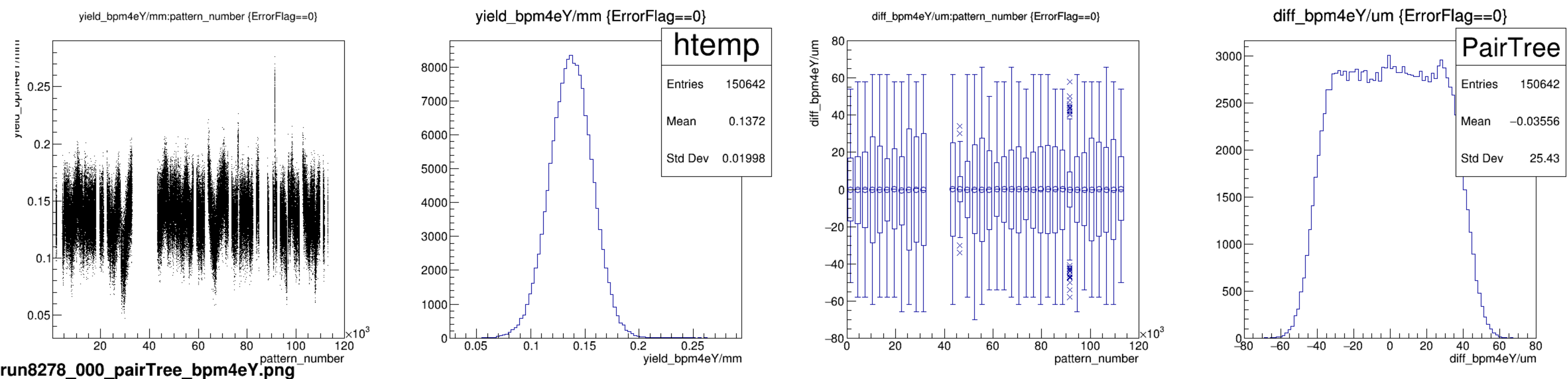


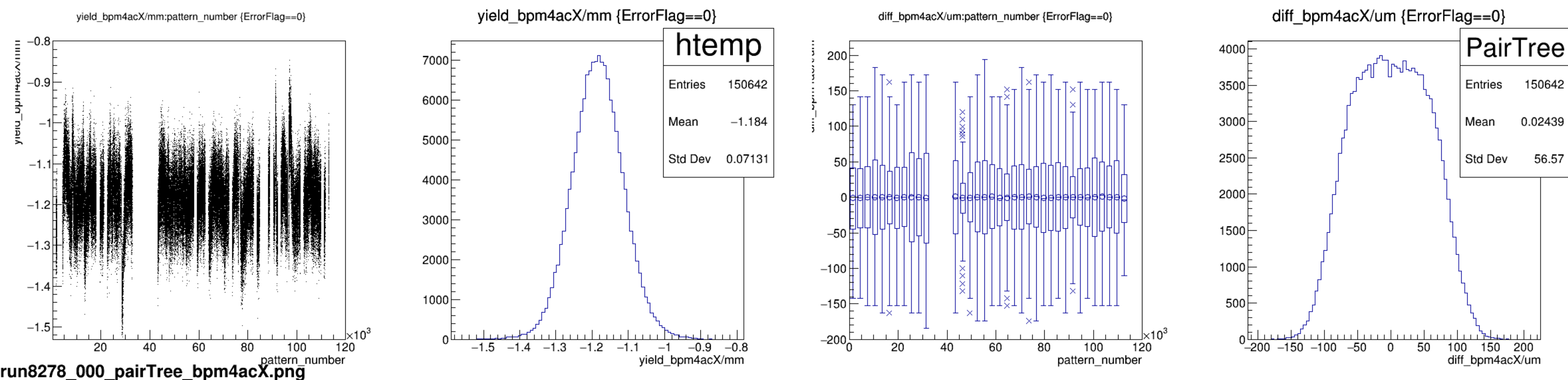
diff_bpm4aX/um {ErrorFlag==0}

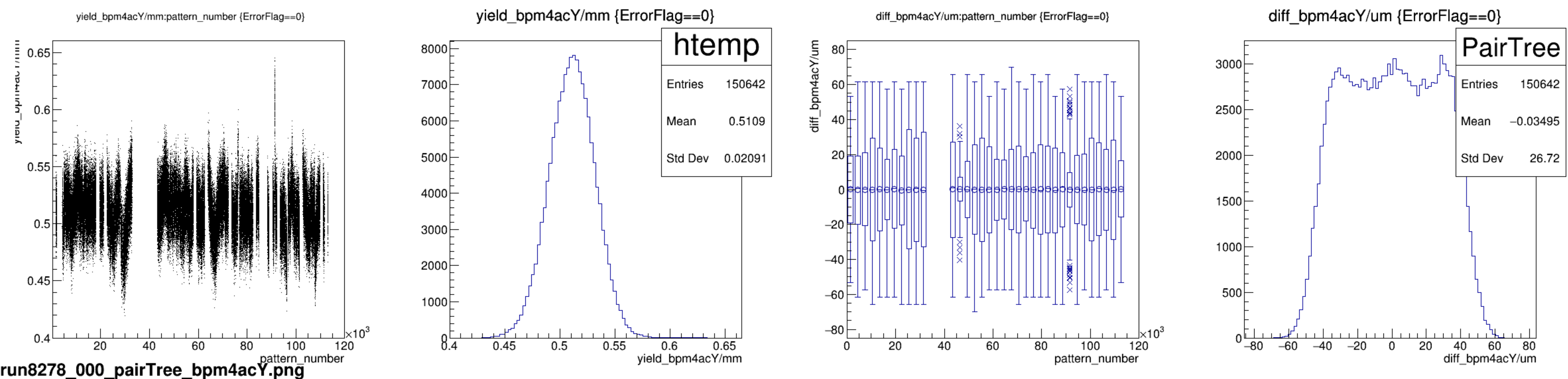


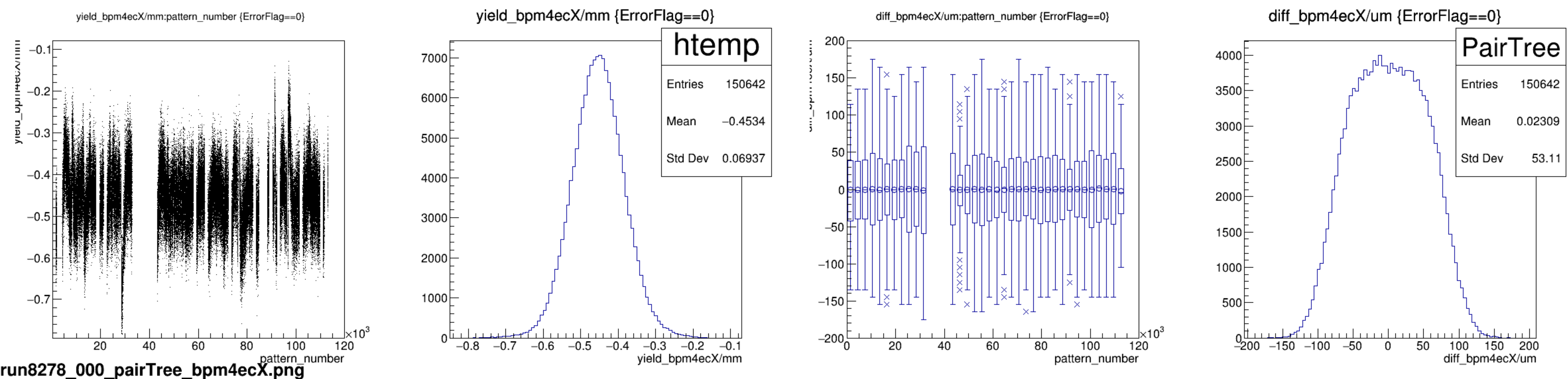




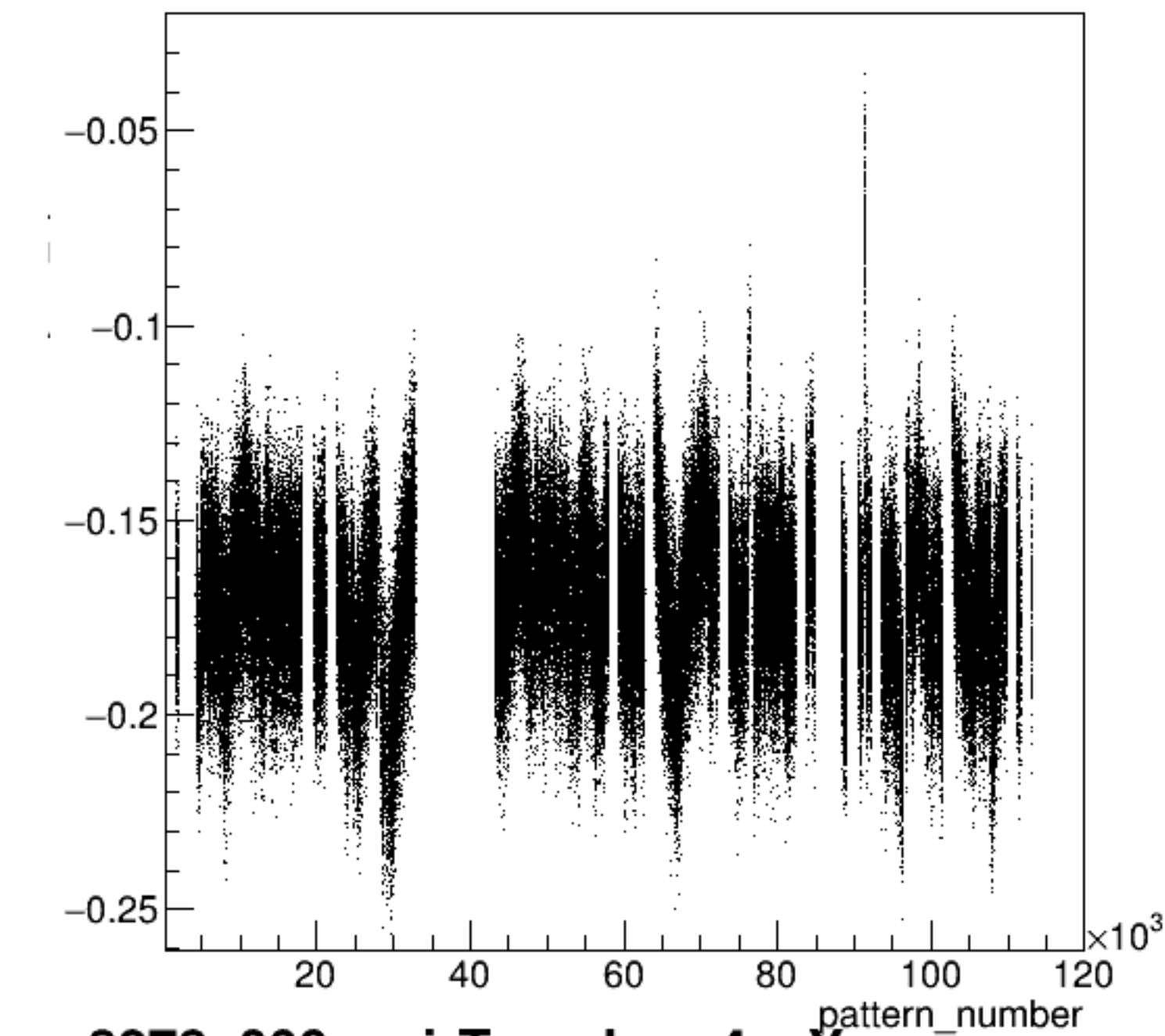






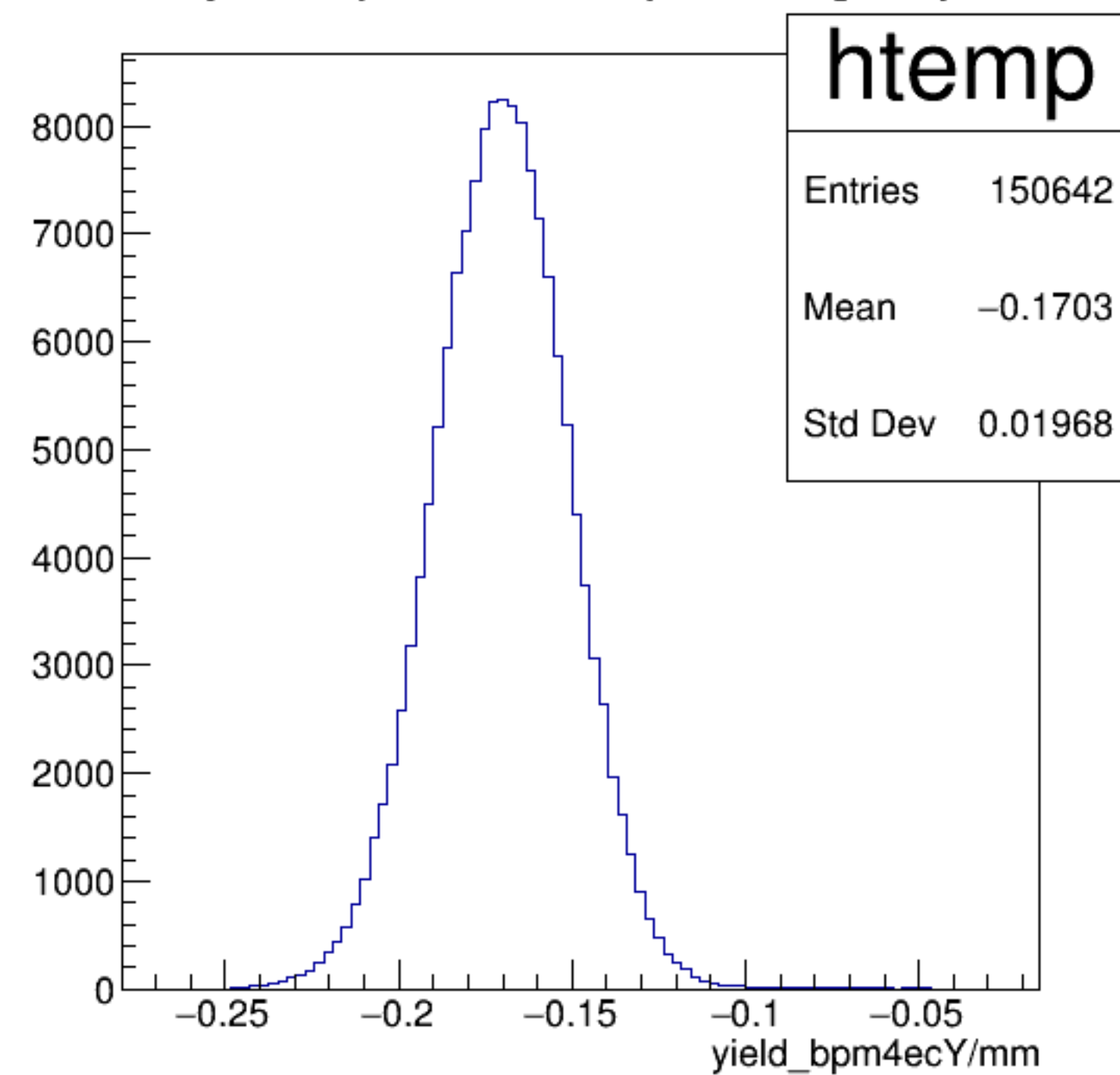


yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}

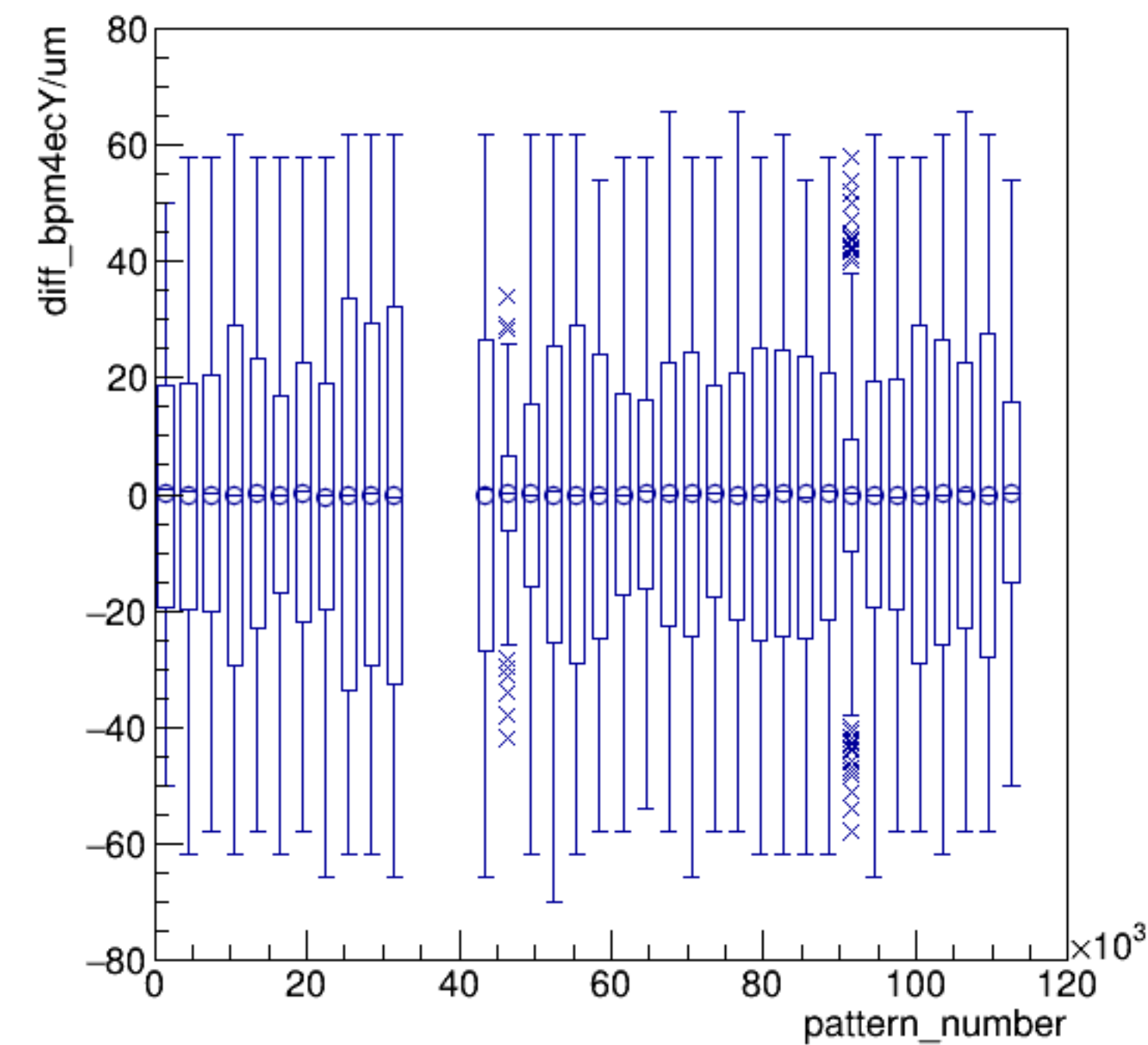


run8278_000_pairTree_bpm4ecY.png

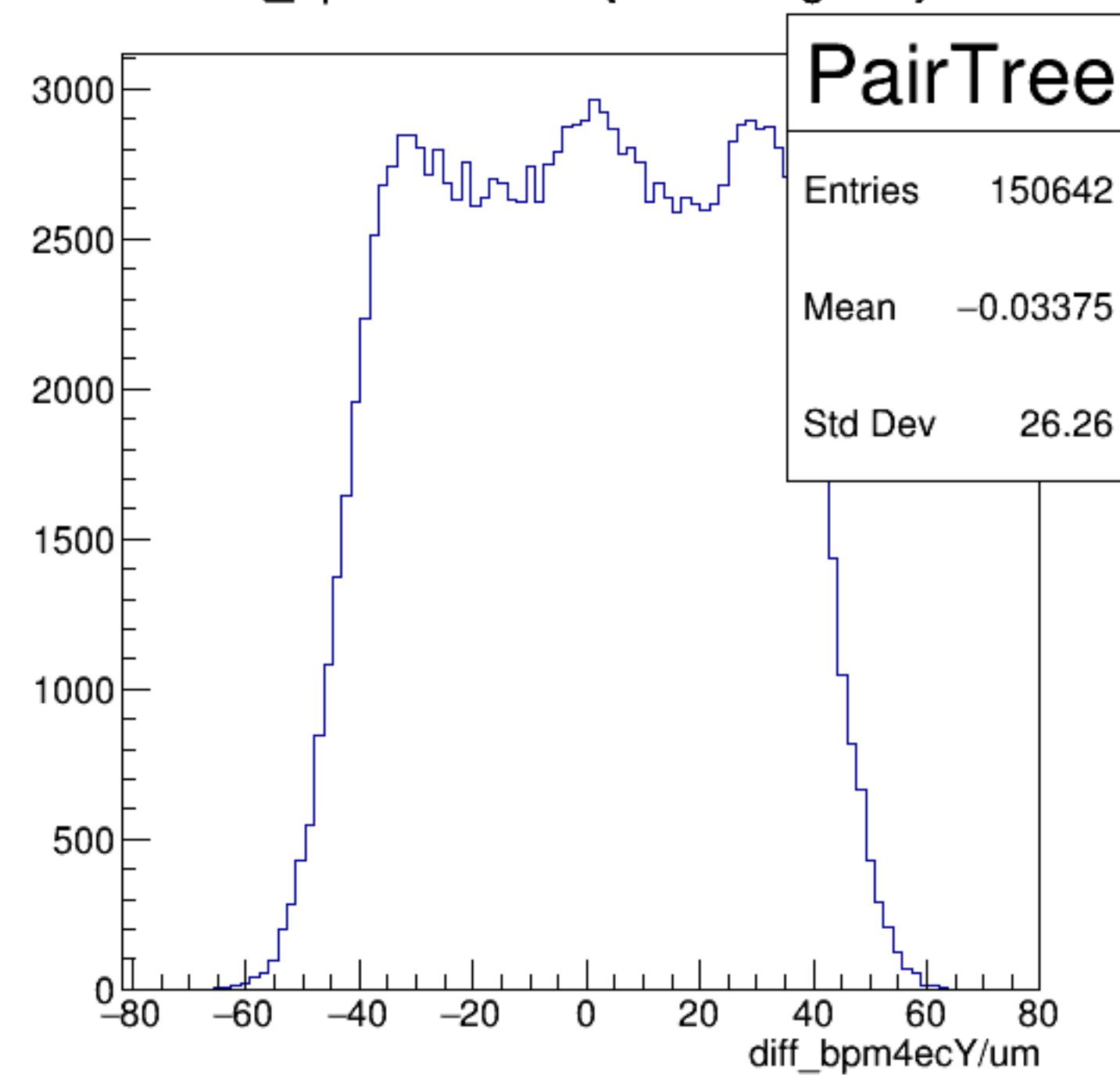
yield_bpm4ecY/mm {ErrorFlag==0}



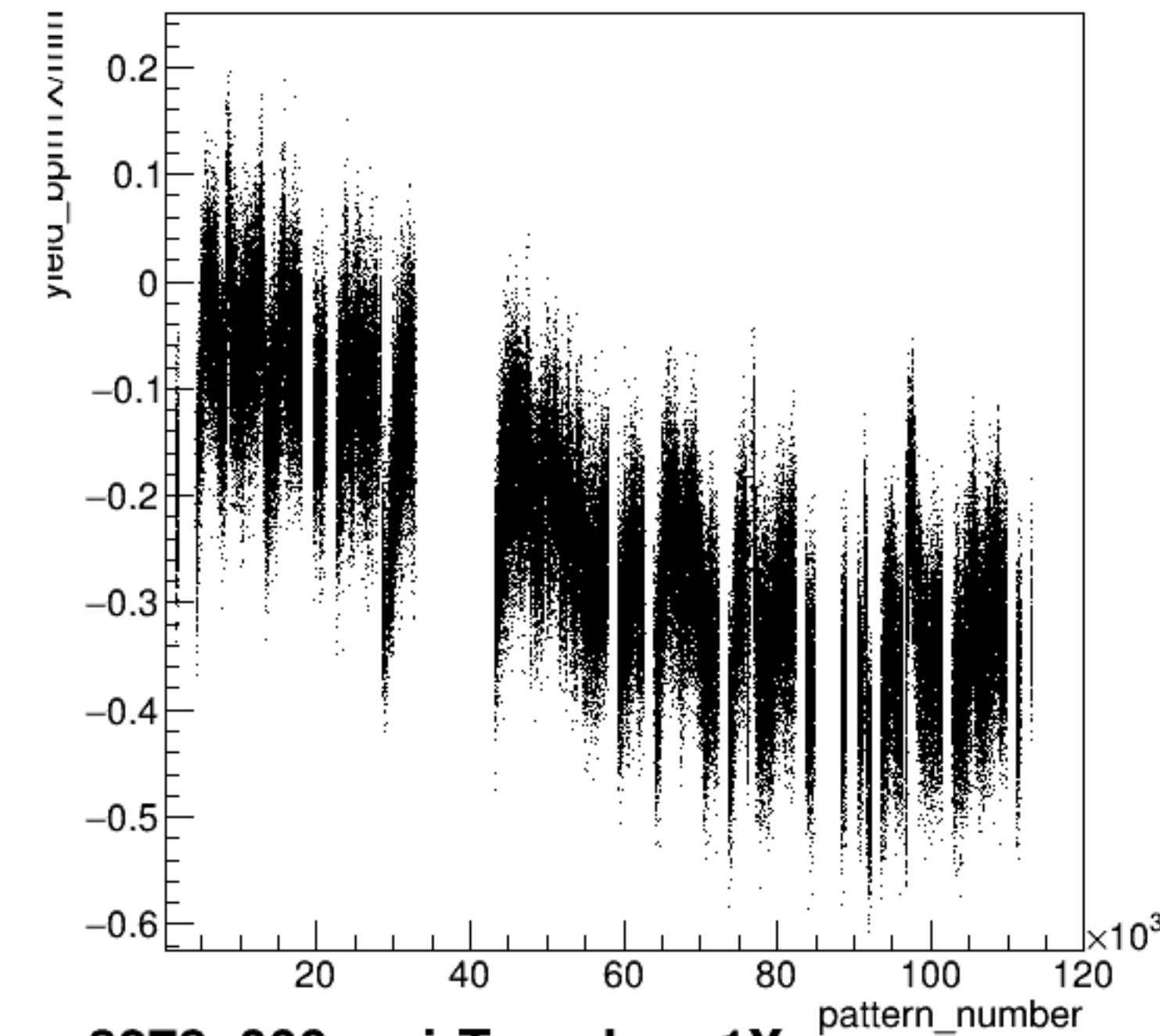
diff_bpm4ecY/um:pattern_number {ErrorFlag==0}



diff_bpm4ecY/um {ErrorFlag==0}

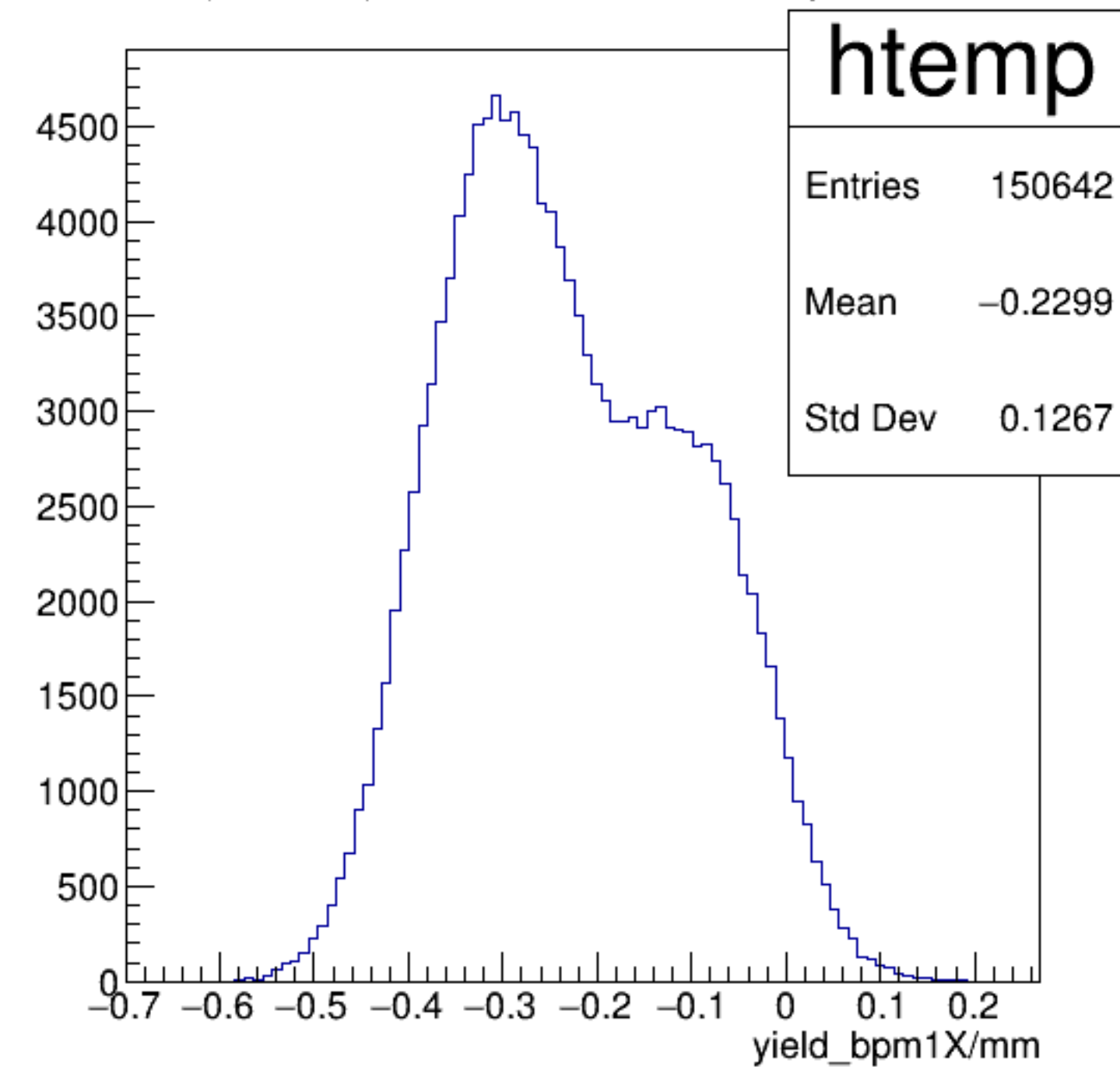


yield_bpm1X/mm:pattern_number {ErrorFlag==0}

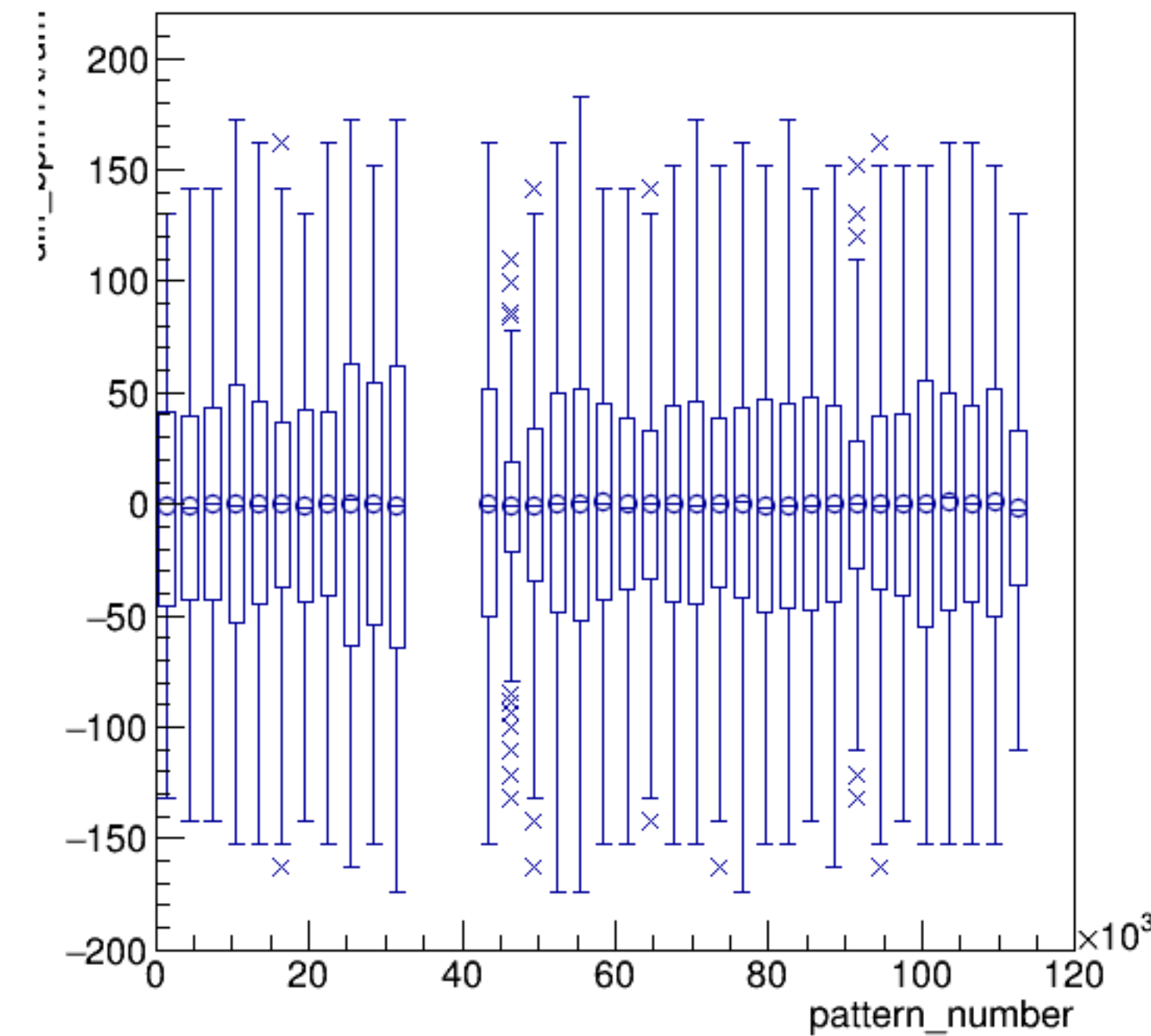


run8278_000_pairTree_bpm1X.png

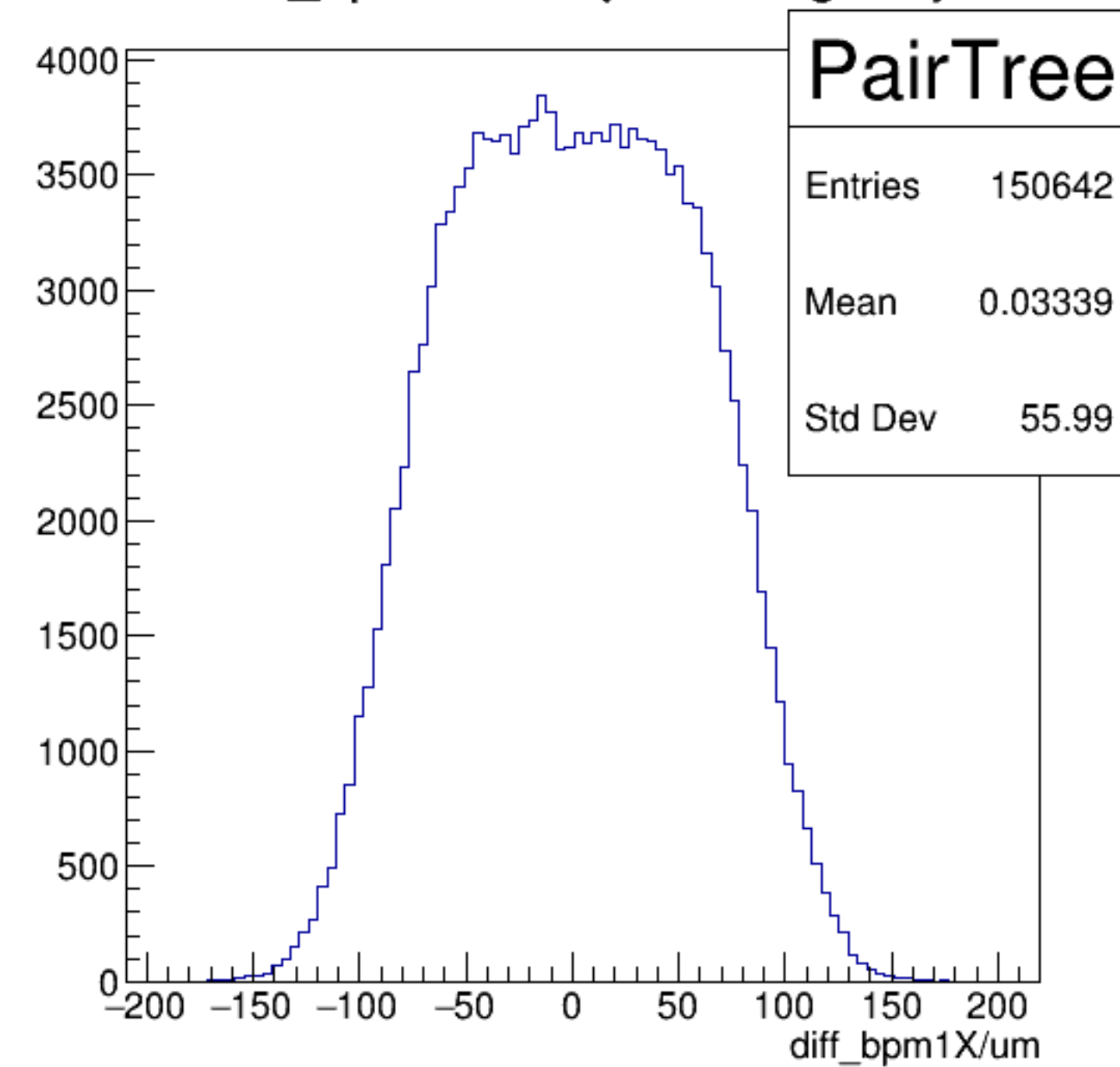
yield_bpm1X/mm {ErrorFlag==0}



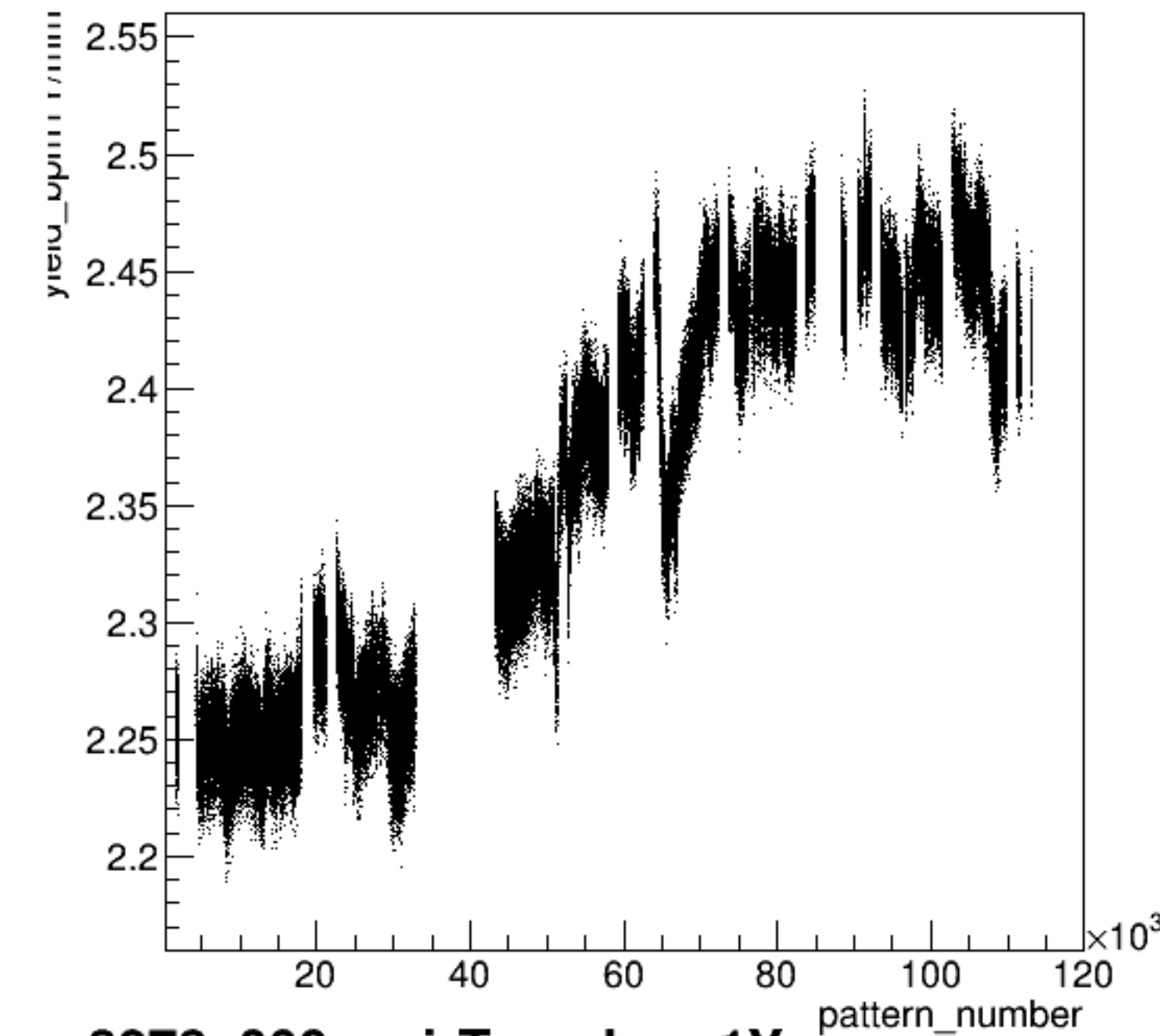
diff_bpm1X/um:pattern_number {ErrorFlag==0}



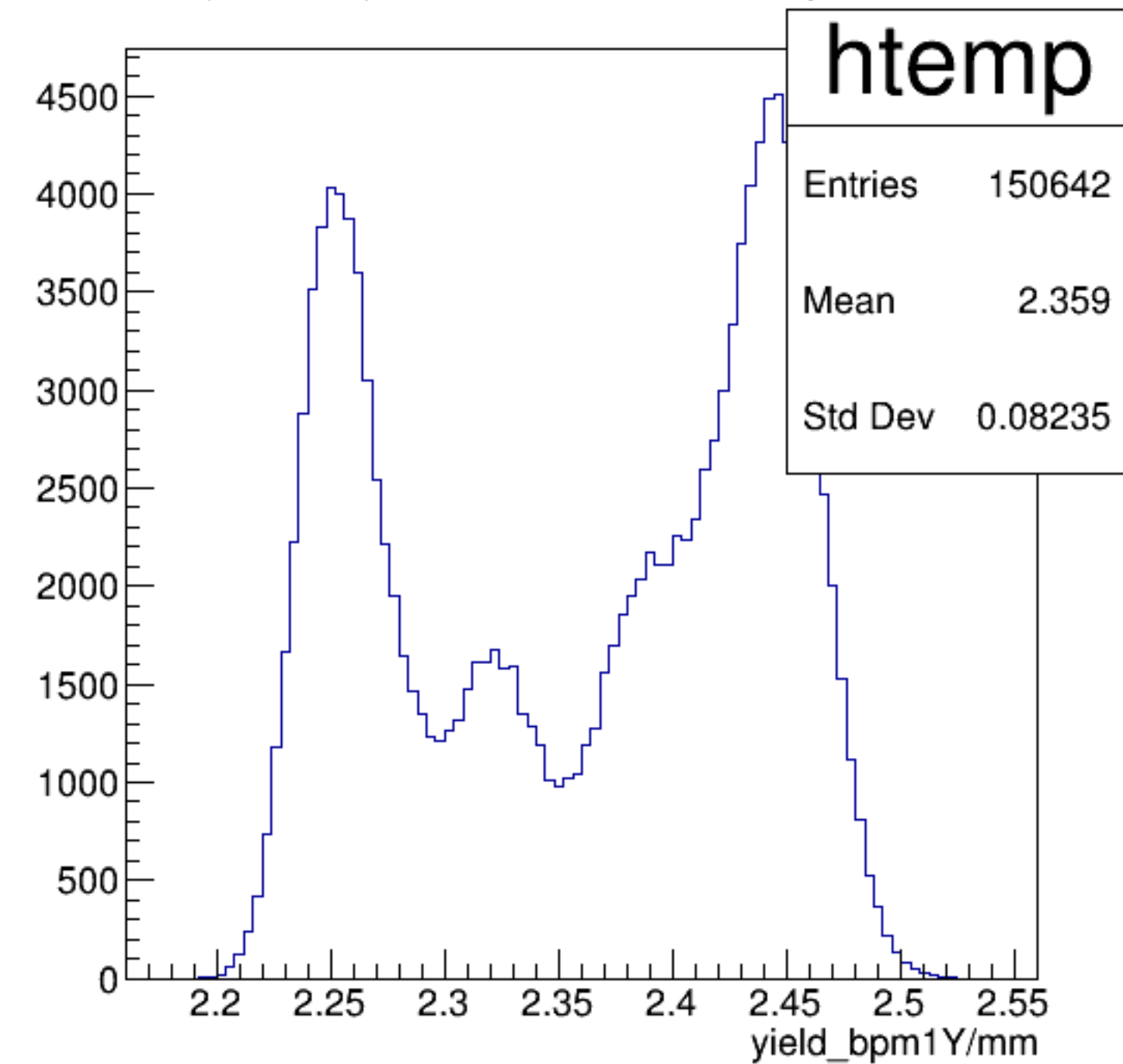
diff_bpm1X/um {ErrorFlag==0}



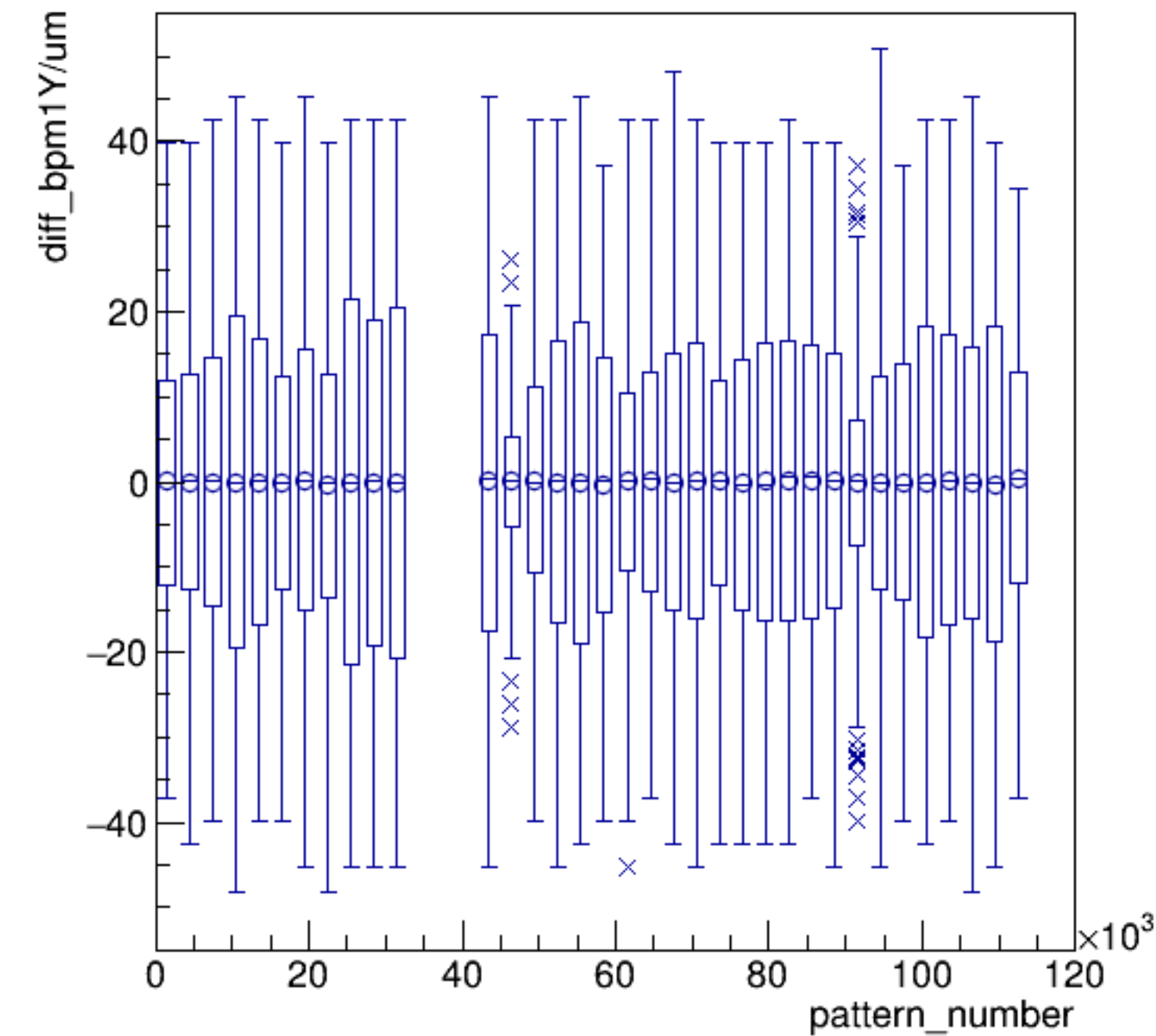
yield_bpm1Y/mm:pattern_number {ErrorFlag==0}



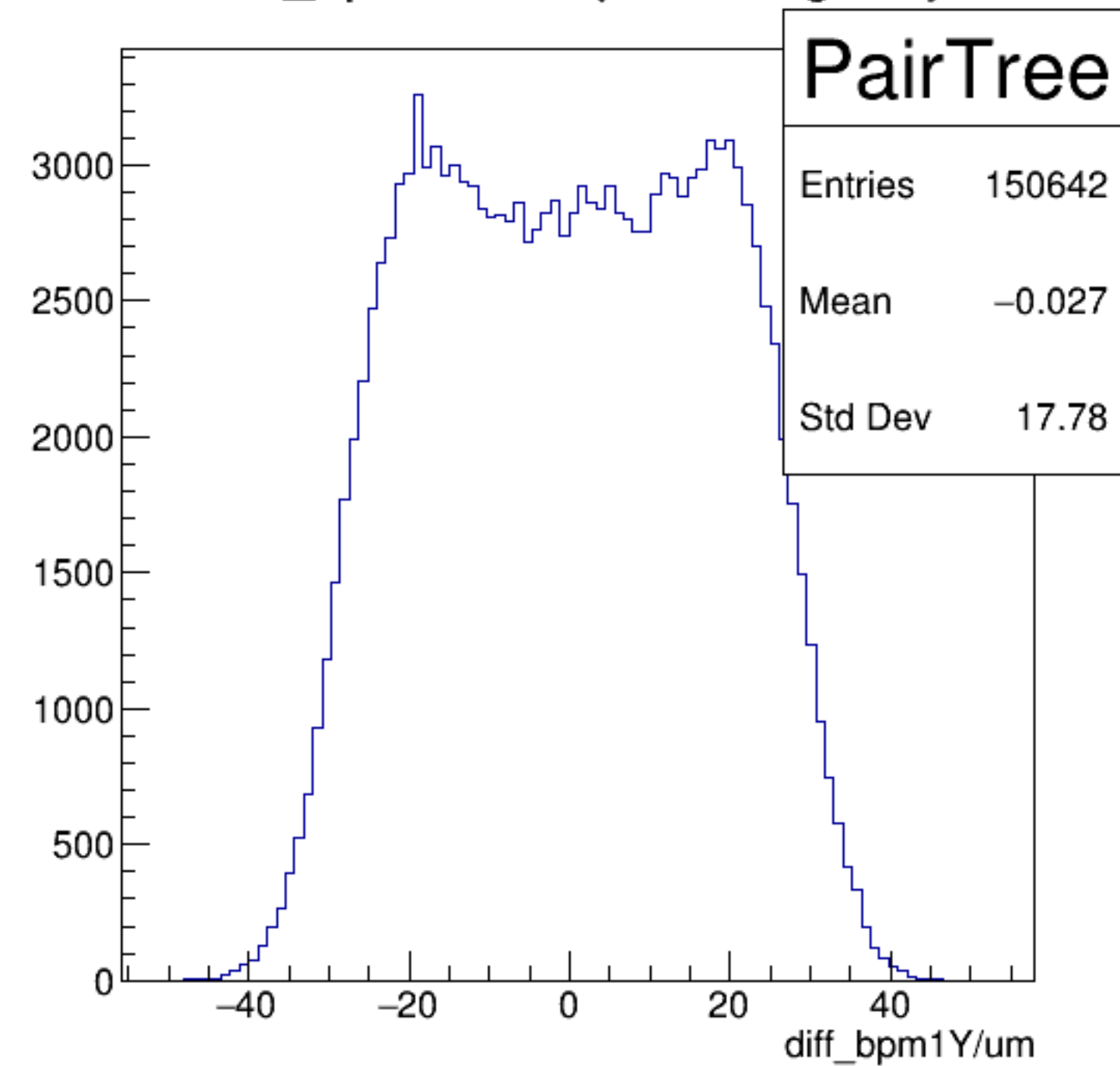
yield_bpm1Y/mm {ErrorFlag==0}

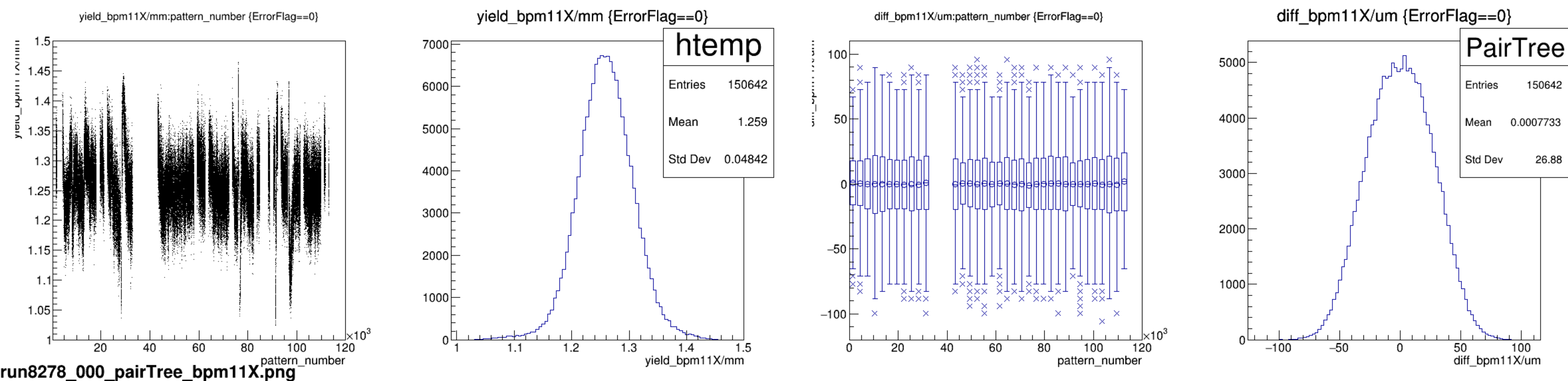


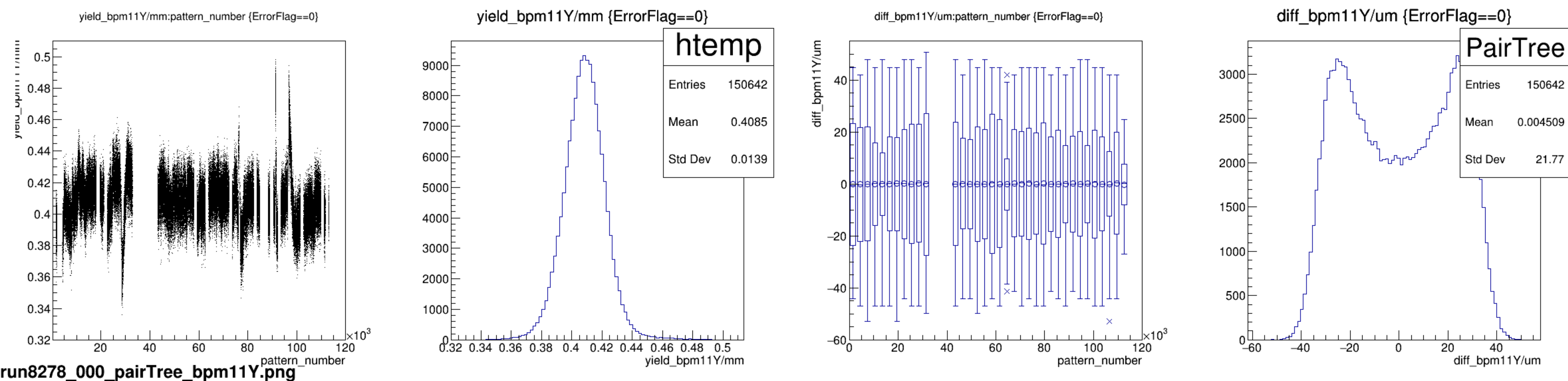
diff_bpm1Y/um:pattern_number {ErrorFlag==0}

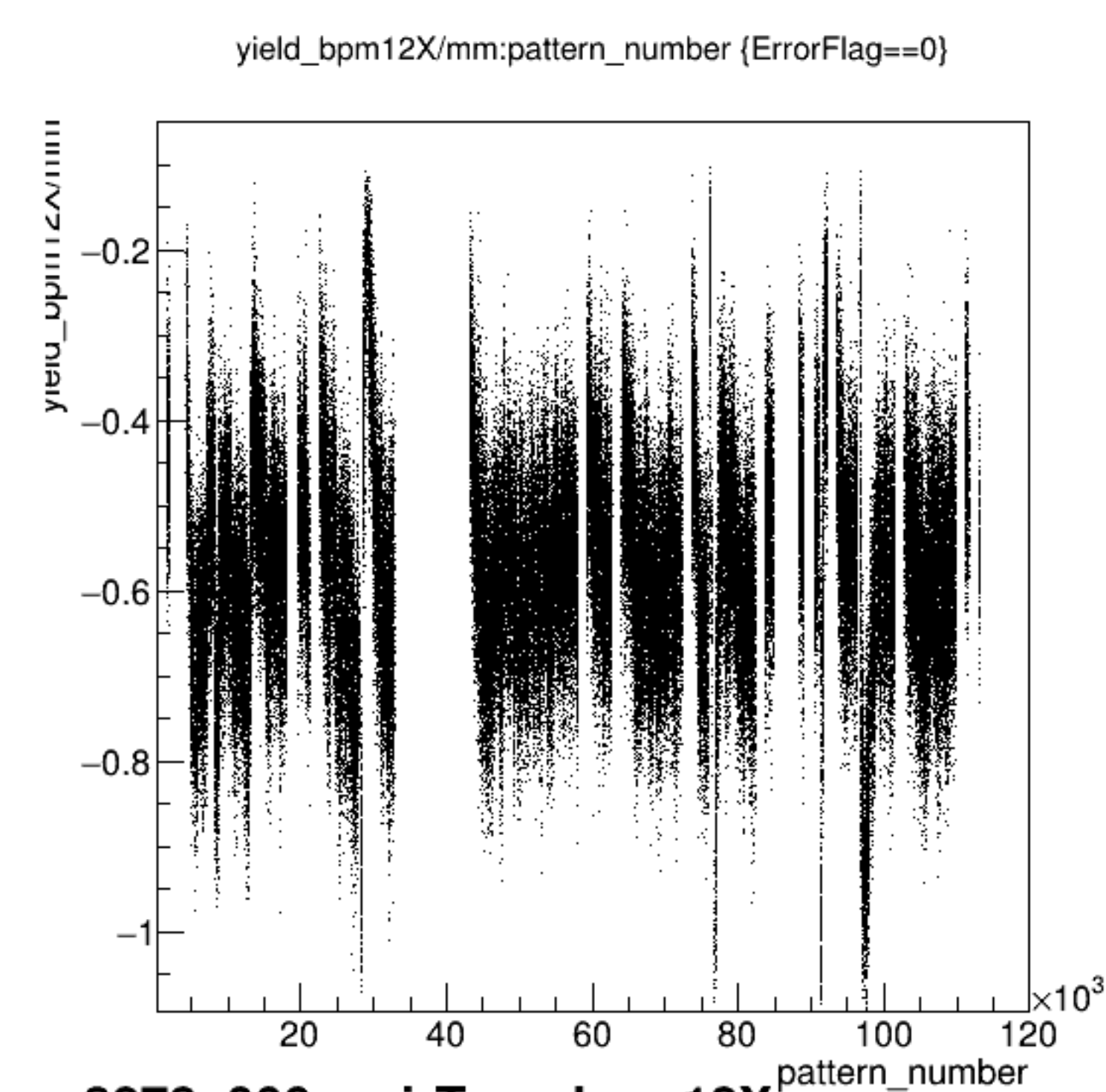


diff_bpm1Y/um {ErrorFlag==0}

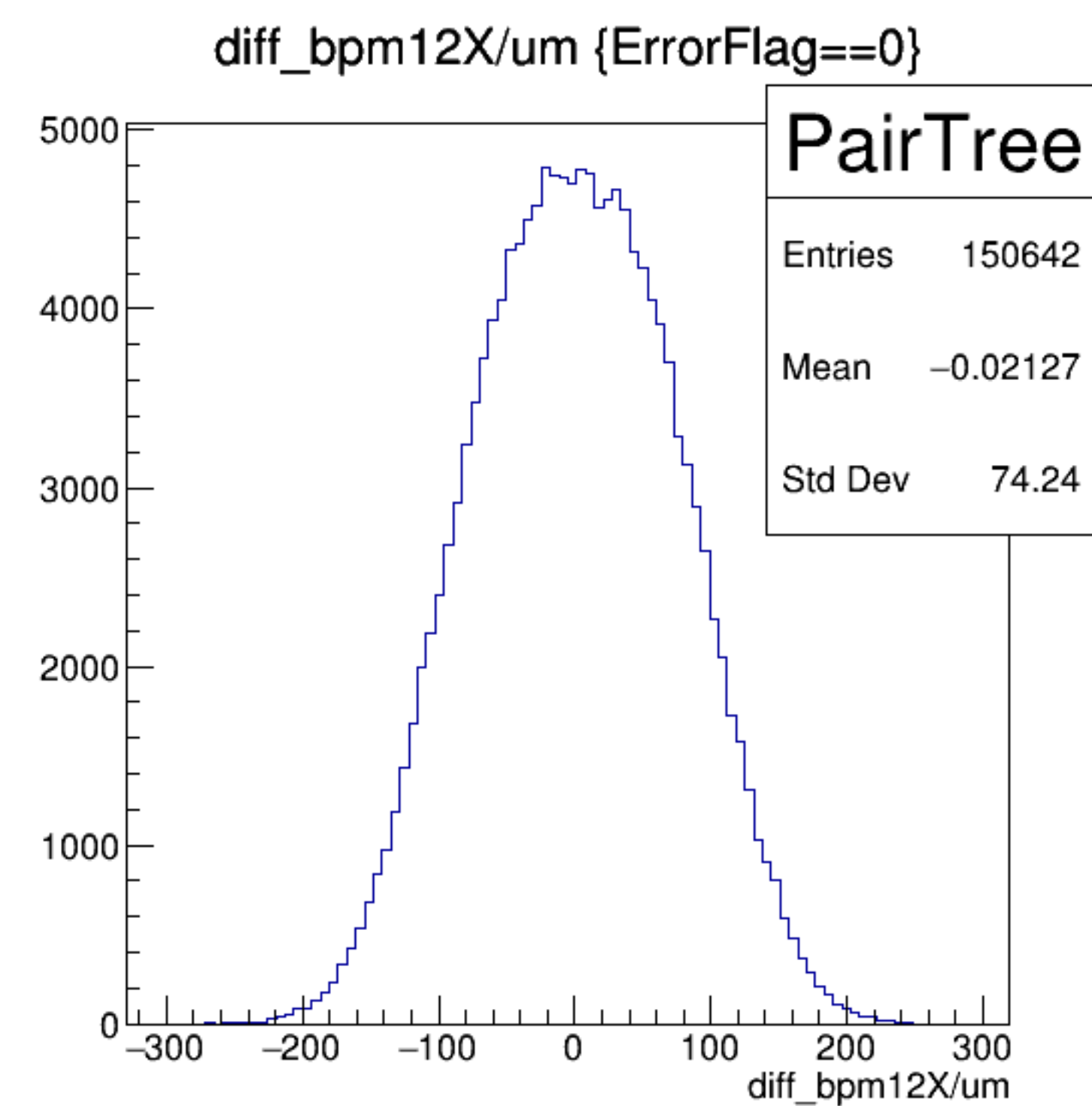
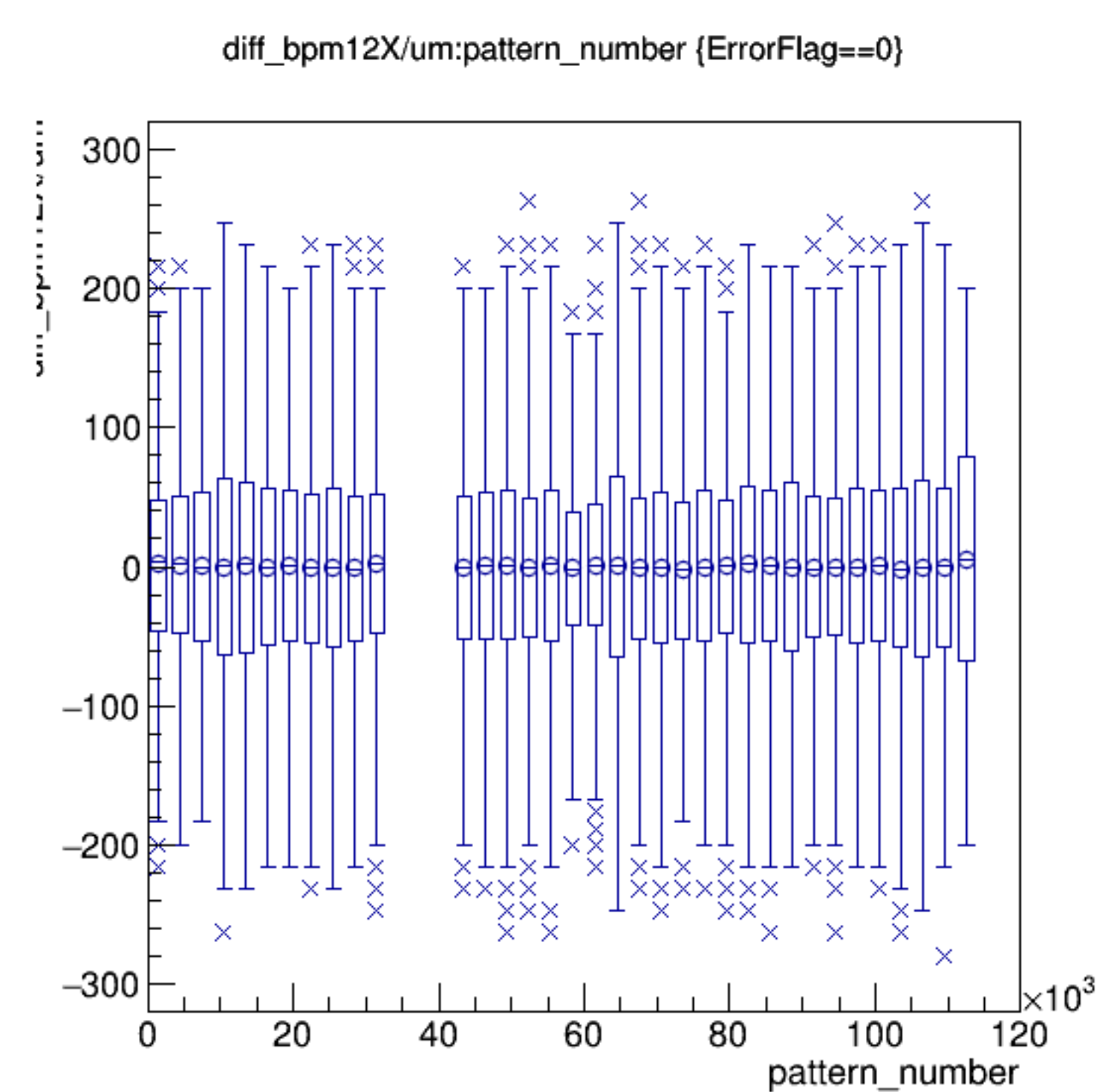
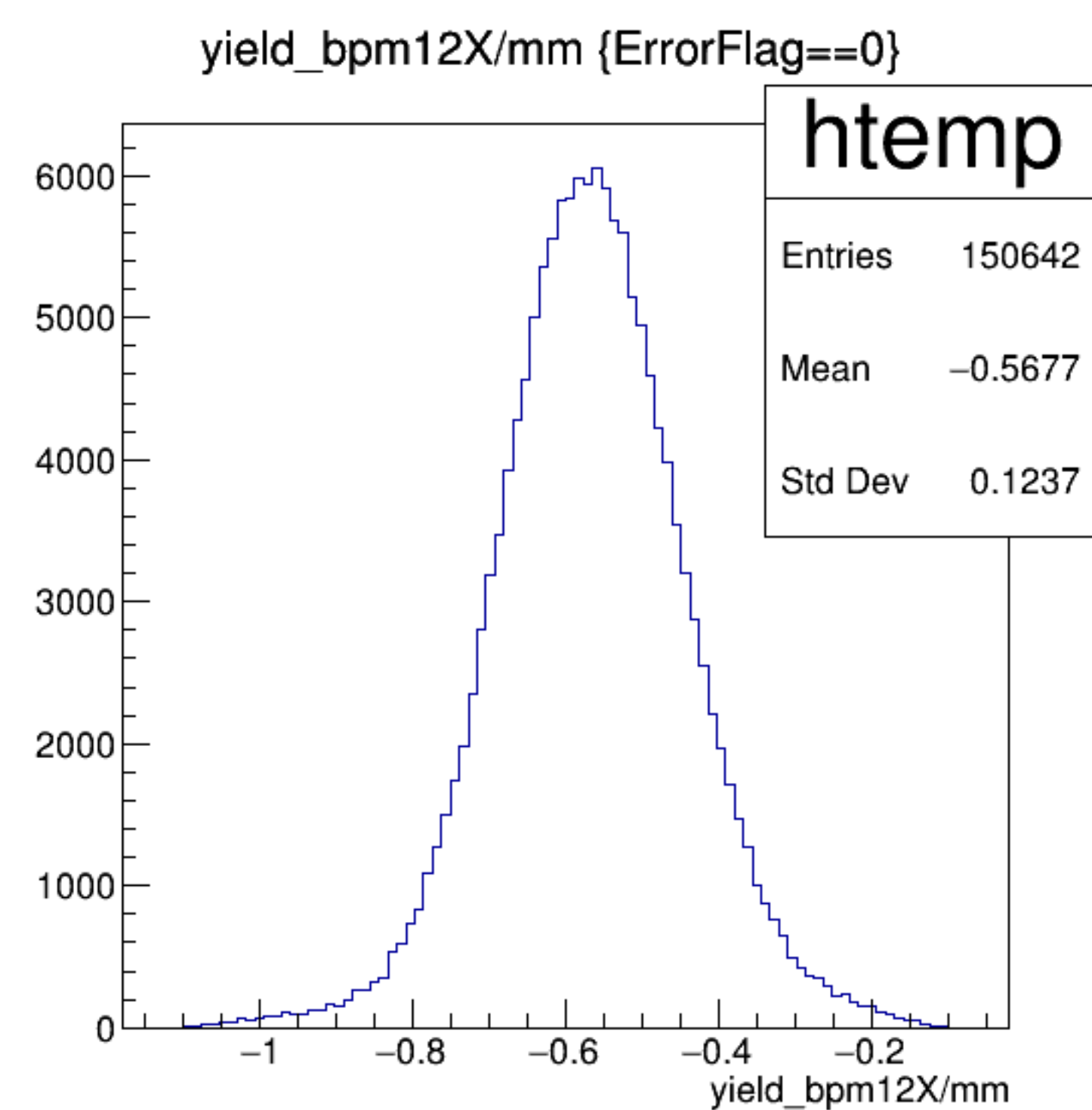


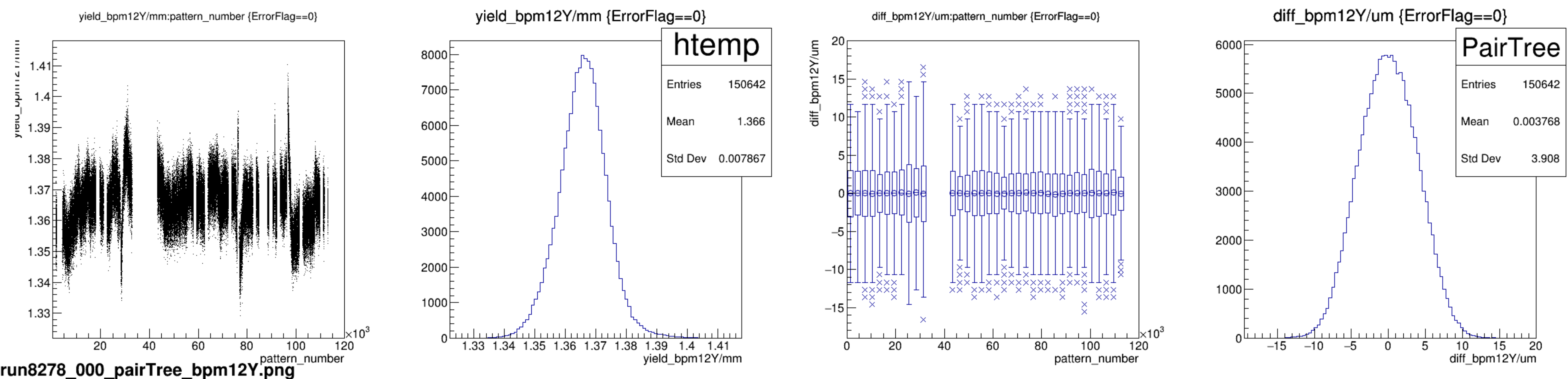


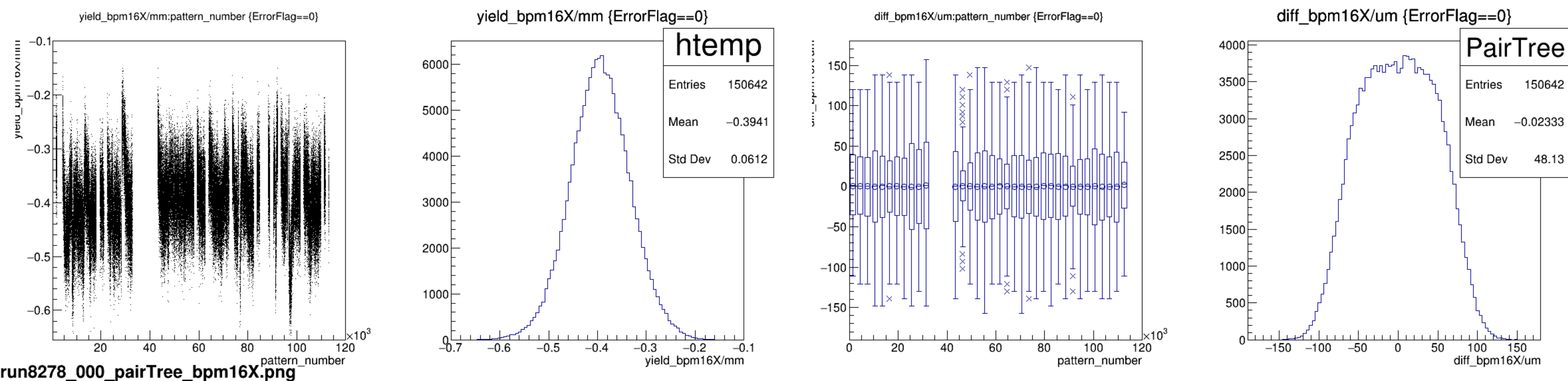




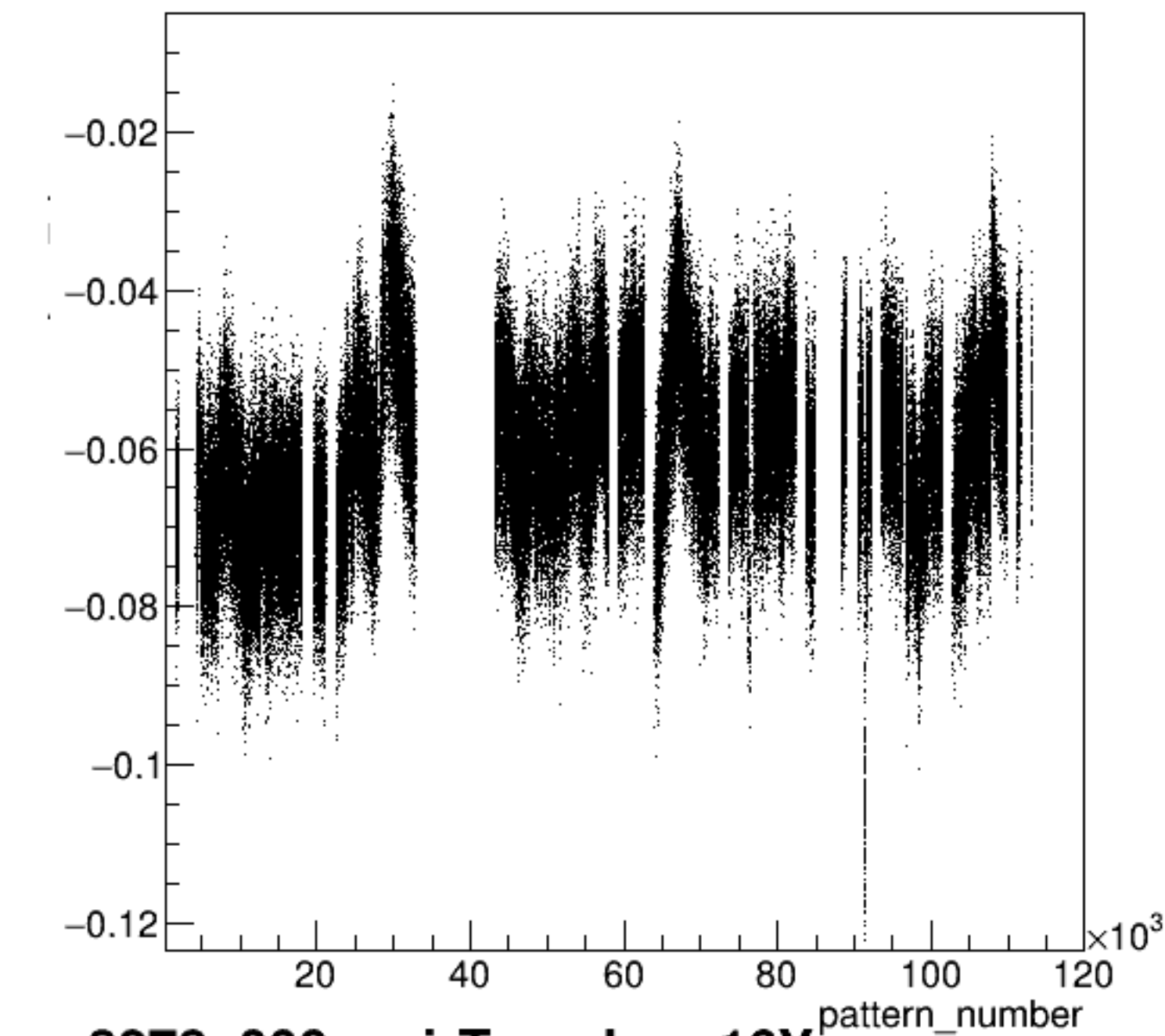
run8278_000_pairTree_bpm12X.png





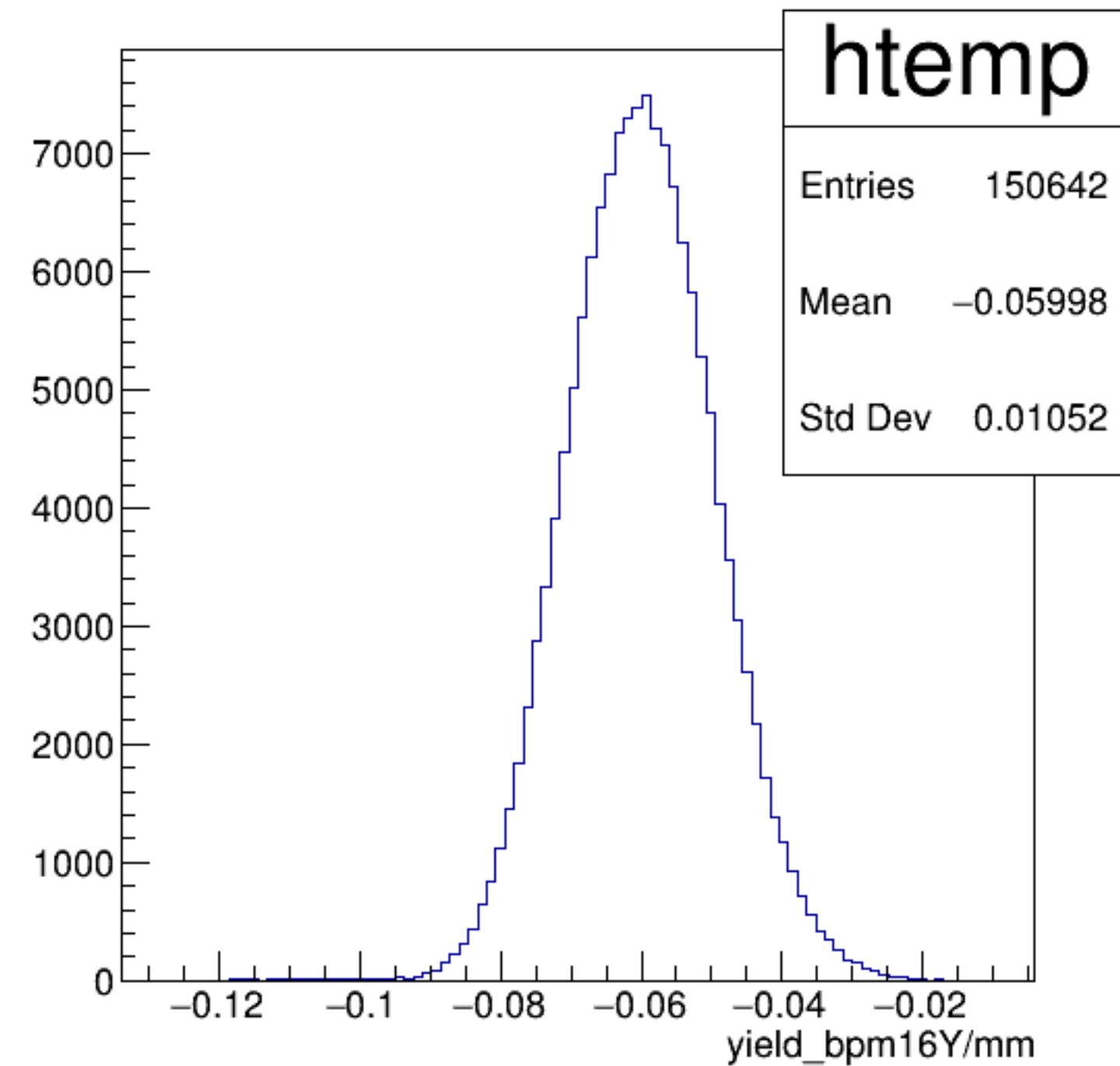


yield_bpm16Y/mm:pattern_number {ErrorFlag==0}

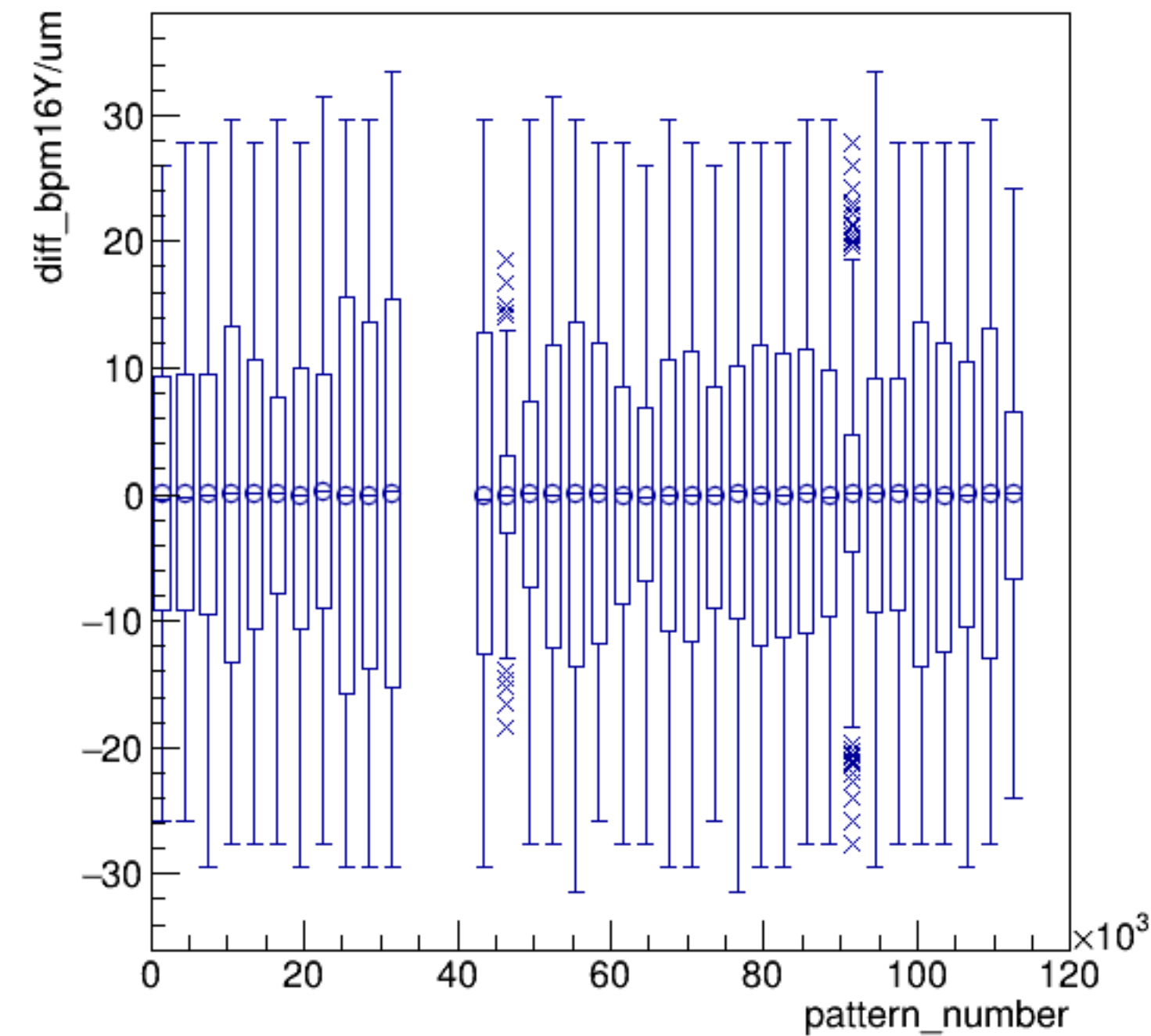


run8278_000_pairTree_bpm16Y.png

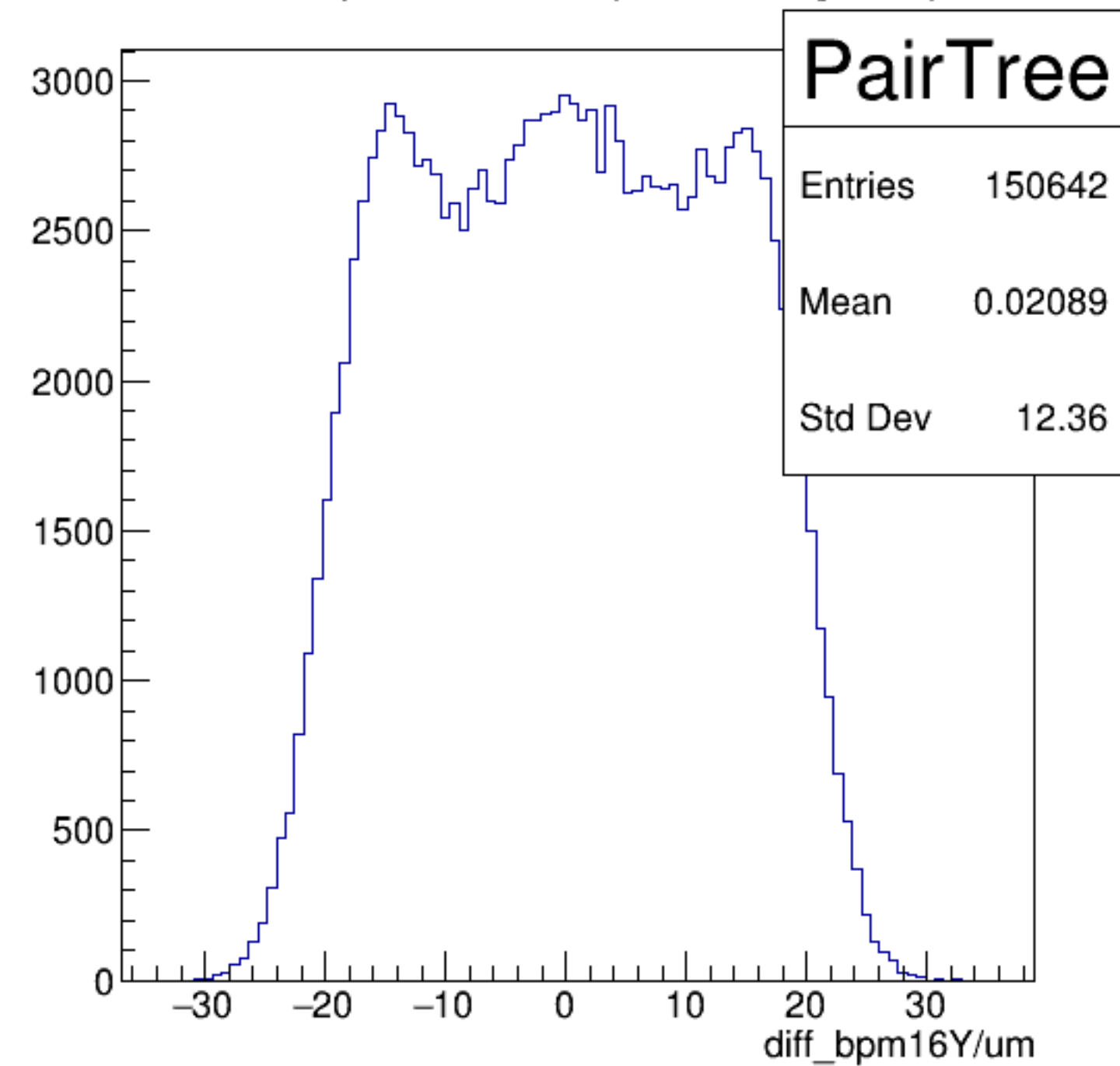
yield_bpm16Y/mm {ErrorFlag==0}



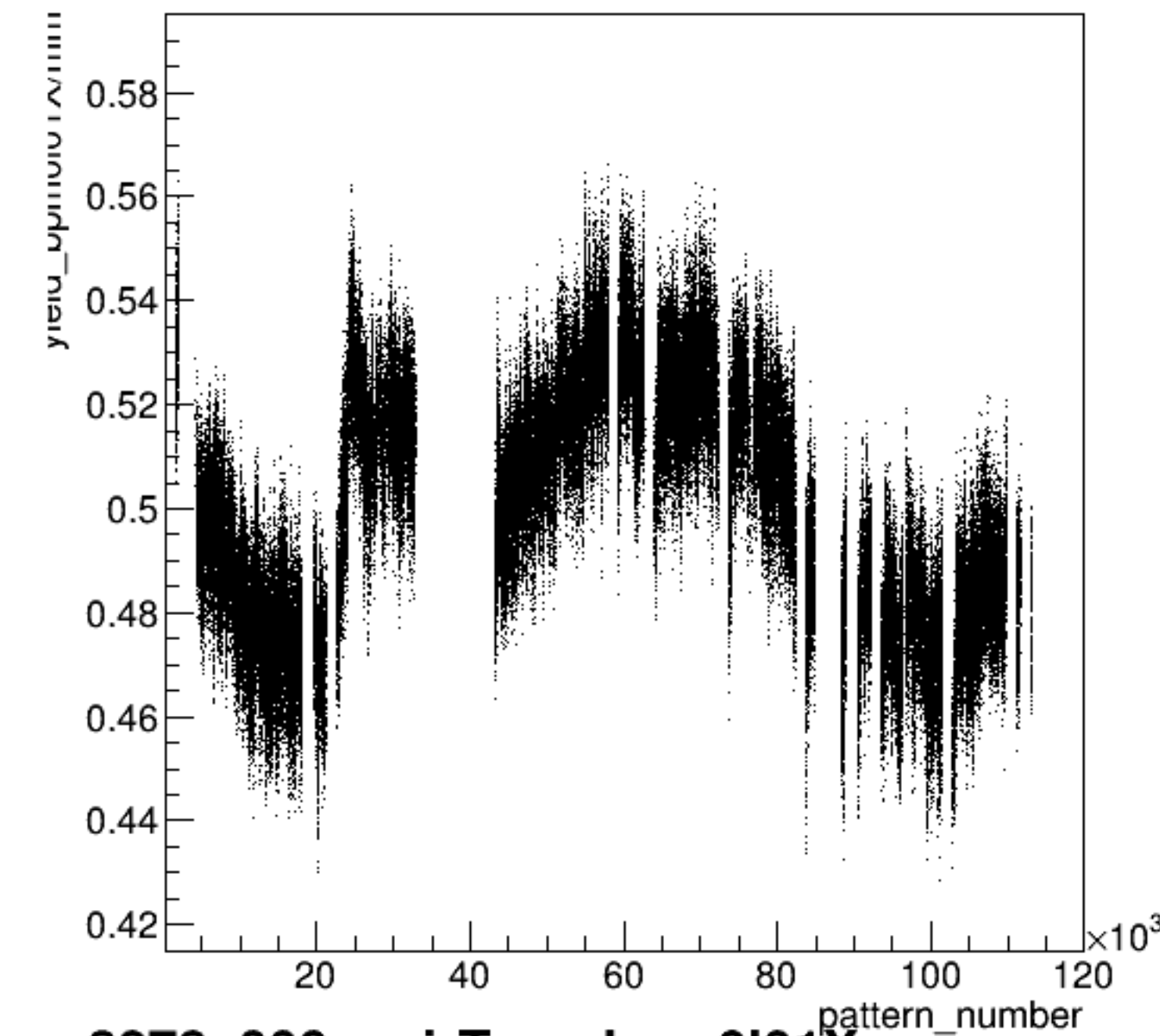
diff_bpm16Y/um:pattern_number {ErrorFlag==0}



diff_bpm16Y/um {ErrorFlag==0}

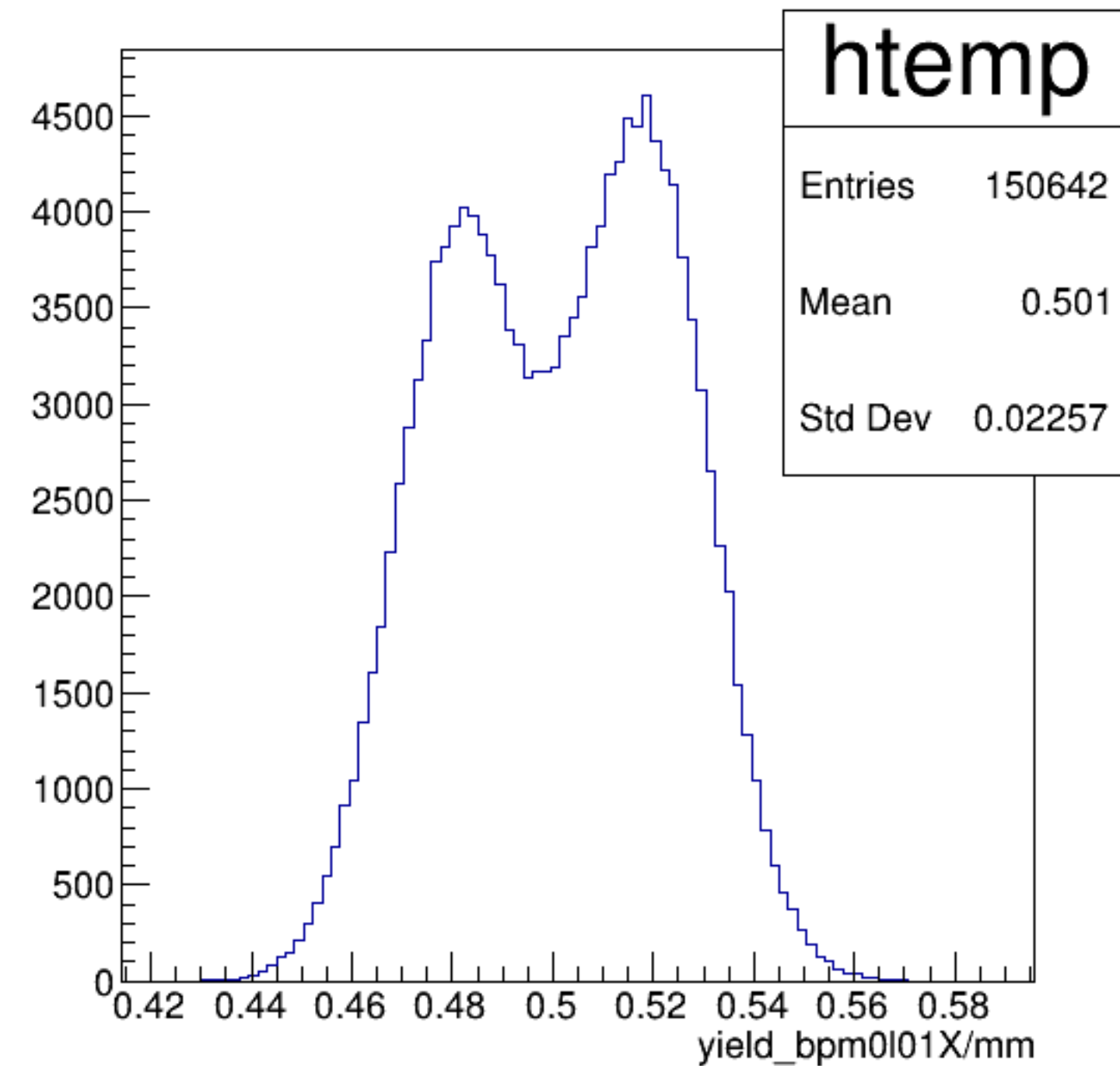


yield_bpm0l01X/mm:pattern_number {ErrorFlag==0}

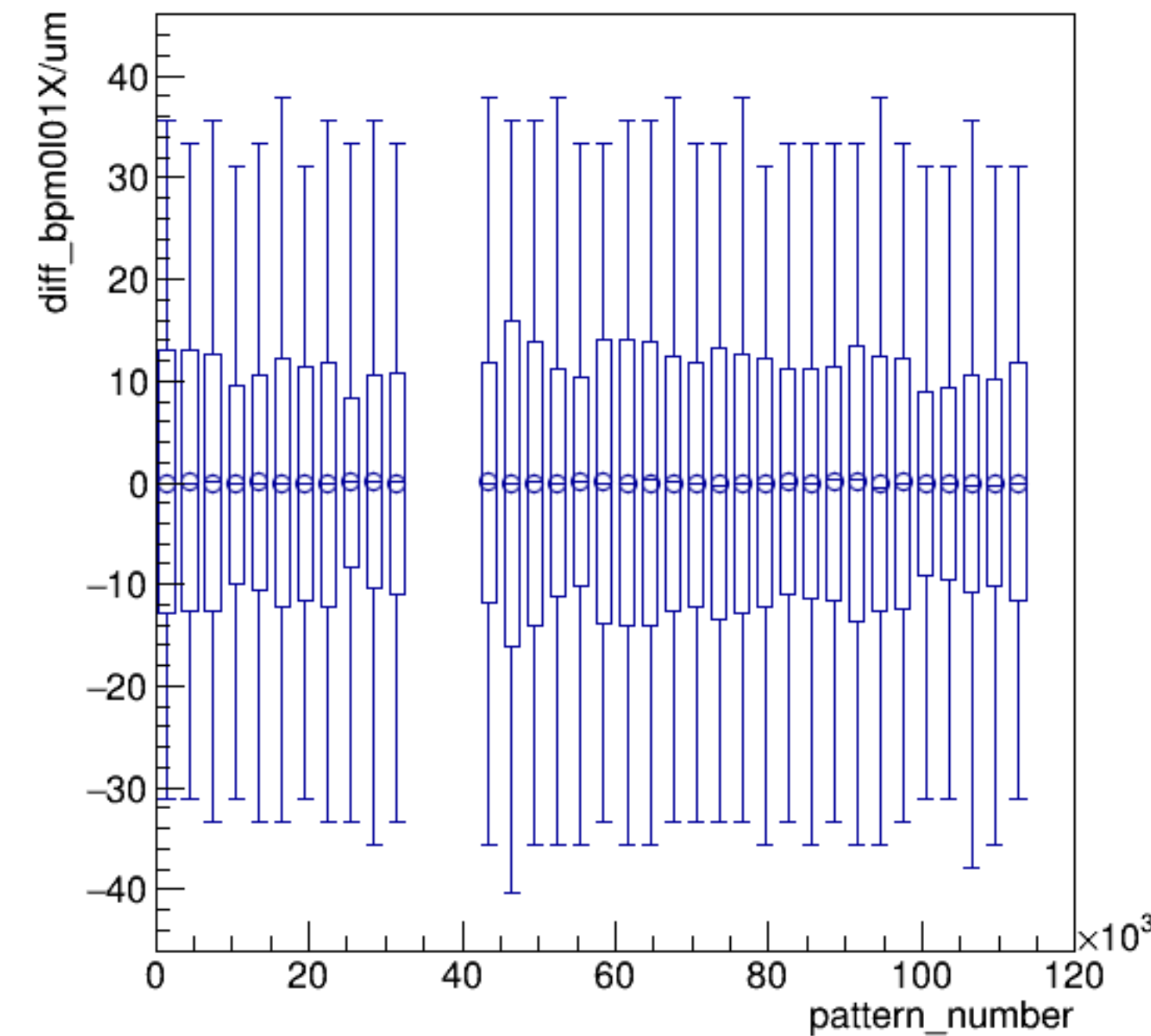


run8278_000_pairTree_bpm0l01X.png

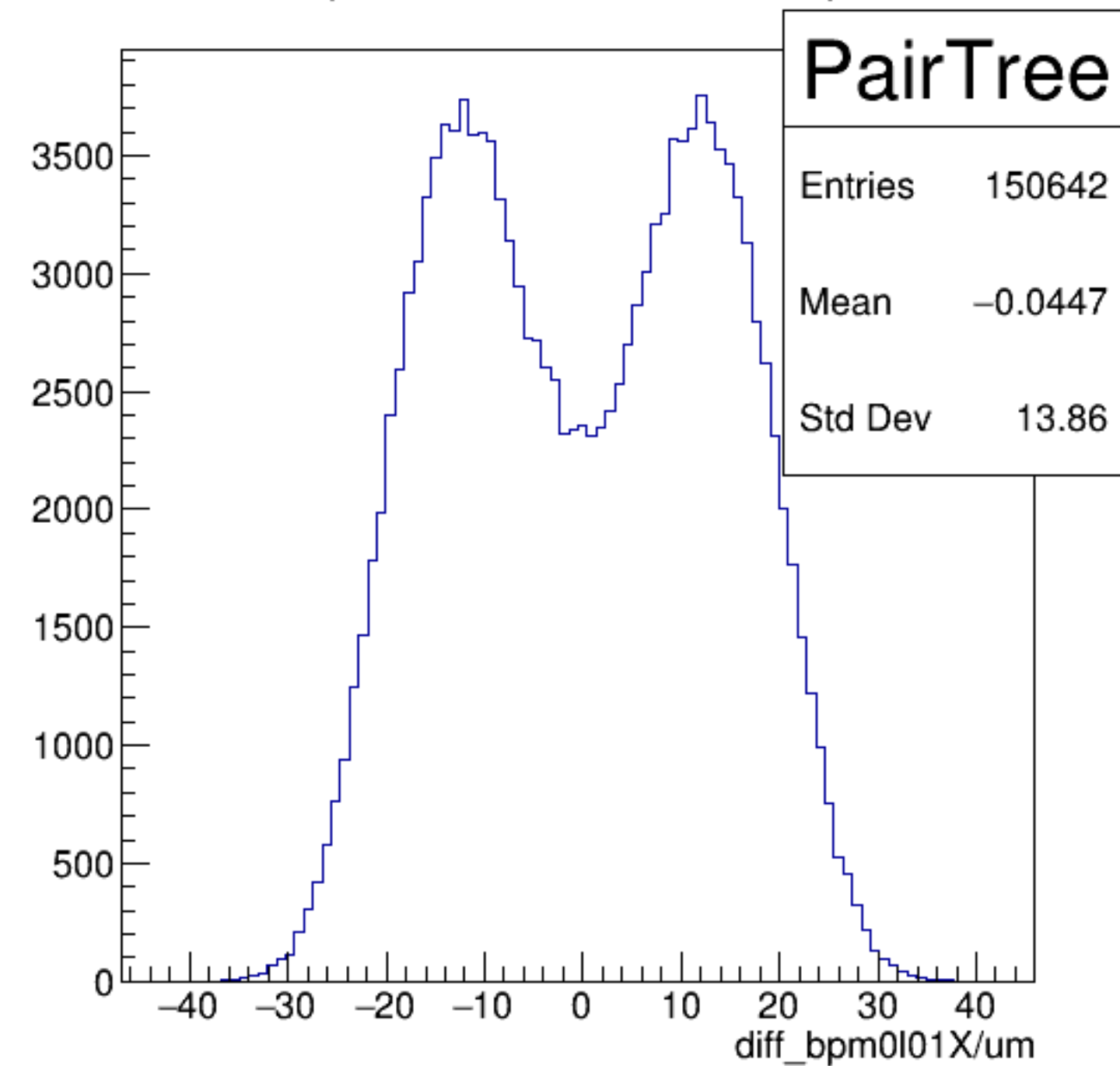
yield_bpm0l01X/mm {ErrorFlag==0}



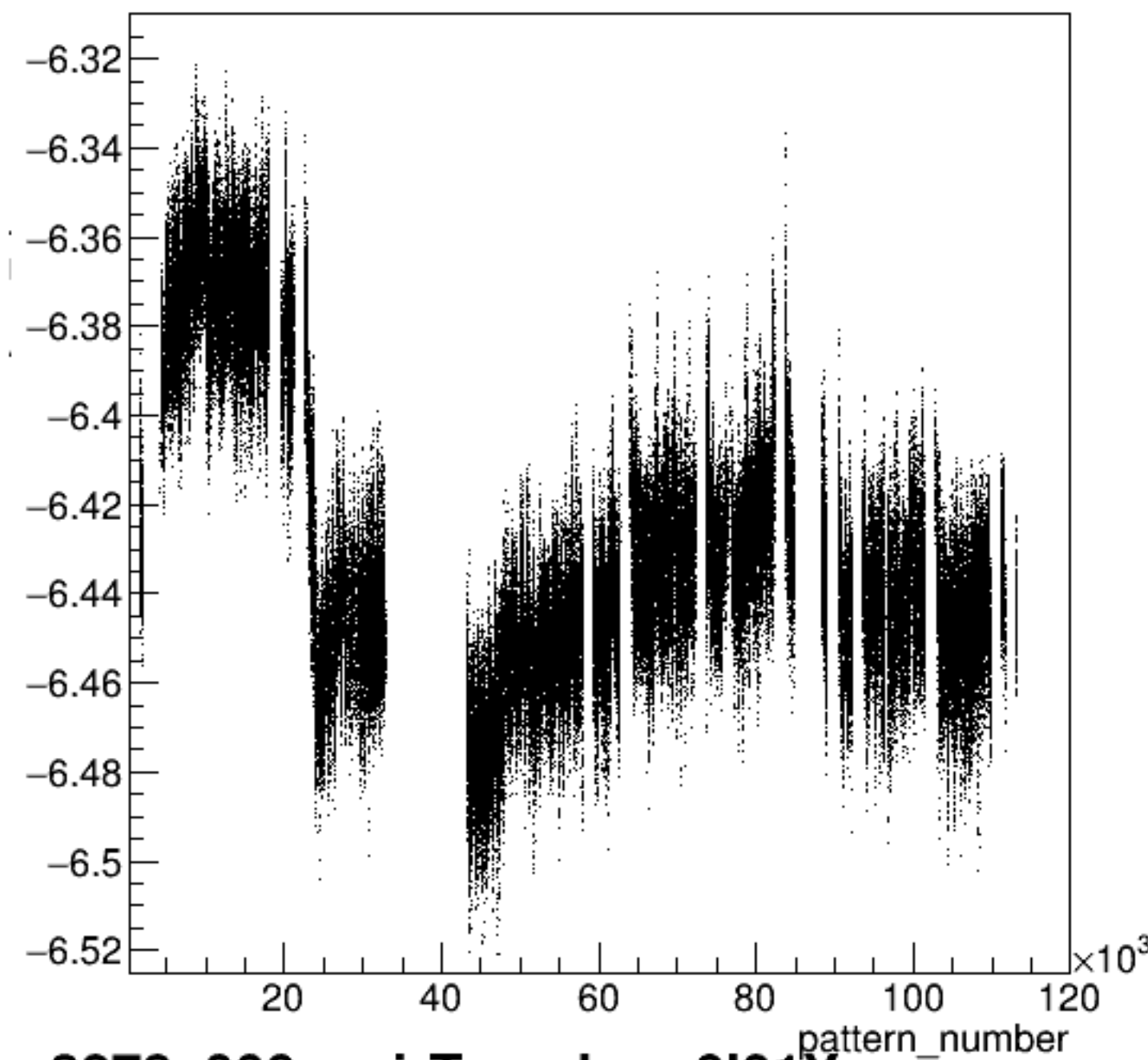
diff_bpm0l01X/um:pattern_number {ErrorFlag==0}



diff_bpm0l01X/um {ErrorFlag==0}

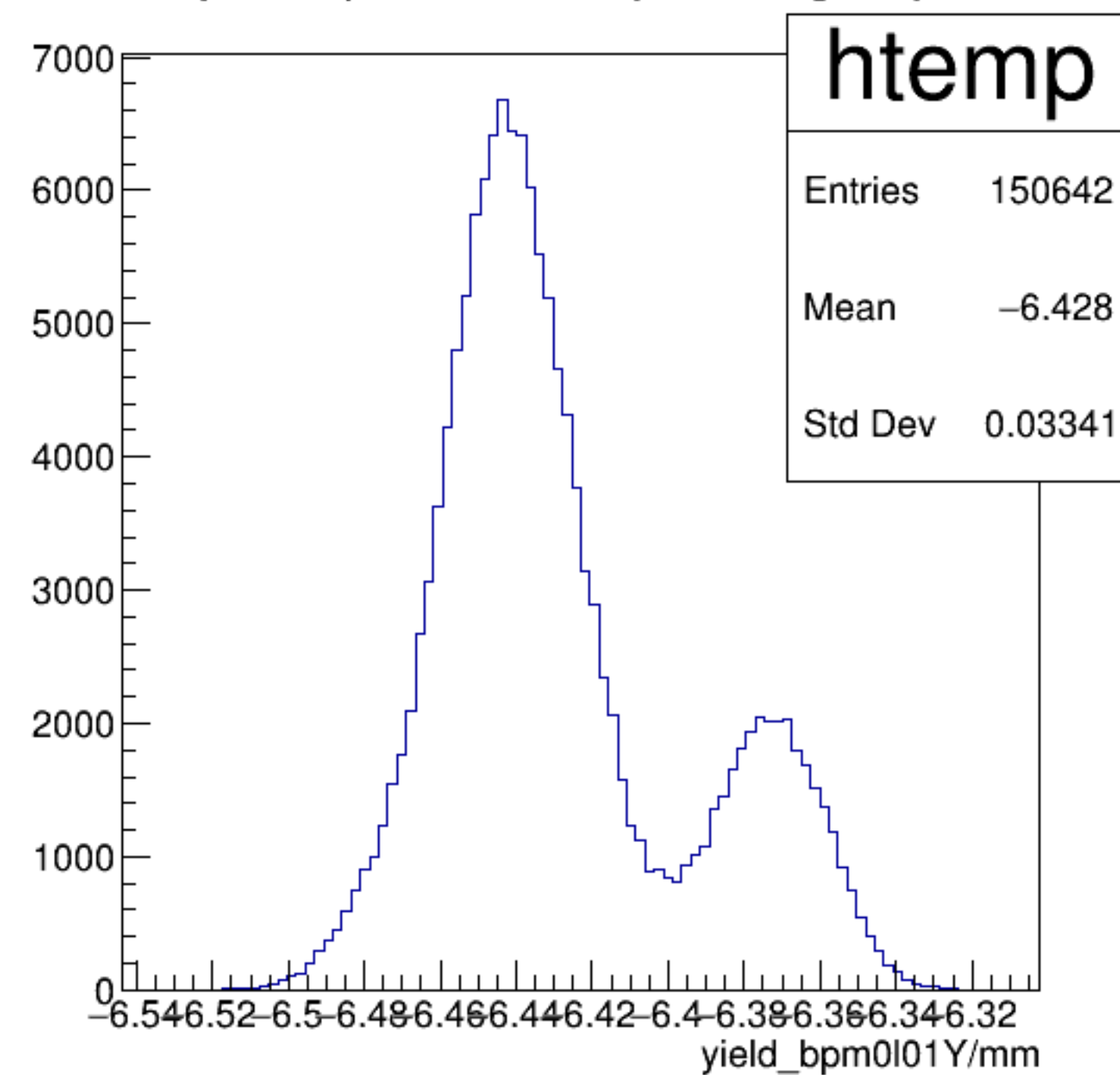


yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}



run8278_000_pairTree_bpm0l01Y.png

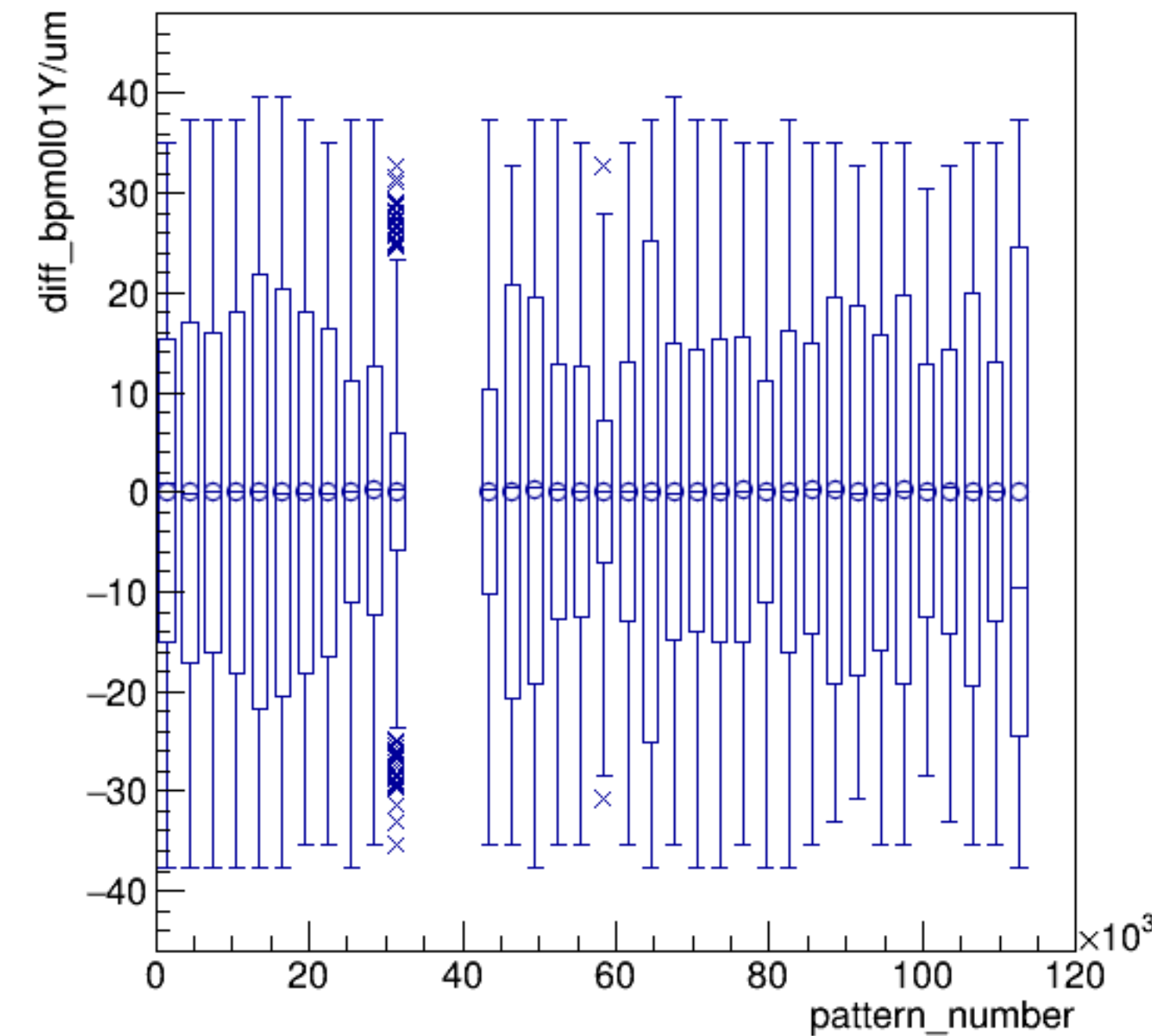
yield_bpm0l01Y/mm {ErrorFlag==0}



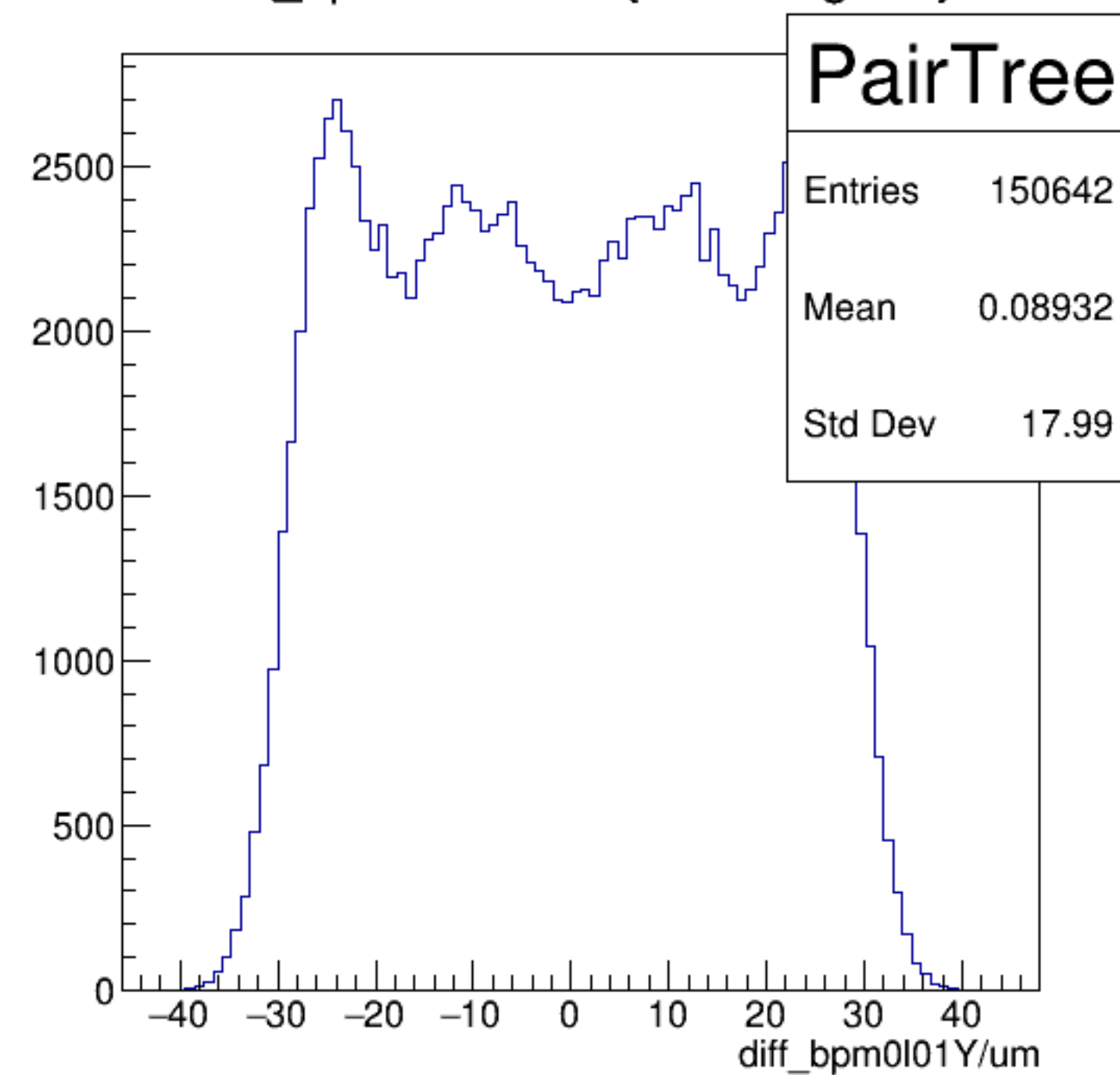
htemp

Entries	150642
Mean	-6.428
Std Dev	0.03341

diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}



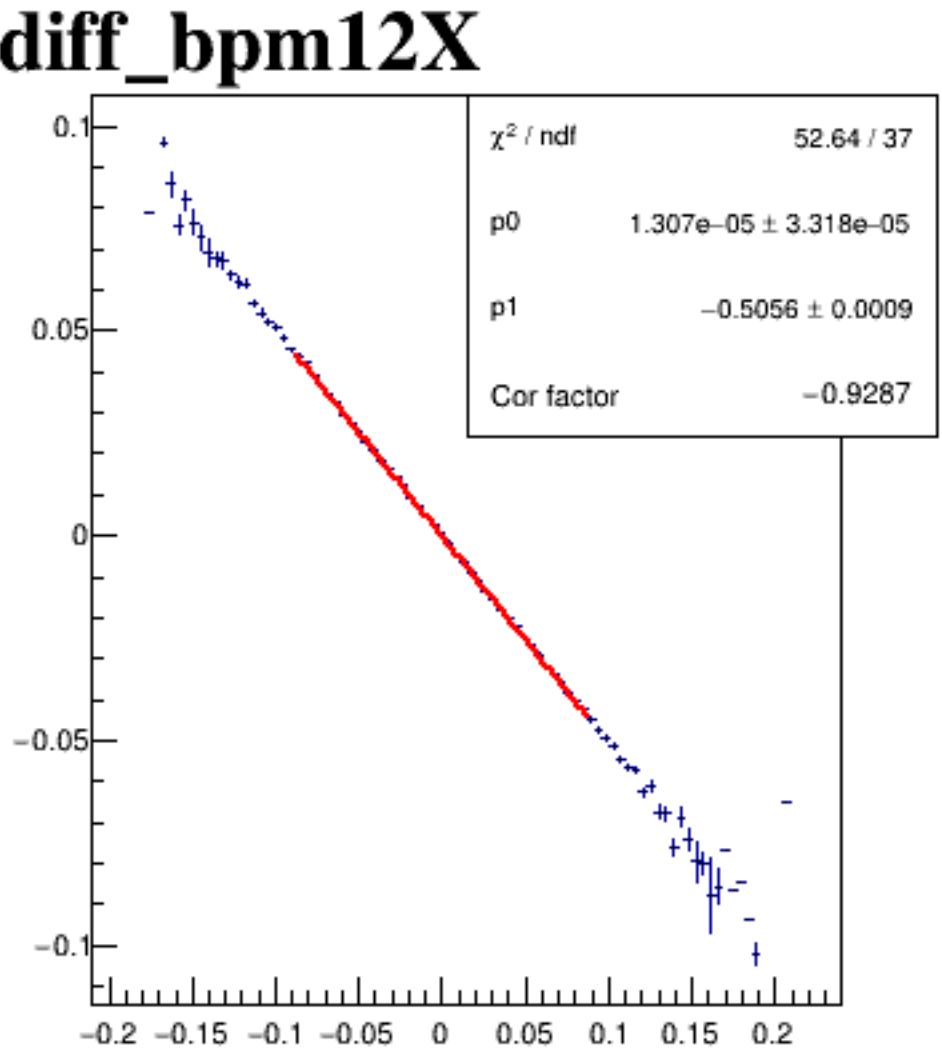
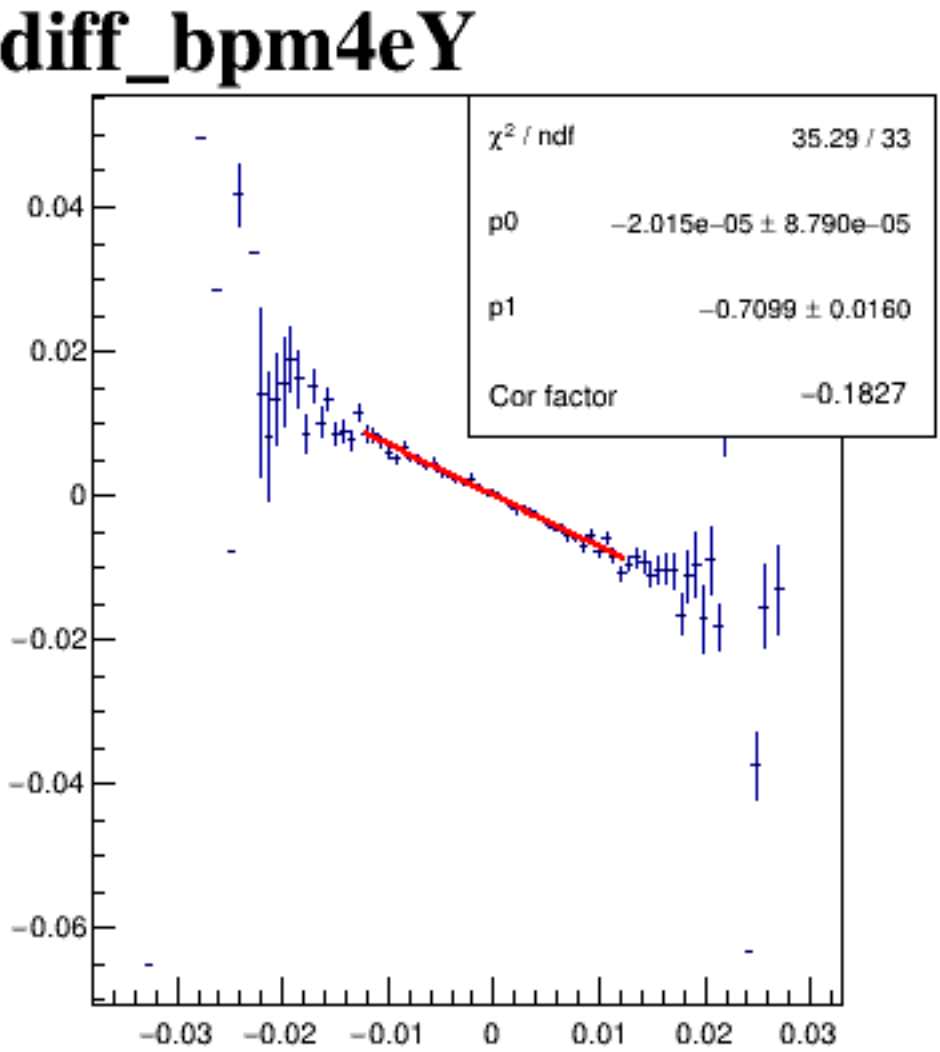
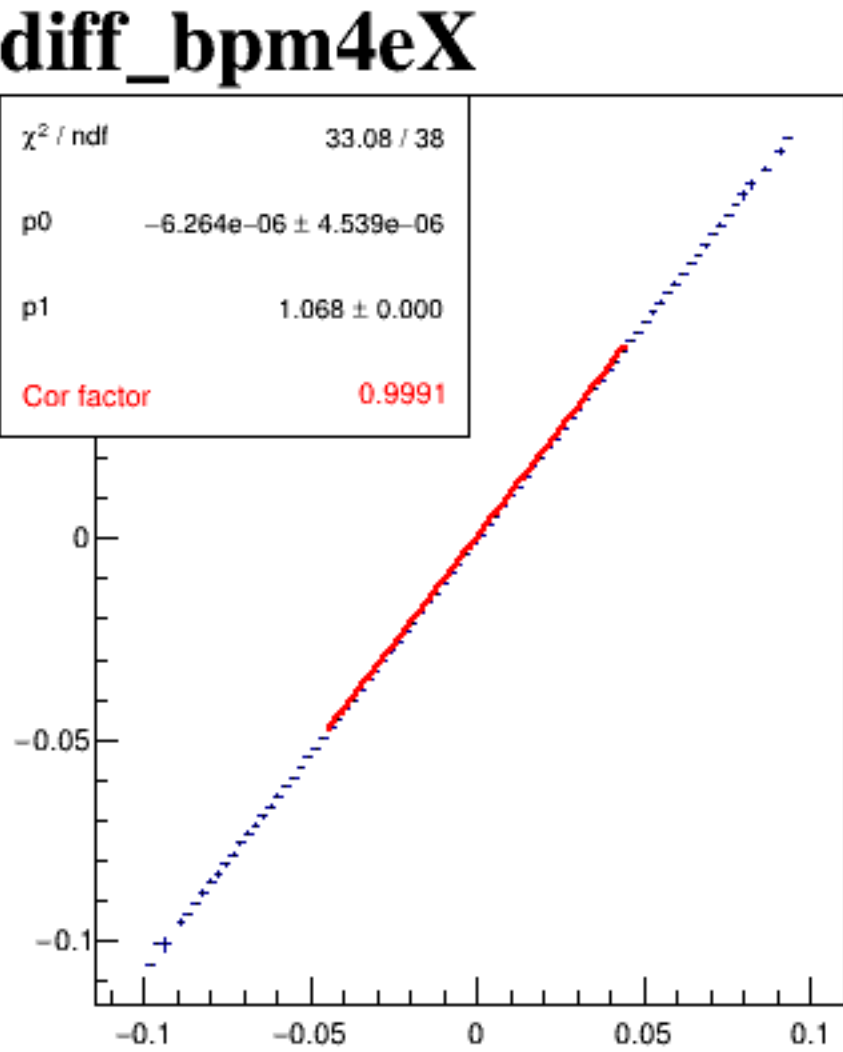
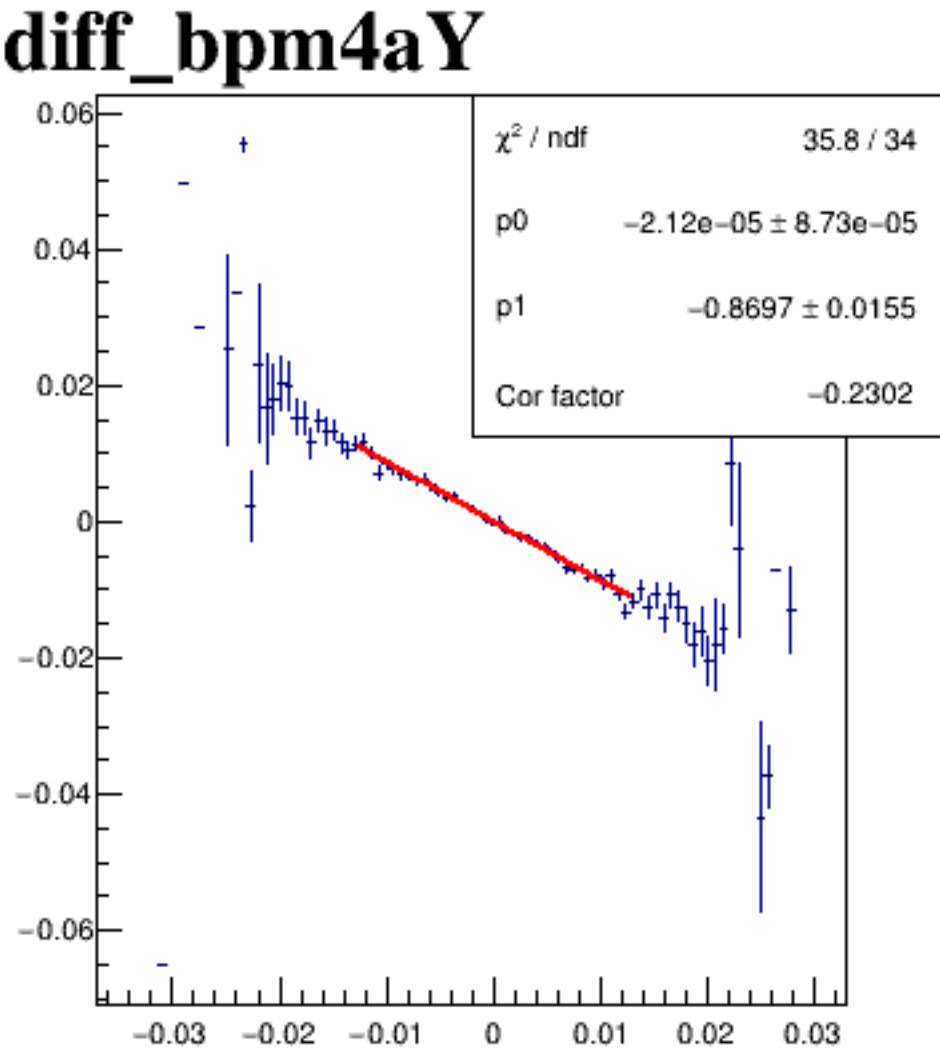
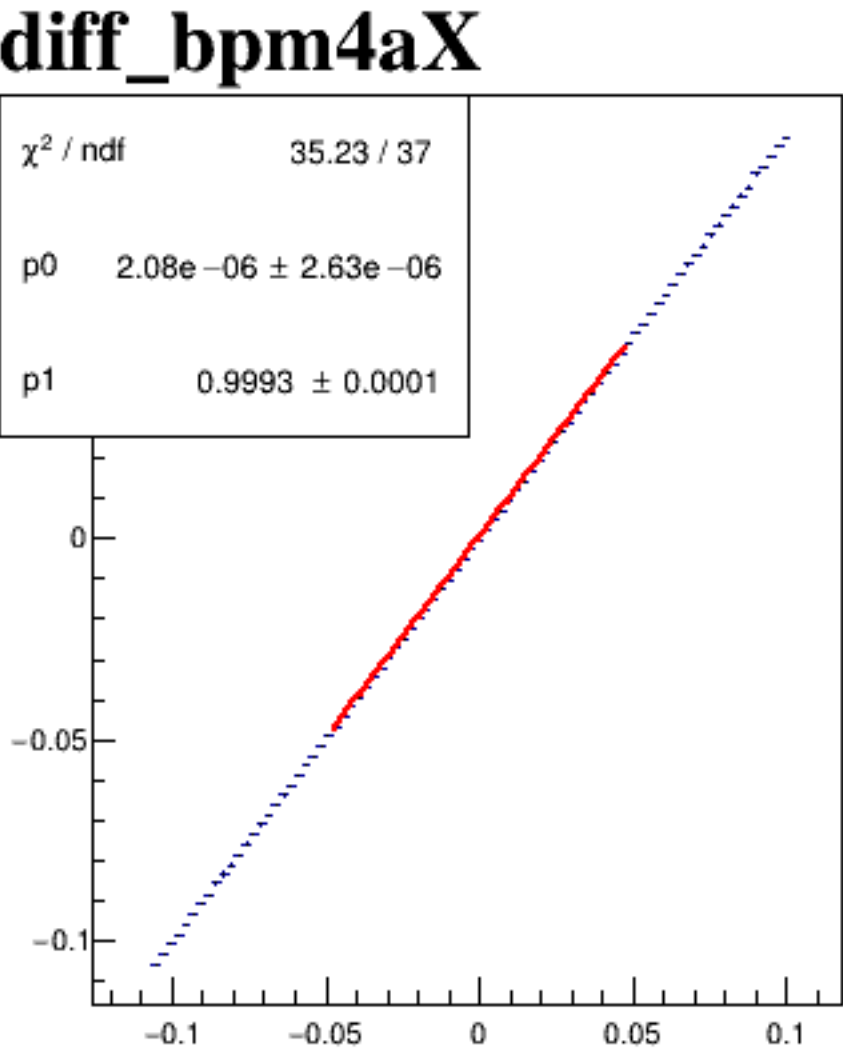
diff_bpm0l01Y/um {ErrorFlag==0}



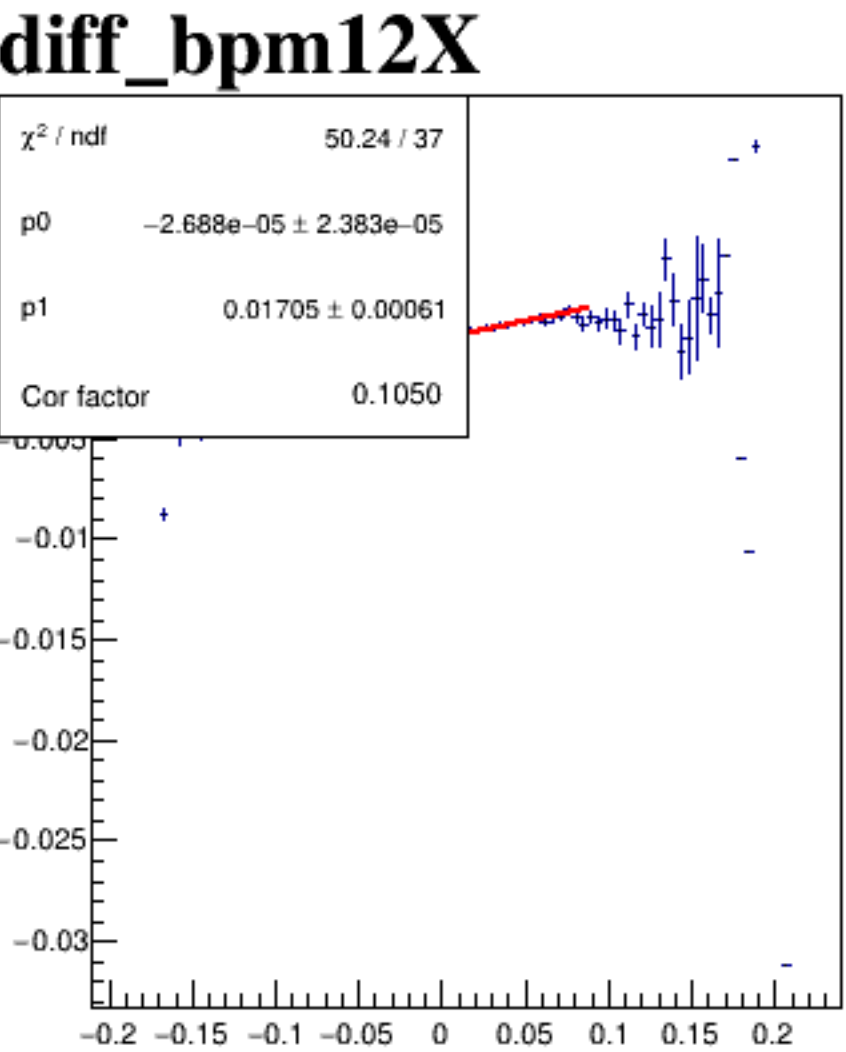
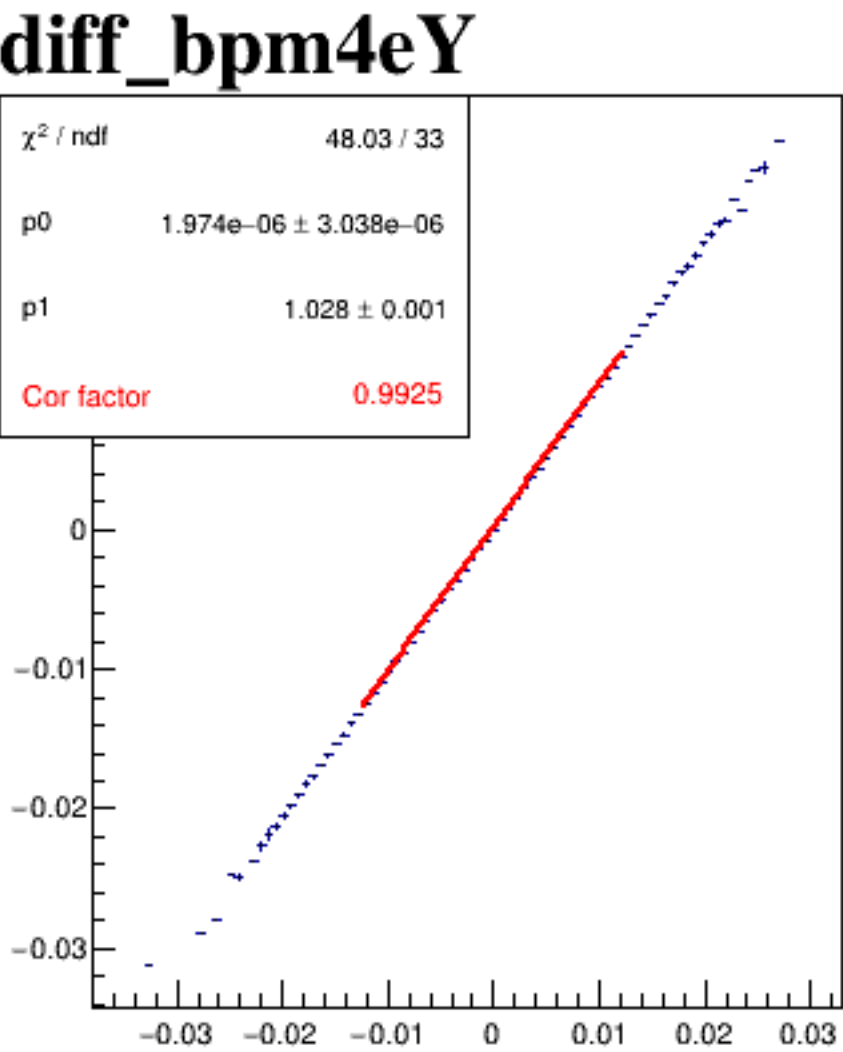
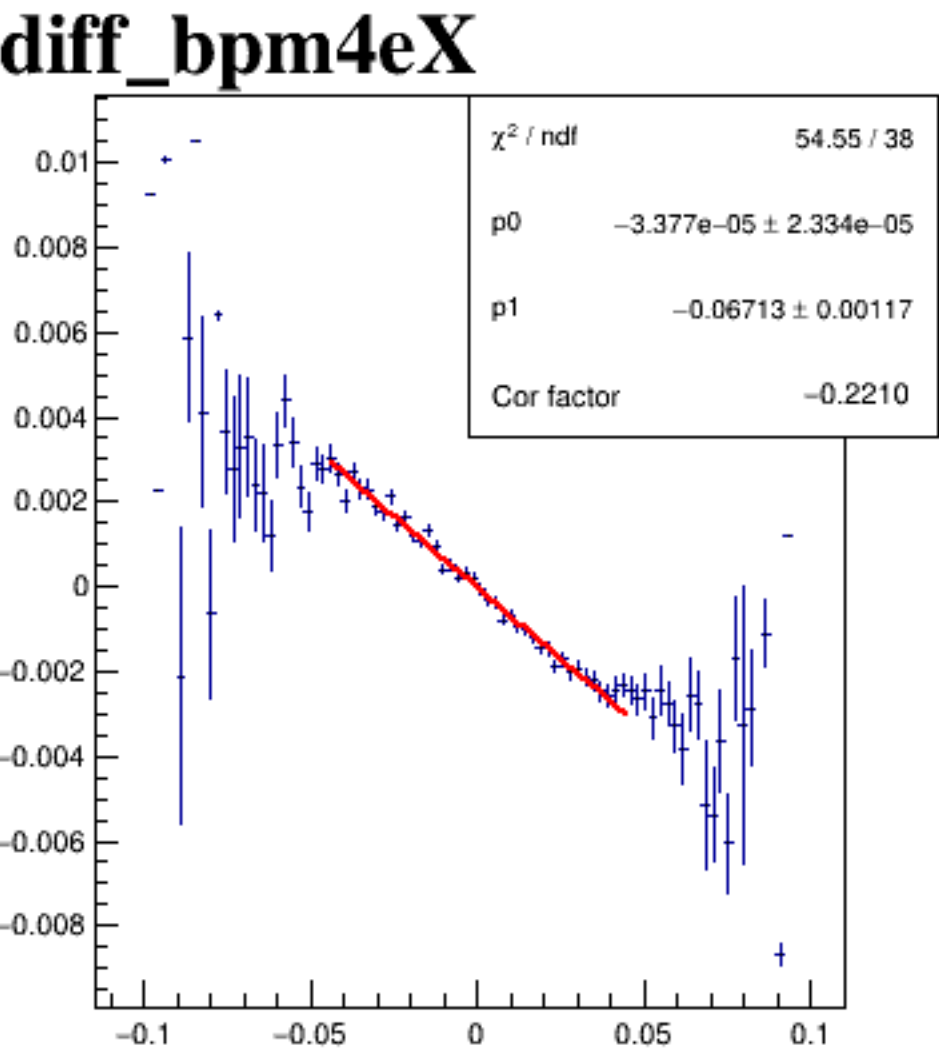
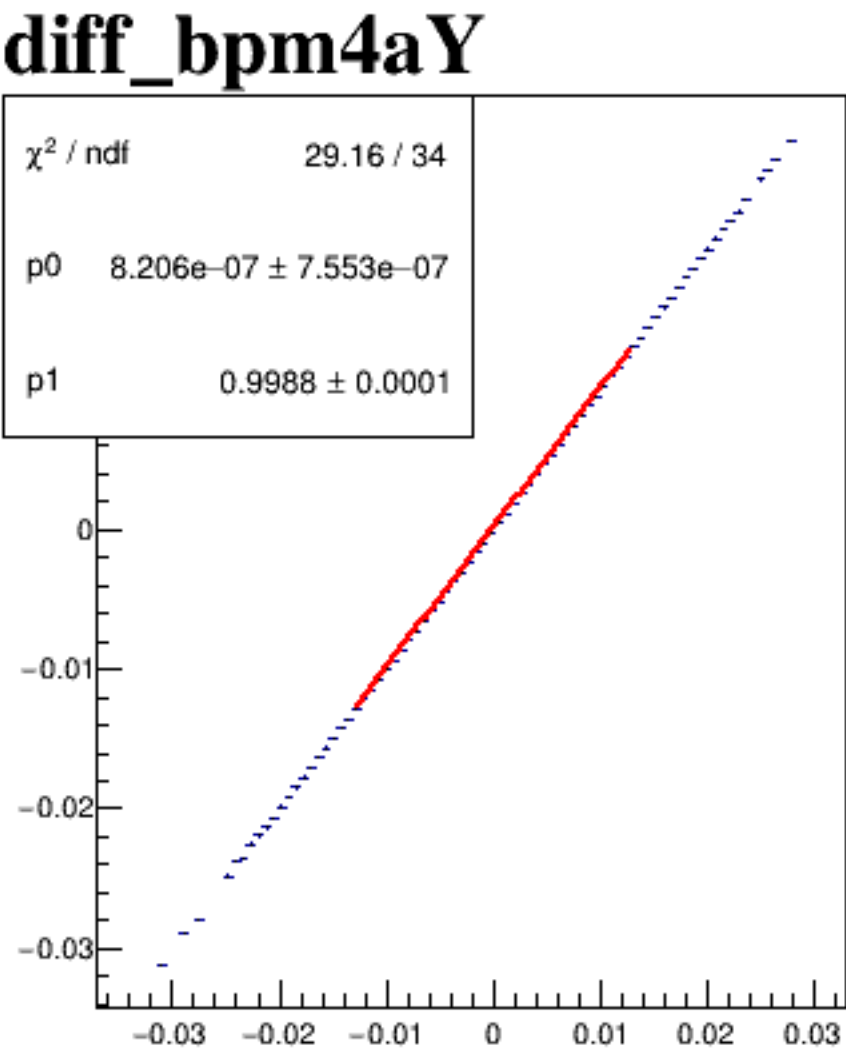
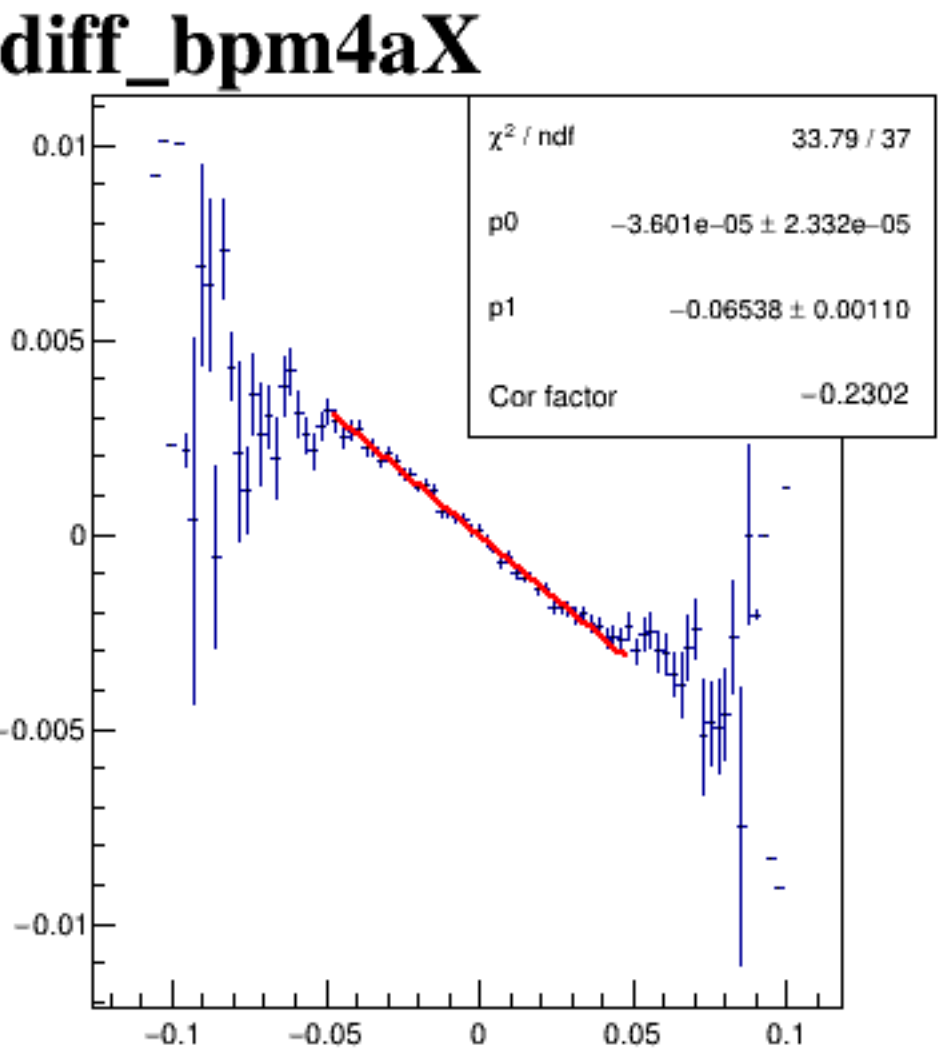
PairTree

Entries	150642
Mean	0.08932
Std Dev	17.99

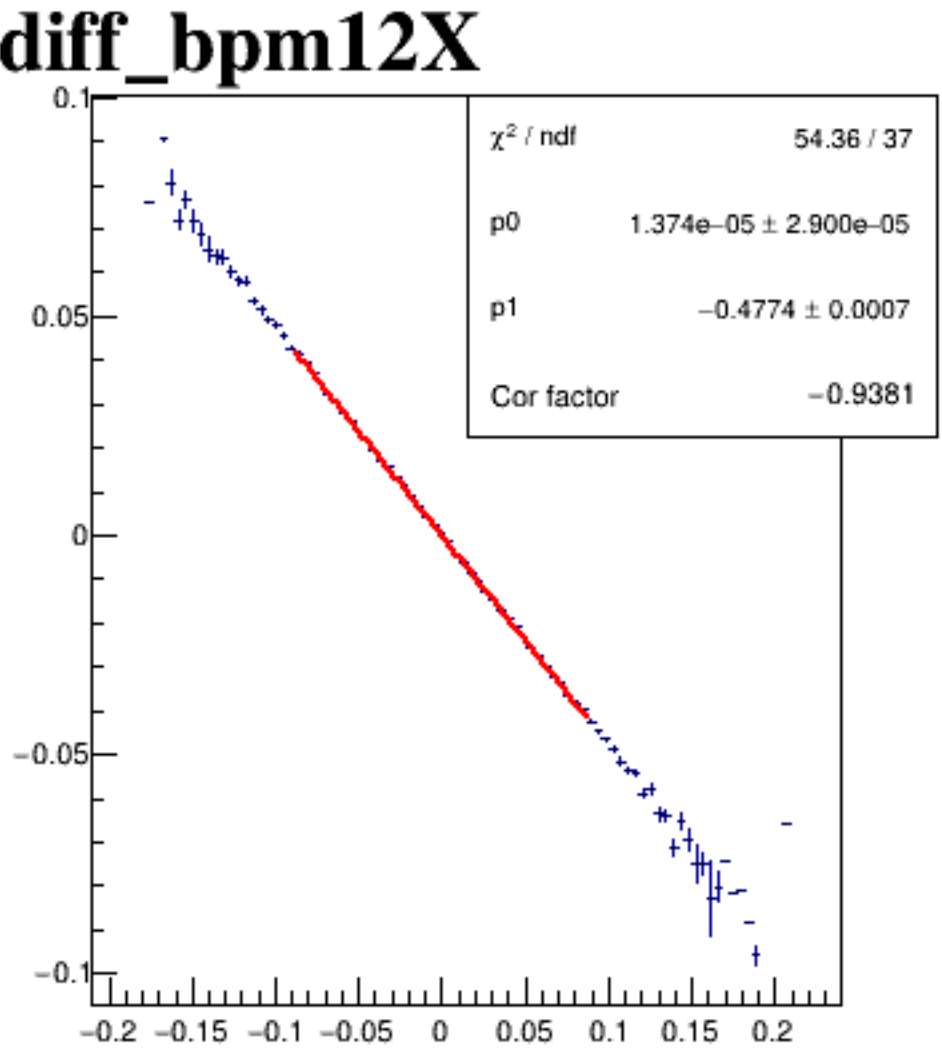
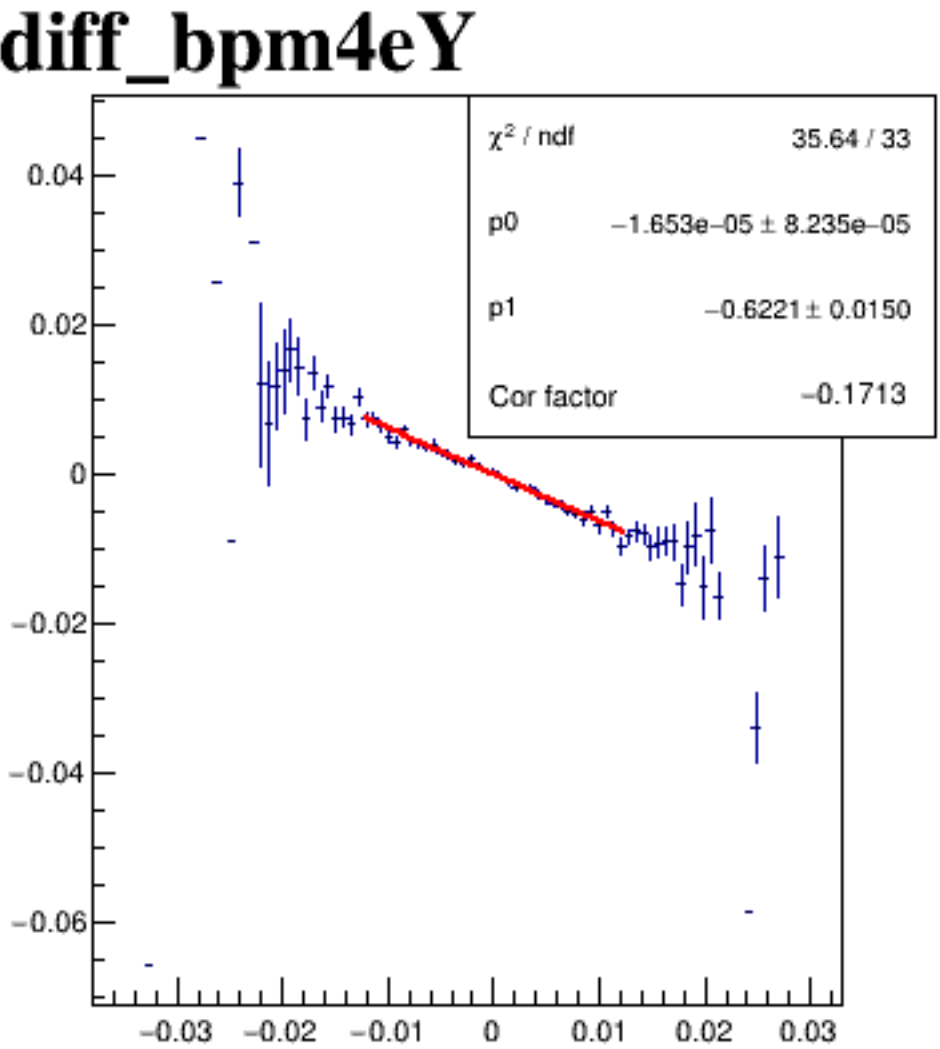
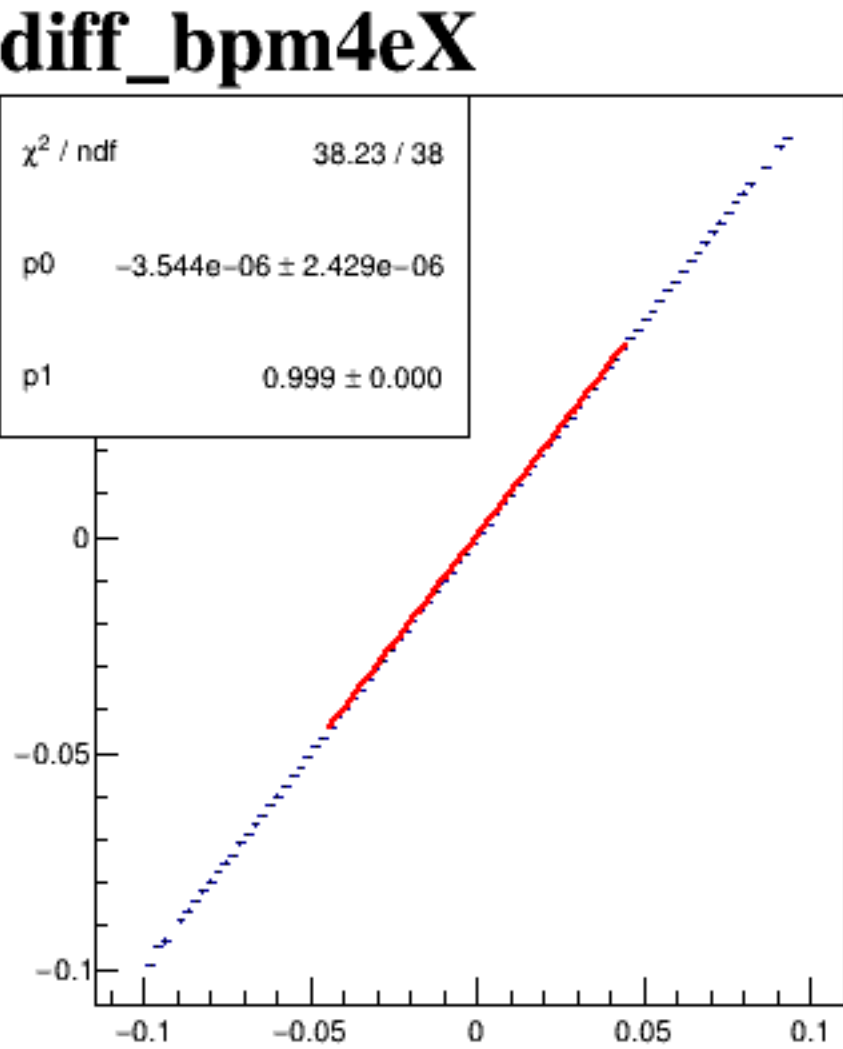
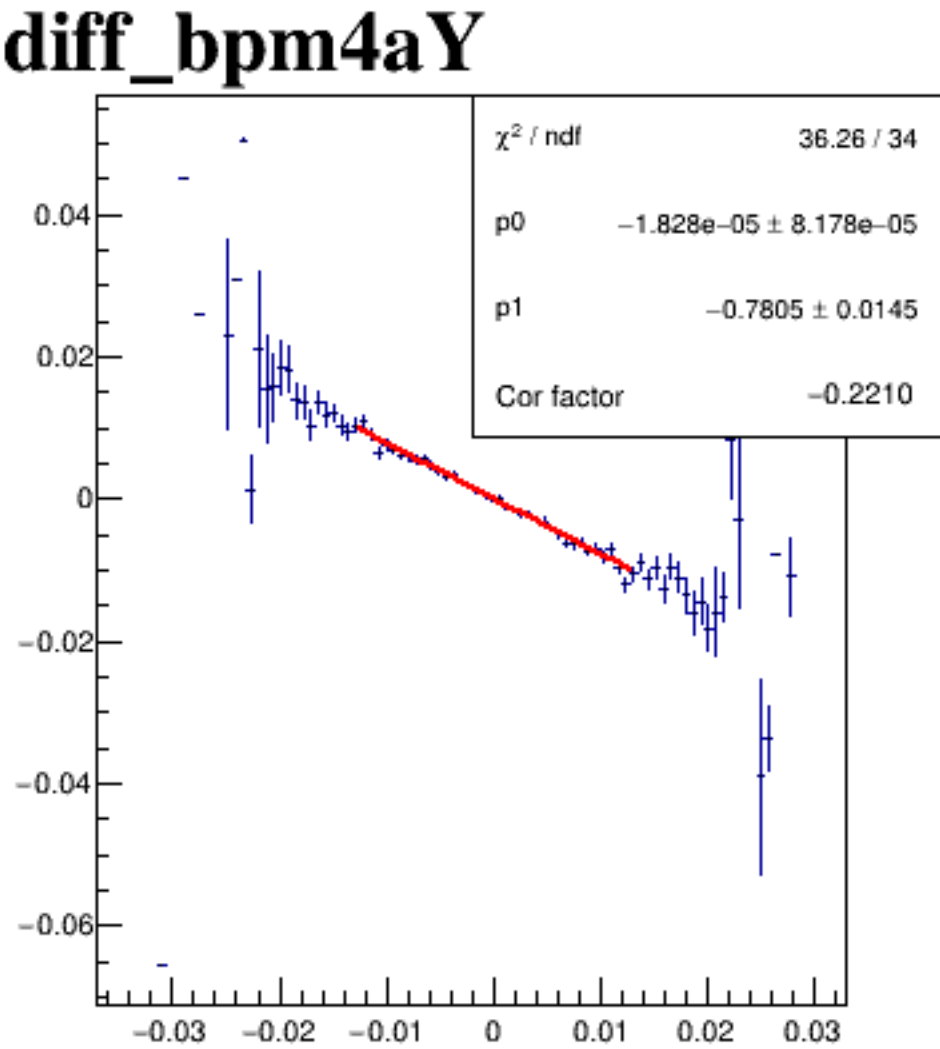
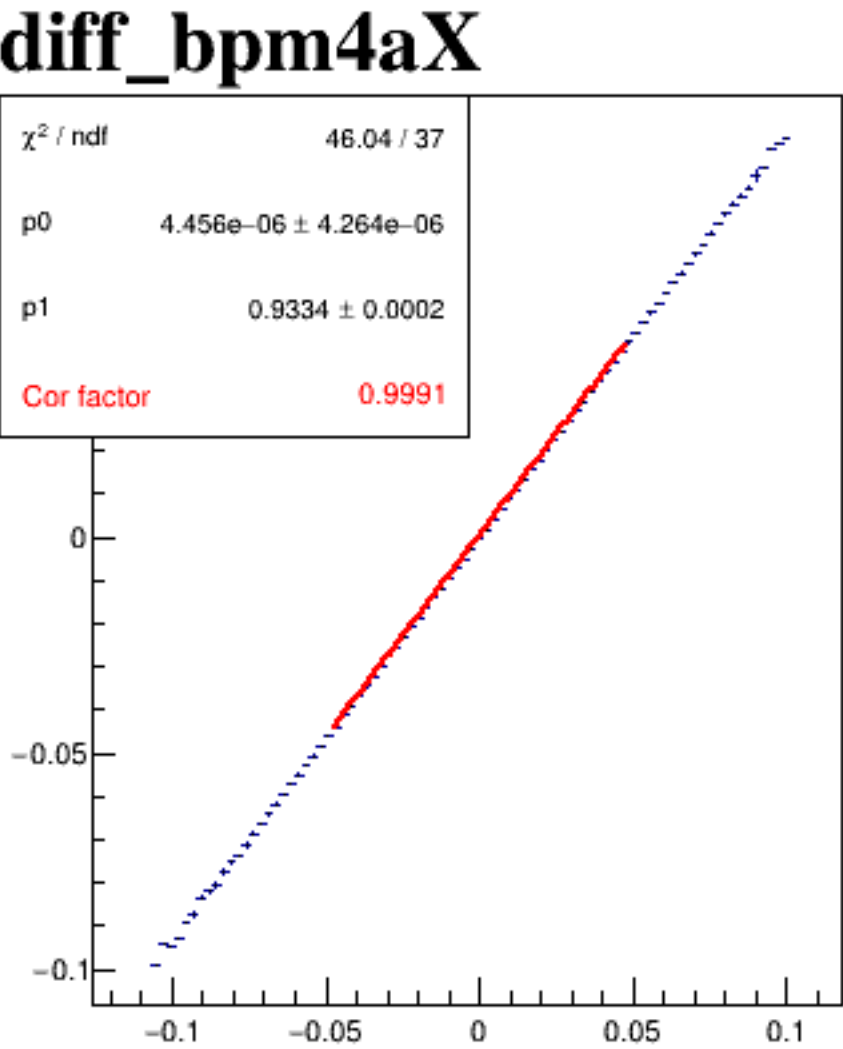
diff_bpm4aX



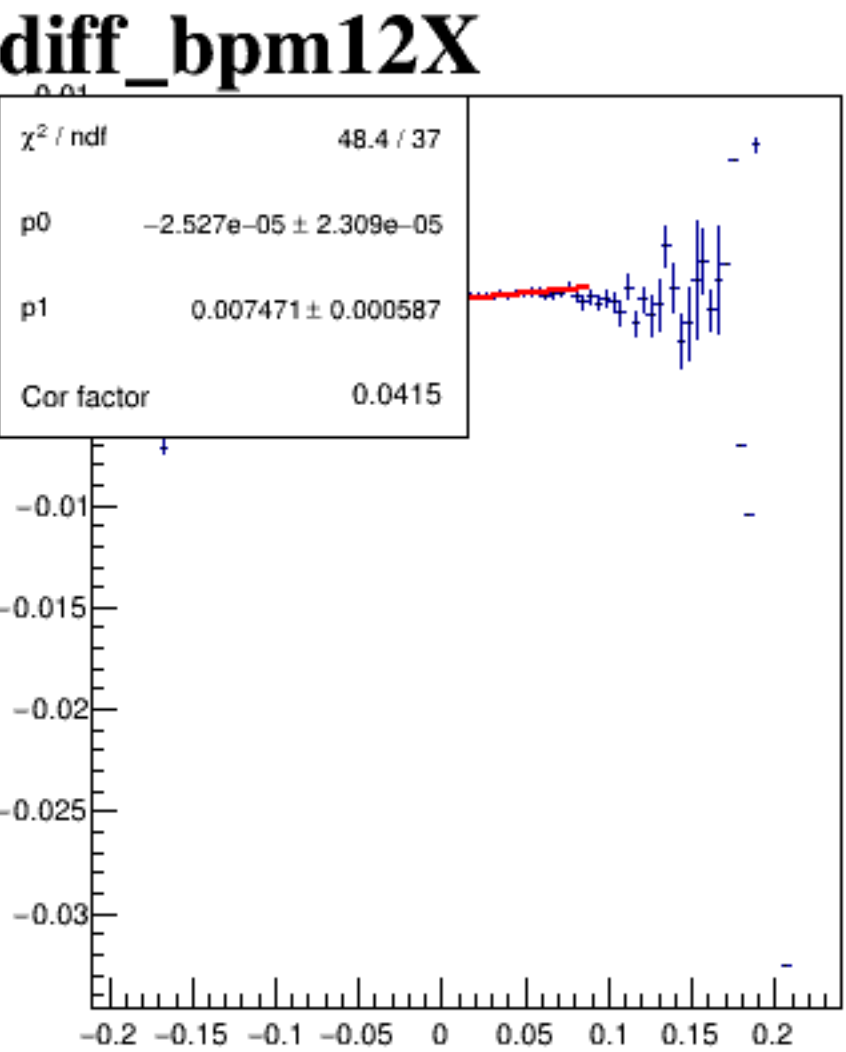
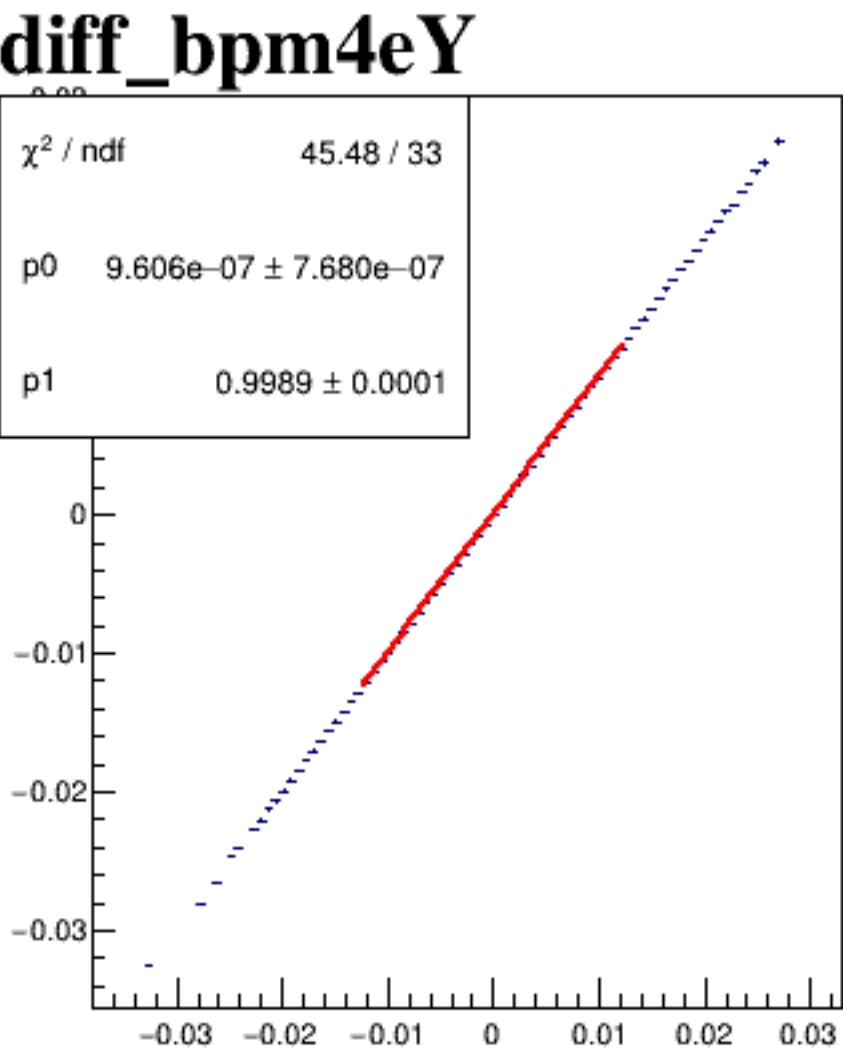
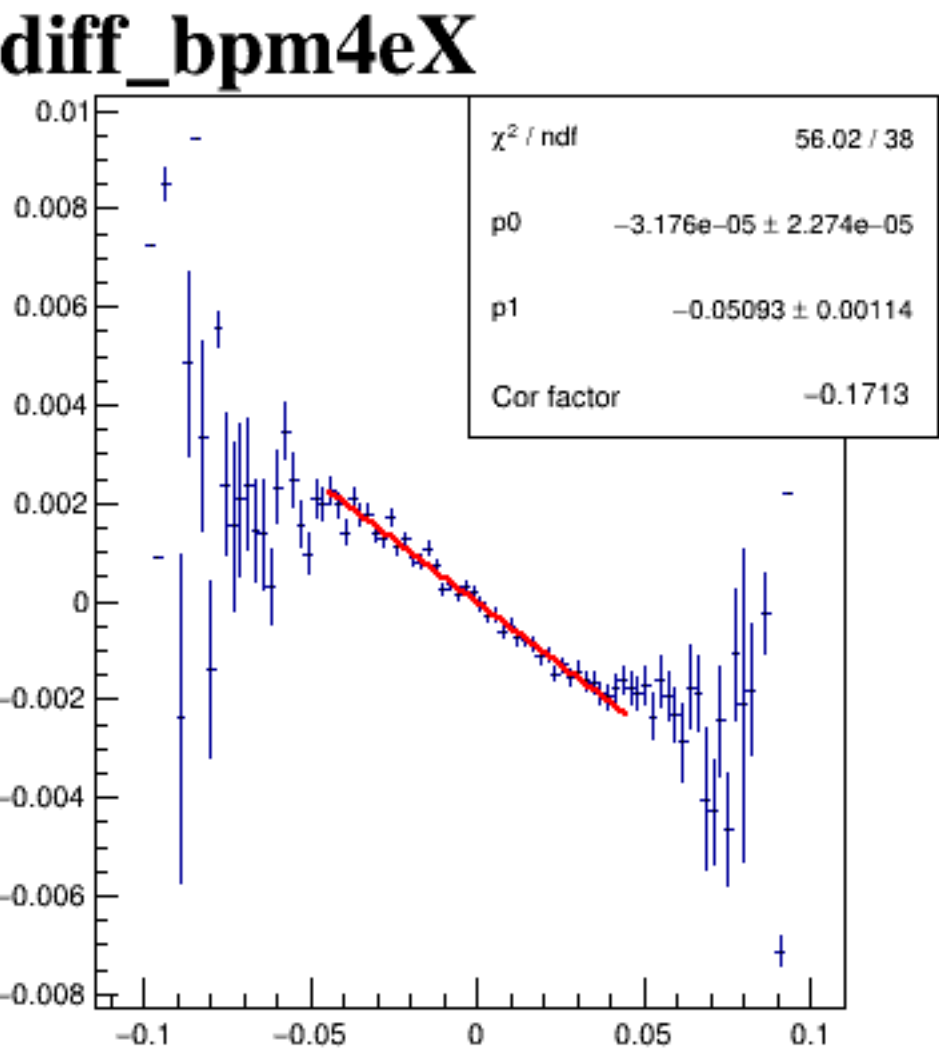
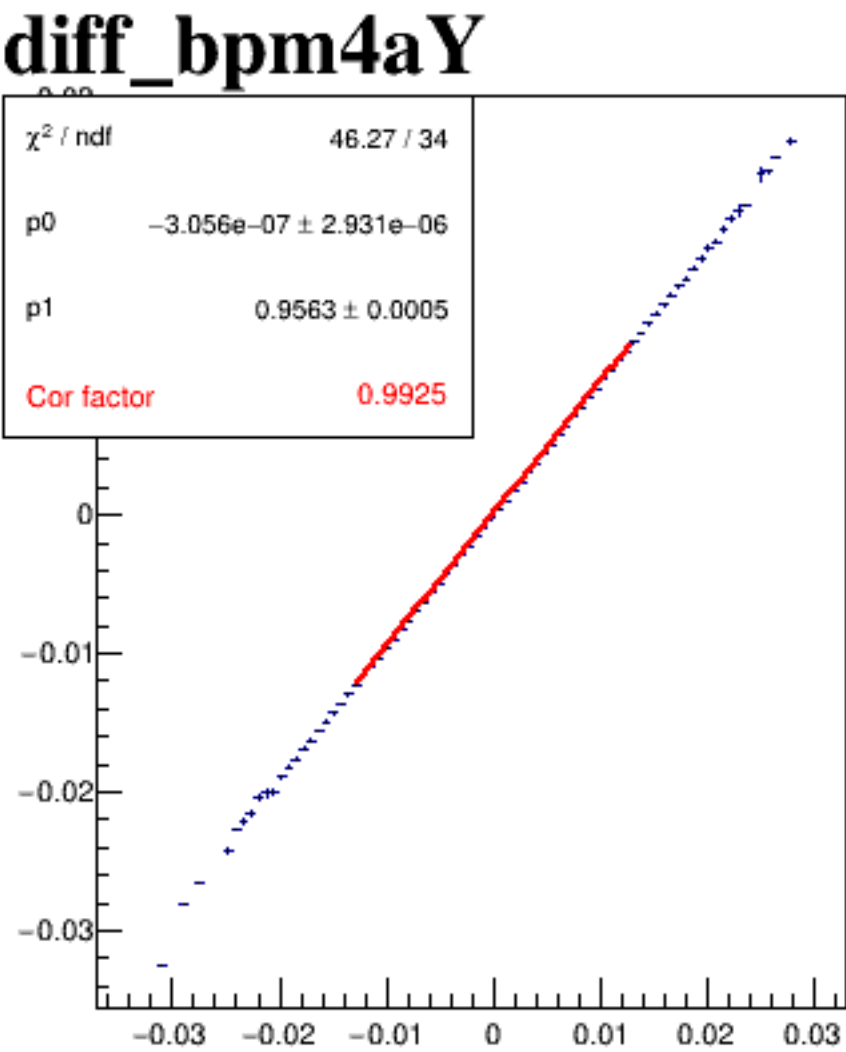
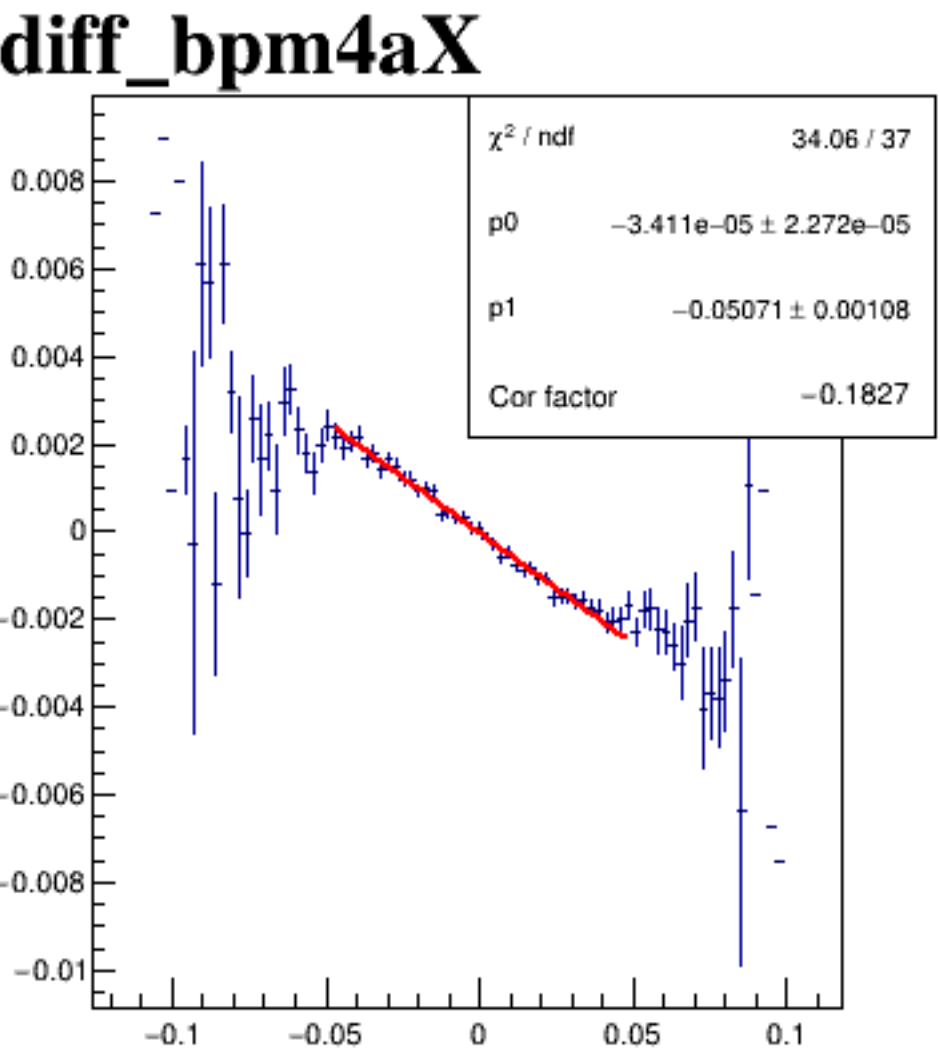
diff_bpm4aY



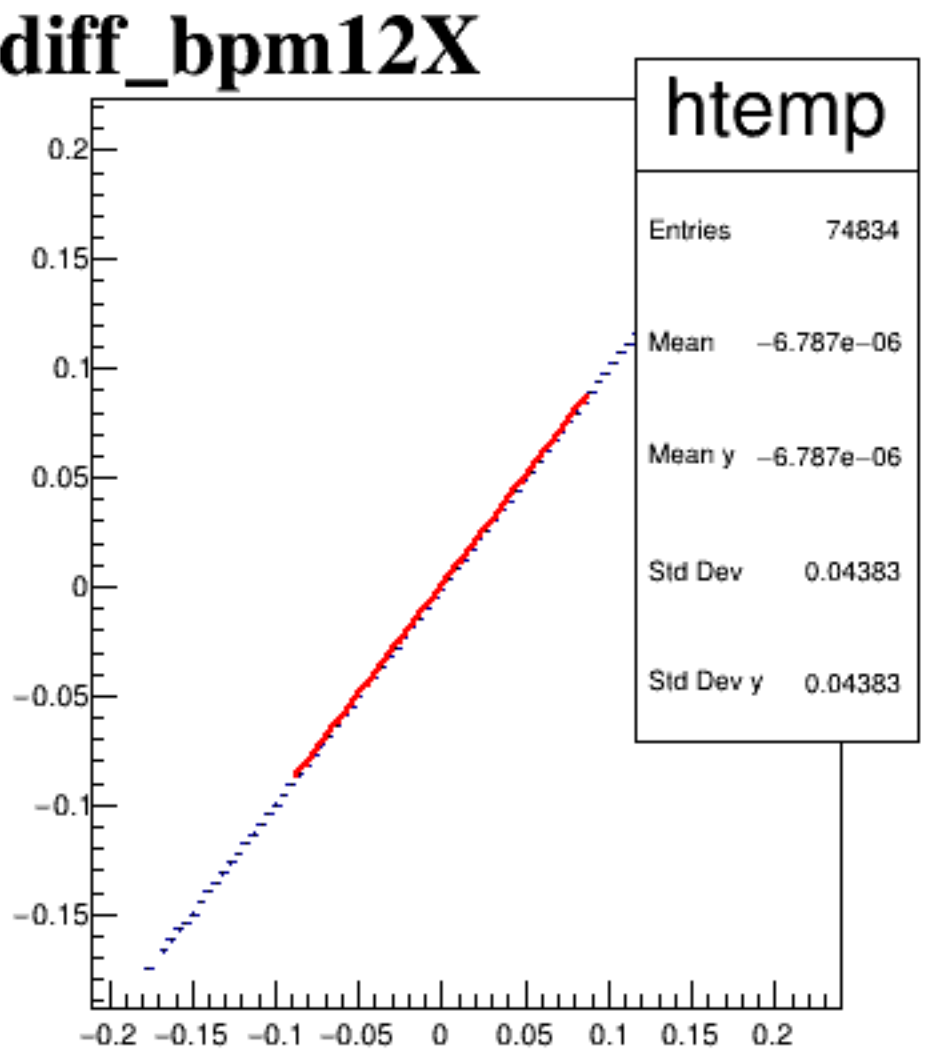
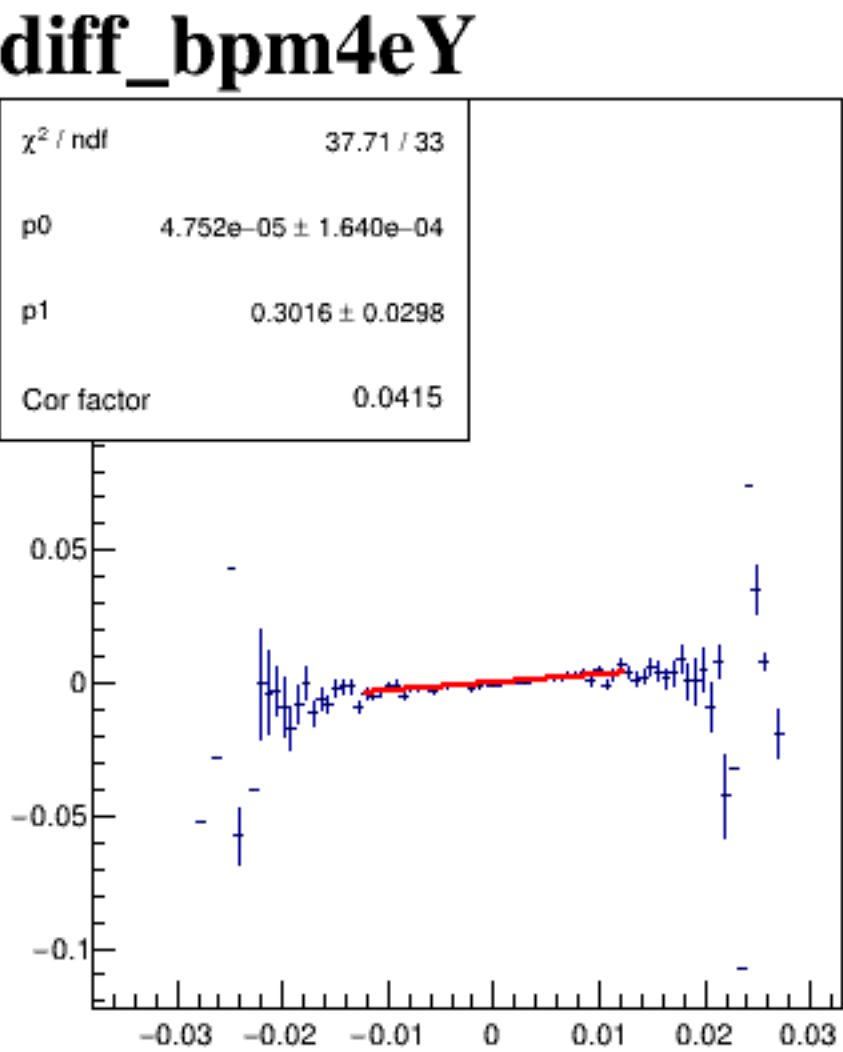
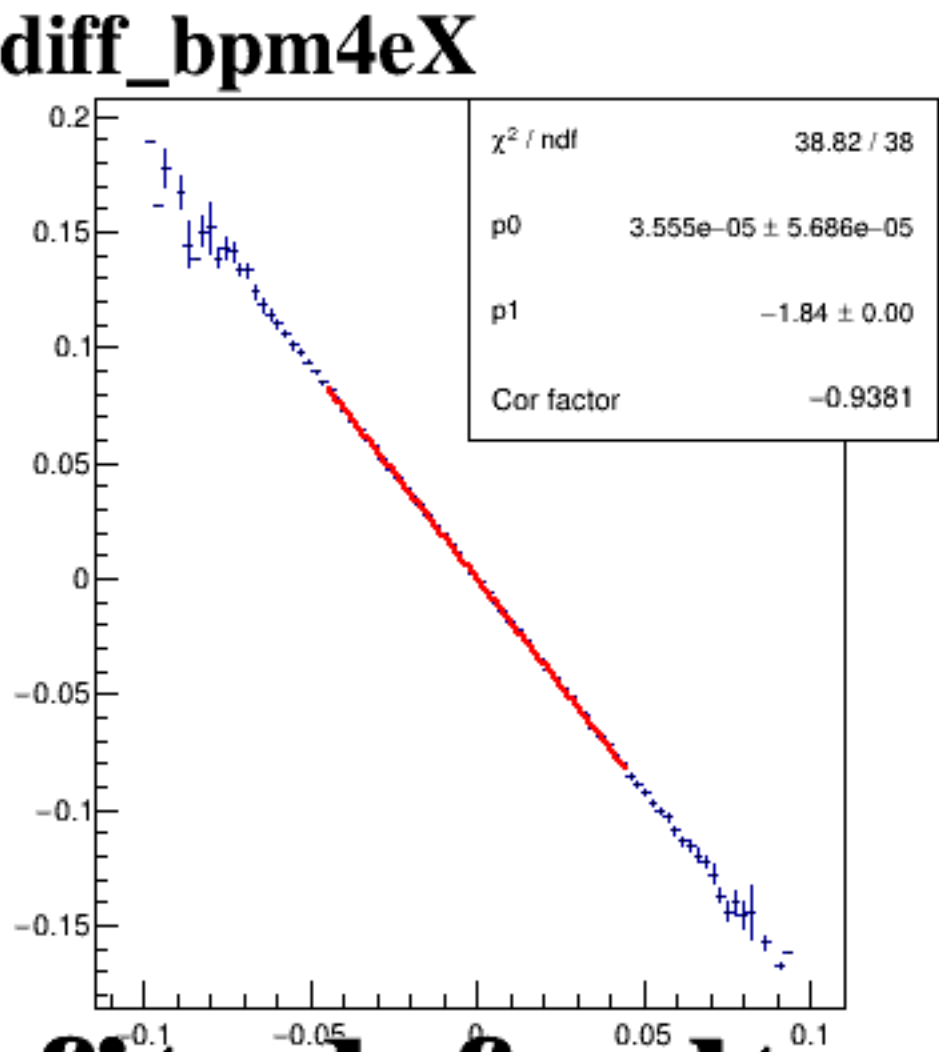
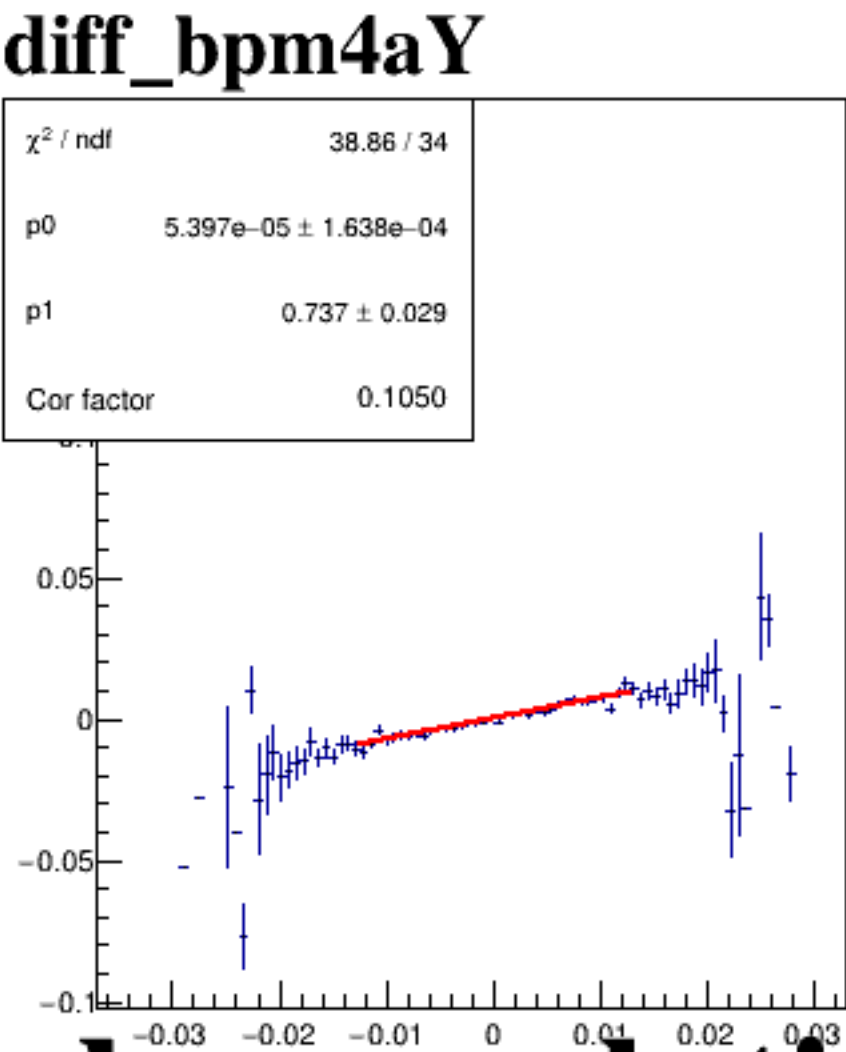
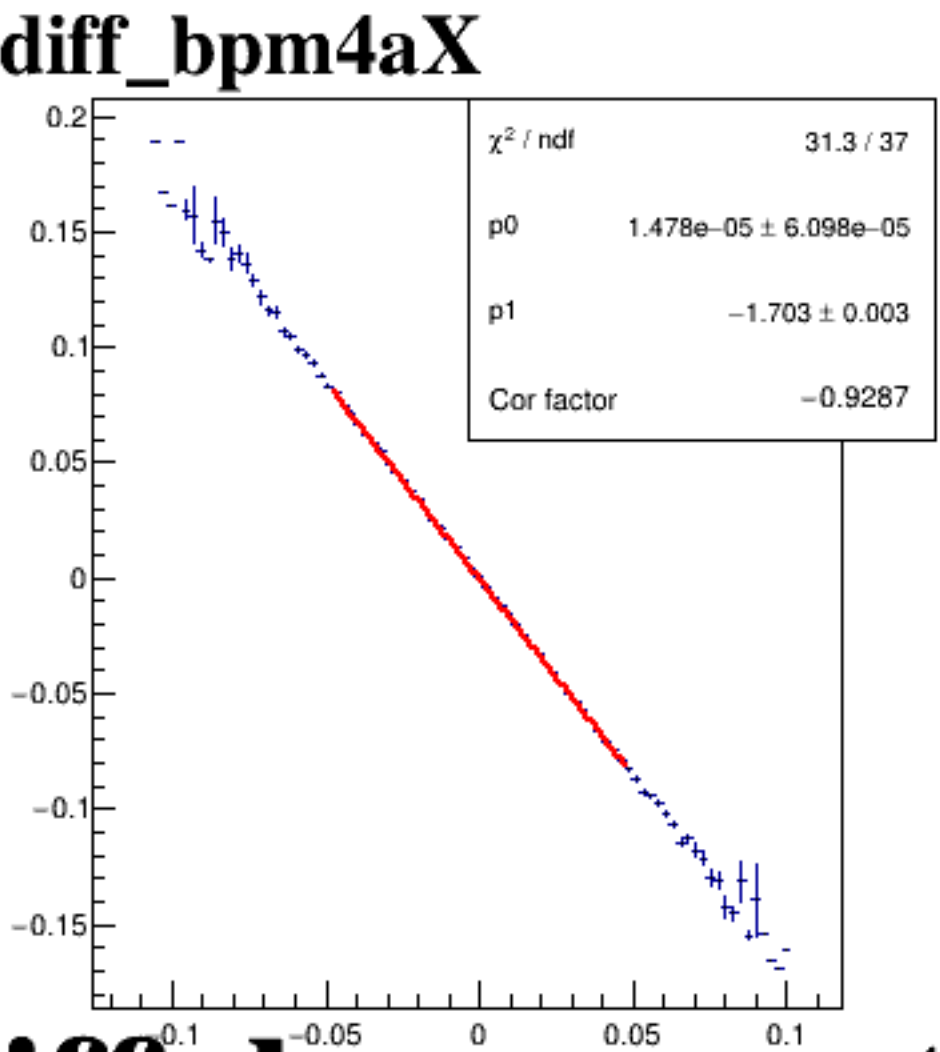
diff_bpm4eX

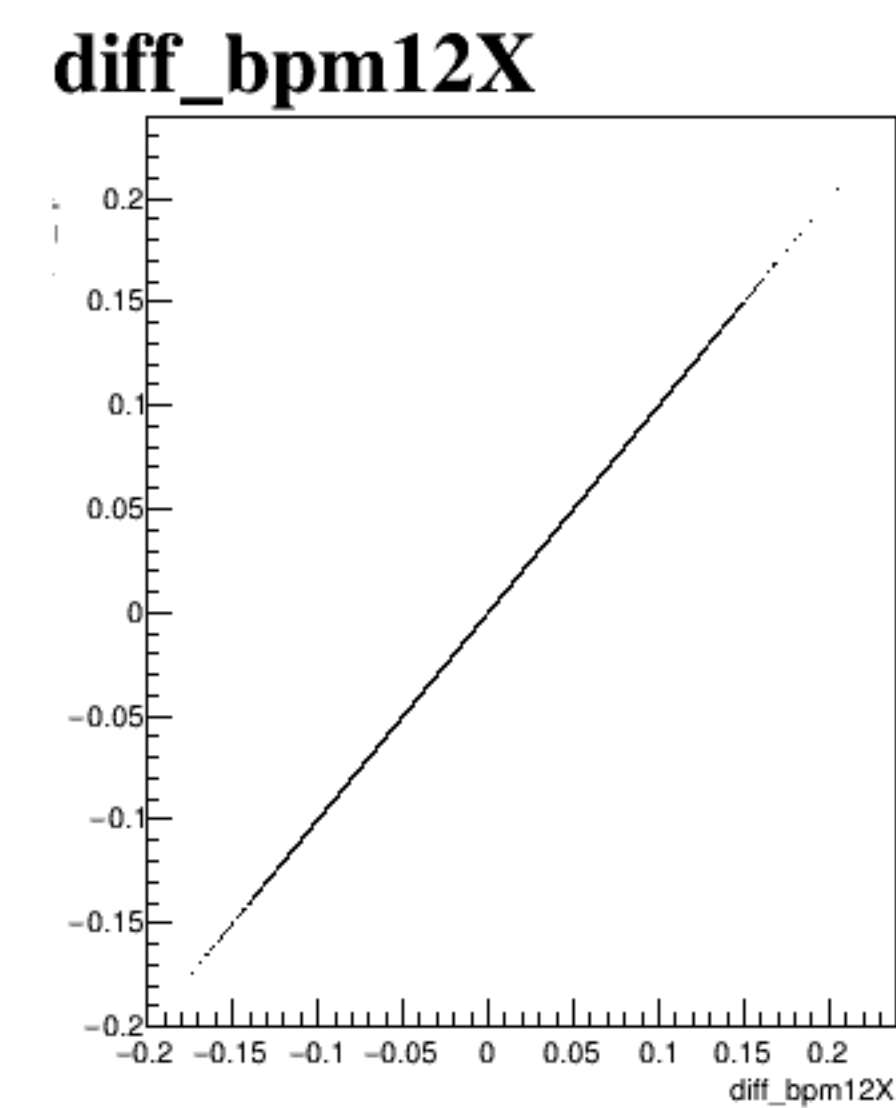
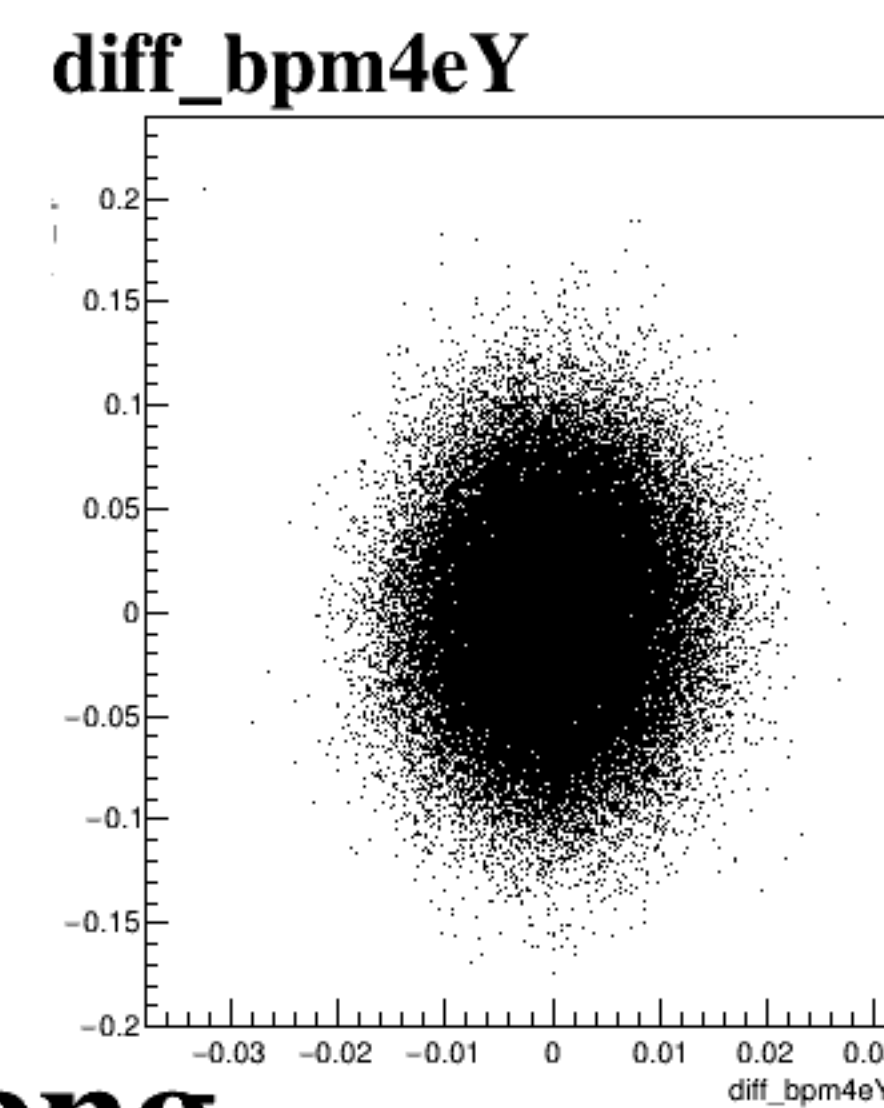
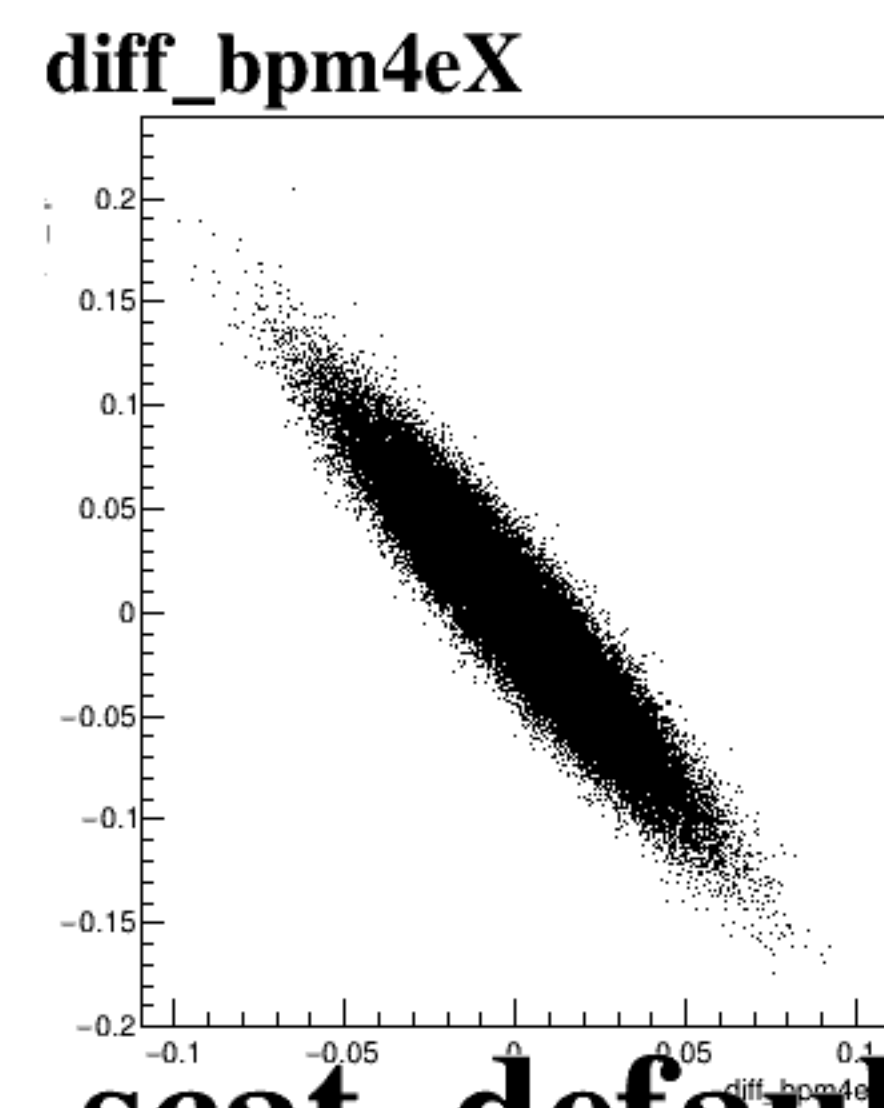
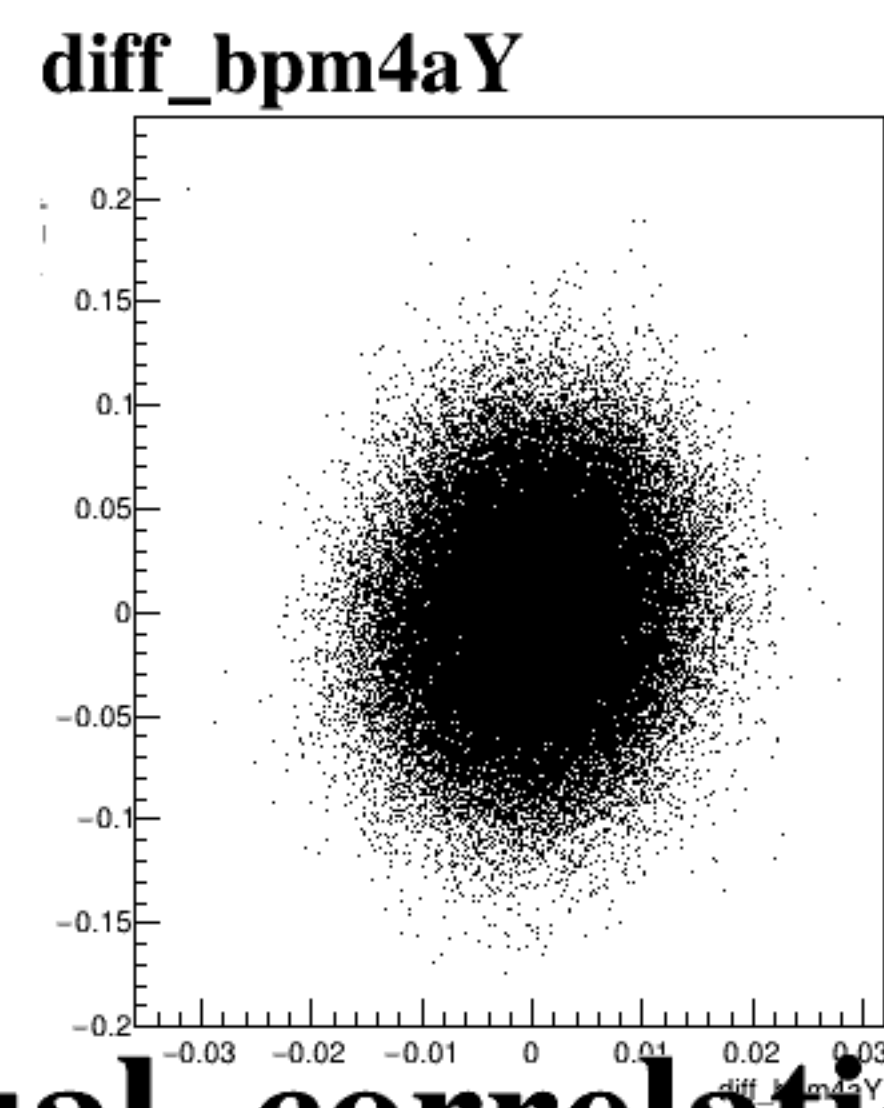
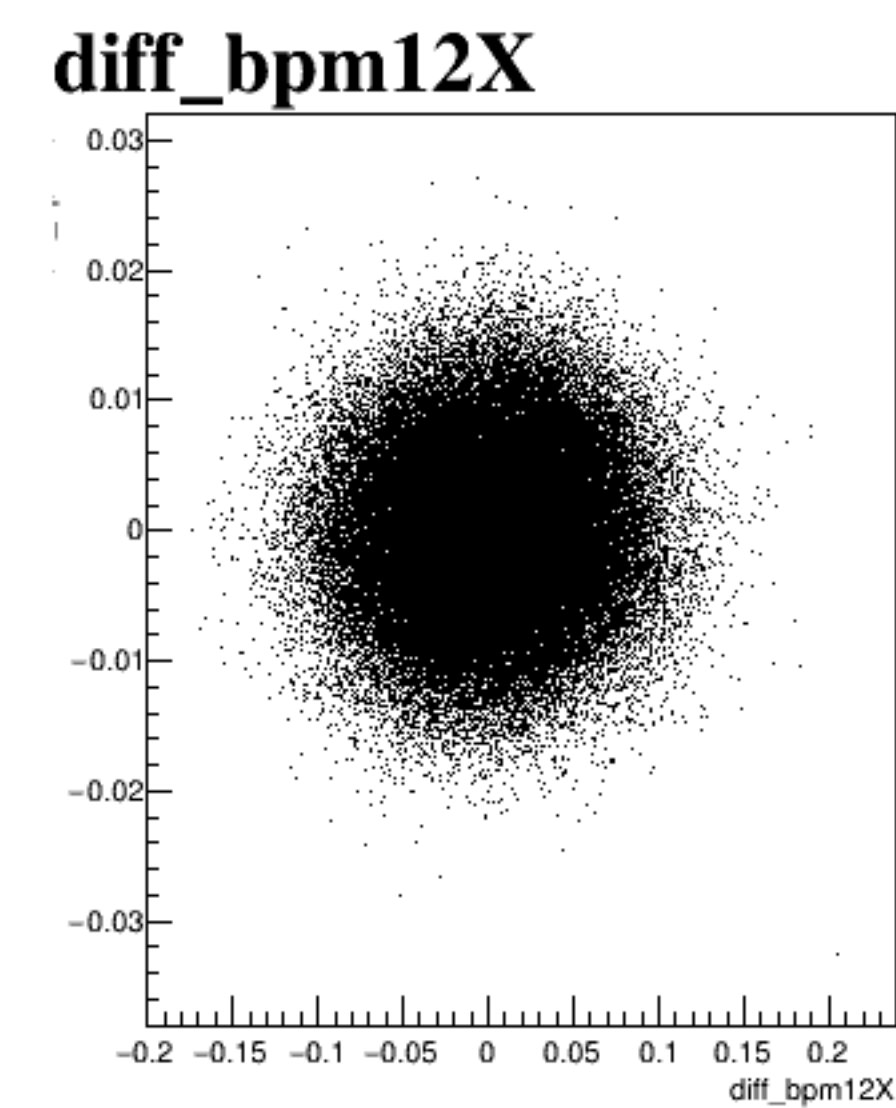
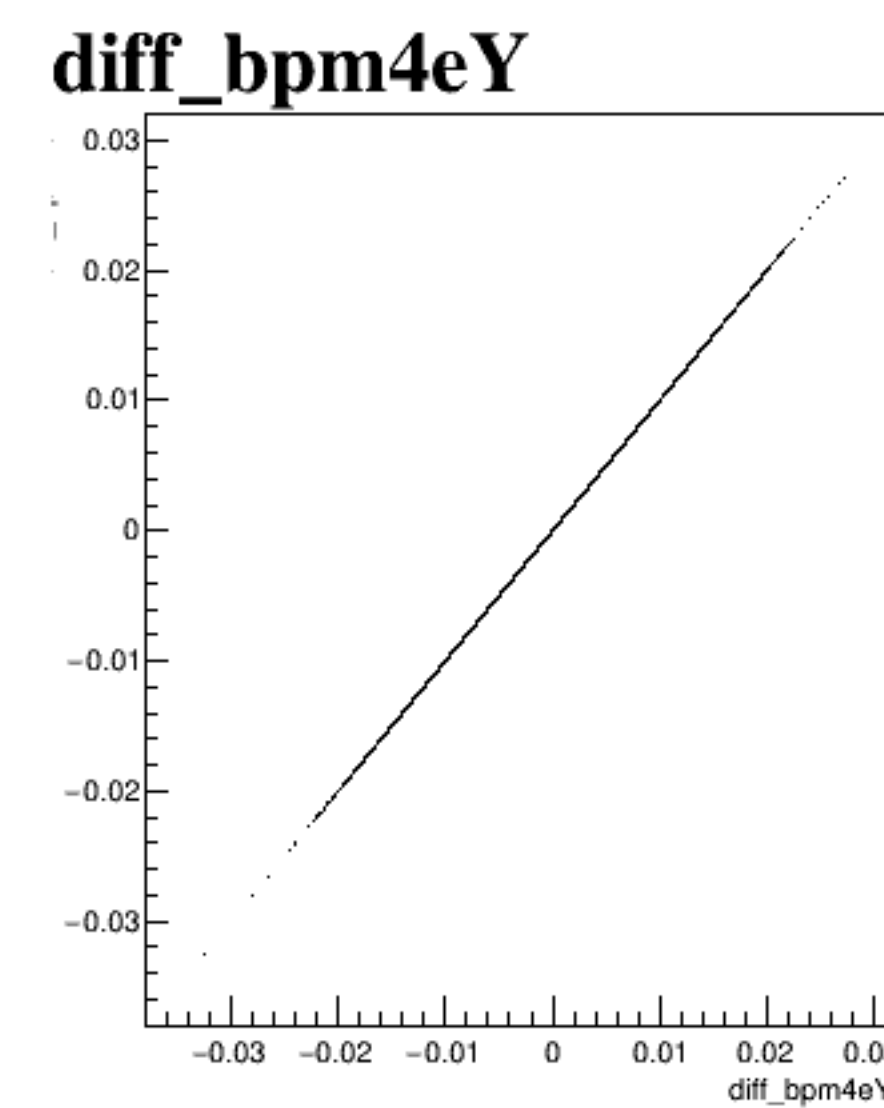
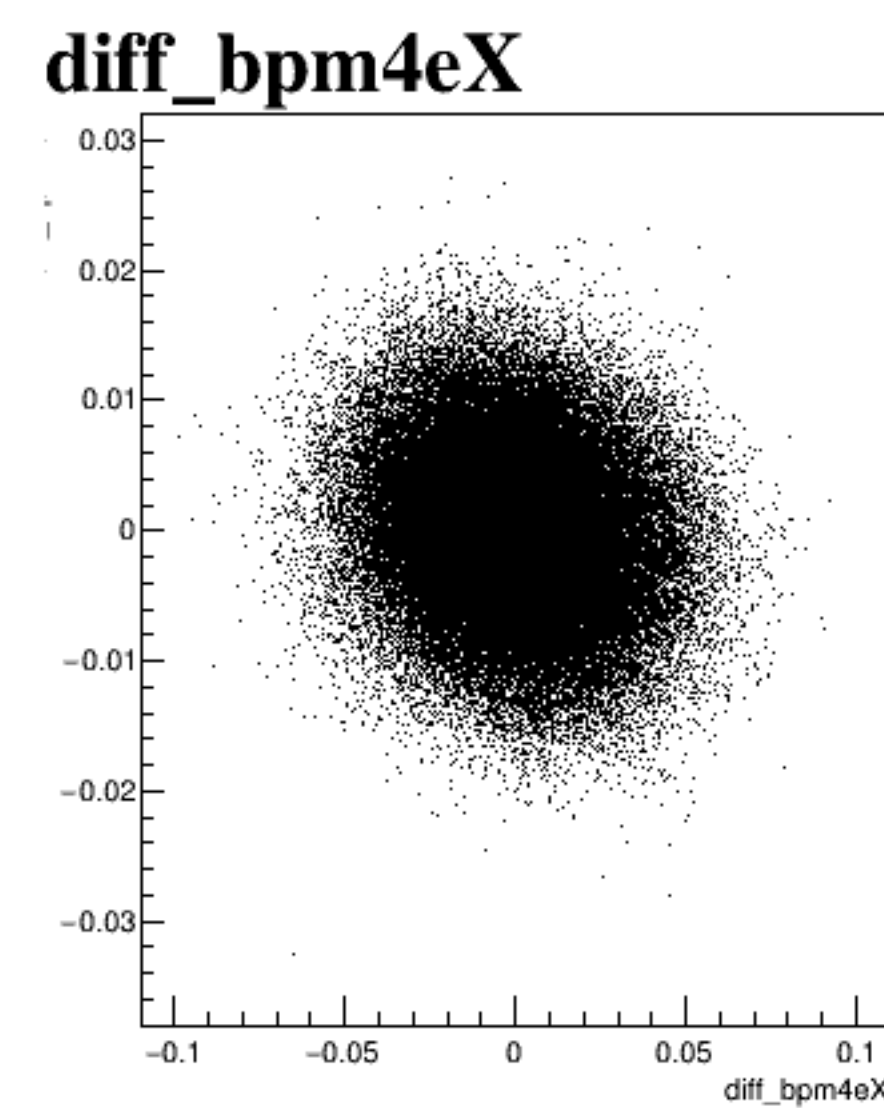
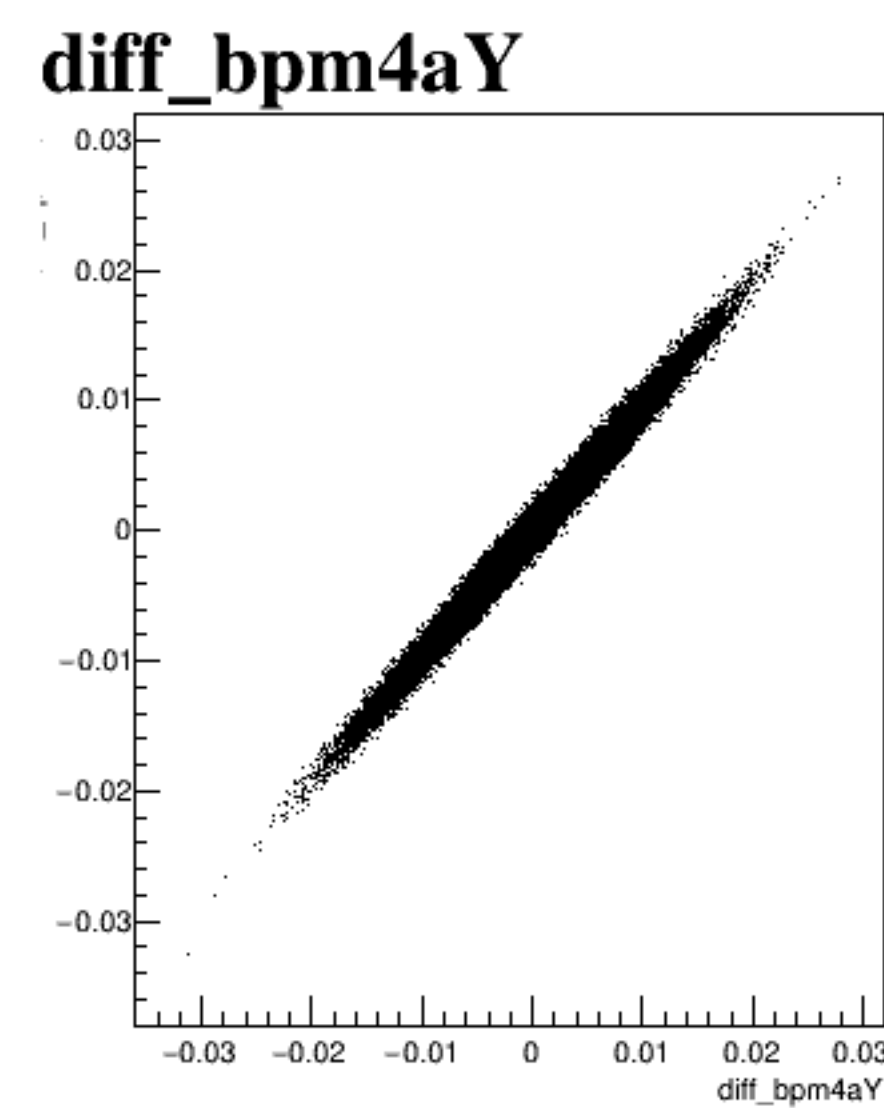
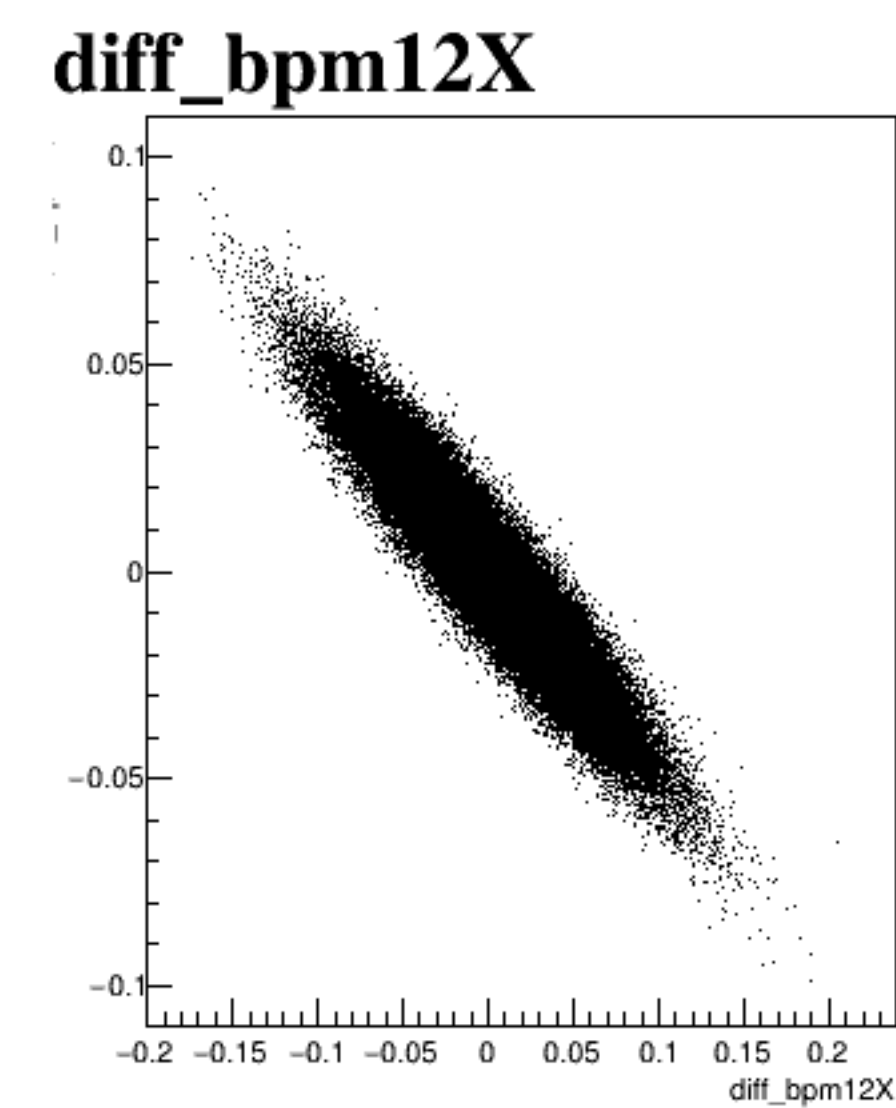
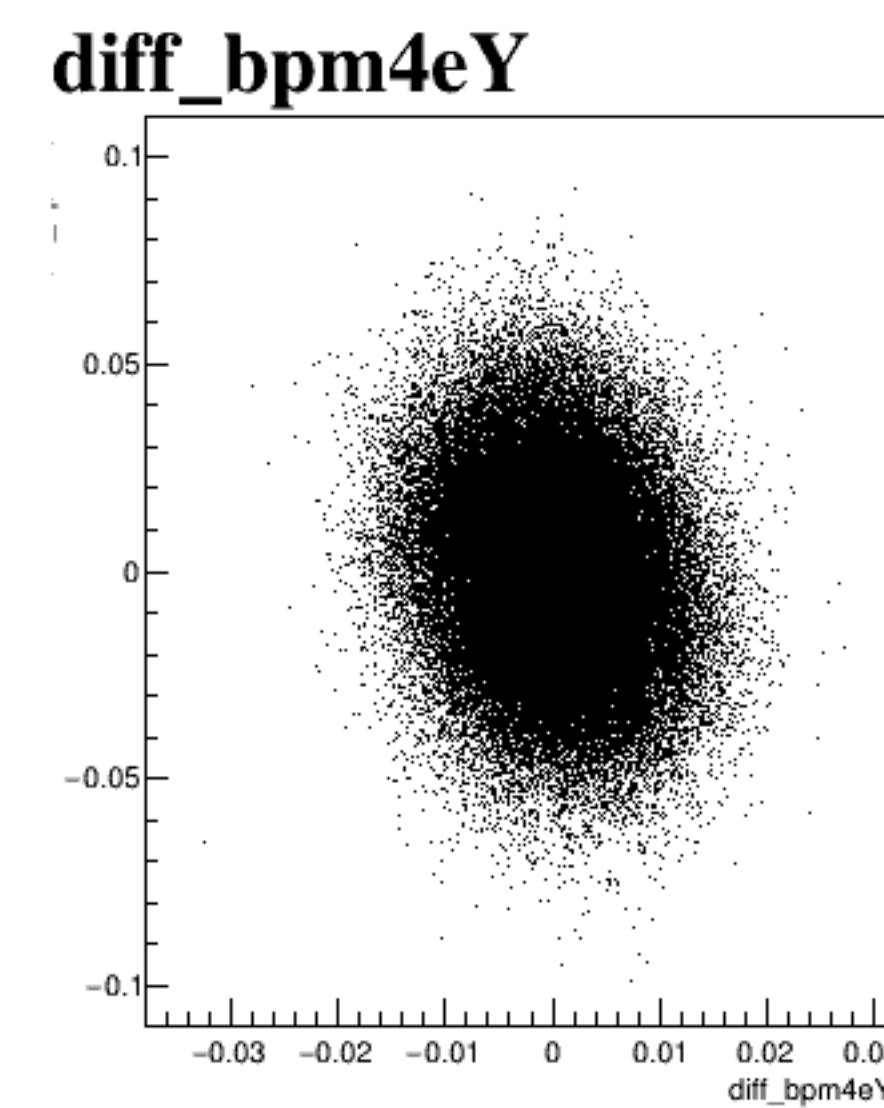
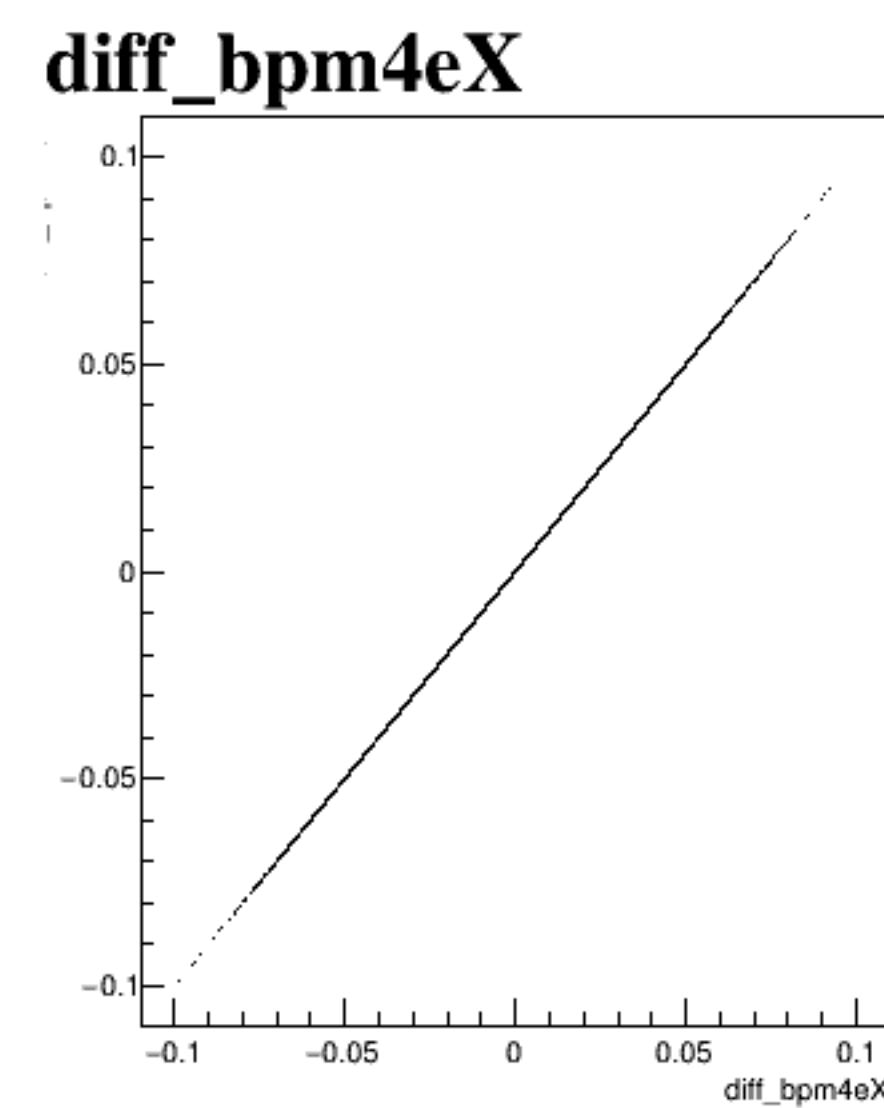
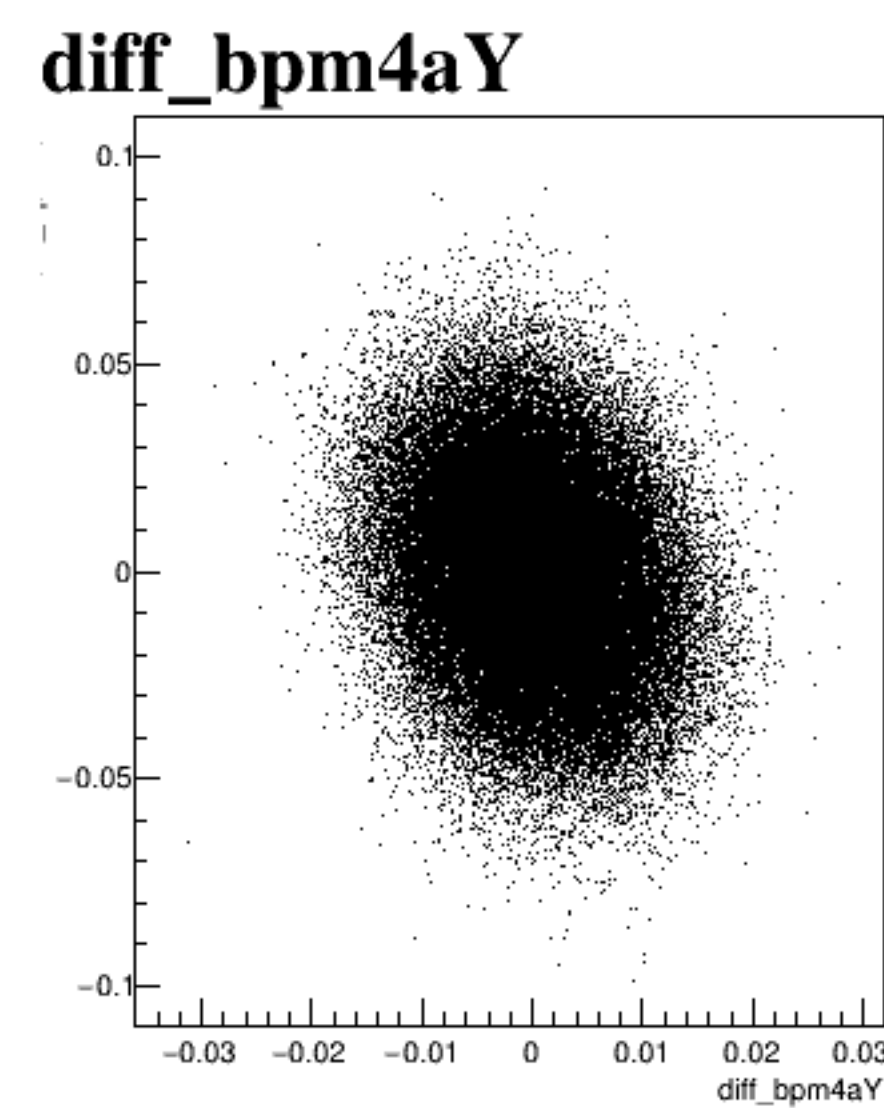
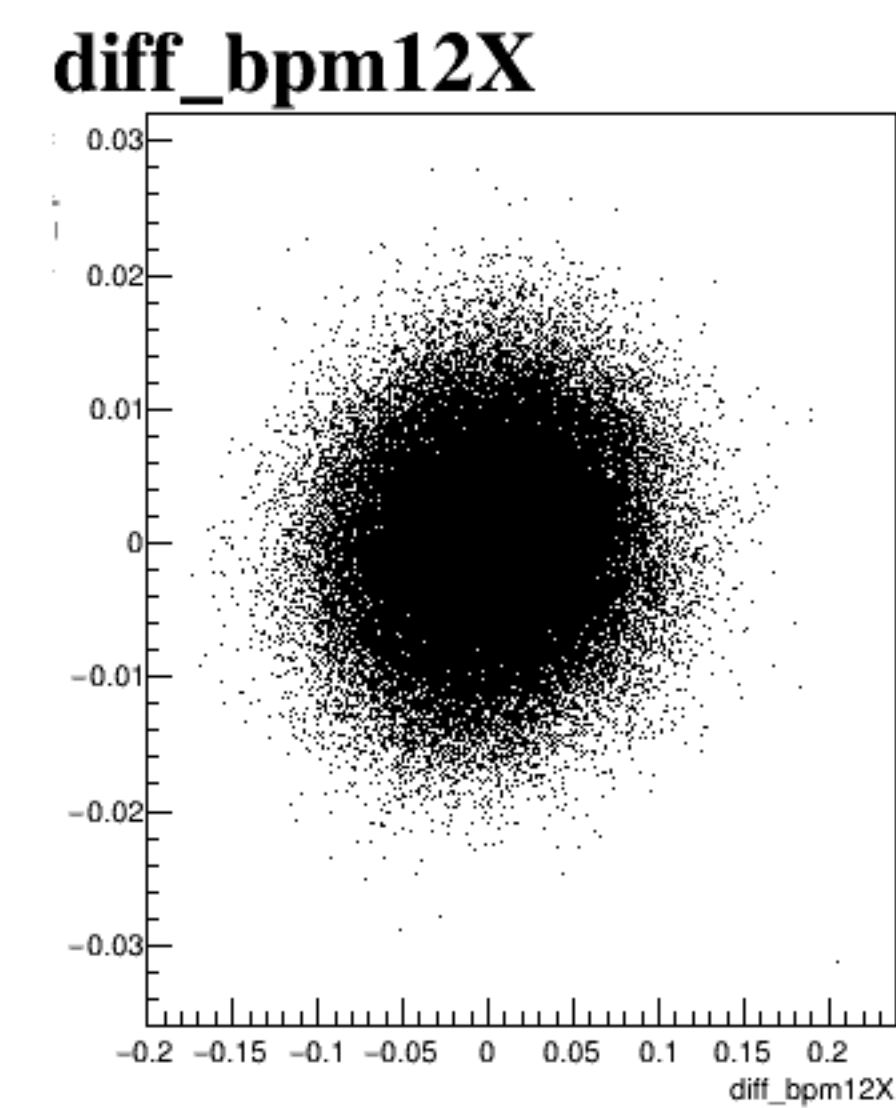
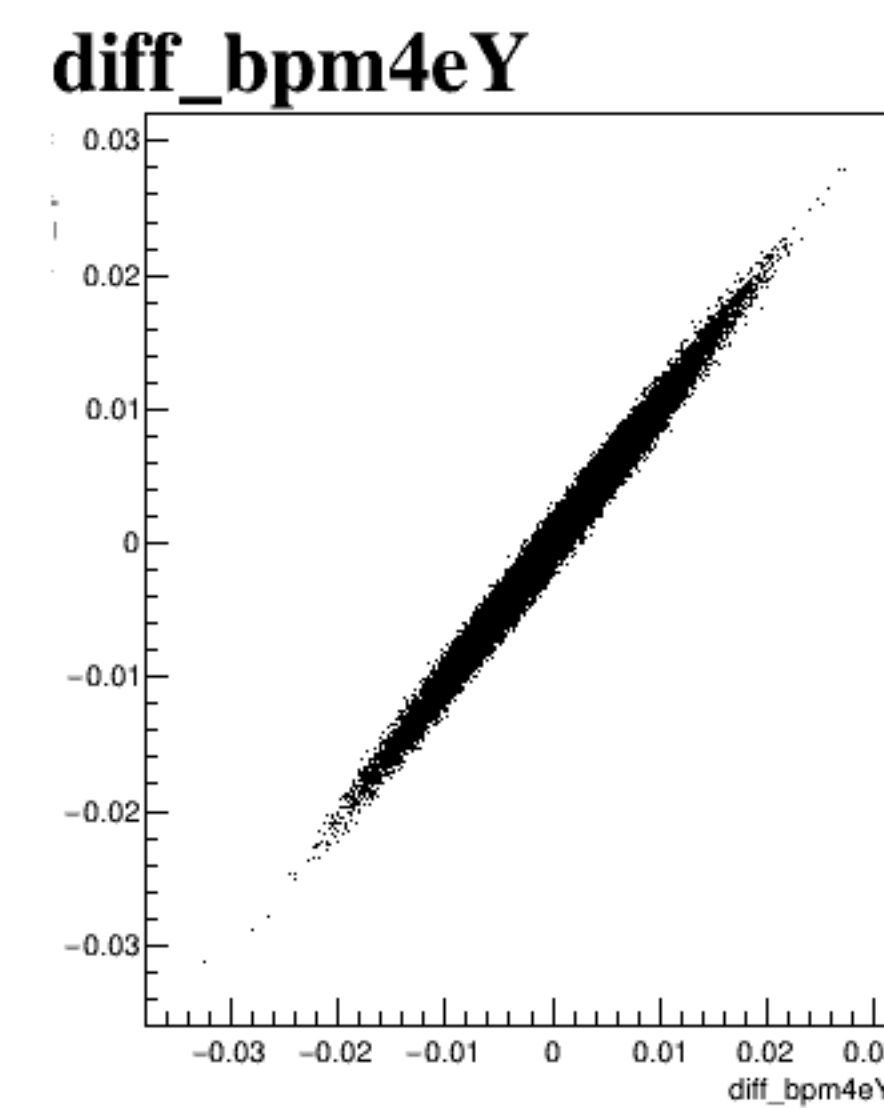
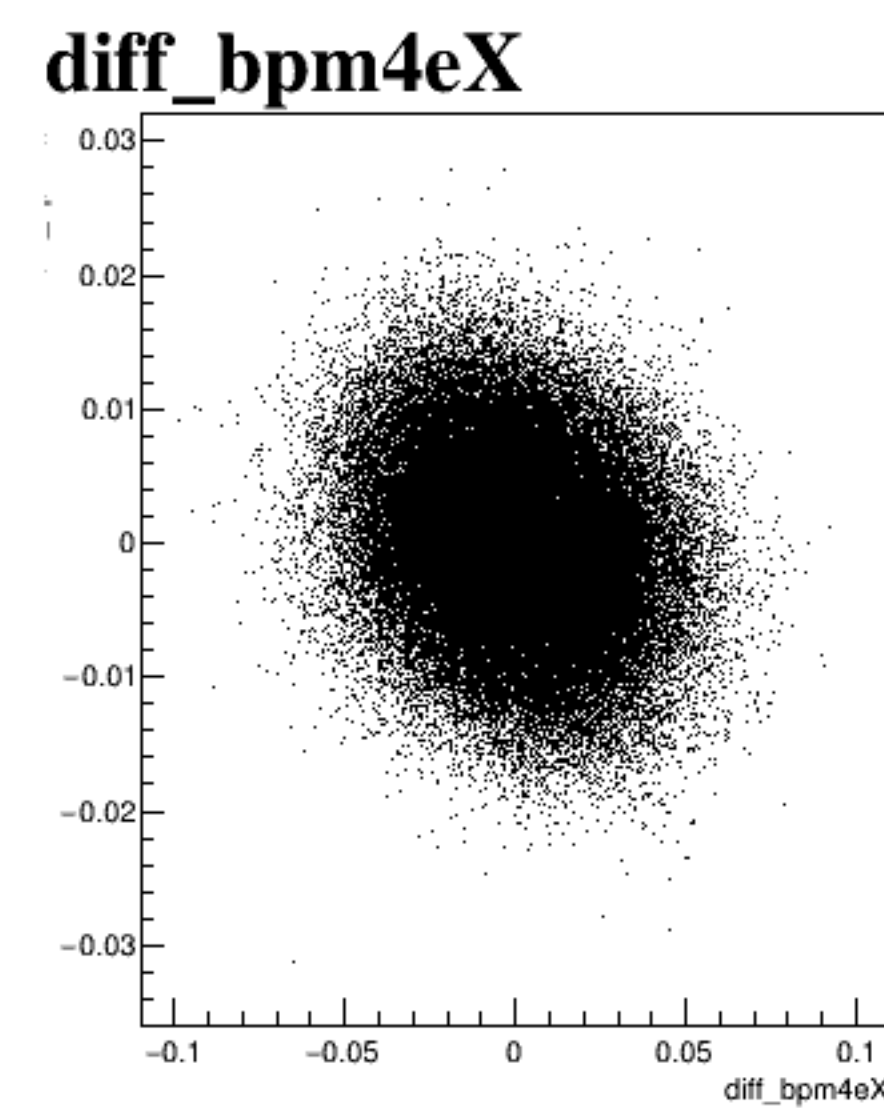
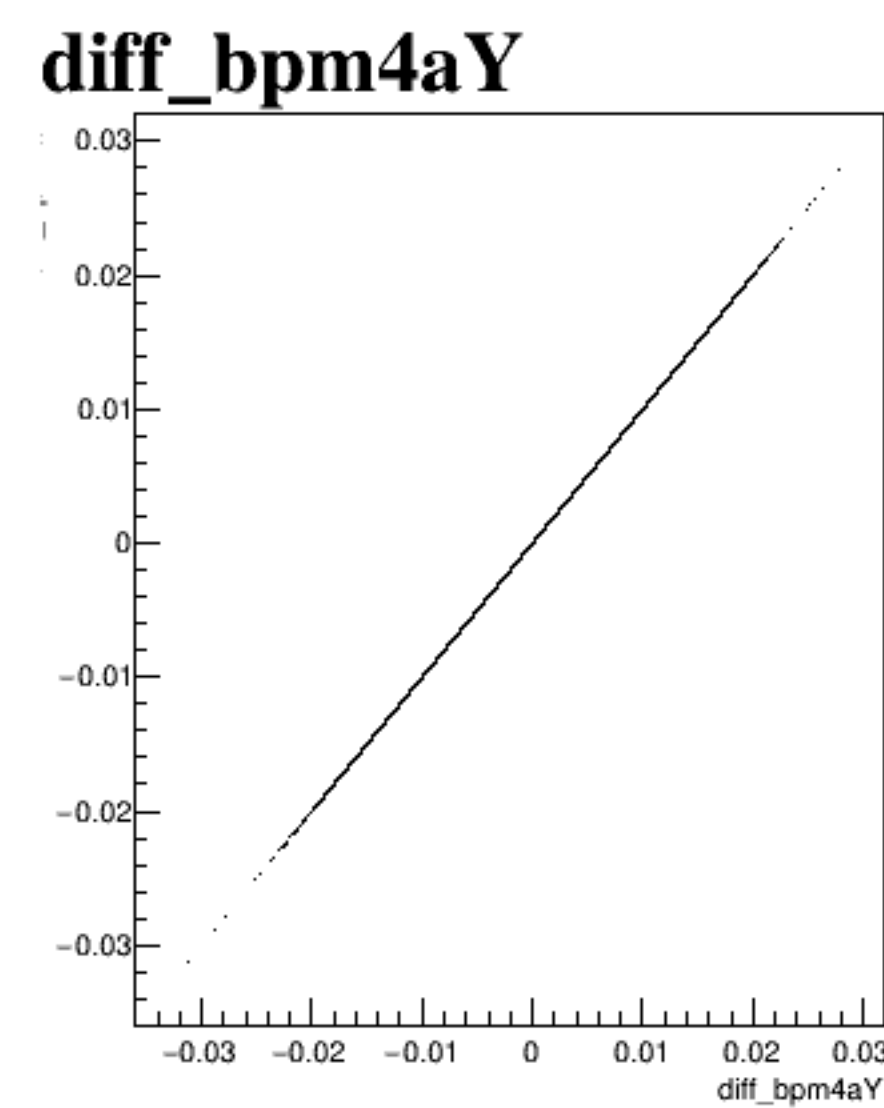
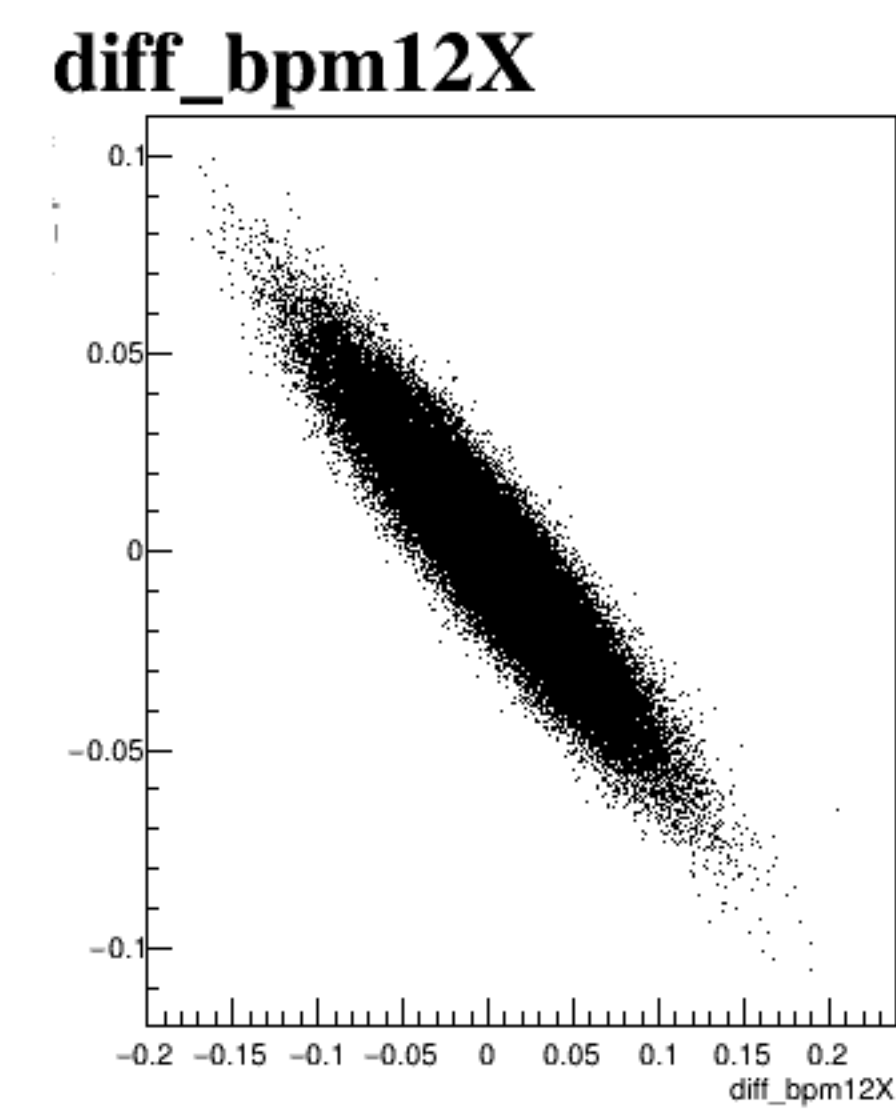
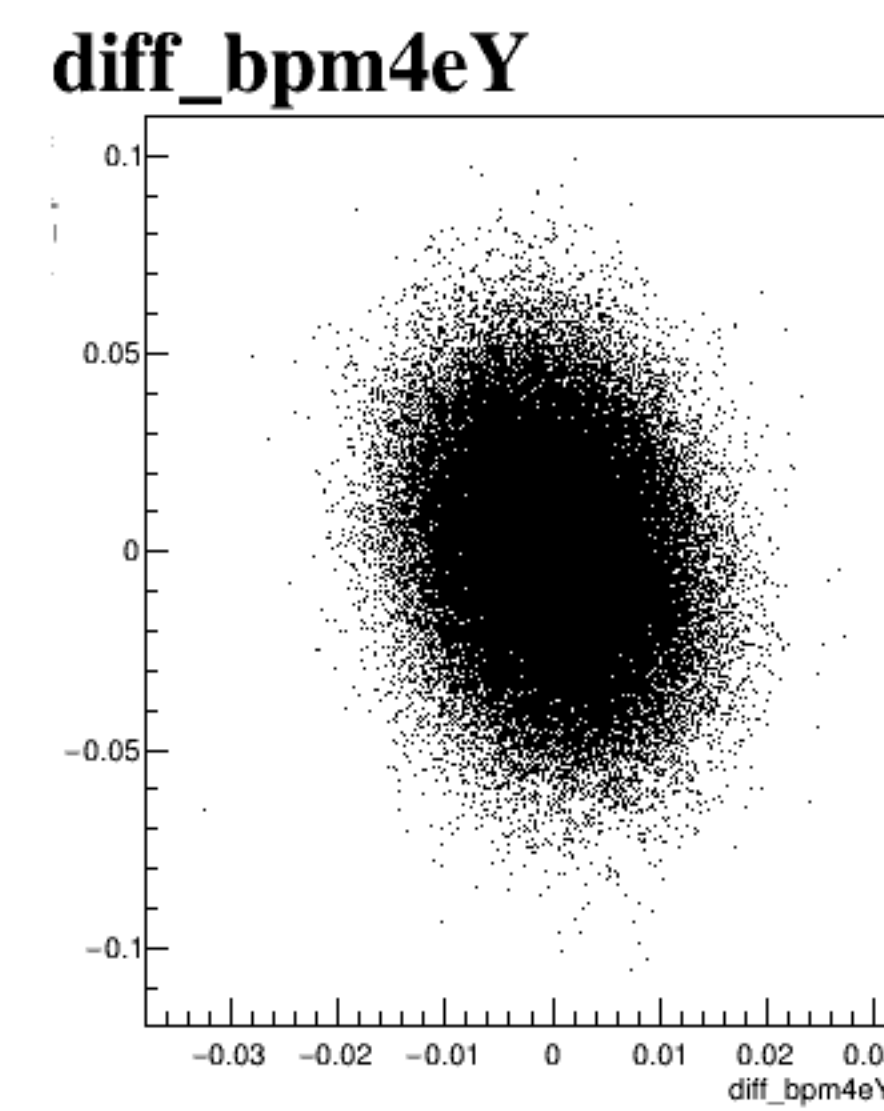
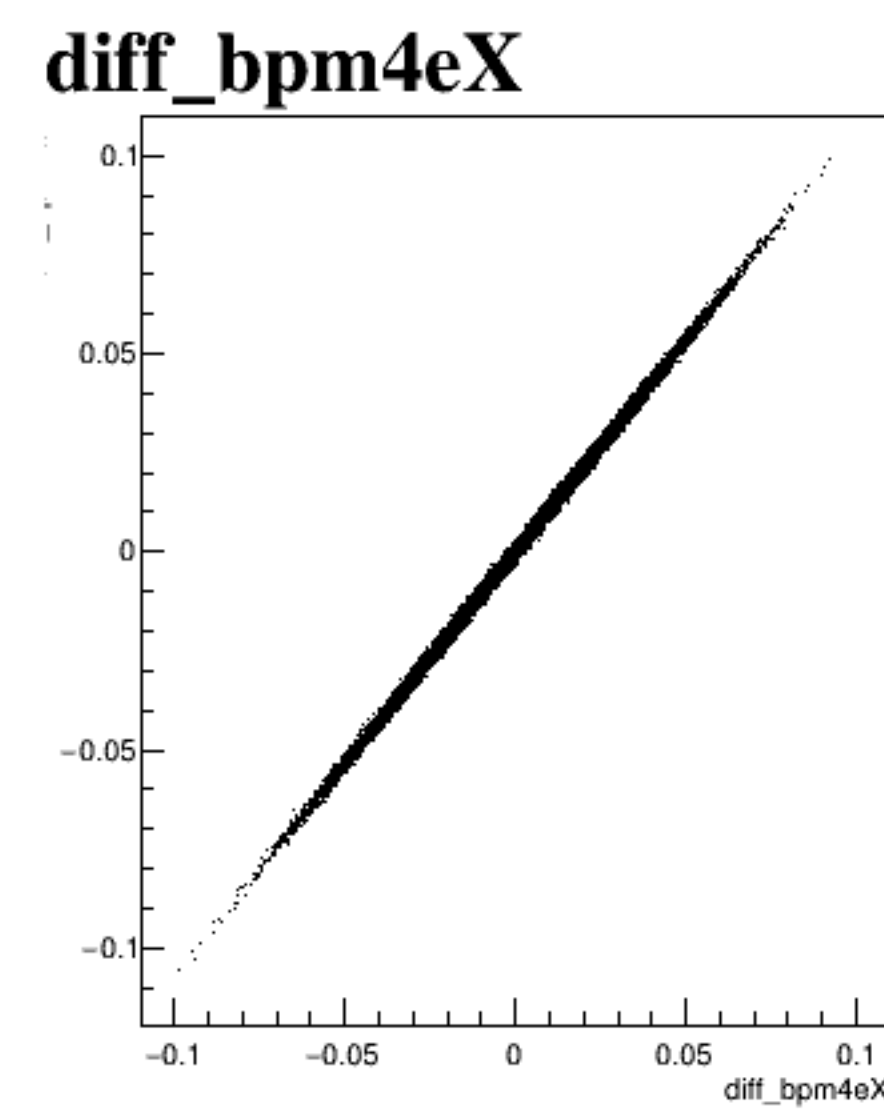
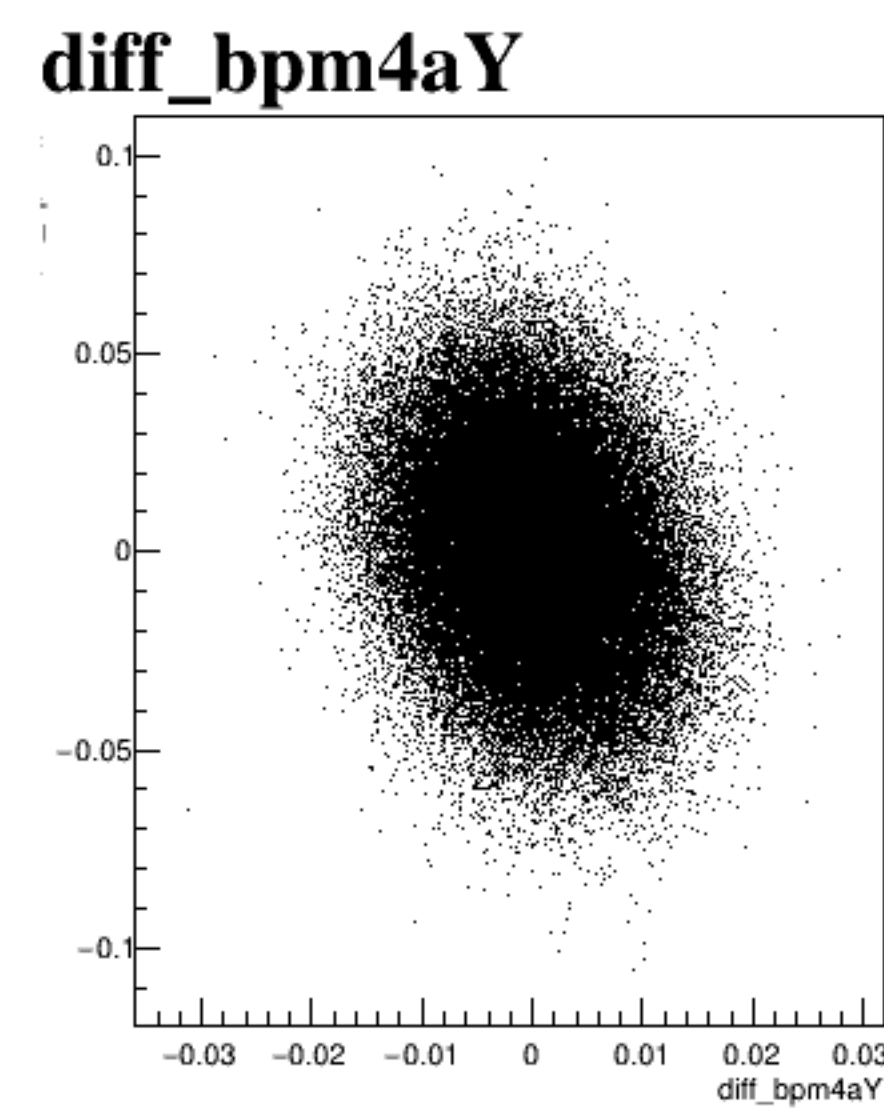


diff_bpm4eY



diff_bpm12X

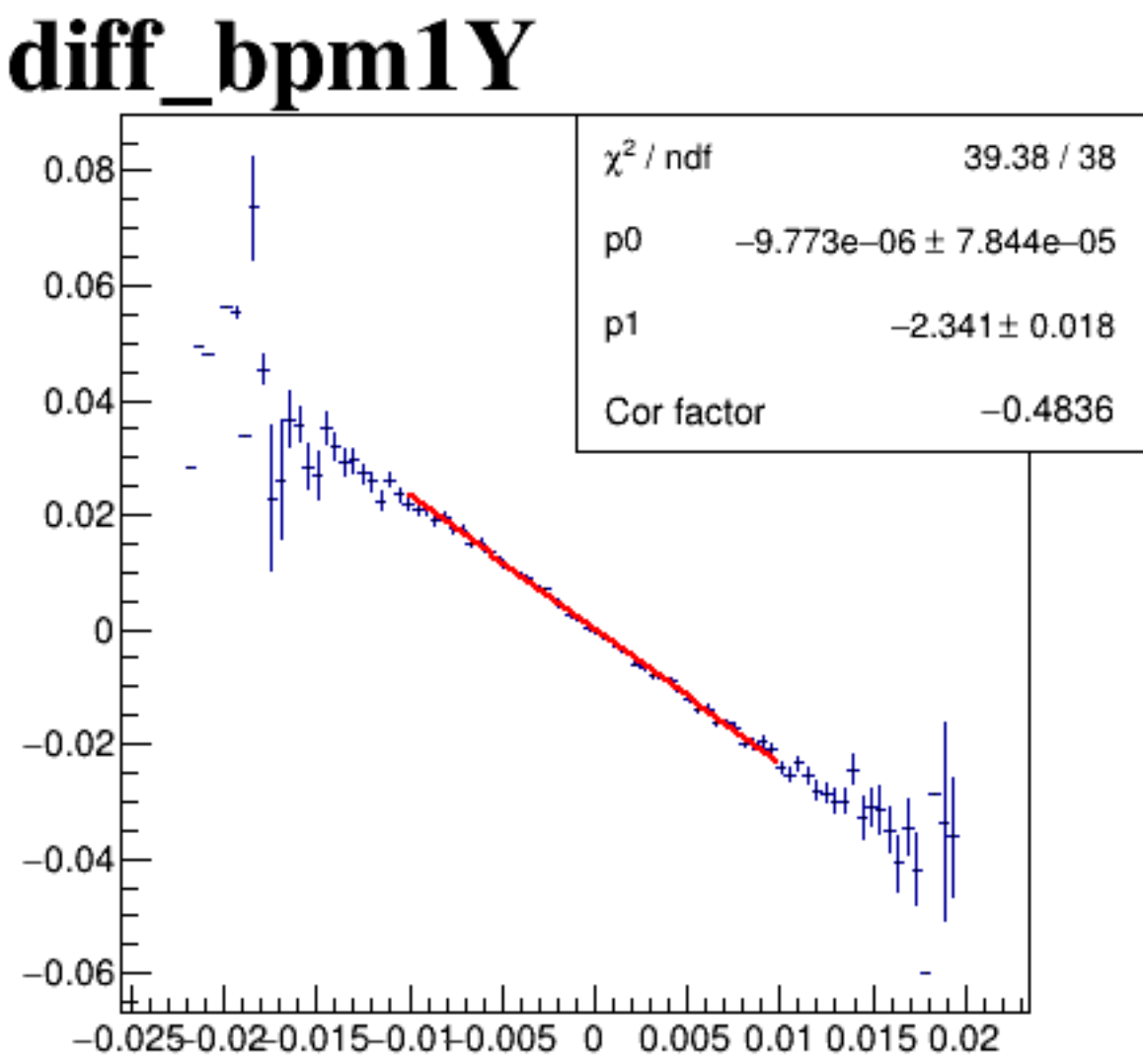
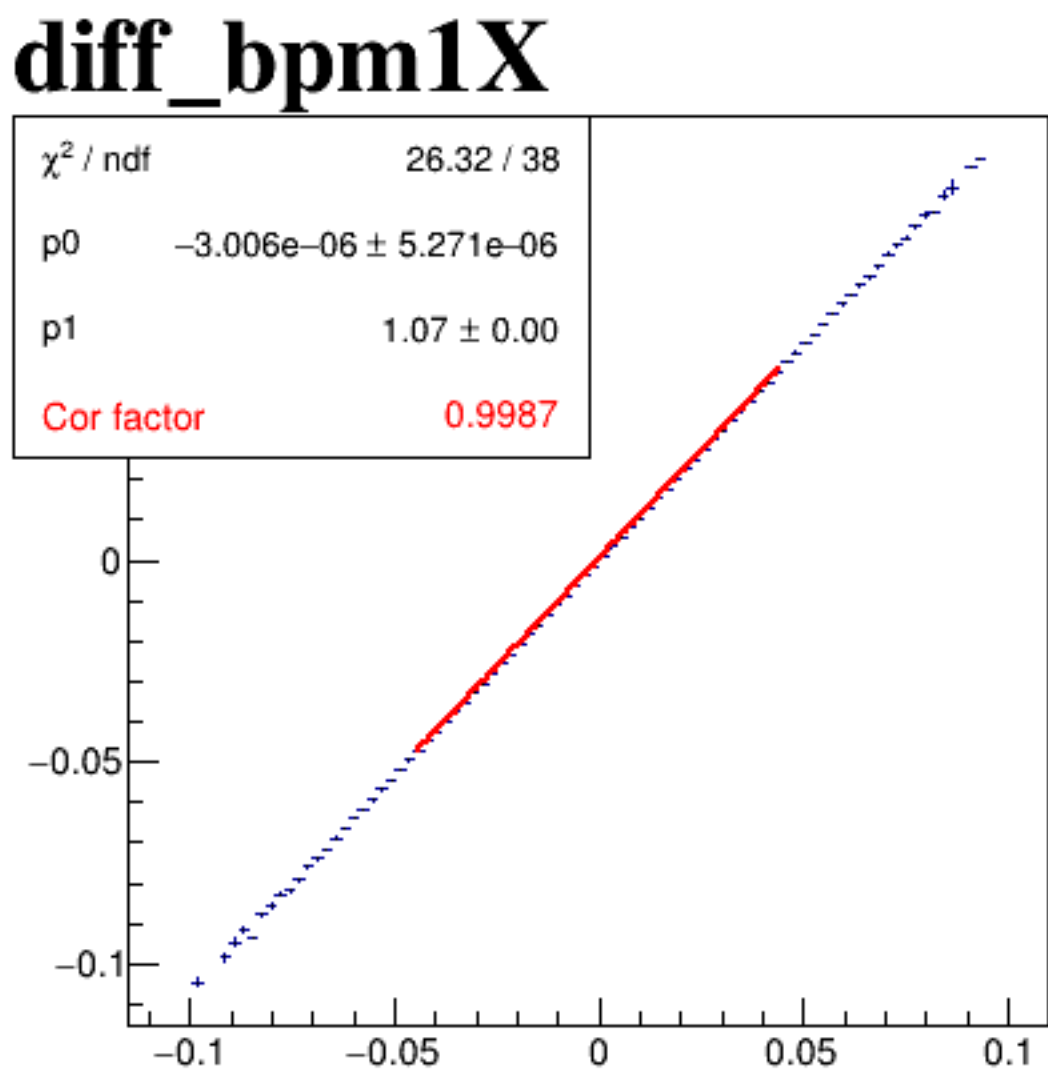
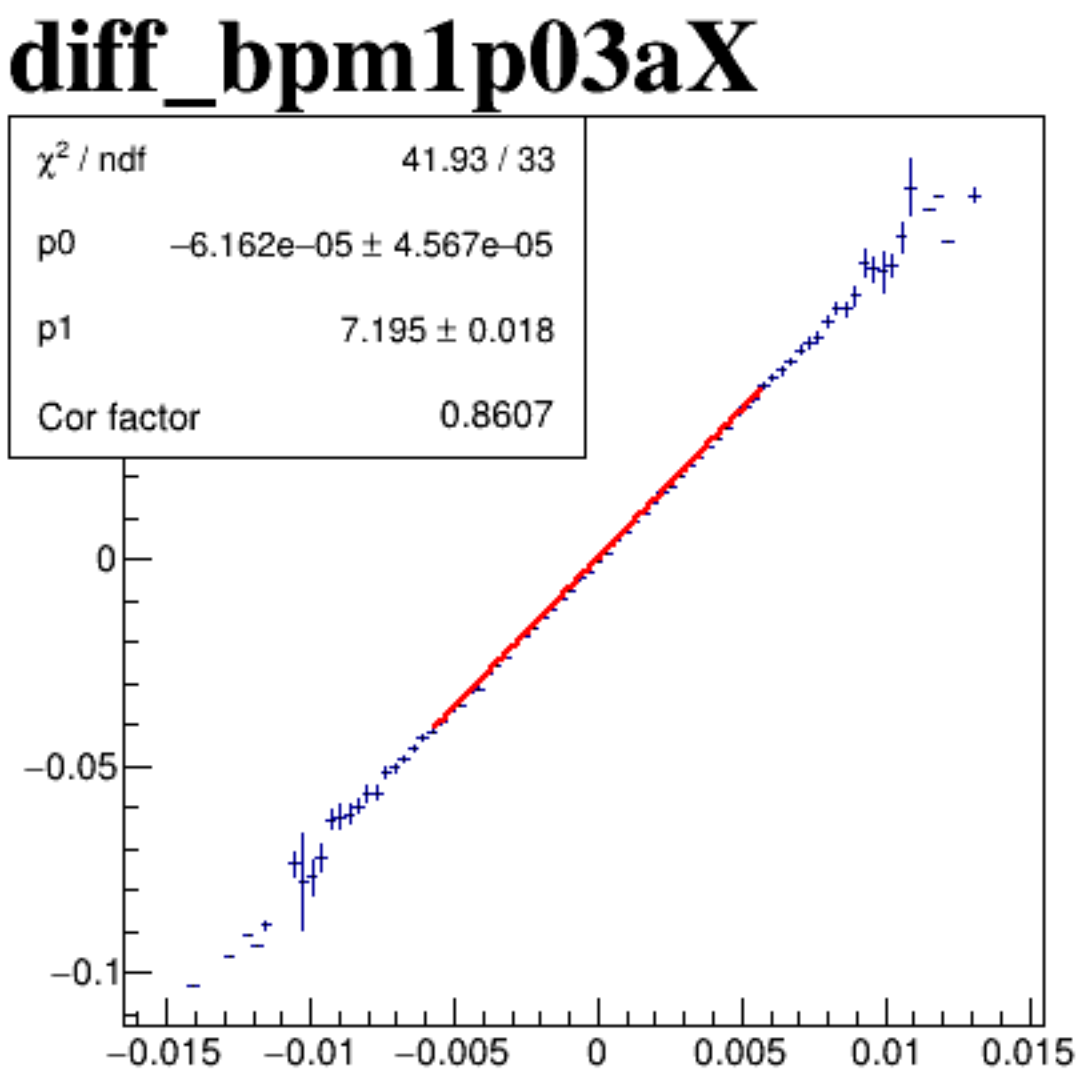
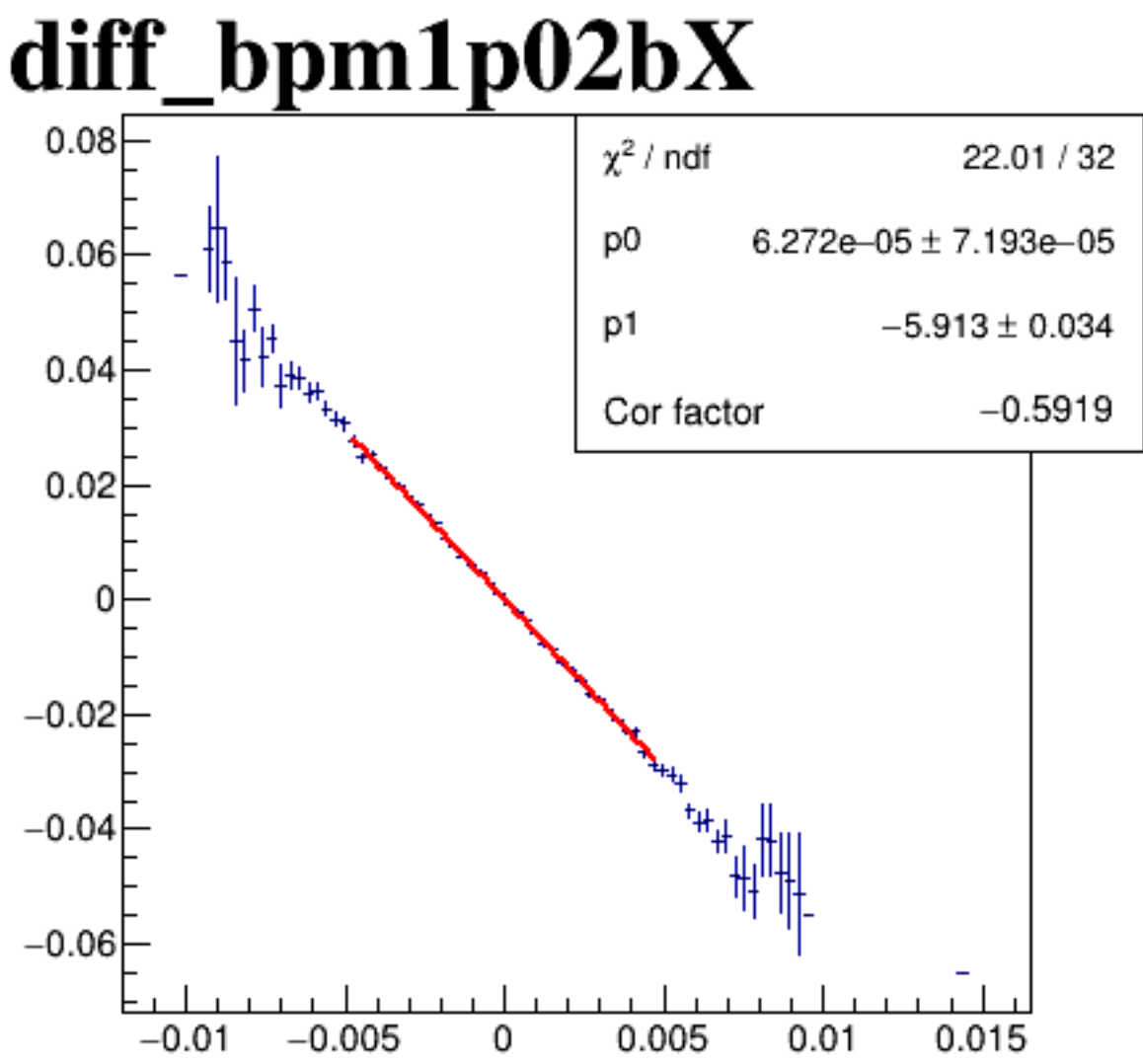




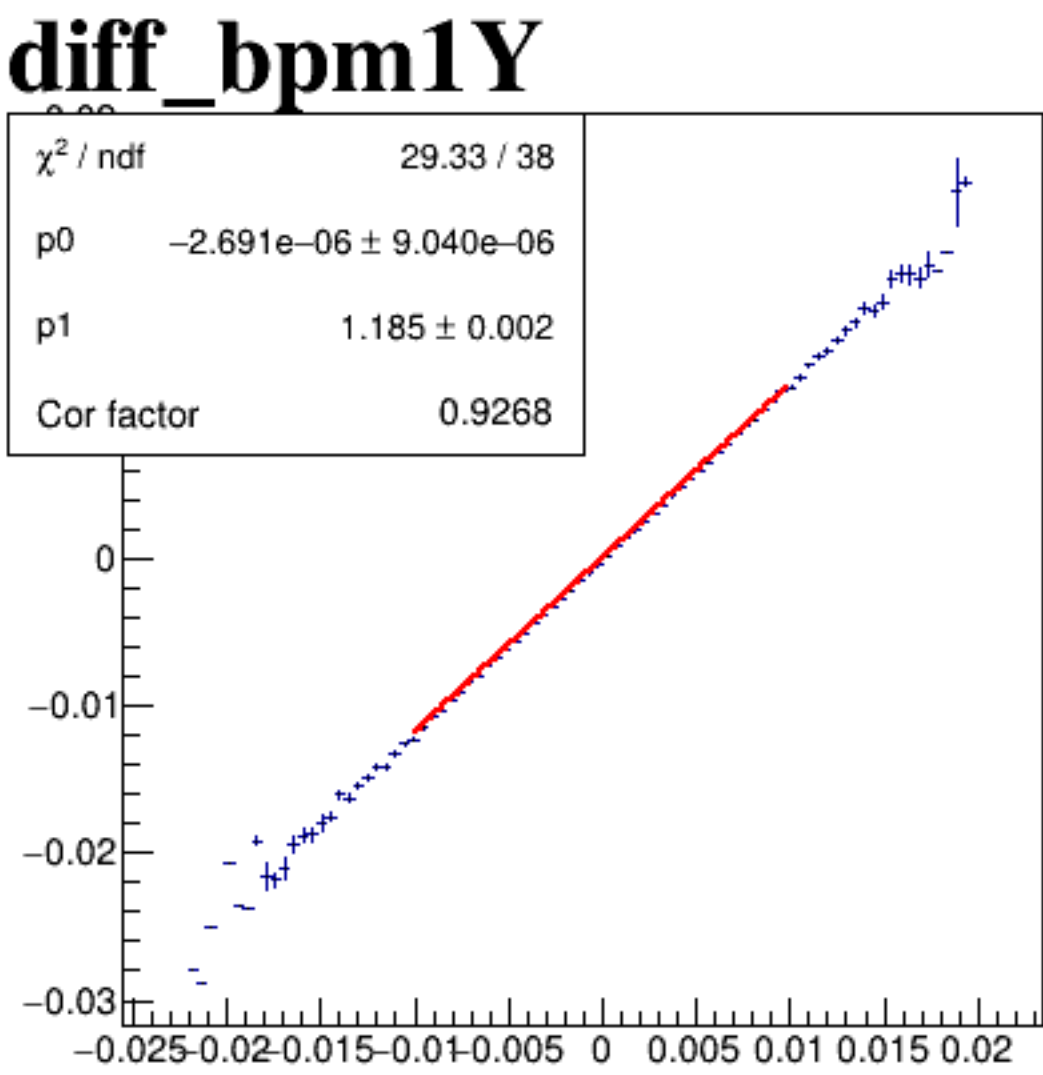
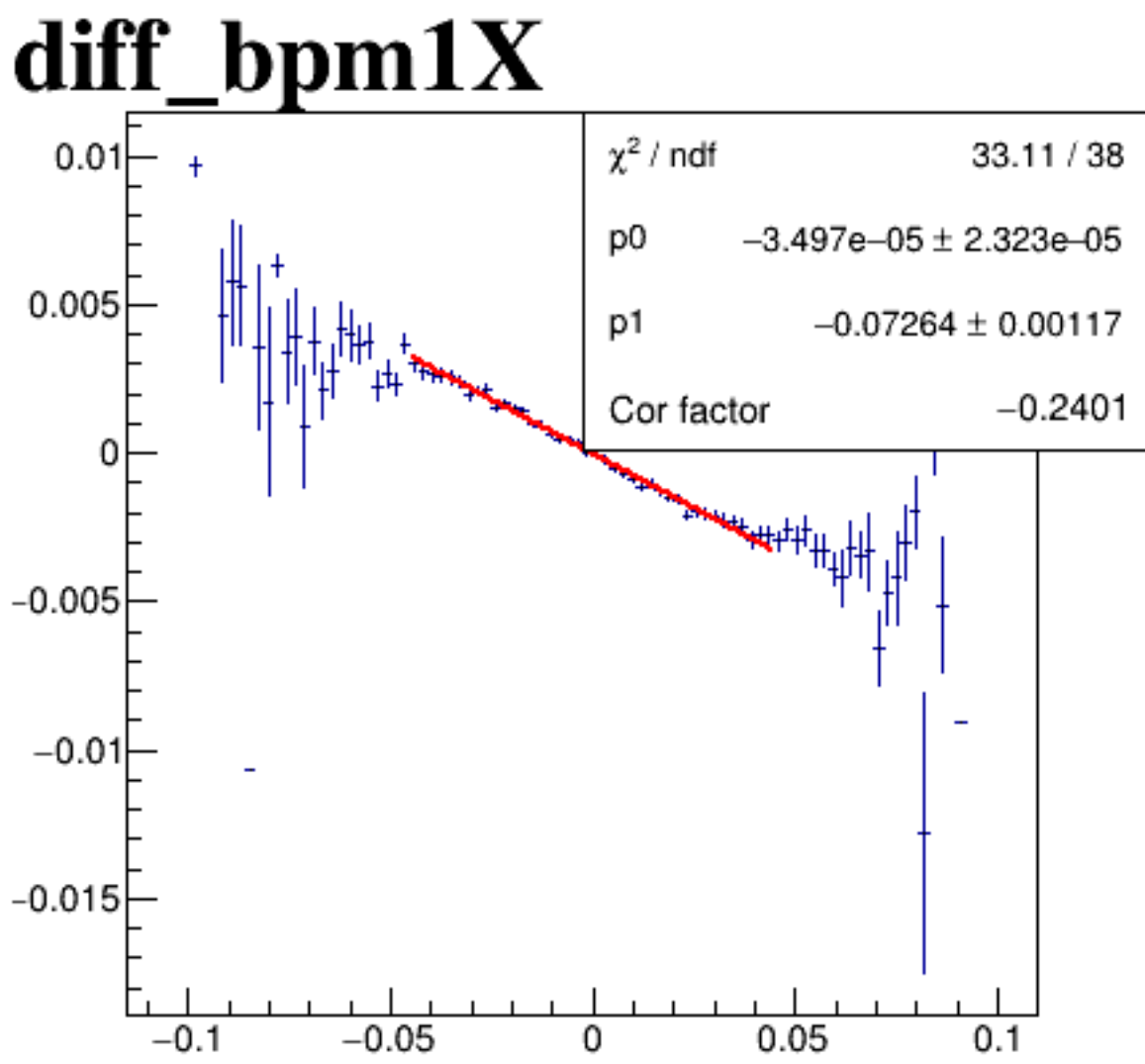
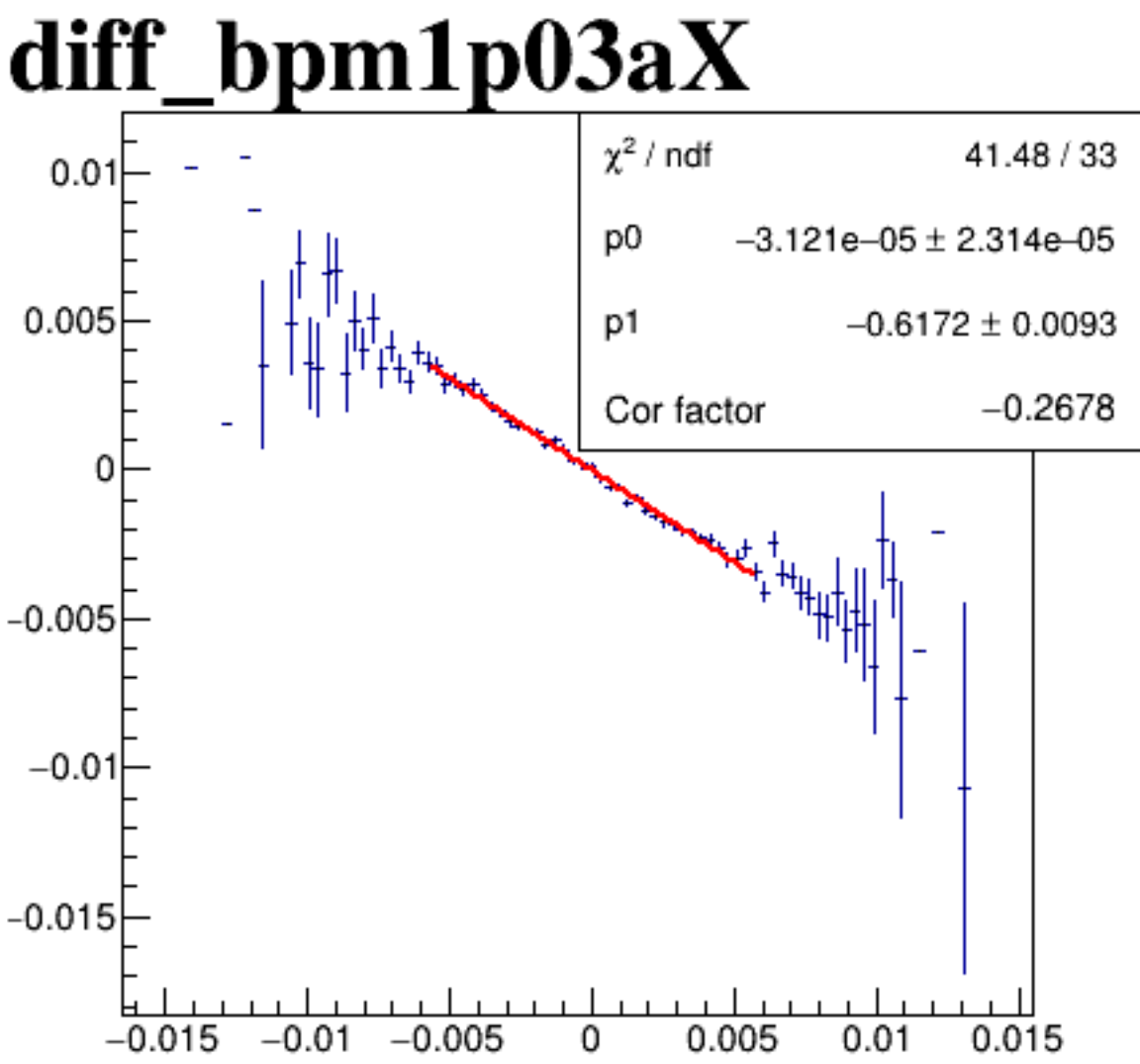
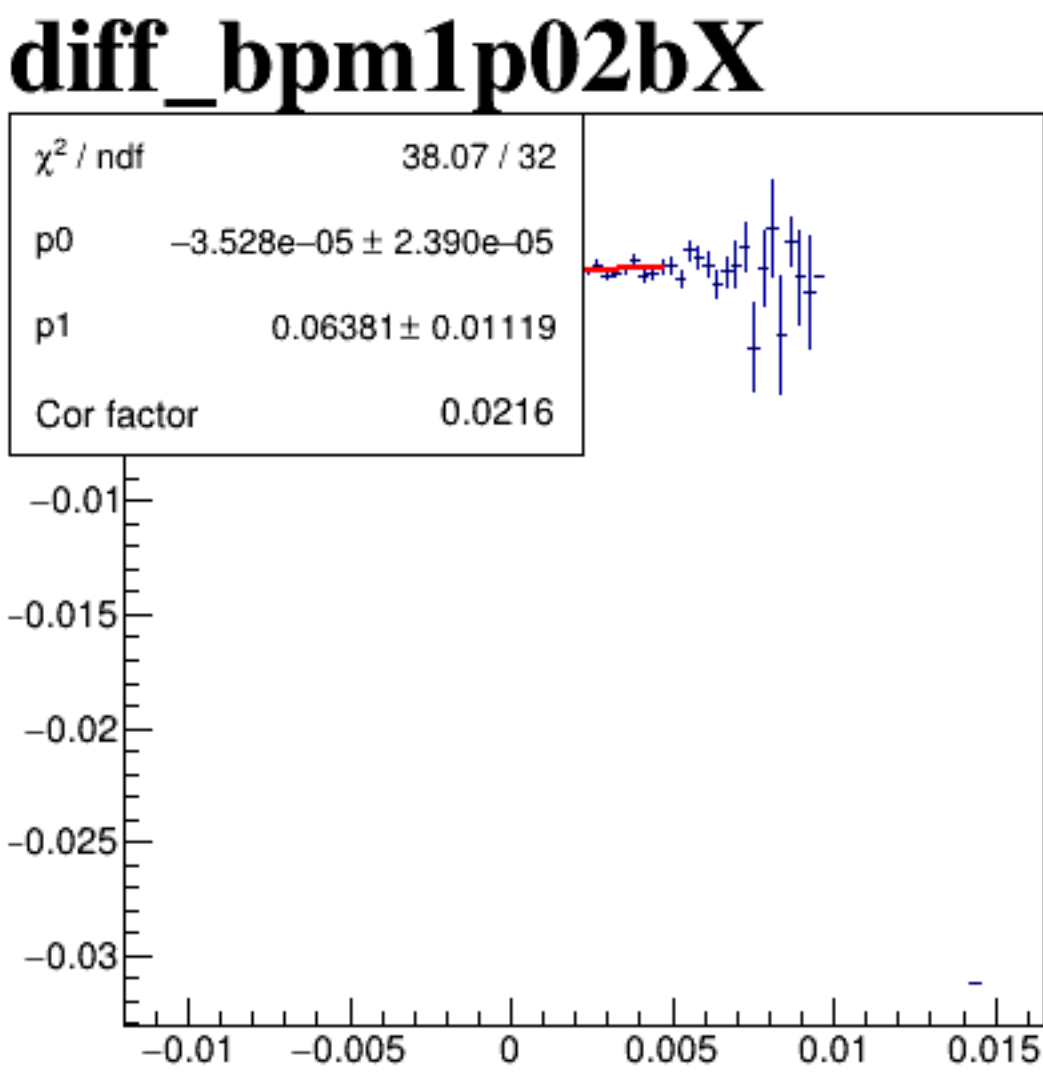
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run8278_000_diff_bpm_mutual_correlation_COLZ_upstream.png

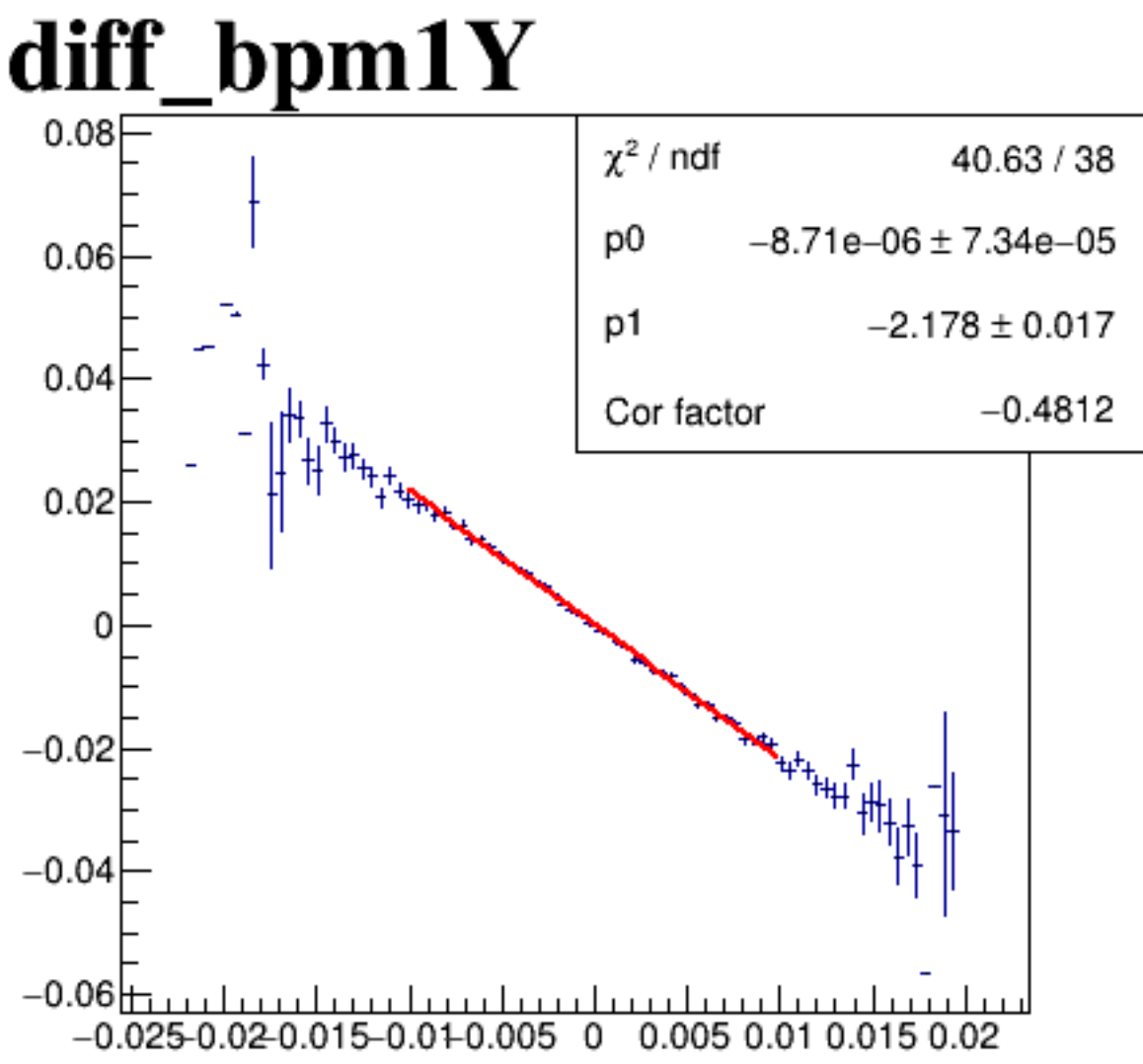
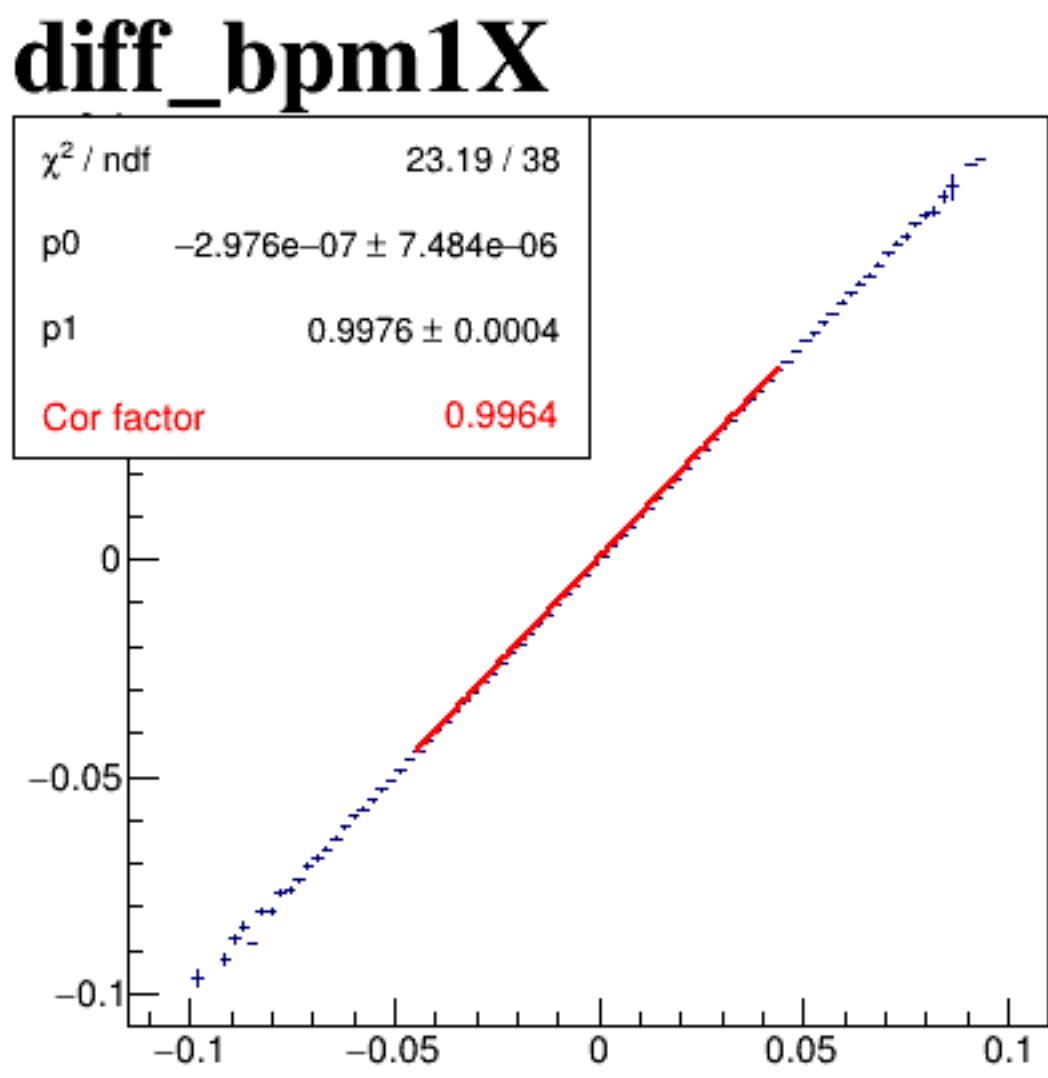
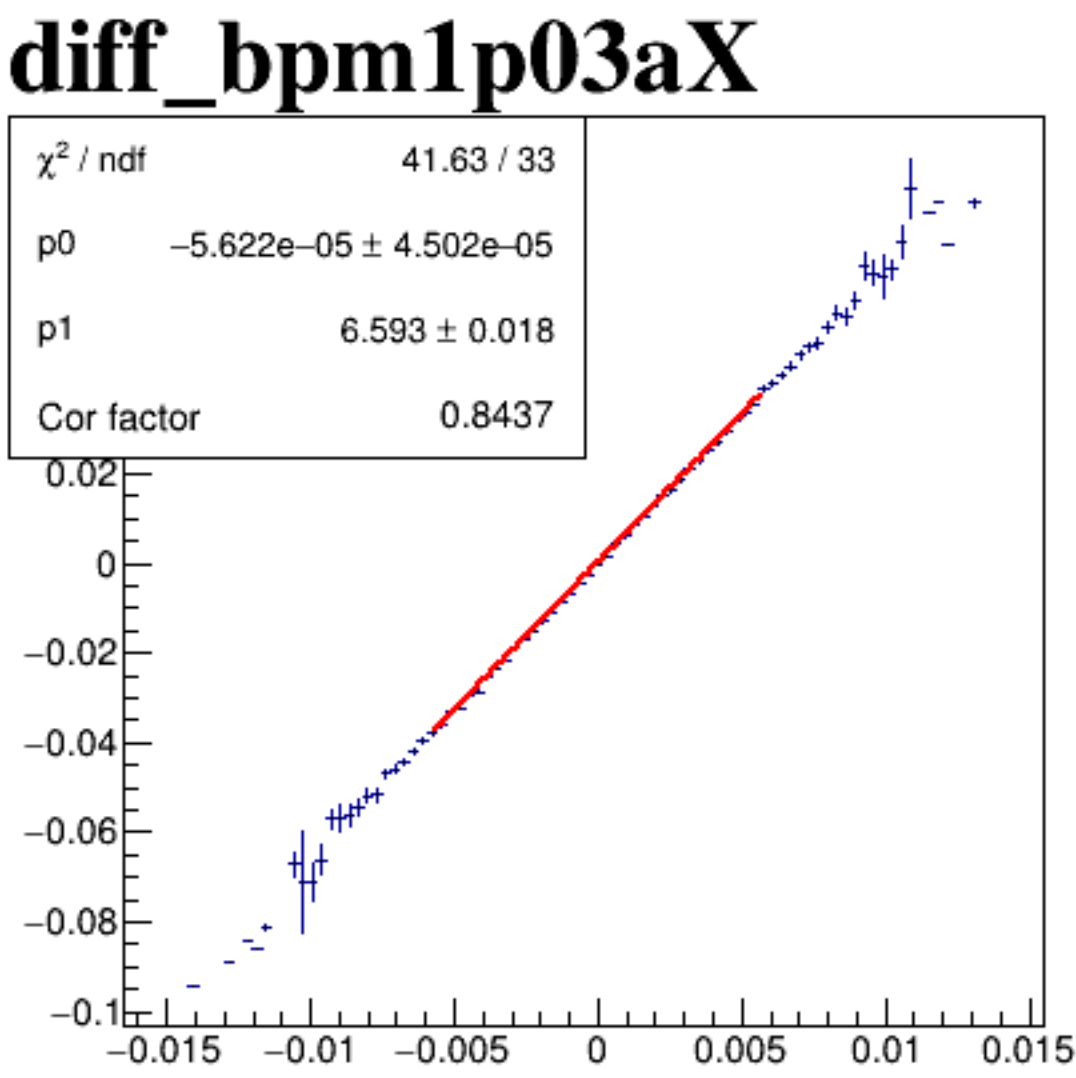
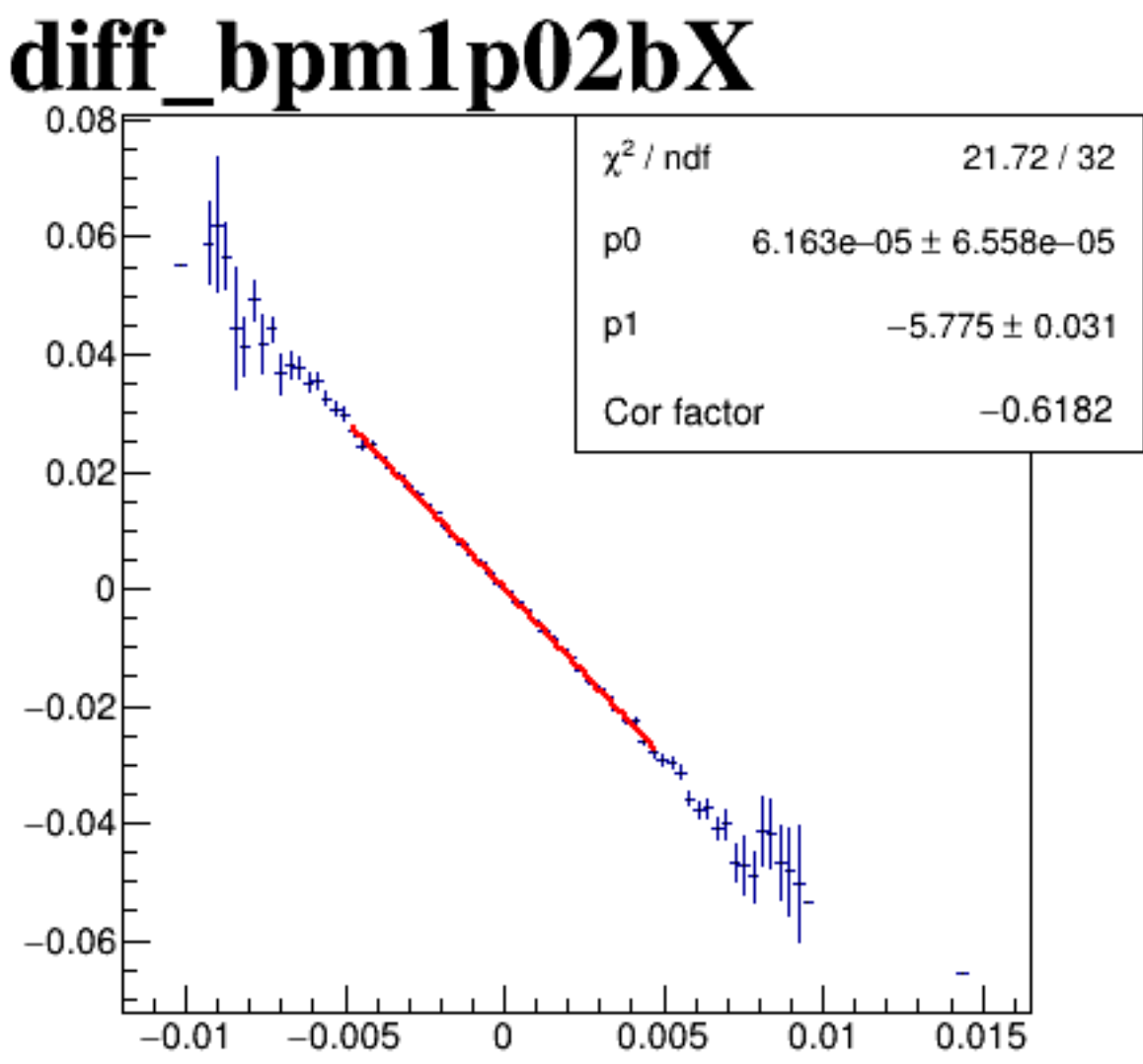
diff_bpm4aX



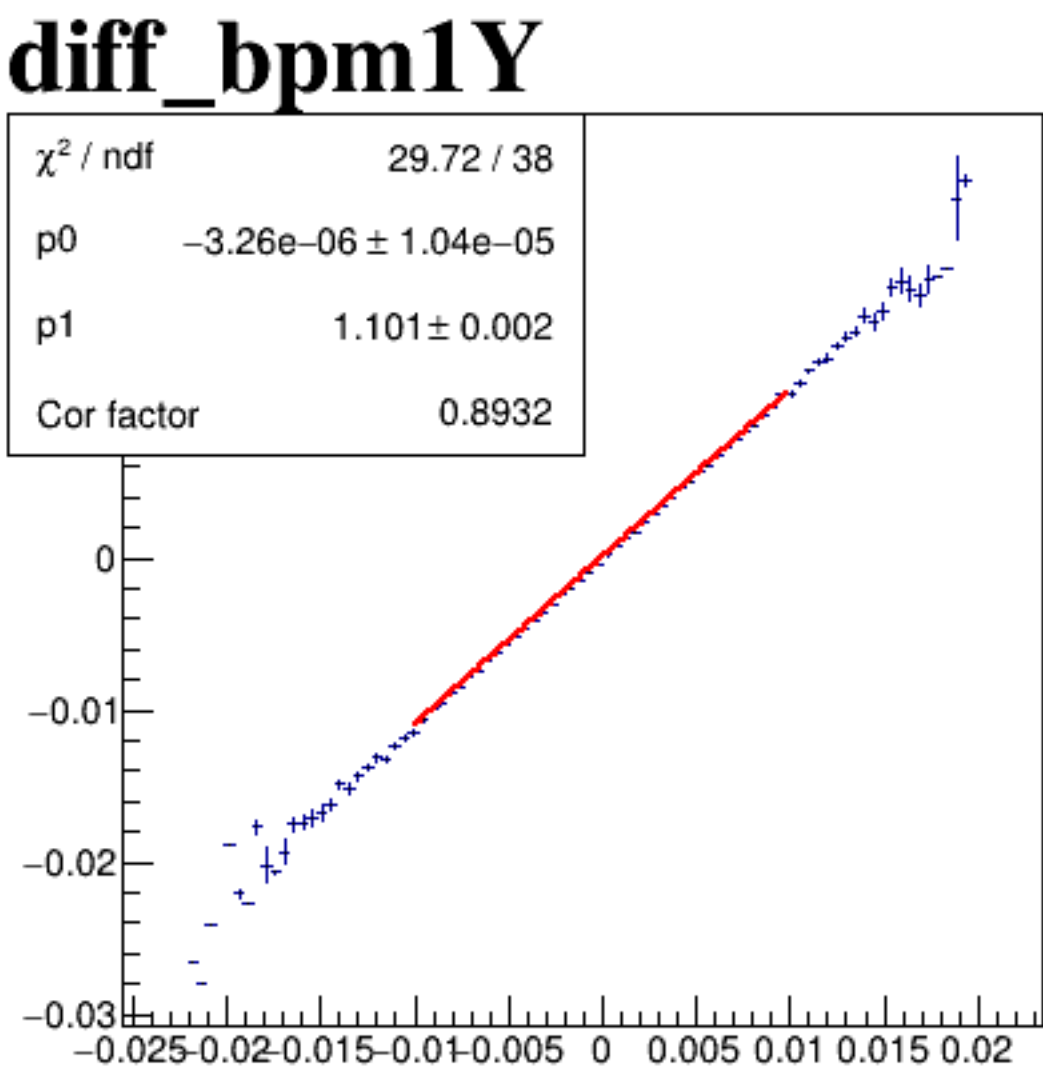
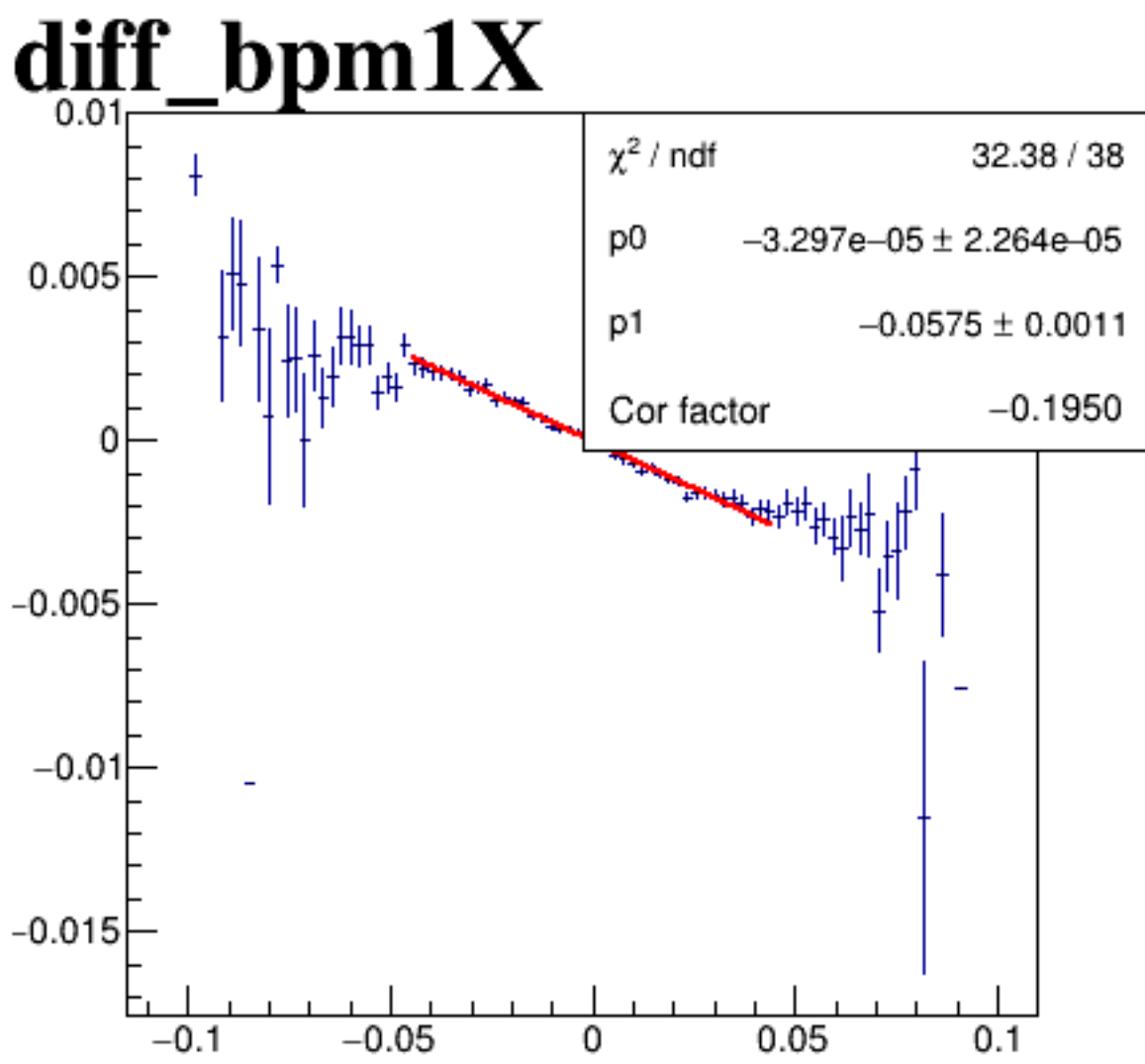
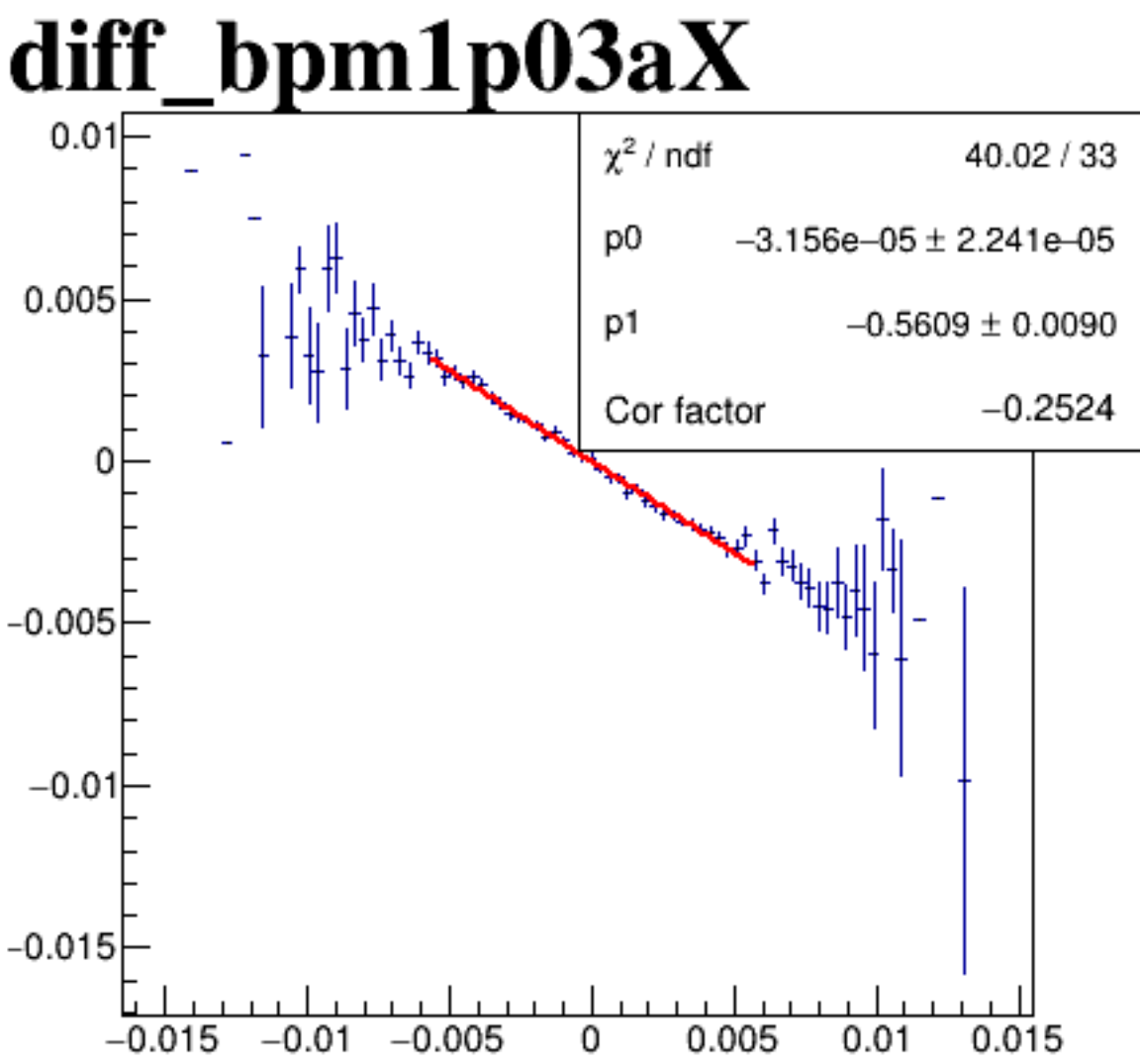
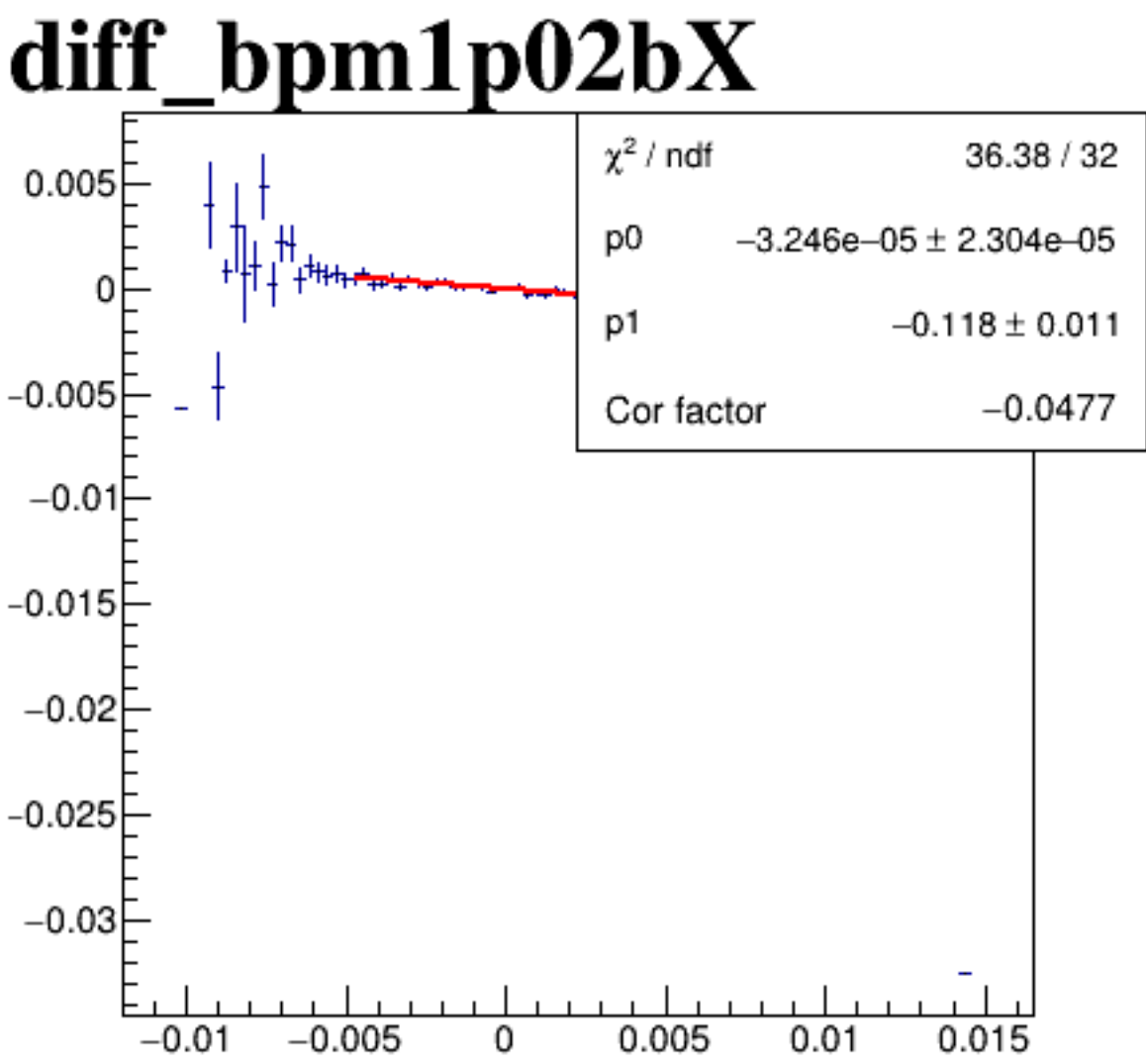
diff_bpm4aY



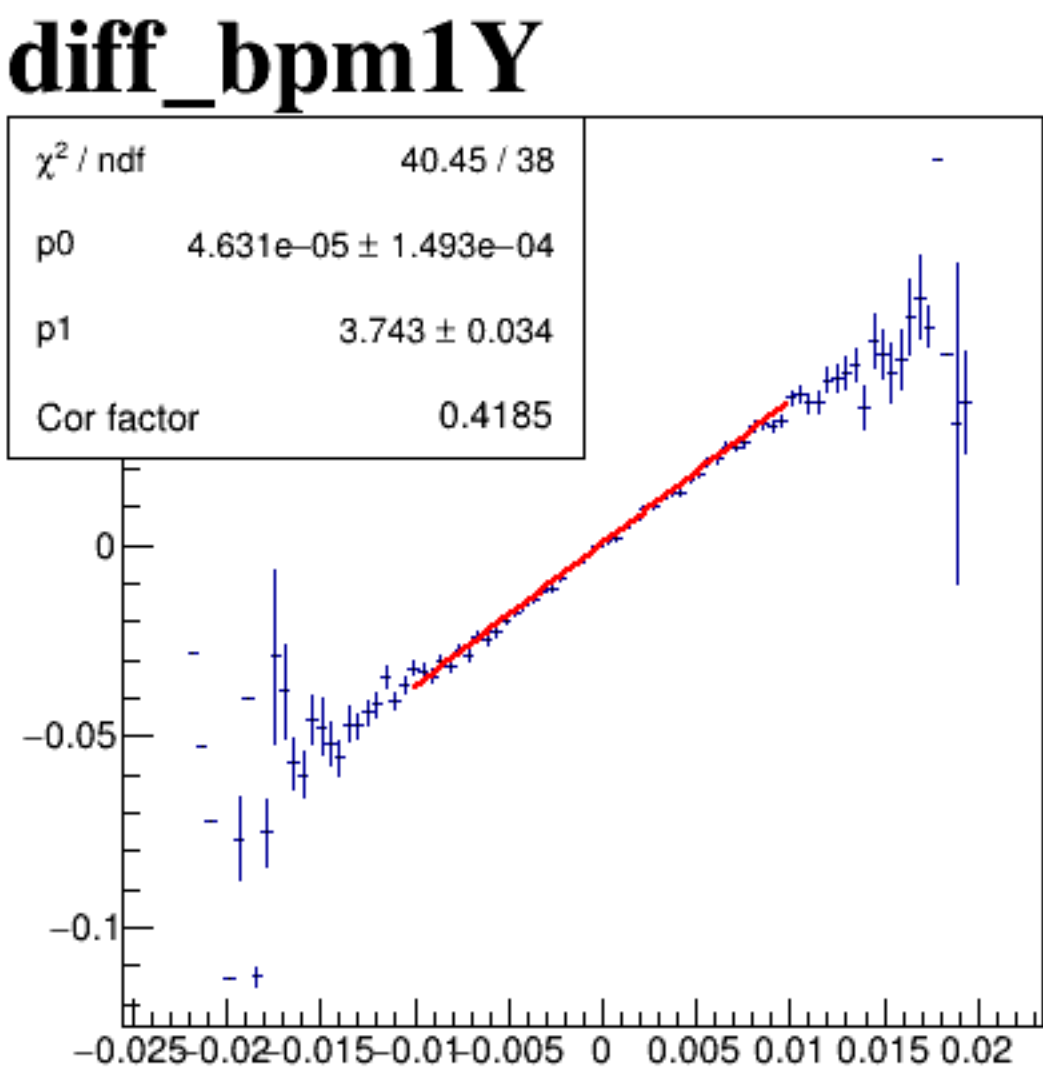
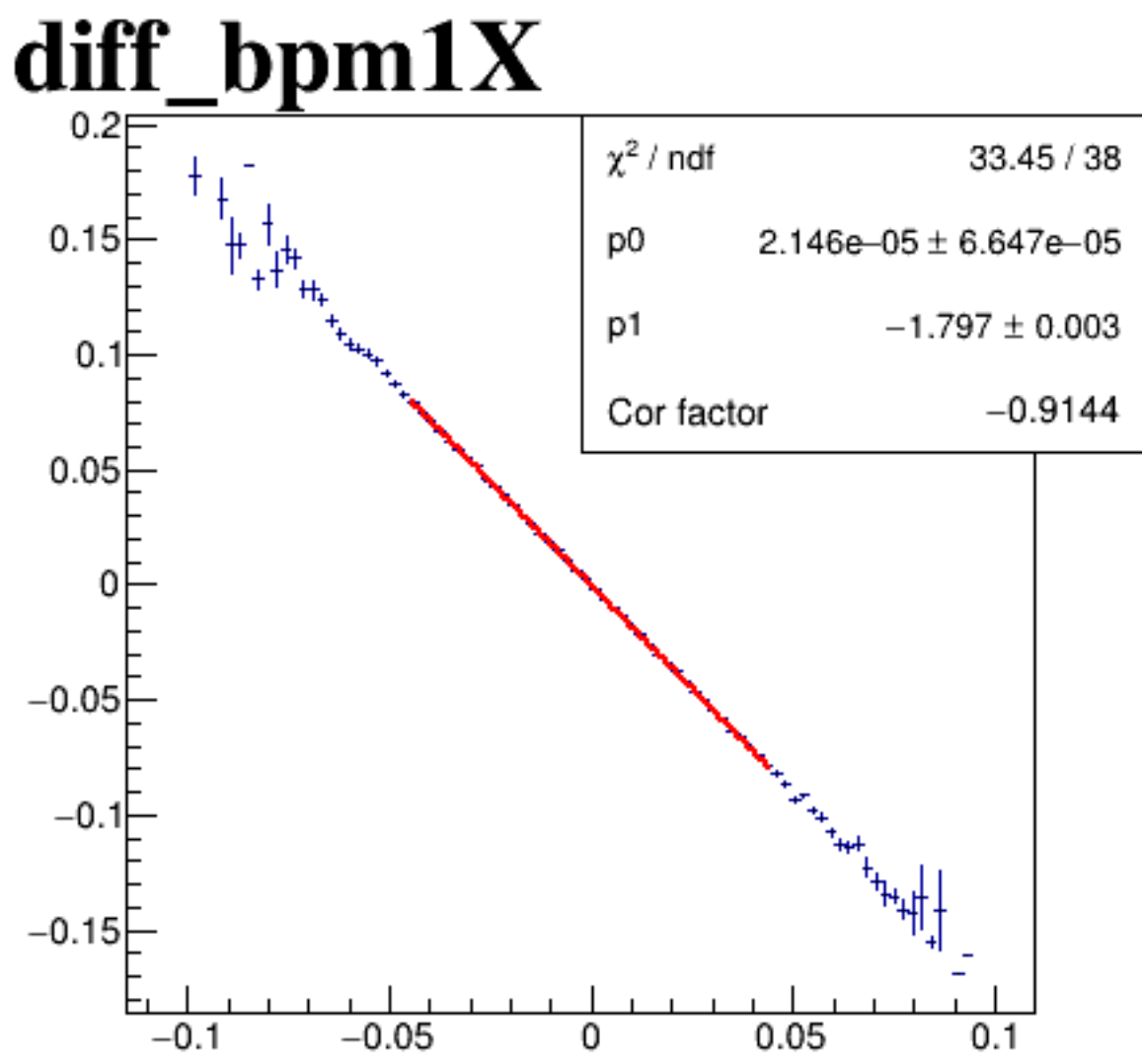
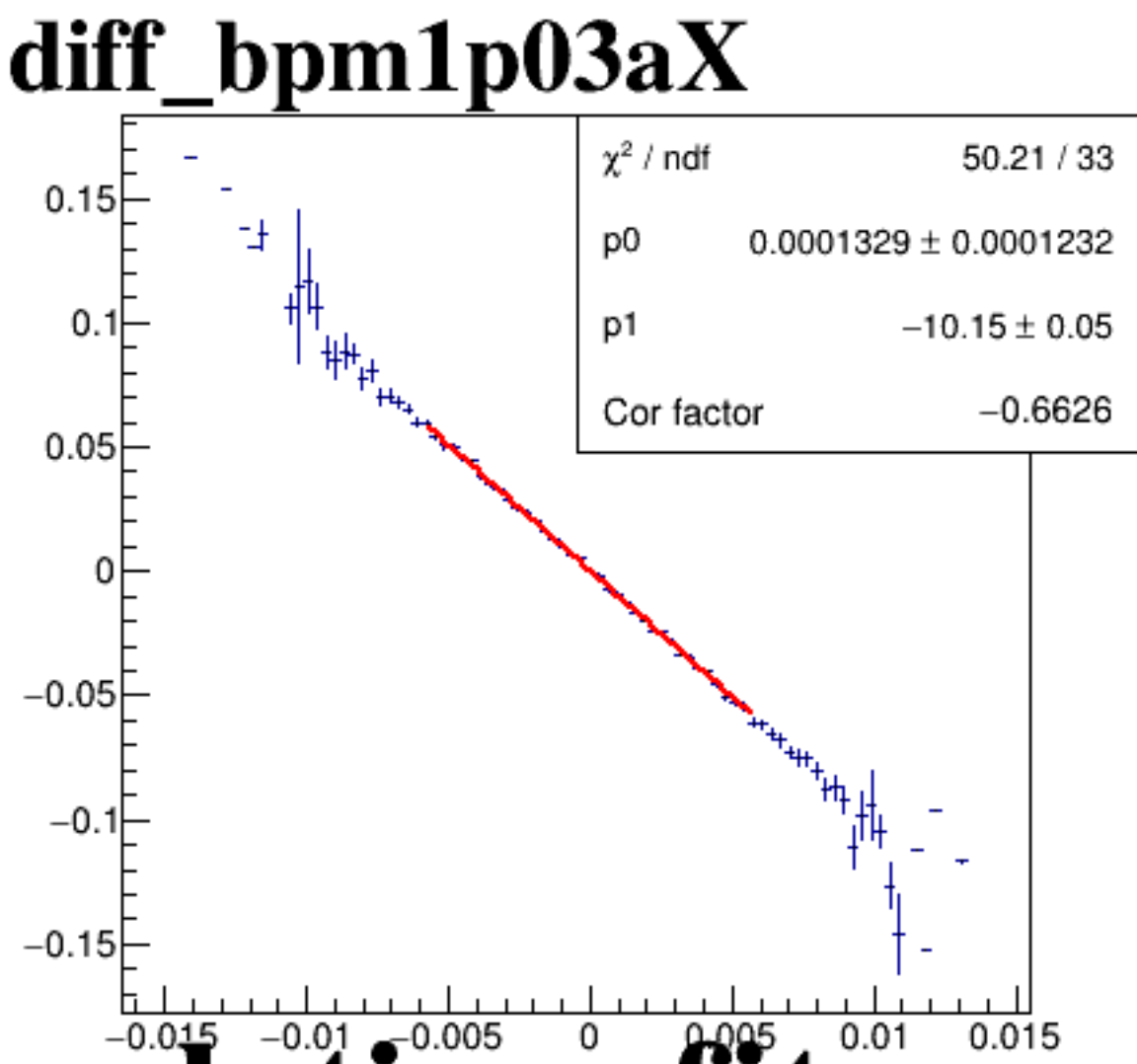
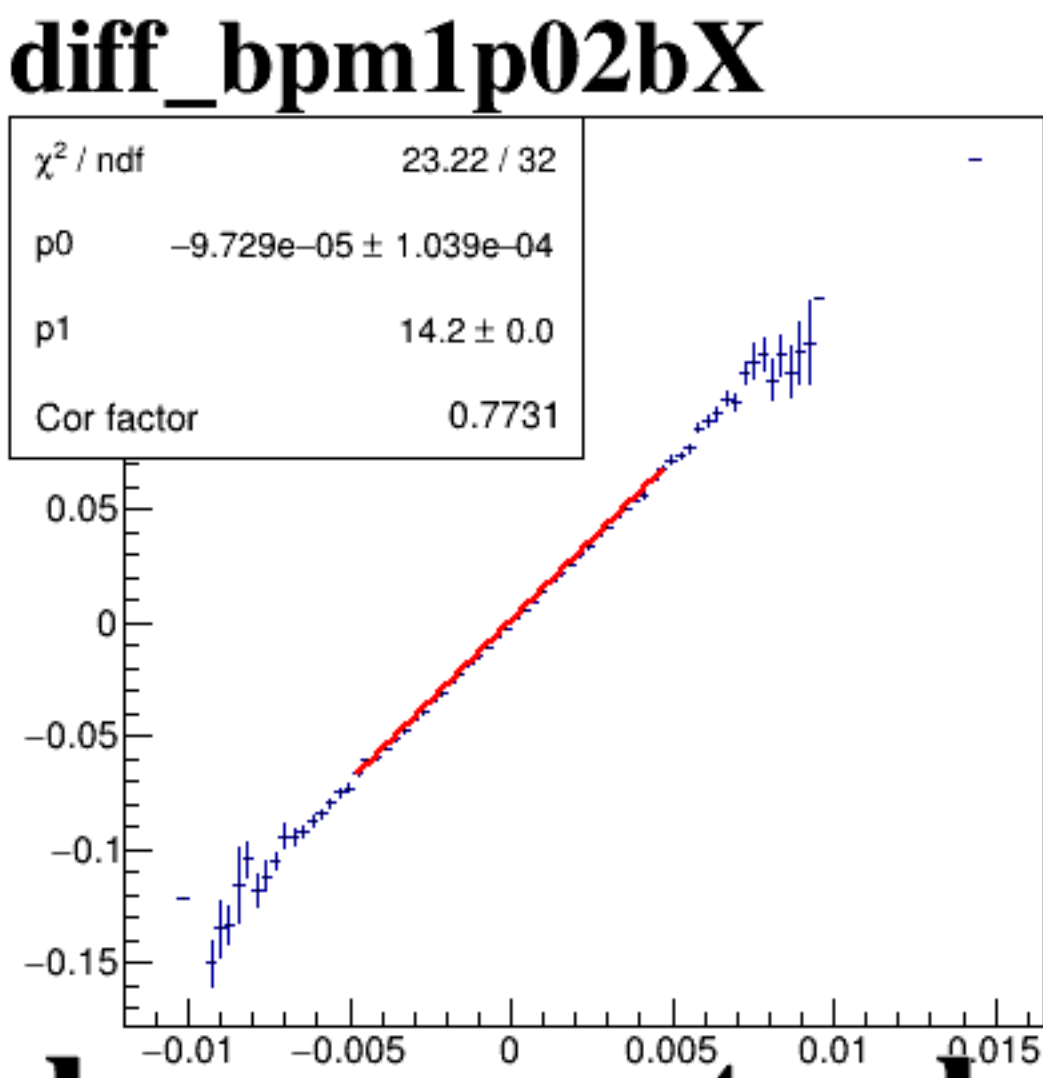
diff_bpm4eX



diff_bpm4eY



diff_bpm12X



A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.02. The y-axis ranges from -0.1 to 0.1.

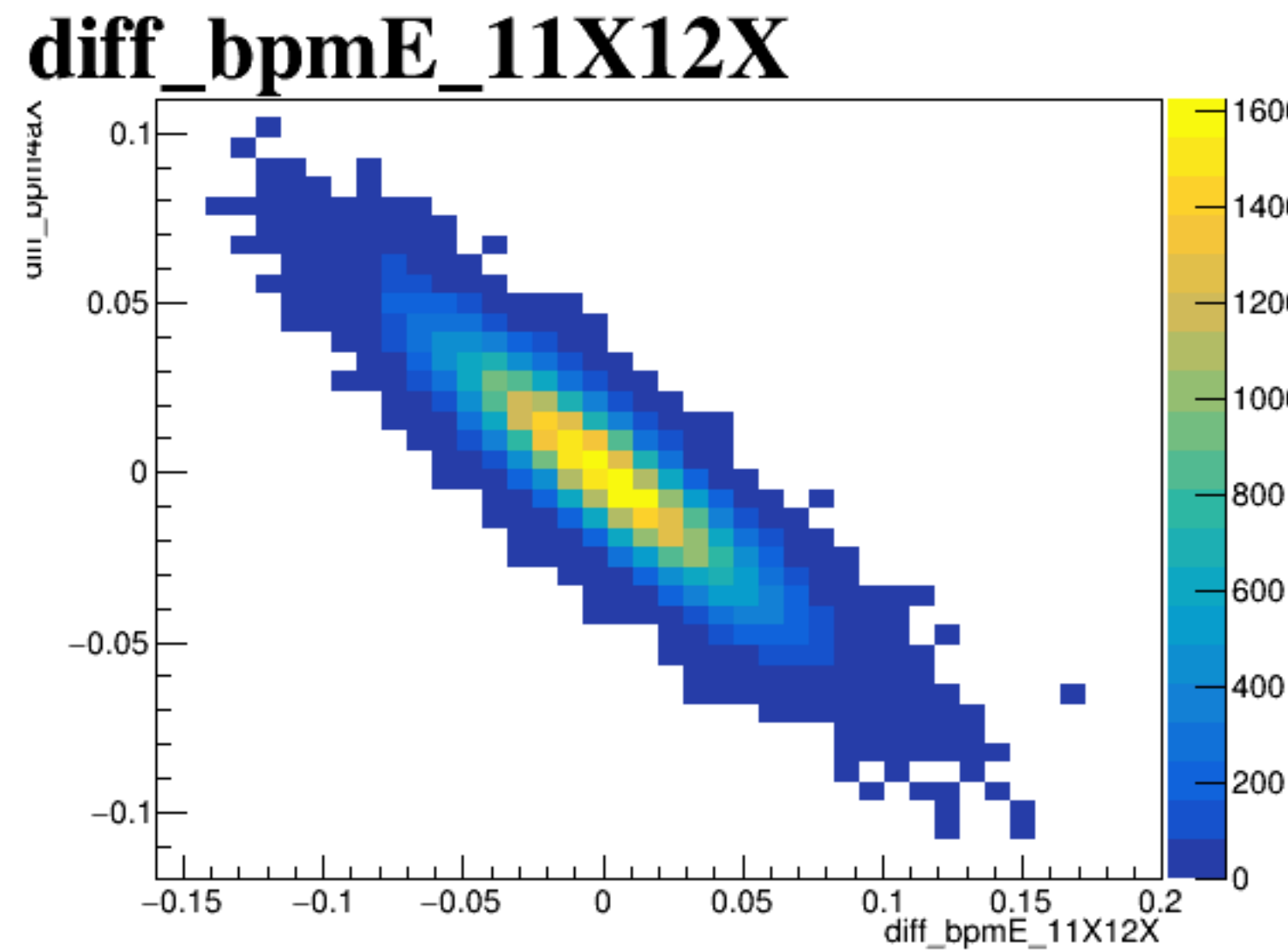
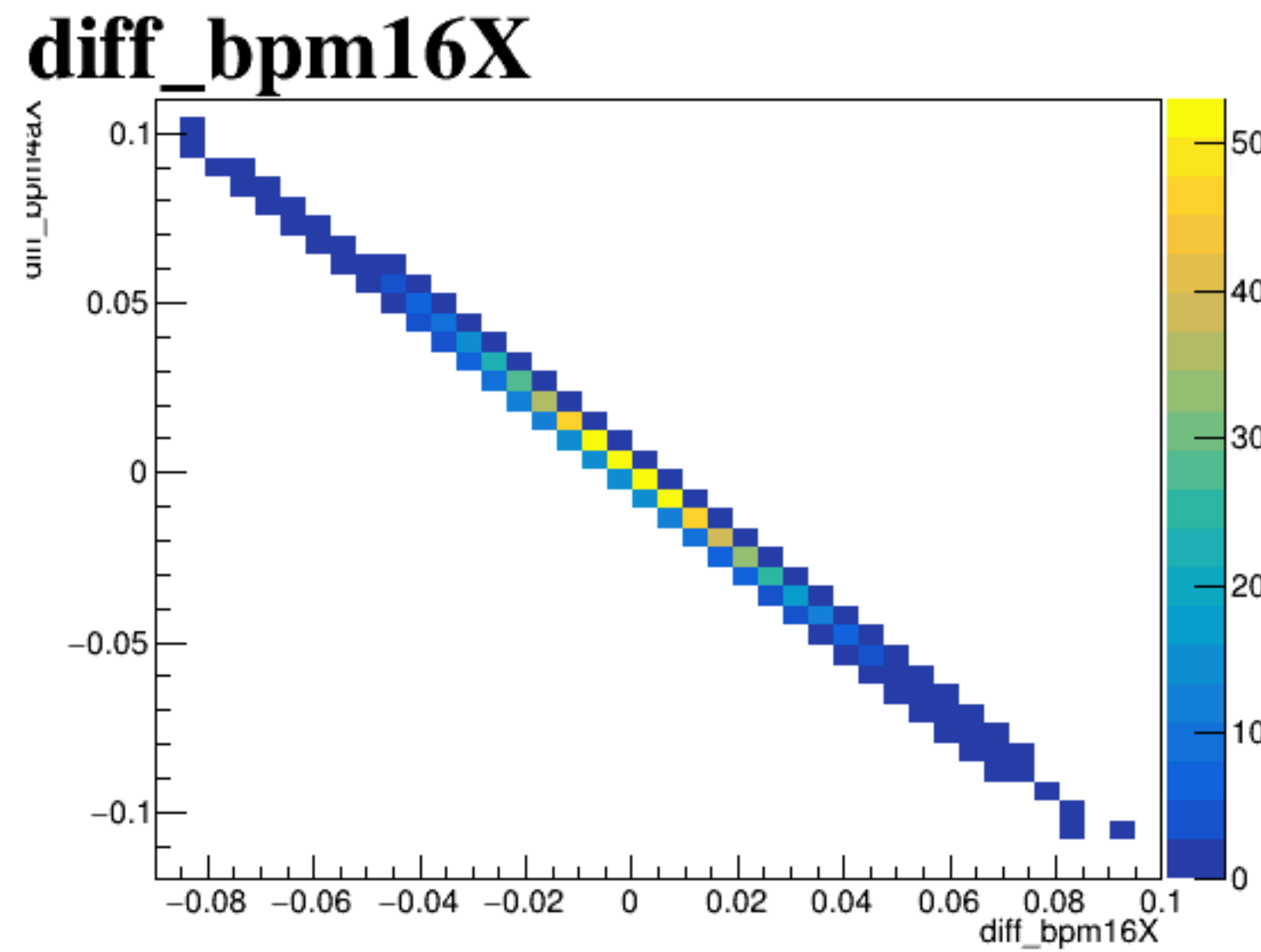
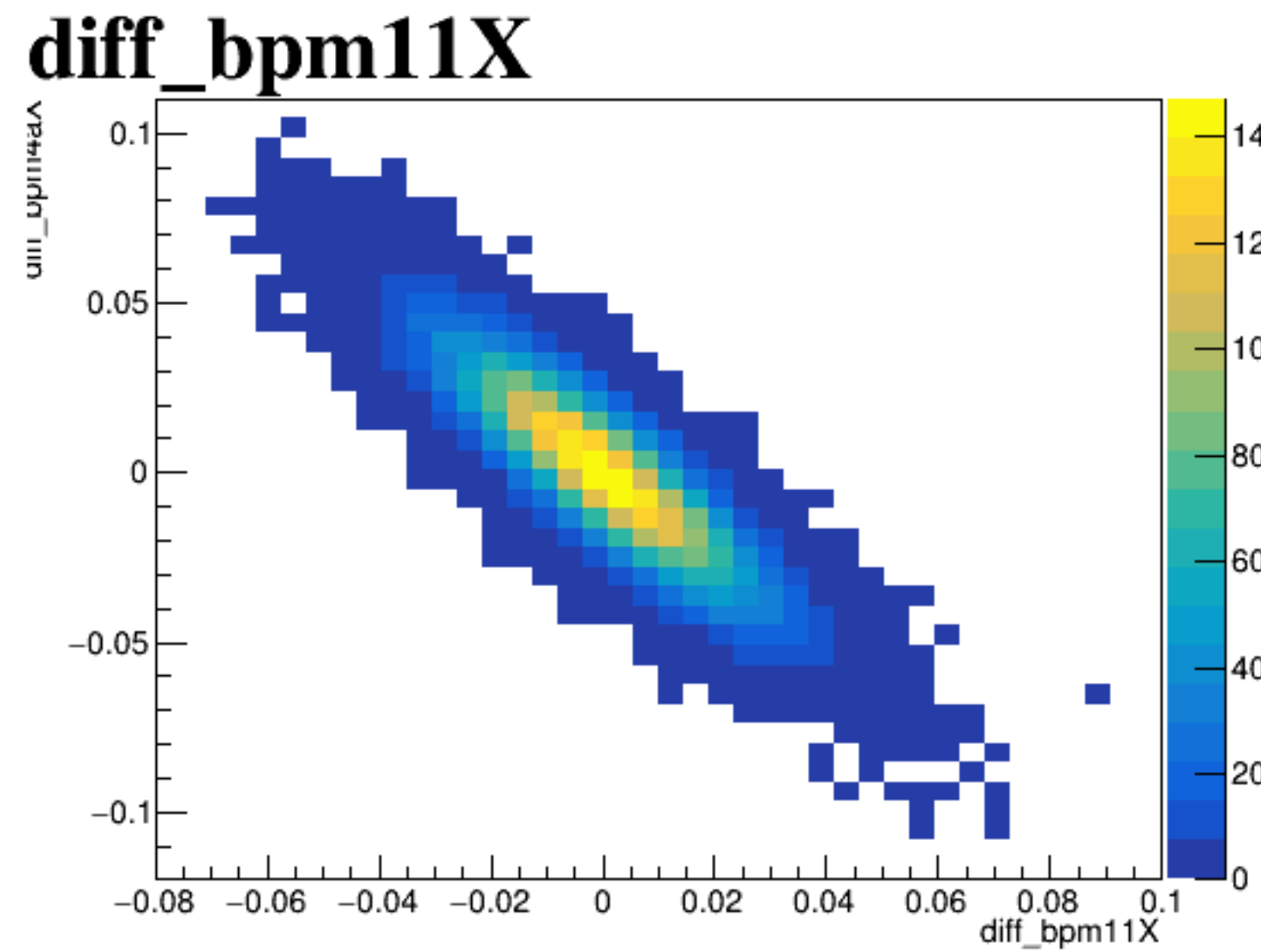
A scatter plot titled "diff_bpm1p03aX". The x-axis is labeled "diff_bpm1p03aX" and ranges from -0.015 to 0.015 with major ticks every 0.005. The y-axis ranges from -0.03 to 0.03 with major ticks every 0.01. The plot shows a dense, roughly circular cloud of points centered at (0,0). The density of points is highest in the center and decreases towards the edges. The points are black on a white background.

A scatter plot titled "diff_bpm1Y" showing a dense cloud of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.02. The y-axis ranges from -0.1 to 0.1.

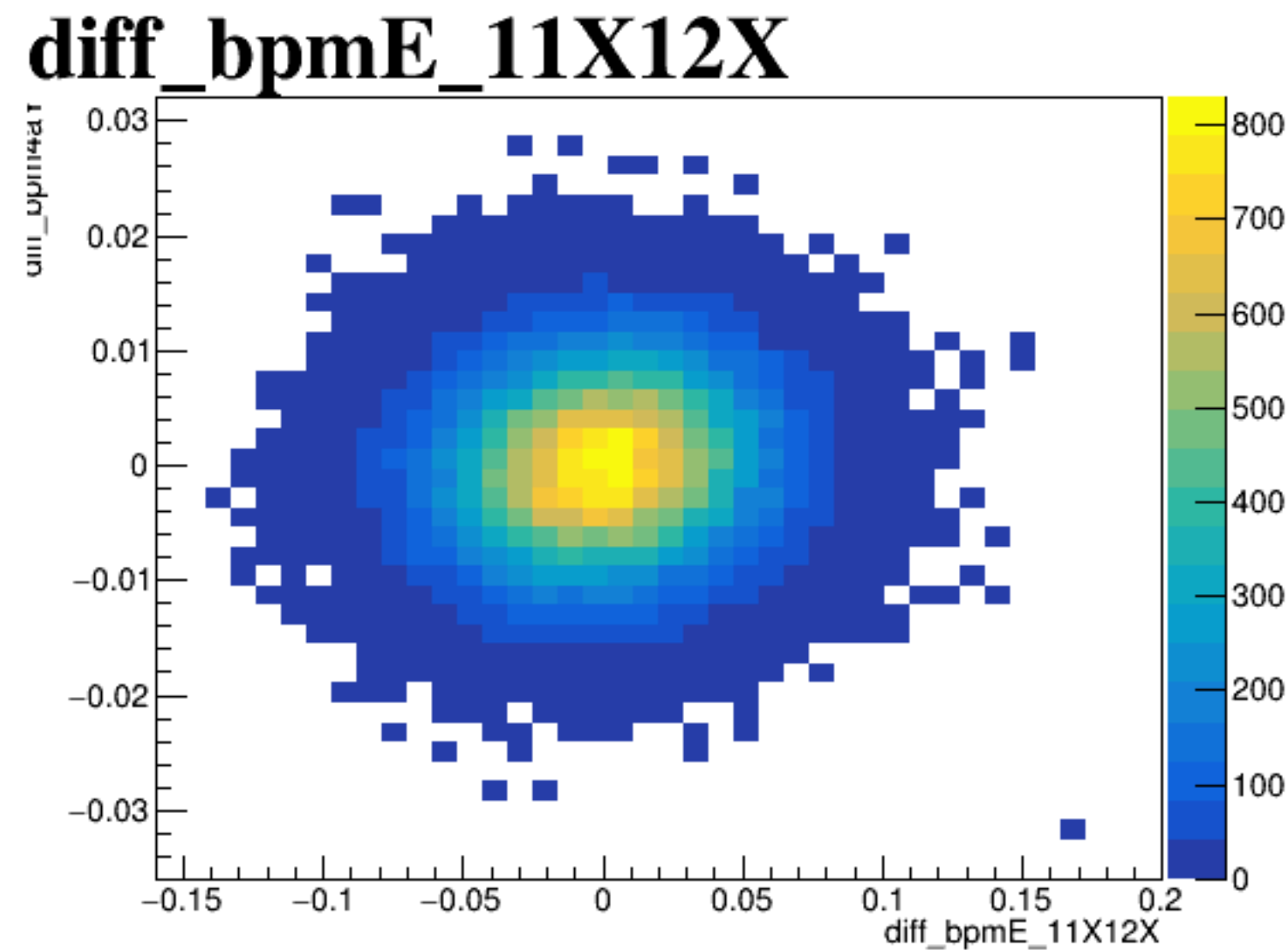
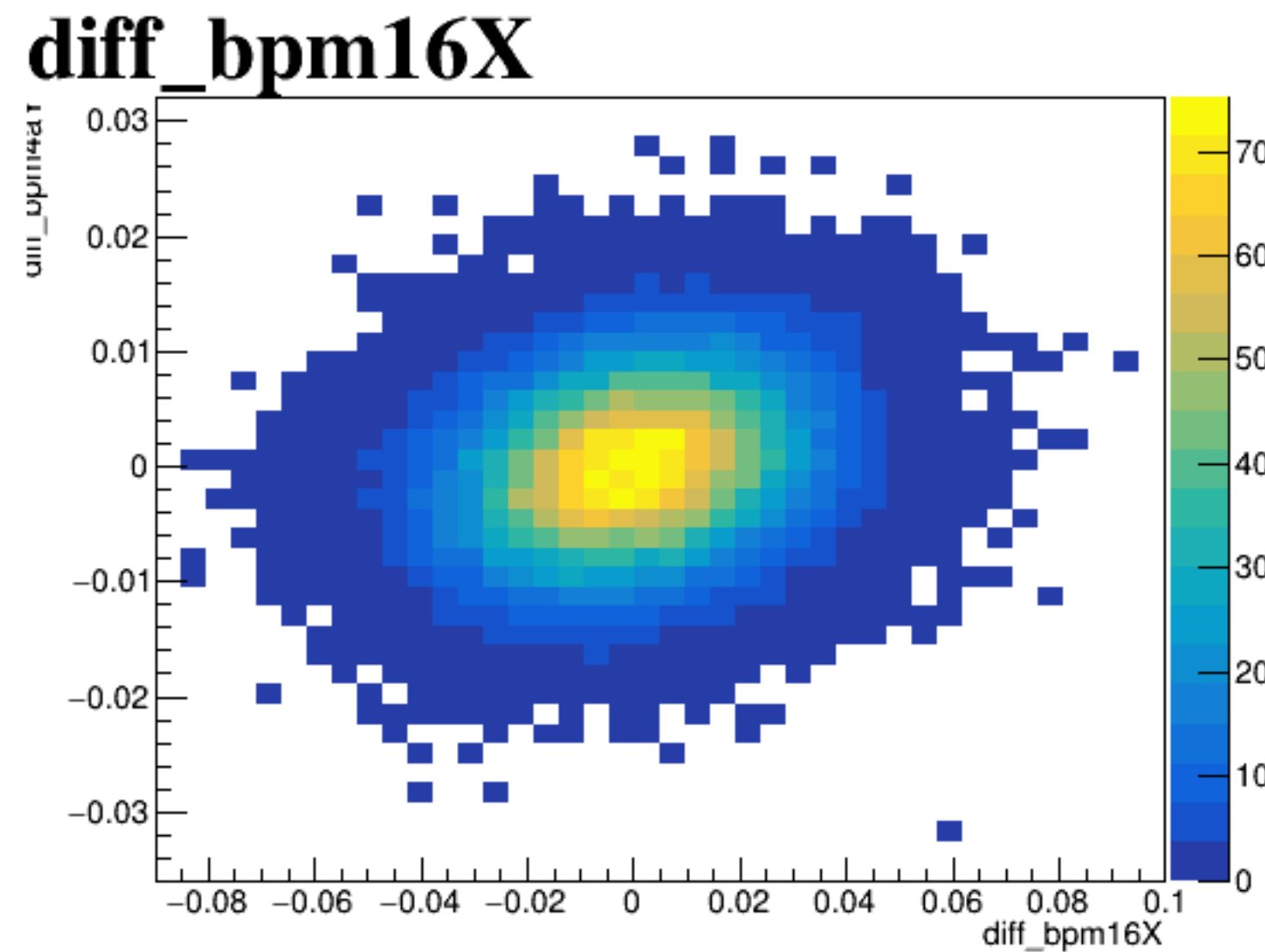
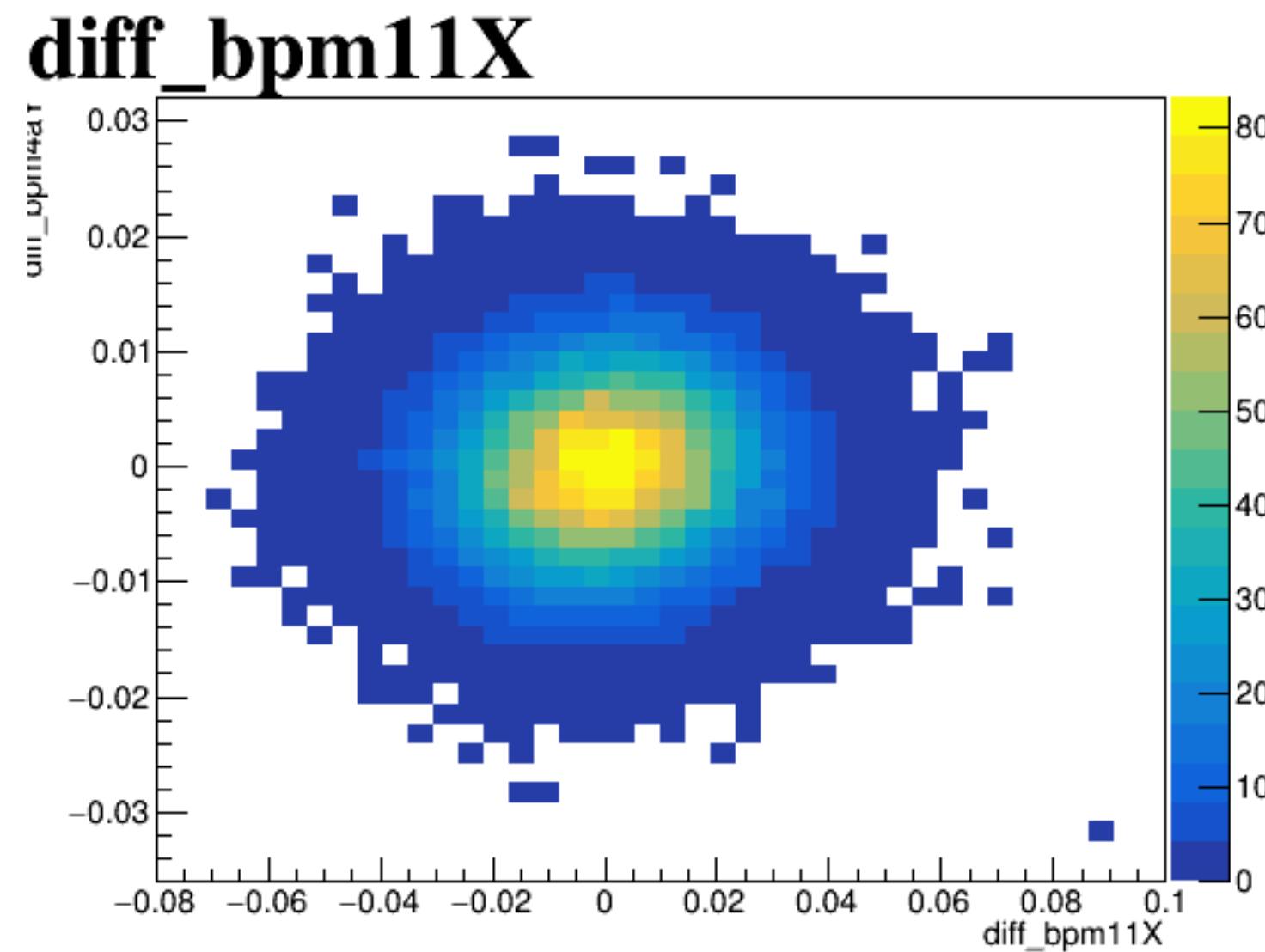
A scatter plot titled "diff_bpm1Y" showing a dense, elongated cloud of points along the diagonal, indicating a strong positive correlation between the two variables. The axes range from -0.03 to 0.03.

A scatter plot titled "diff_bpm1Y" showing a dense, elliptical distribution of points centered around (0,0). The x-axis is labeled "diff_bpm1Y" and ranges from -0.02 to 0.02. The y-axis ranges from -0.2 to 0.2.

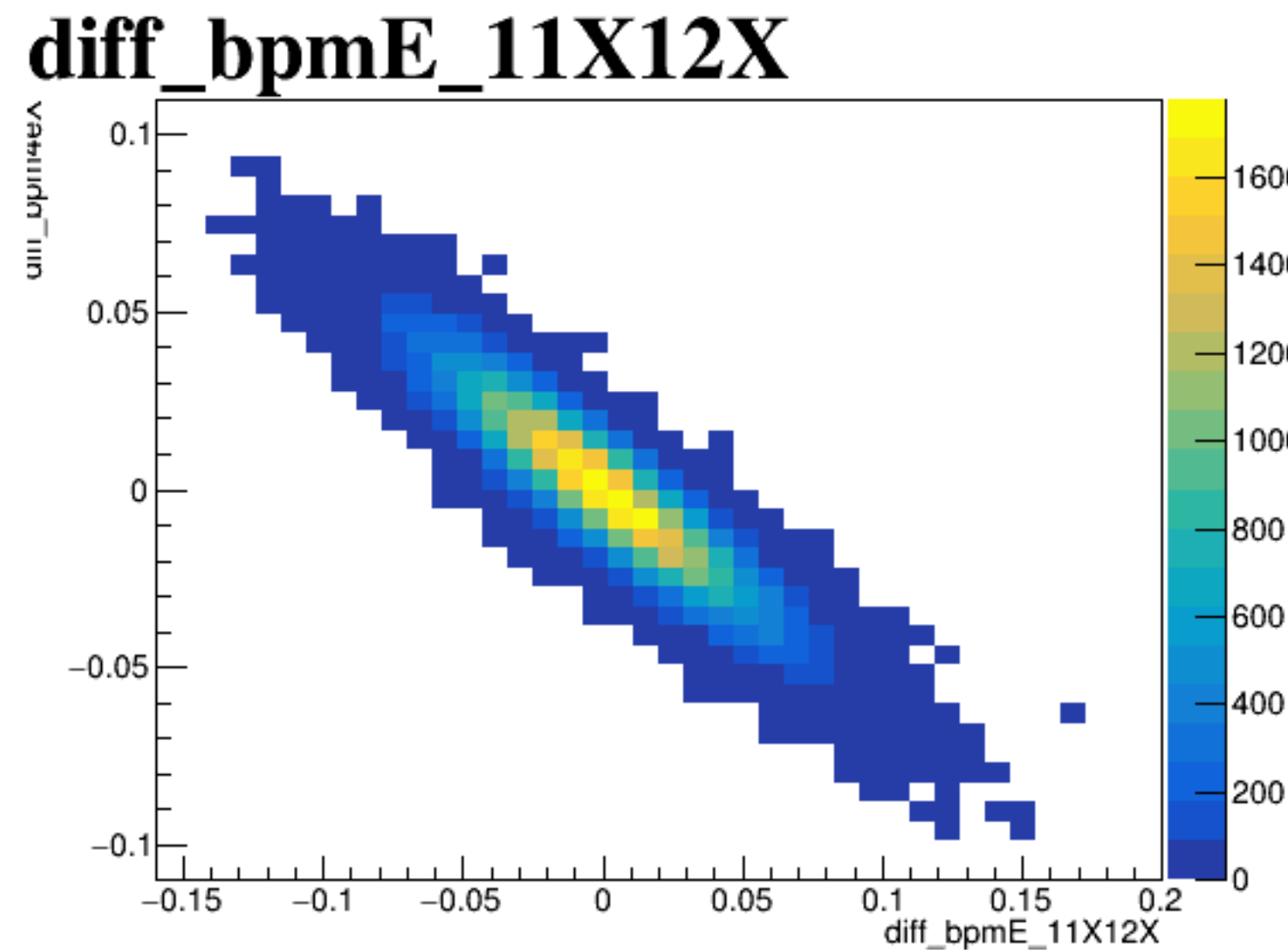
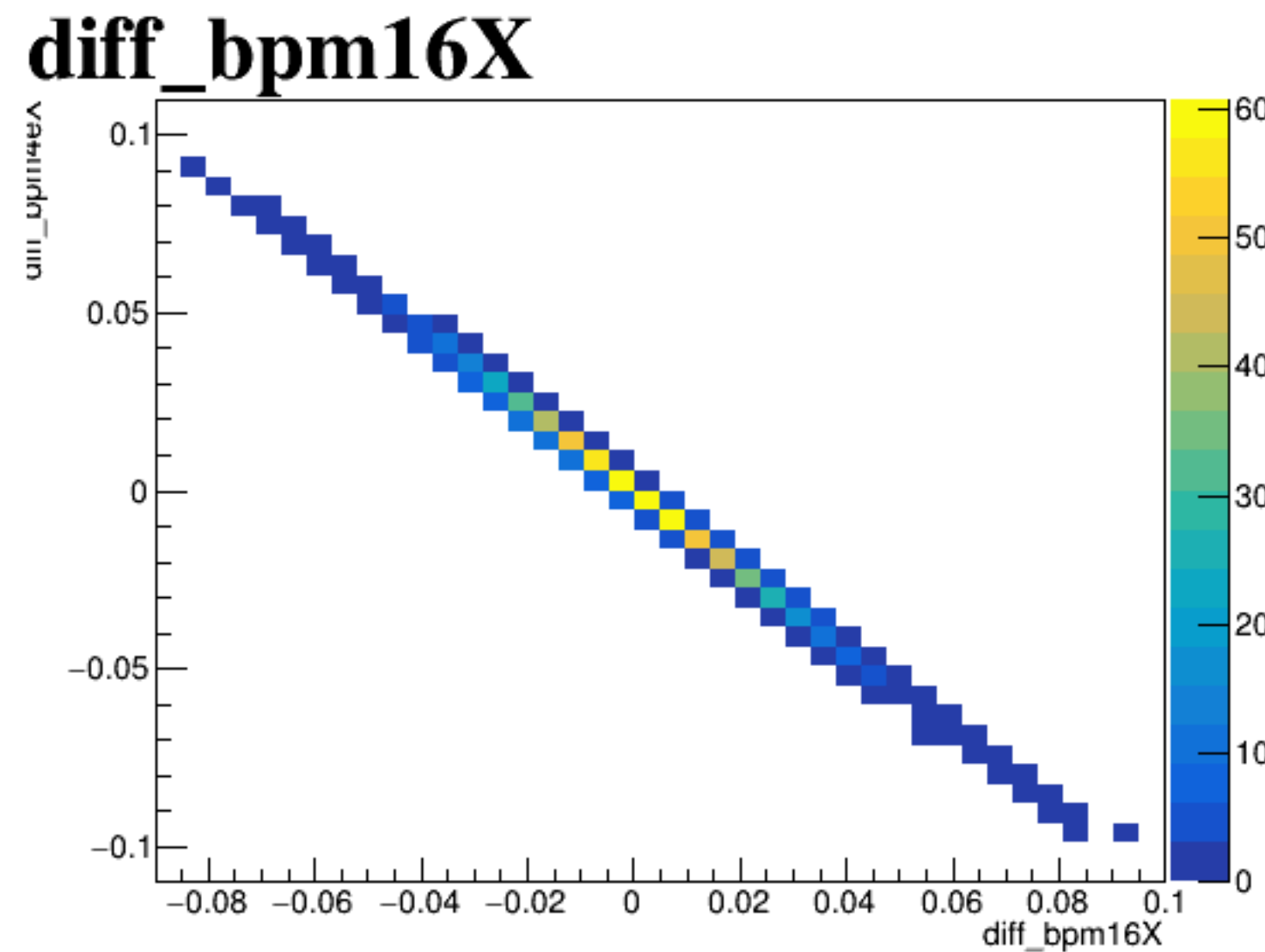
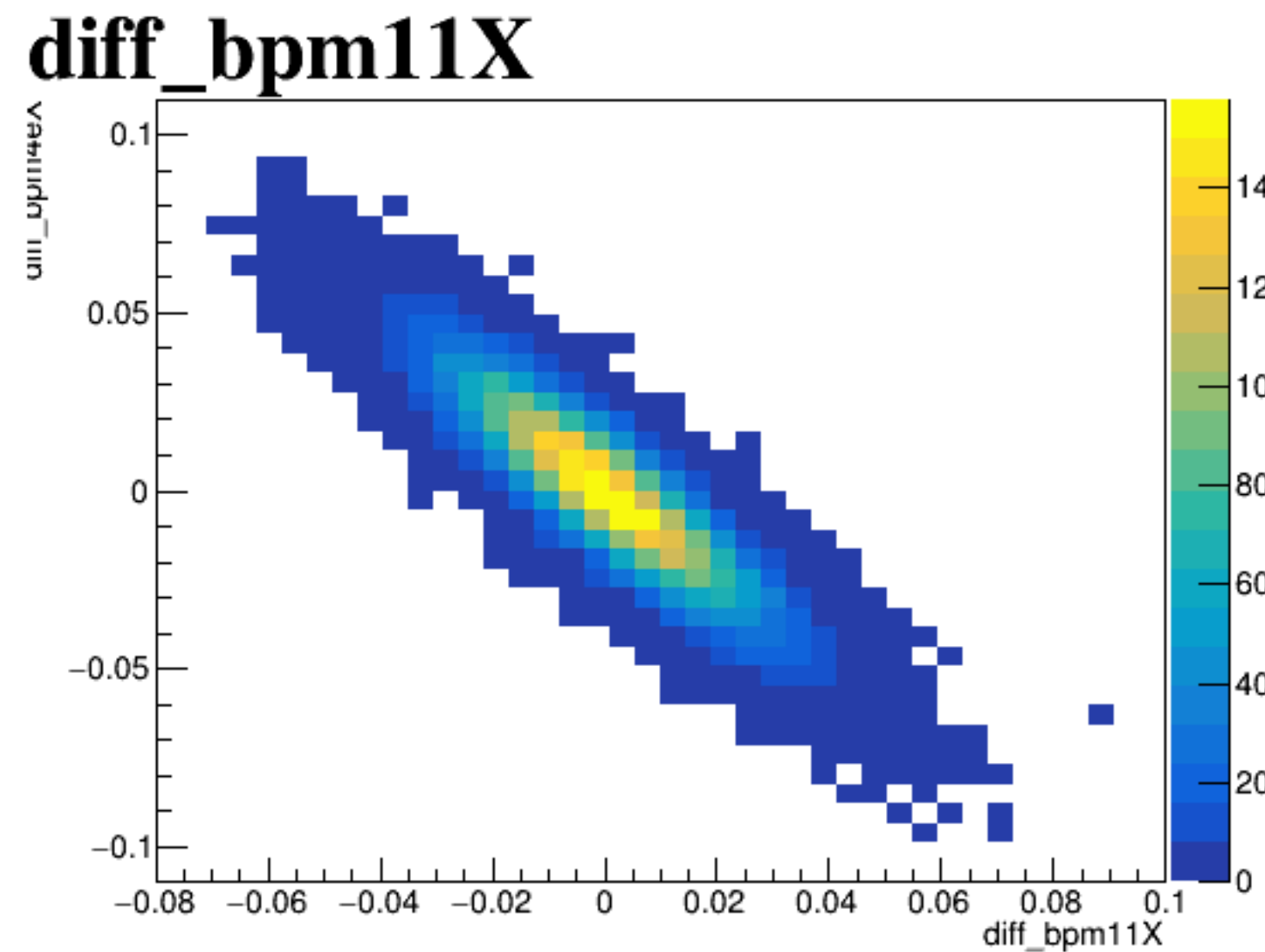
diff_bpm4aX



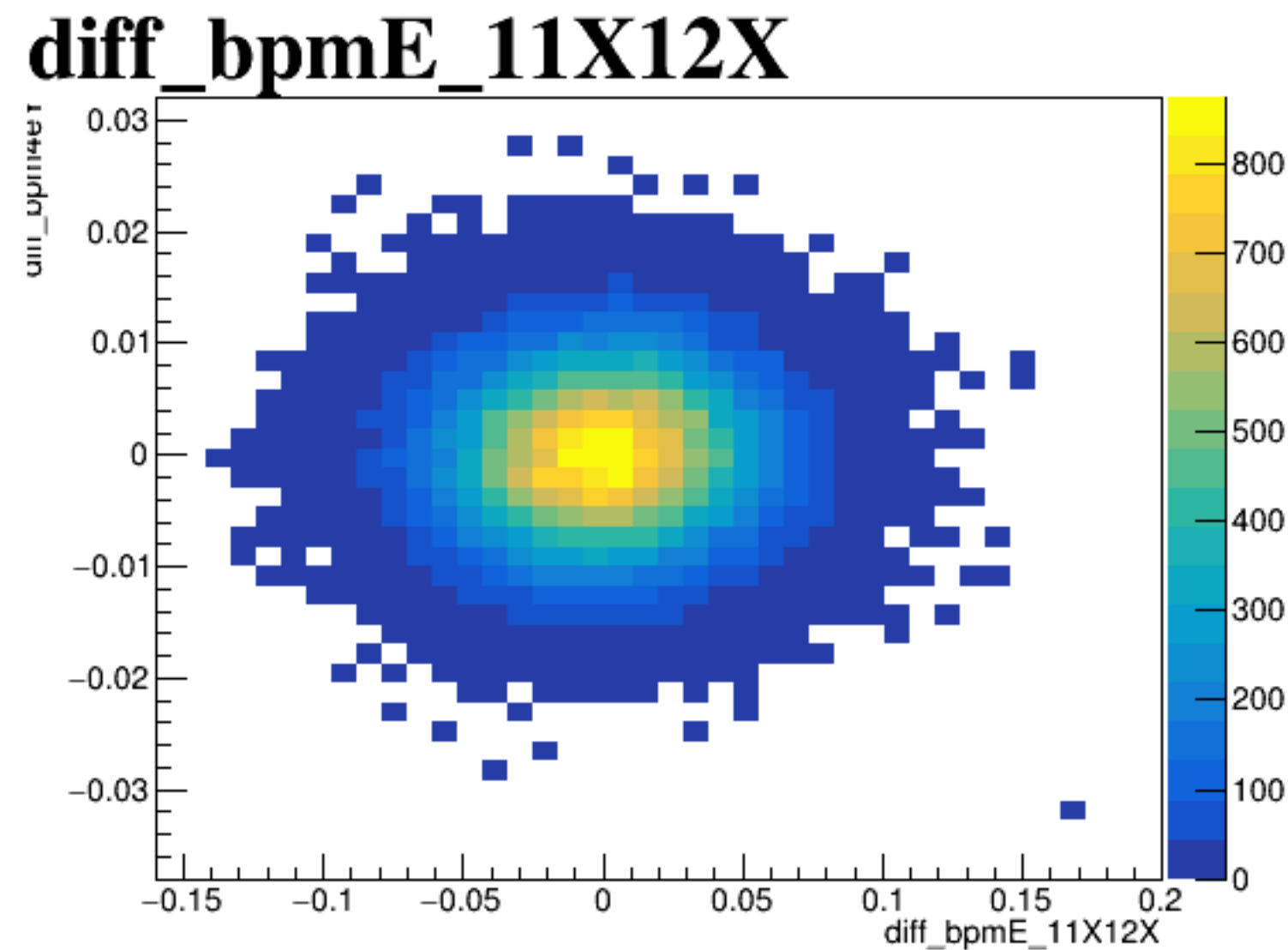
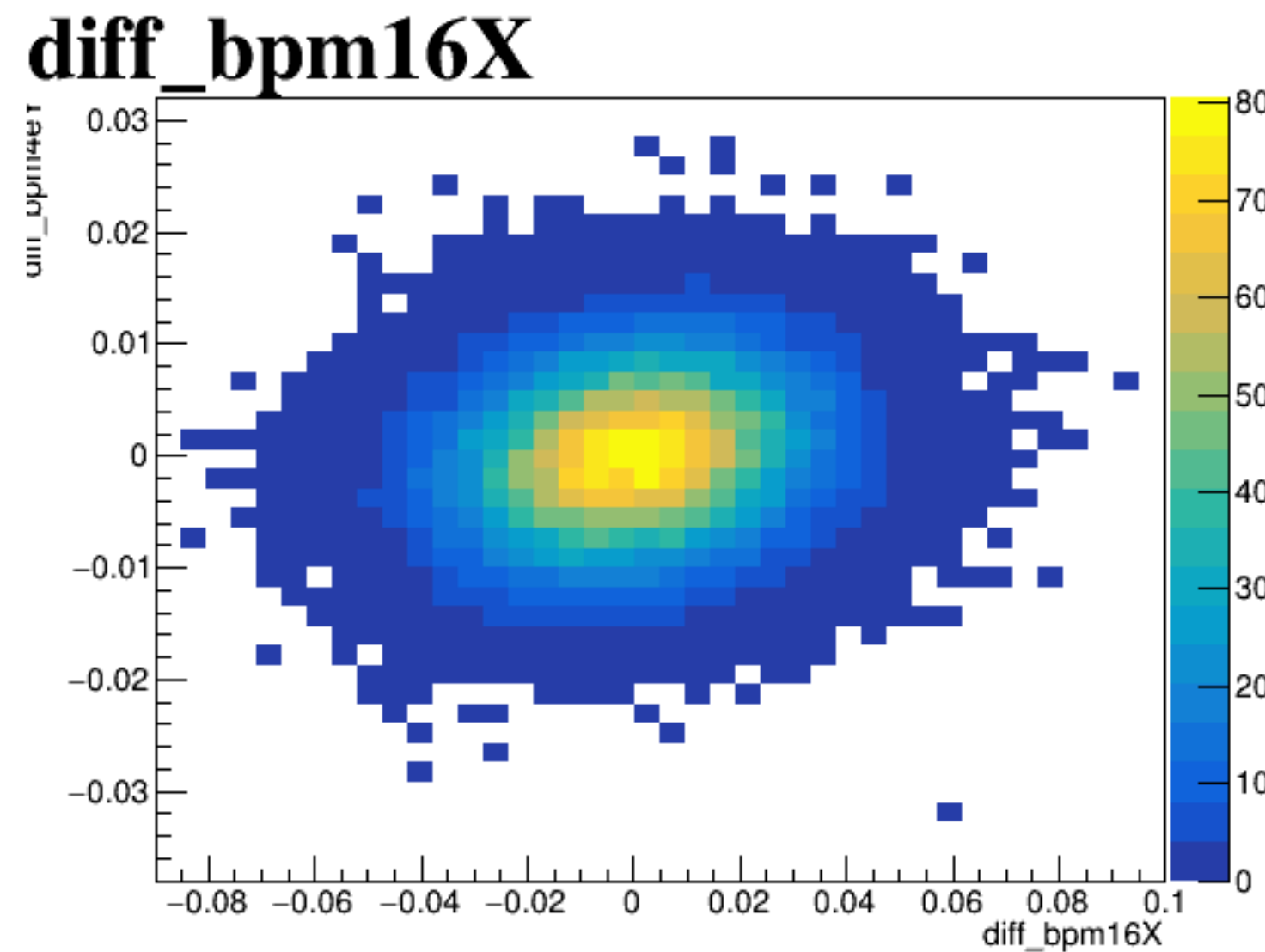
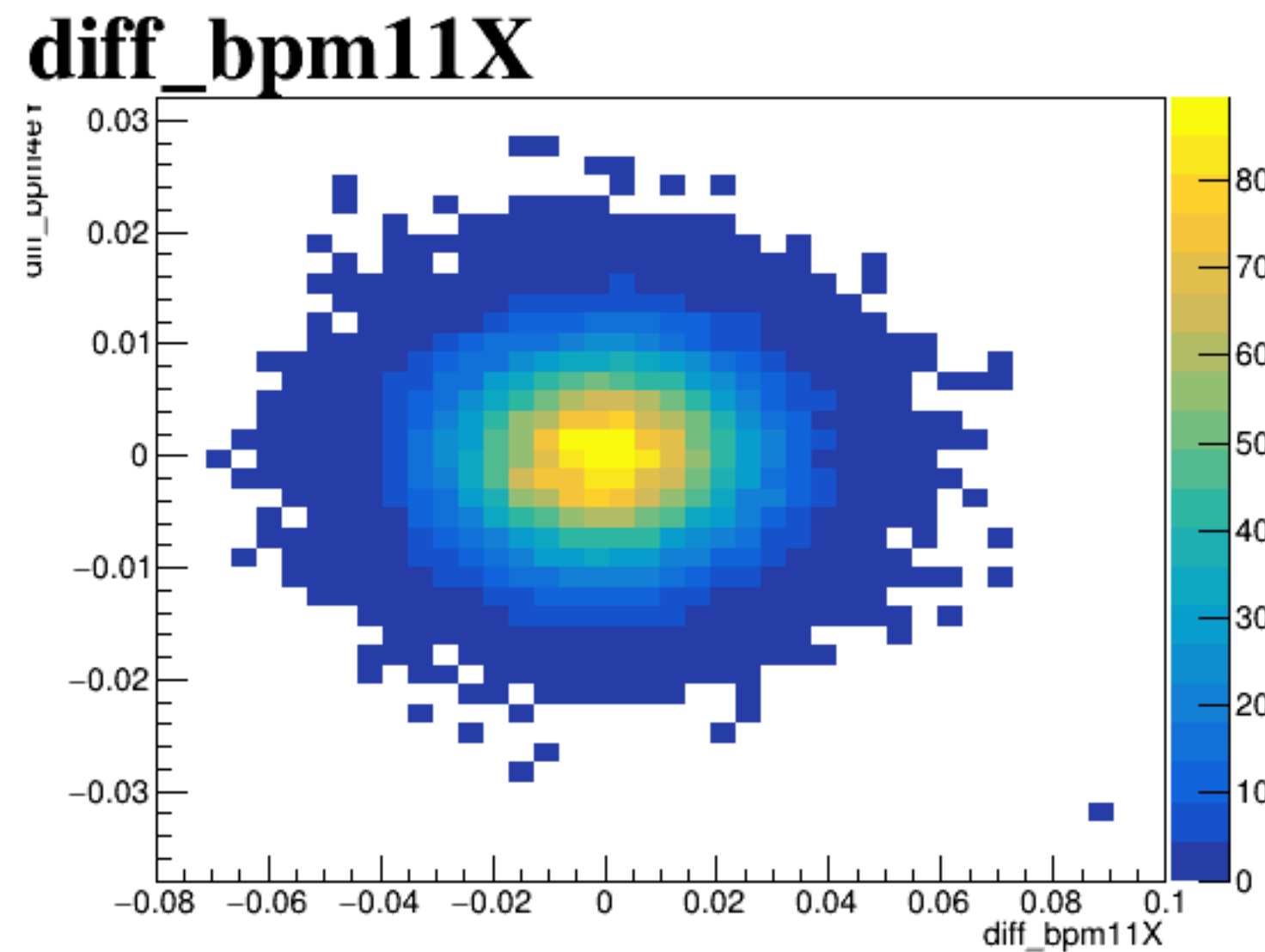
diff_bpm4aY



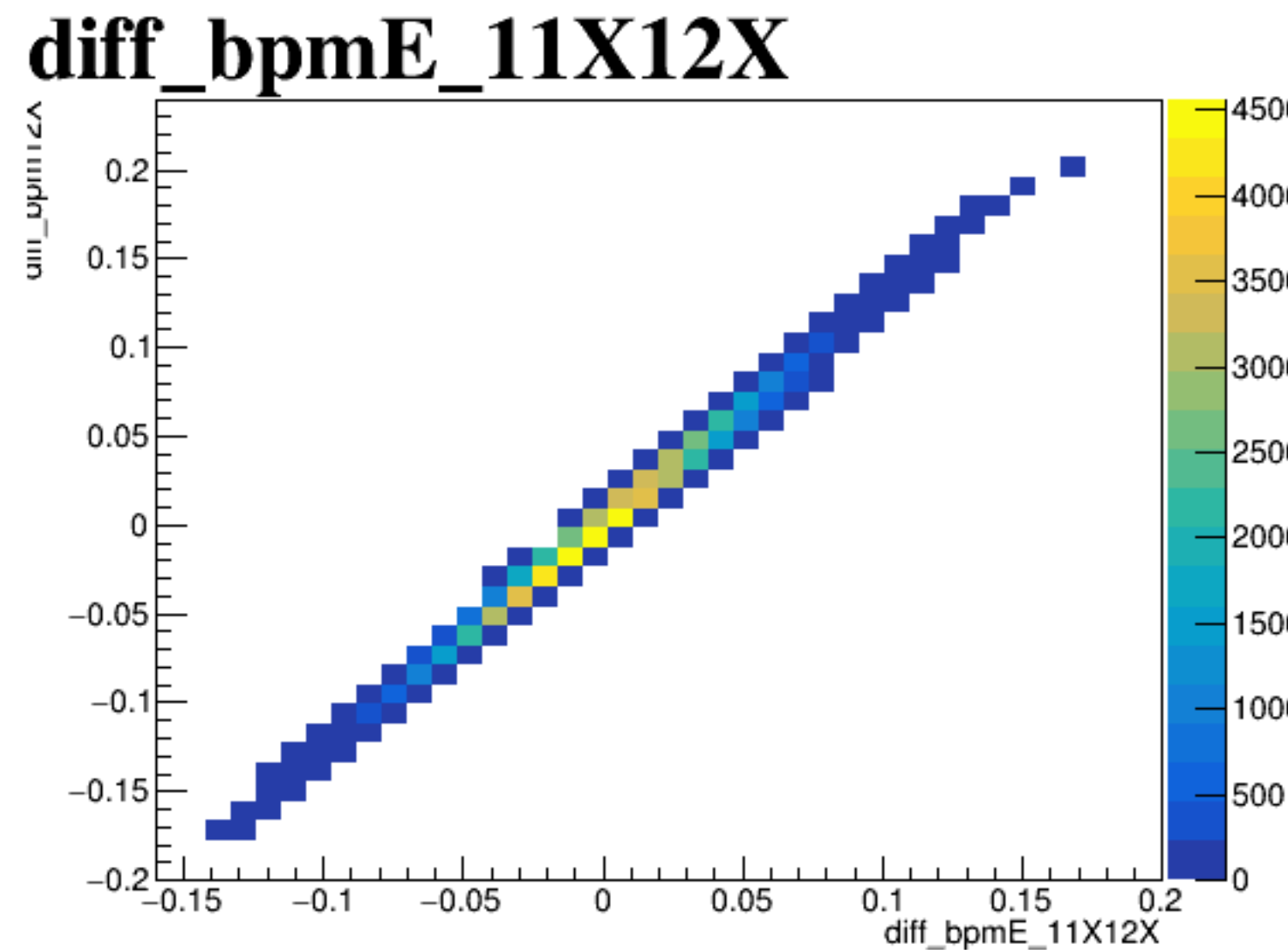
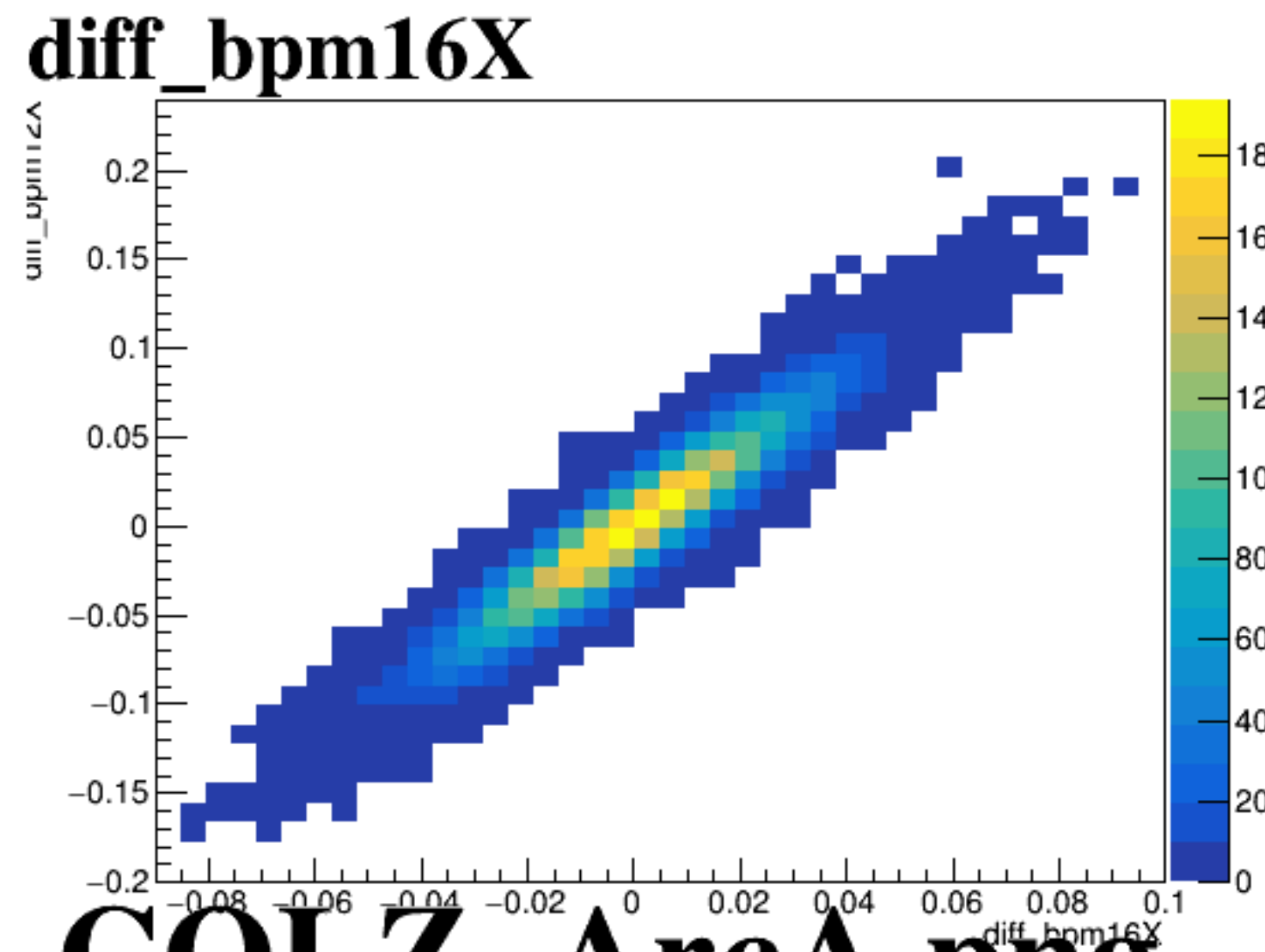
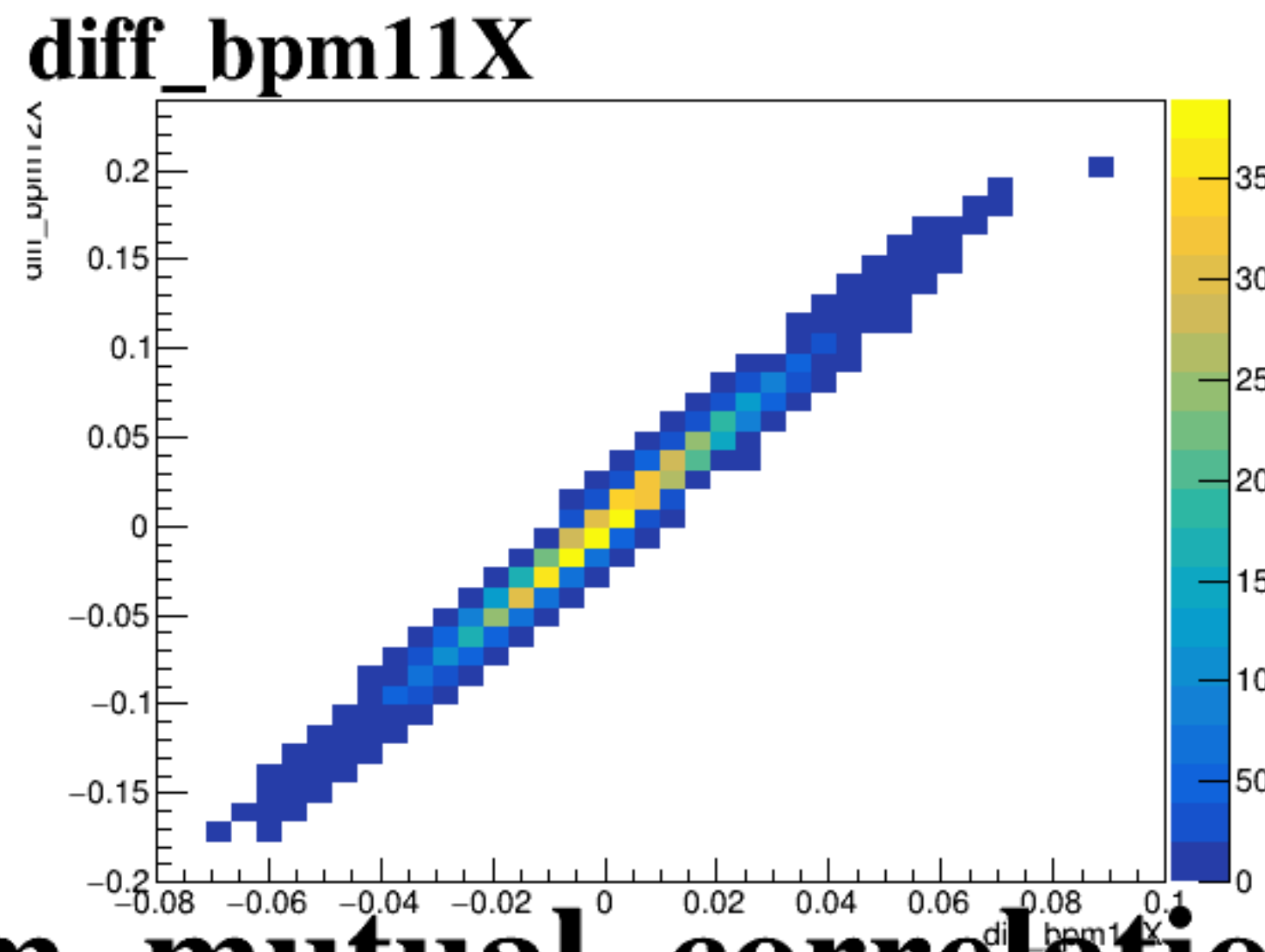
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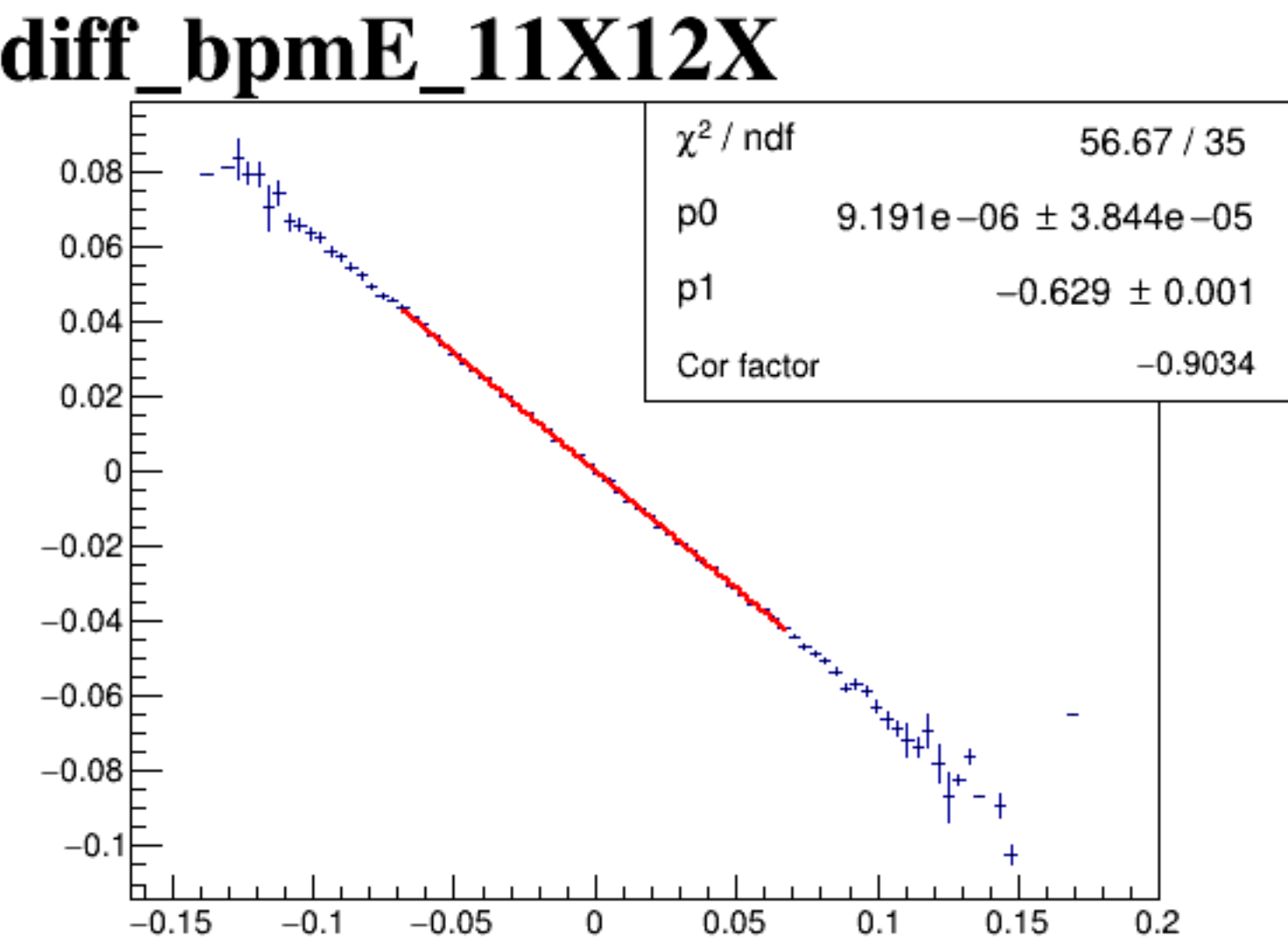
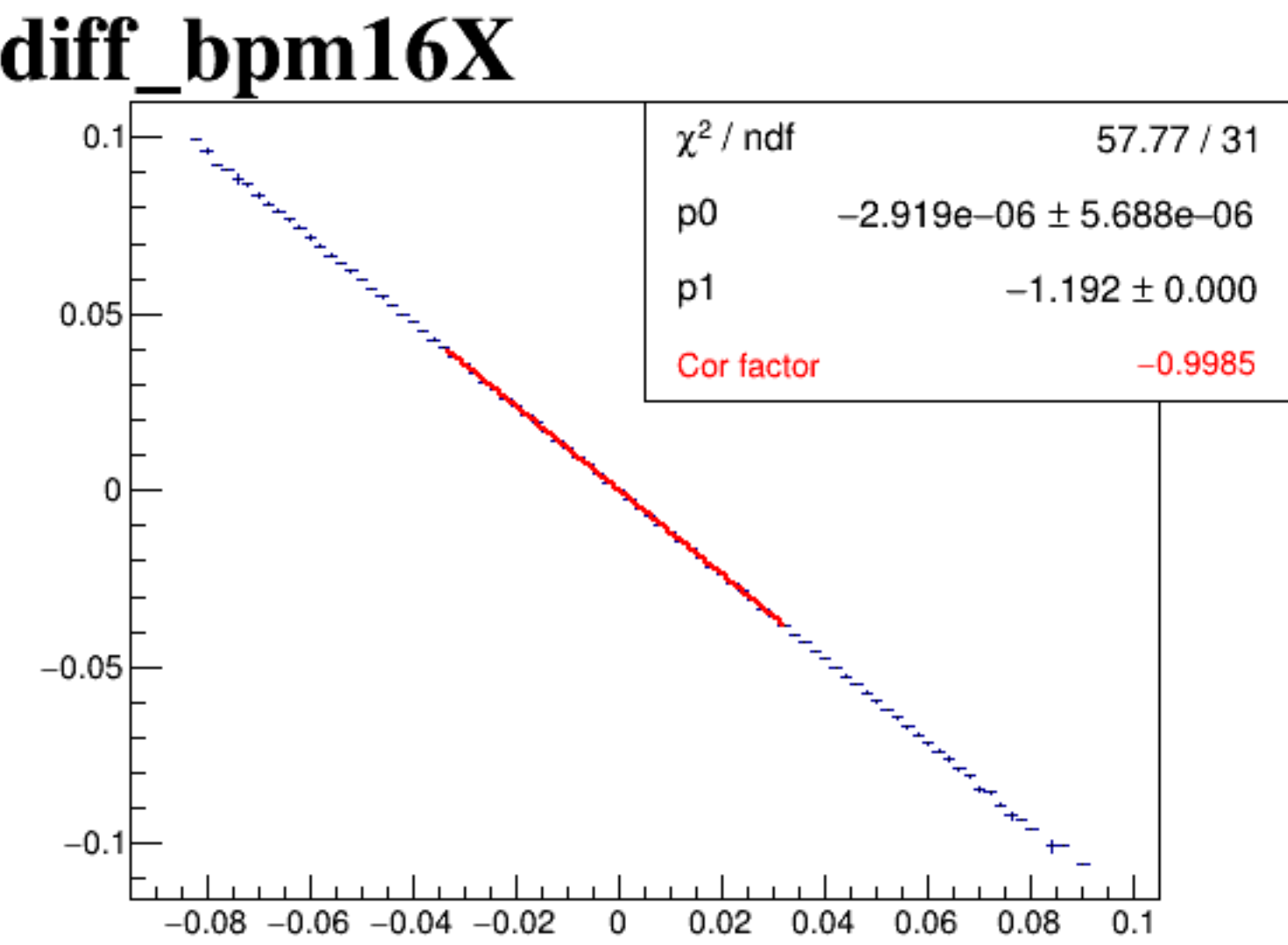
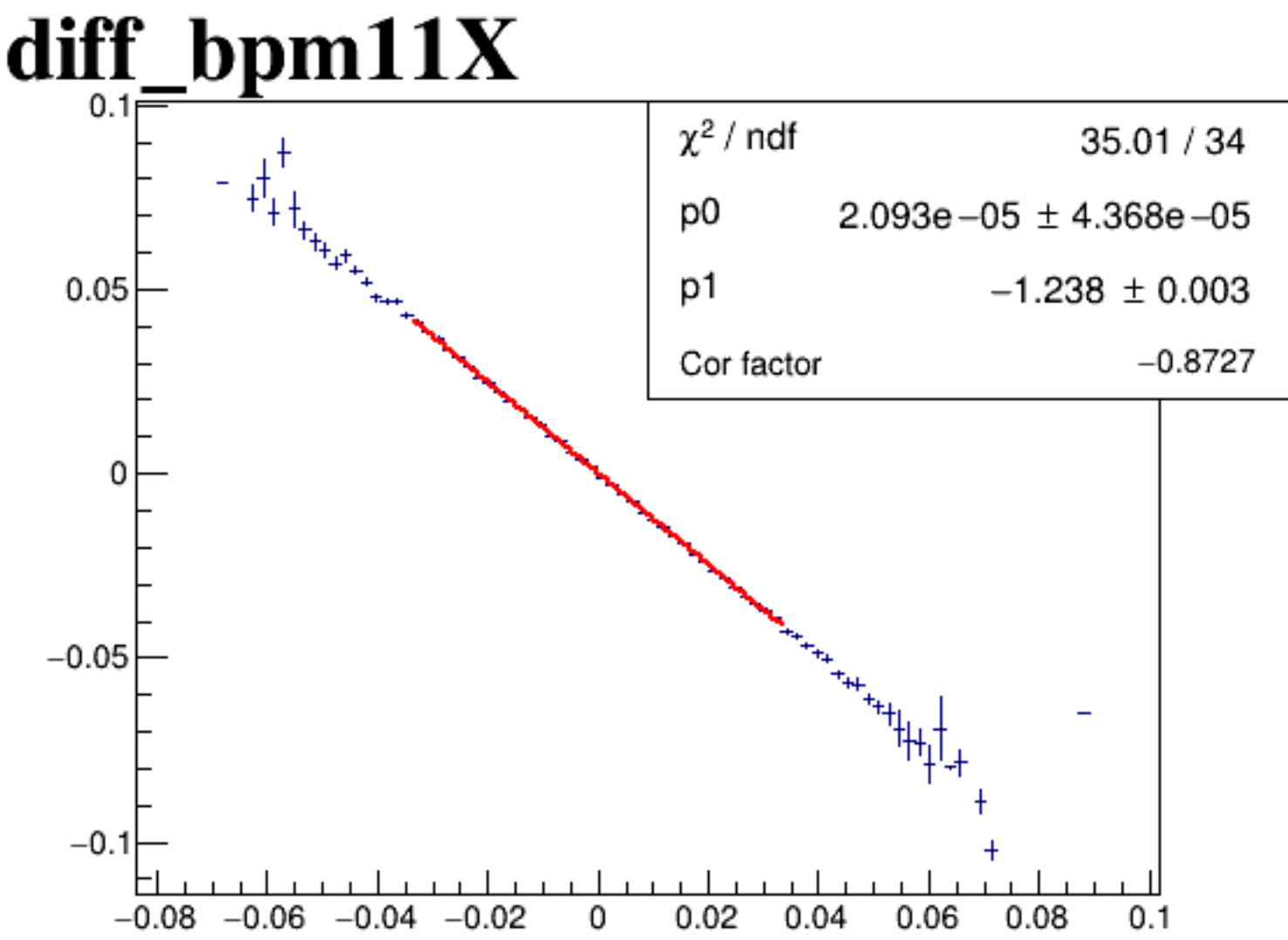
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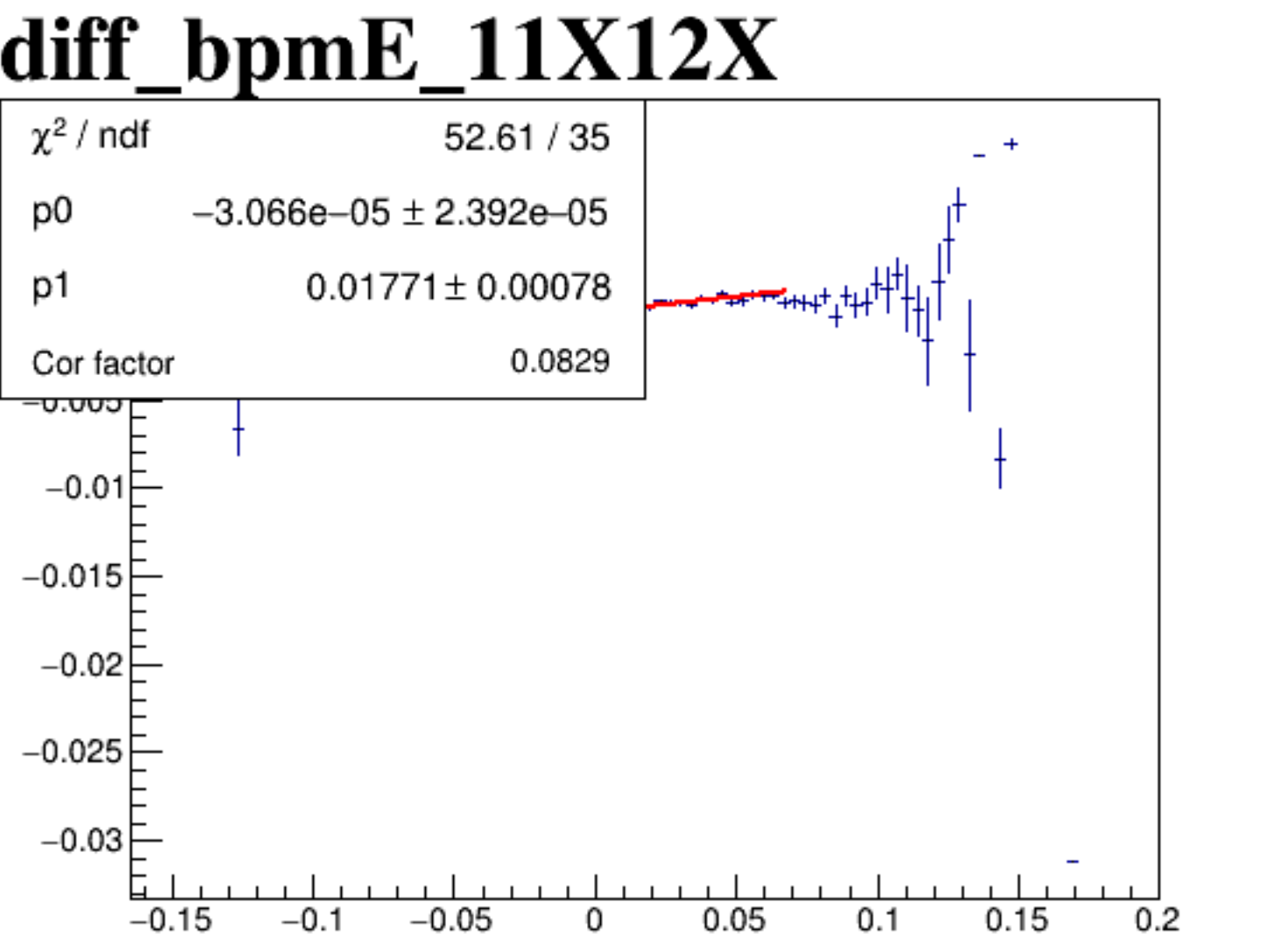
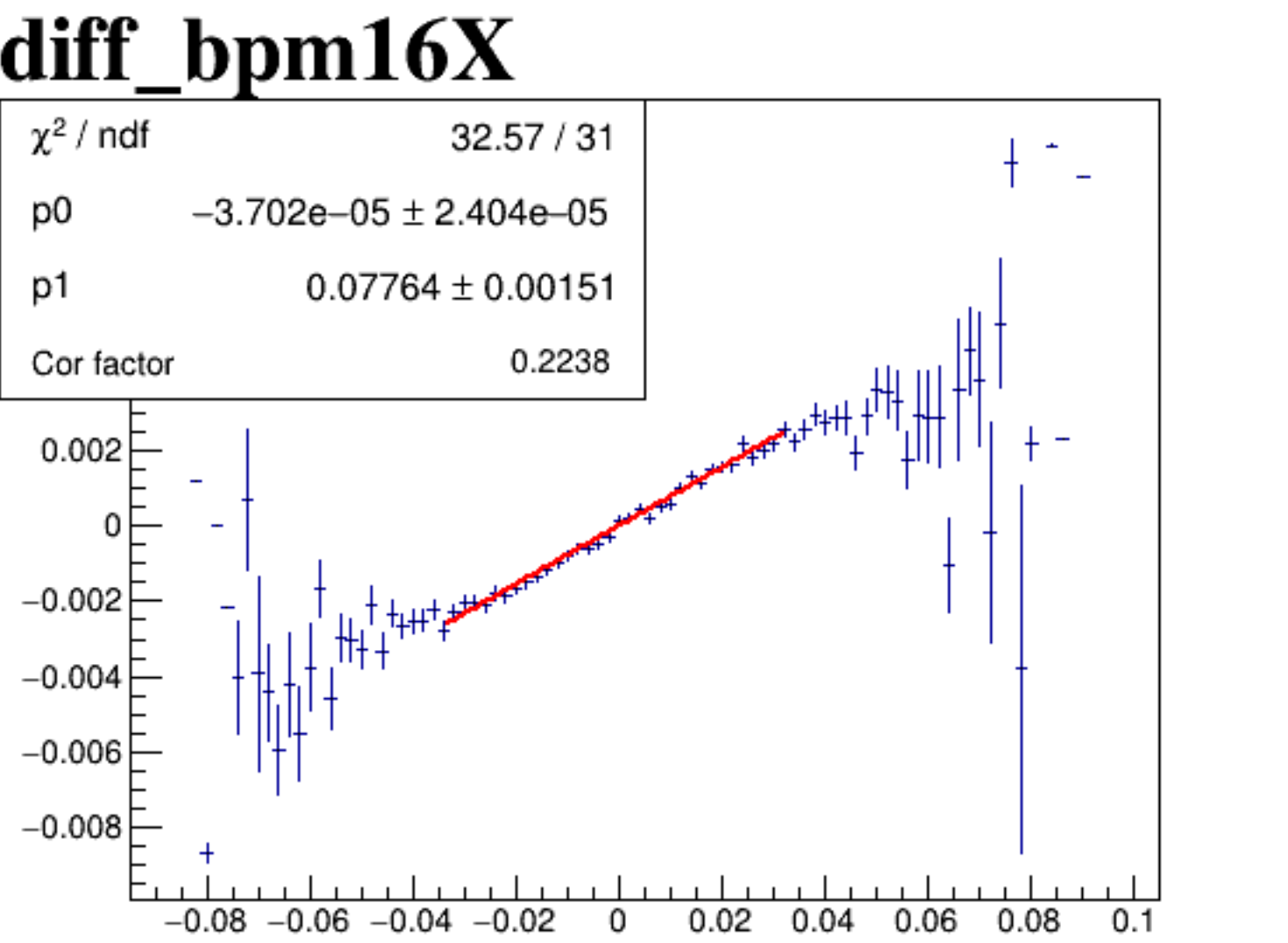
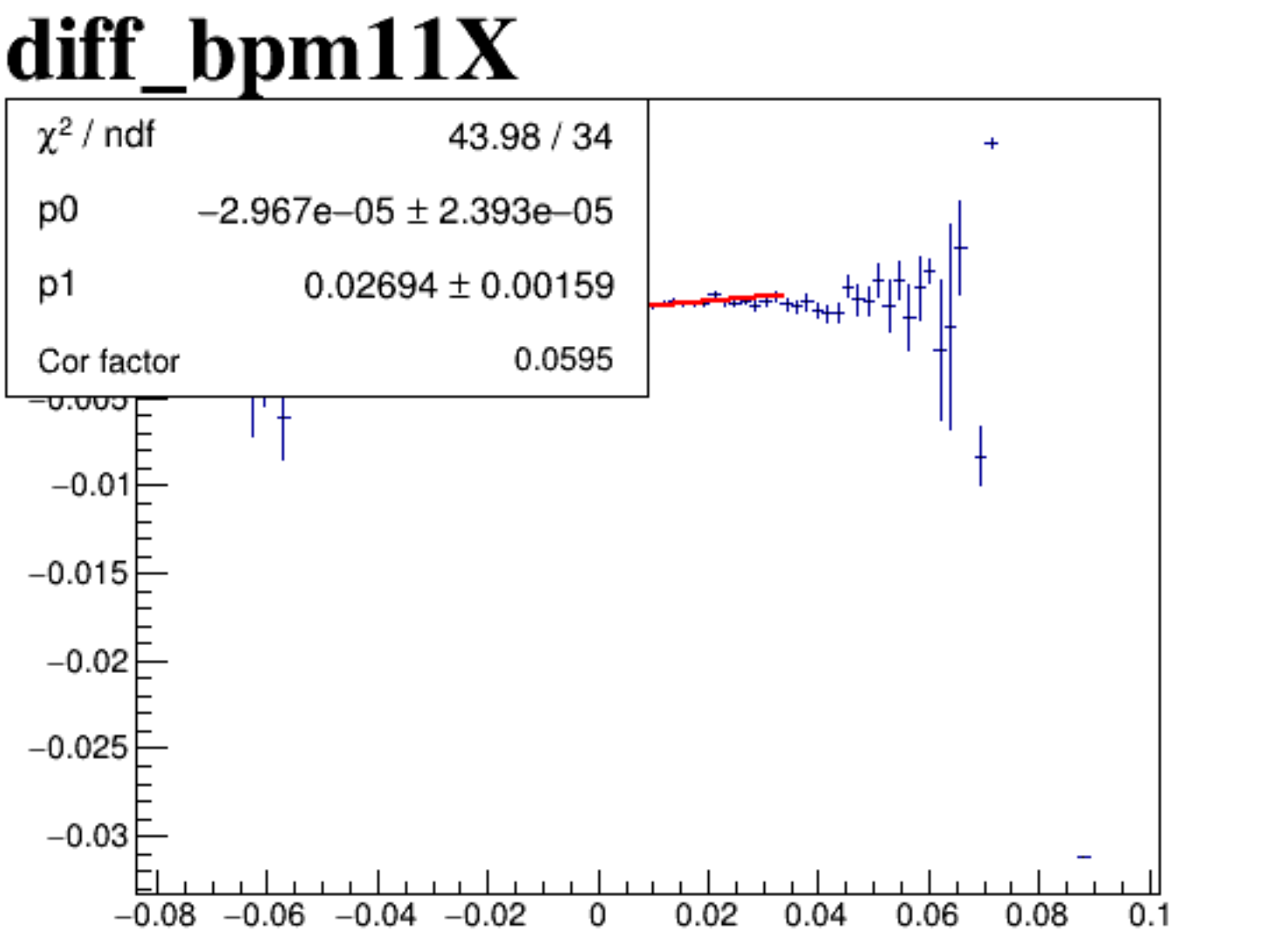
diff_bpm12X



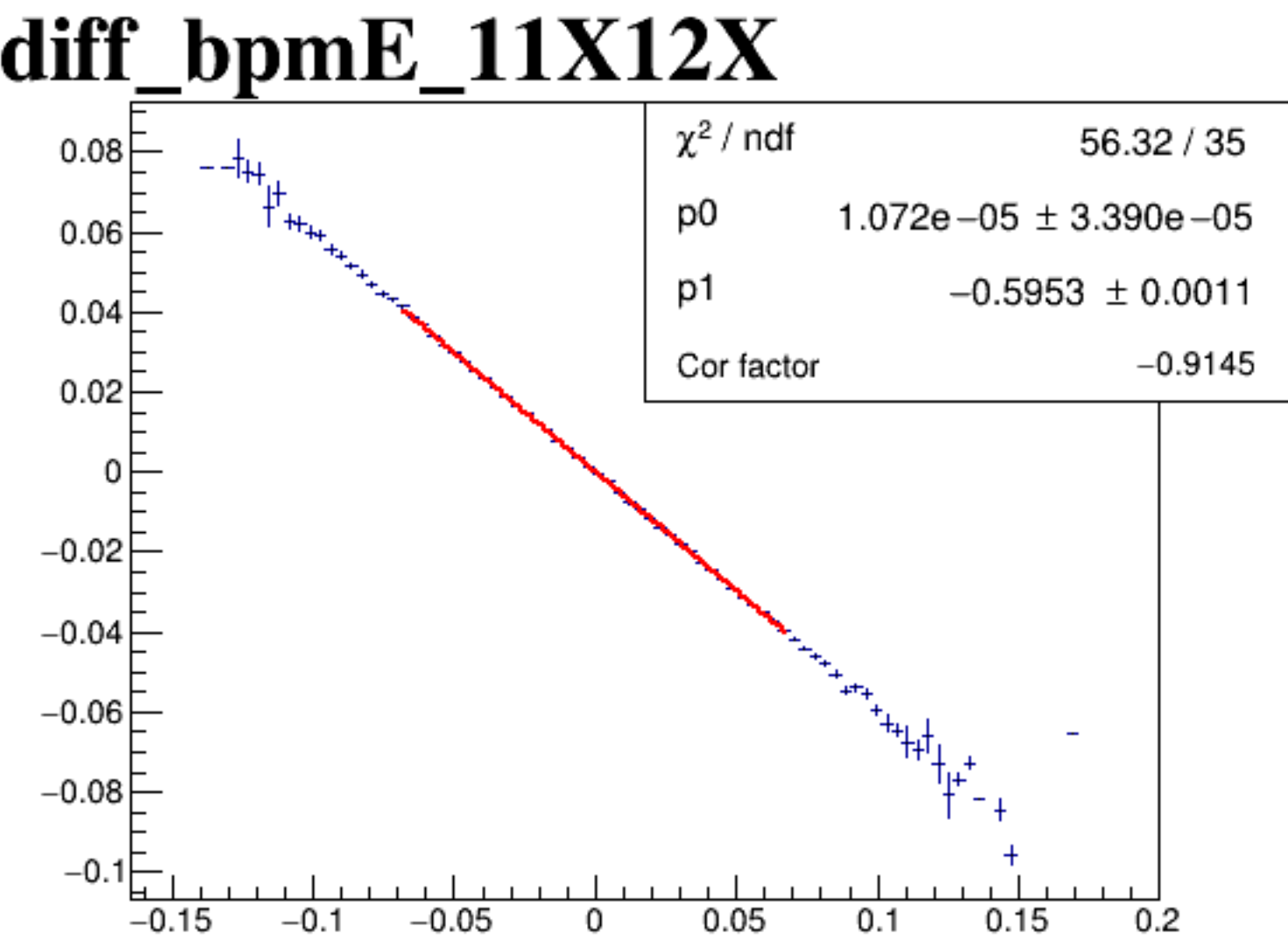
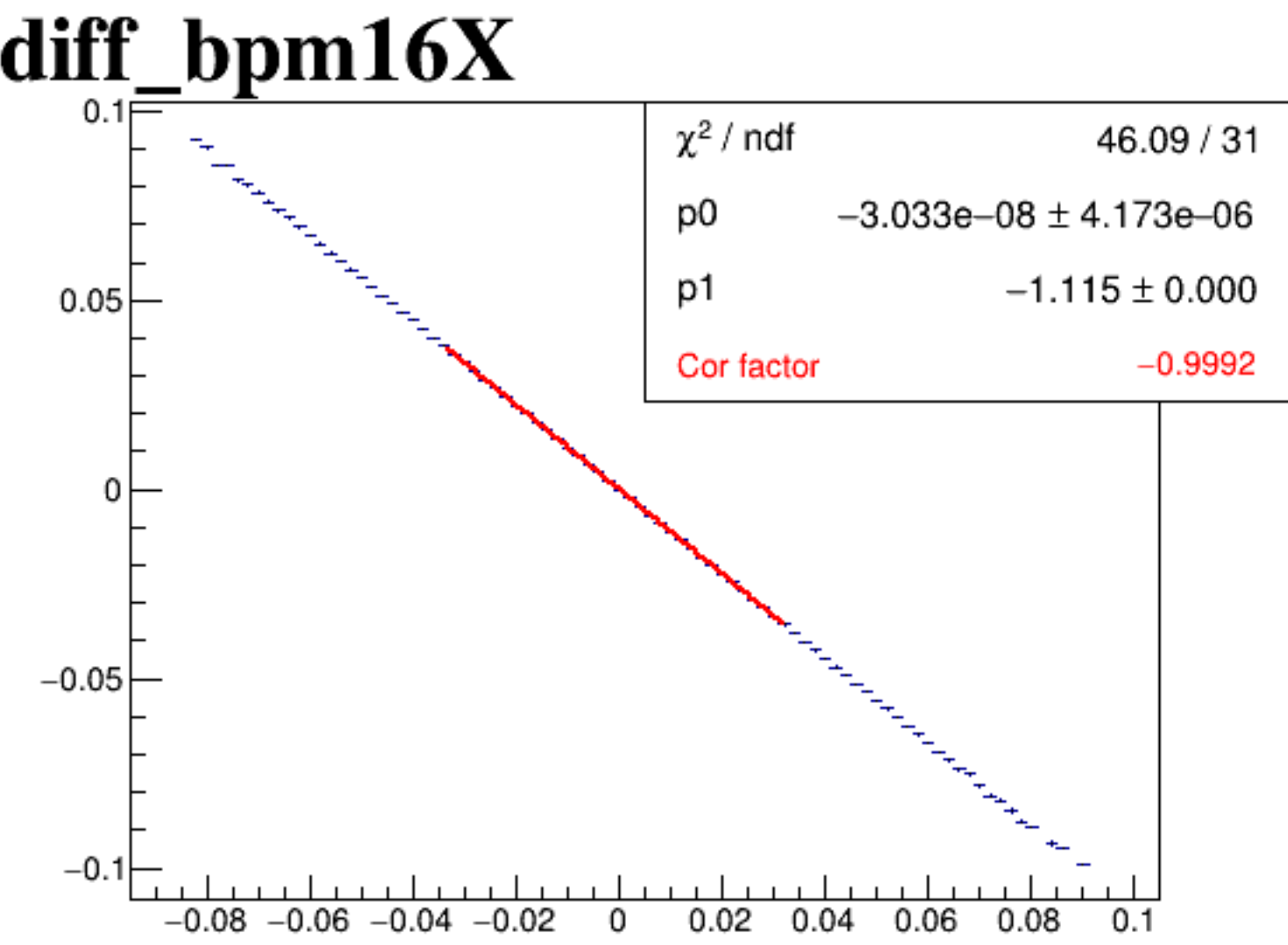
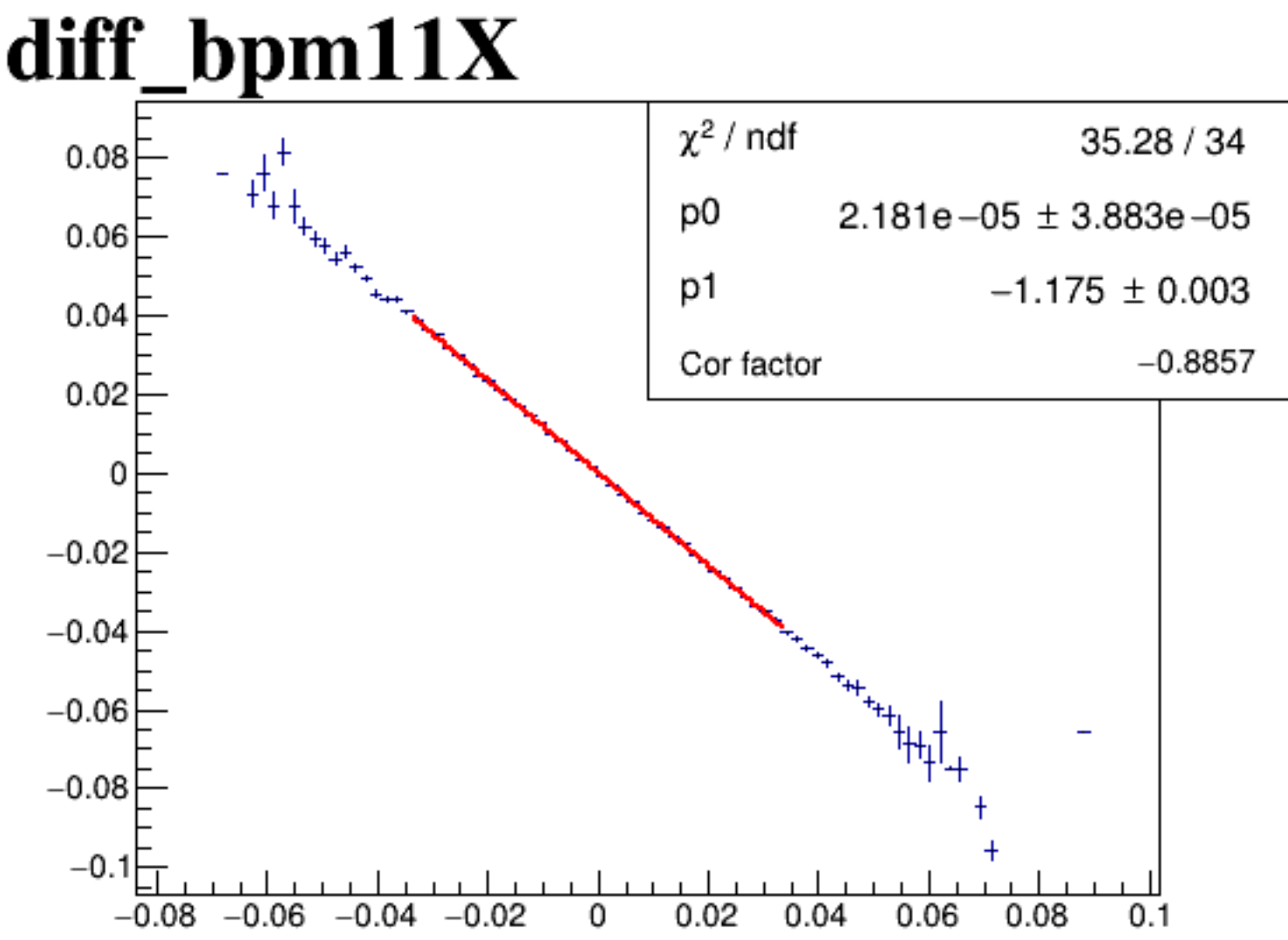
diff_bpm4aX



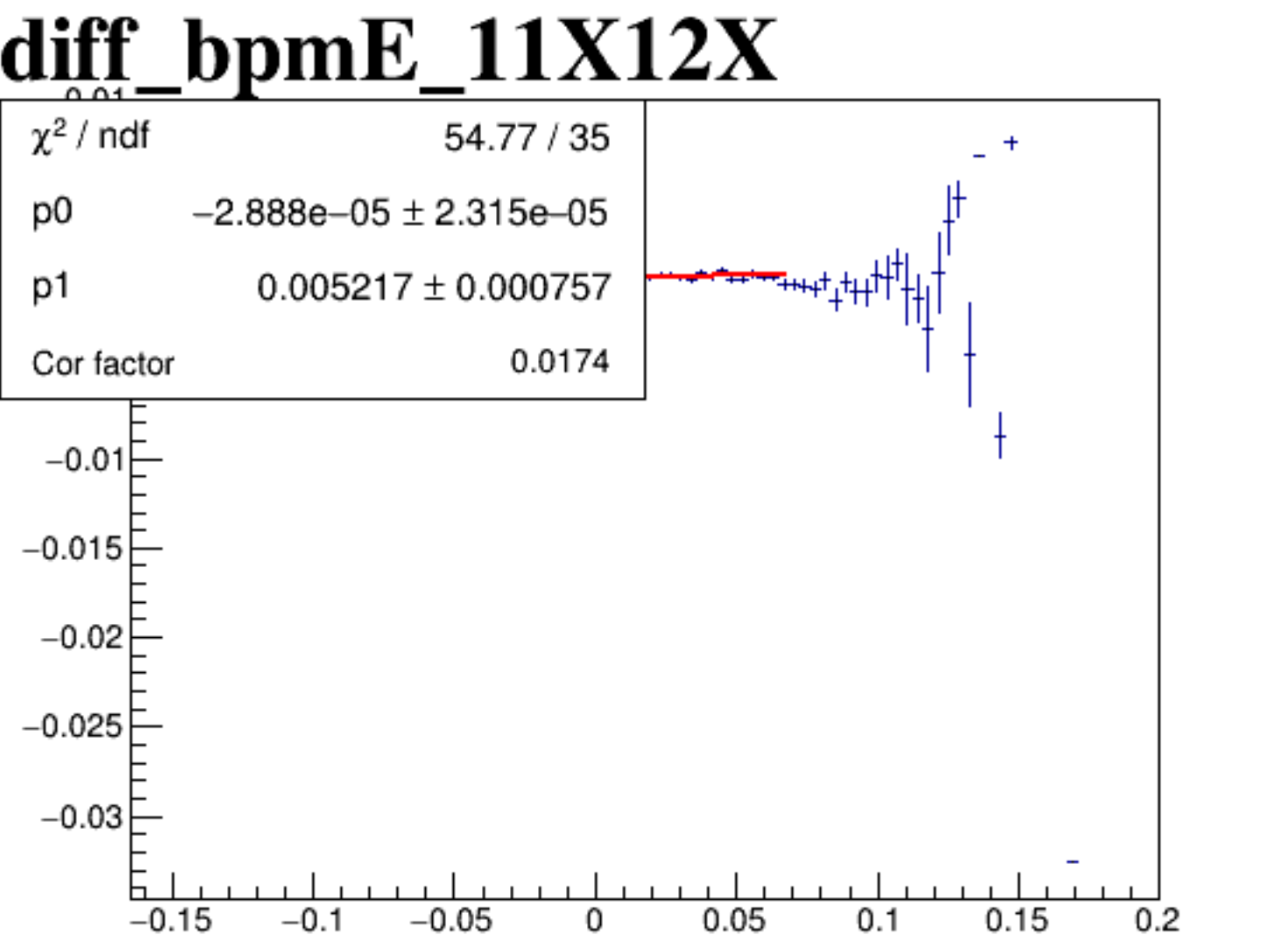
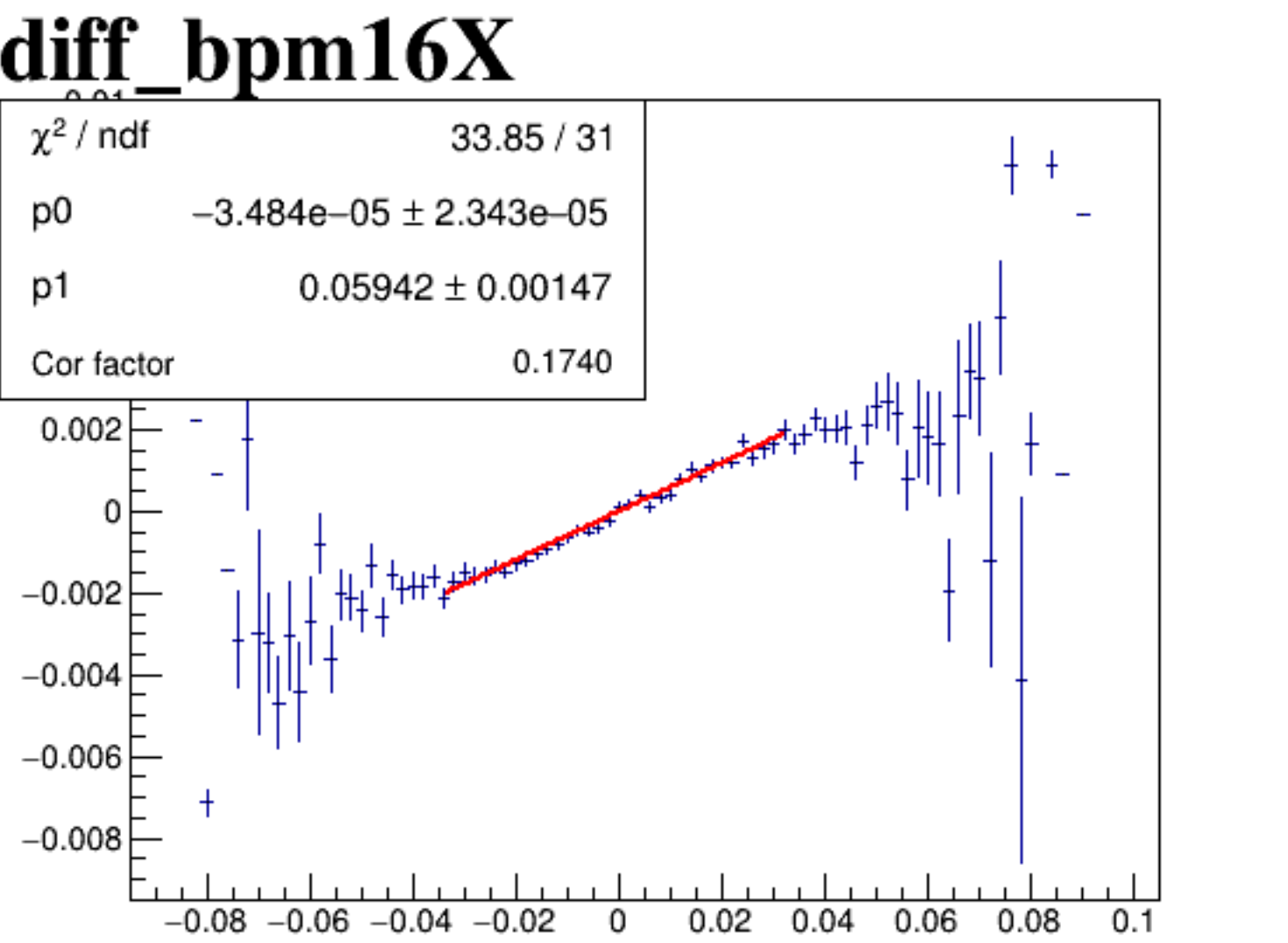
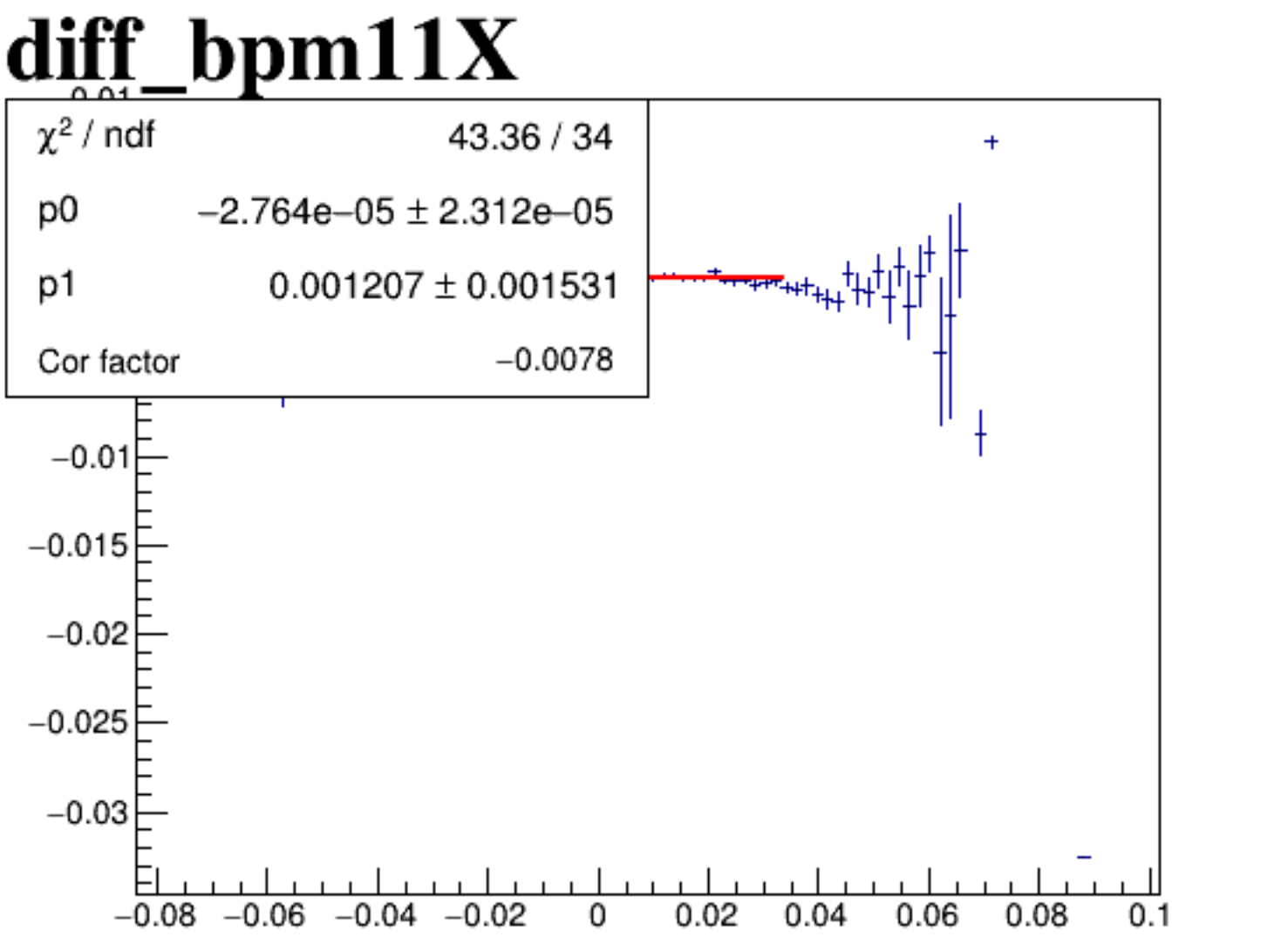
diff_bpm4aY



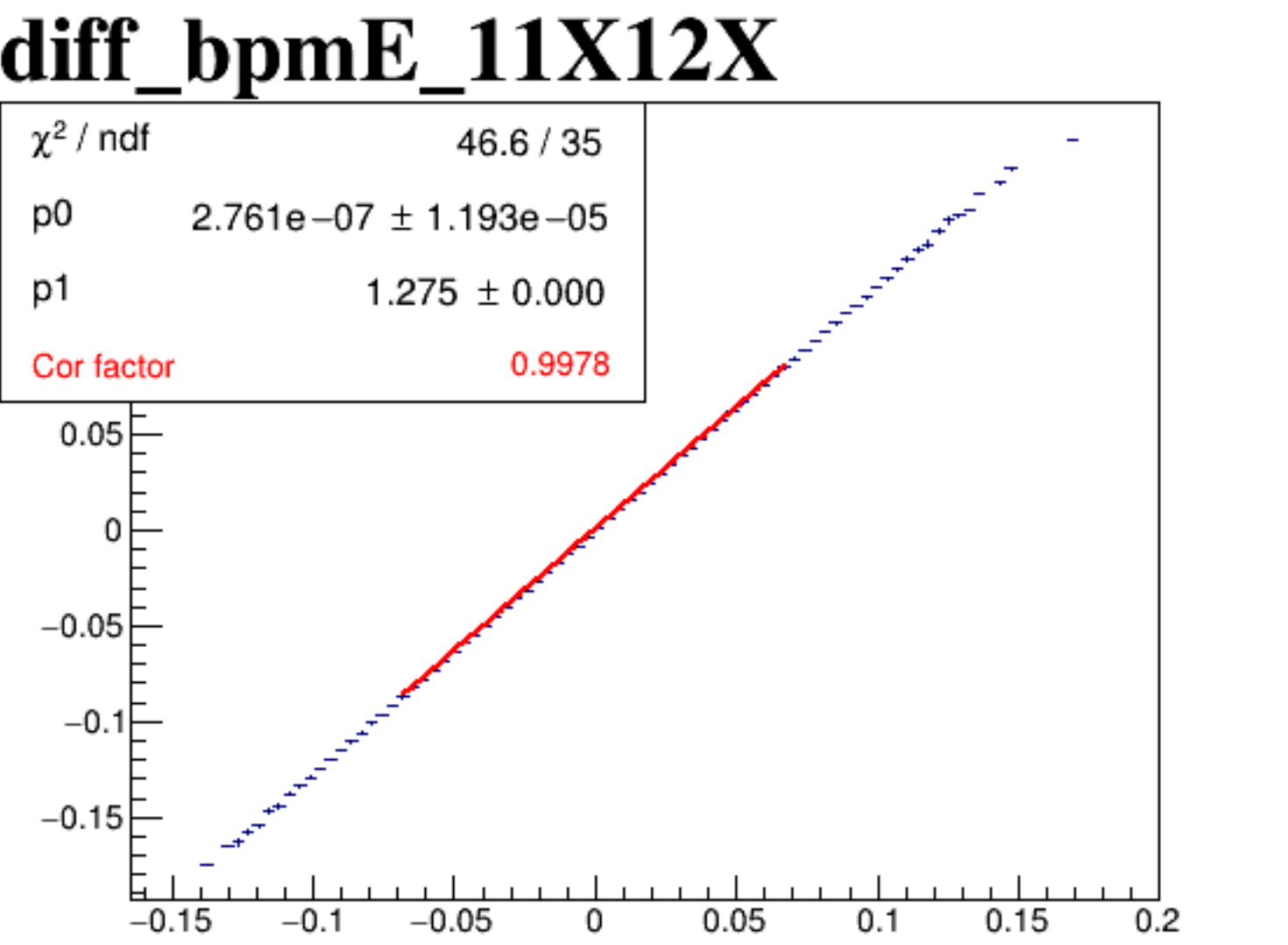
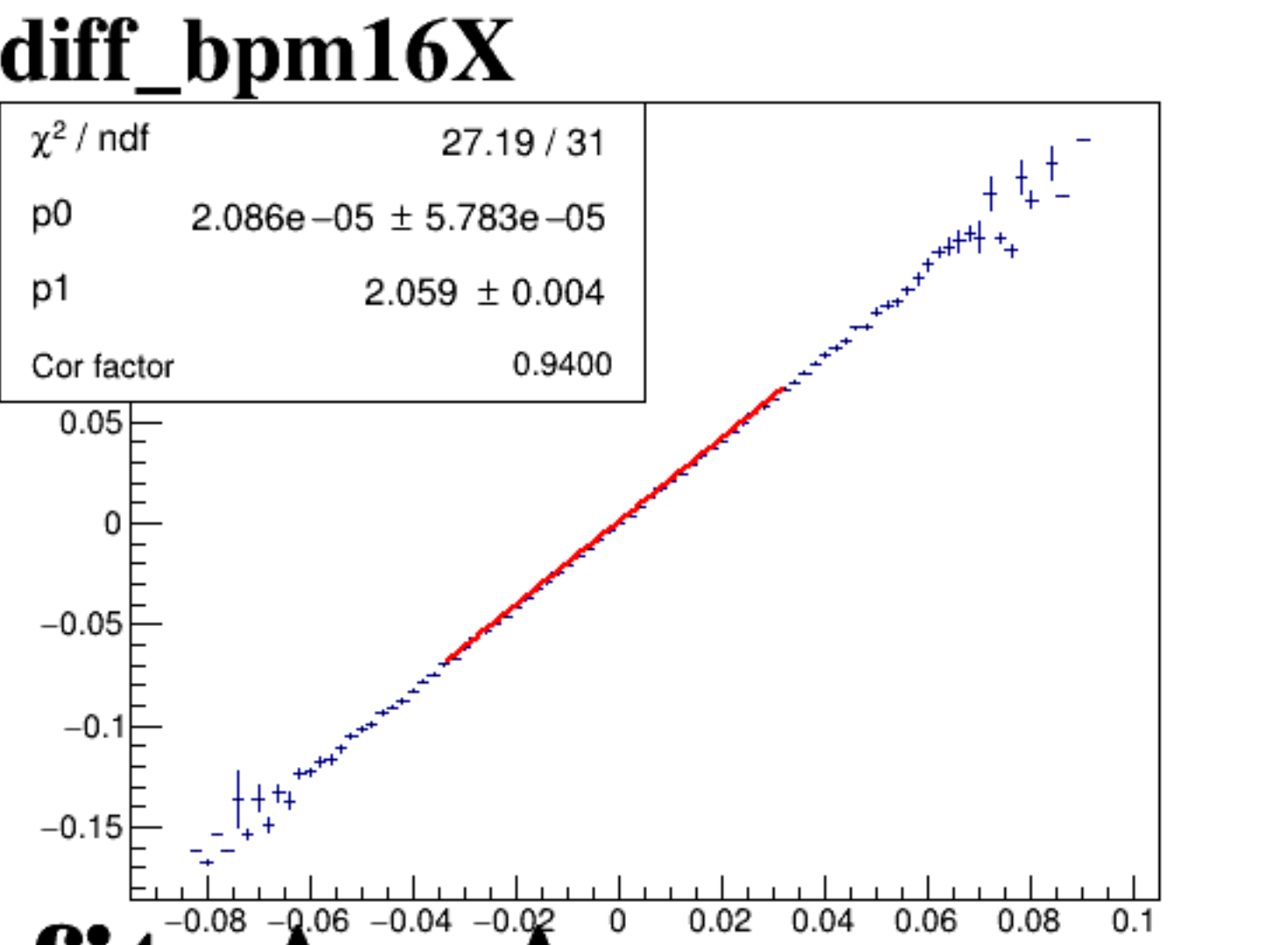
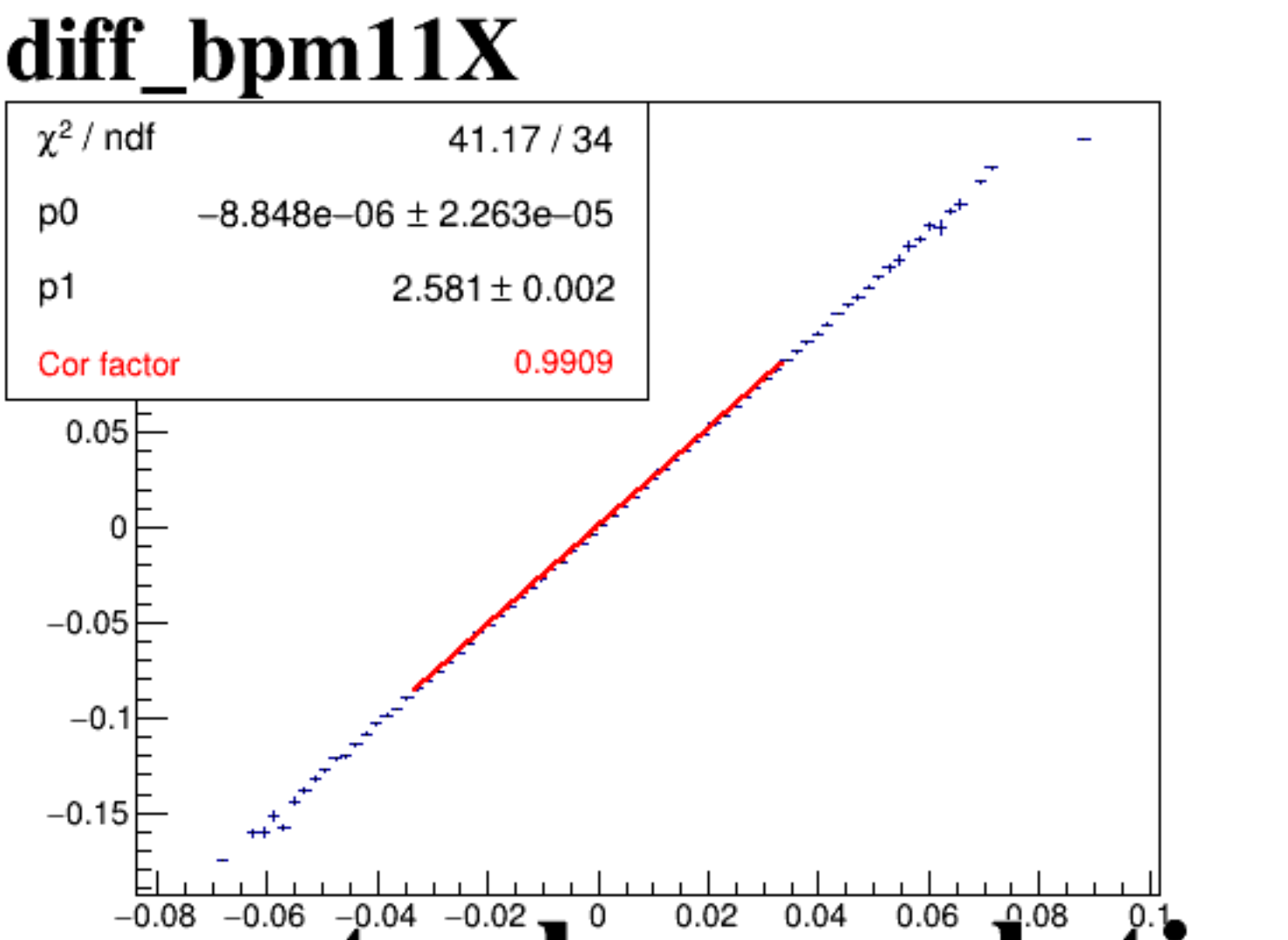
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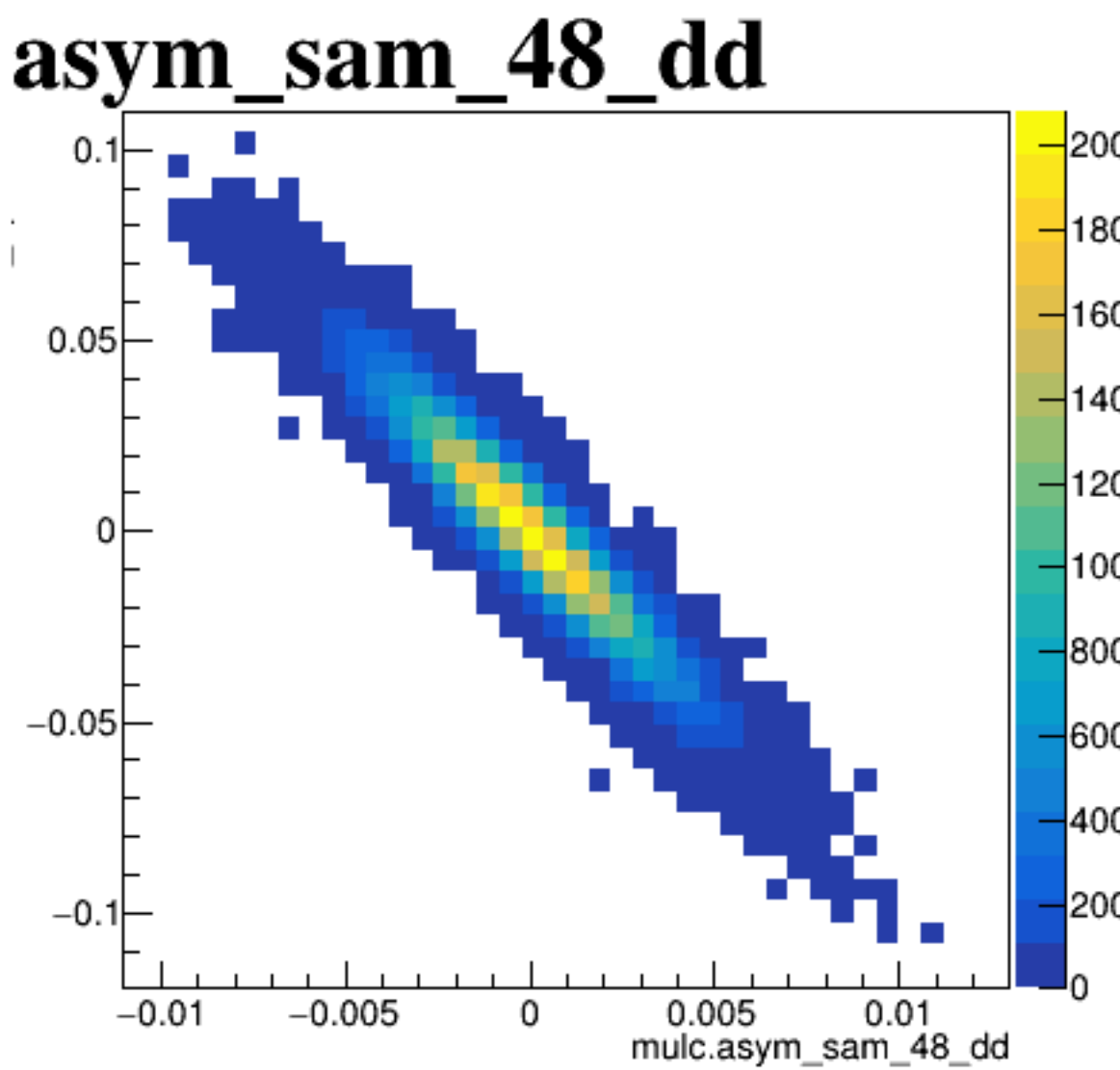
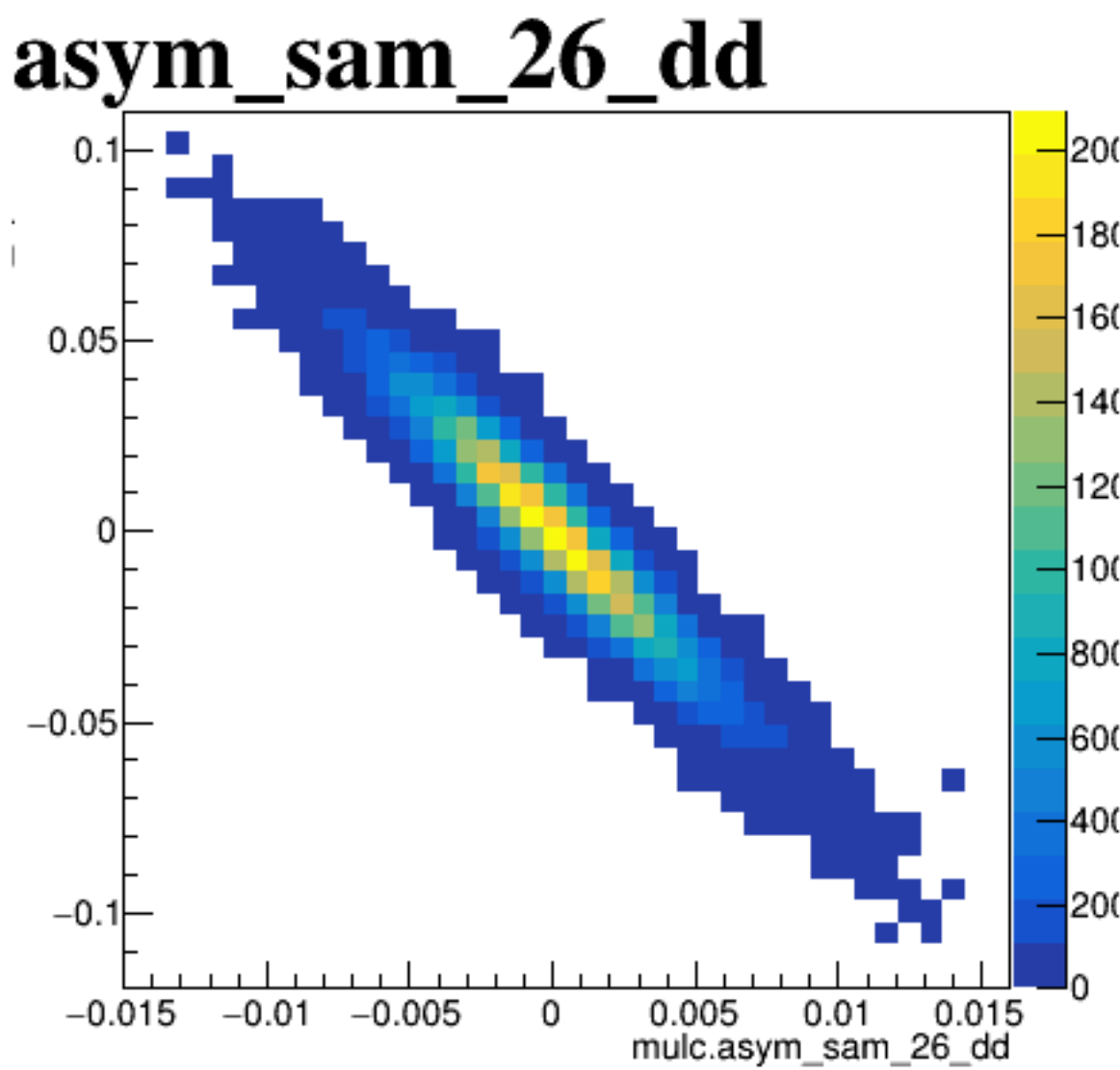
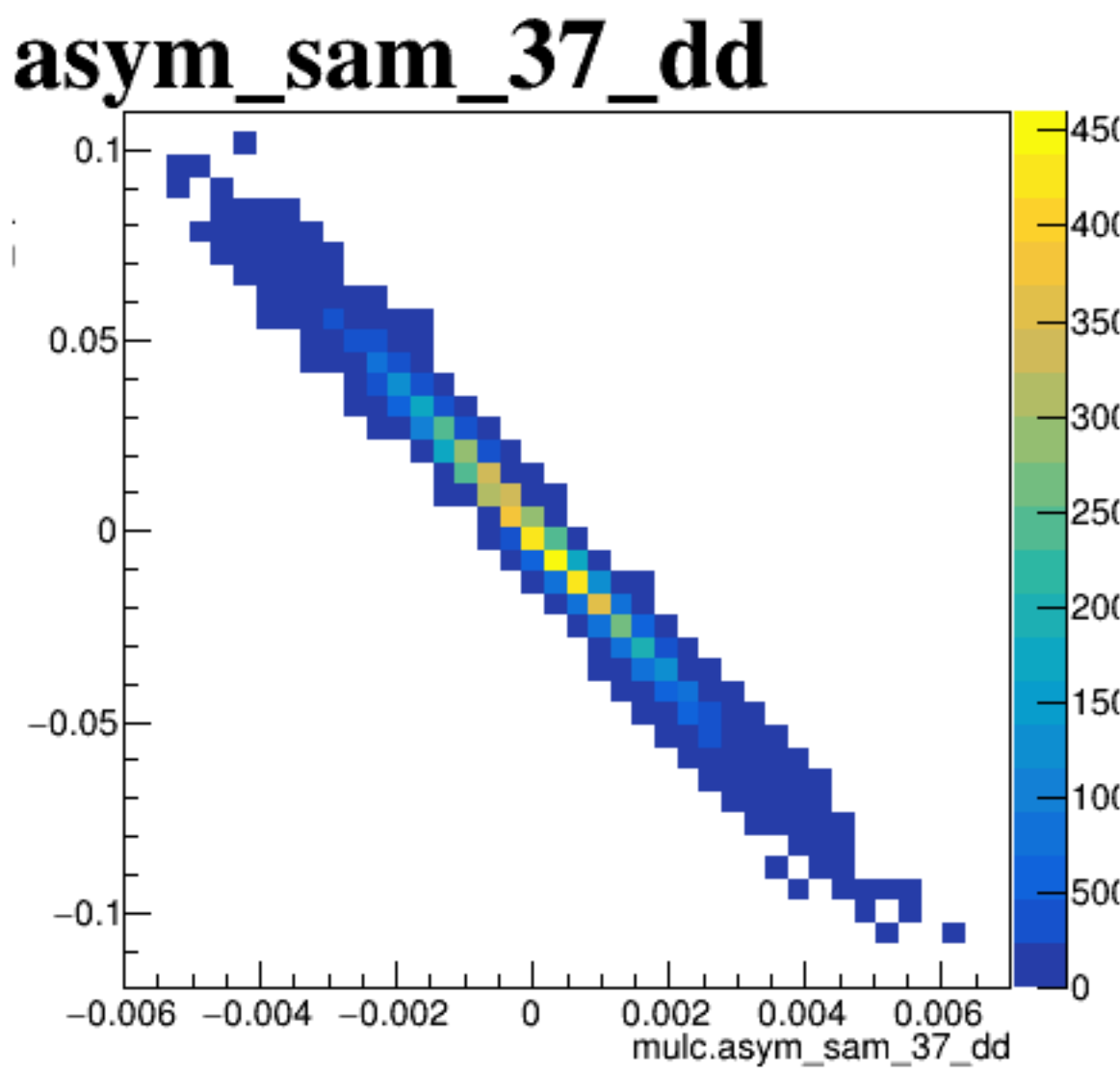
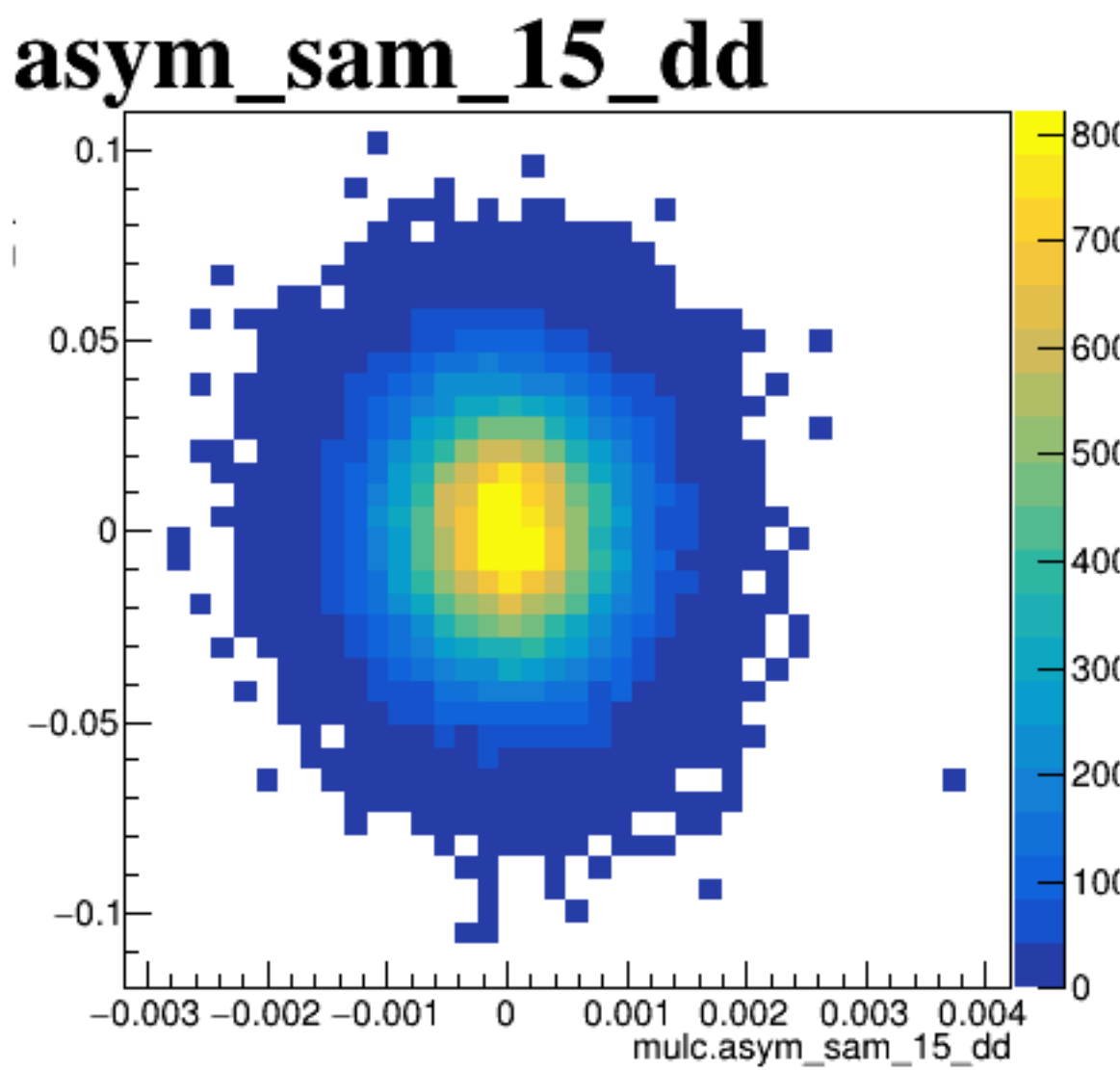
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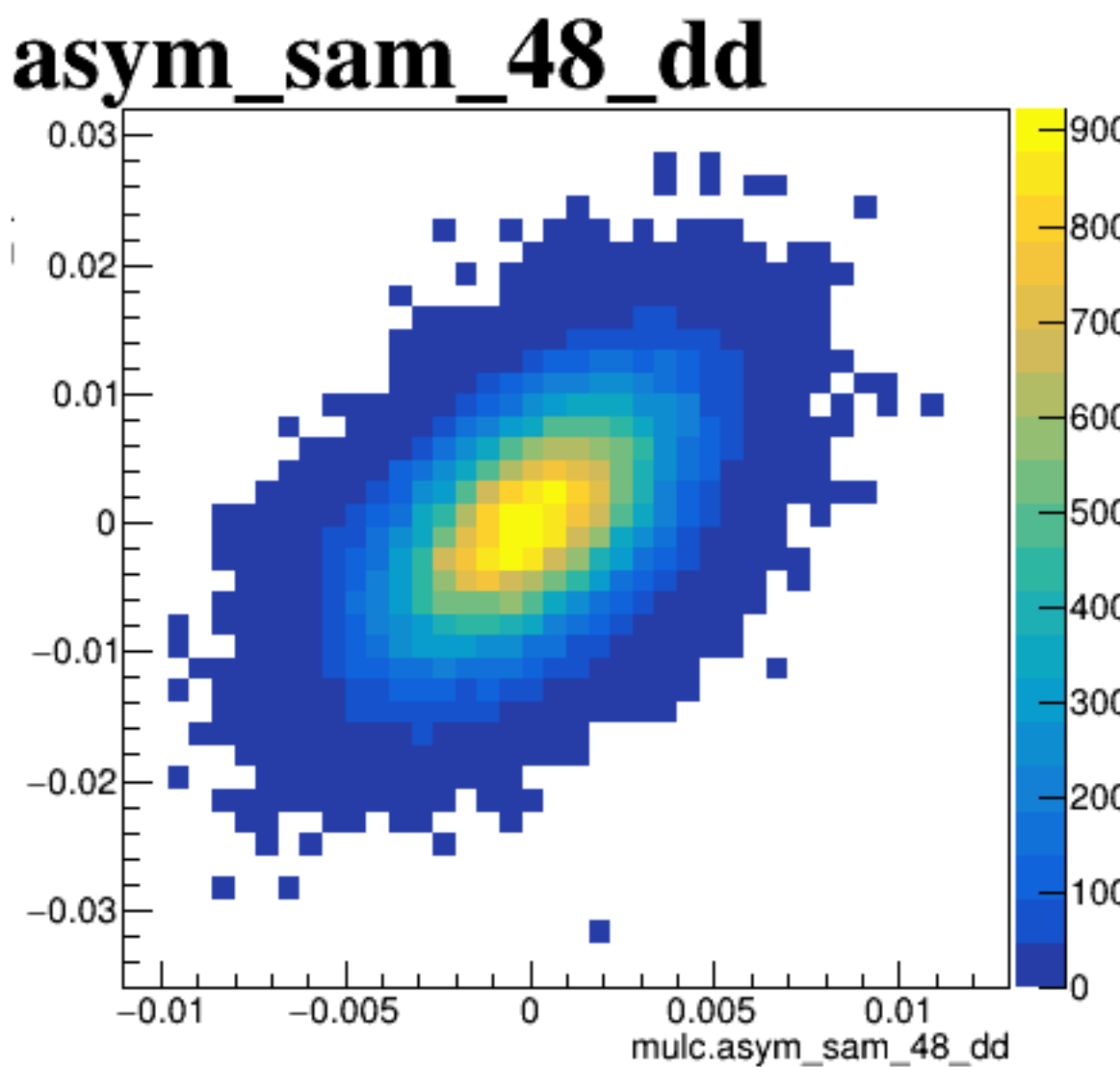
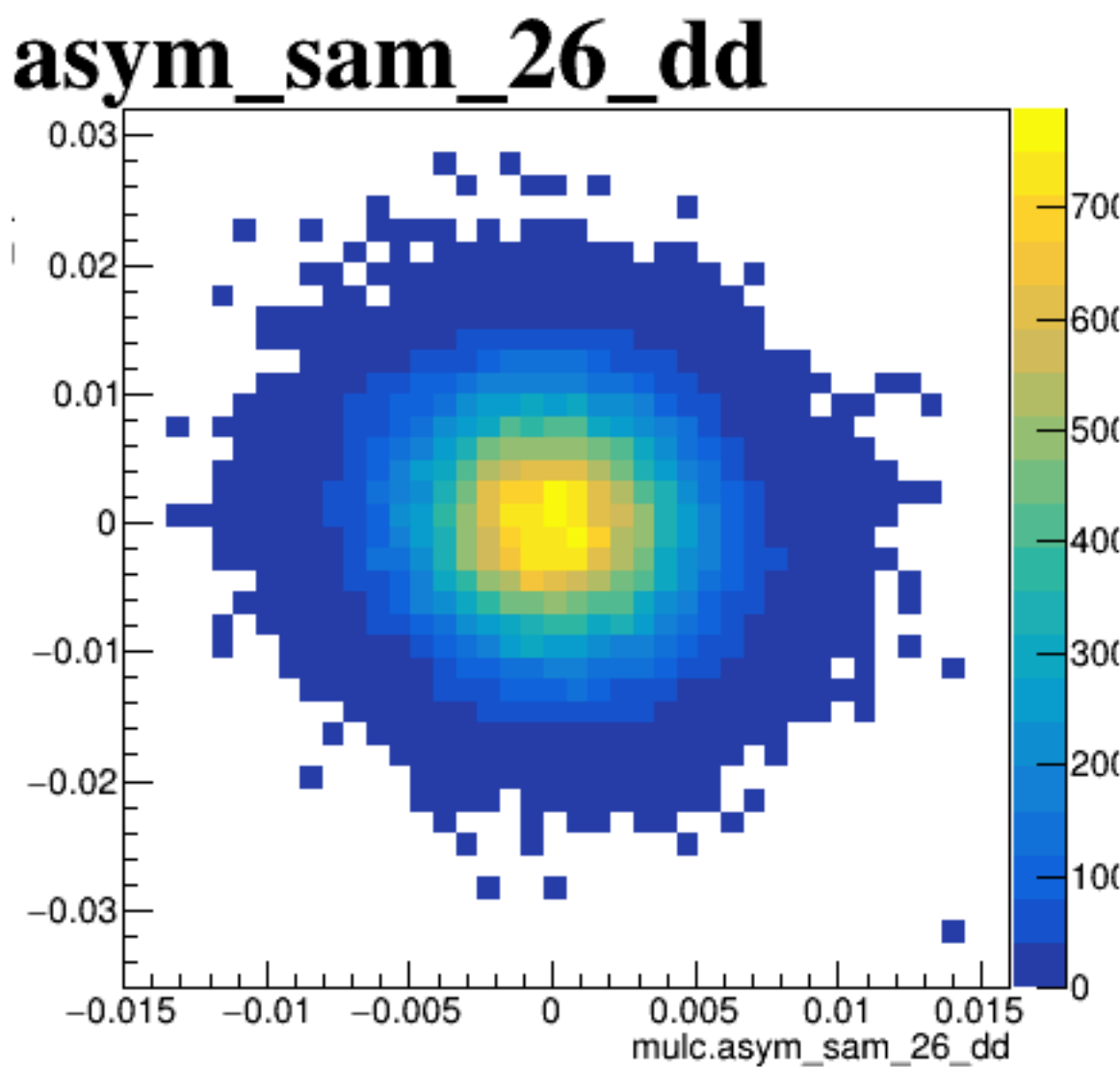
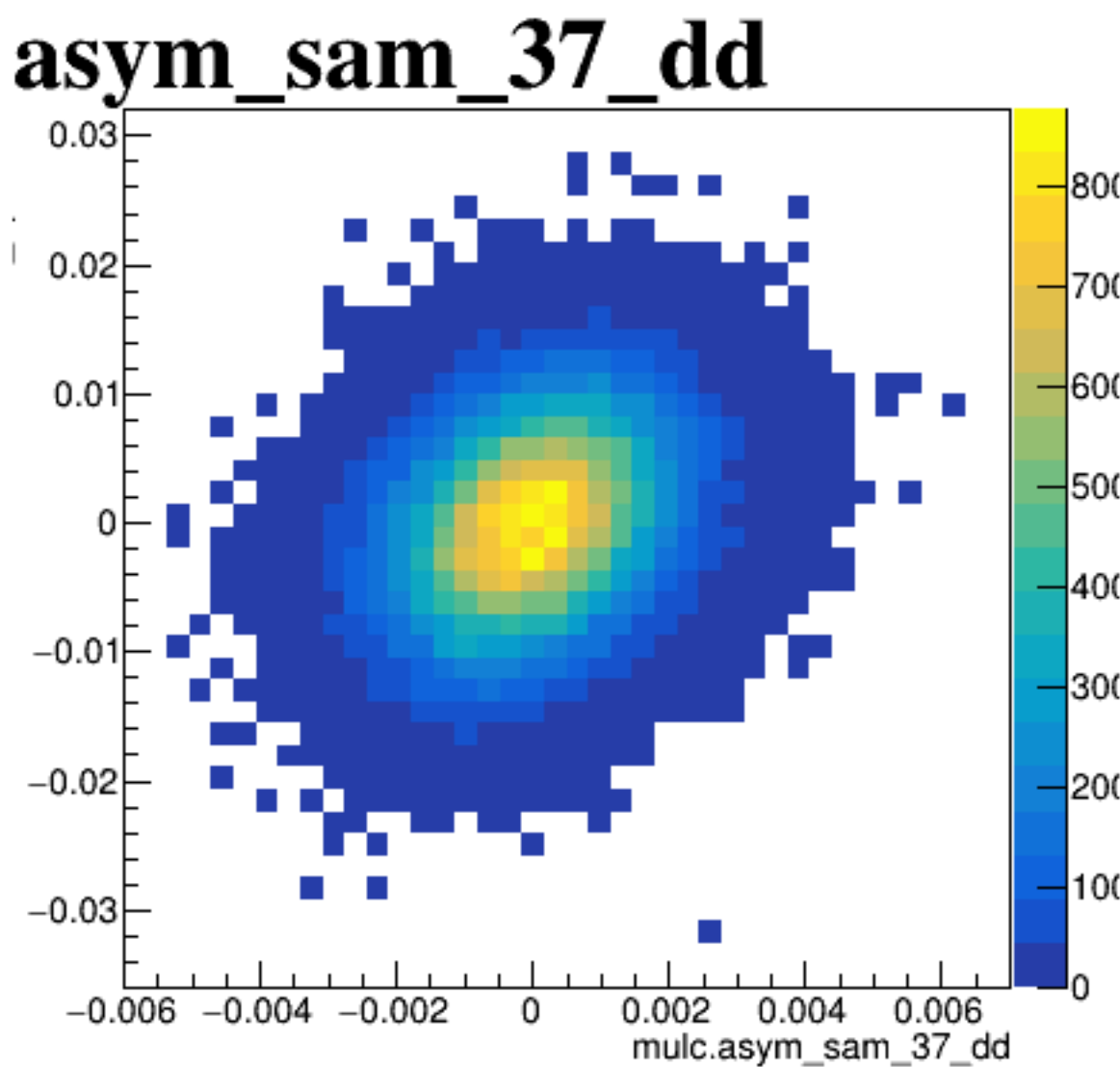
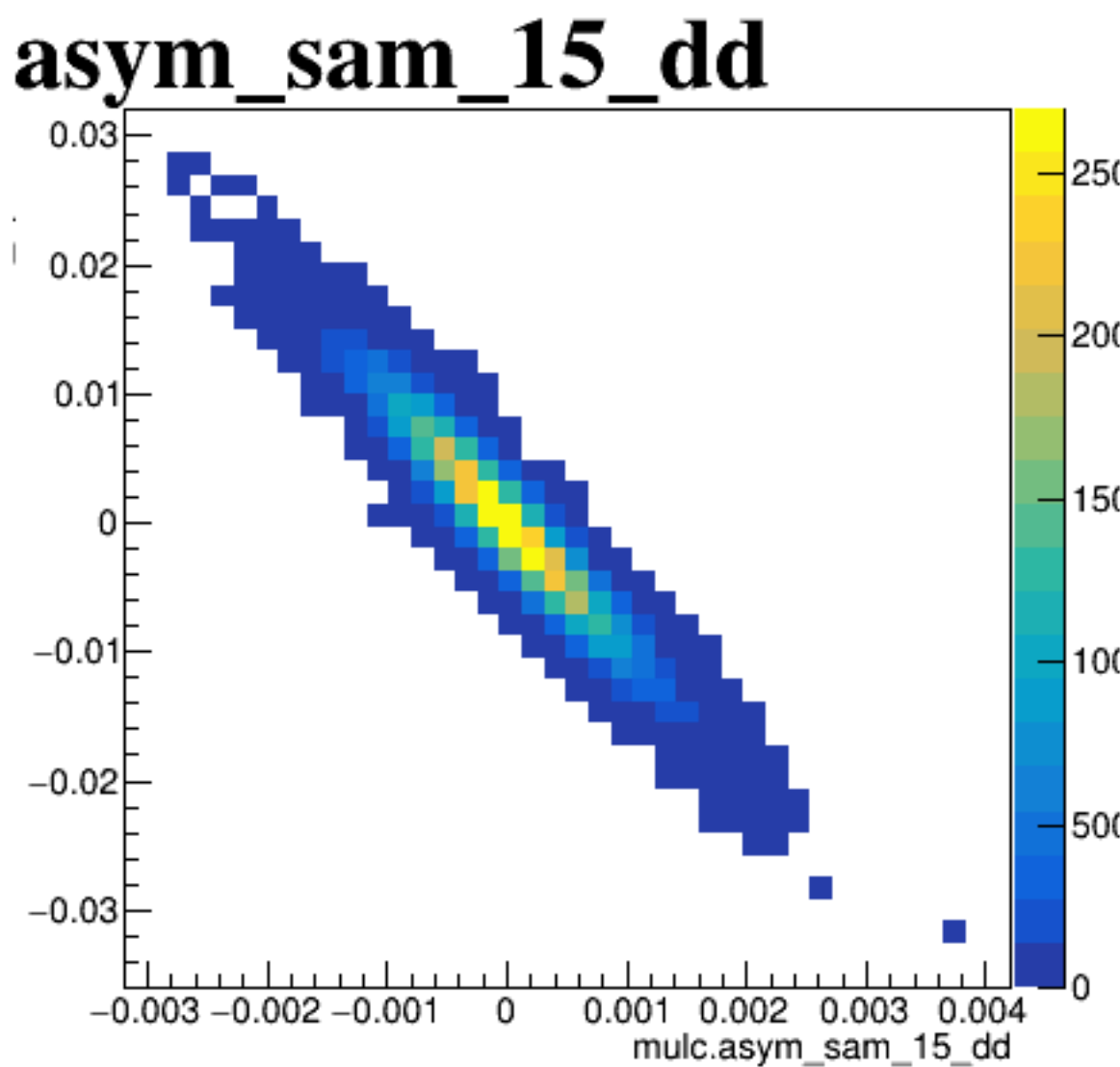
diff_bpm12X



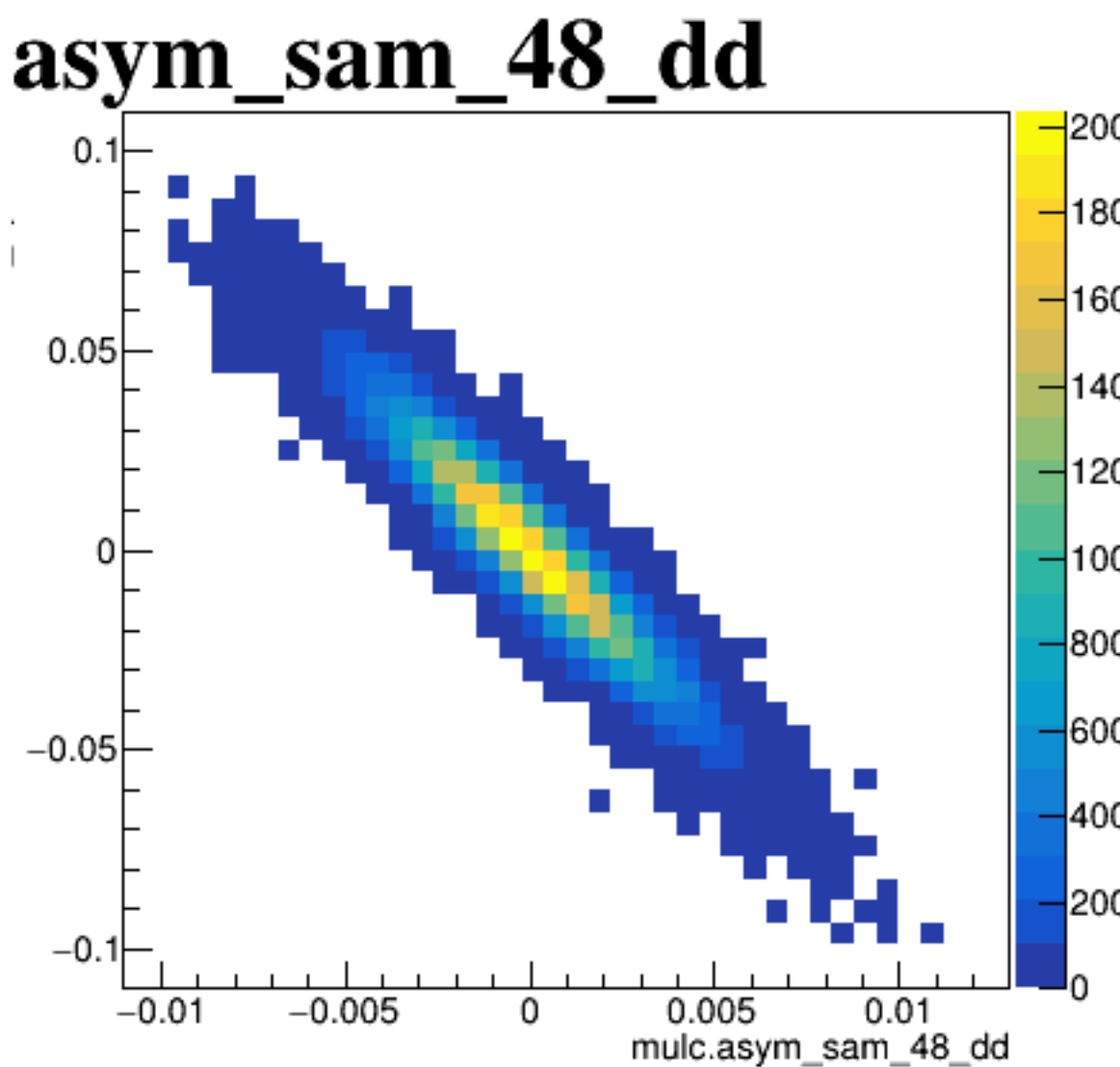
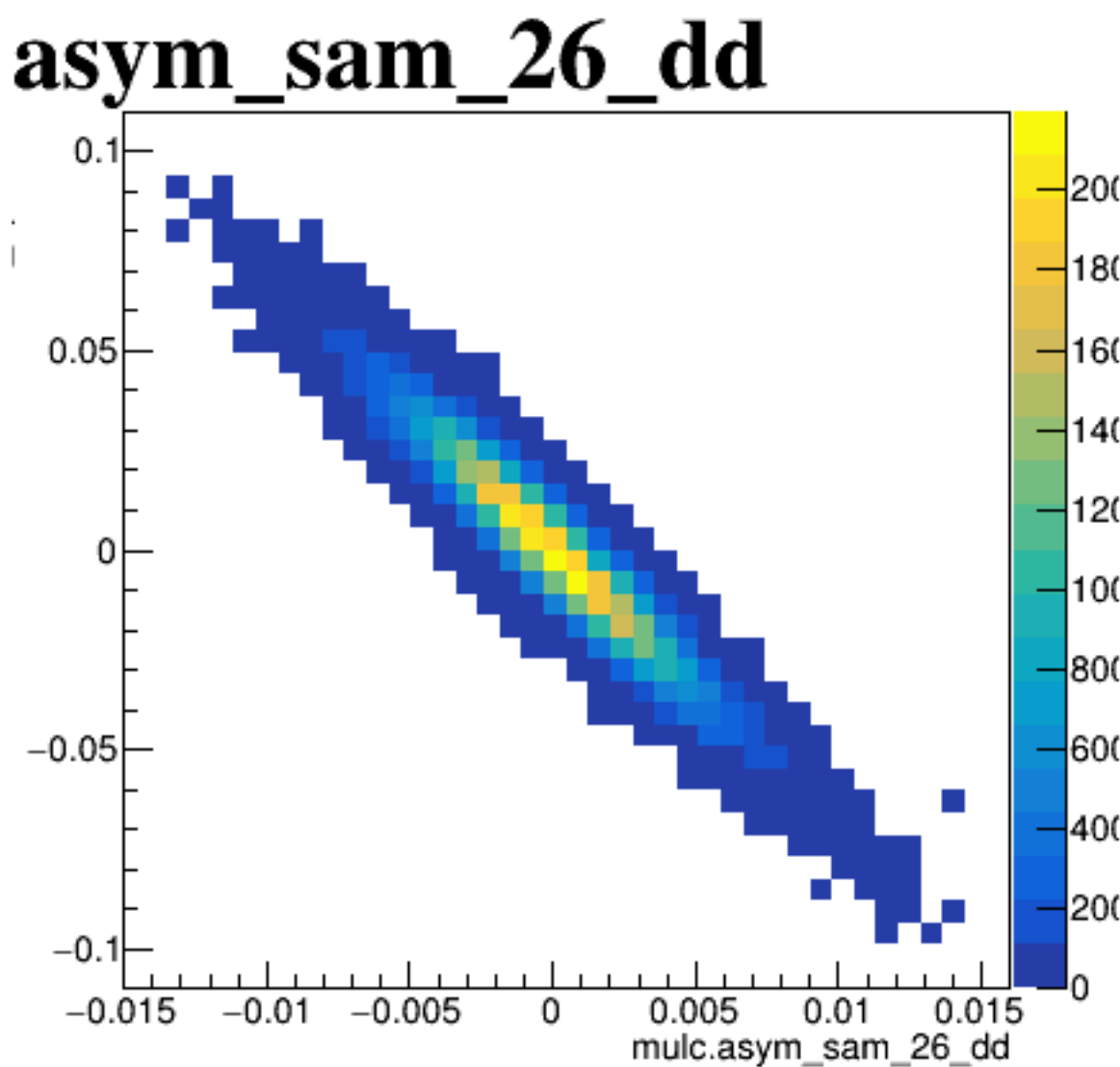
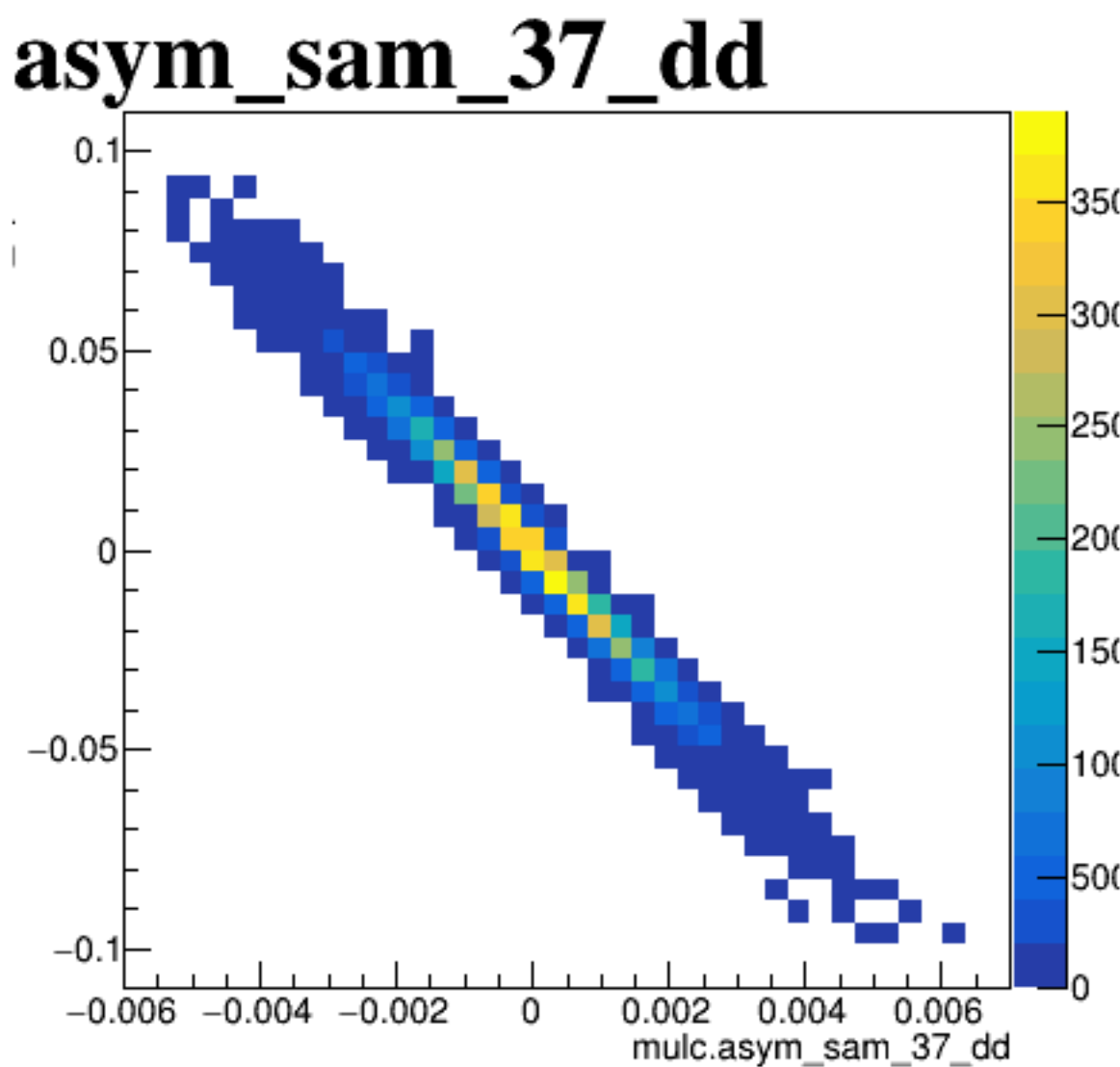
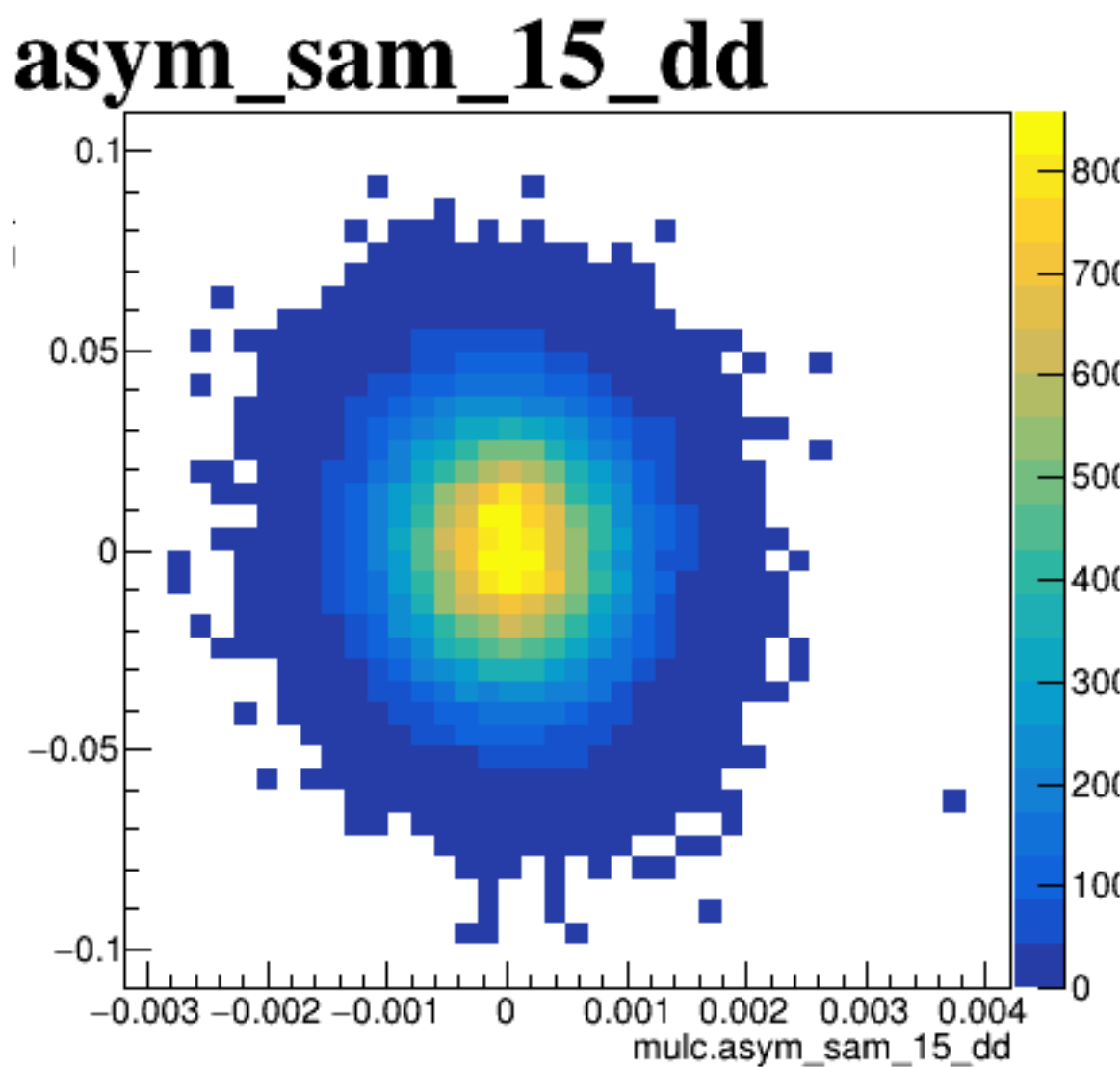
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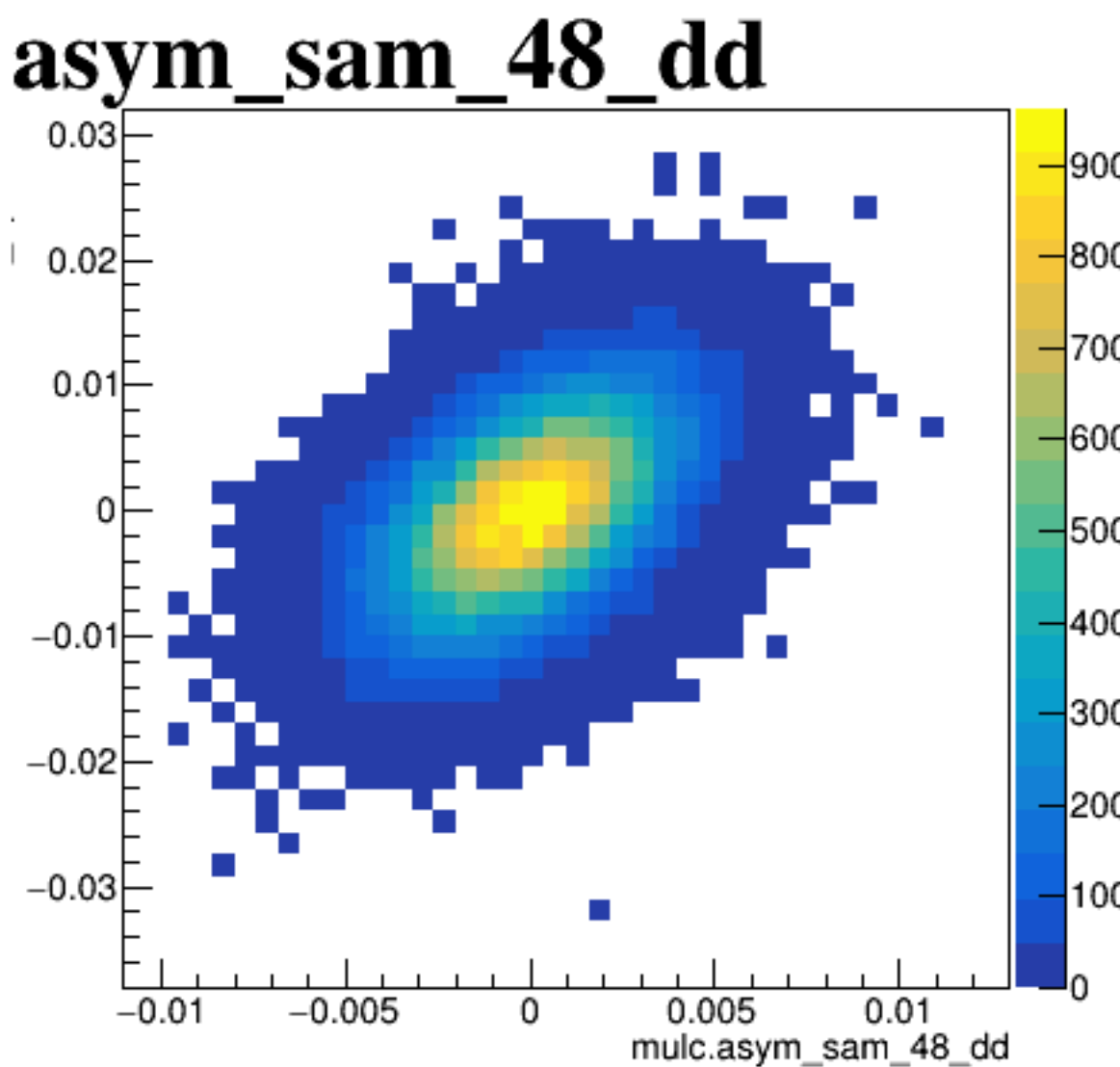
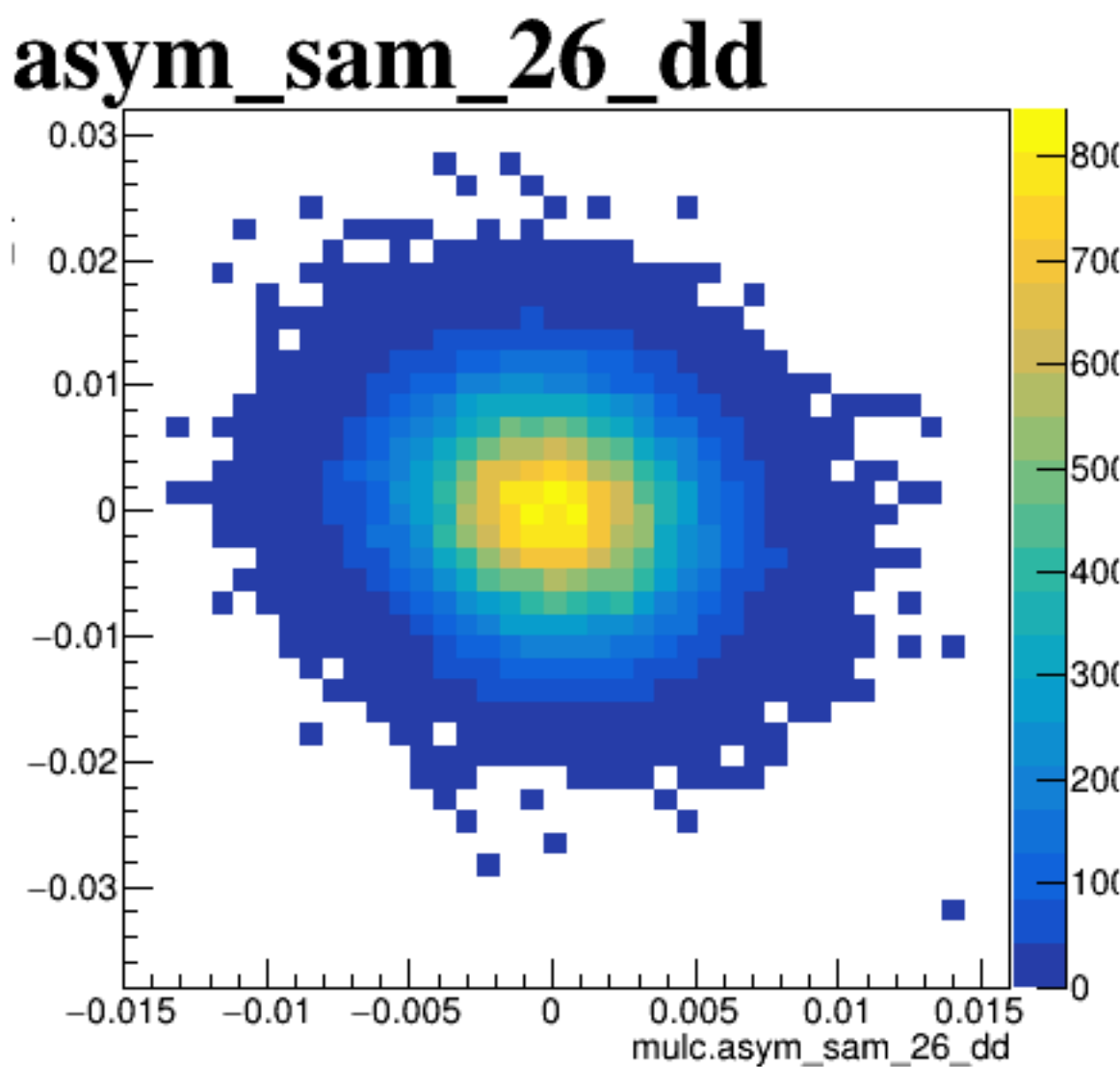
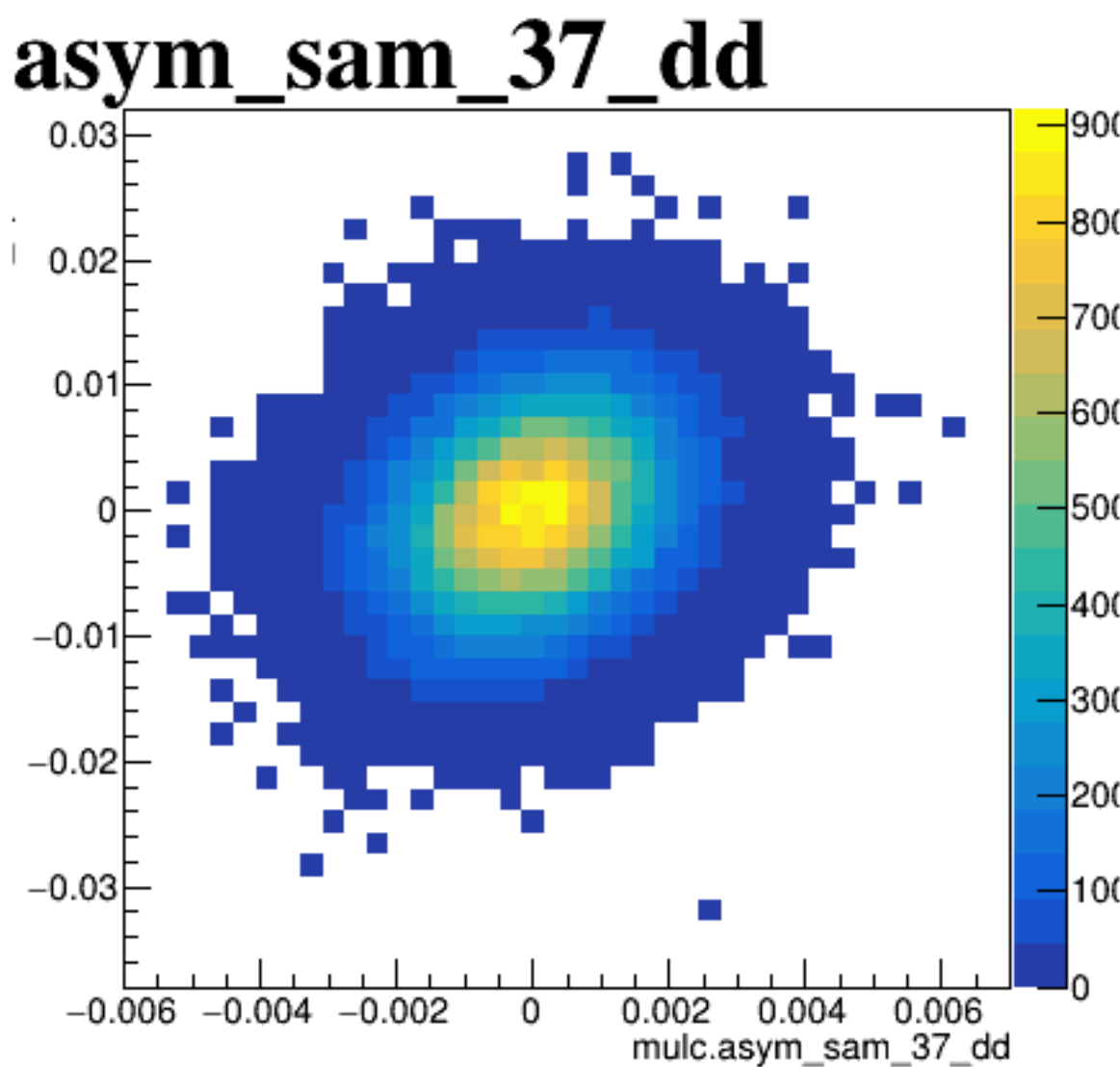
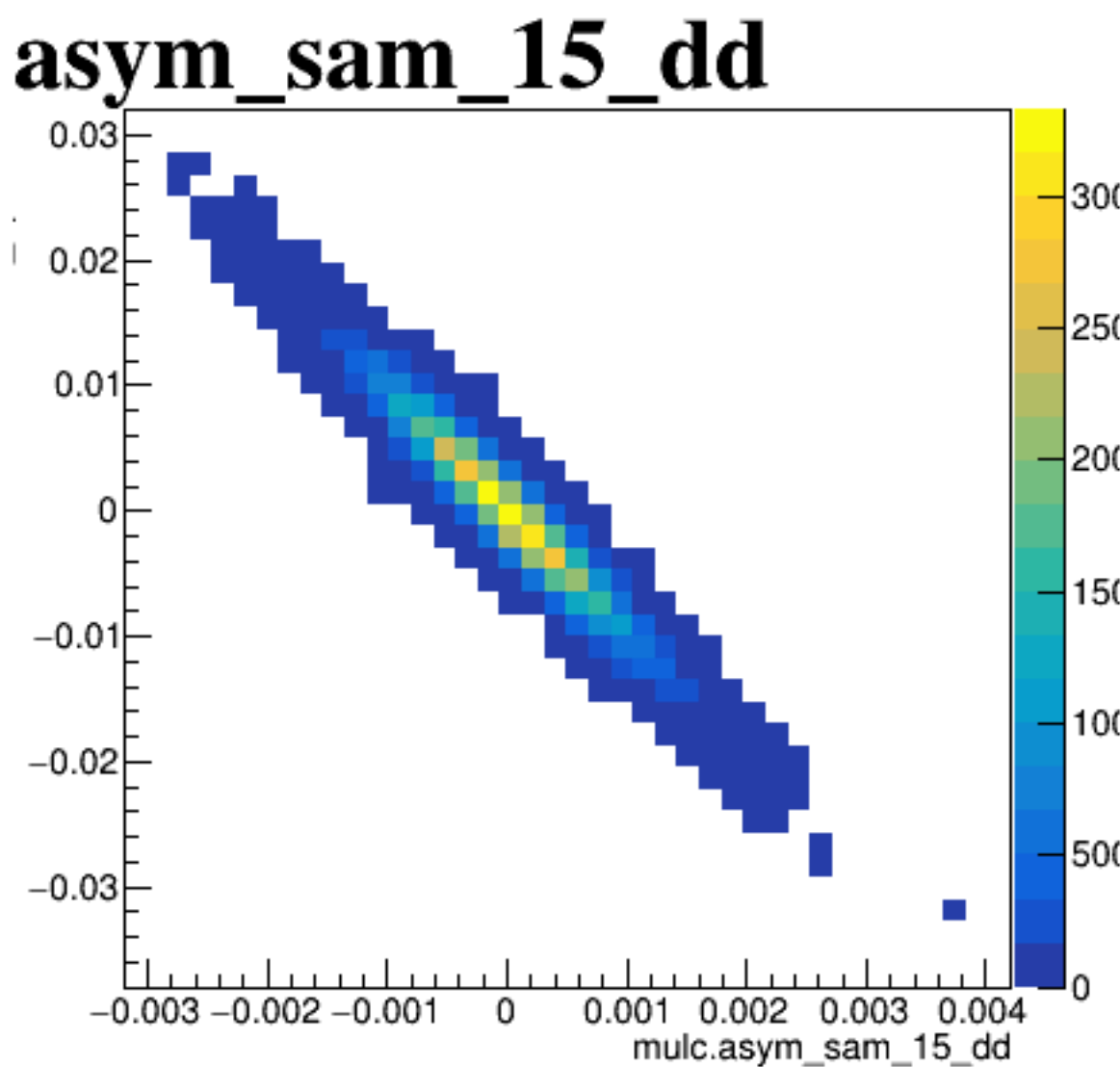
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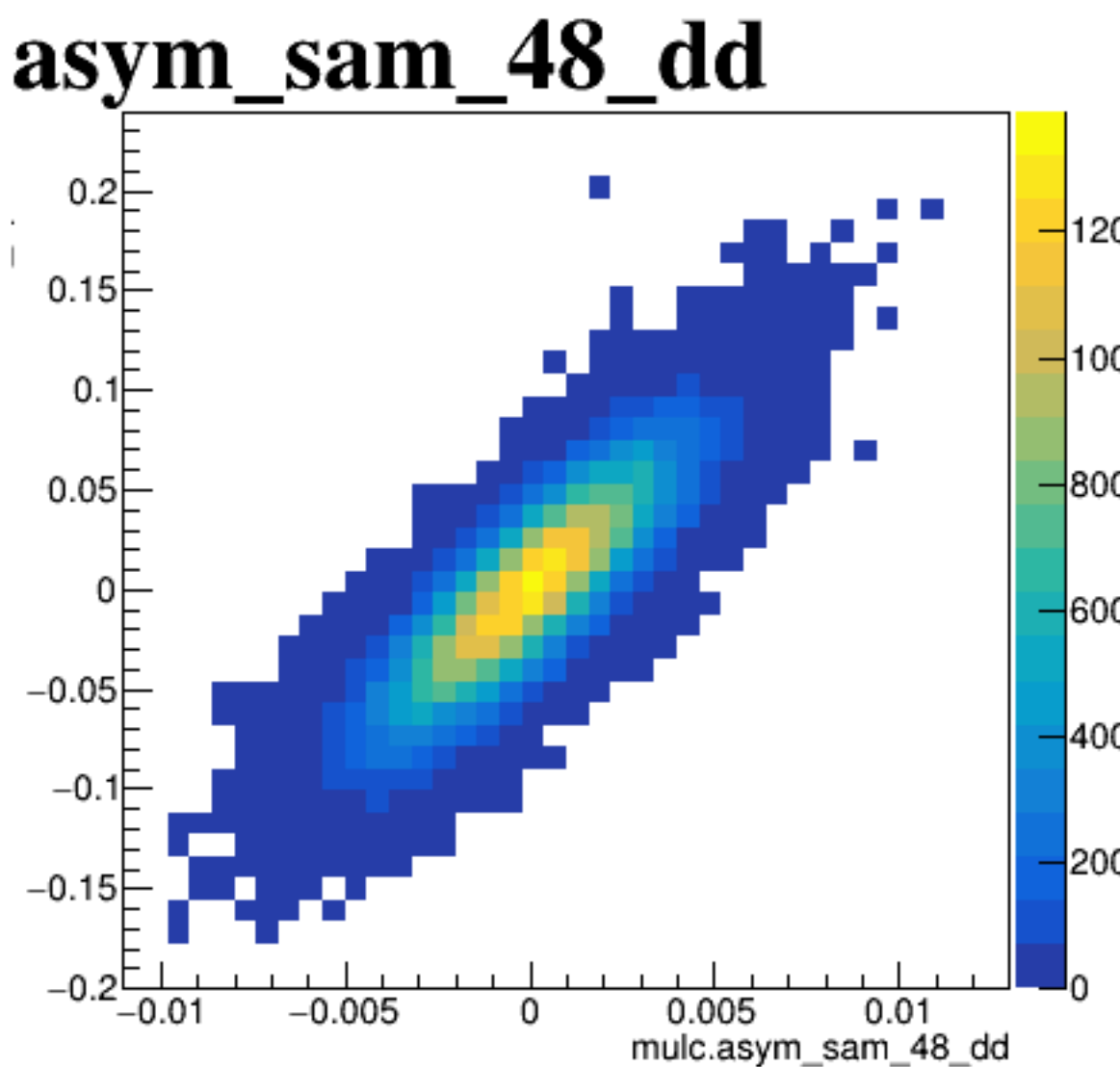
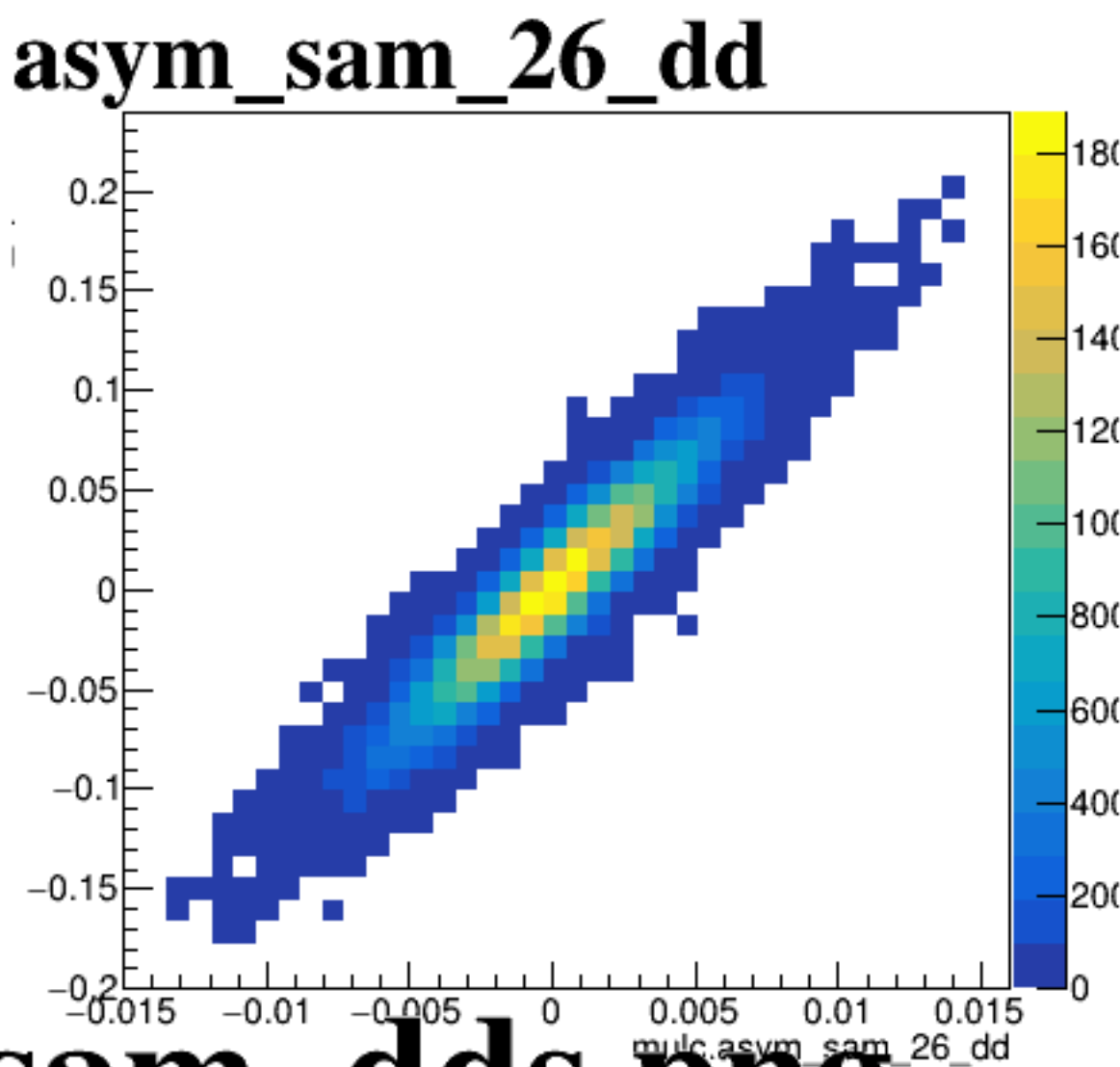
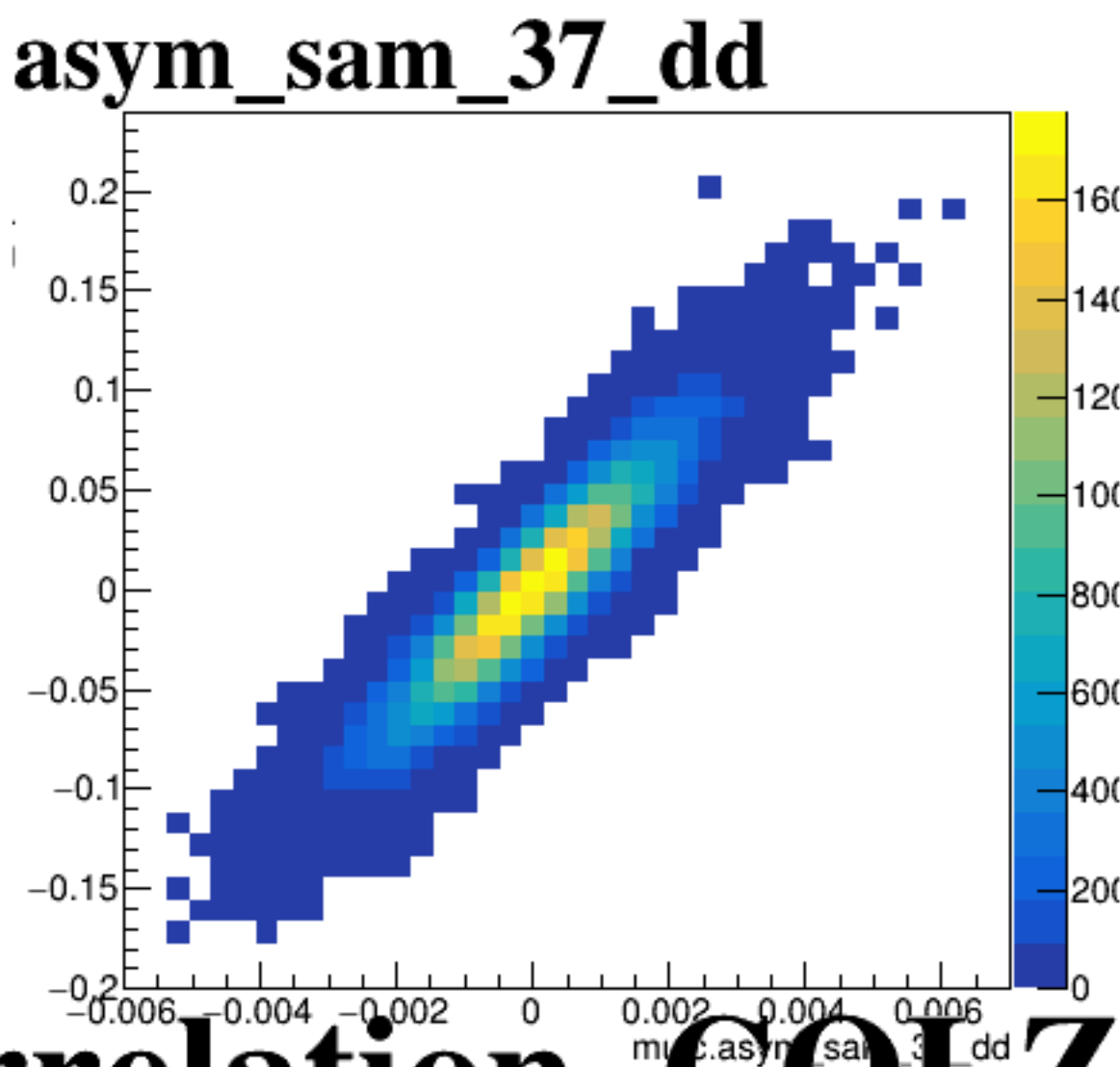
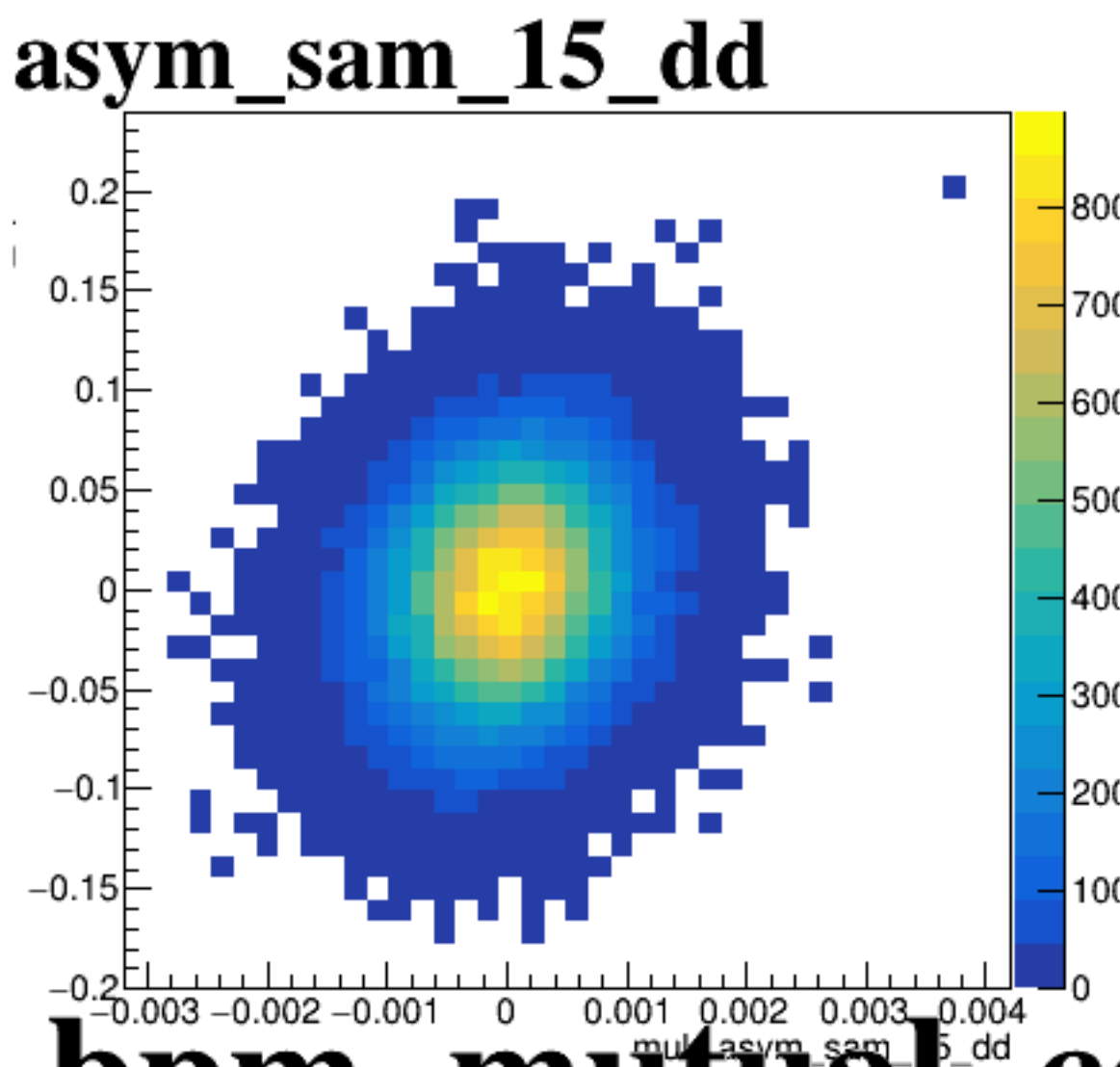
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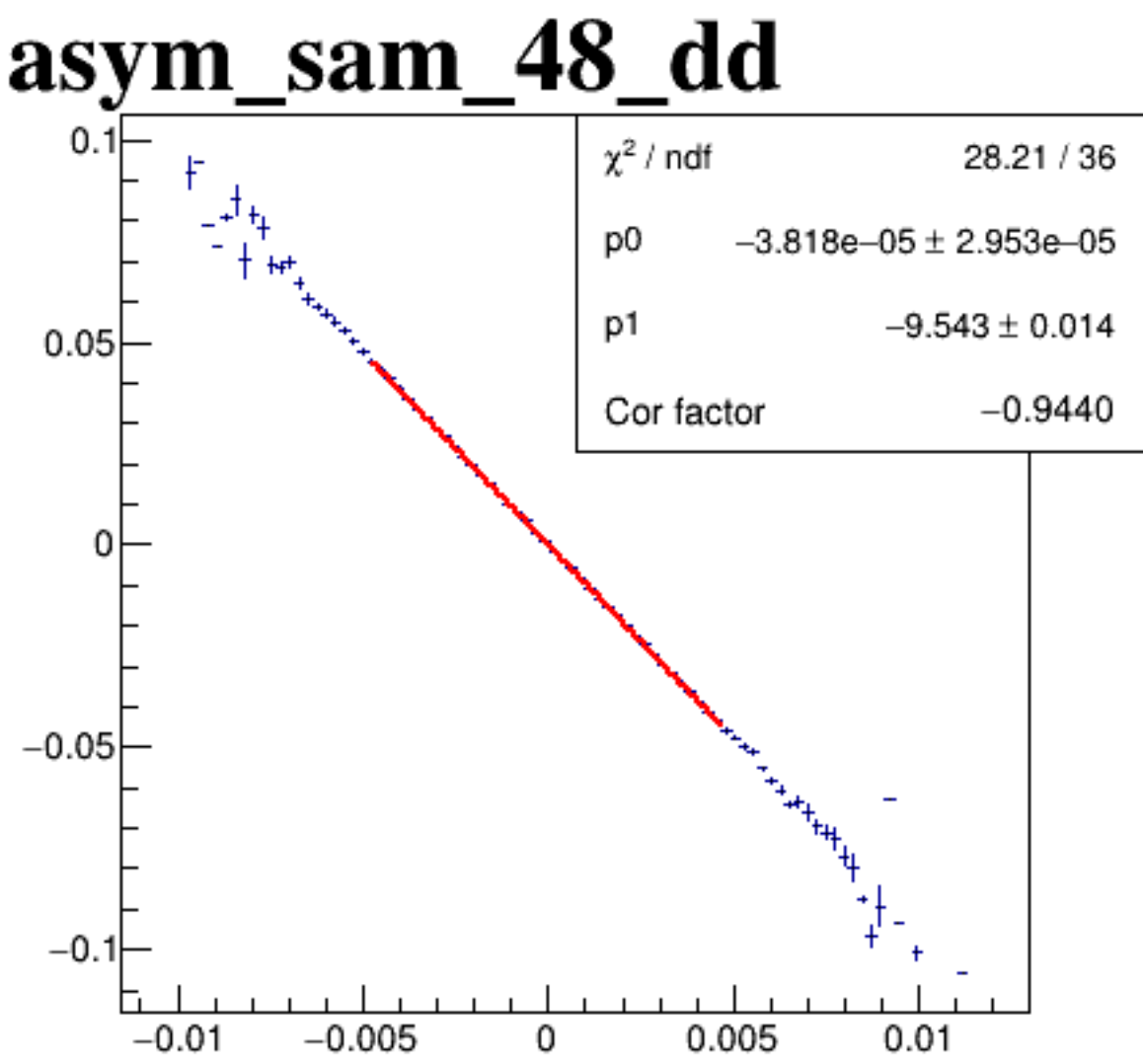
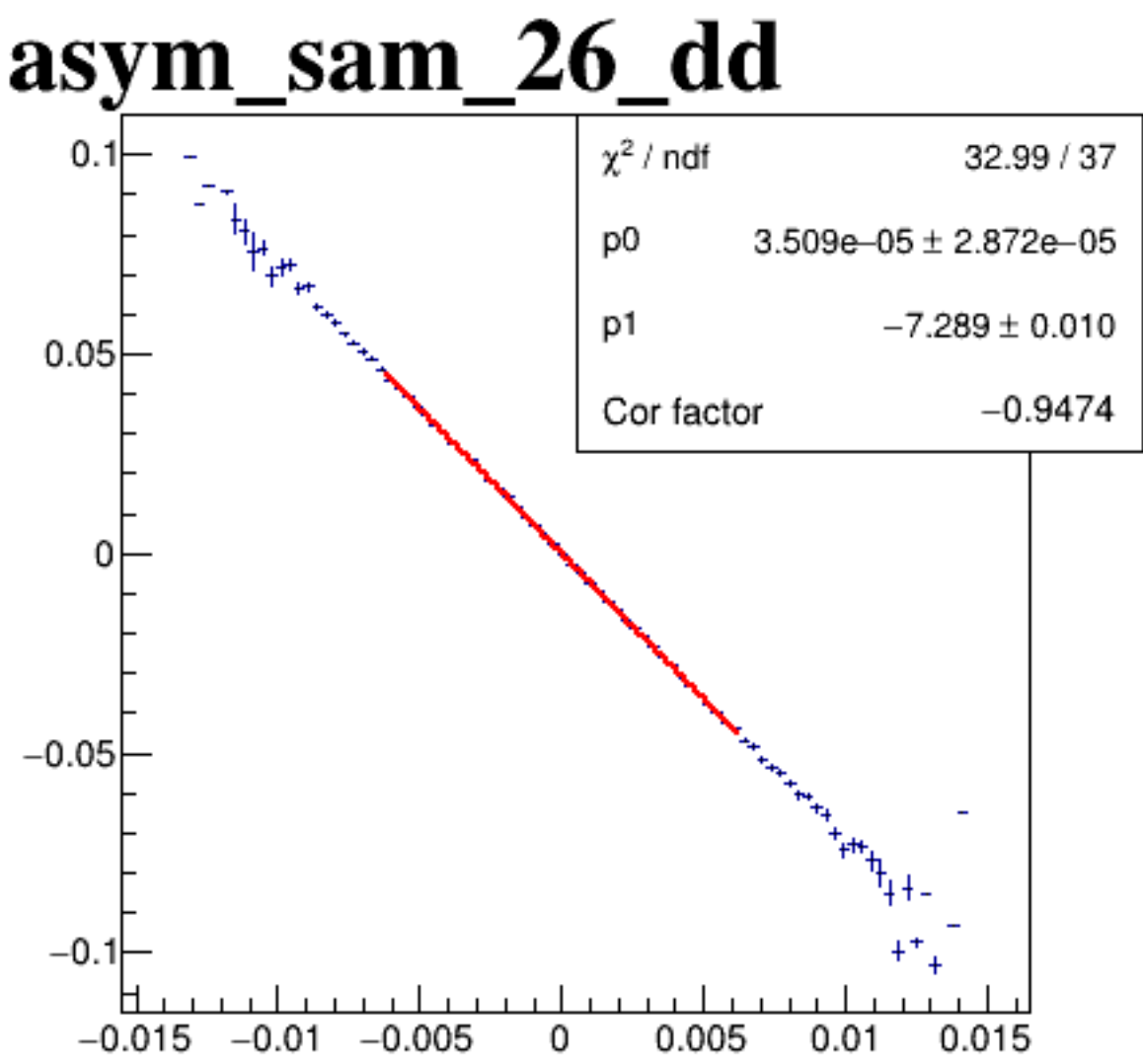
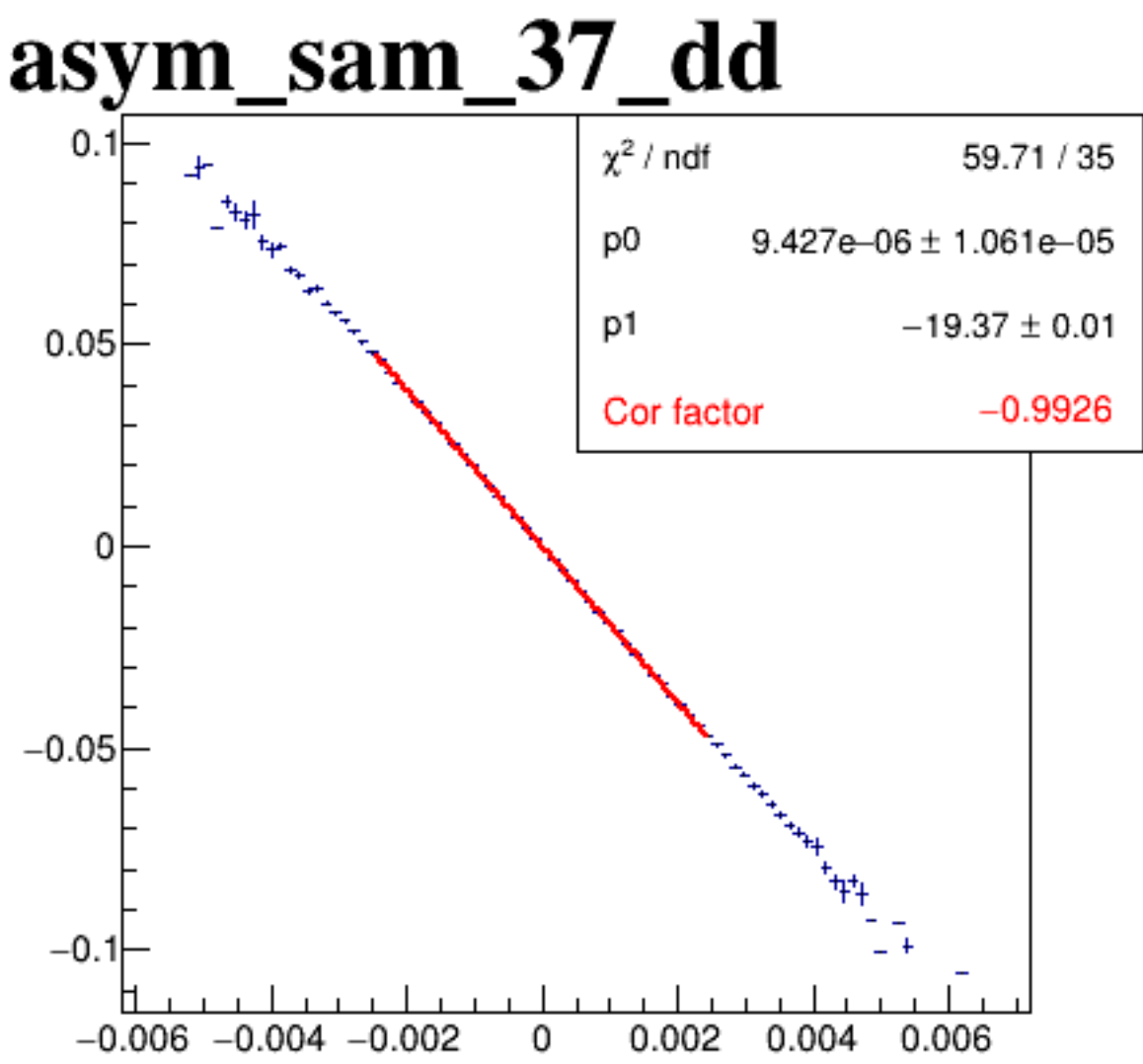
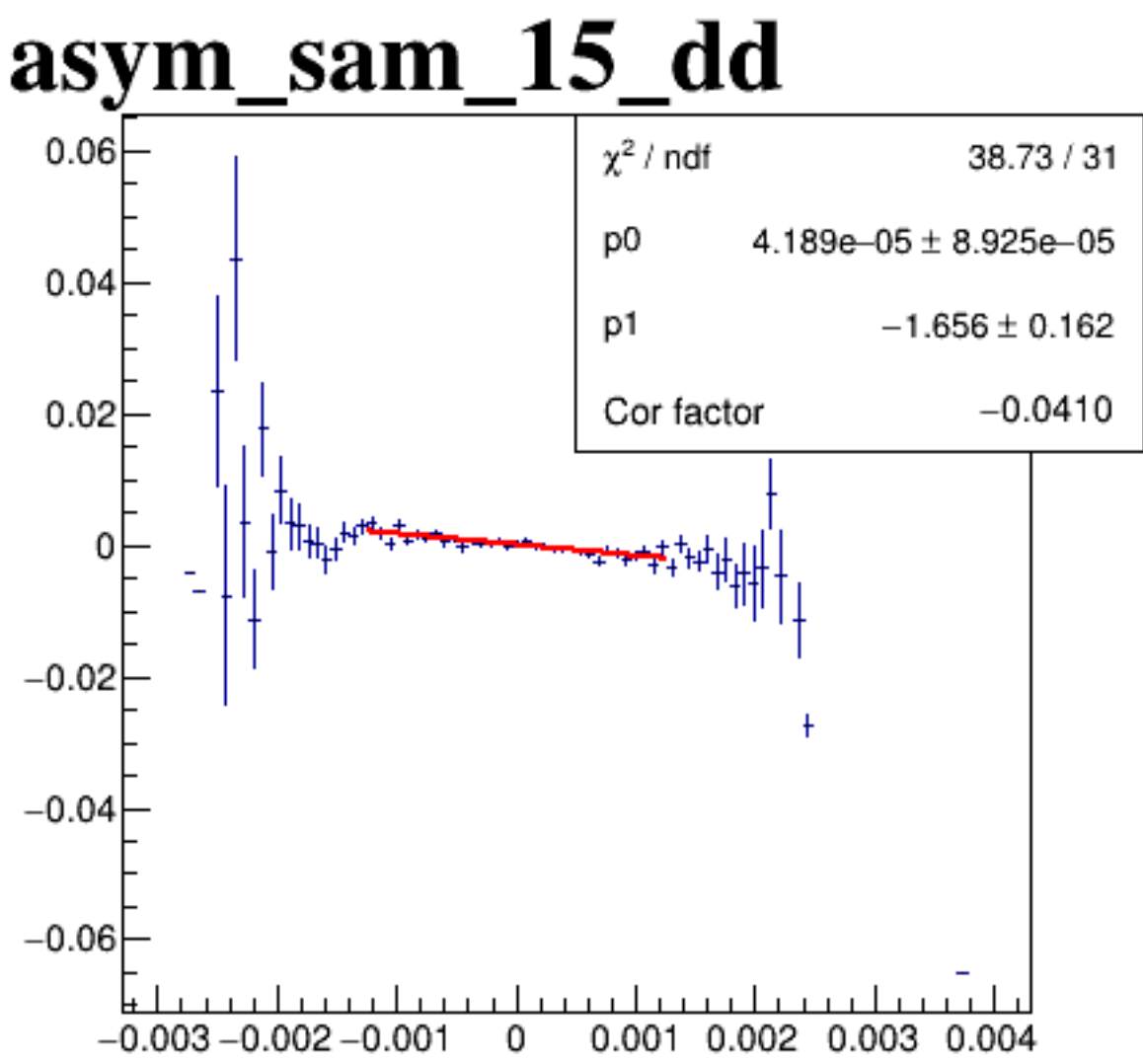
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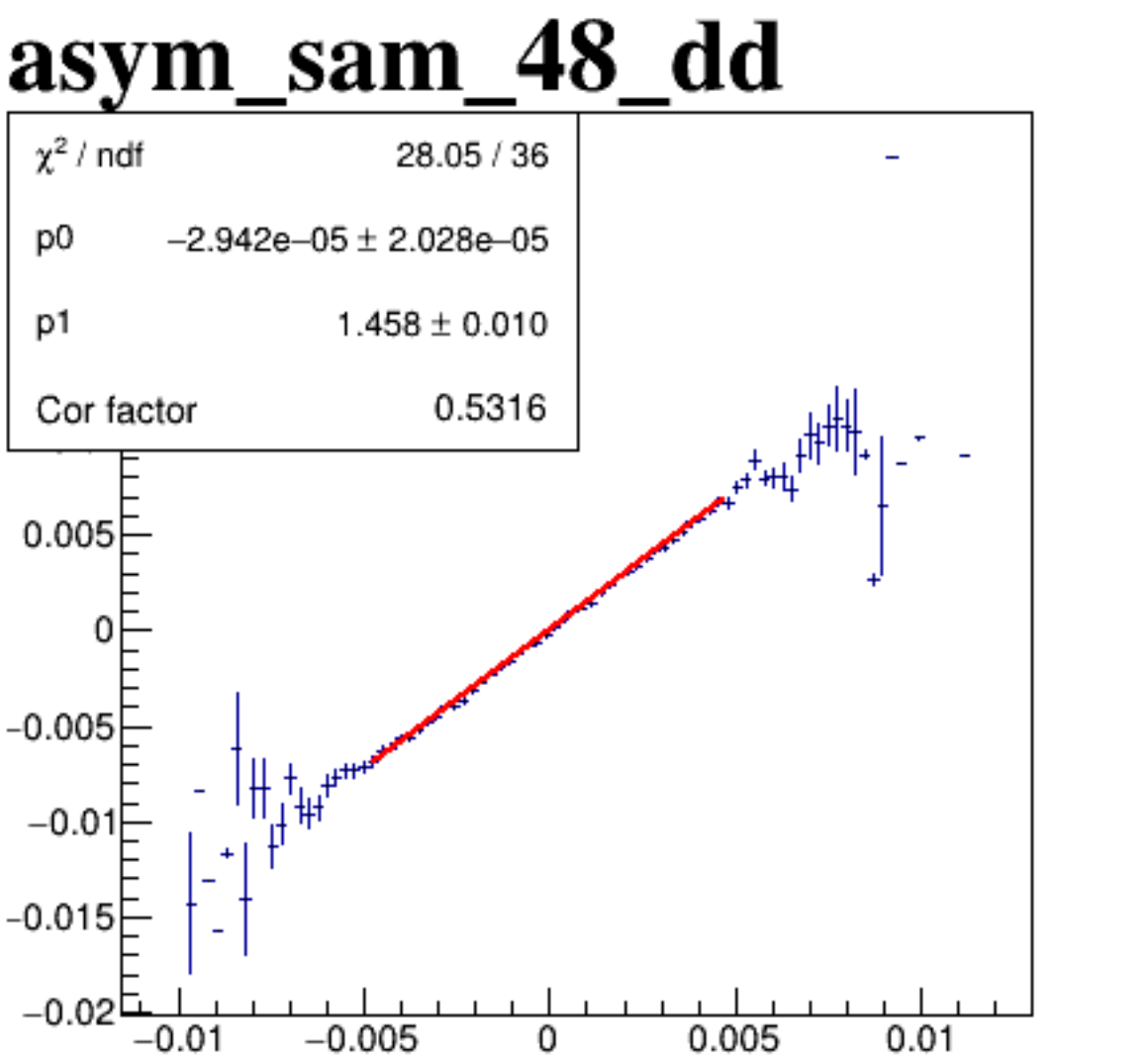
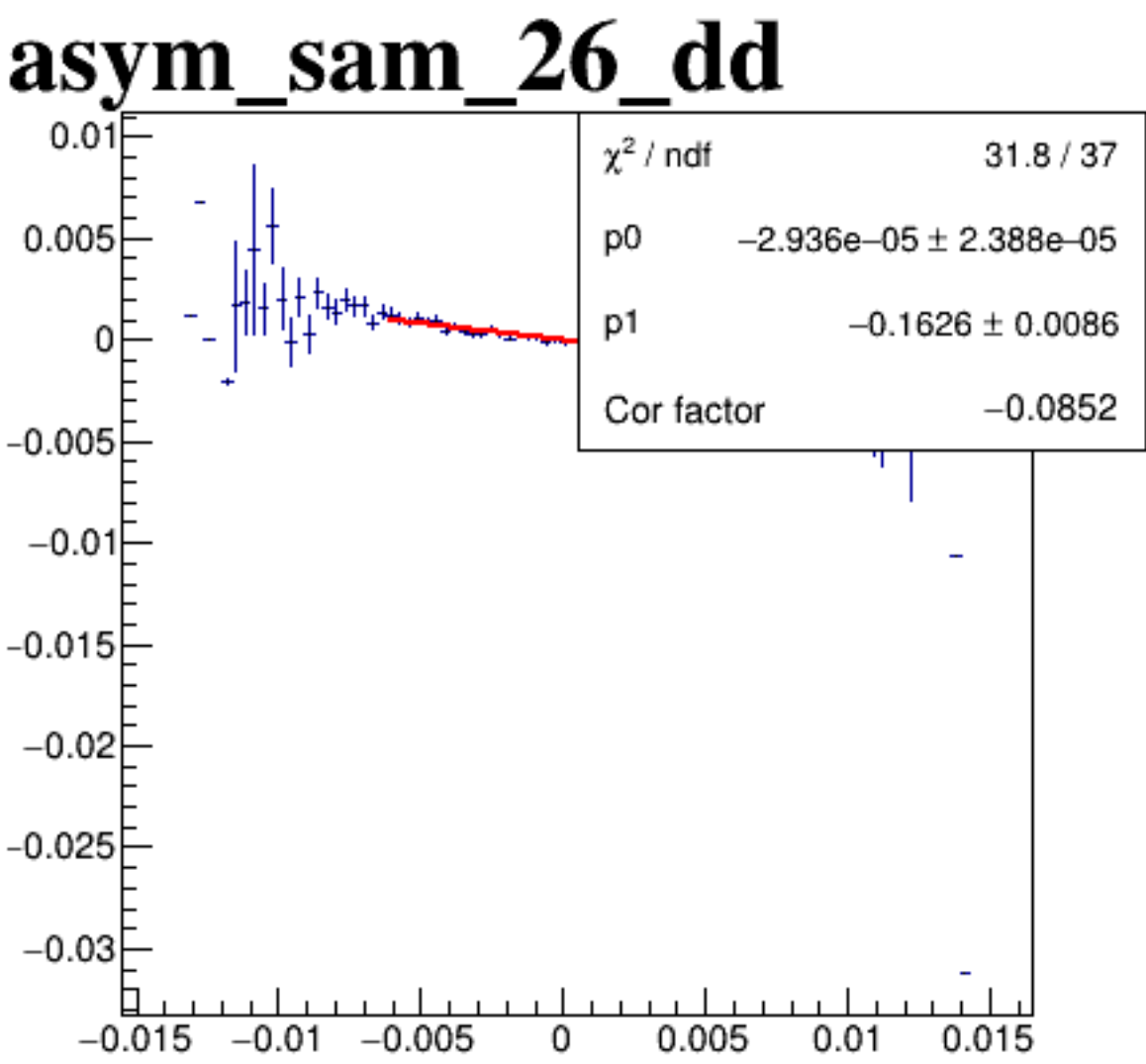
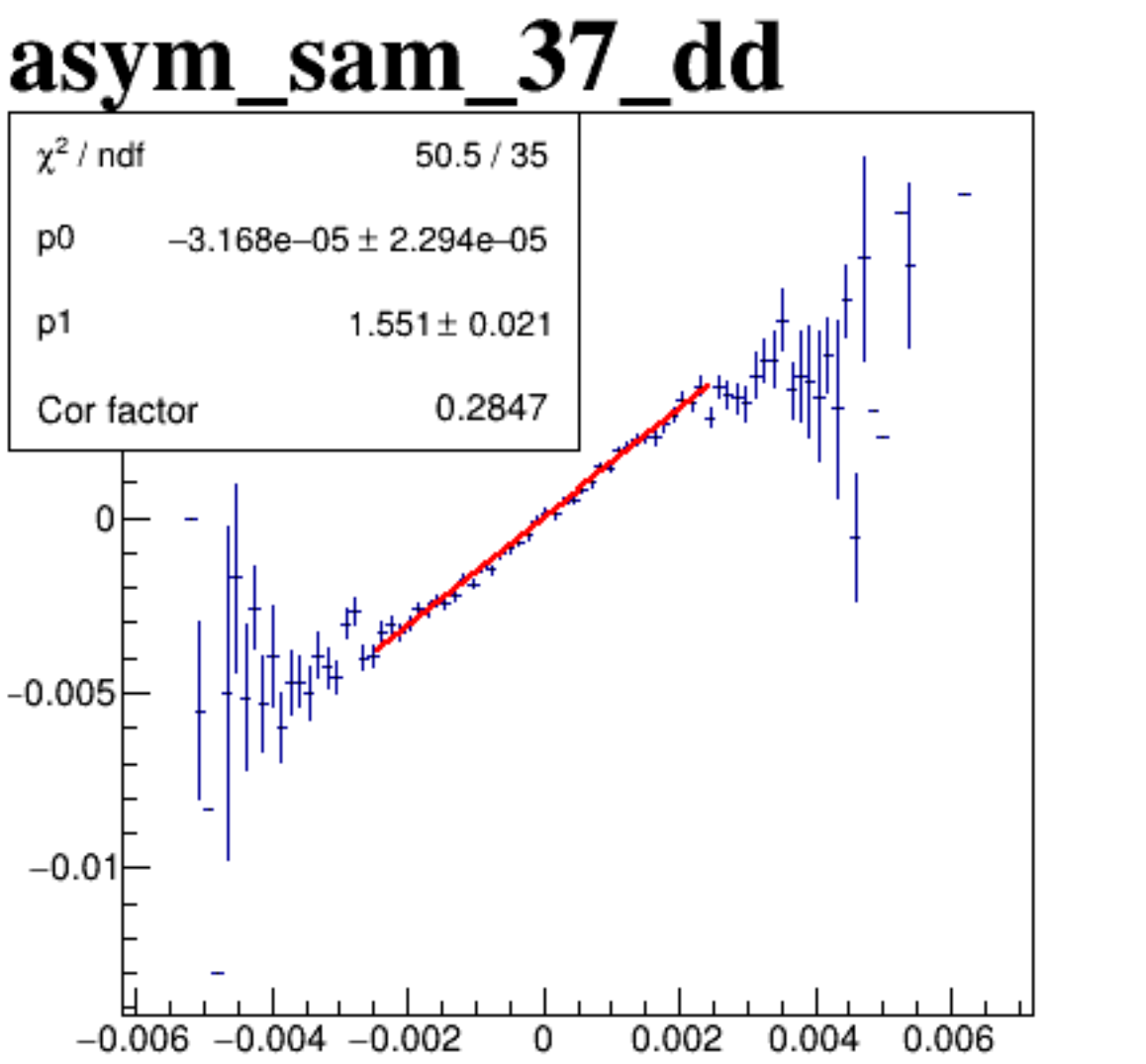
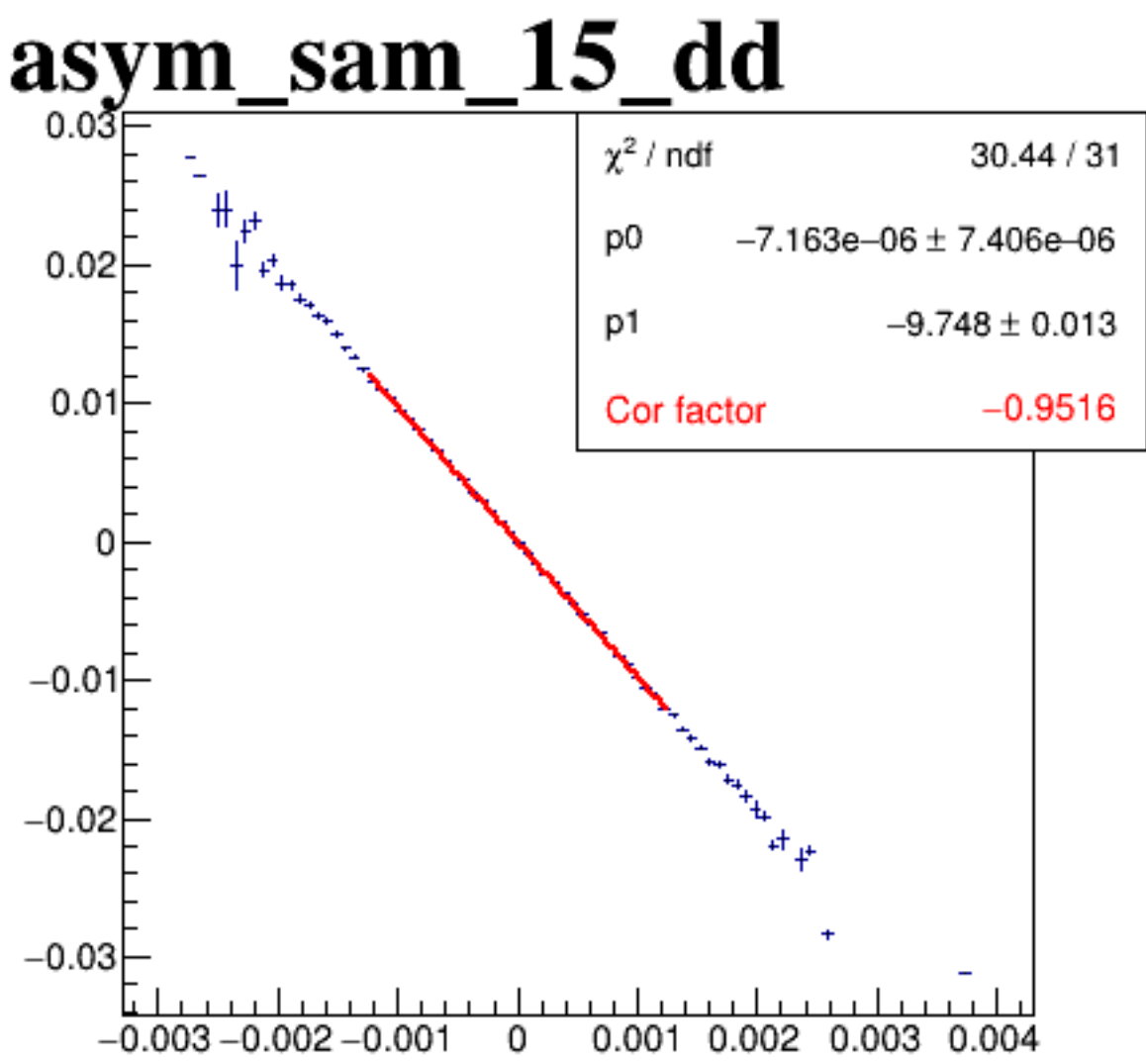
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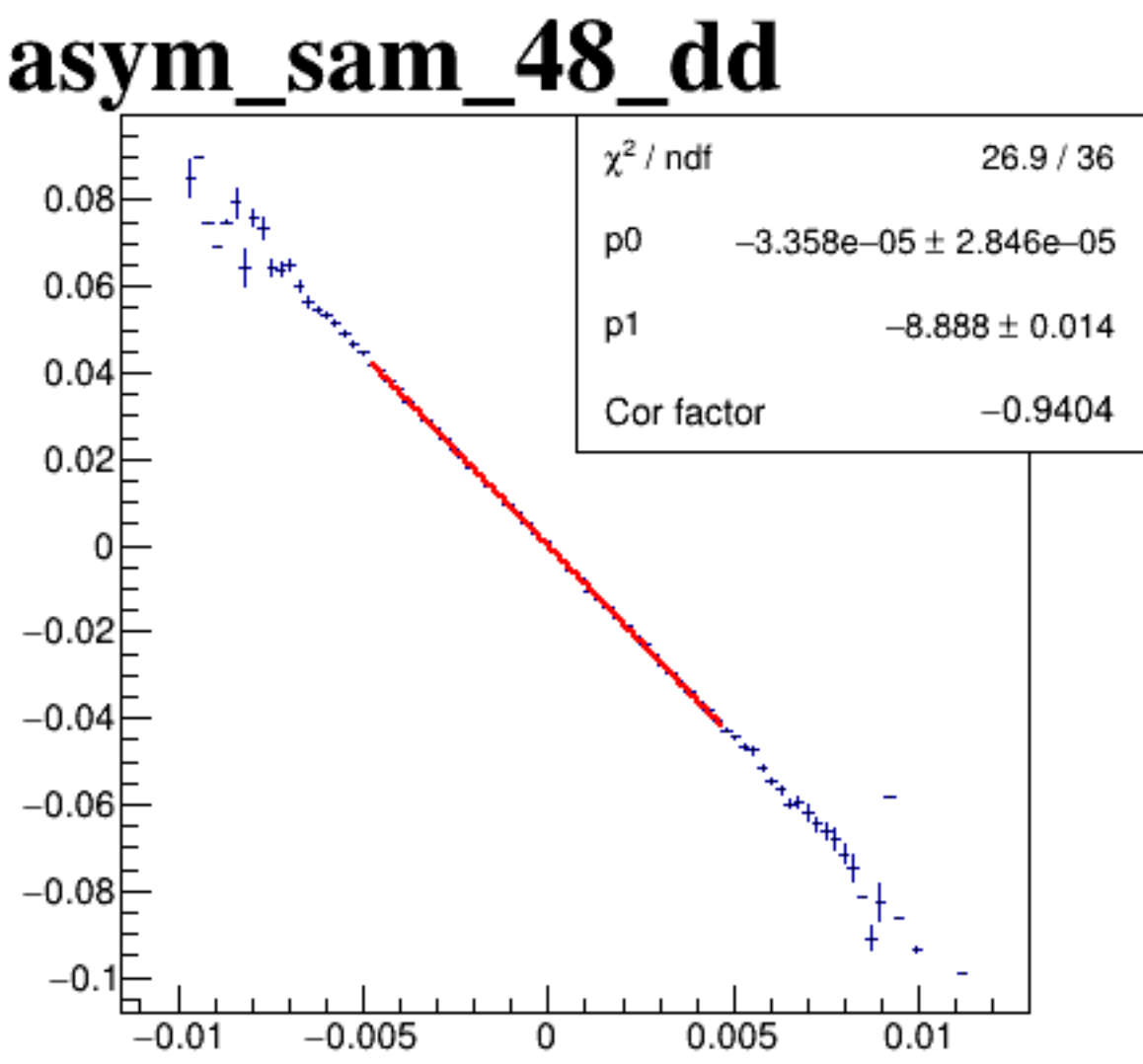
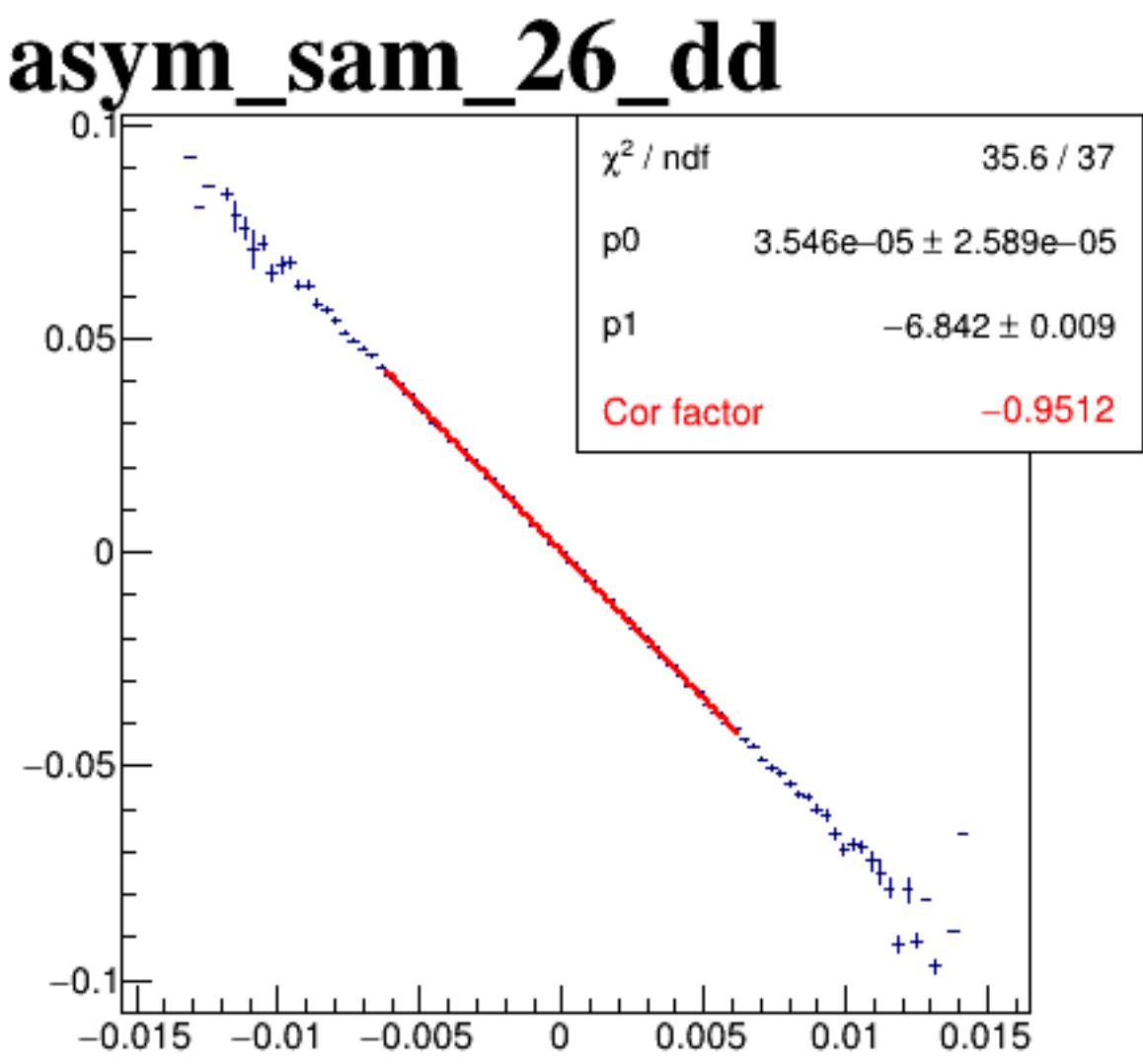
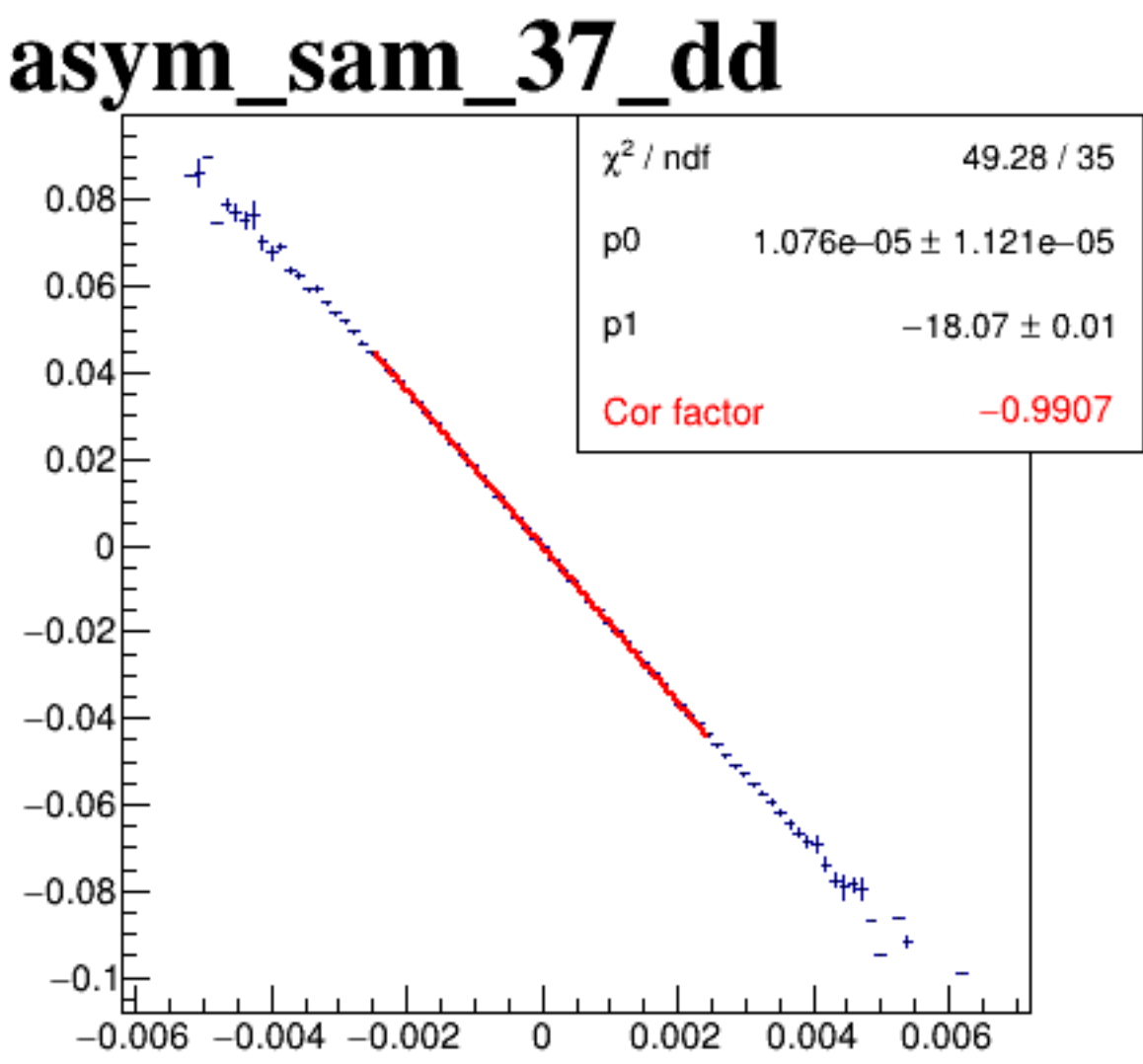
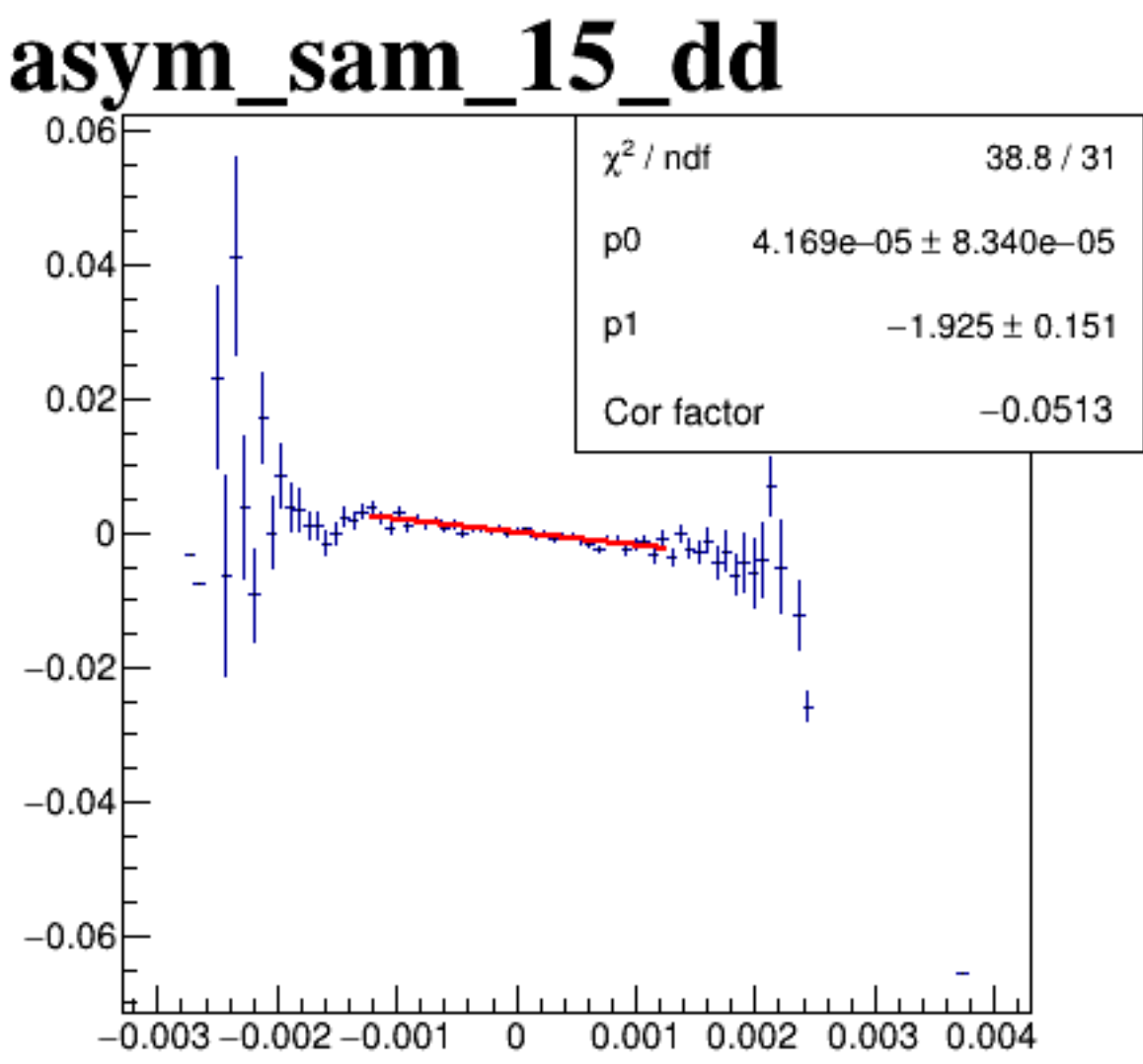
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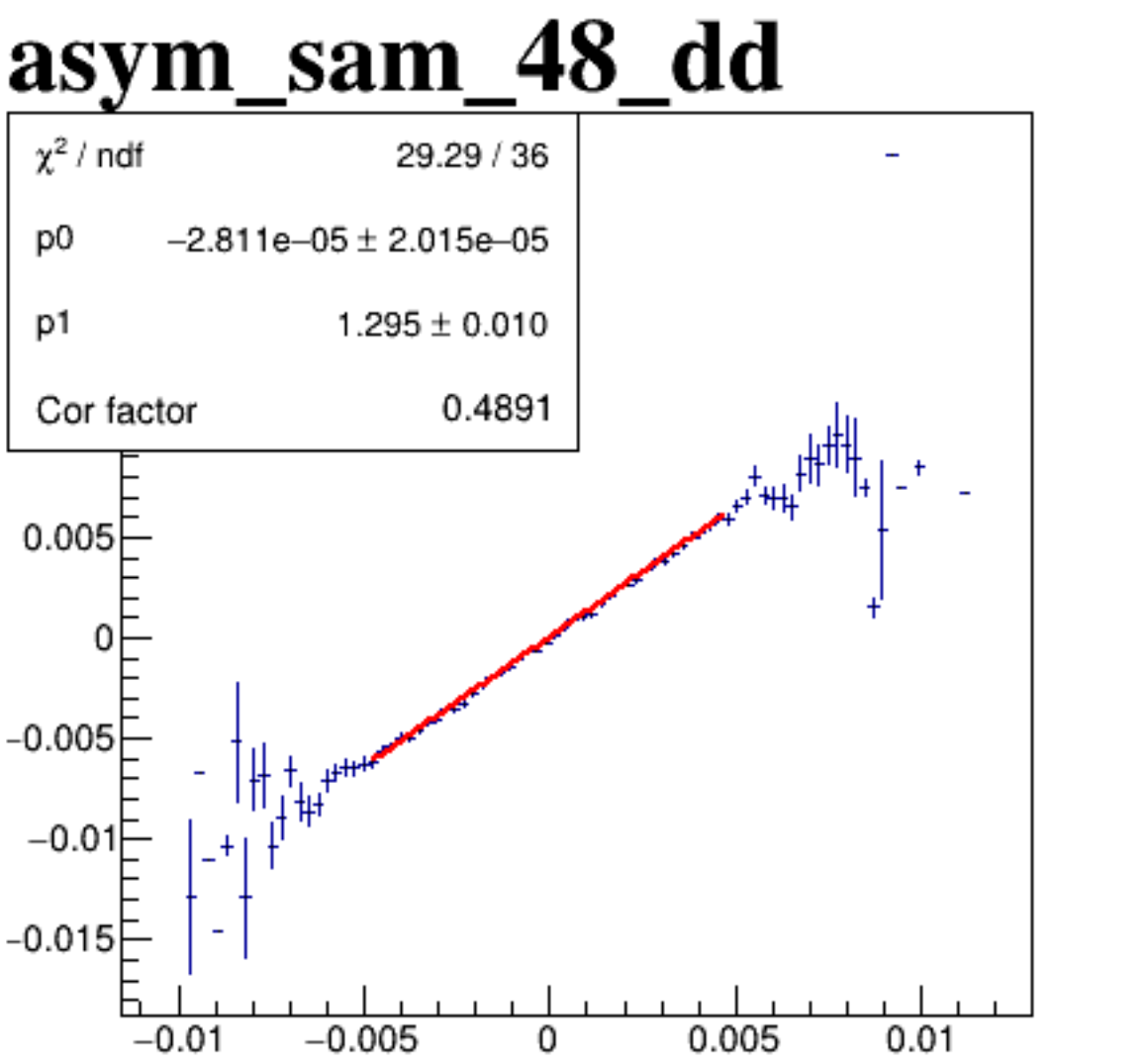
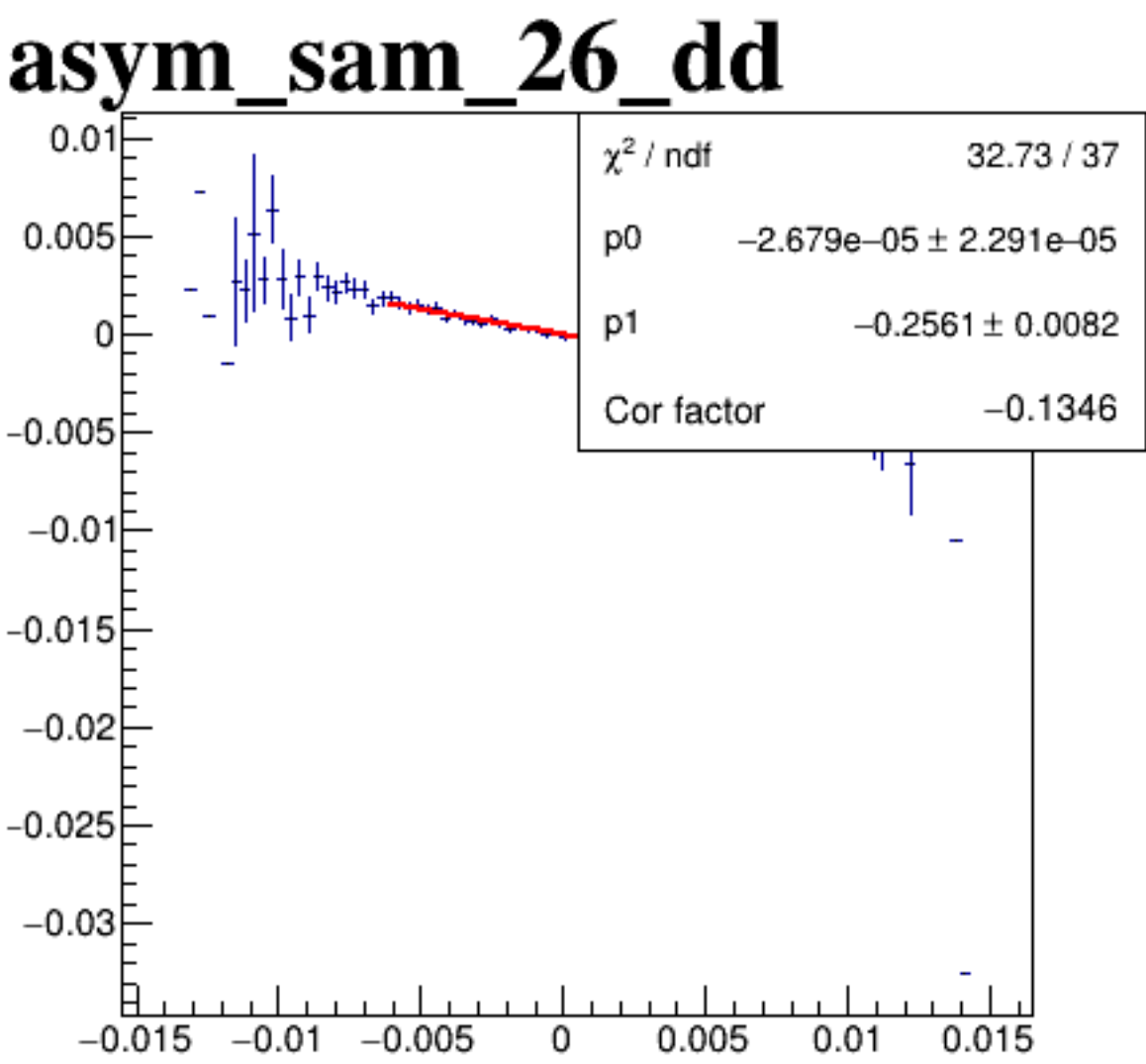
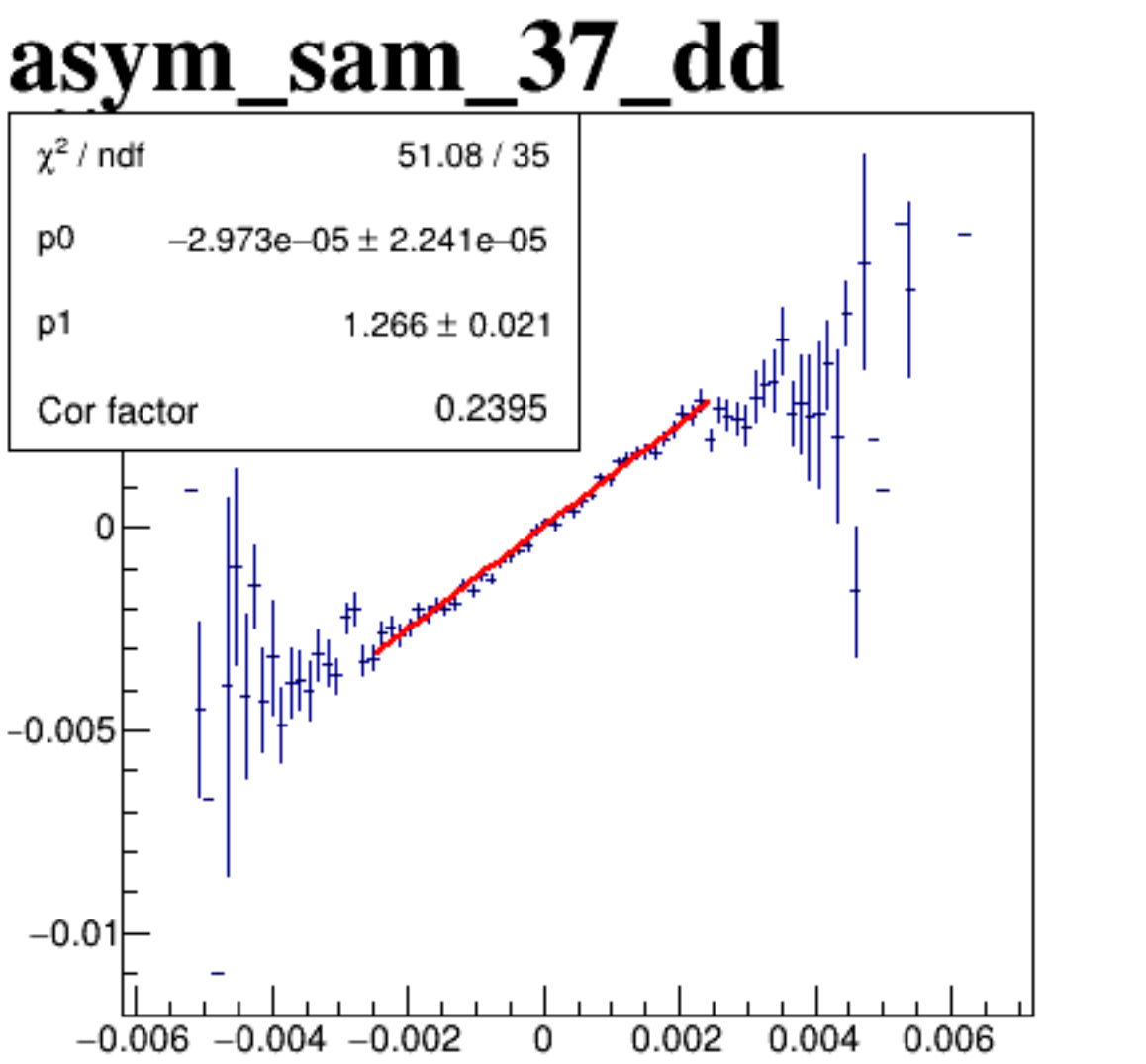
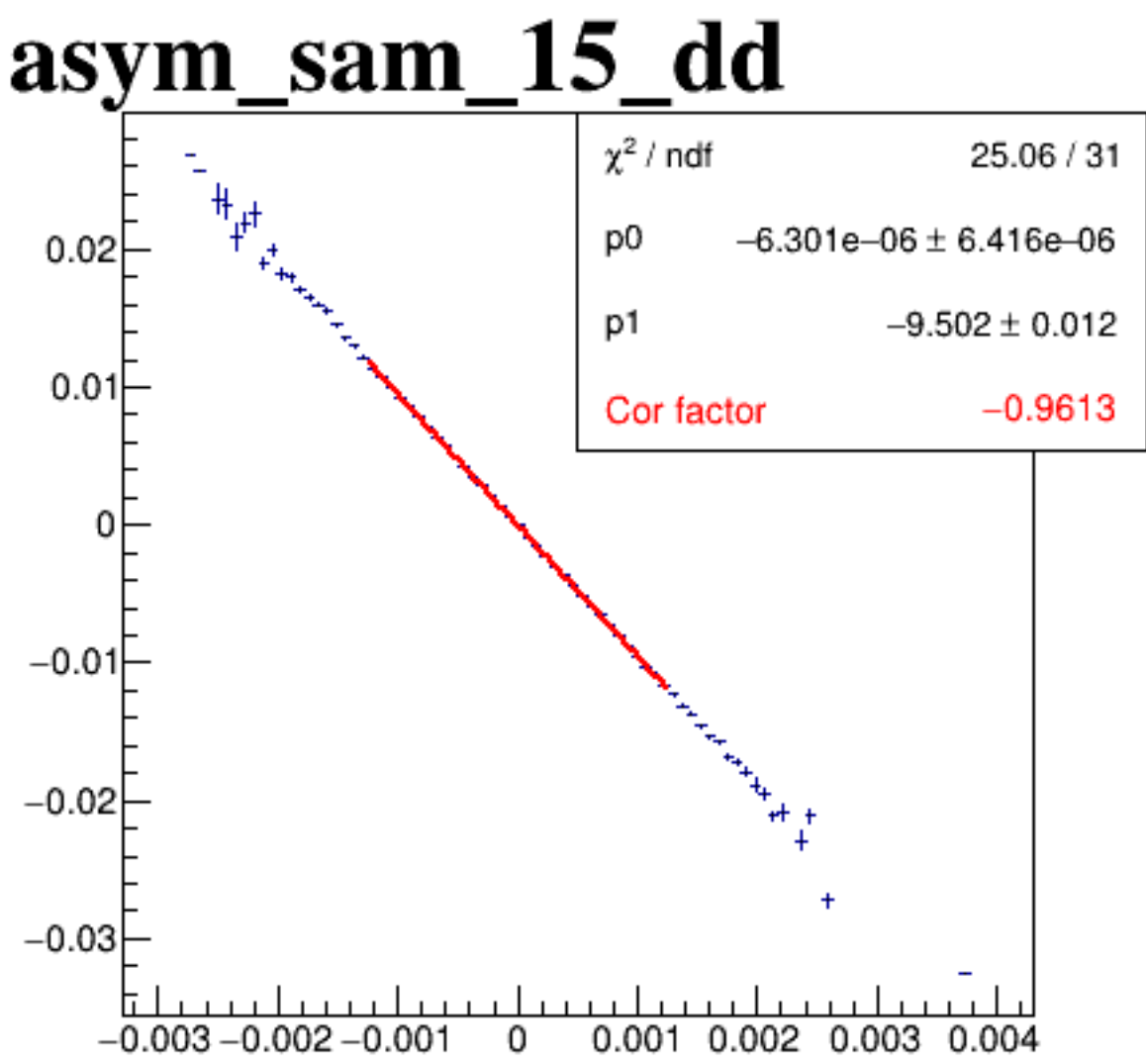
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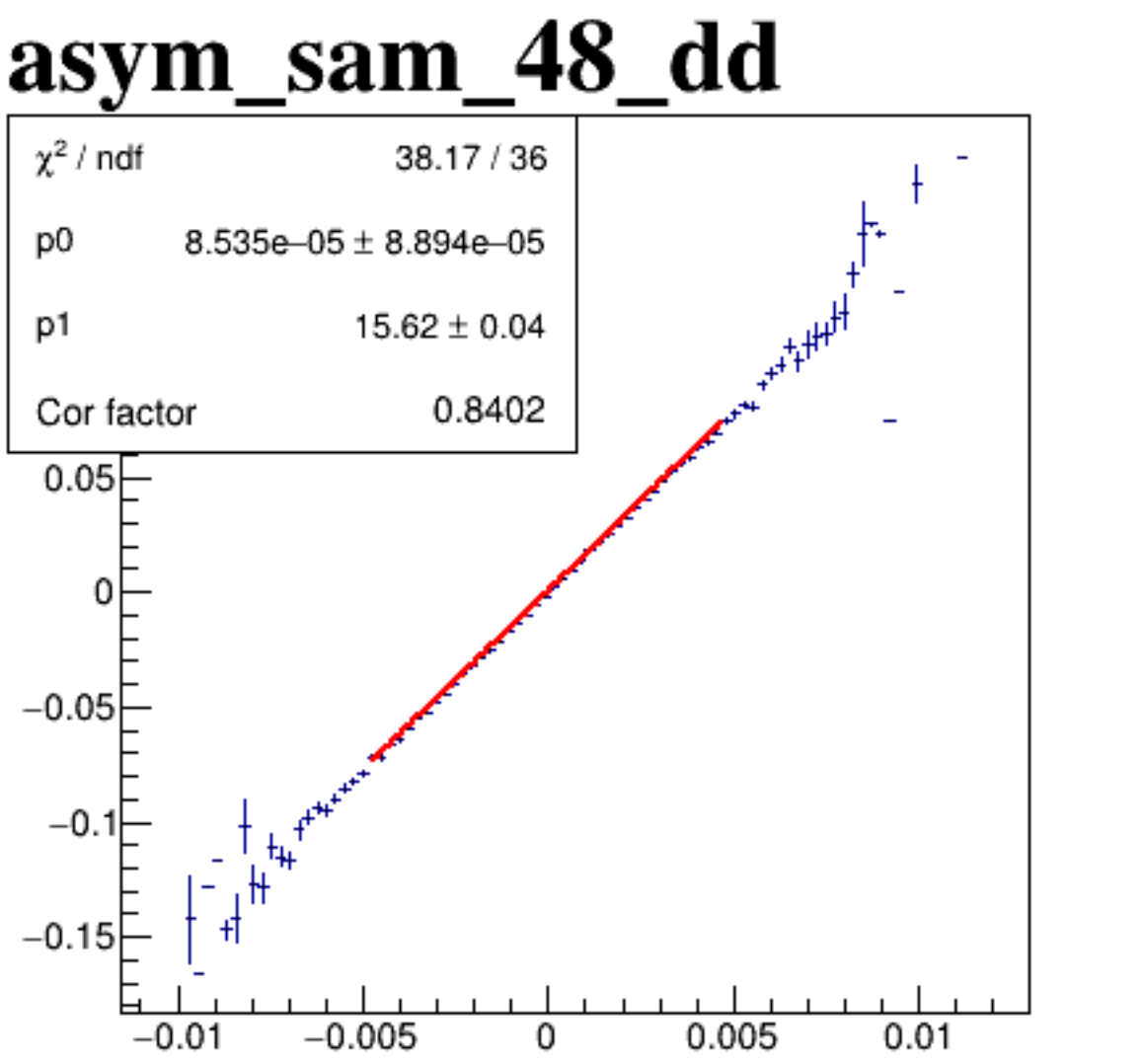
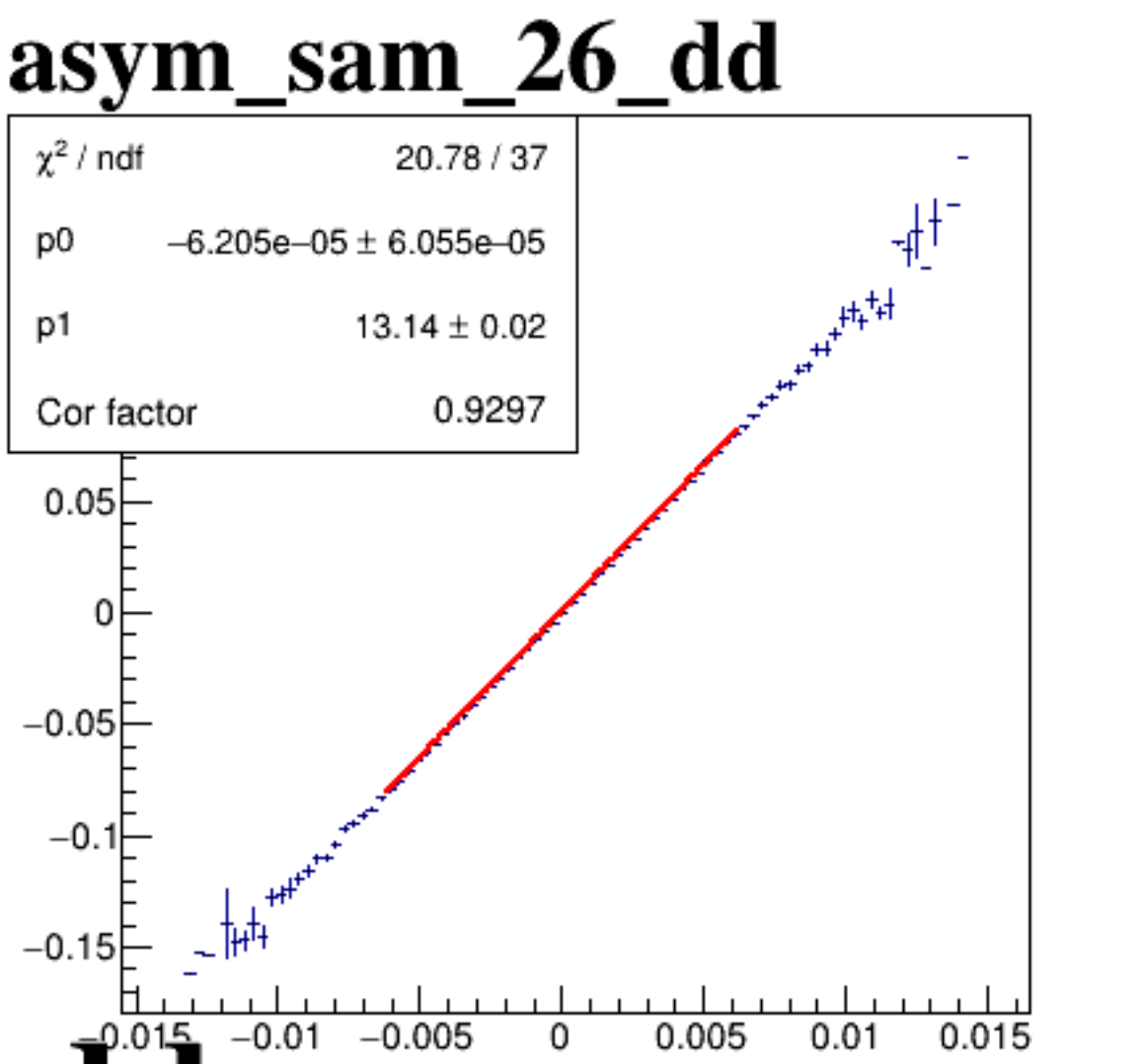
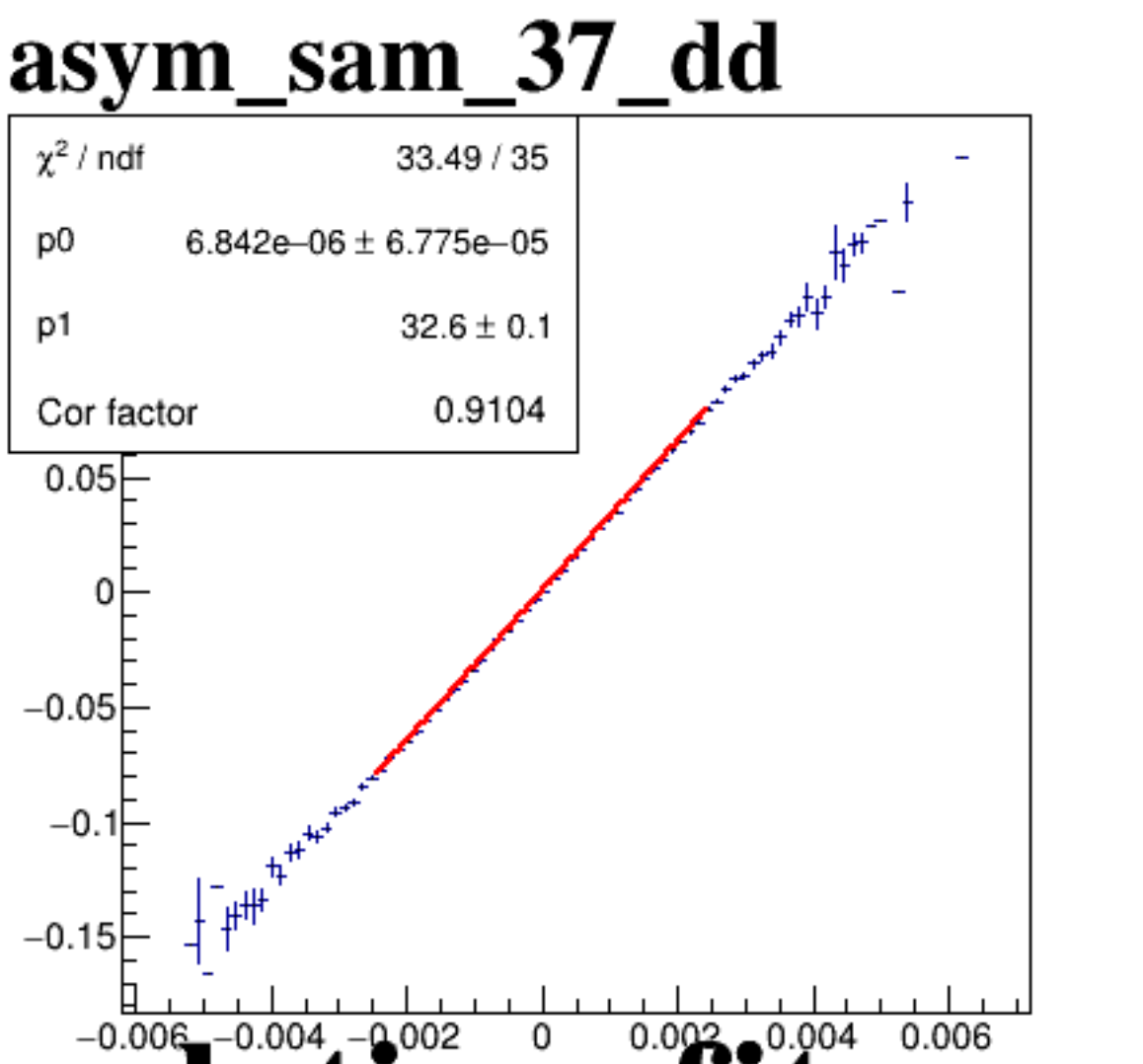
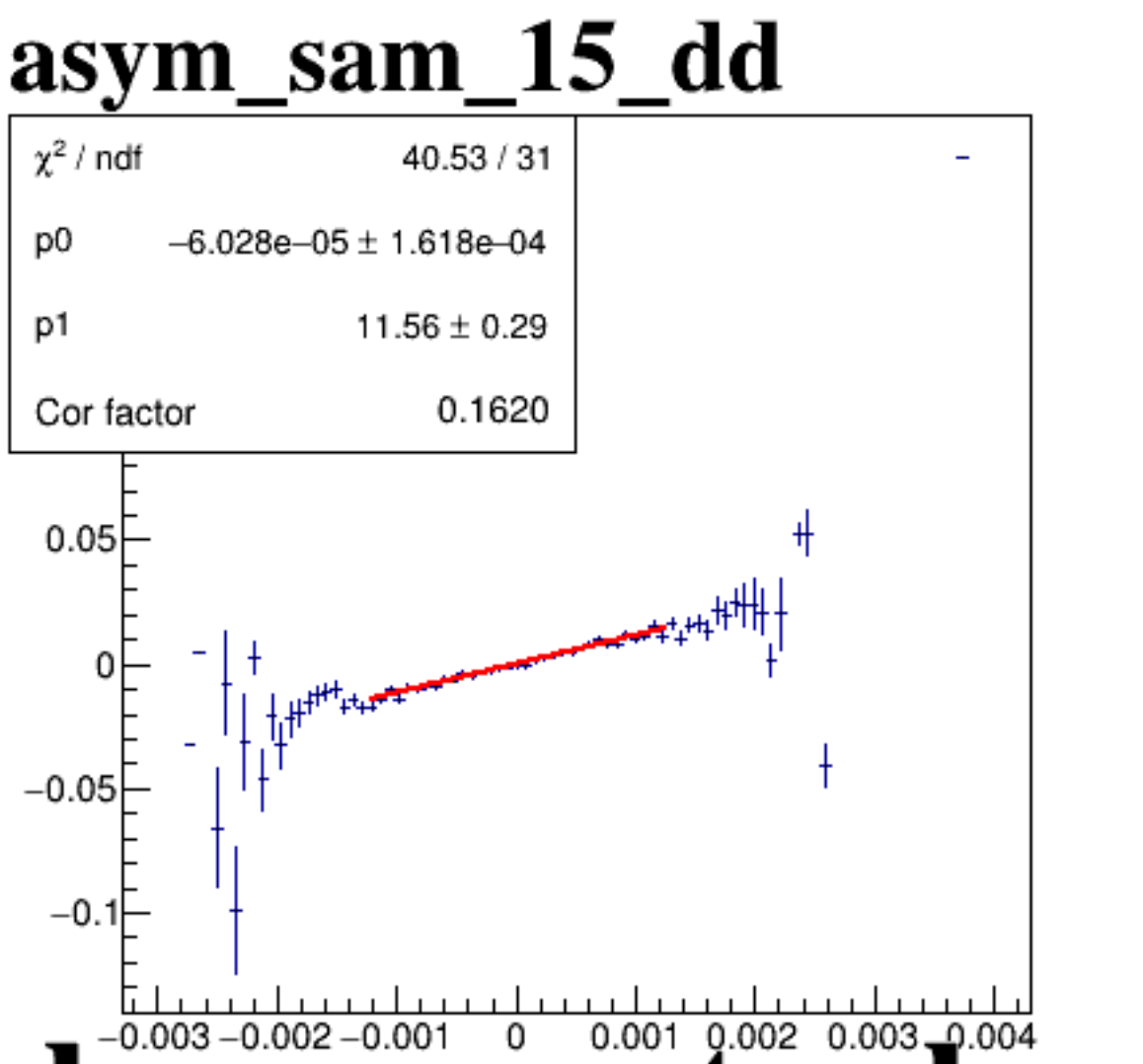
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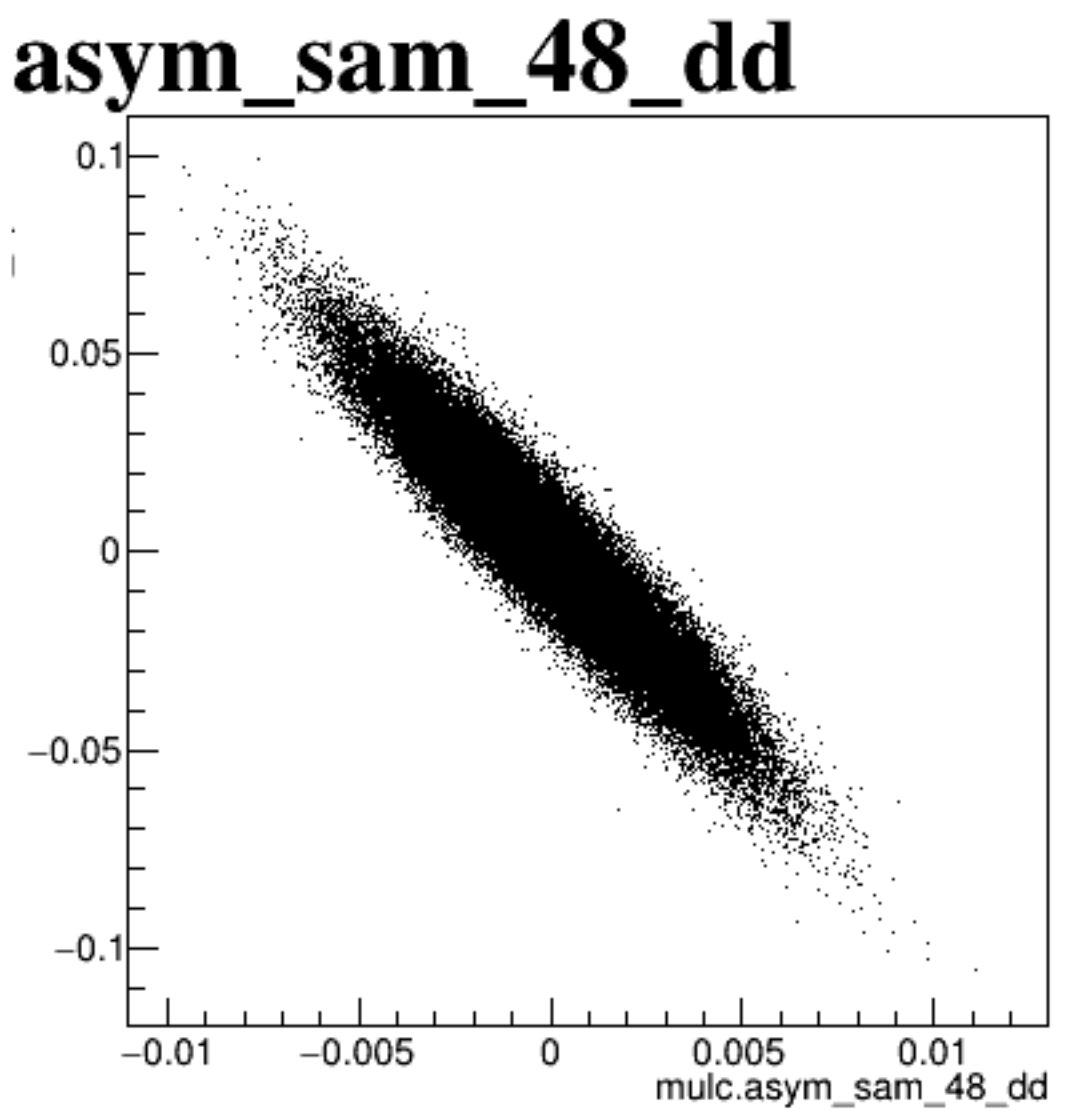
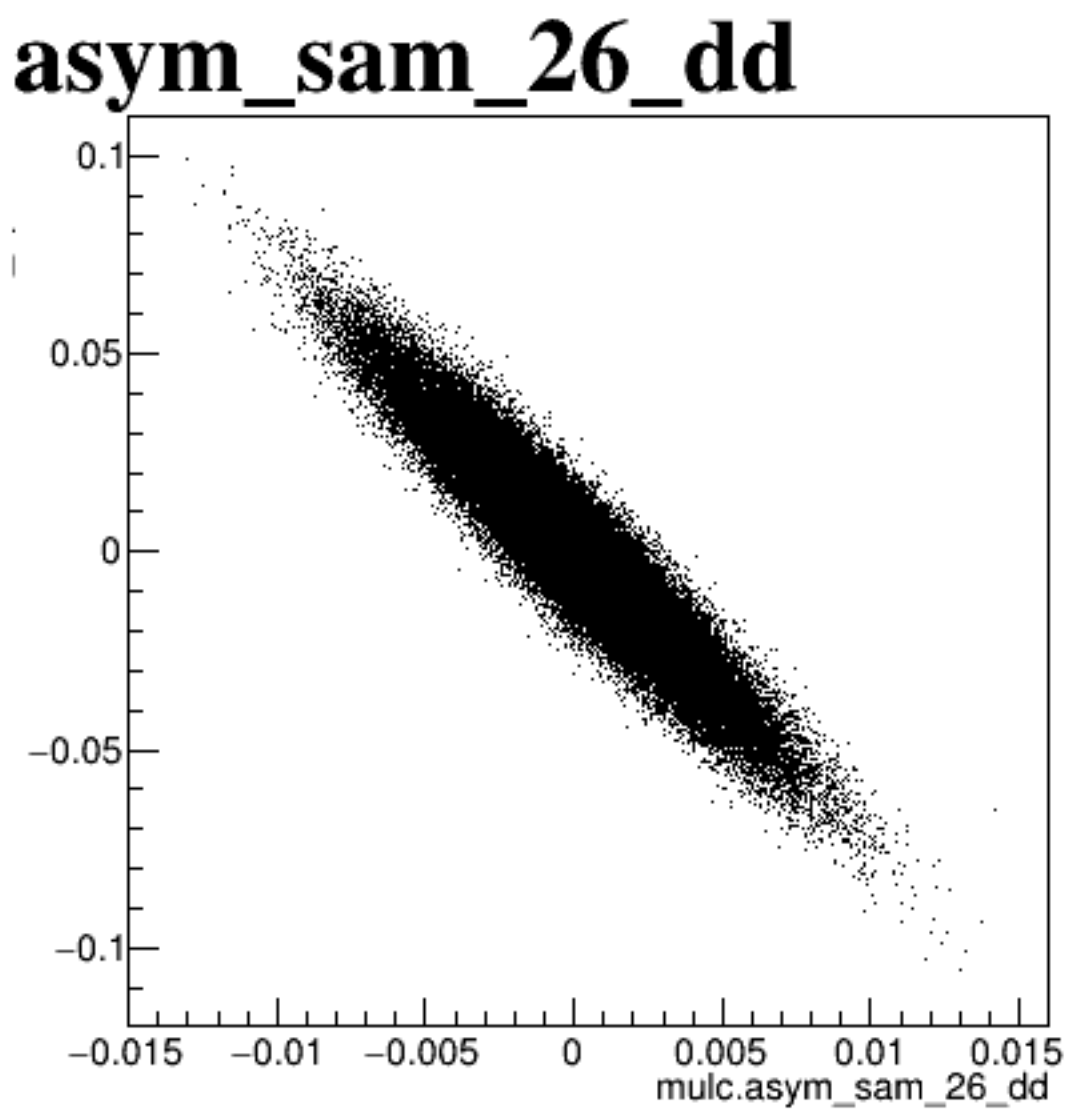
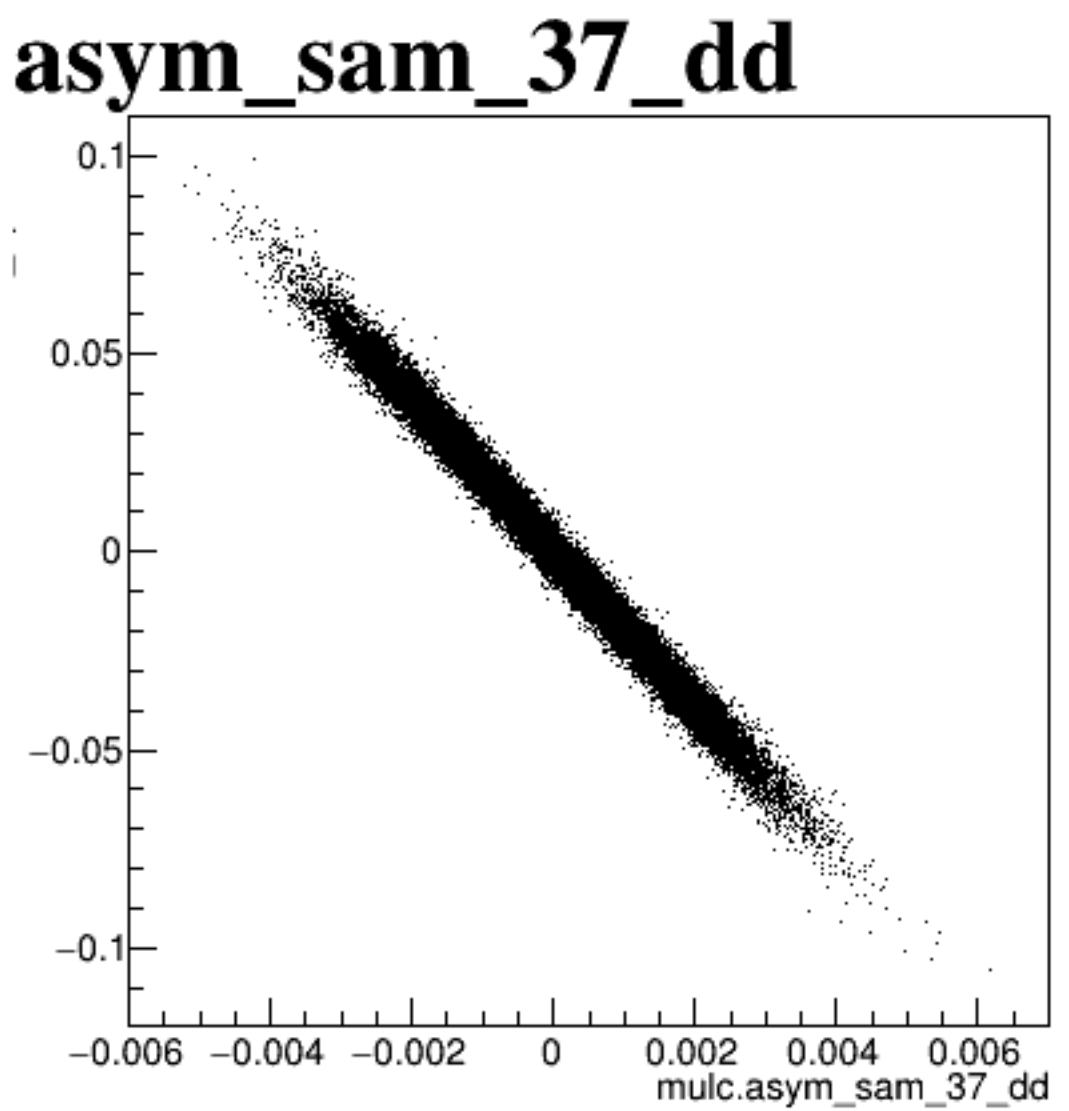
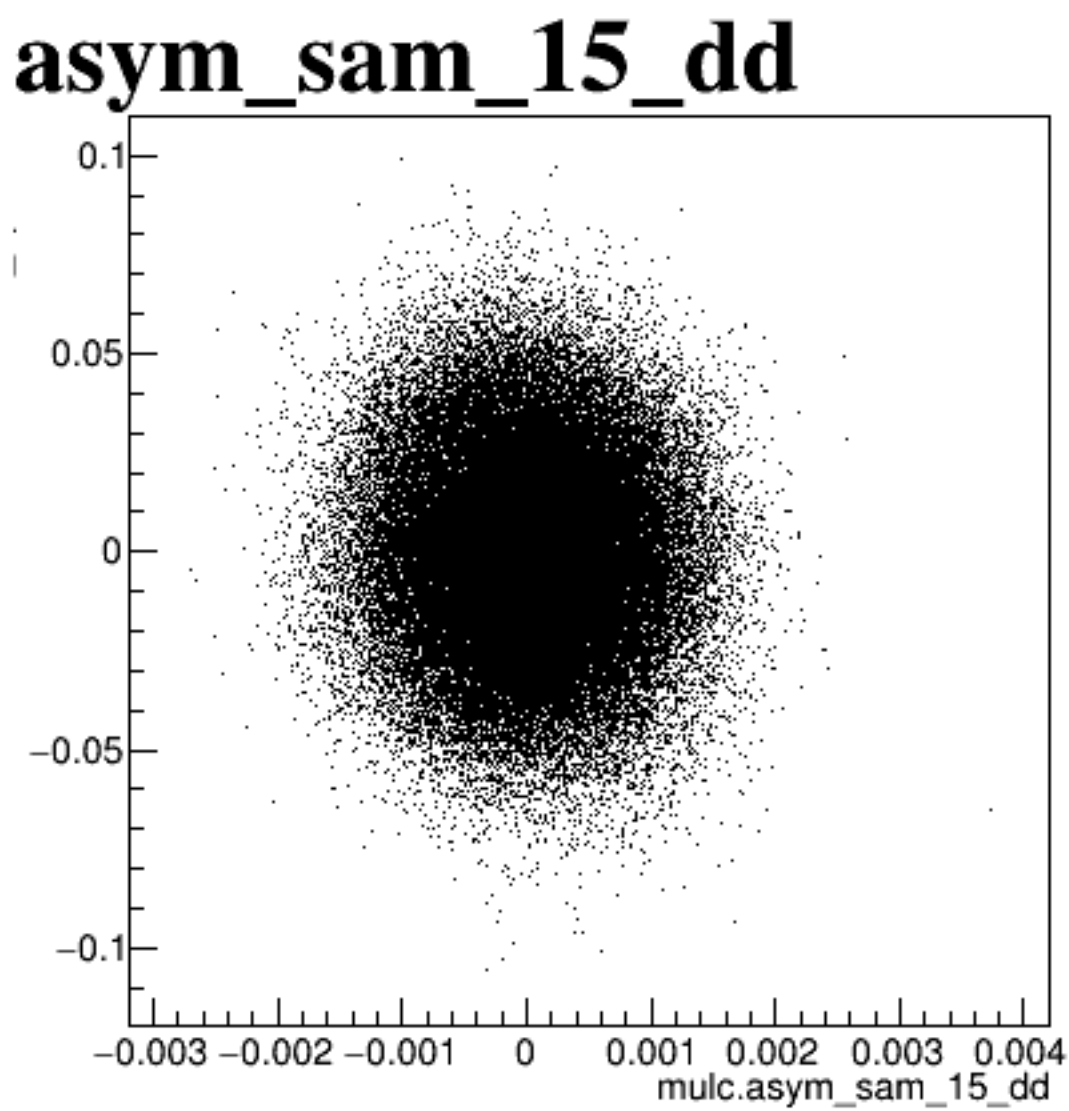
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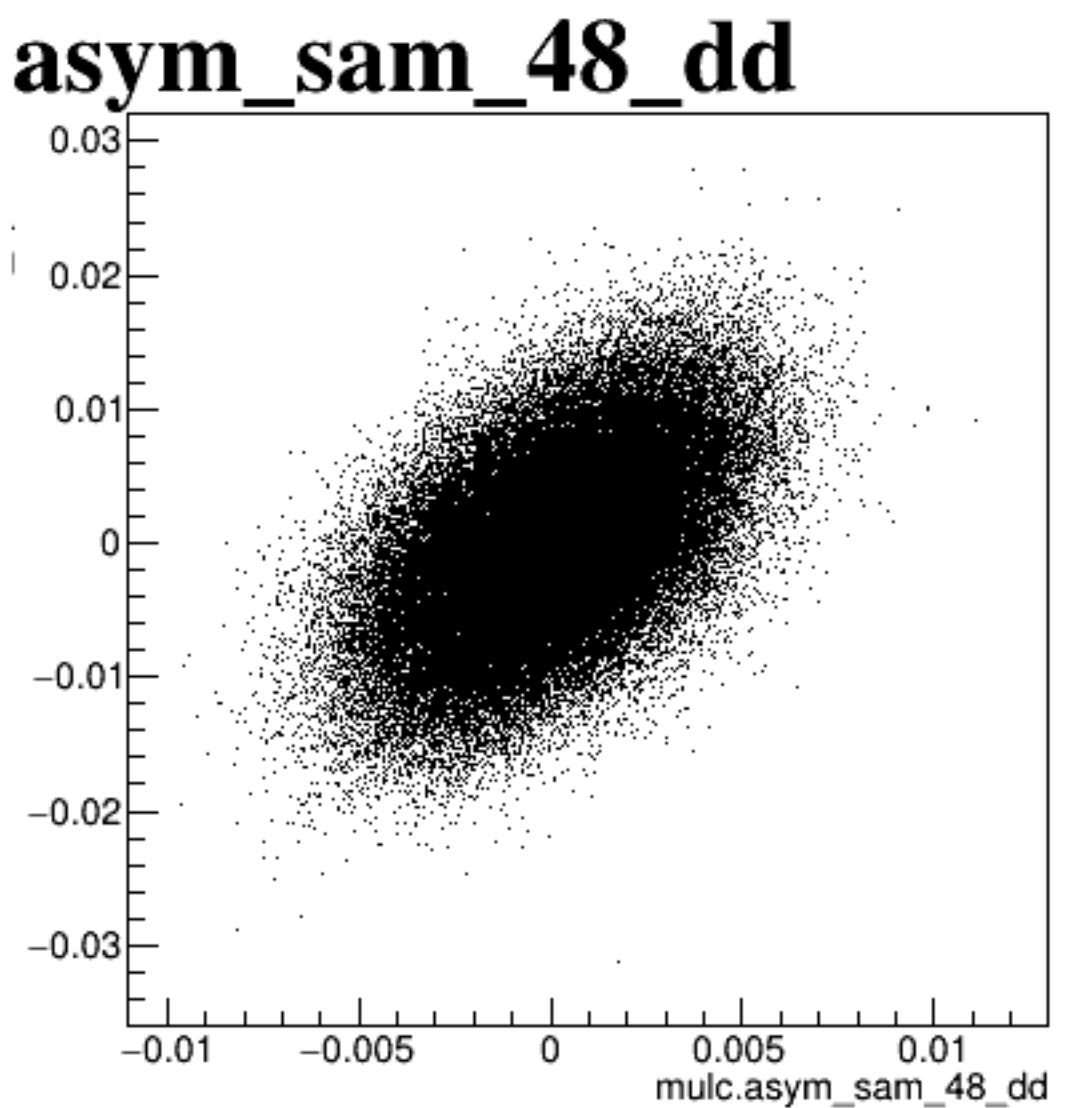
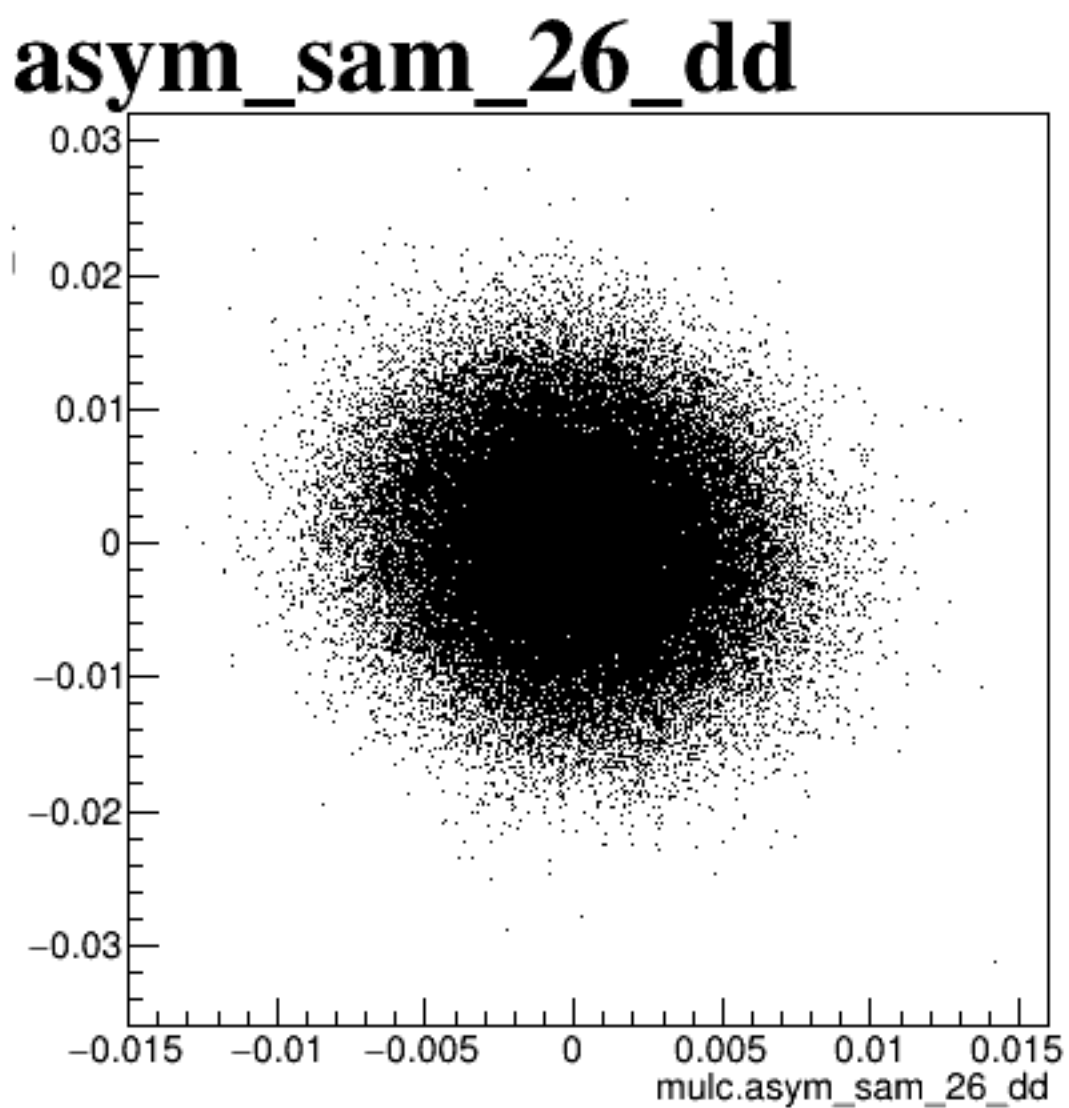
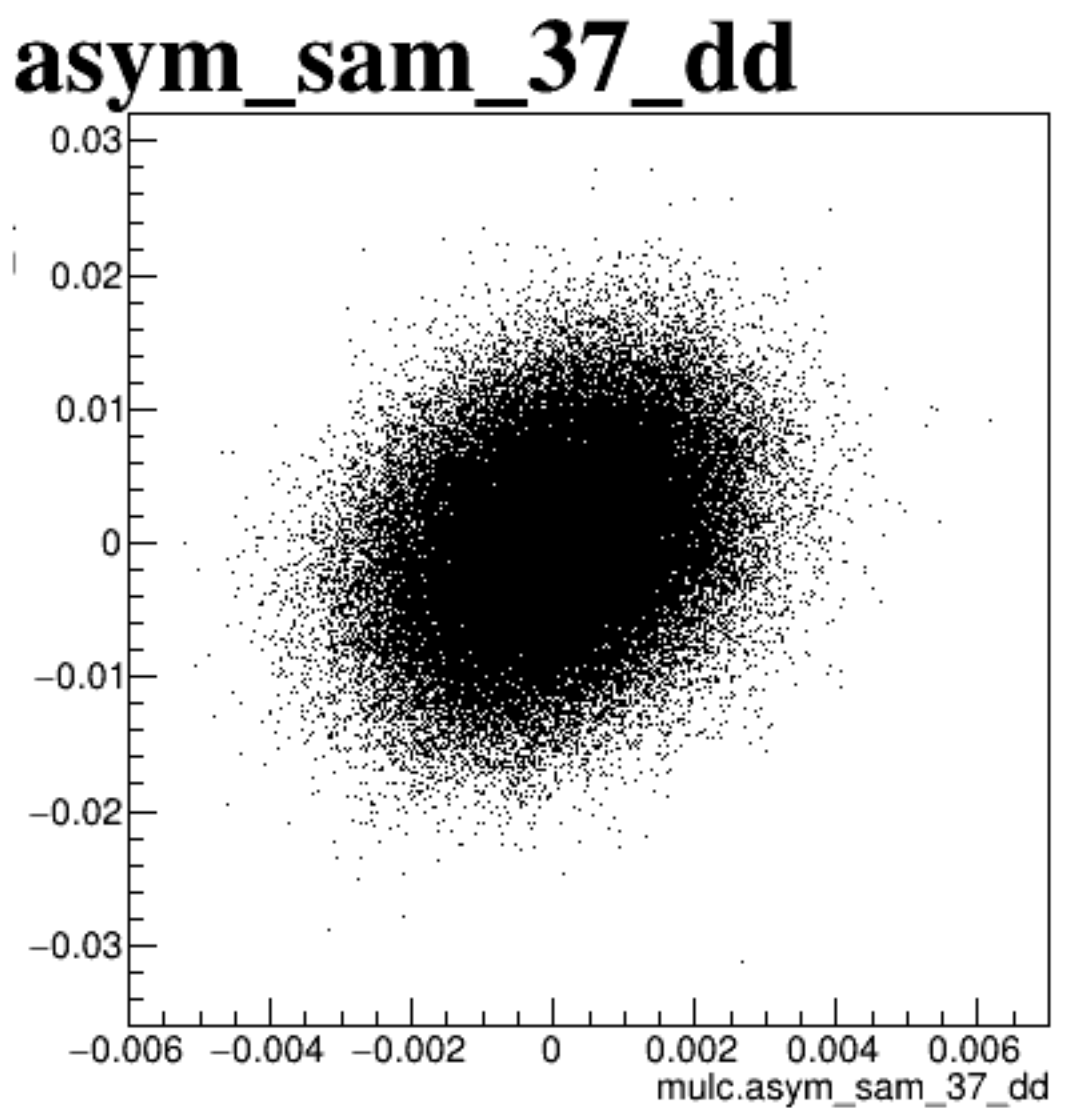
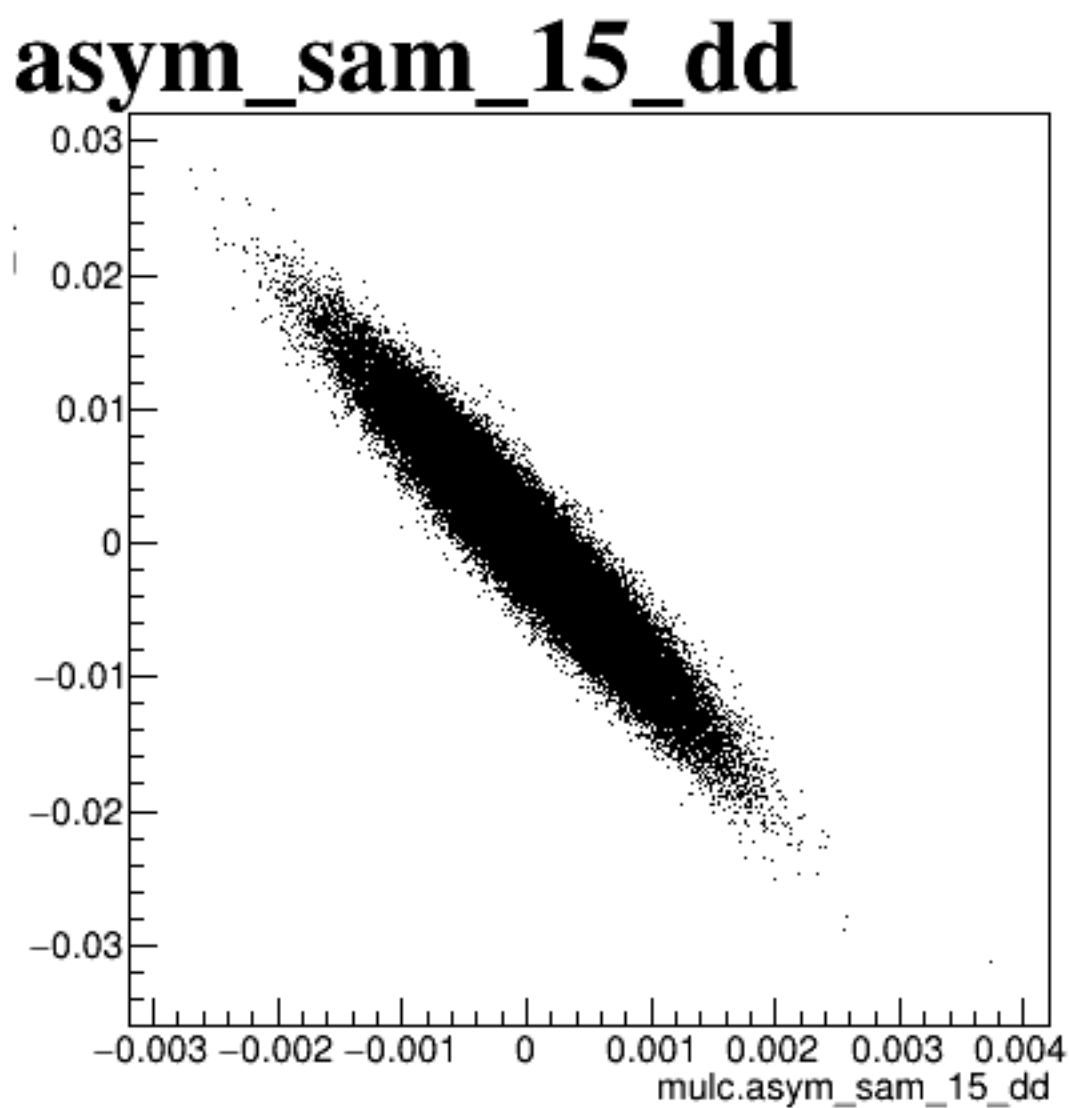
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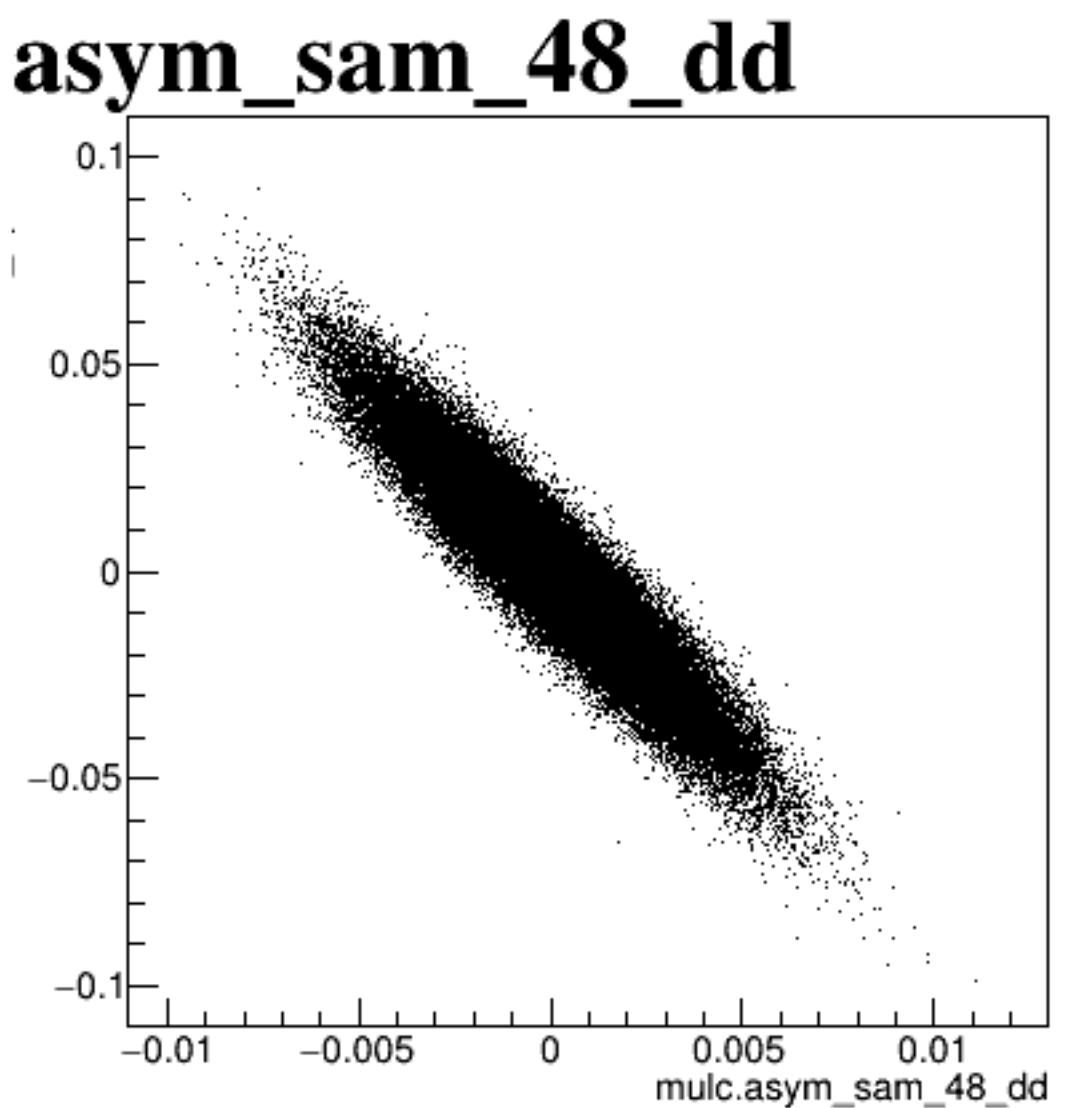
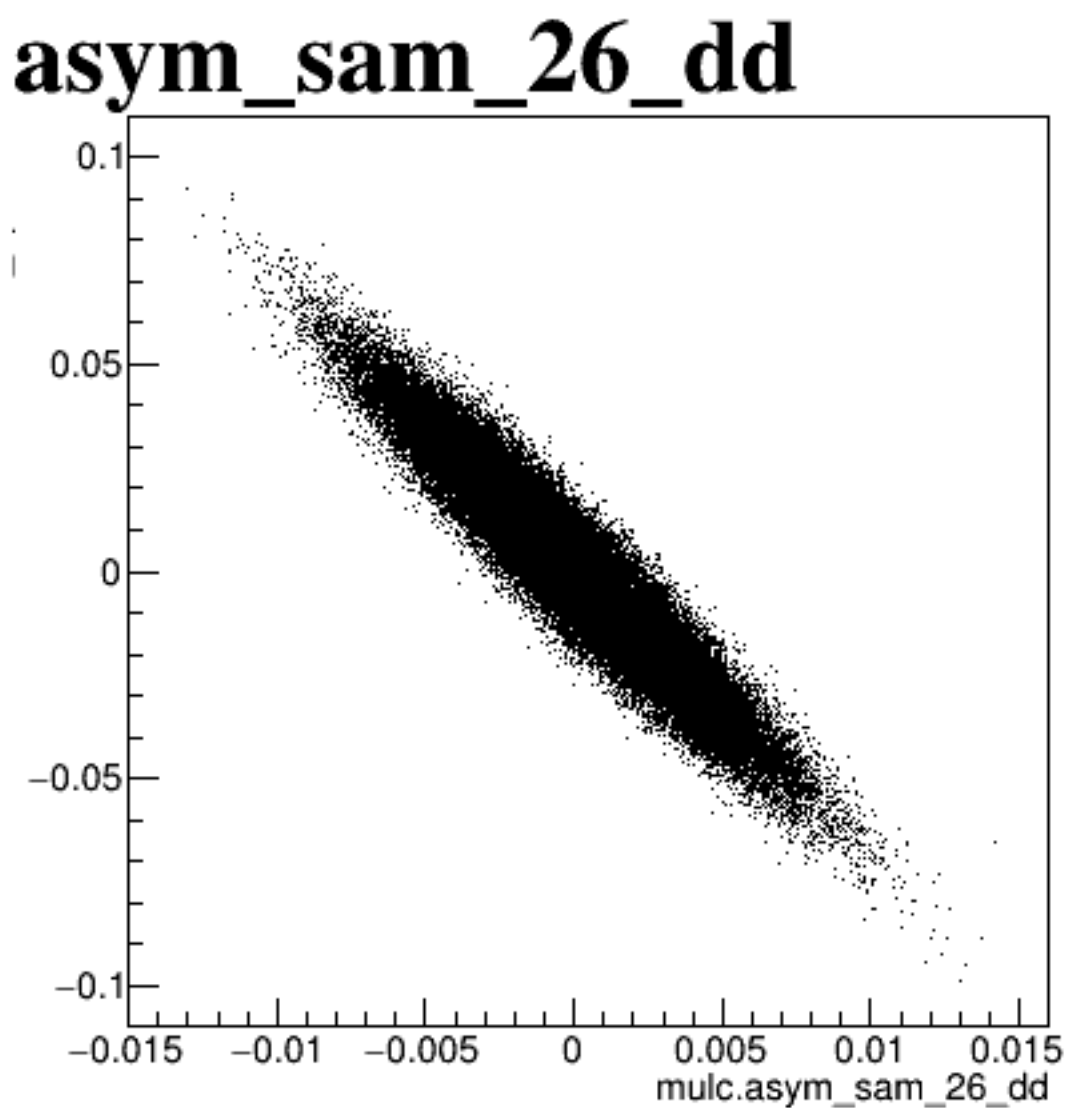
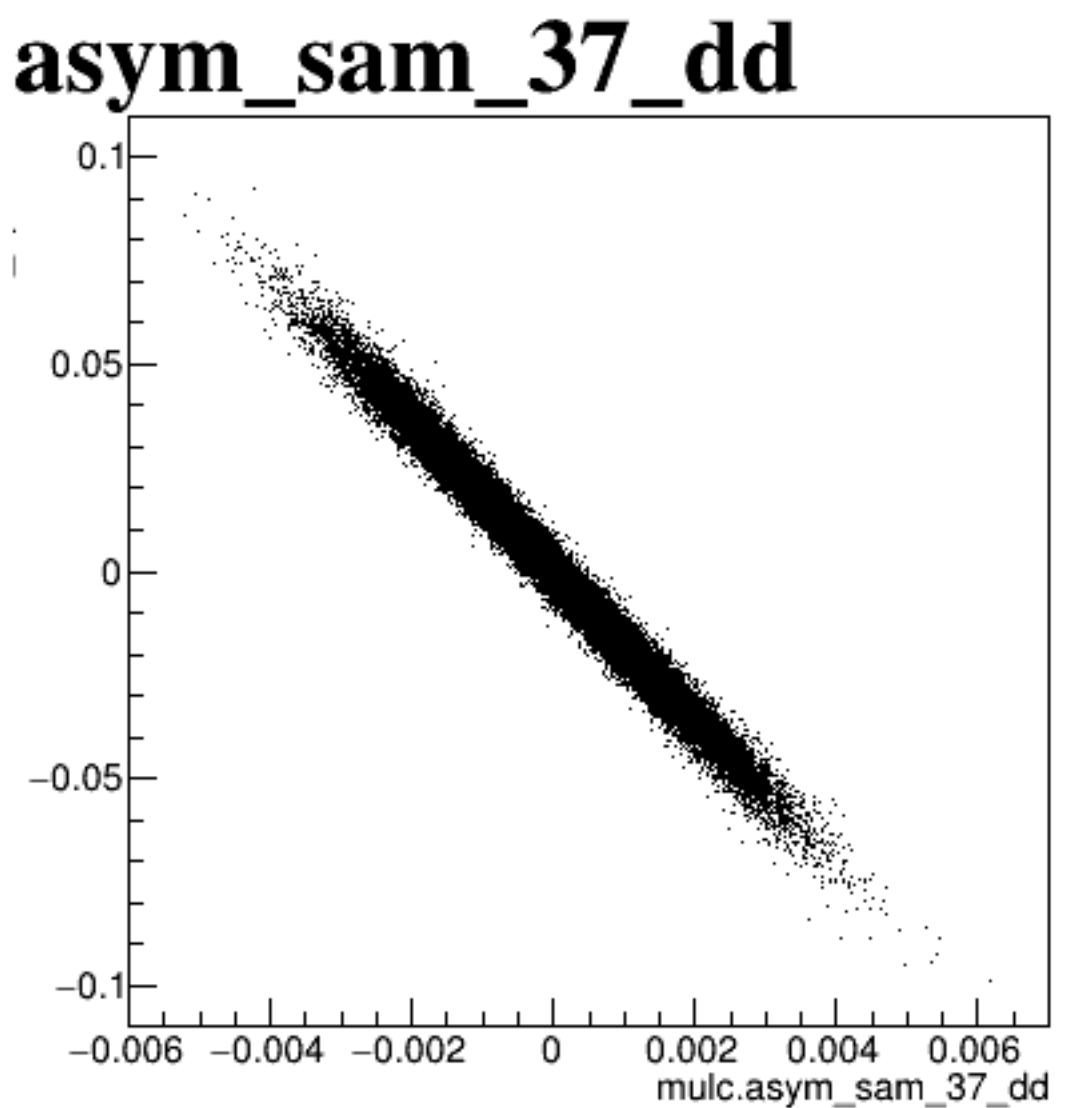
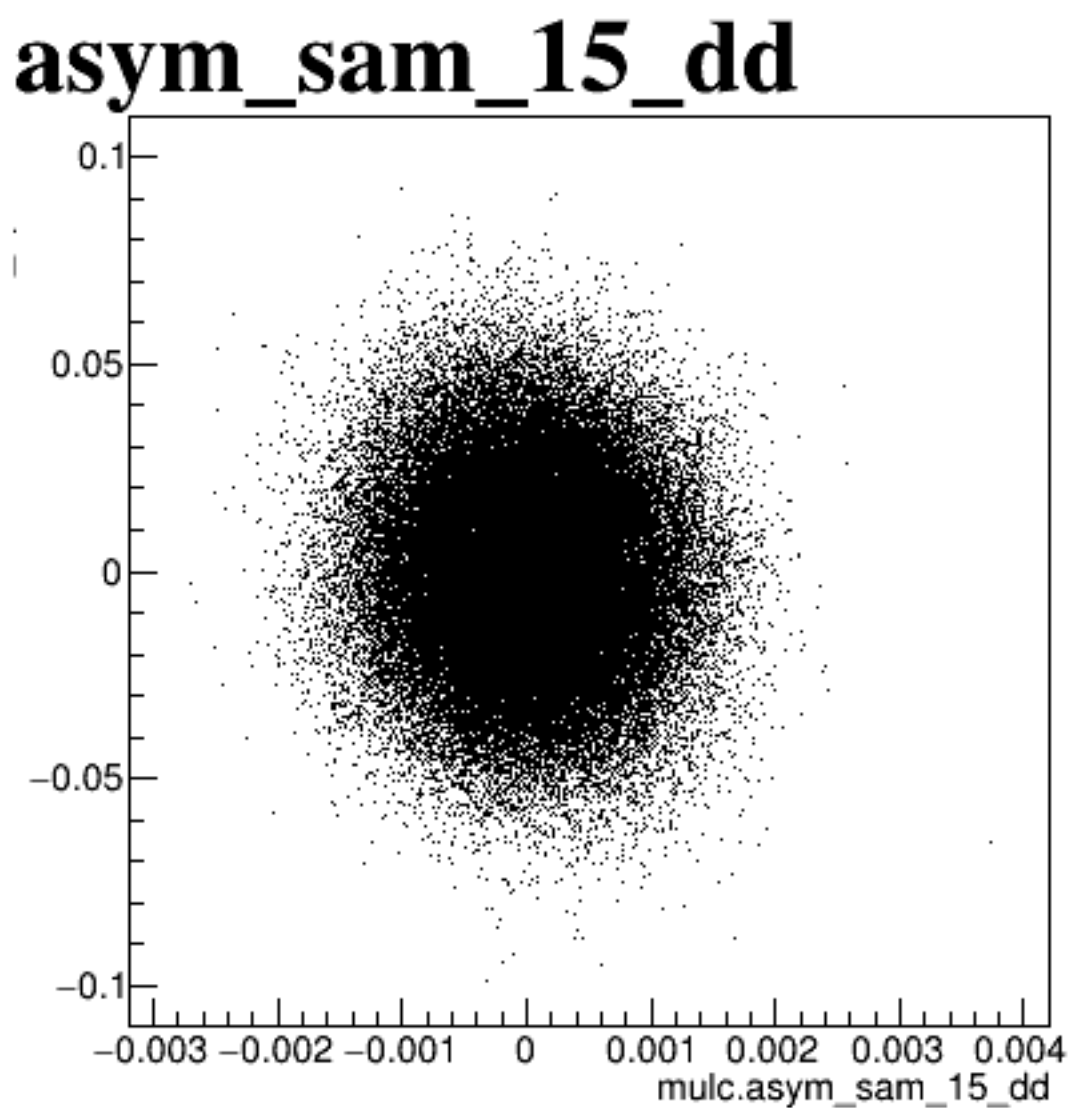
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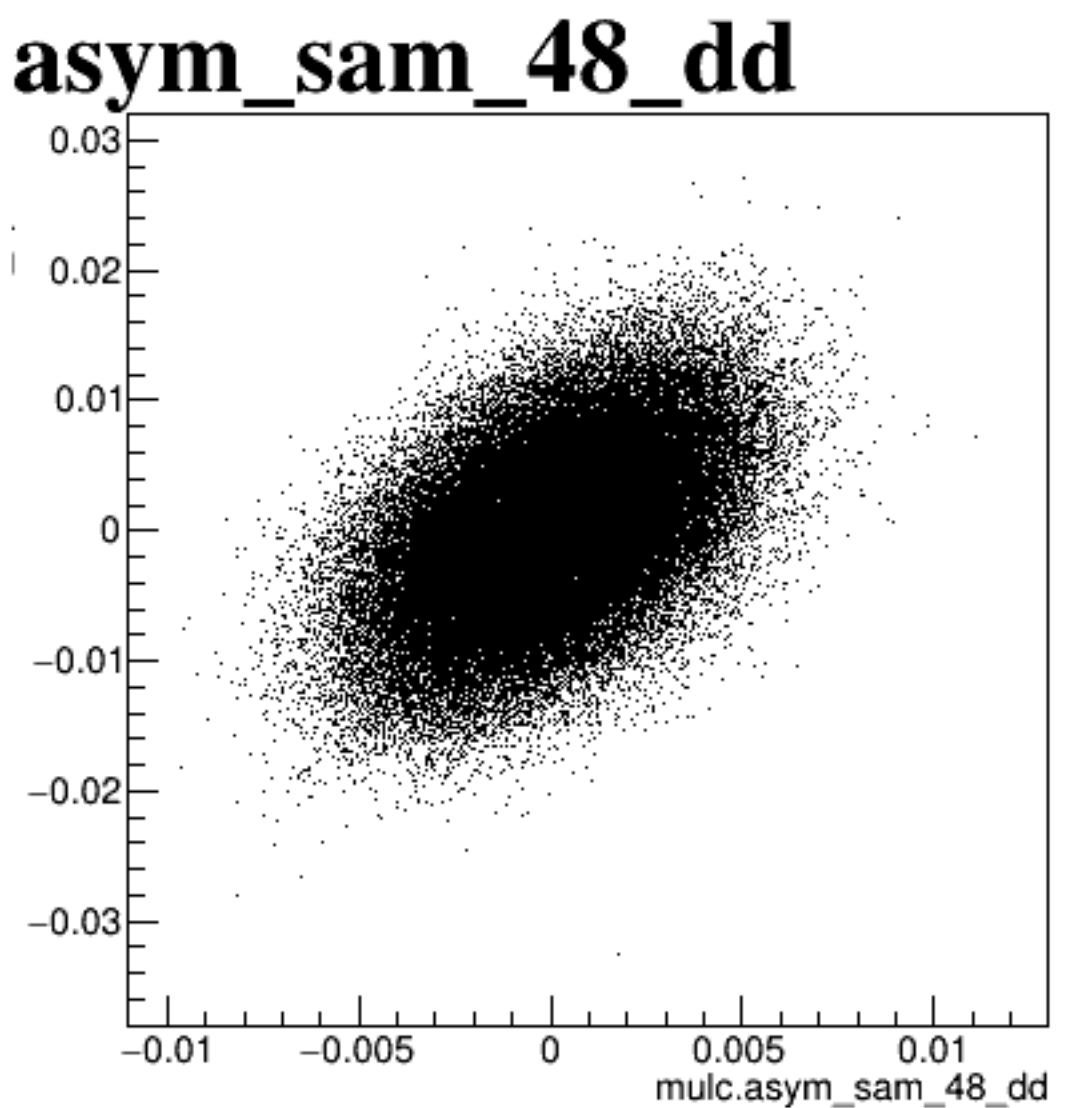
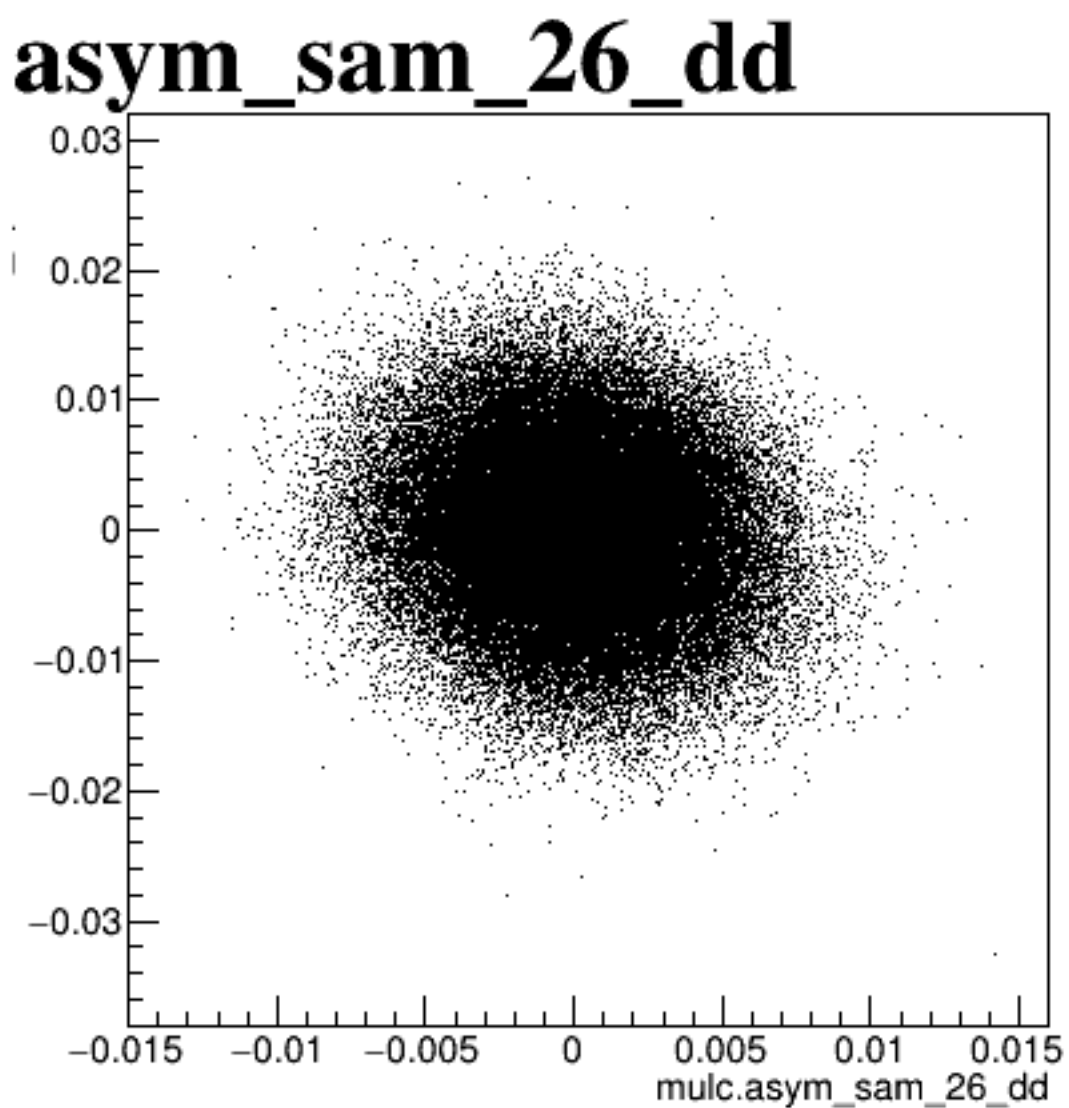
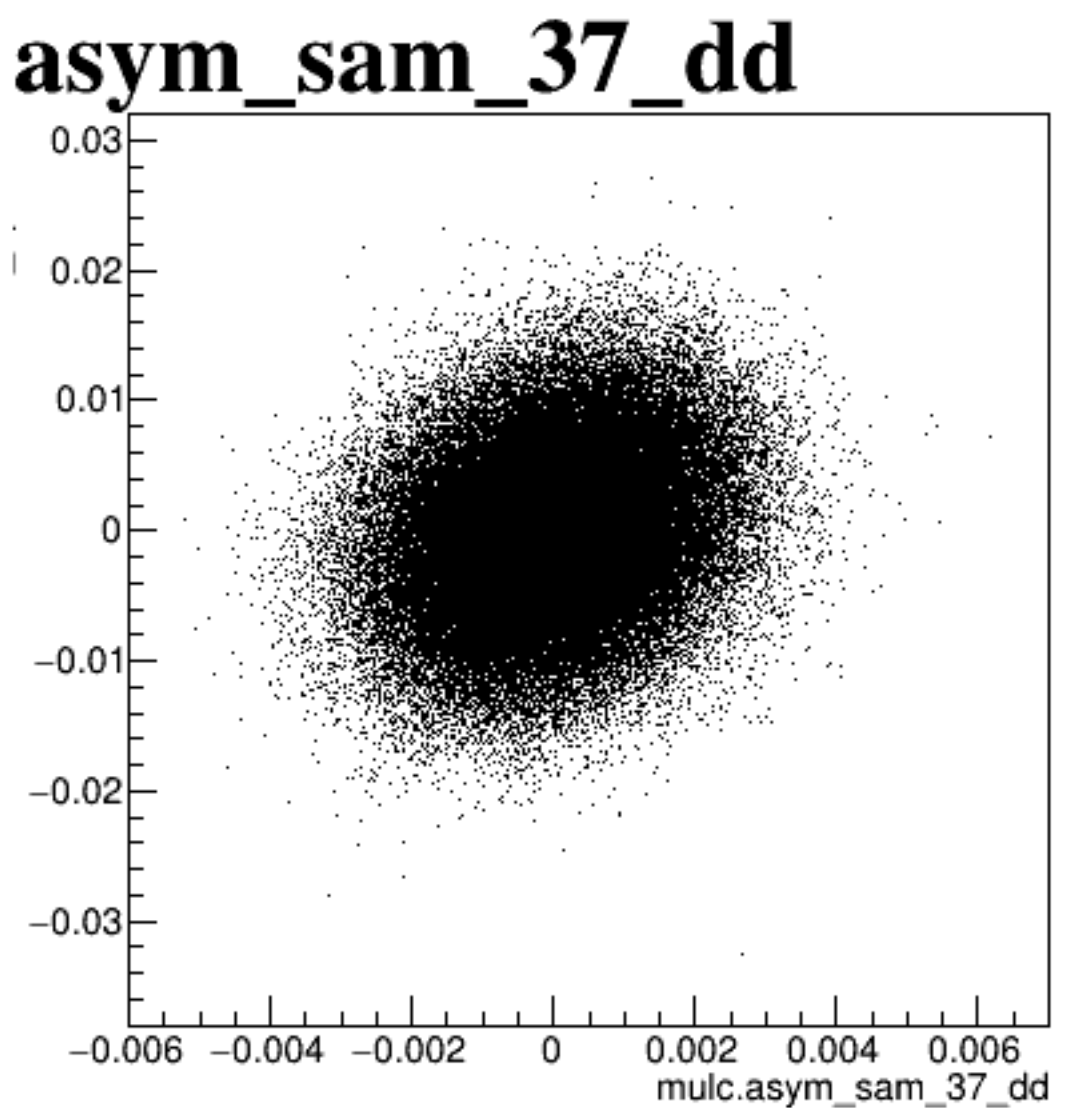
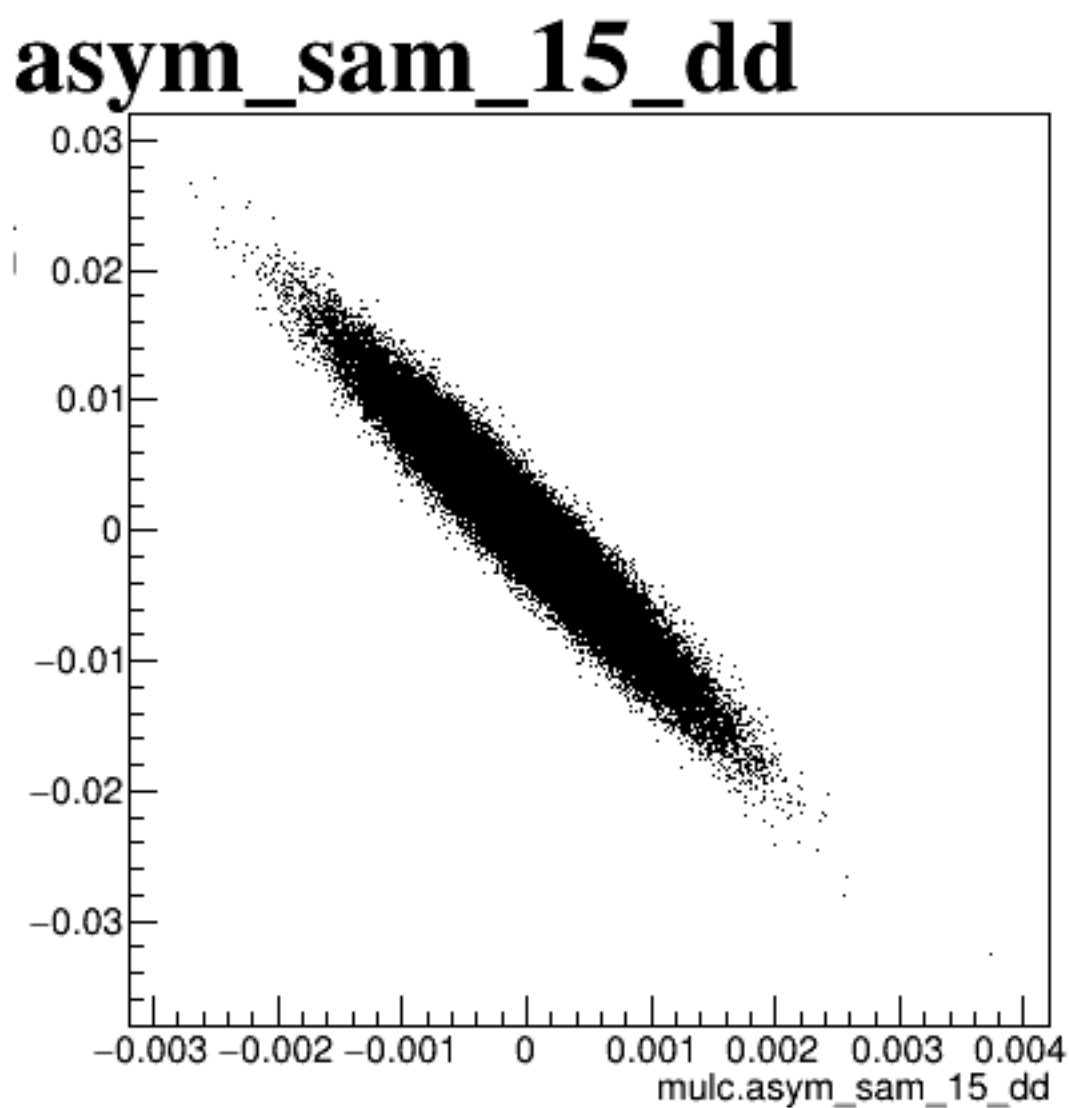
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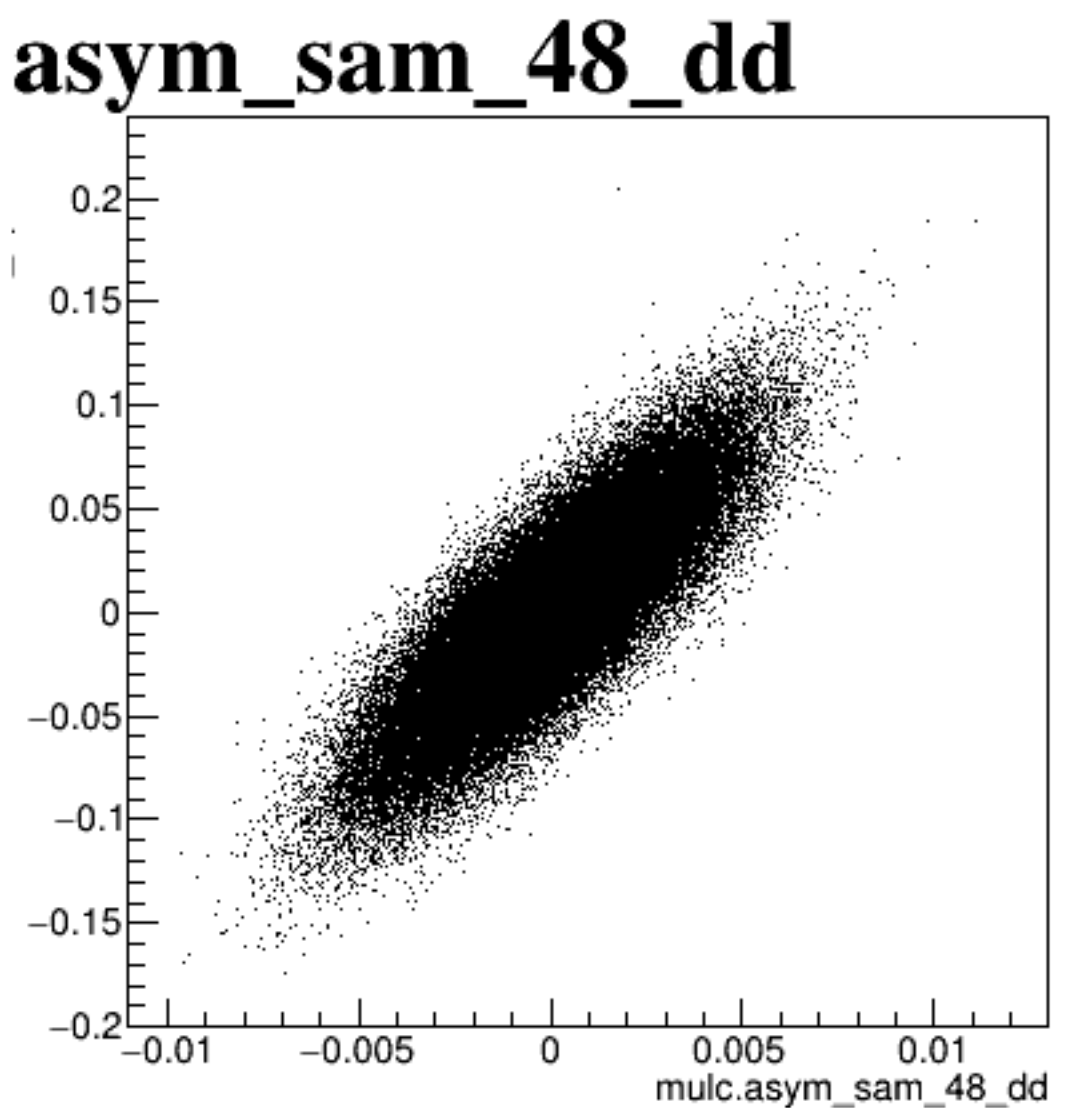
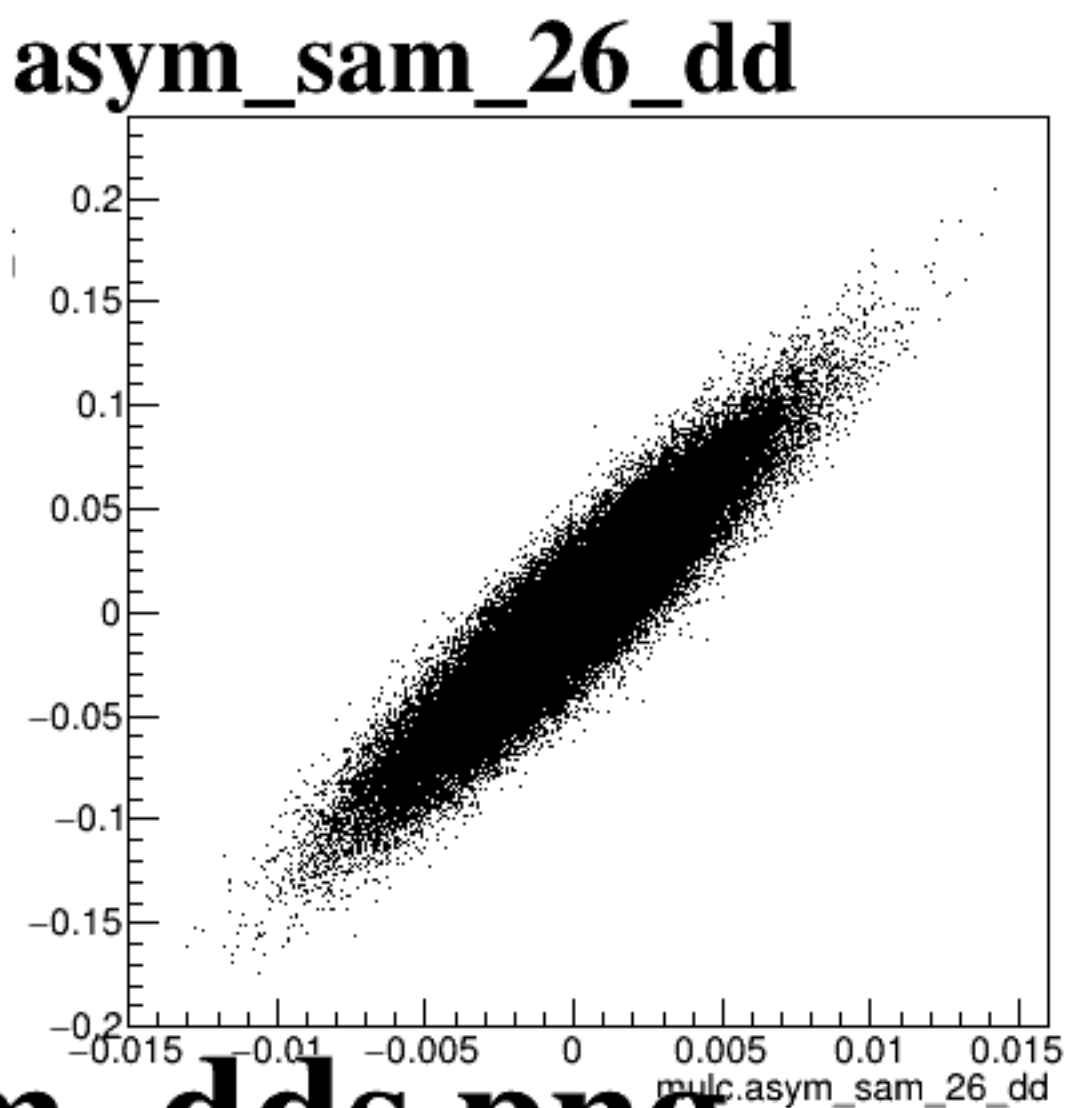
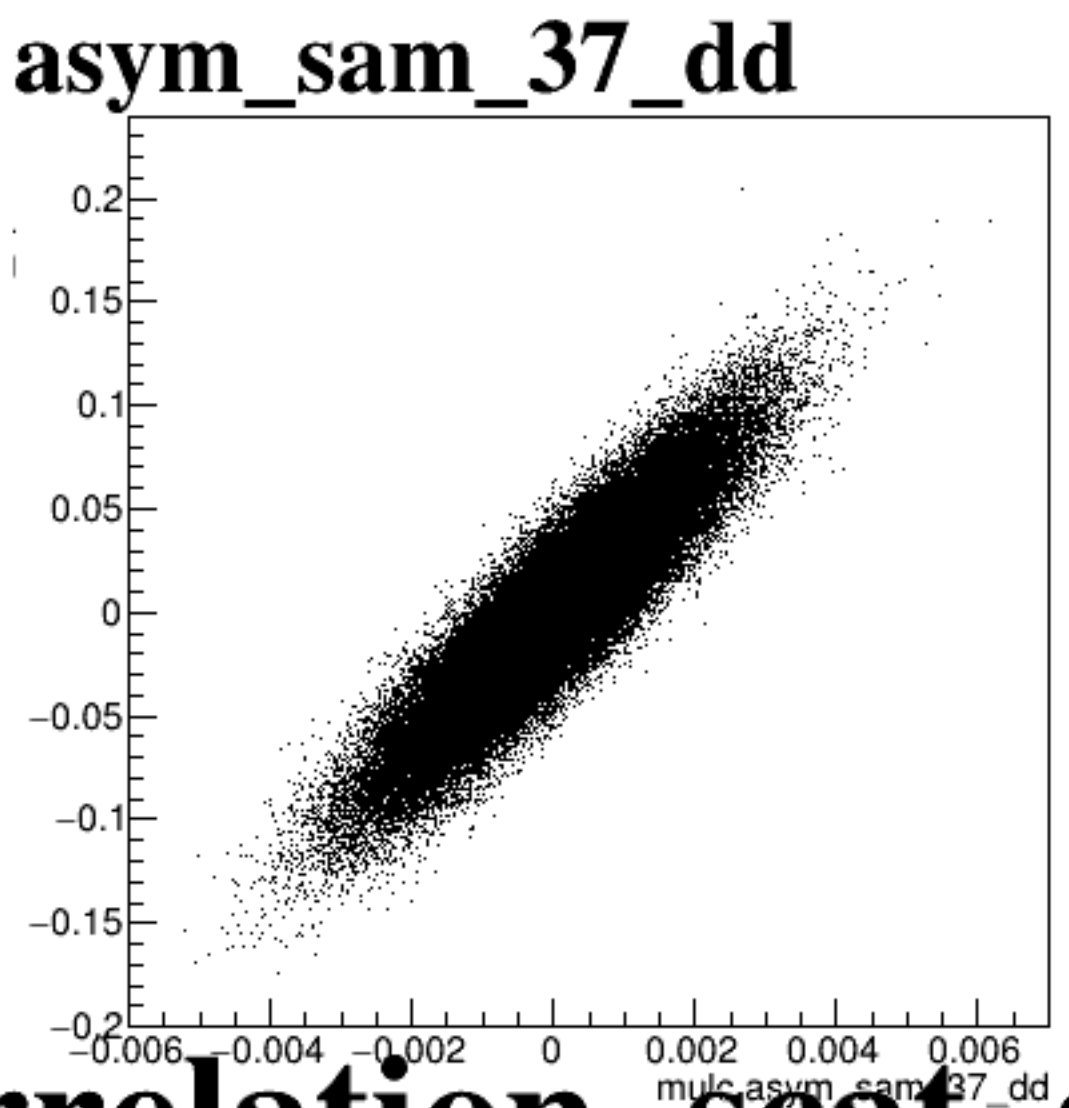
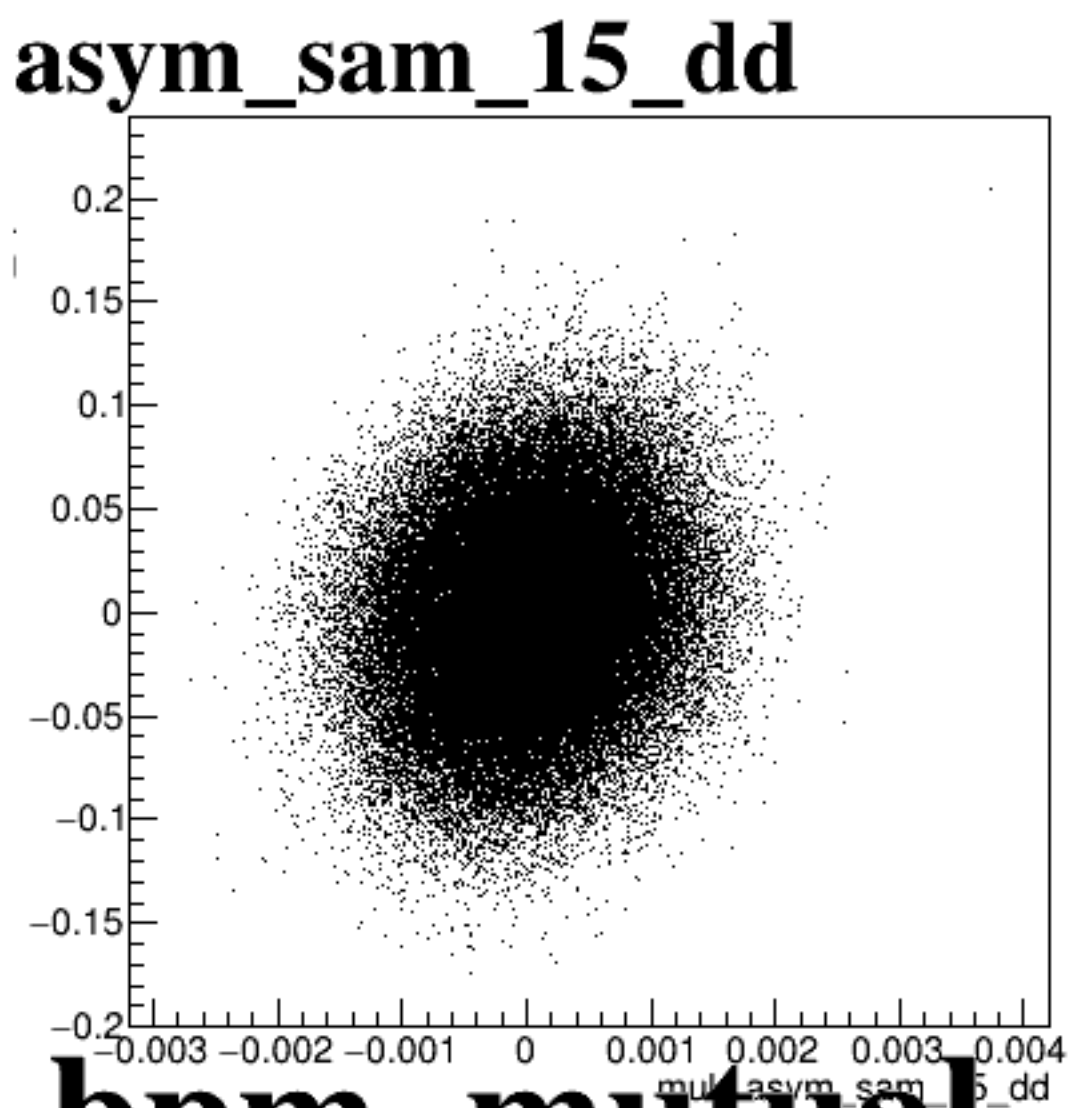
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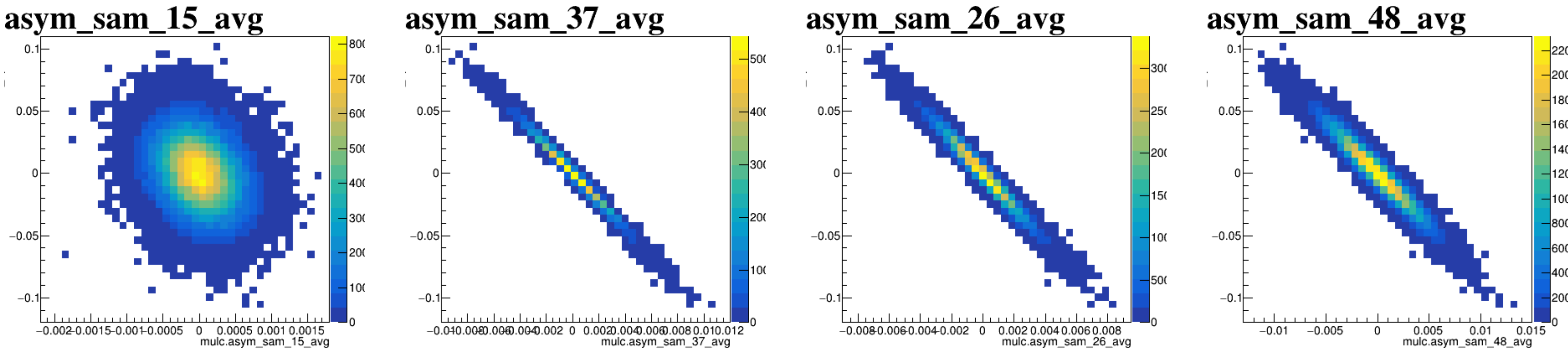
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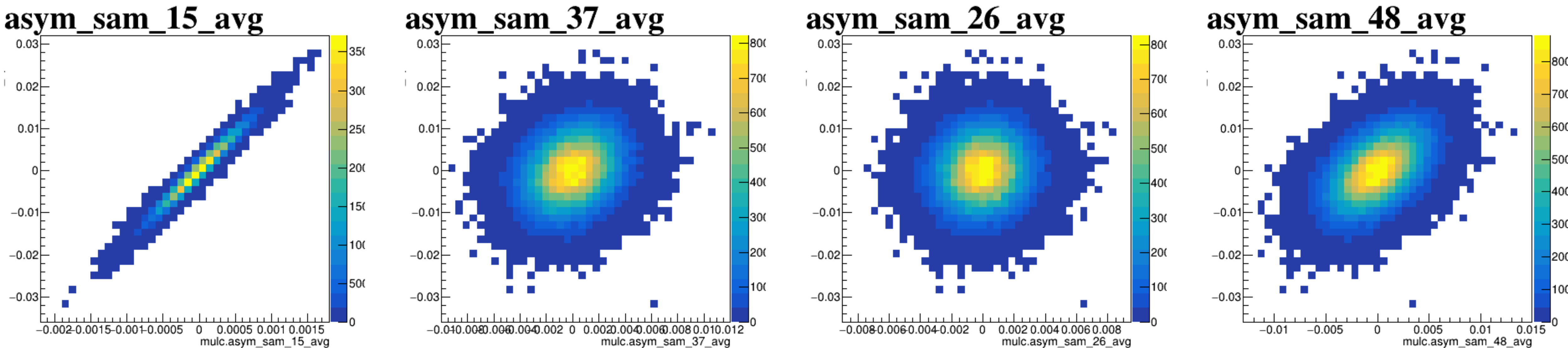
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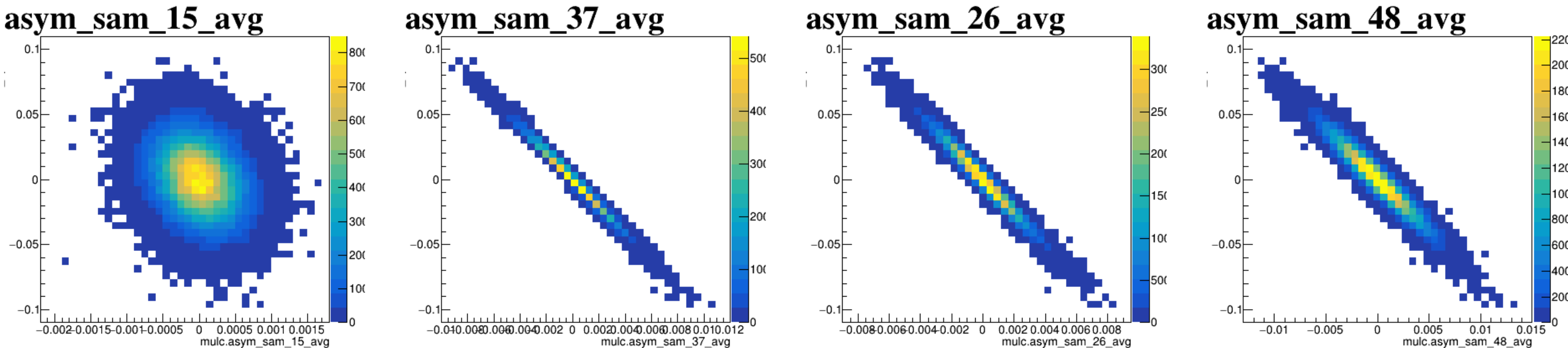
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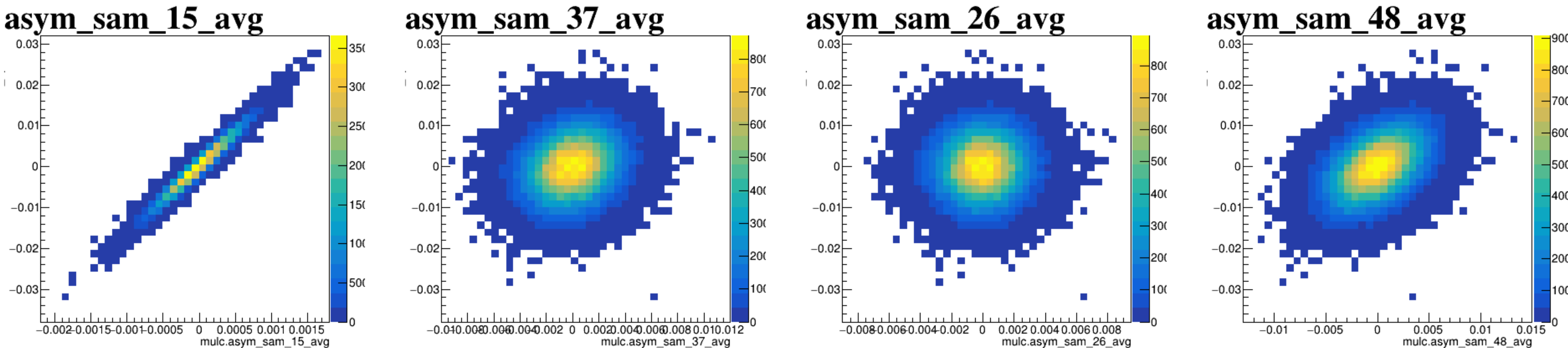
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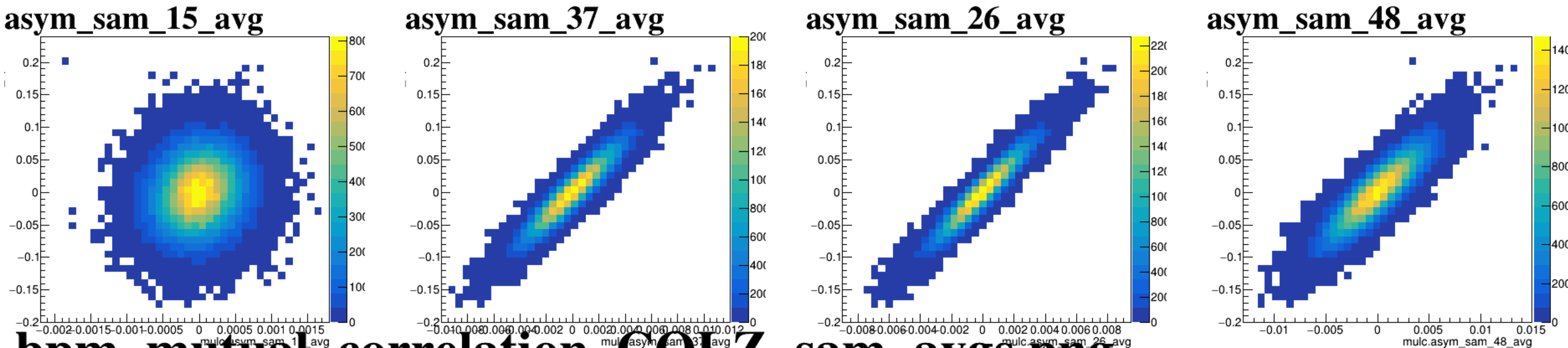
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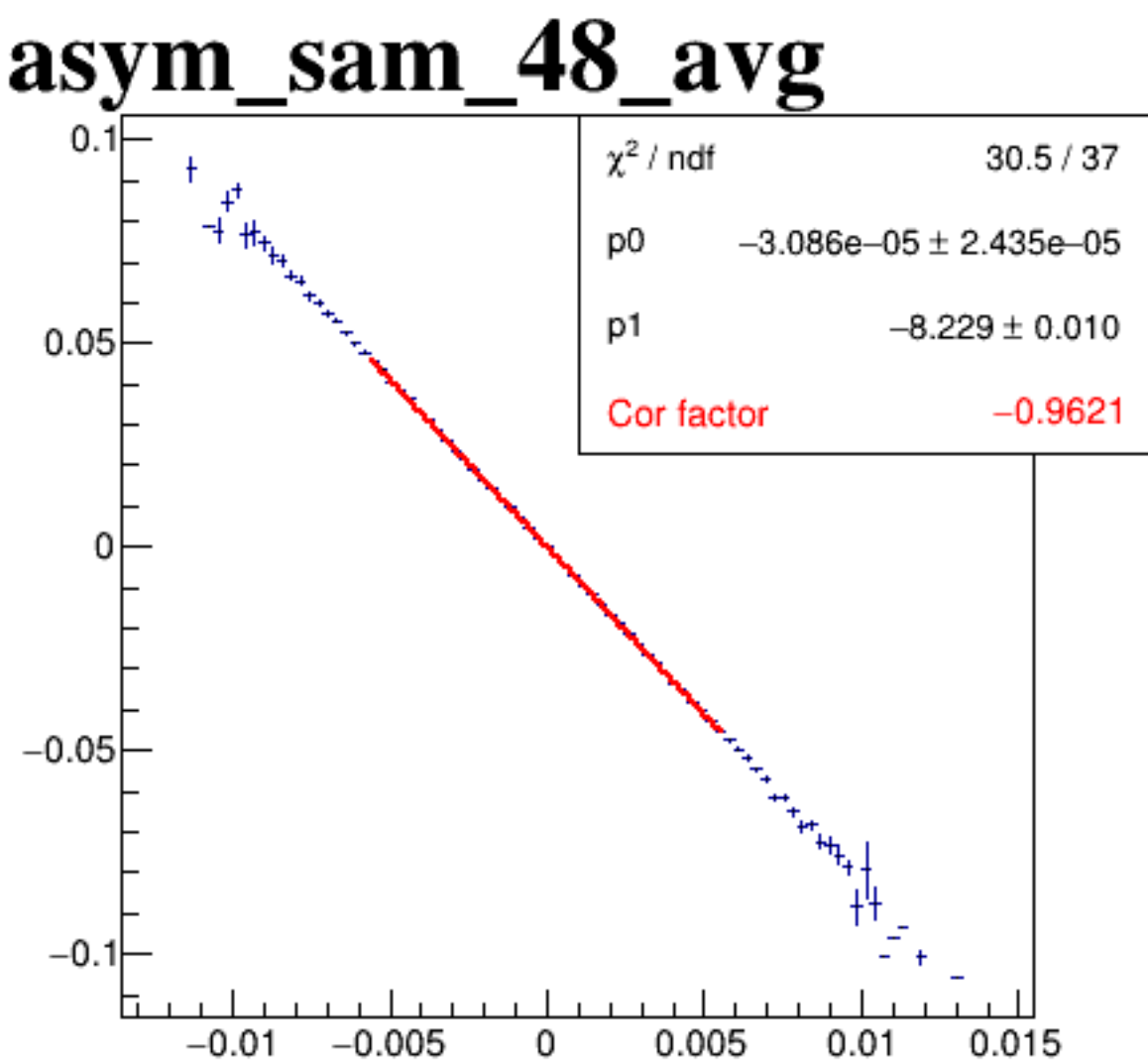
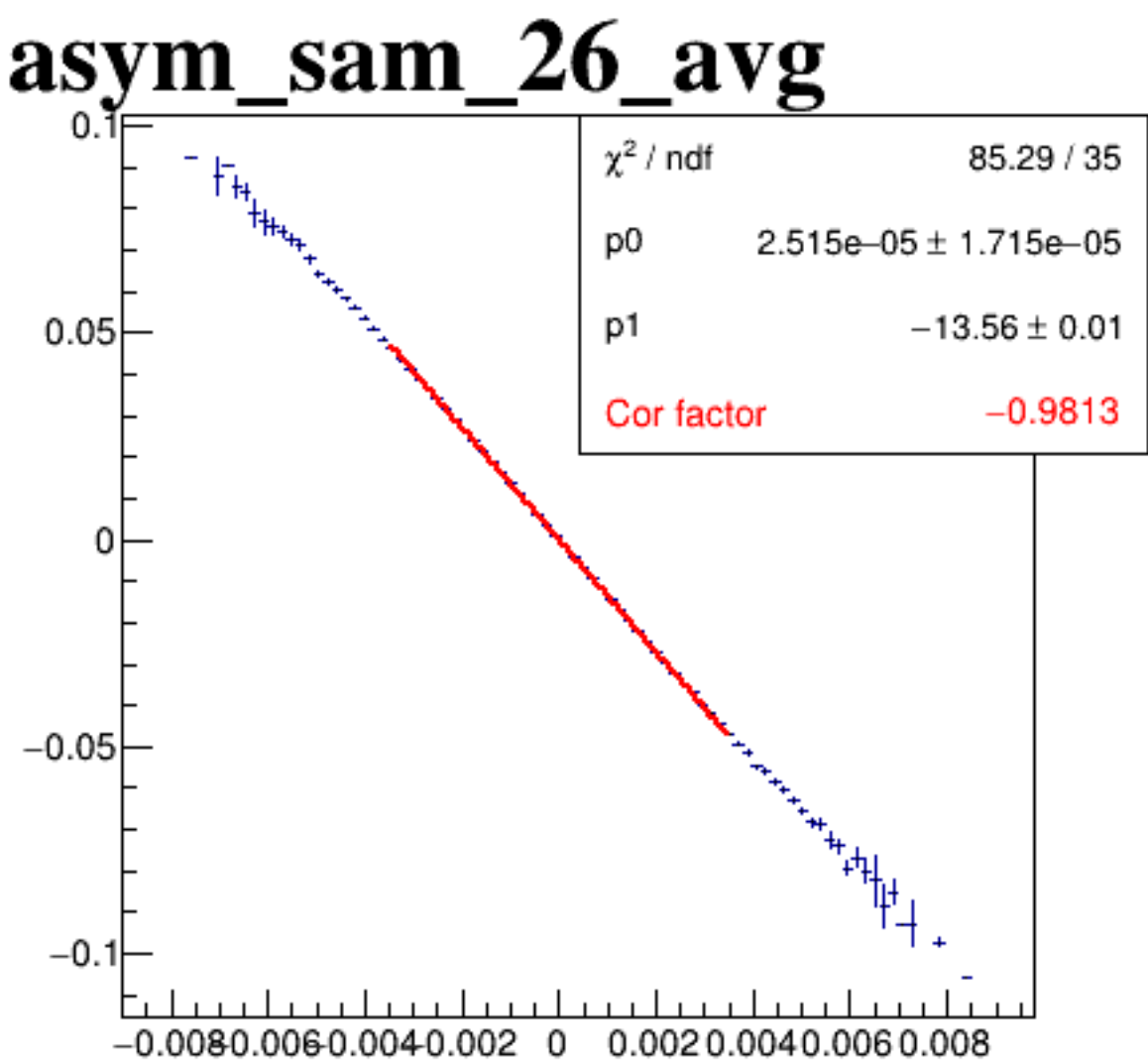
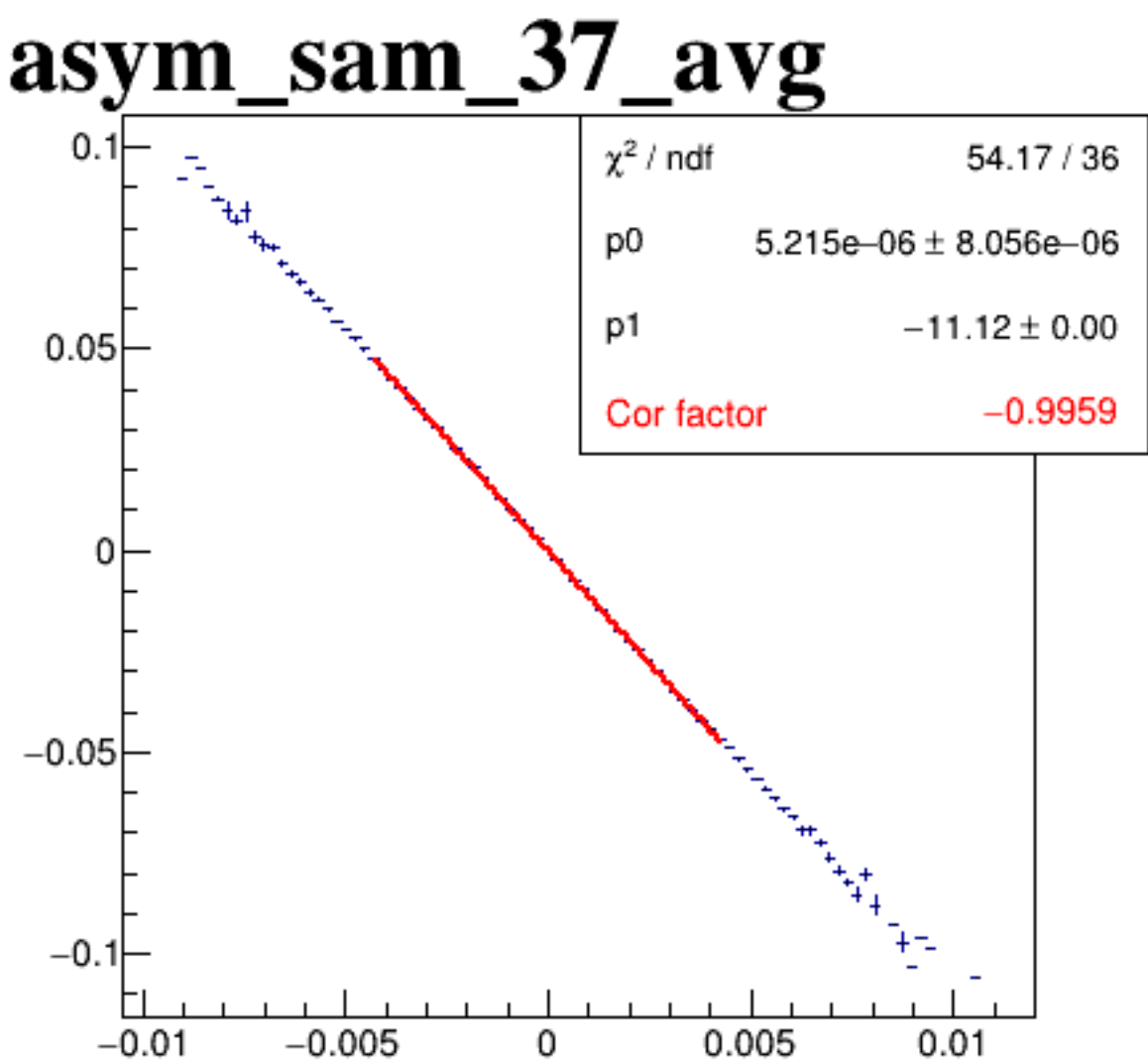
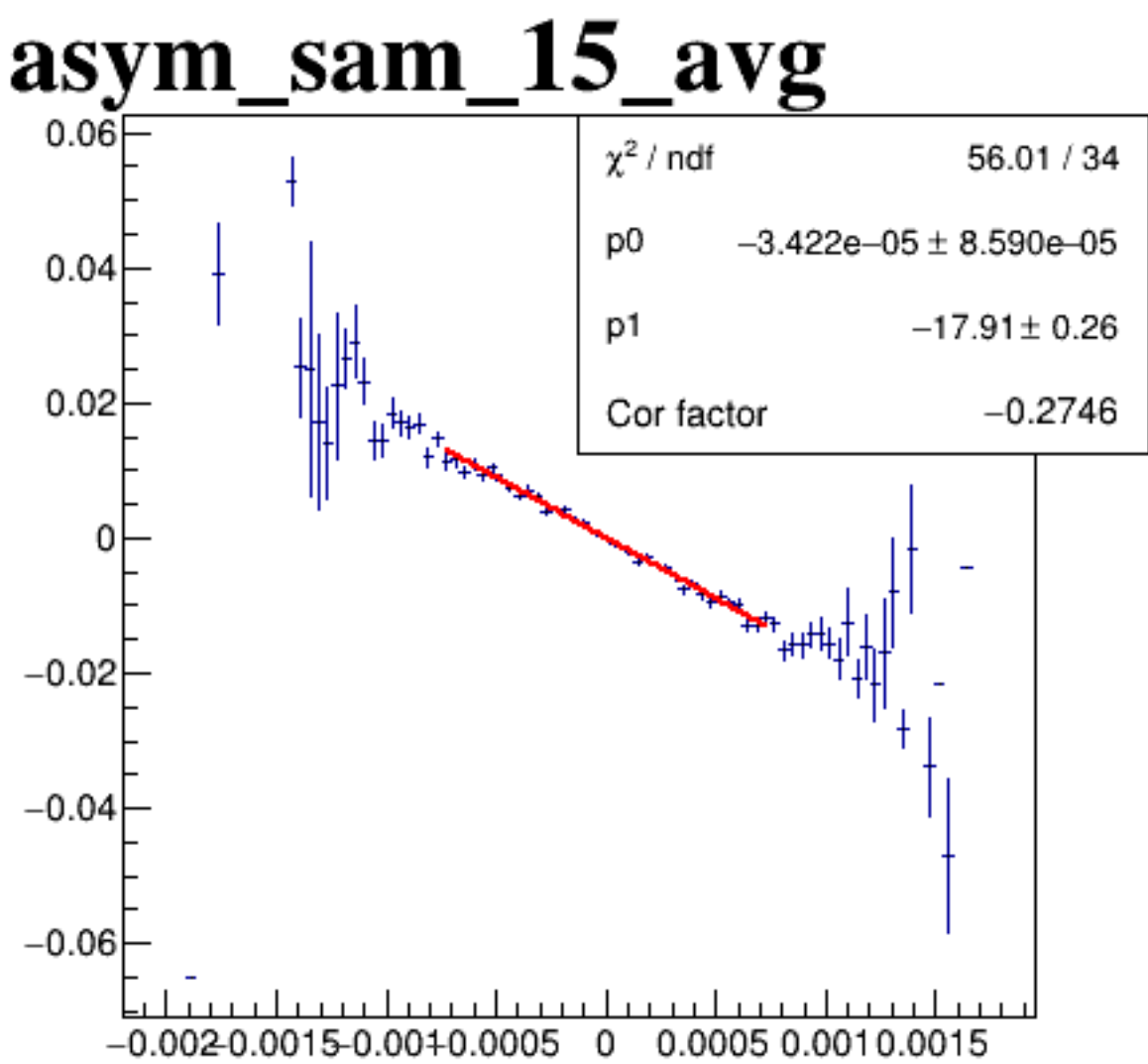
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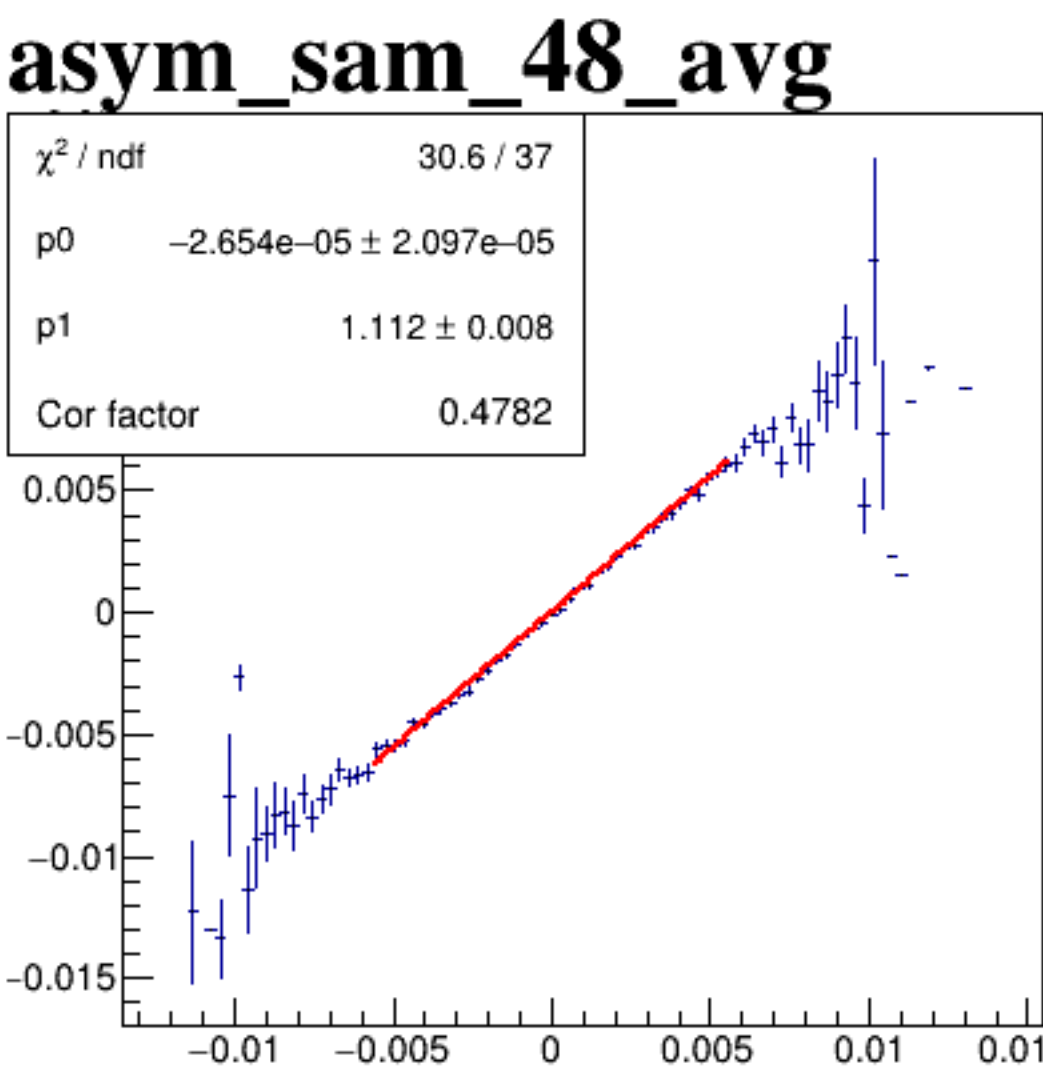
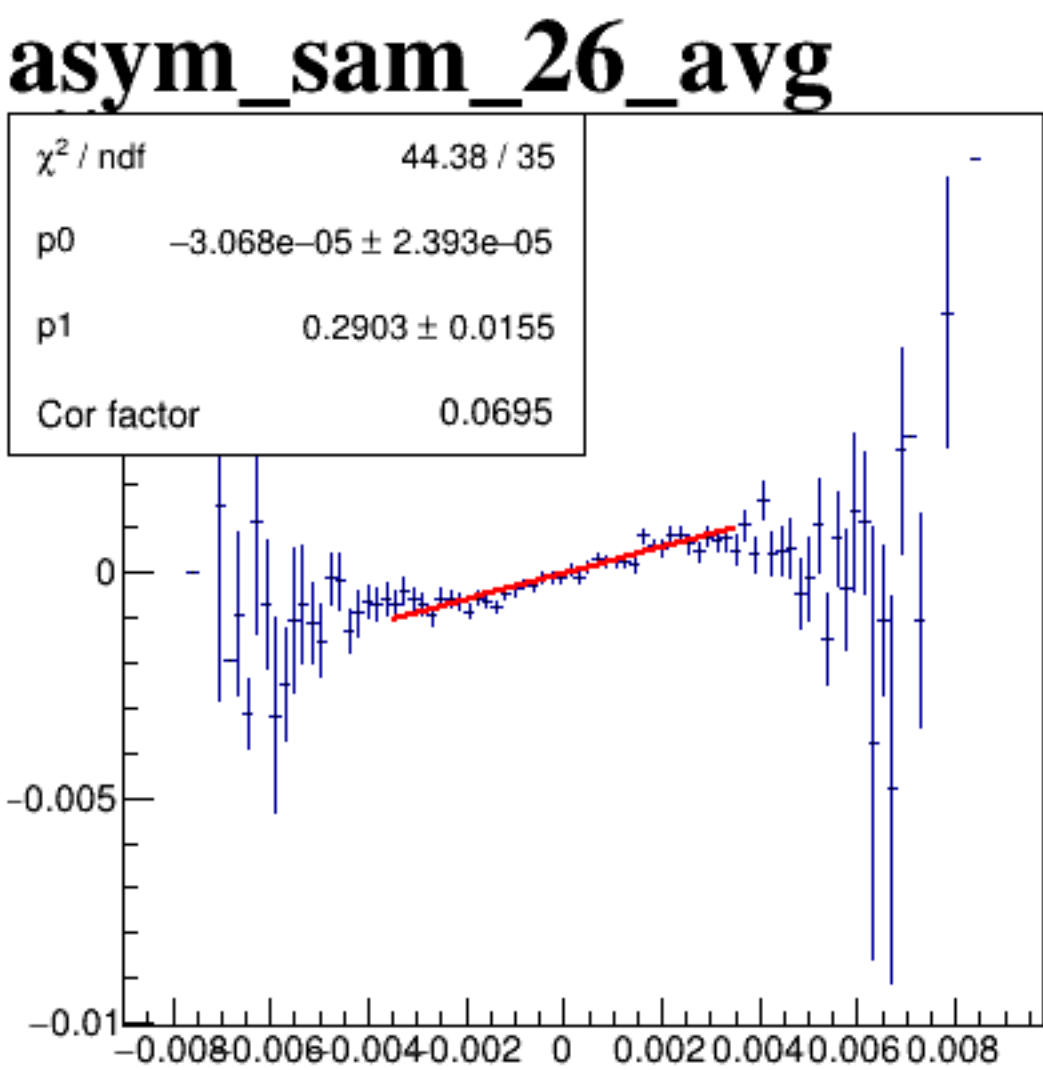
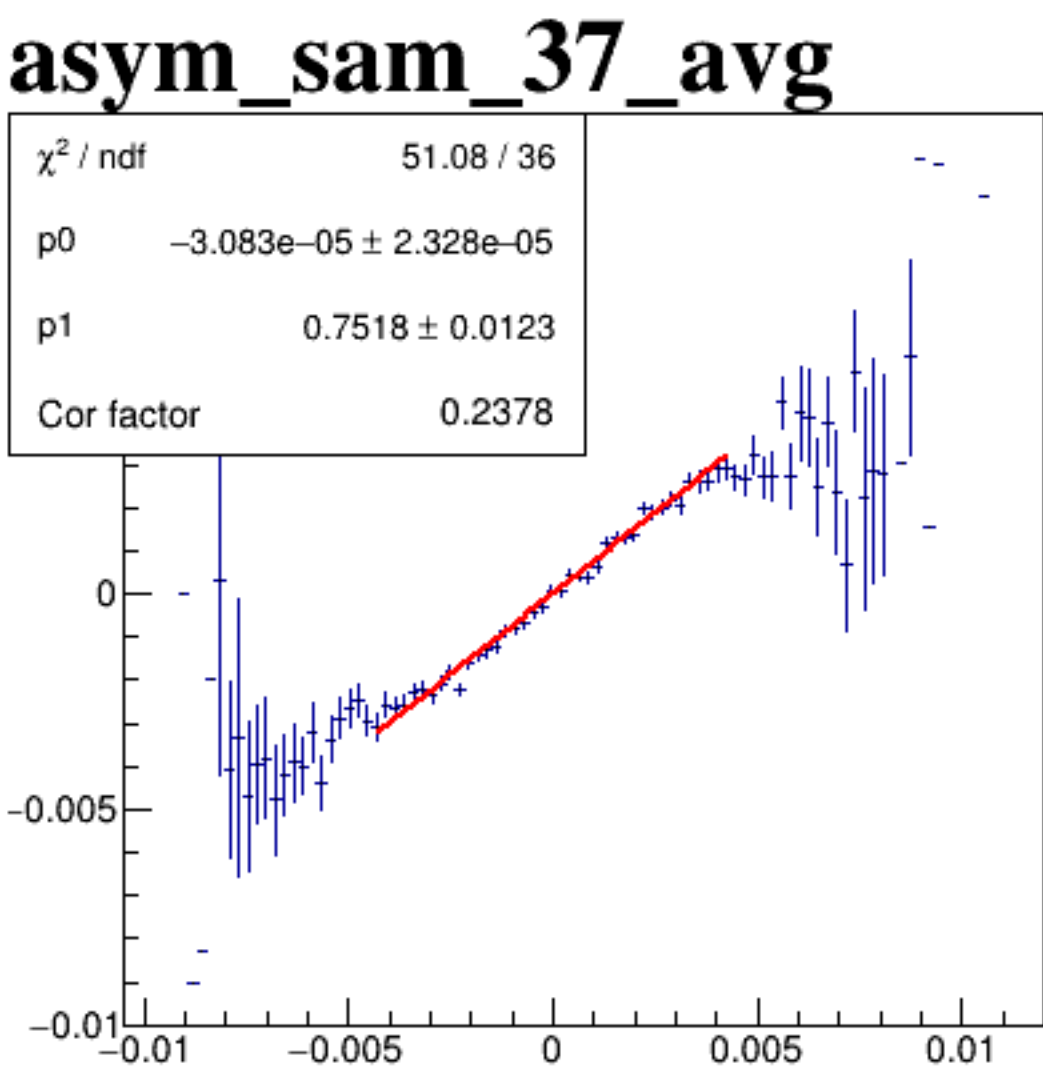
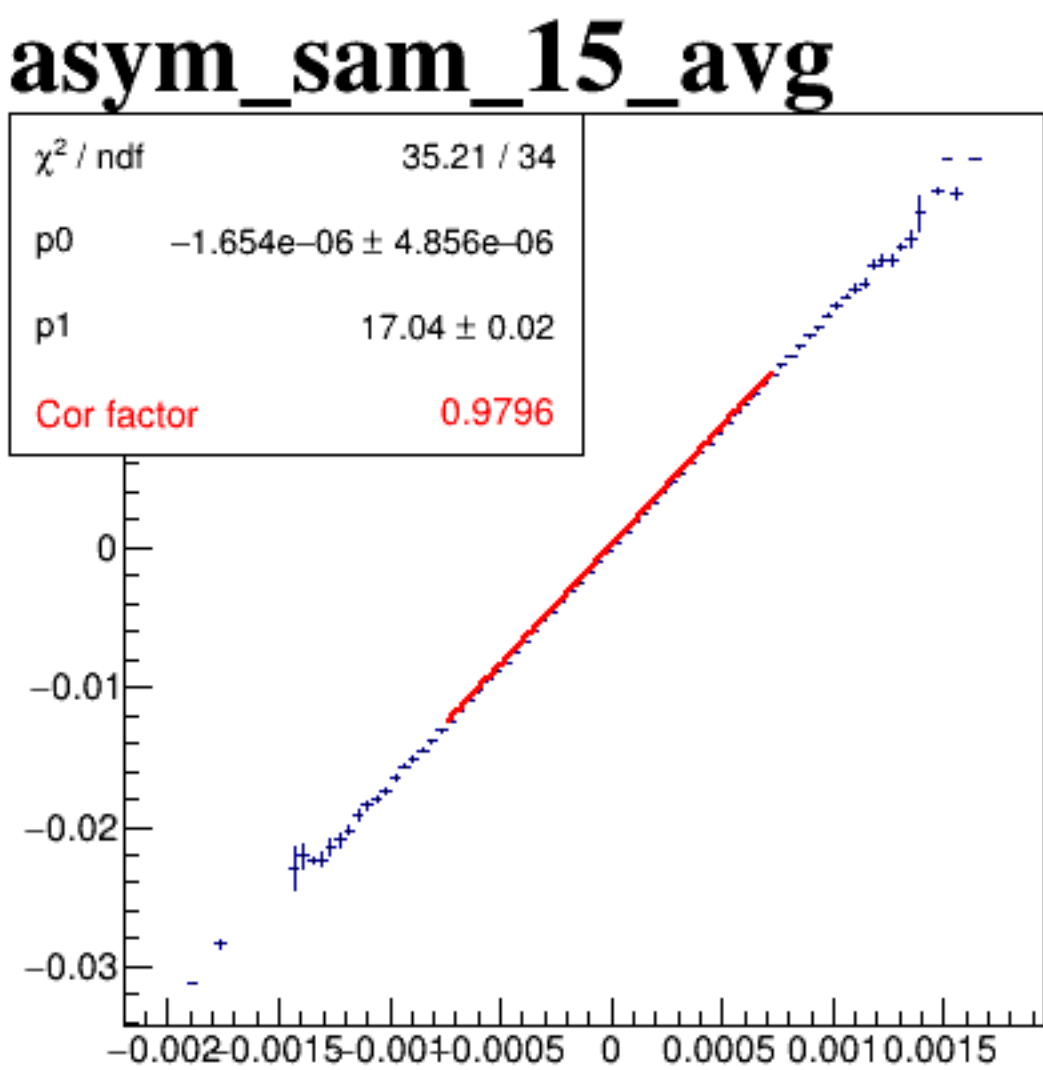
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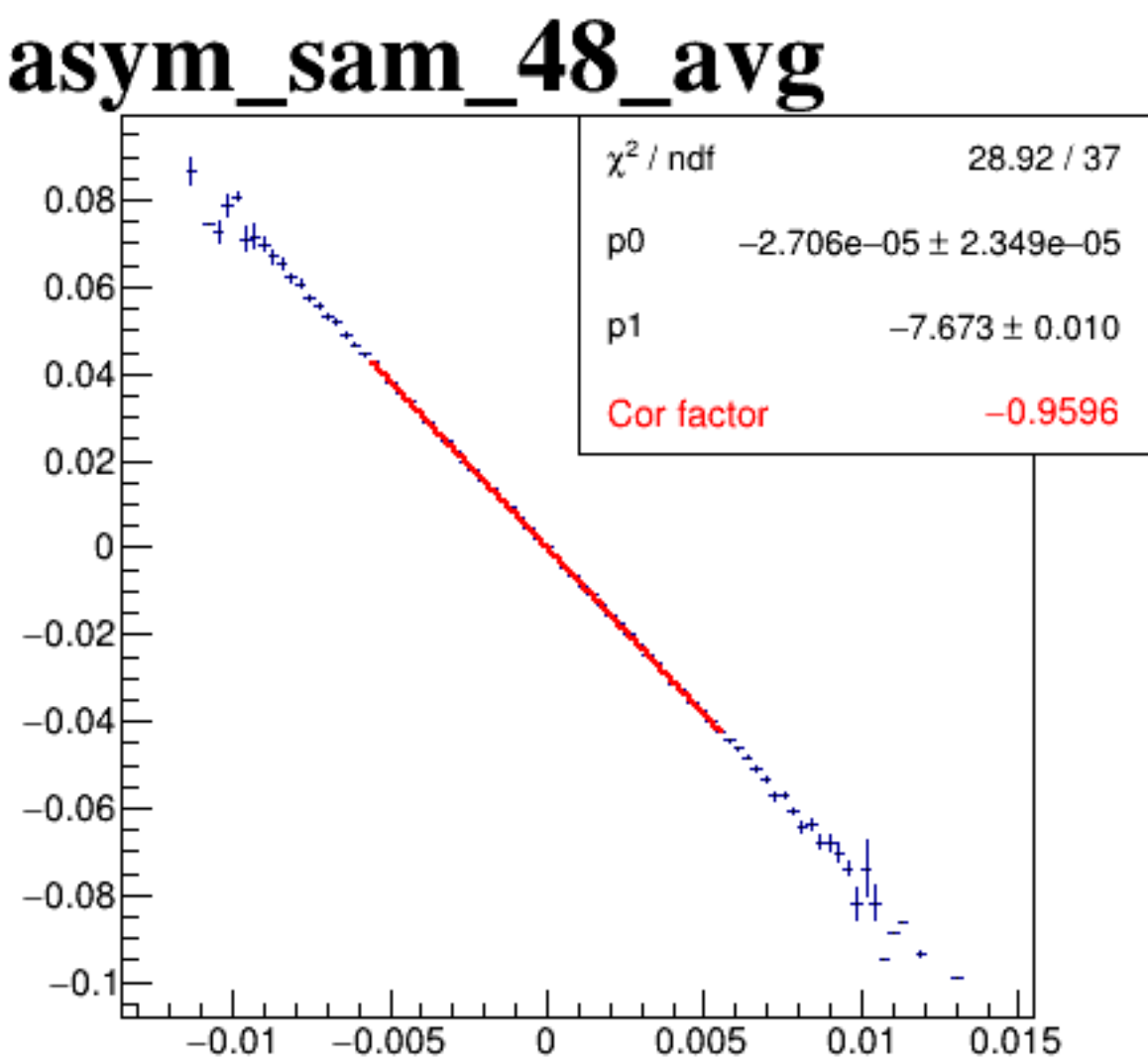
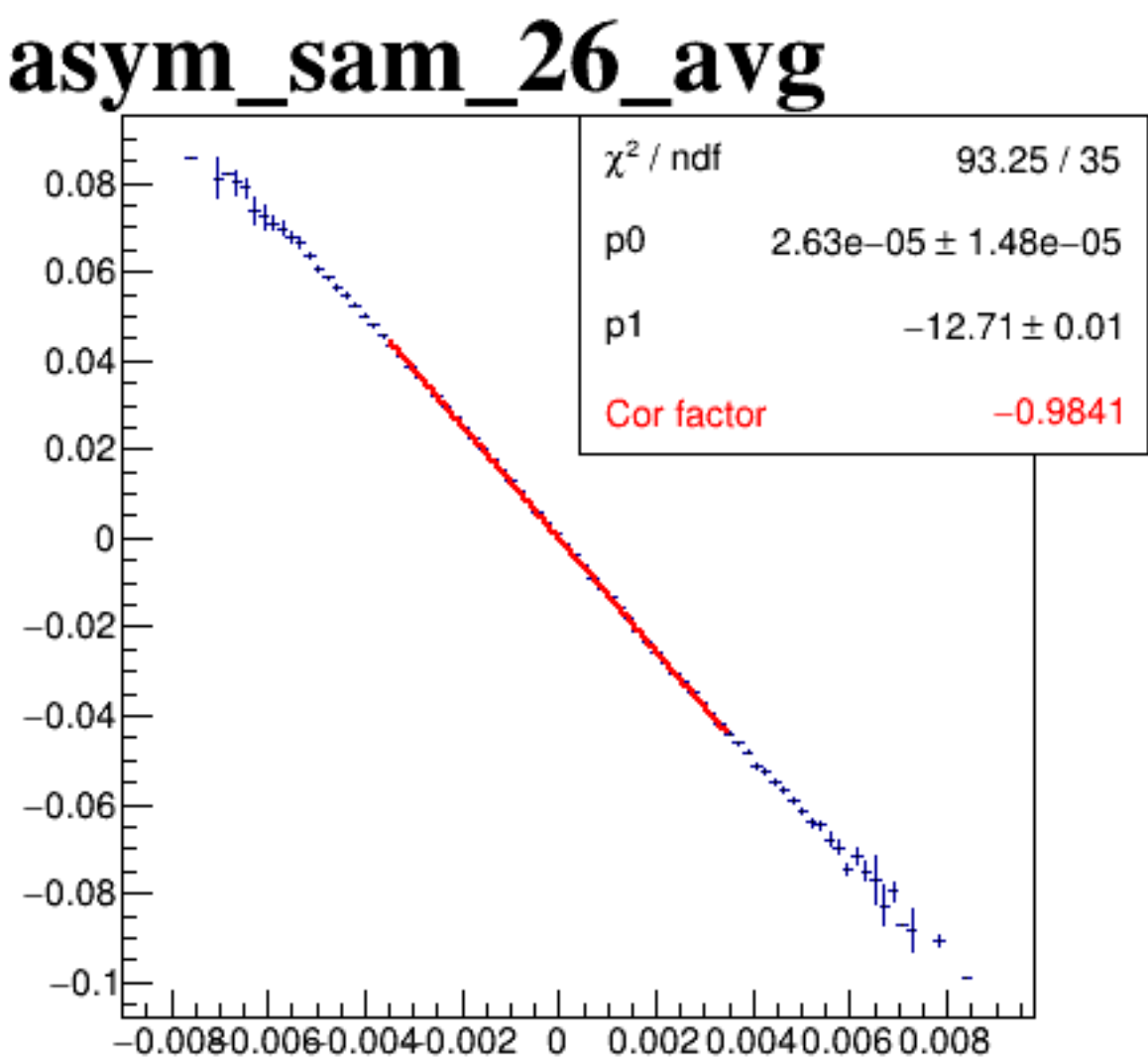
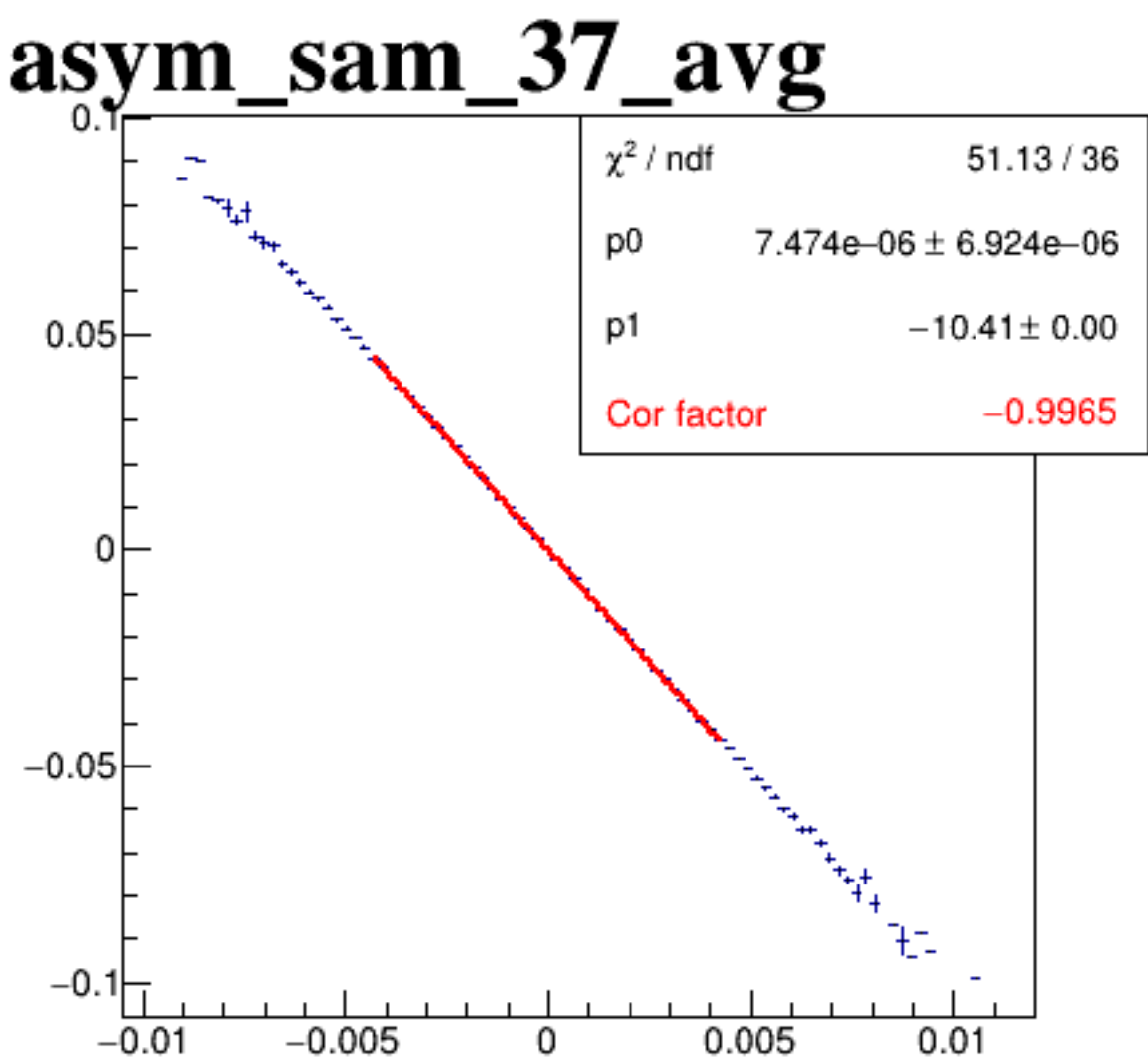
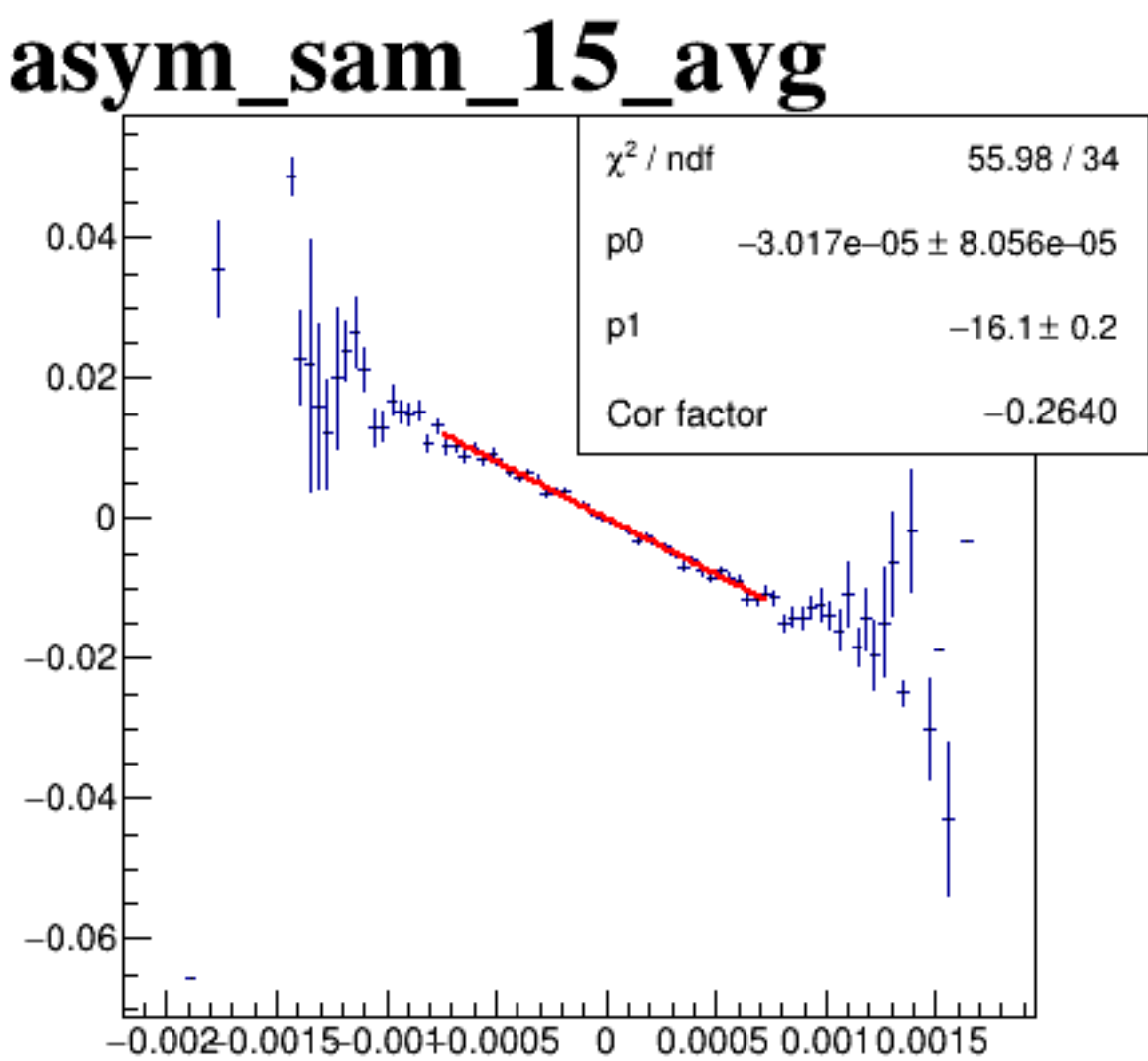
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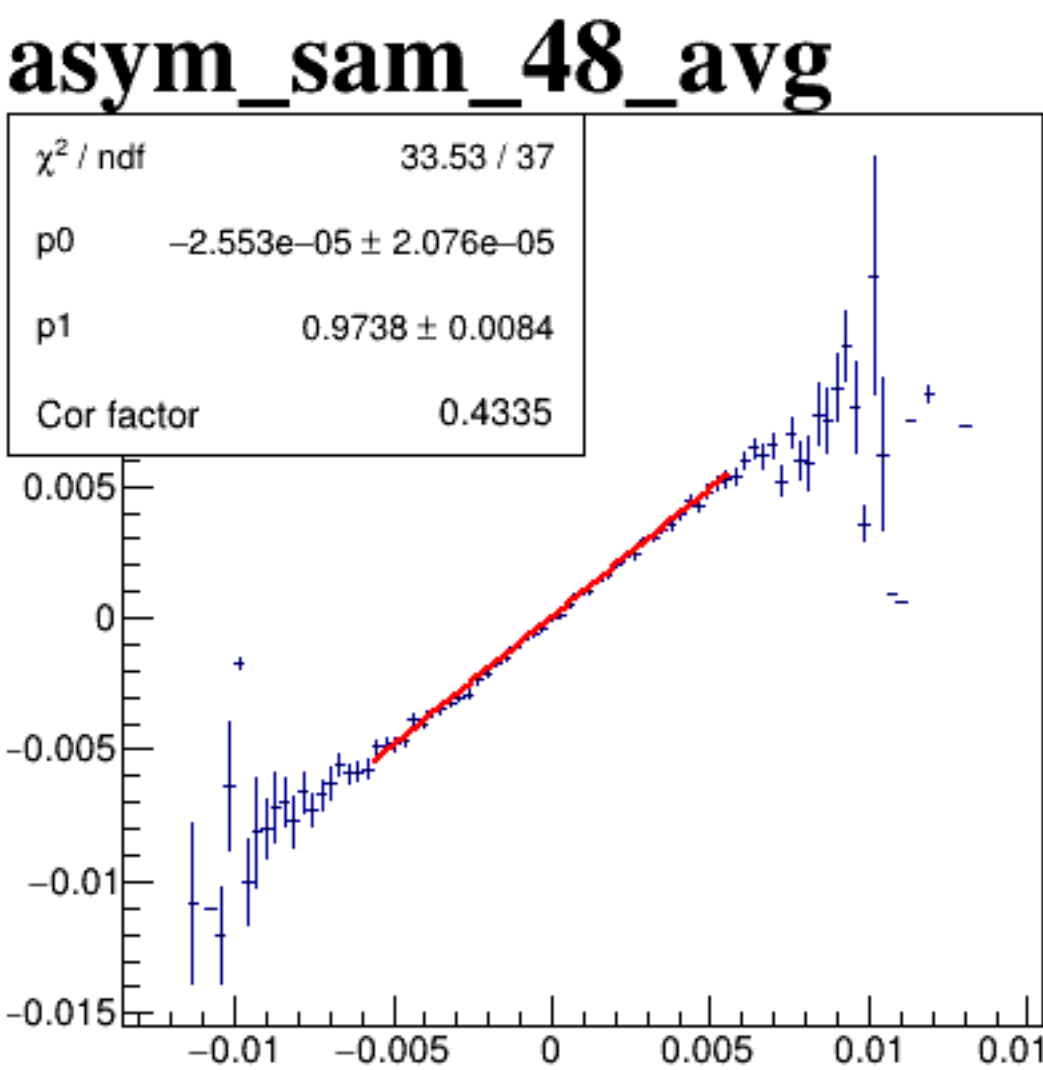
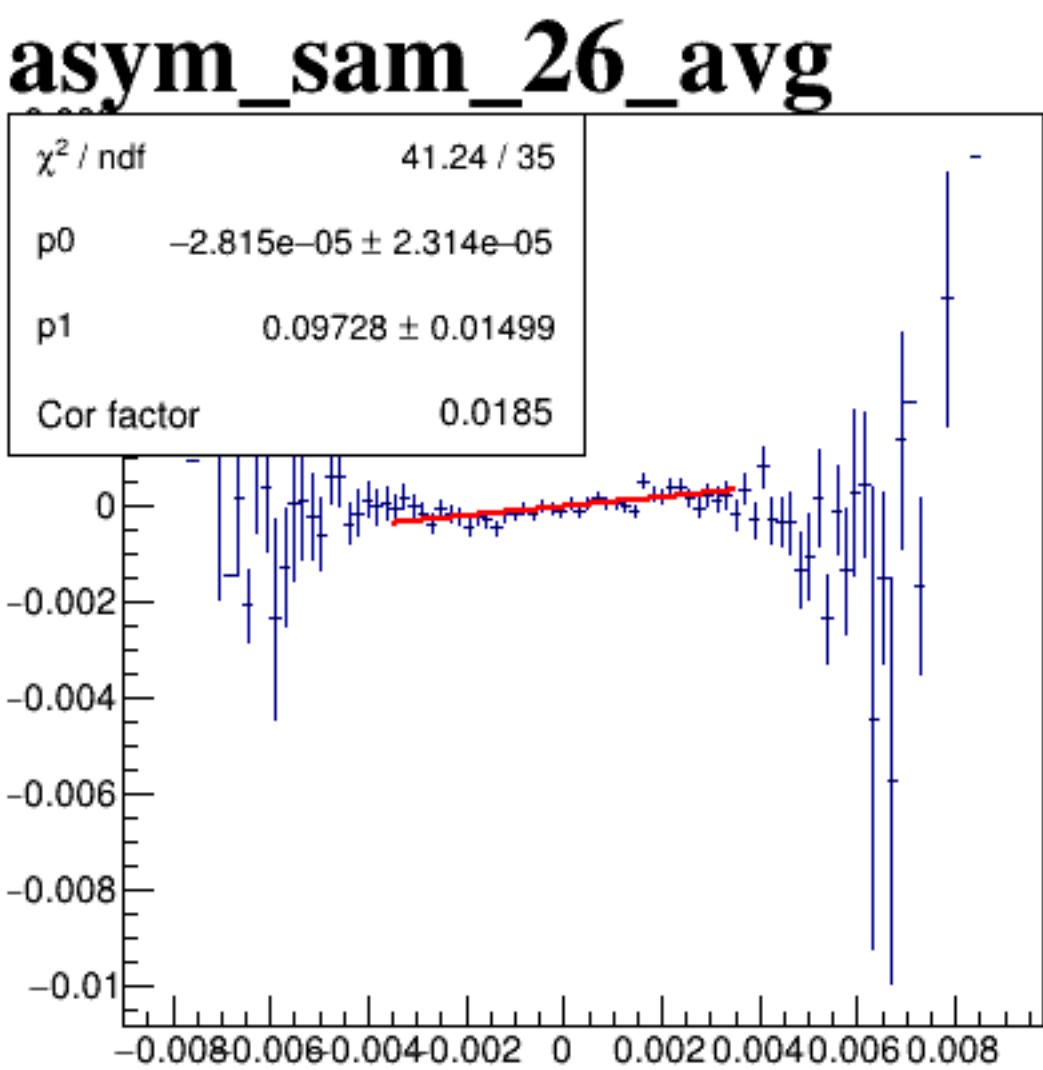
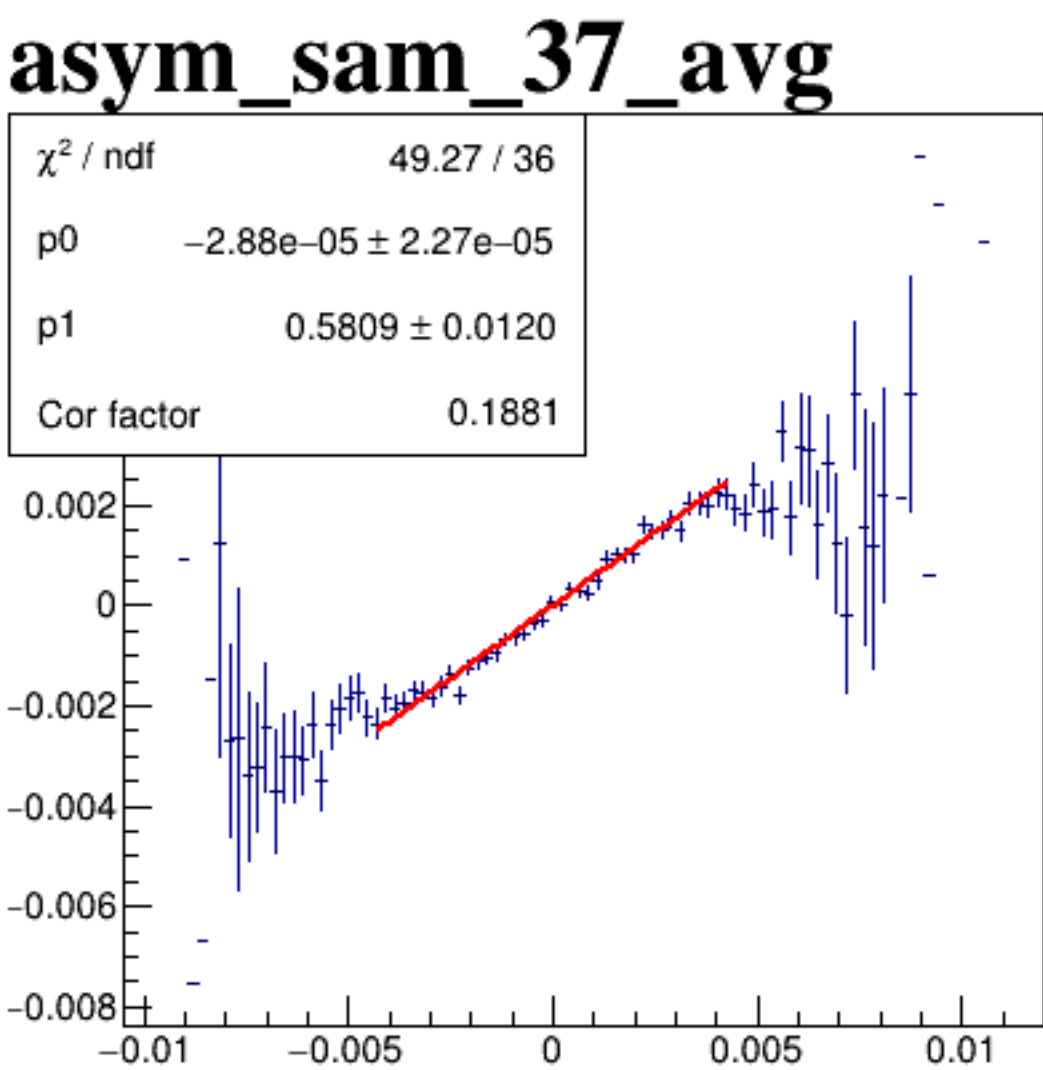
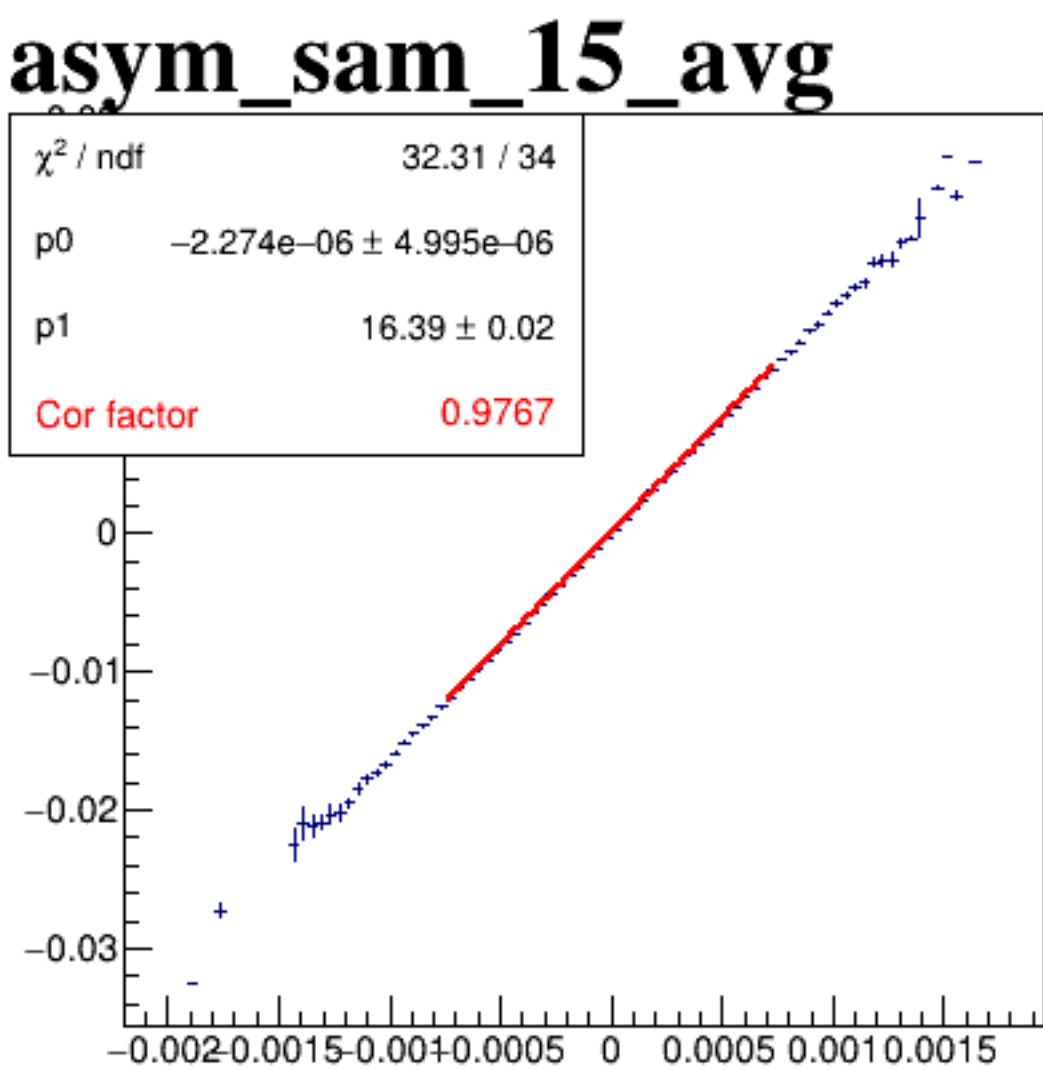
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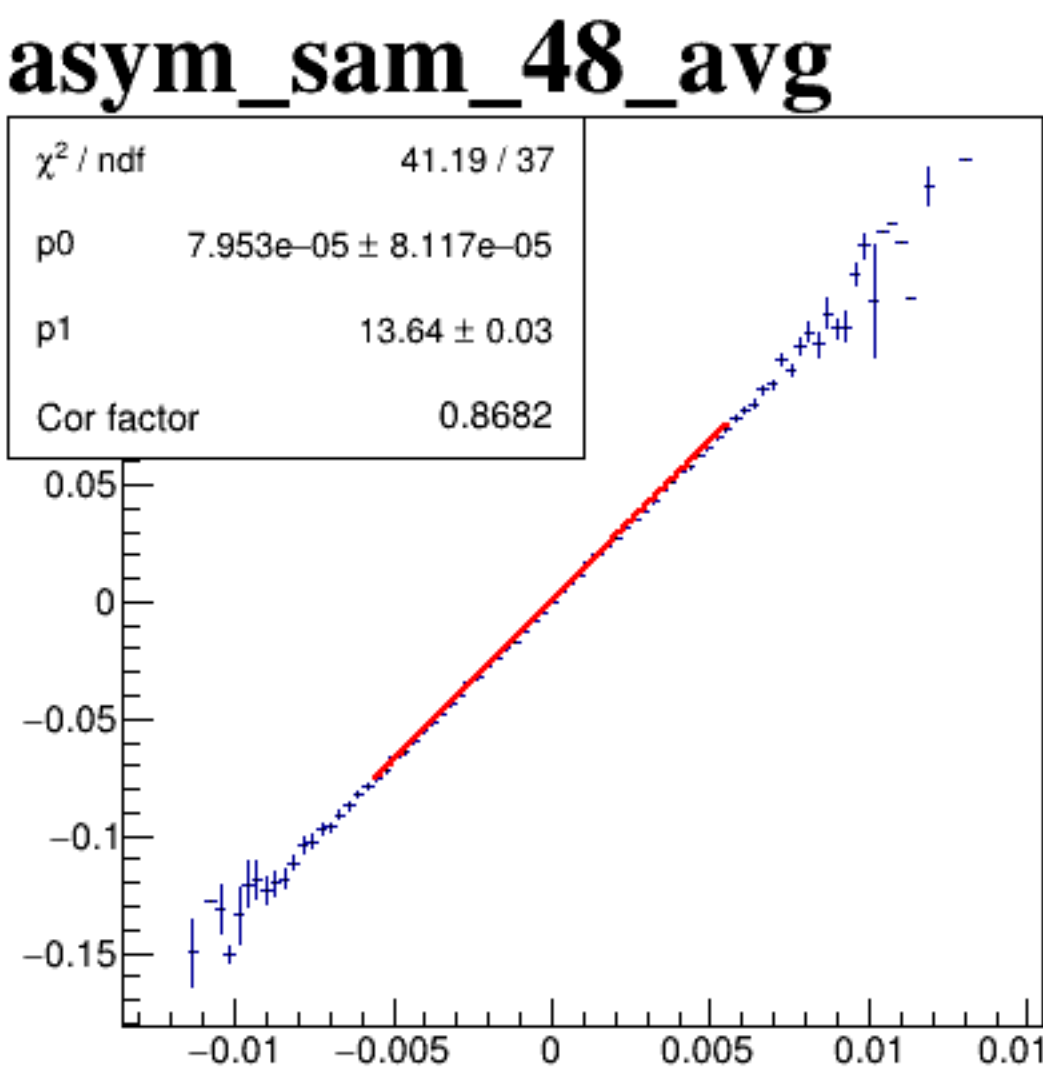
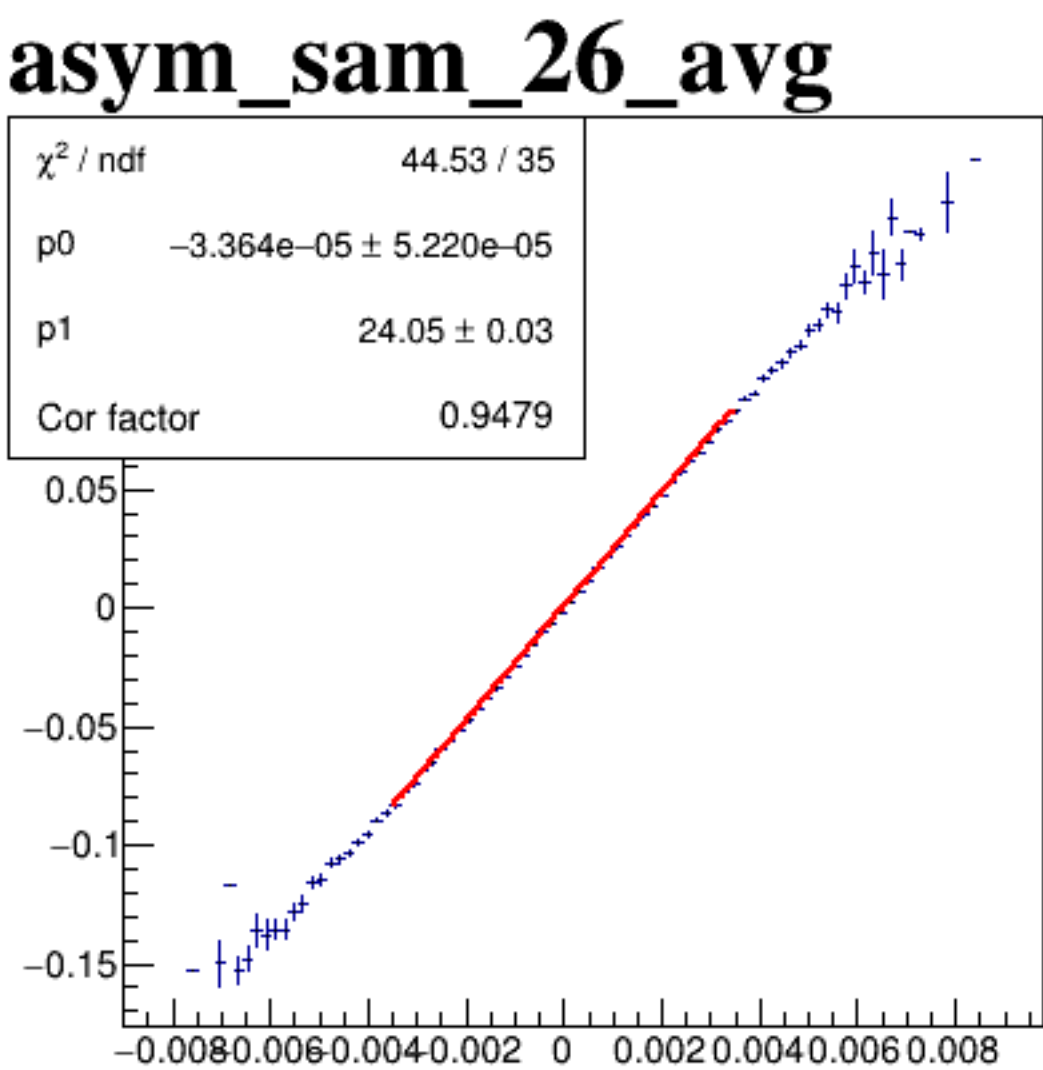
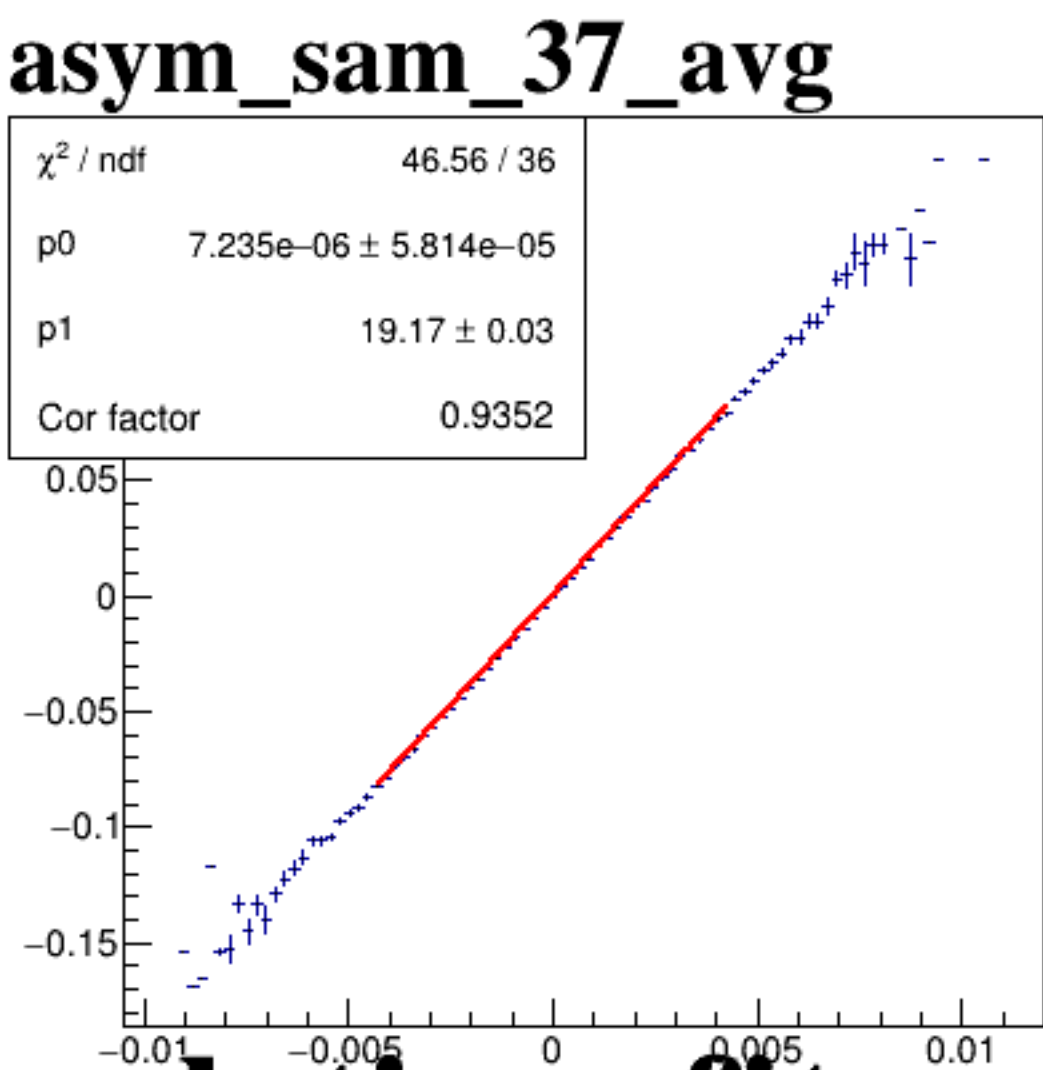
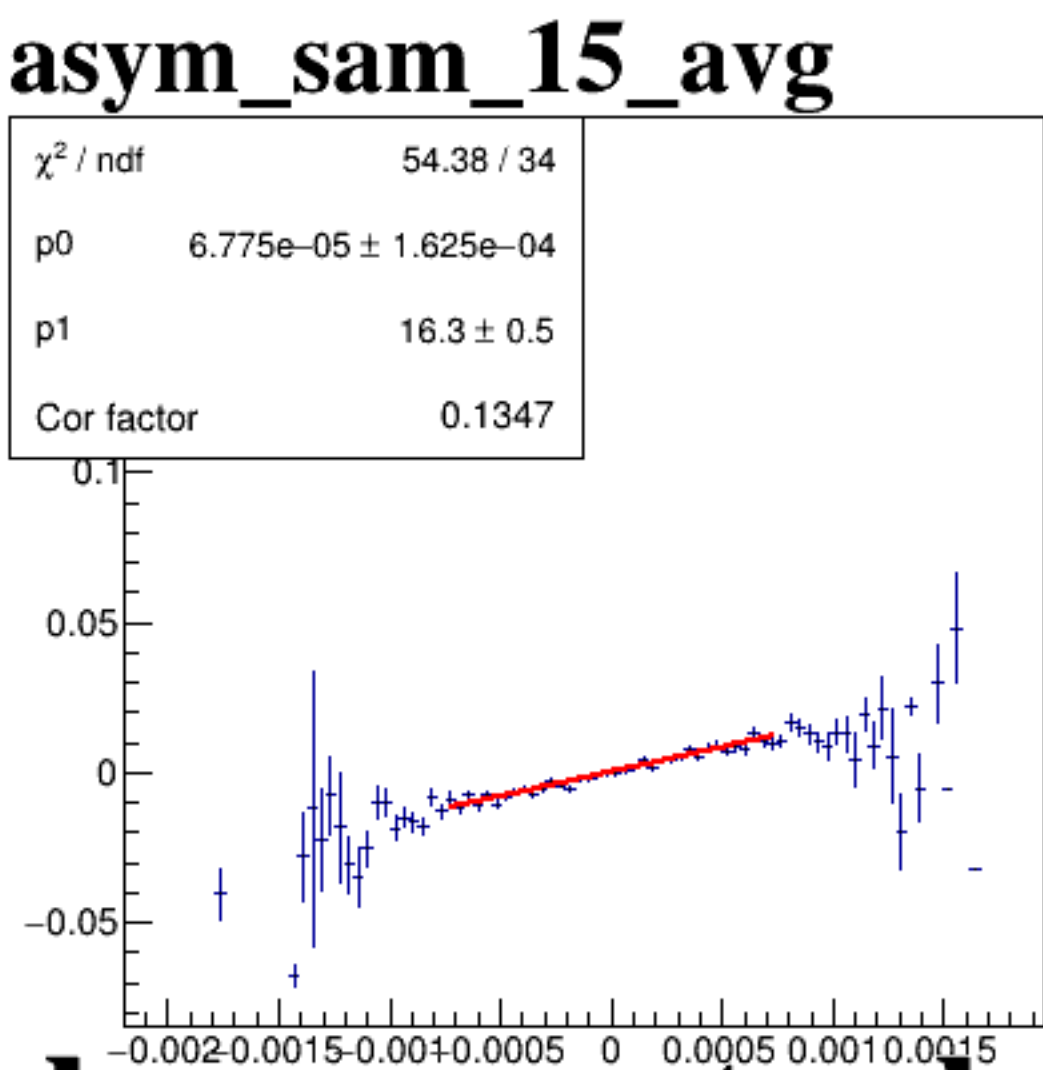
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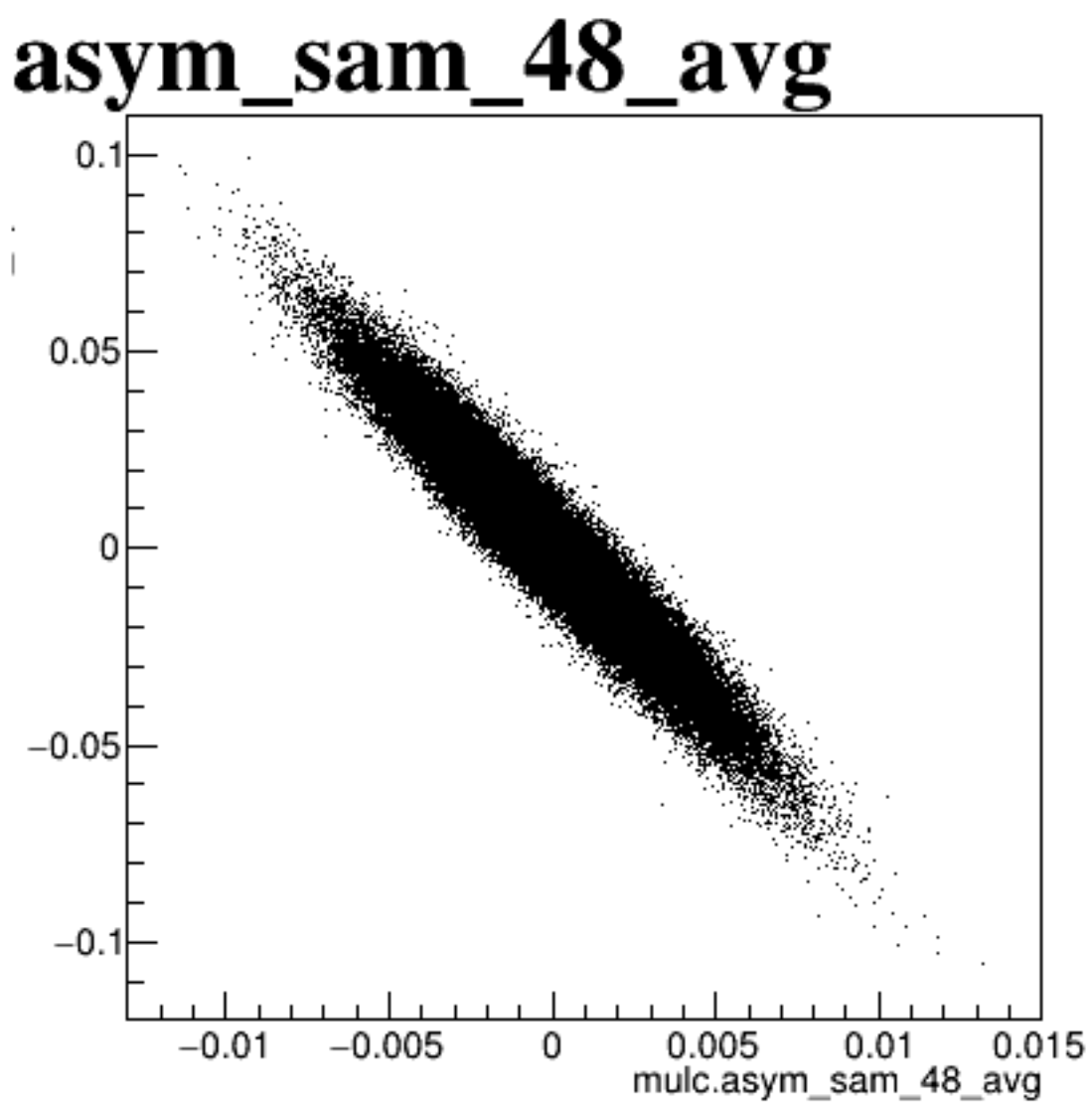
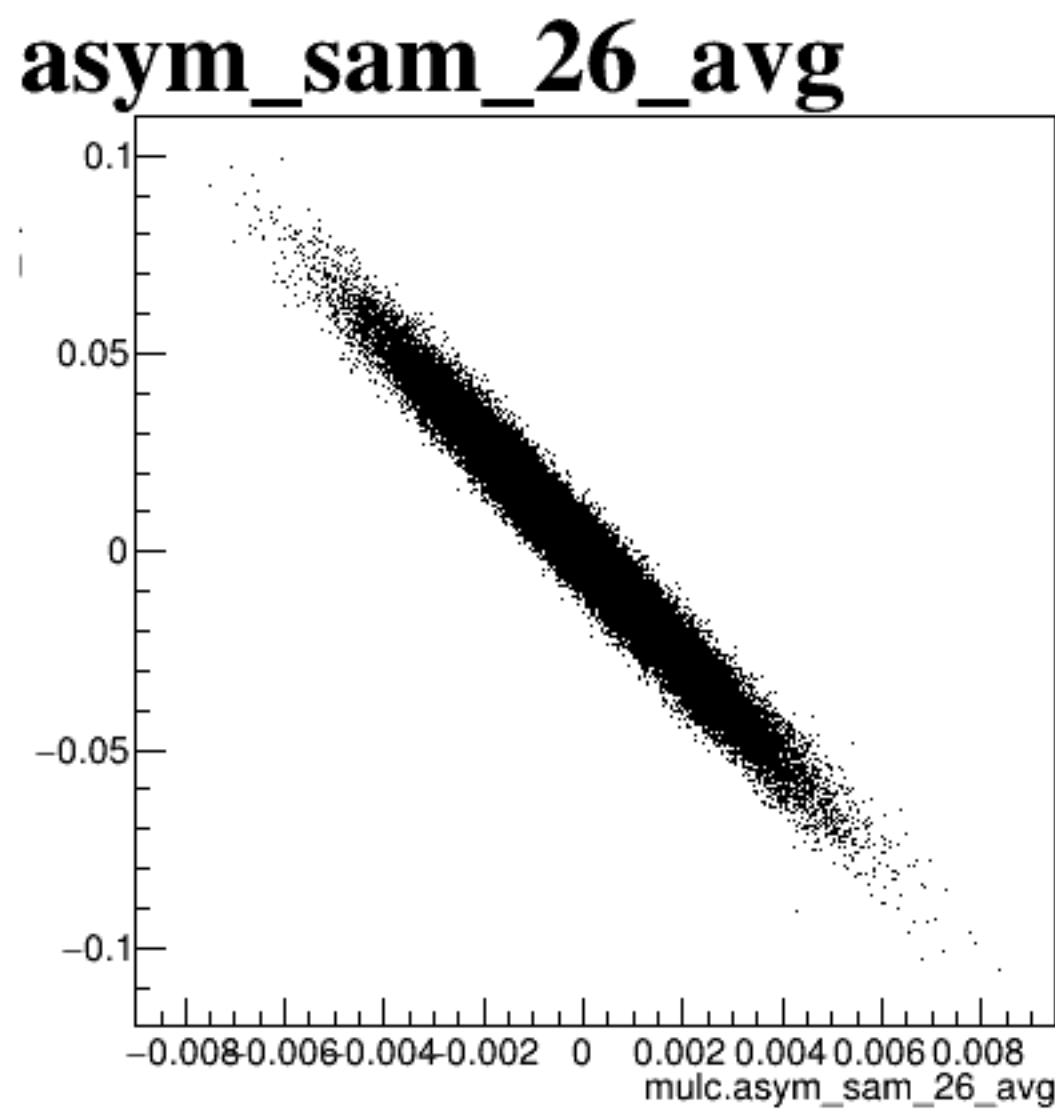
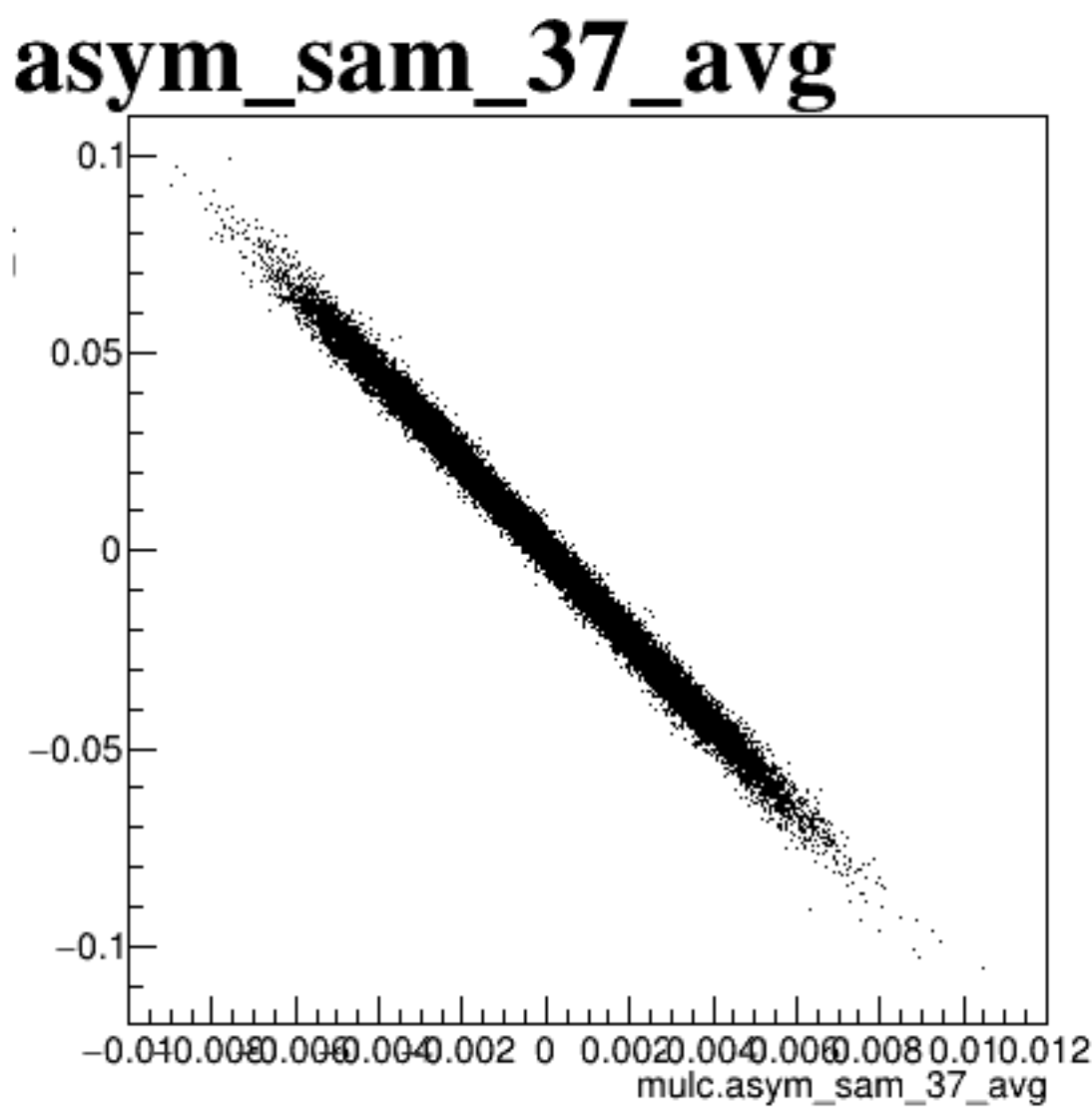
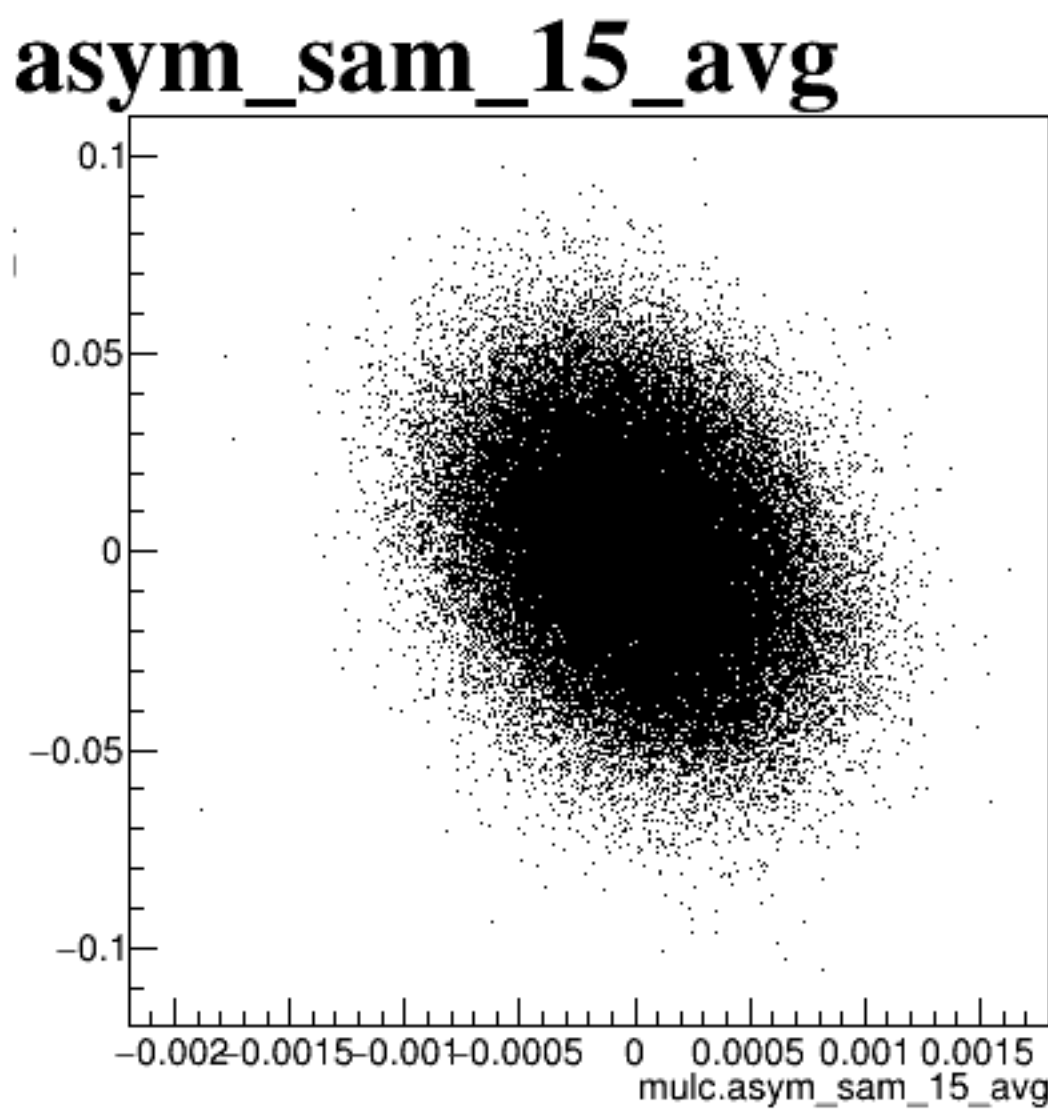
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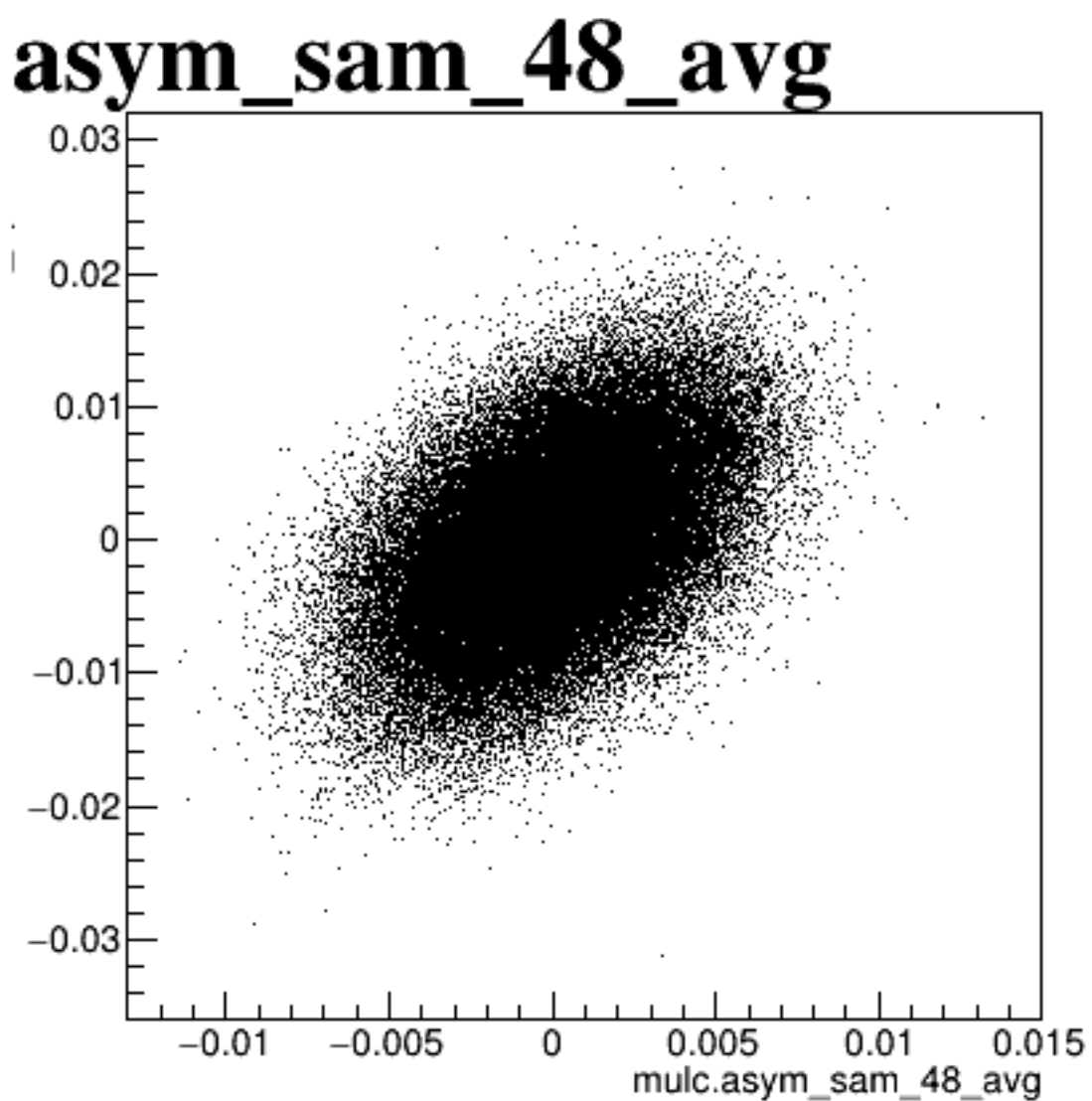
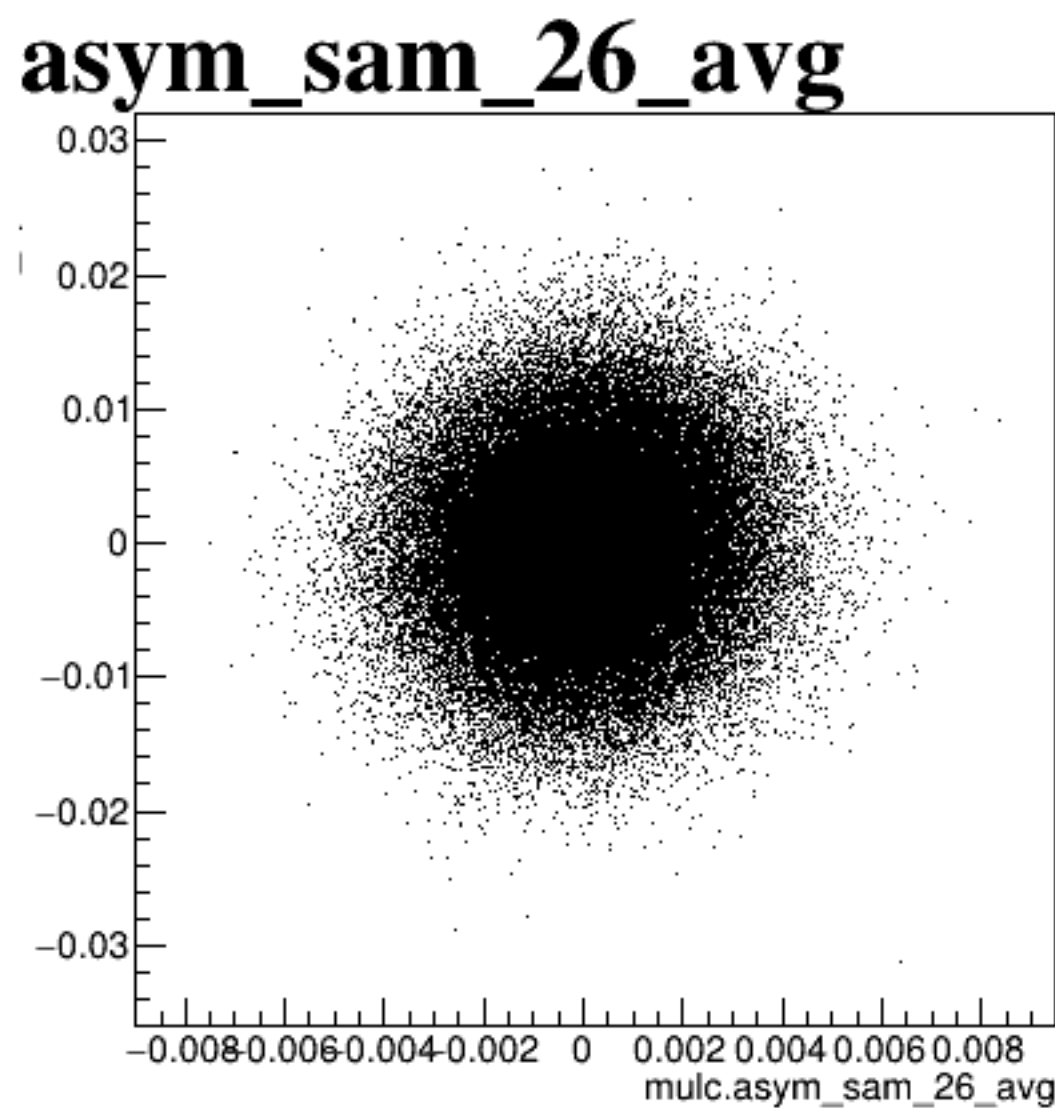
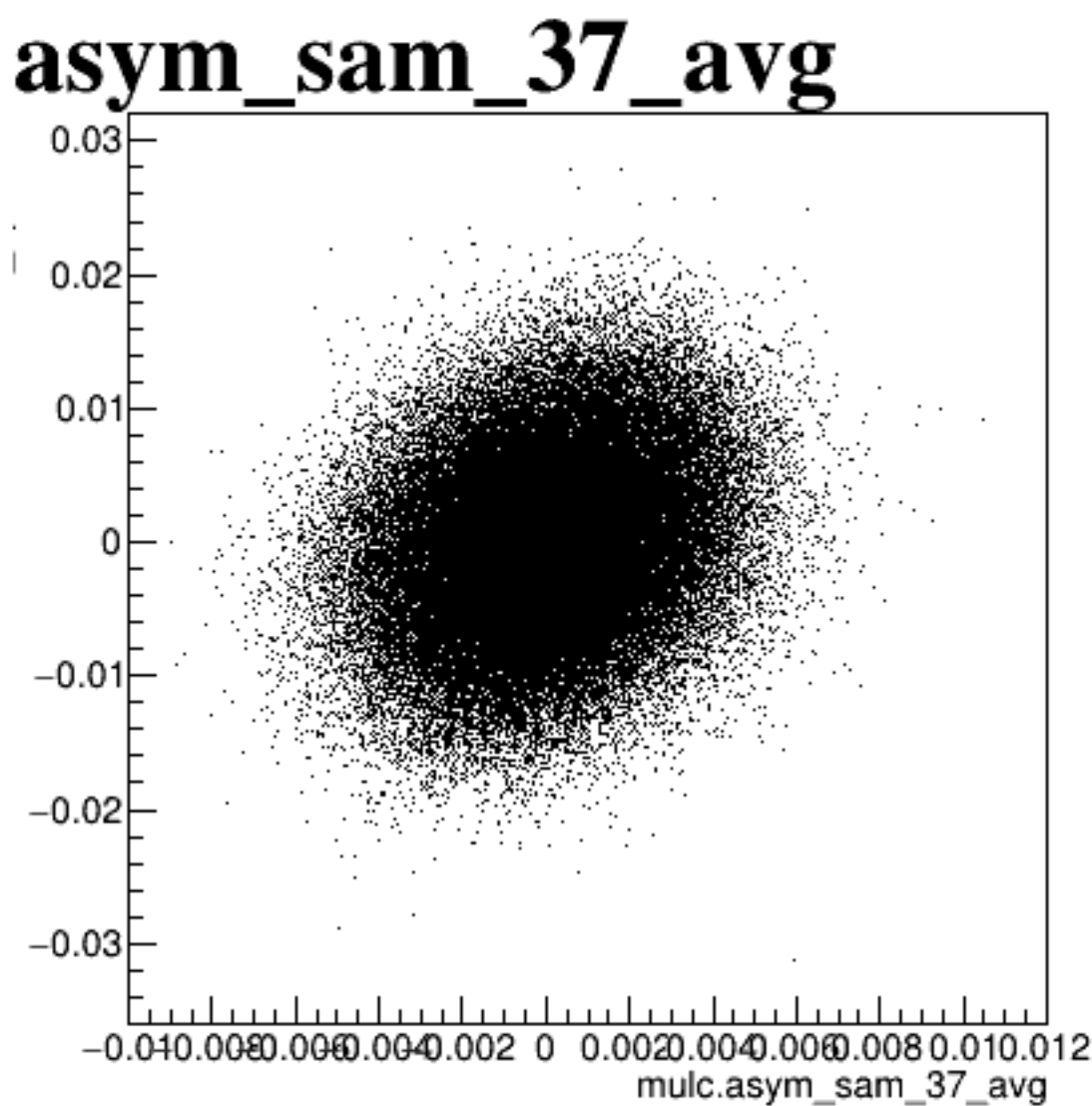
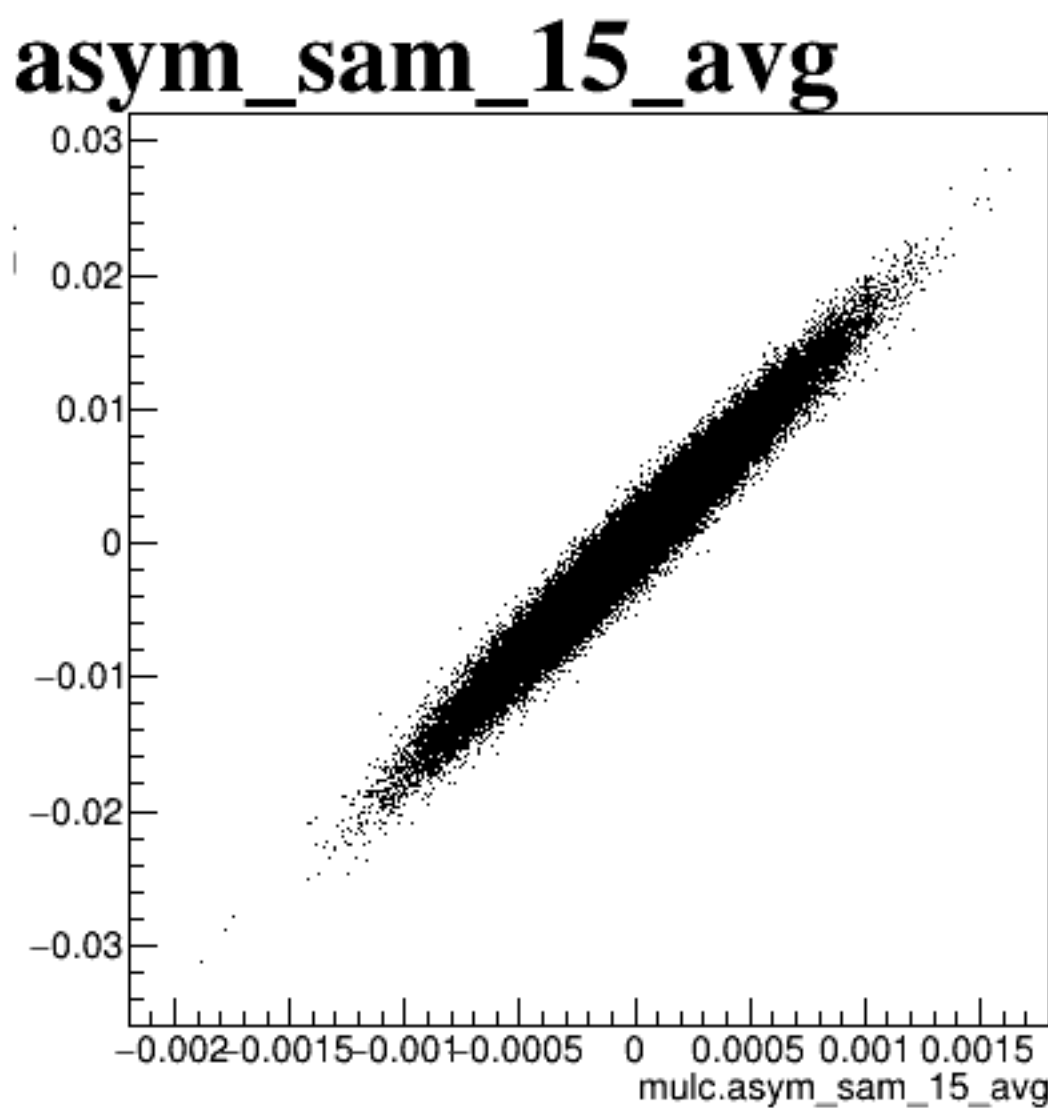
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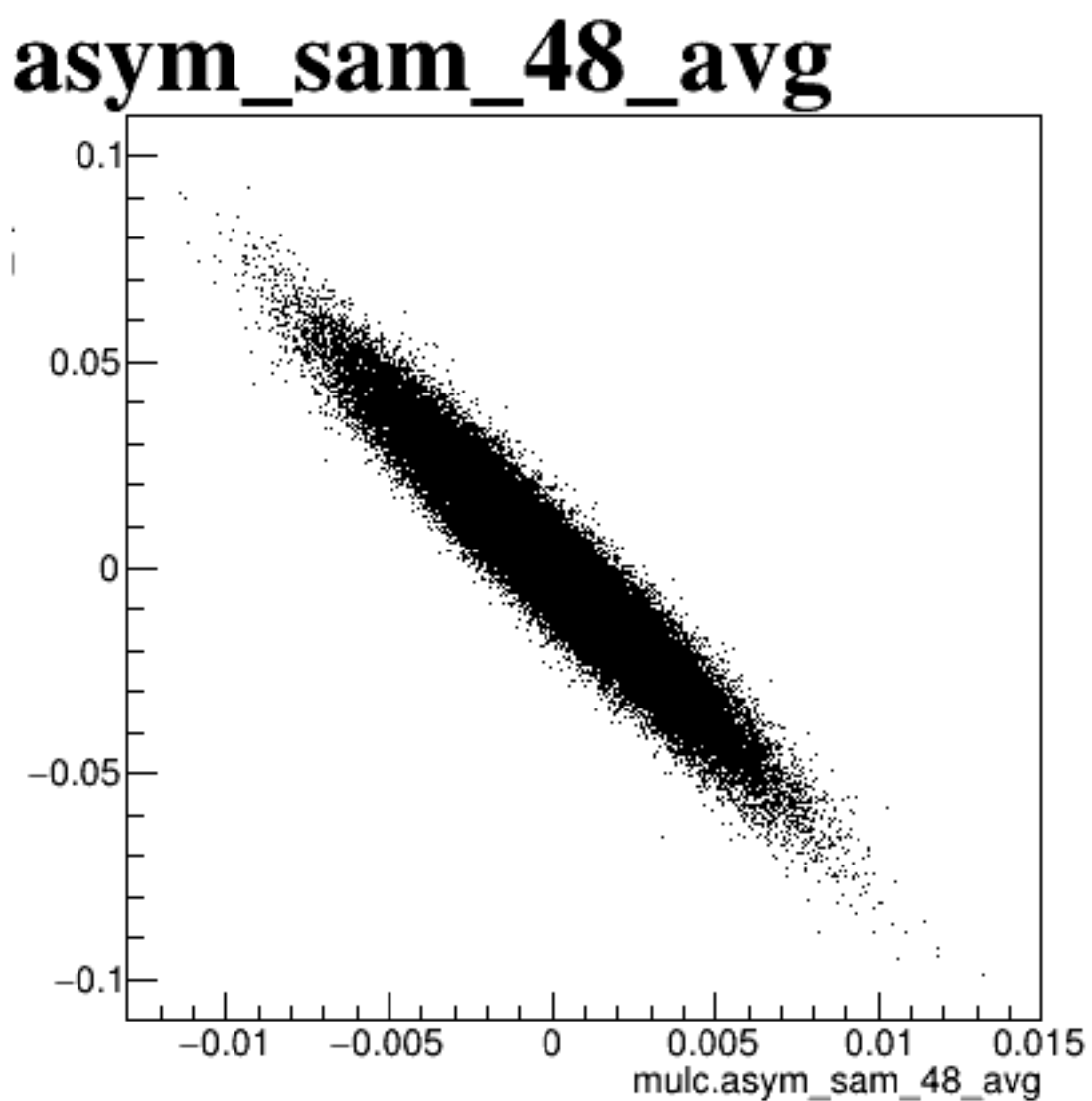
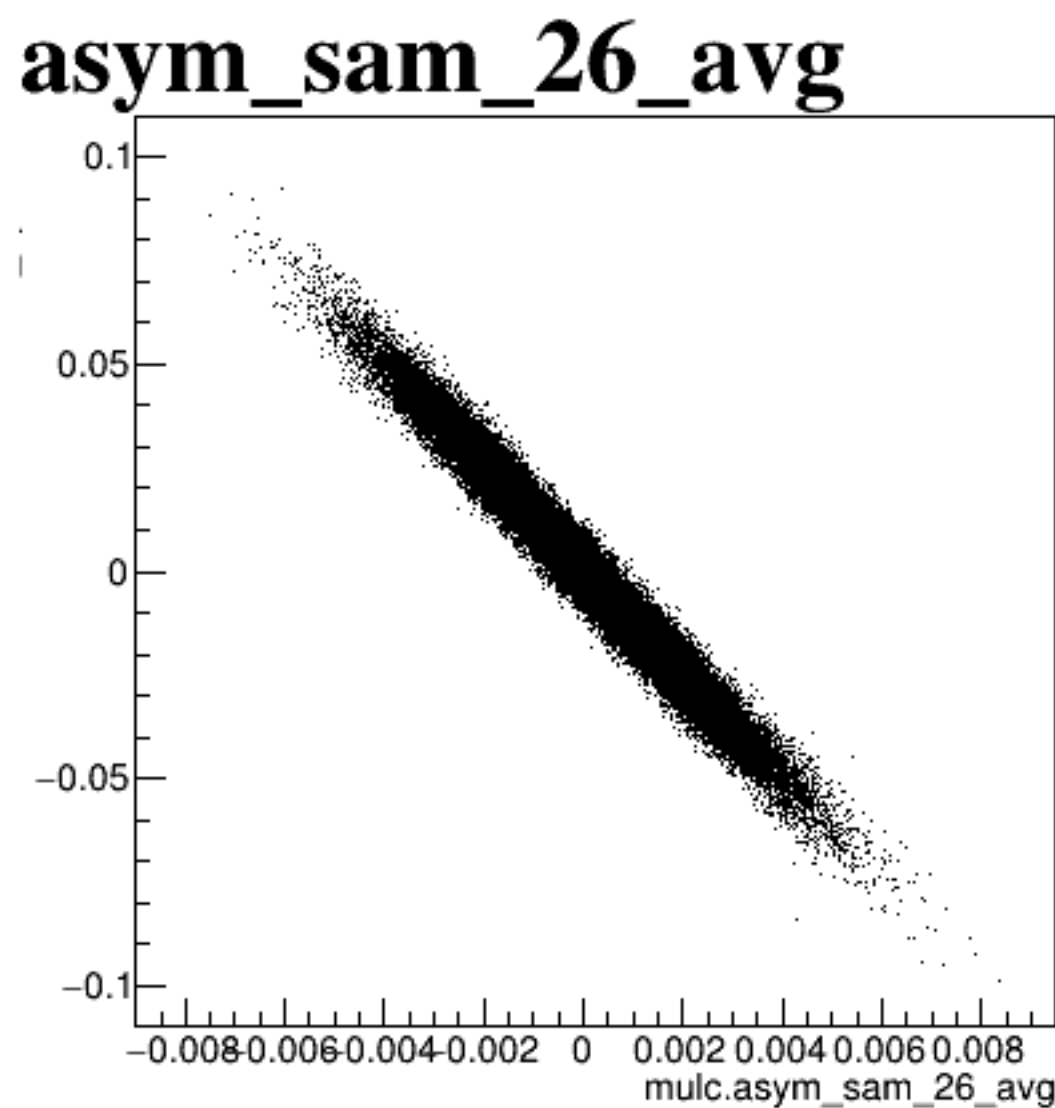
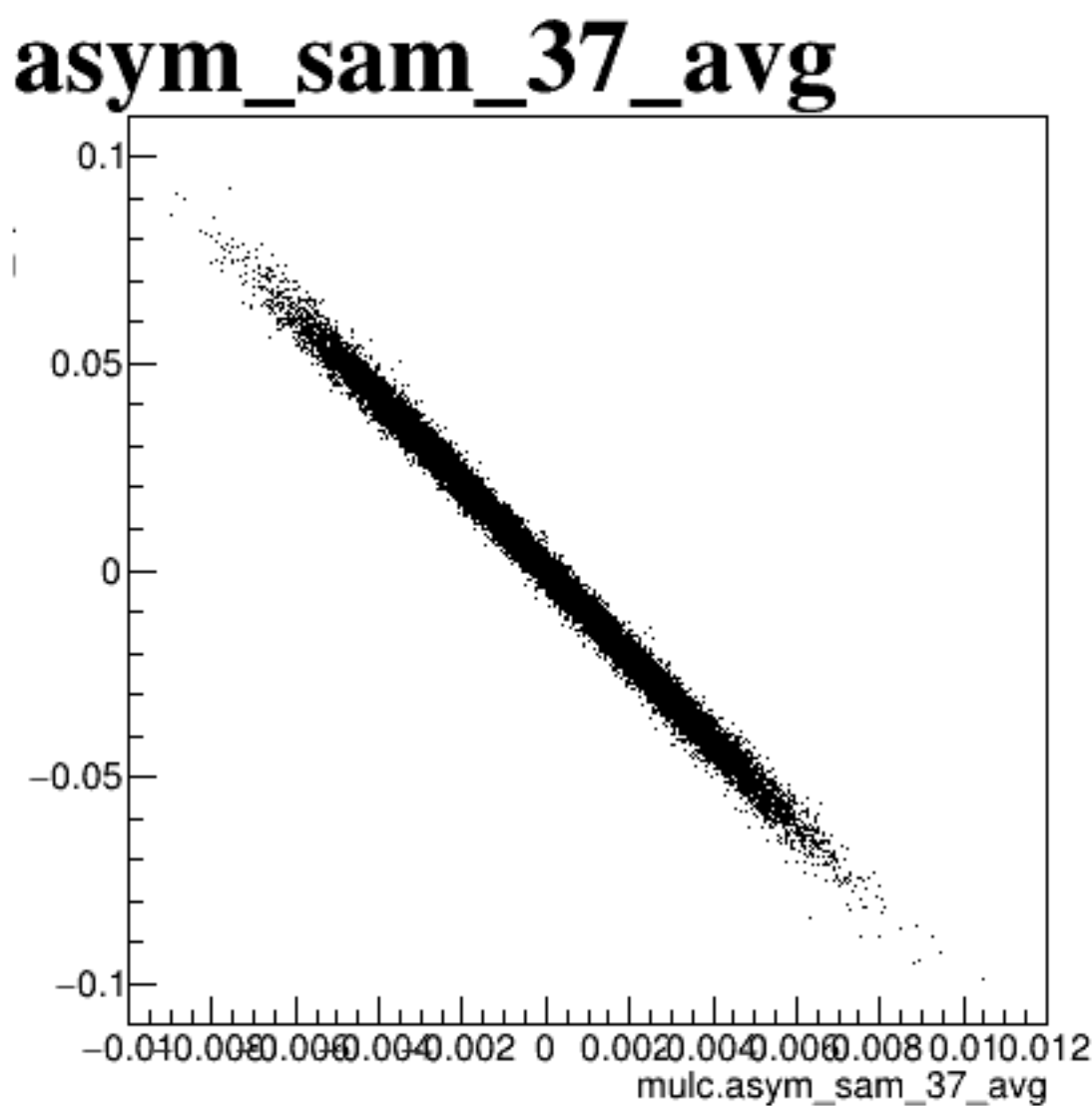
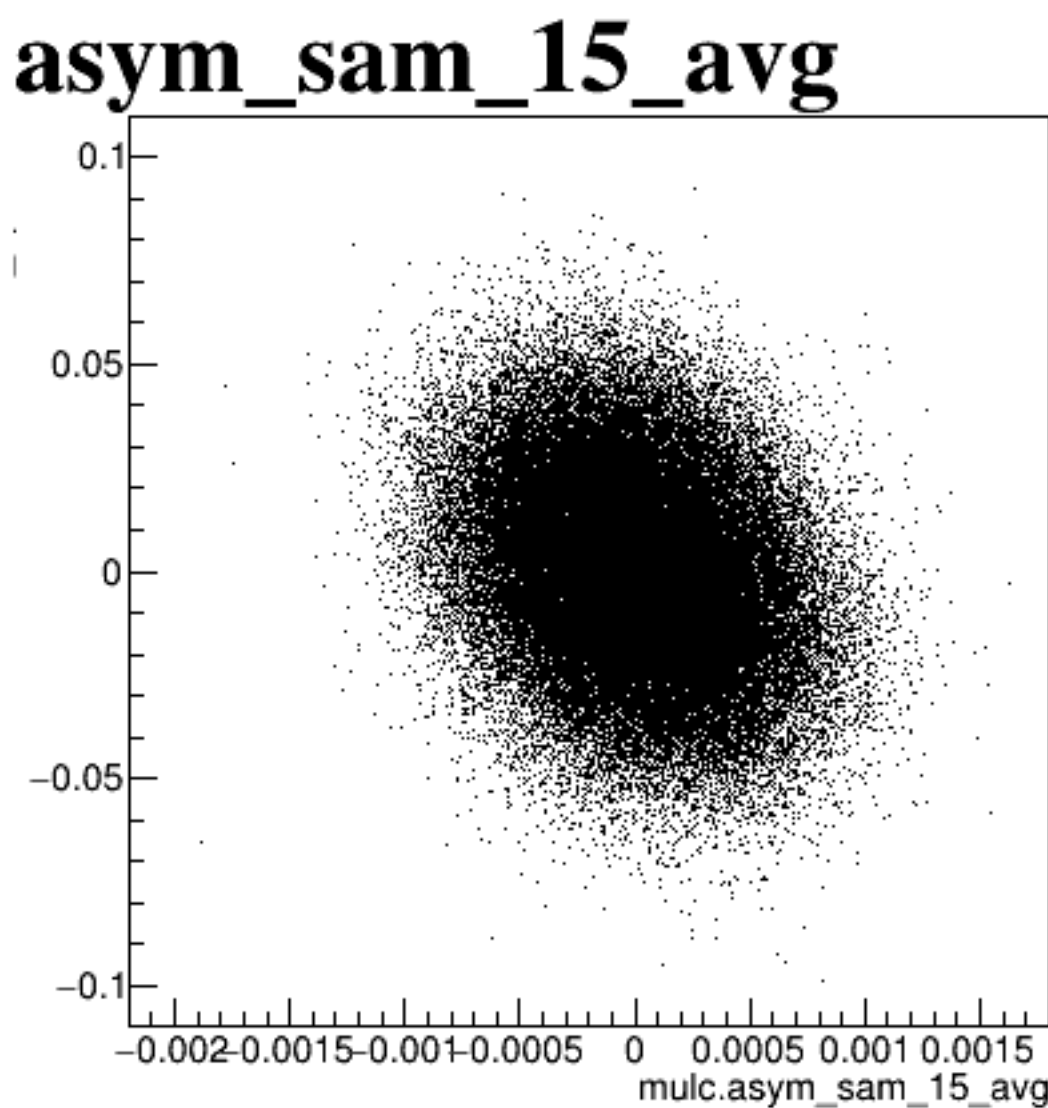
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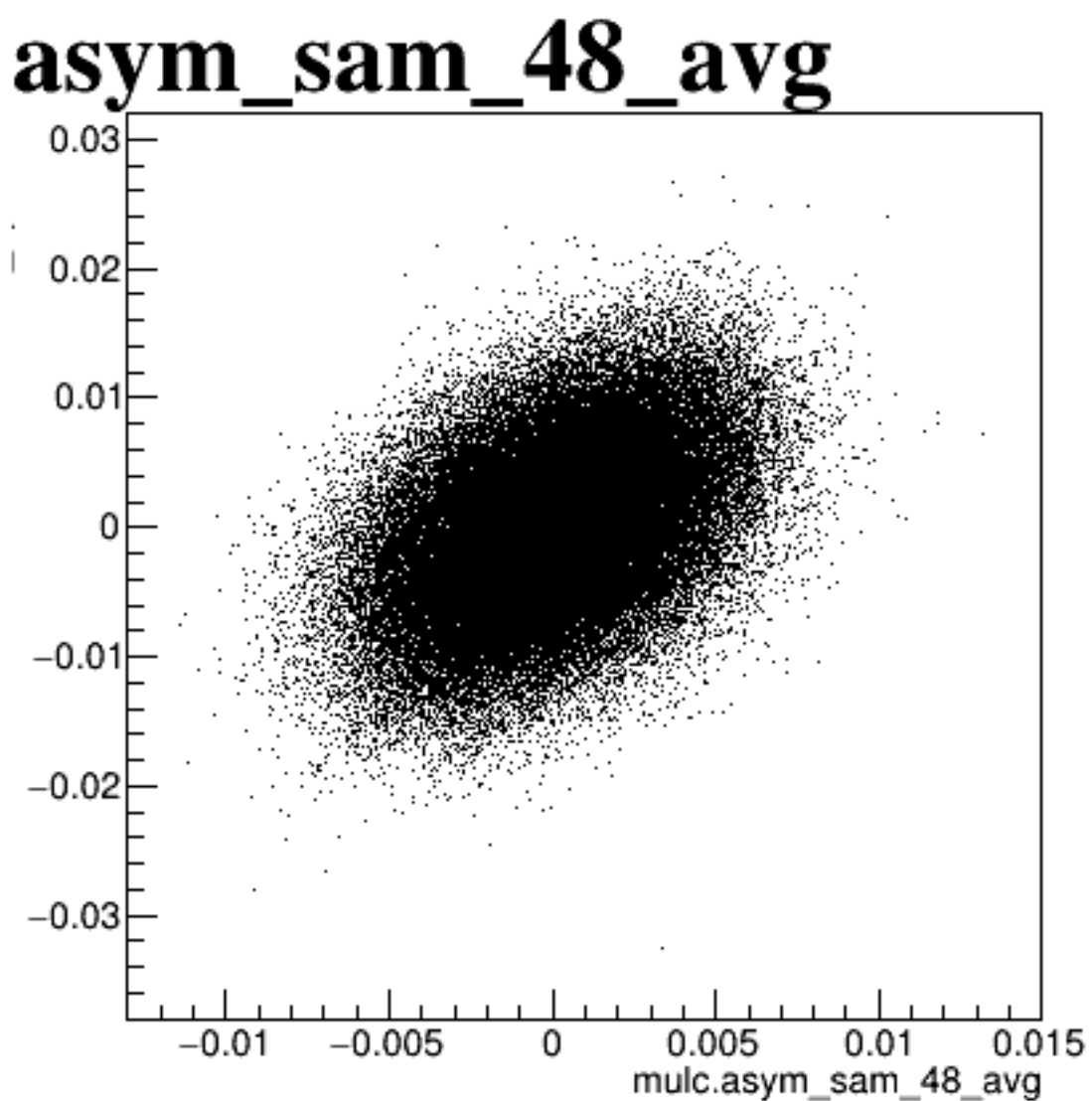
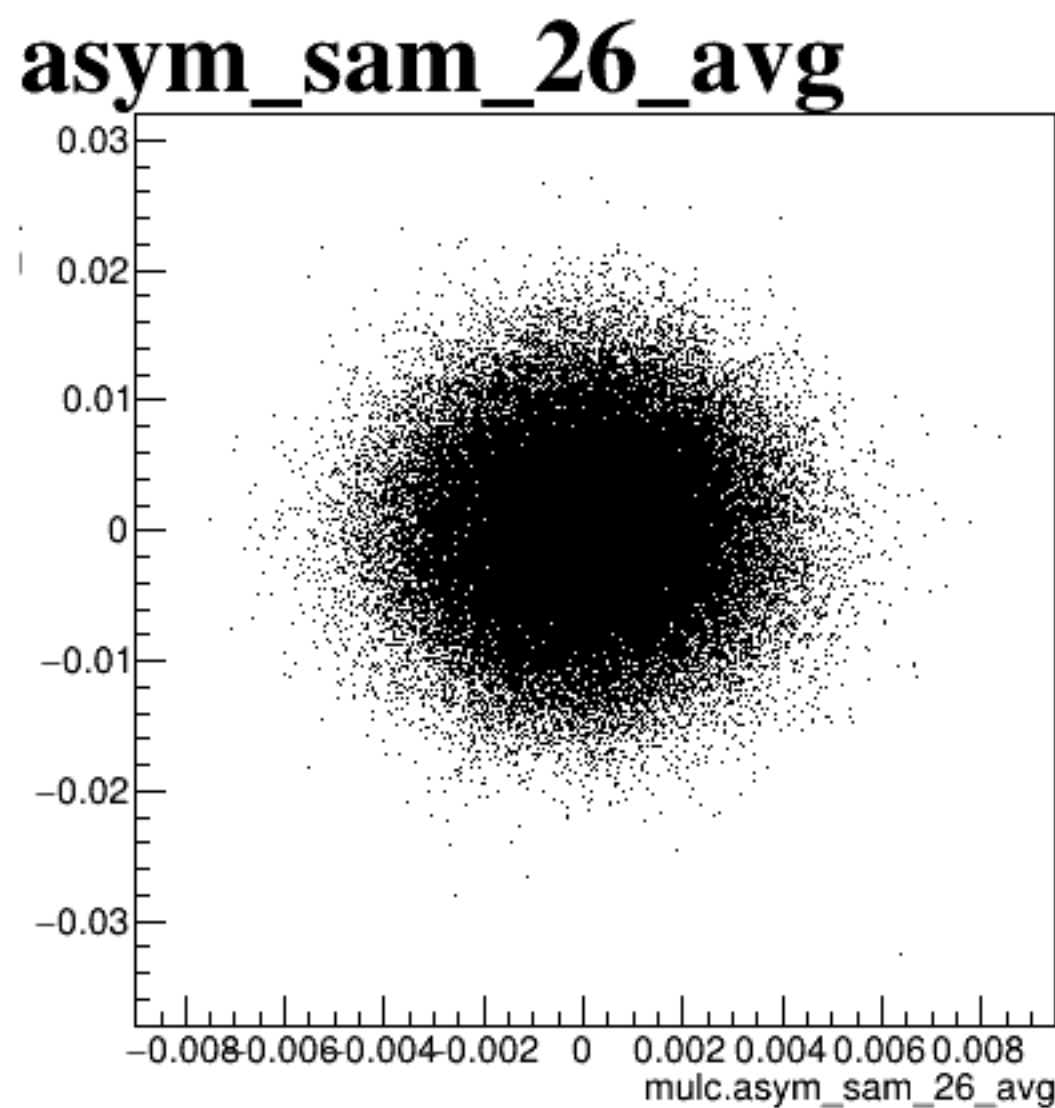
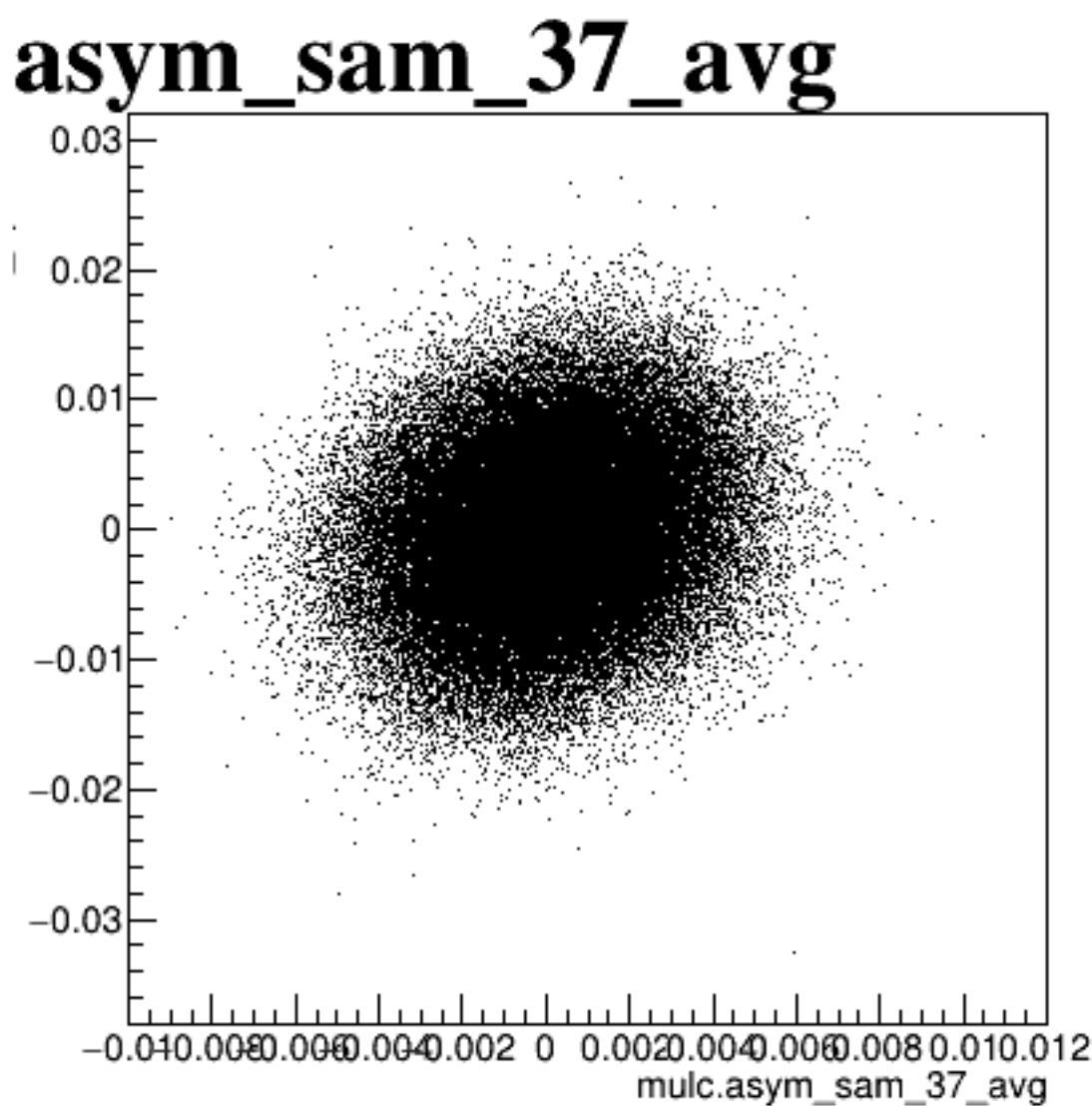
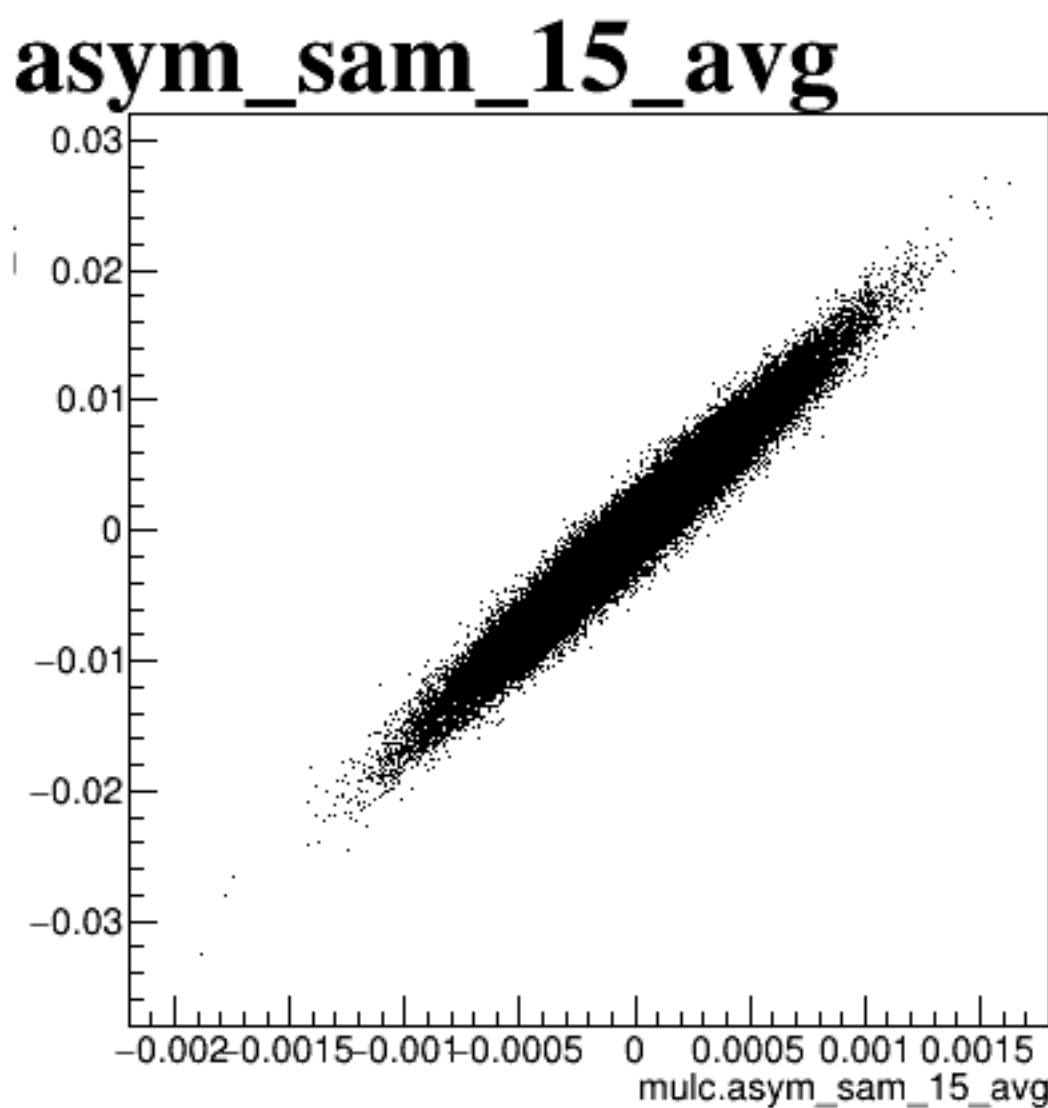
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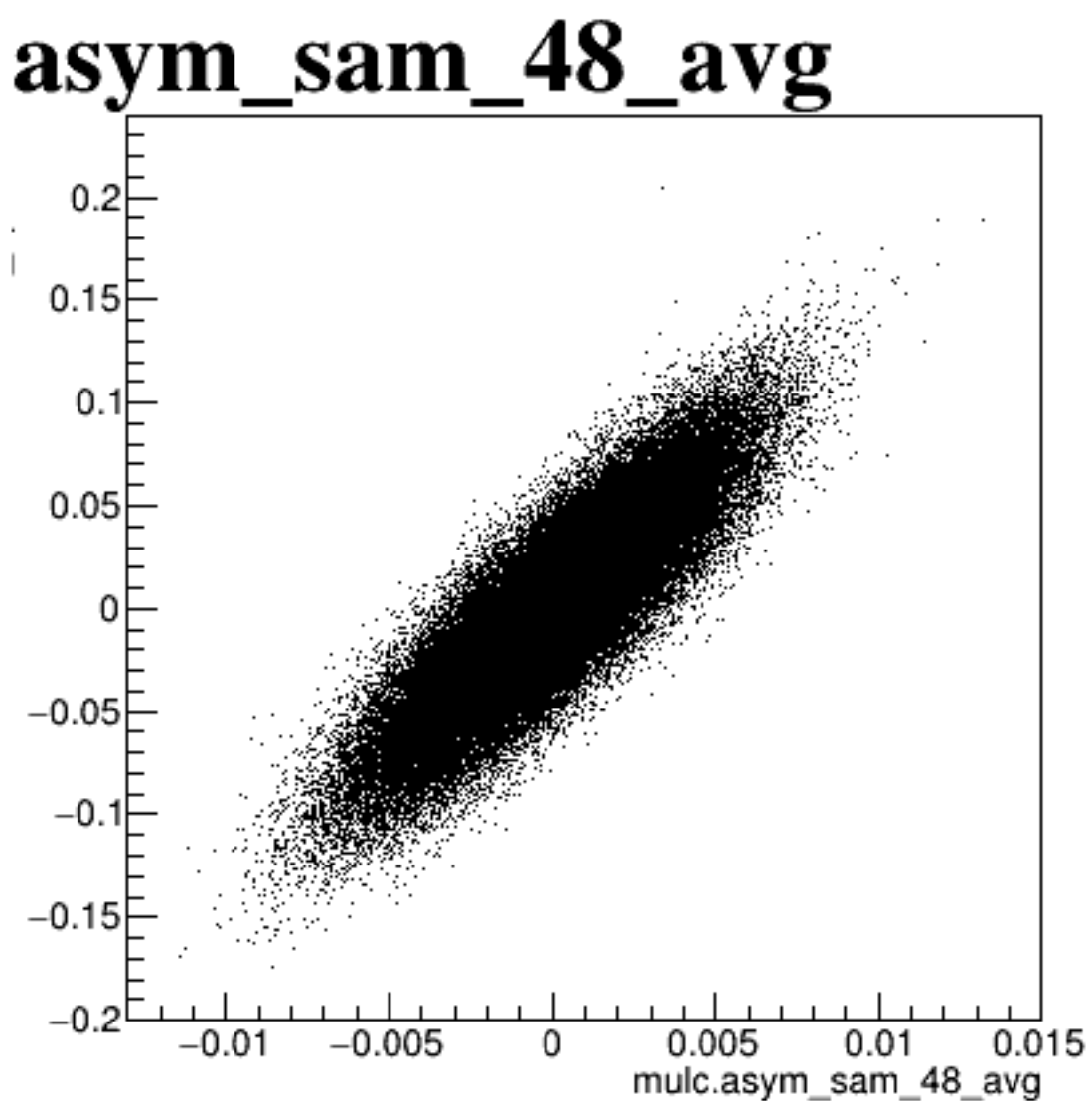
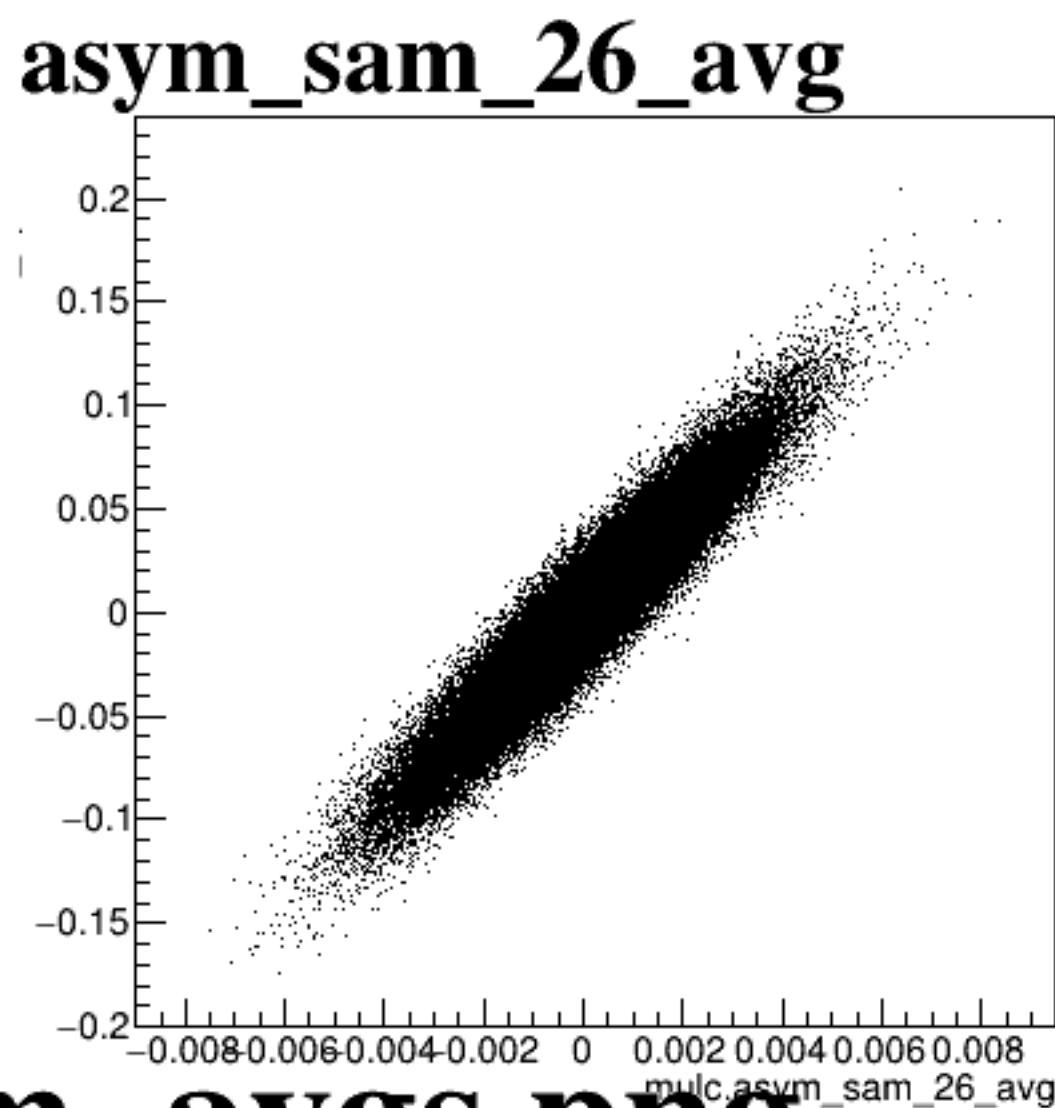
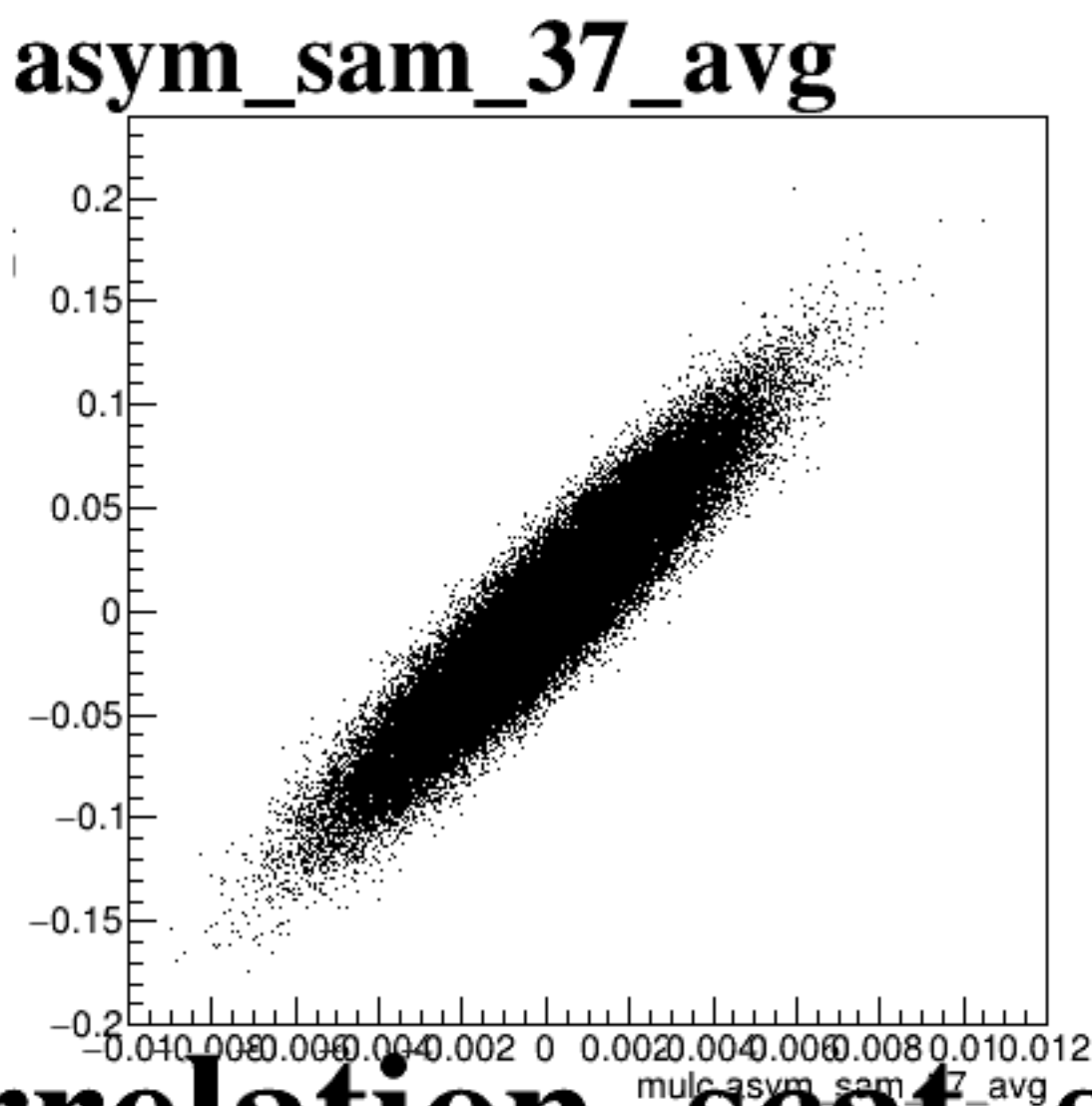
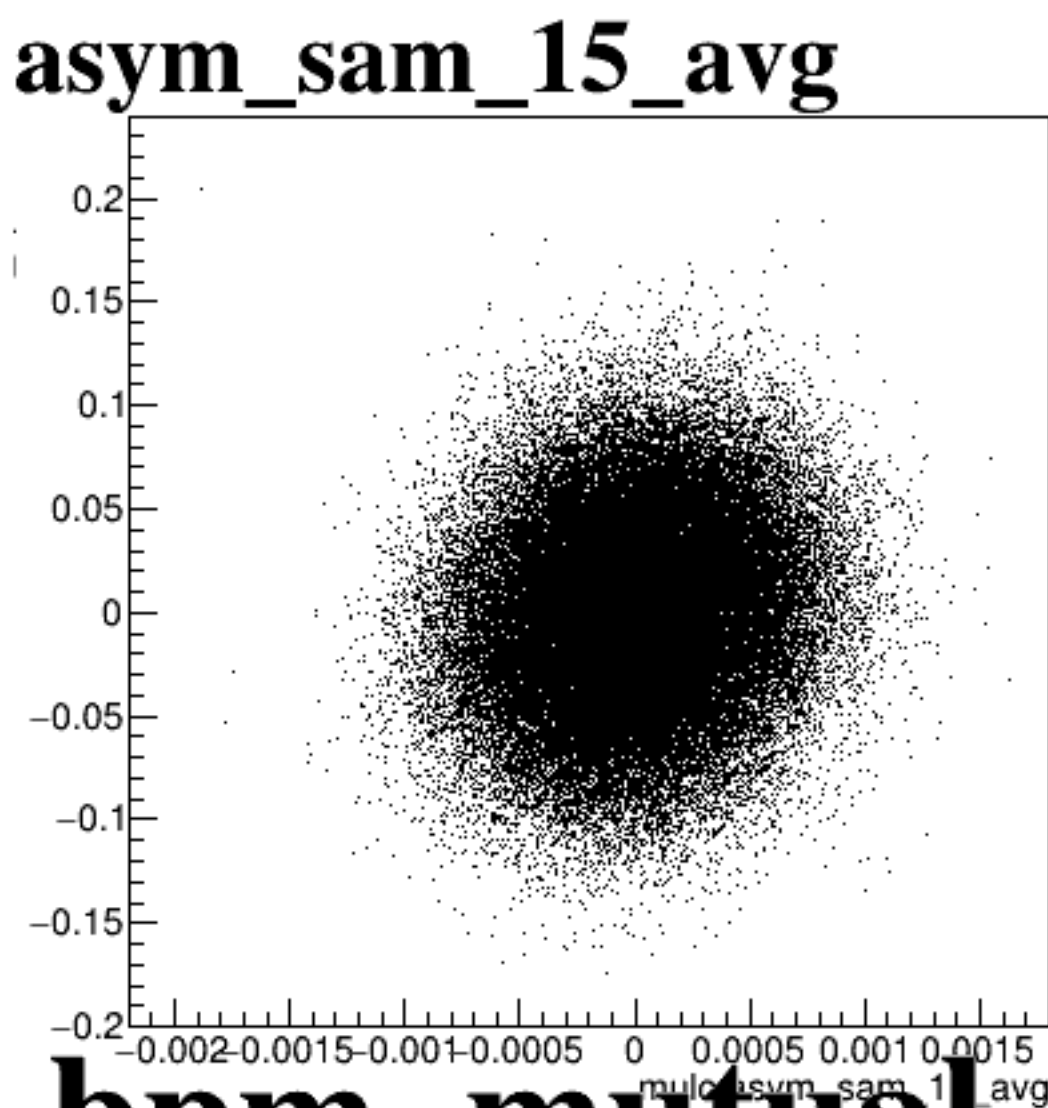
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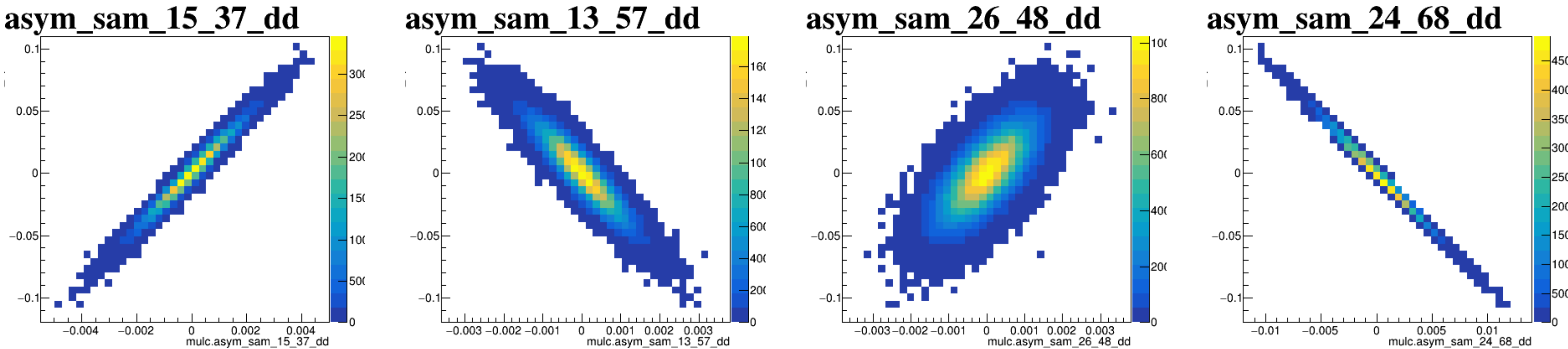
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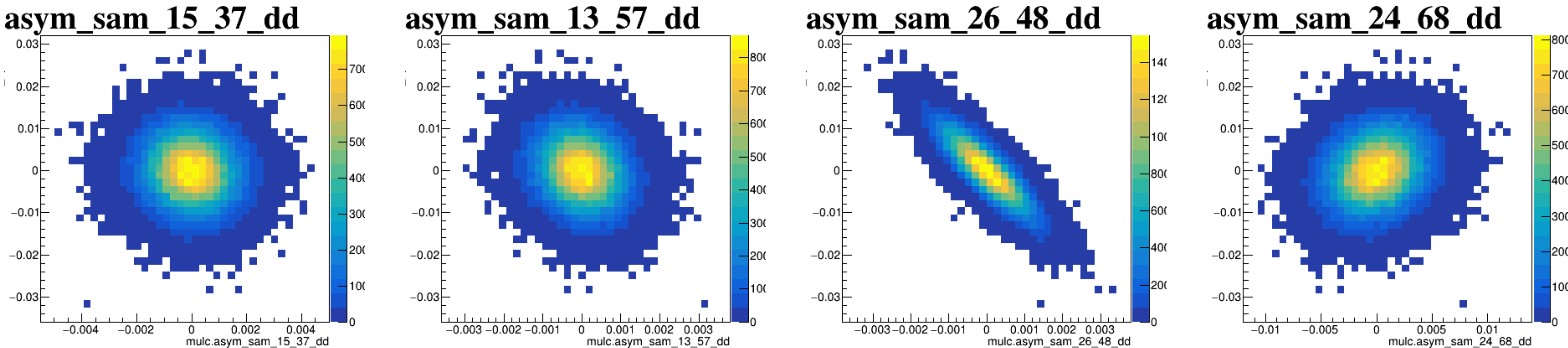
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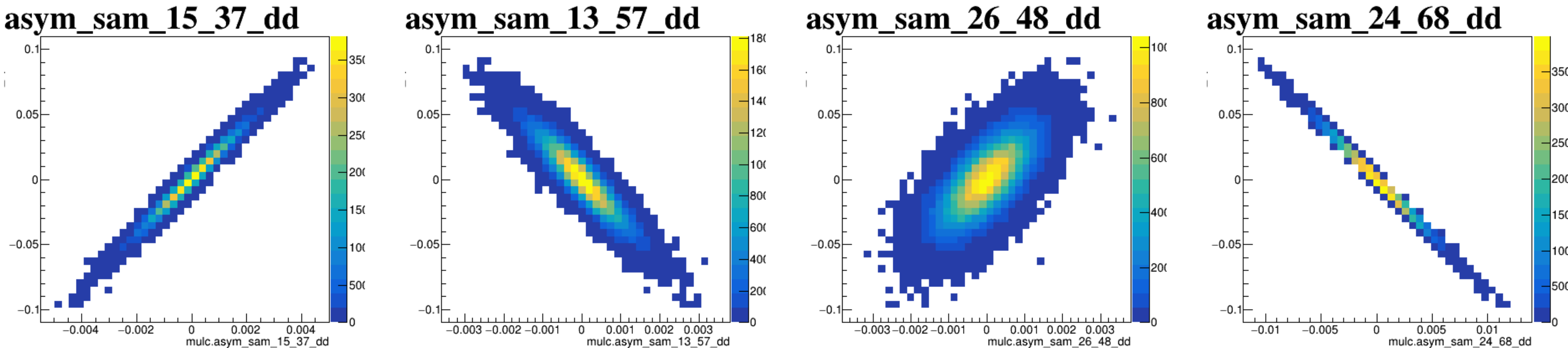
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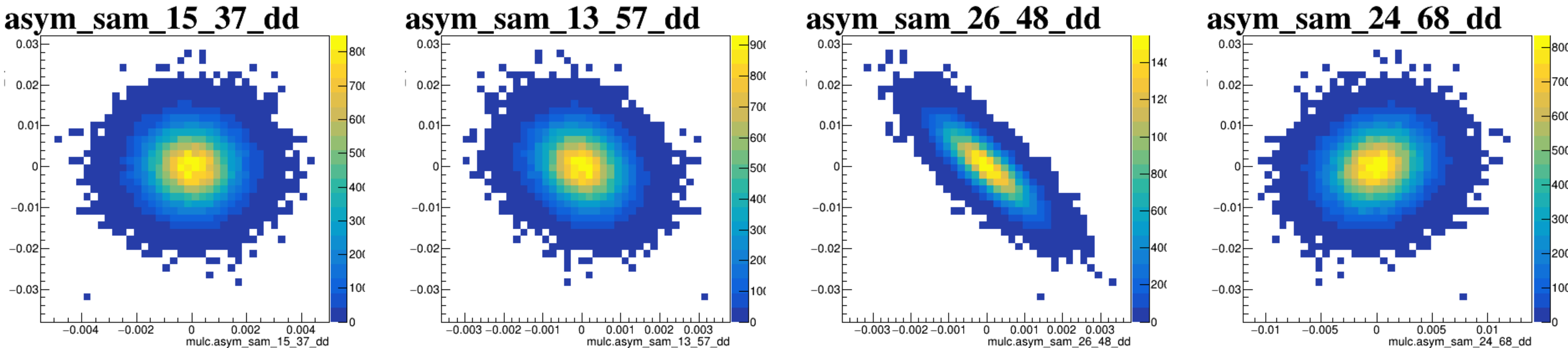
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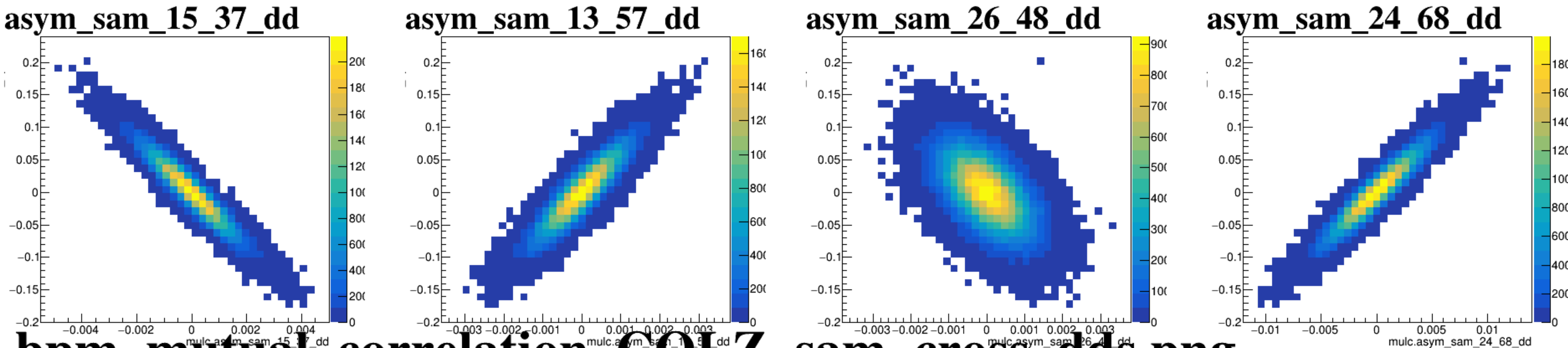
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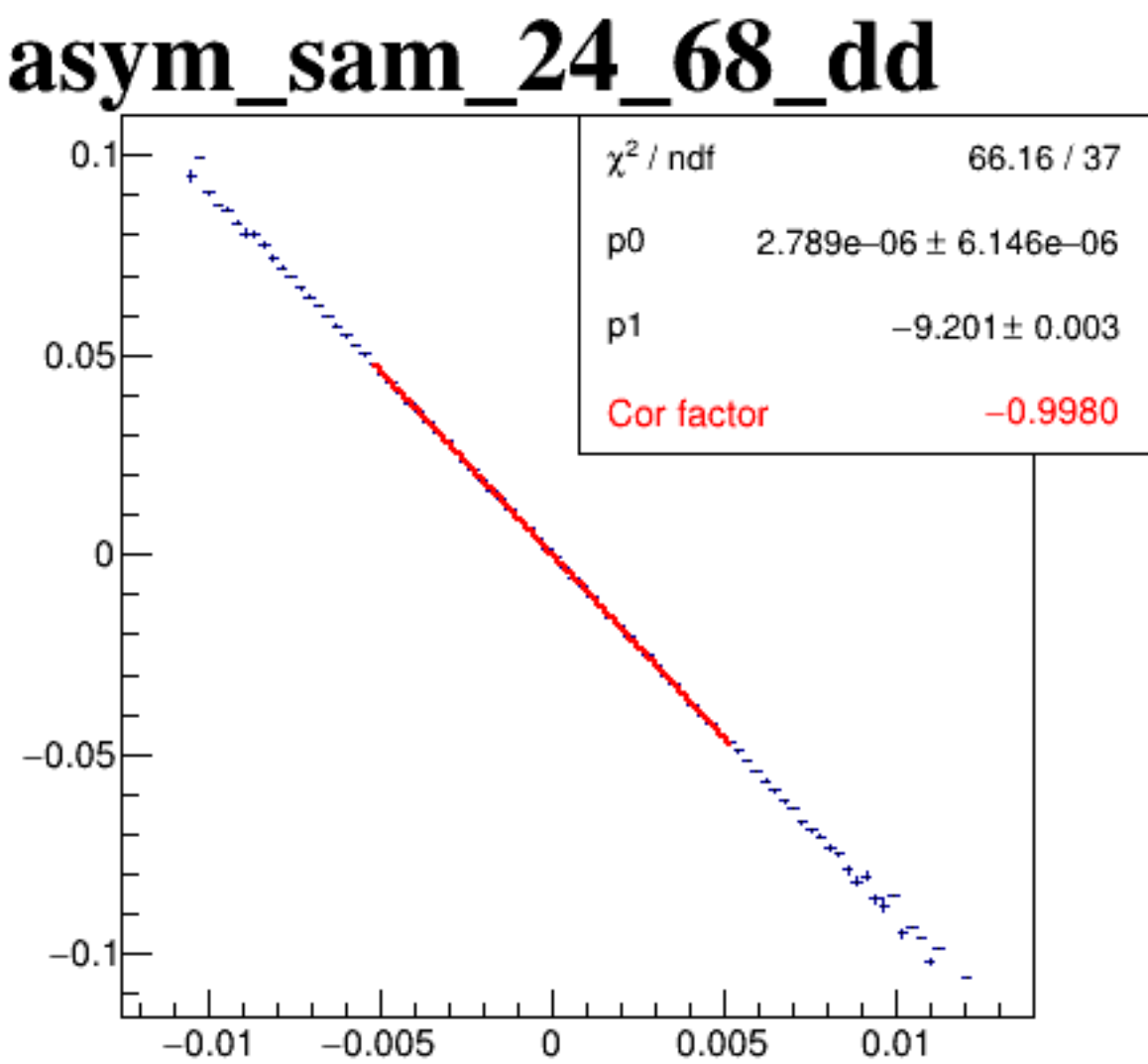
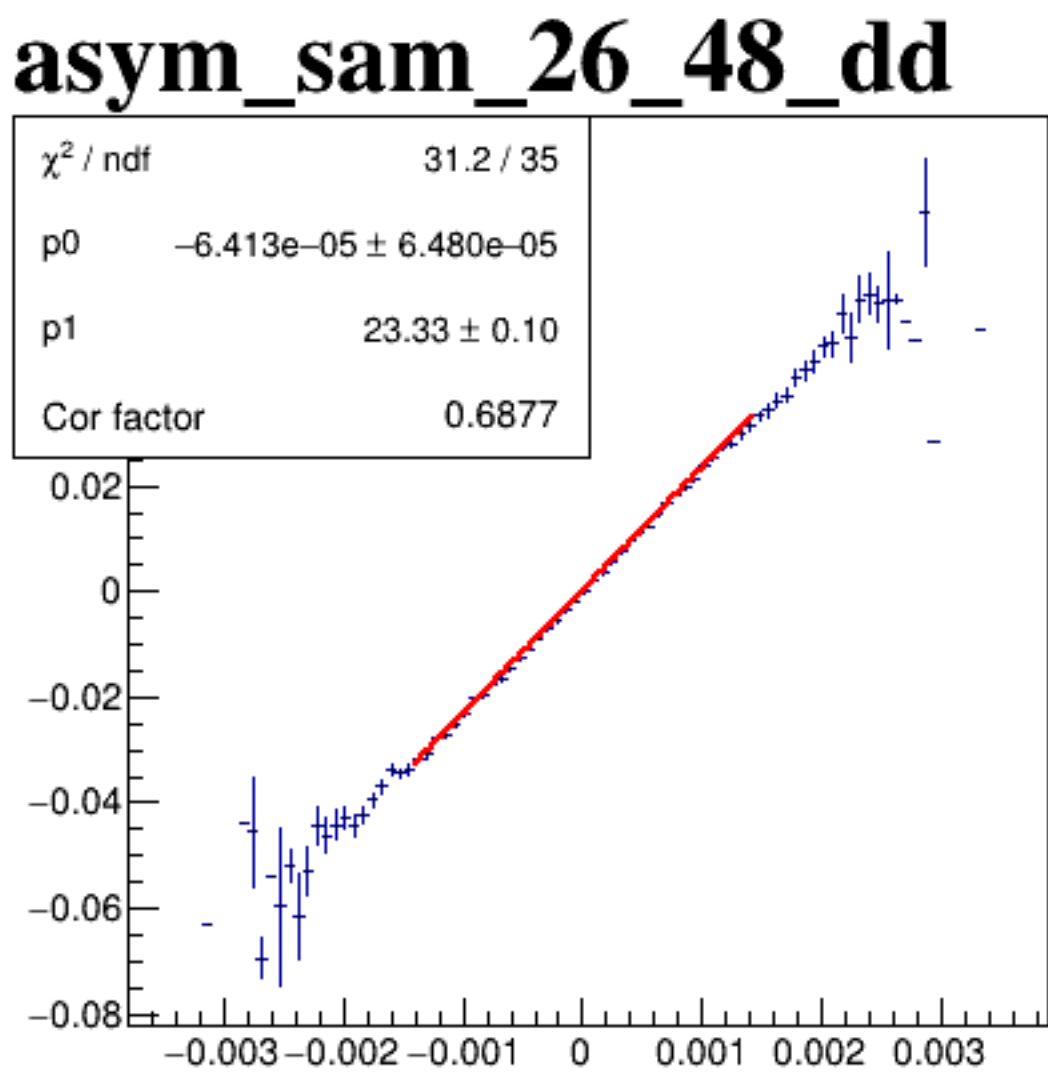
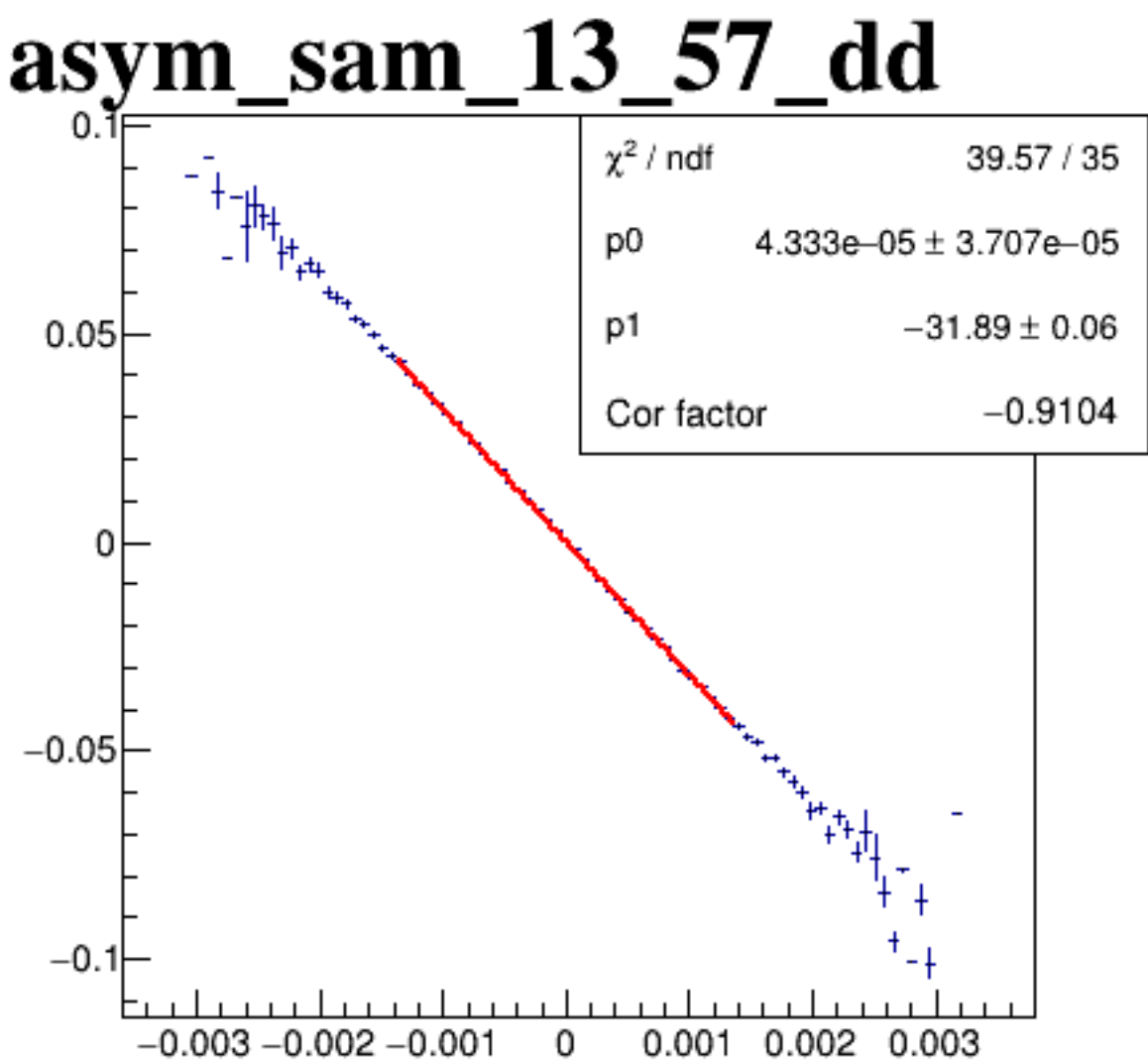
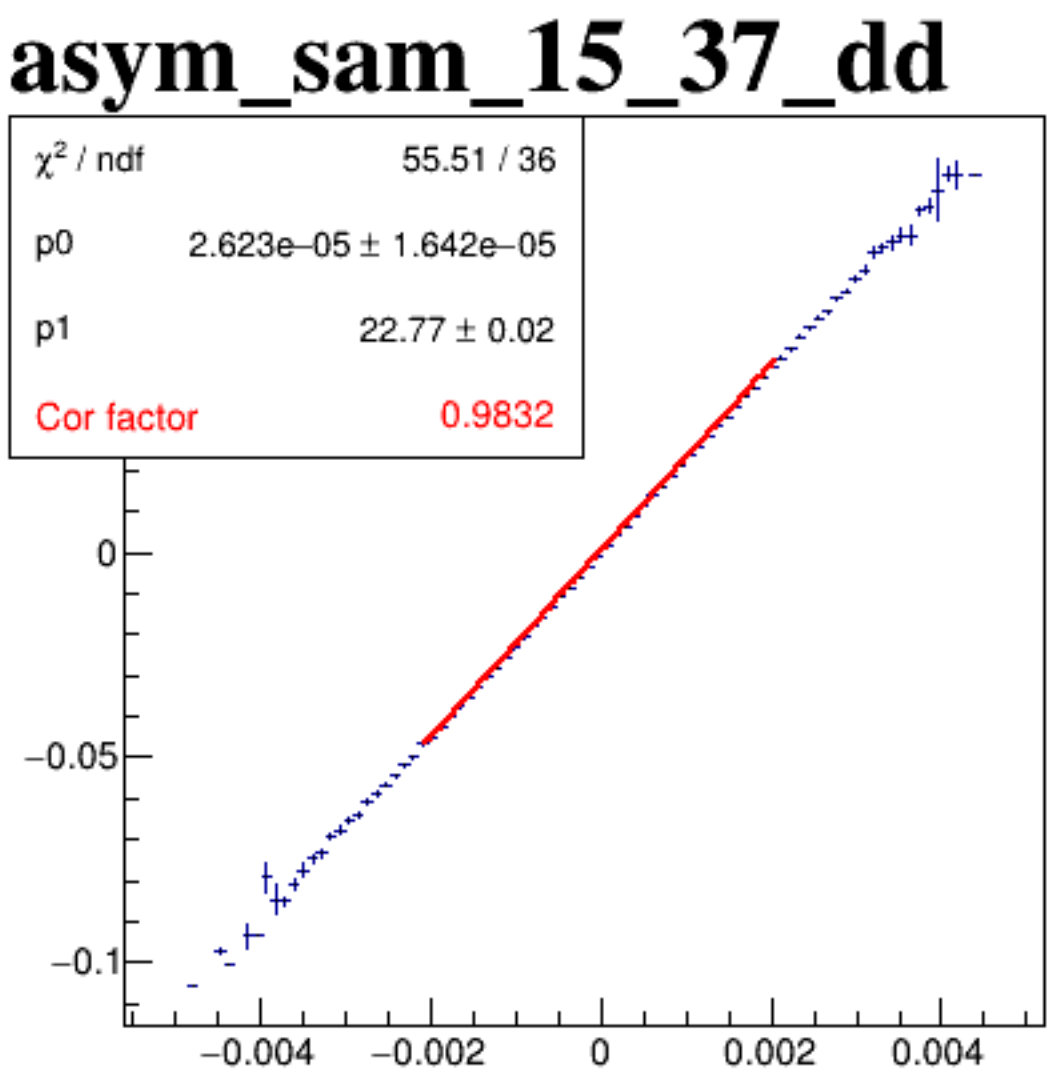
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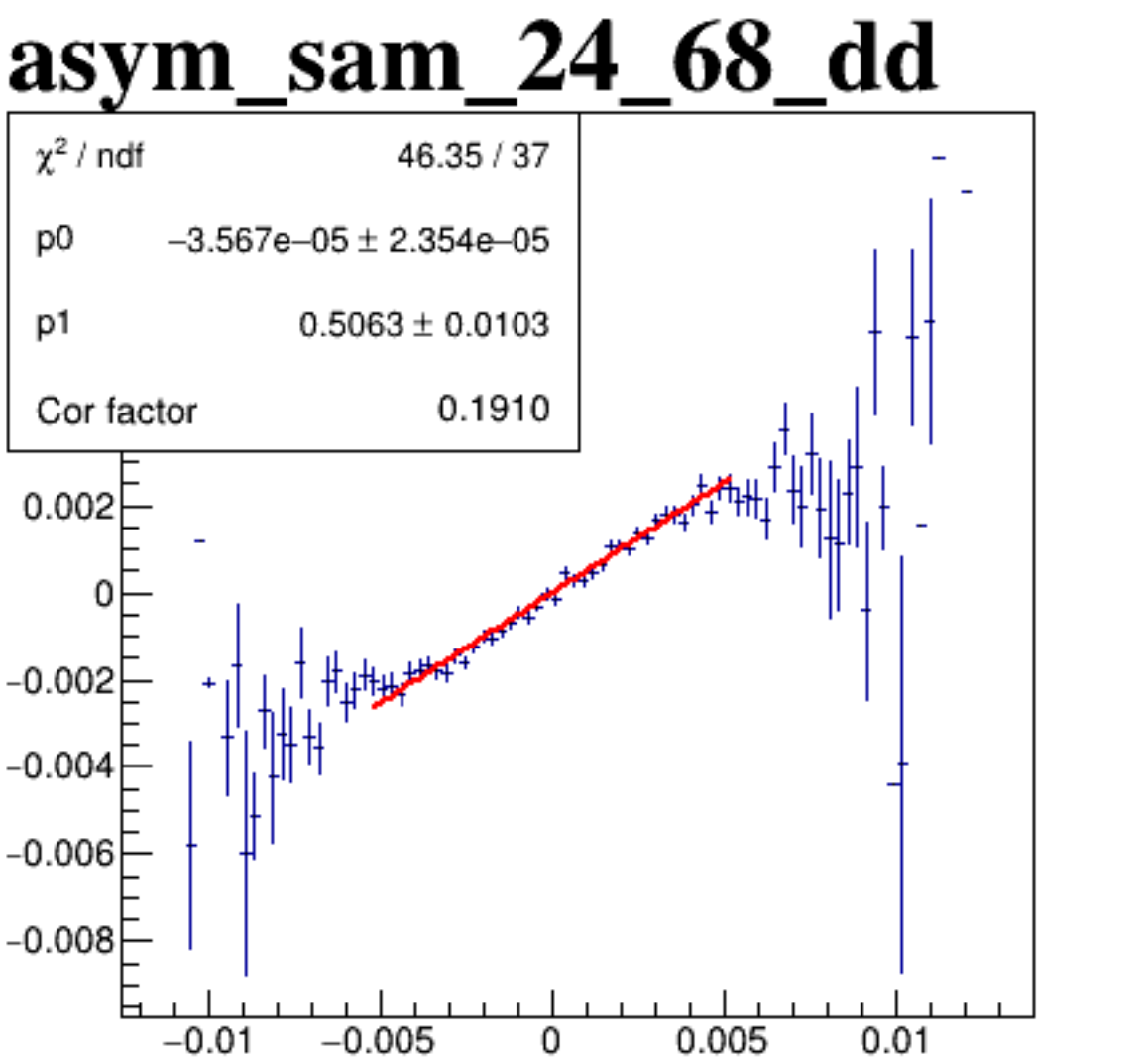
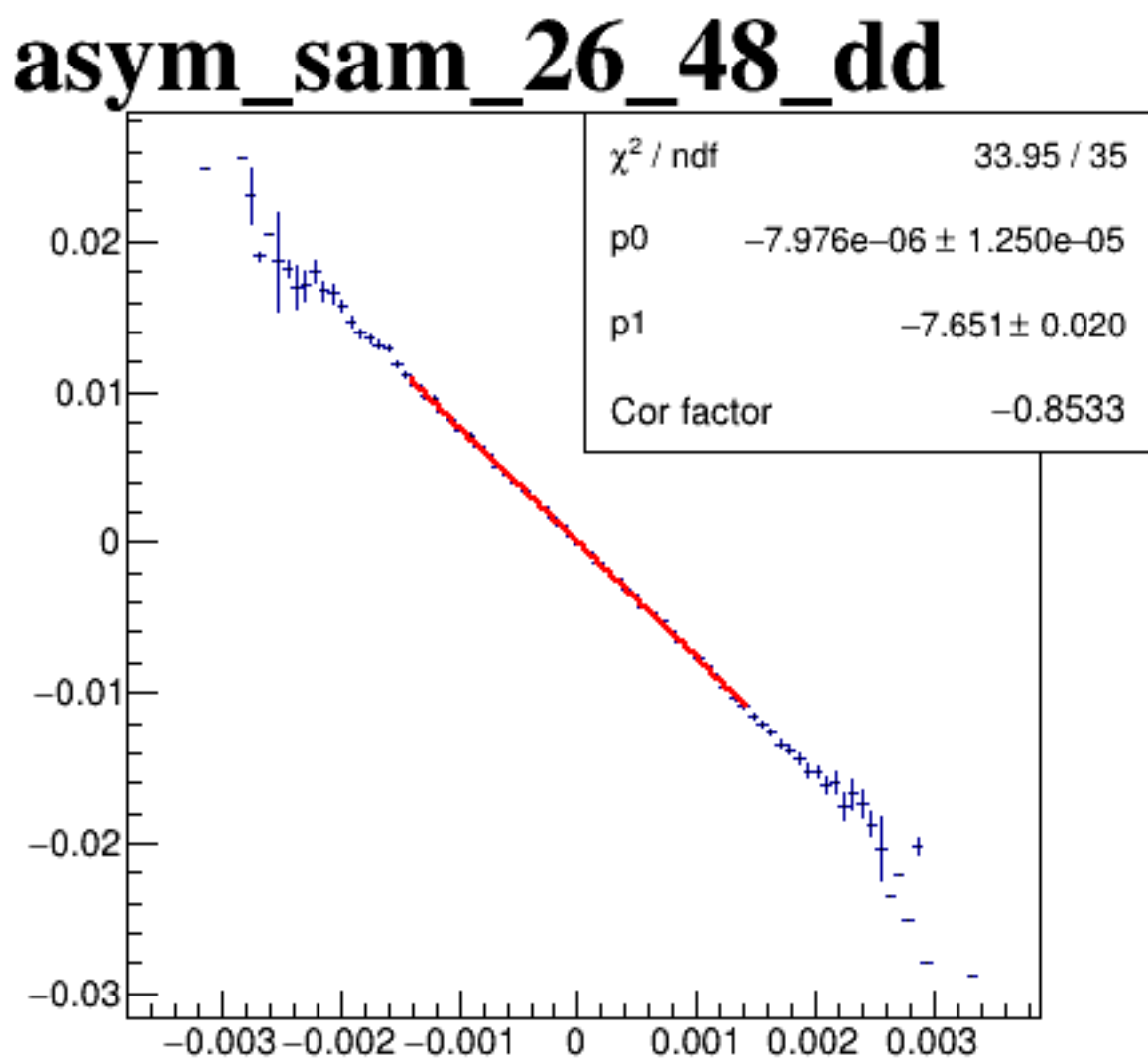
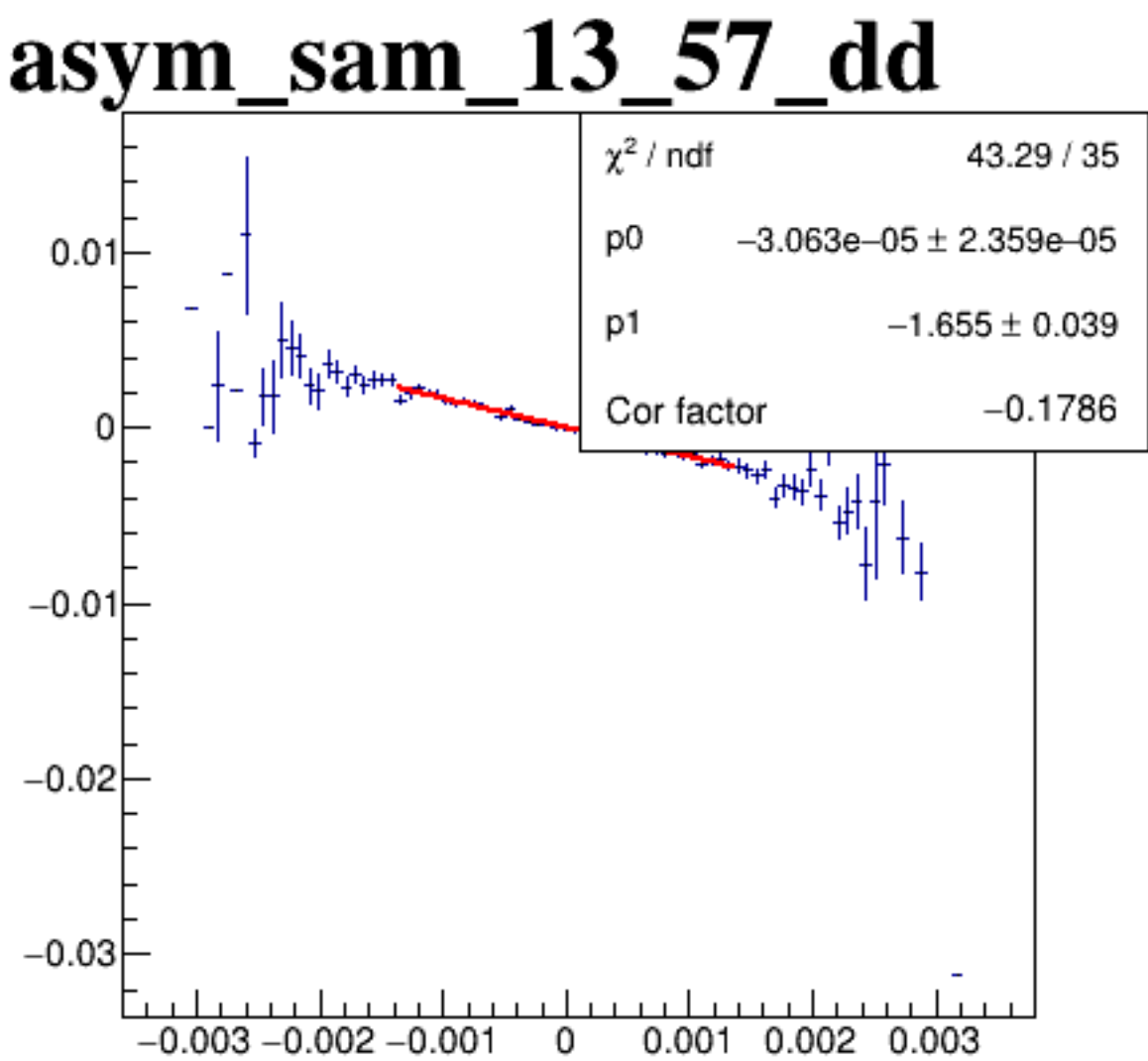
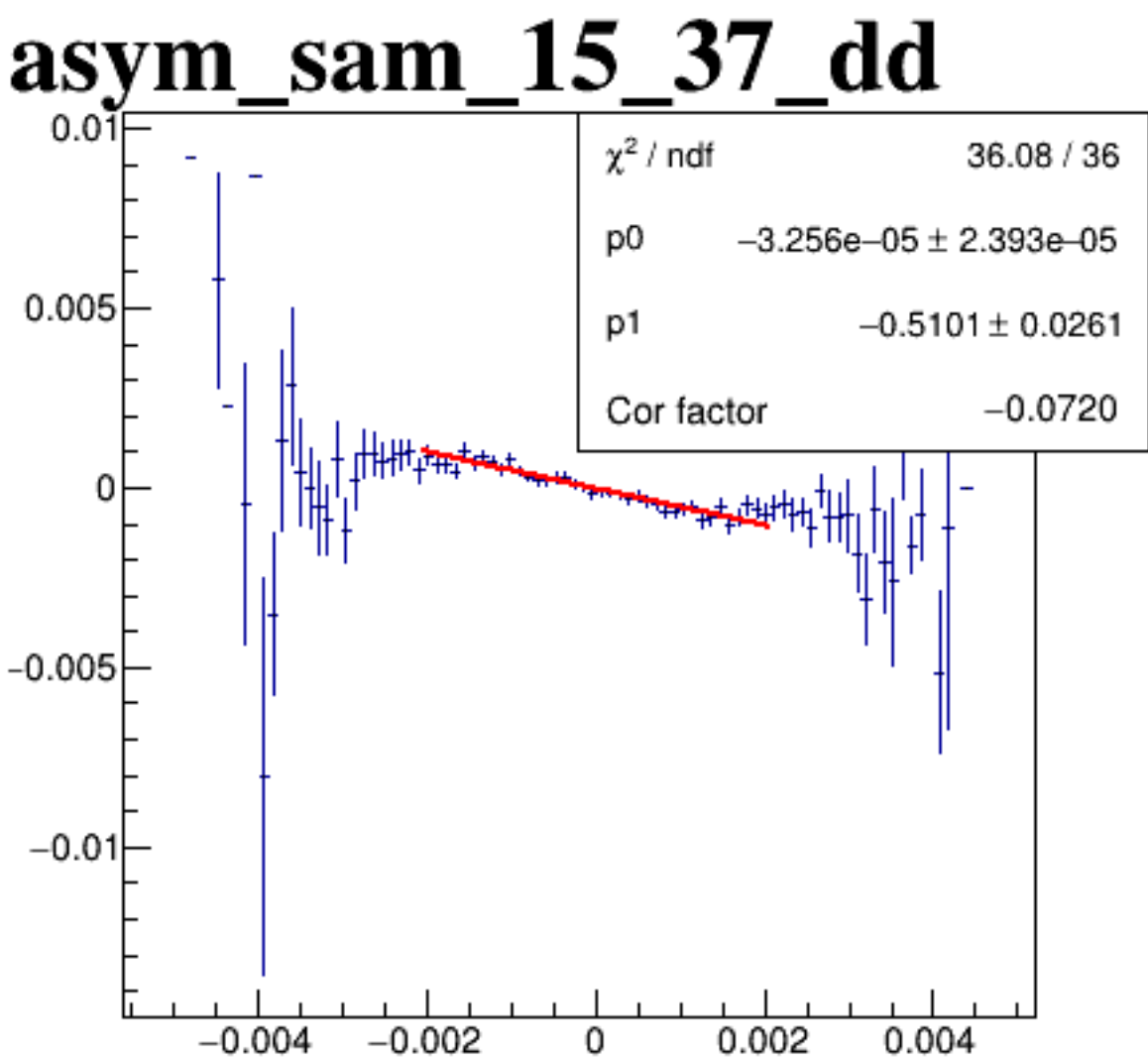
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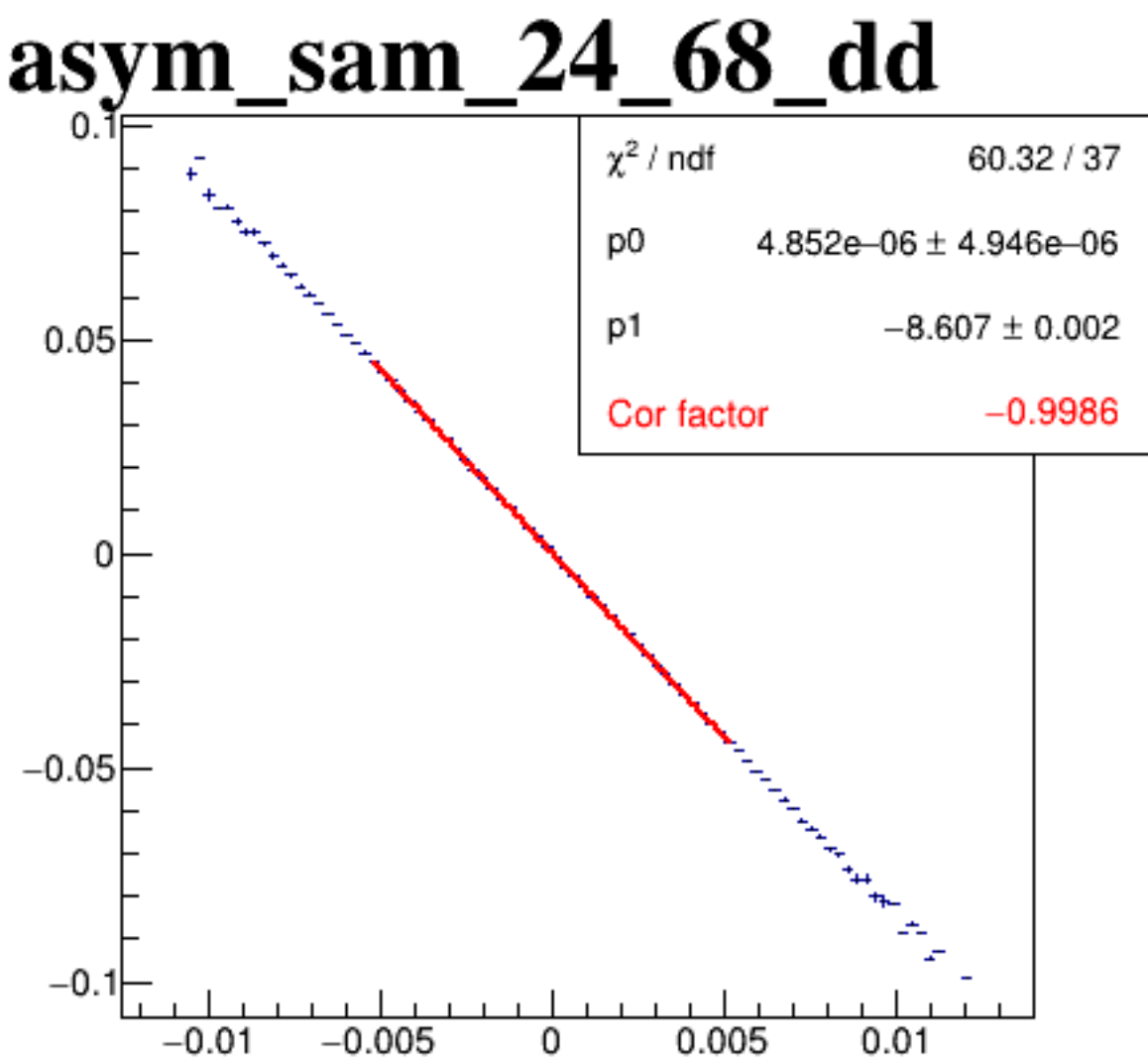
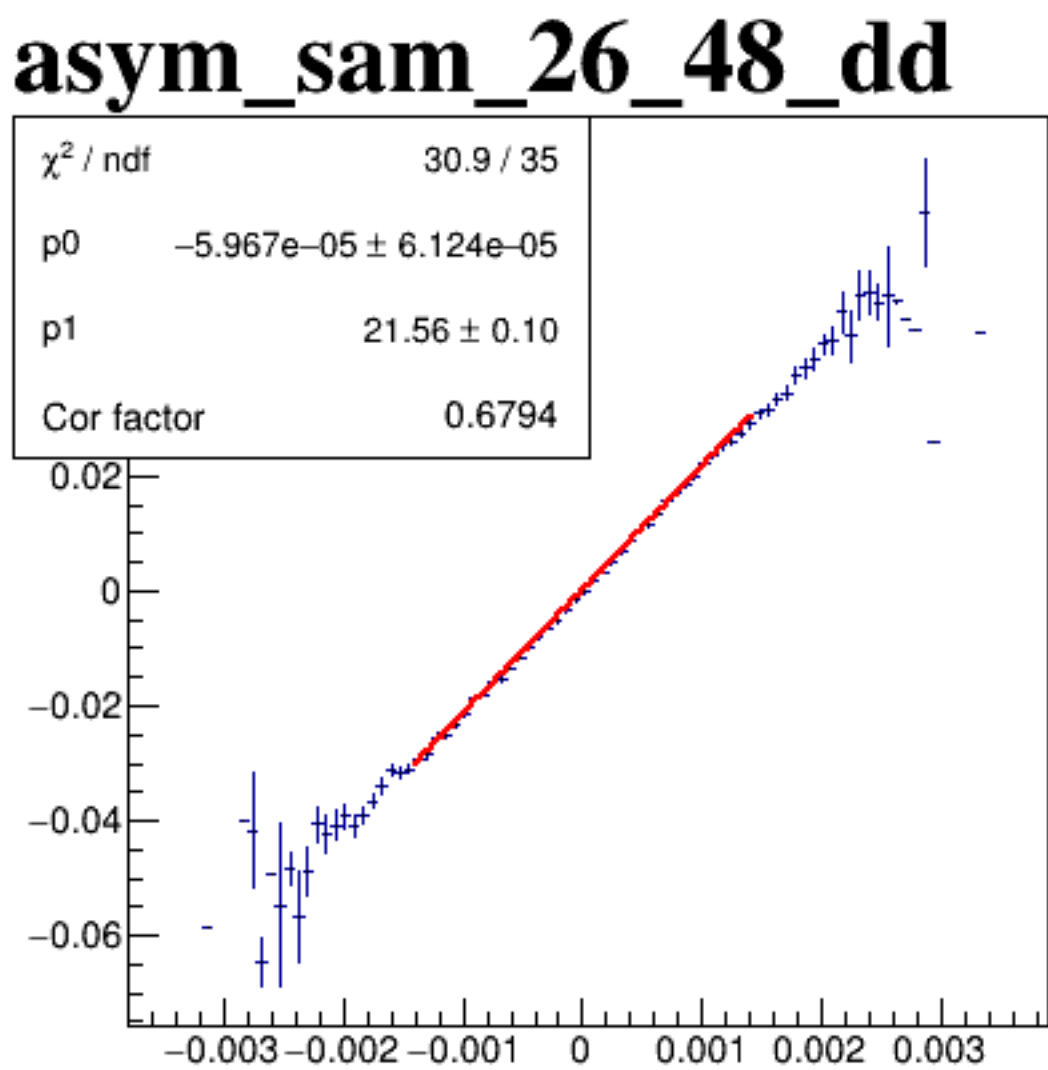
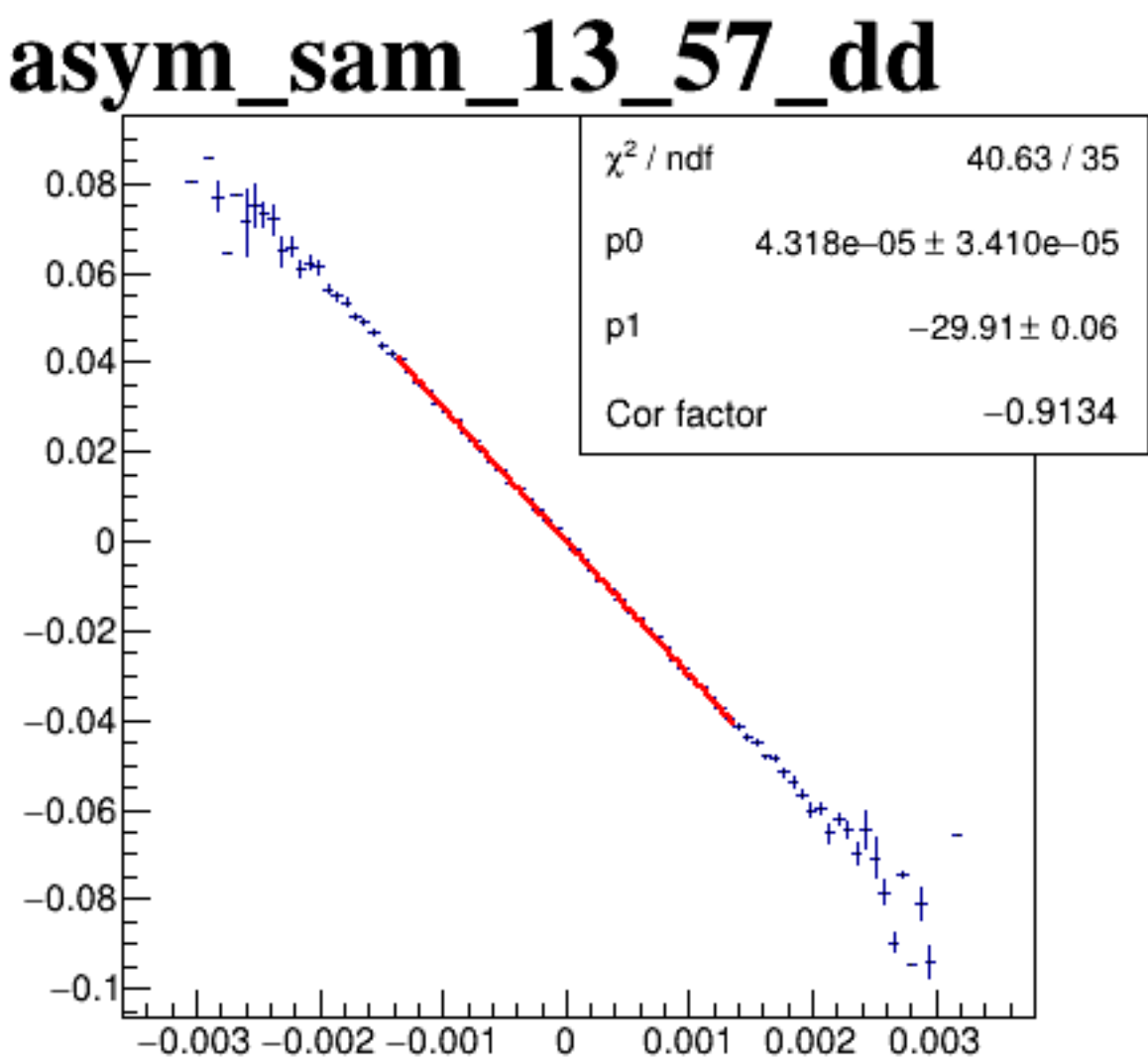
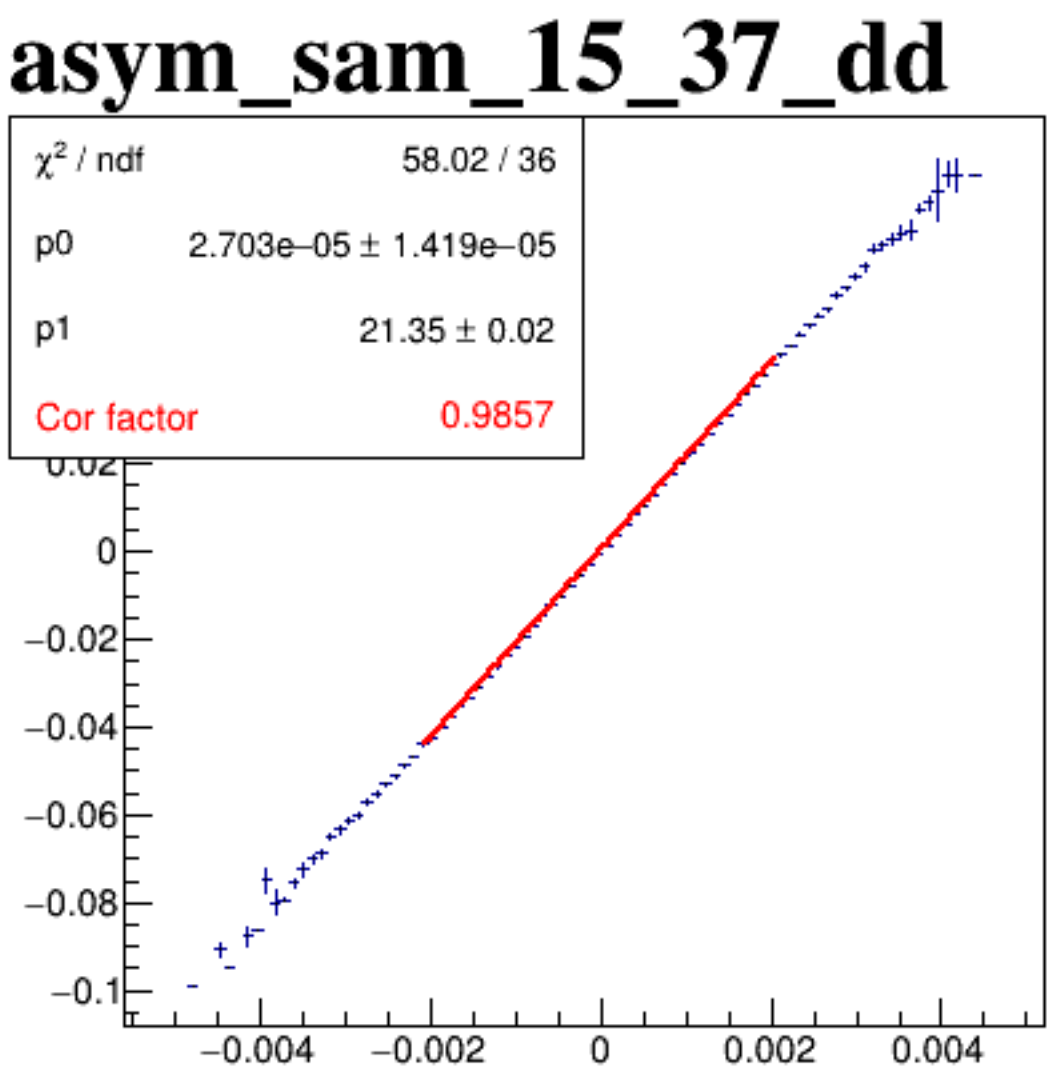
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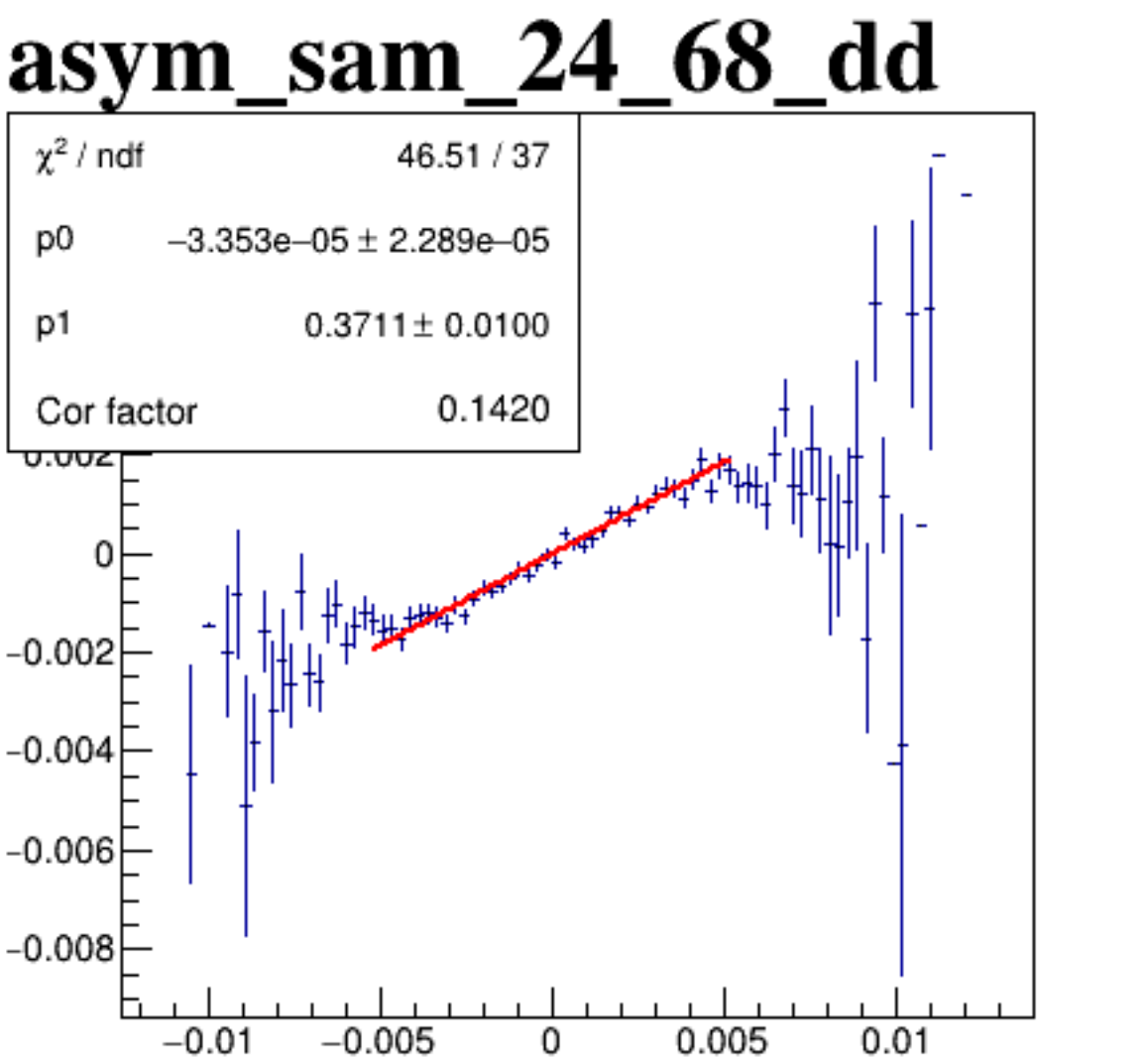
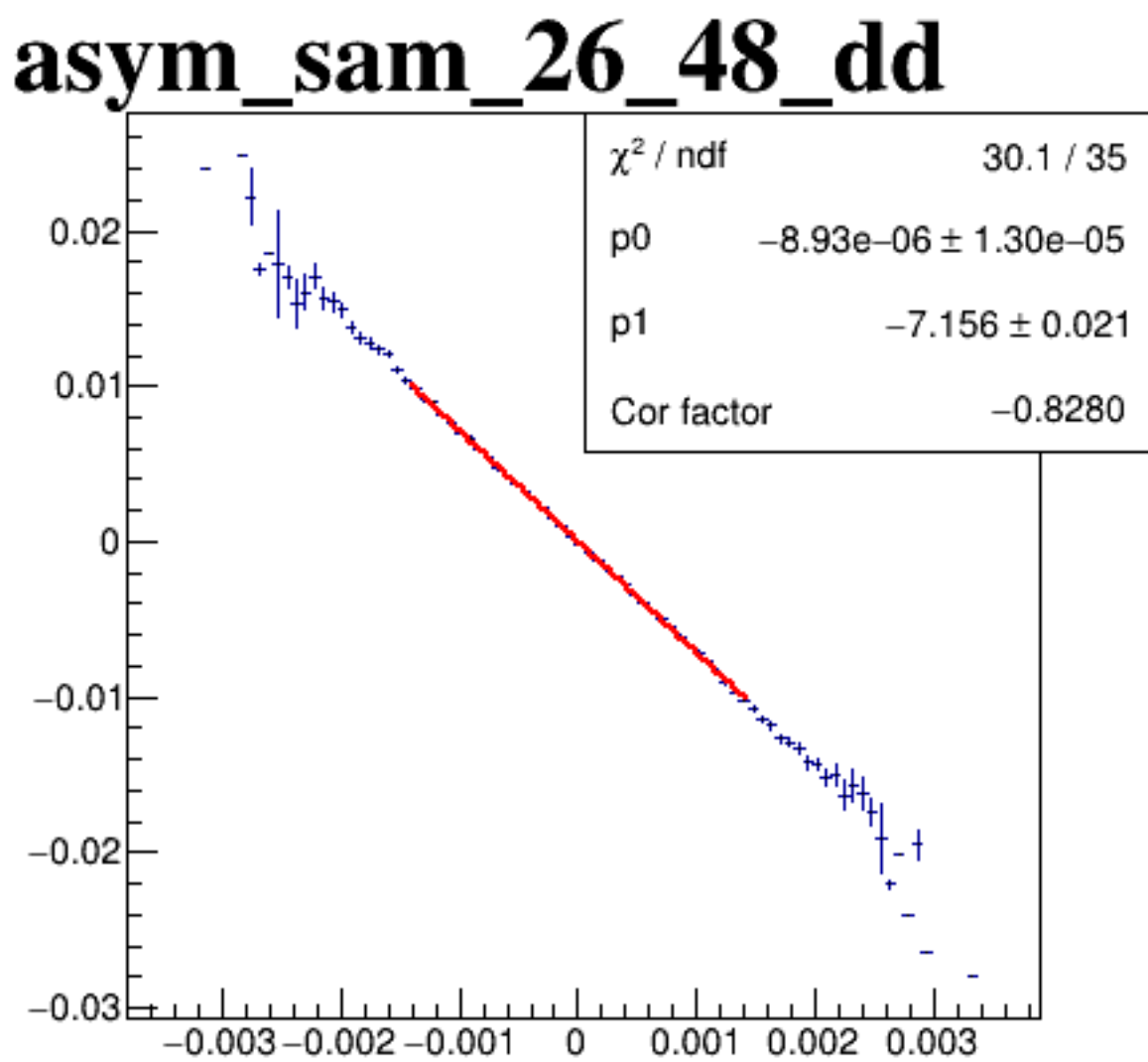
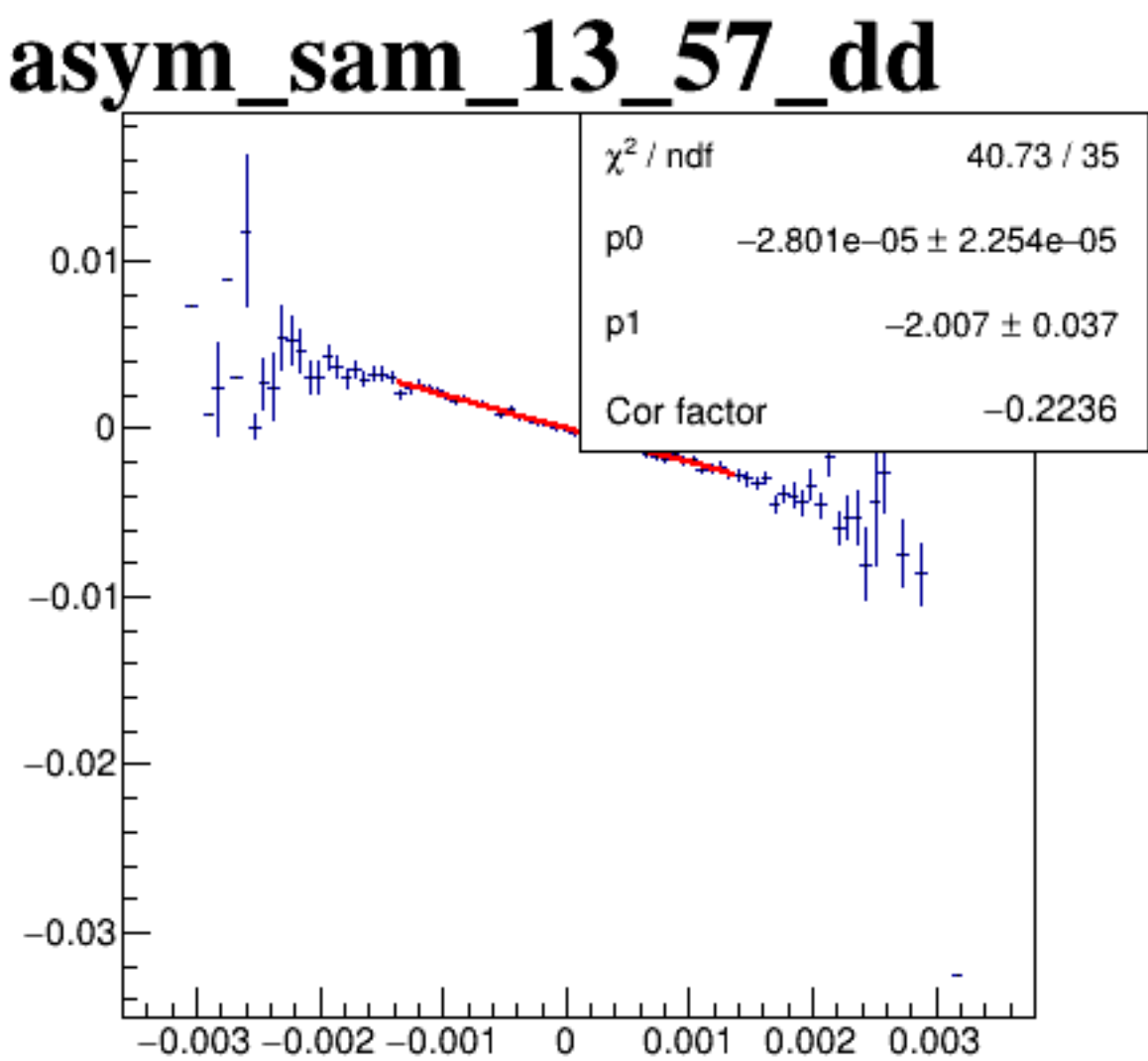
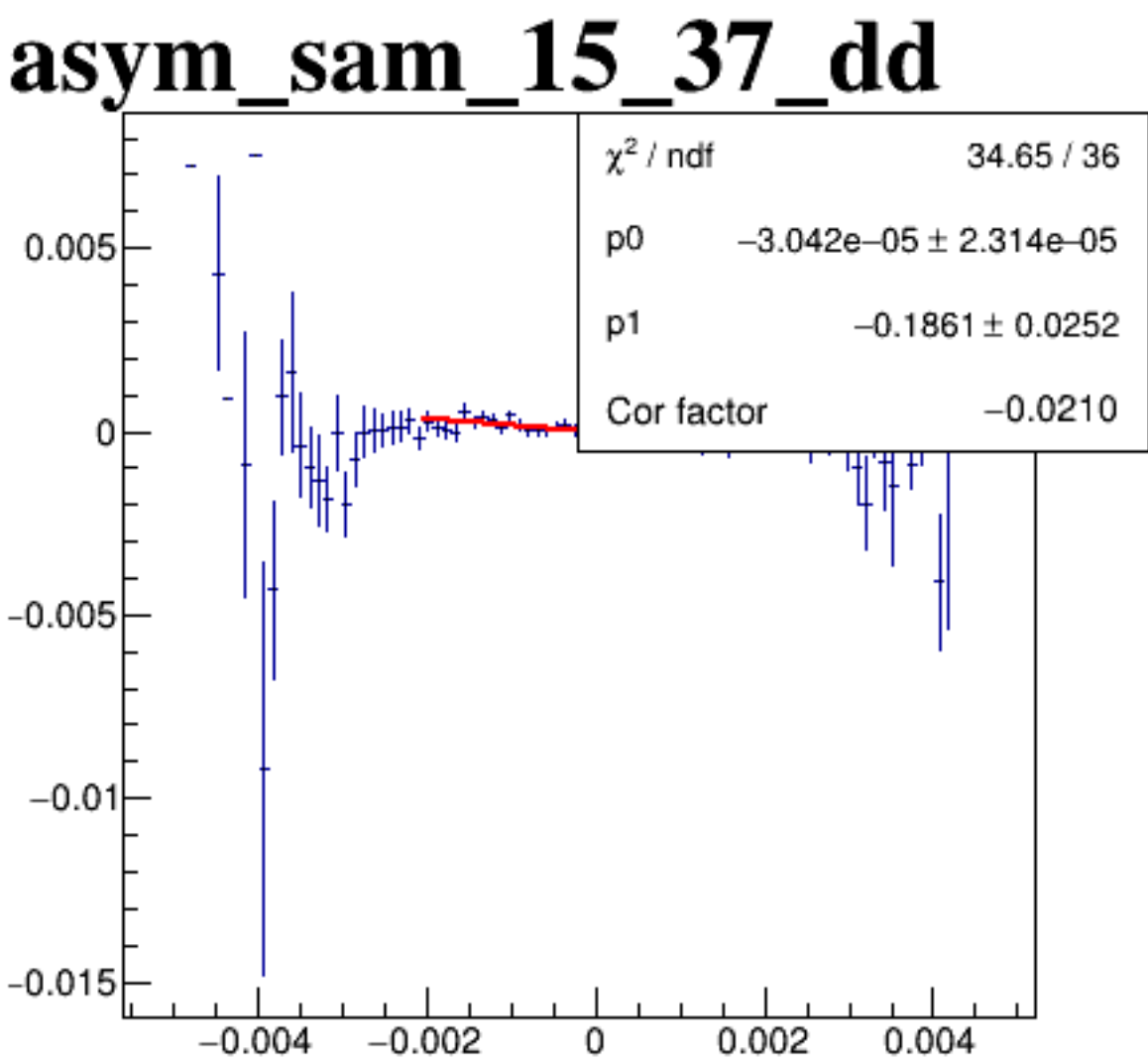
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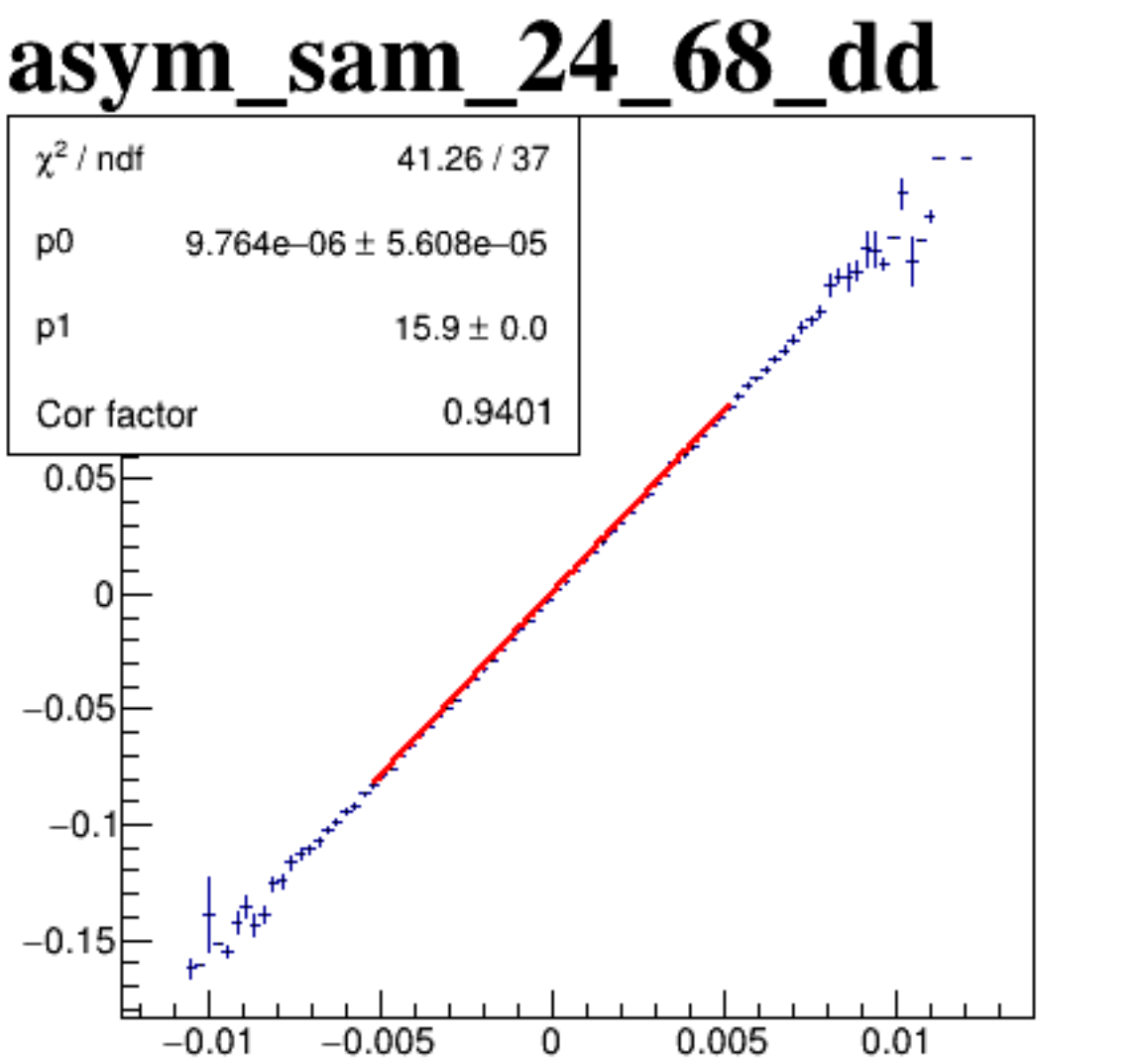
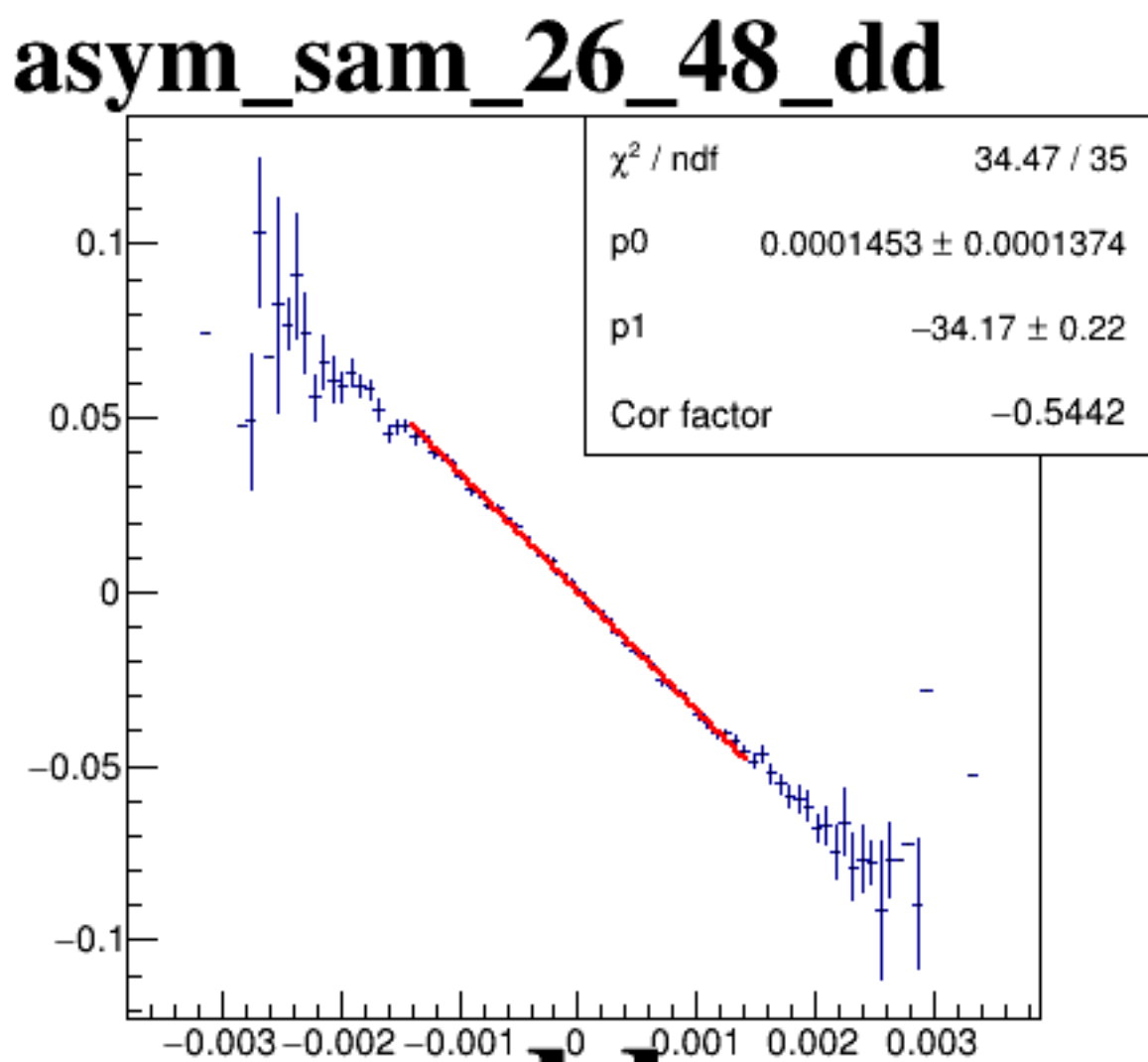
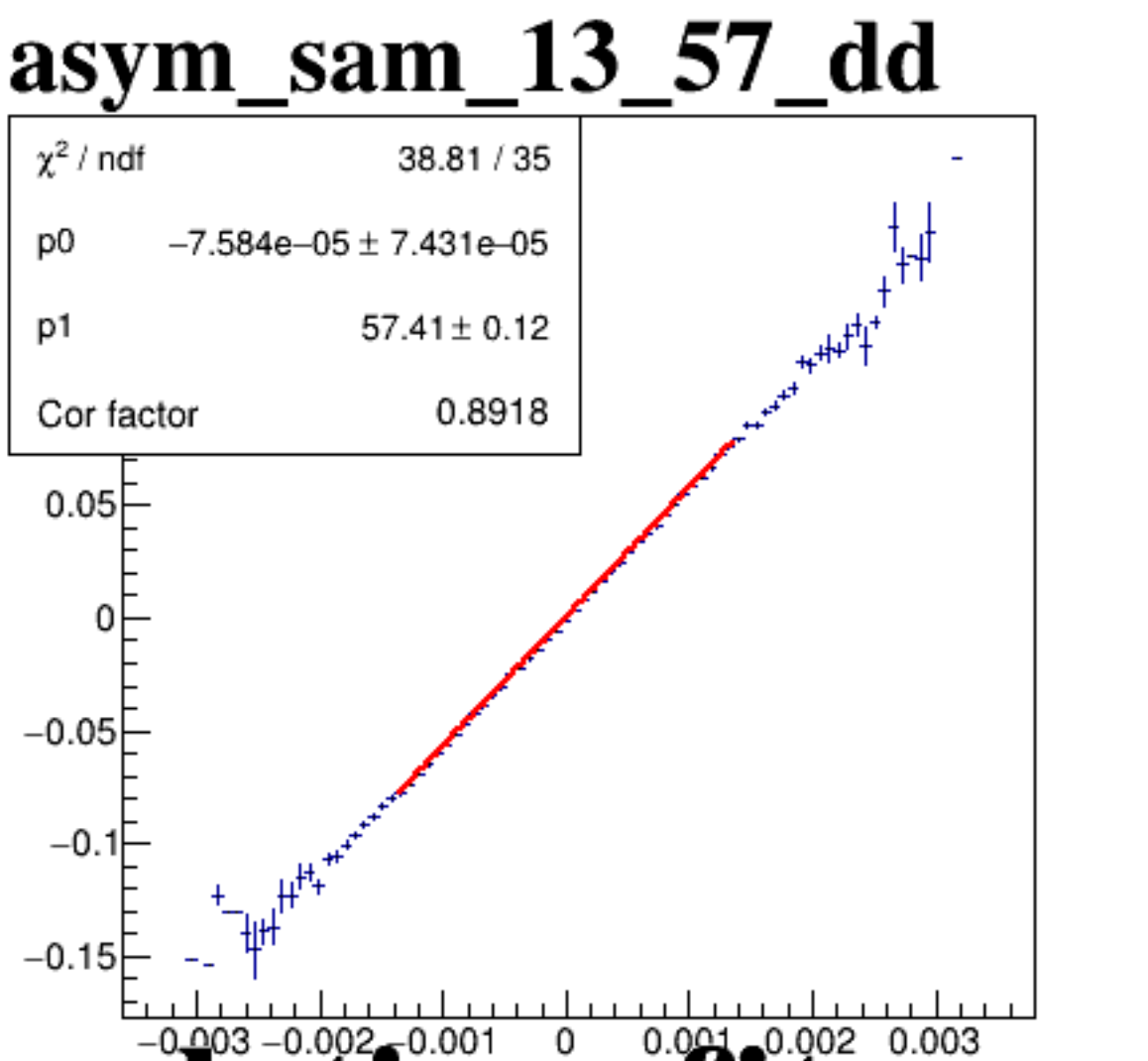
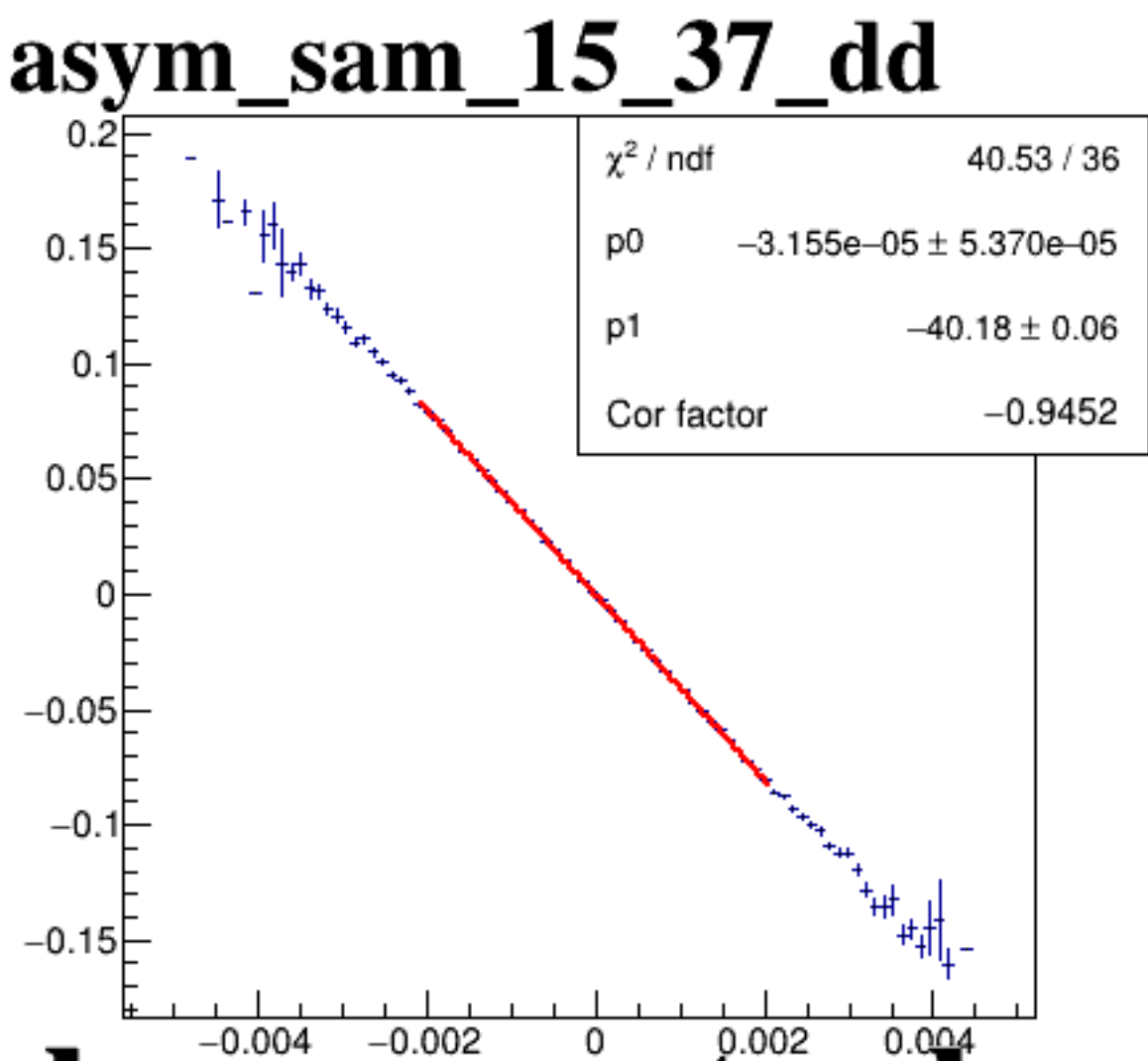
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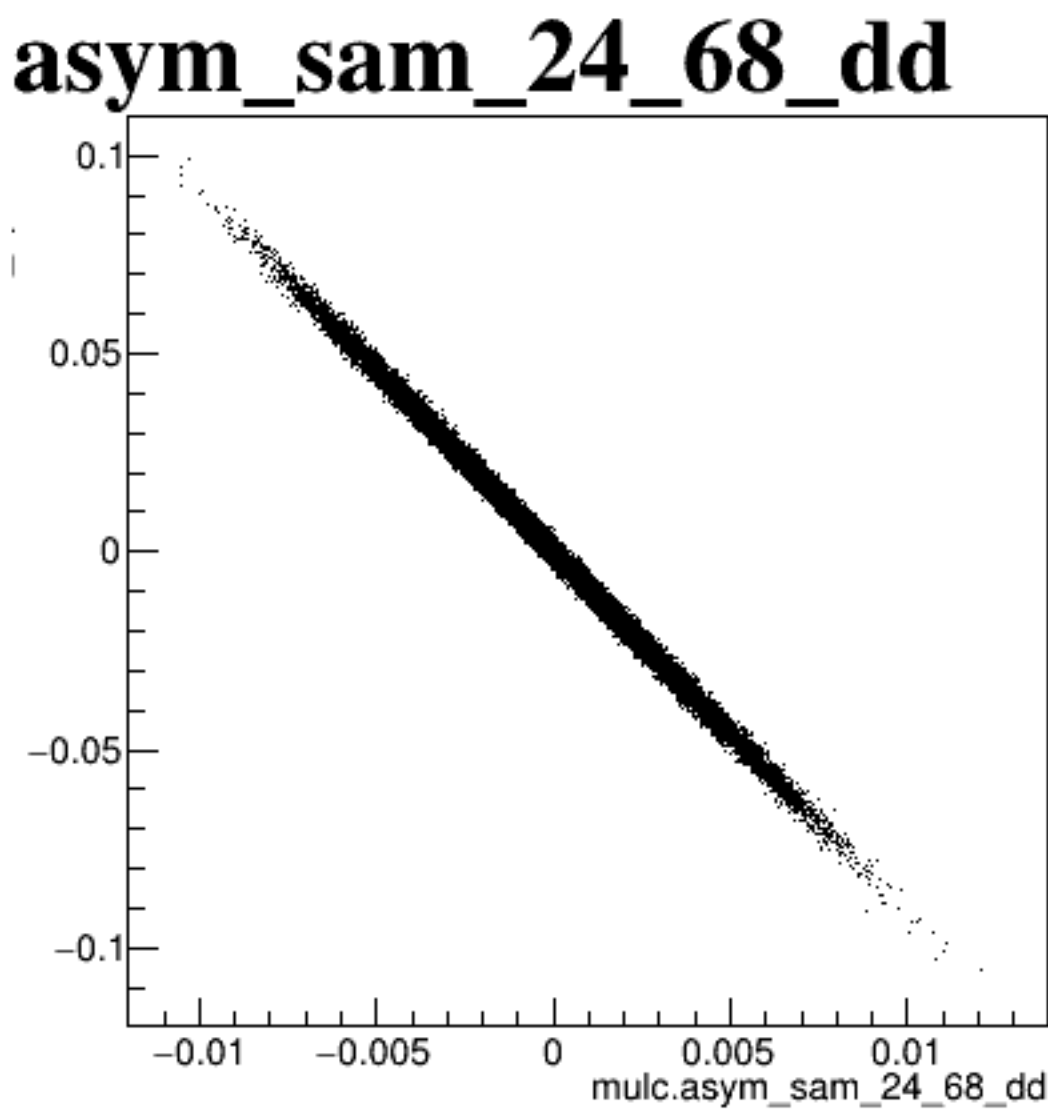
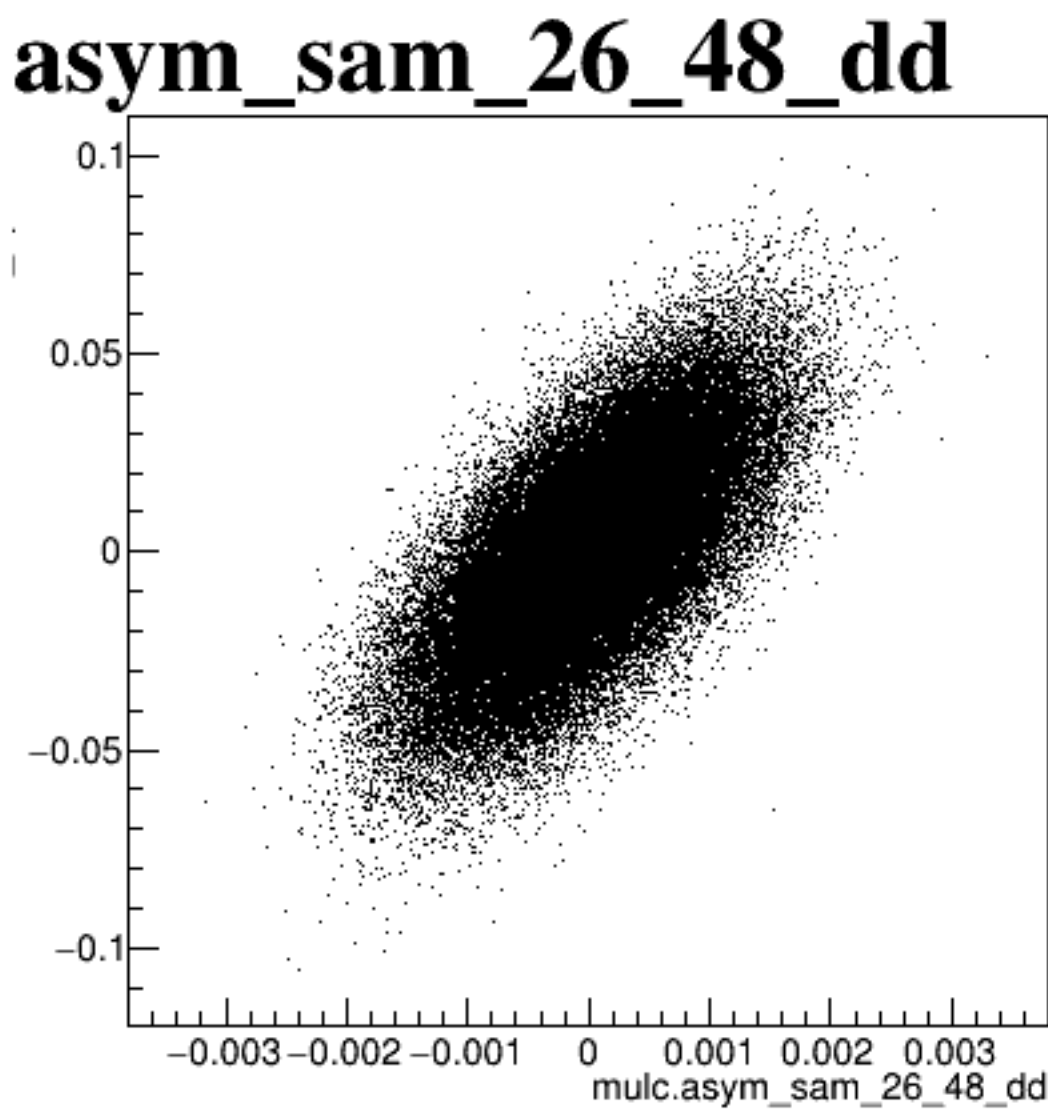
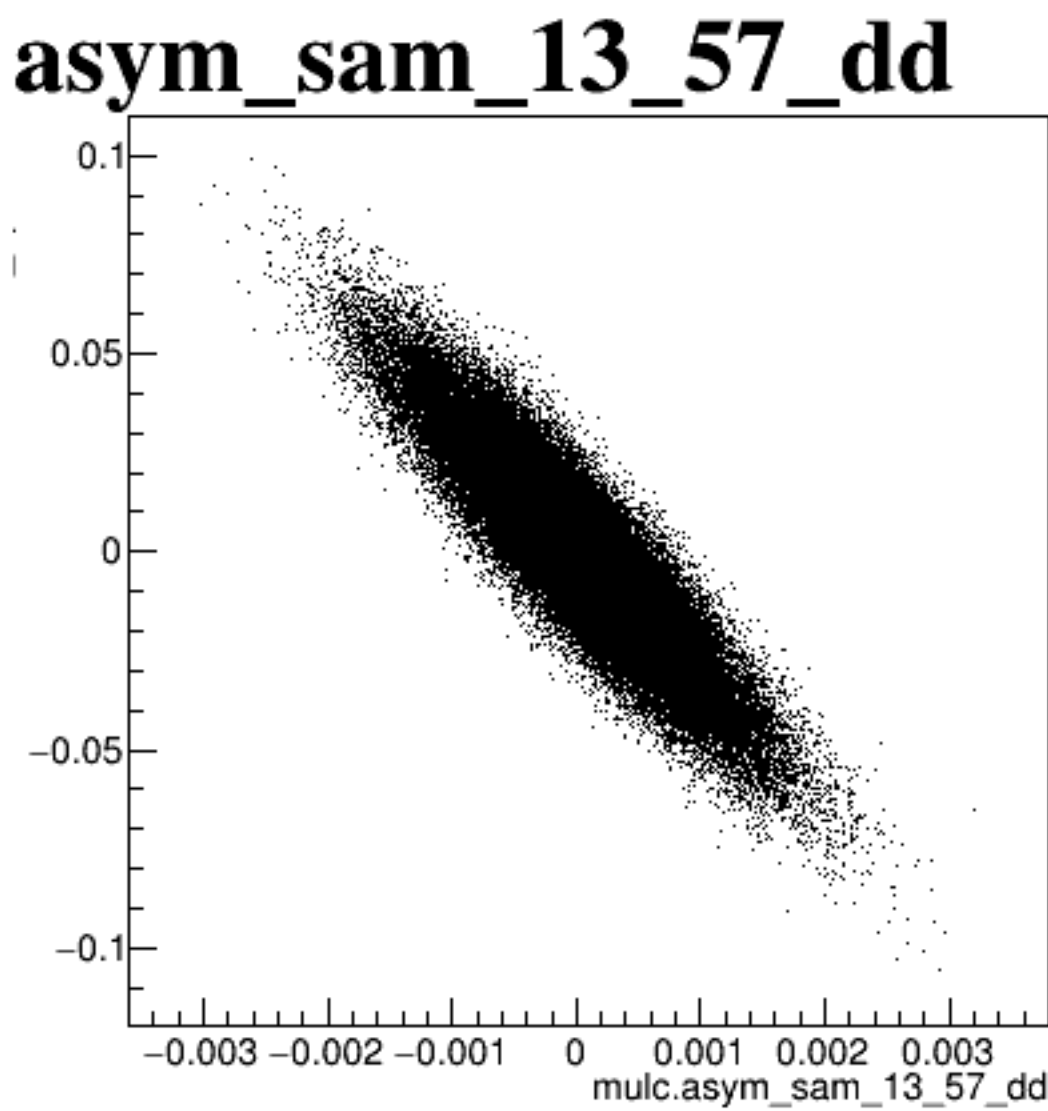
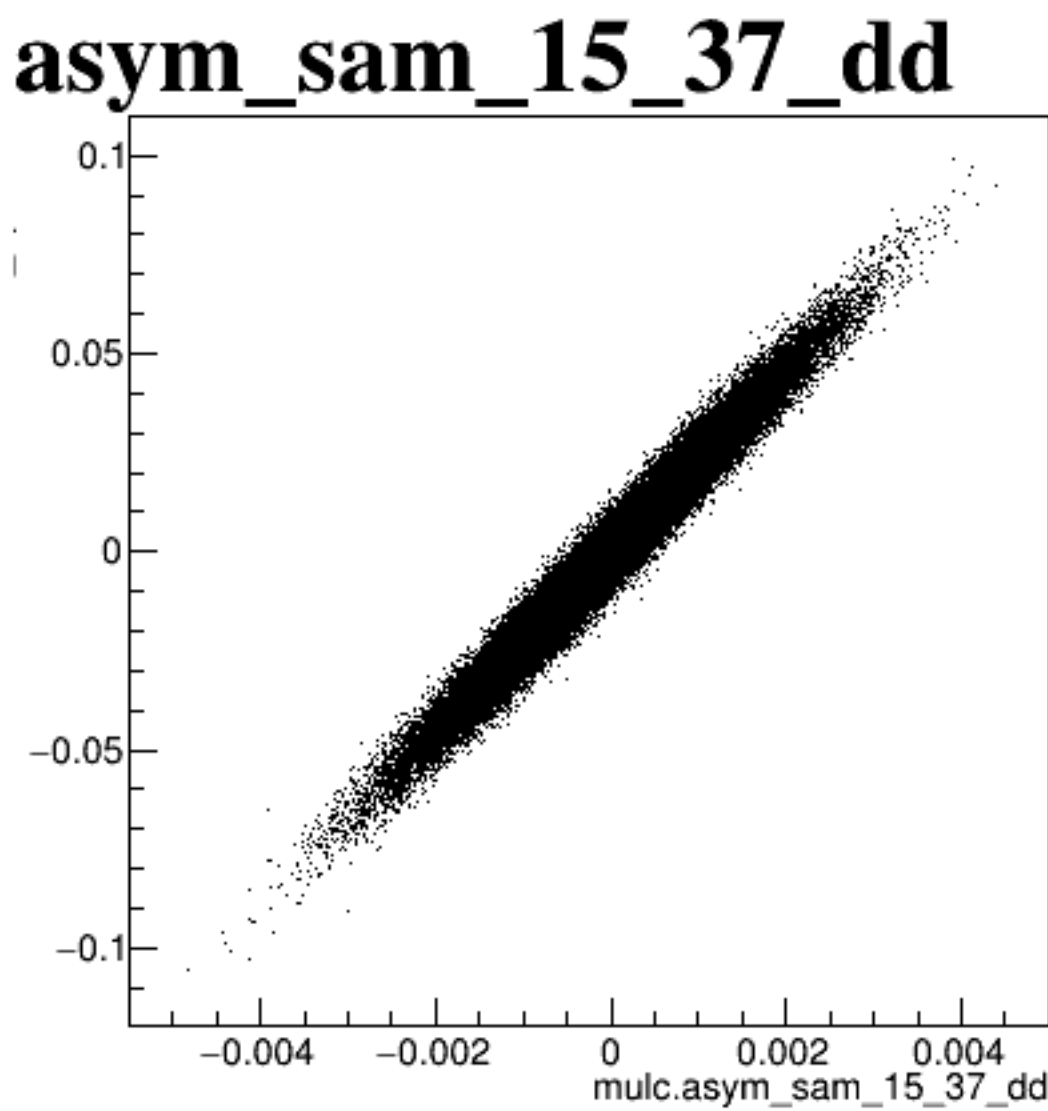
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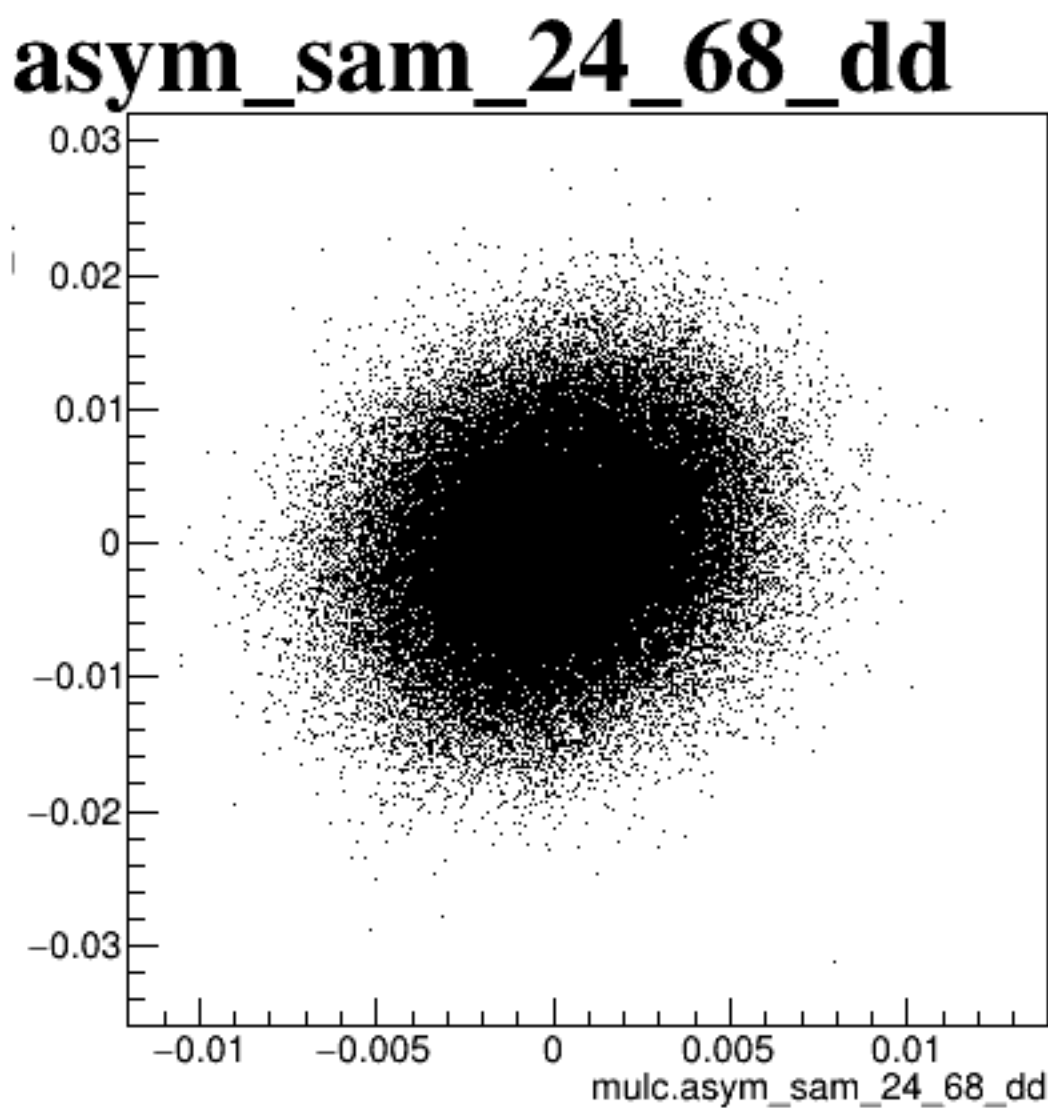
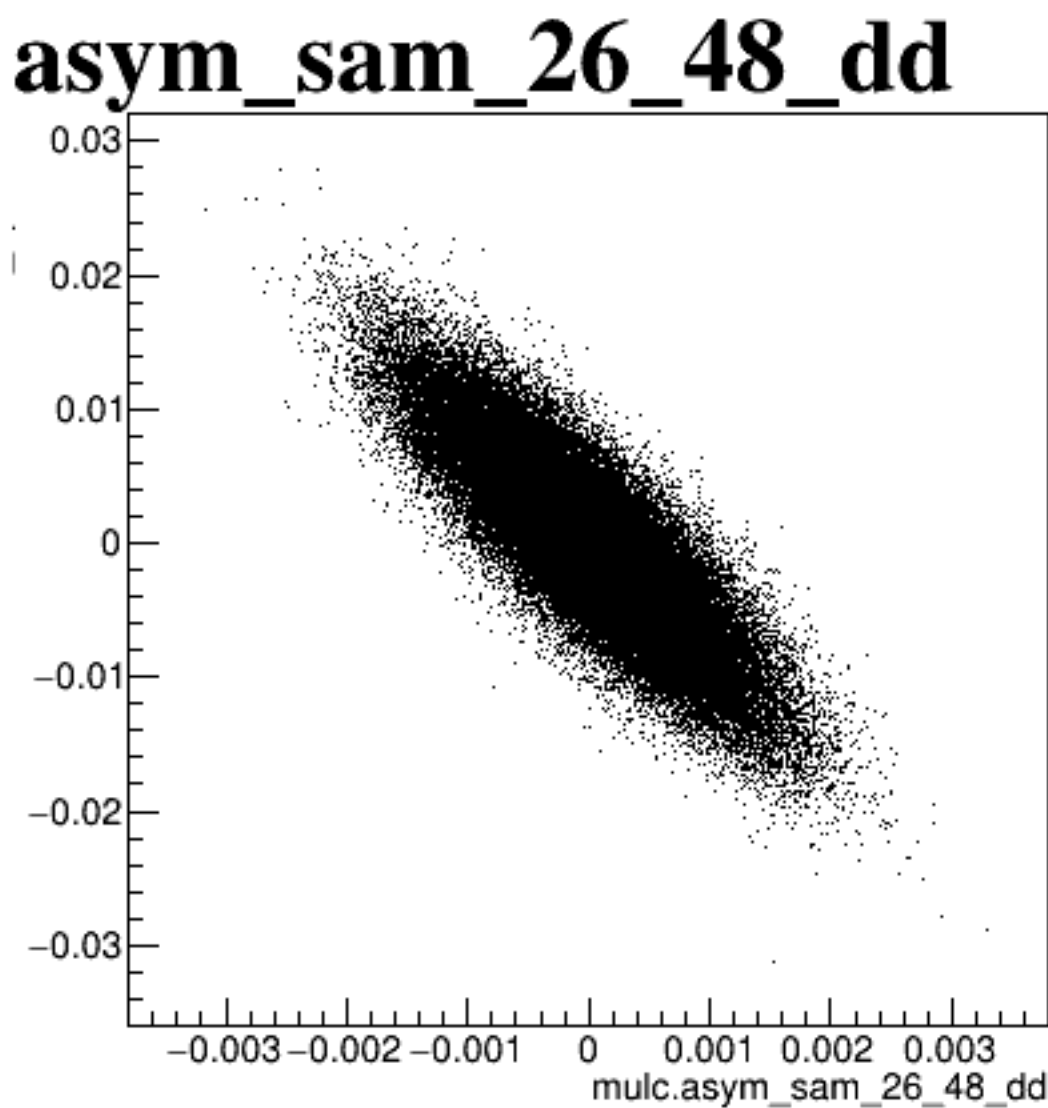
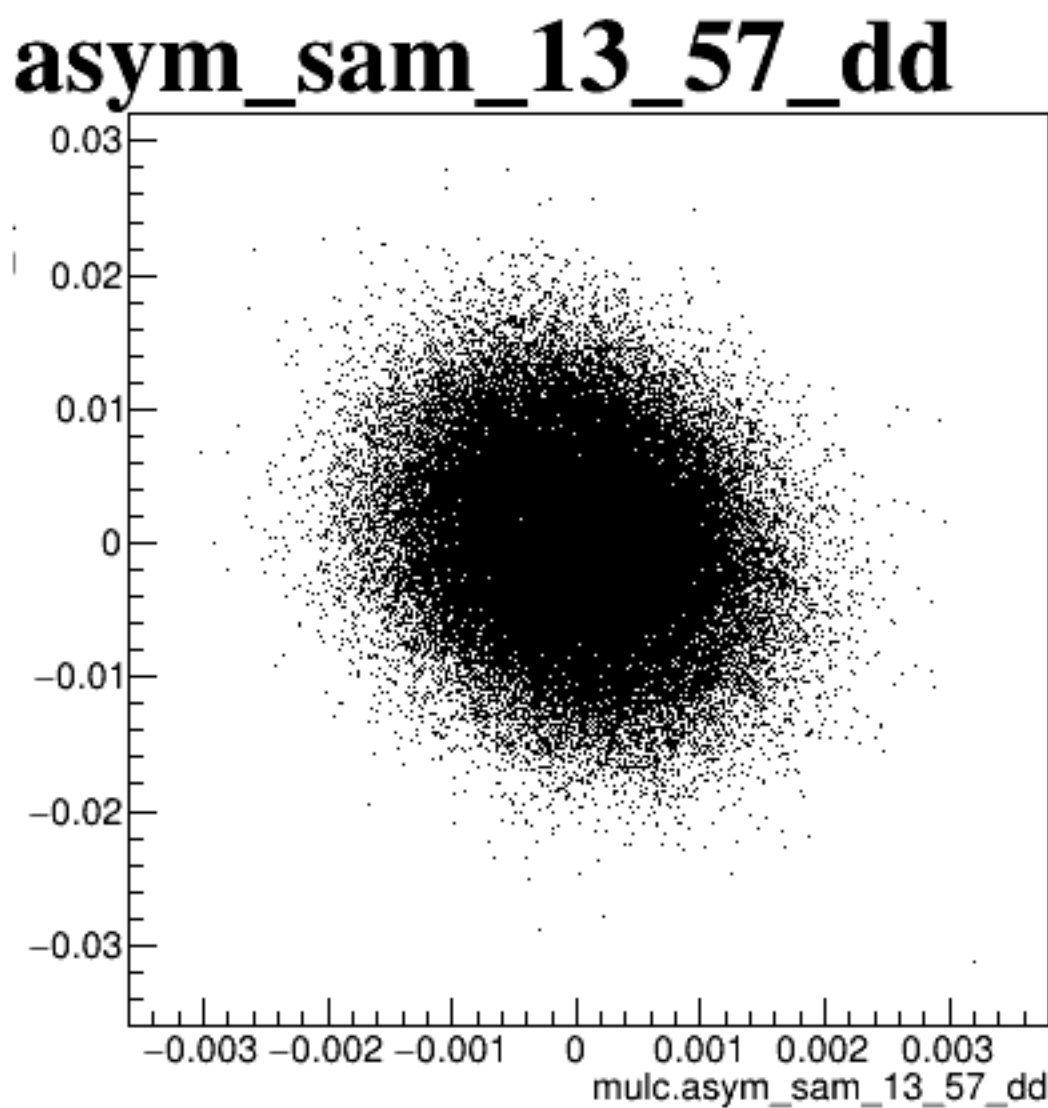
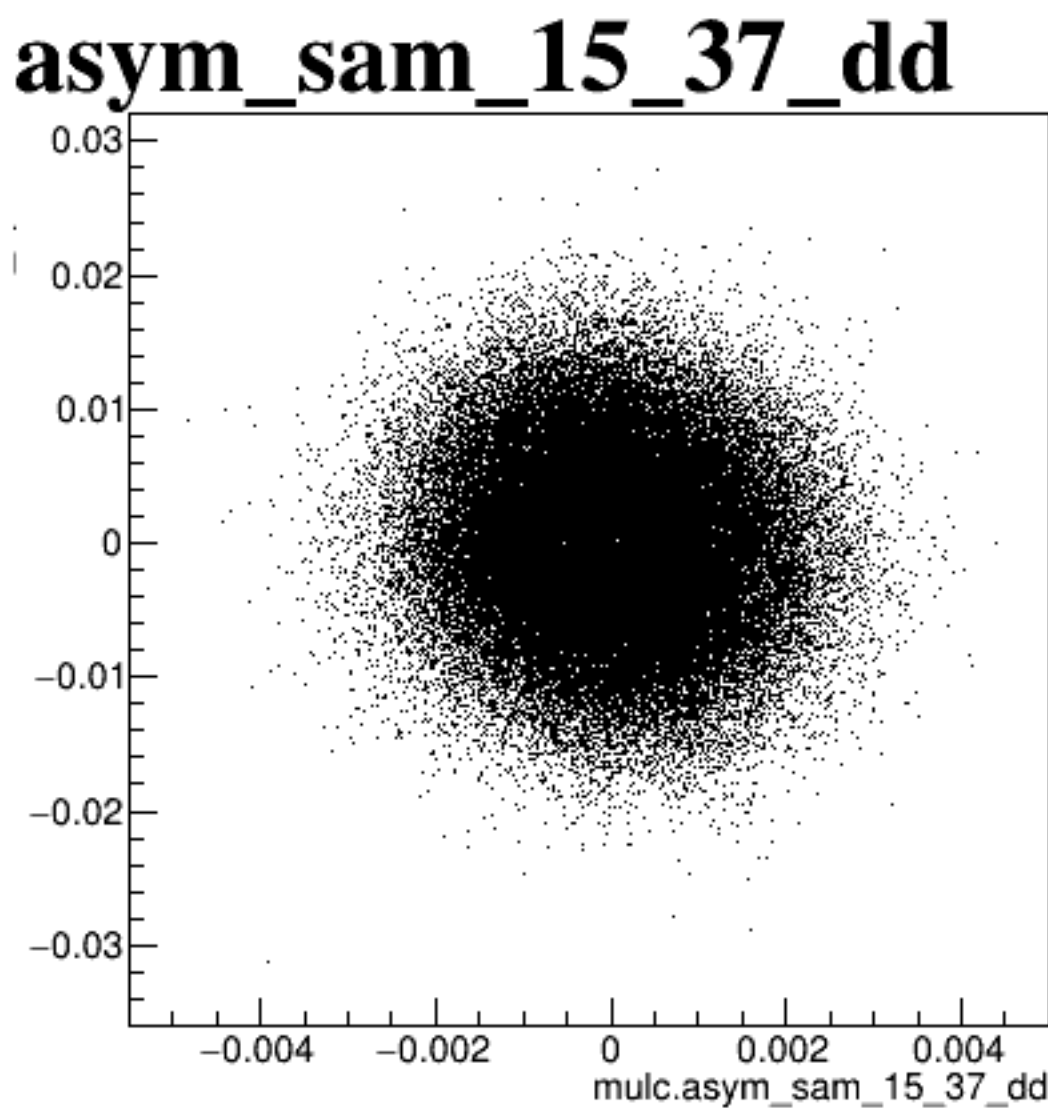
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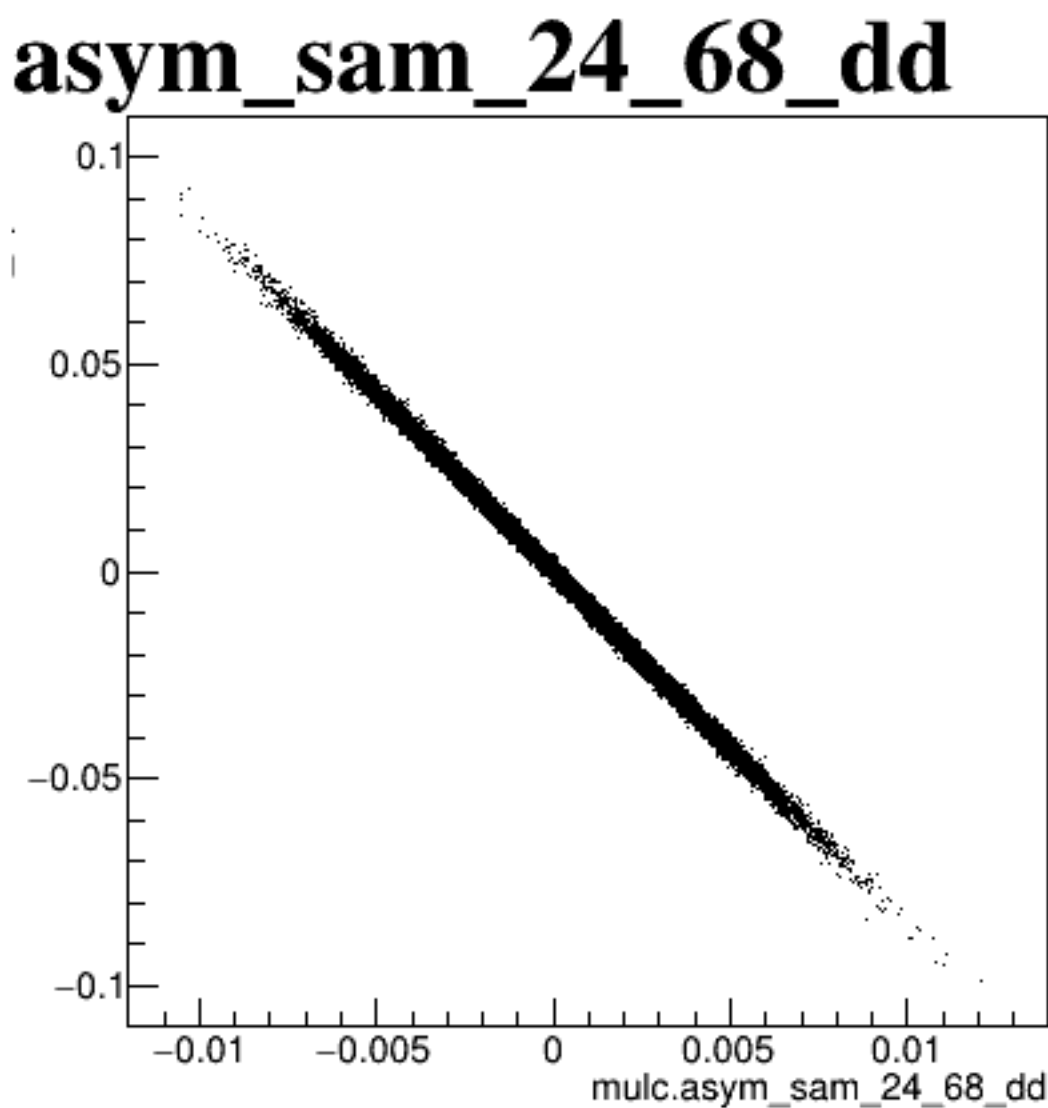
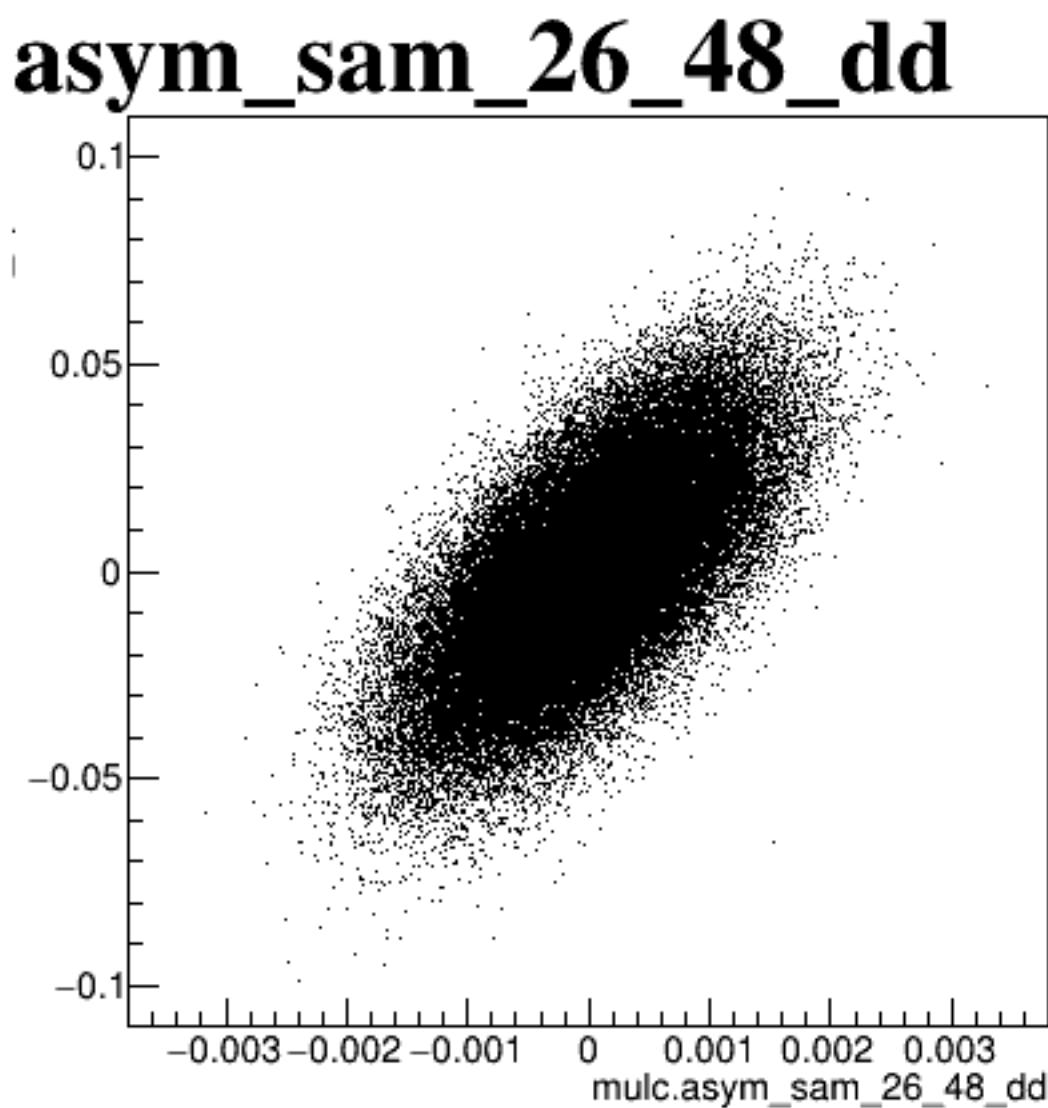
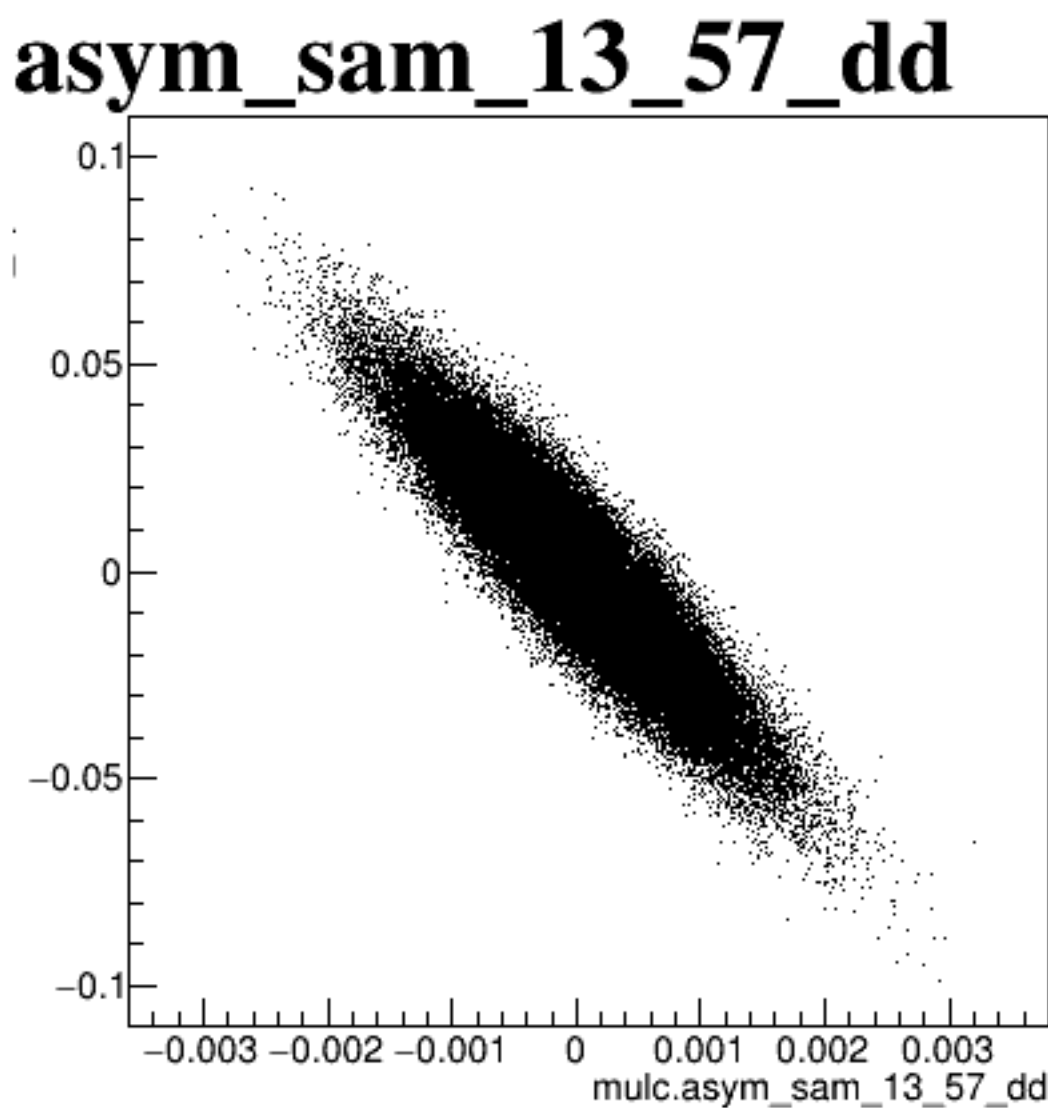
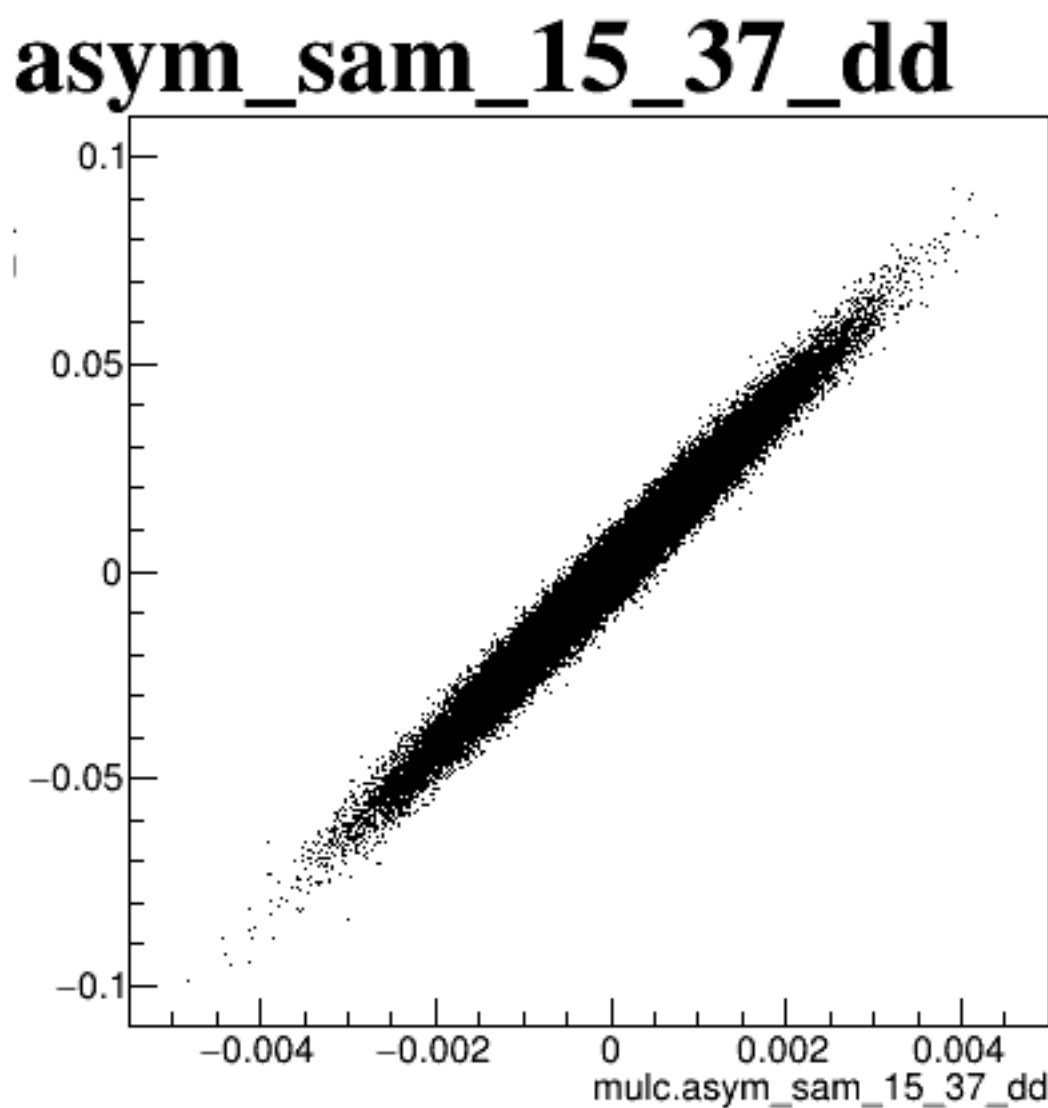
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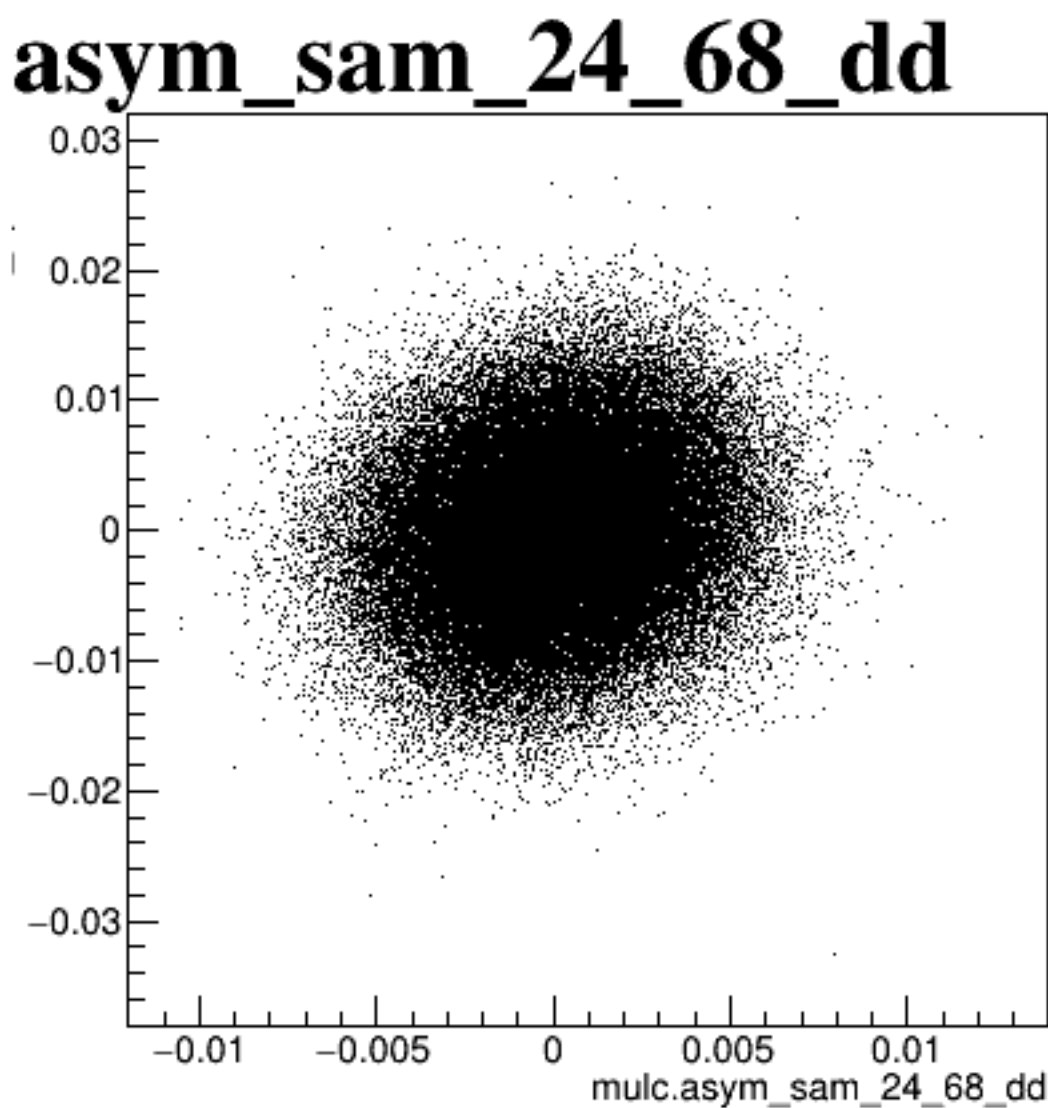
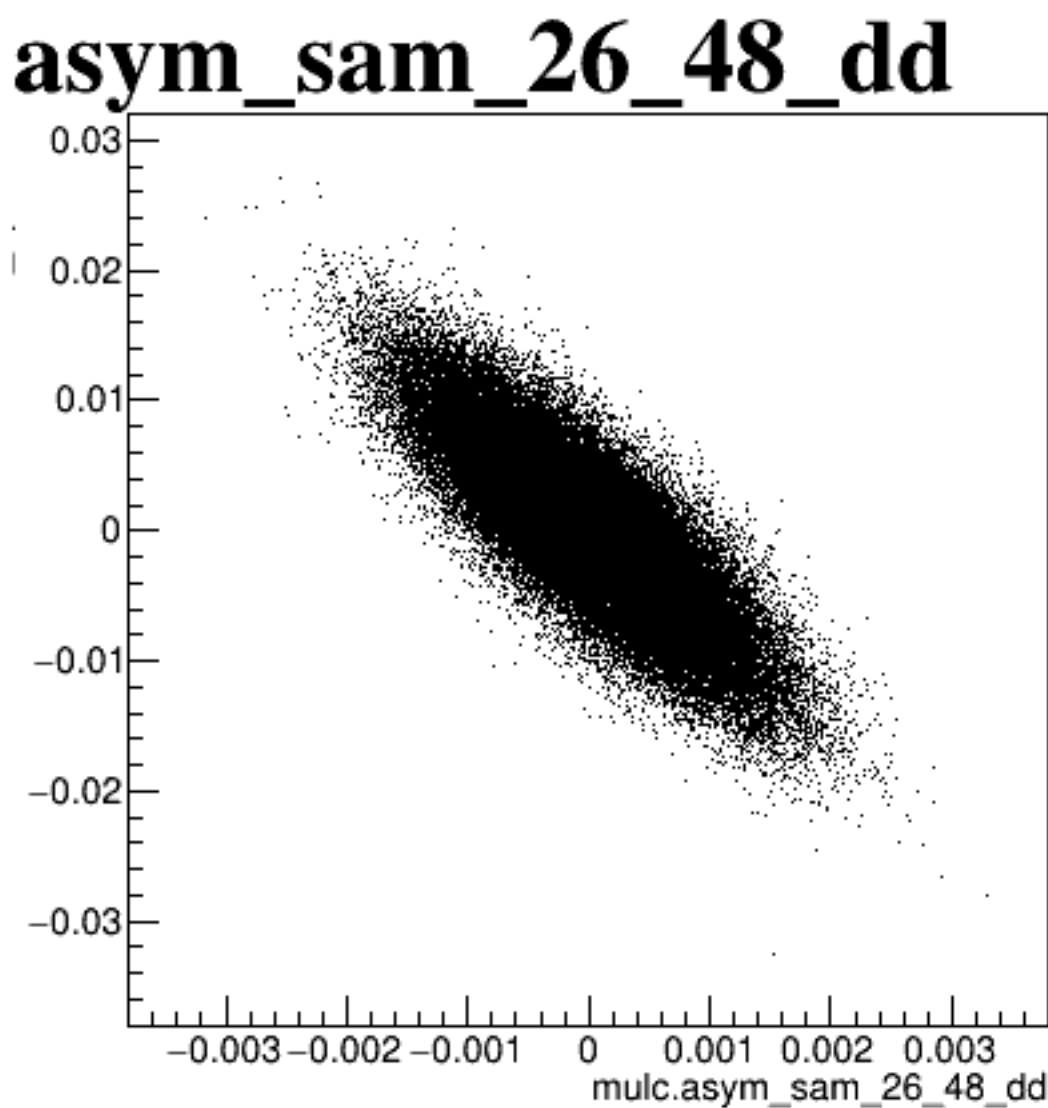
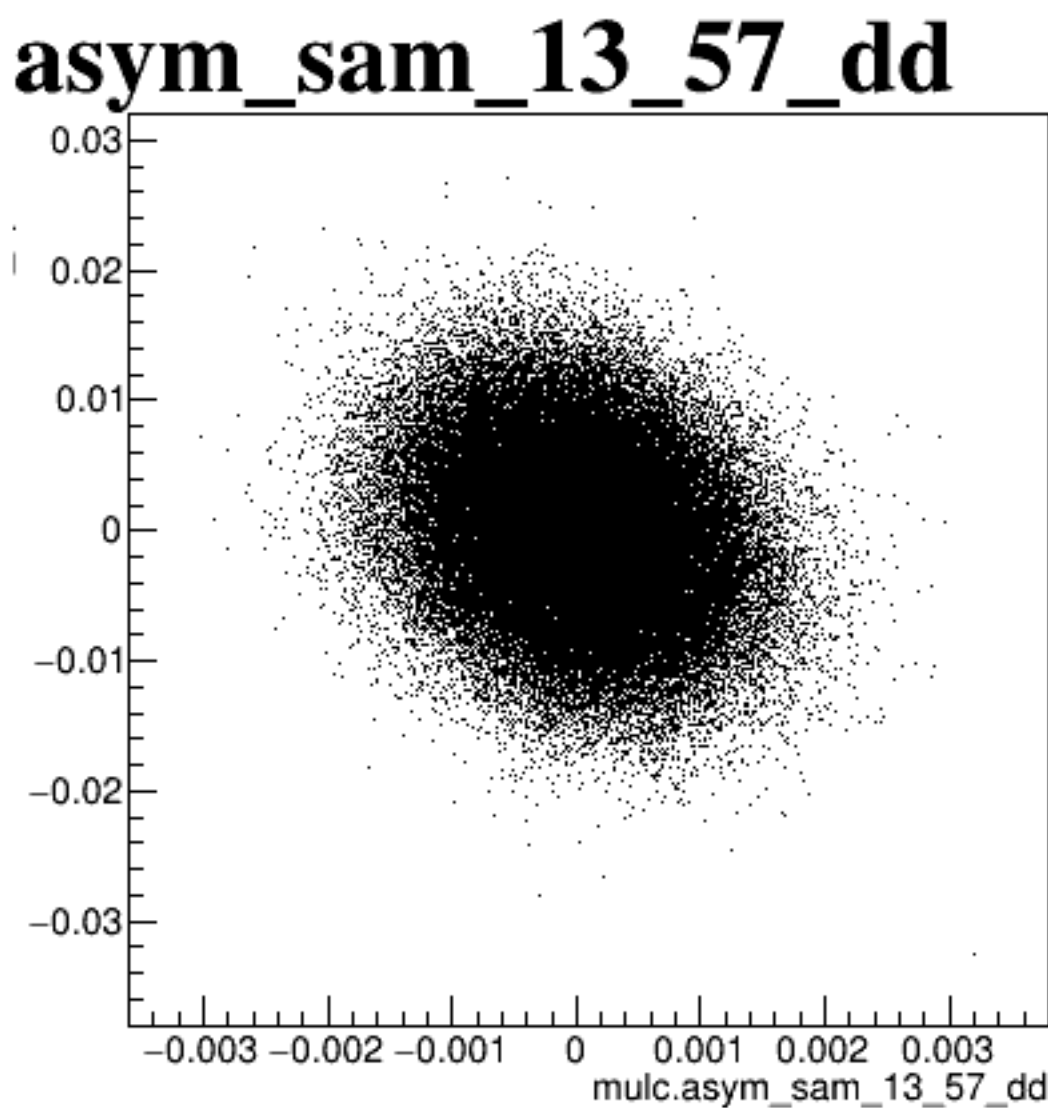
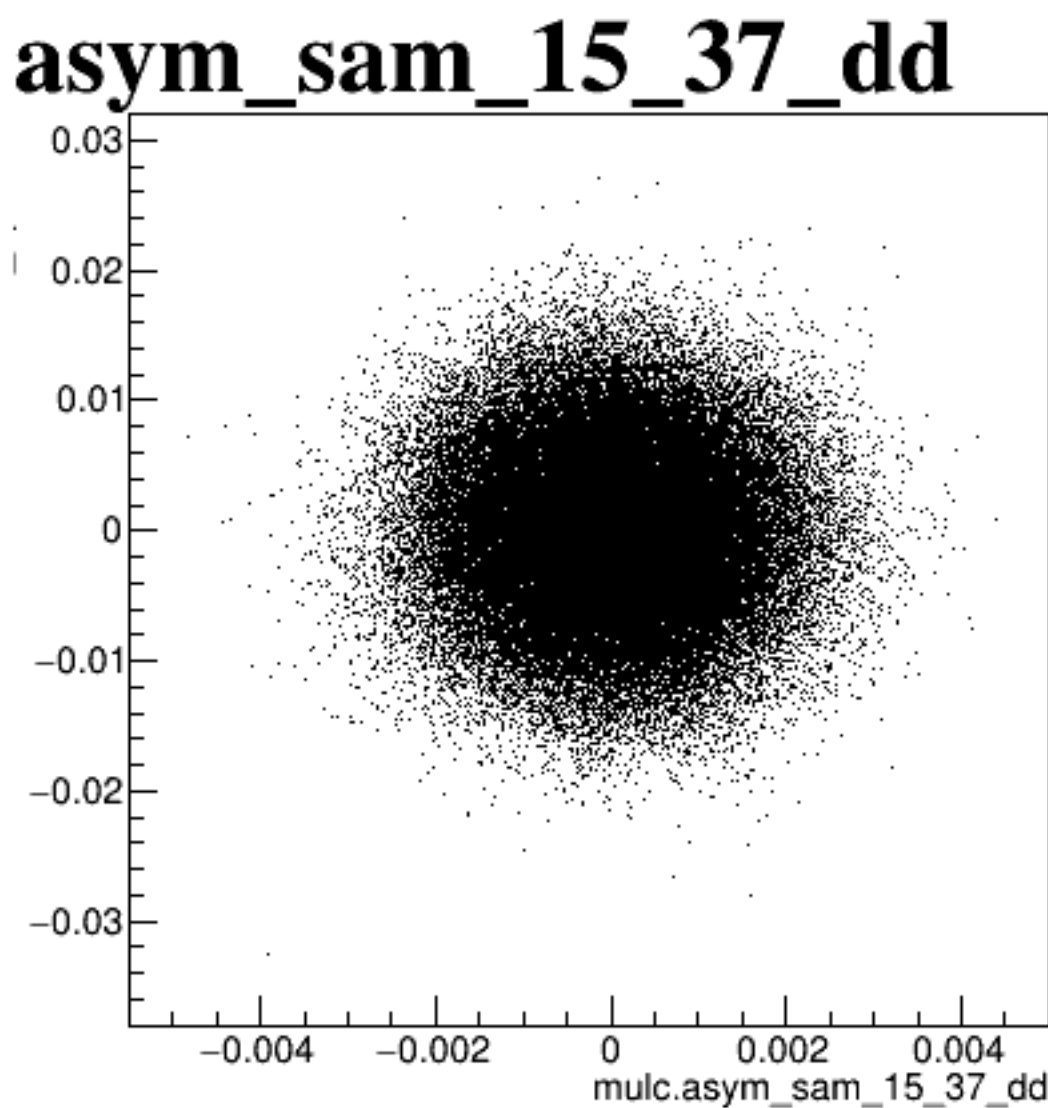
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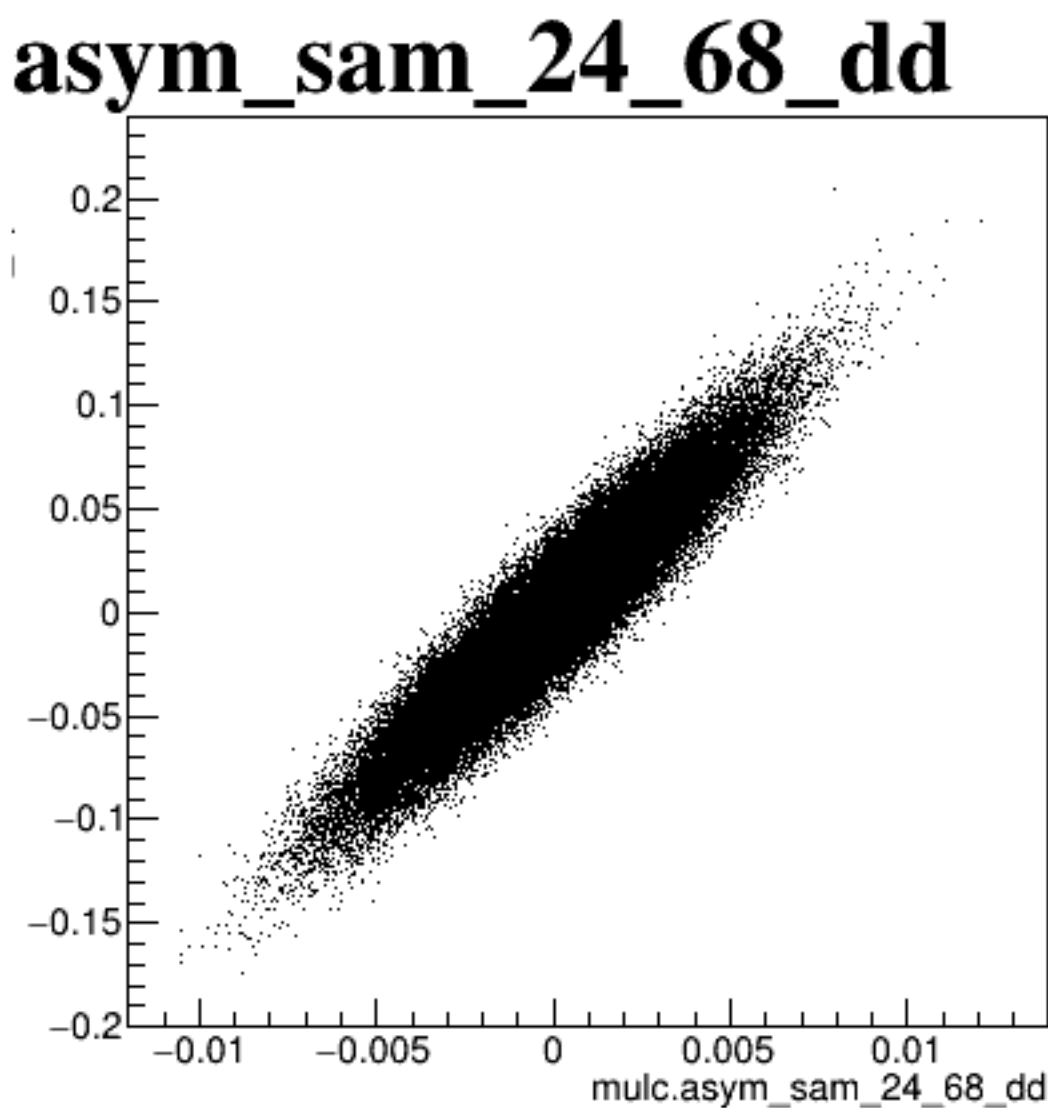
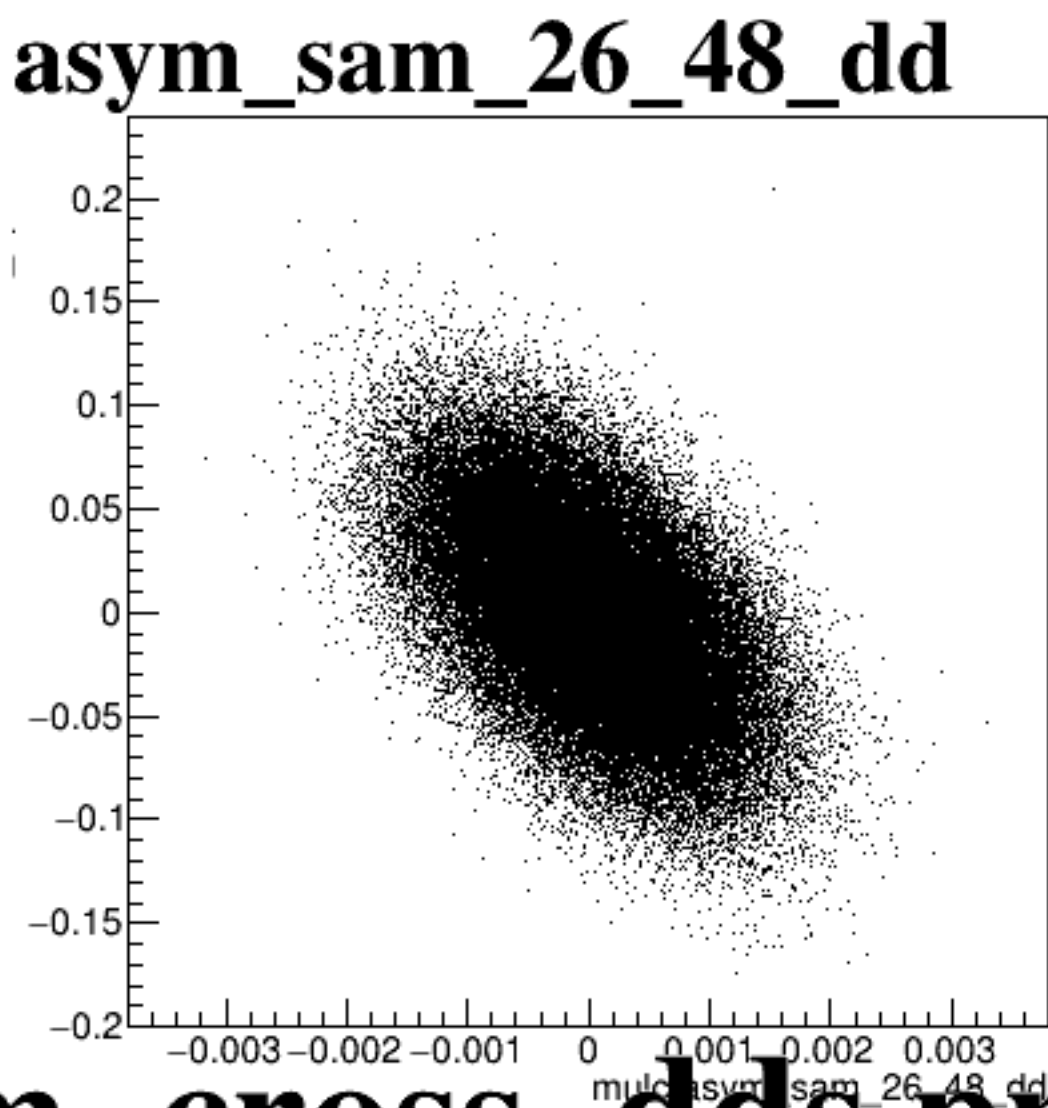
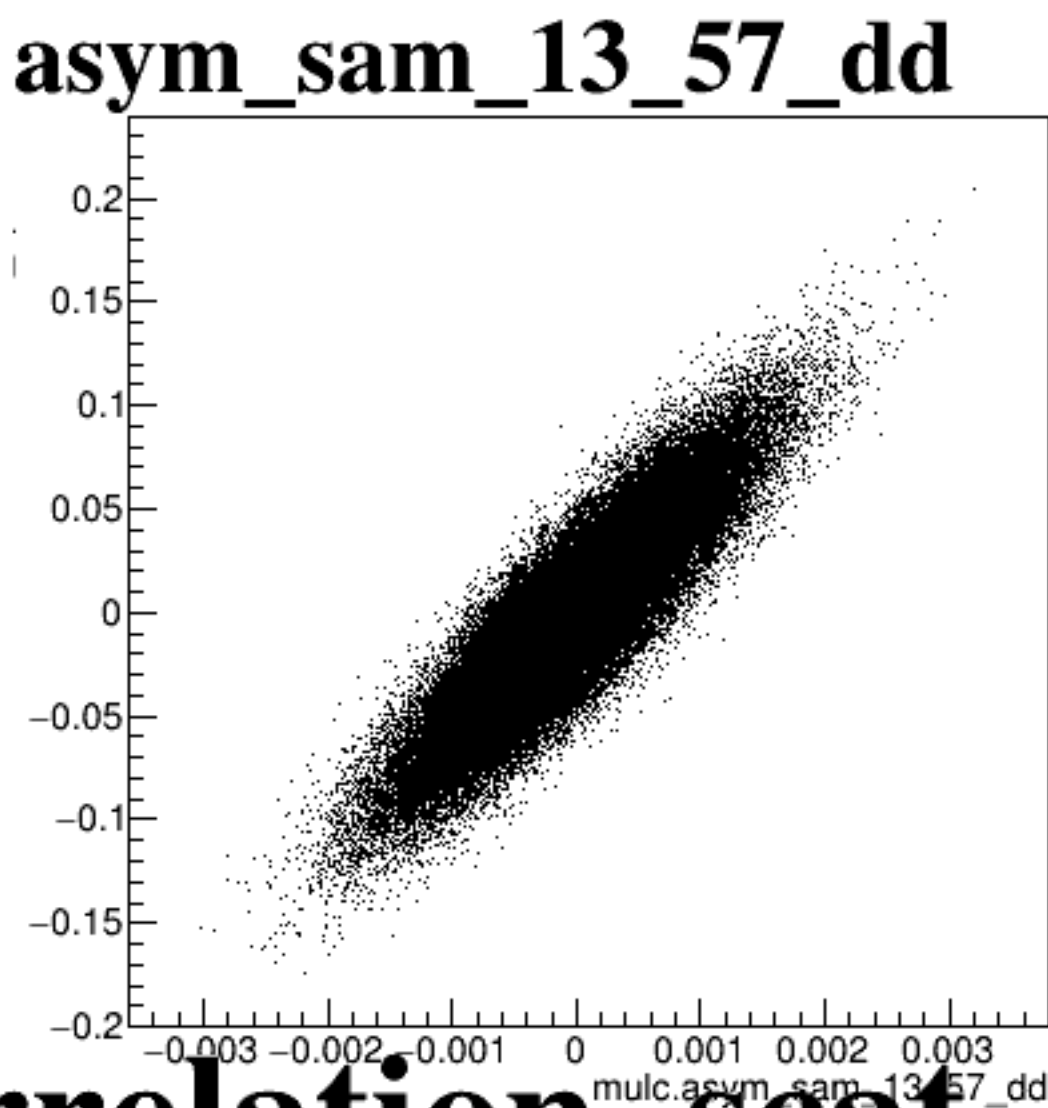
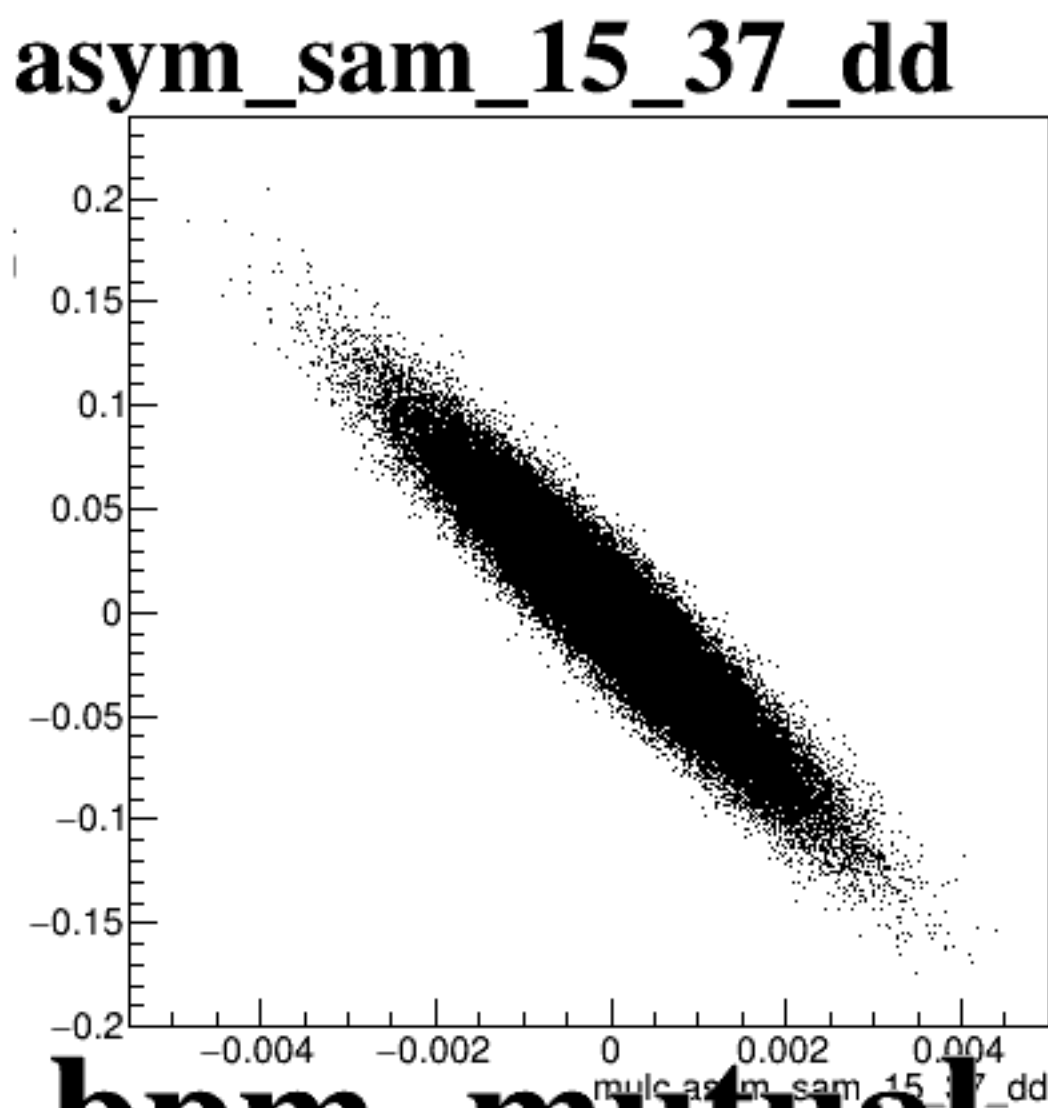
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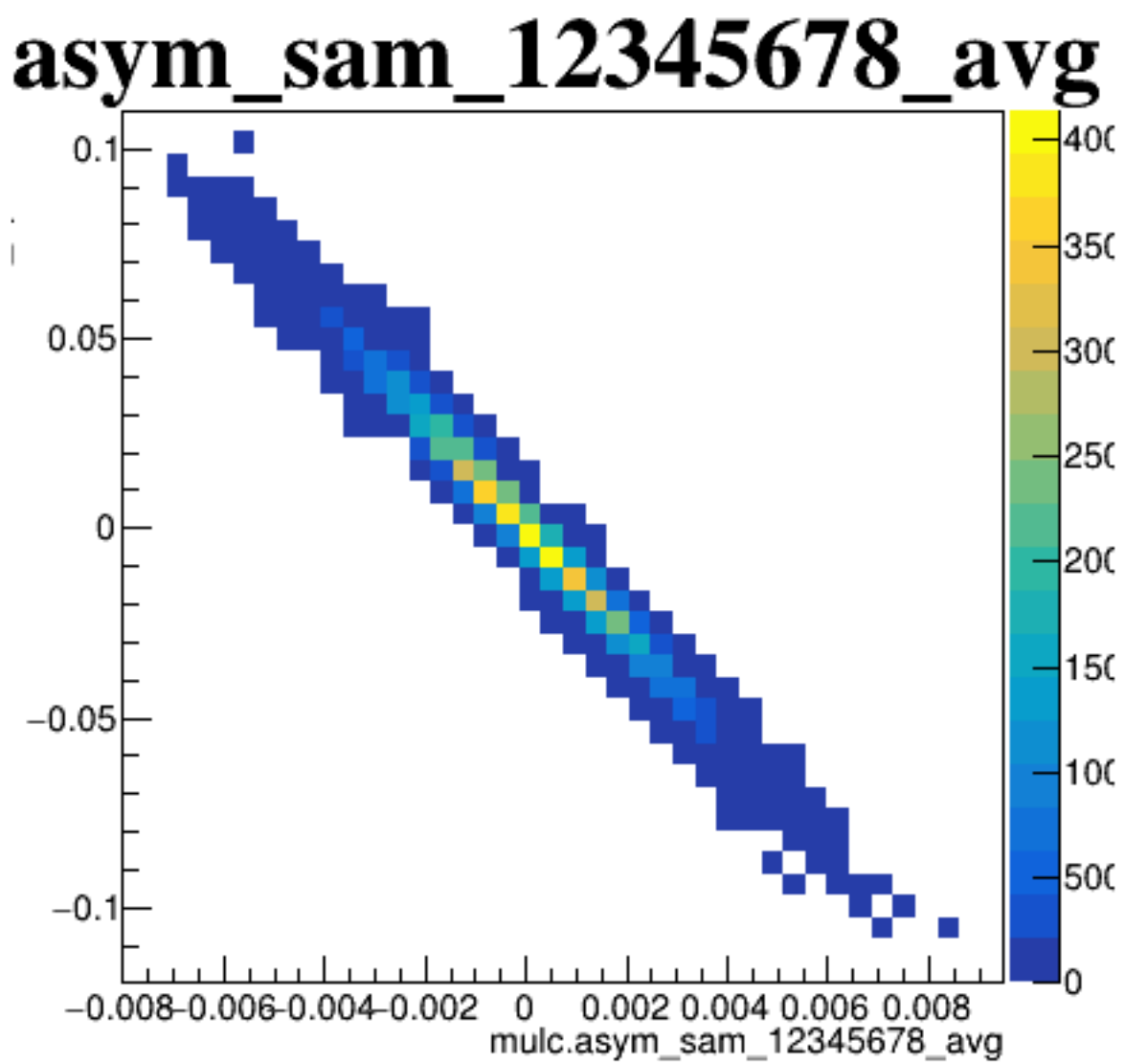
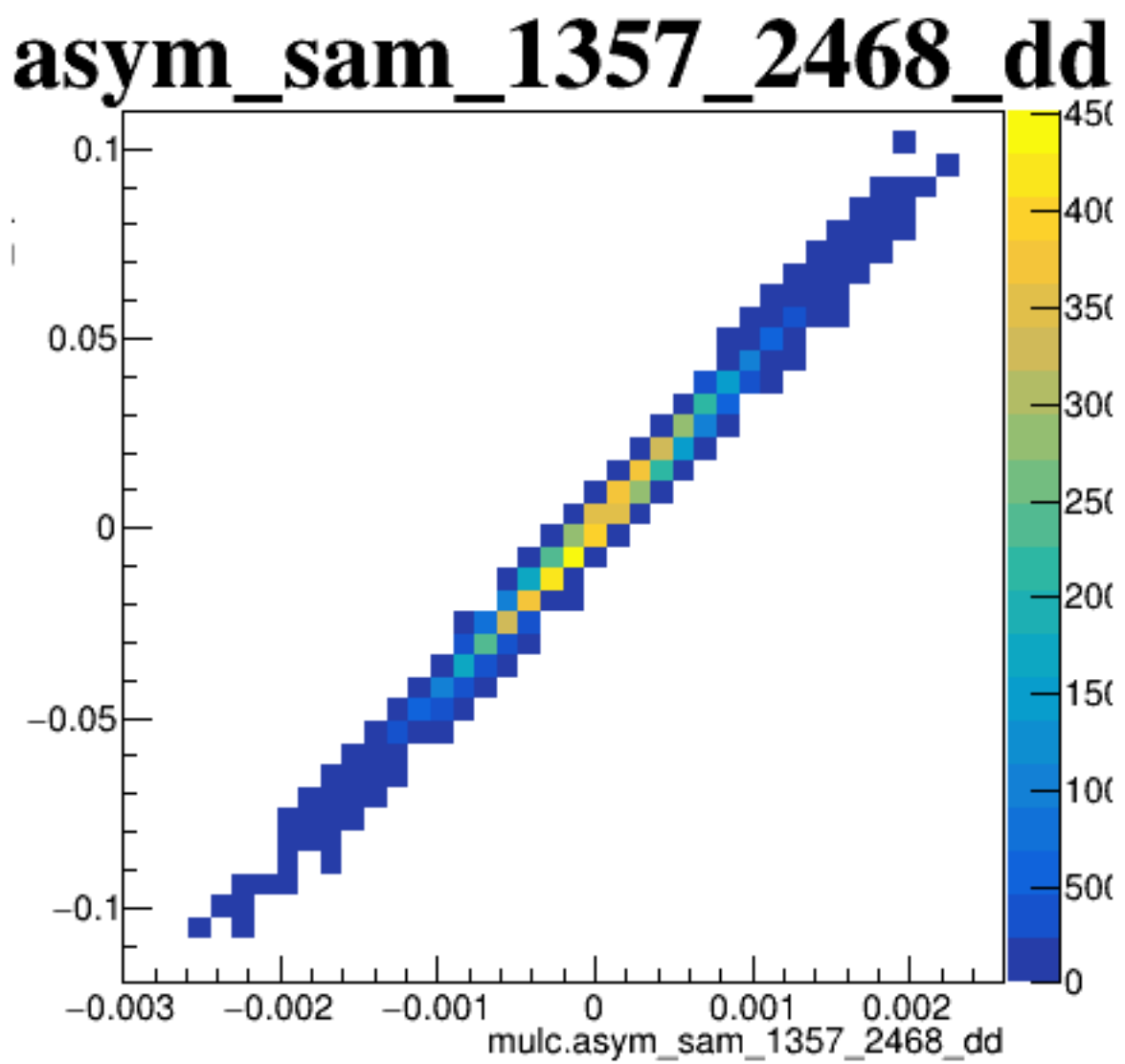
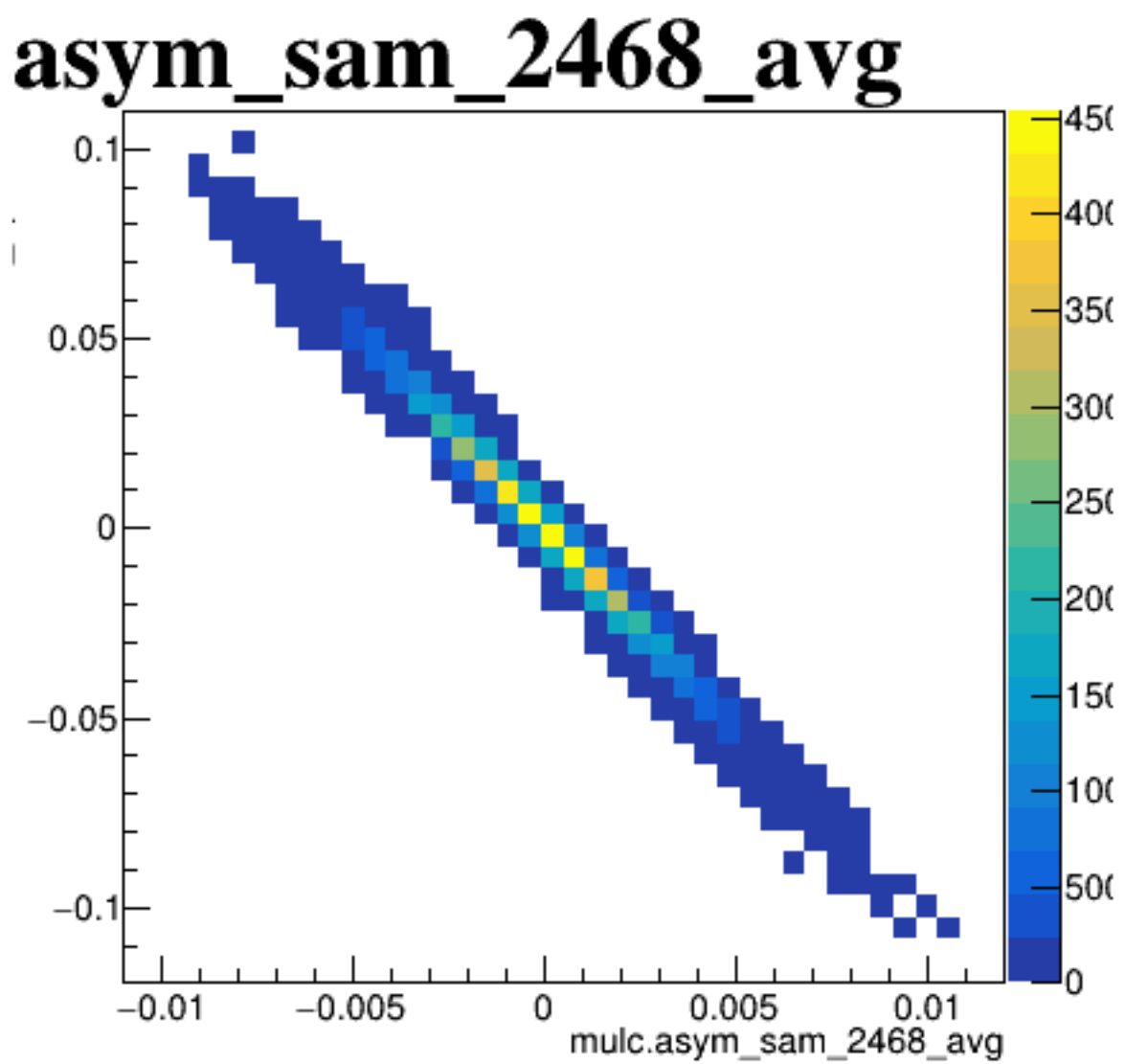
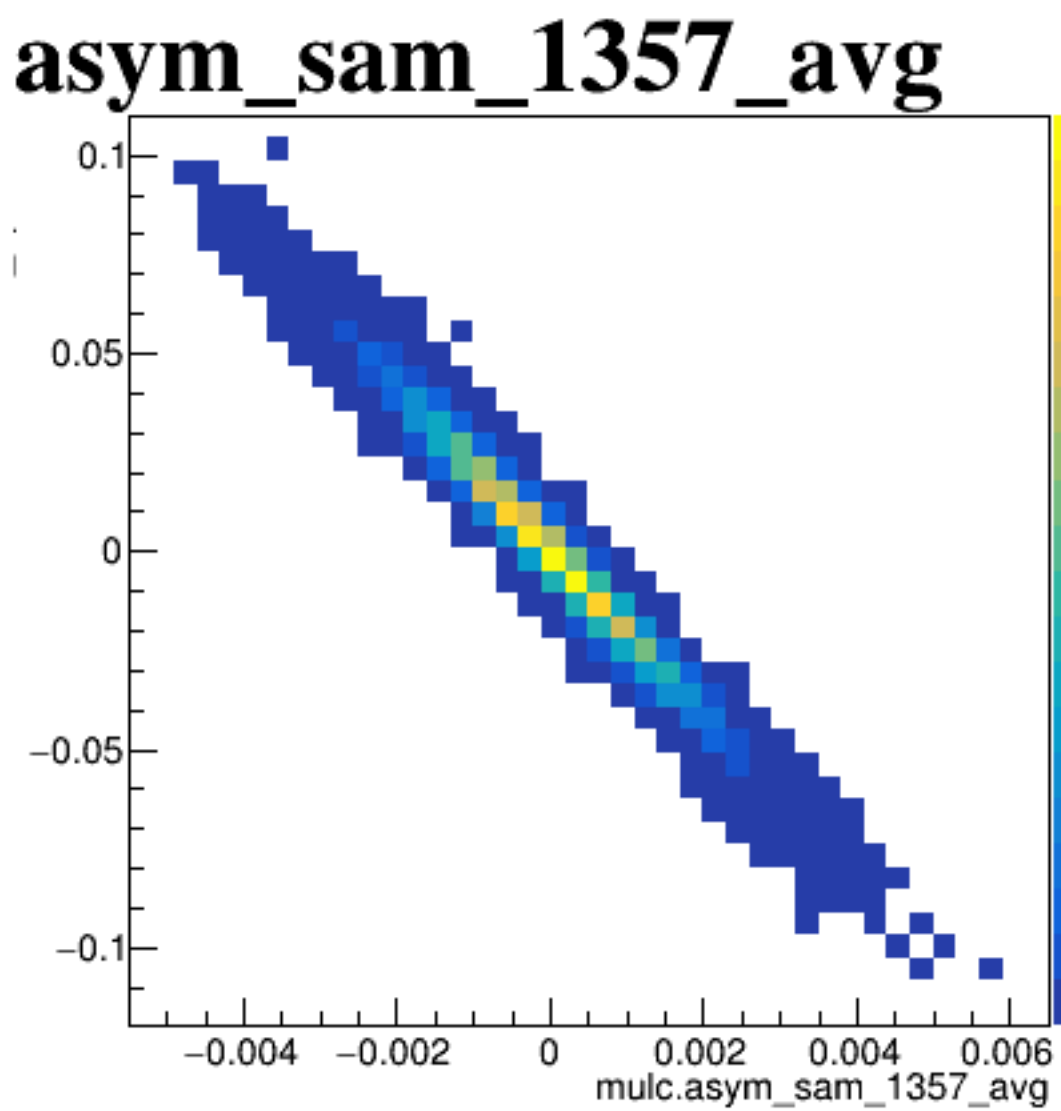
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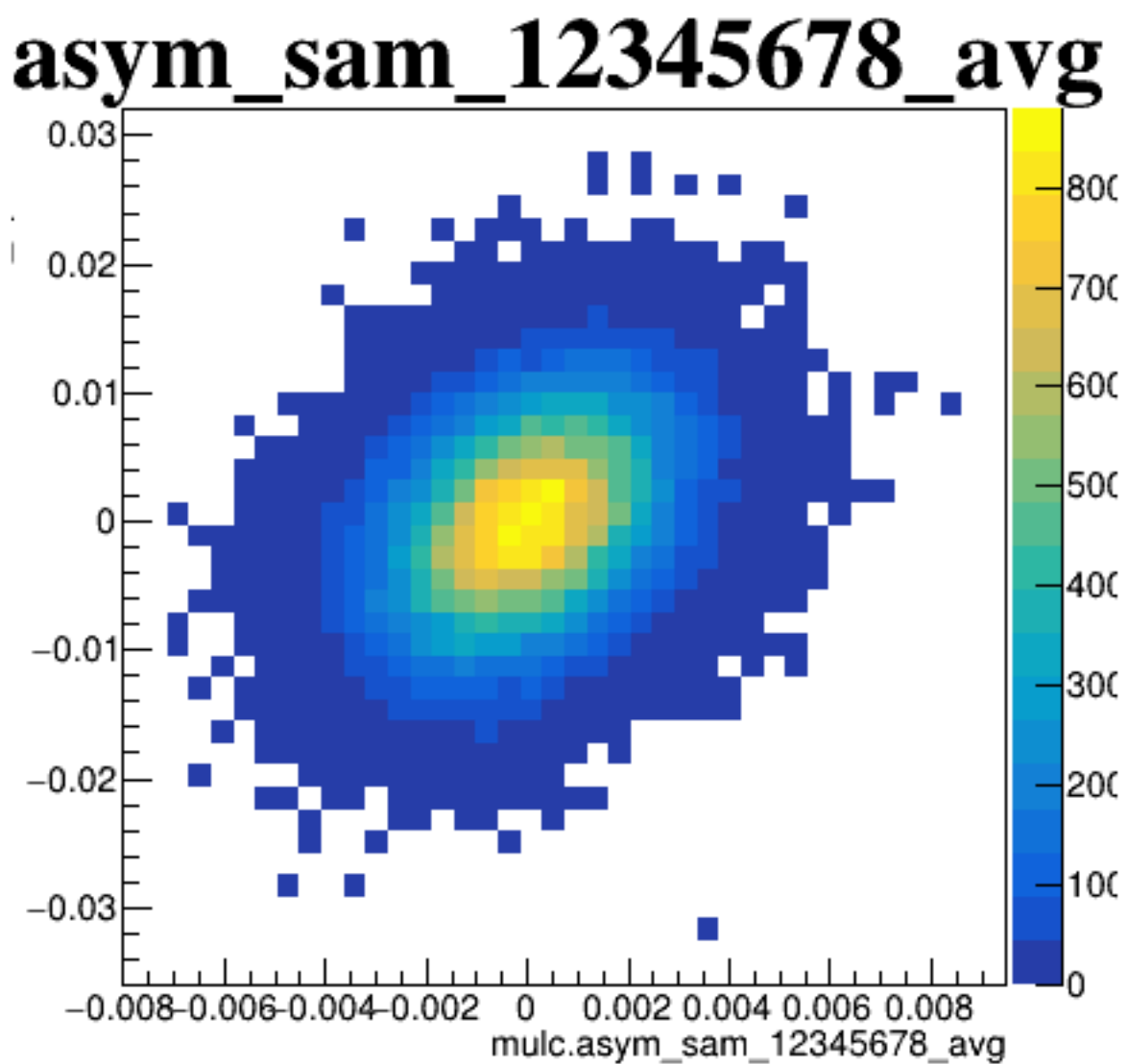
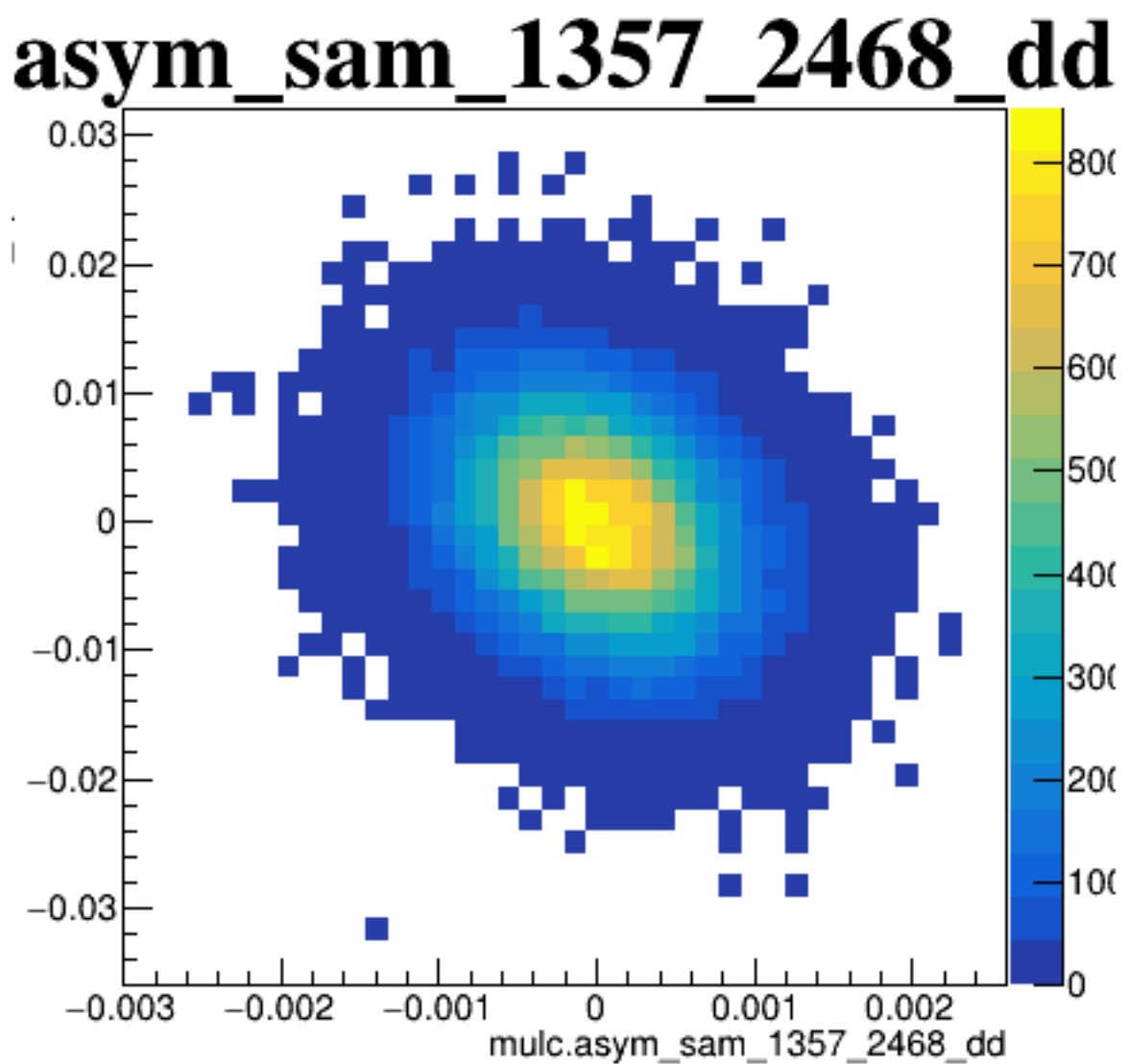
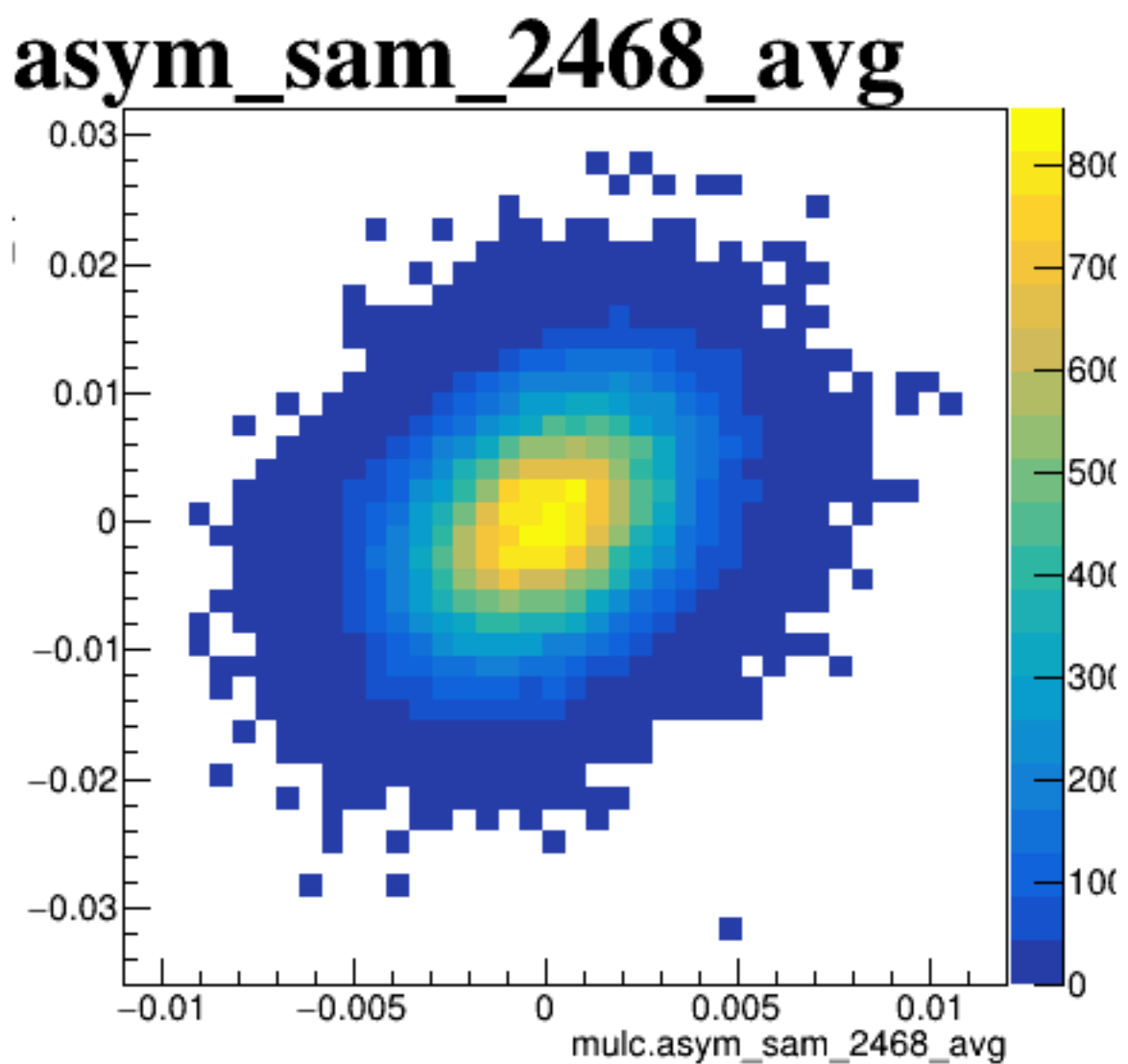
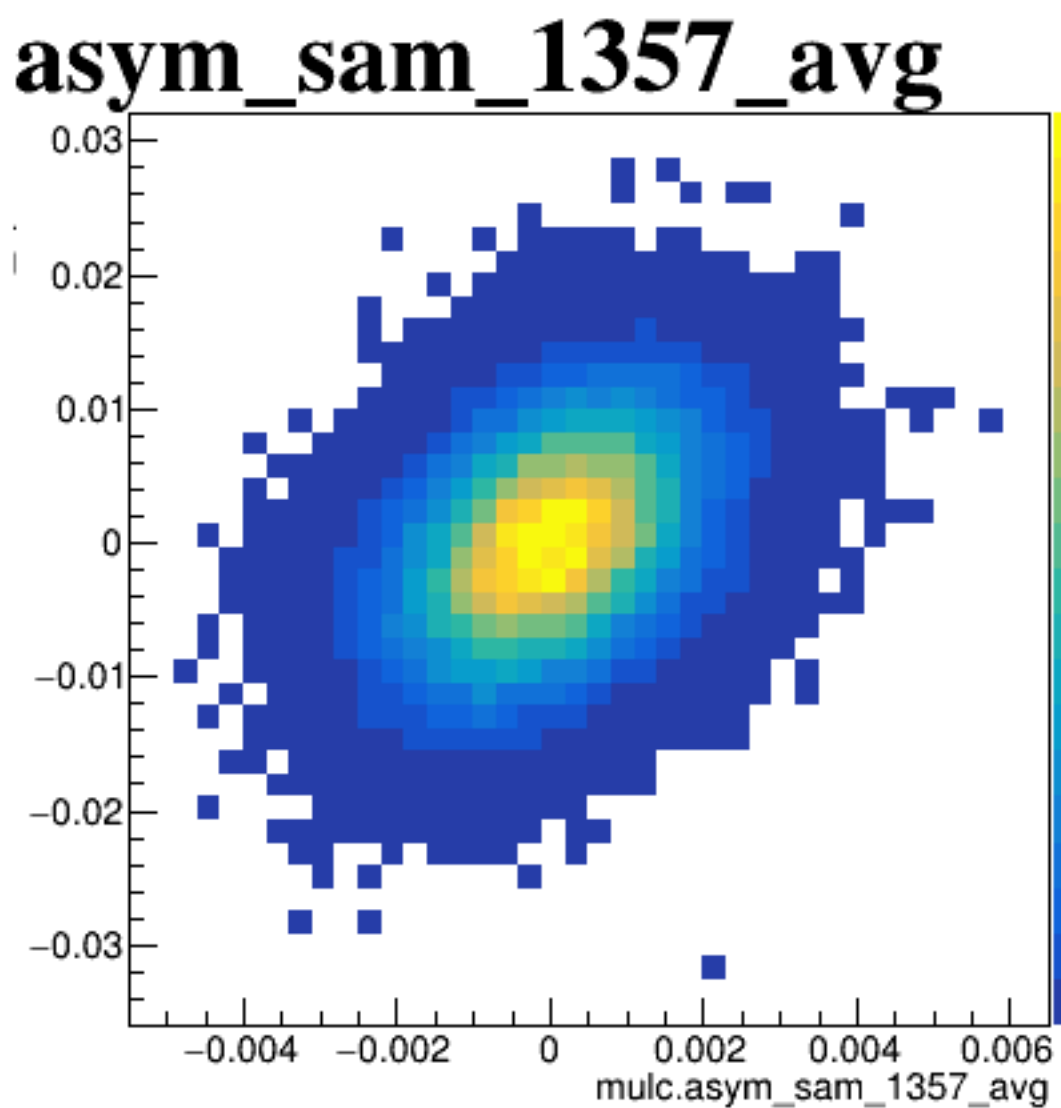
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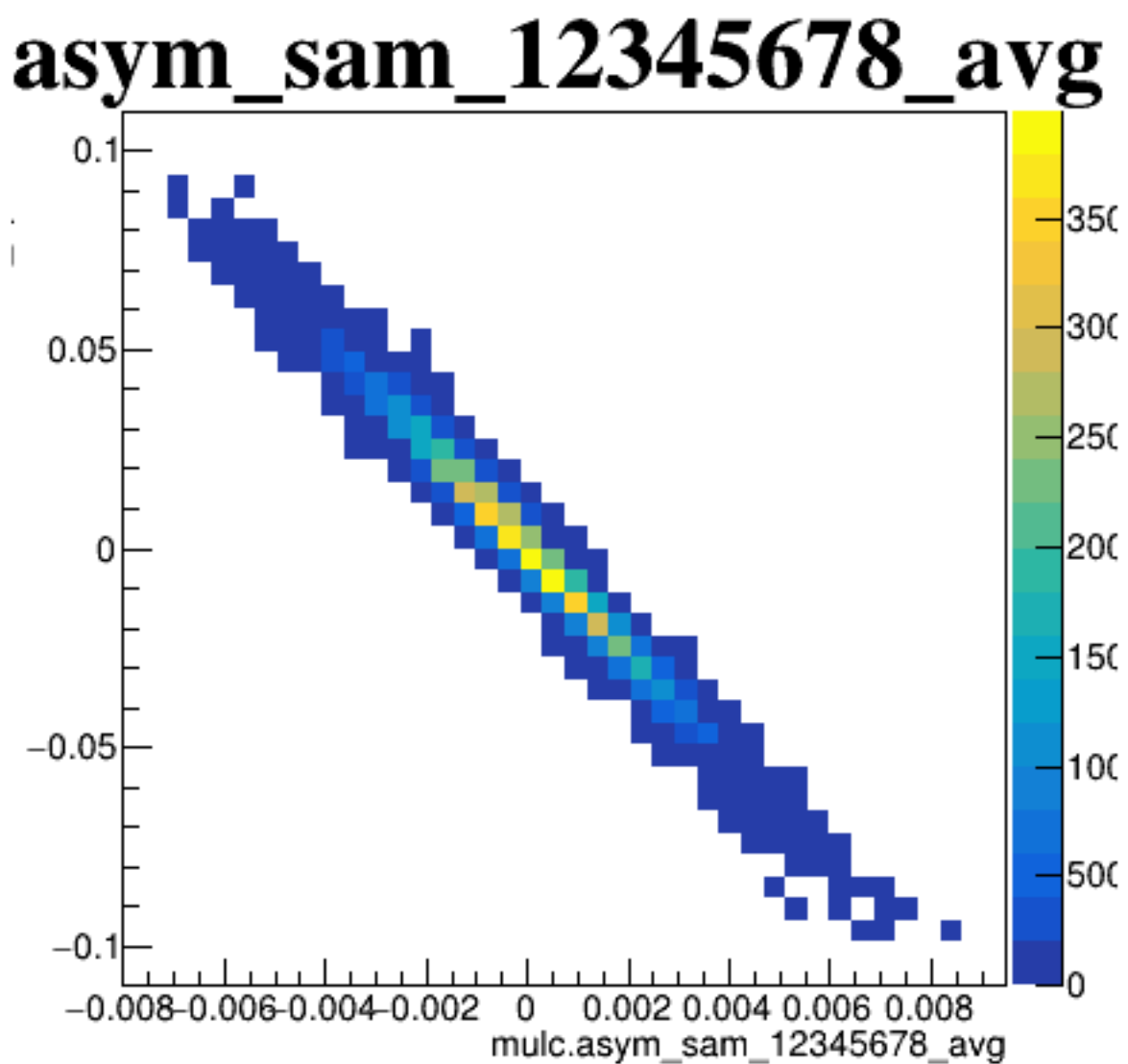
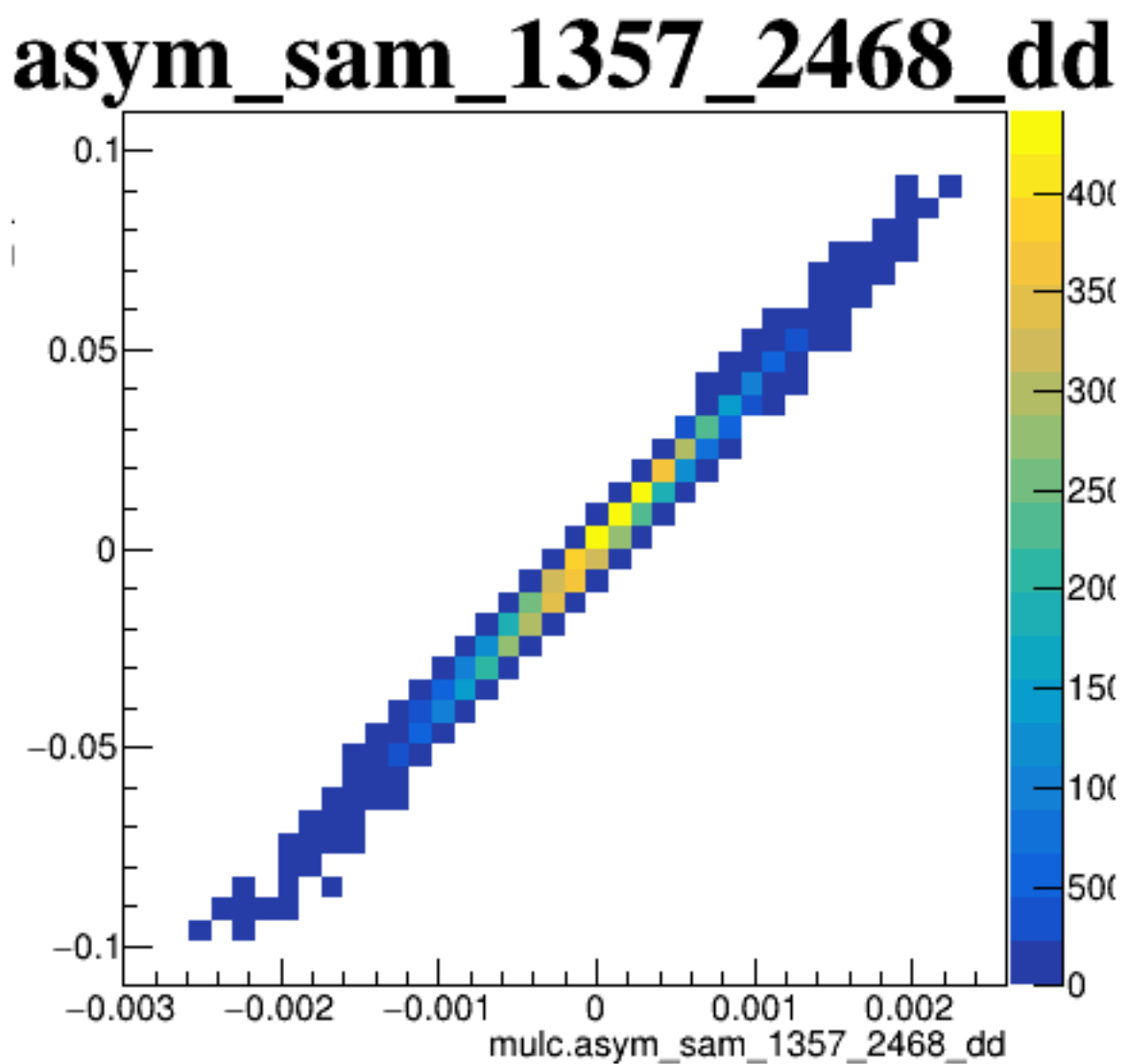
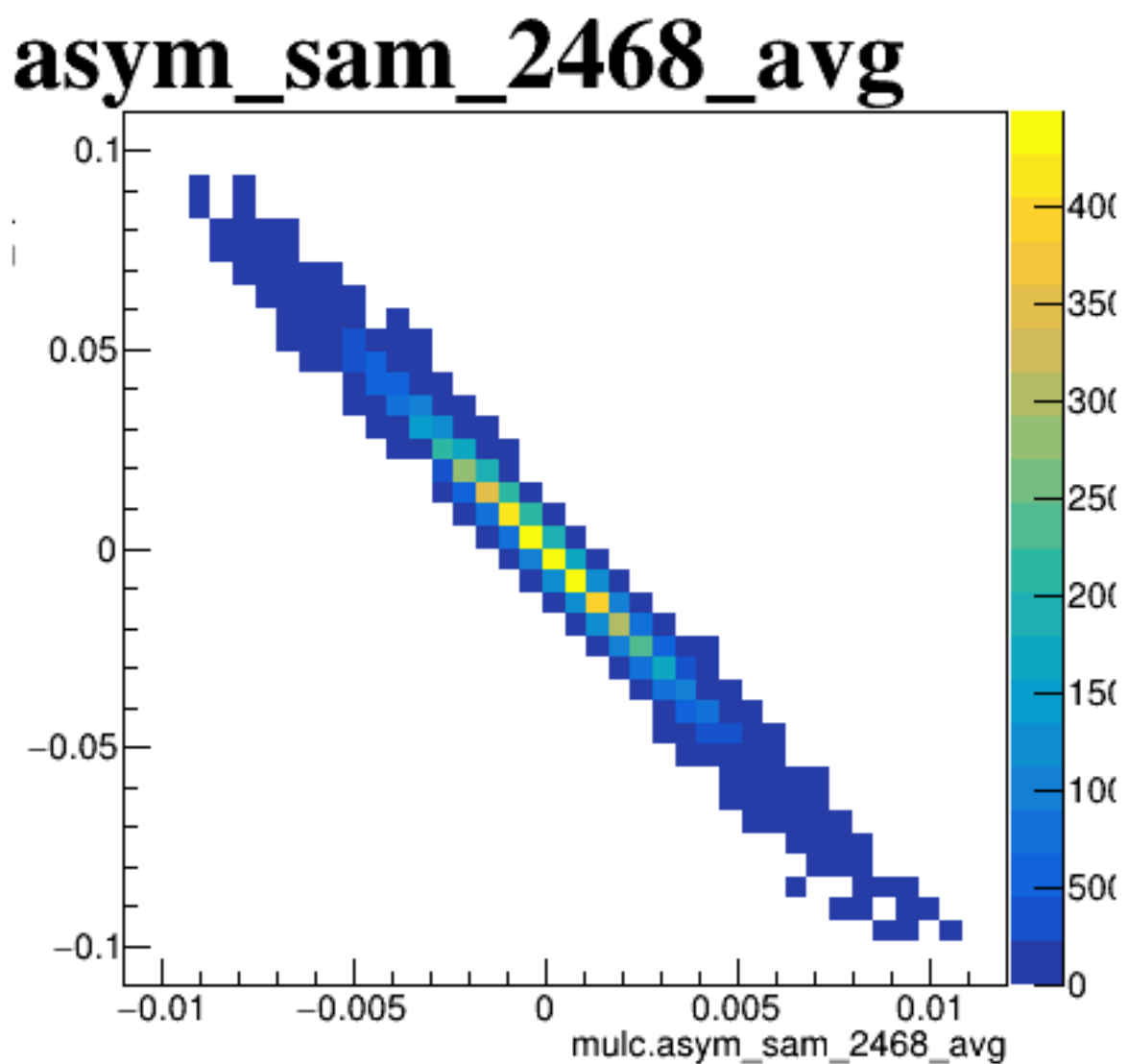
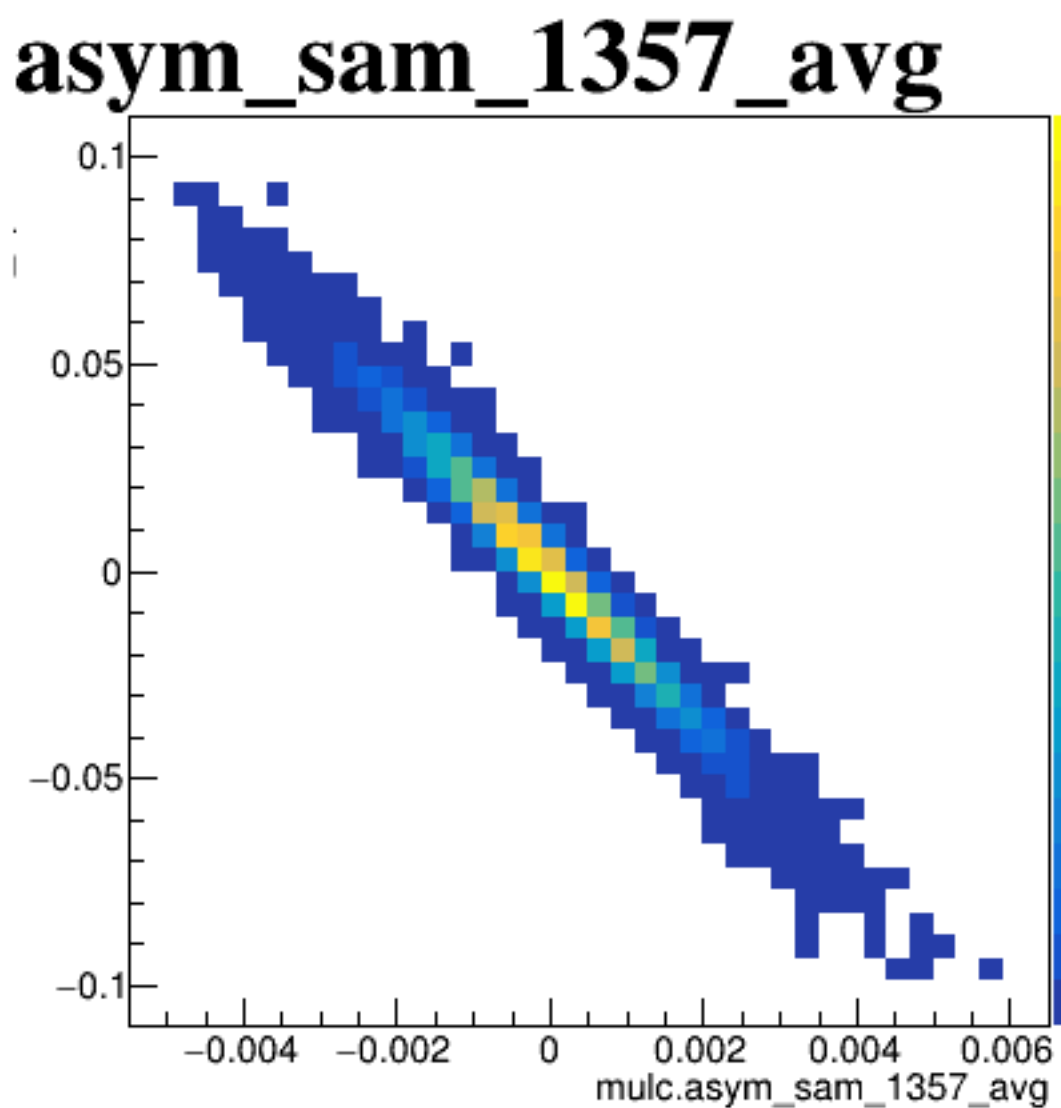
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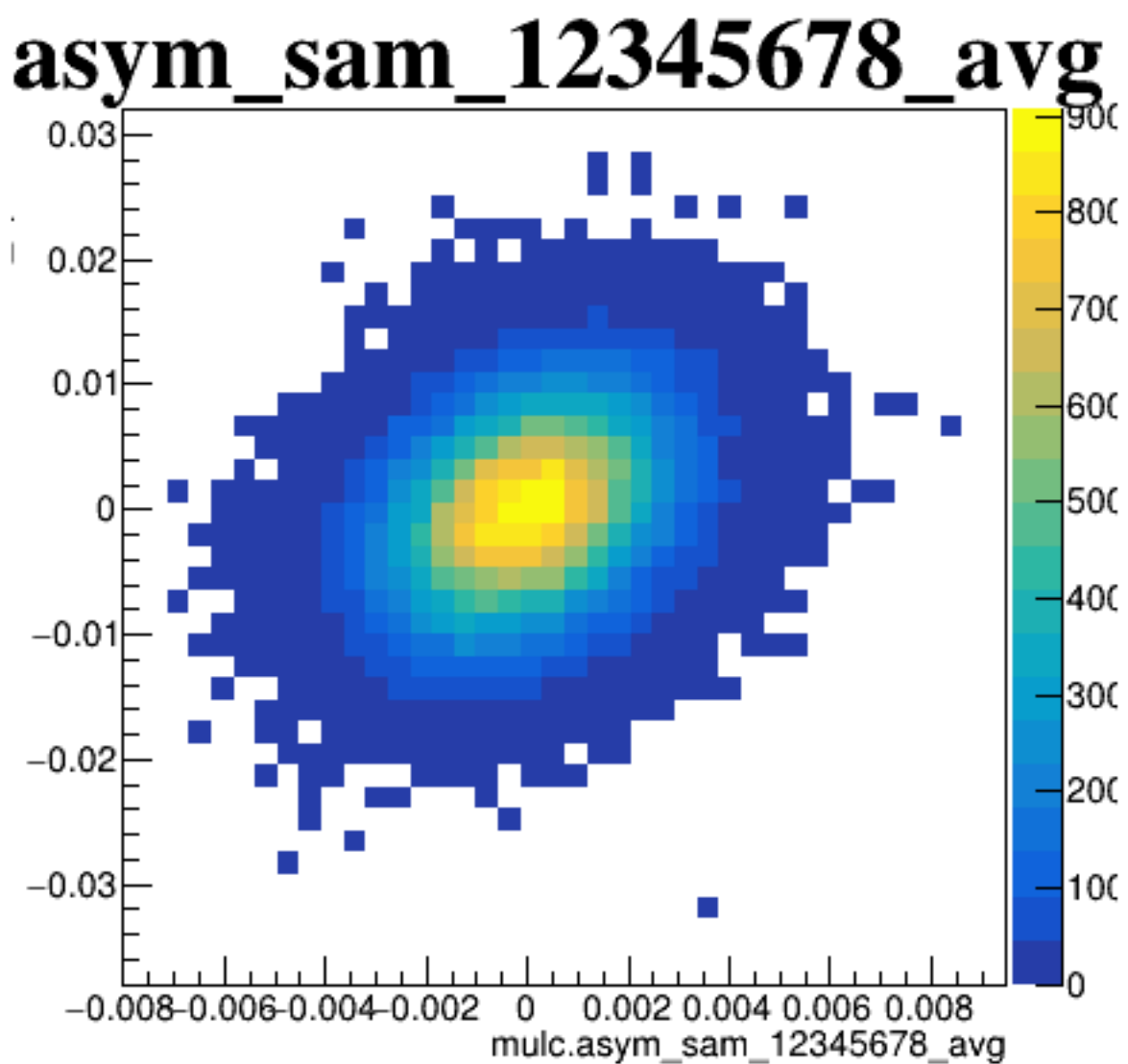
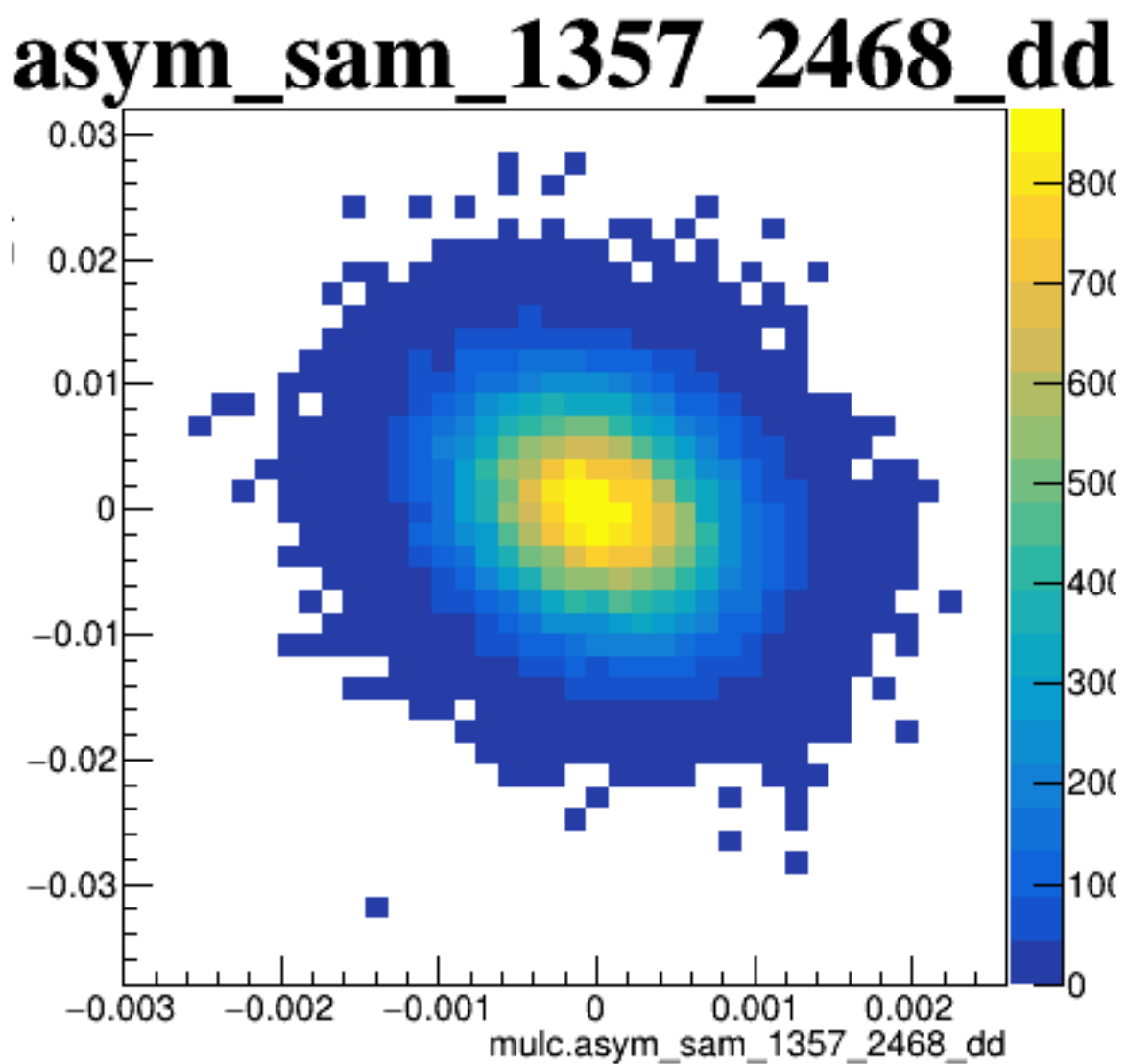
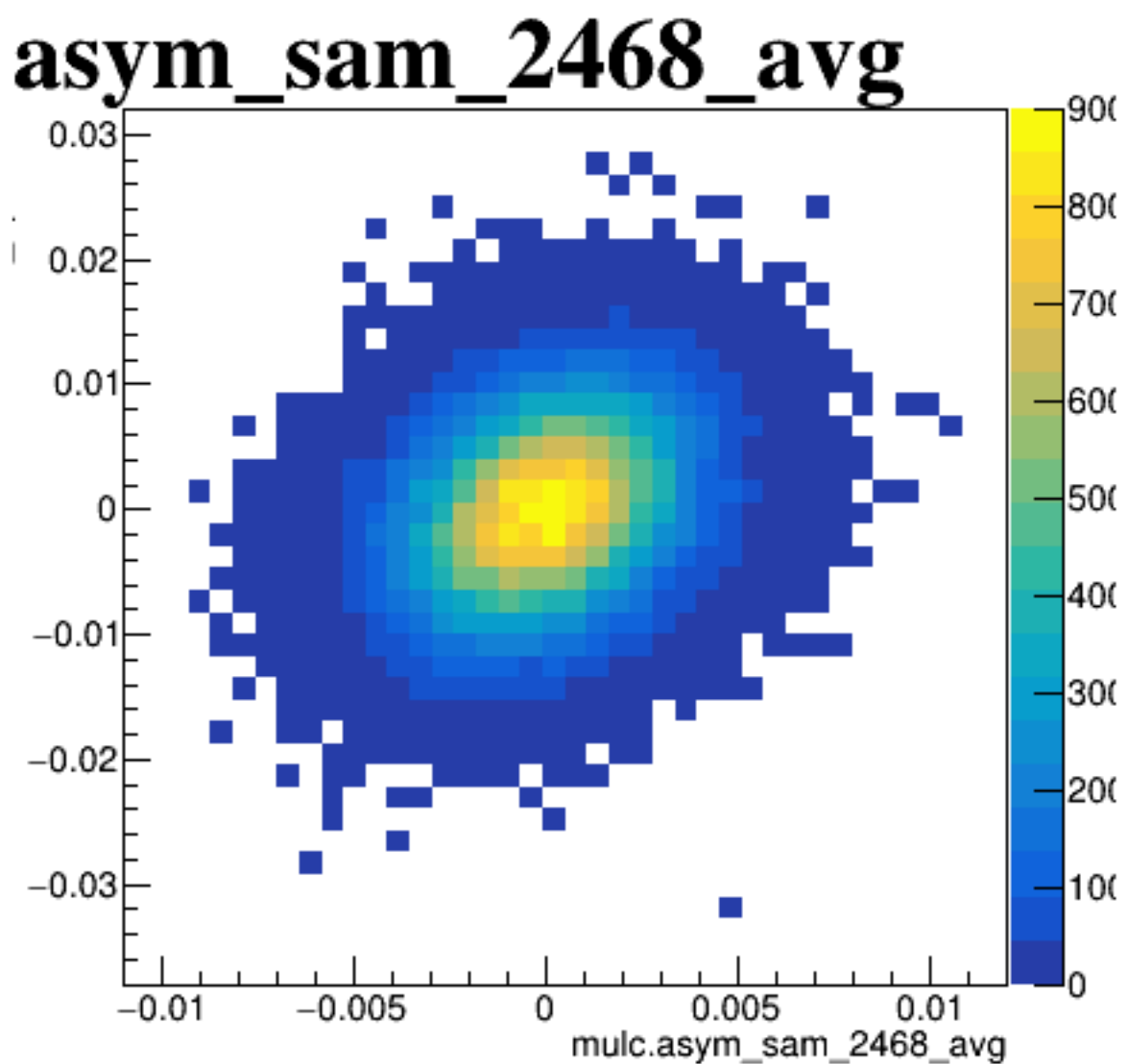
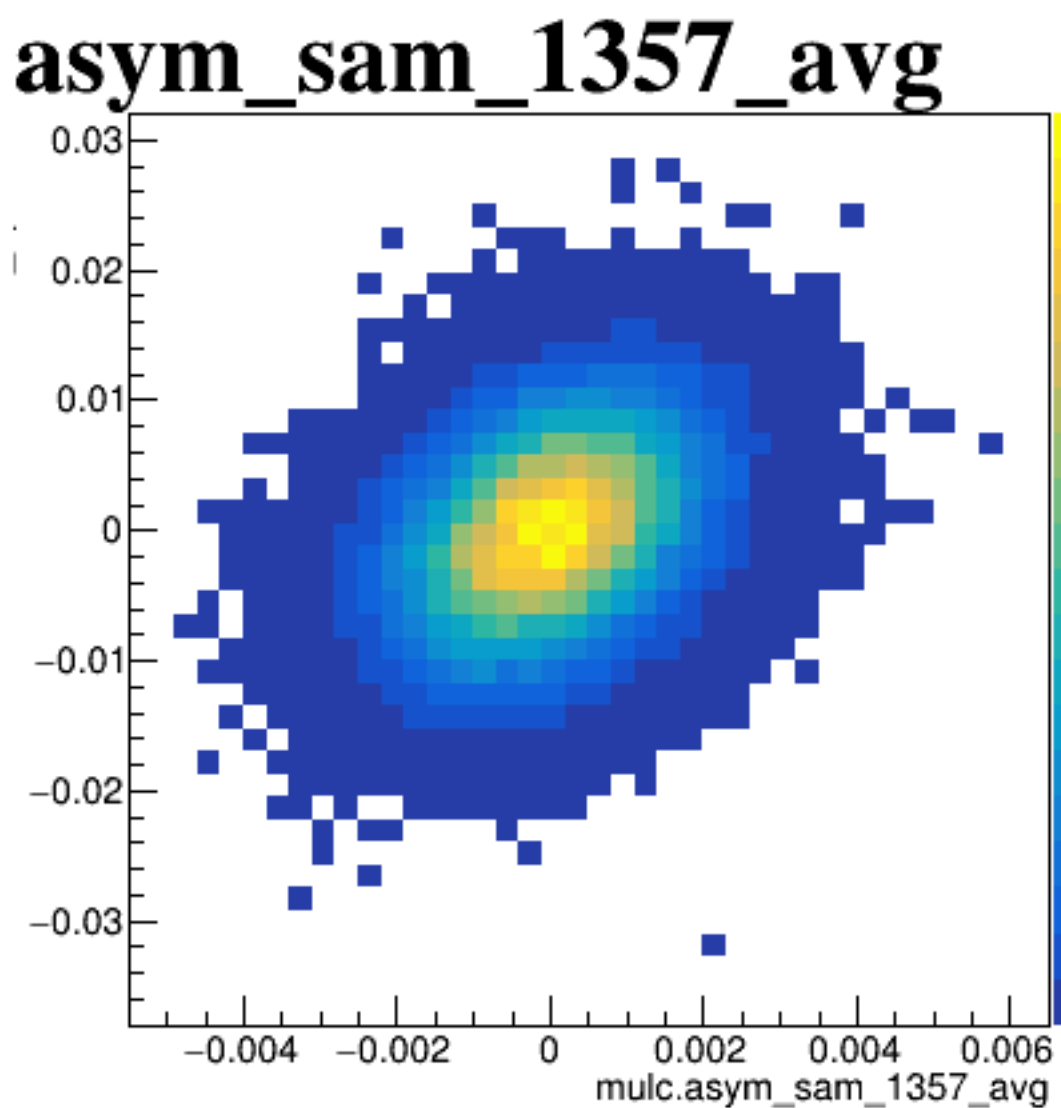
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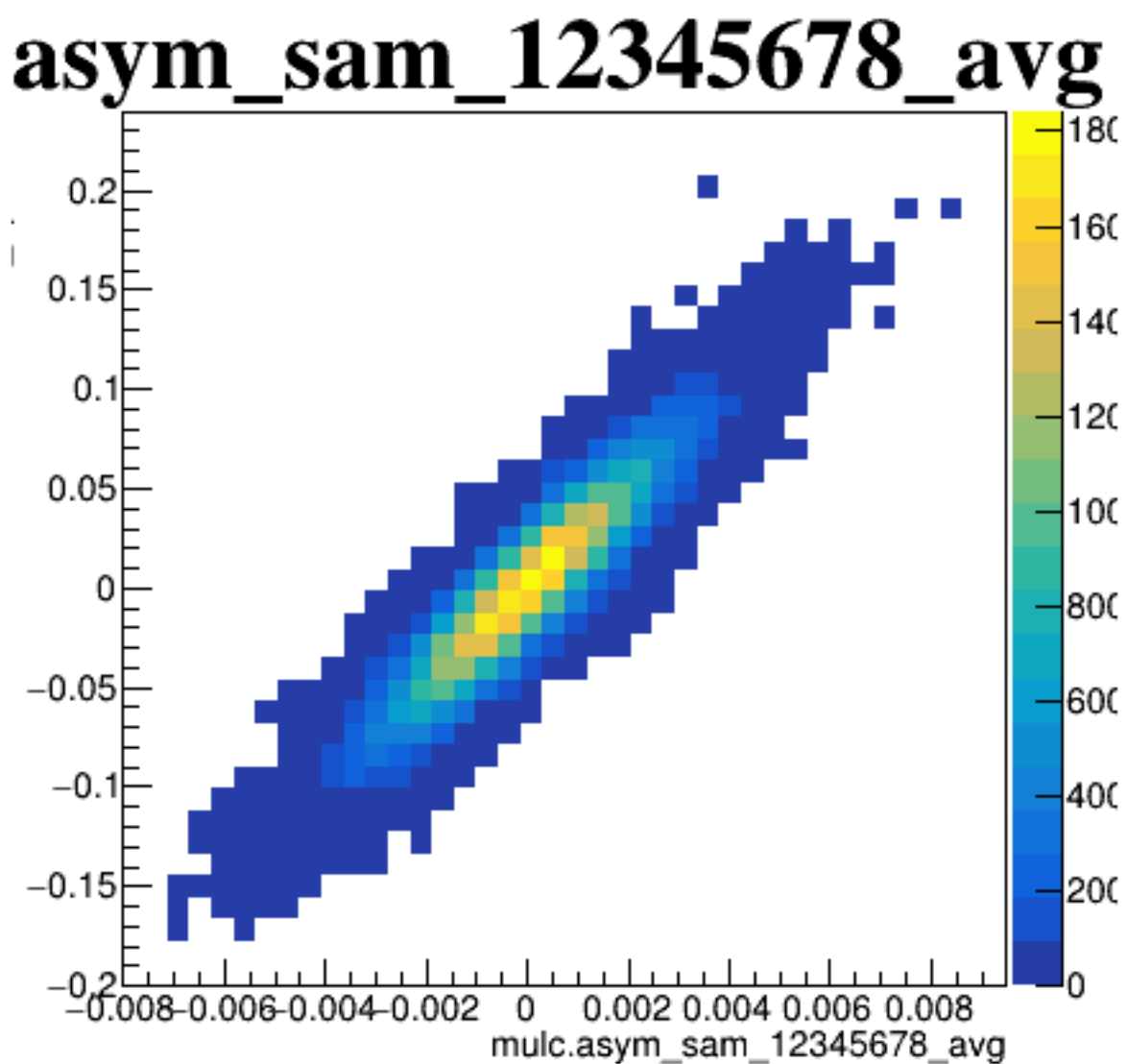
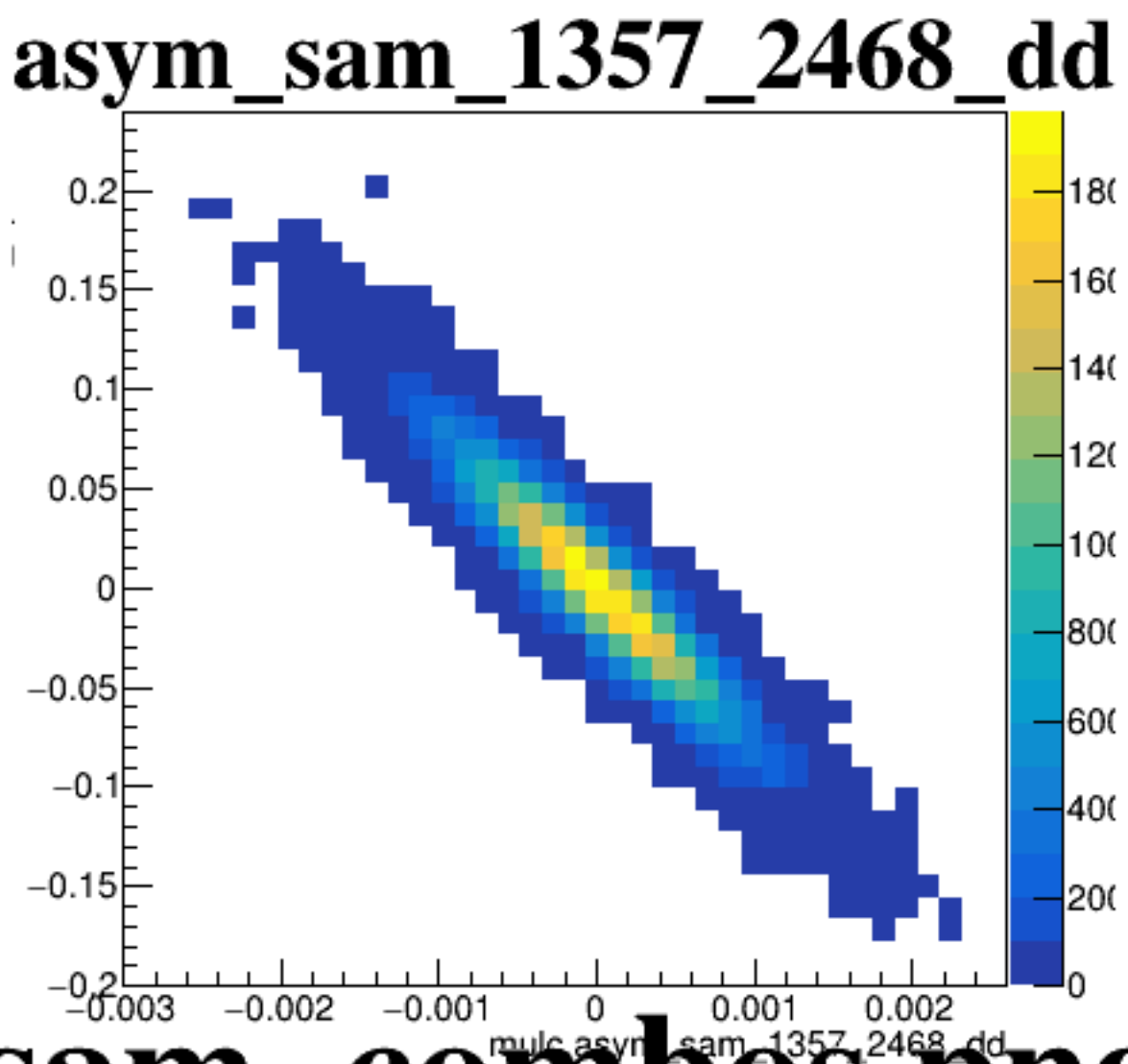
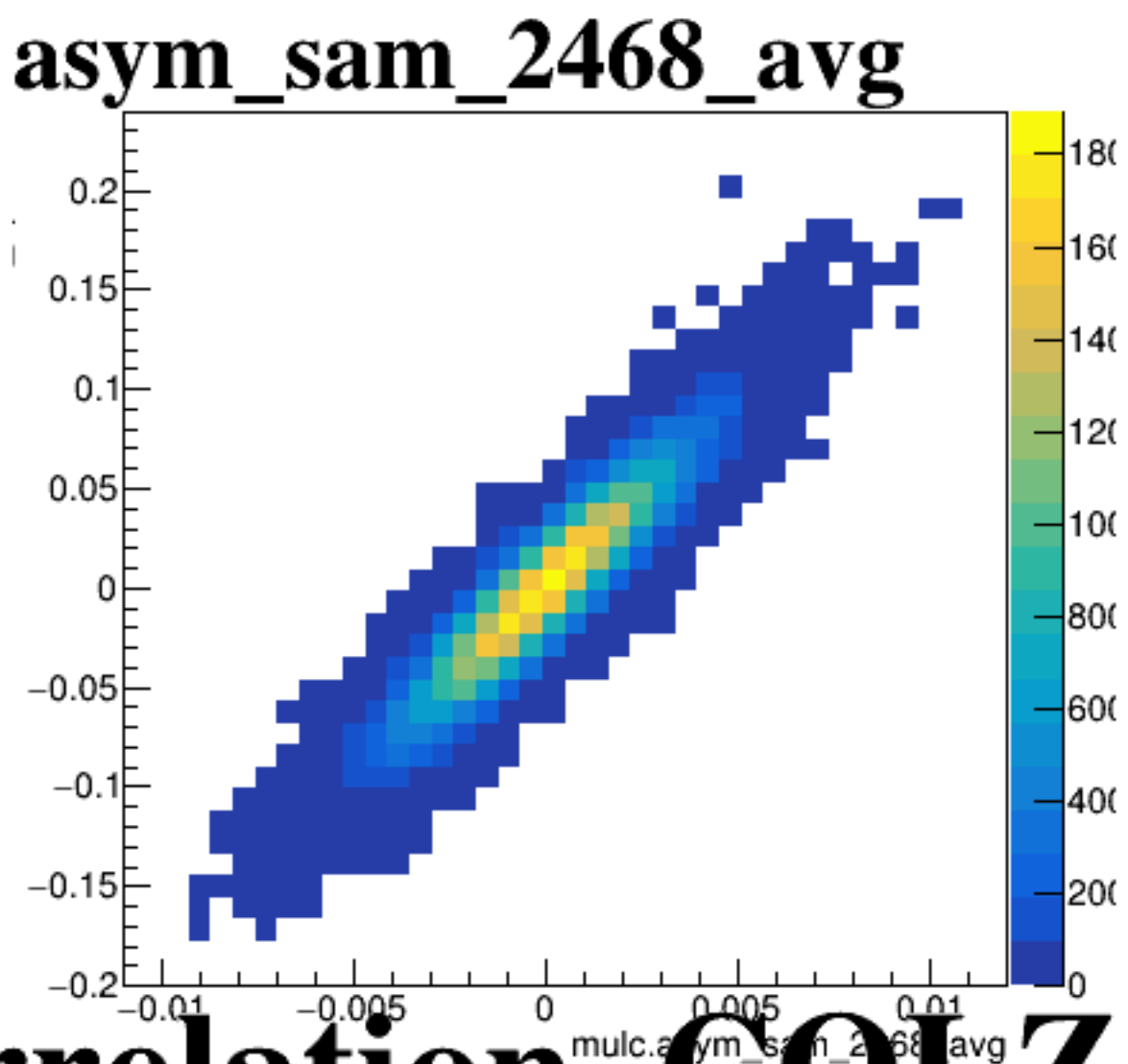
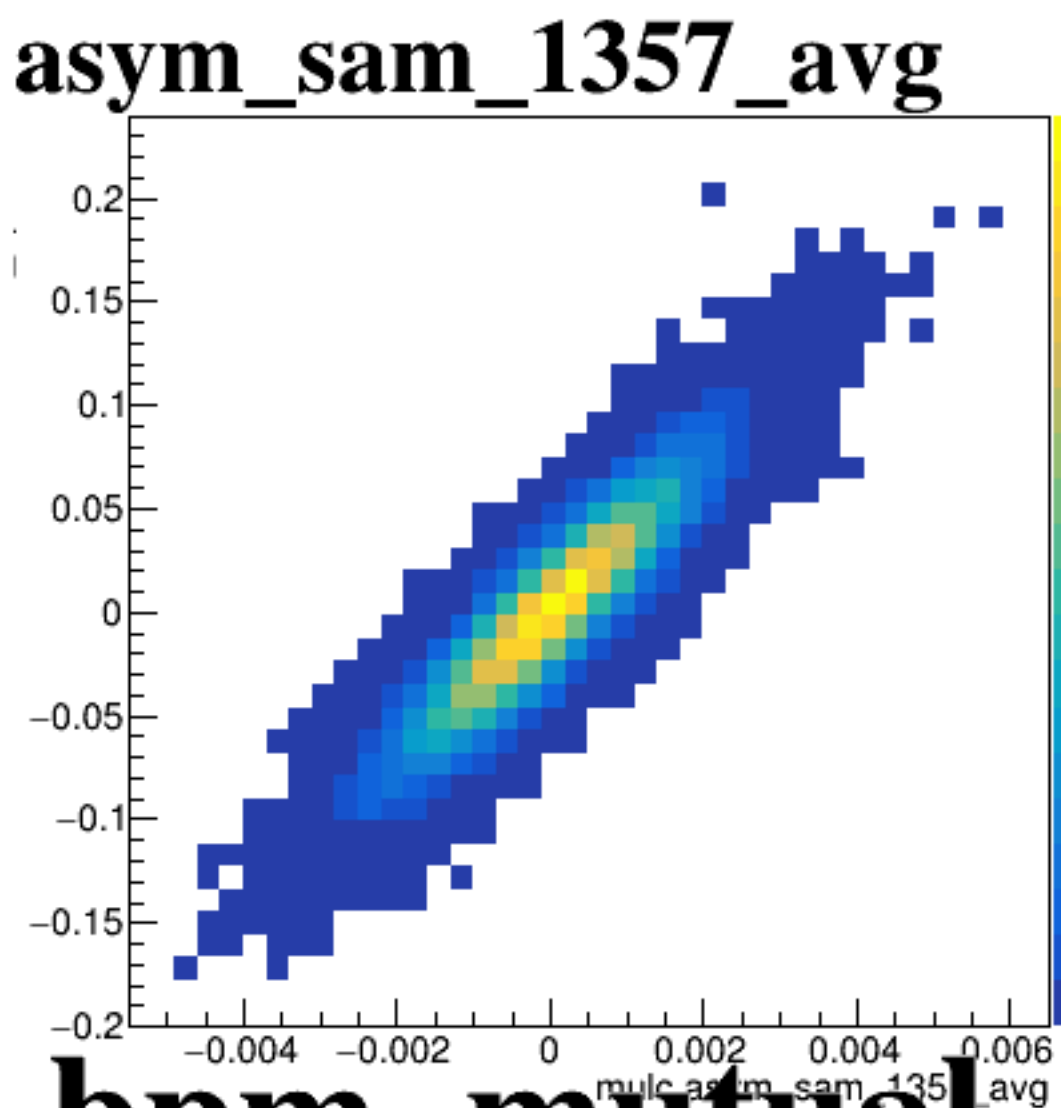
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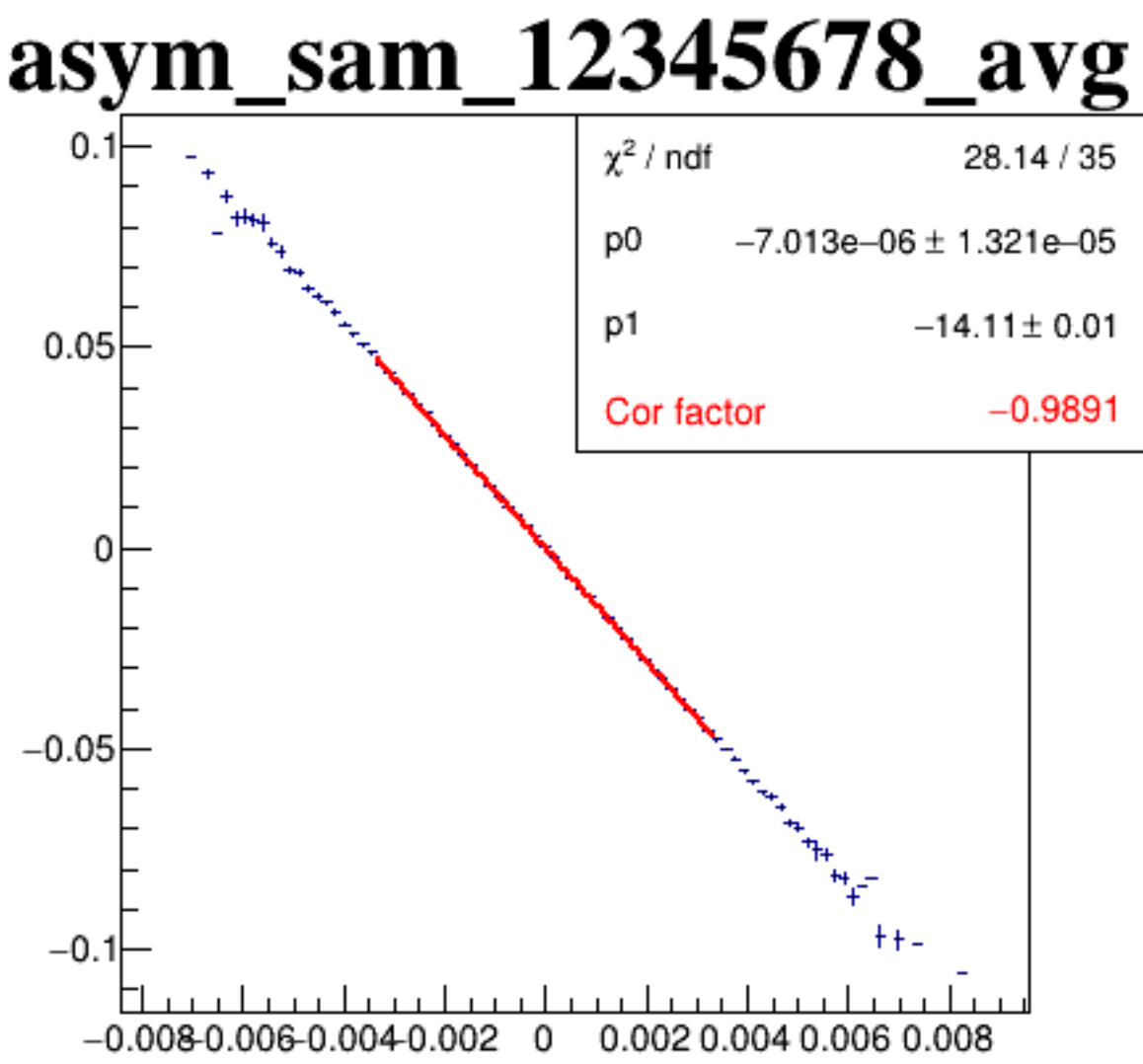
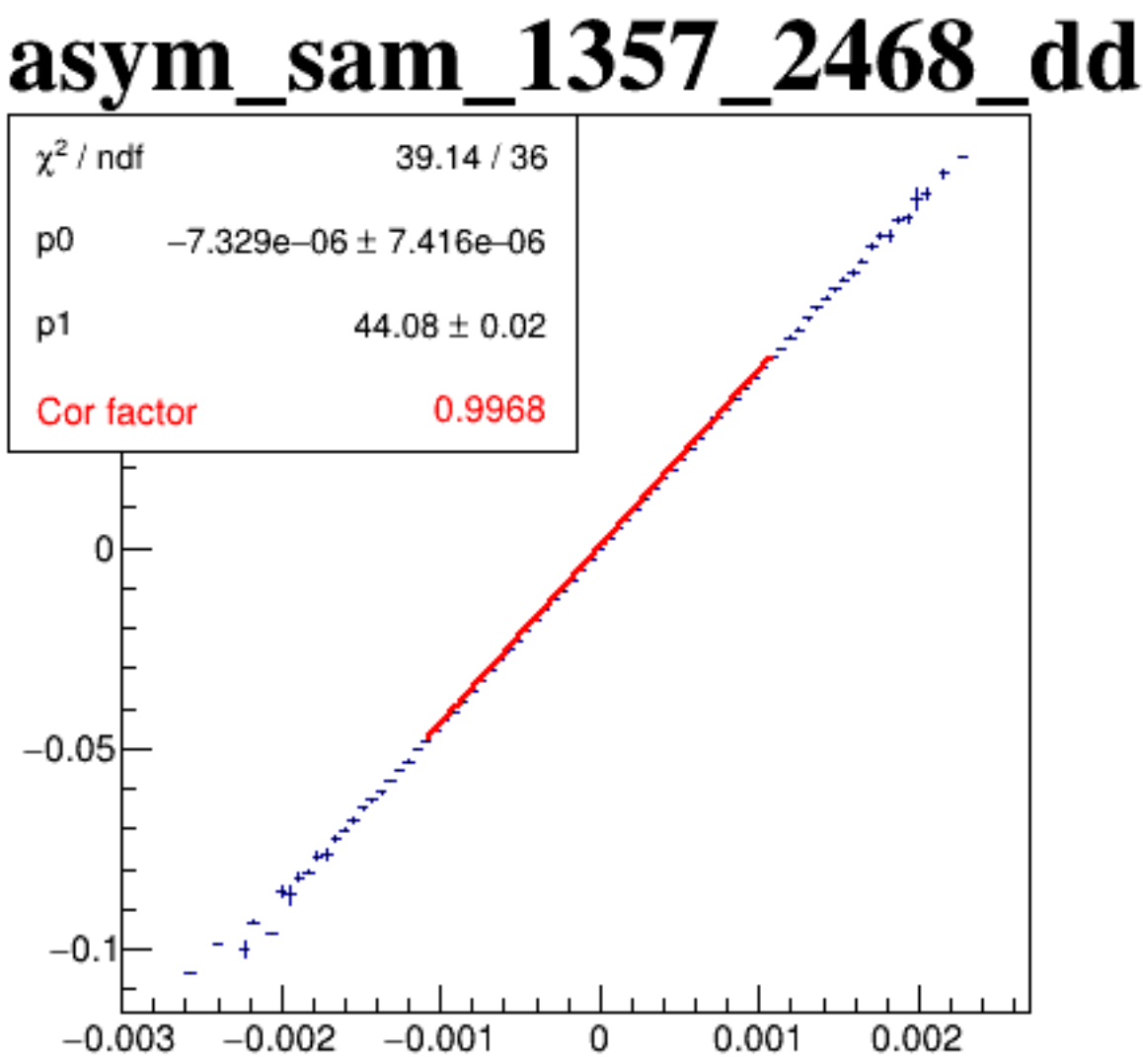
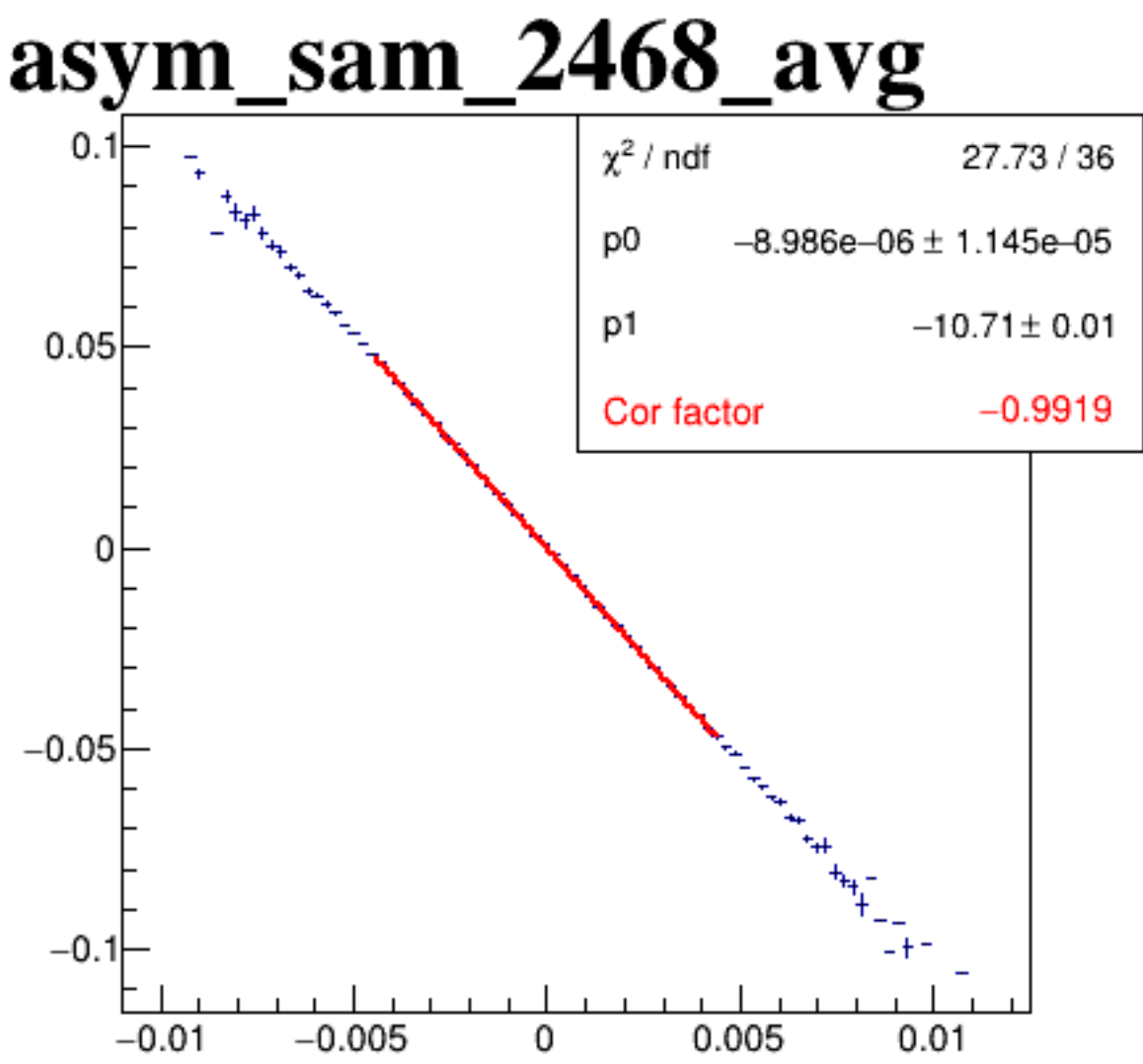
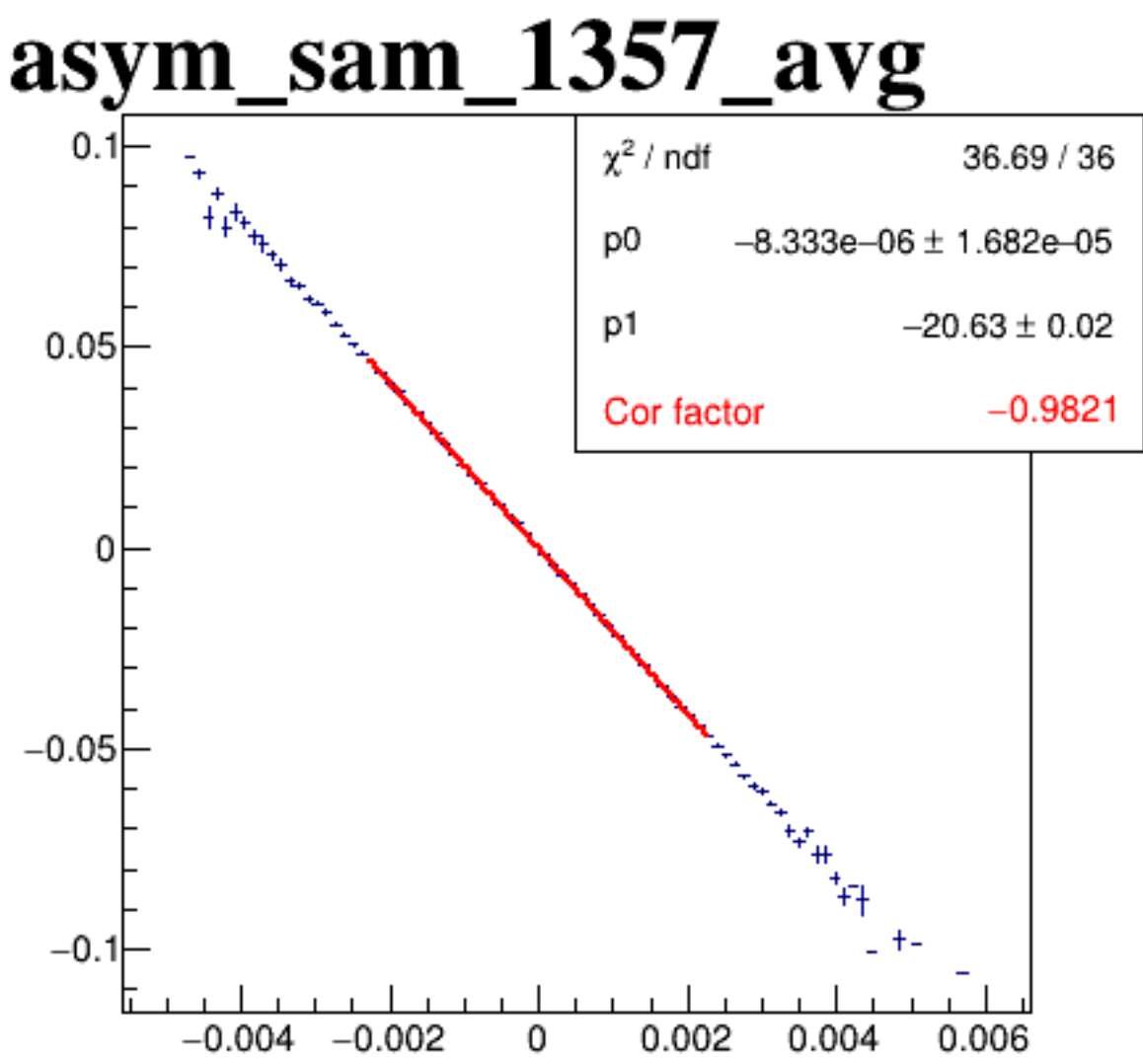
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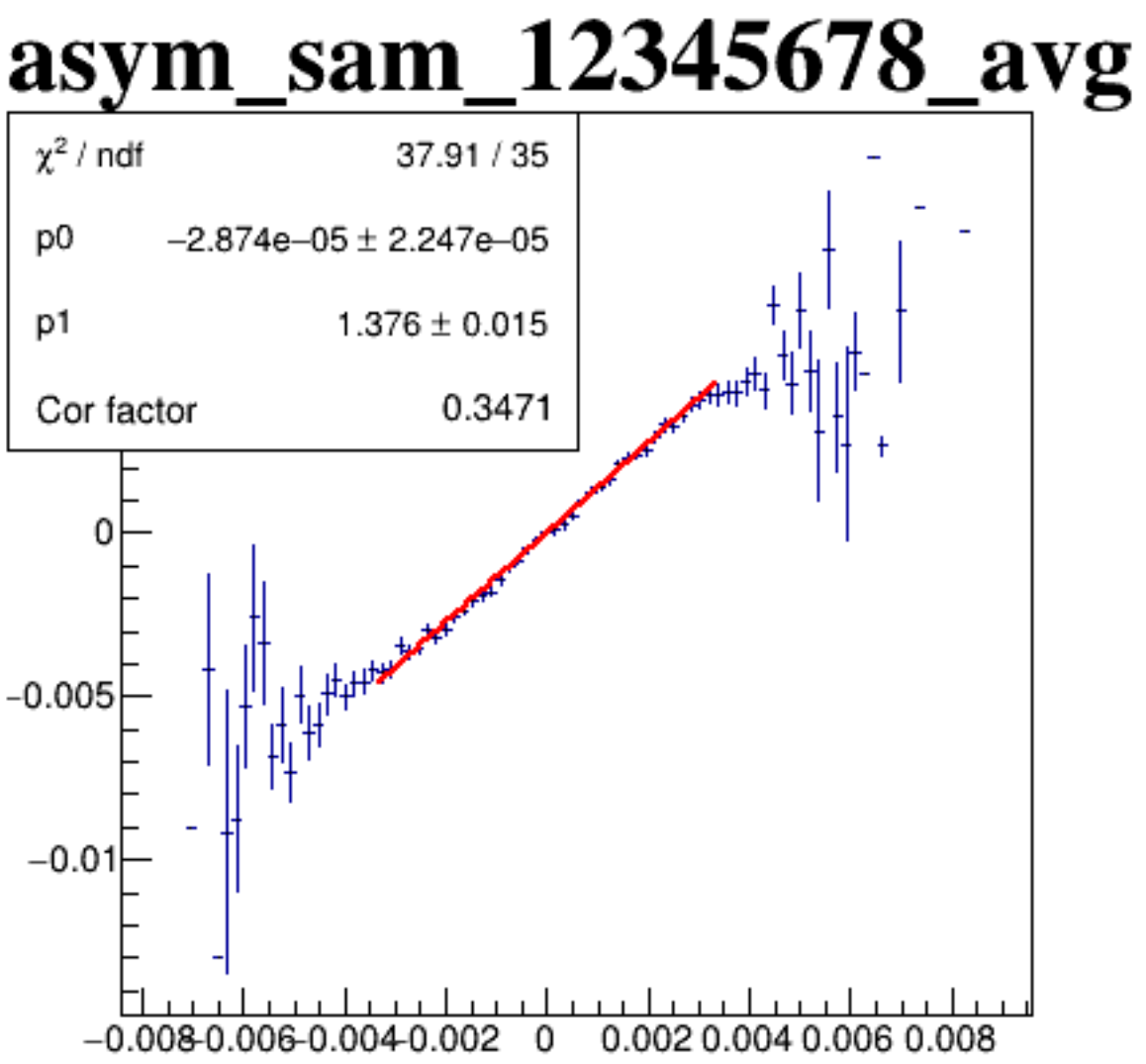
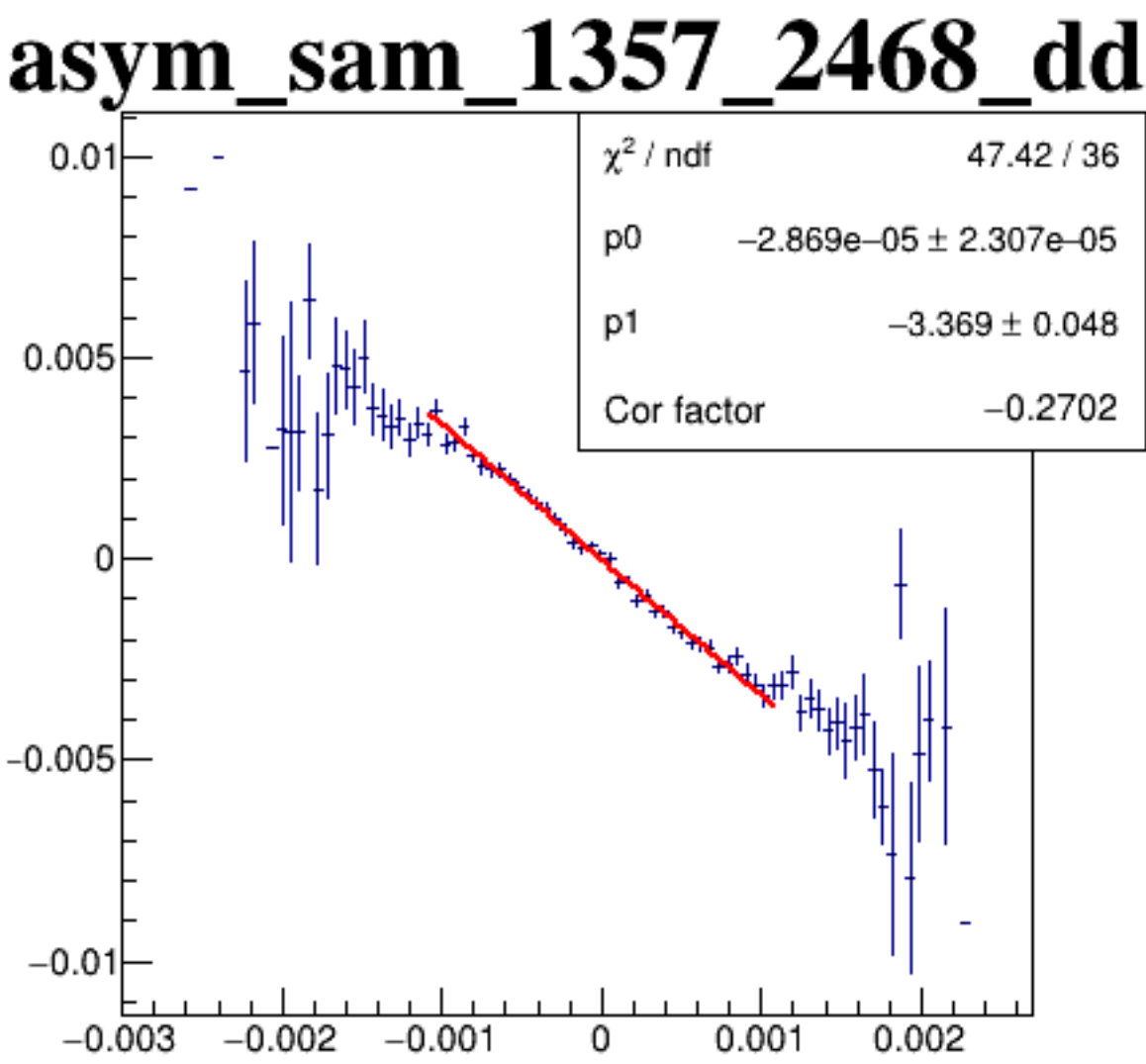
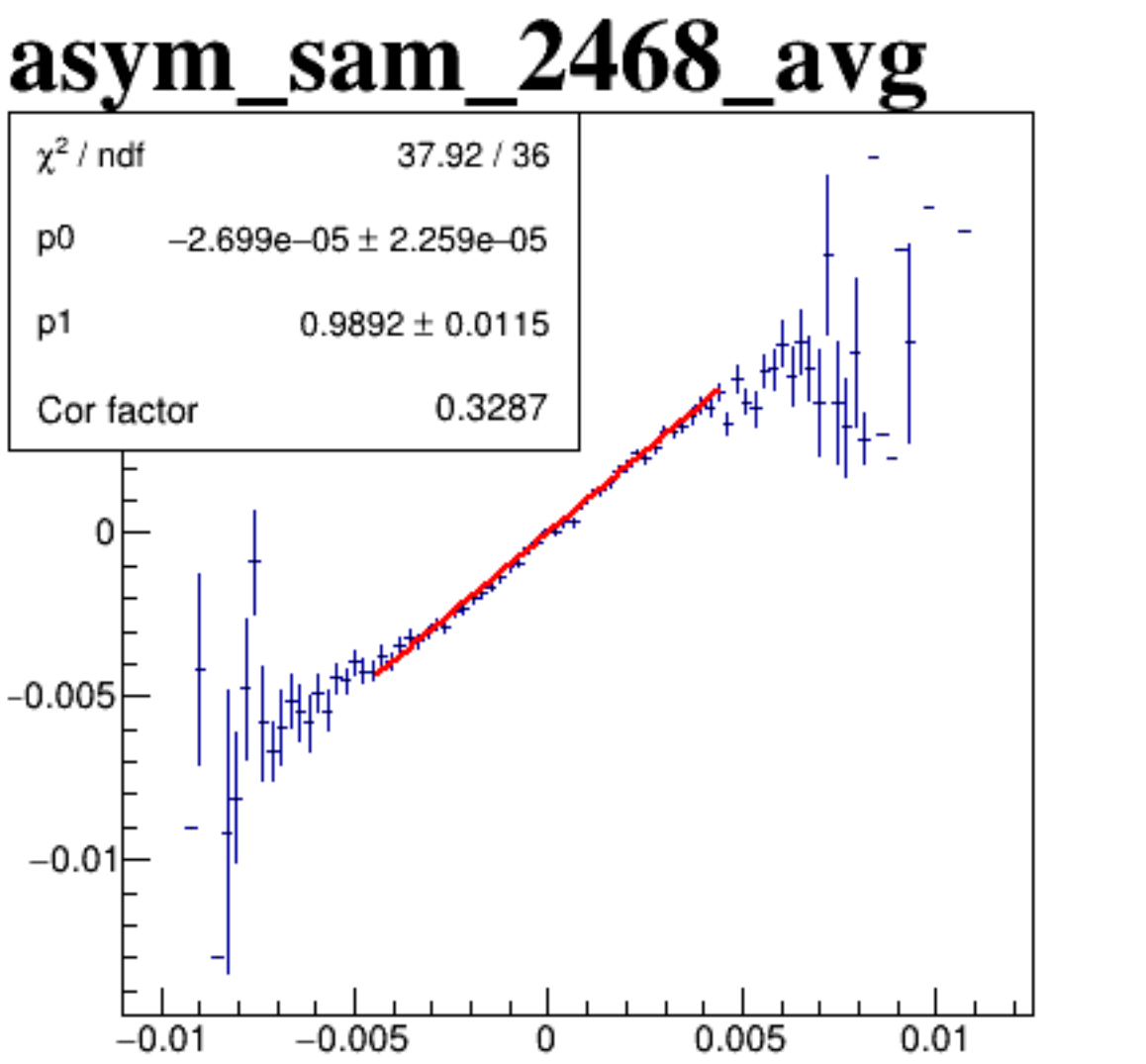
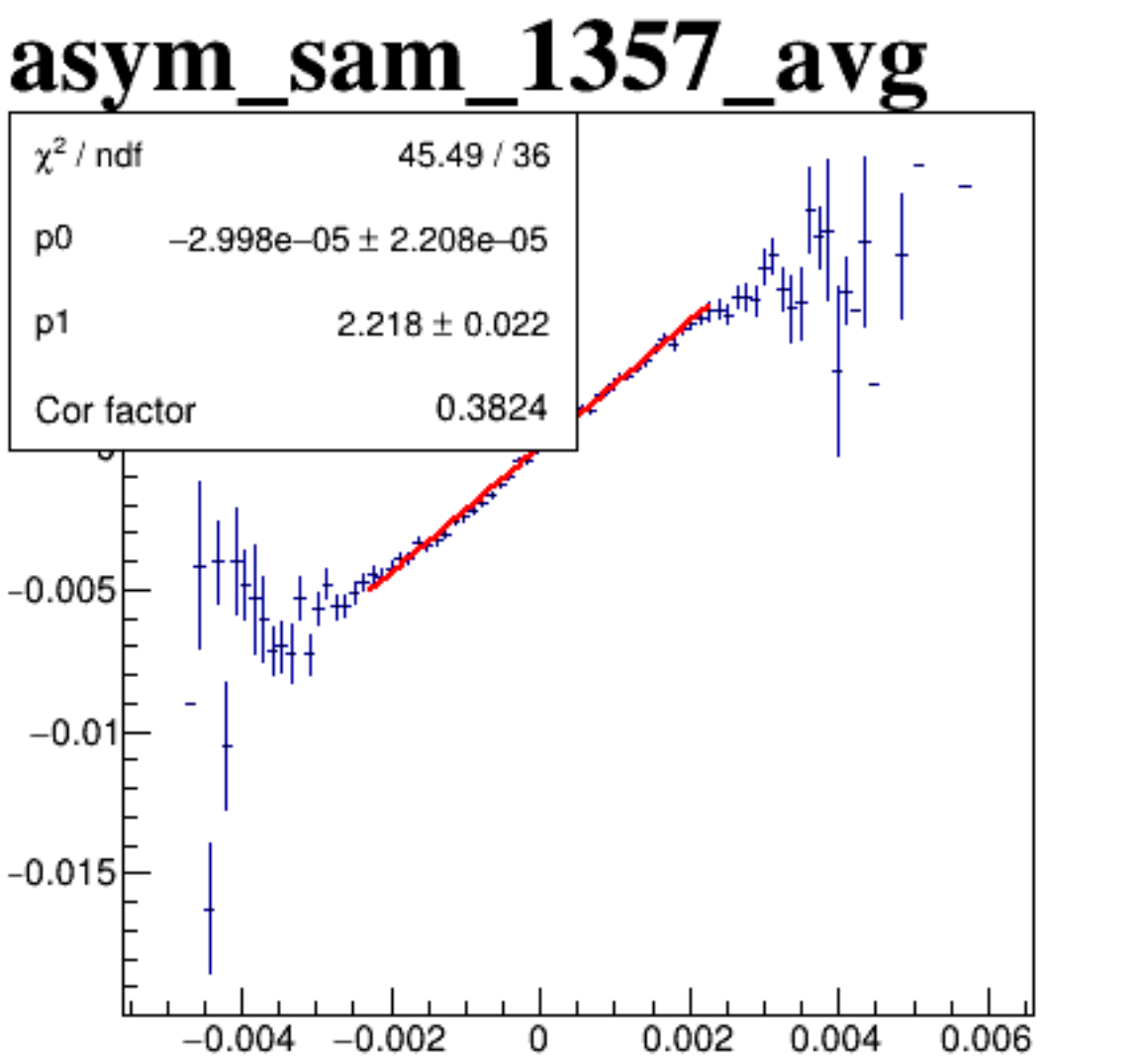
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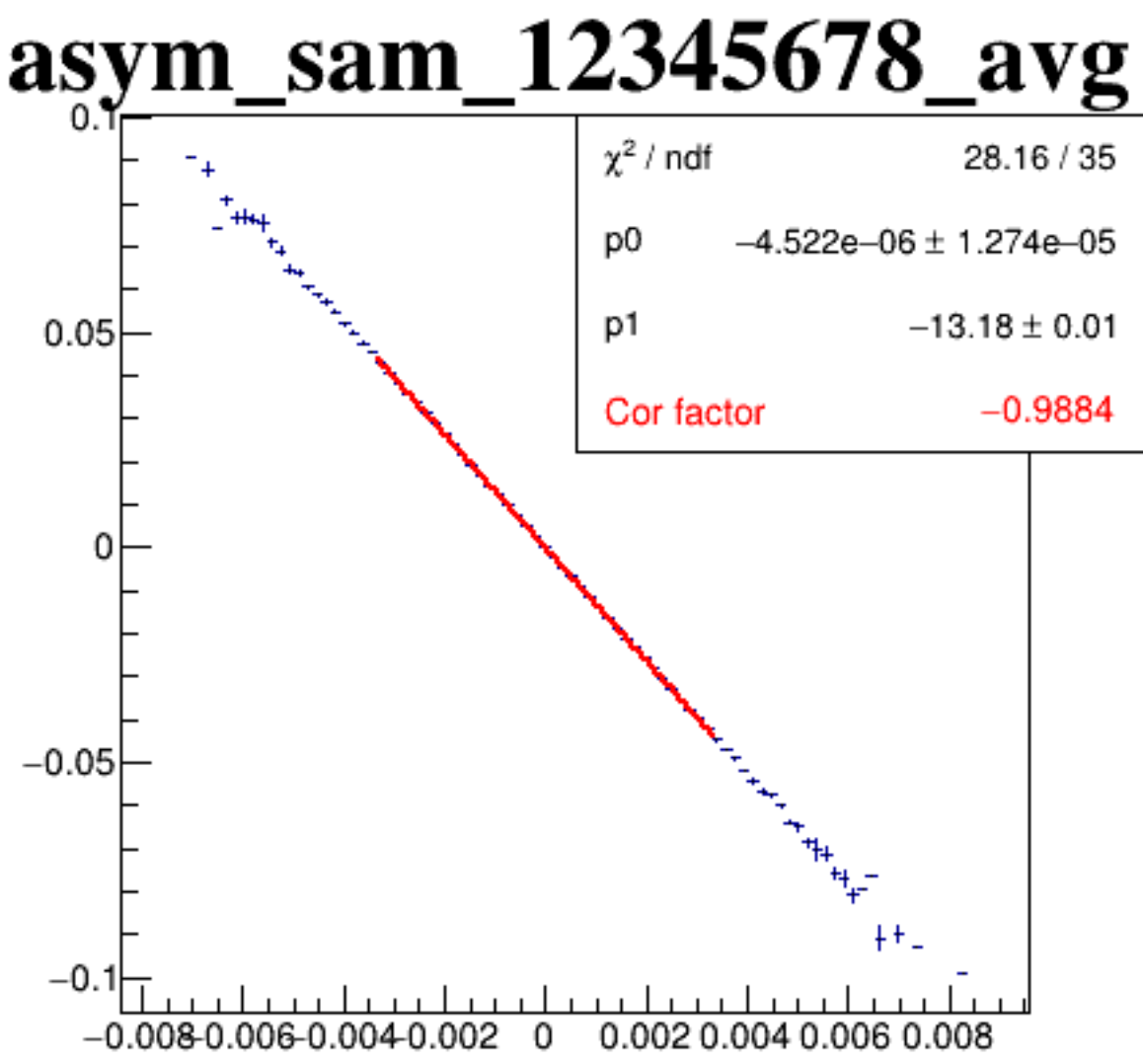
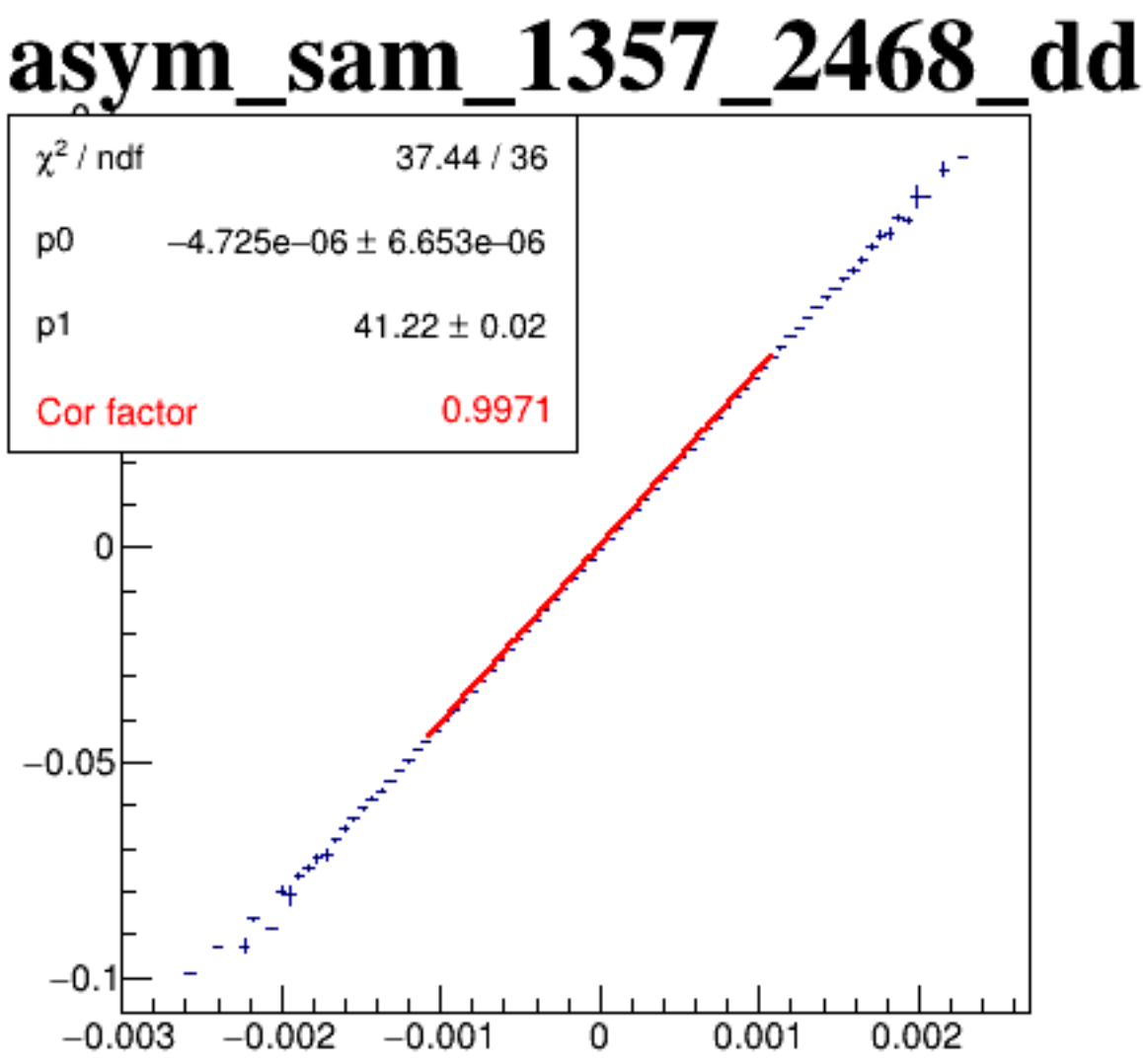
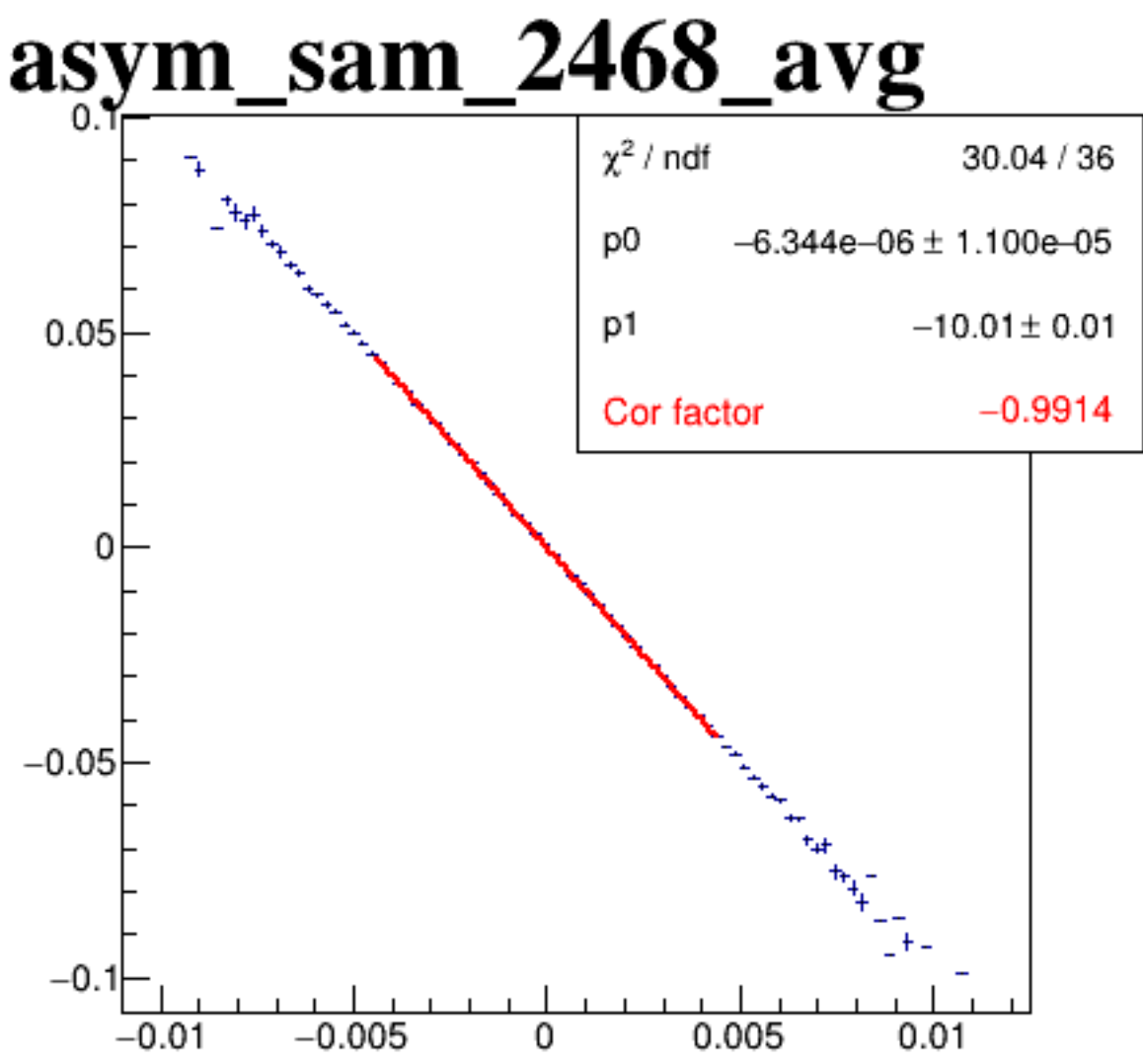
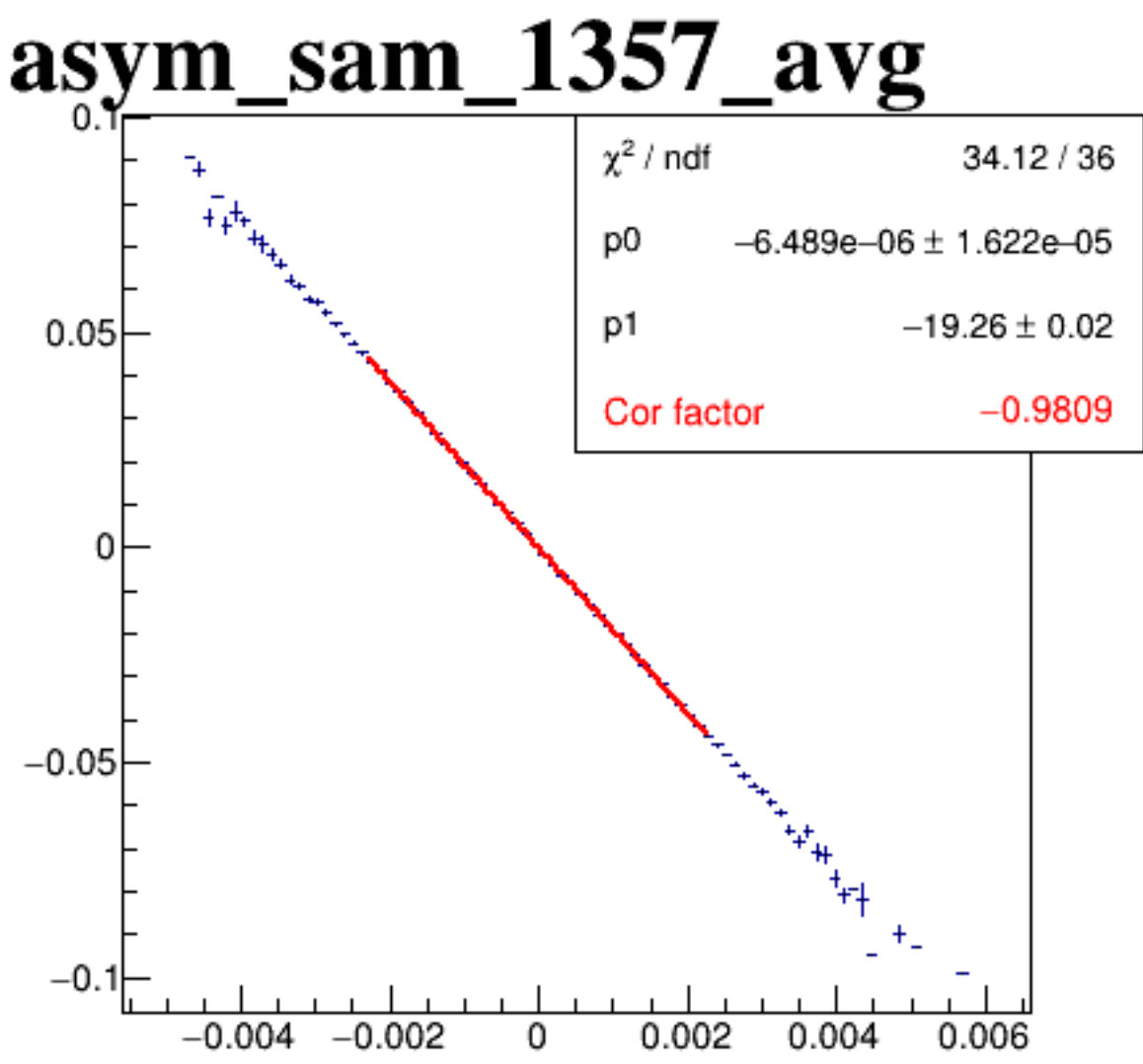
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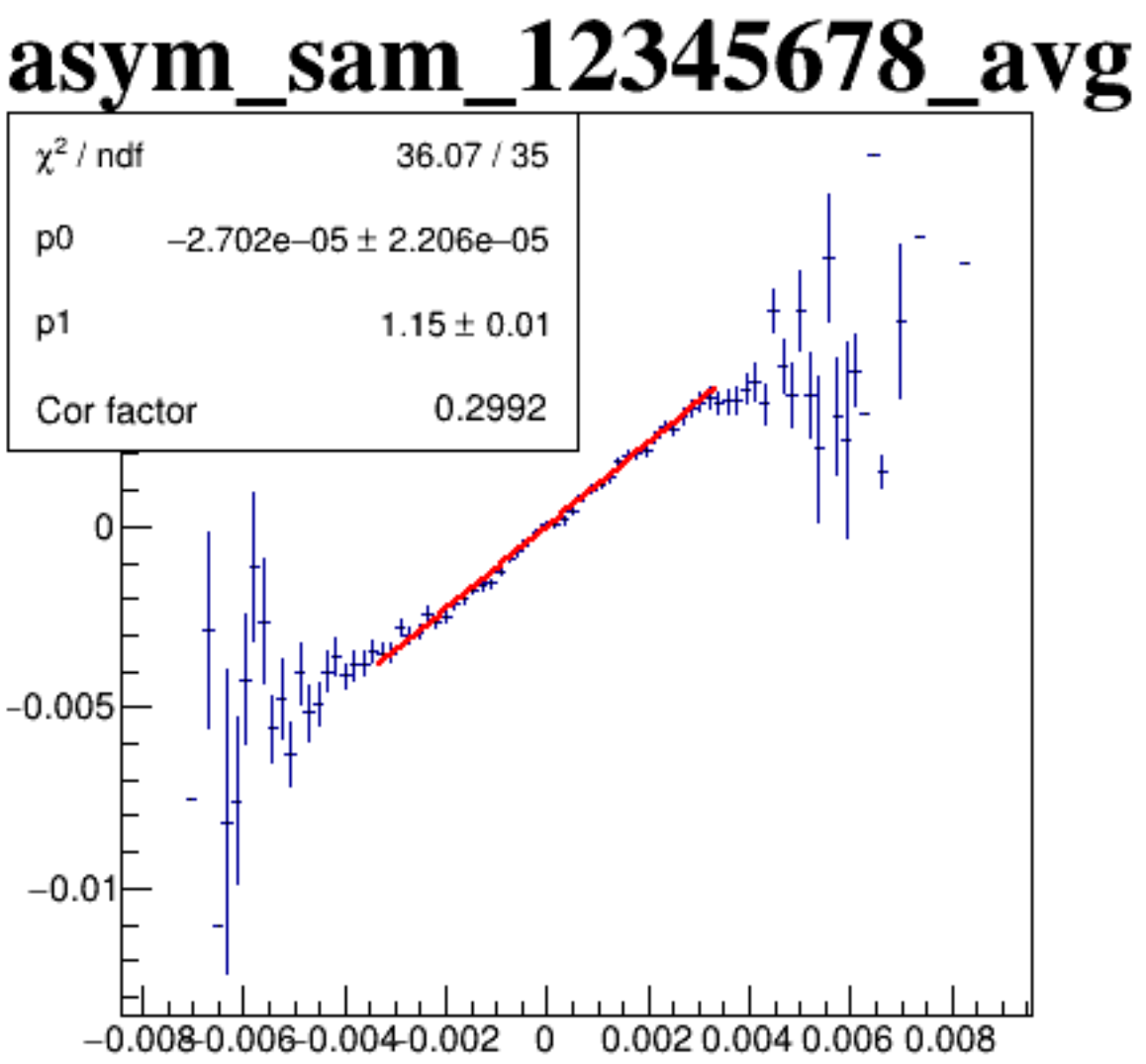
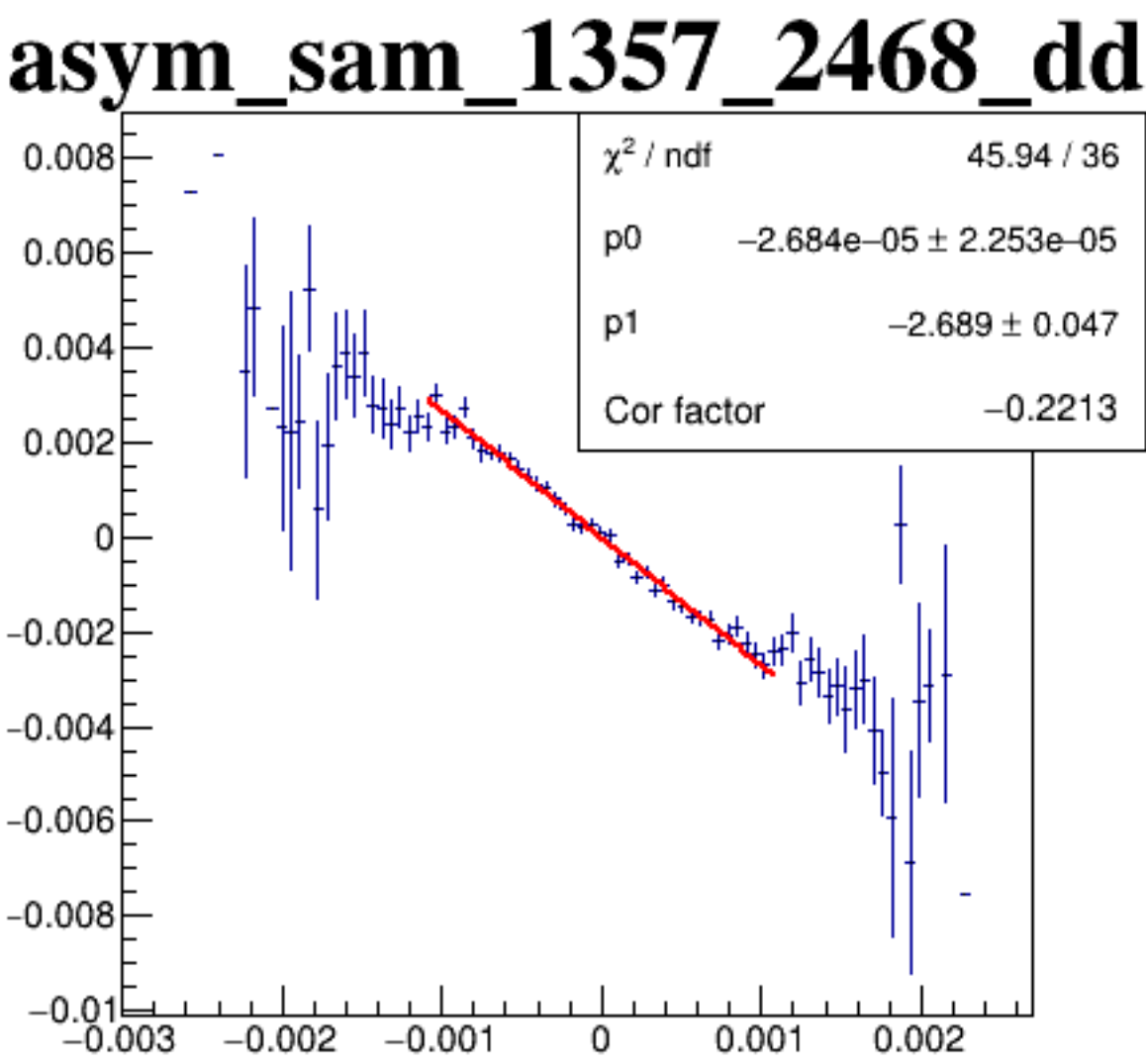
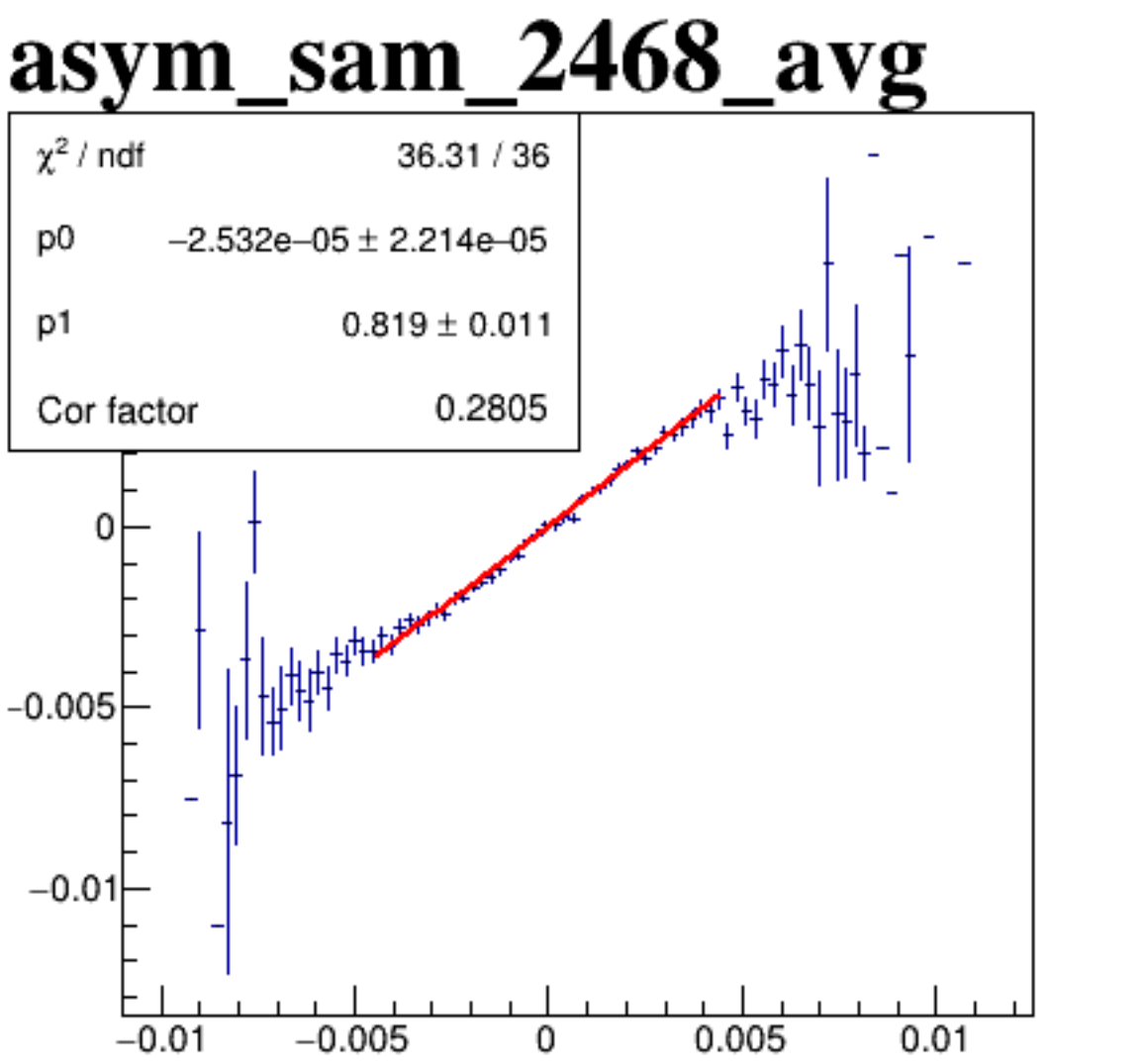
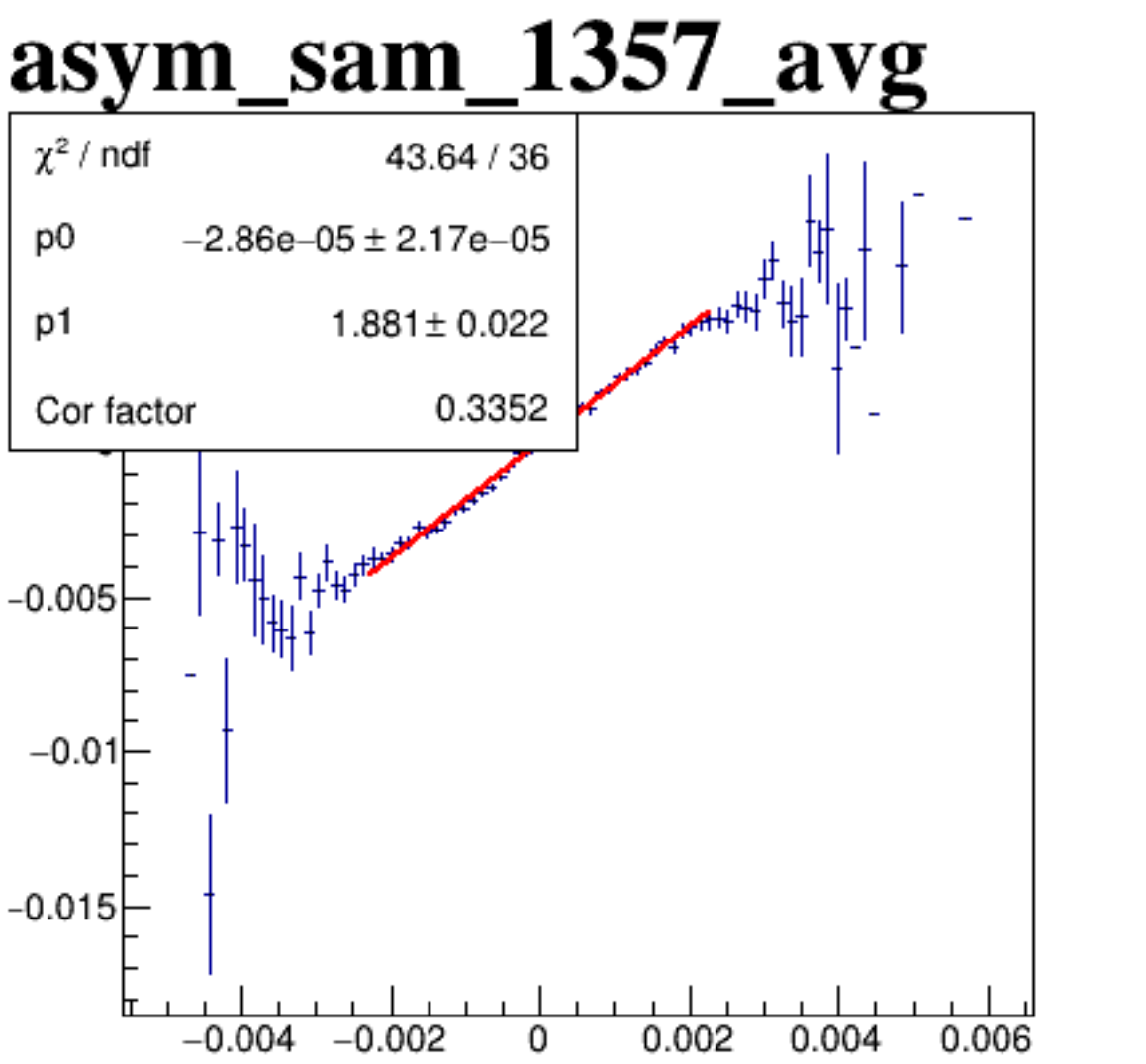
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diff_bpm4eX



diff_bpm4eY



diff_bpm12X

