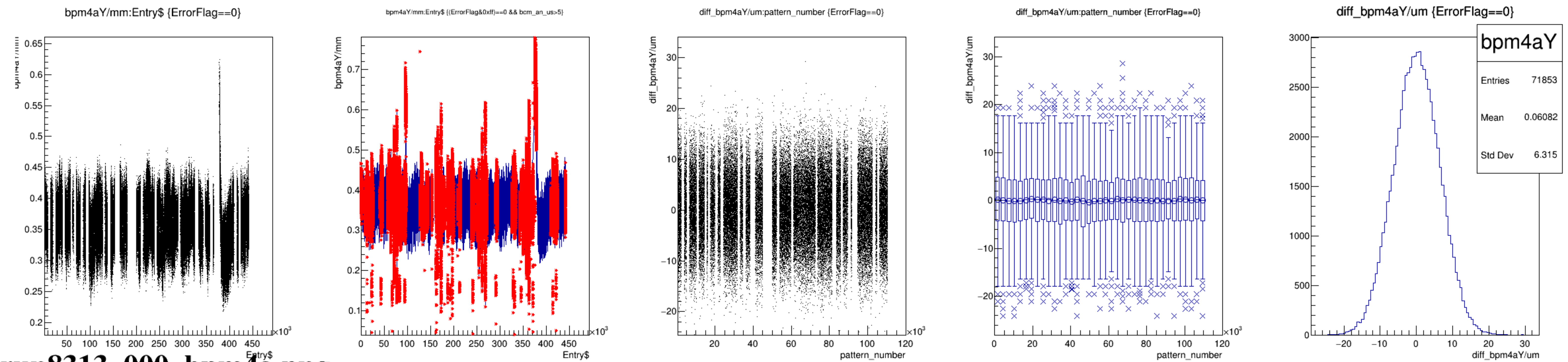
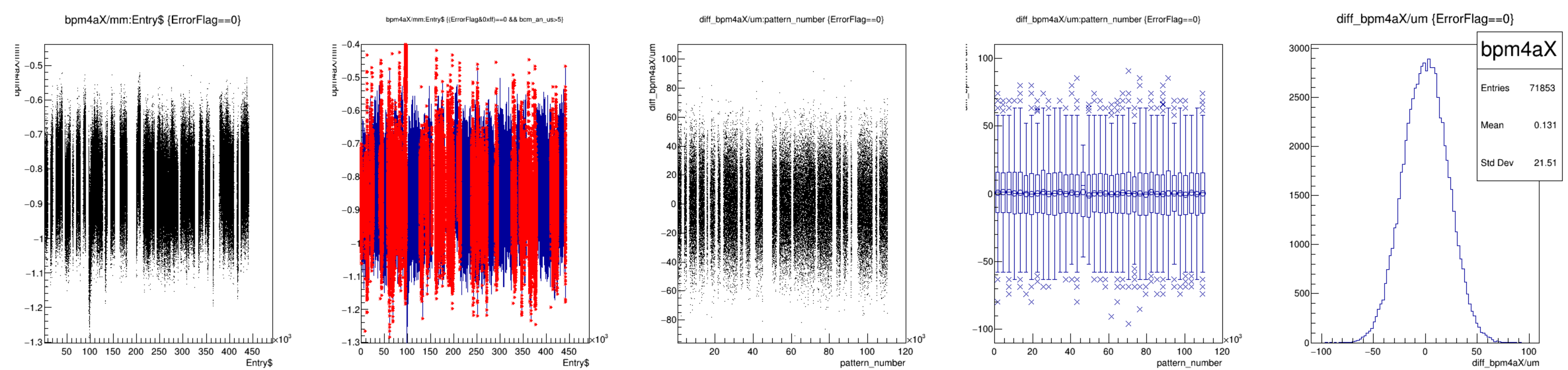
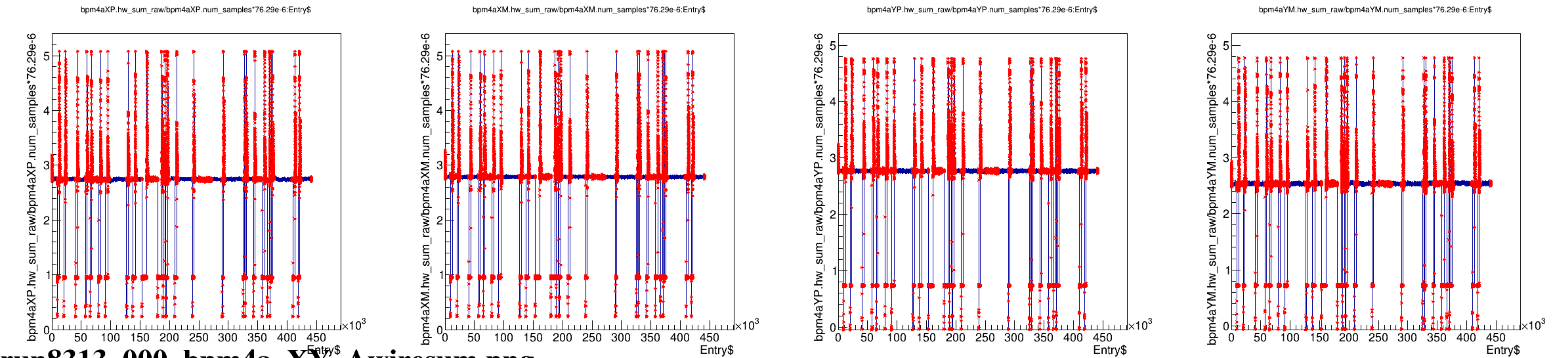
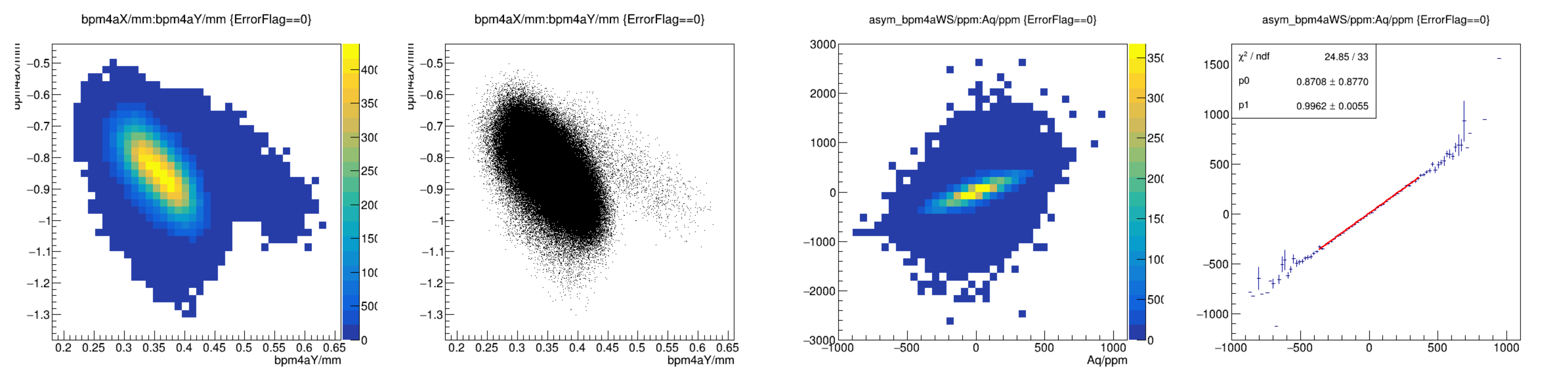
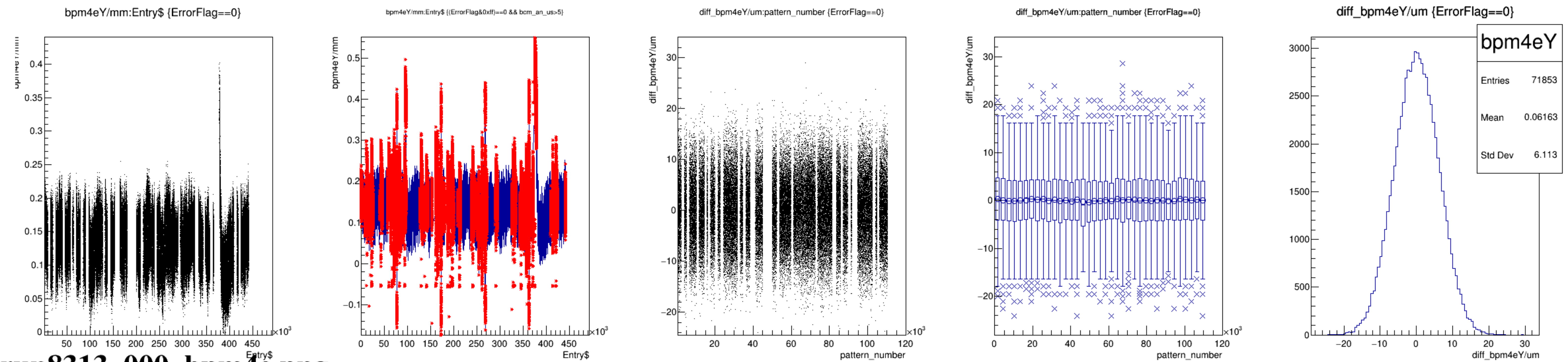
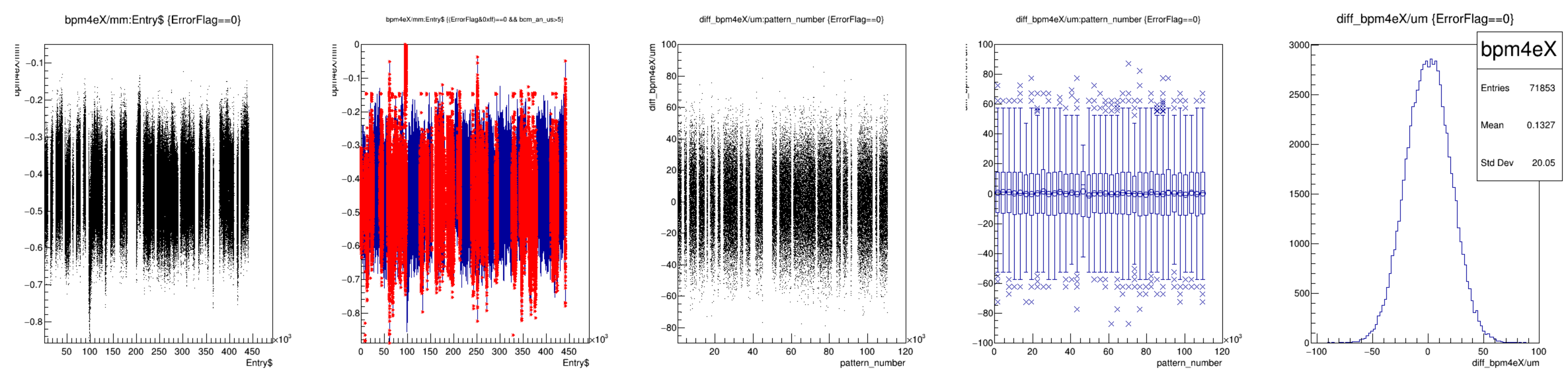
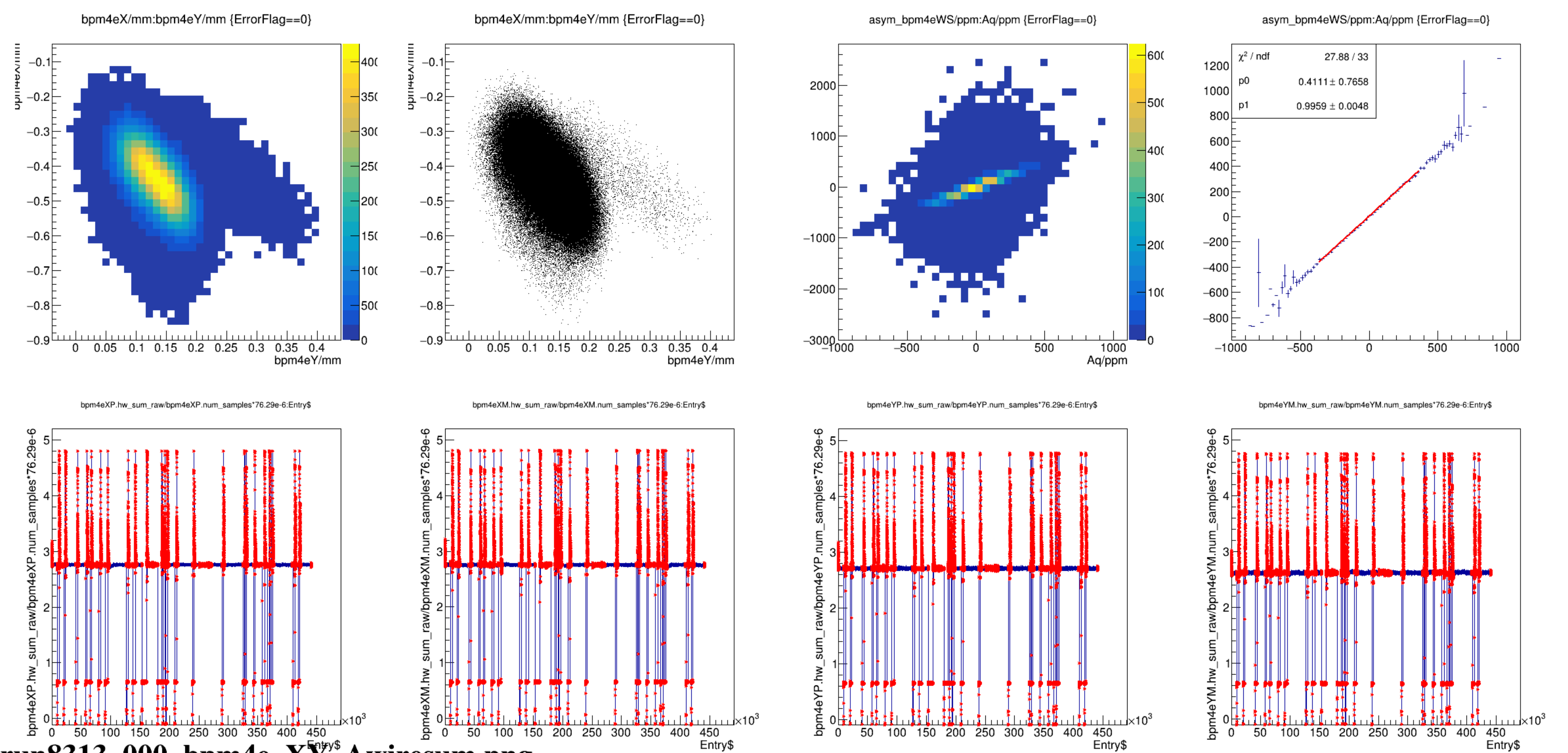
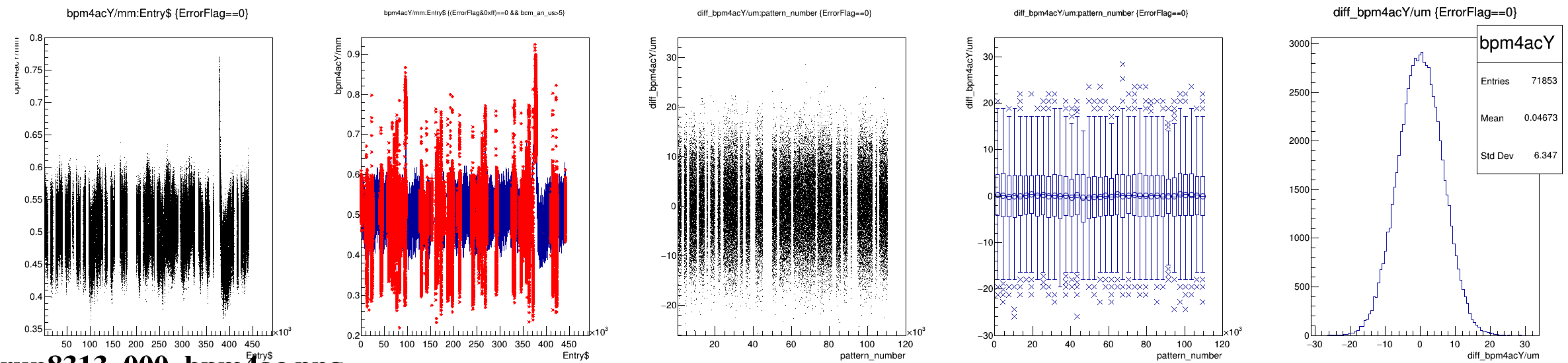
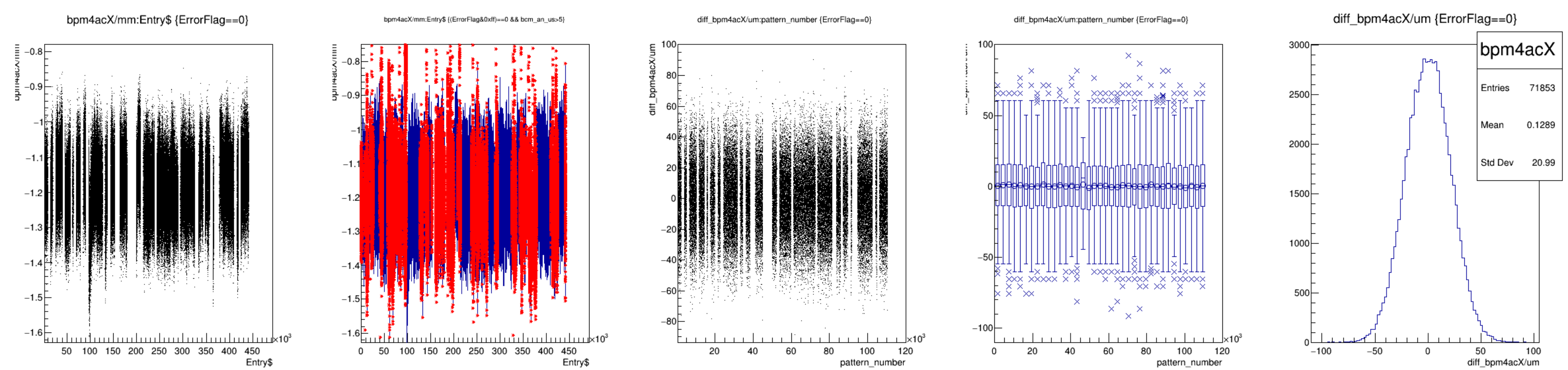


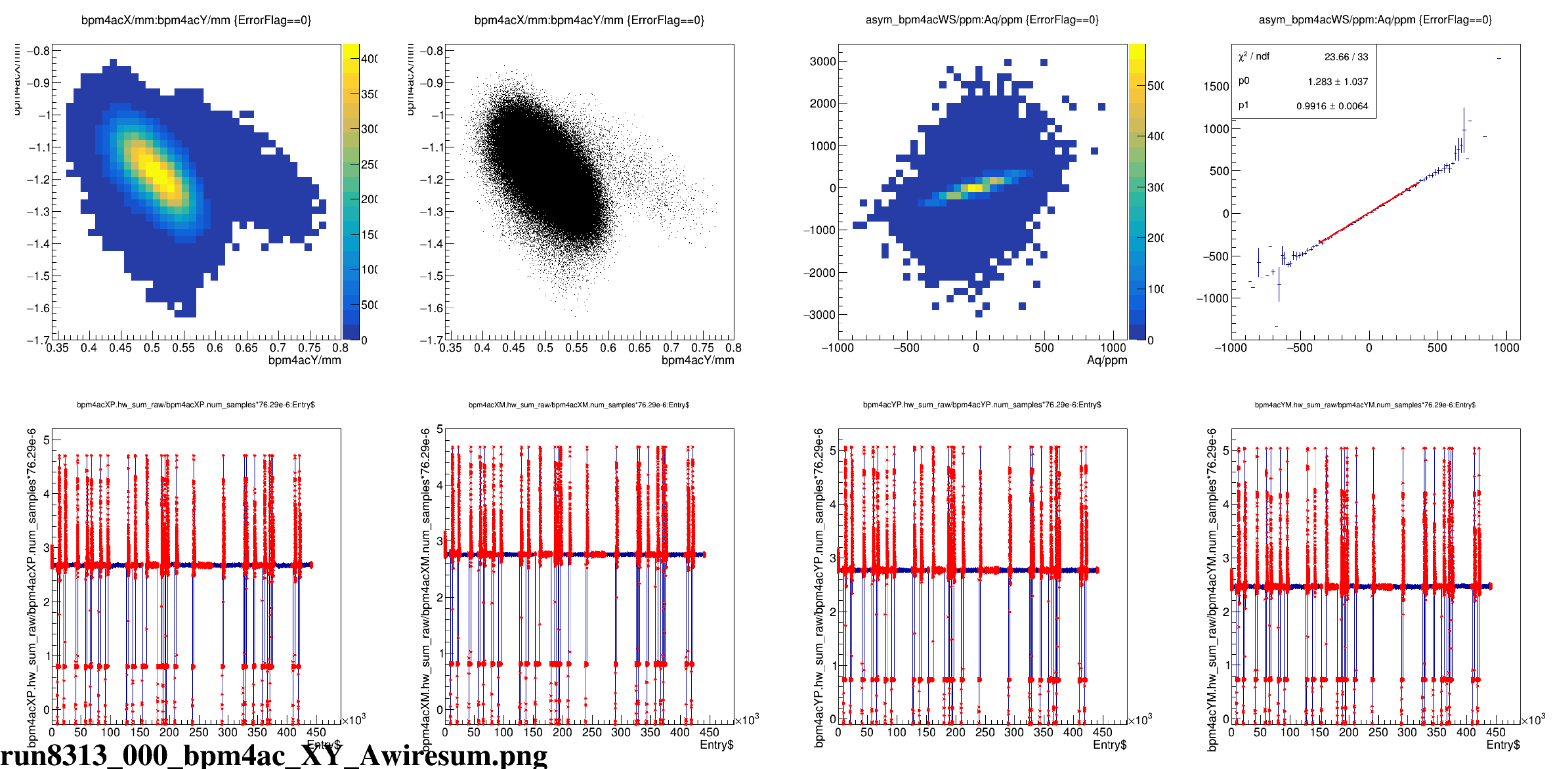


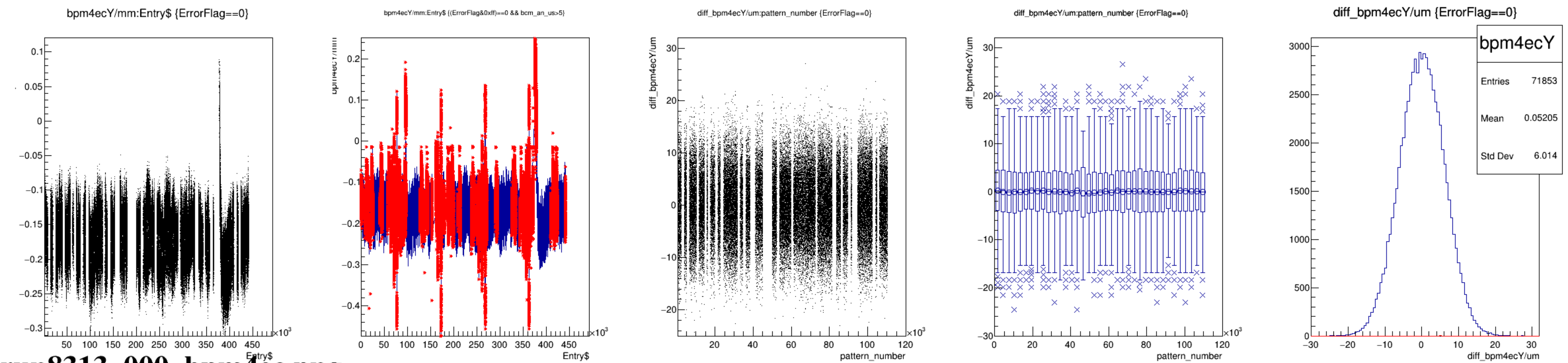
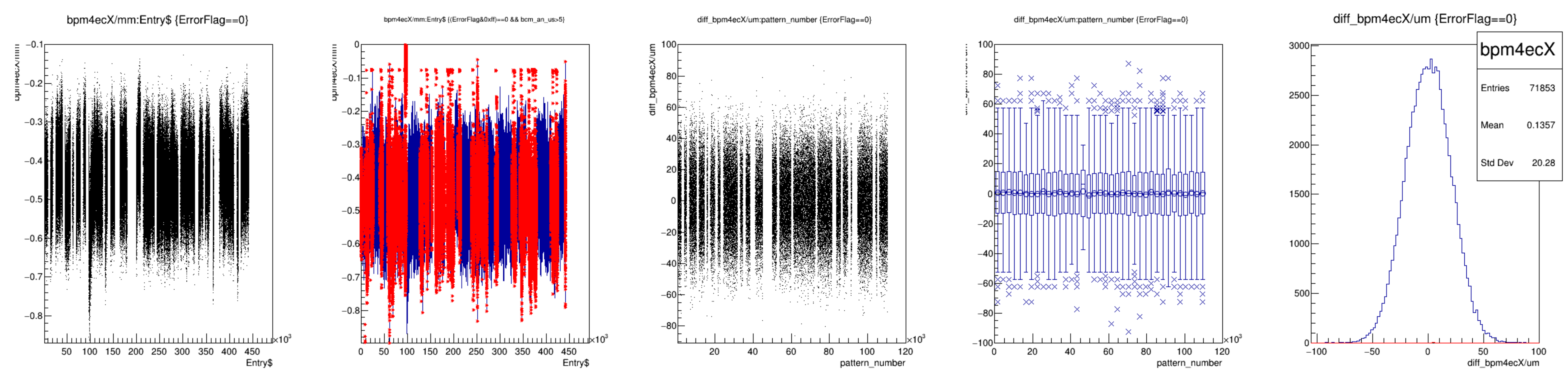


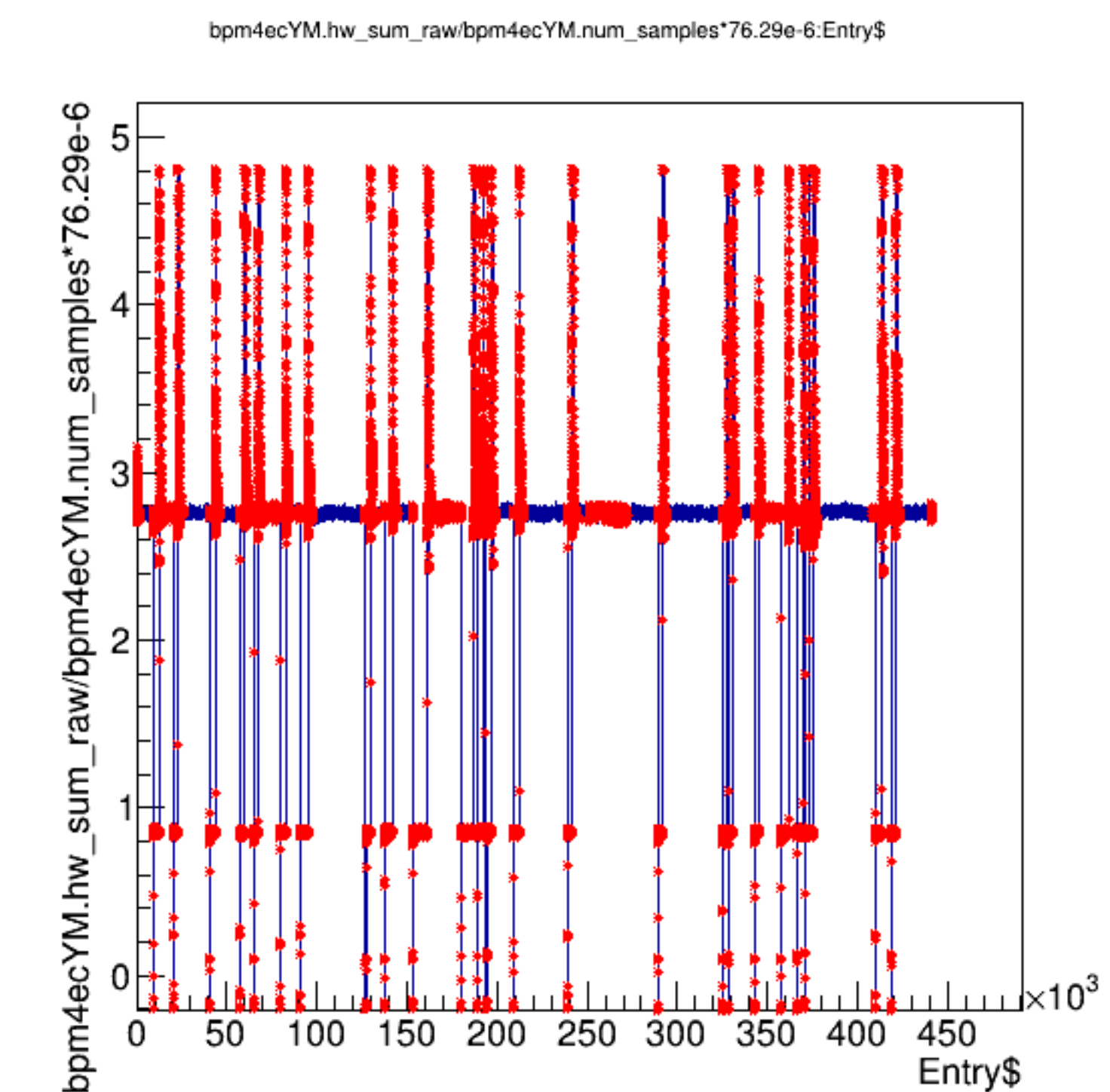
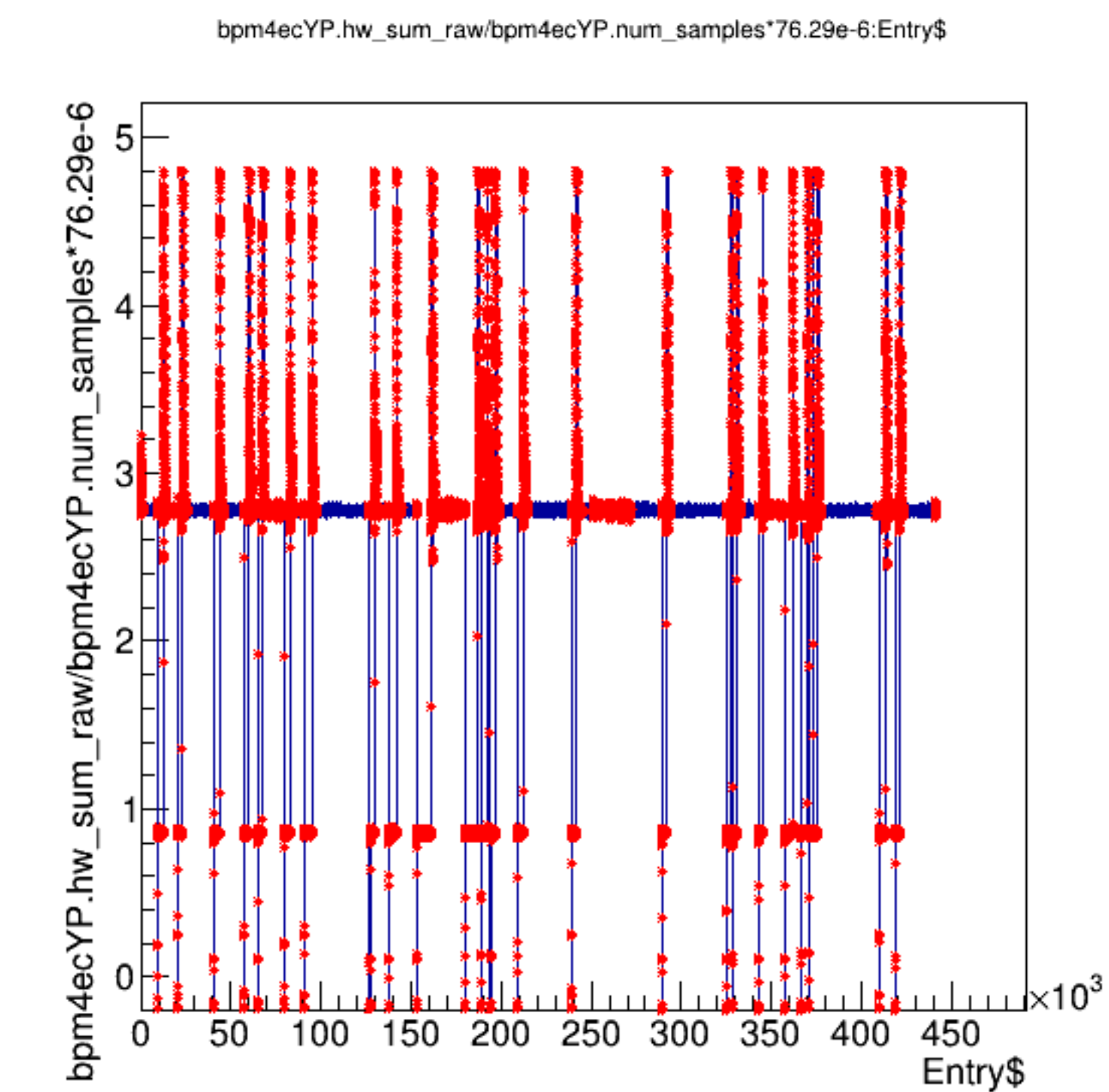
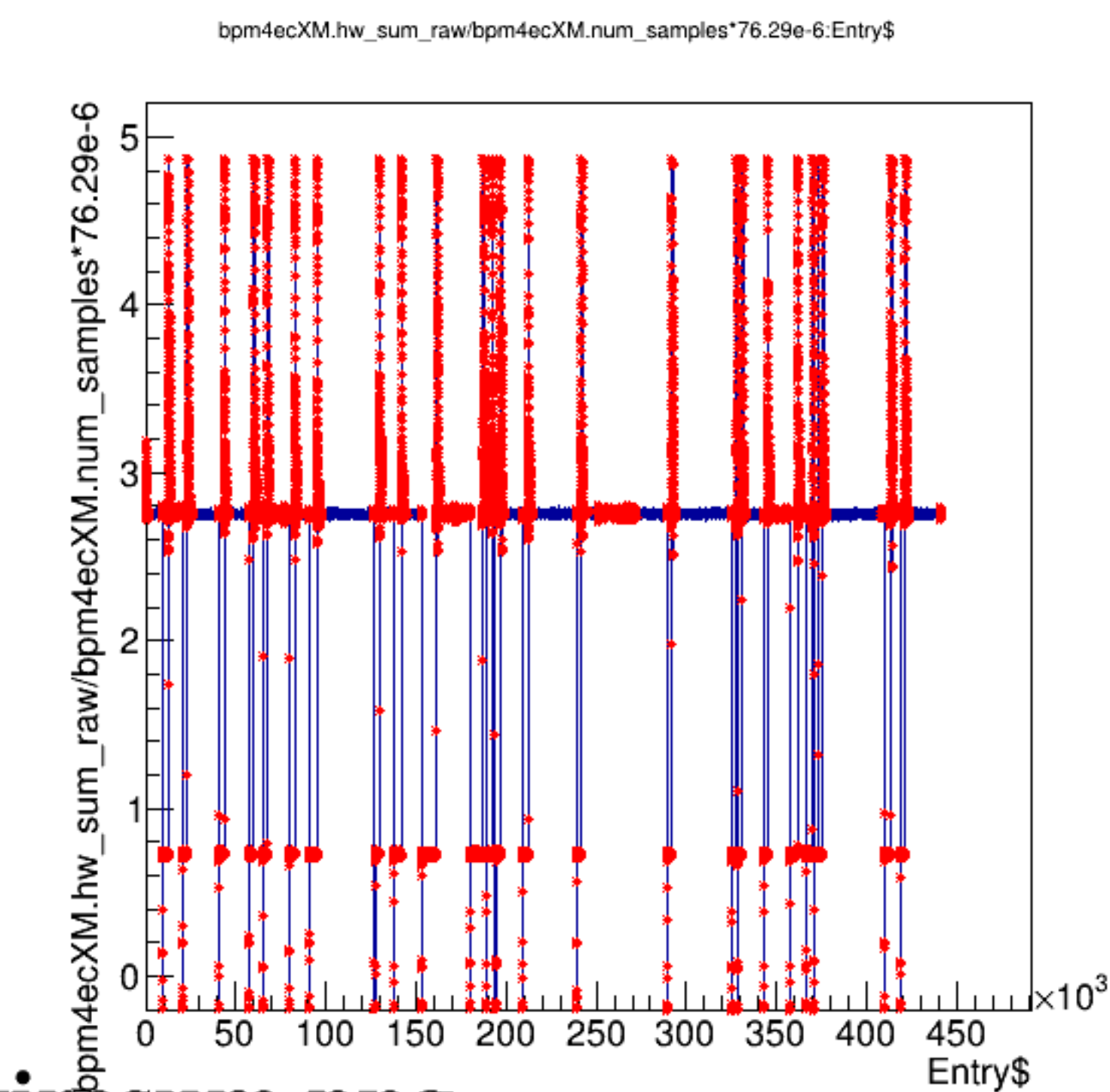
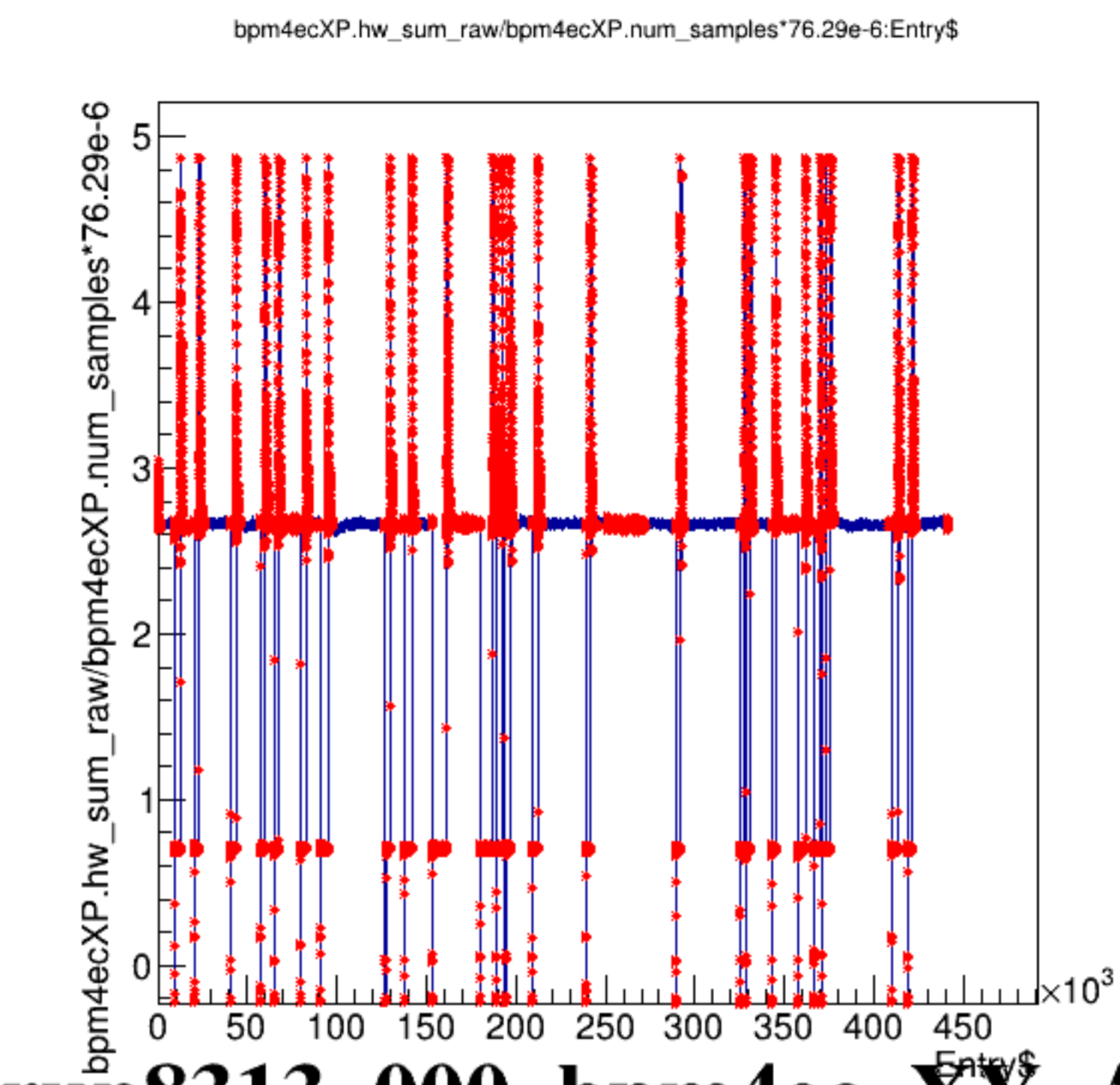
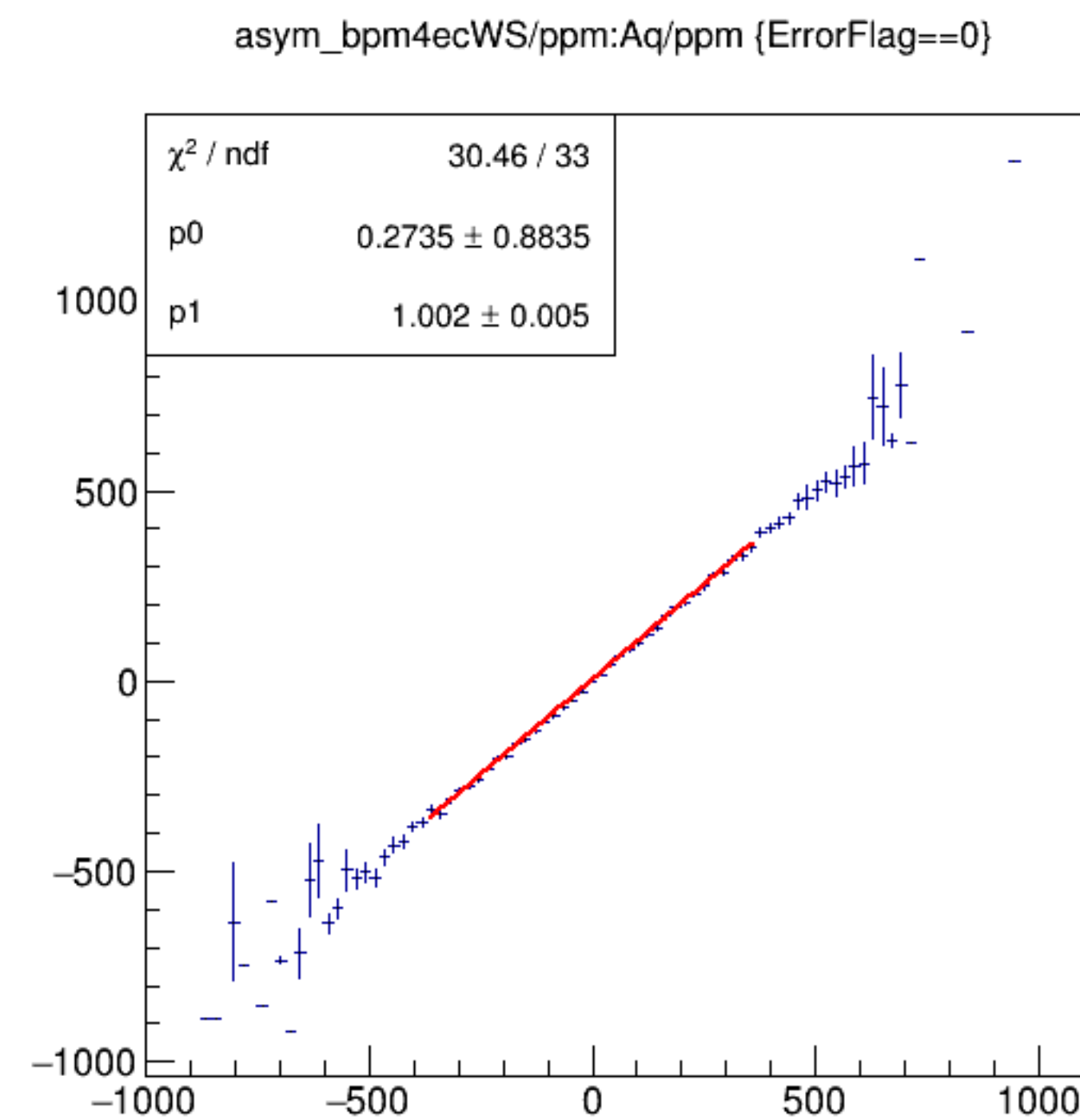
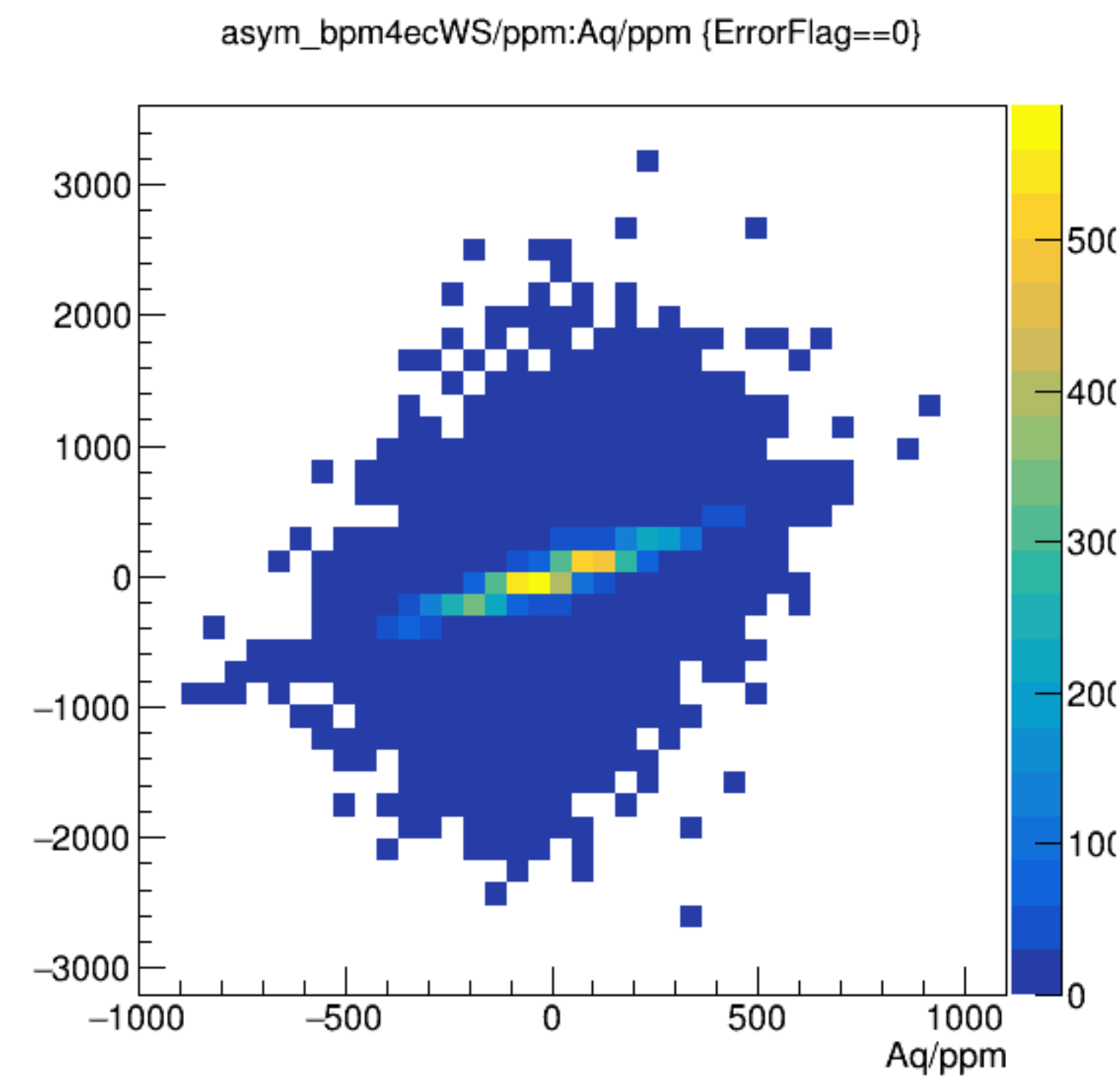
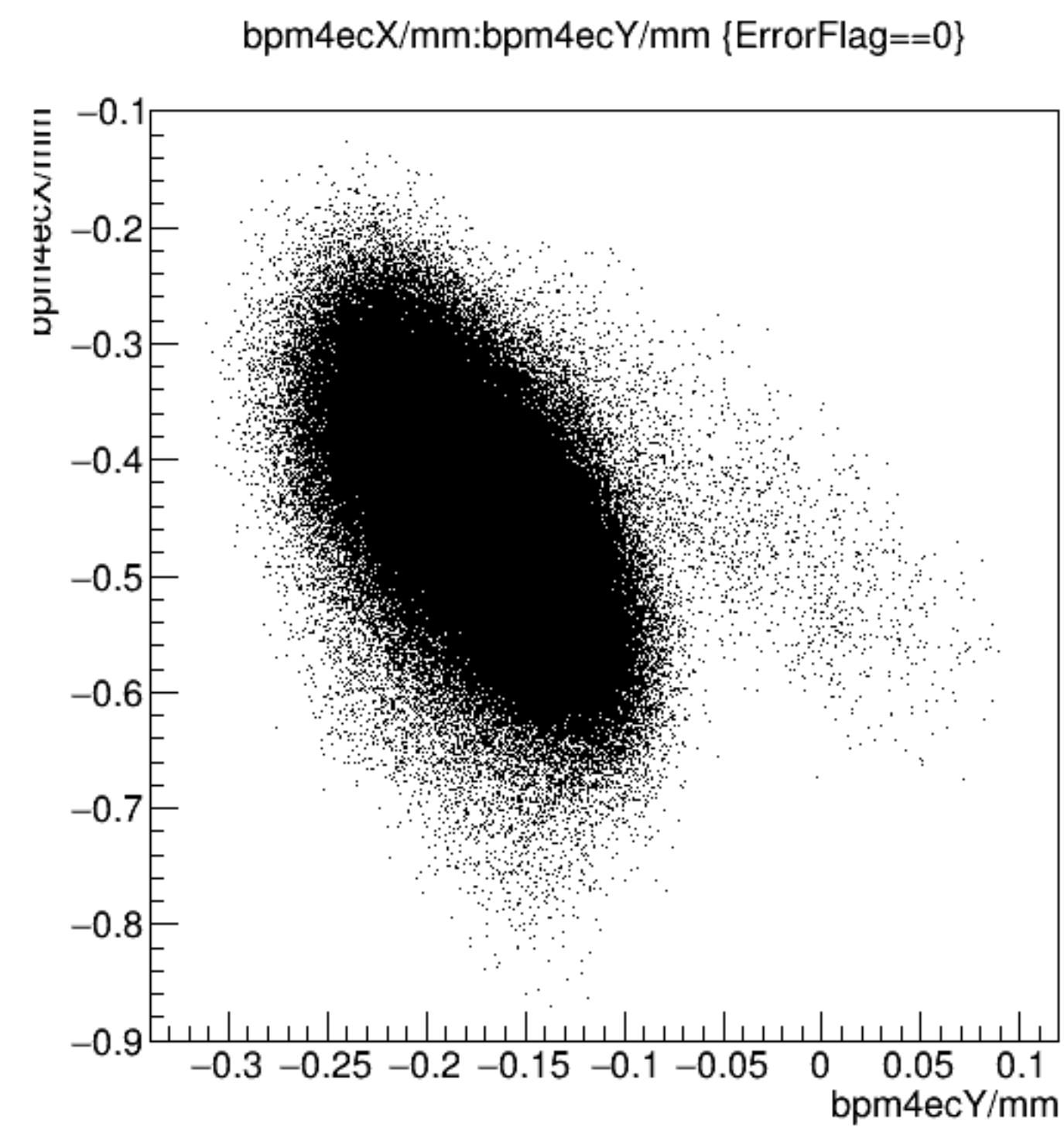
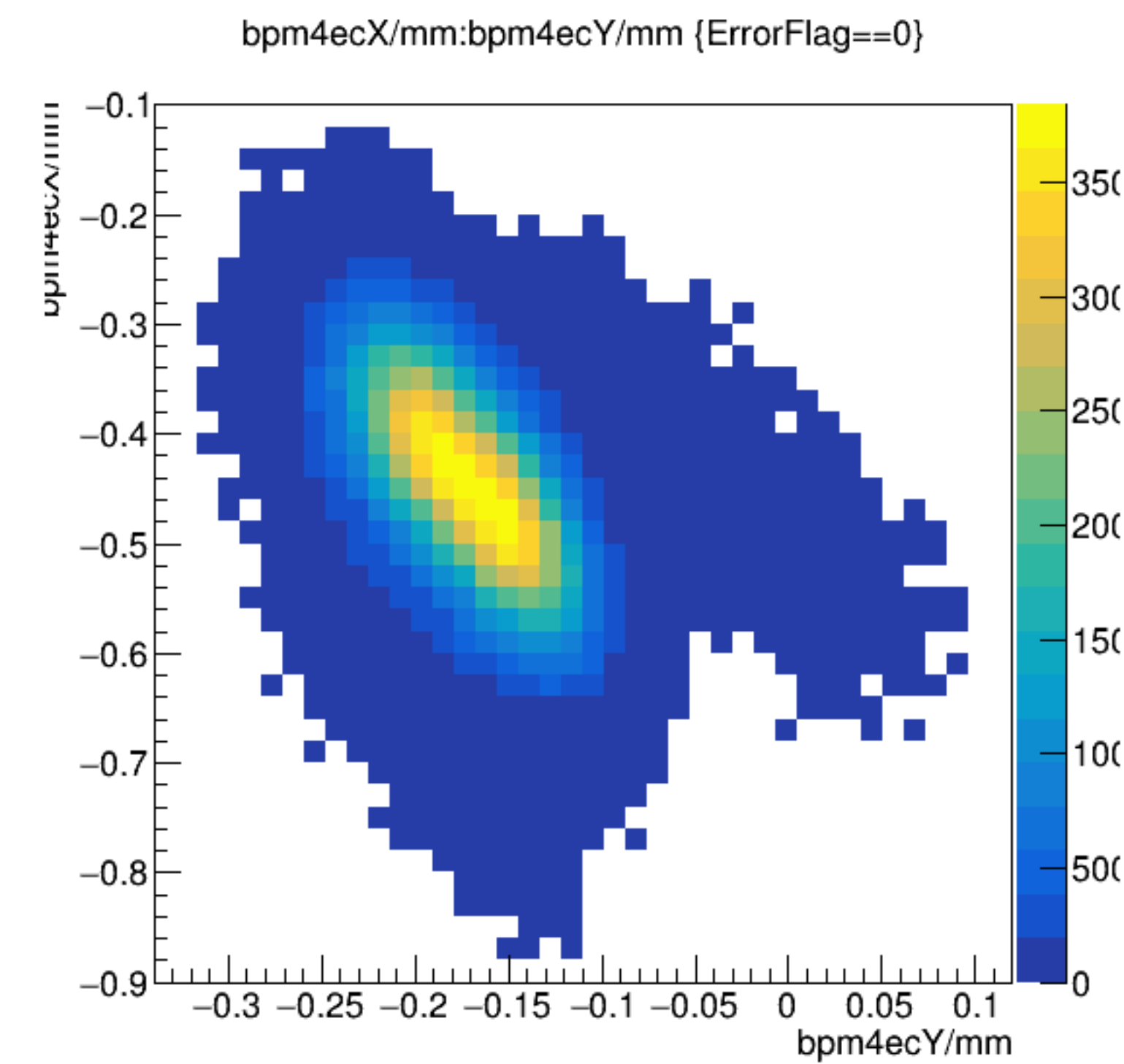




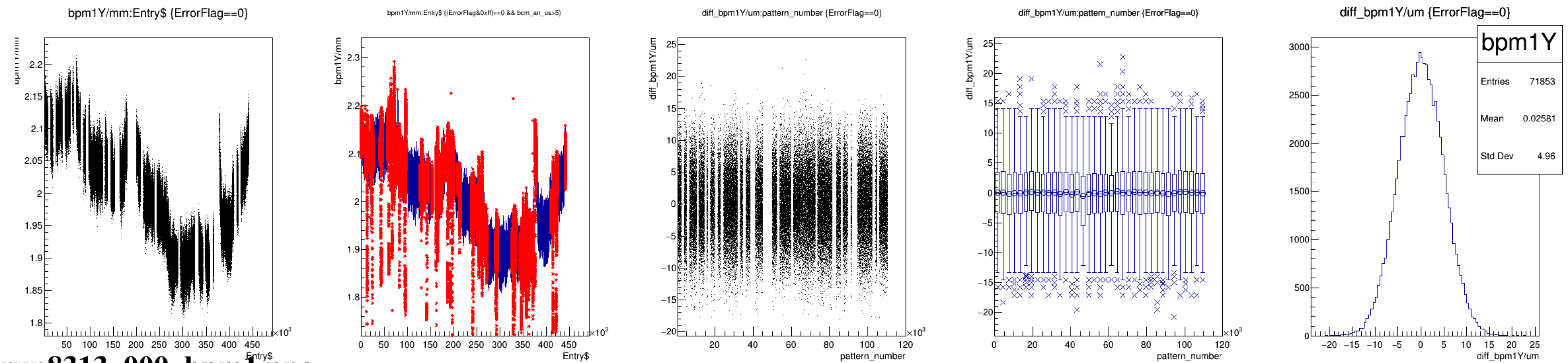
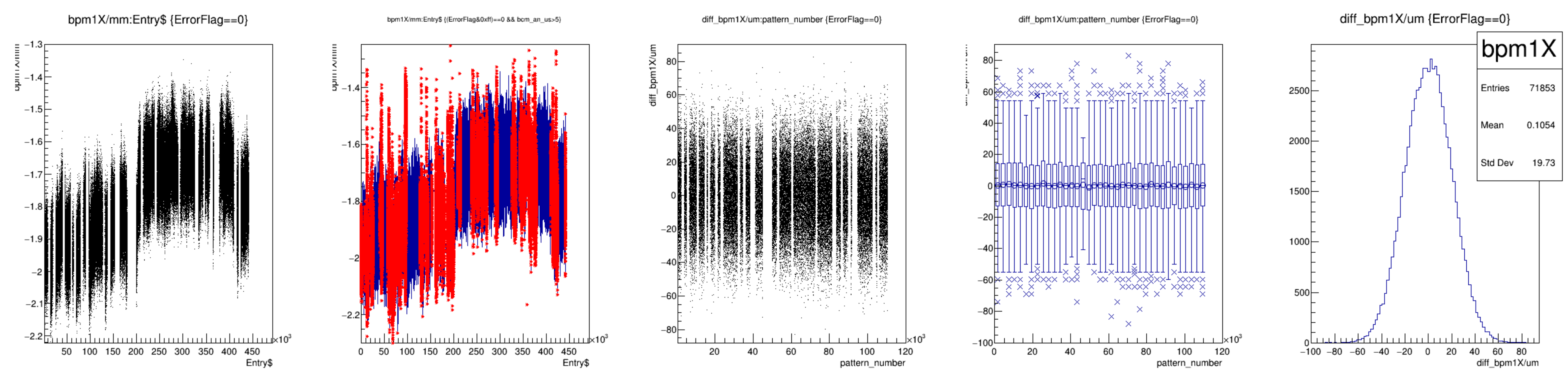




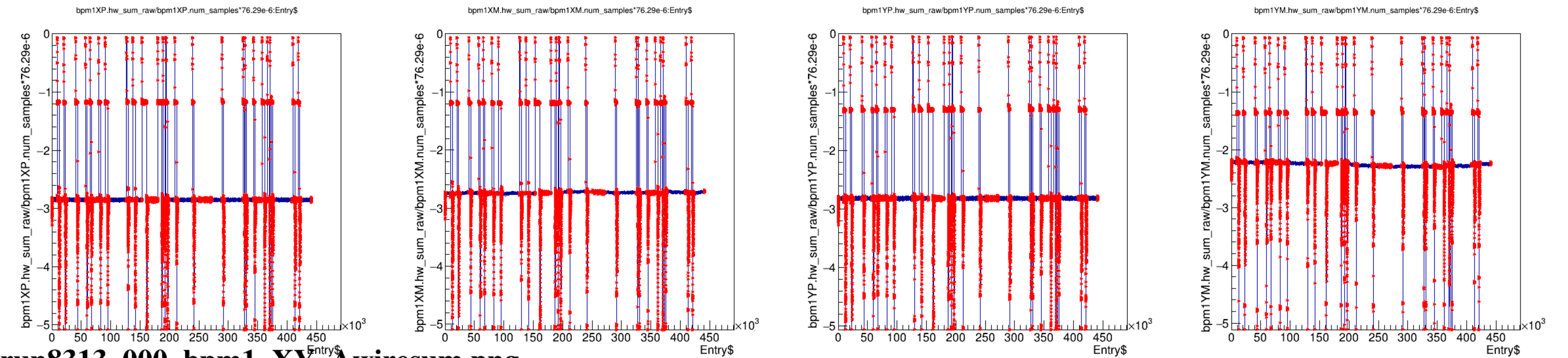
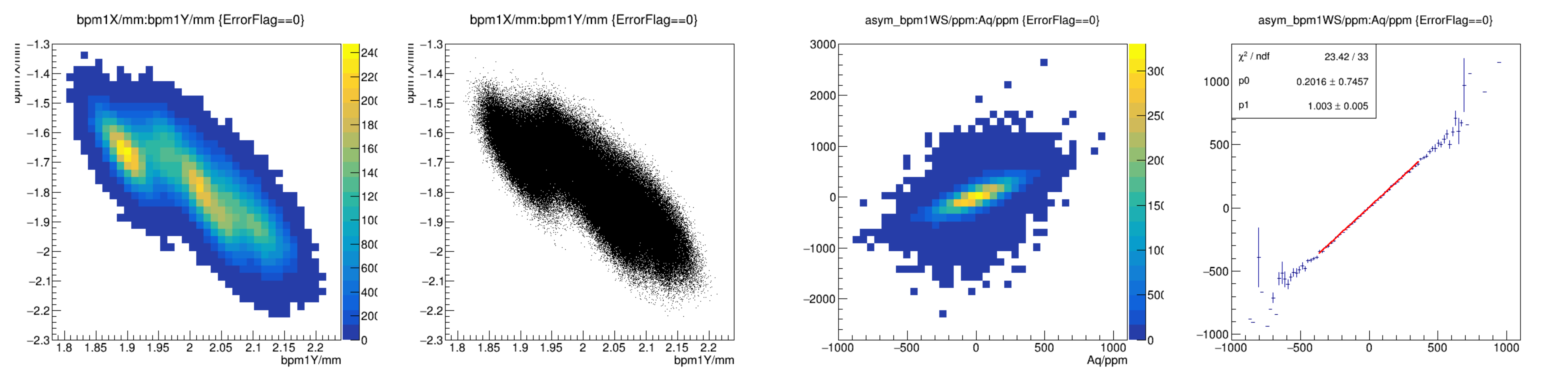


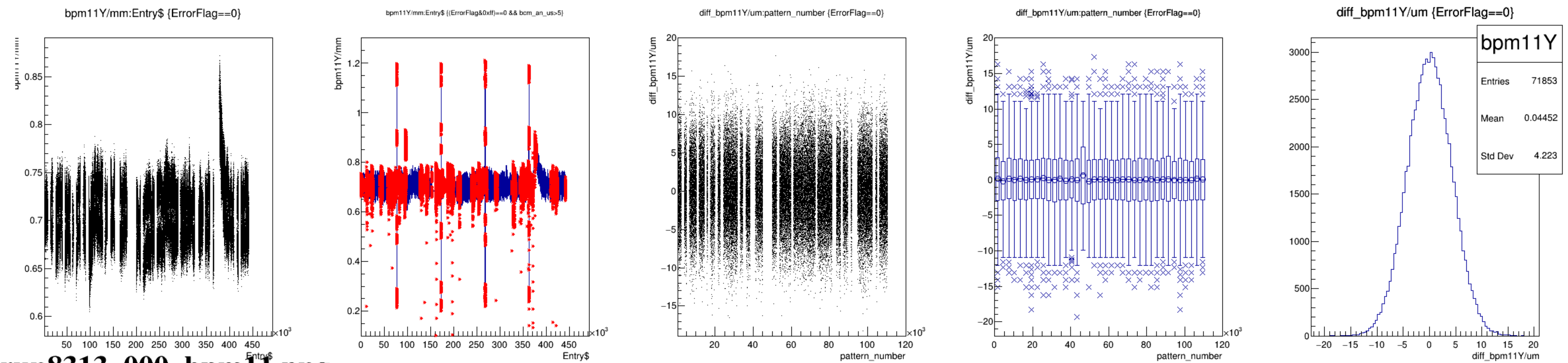
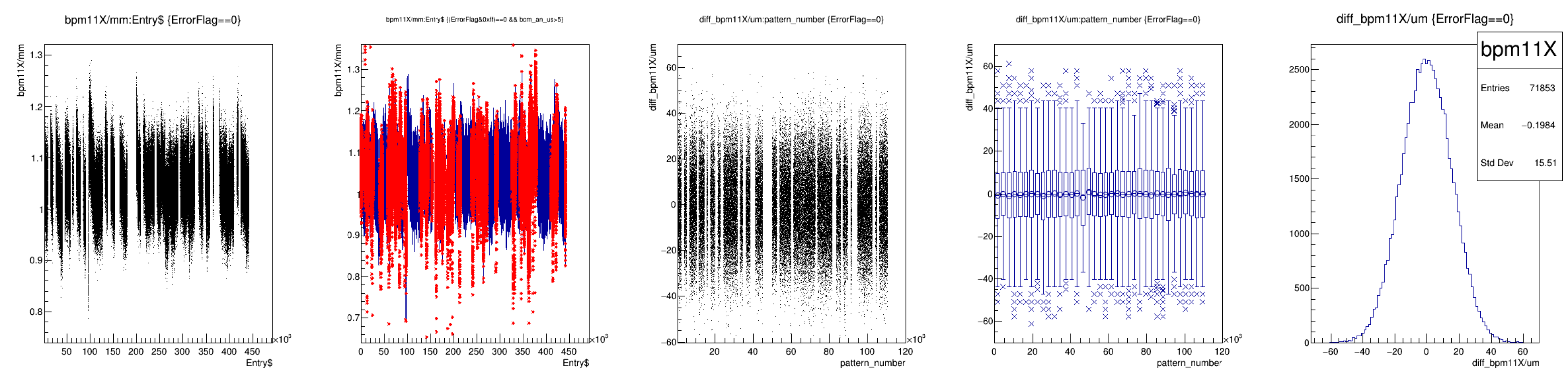


run8313_000_bpm4ec_XY_Awiresum.png

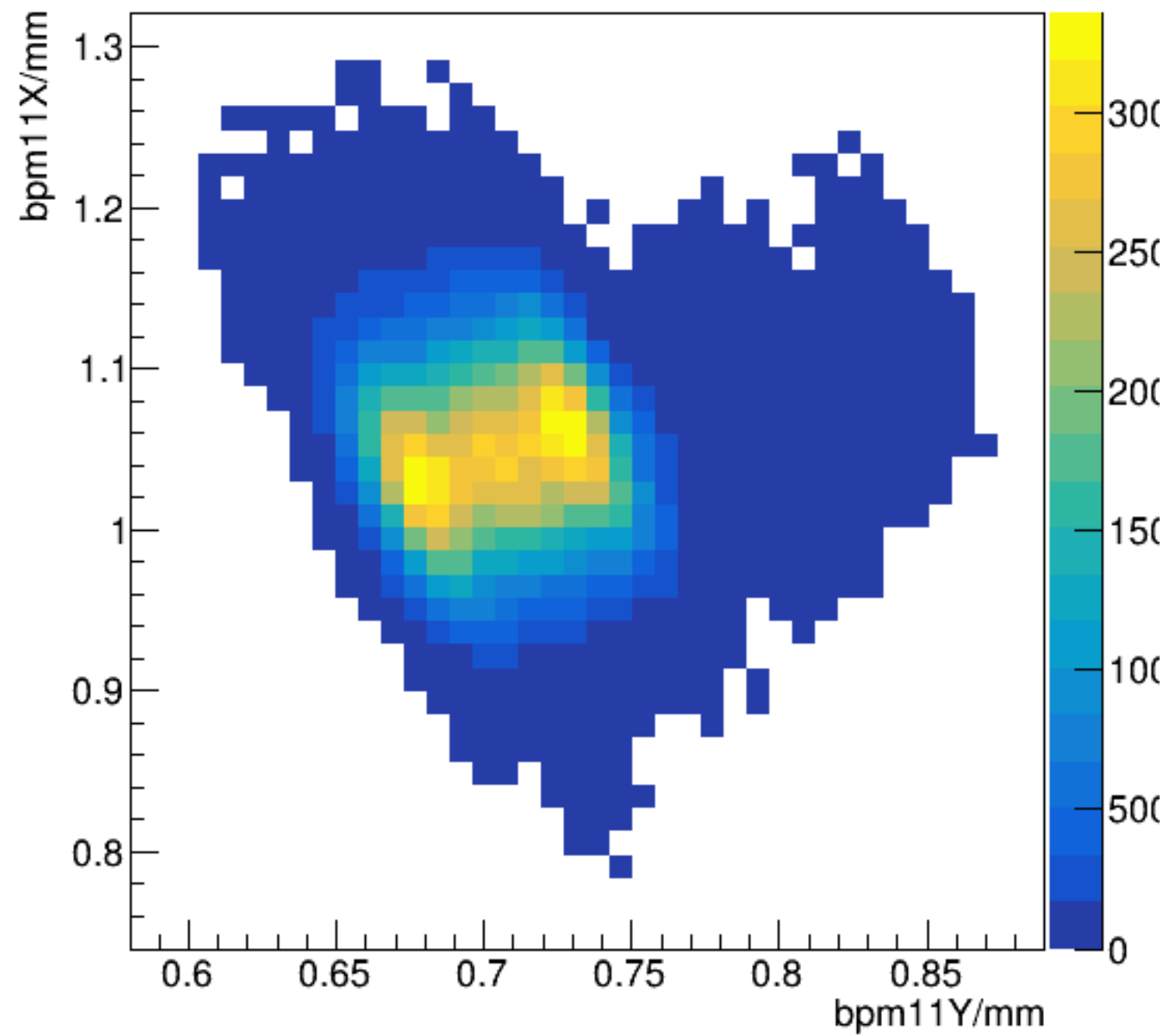


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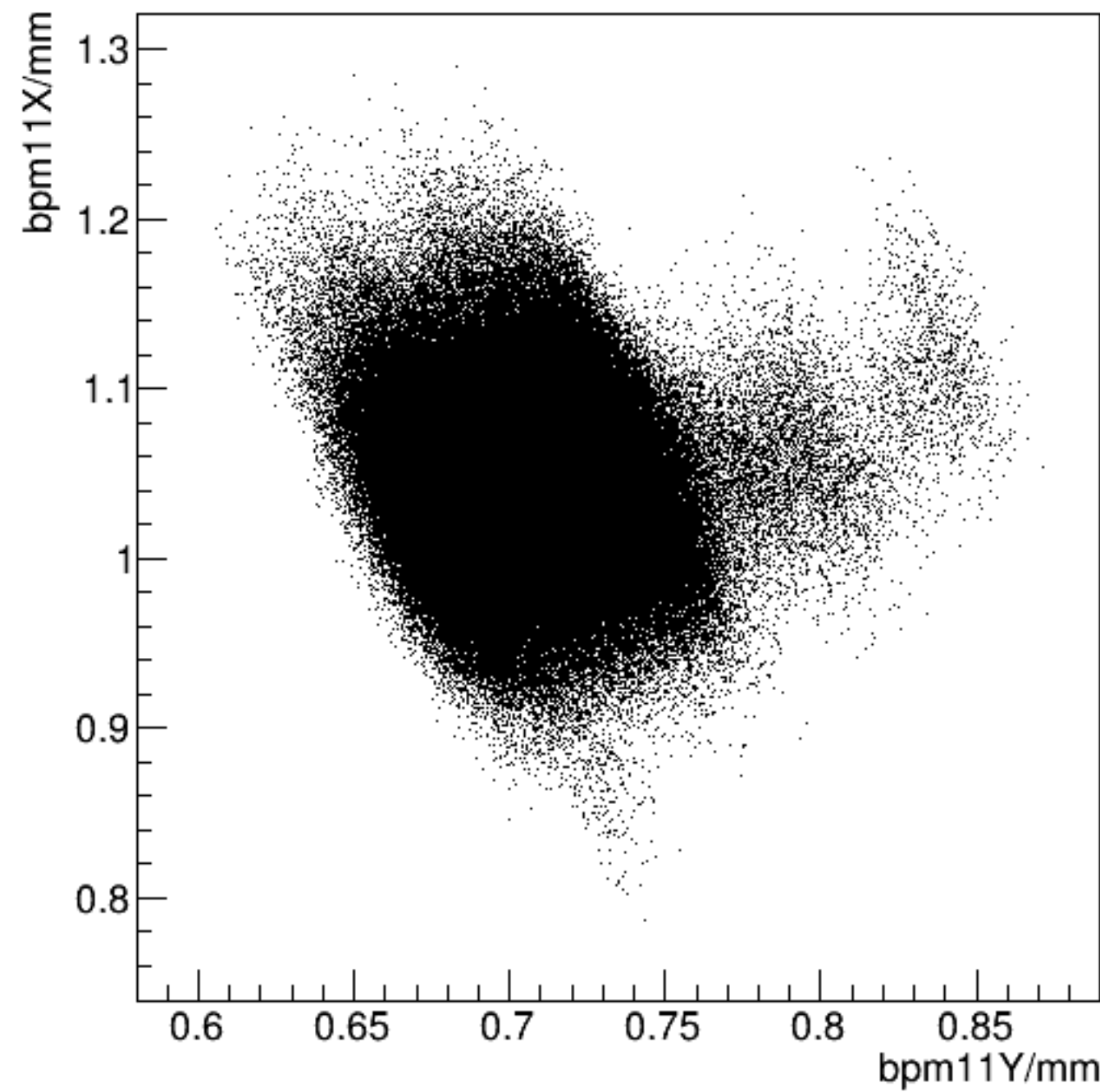




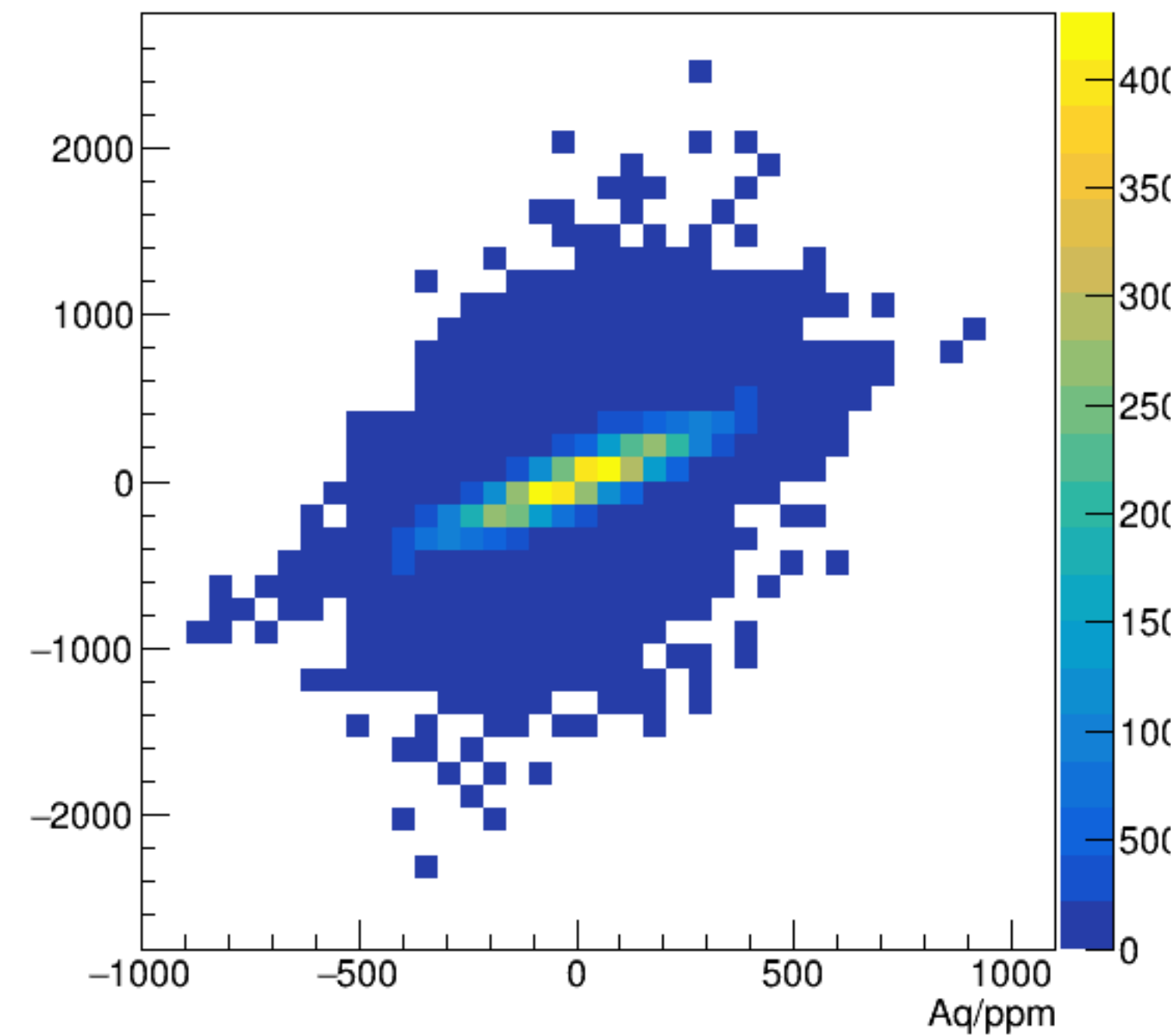
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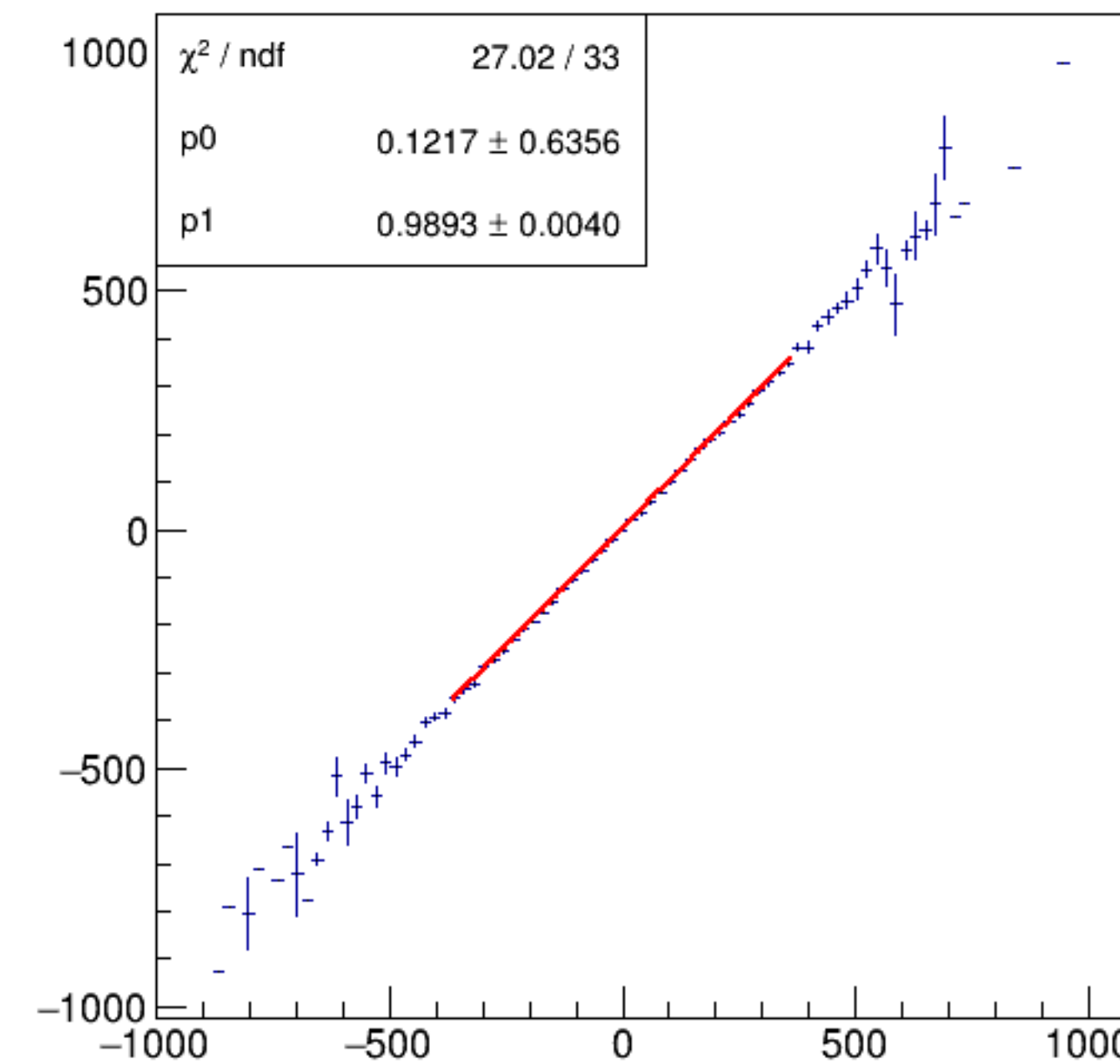
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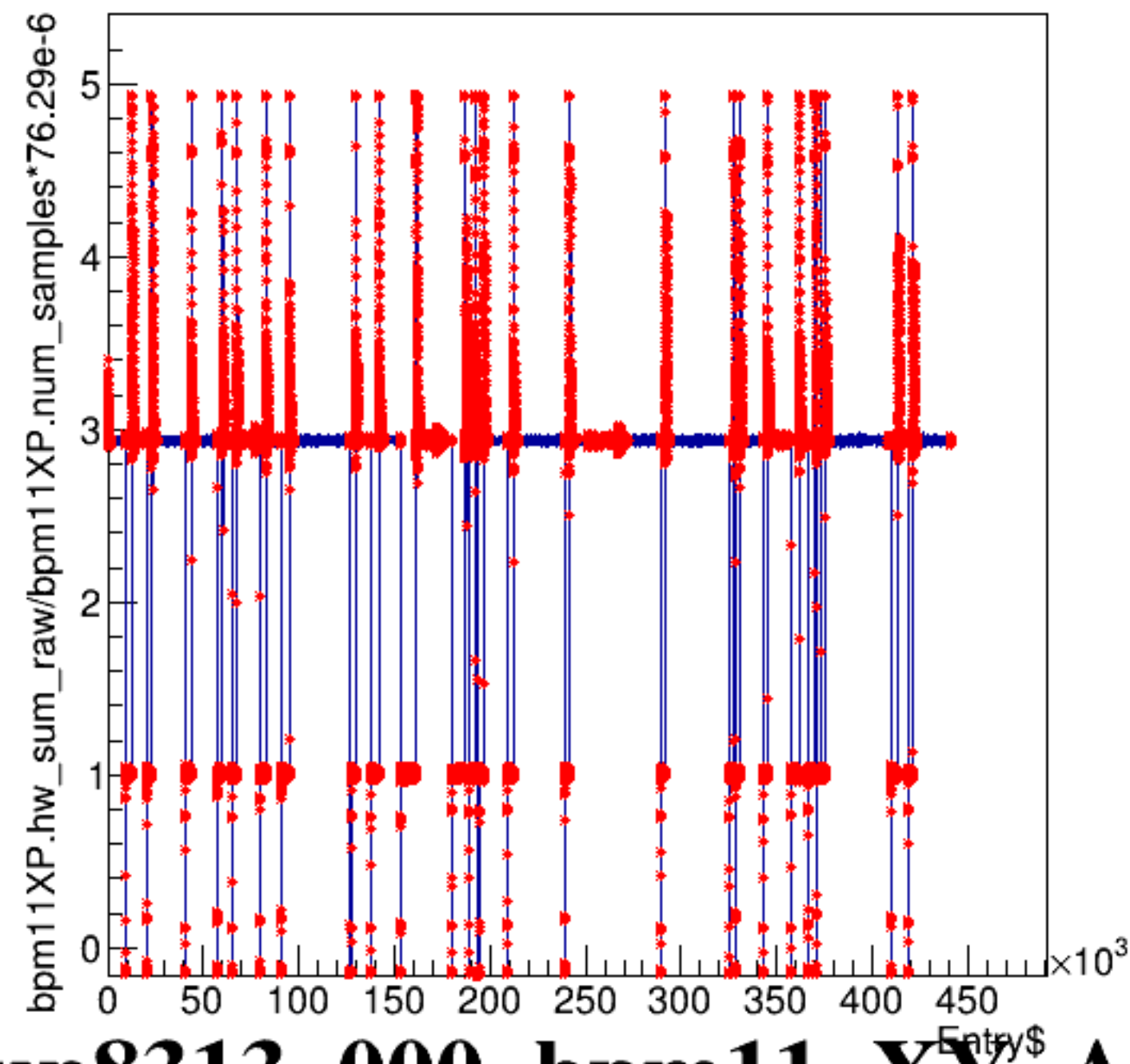
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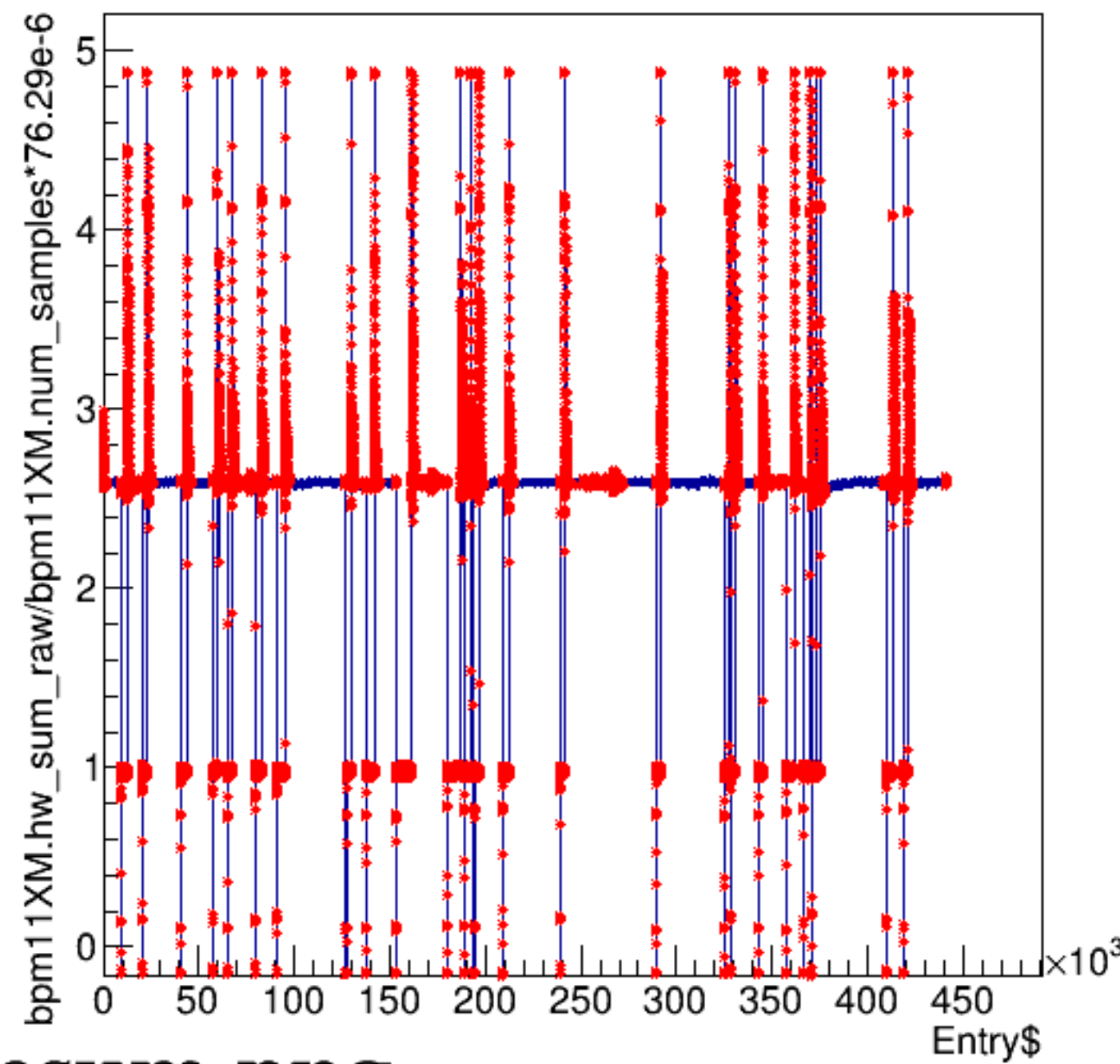
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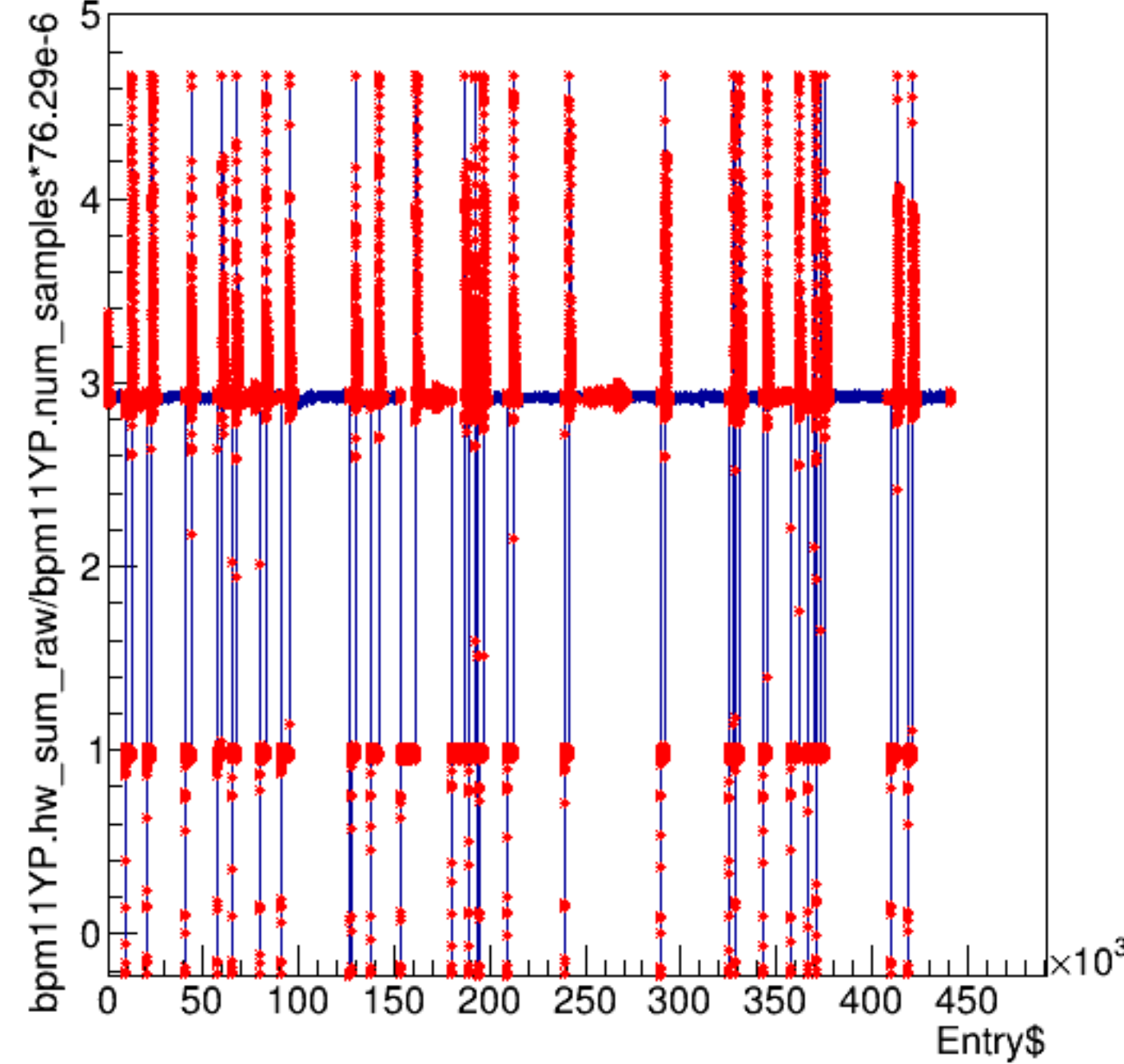
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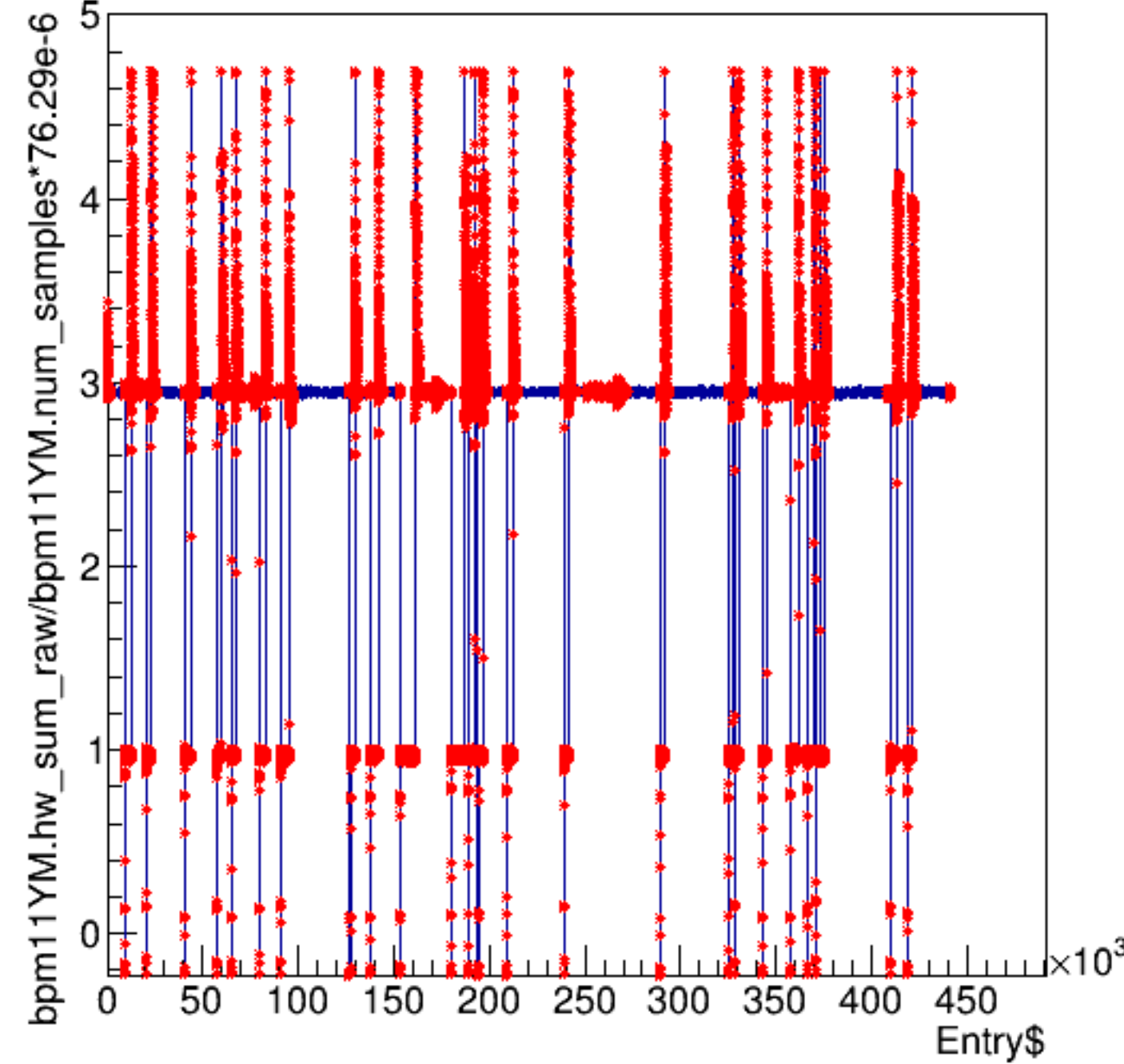
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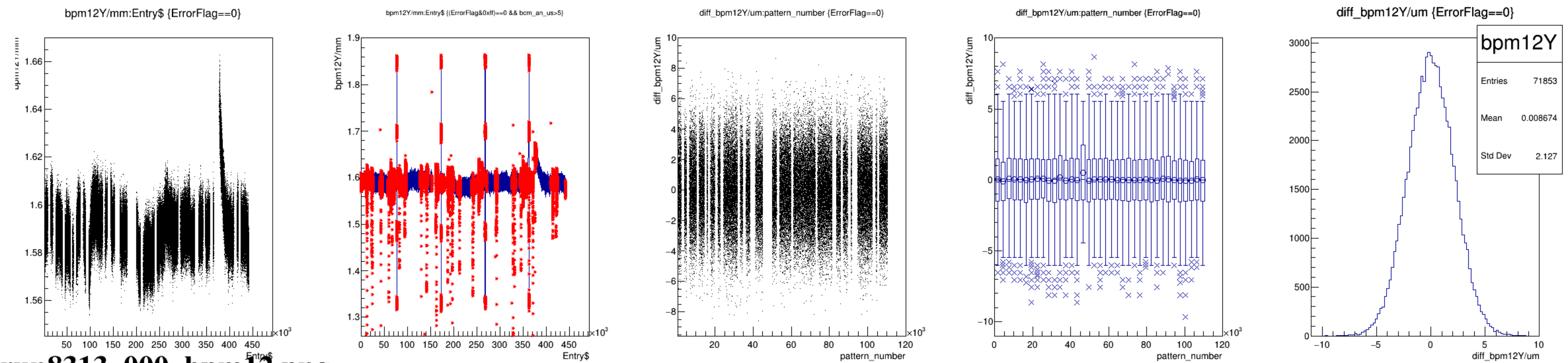
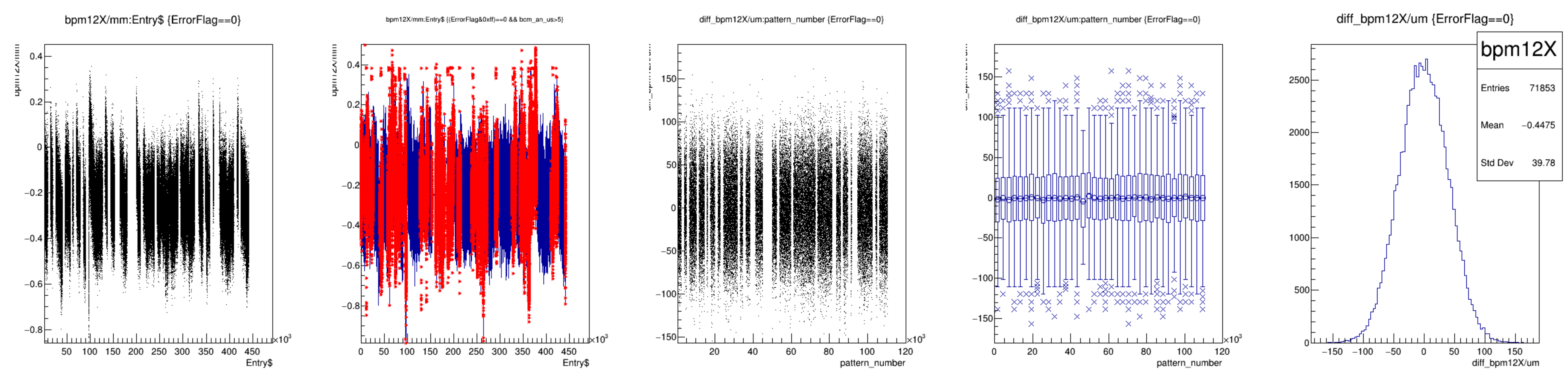


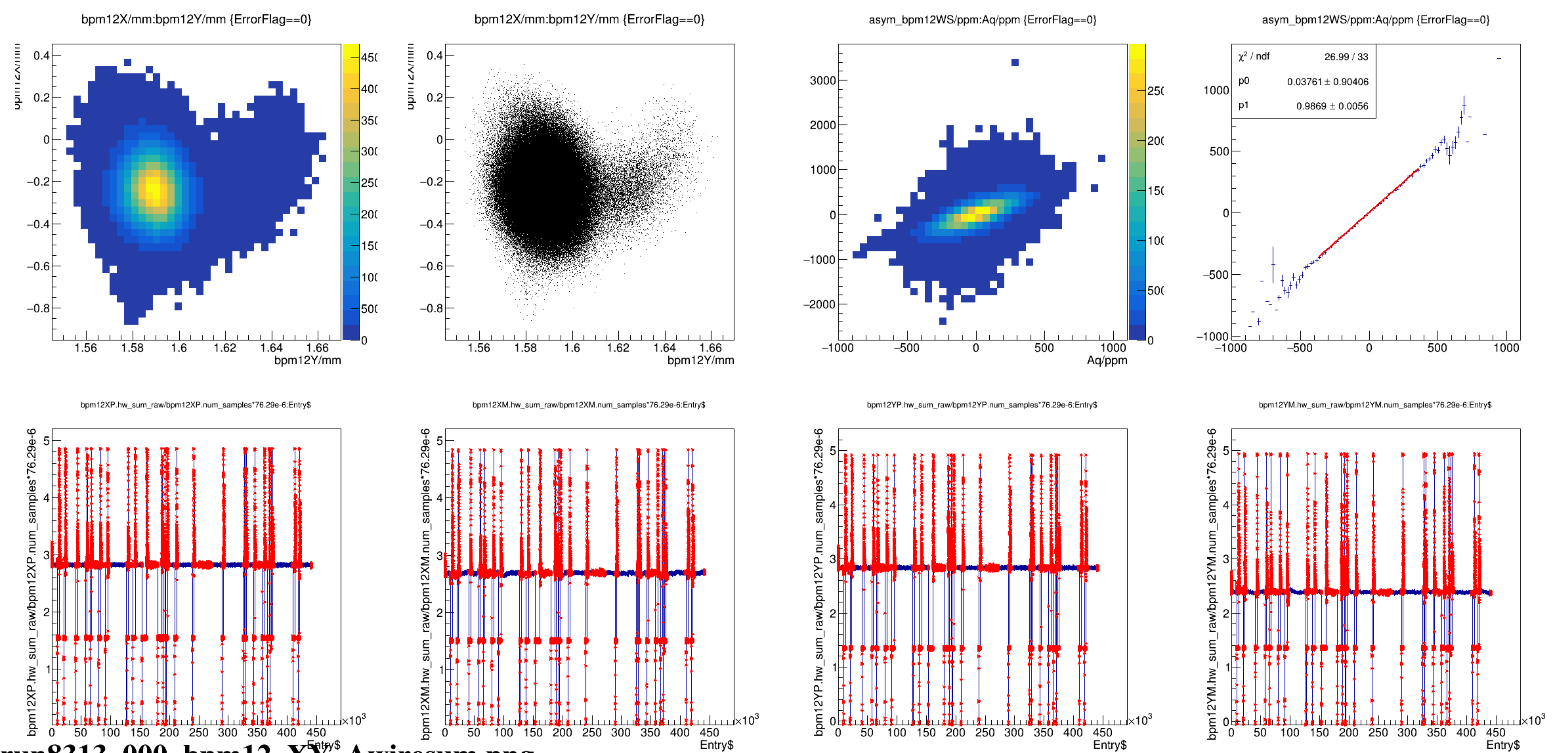
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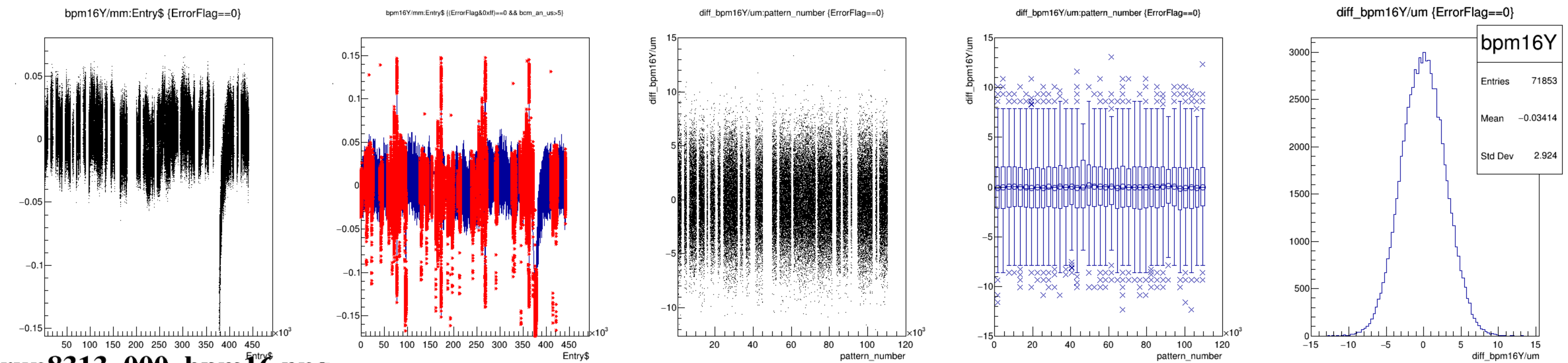
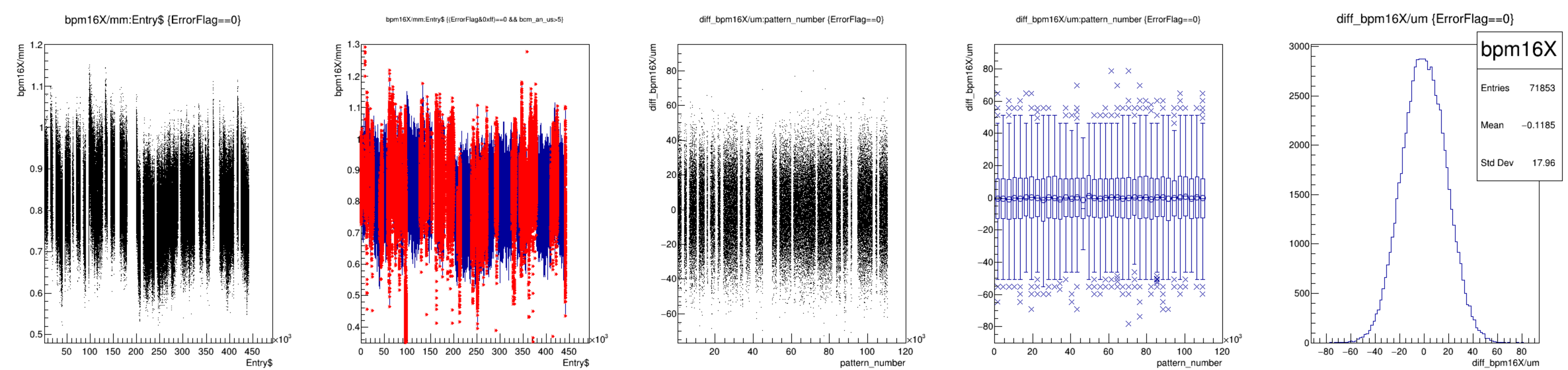


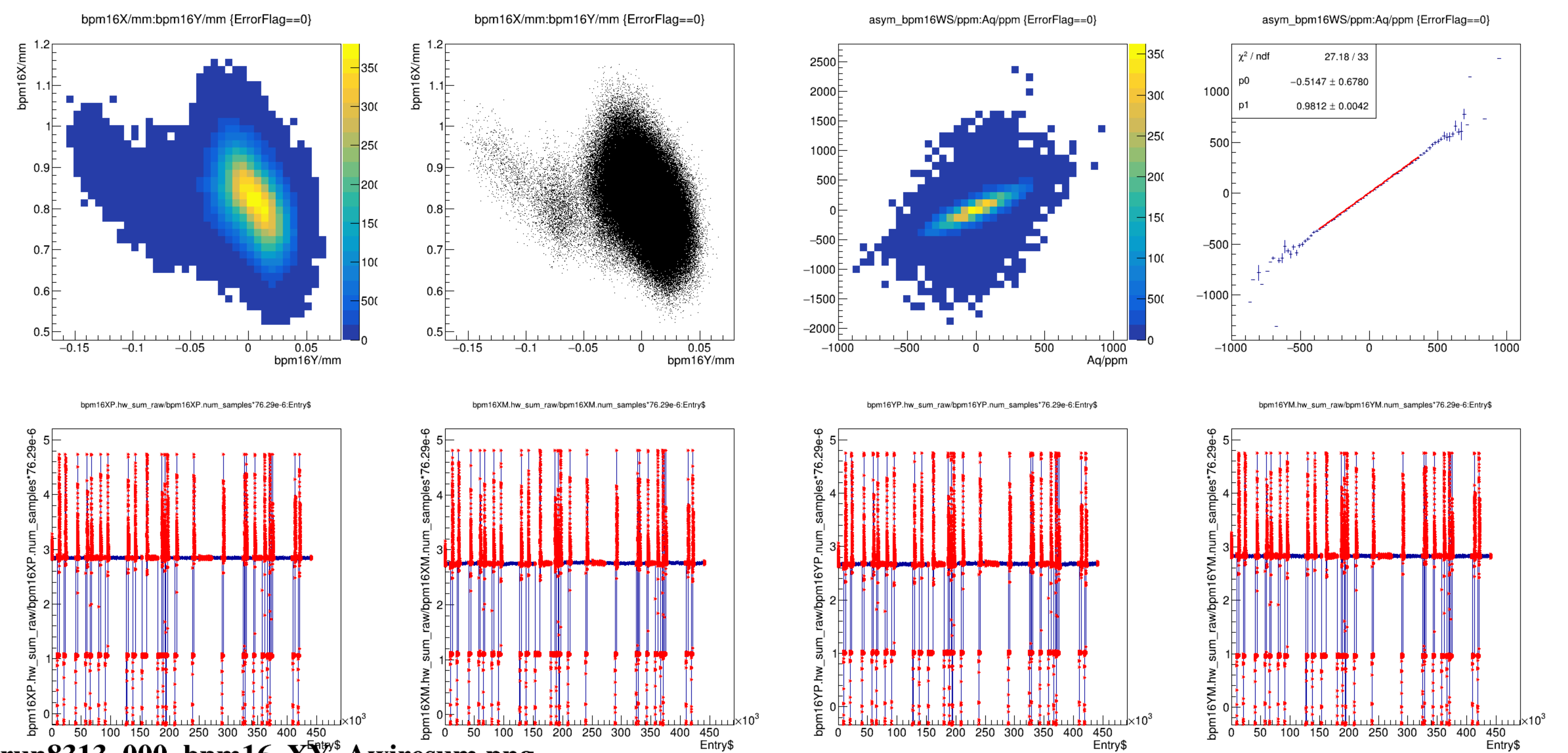
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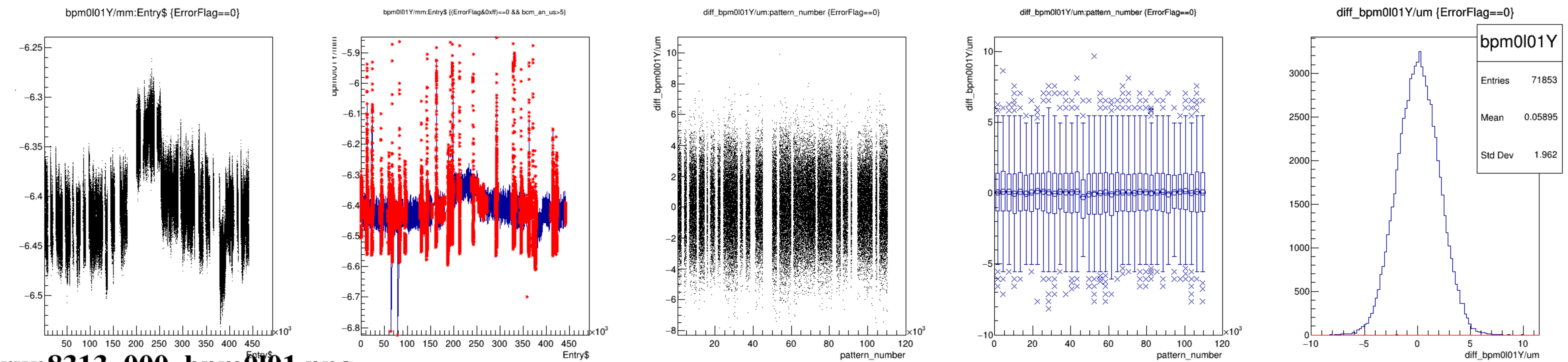
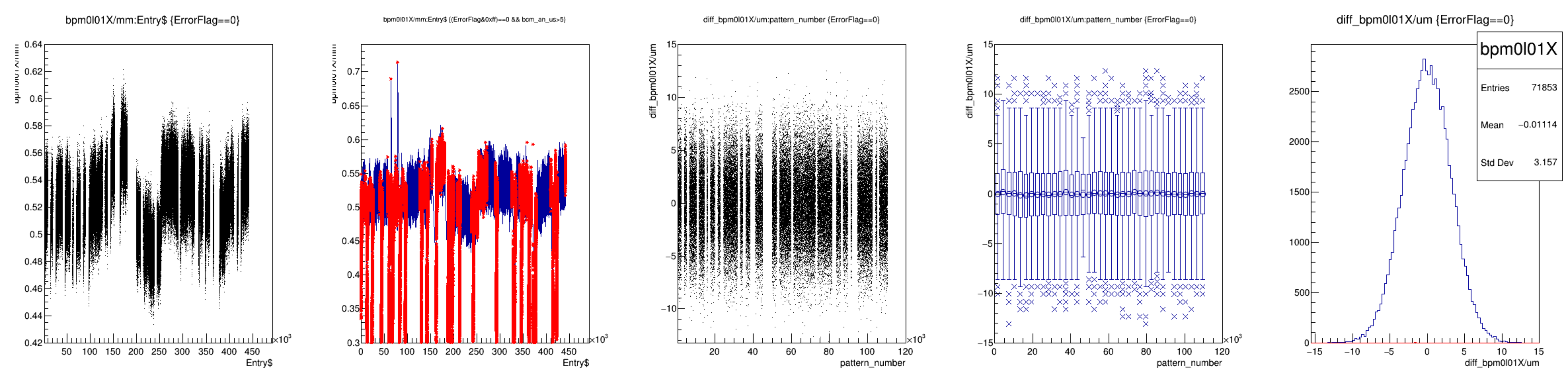


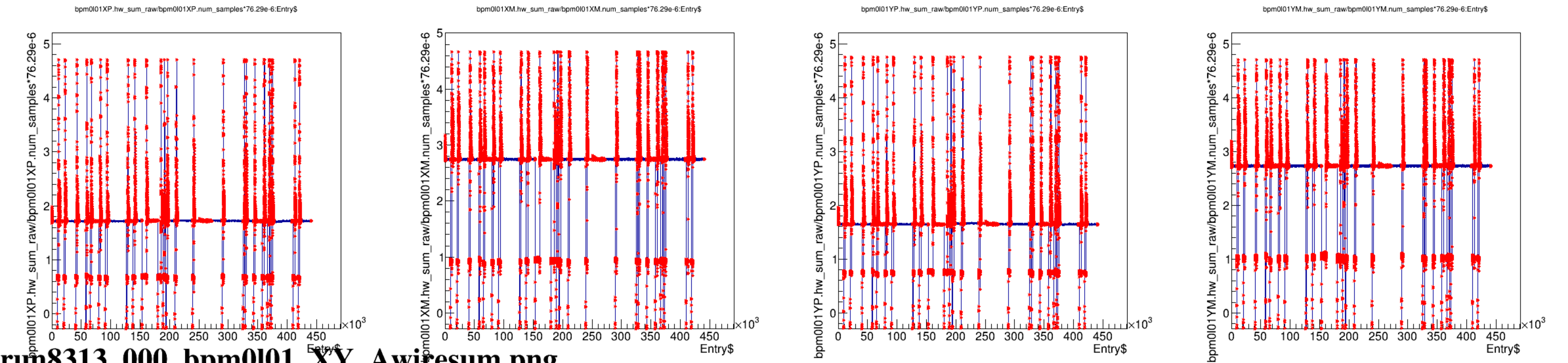
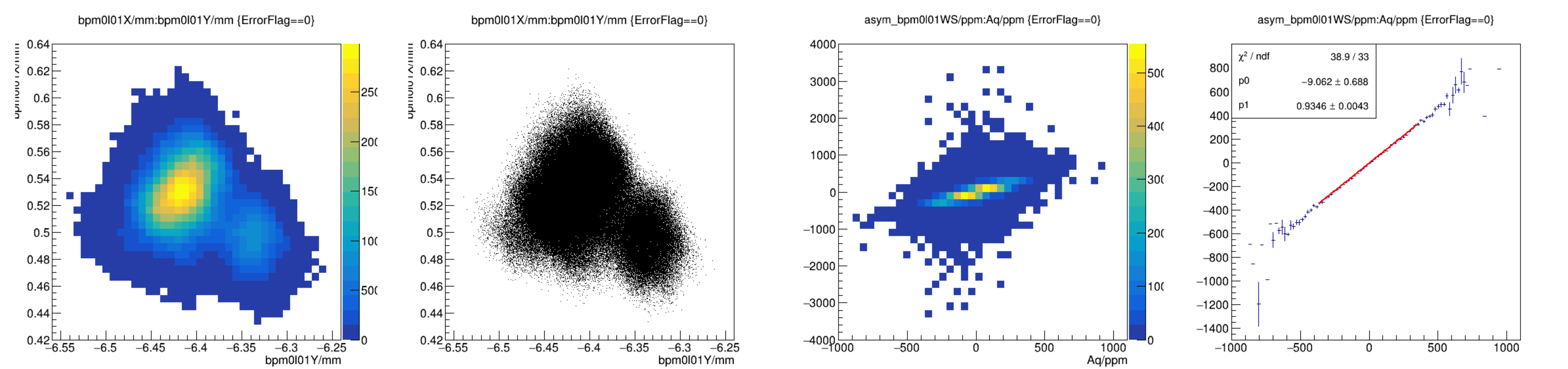


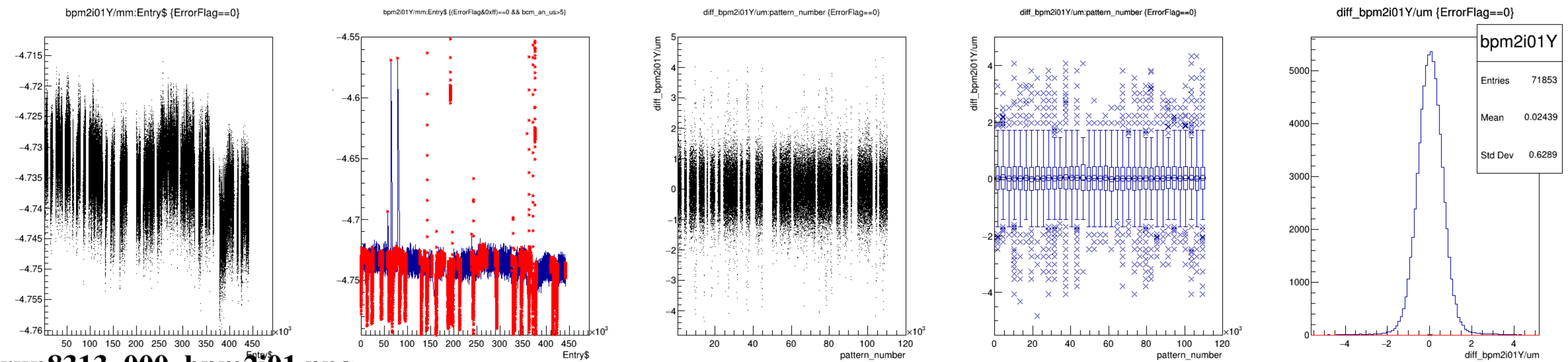
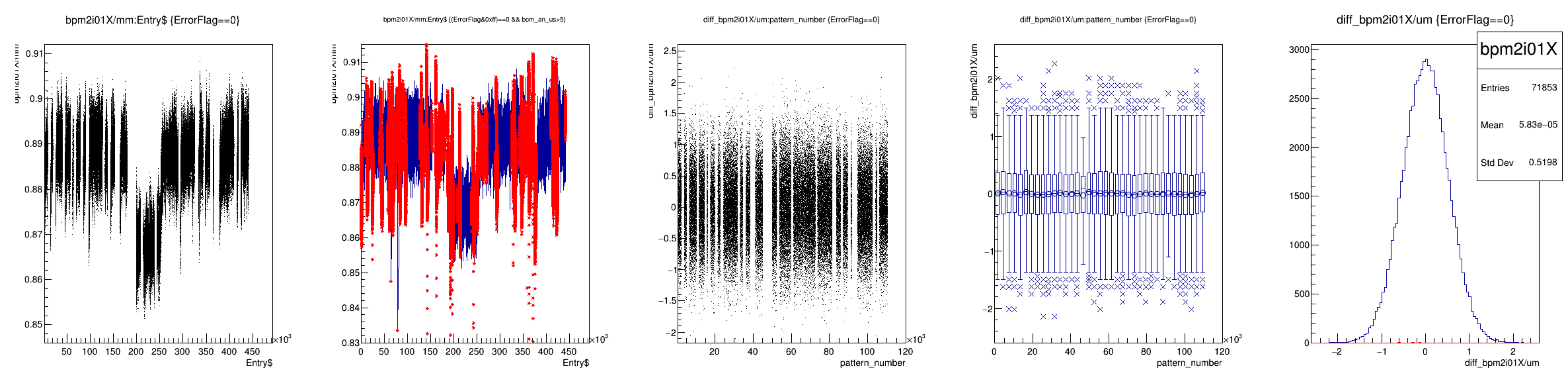


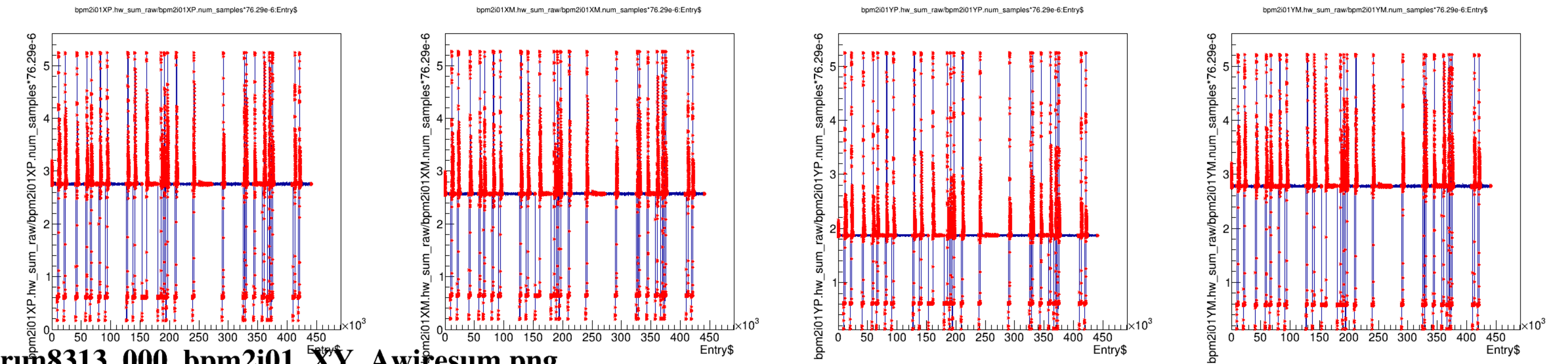
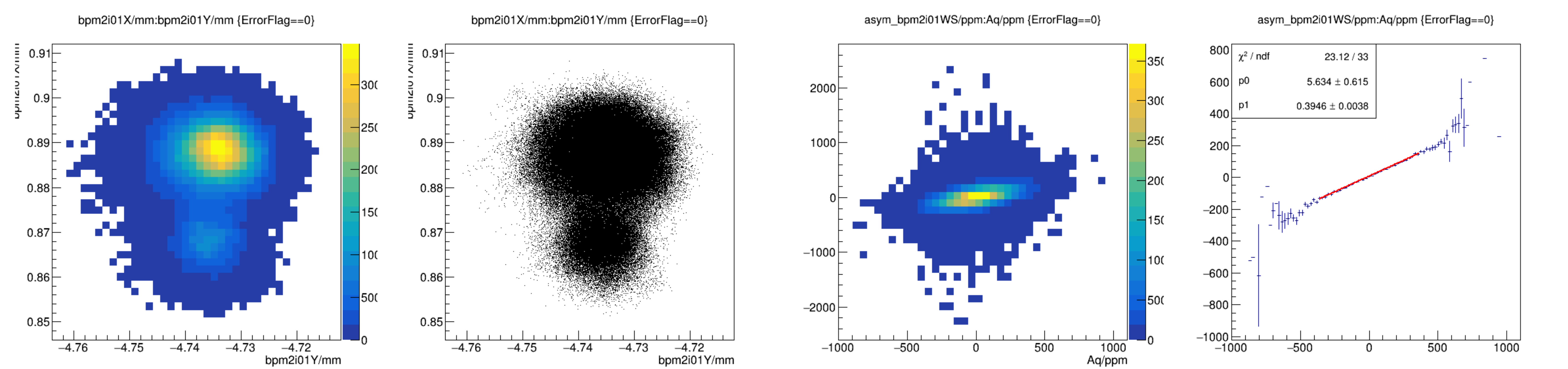


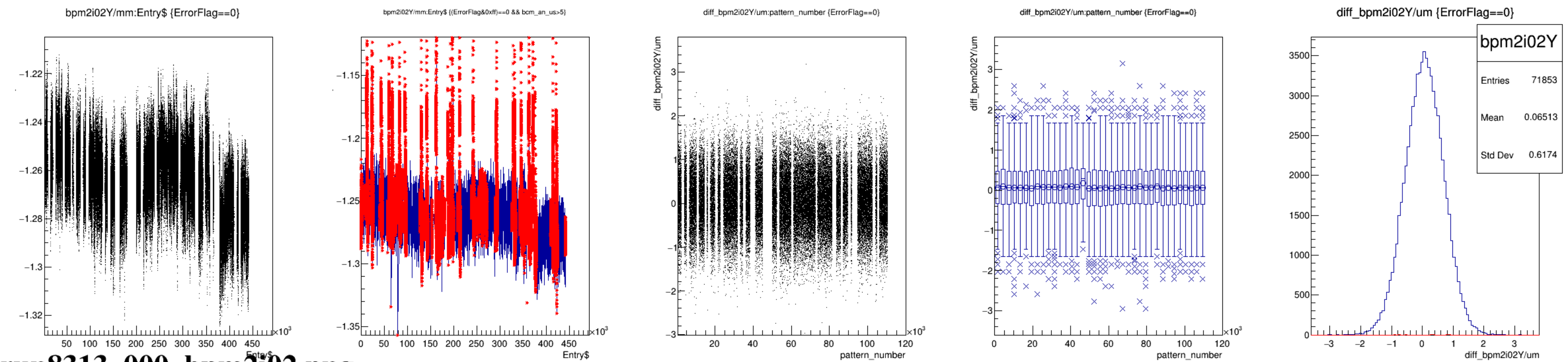
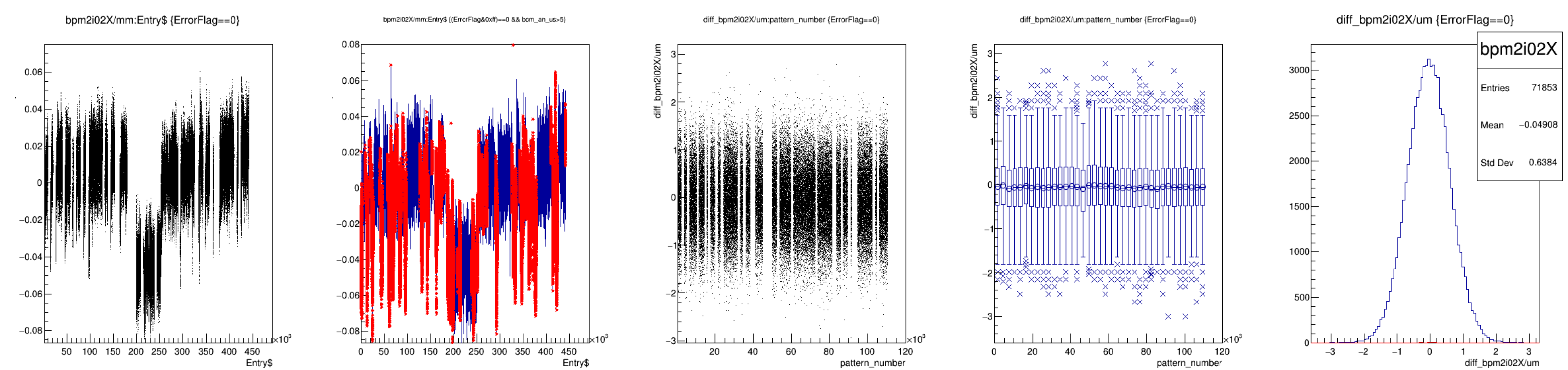
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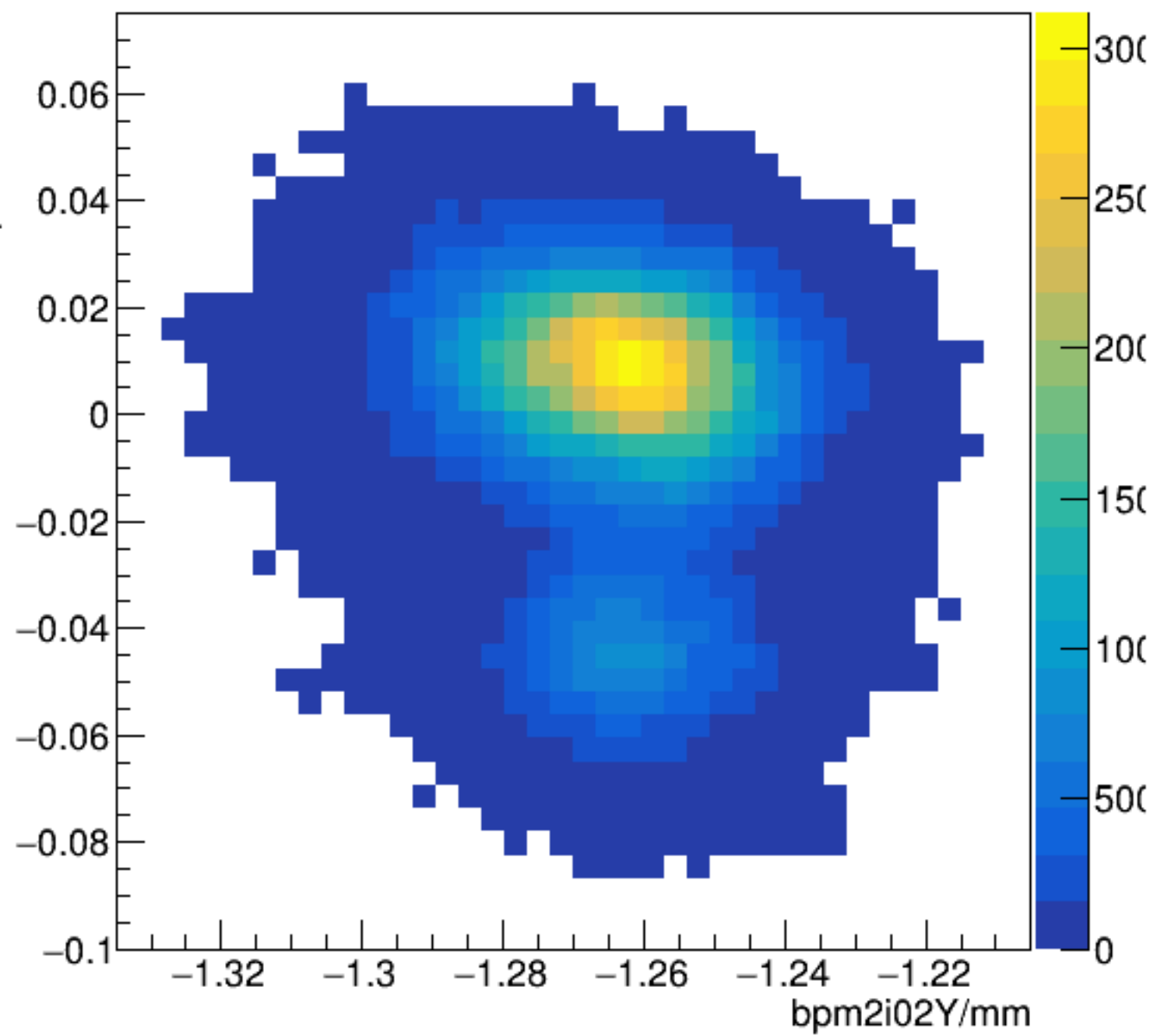




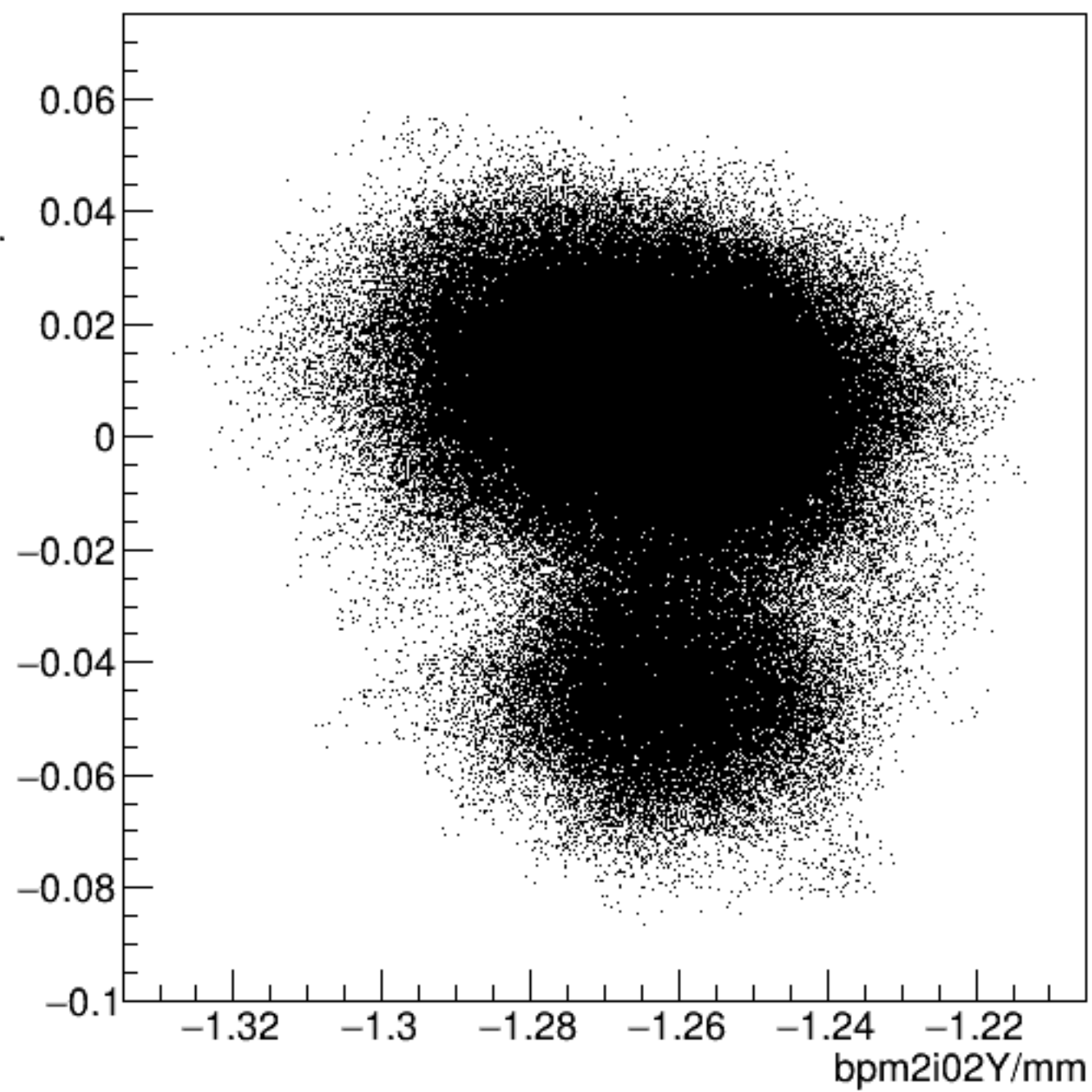




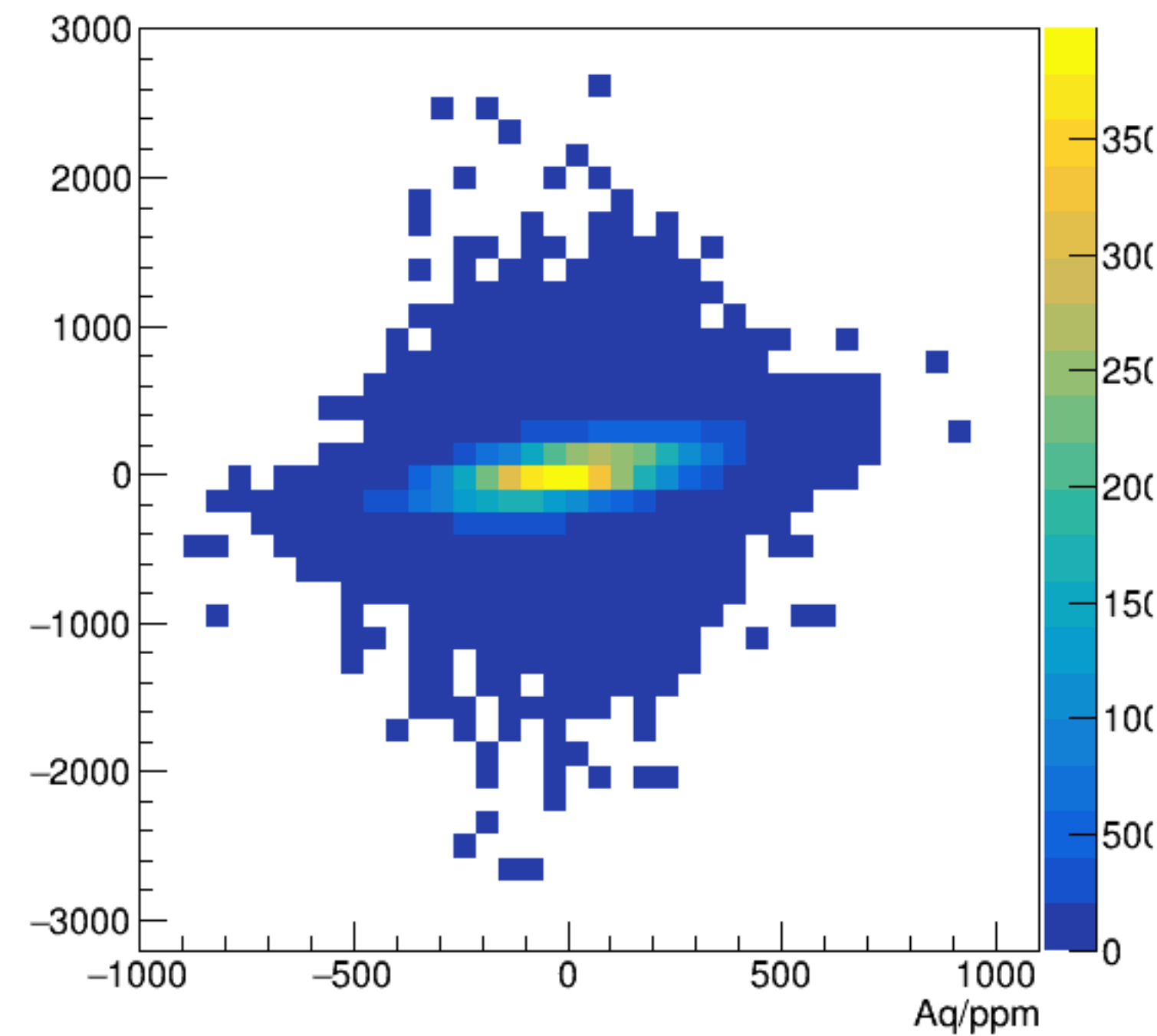
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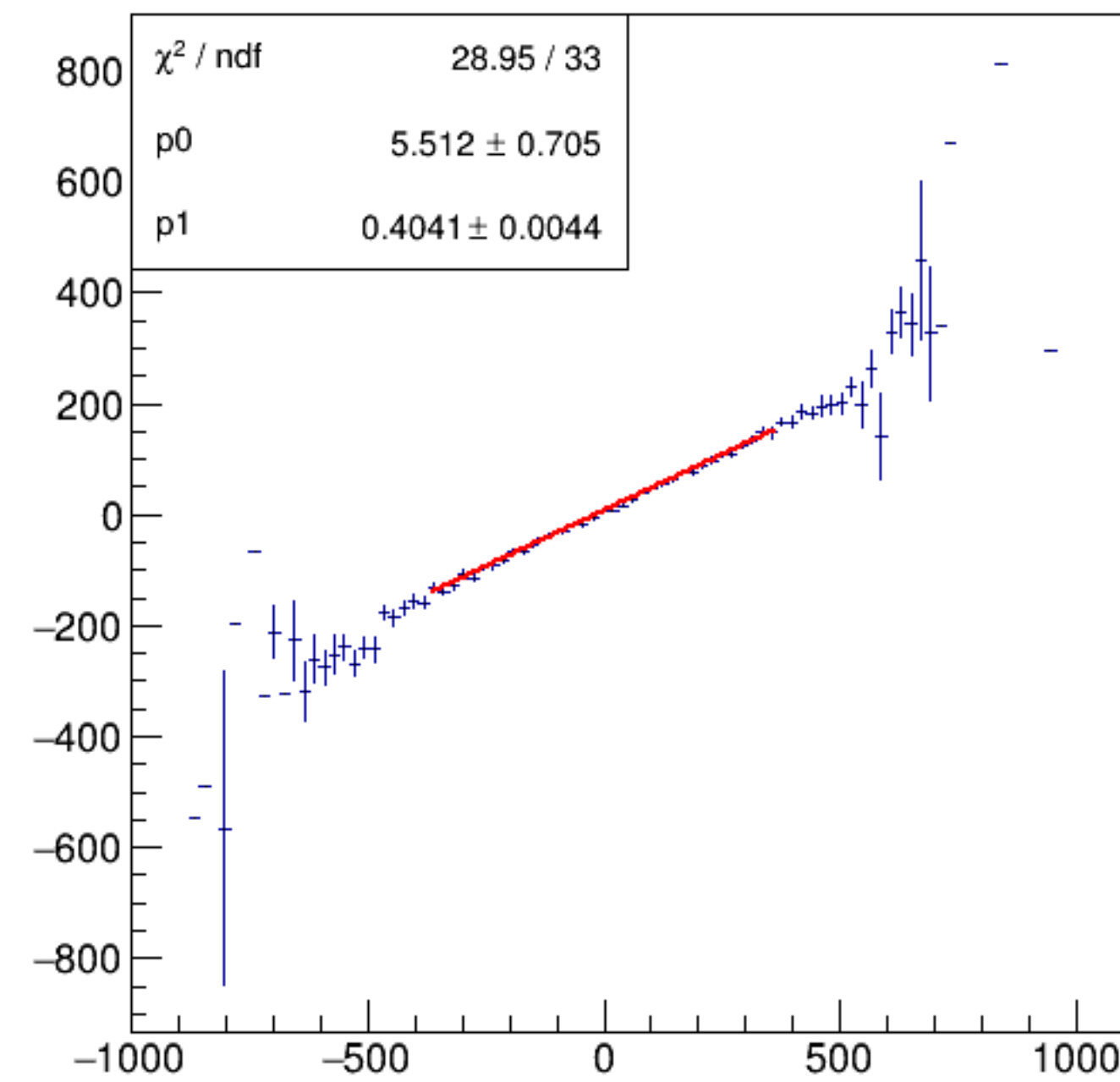
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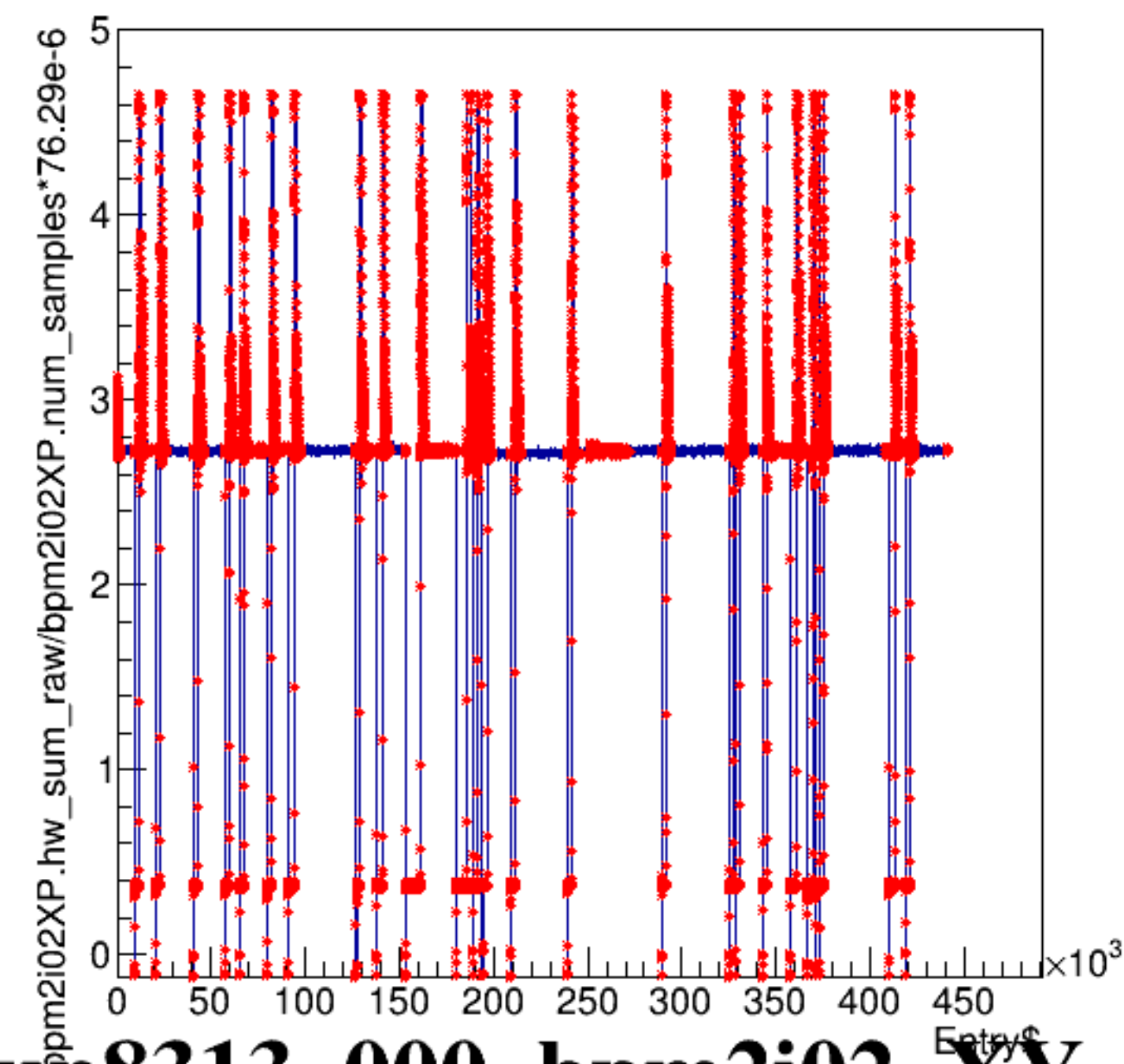
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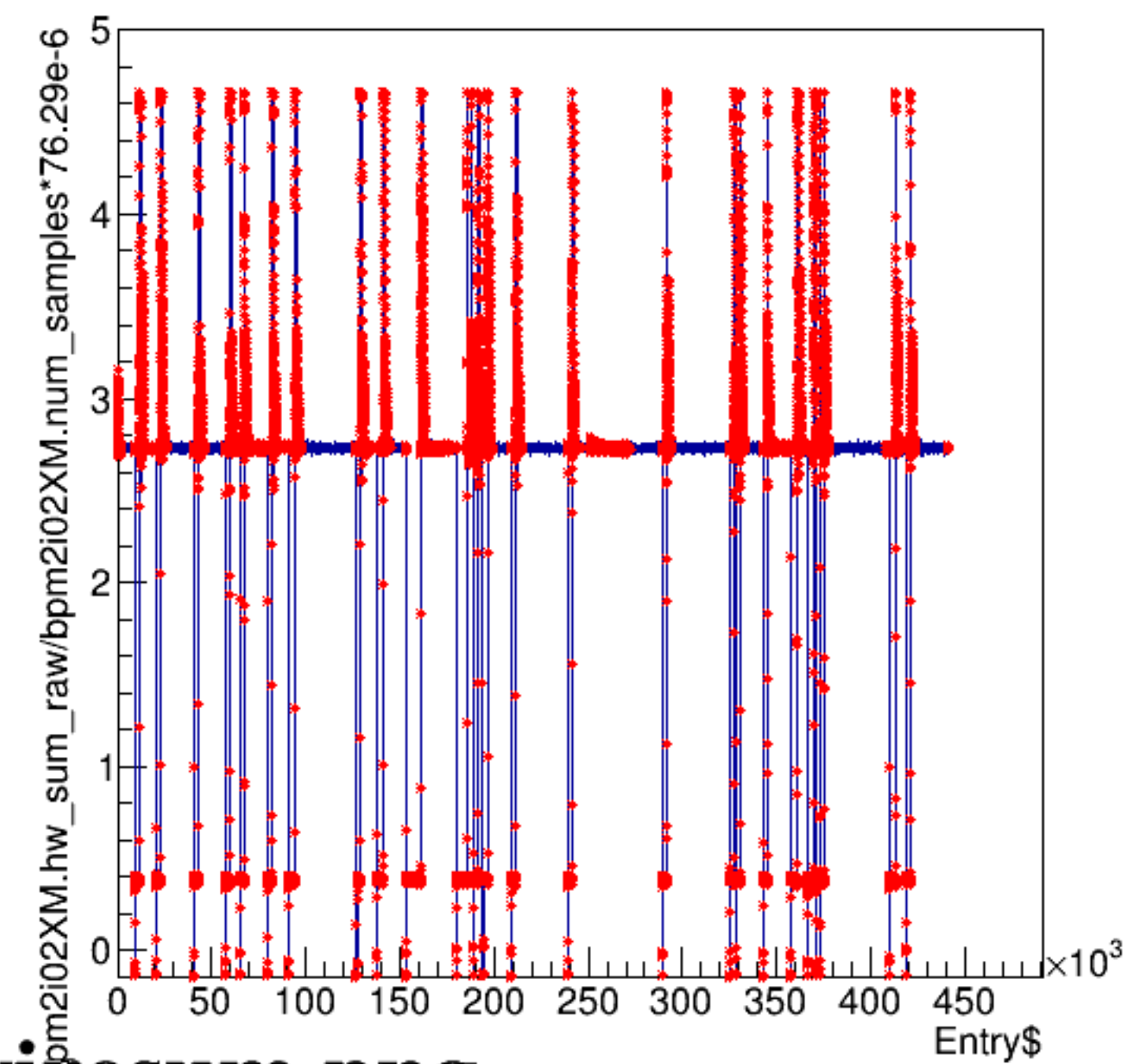
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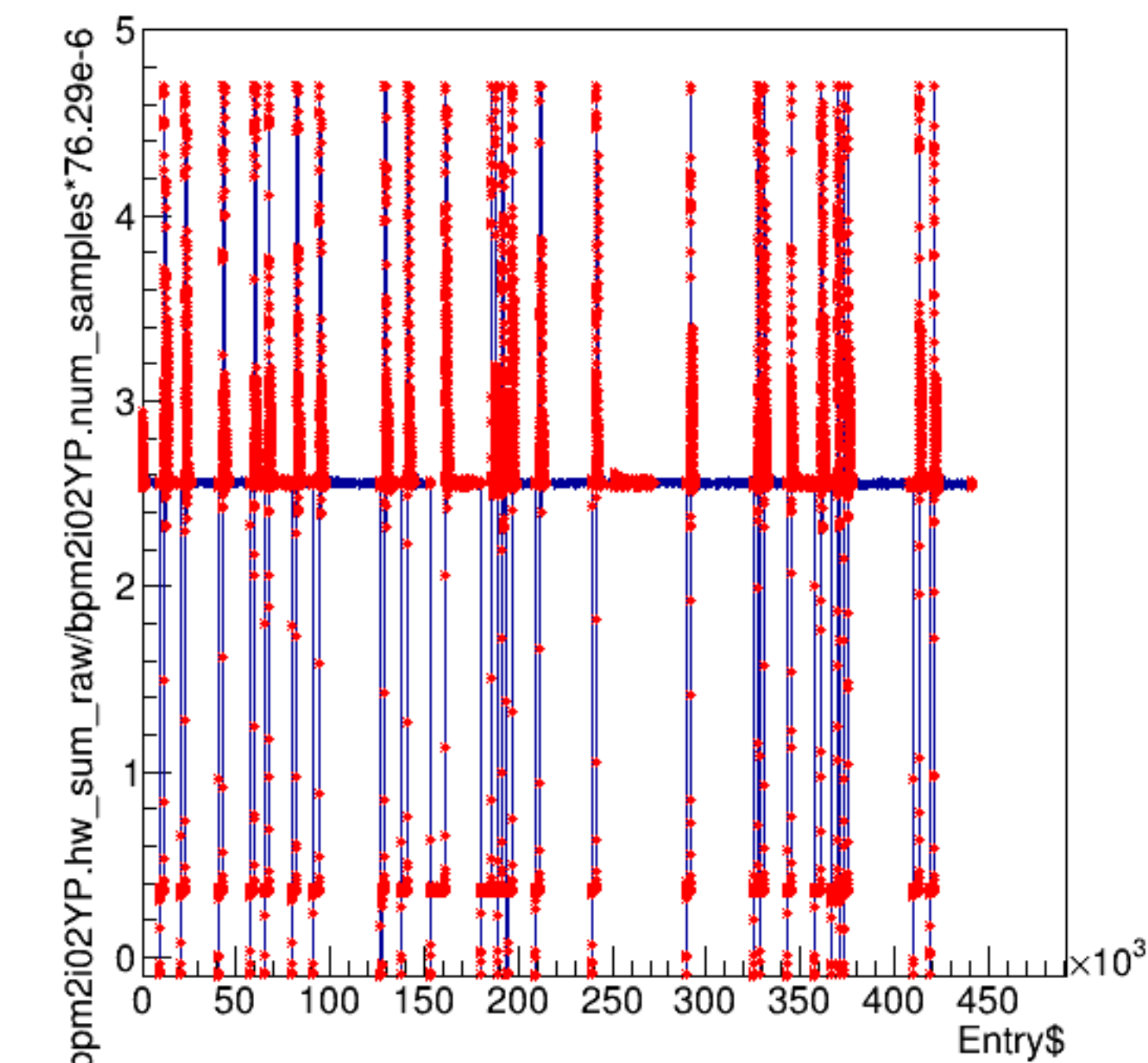
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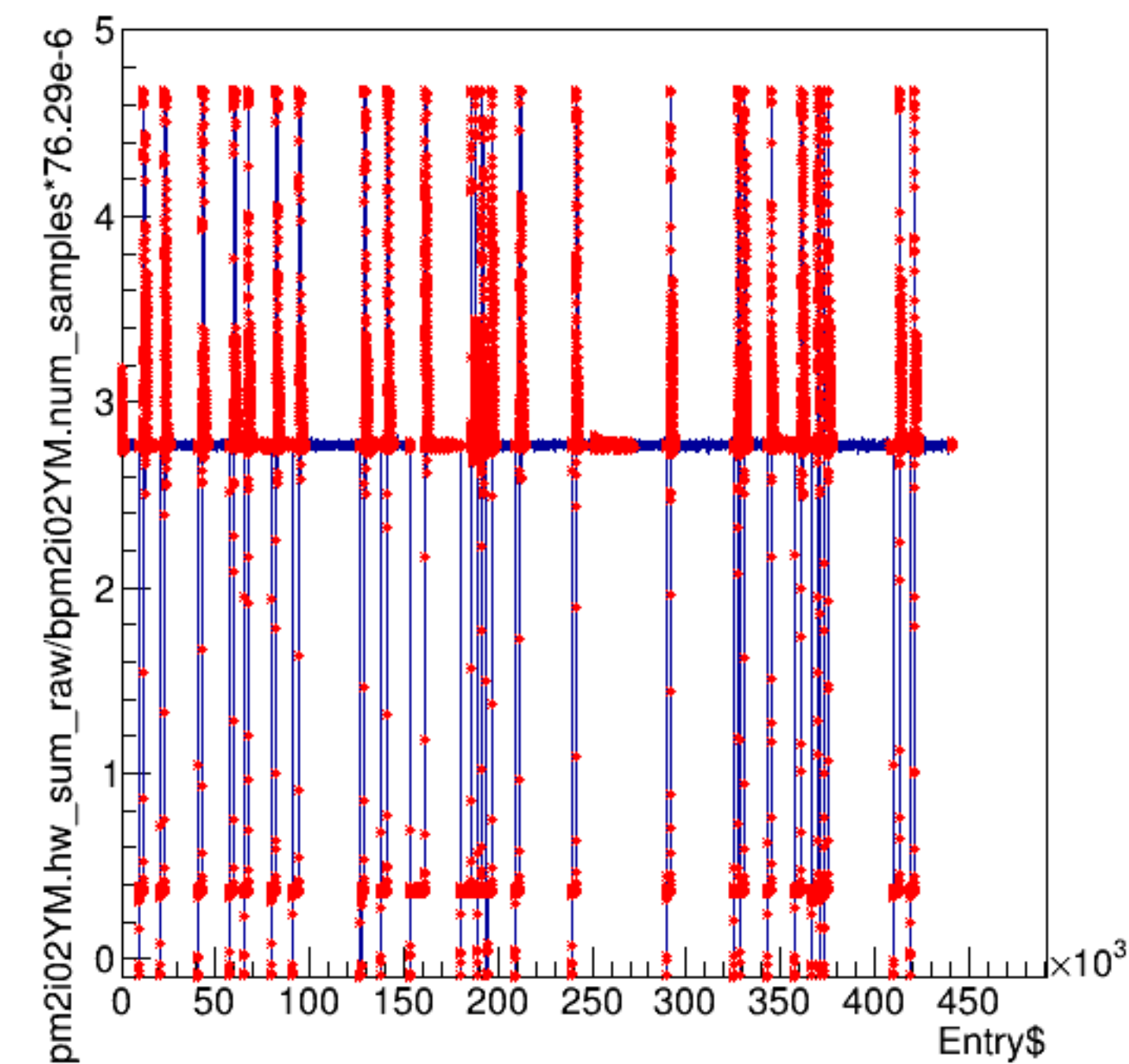
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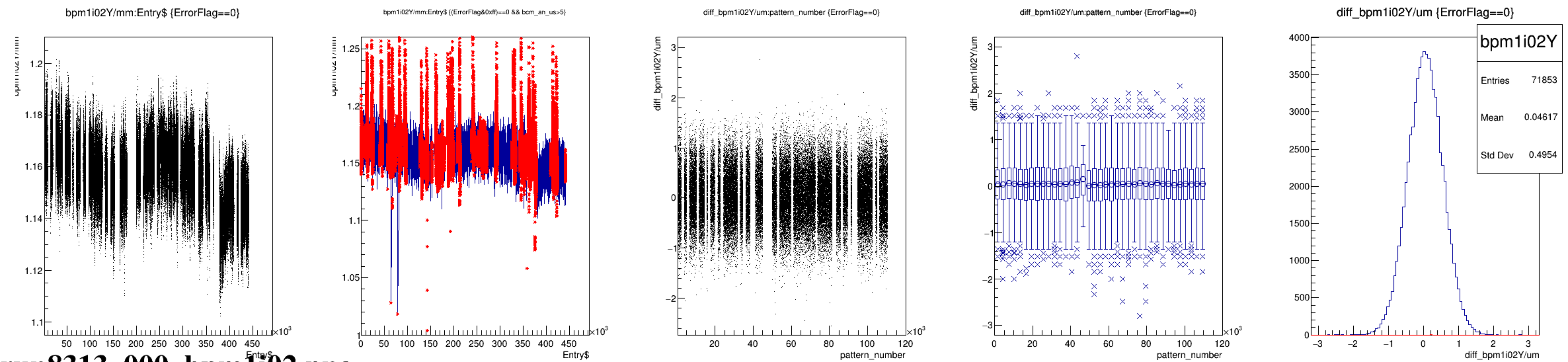
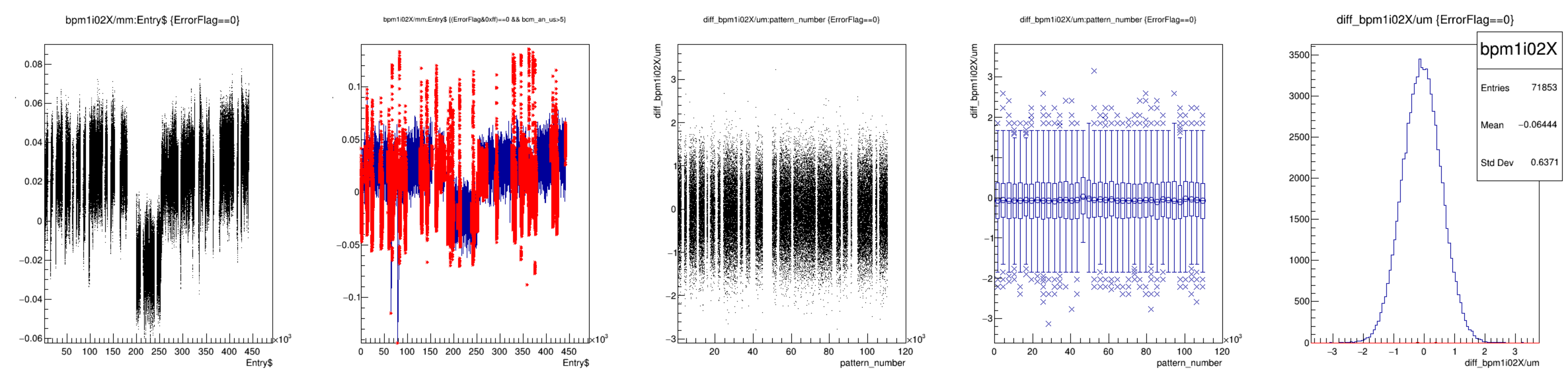


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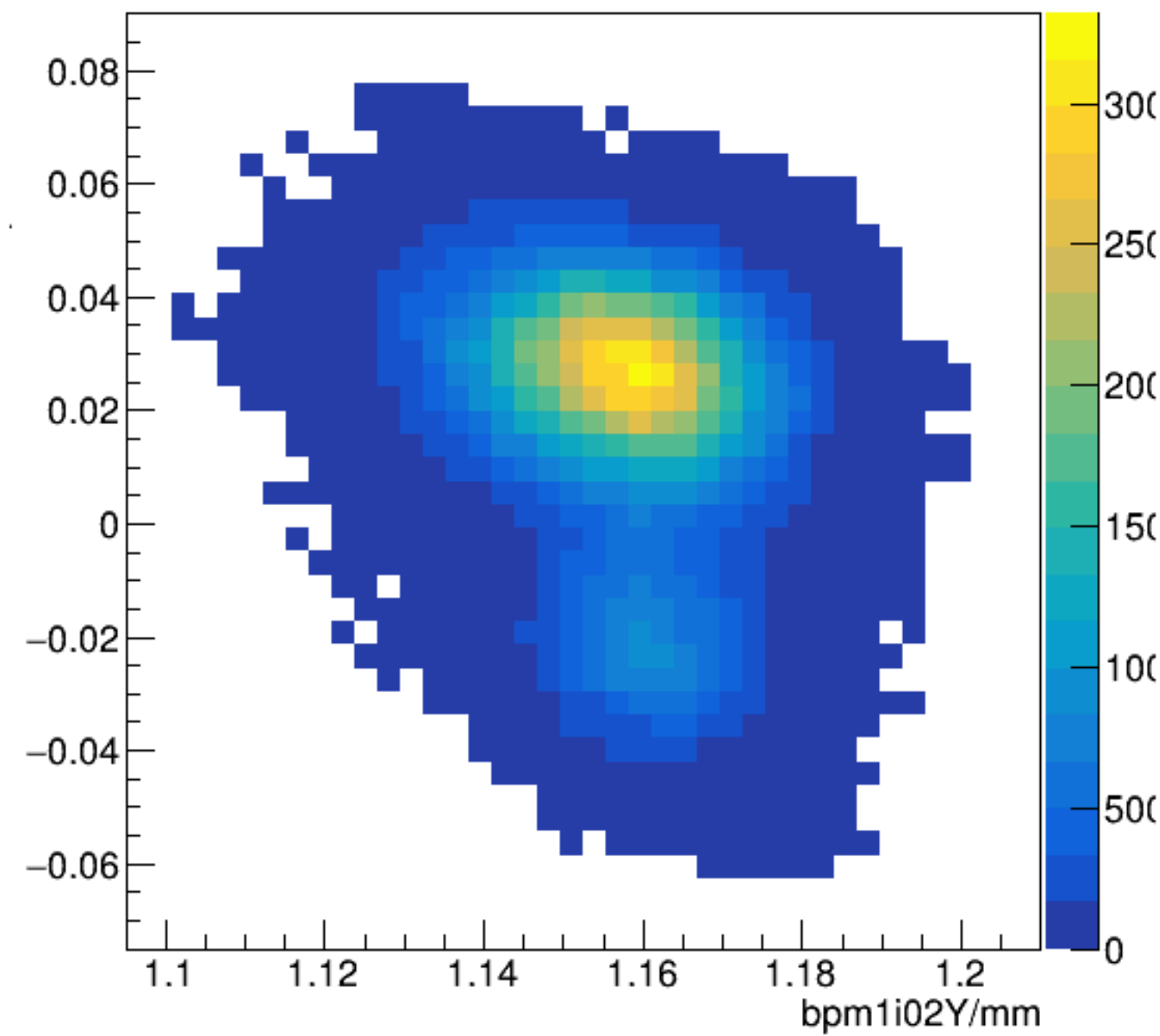


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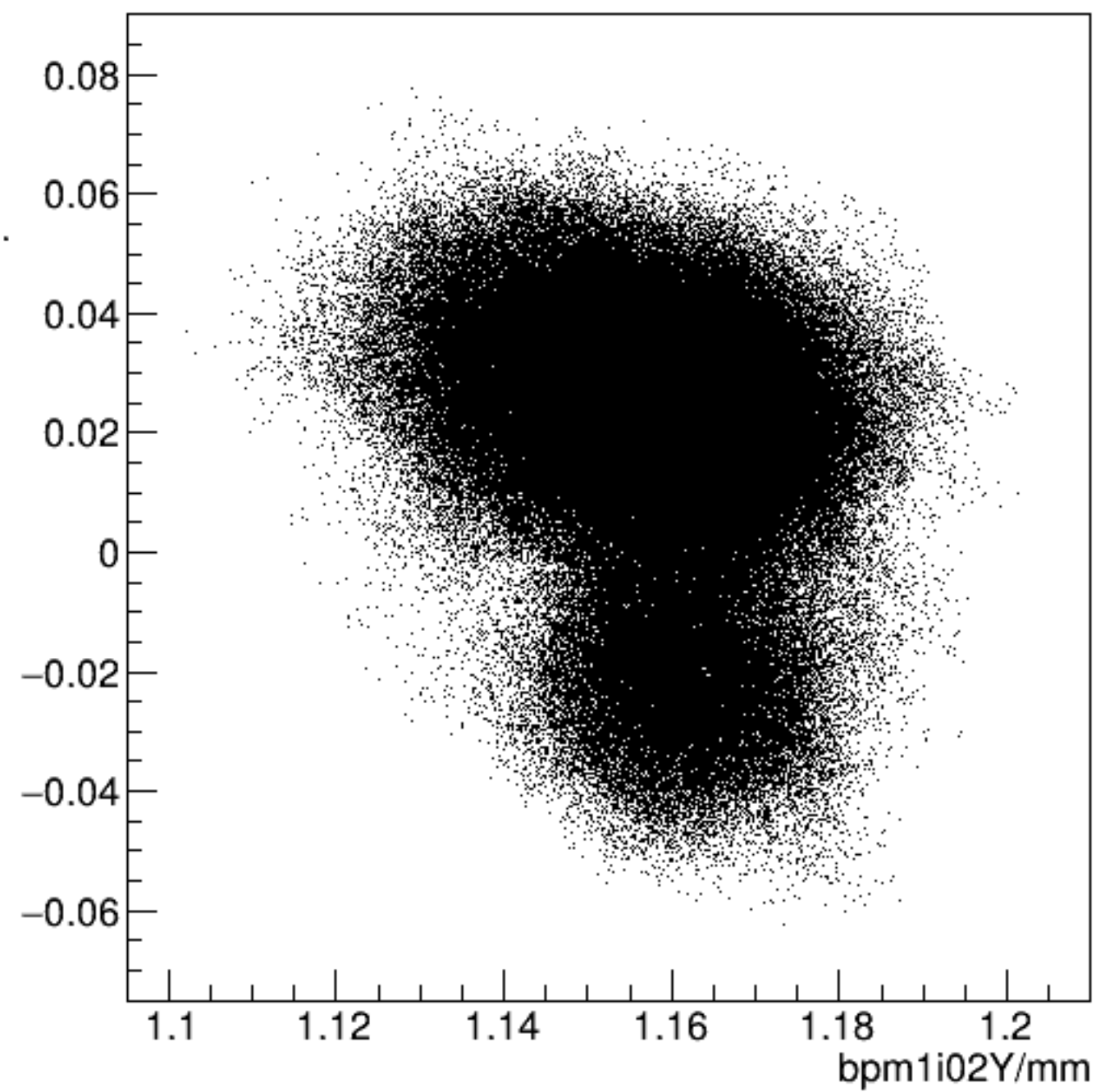




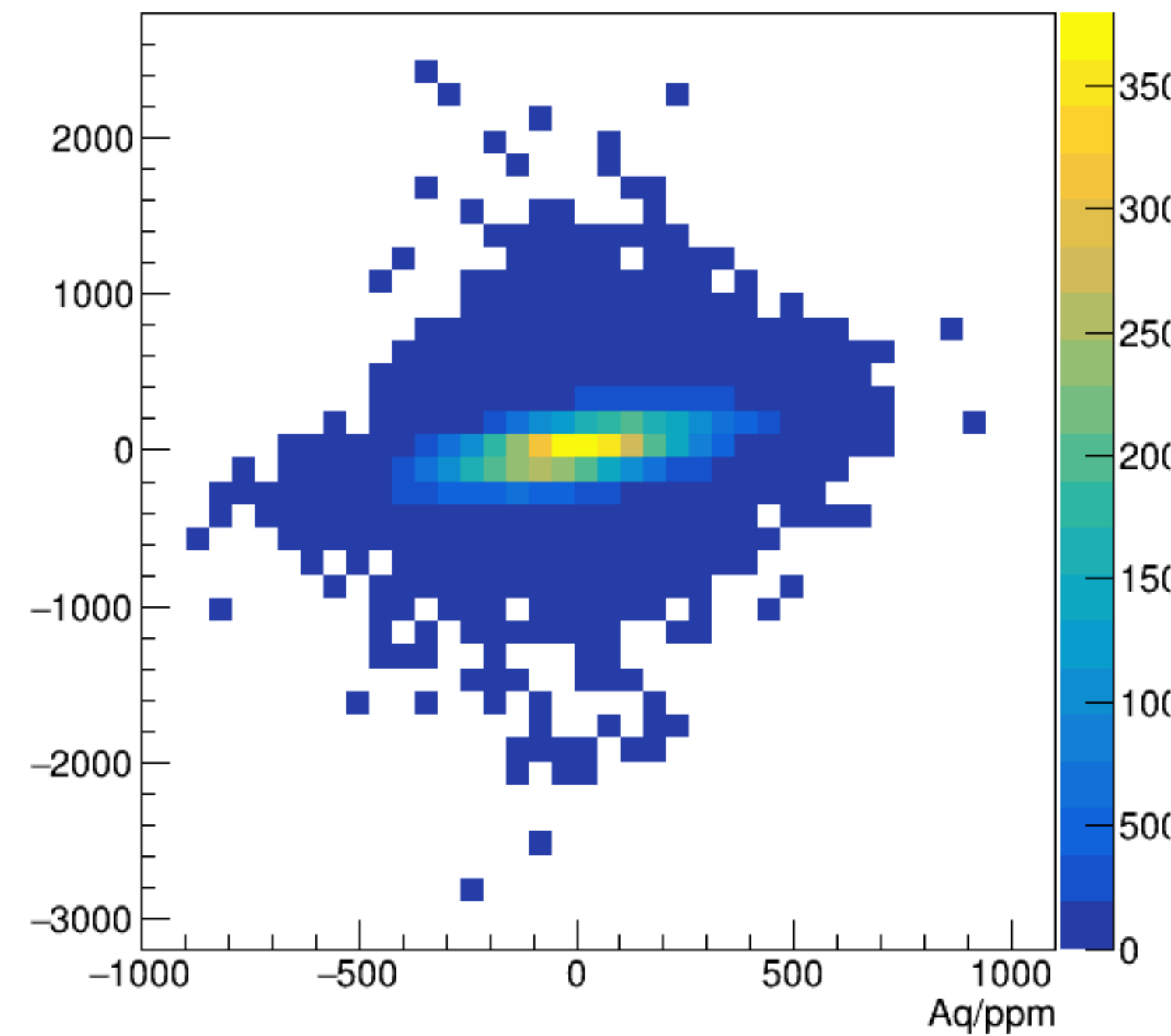
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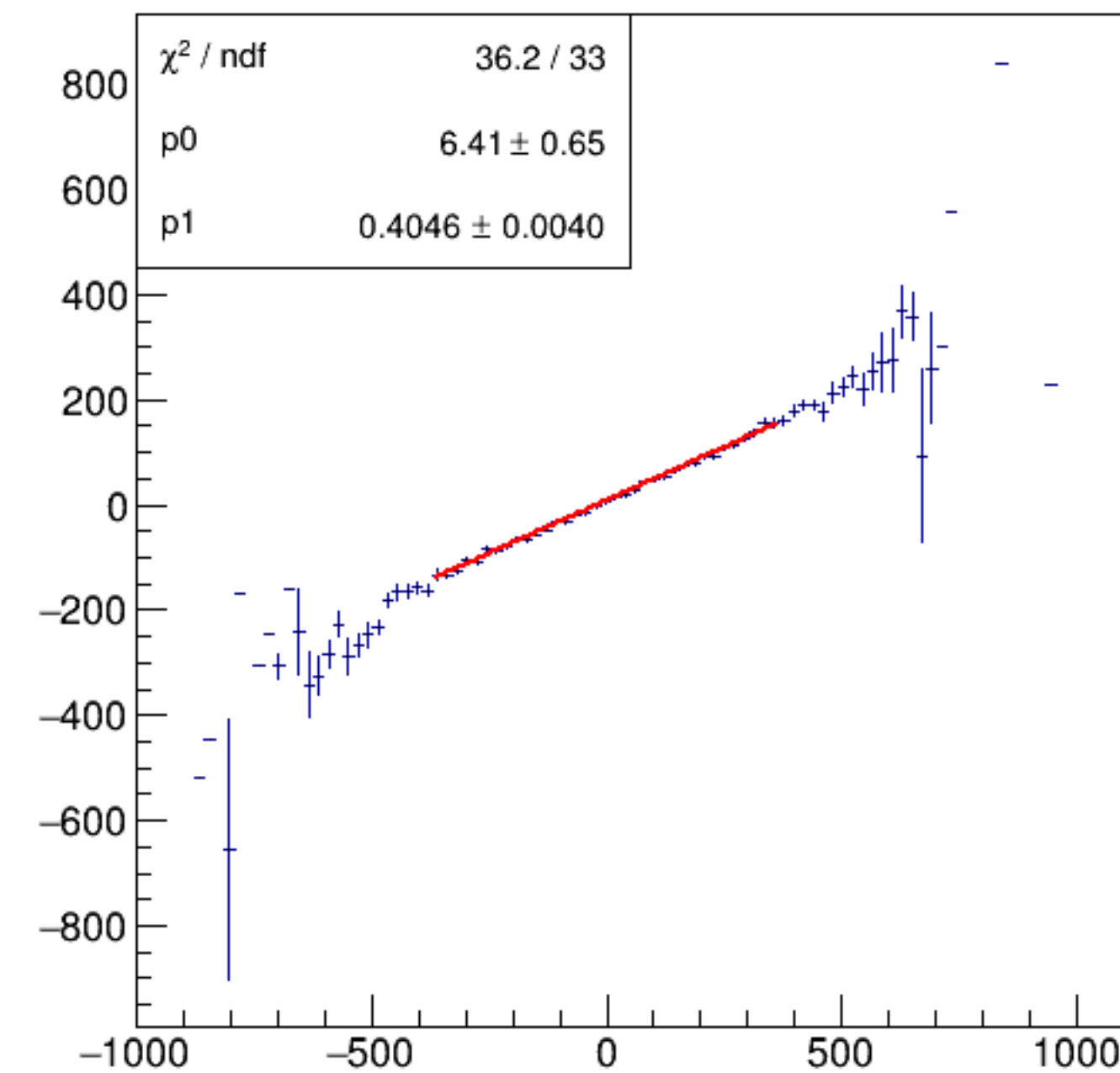
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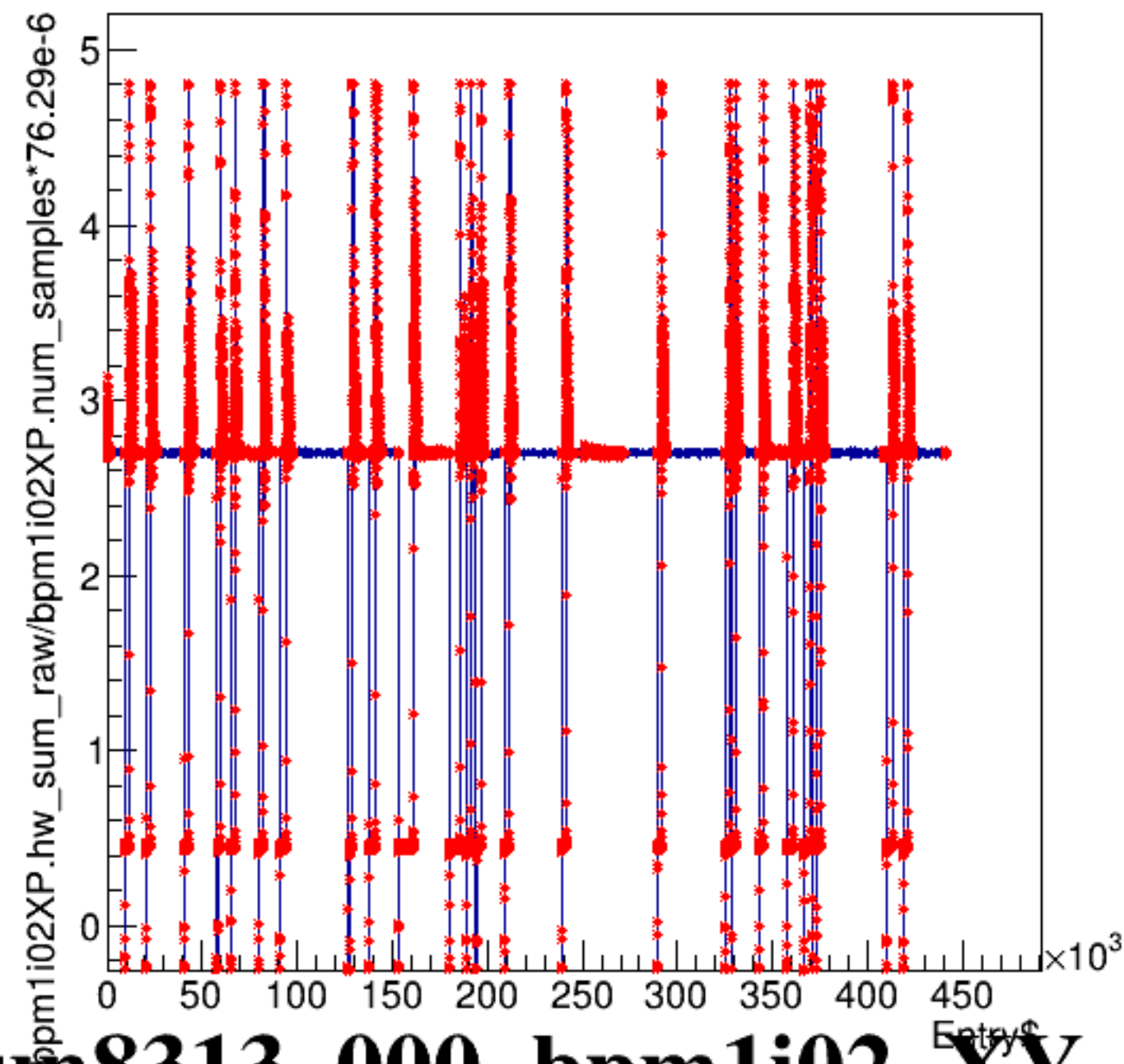
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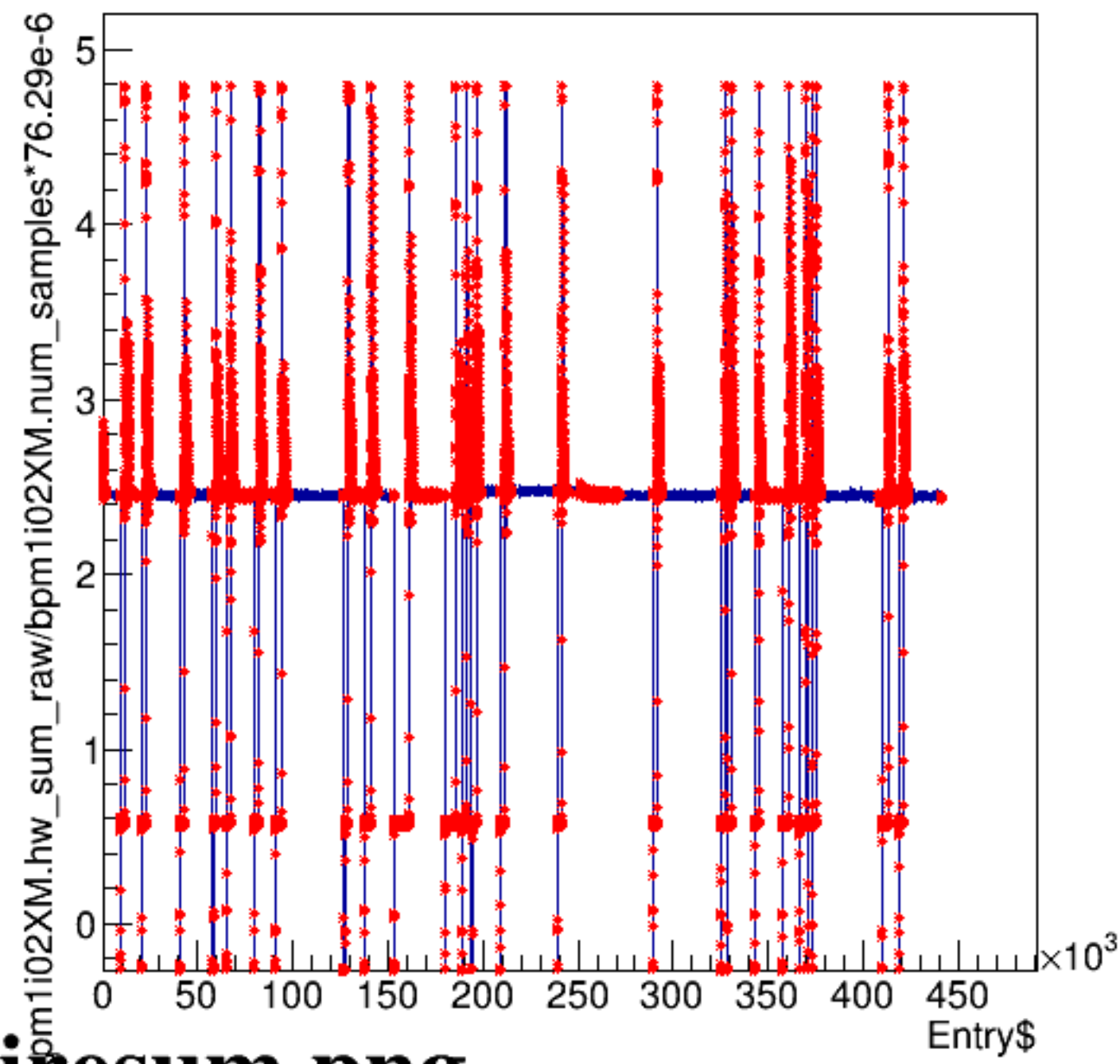
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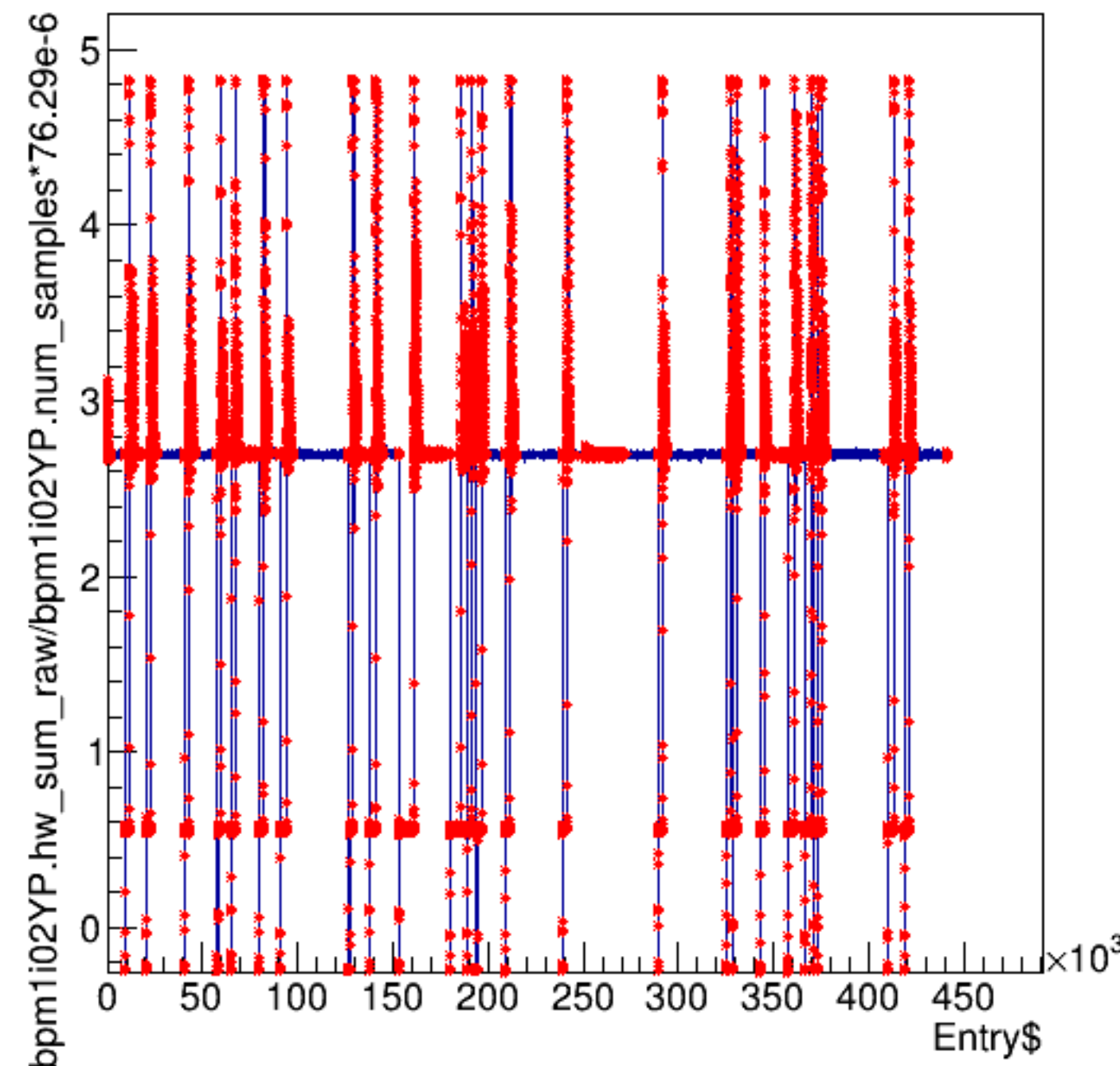
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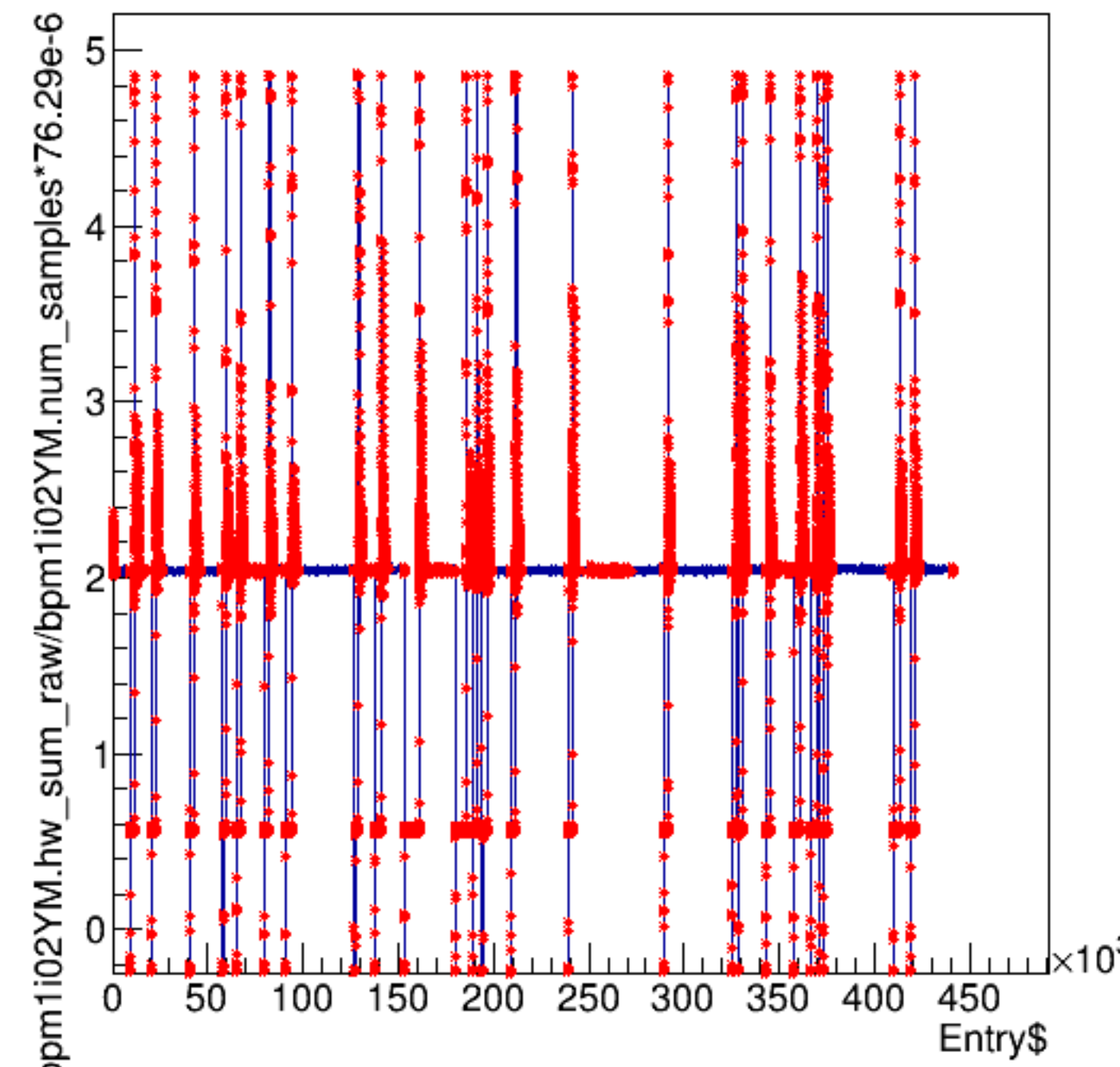
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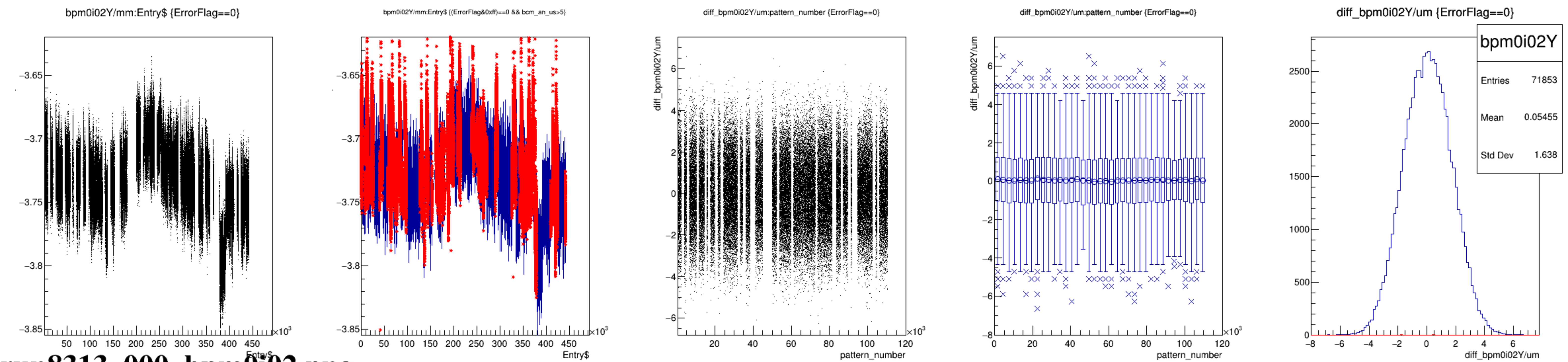
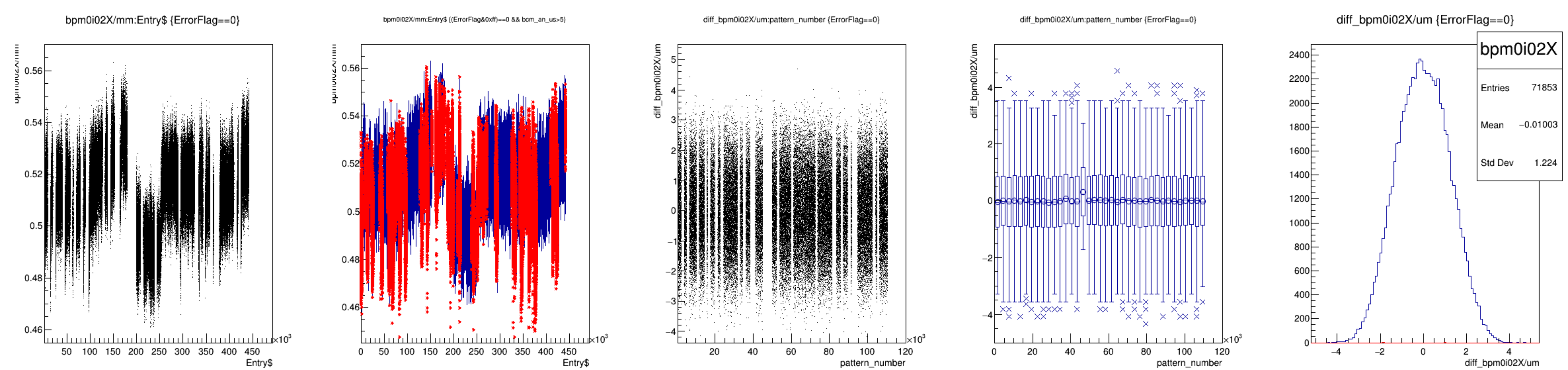


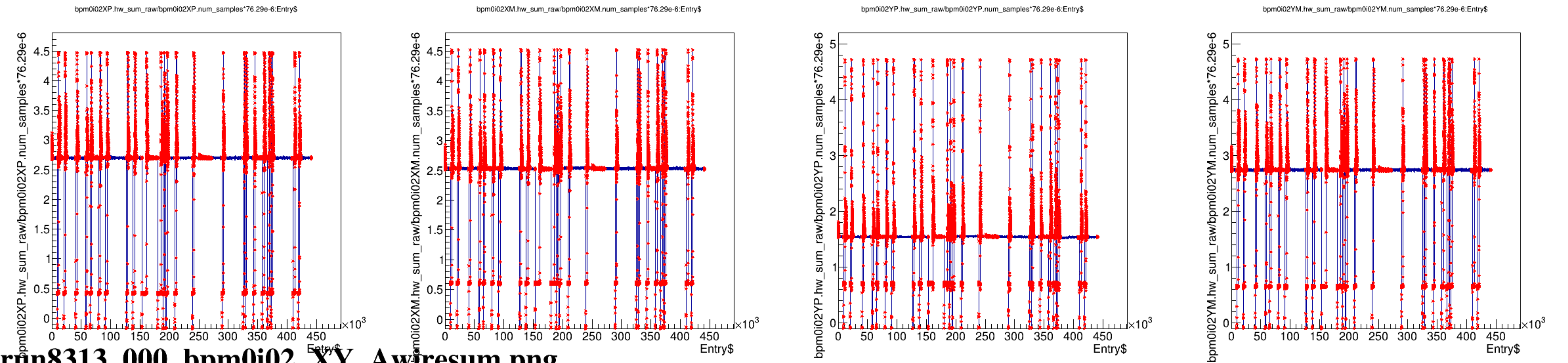
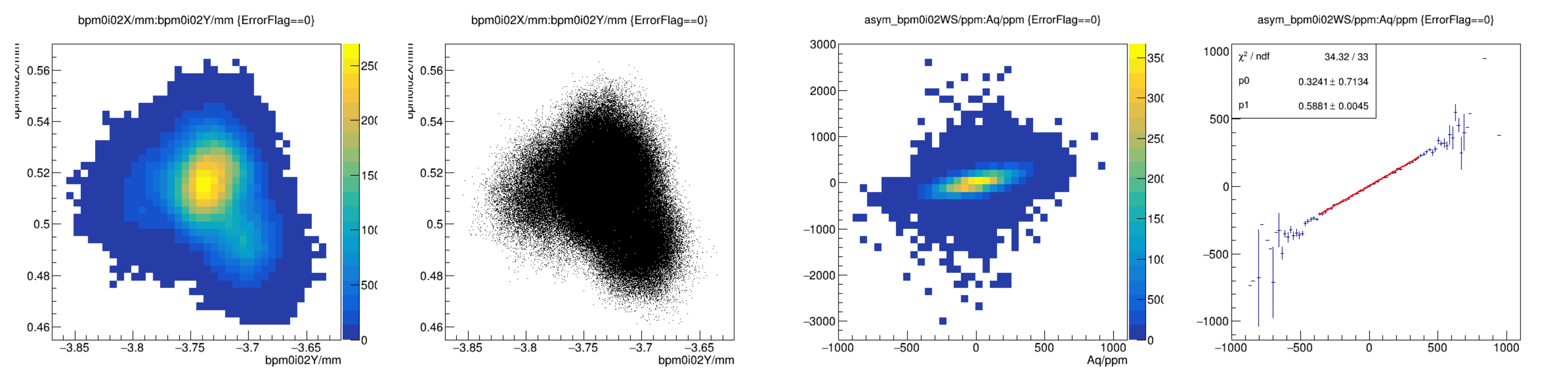
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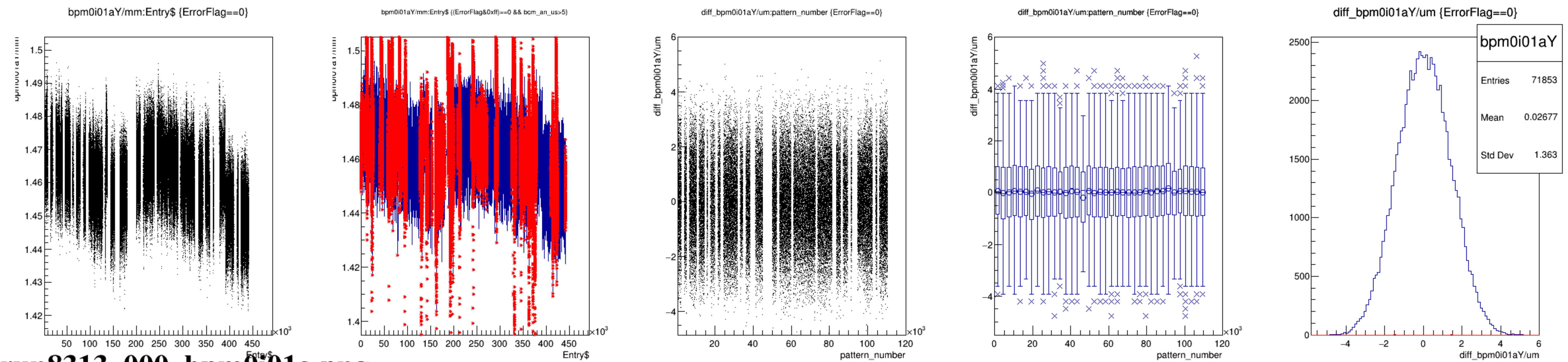
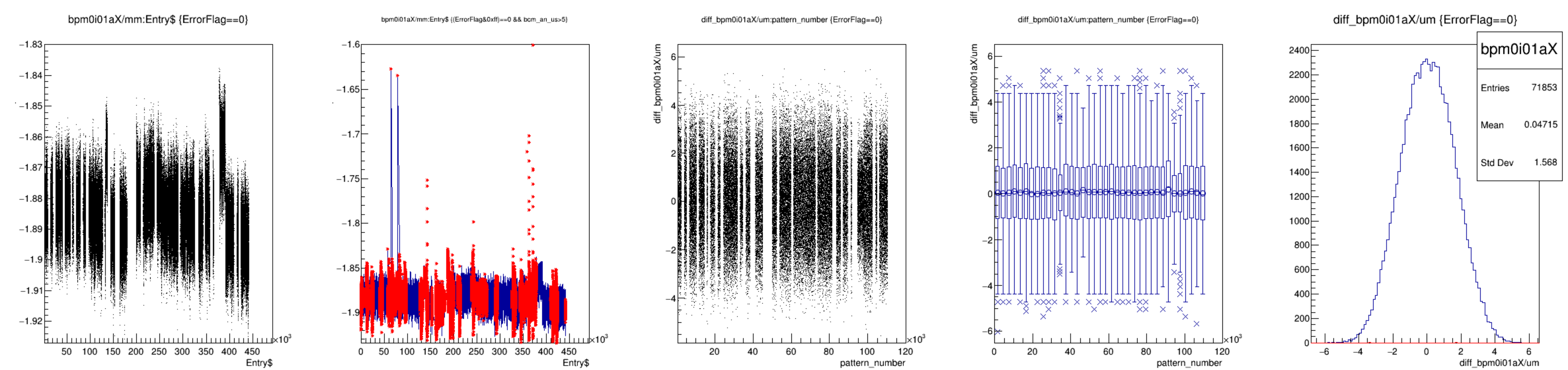


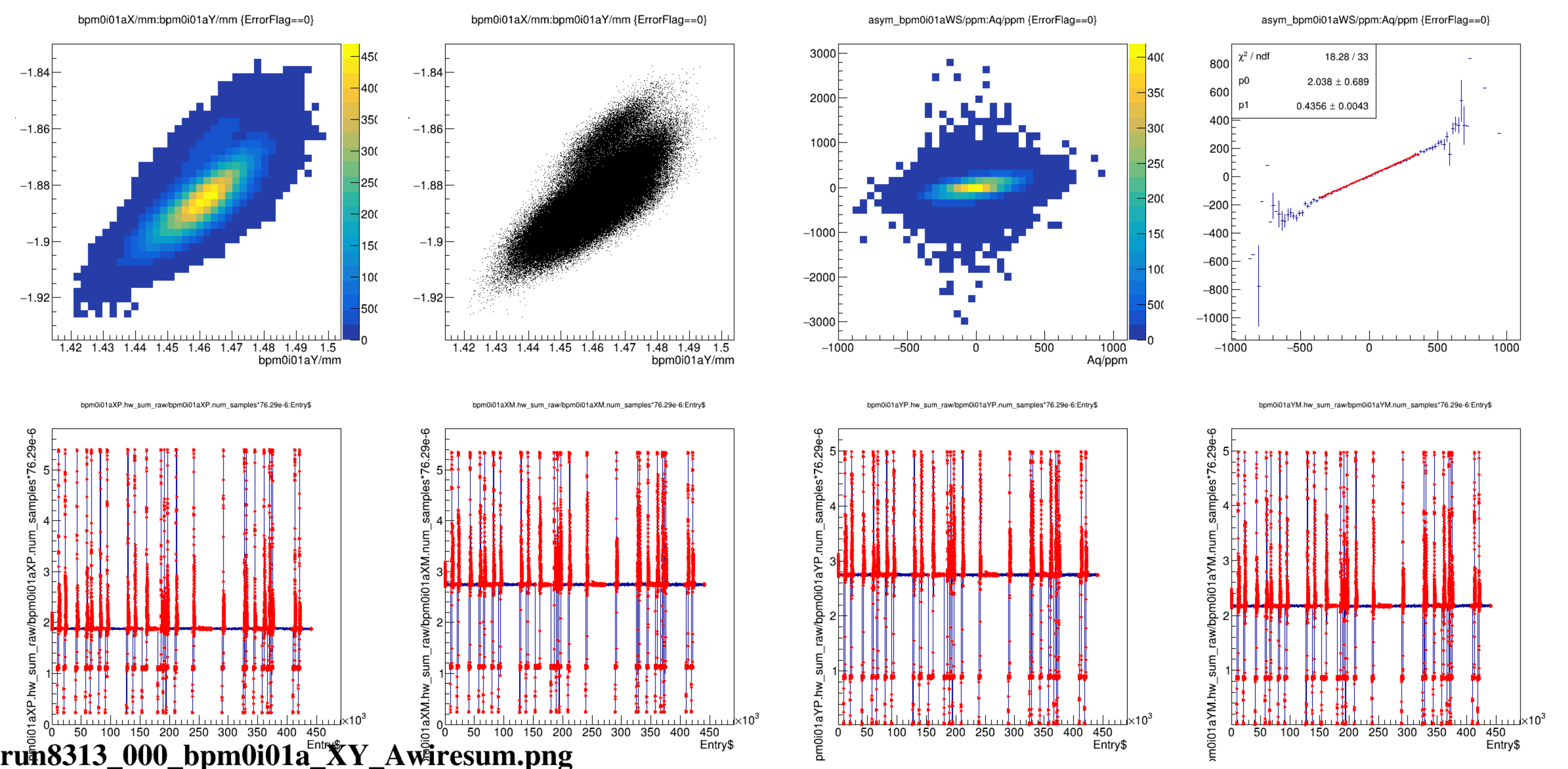
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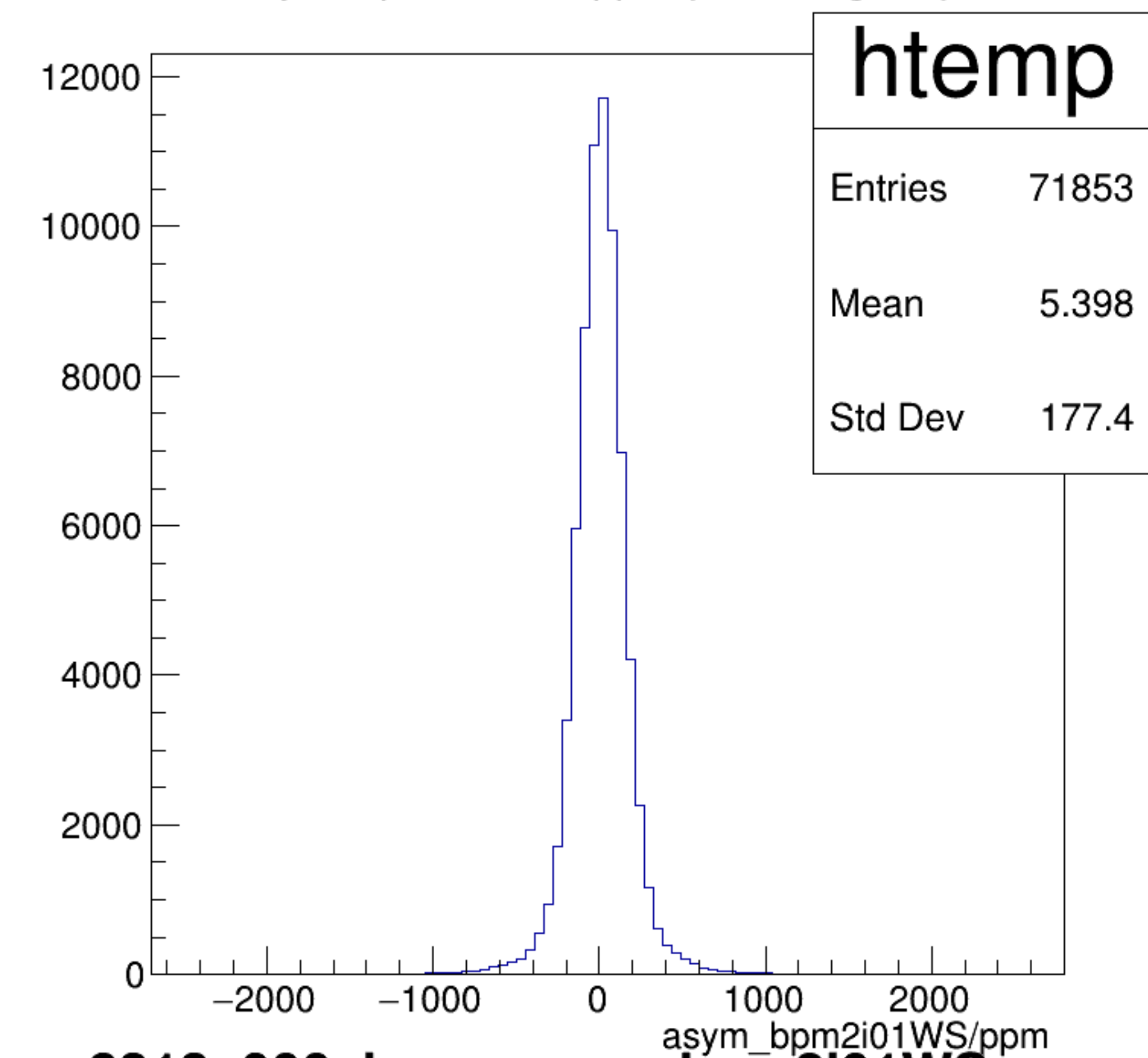




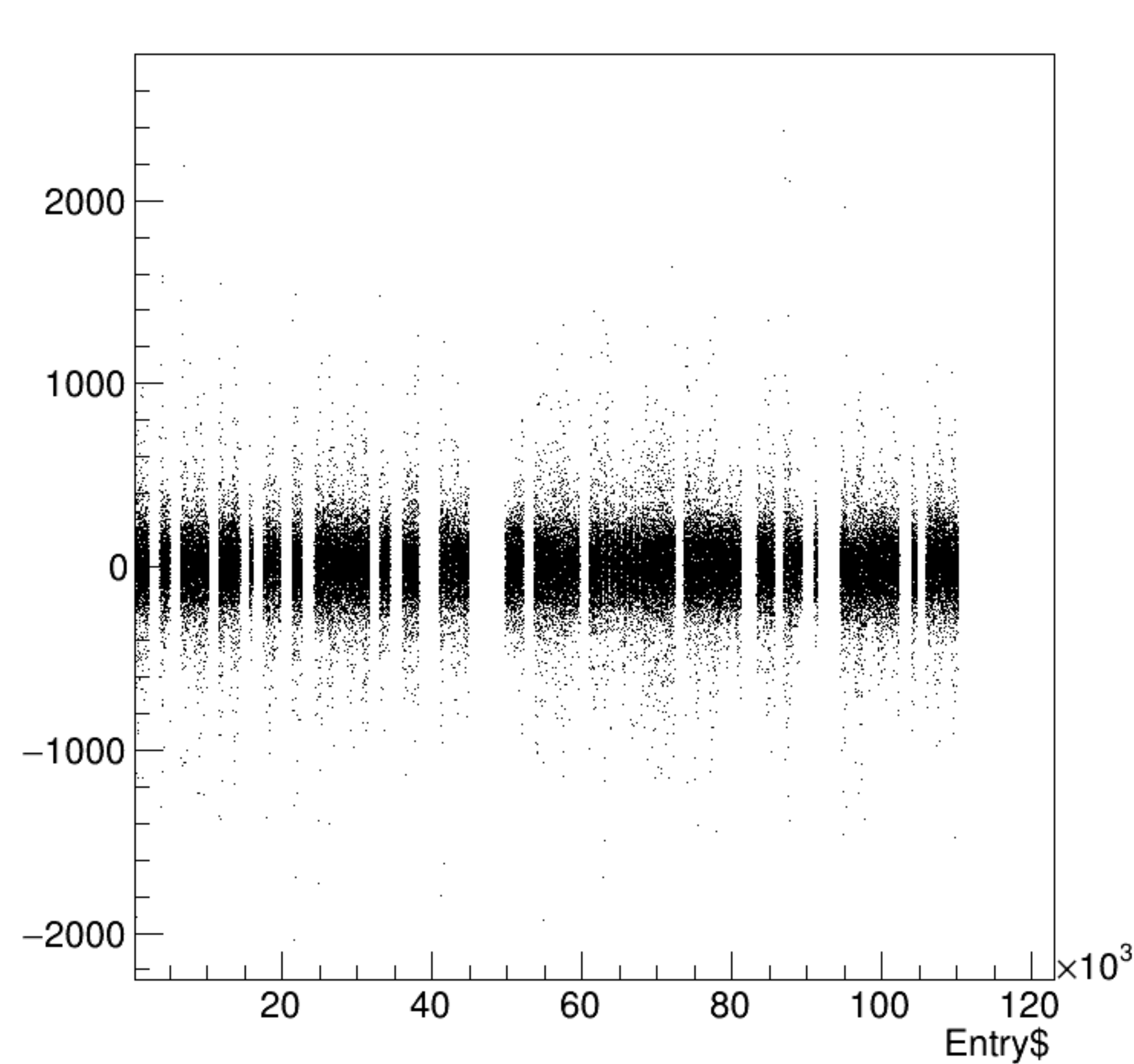




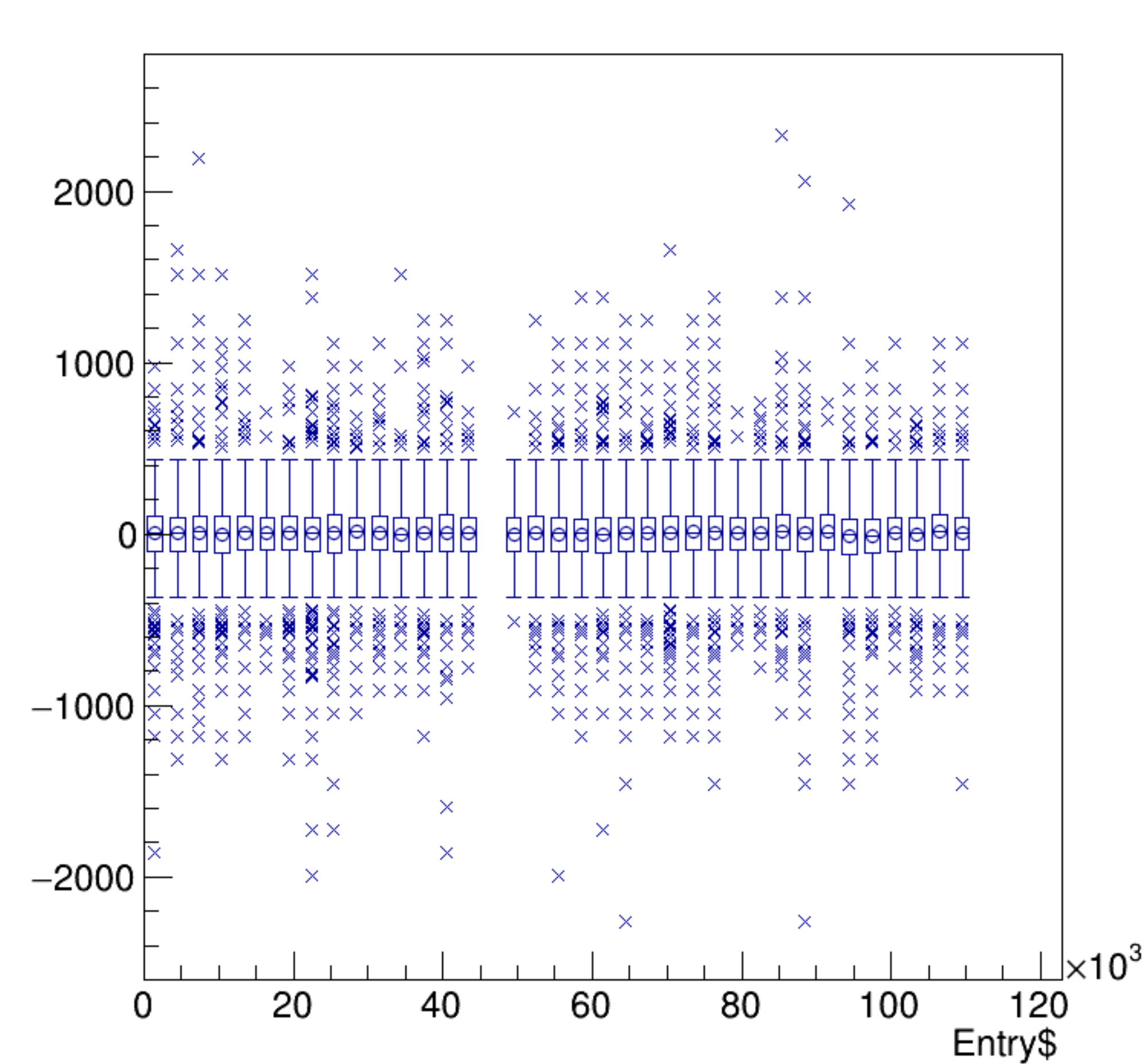
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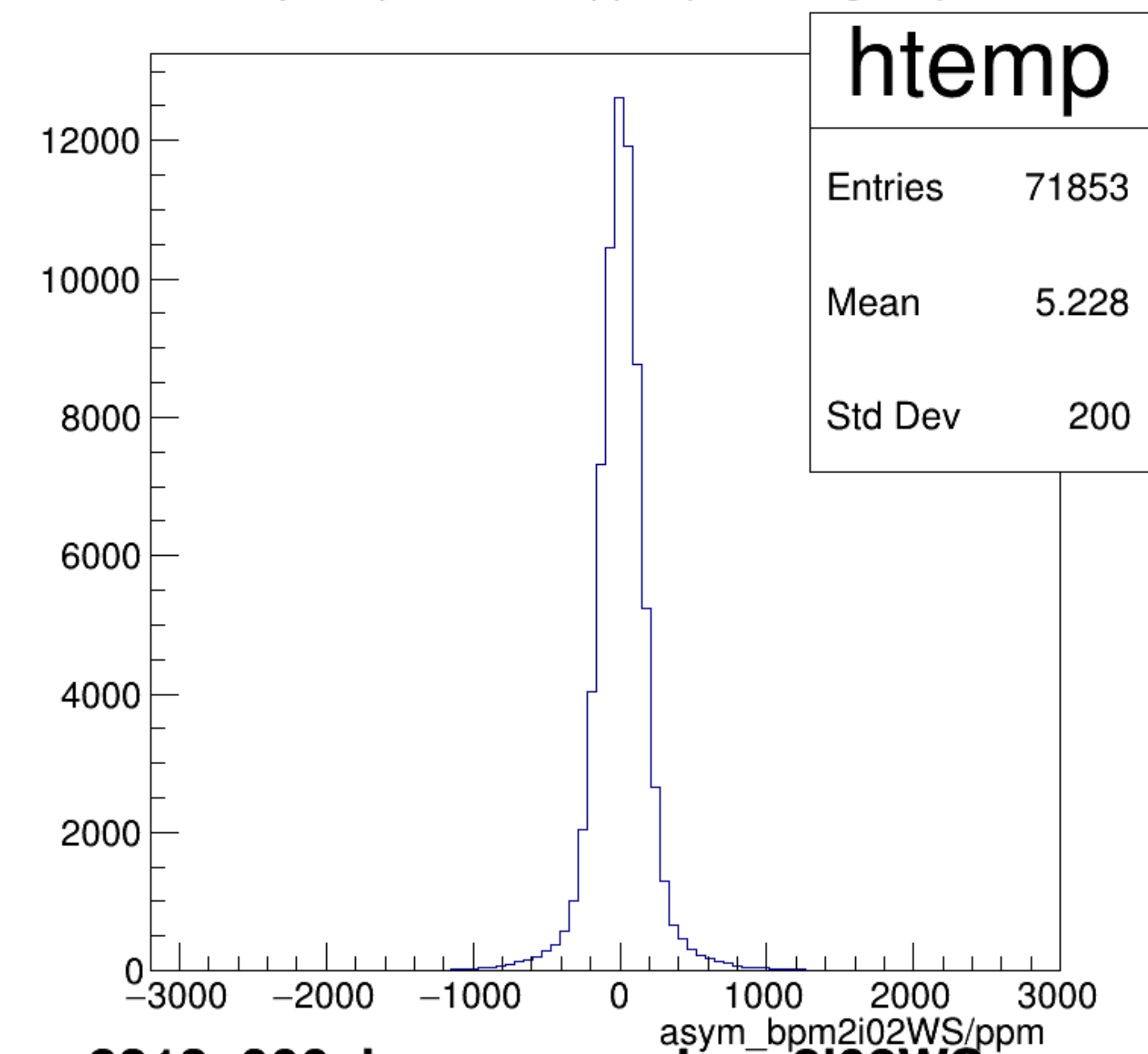


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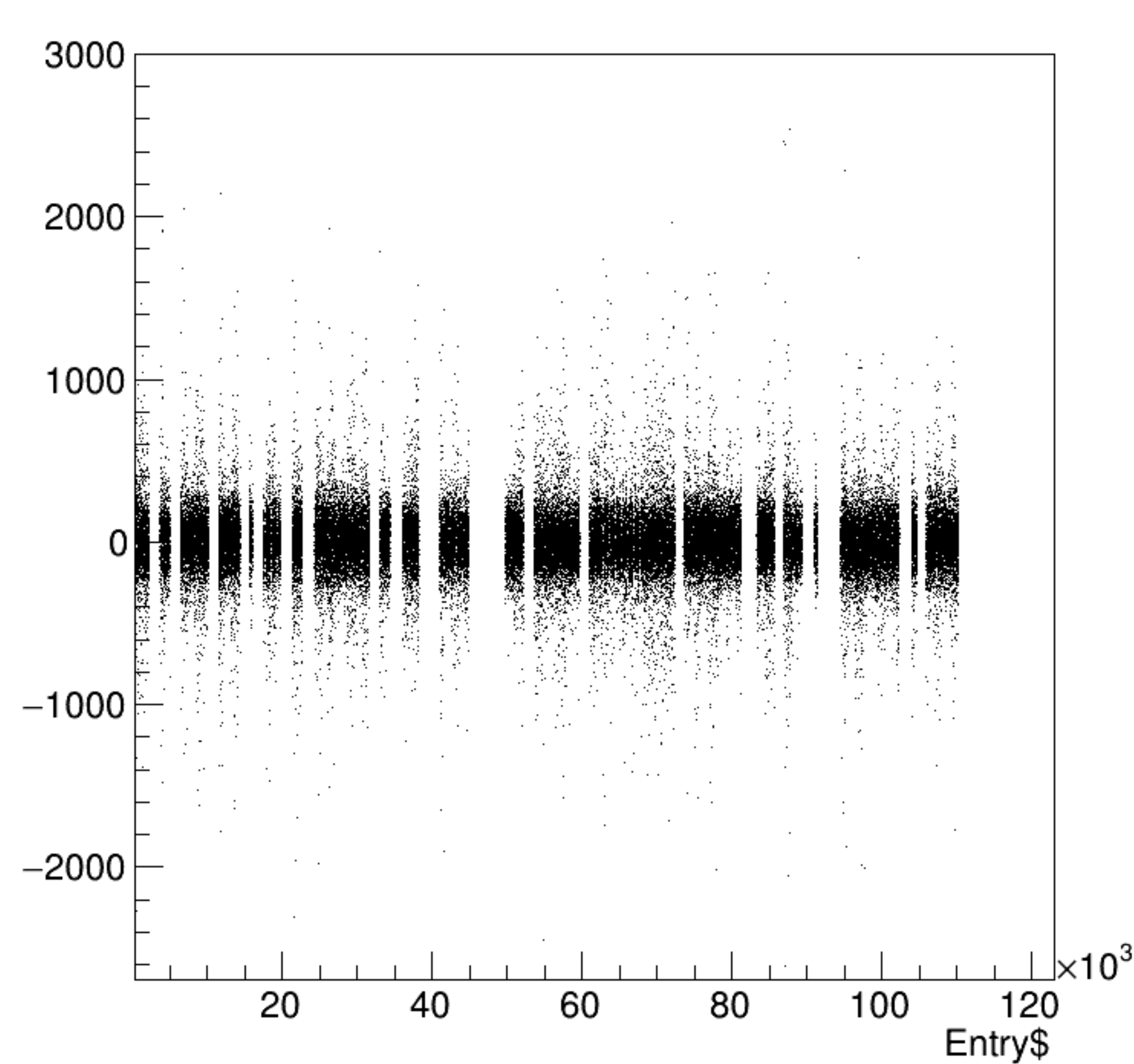


run8313_000_bpm_asym_bpm2i01WS.png

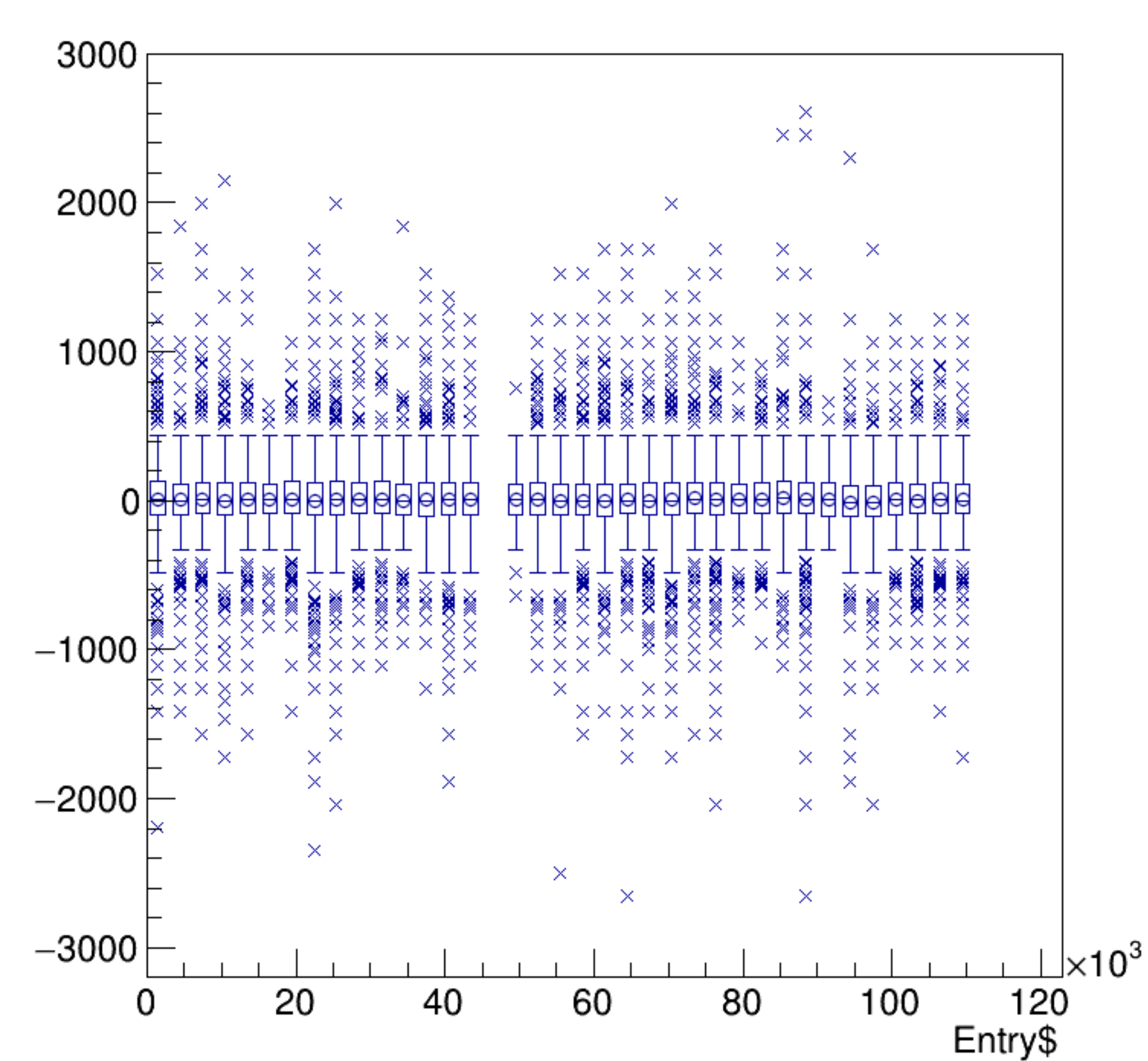
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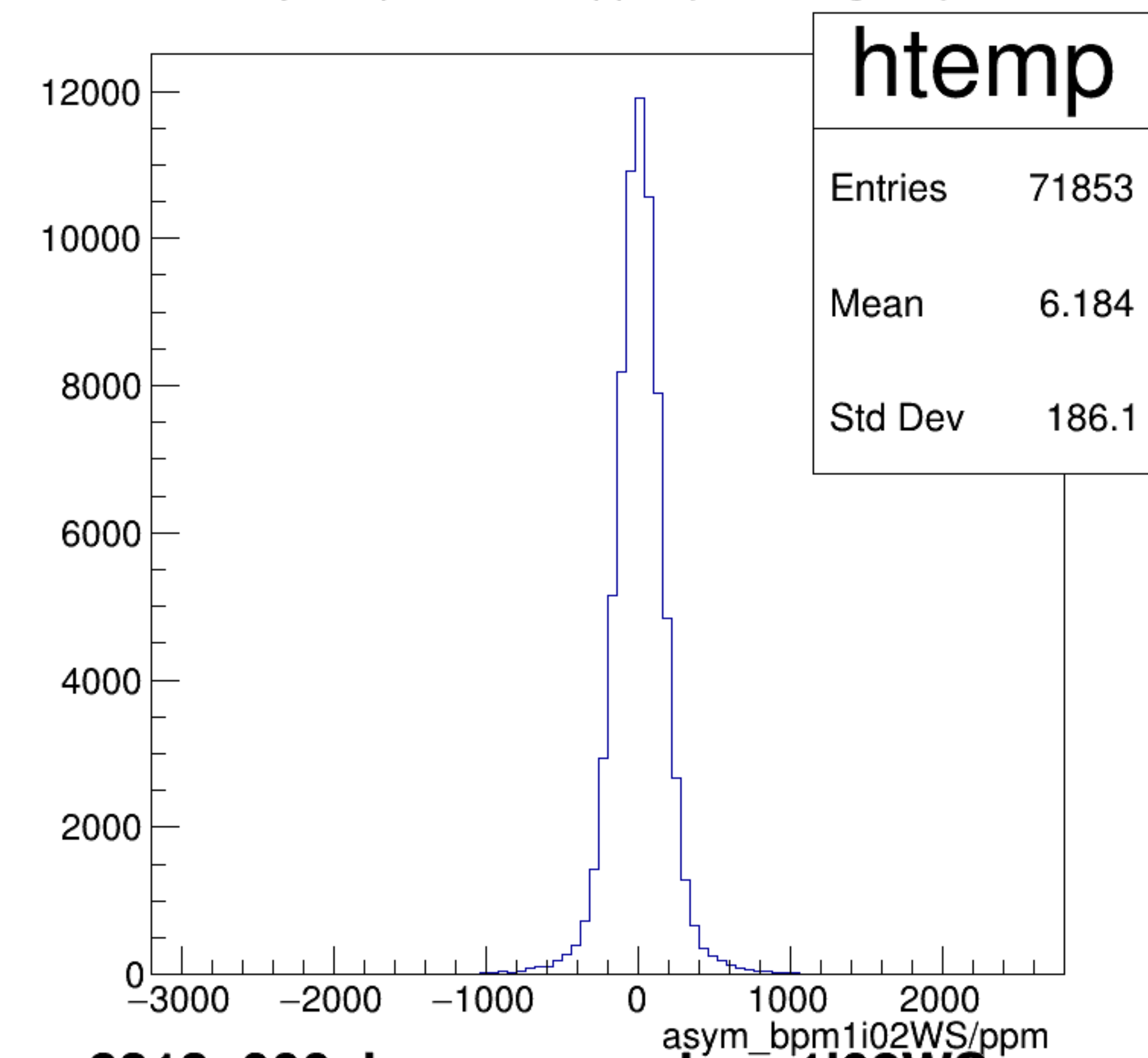
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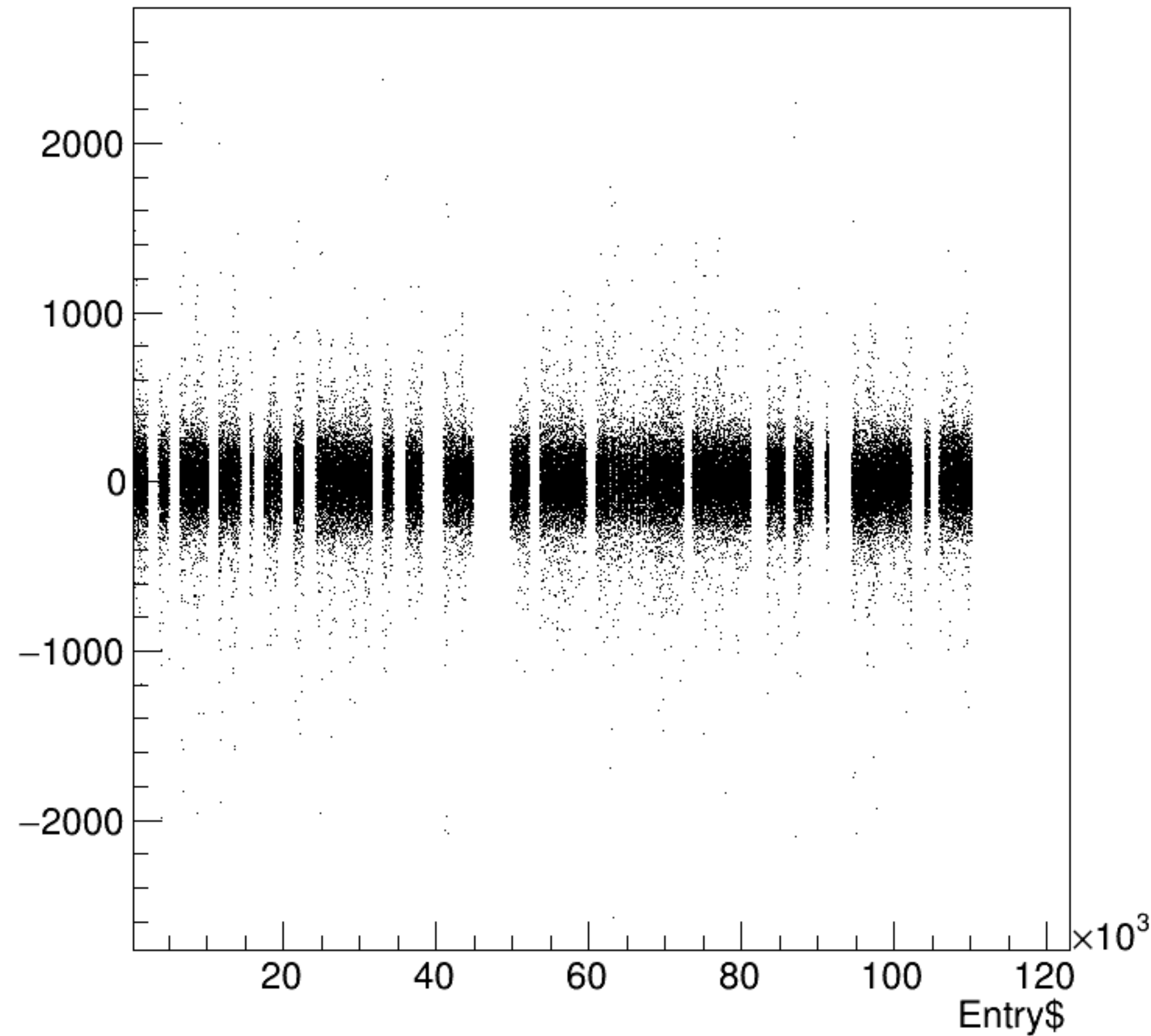


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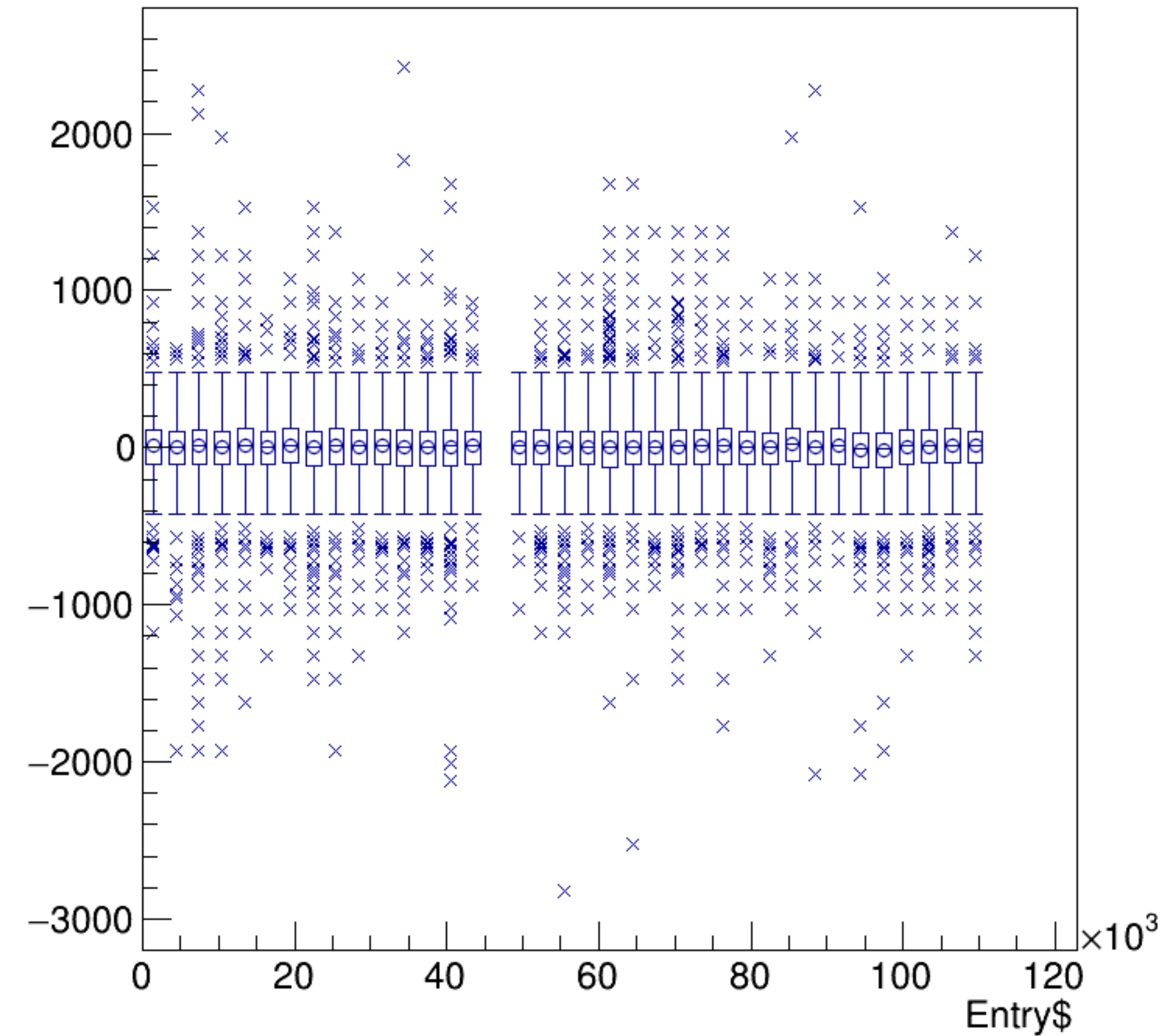


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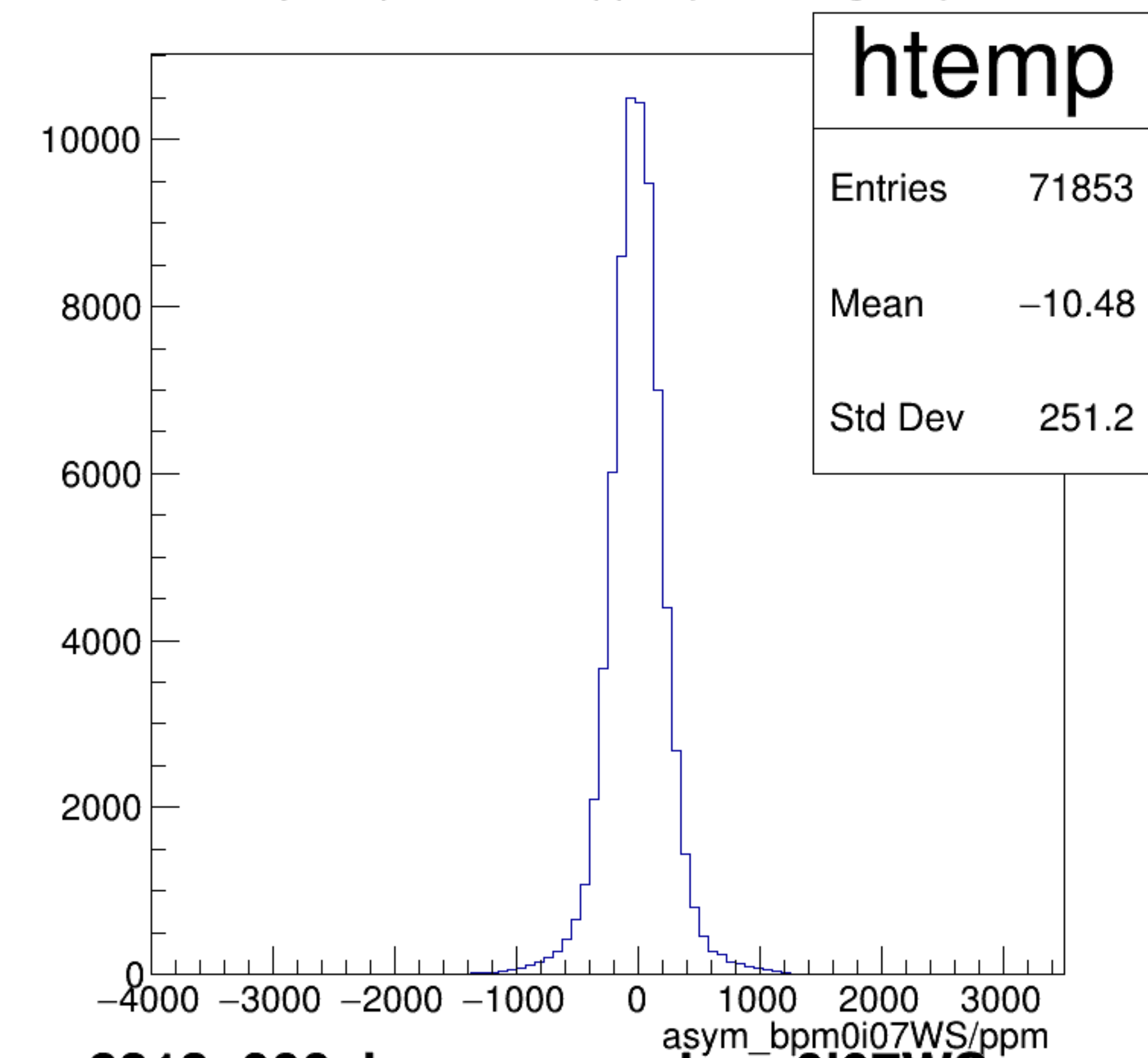
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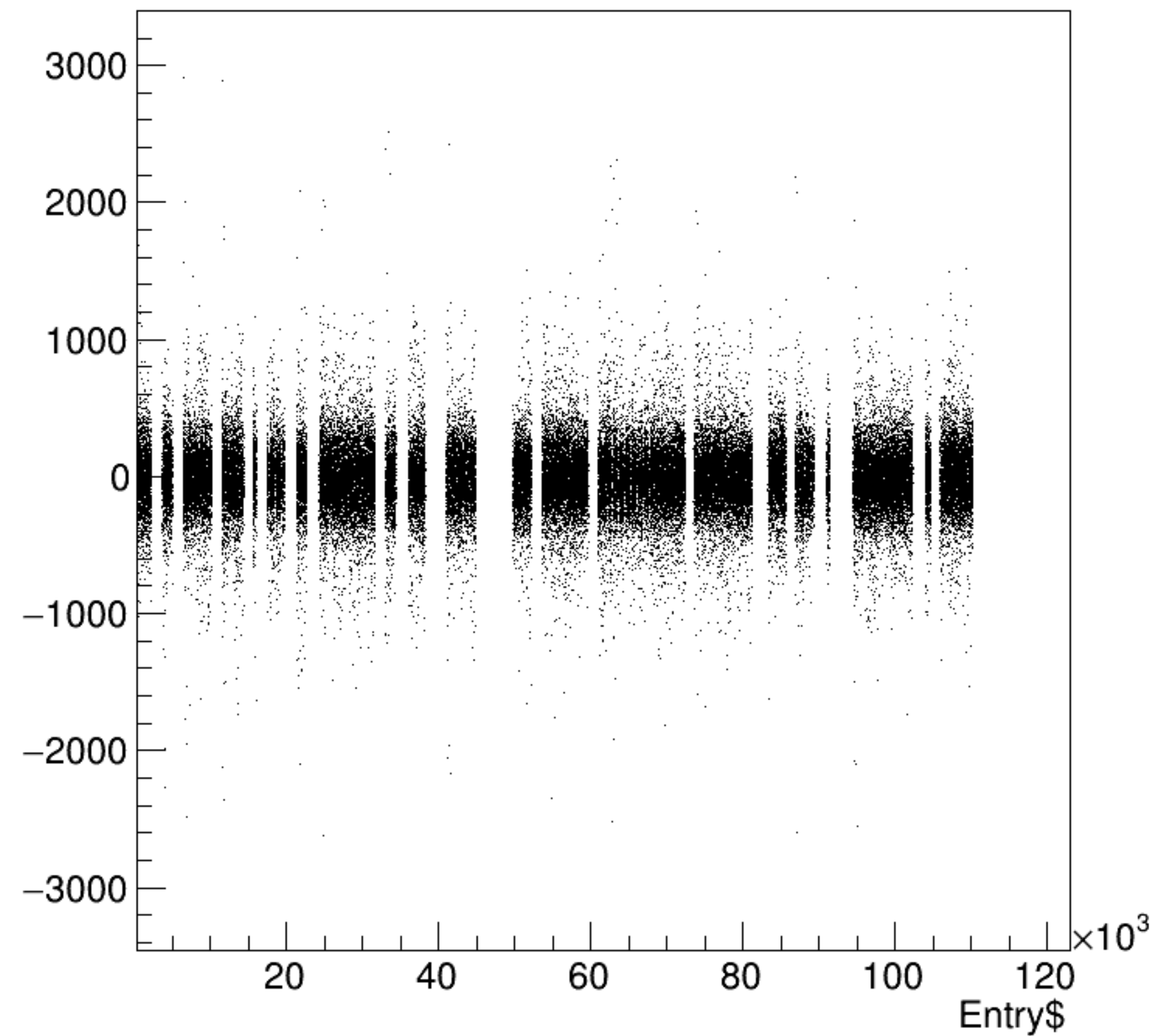
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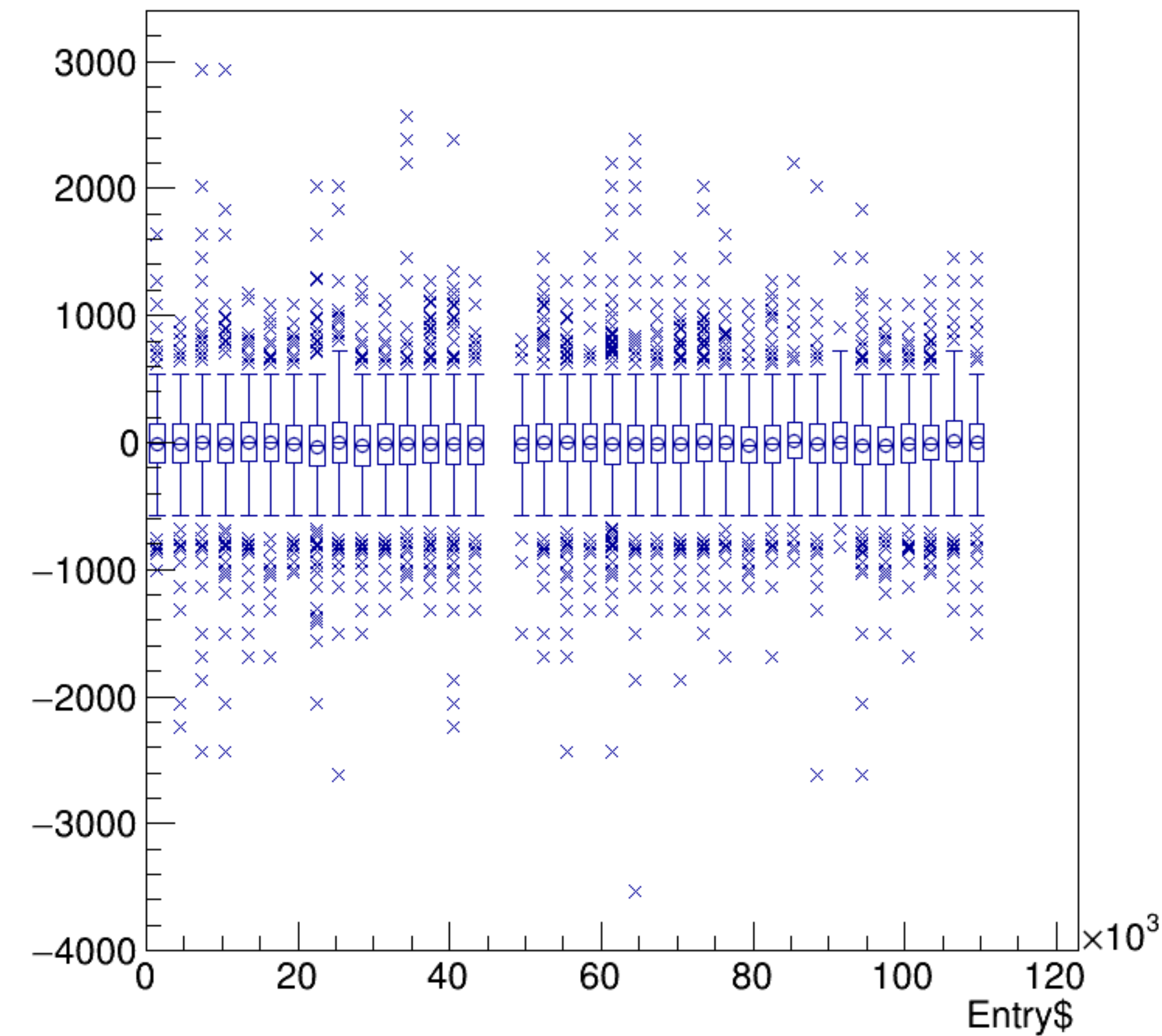
asym_bpm0i07WS/ppm {ErrorFlag==0}



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

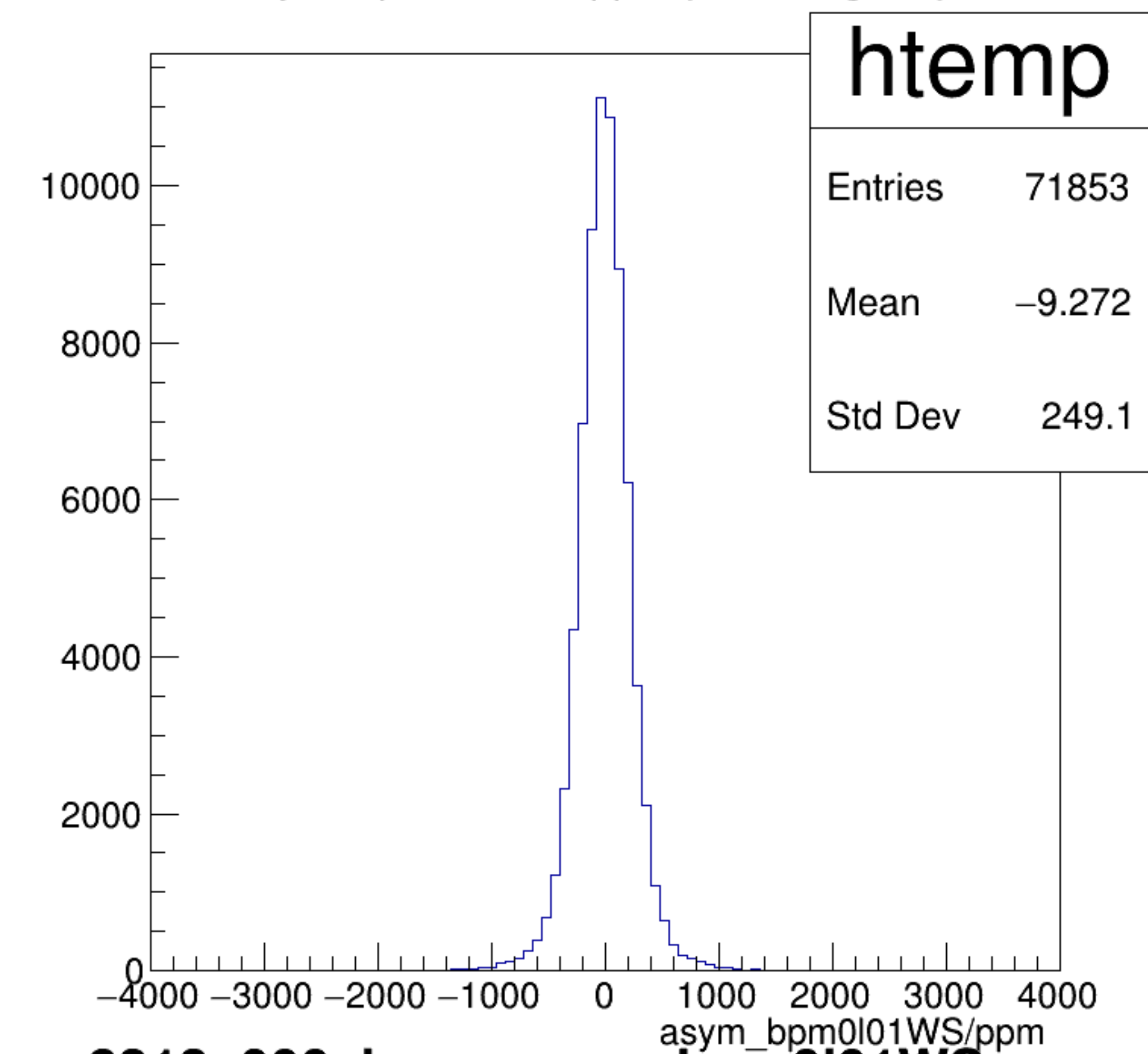


asym_bpm0i07WS/ppm:Entry\$ {ErrorFlag==0}

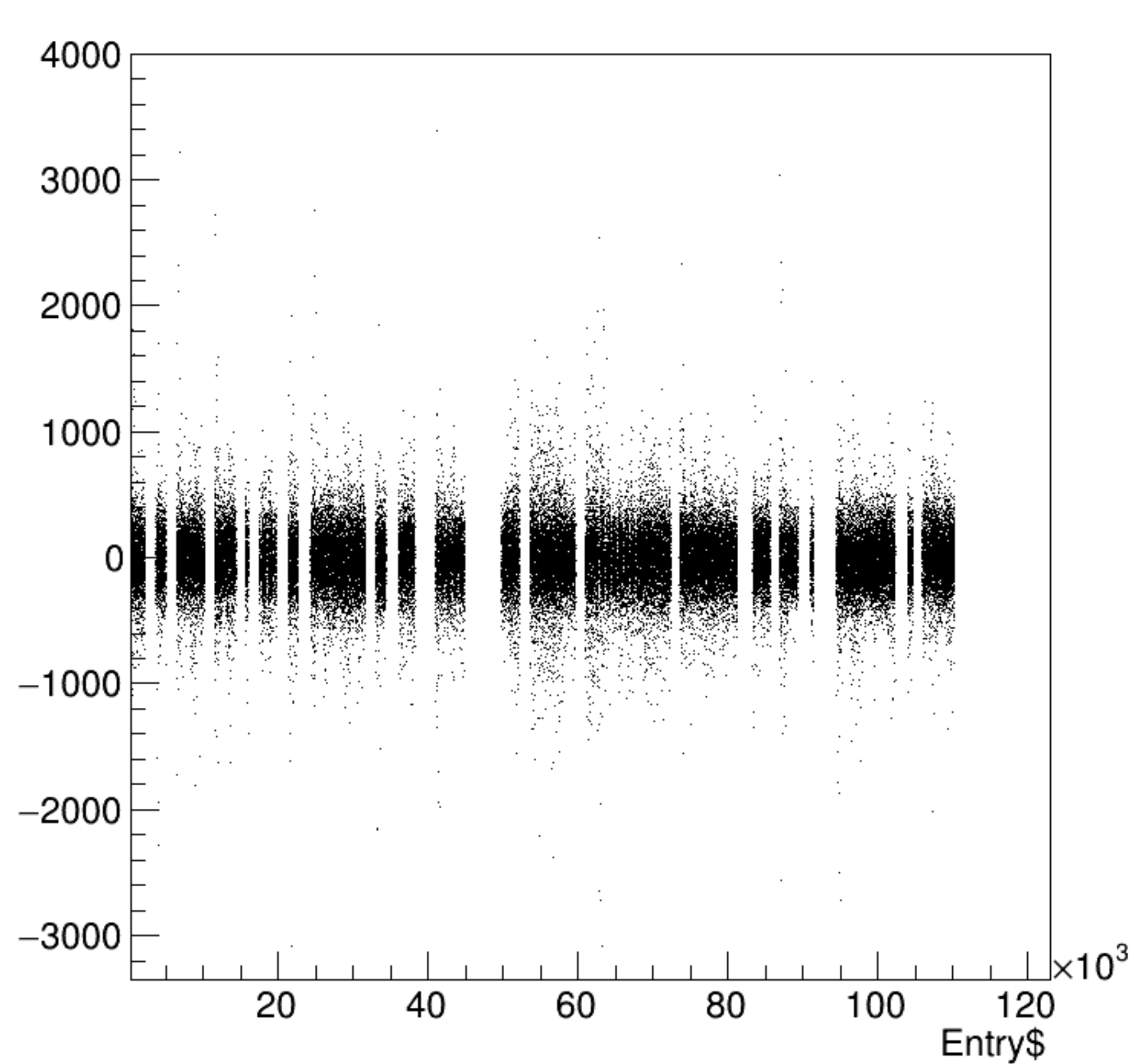


run8313_000_bpm_asym_bpm0i07WS.png

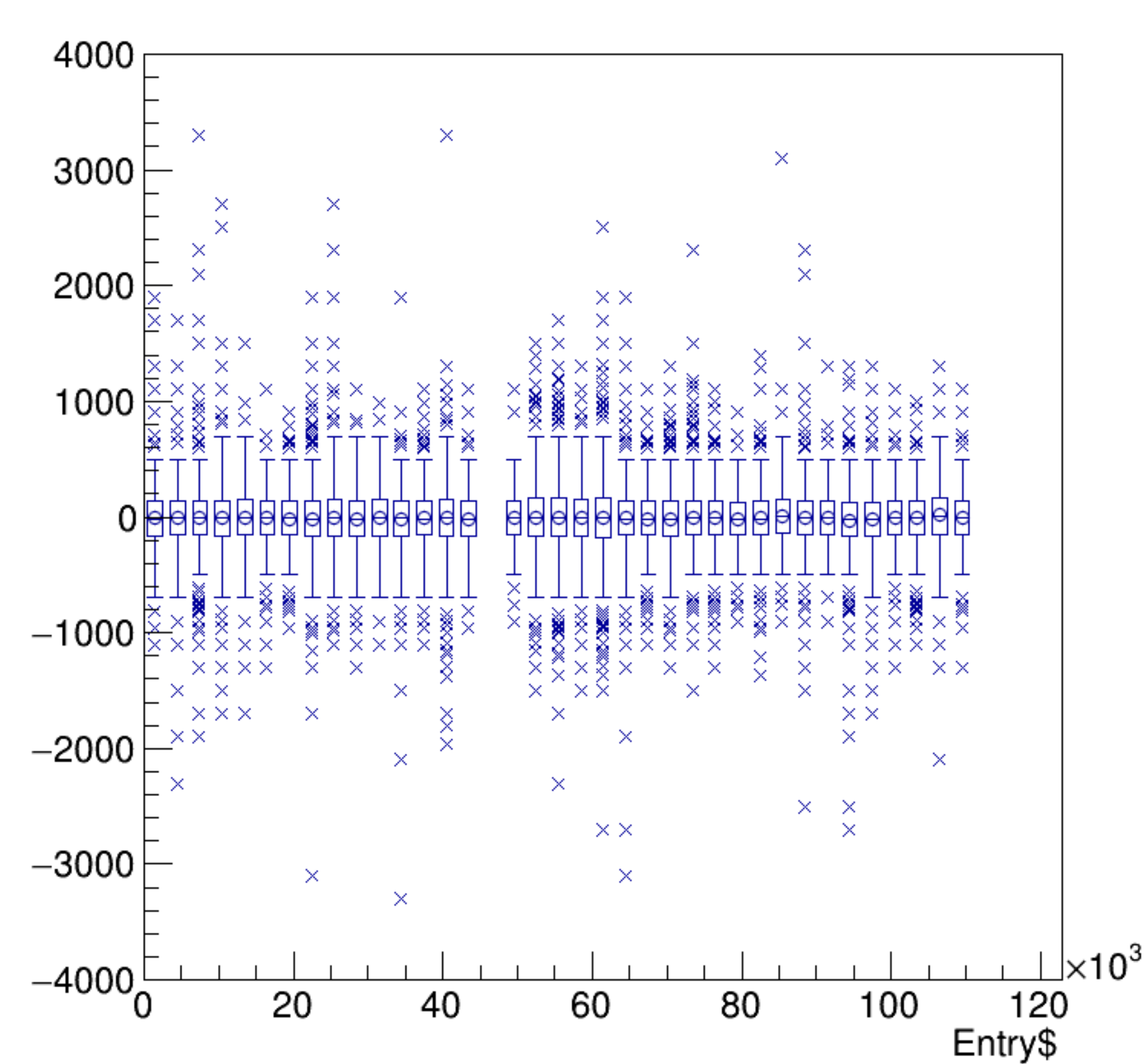
asym_bpm0l01WS/ppm {ErrorFlag==0}



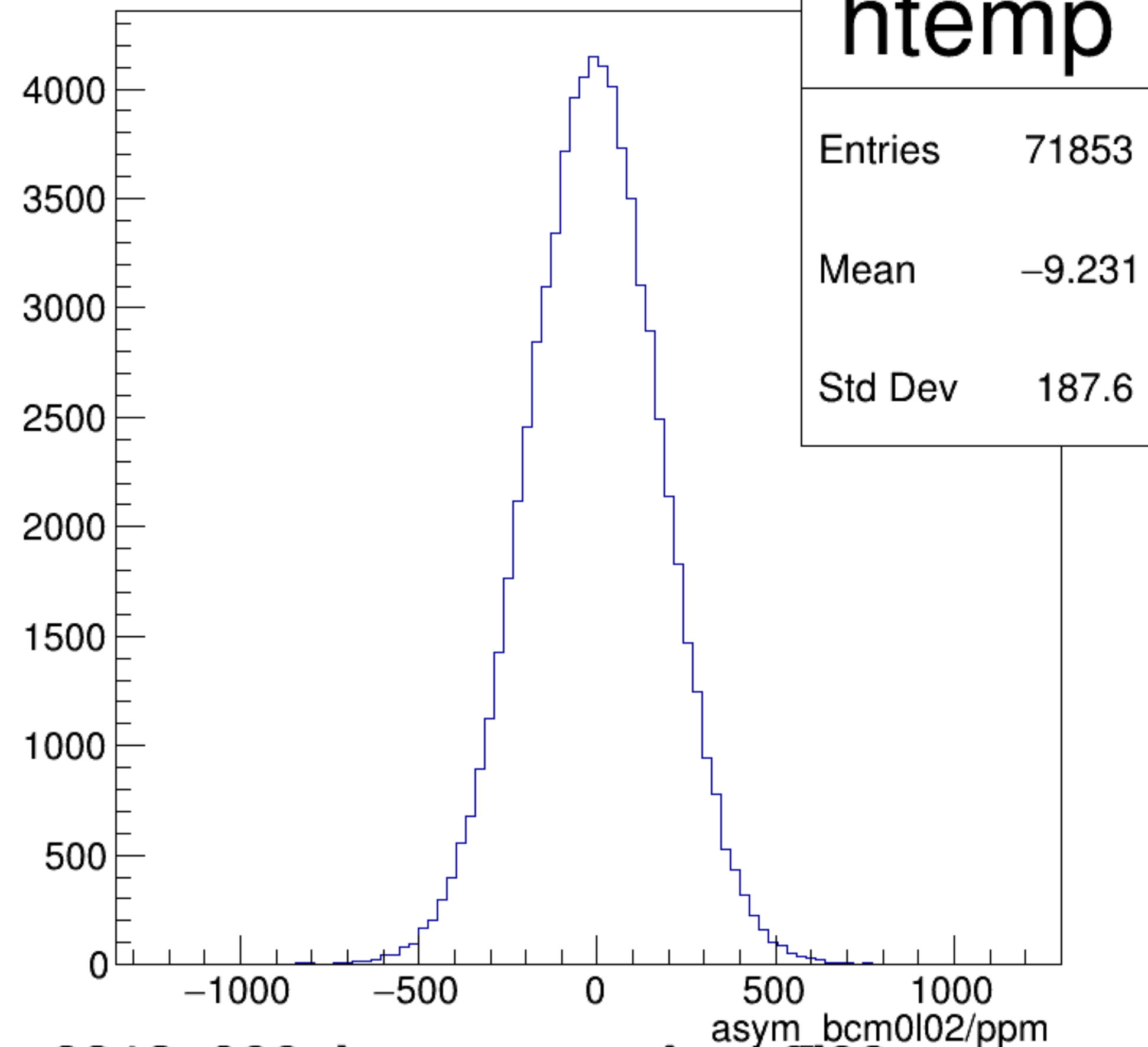
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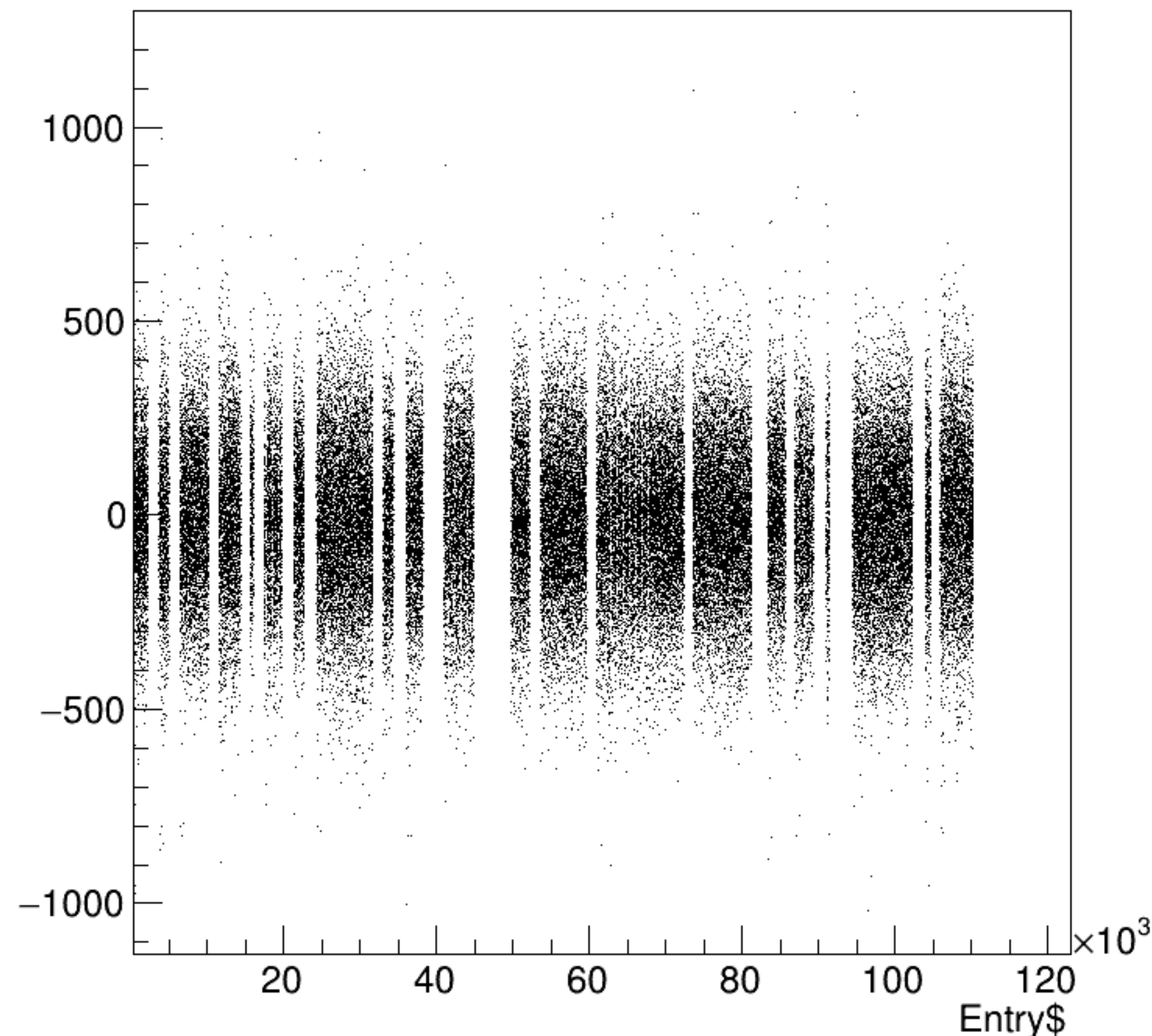
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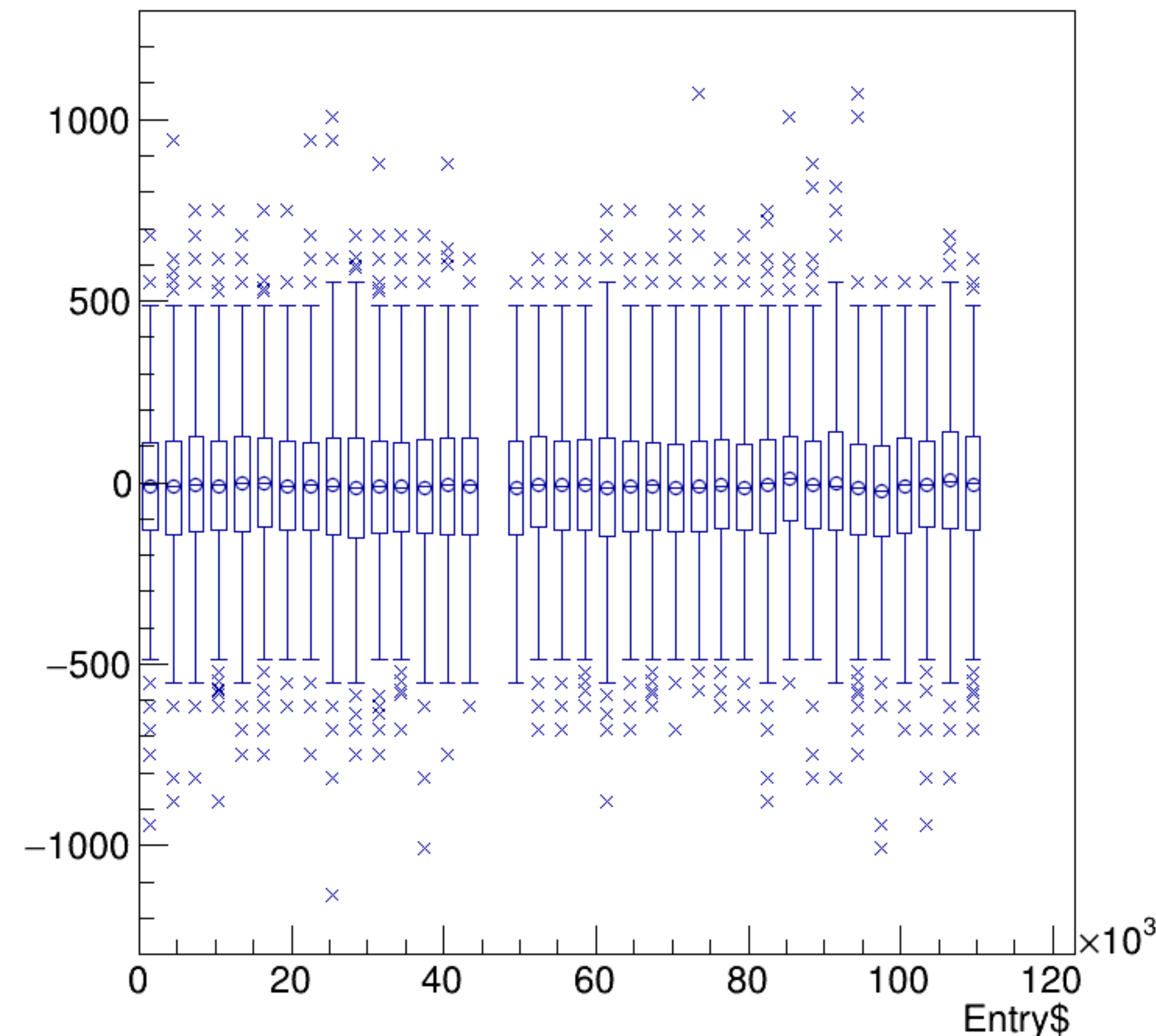
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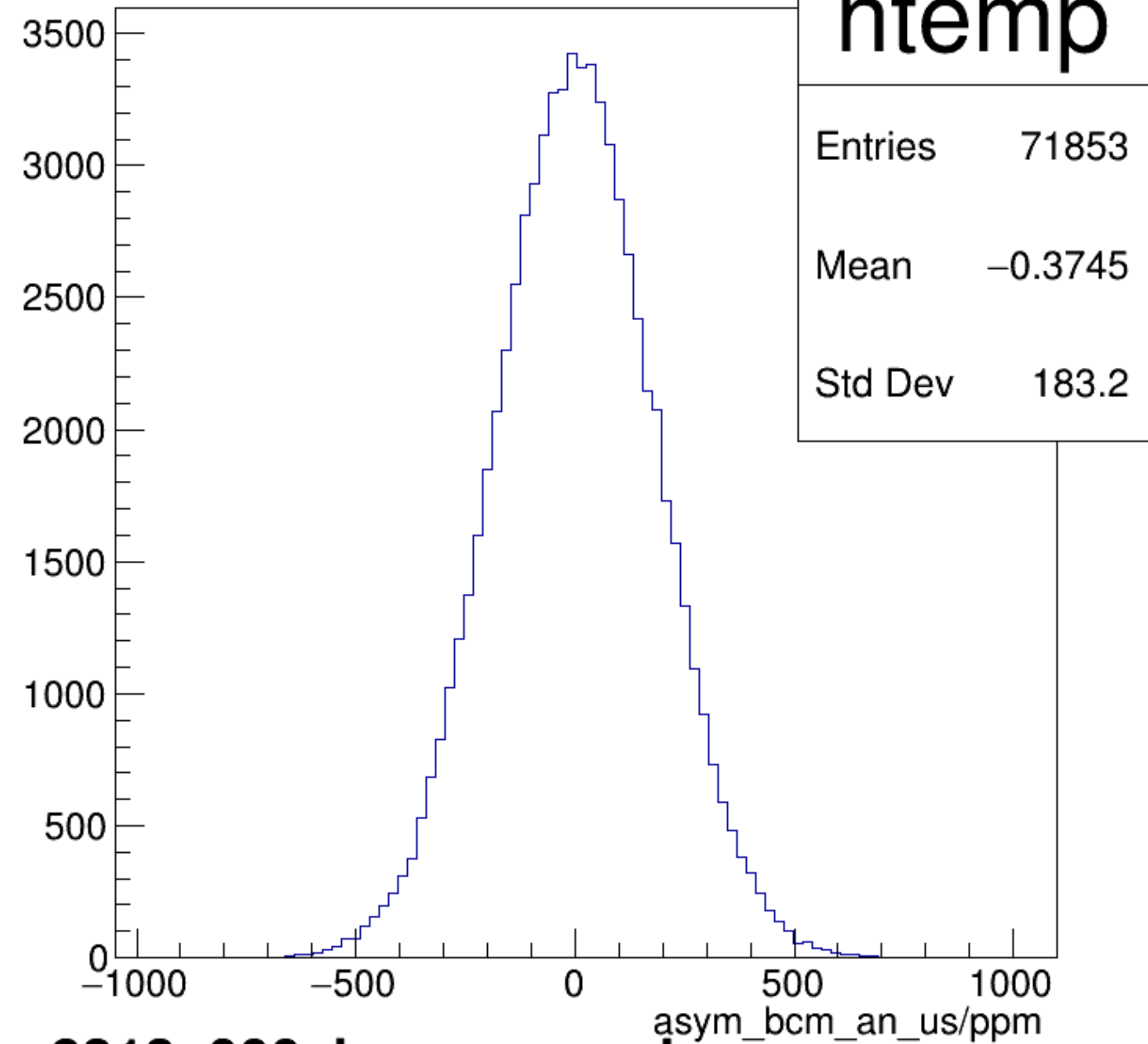
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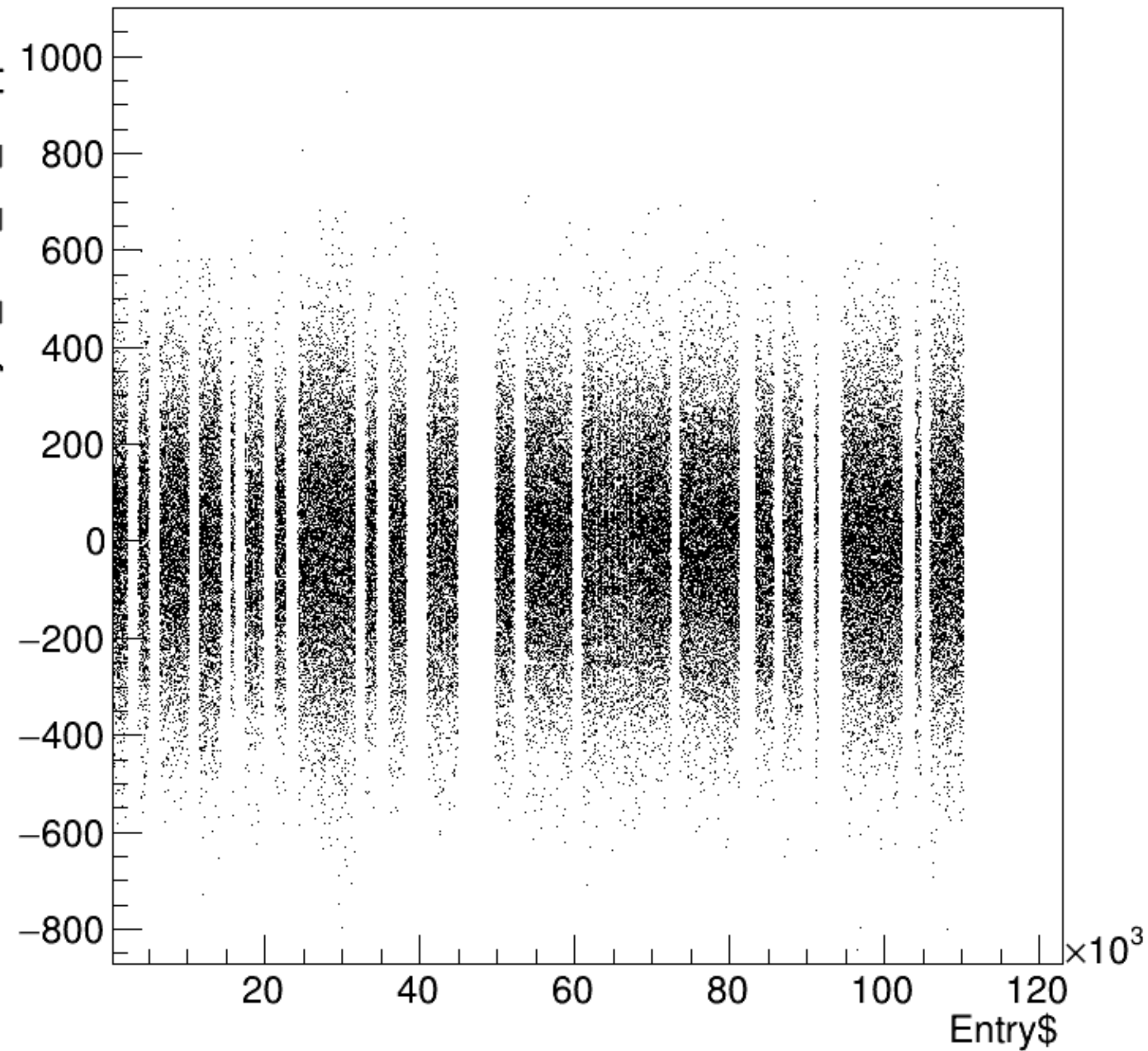
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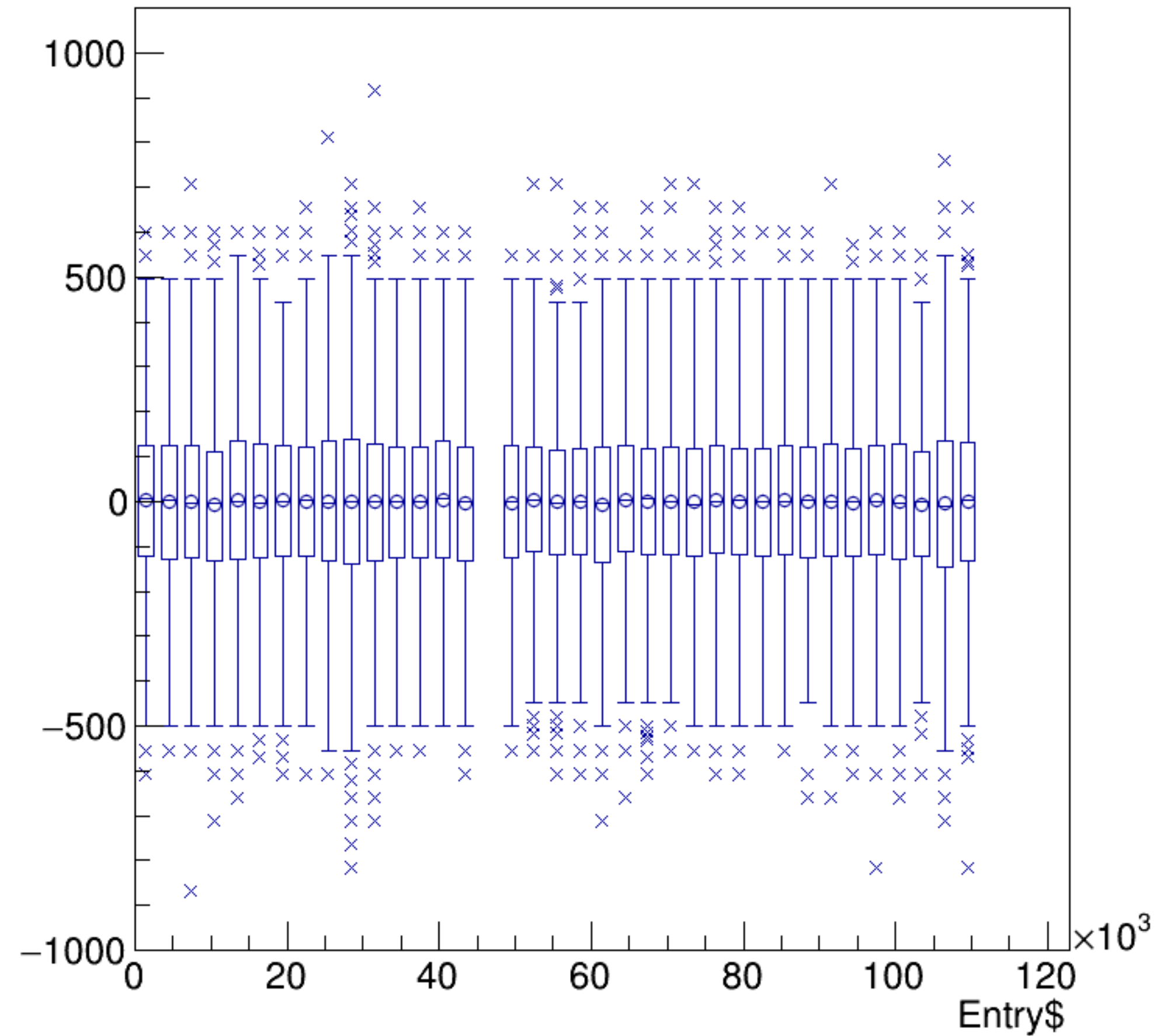
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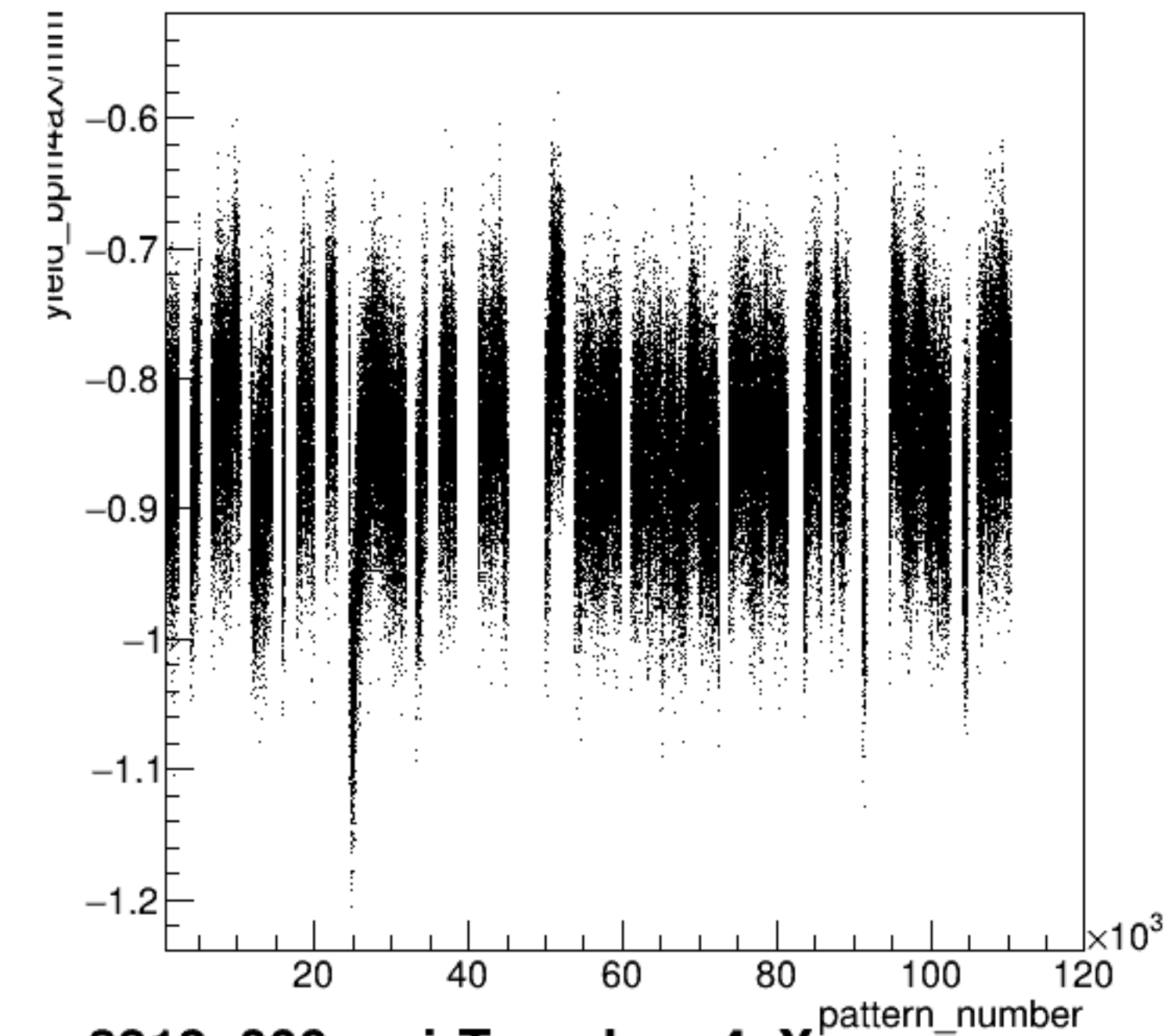
asym_bcm_an_us/ppm:Entry\$ {ErrorFlag==0}



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

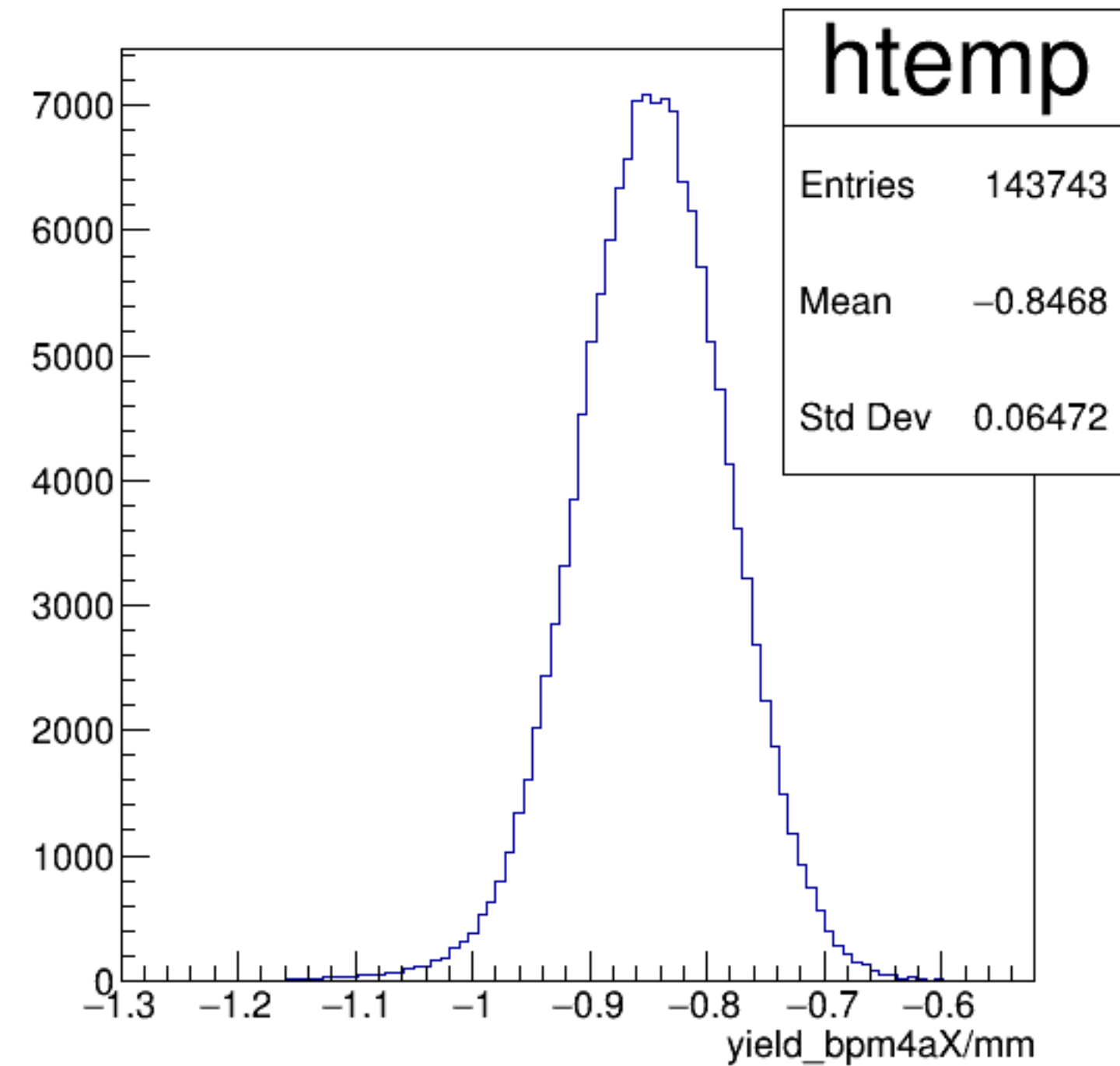


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

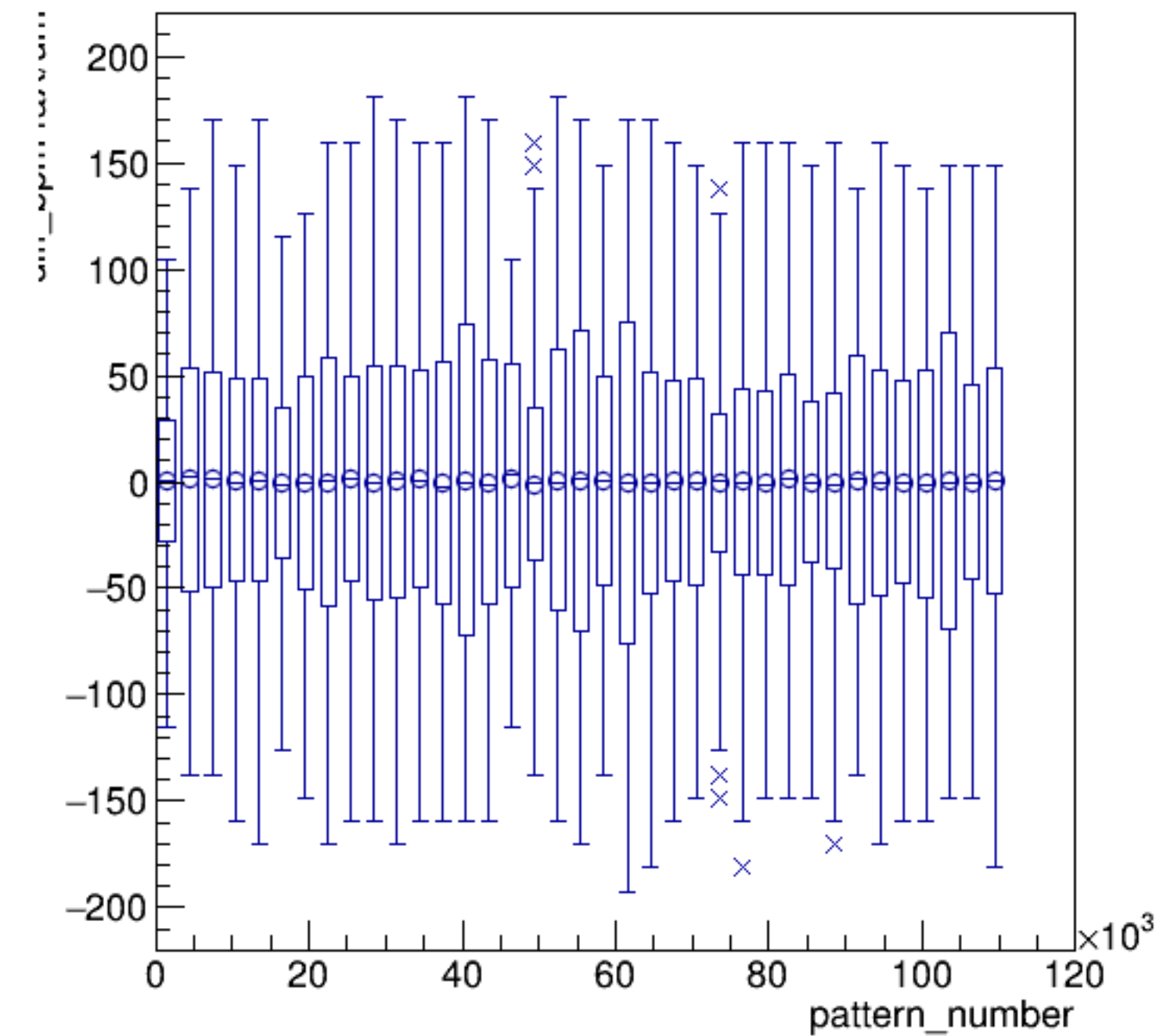


run8313_000_pairTree_bpm4aX.png

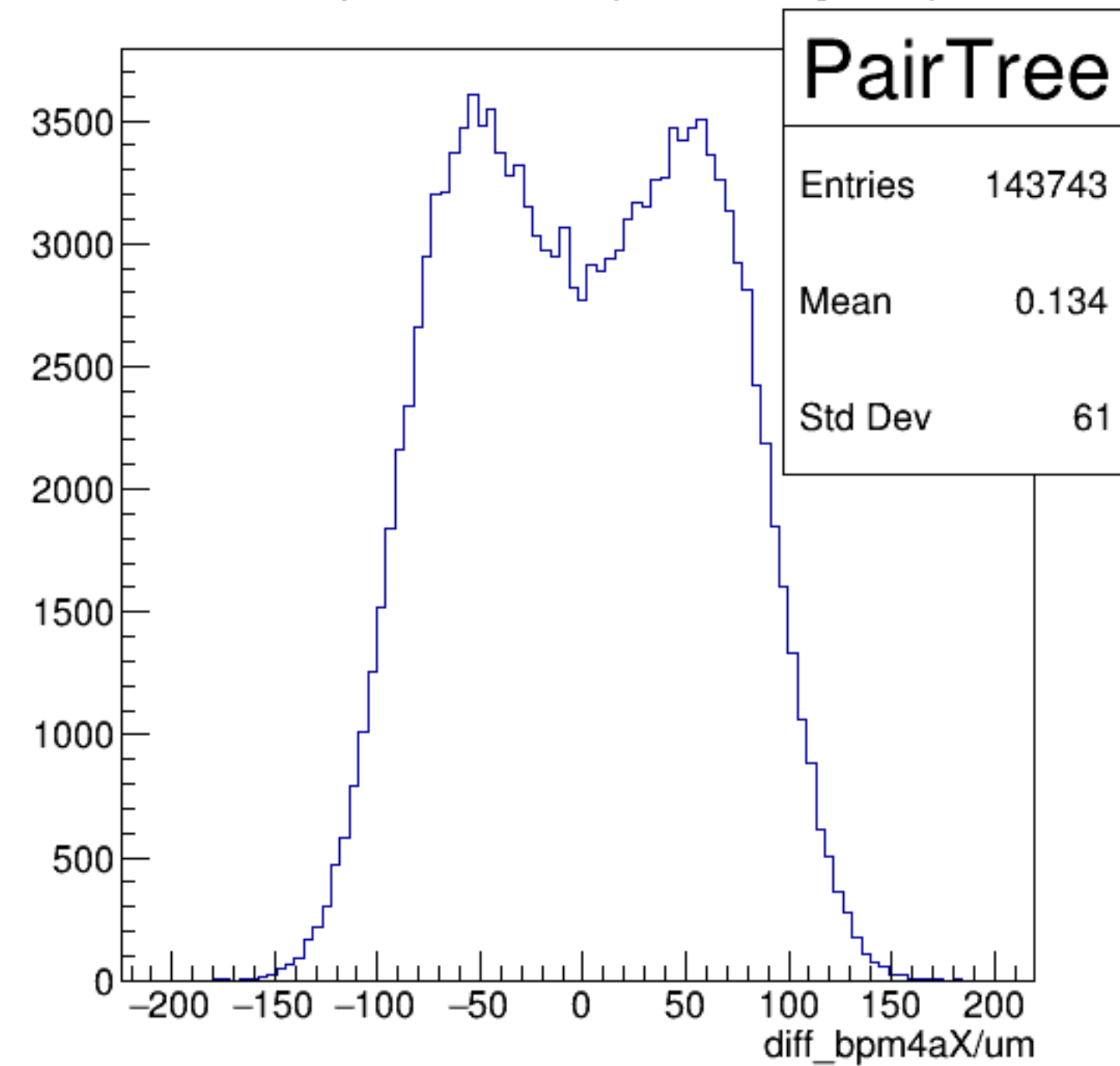
yield_bpm4aX/mm {ErrorFlag==0}

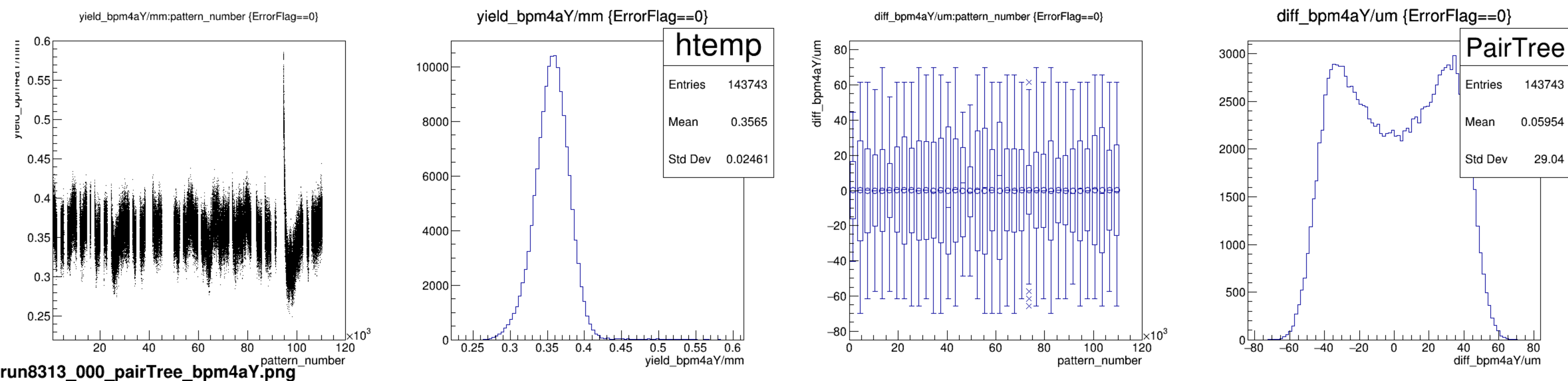


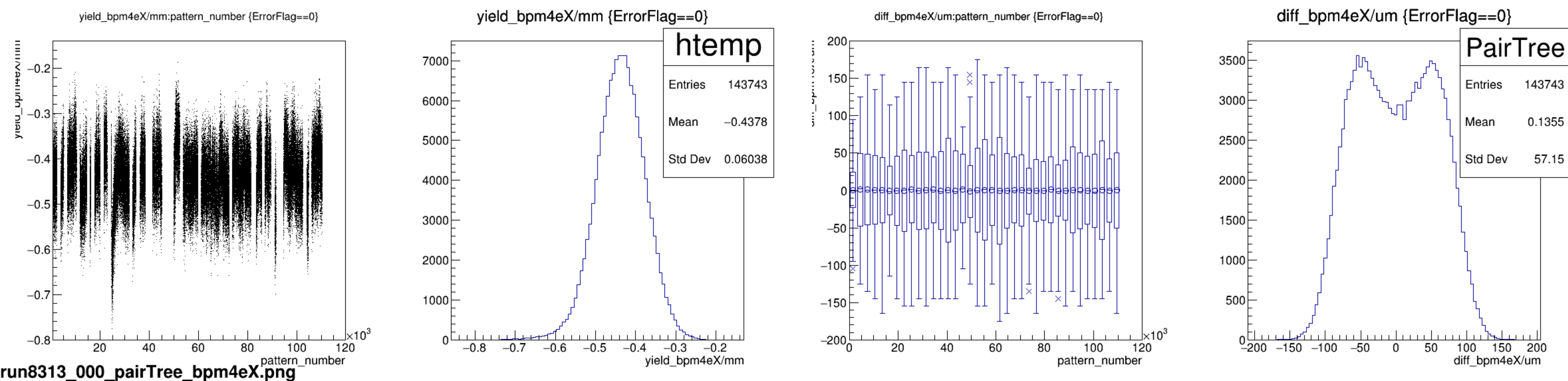
diff_bpm4aX/um:pattern_number {ErrorFlag==0}

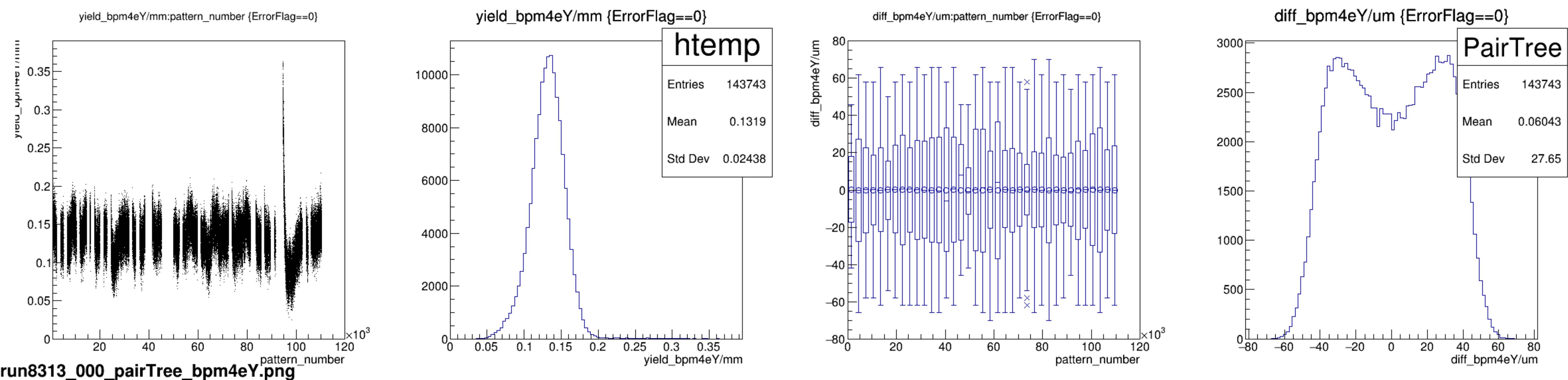


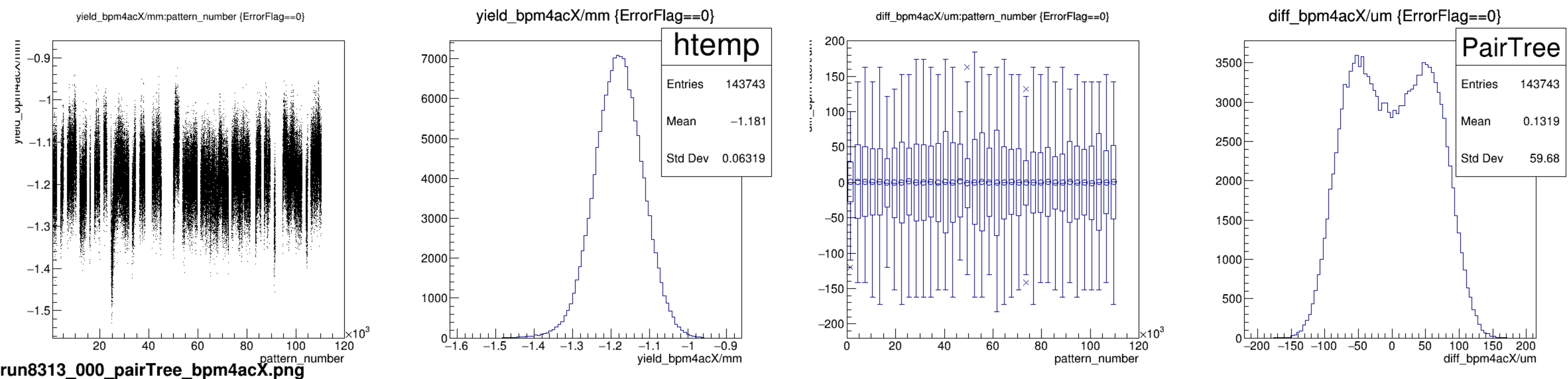
diff_bpm4aX/um {ErrorFlag==0}

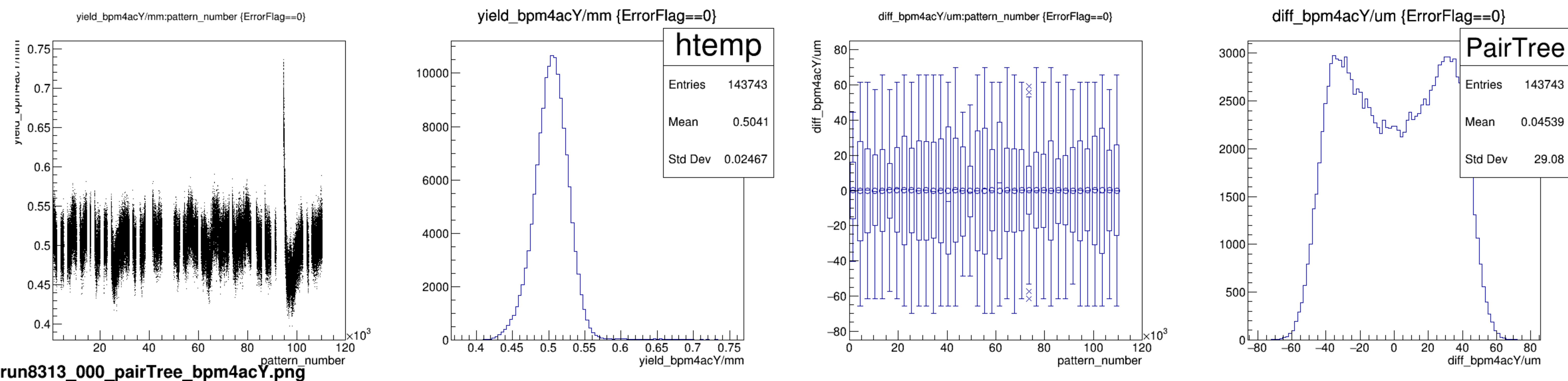


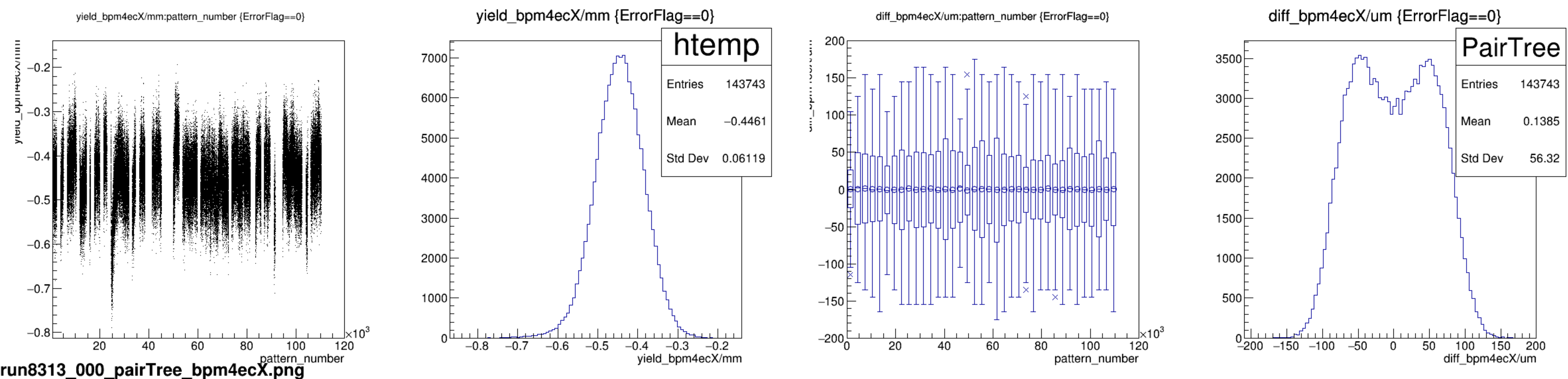




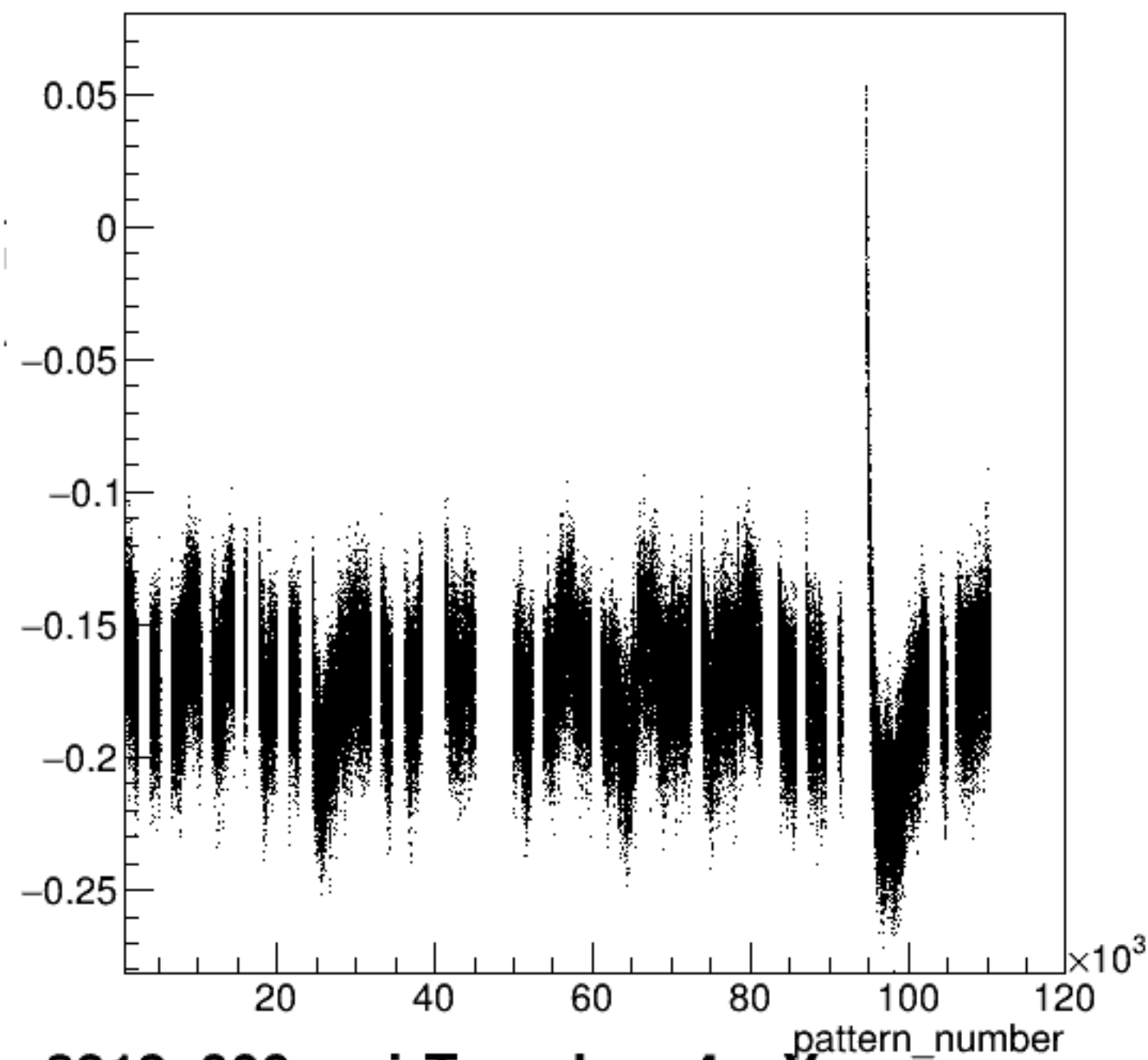




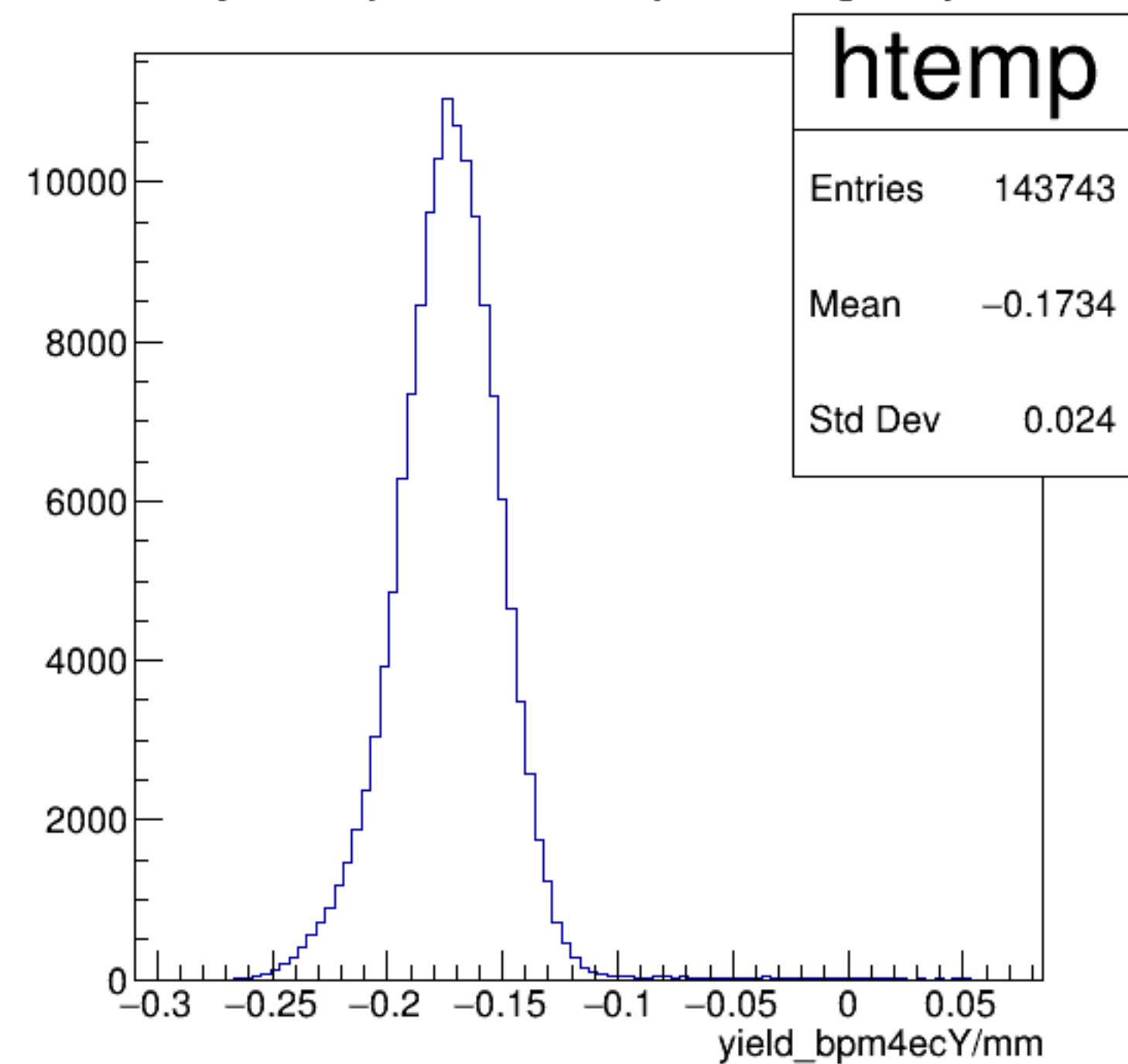




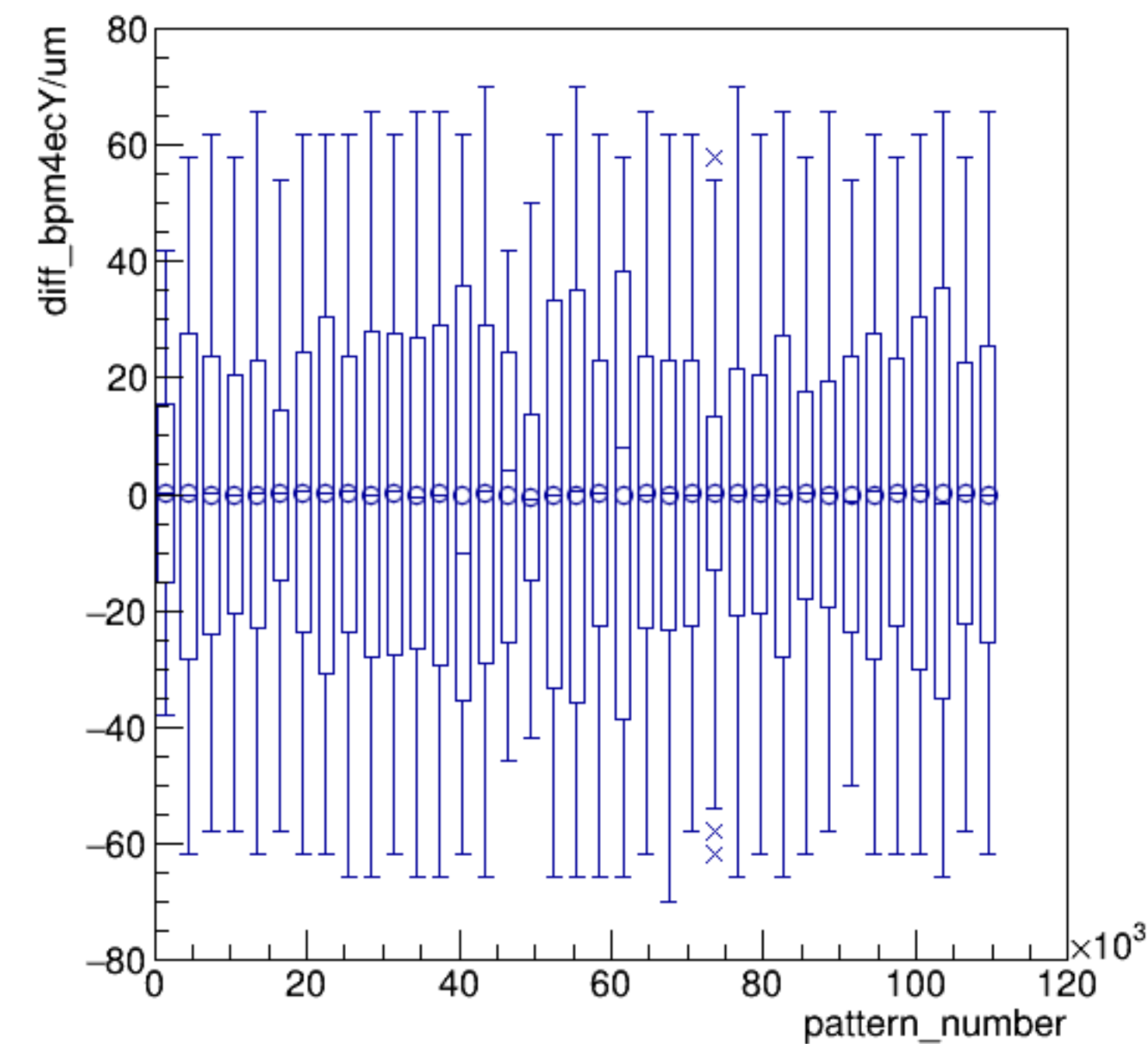
yield_bpm4ecY/mm:pattern_number {ErrorFlag==0}



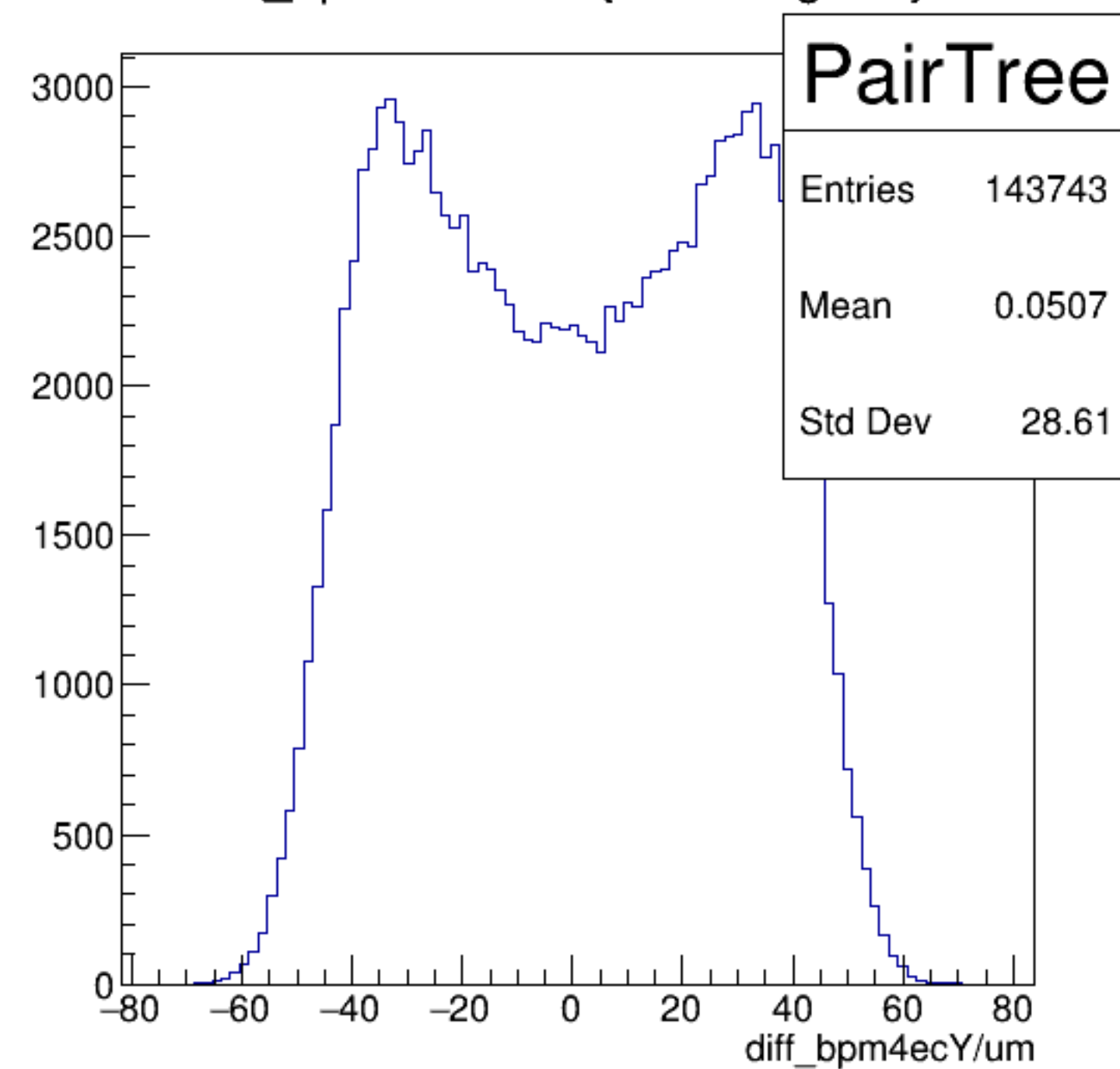
yield_bpm4ecY/mm {ErrorFlag==0}

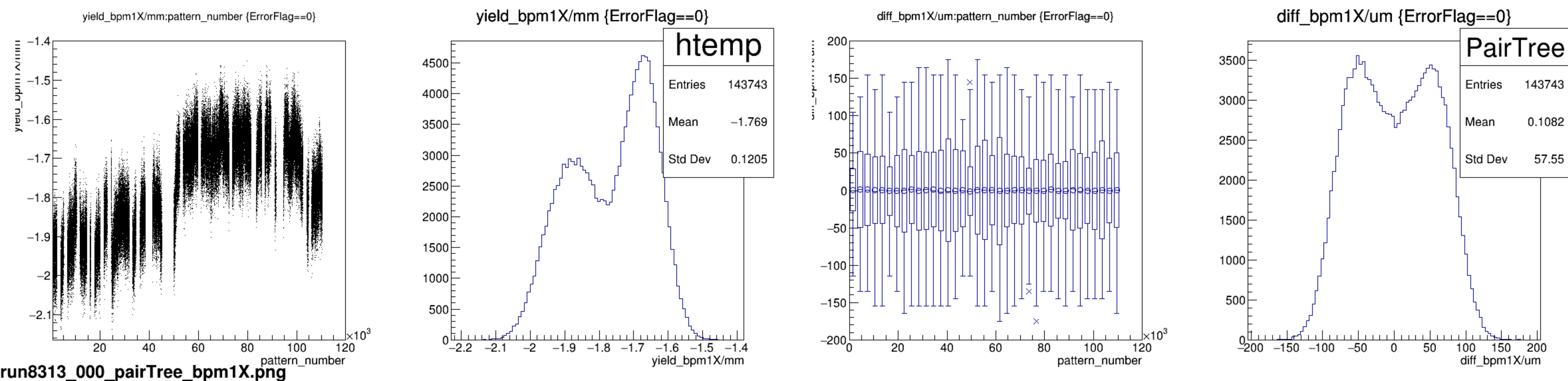


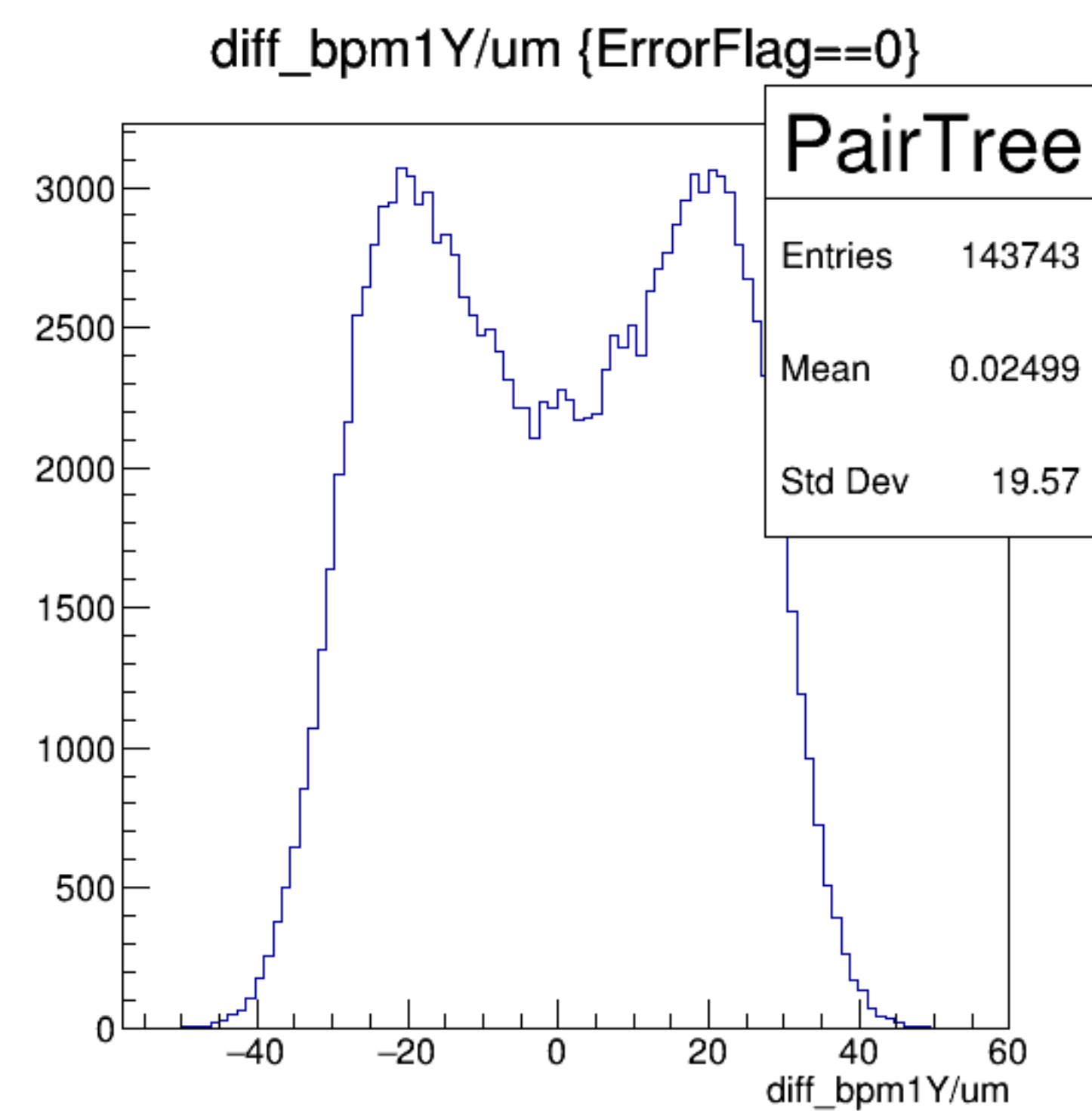
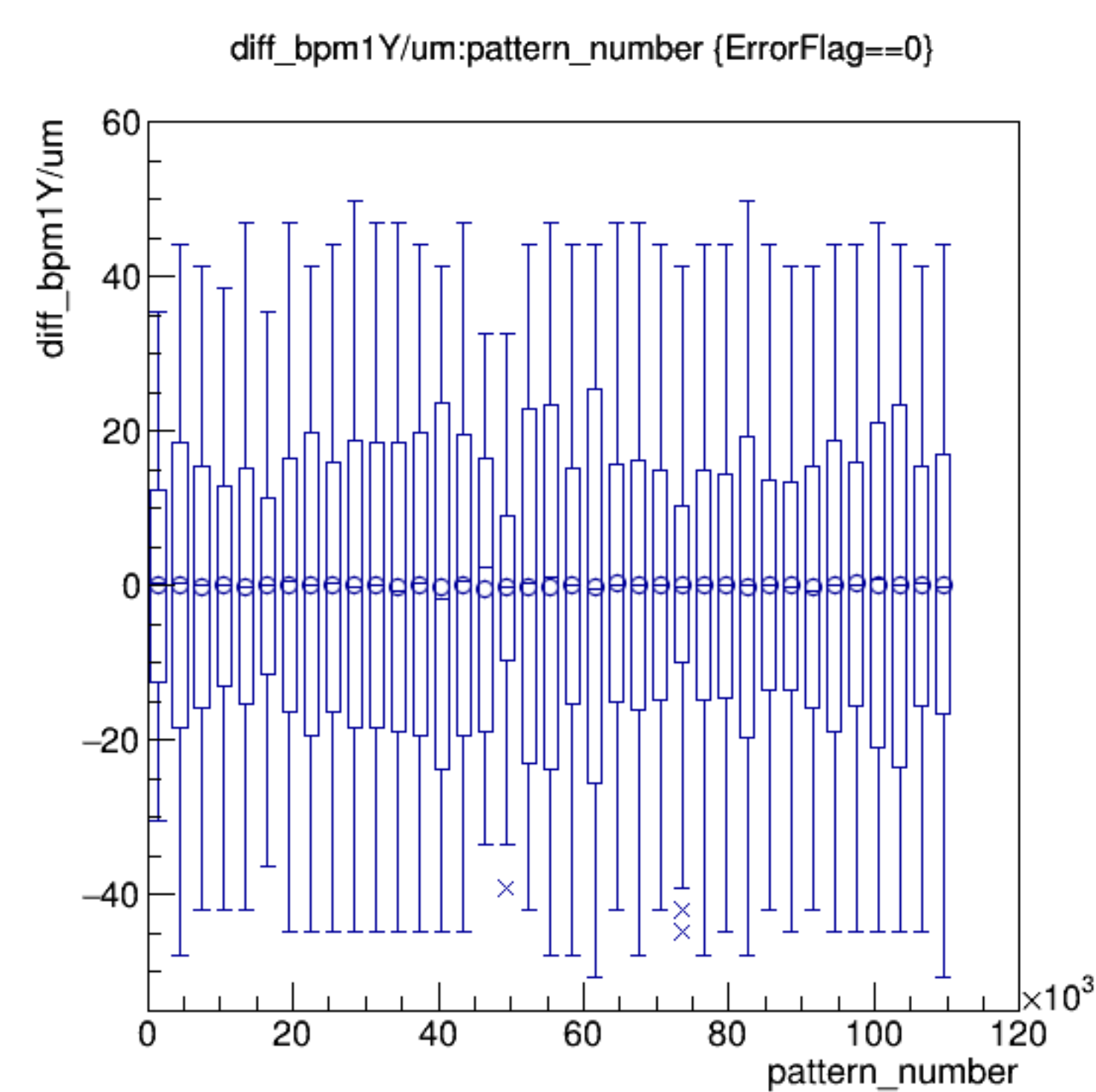
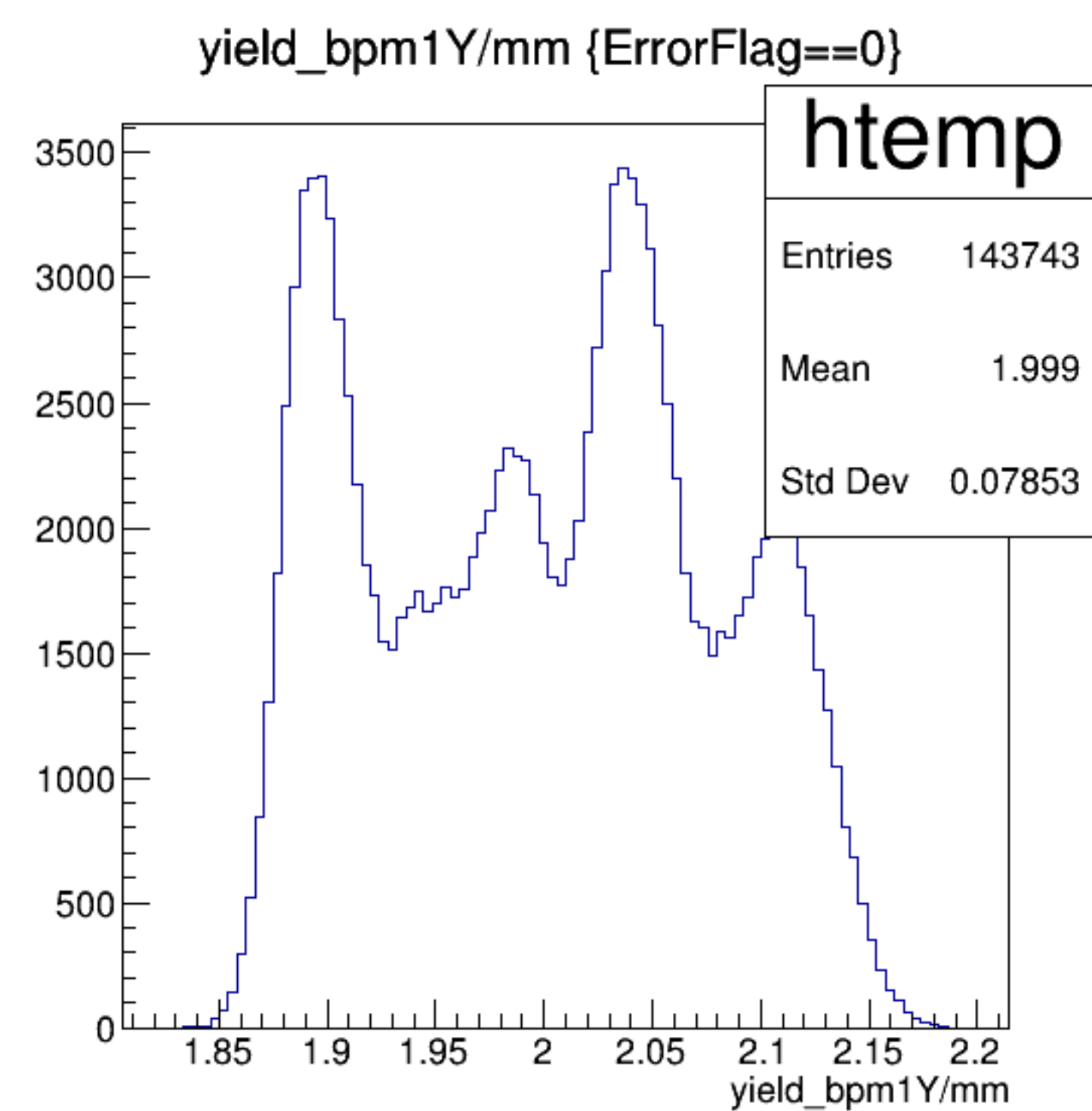
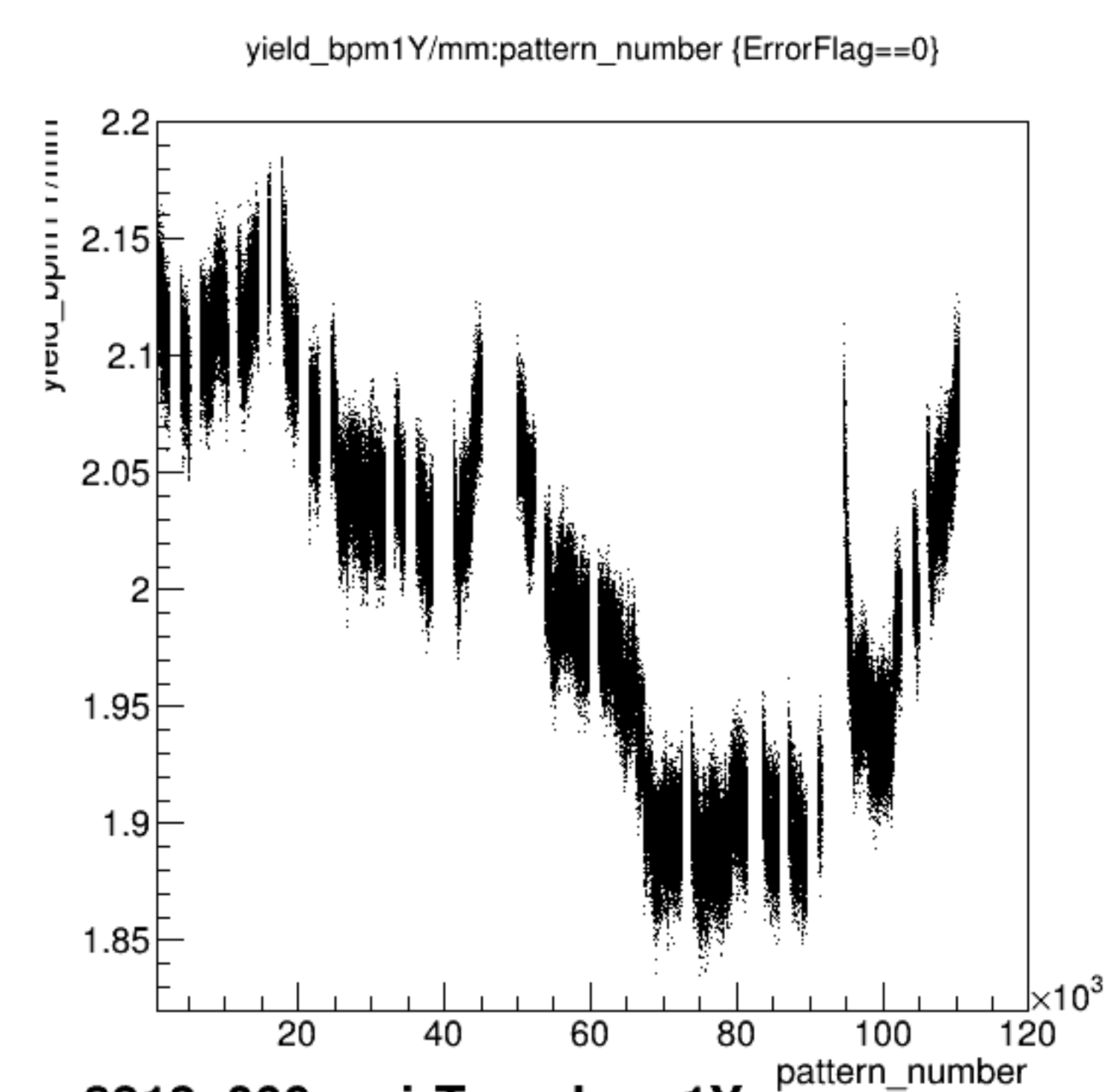
diff_bpm4ecY/um:pattern_number {ErrorFlag==0}

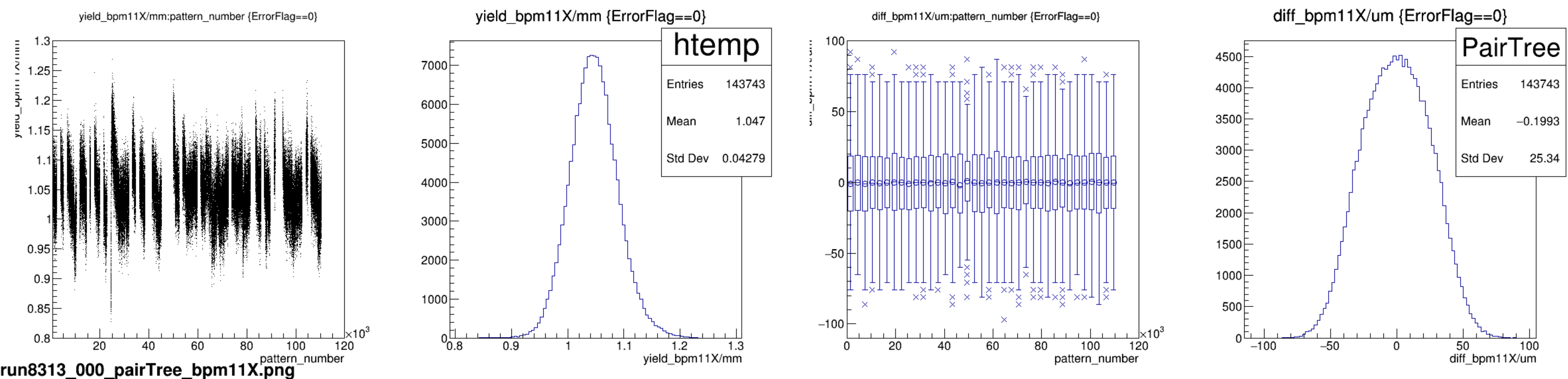


diff_bpm4ecY/um {ErrorFlag==0}

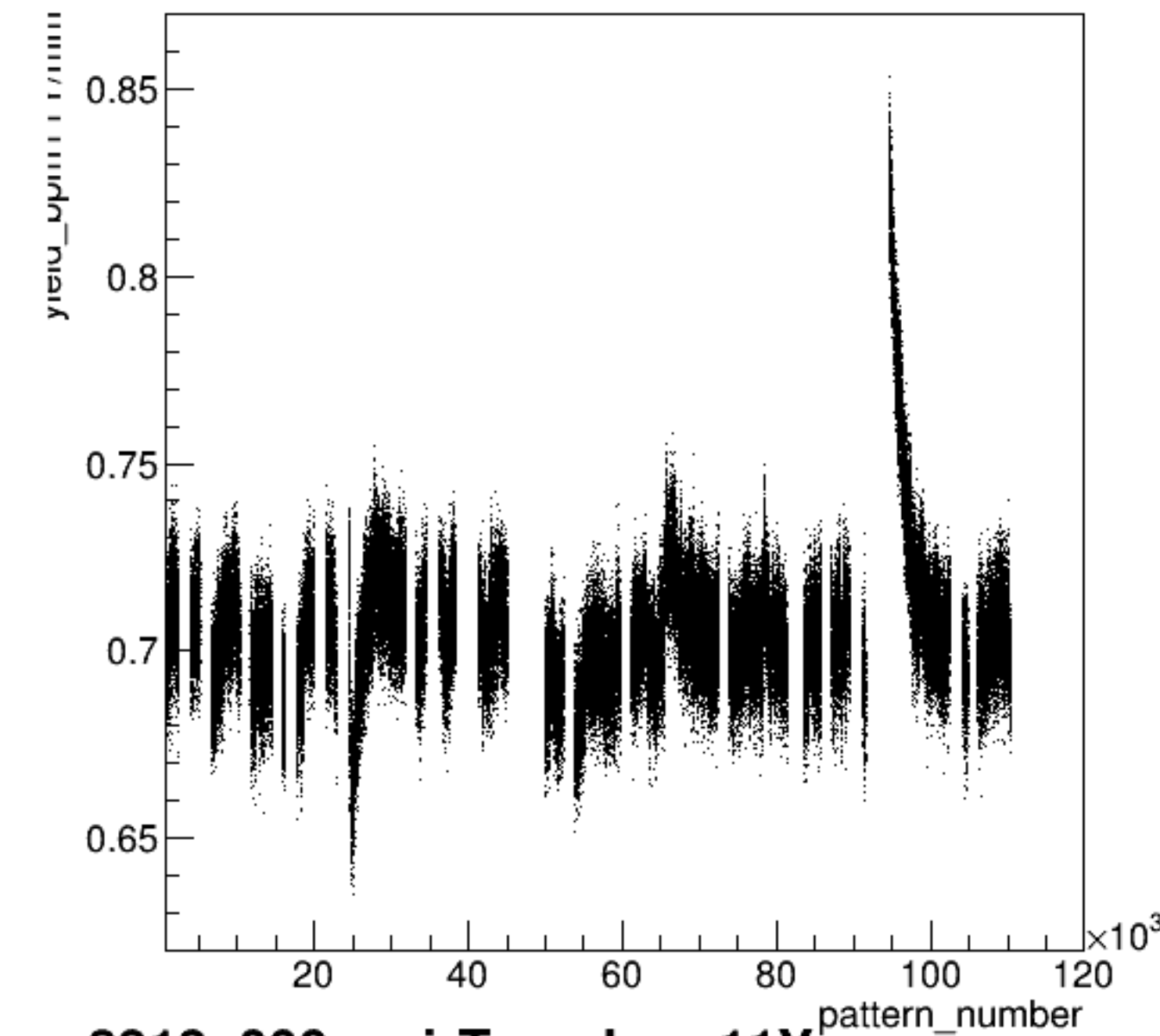




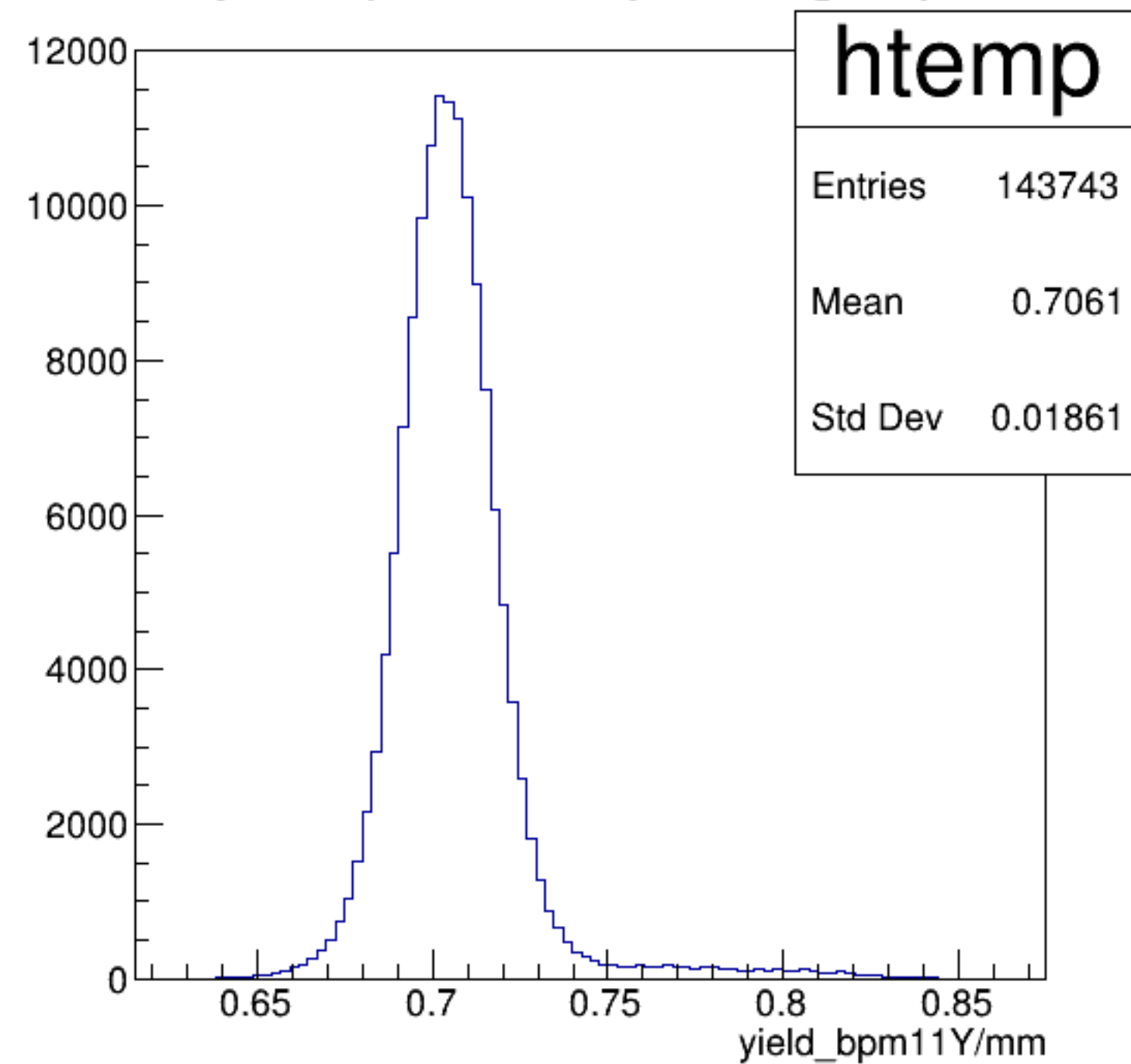




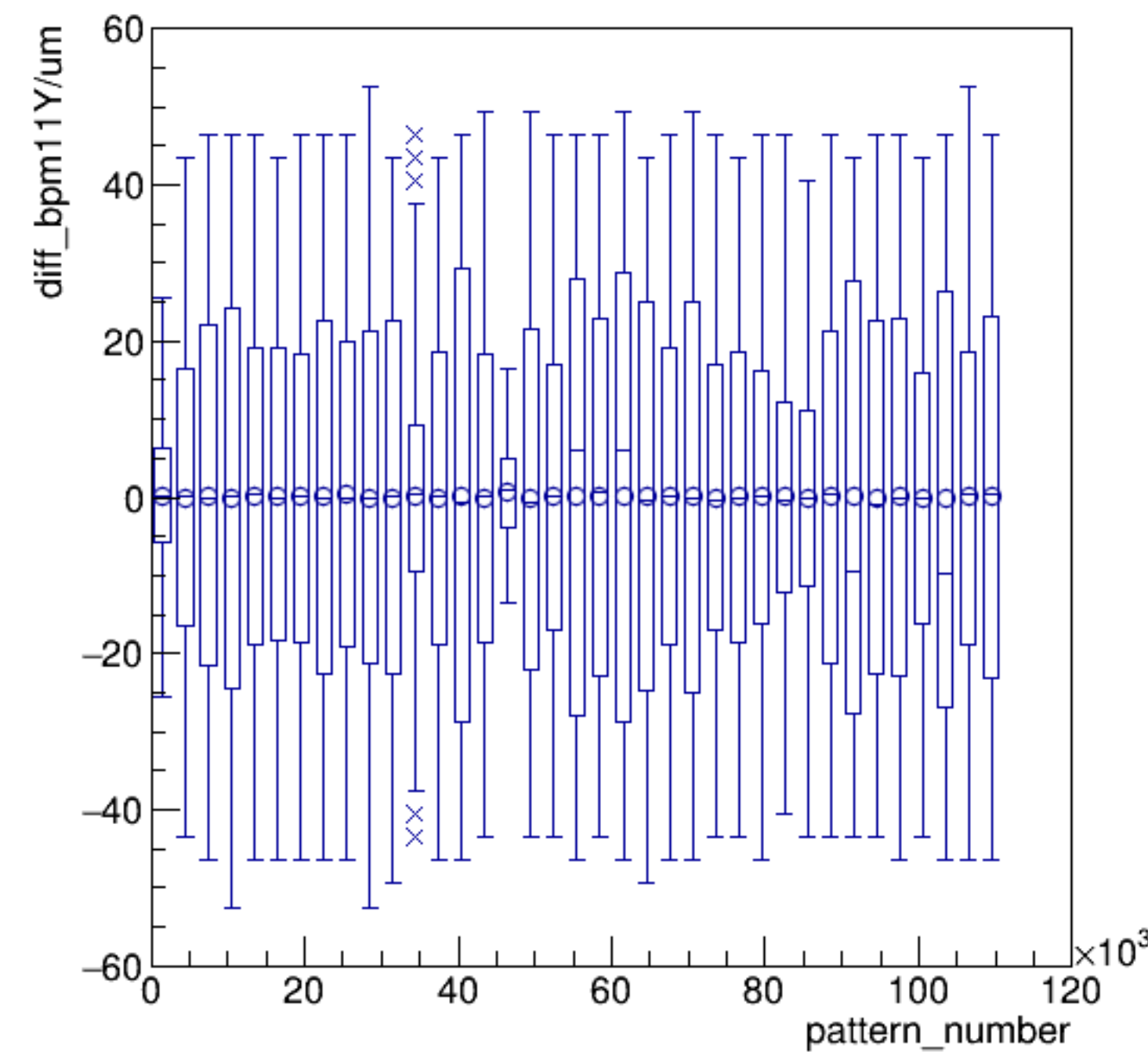
yield_bpm11Y/mm:pattern_number {ErrorFlag==0}



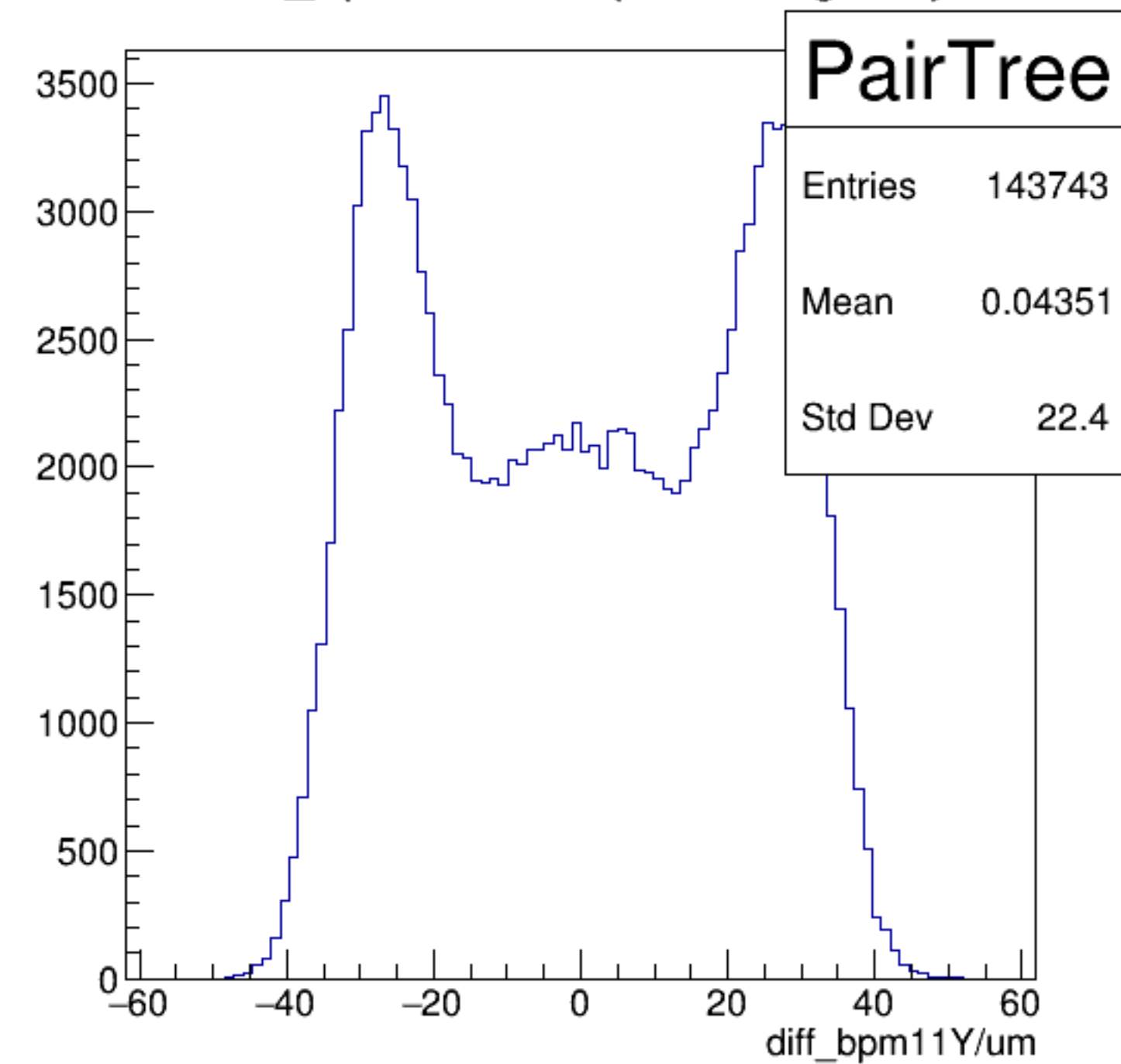
yield_bpm11Y/mm {ErrorFlag==0}

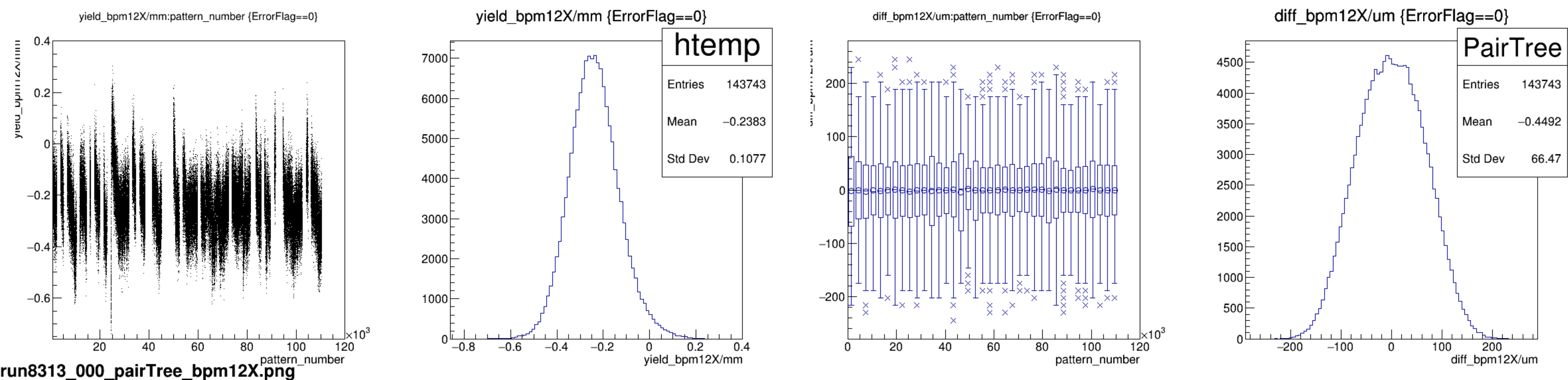


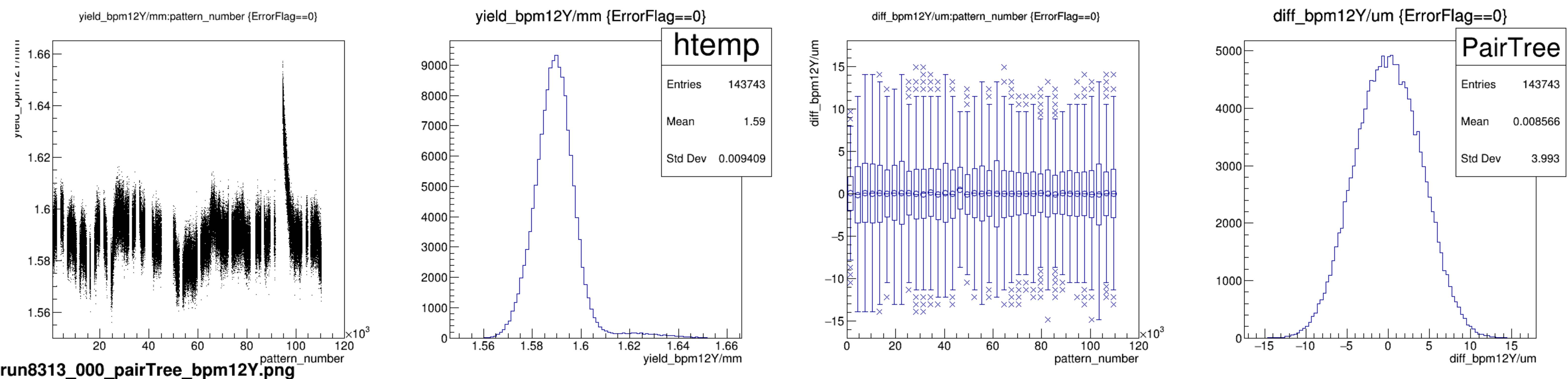
diff_bpm11Y/um:pattern_number {ErrorFlag==0}



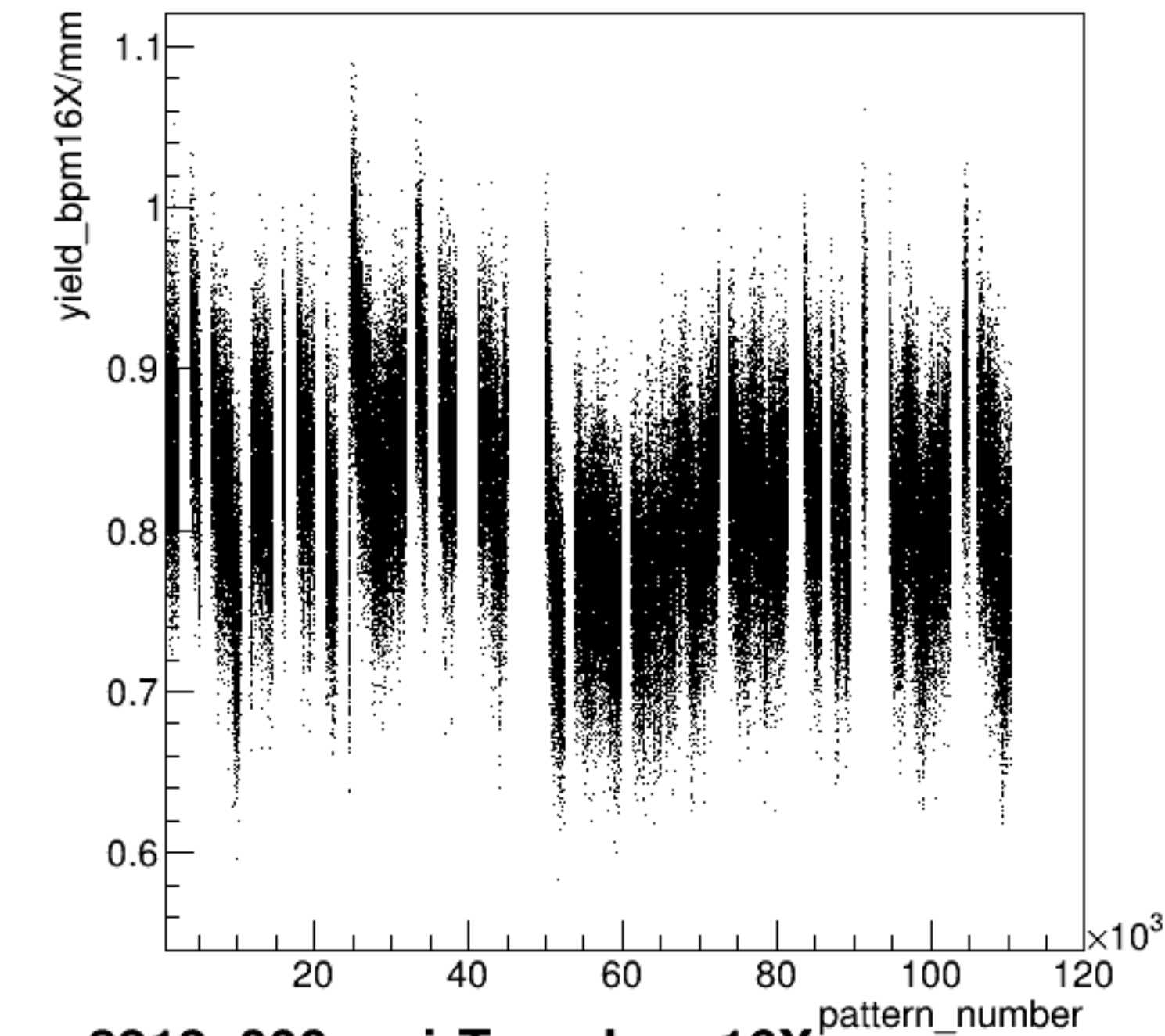
diff_bpm11Y/um {ErrorFlag==0}



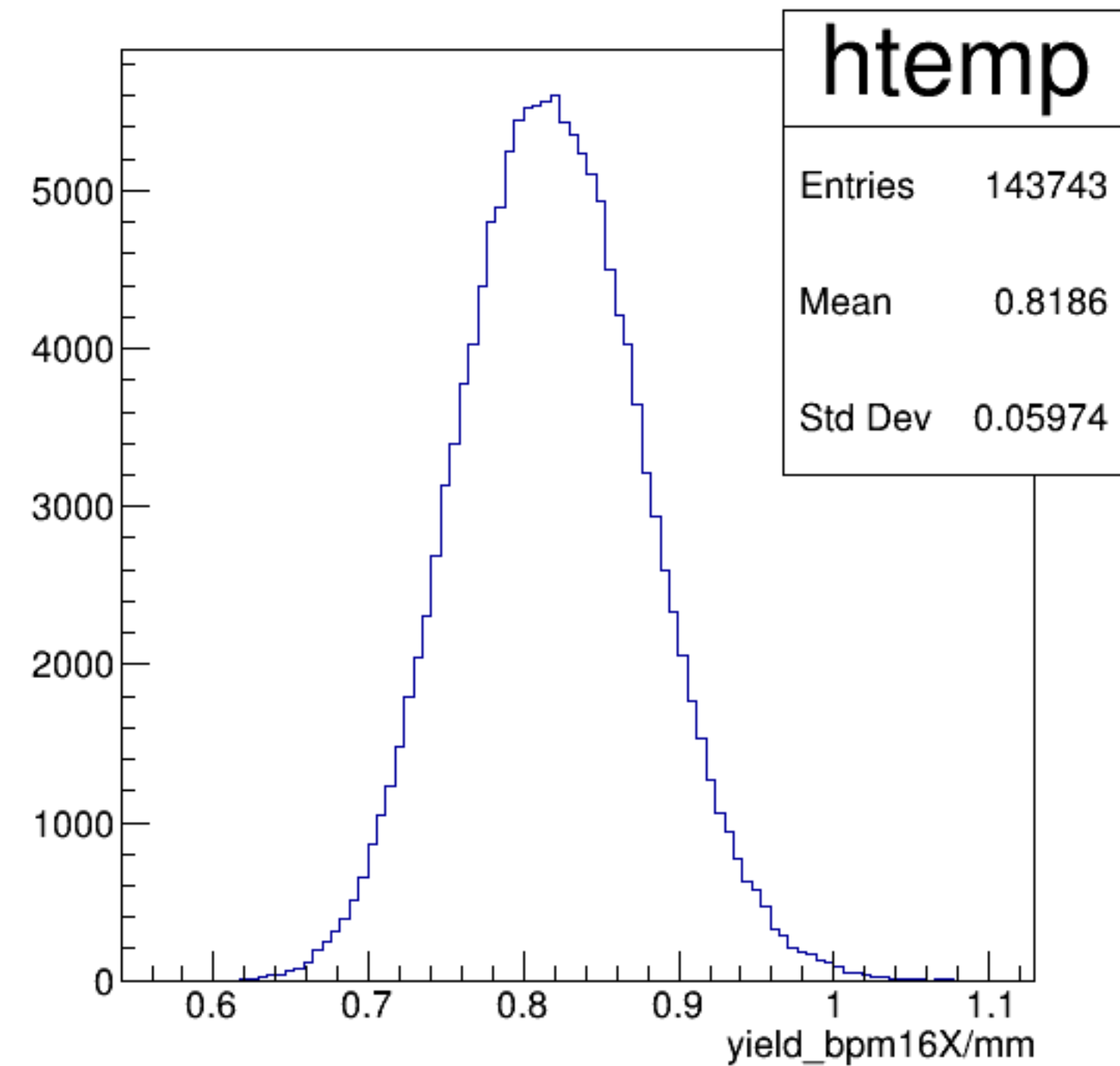




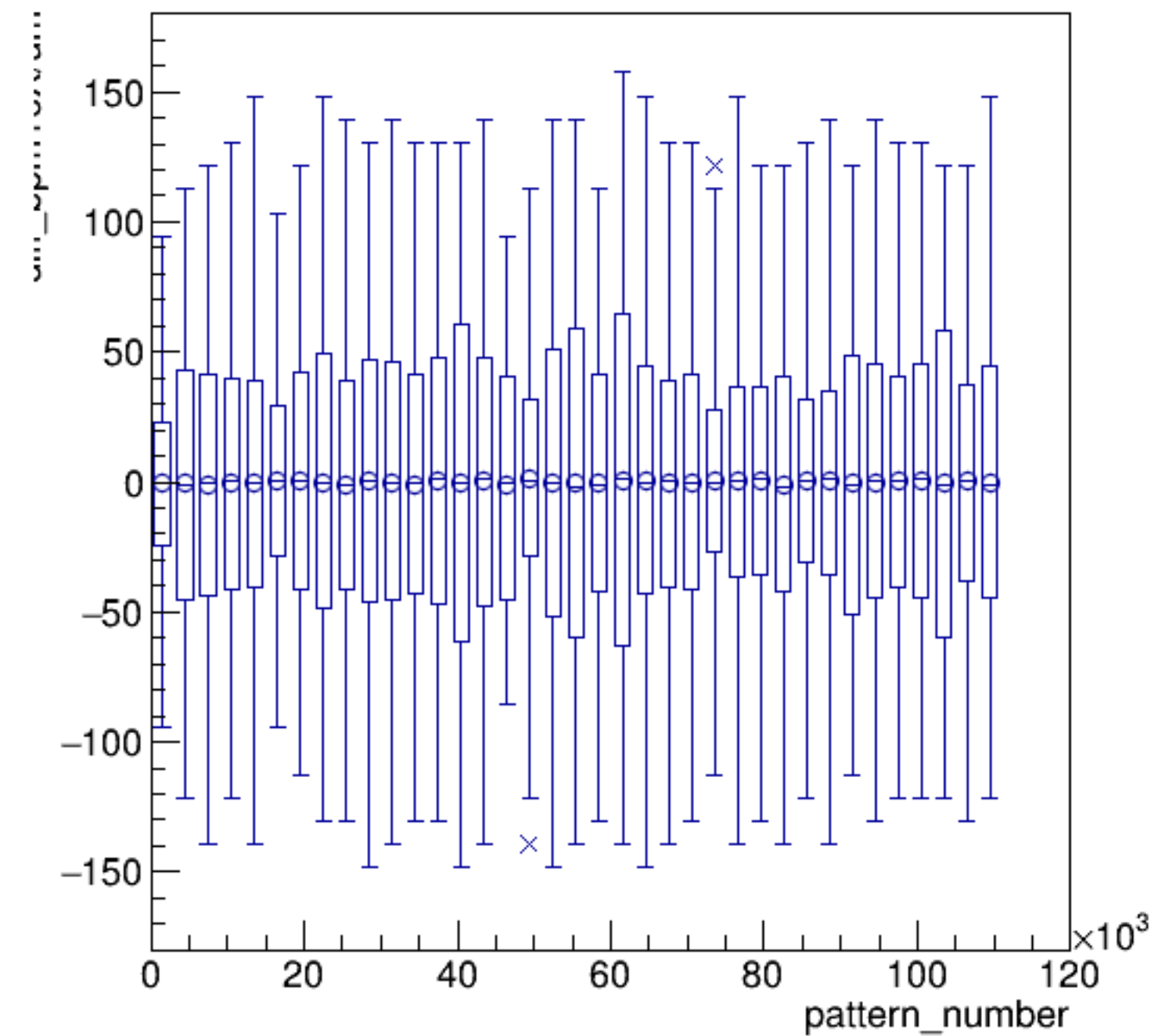
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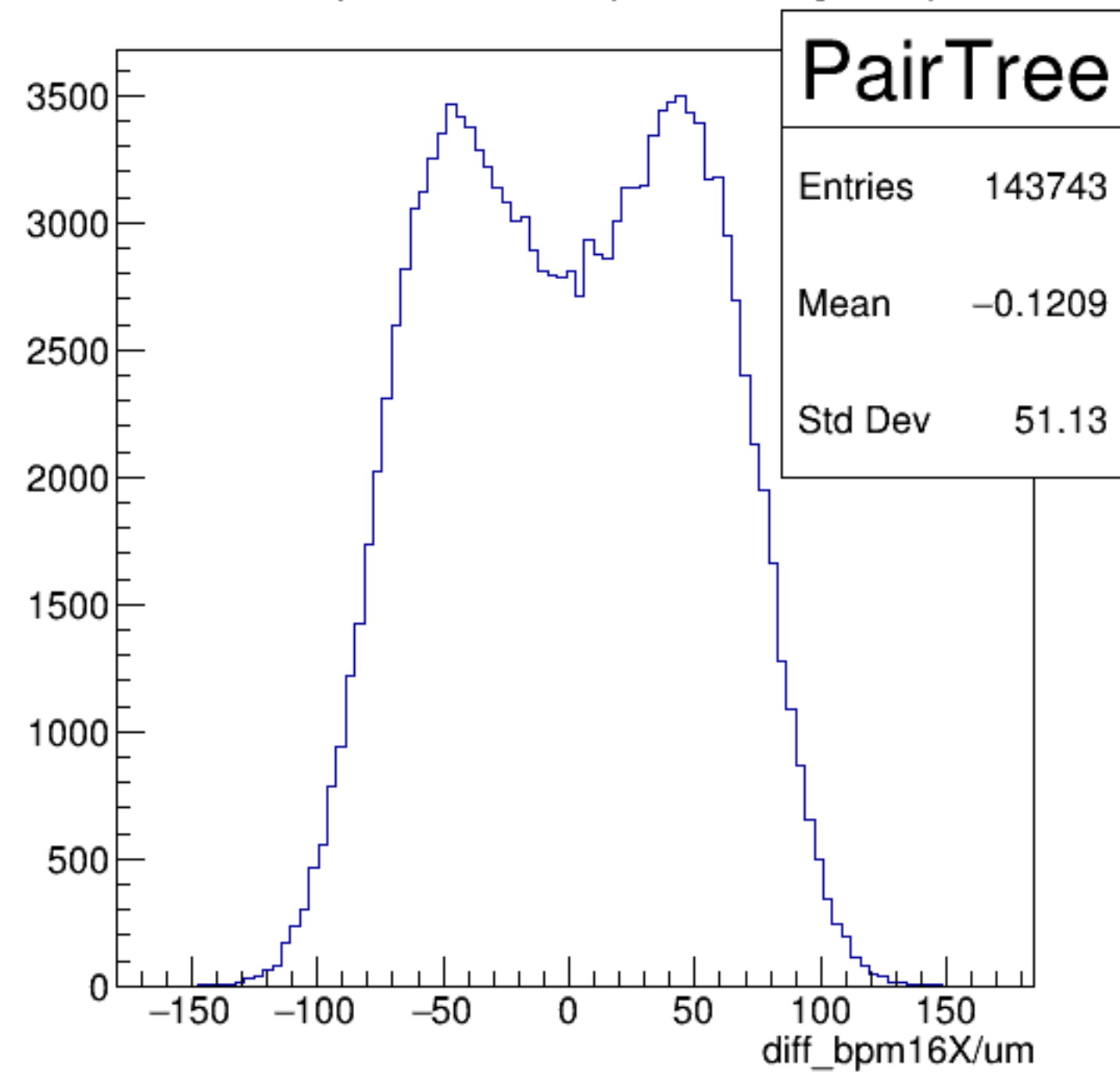
yield_bpm16X/mm {ErrorFlag==0}



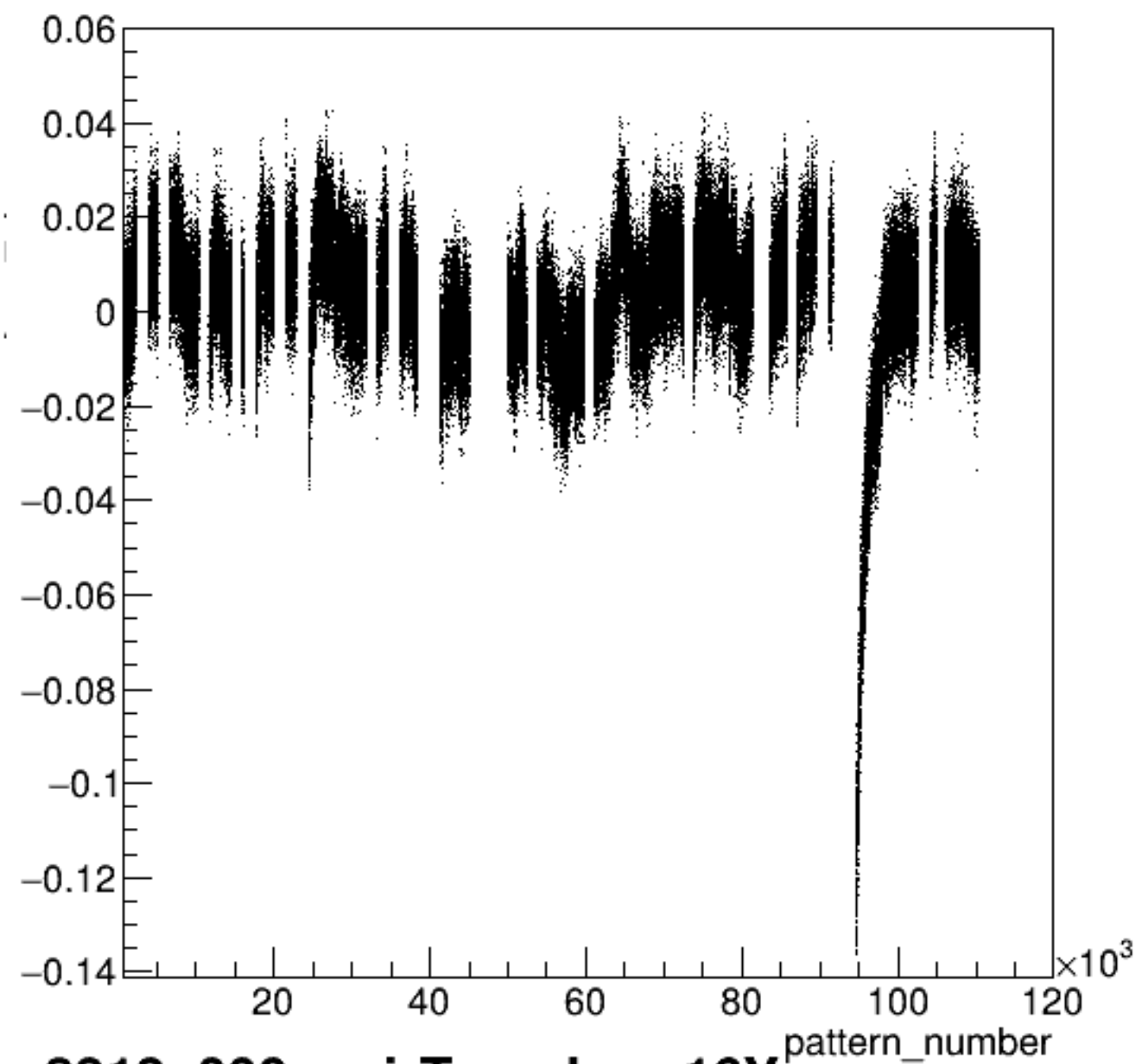
diff_bpm16X/um:pattern_number {ErrorFlag==0}



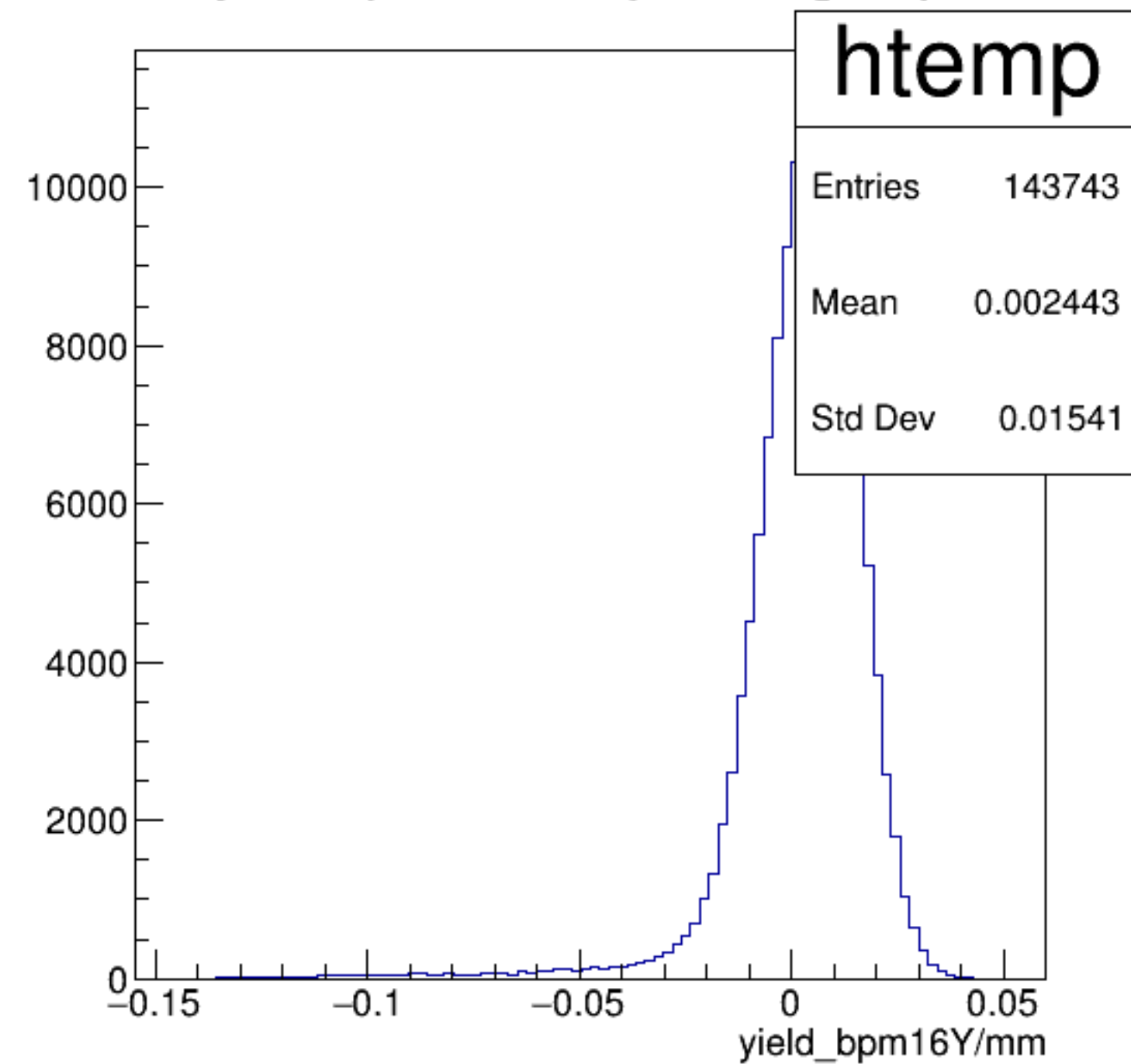
diff_bpm16X/um {ErrorFlag==0}



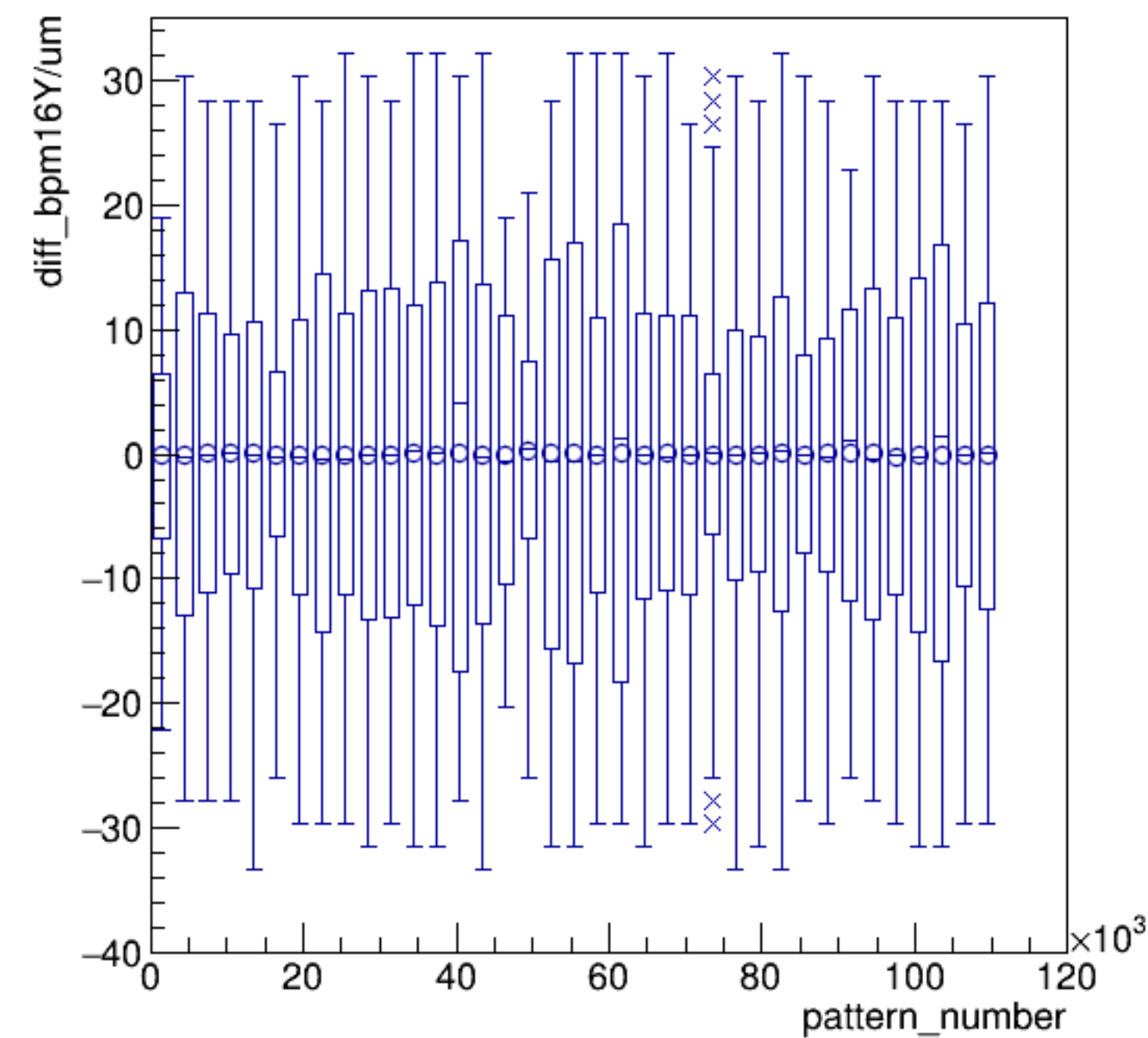
yield_bpm16Y/mm:pattern_number {ErrorFlag==0}



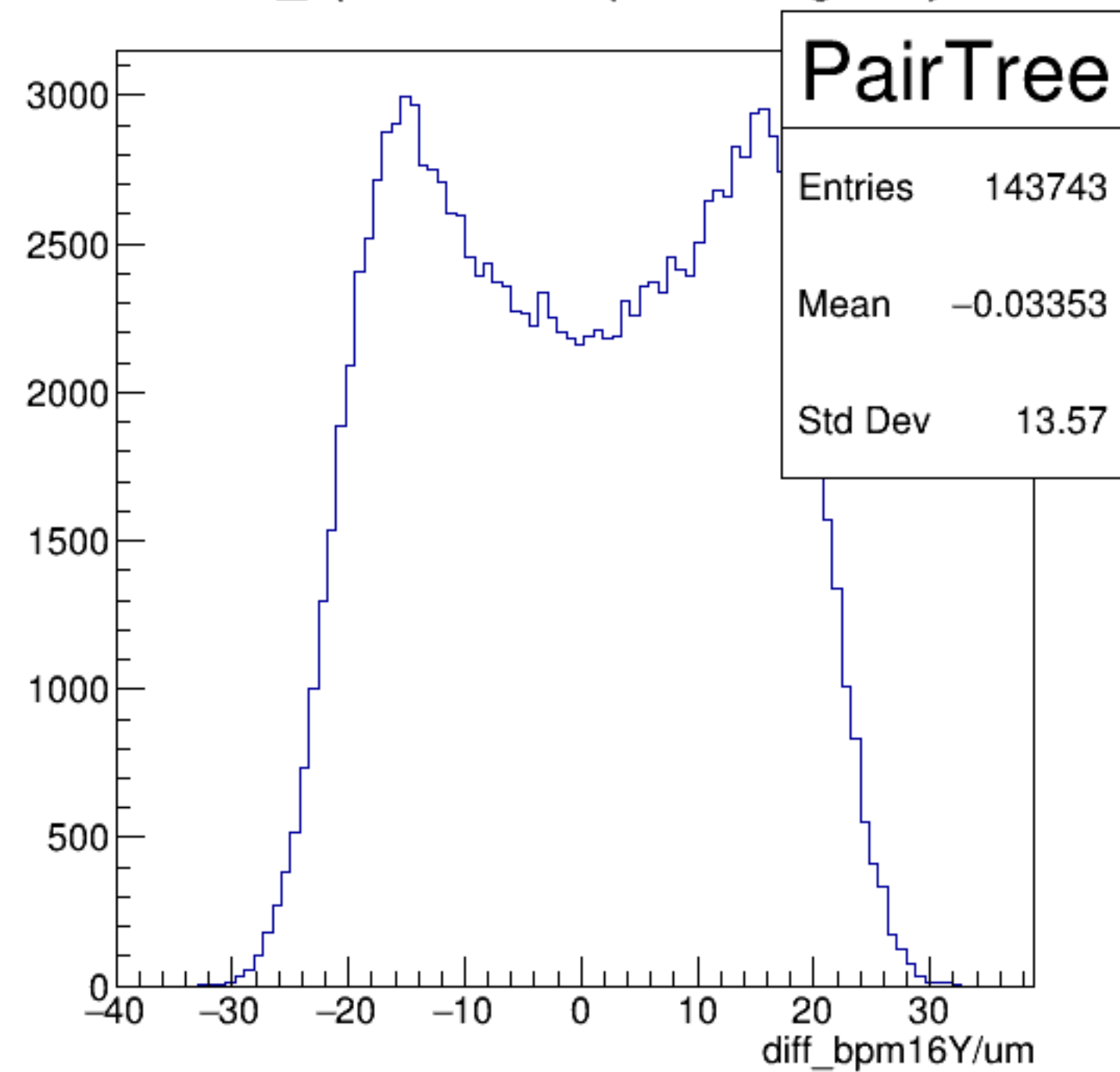
yield_bpm16Y/mm {ErrorFlag==0}

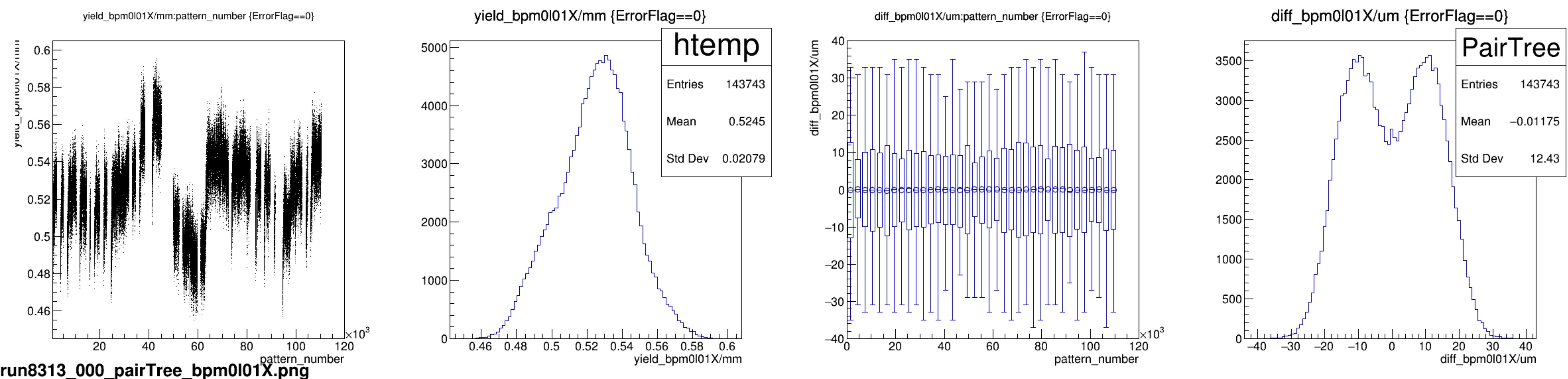


diff_bpm16Y/um:pattern_number {ErrorFlag==0}

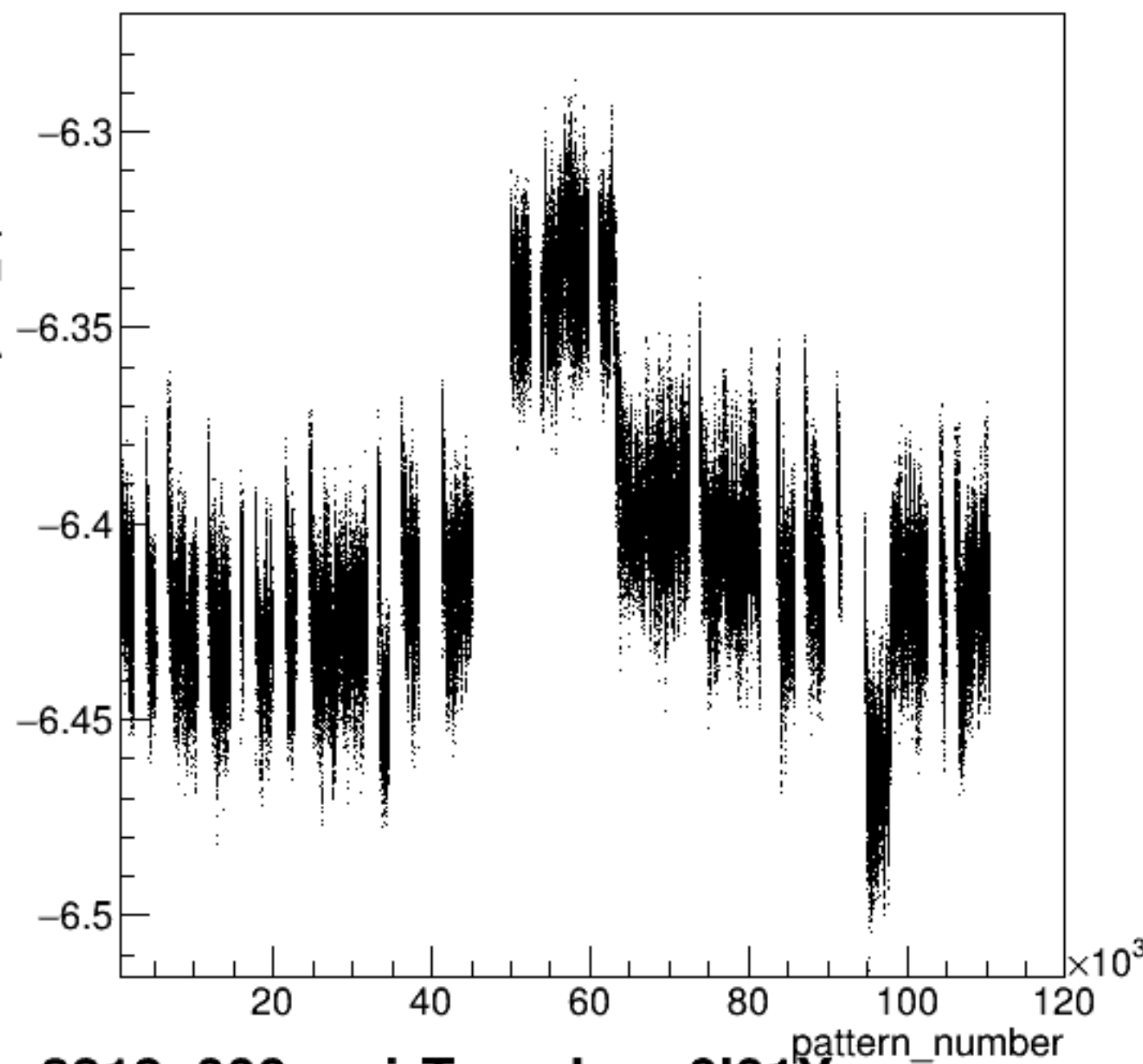


diff_bpm16Y/um {ErrorFlag==0}



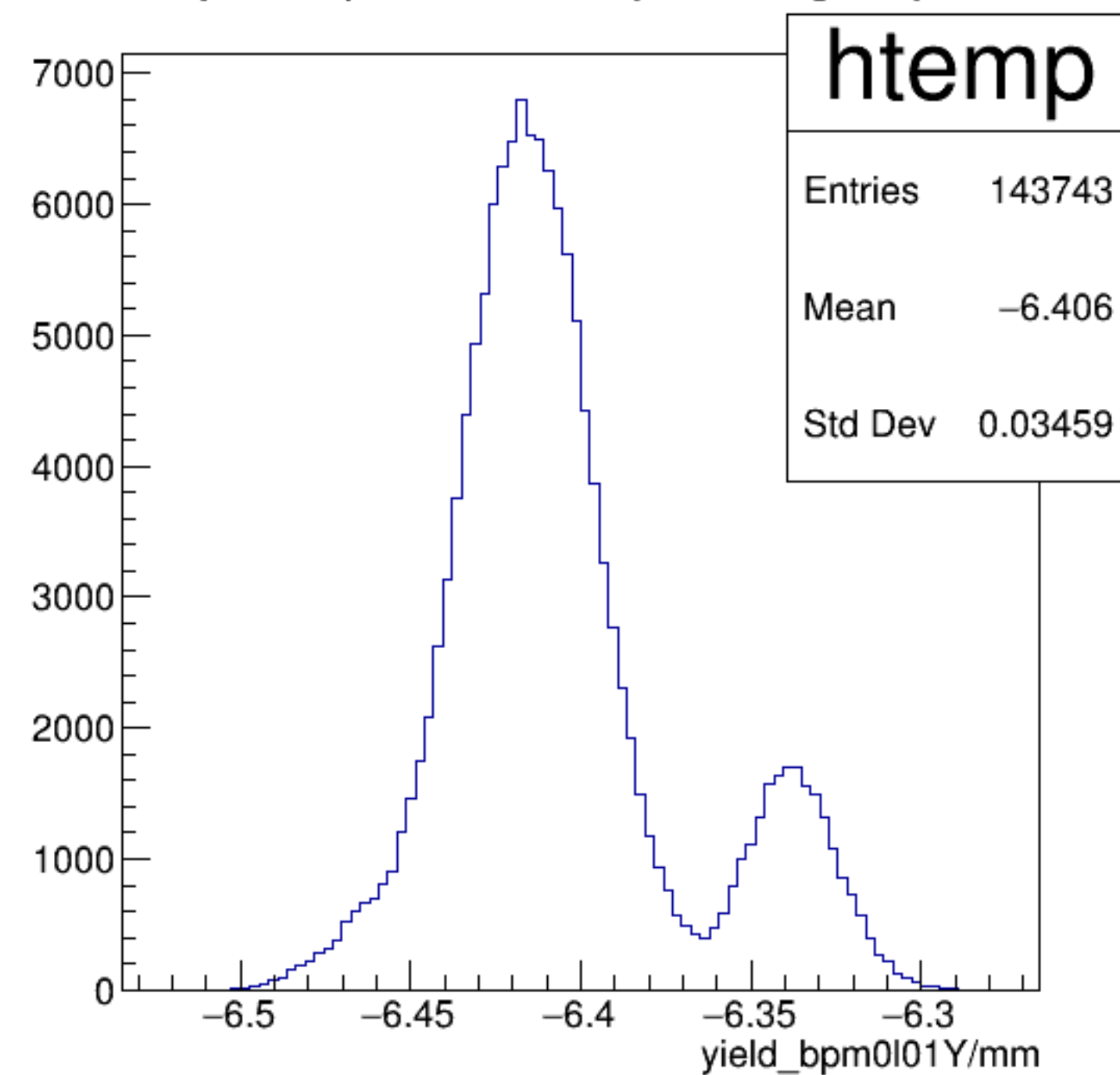


yield_bpm0l01Y/mm:pattern_number {ErrorFlag==0}



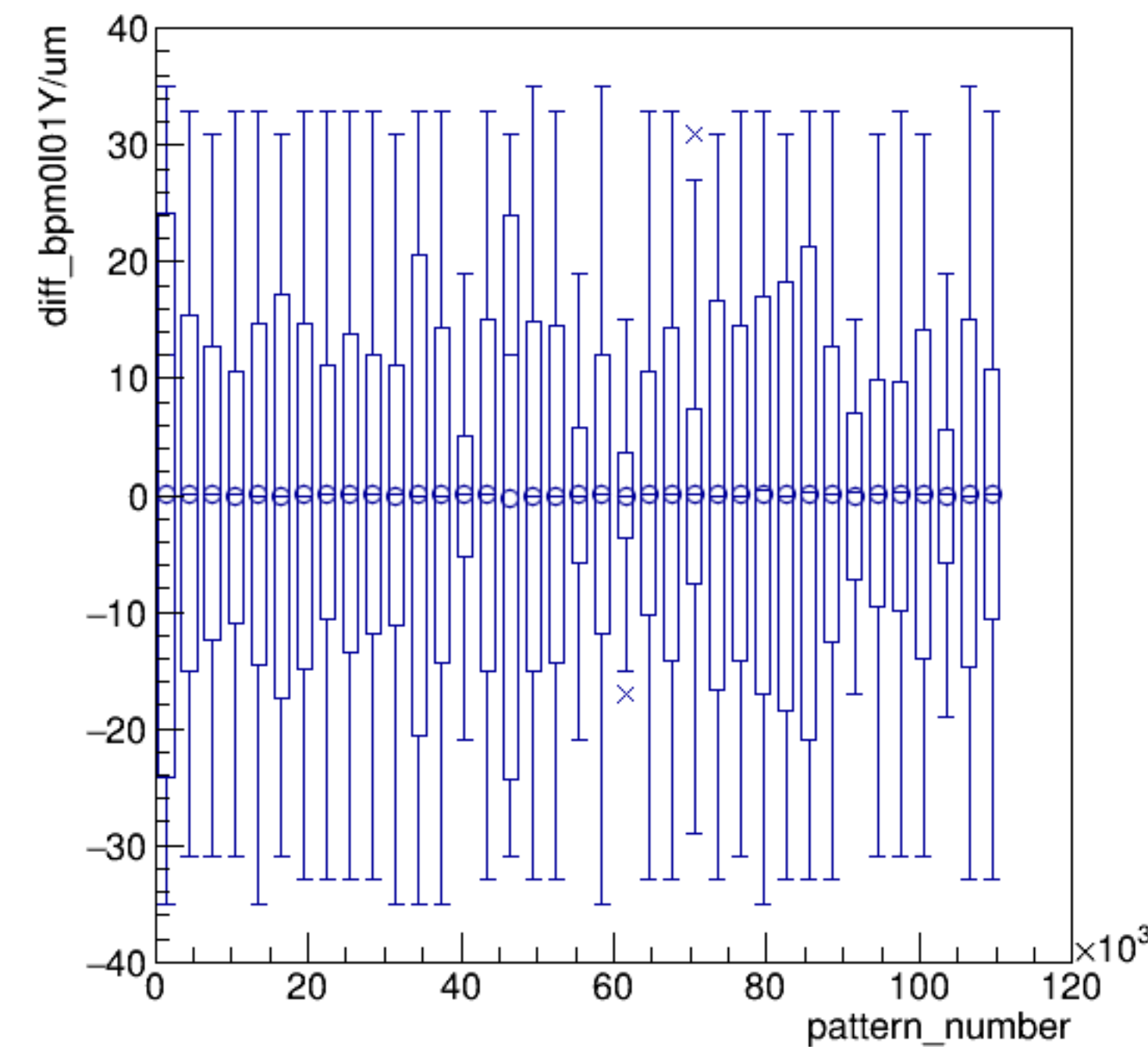
run8313_000_pairTree_bpm0l01Y.png

yield_bpm0l01Y/mm {ErrorFlag==0}

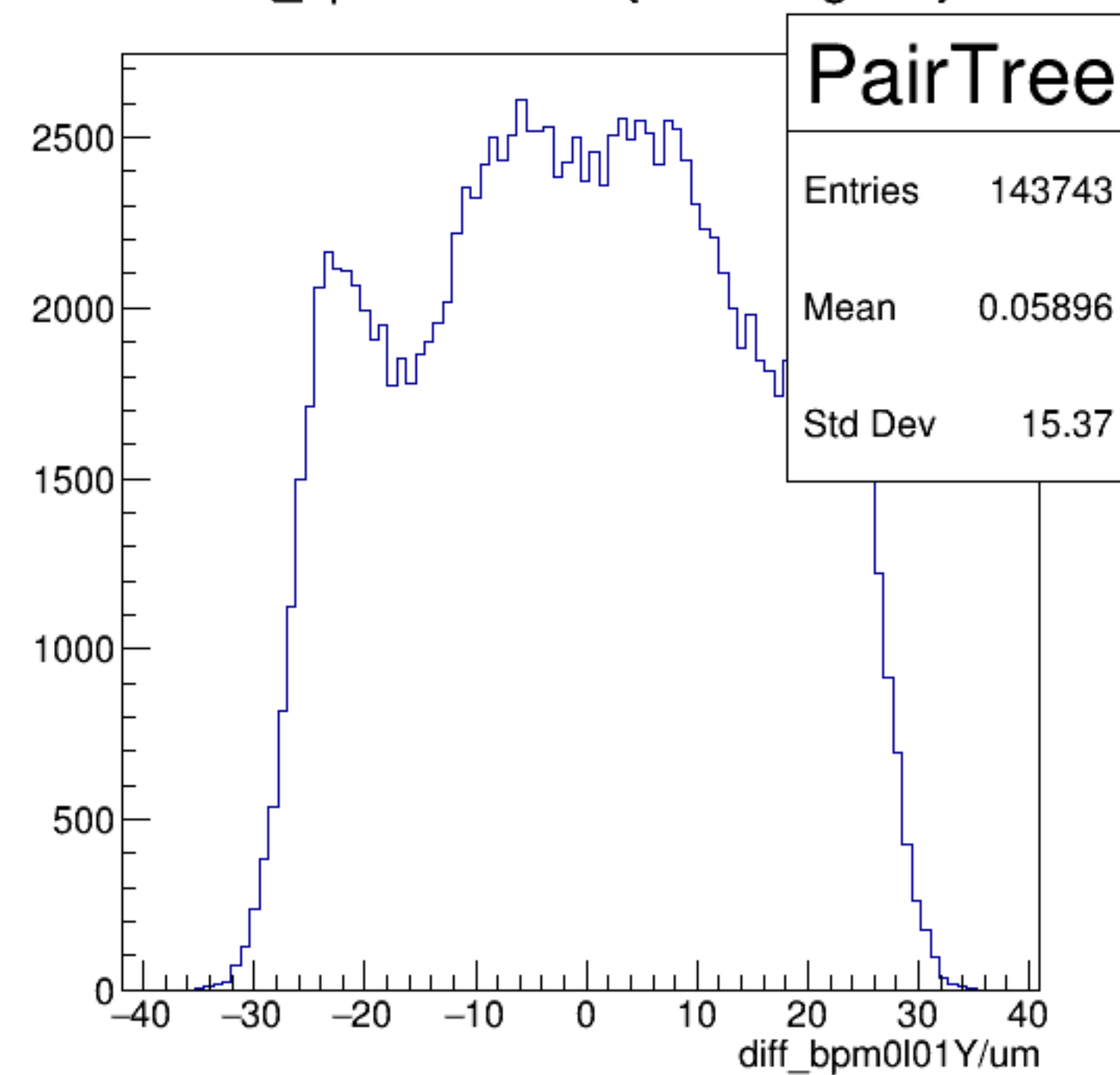
**htemp**

Entries	143743
Mean	-6.406
Std Dev	0.03459

diff_bpm0l01Y/um:pattern_number {ErrorFlag==0}

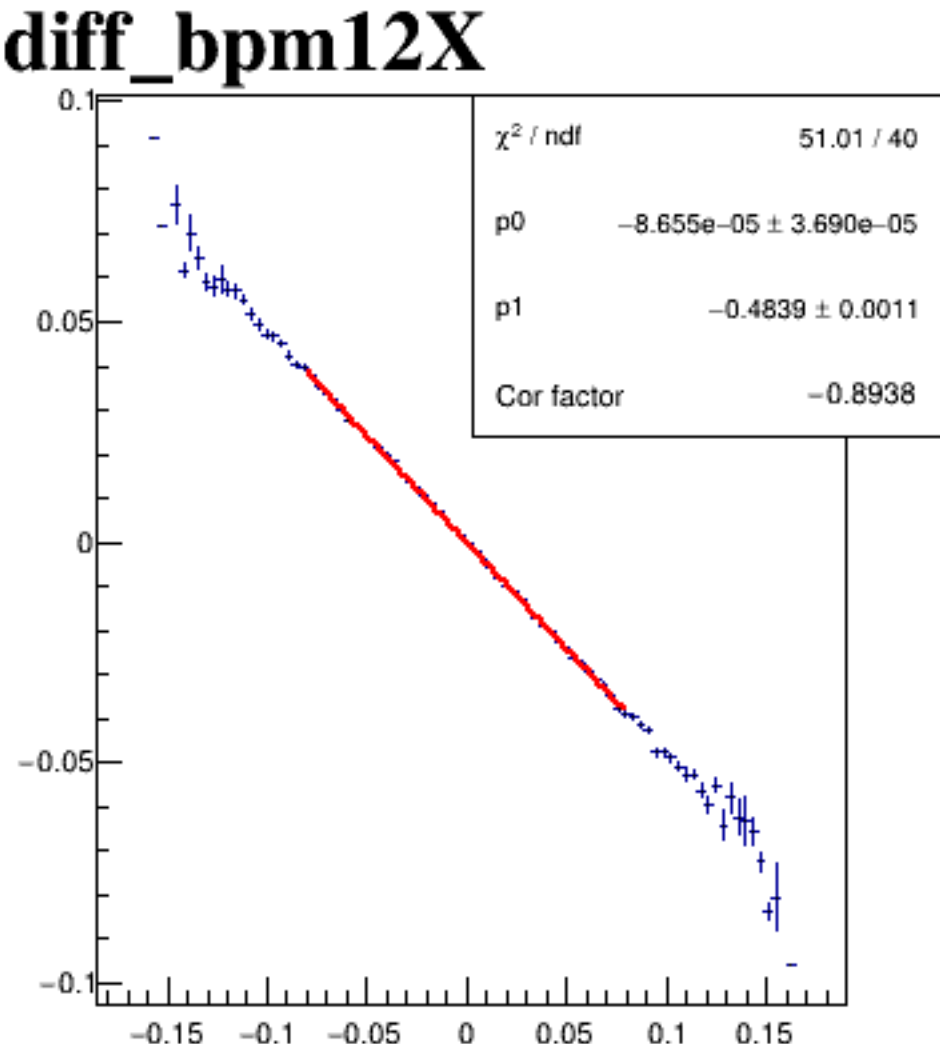
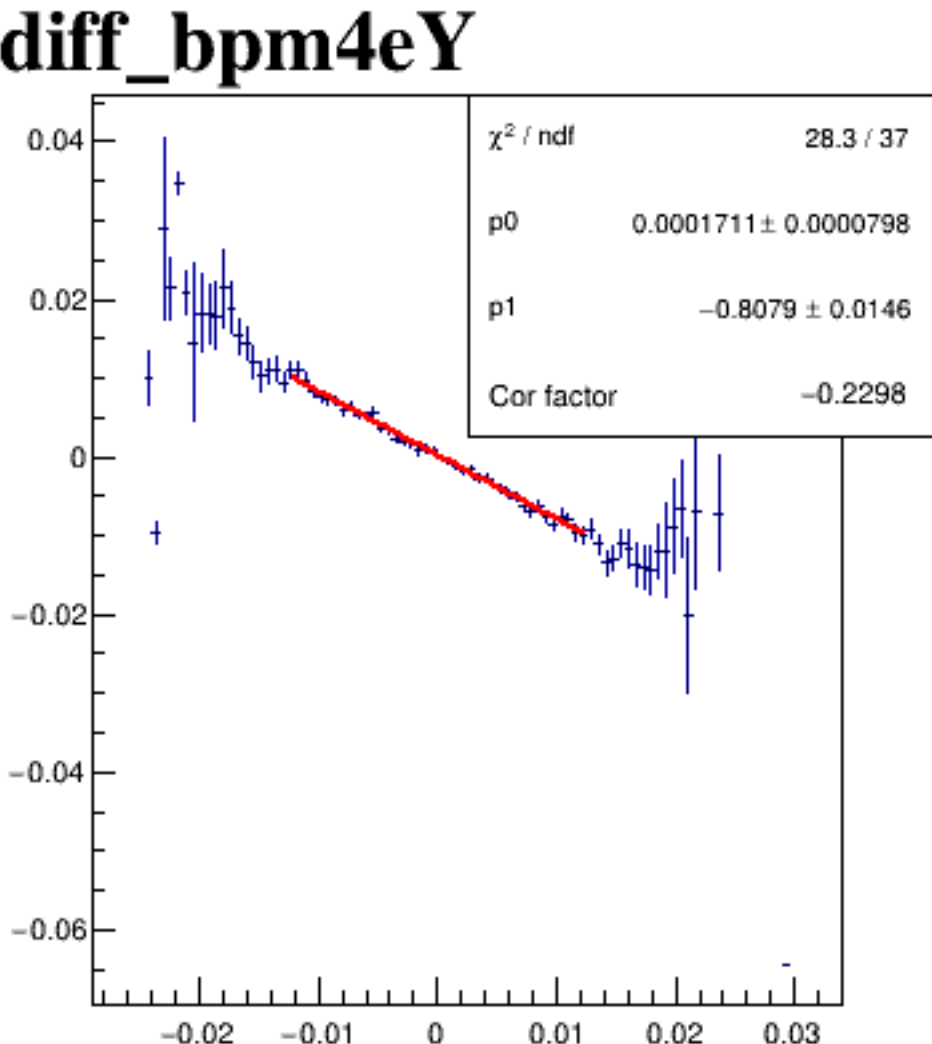
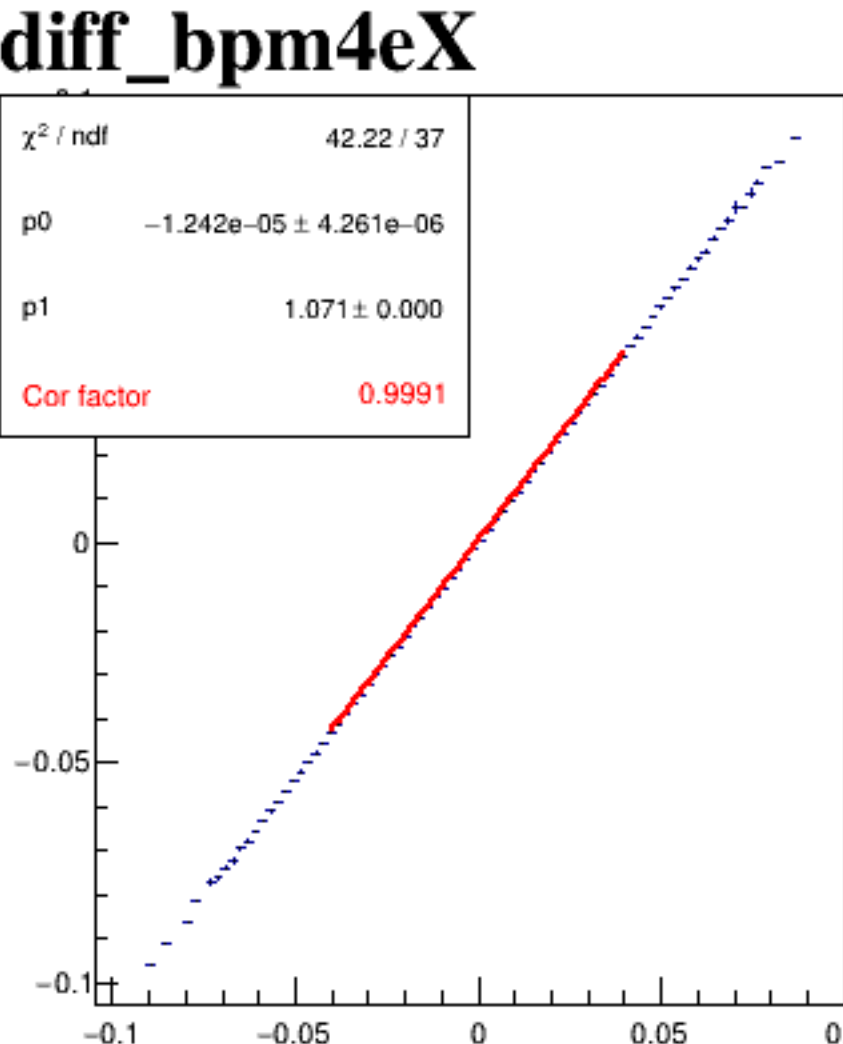
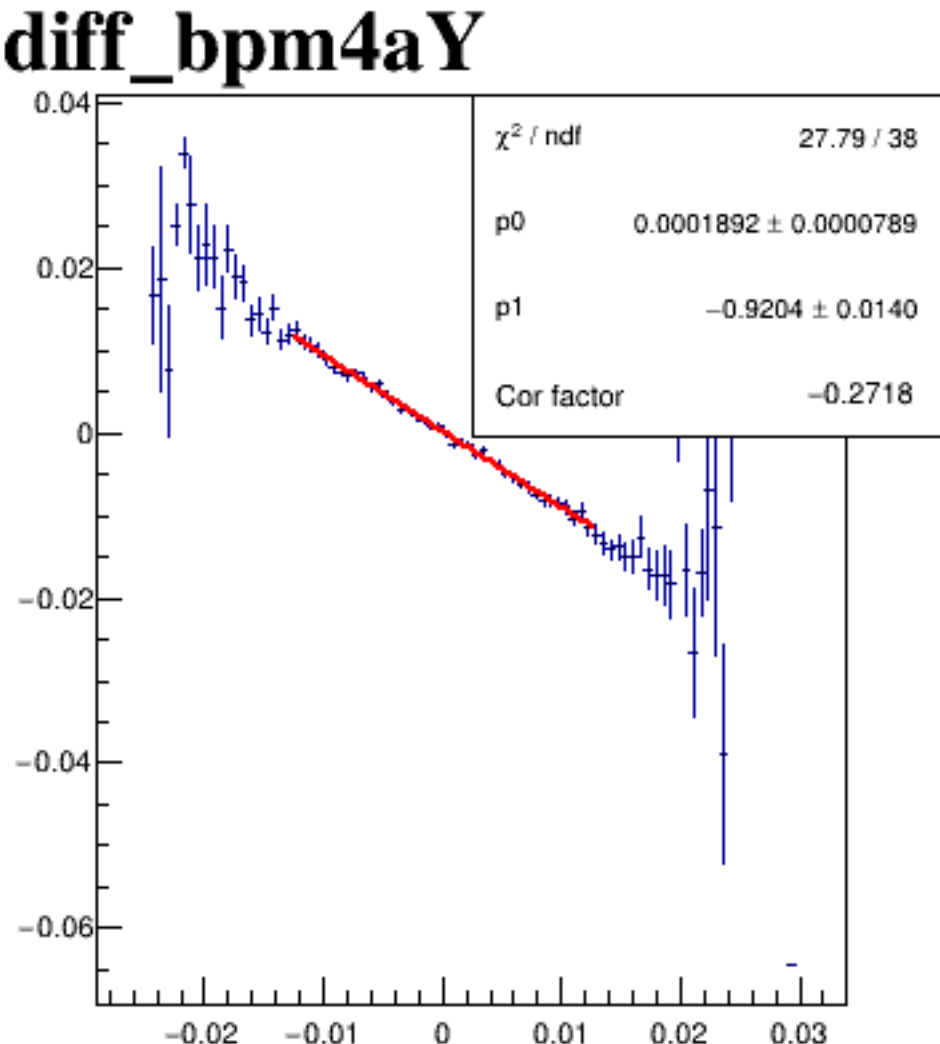
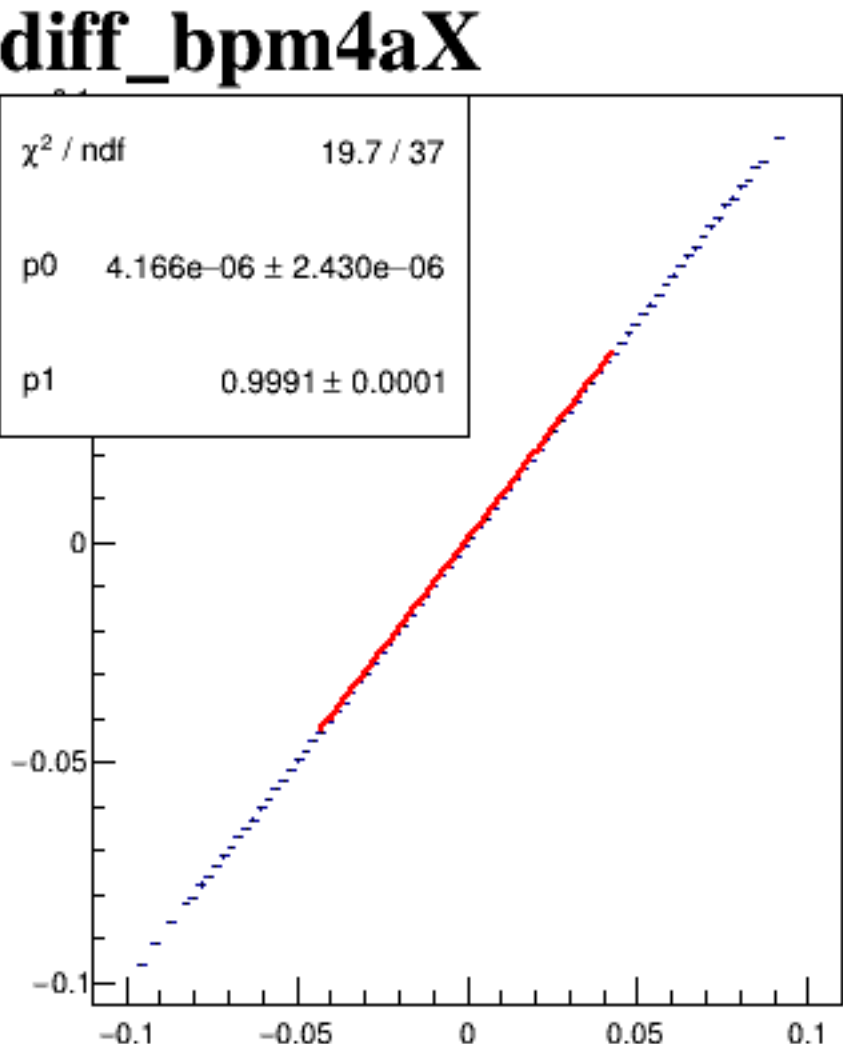


diff_bpm0l01Y/um {ErrorFlag==0}

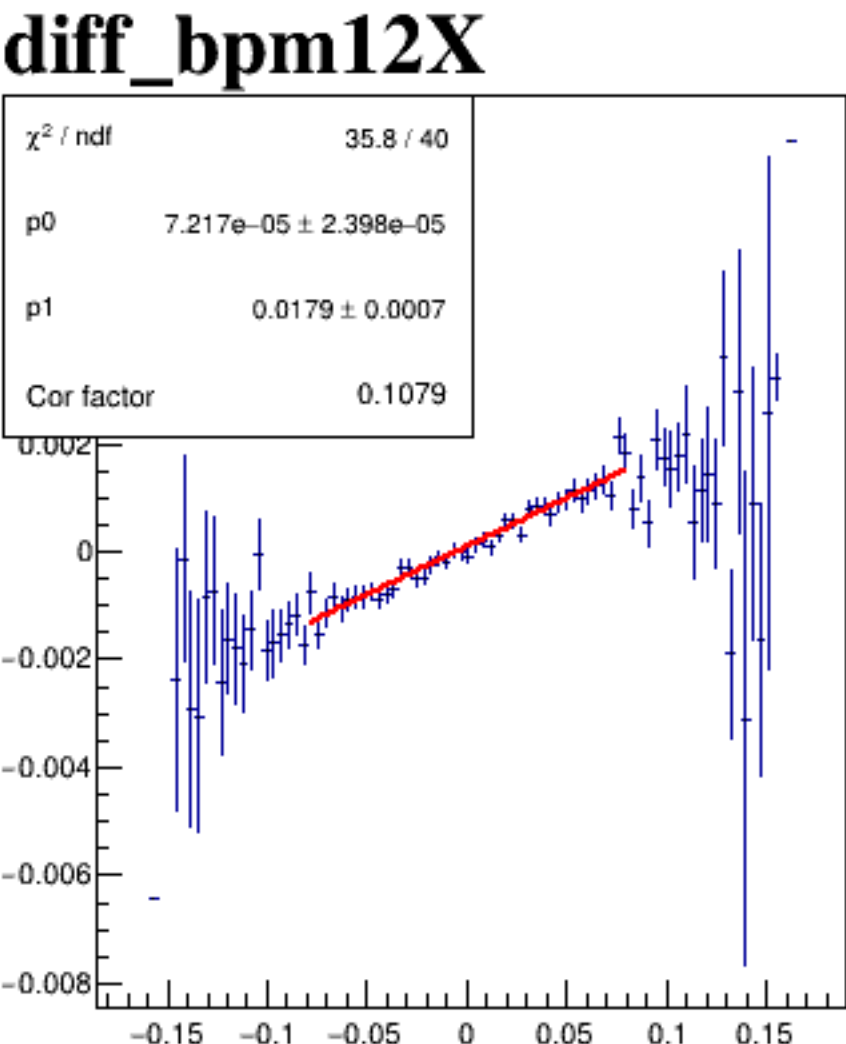
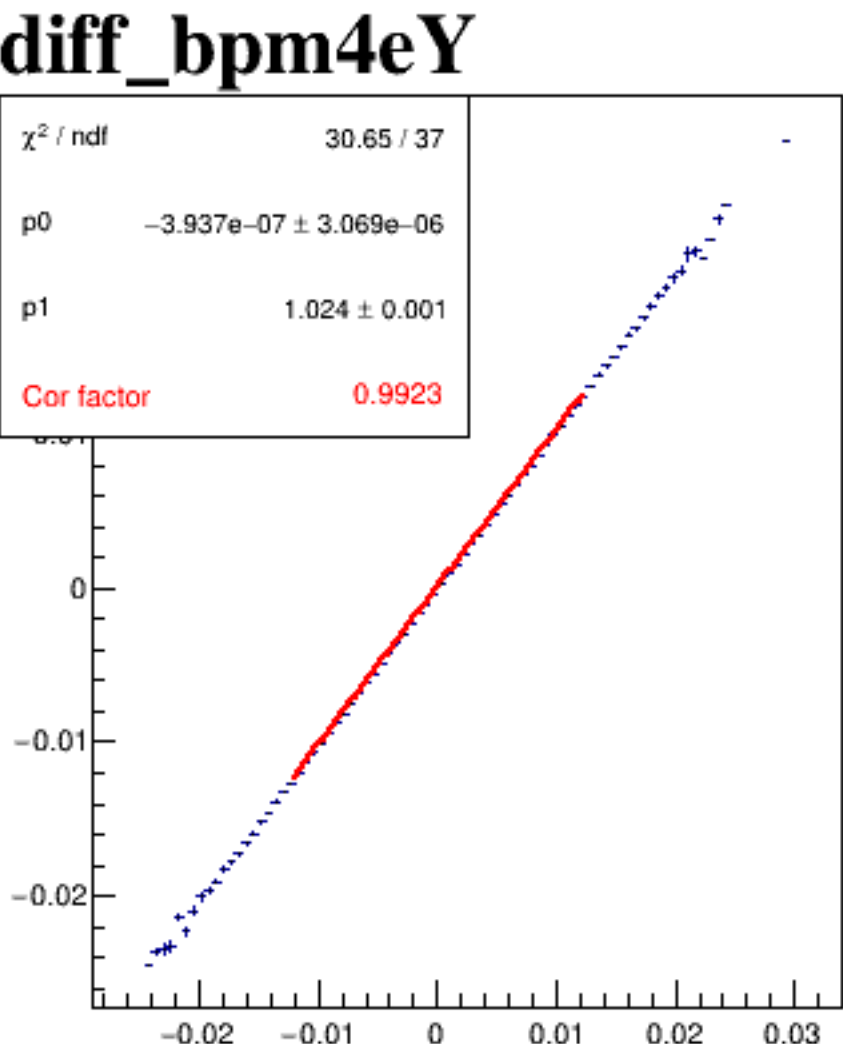
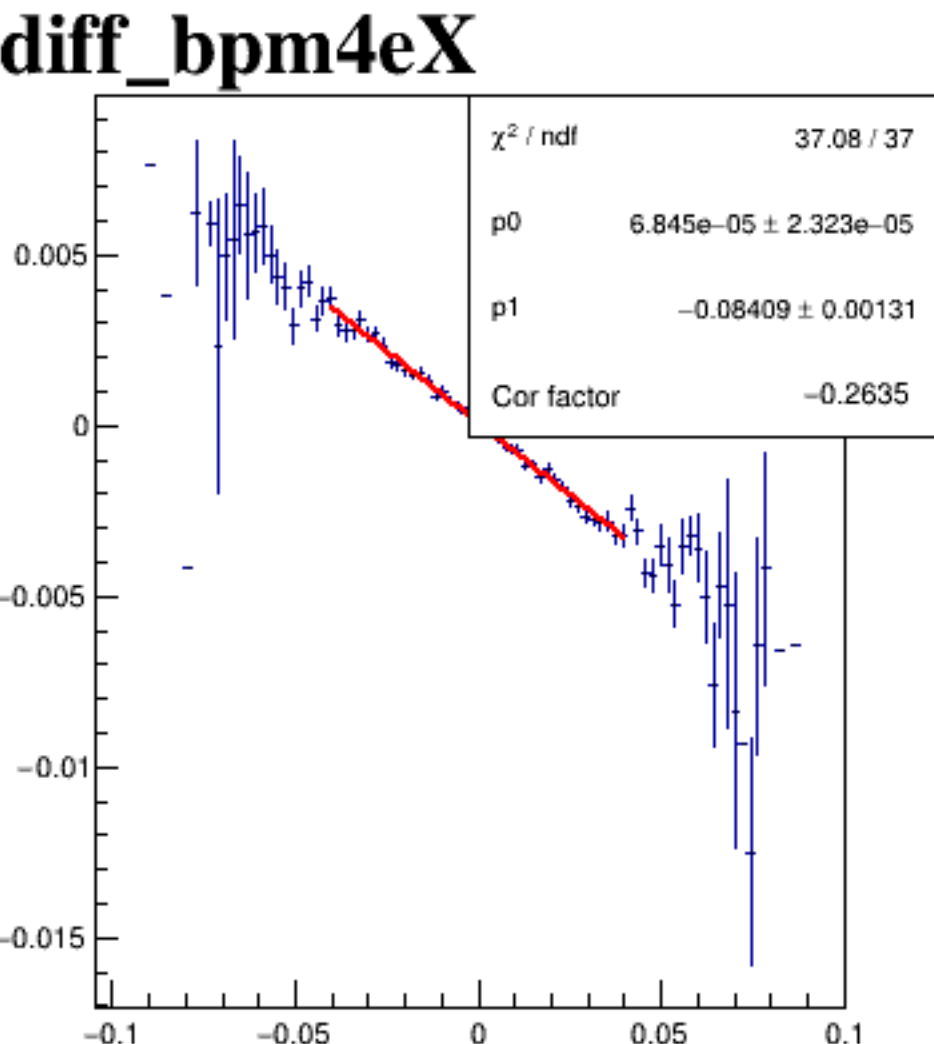
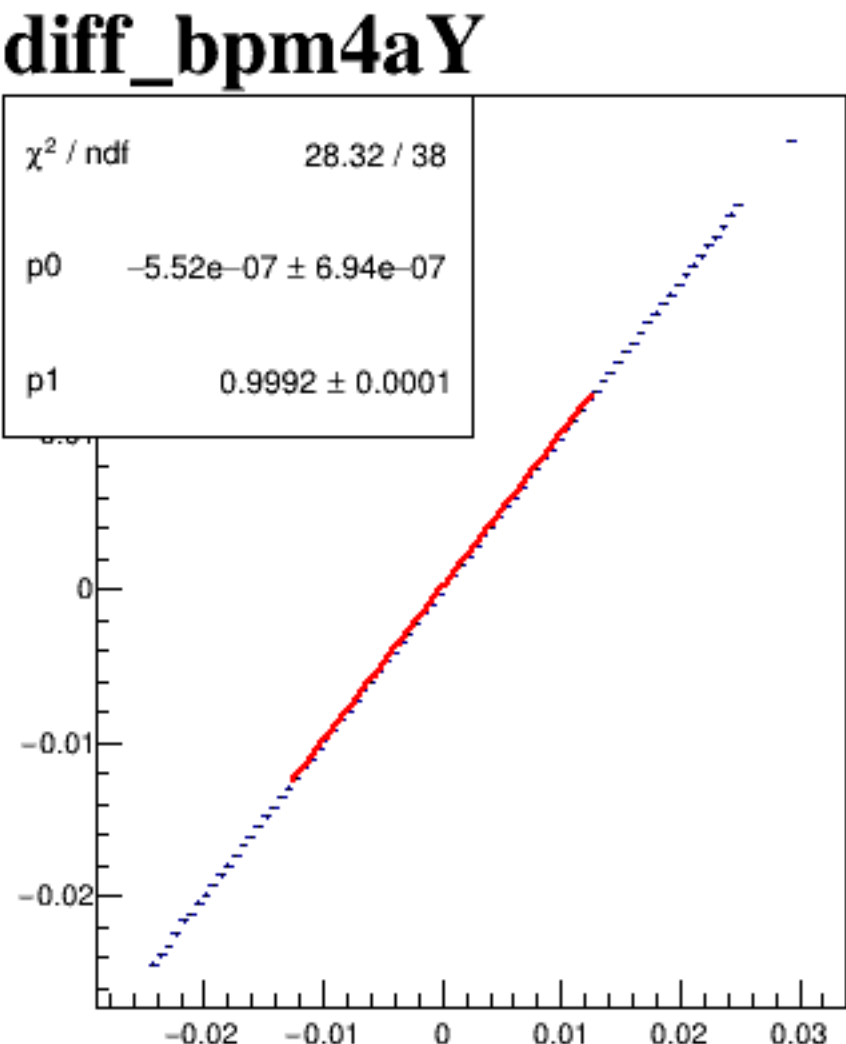
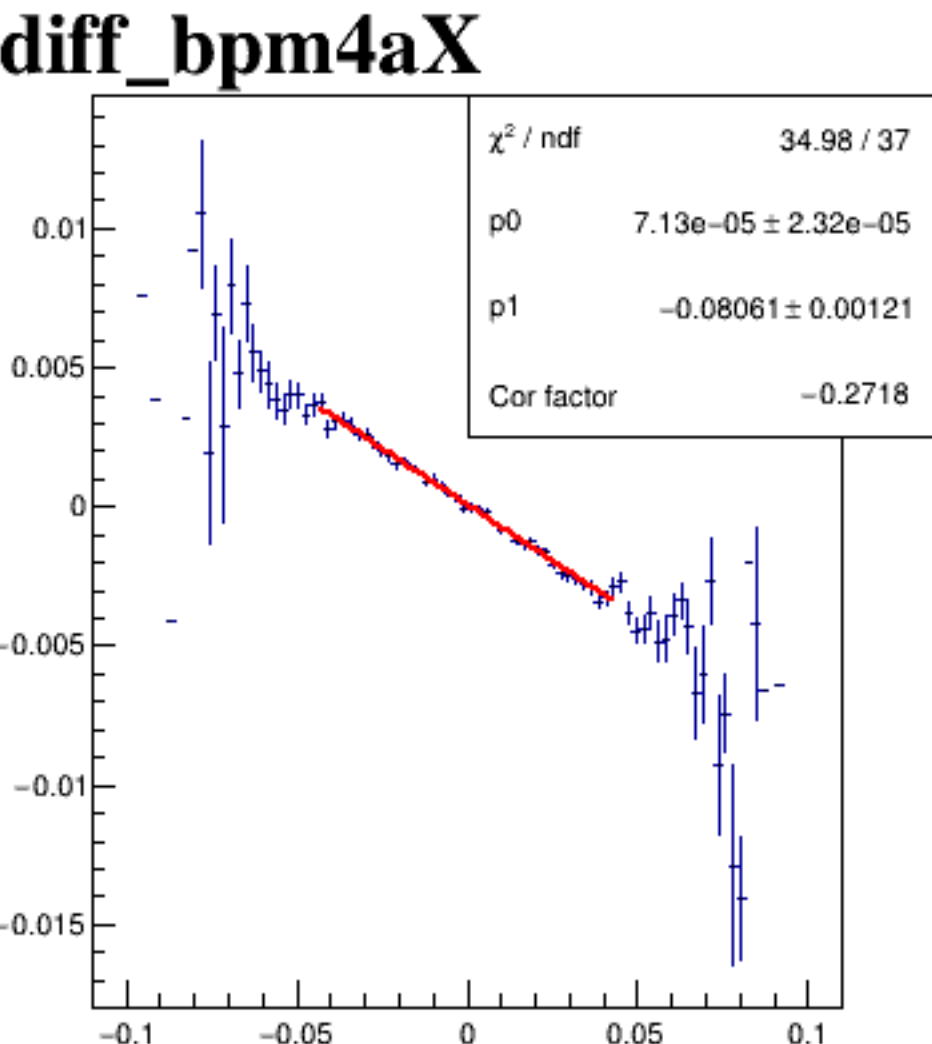
**PairTree**

Entries	143743
Mean	0.05896
Std Dev	15.37

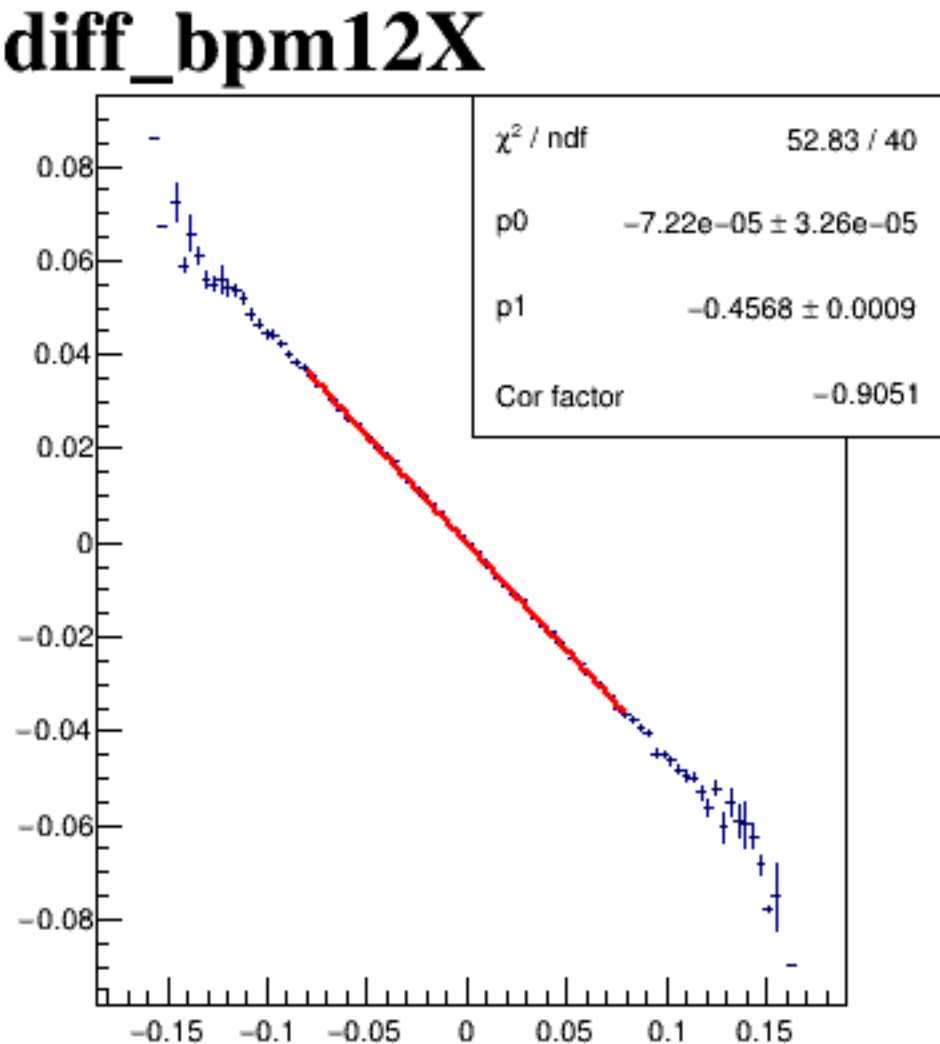
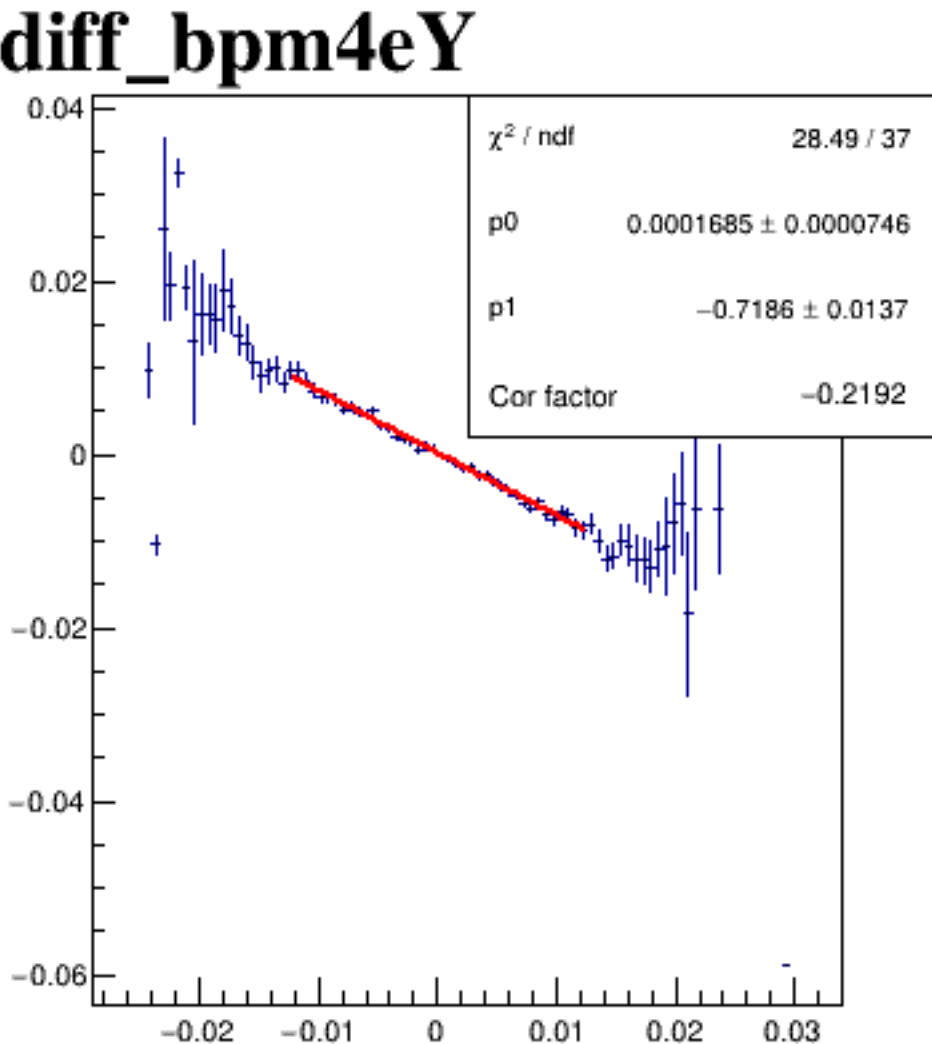
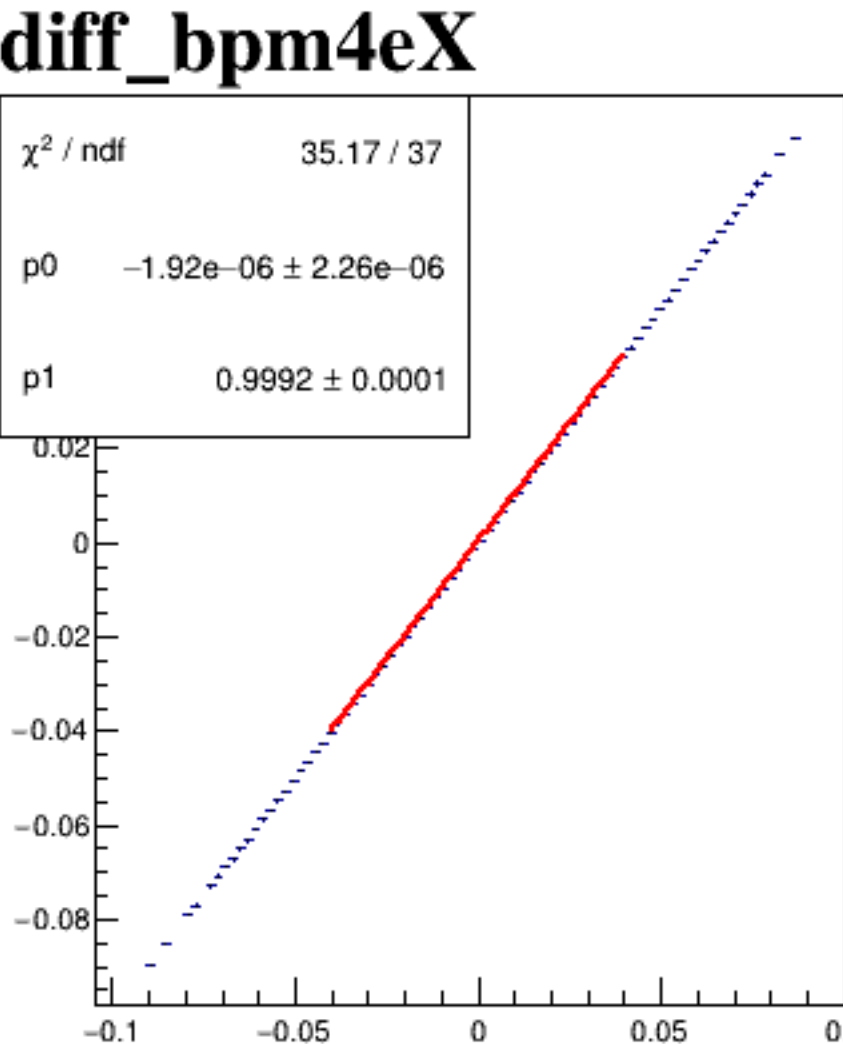
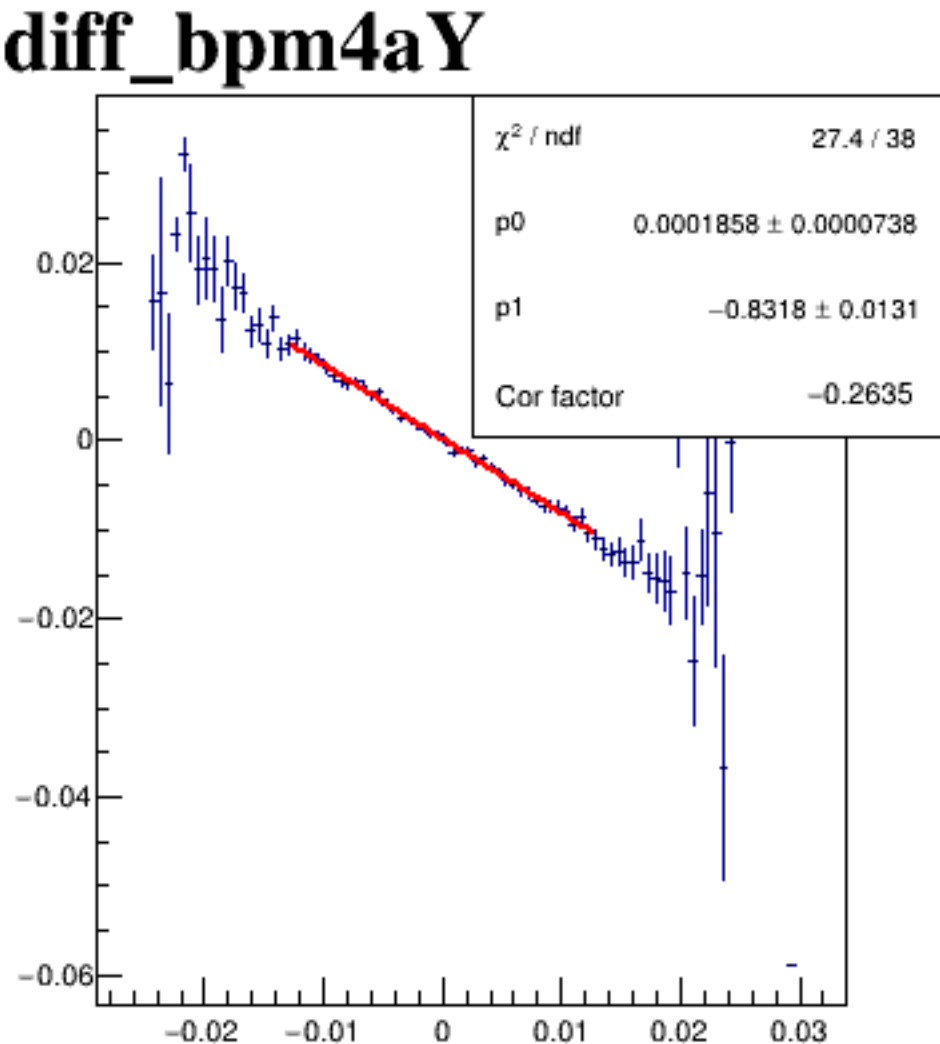
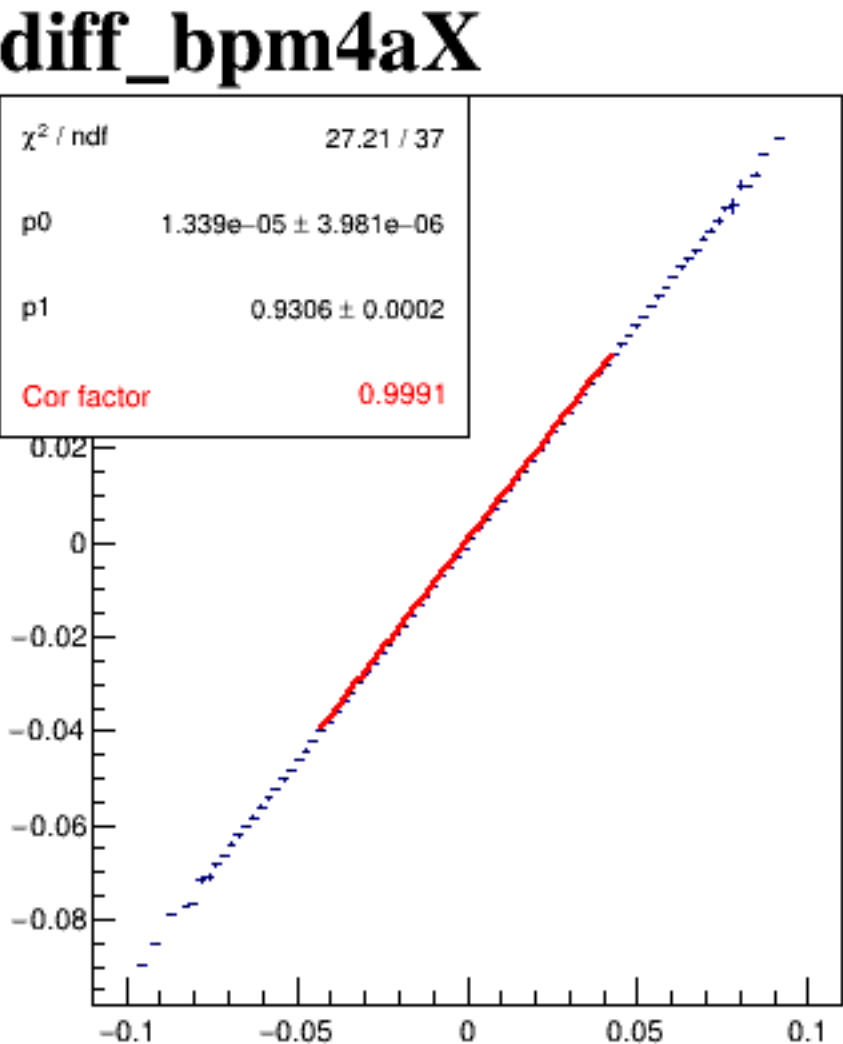
diff_bpm4aX



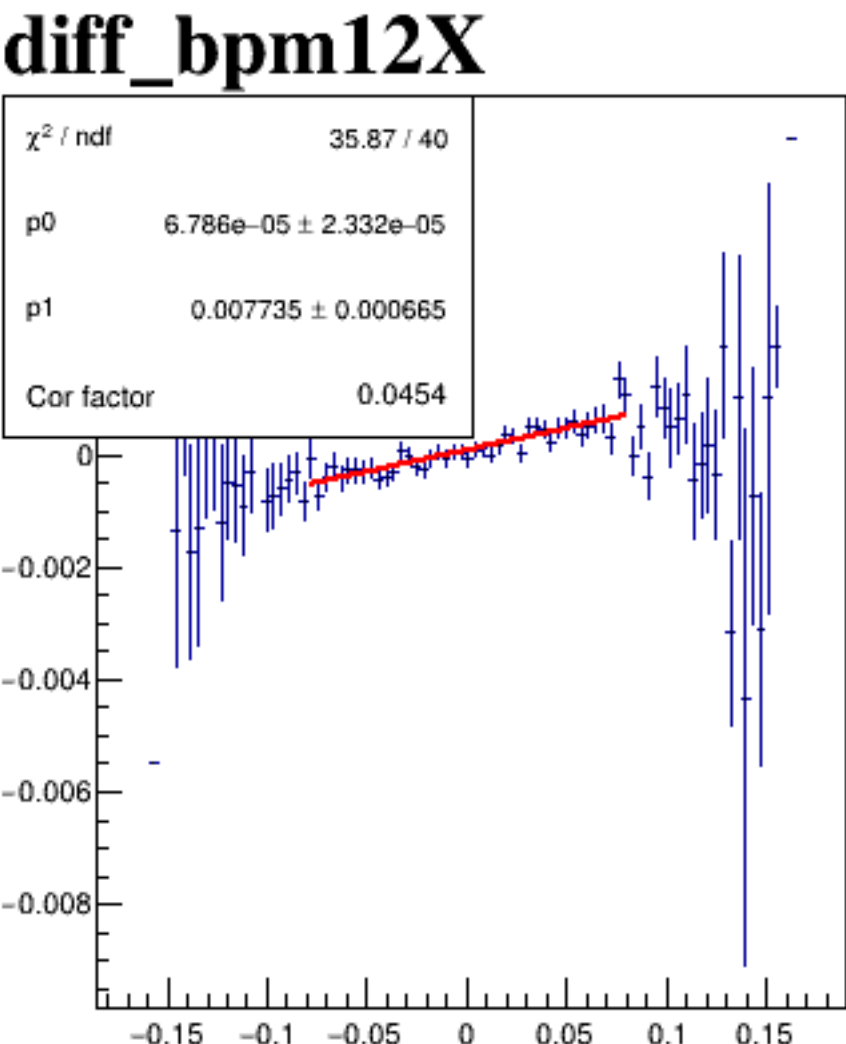
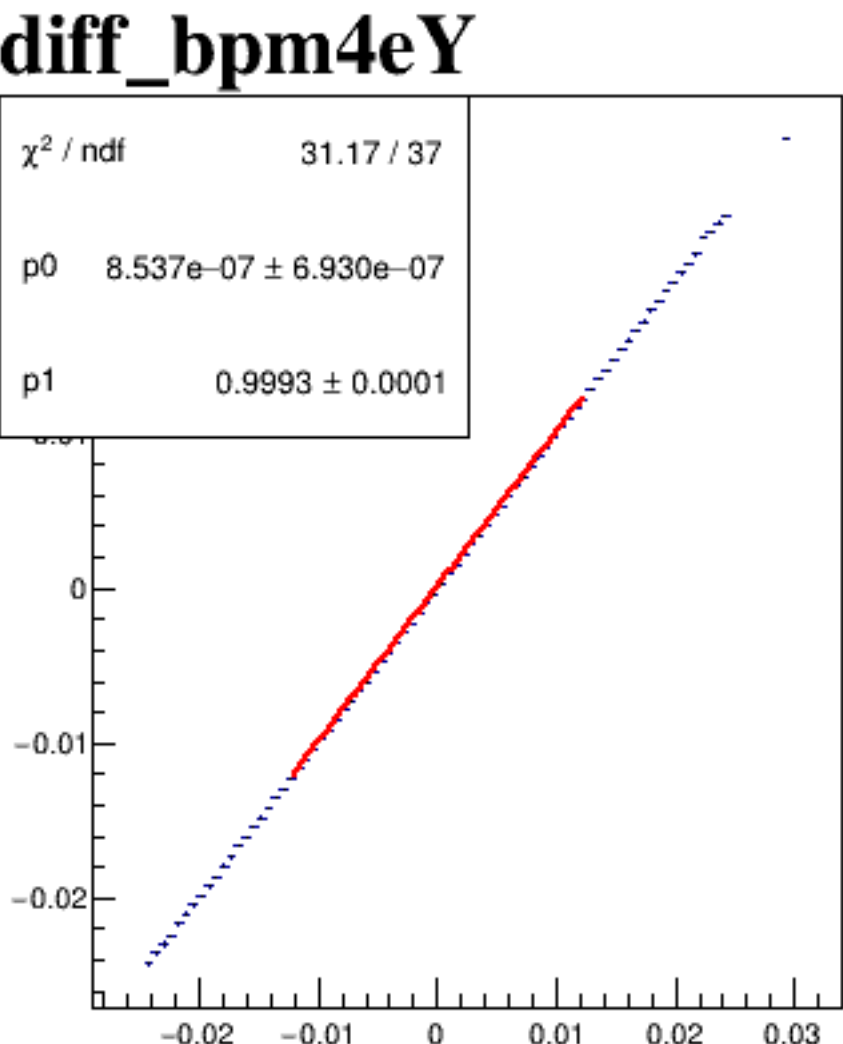
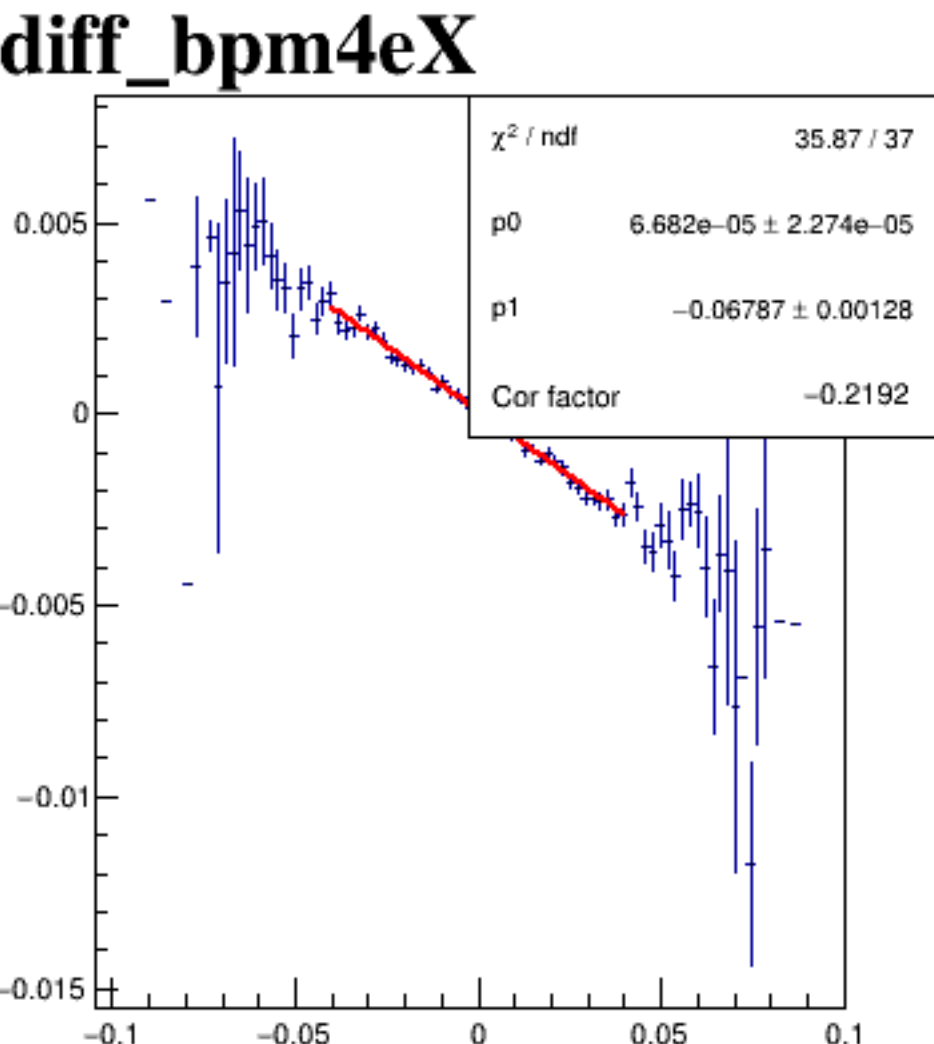
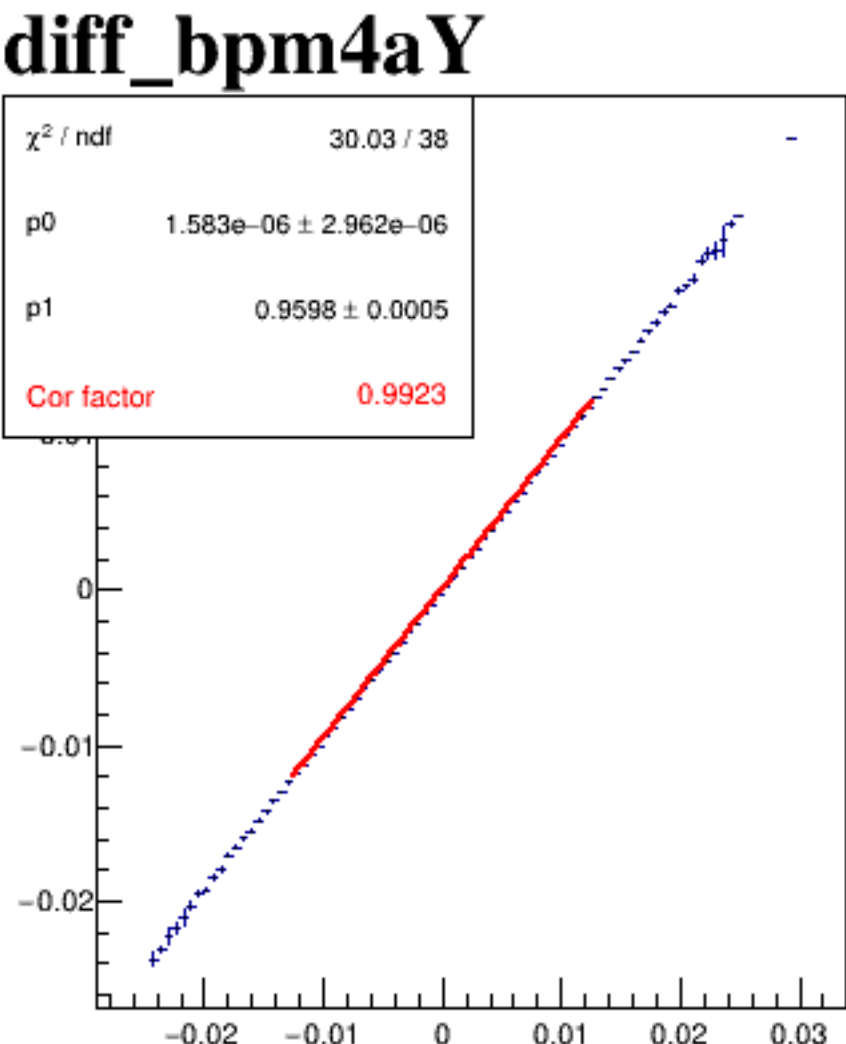
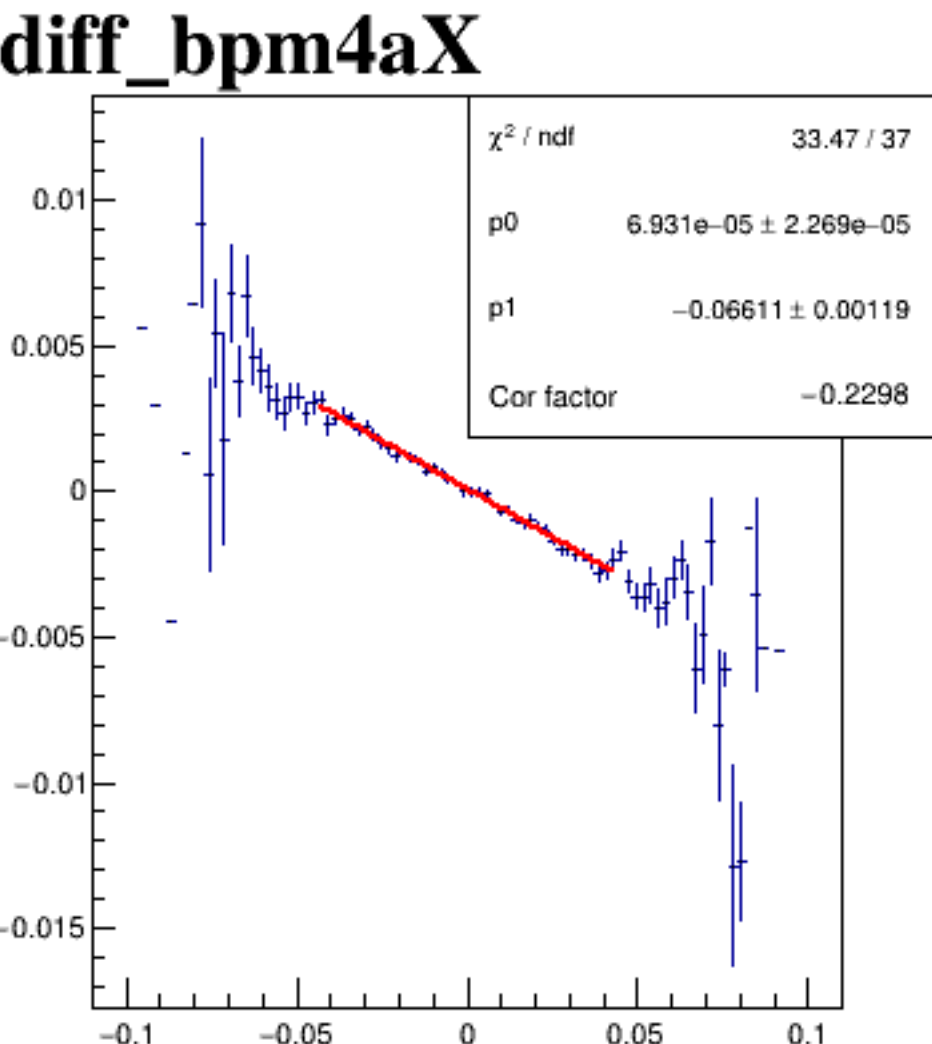
diff_bpm4aY



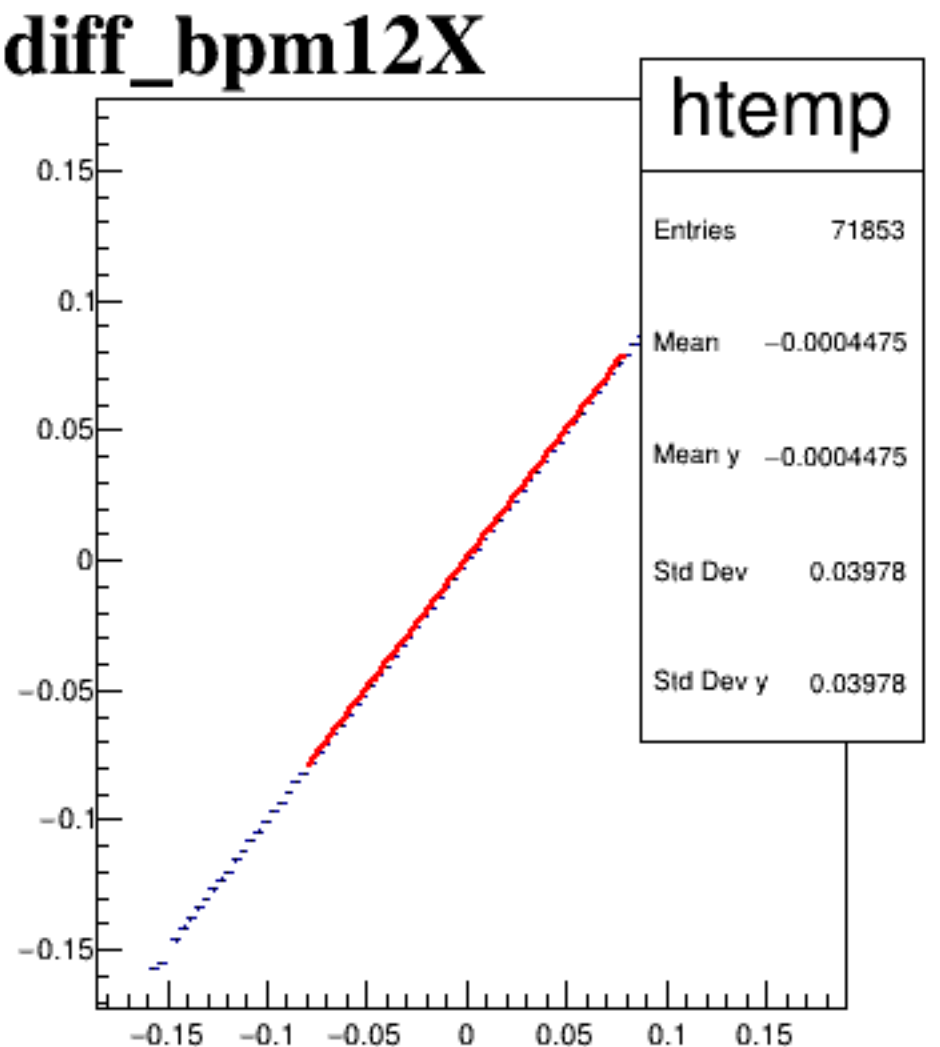
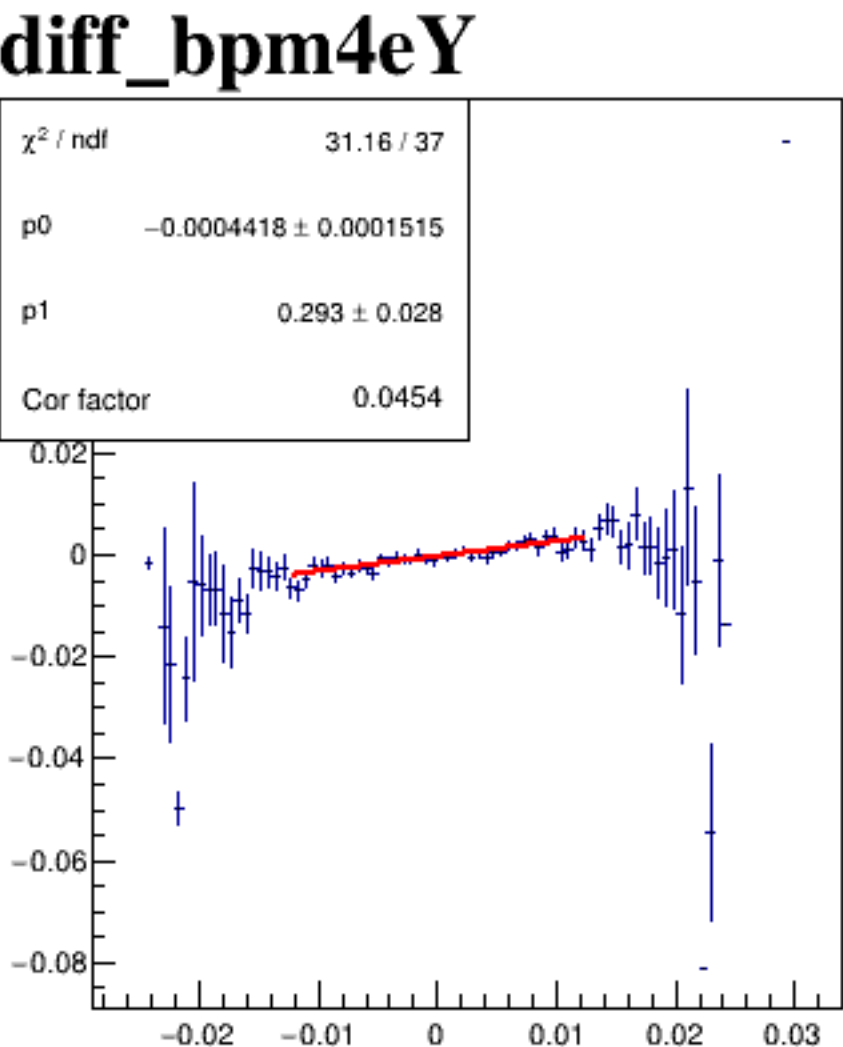
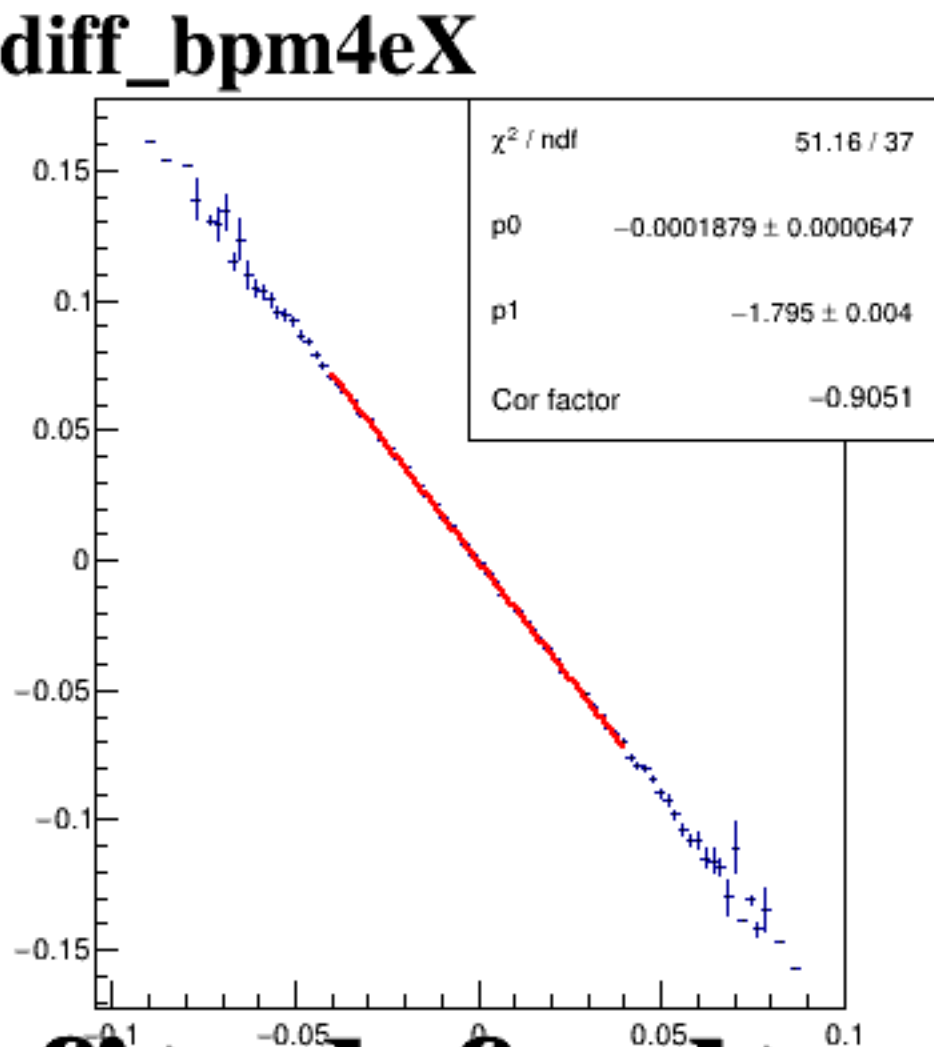
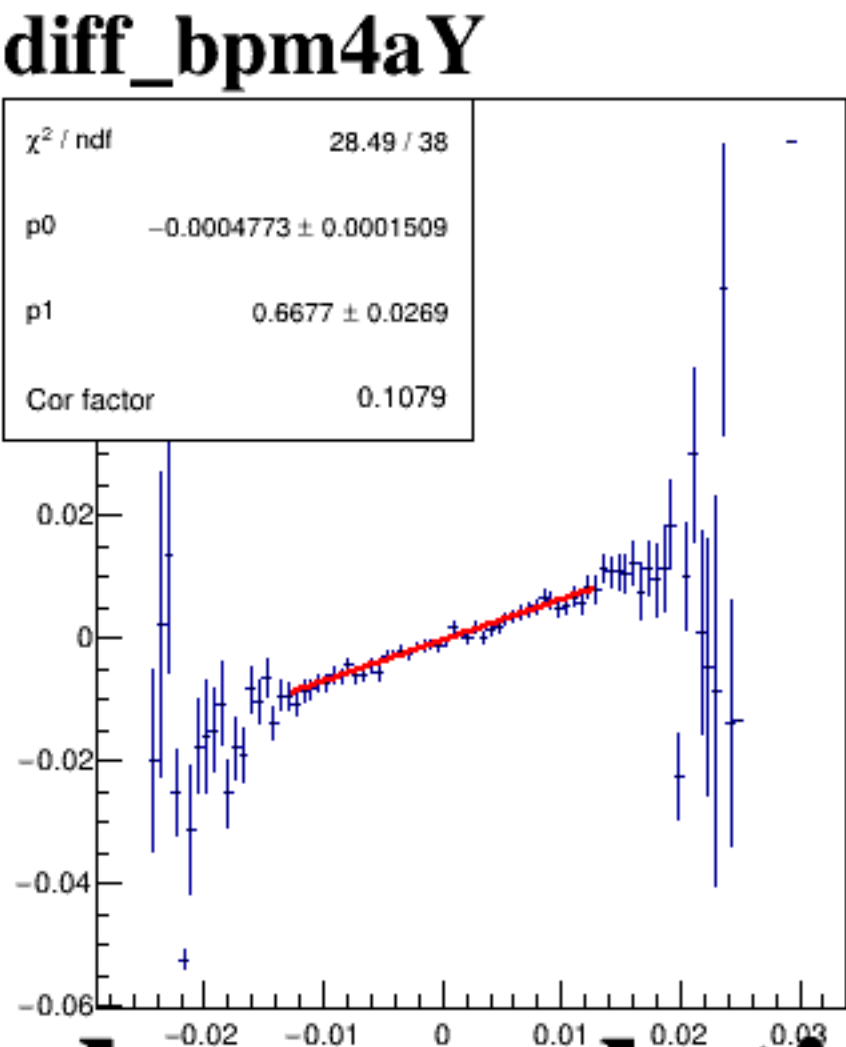
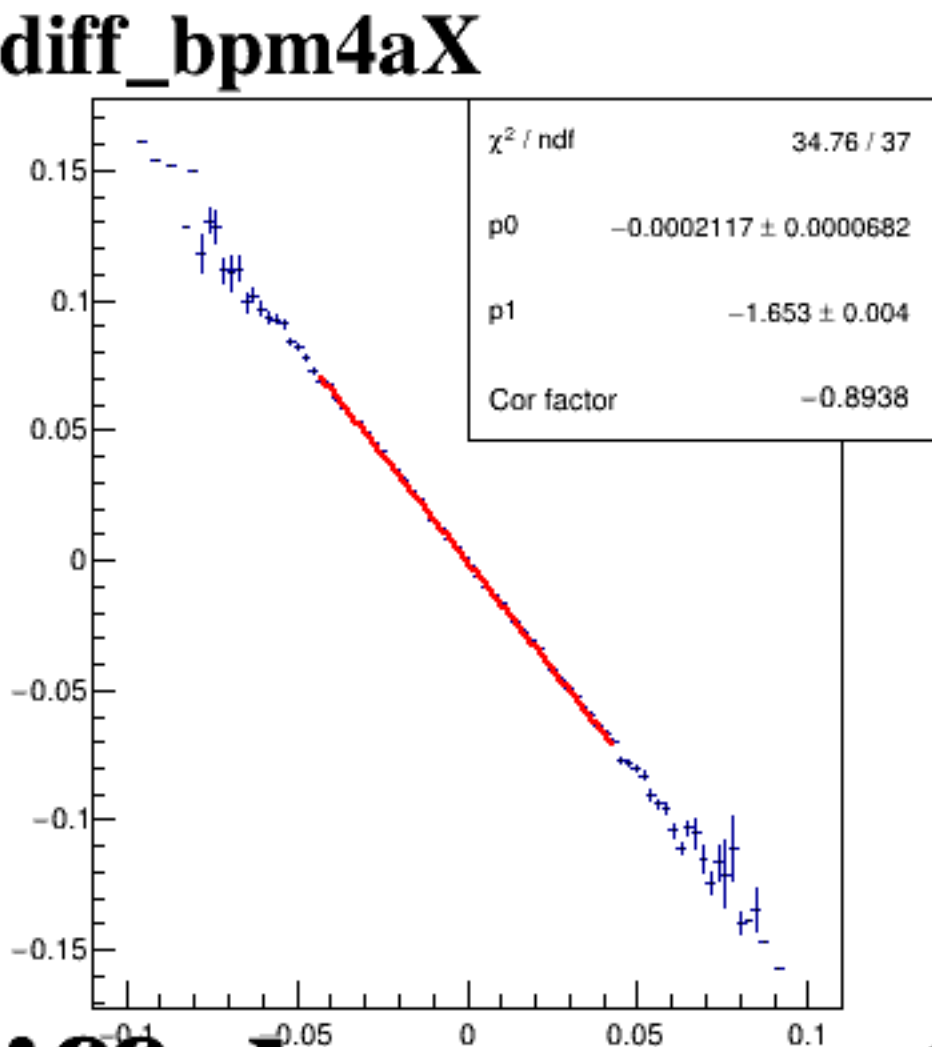
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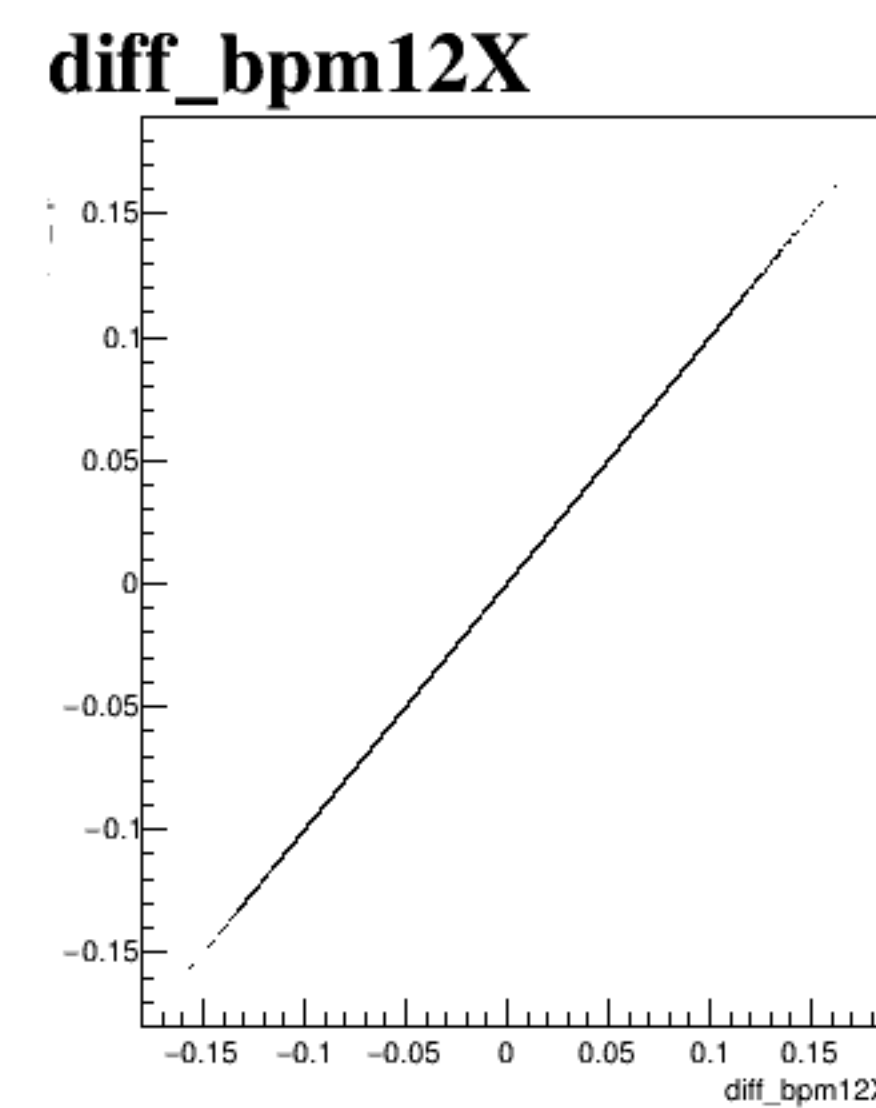
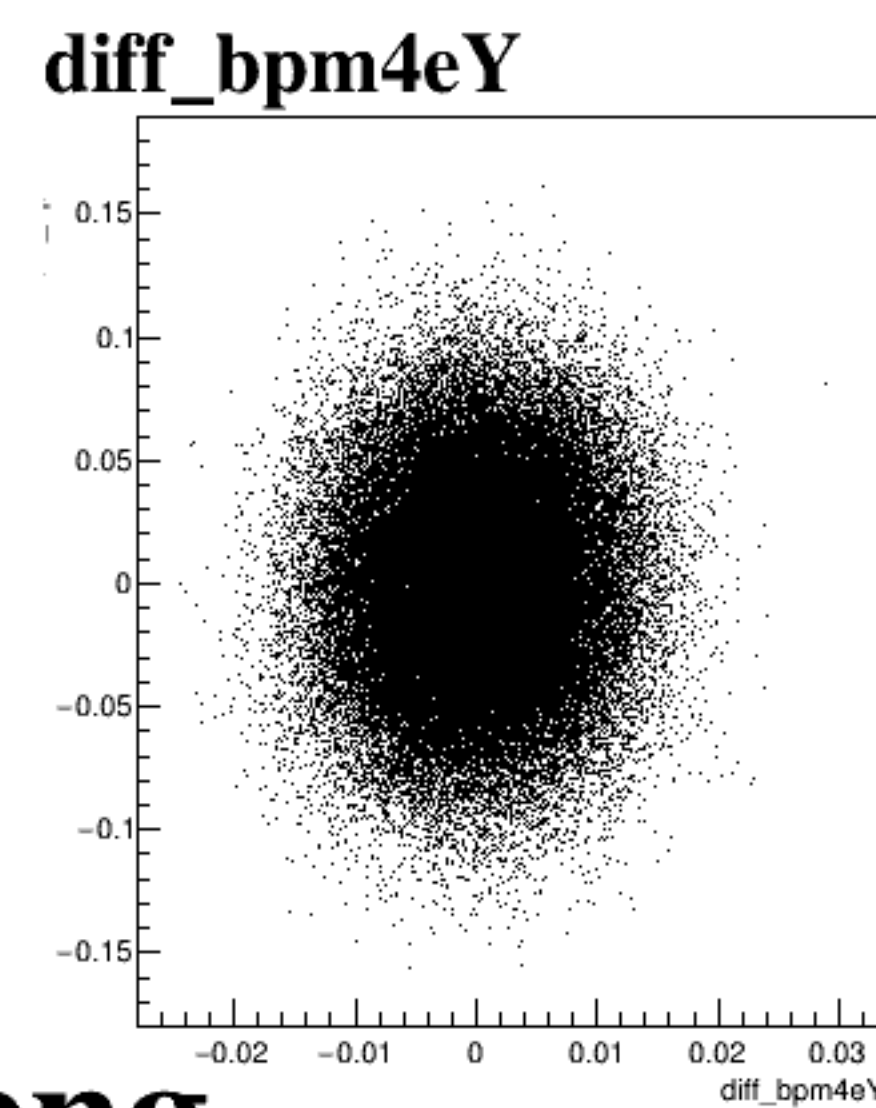
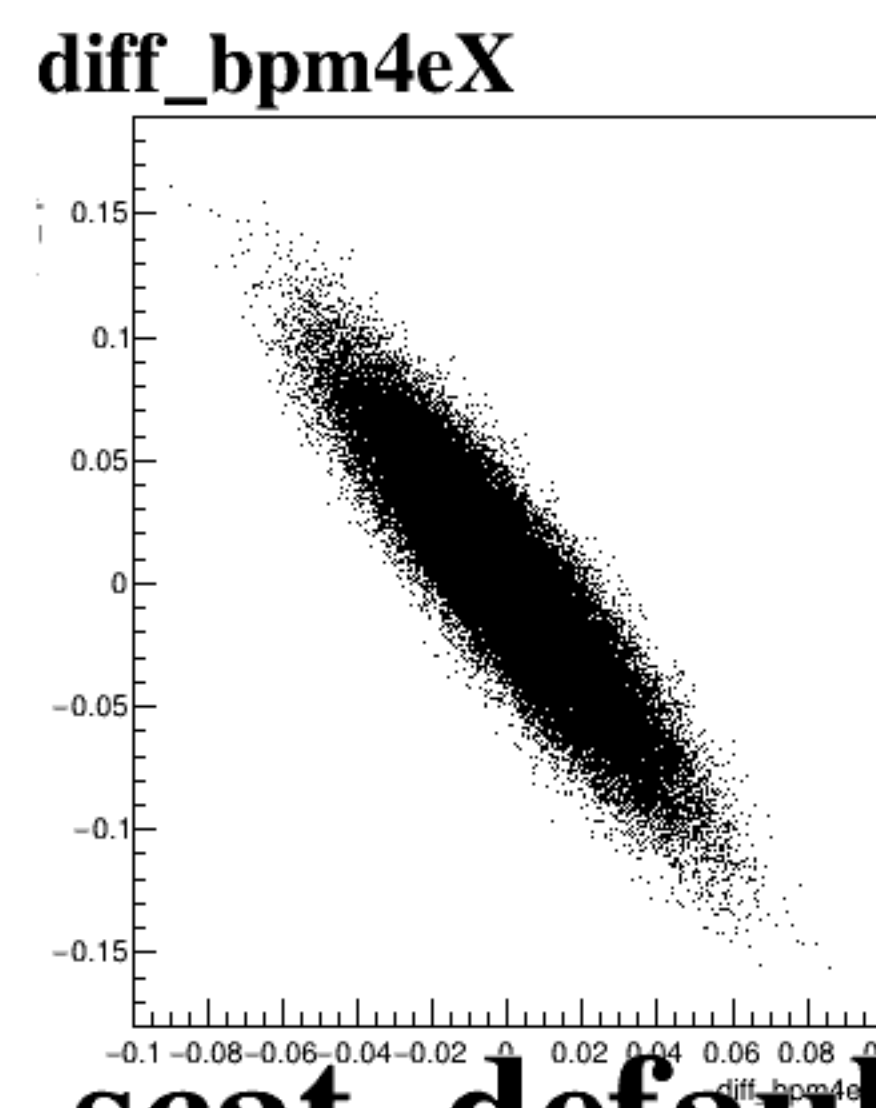
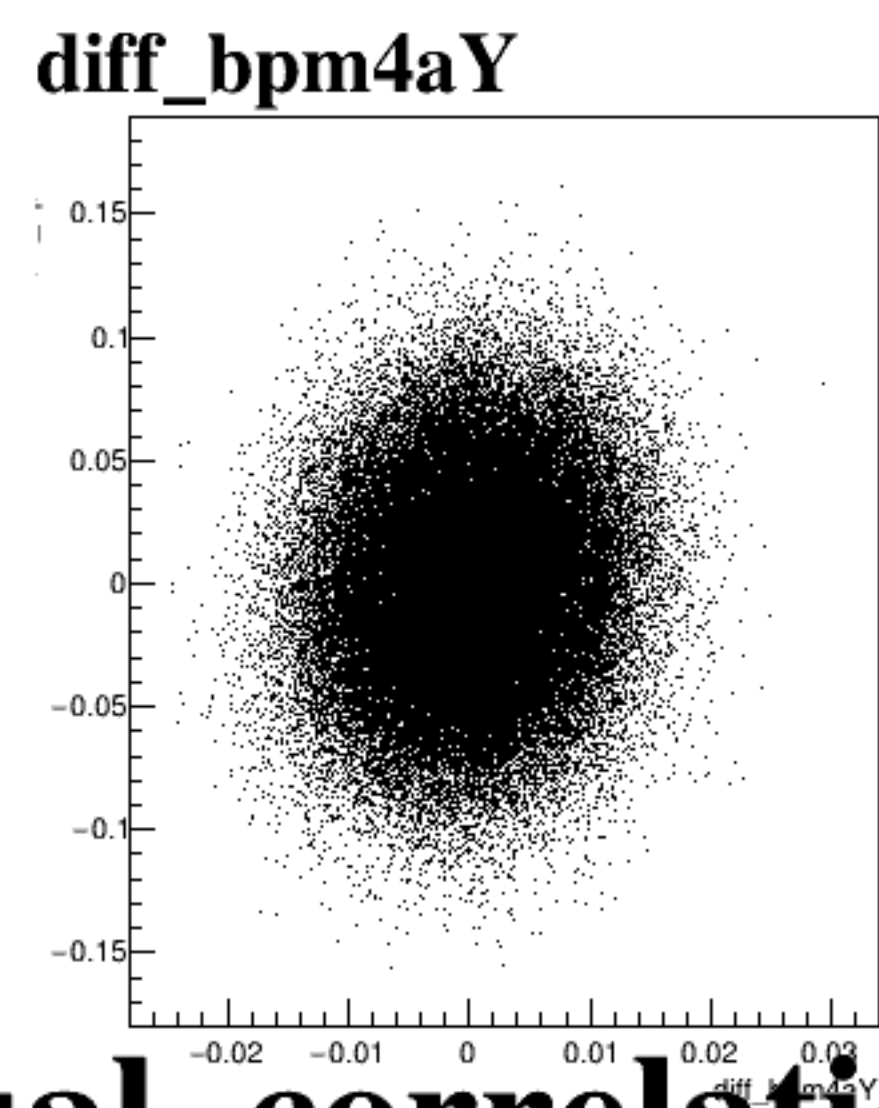
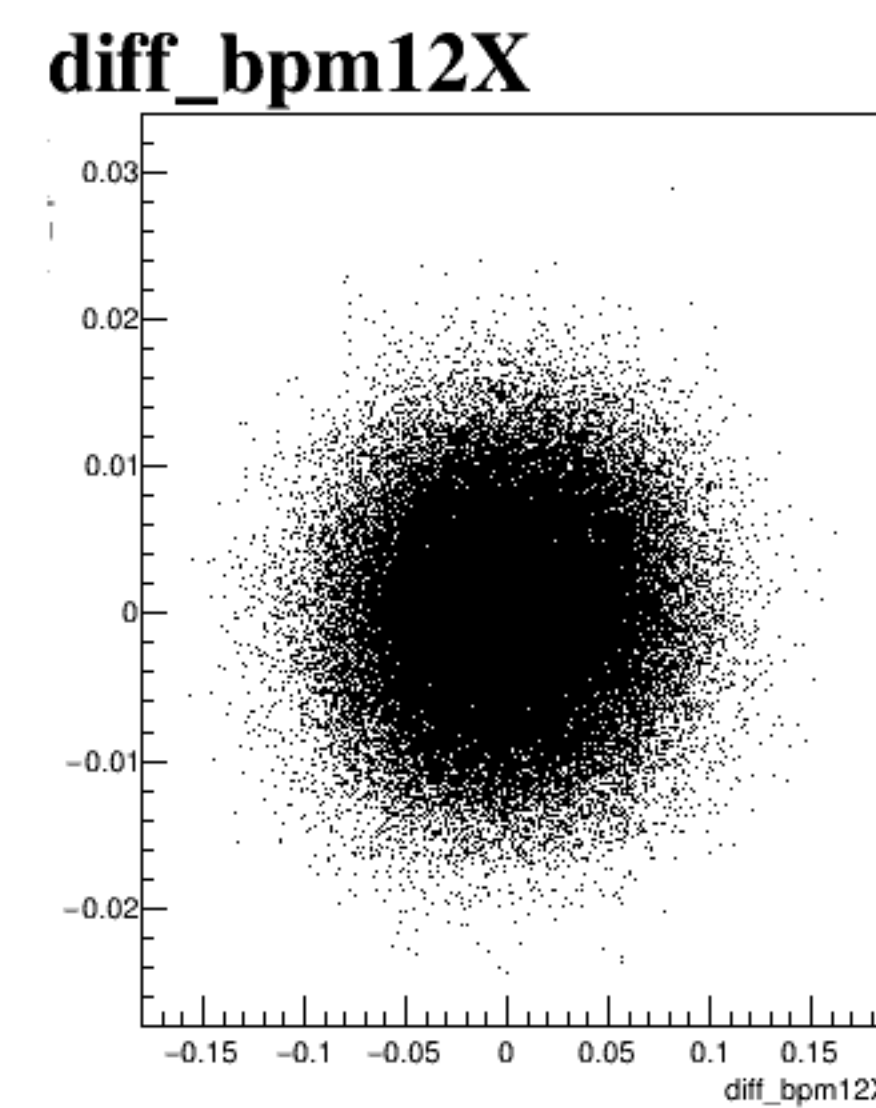
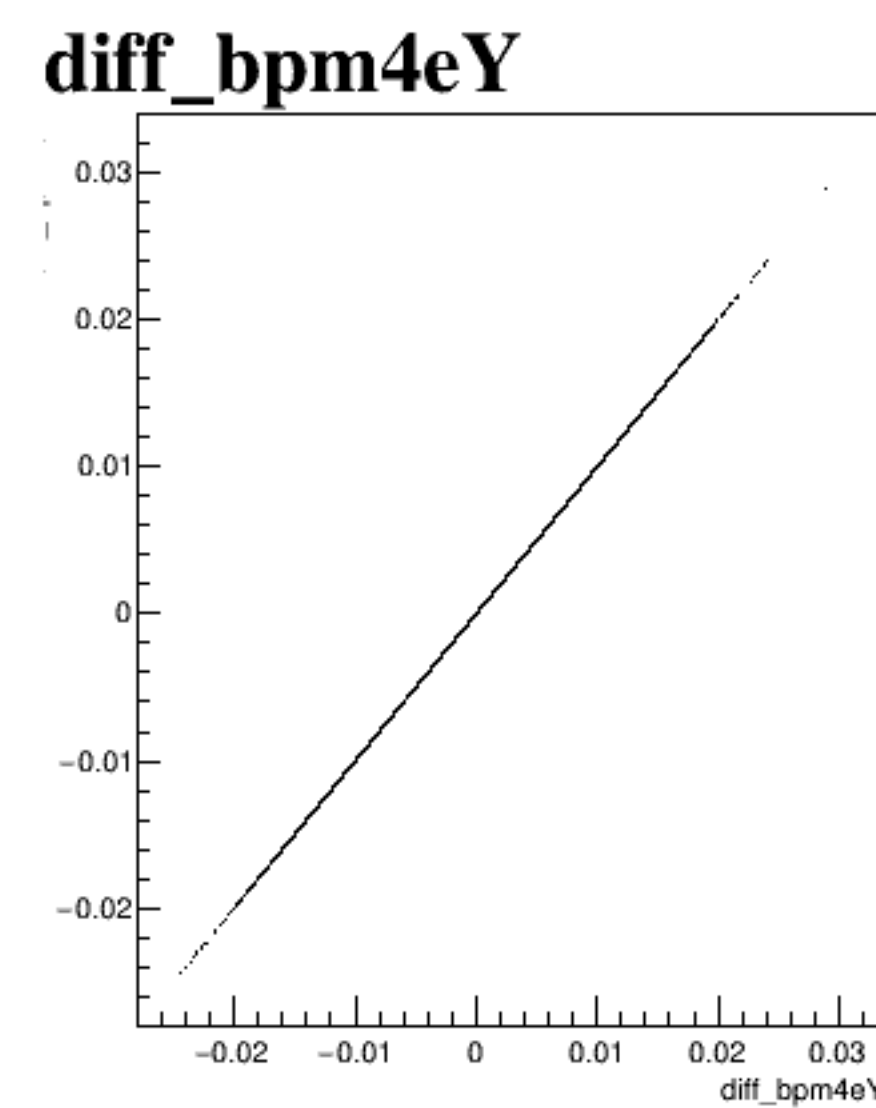
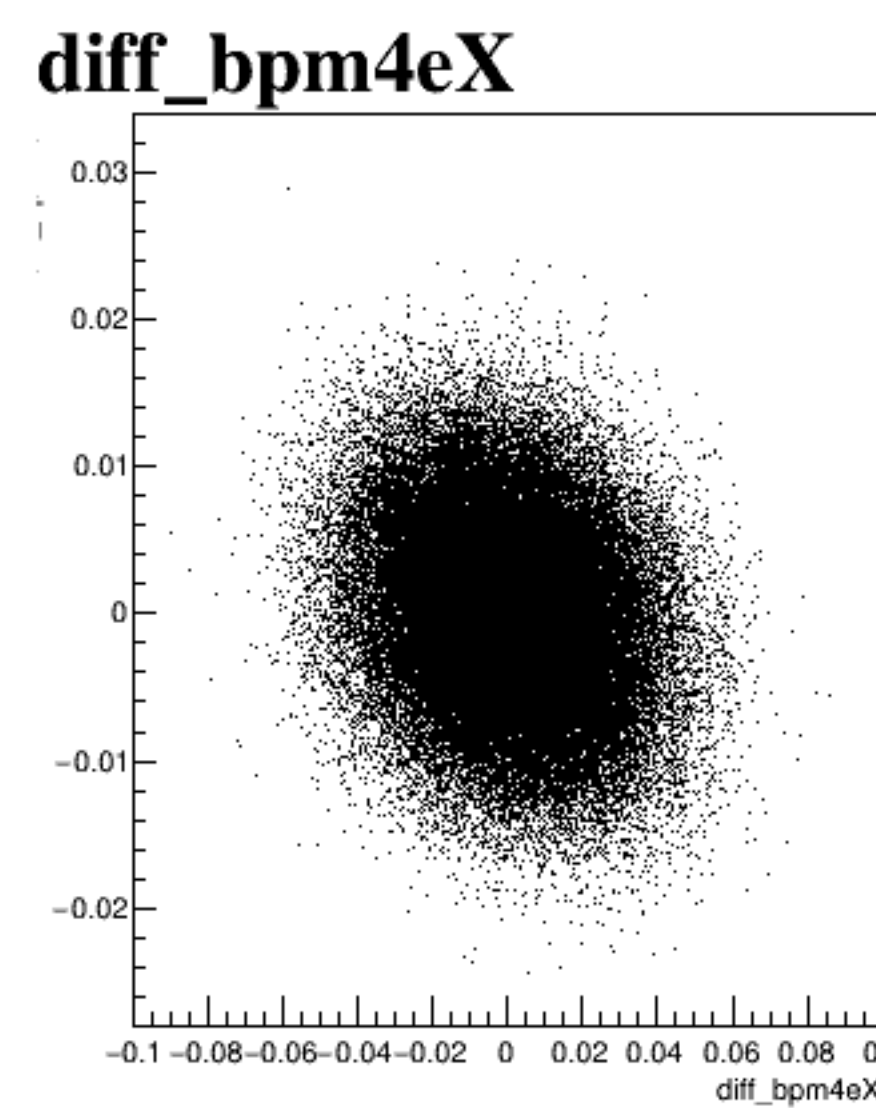
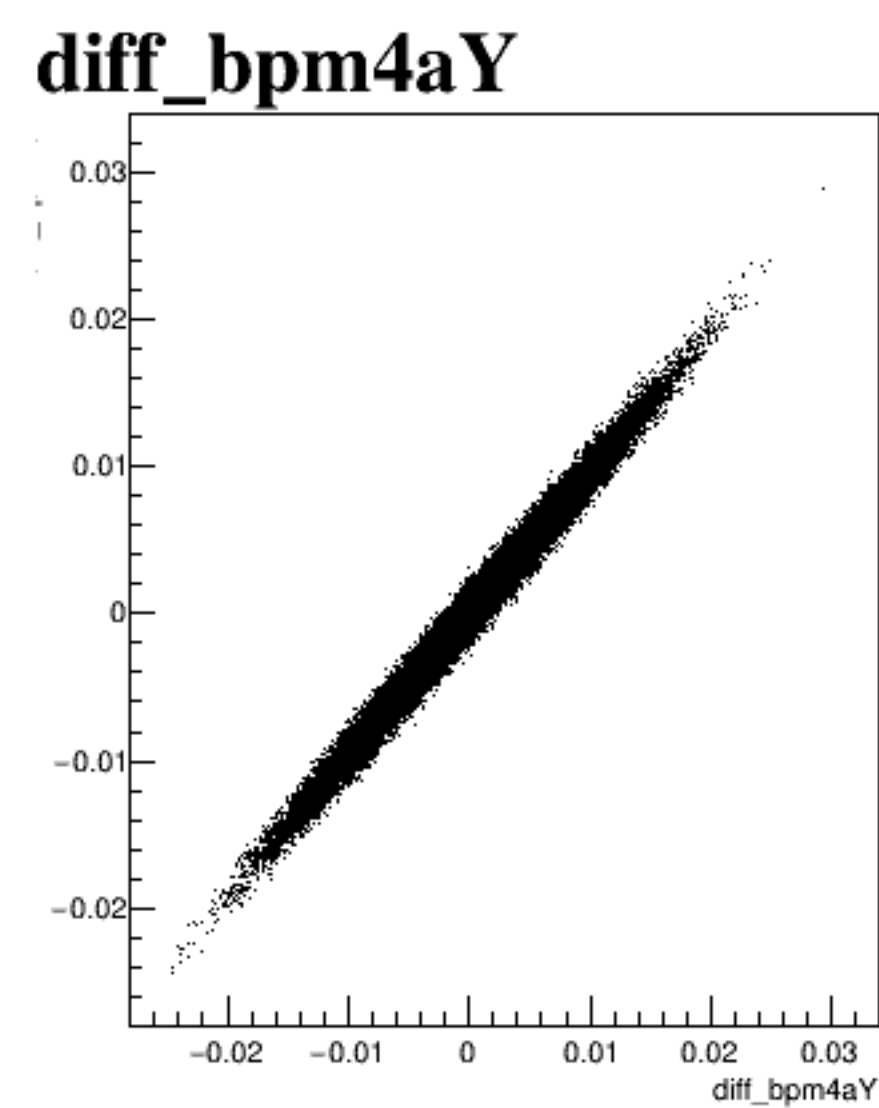
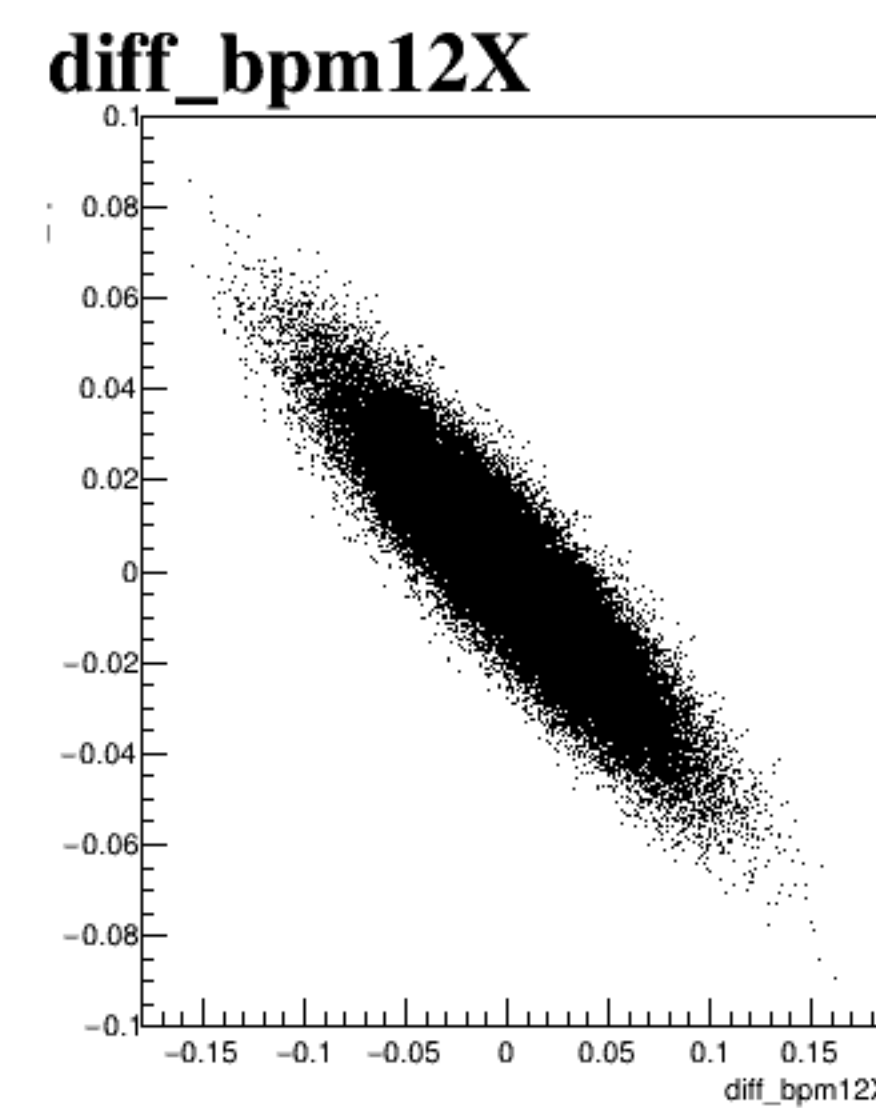
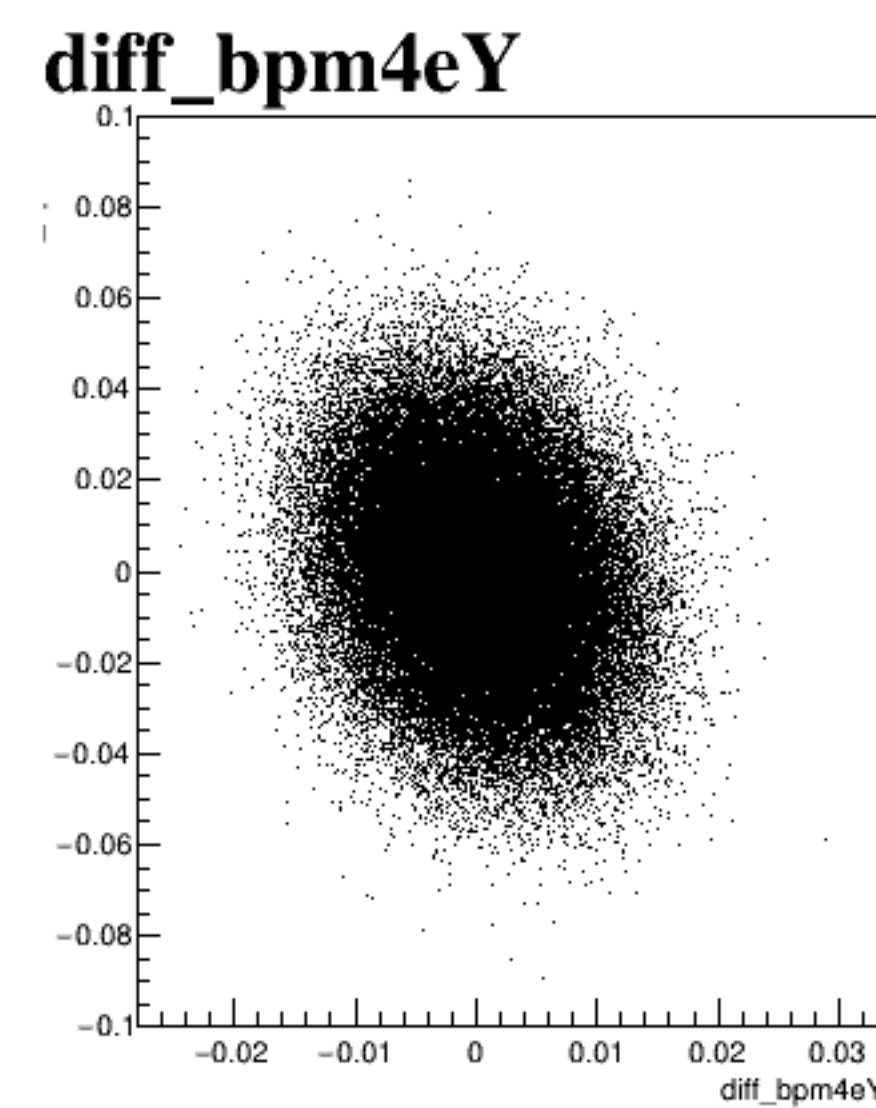
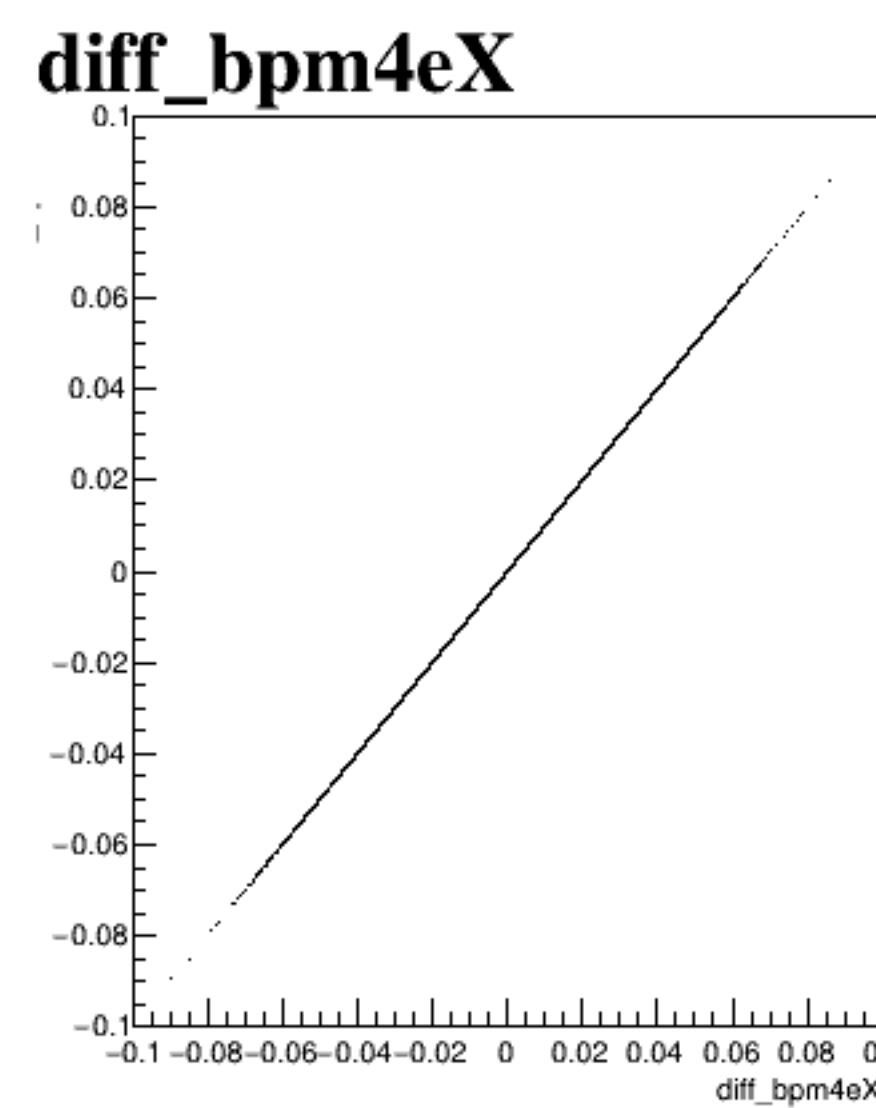
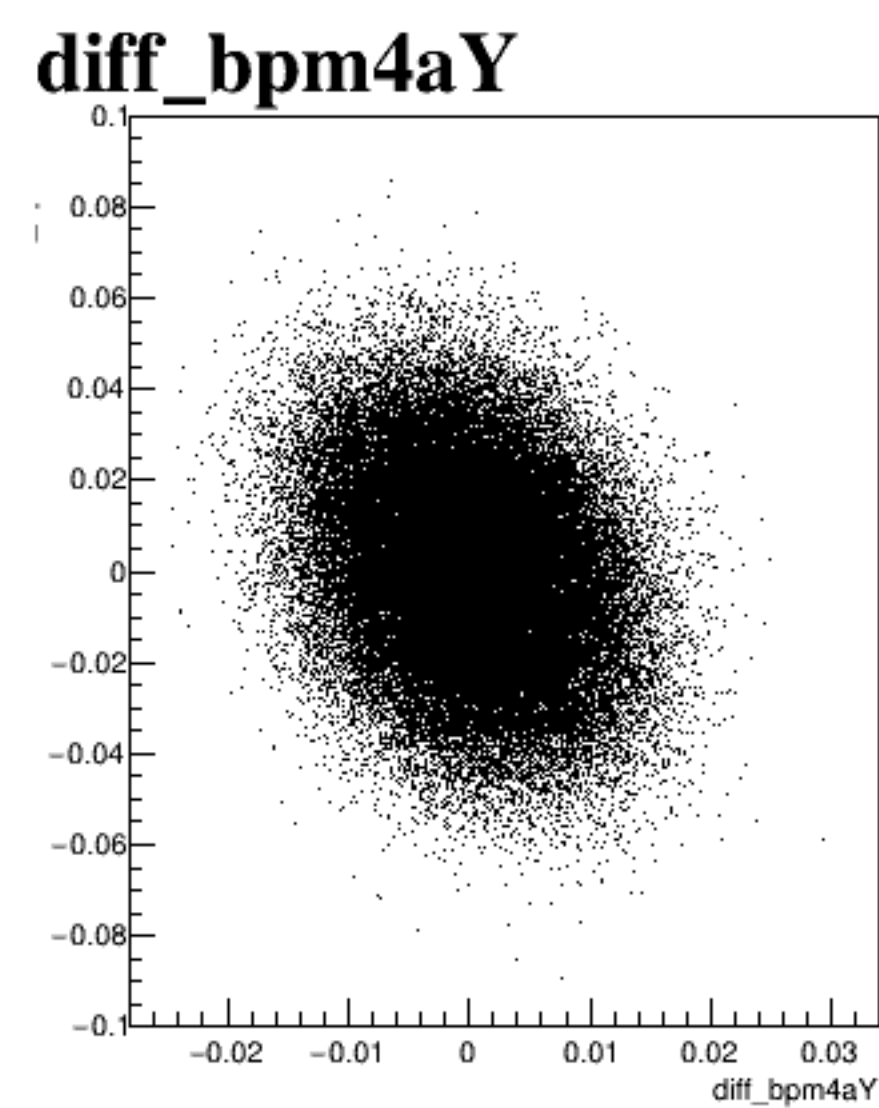
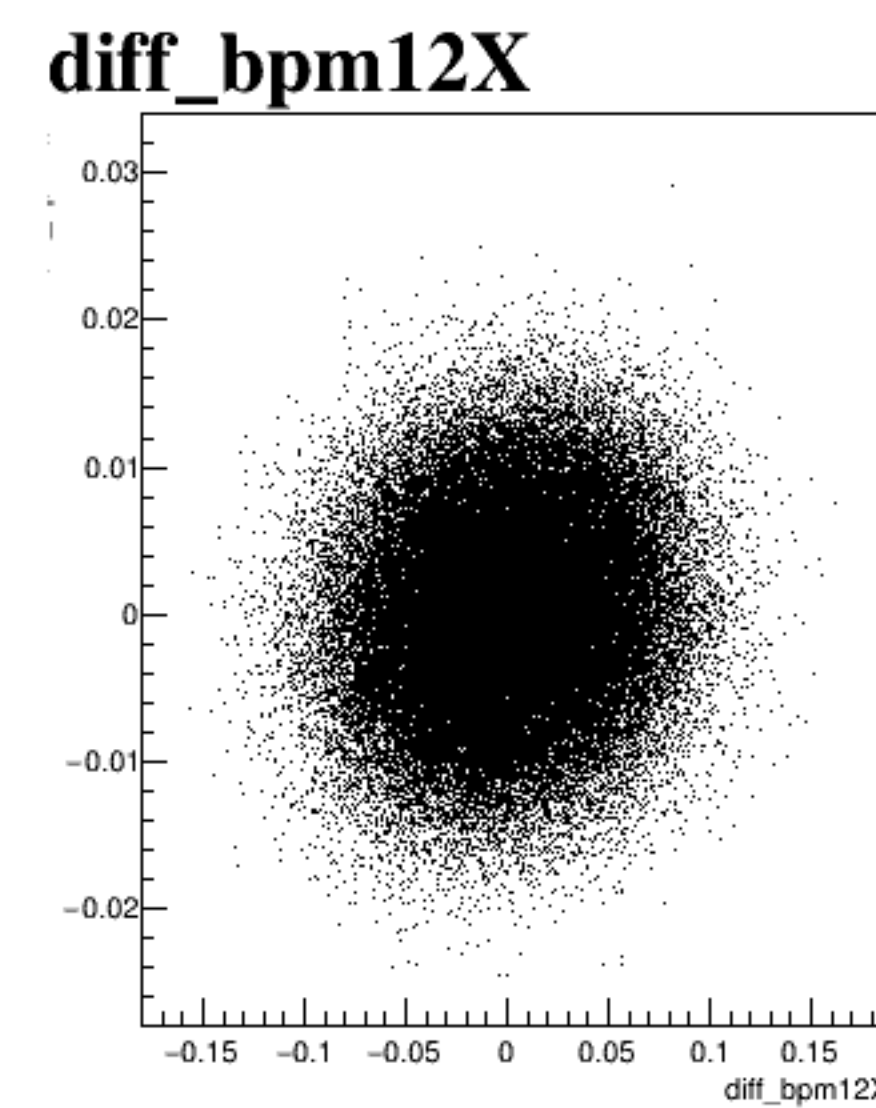
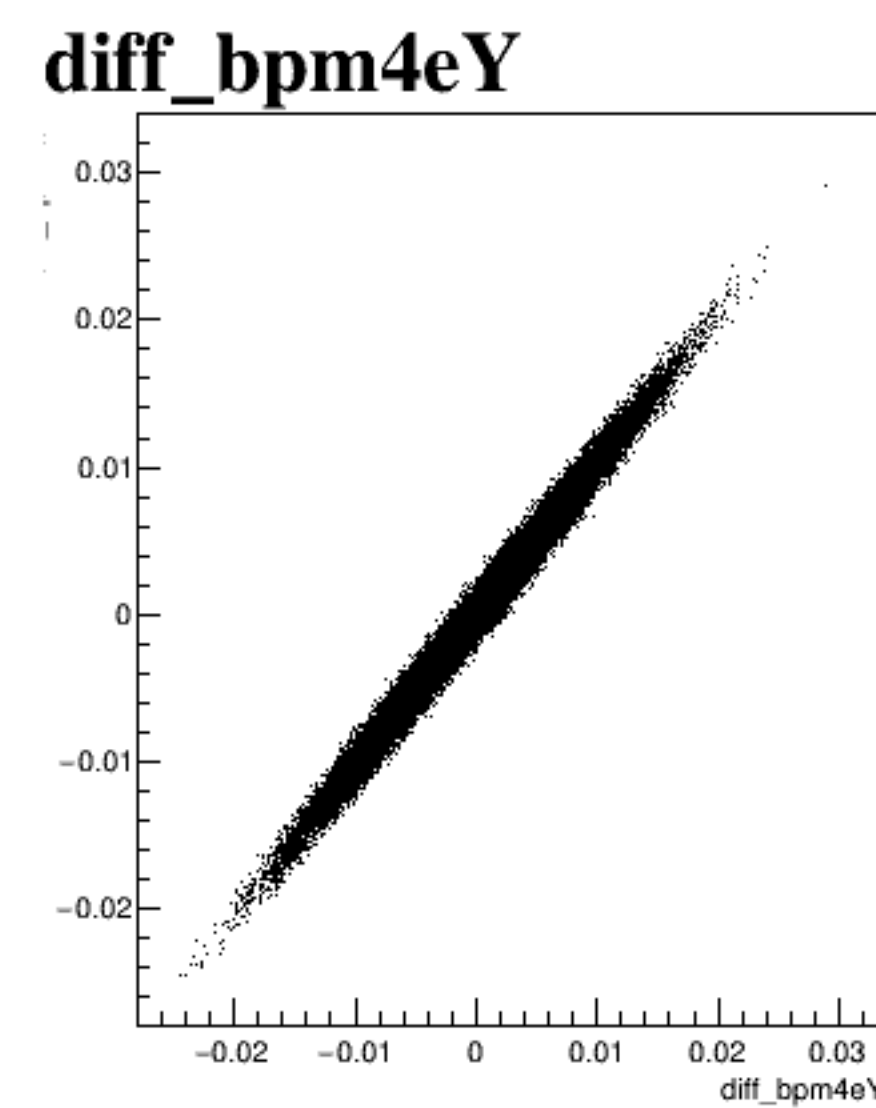
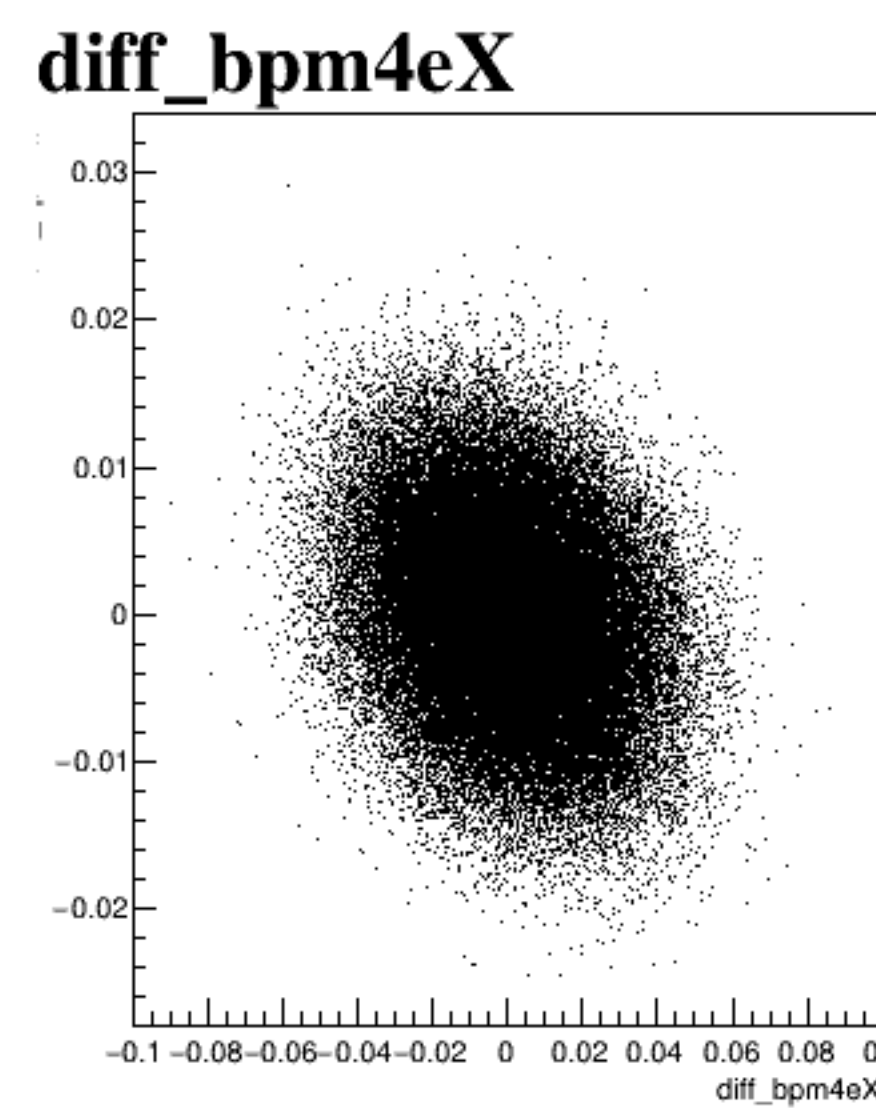
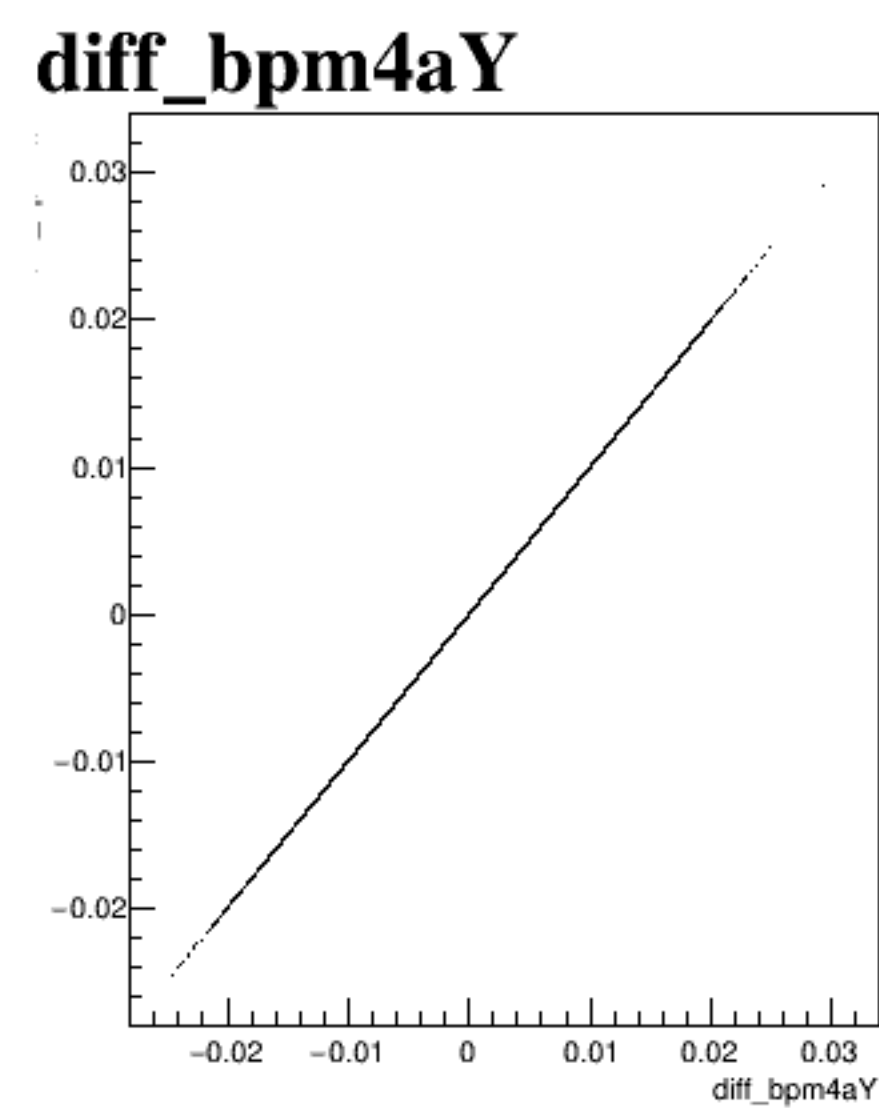
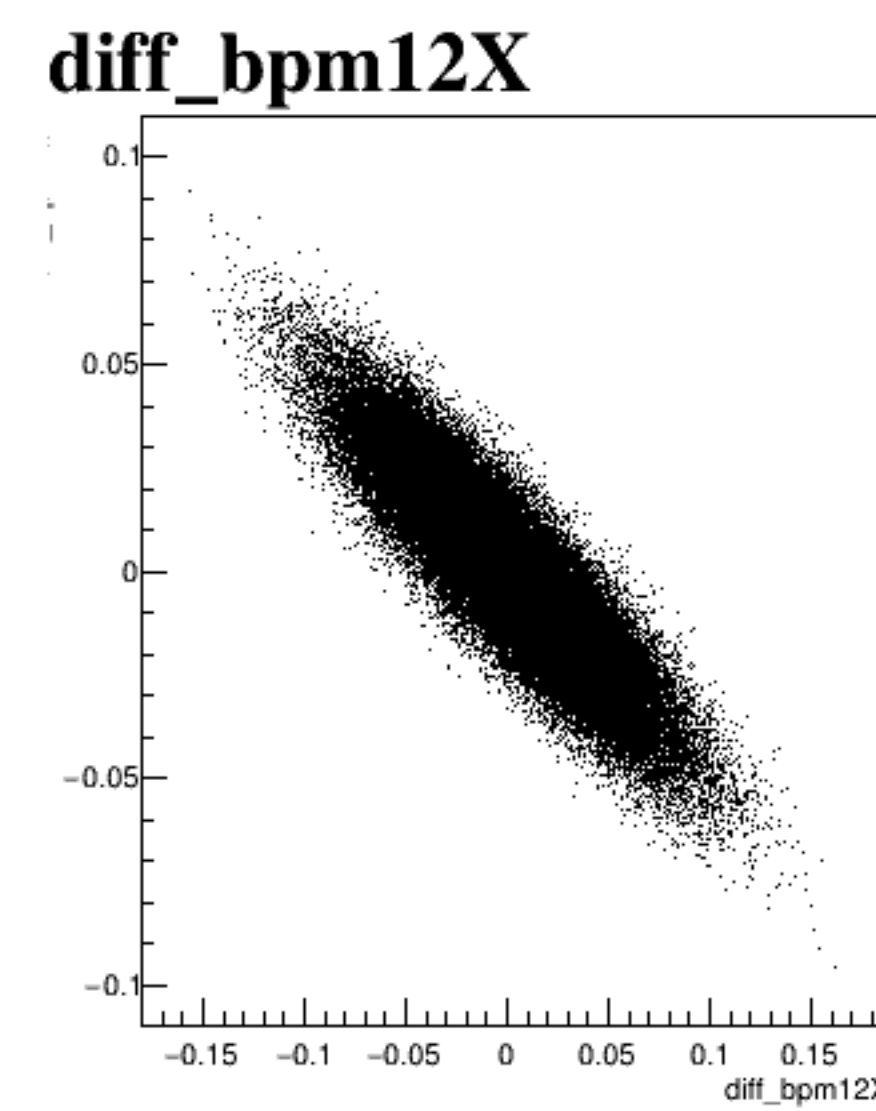
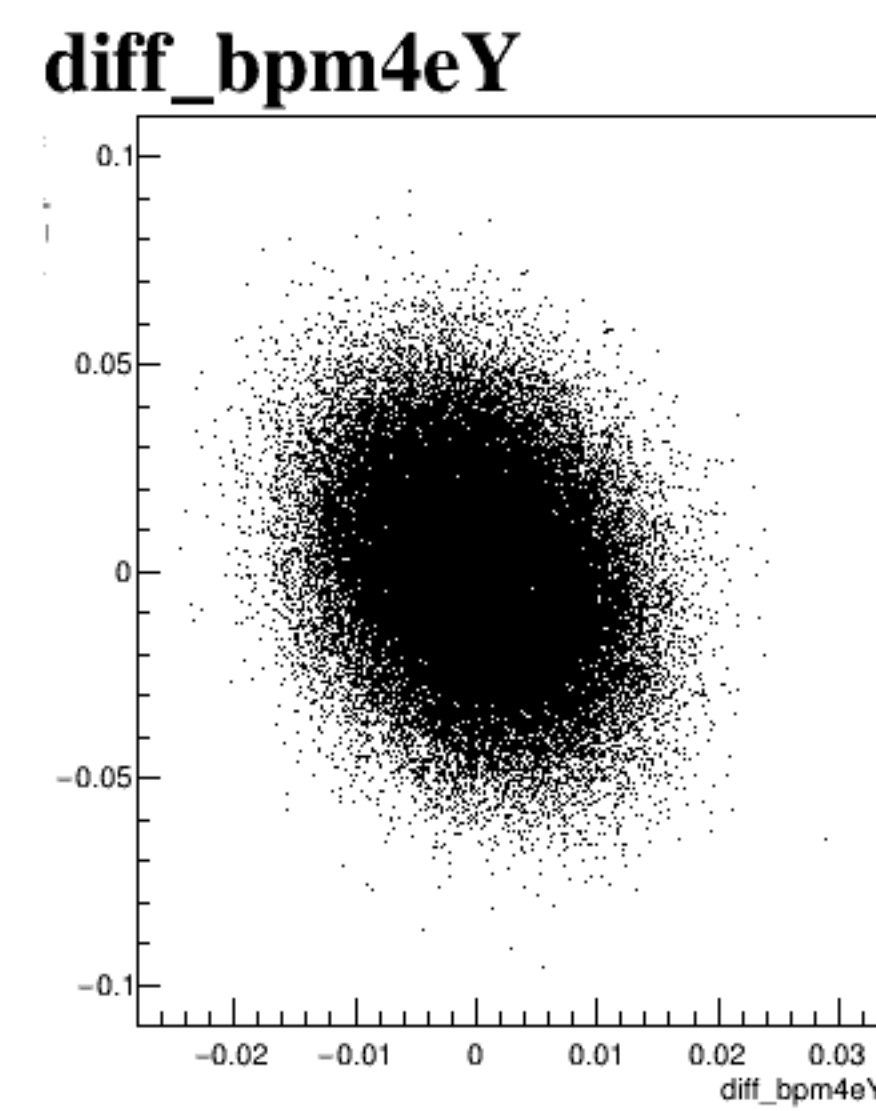
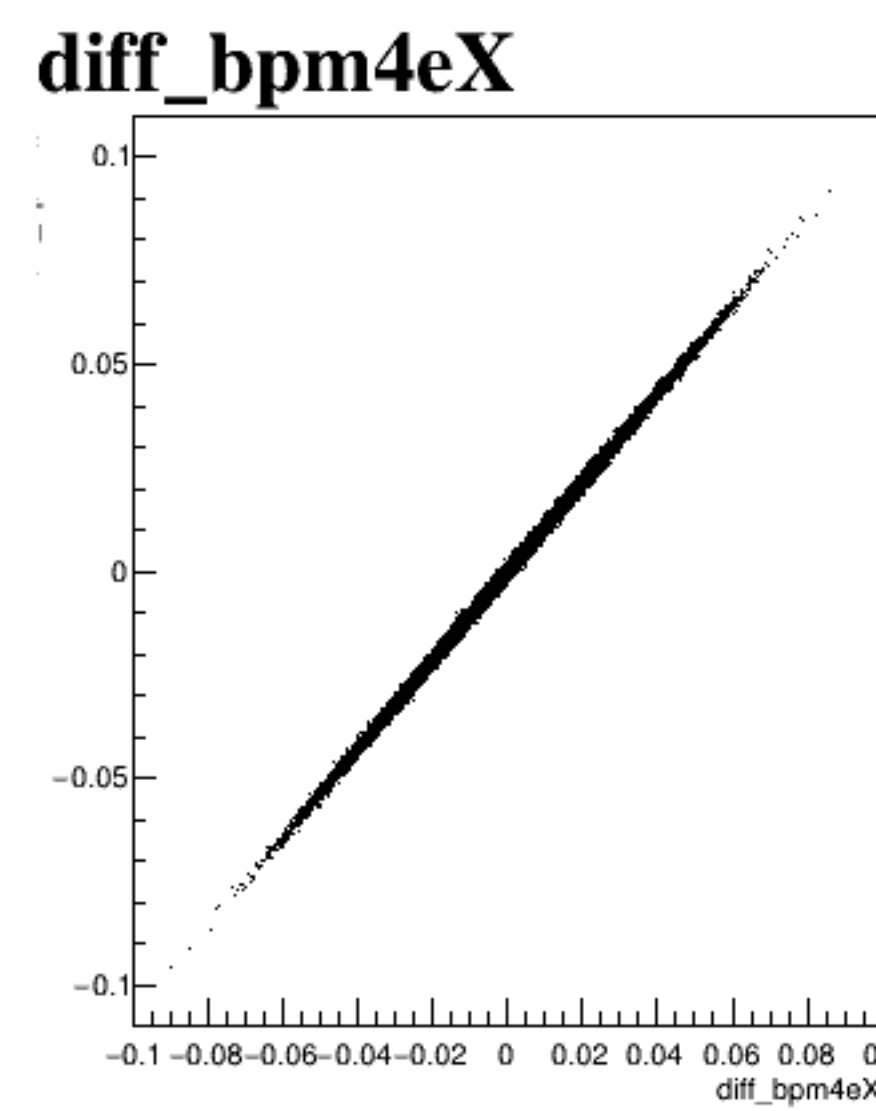
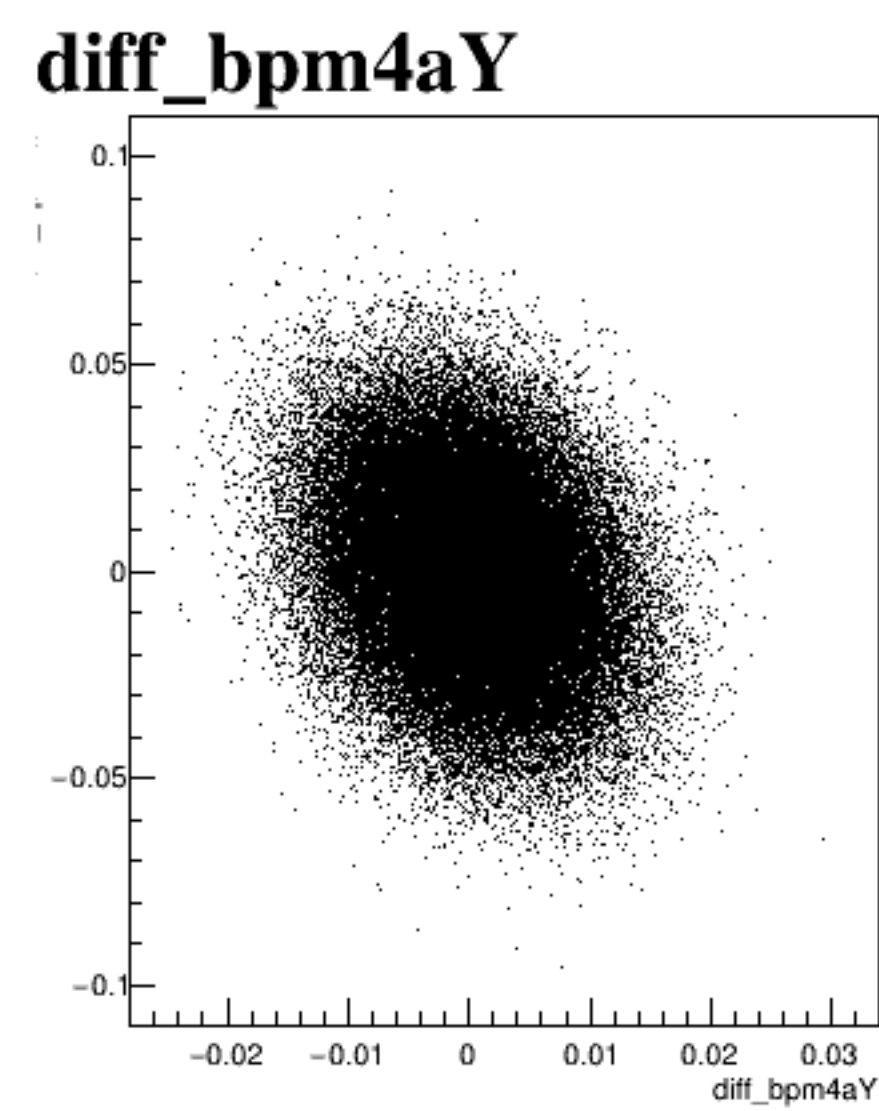


diff_bpm4eY



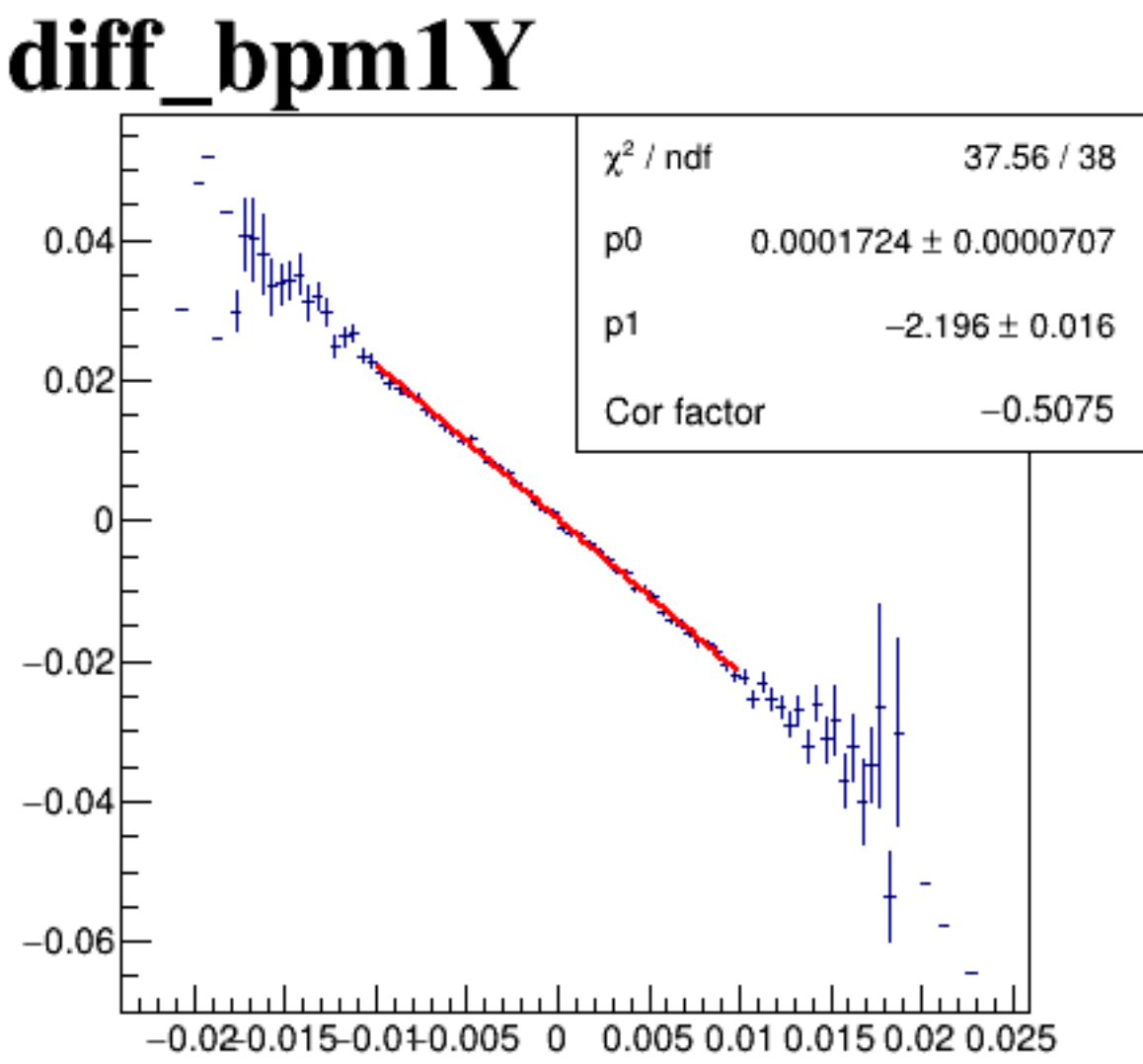
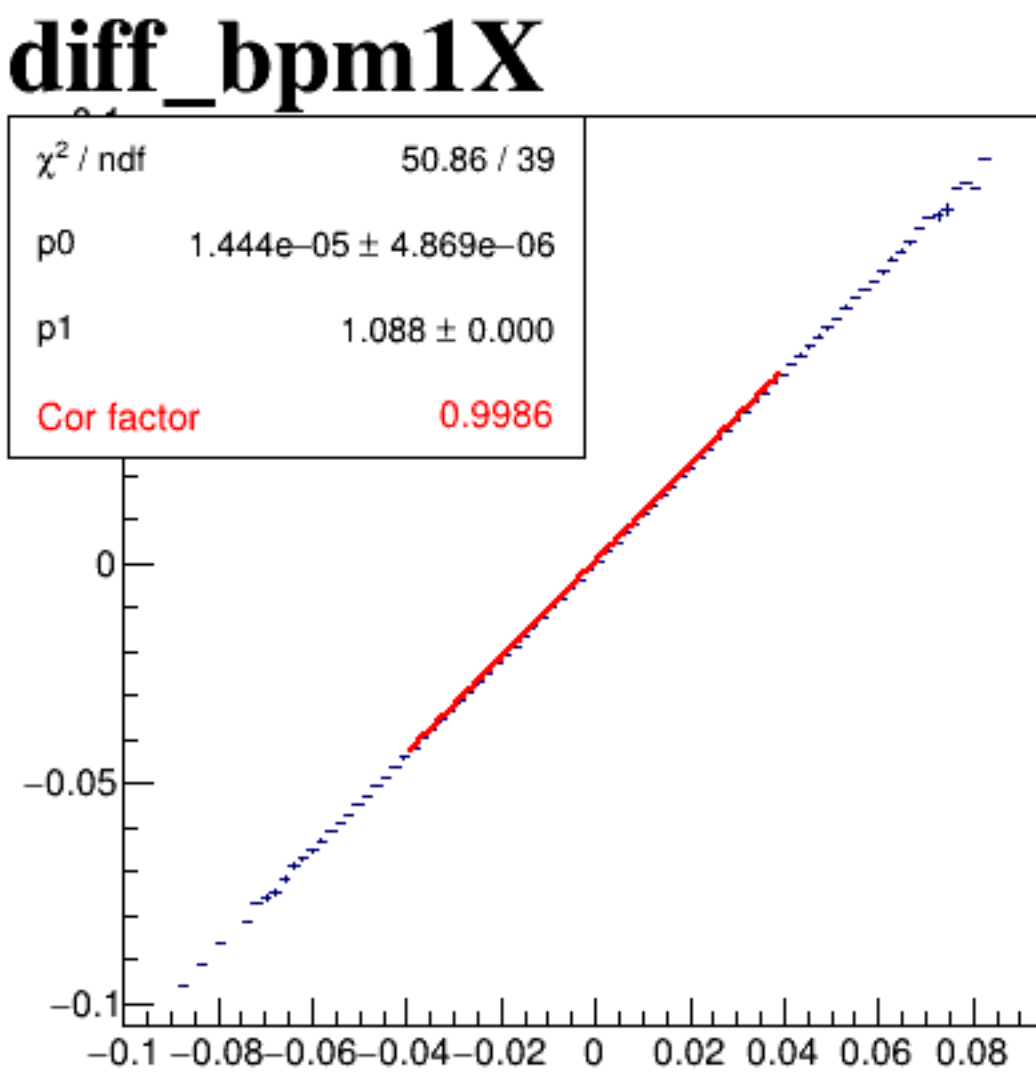
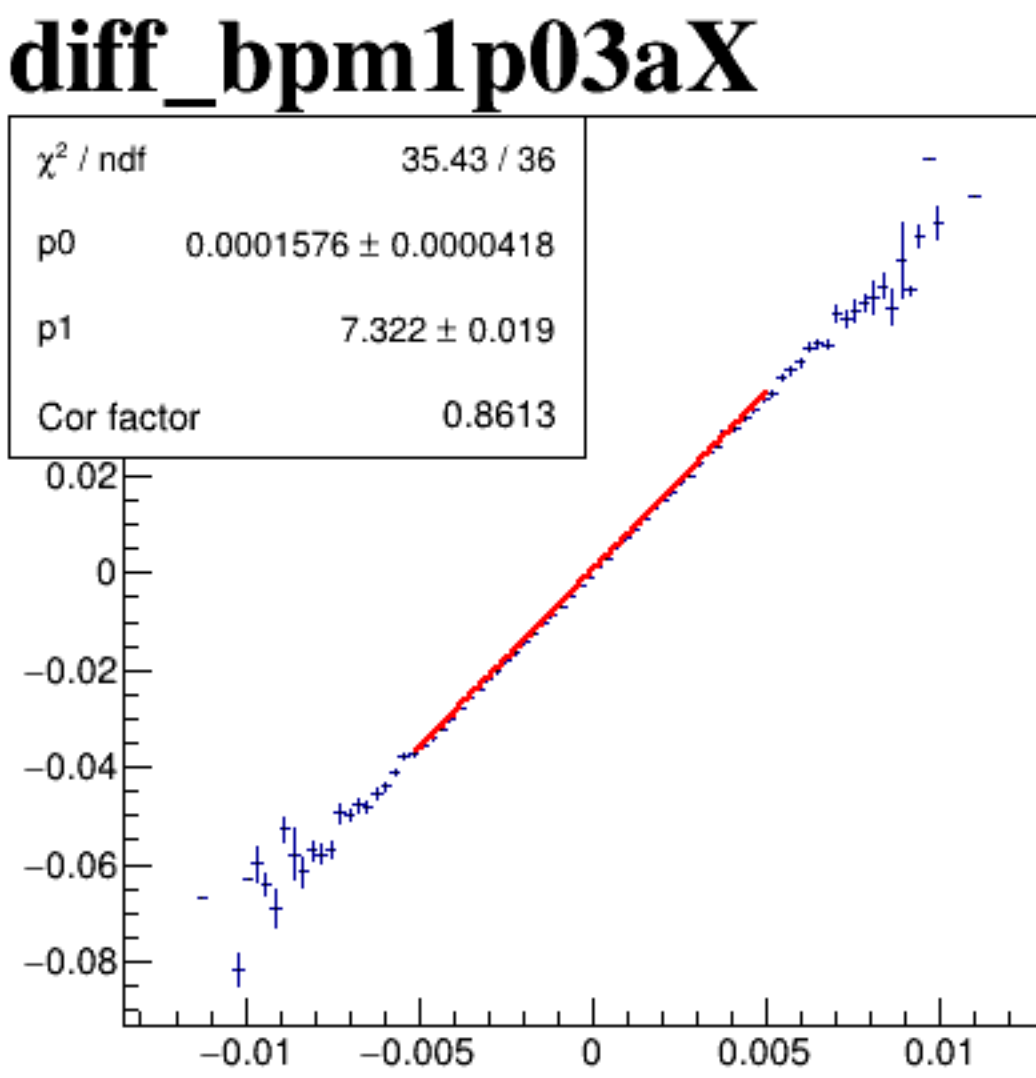
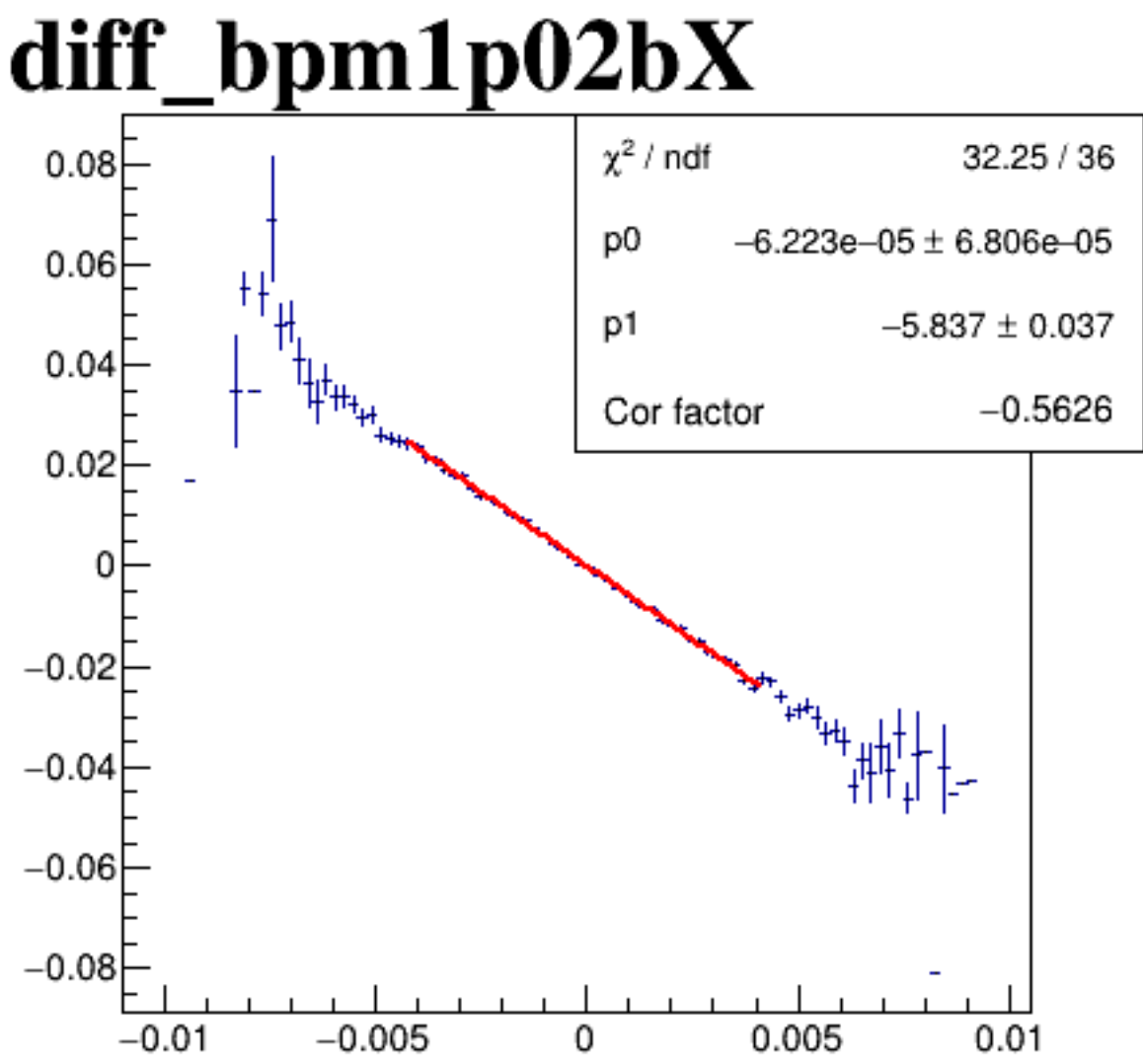
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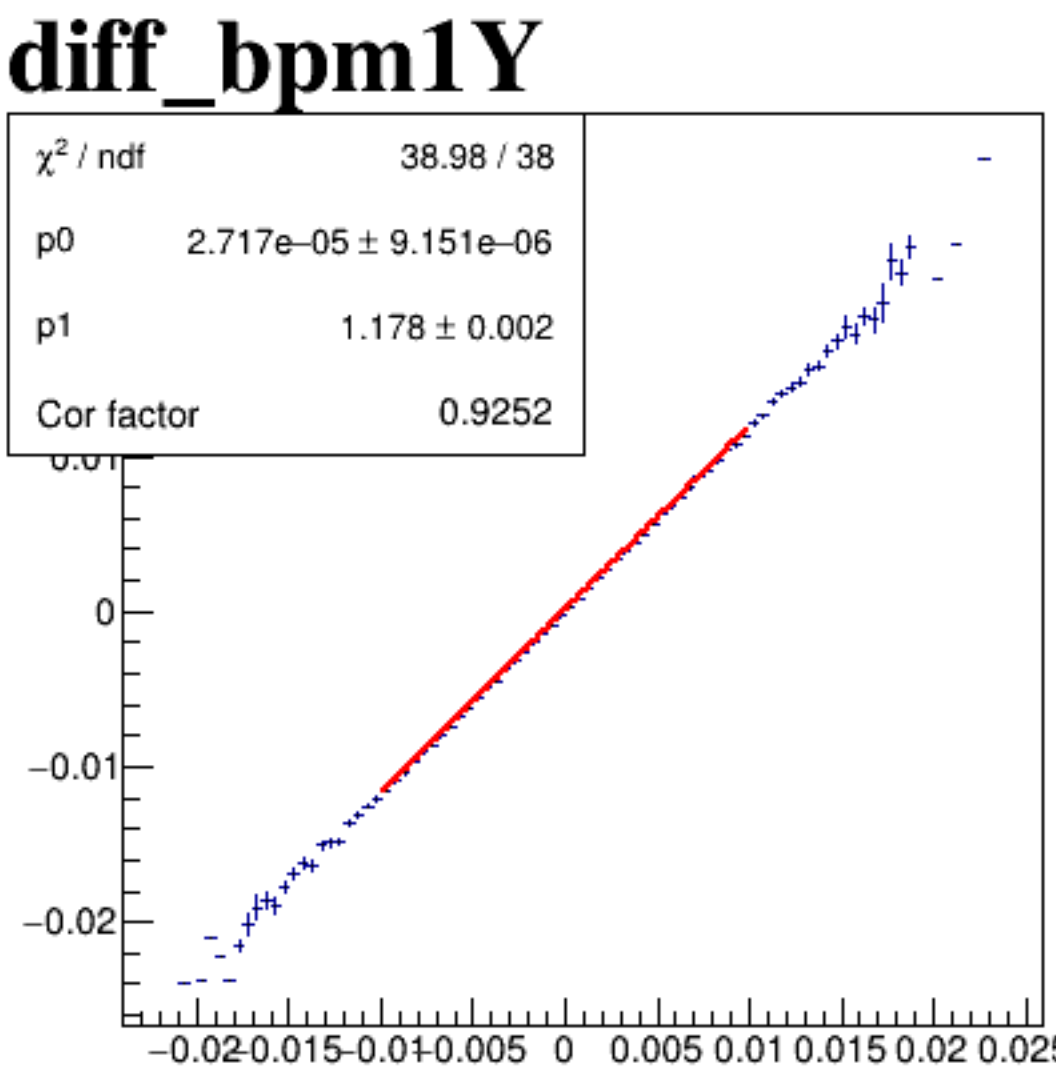
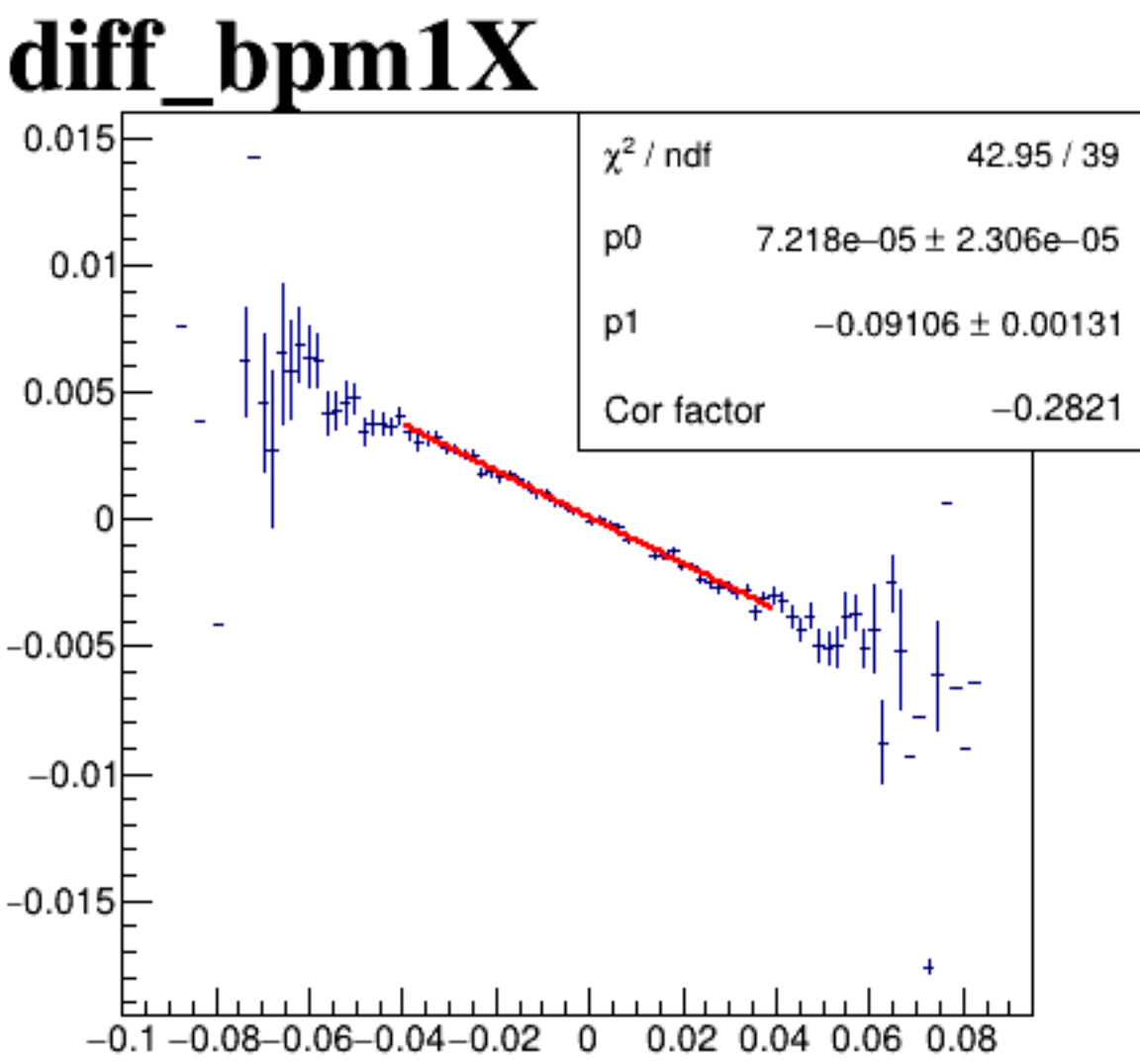
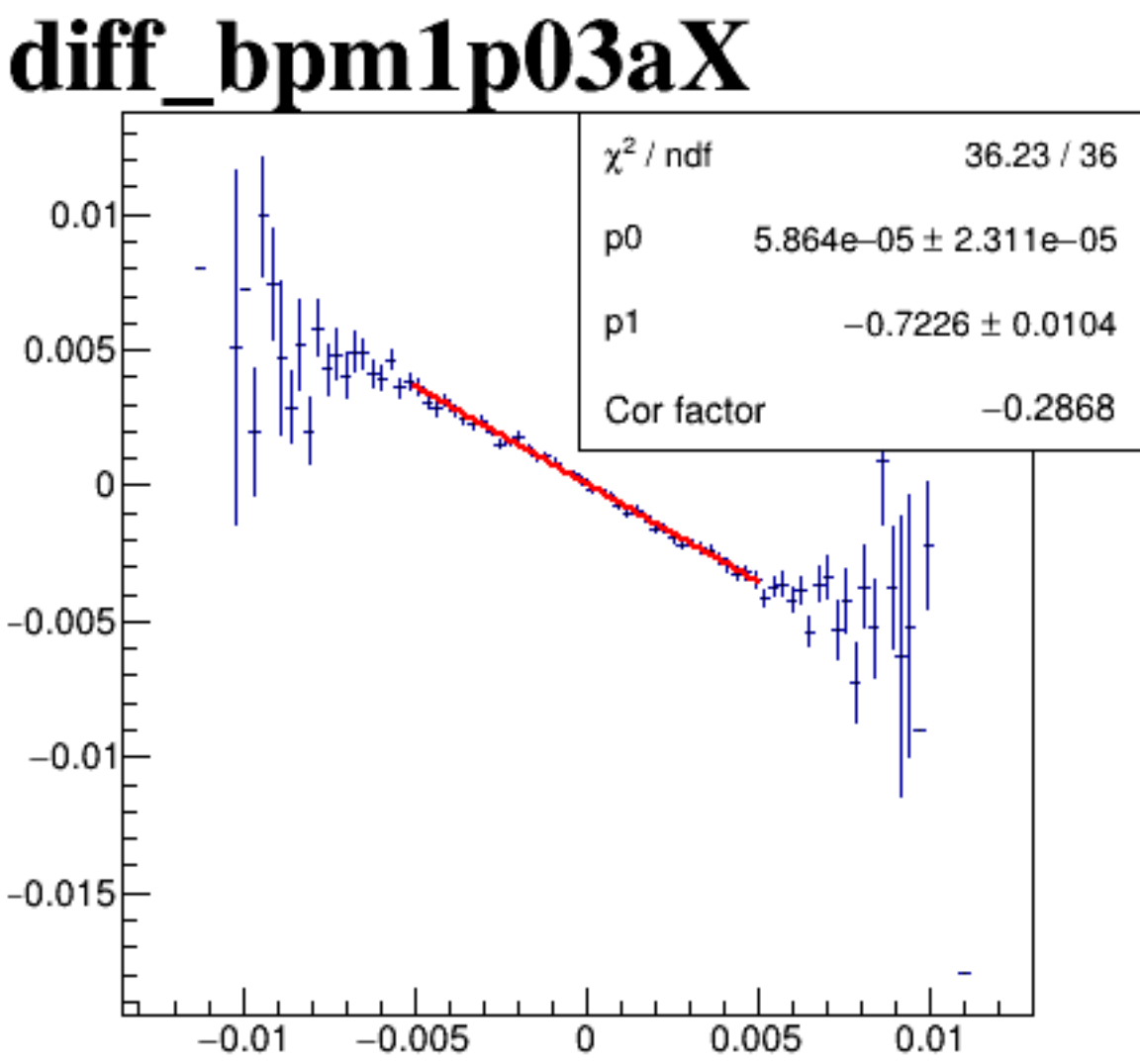
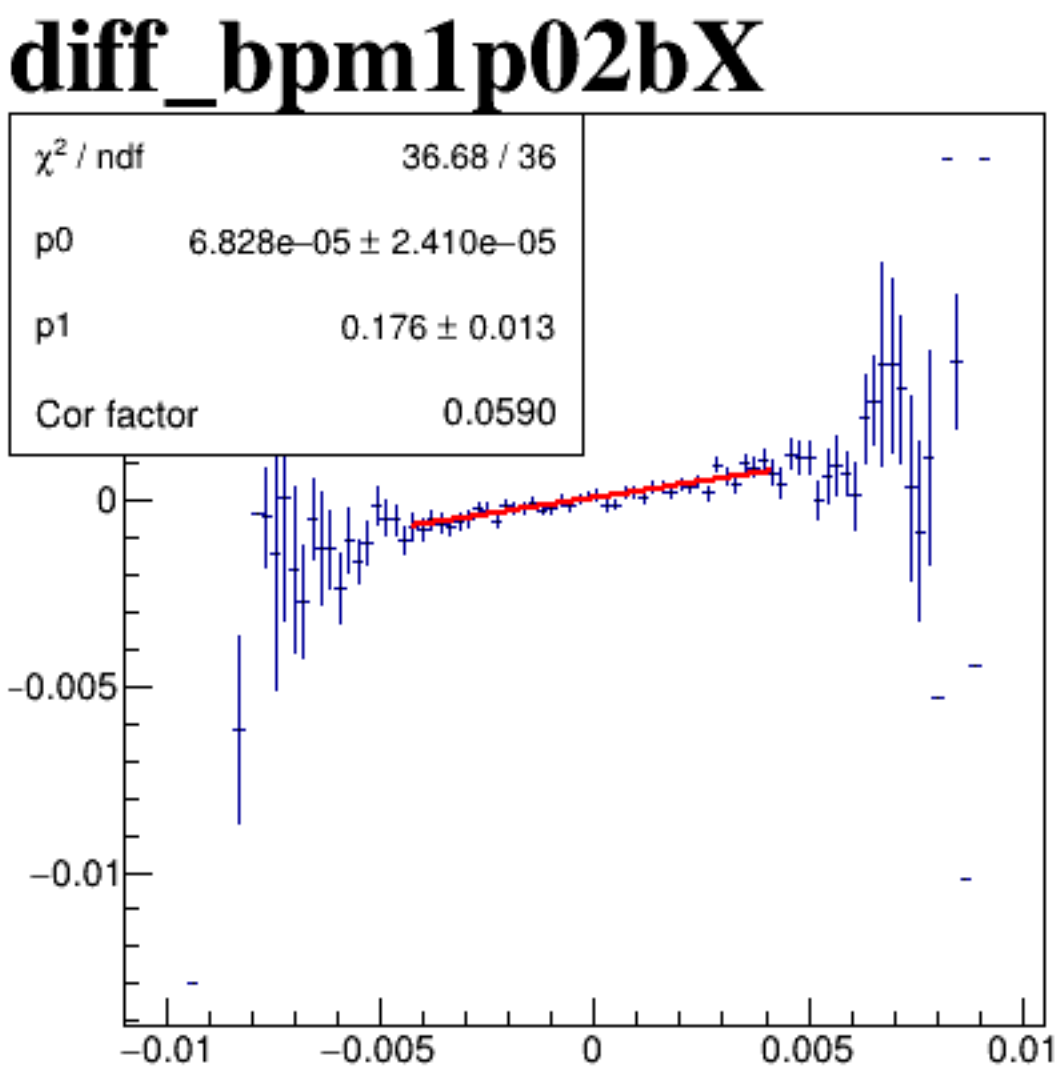


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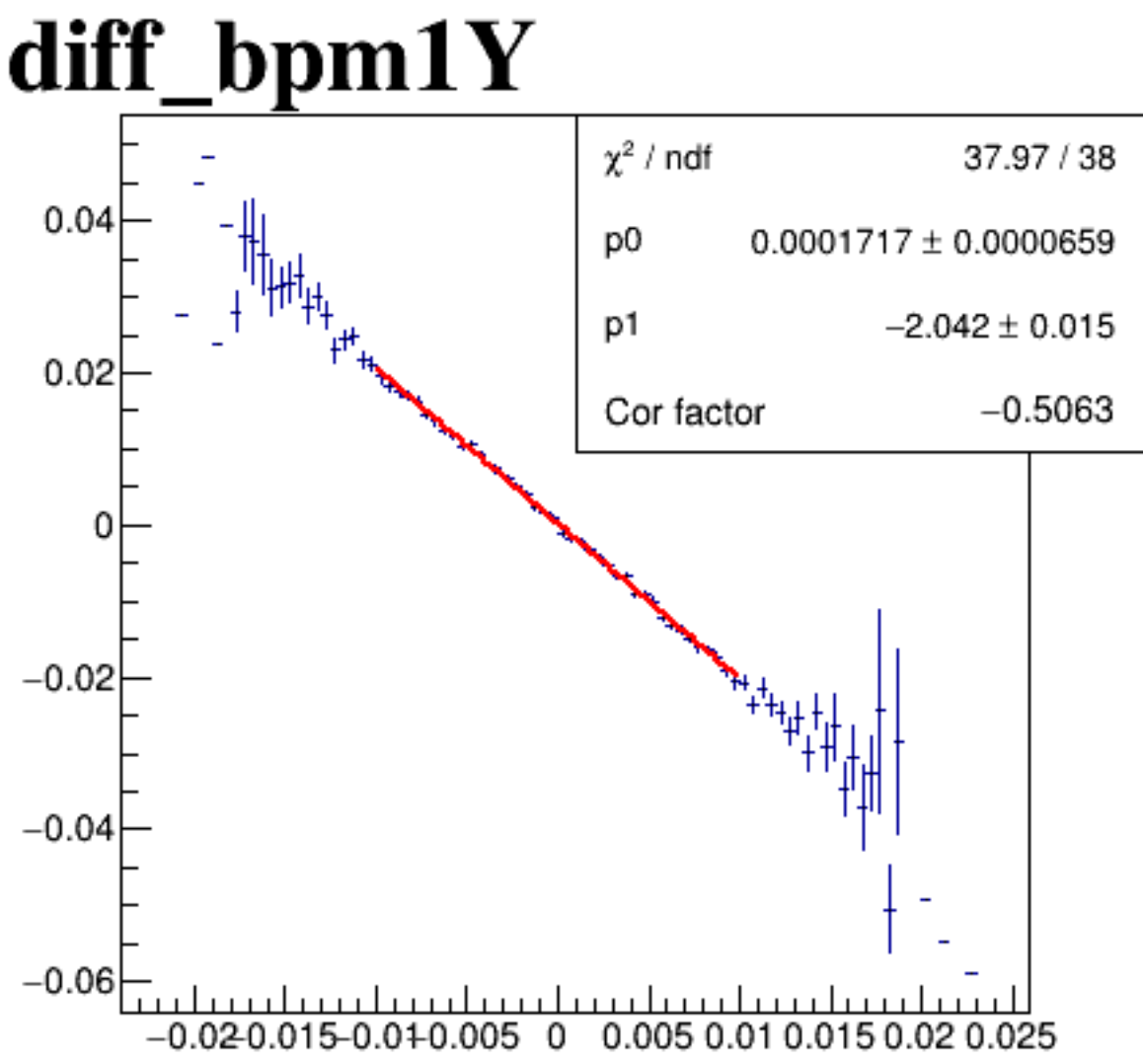
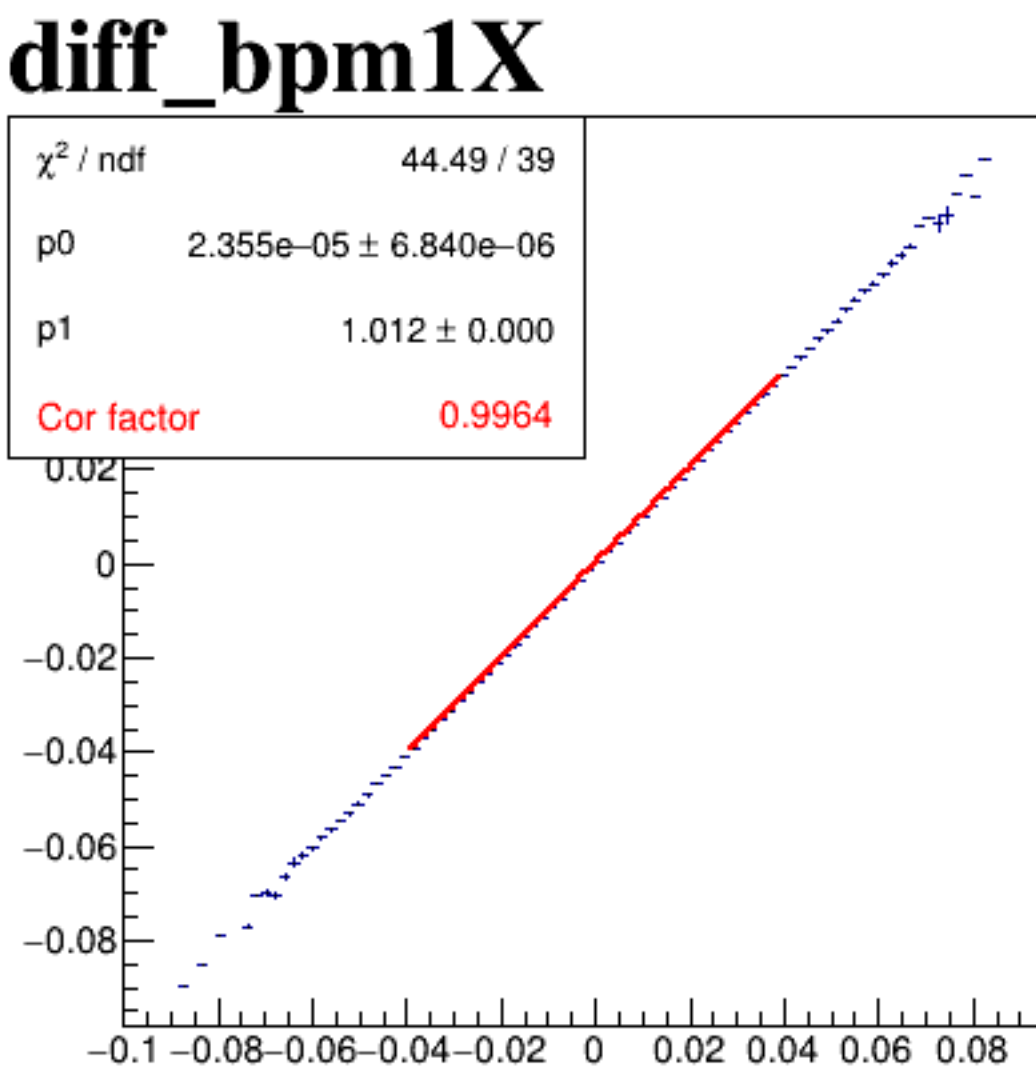
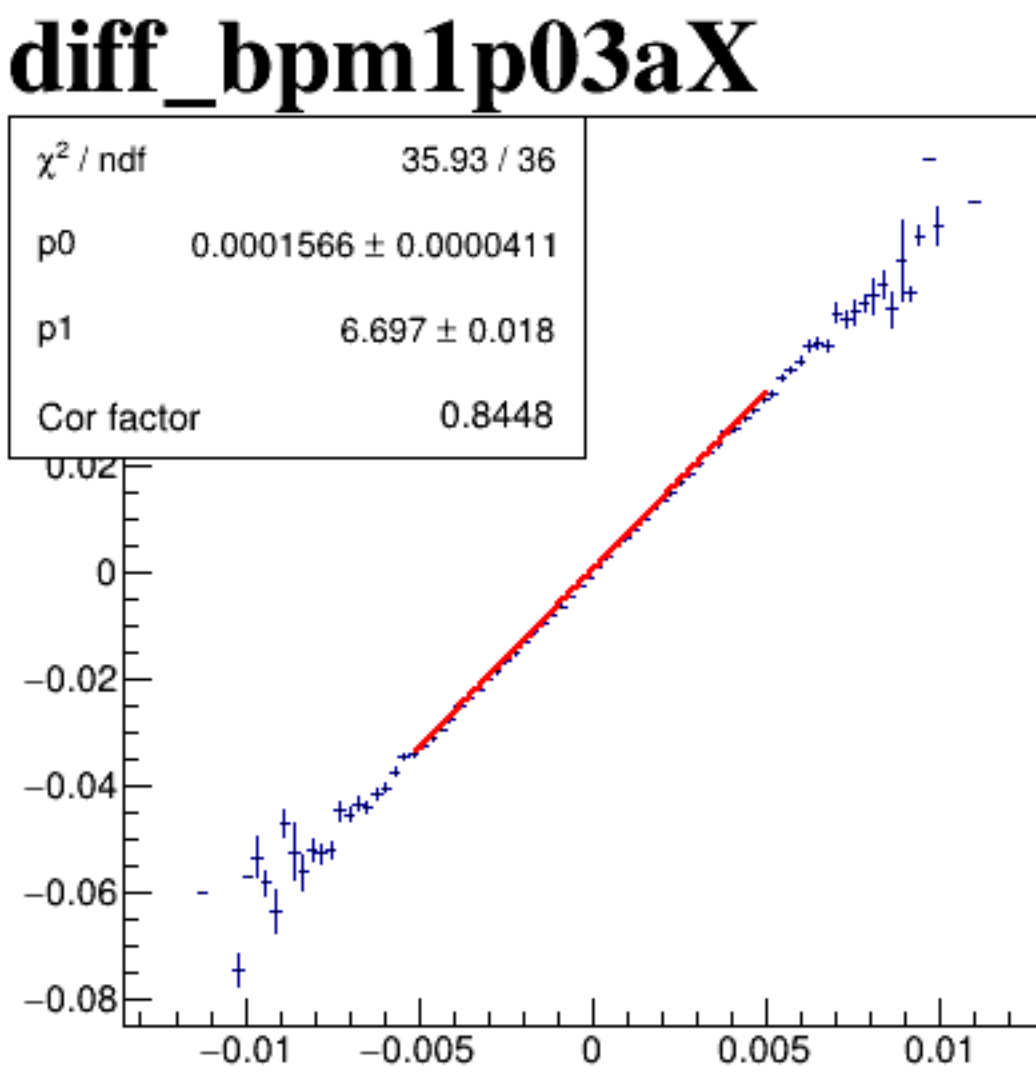
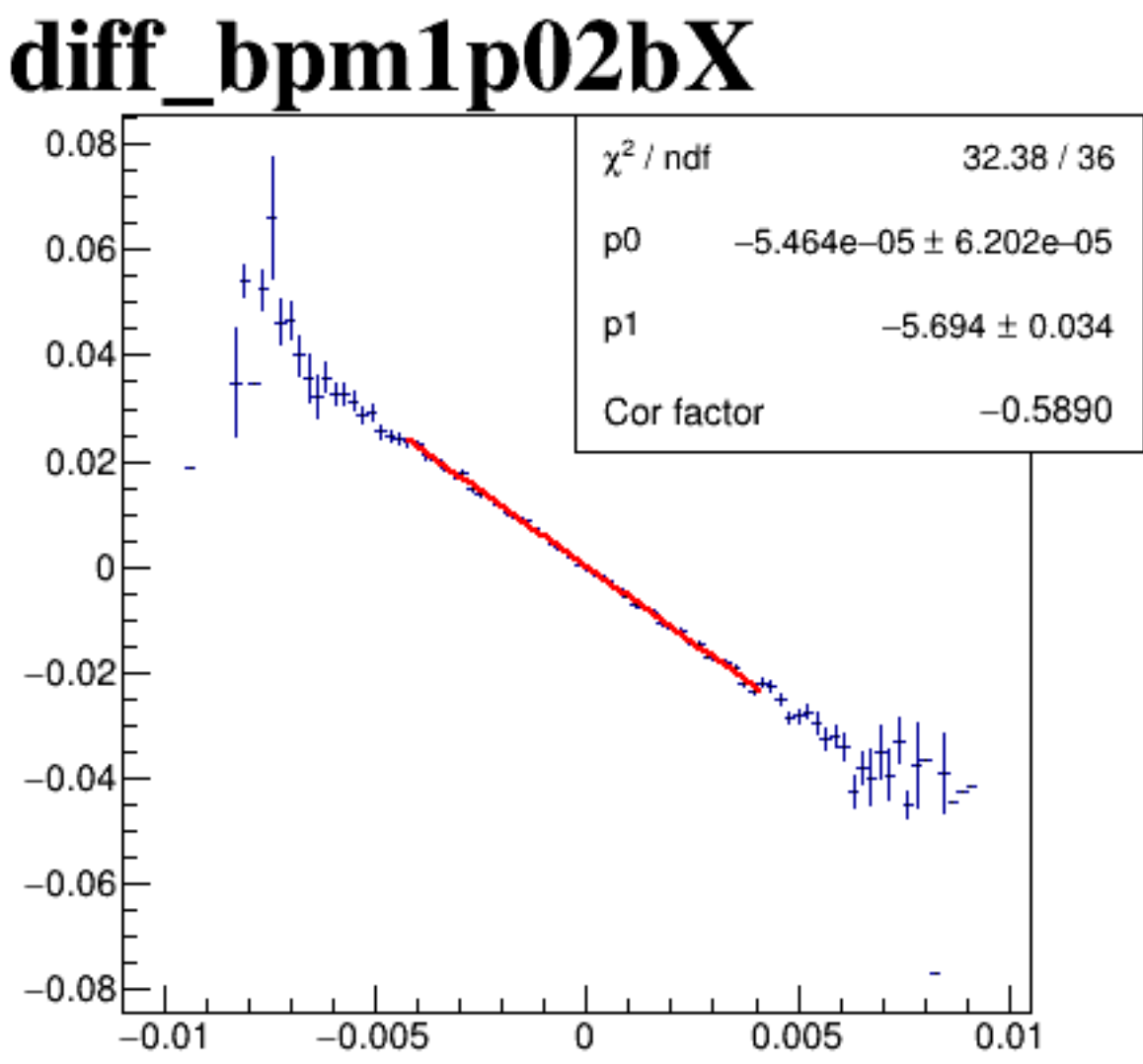
diff_bpm4aX



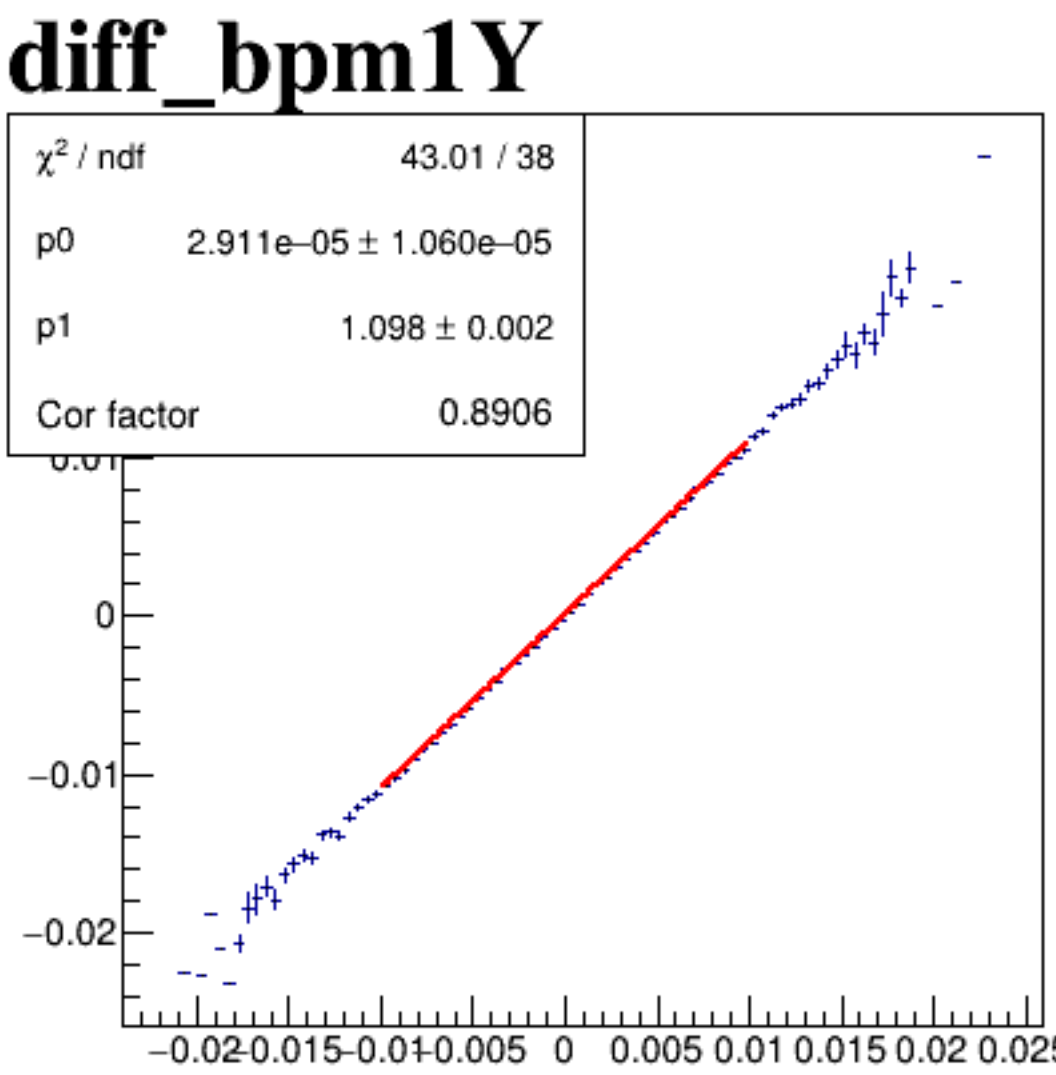
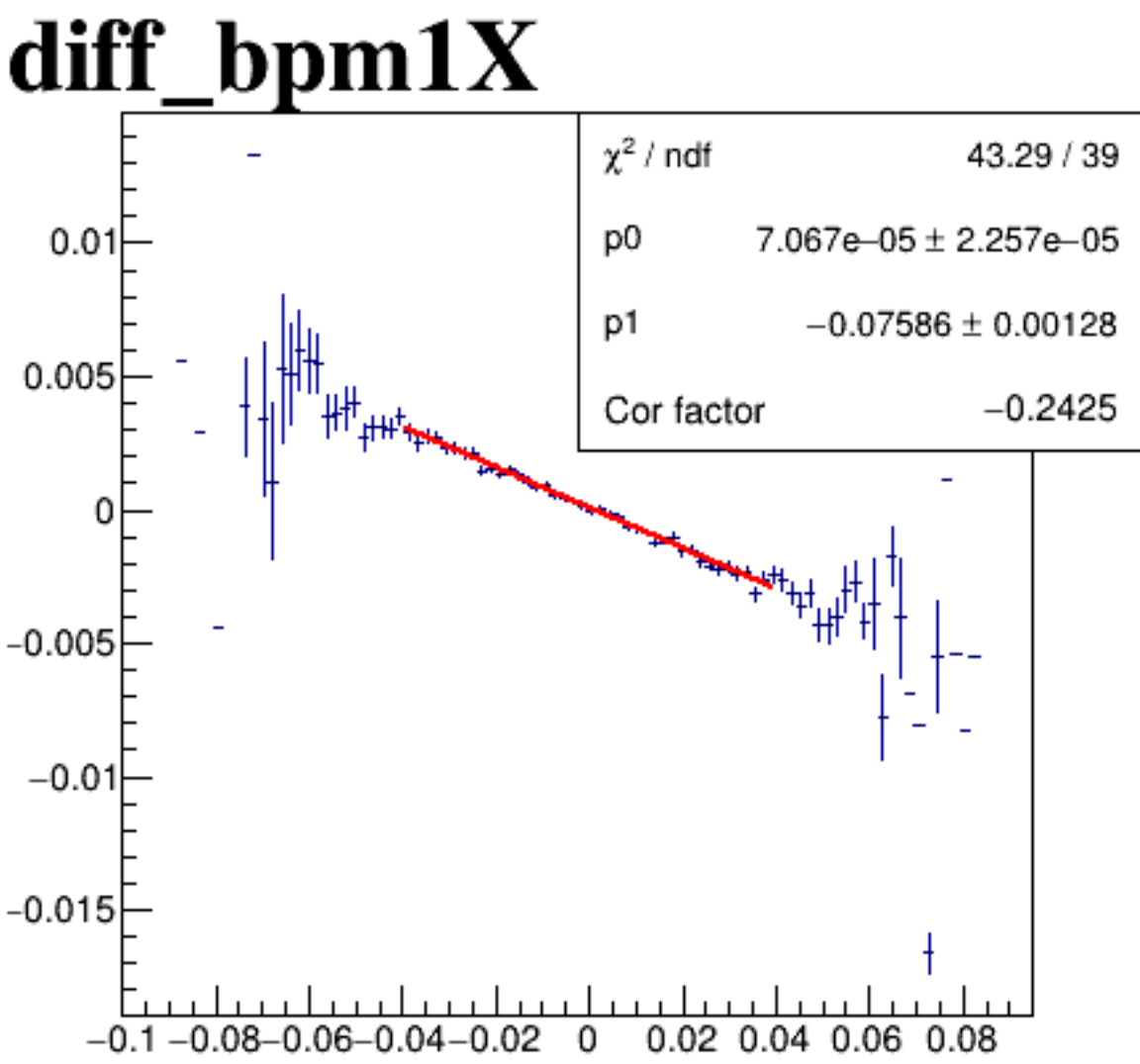
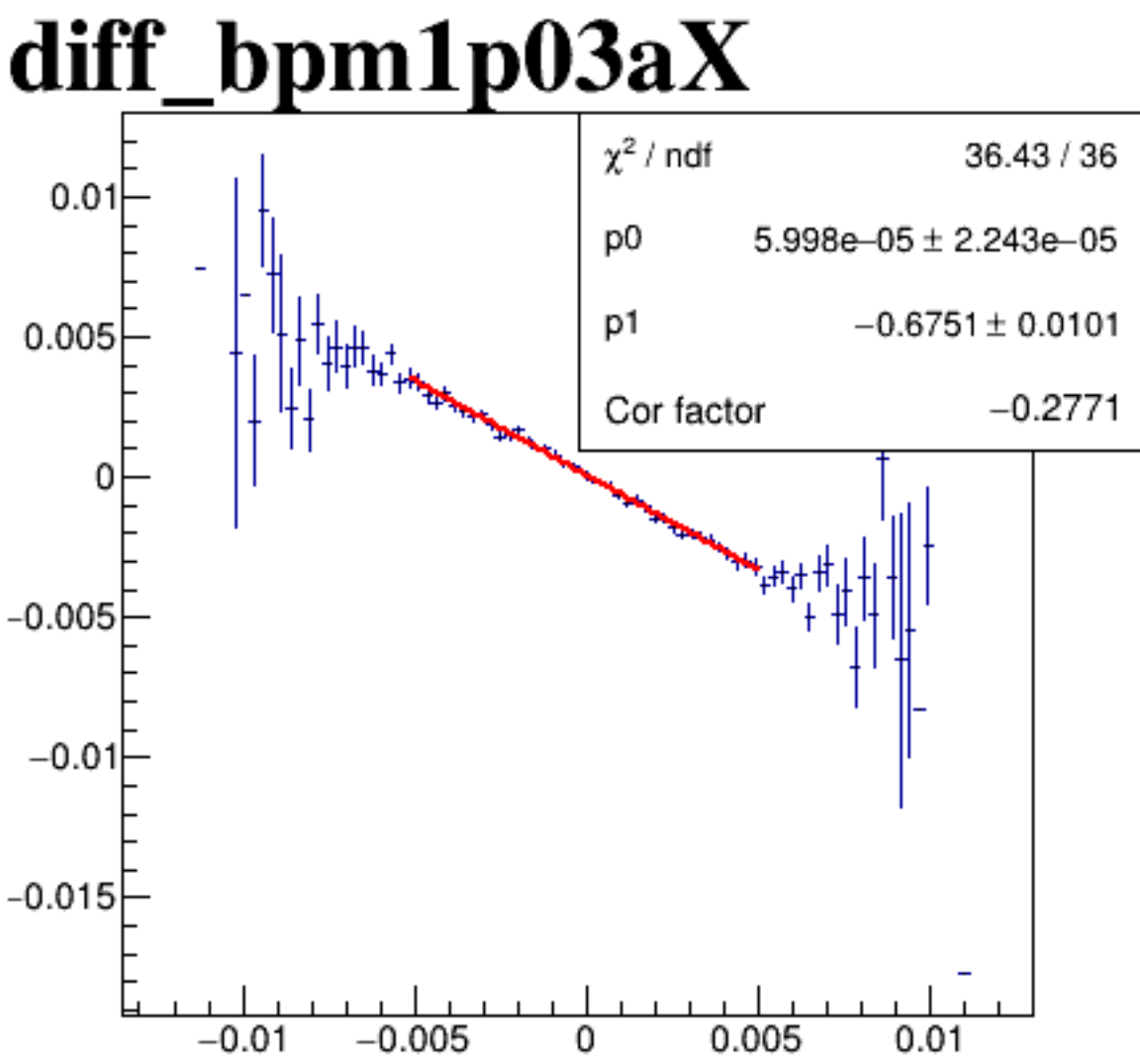
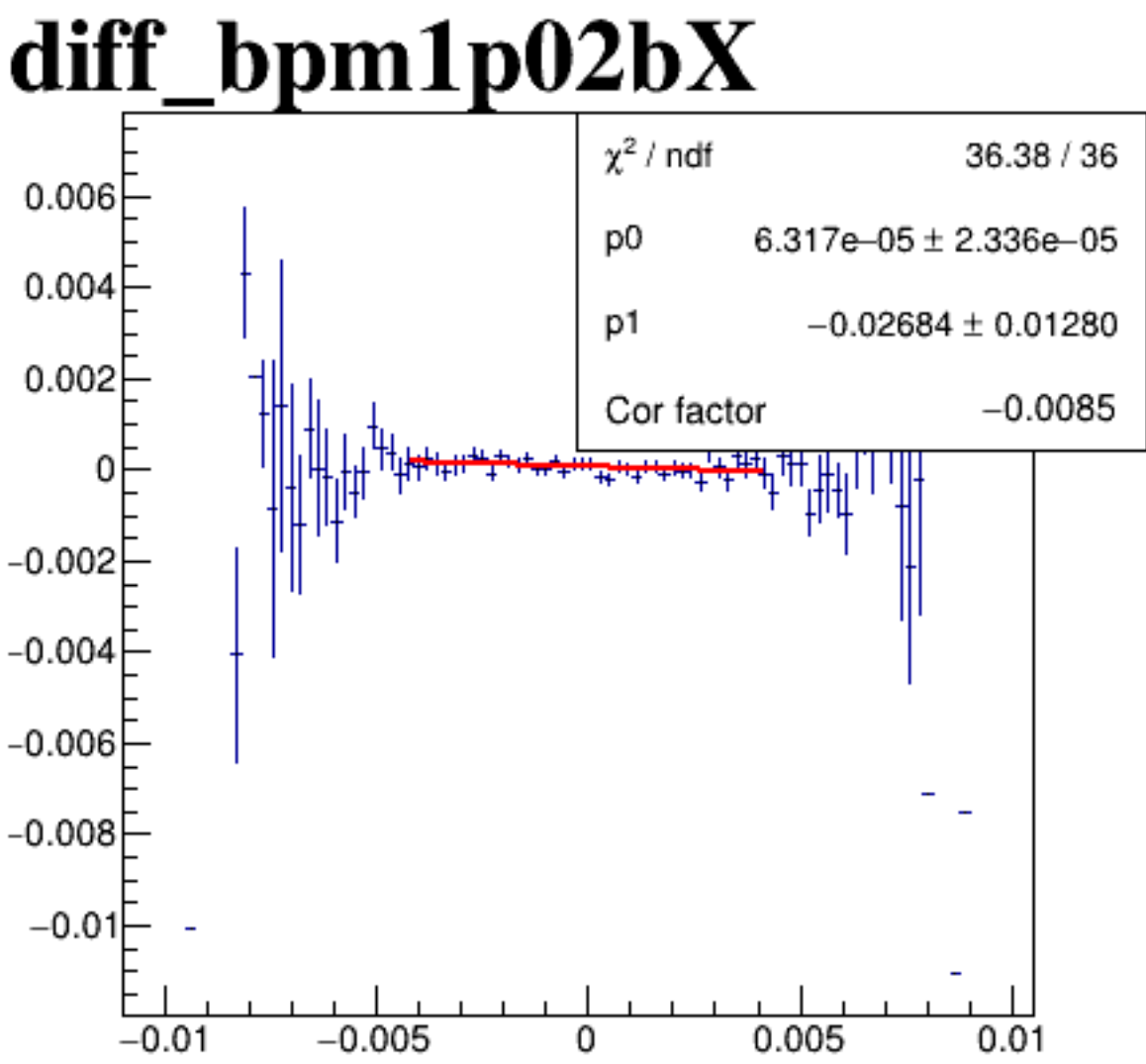
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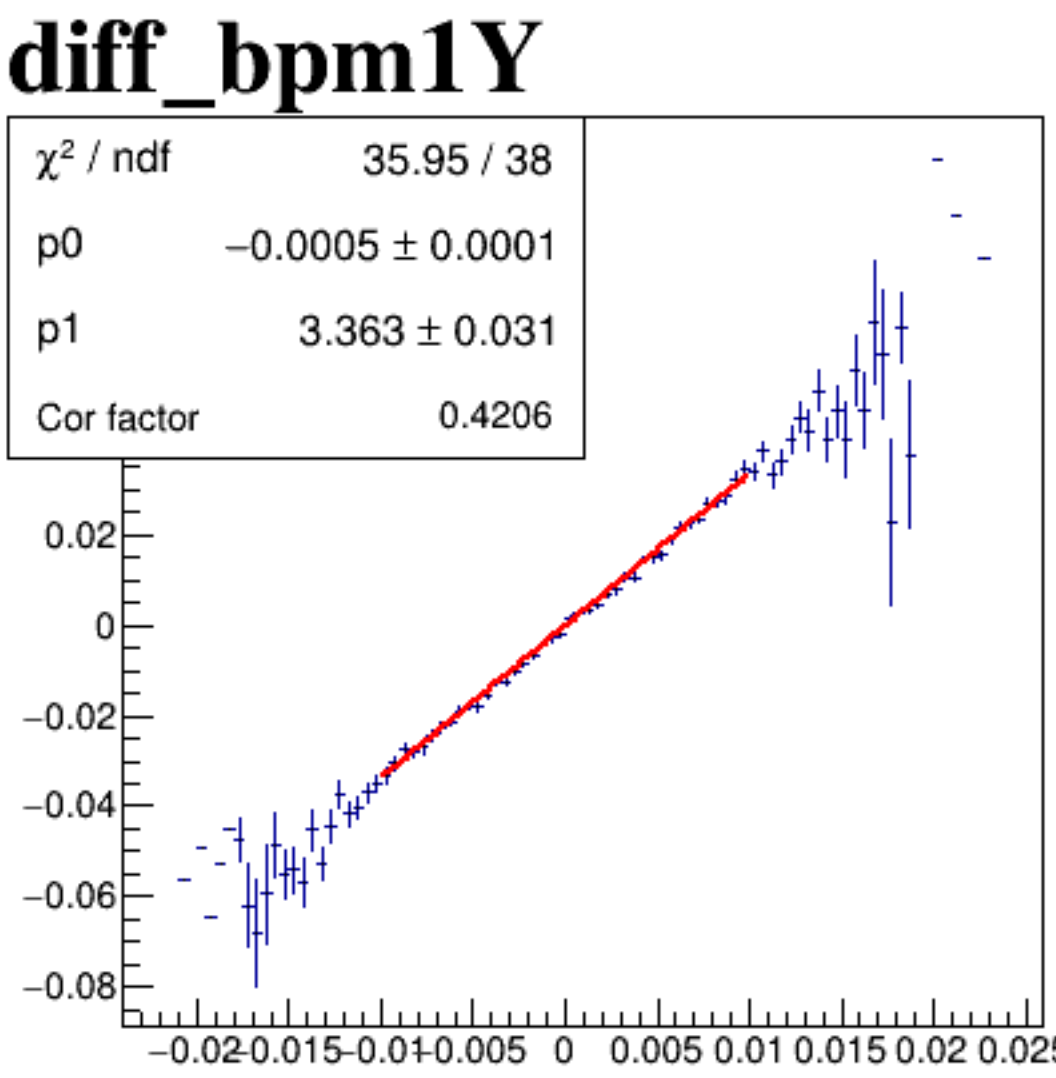
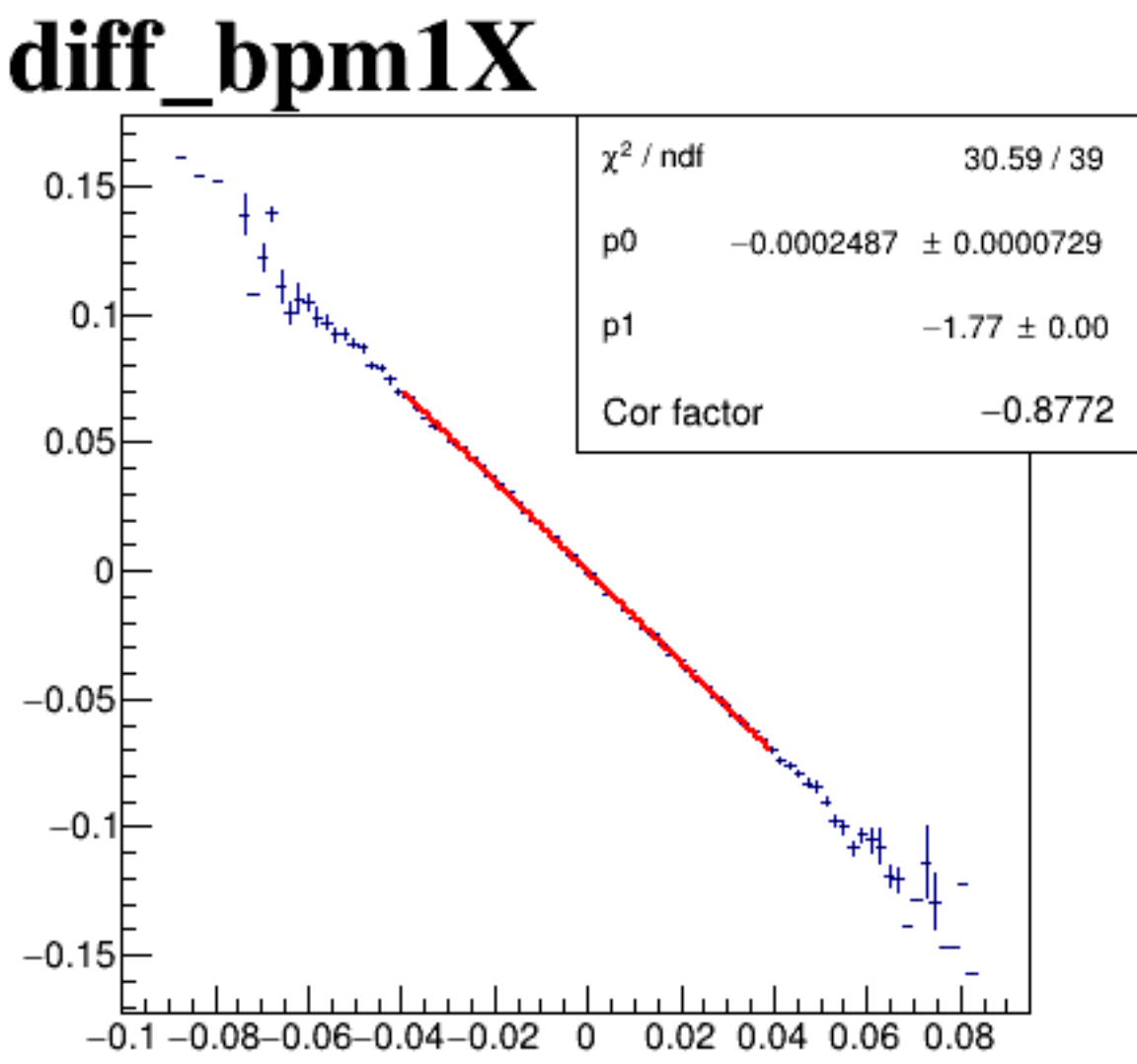
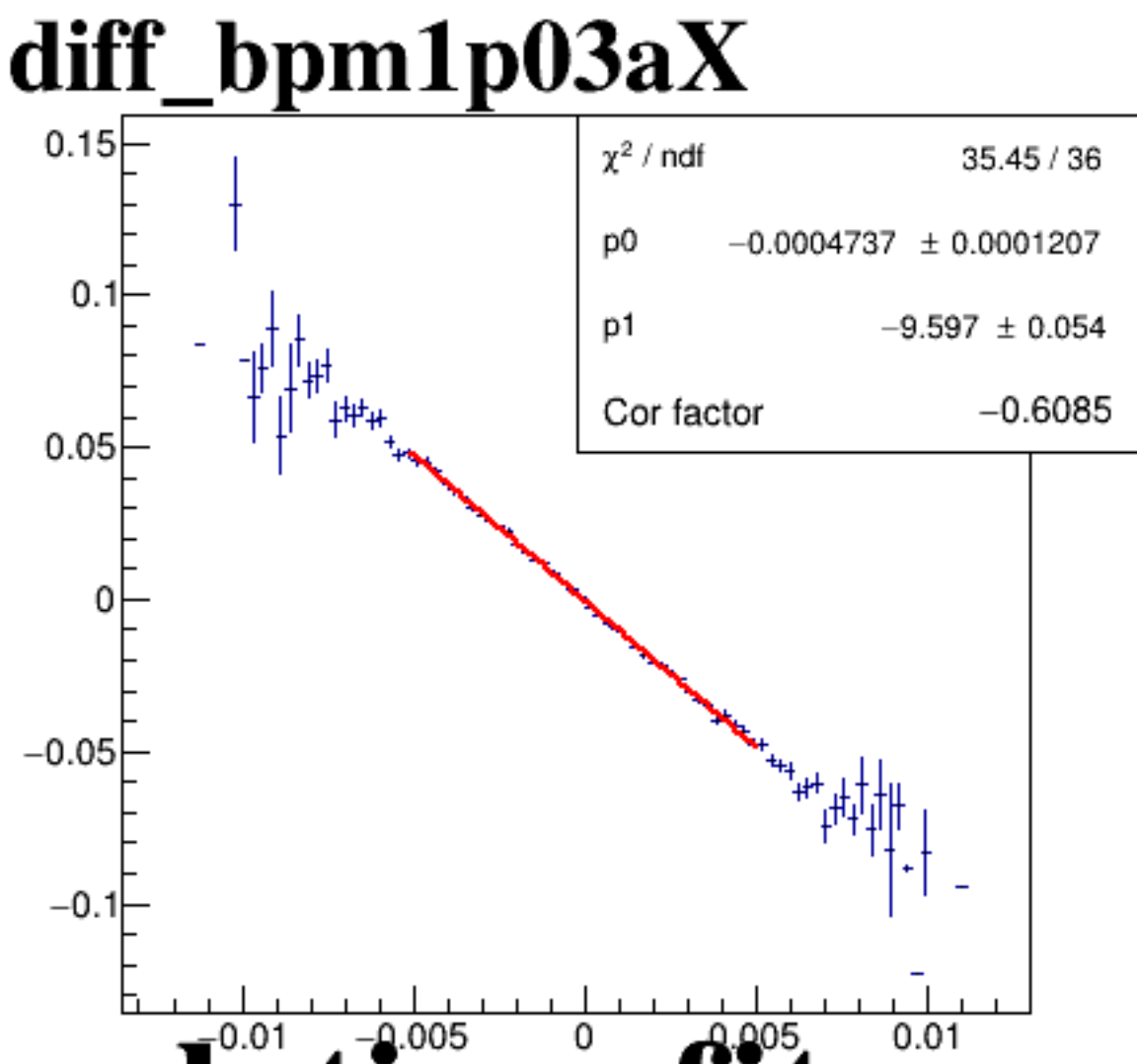
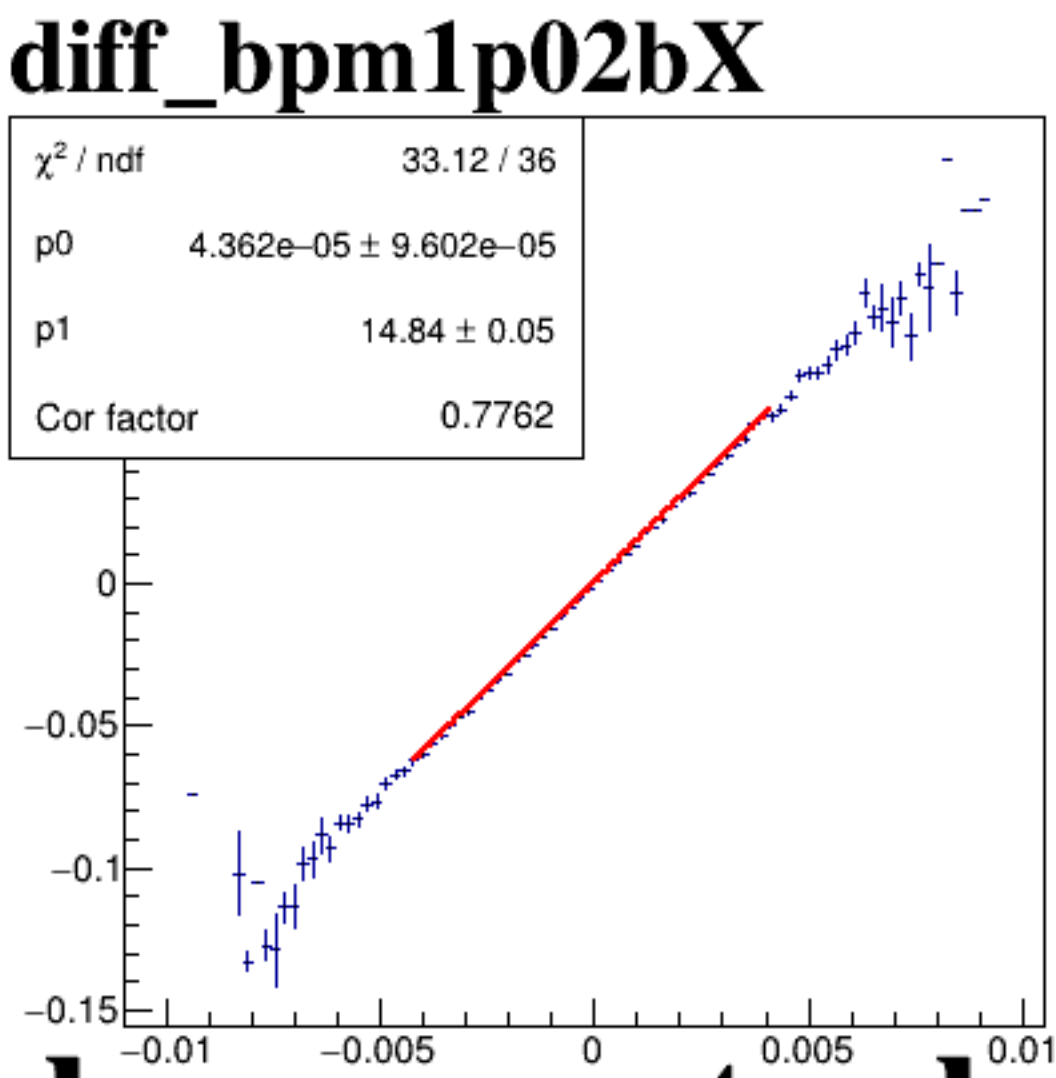
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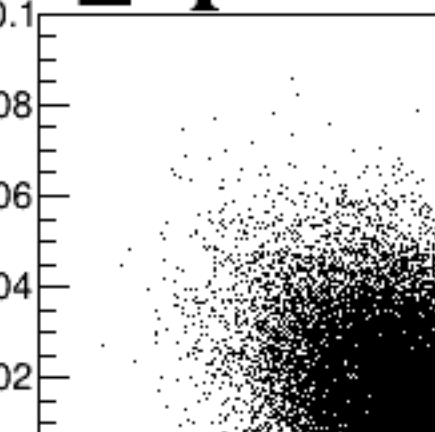


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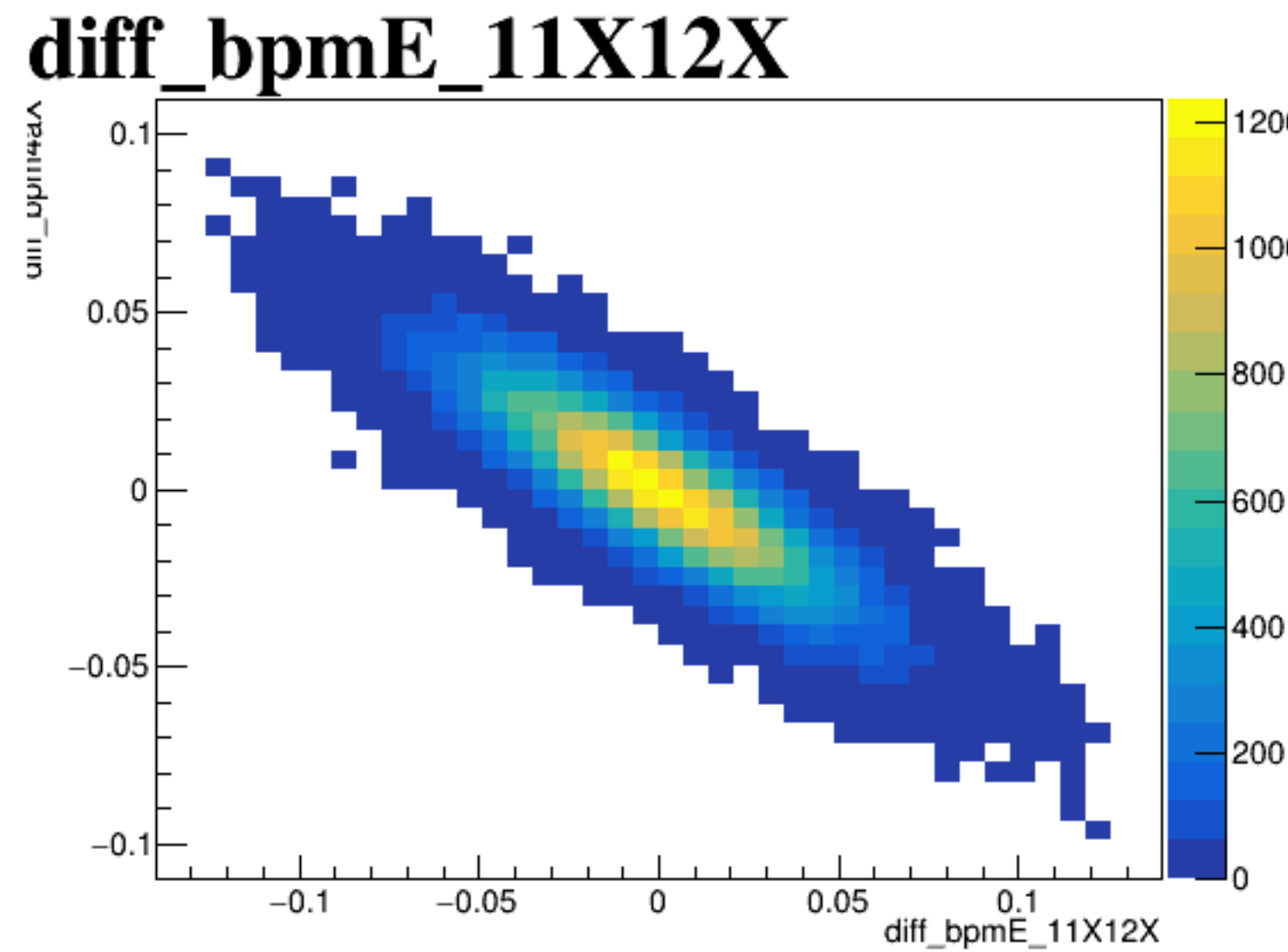
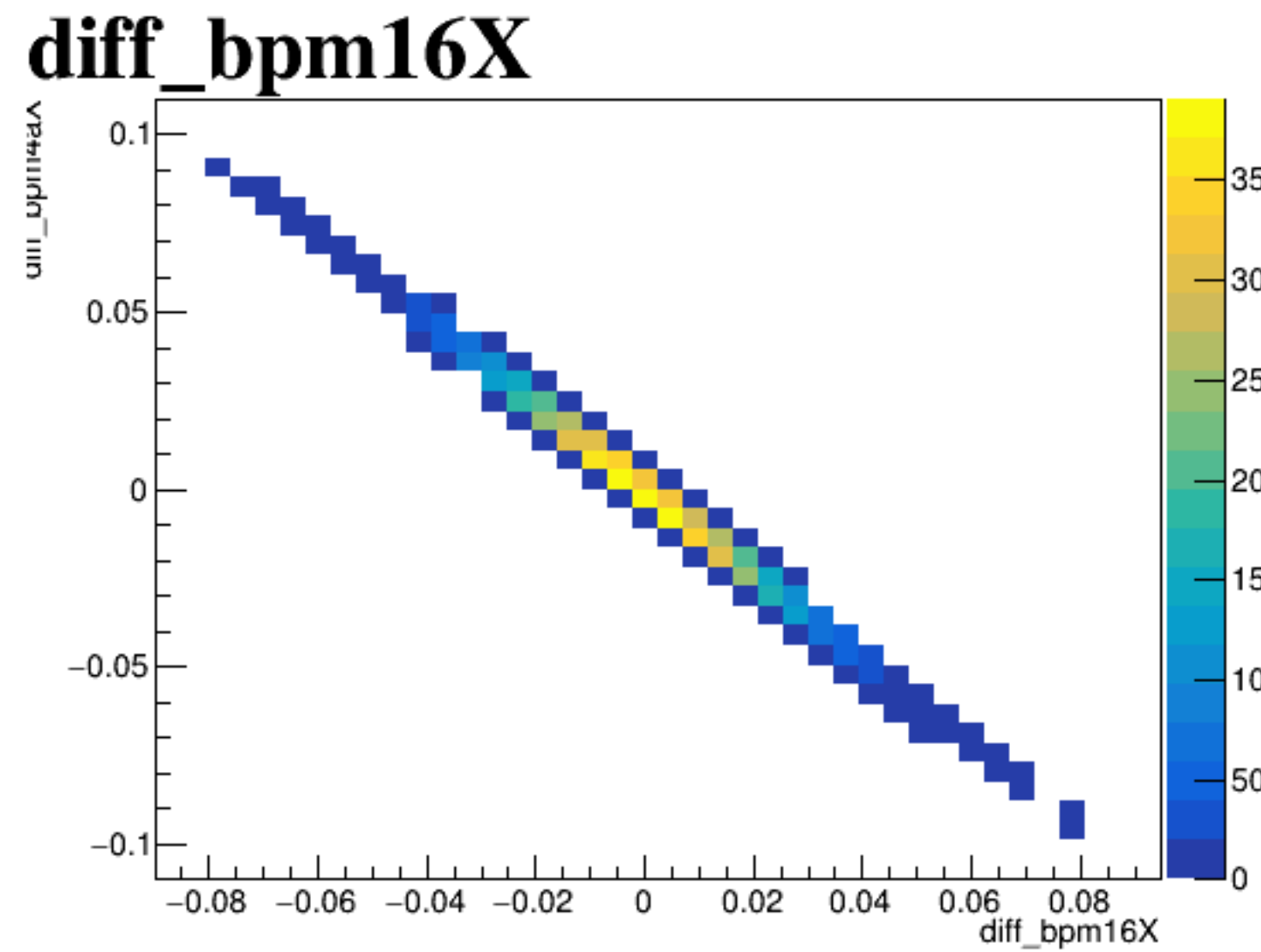
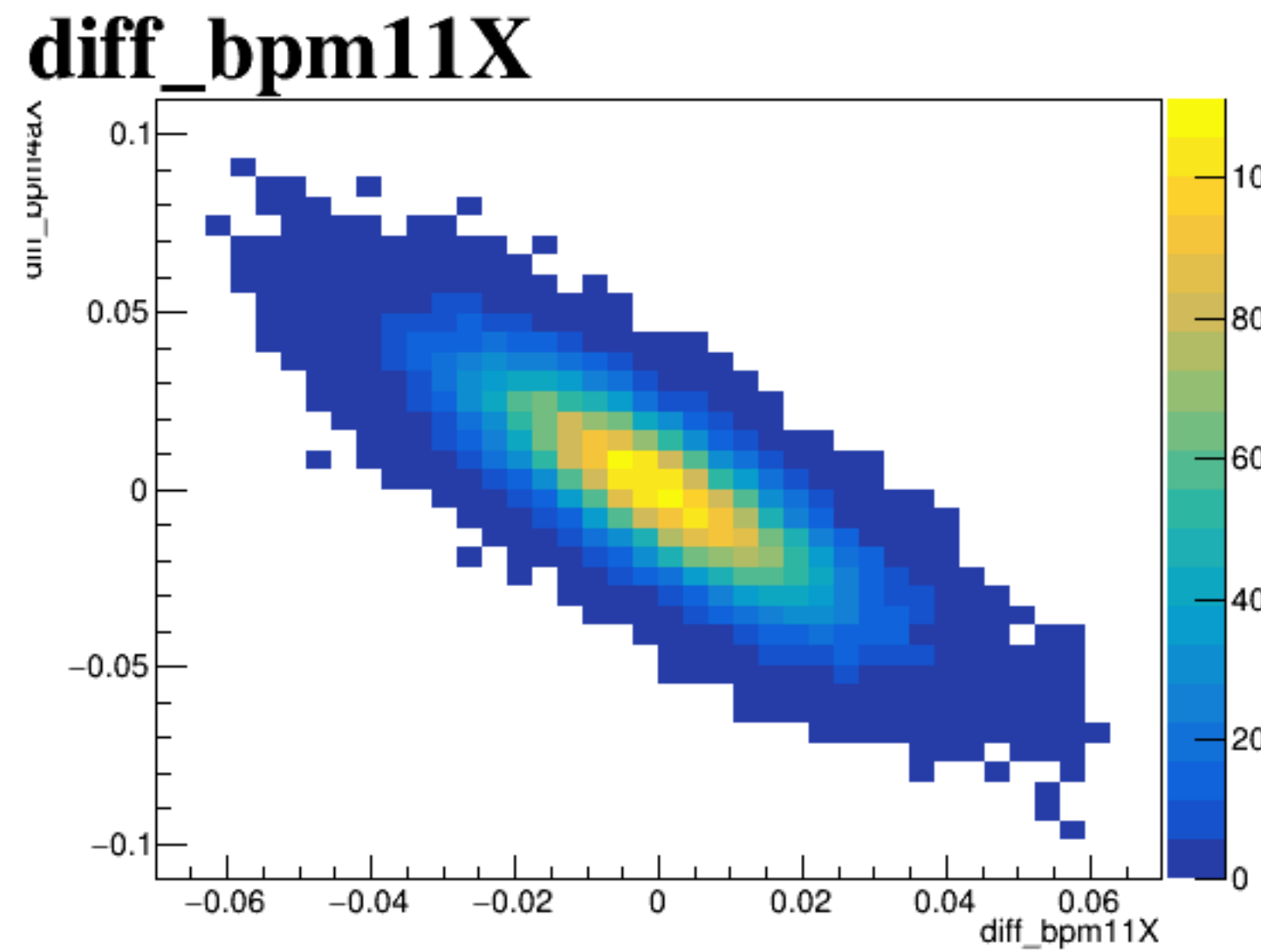
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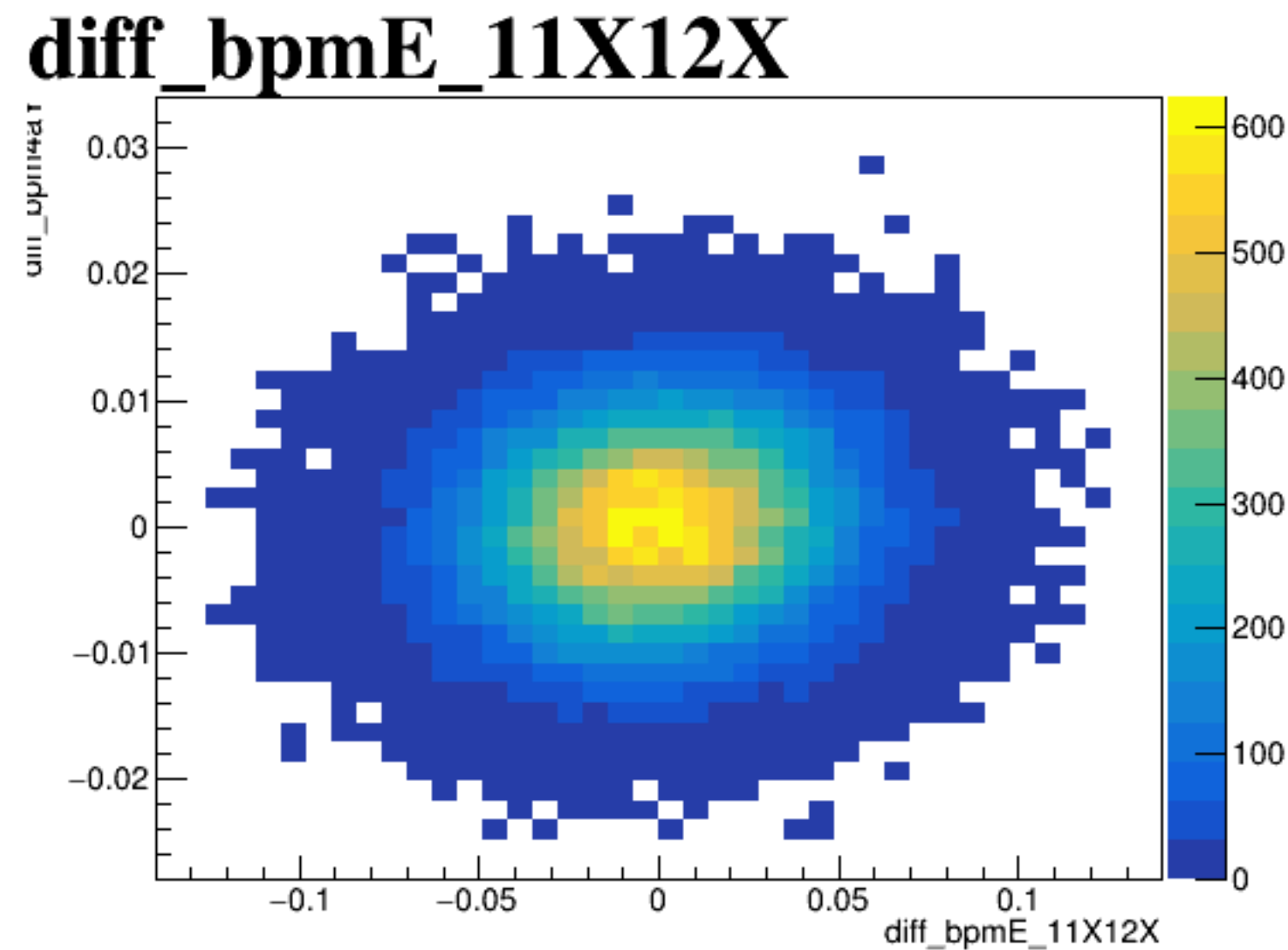
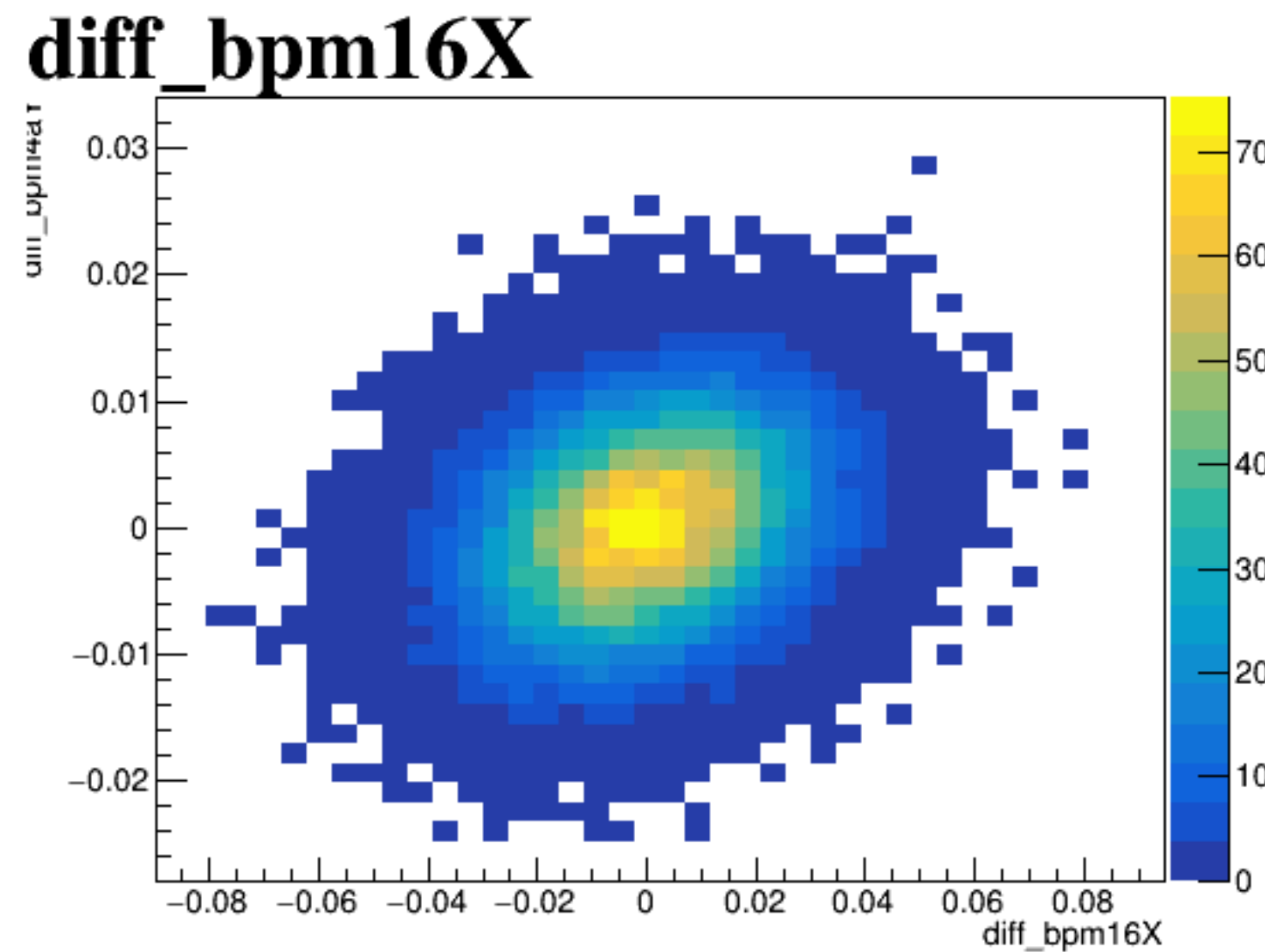
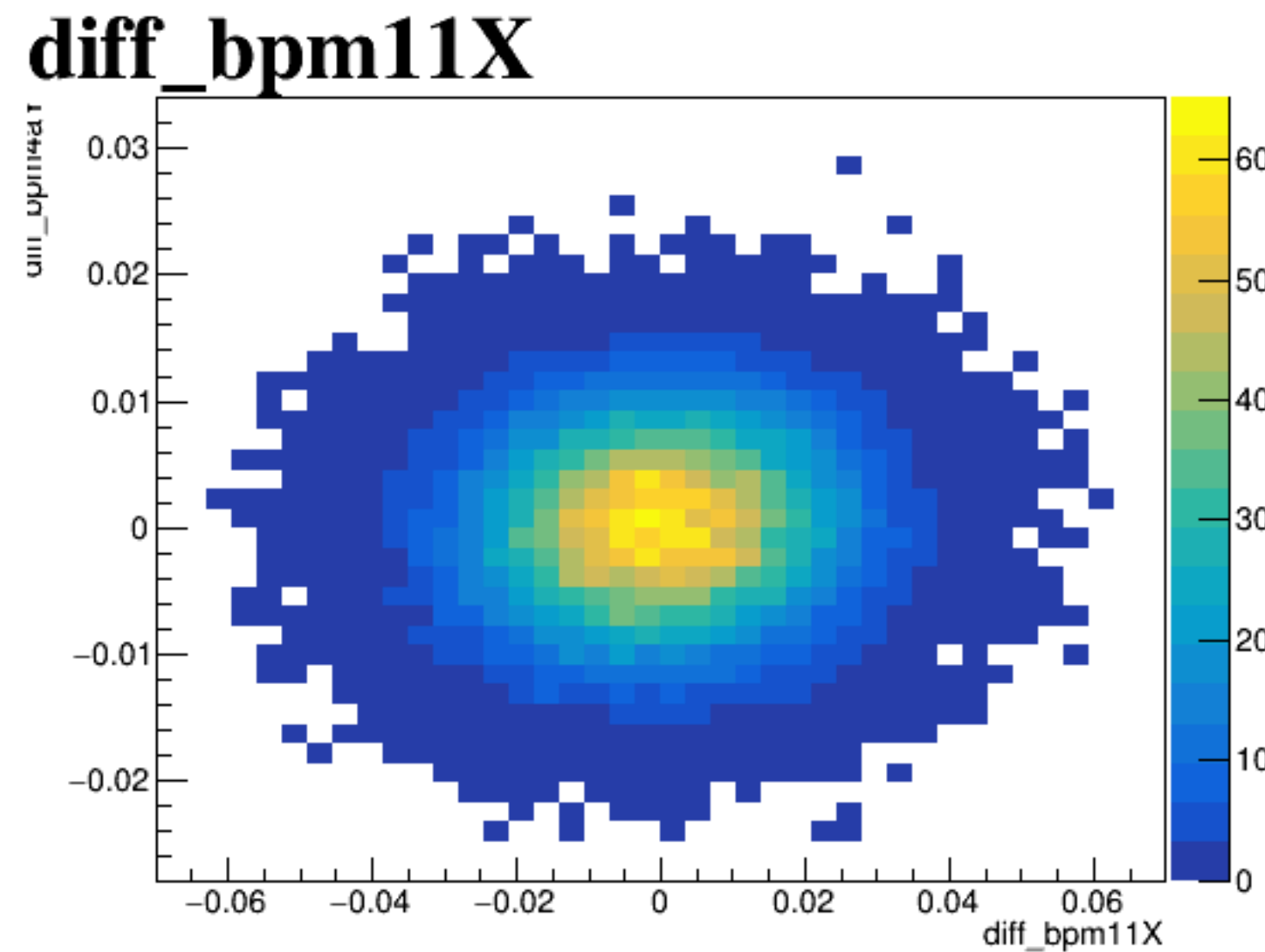


A scatter plot showing the relationship between two variables, both labeled 'diff_bpm1Y'. The x-axis and y-axis both range from -0.1 to 0.1, with major tick marks every 0.02 units. The plot is filled with a dense cloud of black points, indicating a very strong positive correlation. The points are most concentrated along the diagonal line where the two variables are equal, with a slight spread around it.

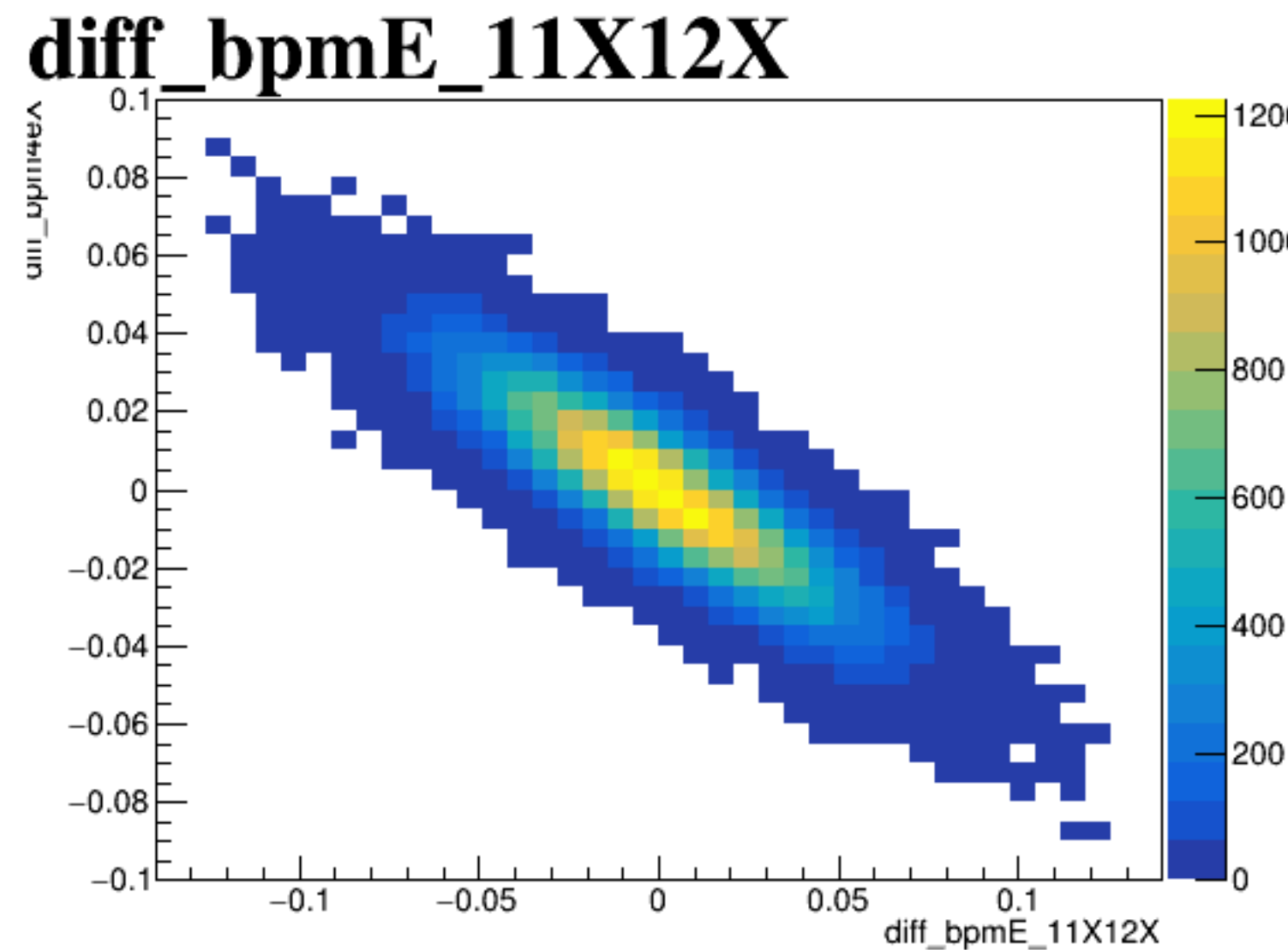
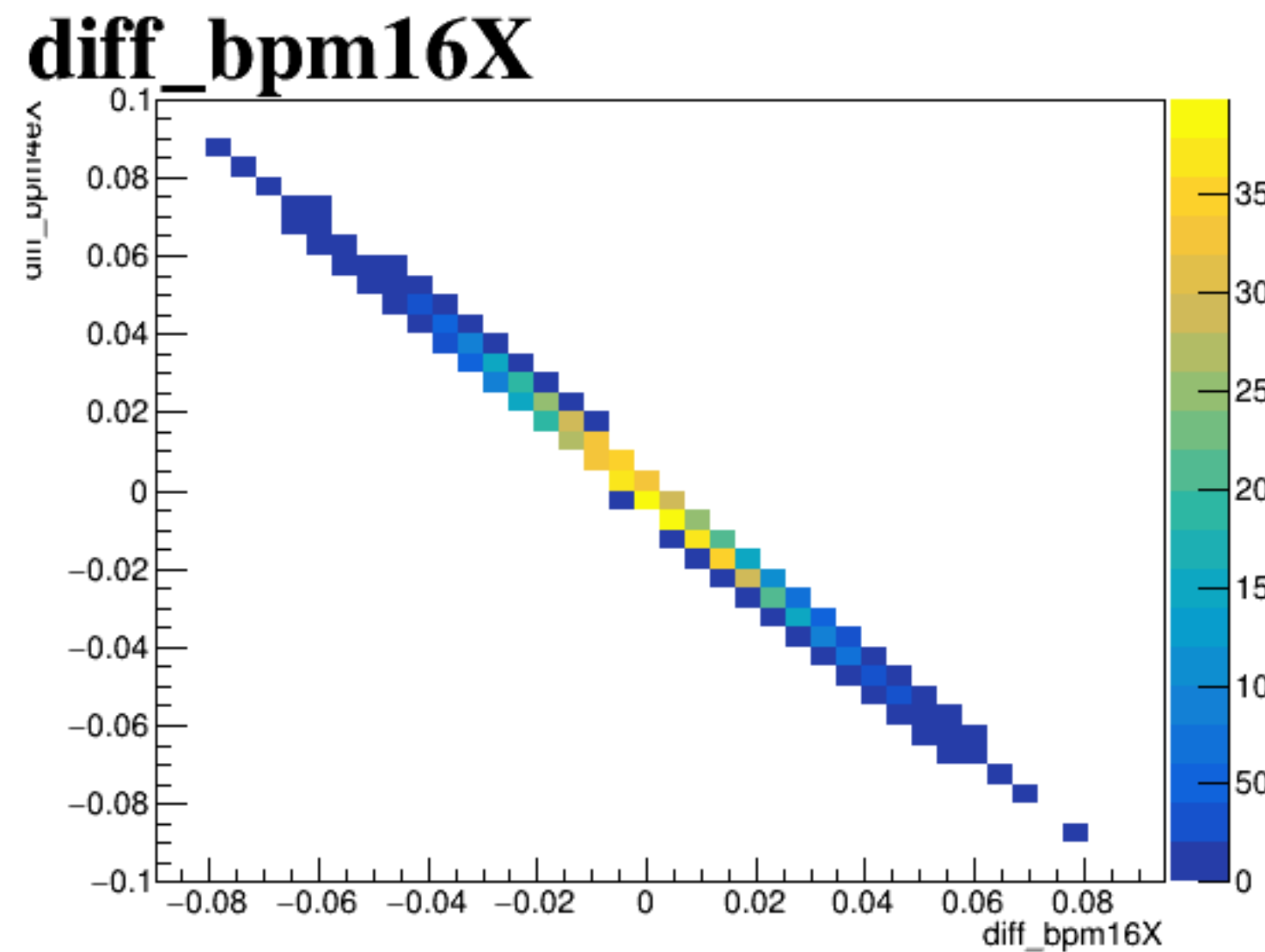
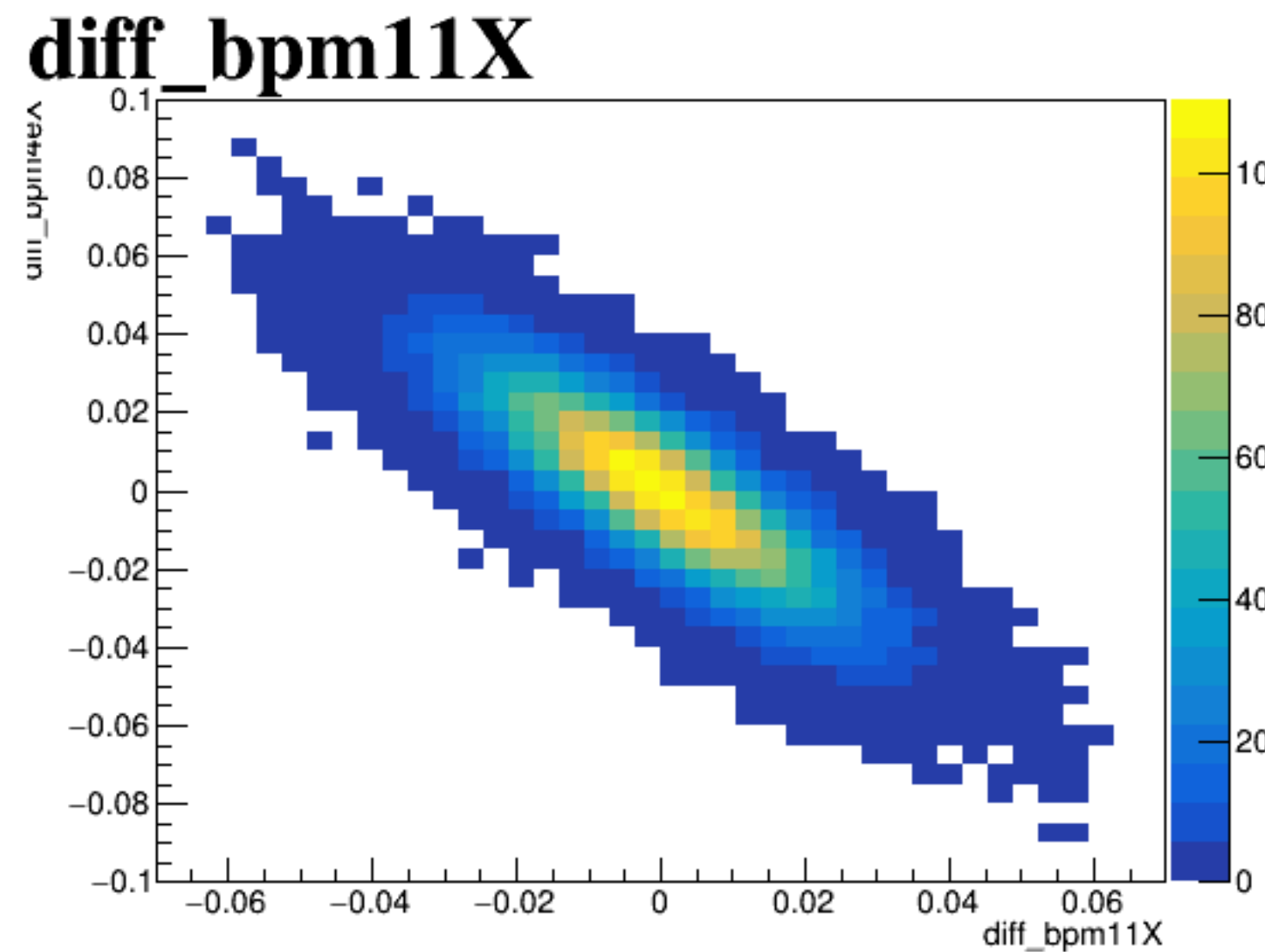
diff_bpm4aX



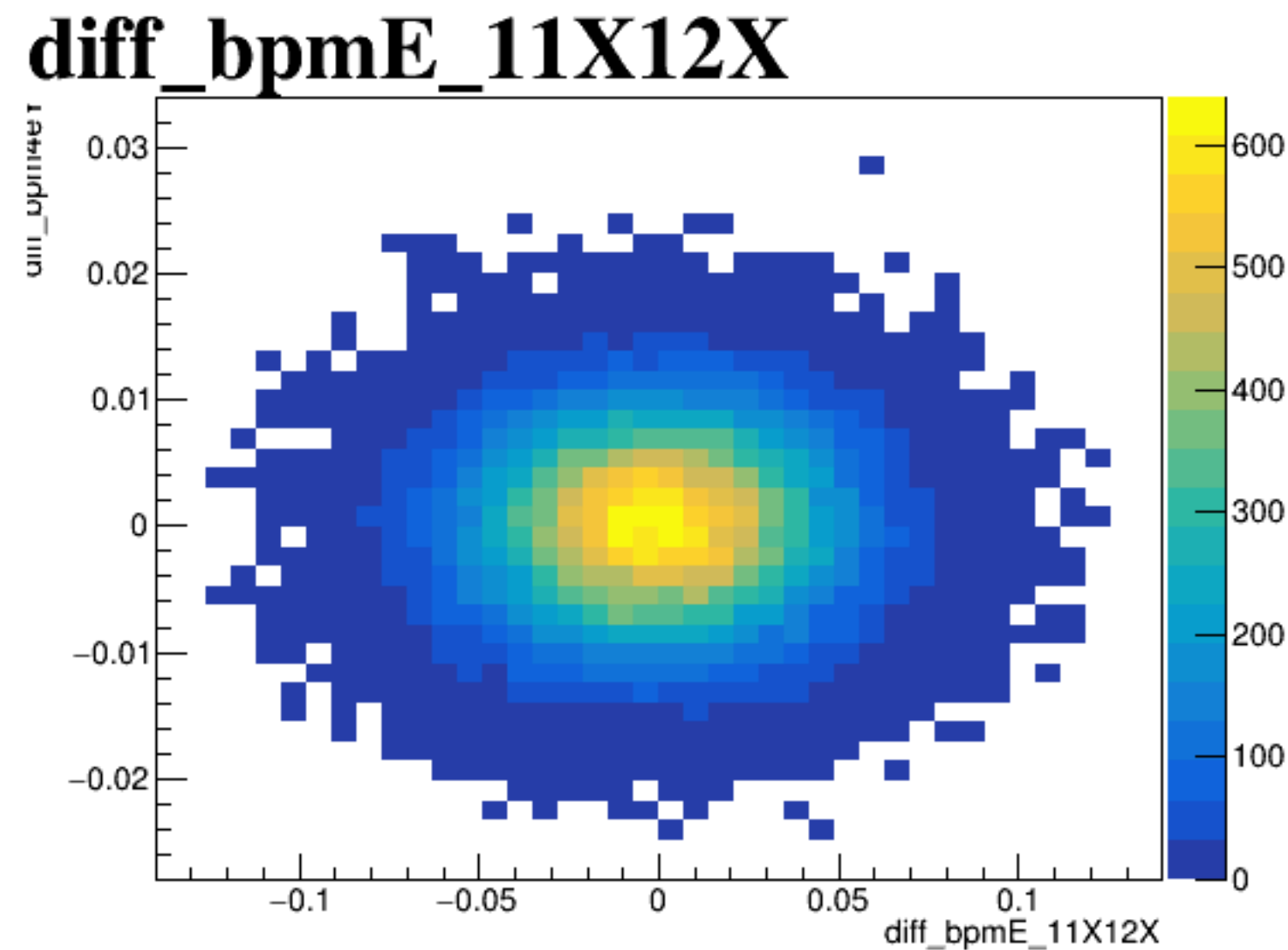
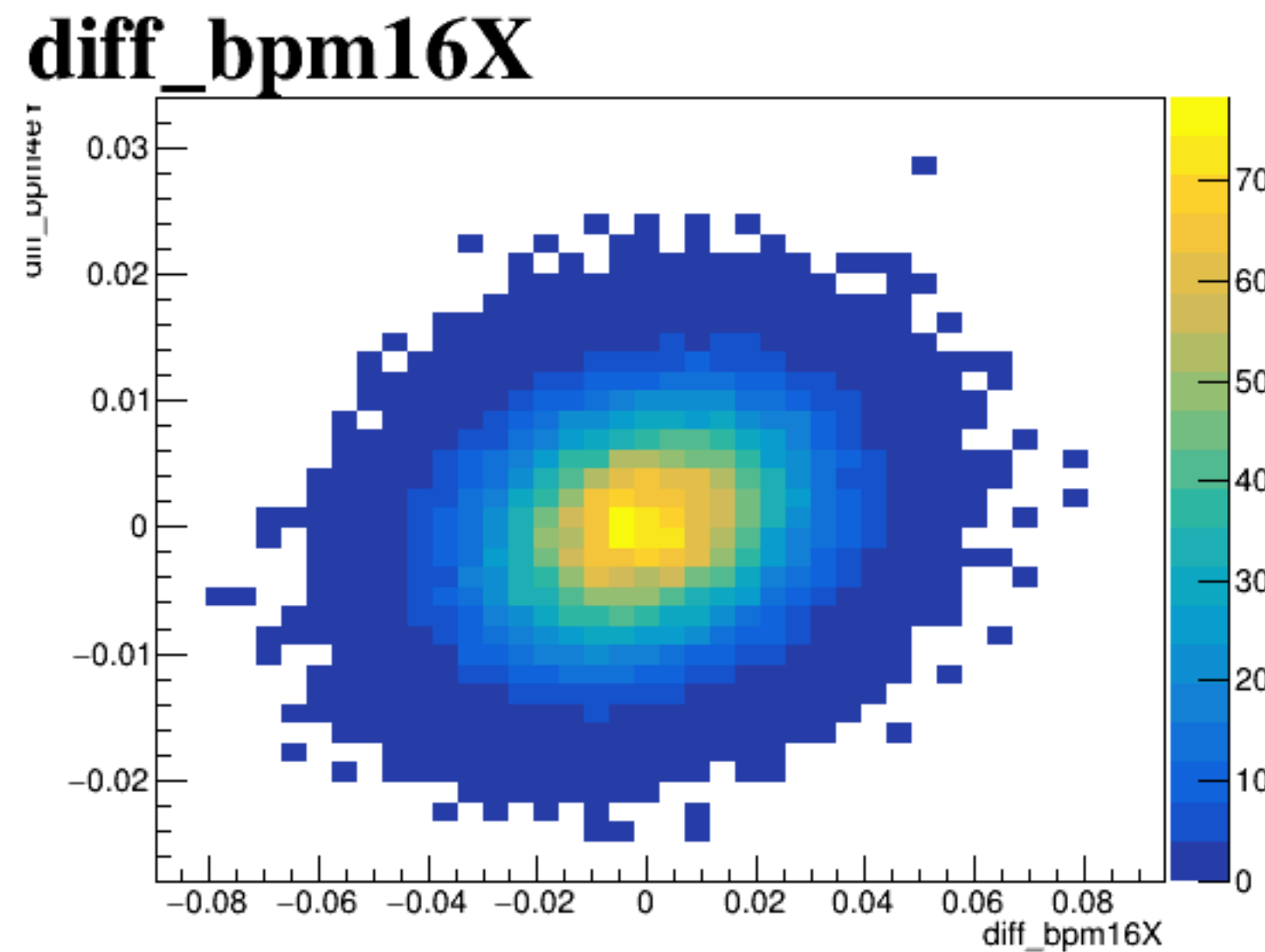
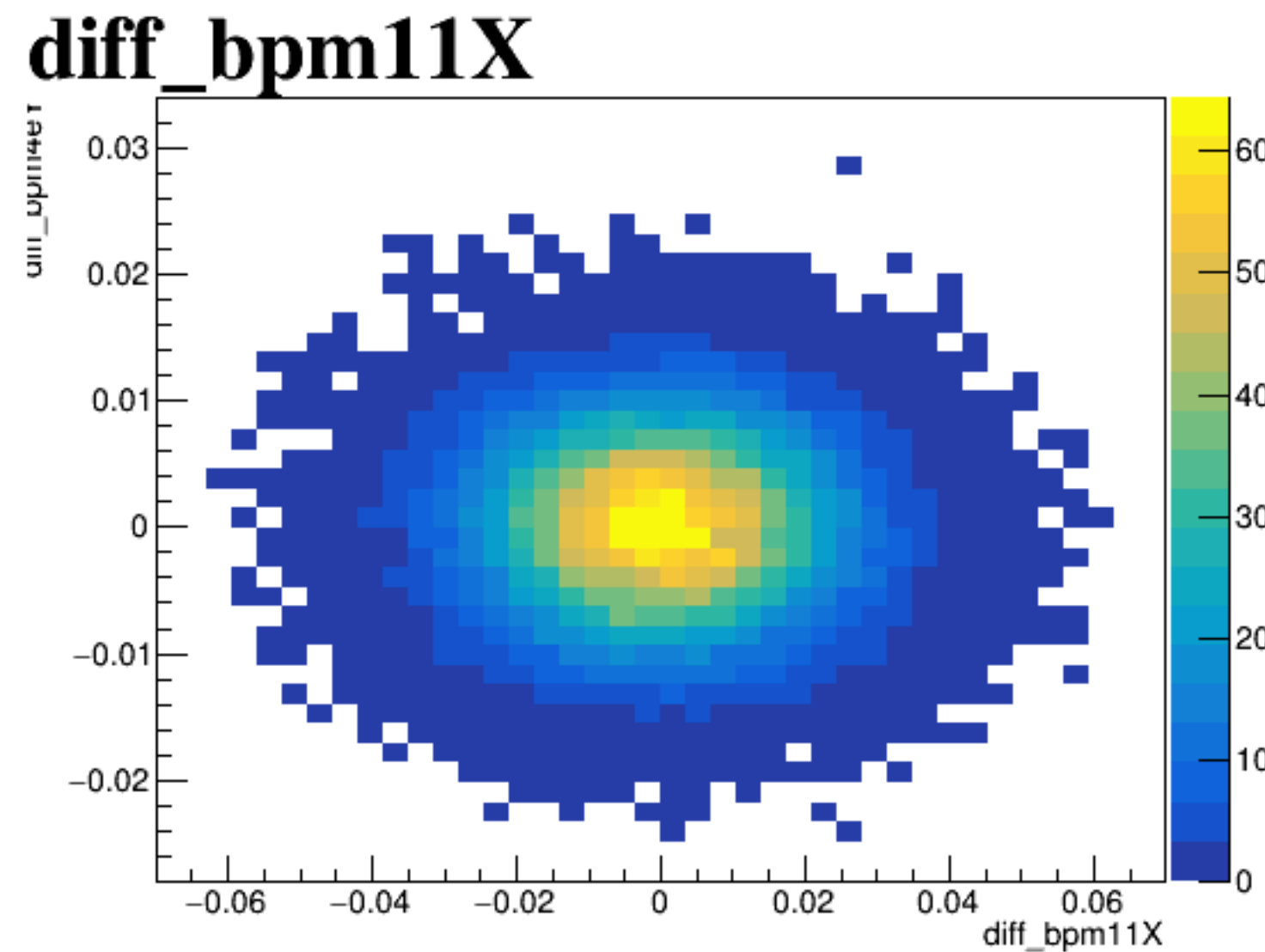
diff_bpm4aY



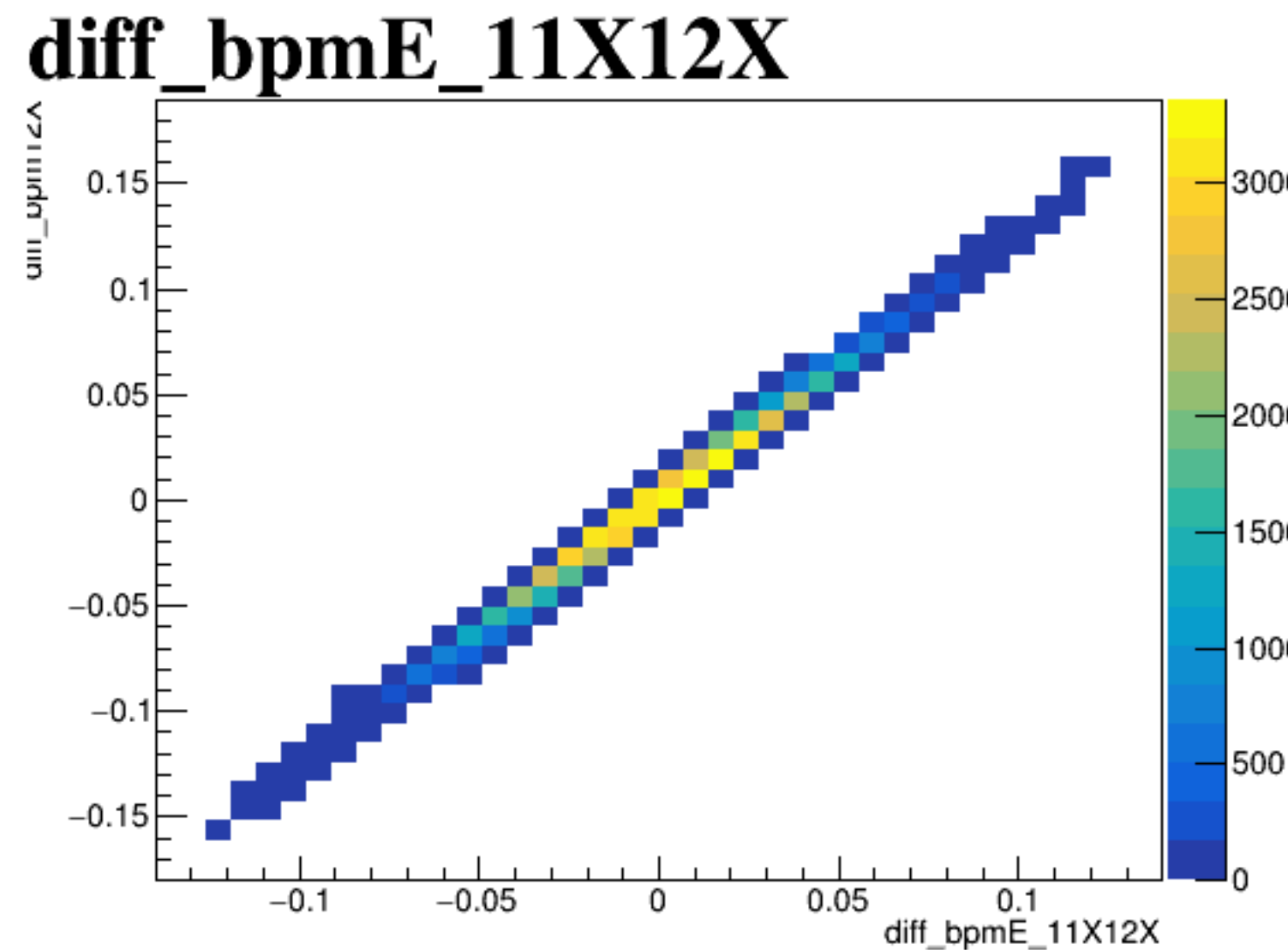
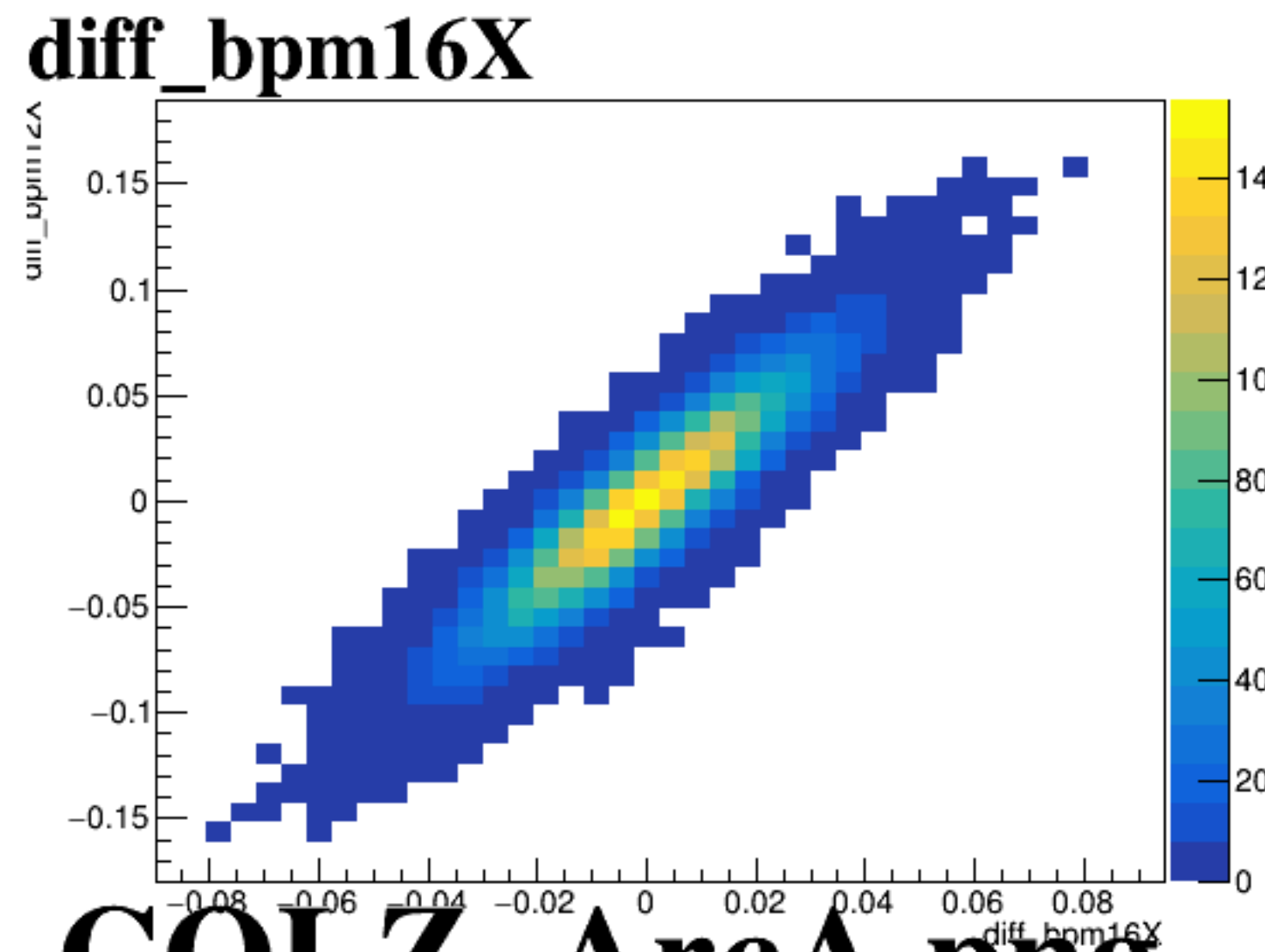
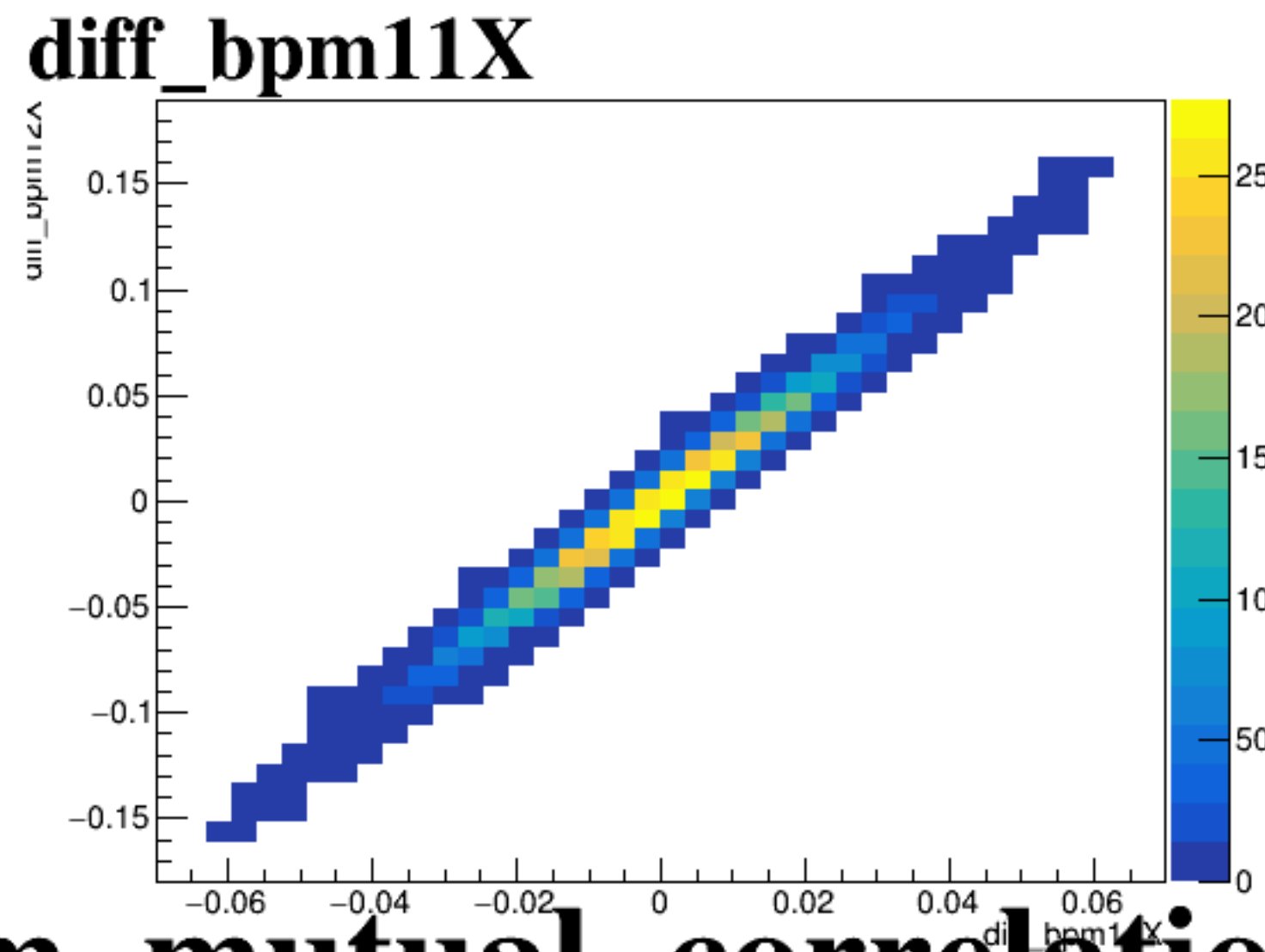
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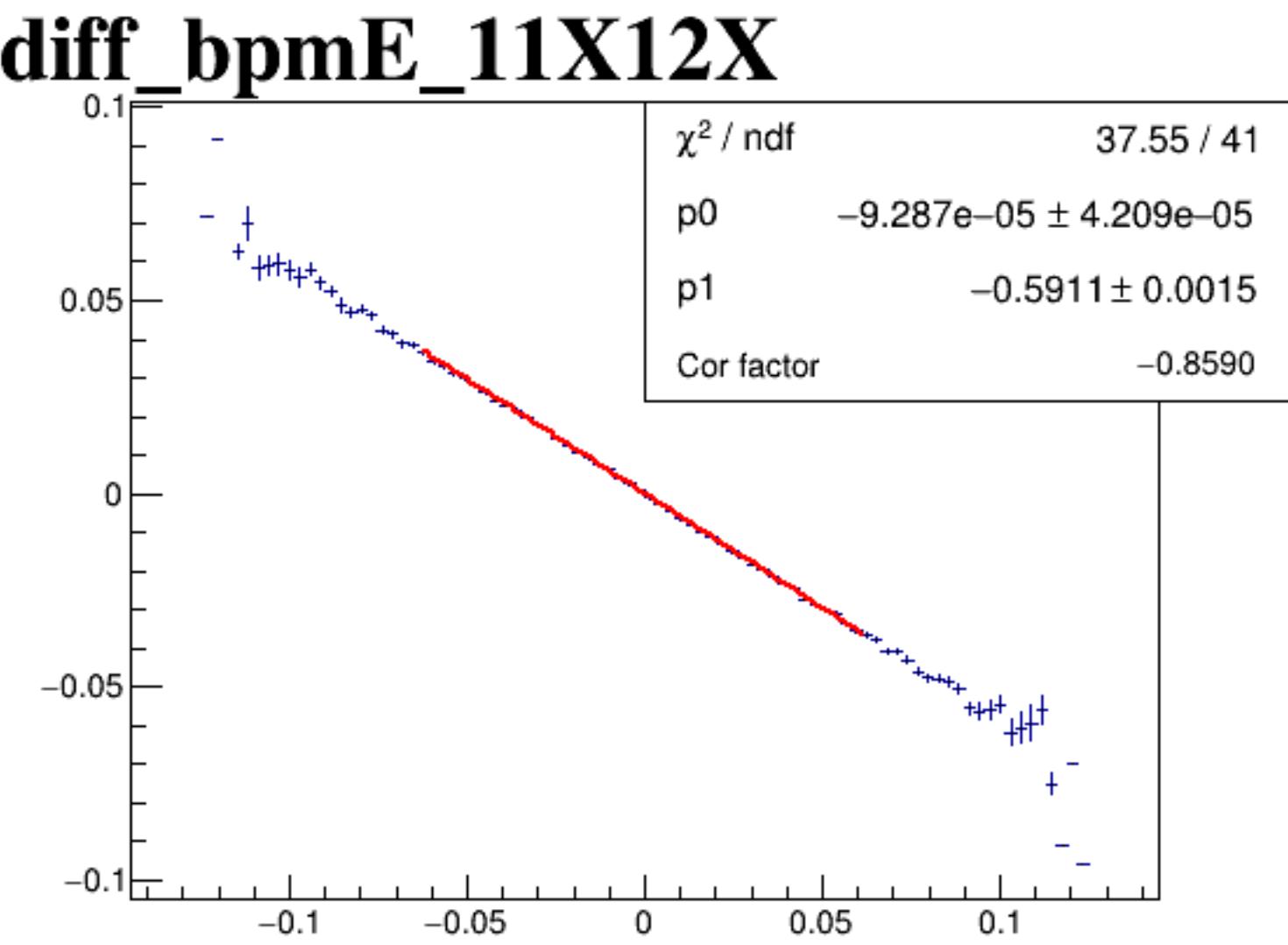
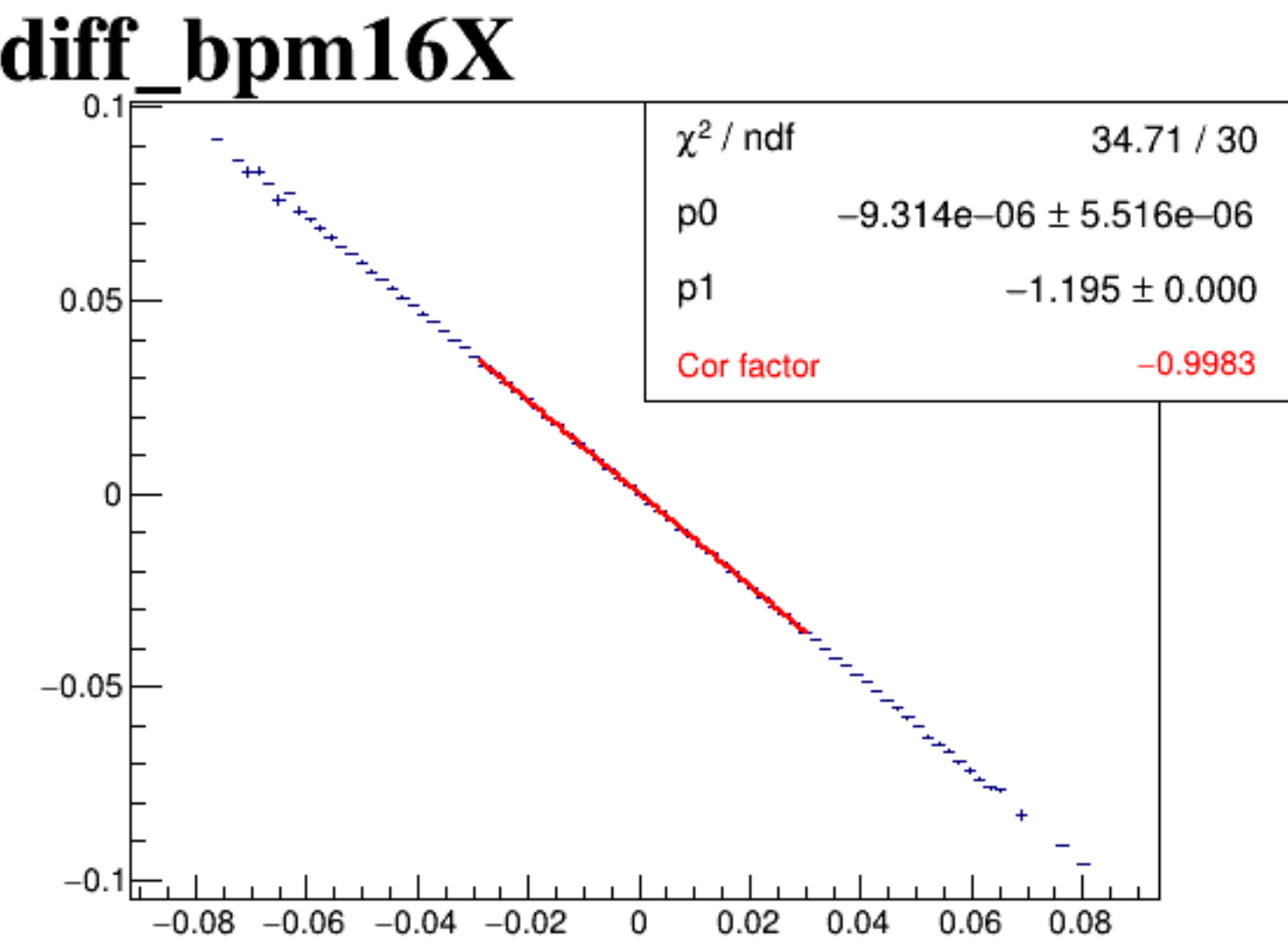
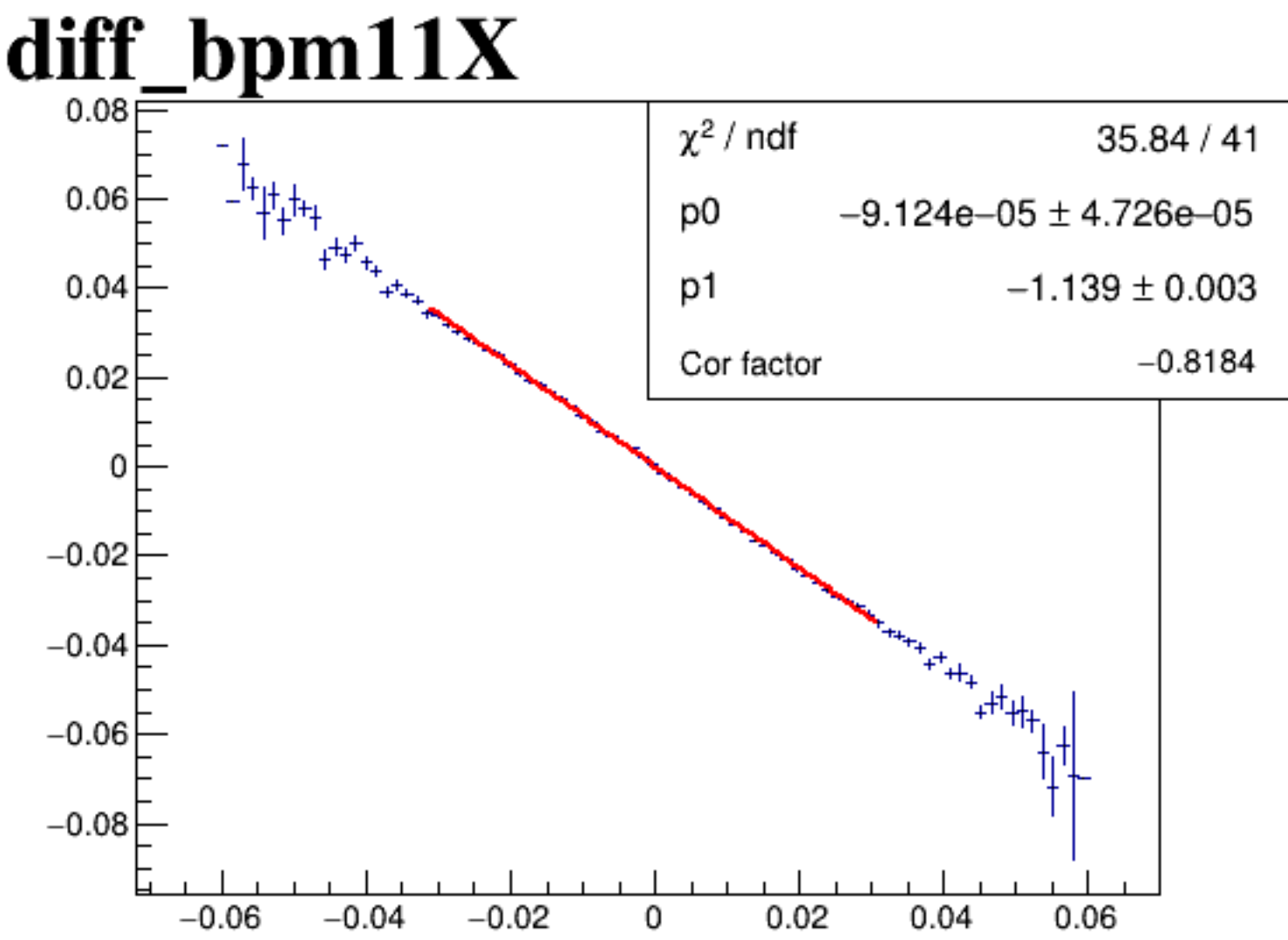
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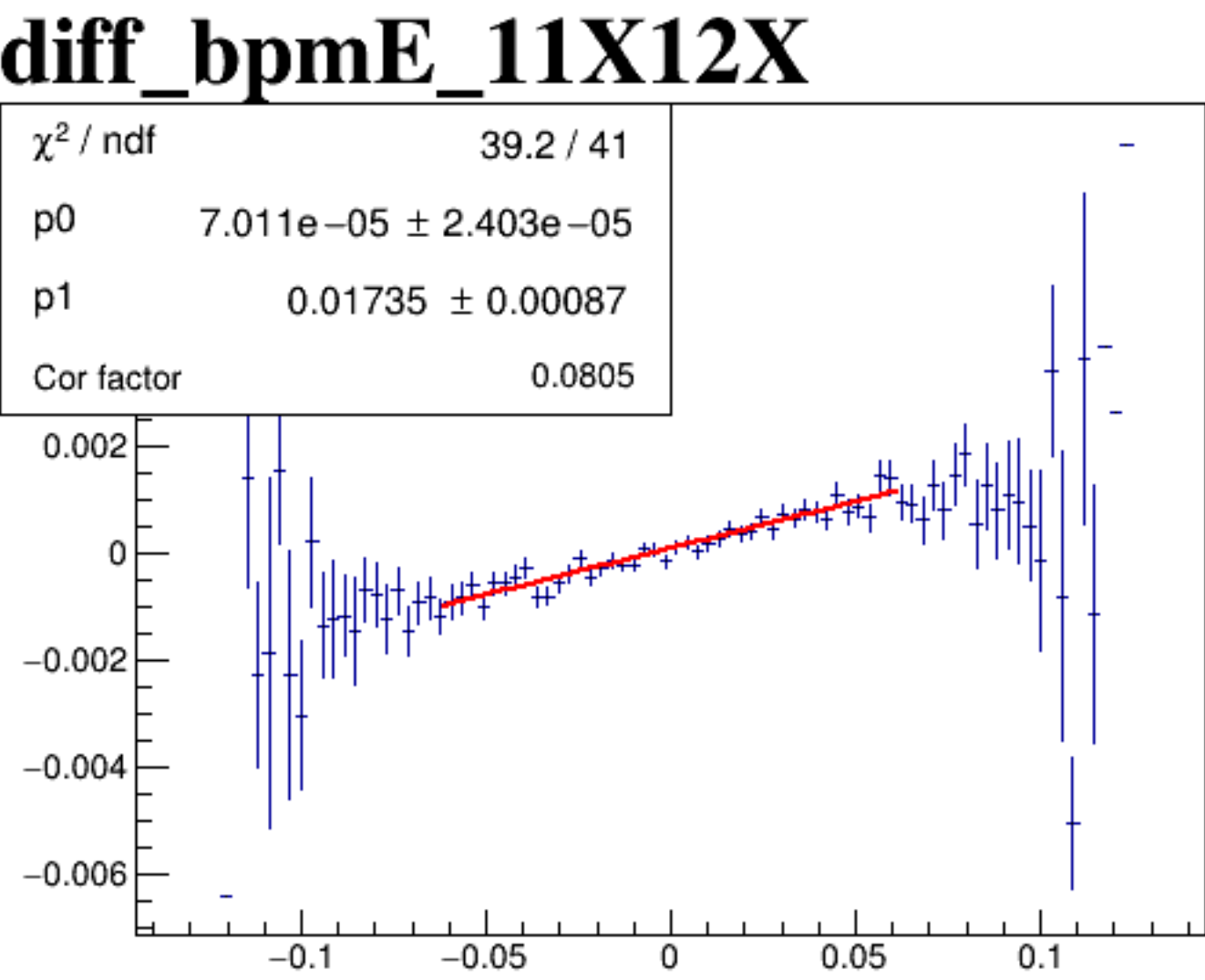
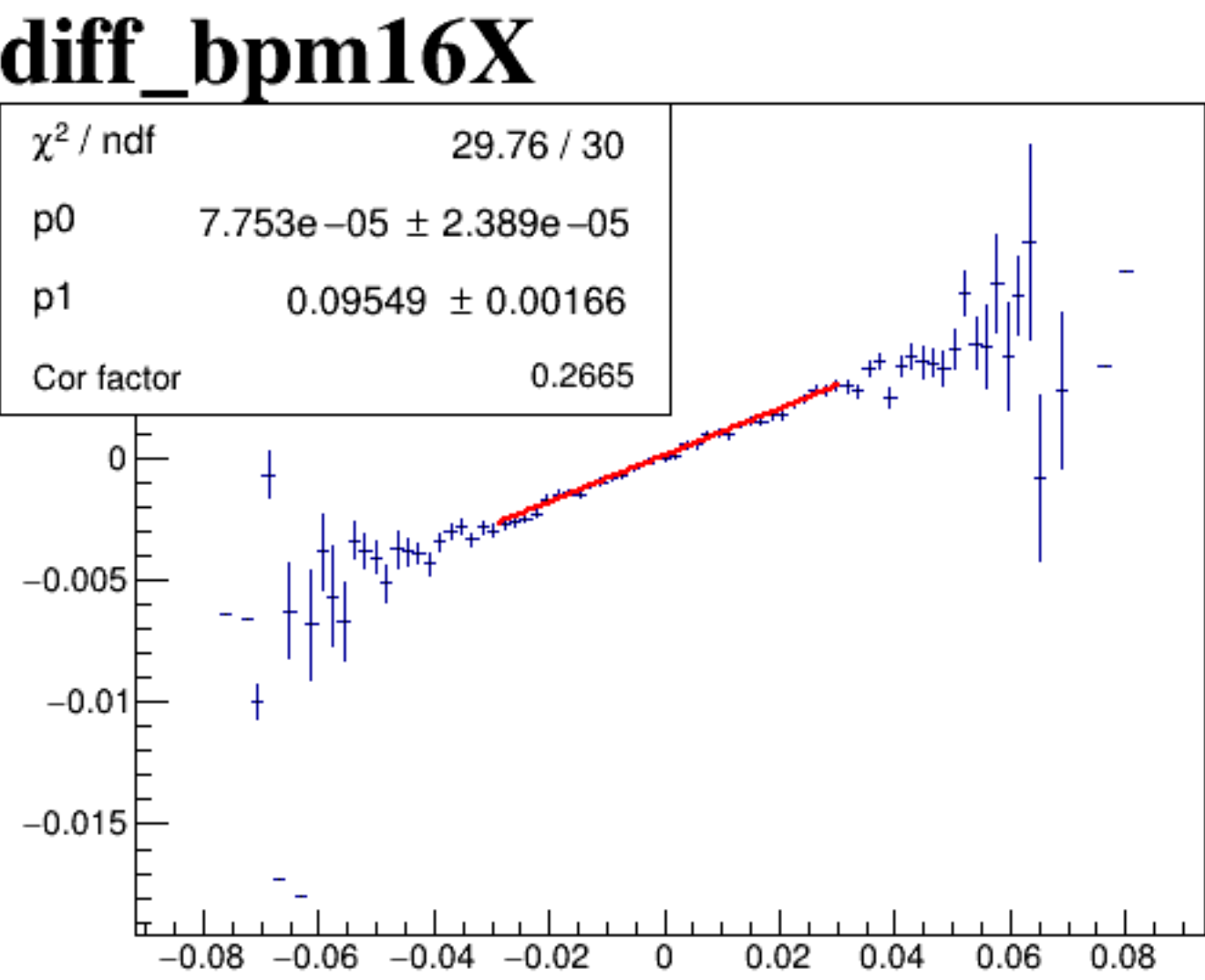
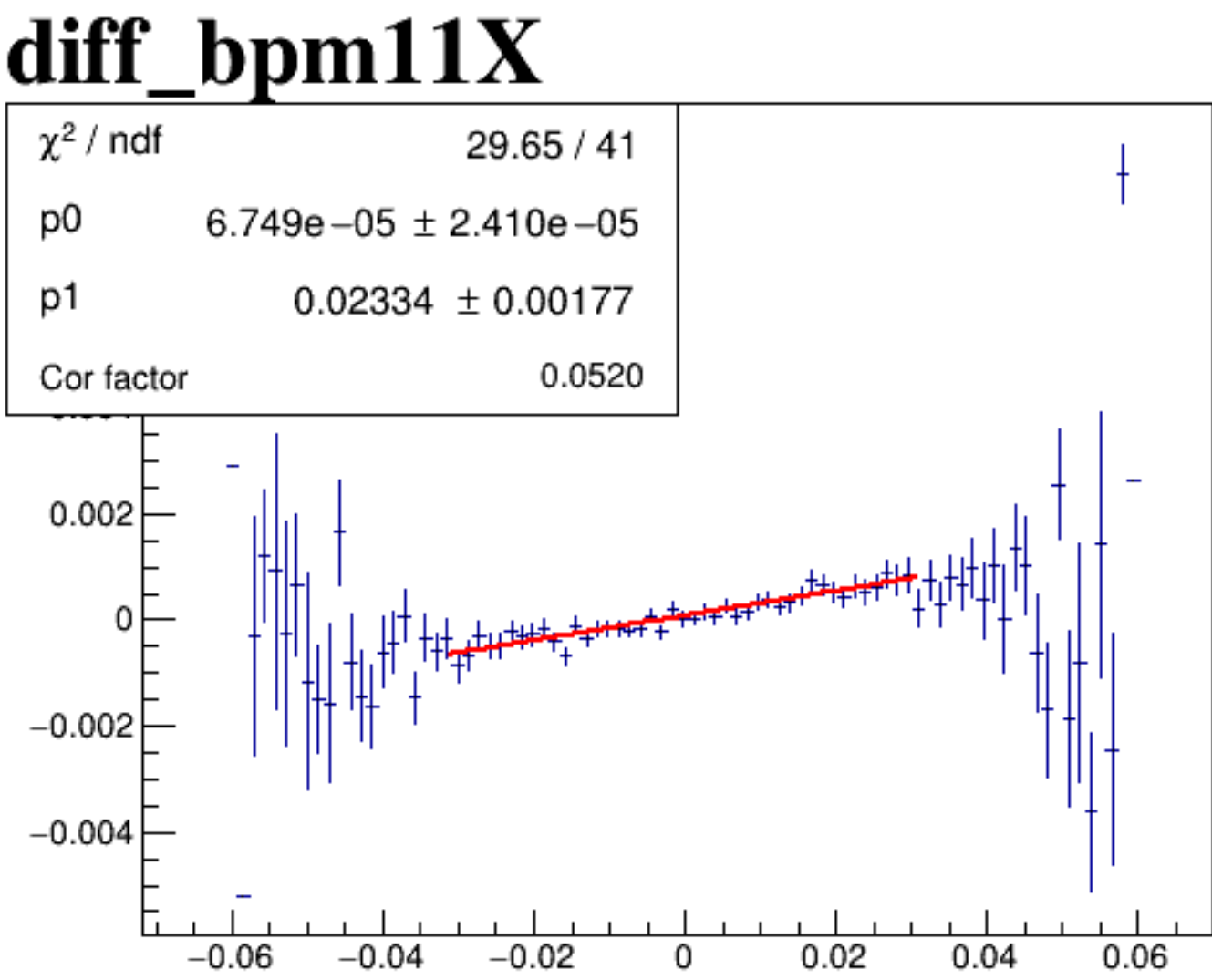
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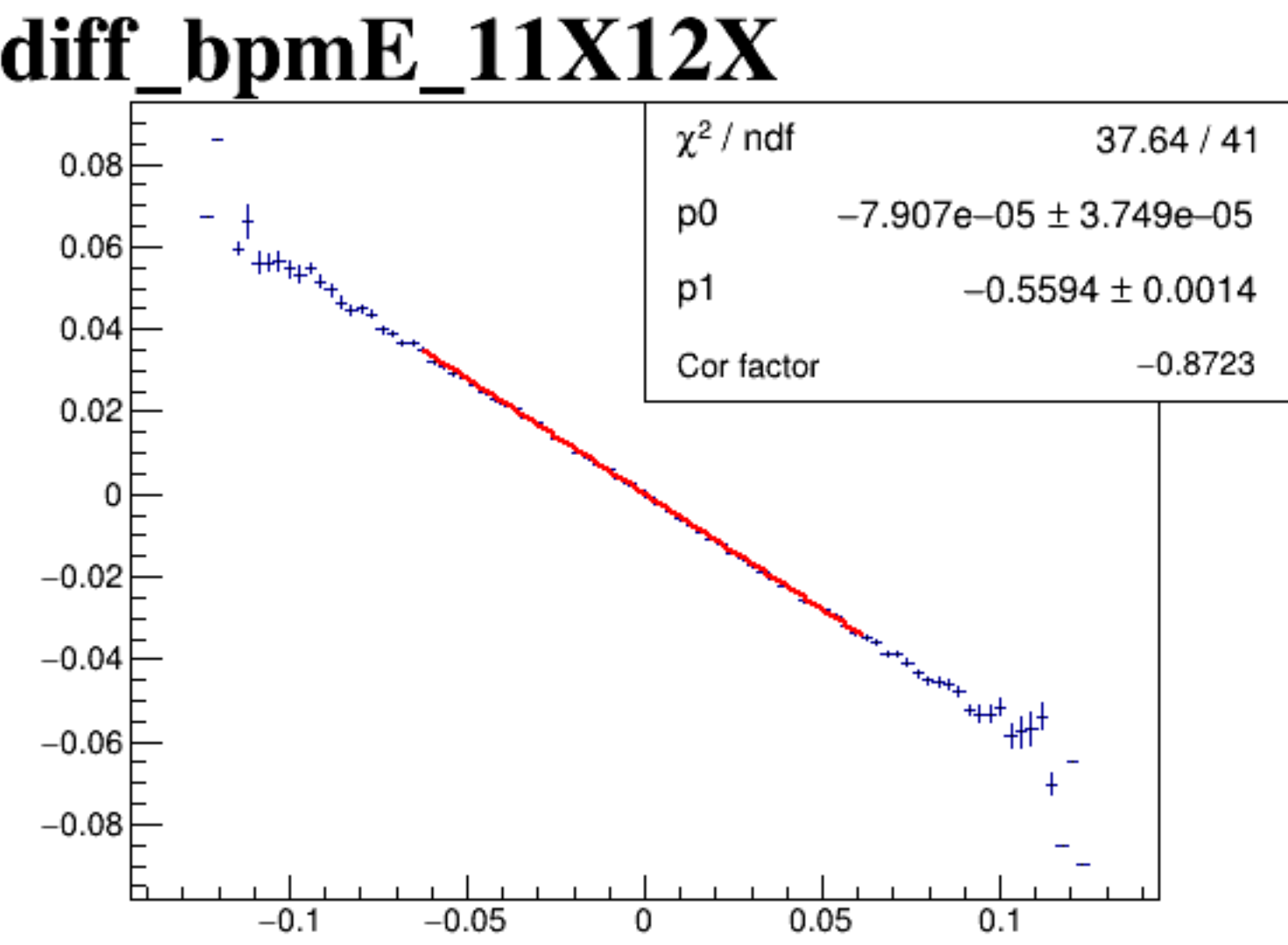
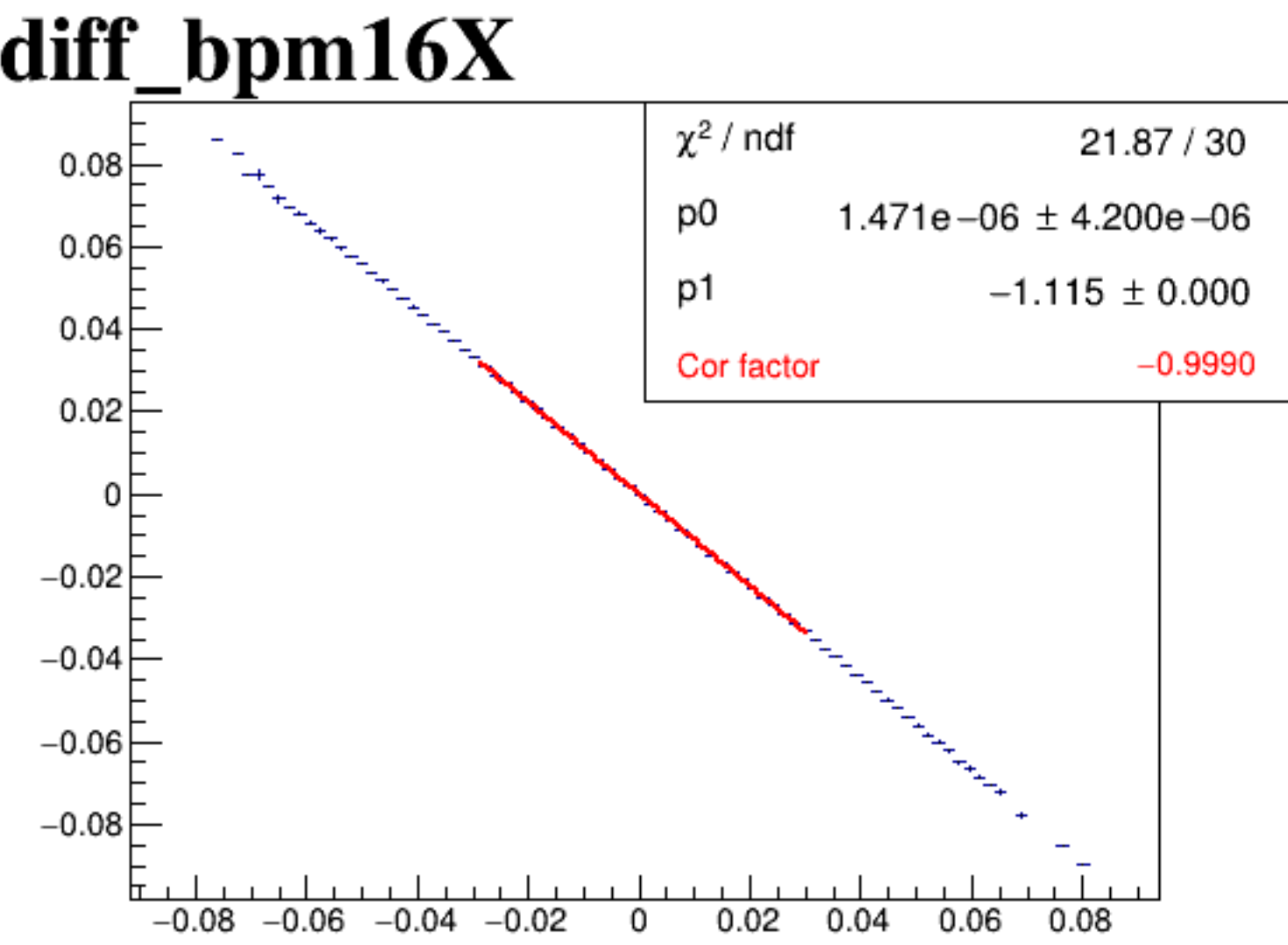
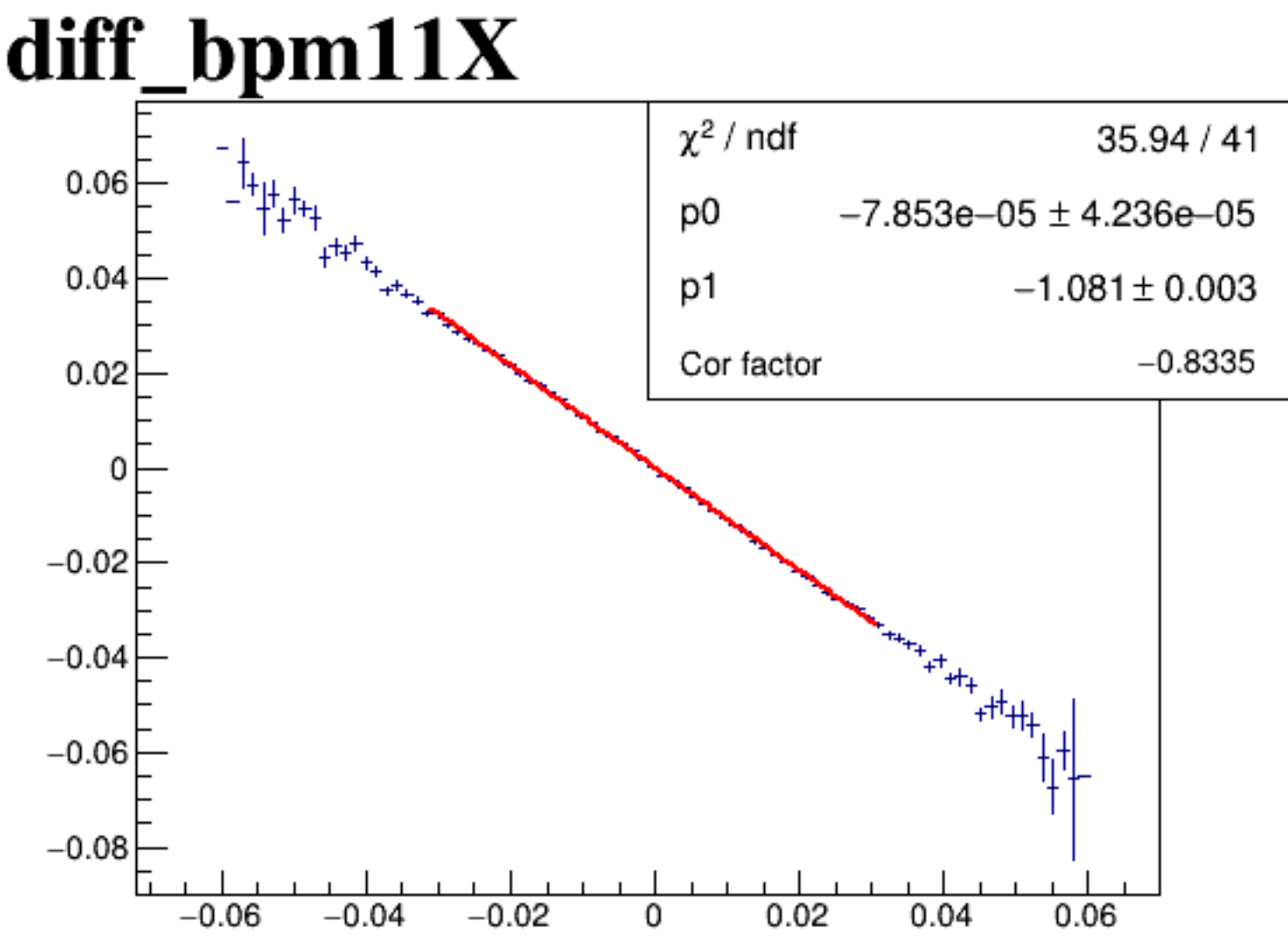
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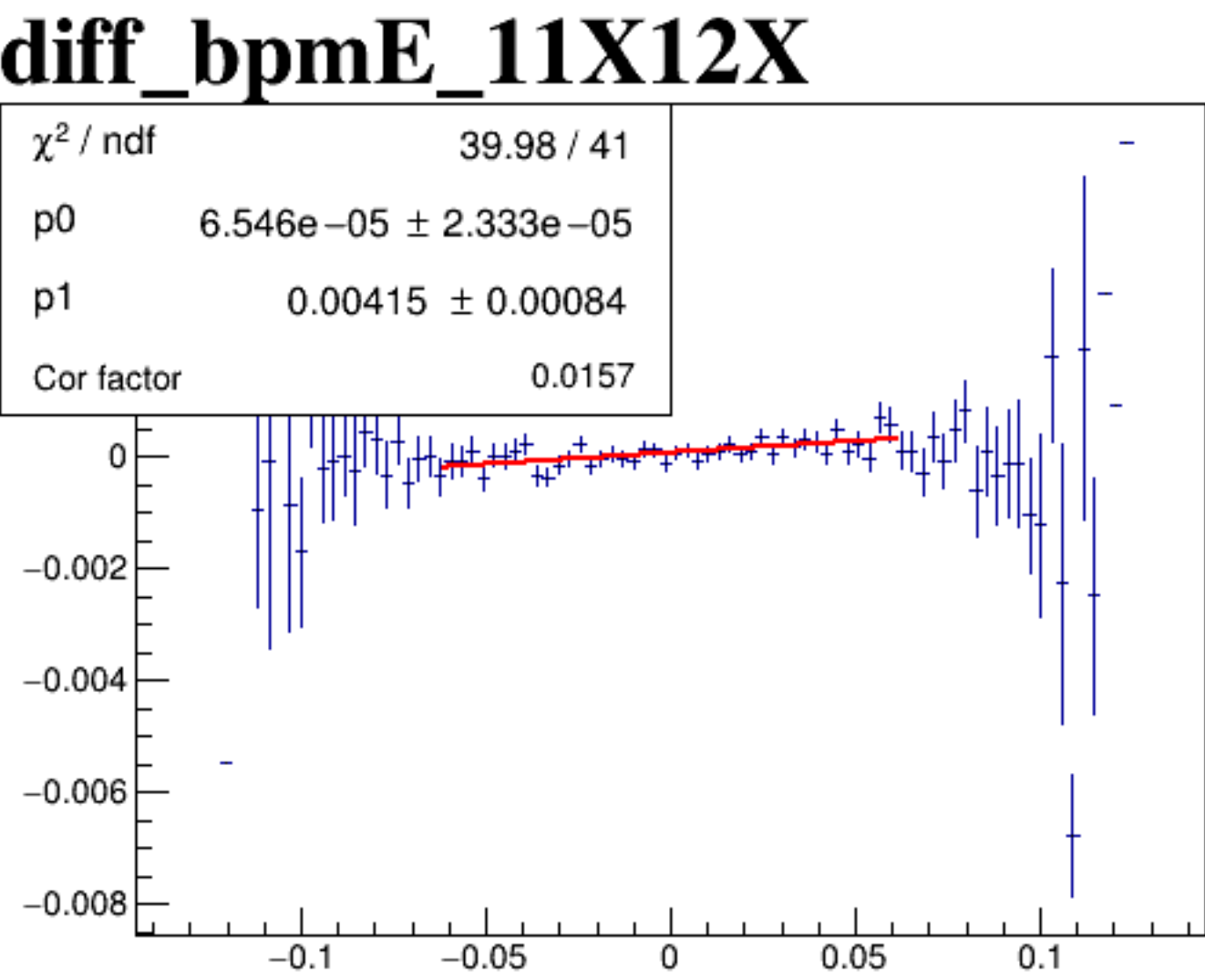
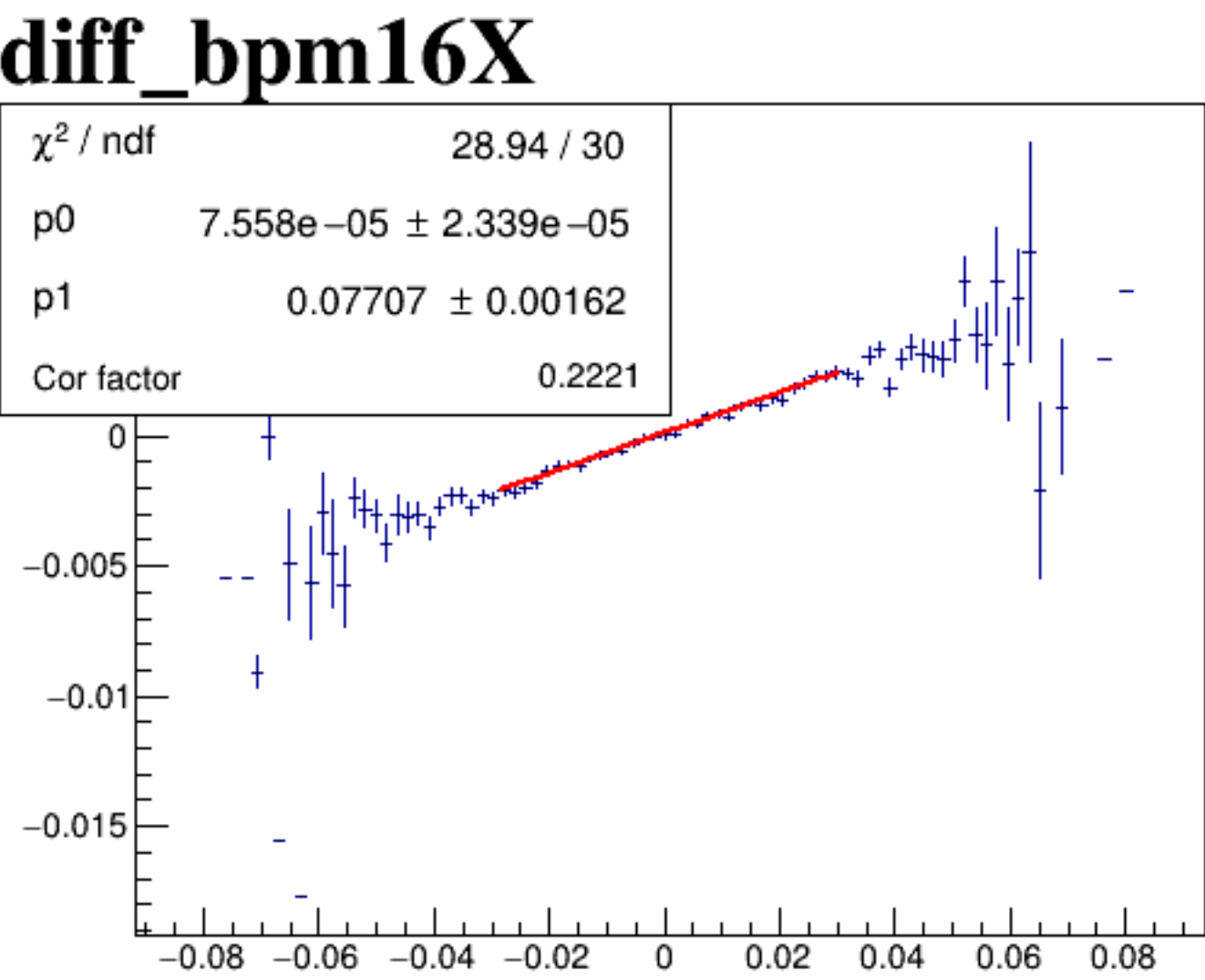
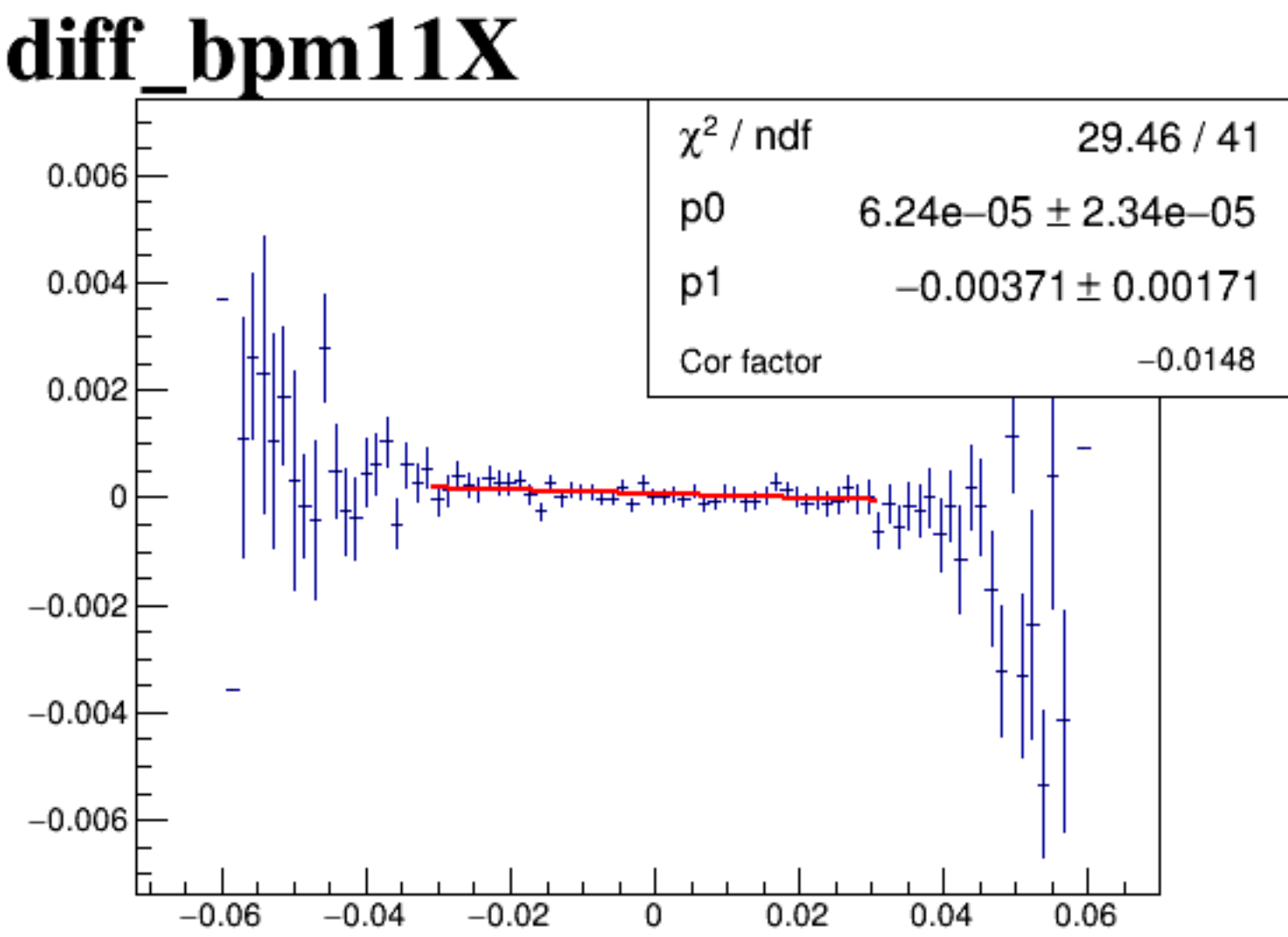
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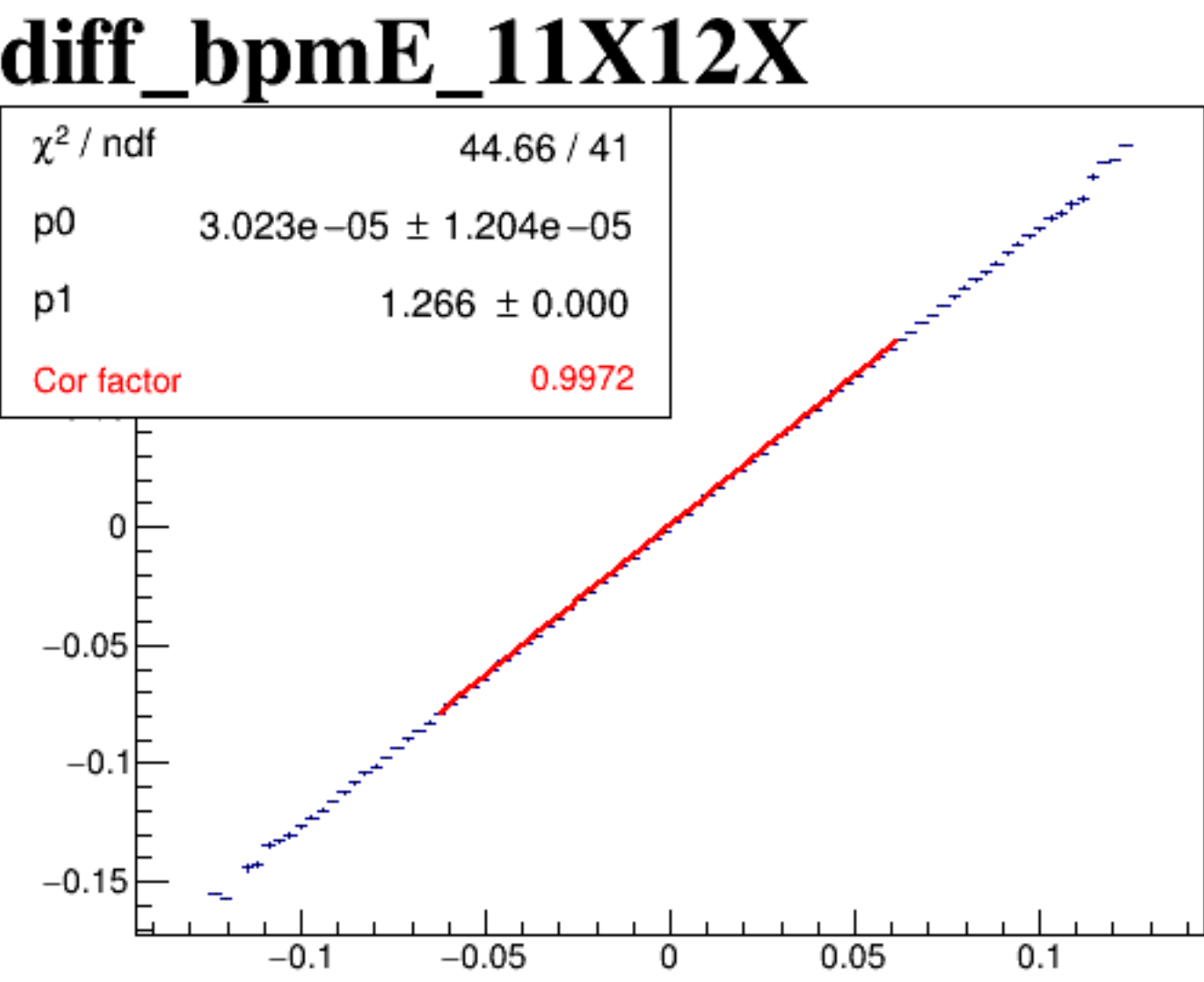
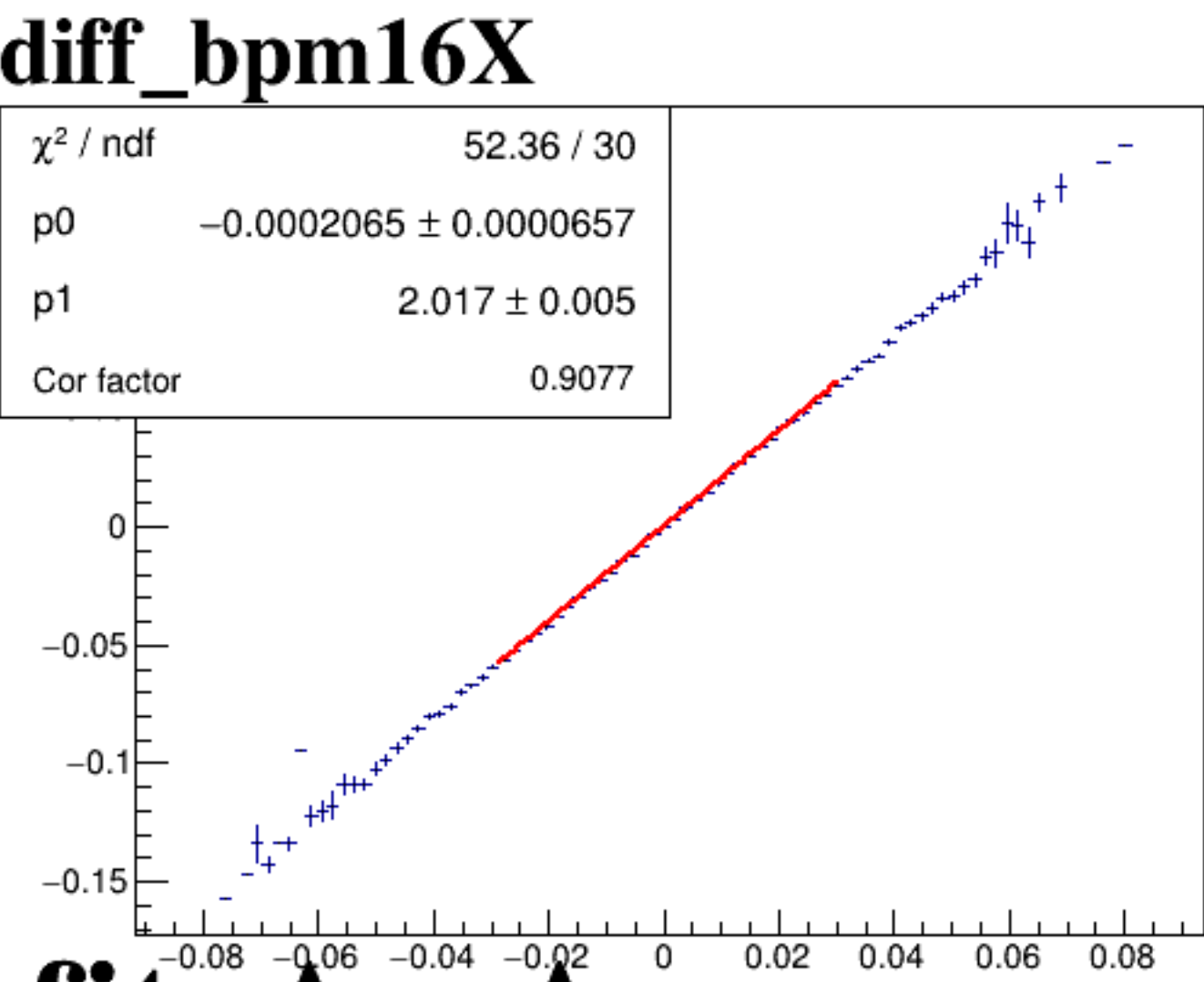
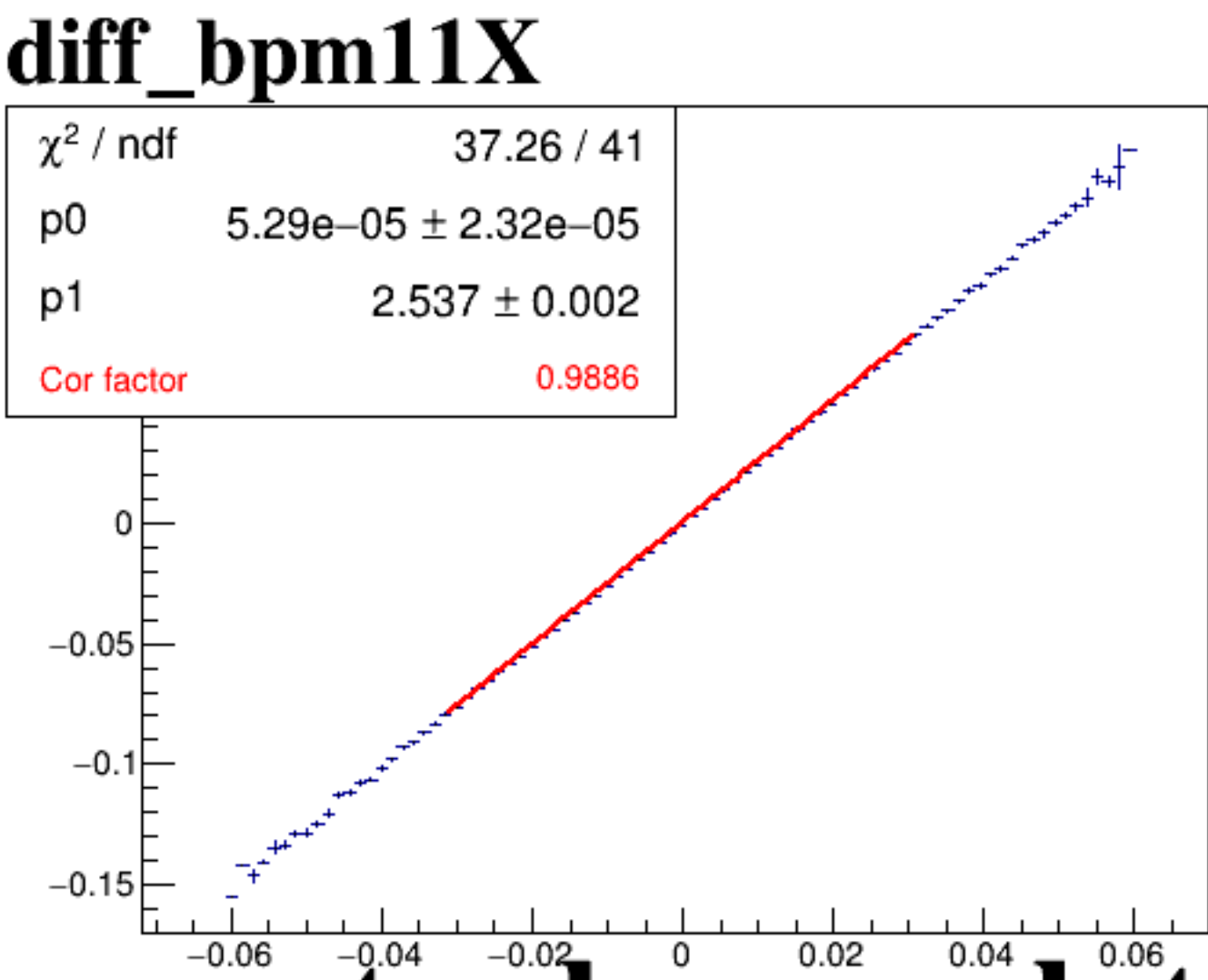
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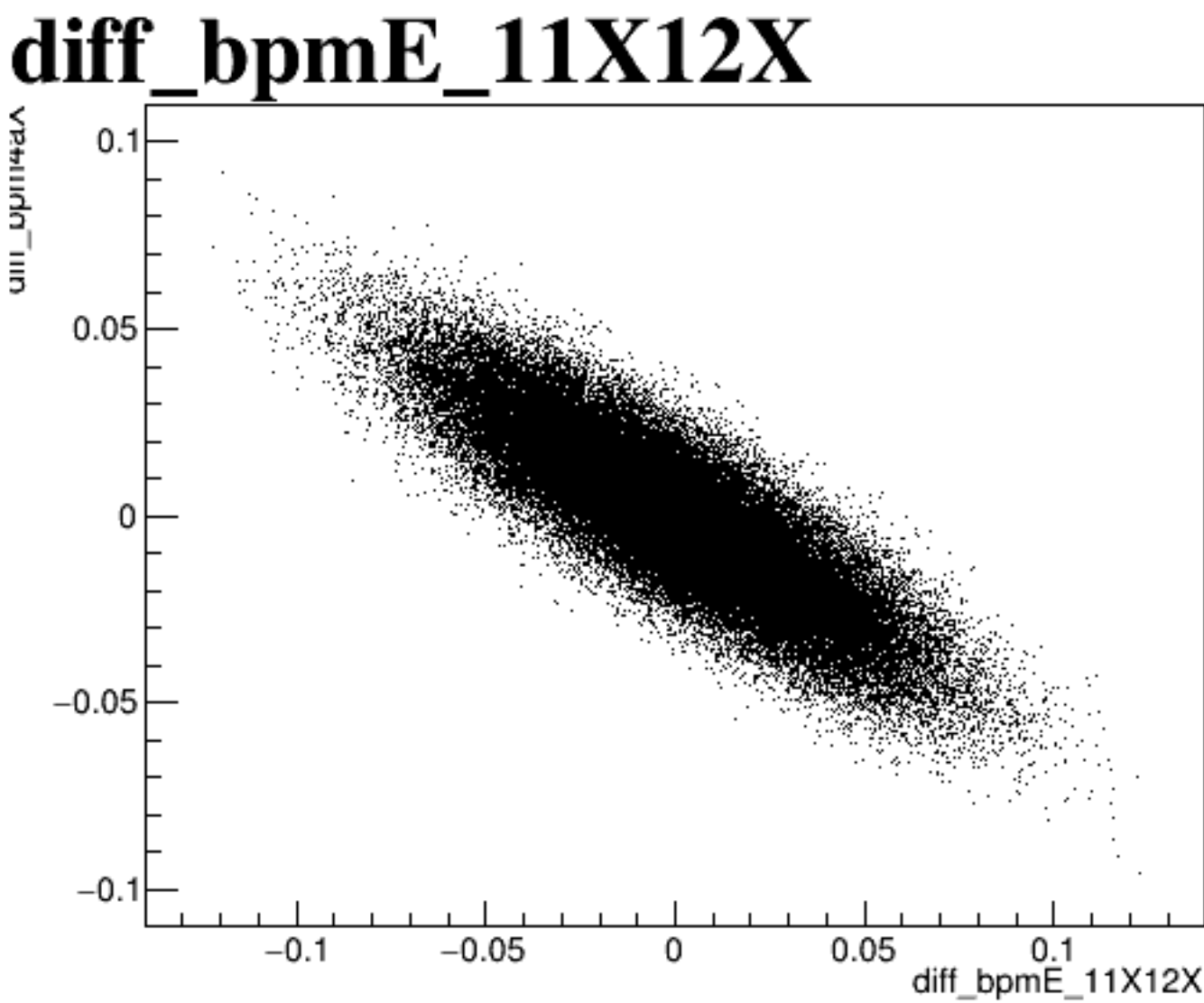
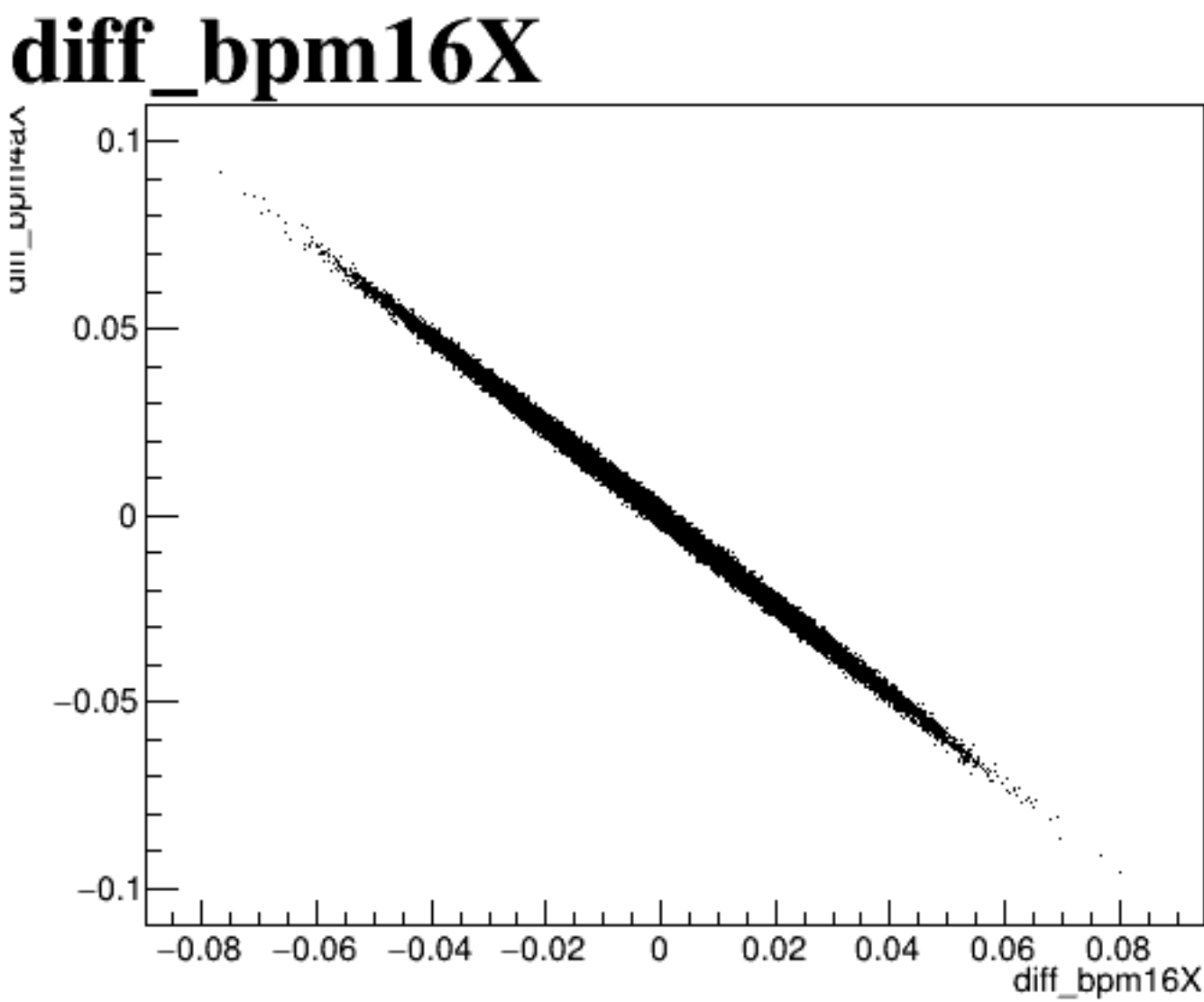
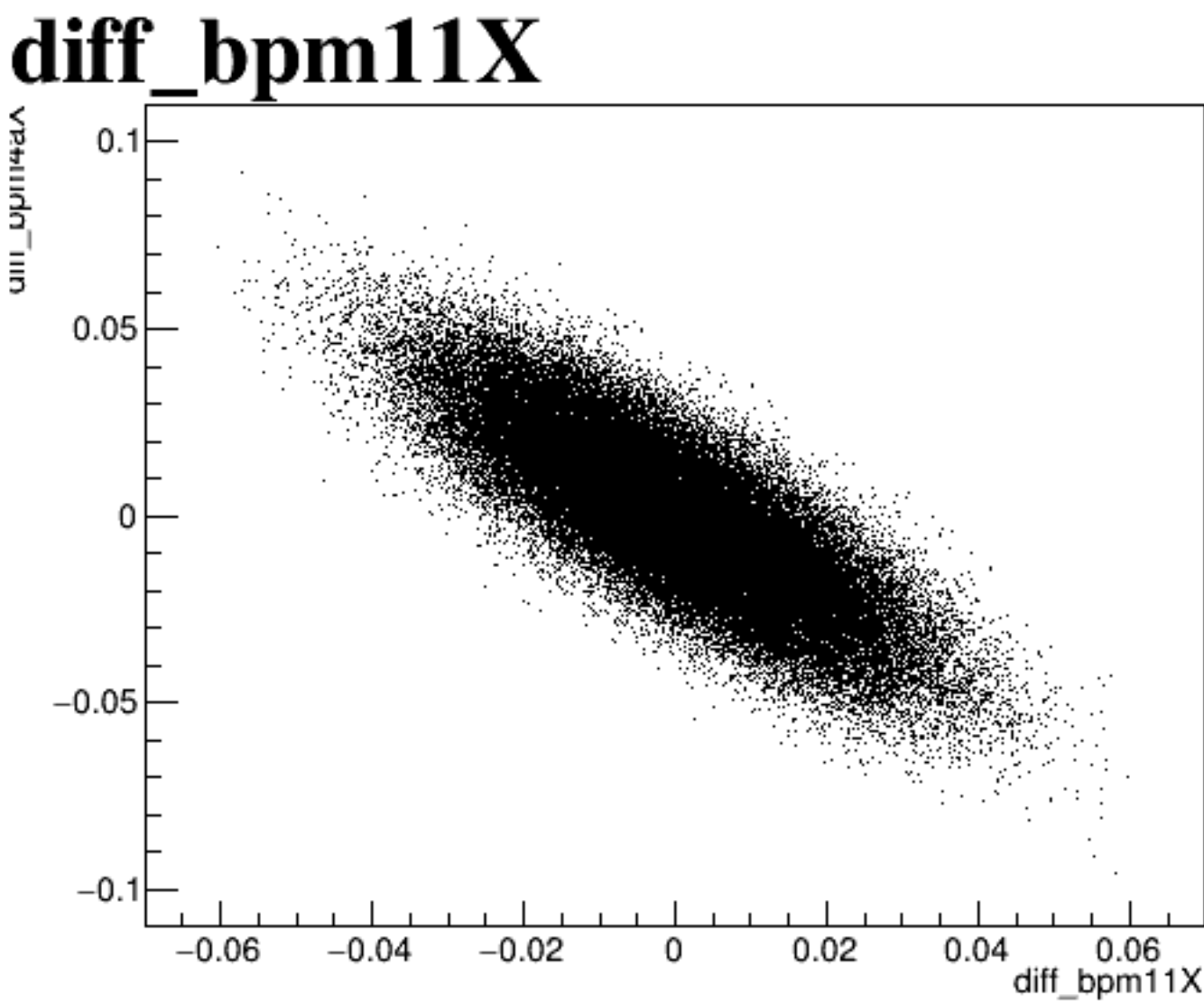
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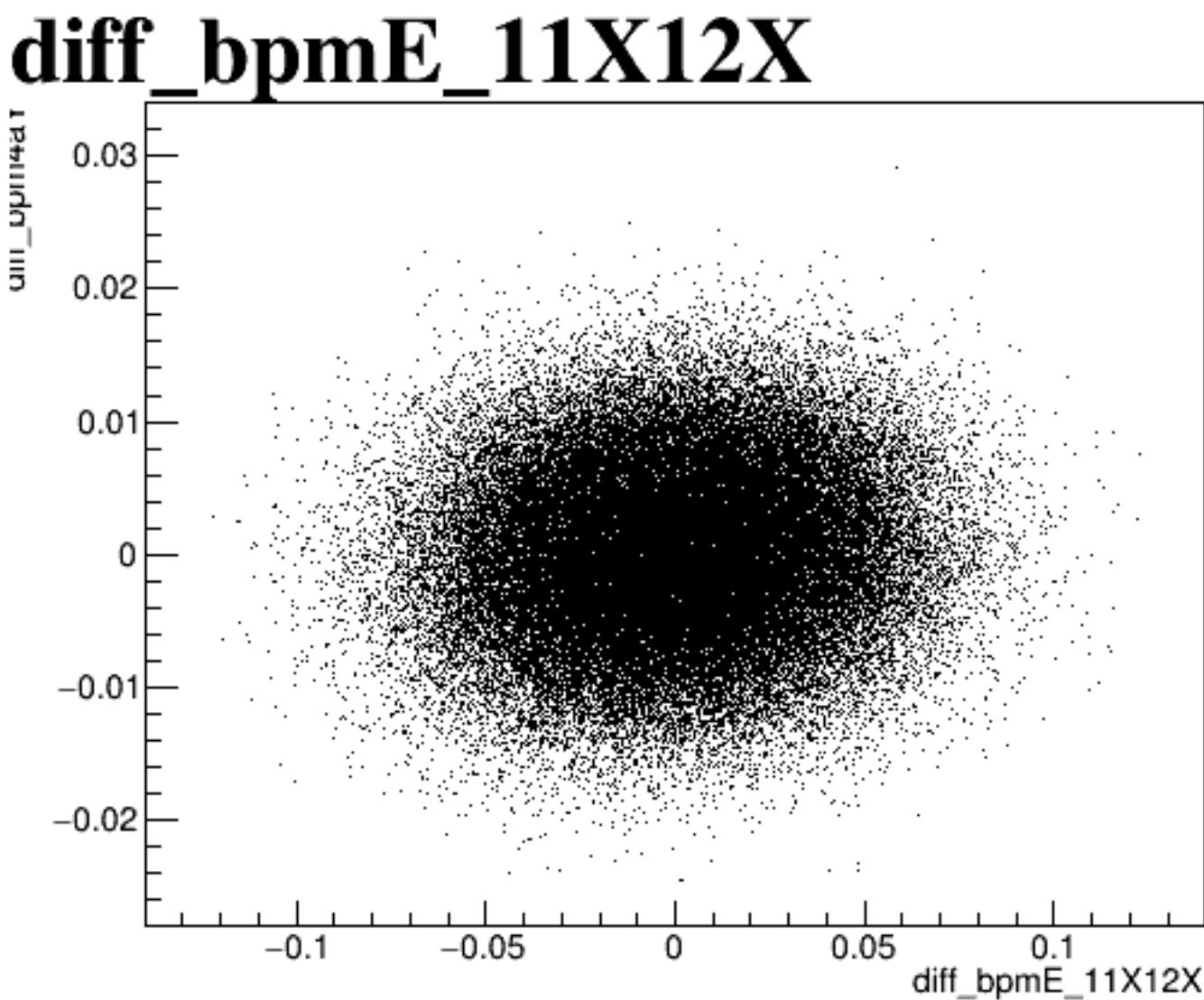
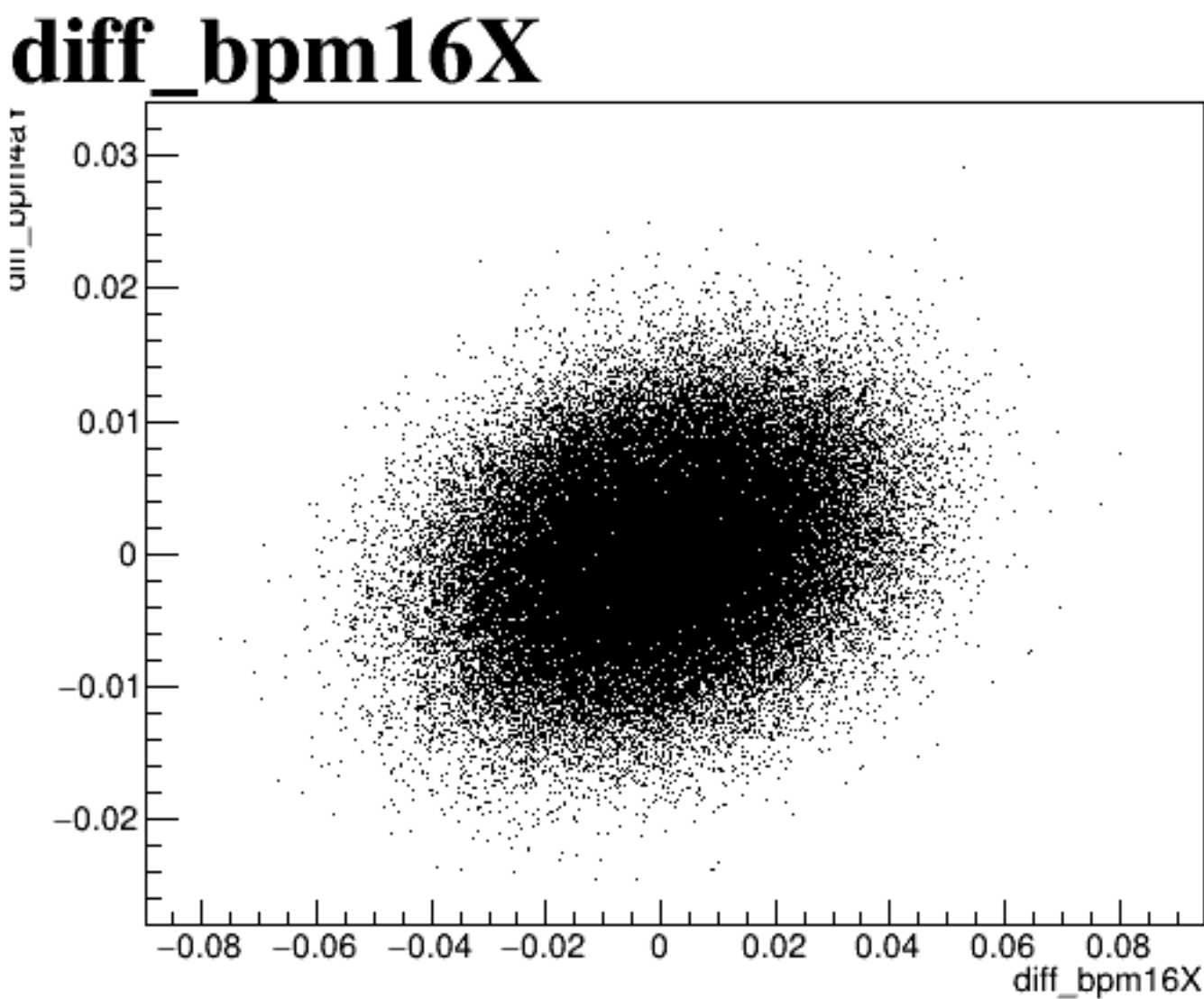
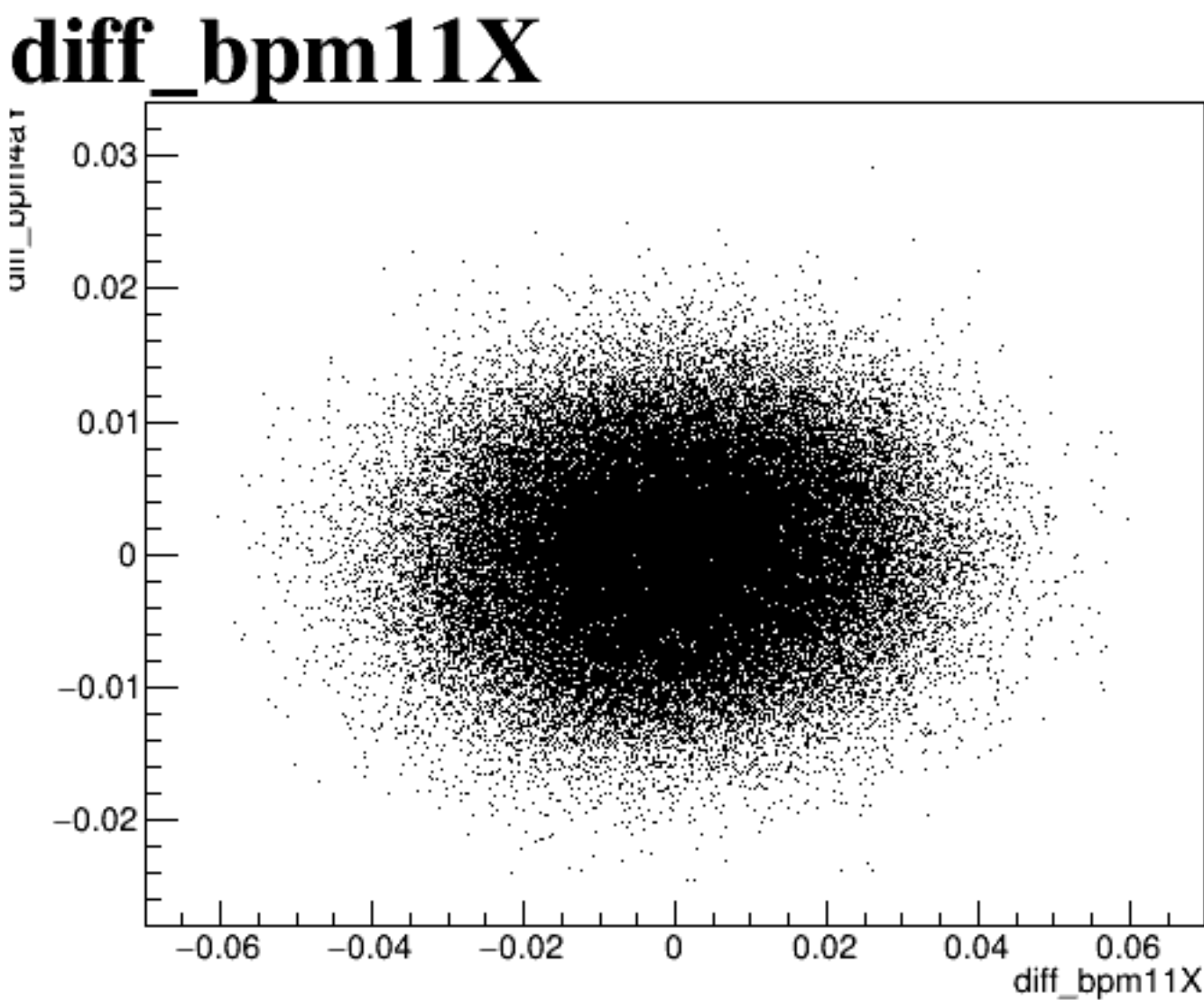
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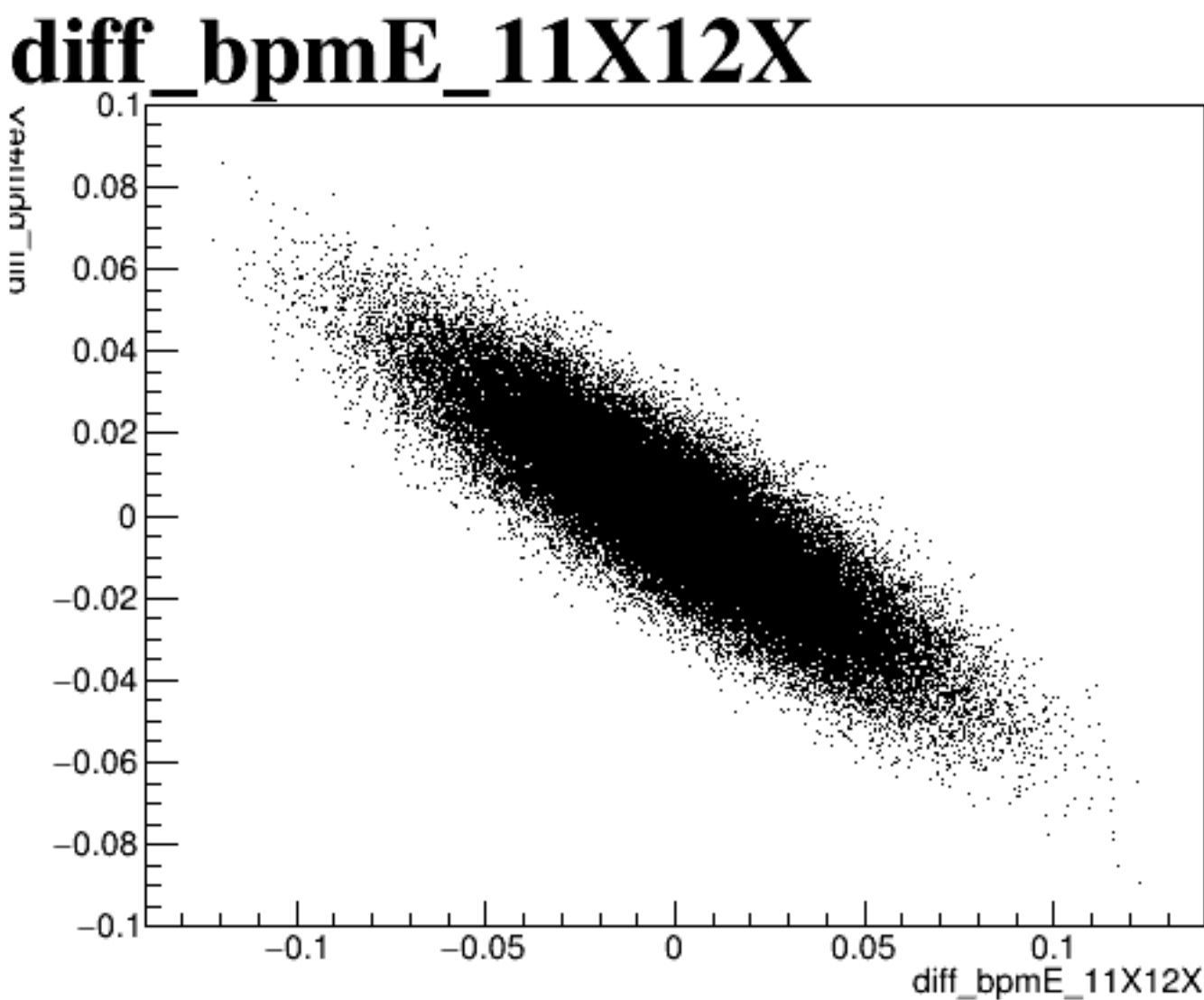
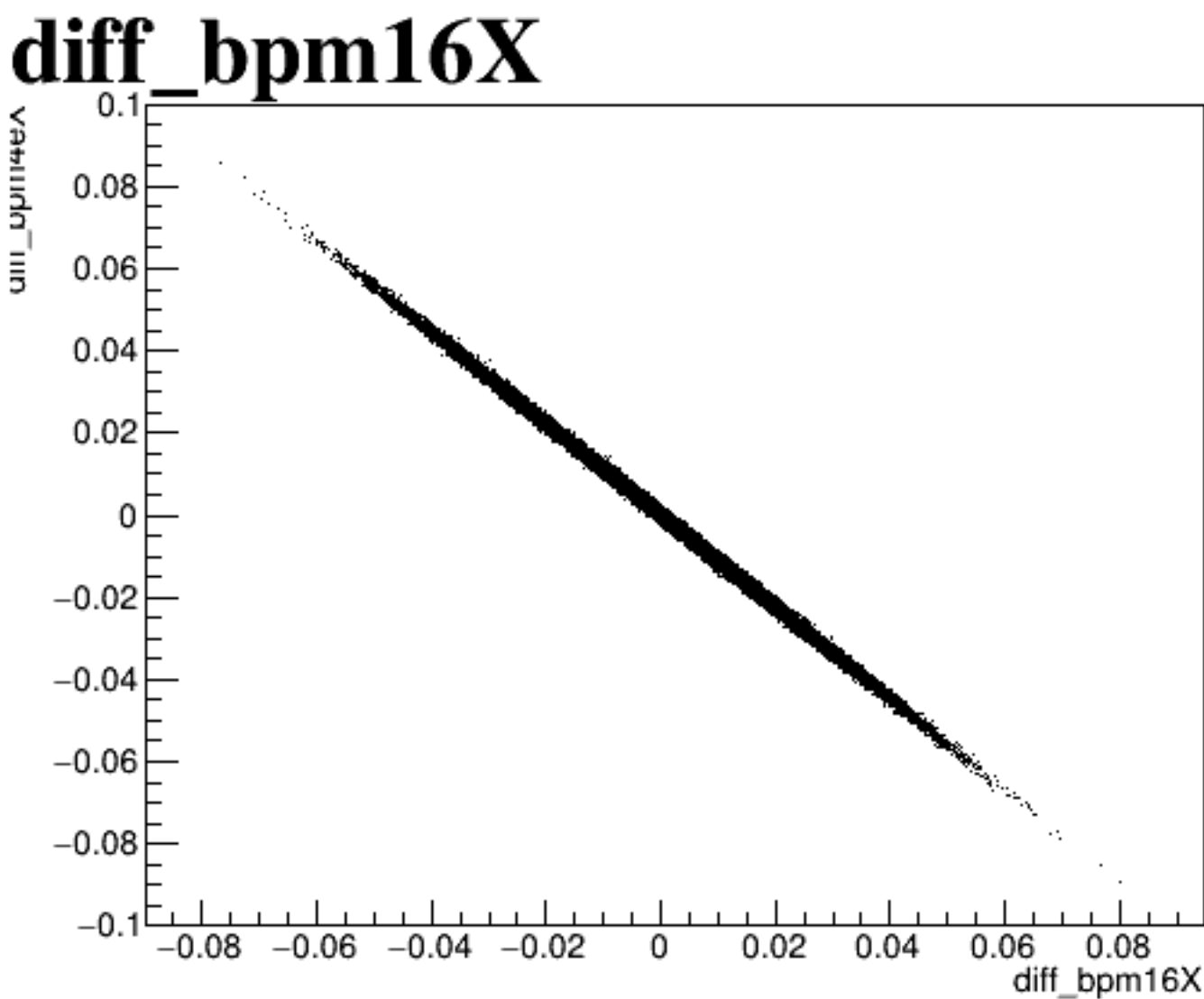
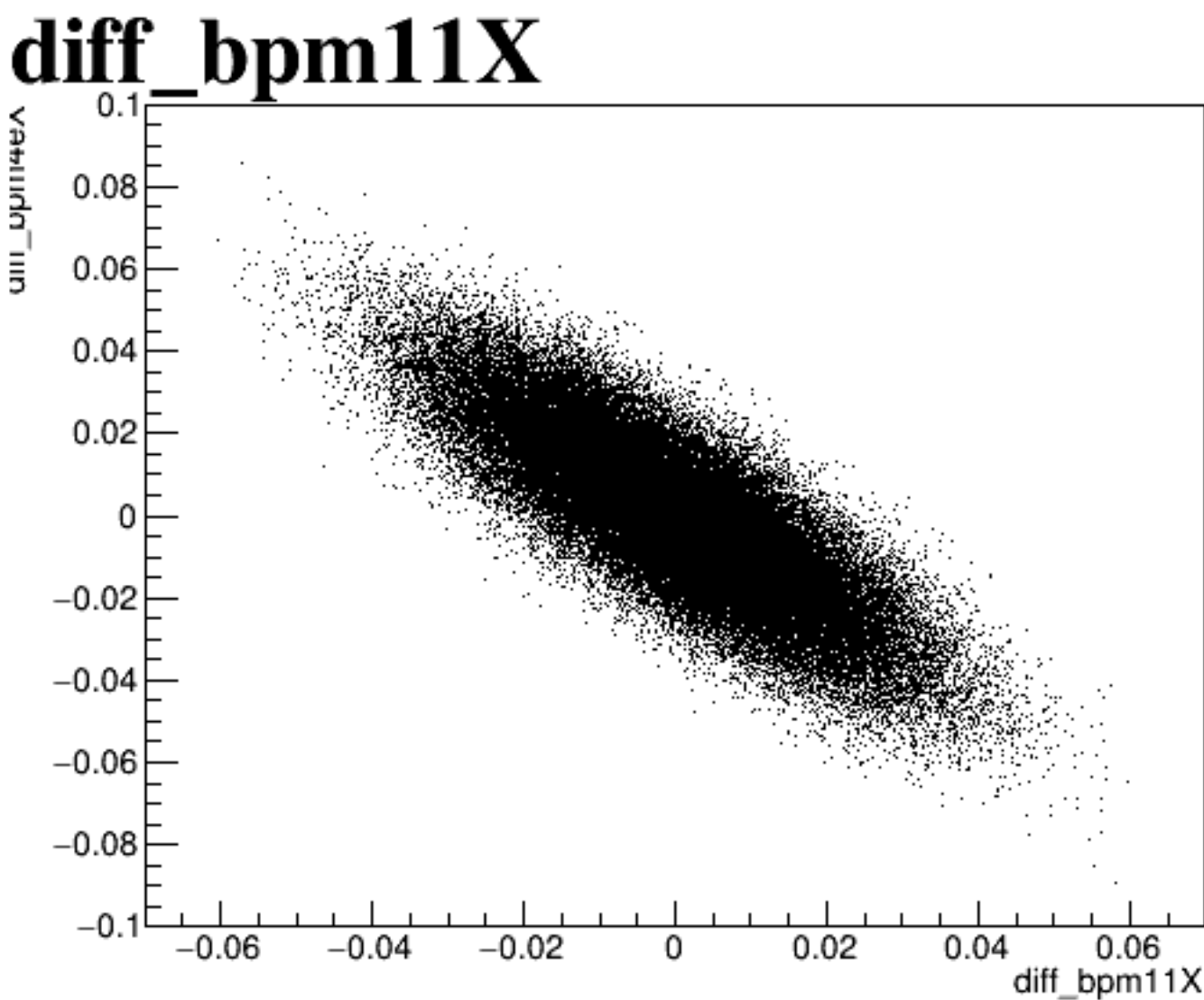
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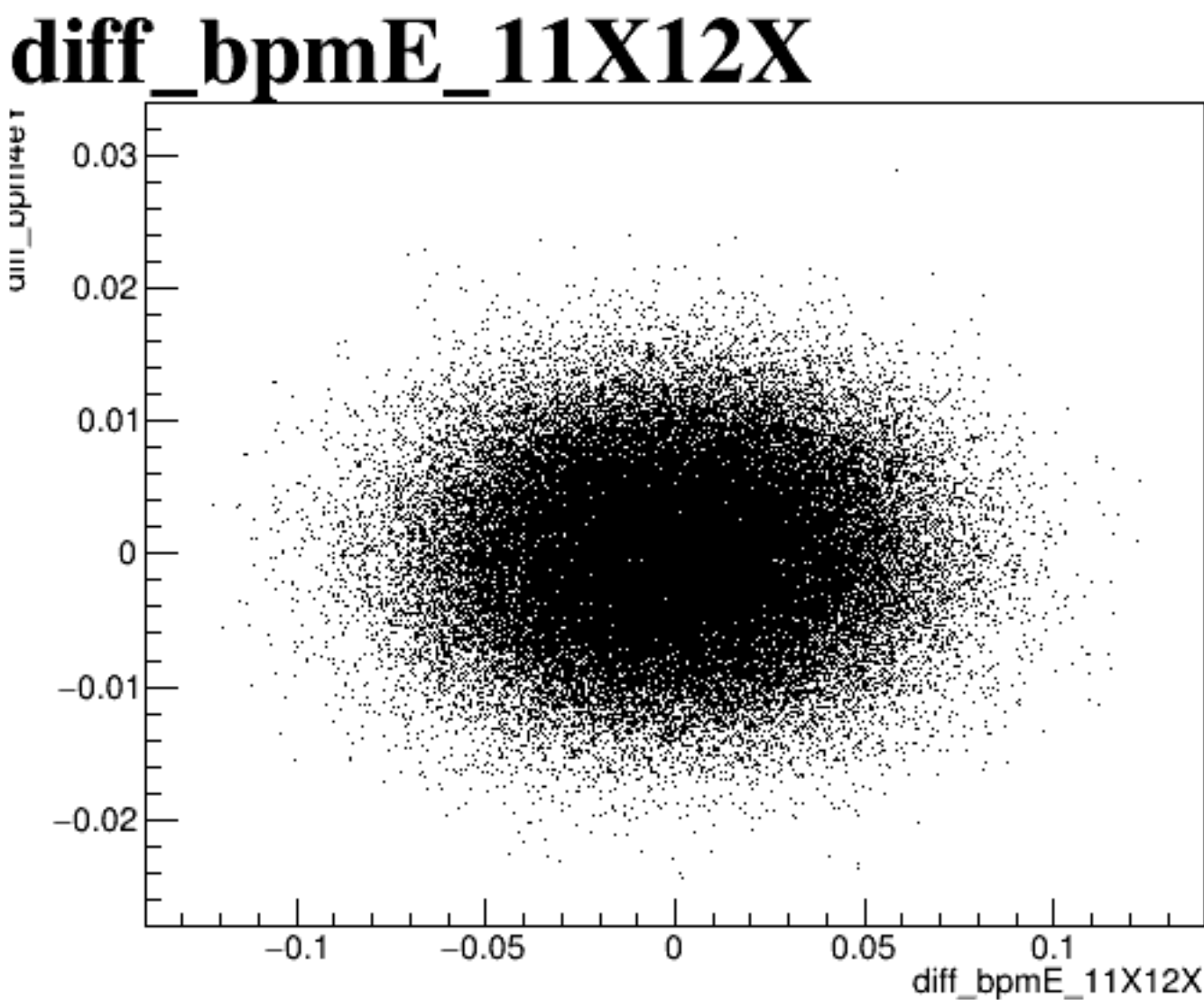
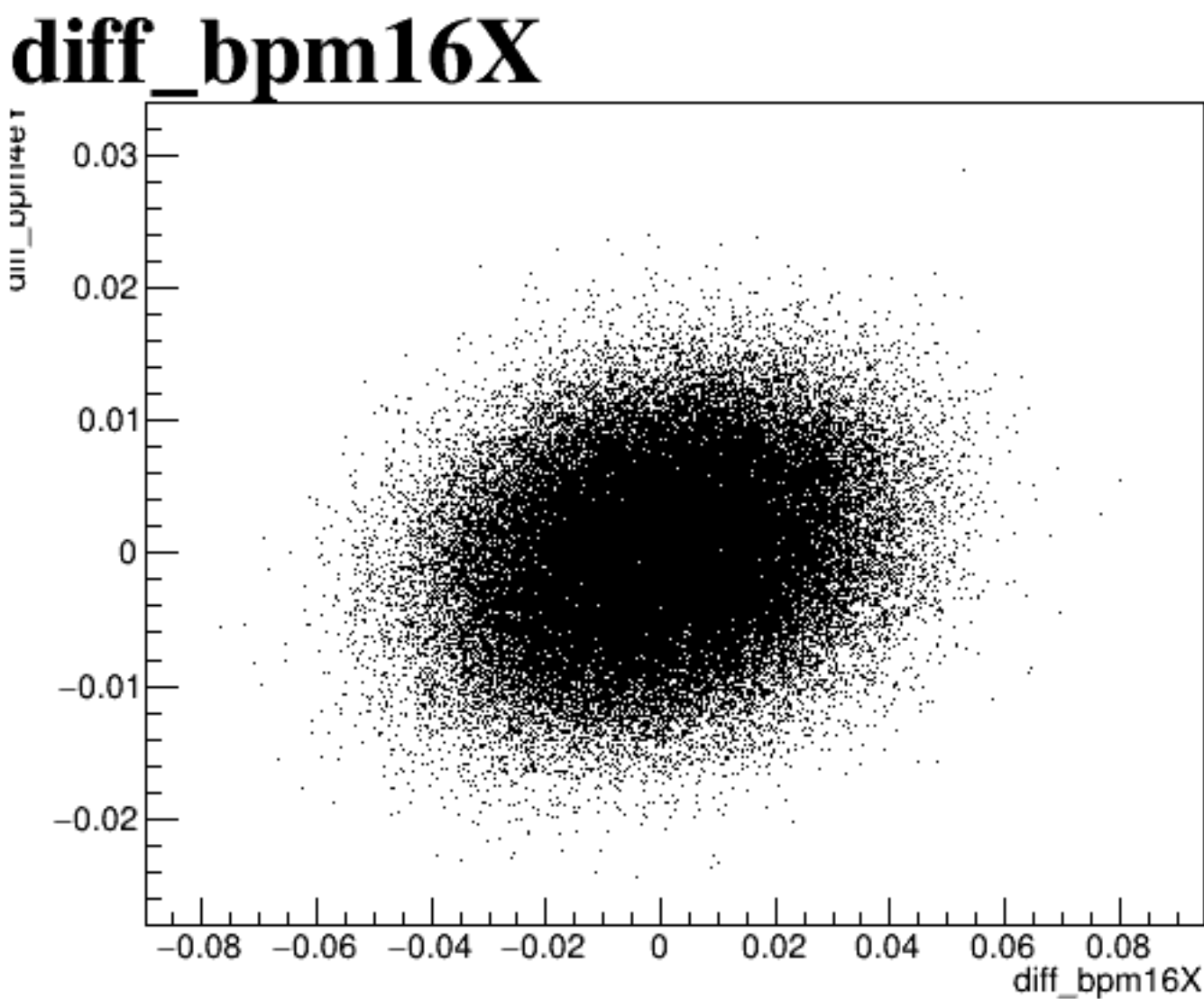
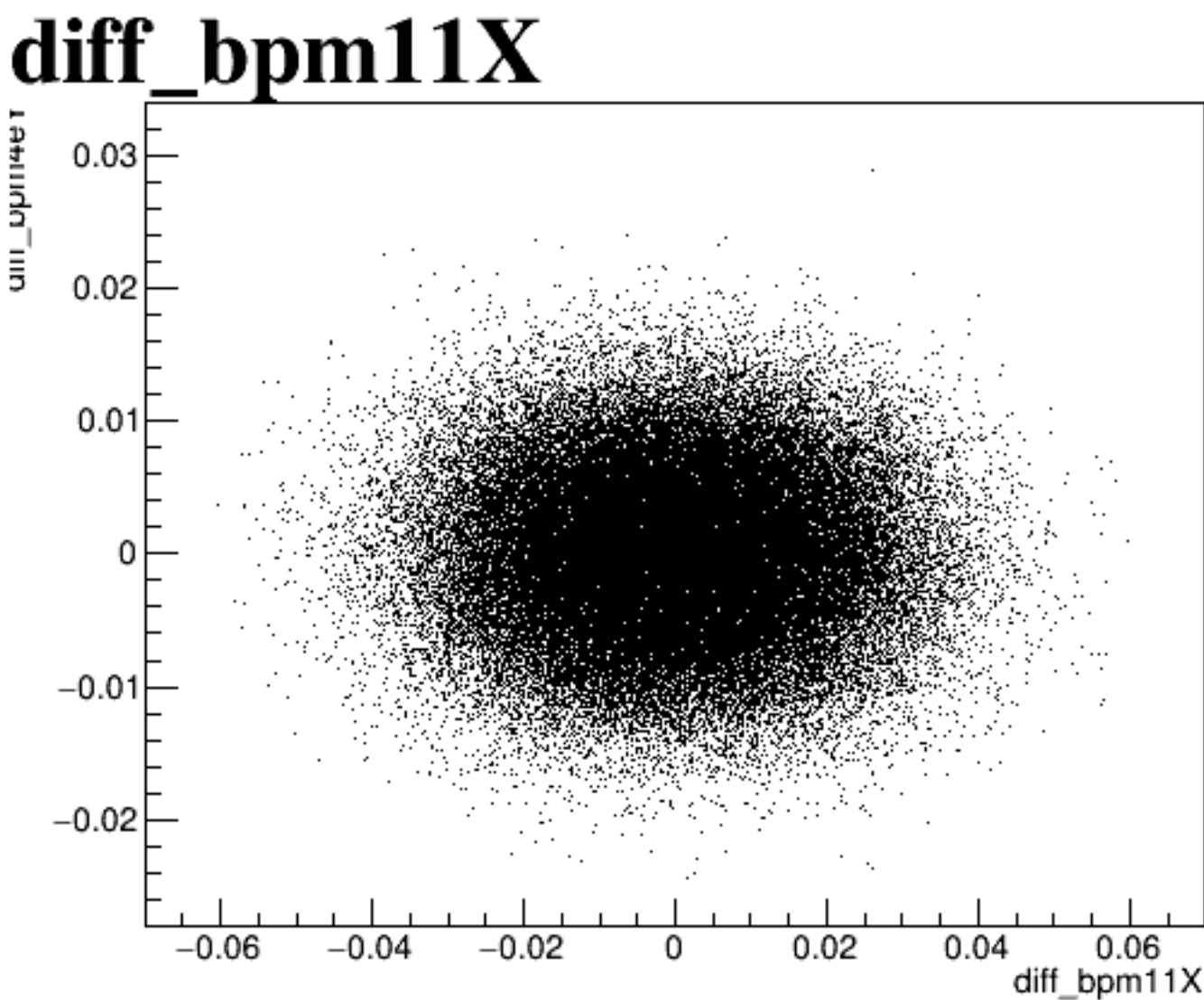
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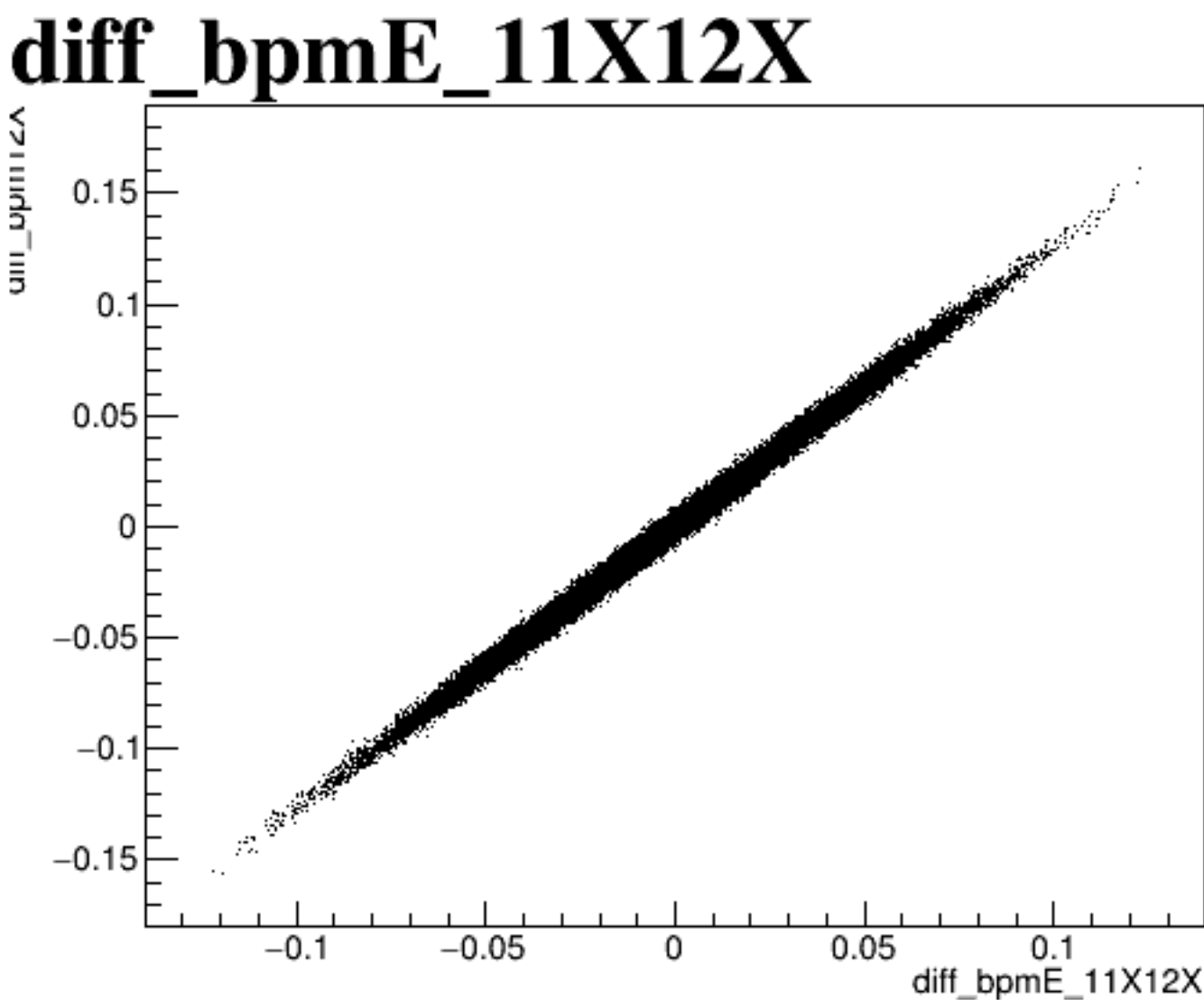
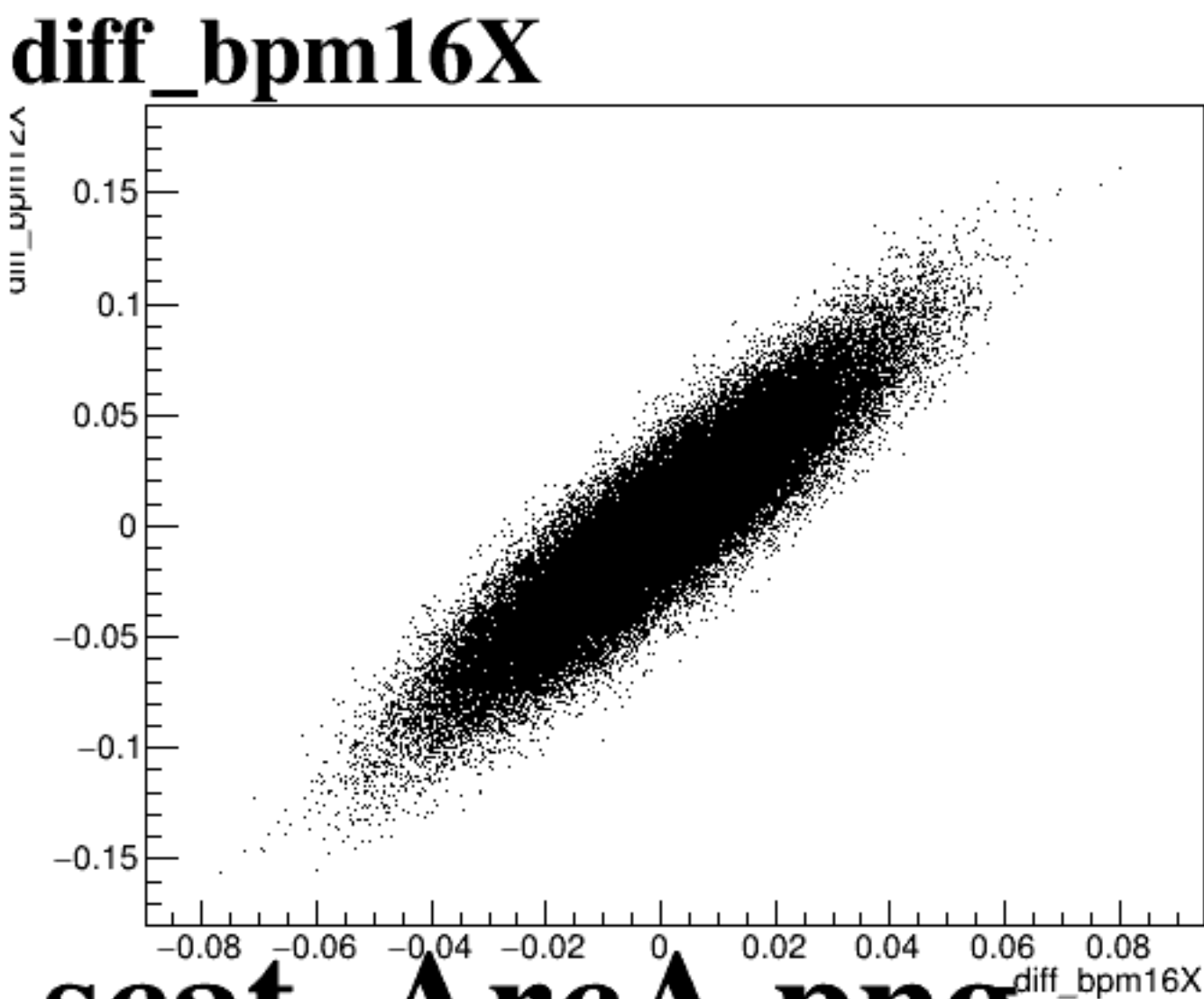
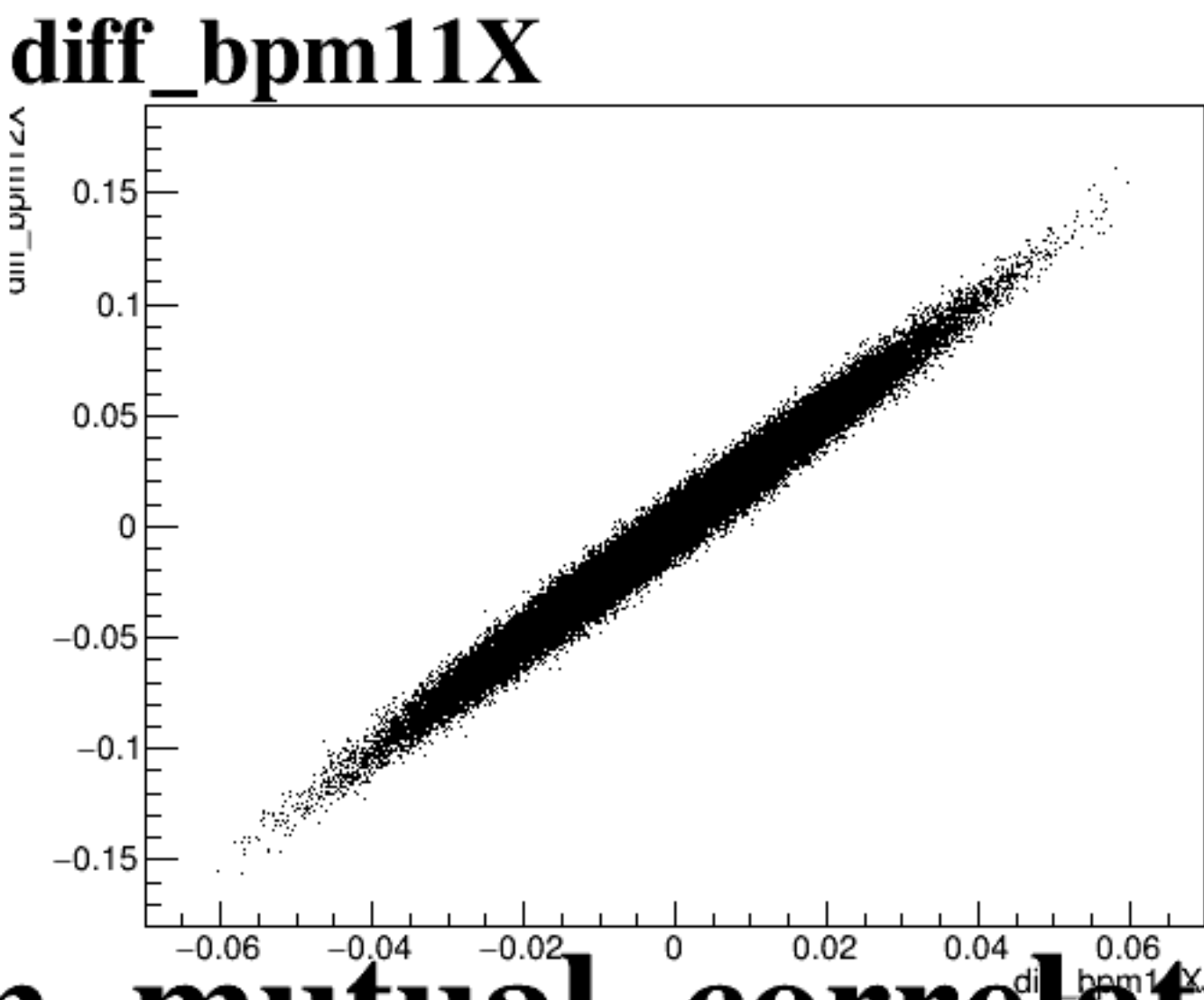
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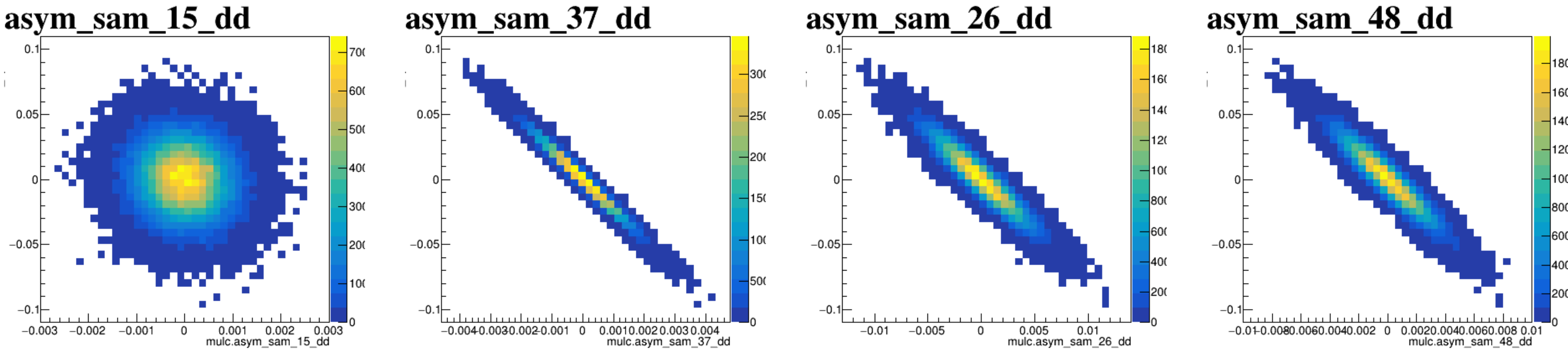
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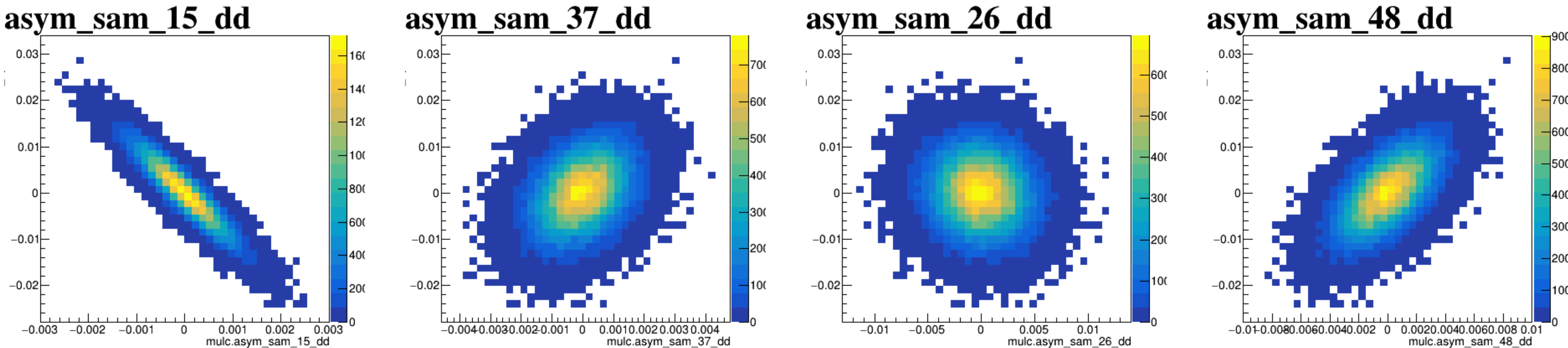
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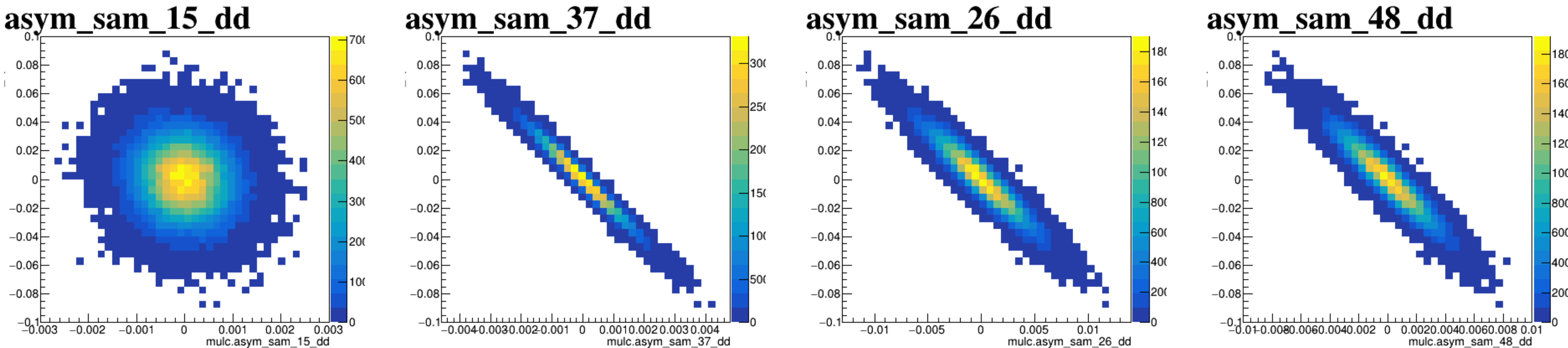
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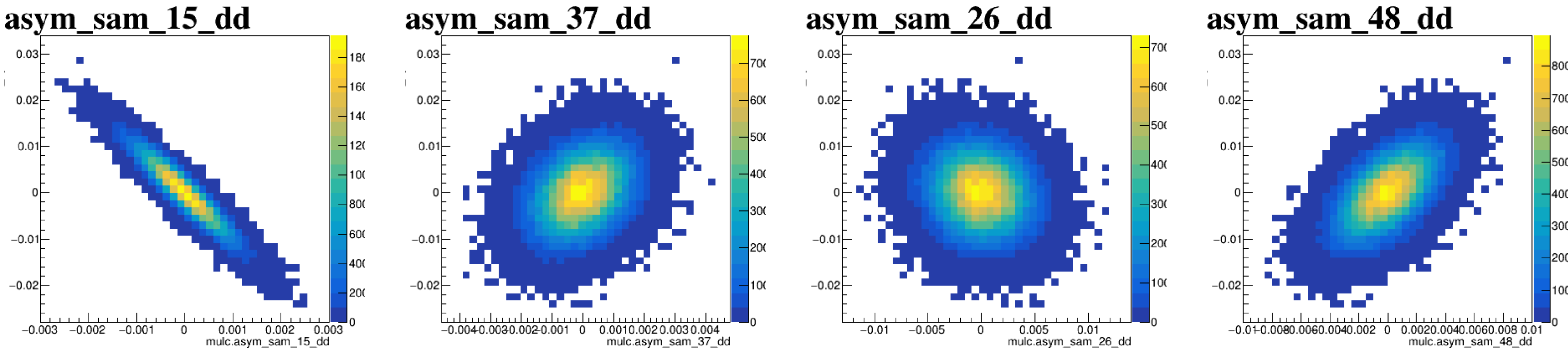
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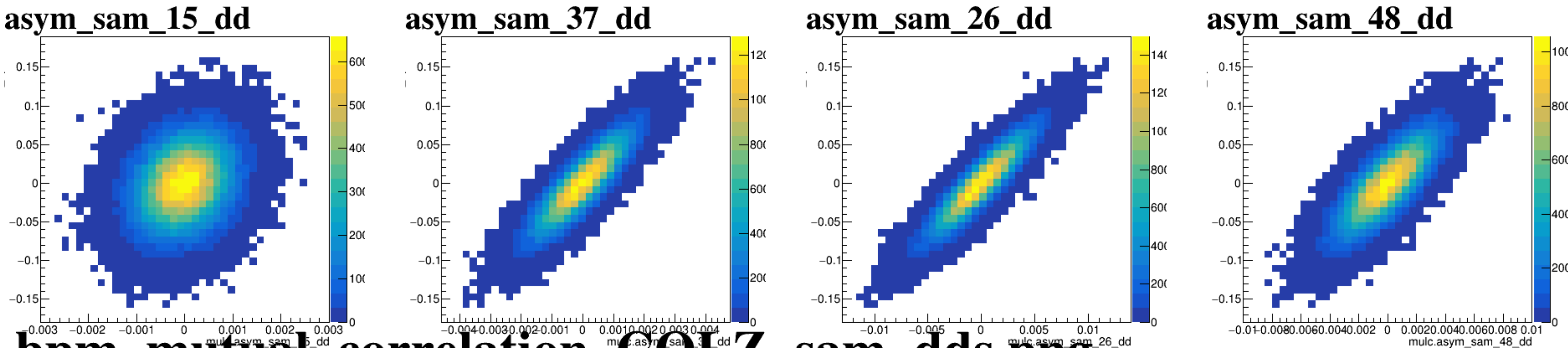
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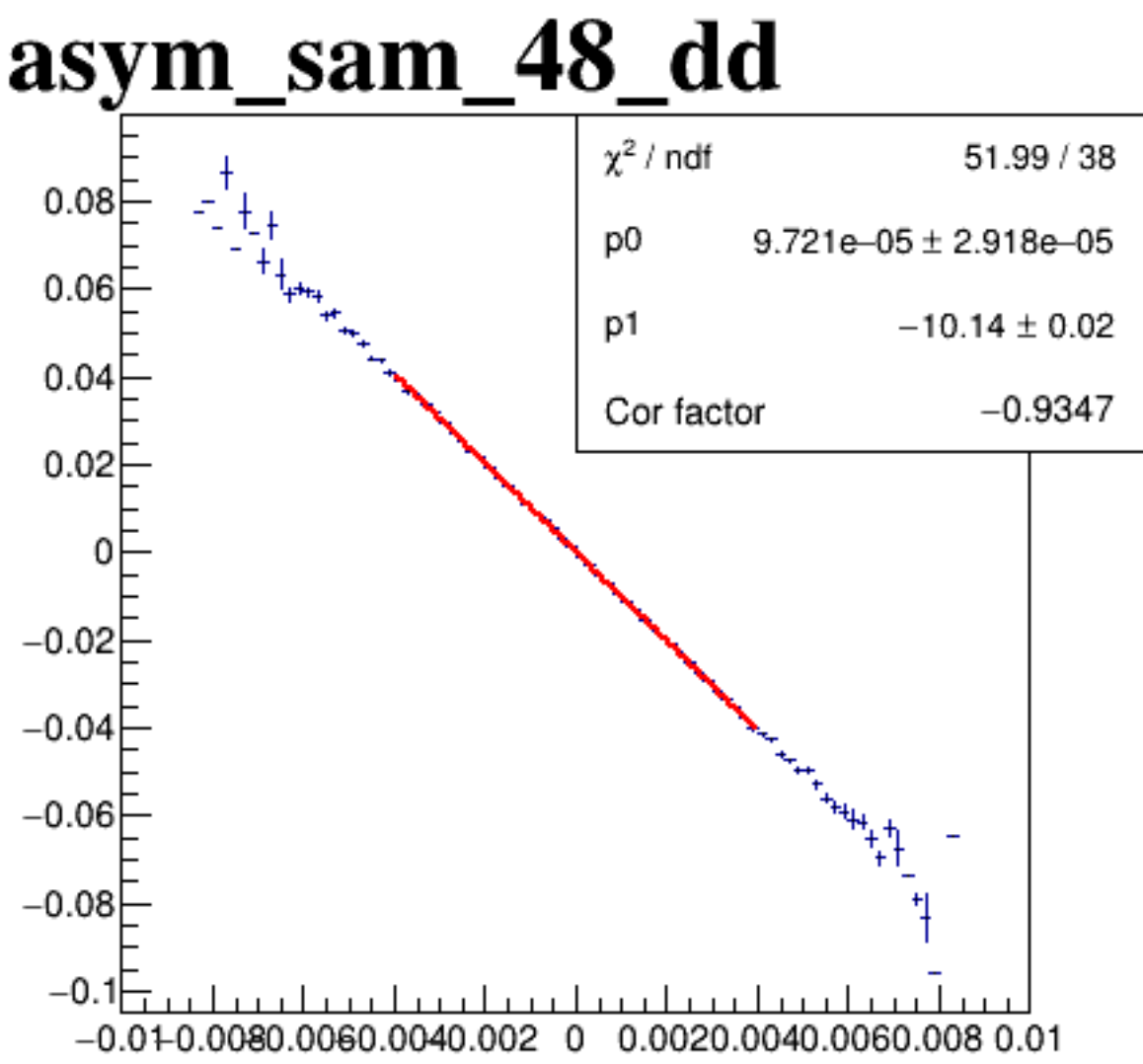
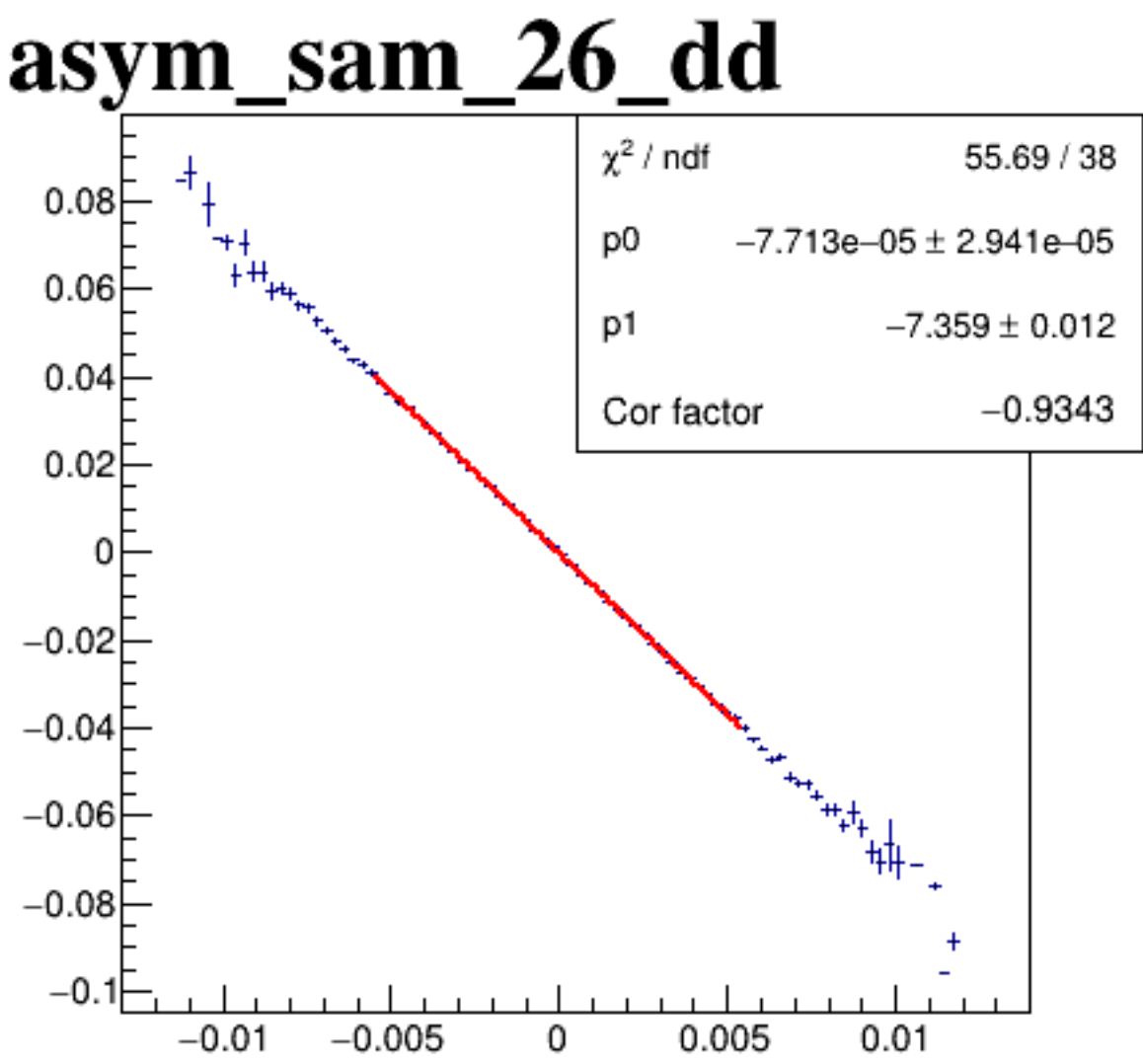
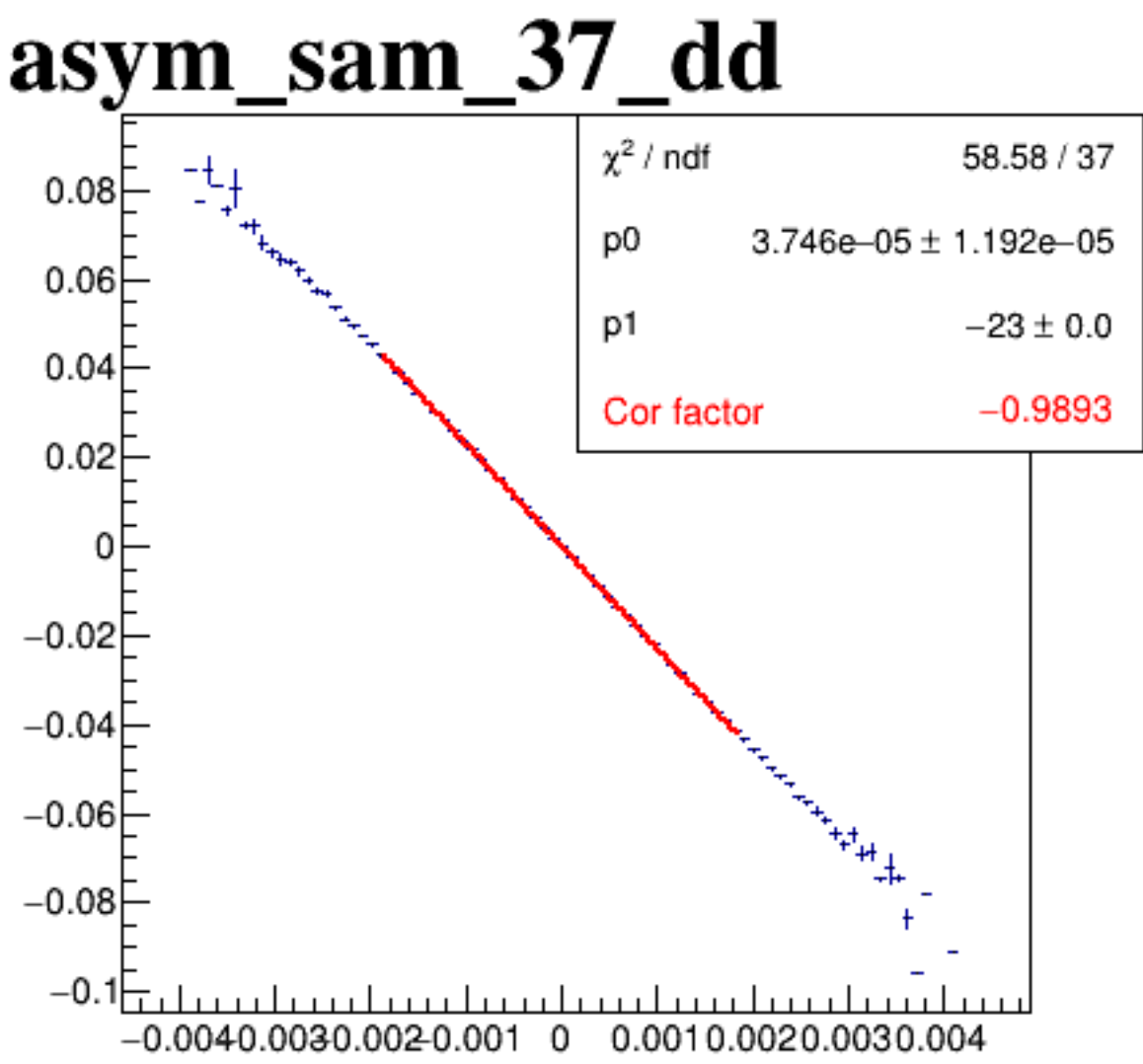
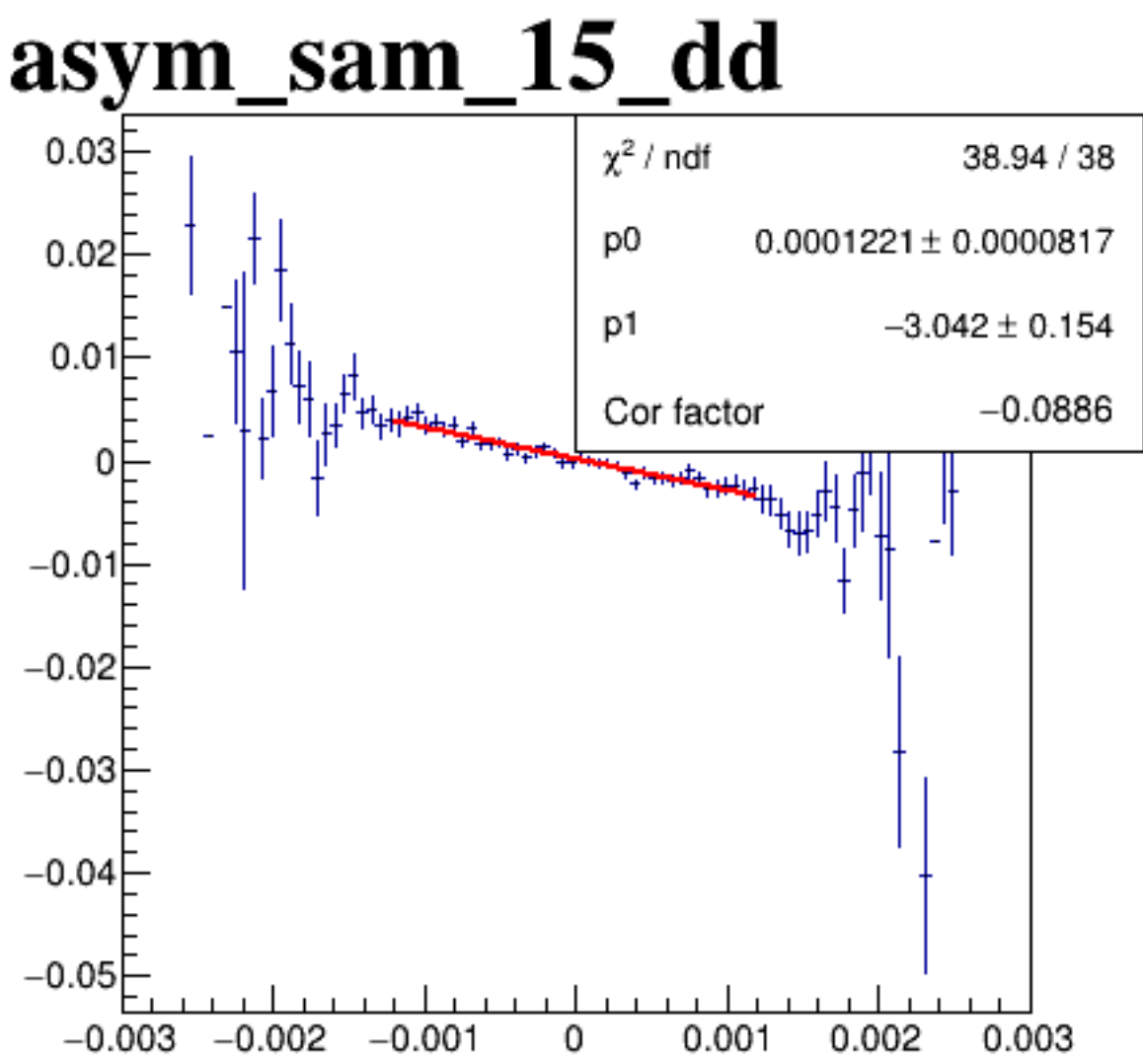
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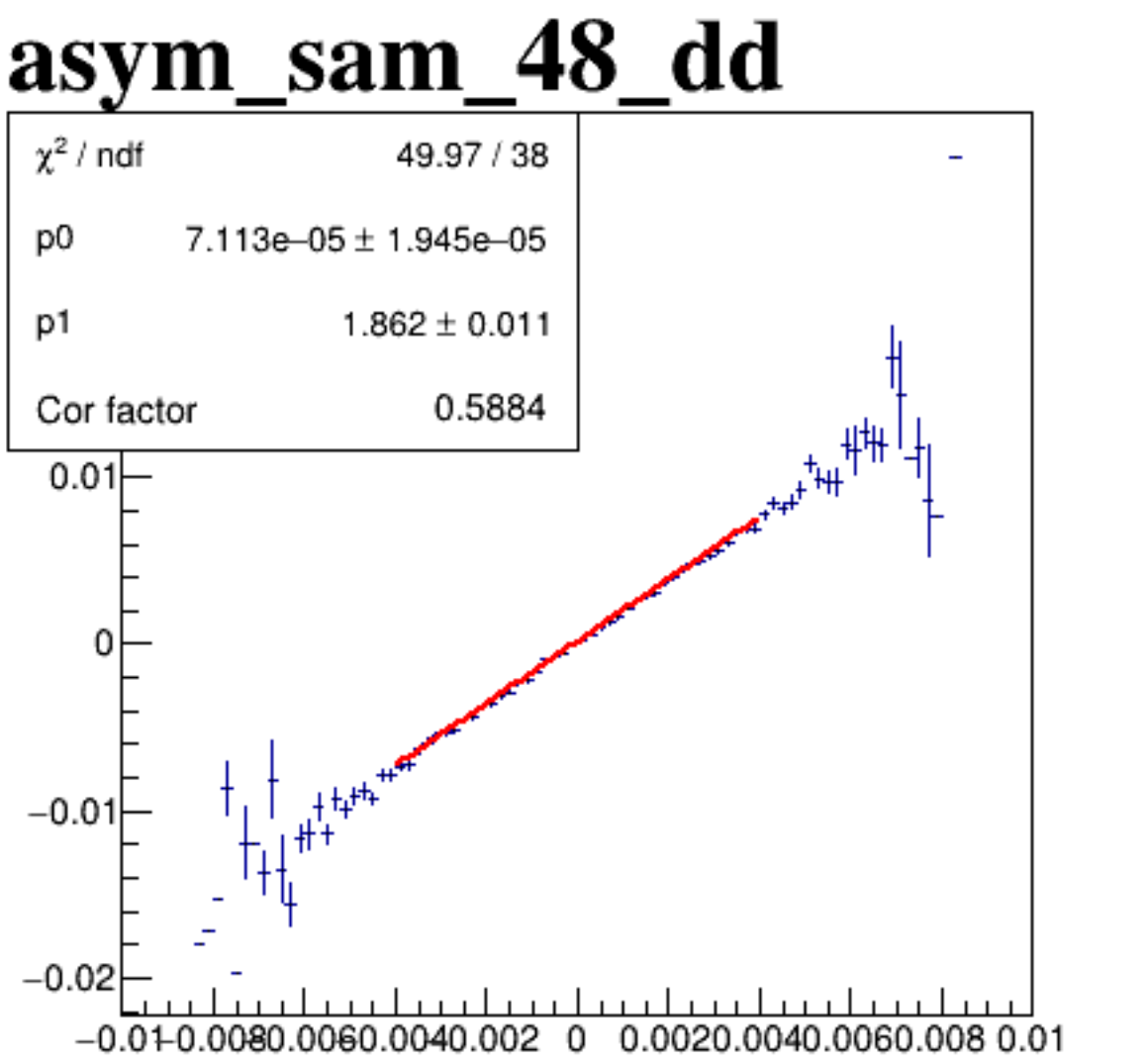
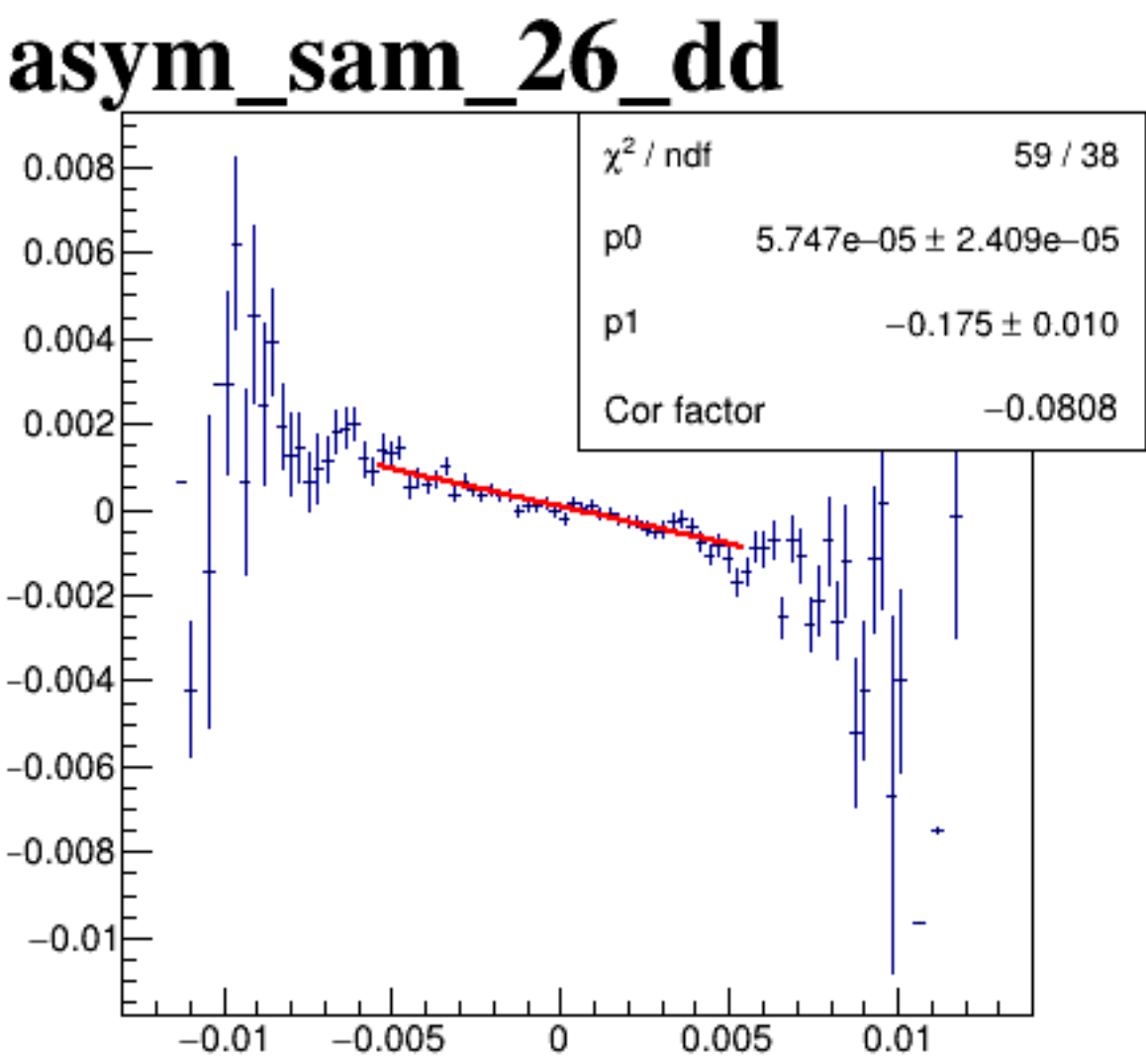
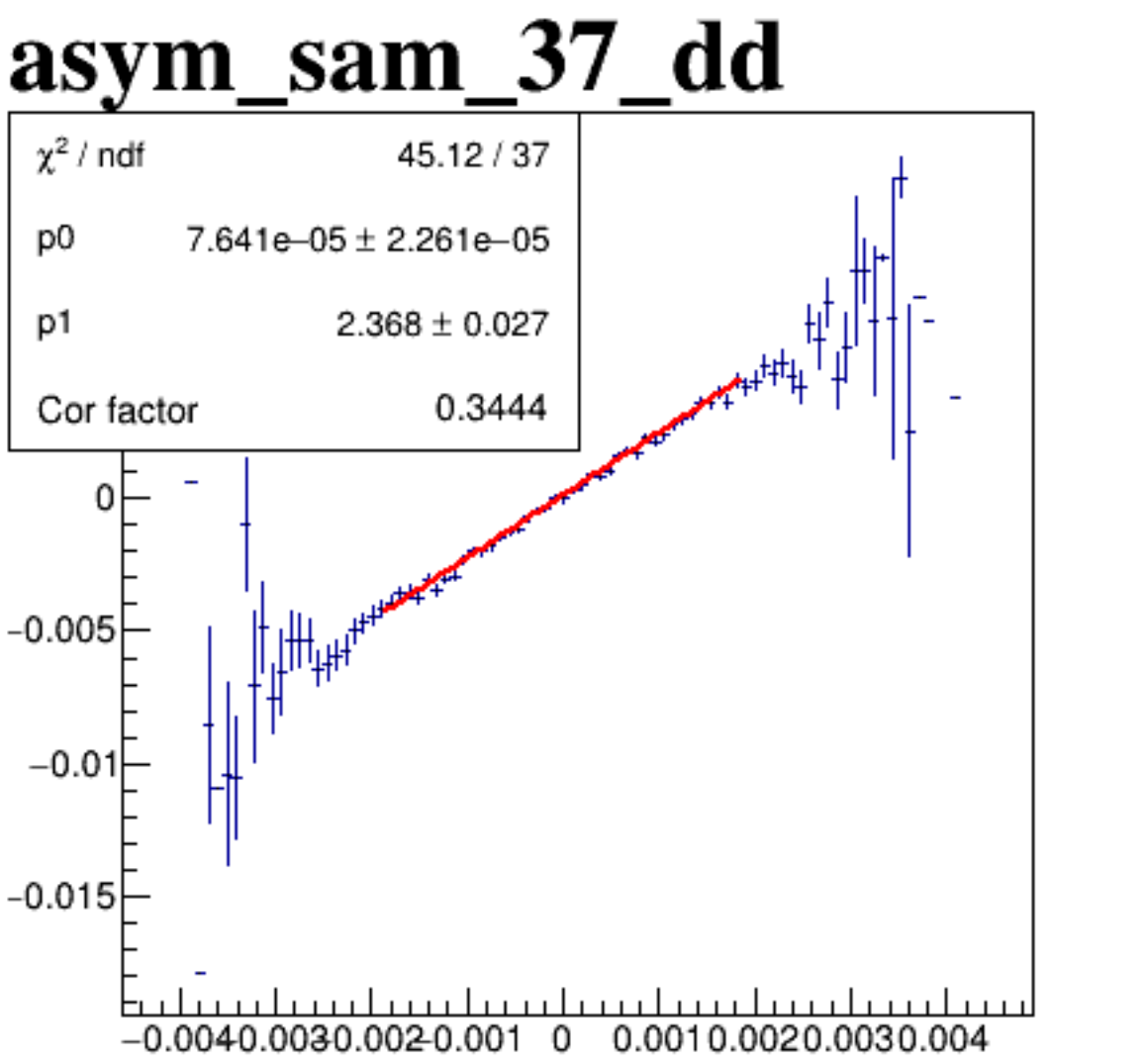
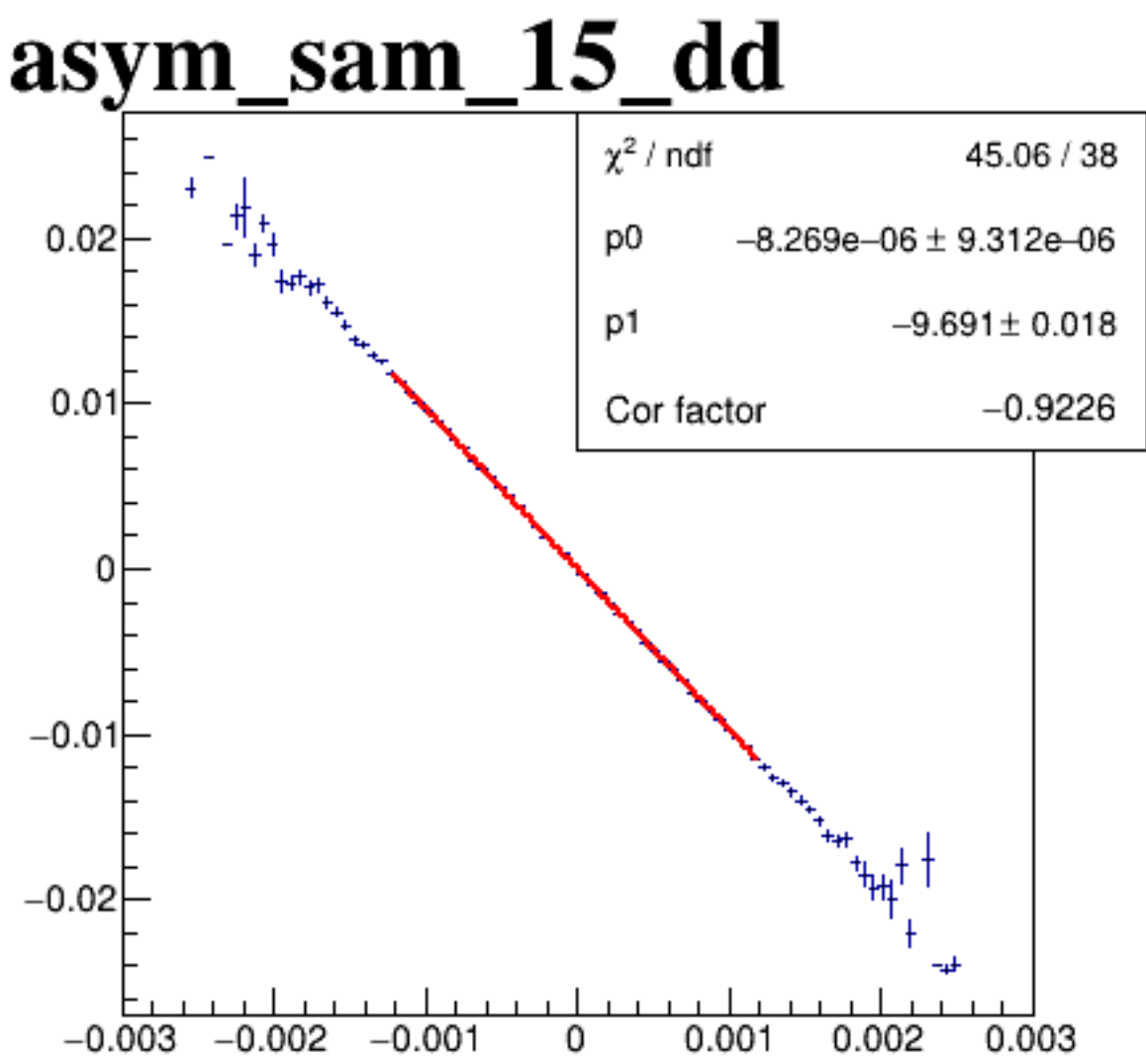
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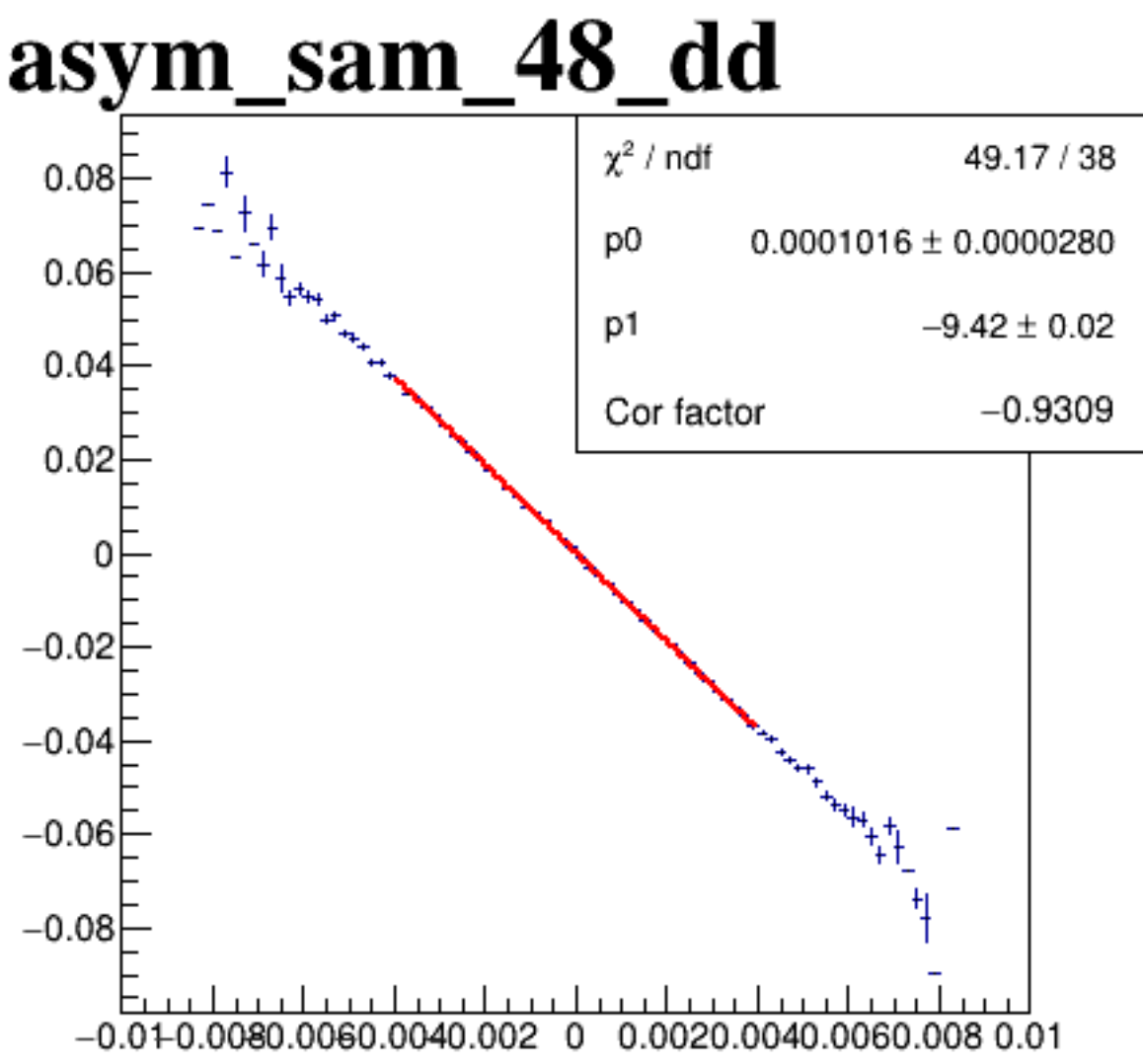
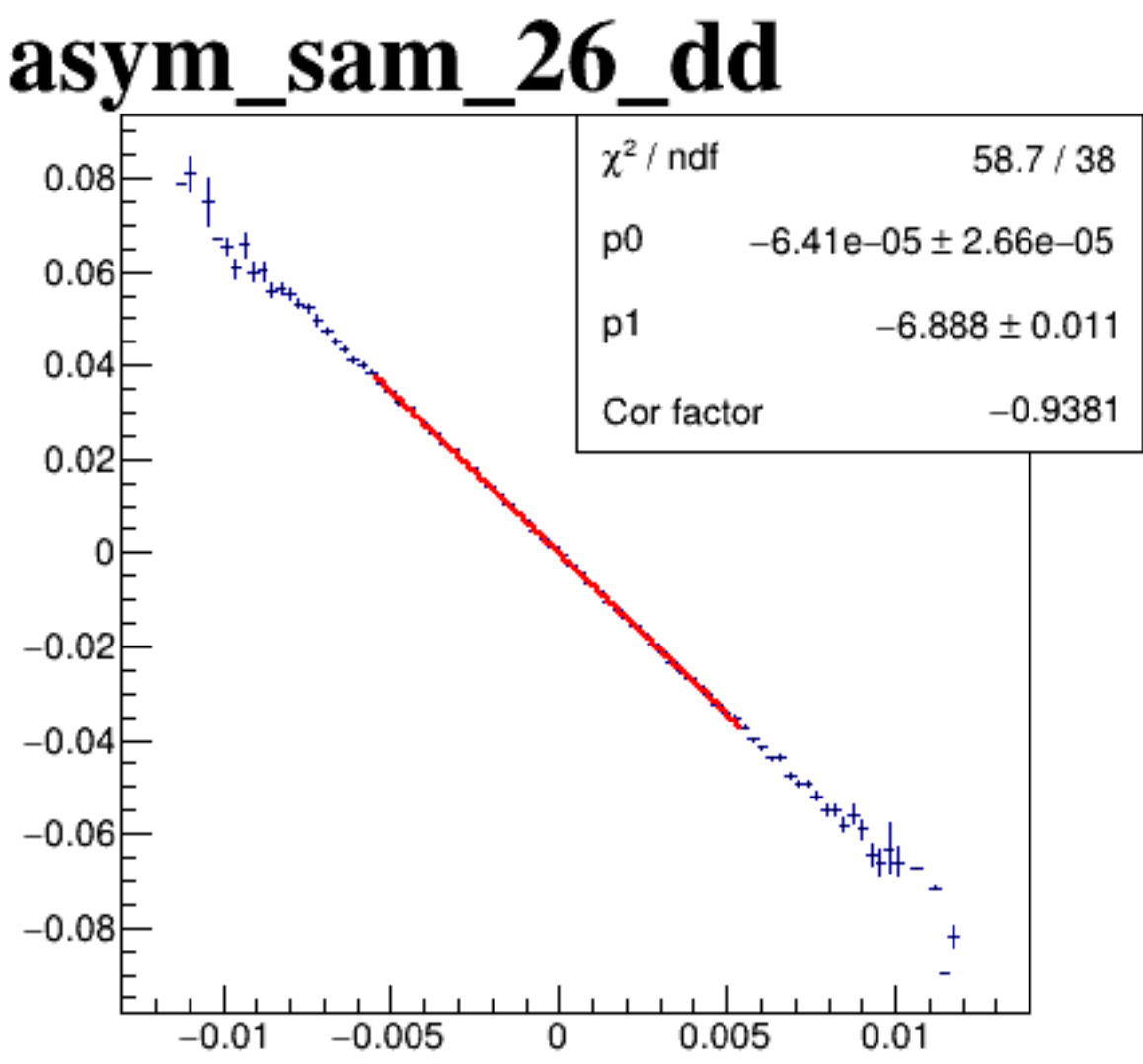
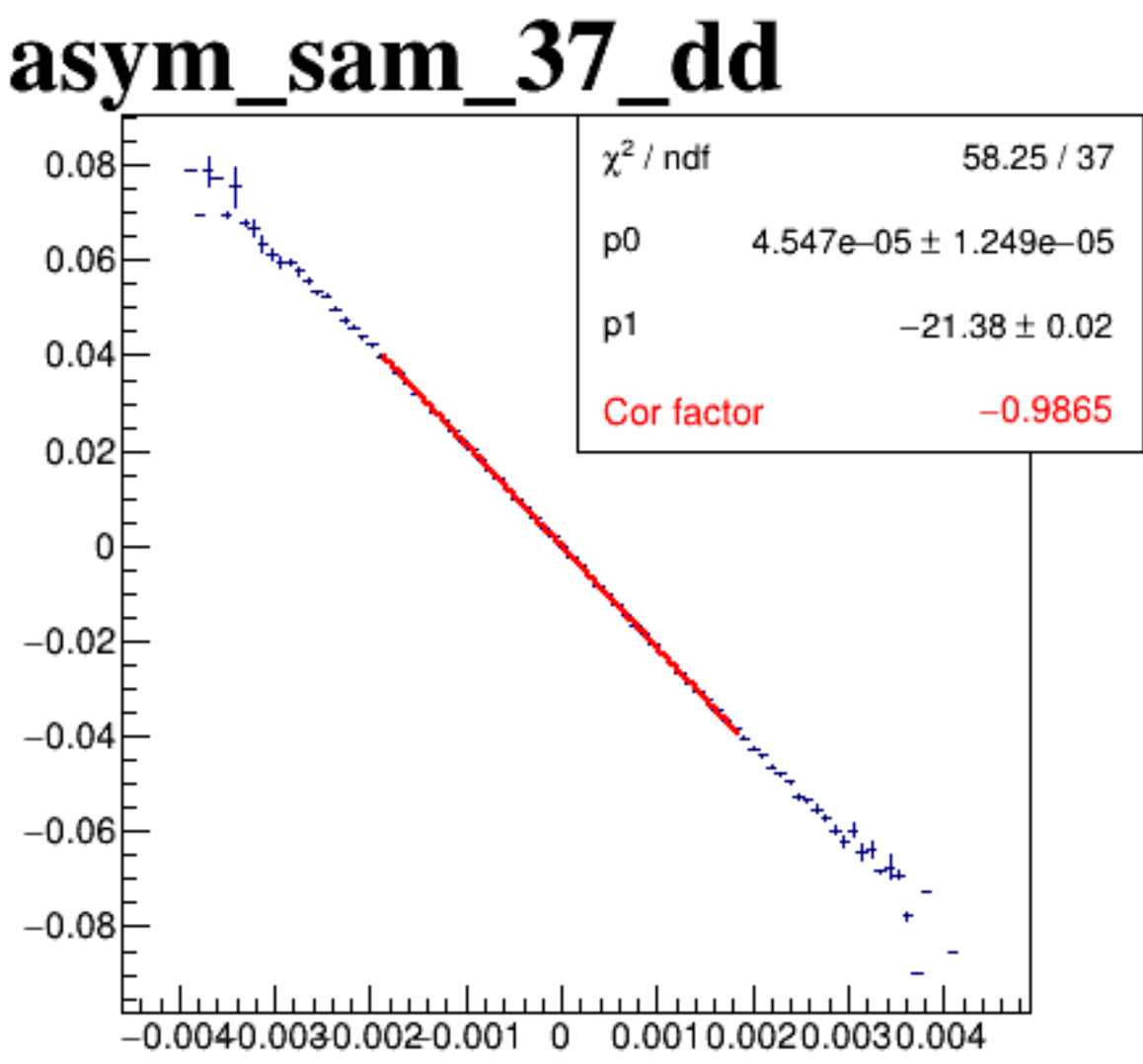
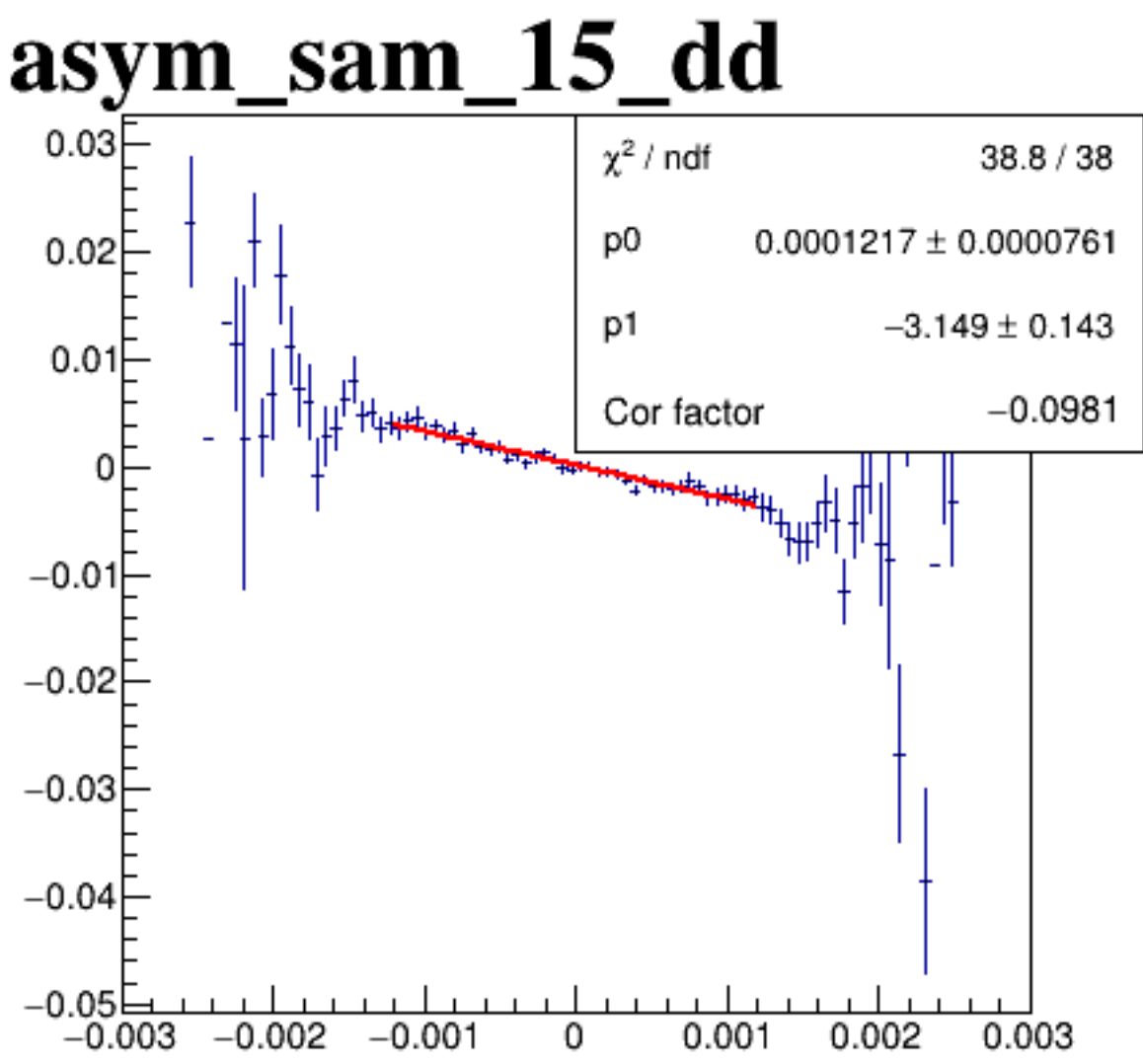
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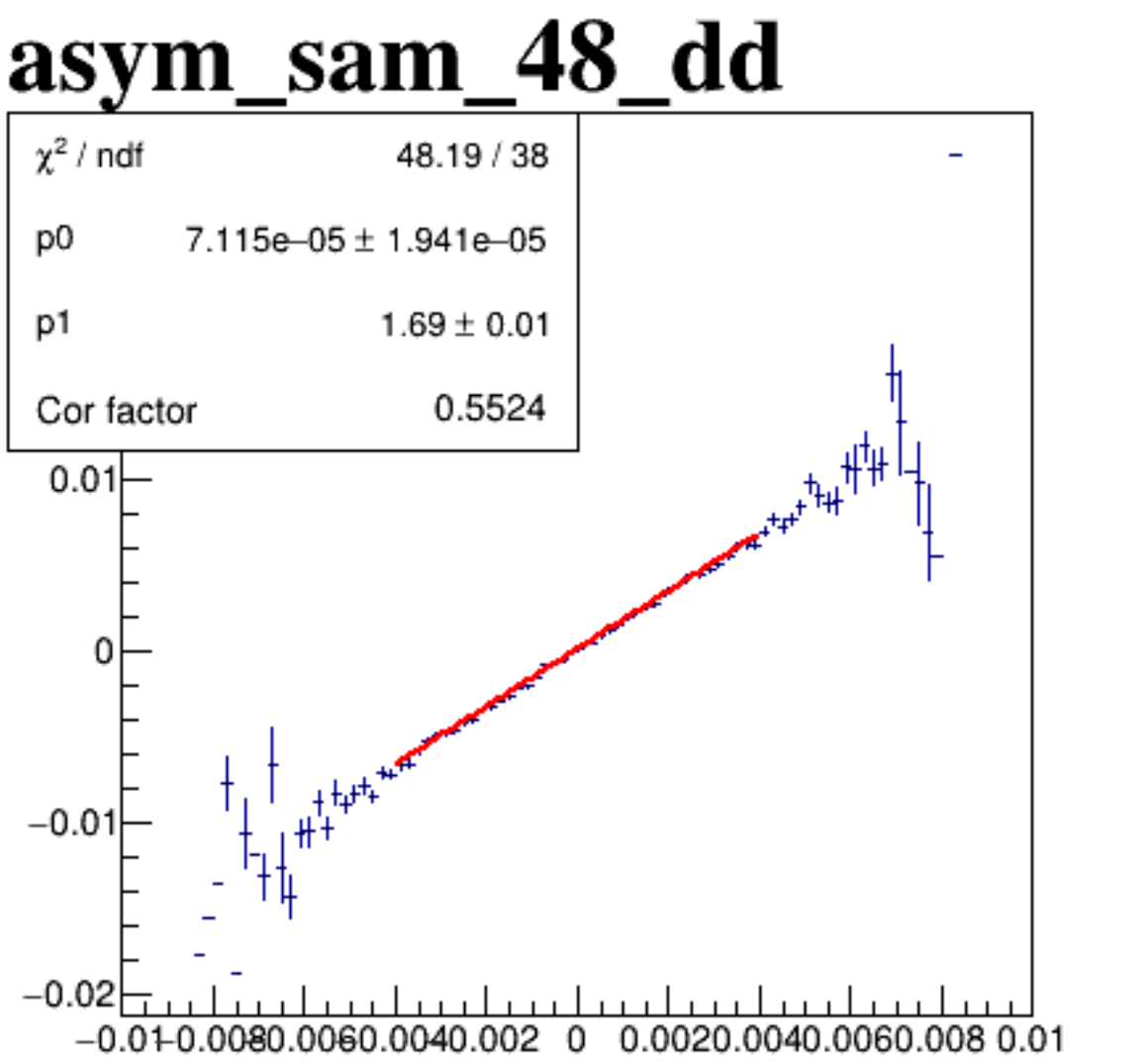
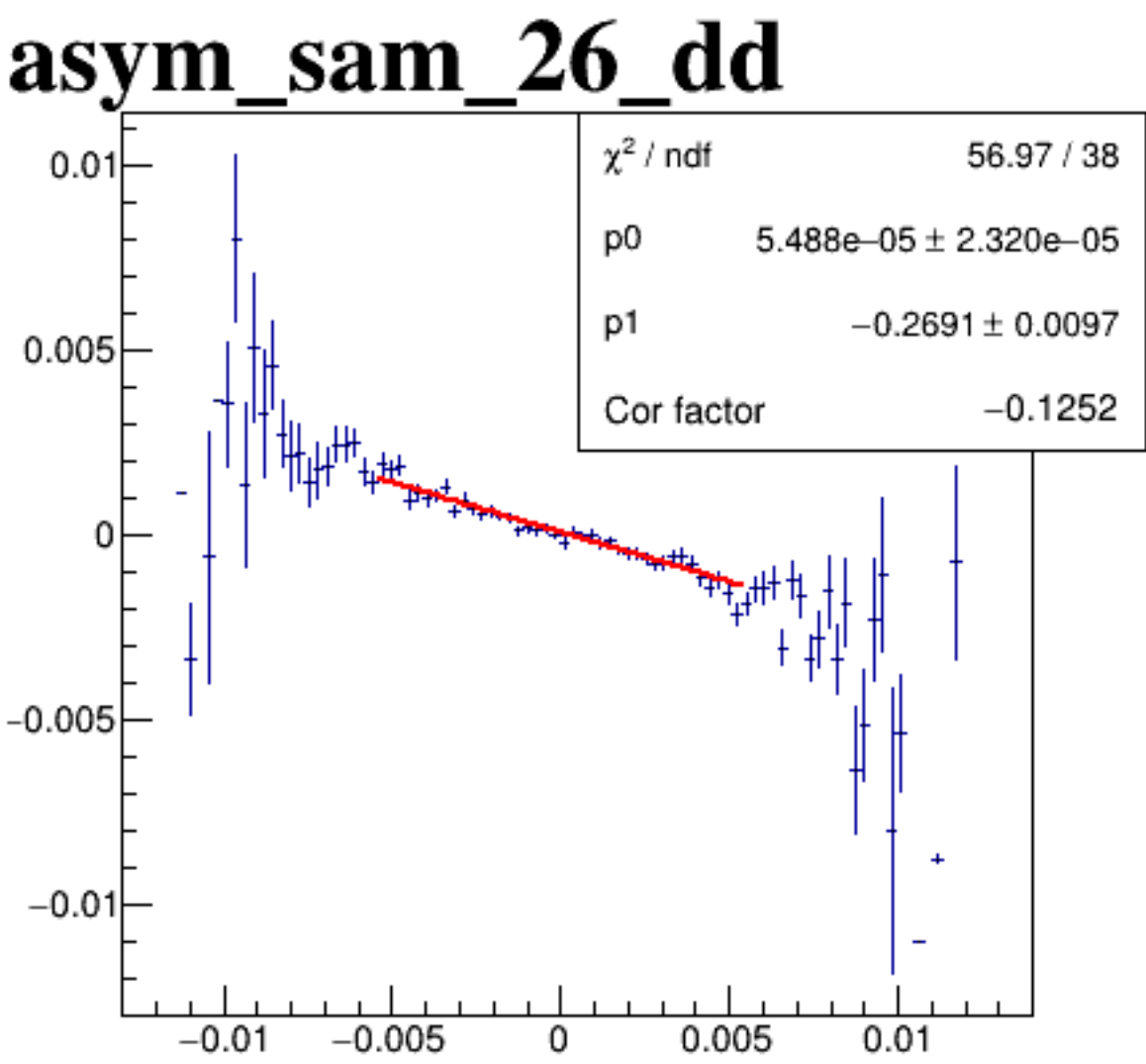
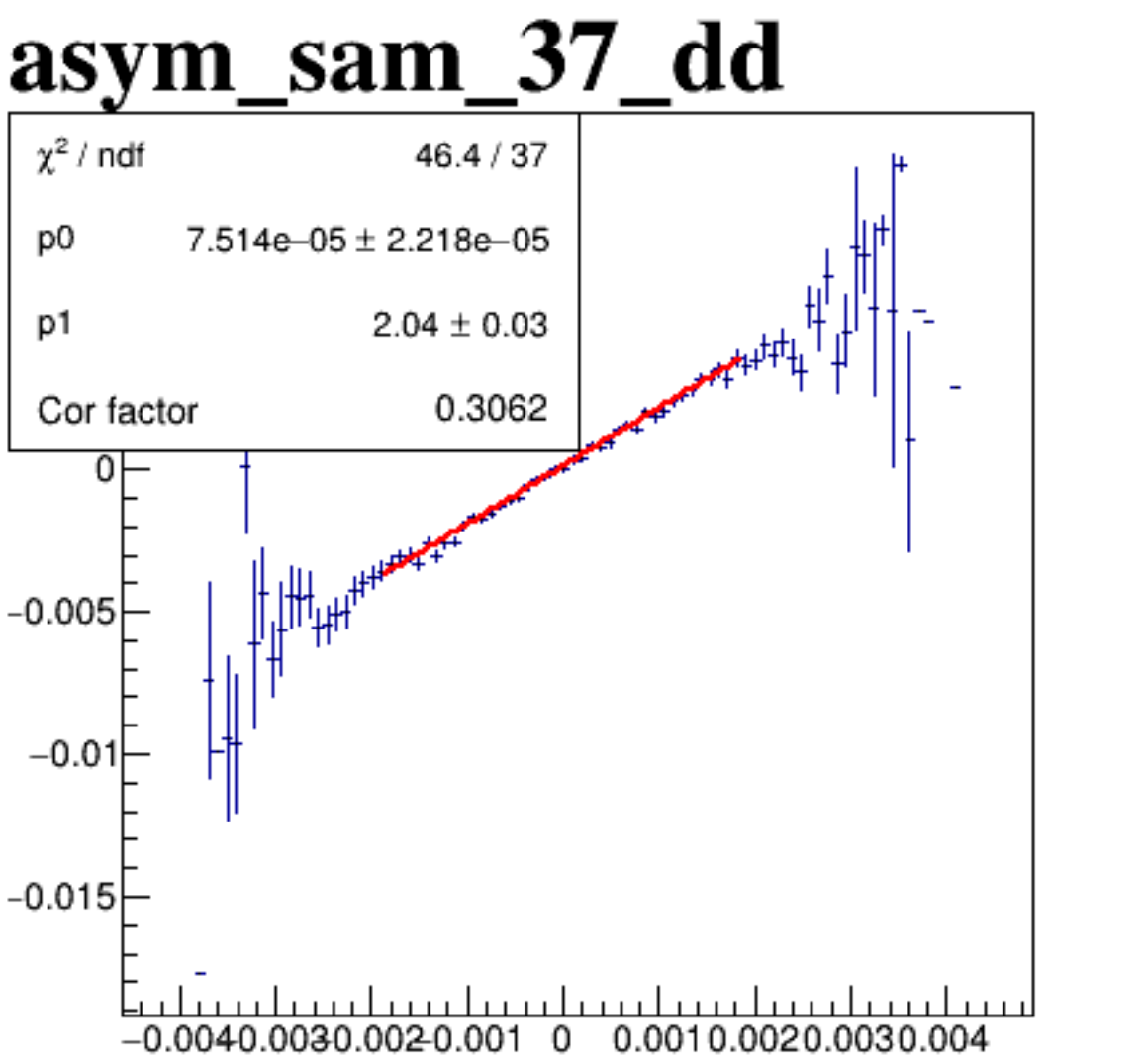
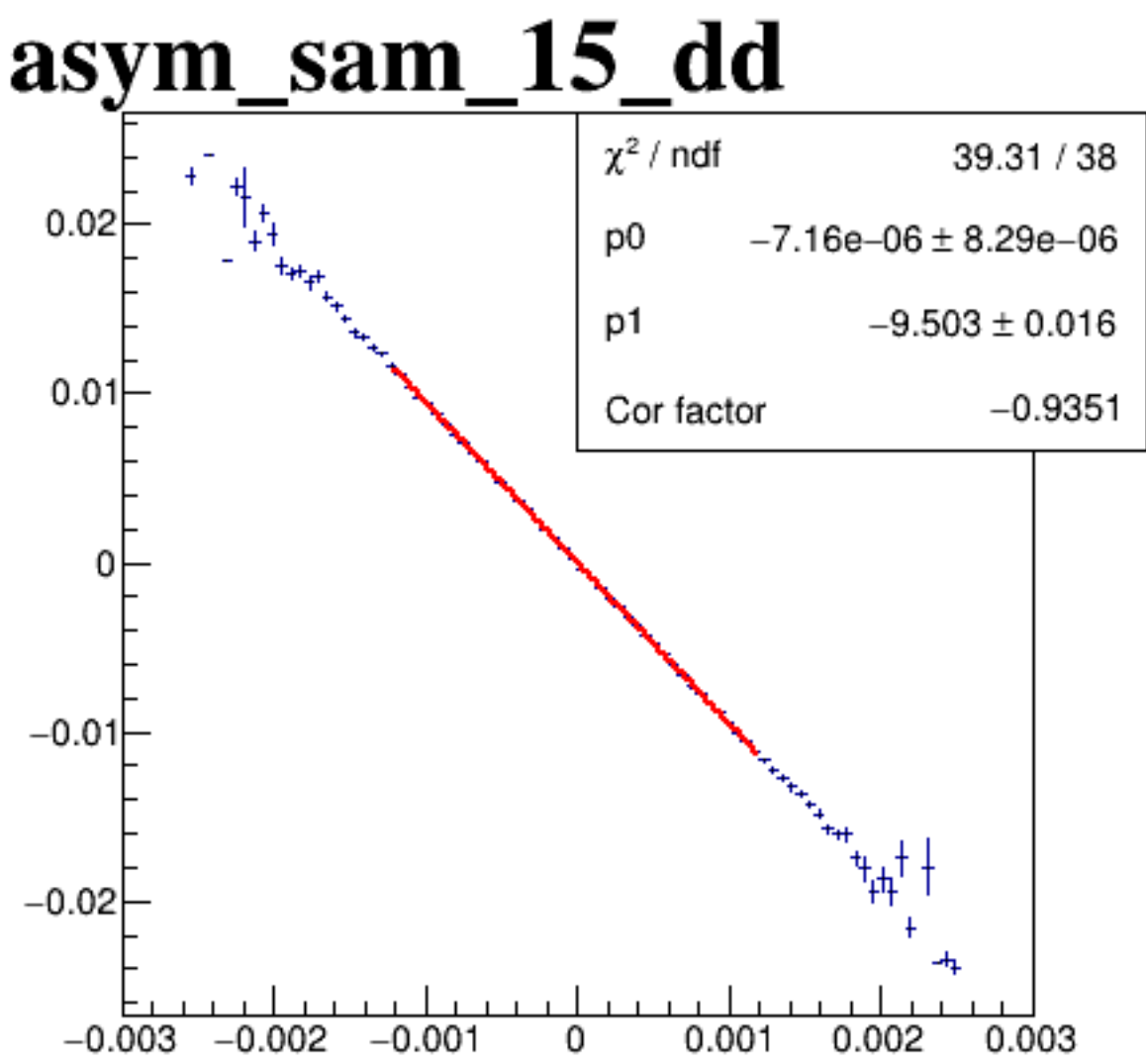
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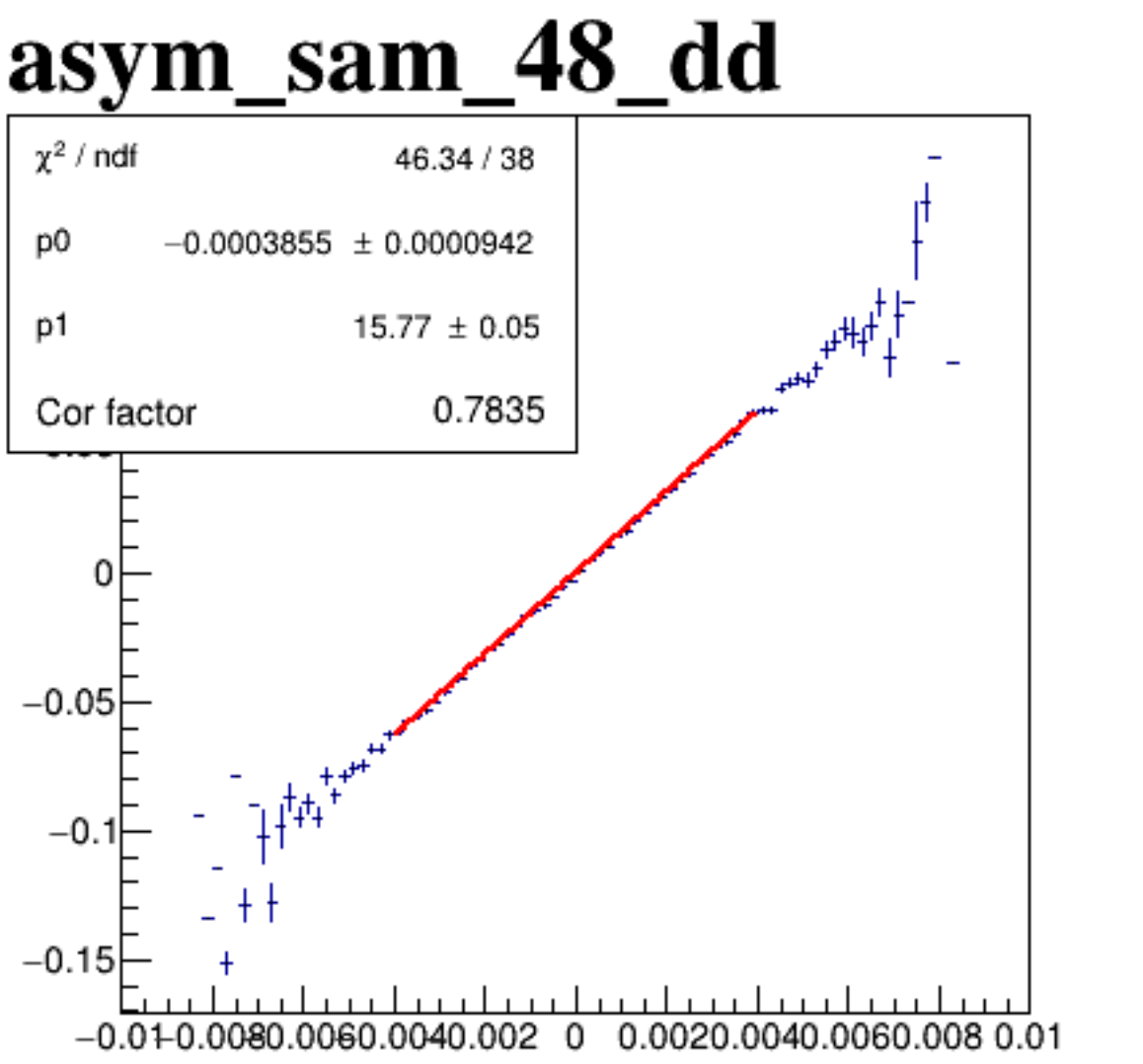
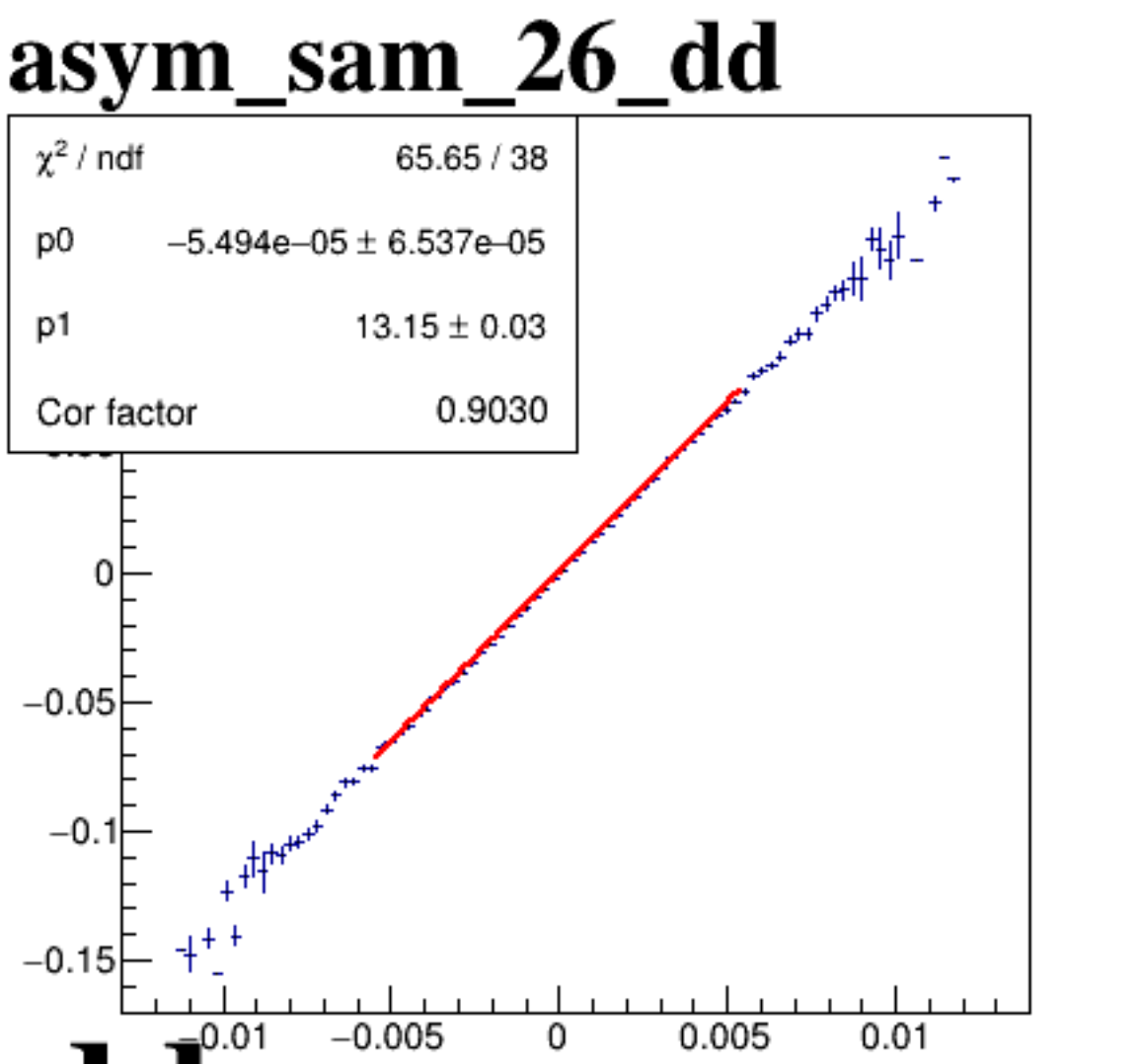
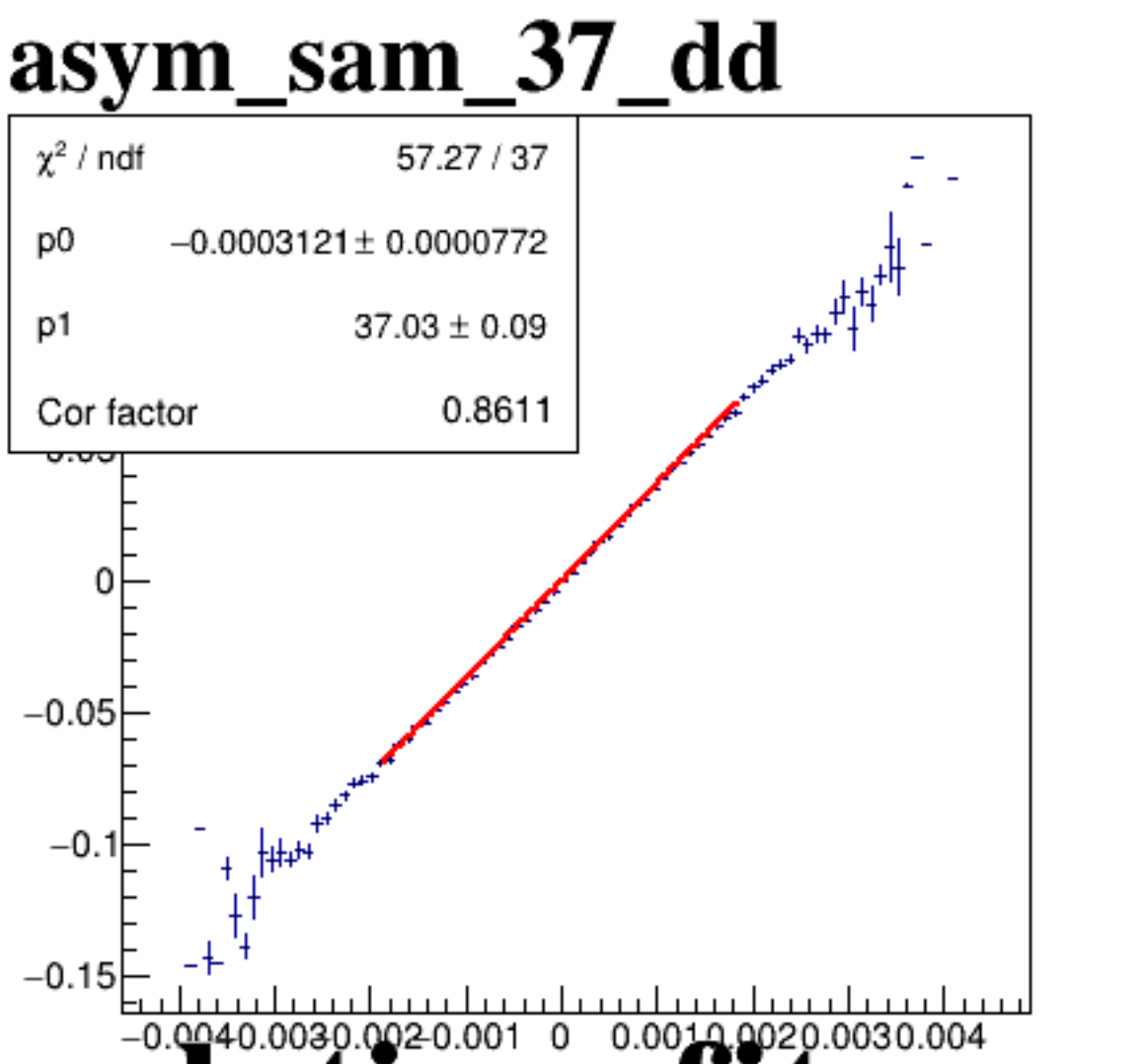
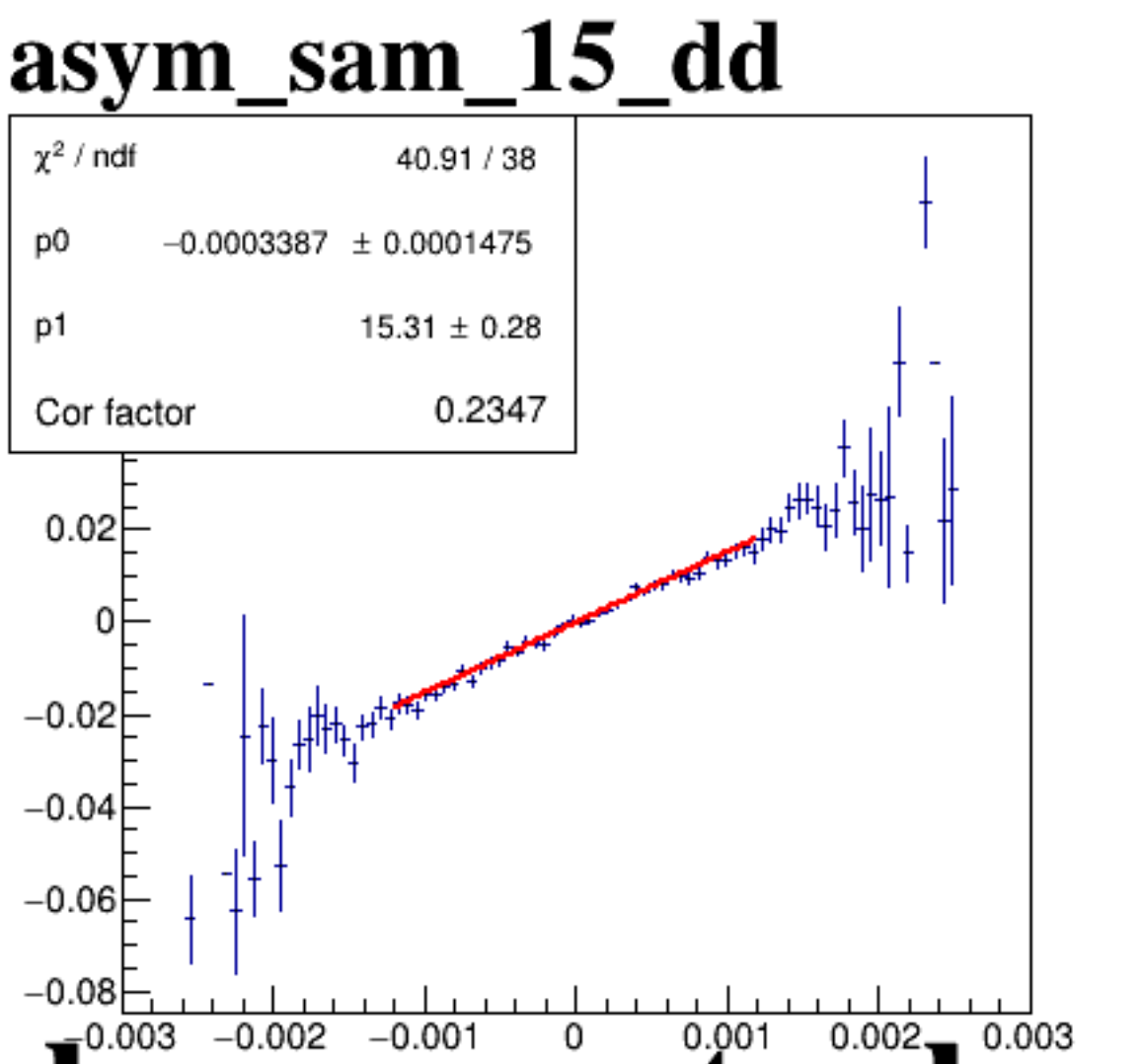
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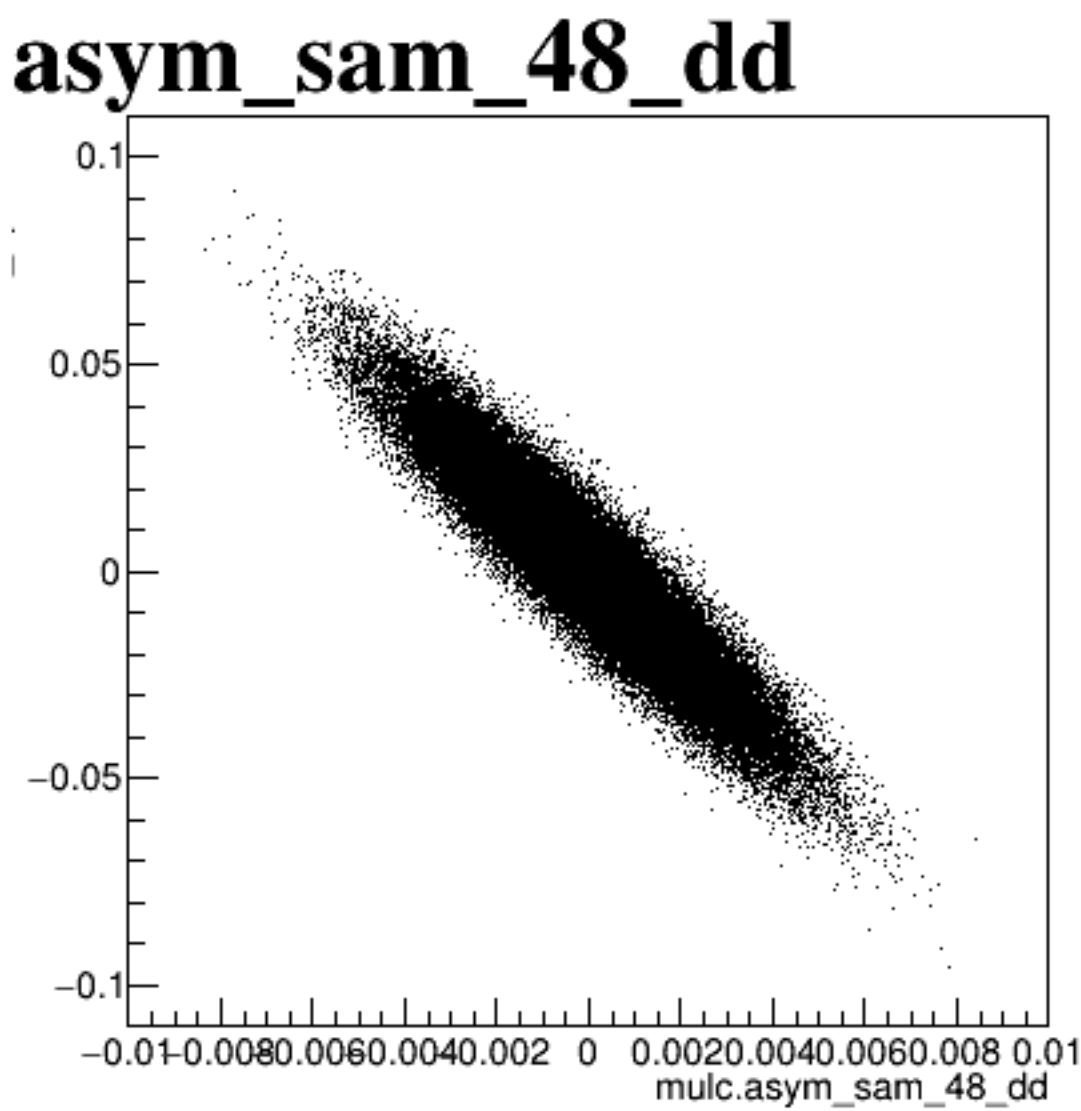
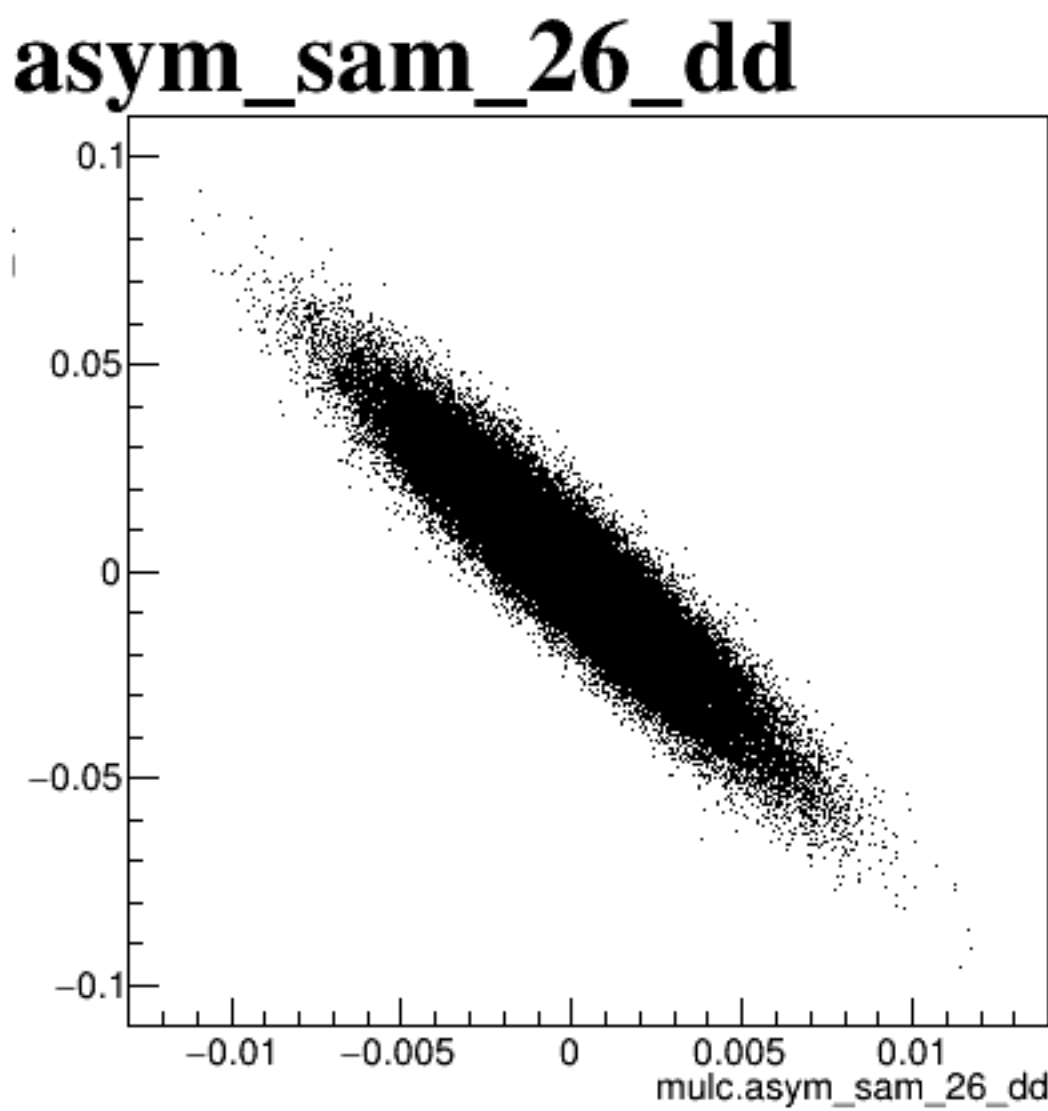
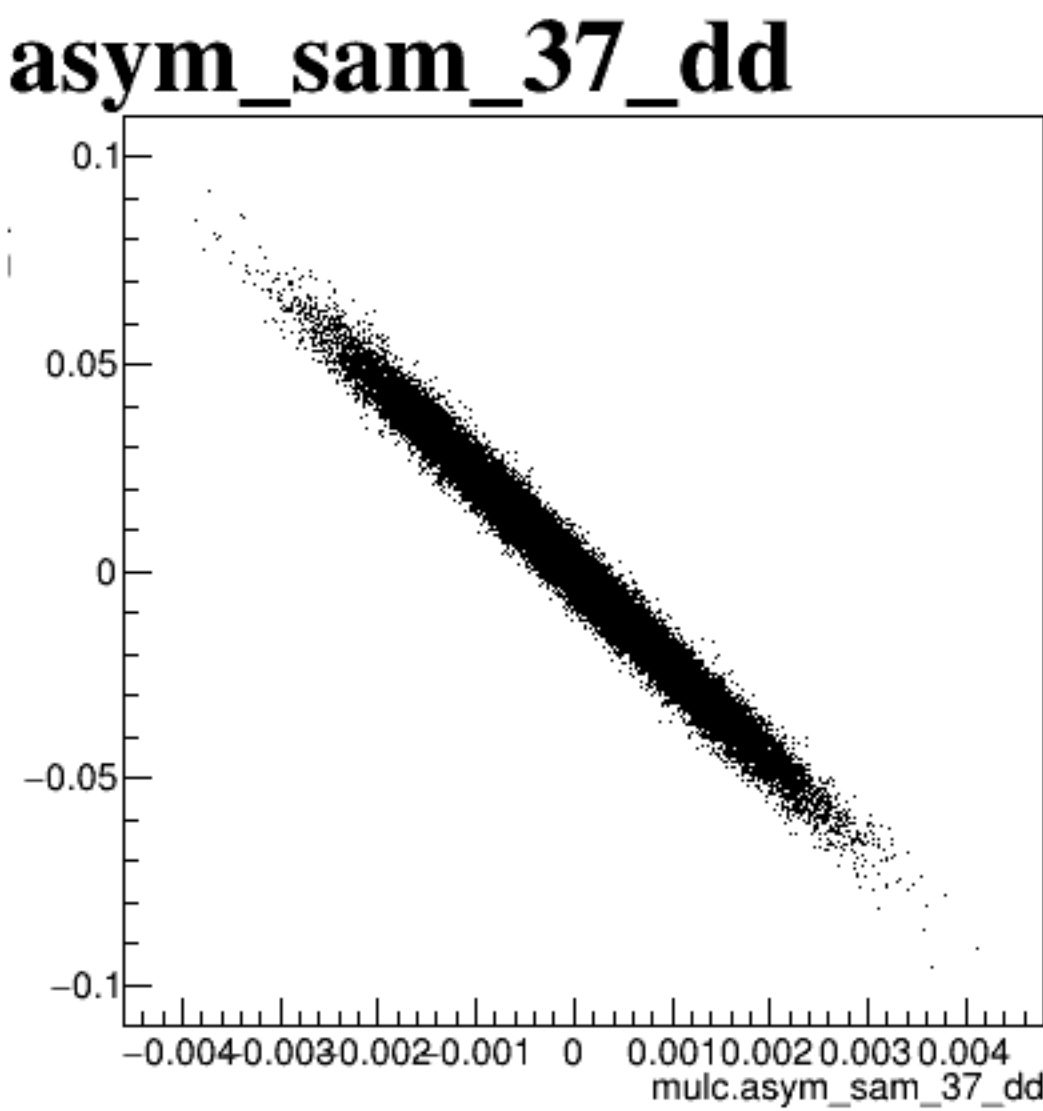
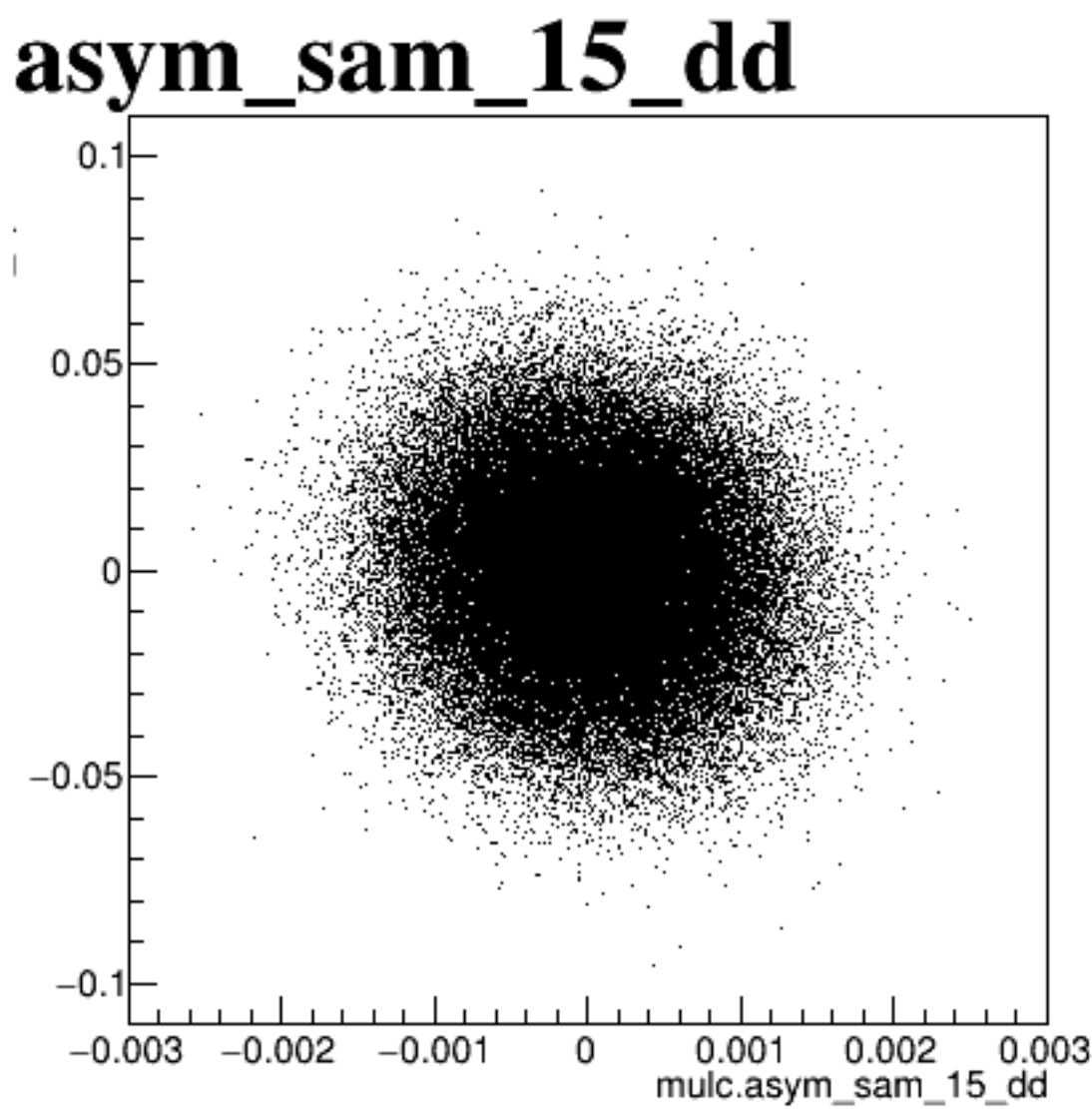
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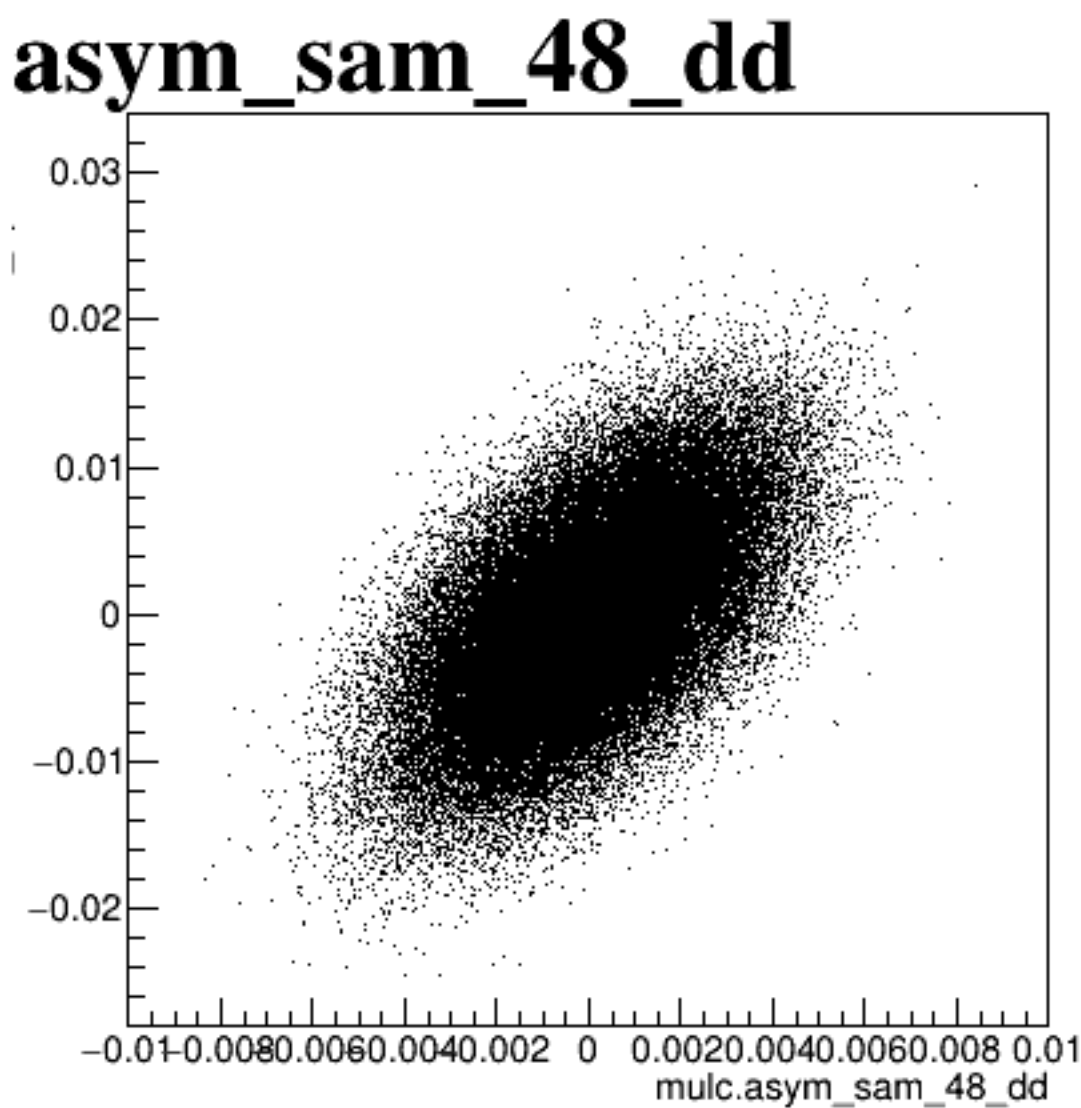
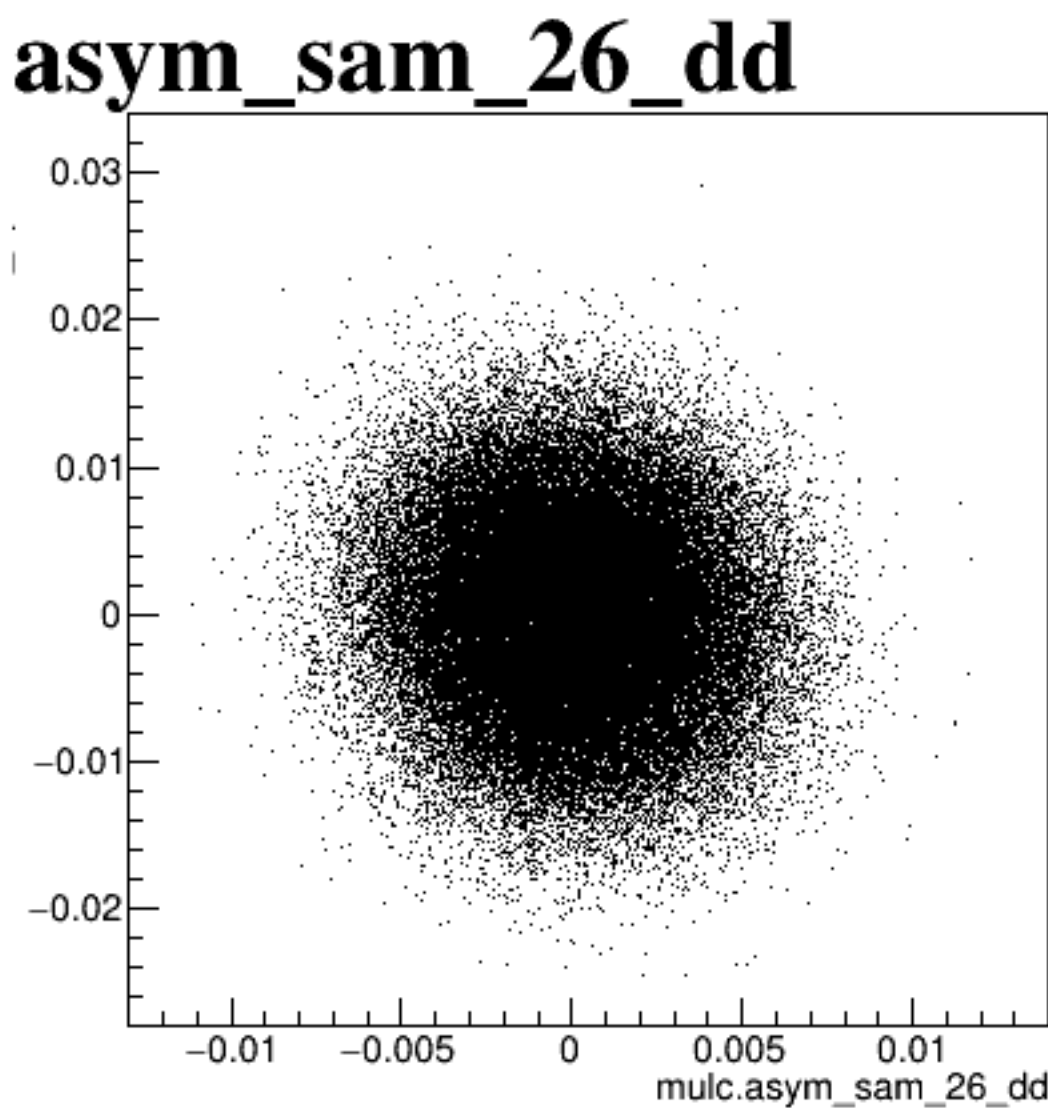
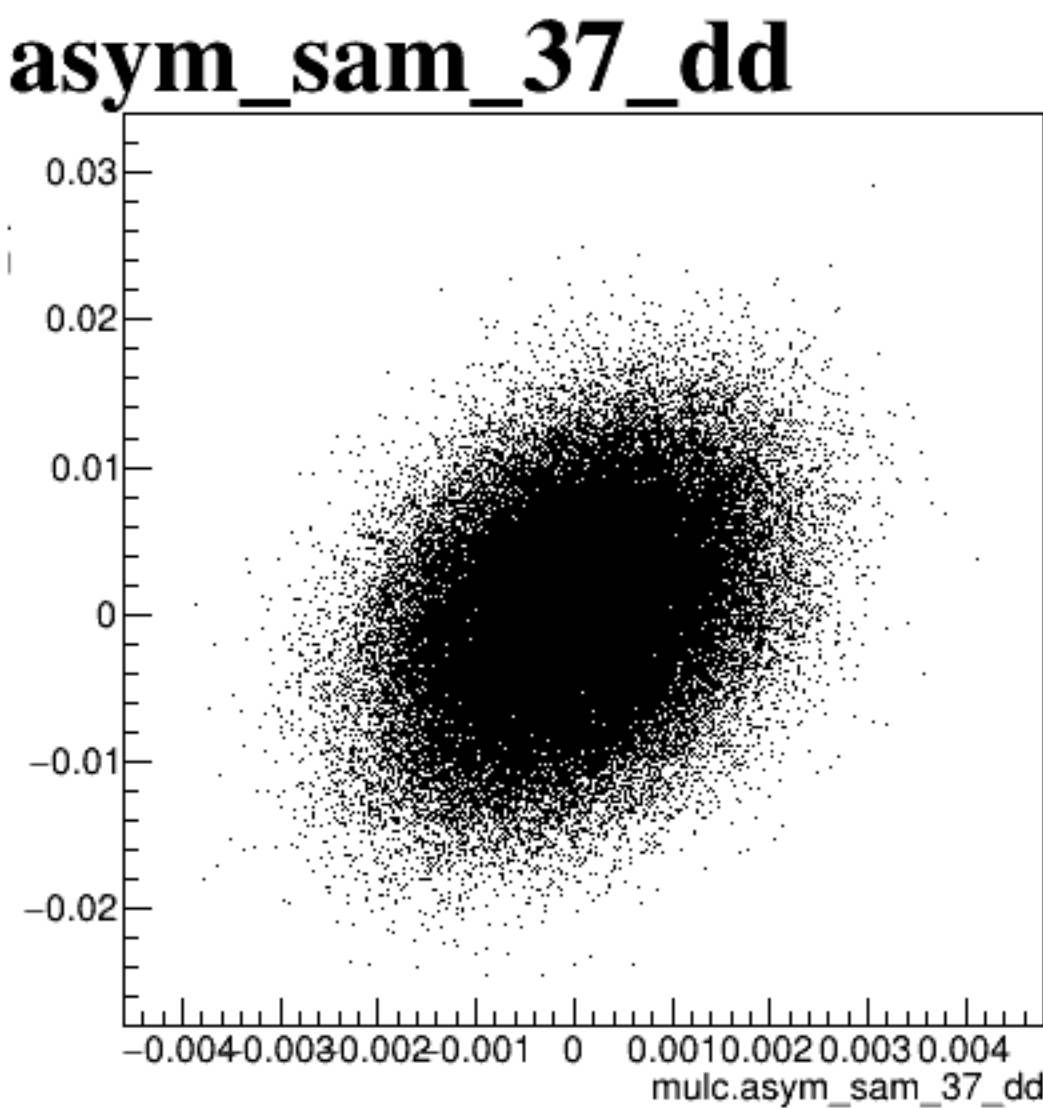
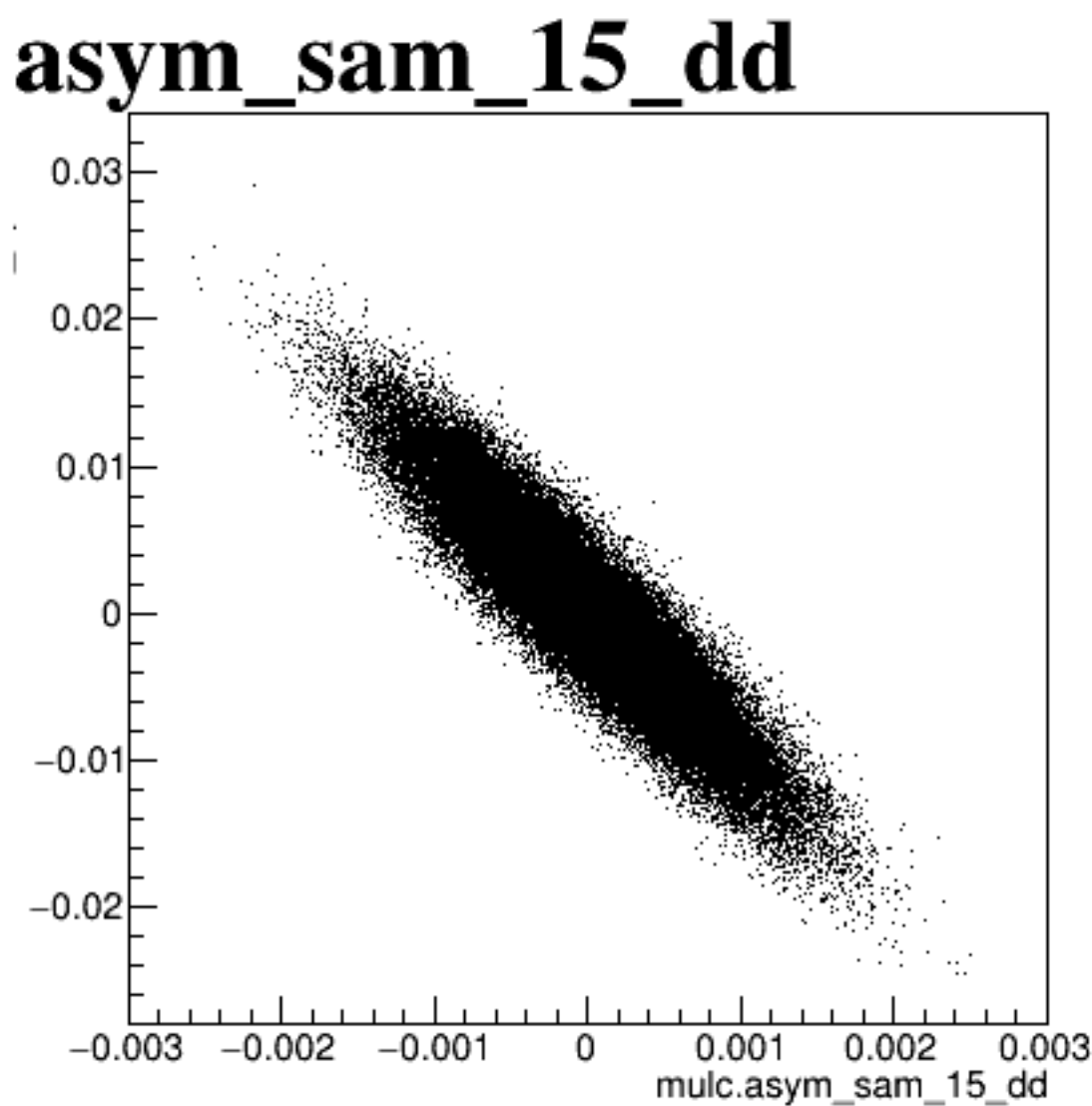
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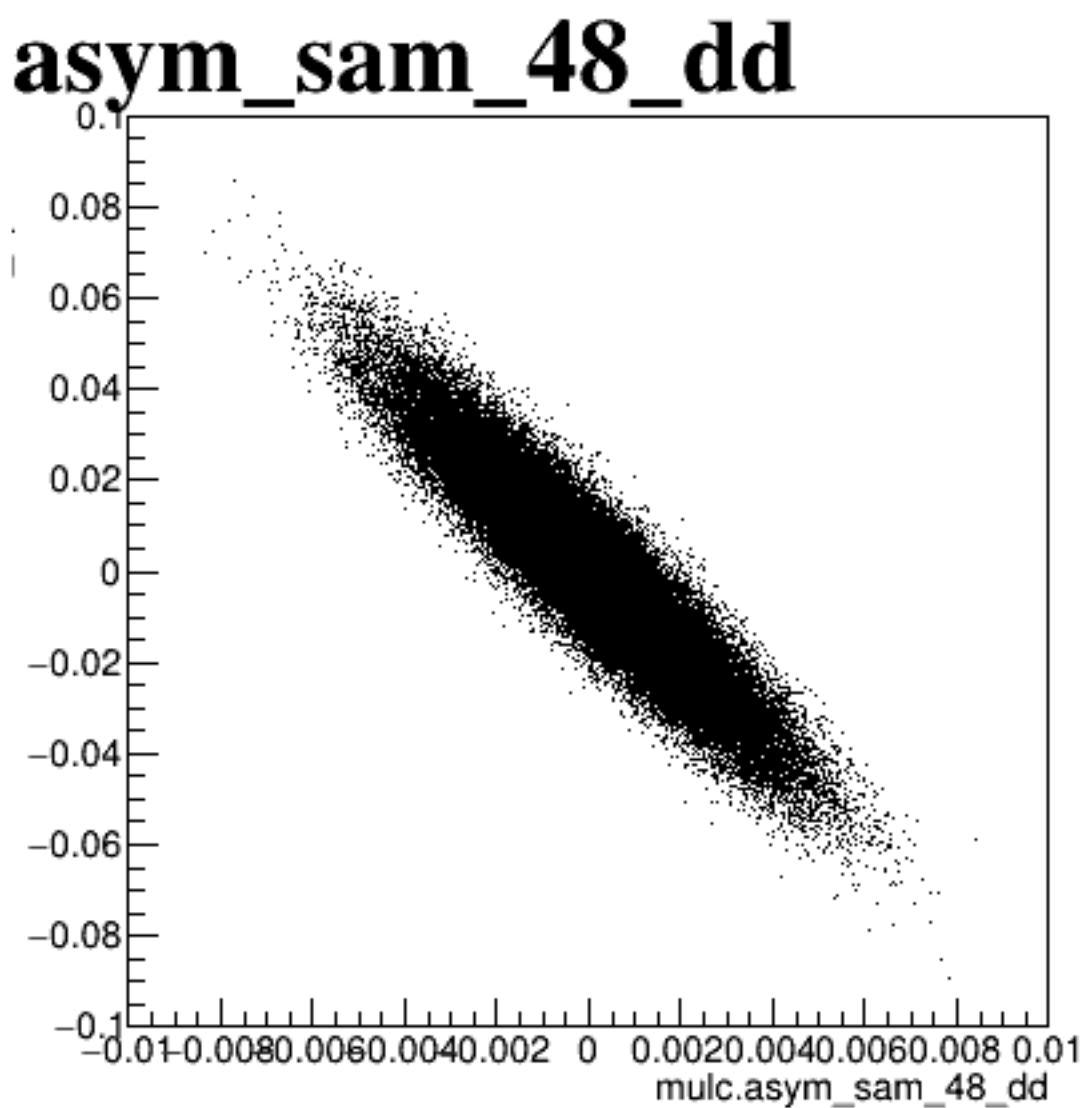
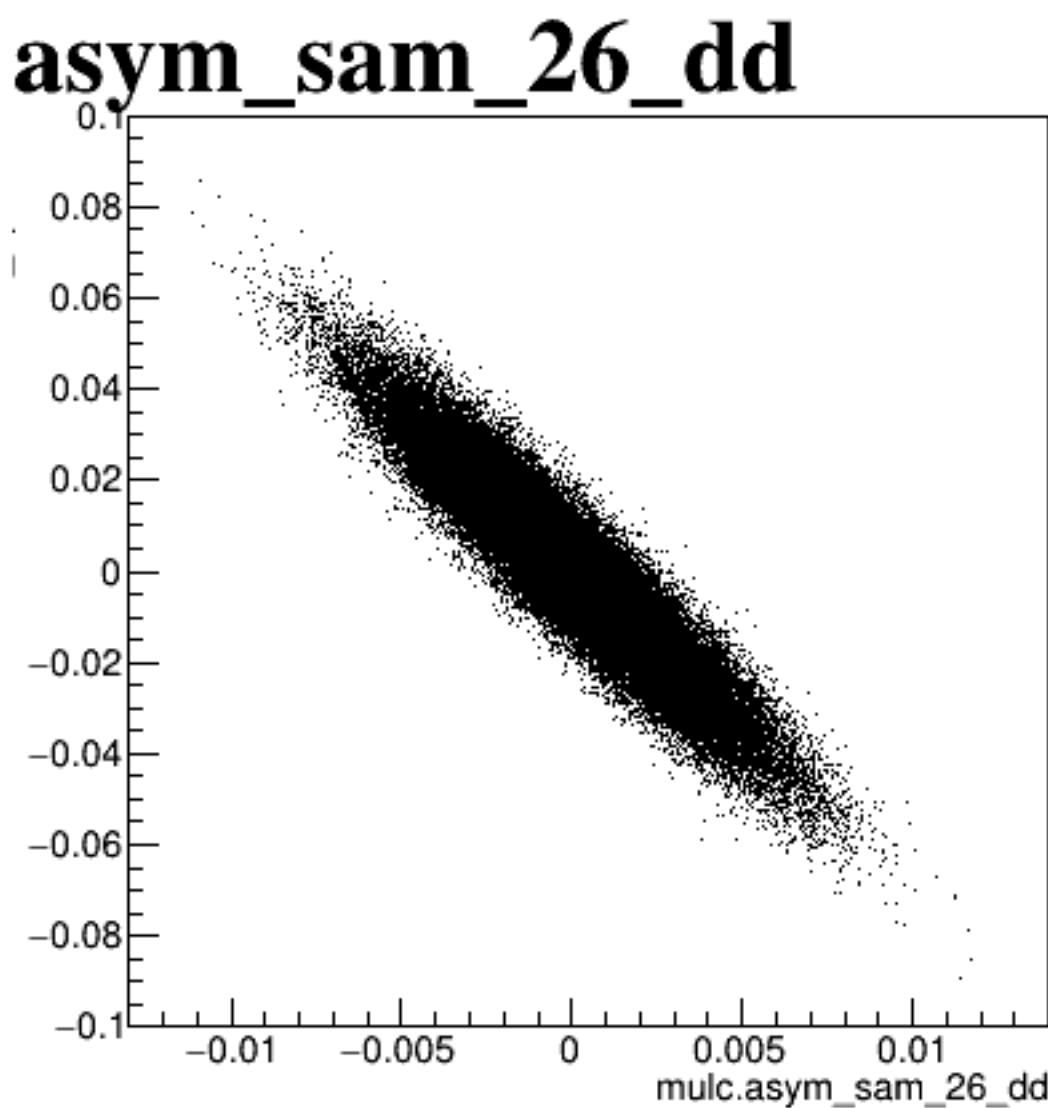
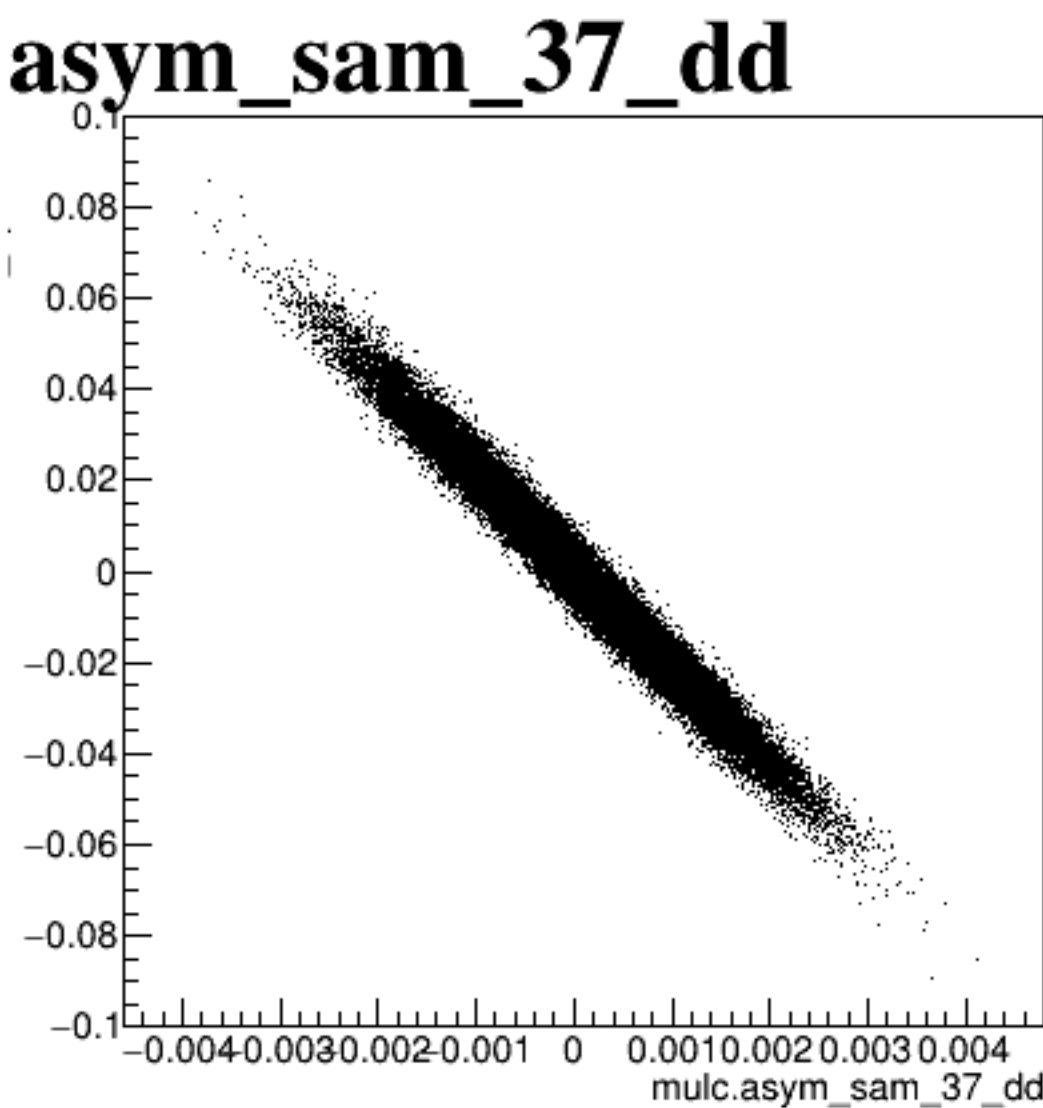
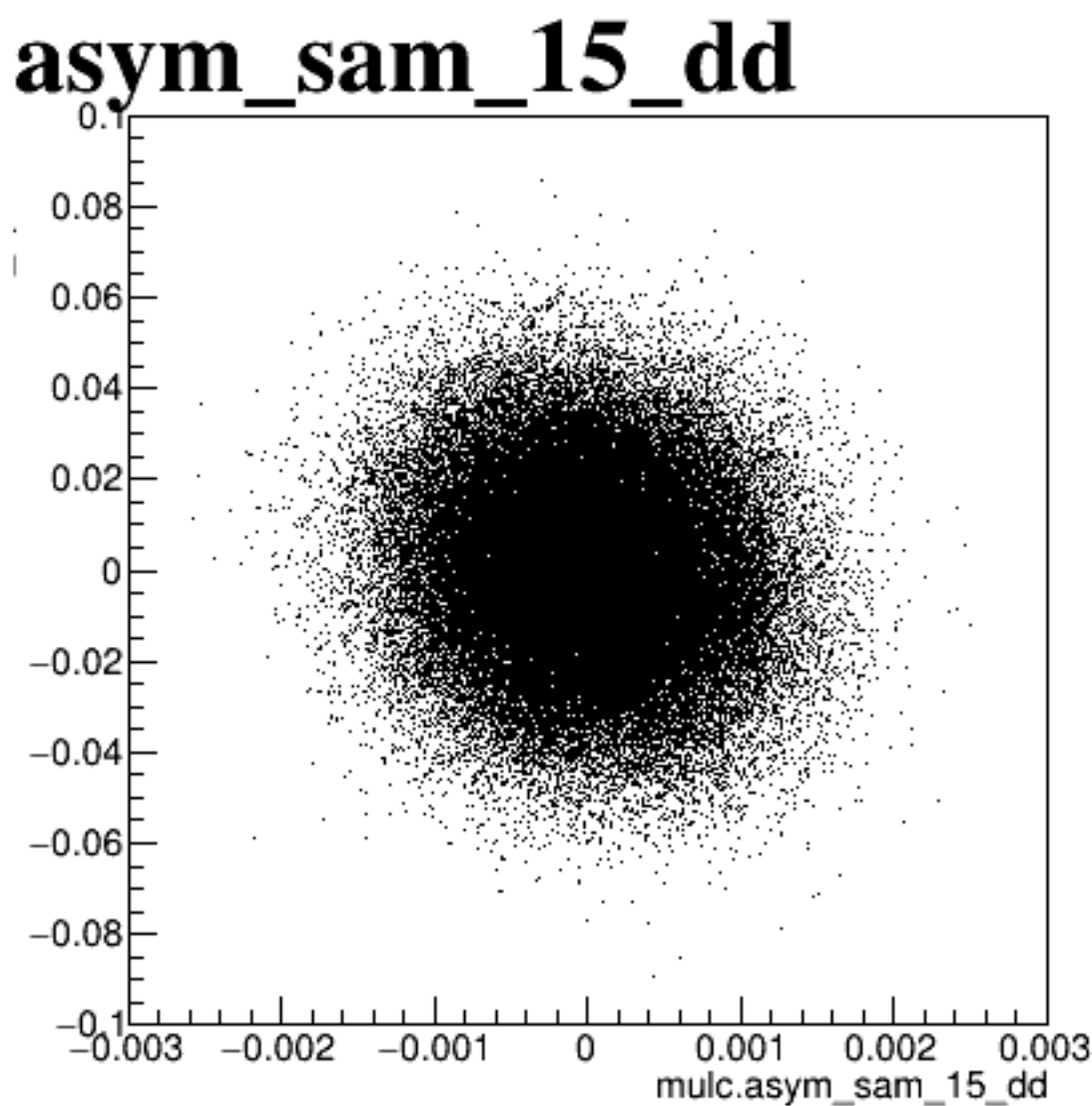
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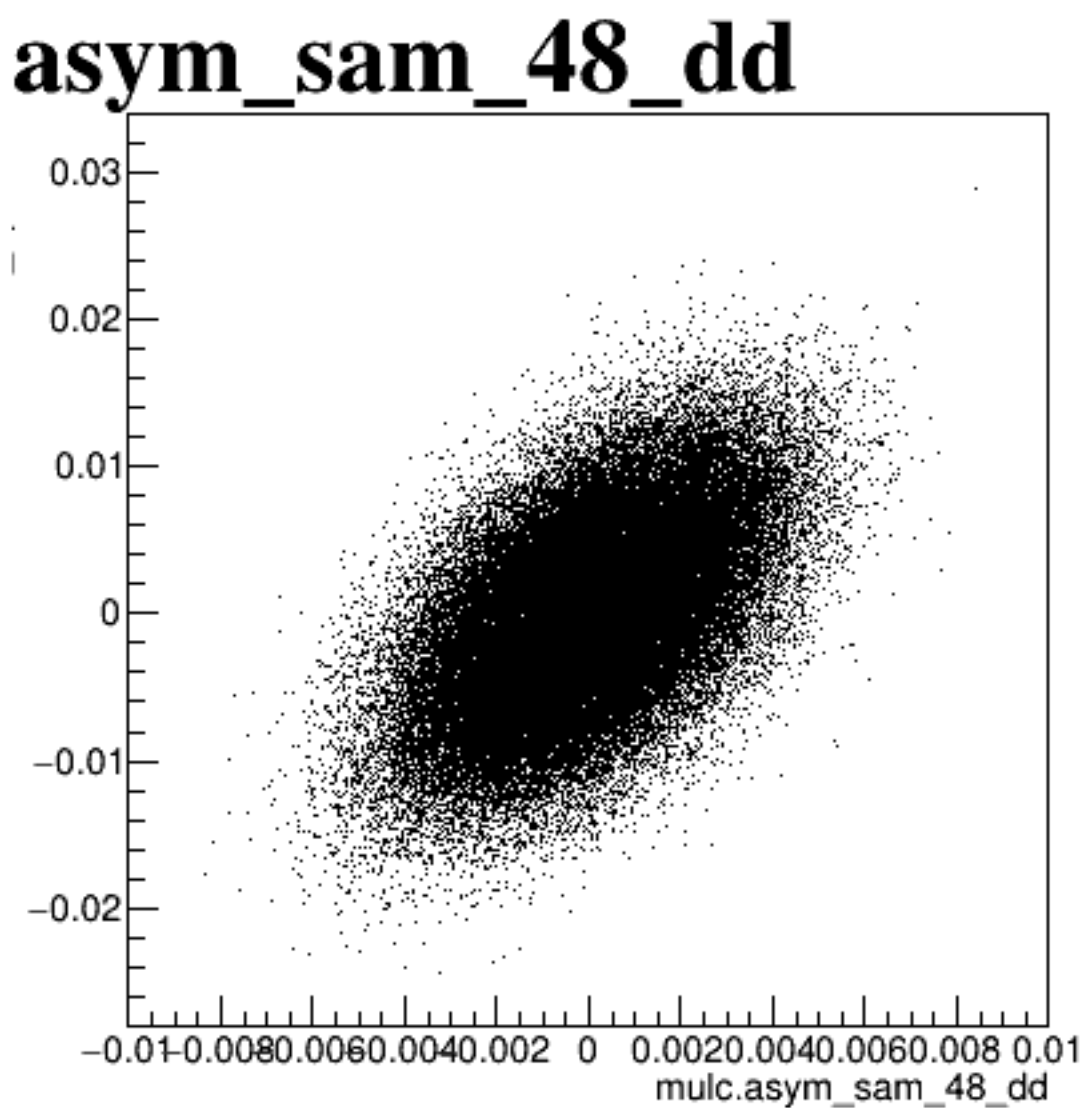
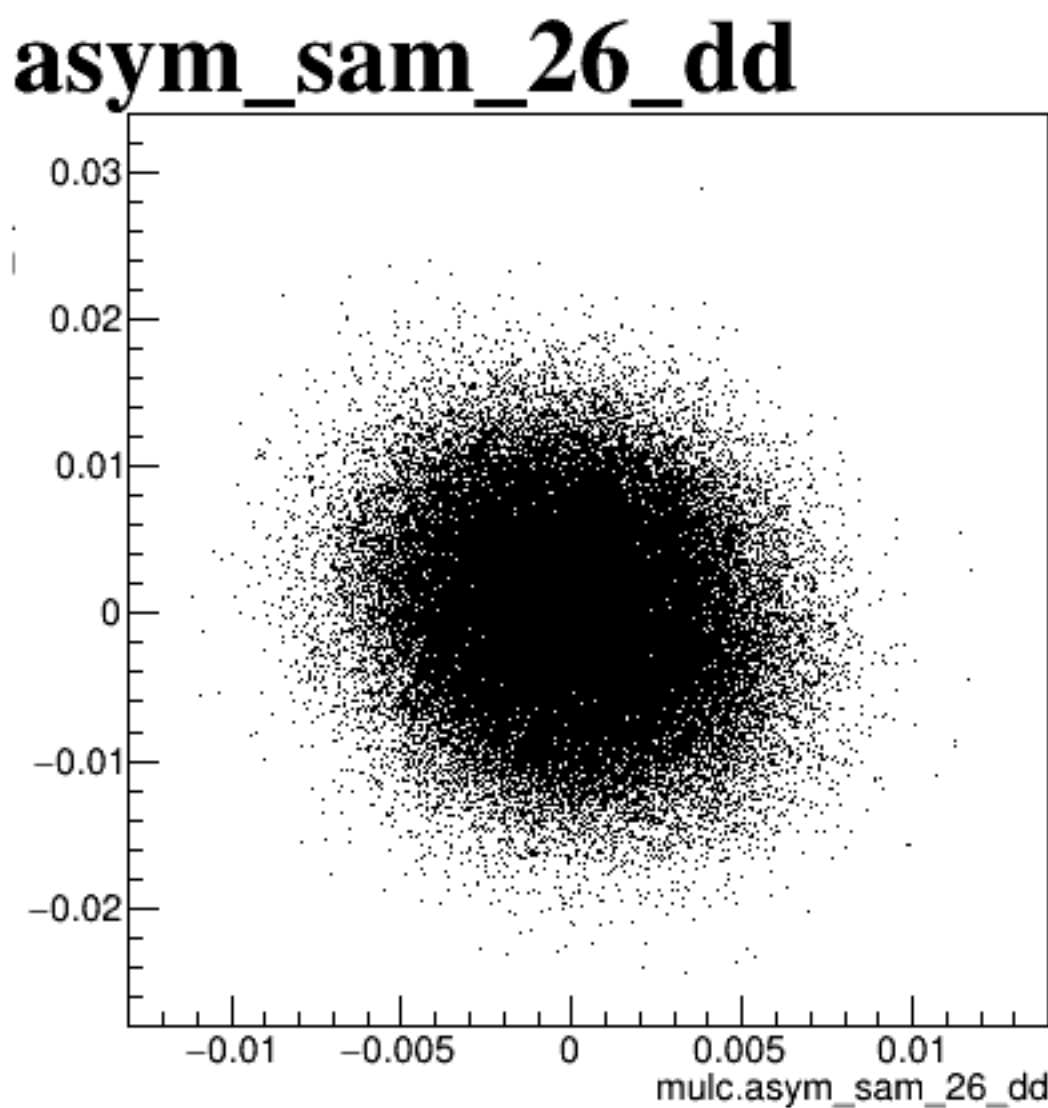
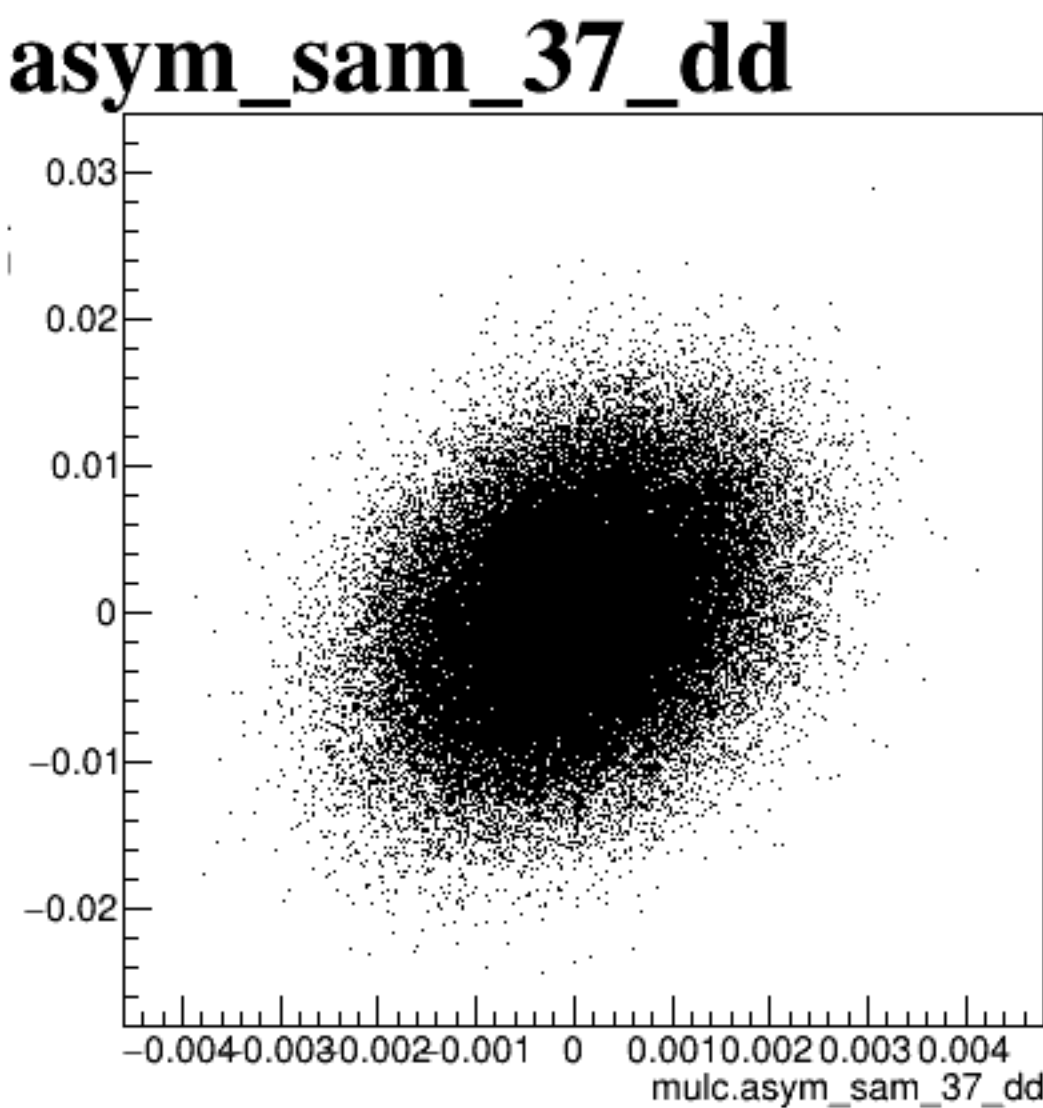
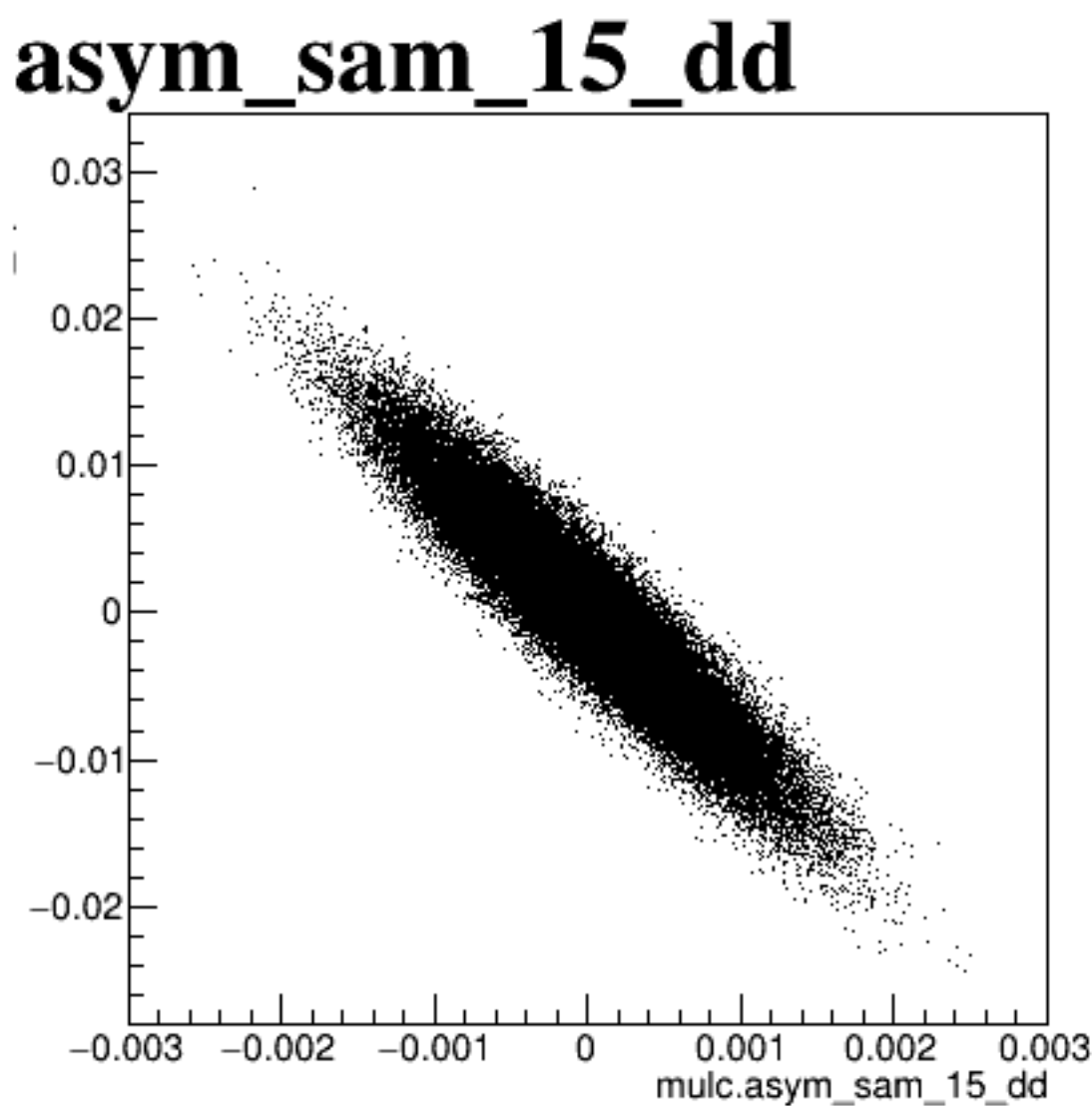
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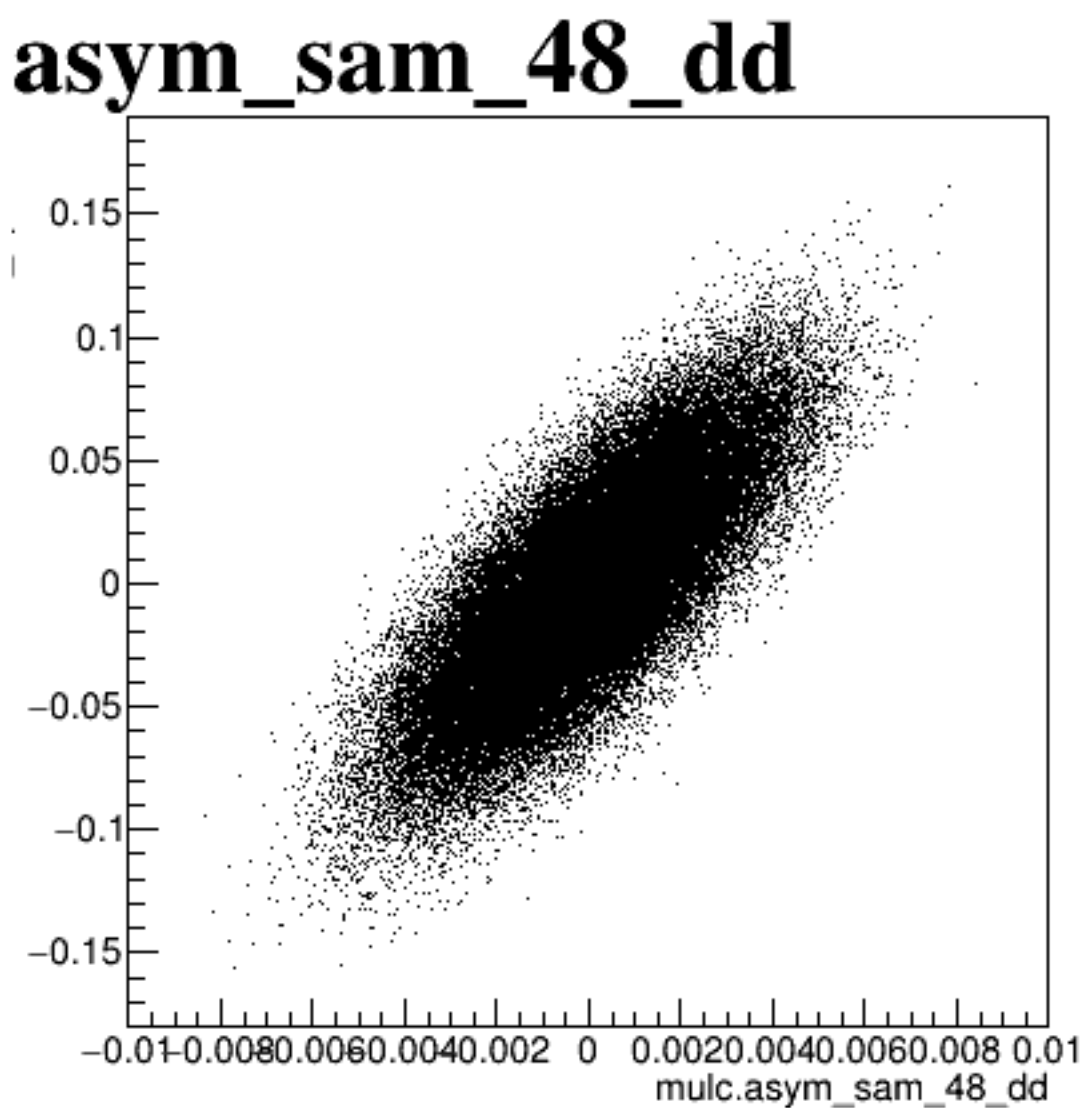
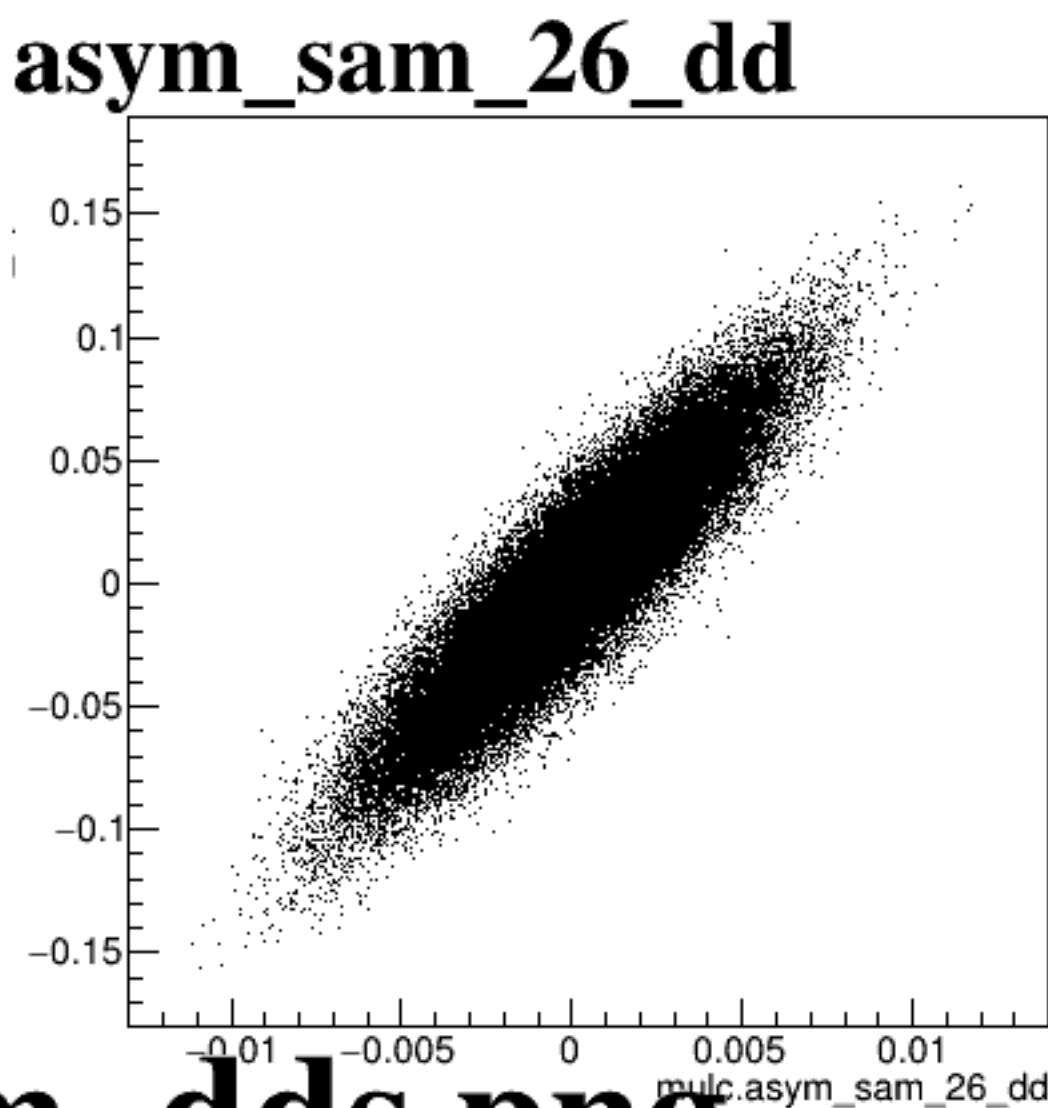
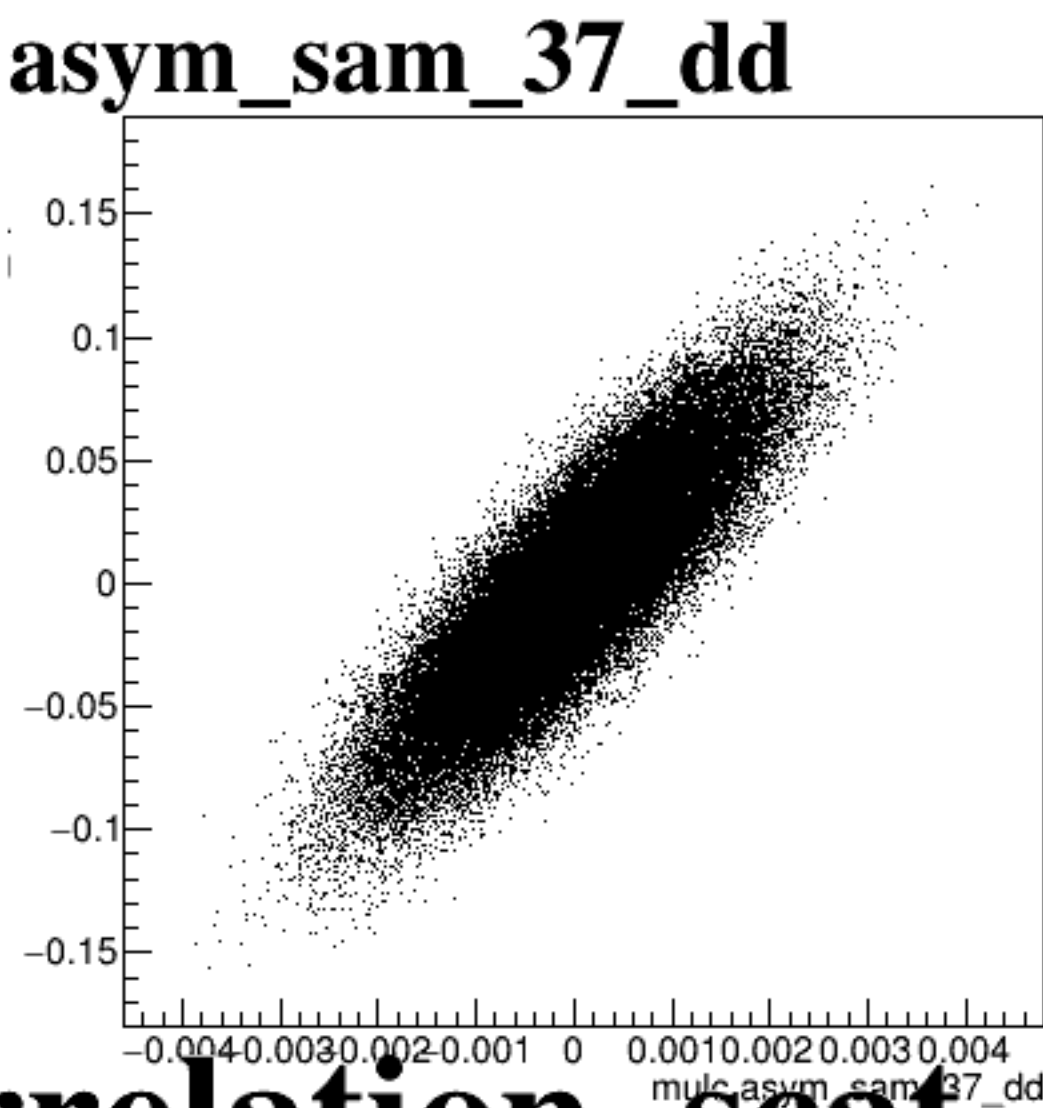
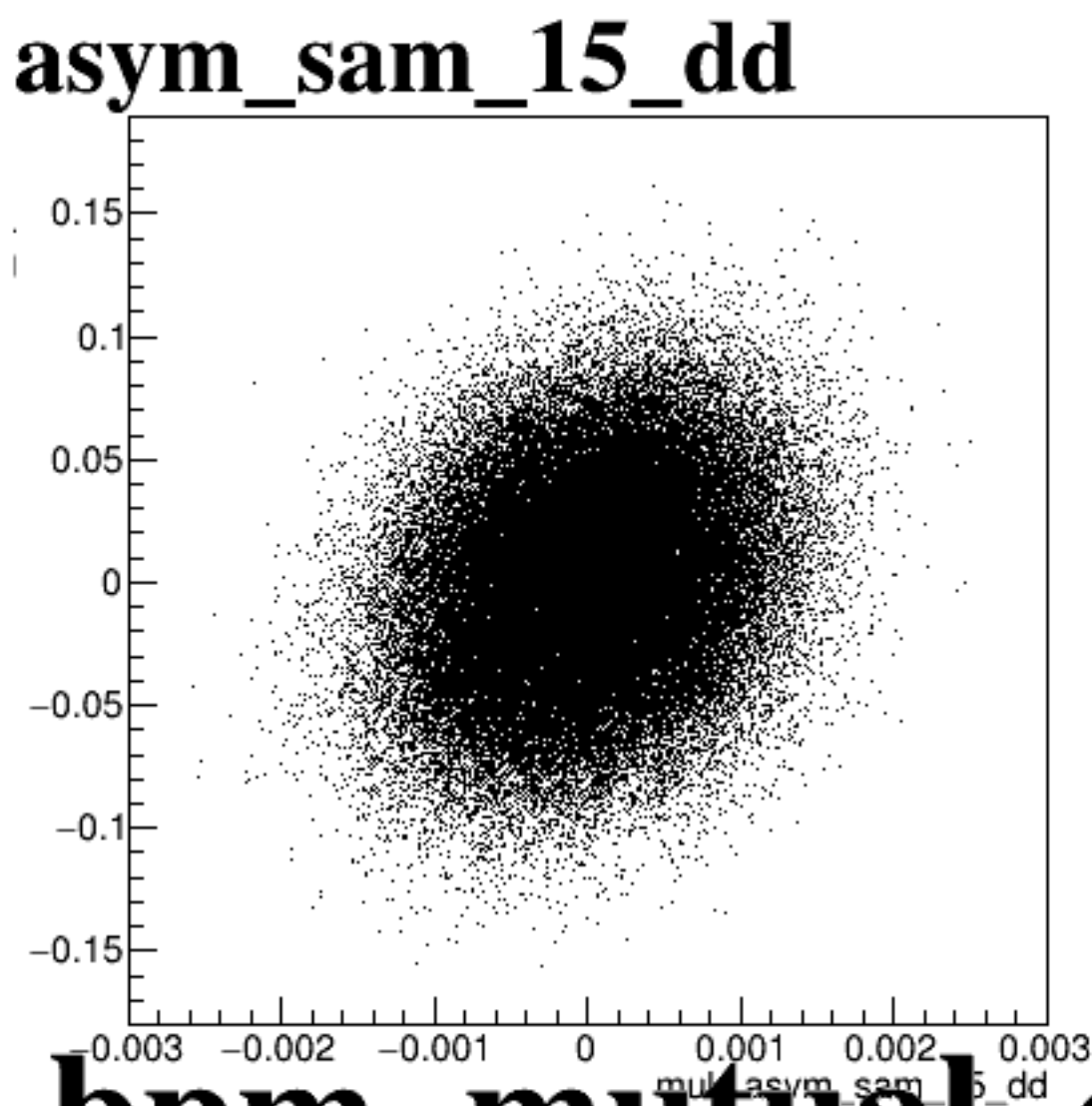
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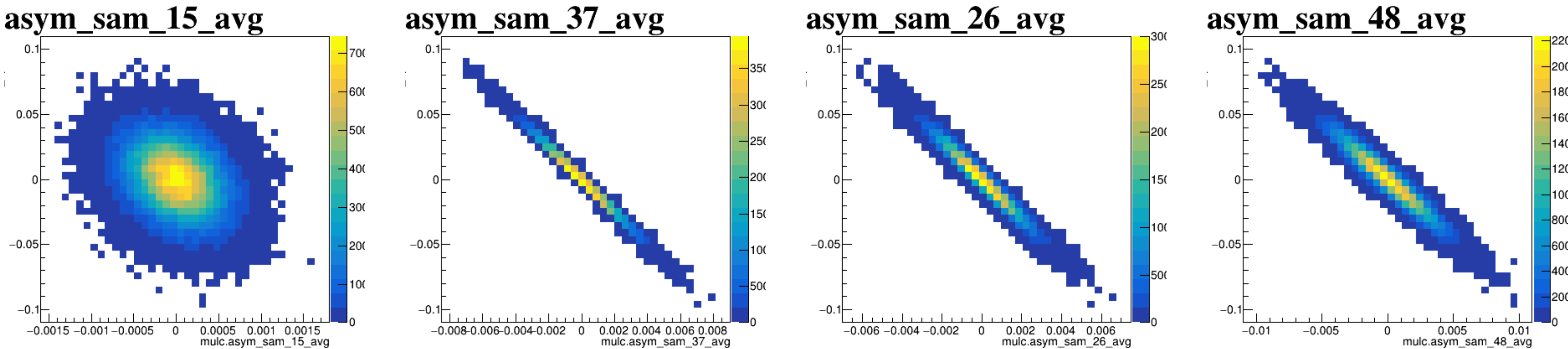
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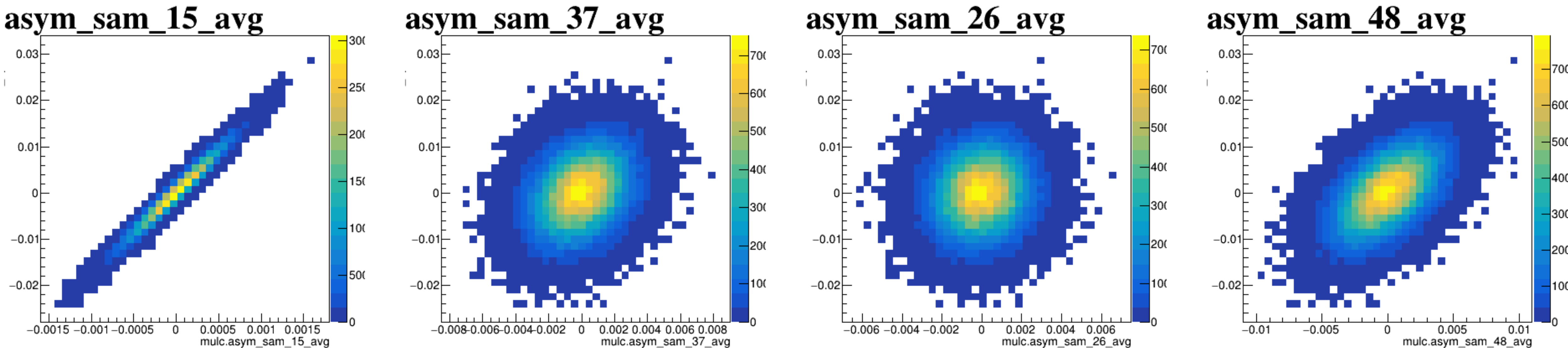
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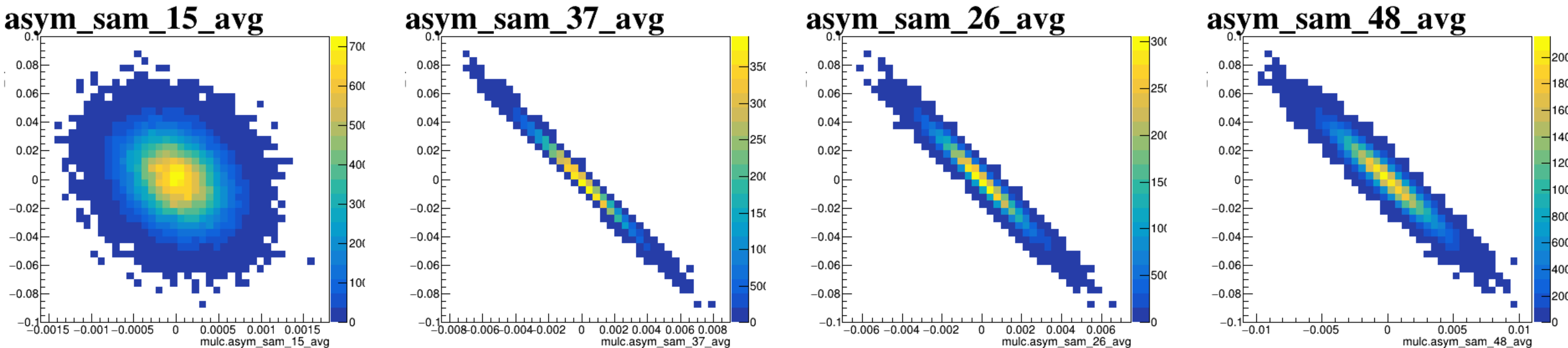
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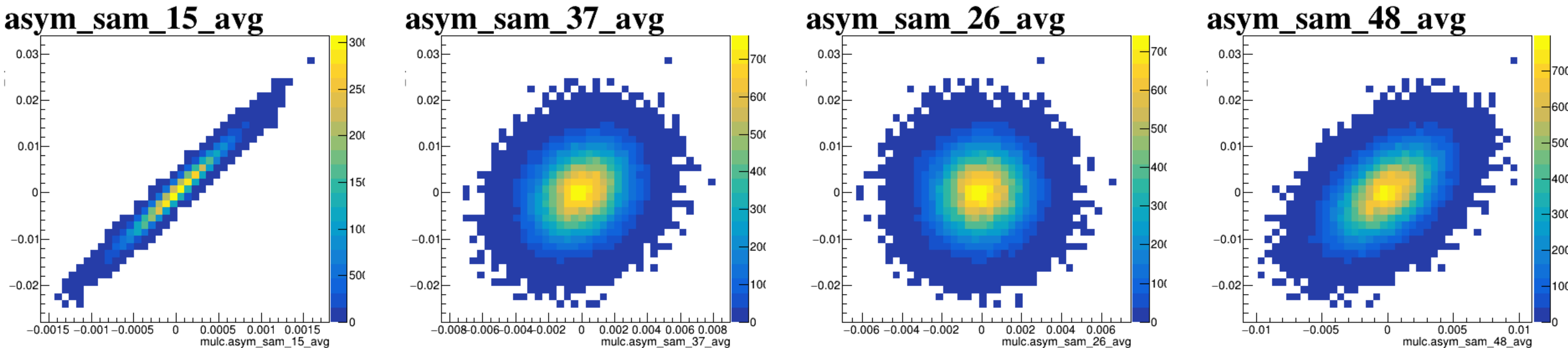
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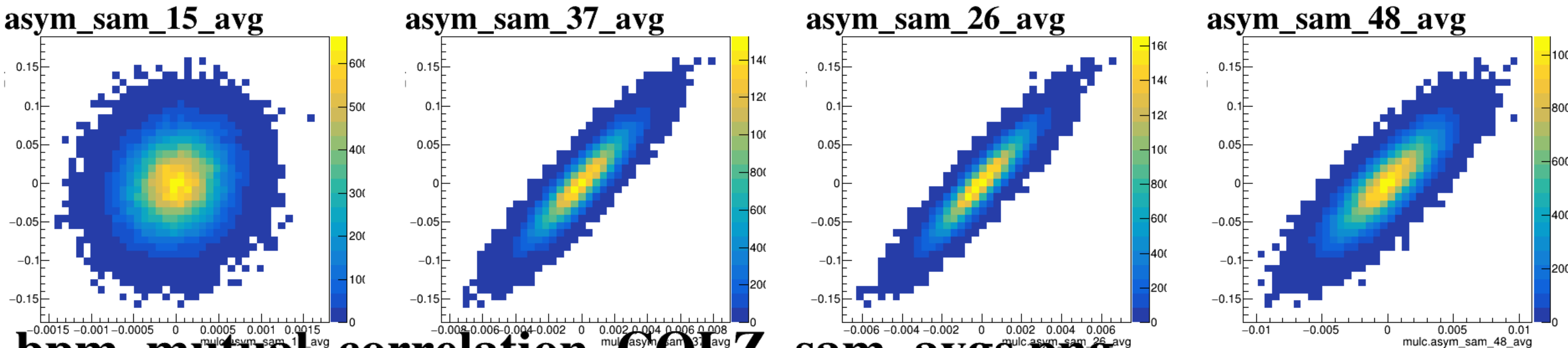
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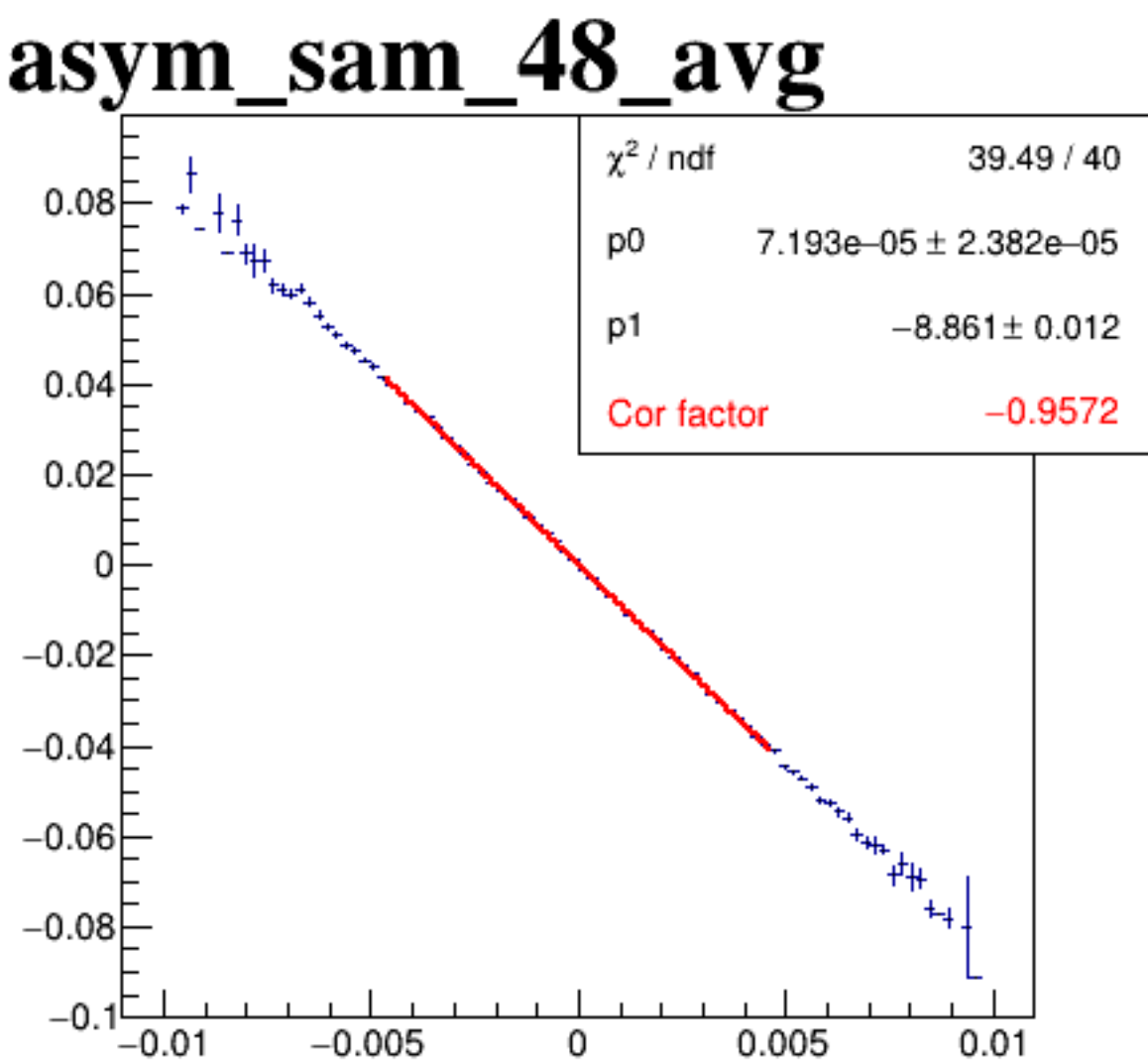
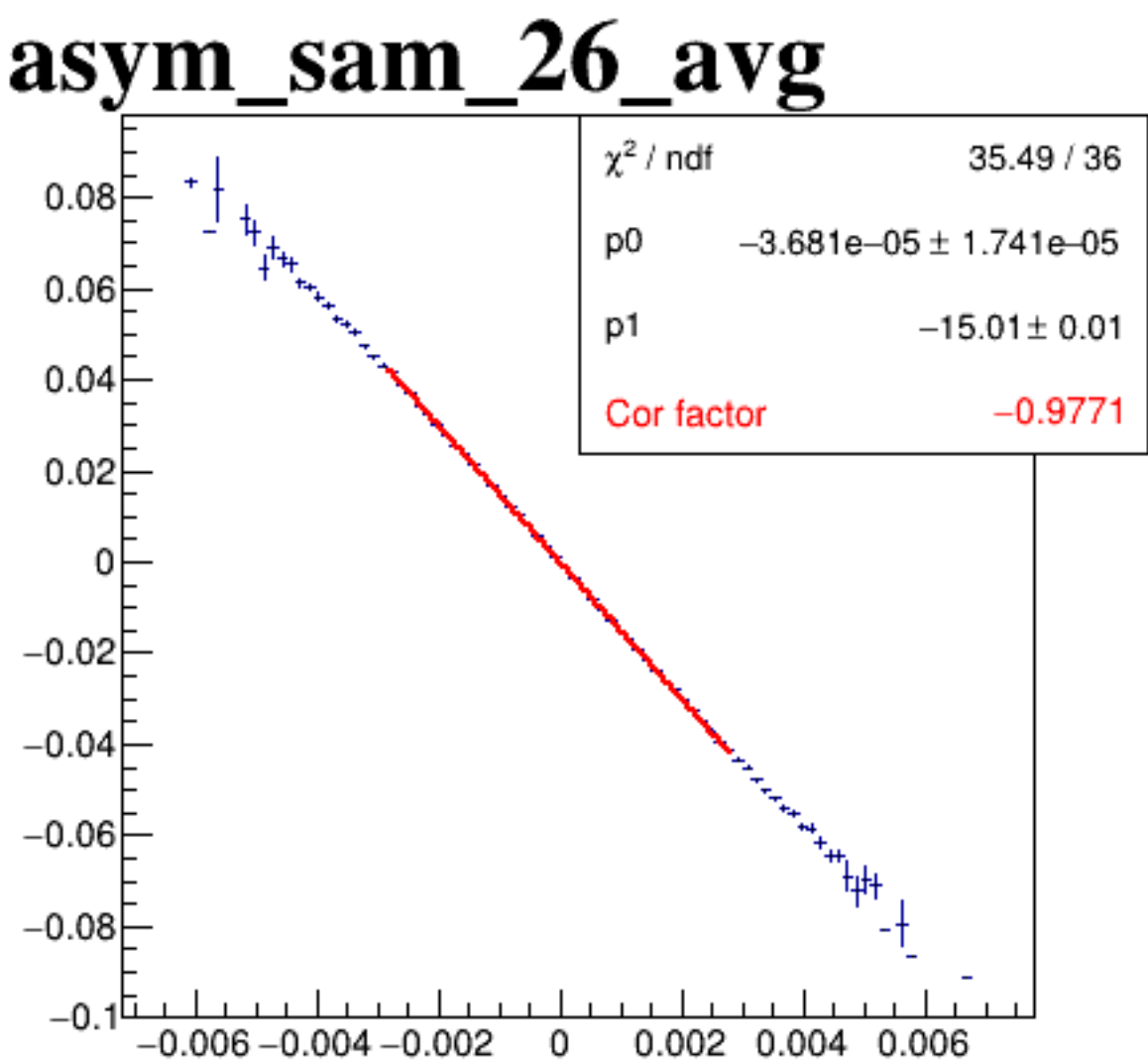
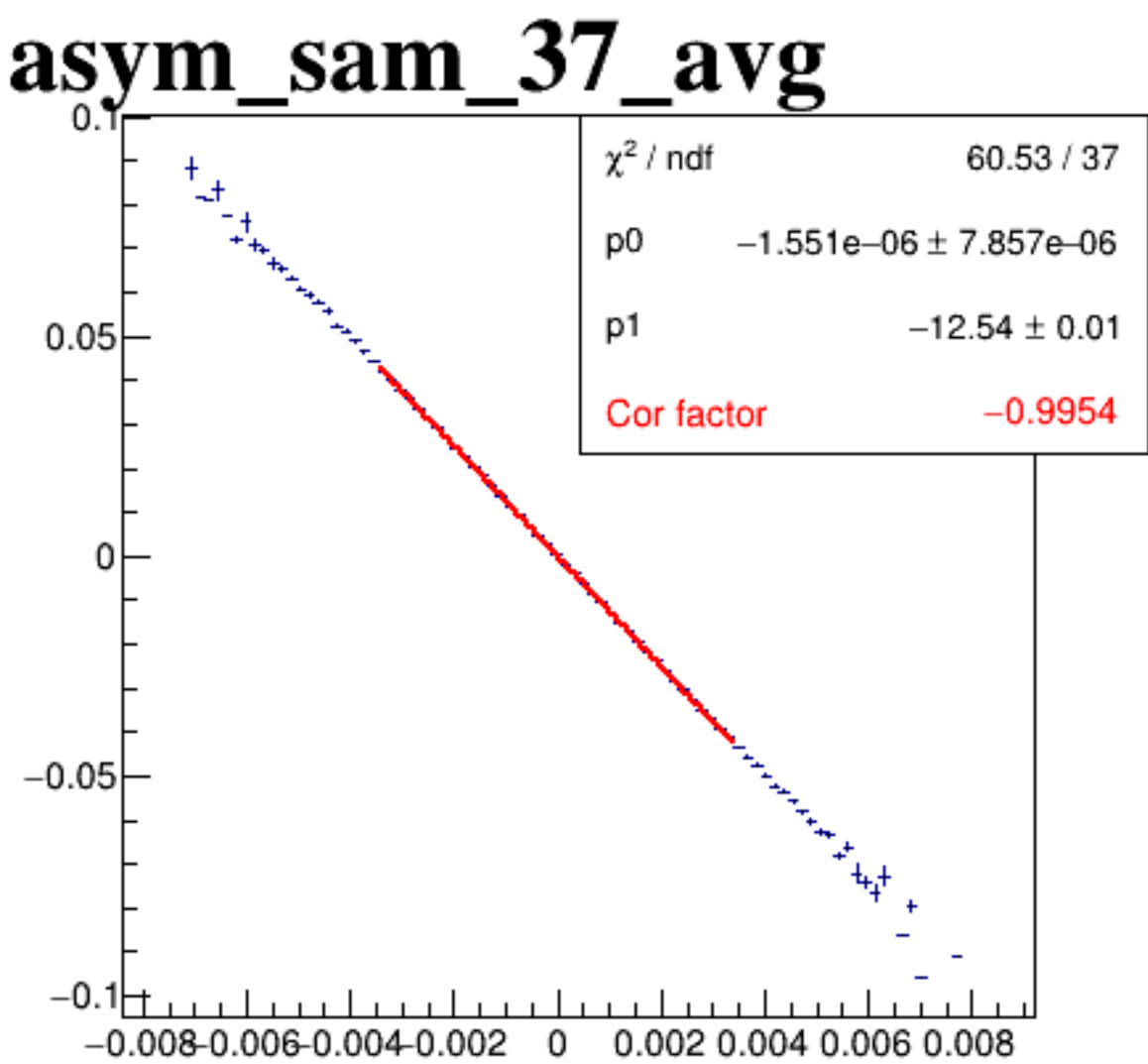
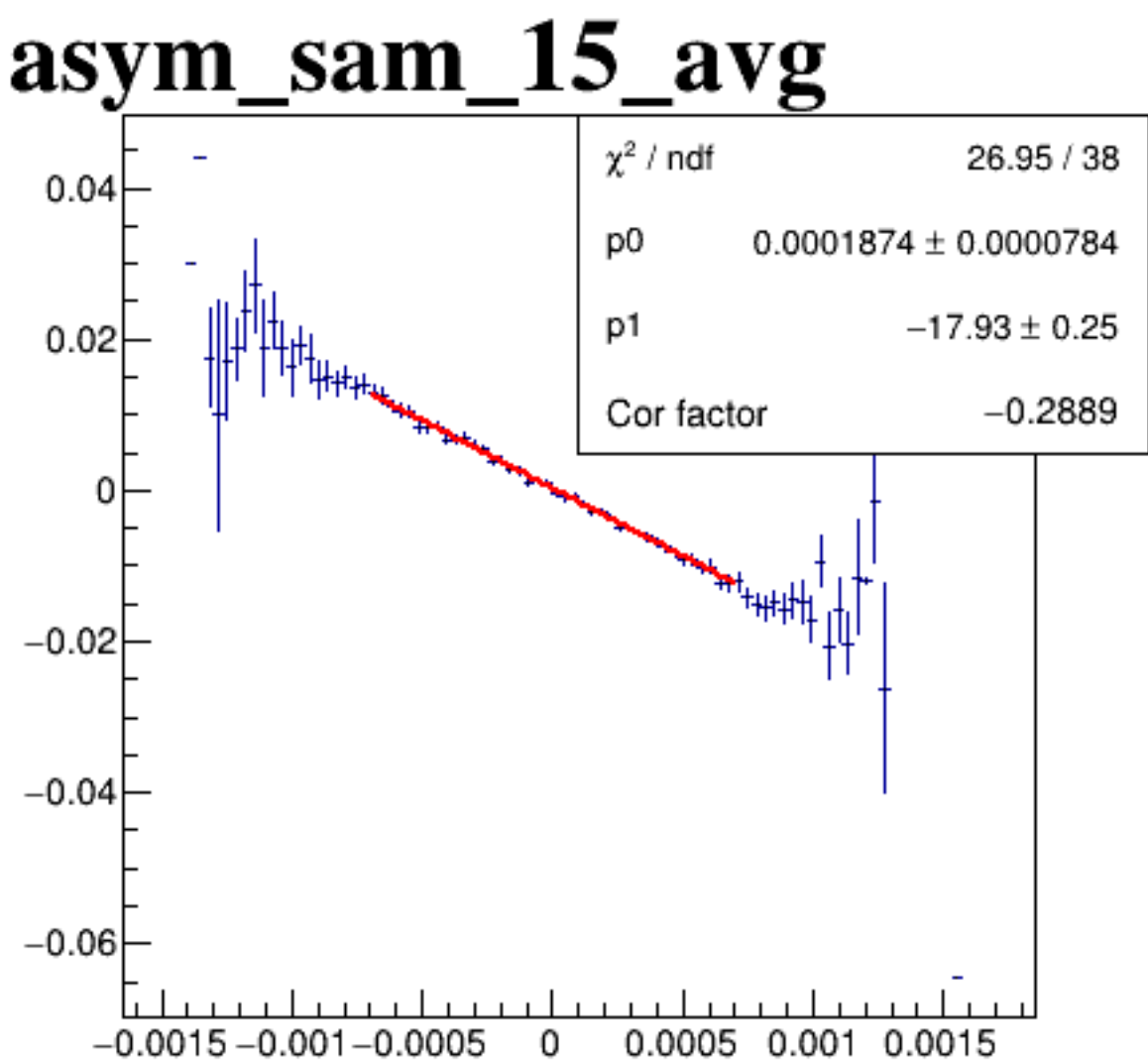
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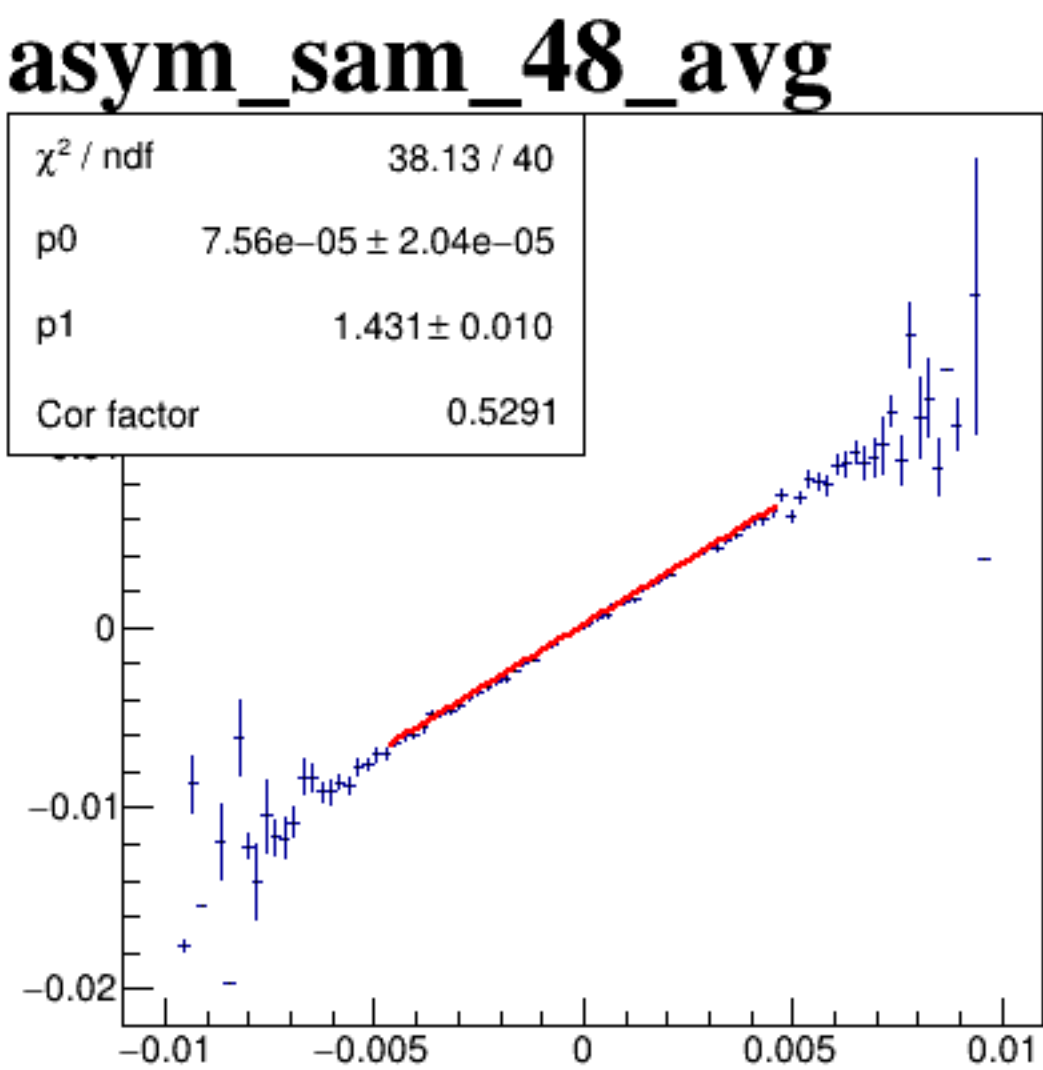
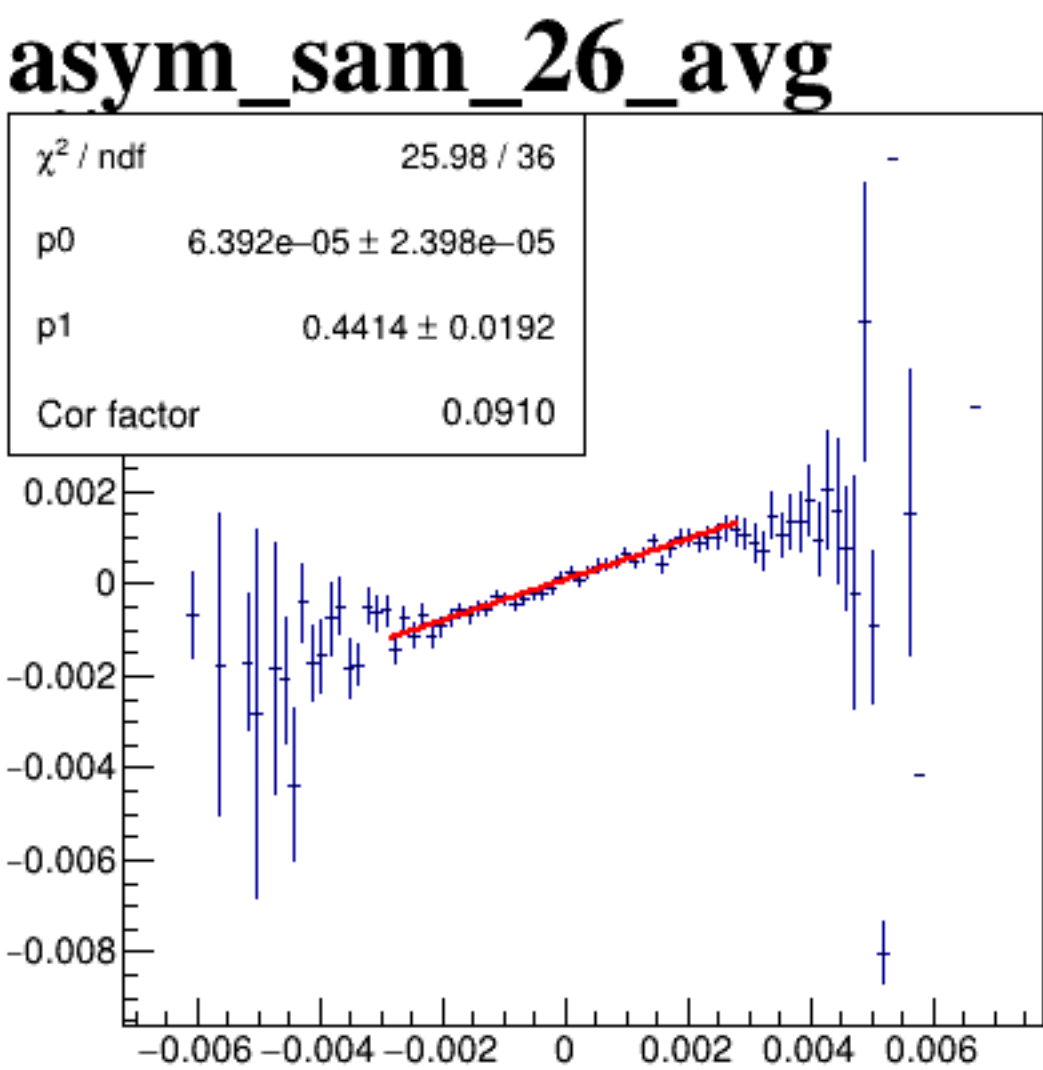
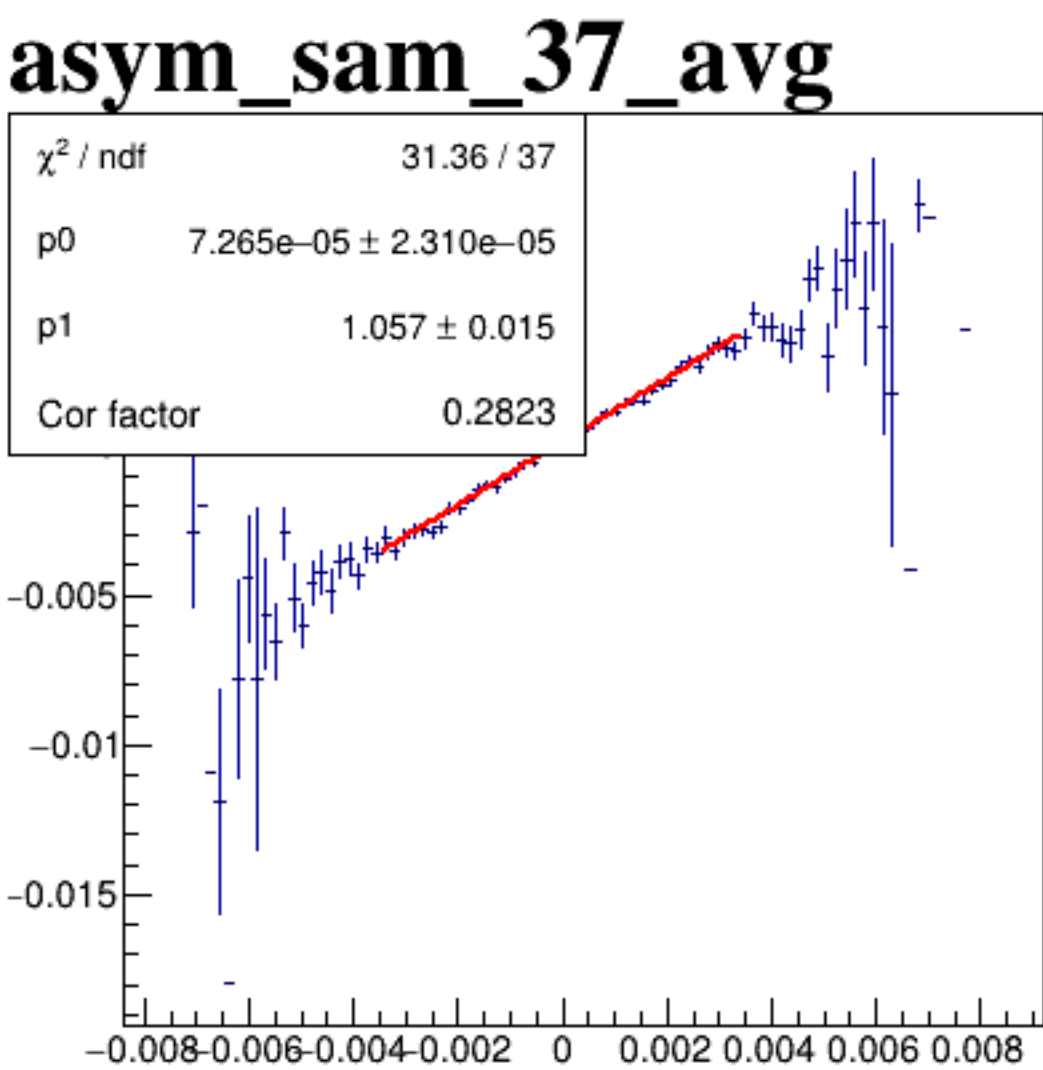
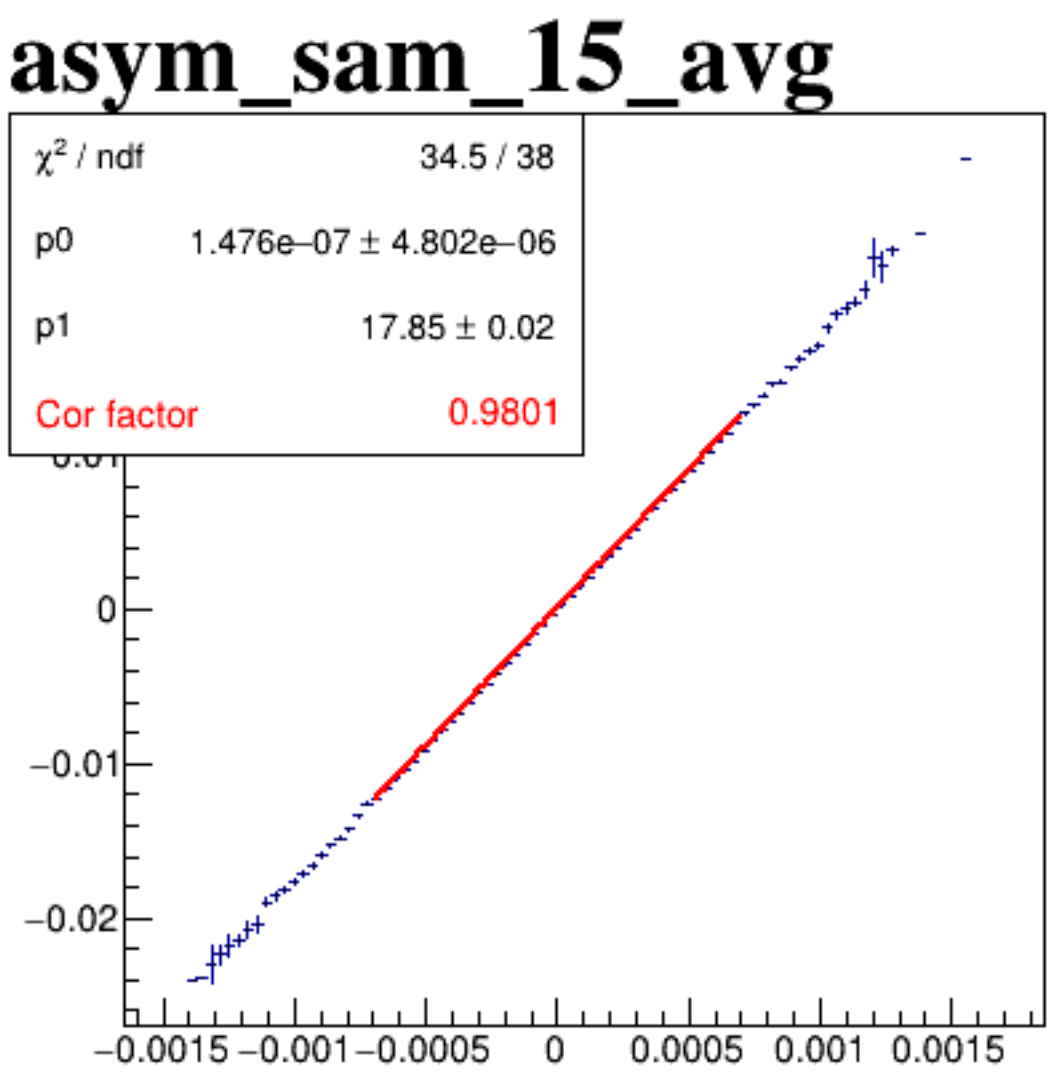
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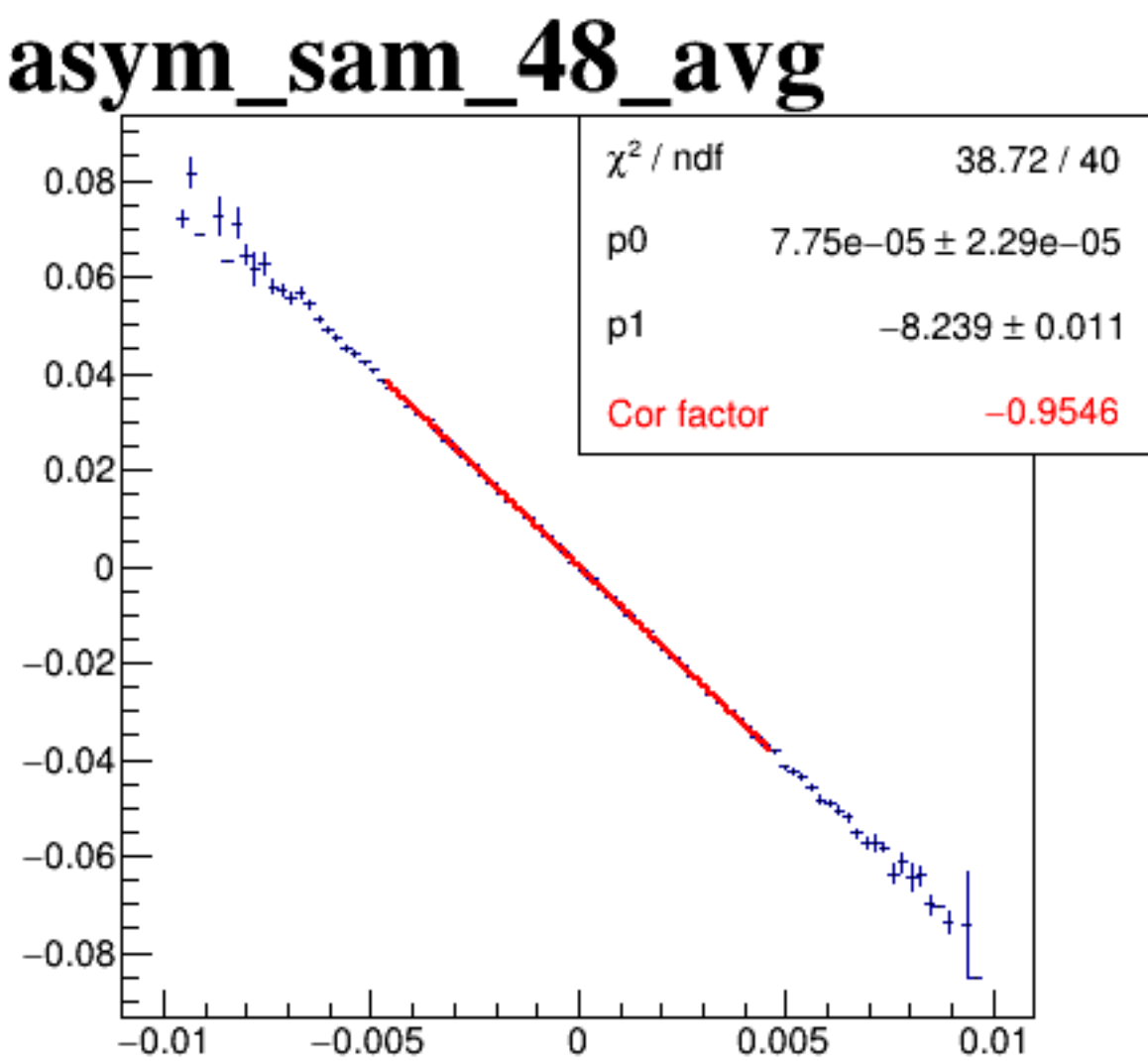
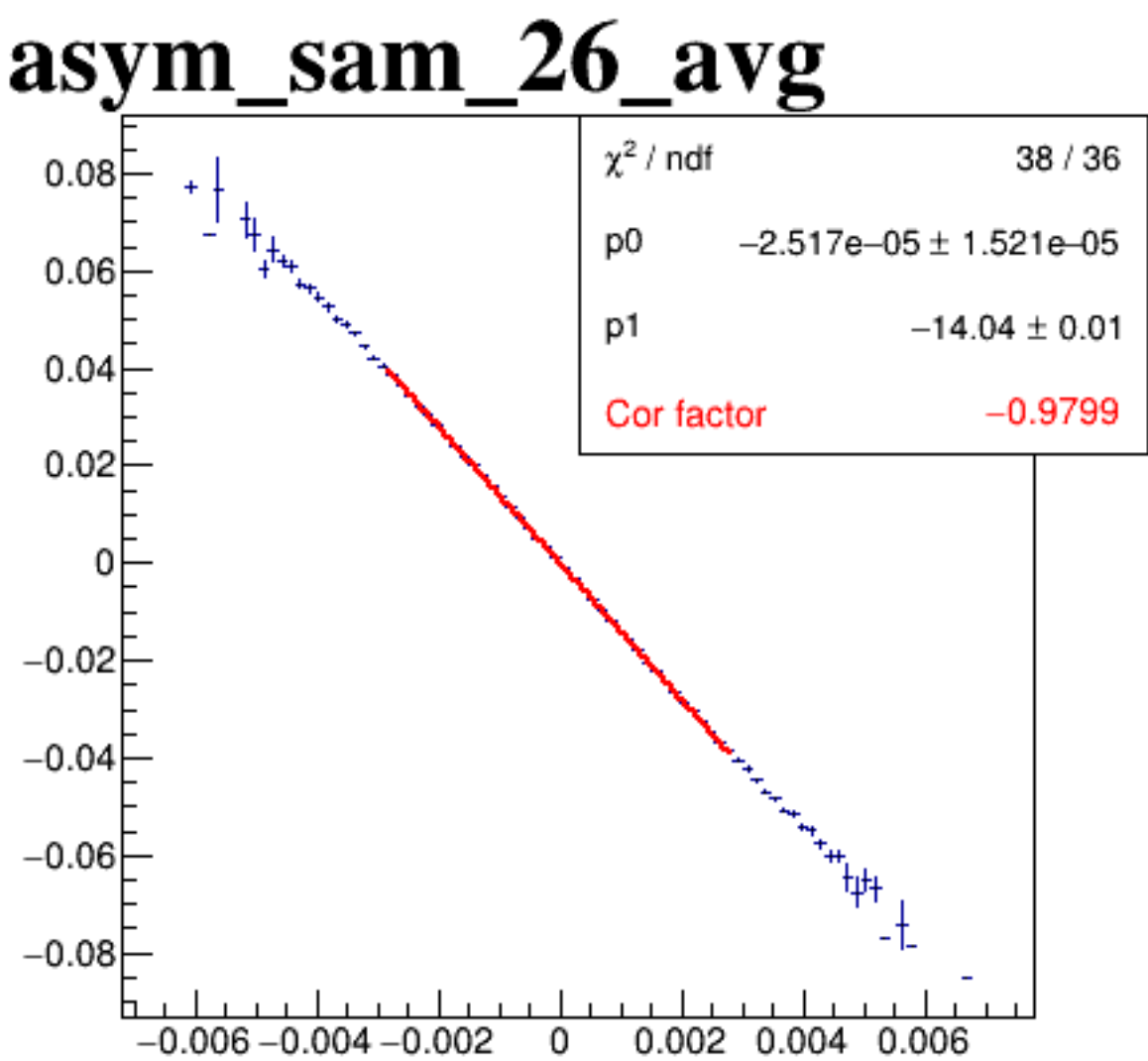
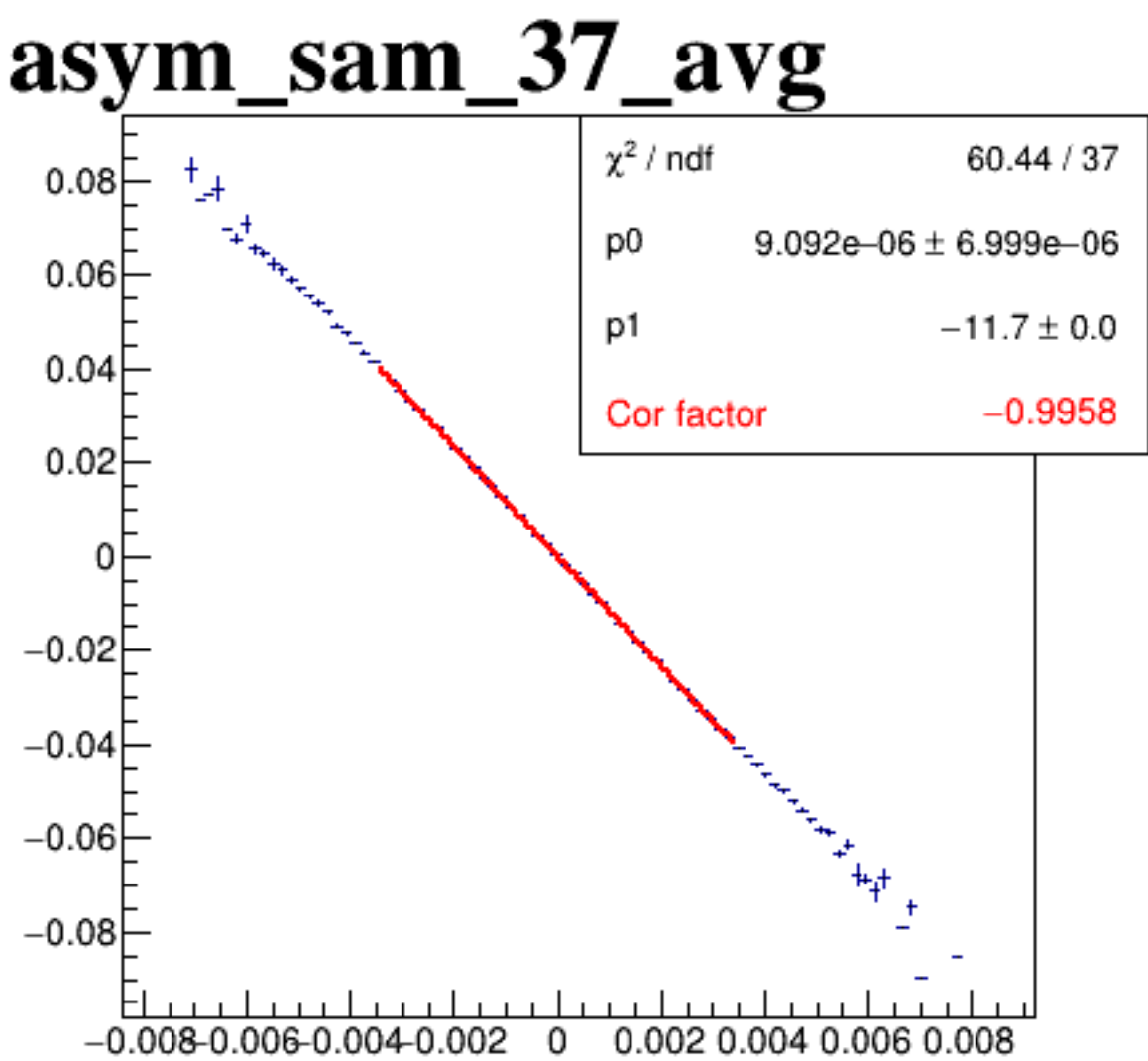
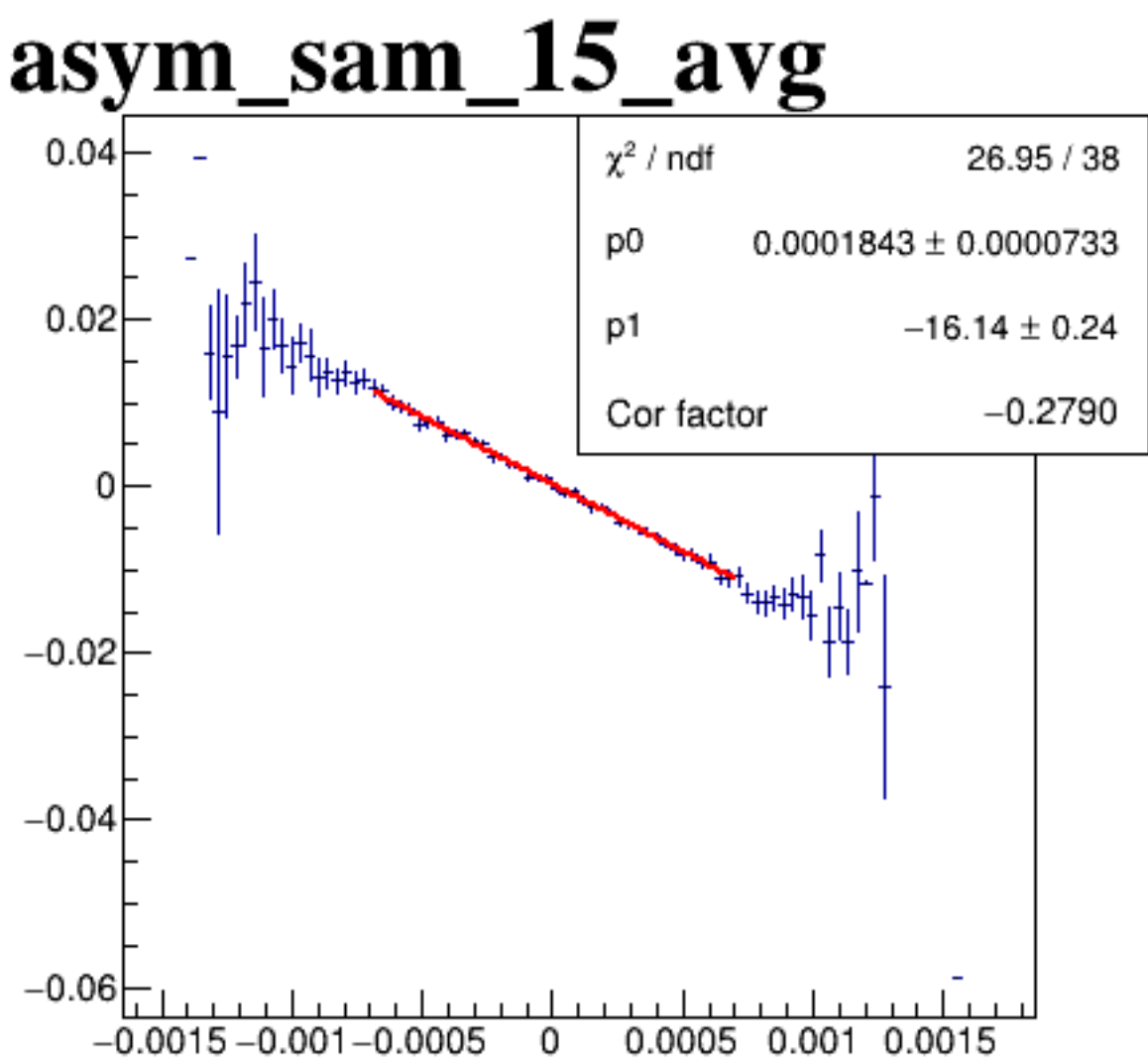
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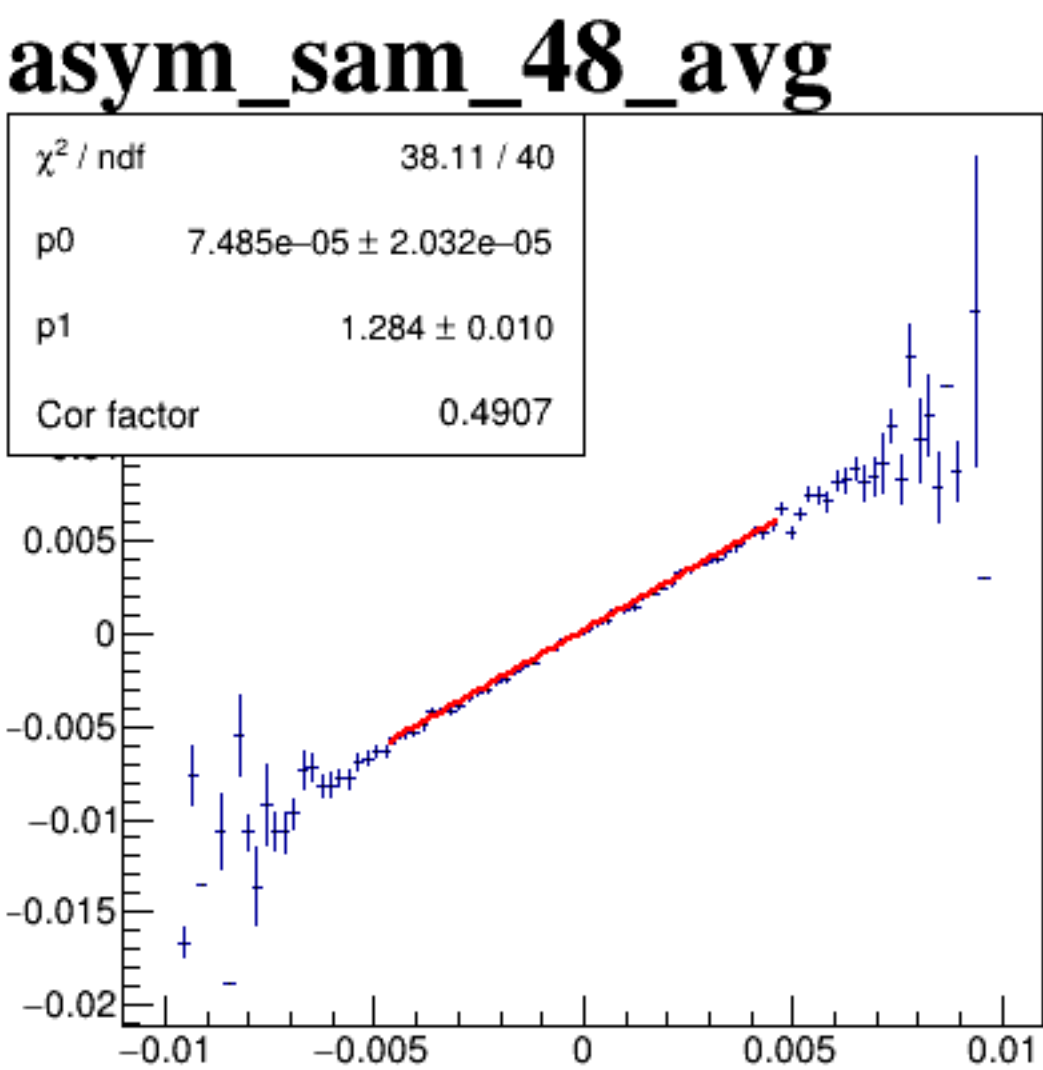
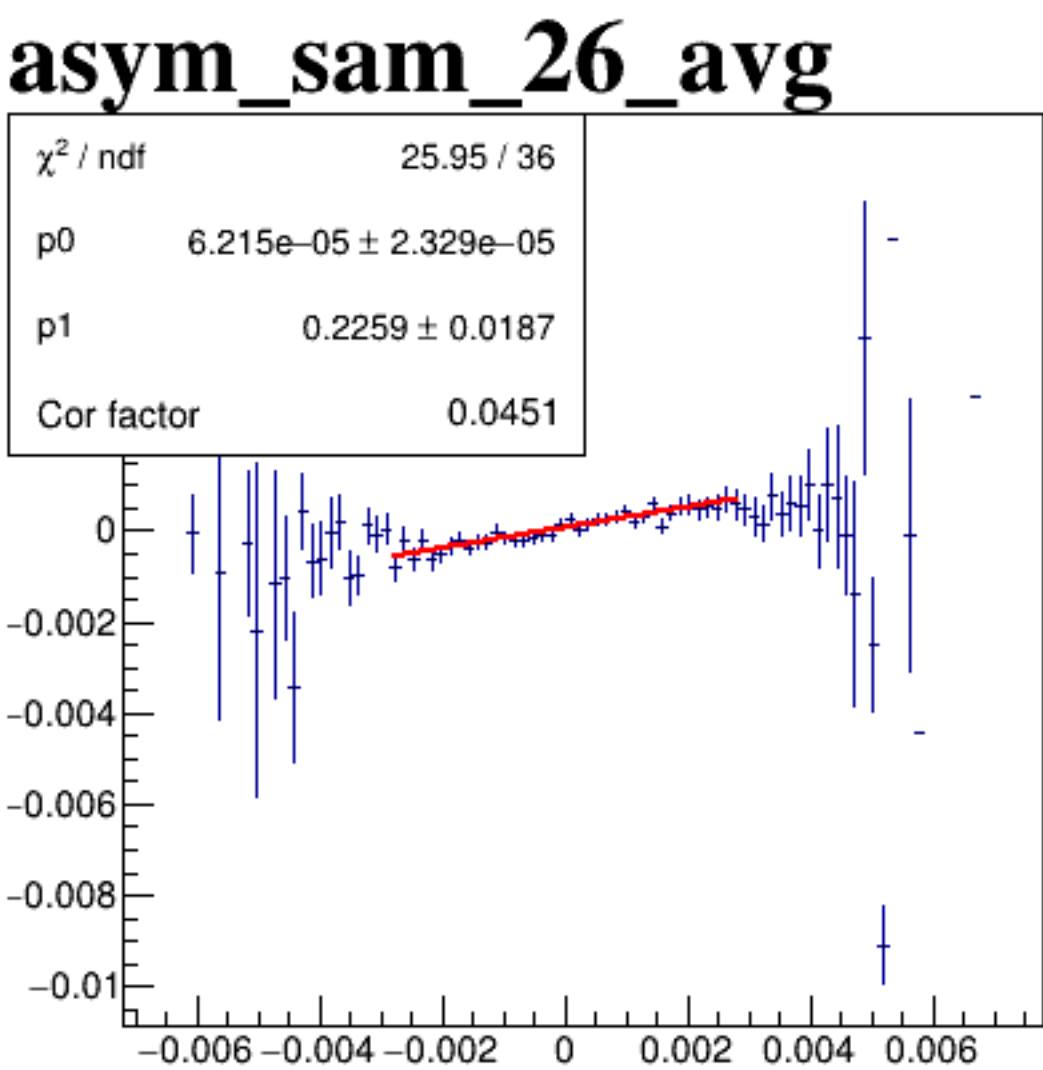
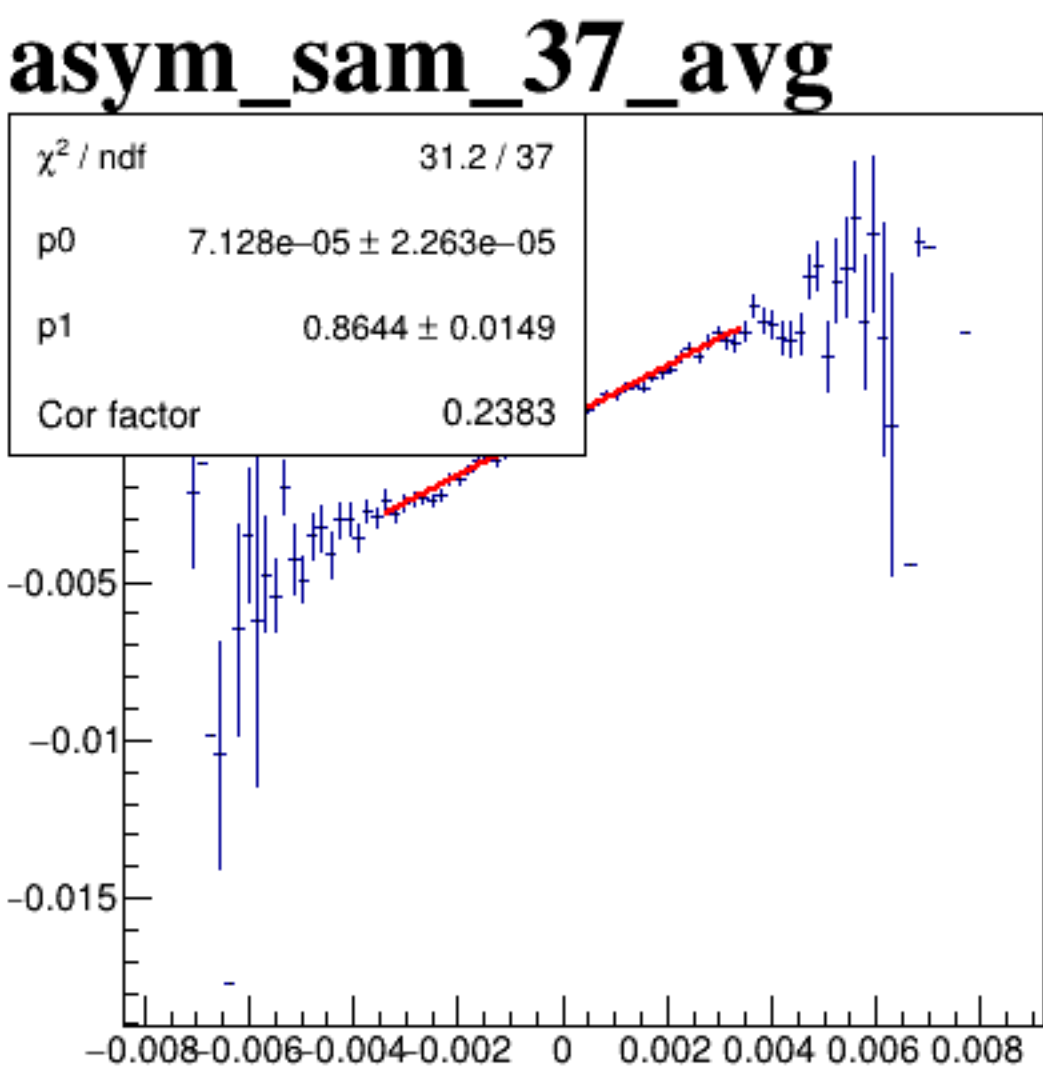
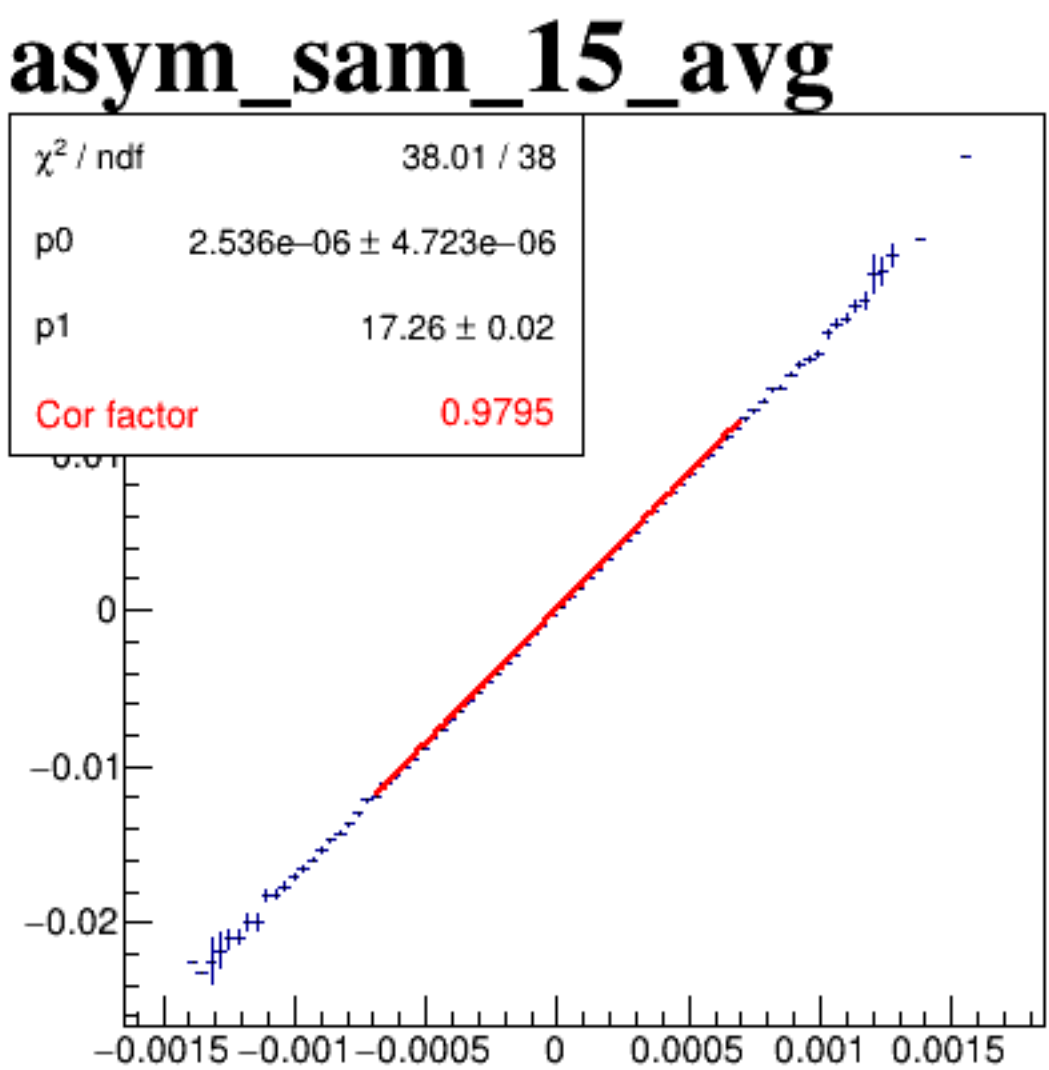
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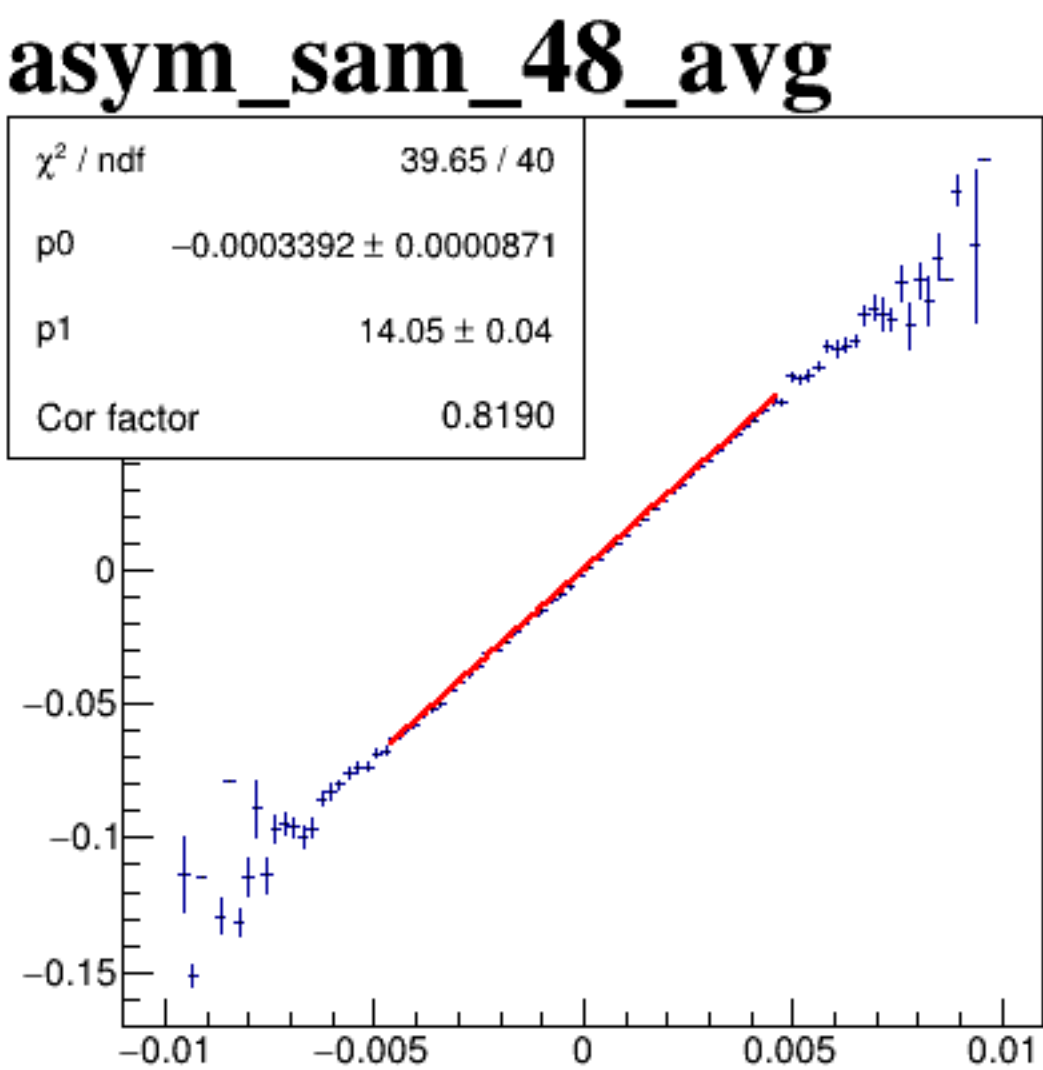
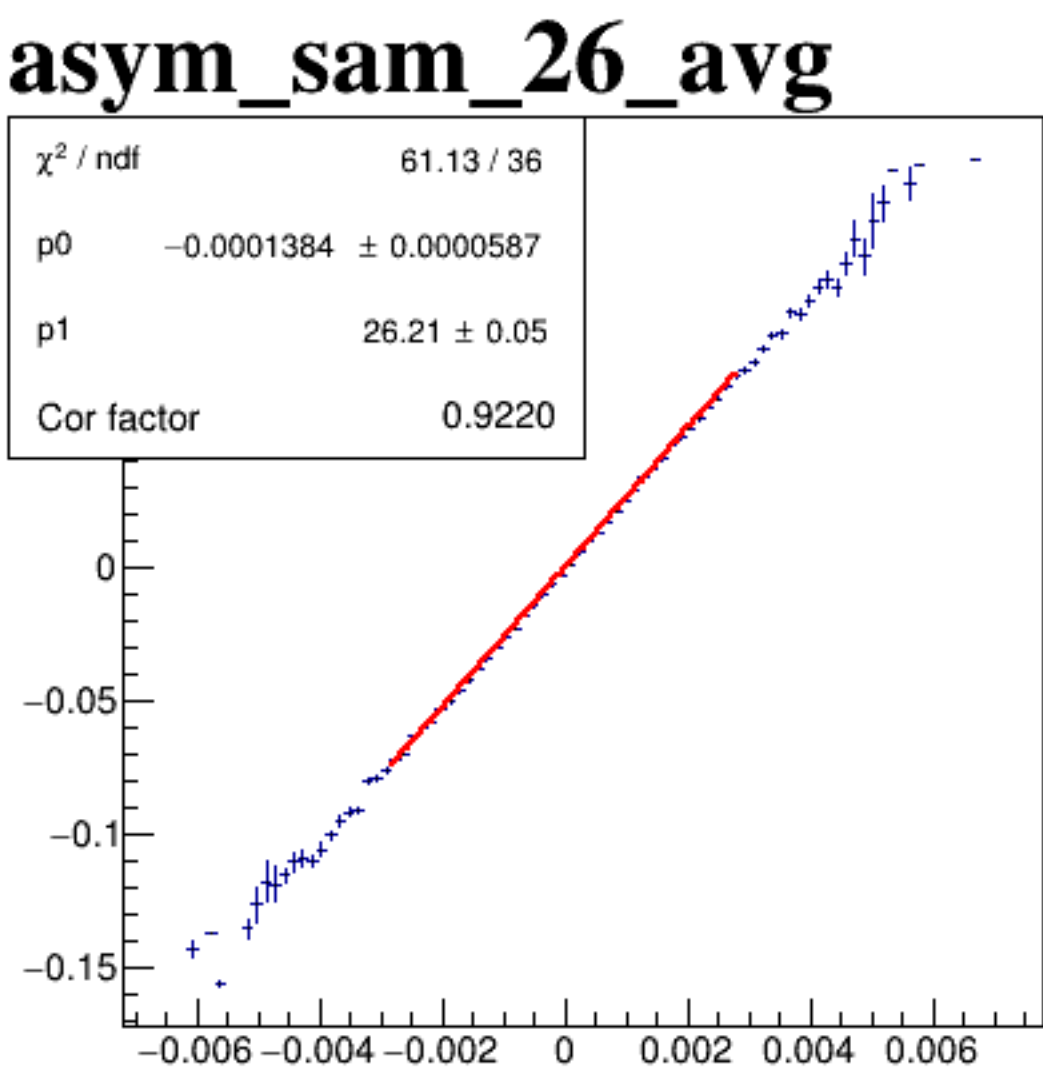
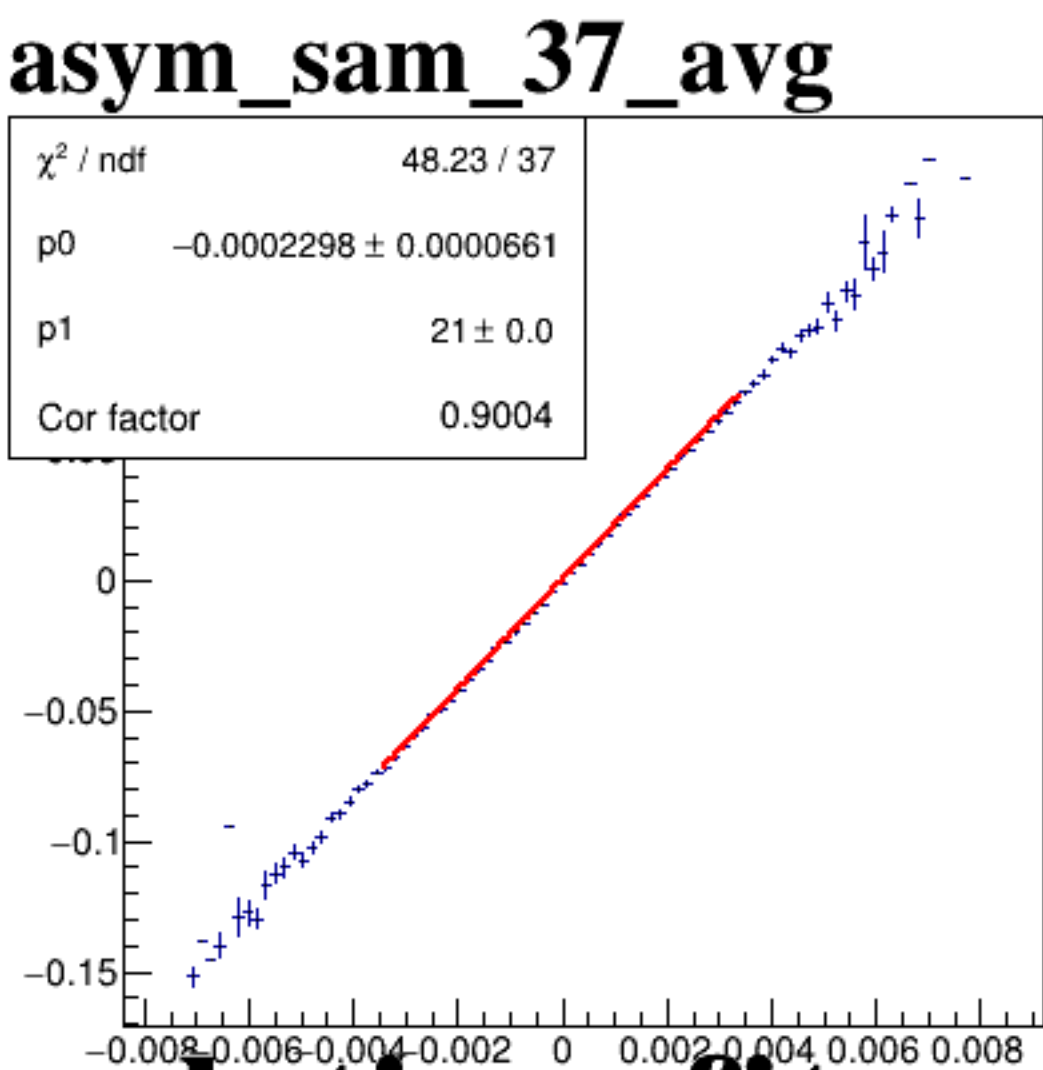
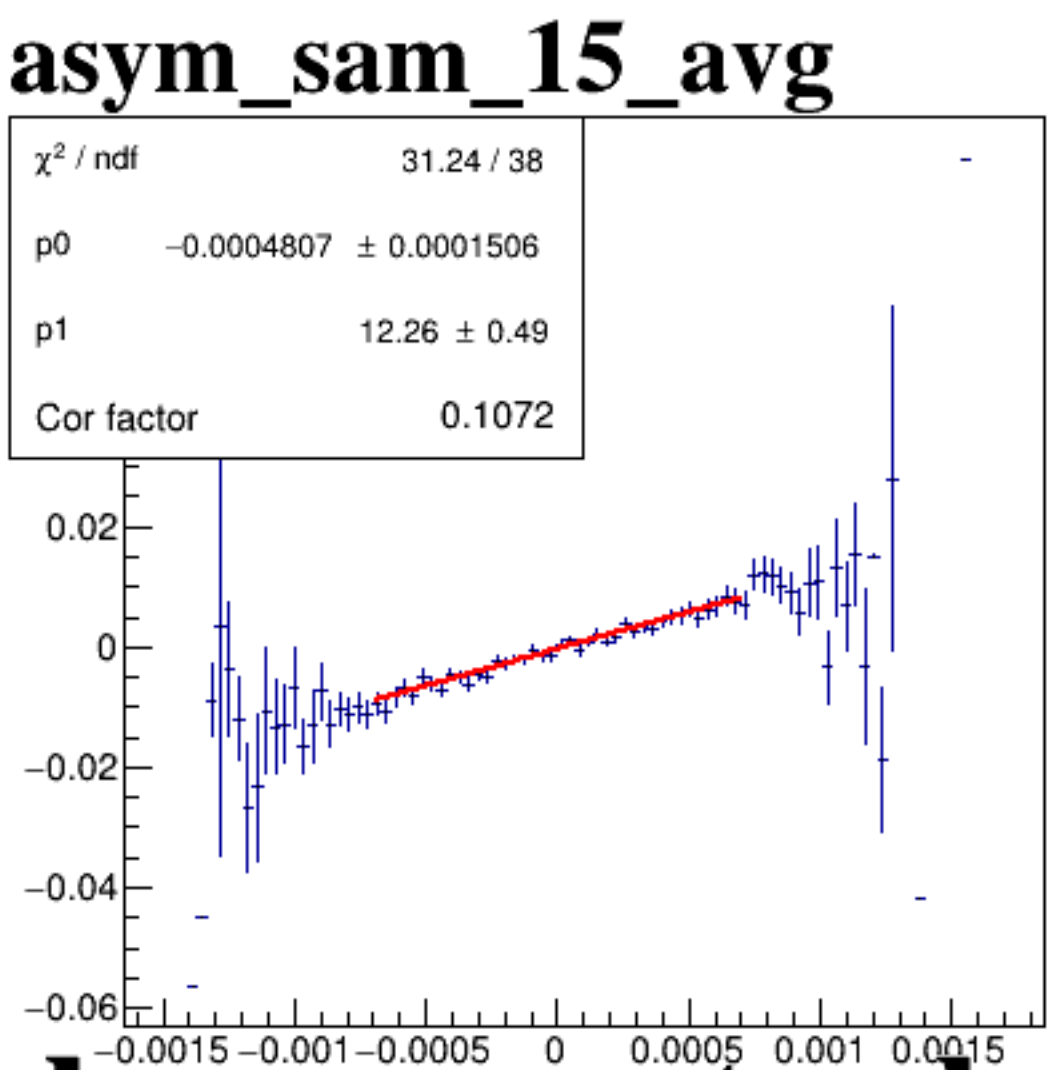
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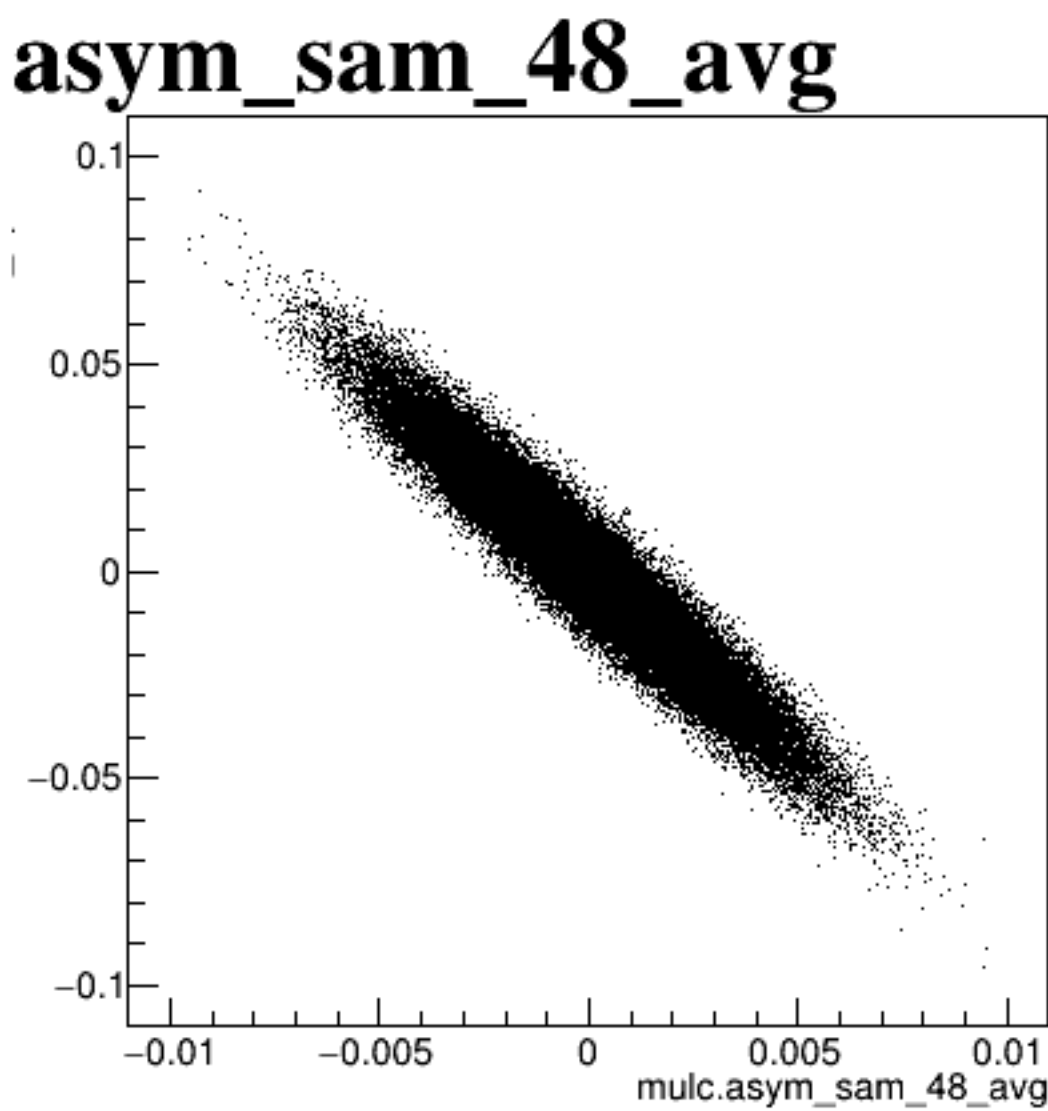
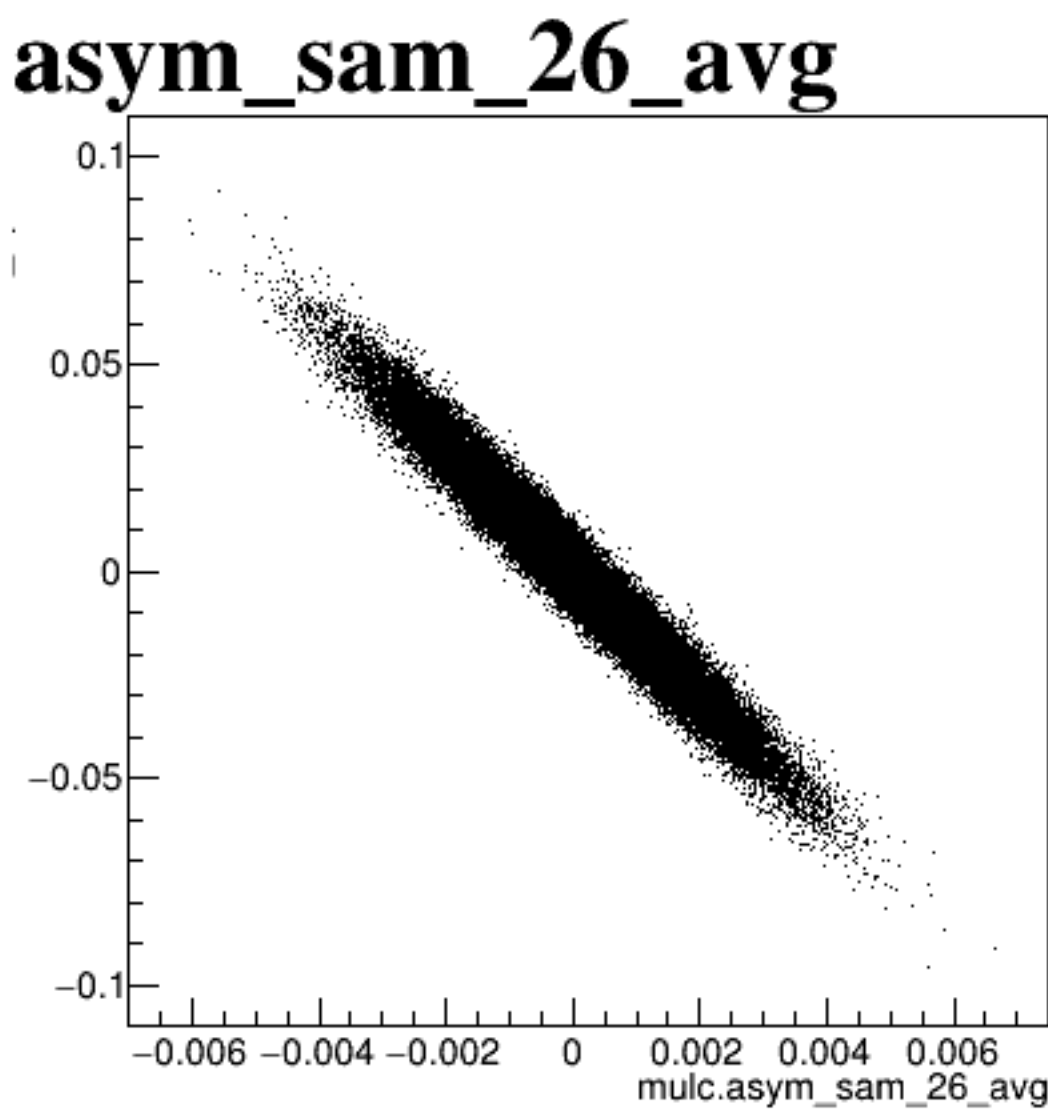
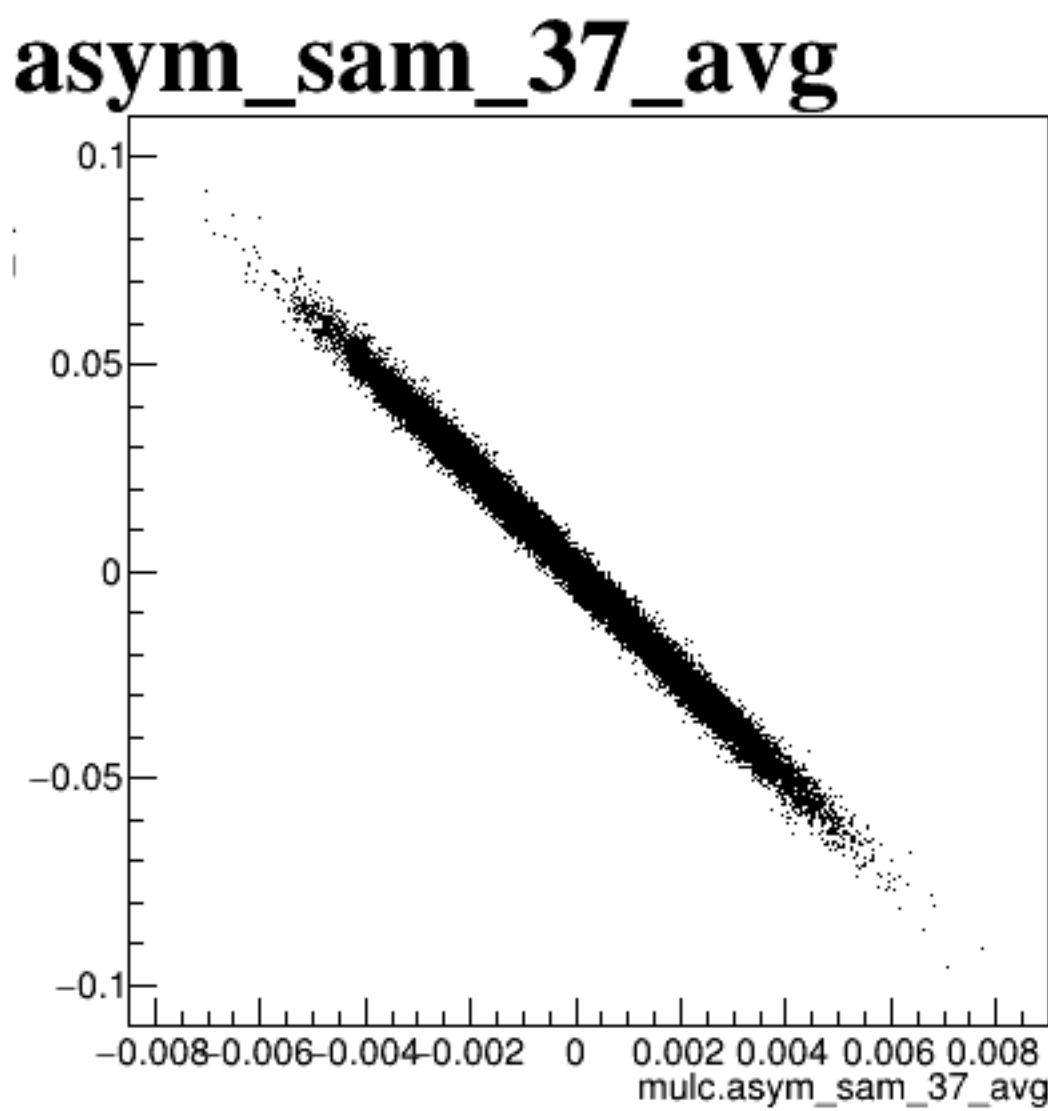
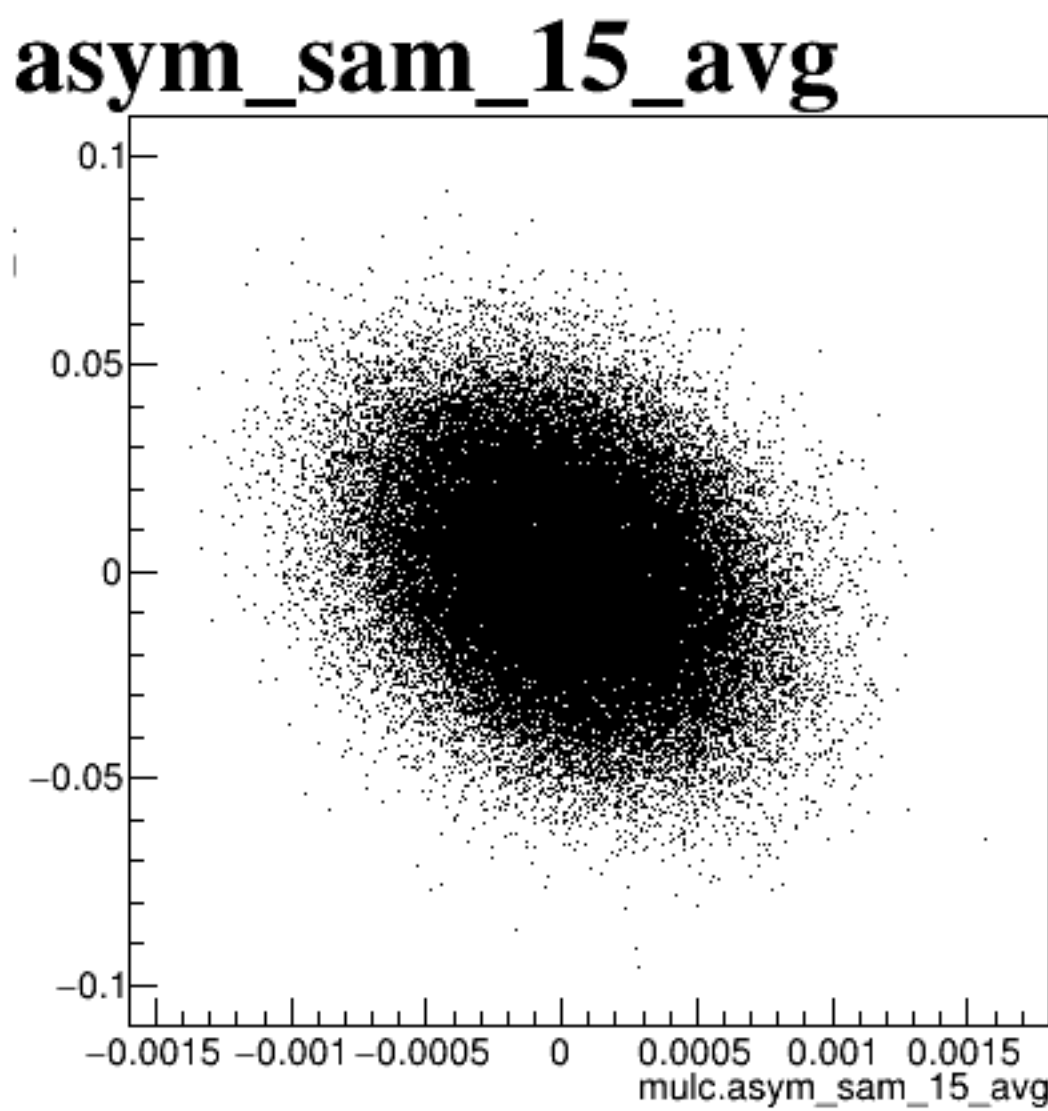
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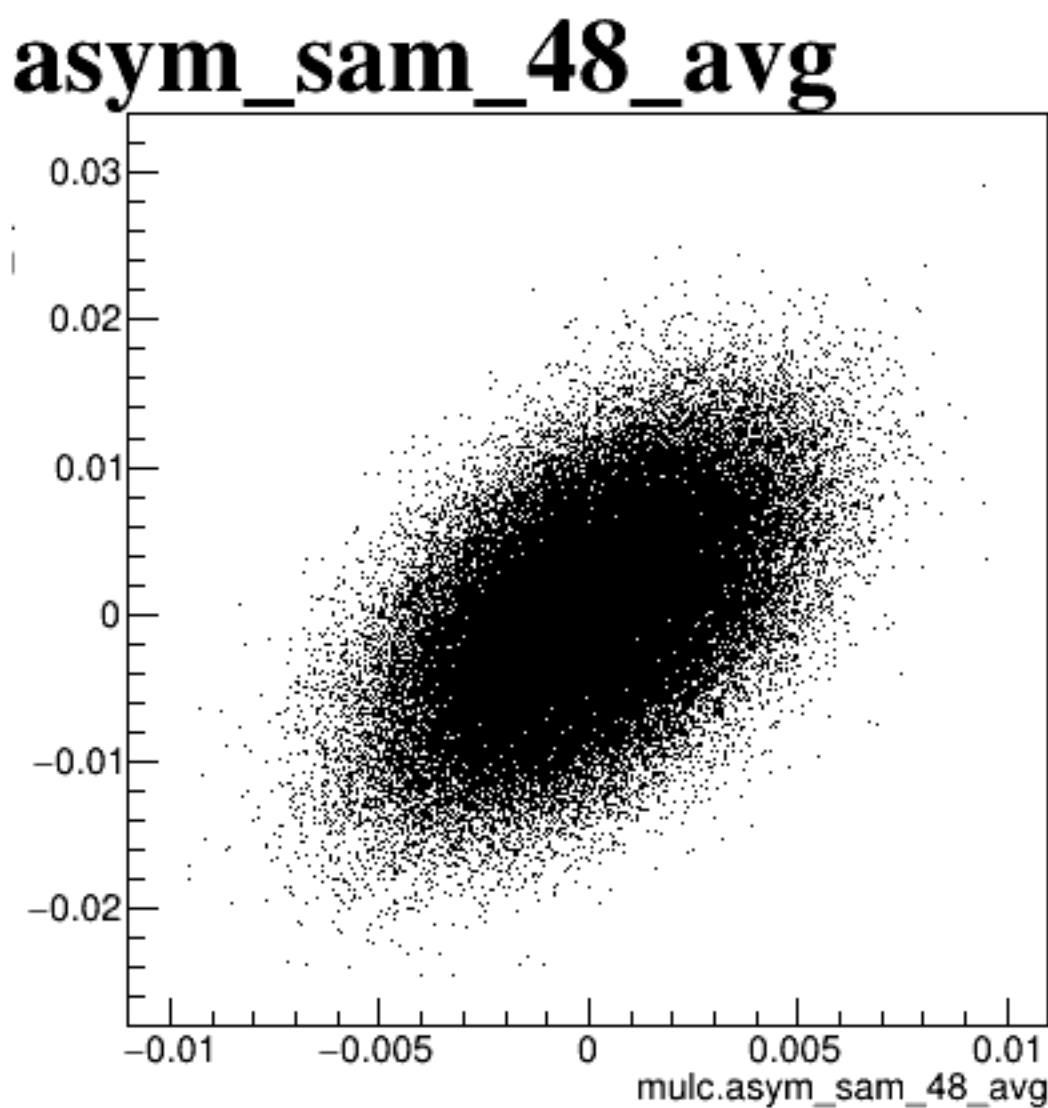
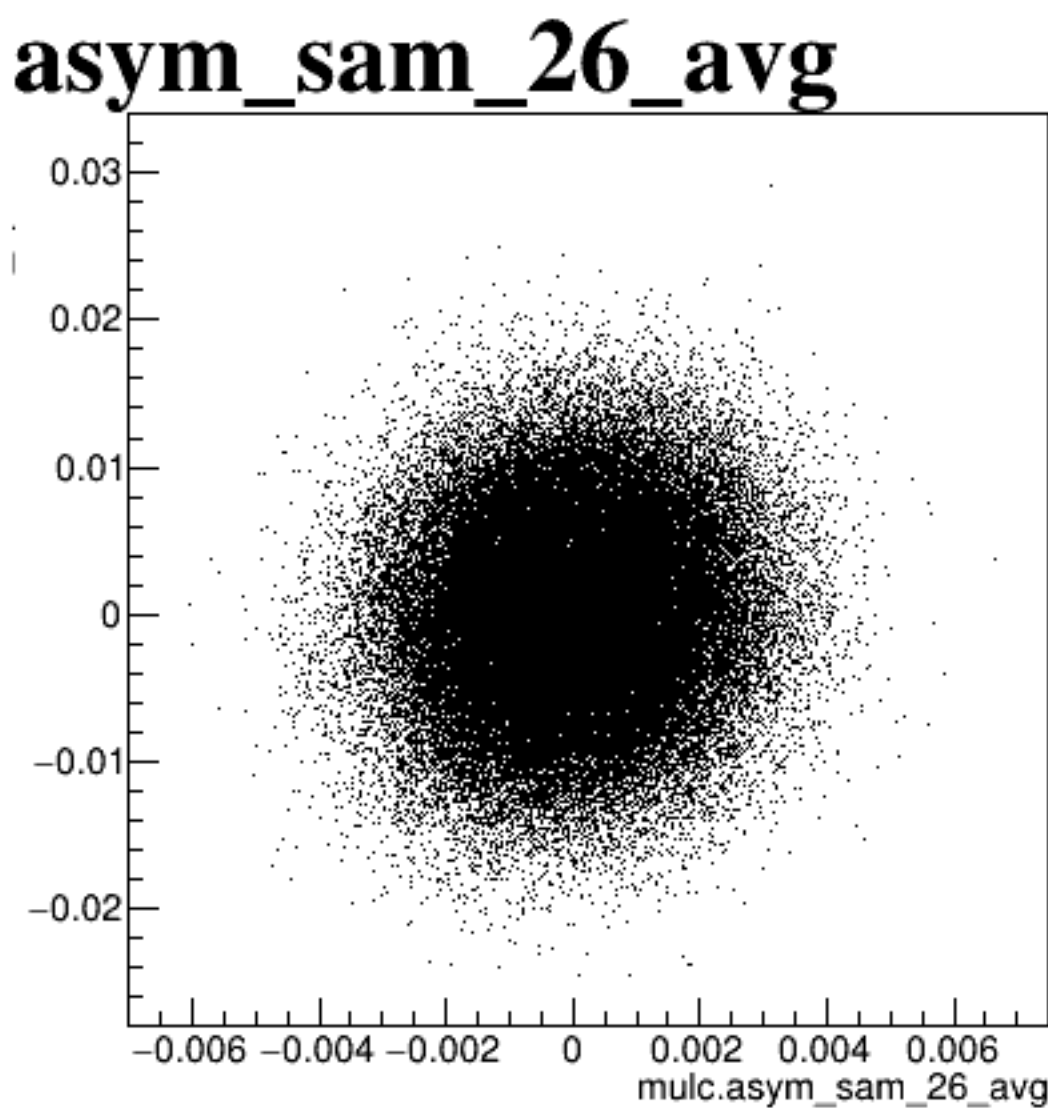
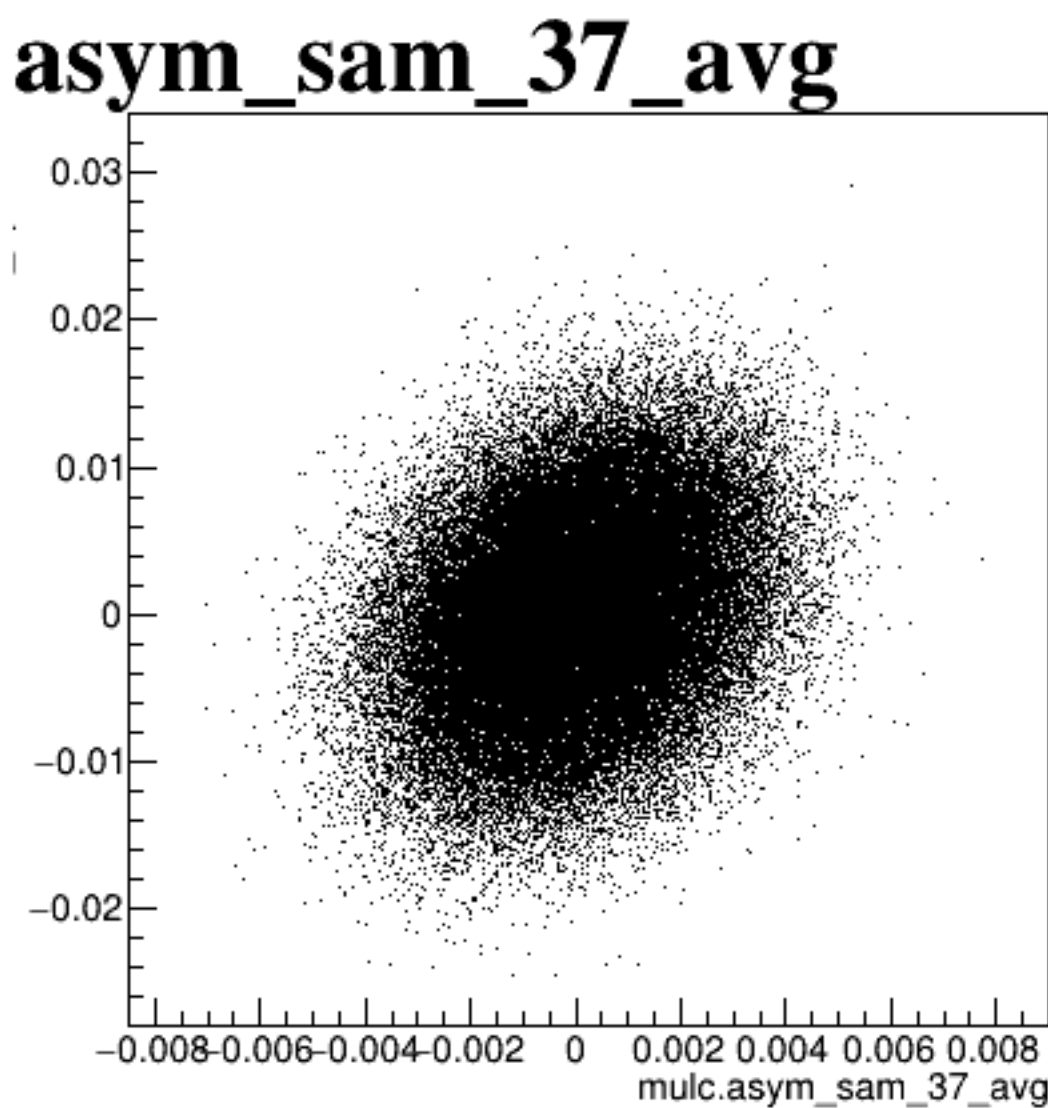
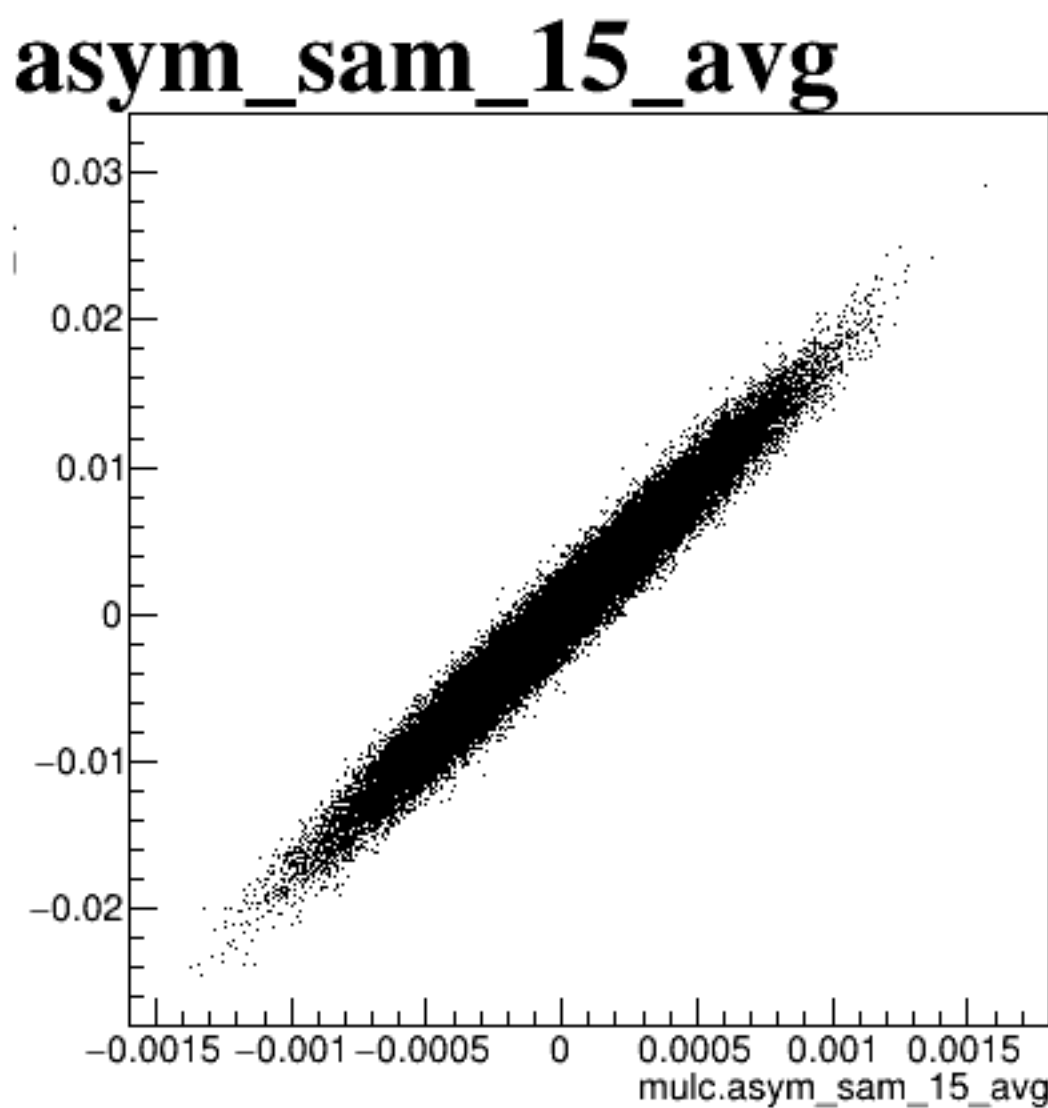
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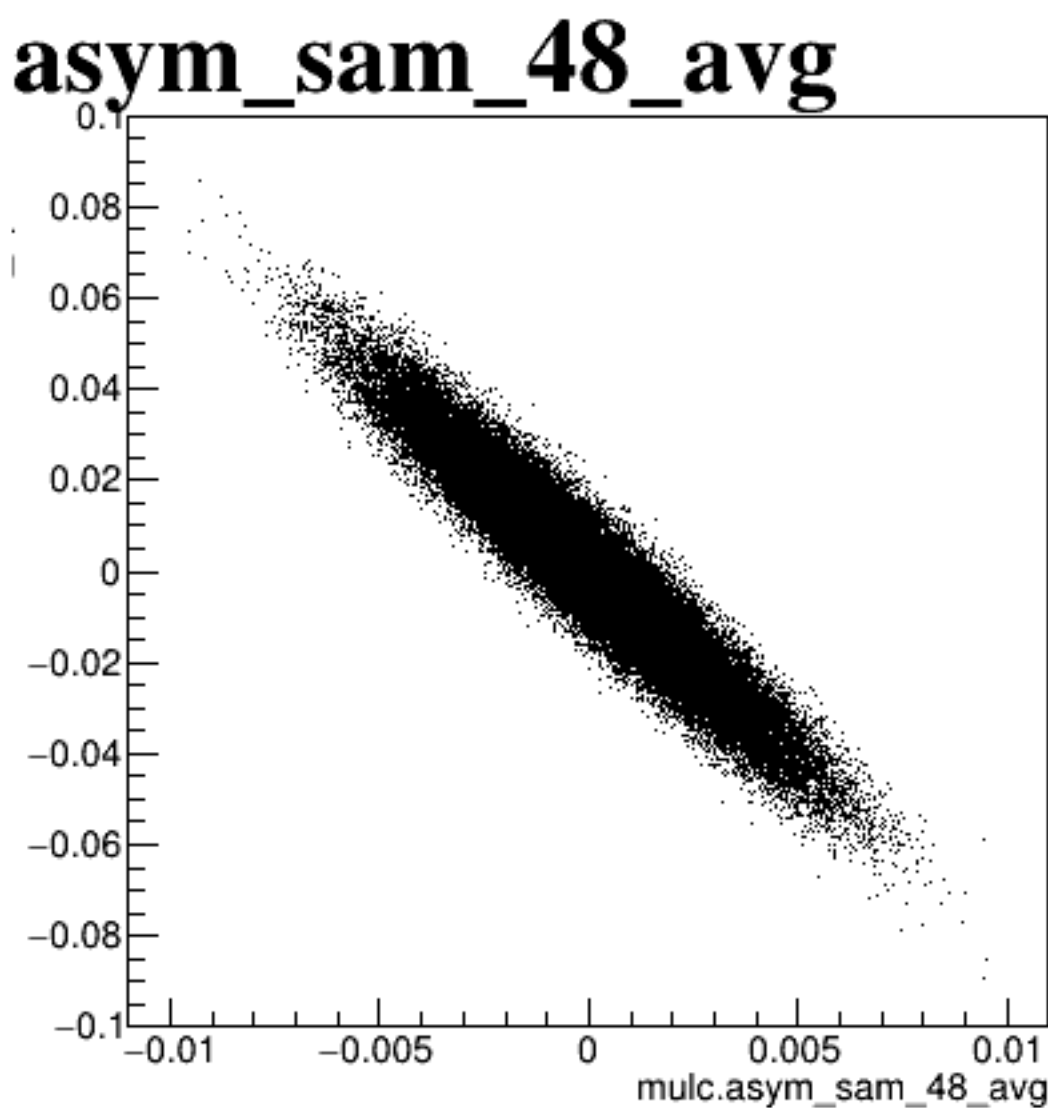
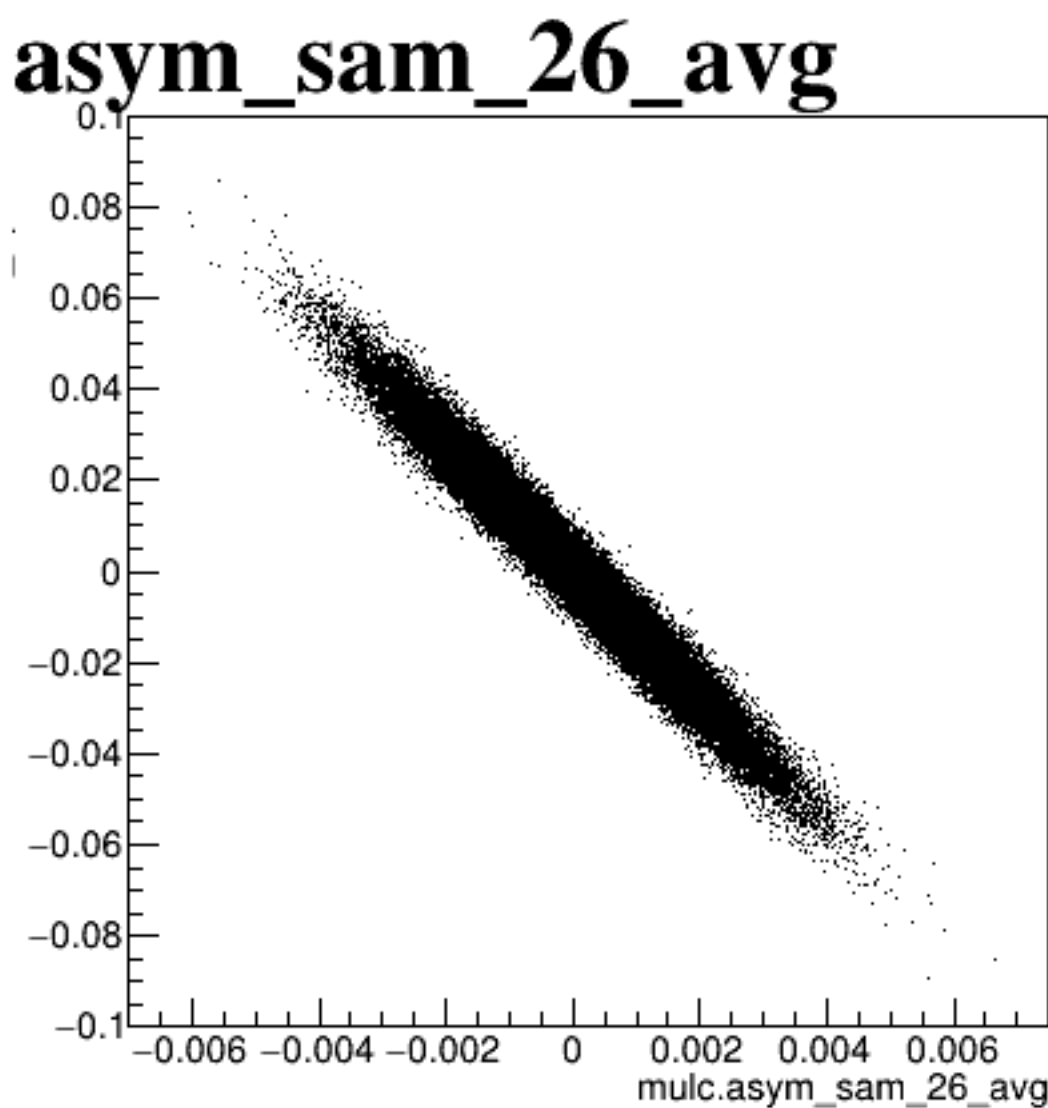
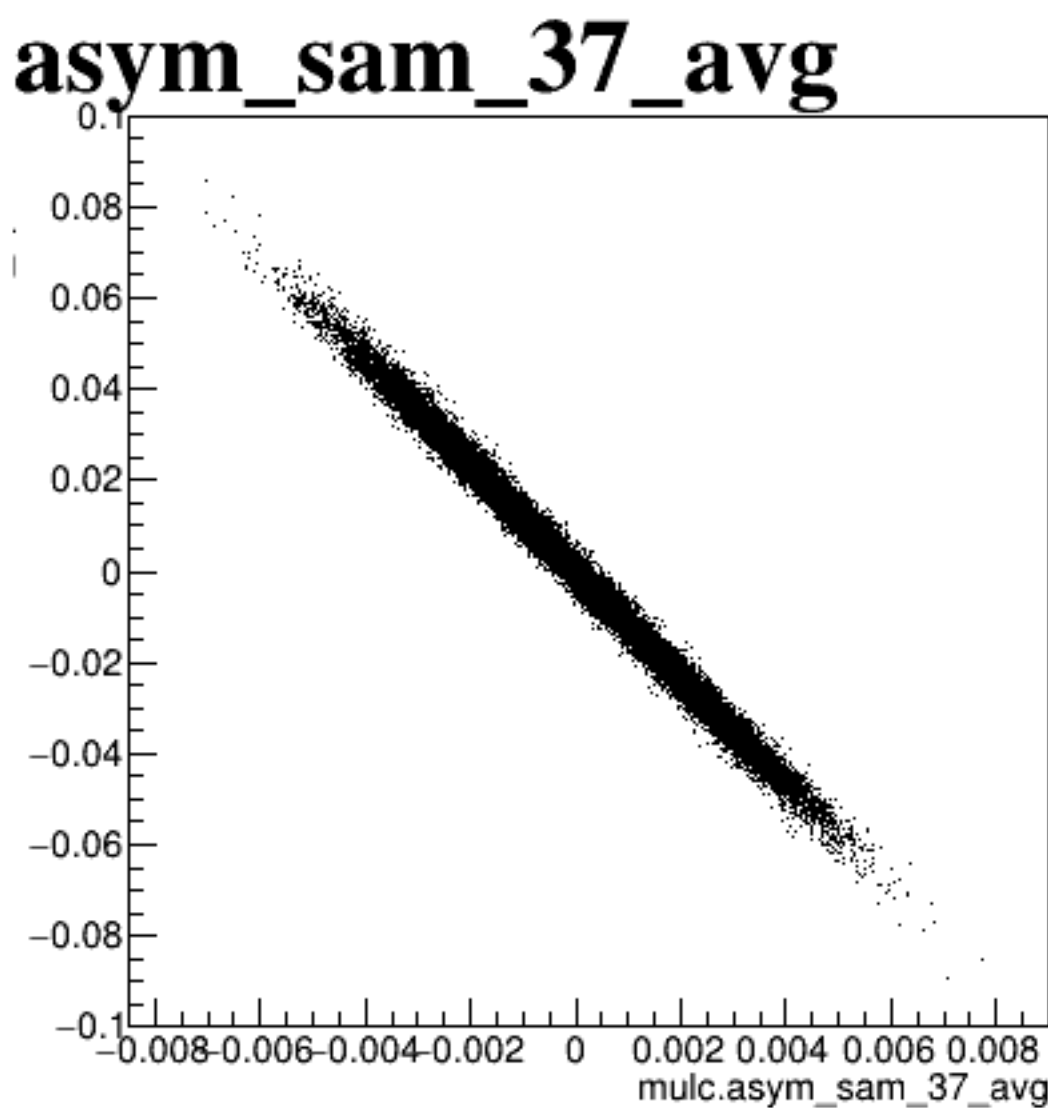
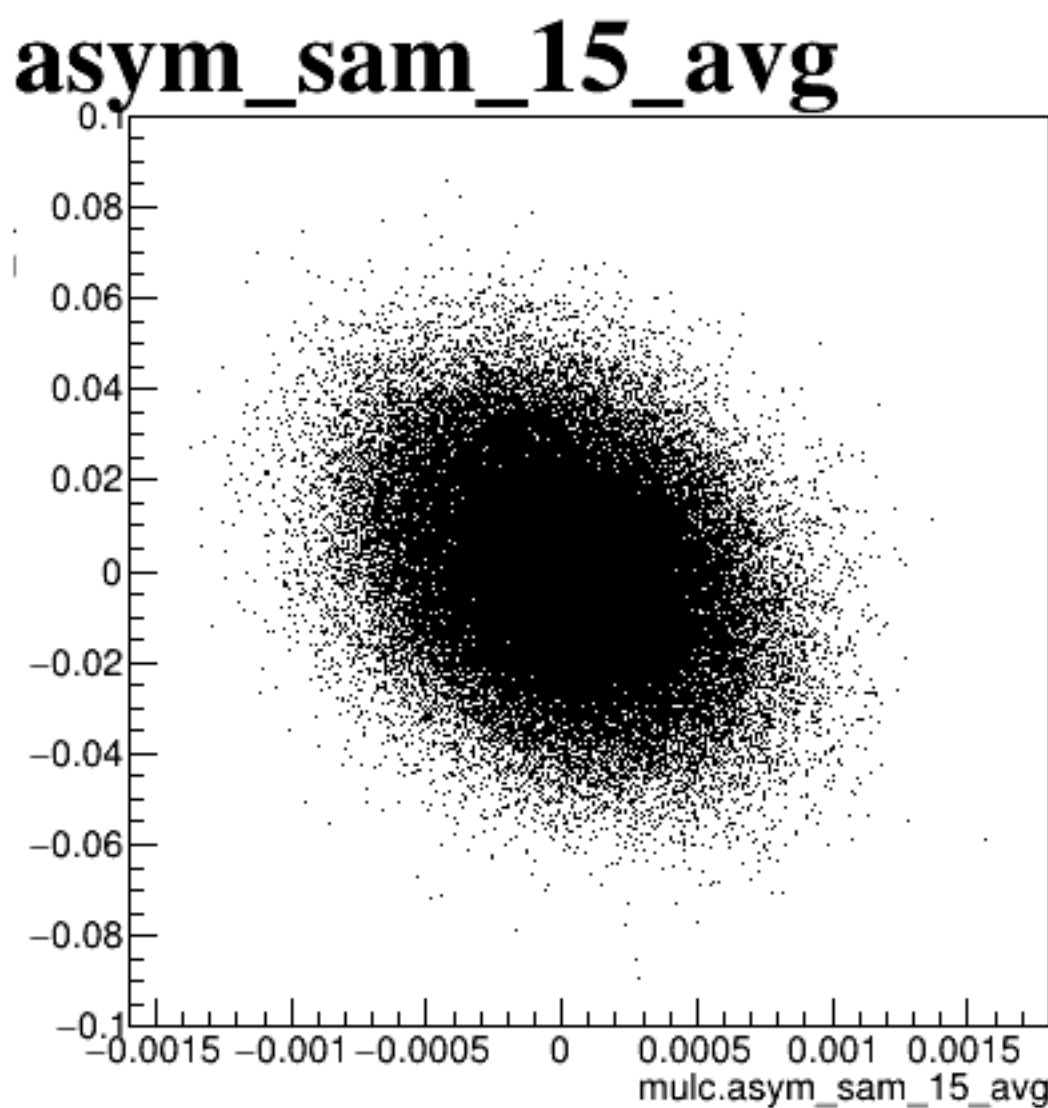
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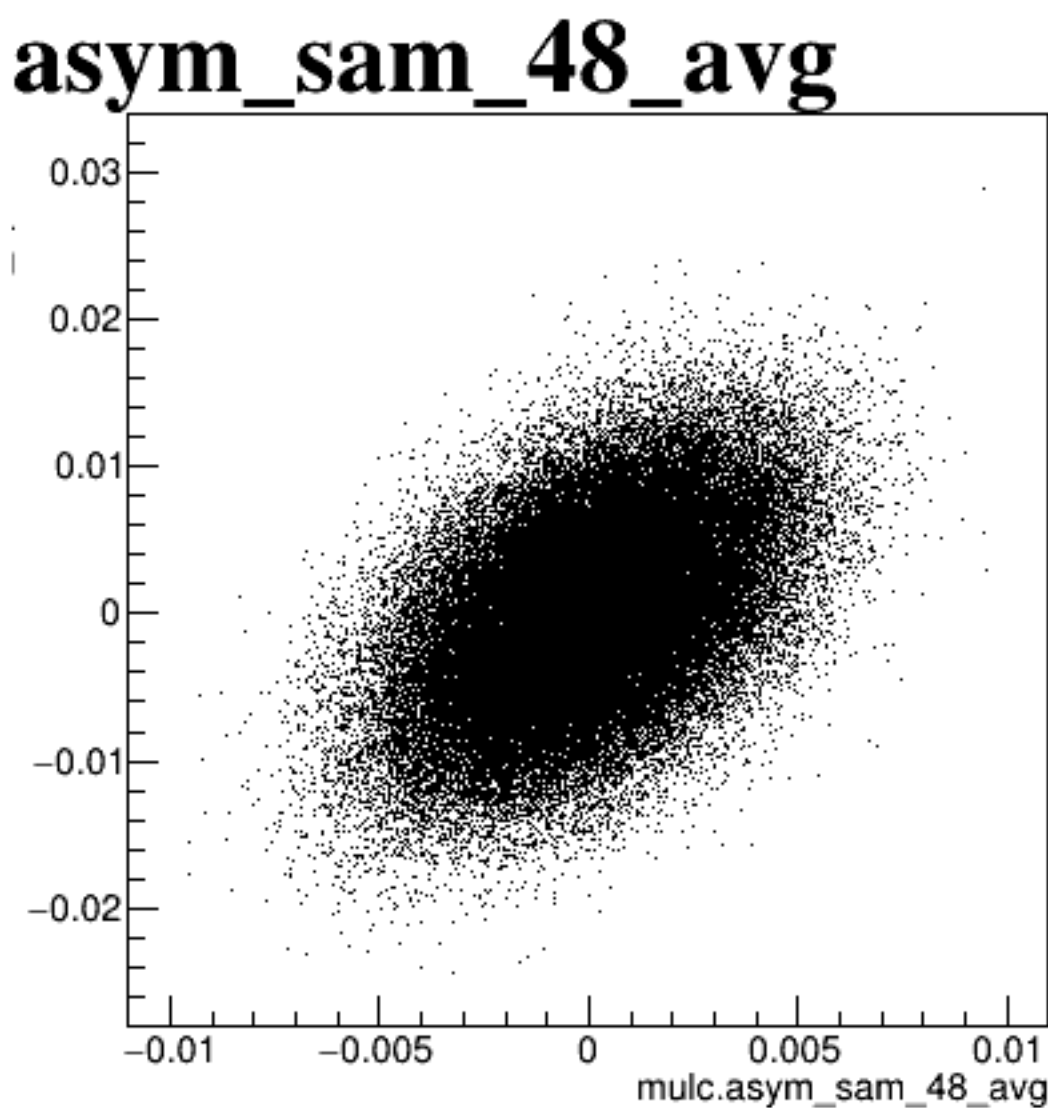
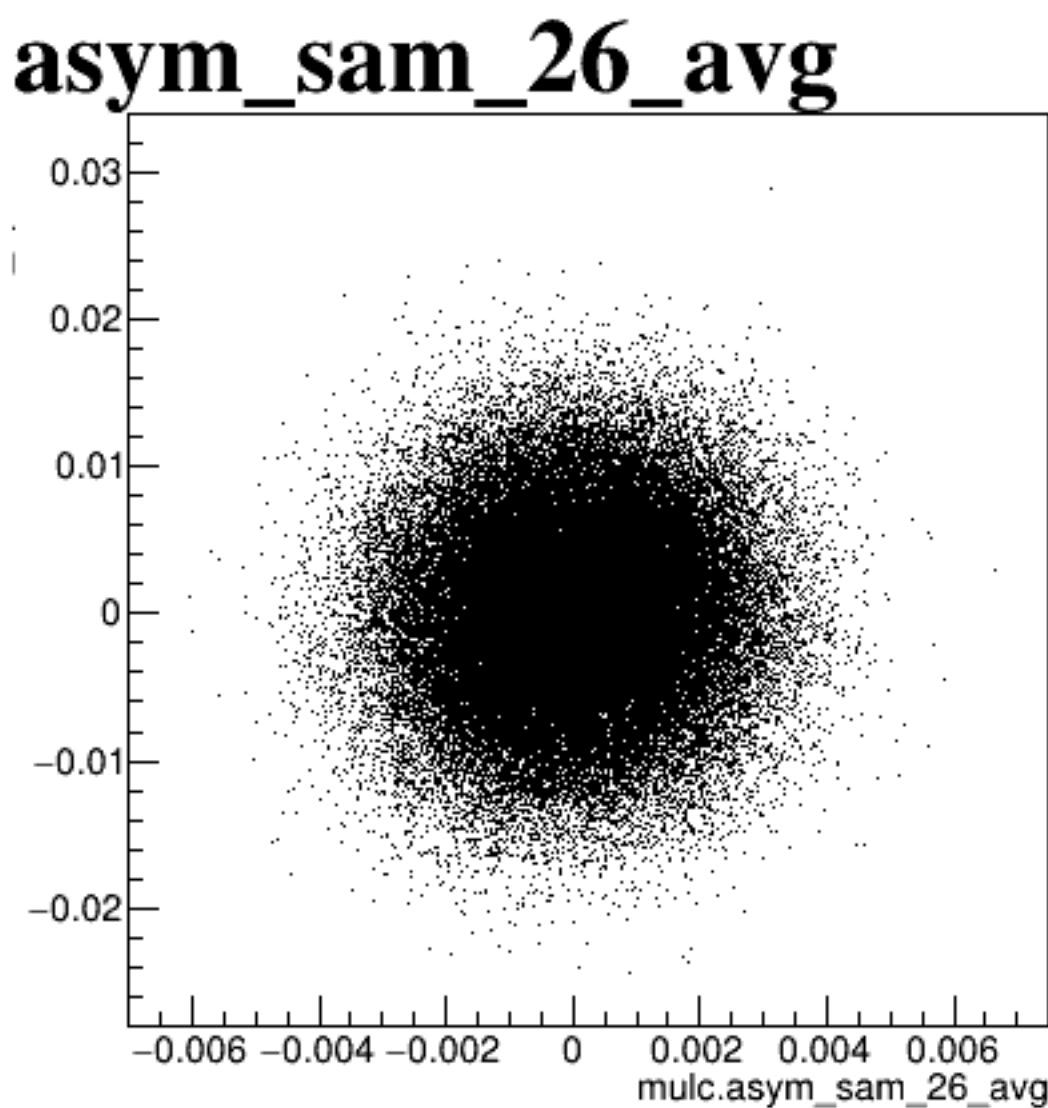
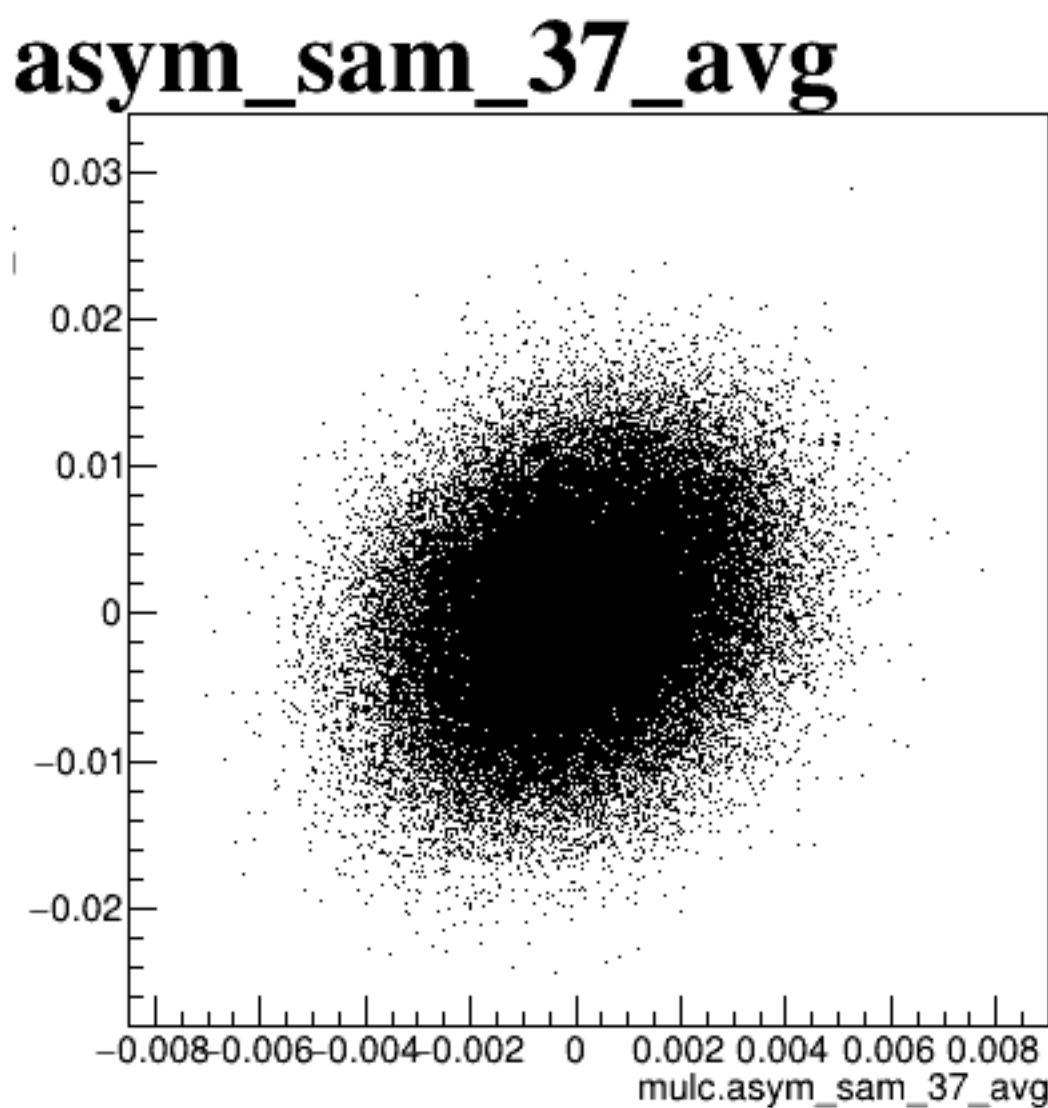
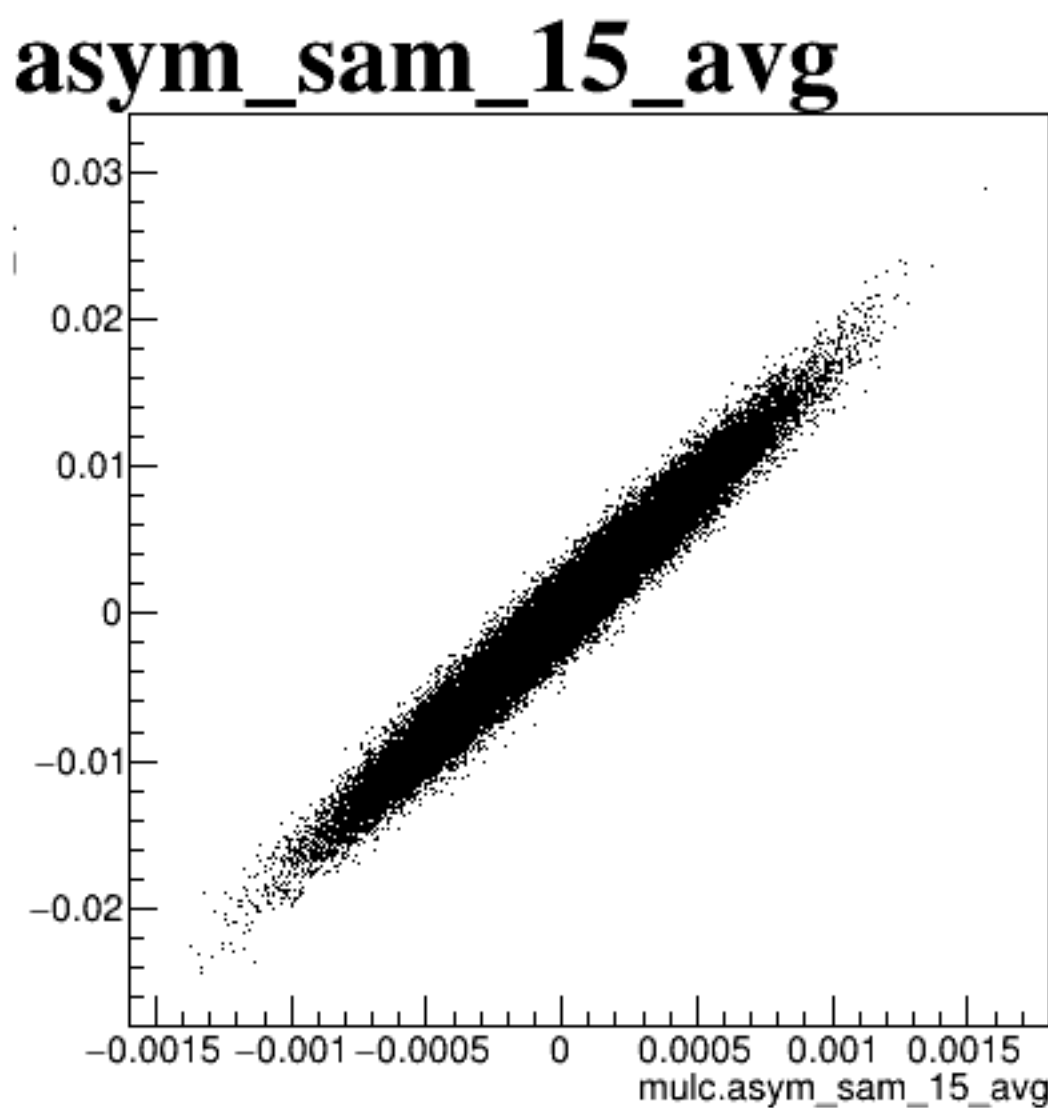
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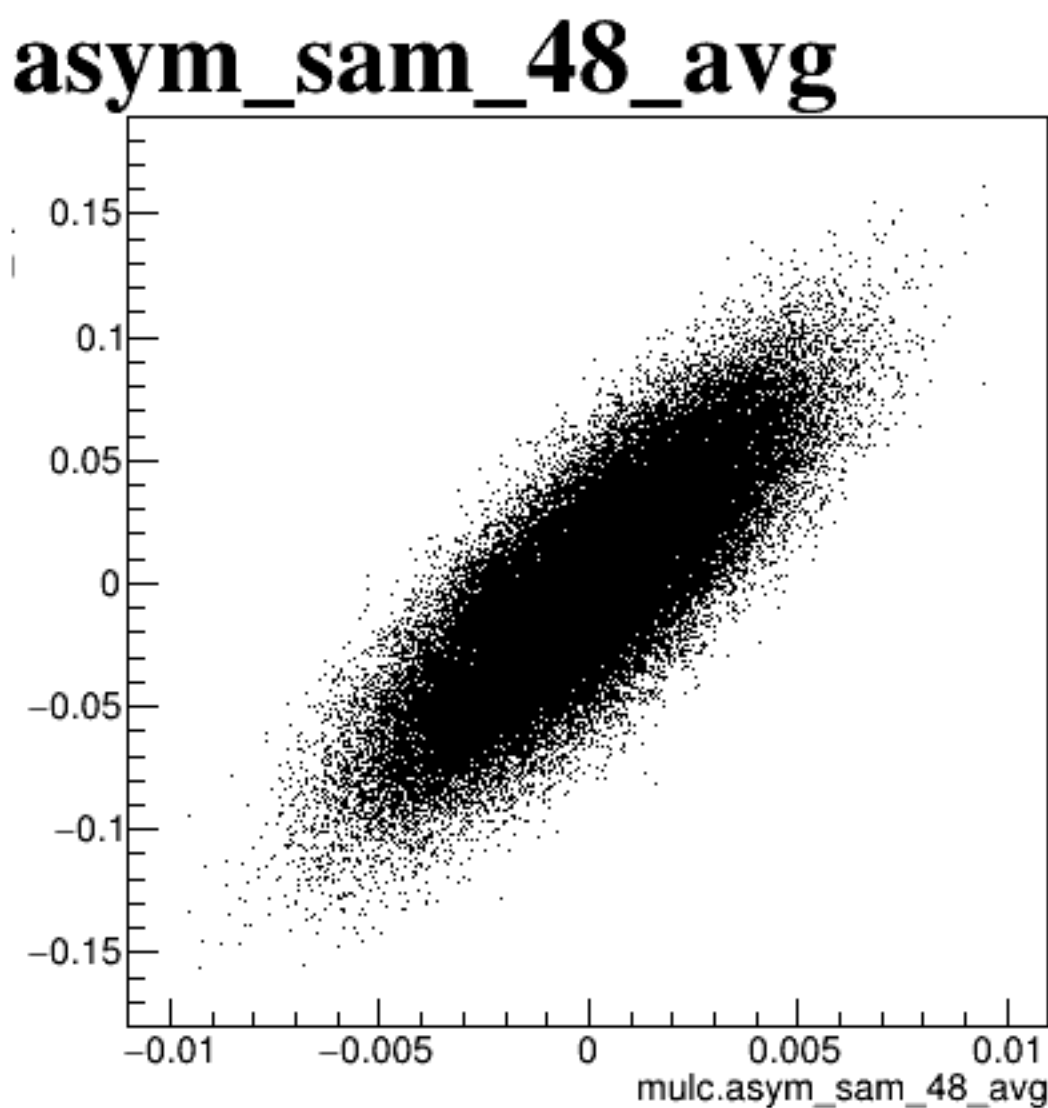
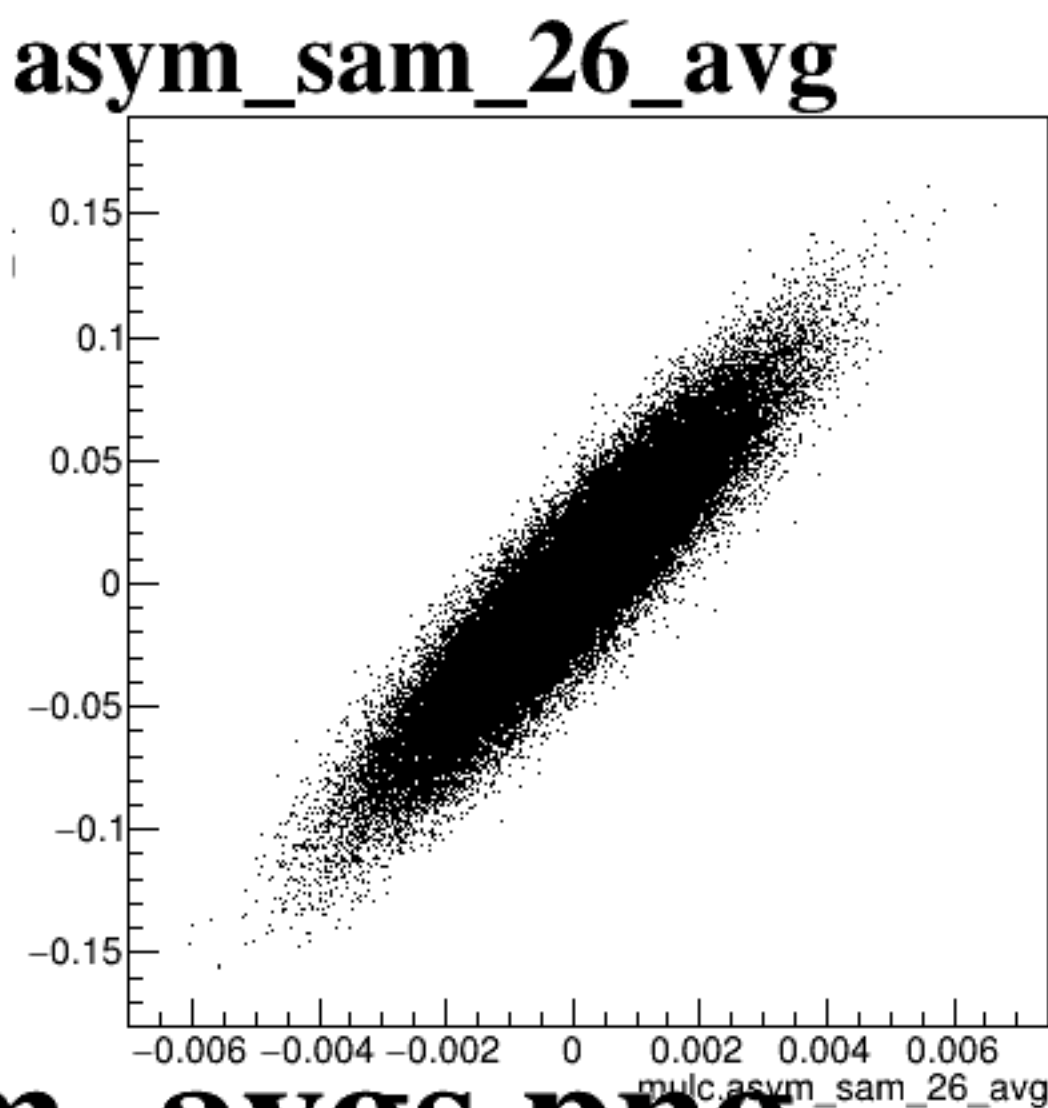
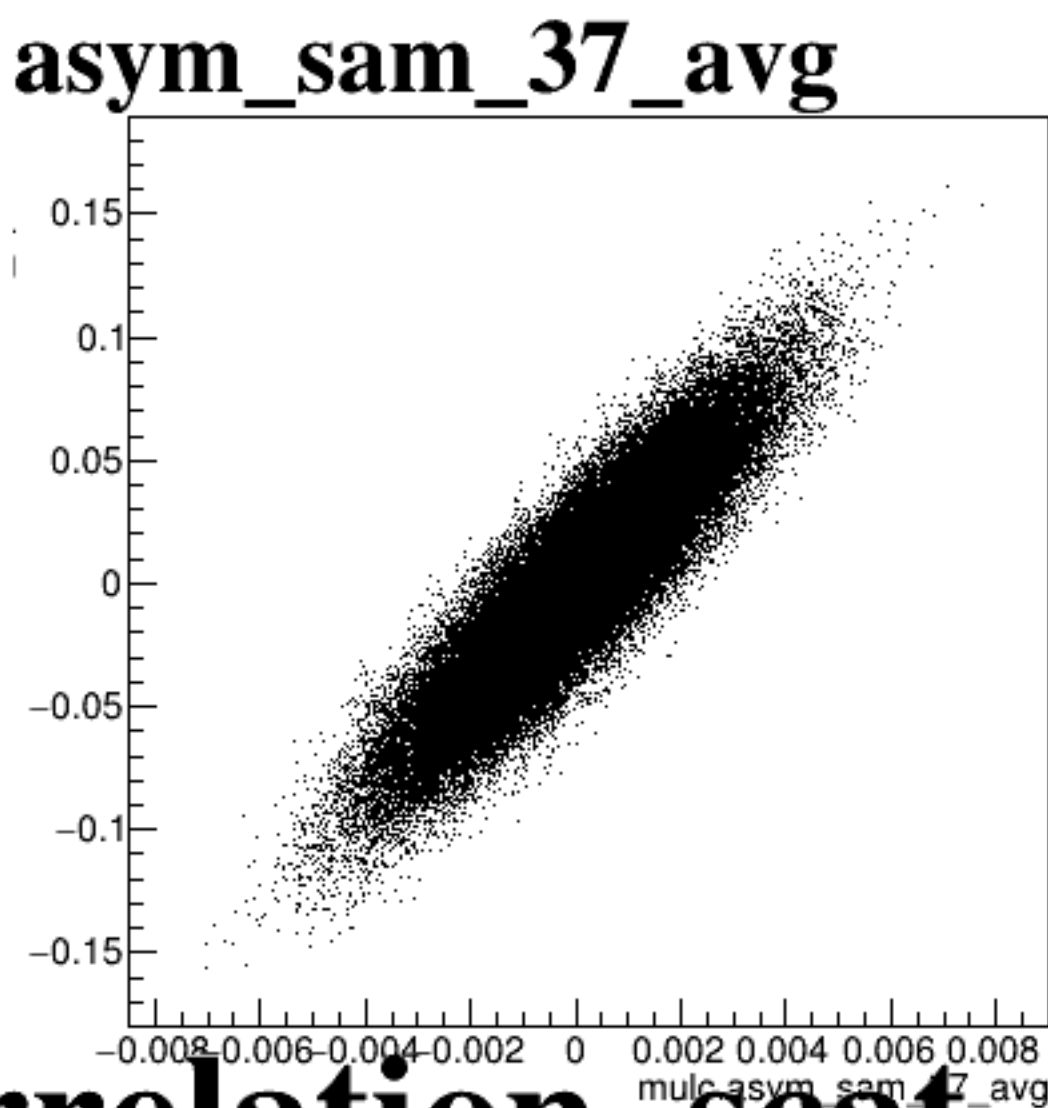
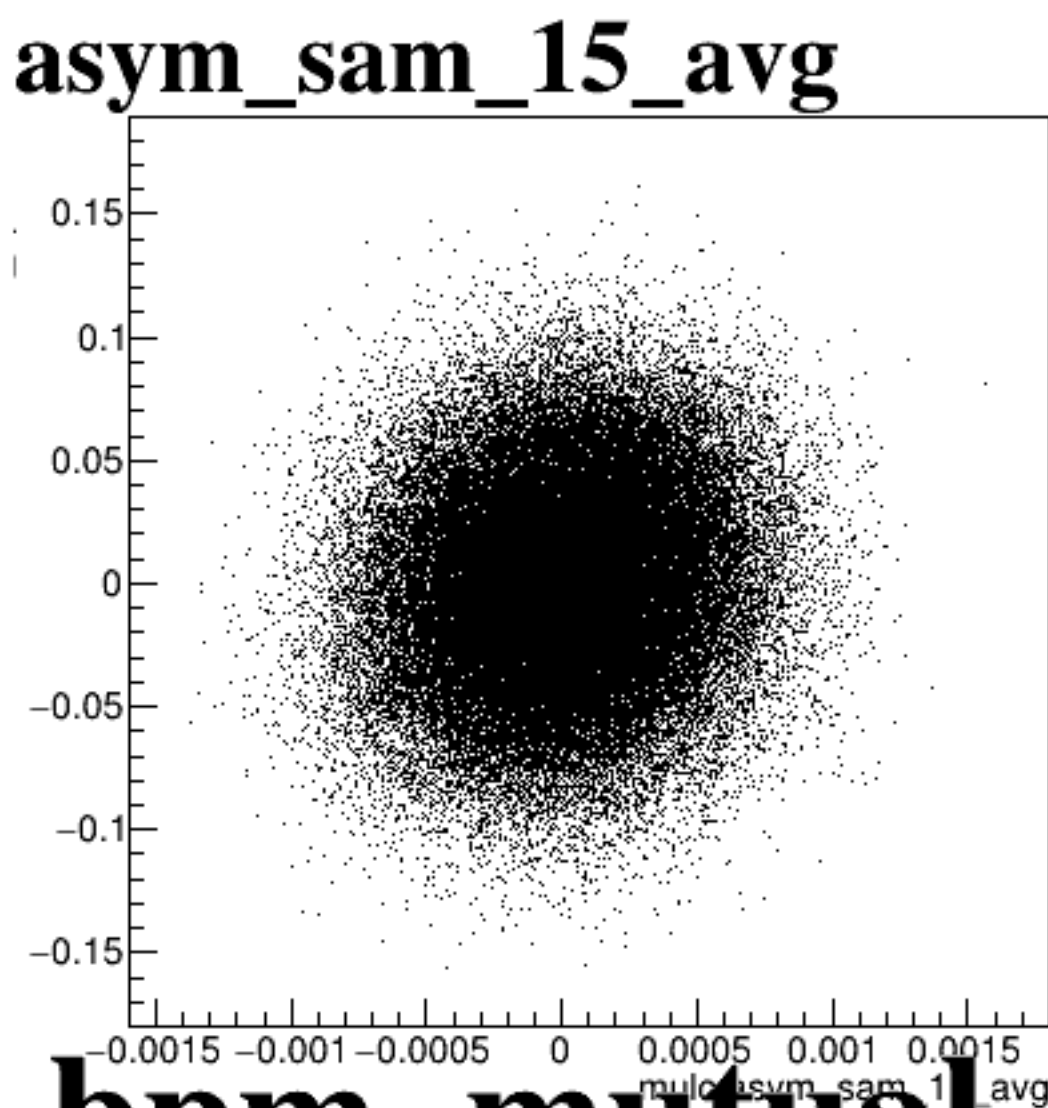
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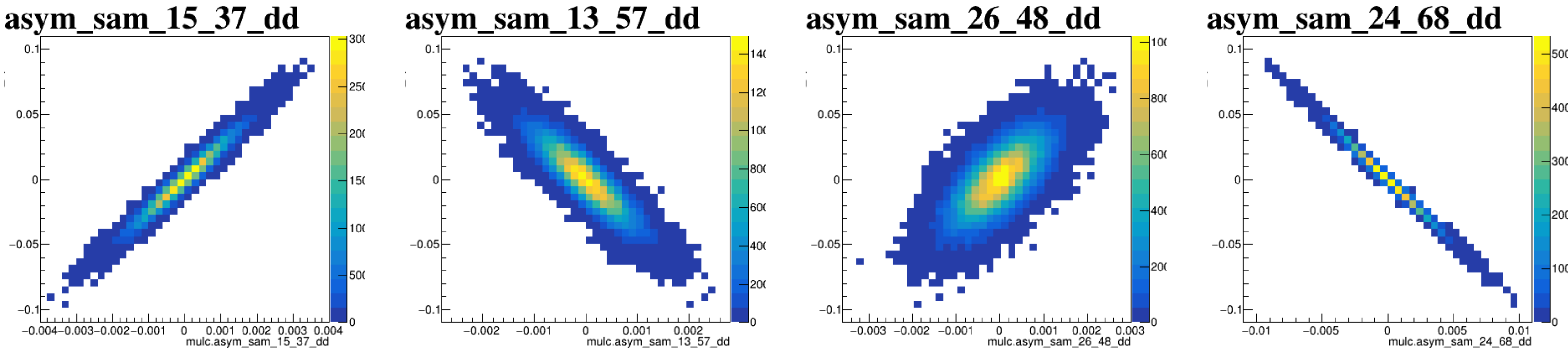
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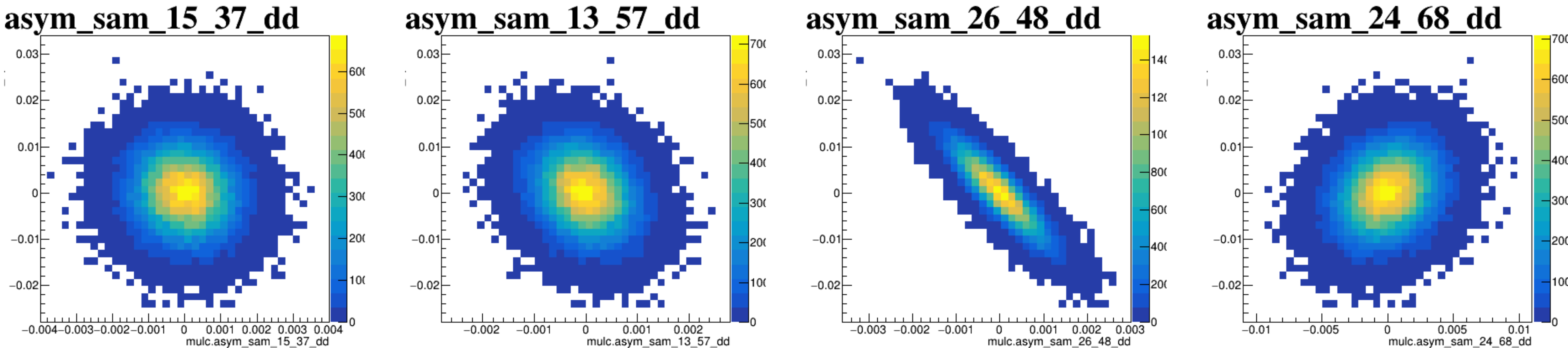
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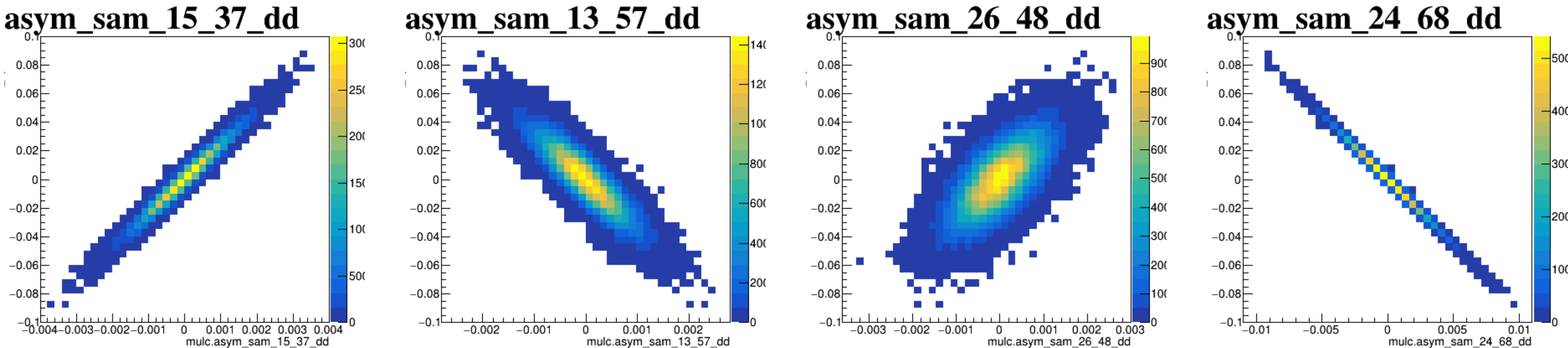
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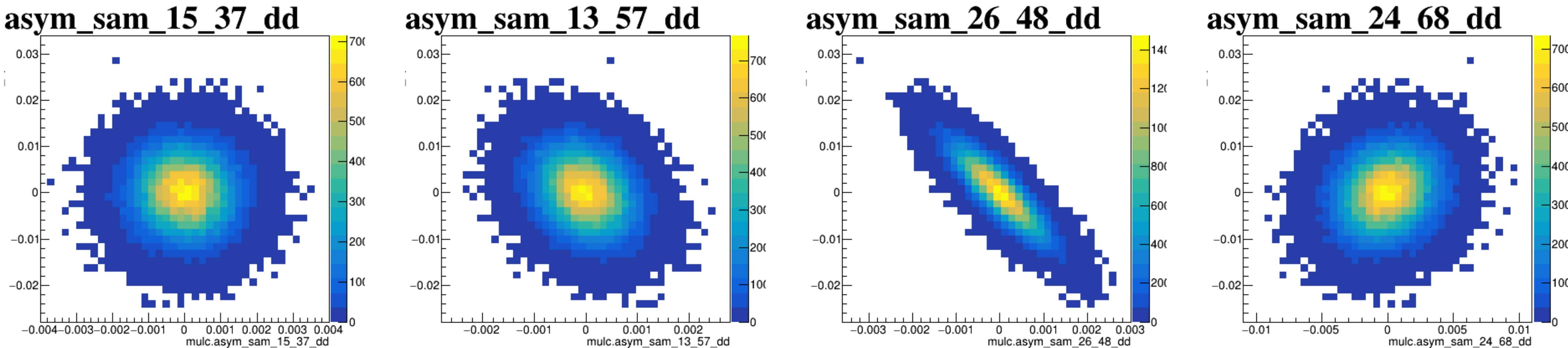
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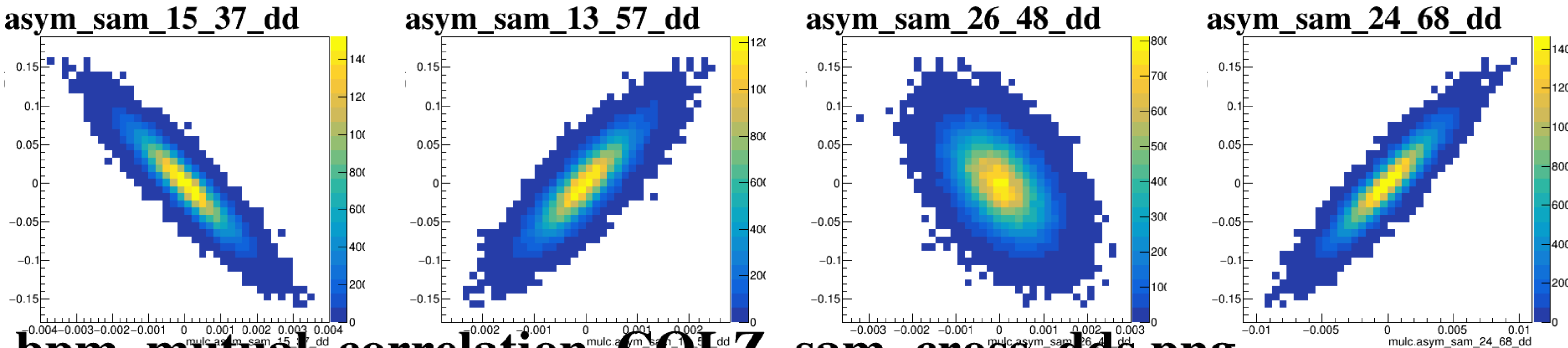
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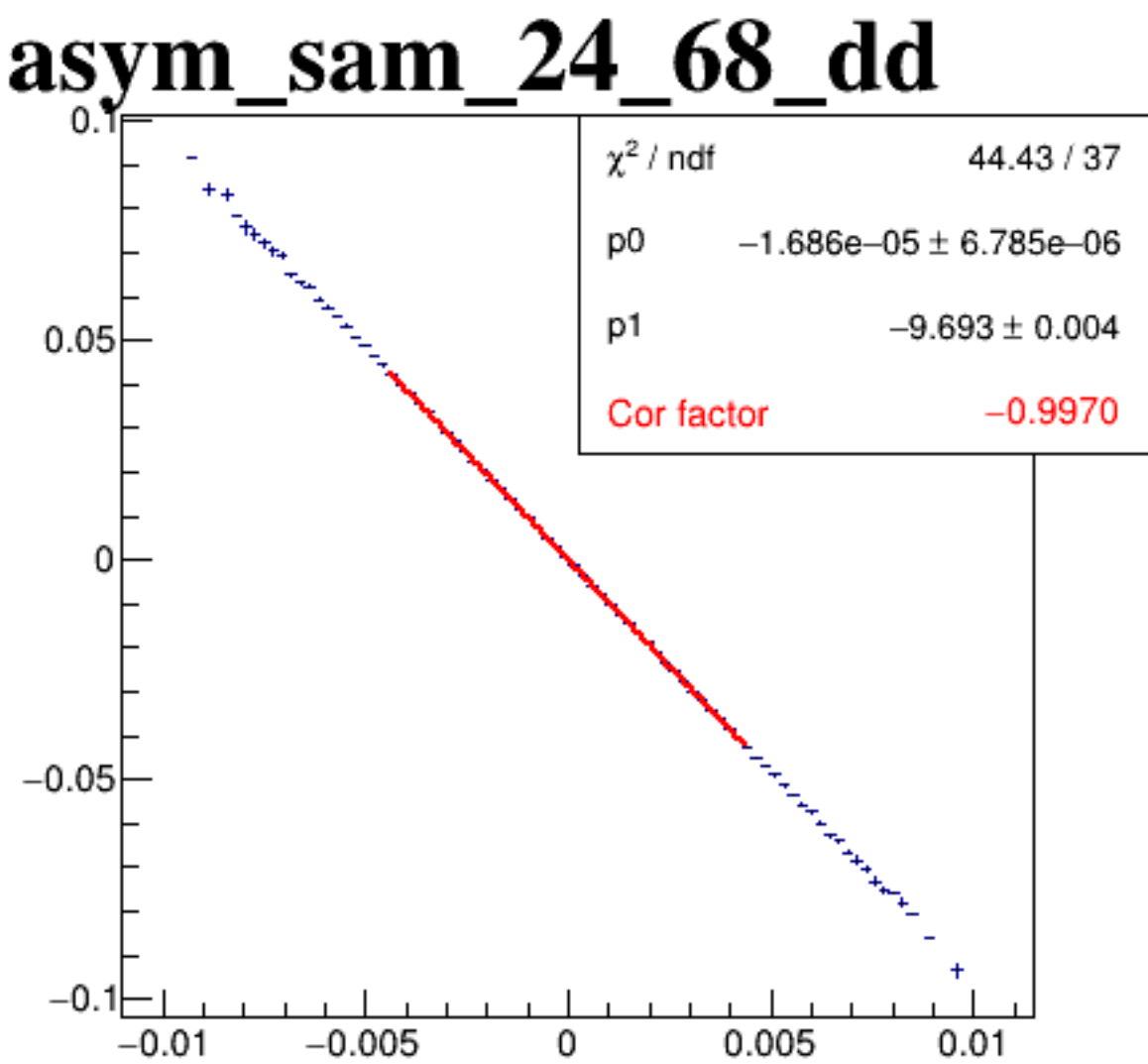
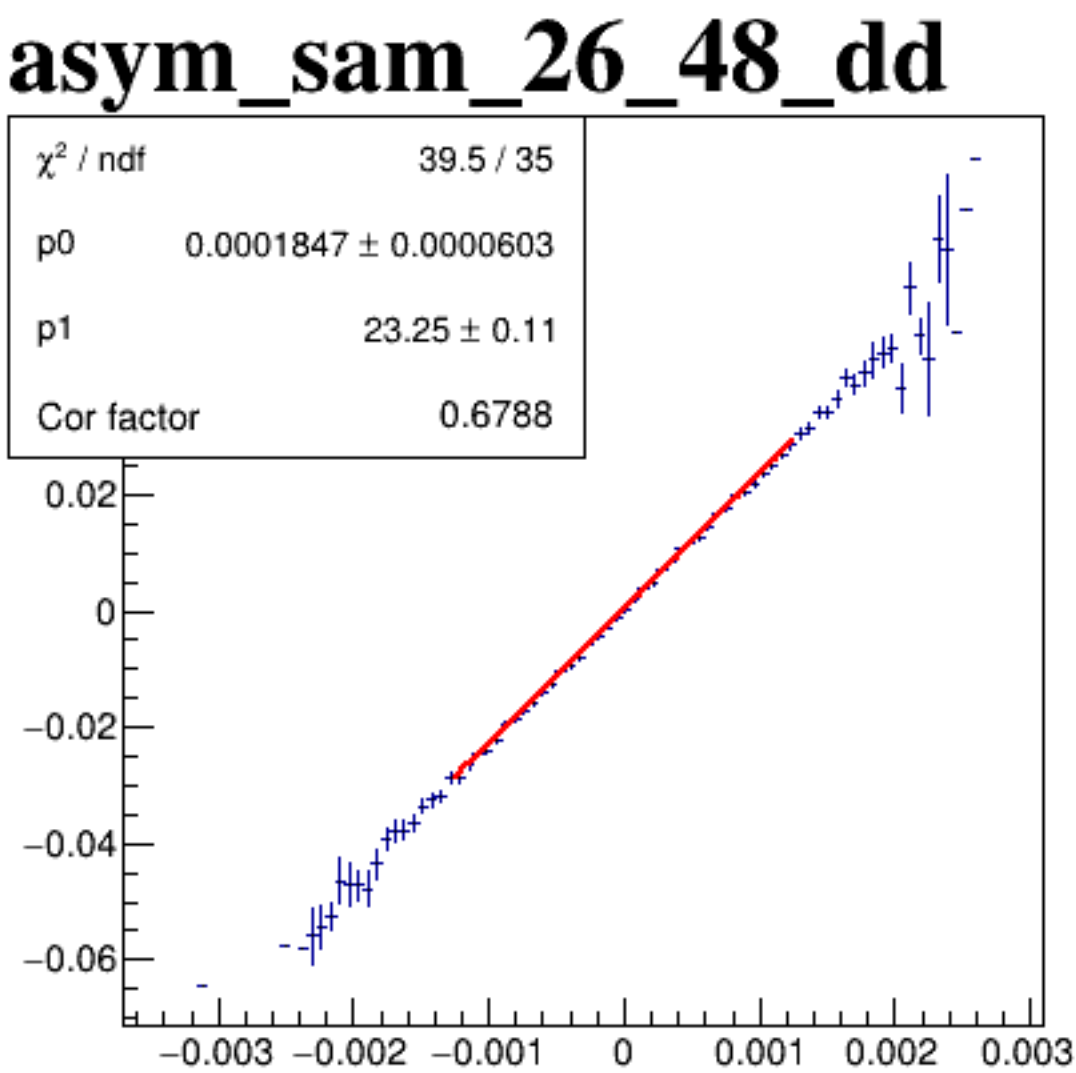
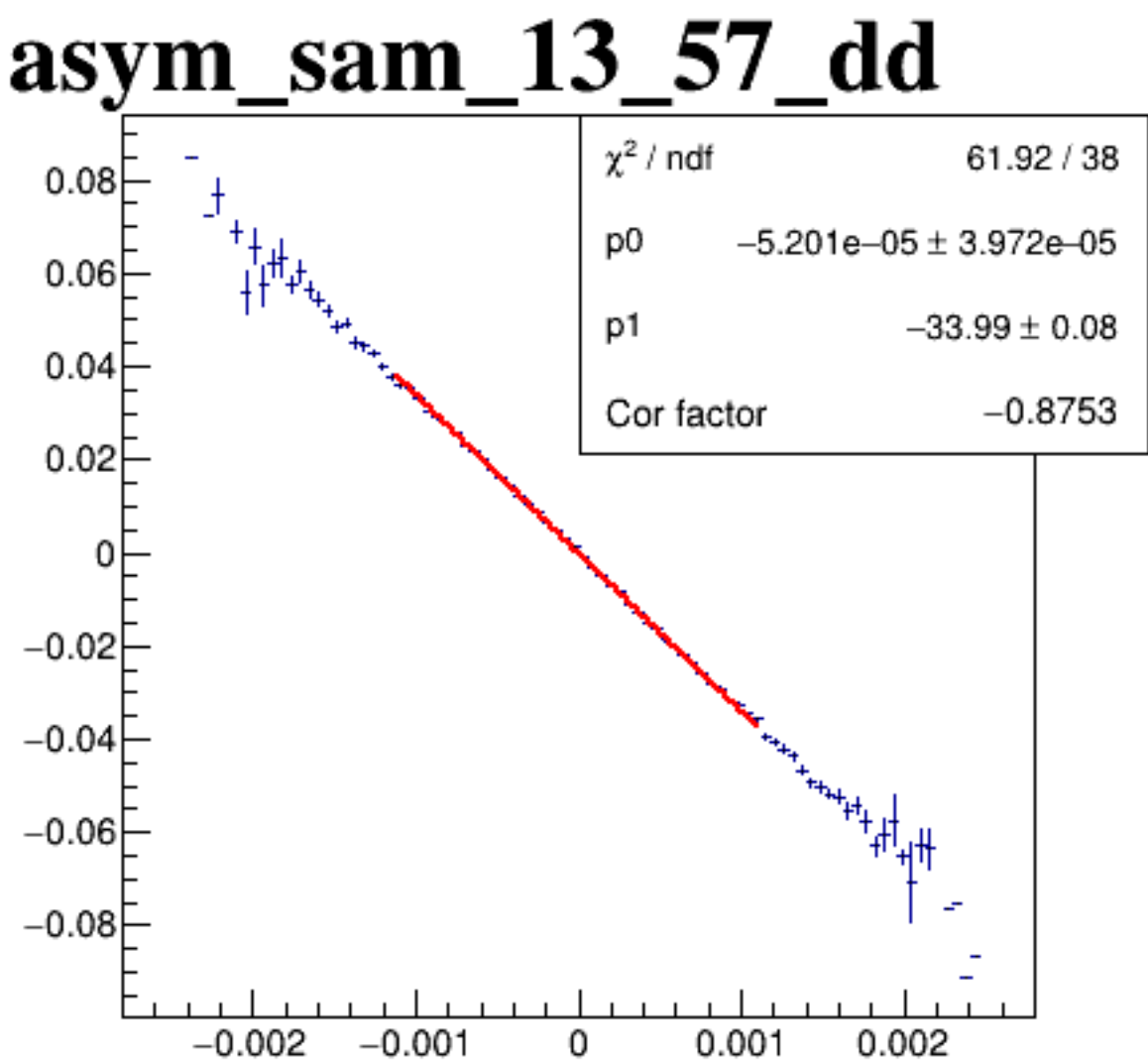
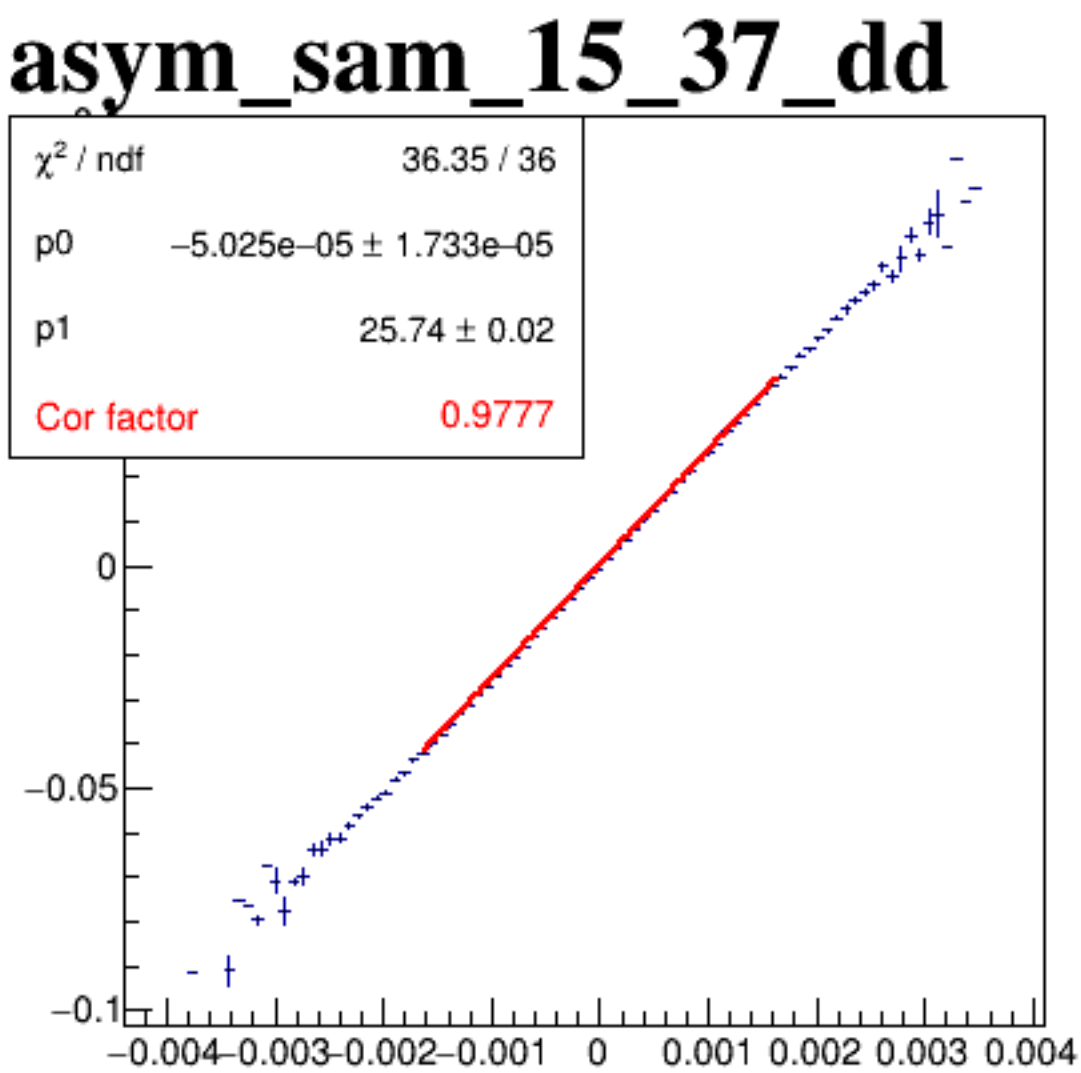
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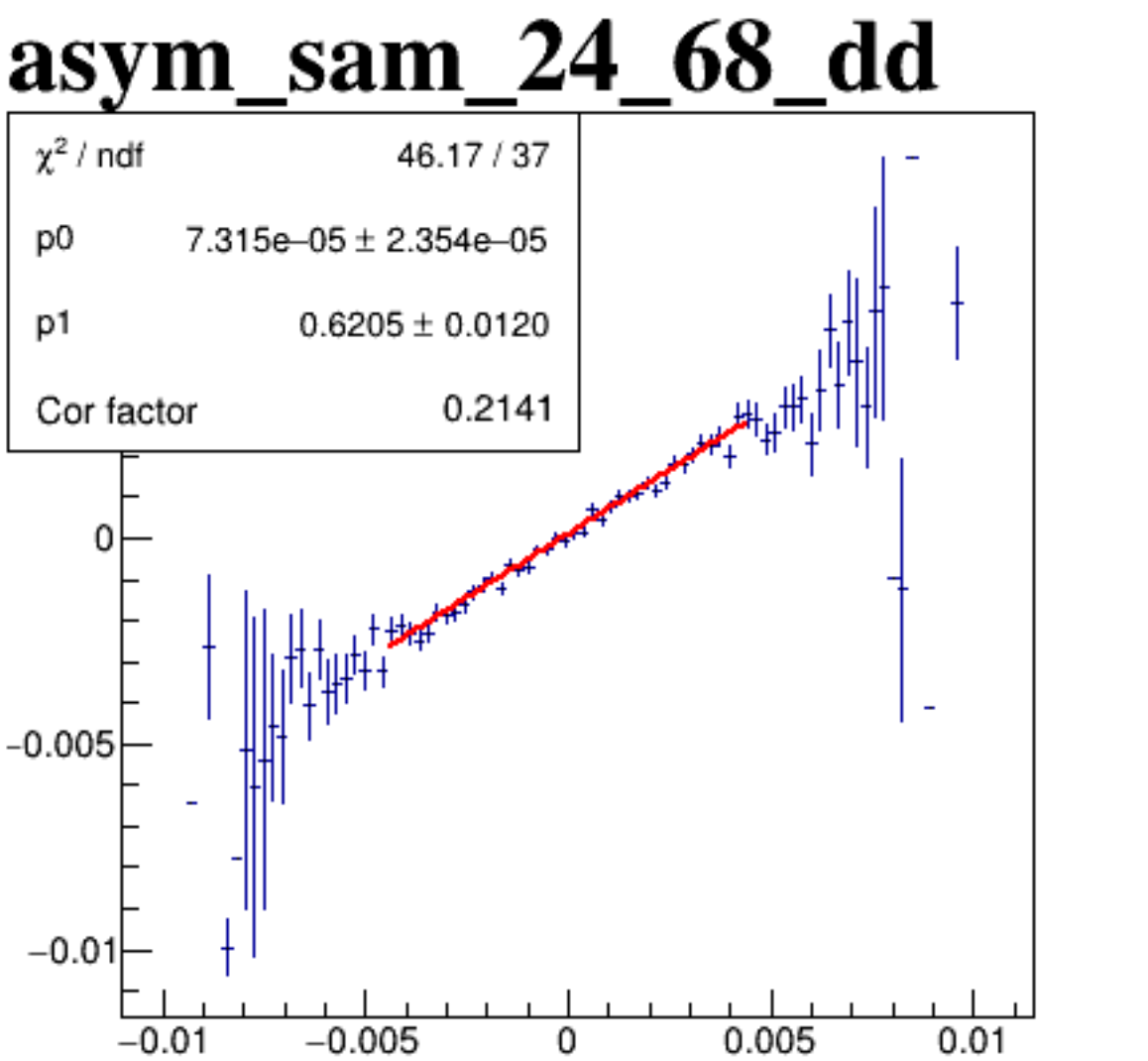
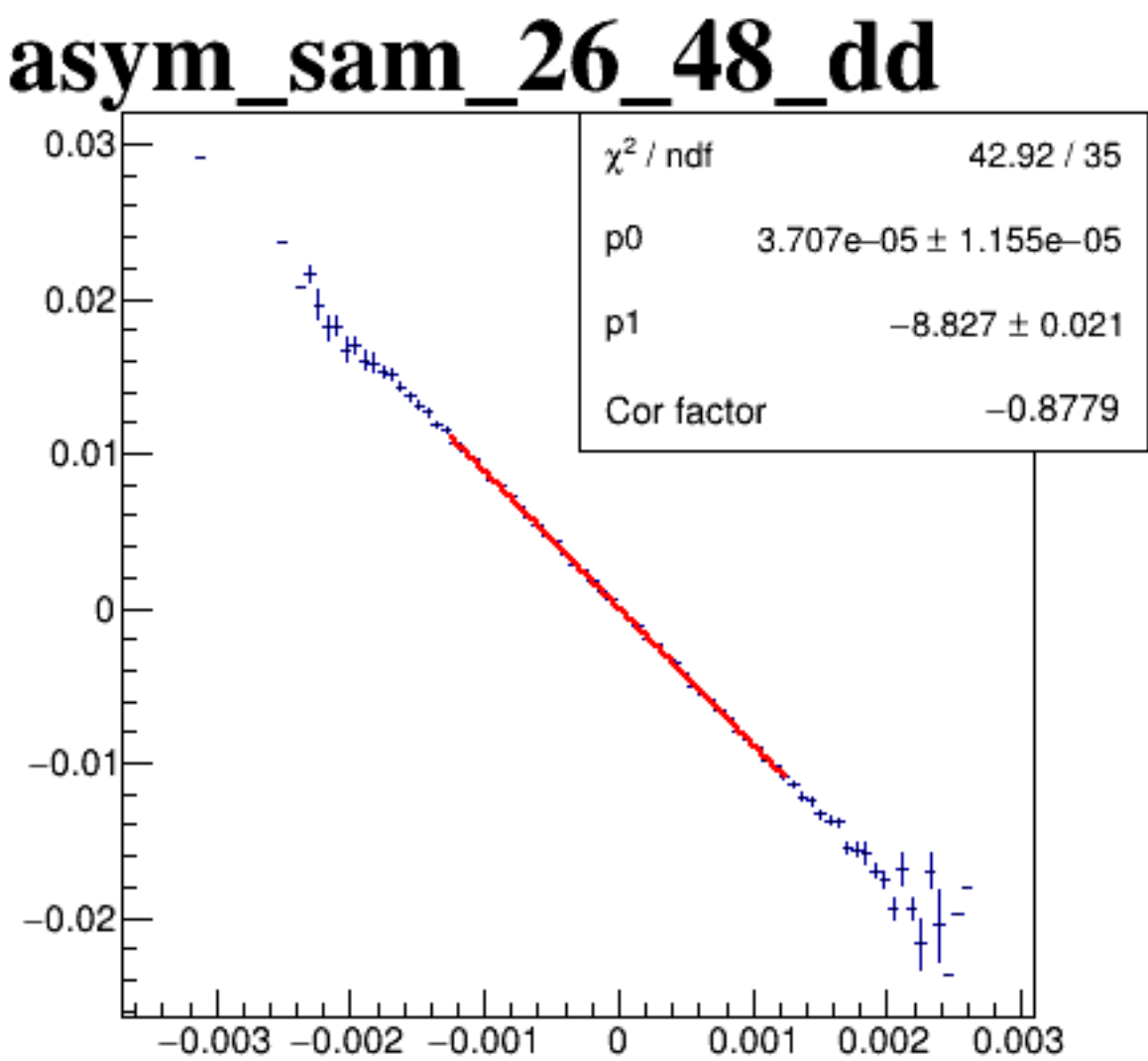
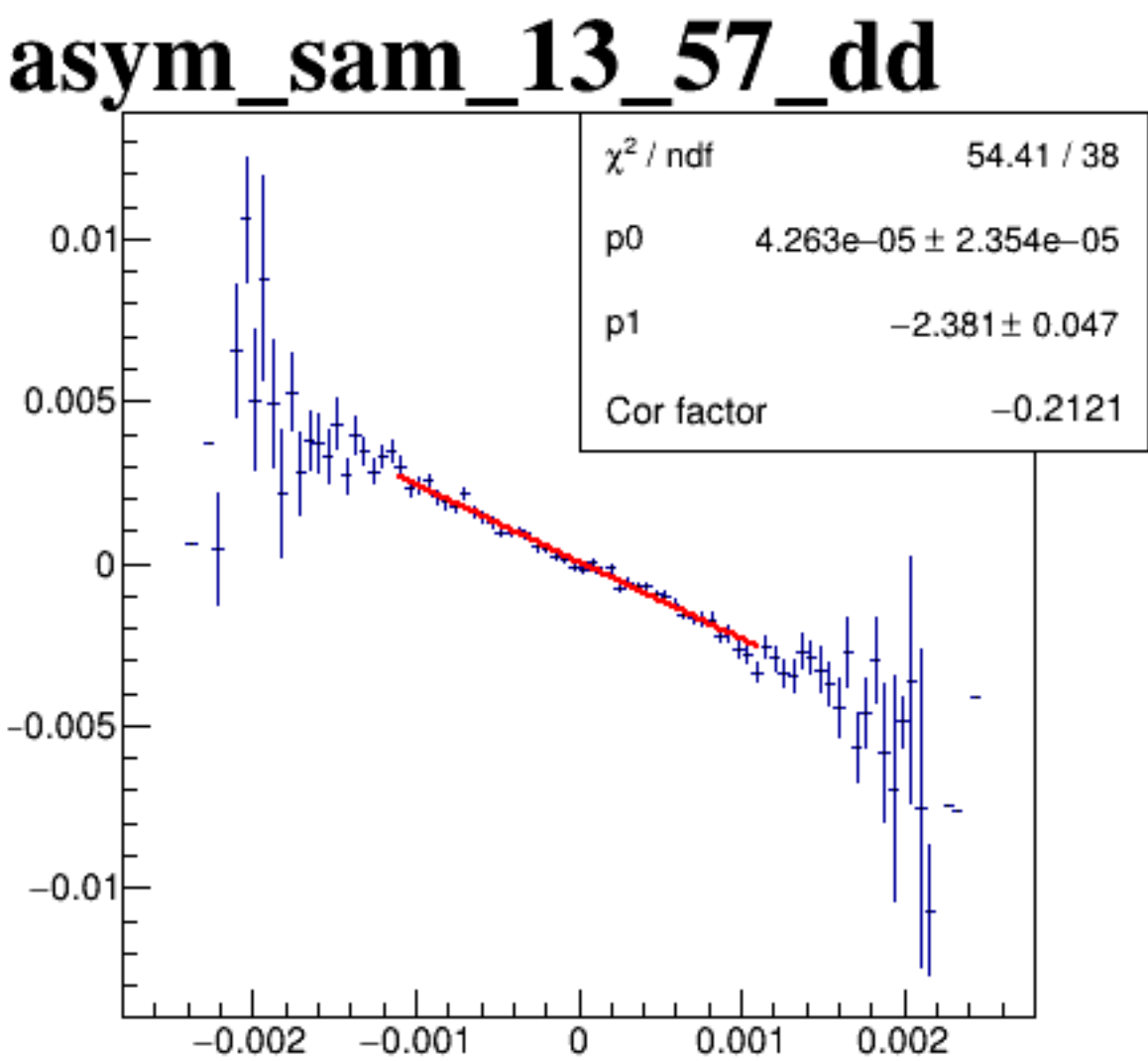
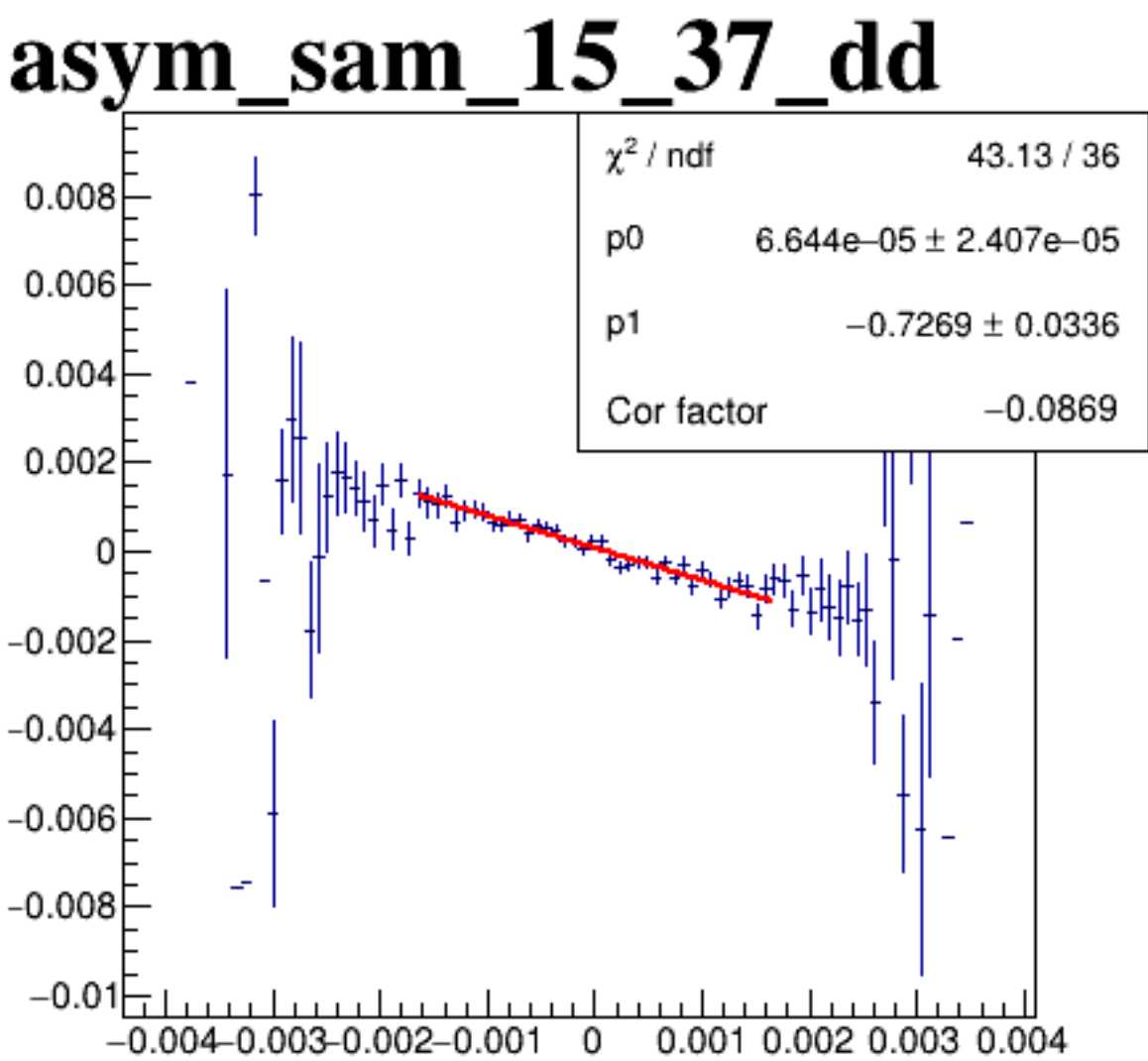
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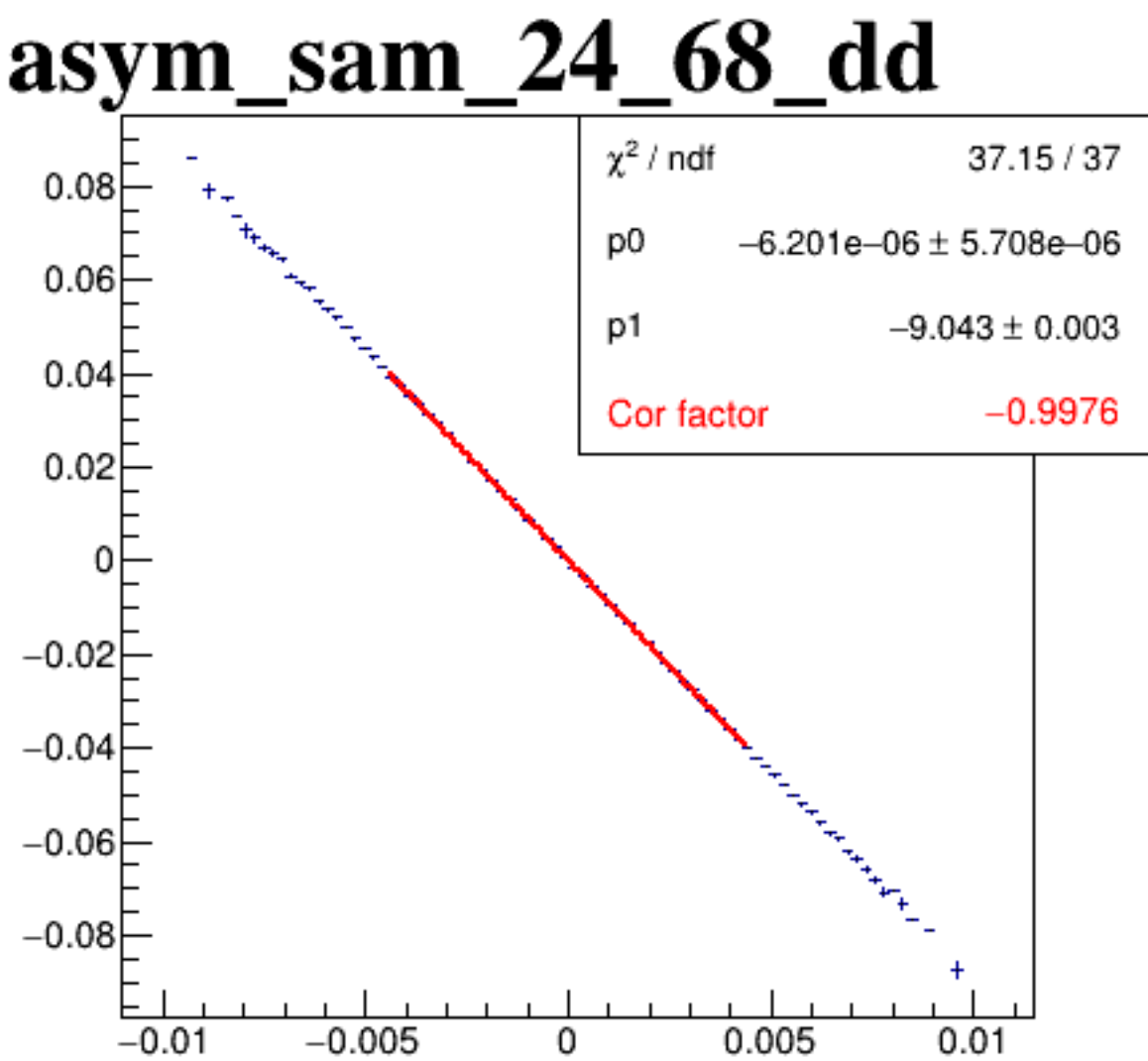
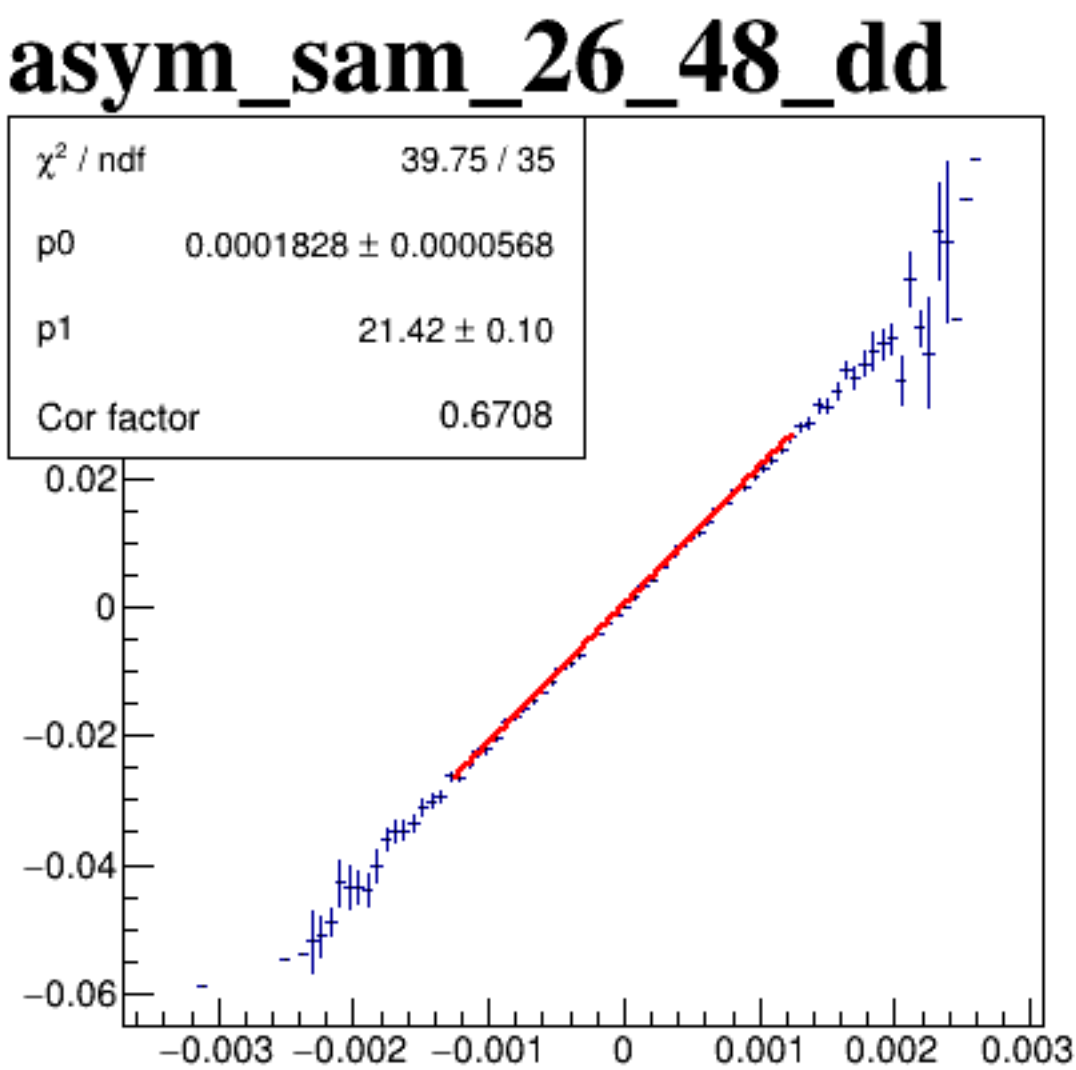
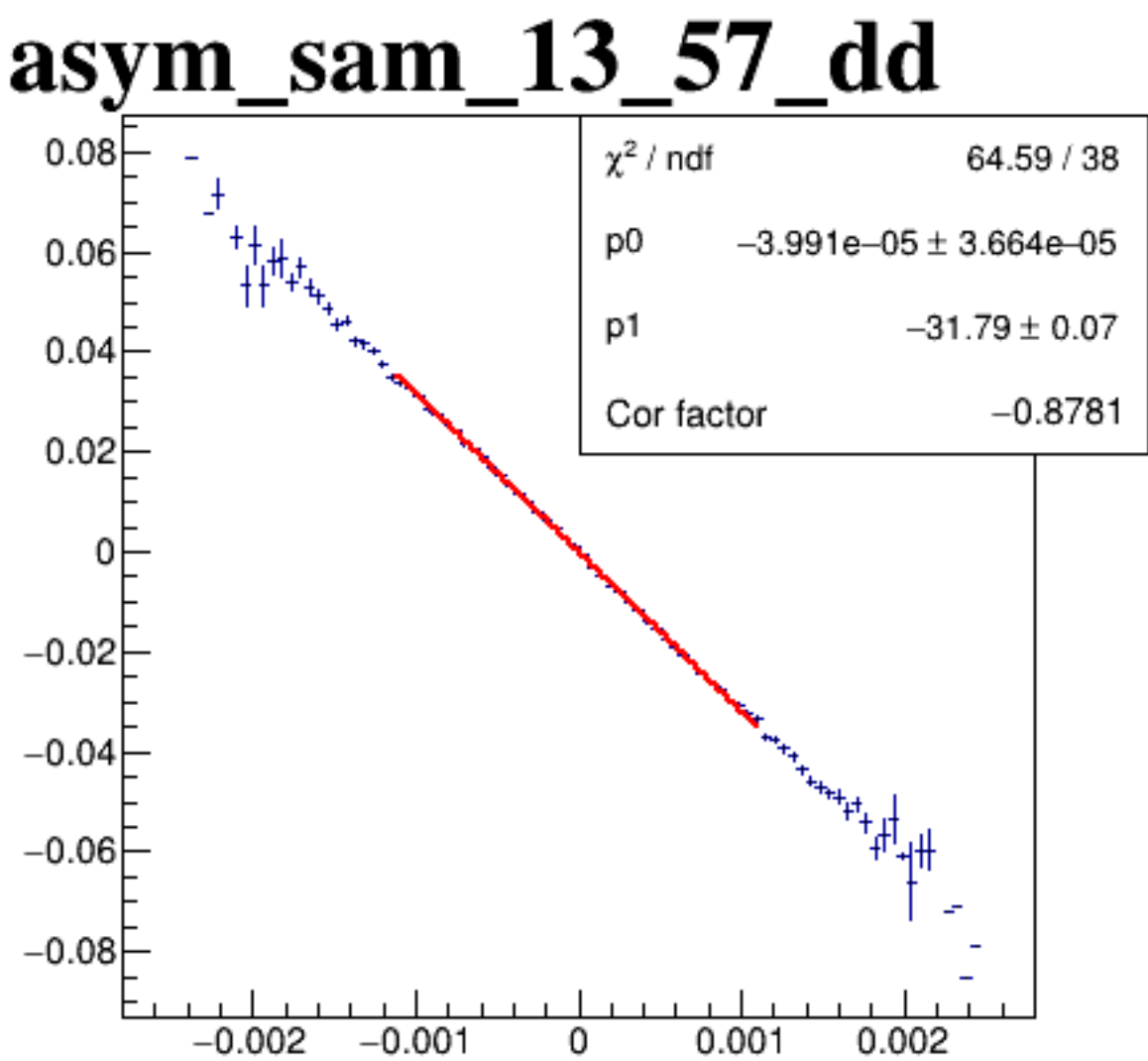
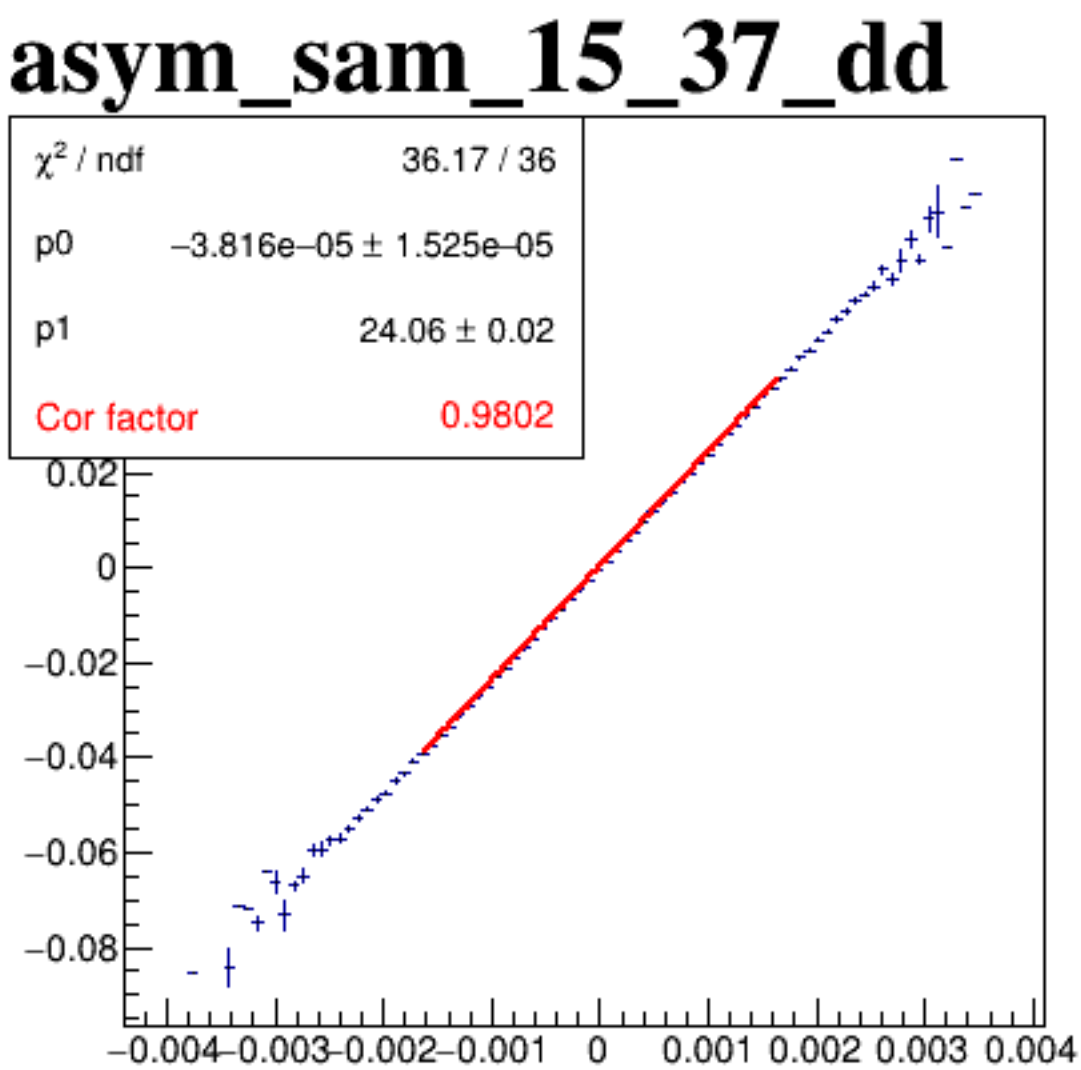
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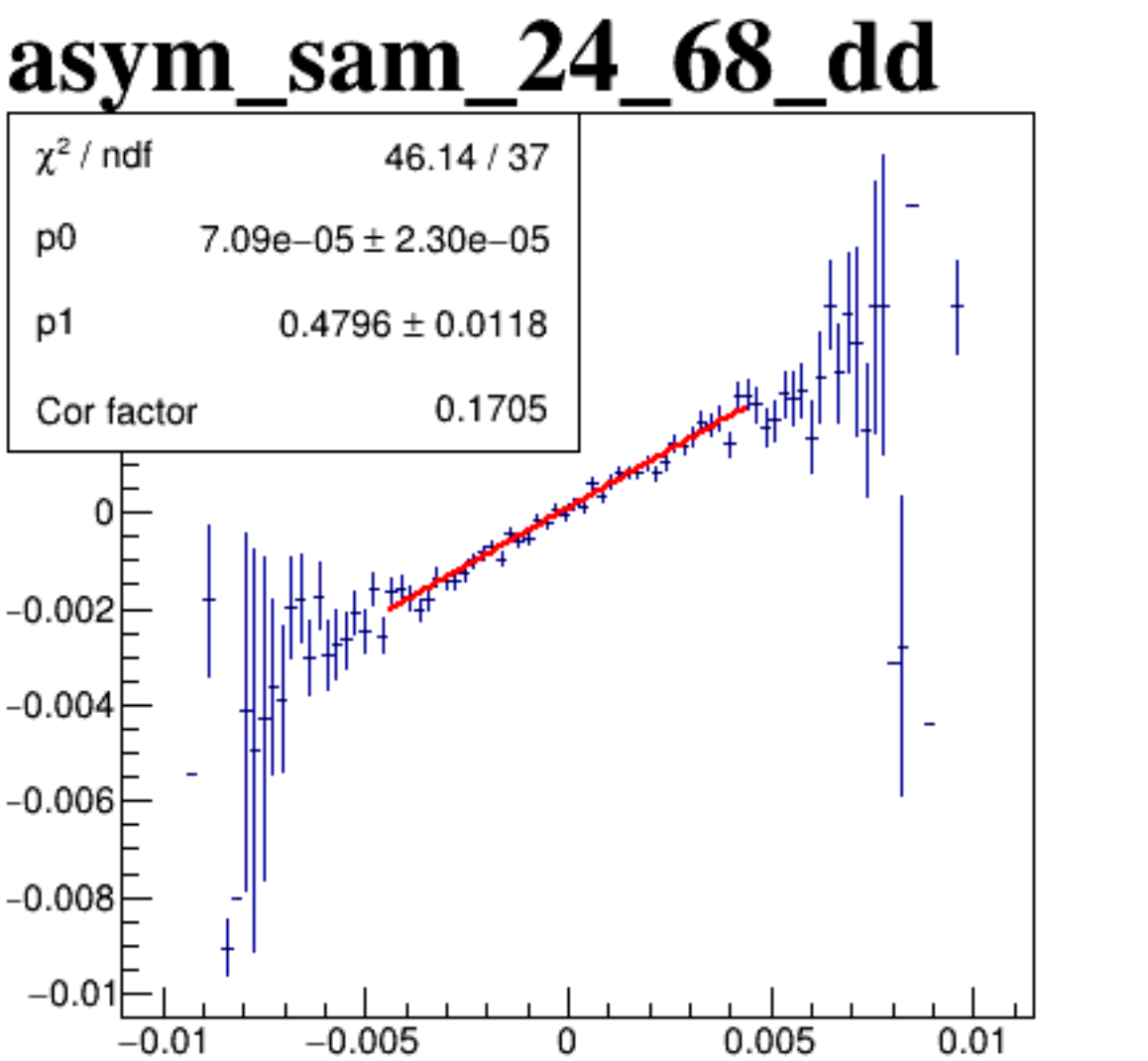
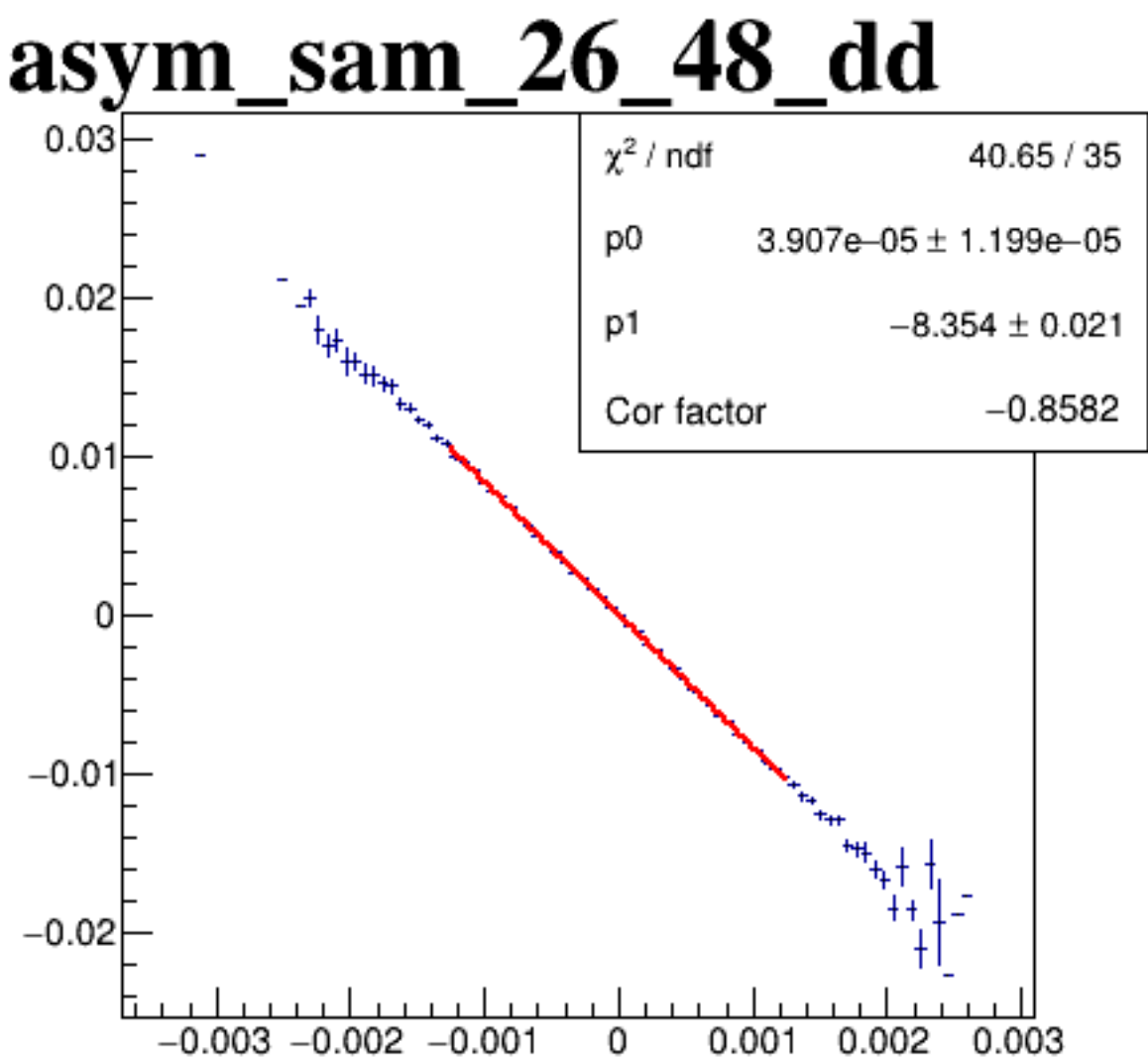
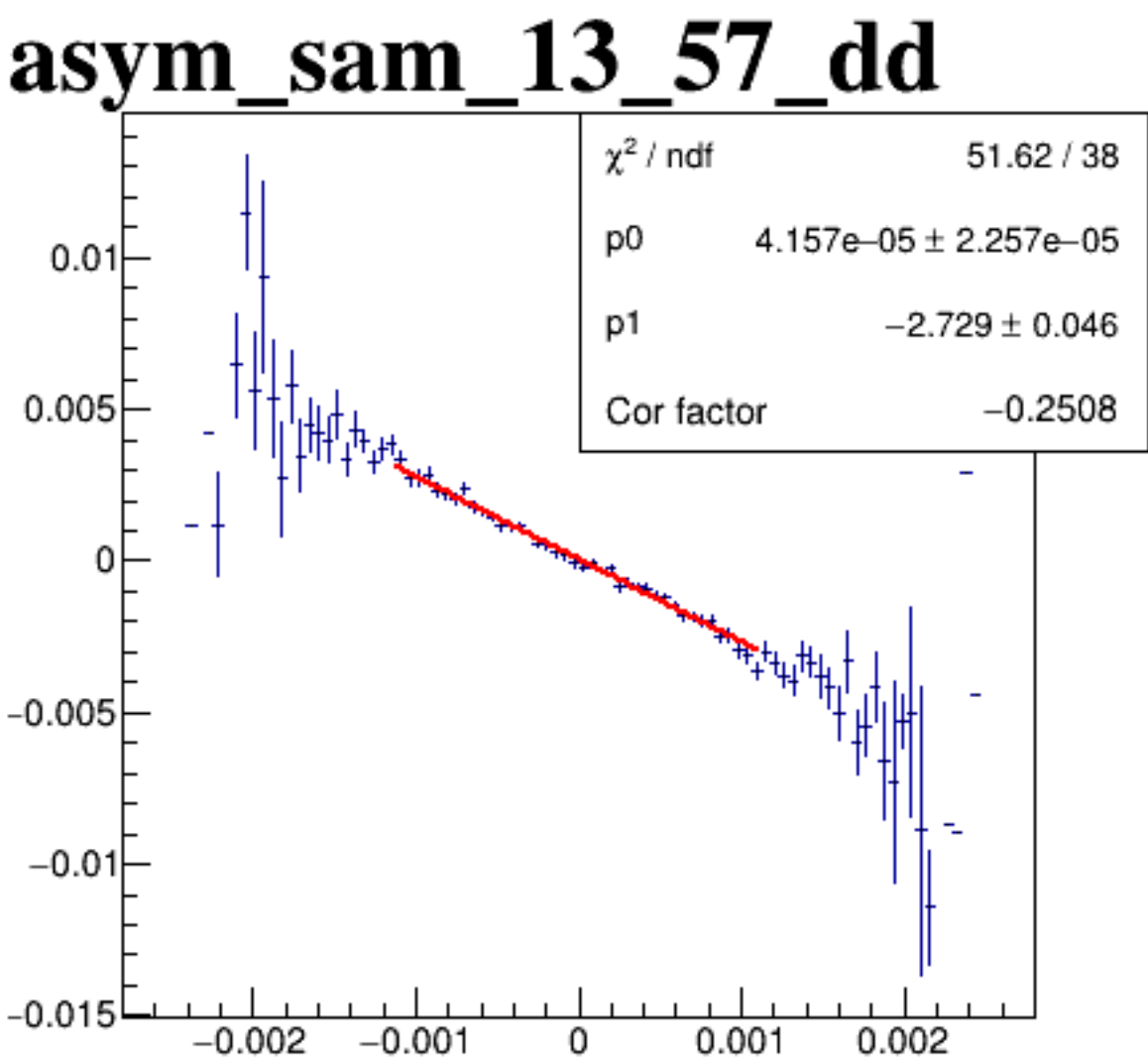
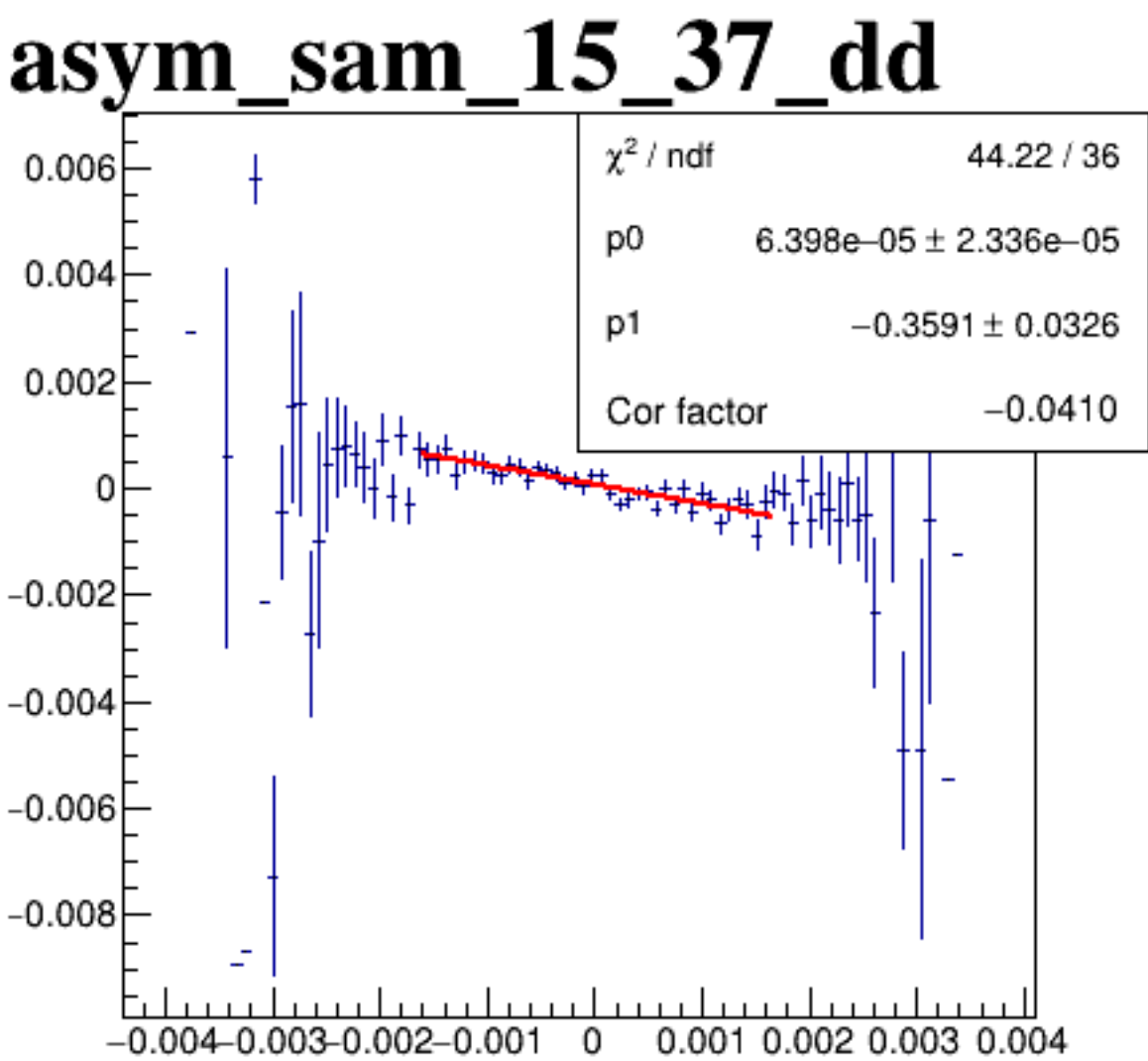
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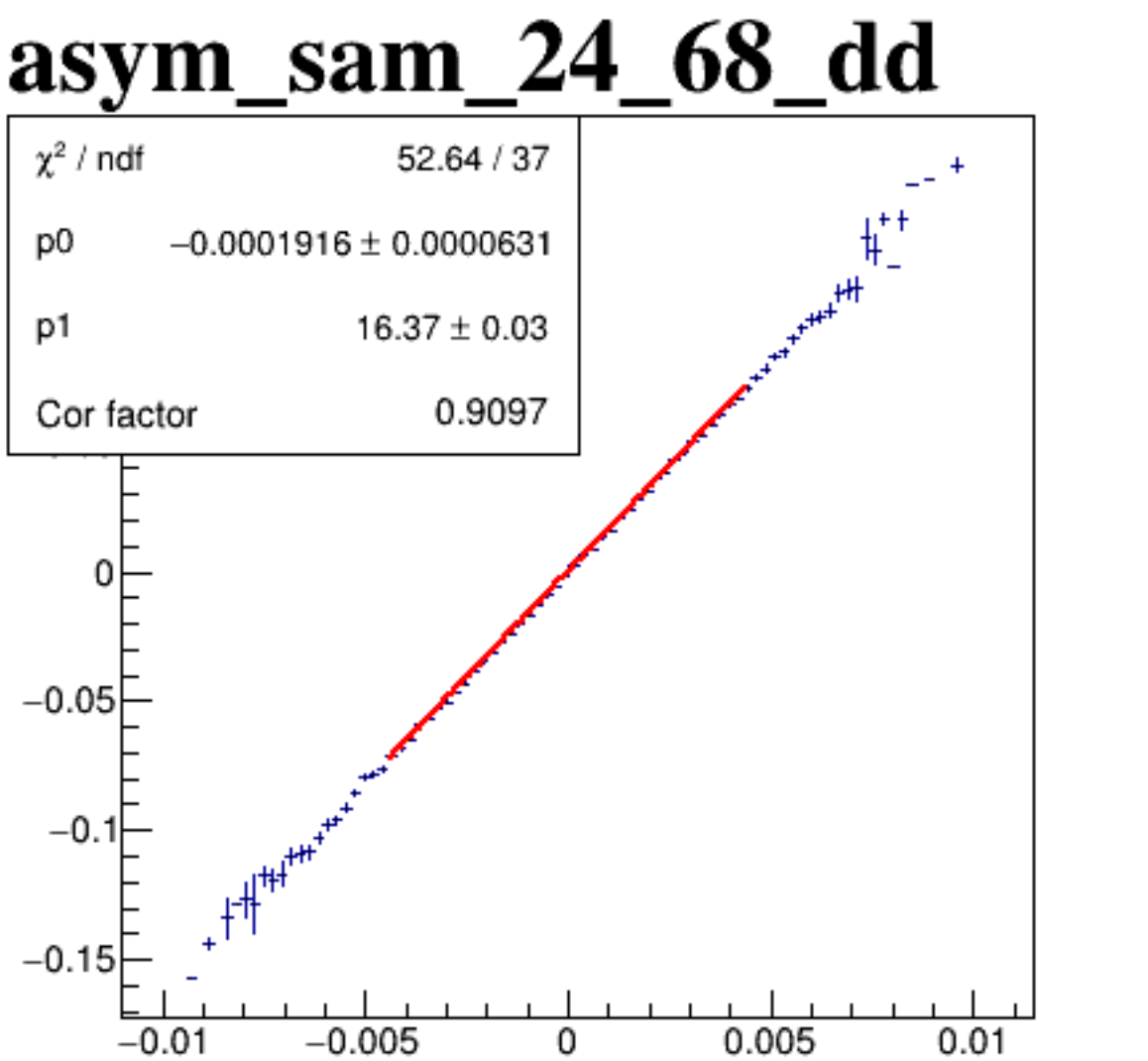
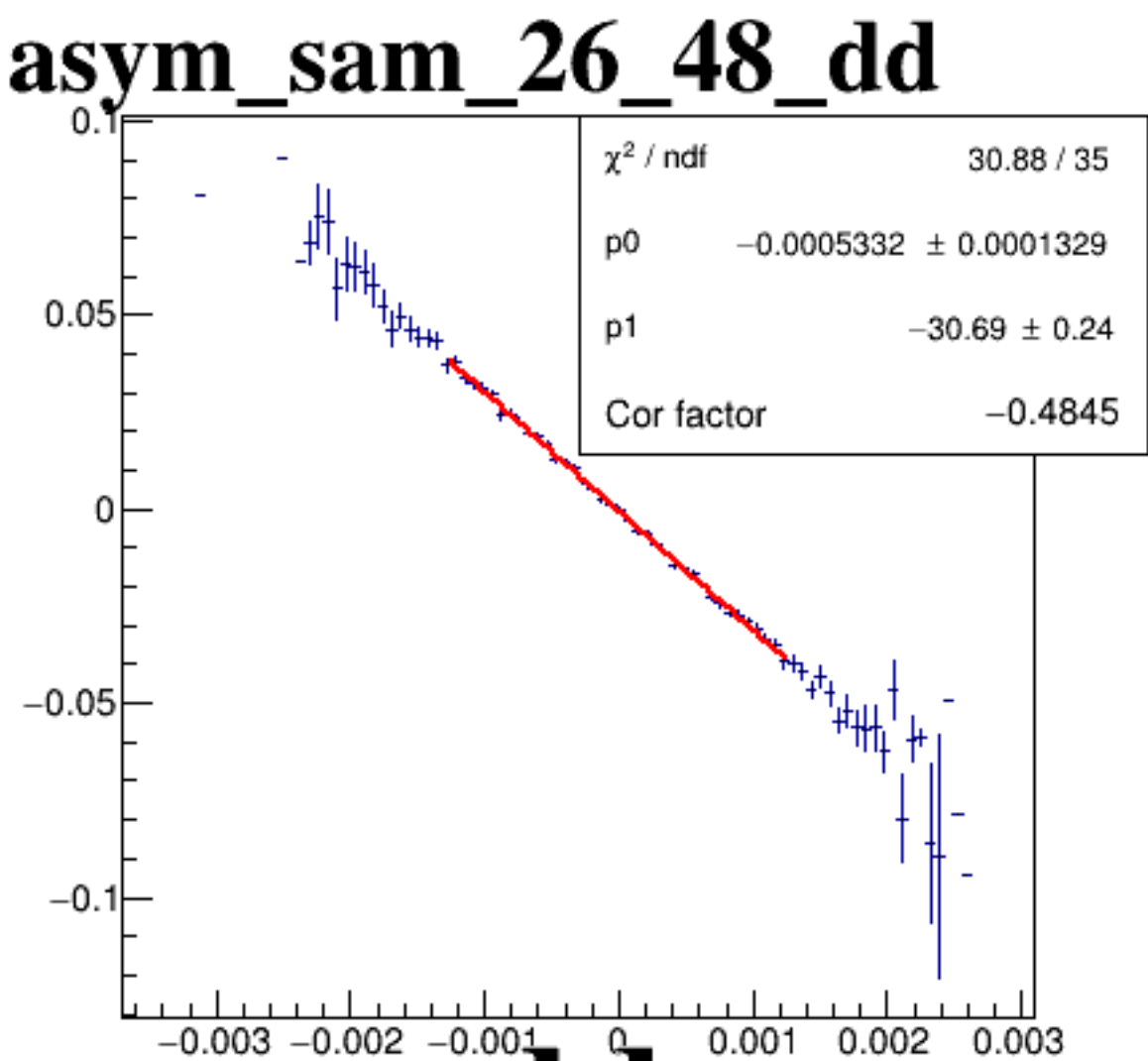
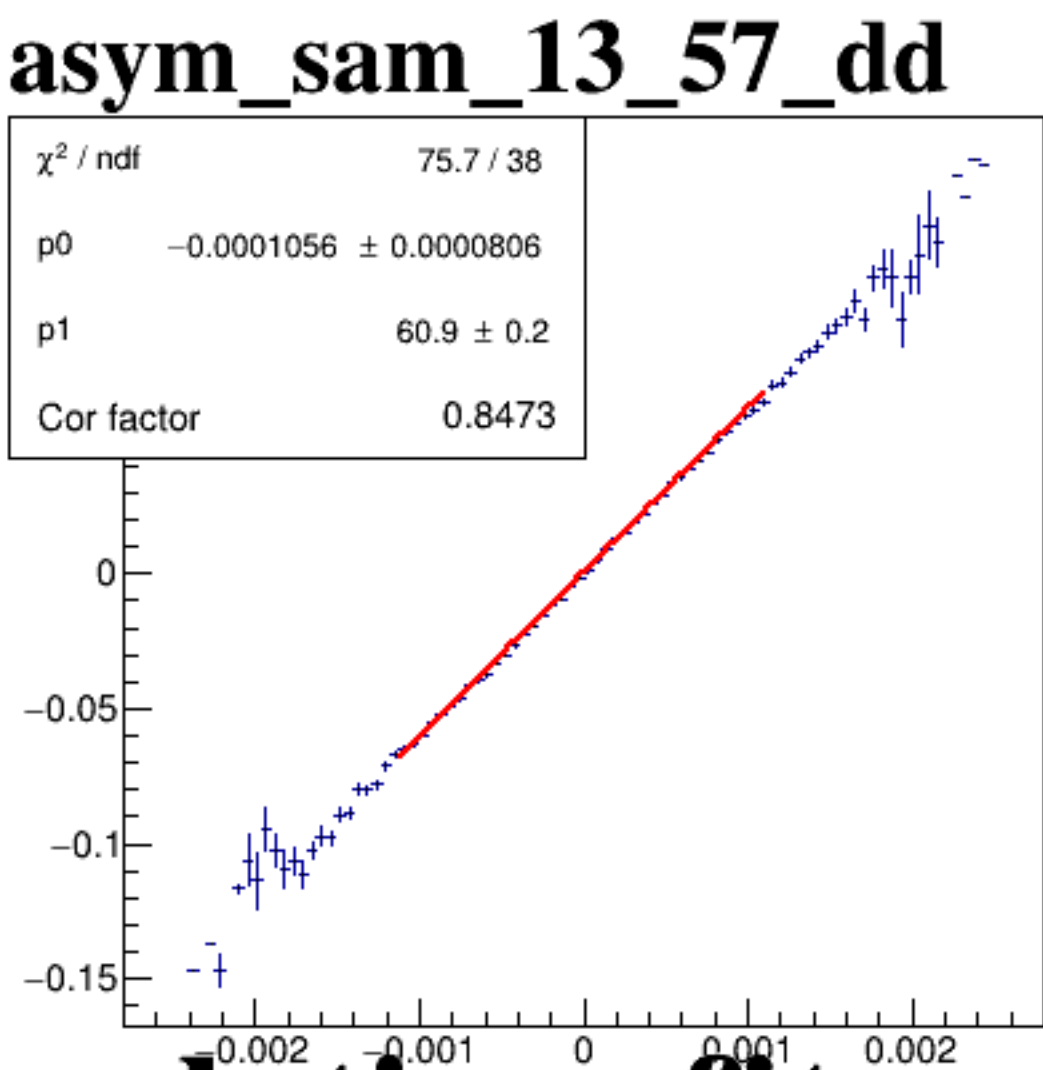
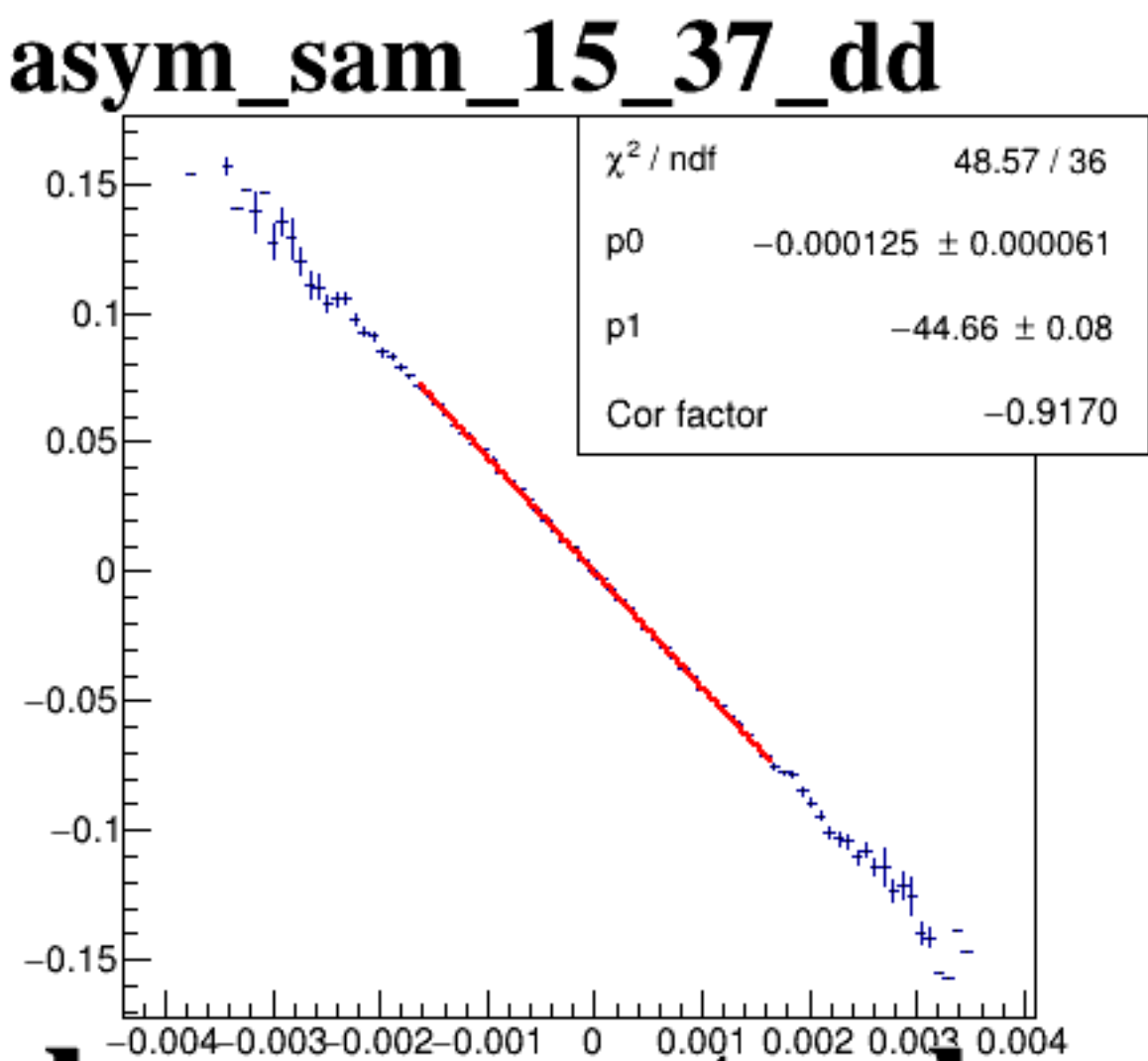
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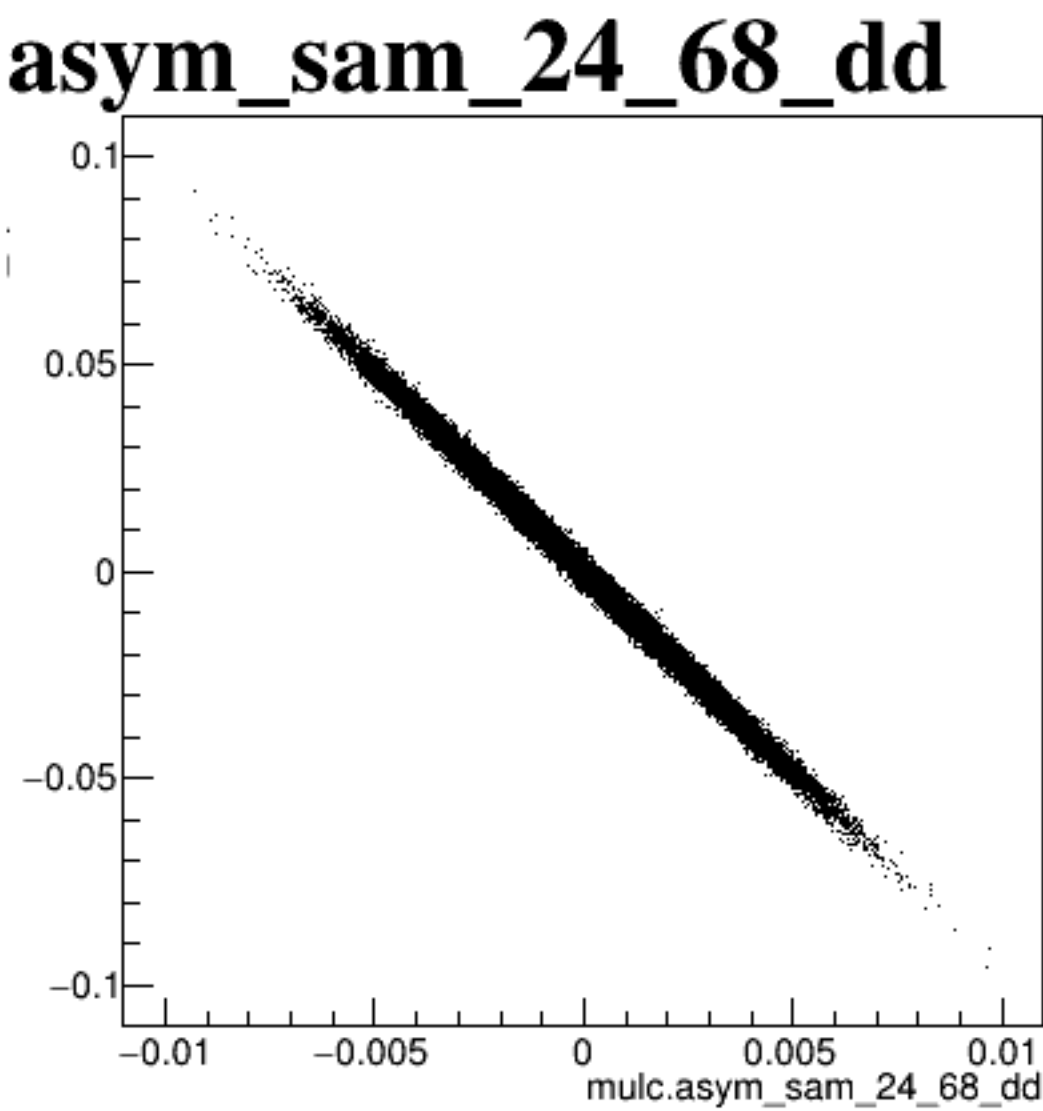
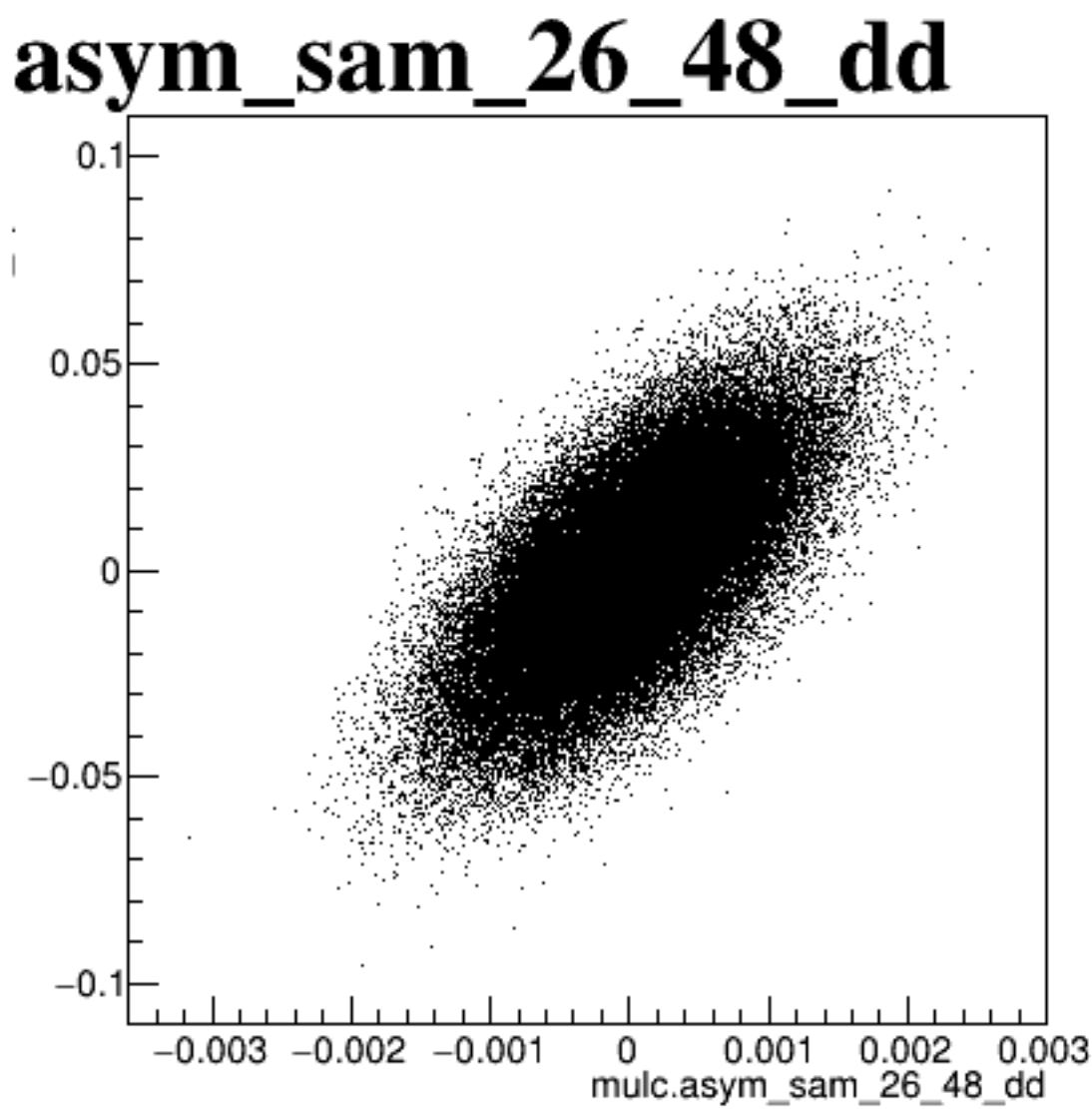
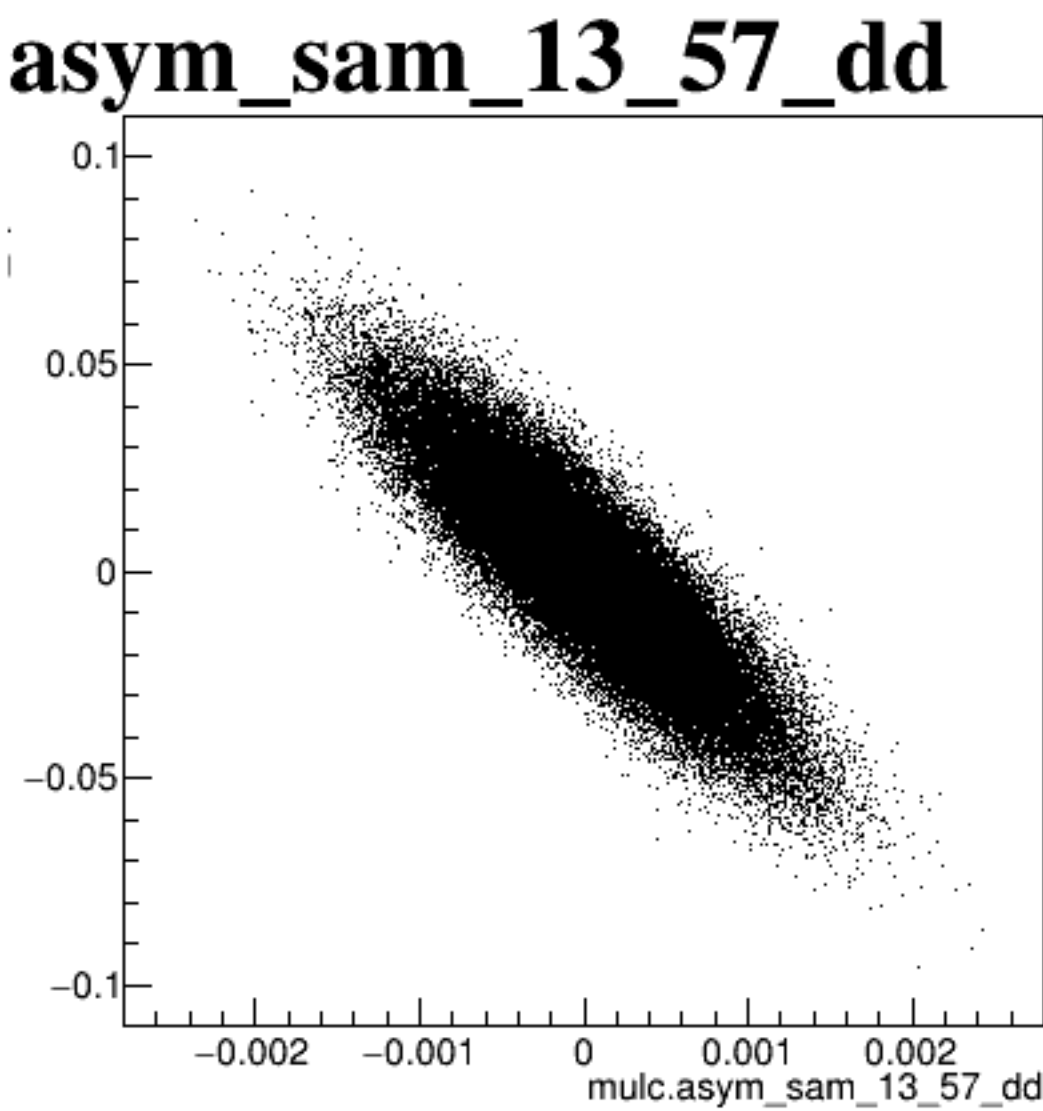
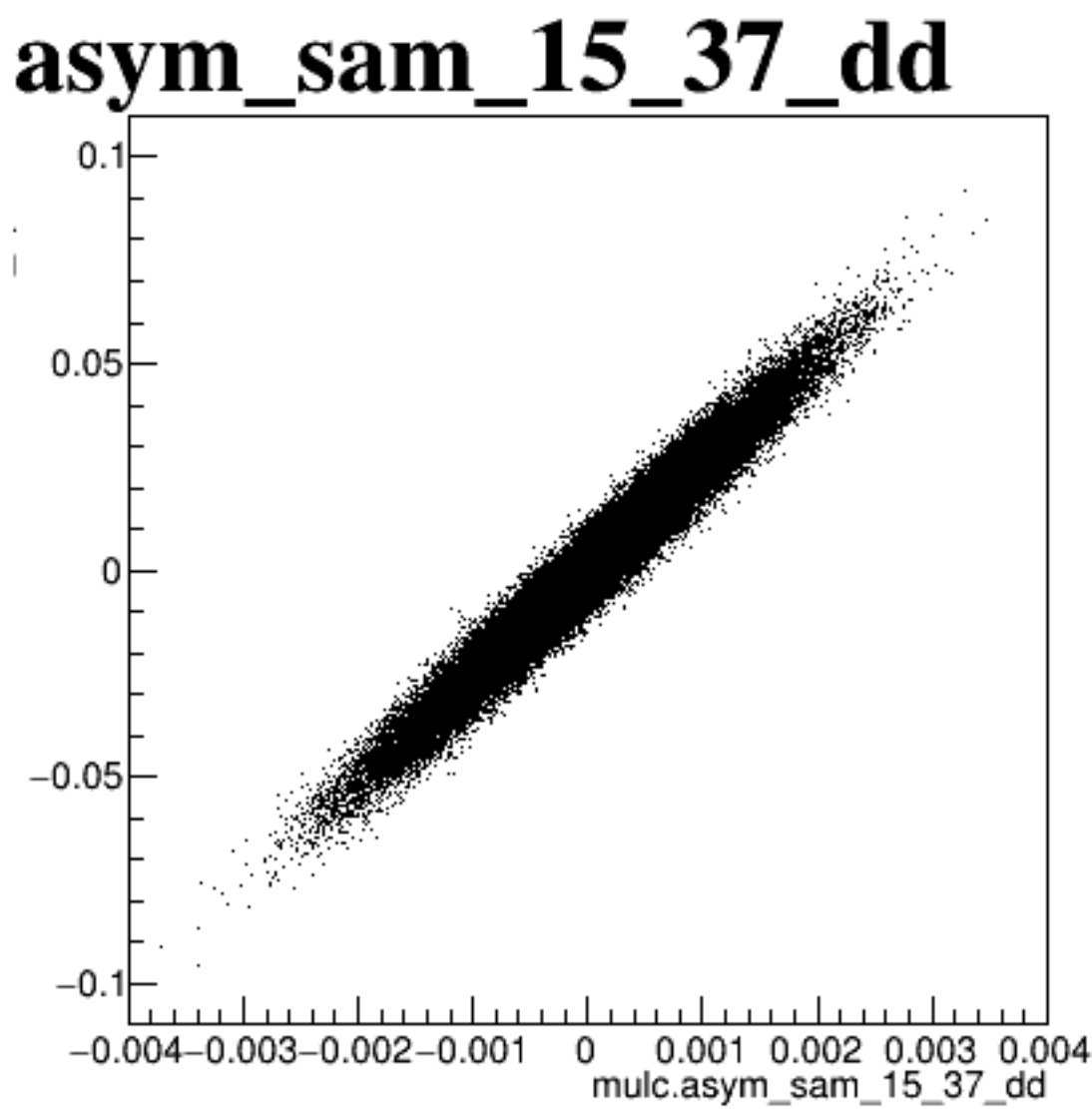
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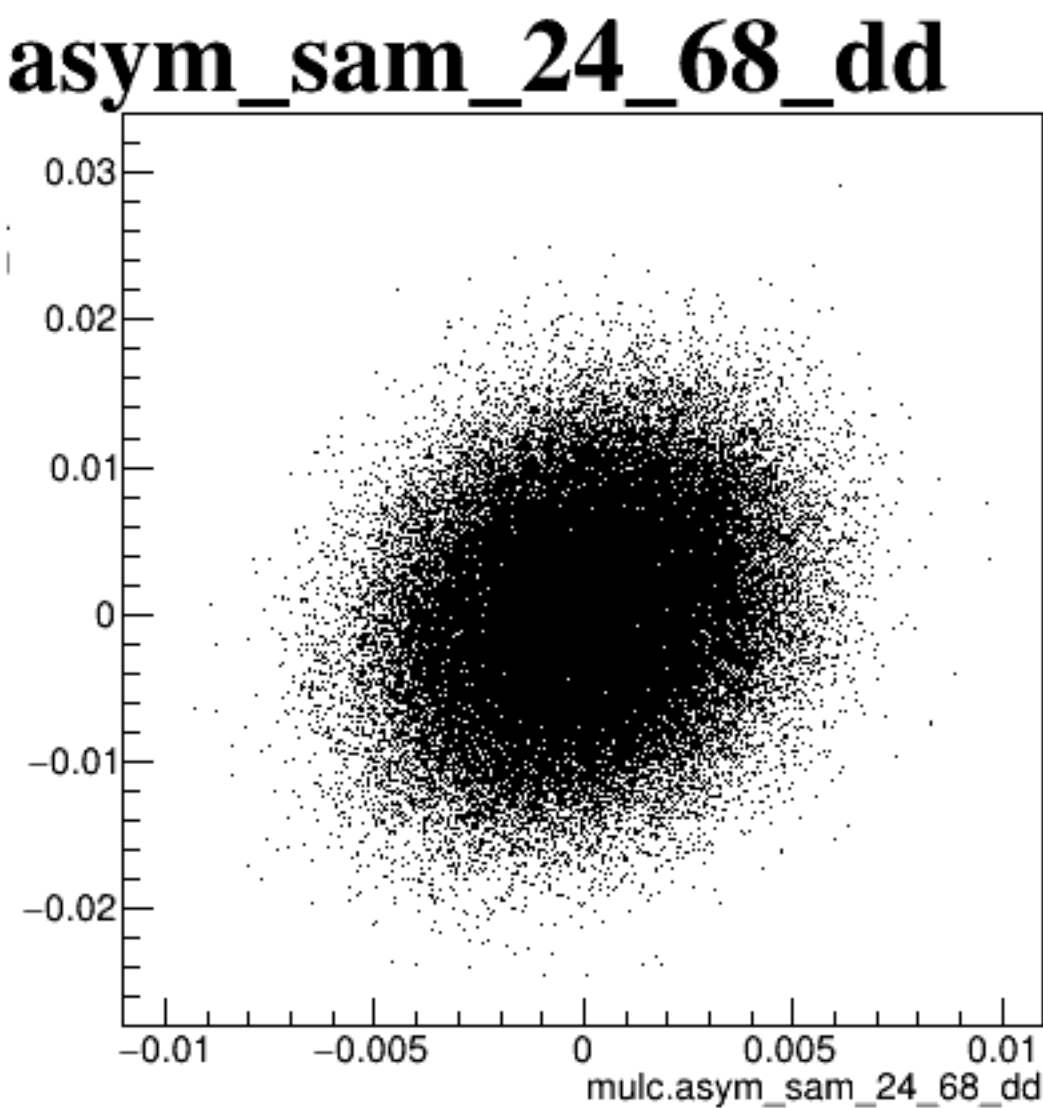
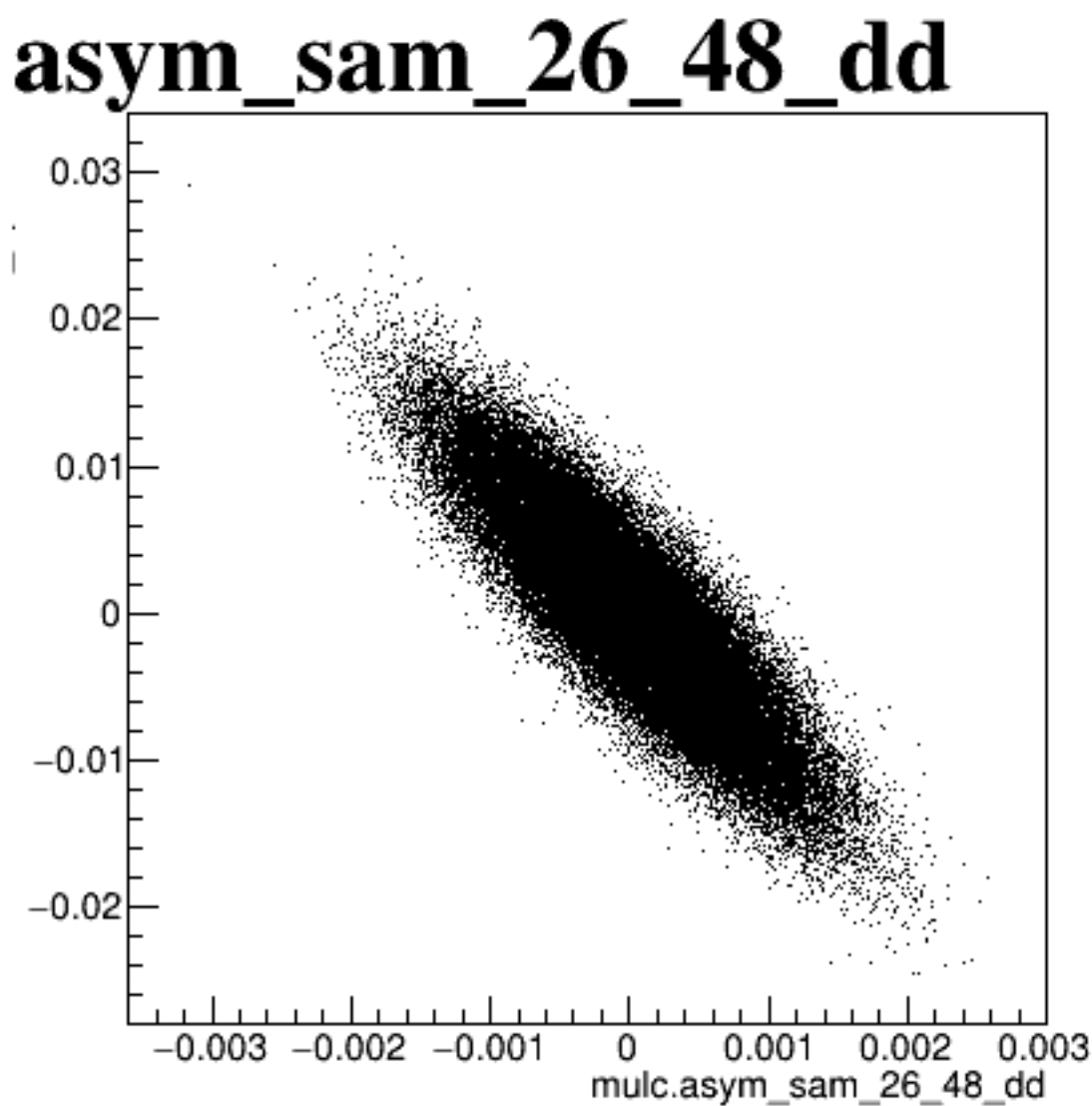
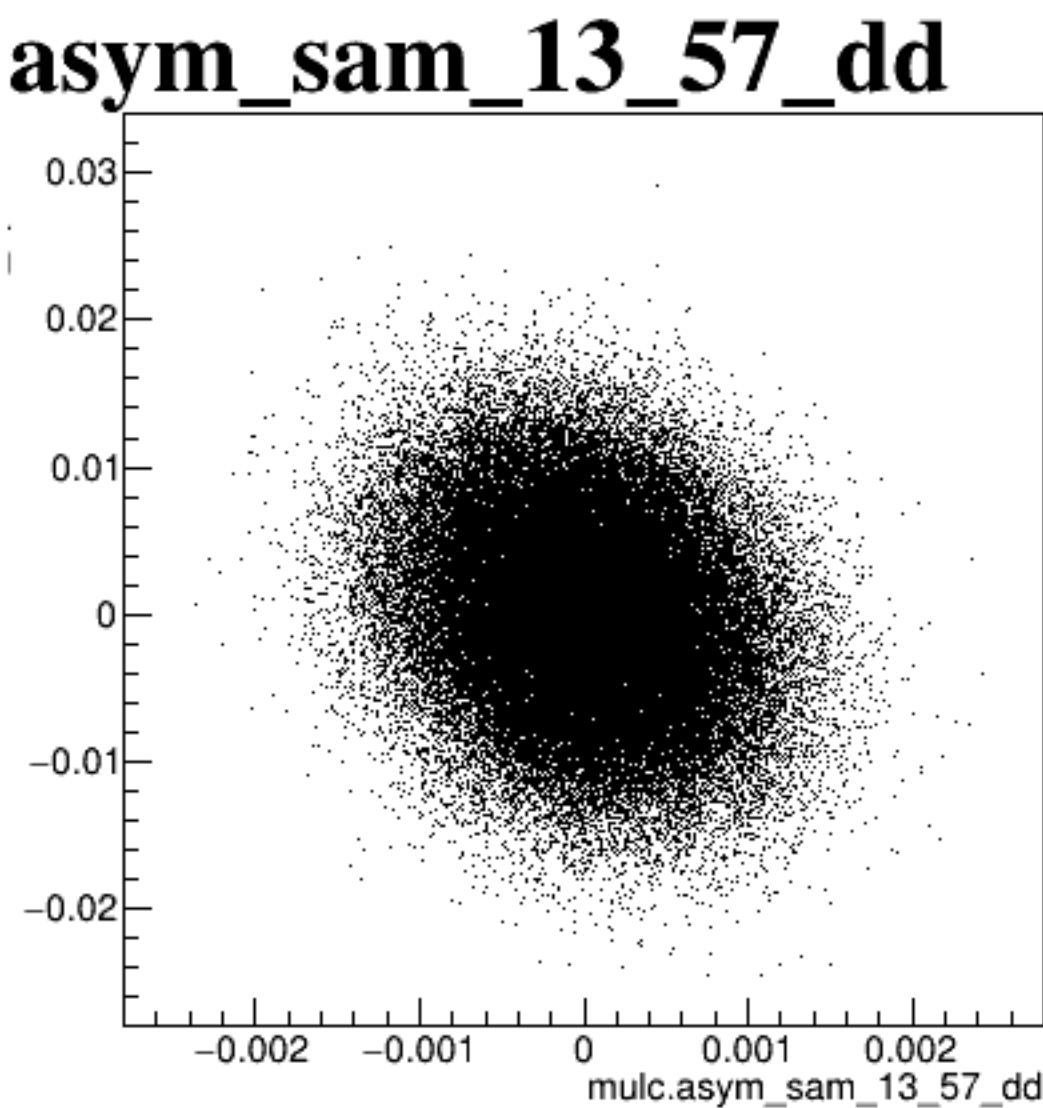
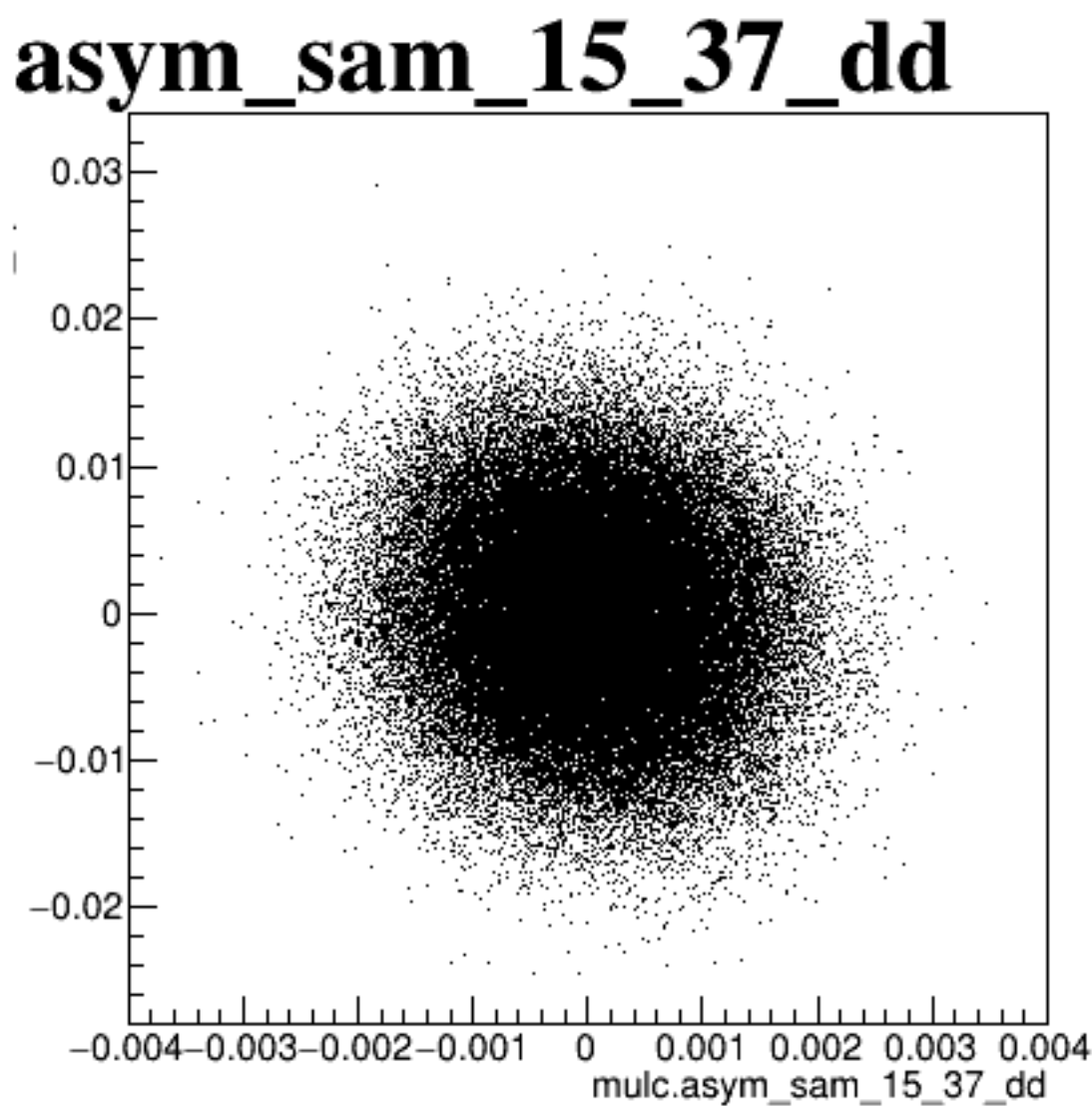
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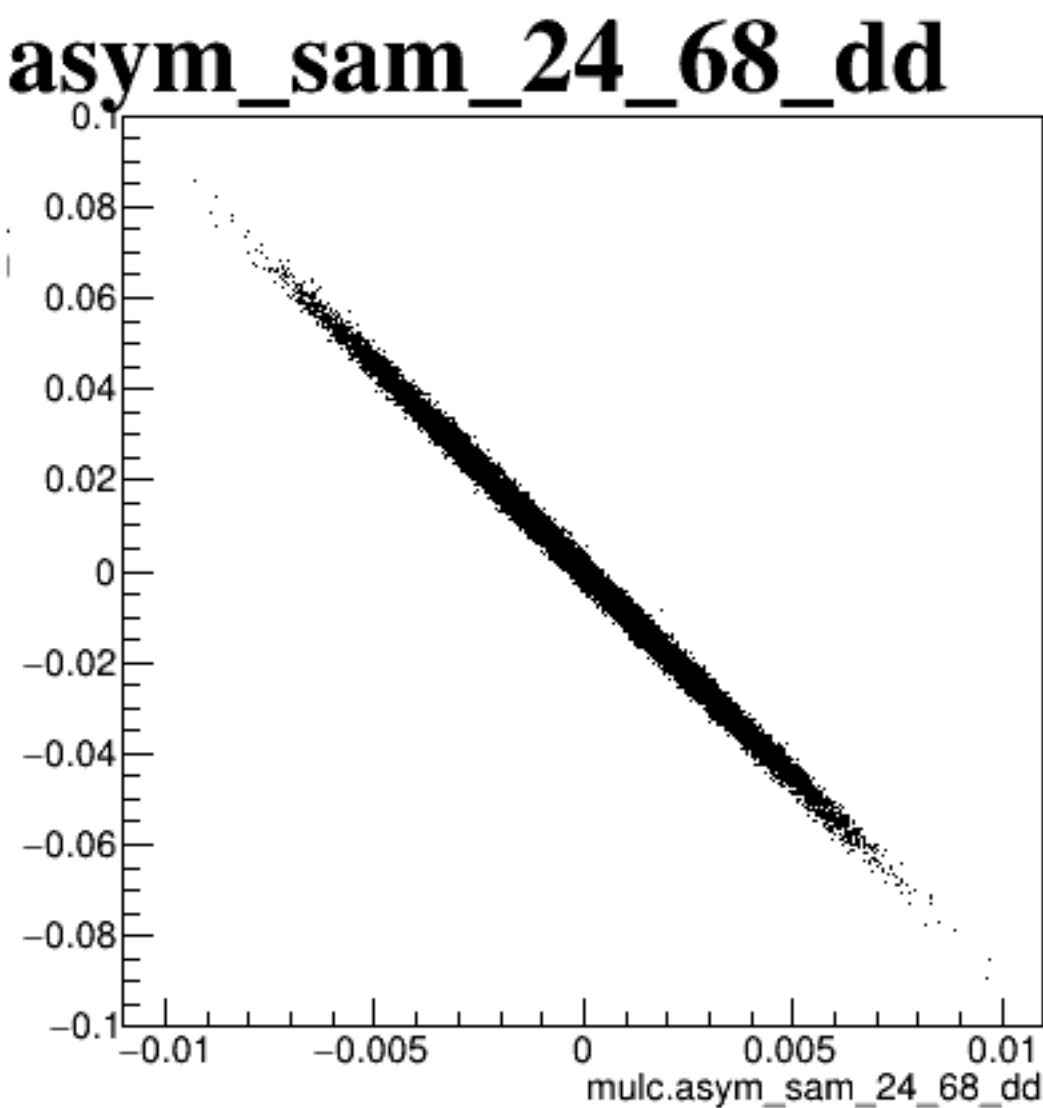
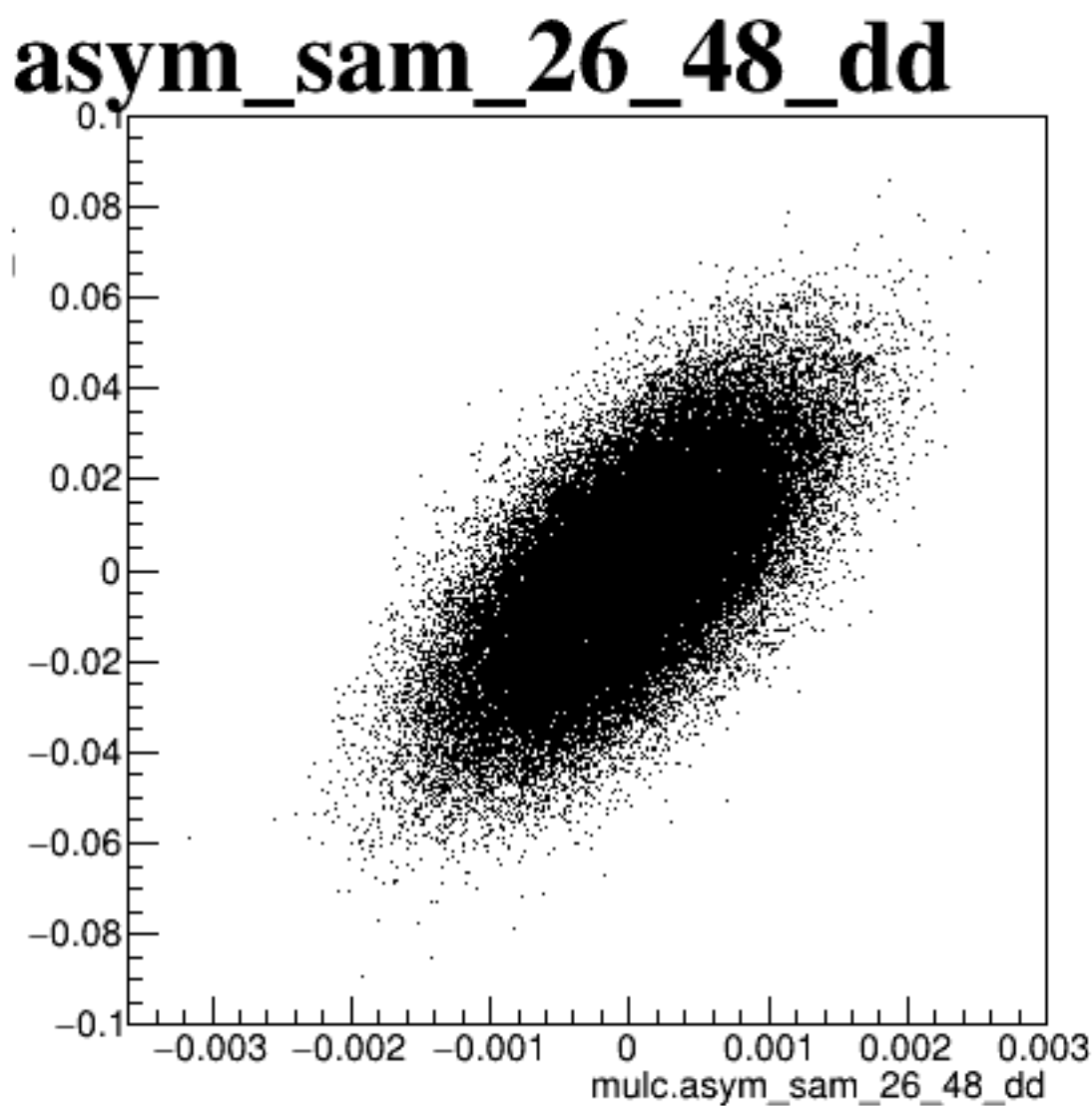
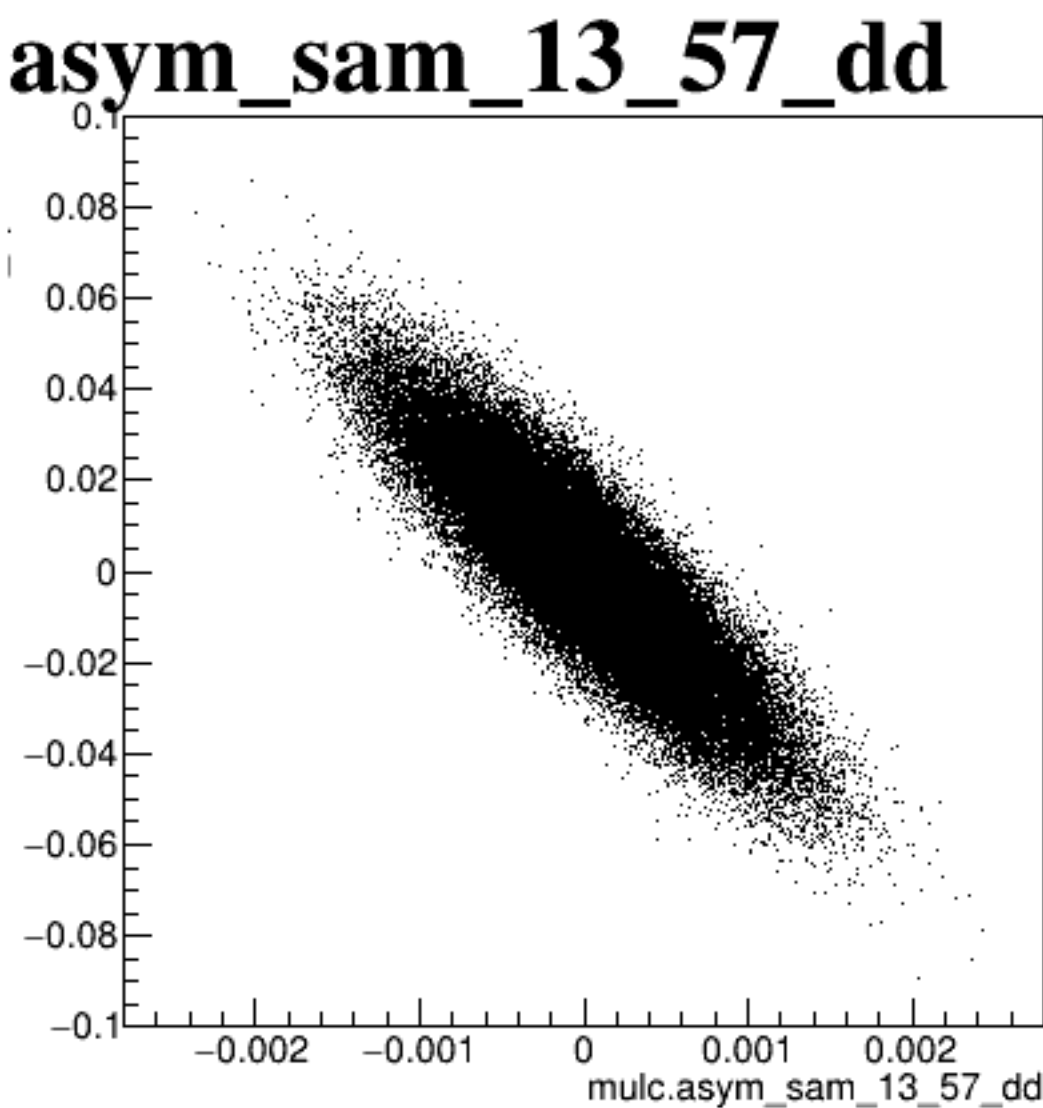
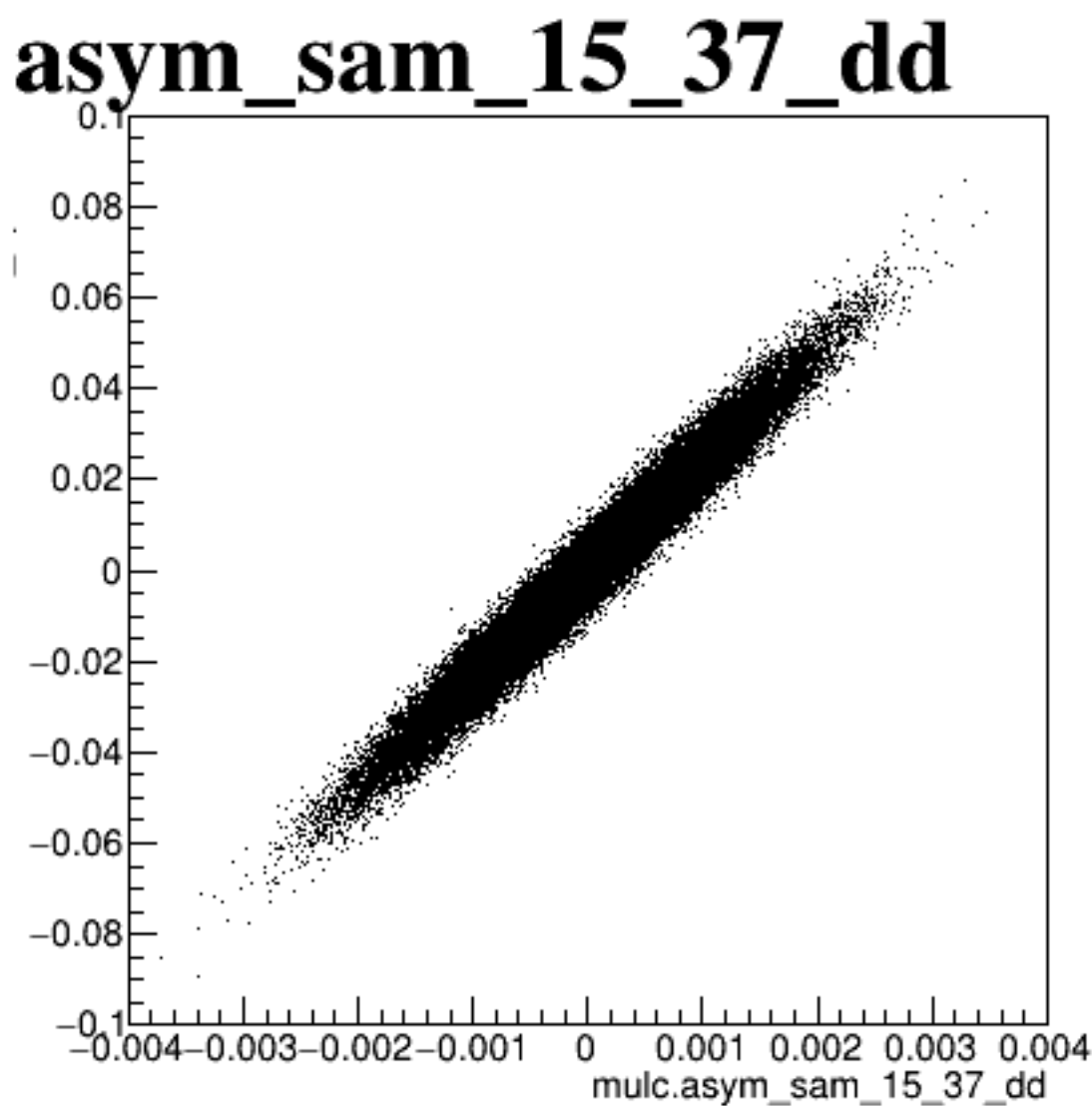
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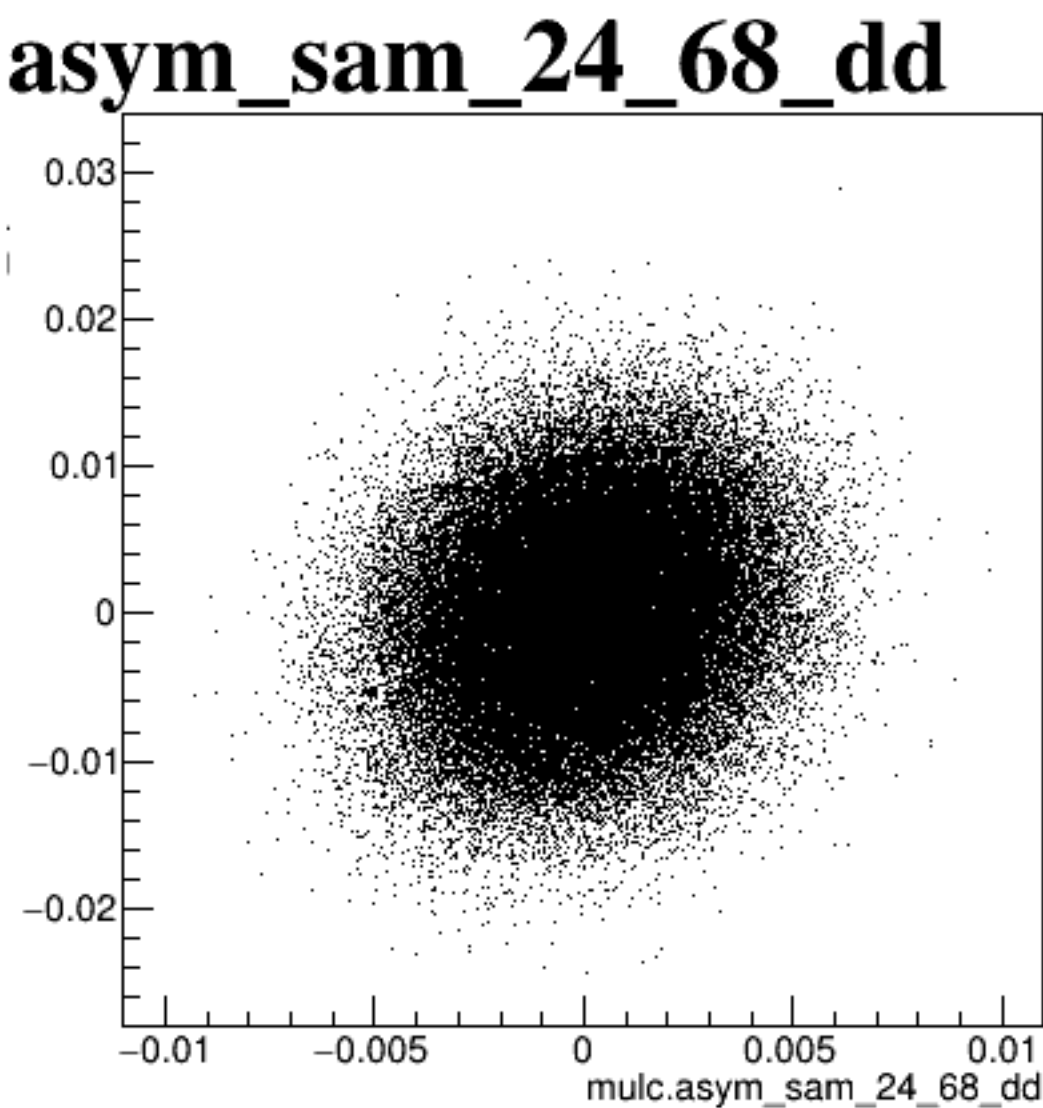
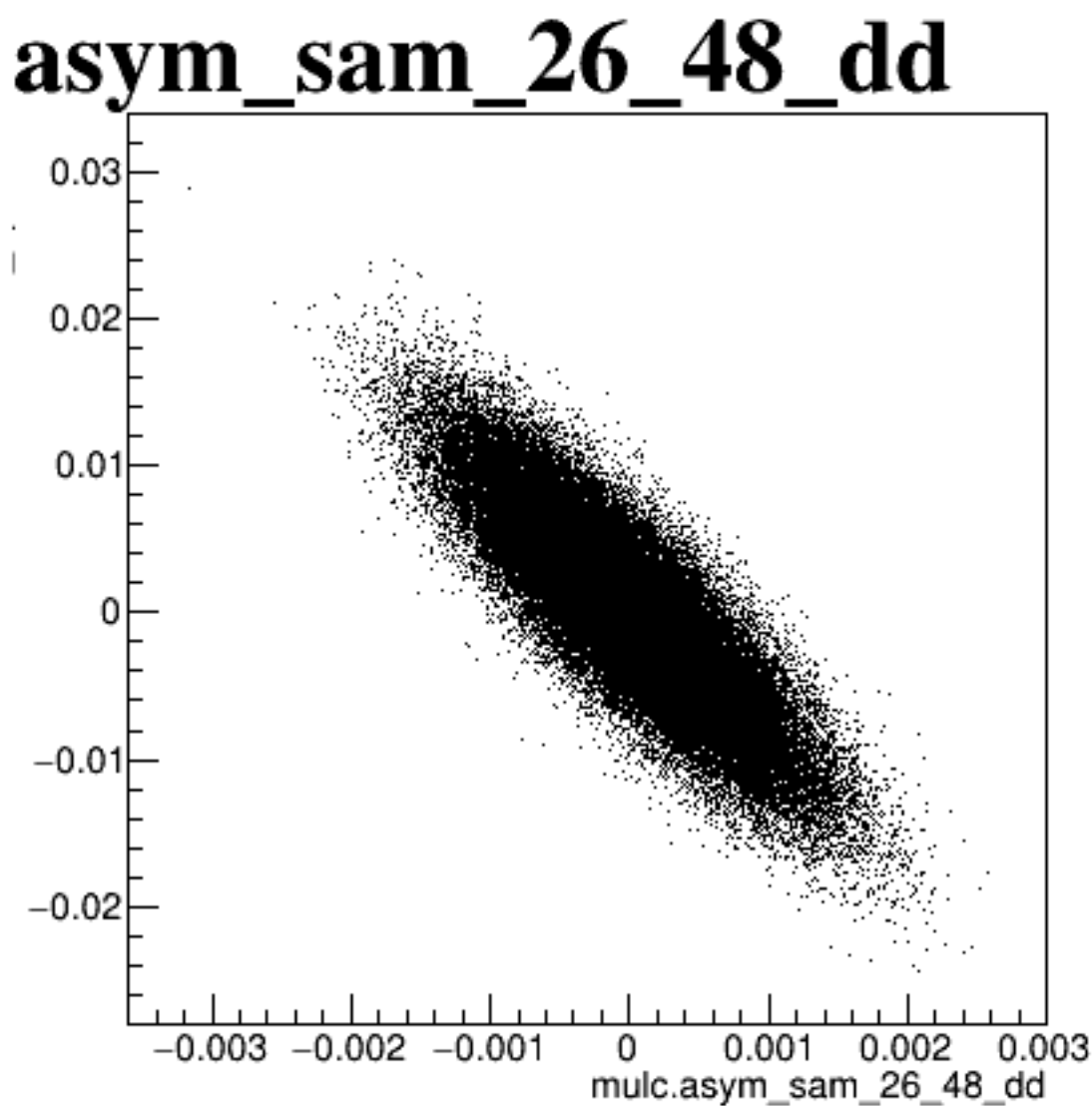
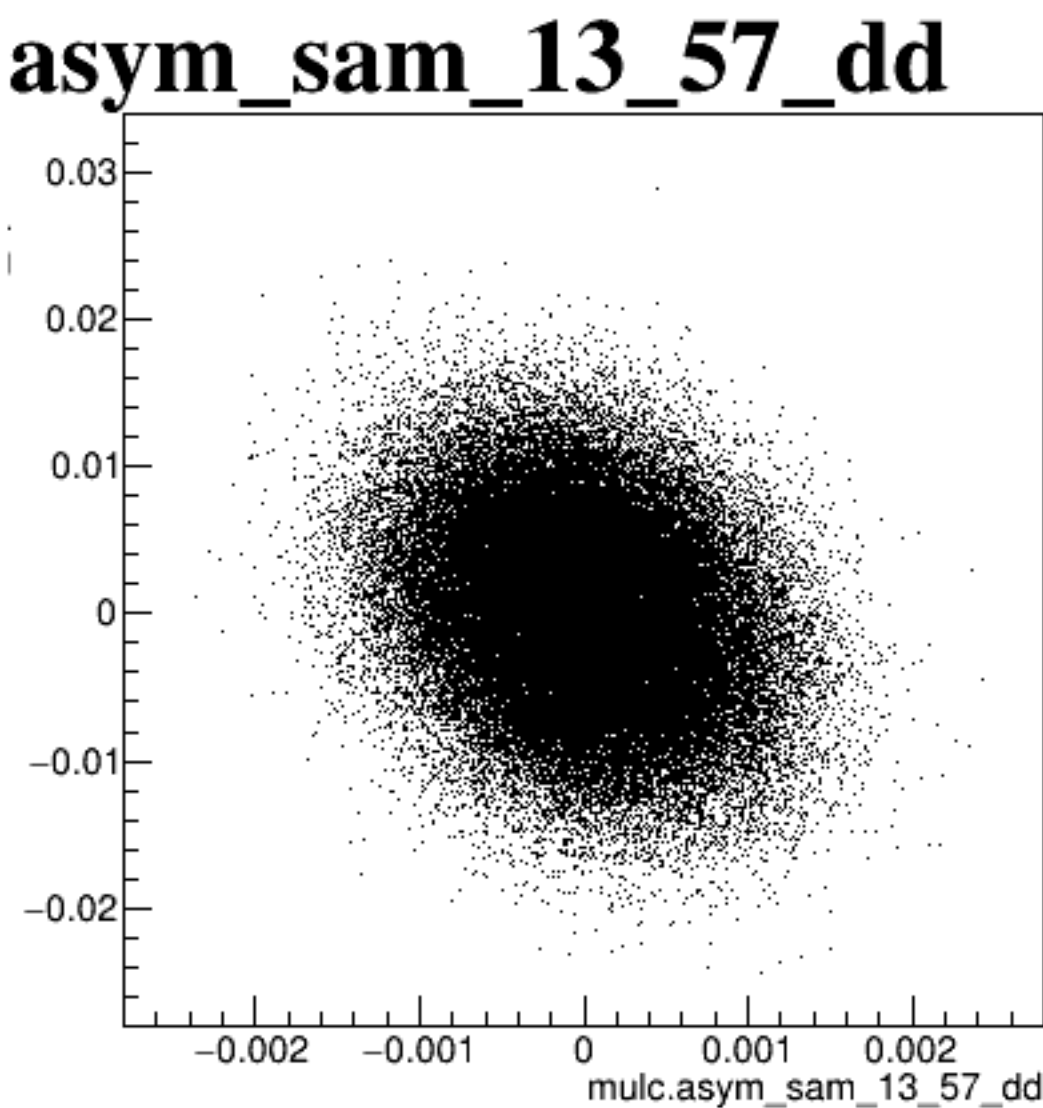
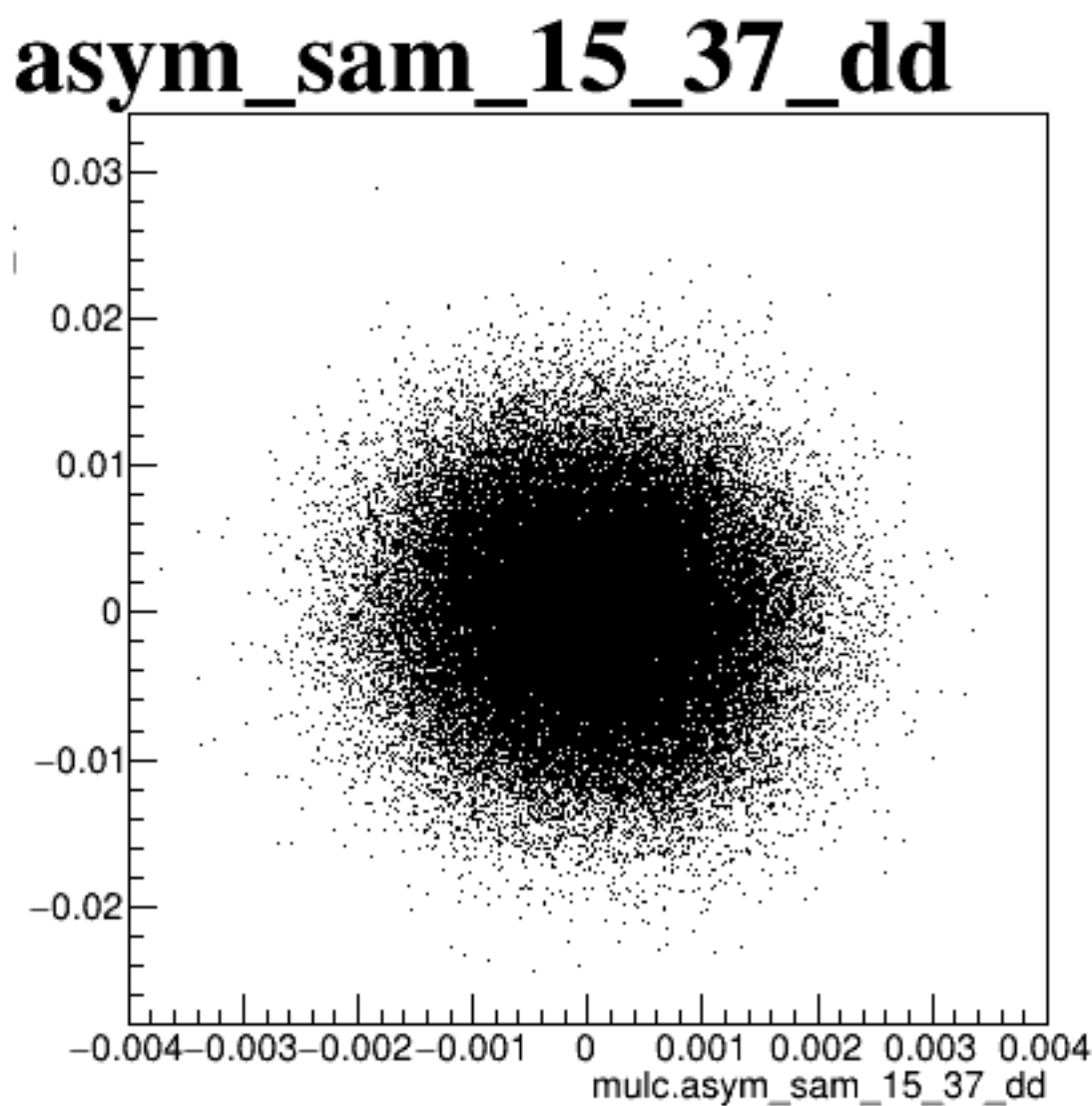
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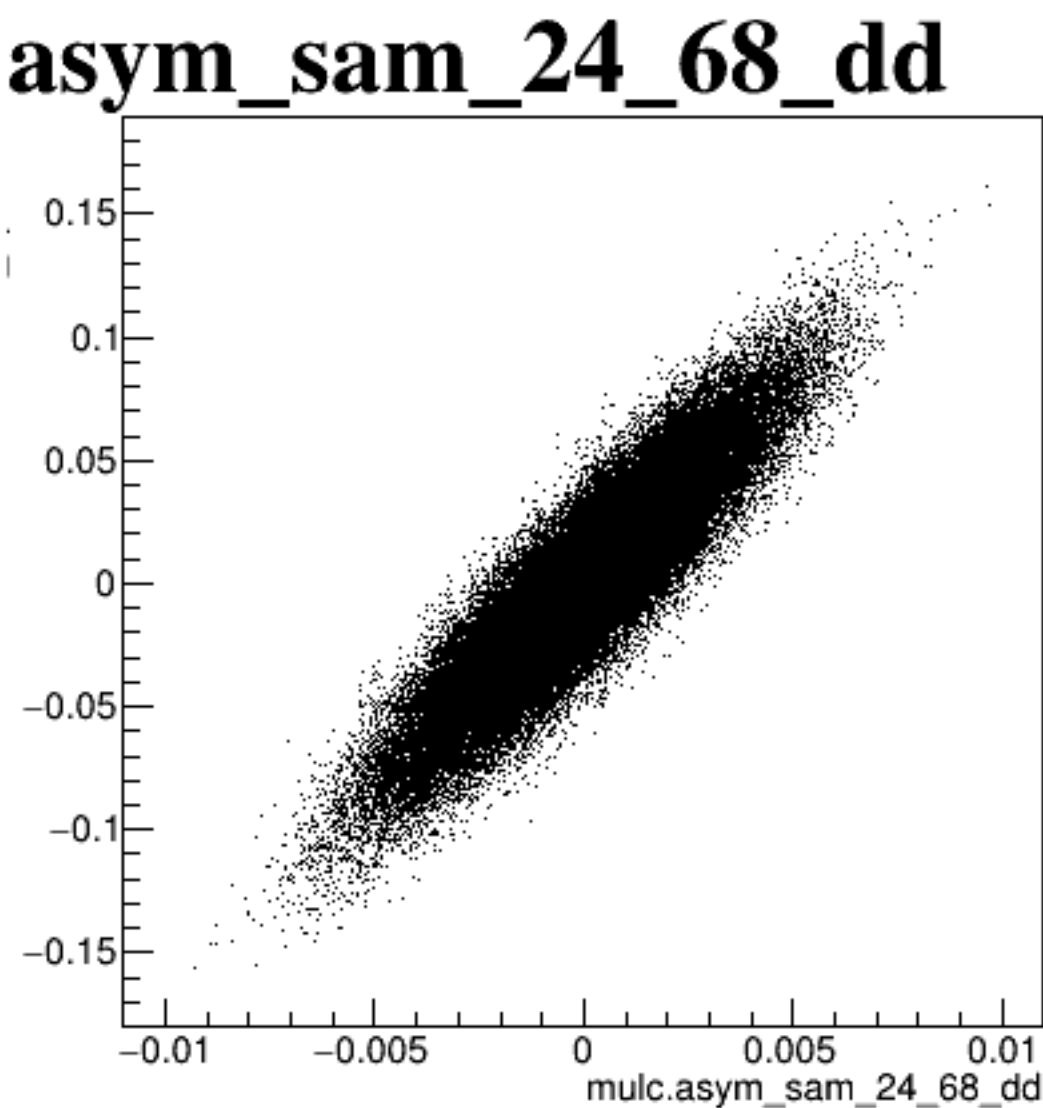
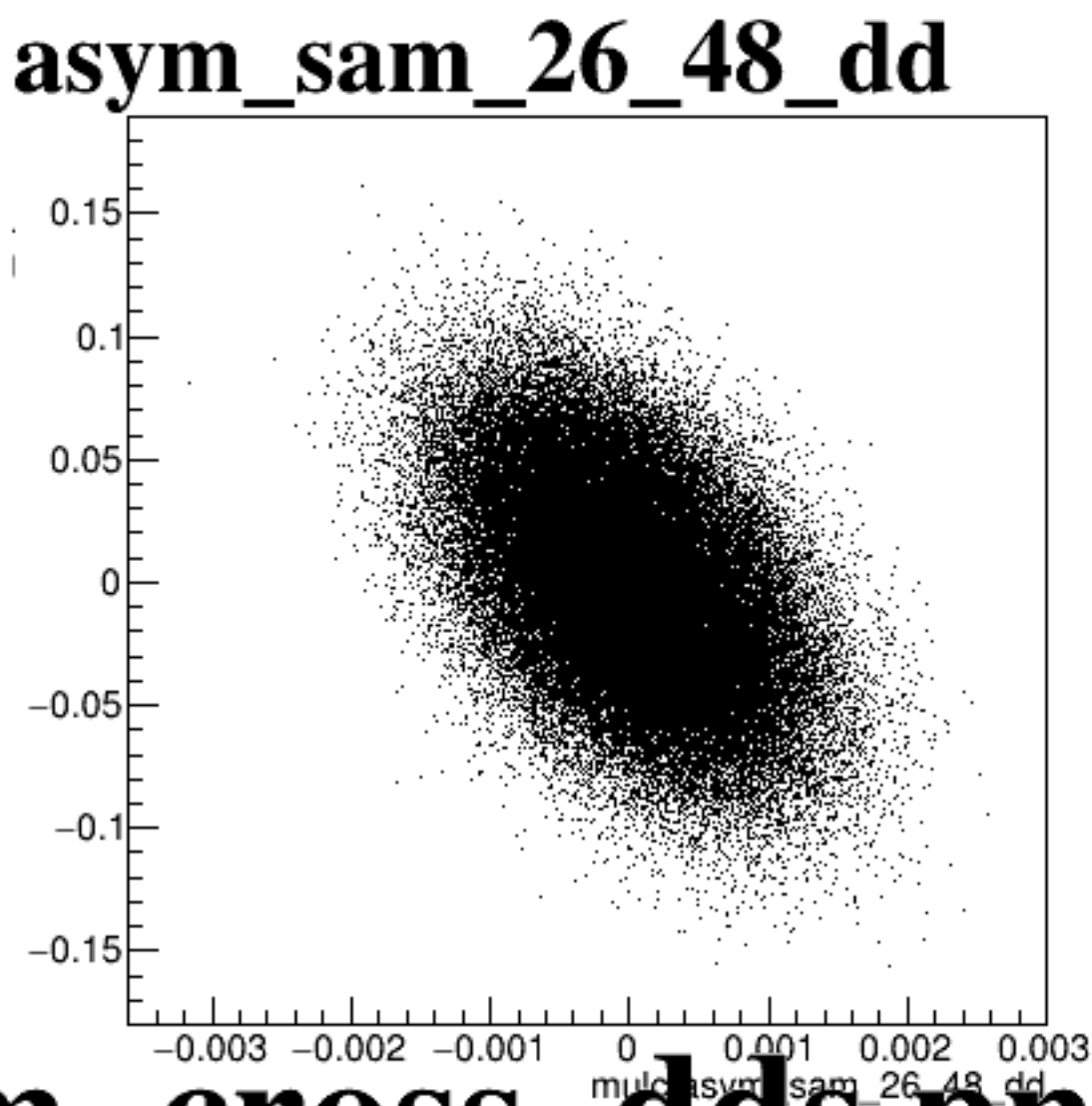
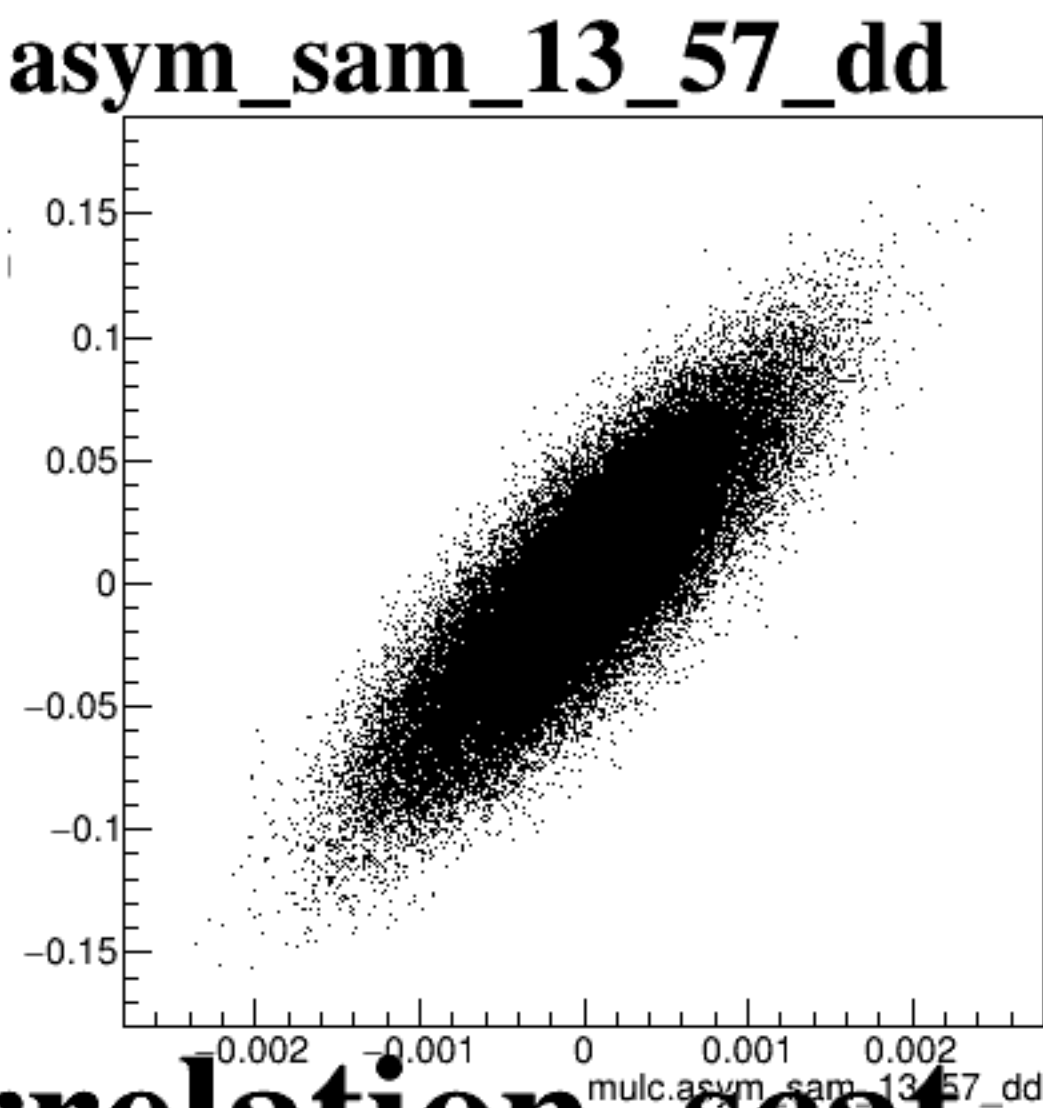
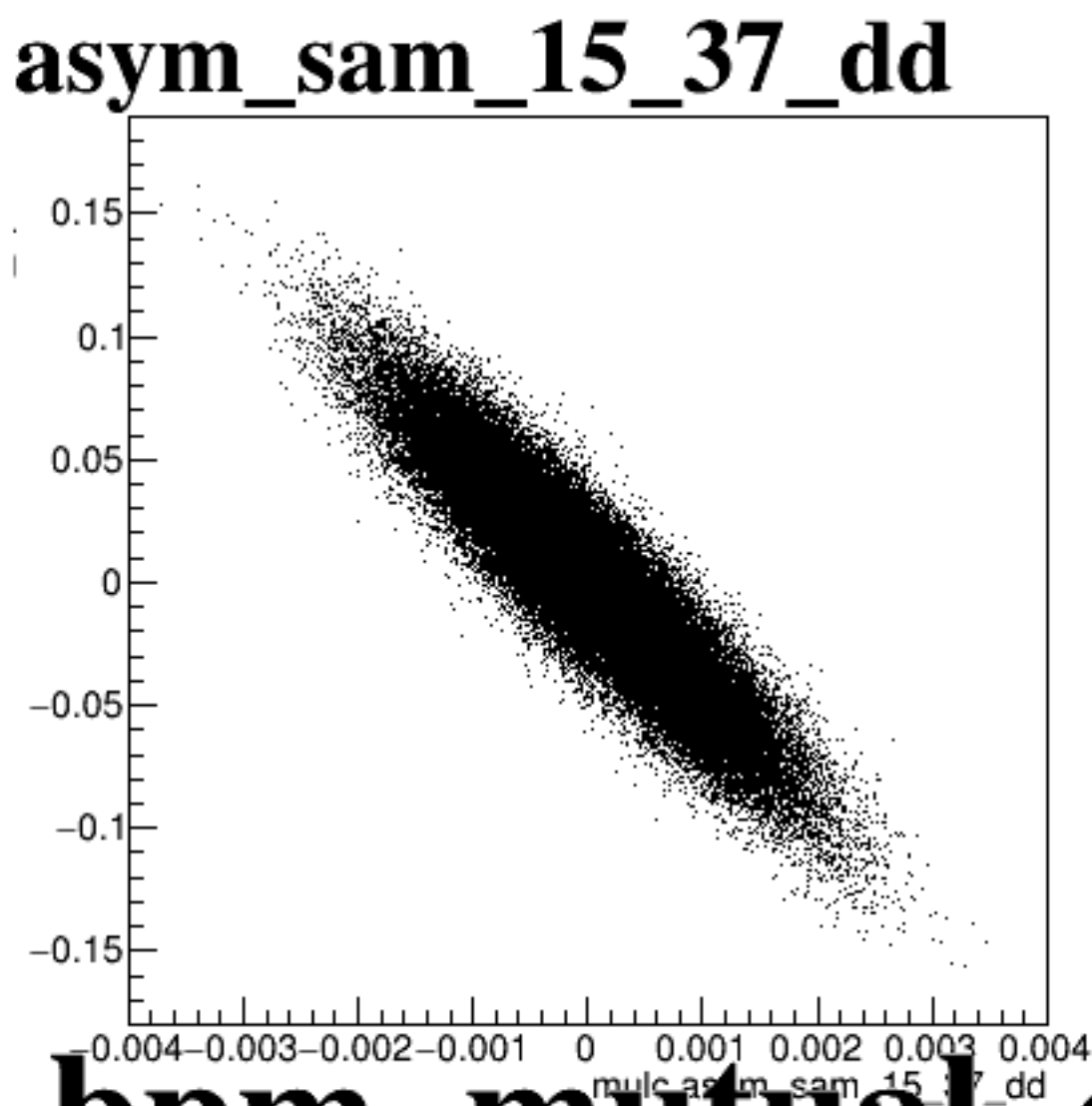
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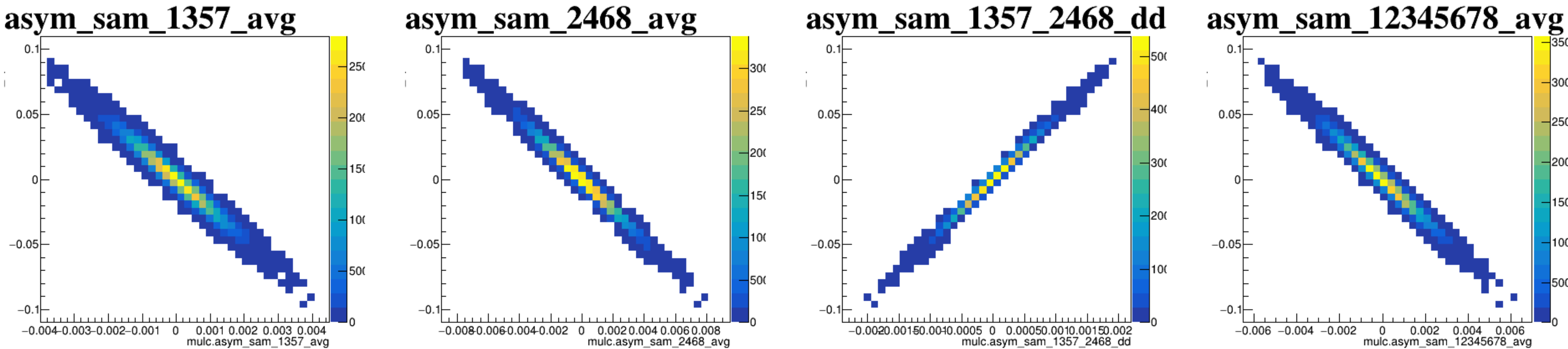
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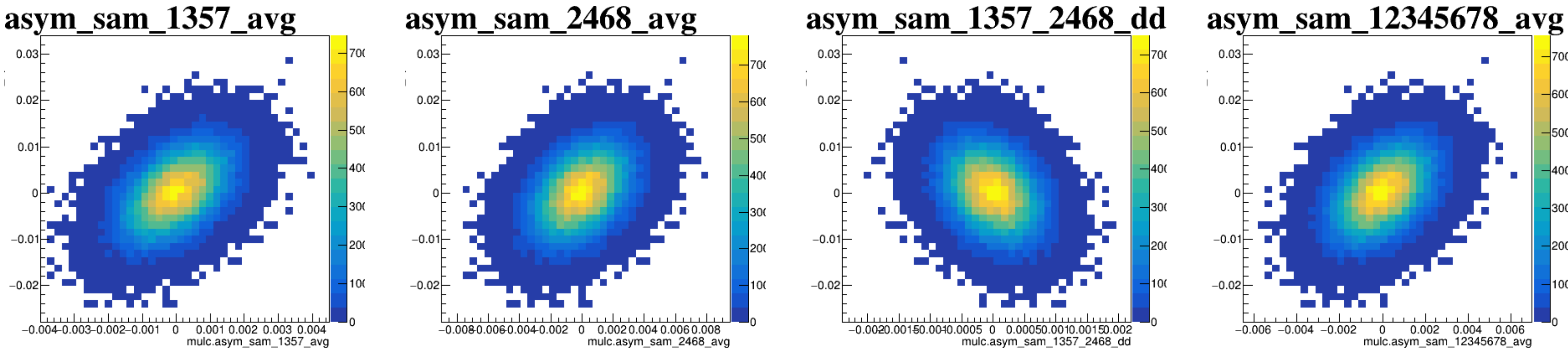
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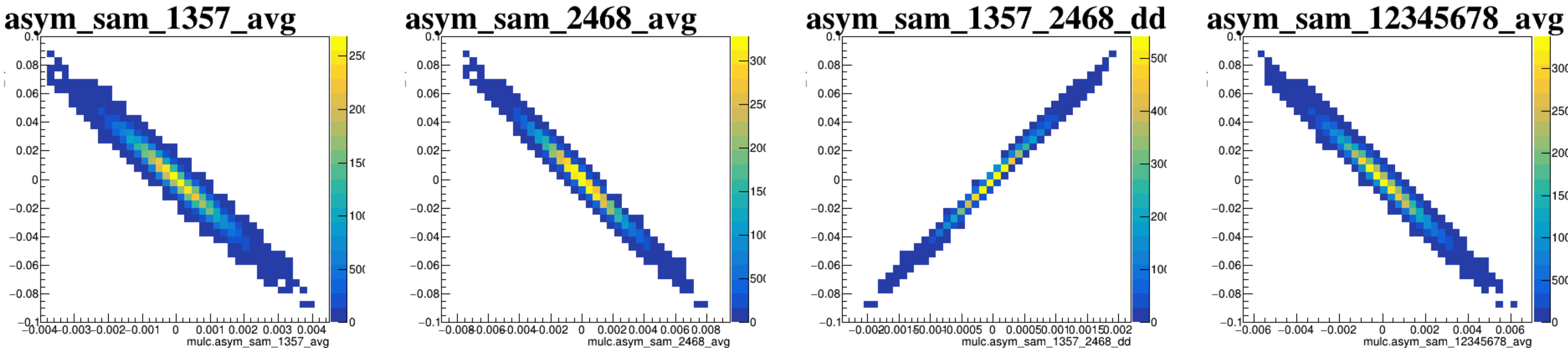
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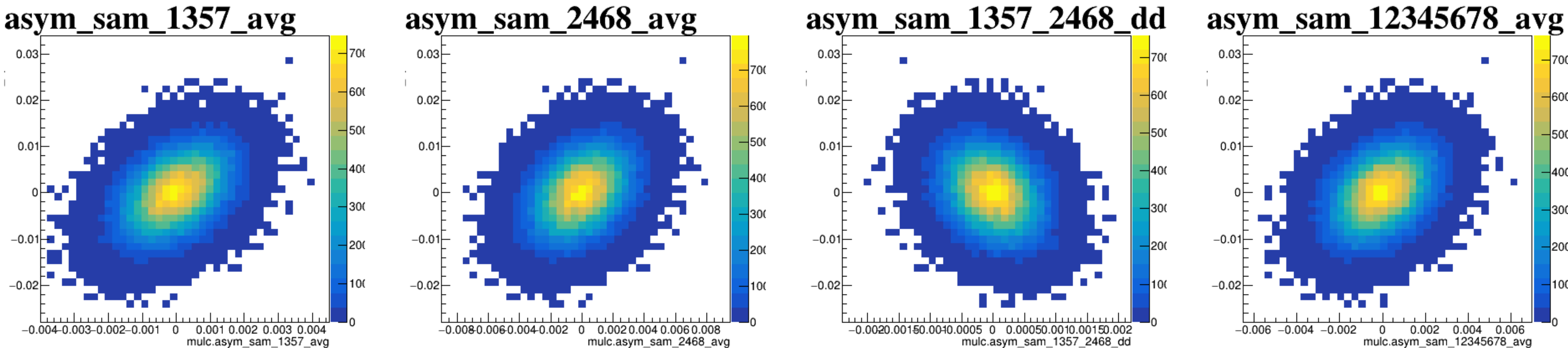
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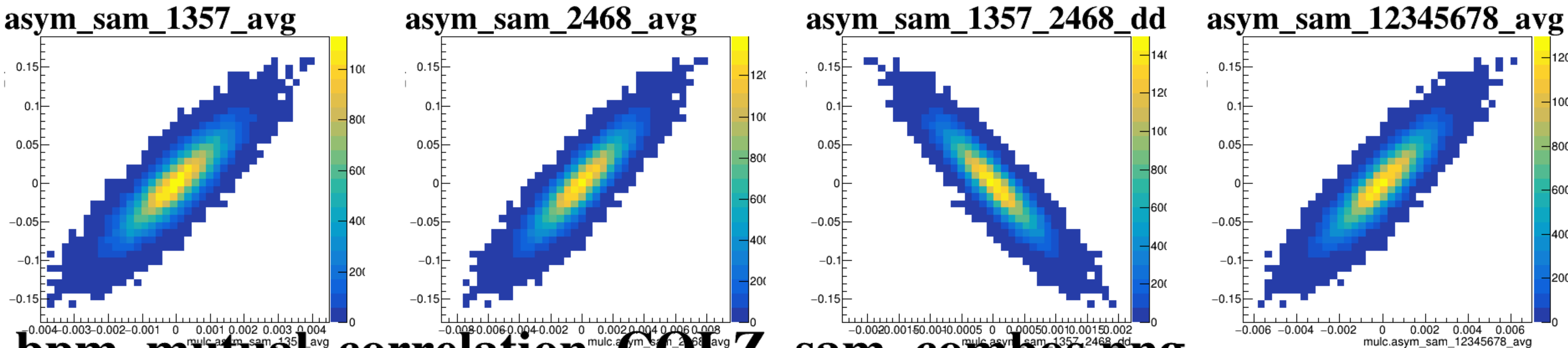
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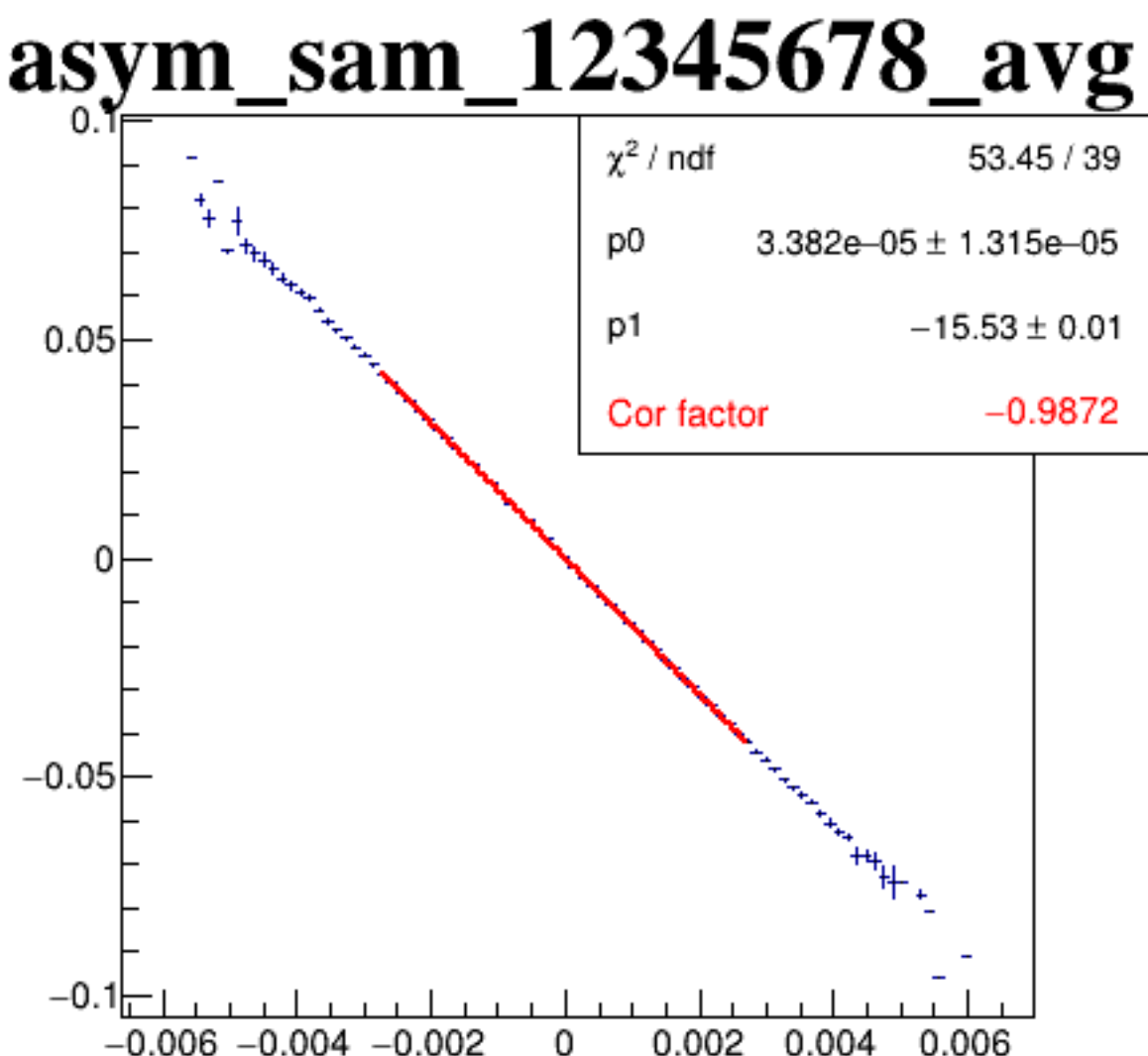
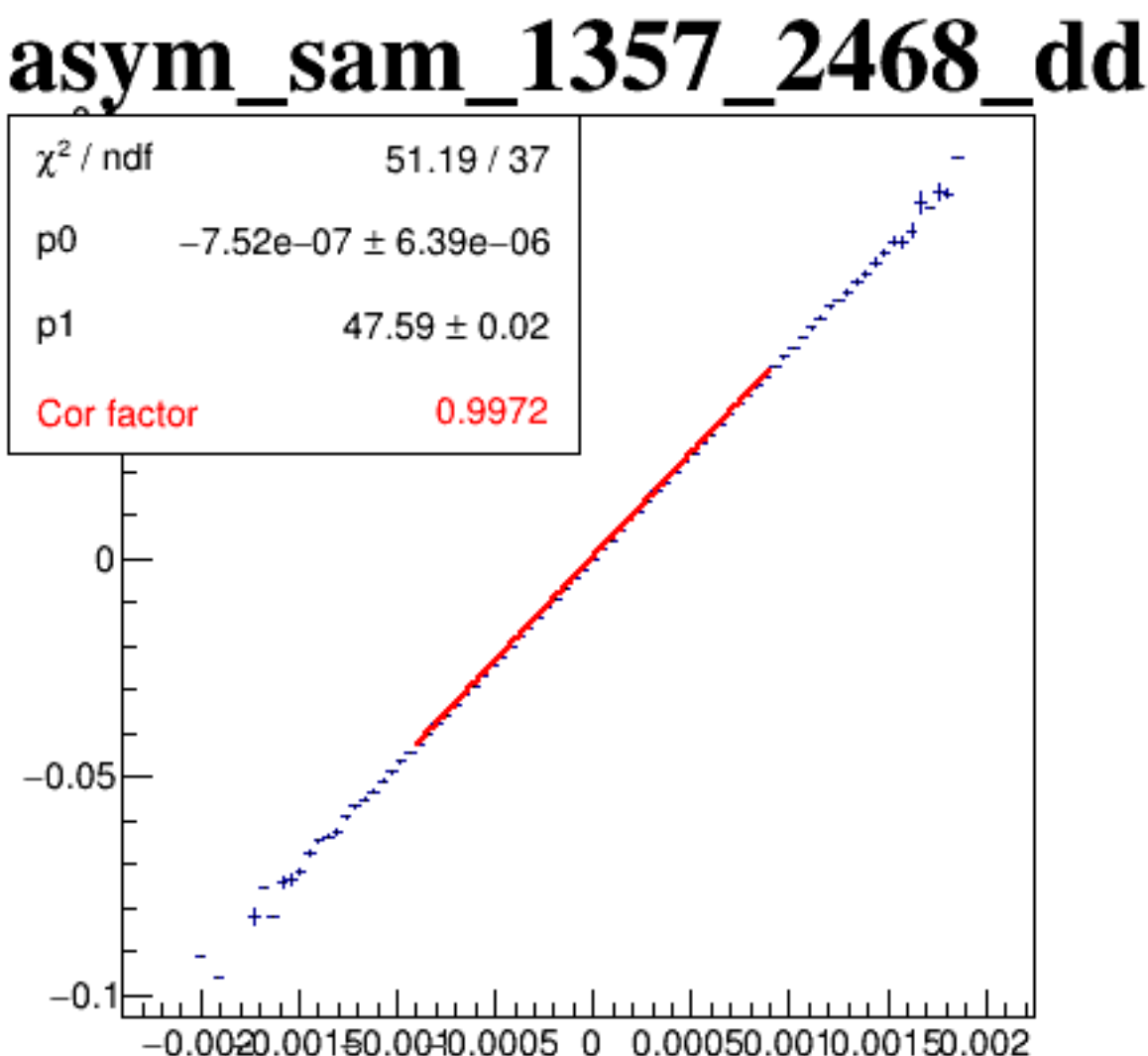
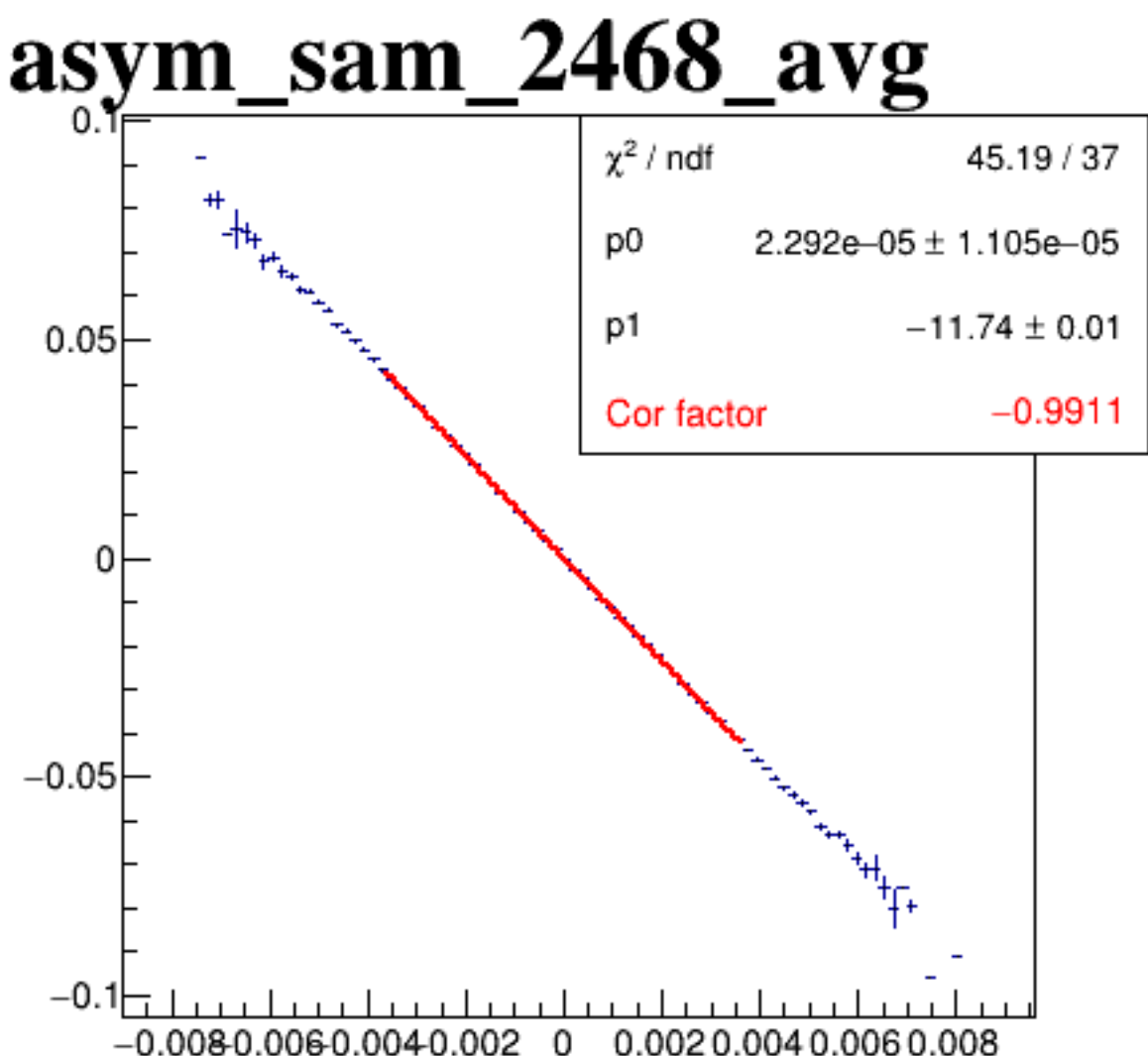
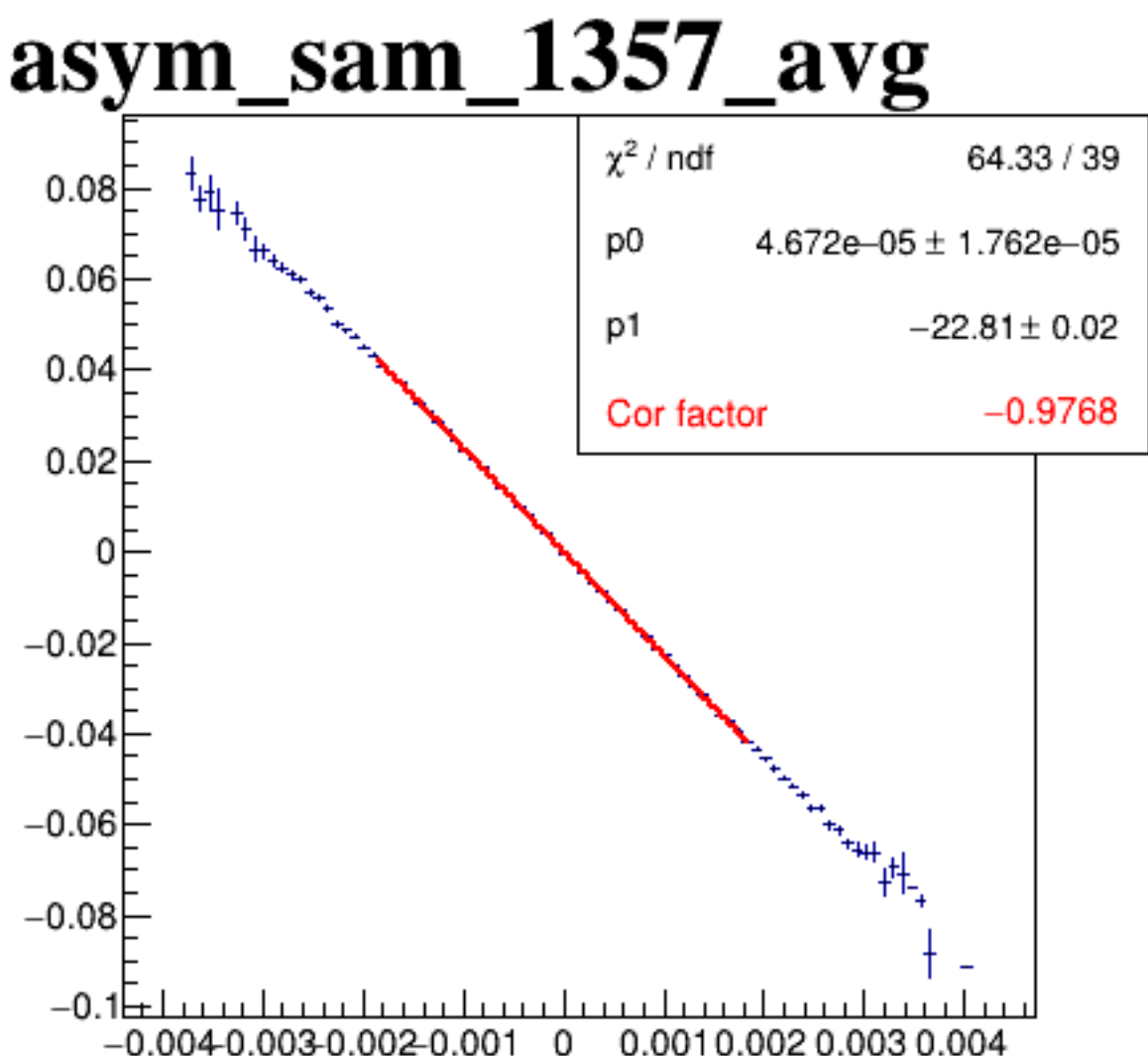
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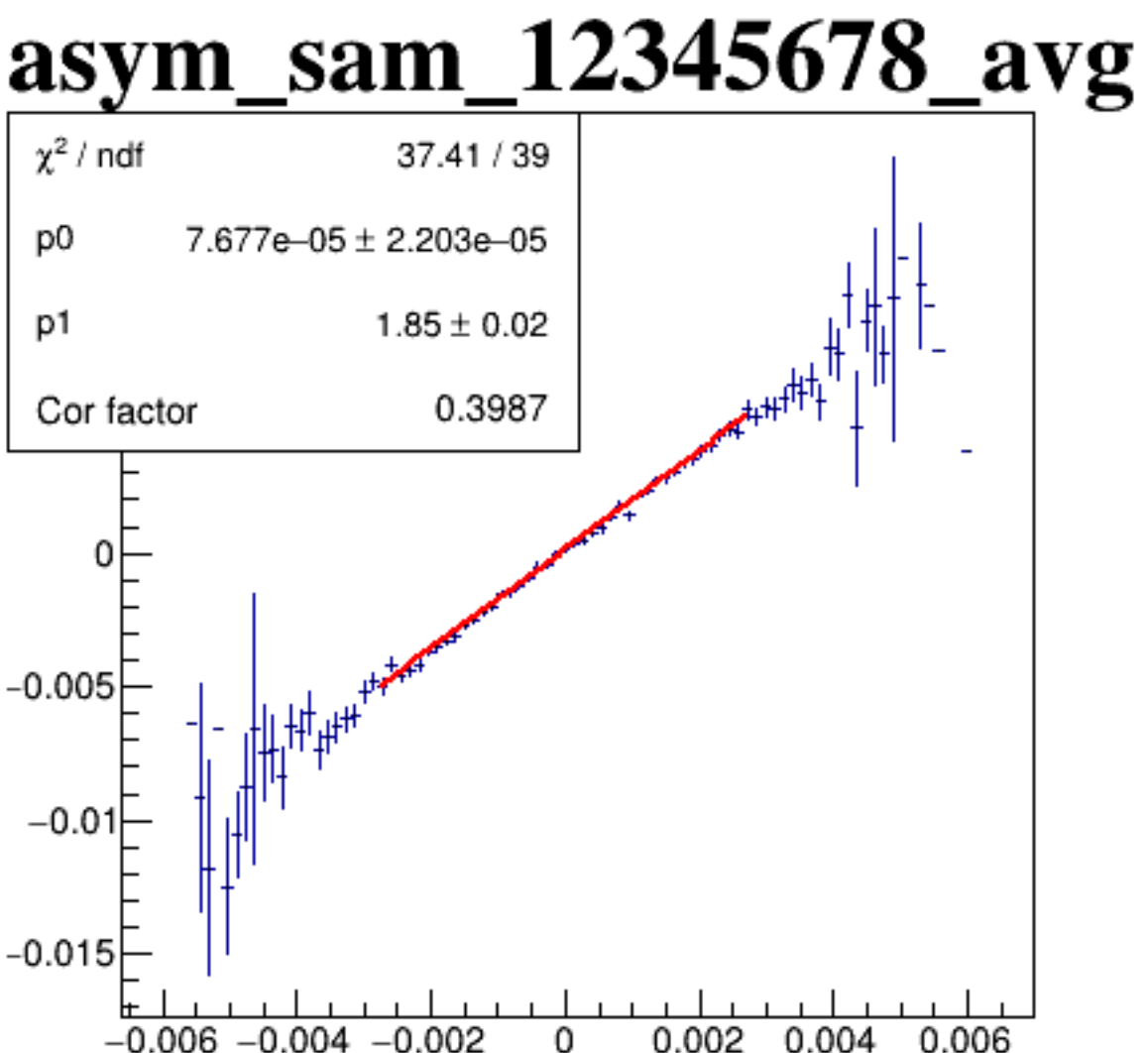
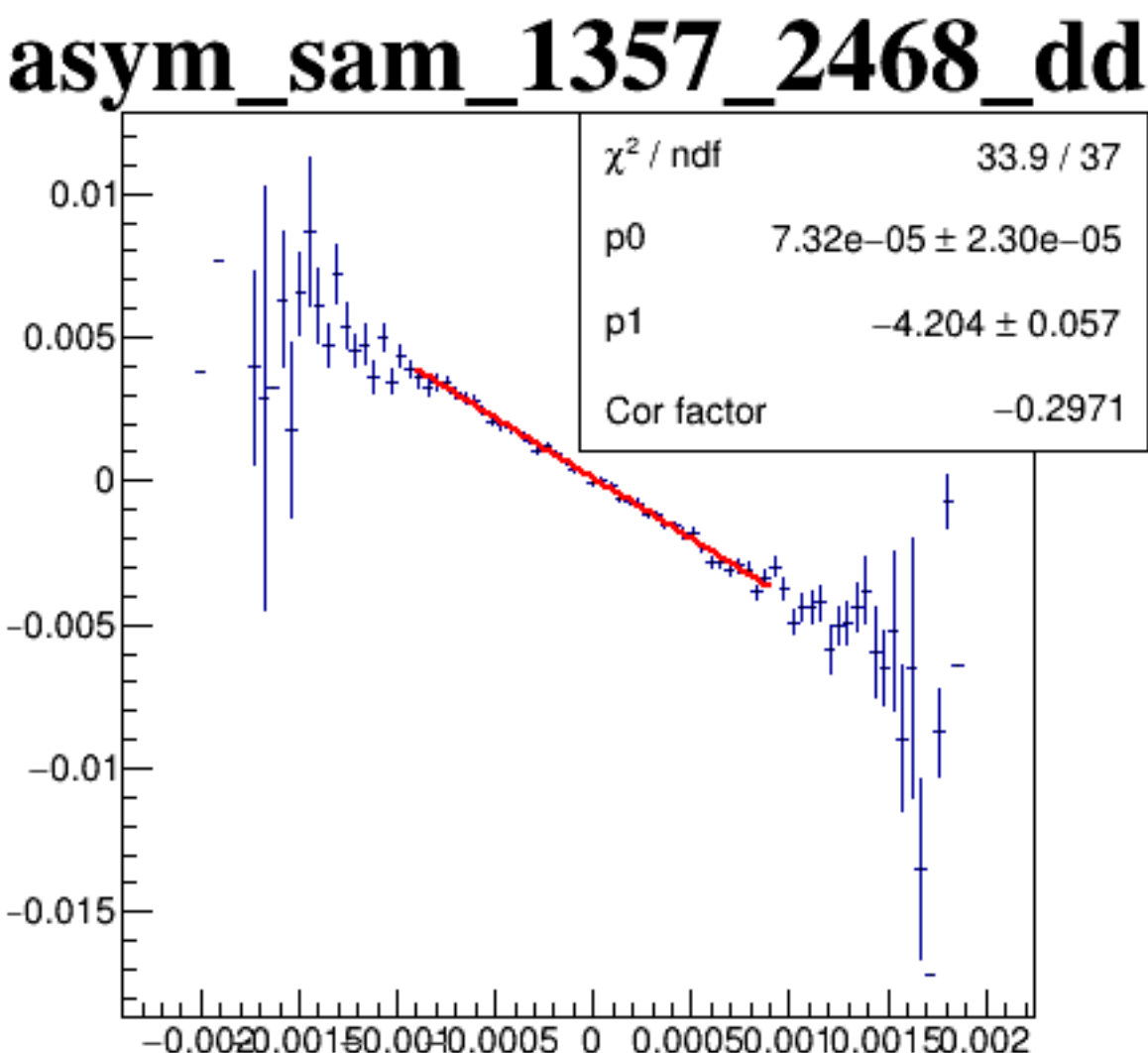
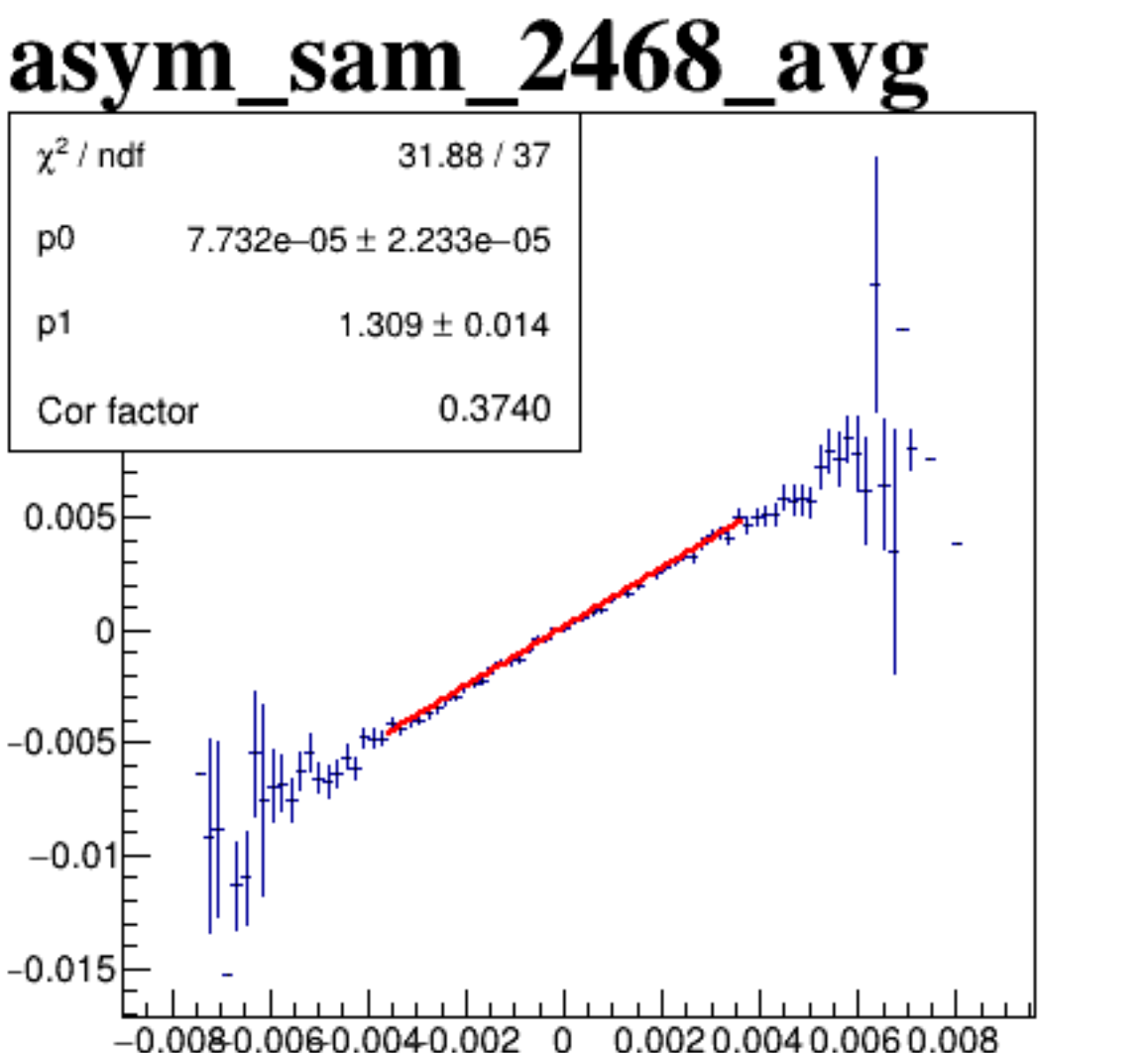
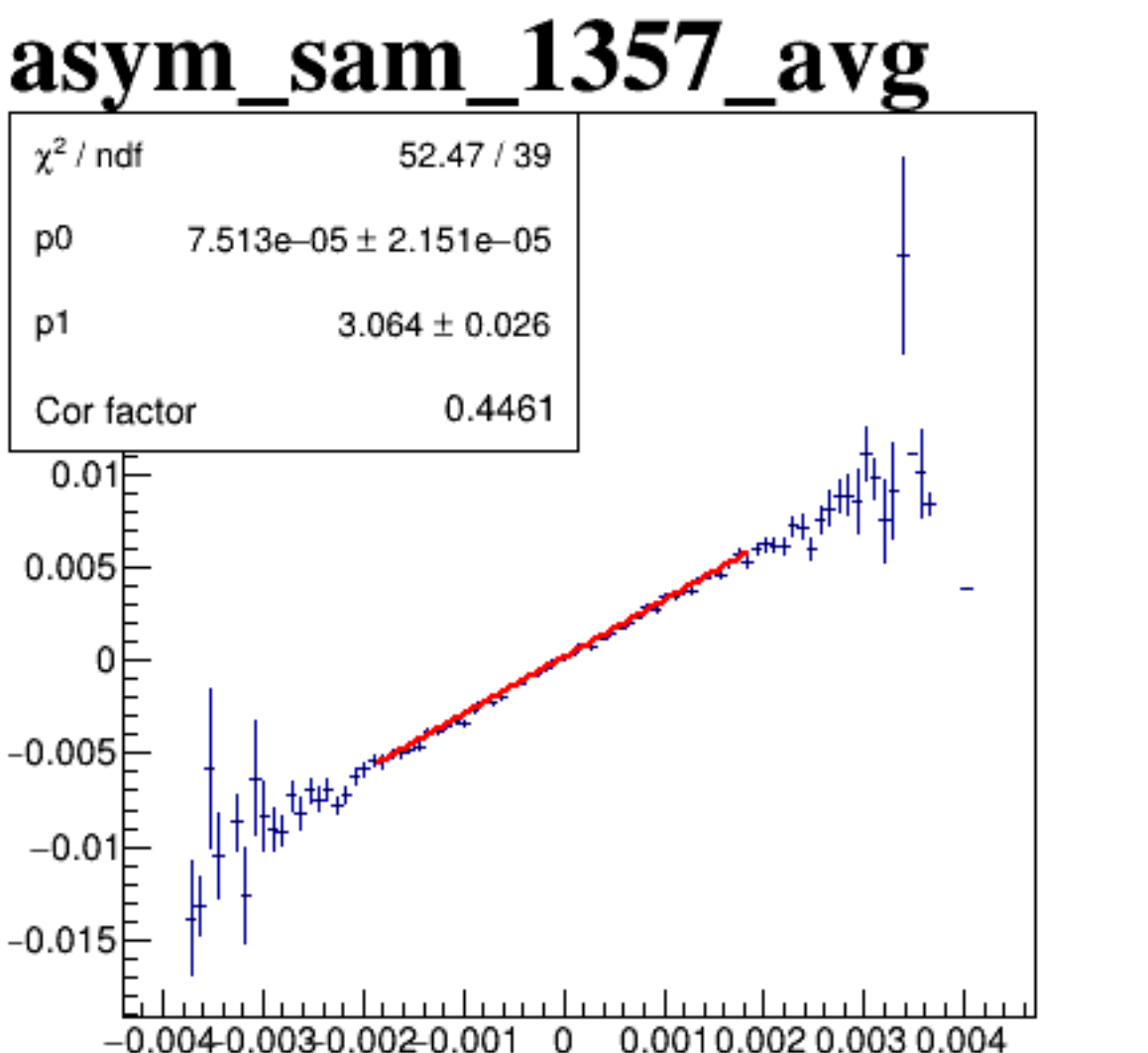
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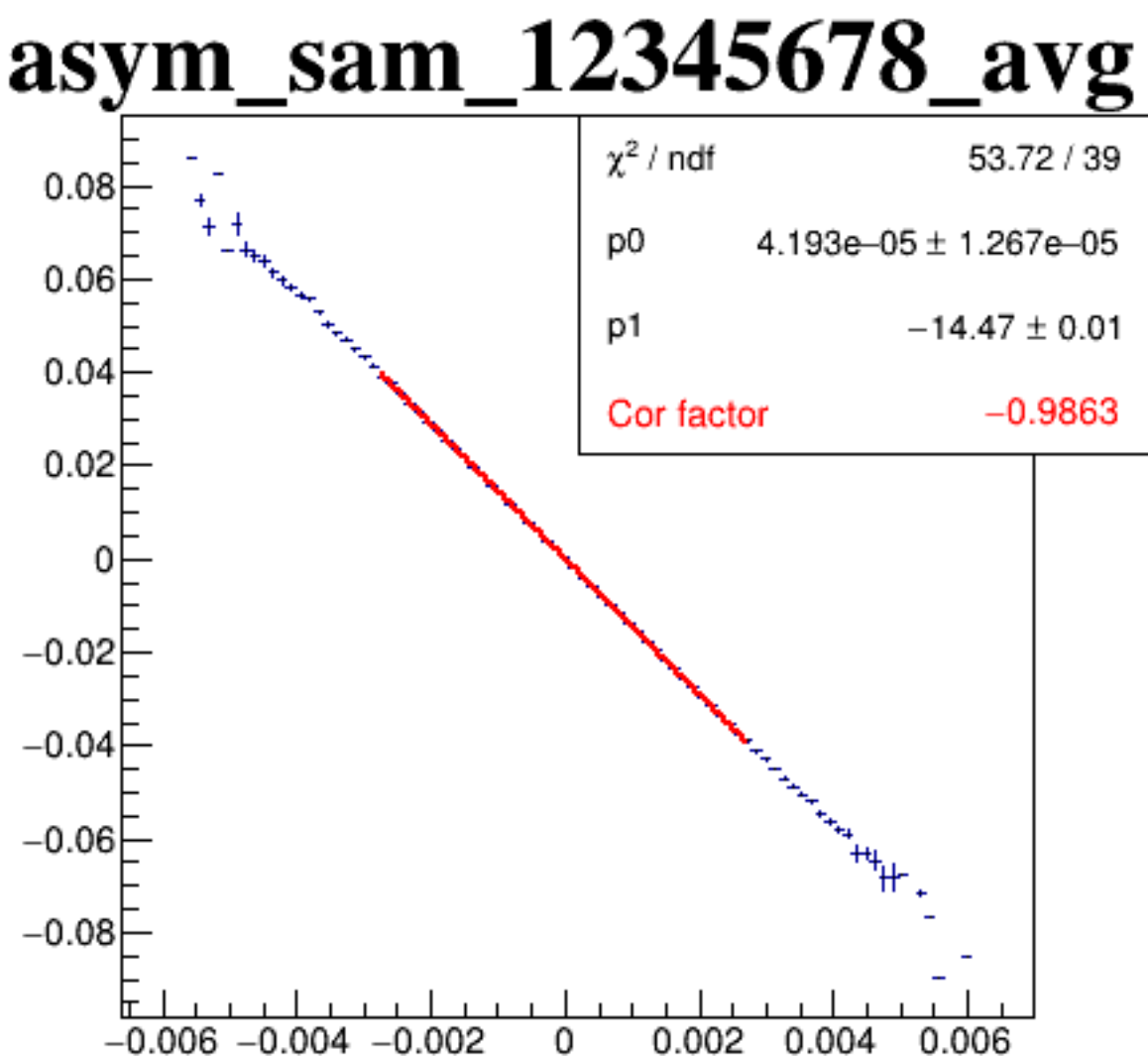
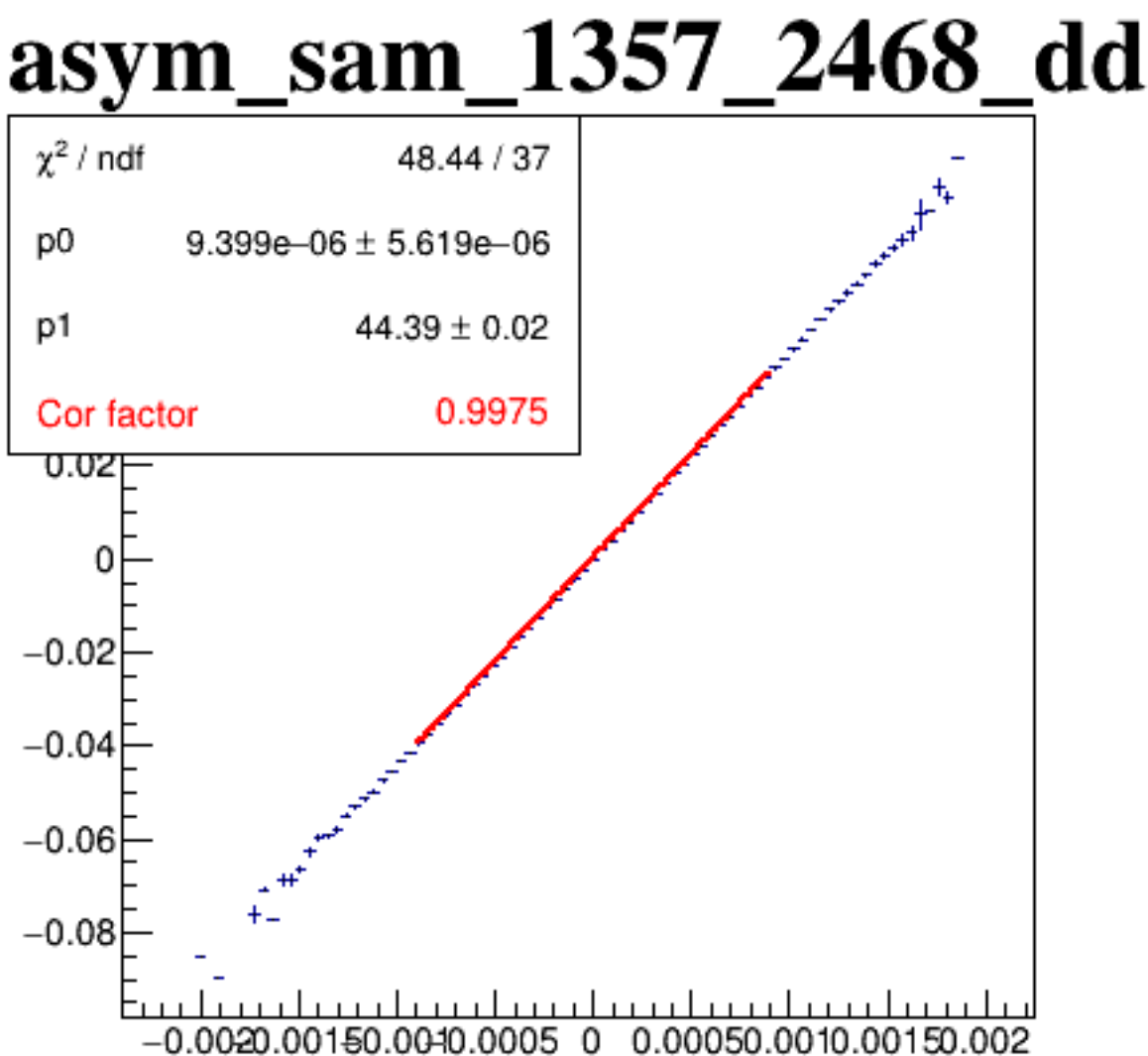
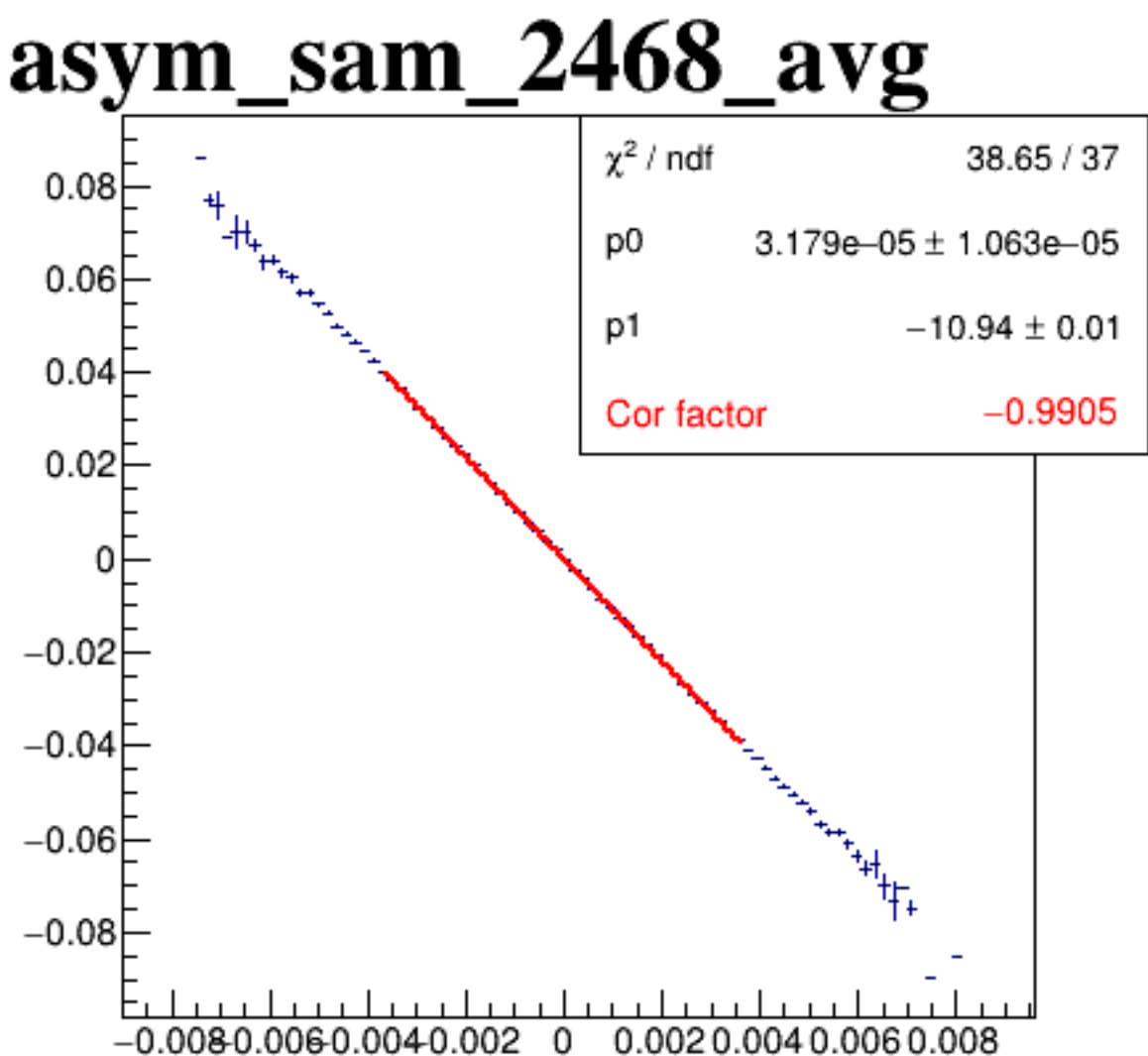
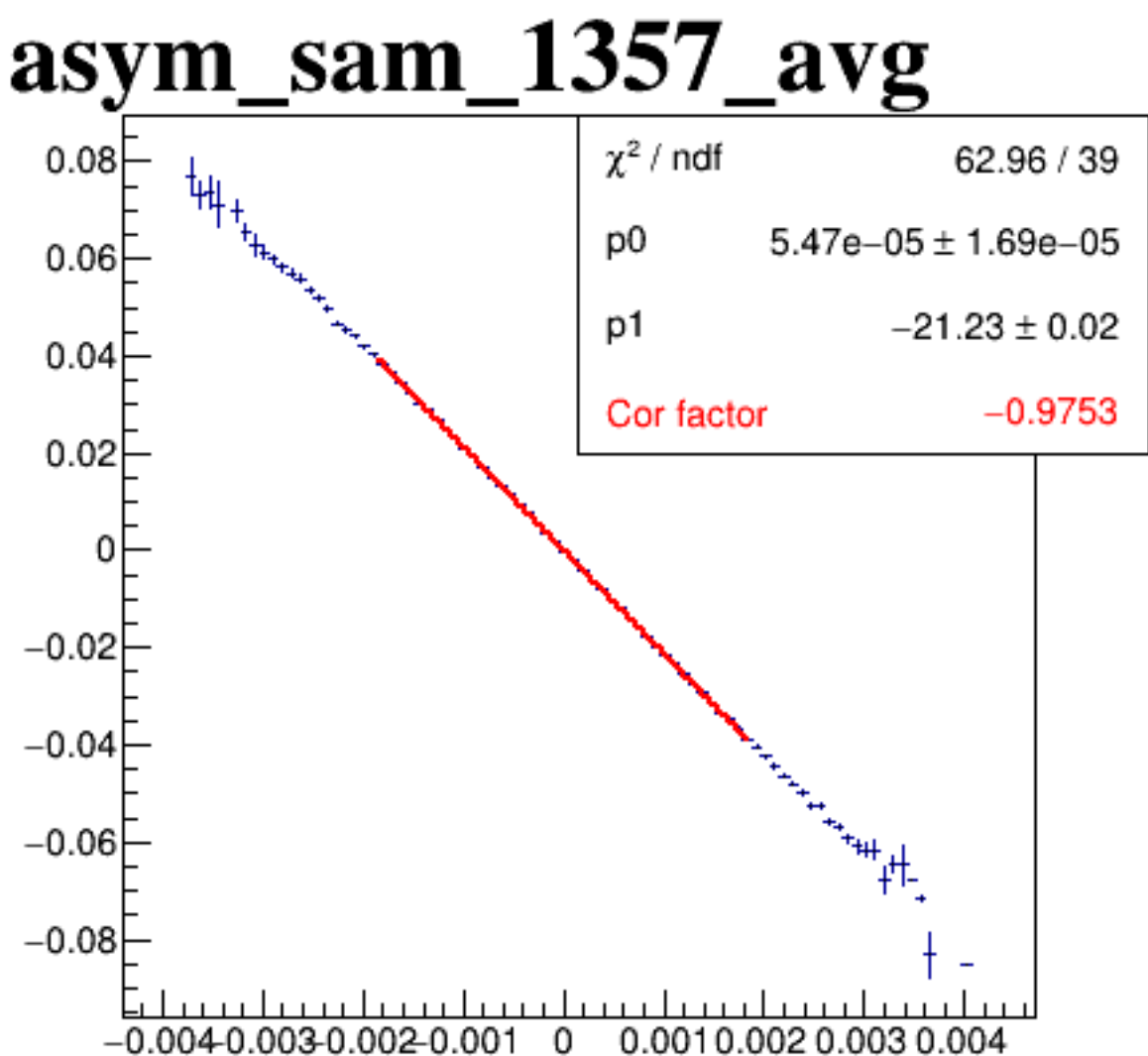
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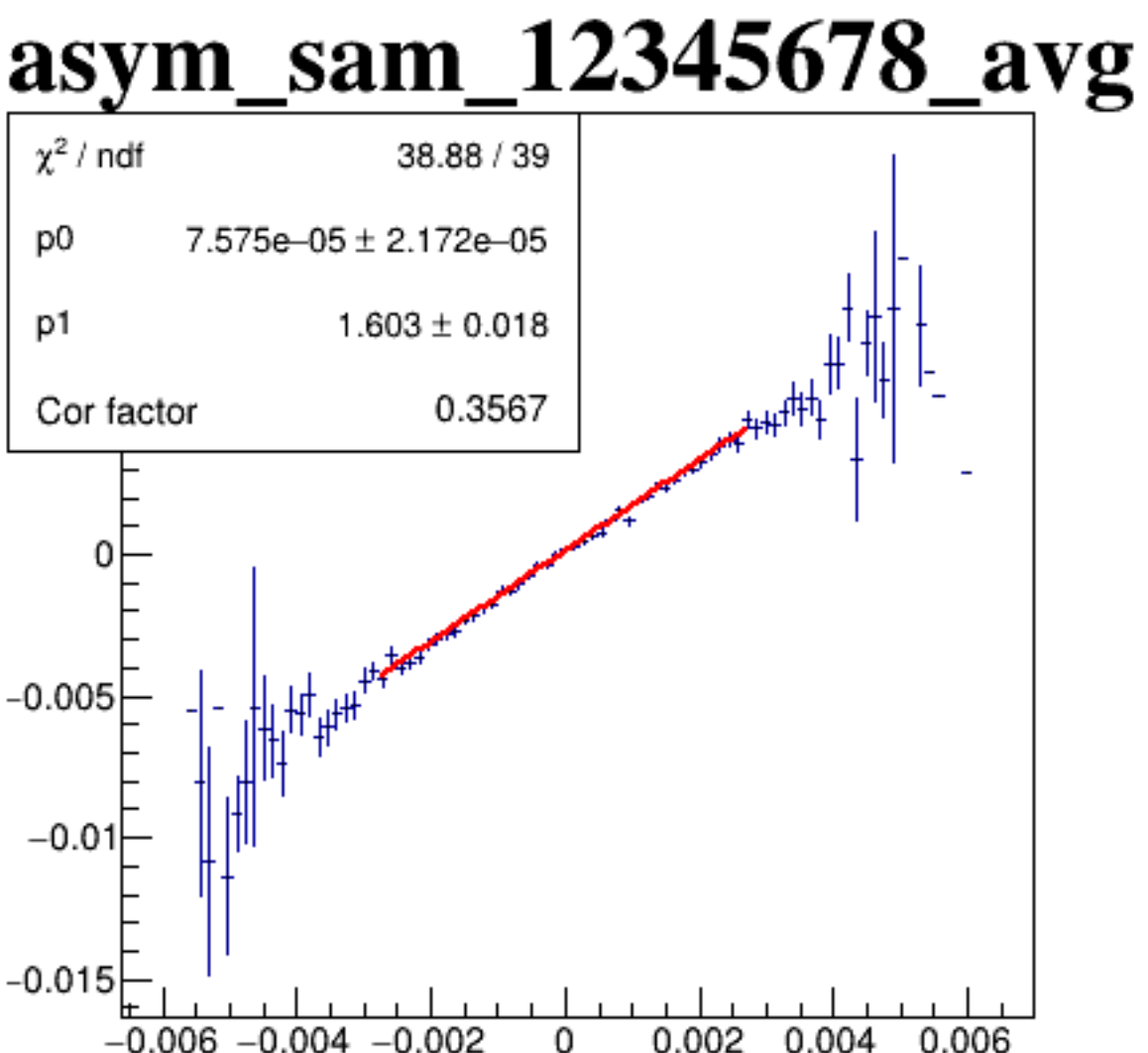
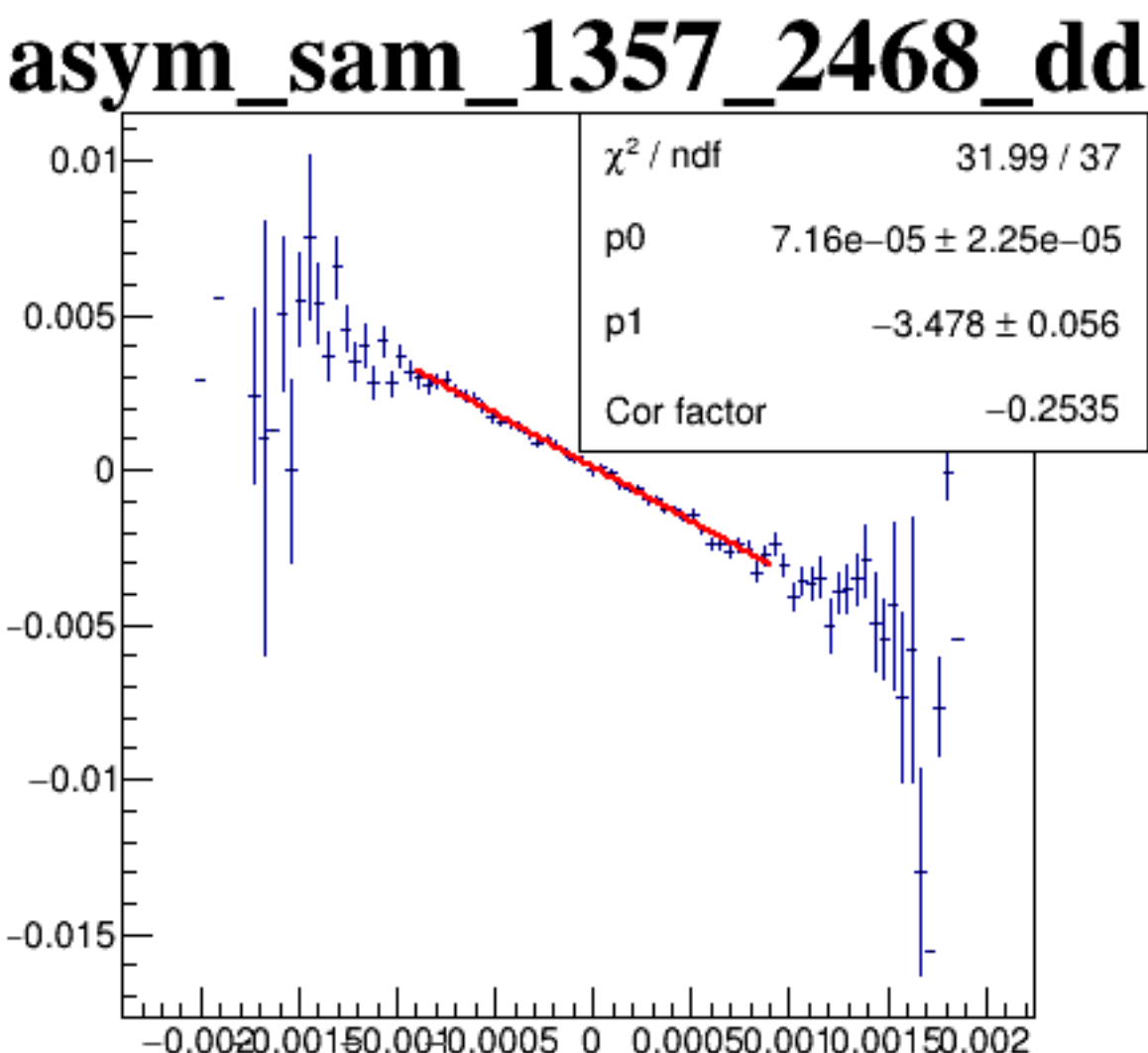
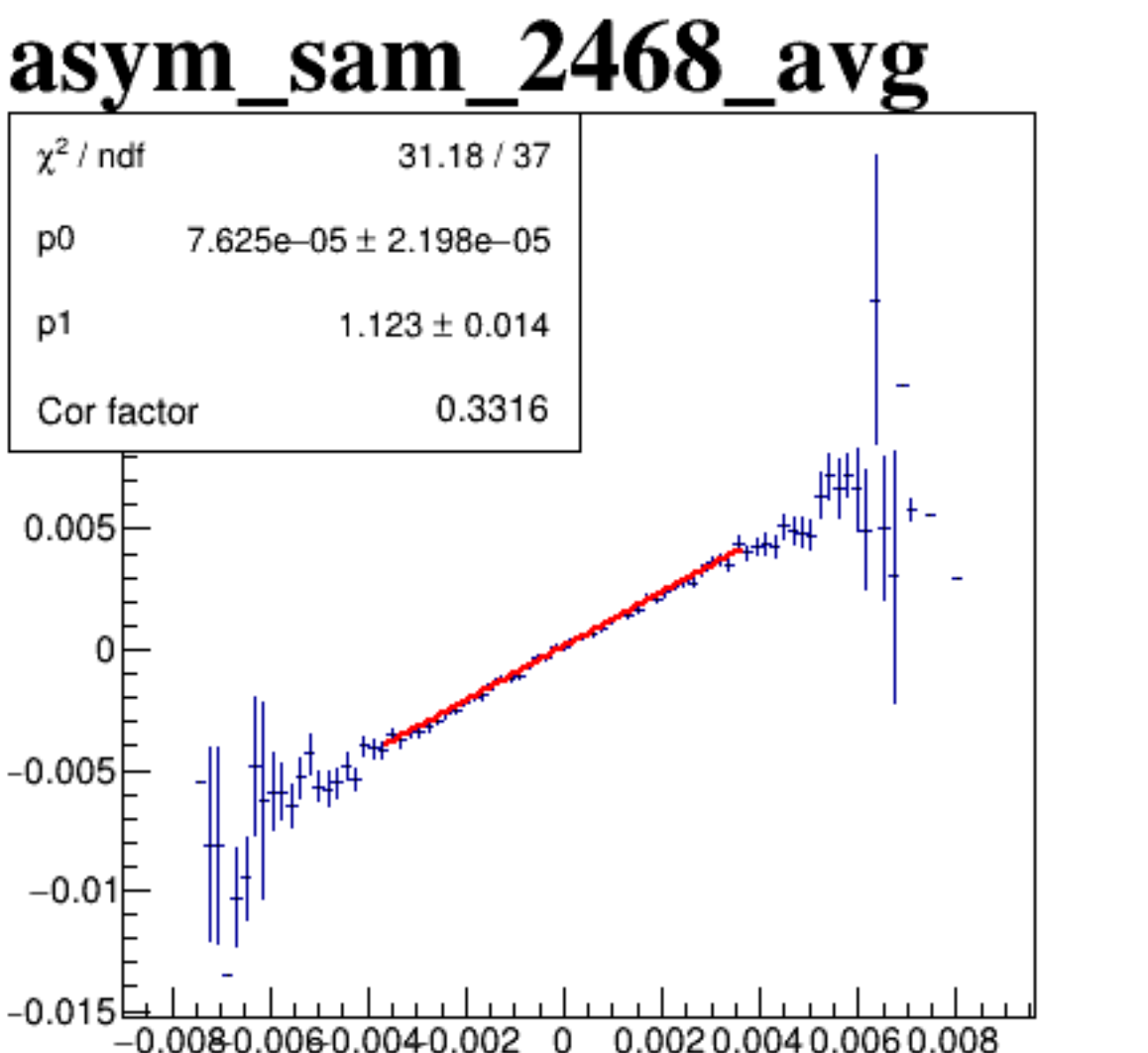
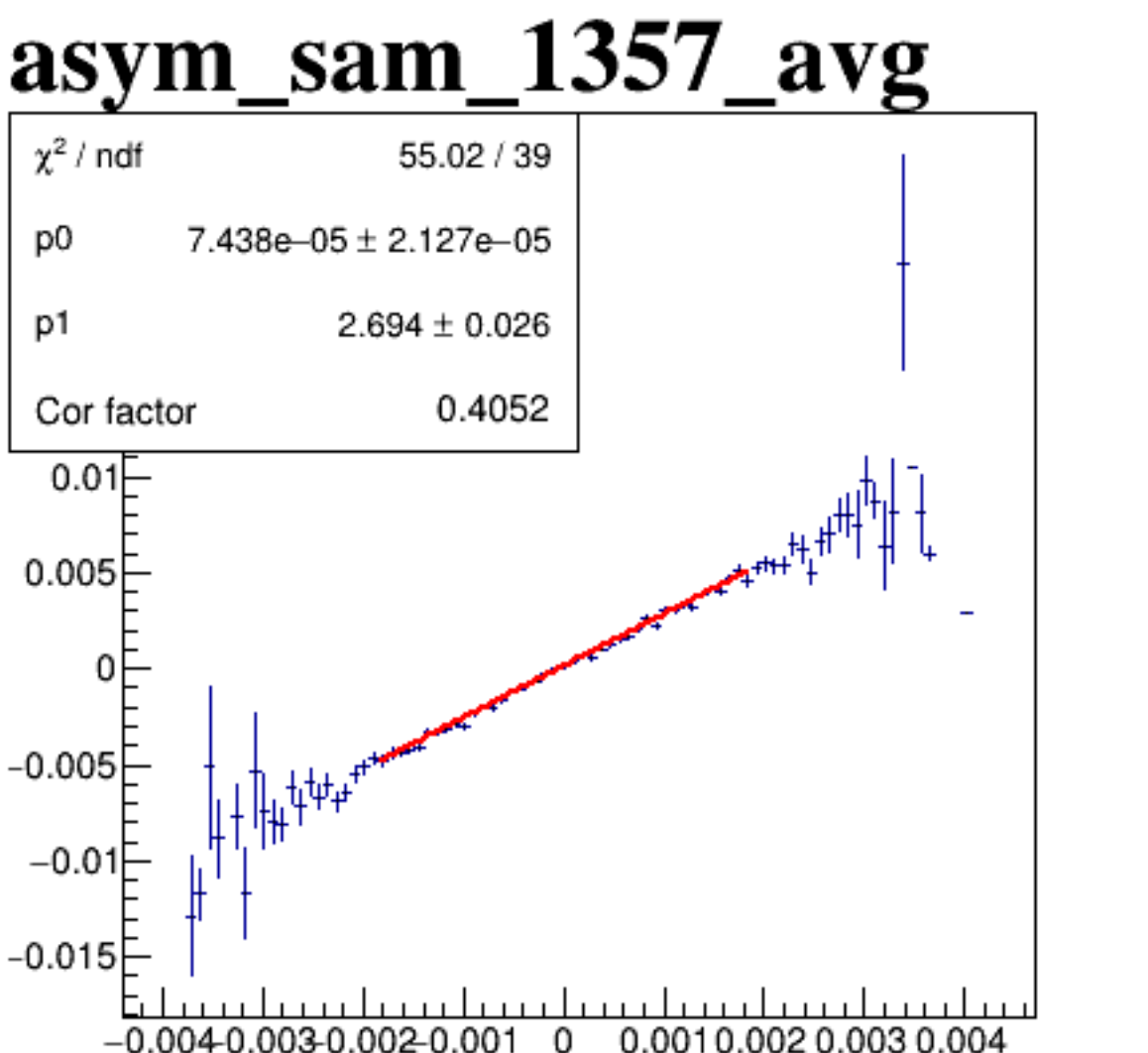
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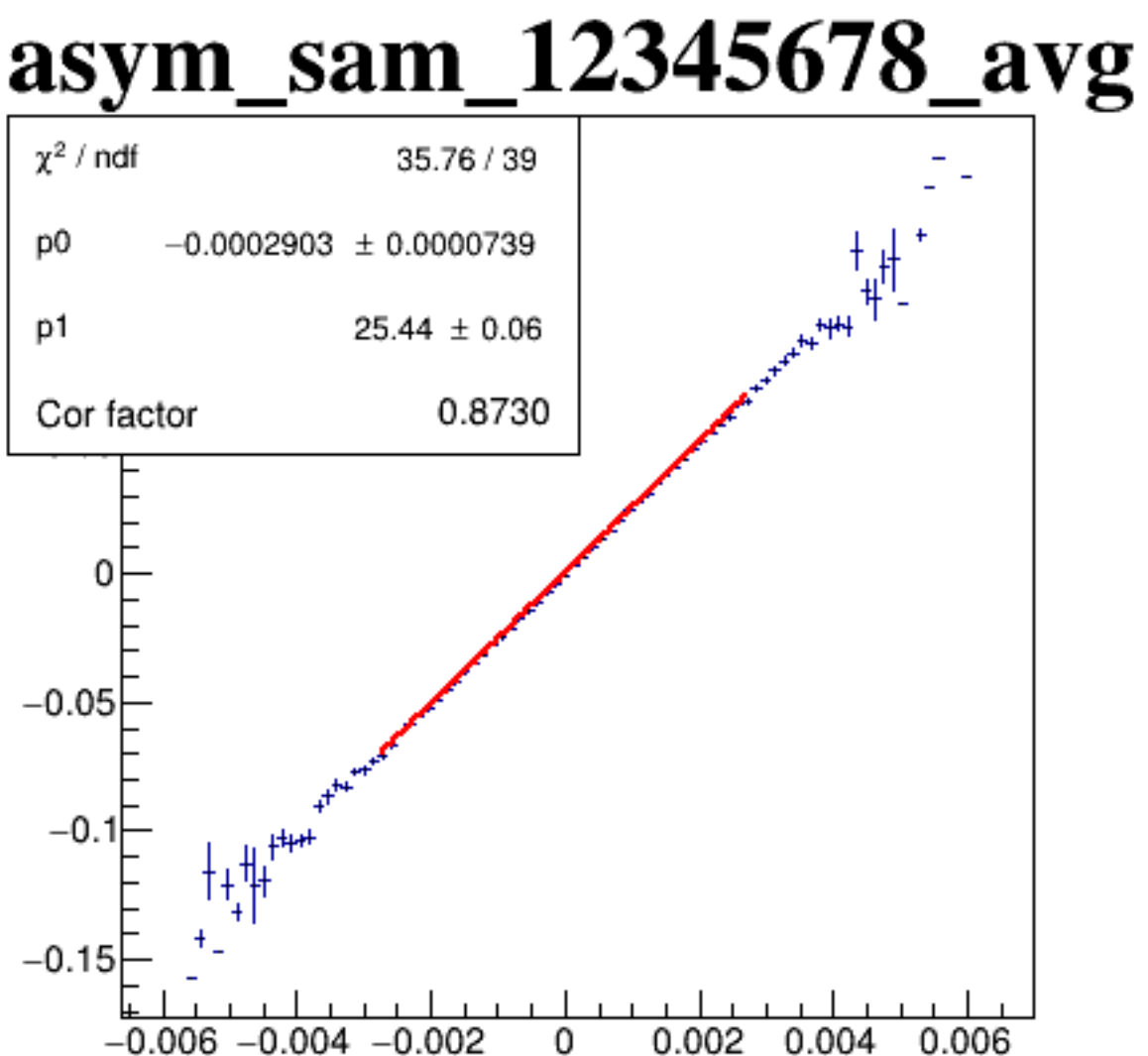
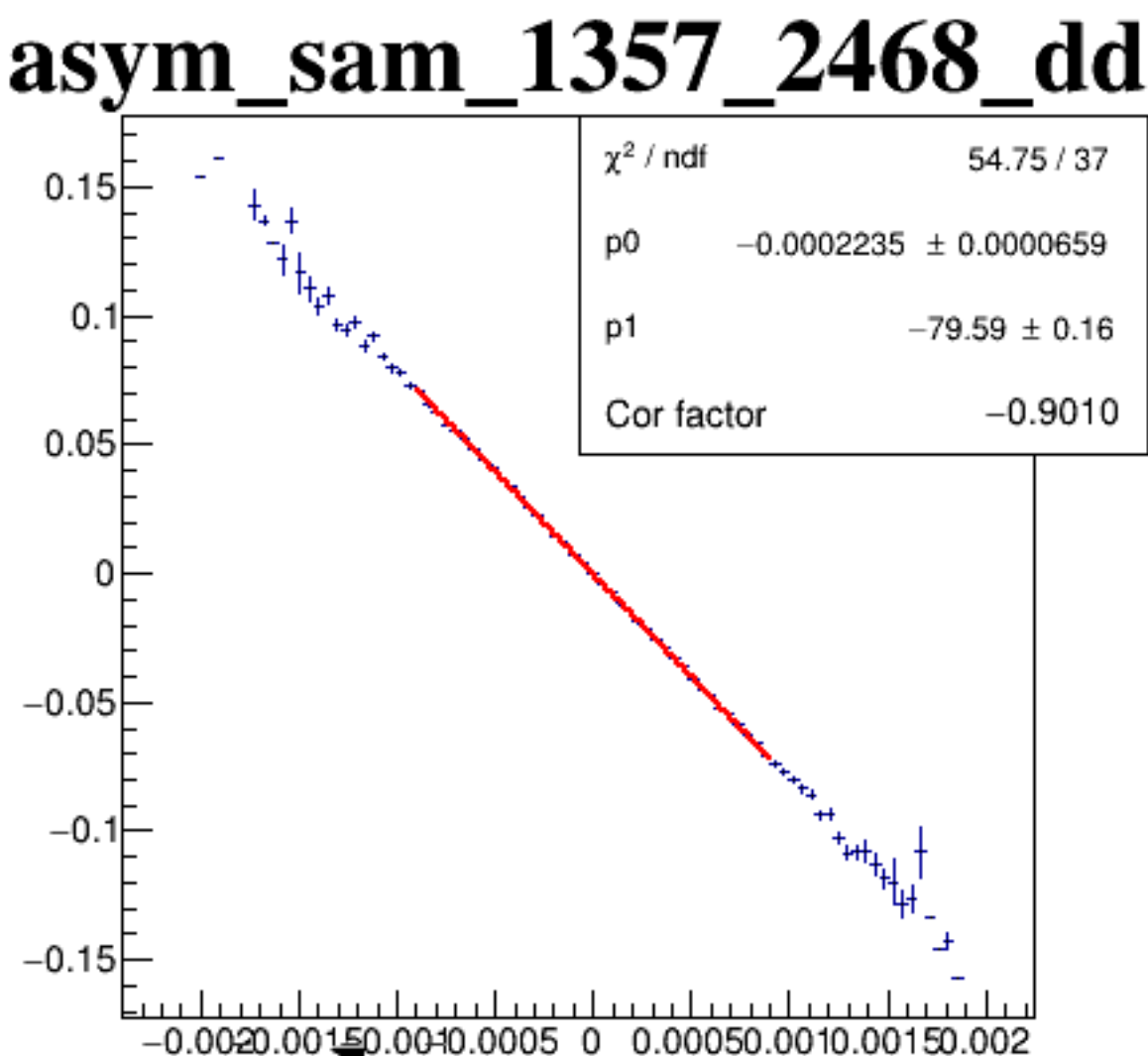
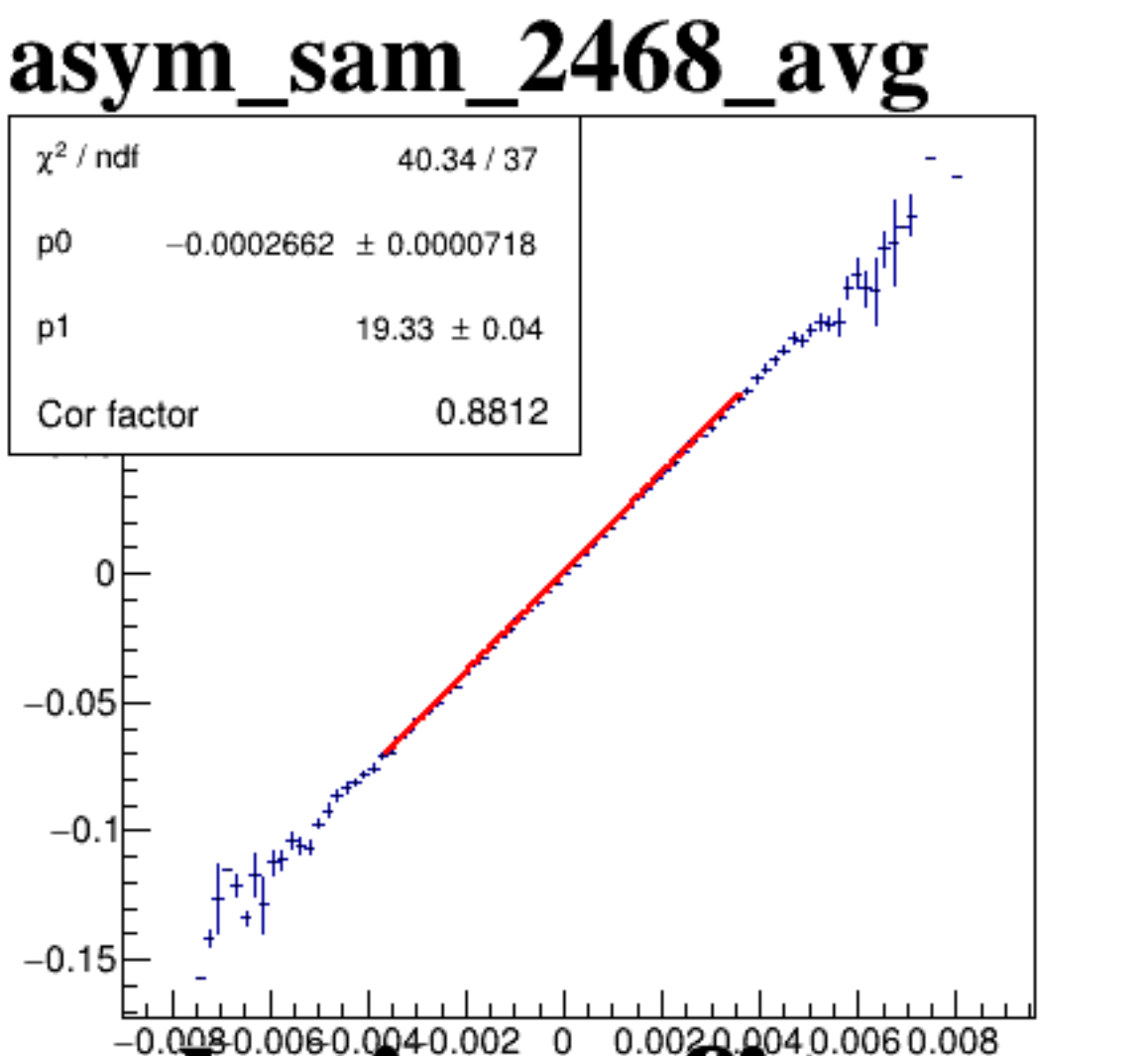
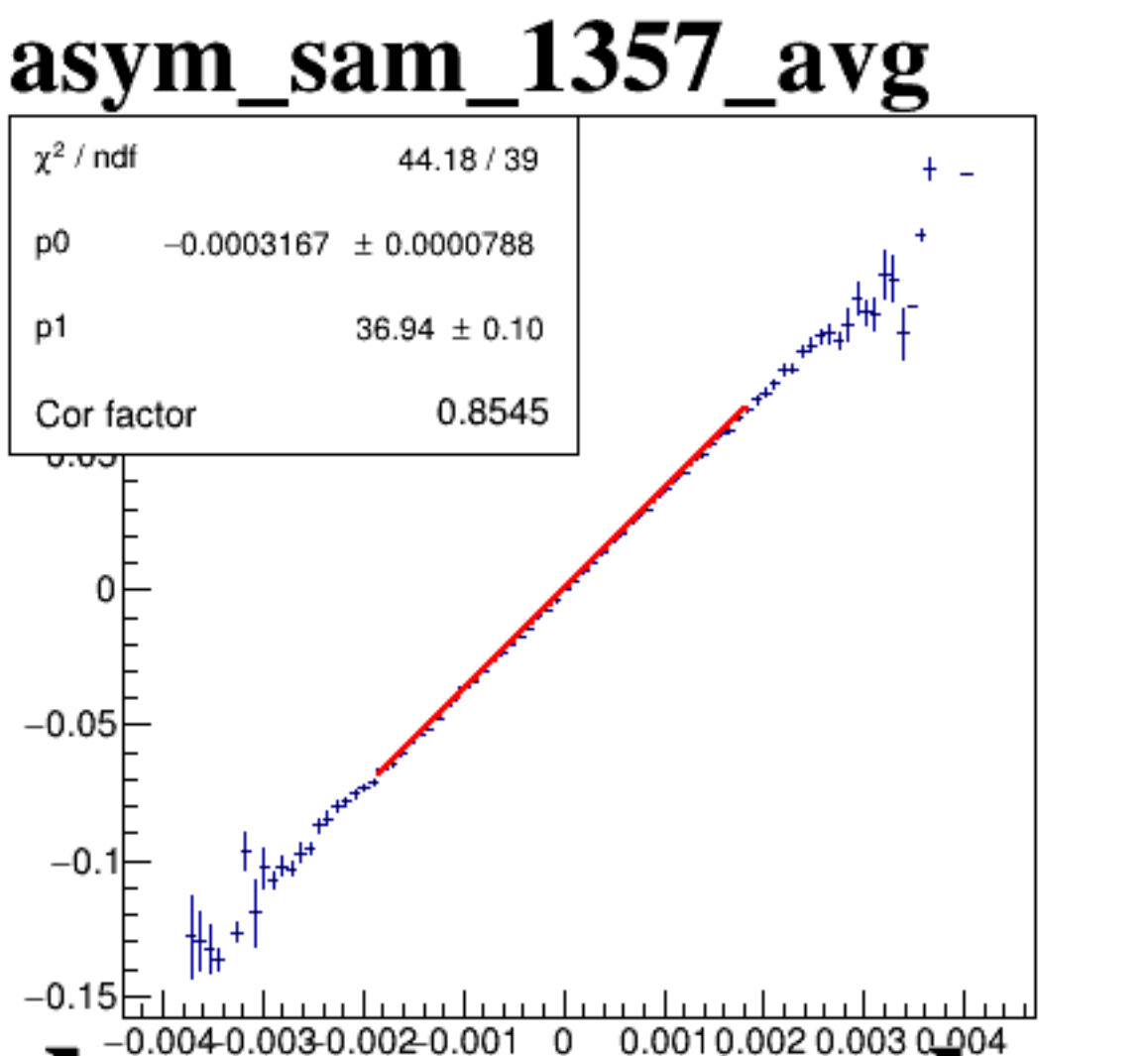
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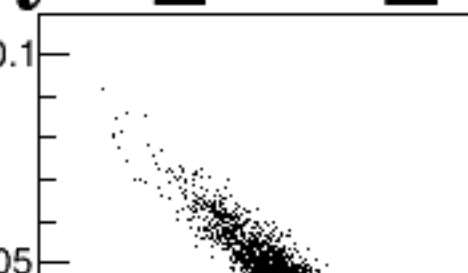


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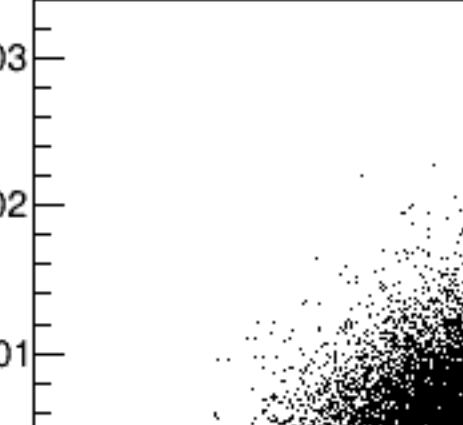


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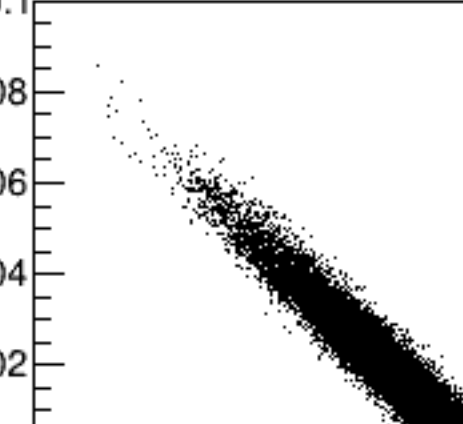




A scatter plot showing the relationship between `mulc.asym_sam_12345678_avg` (x-axis) and `asym_sam_12345678_avg` (y-axis). The x-axis ranges from -0.006 to 0.006, and the y-axis ranges from -0.1 to 0.1. The data points form a dense, elongated cloud along the diagonal line $y = x$, indicating a strong positive correlation between the two variables.



A scatter plot showing the relationship between the average asymmetry of the sample, $\text{asym_sam_12345678_avg}$ (y-axis), and the average asymmetry of the multiplicity distribution, $\text{mulc.asym_sam_12345678_avg}$ (x-axis). The data points are densely clustered around the origin (0,0), indicating a strong positive correlation between the two variables. The axes range from approximately -0.006 to 0.006 on the x-axis and -0.02 to 0.03 on the y-axis.



A scatter plot showing the relationship between the average asymmetry of the sample, $\text{asym_sam_12345678_avg}$ (y-axis), and the average asymmetry of the multiplicity distribution, $\text{mulc.asym_sam_12345678_avg}$ (x-axis). The data points form a dense, elongated cloud along a diagonal line, indicating a strong positive correlation between the two variables. The axes range from approximately -0.06 to 0.1.

A scatter plot showing the relationship between `asym_sam_12345678_avg` (y-axis) and `mulc.asym_sam_12345678_avg` (x-axis). The plot displays a dense cloud of points forming a diagonal band from the bottom-left to the top-right, indicating a strong positive correlation. The axes range from -0.06 to 0.15 on the y-axis and -0.006 to 0.006 on the x-axis.