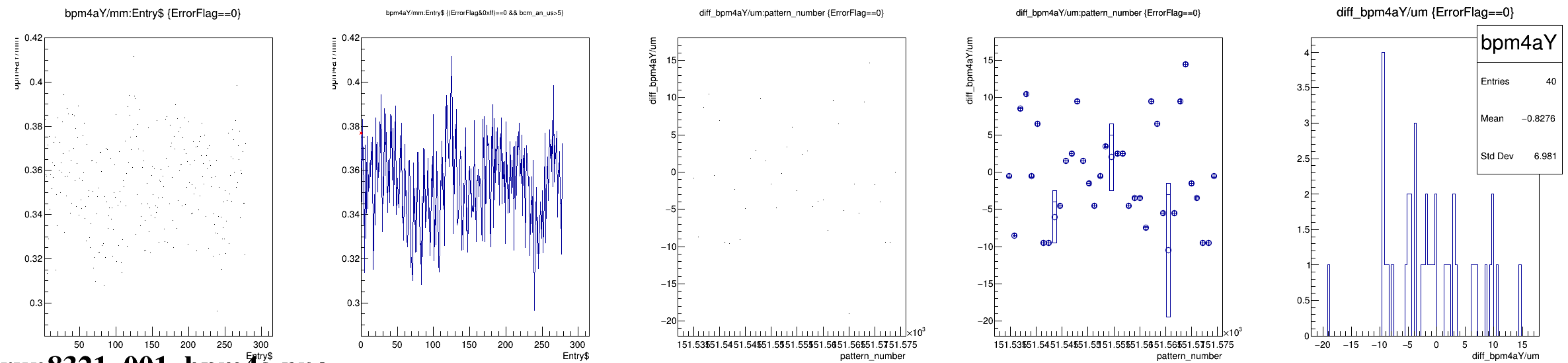
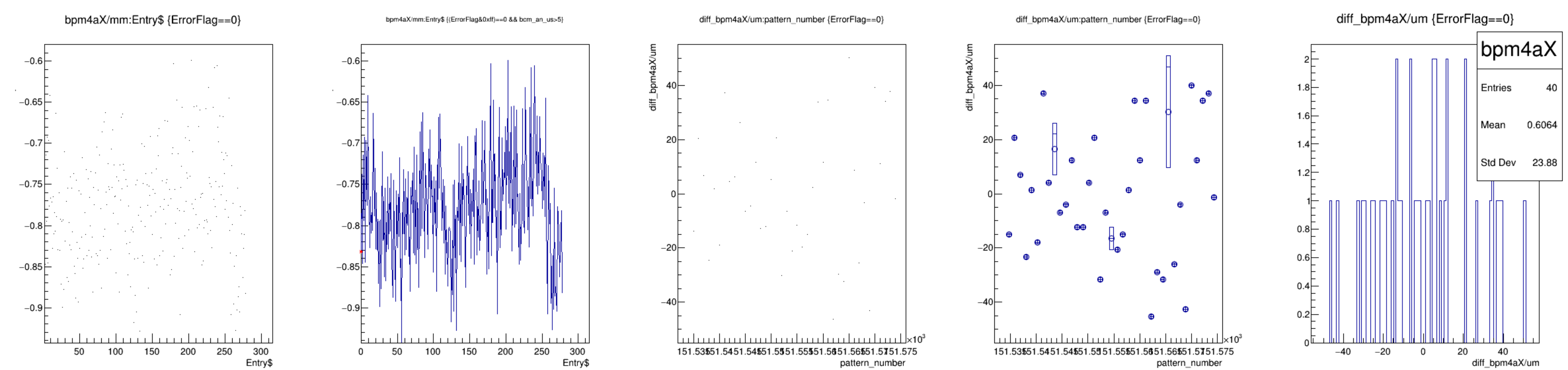
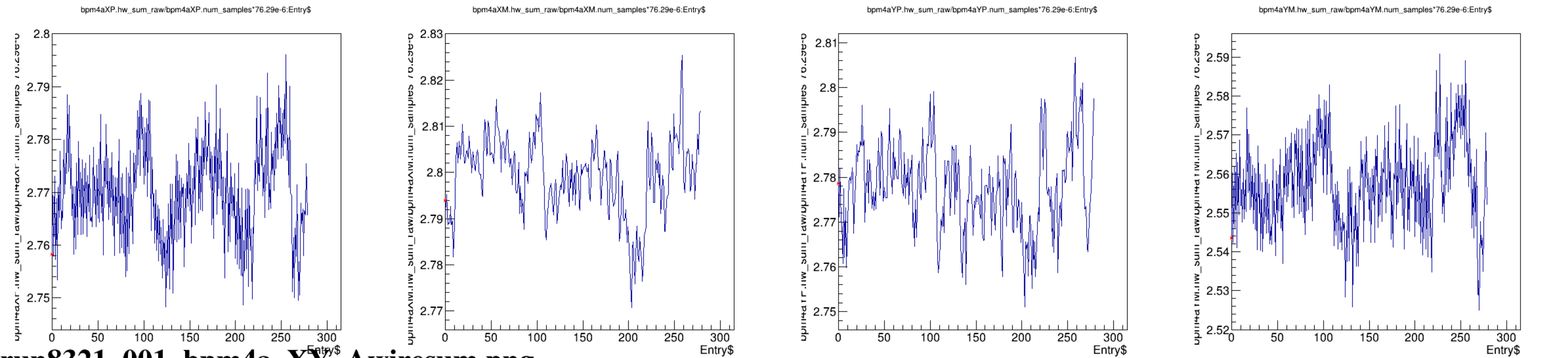
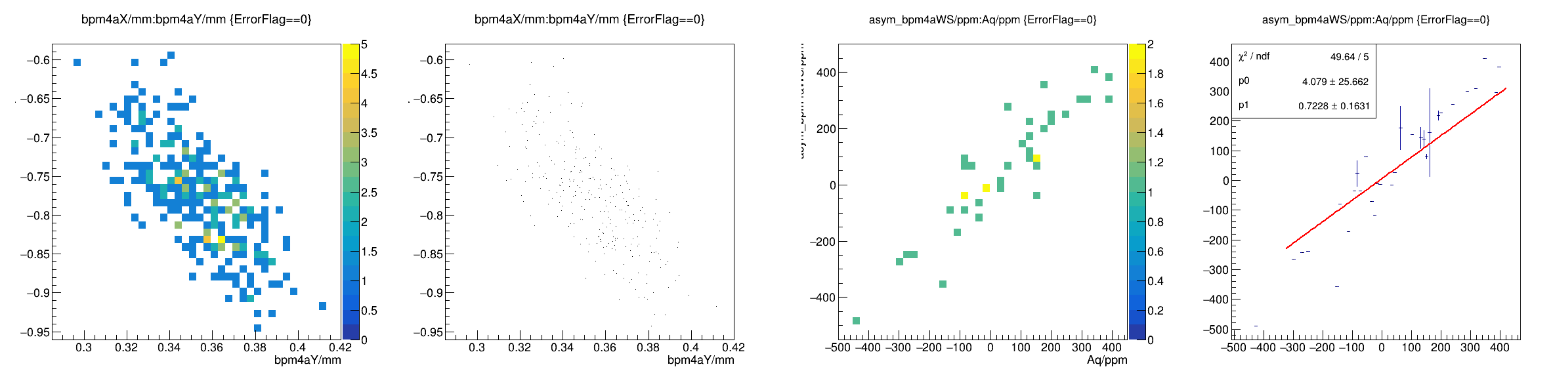
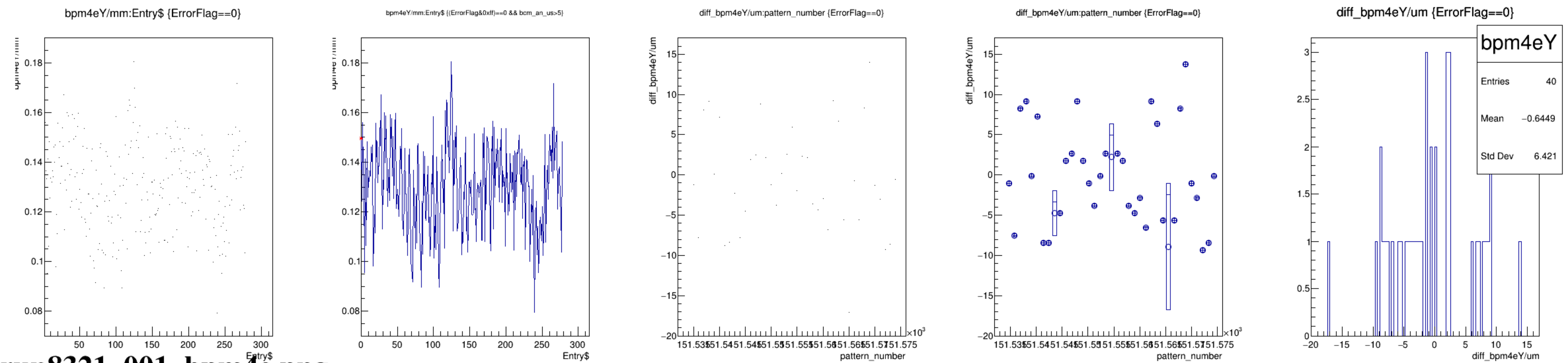
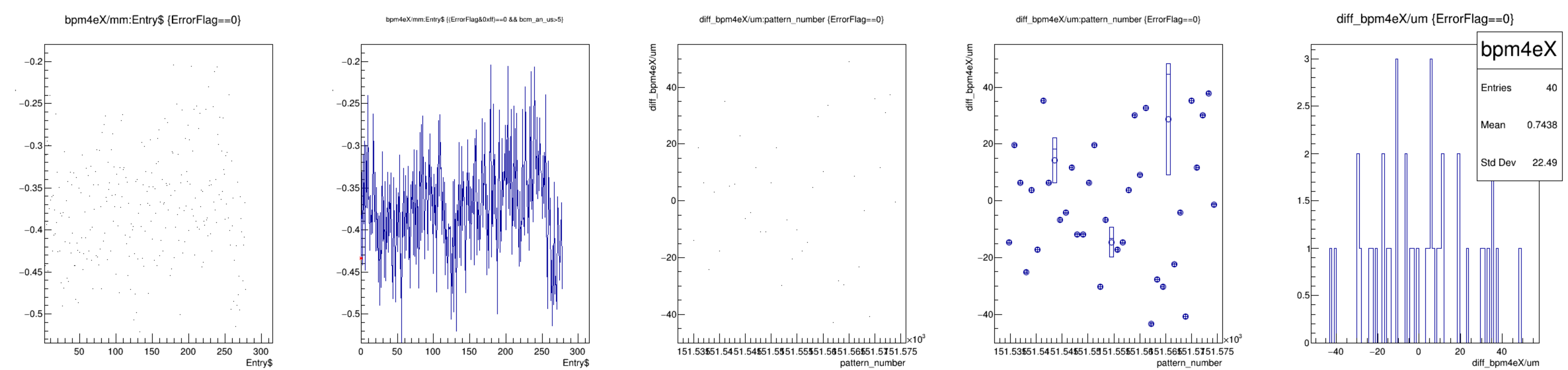
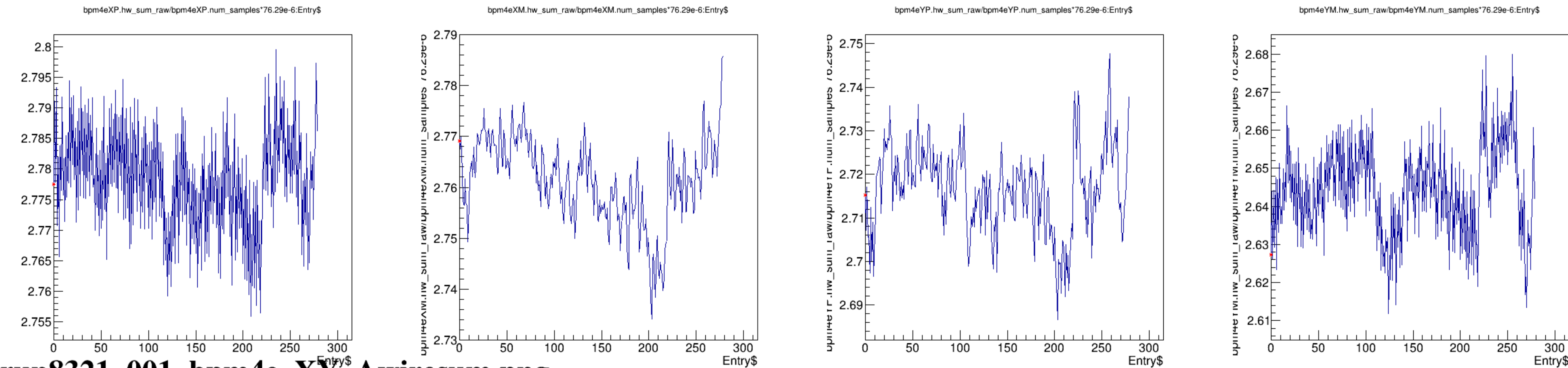
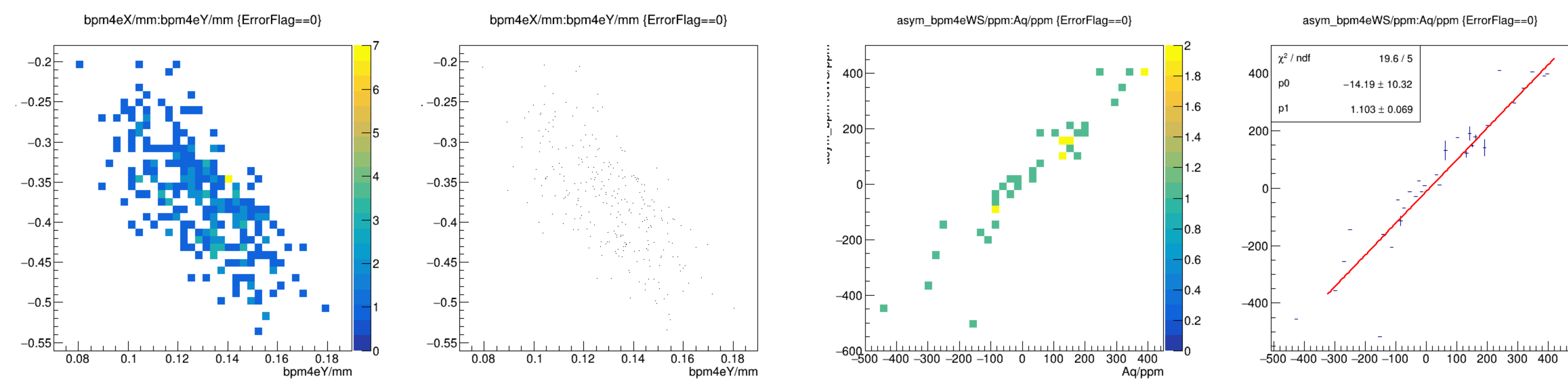




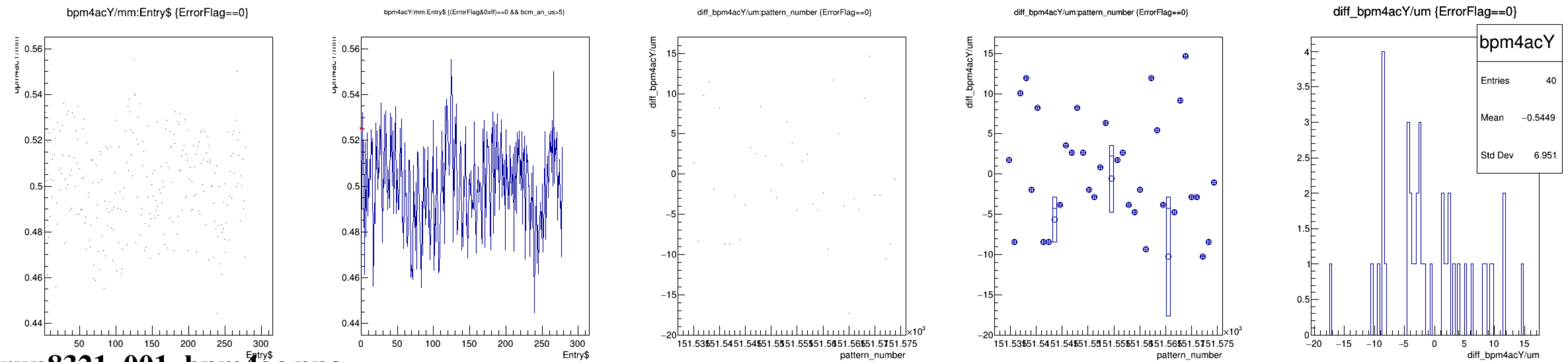
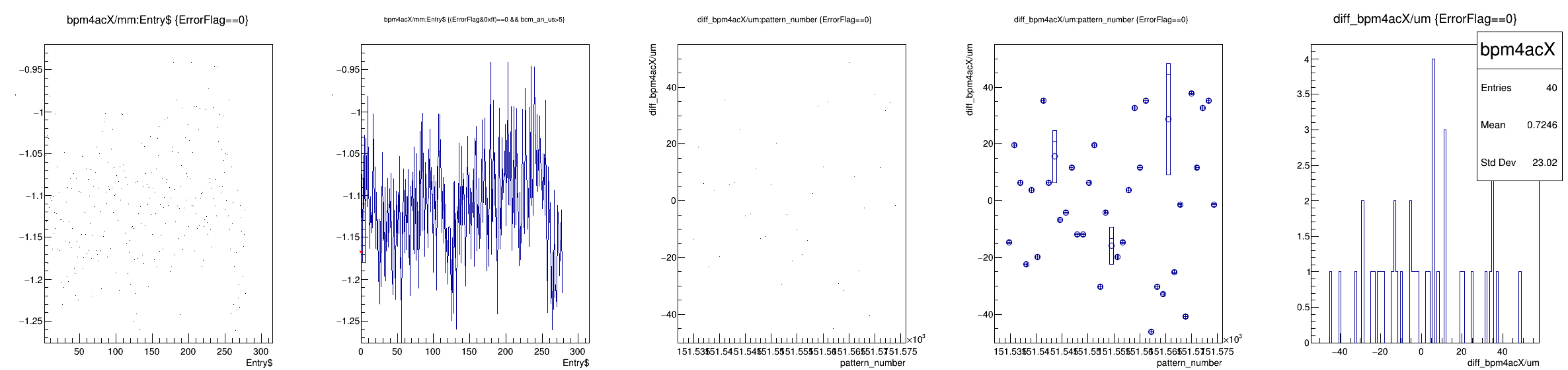


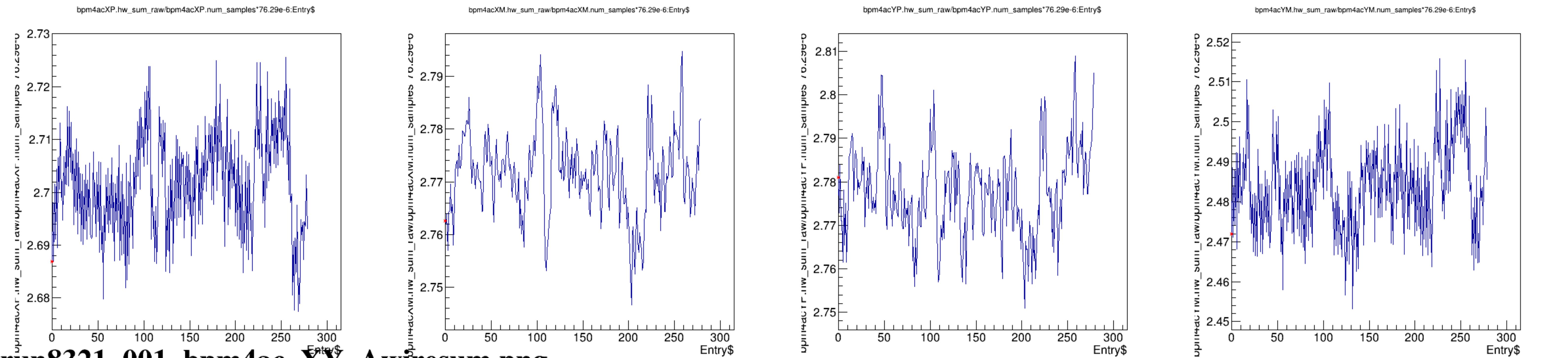
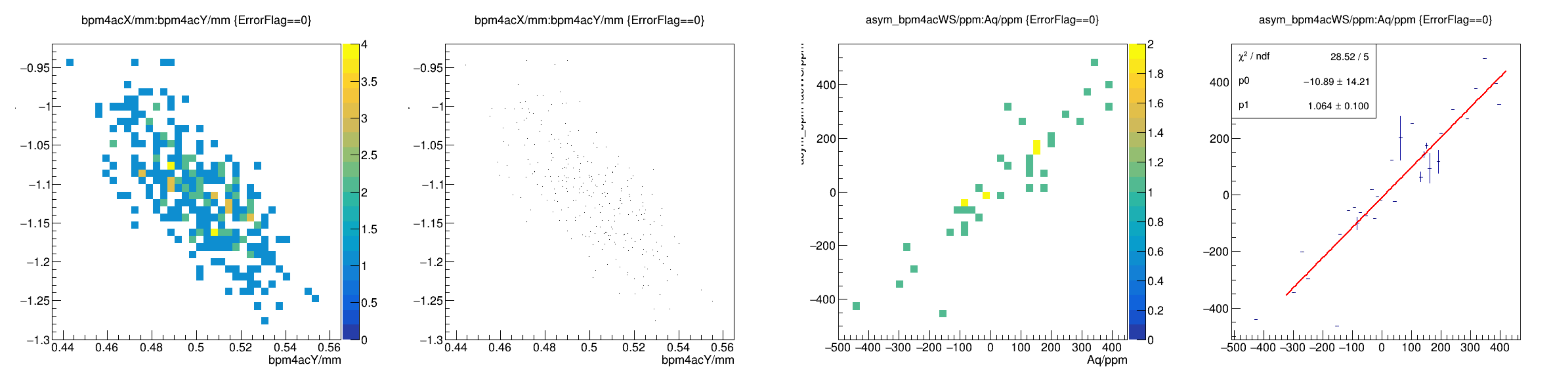
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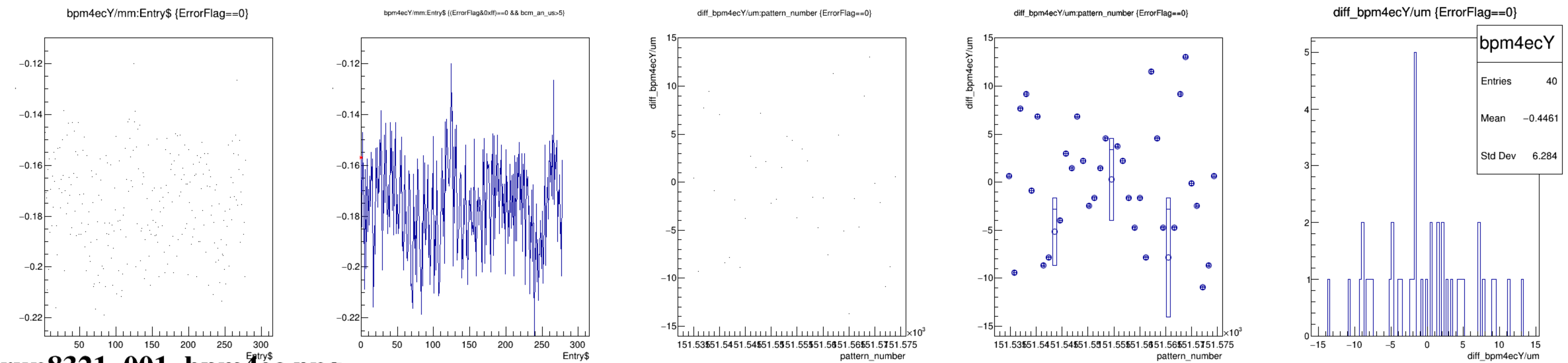
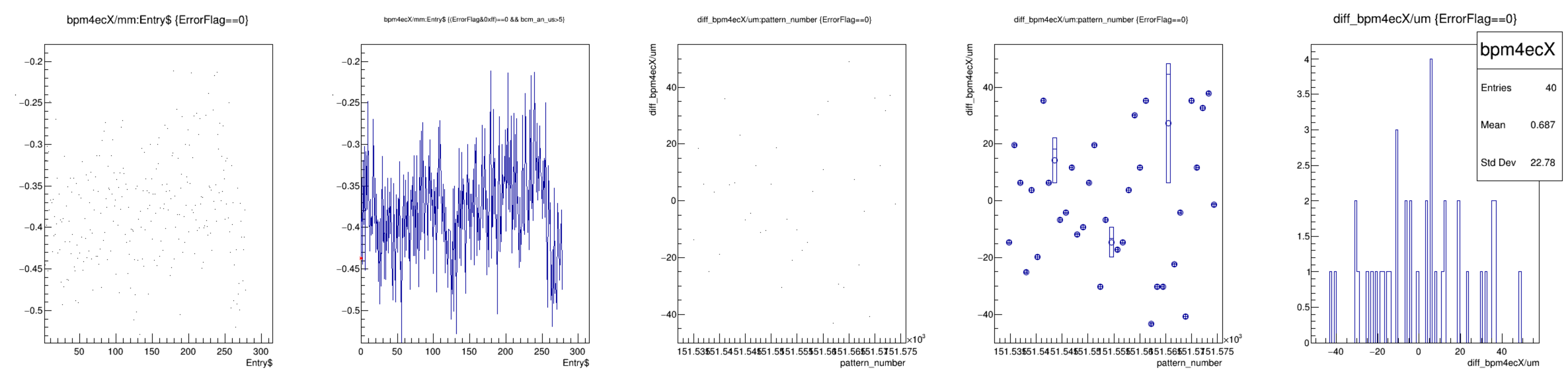


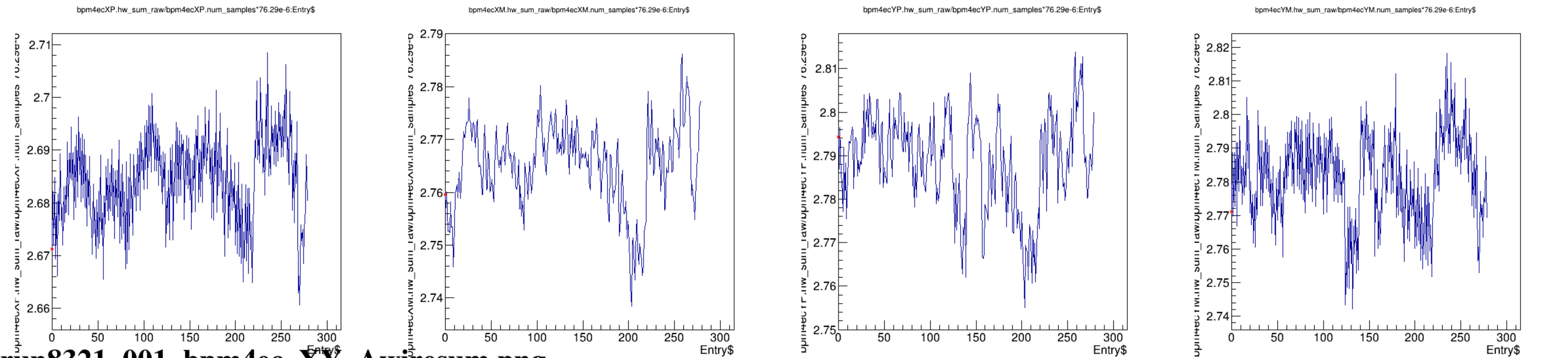
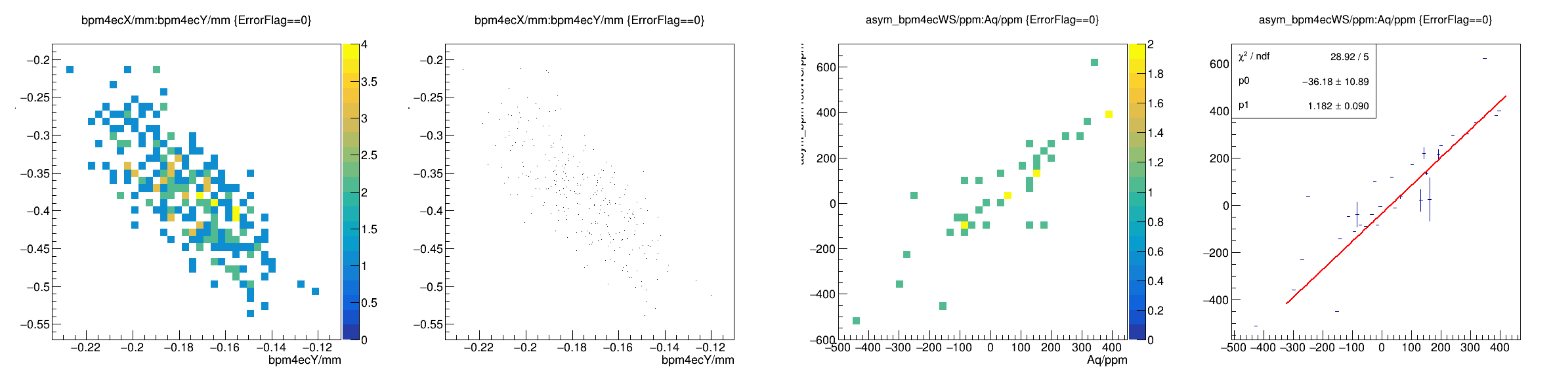
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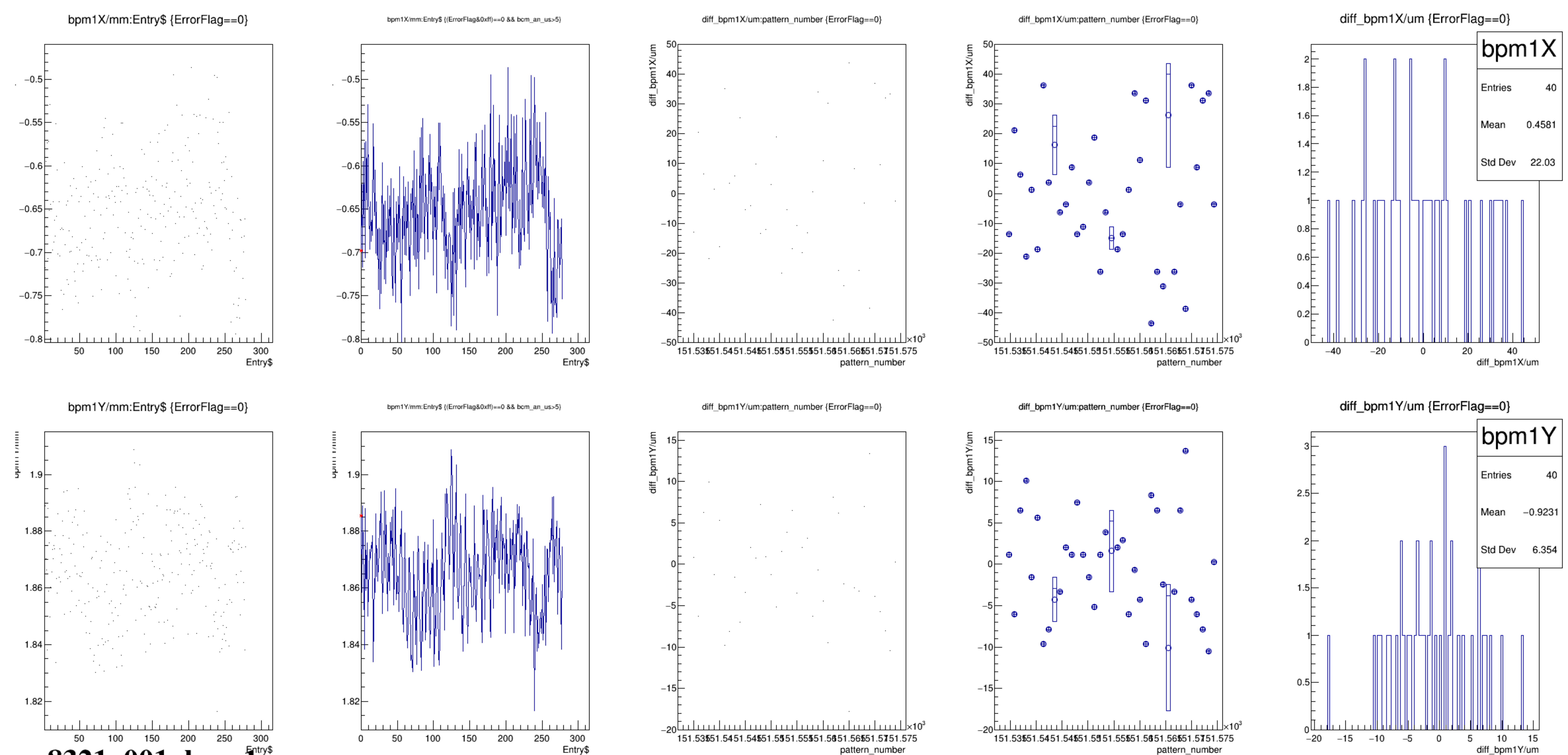


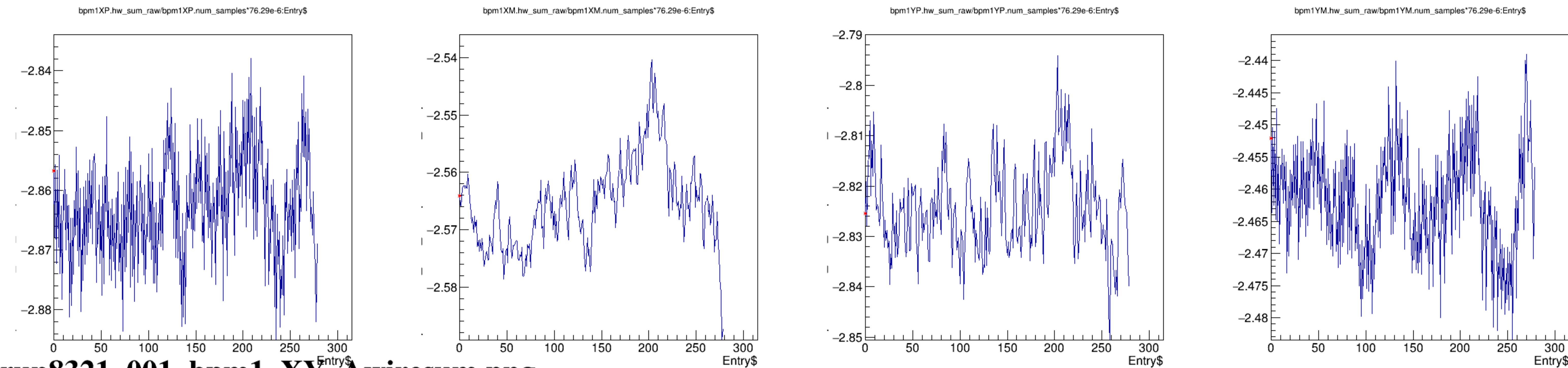
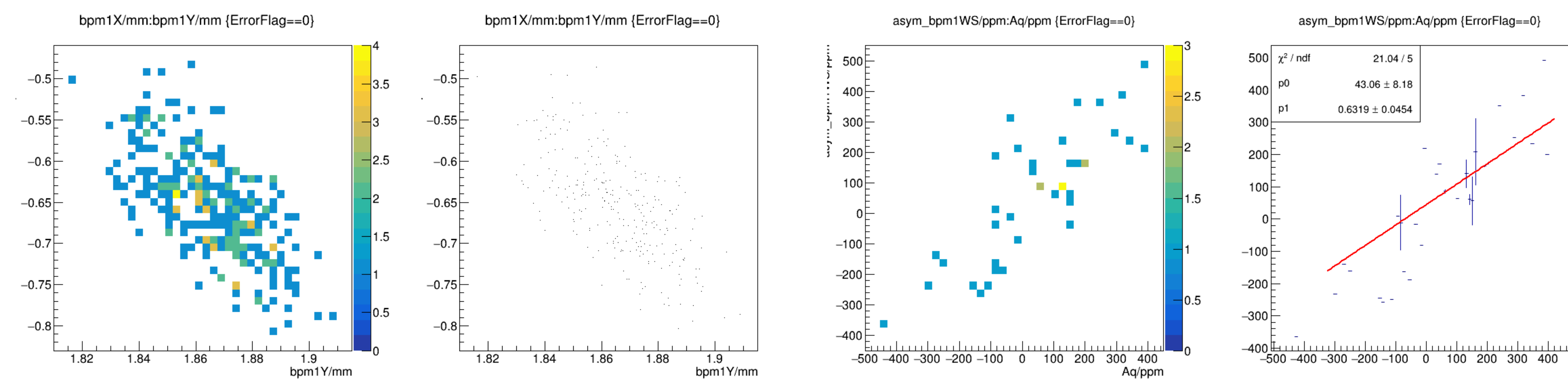
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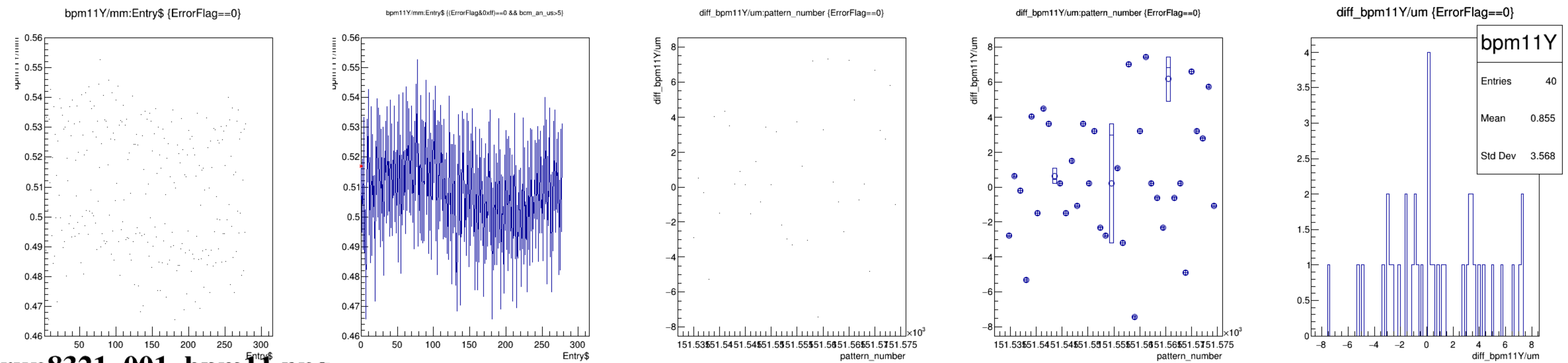
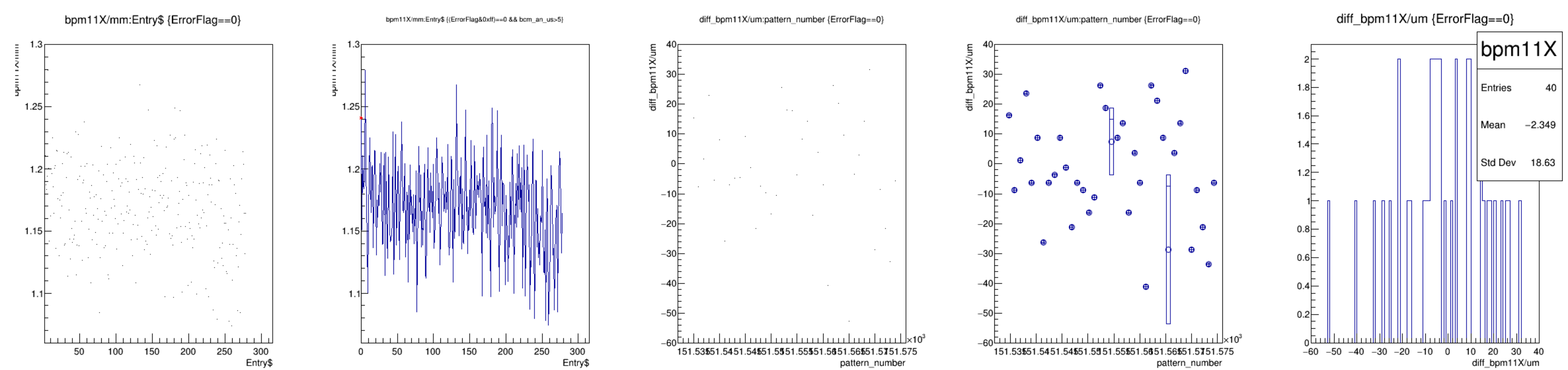


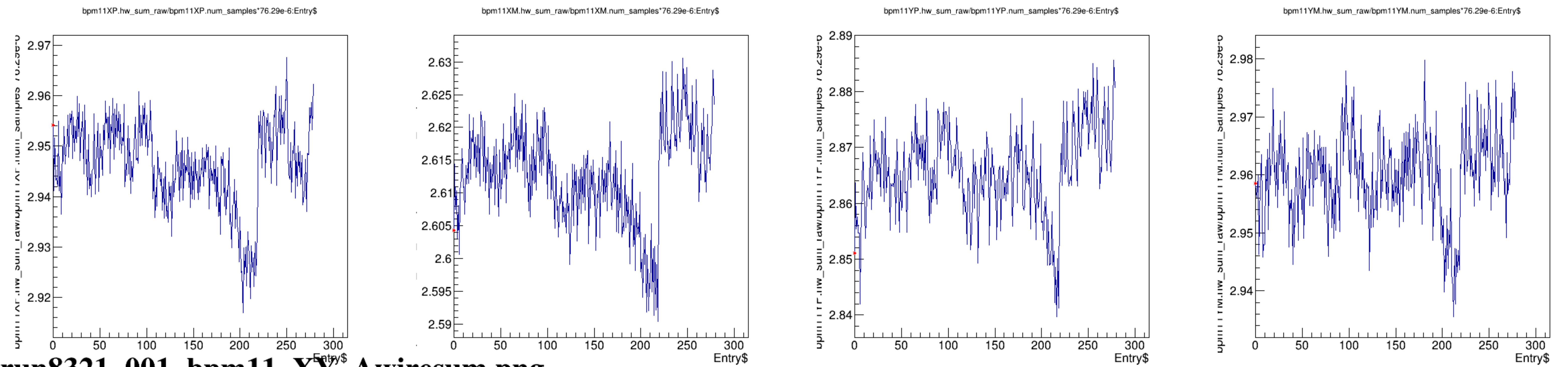
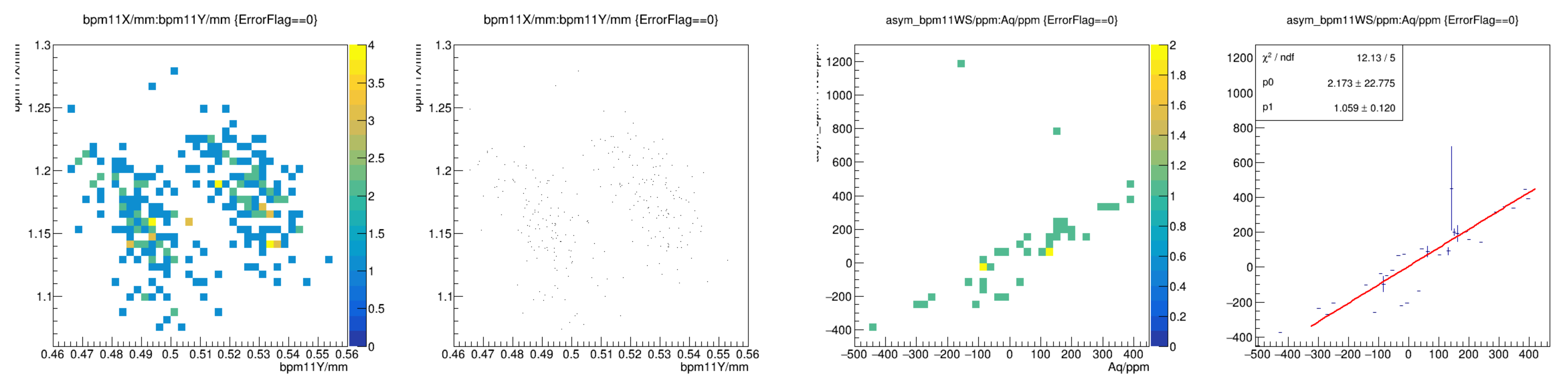
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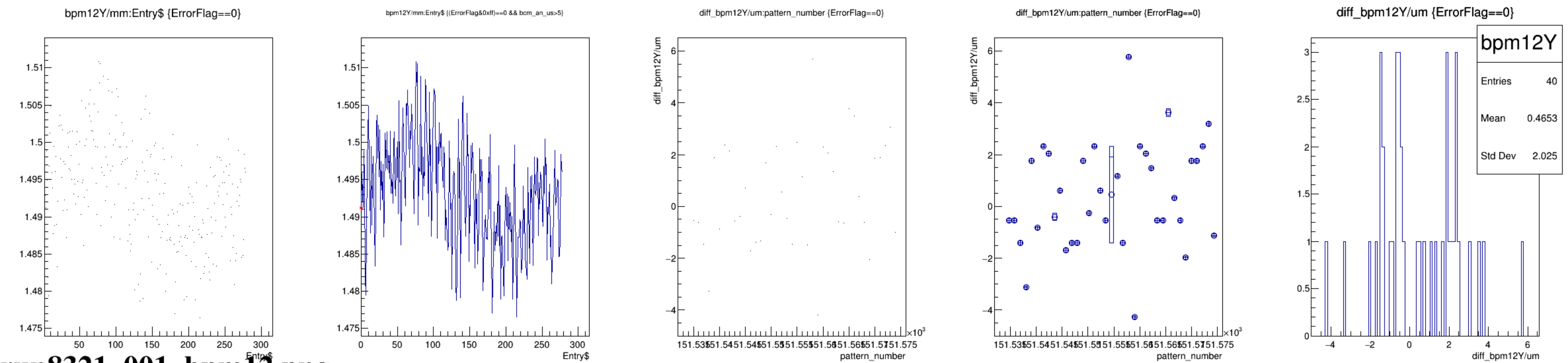
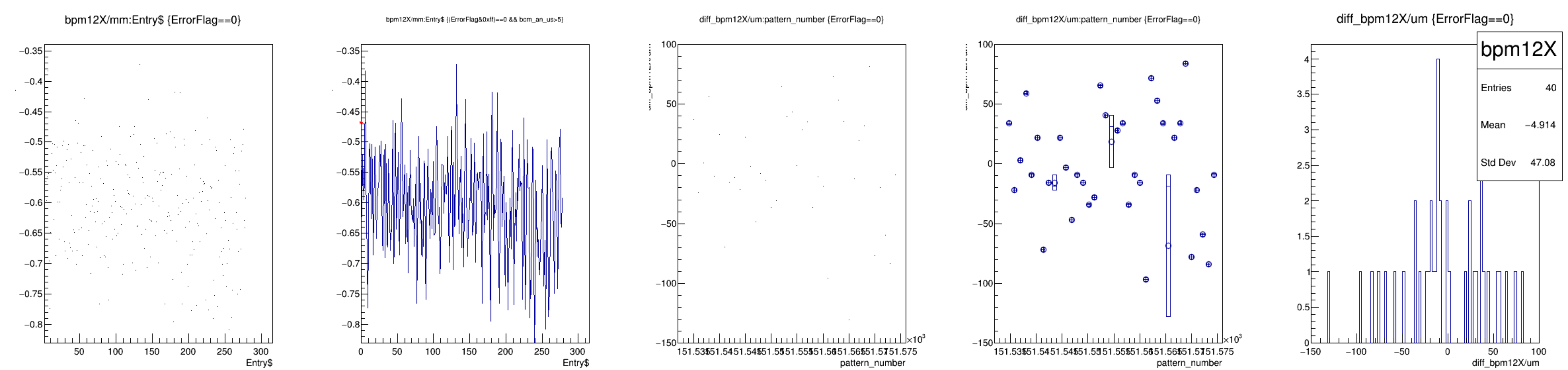


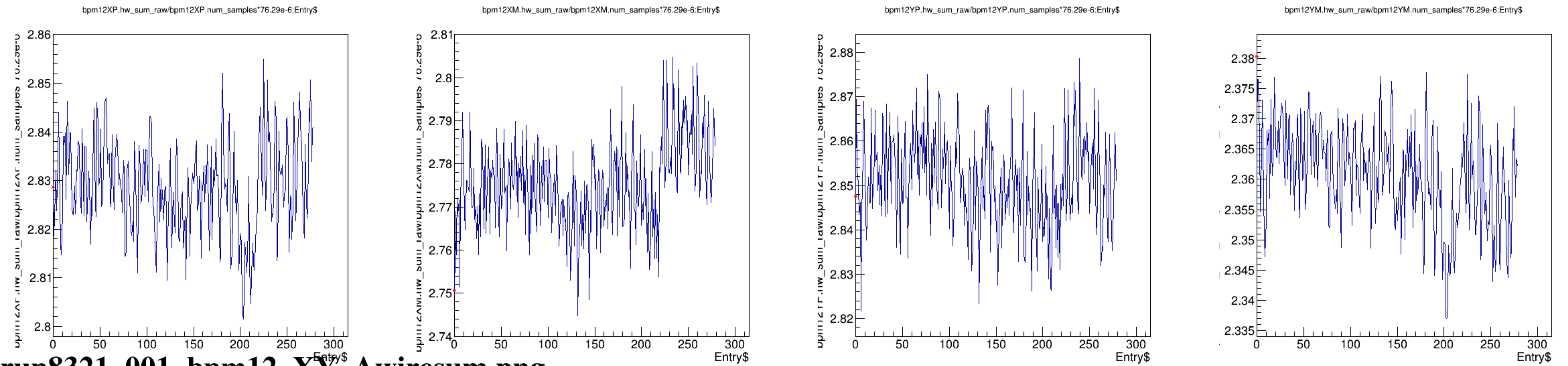
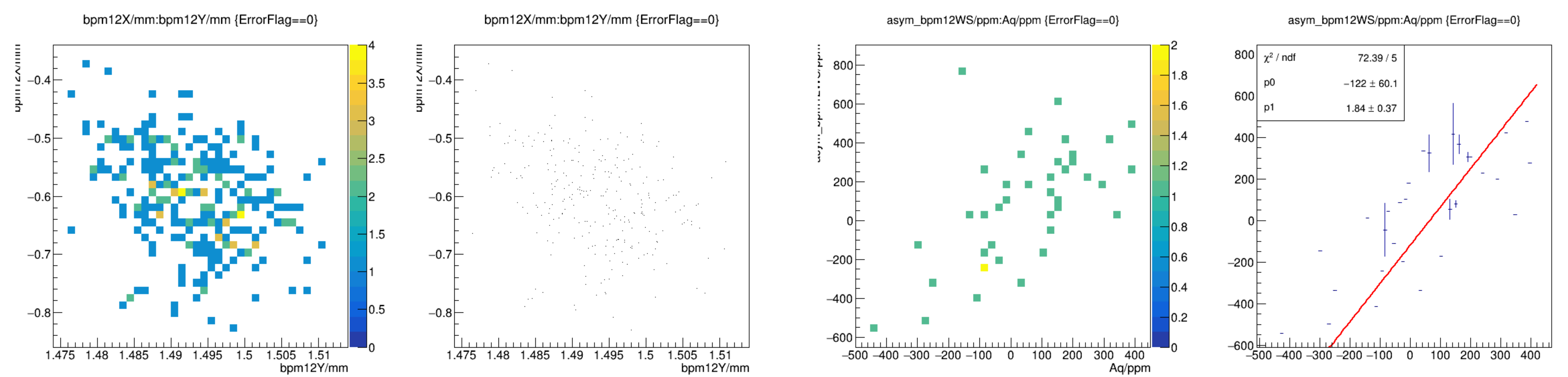


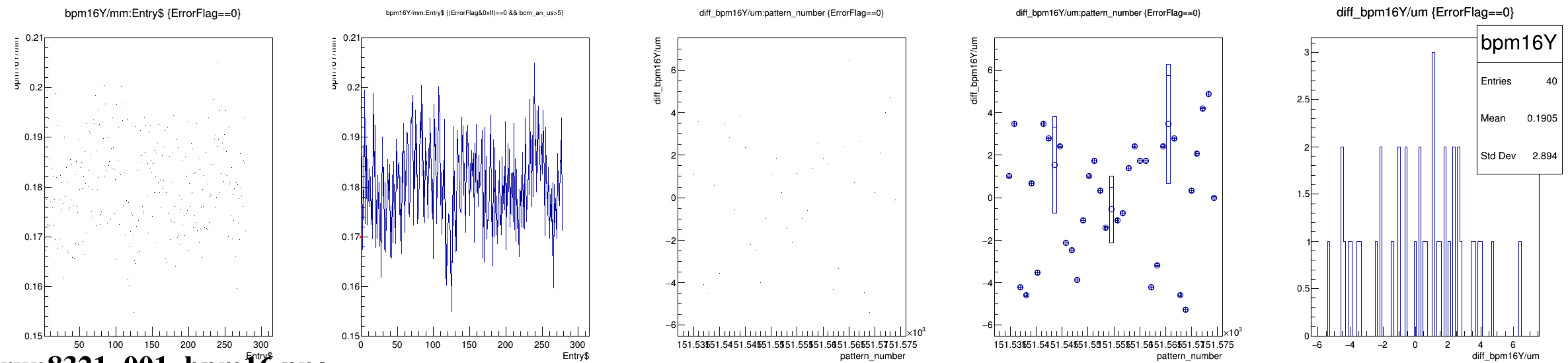
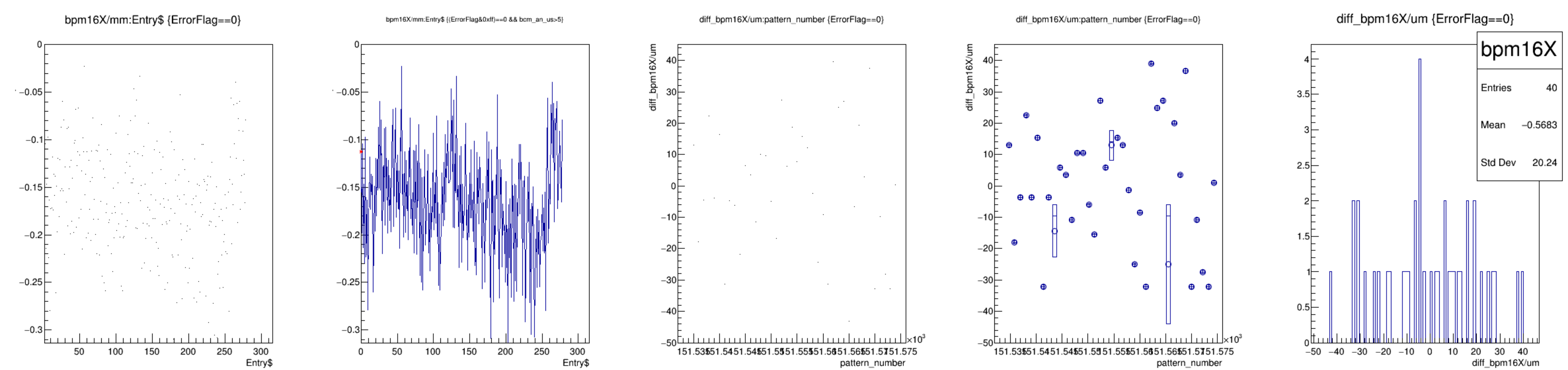
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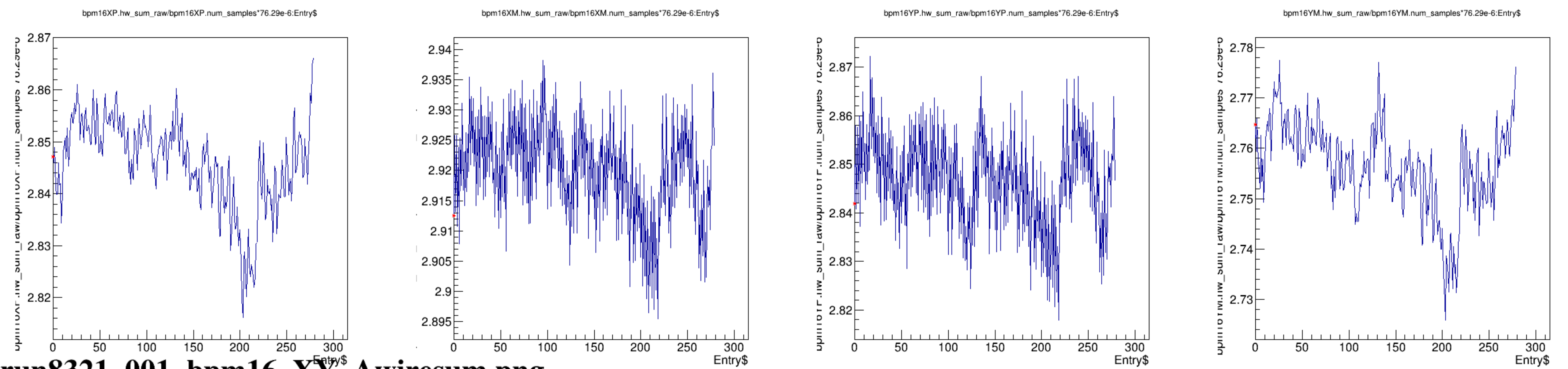
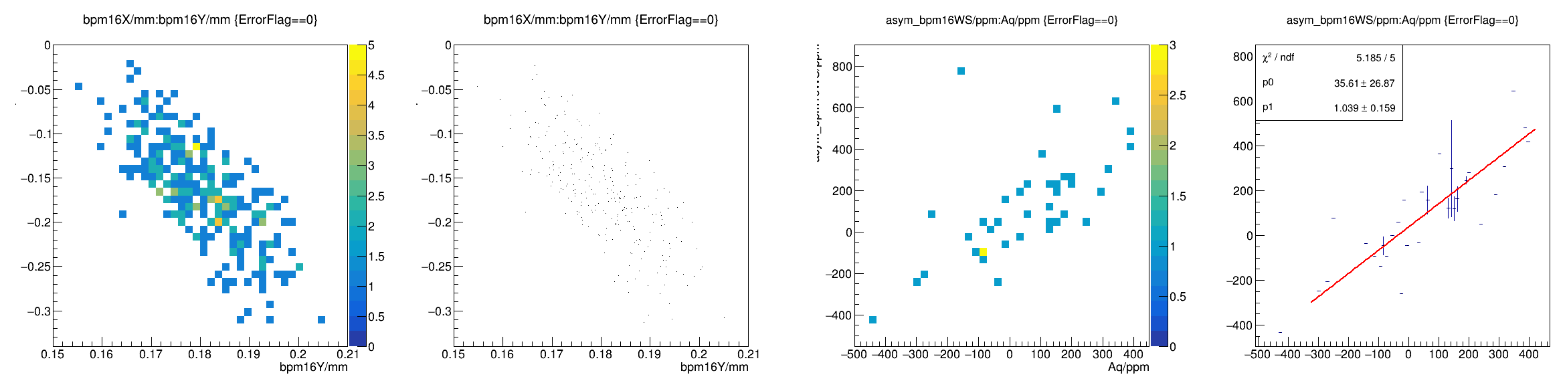


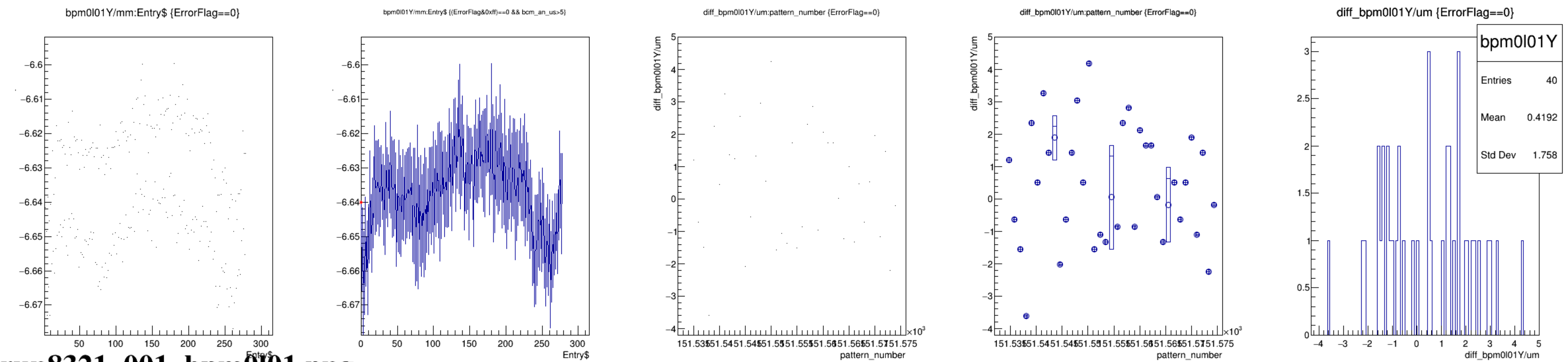
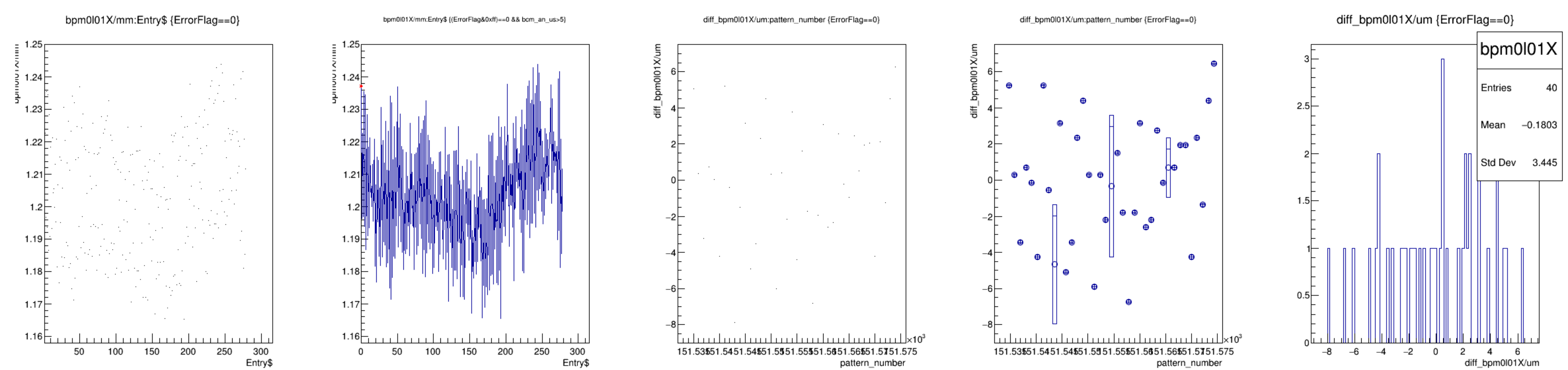


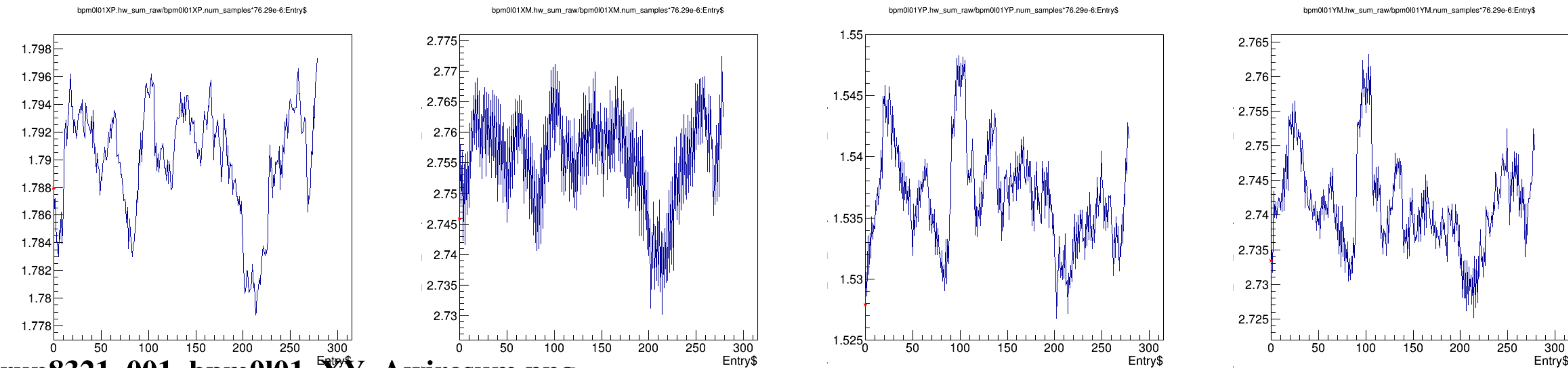
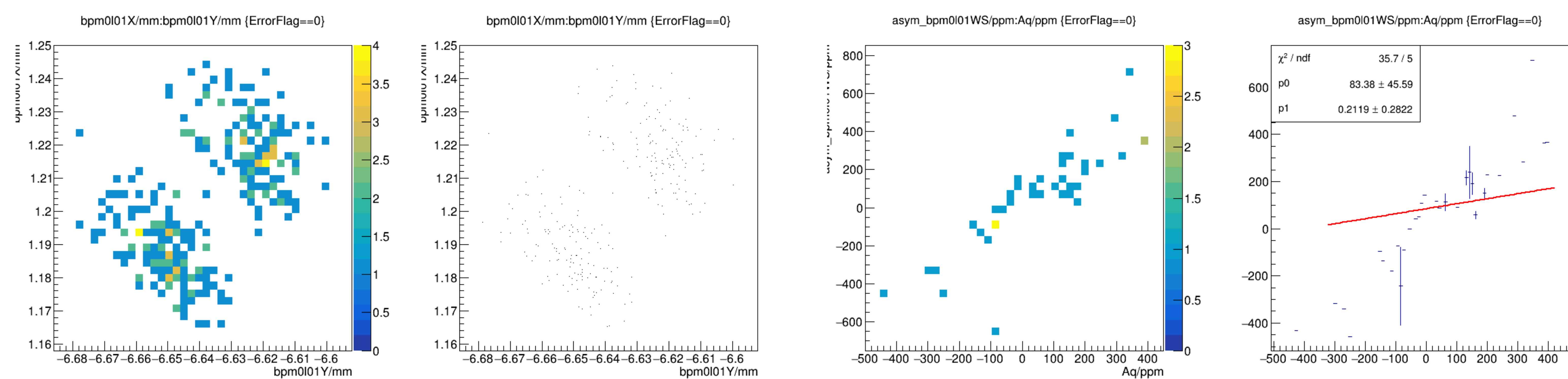




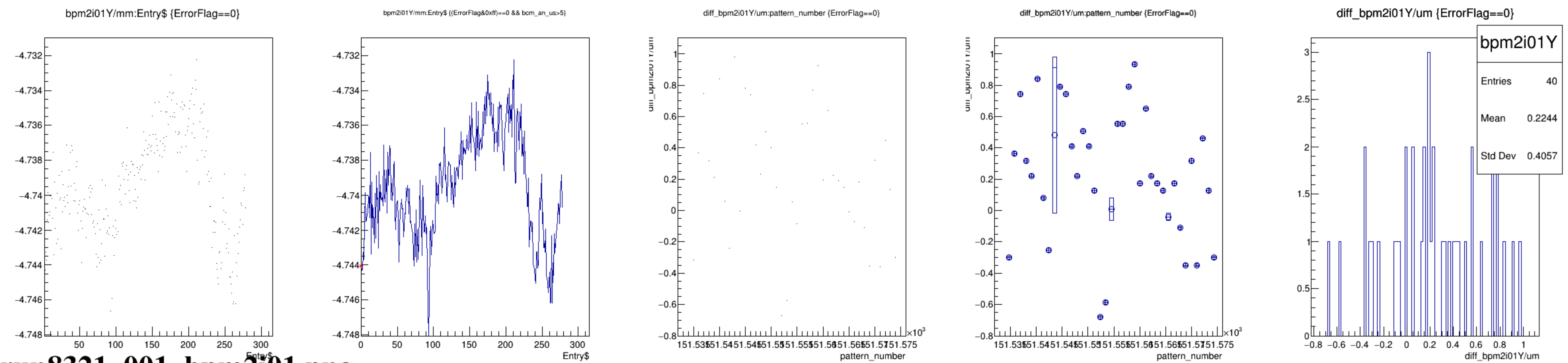
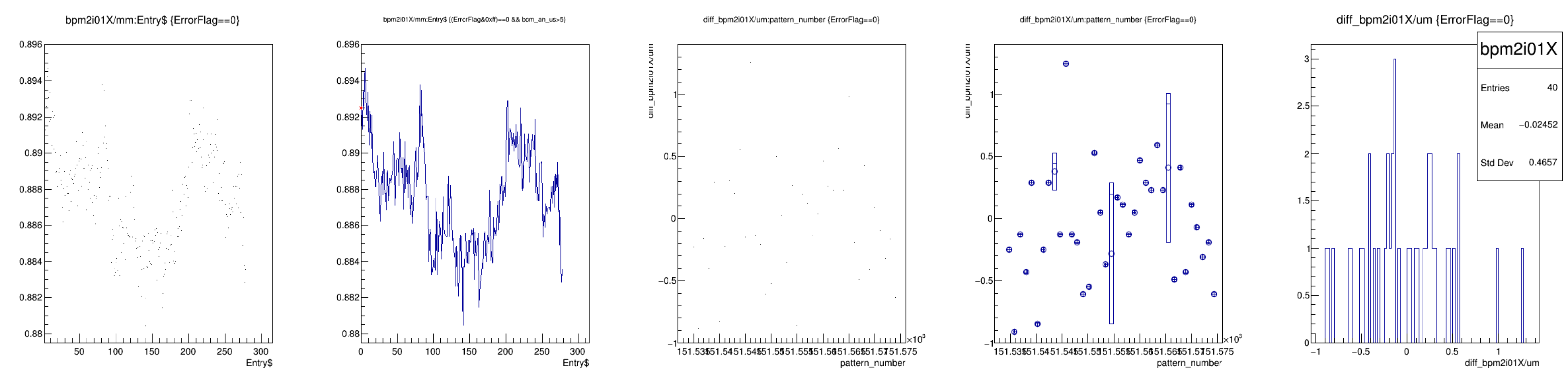




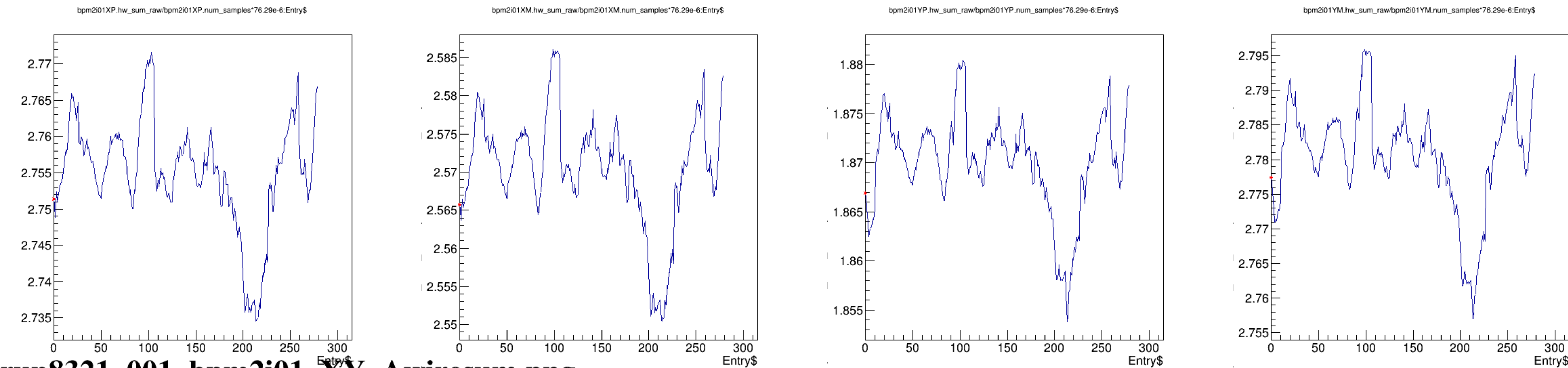
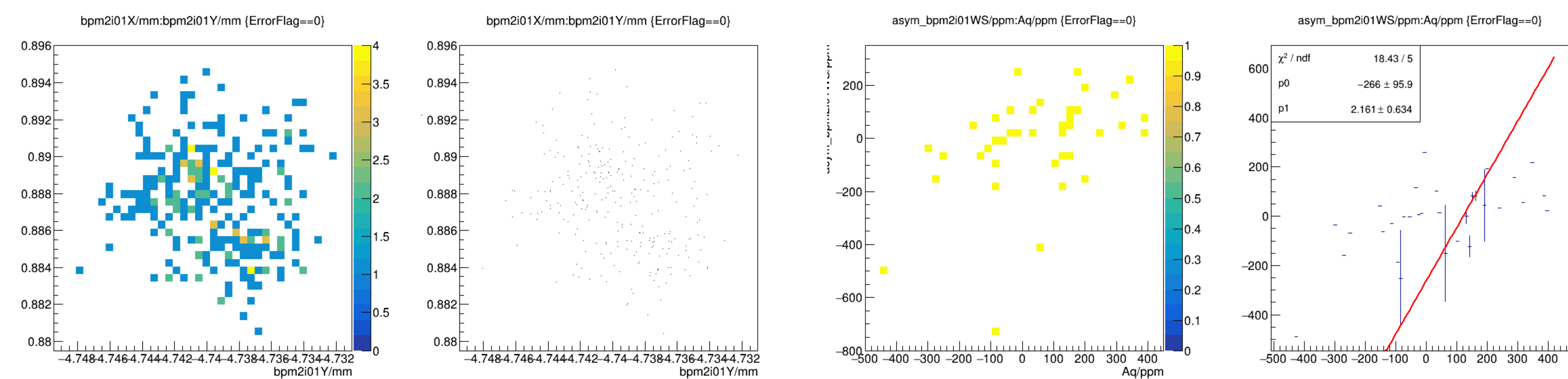




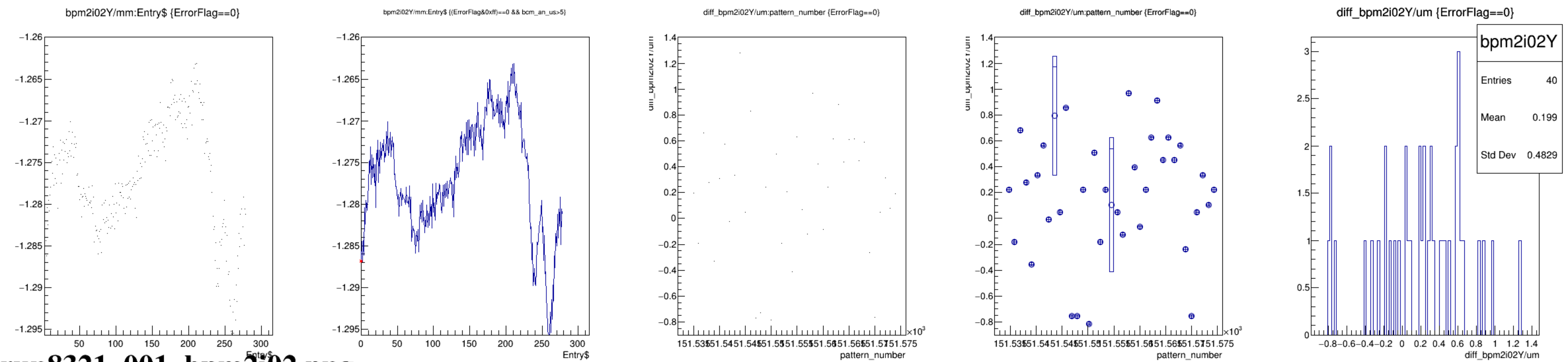
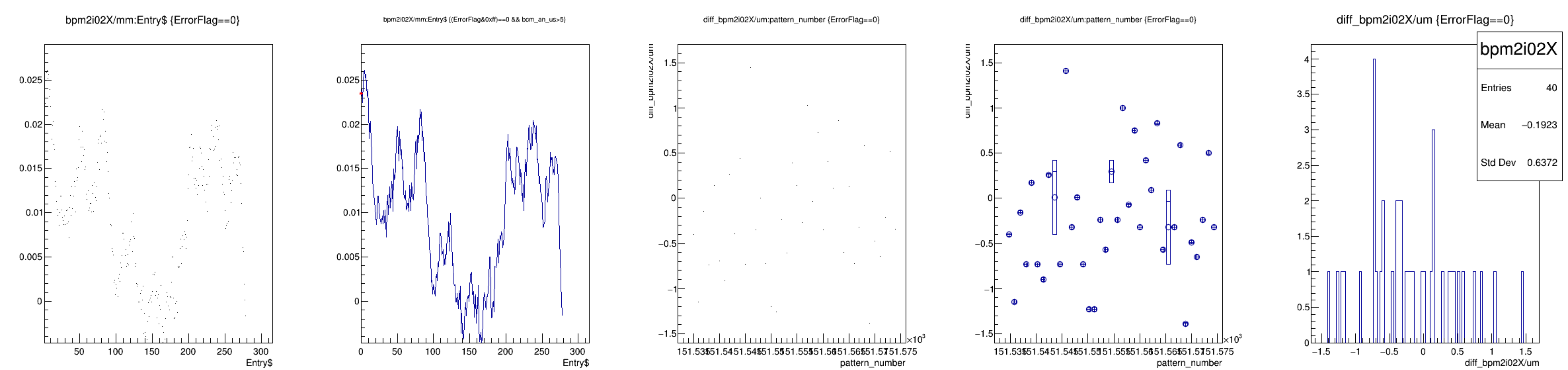
run8321_001_bpm0l01_XY_Awiresum.png



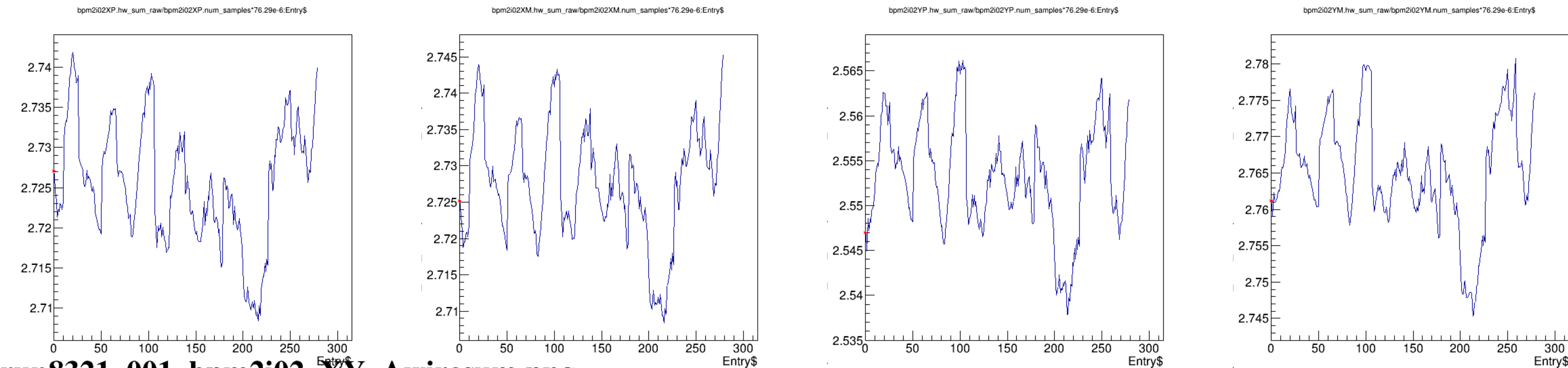
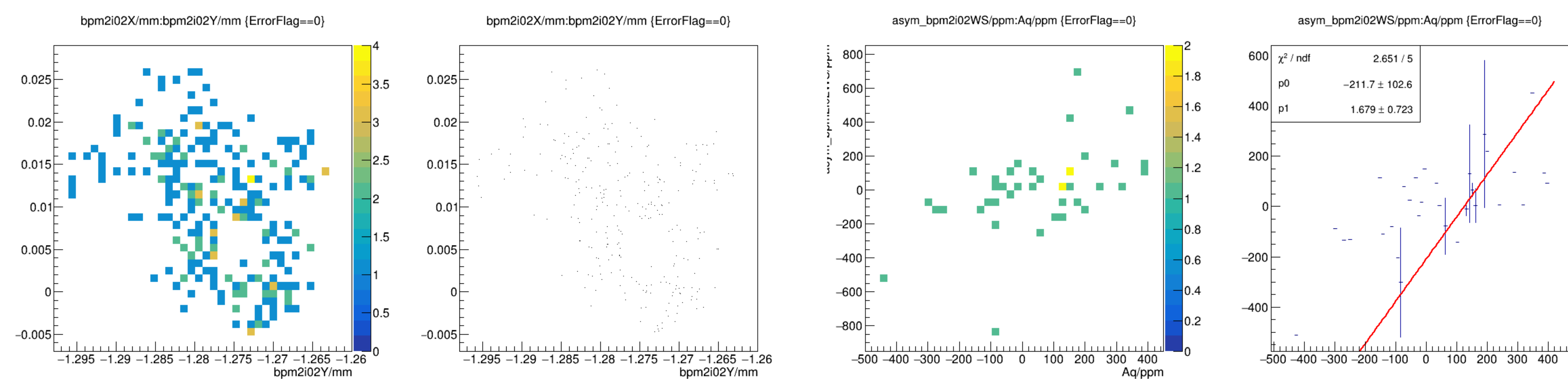
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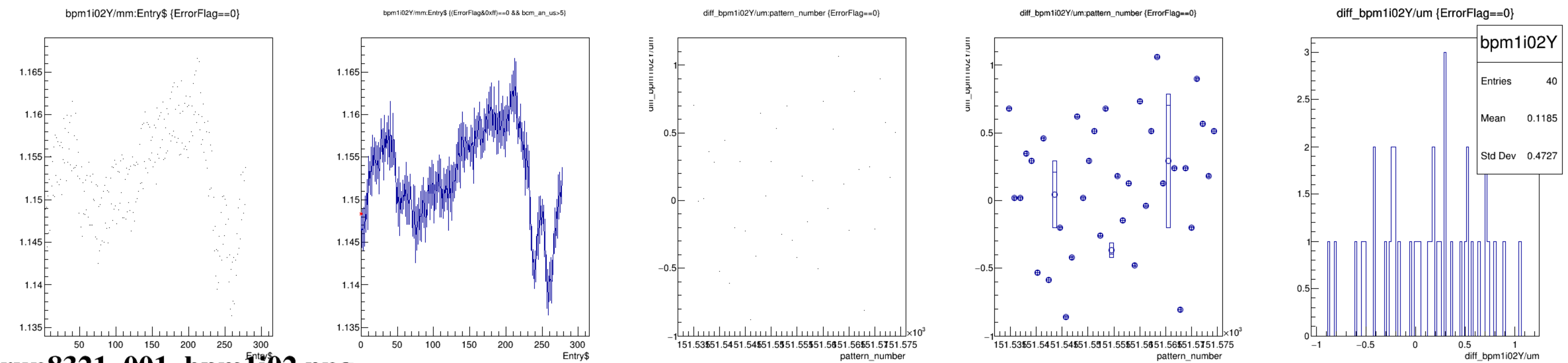
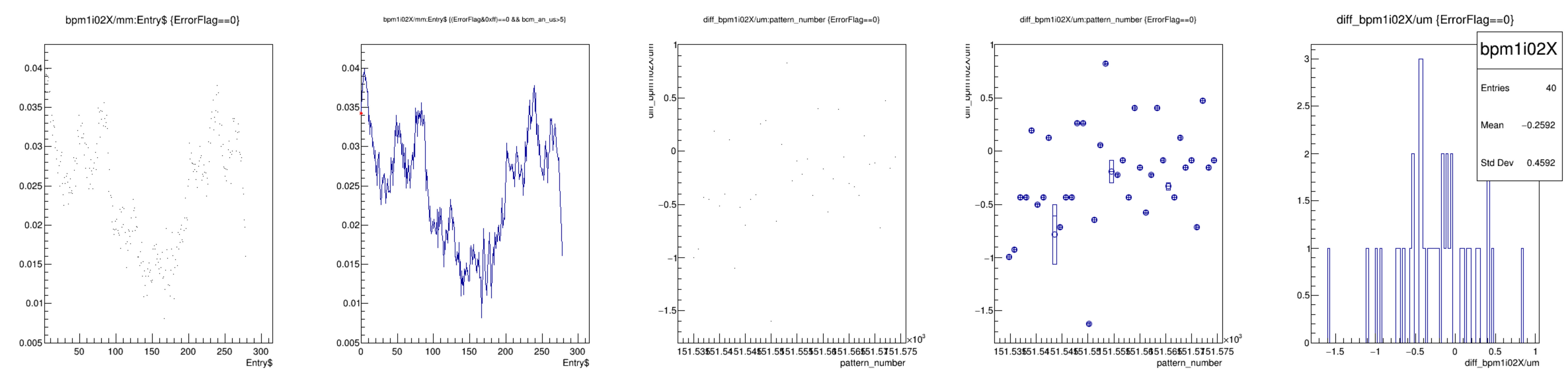
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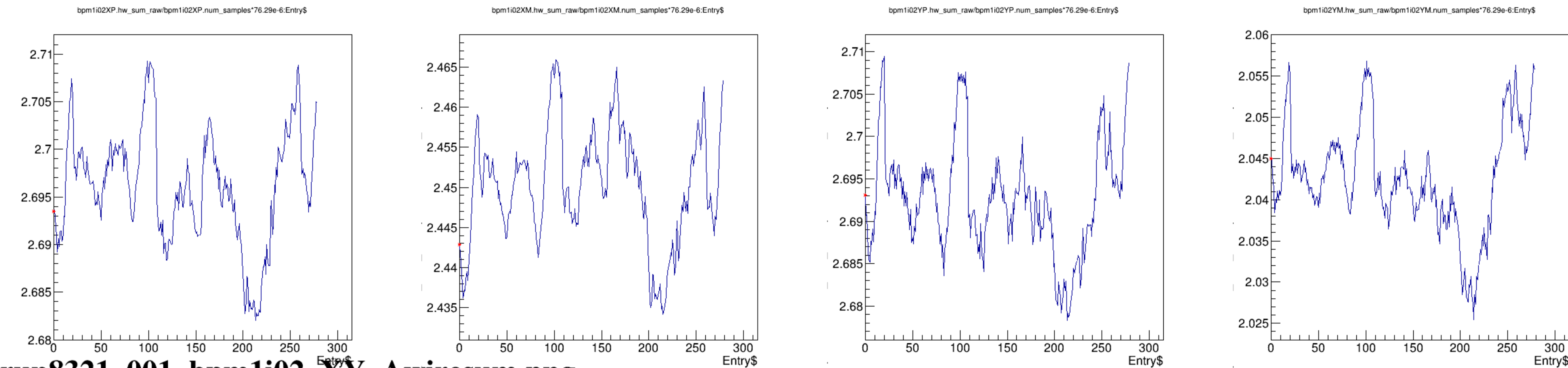
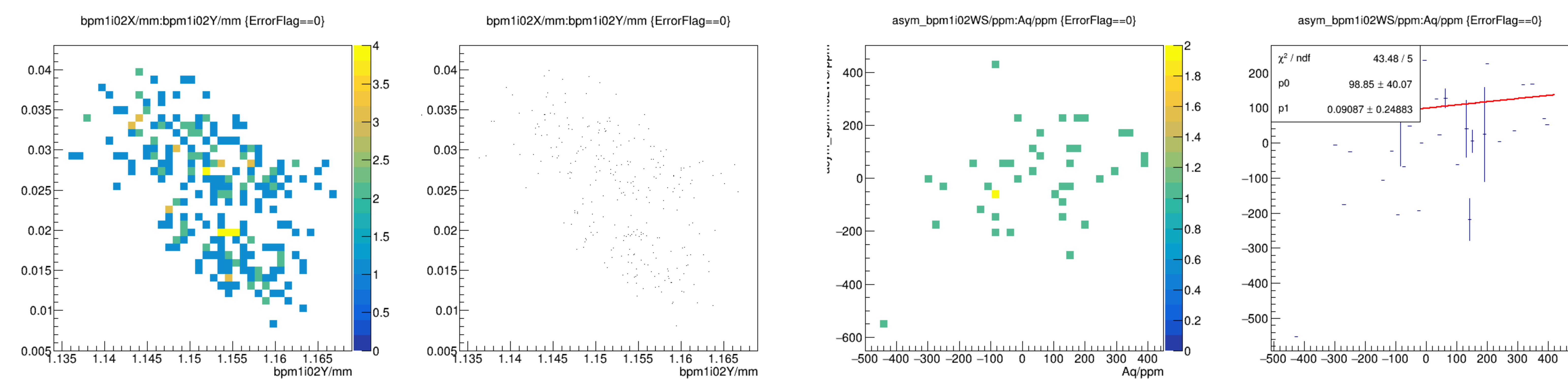
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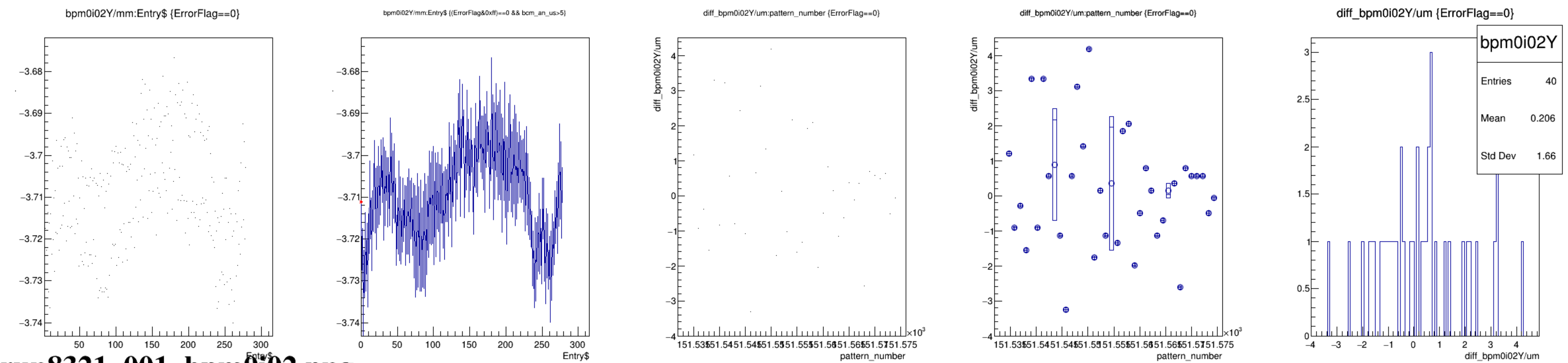
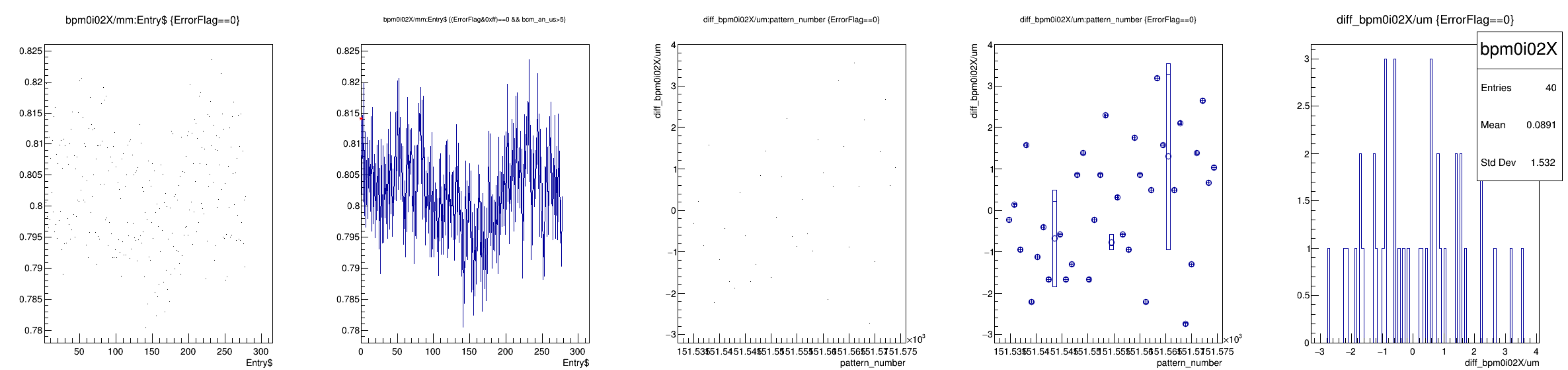
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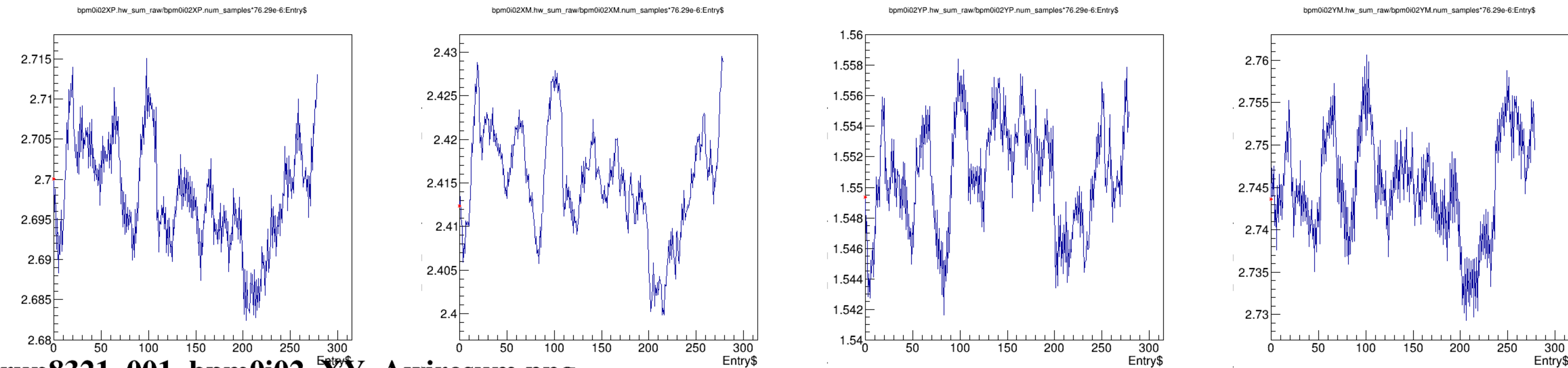
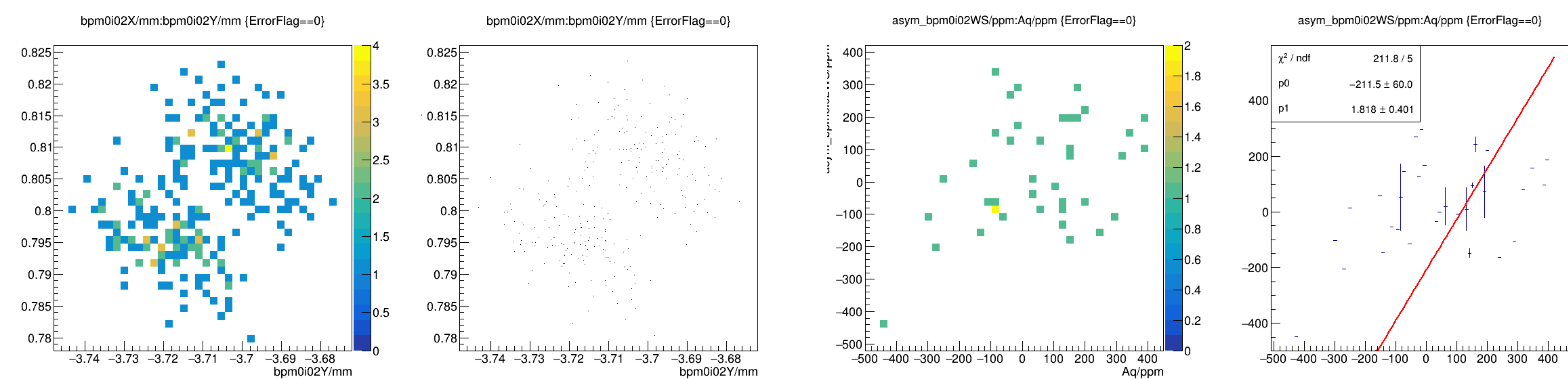


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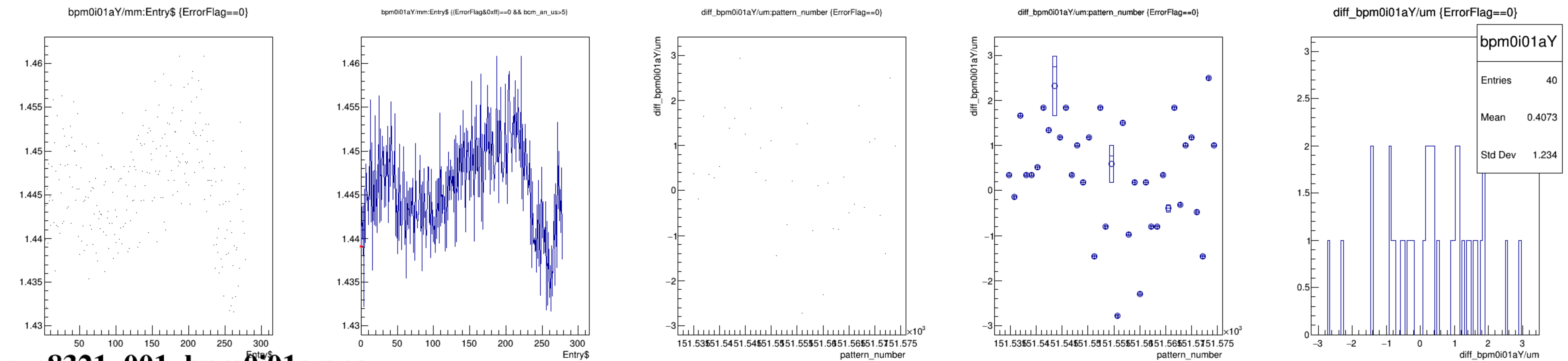
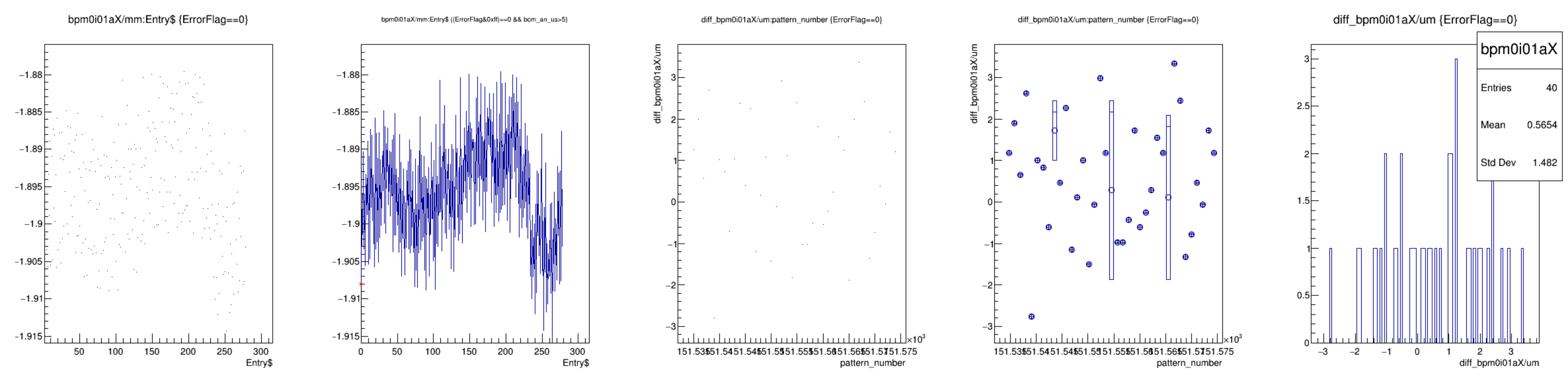


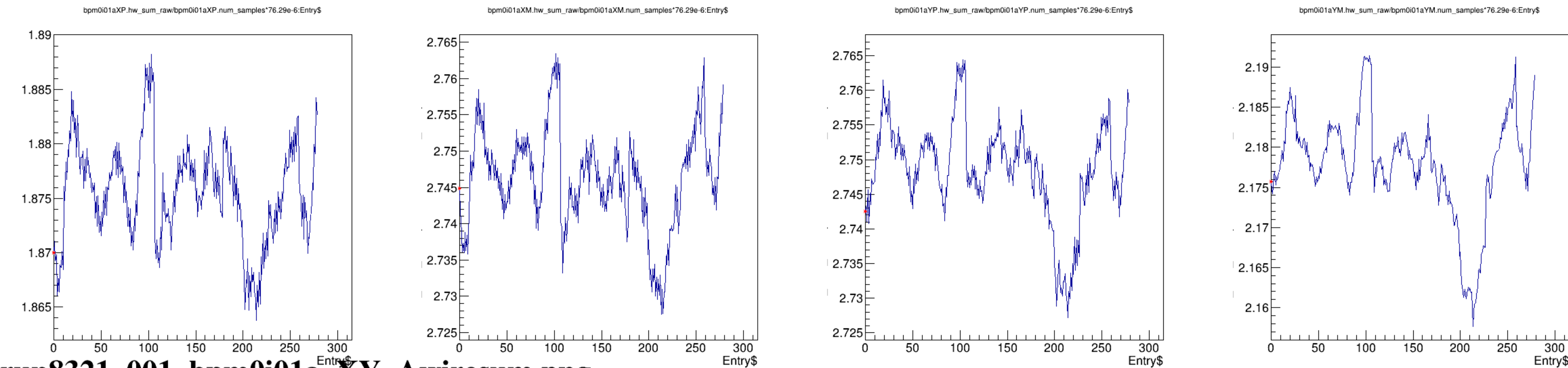
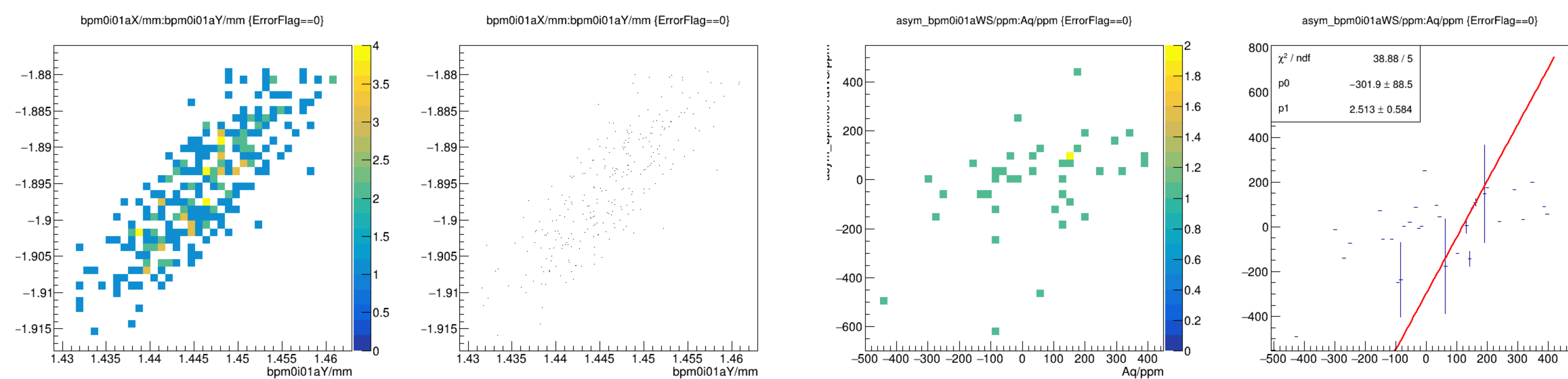
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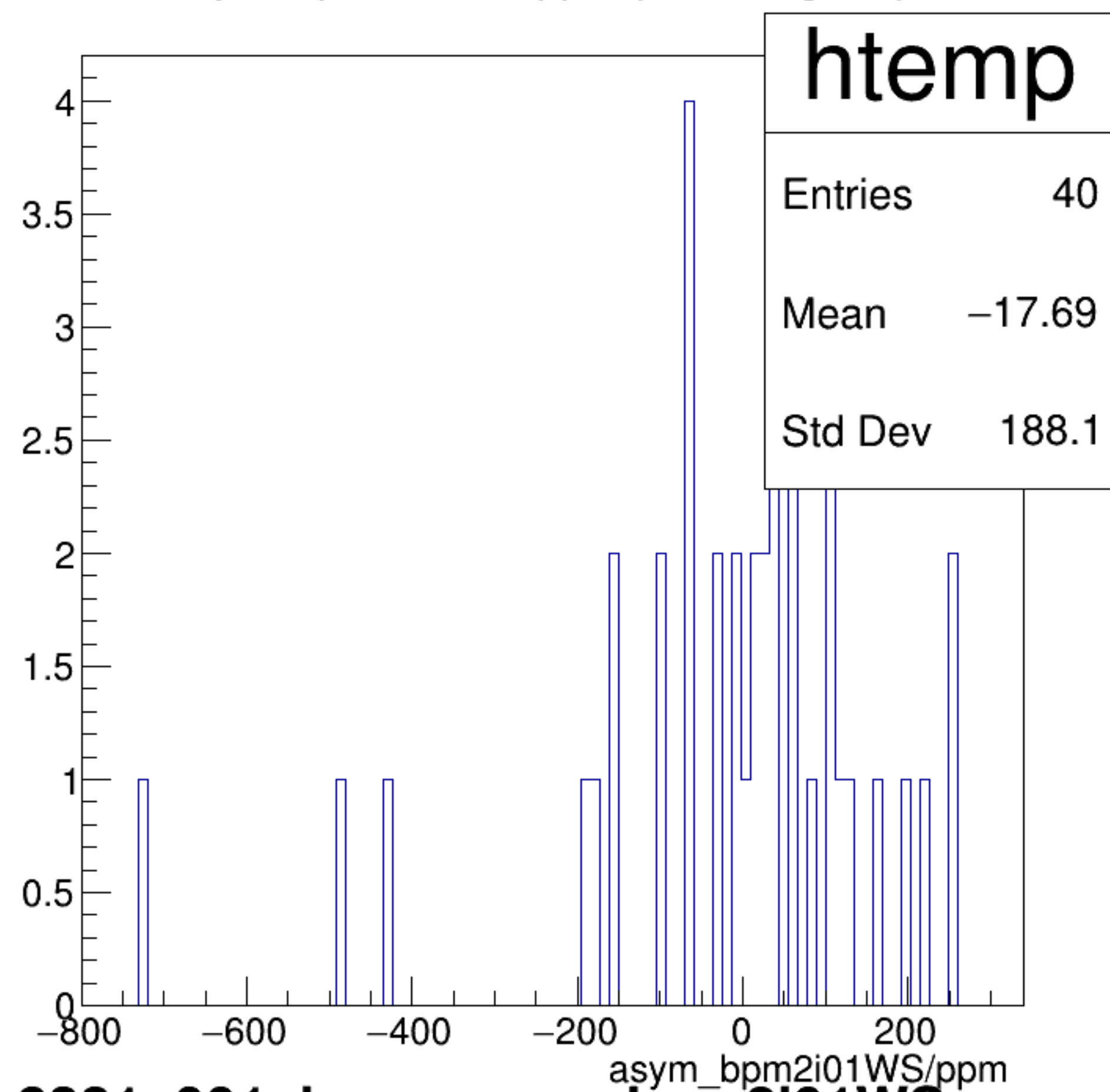
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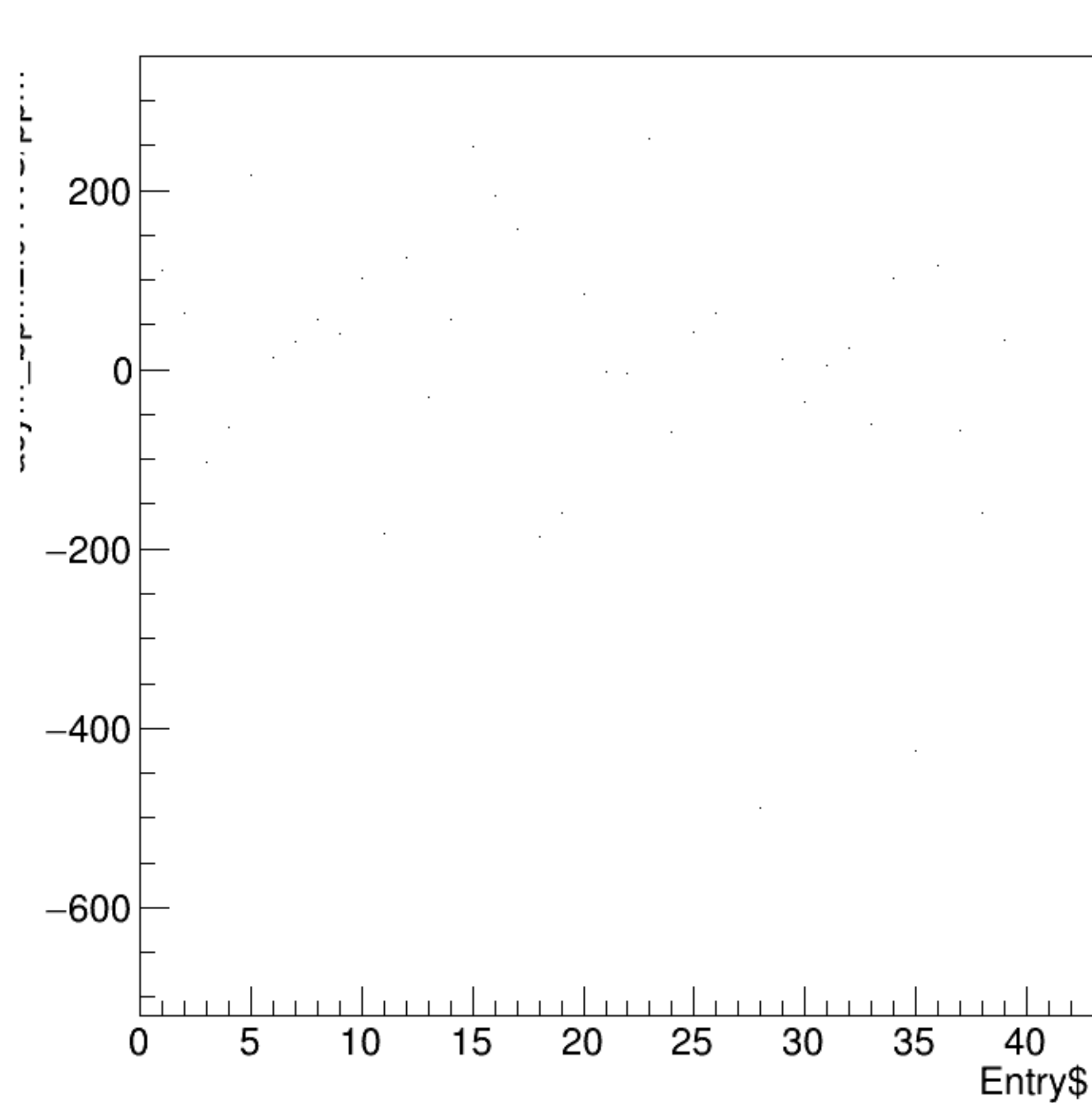
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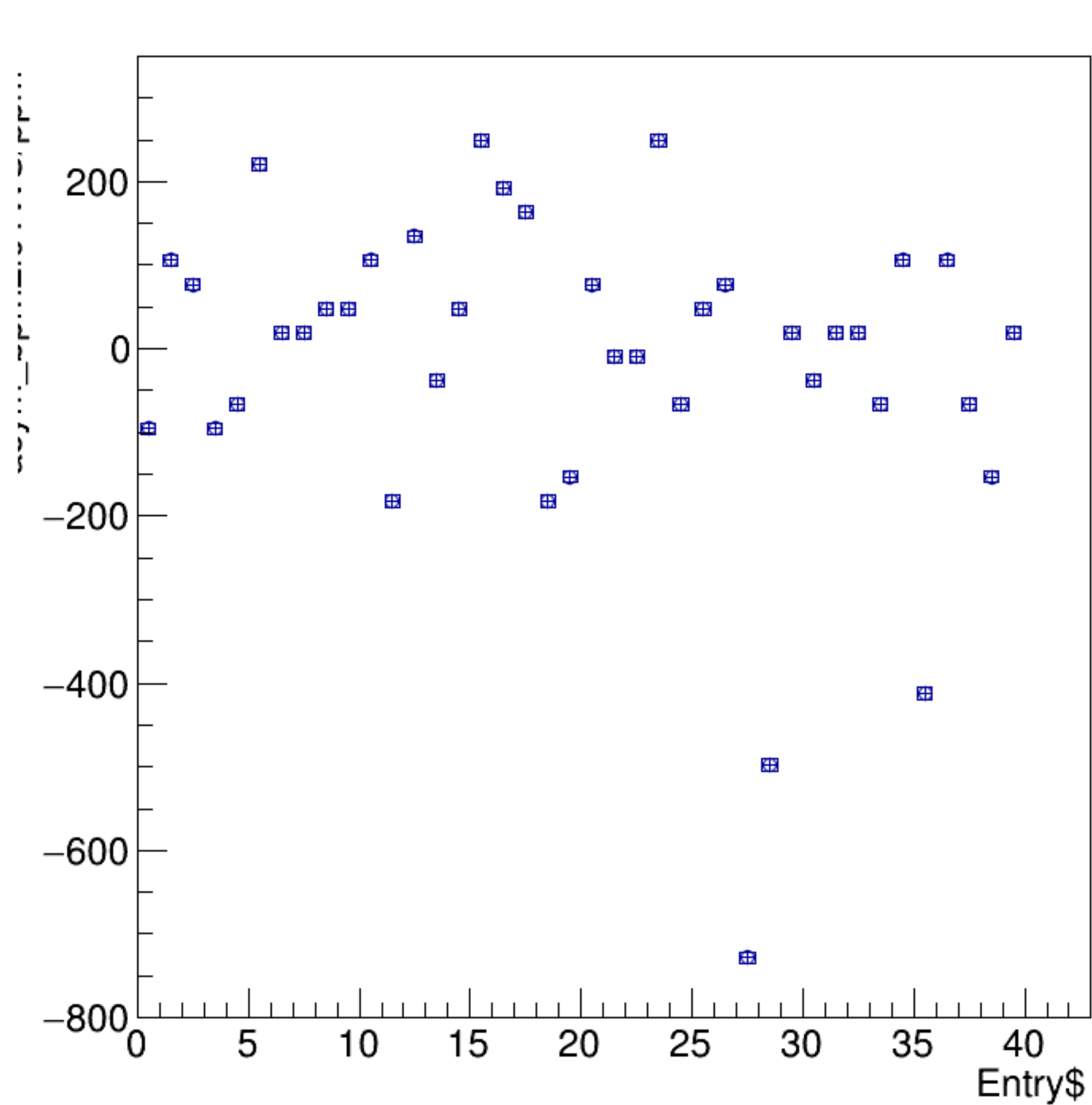


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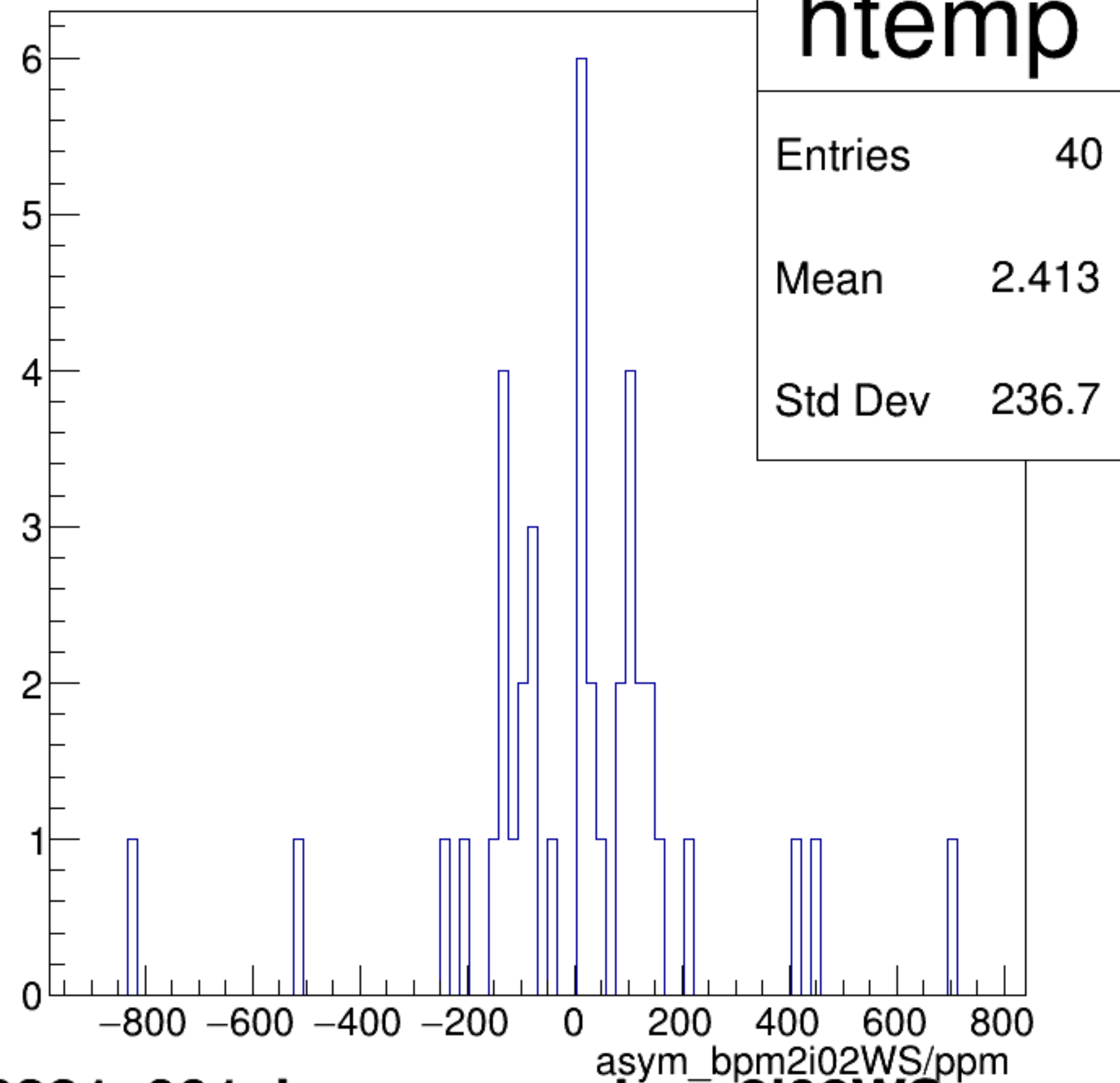
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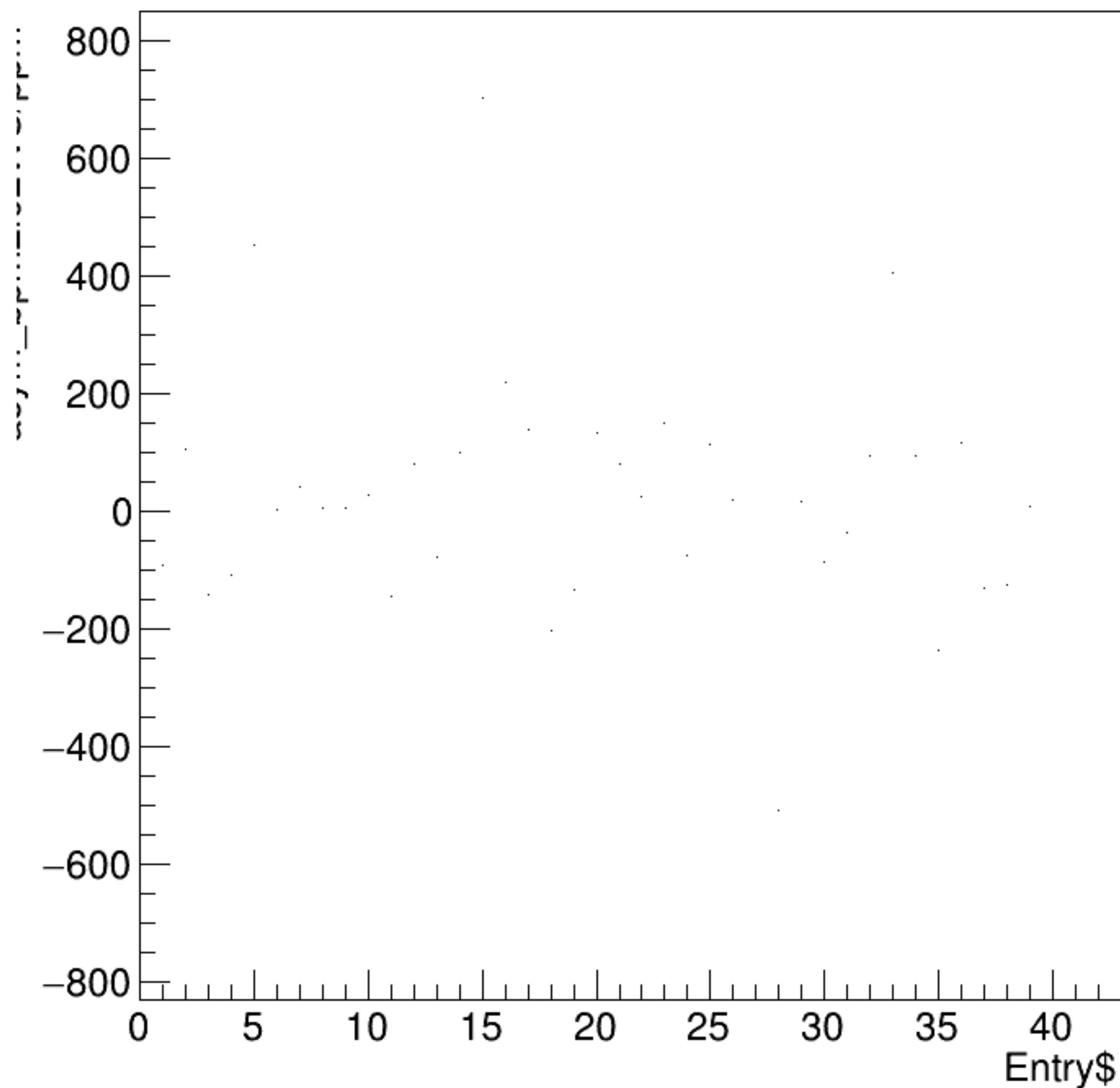
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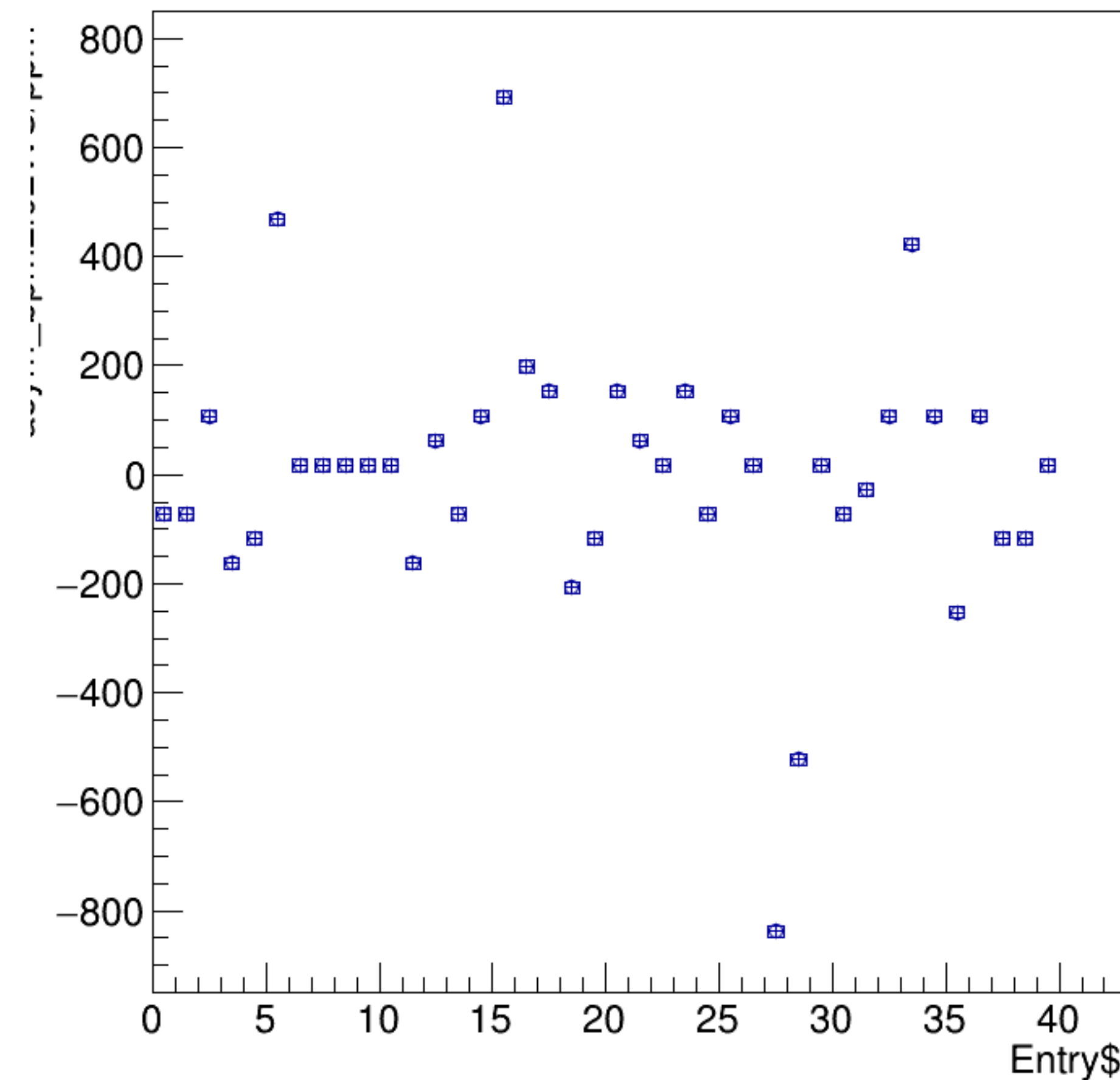
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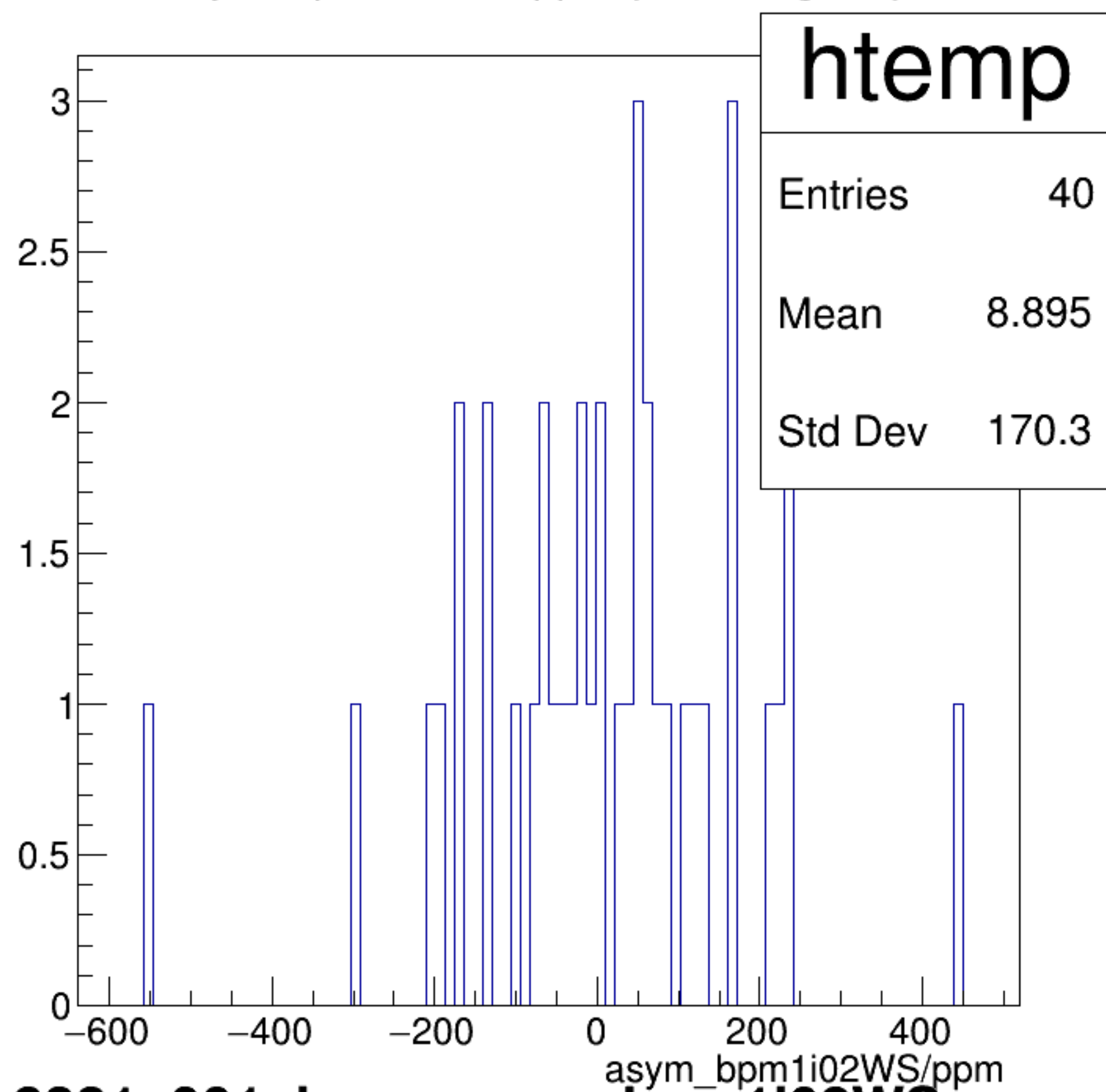
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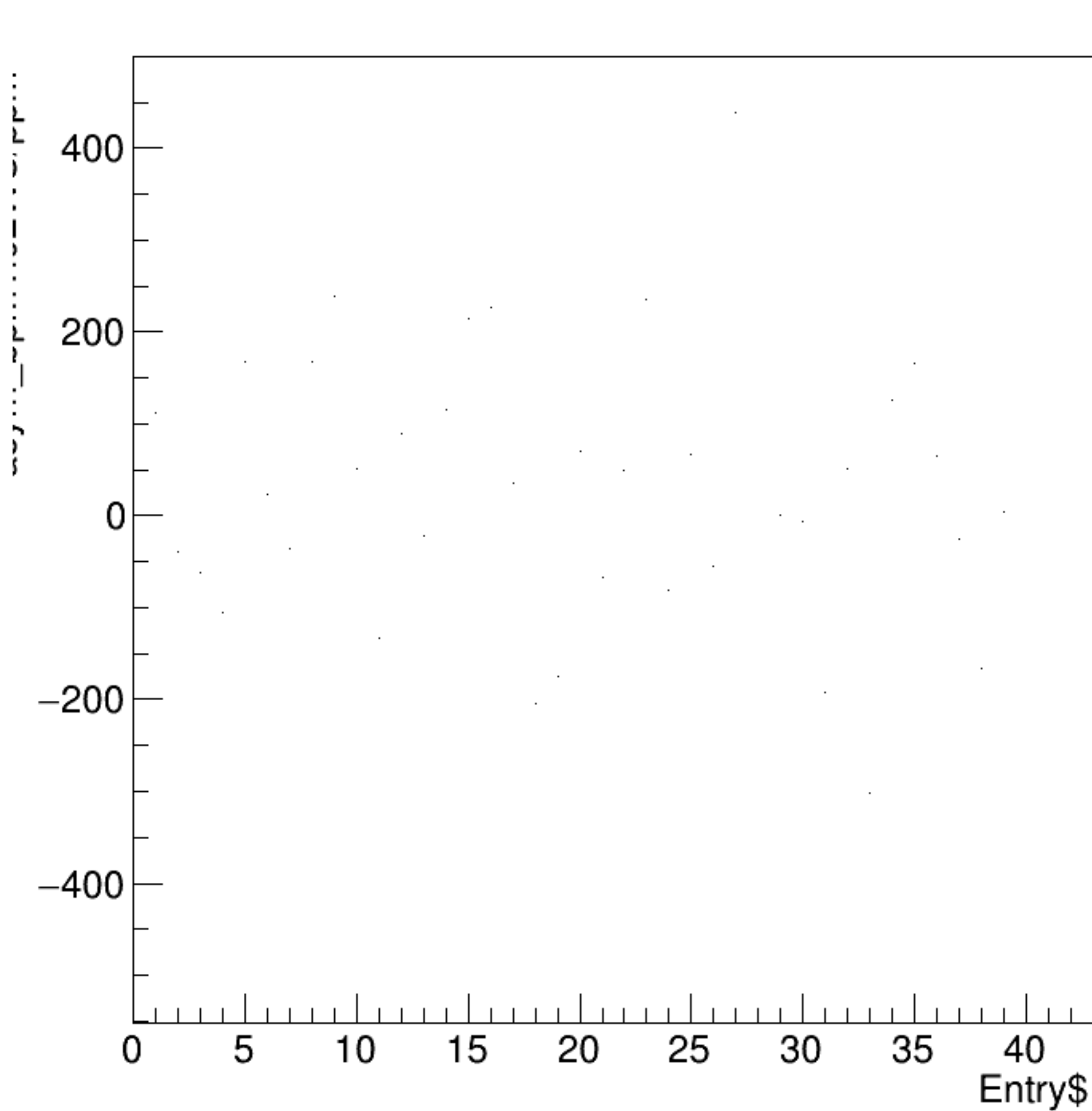


asym_bpm1i02WS/ppm {ErrorFlag==0}

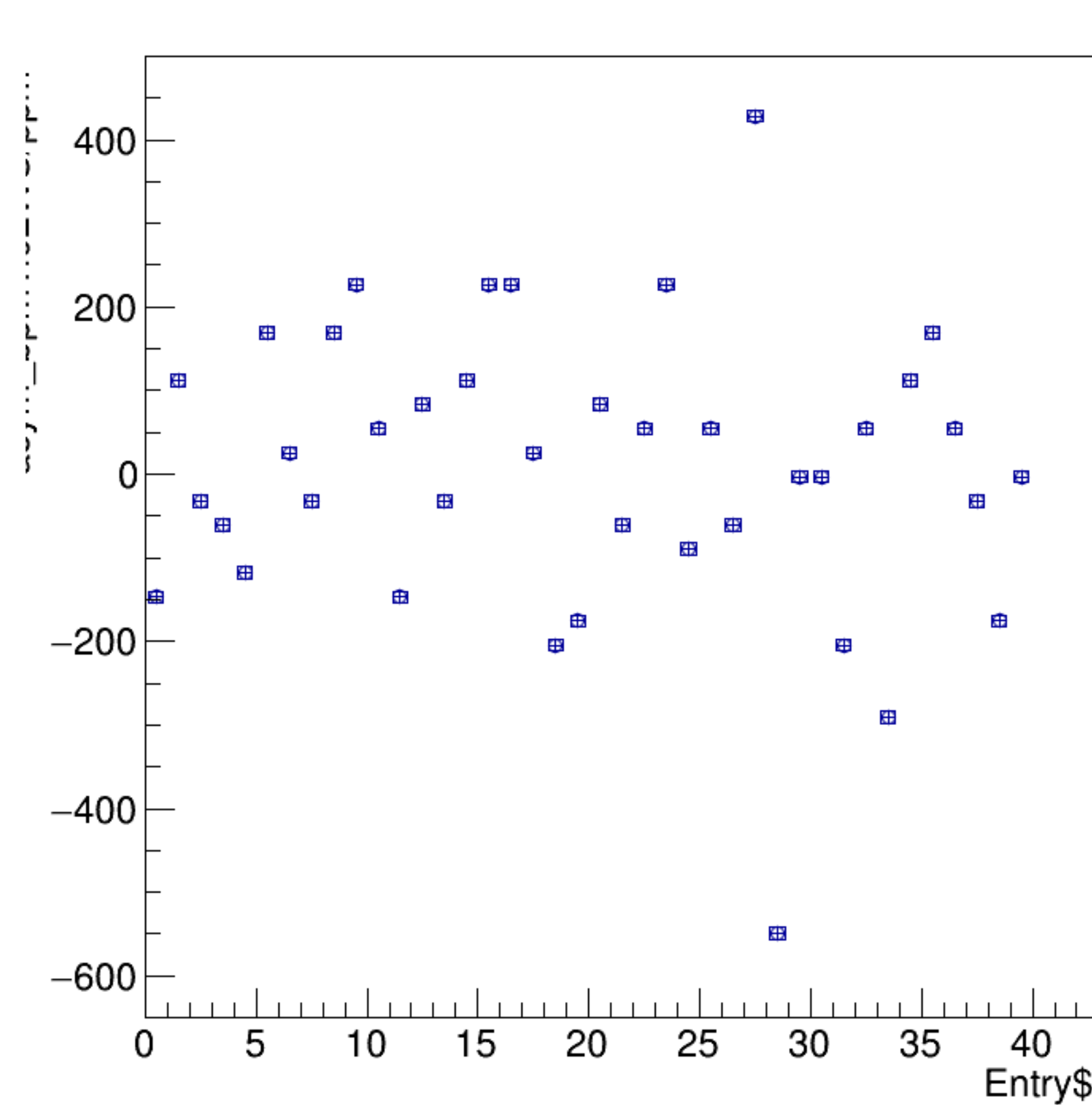


run8321_001_bpm_asym_bpm1i02WS.png

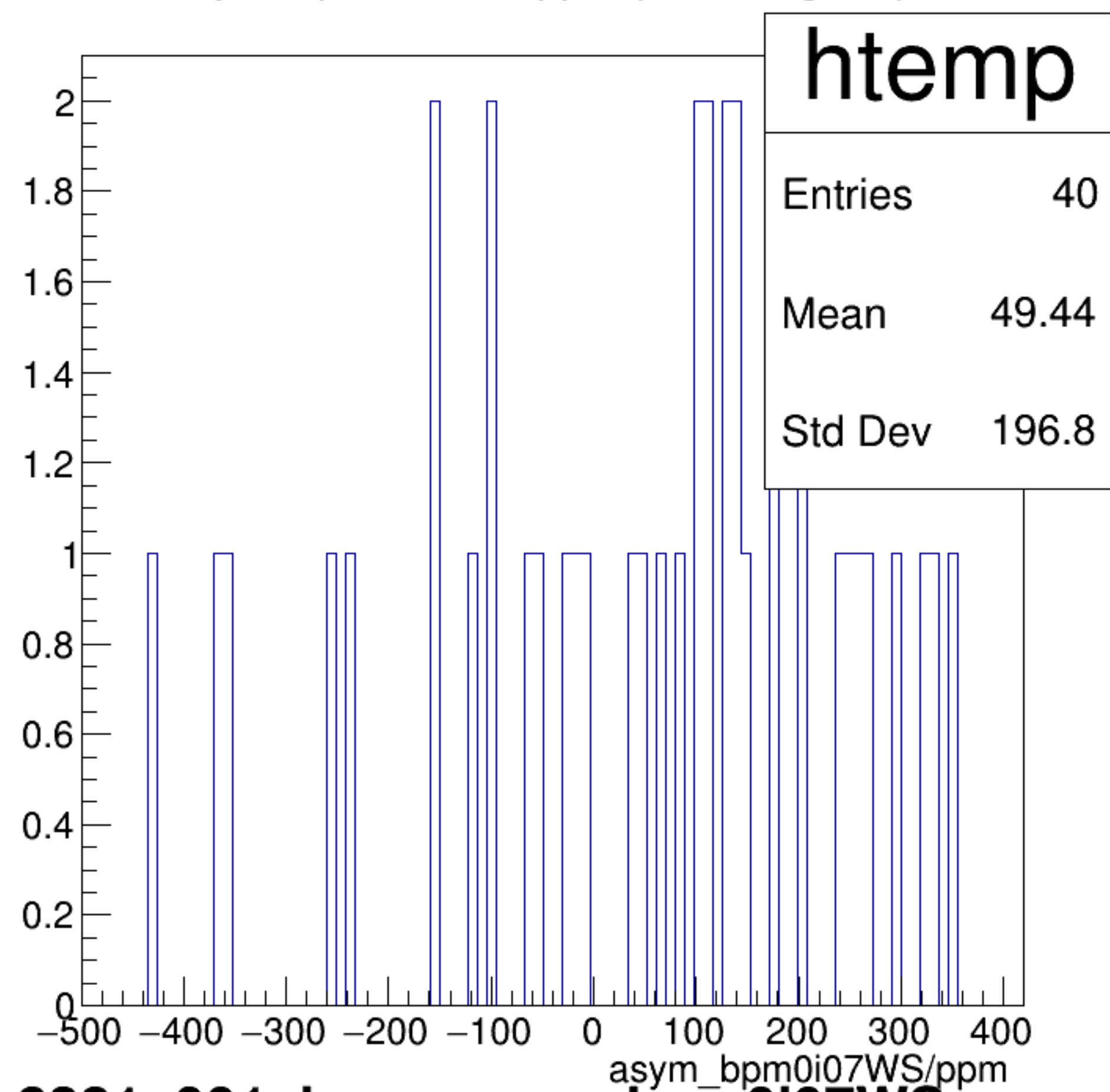
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asym_bpm1i02WS/ppm:Entry\$ {ErrorFlag==0}

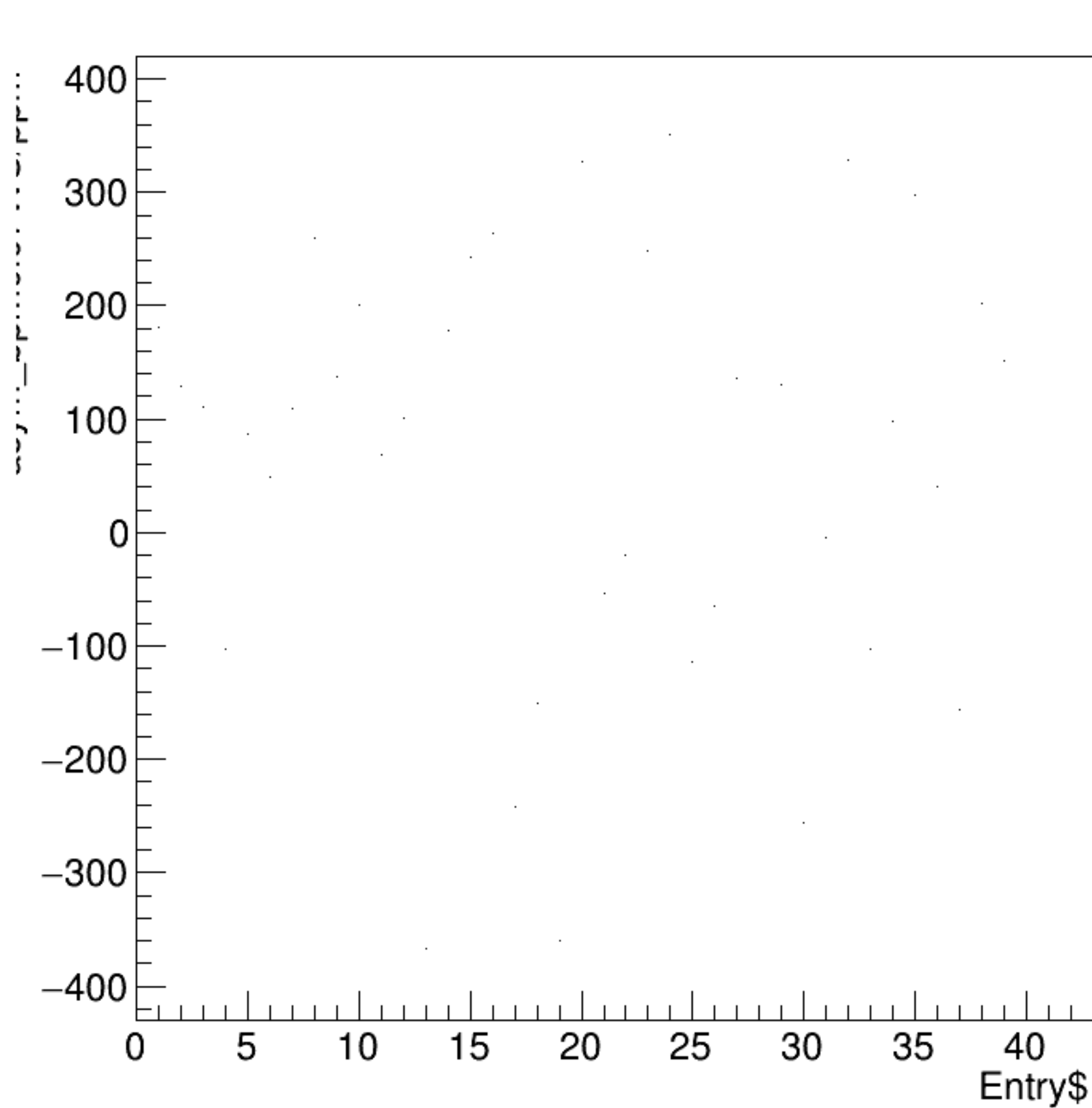


asym_bpm0i07WS/ppm {ErrorFlag==0}

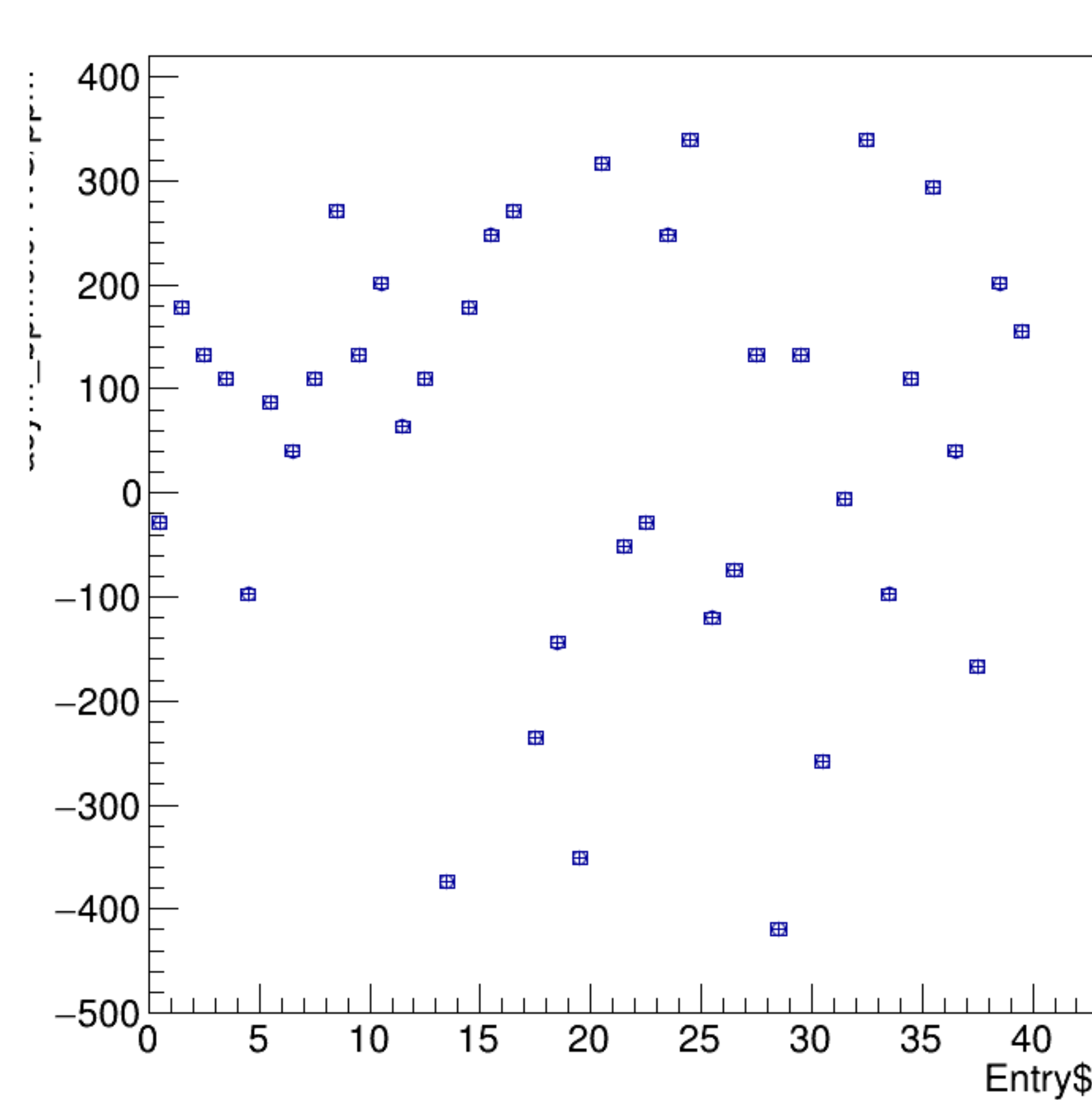


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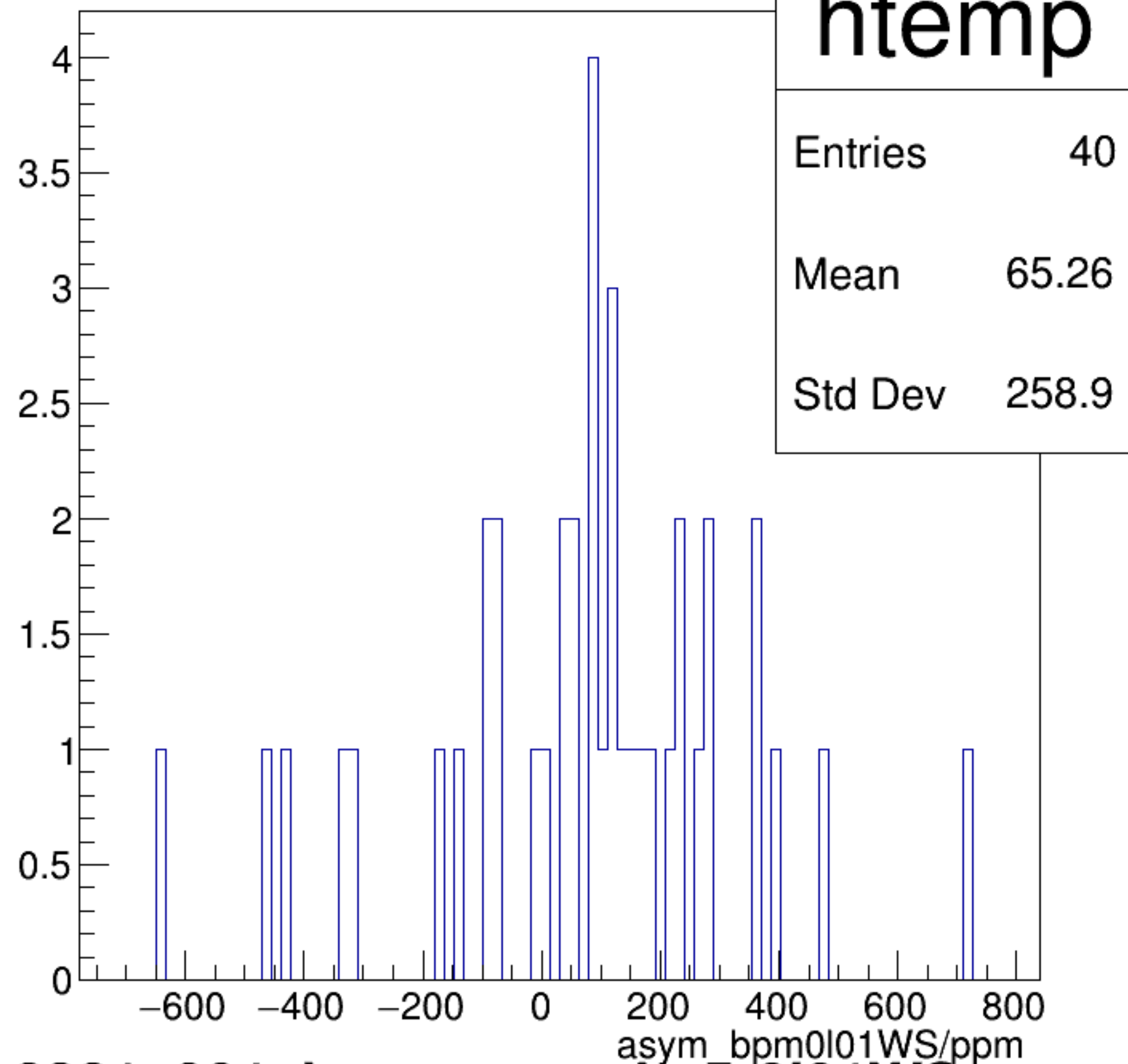
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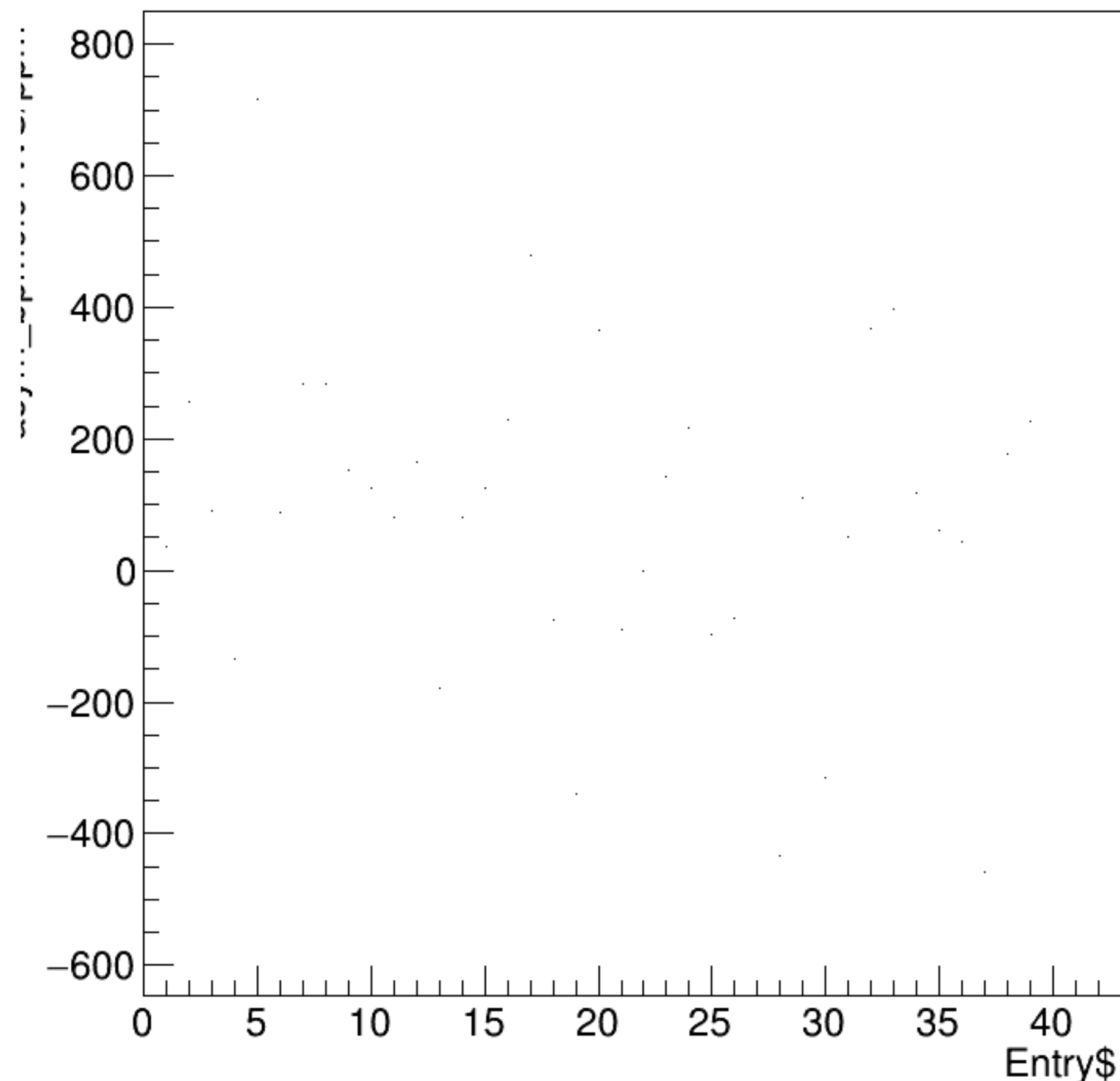
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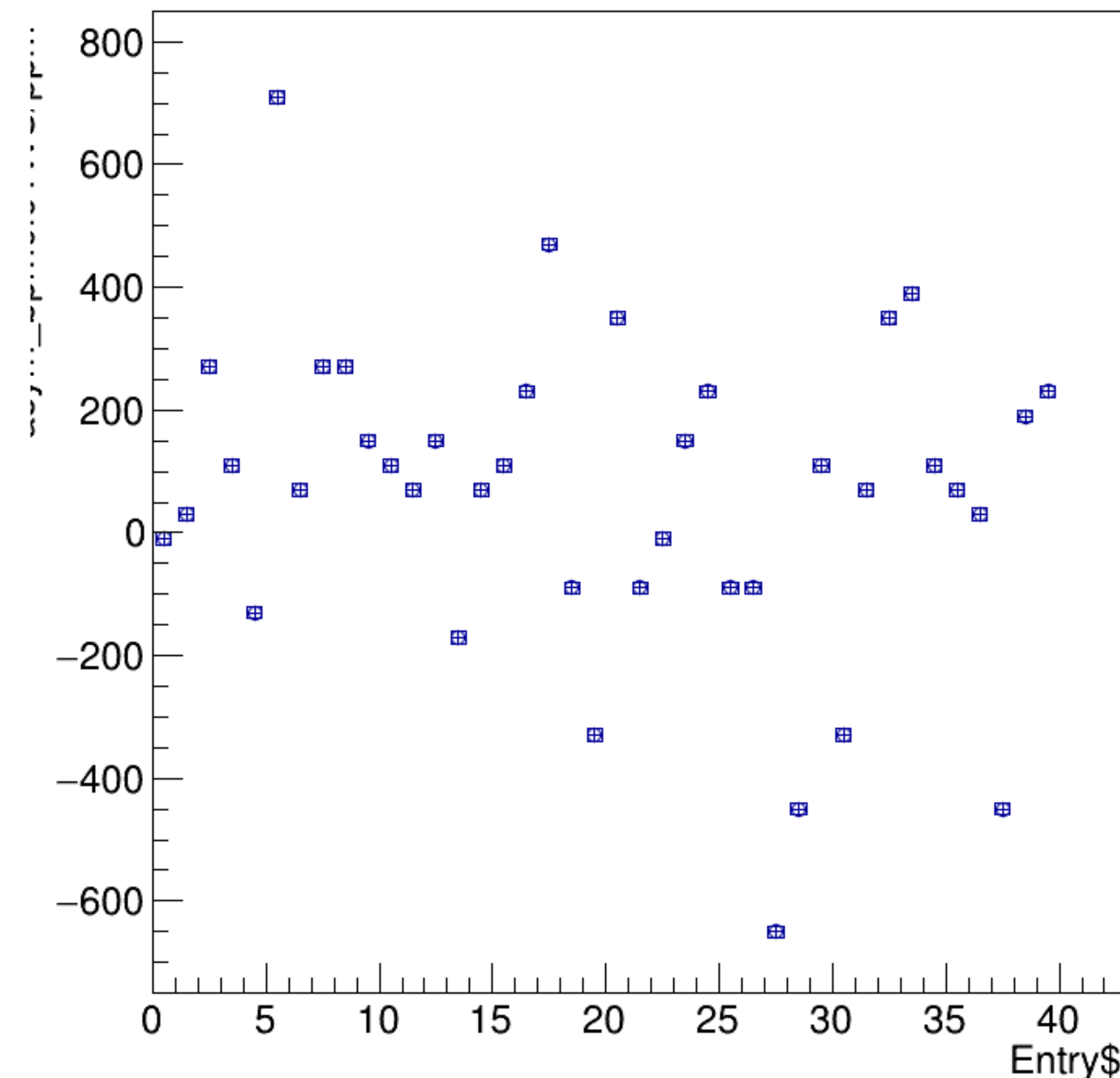
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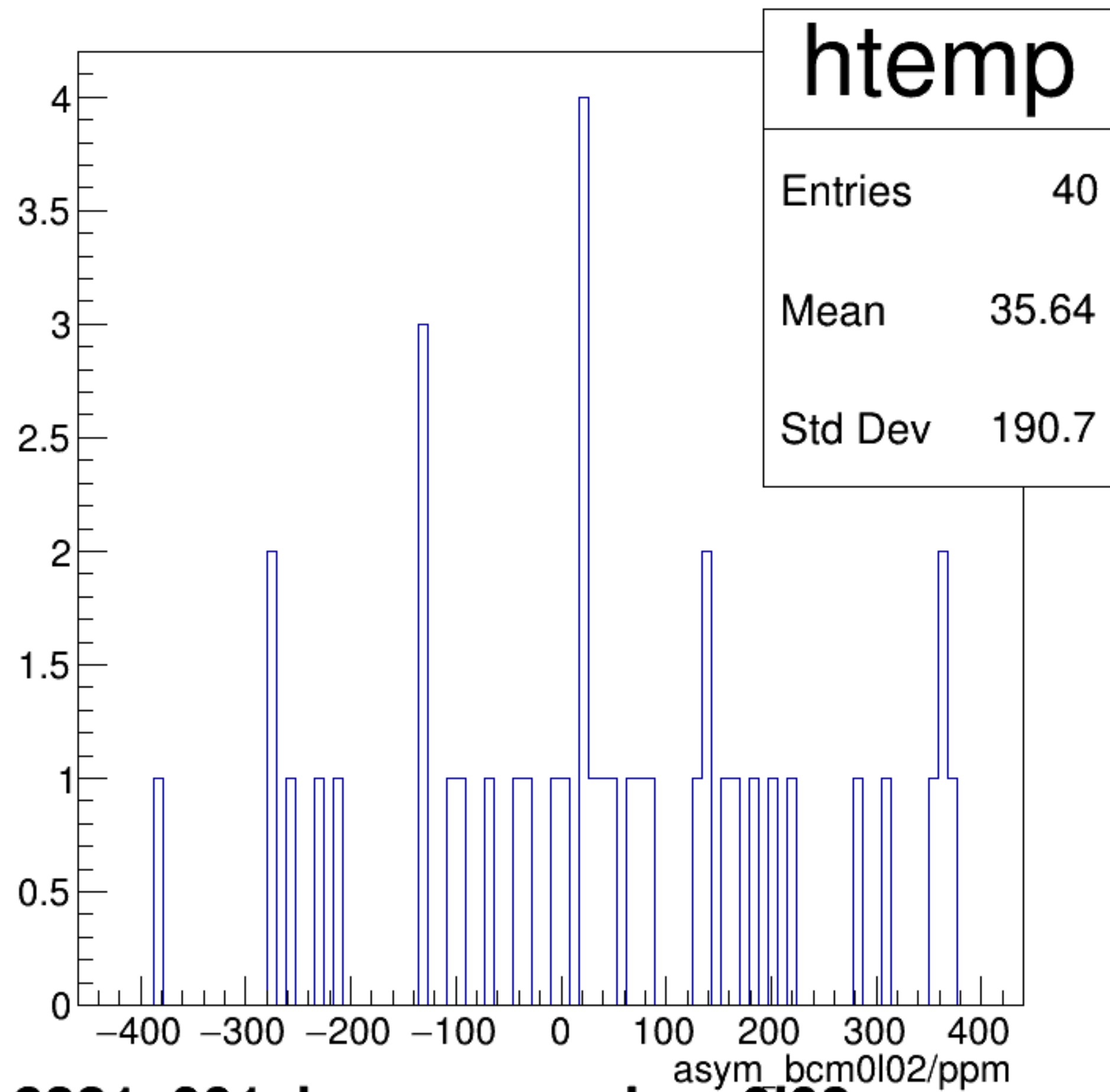
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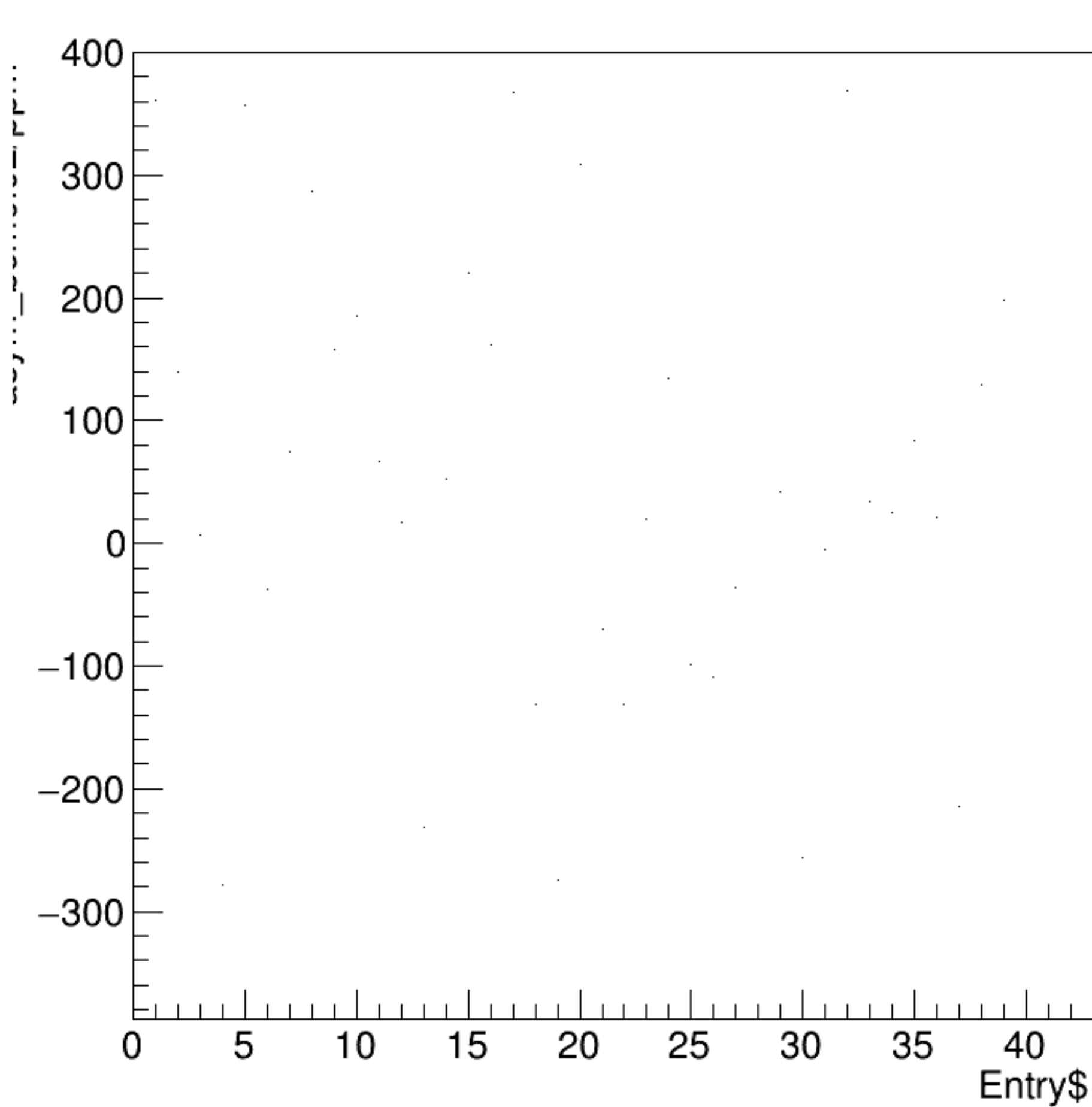


asym_bcm0l02/ppm {ErrorFlag==0}

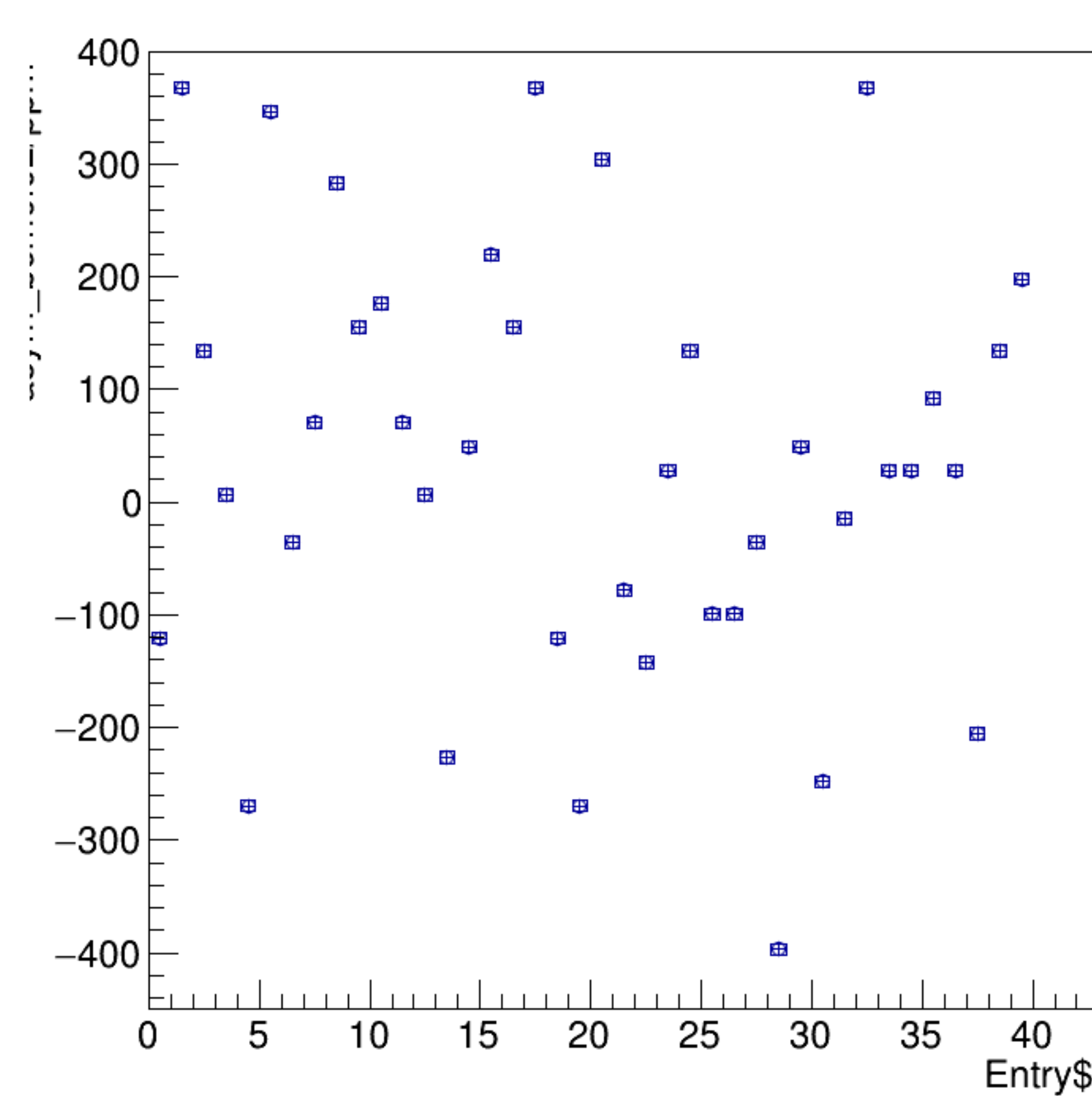


run8321_001_bpm_asym_bcm0l02.png

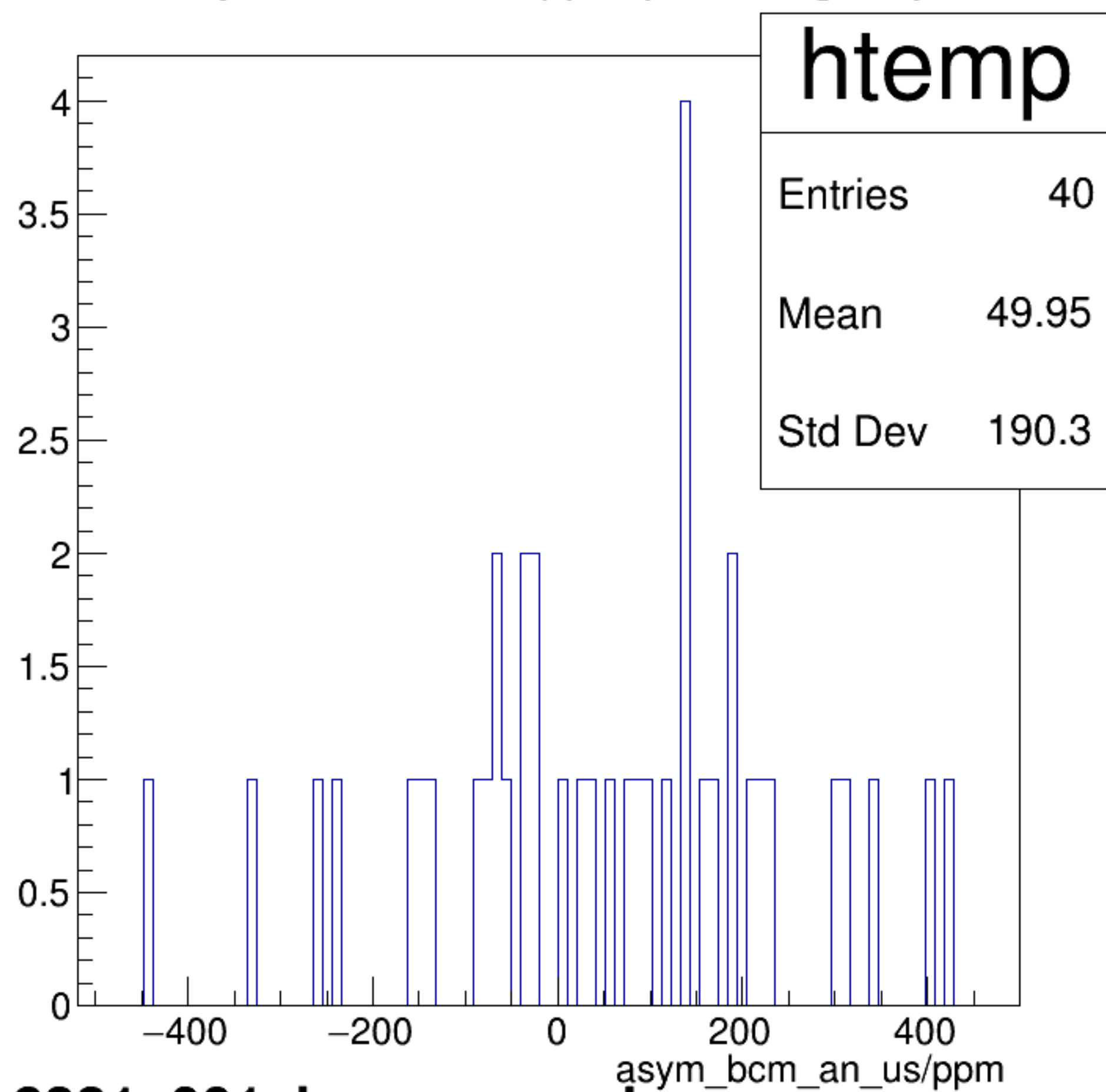
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



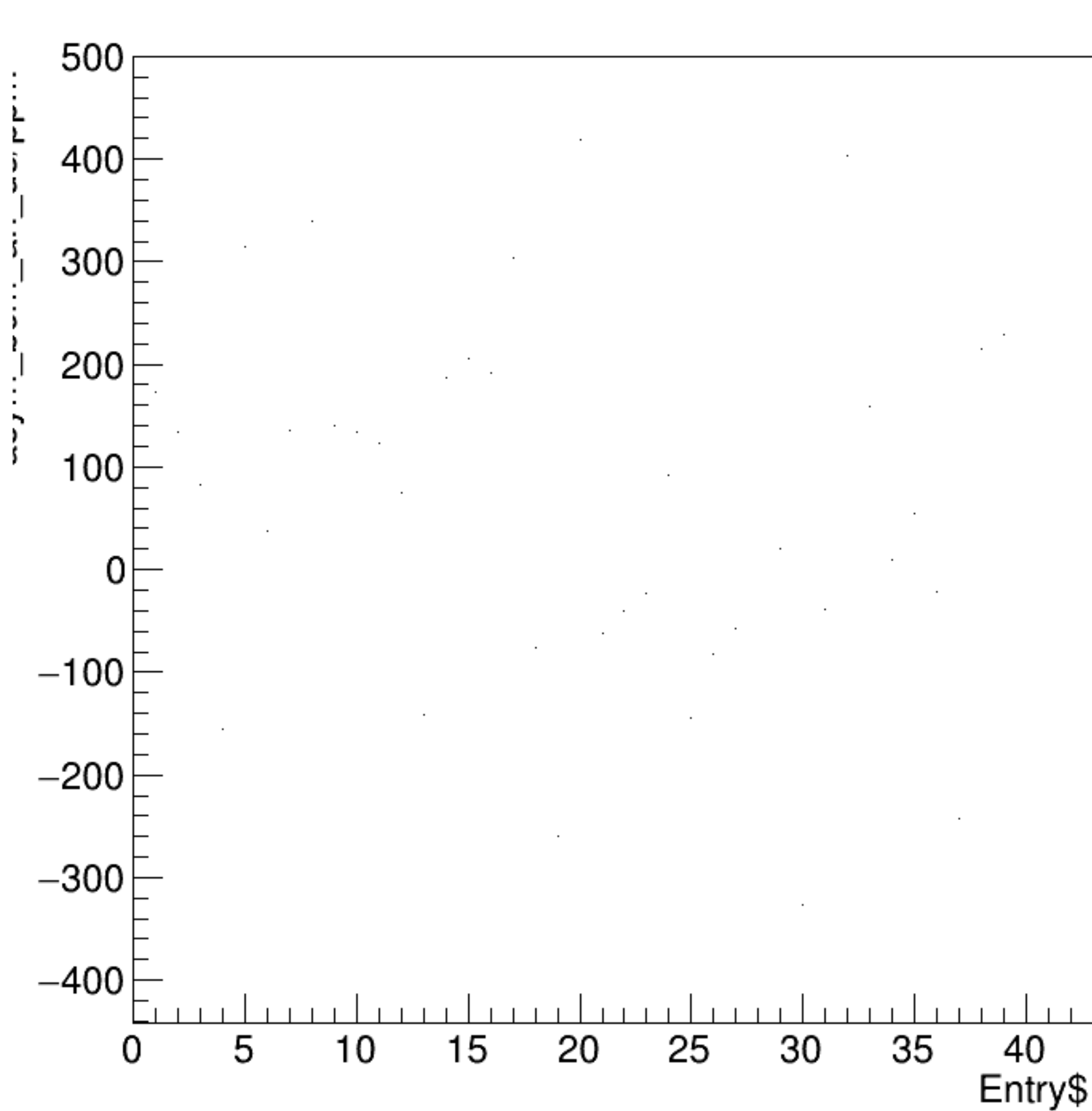
asym_bcm0l02/ppm:Entry\$ {ErrorFlag==0}



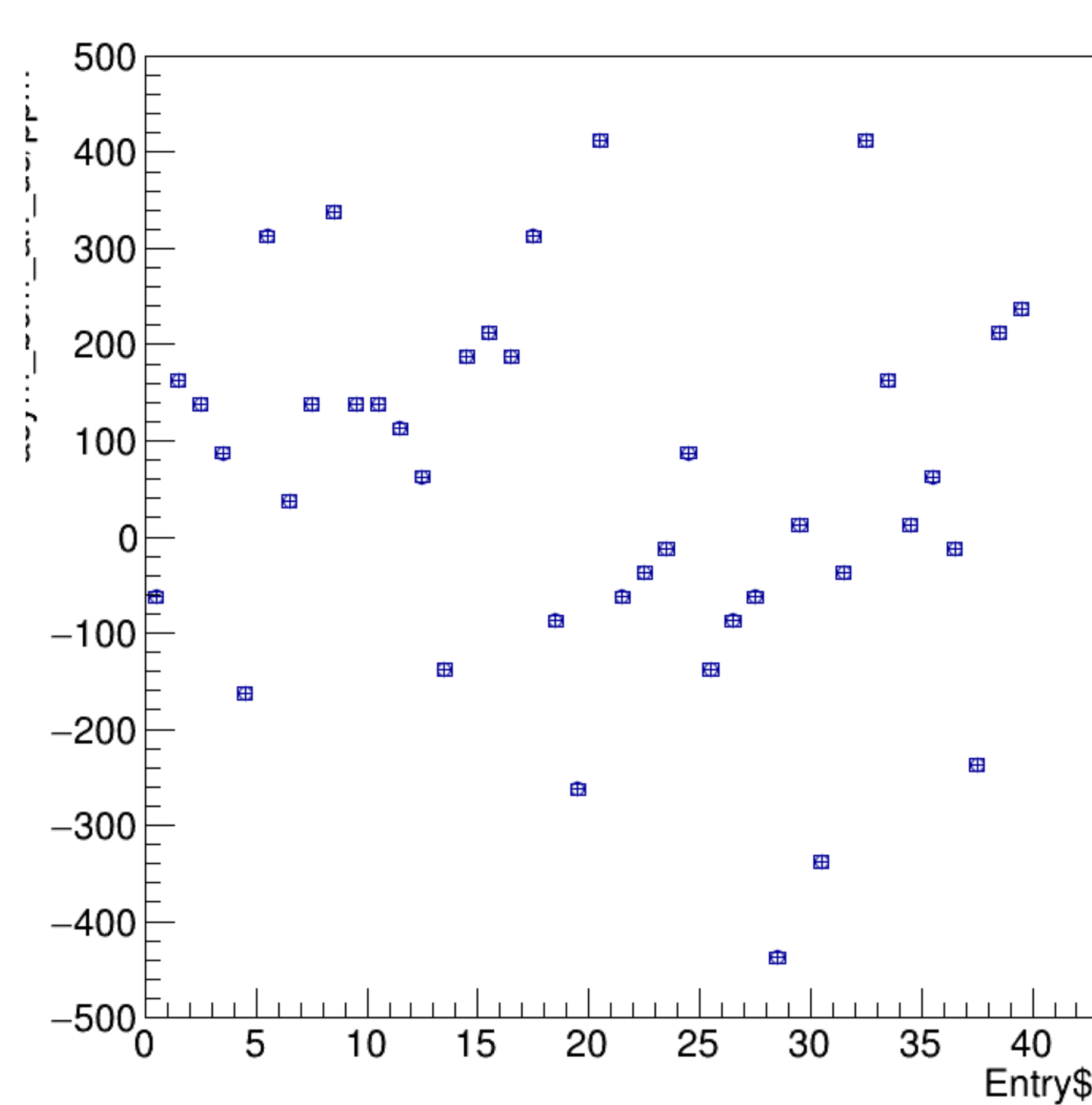
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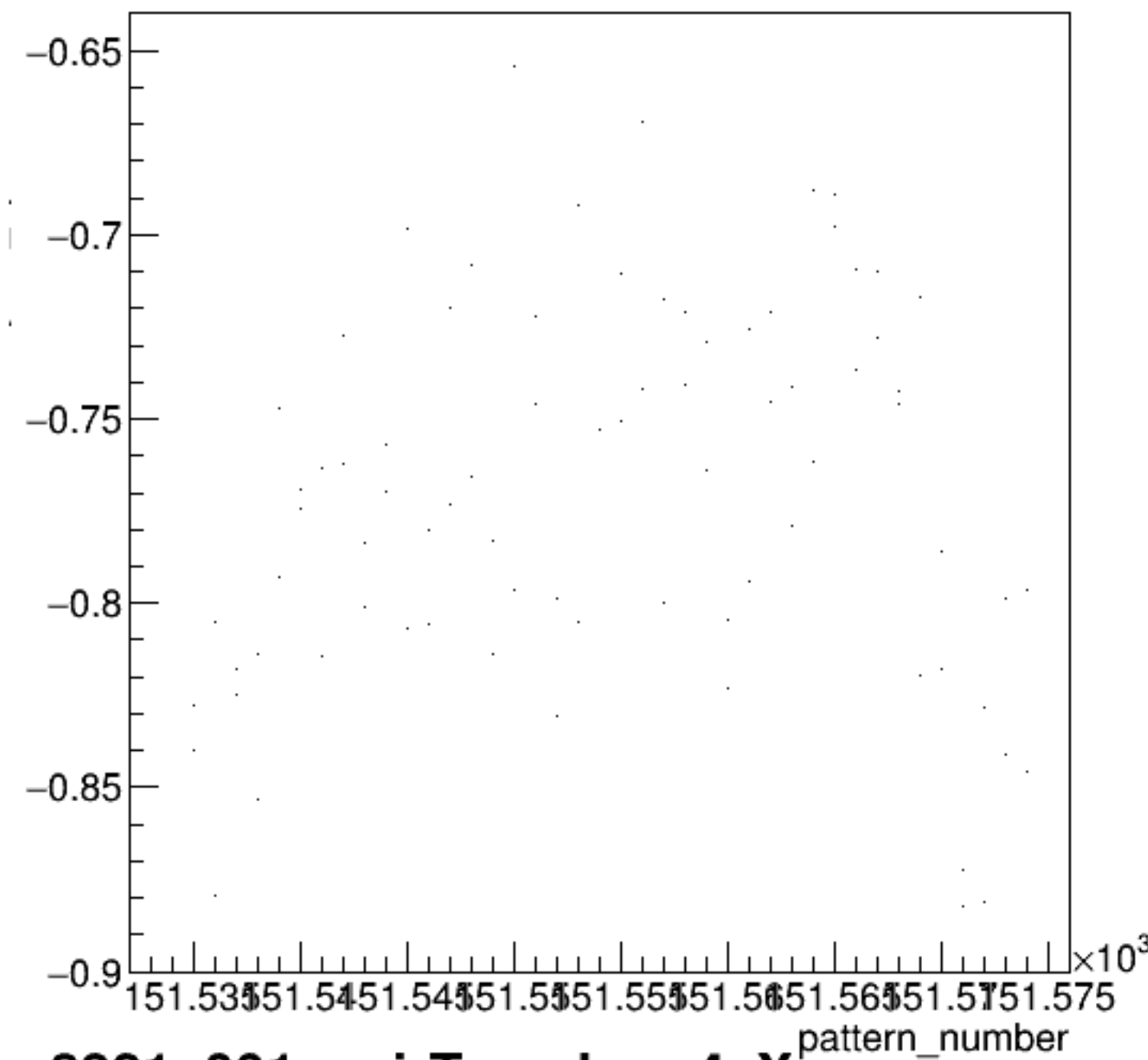
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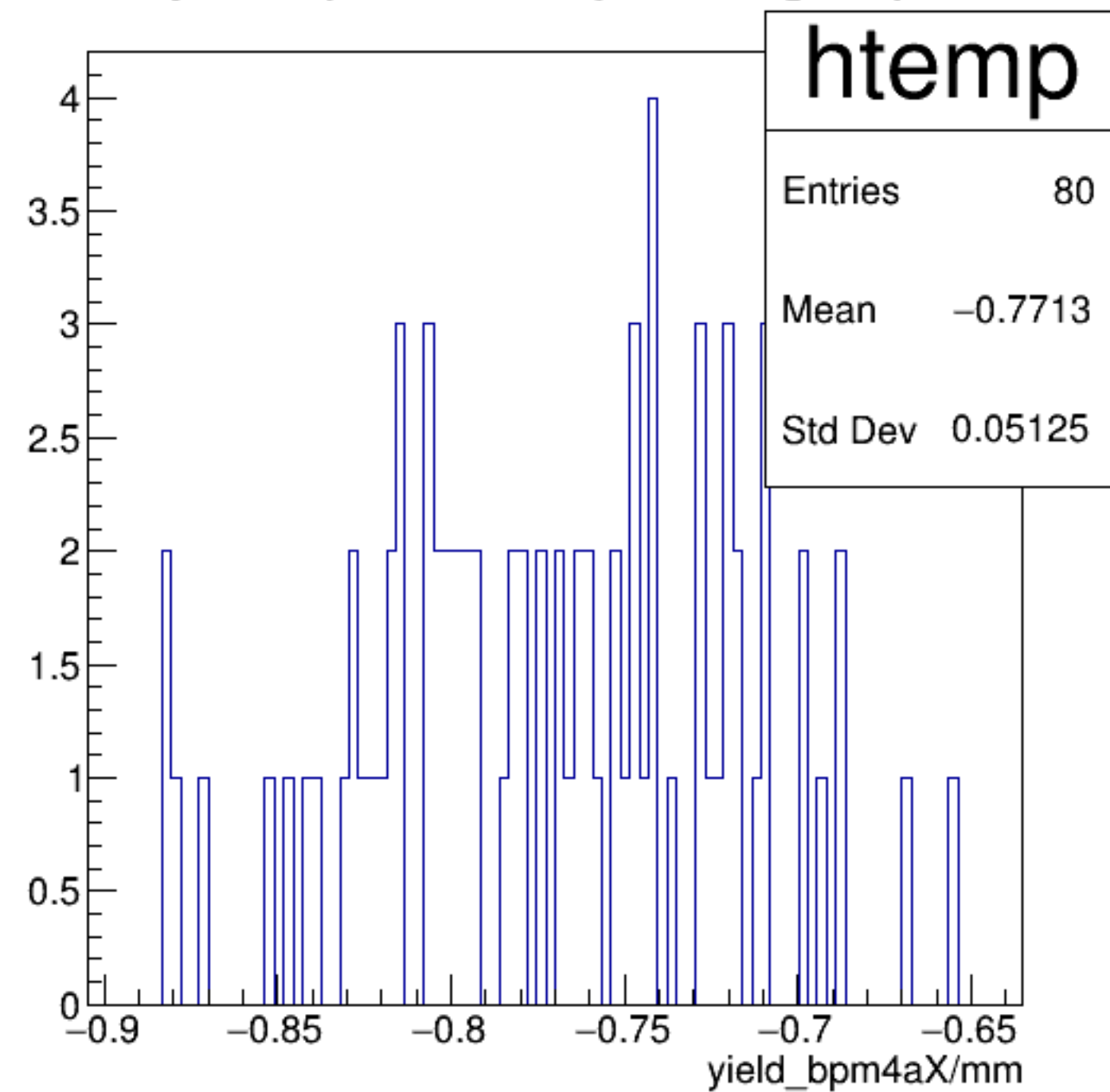


yield_bpm4aX/mm:pattern_number {ErrorFlag==0}

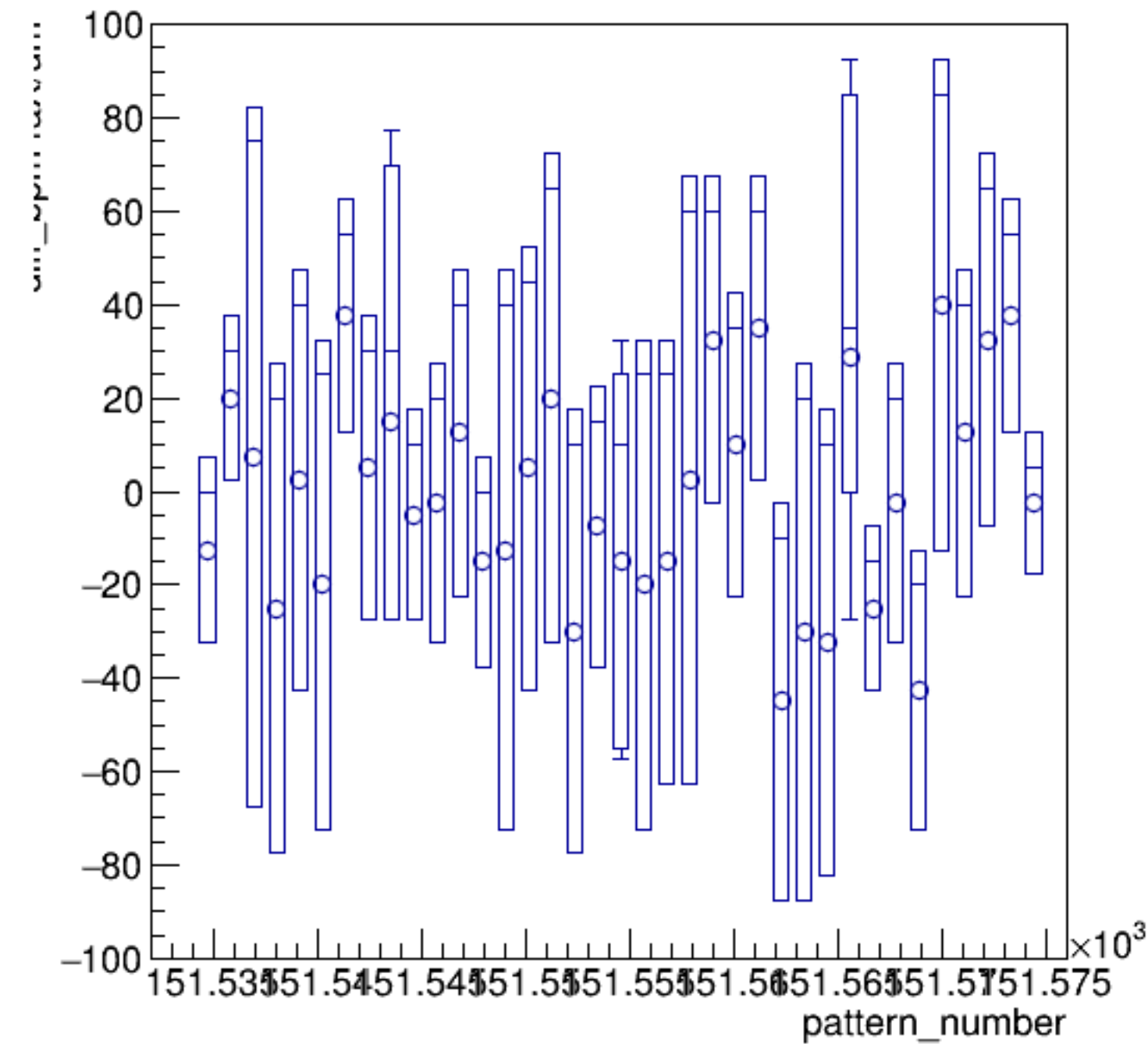


run8321_001_pairTree_bpm4aX.png

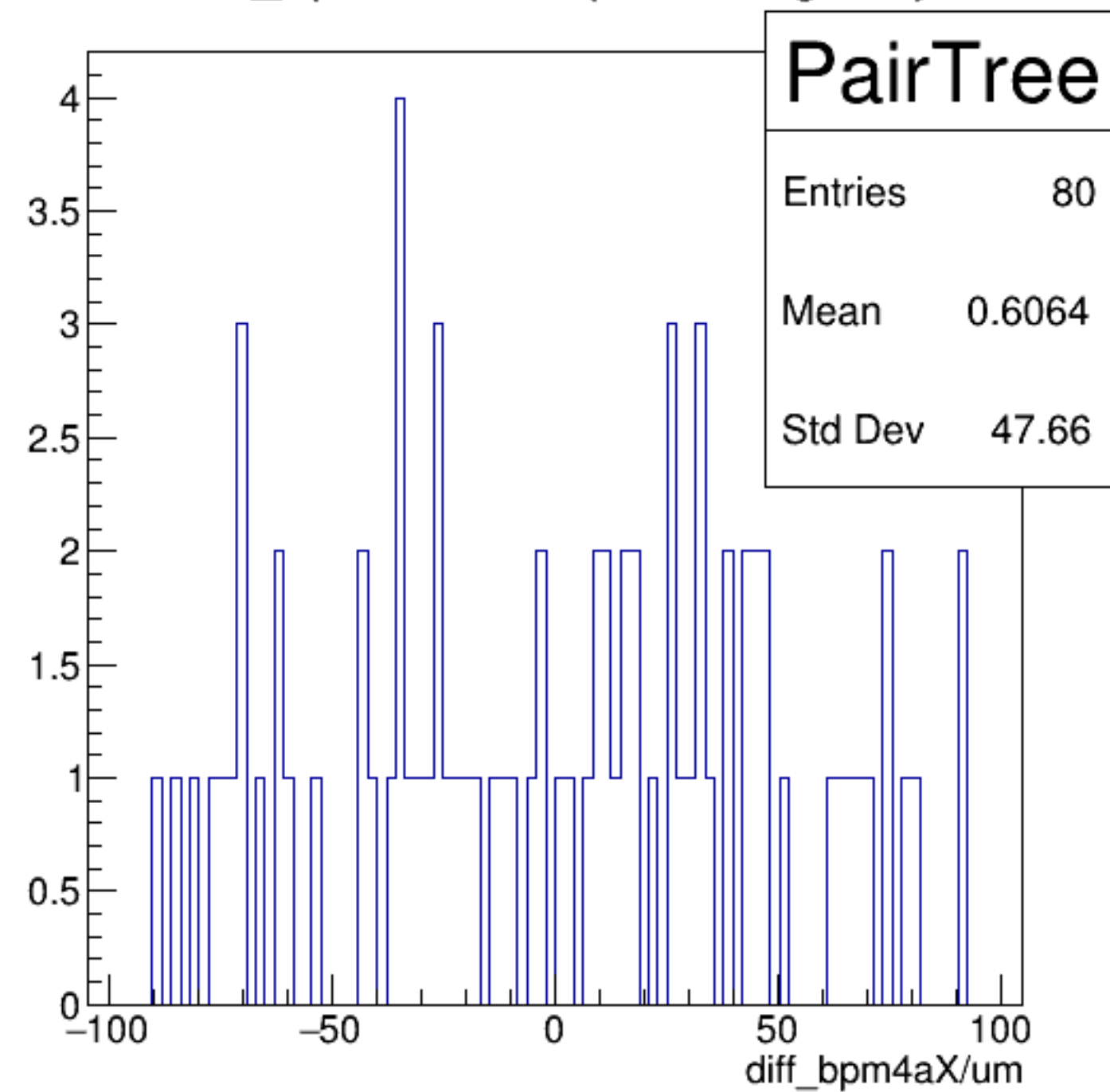
yield_bpm4aX/mm {ErrorFlag==0}

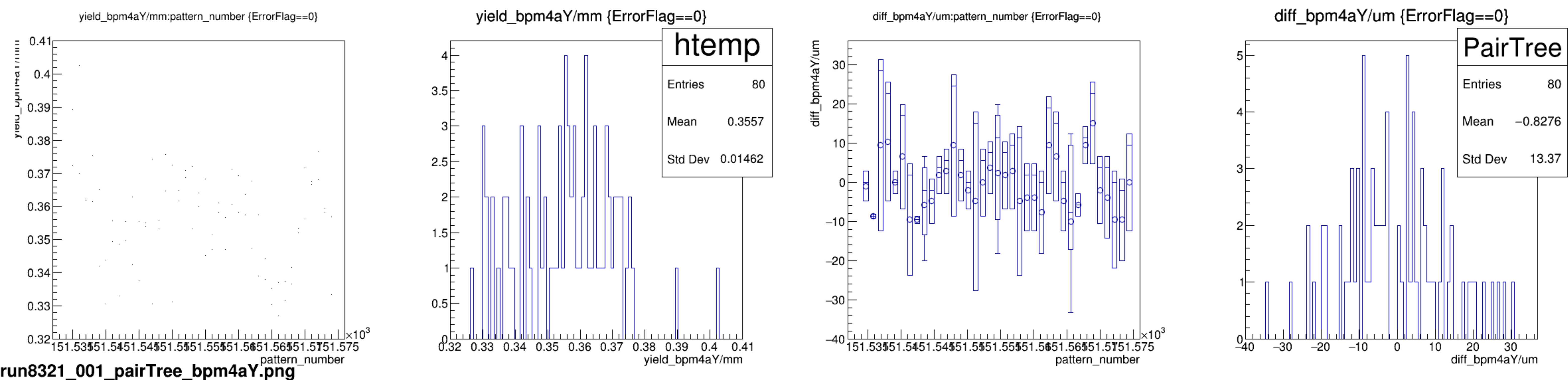


diff_bpm4aX/um:pattern_number {ErrorFlag==0}

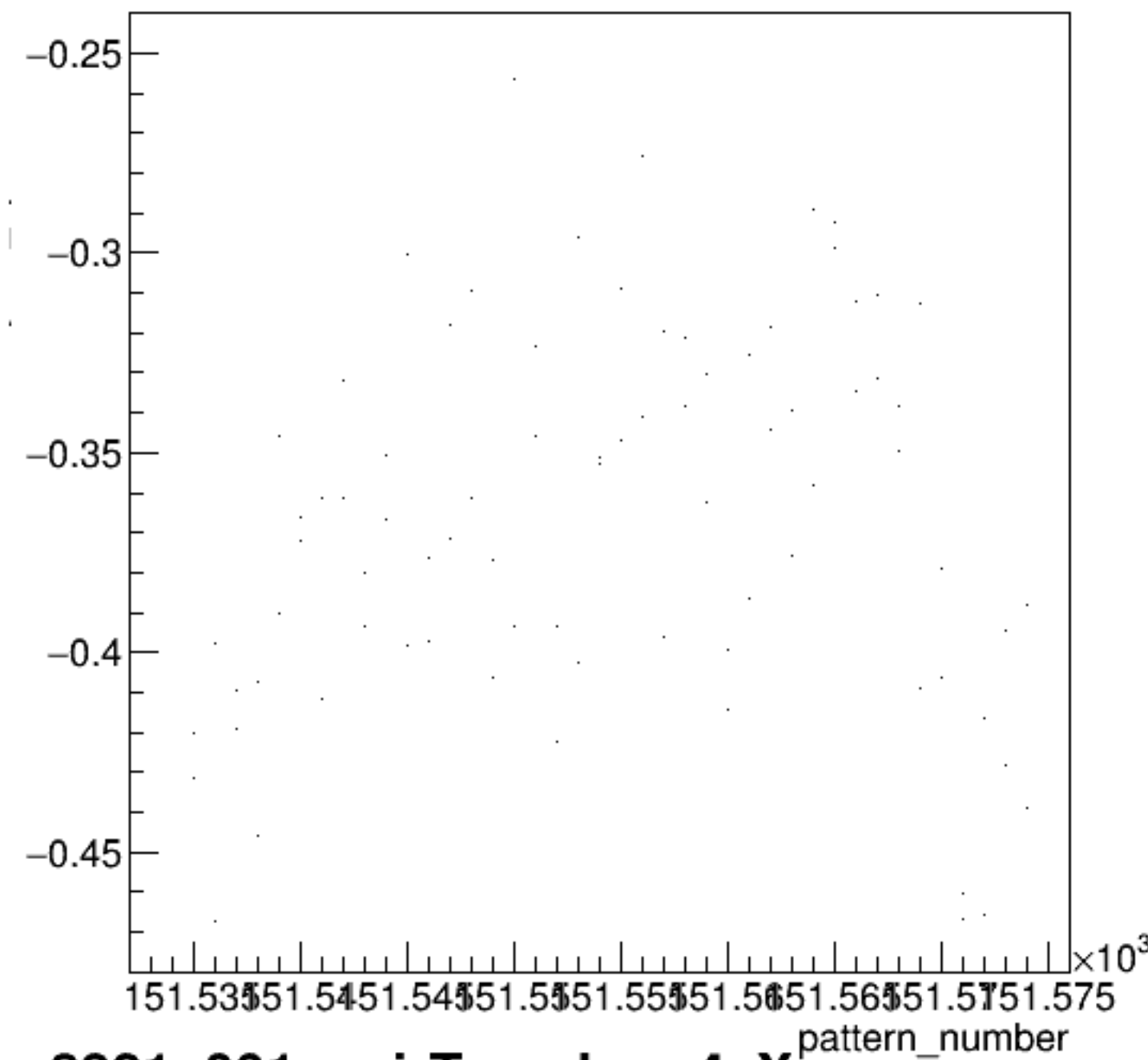


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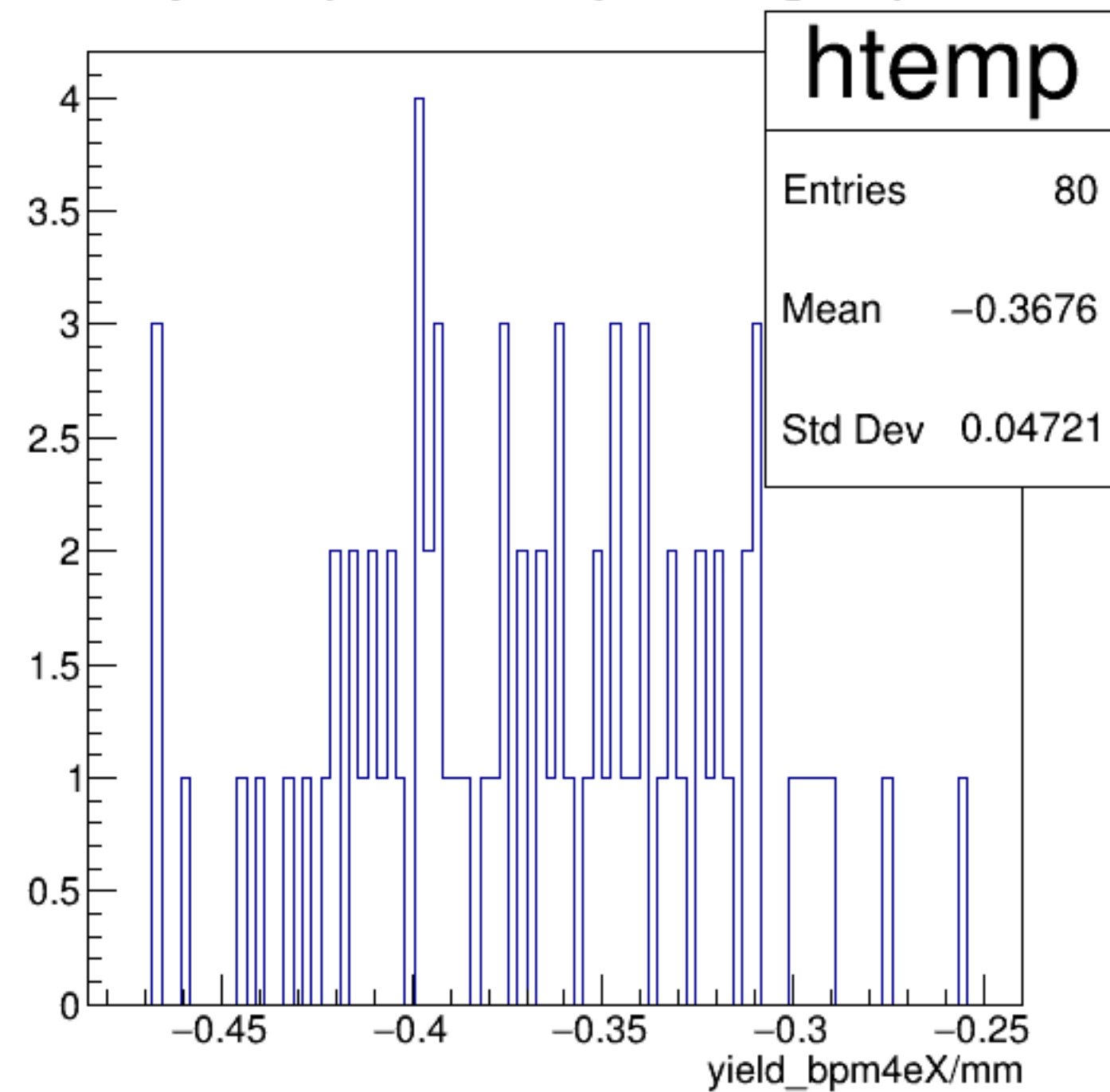




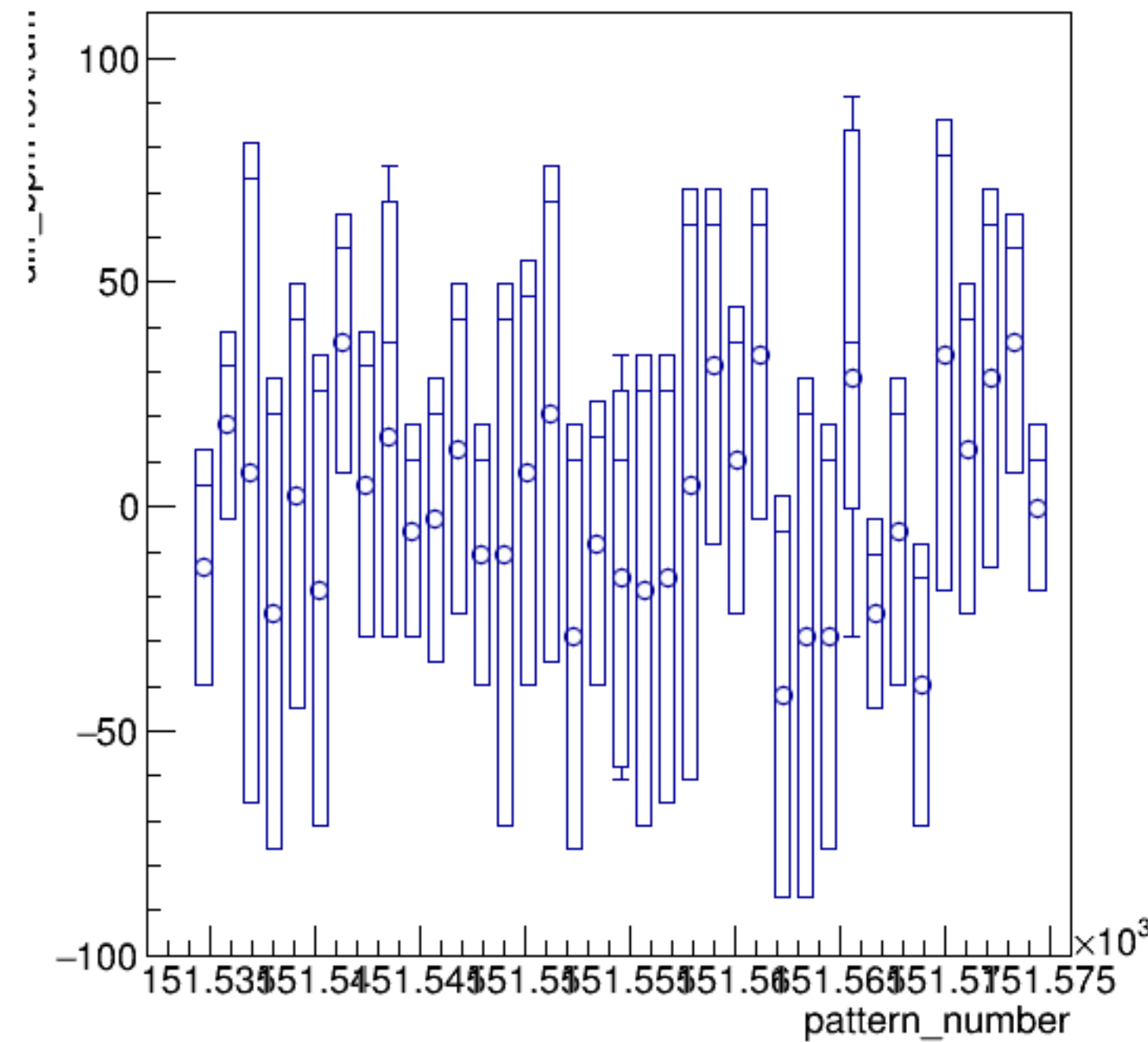
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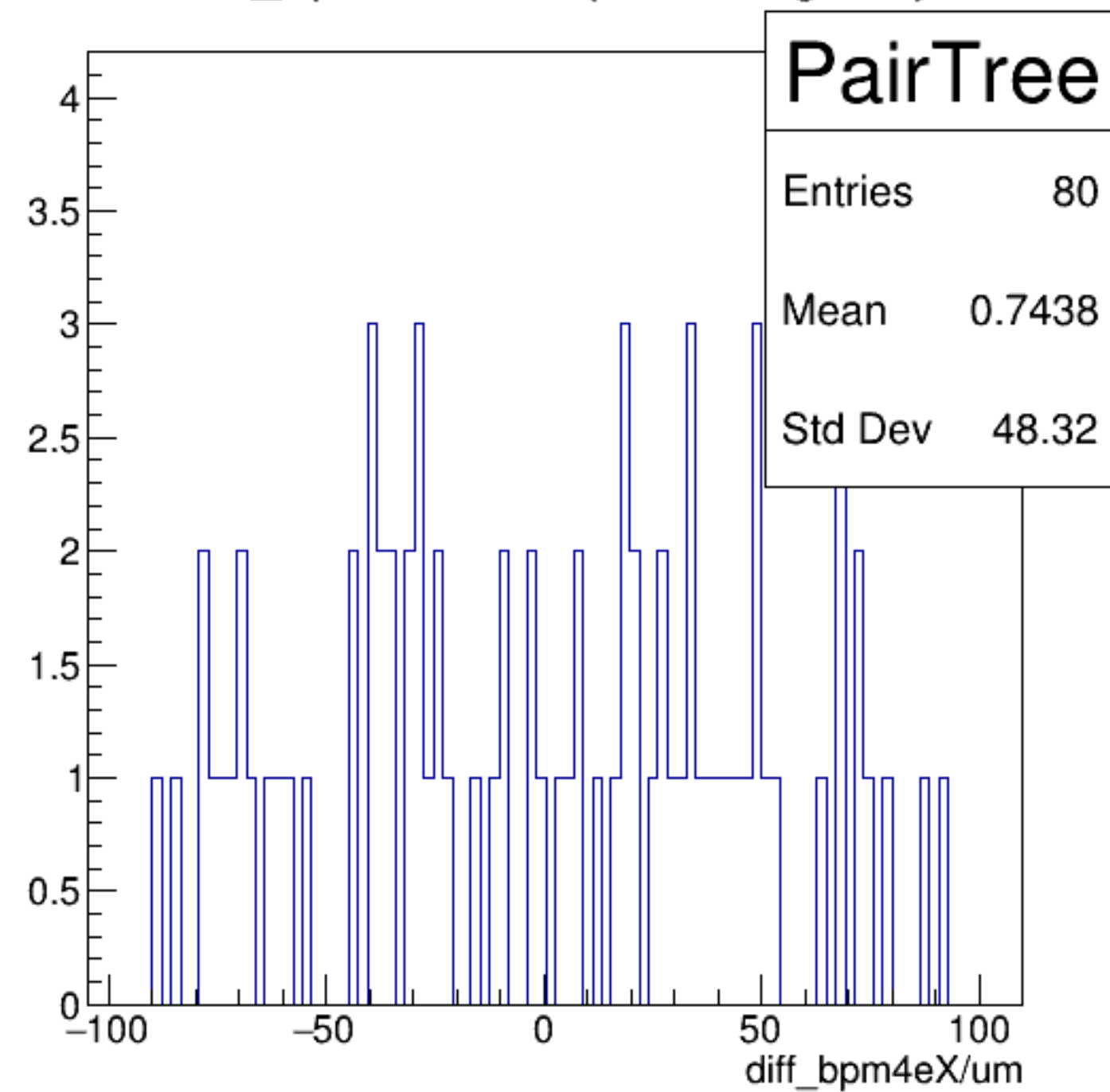
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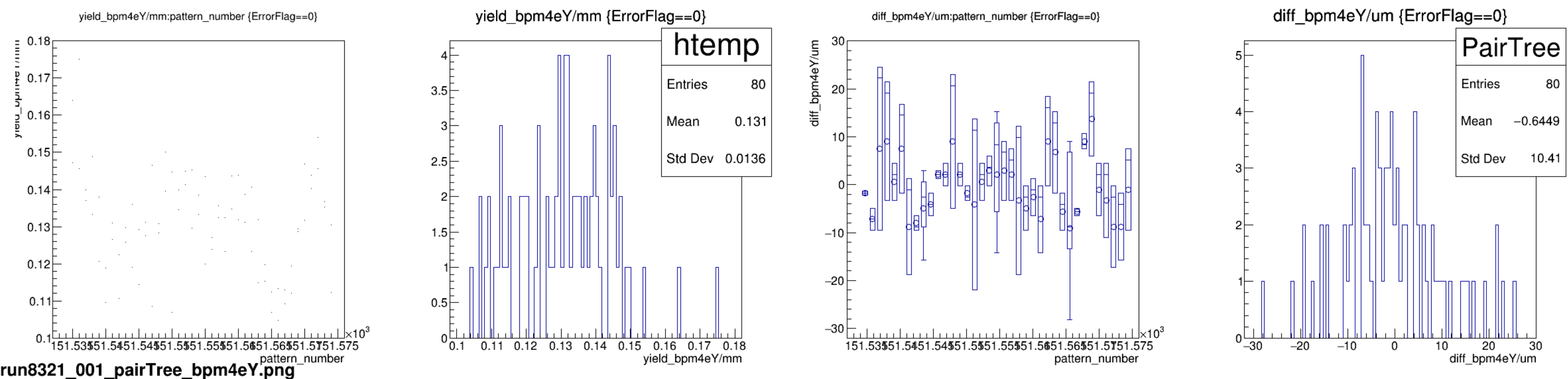


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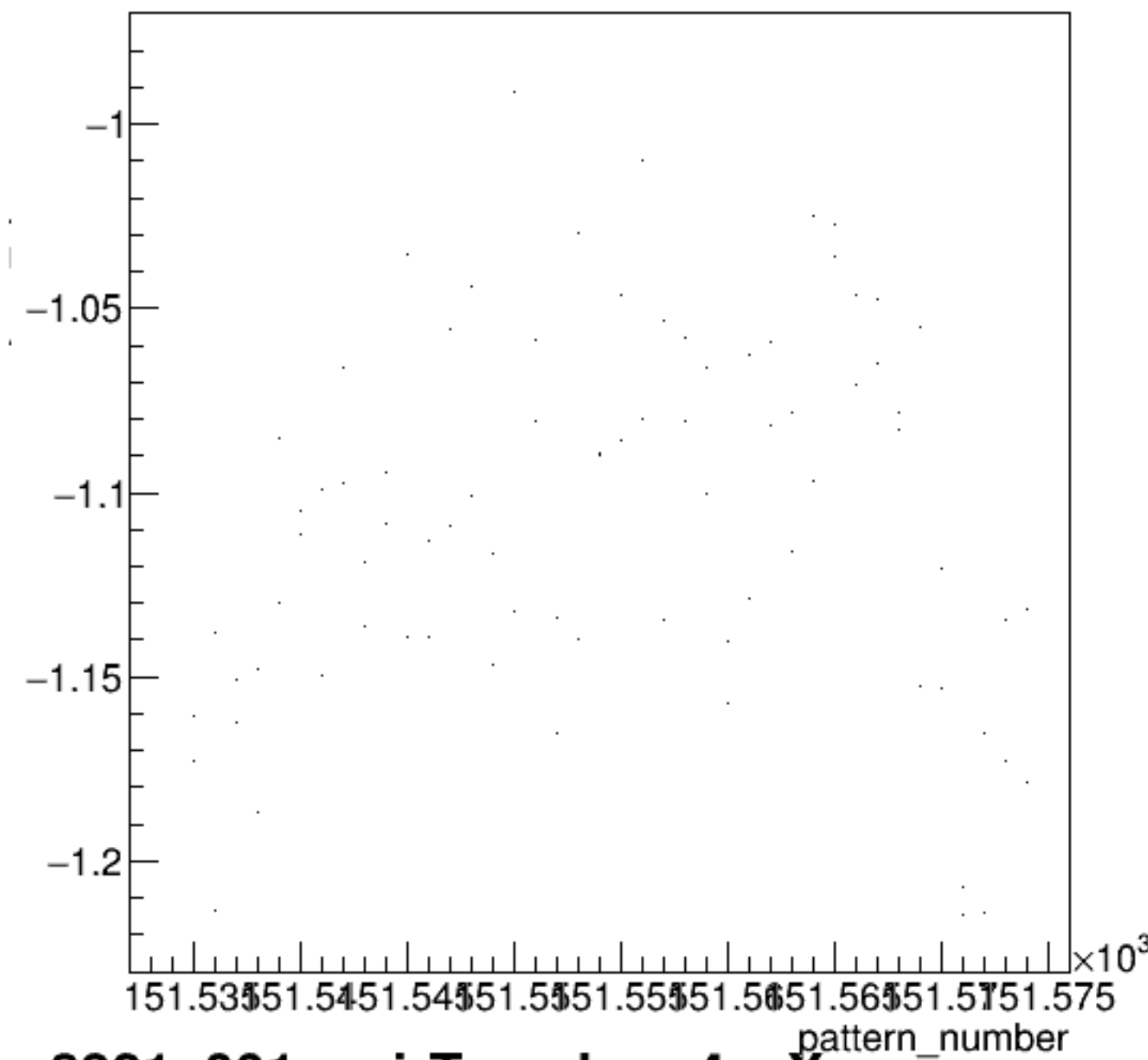


diff_bpm4eX/um {ErrorFlag==0}

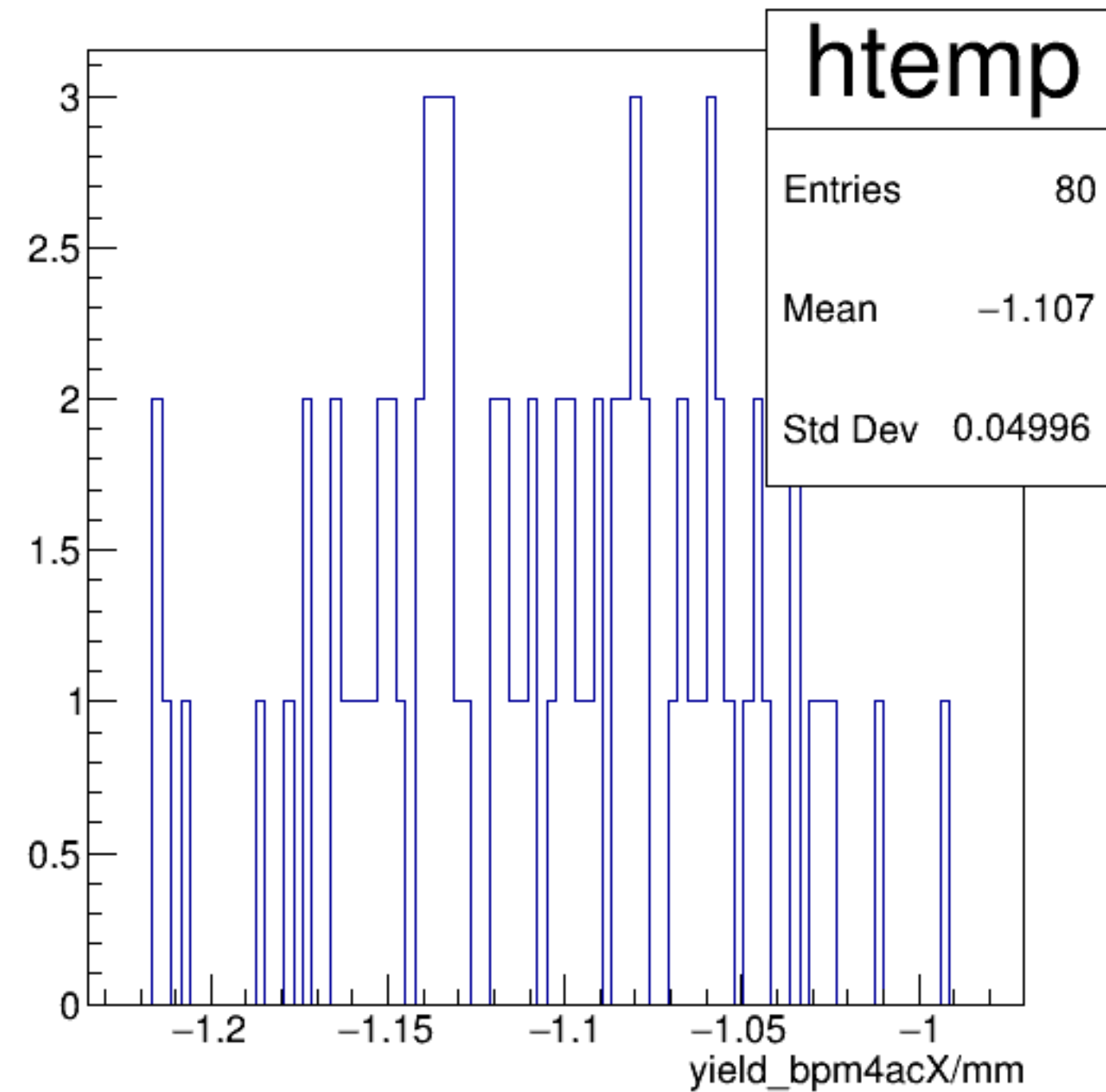




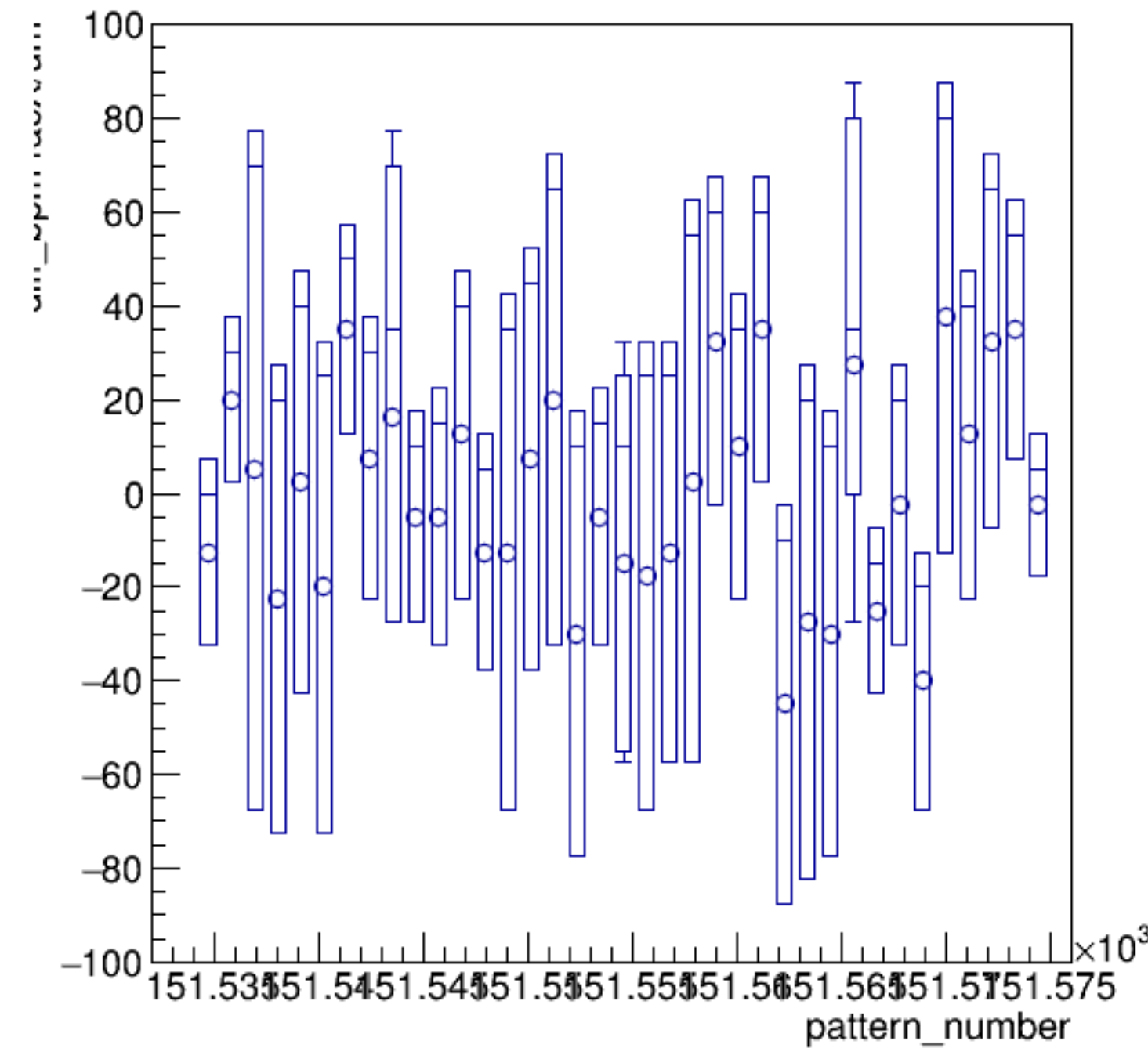
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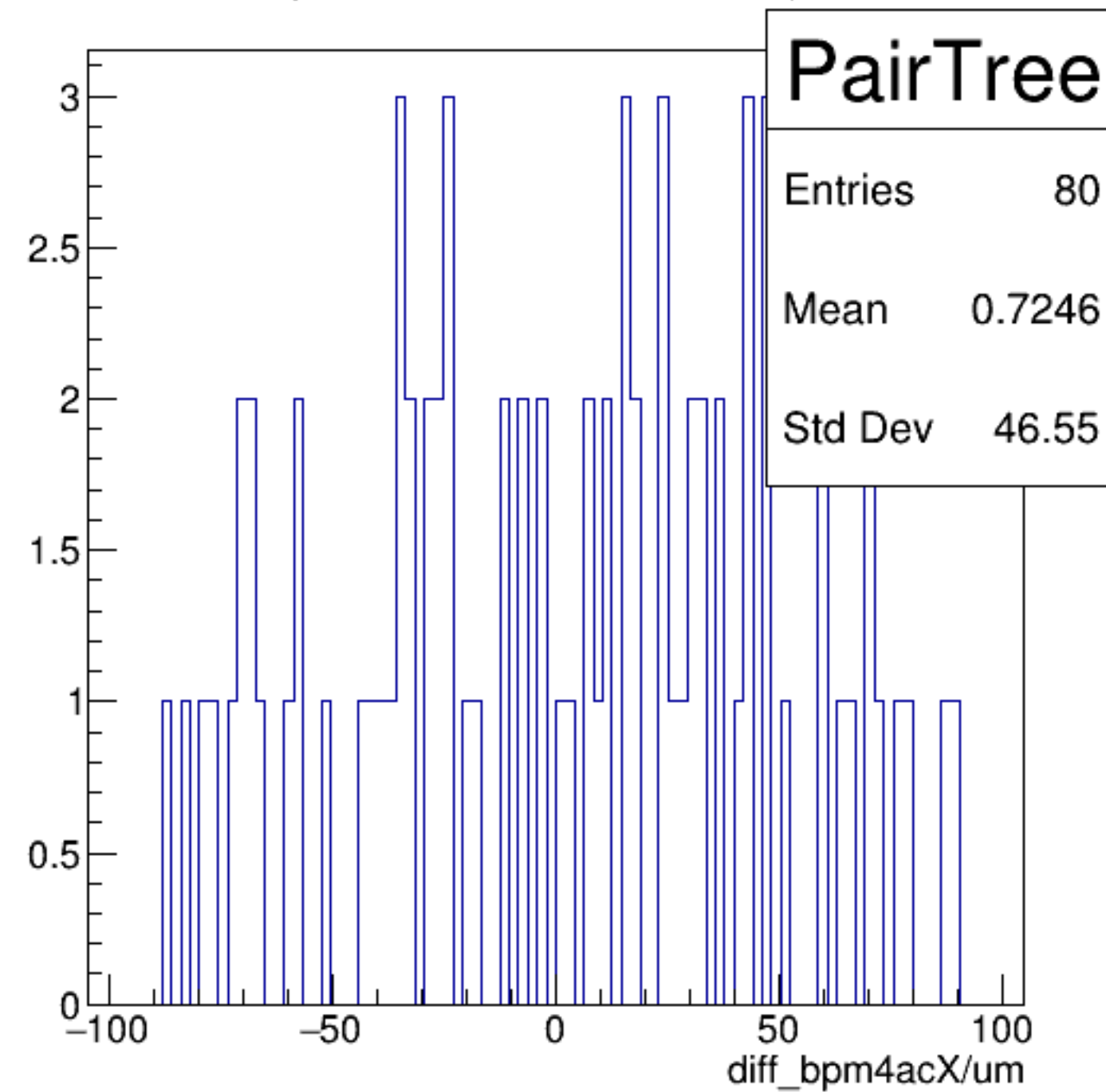
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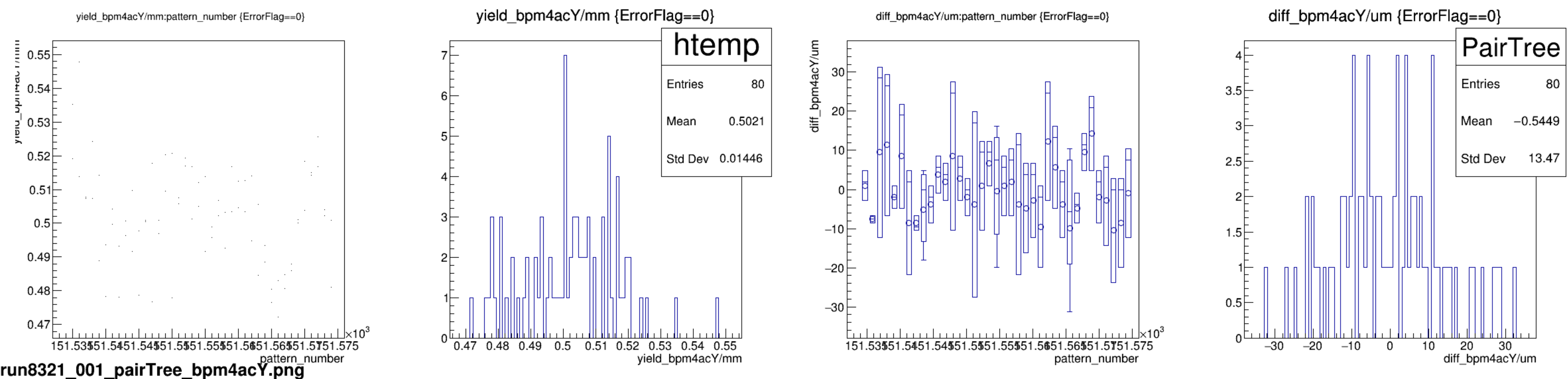


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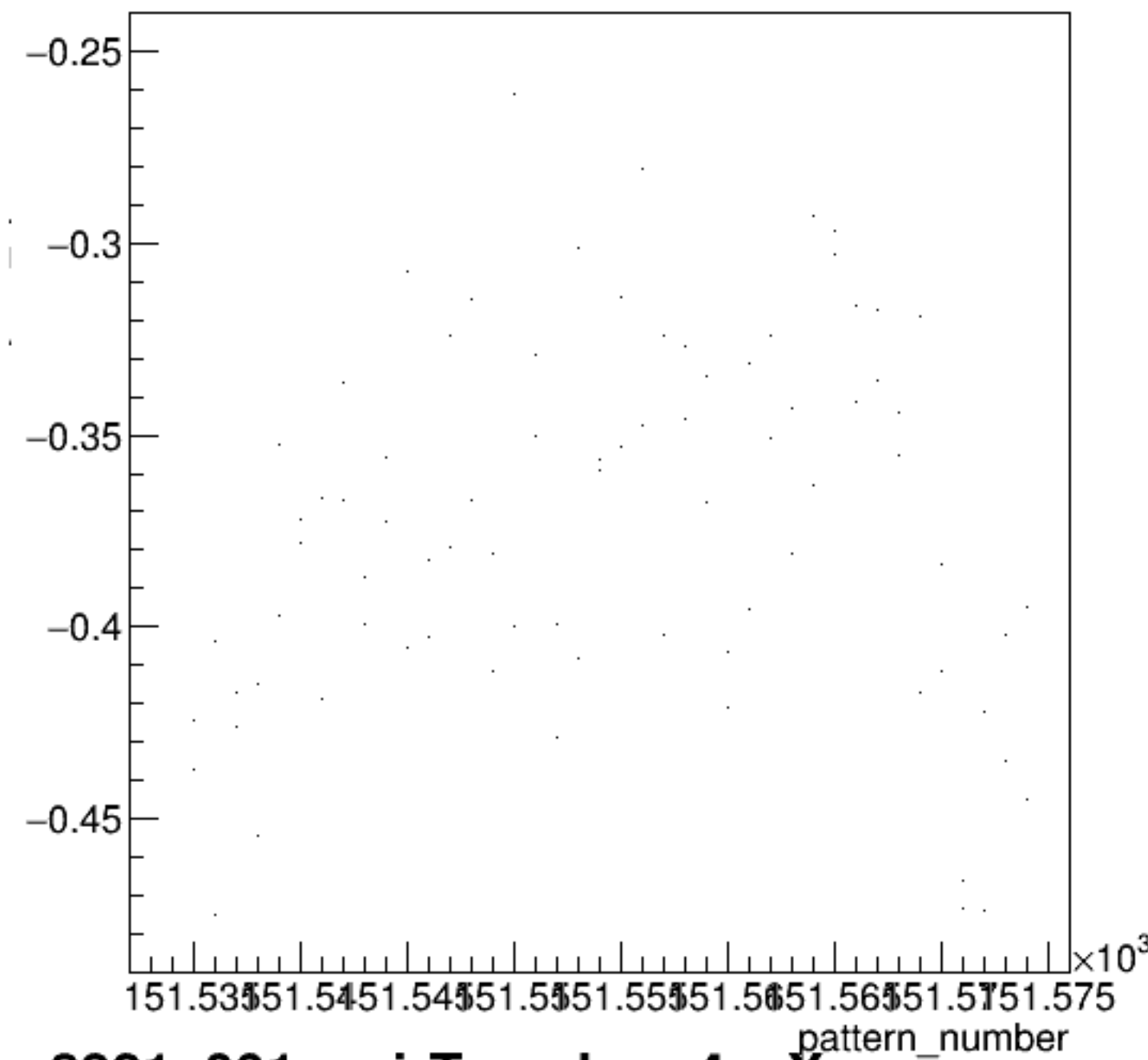


diff_bpm4acX/um {ErrorFlag==0}

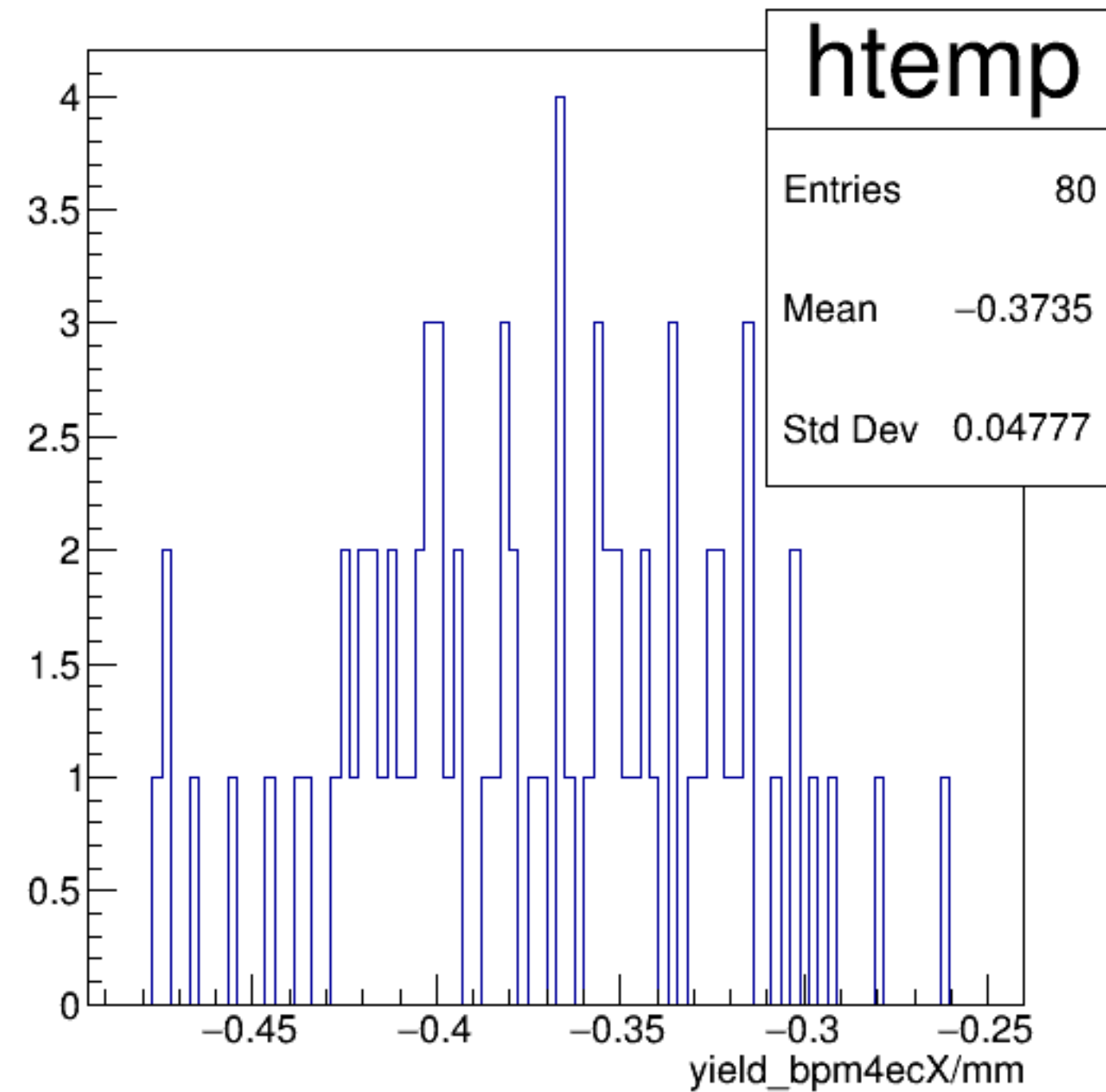




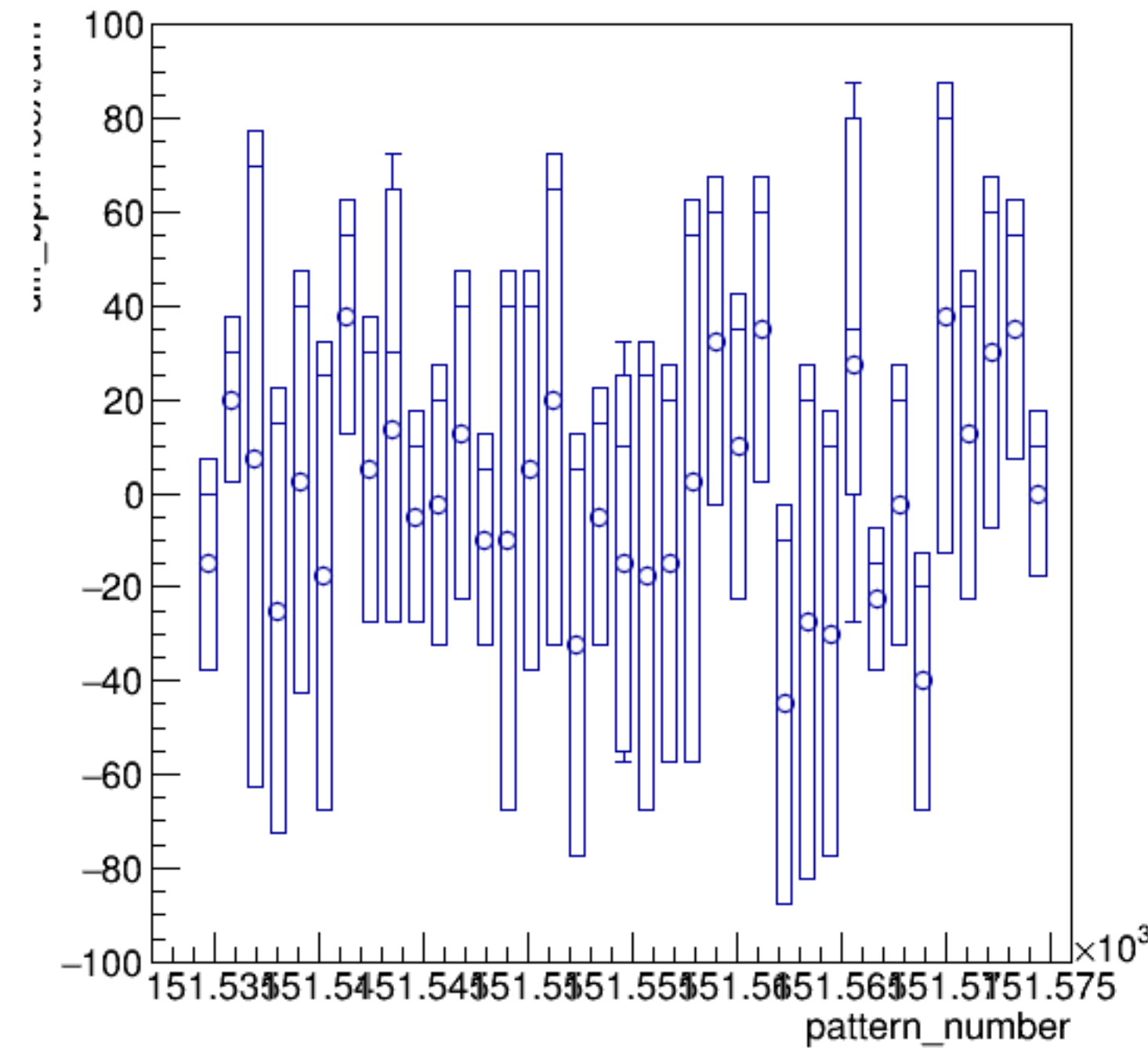
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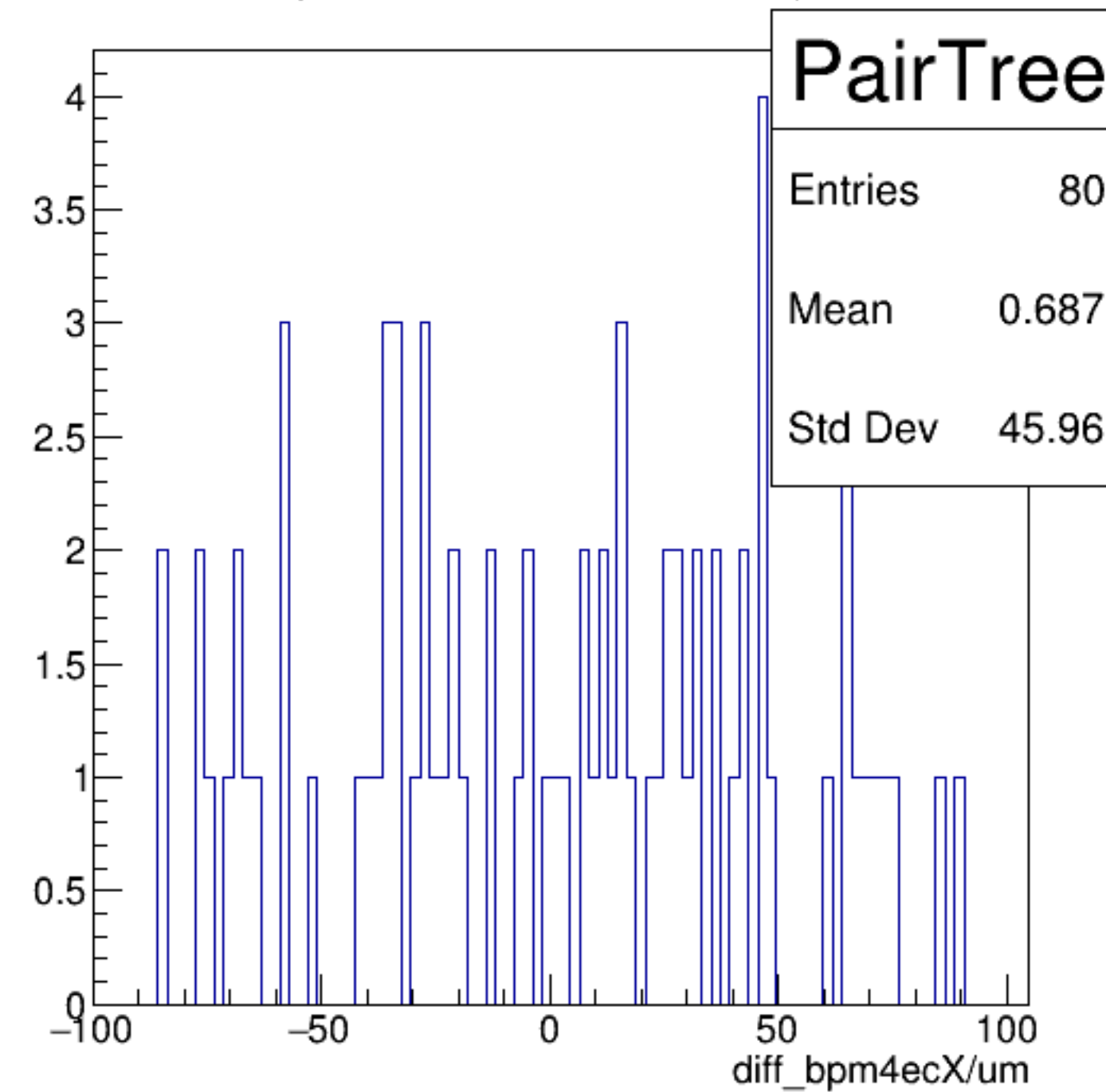
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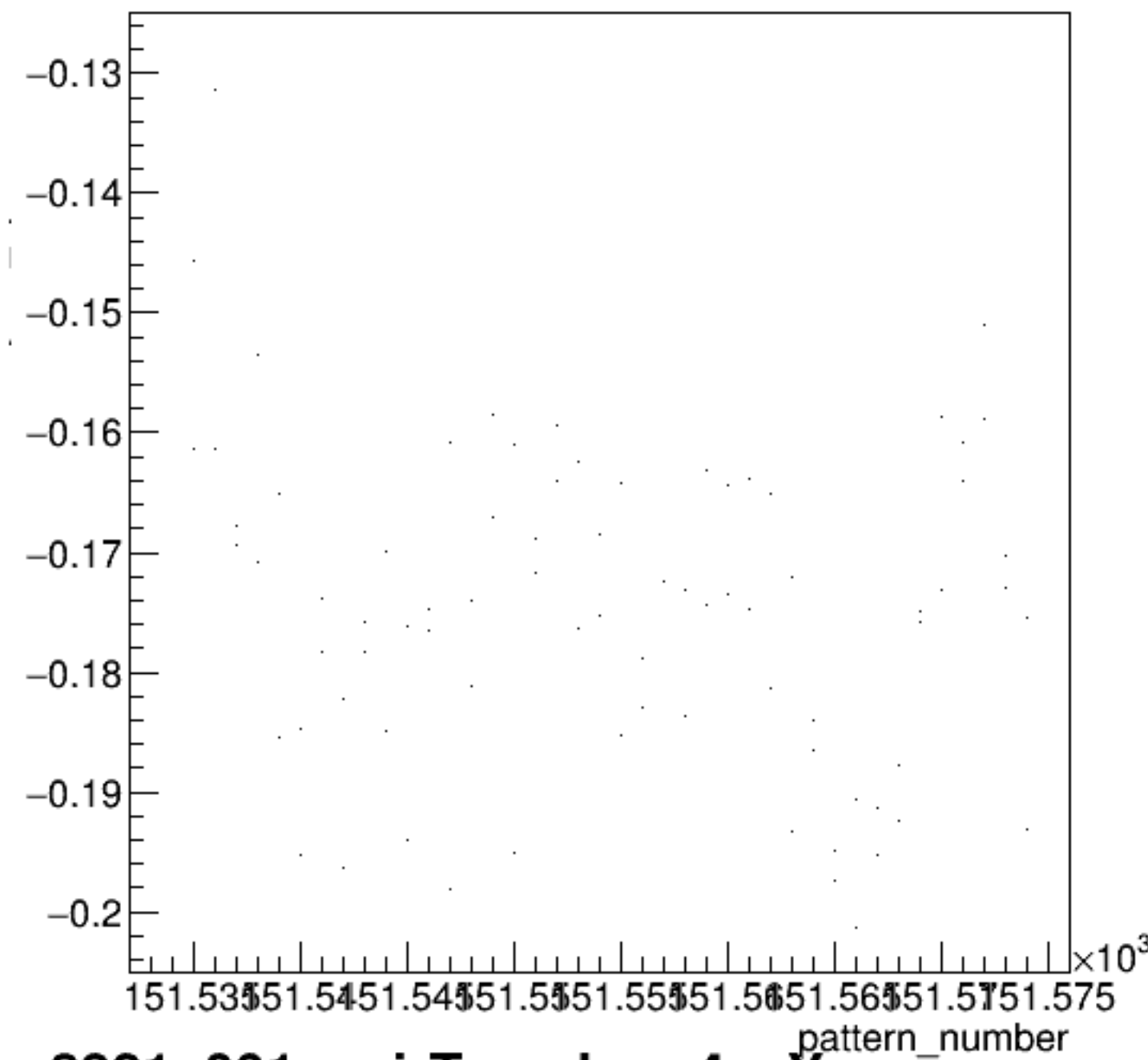
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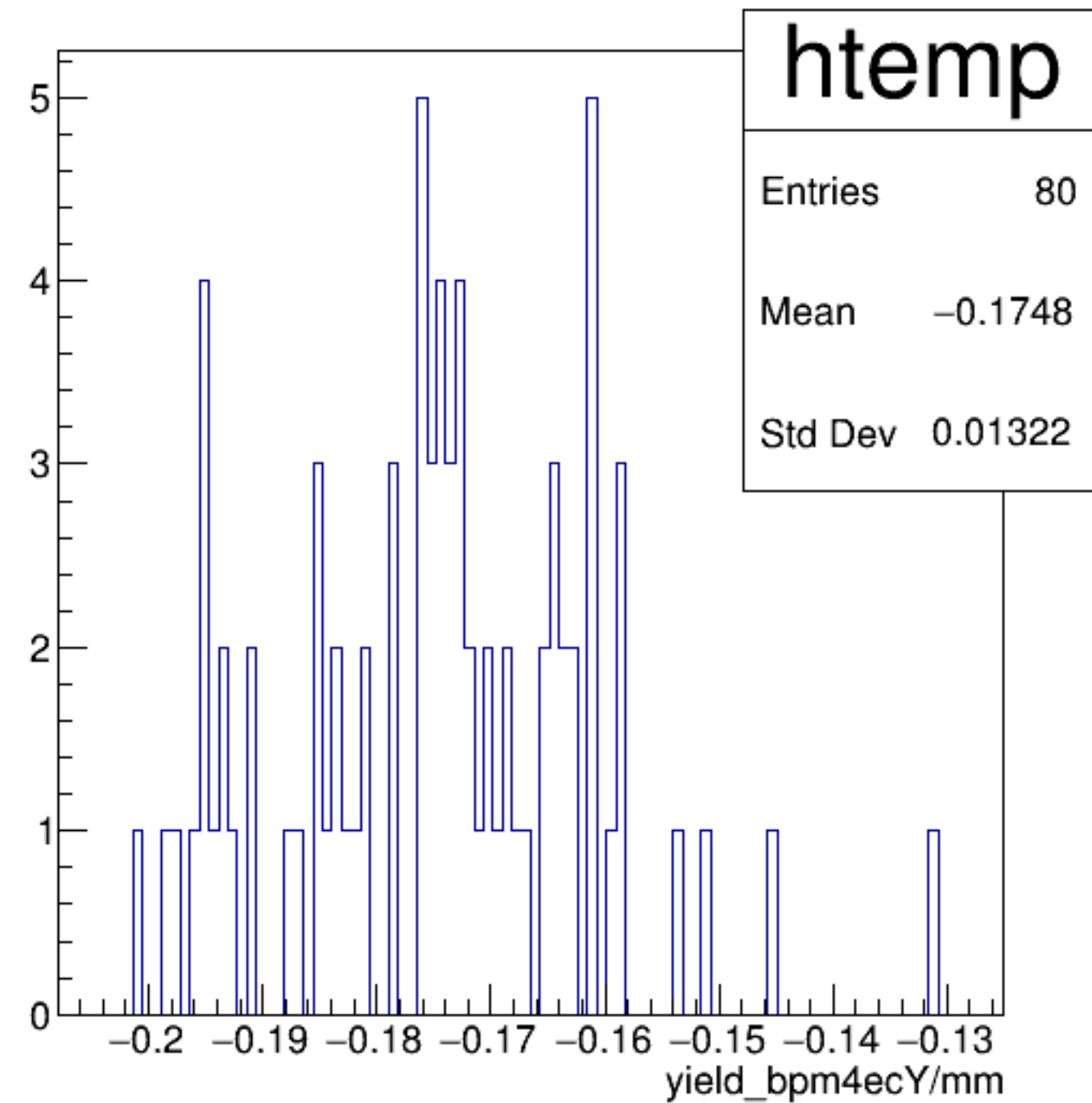
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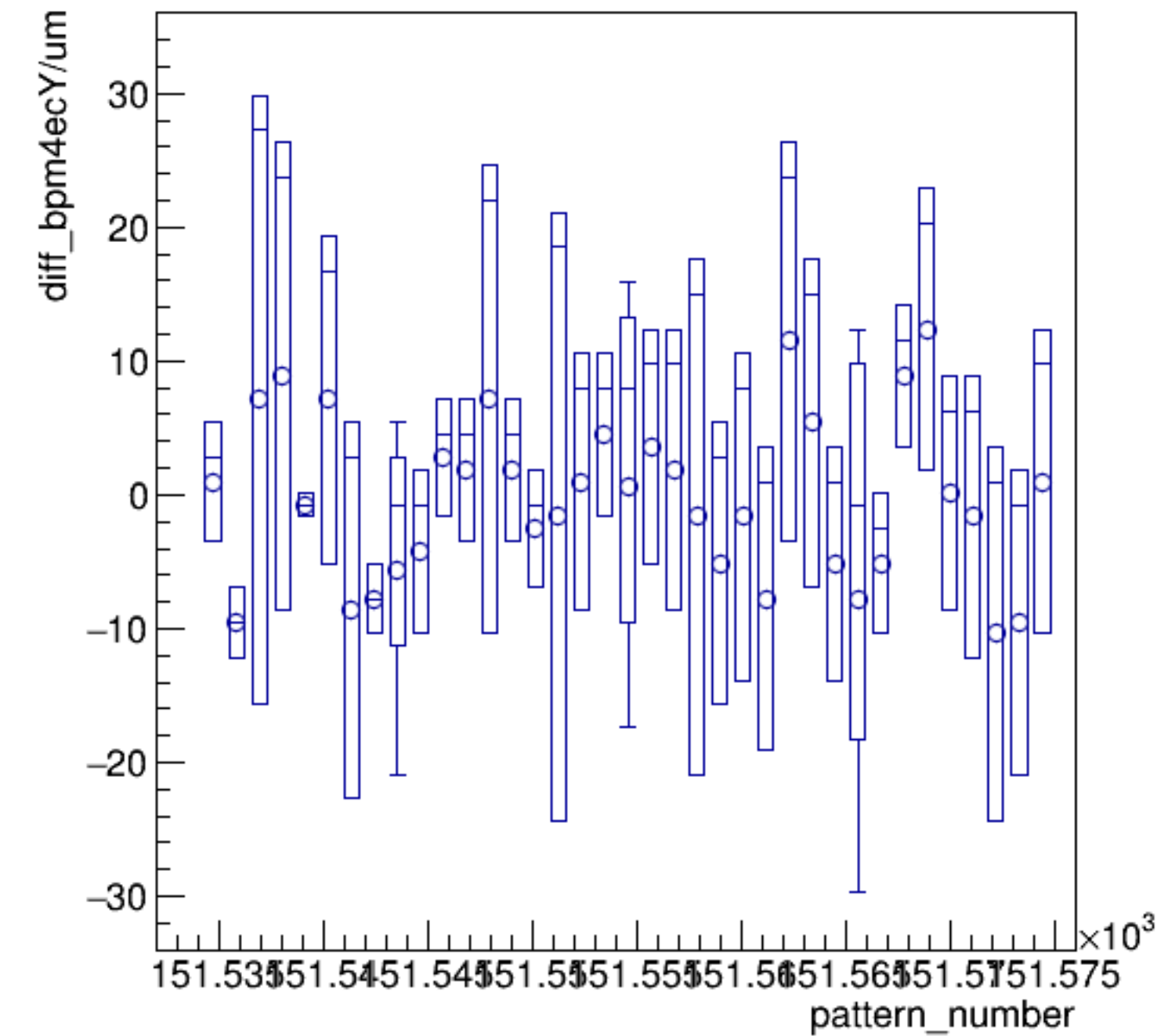
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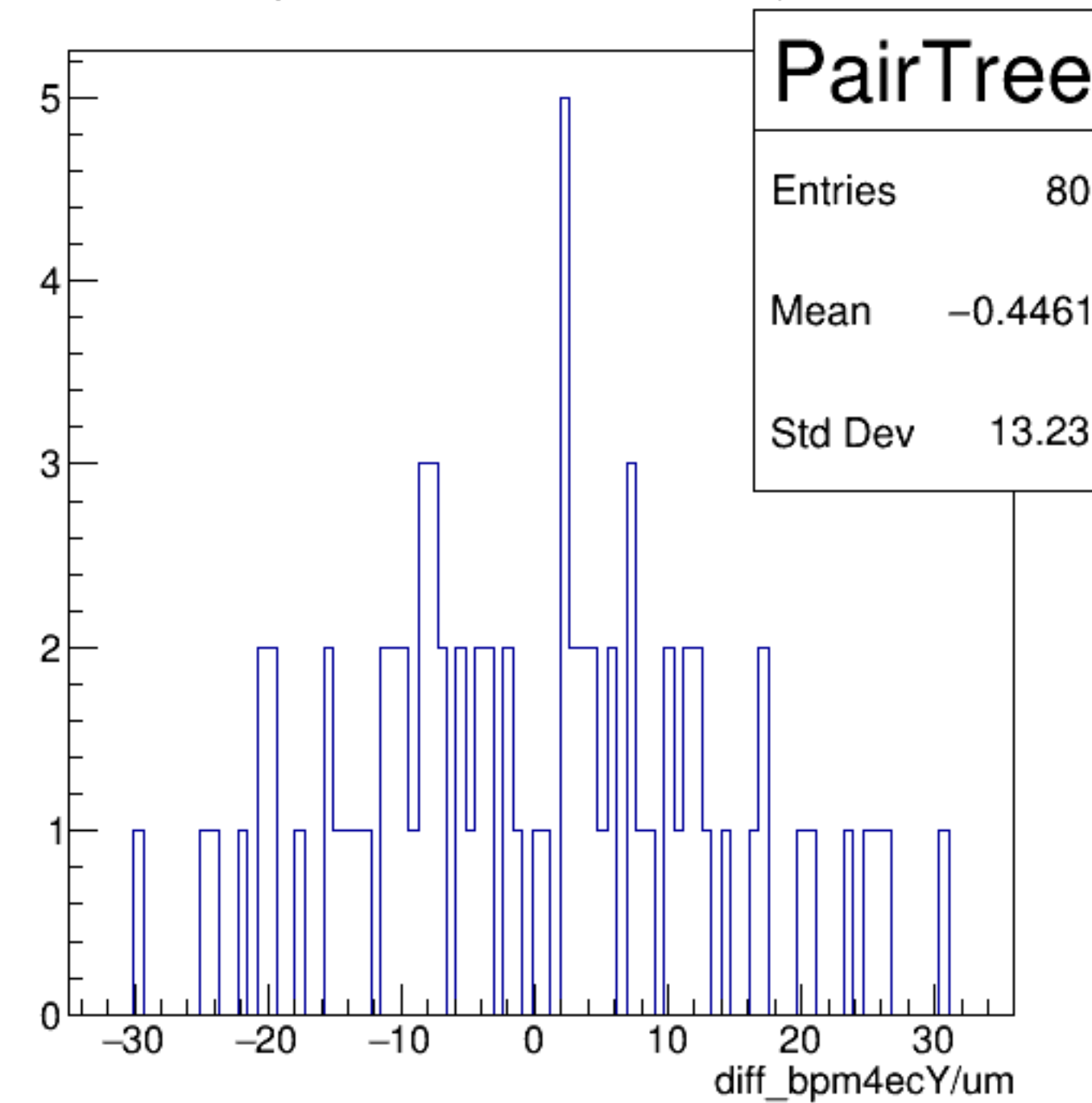
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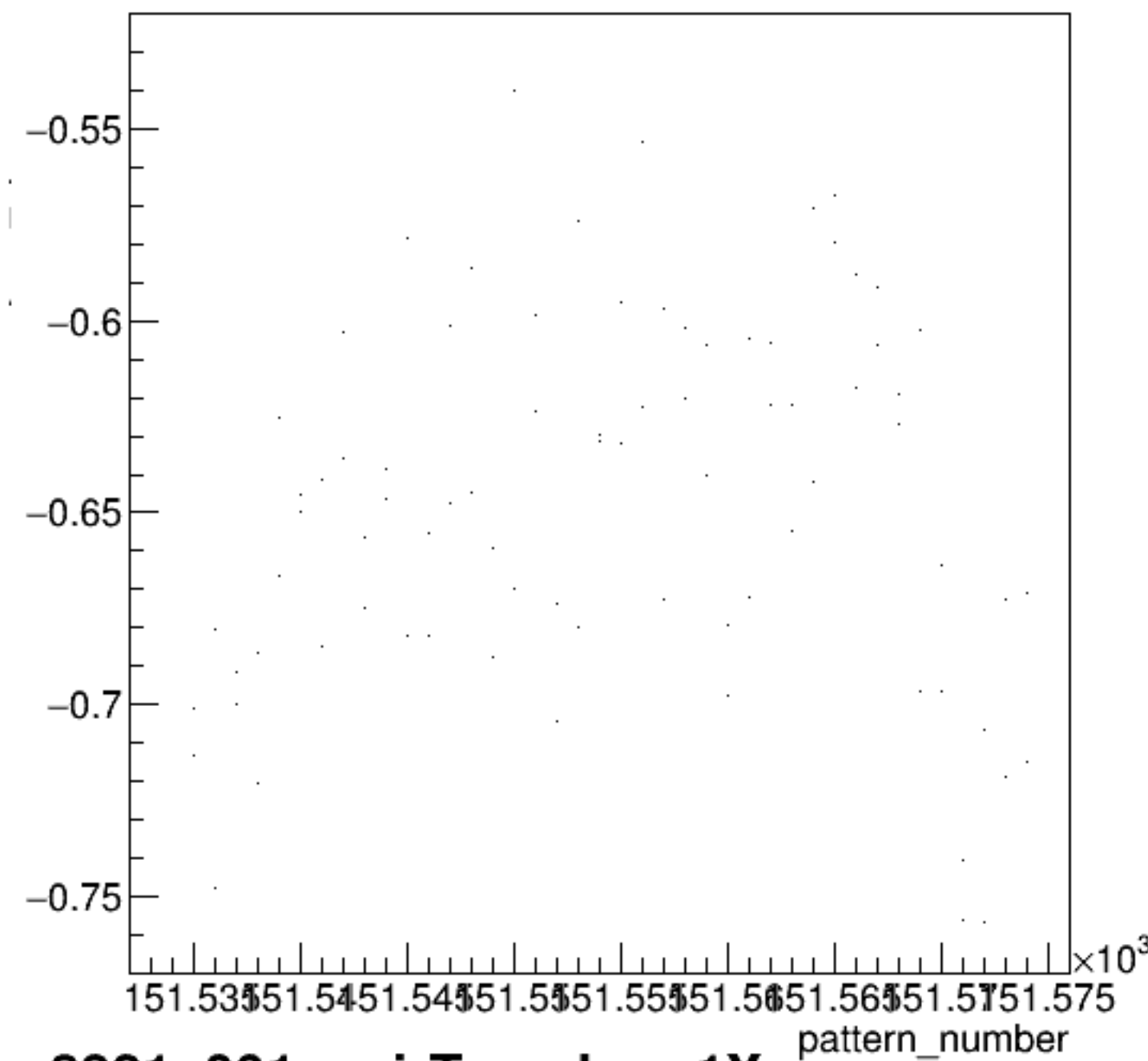
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diff_bpm4ecY/um {ErrorFlag==0}

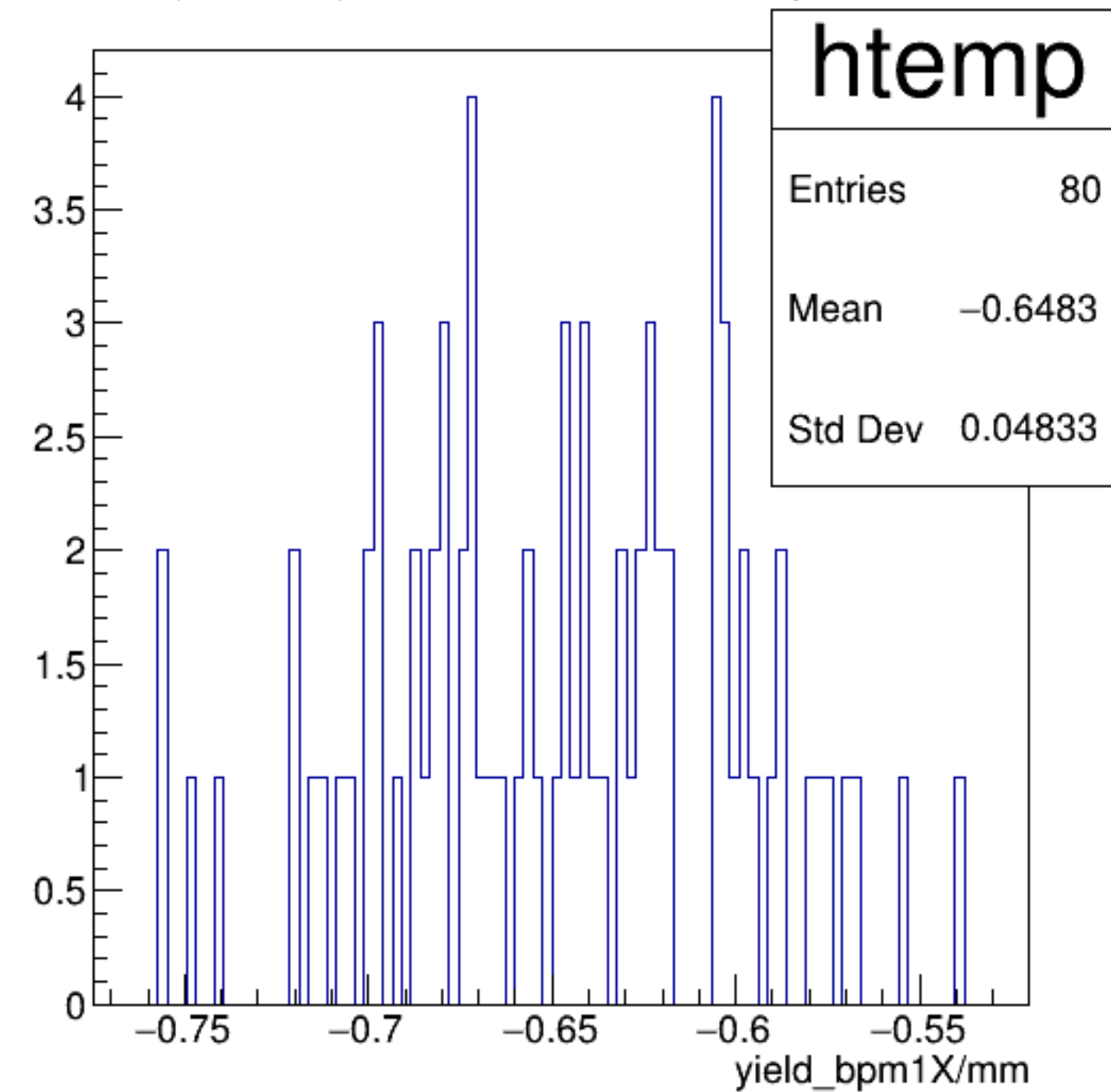


yield_bpm1X/mm:pattern_number {ErrorFlag==0}

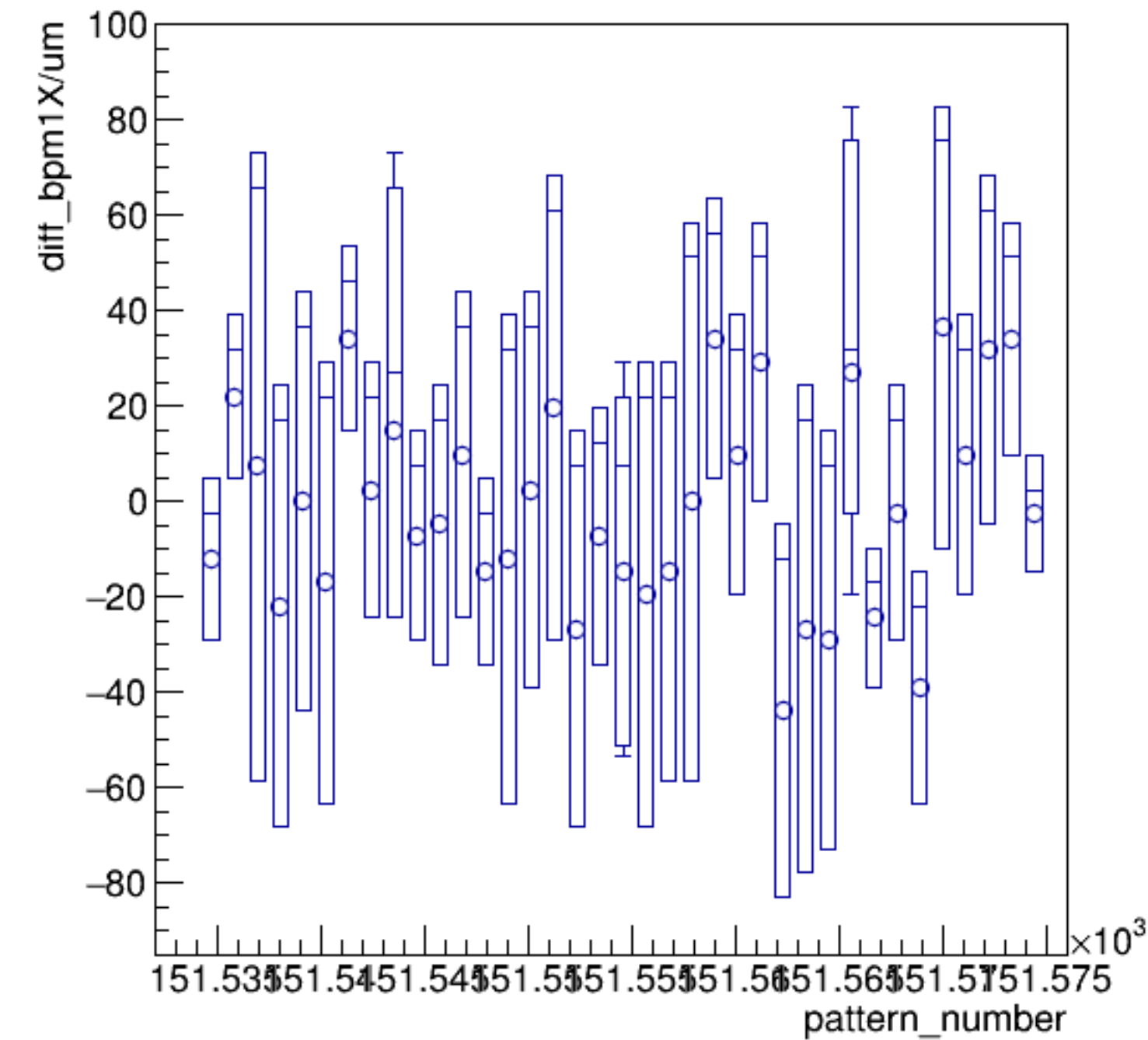


run8321_001_pairTree_bpm1X.png

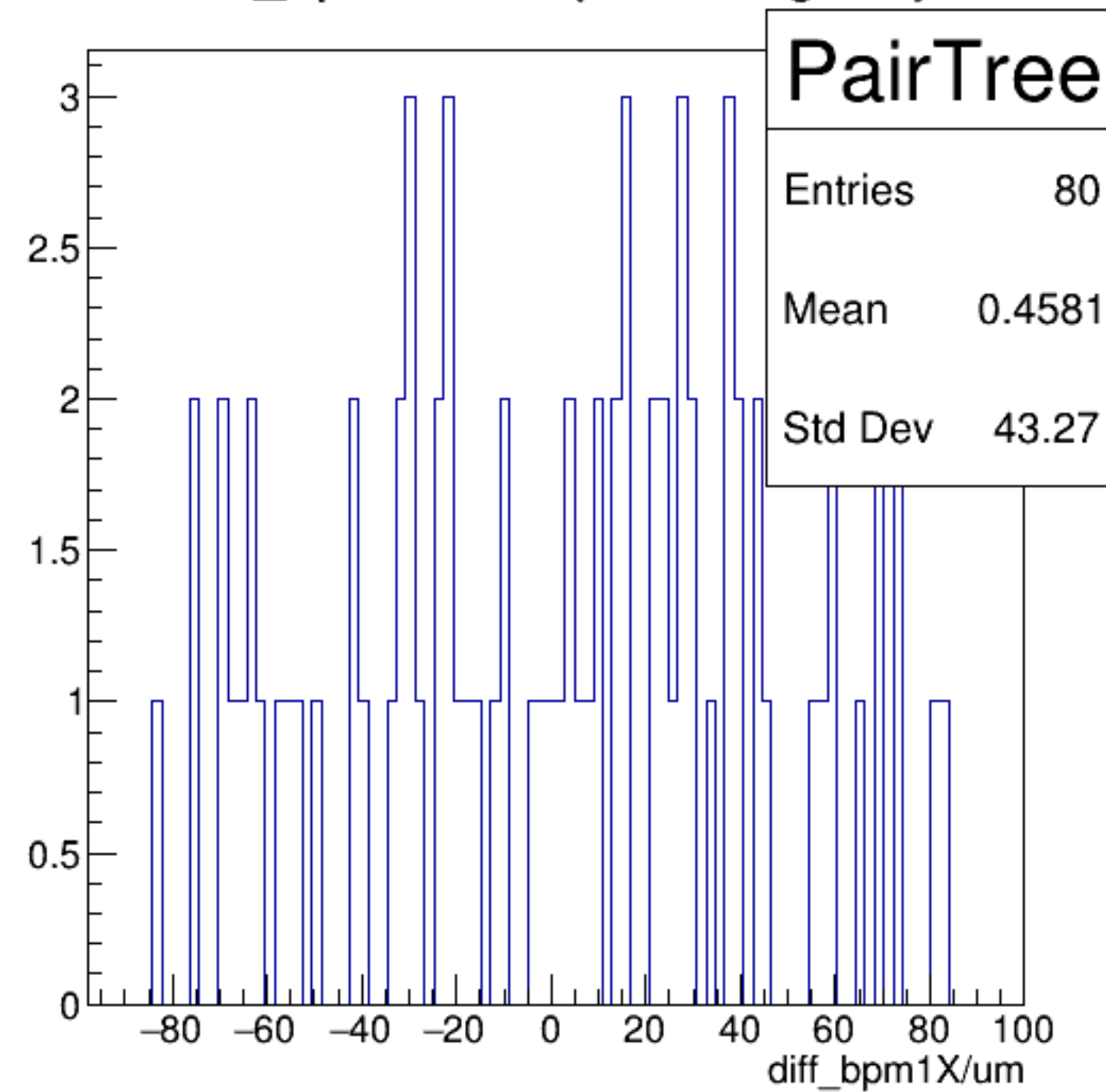
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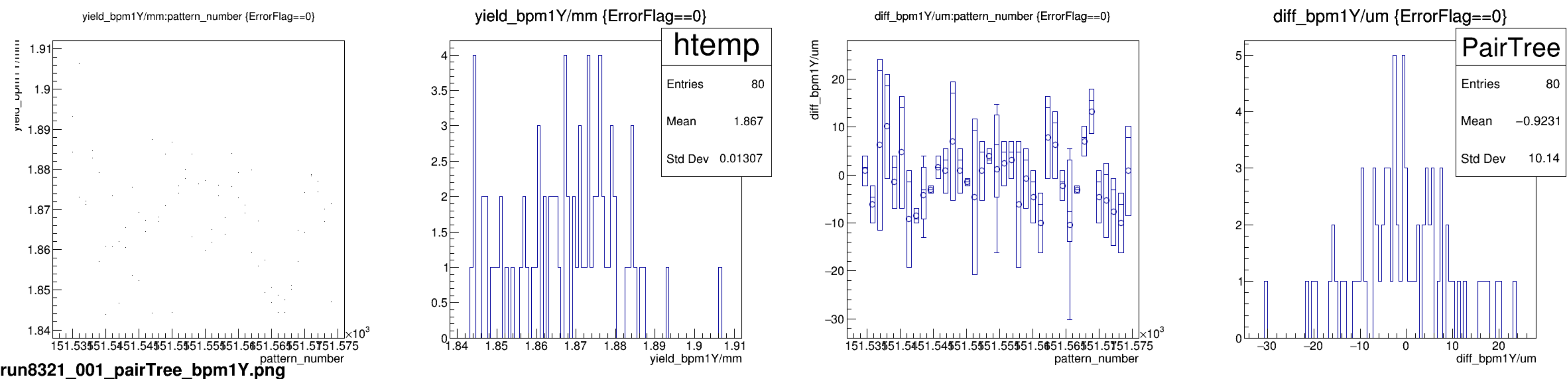


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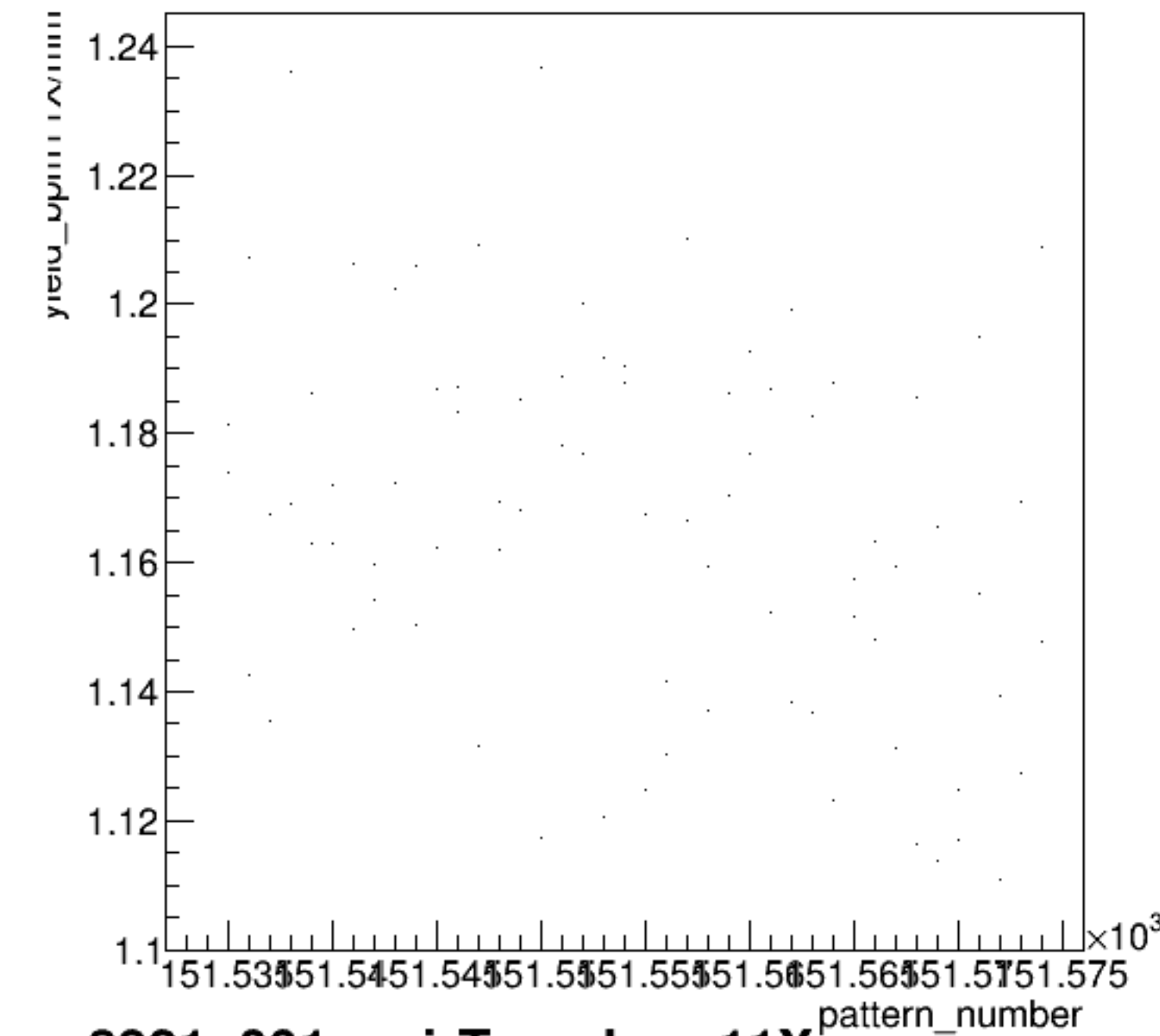


diff_bpm1X/um {ErrorFlag==0}



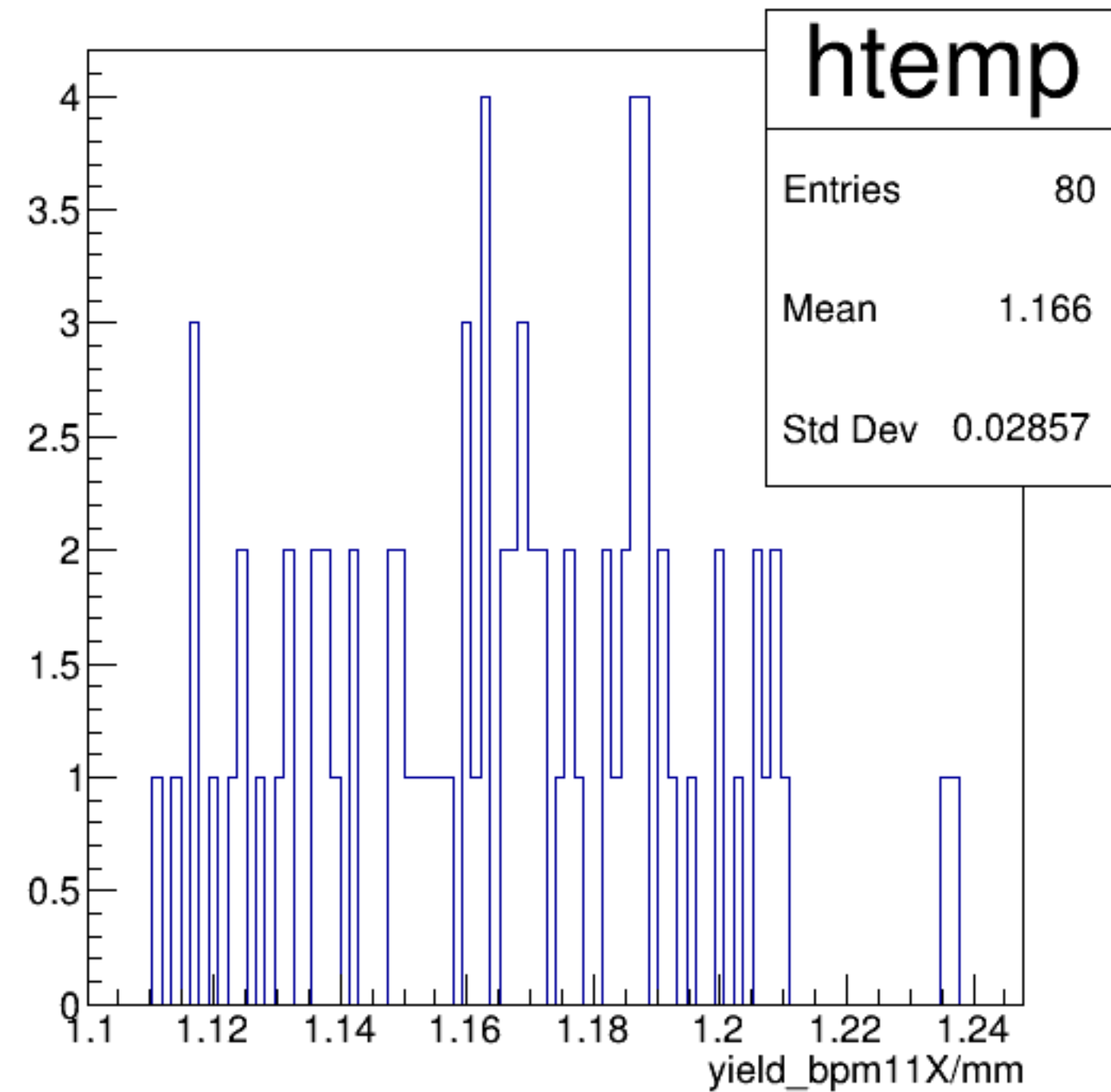


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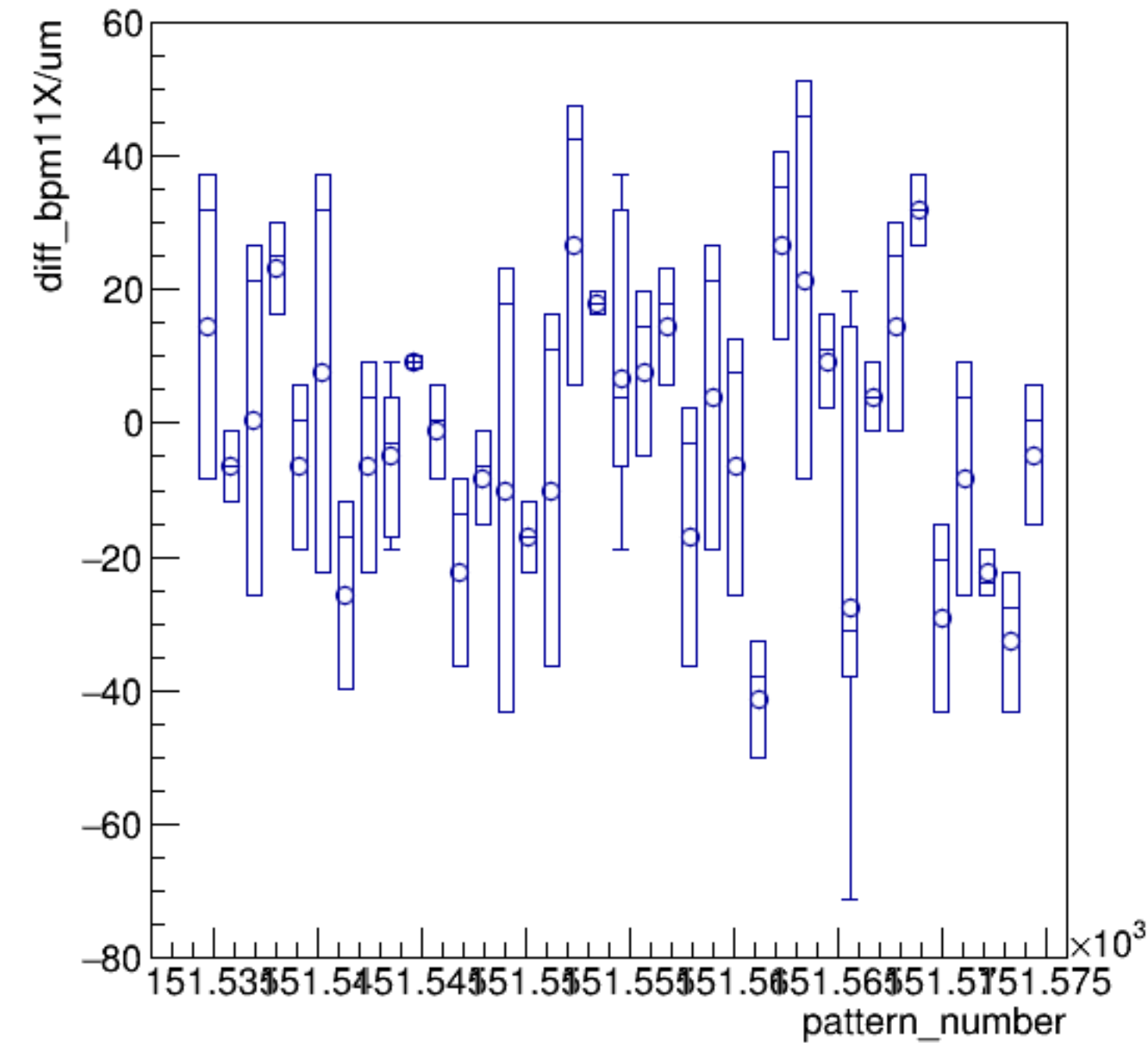


run8321_001_pairTree_bpm11X.png

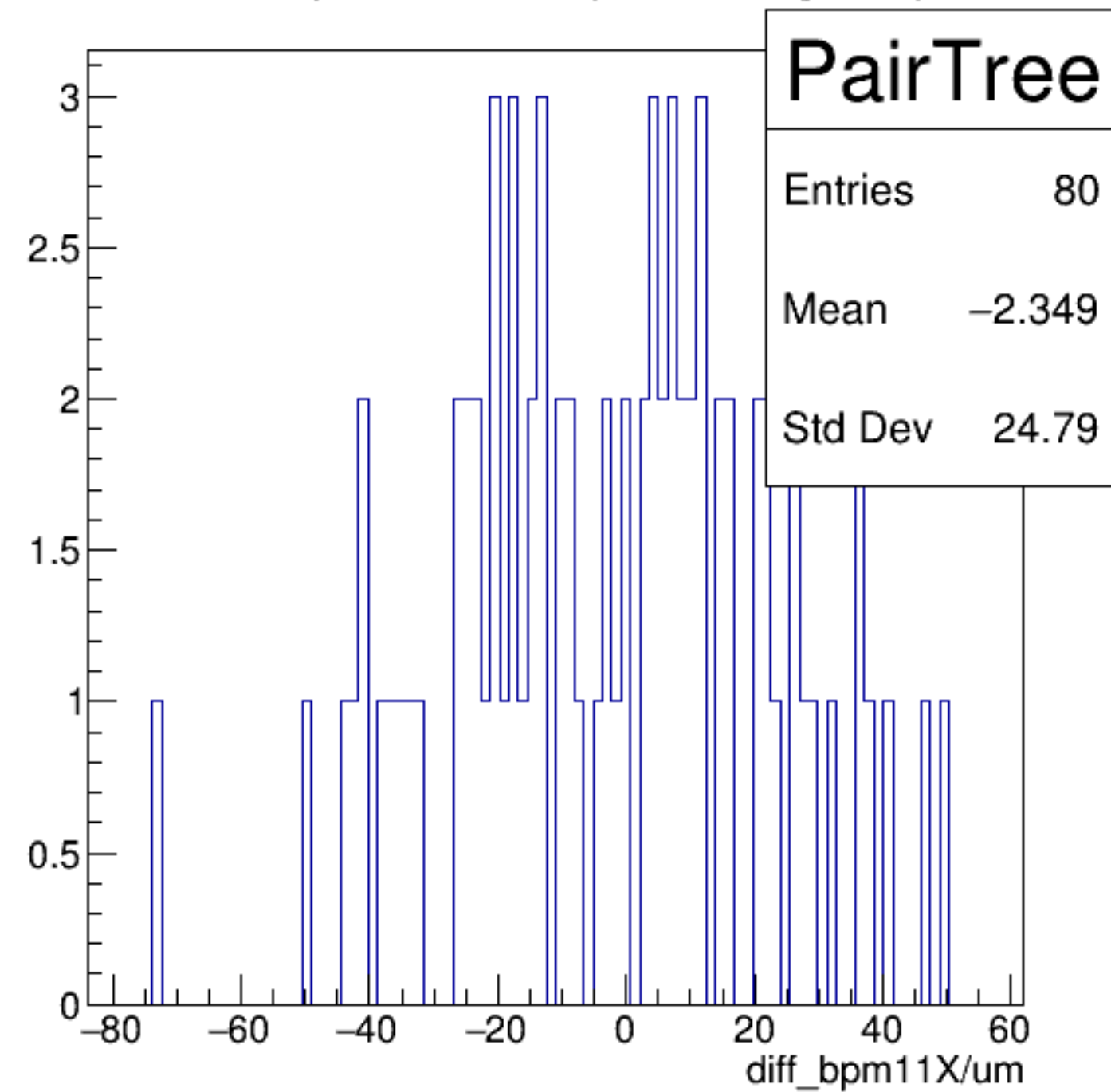
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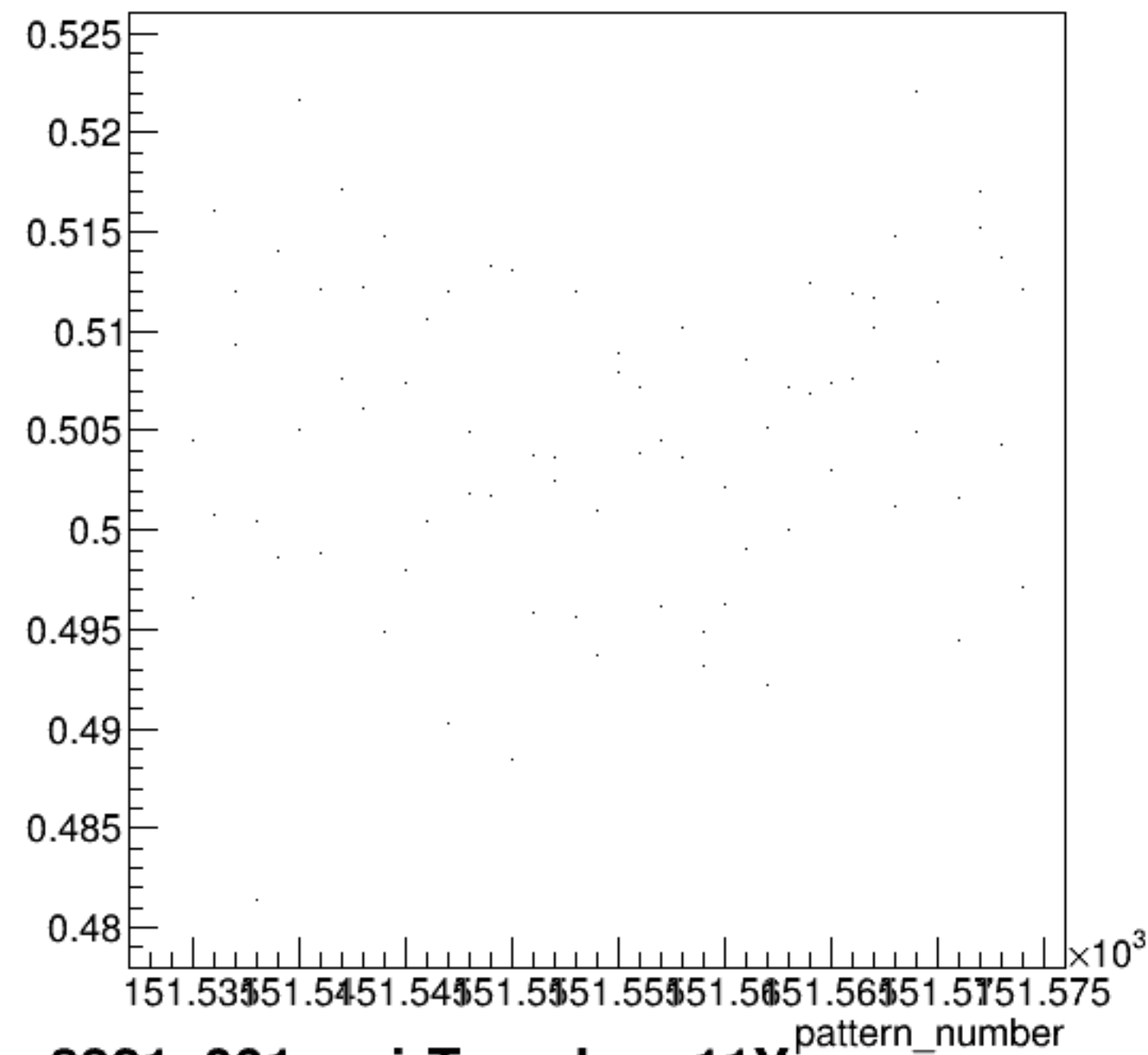
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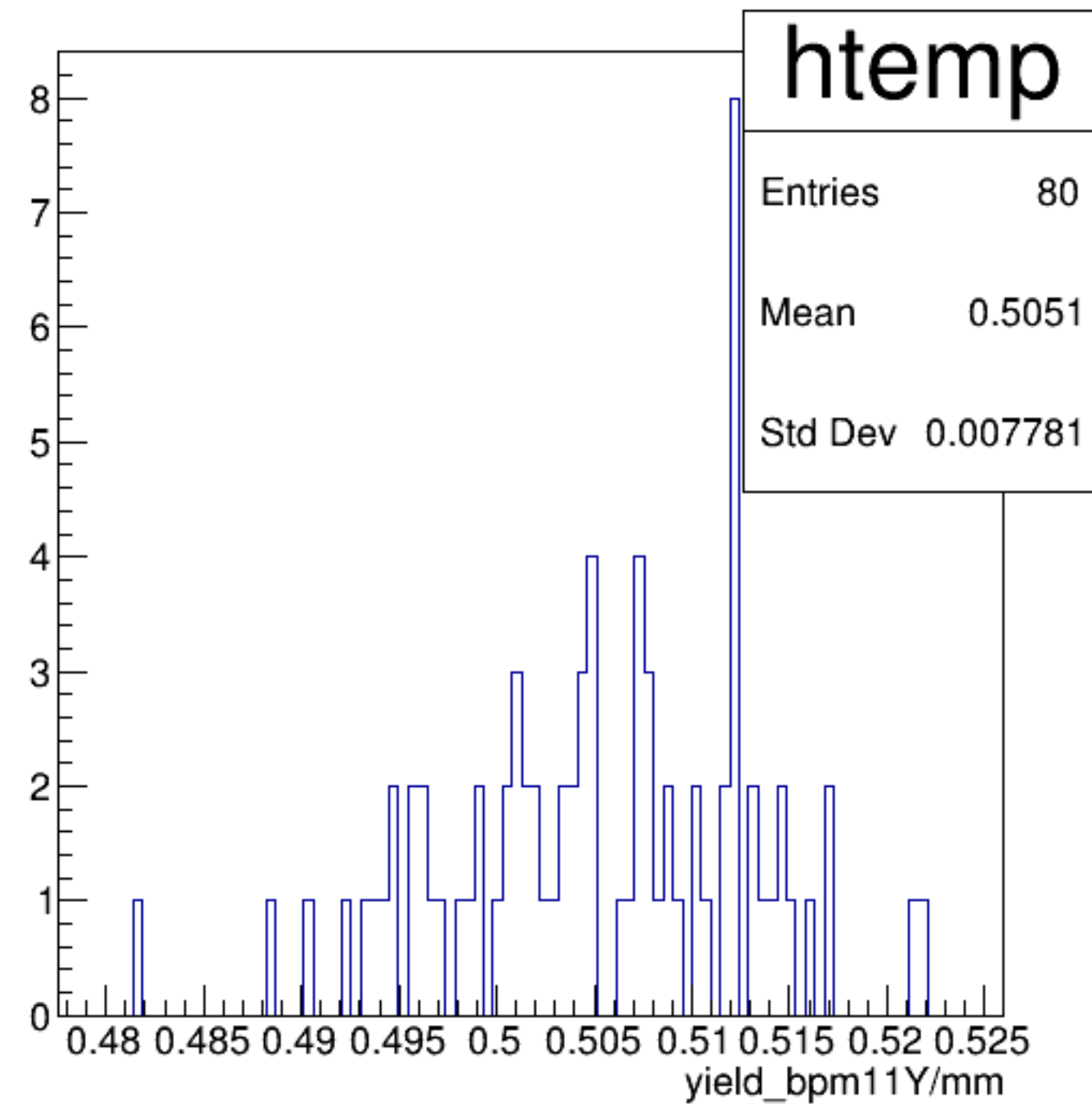
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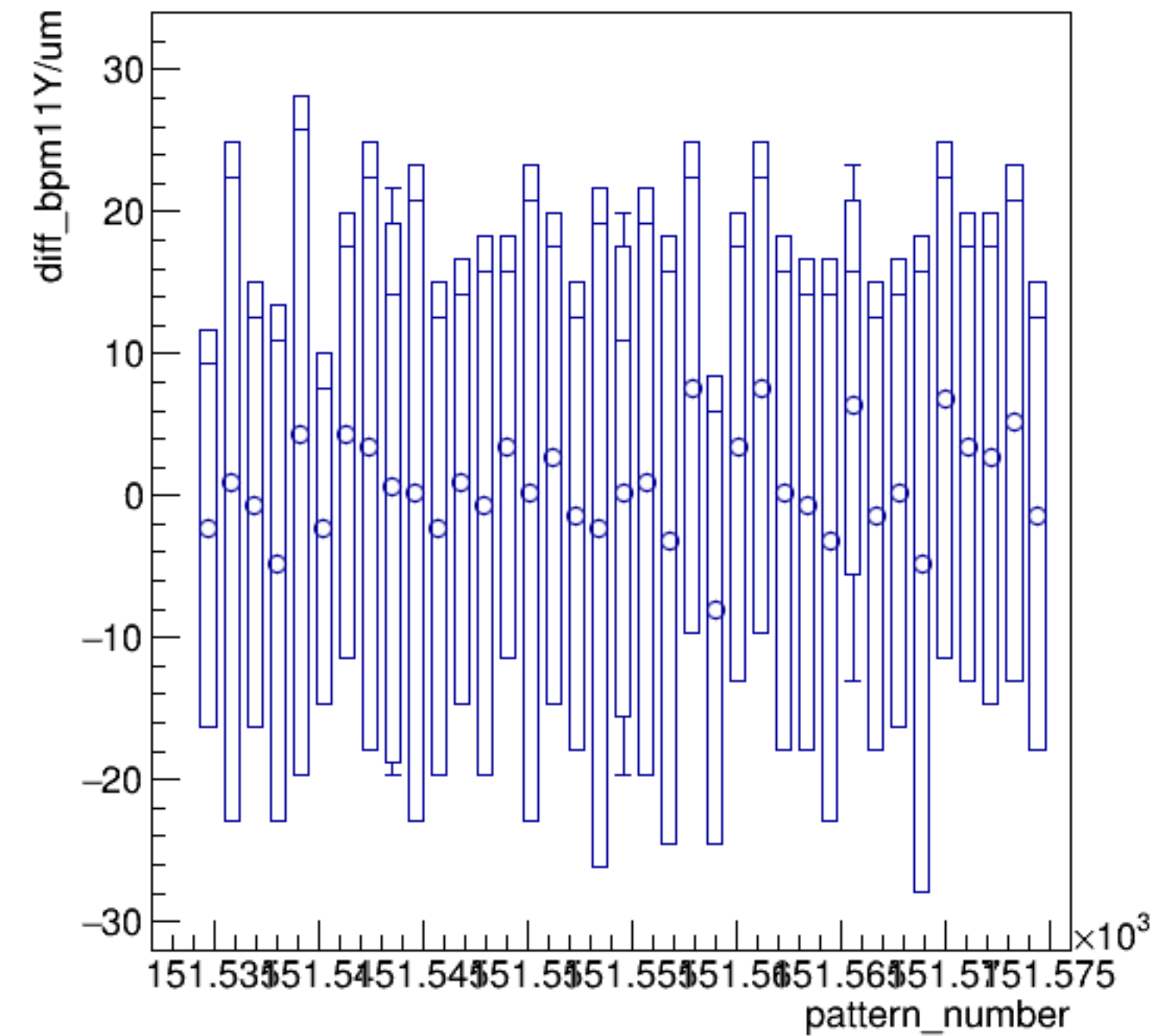
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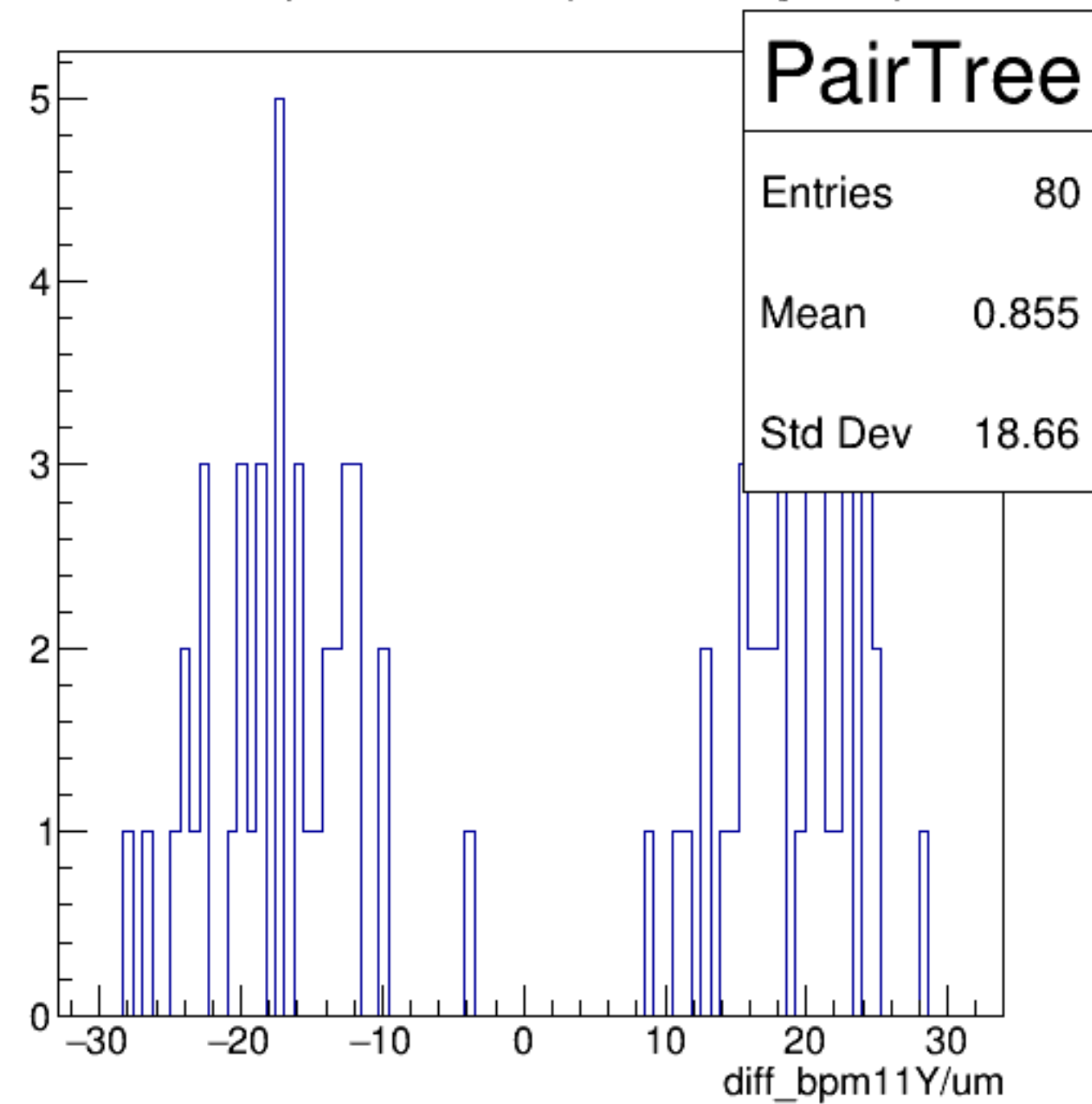
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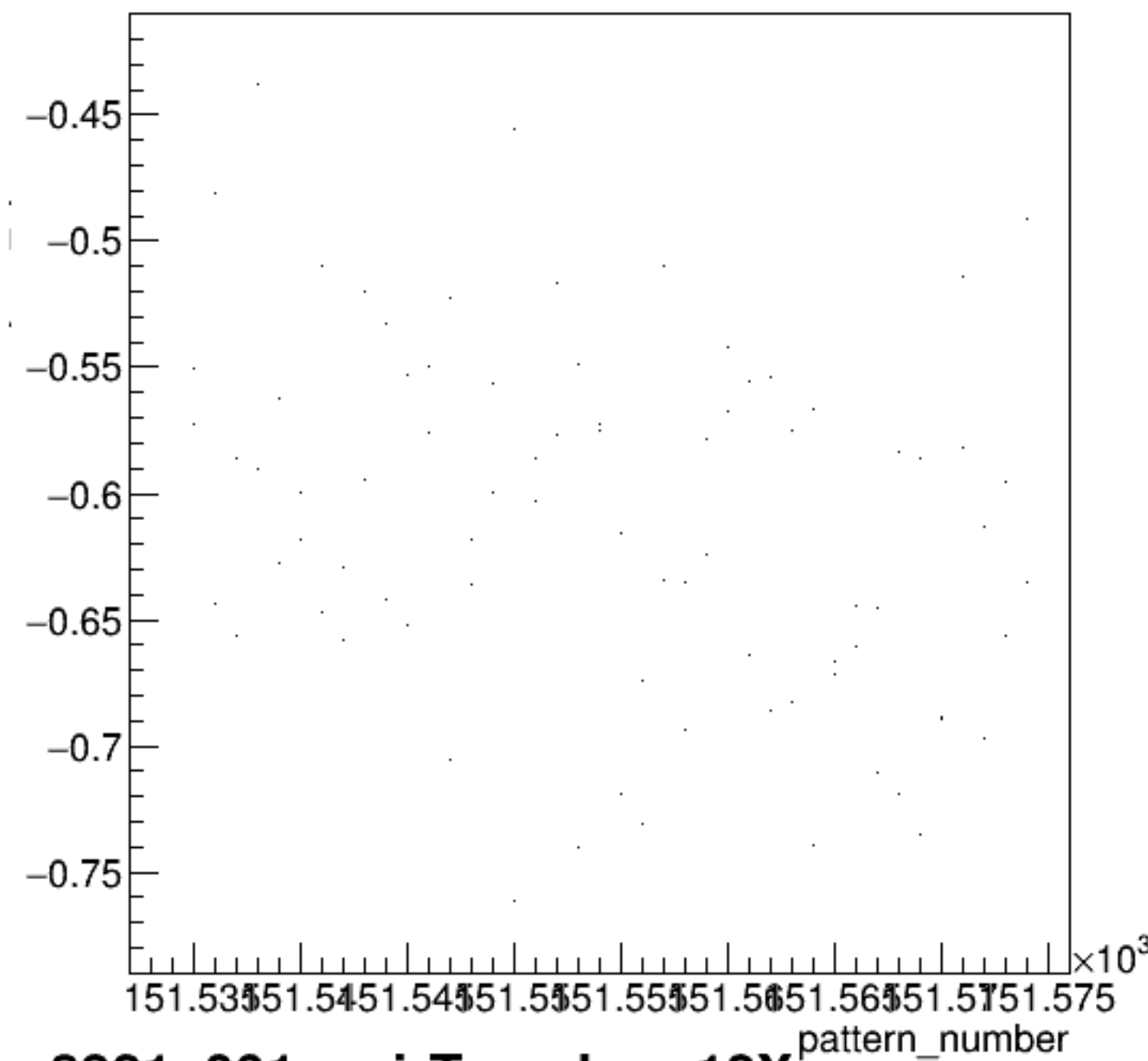
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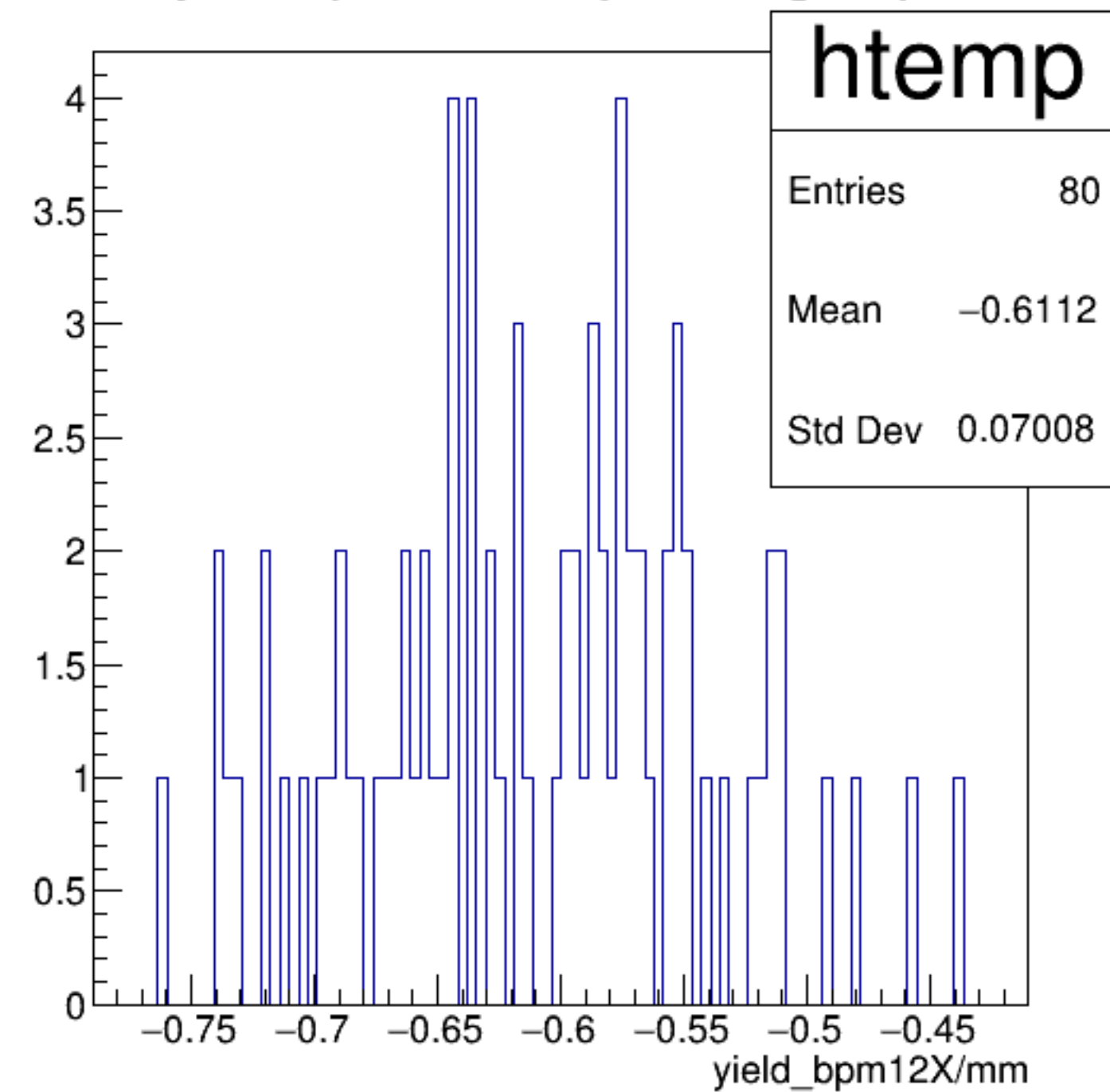
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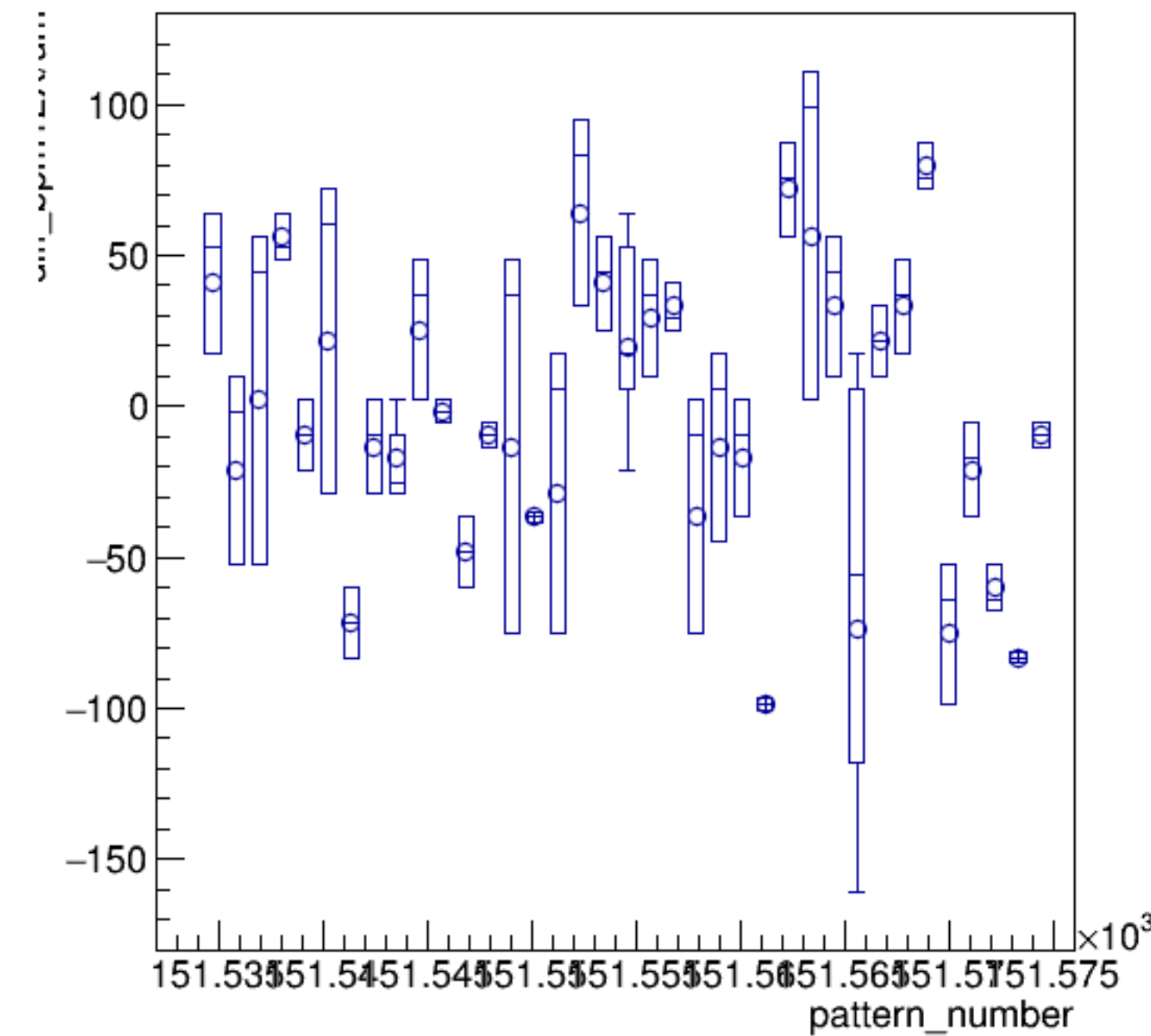
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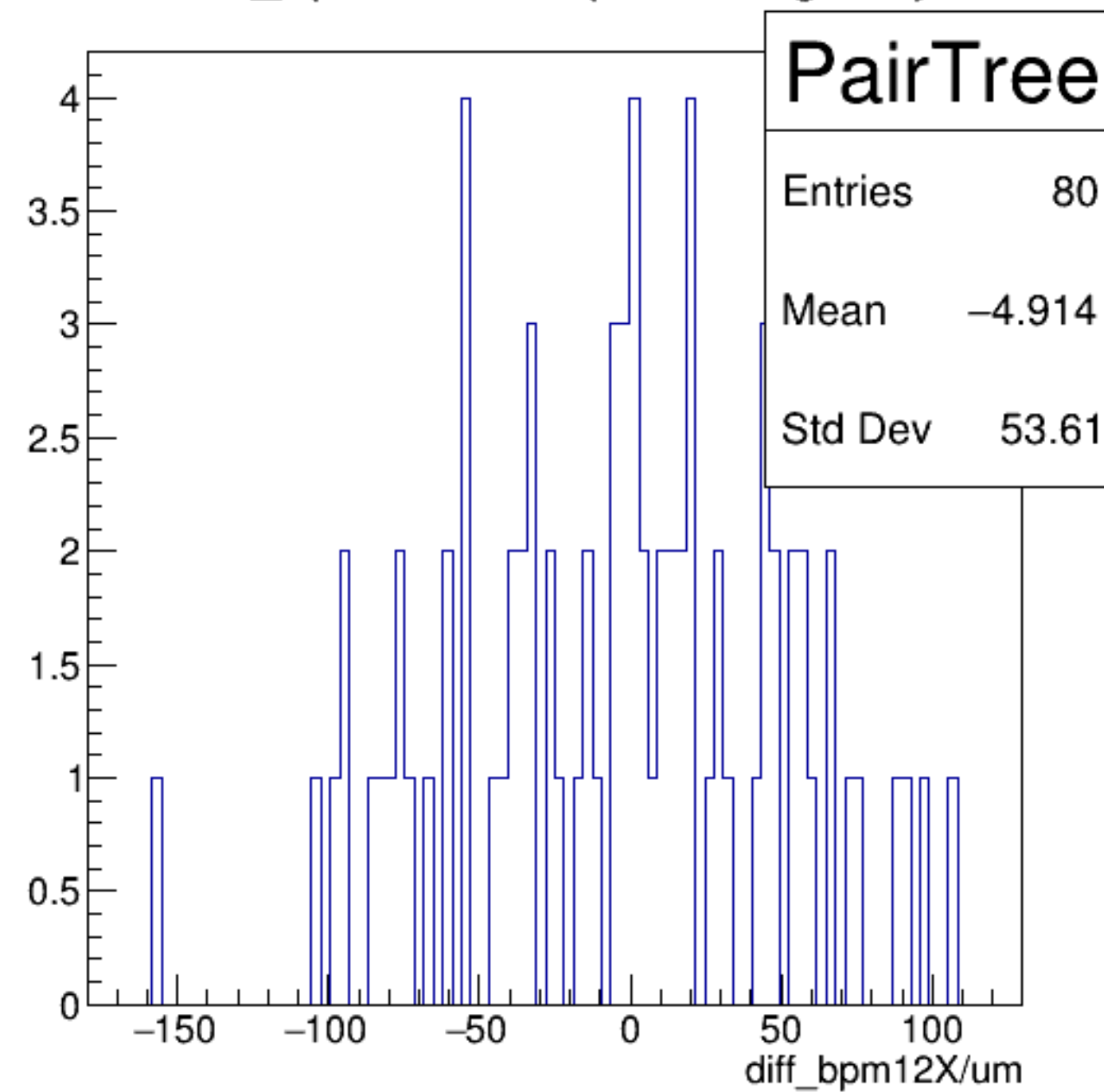
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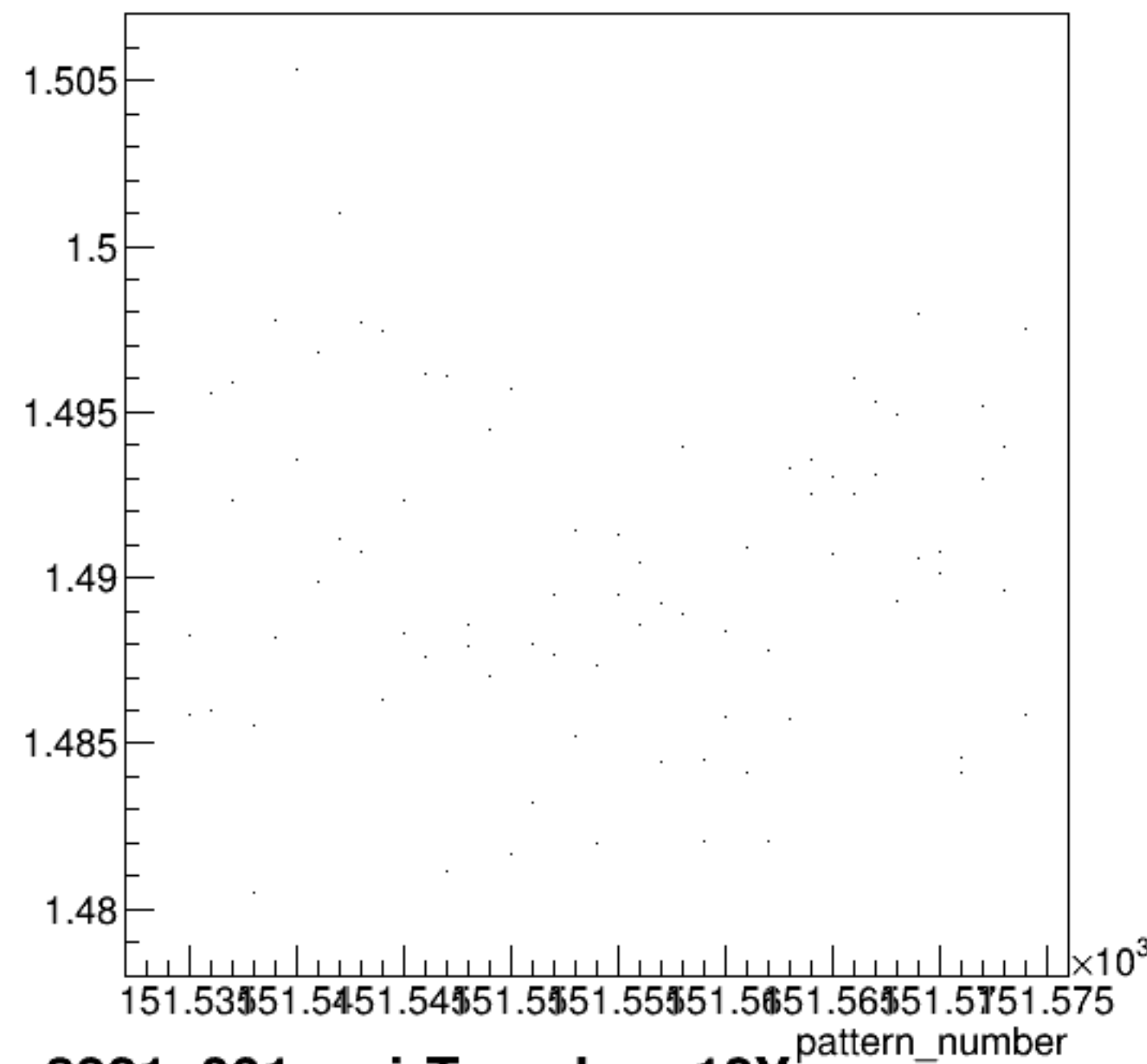
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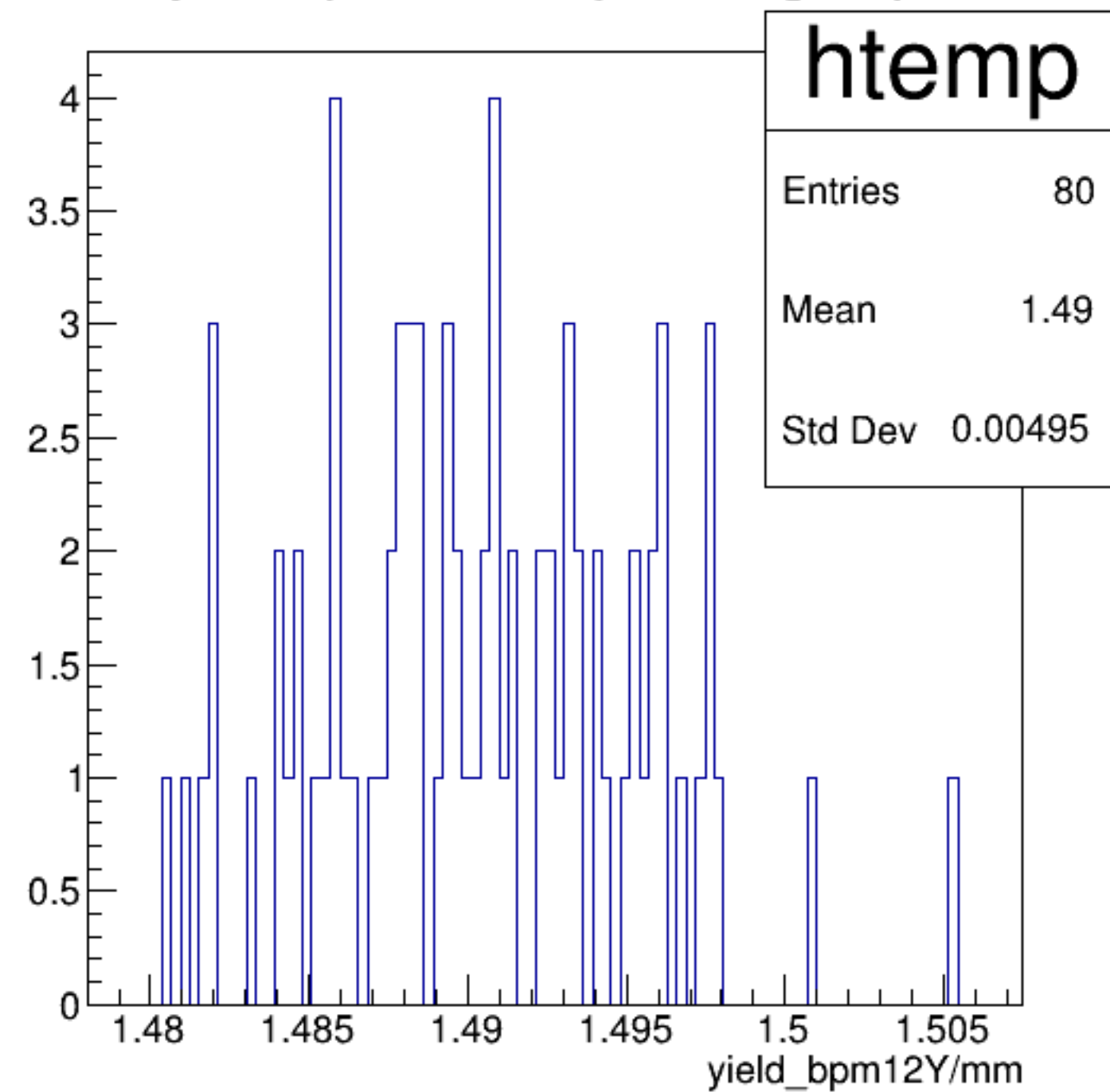
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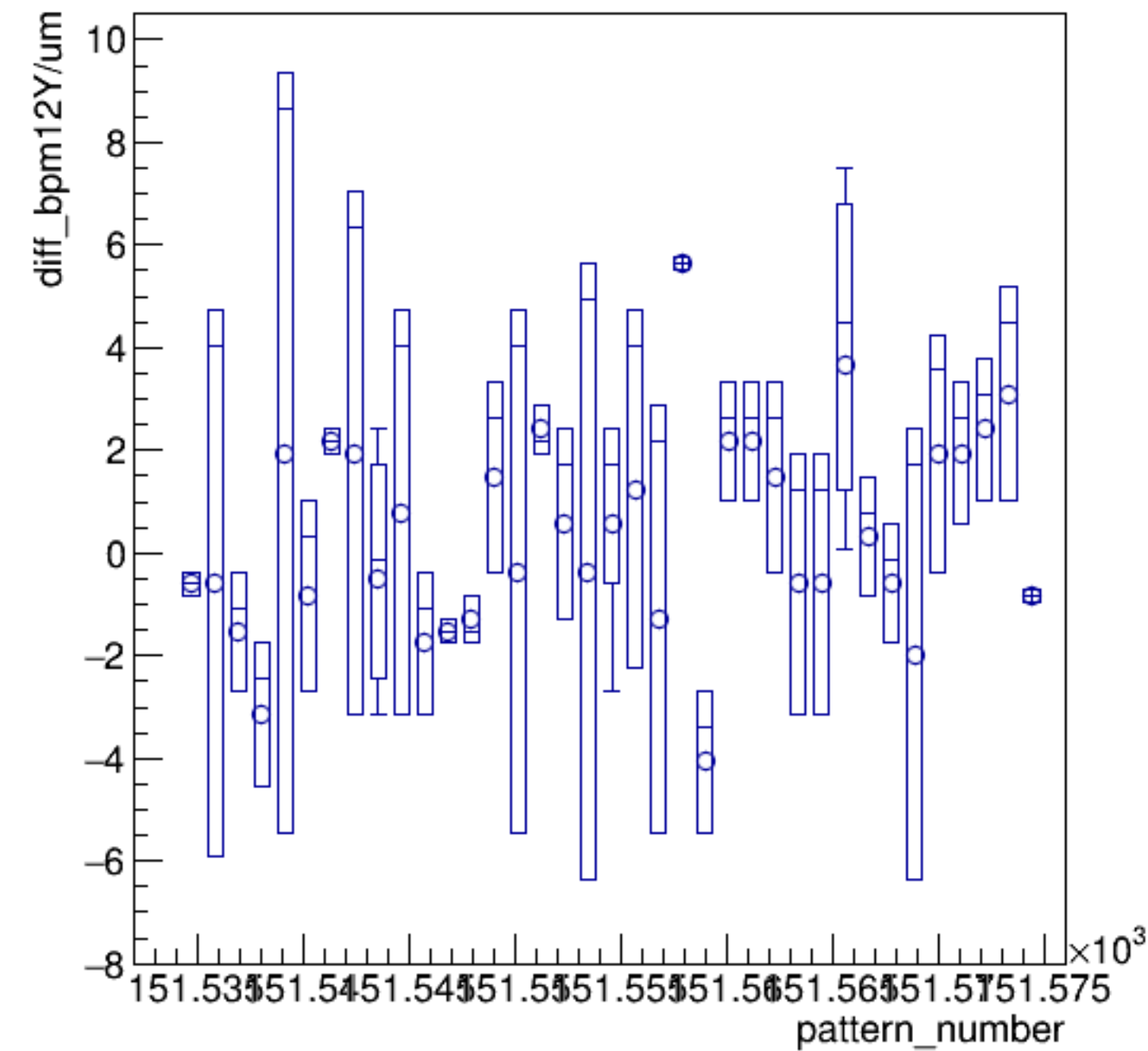
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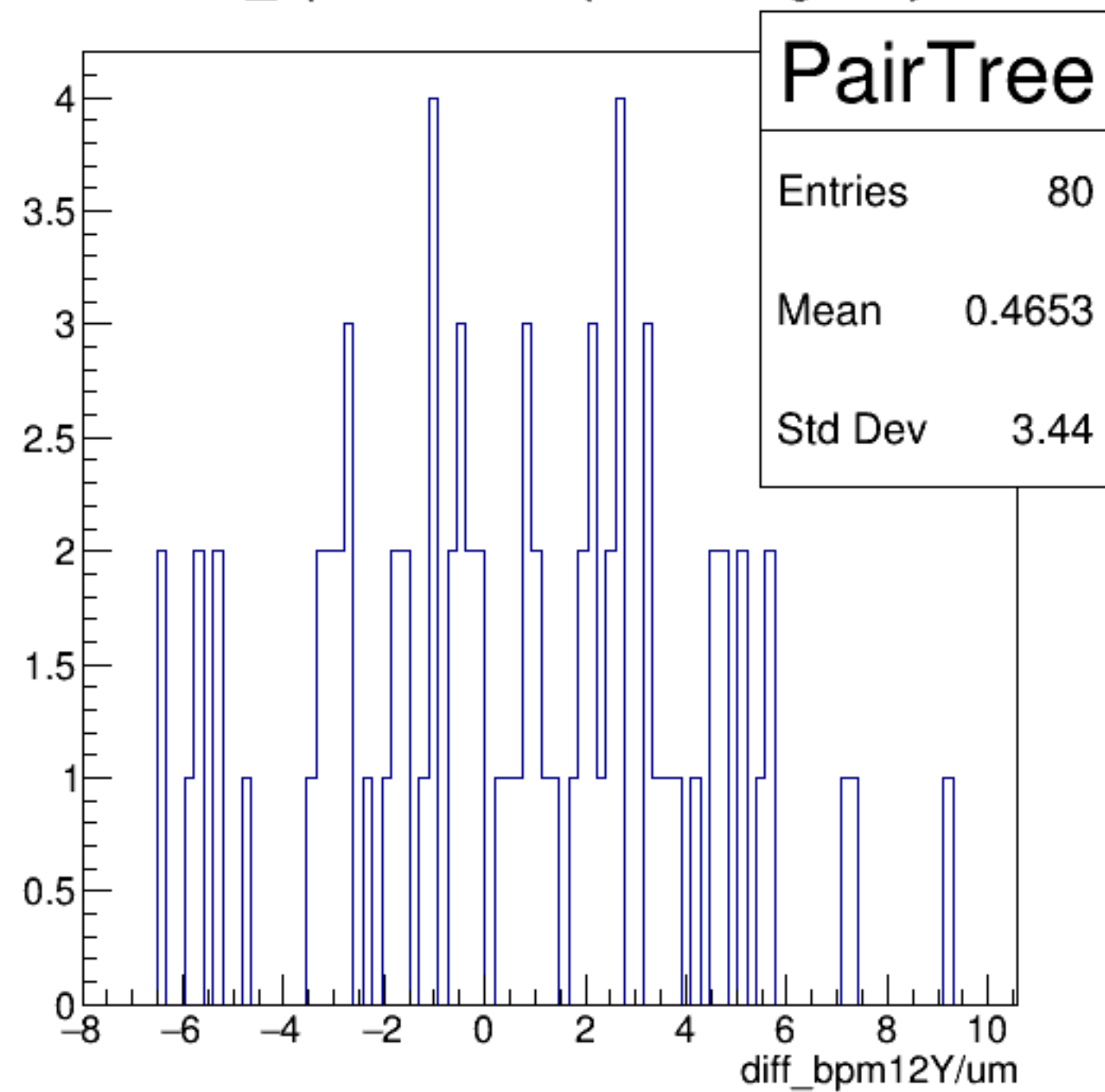
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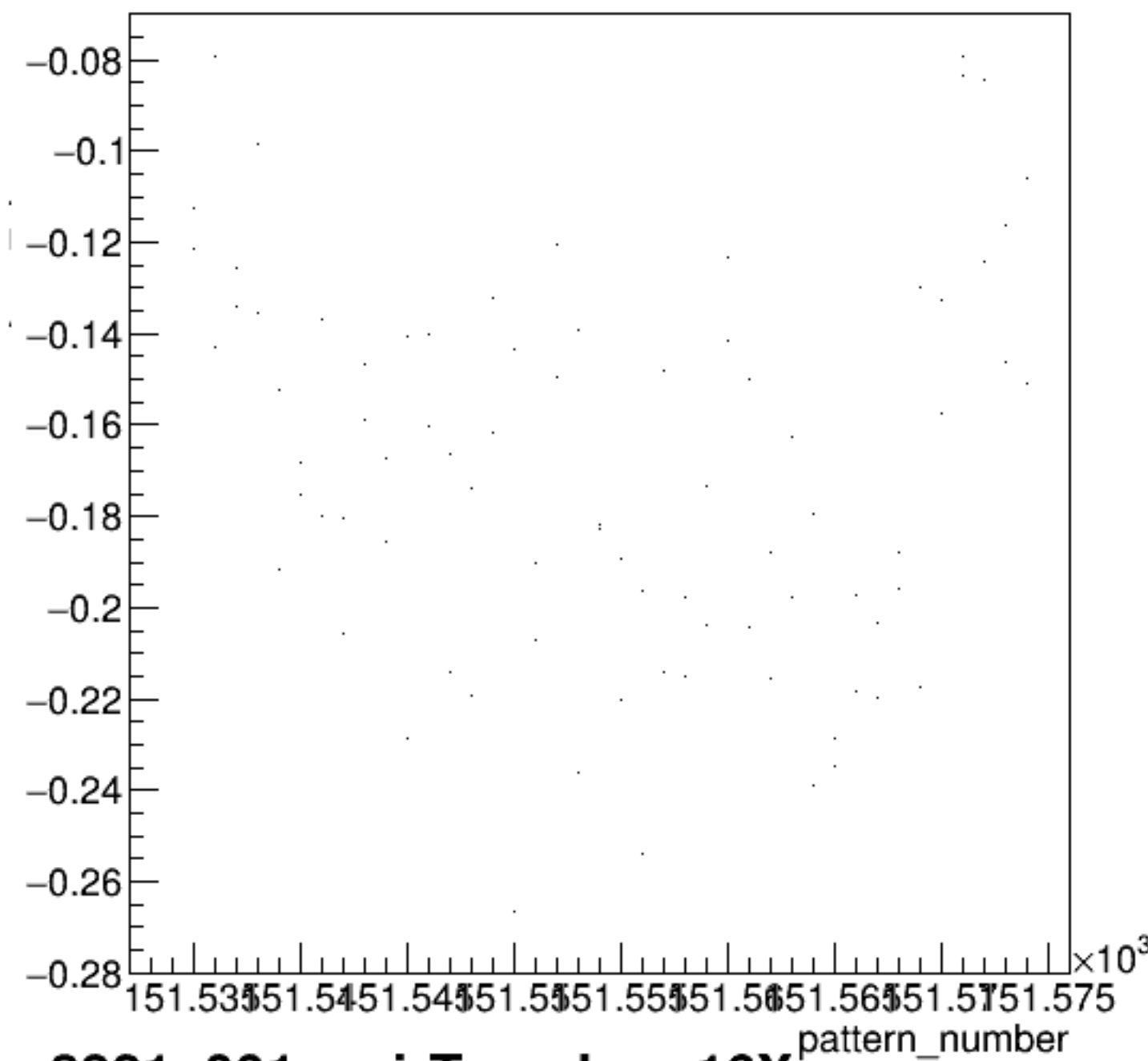
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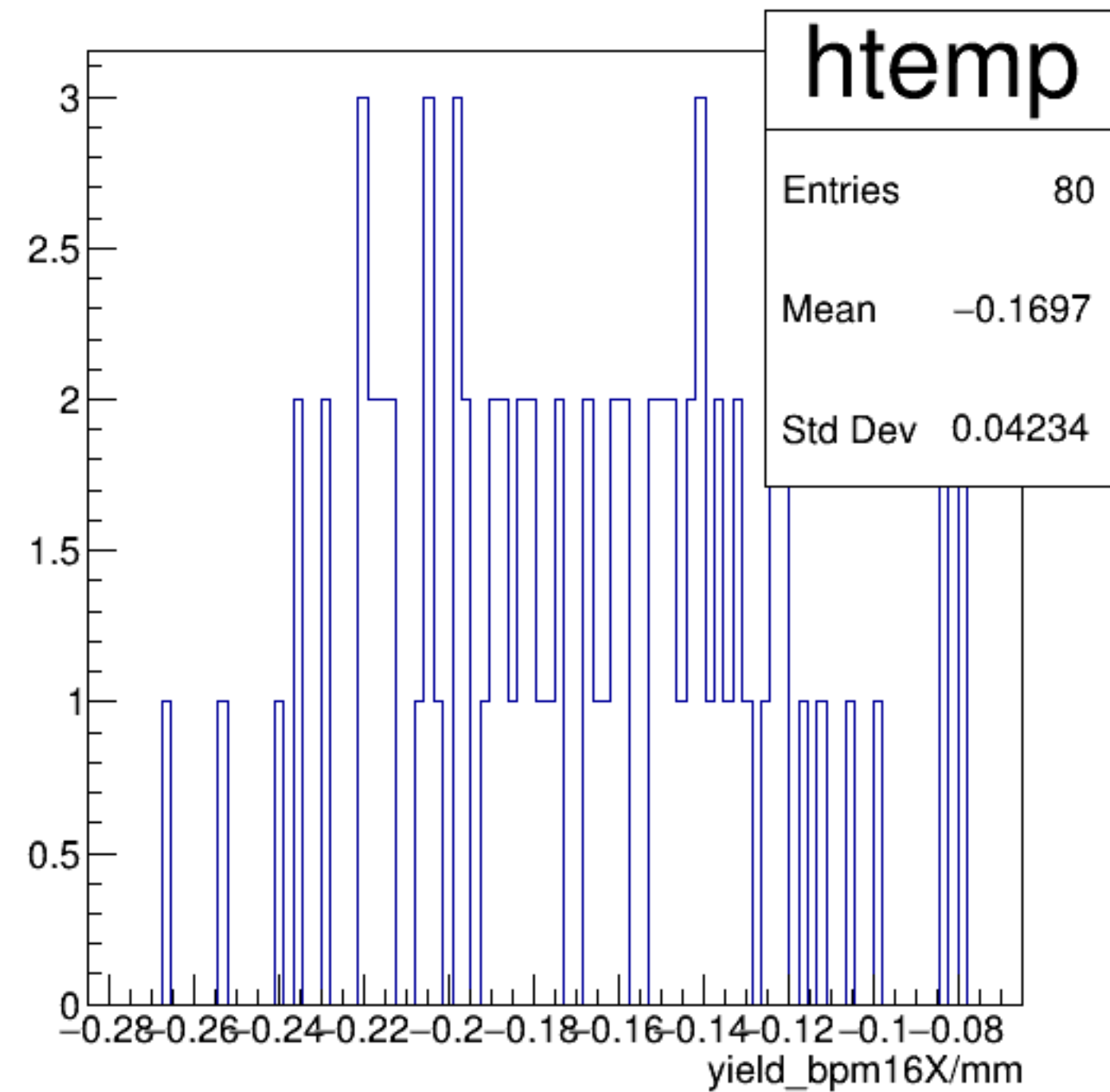


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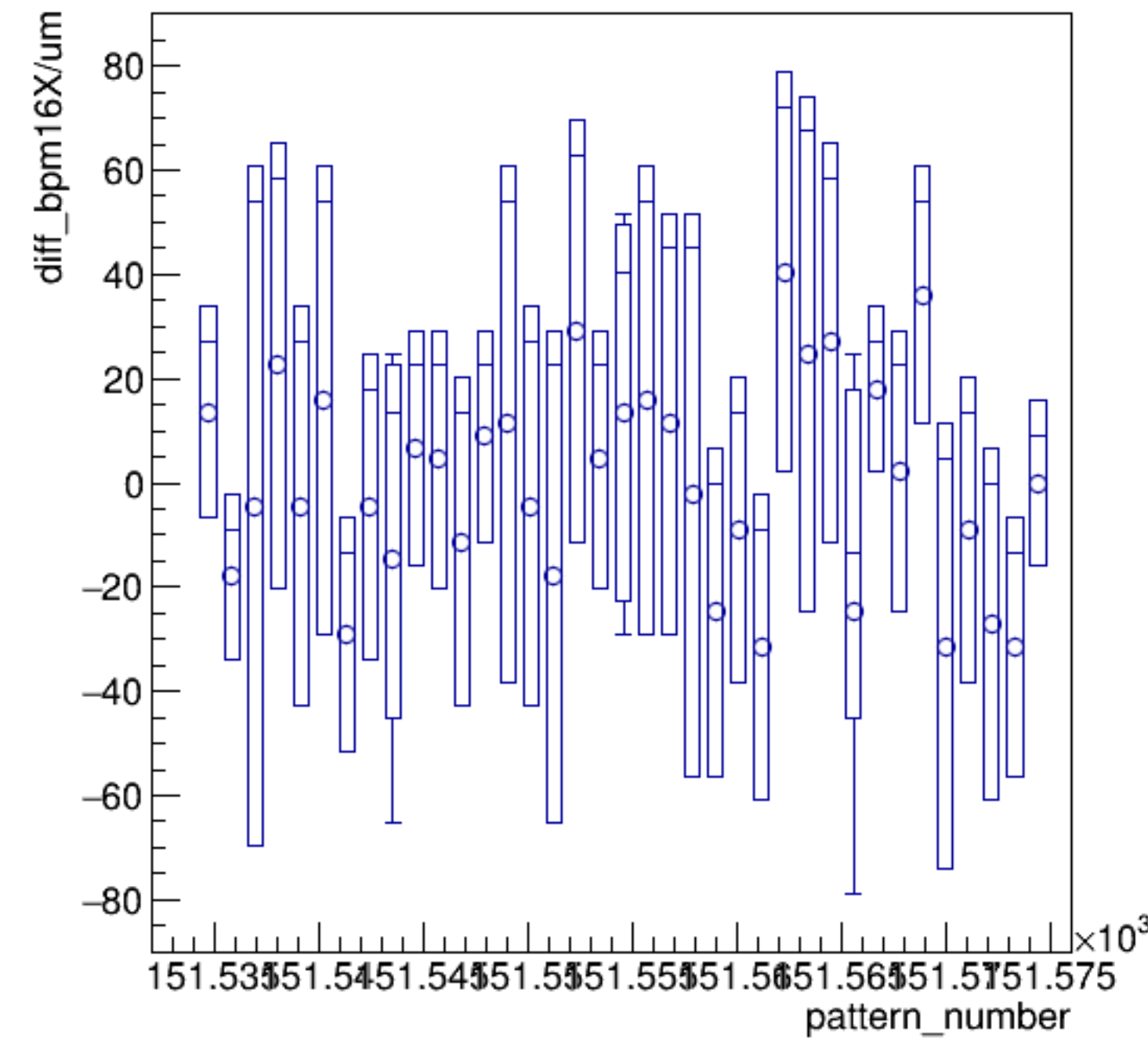


run8321_001_pairTree_bpm16X.png

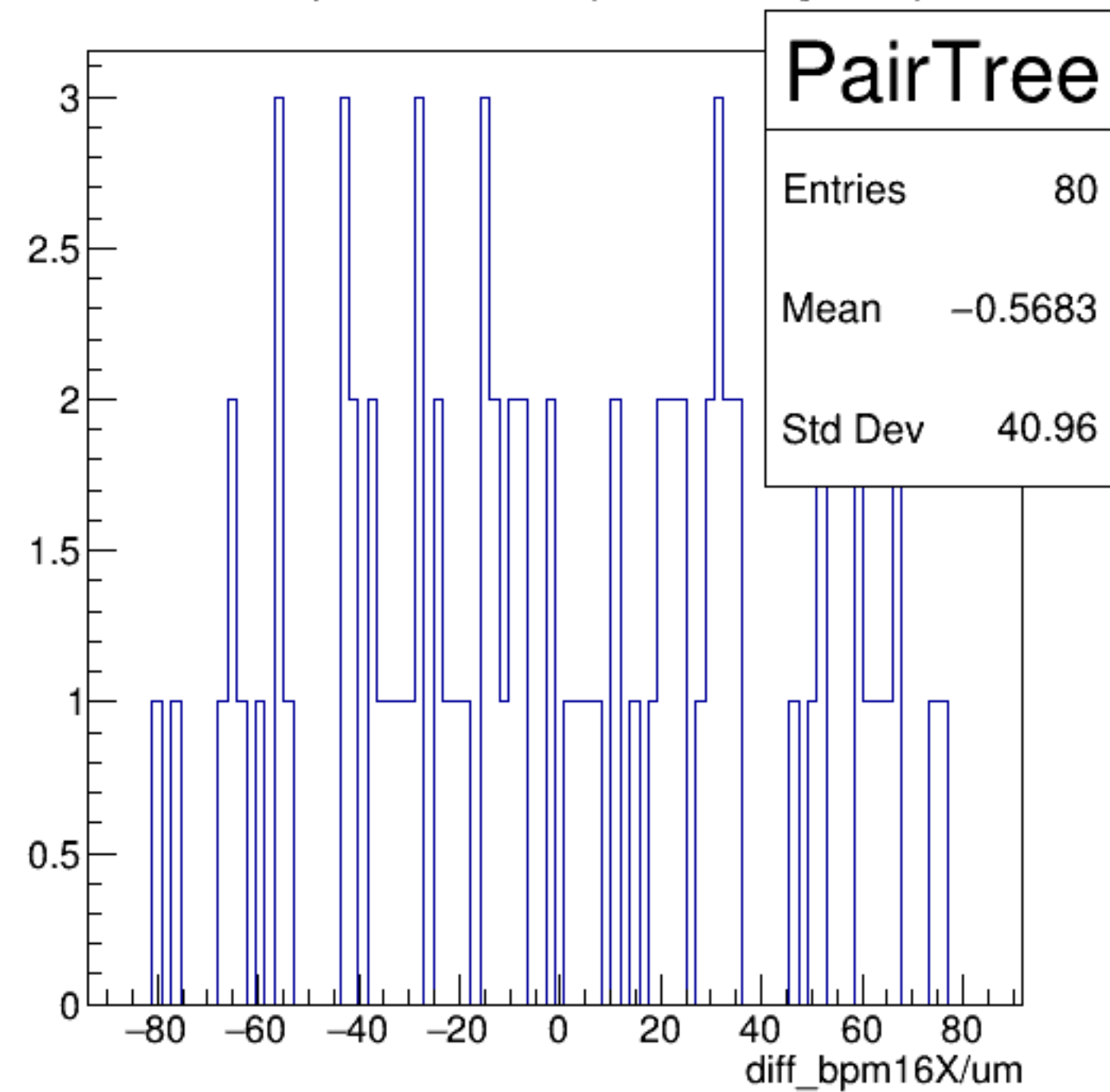
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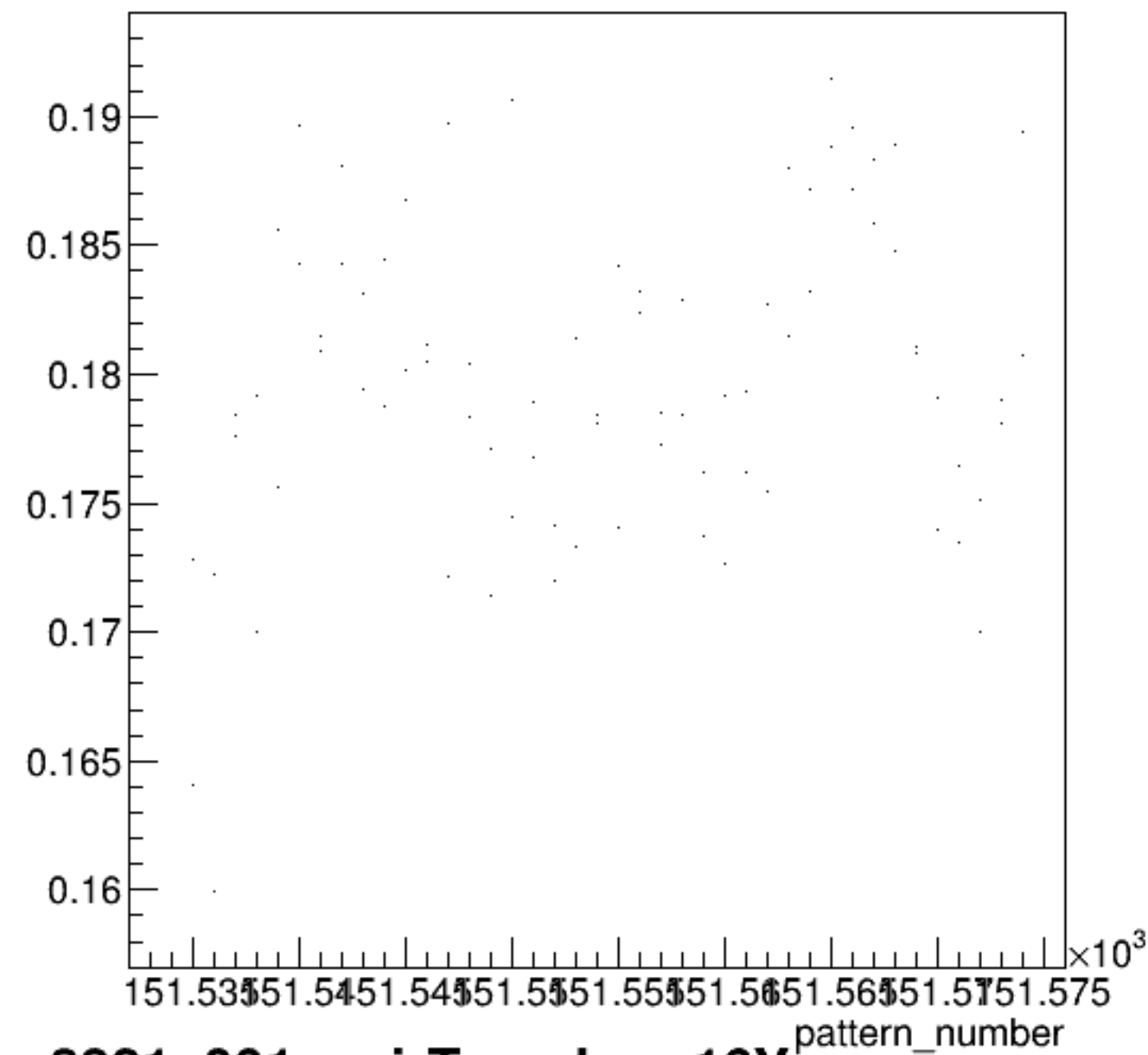
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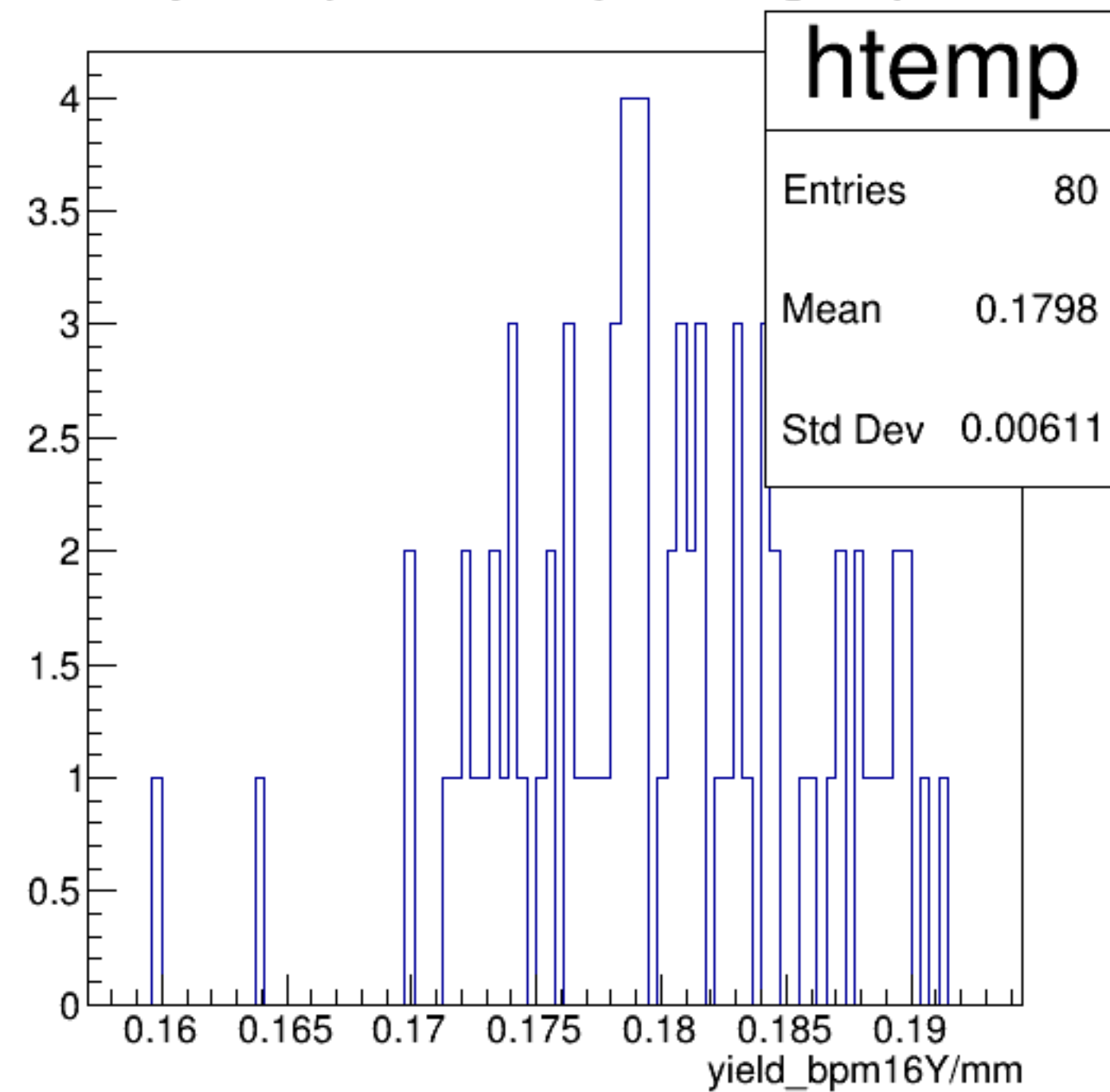


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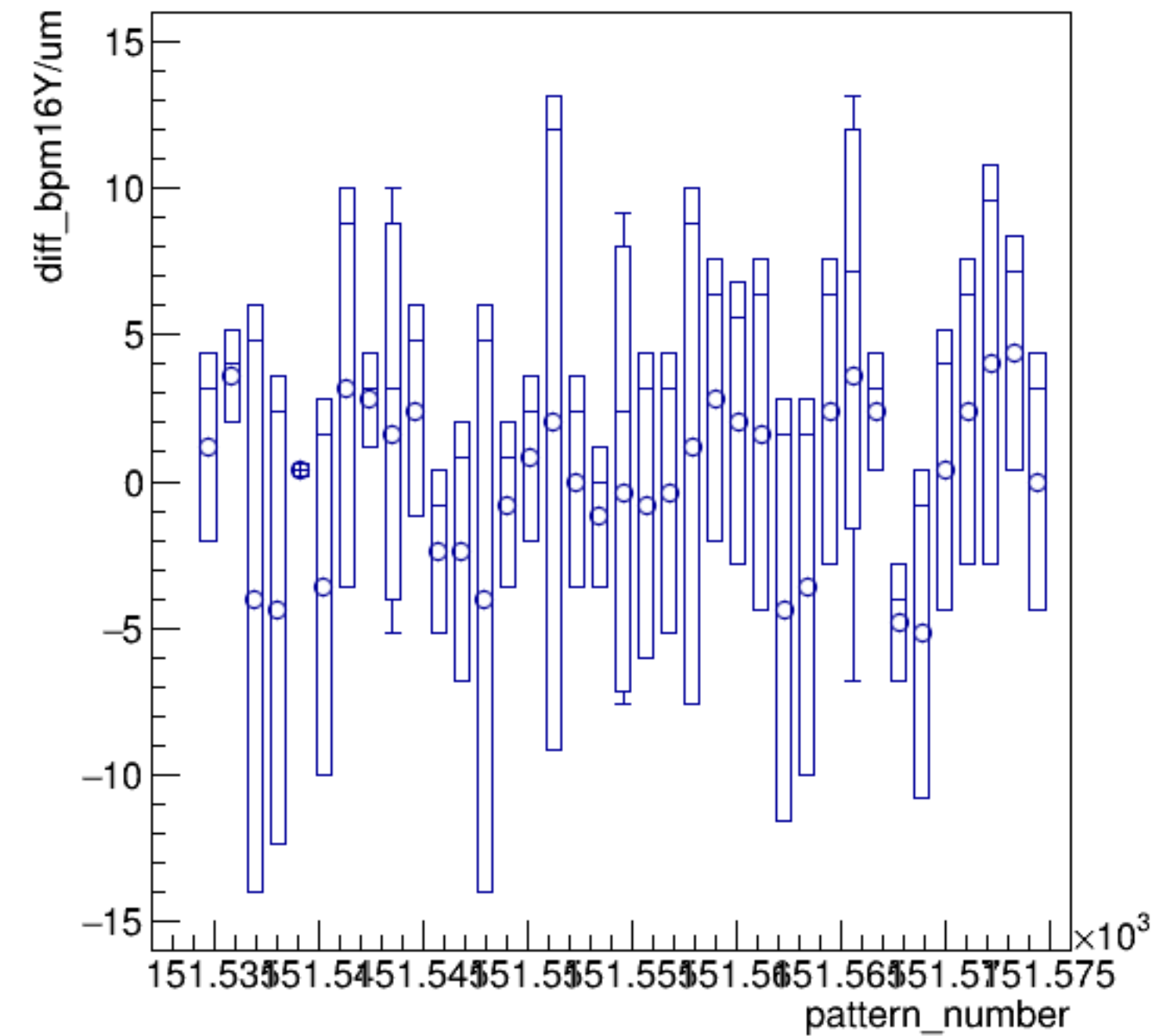


run8321_001_pairTree_bpm16Y.png

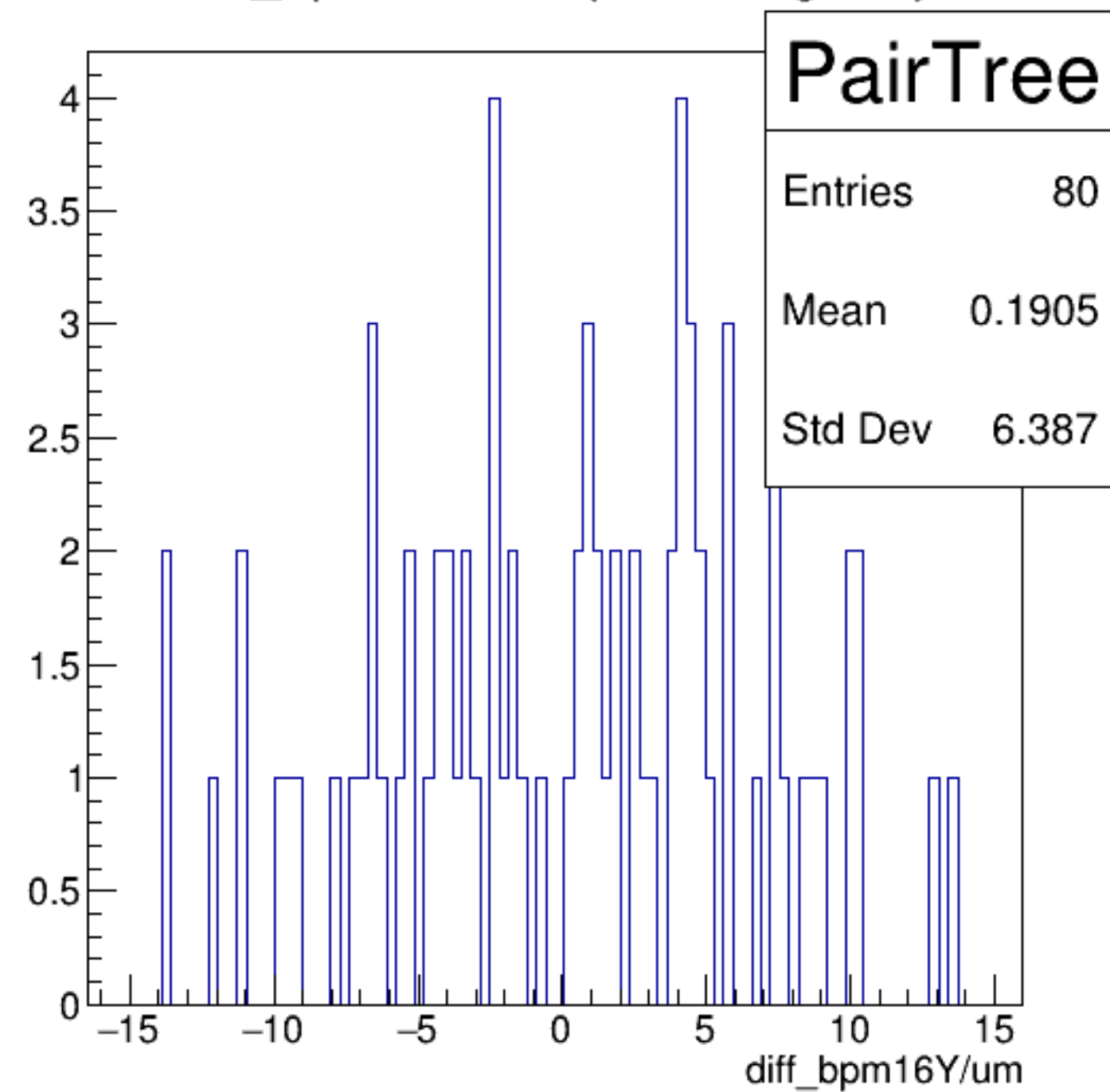
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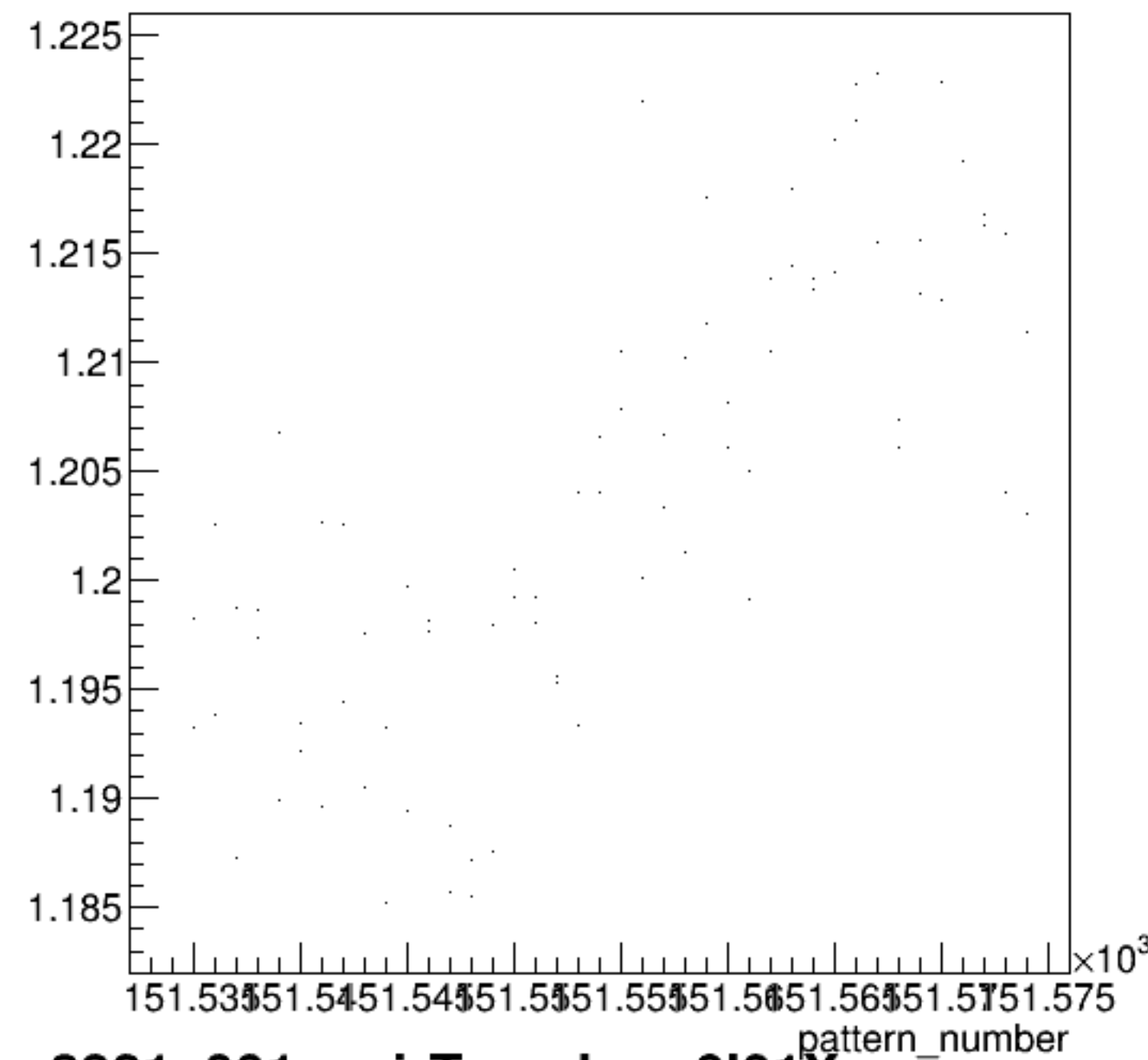
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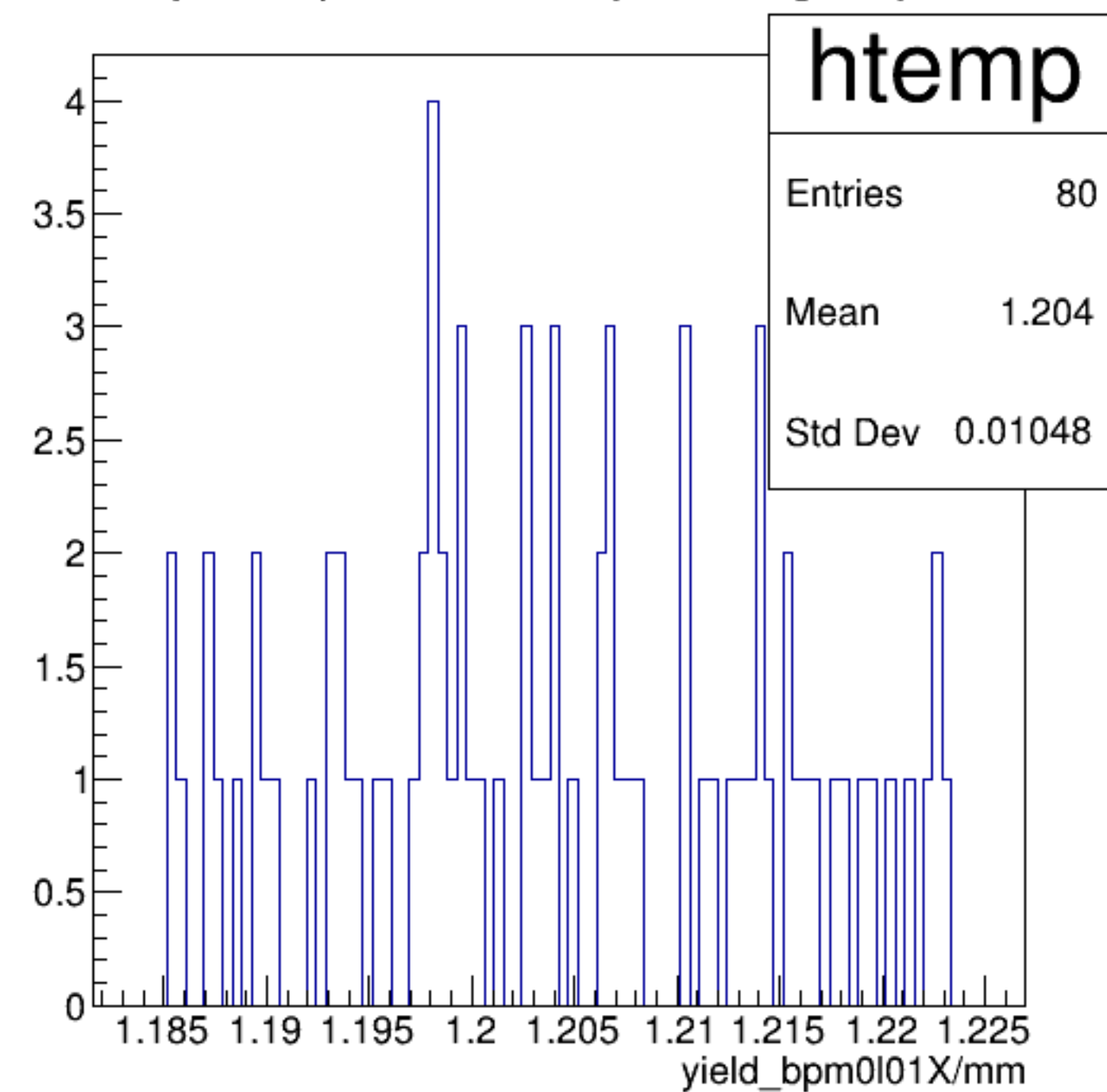
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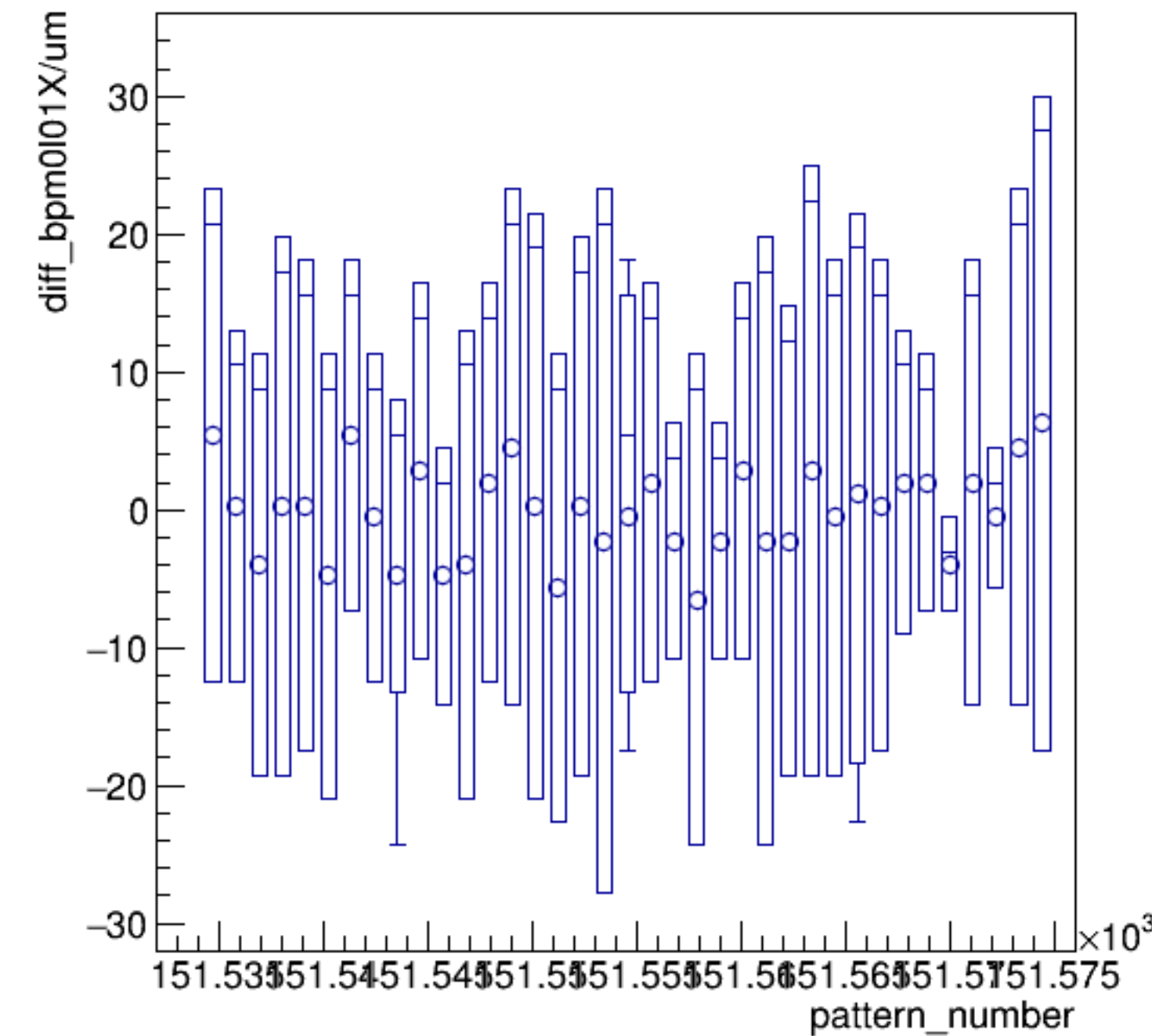
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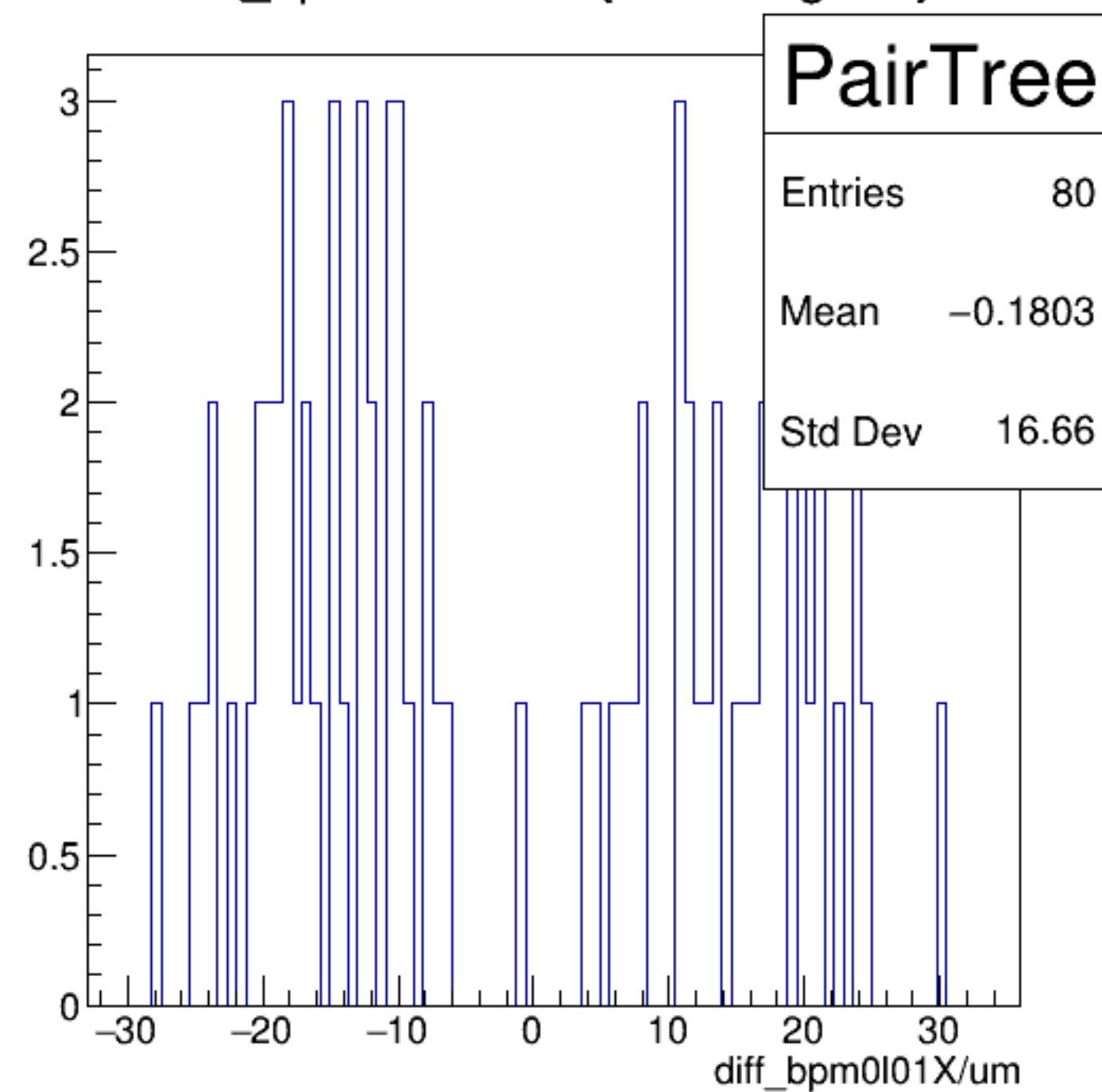
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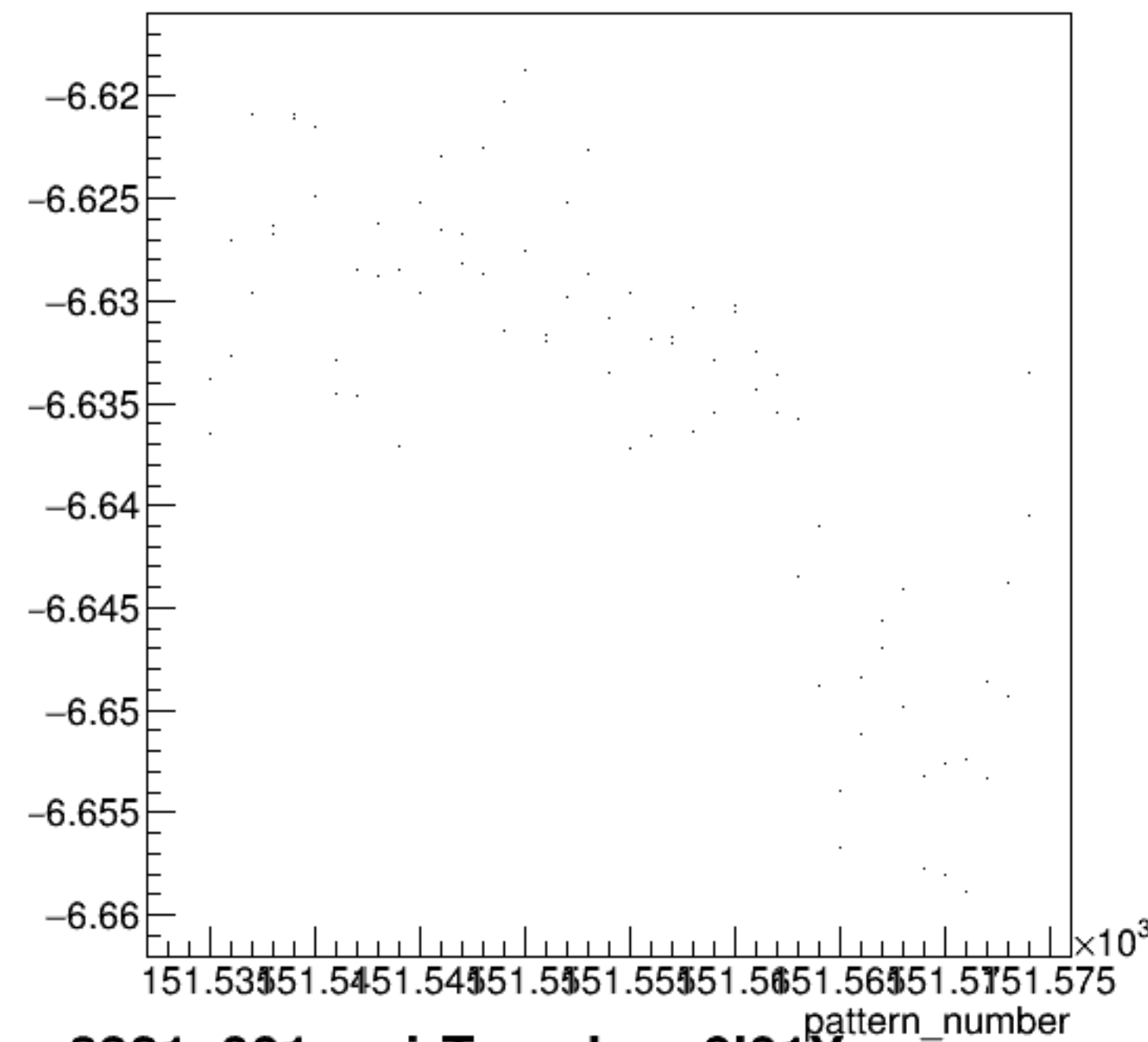
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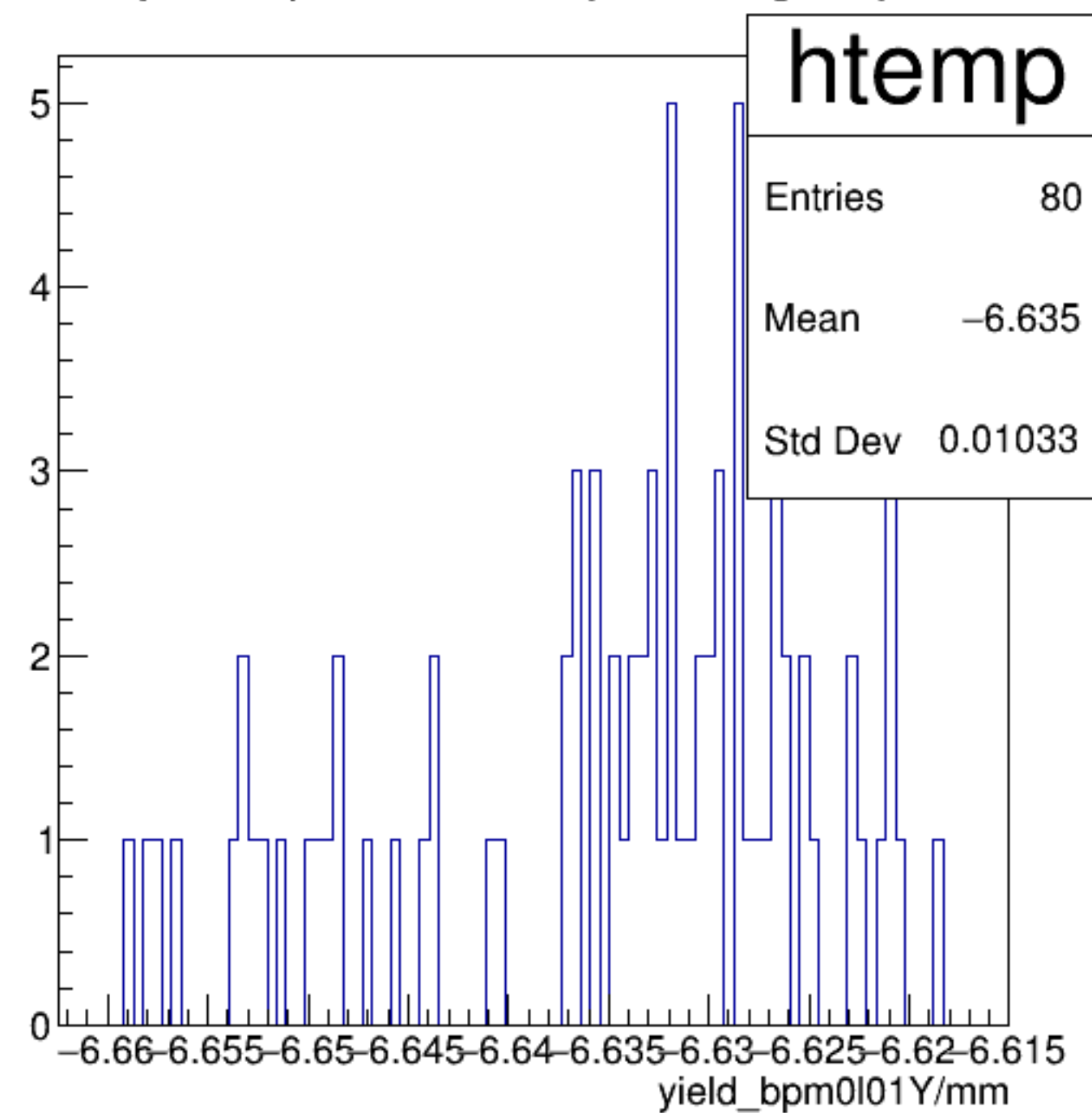
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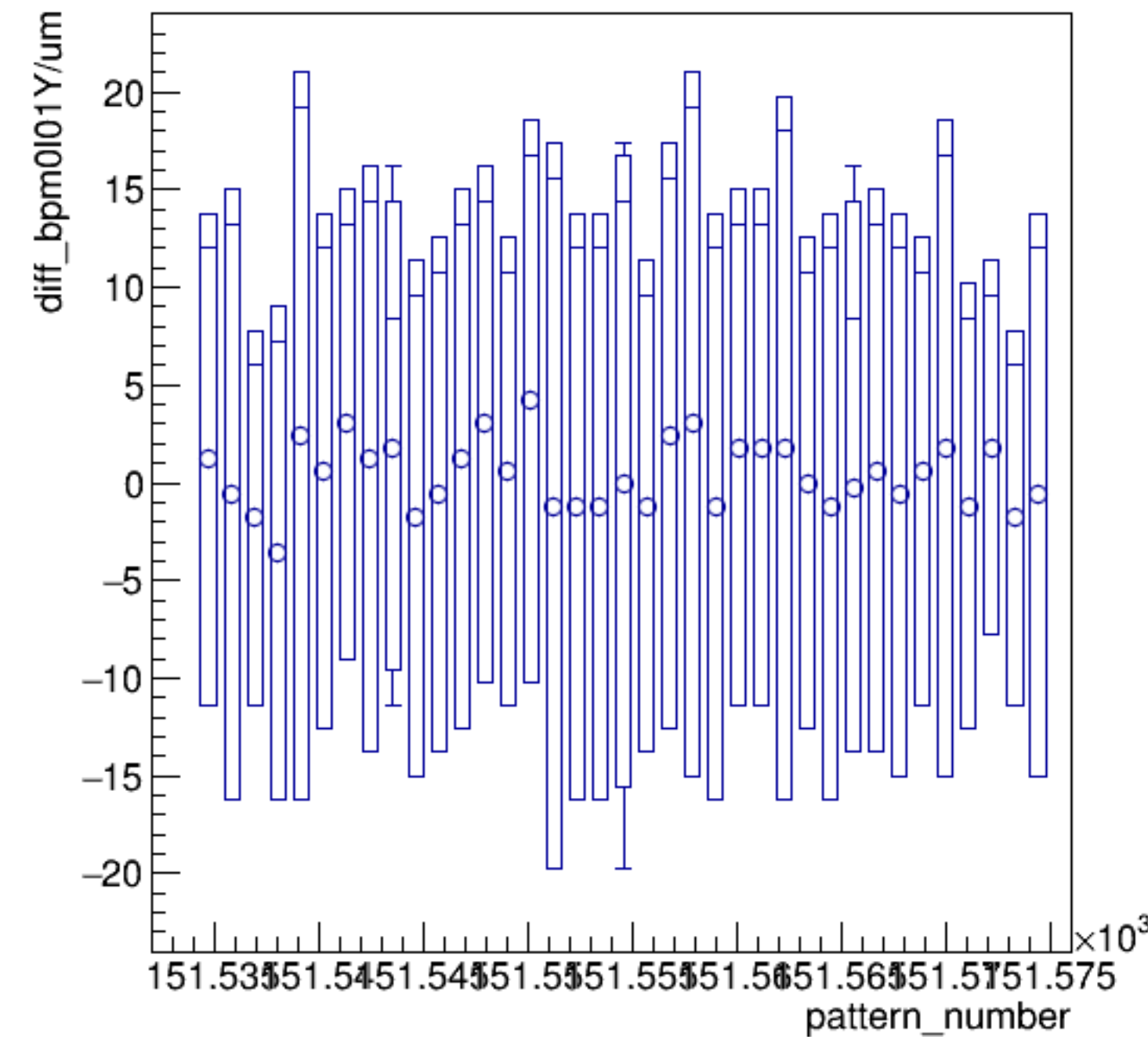
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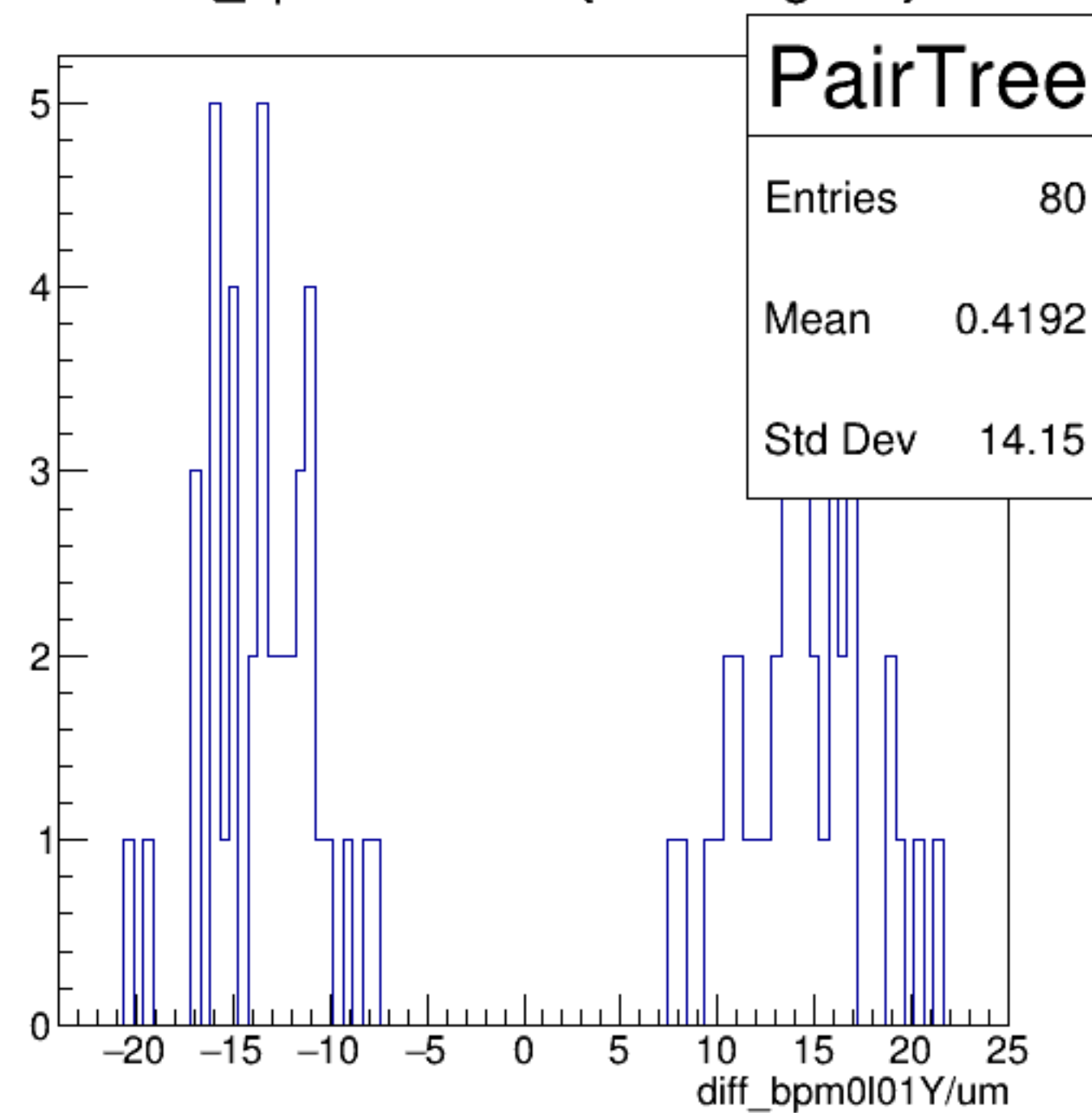
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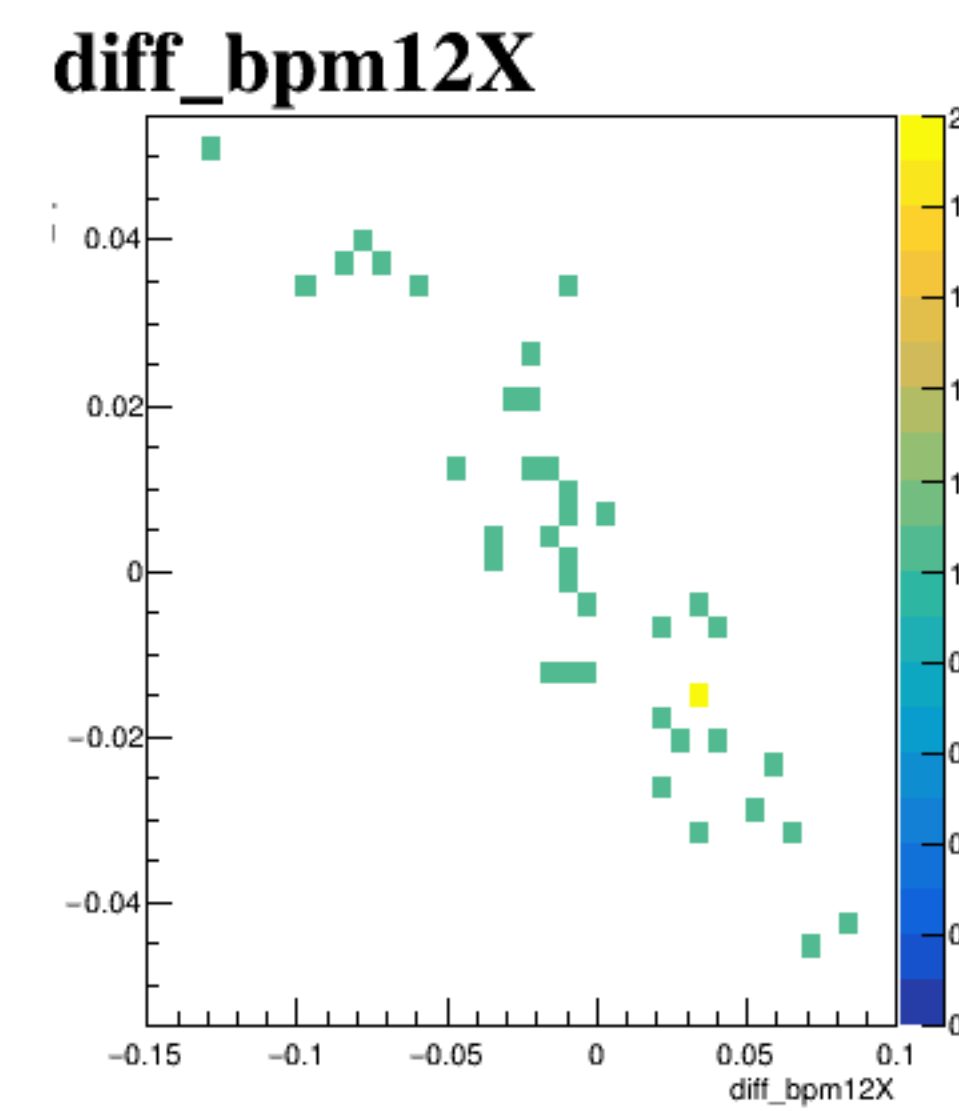
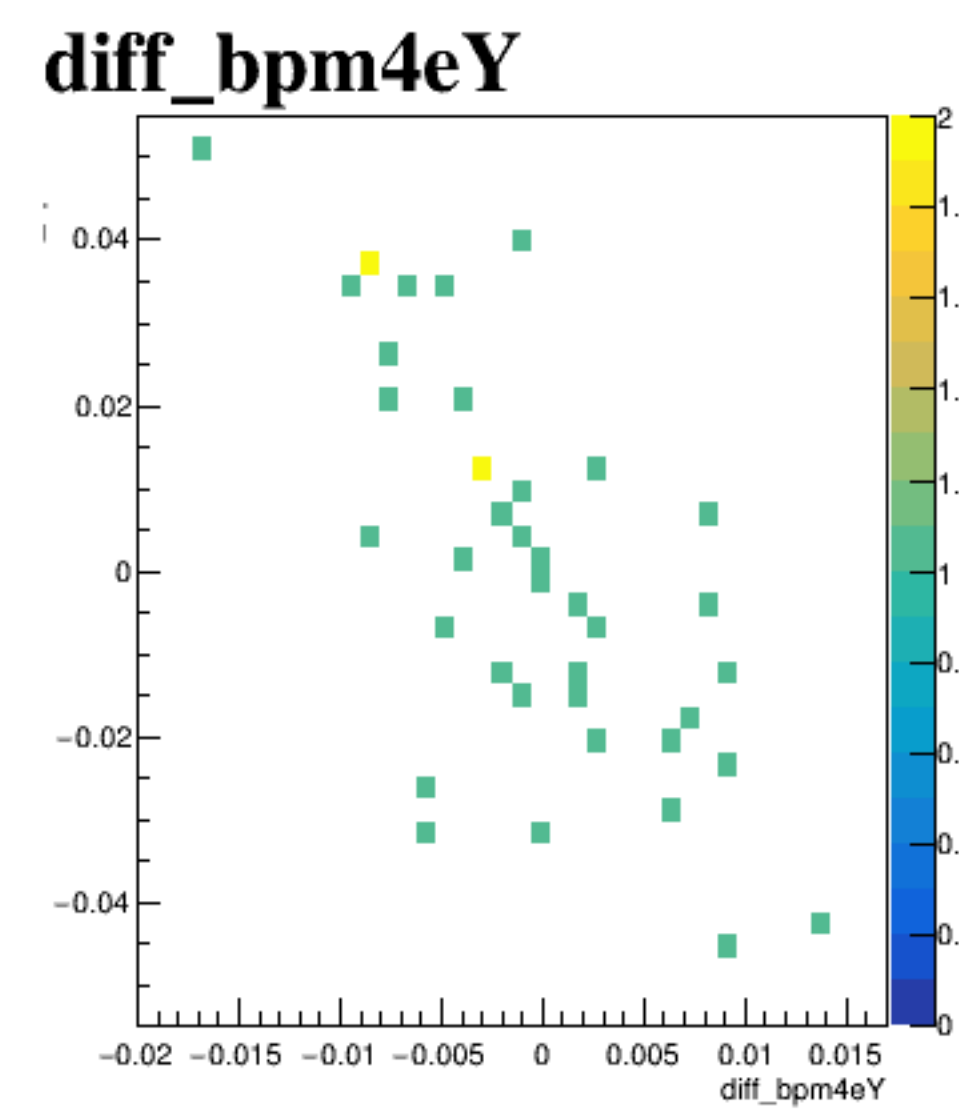
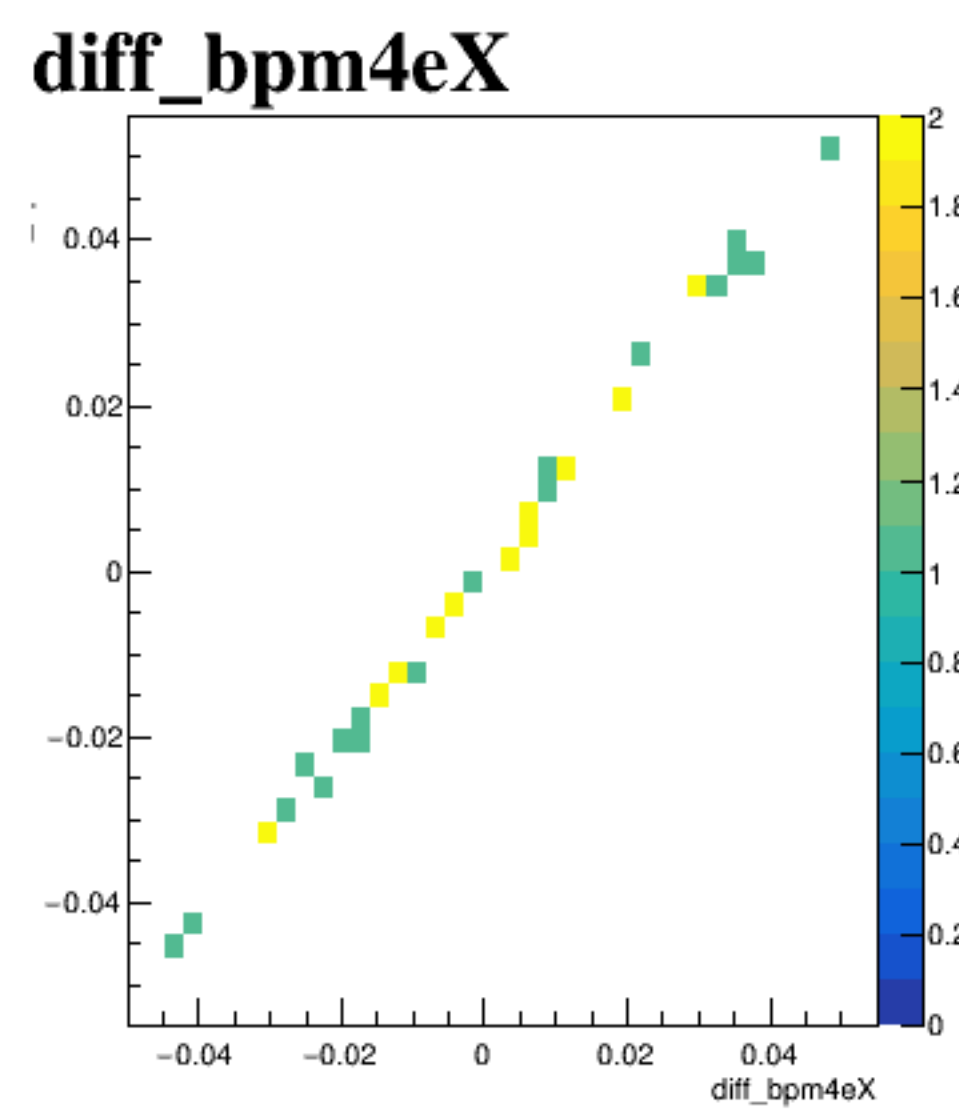
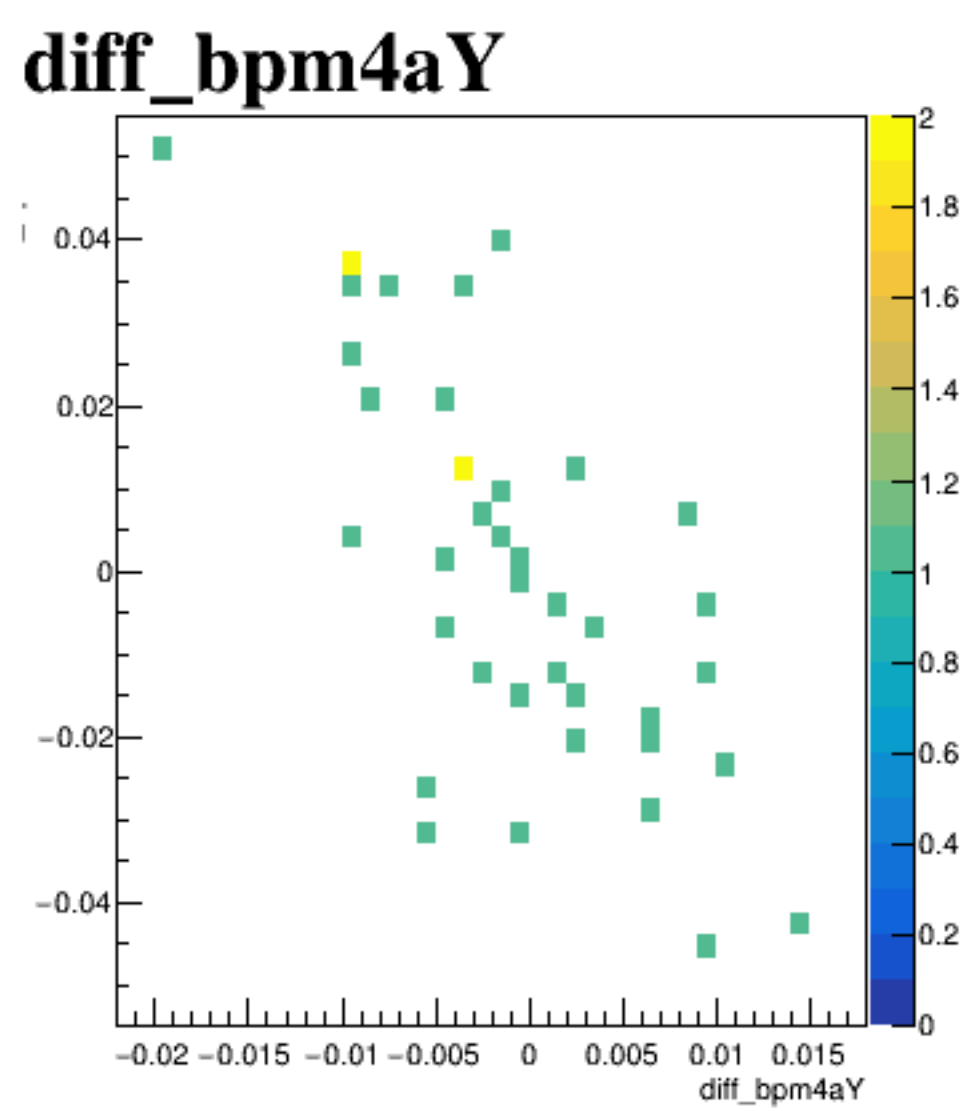
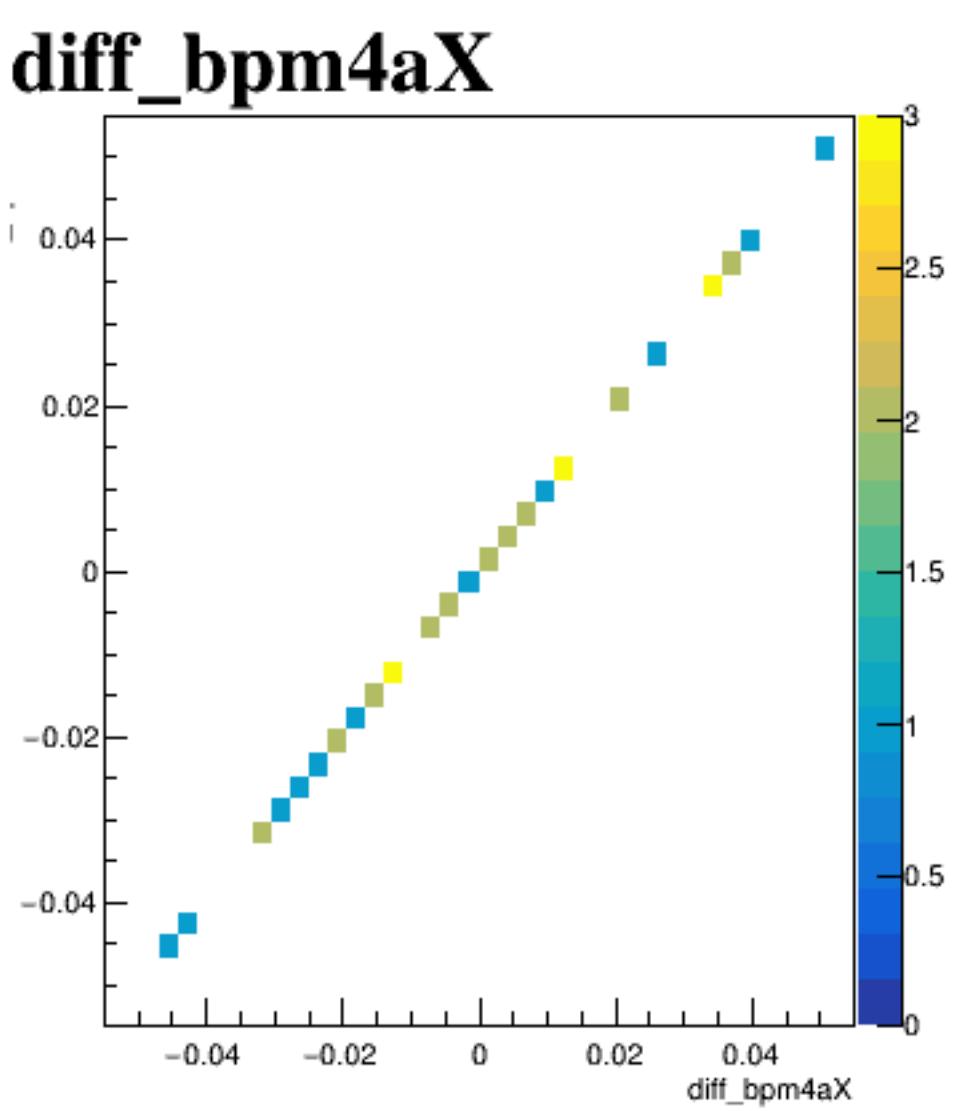
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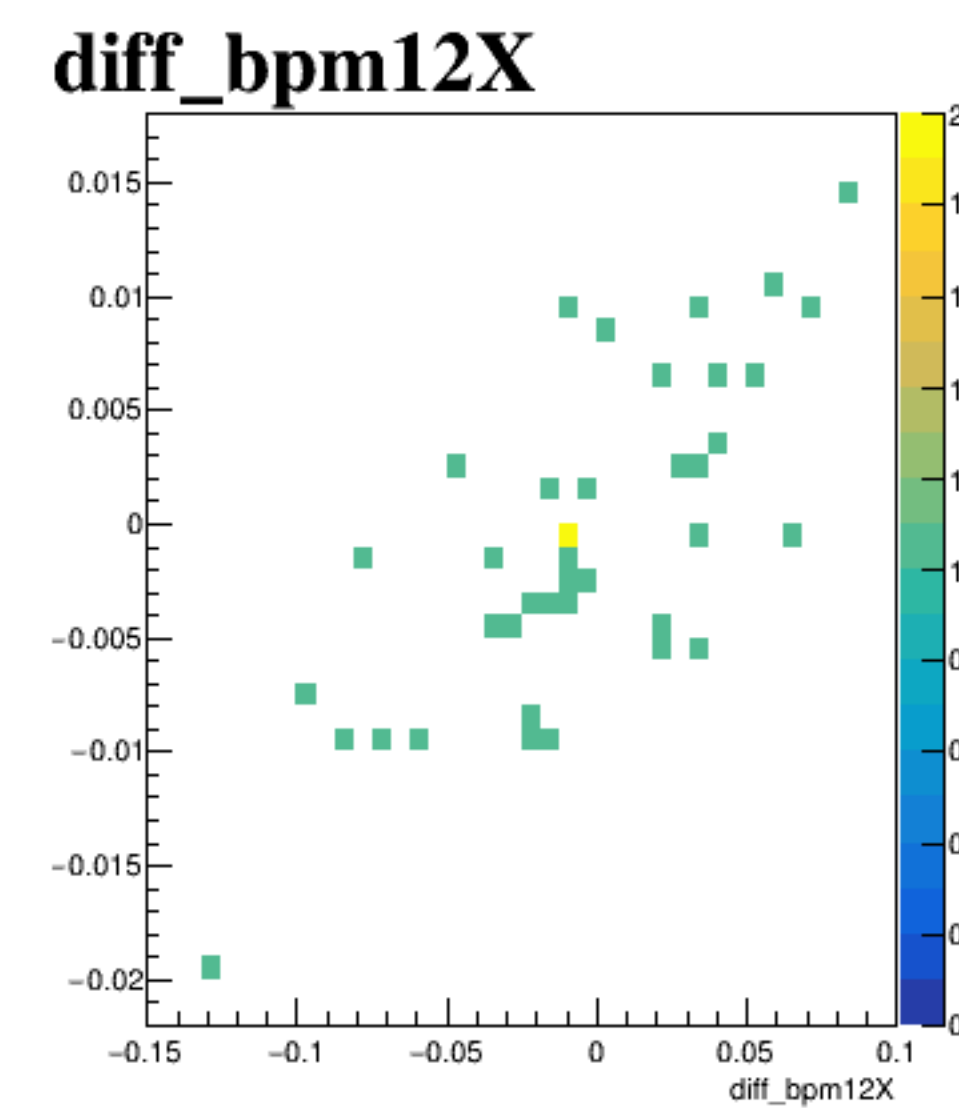
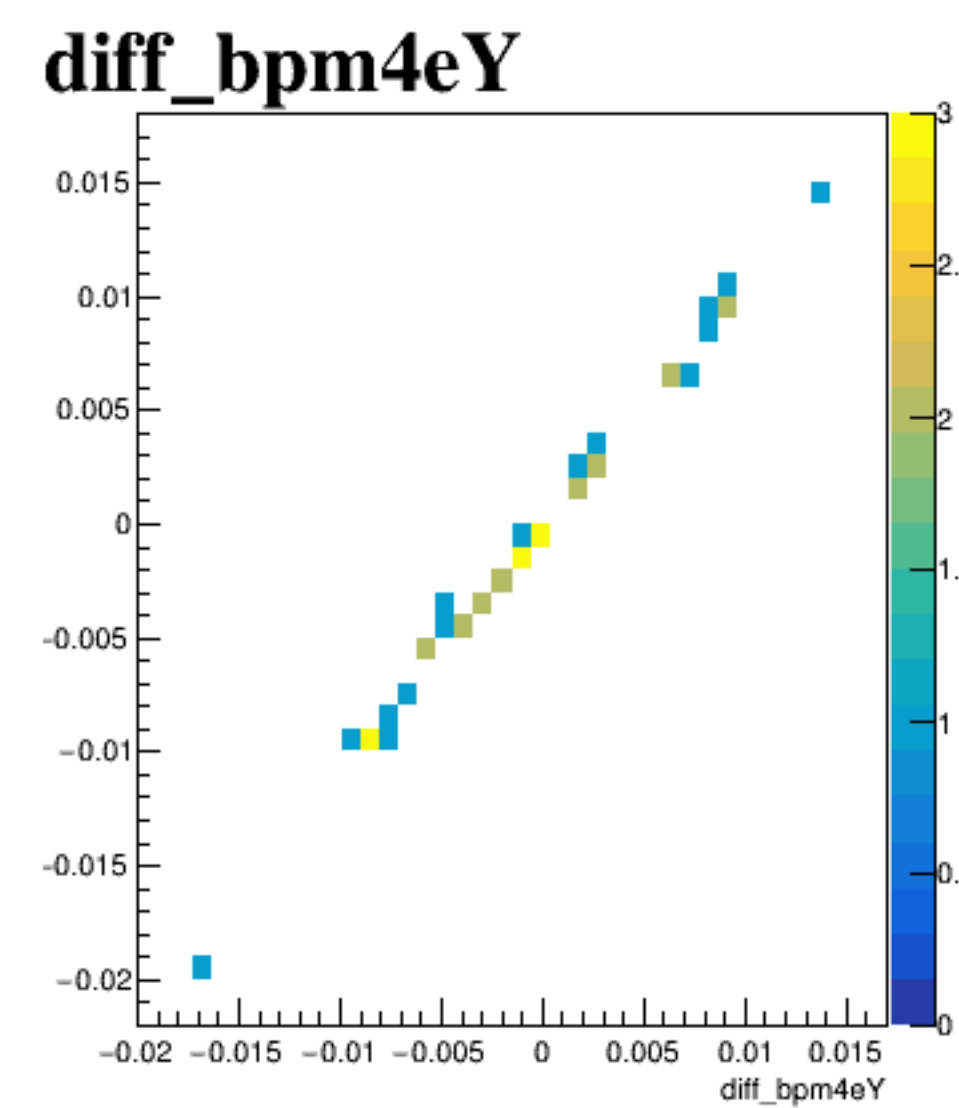
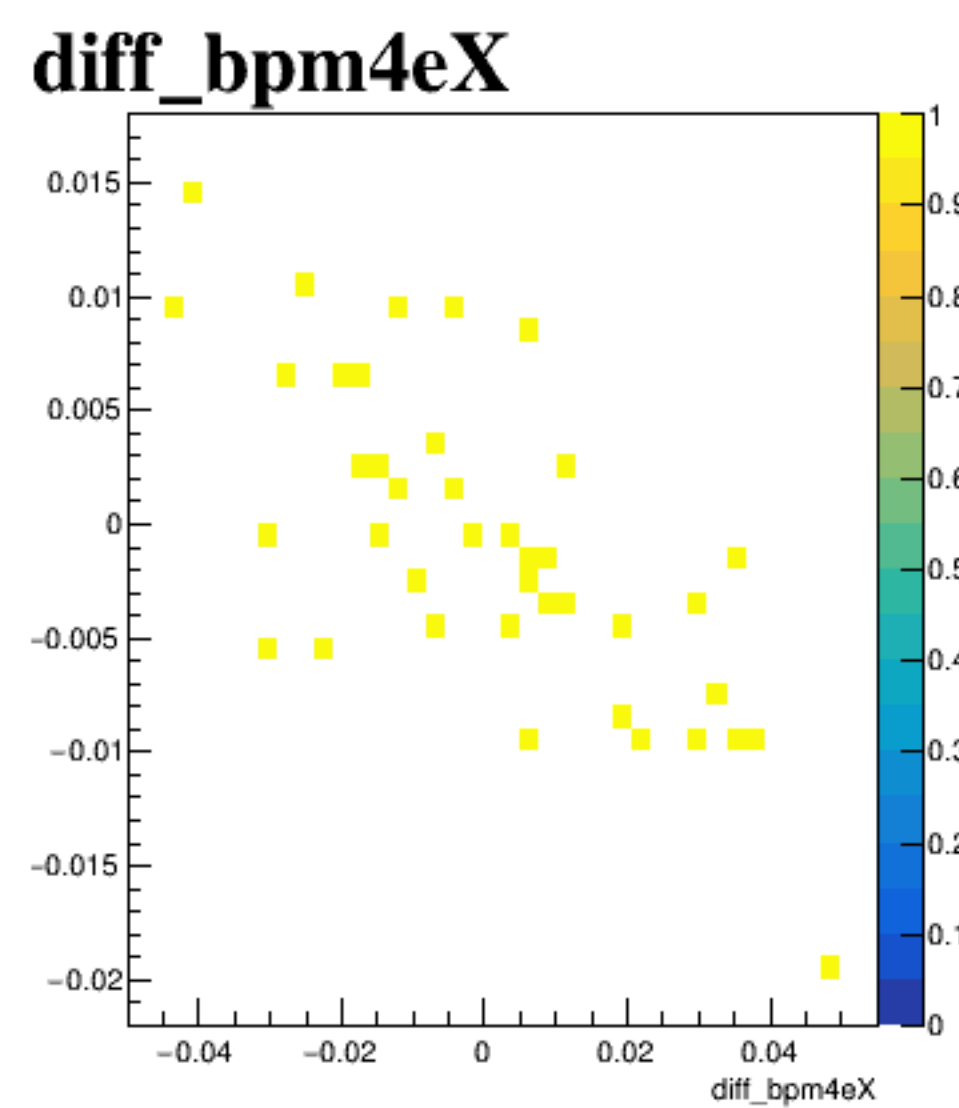
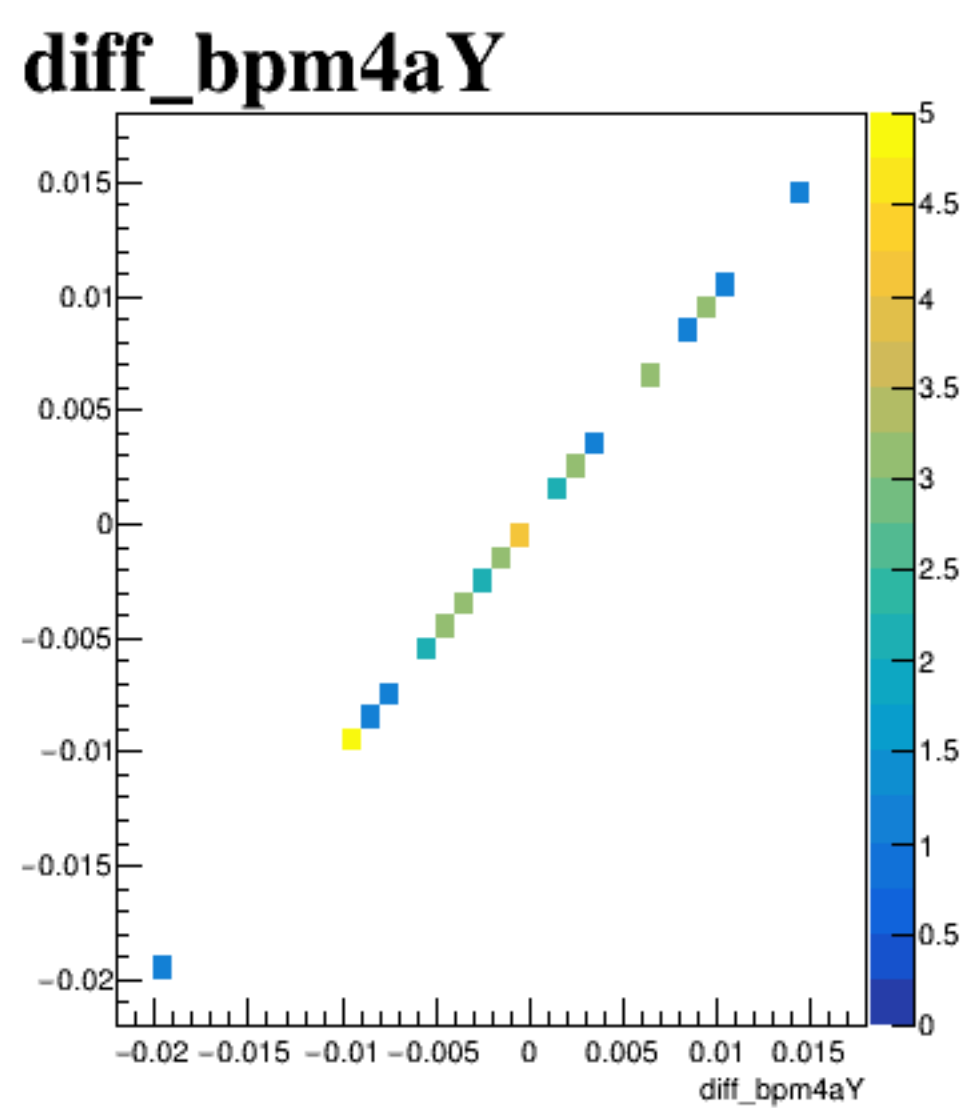
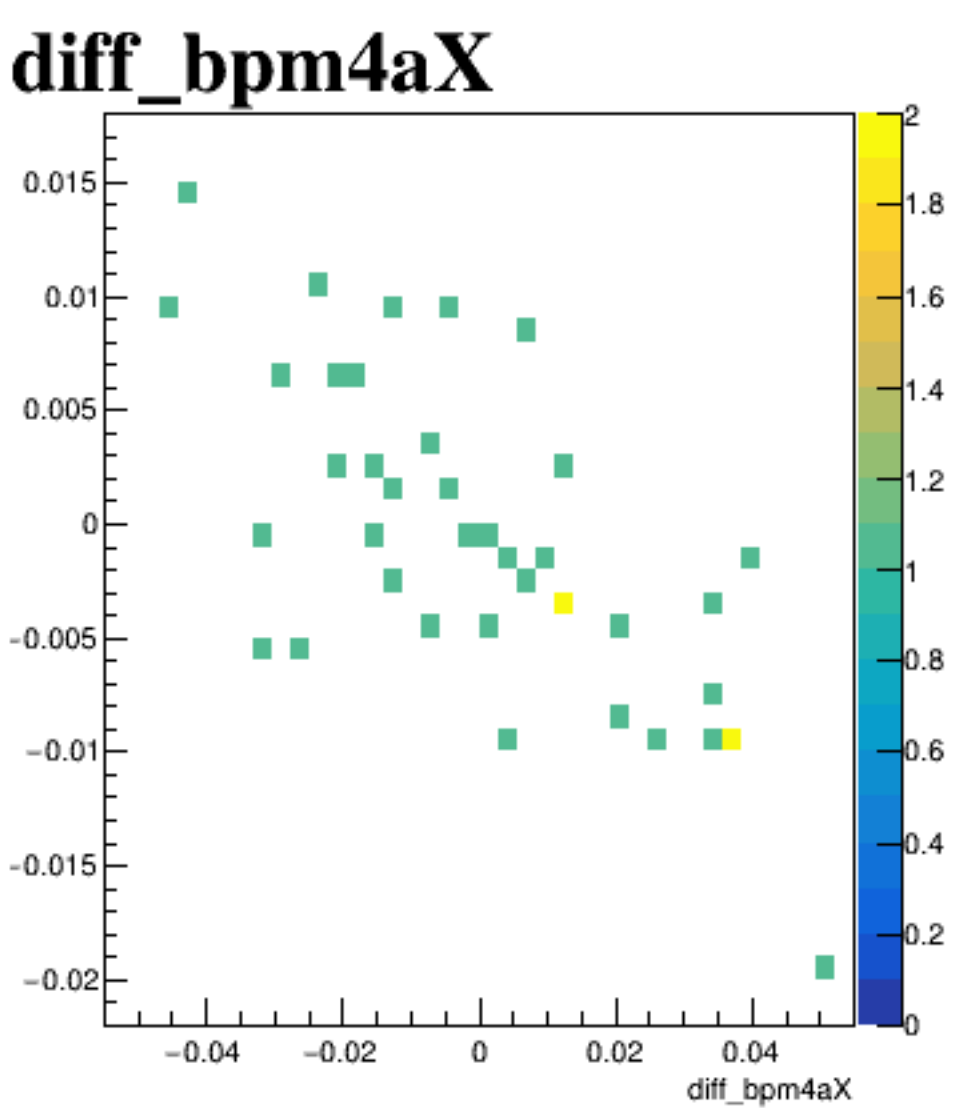
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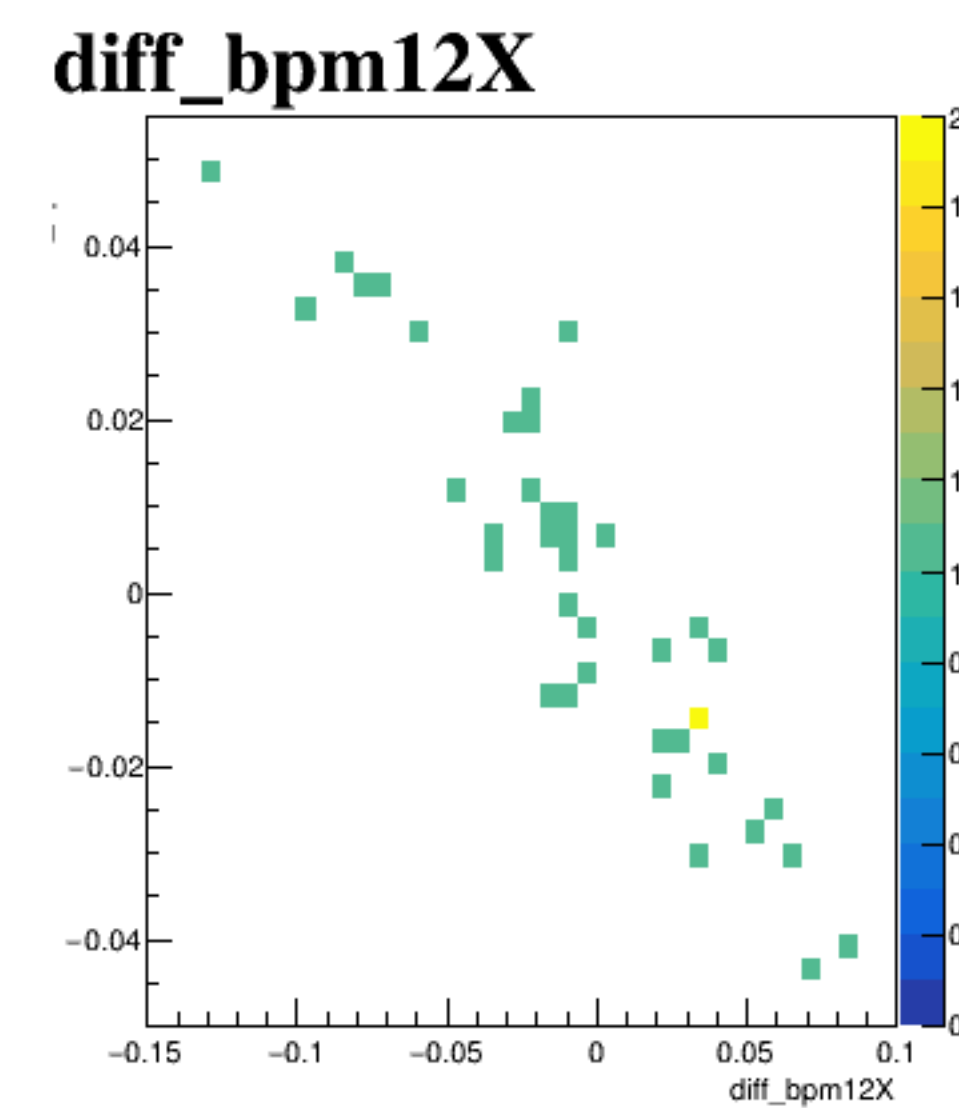
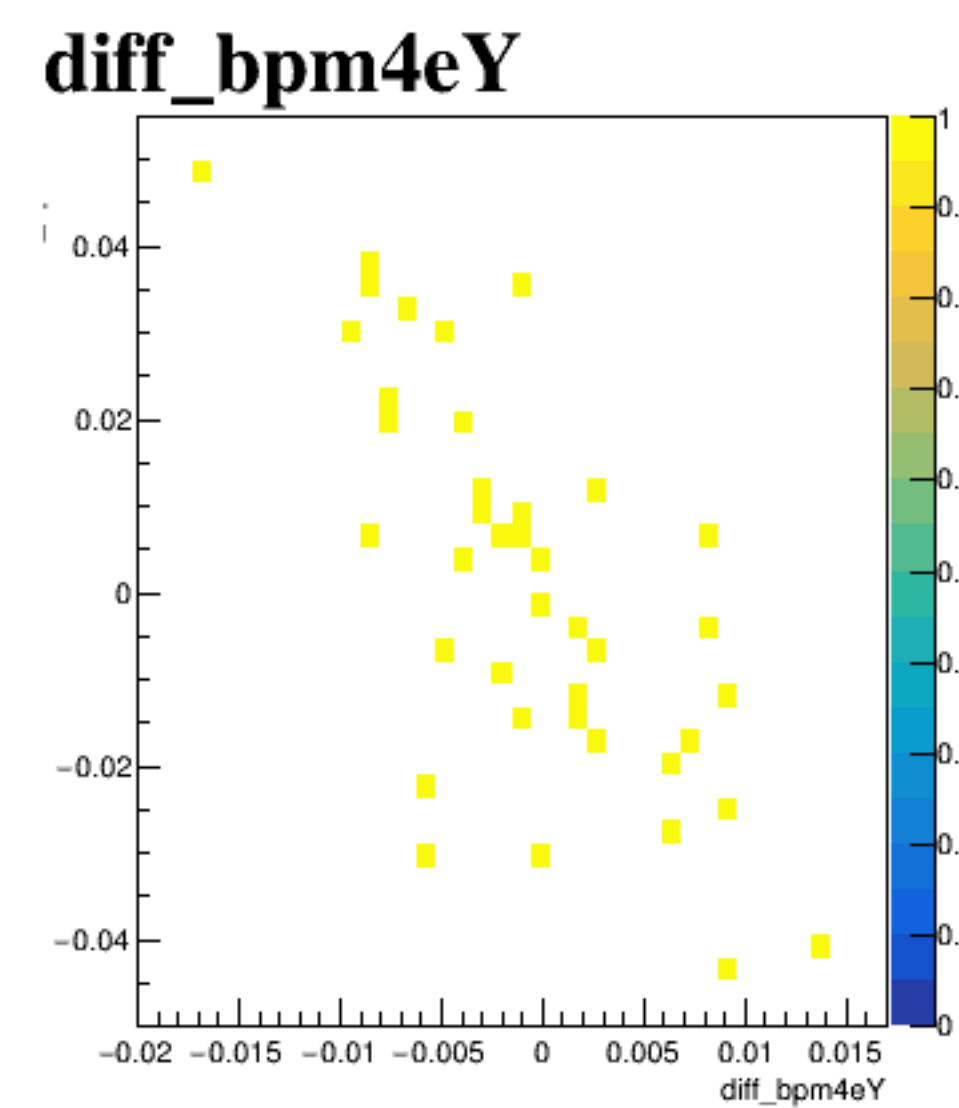
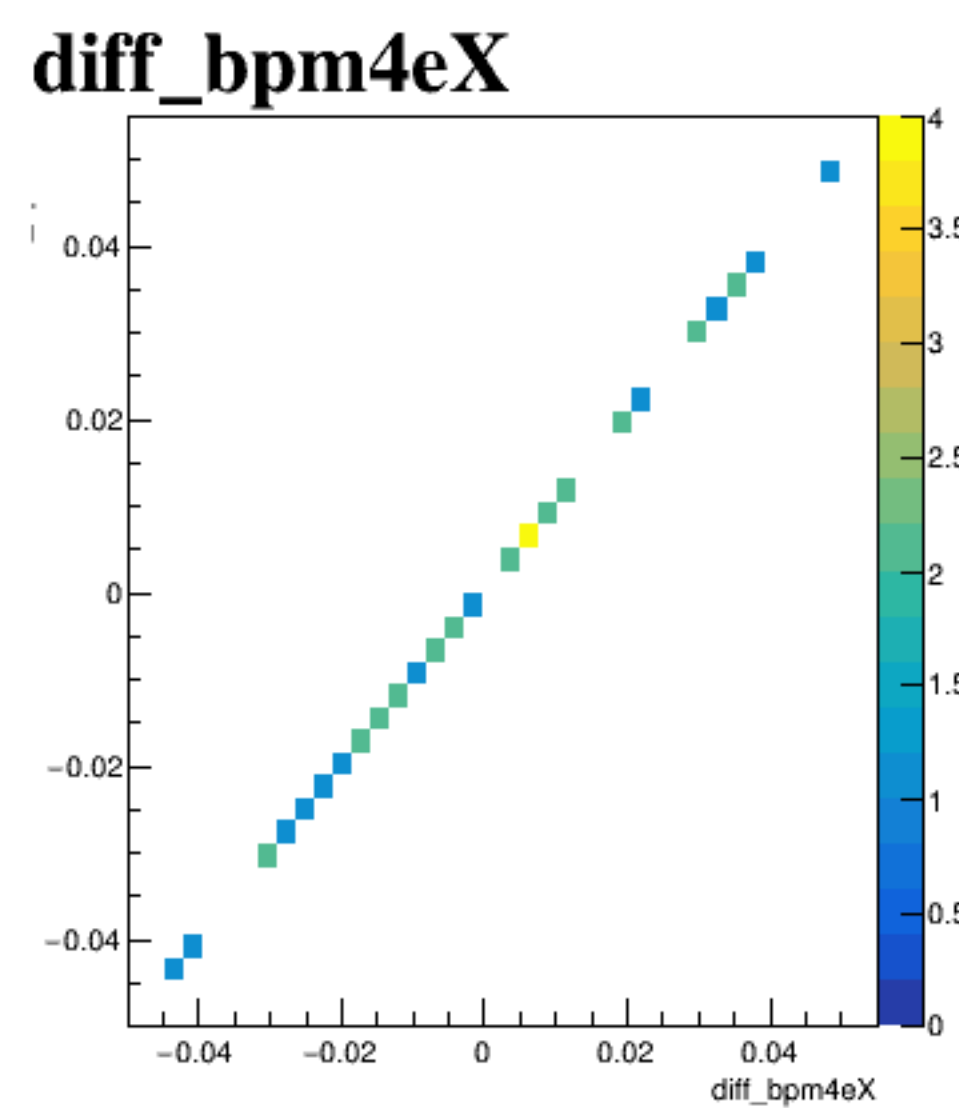
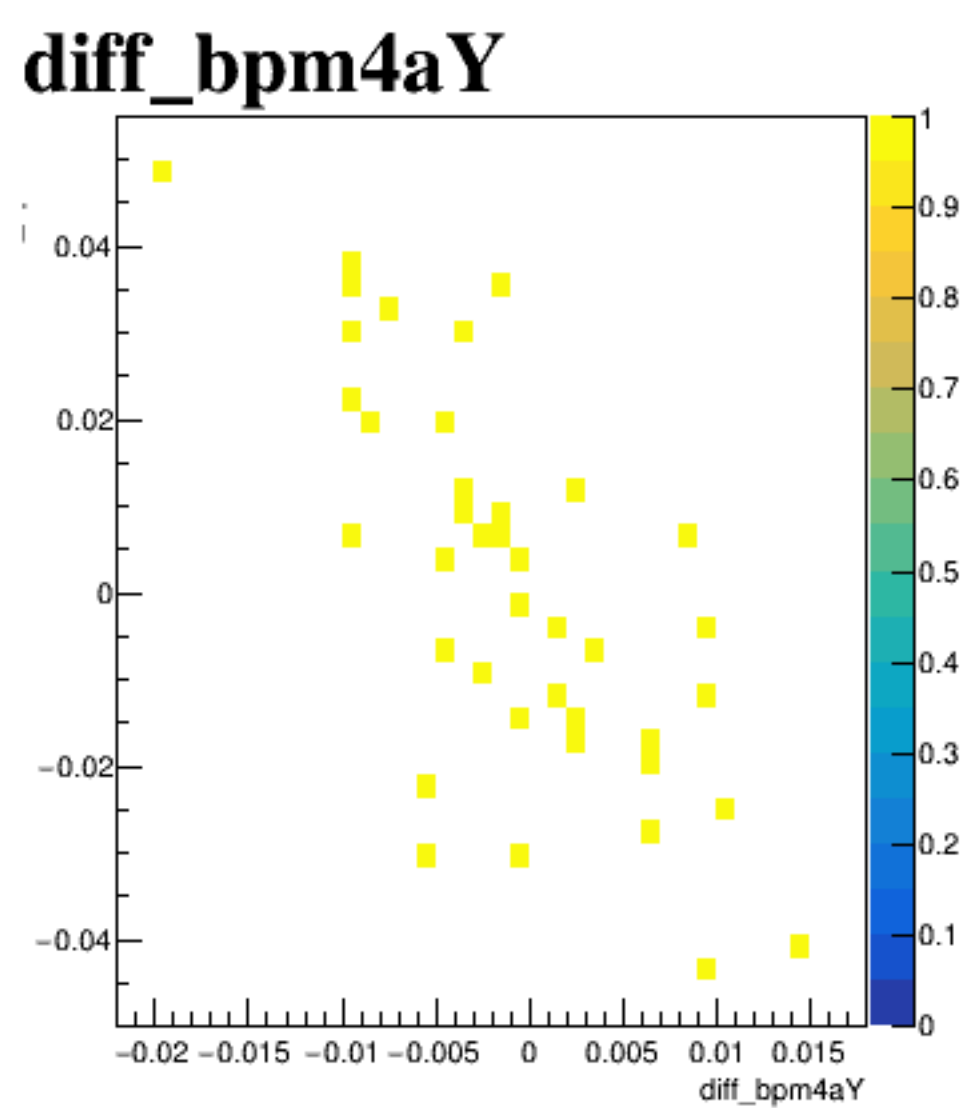
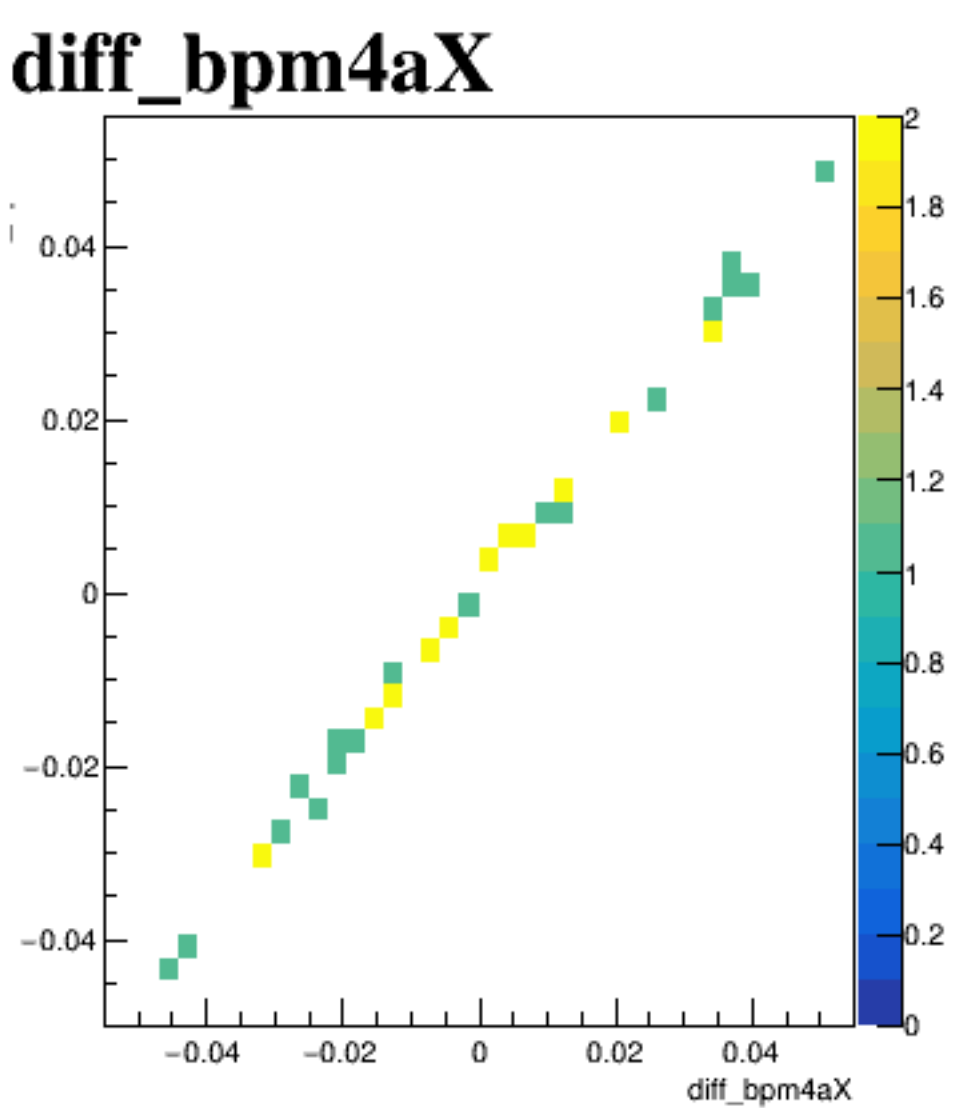
diff_bpm4aX



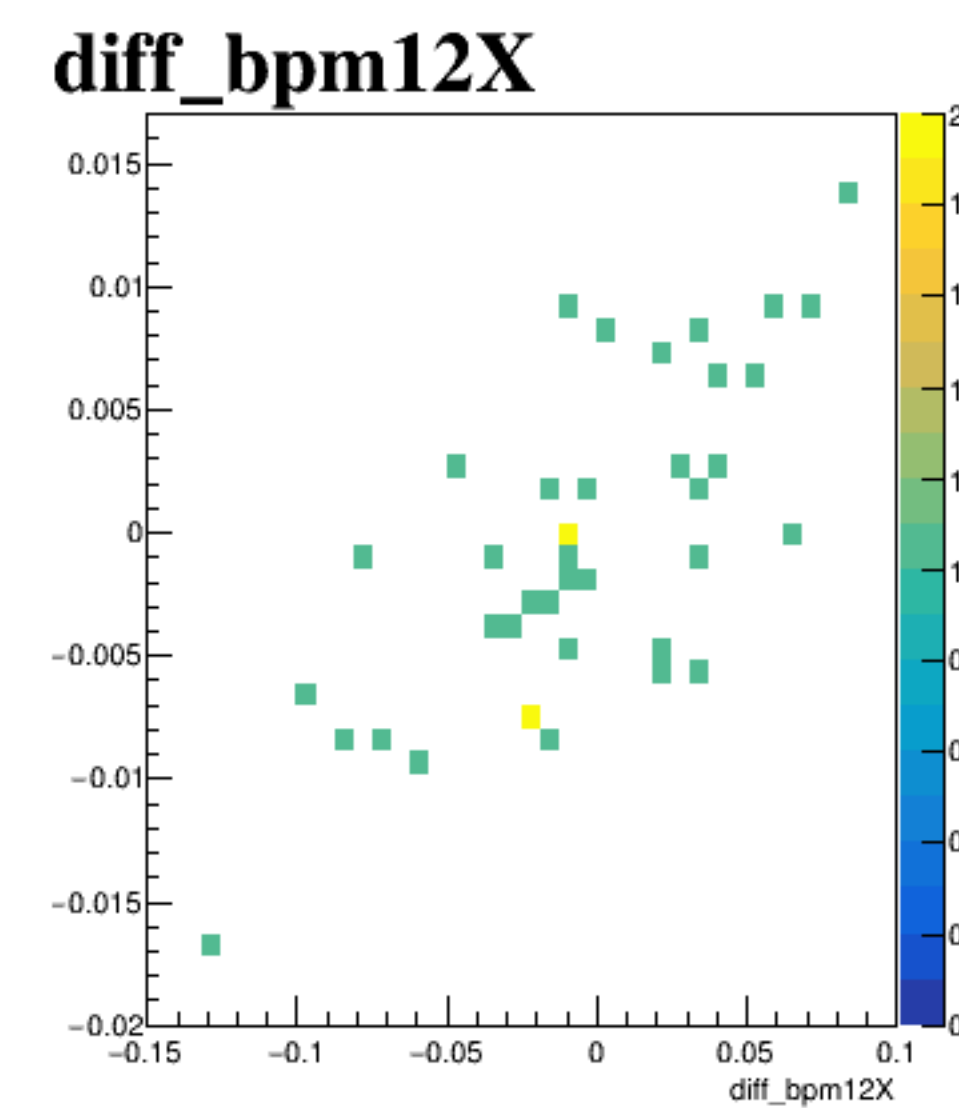
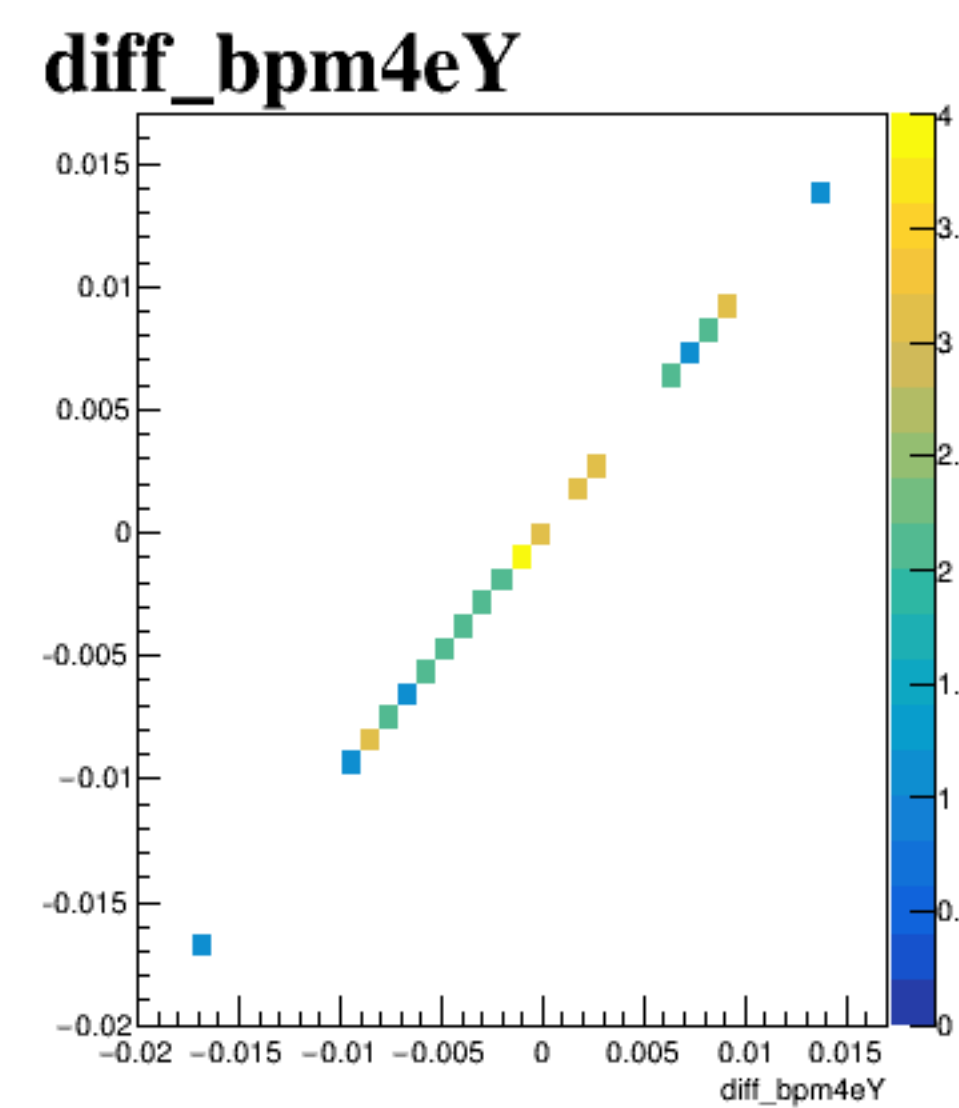
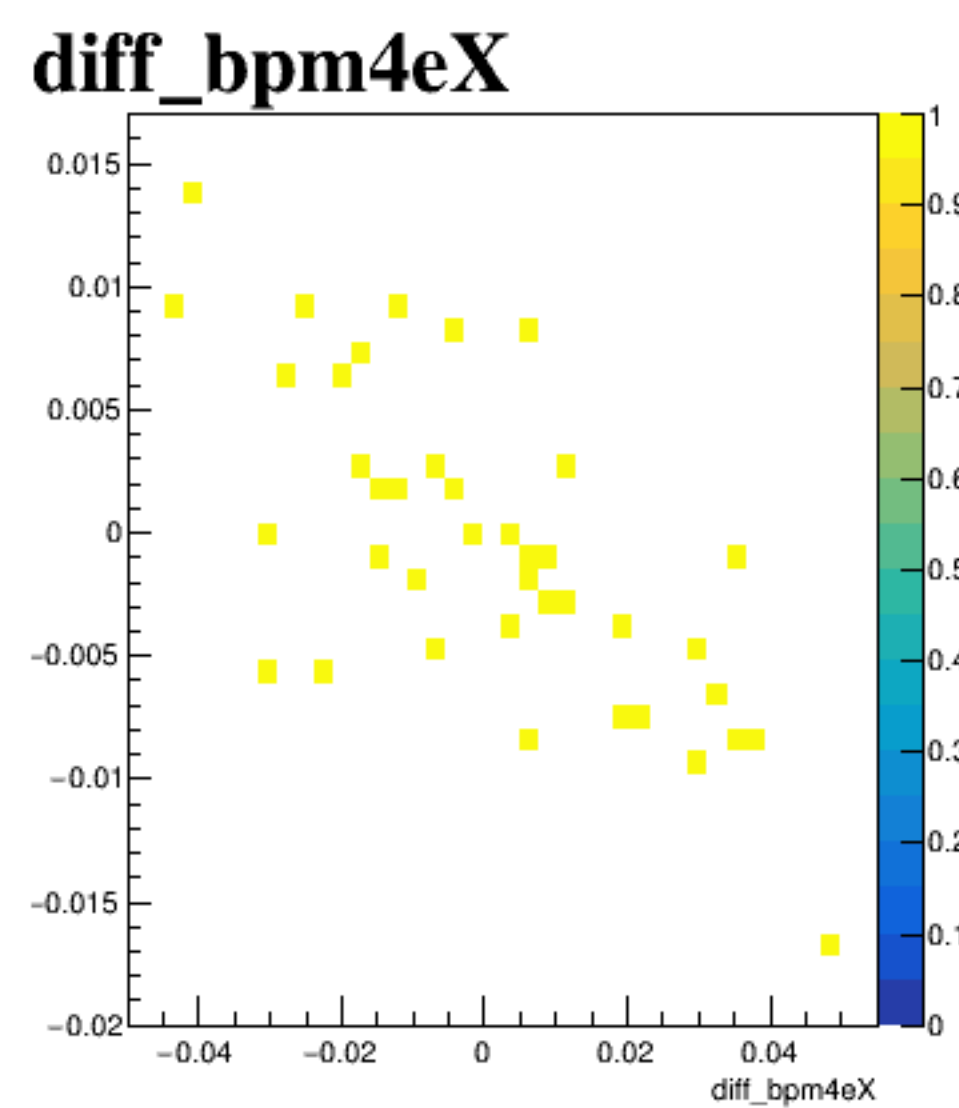
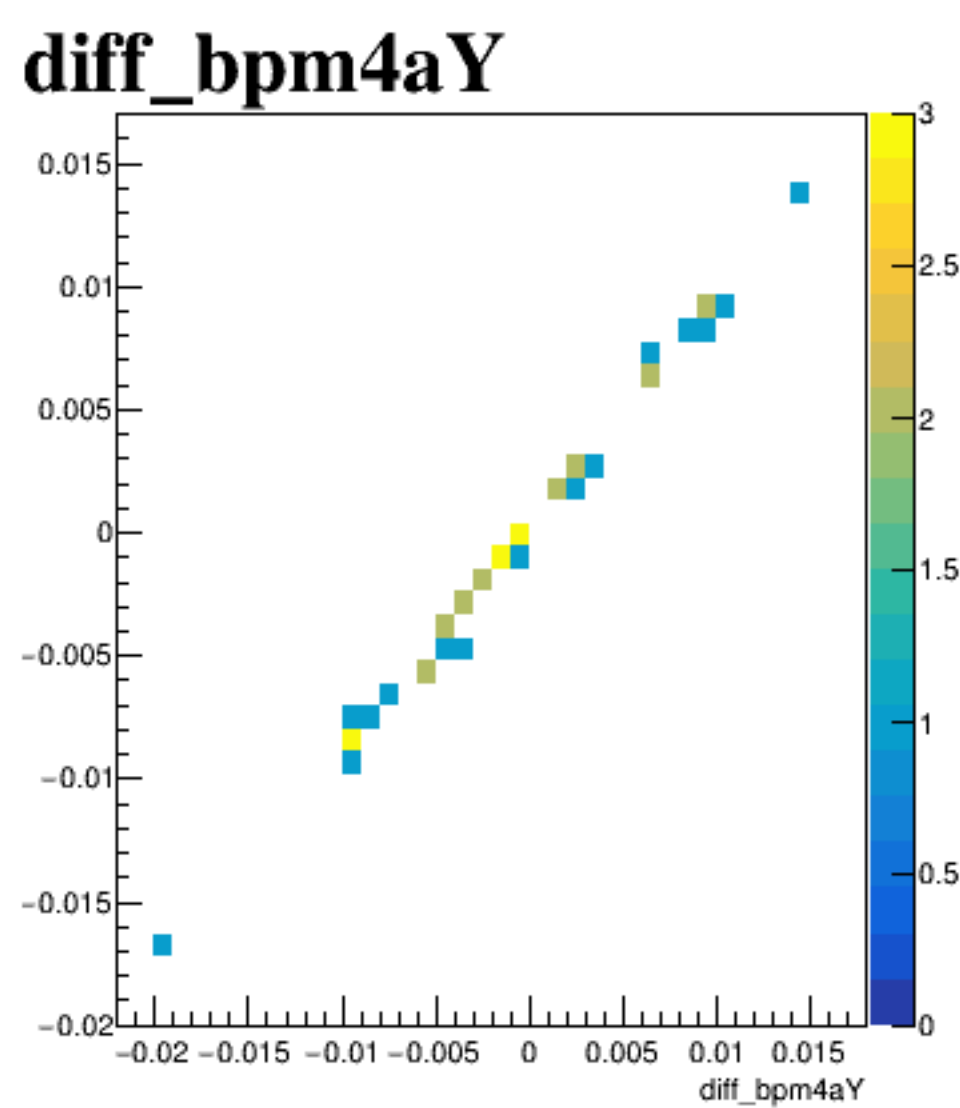
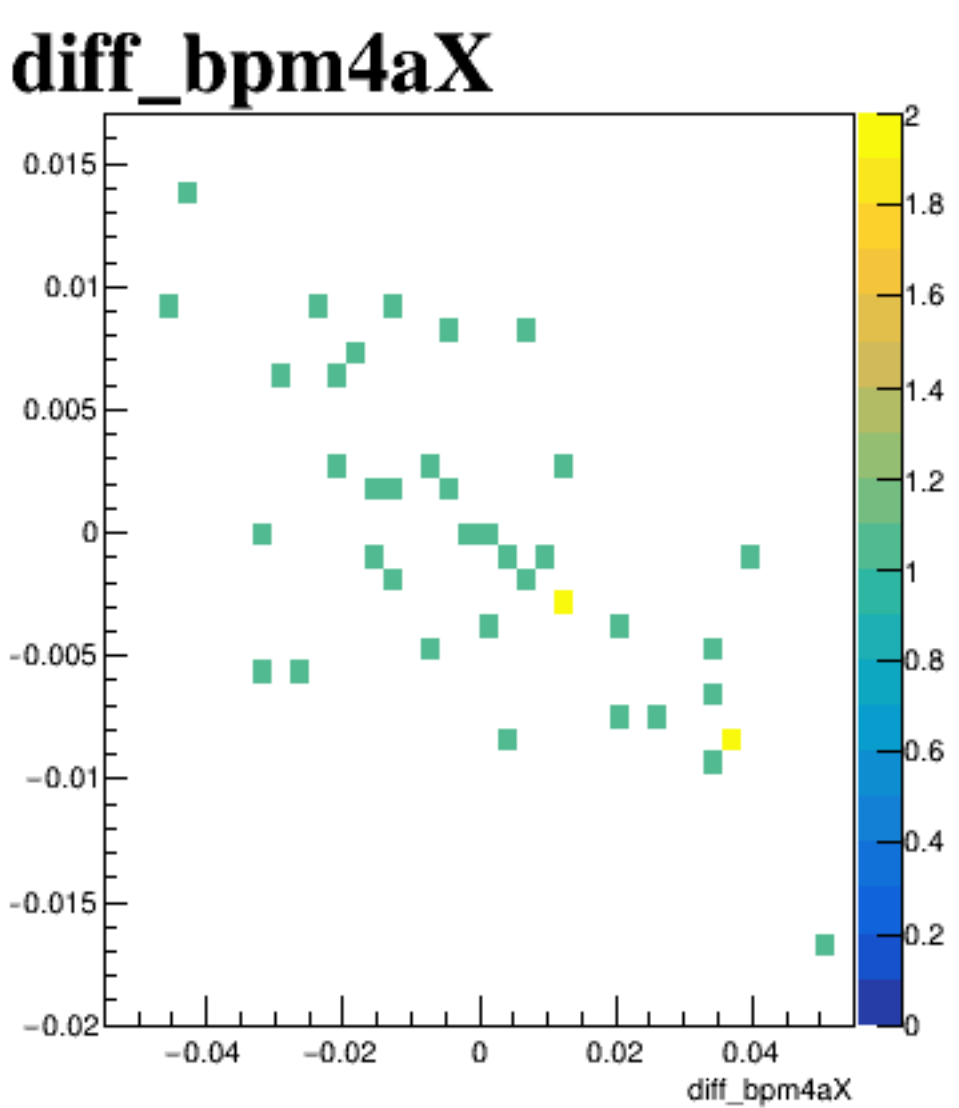
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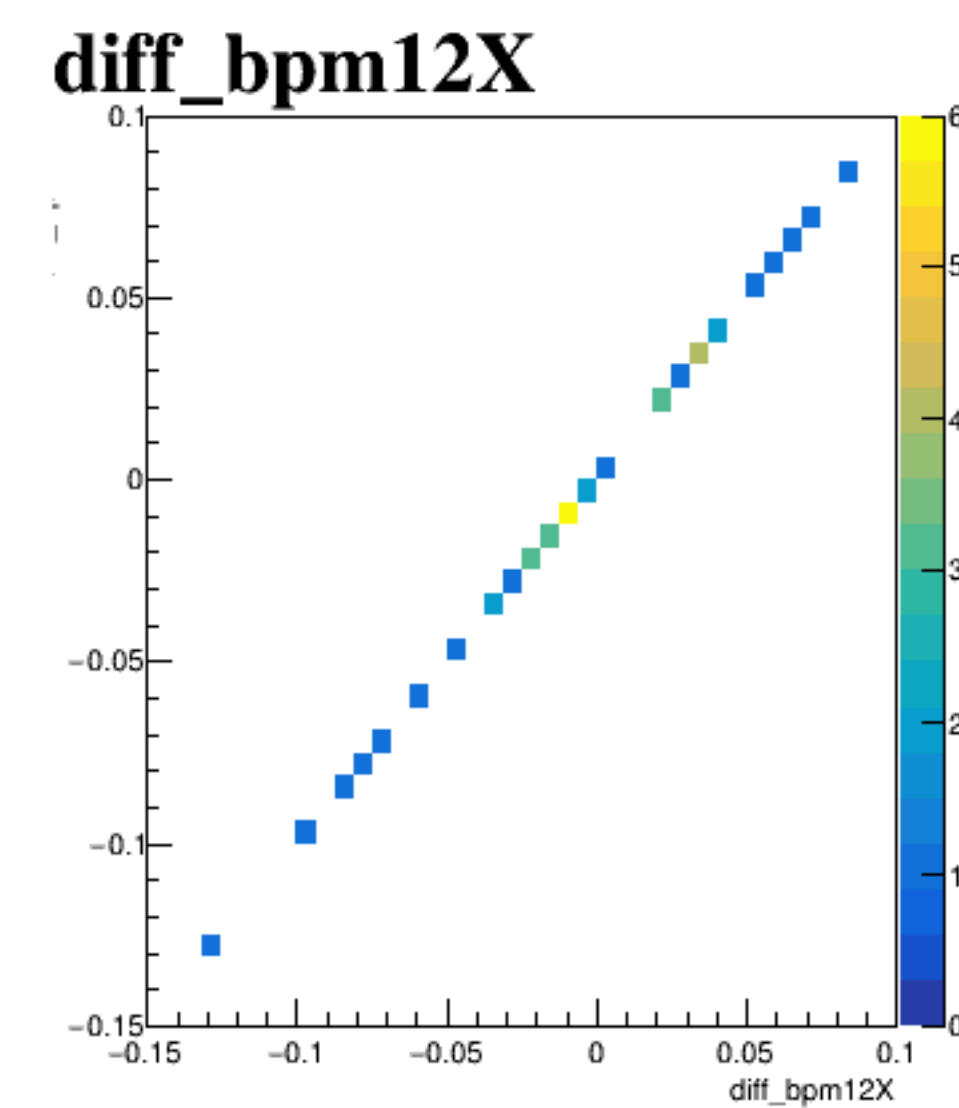
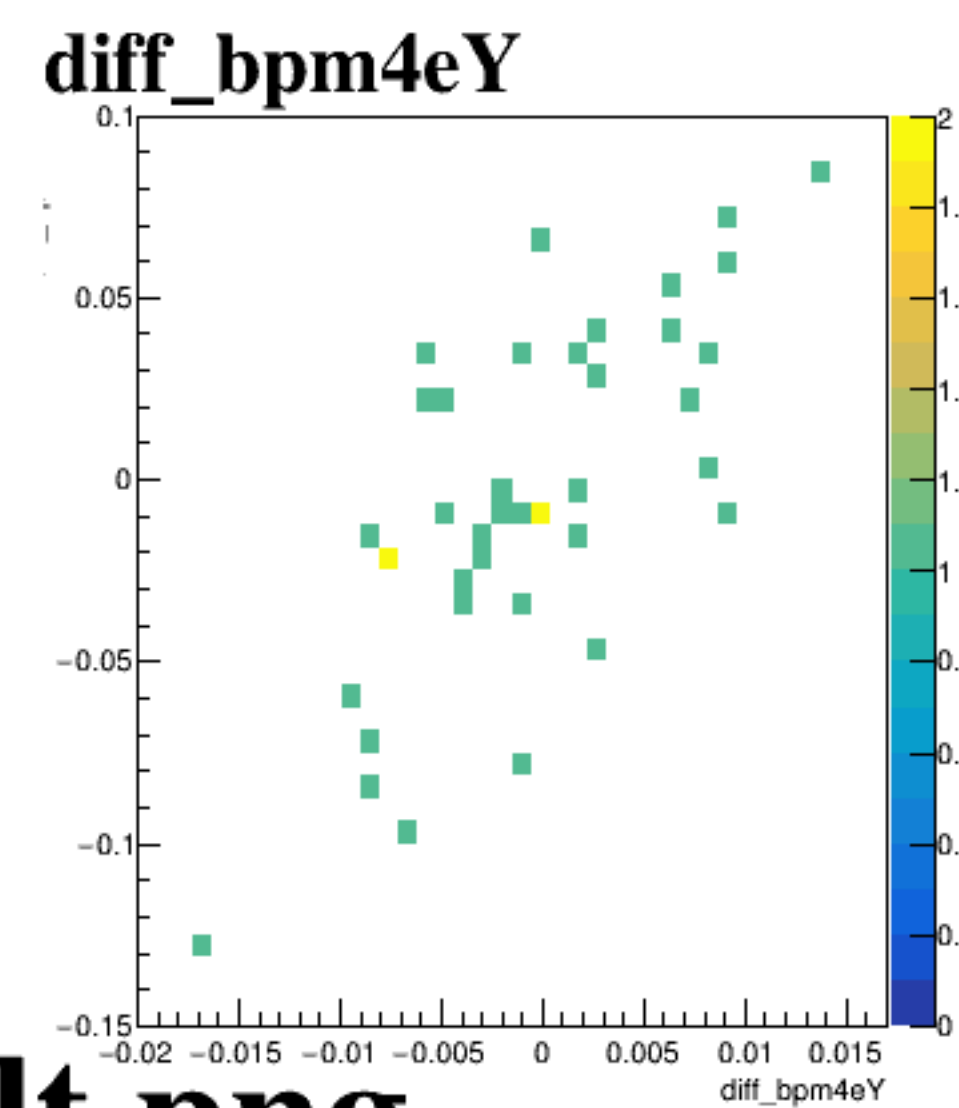
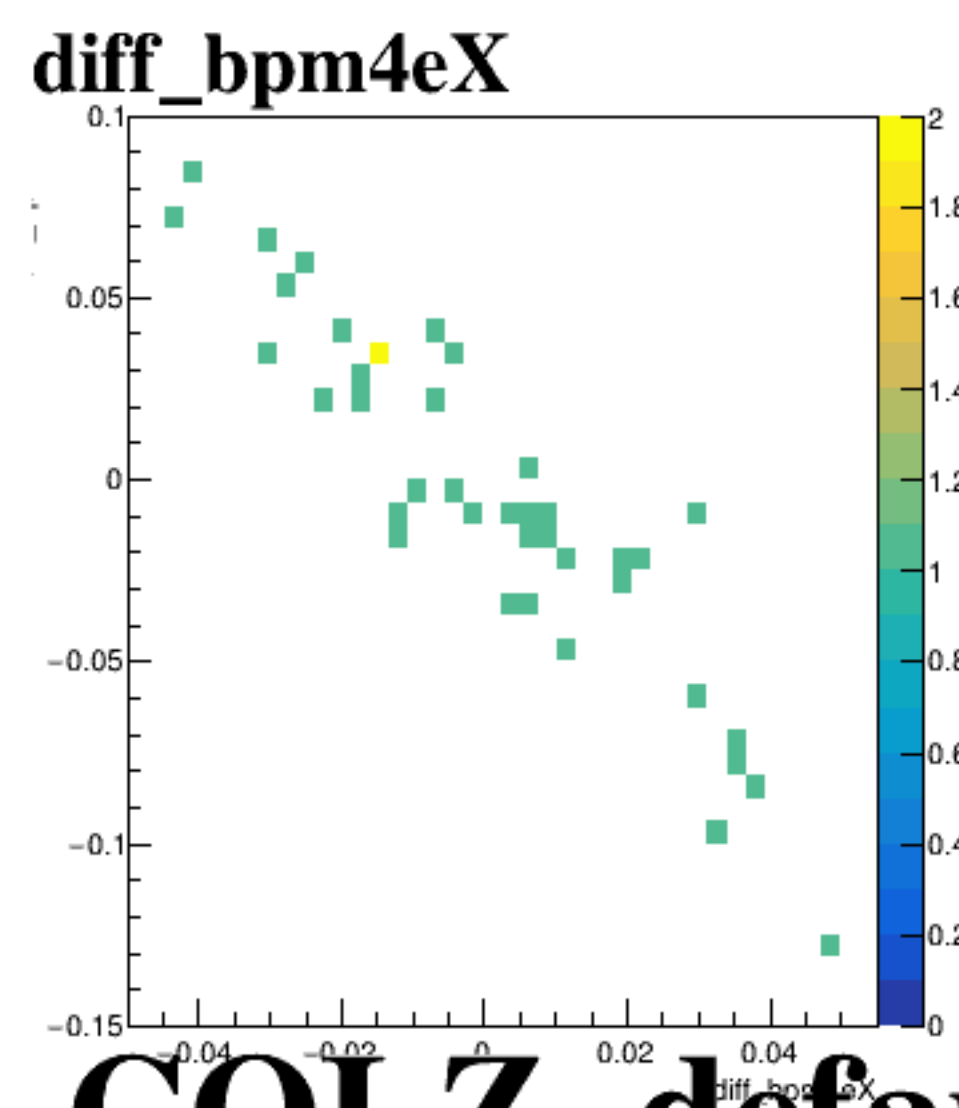
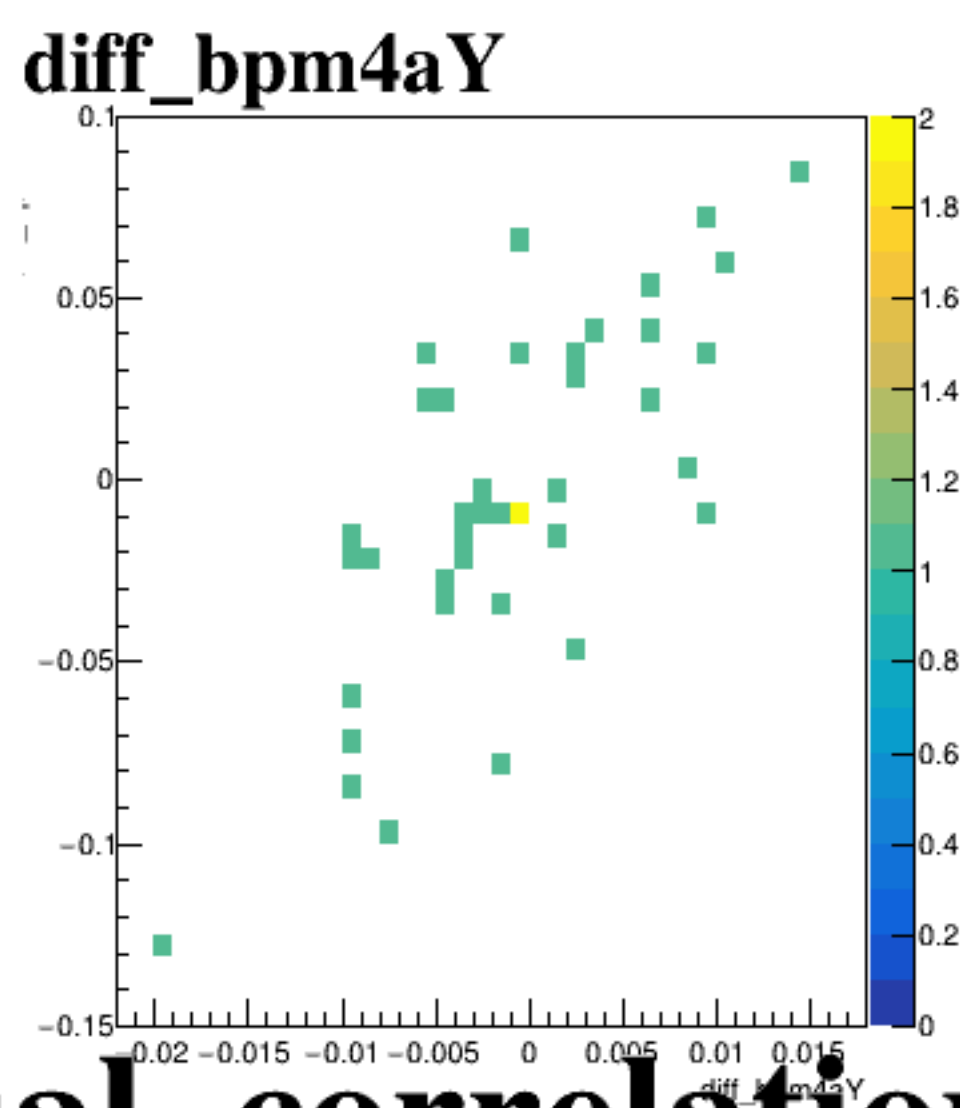
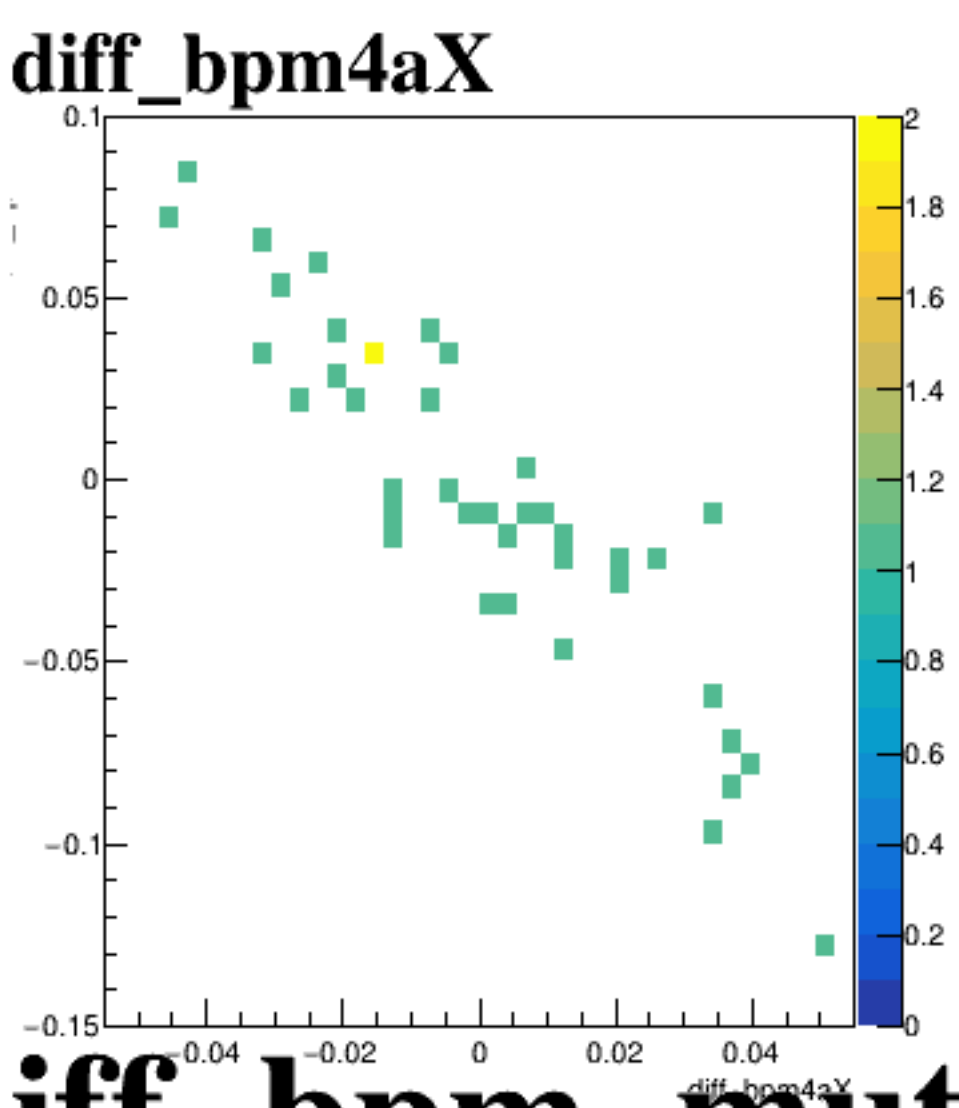
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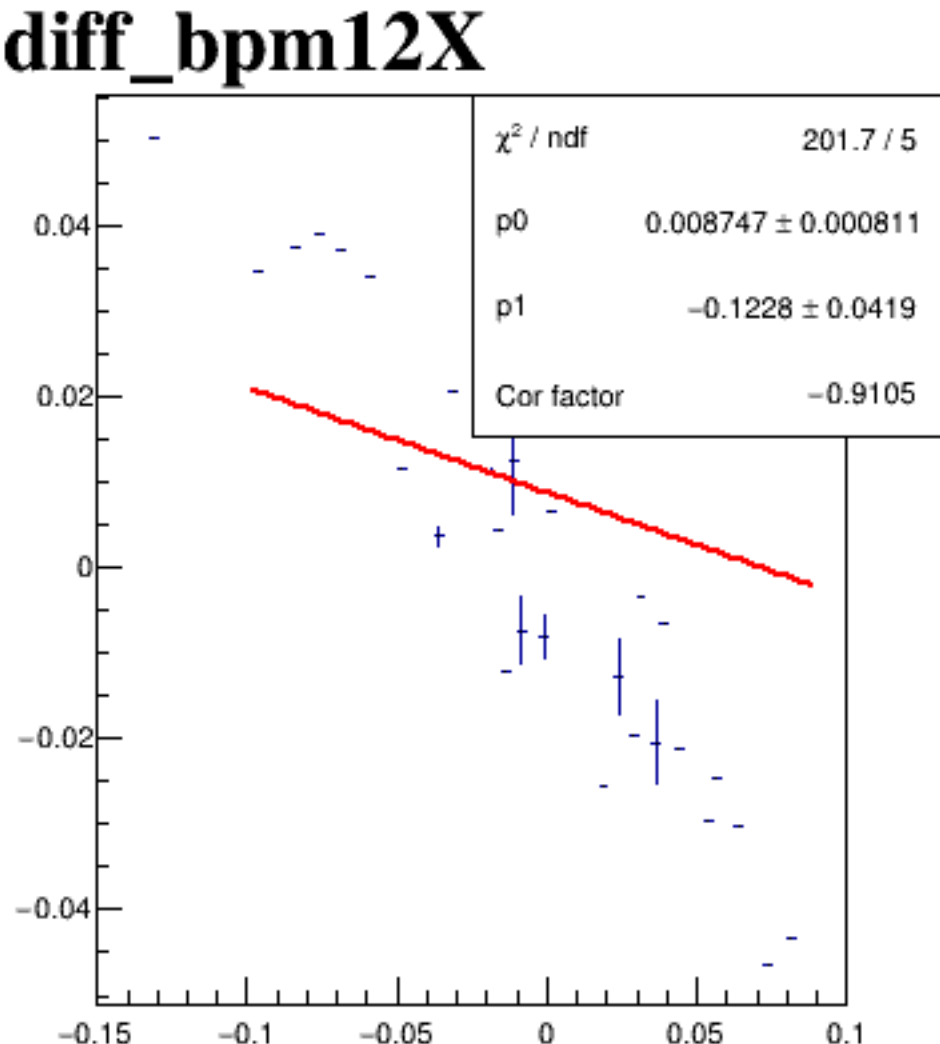
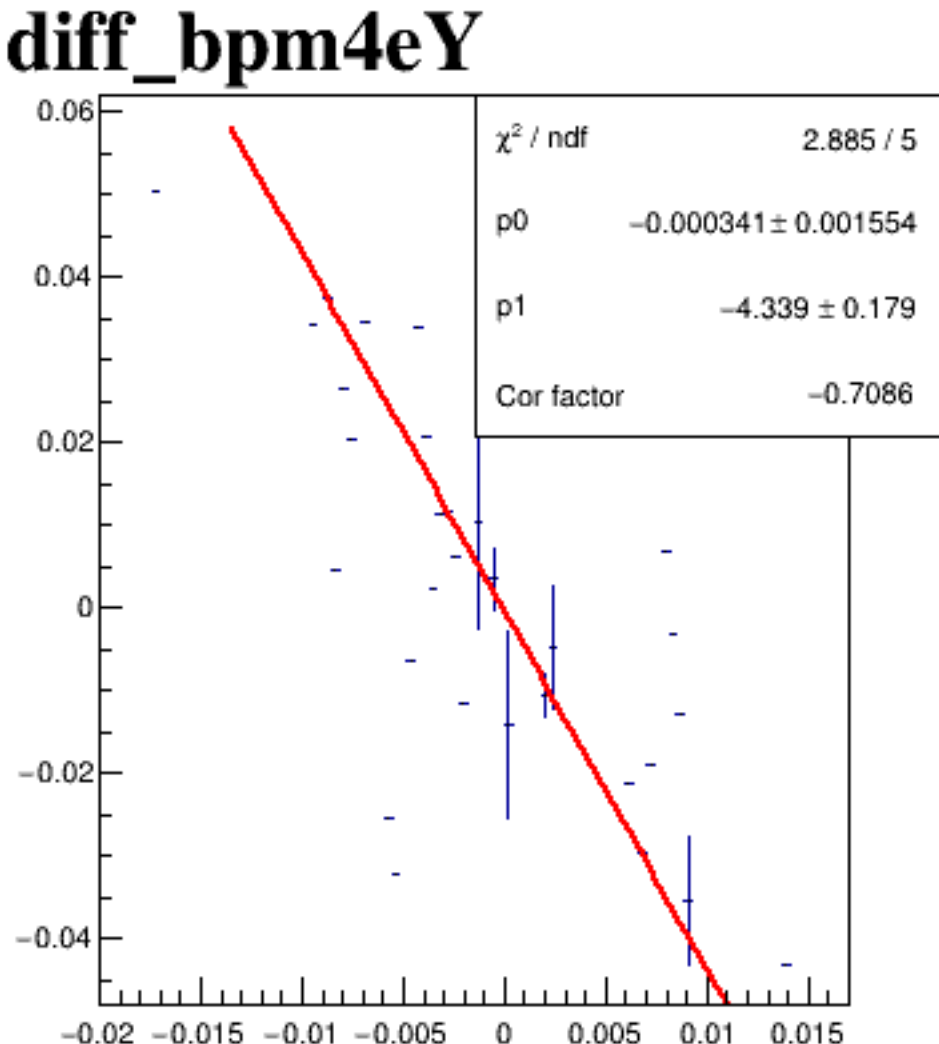
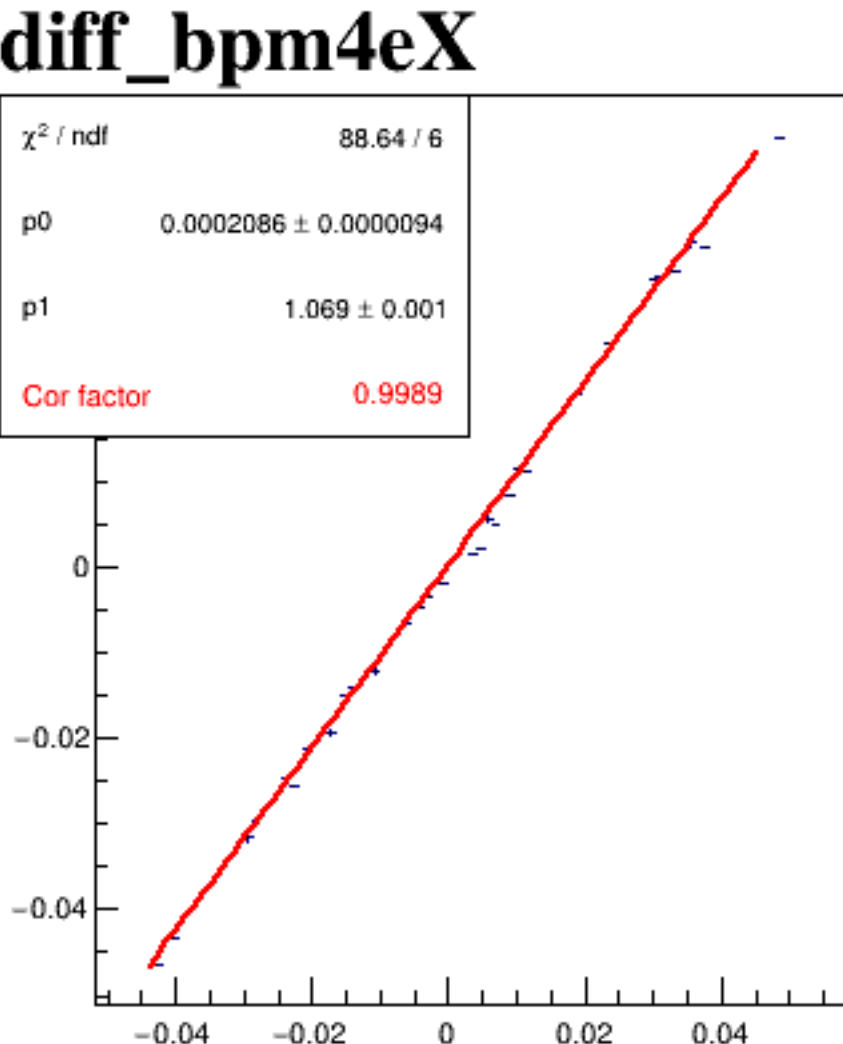
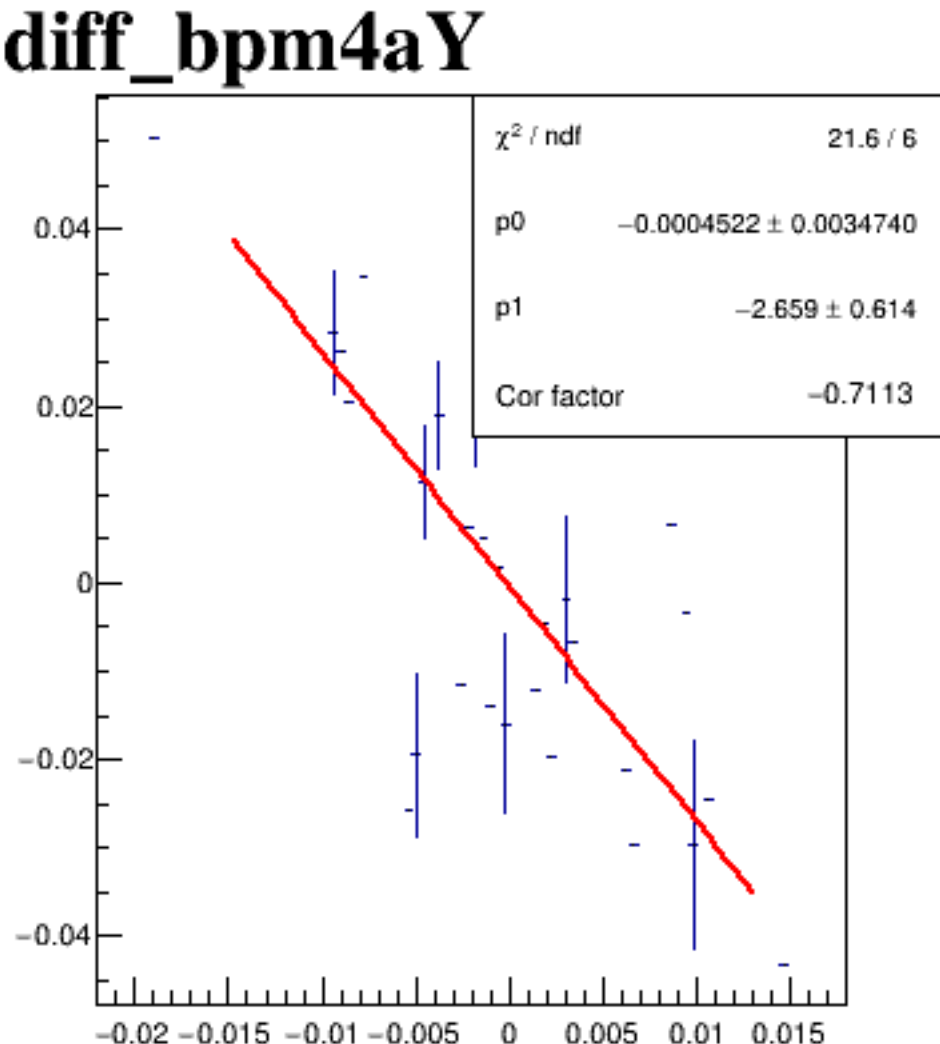
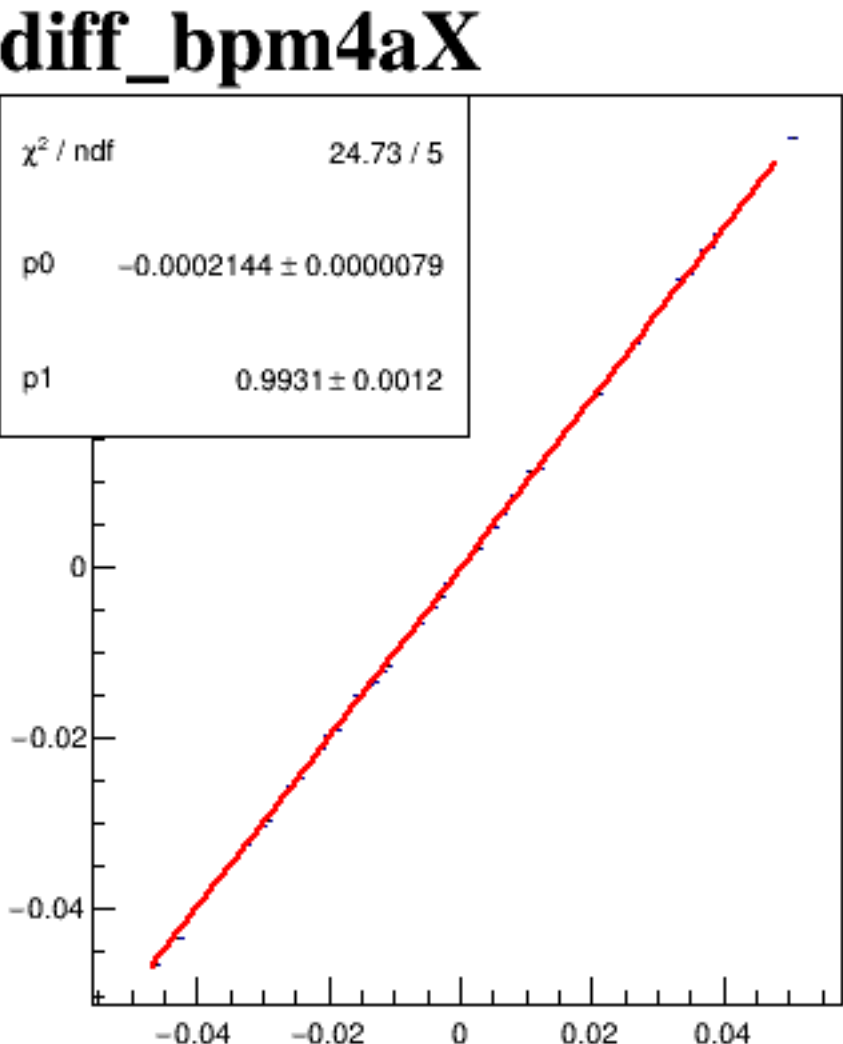
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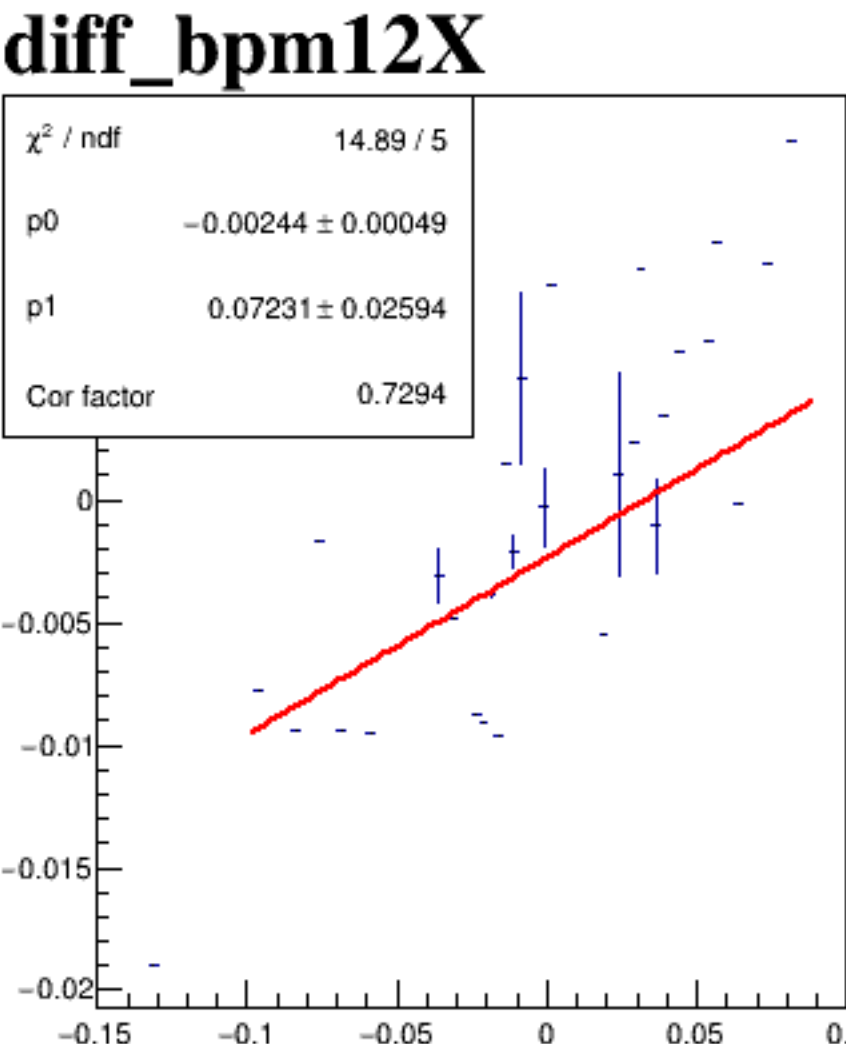
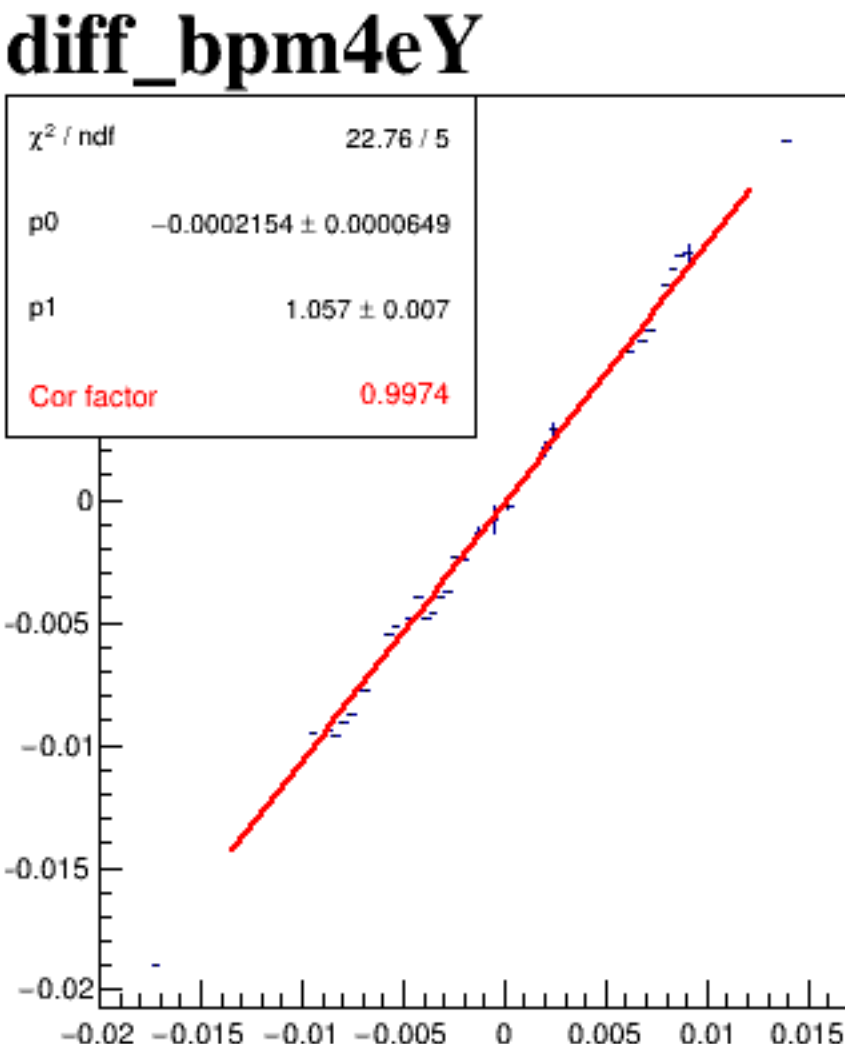
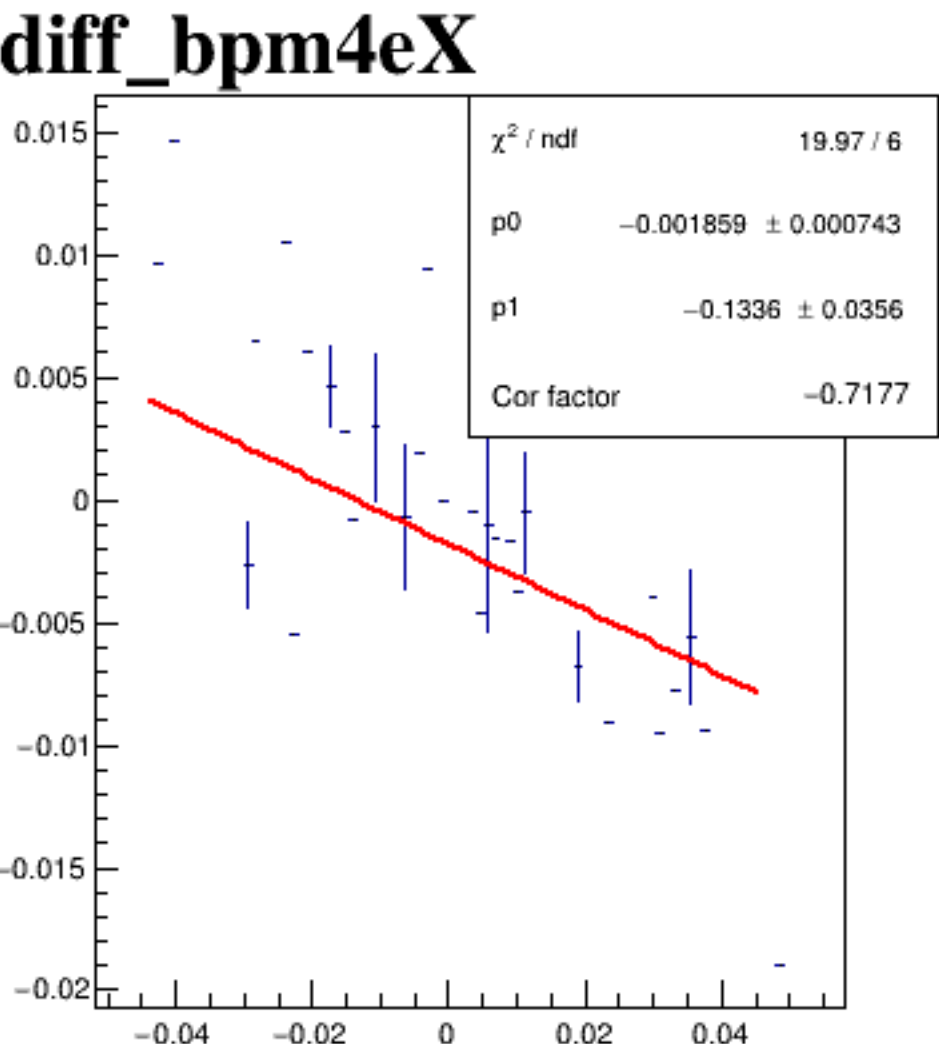
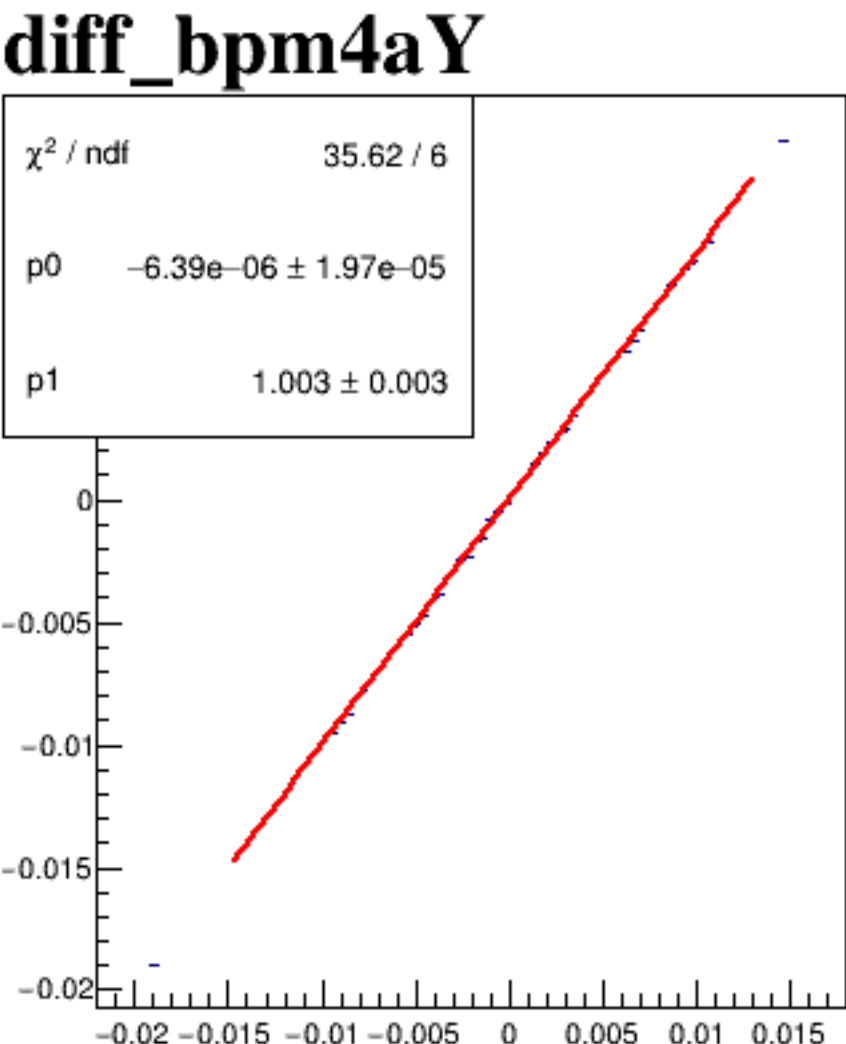
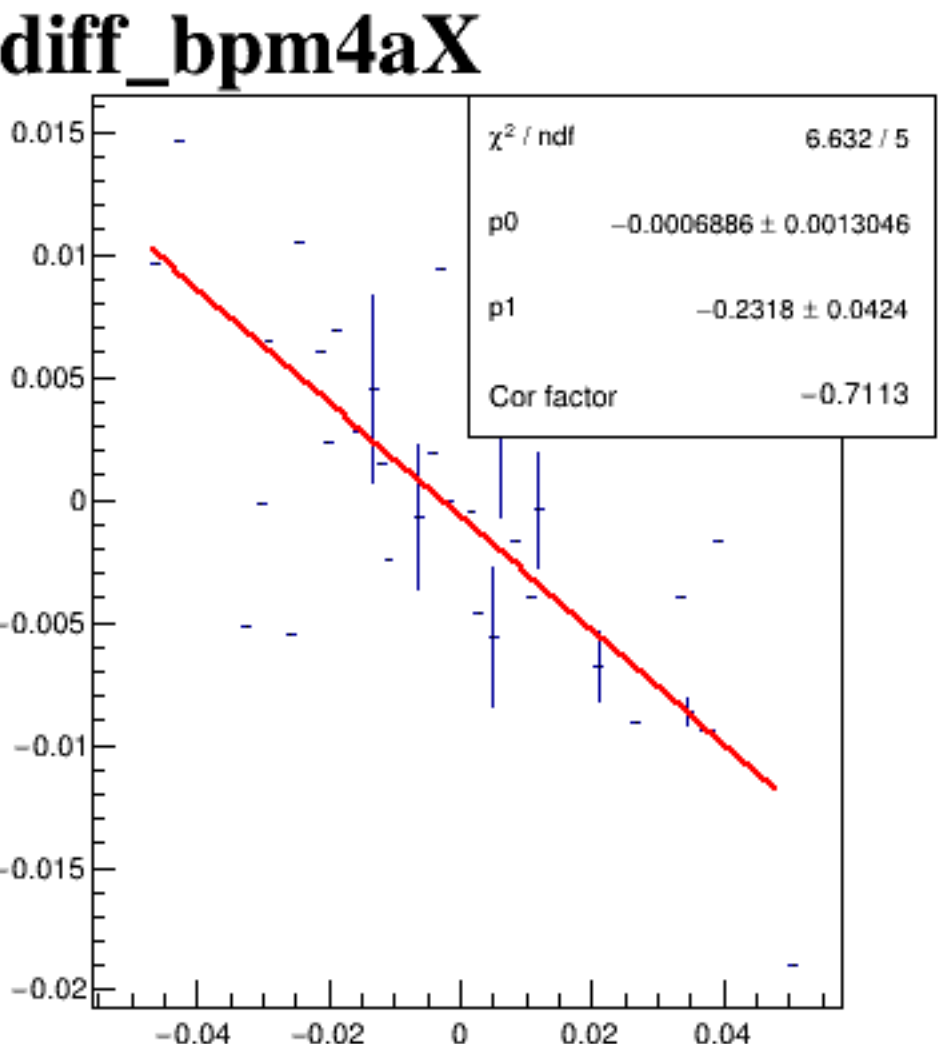
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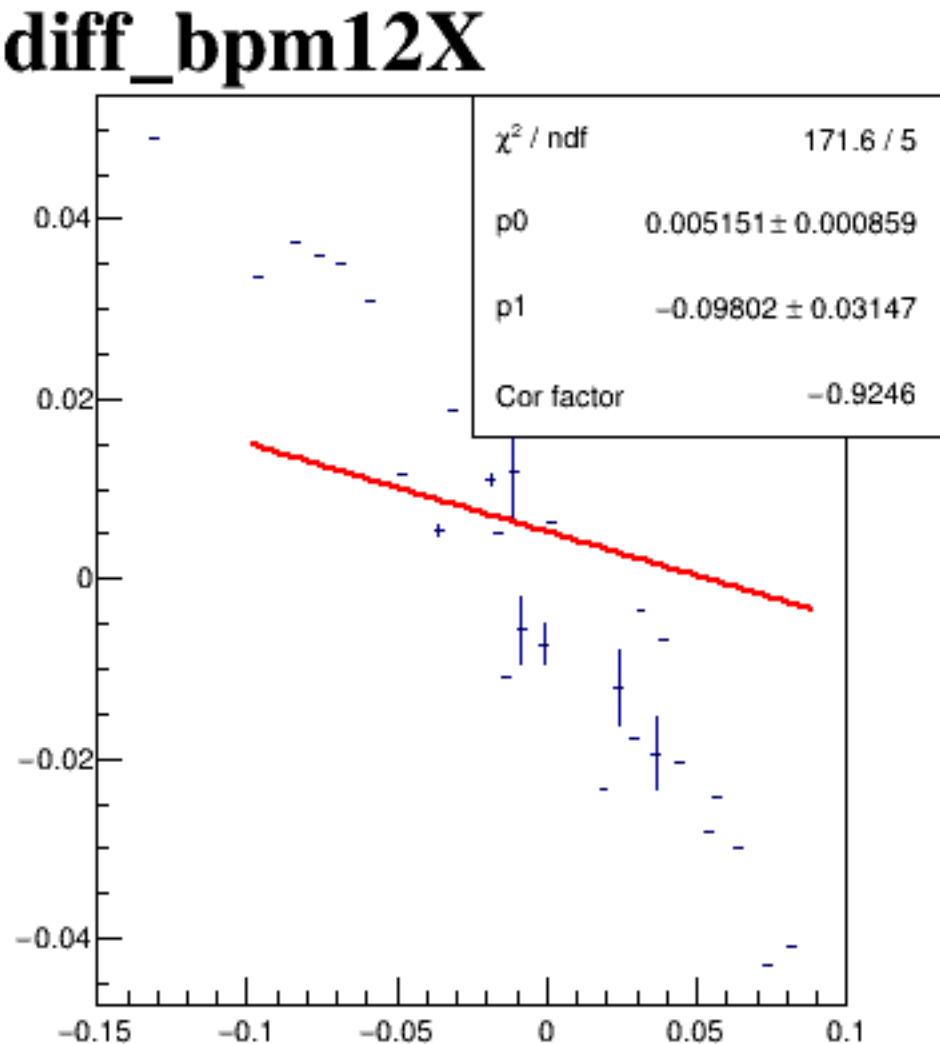
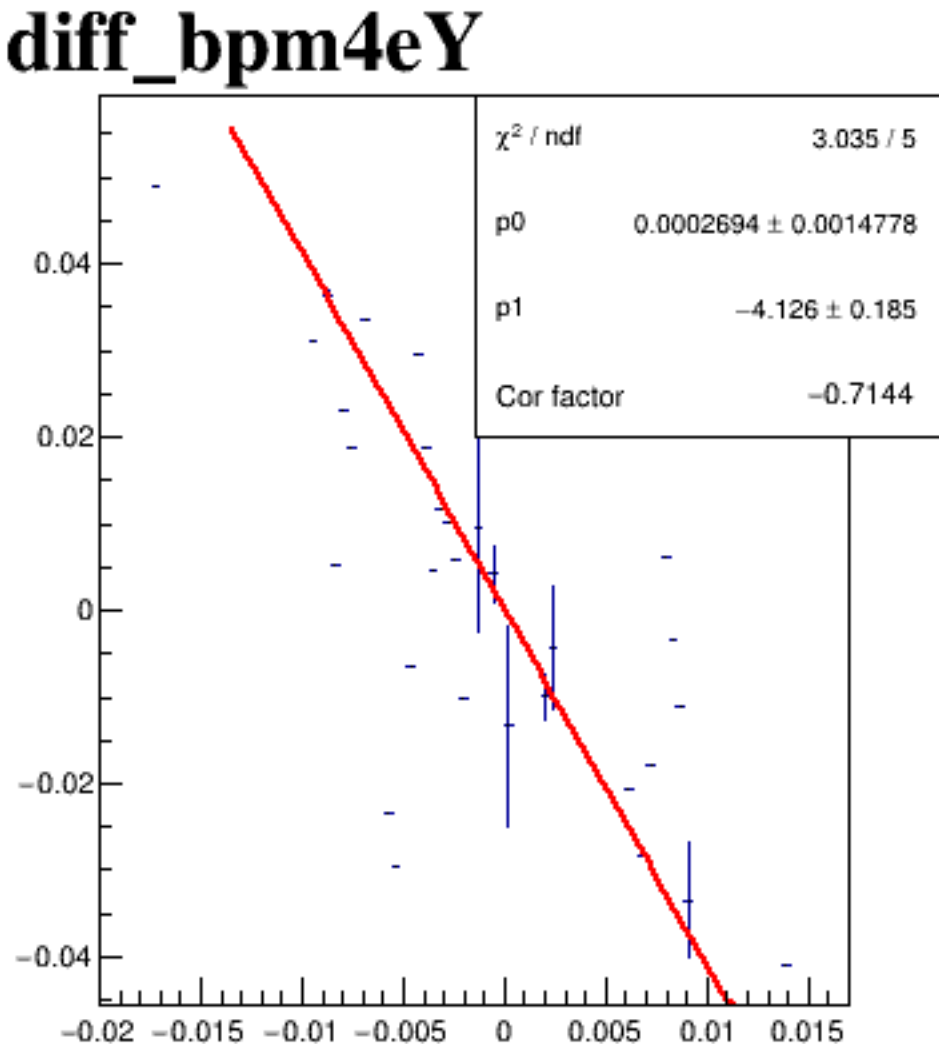
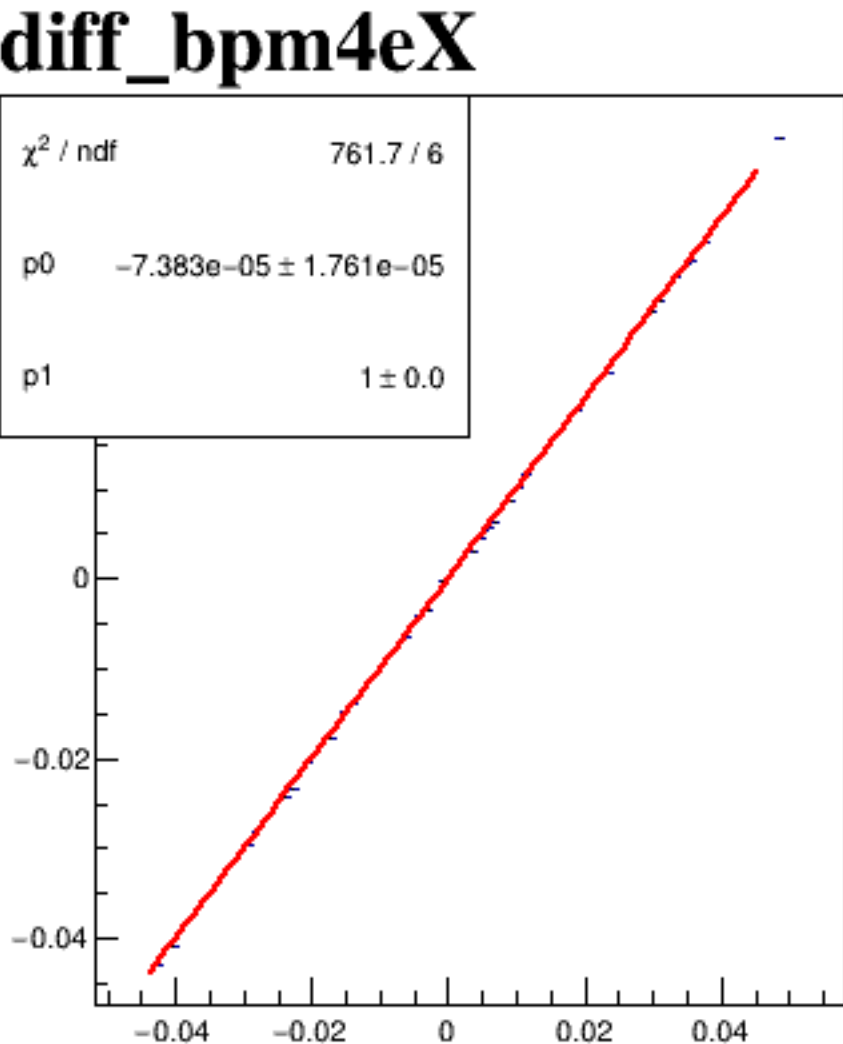
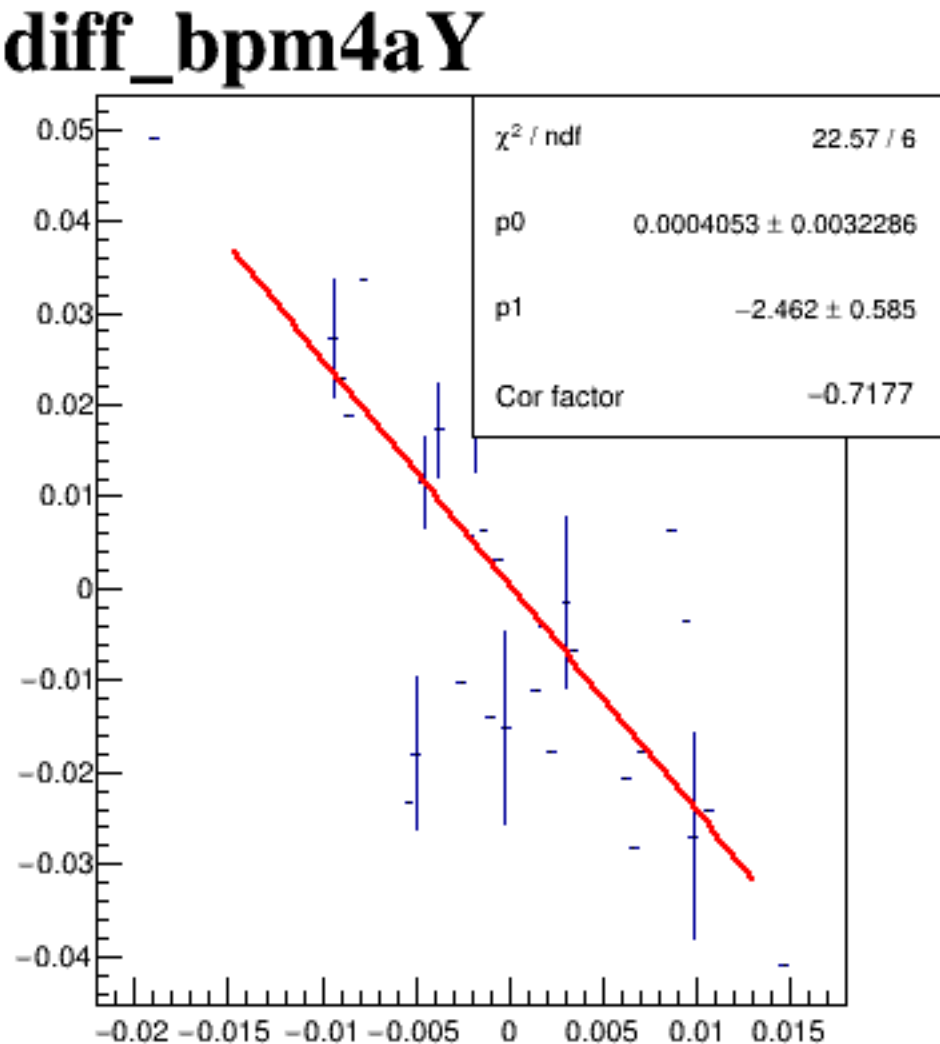
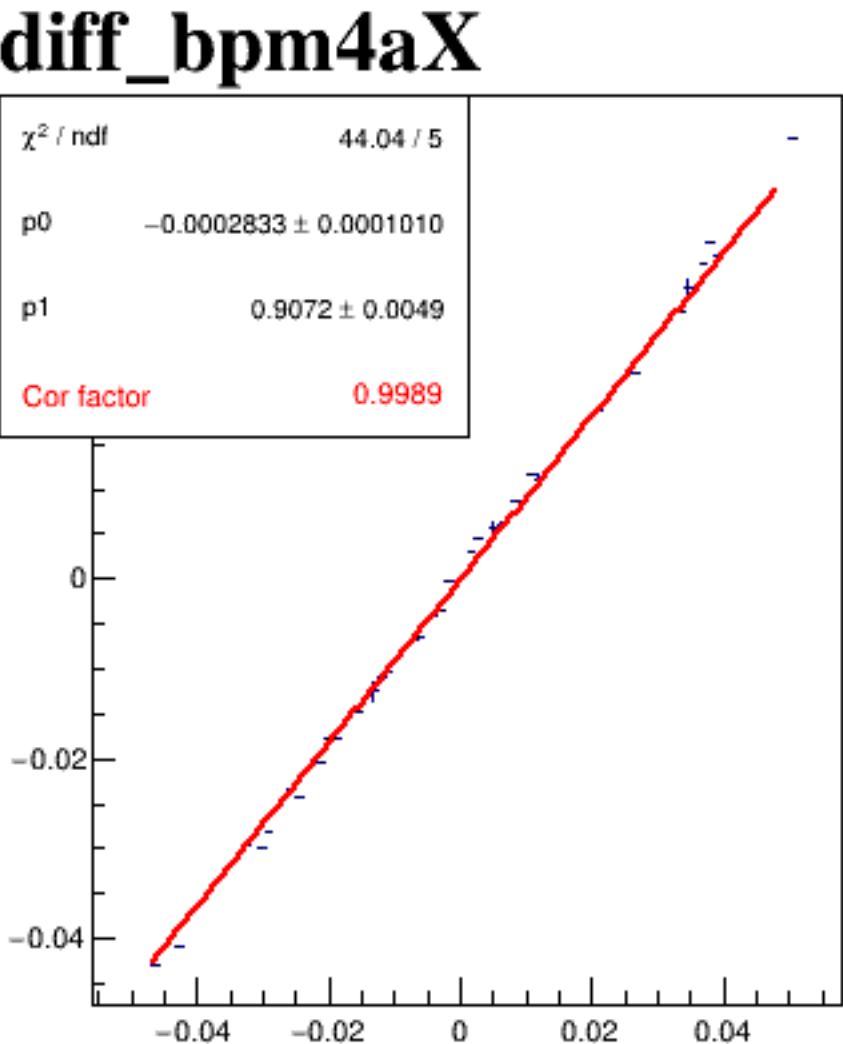
diff_bpm4aX



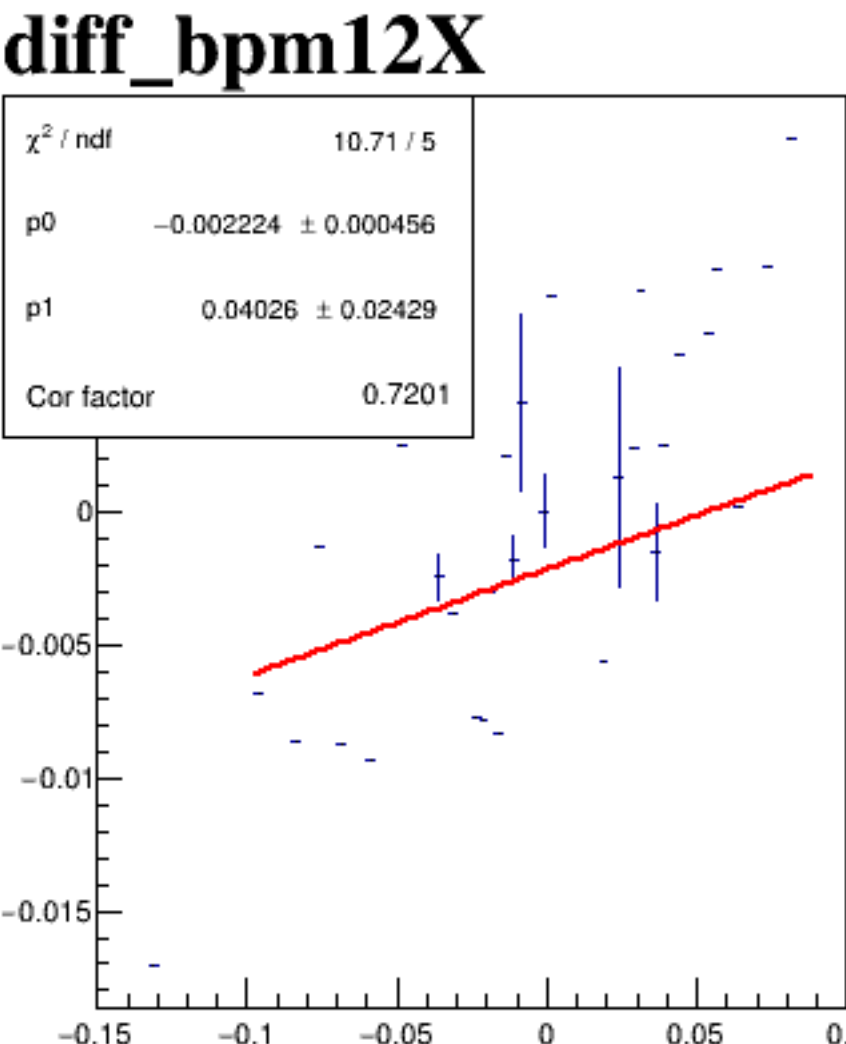
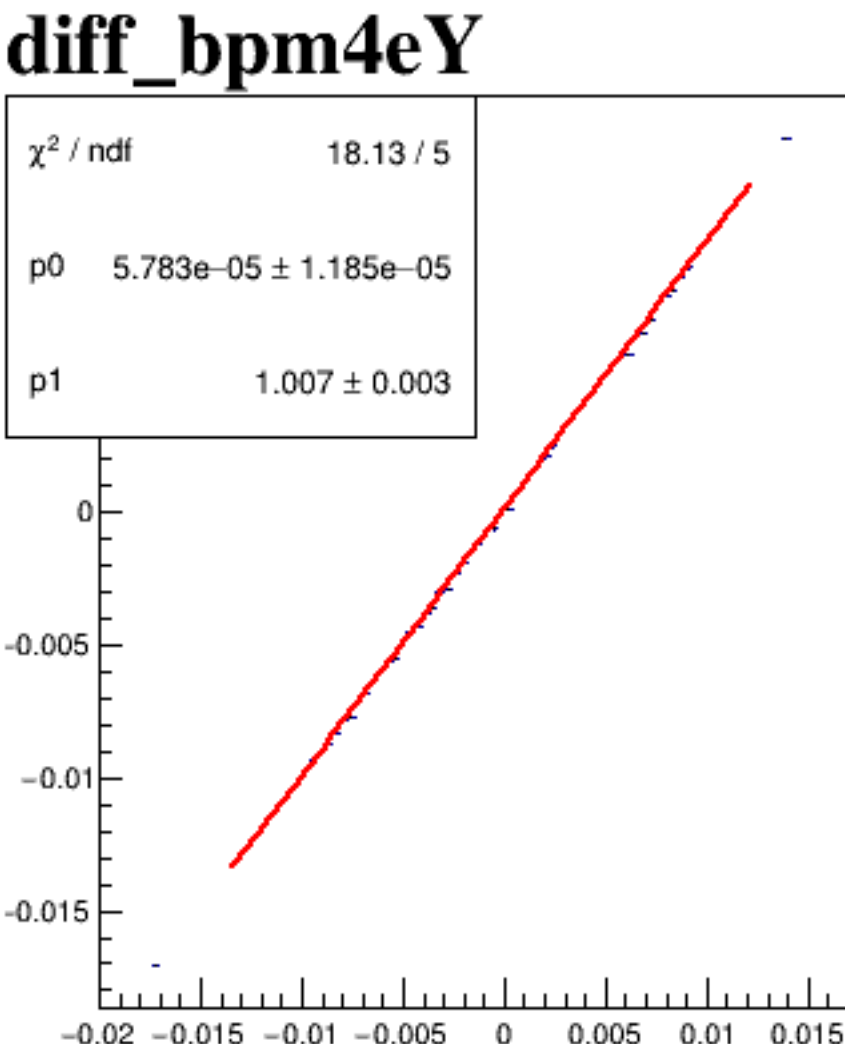
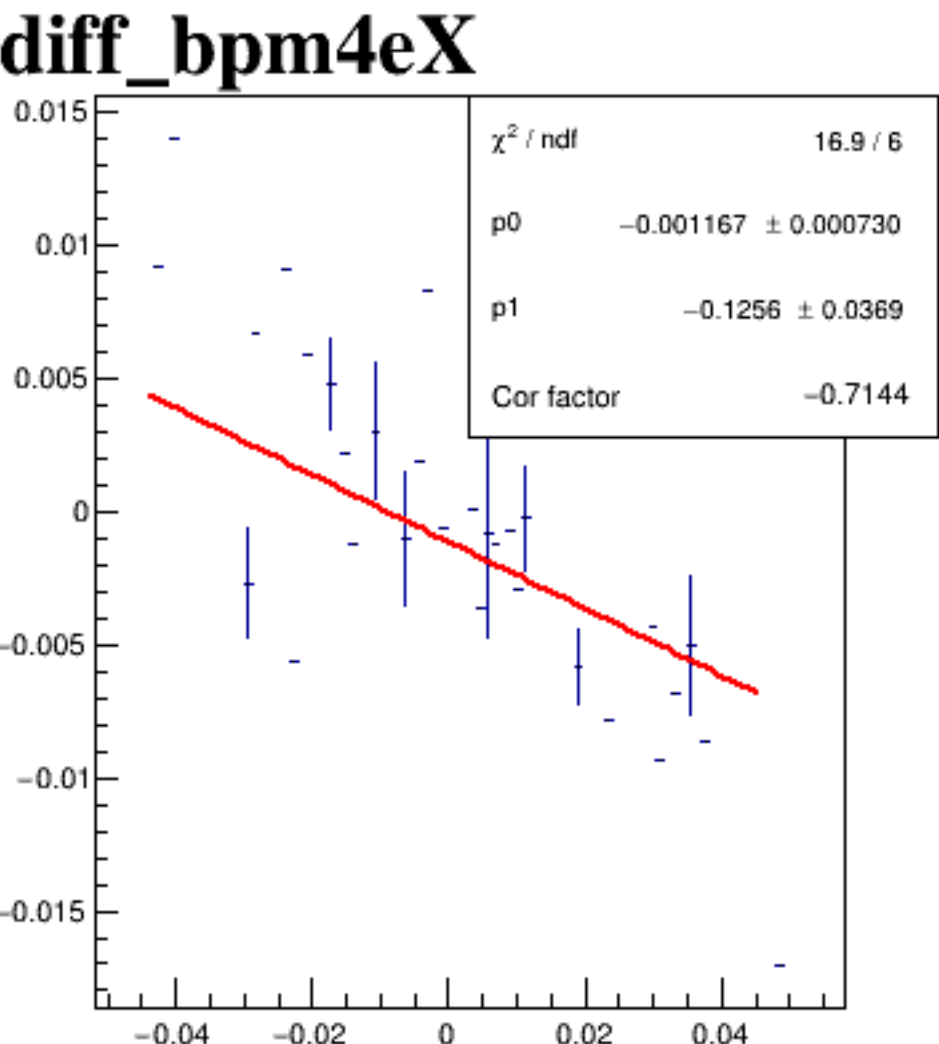
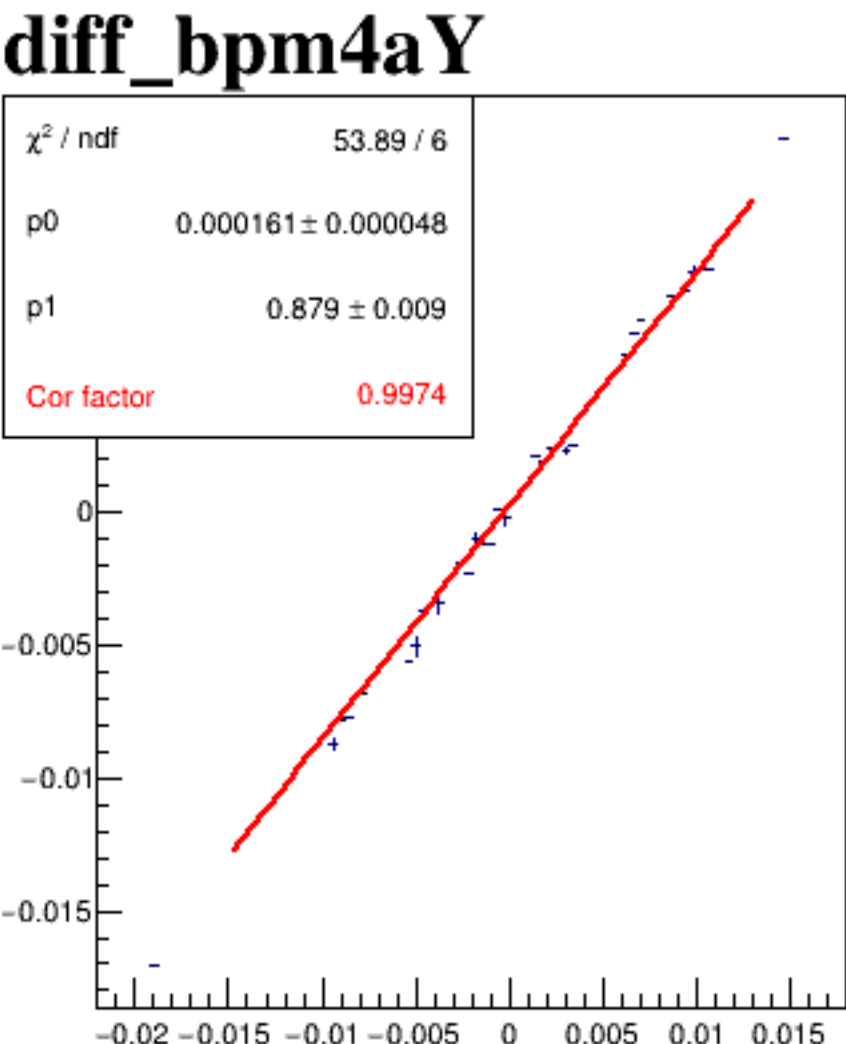
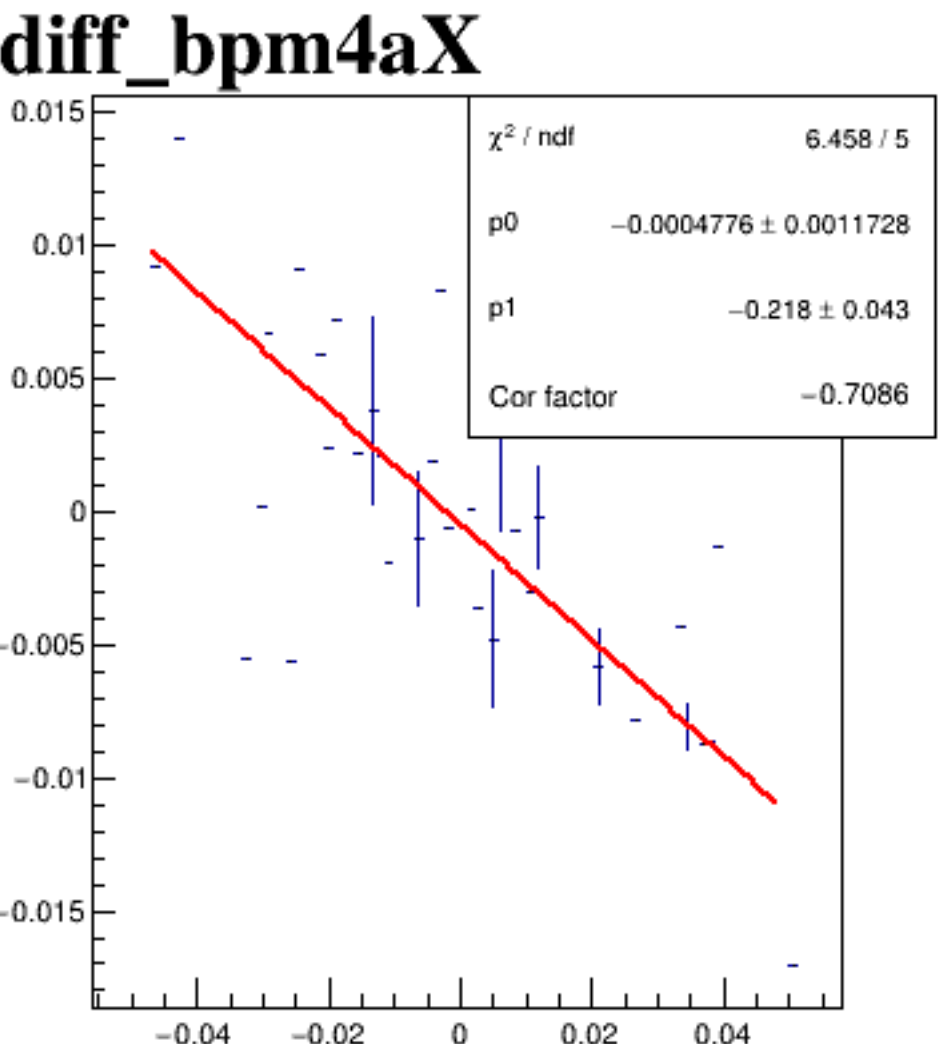
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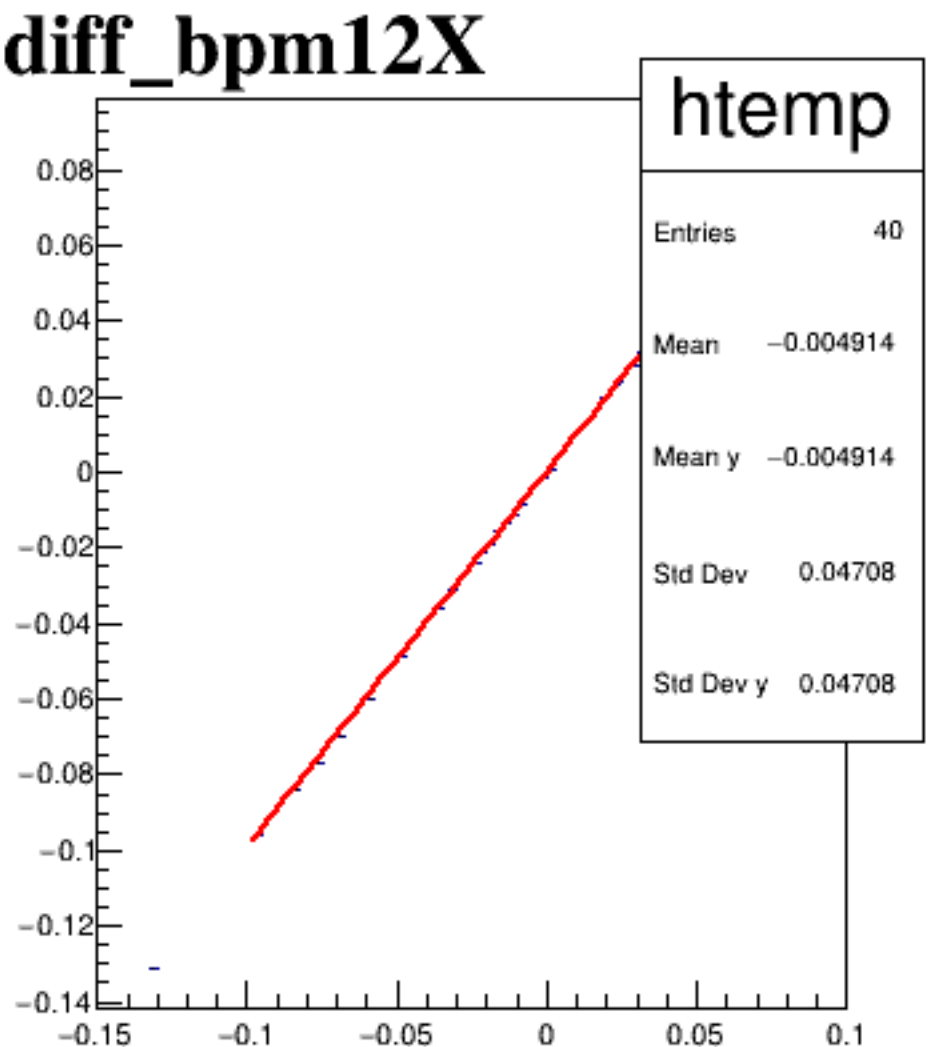
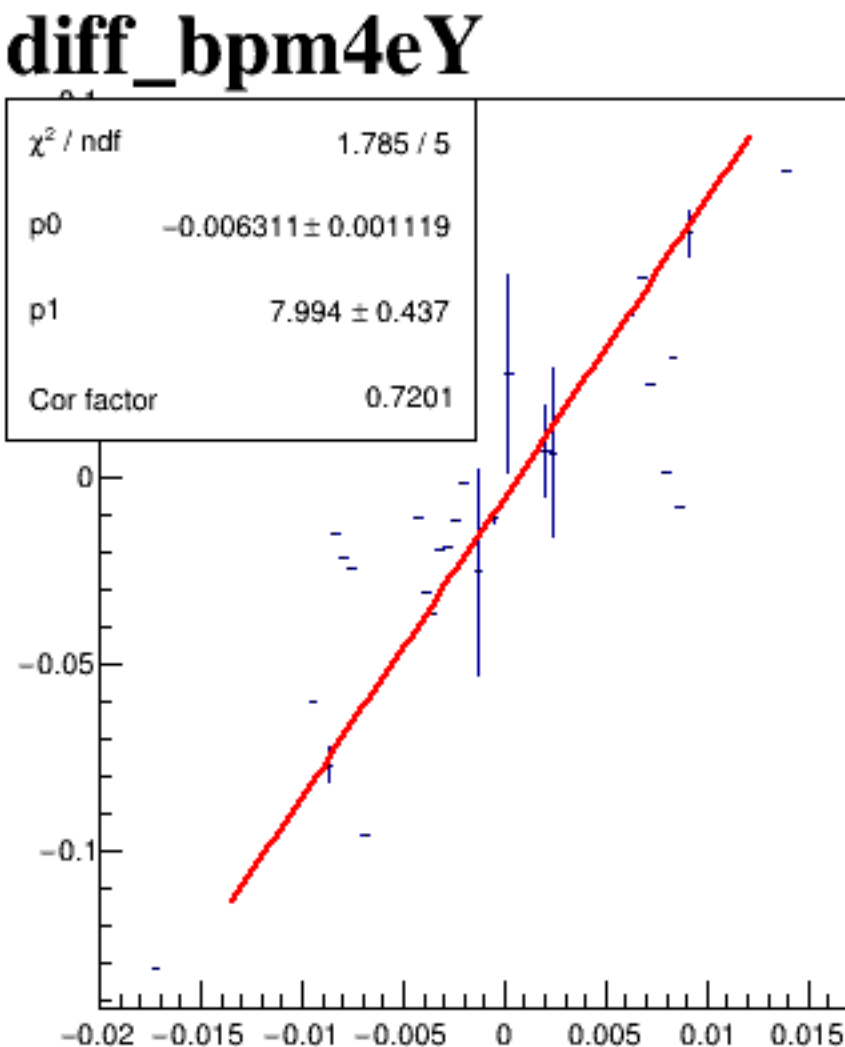
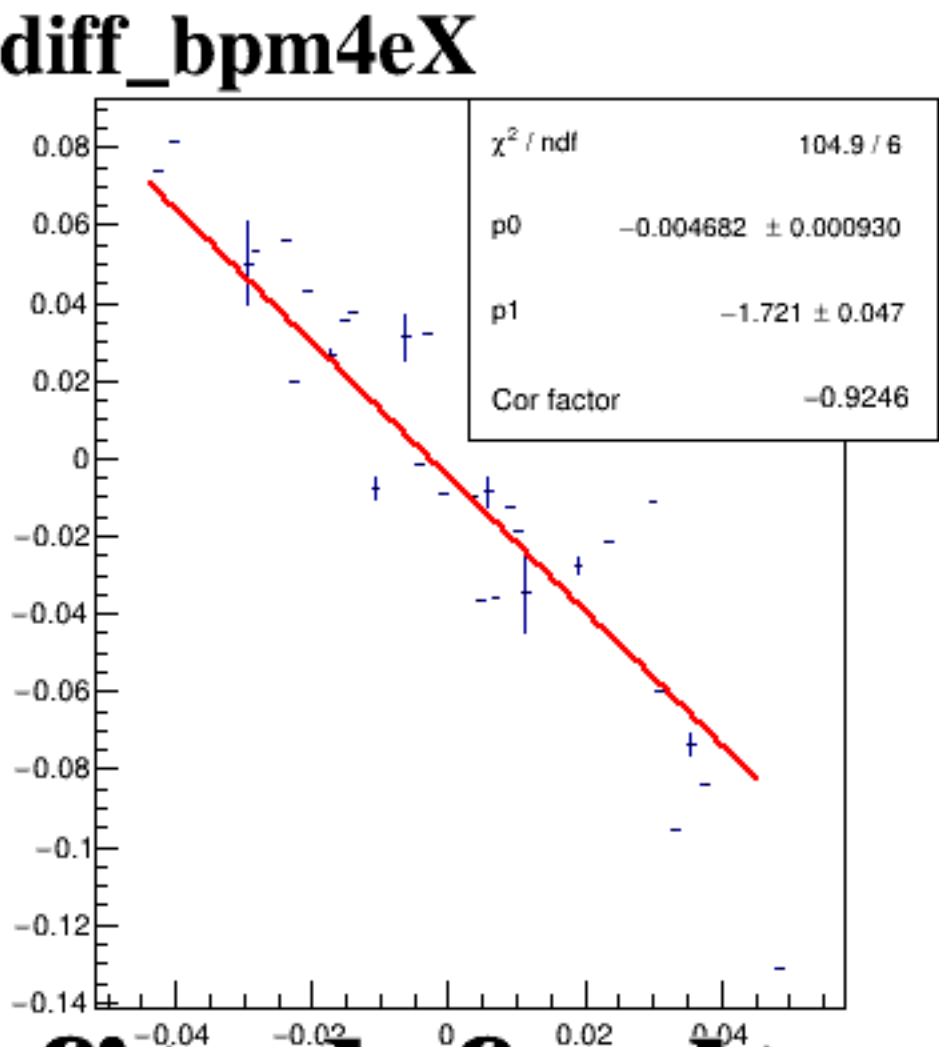
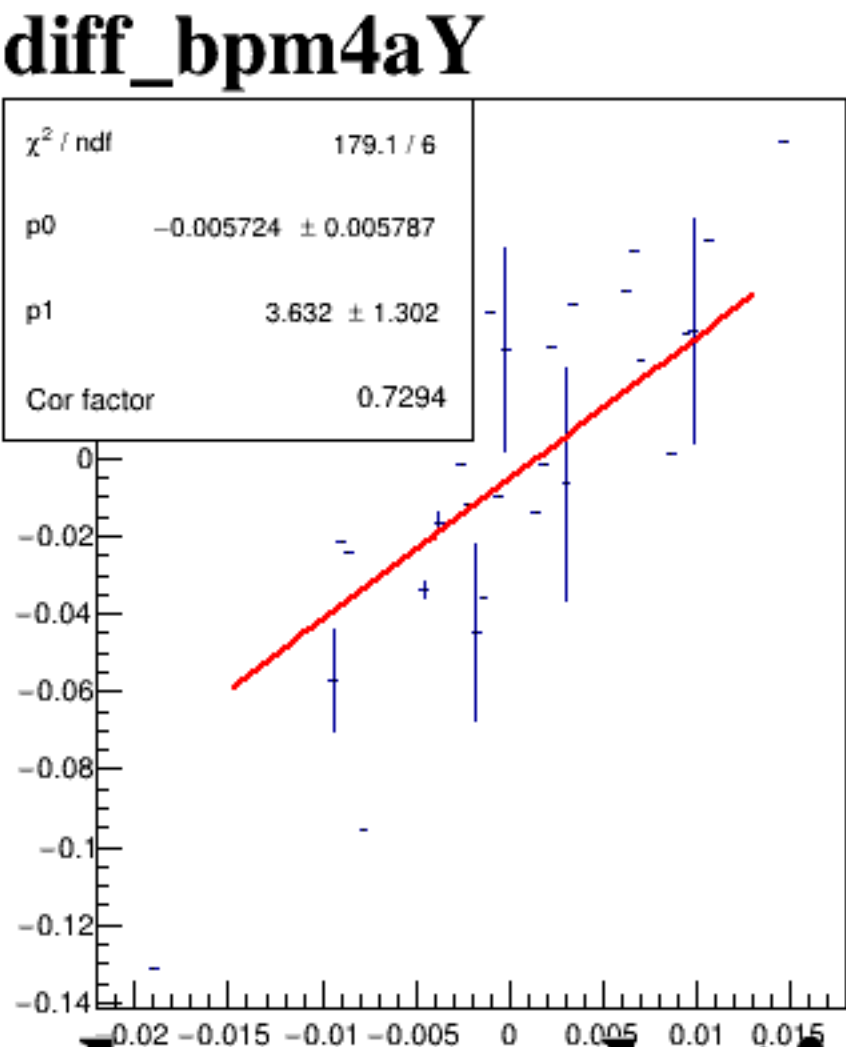
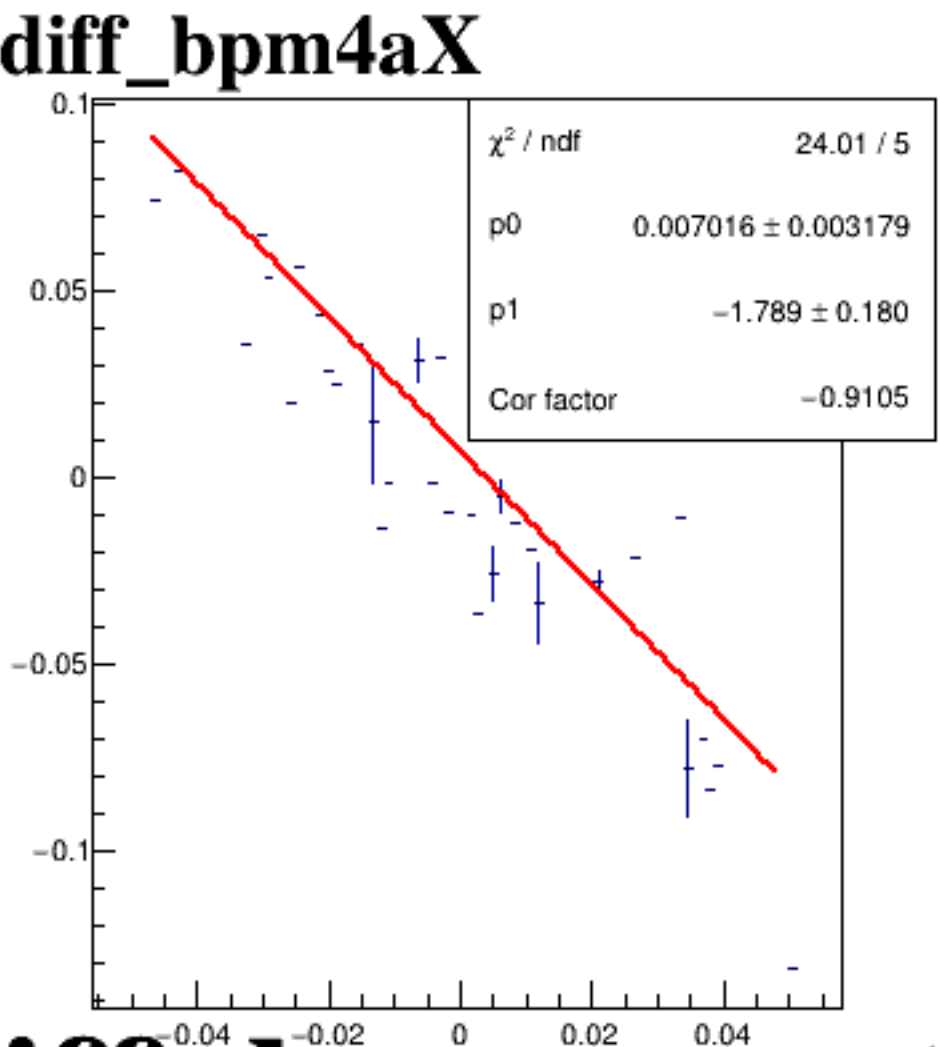
diff_bpm4eX



diff_bpm4eY



diff_bpm12X



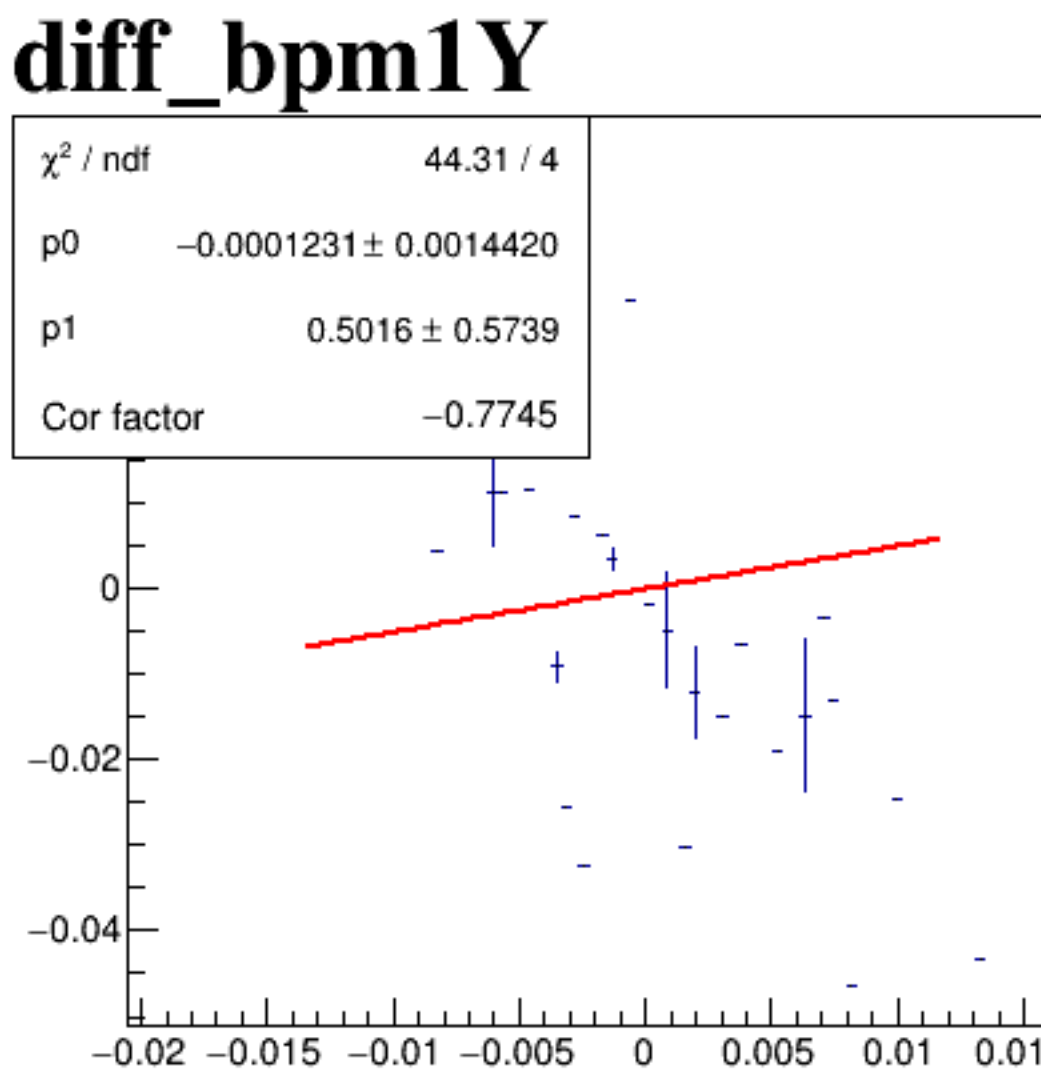
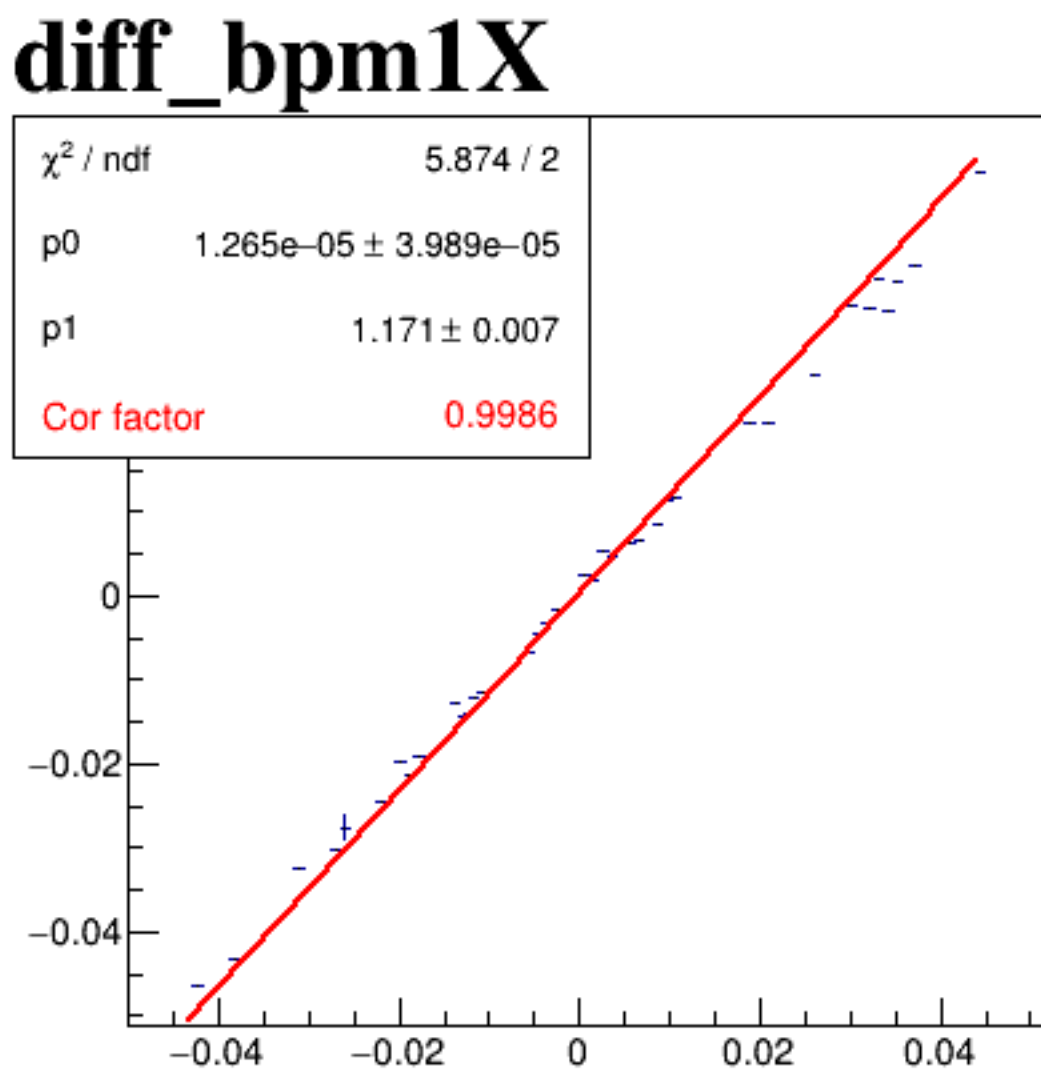
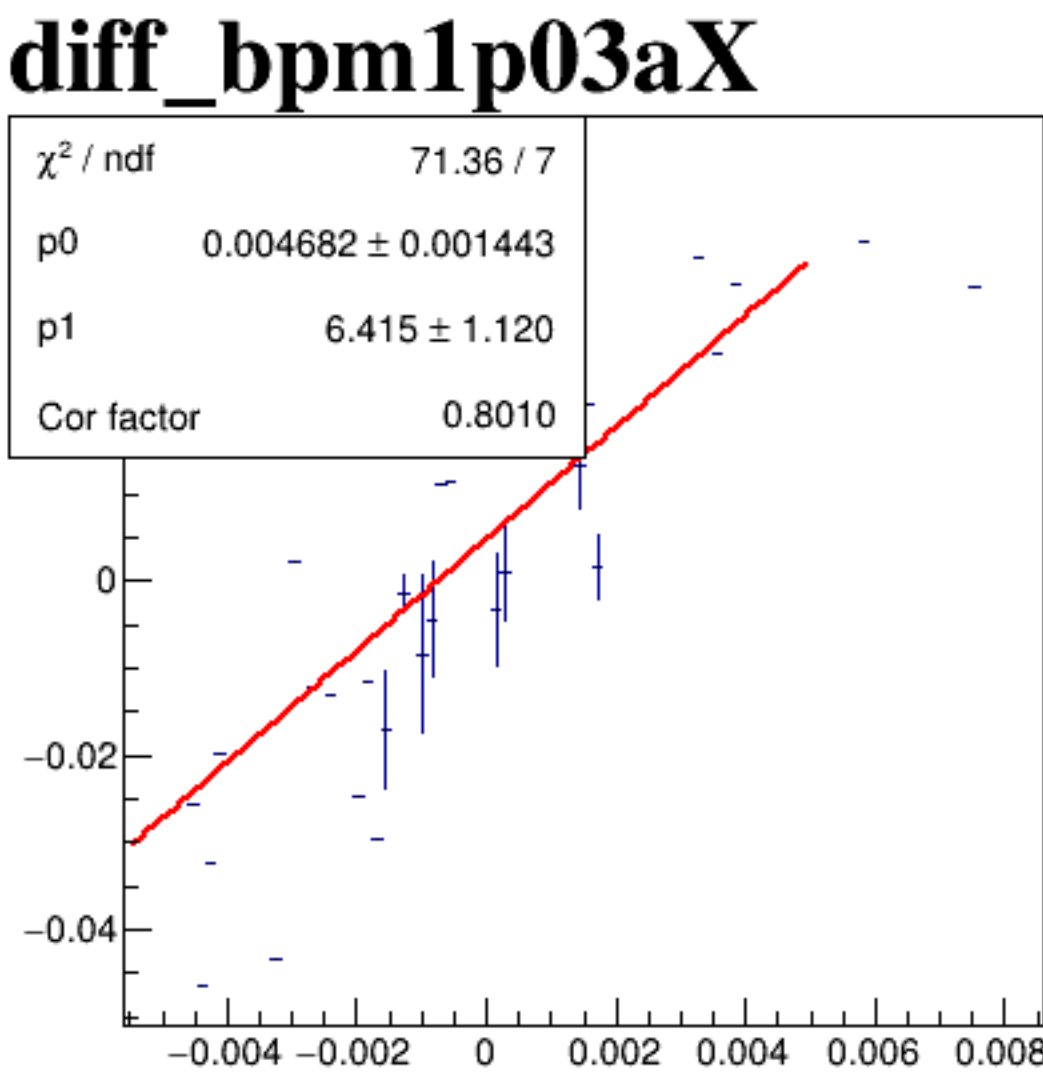
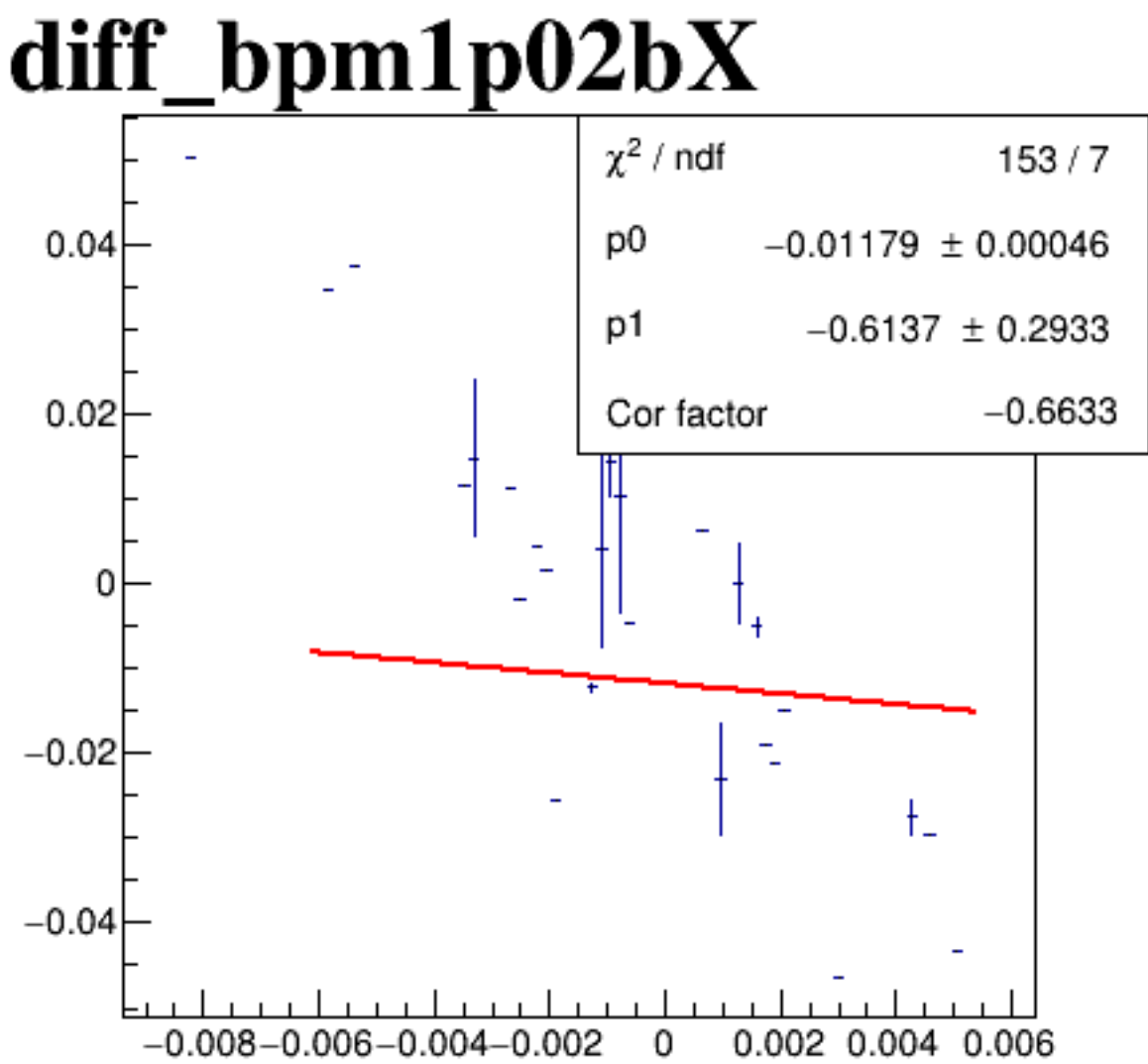
A scatter plot titled "diff_bpm1Y" showing the relationship between "diff_bpm1Y" on the x-axis and "diff_bpm1Y" on the y-axis. The x-axis ranges from -0.02 to 0.015, and the y-axis ranges from -0.04 to 0.04. The data points are colored according to a scale from -1 (dark blue) to 1 (yellow). The plot shows a positive correlation, with points generally following a diagonal trend from the bottom-left to the top-right. The color scale indicates that the values are mostly positive, with a few negative values at the bottom-left.

A scatter plot titled "diff_bpm1Y" showing the relationship between "diff_bpm1Y" on the x-axis and "diff_bpm1Y" on the y-axis. The x-axis ranges from -0.02 to 0.015, and the y-axis ranges from -0.02 to 0.015. The plot shows a positive correlation, with data points colored according to a scale from -2 (blue) to 2 (yellow). The points are clustered along a diagonal line, indicating a strong positive relationship.

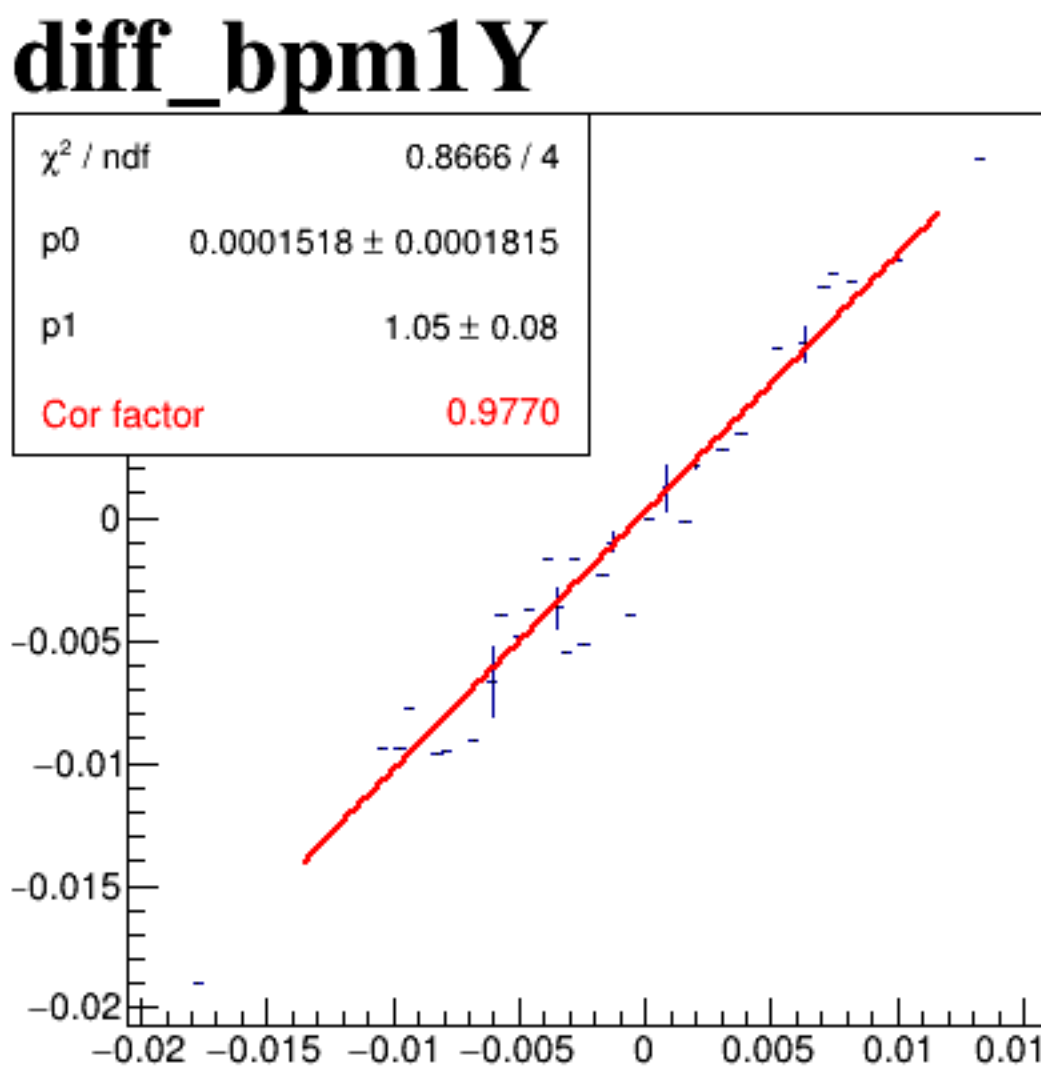
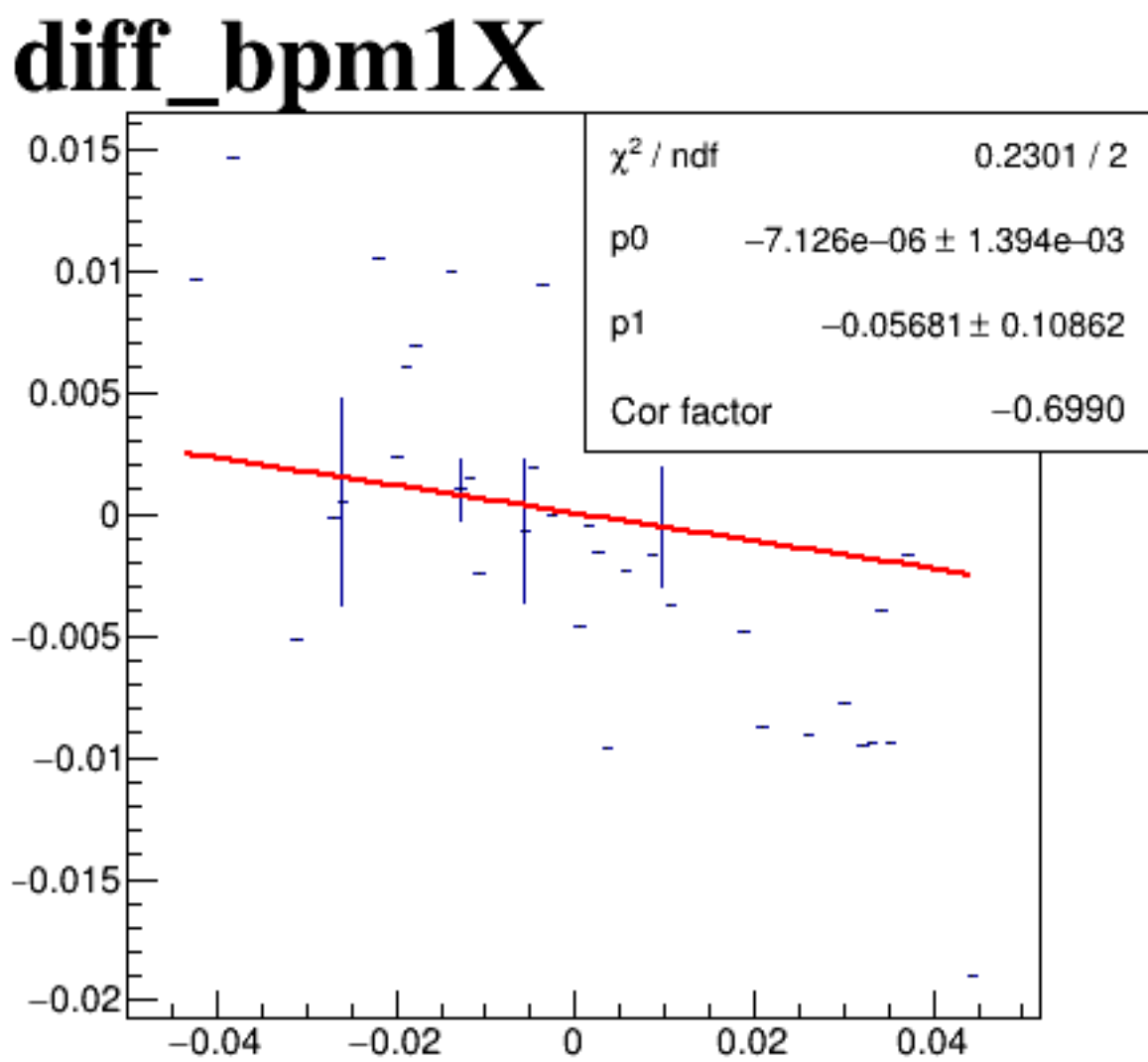
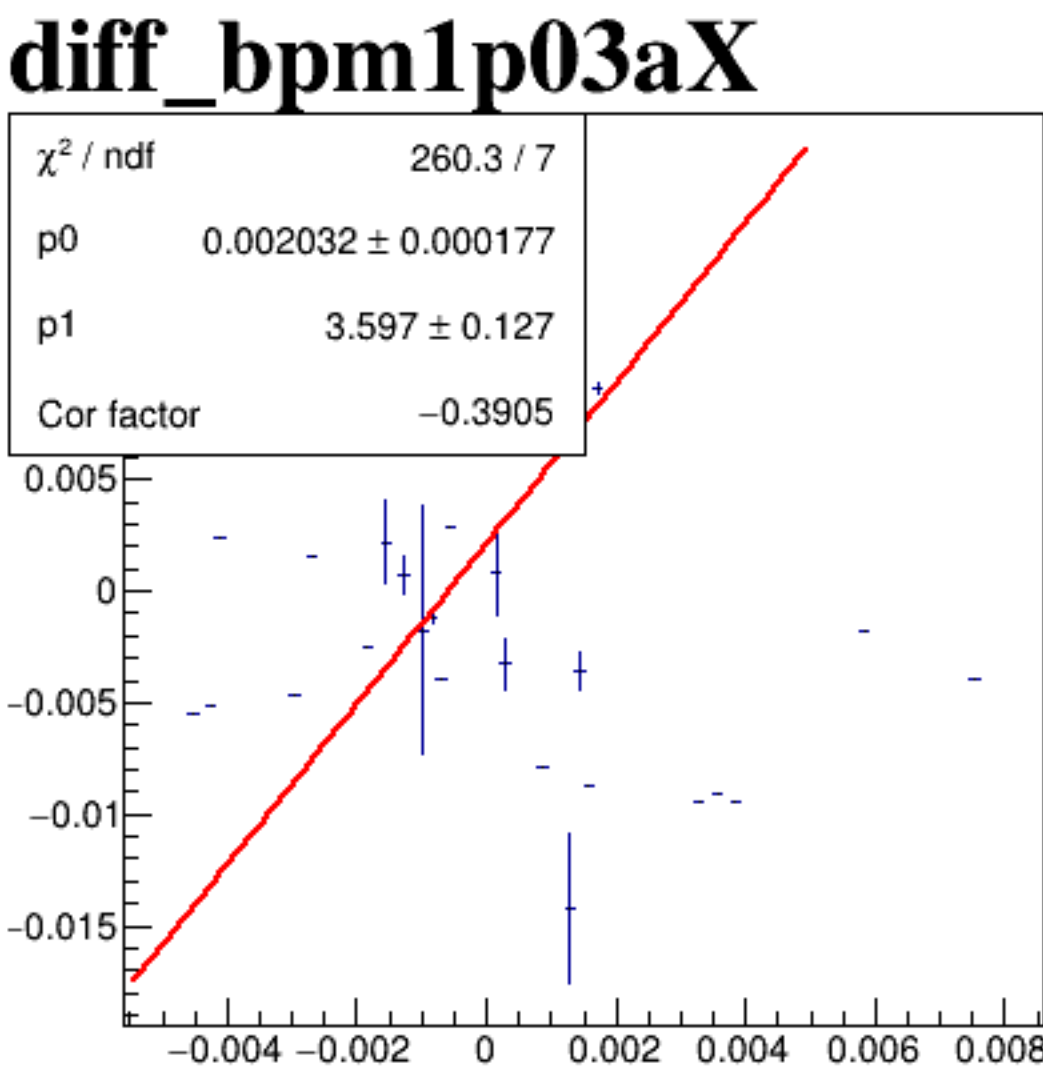
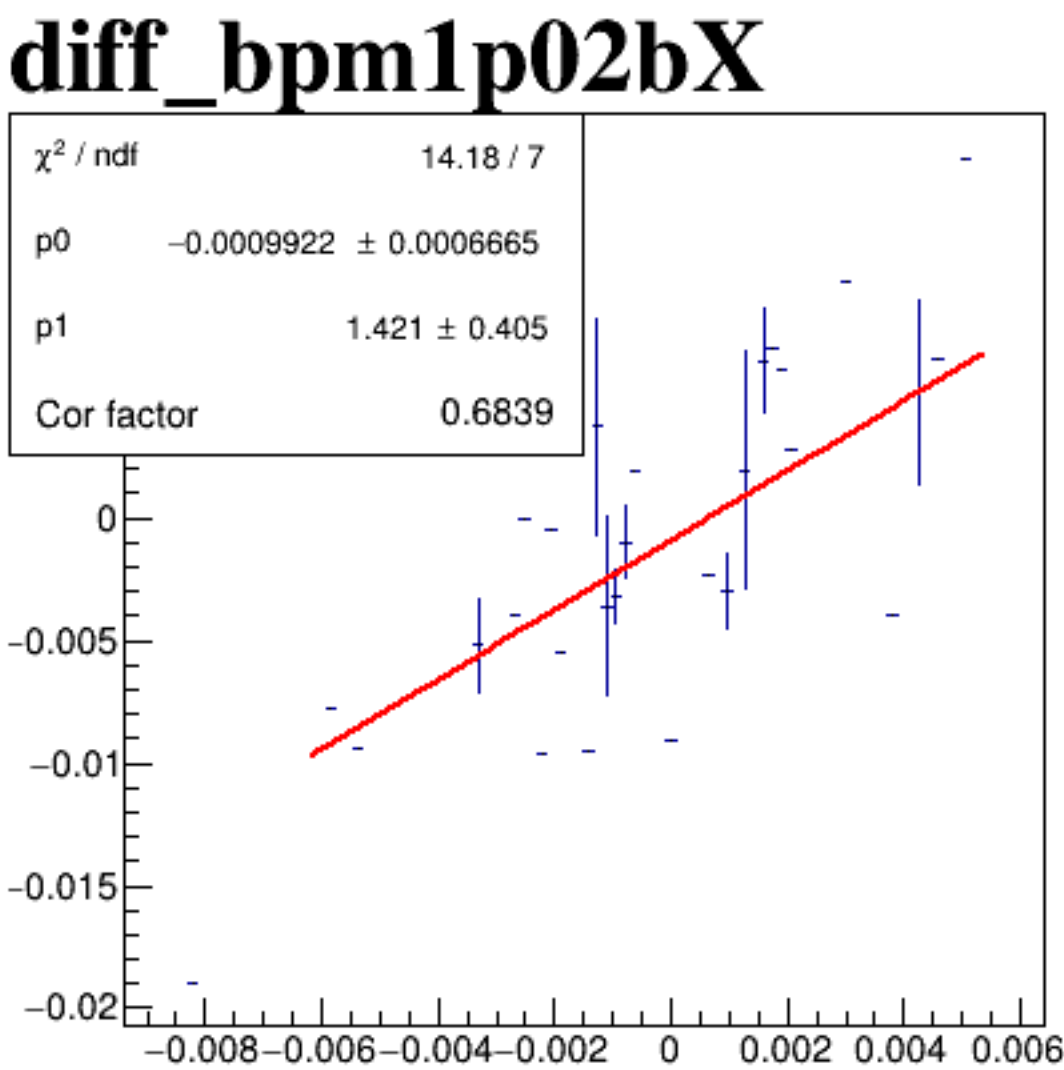
The figure is a scatter plot titled "diff_bpm1Y". The x-axis is labeled "diff bpm1Y" and ranges from -0.02 to 0.015. The y-axis is labeled "diff bpm1Y" and ranges from -0.02 to 0.015. The plot shows a positive correlation between the two variables. A color scale on the right indicates values from 0 (dark blue) to 2 (yellow). The data points are concentrated along a diagonal line, with a few outliers at the extremes.

run8321_001_diff_bpm_mutual_correlation_COLZ_upstream.png

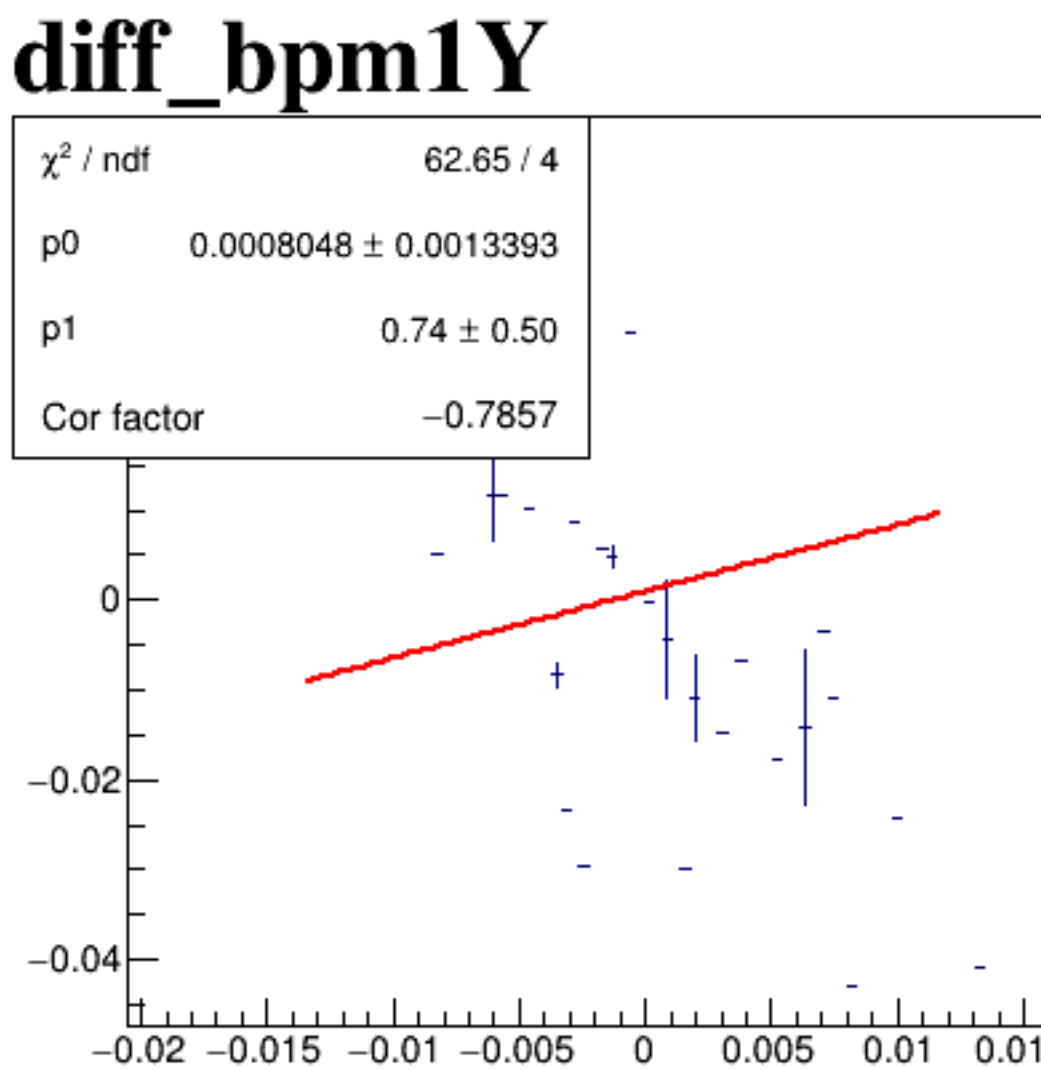
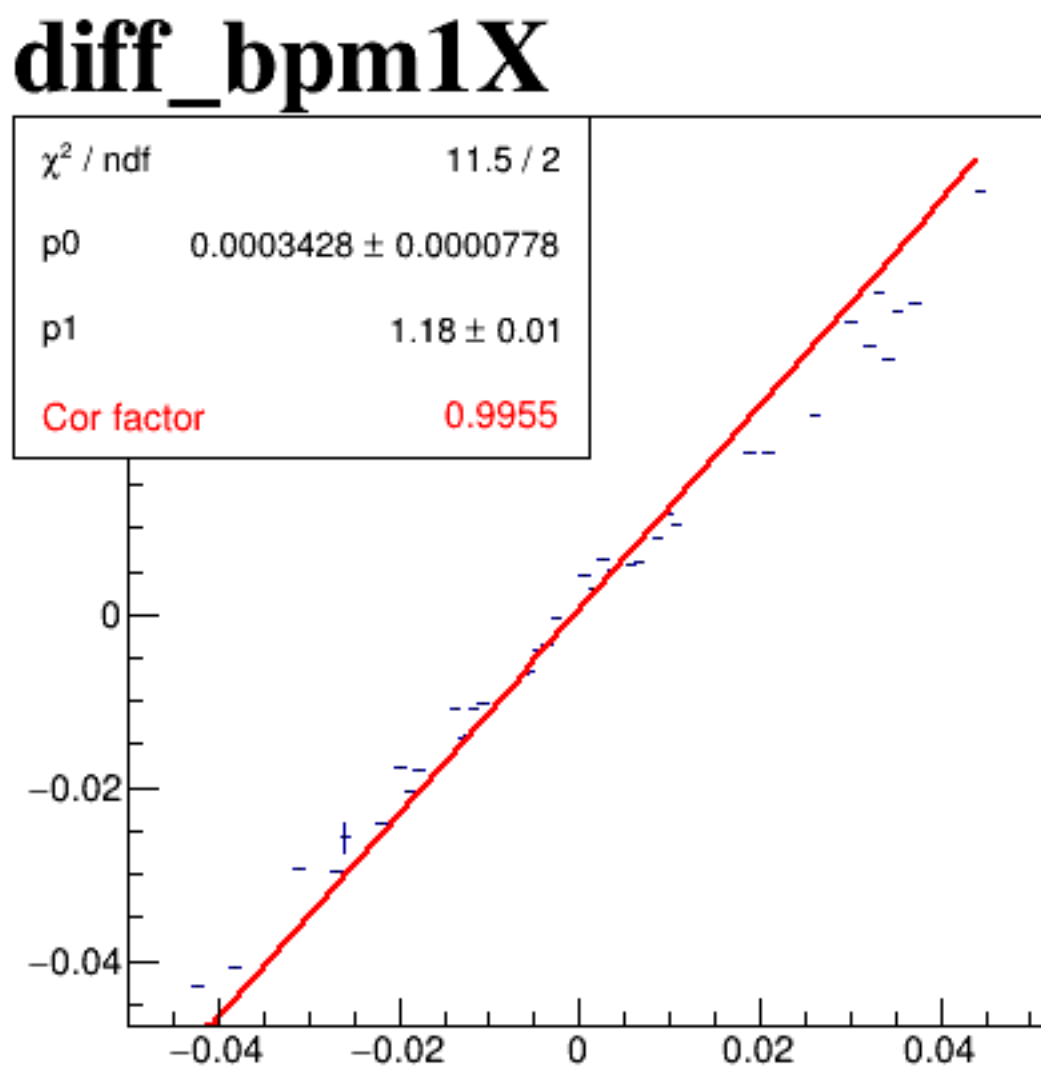
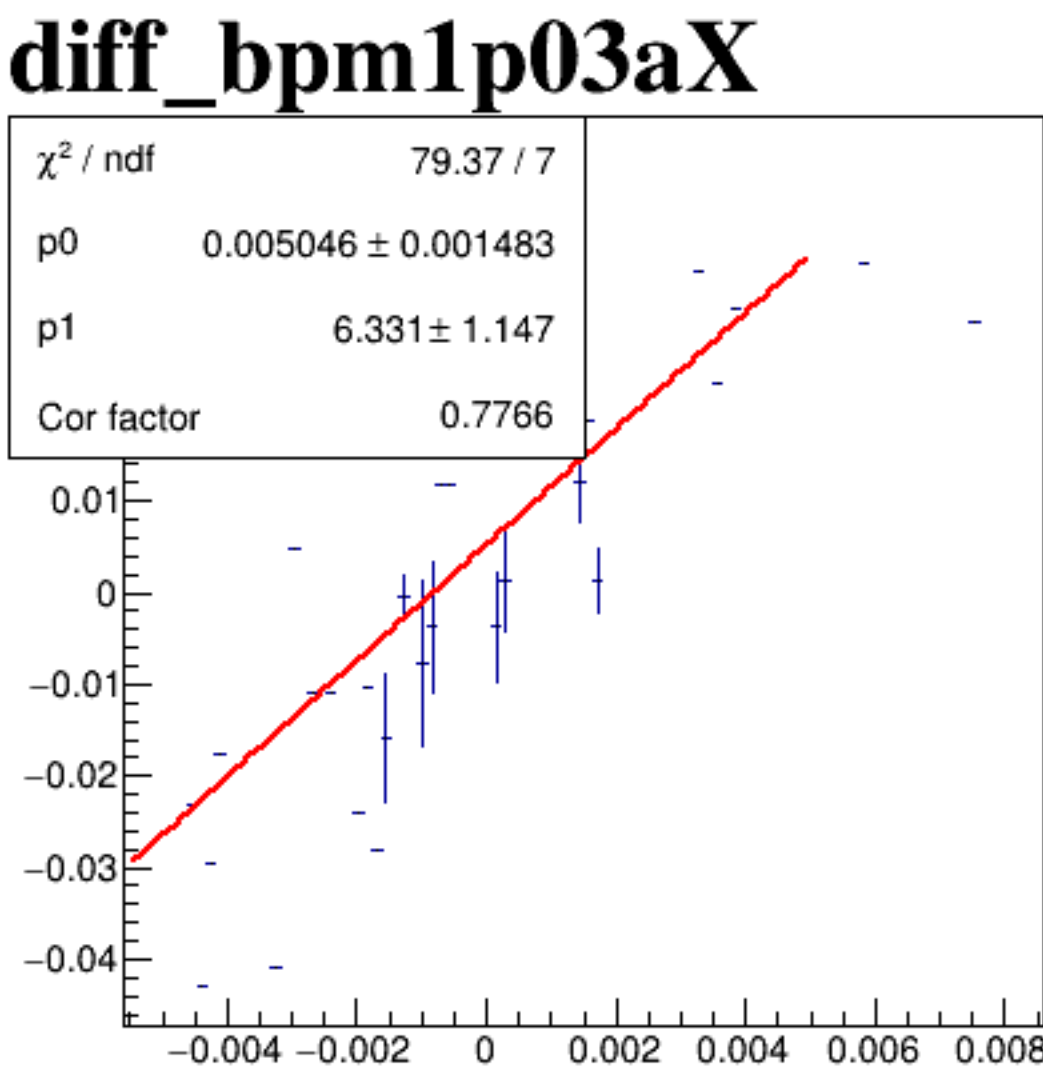
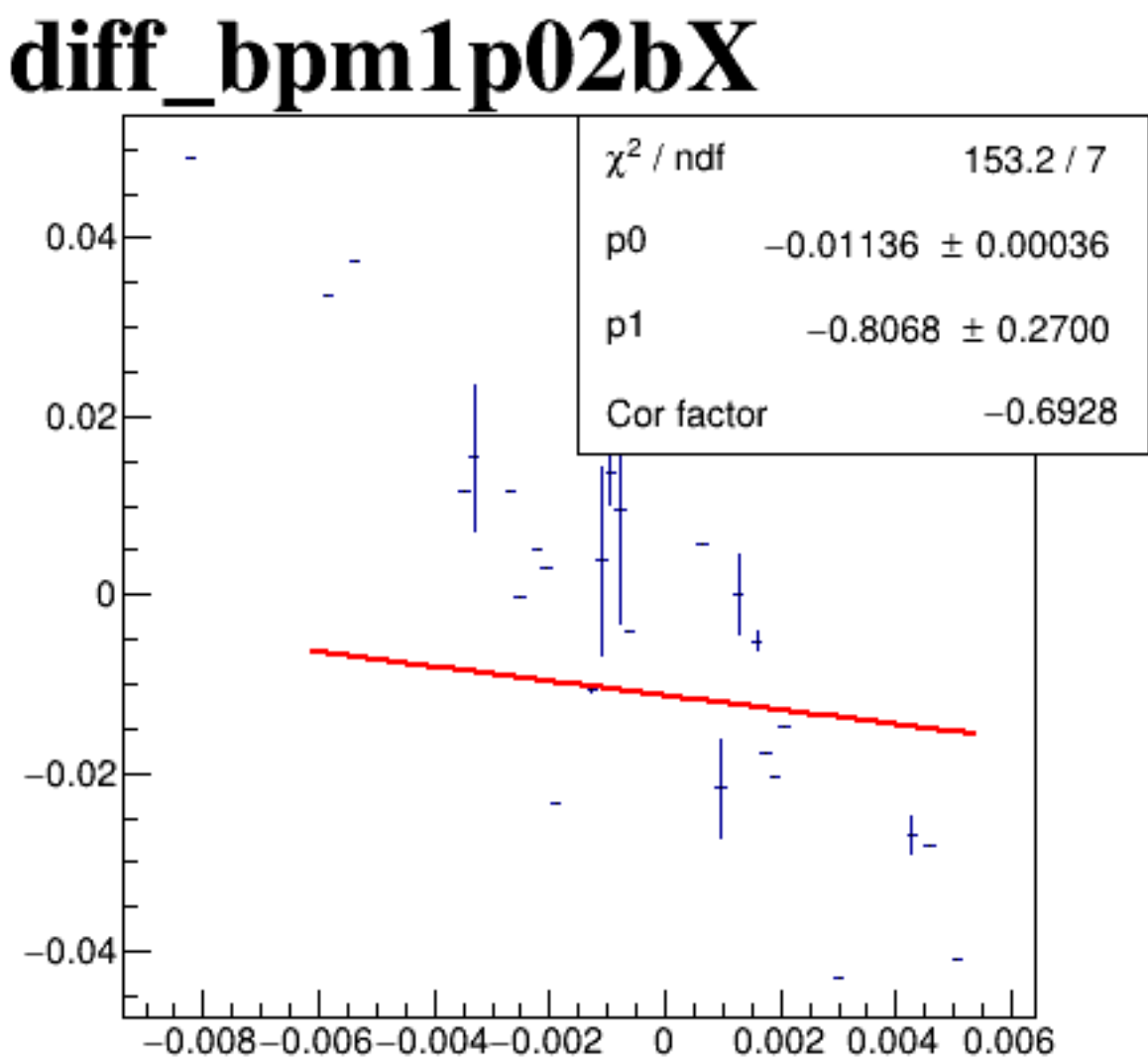
diff_bpm4aX



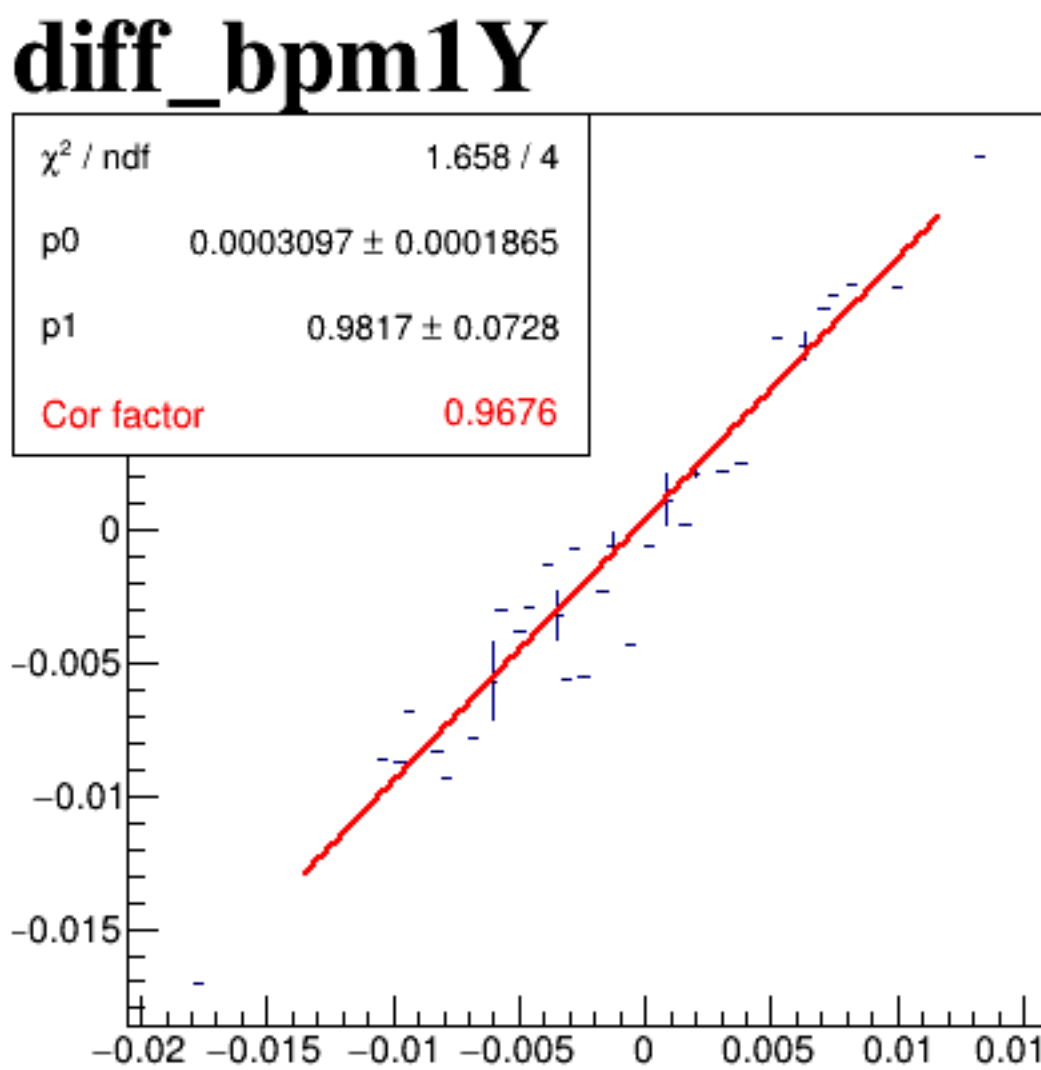
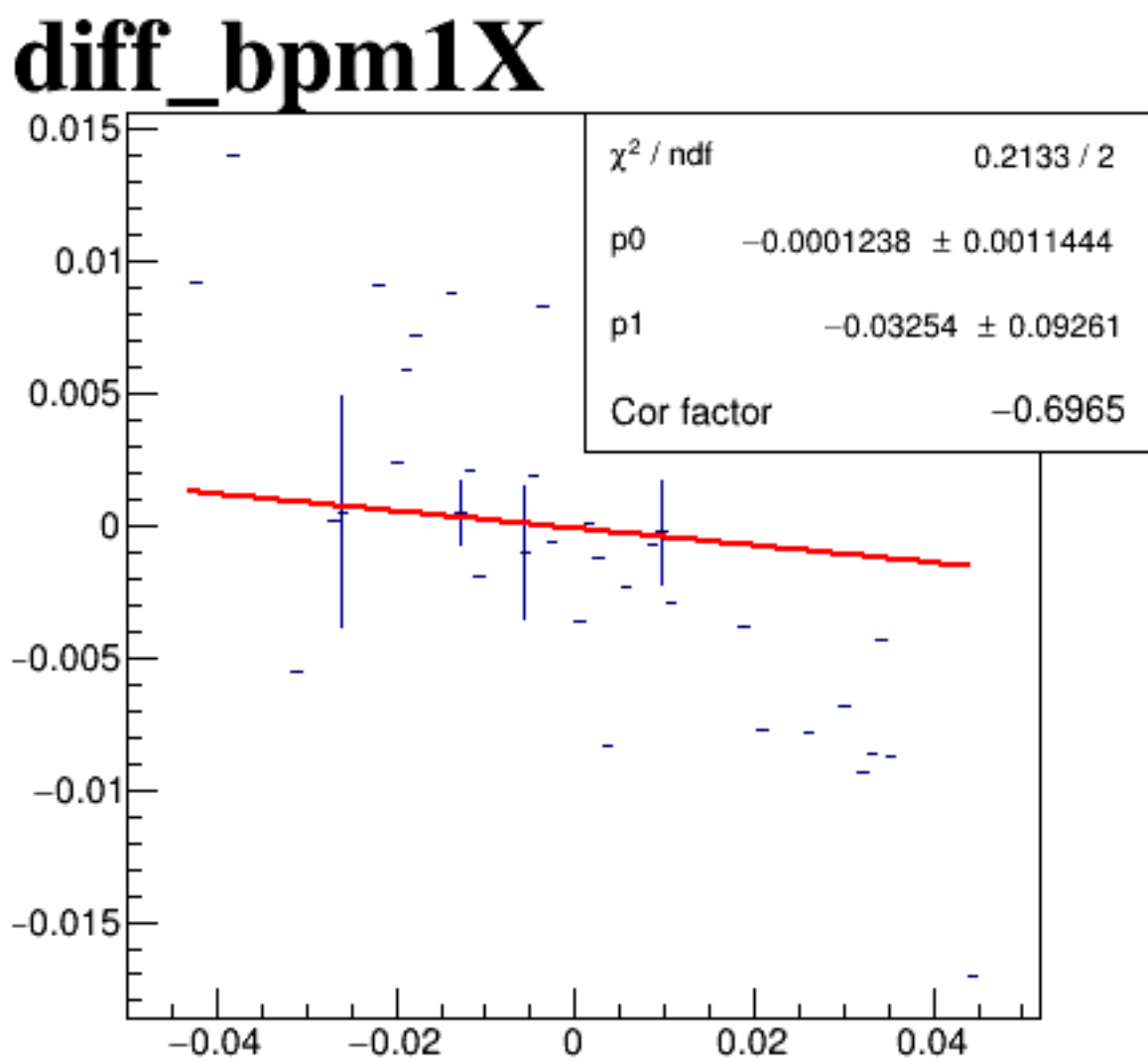
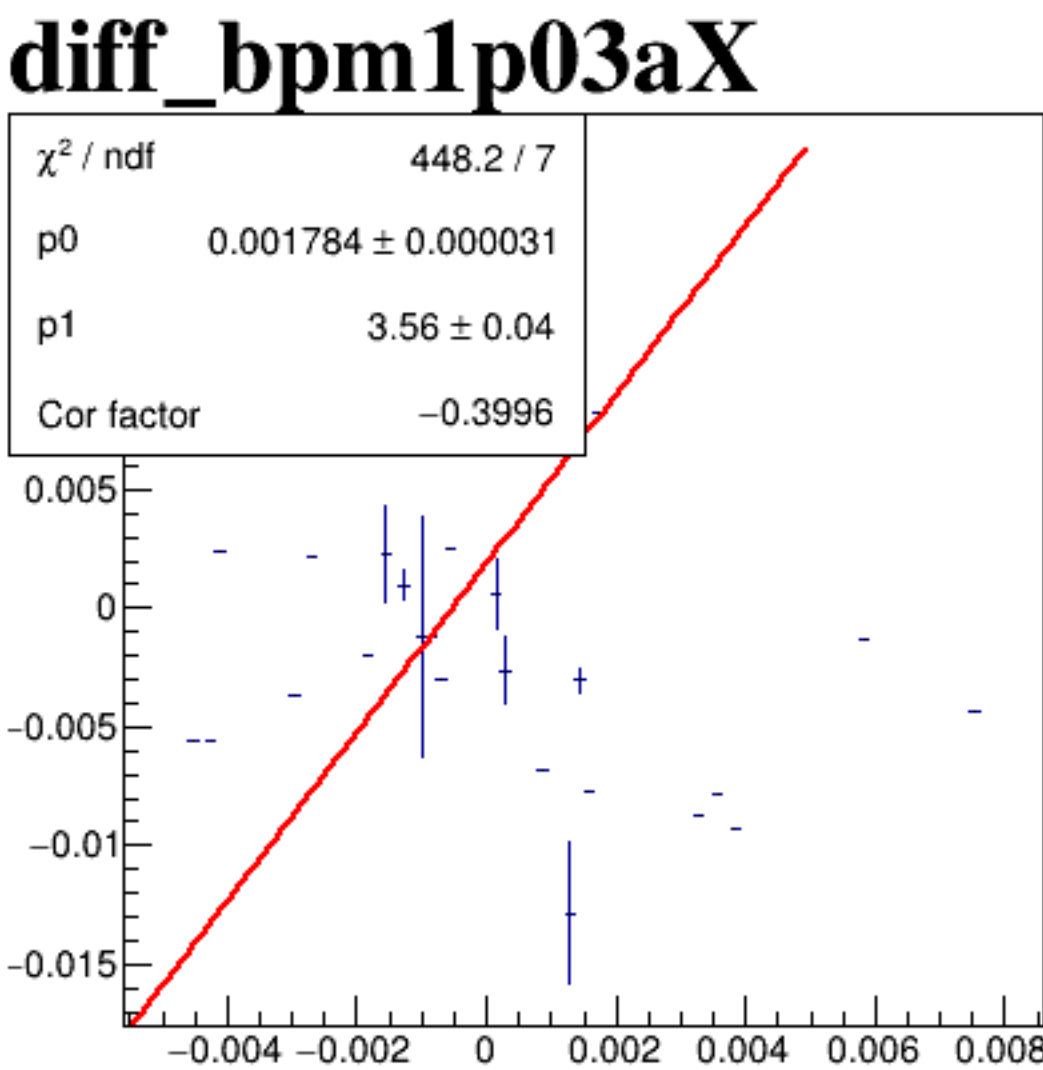
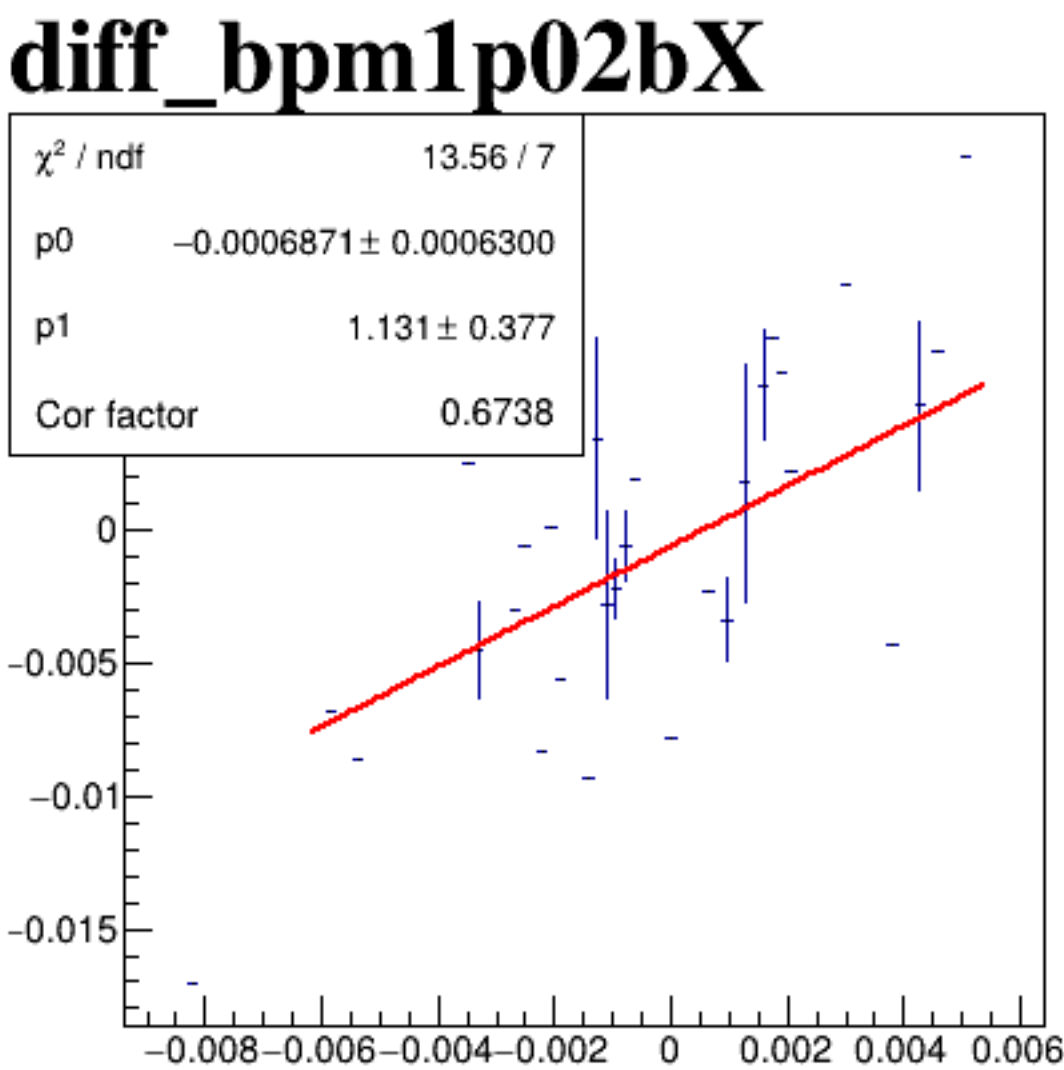
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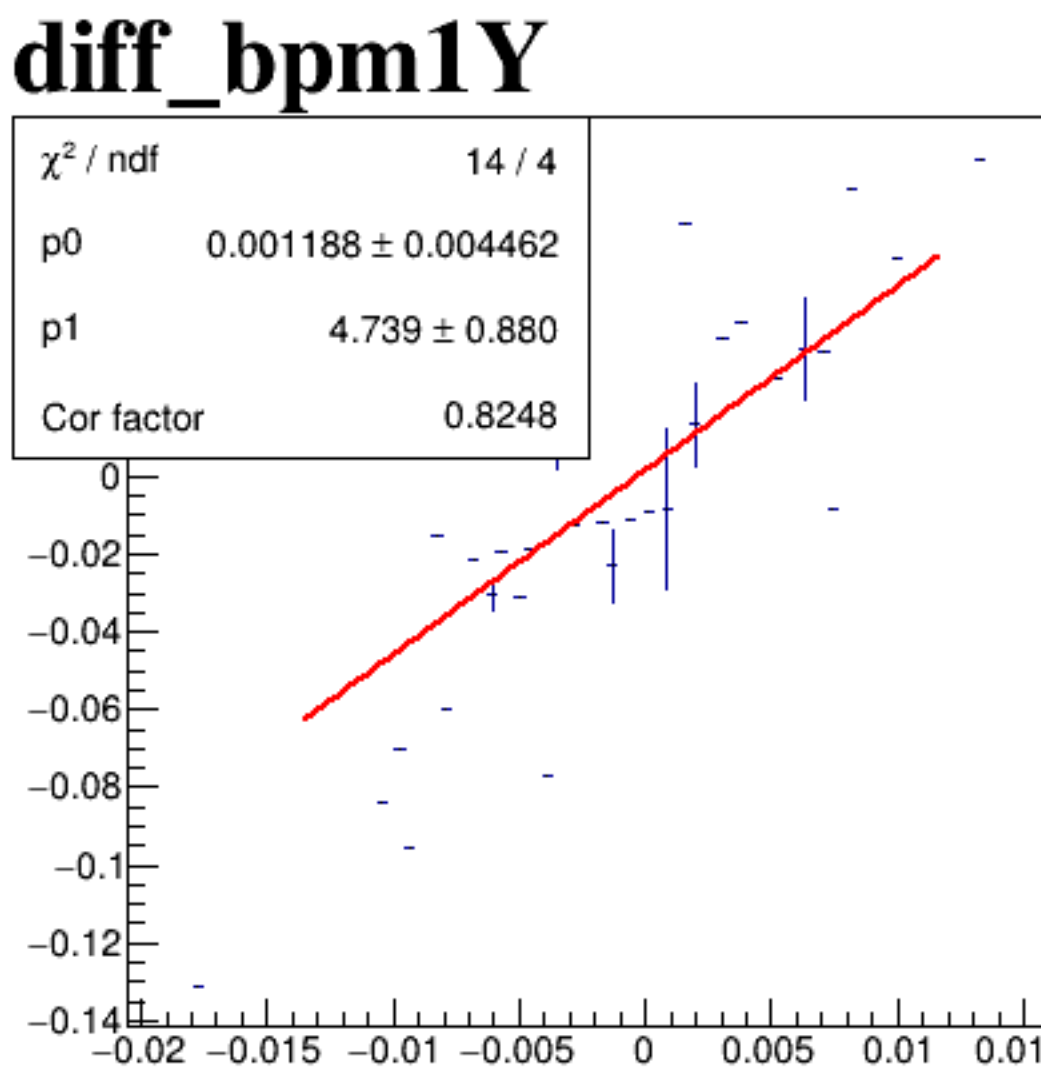
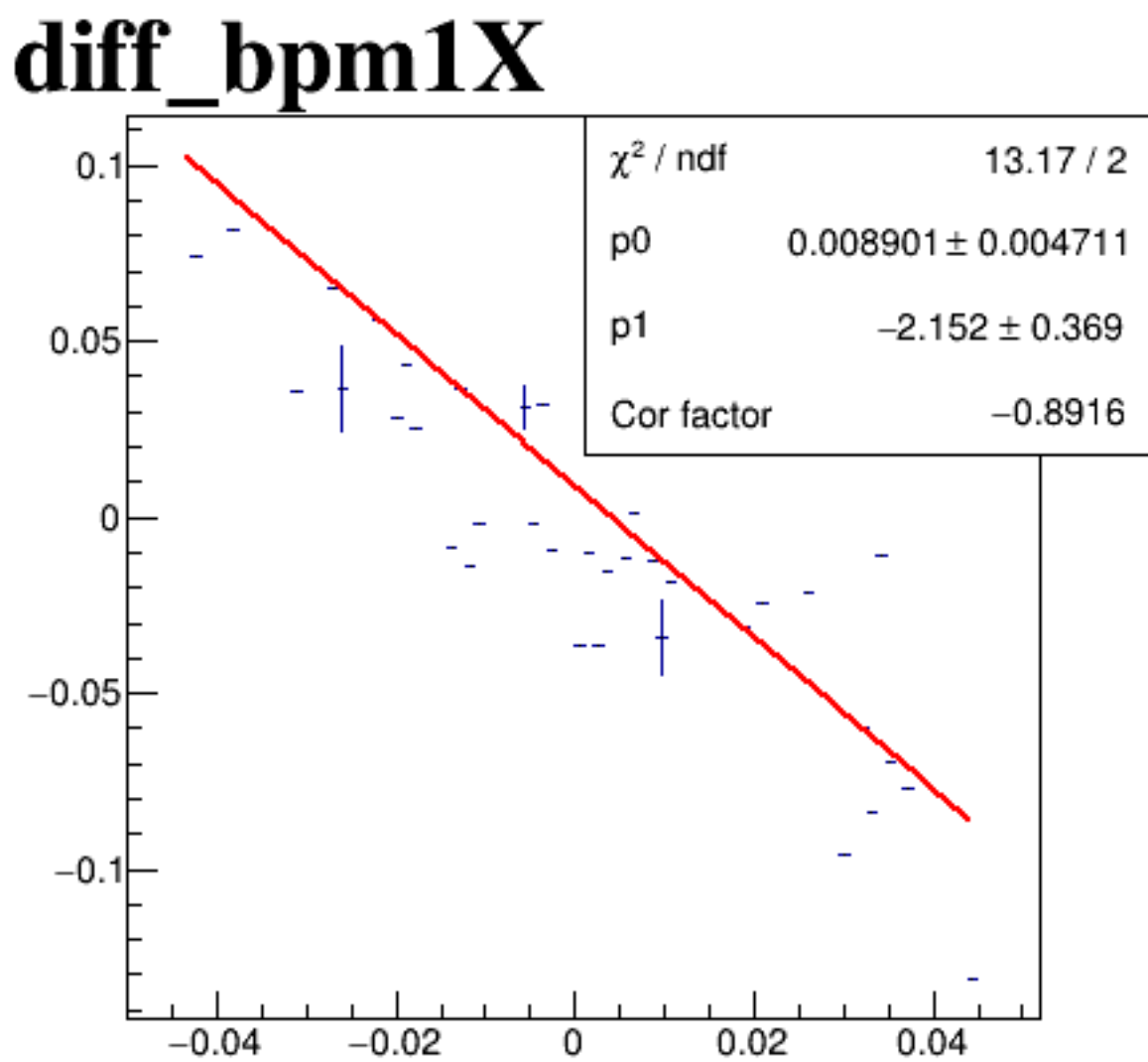
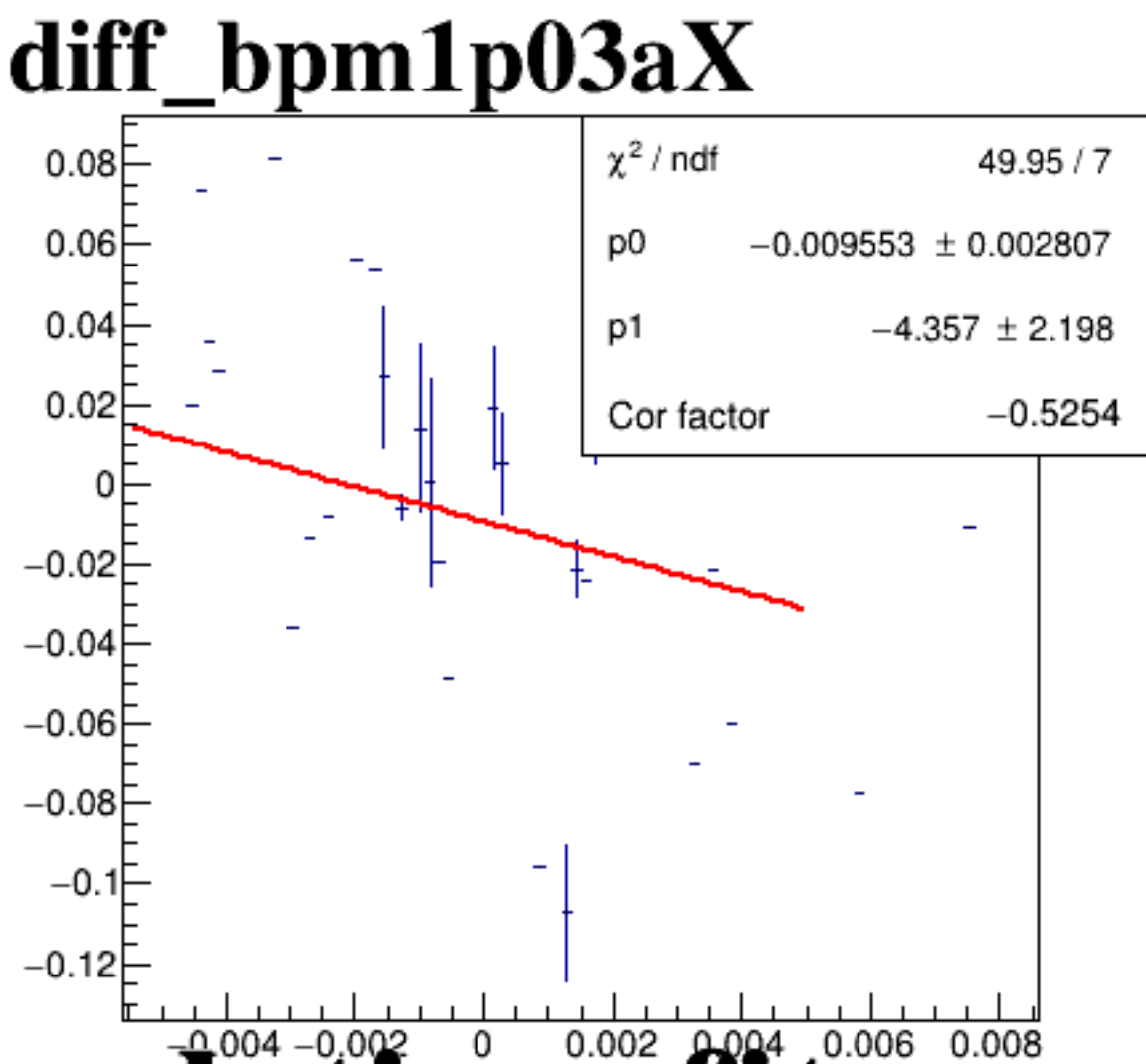
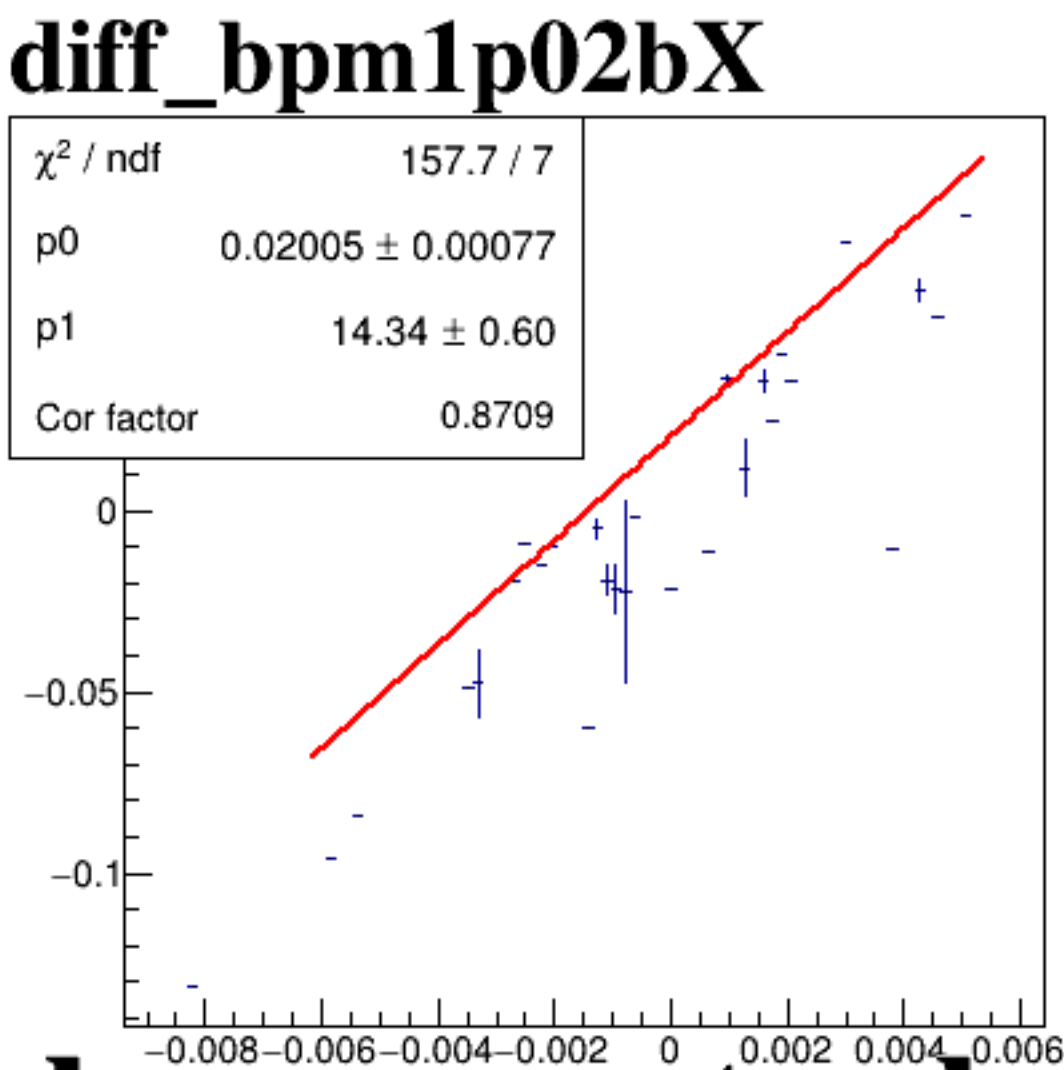
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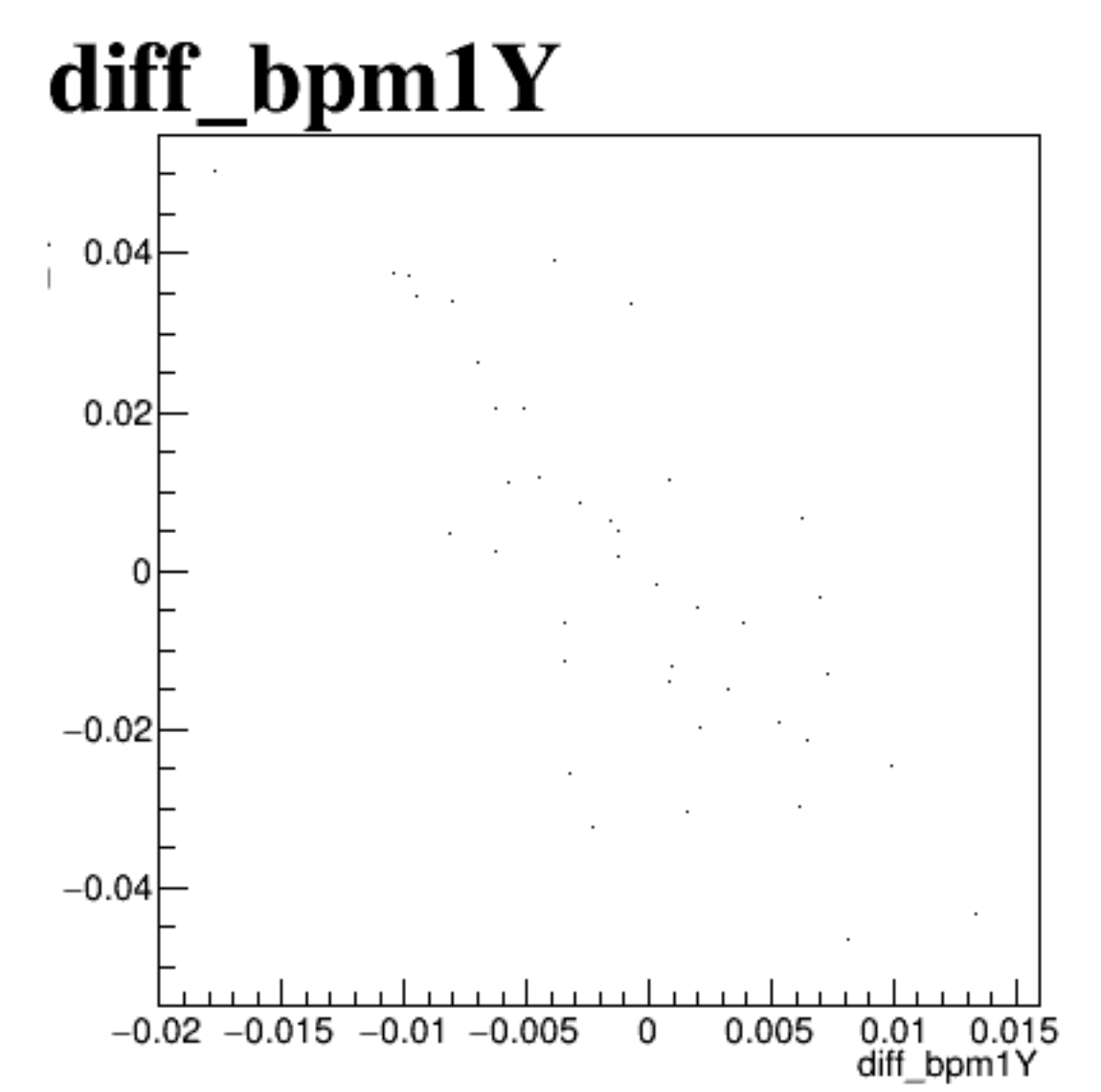
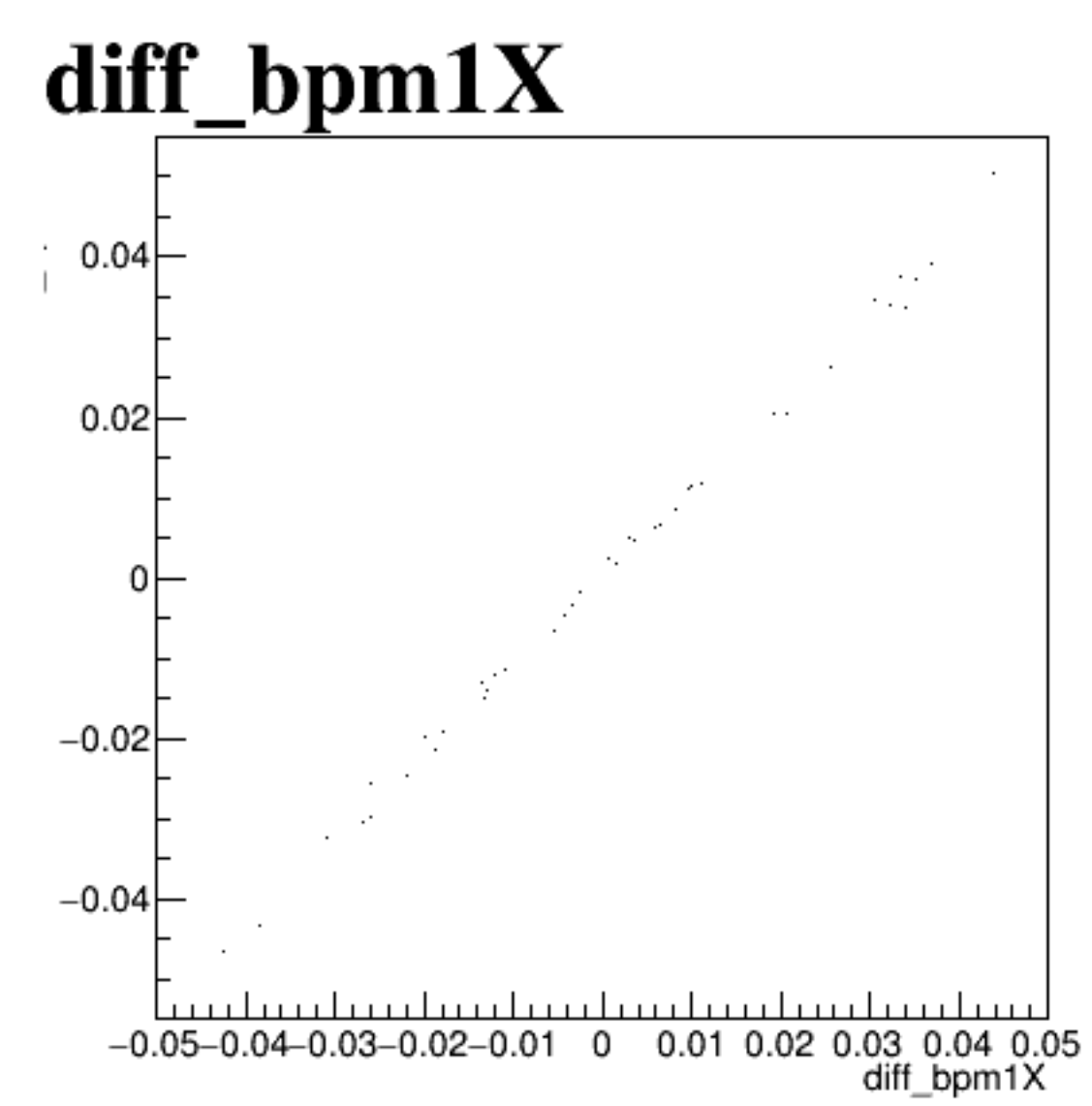
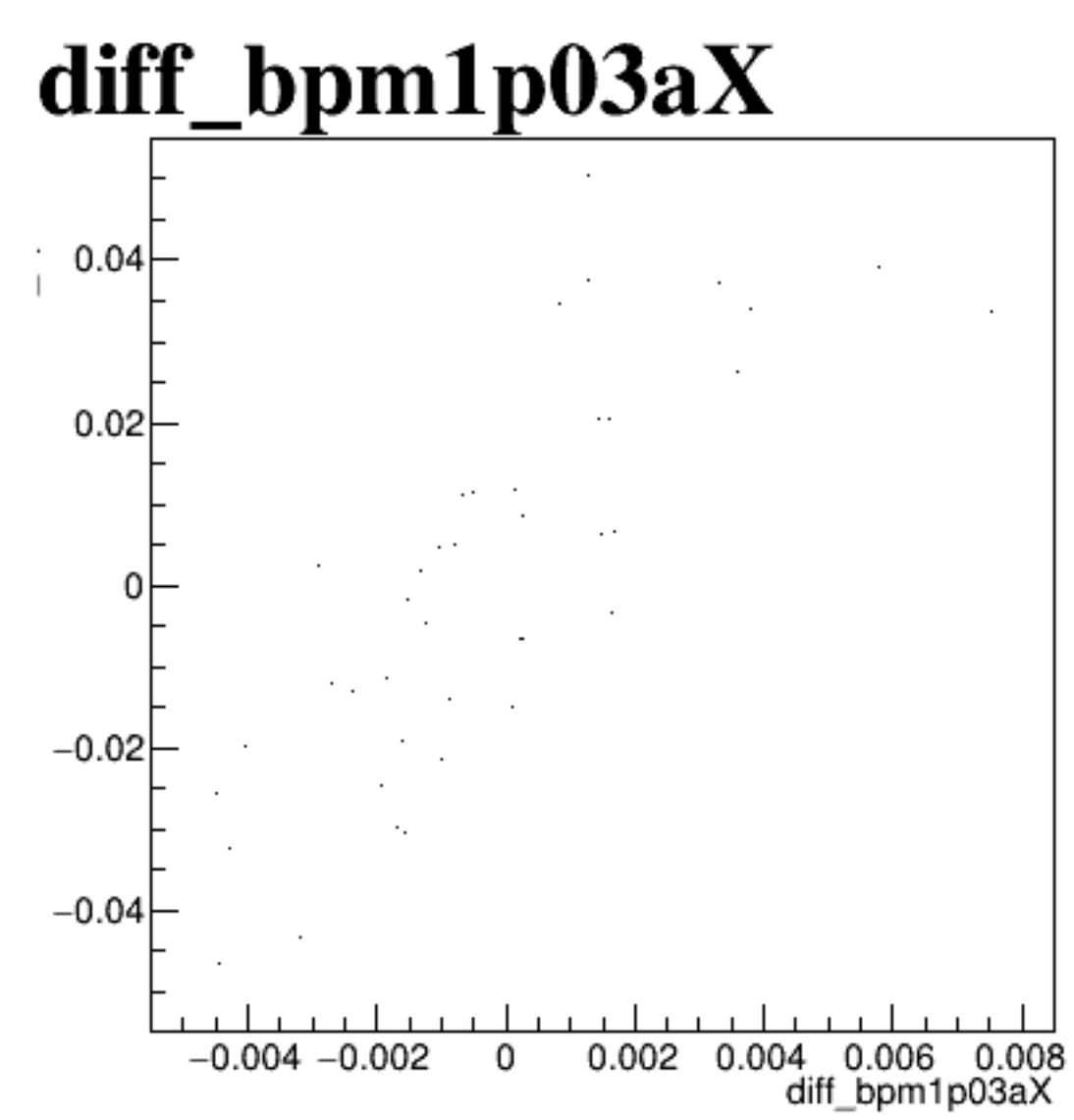
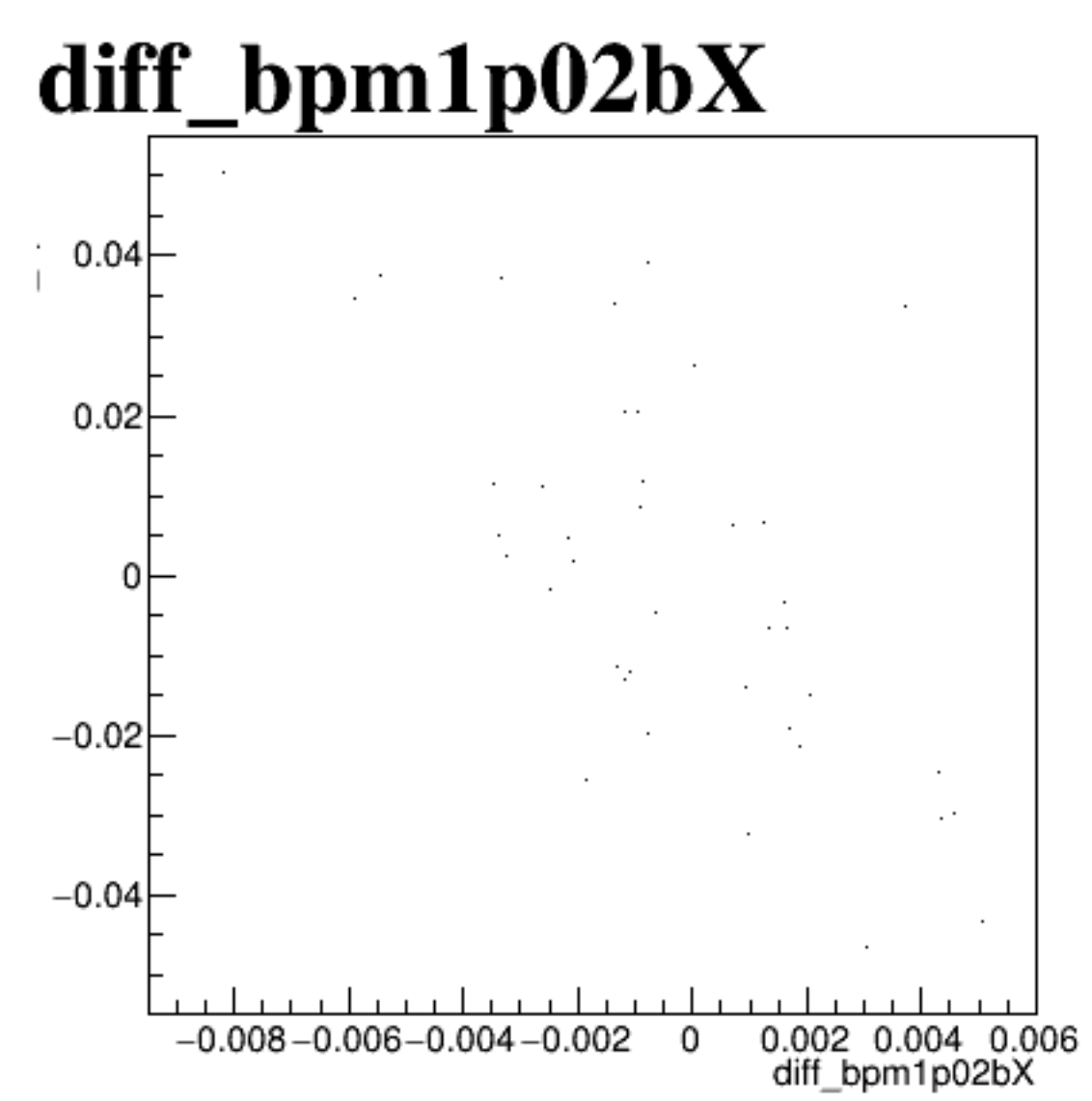
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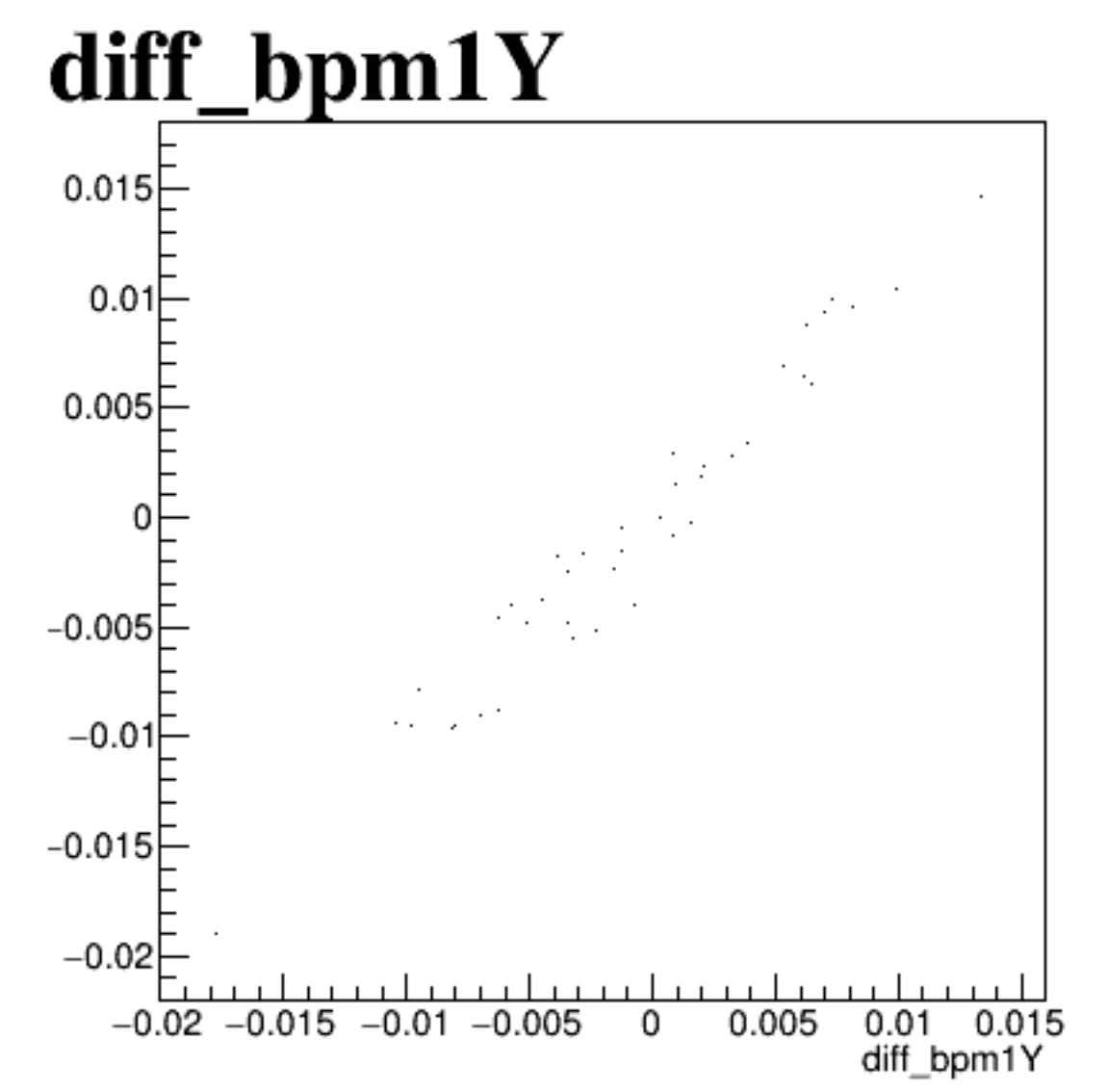
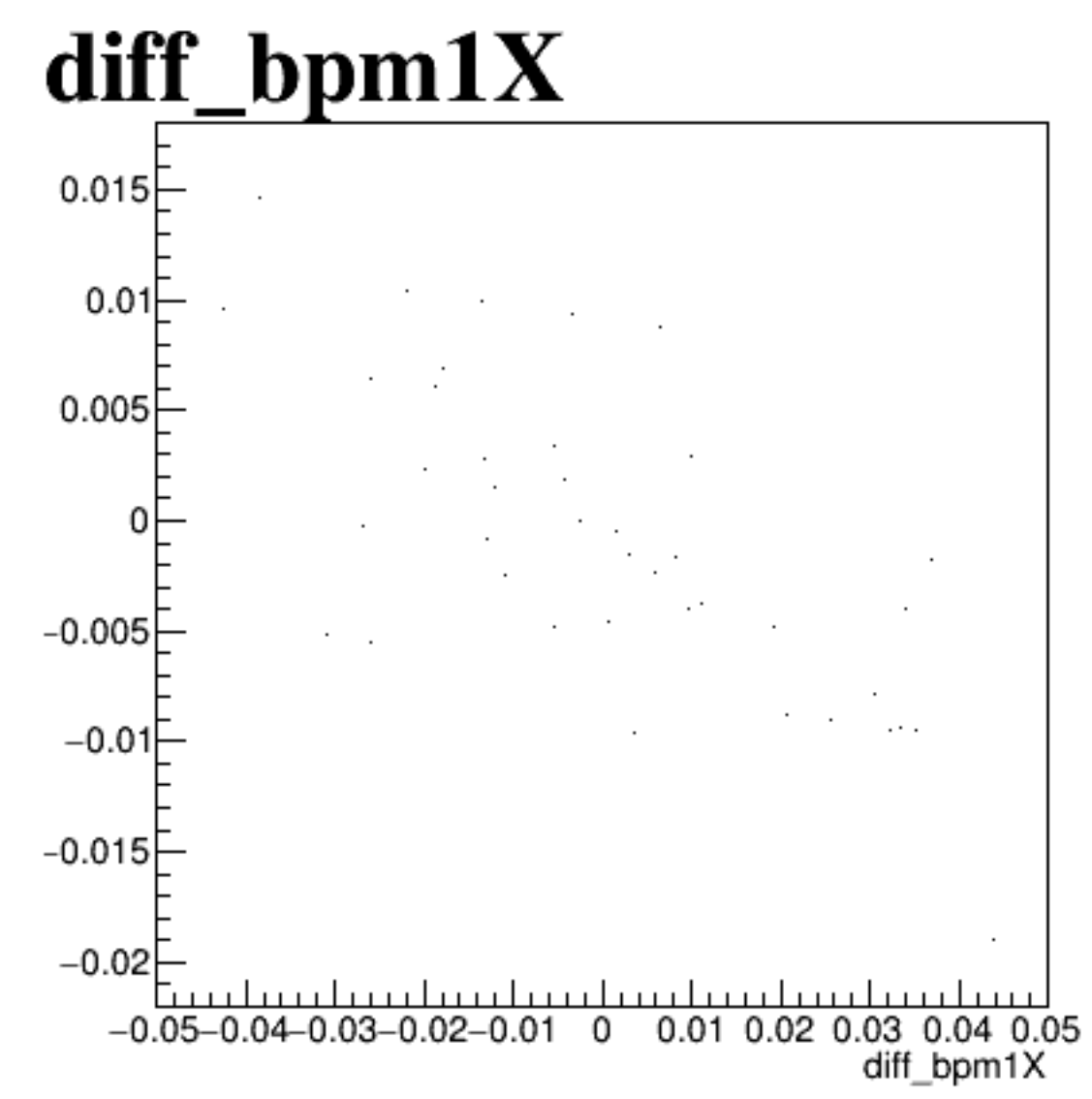
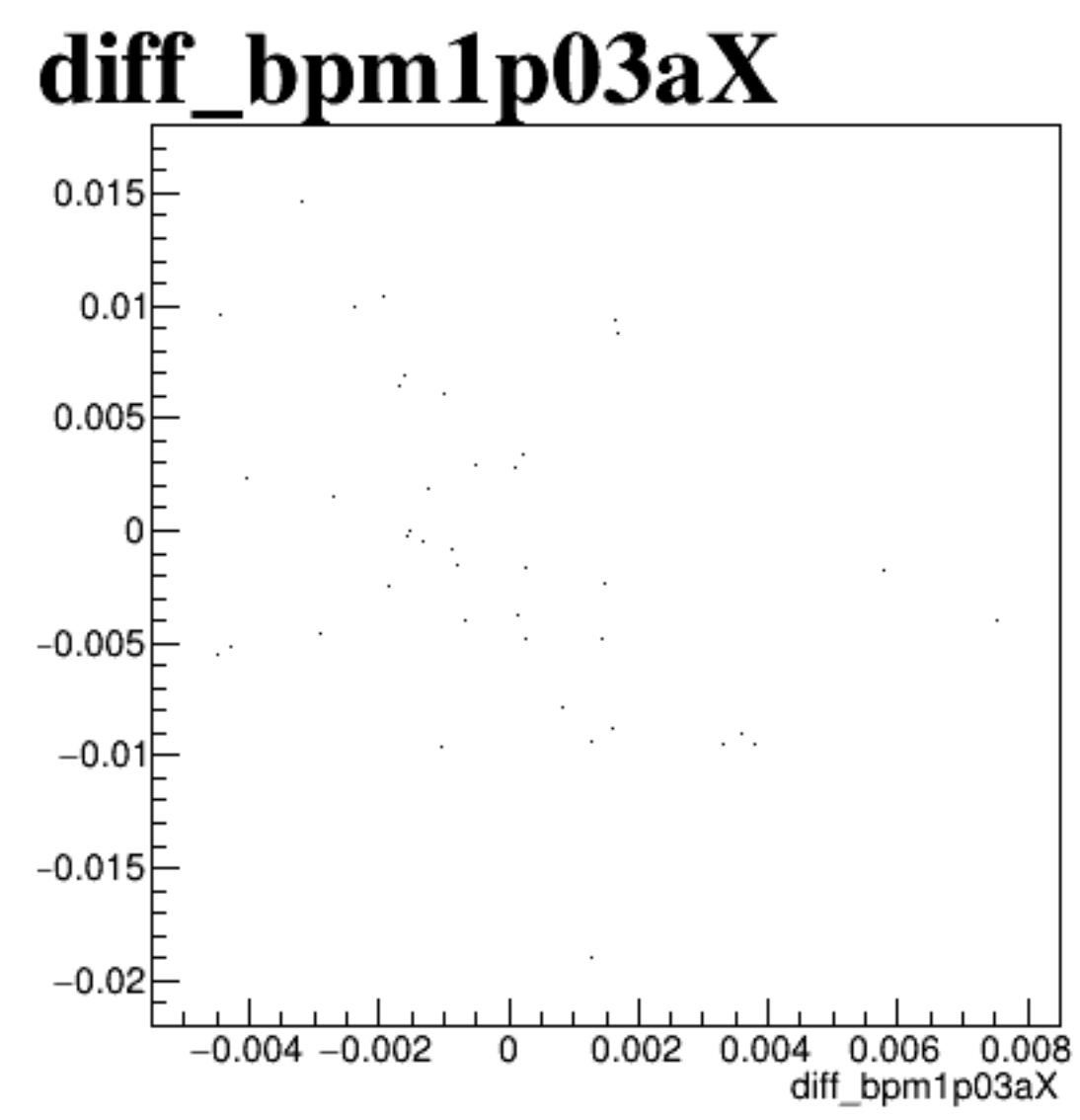
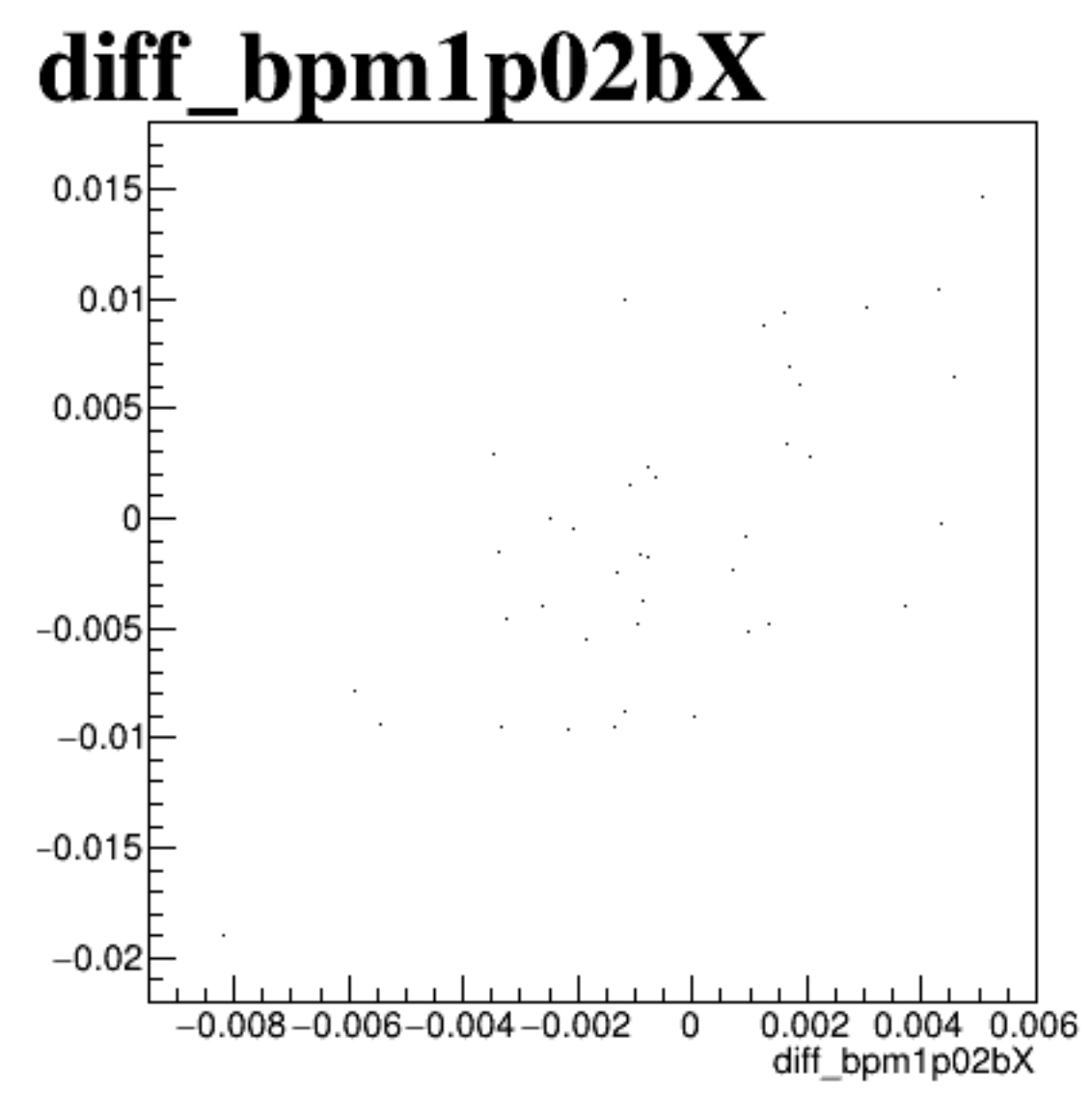
diff_bpm12X



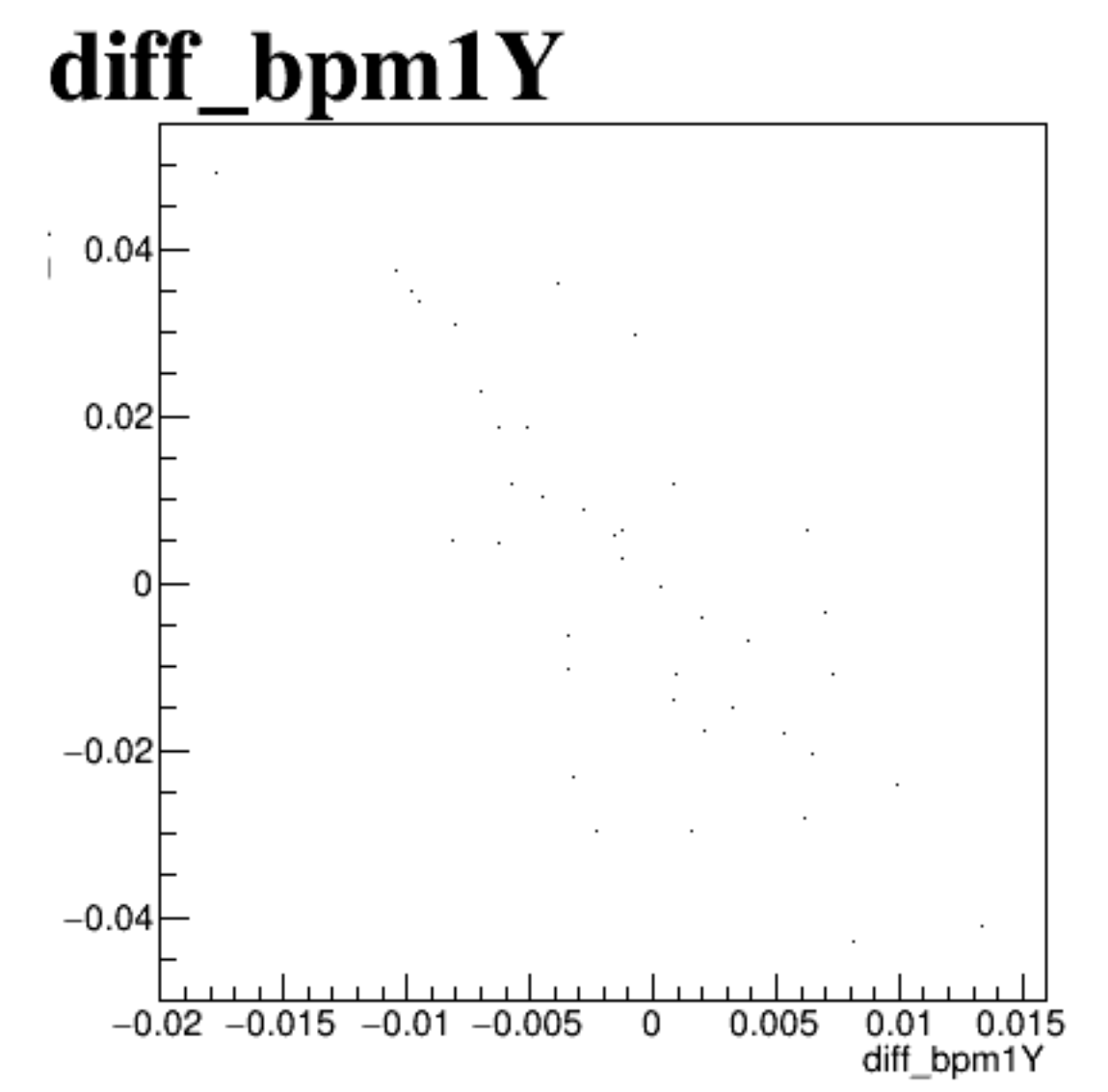
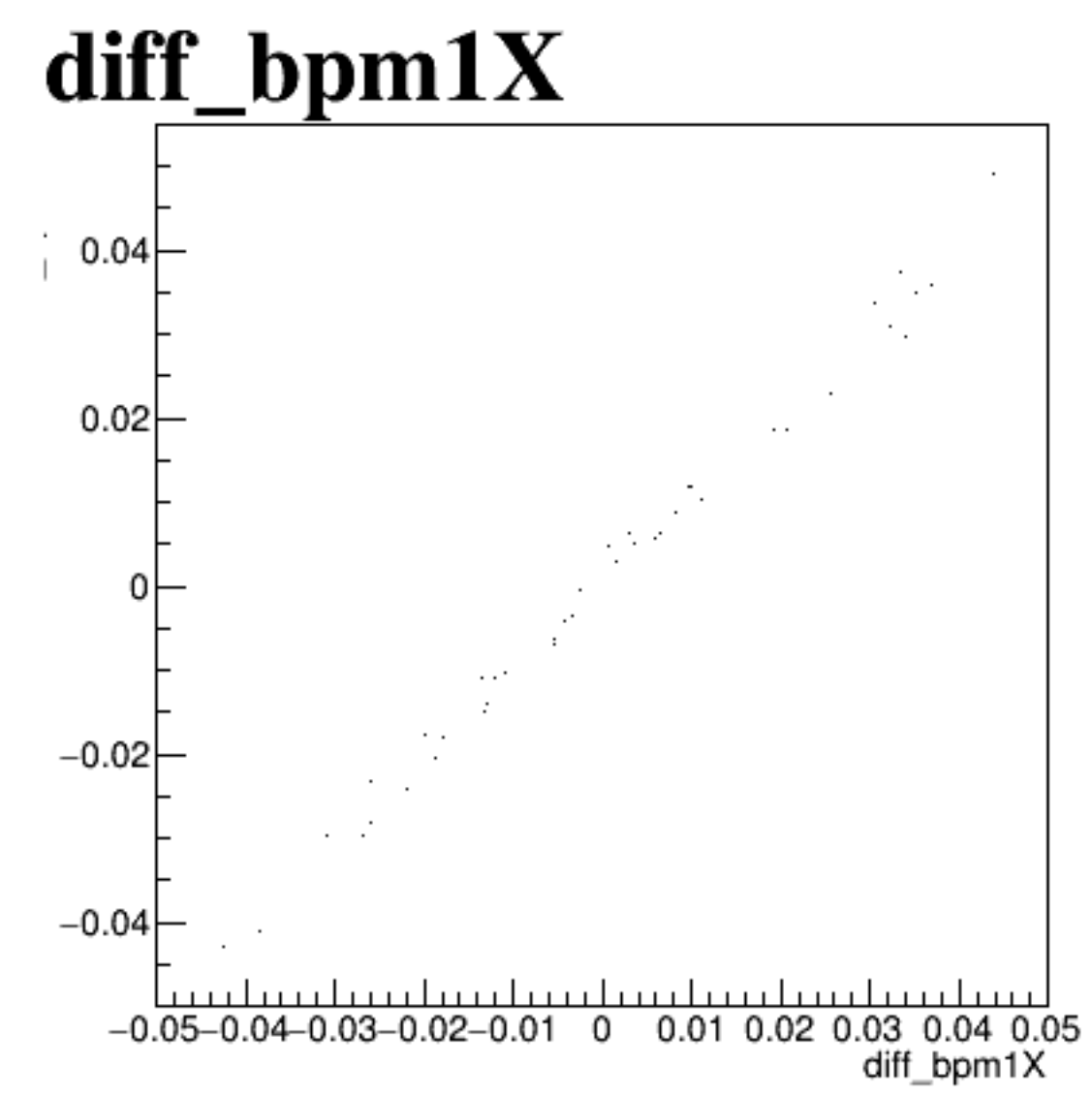
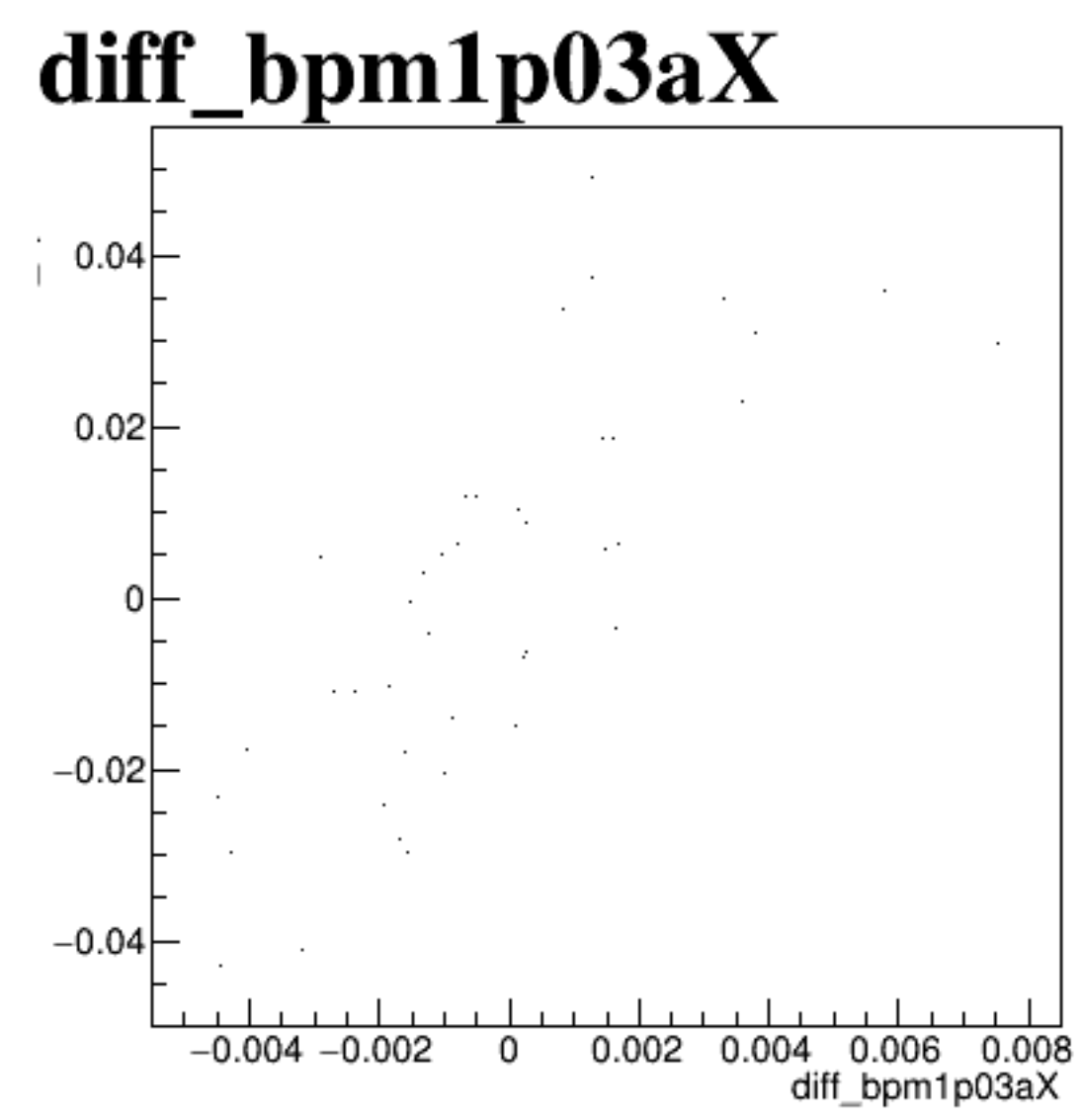
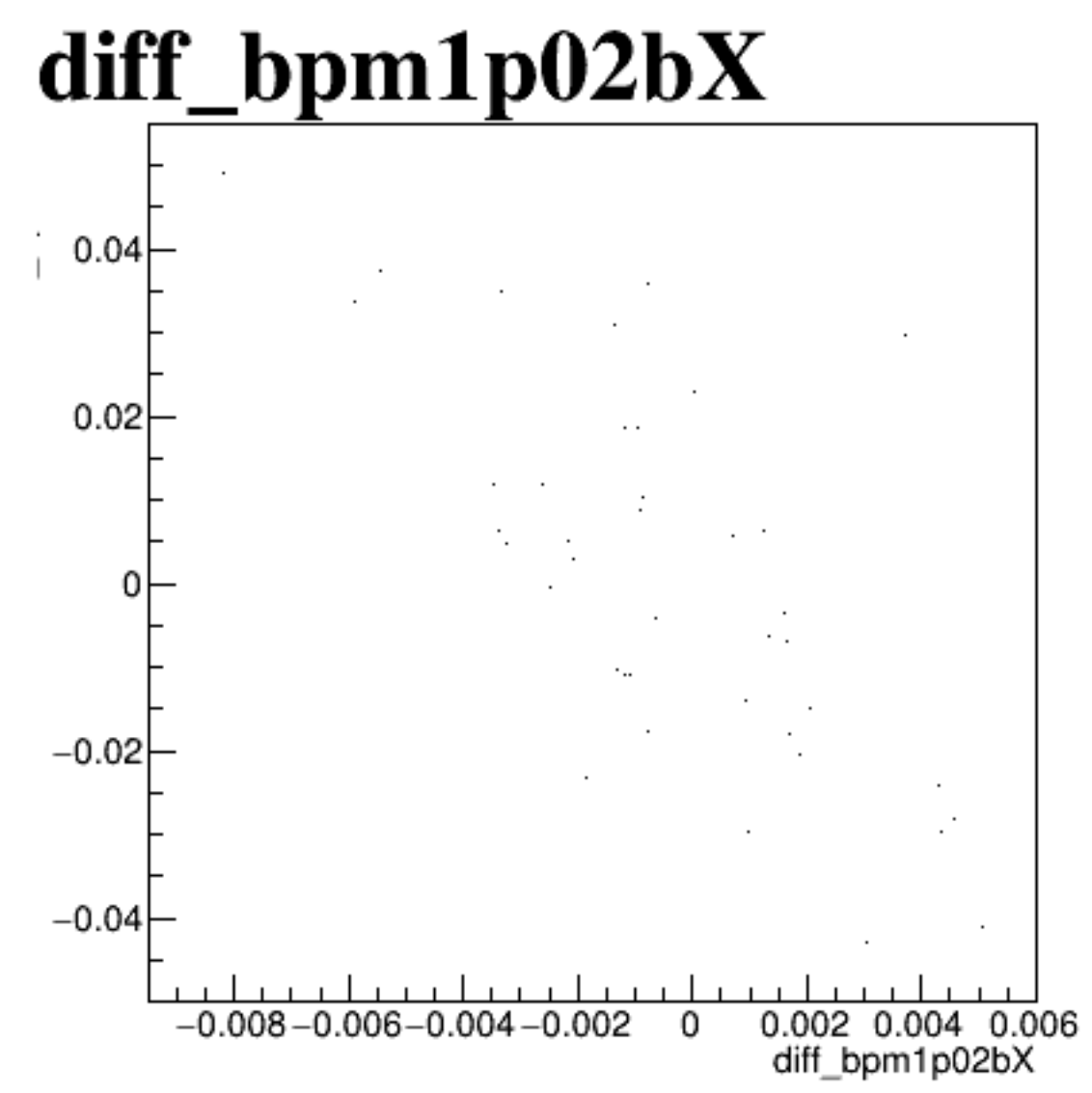
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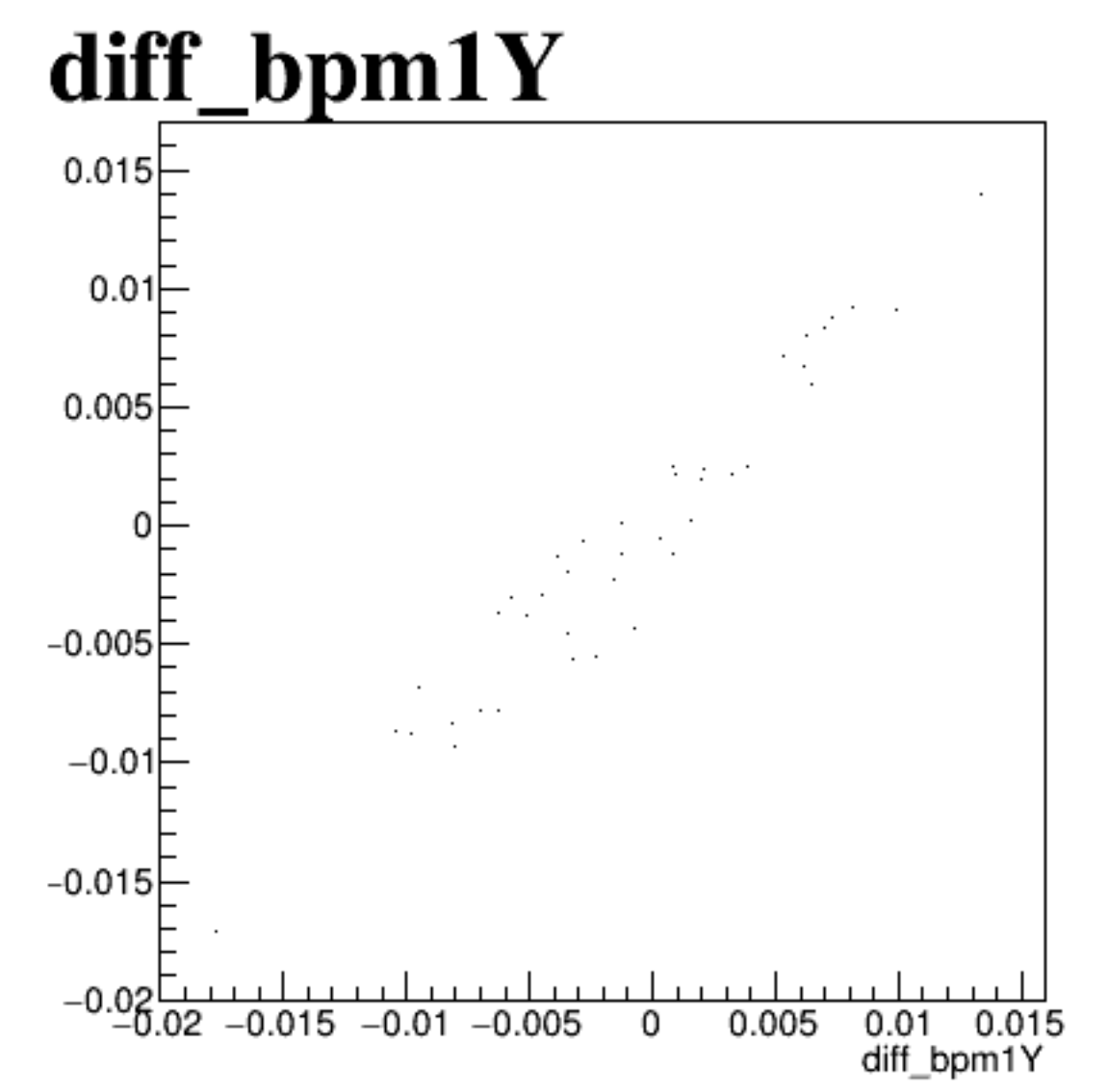
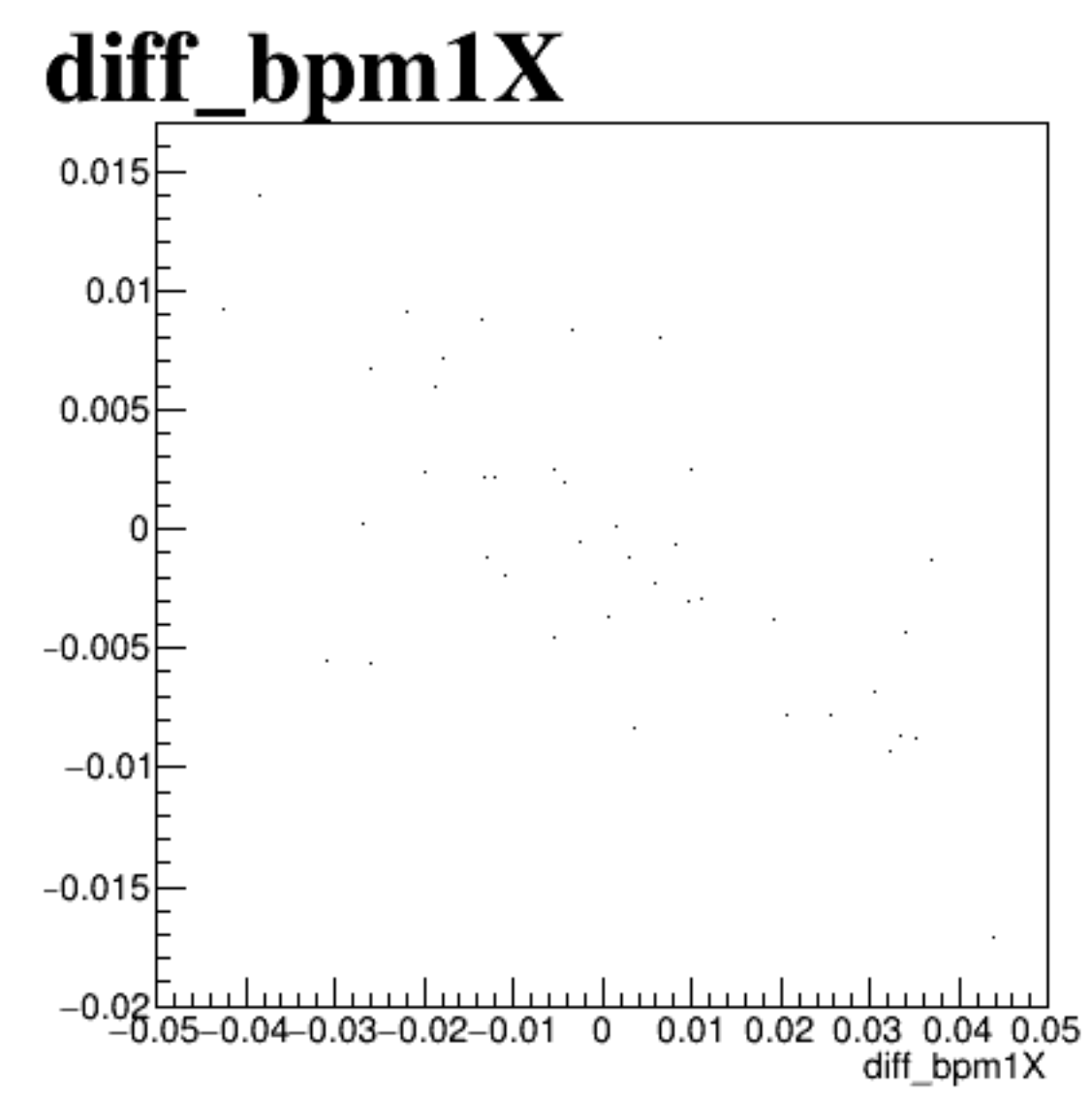
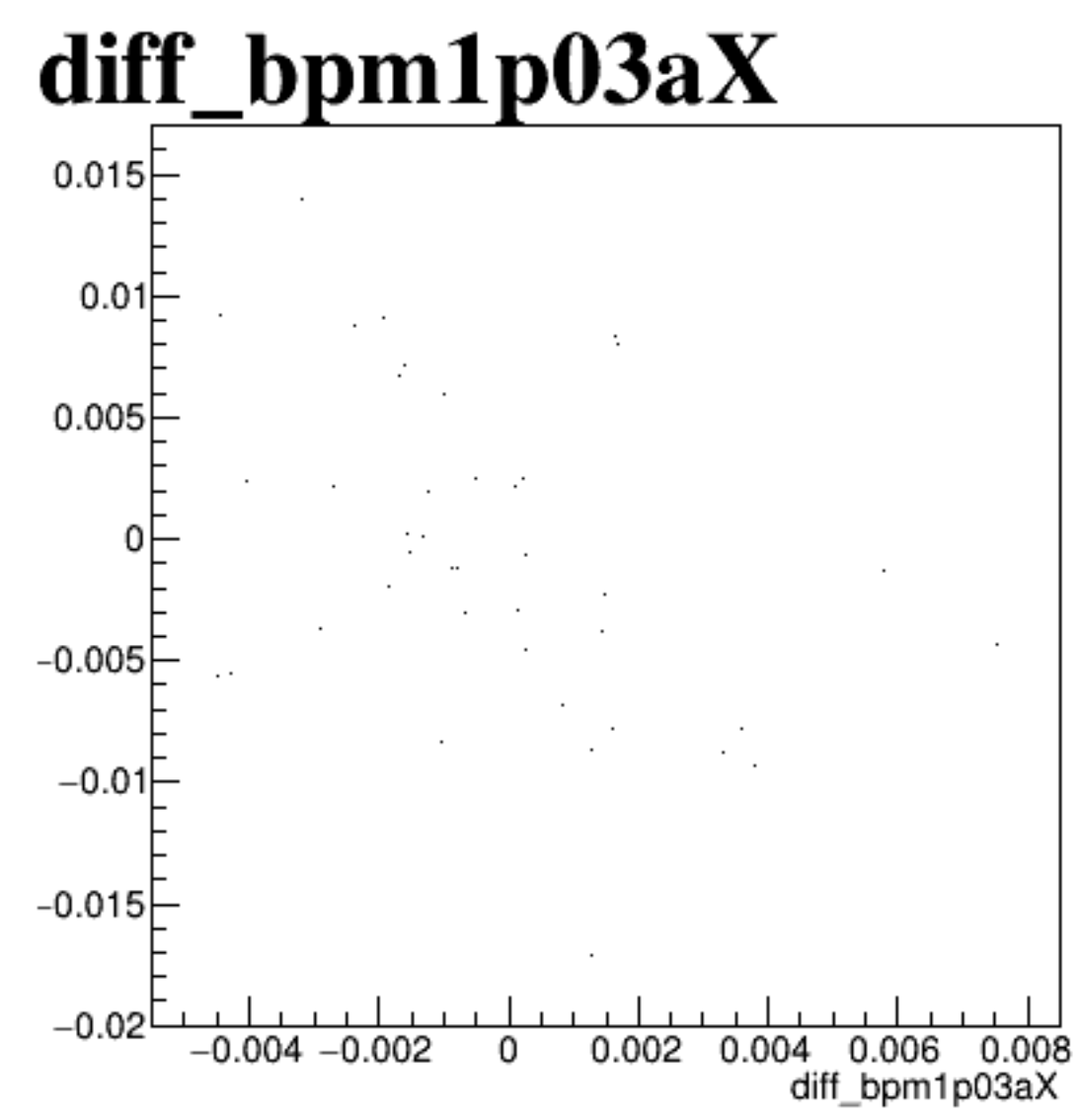
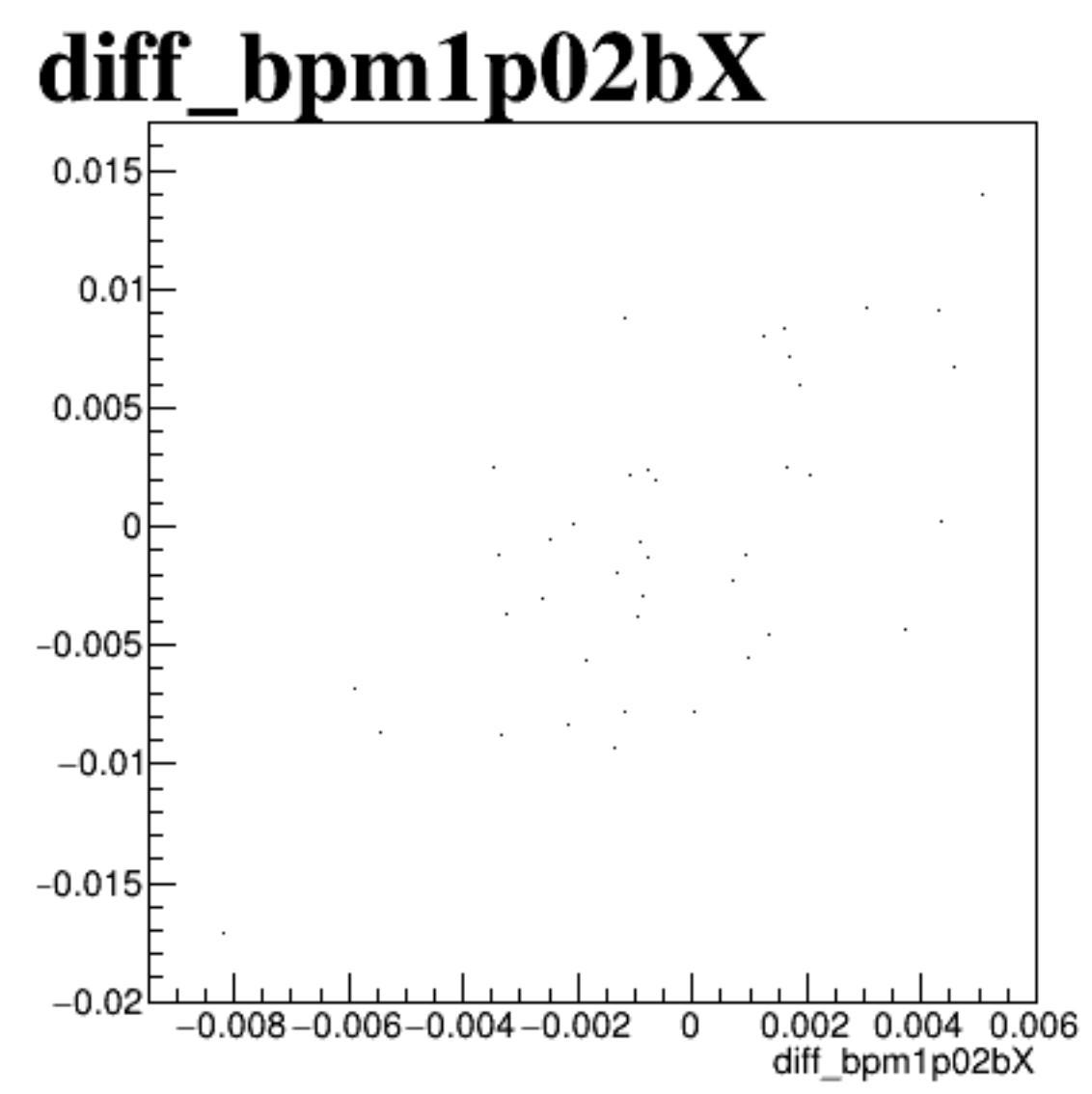
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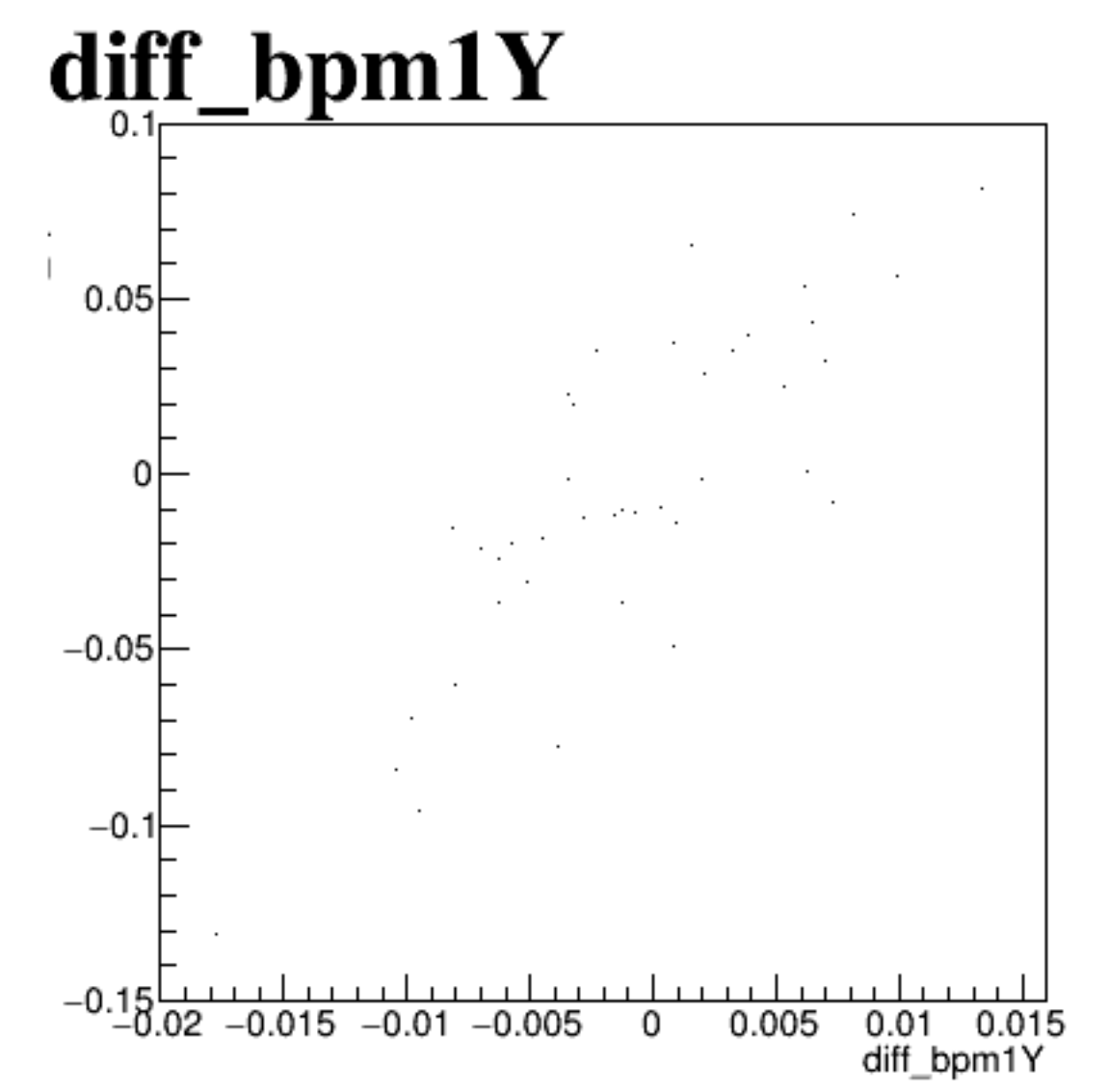
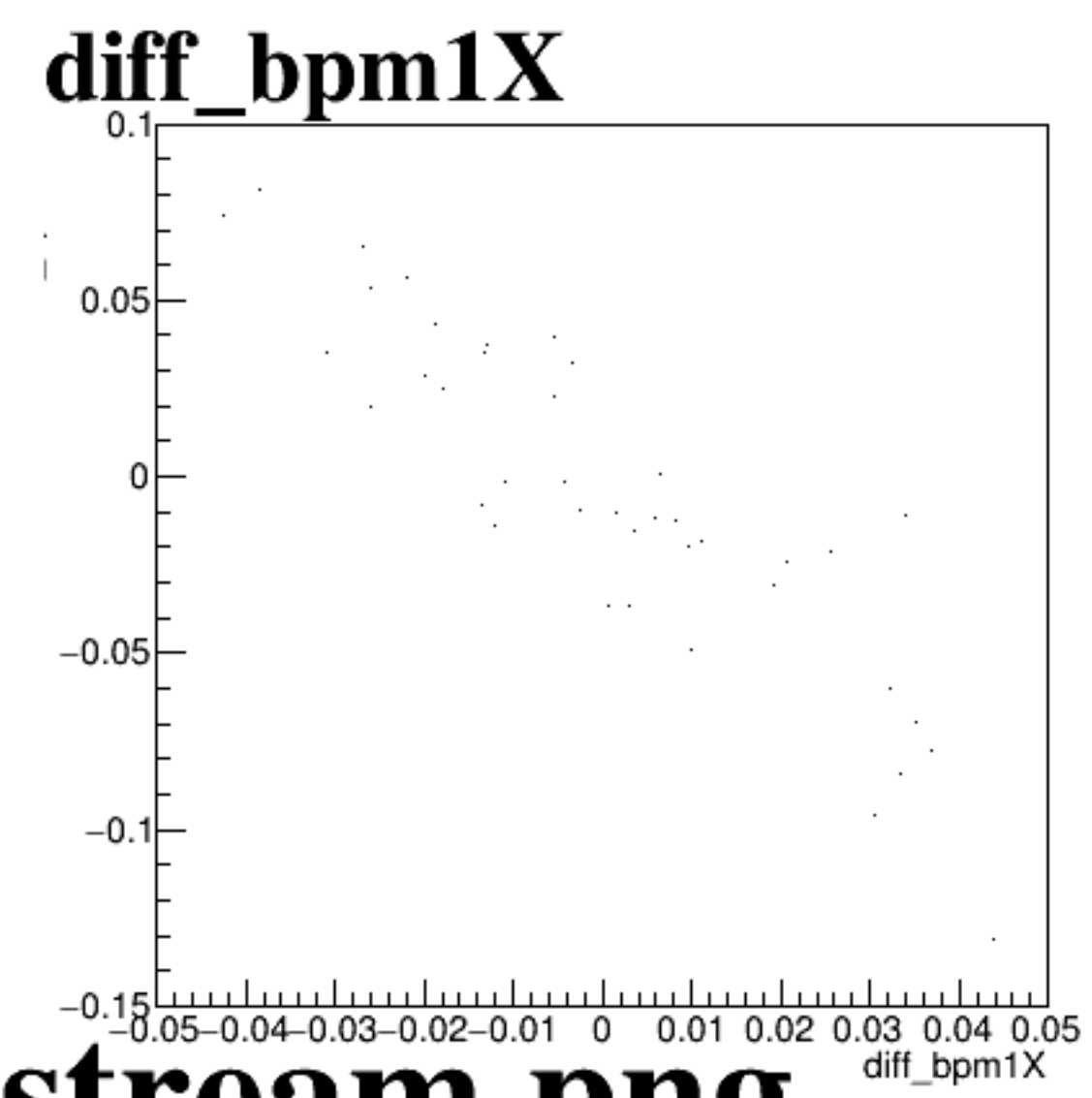
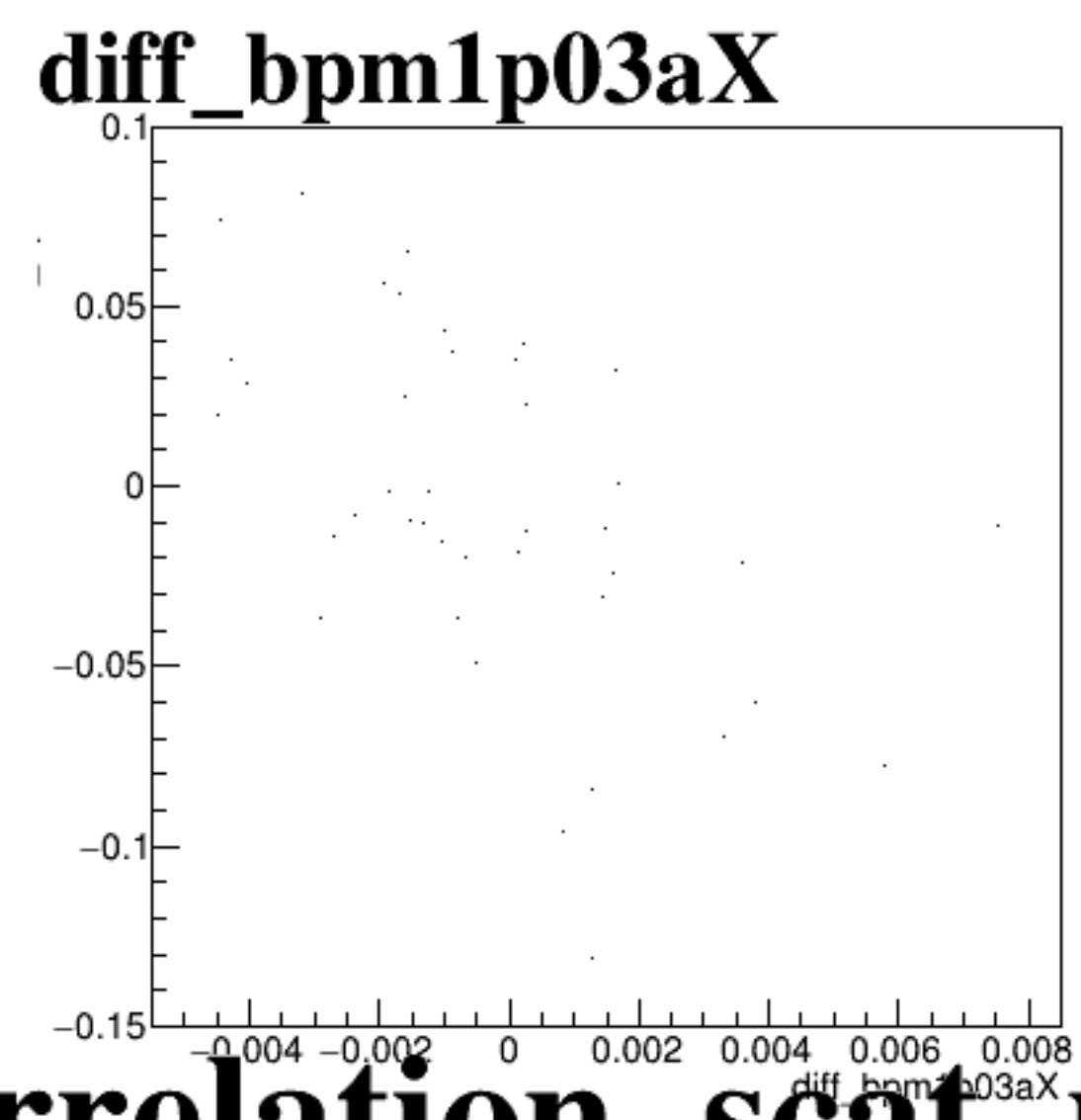
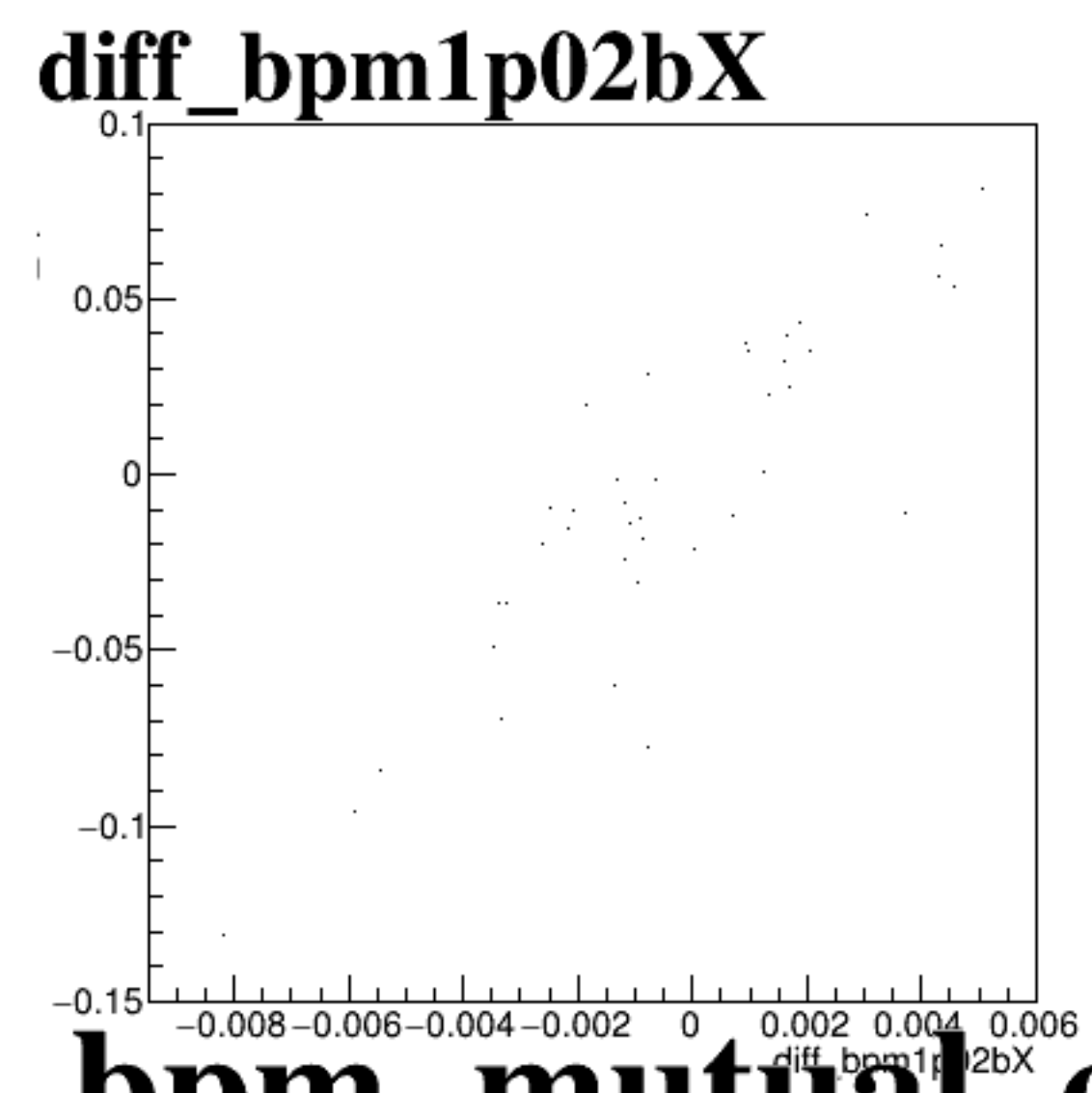
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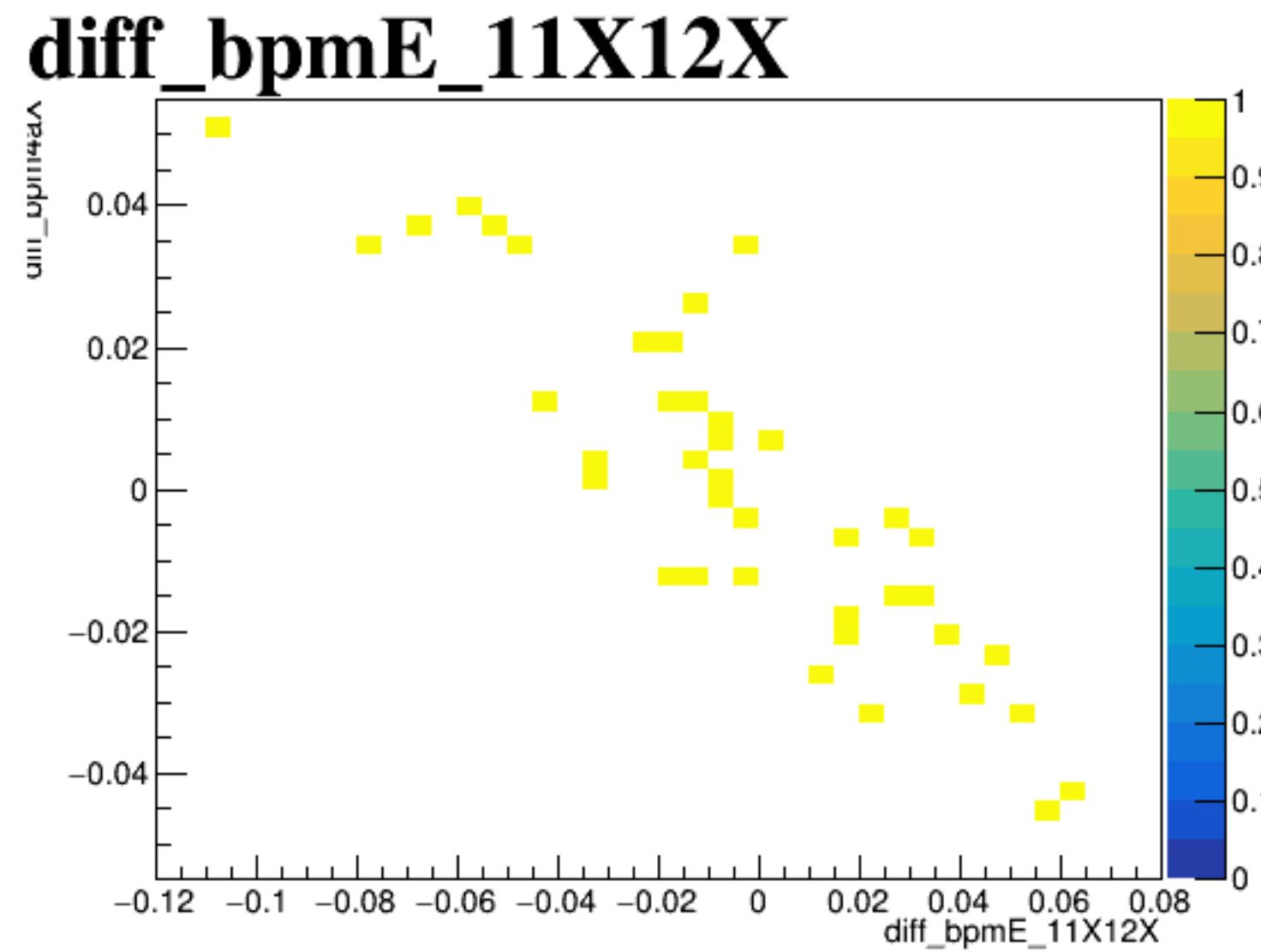
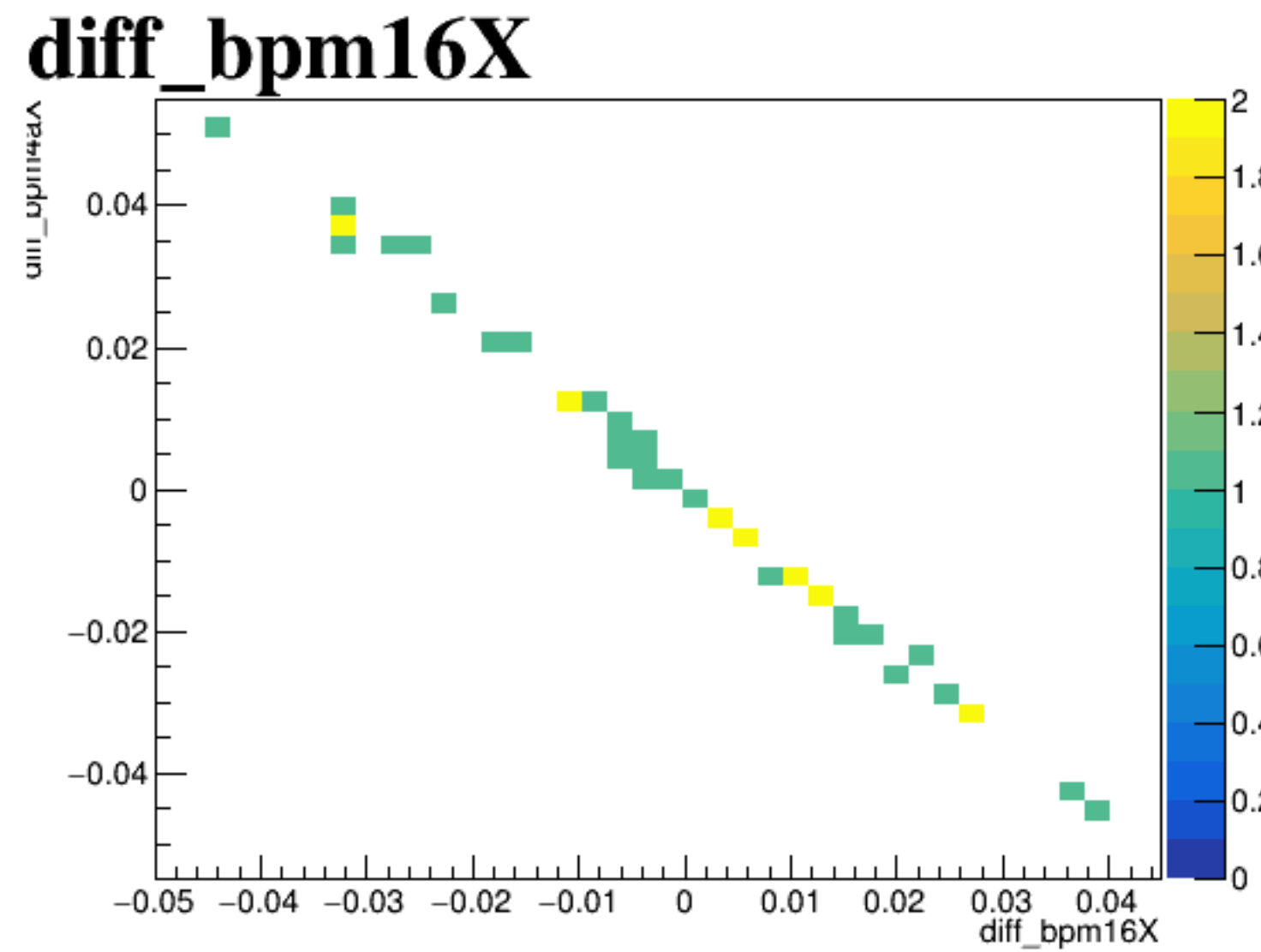
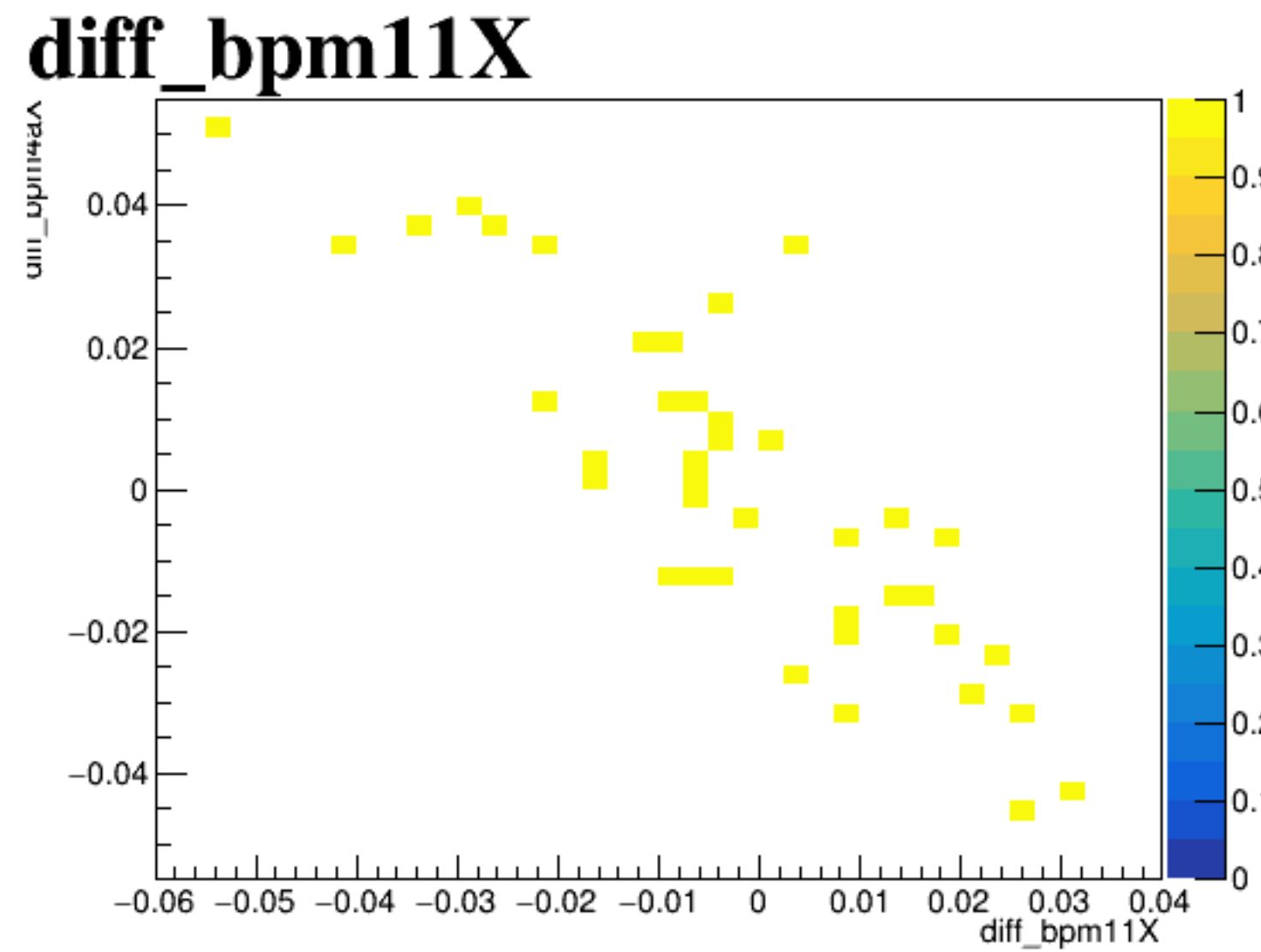
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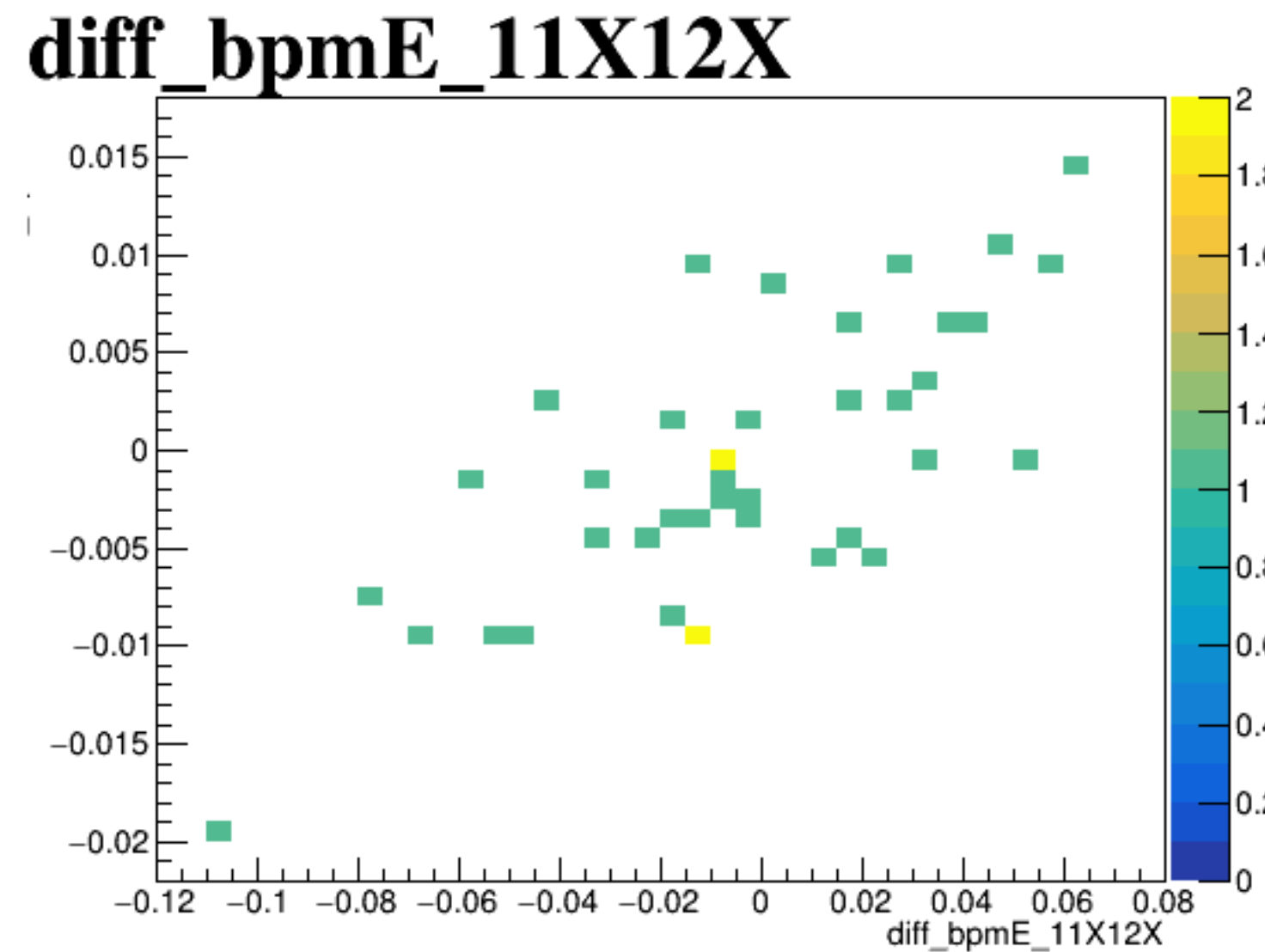
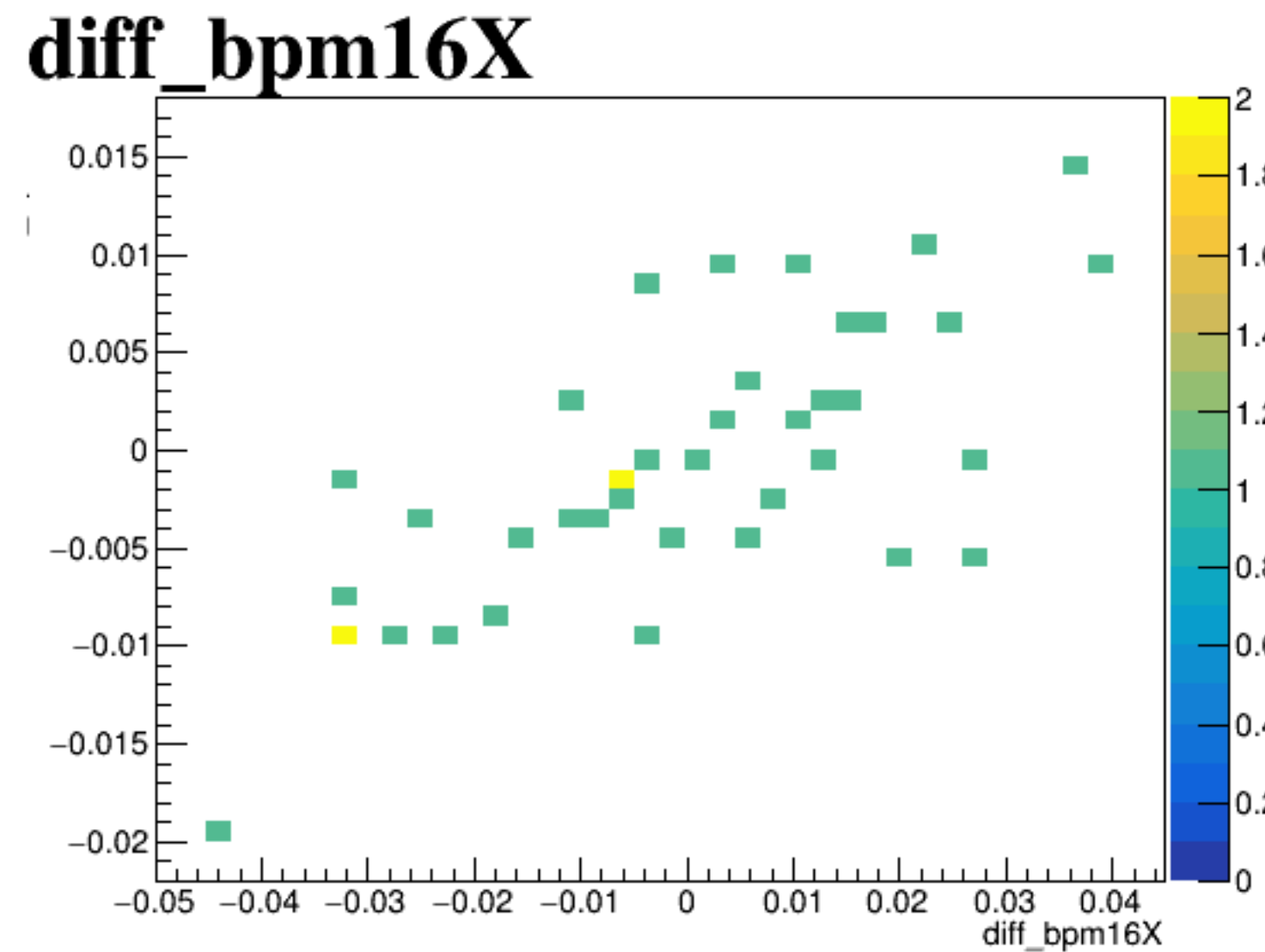
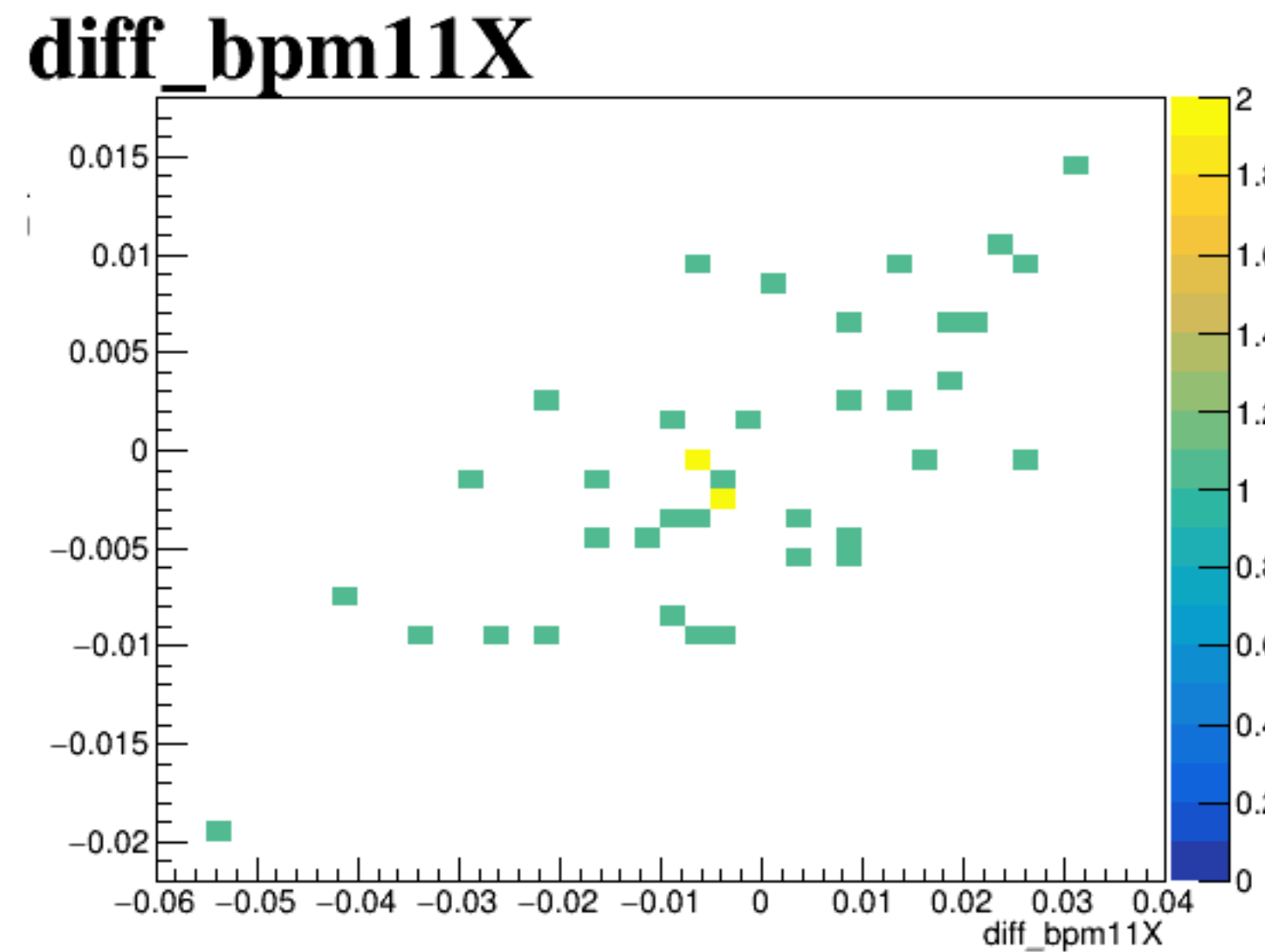
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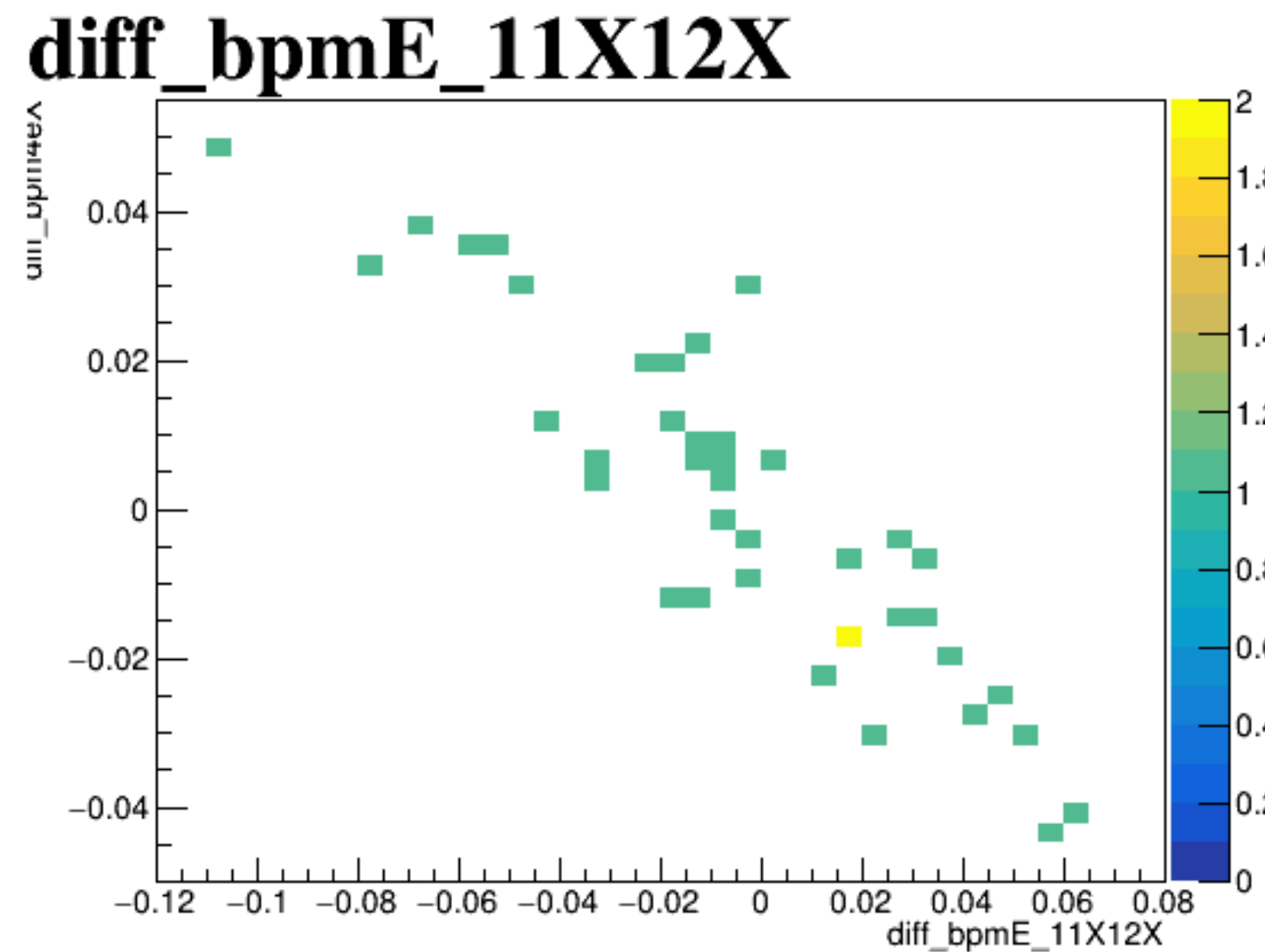
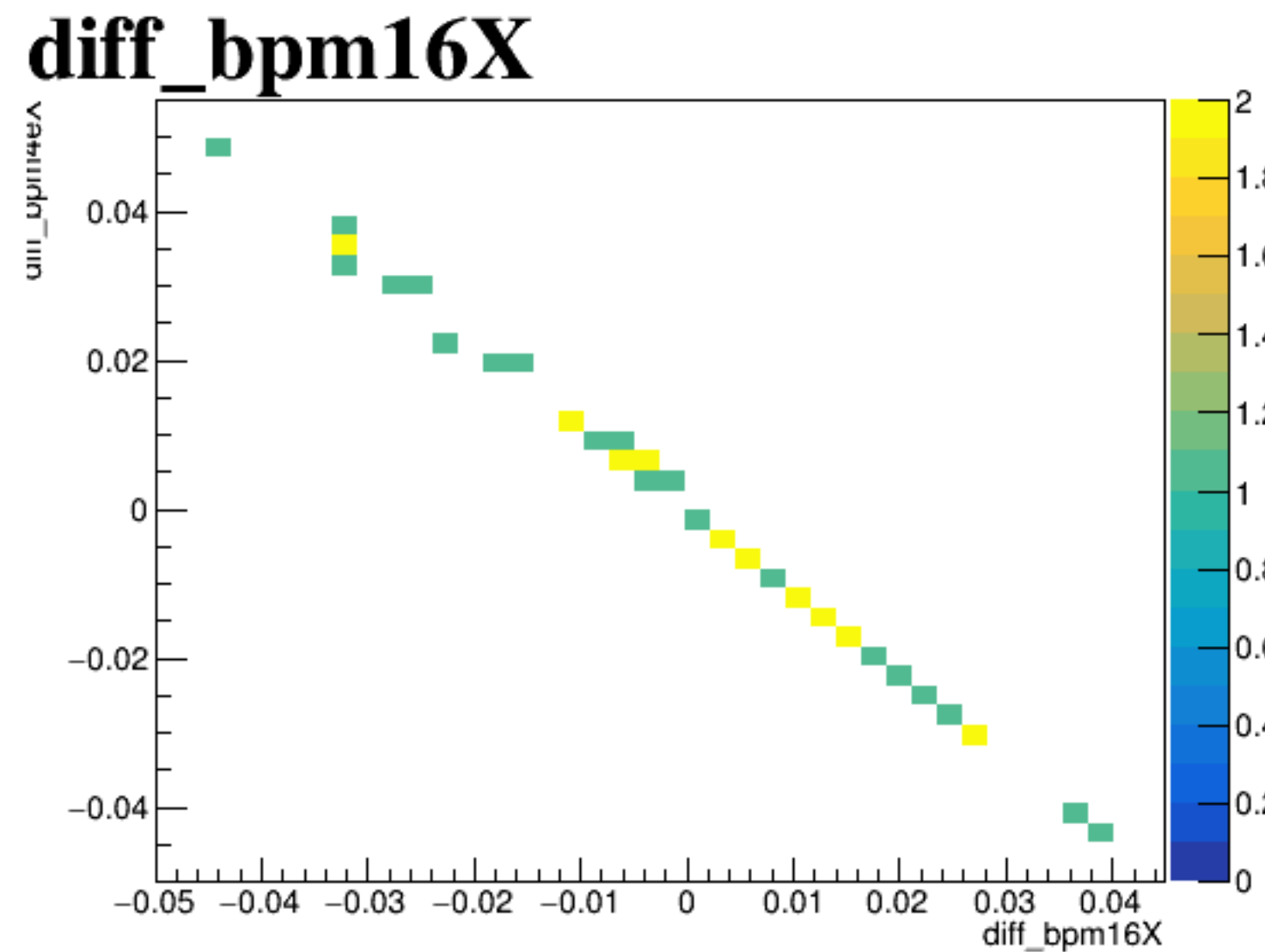
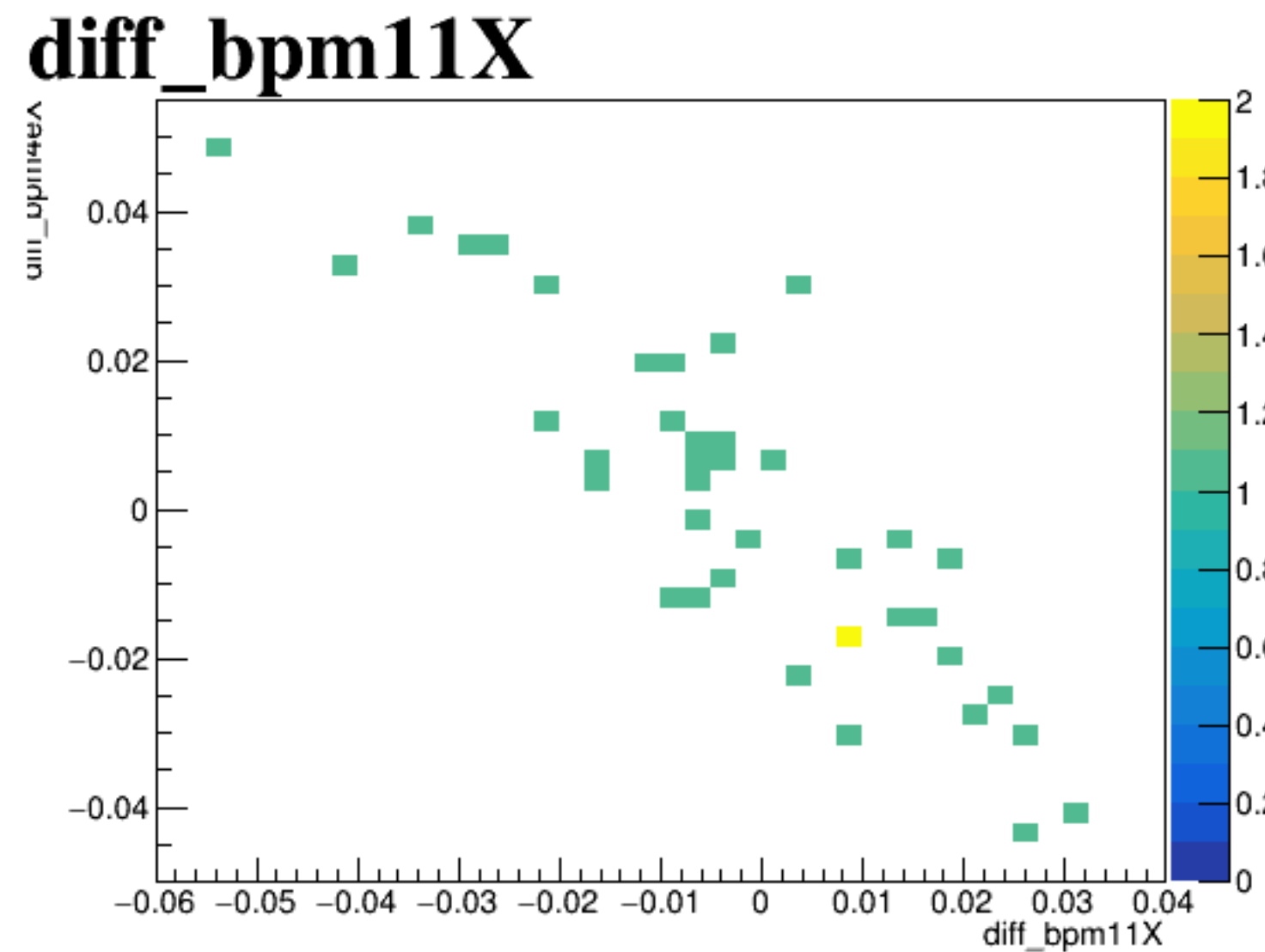
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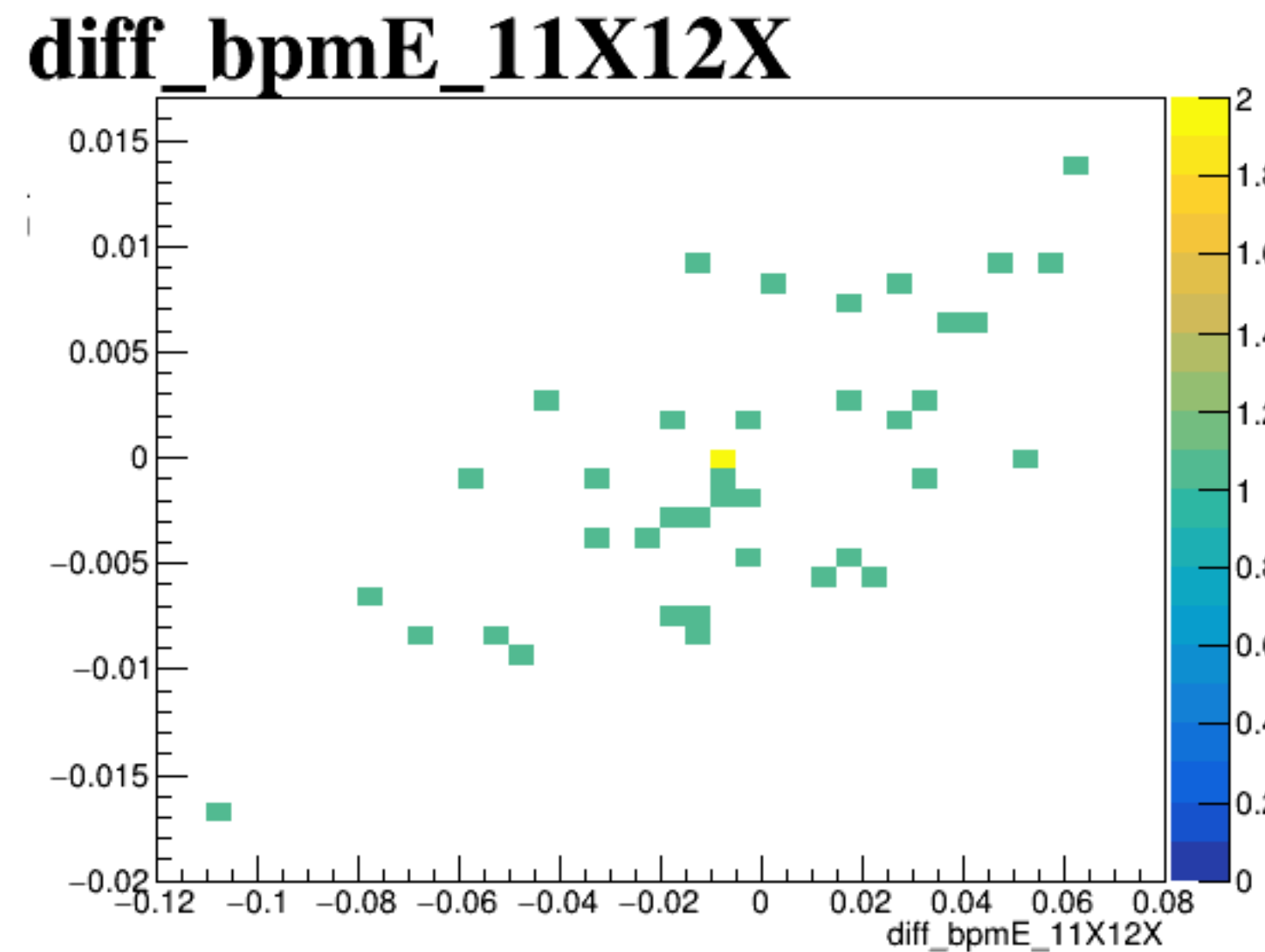
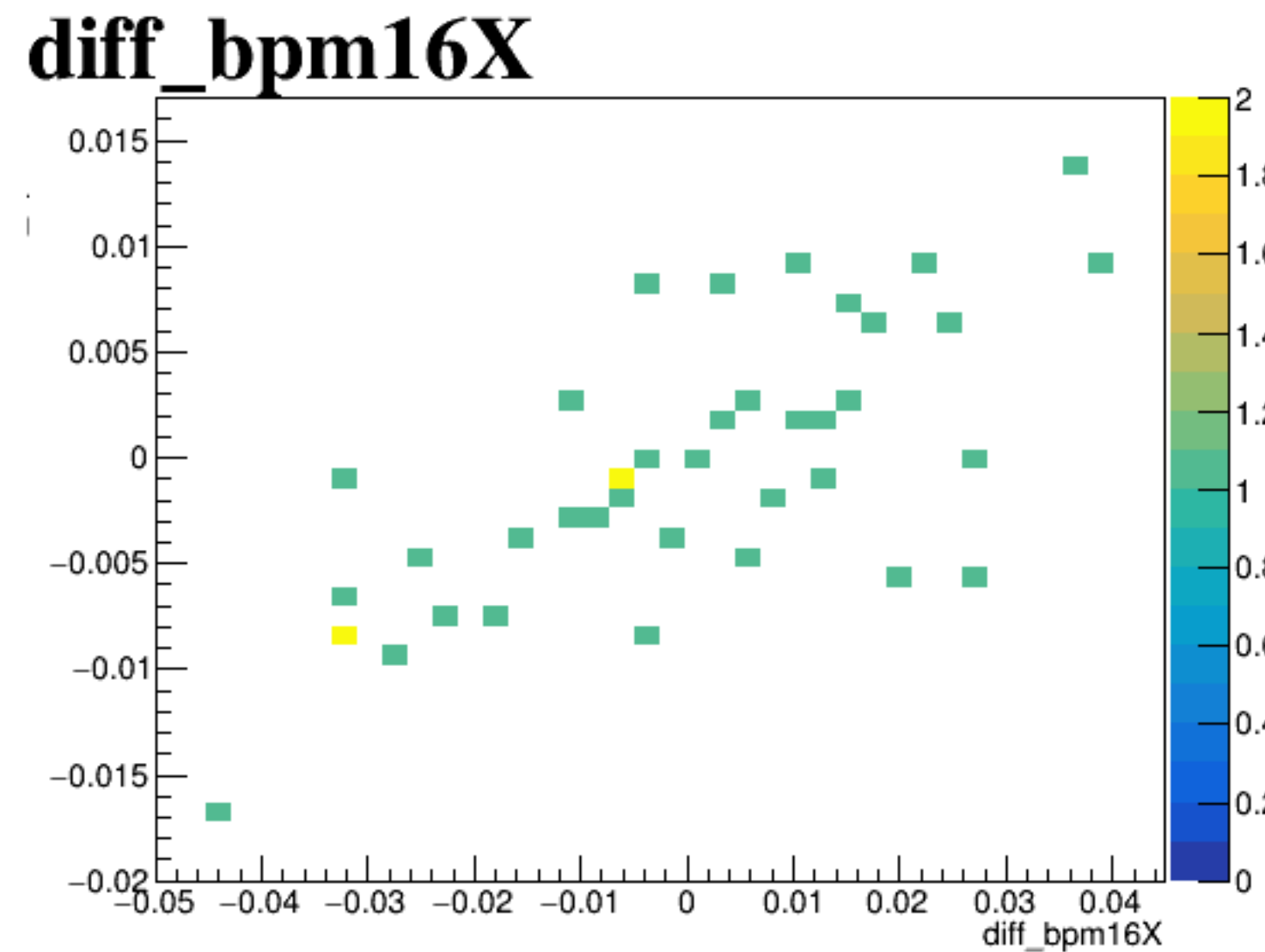
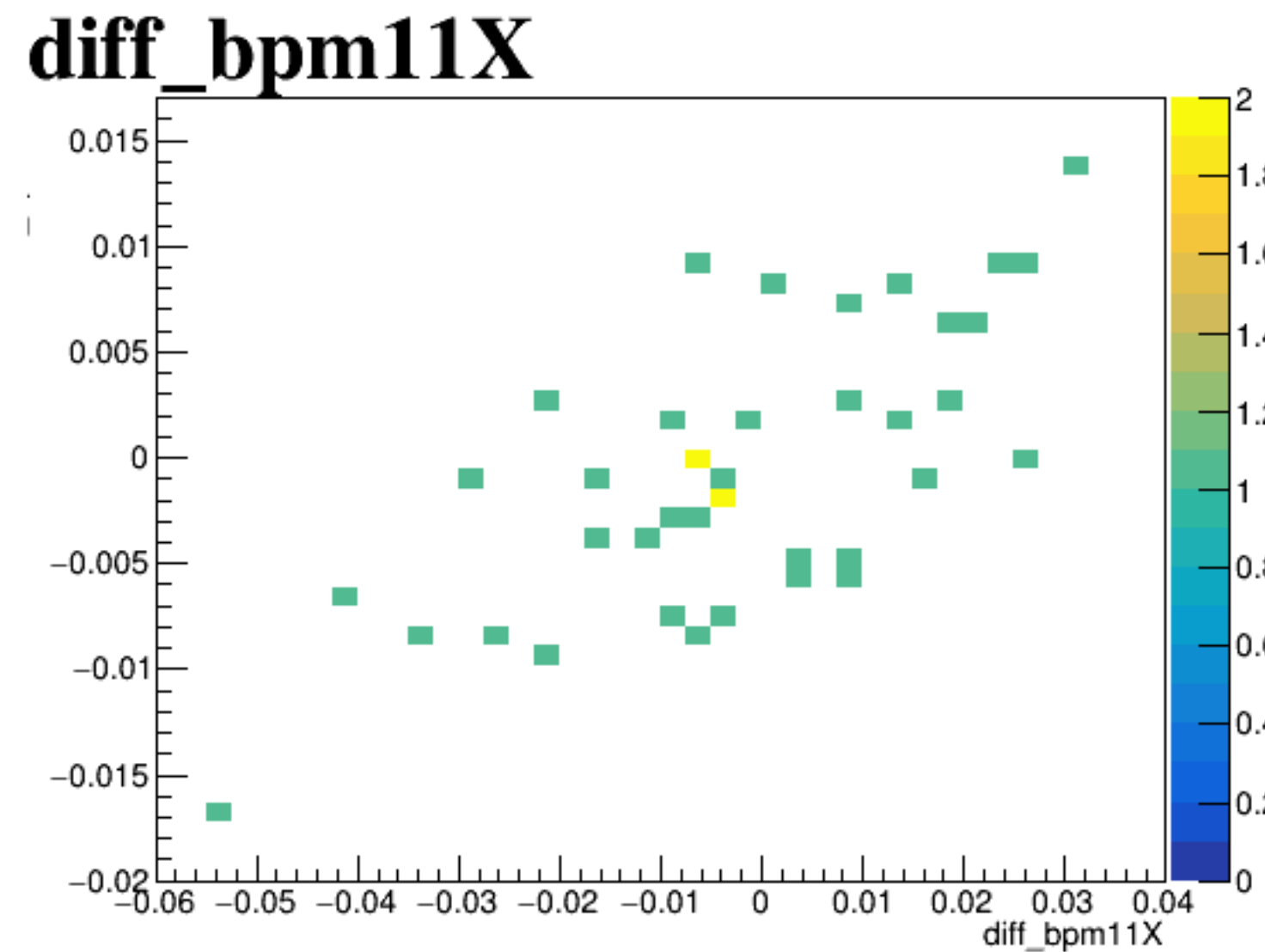
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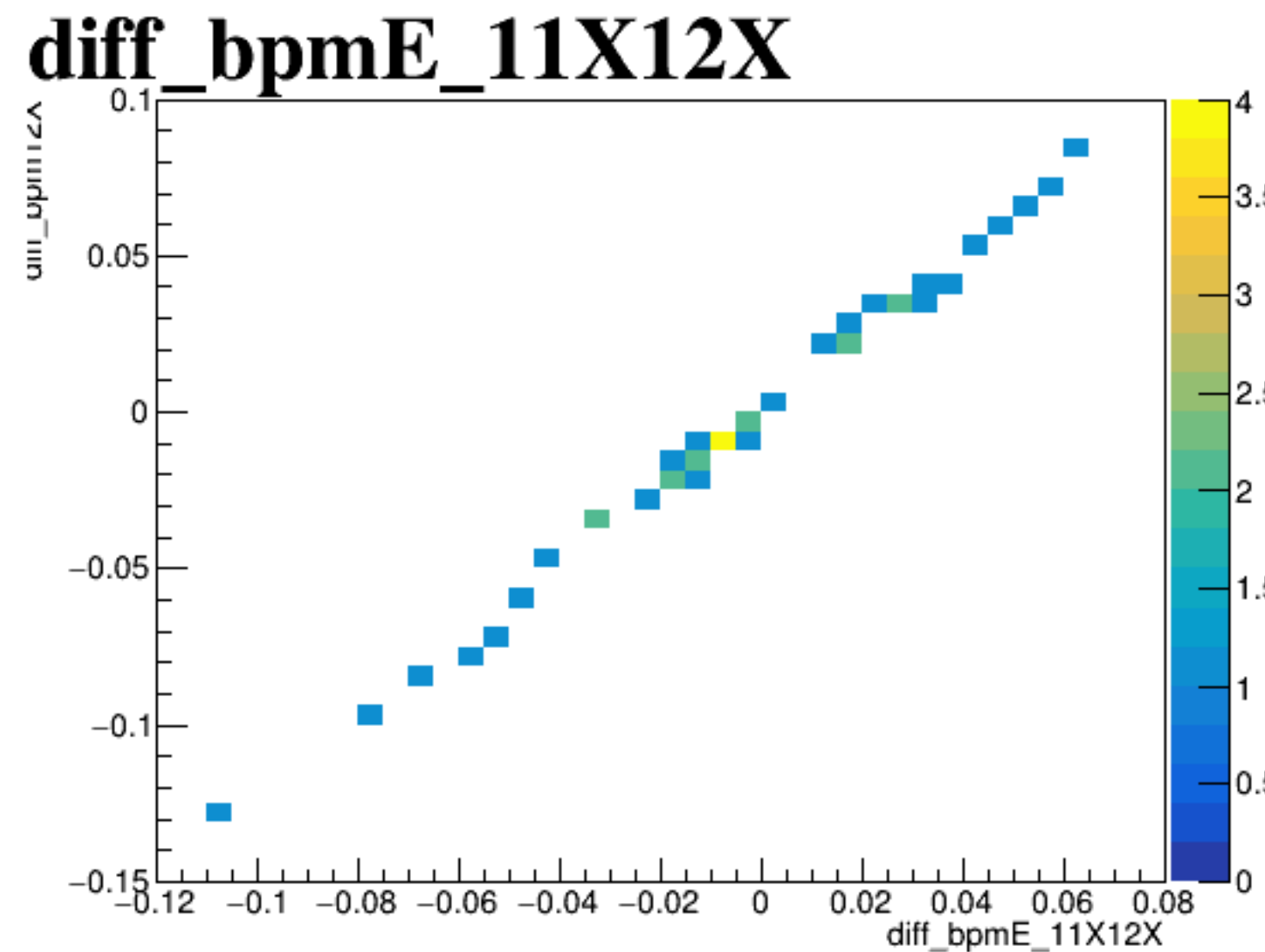
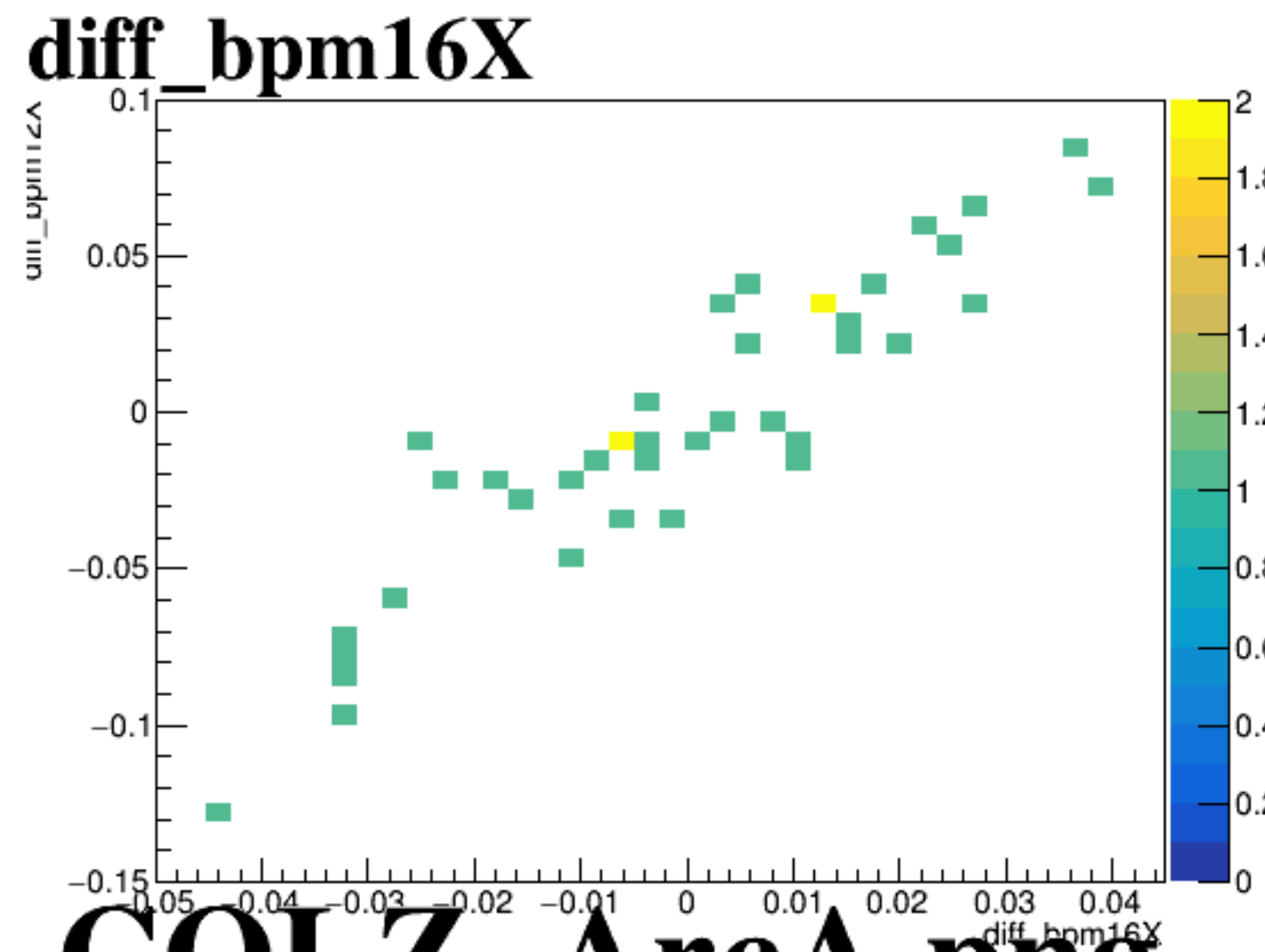
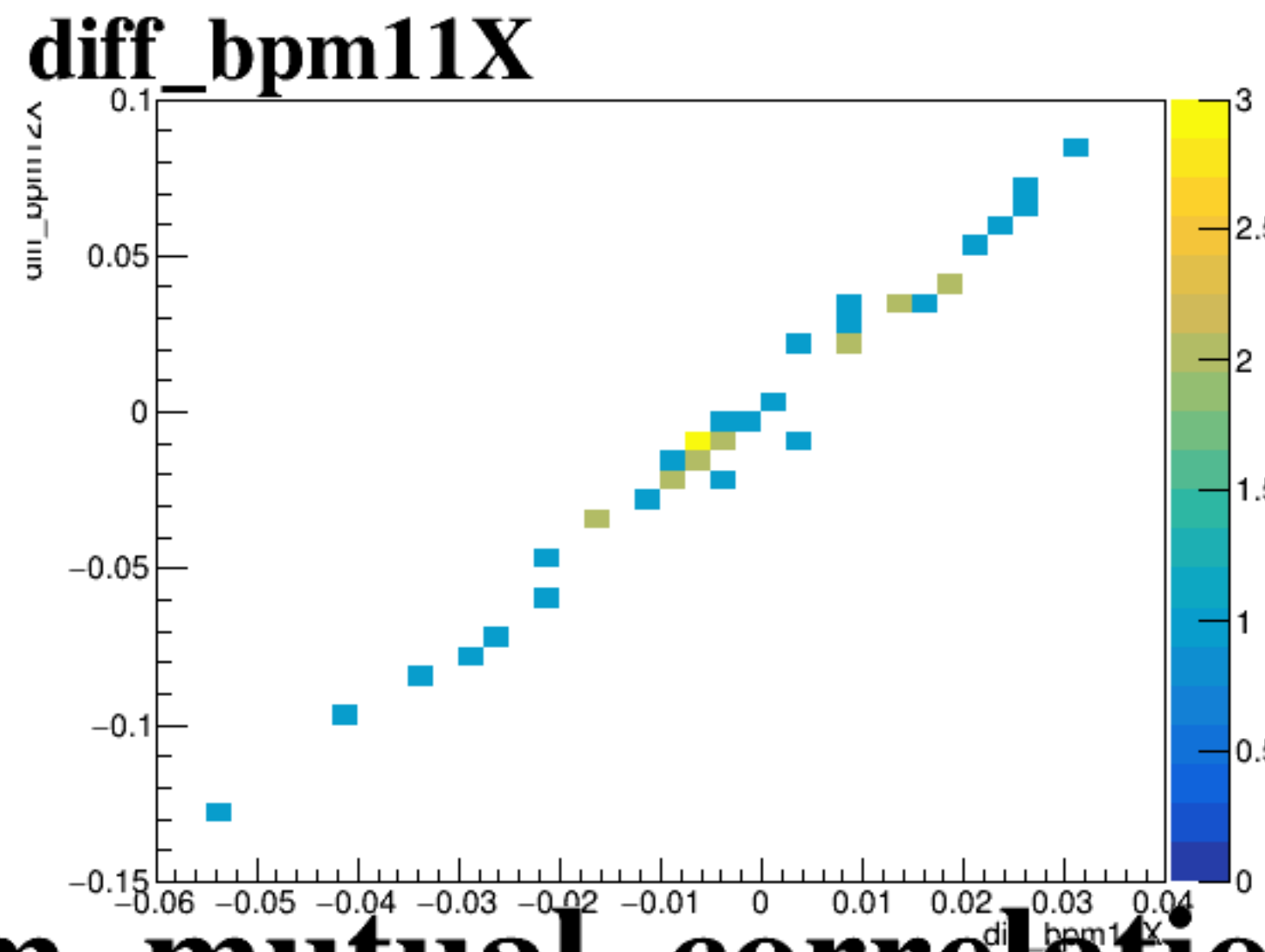
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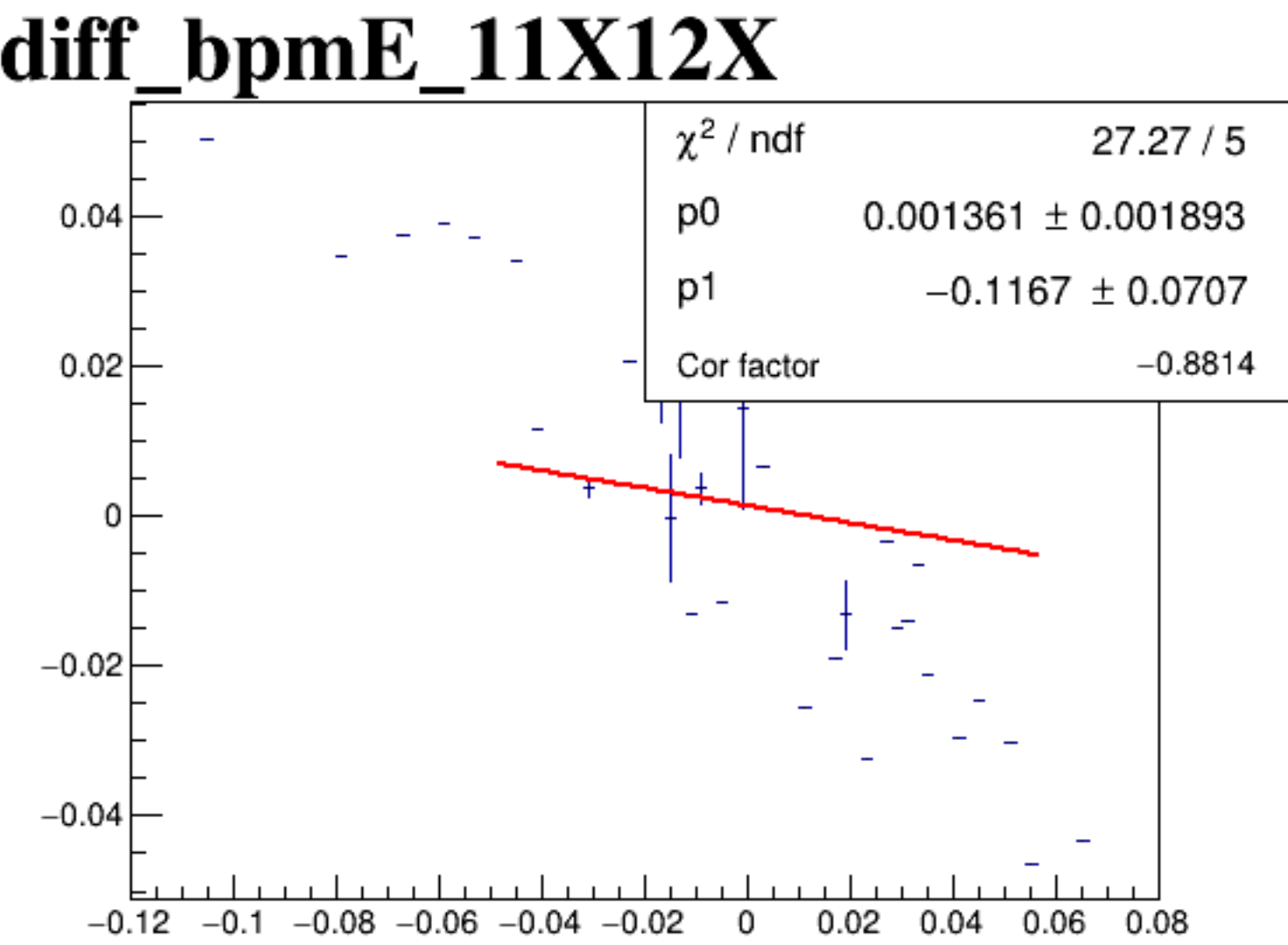
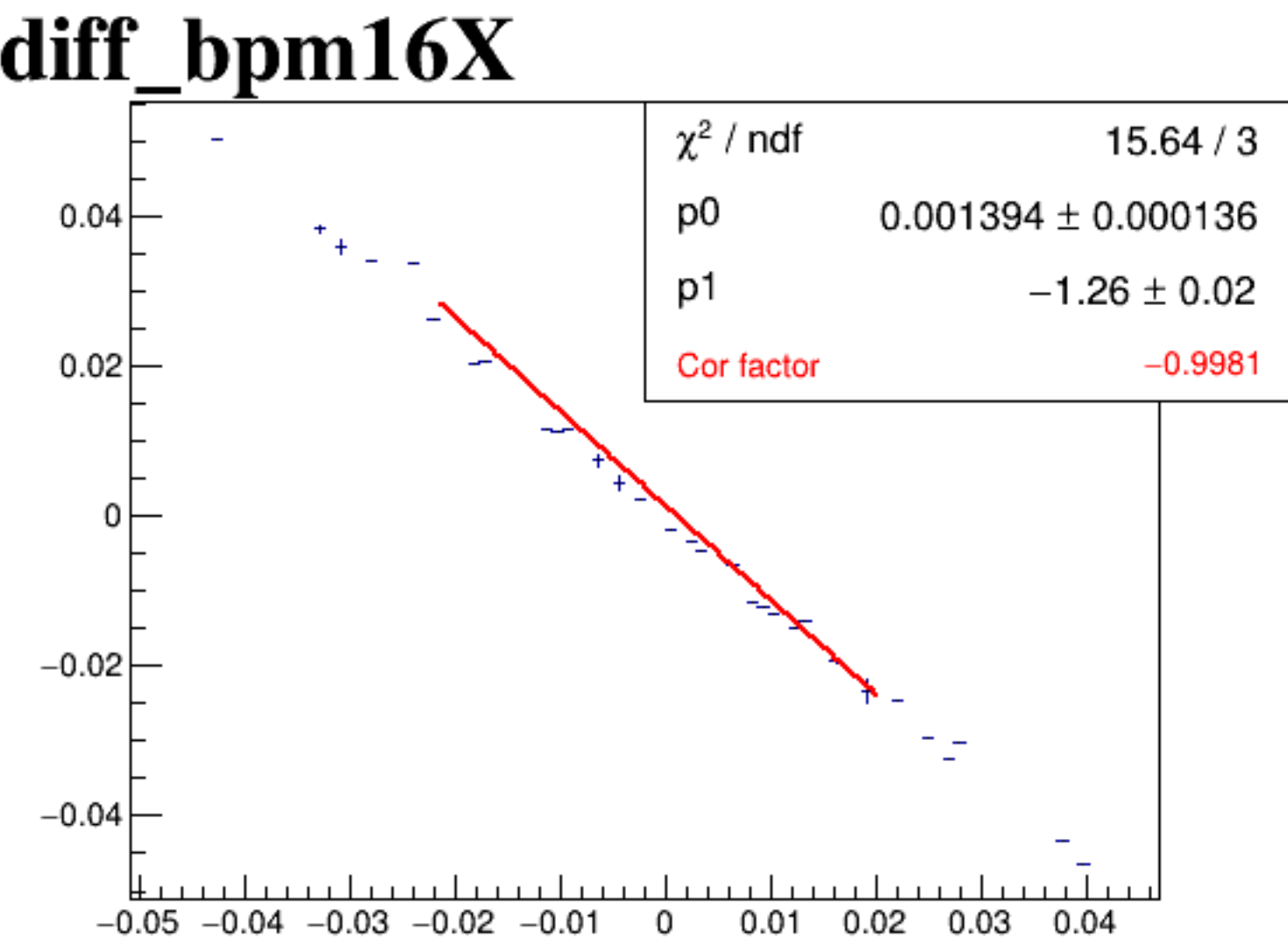
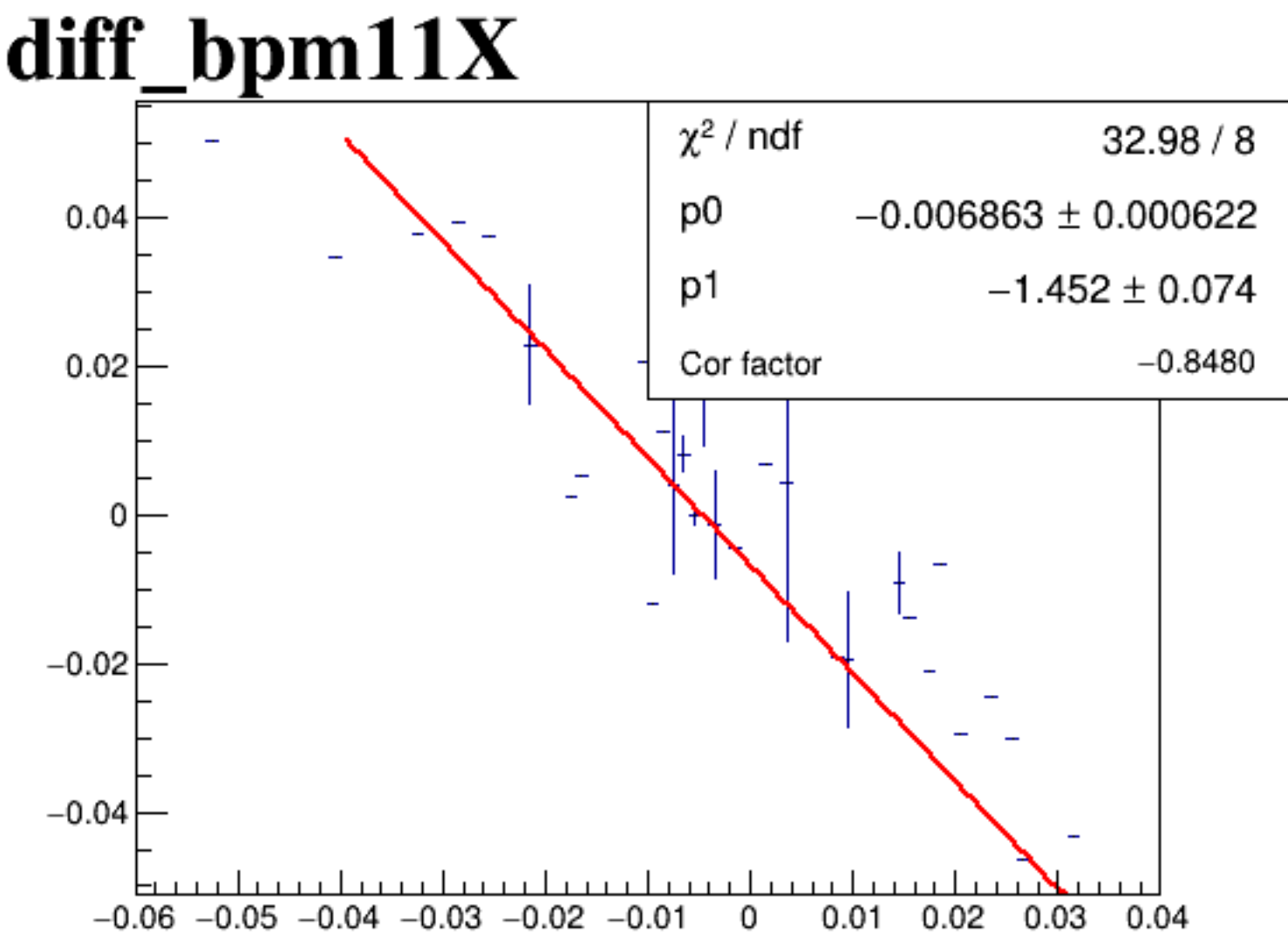
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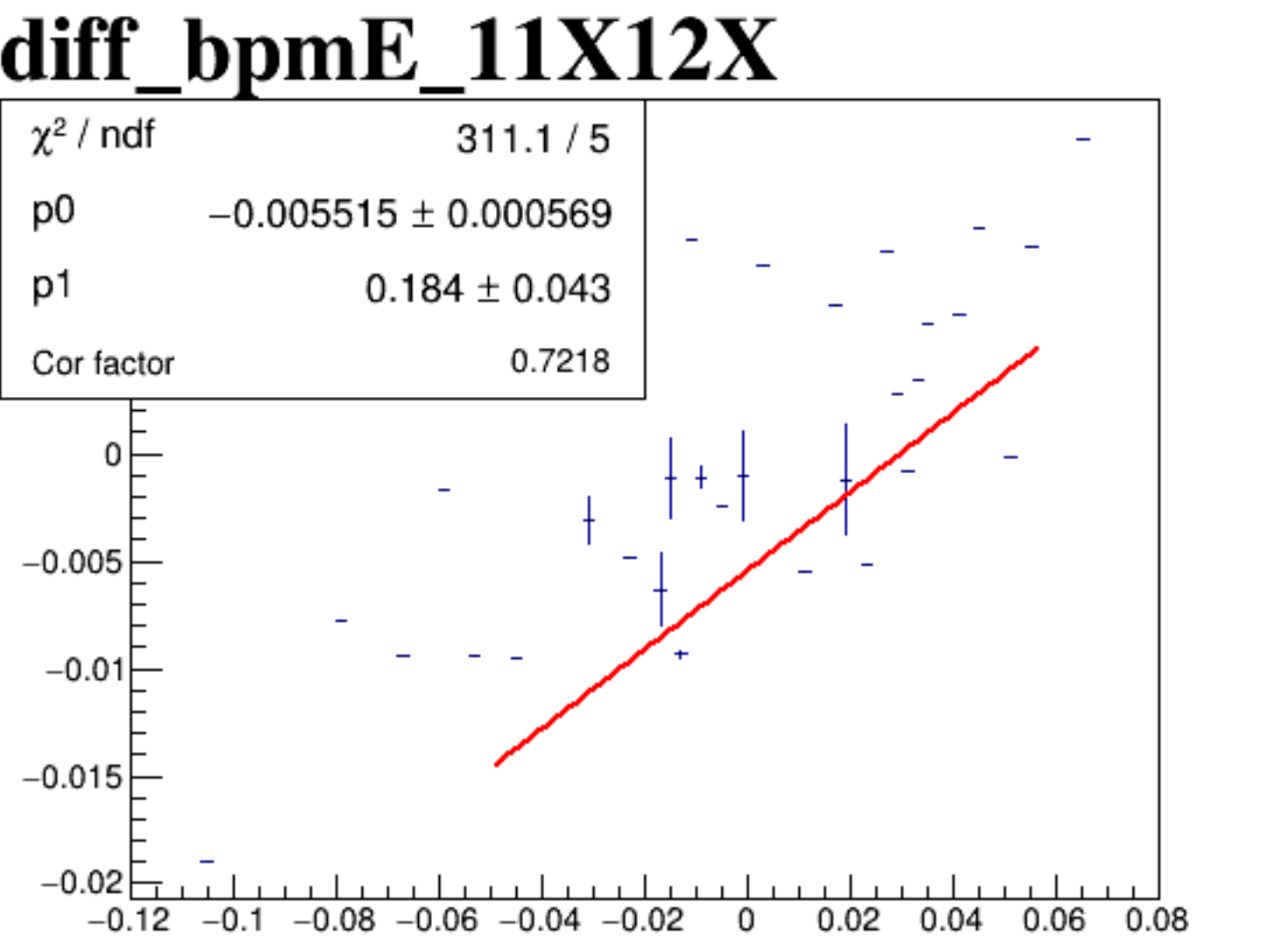
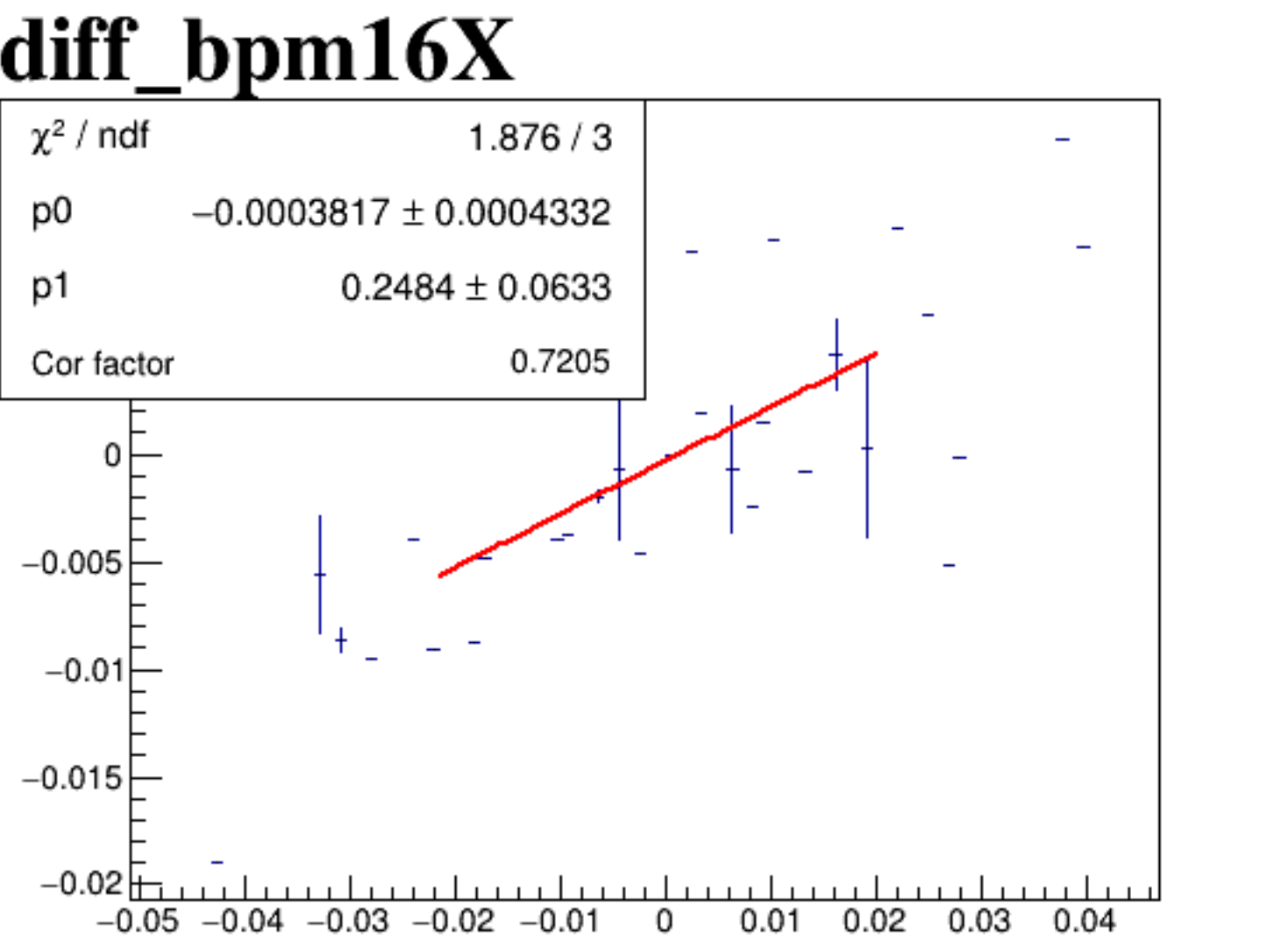
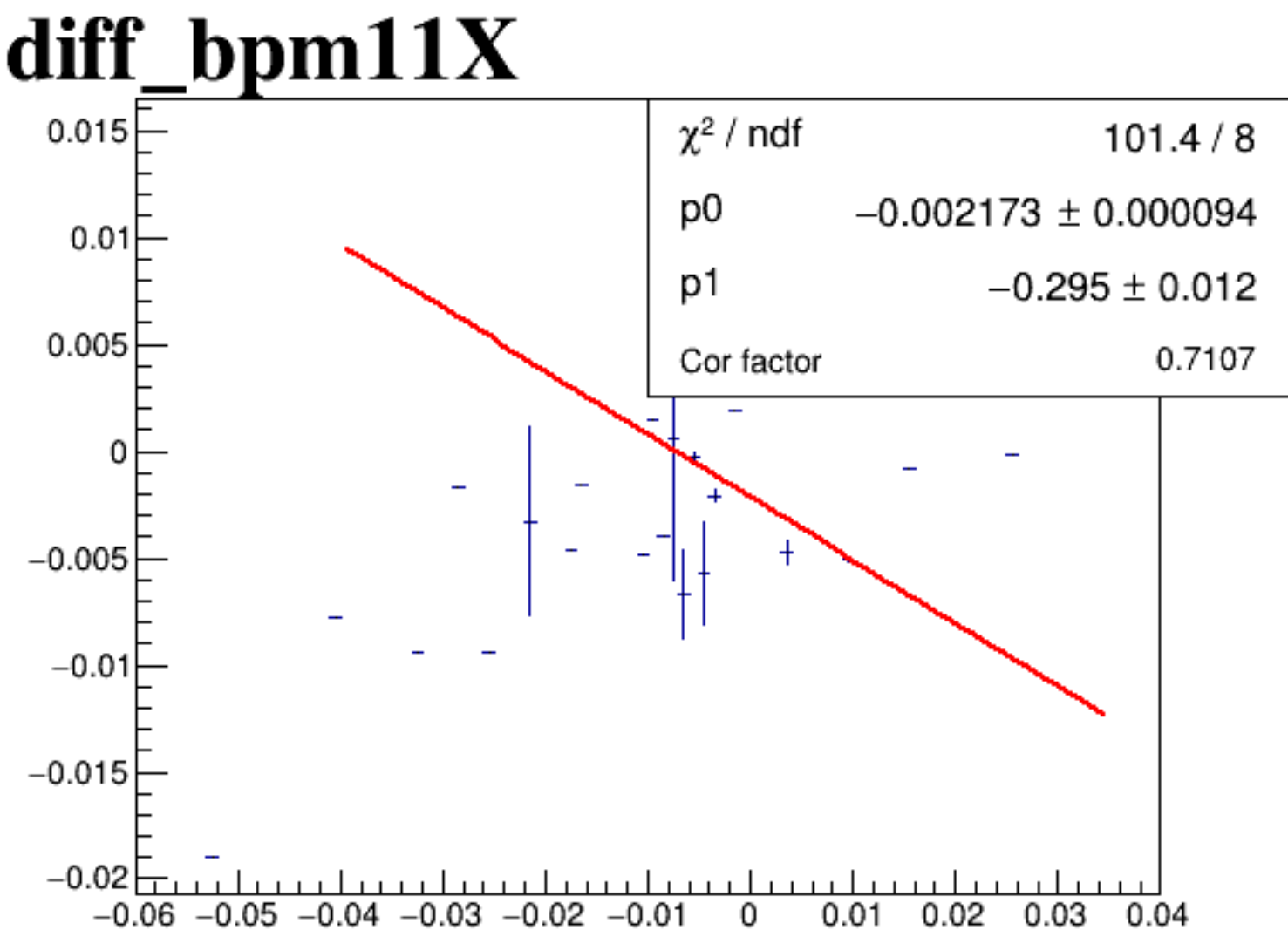
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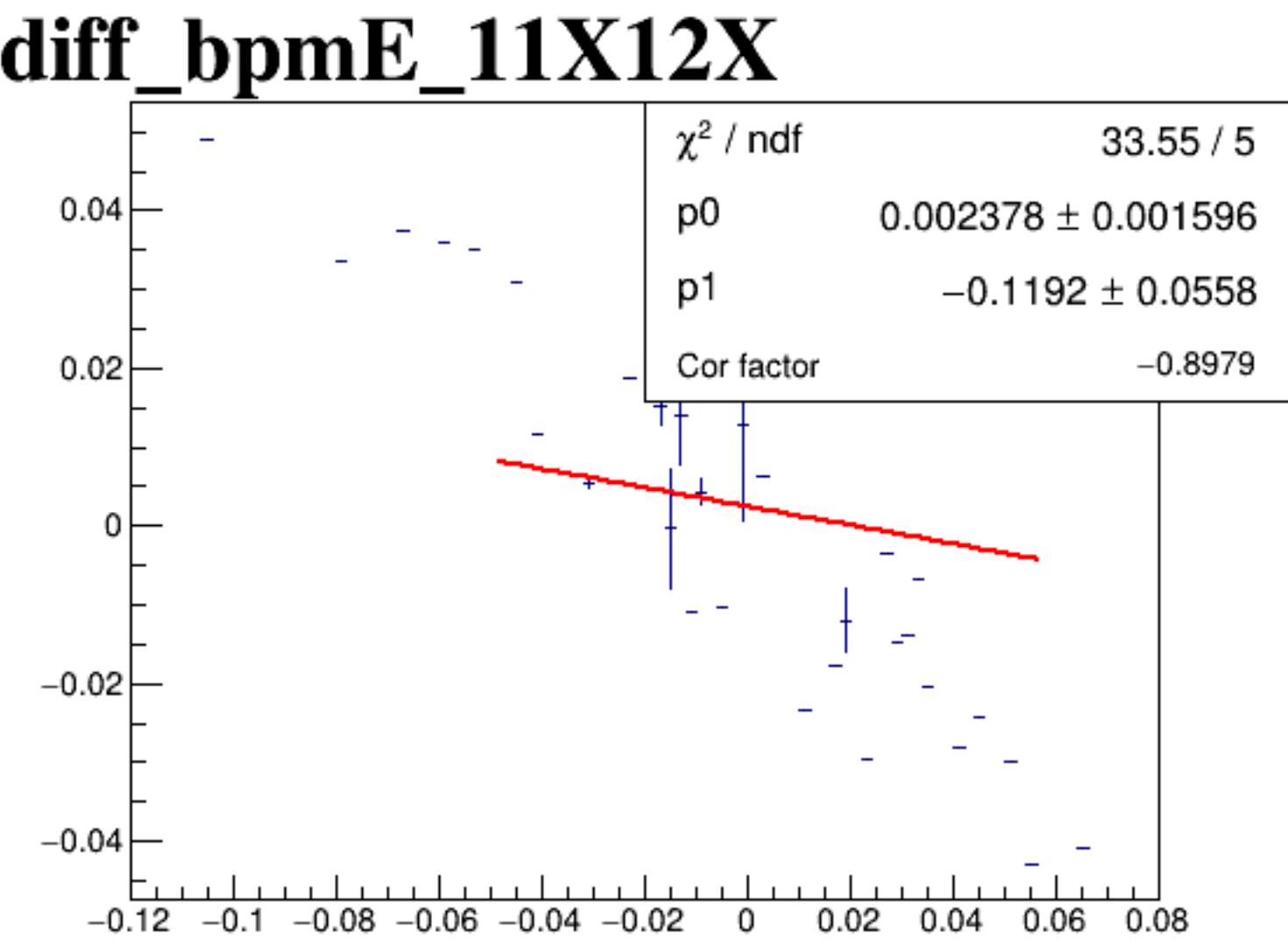
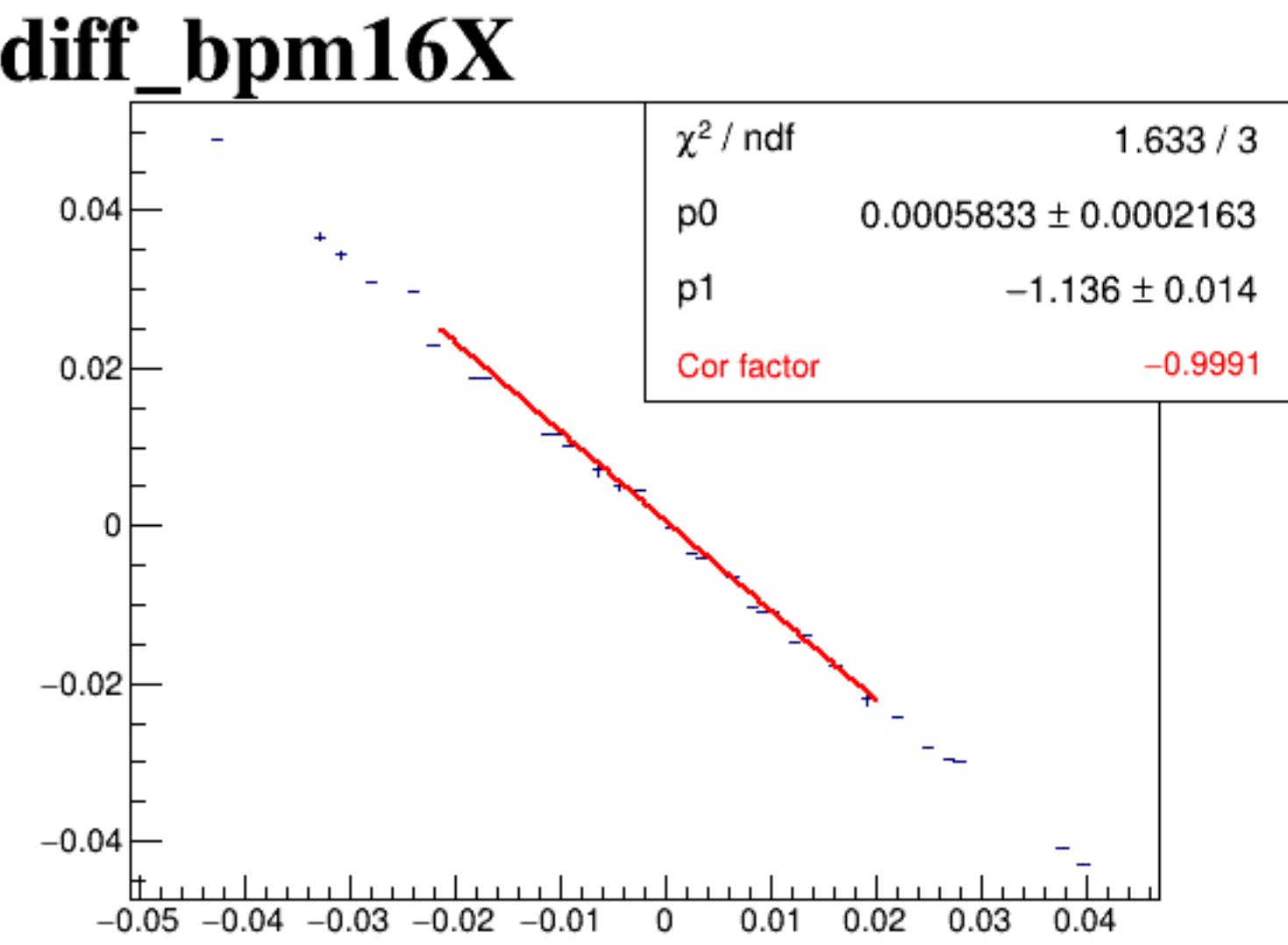
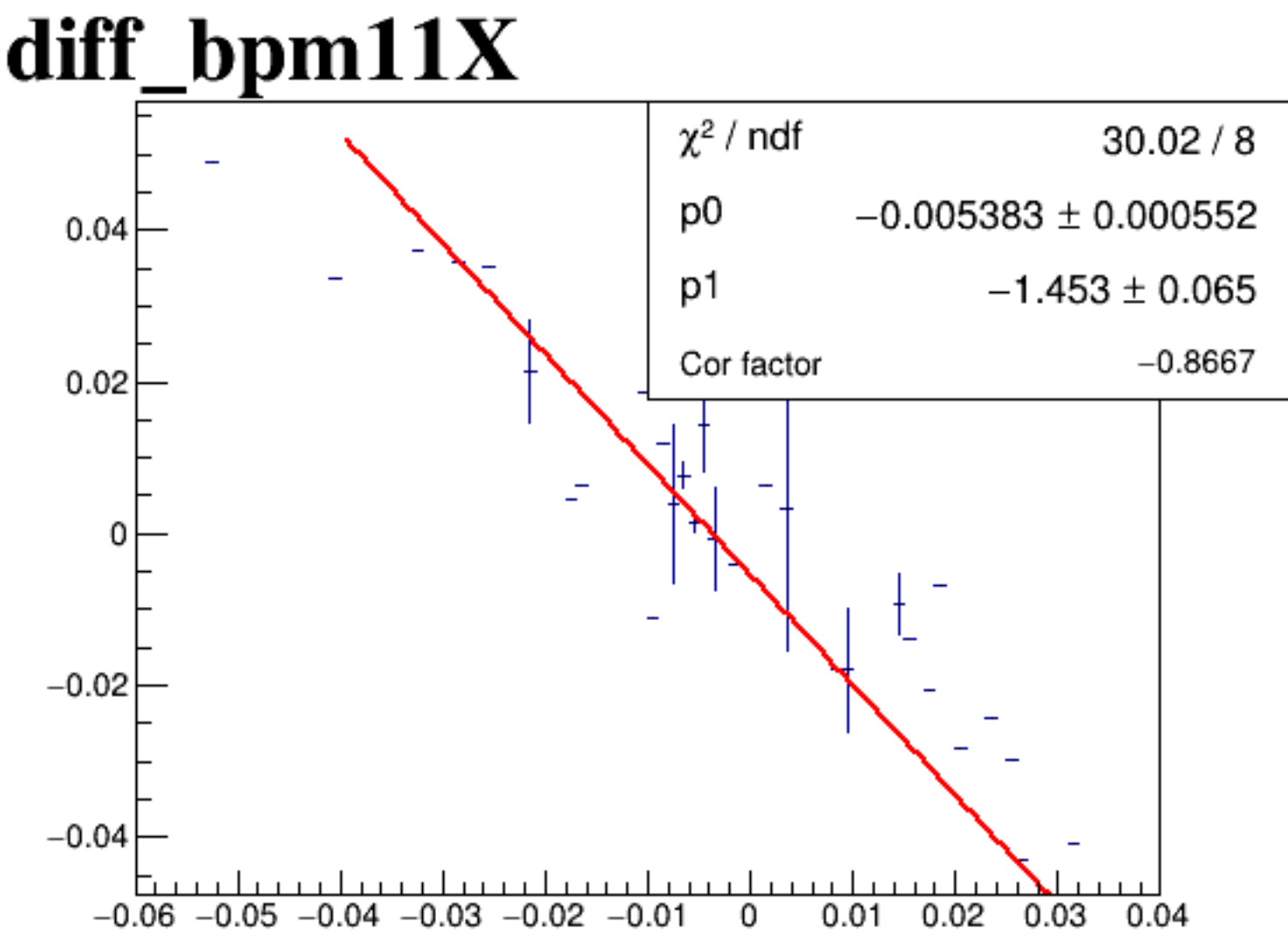
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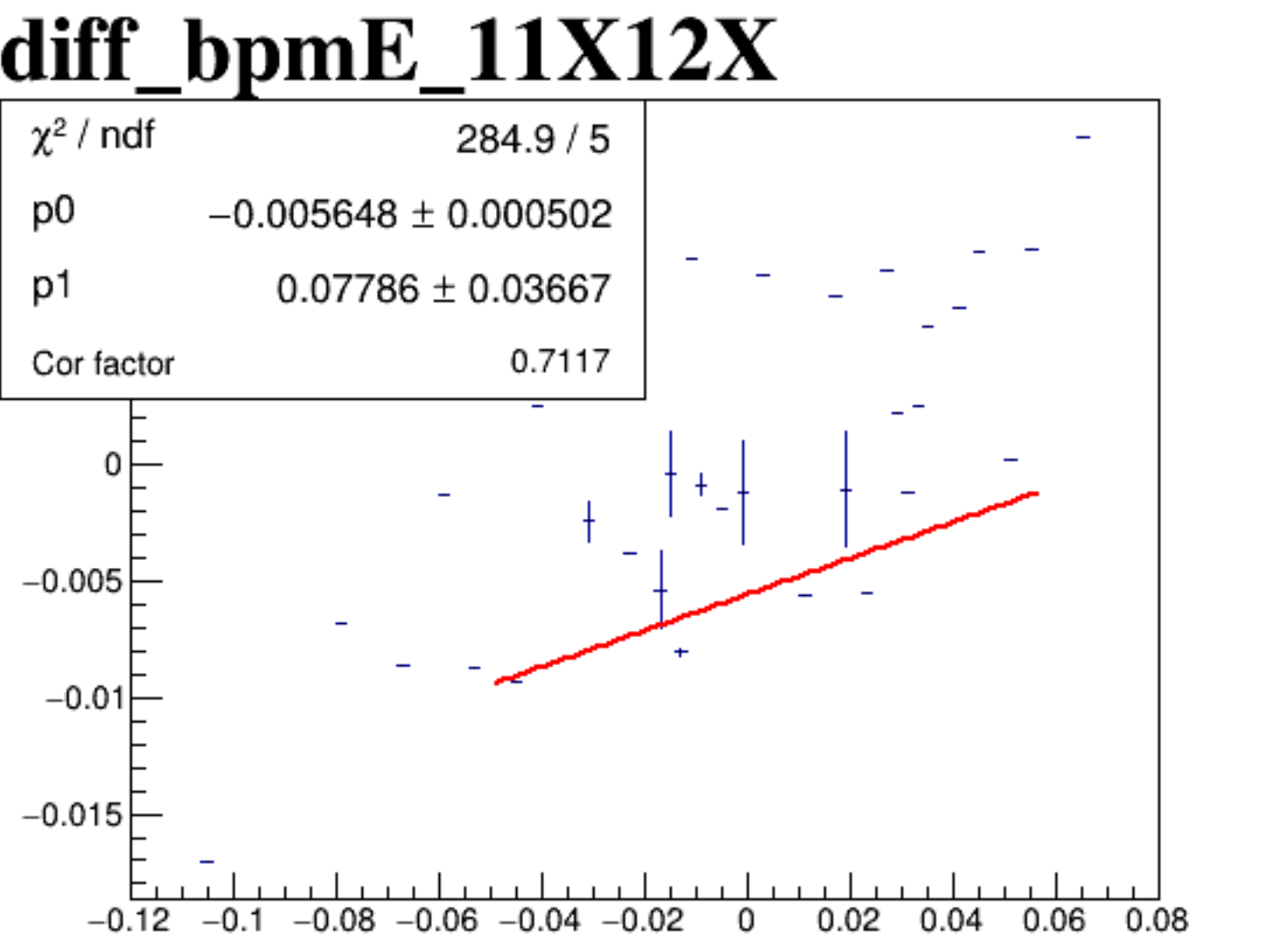
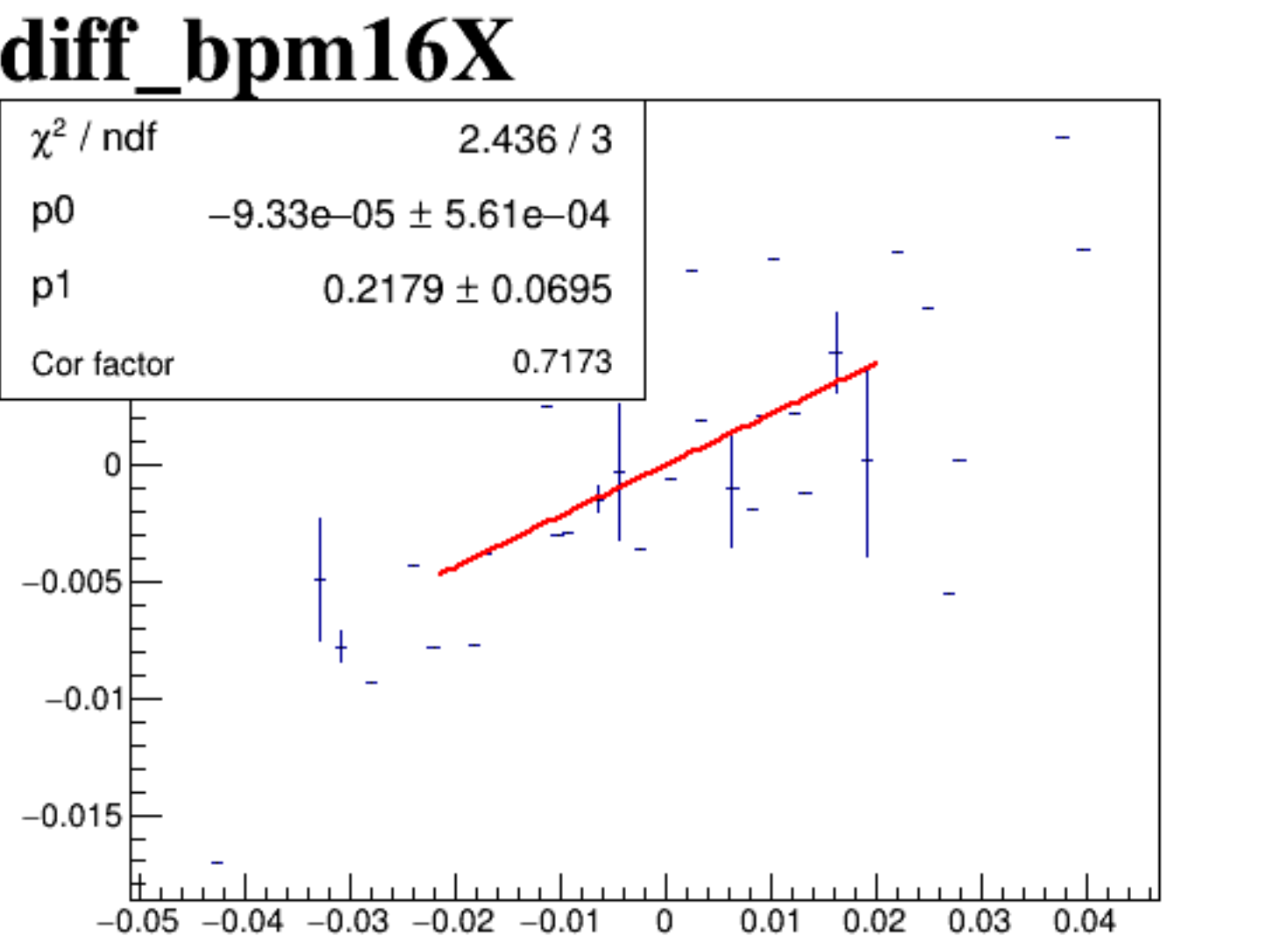
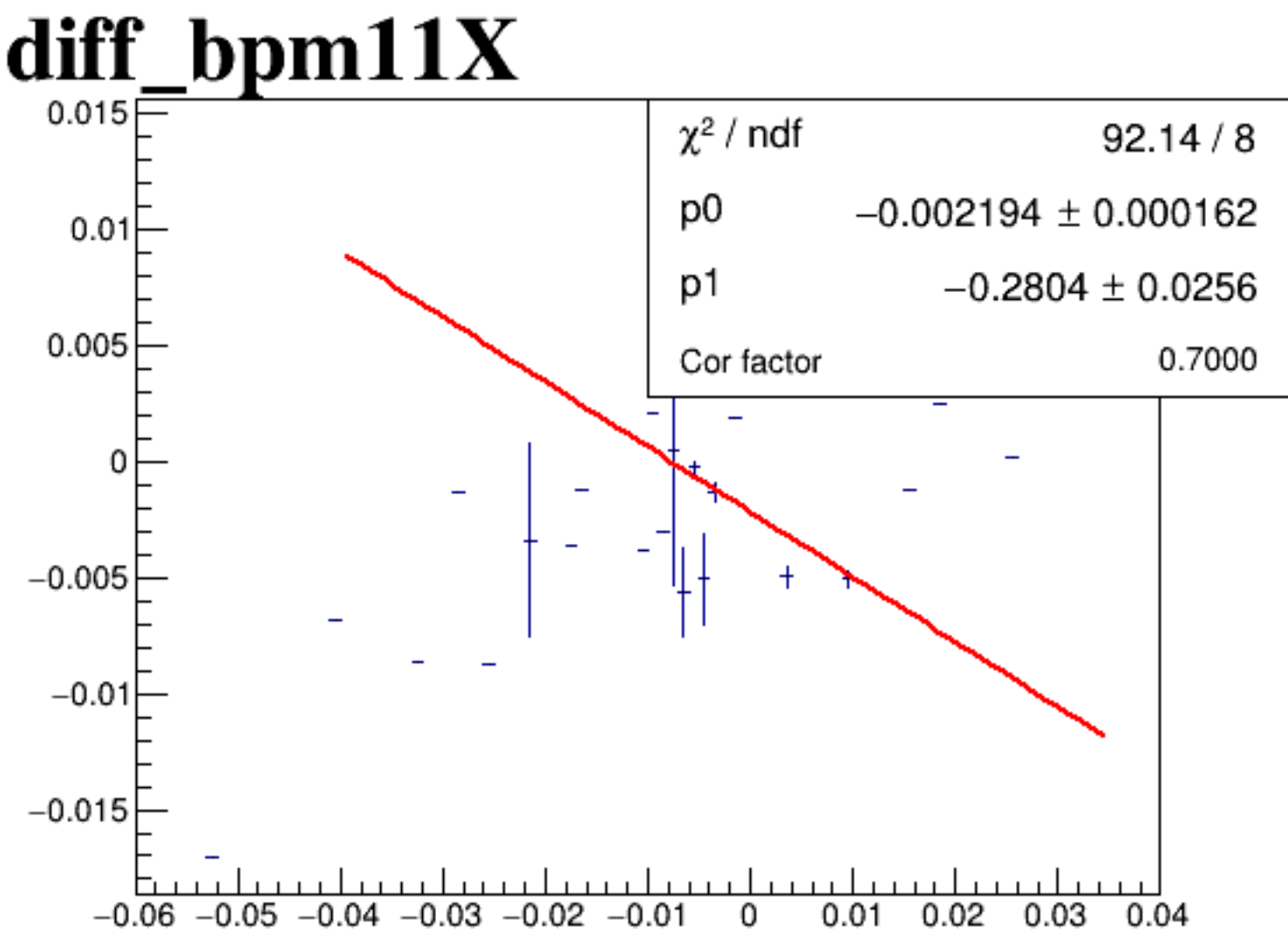
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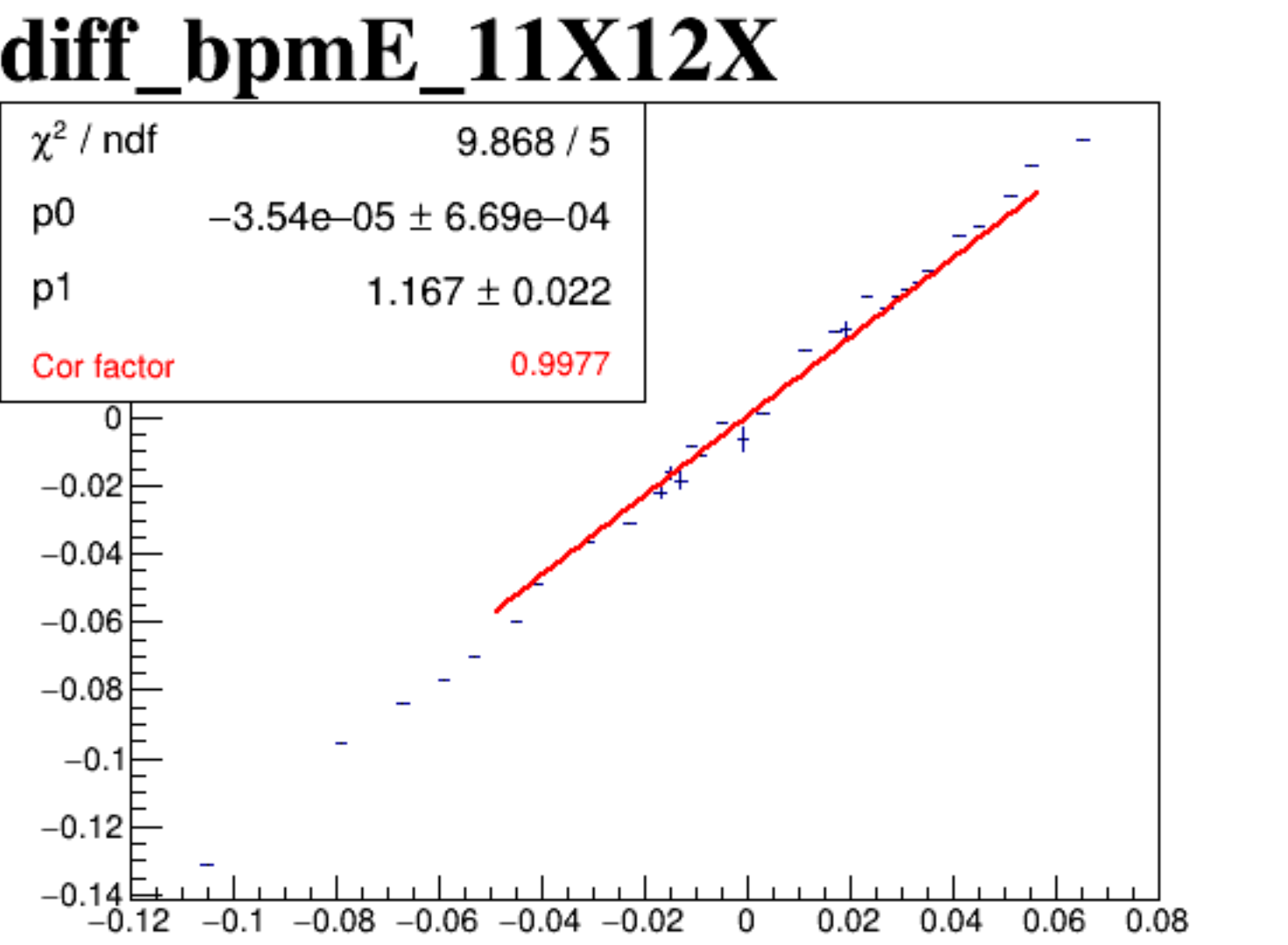
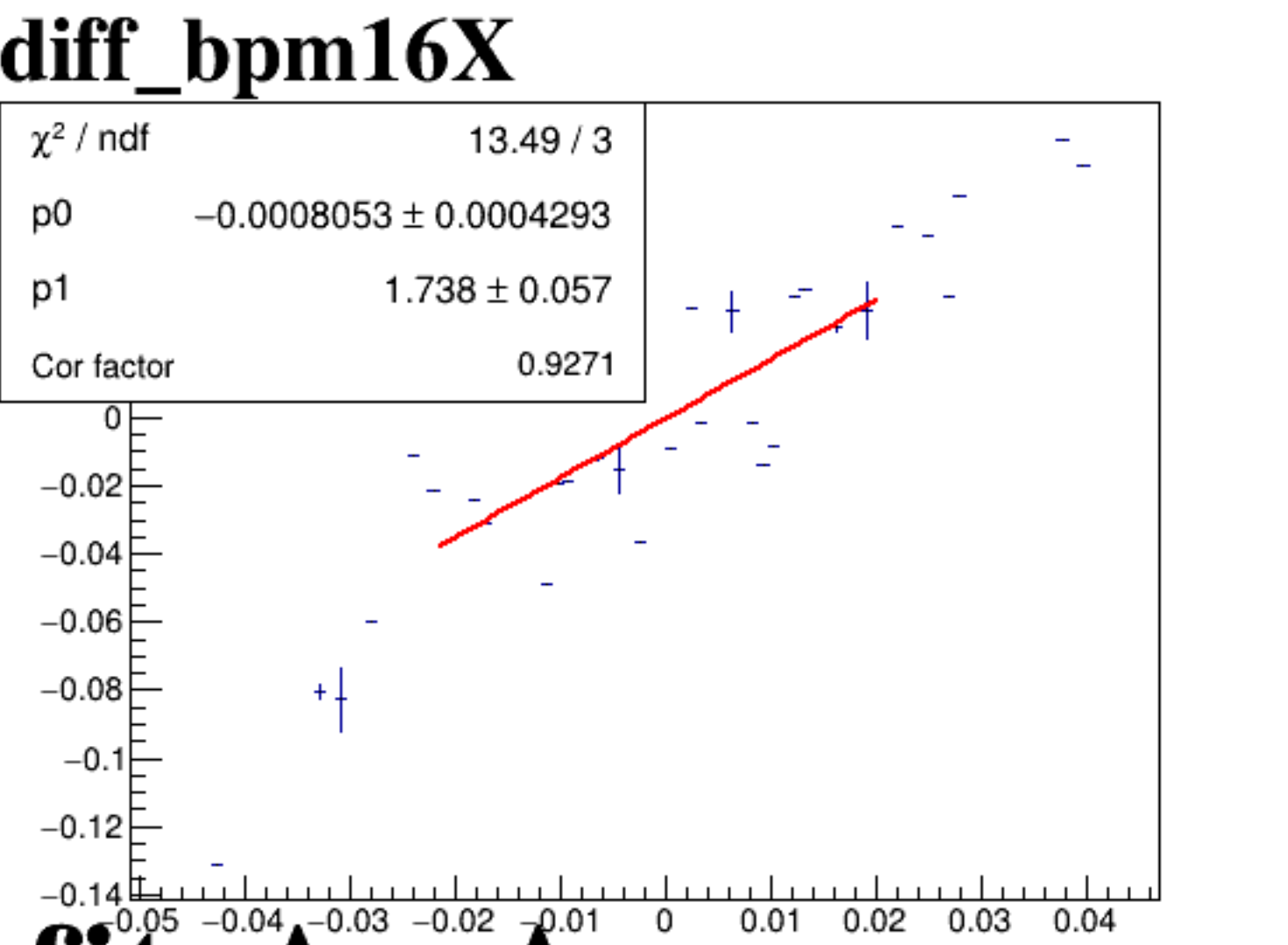
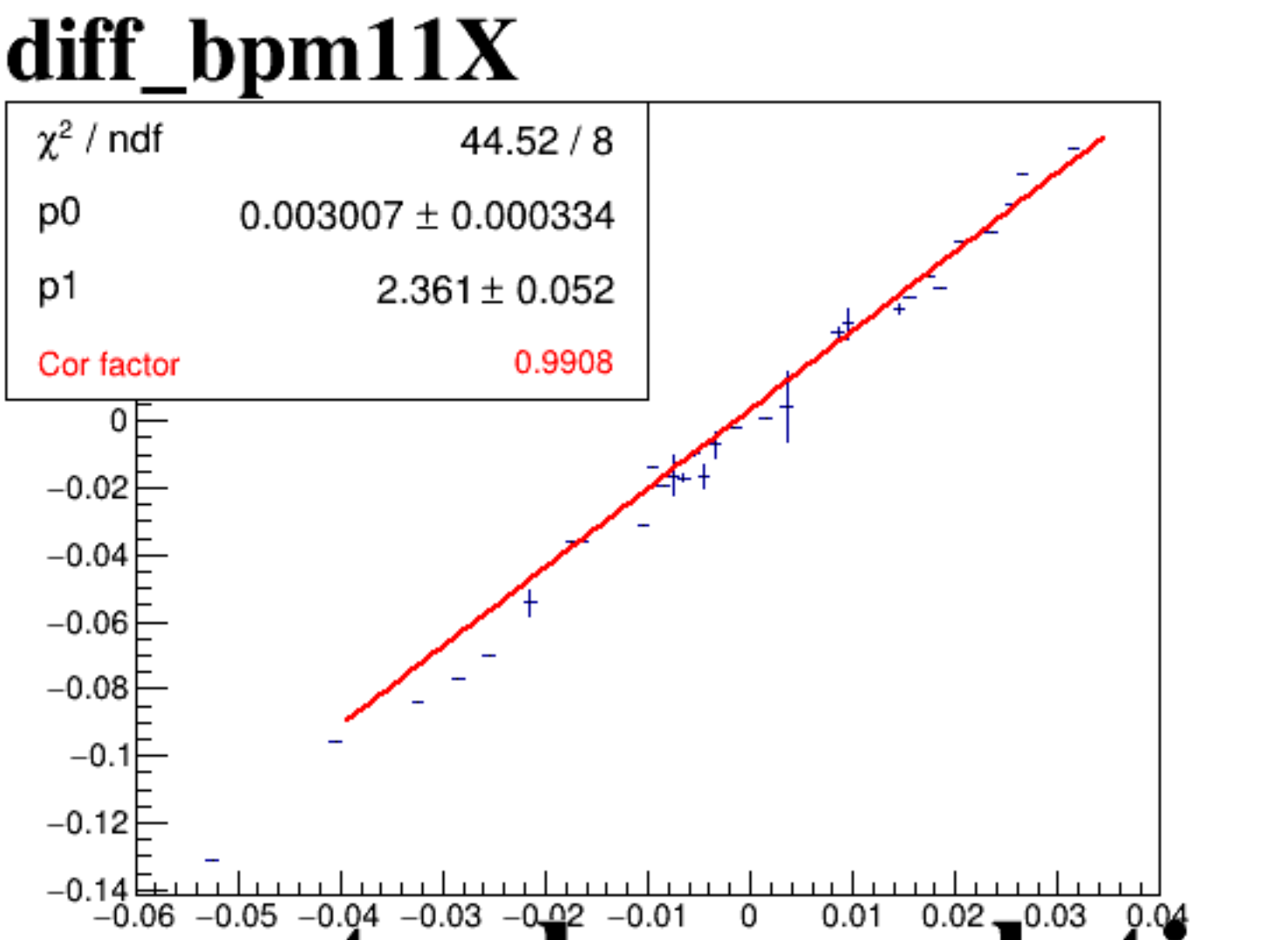
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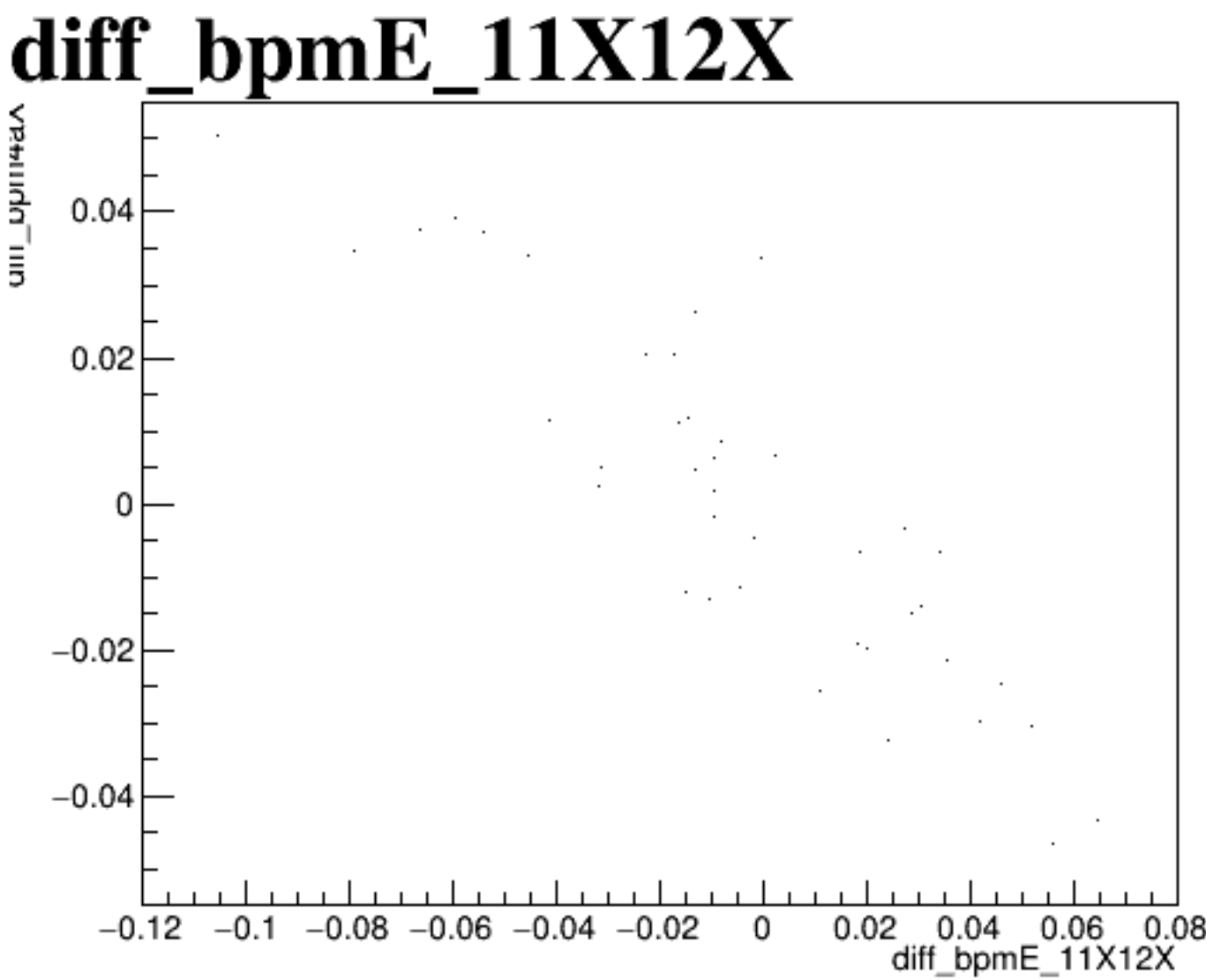
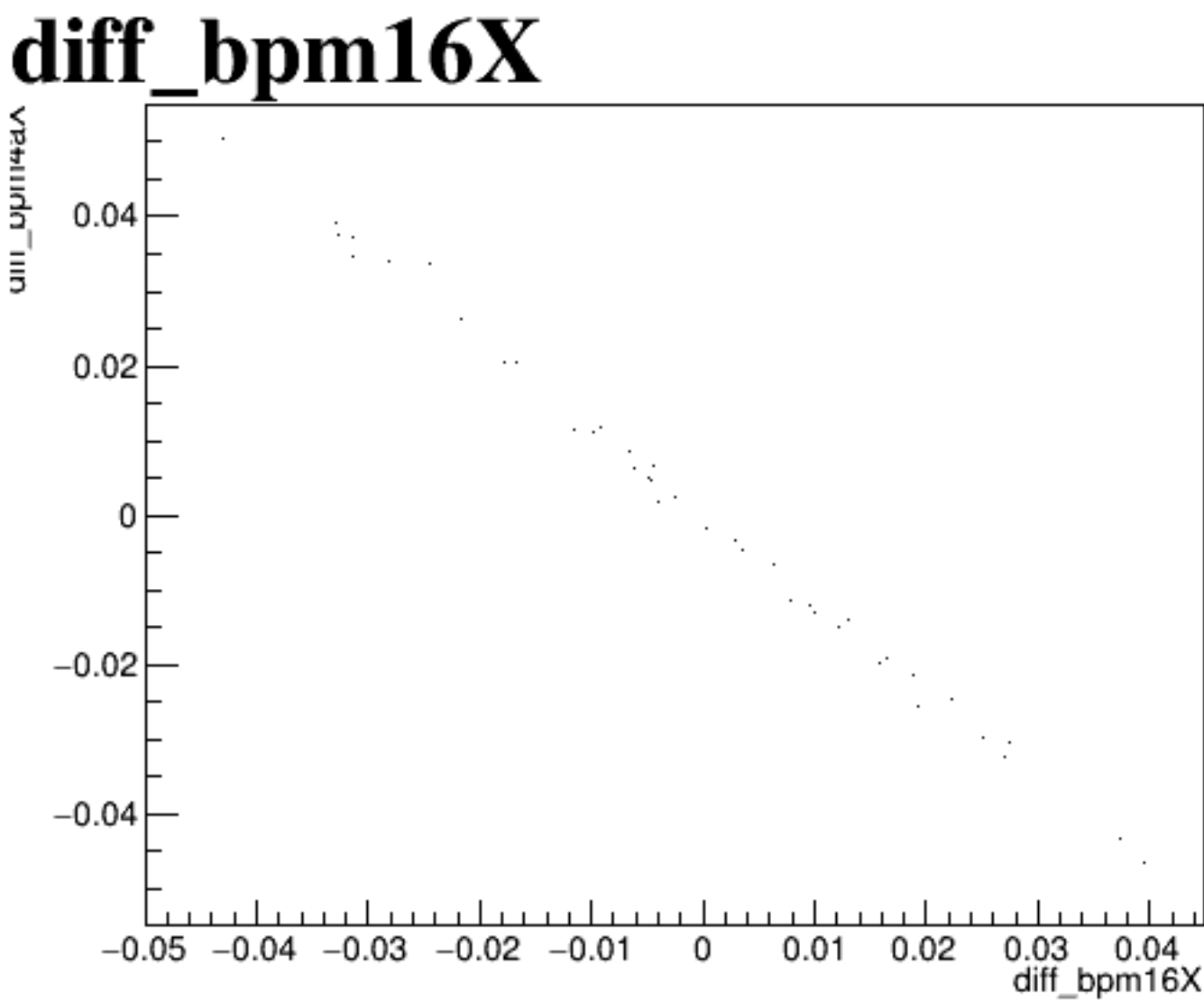
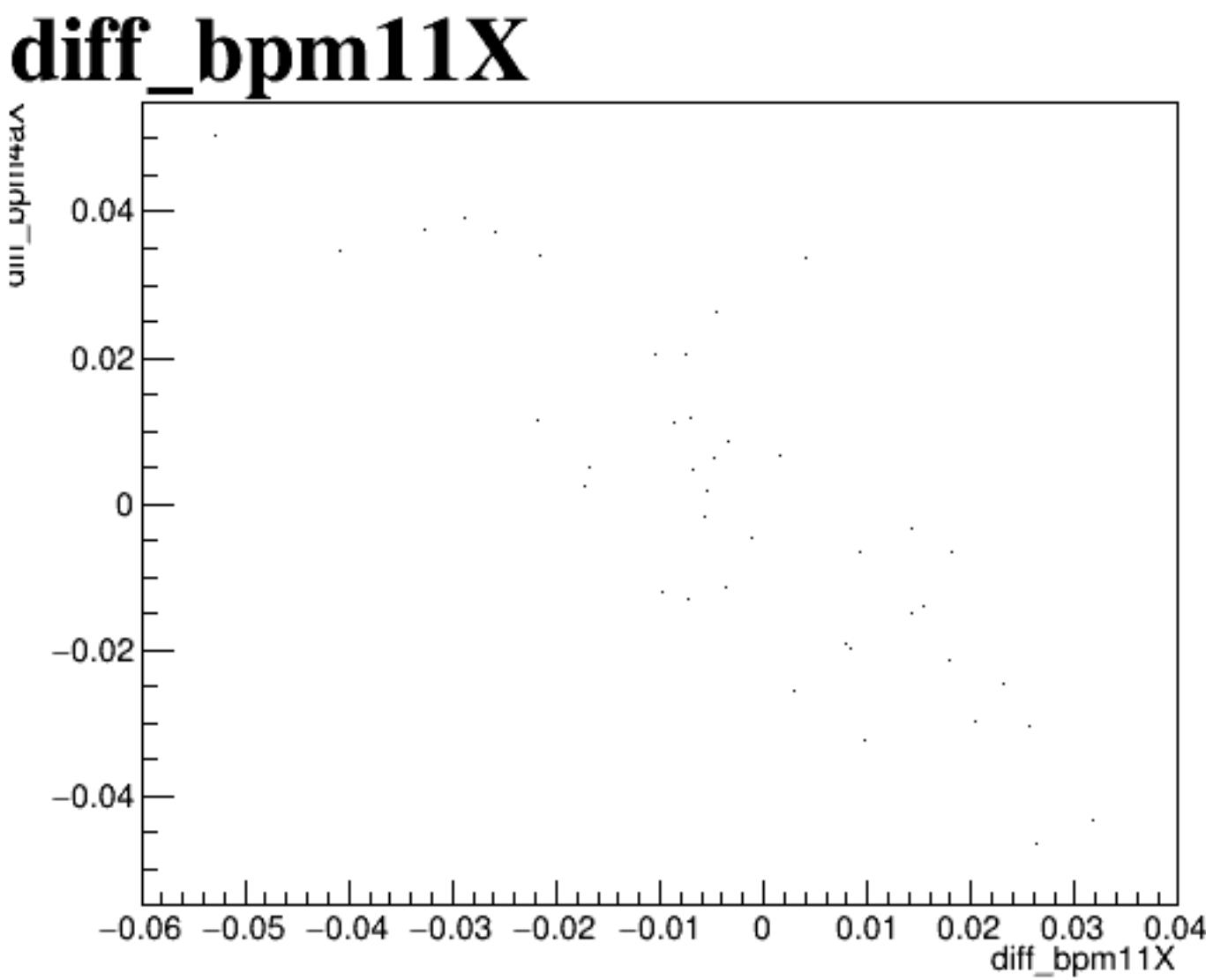
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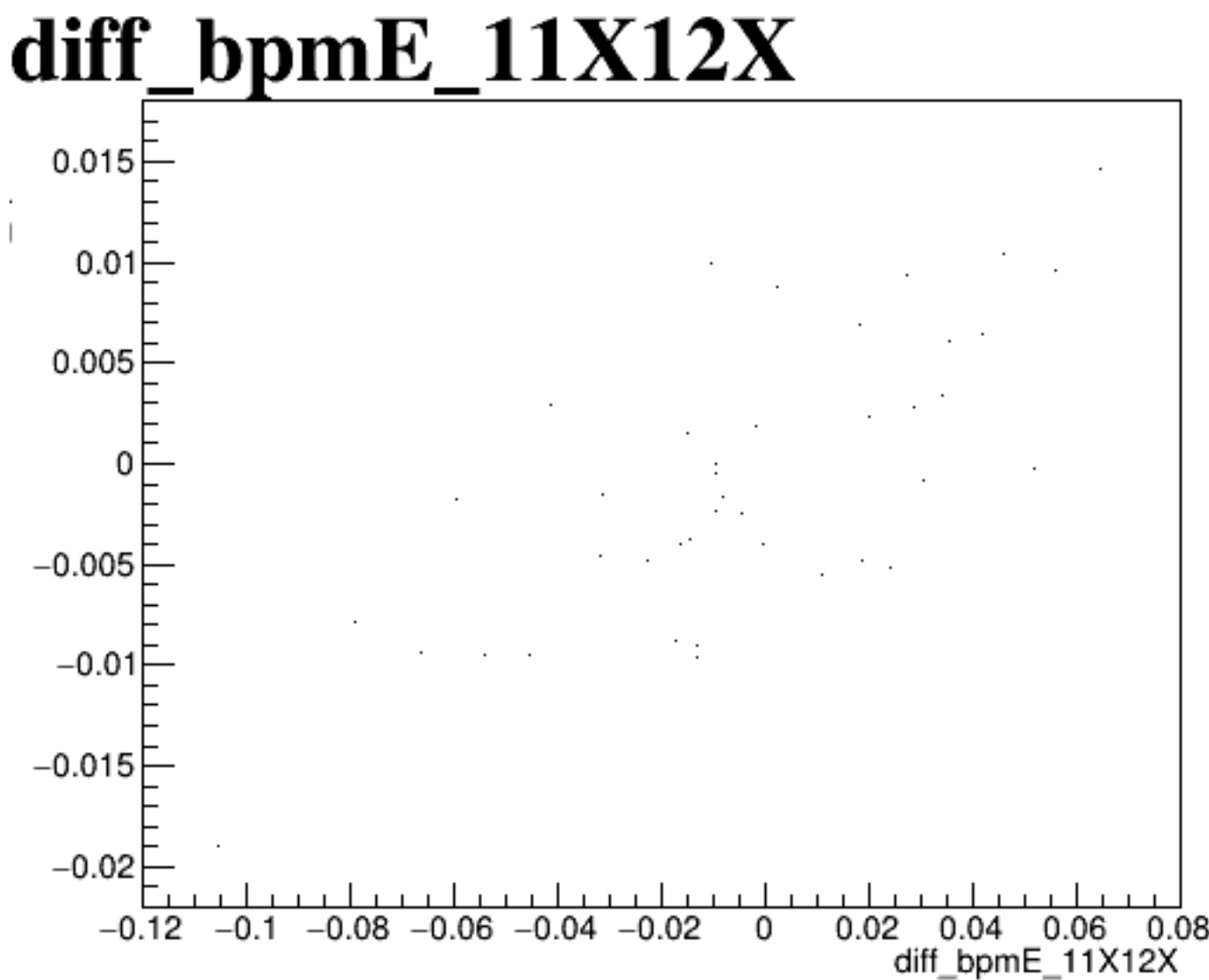
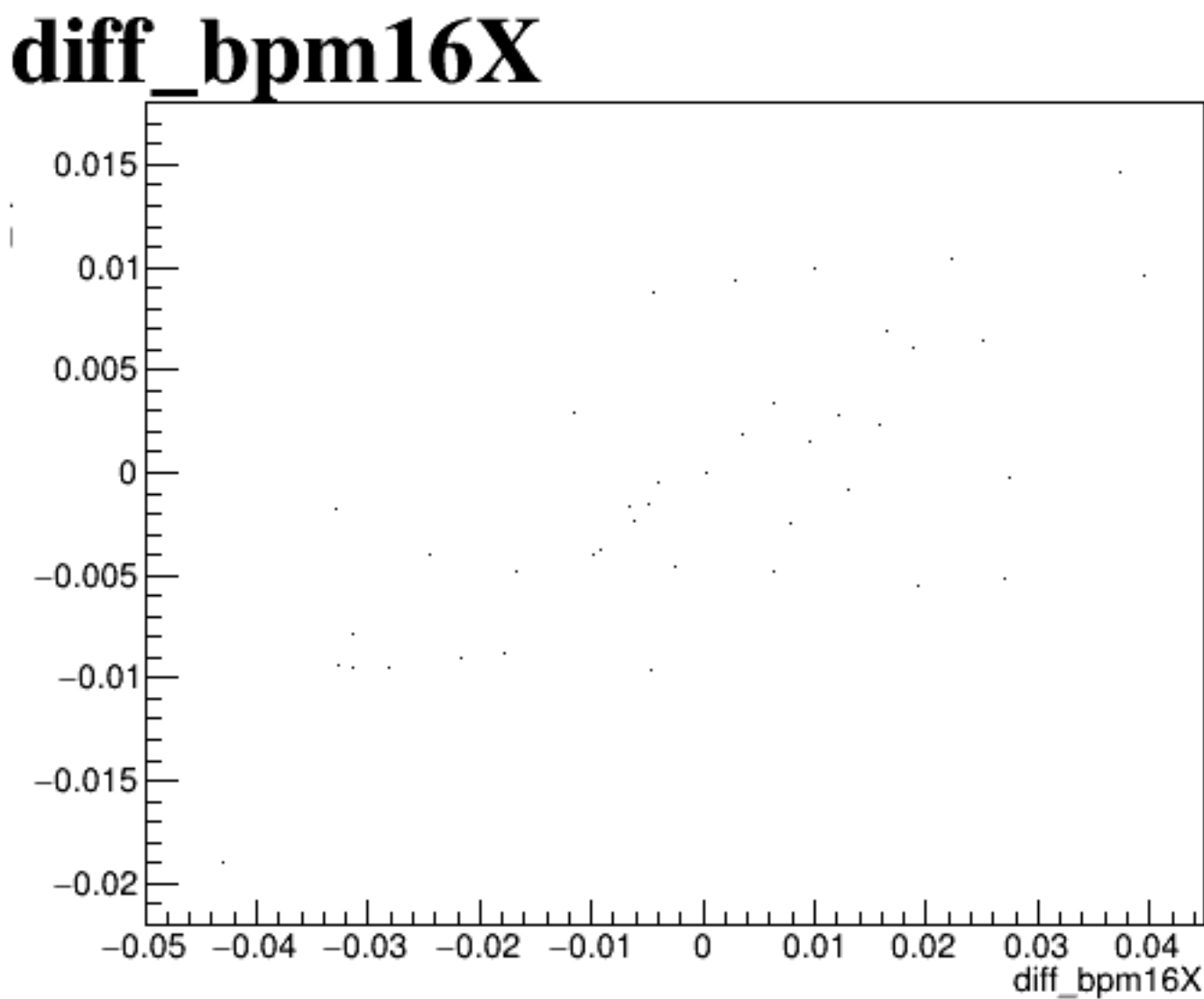
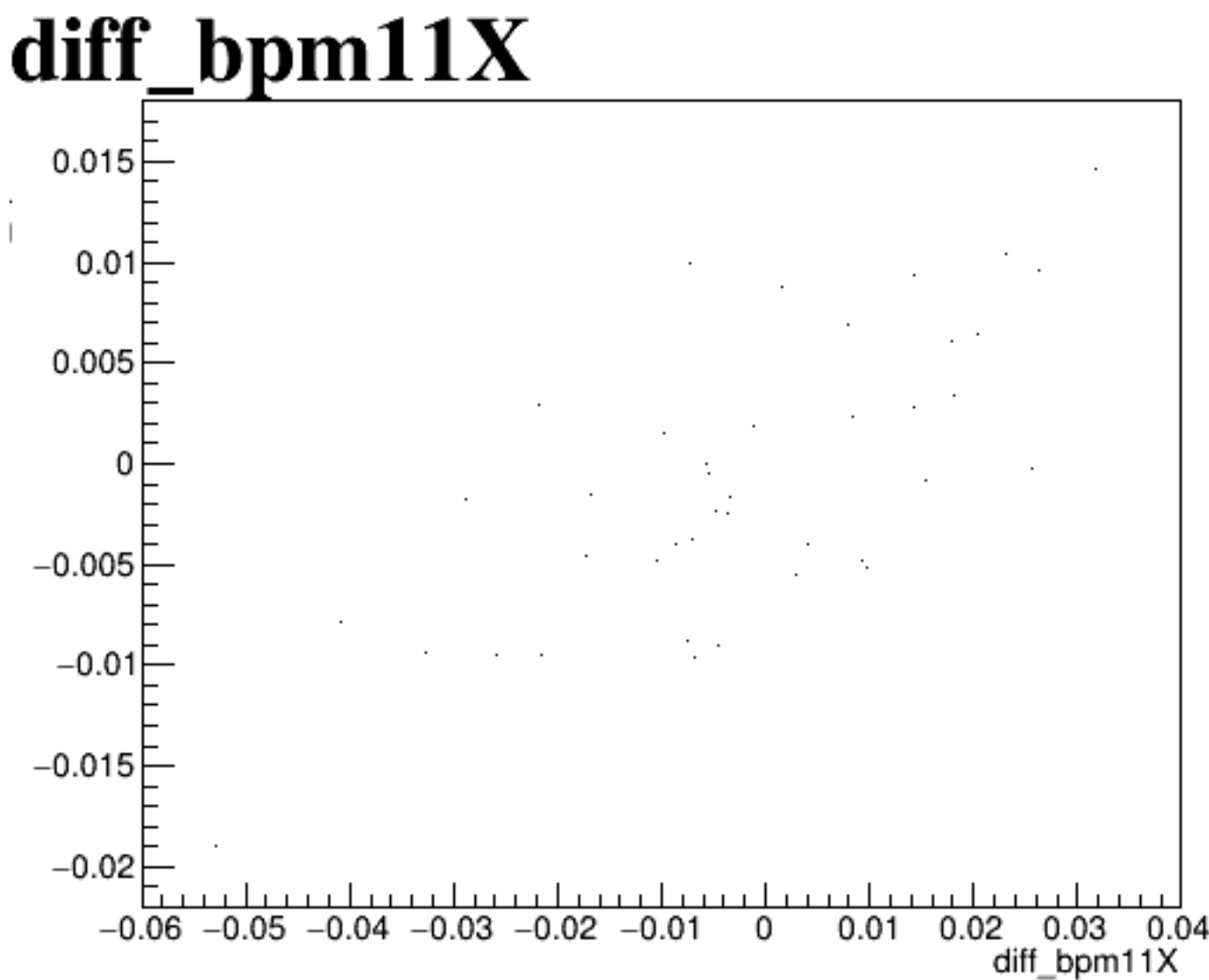
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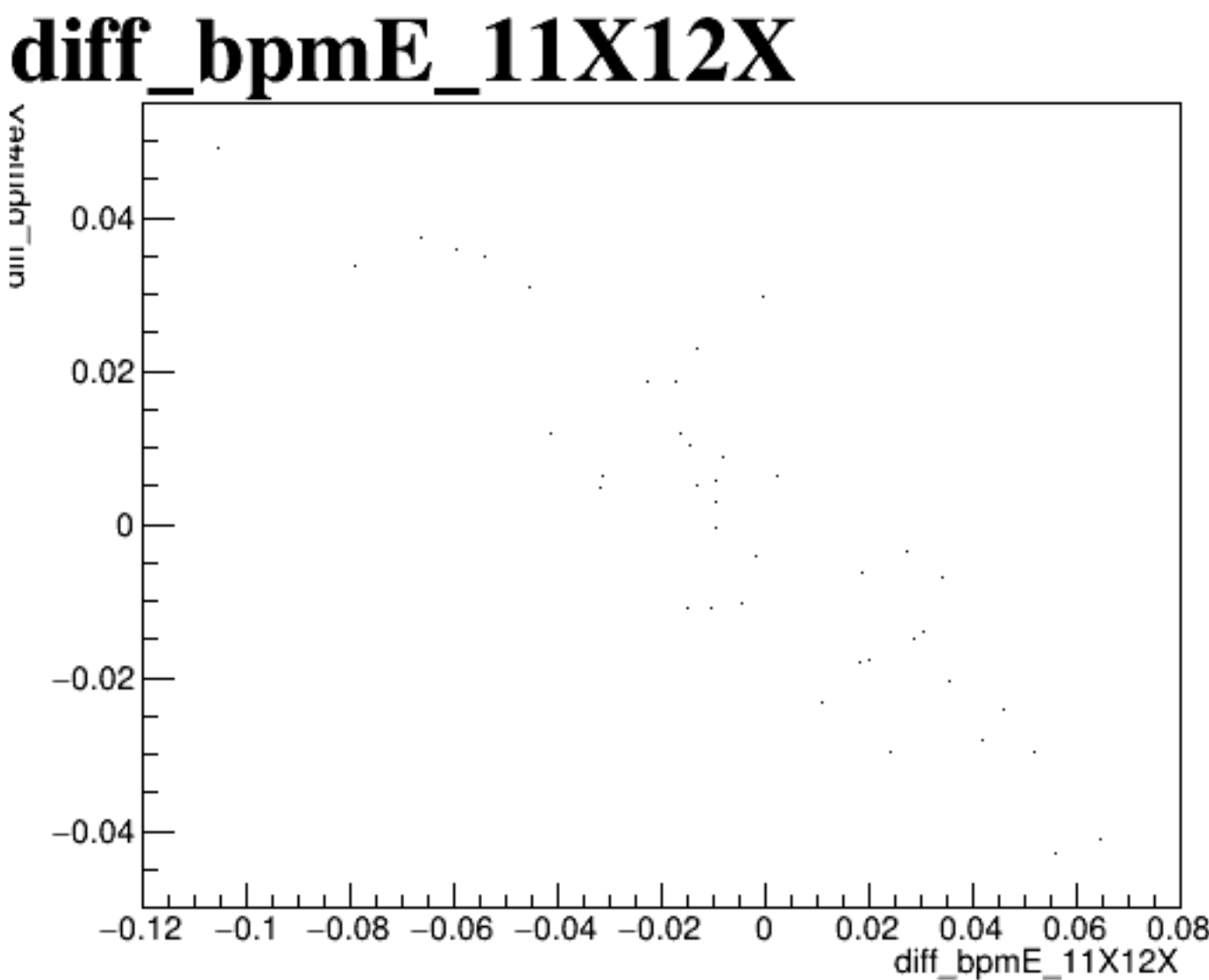
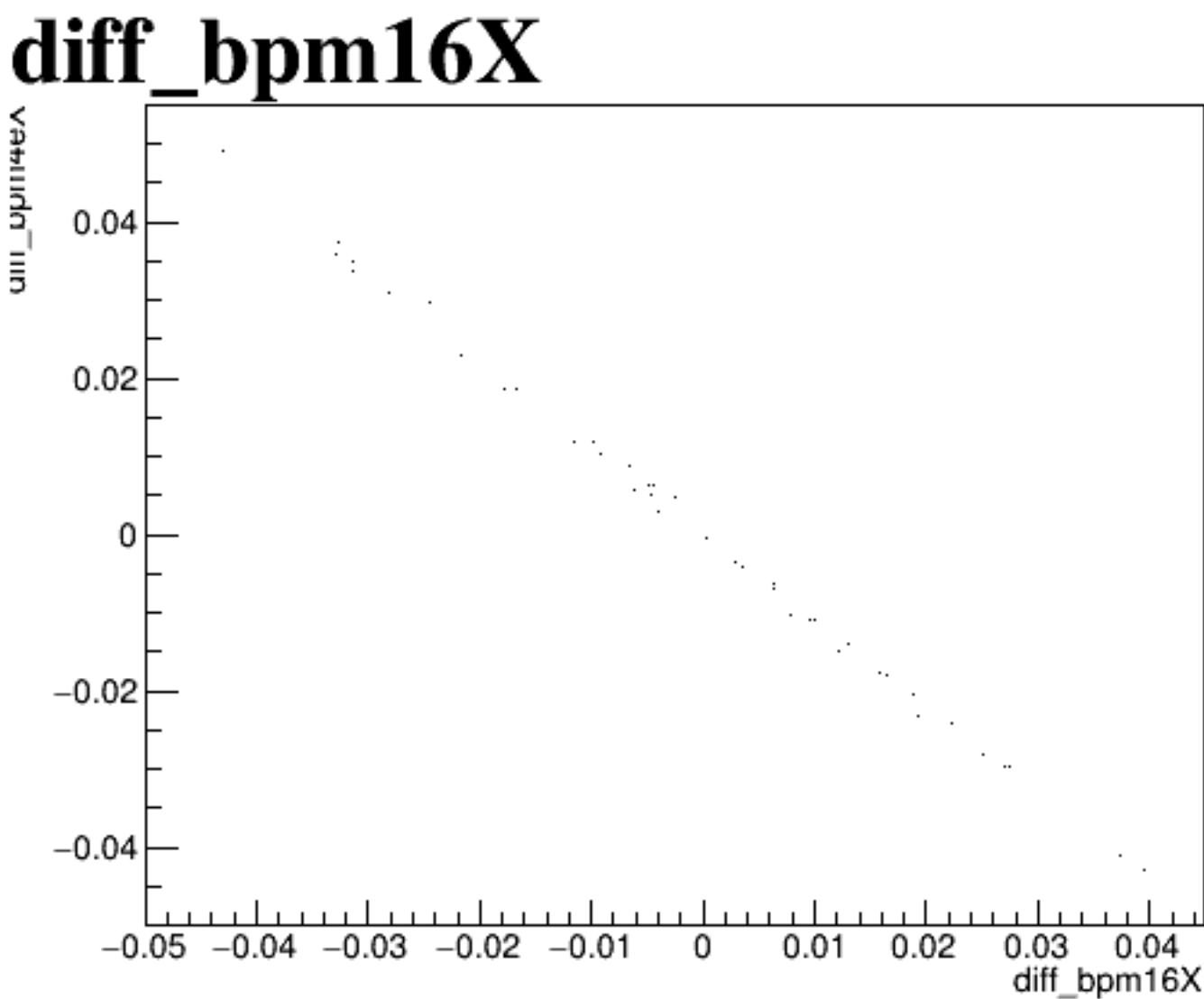
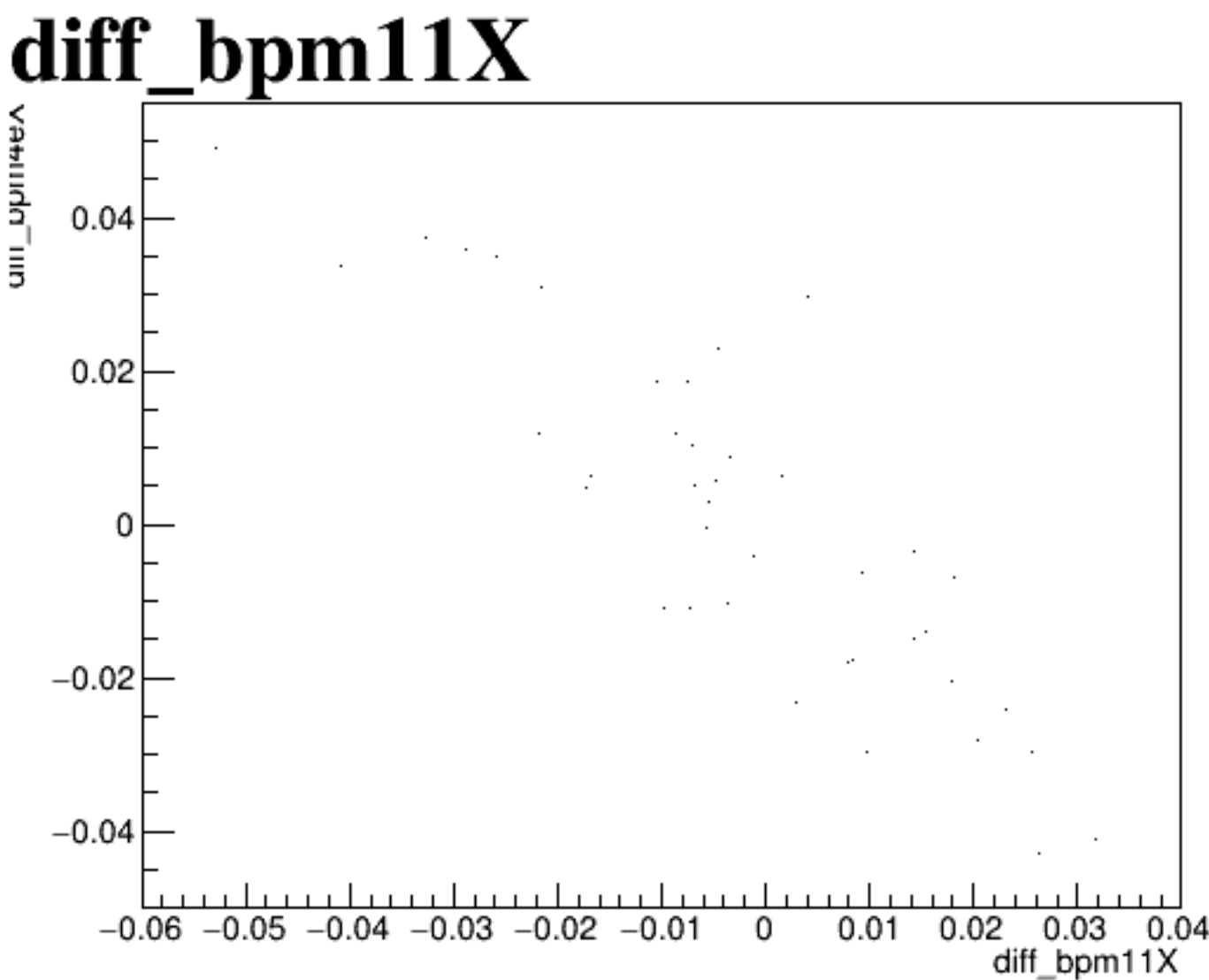
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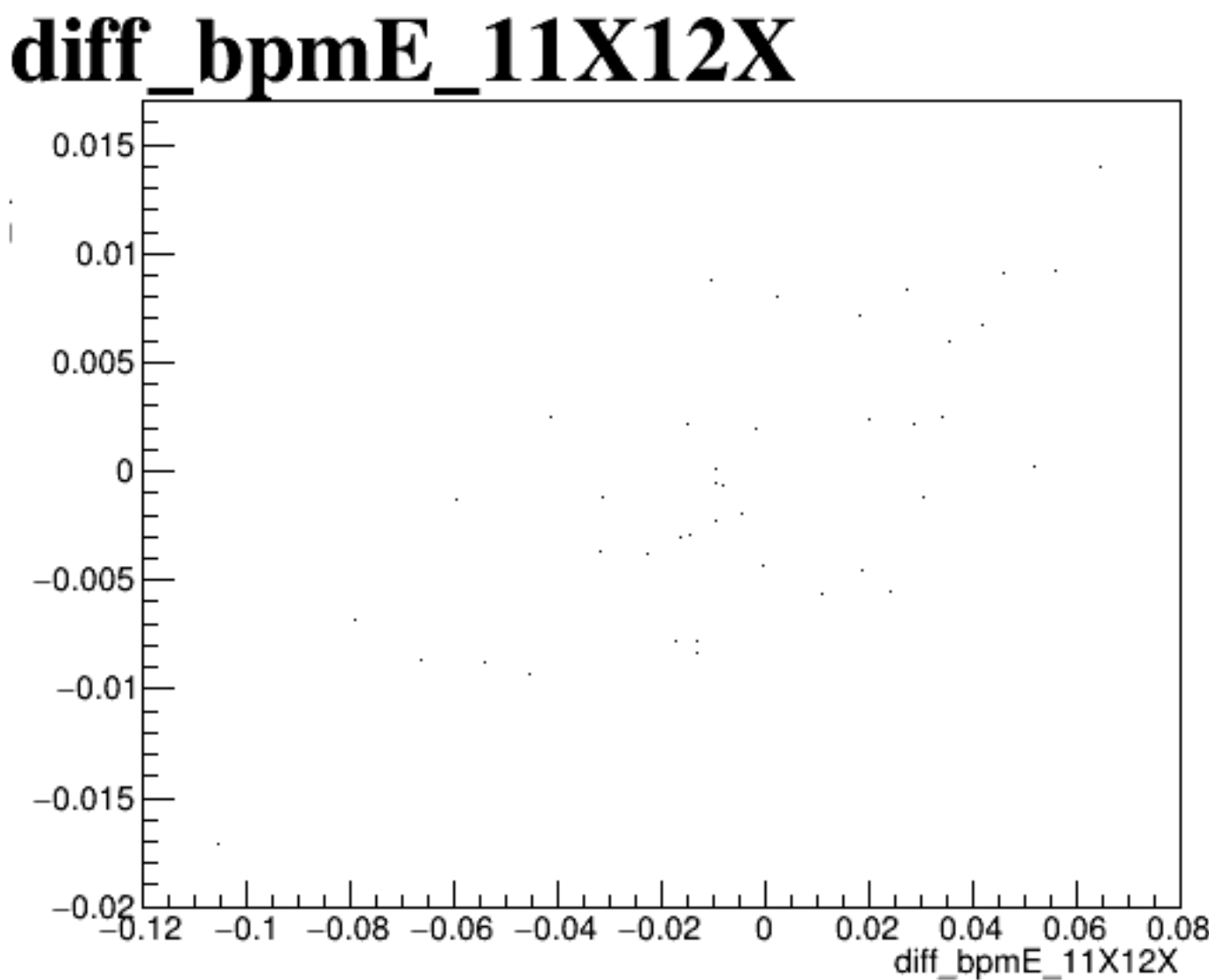
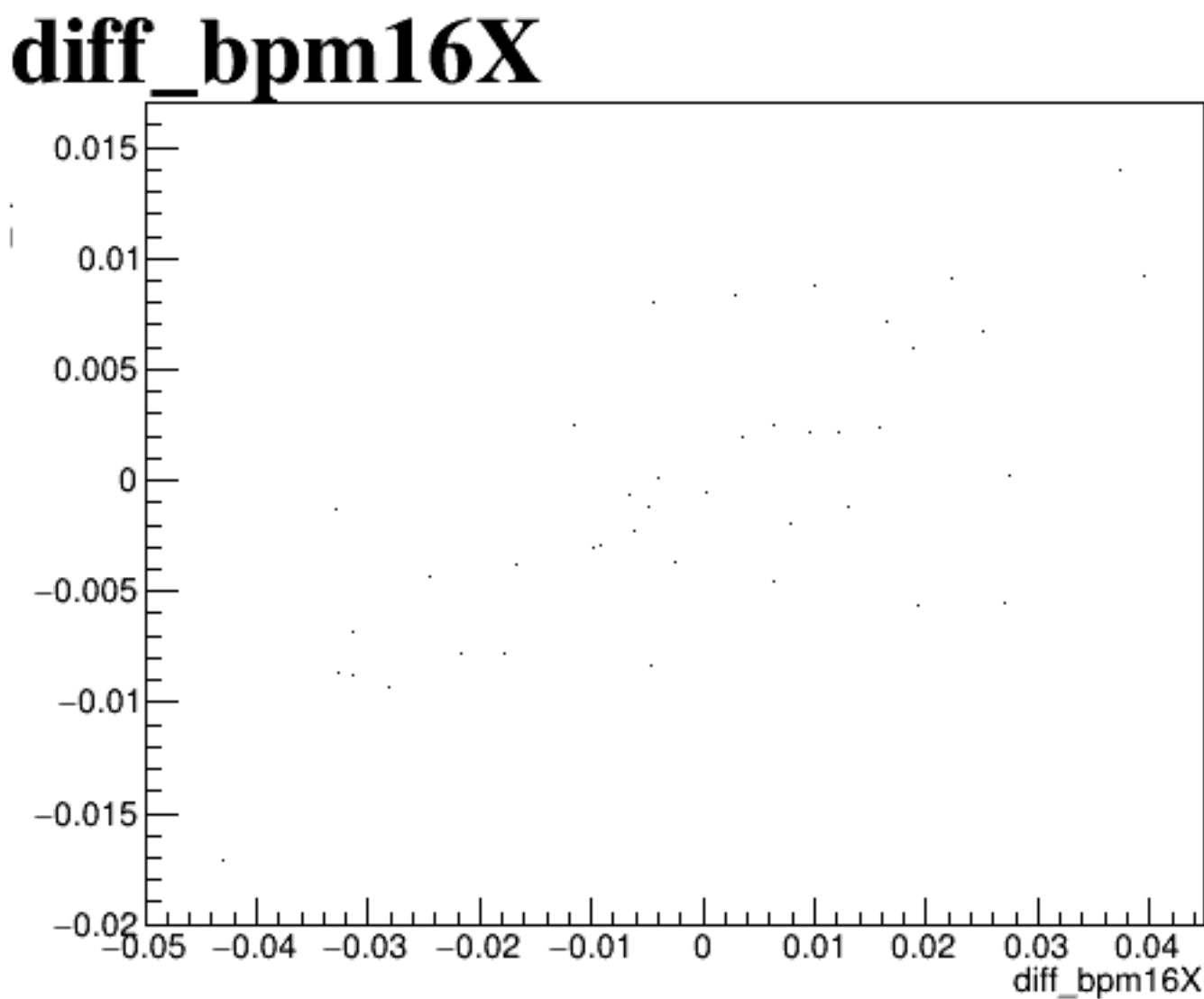
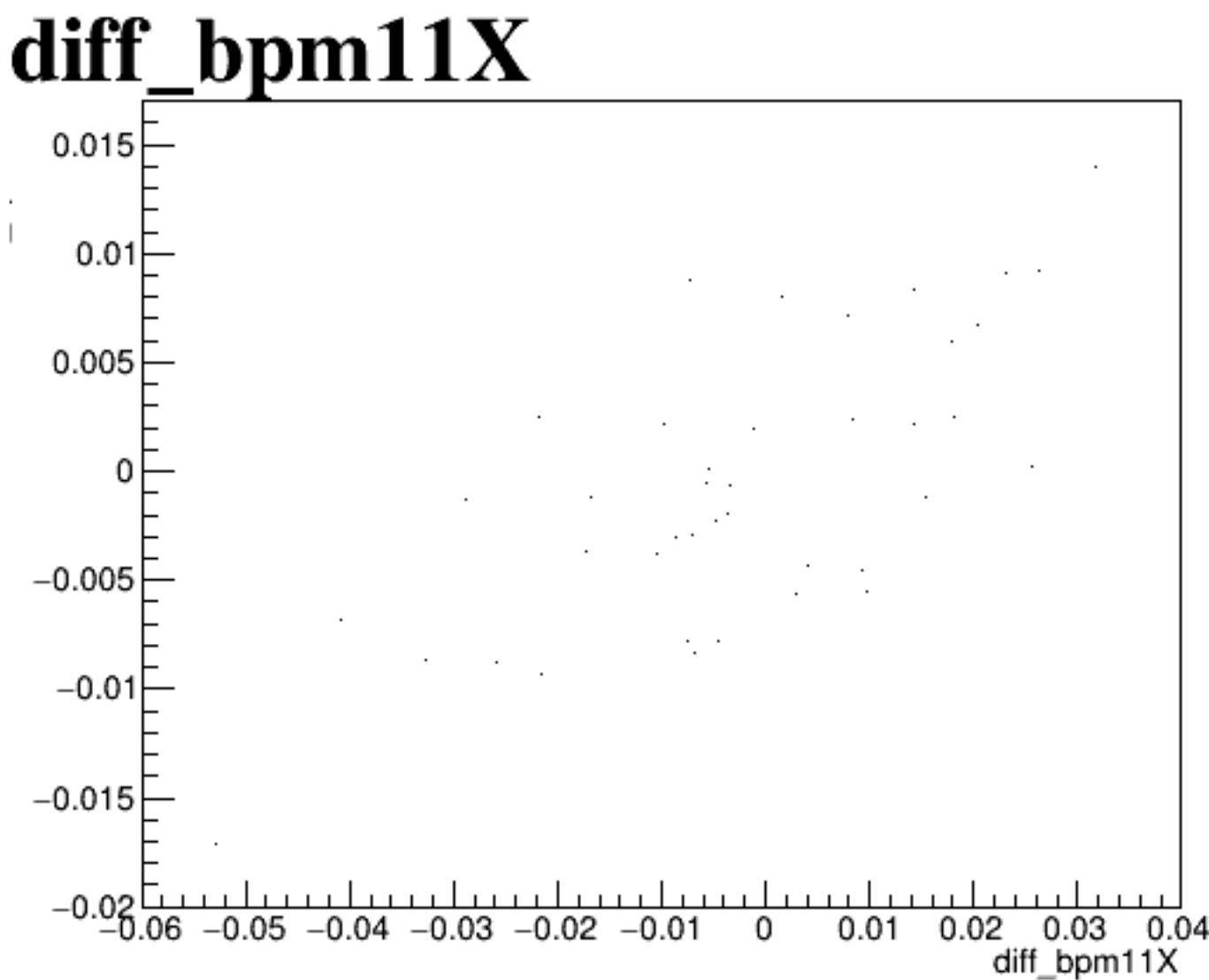
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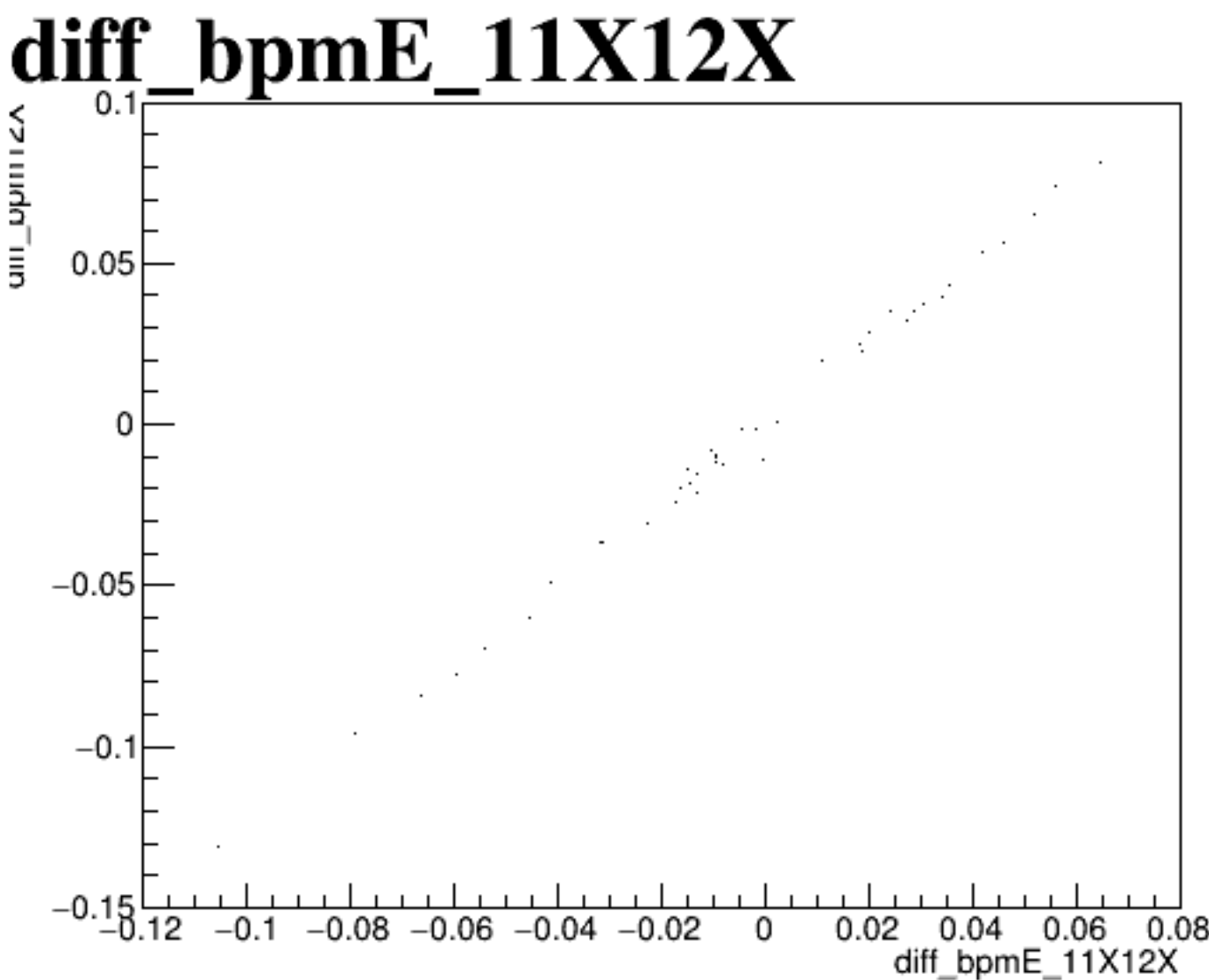
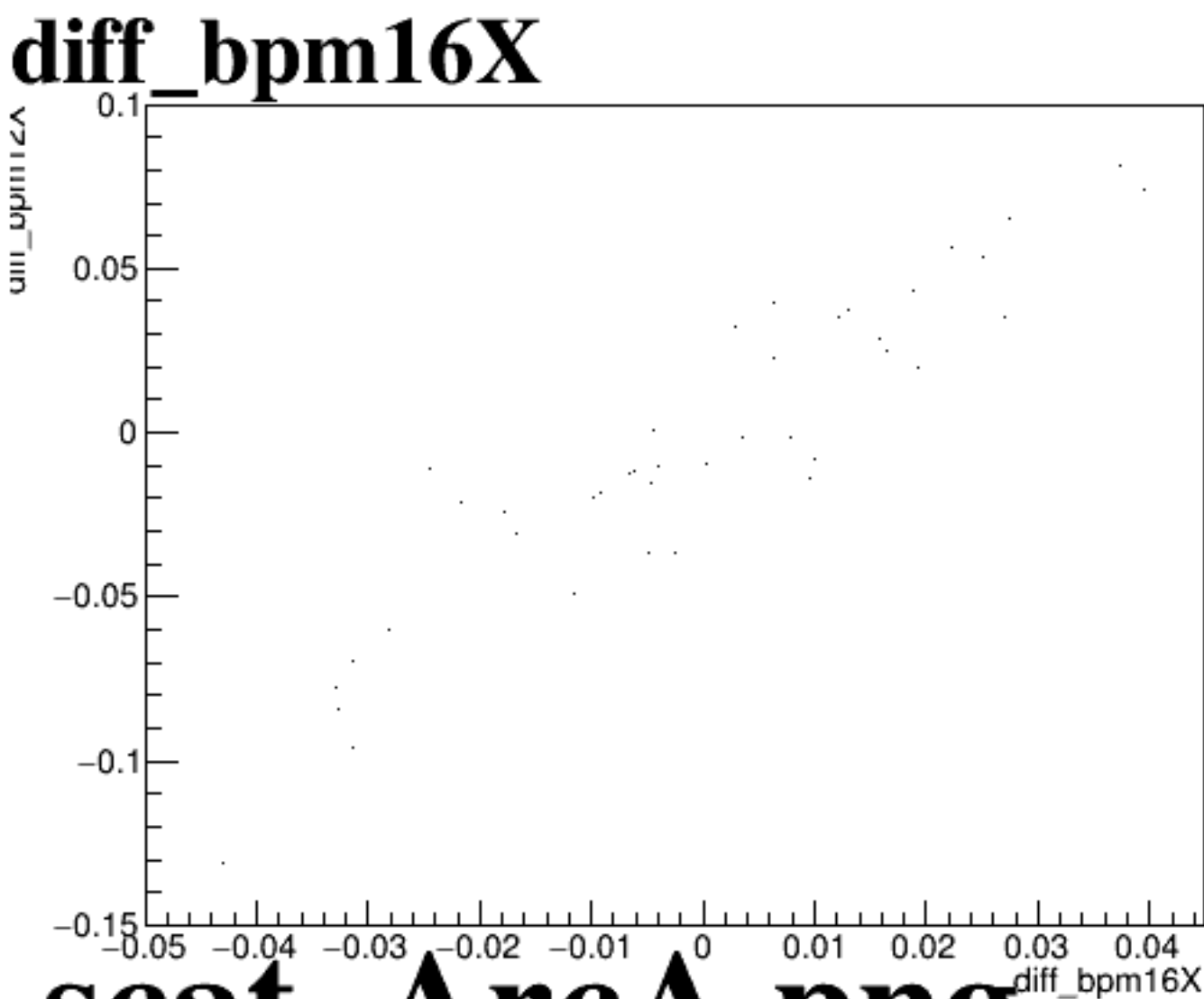
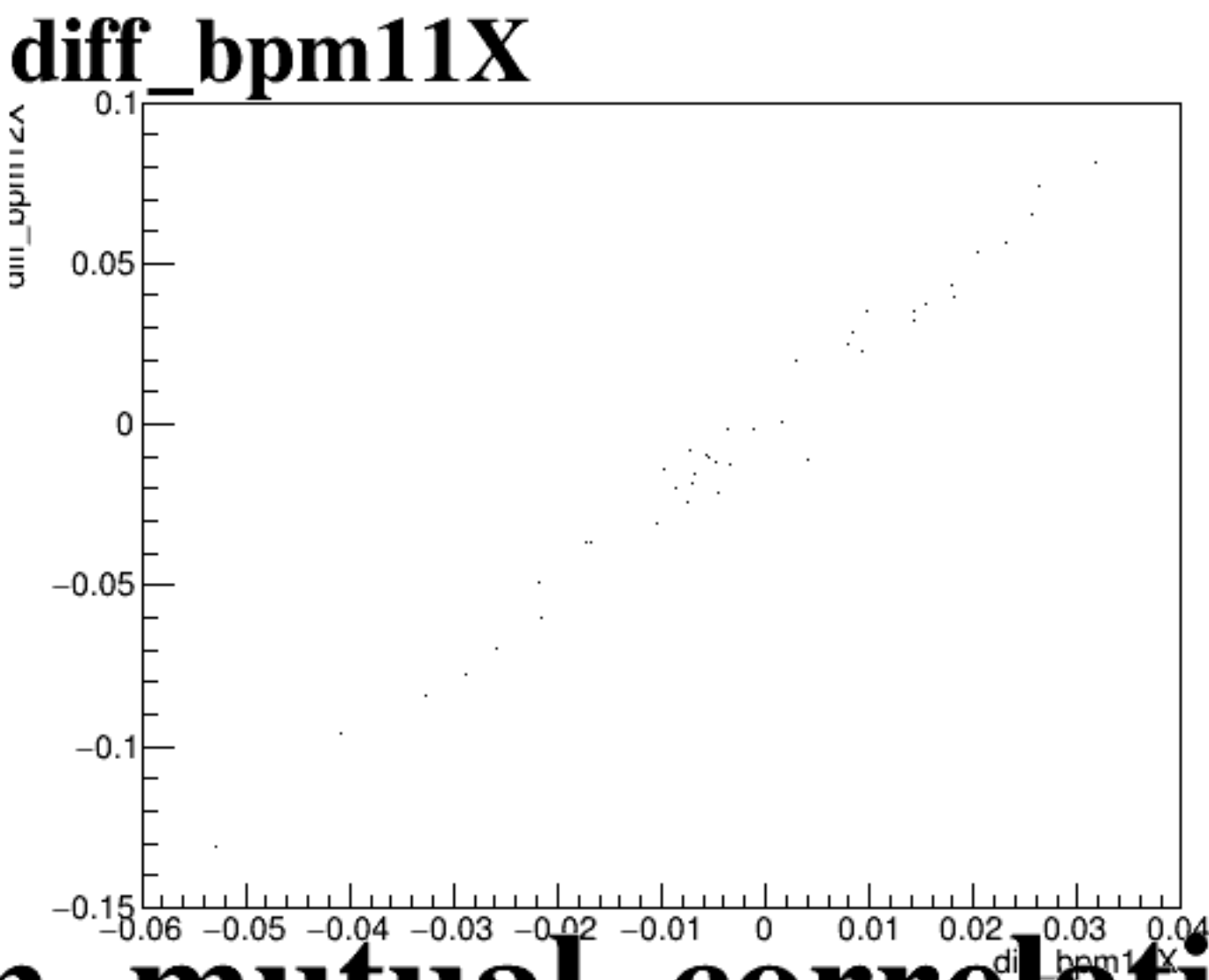
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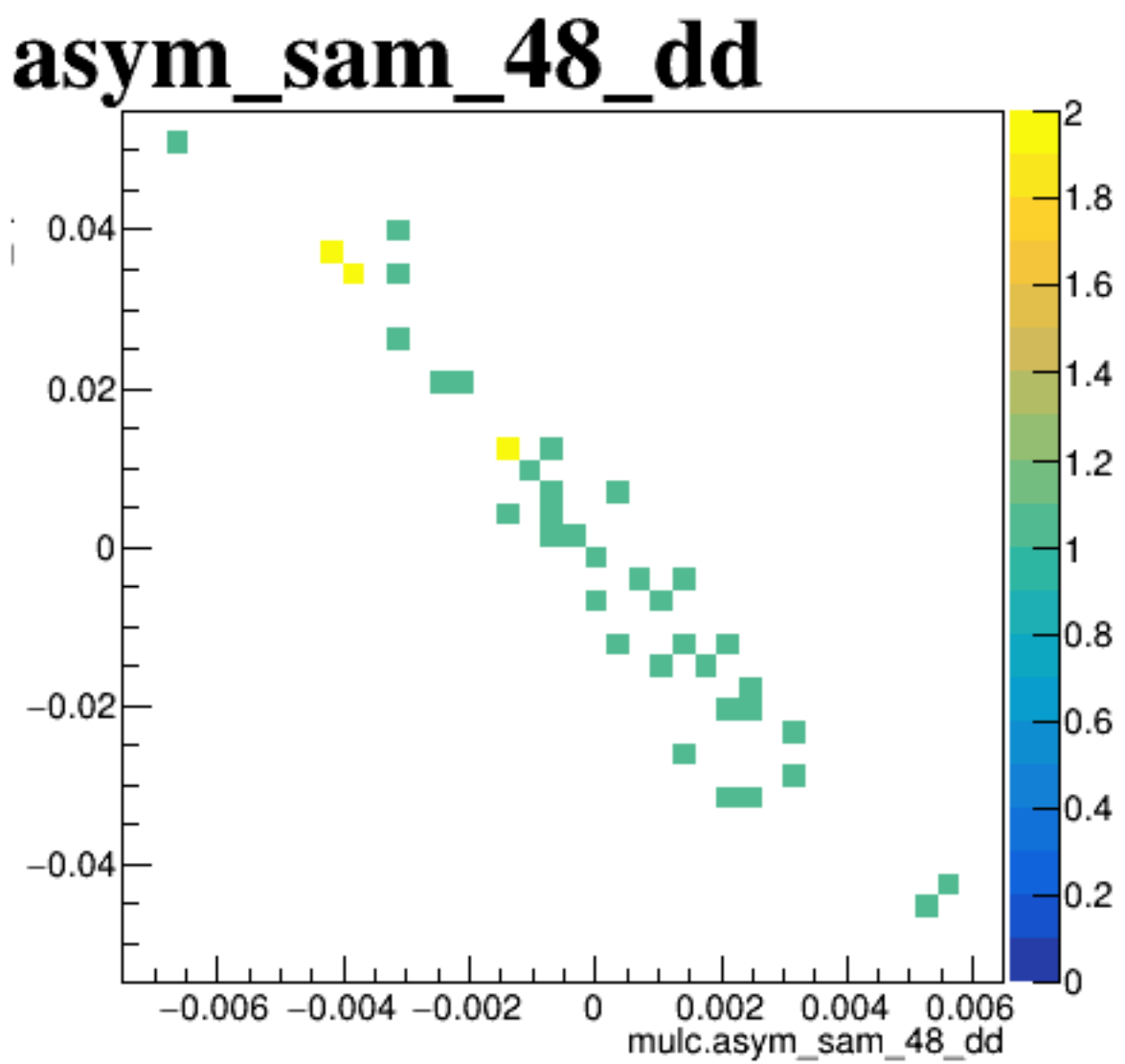
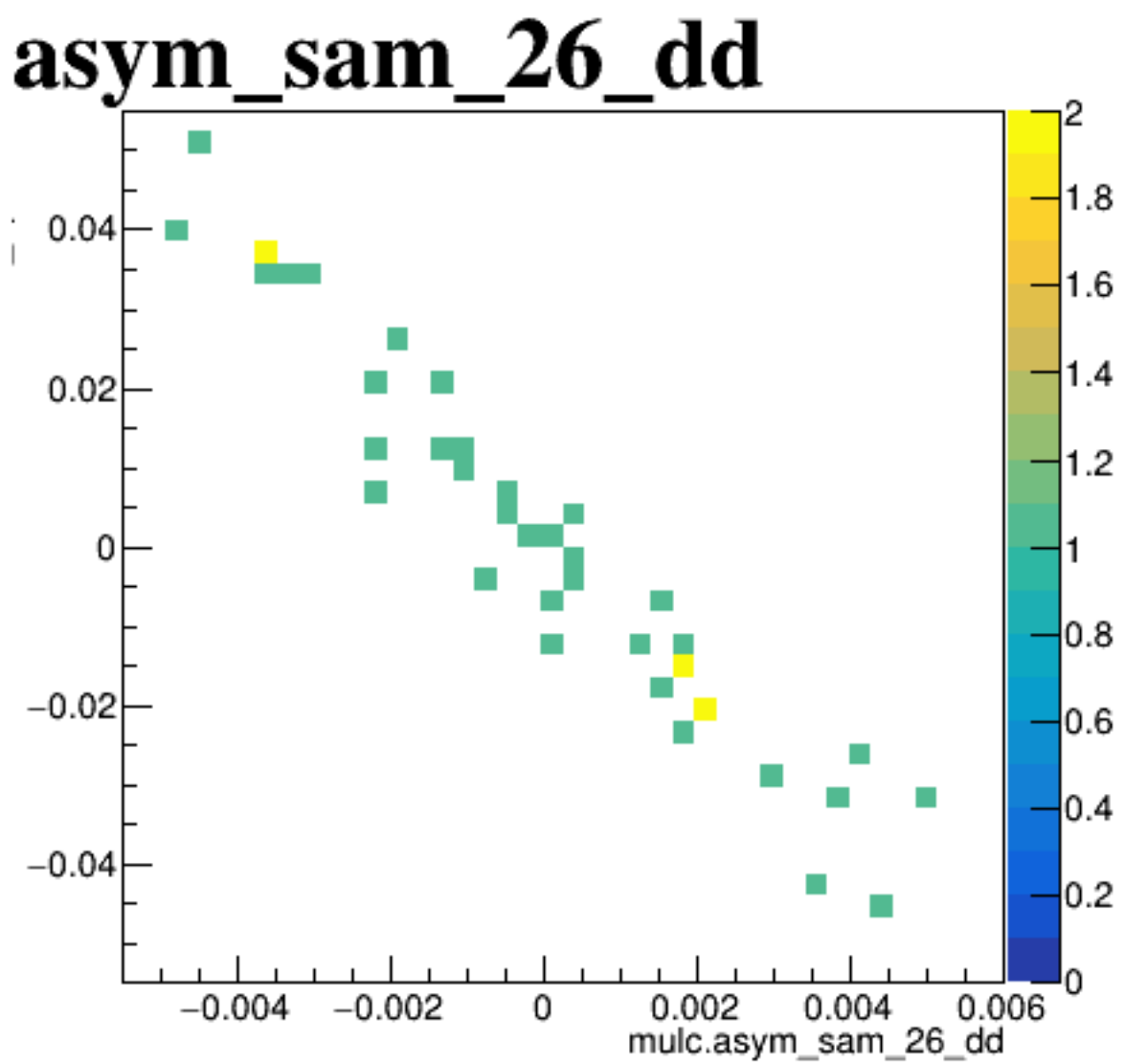
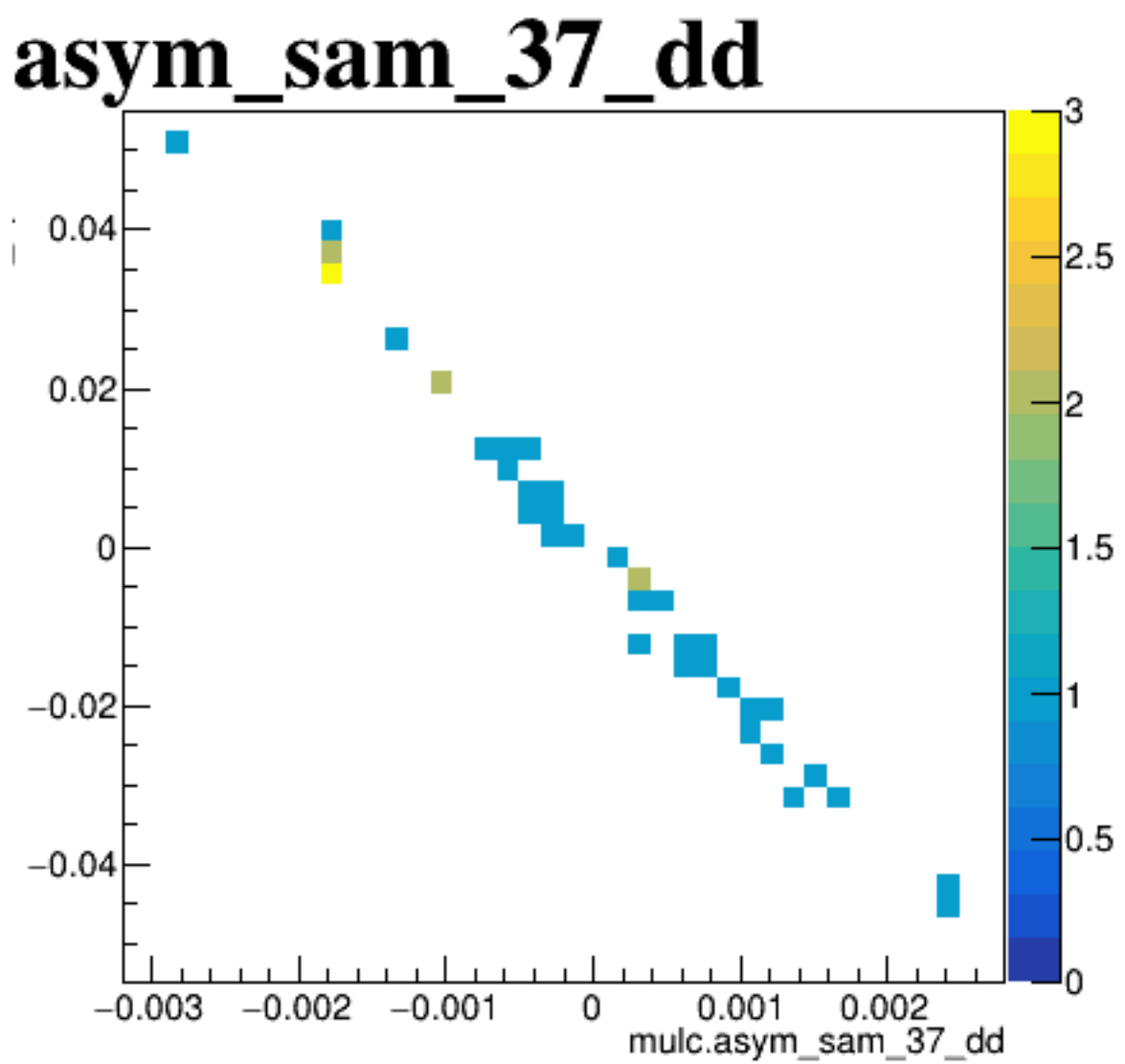
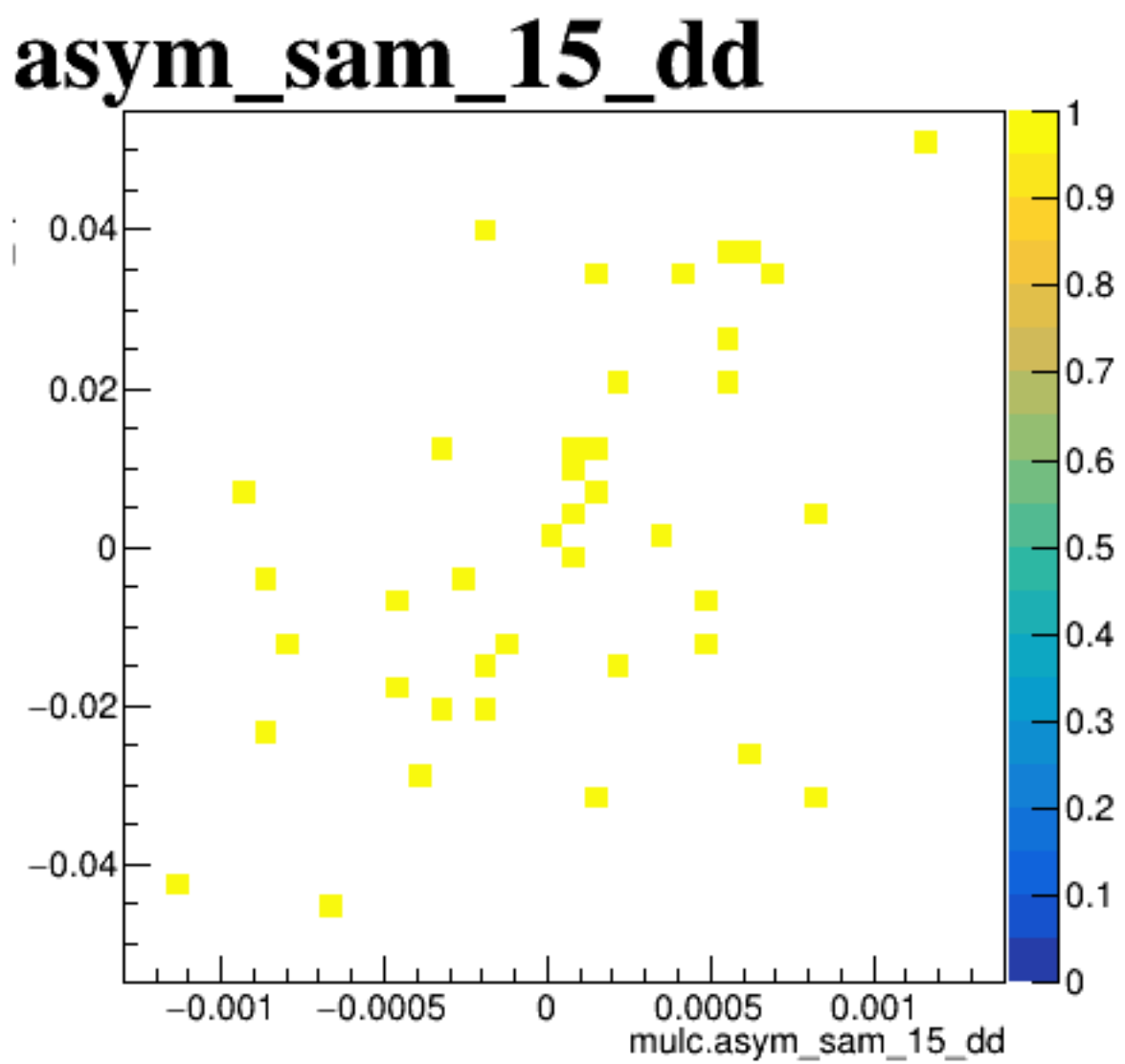
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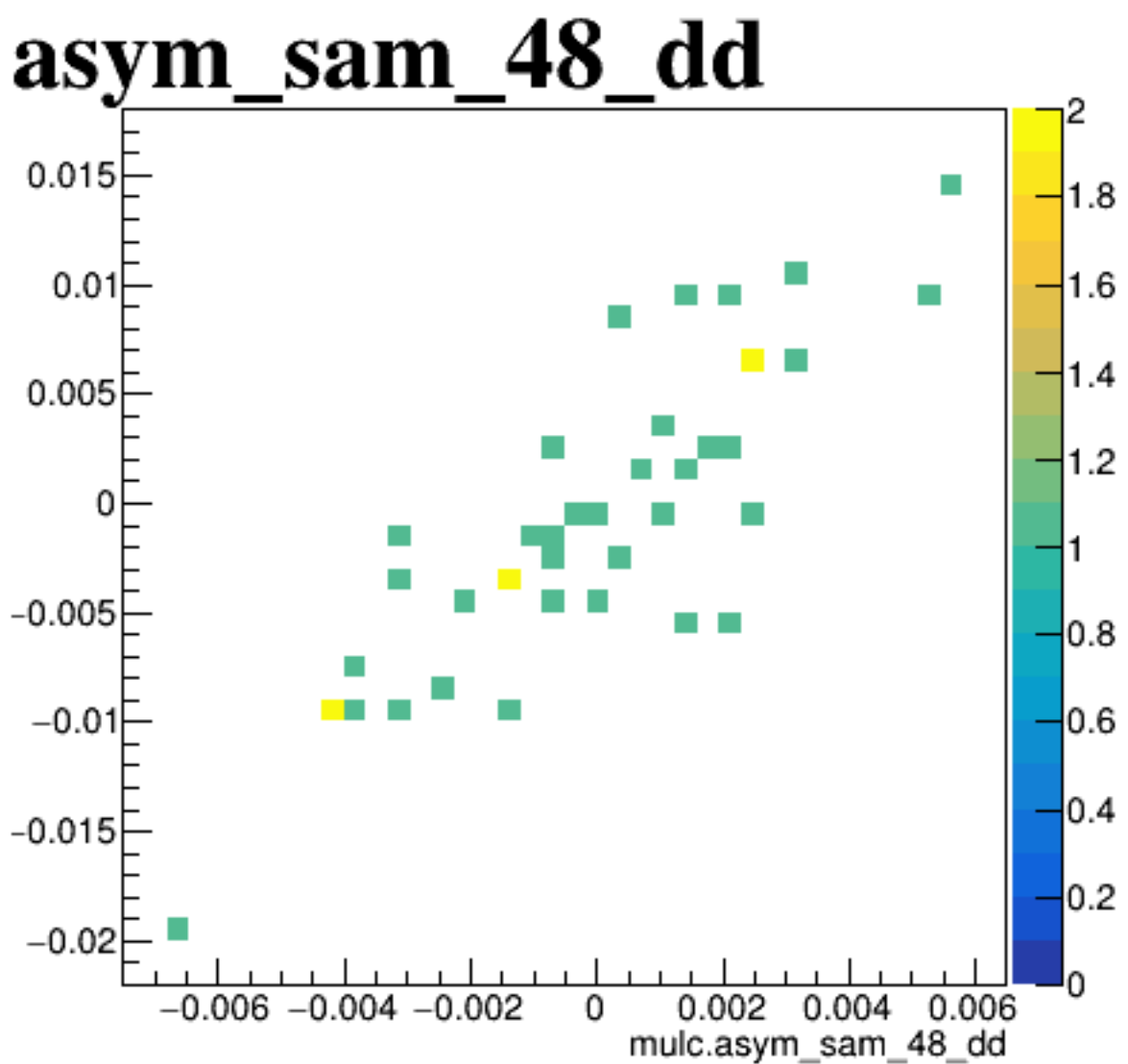
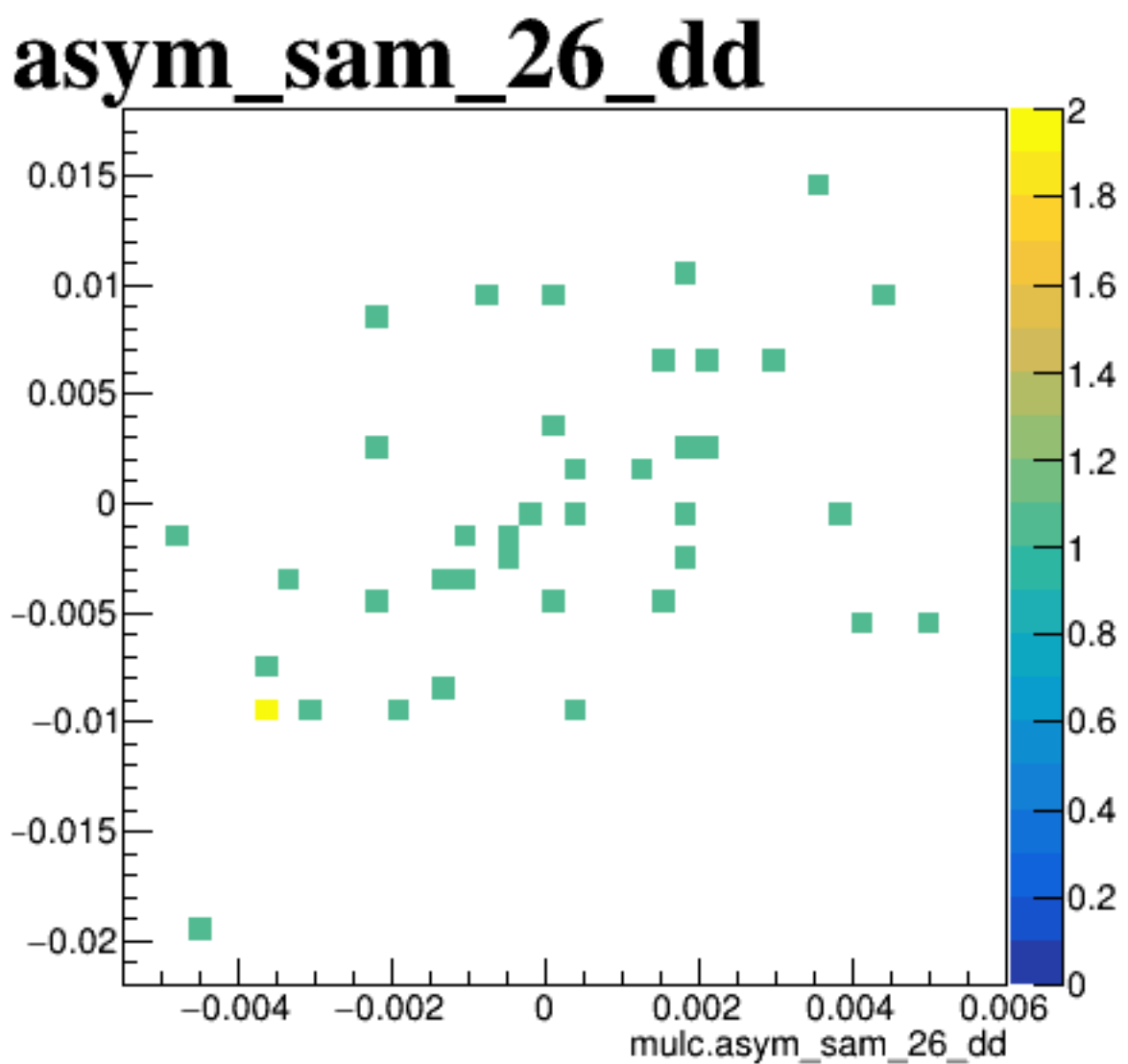
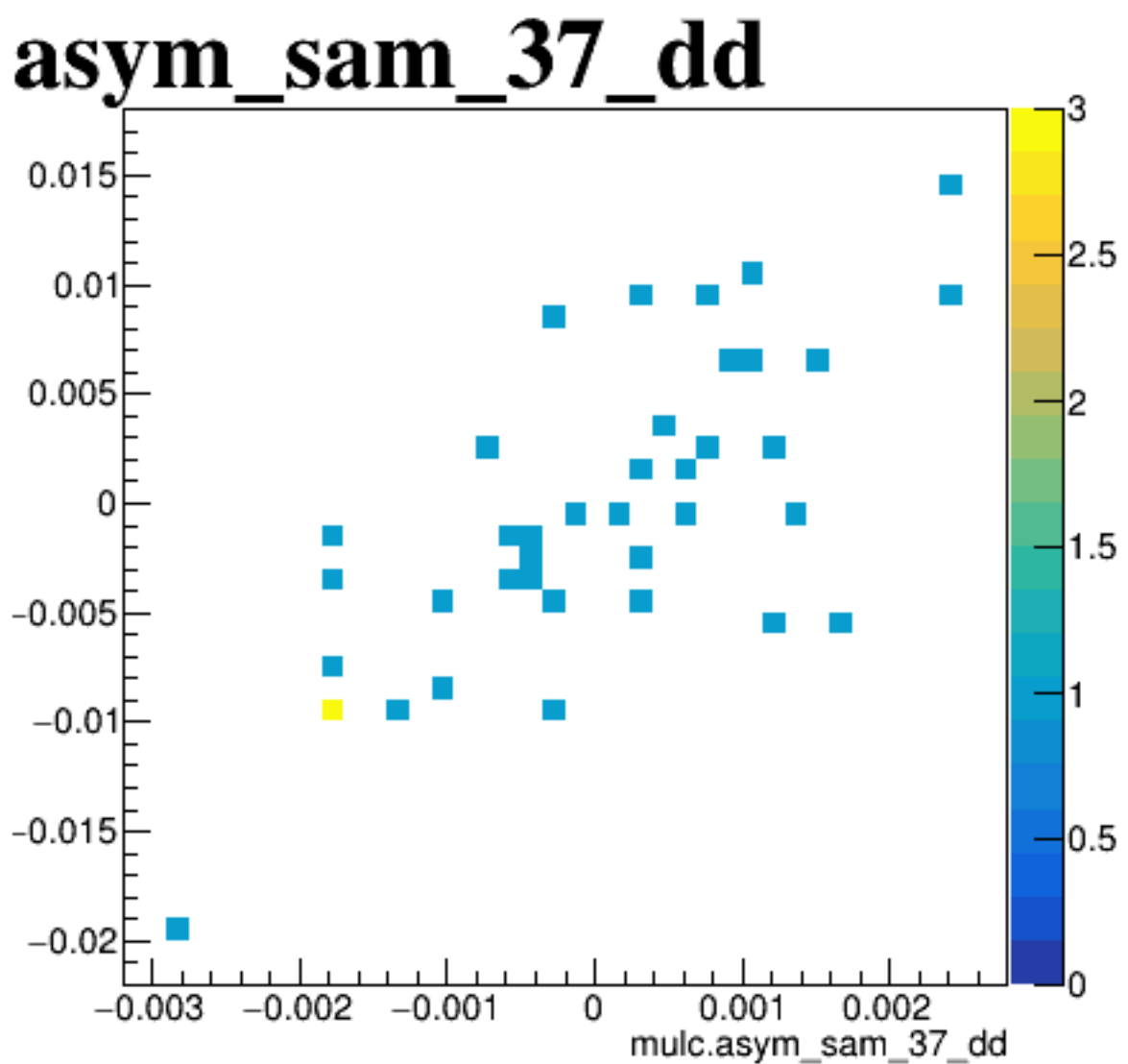
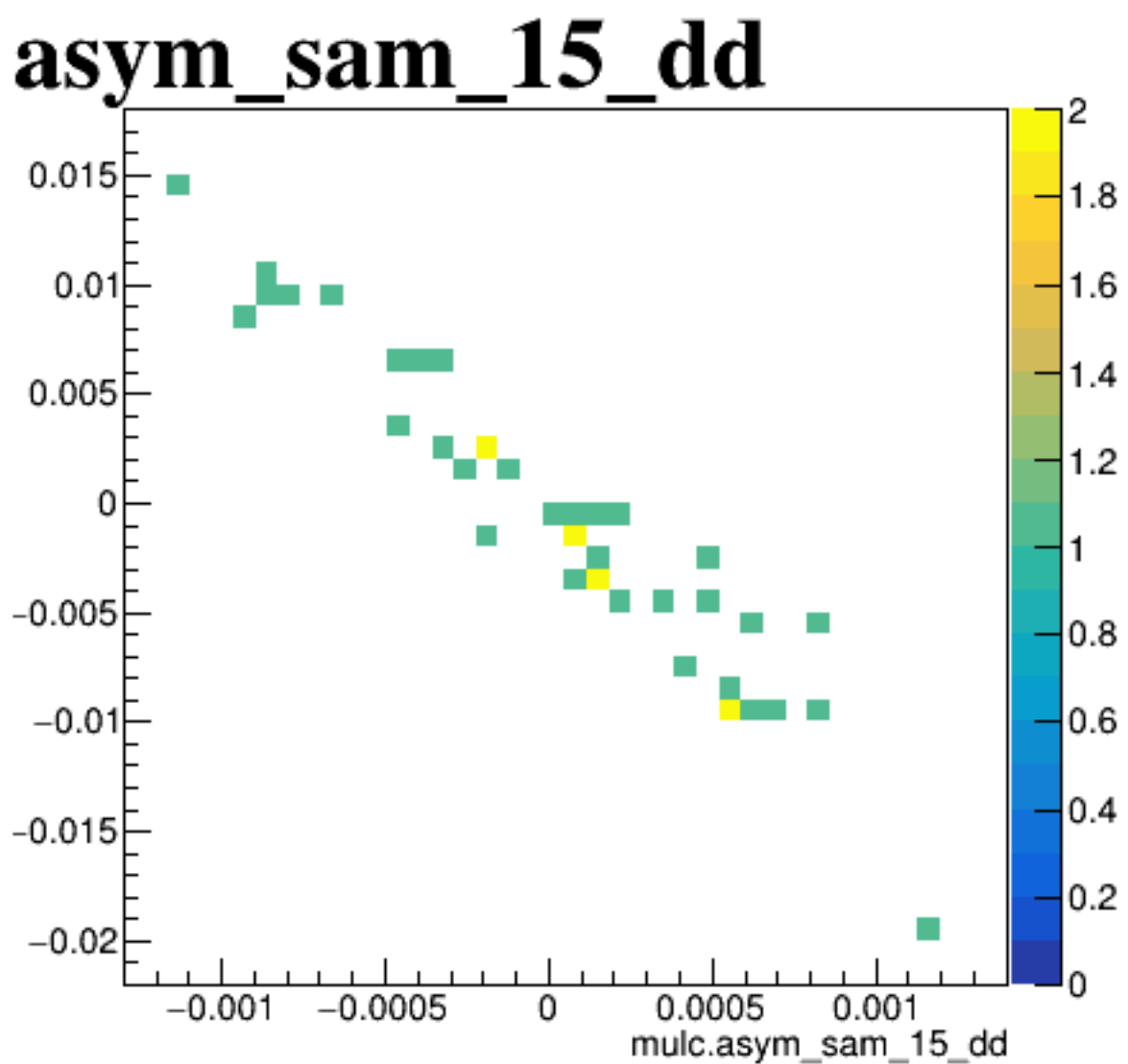
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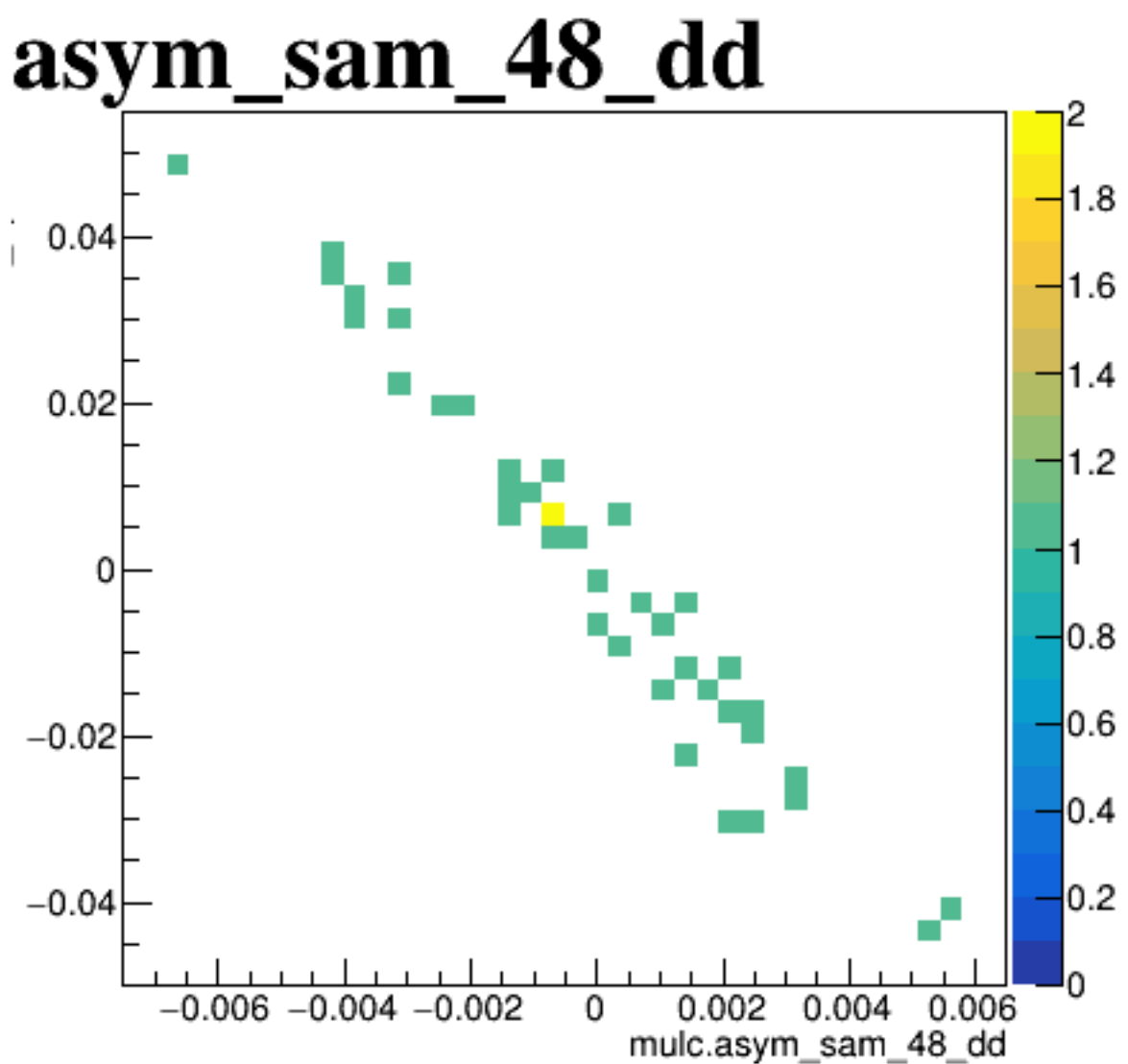
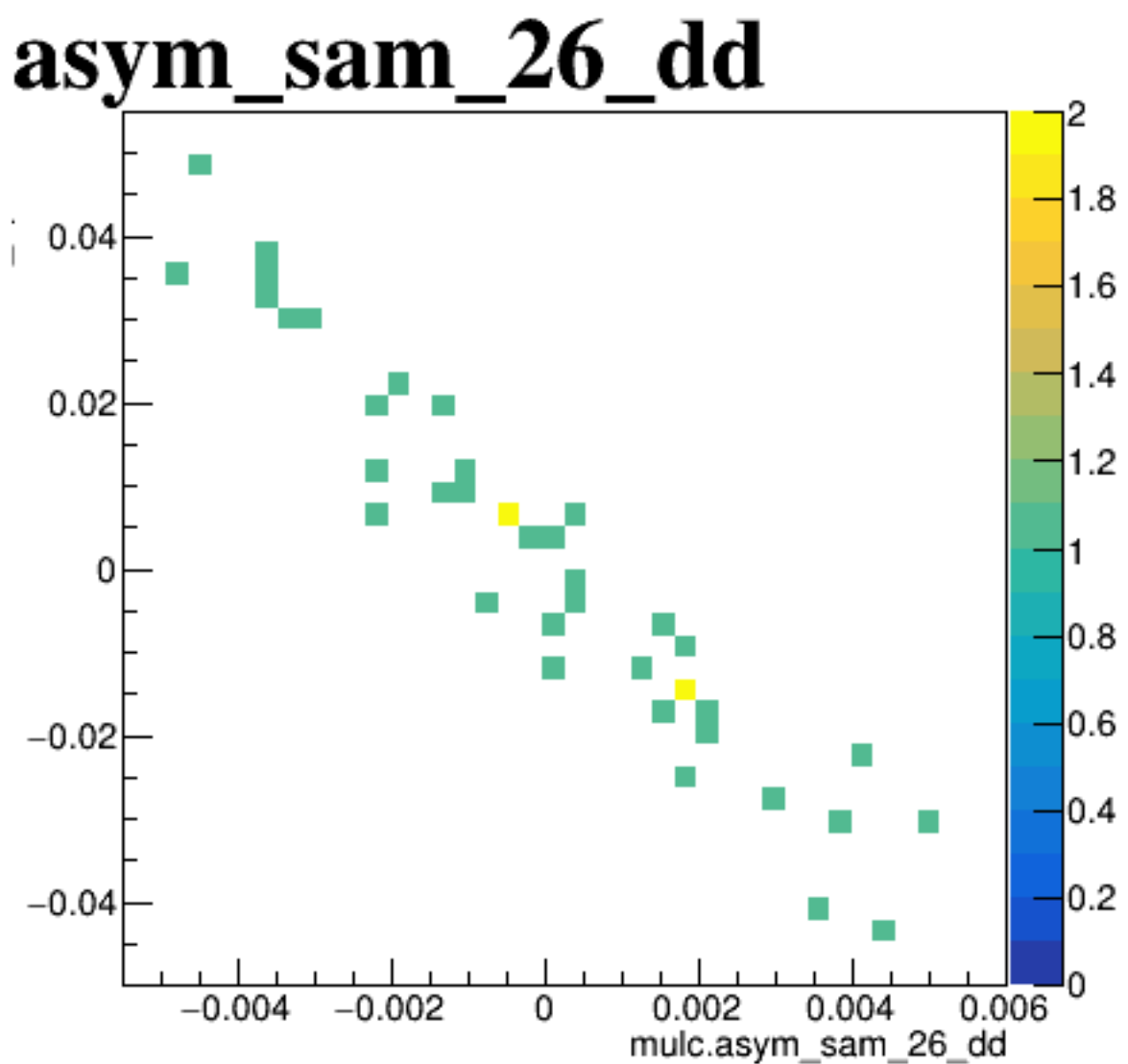
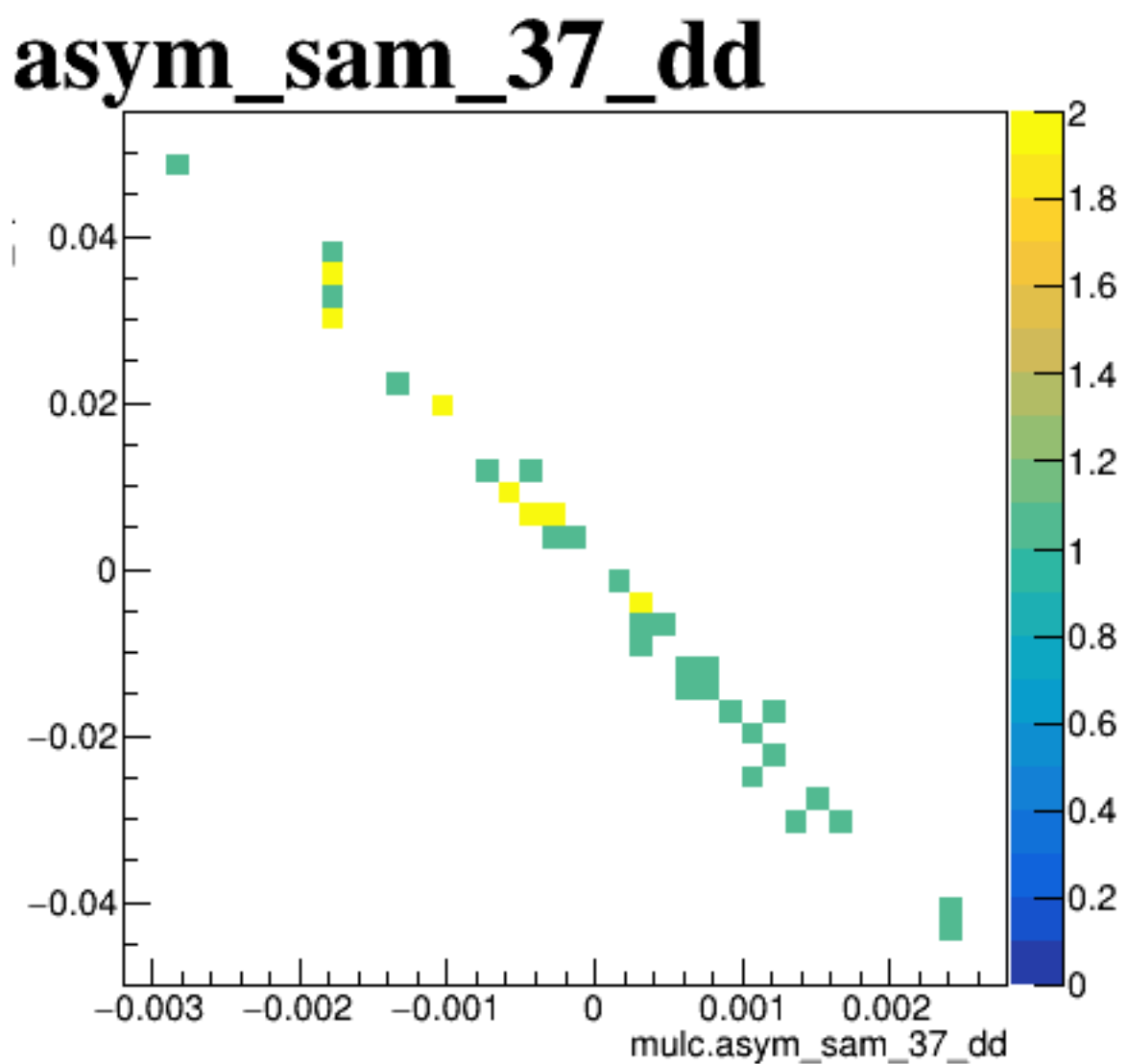
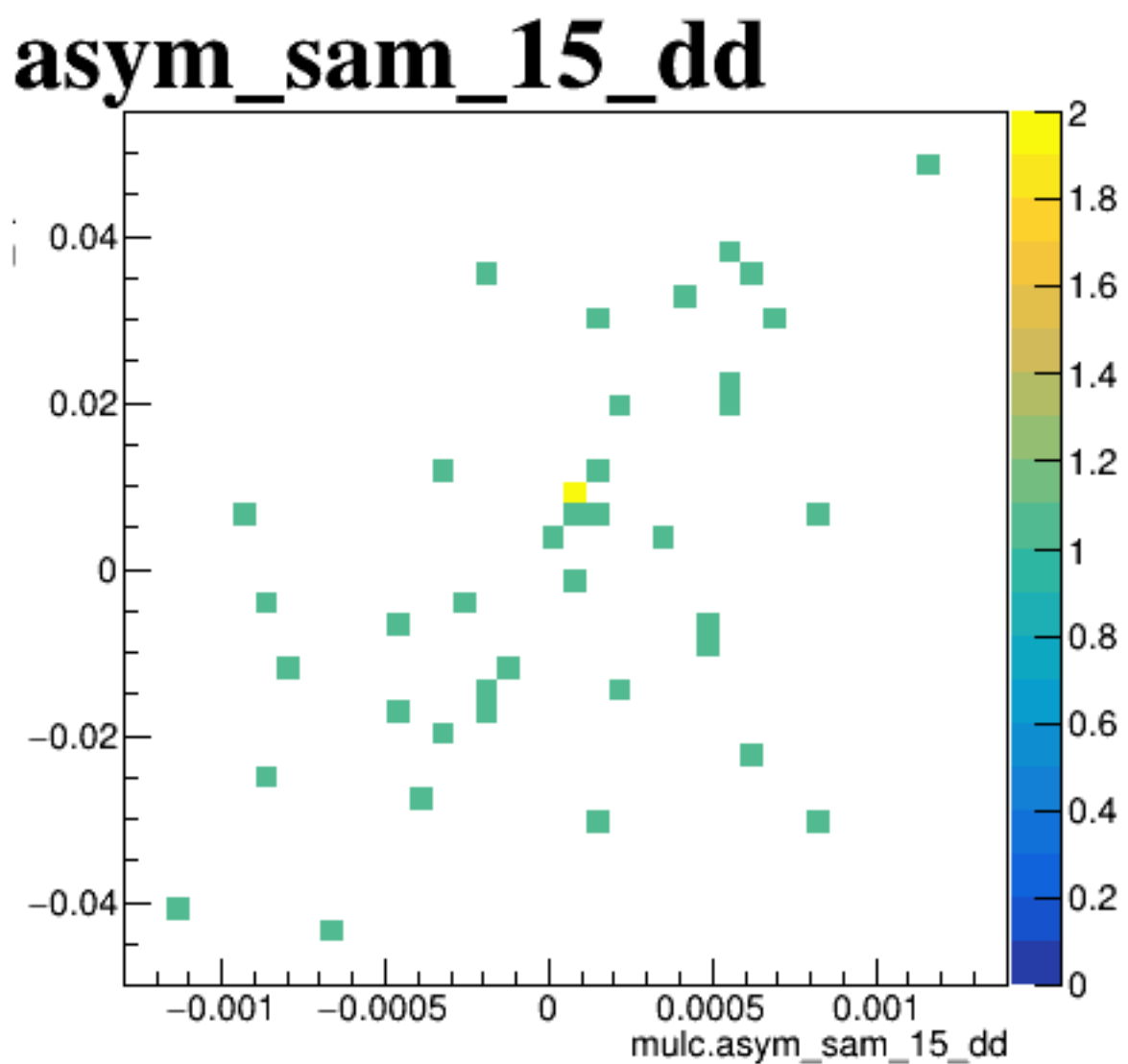
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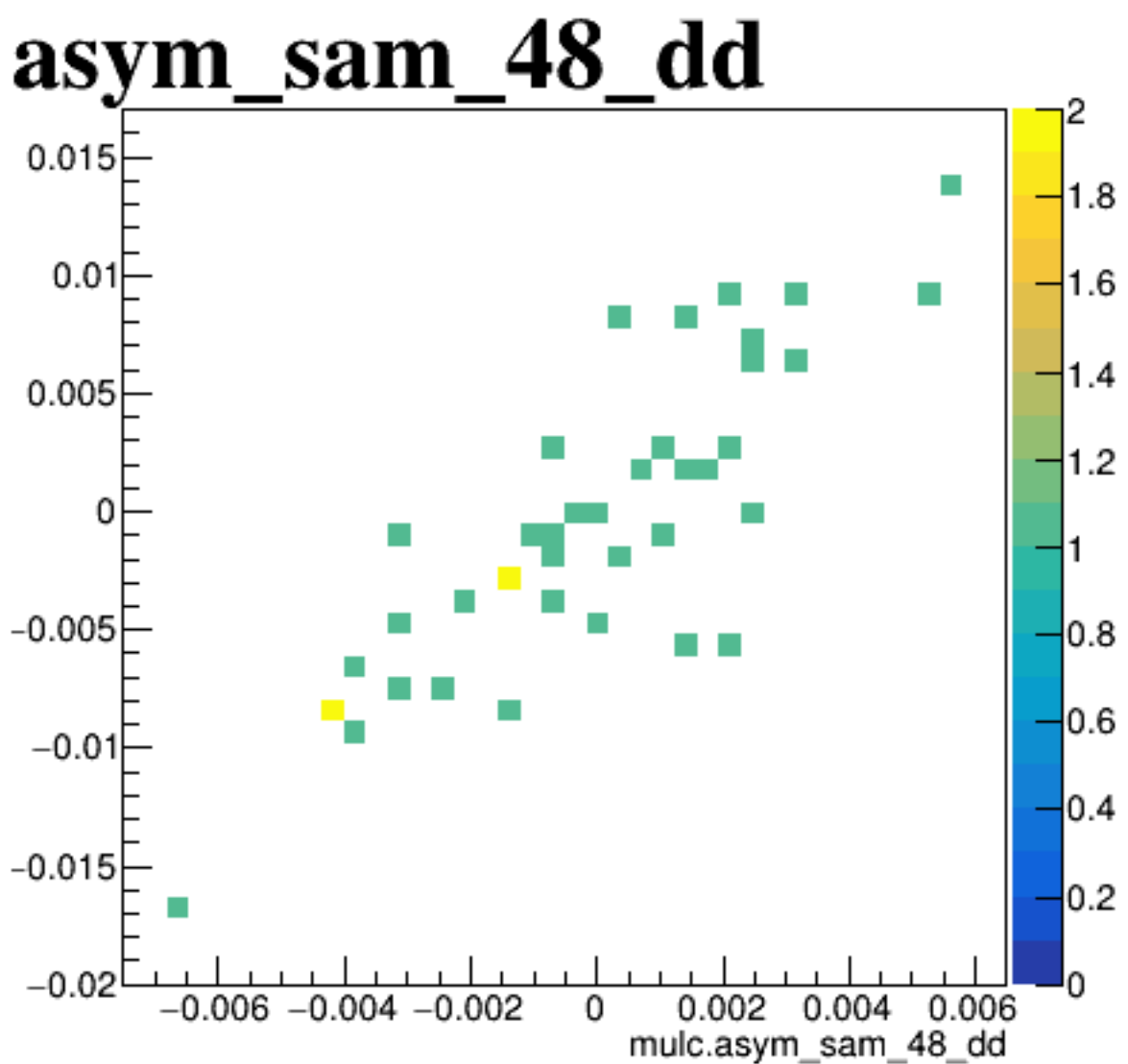
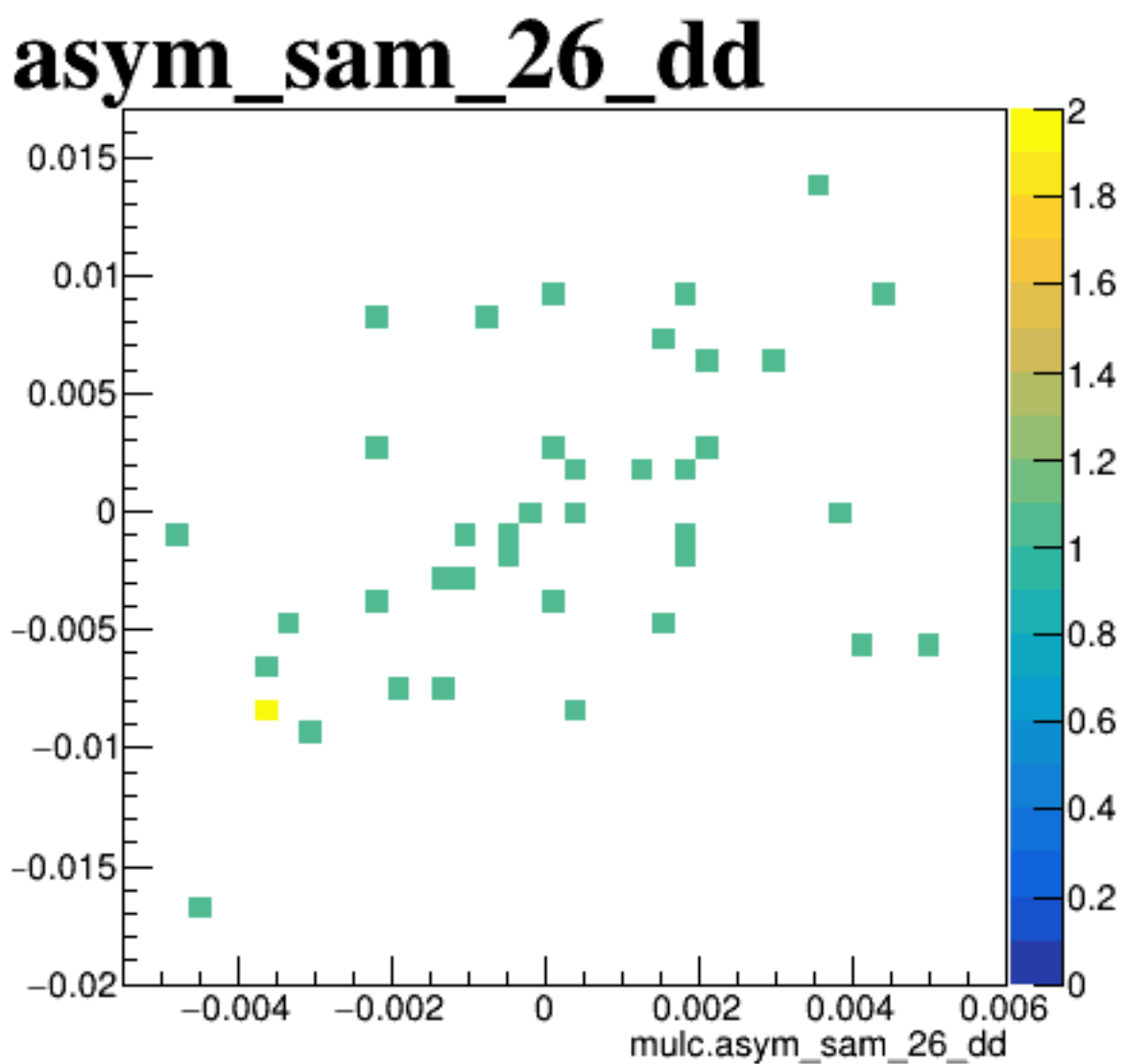
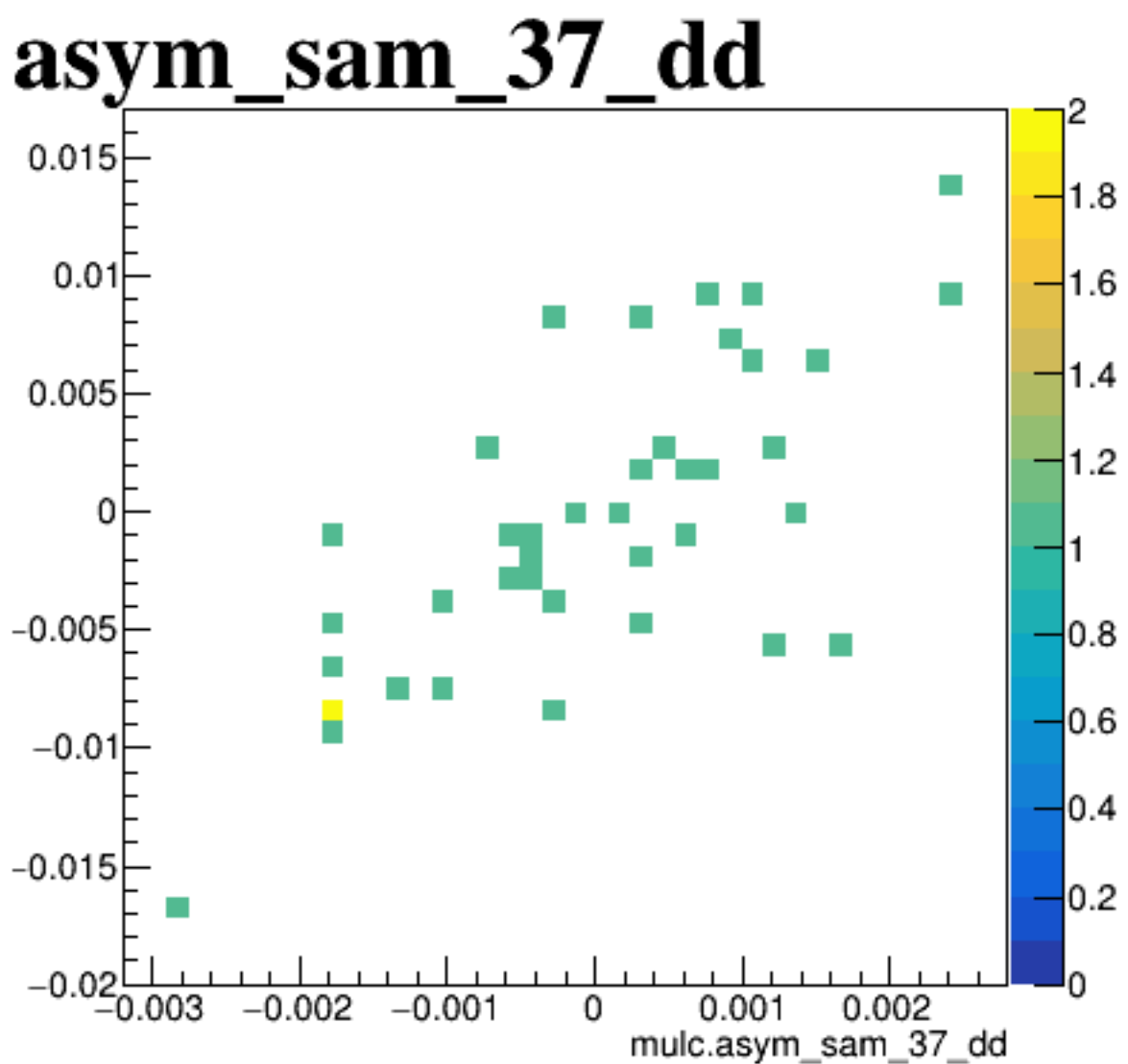
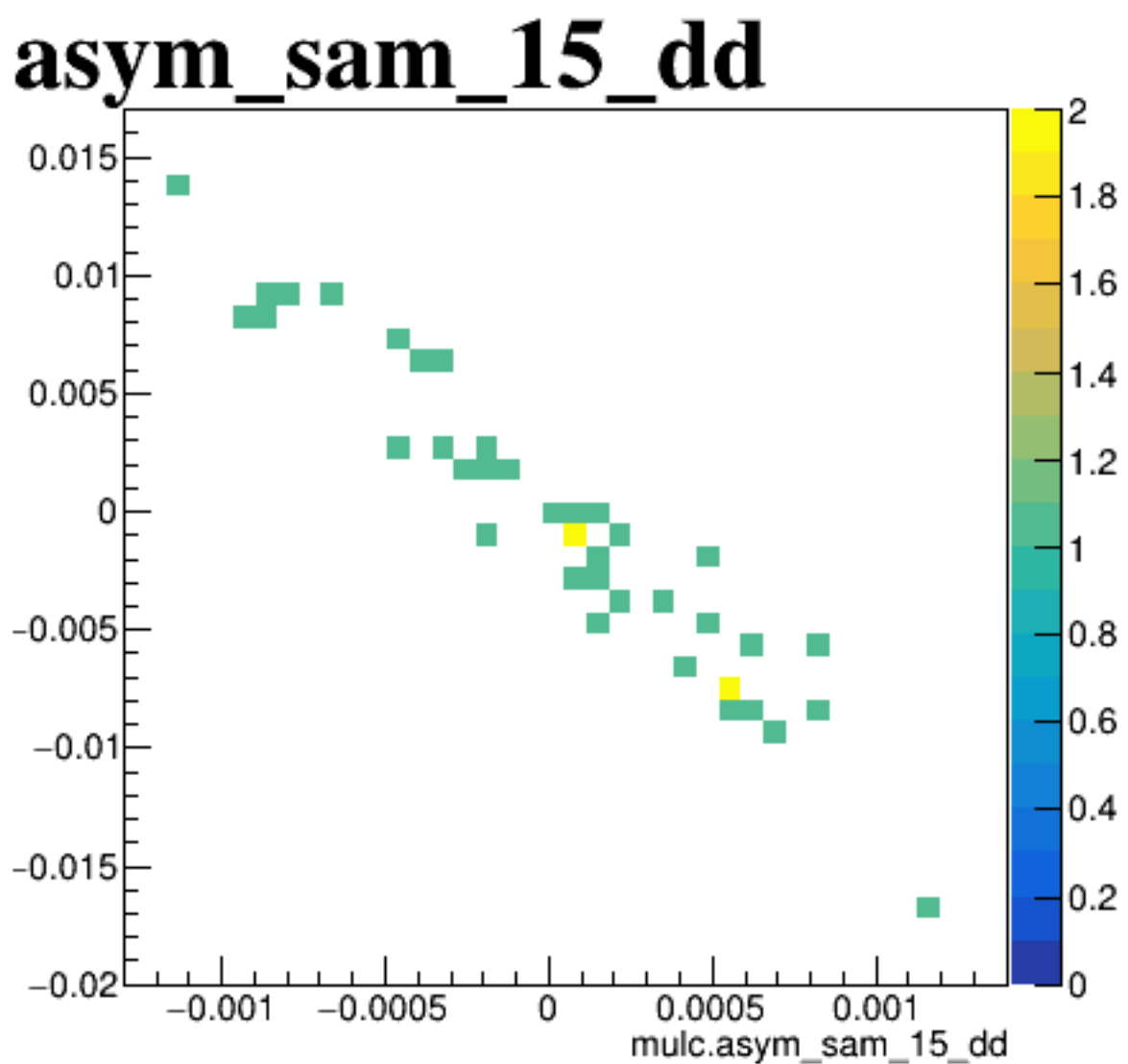
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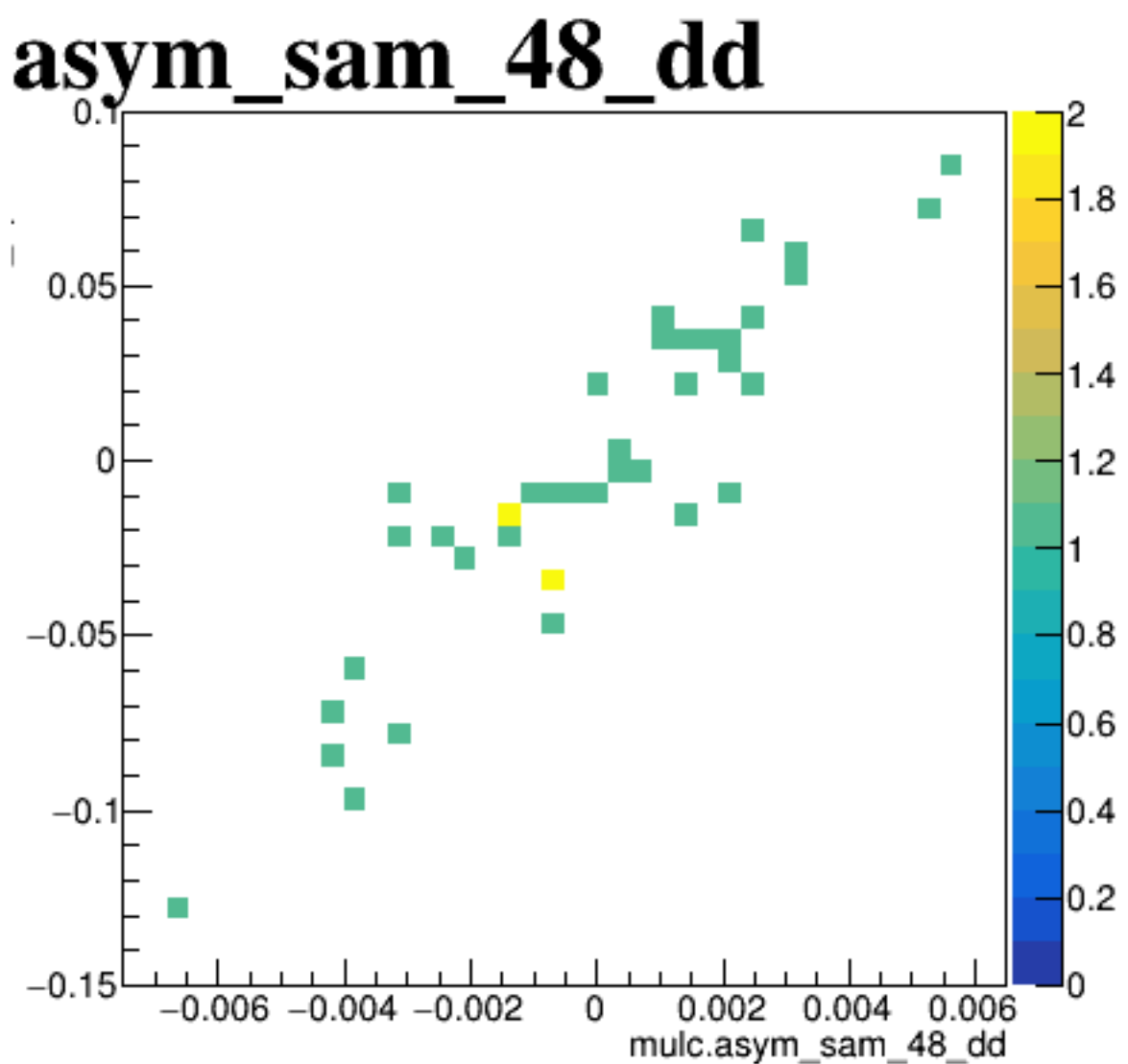
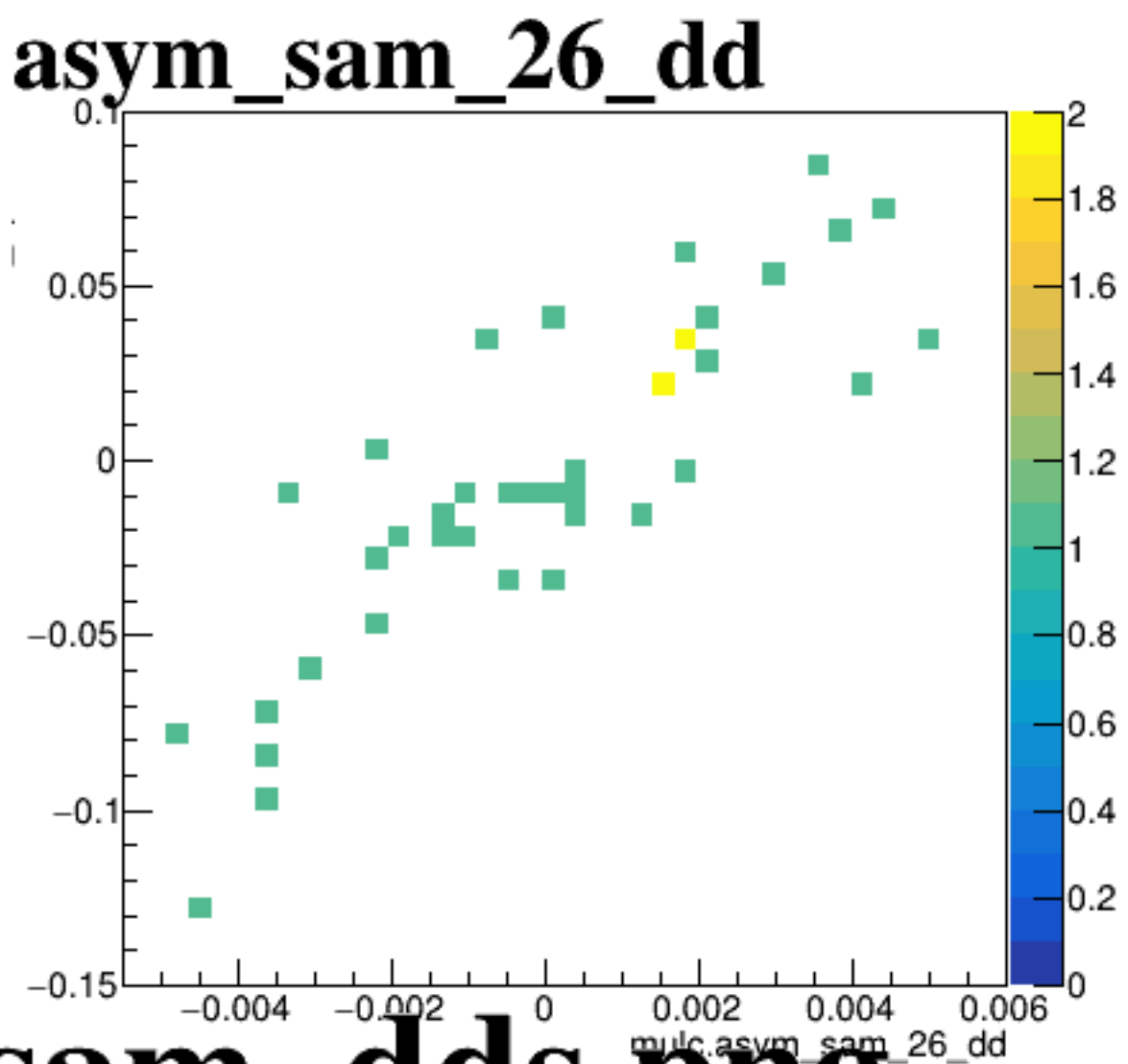
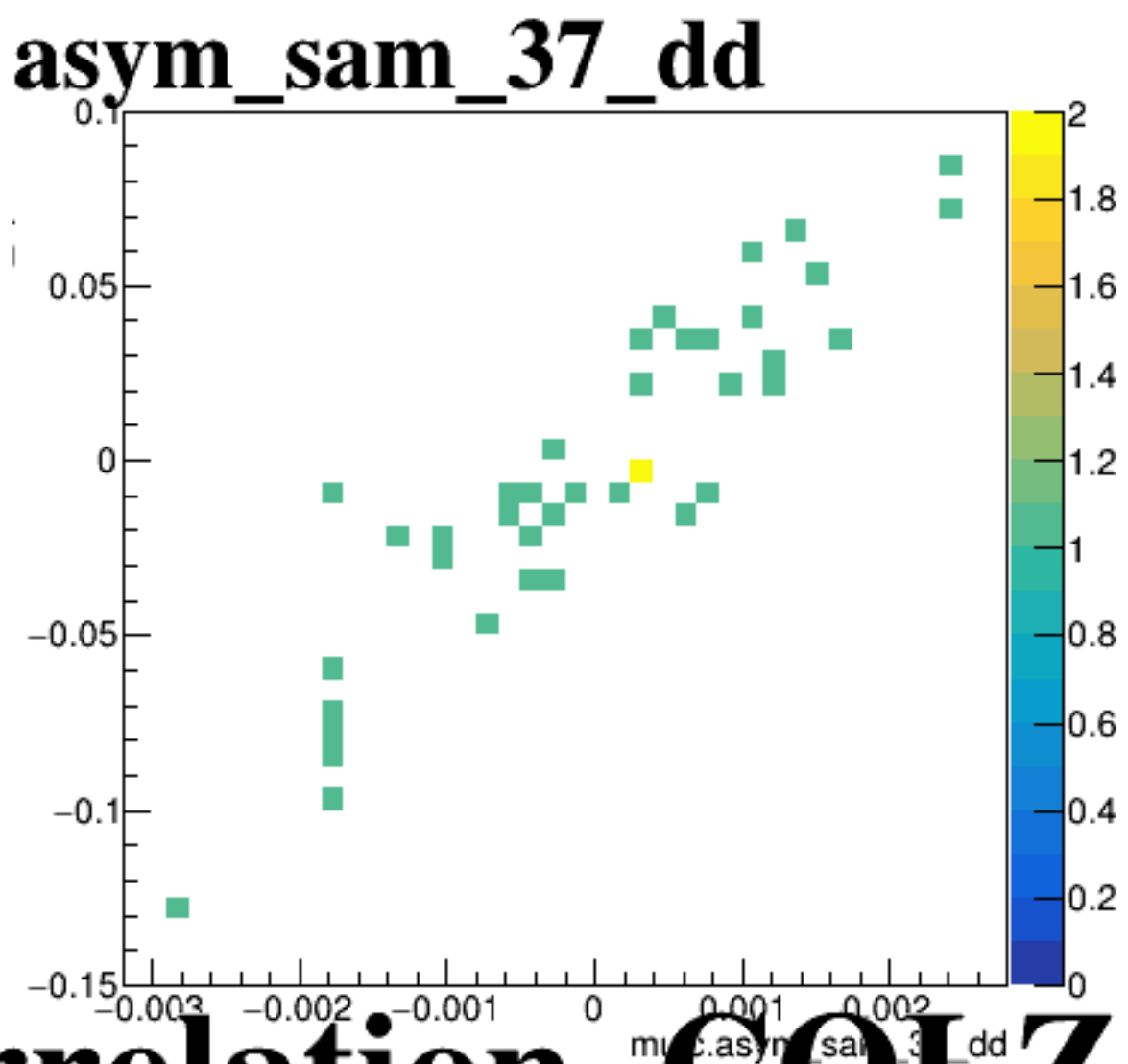
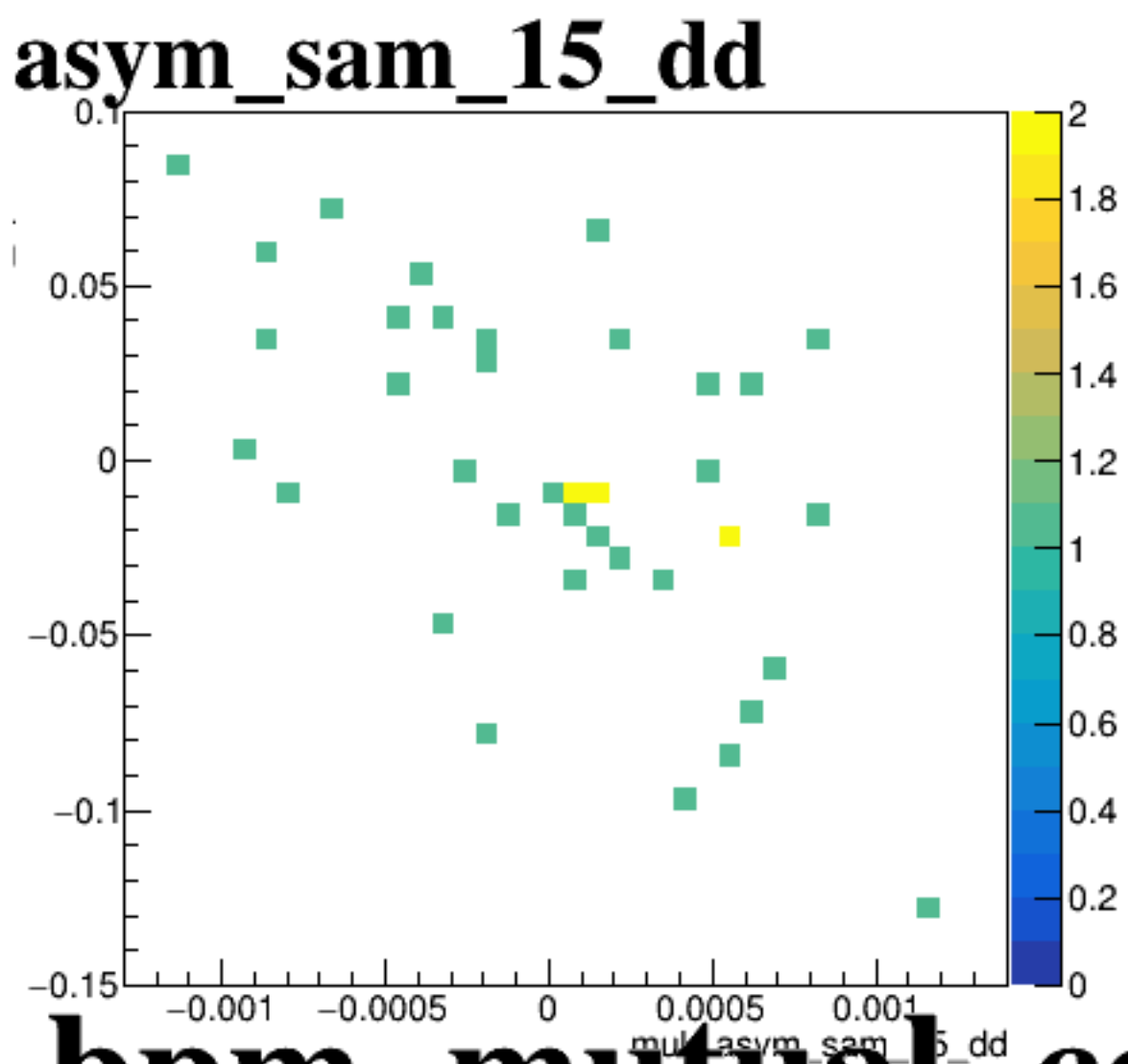
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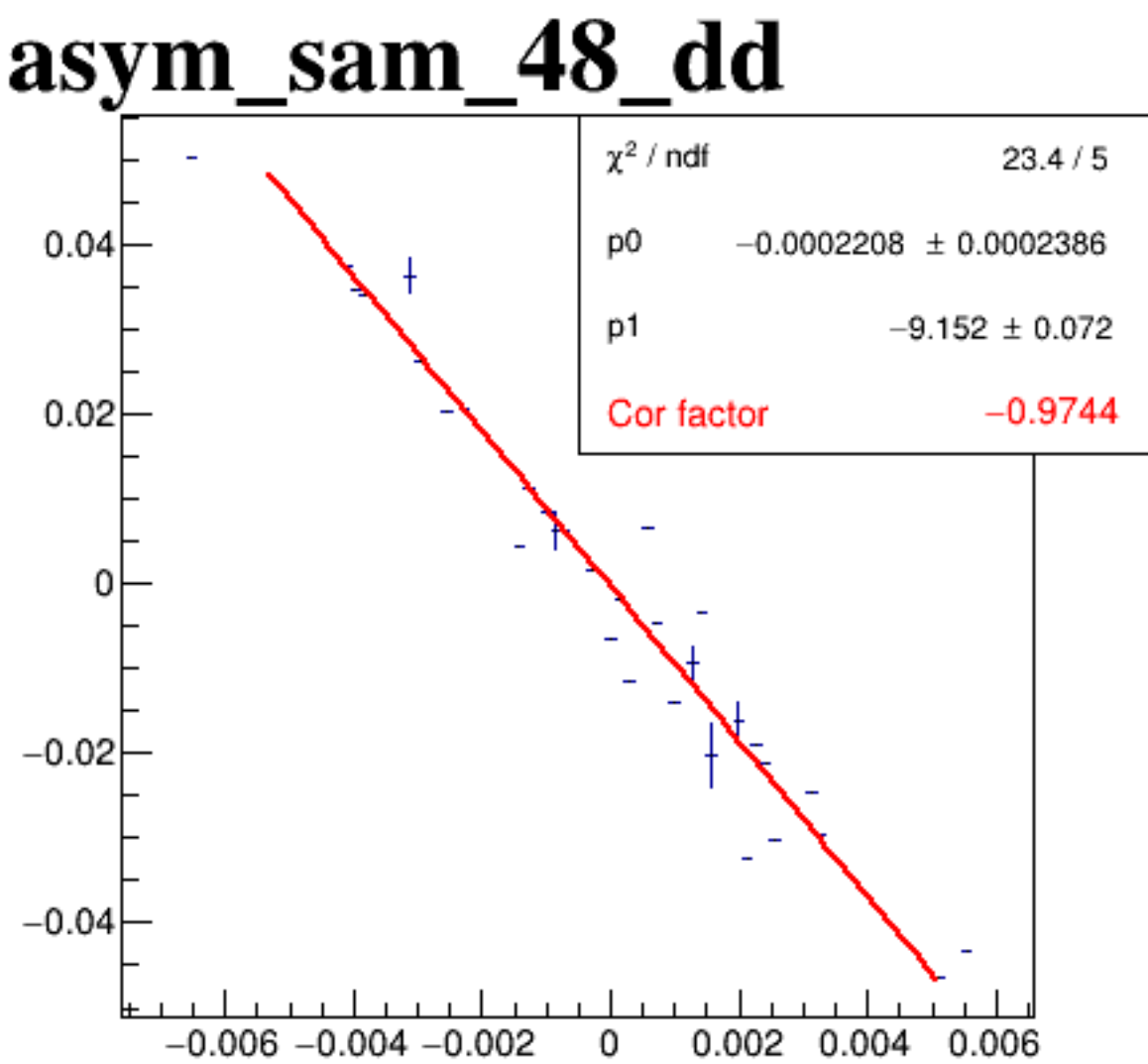
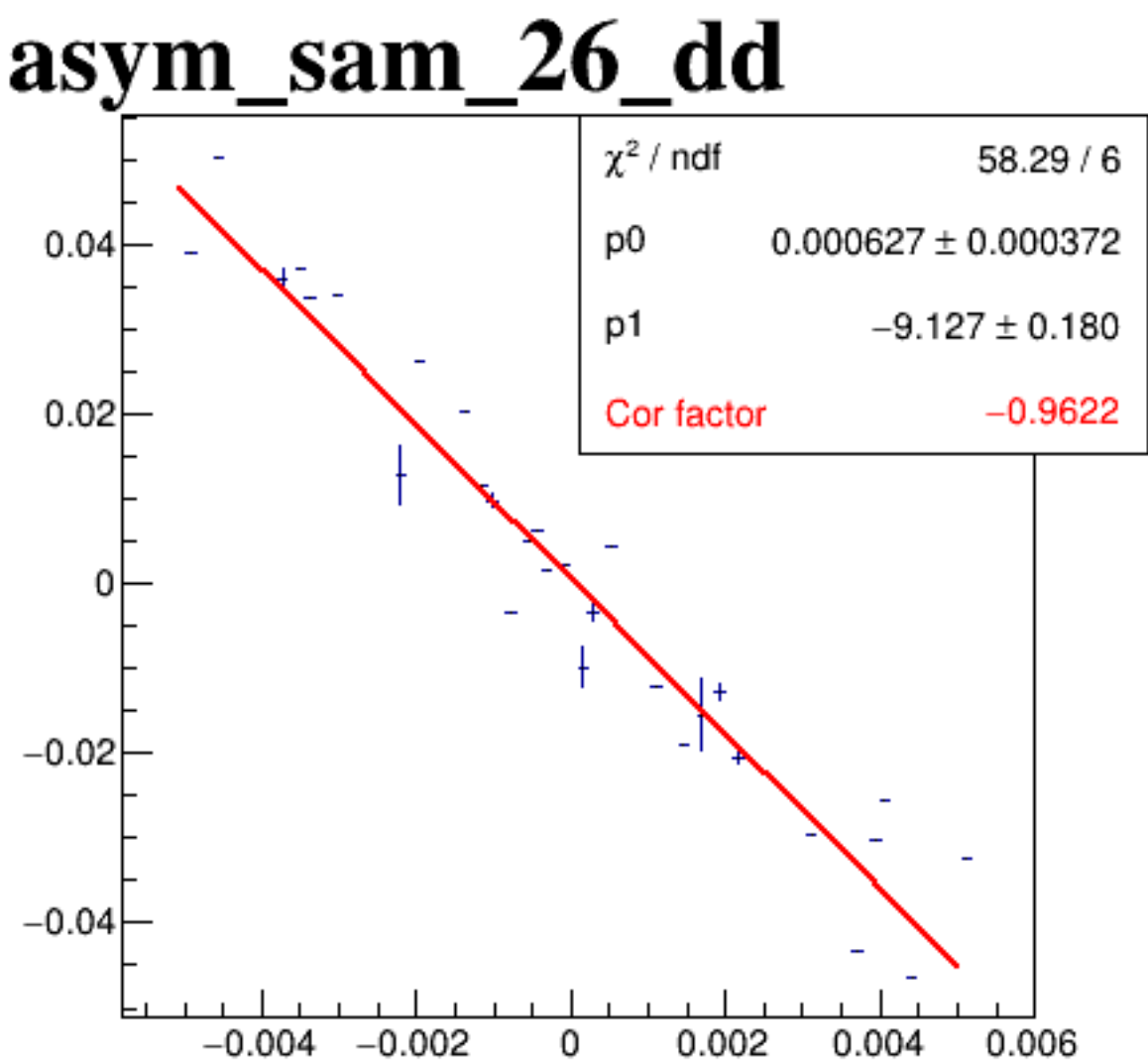
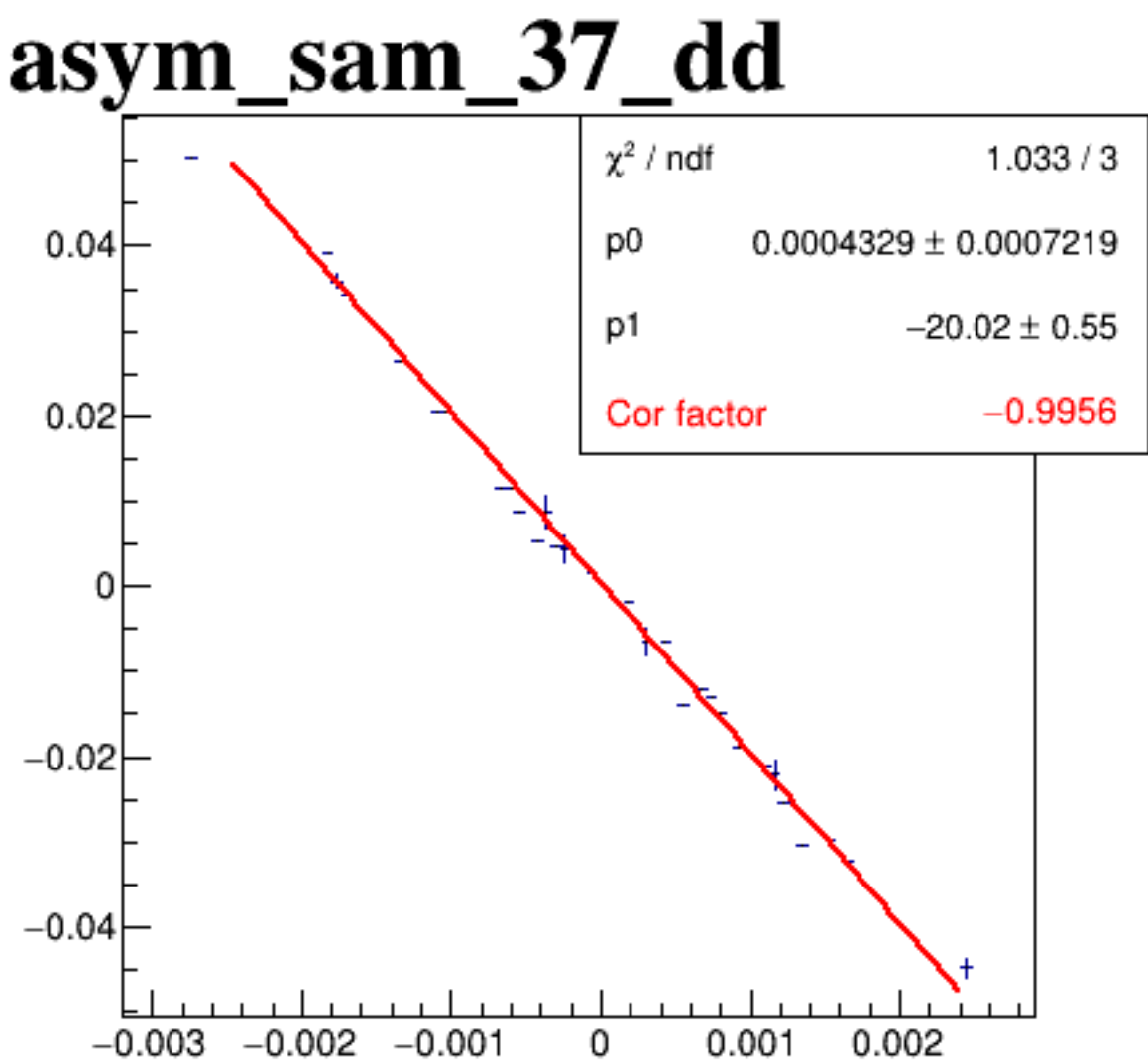
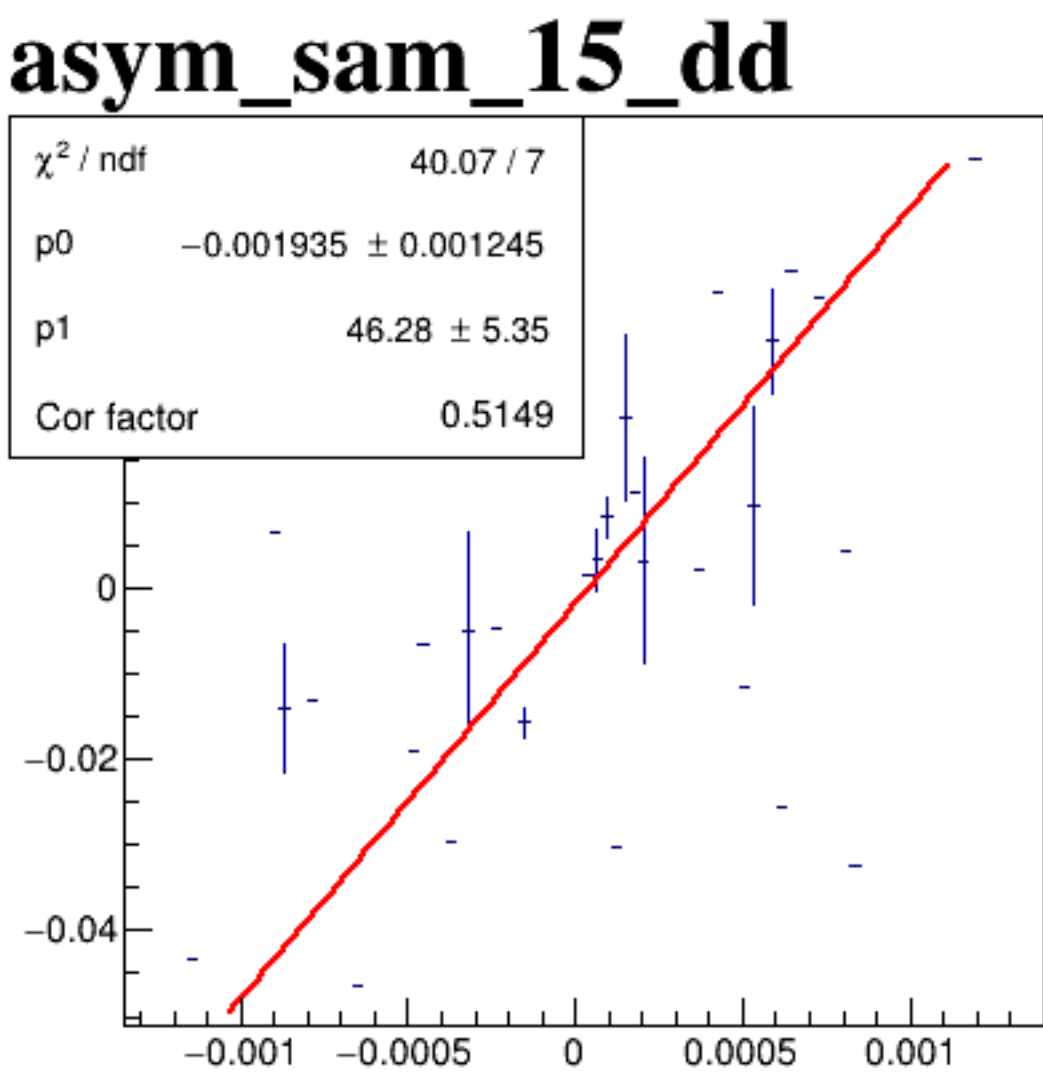
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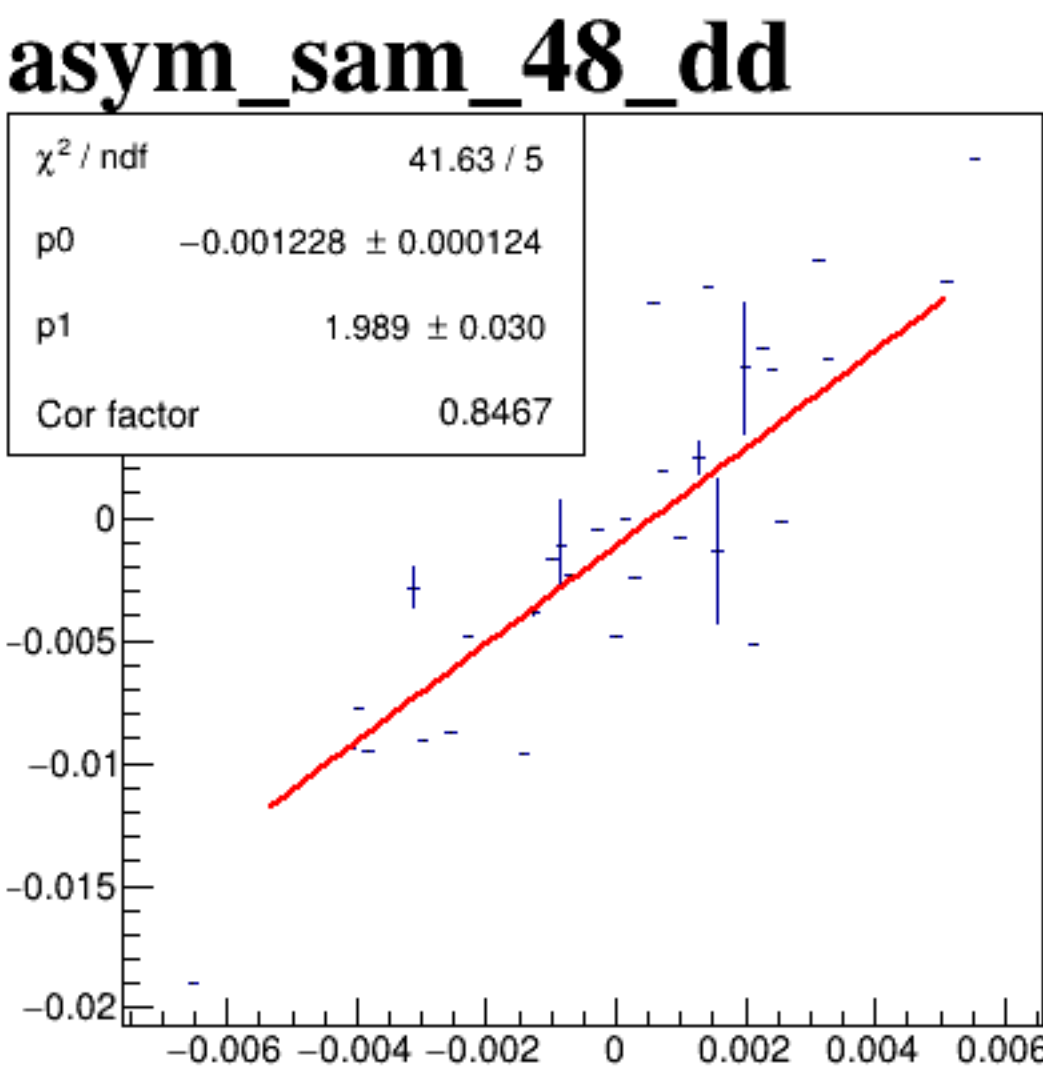
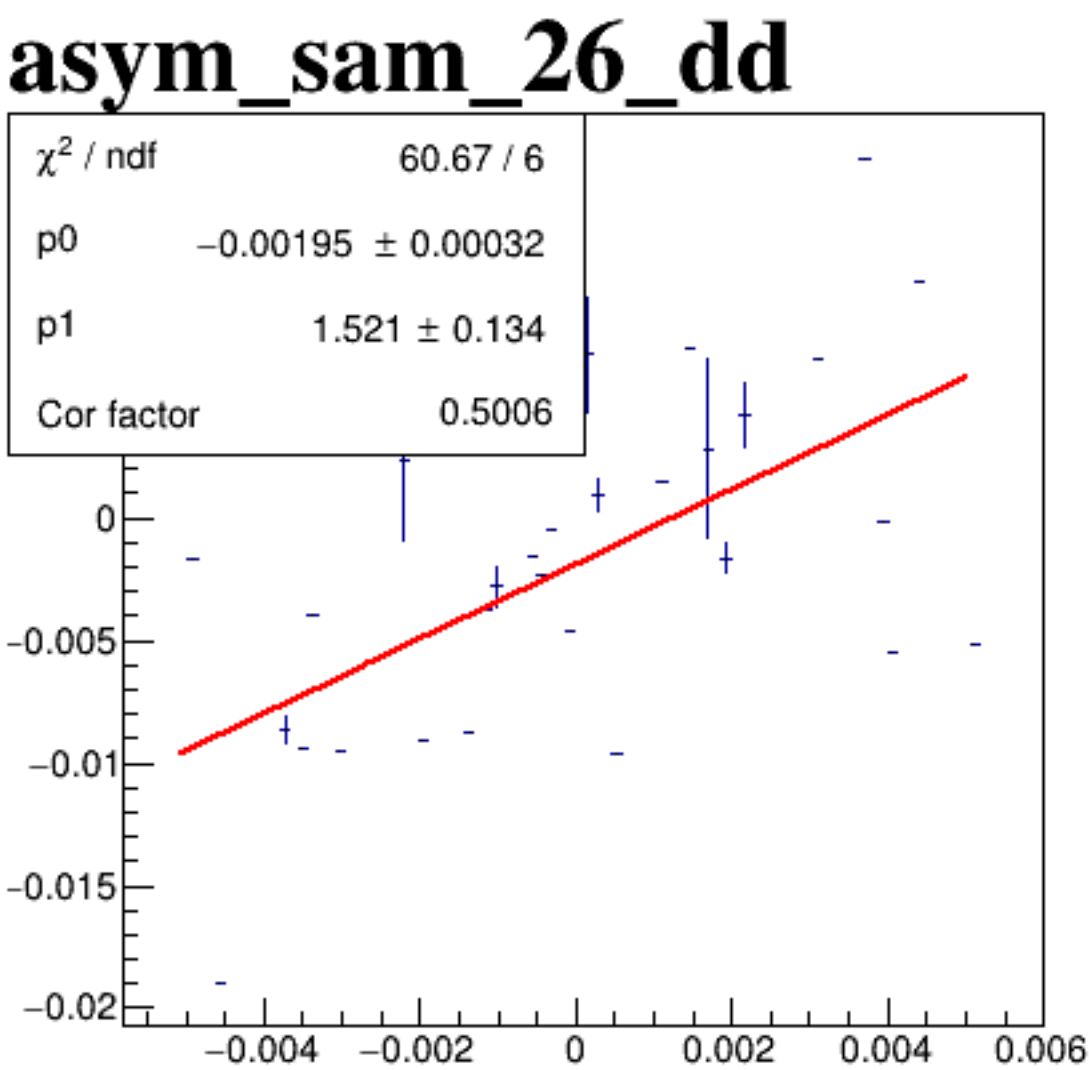
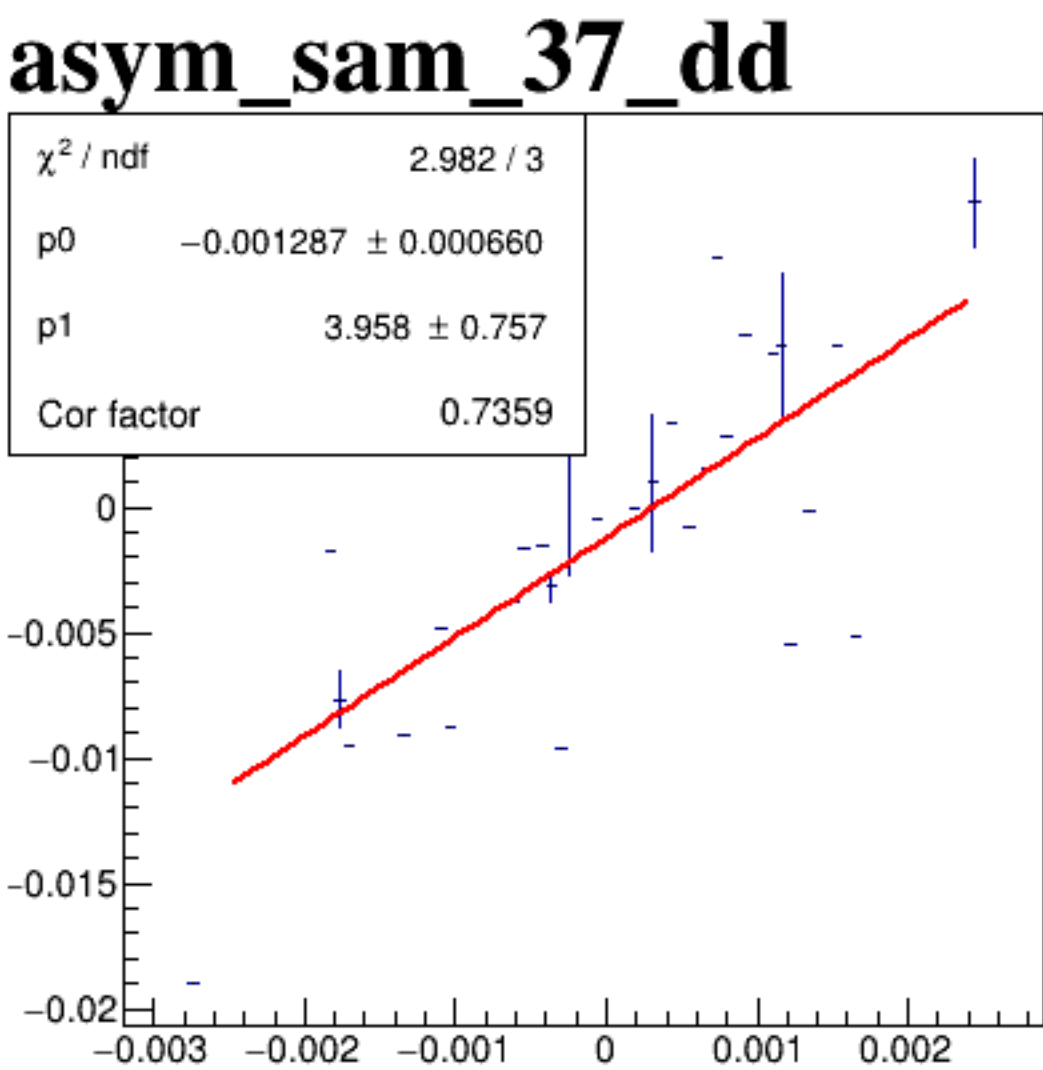
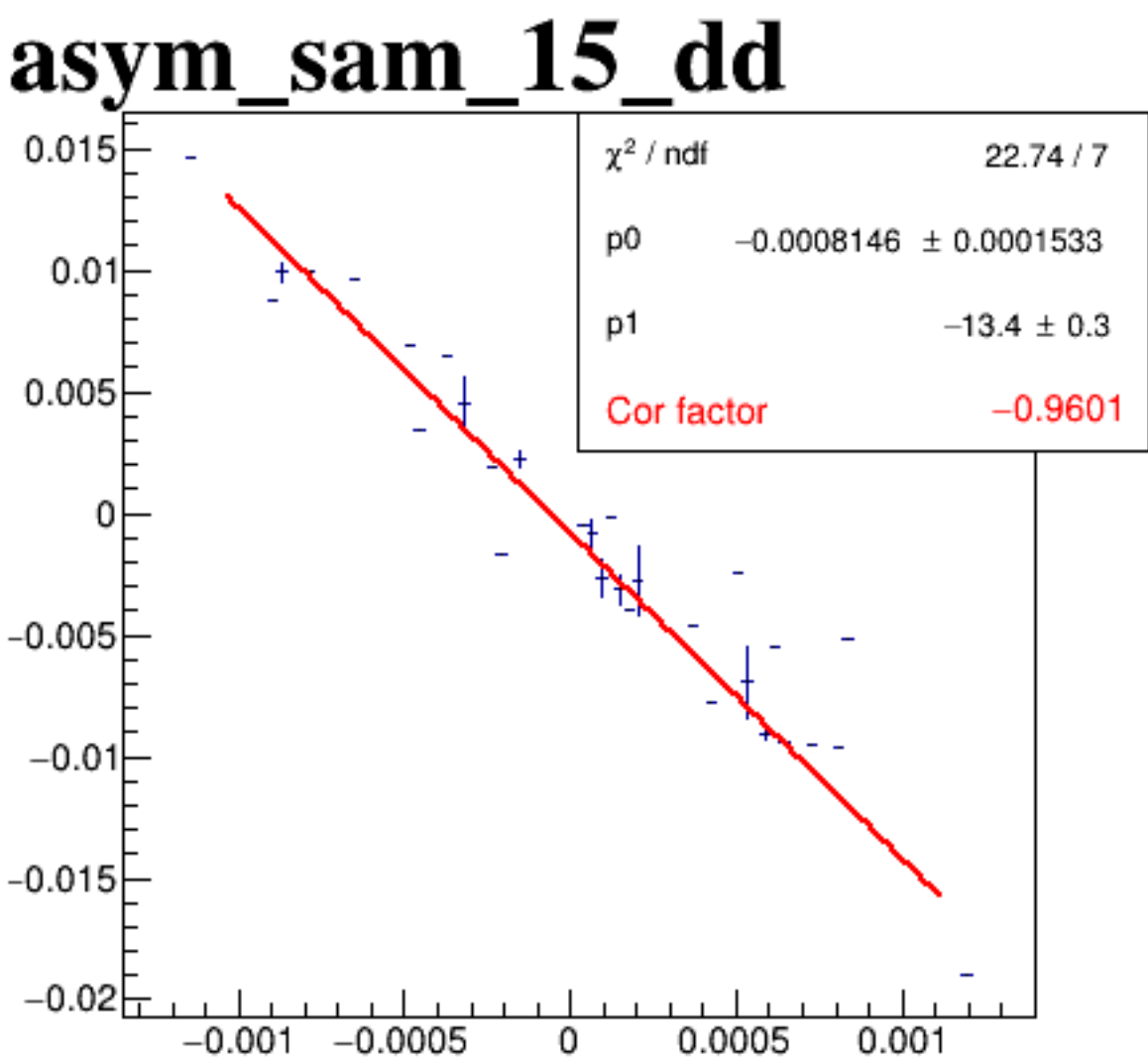
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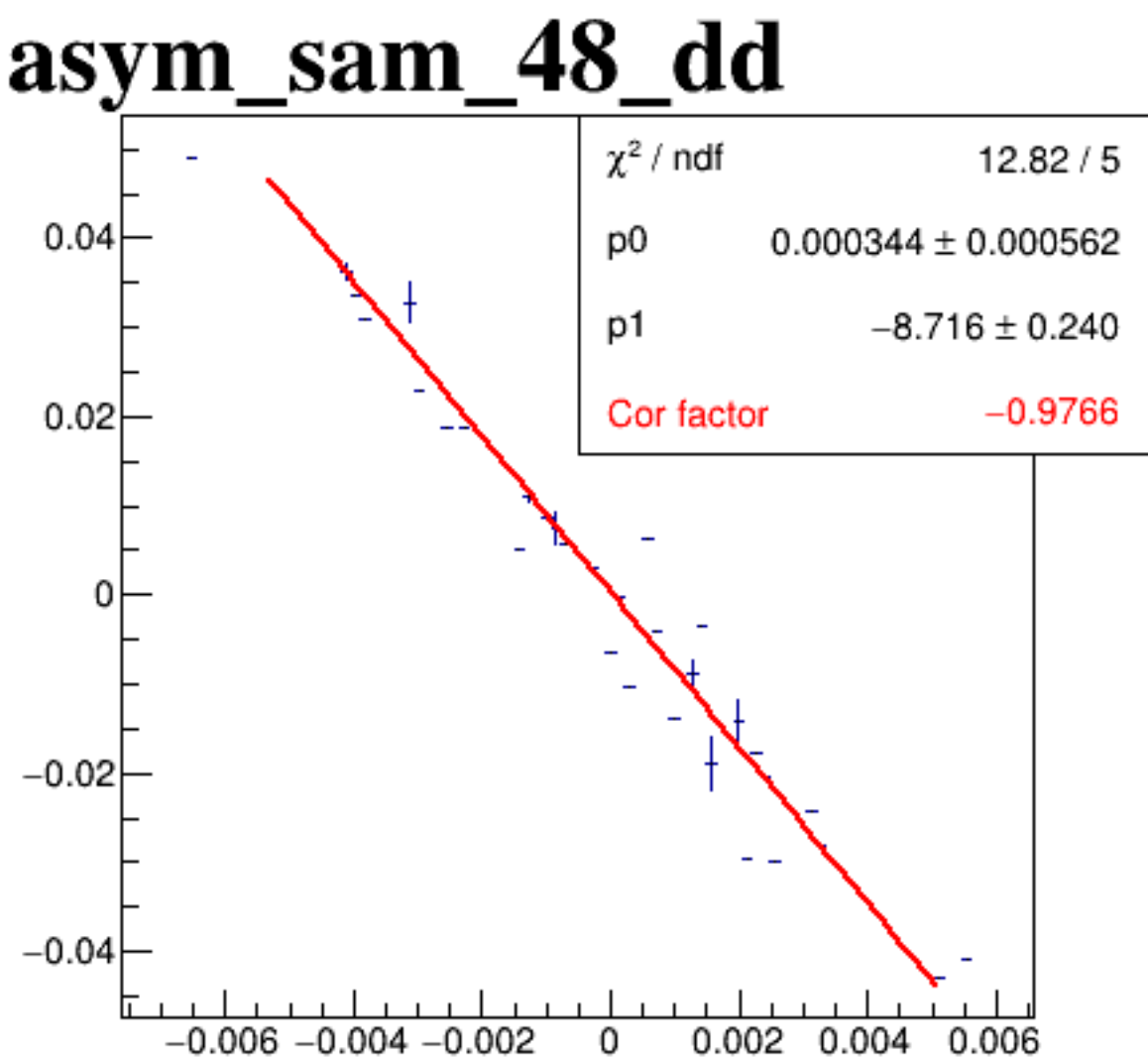
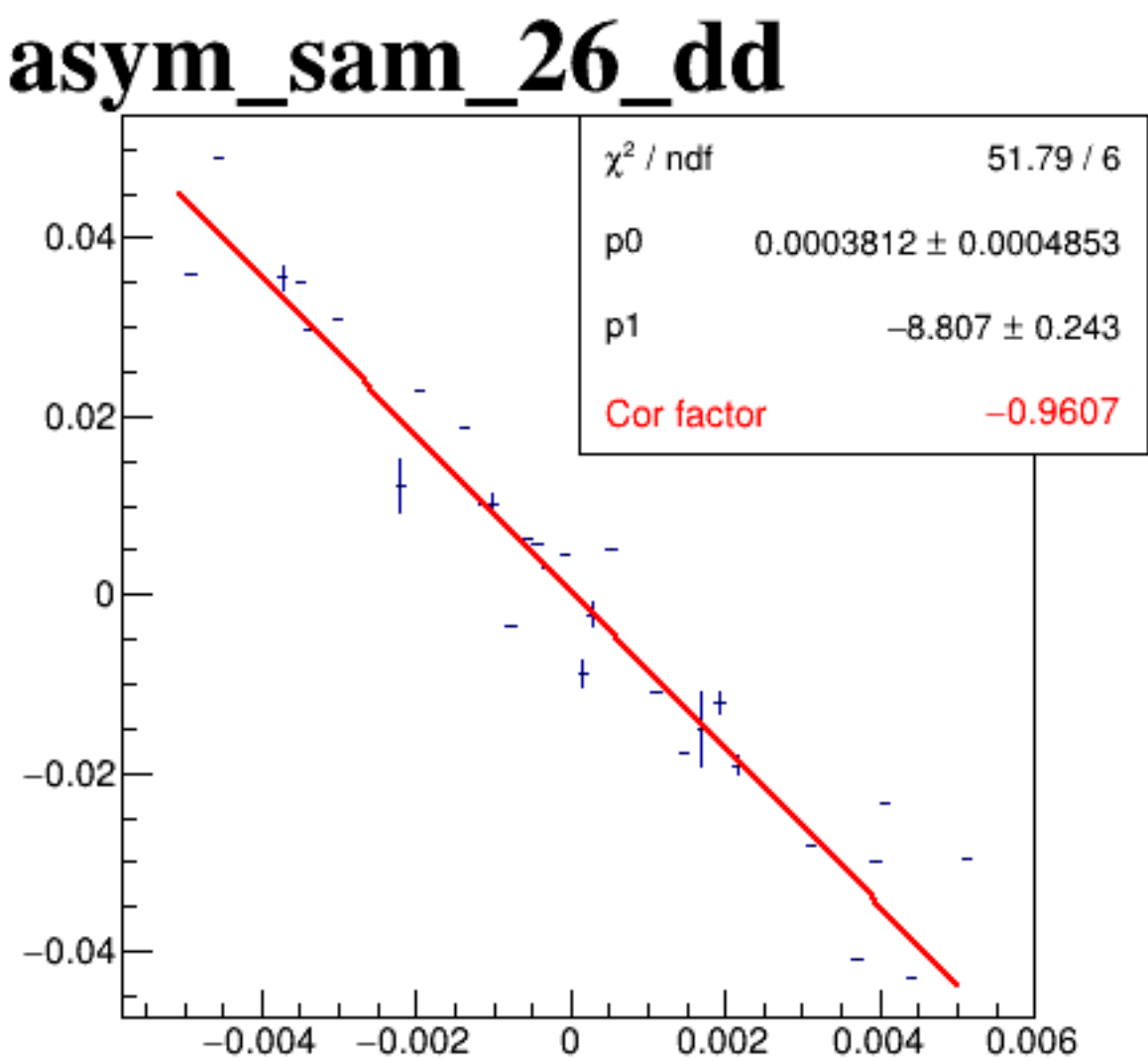
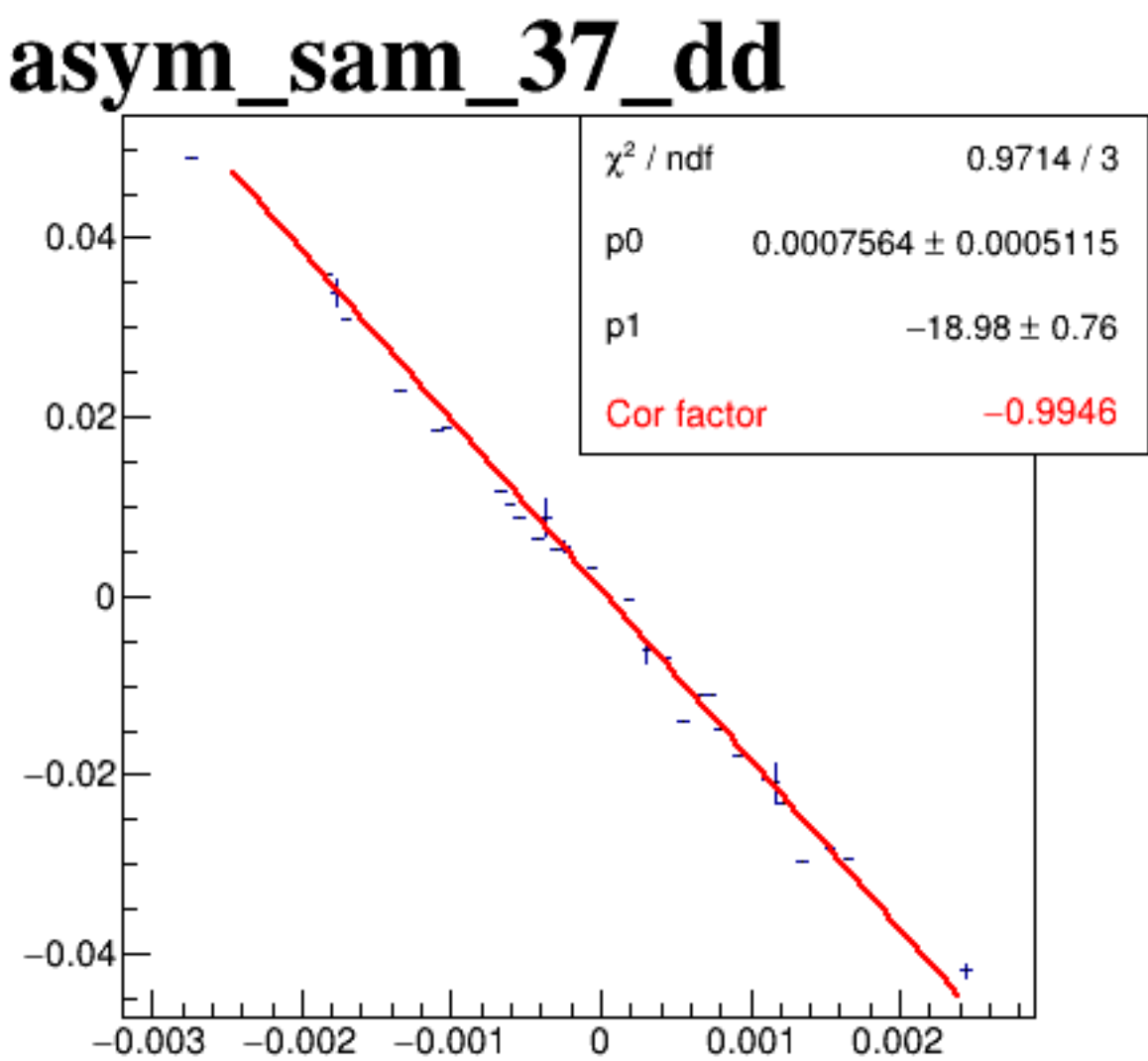
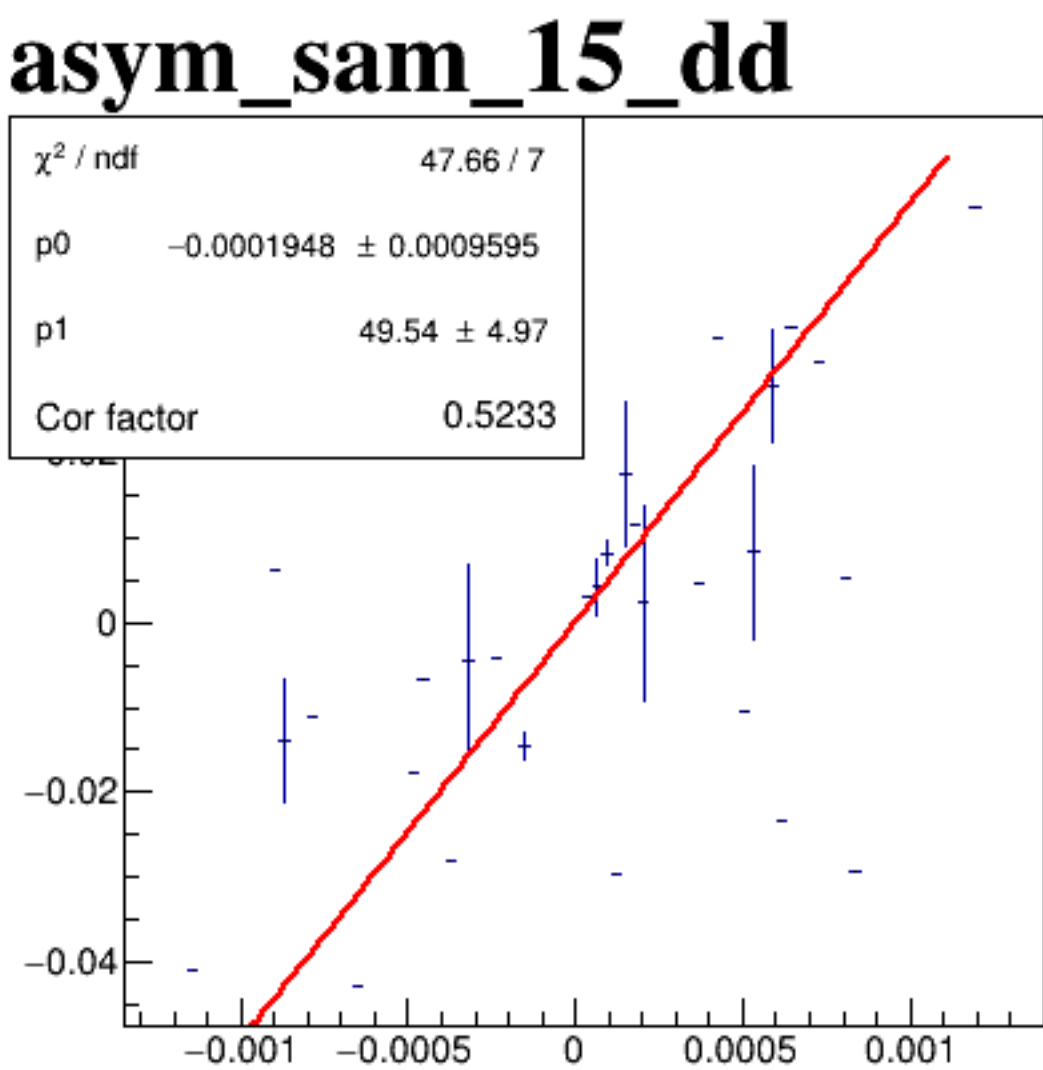
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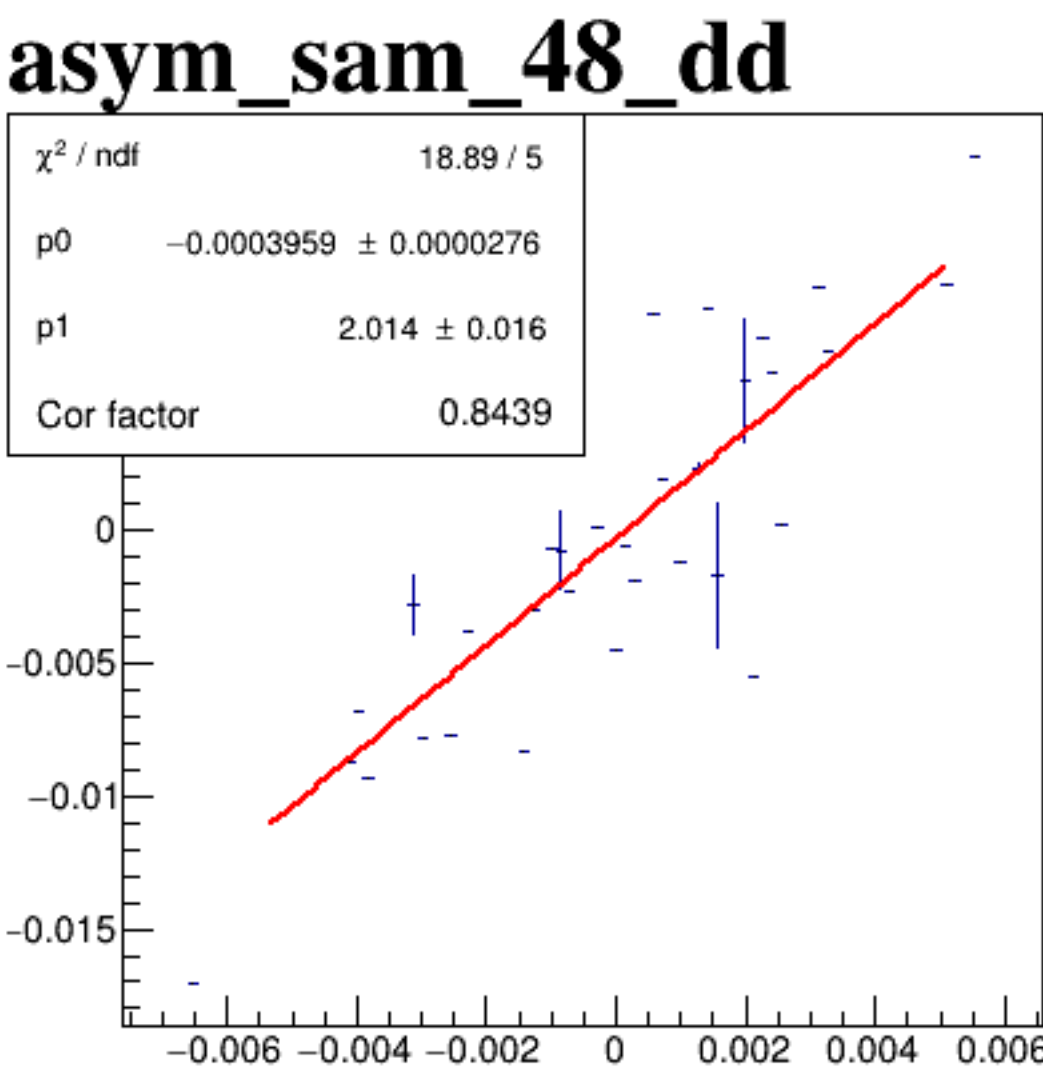
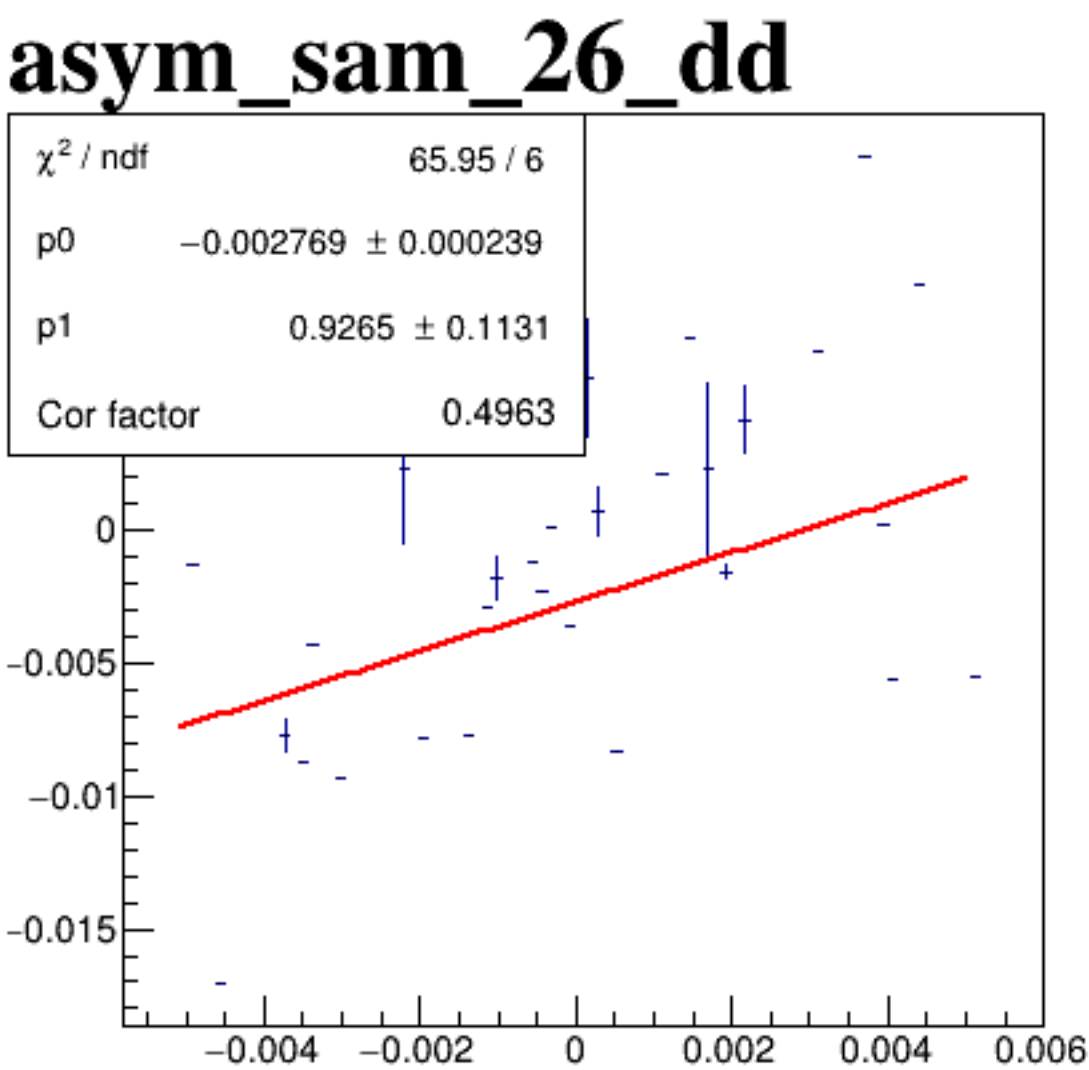
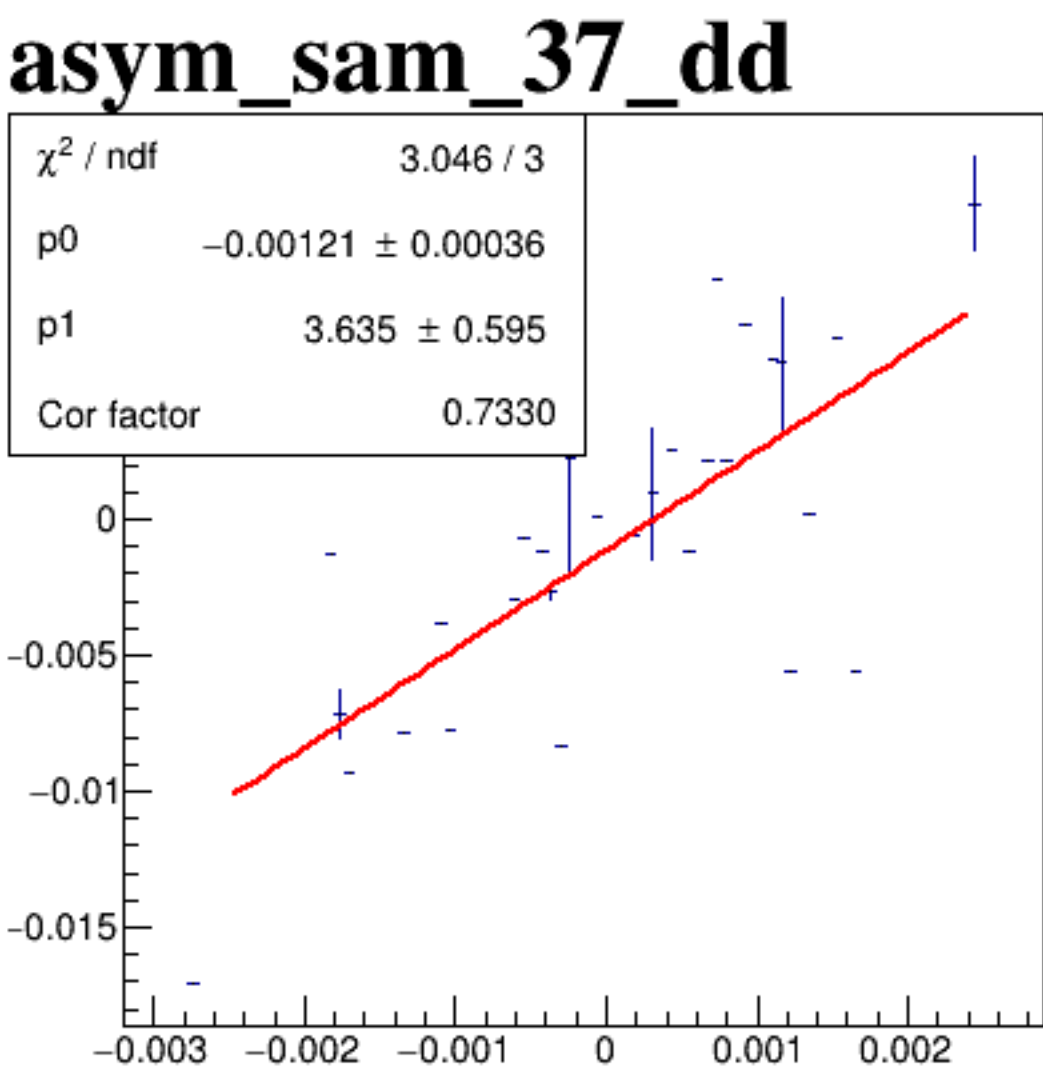
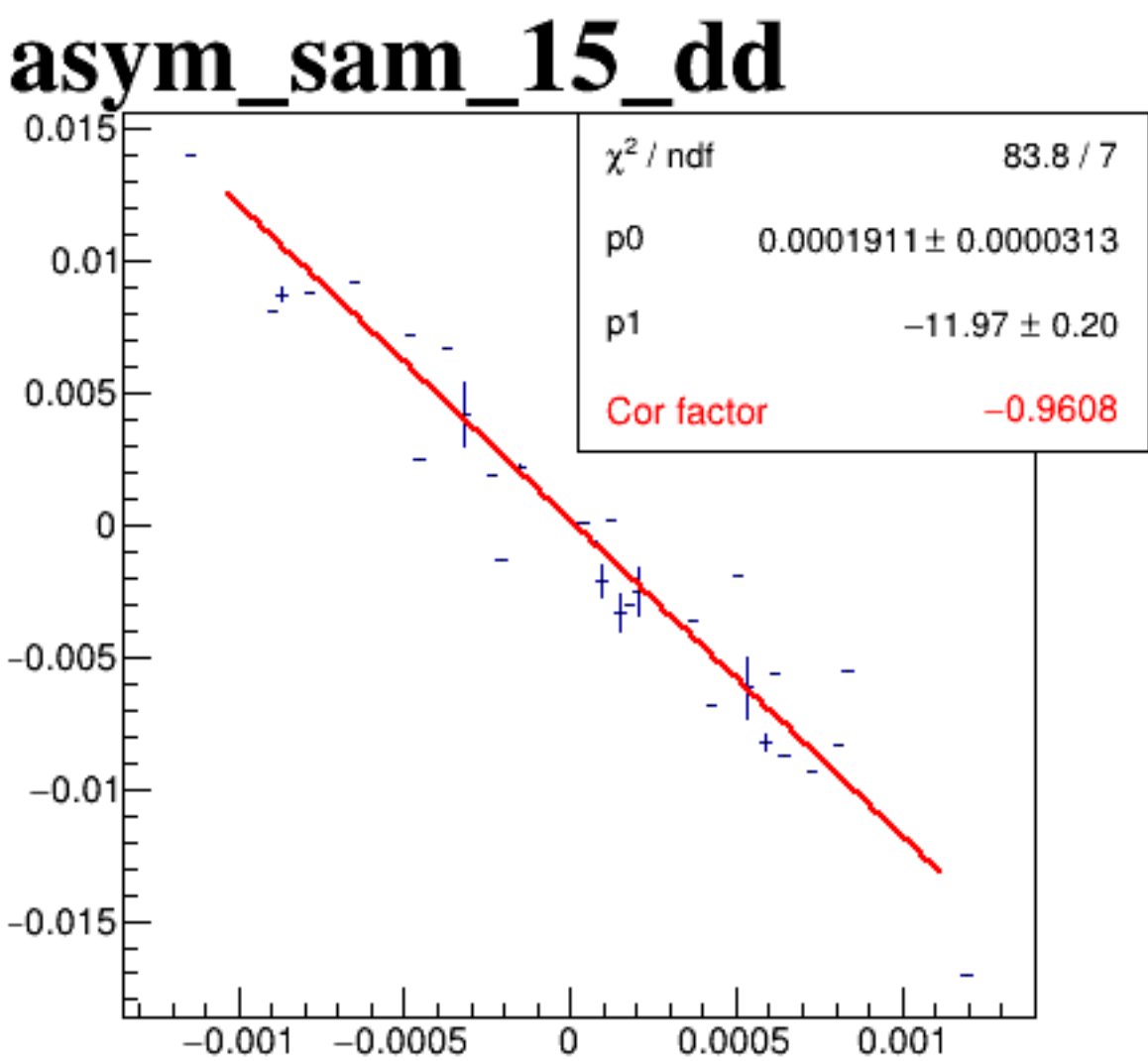
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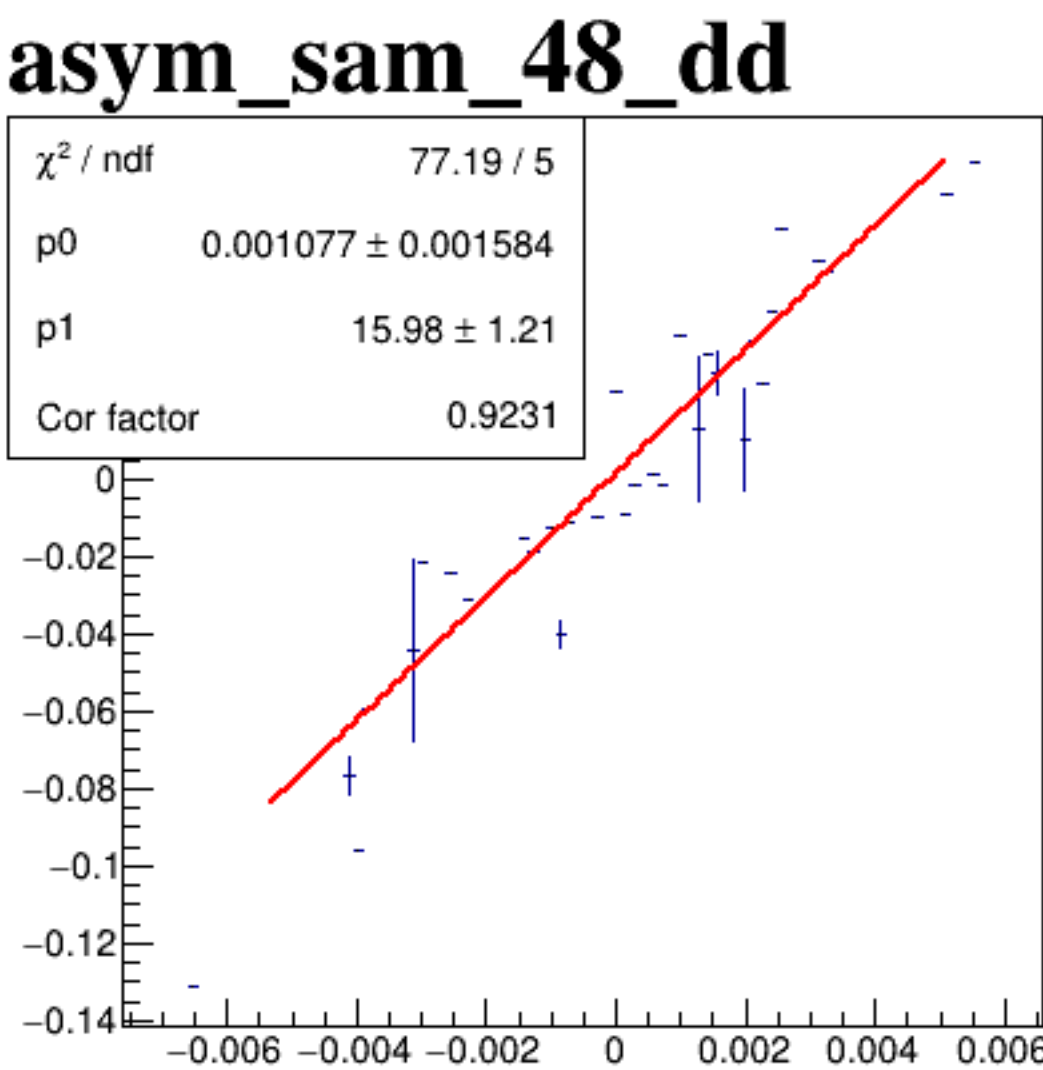
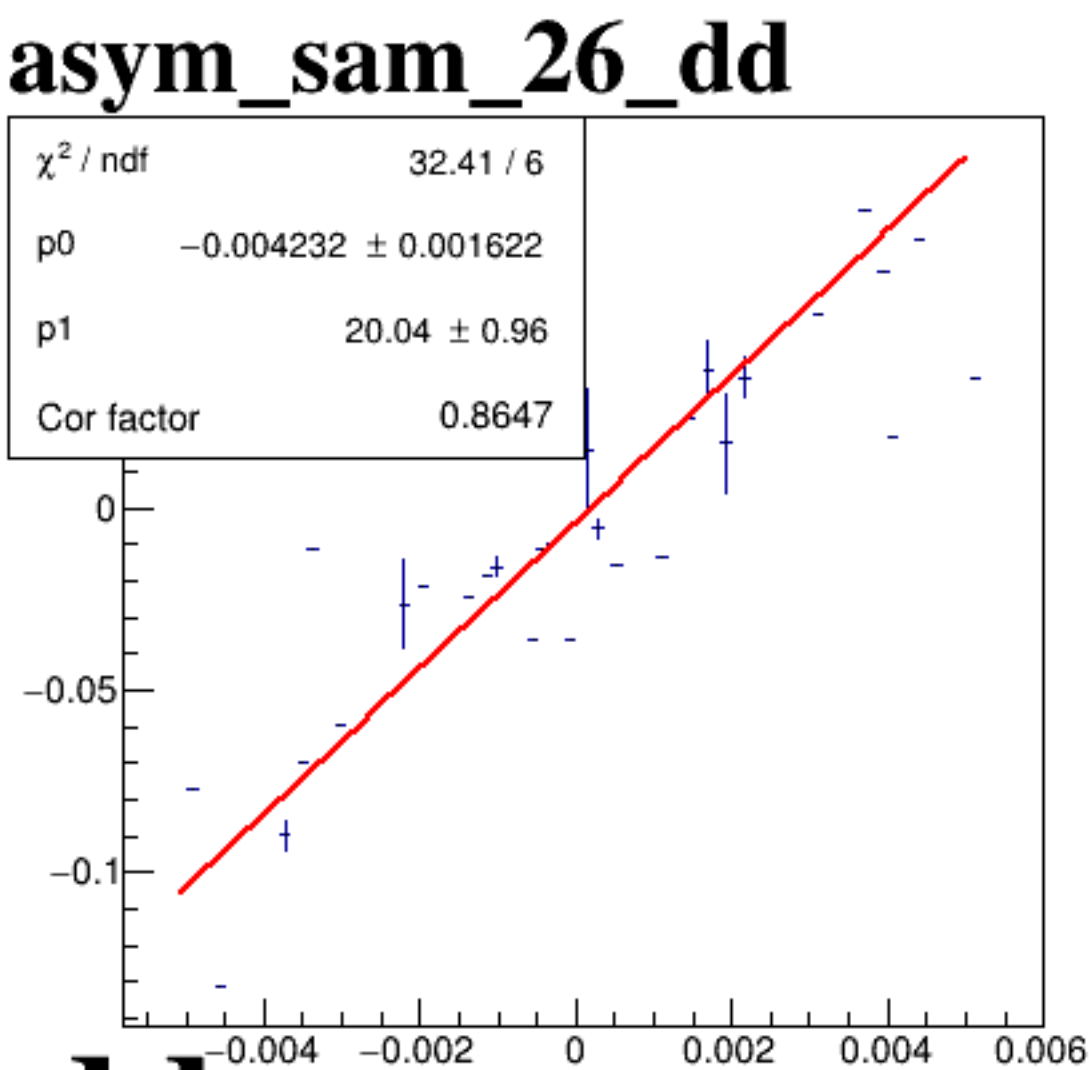
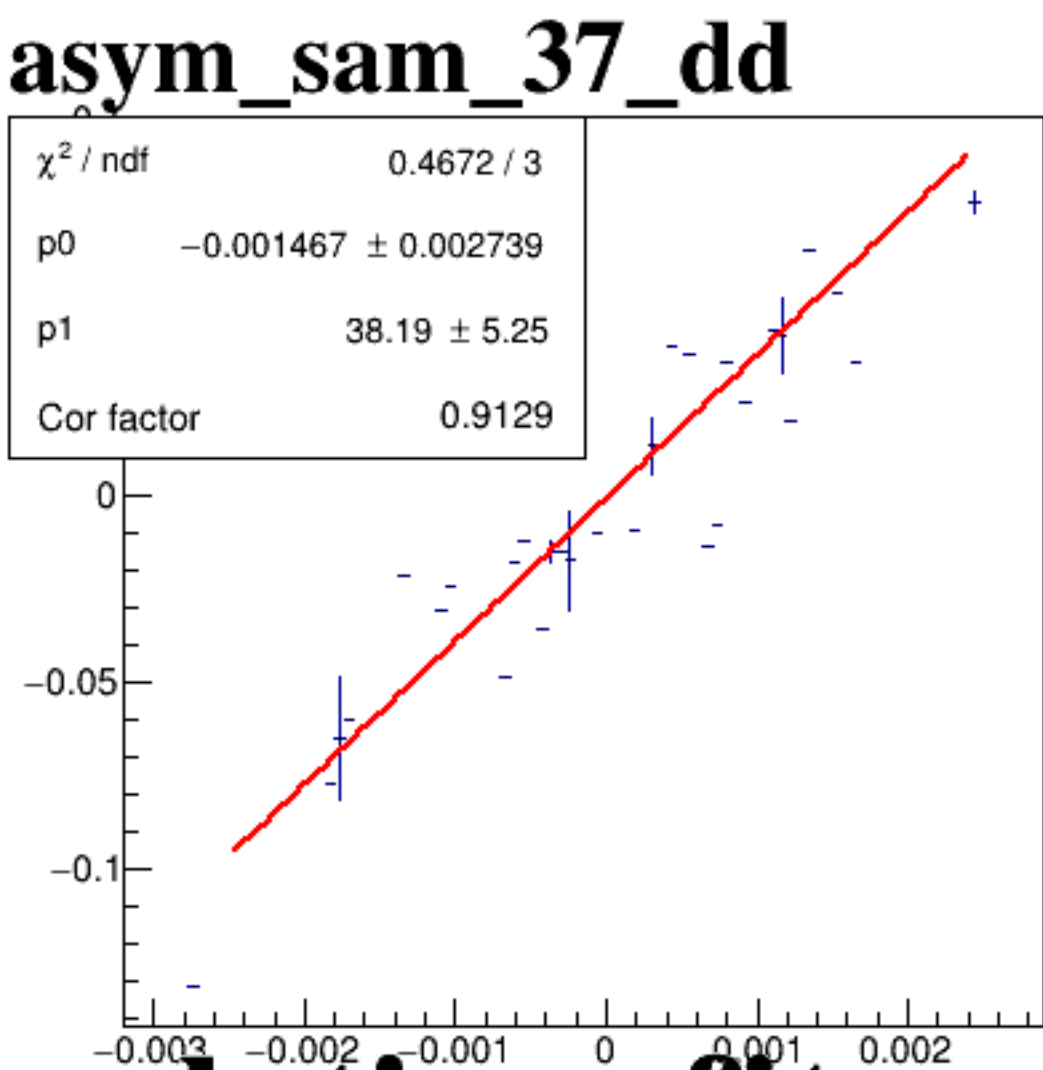
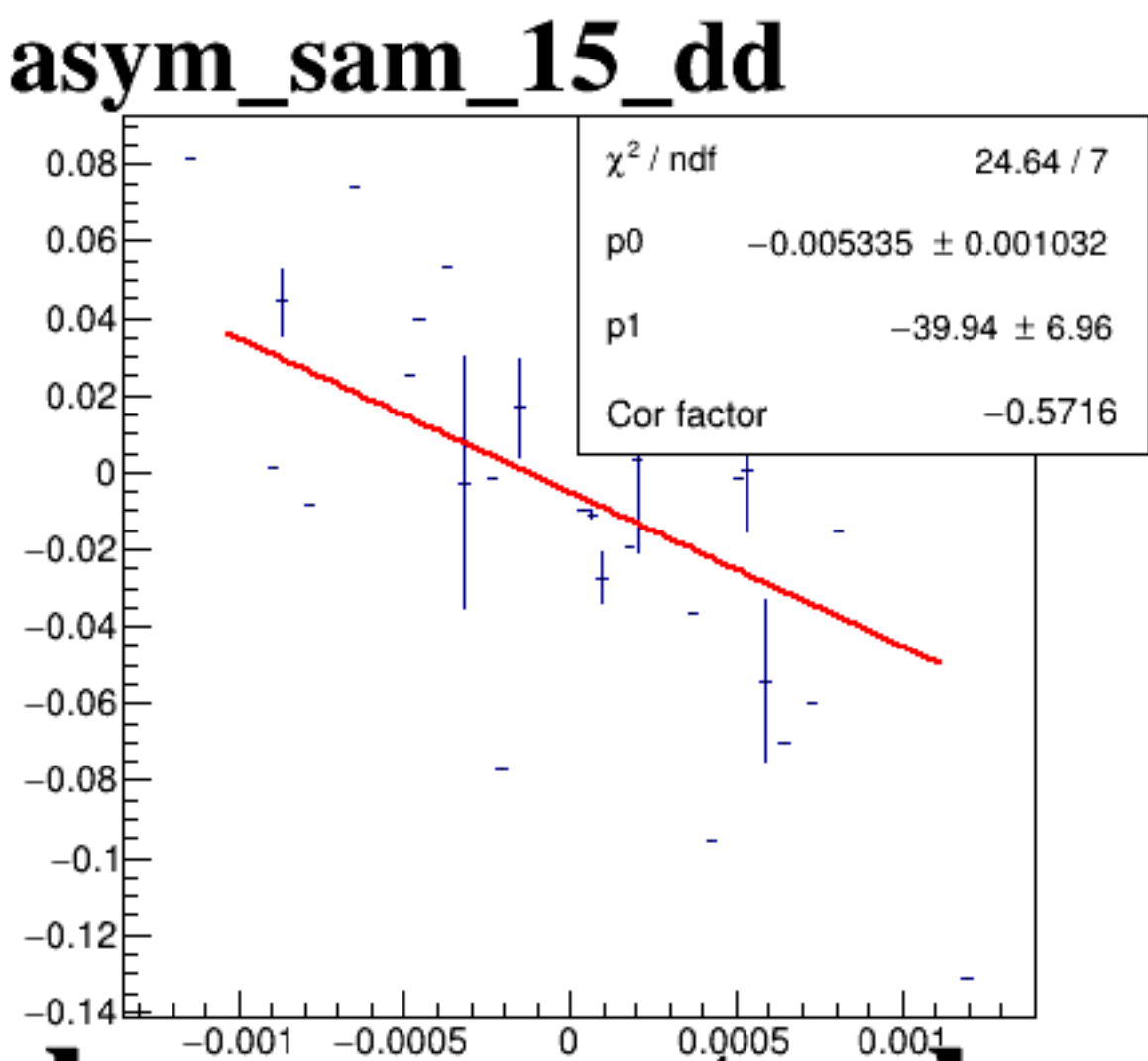
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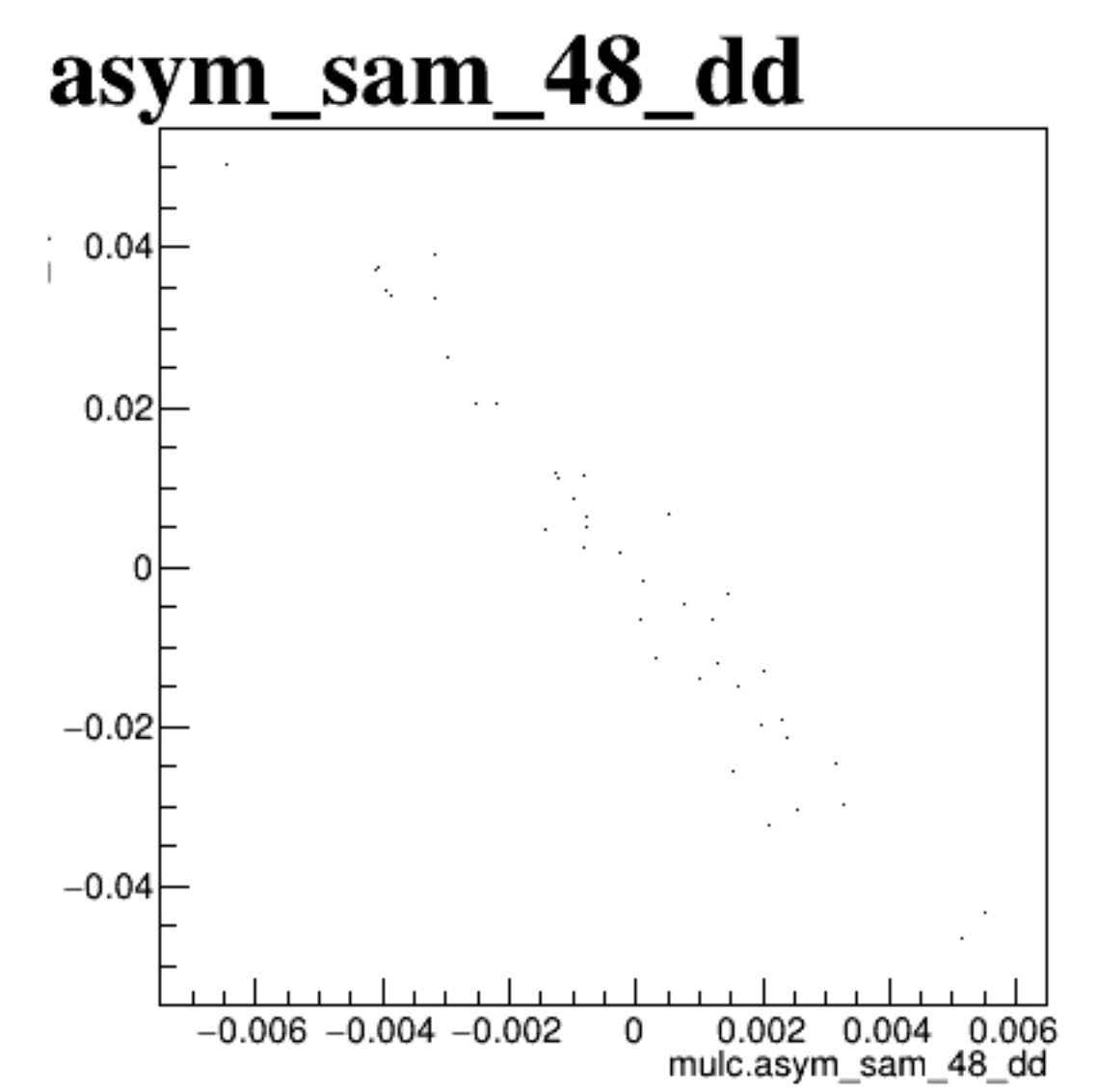
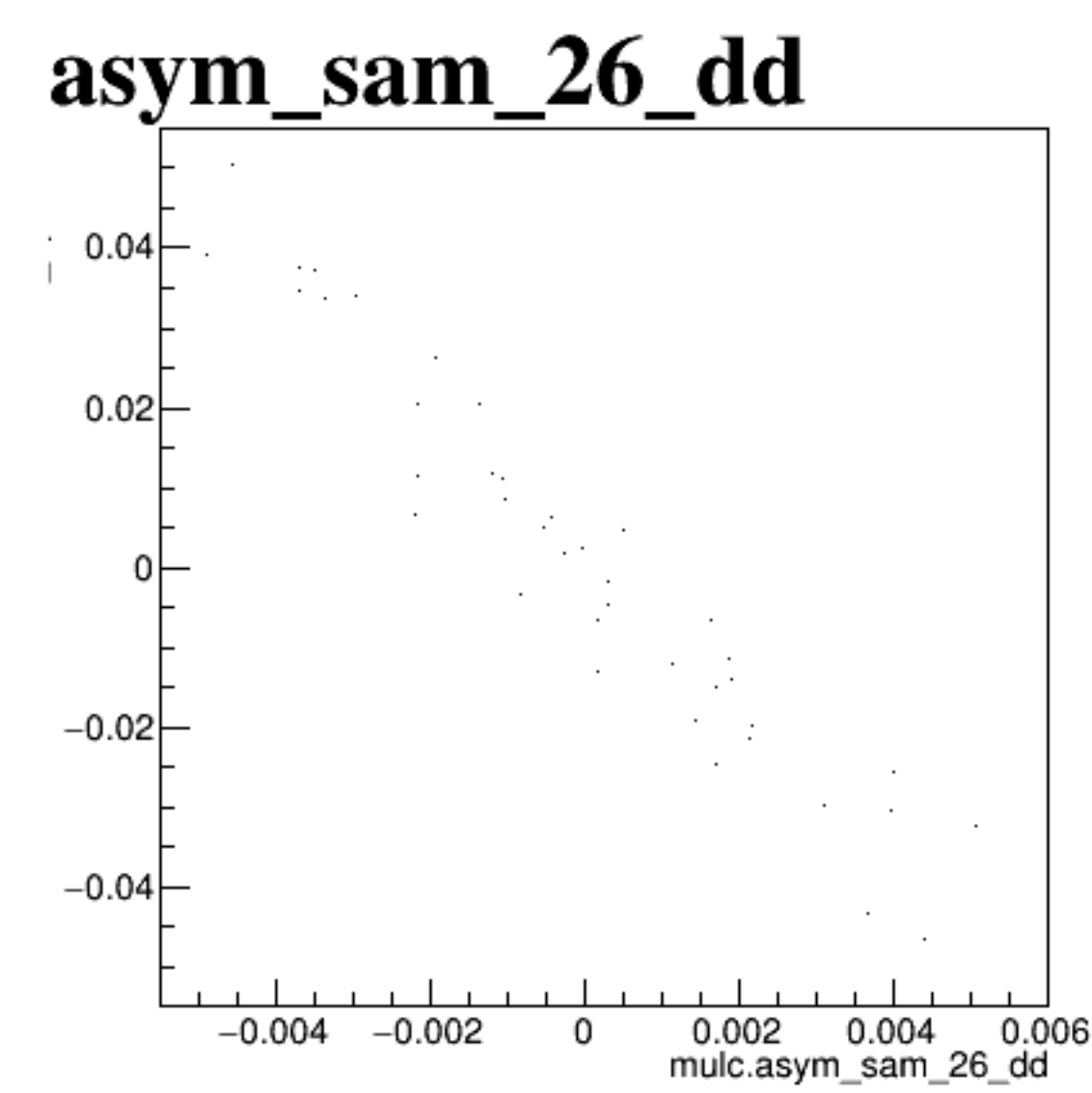
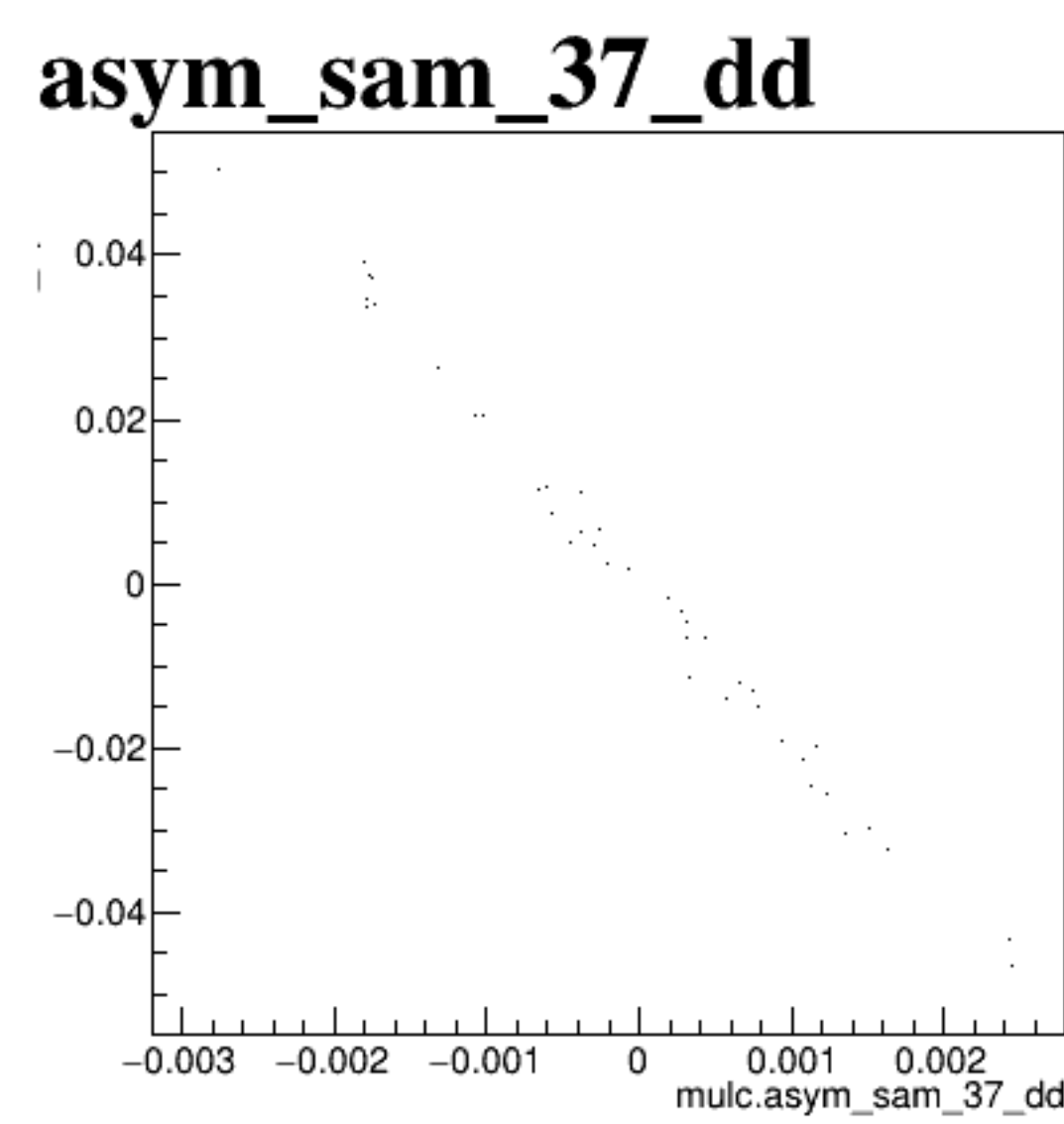
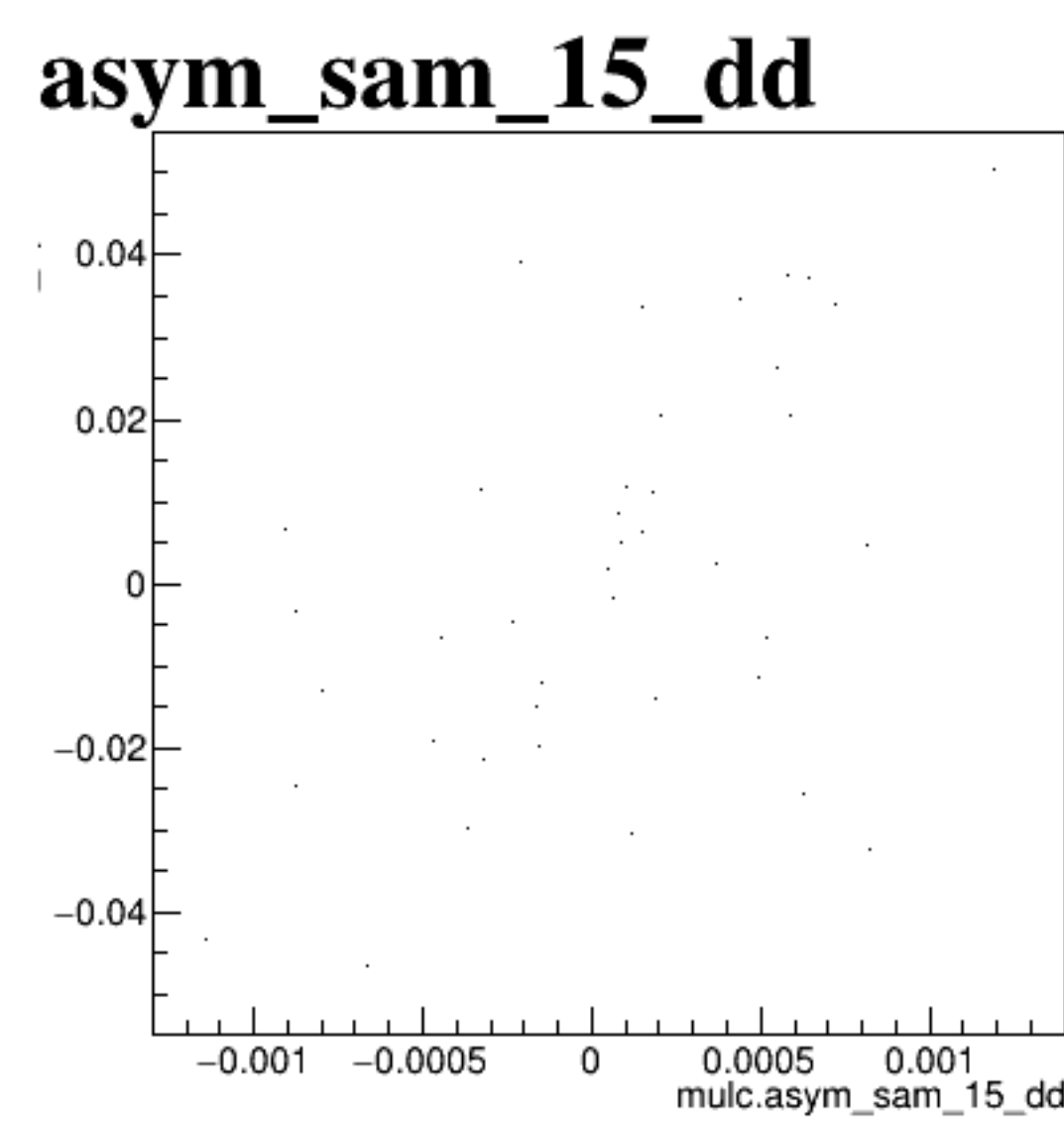


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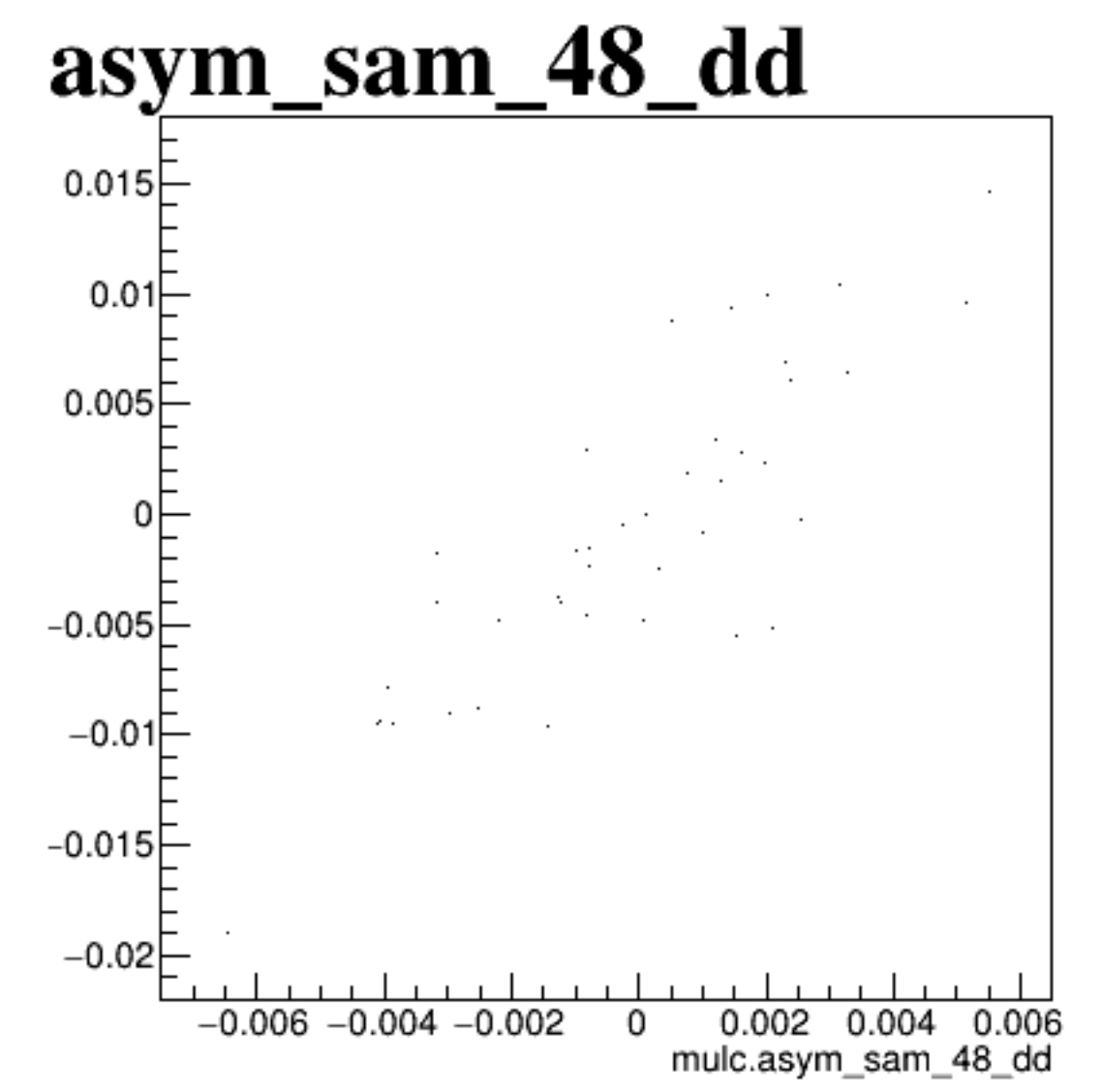
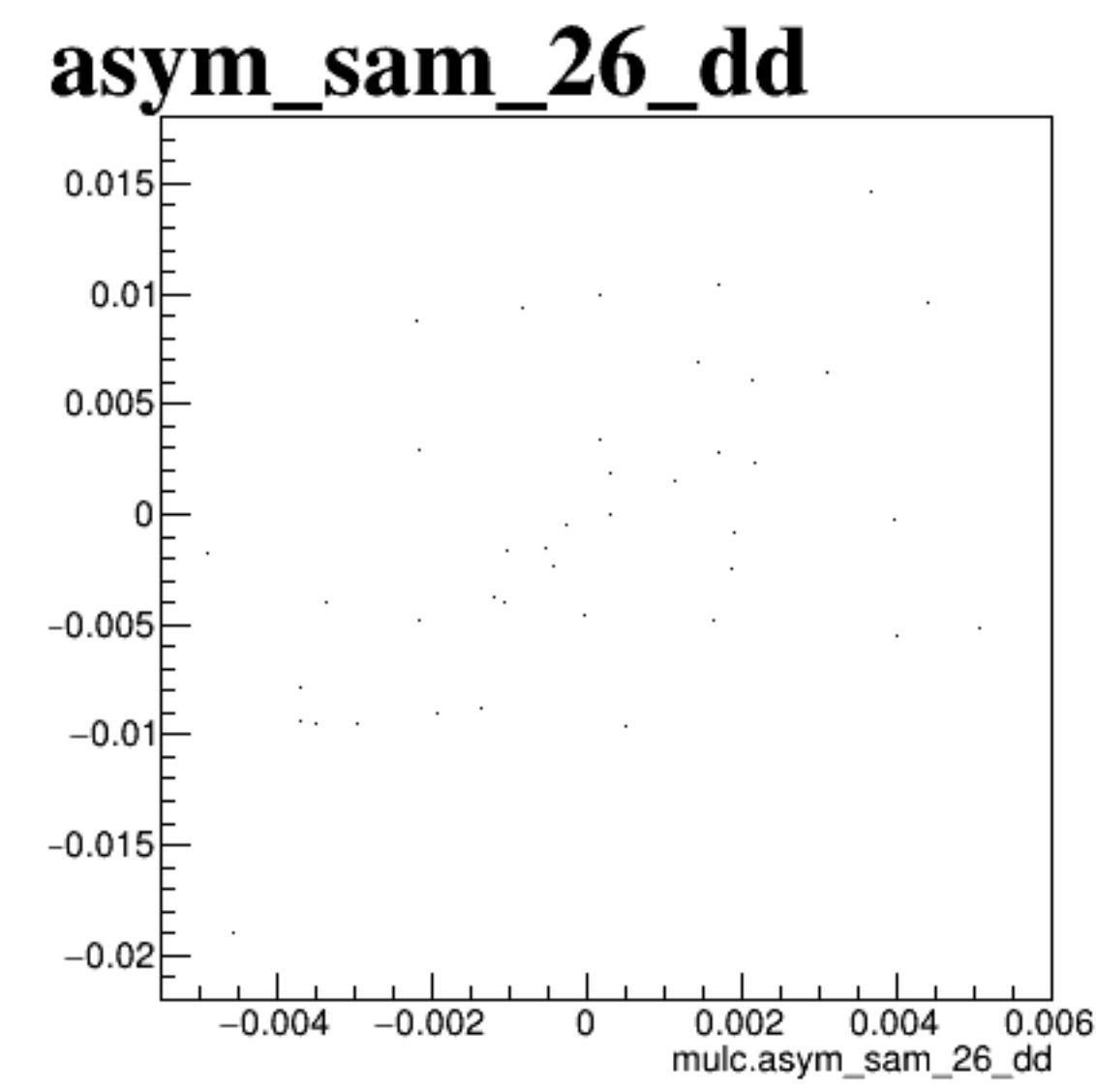
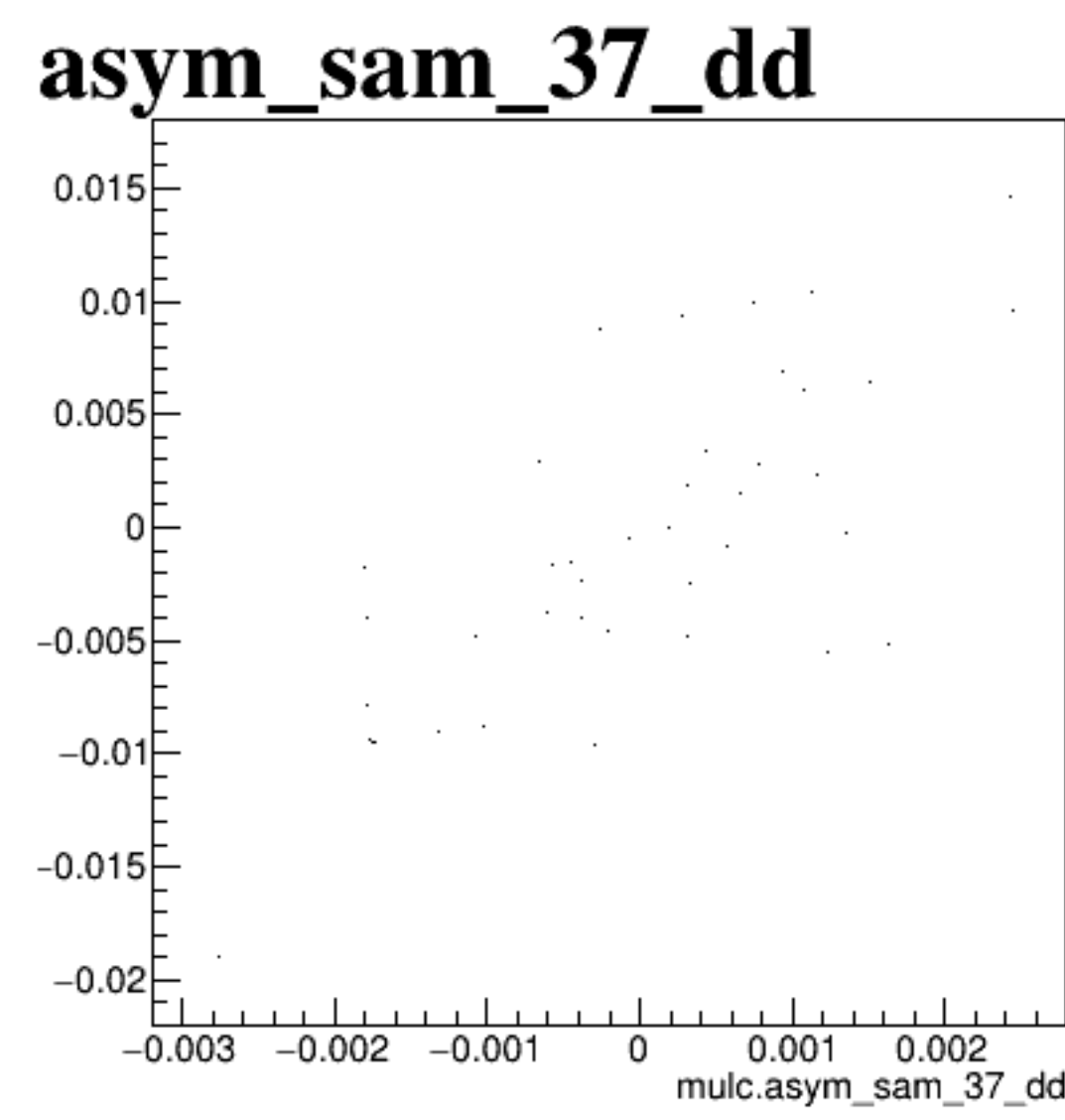
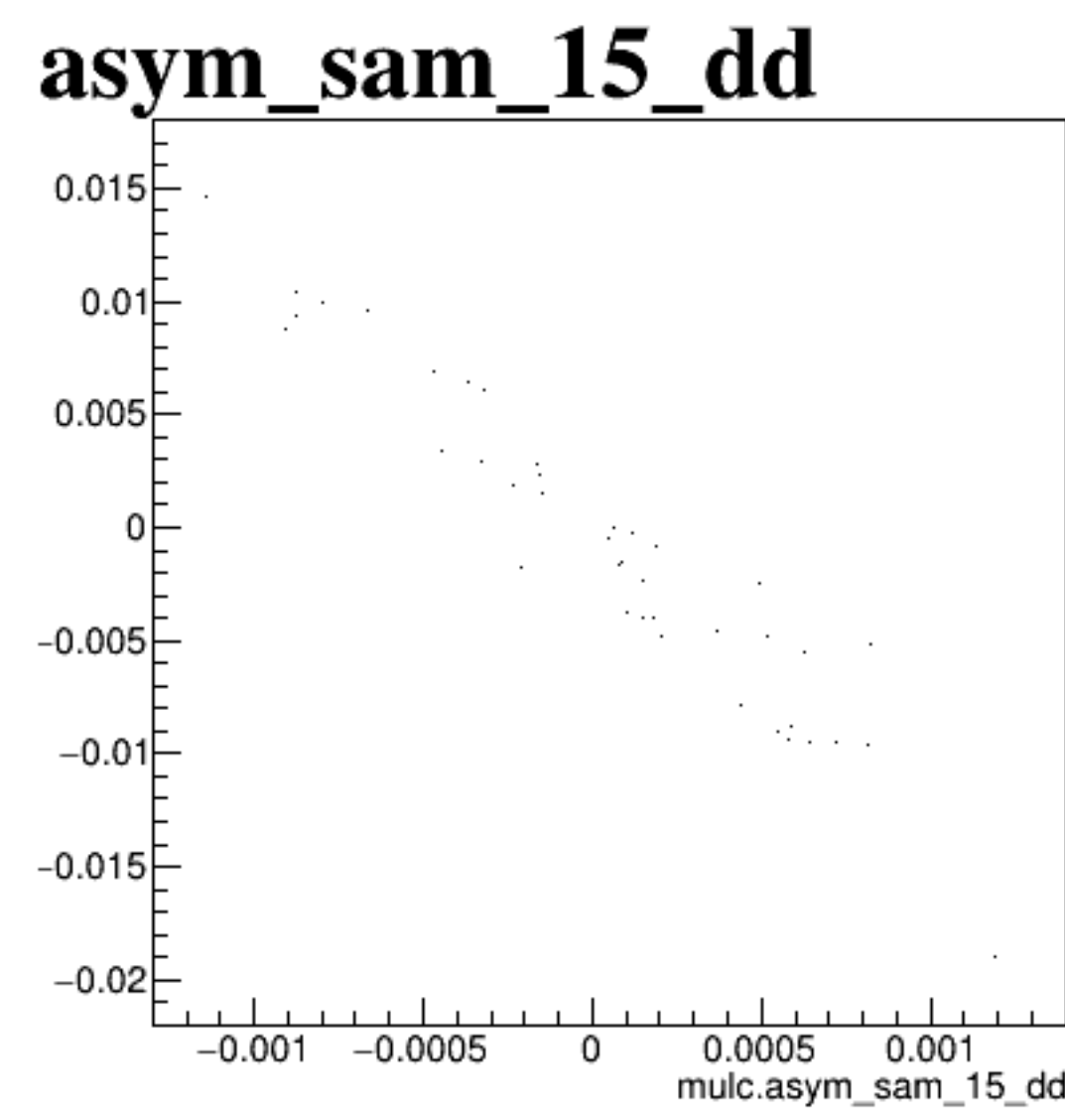
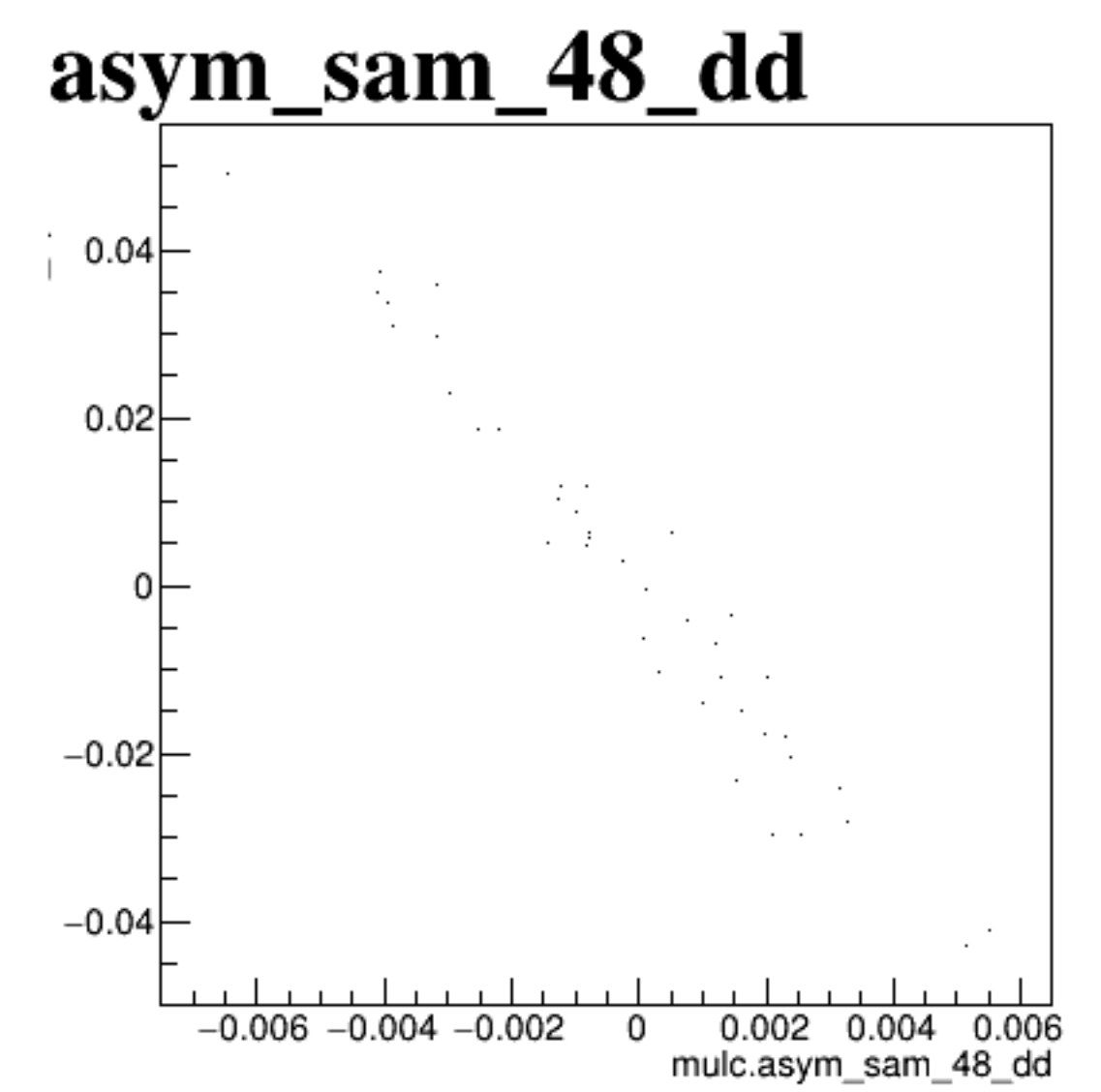
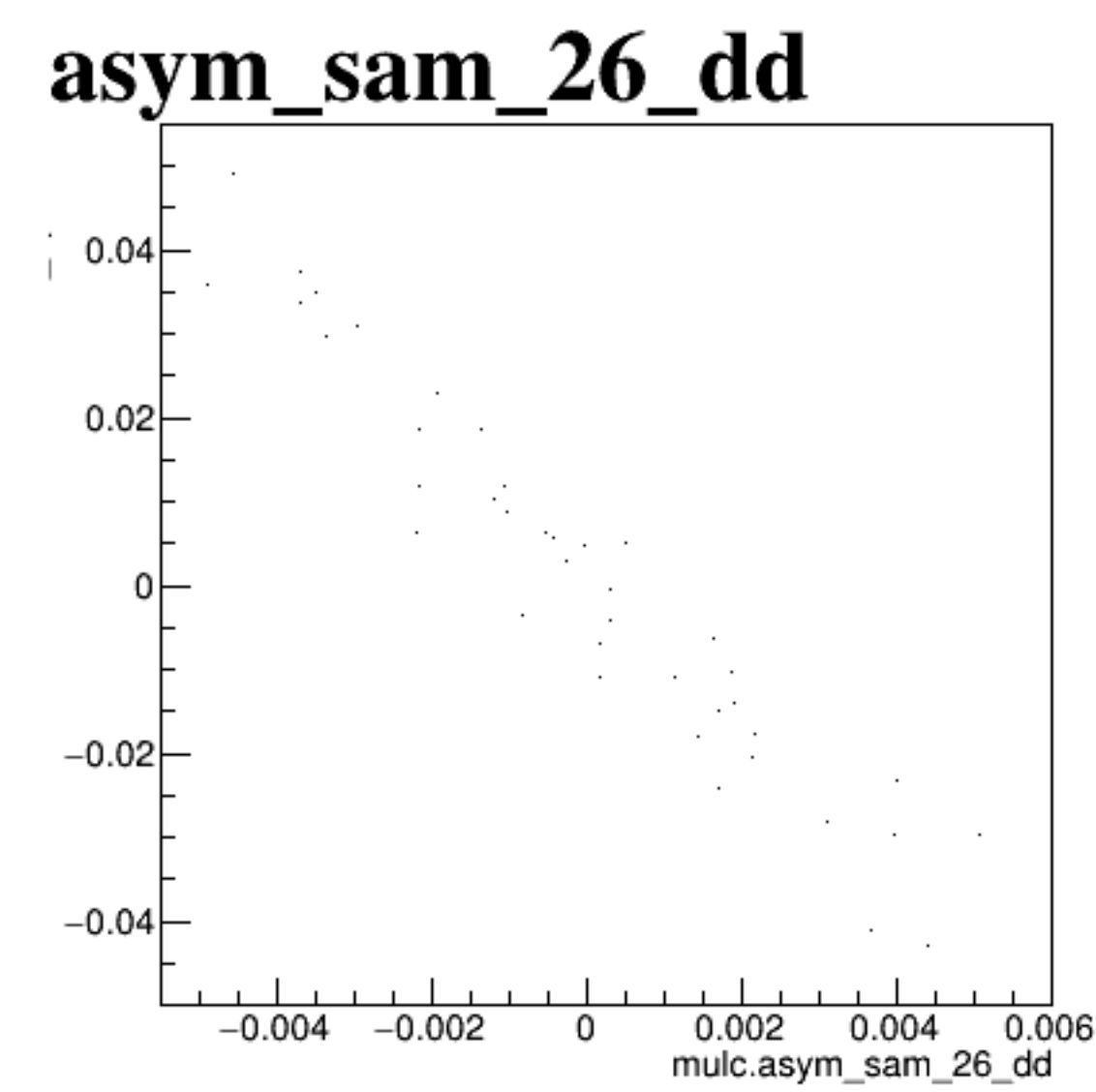
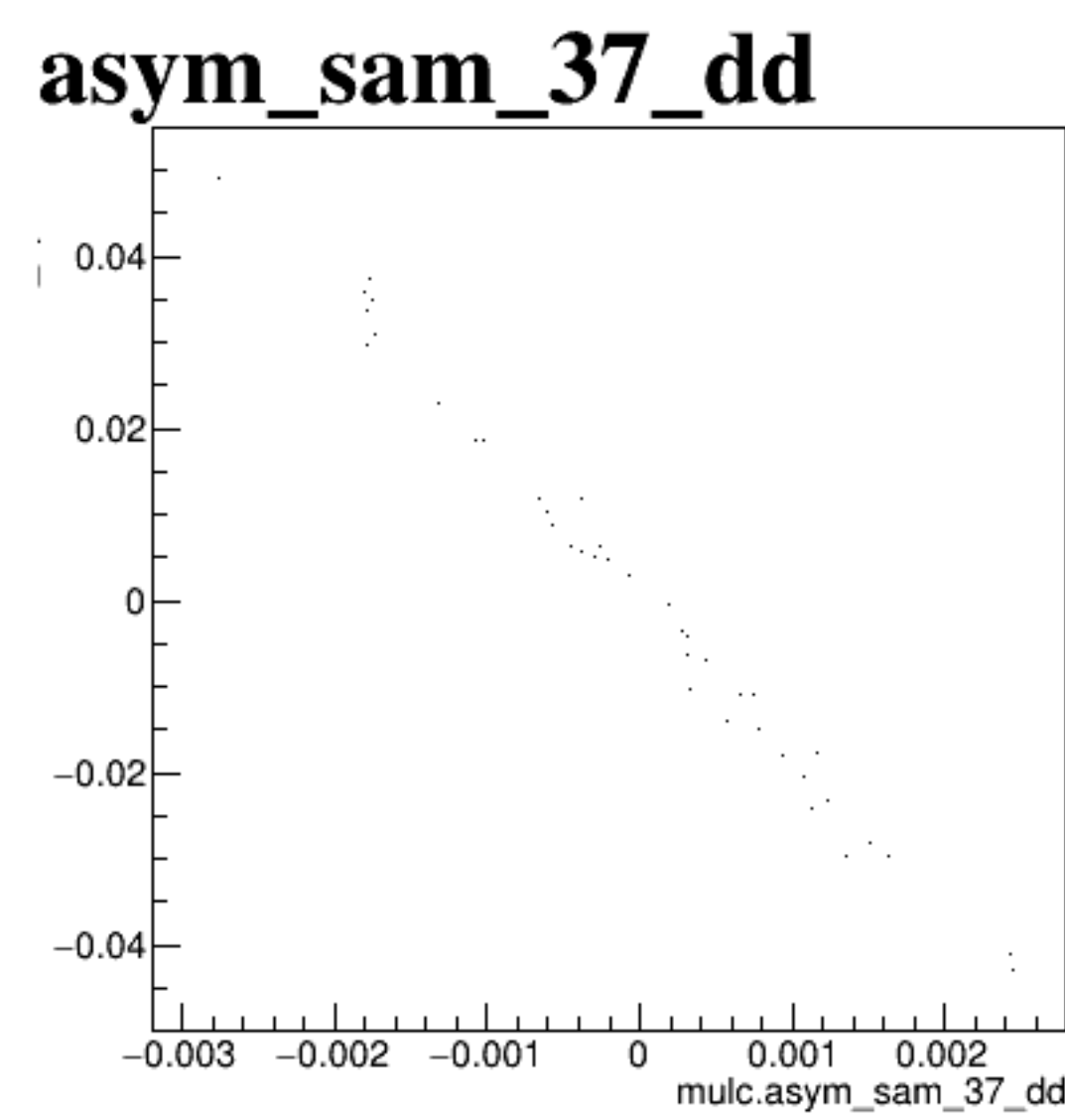
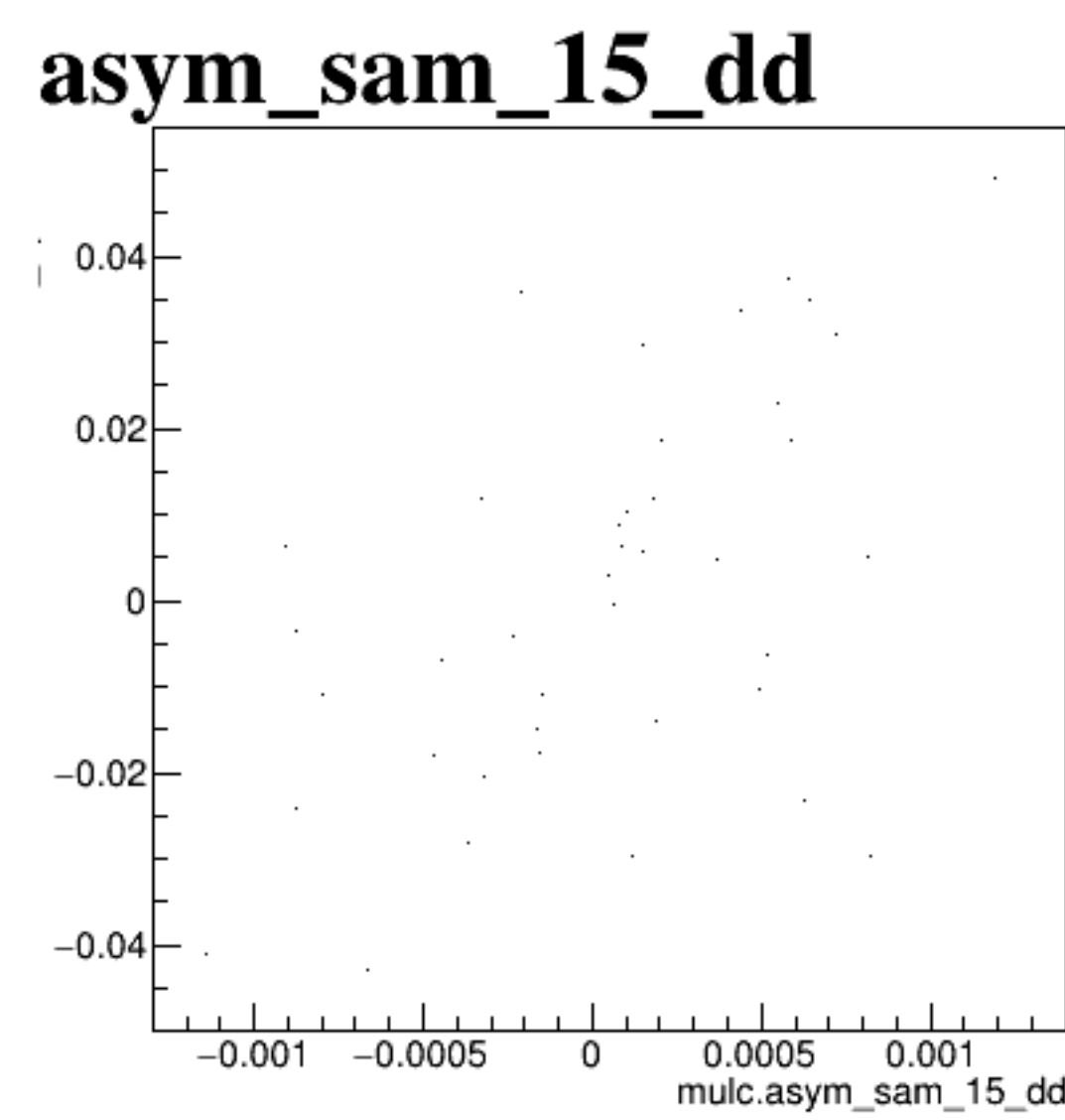


diff_bpm12X

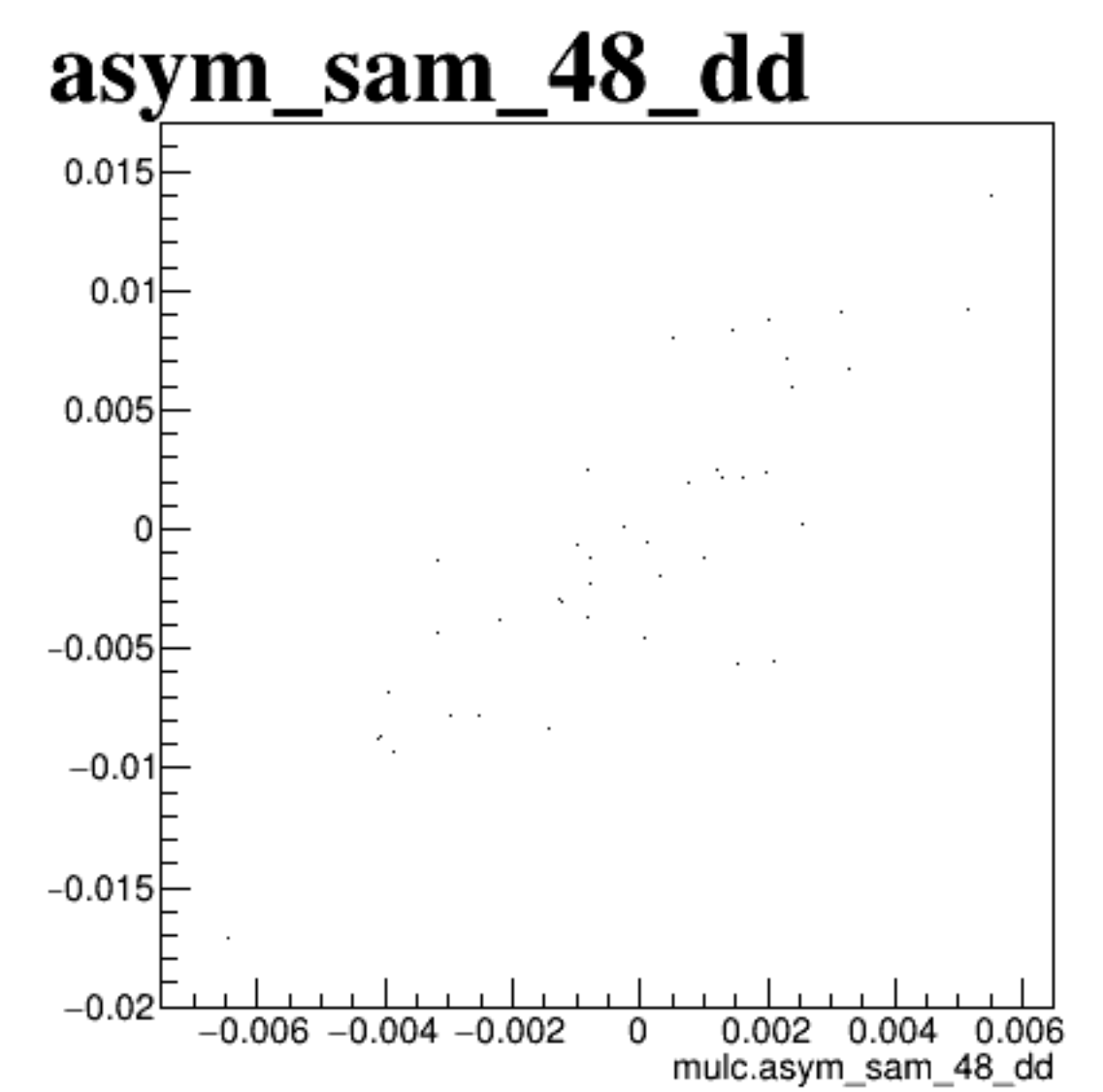
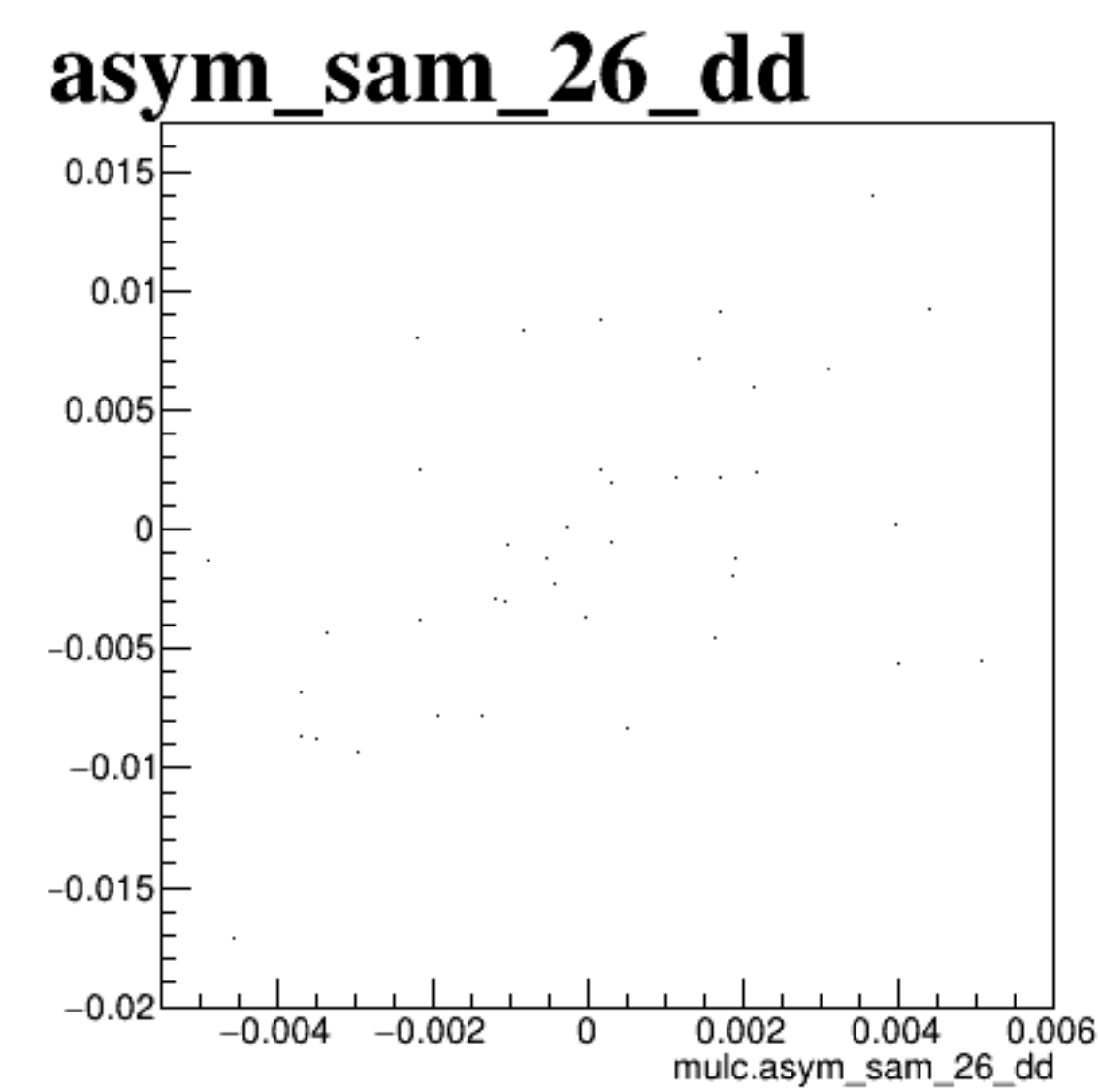
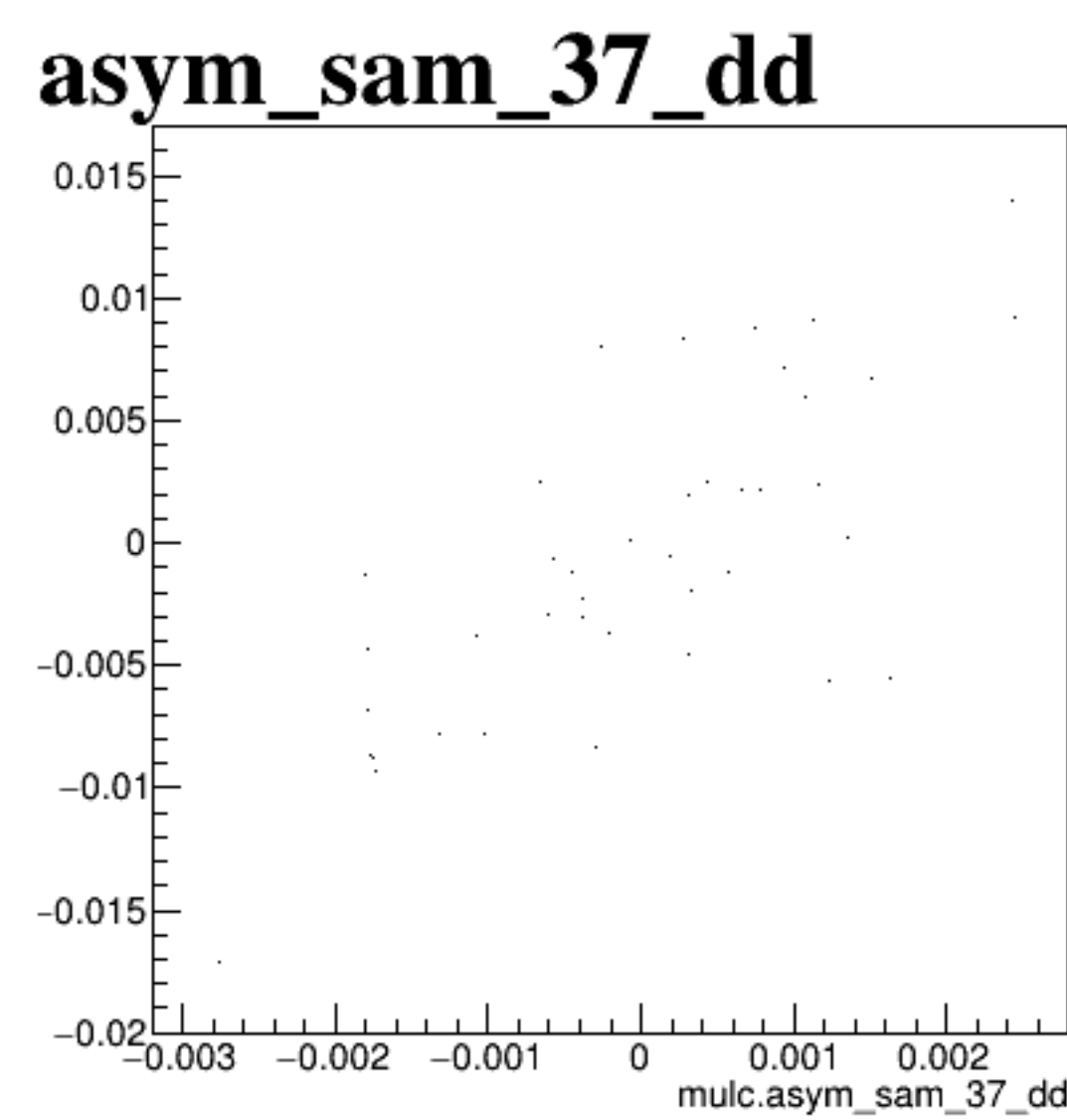
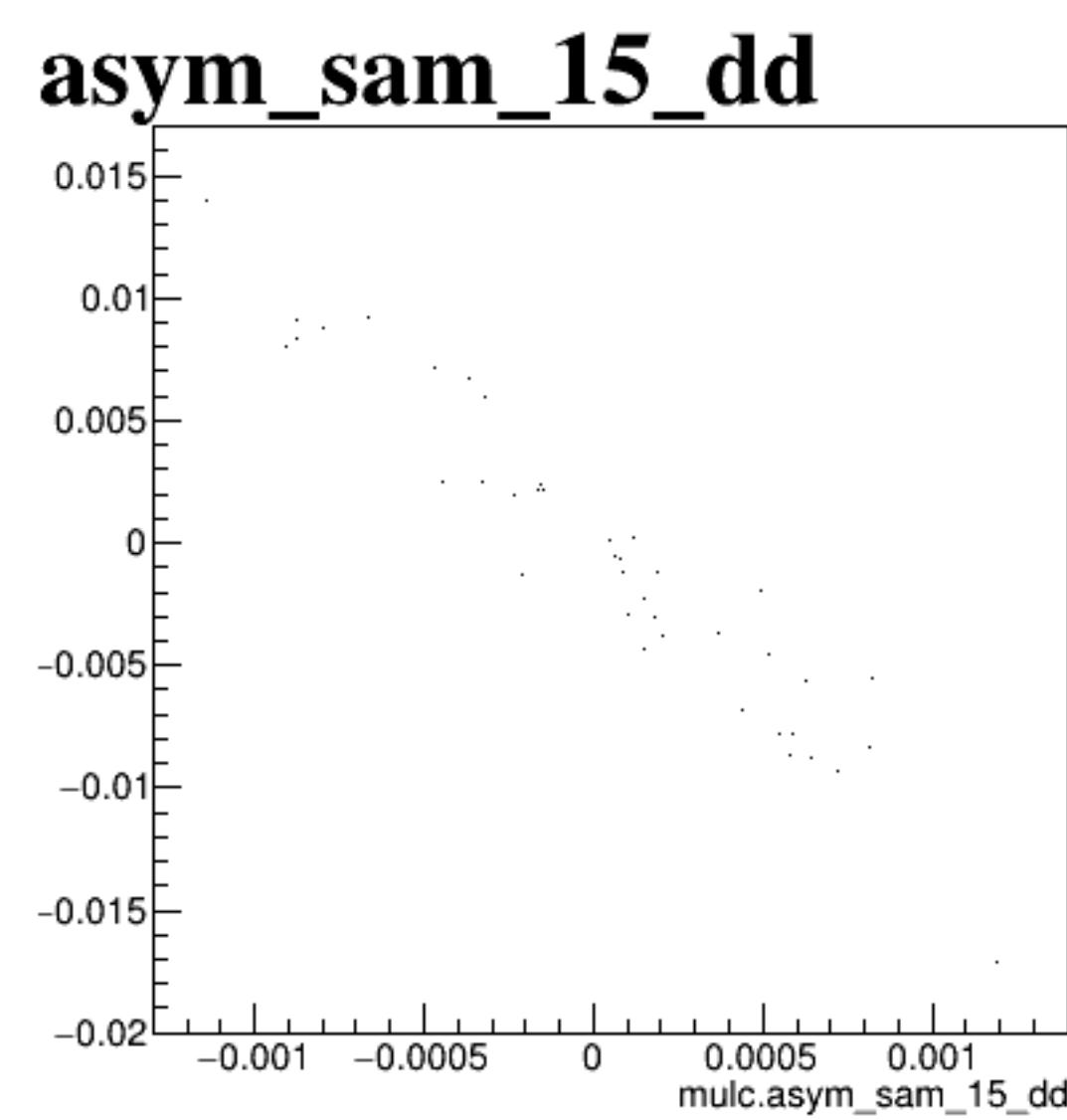


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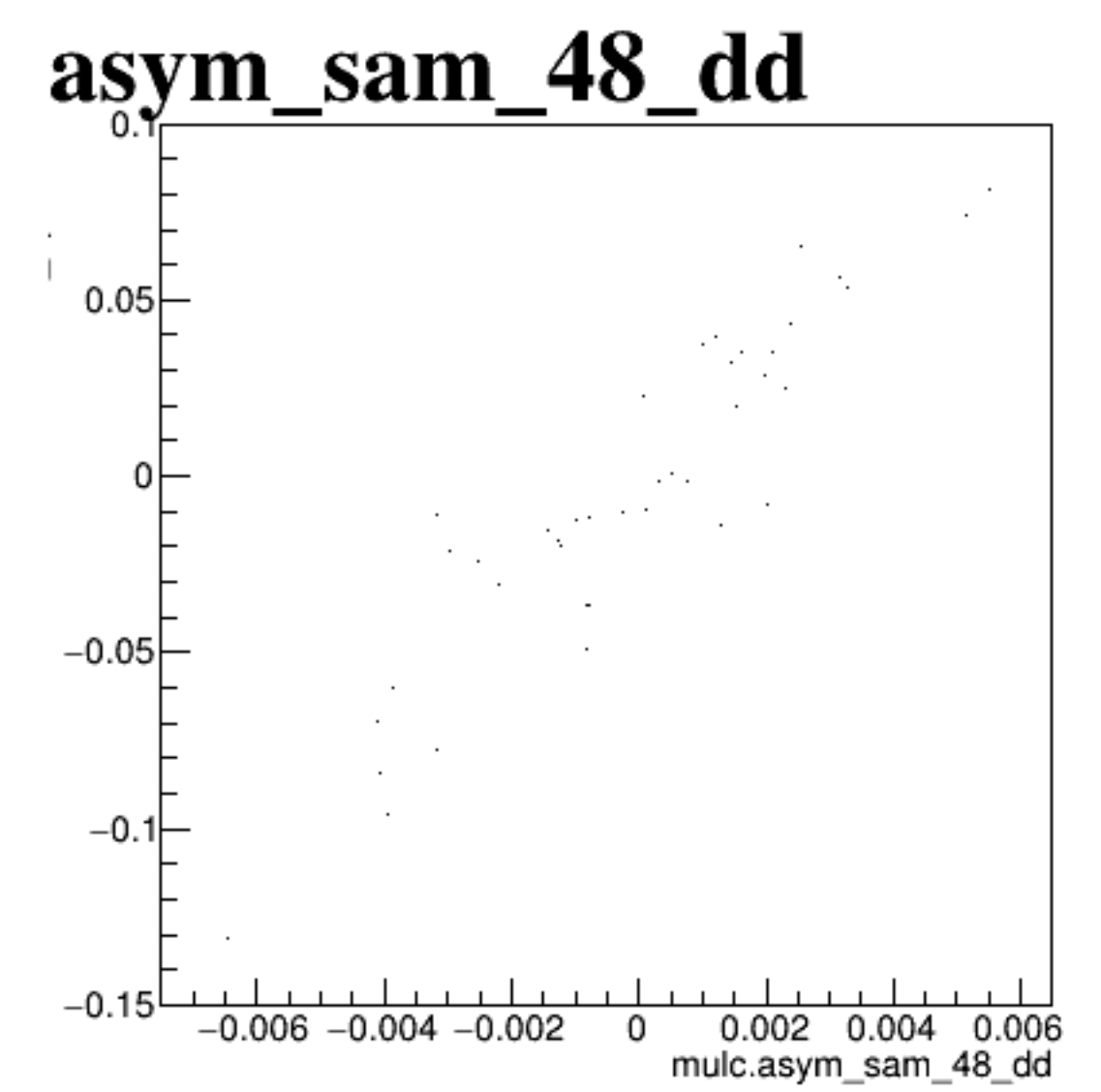
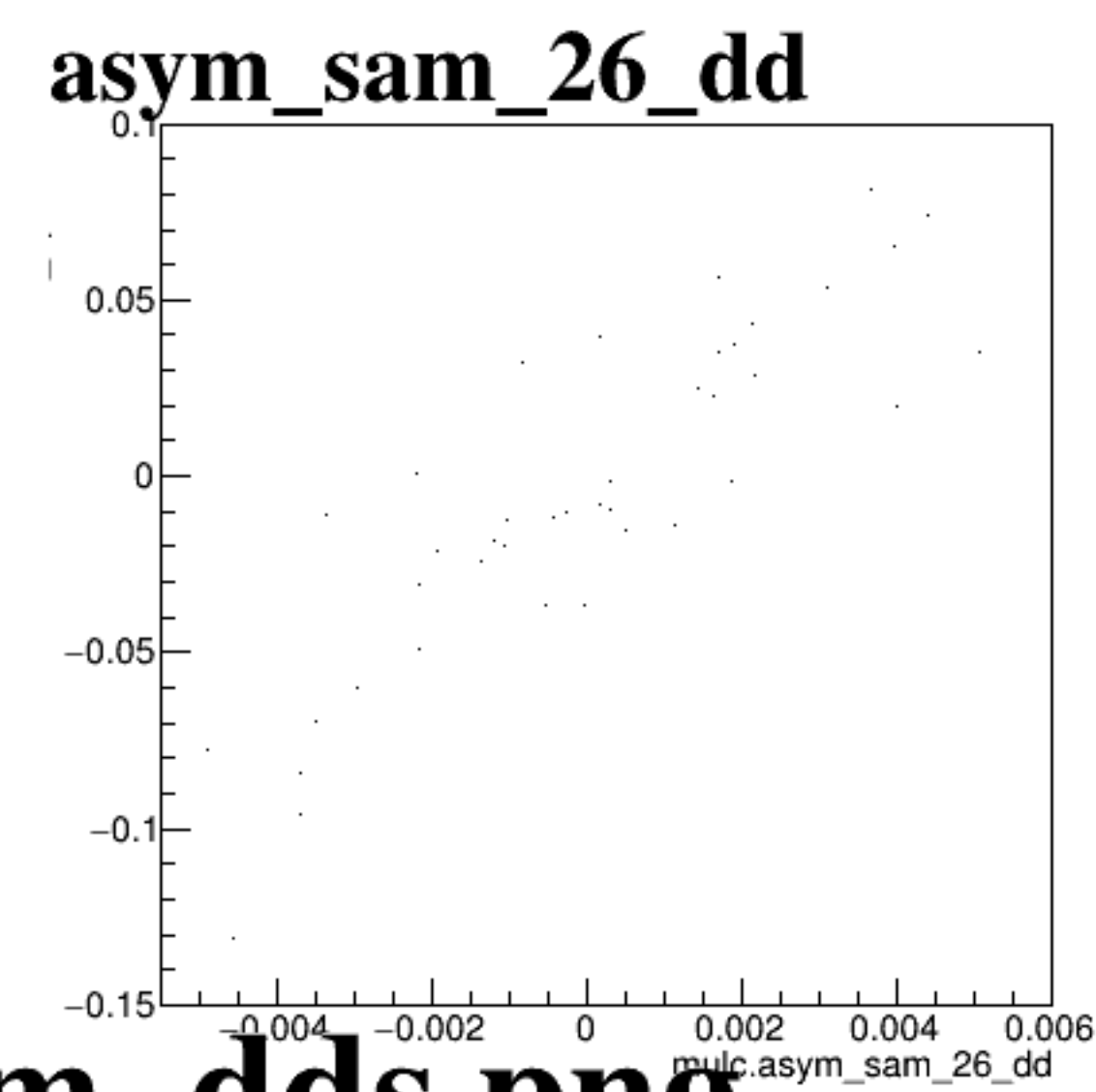
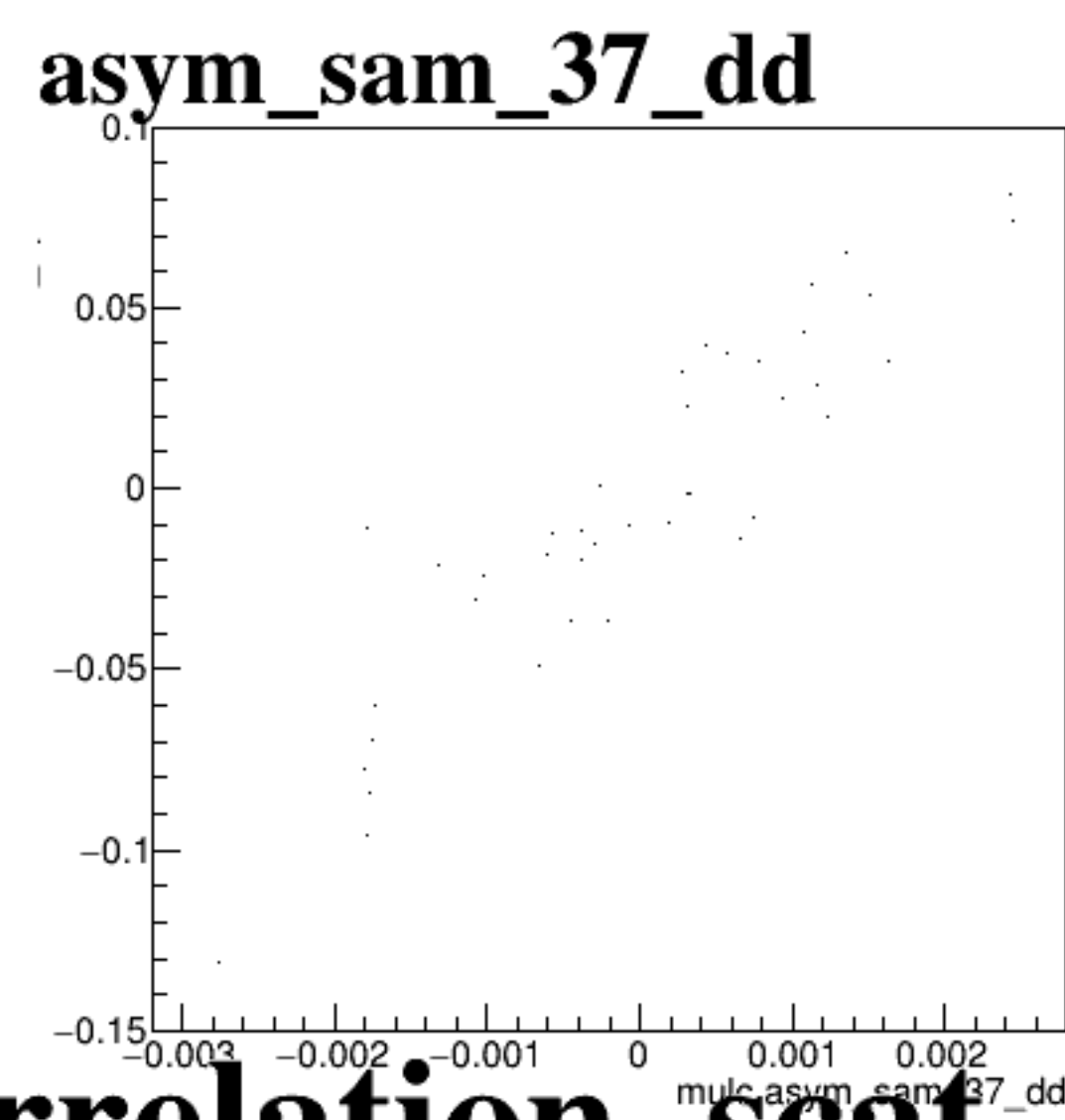
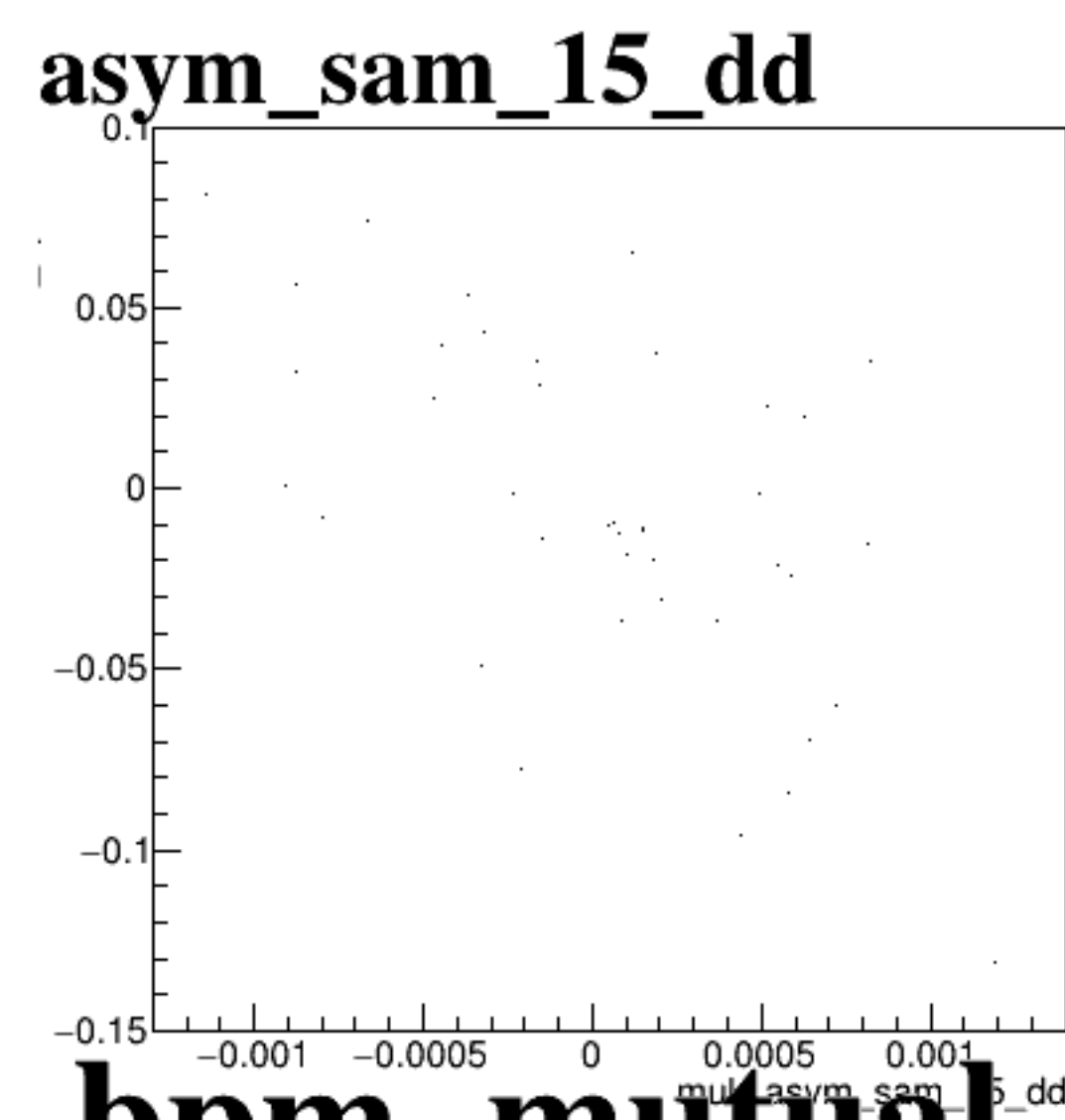
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**diff_bpm4eX**

diff_bpm4eY

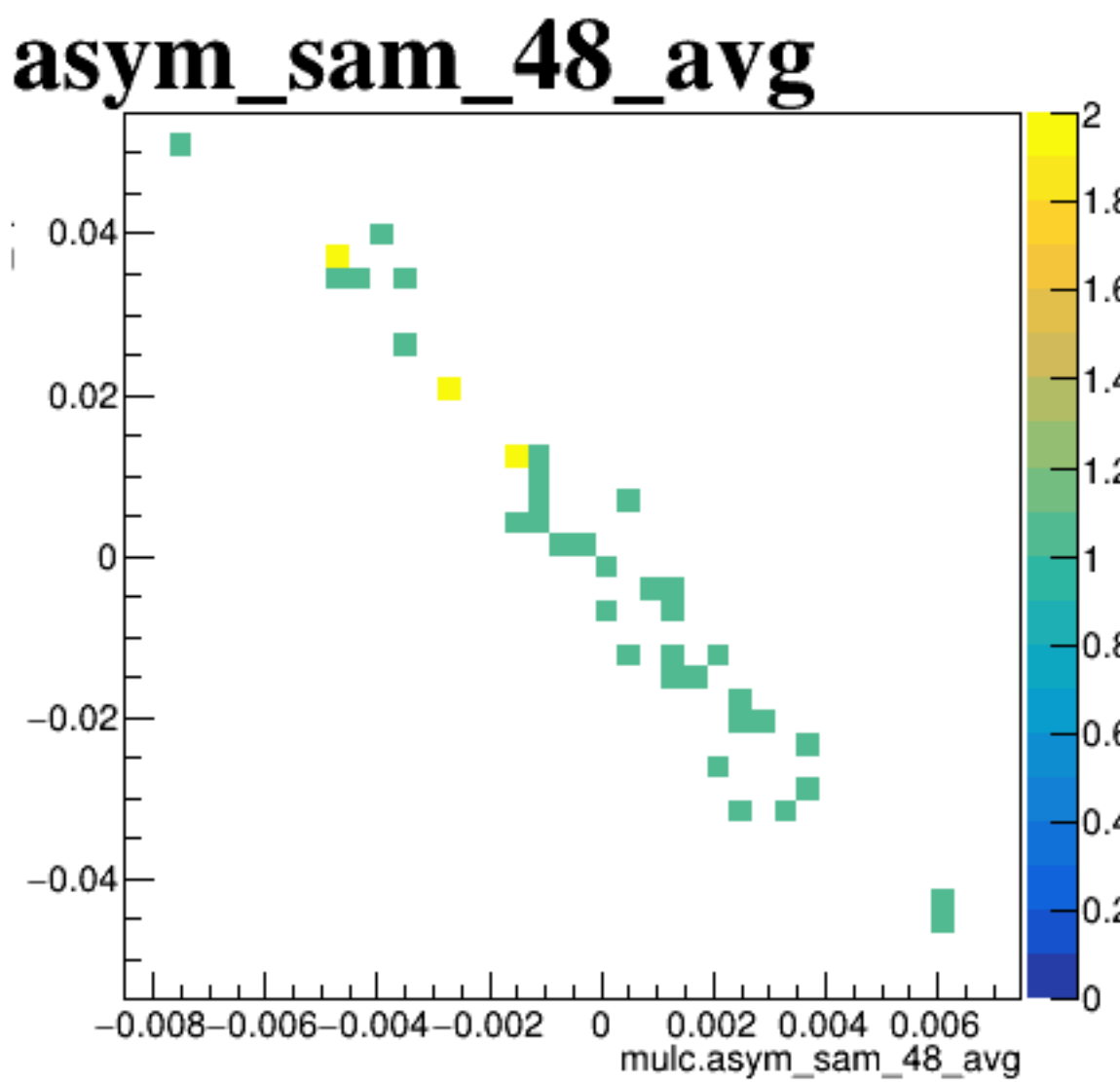
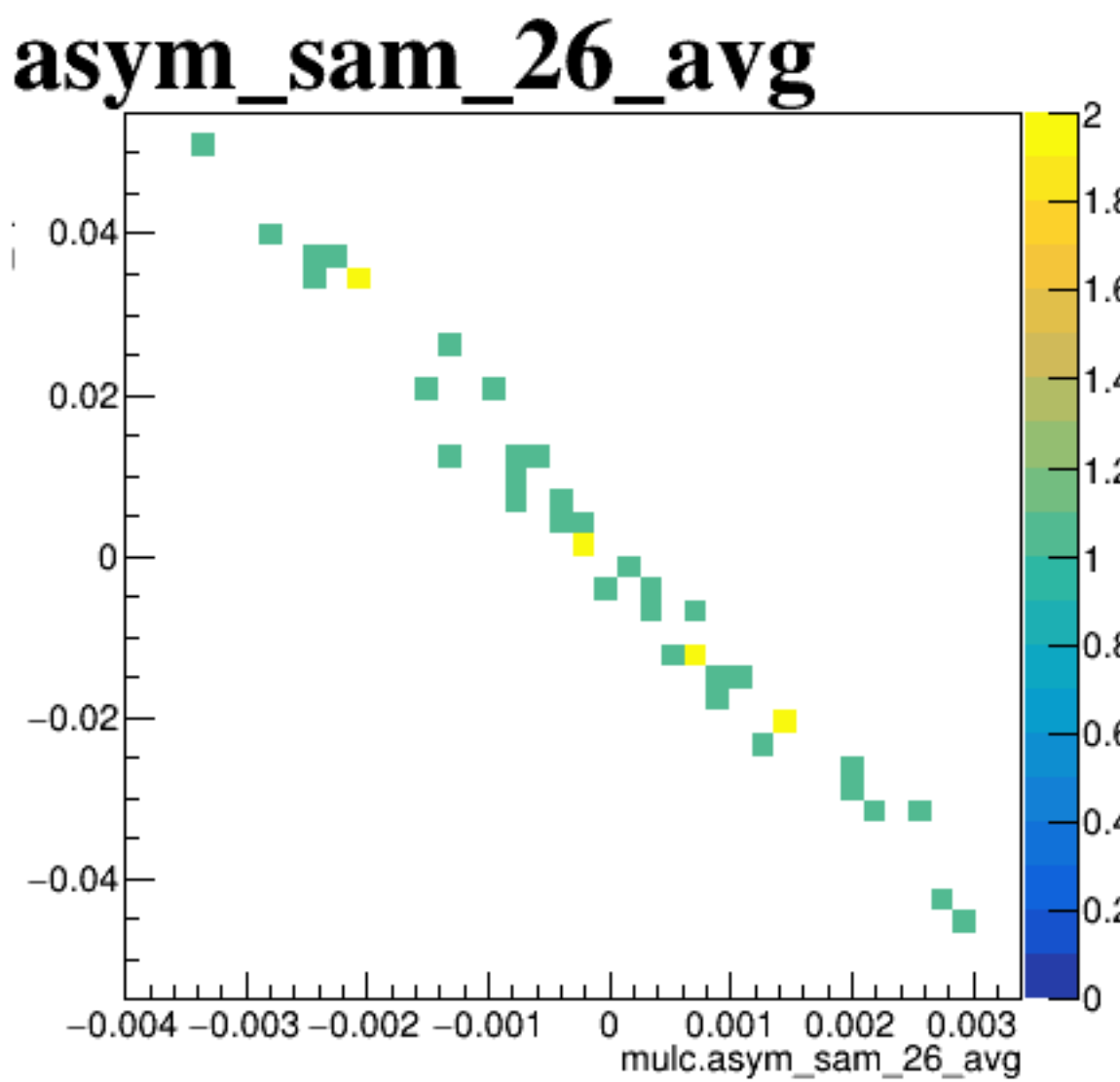
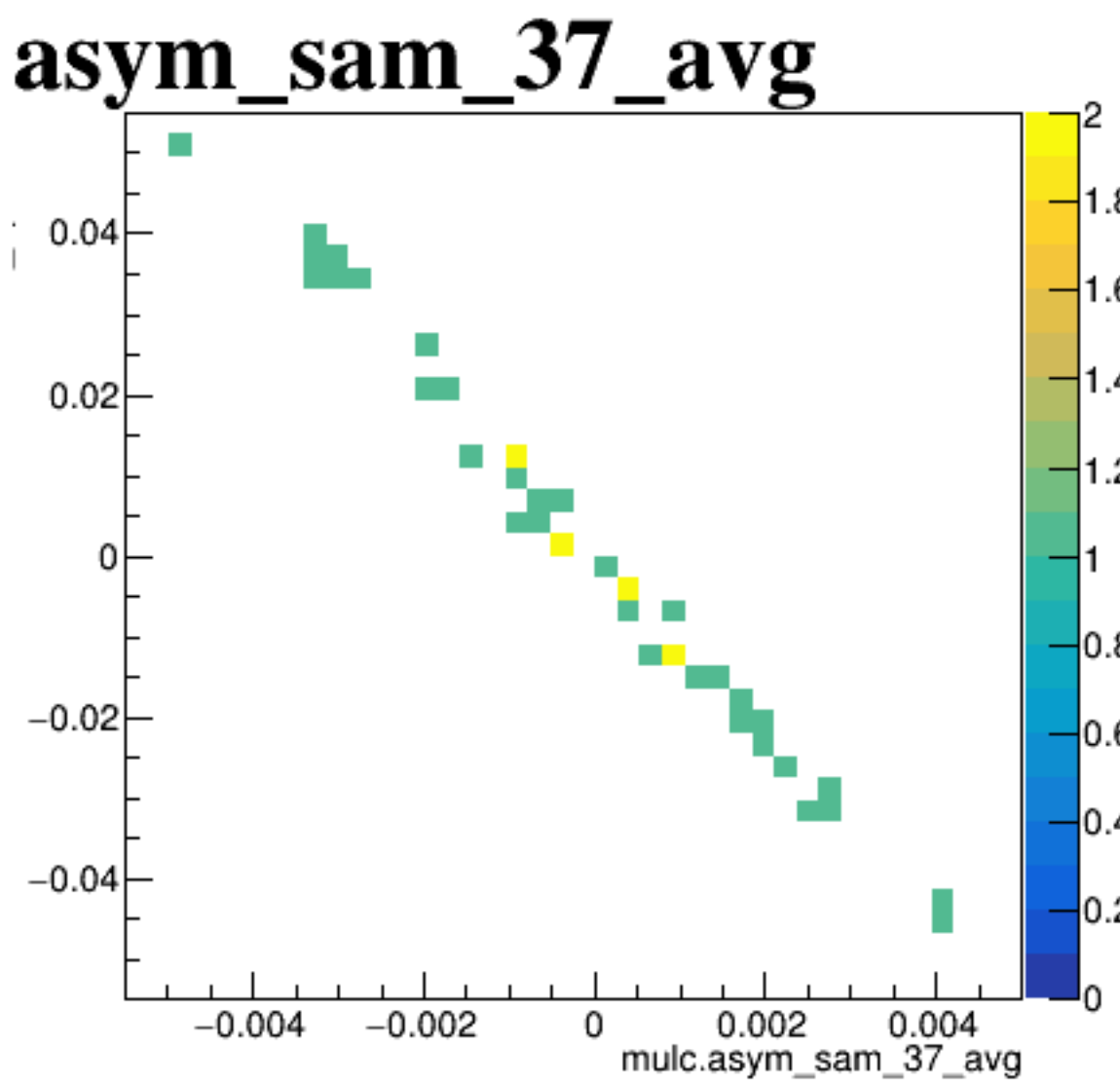
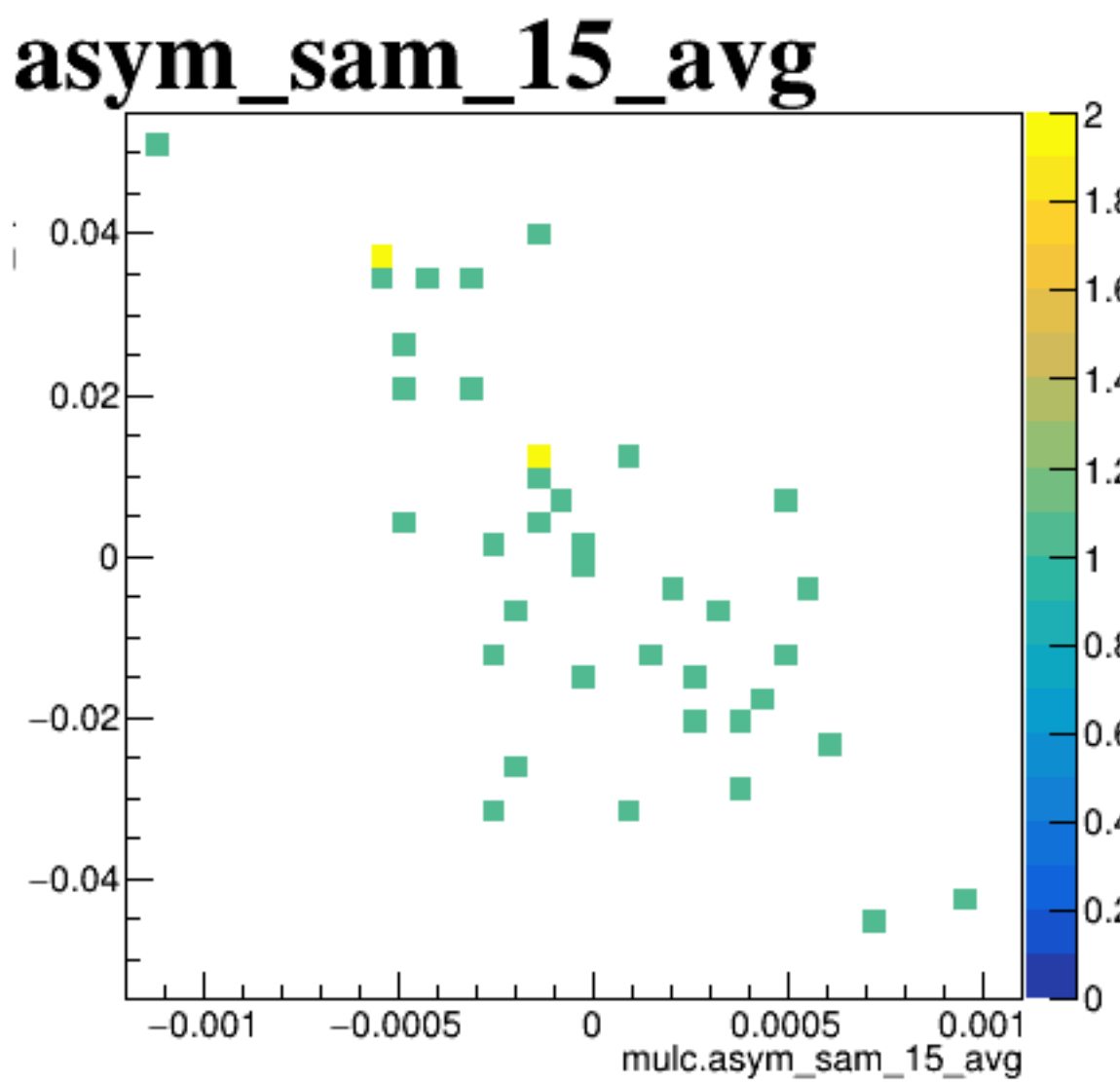


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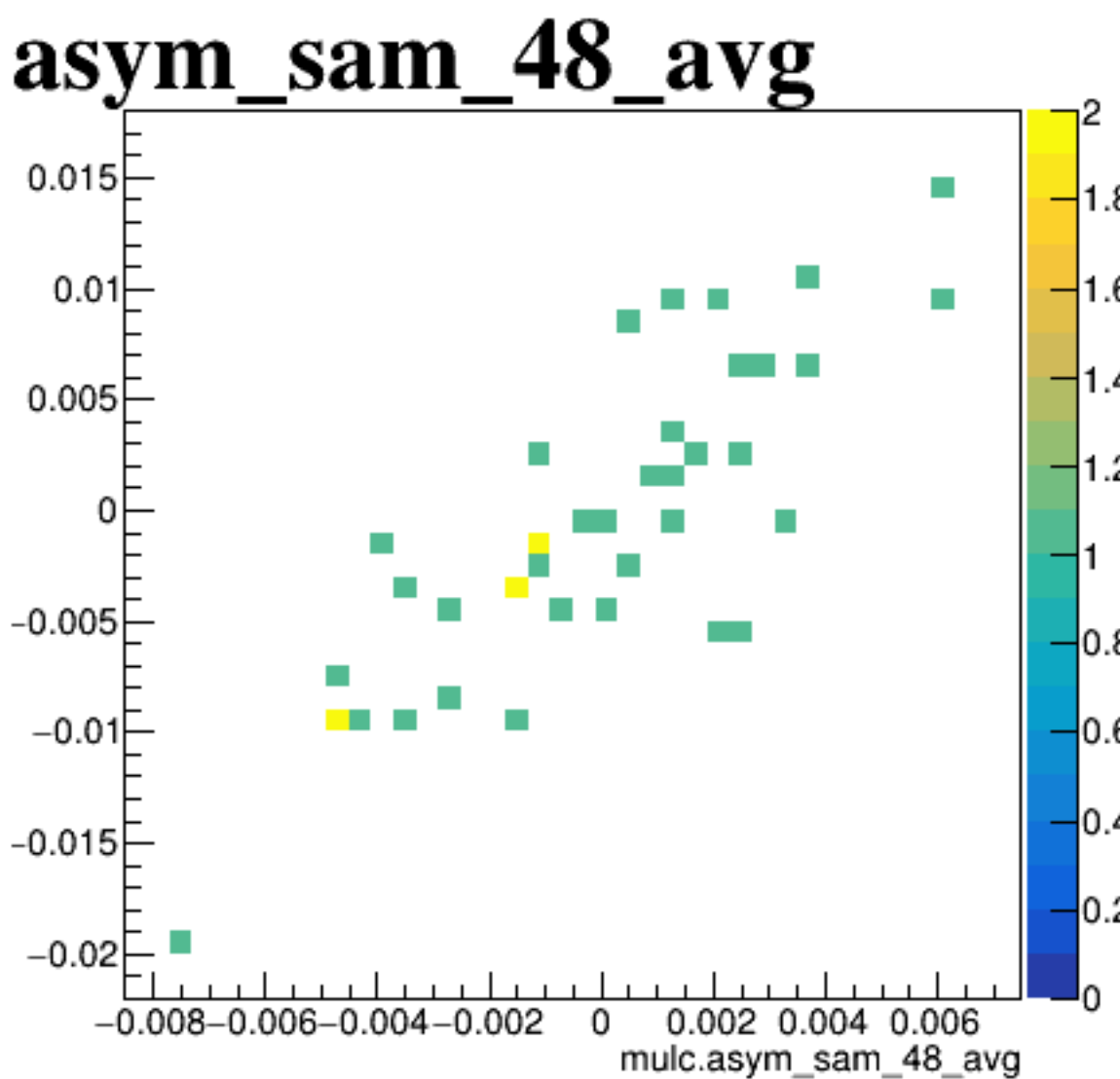
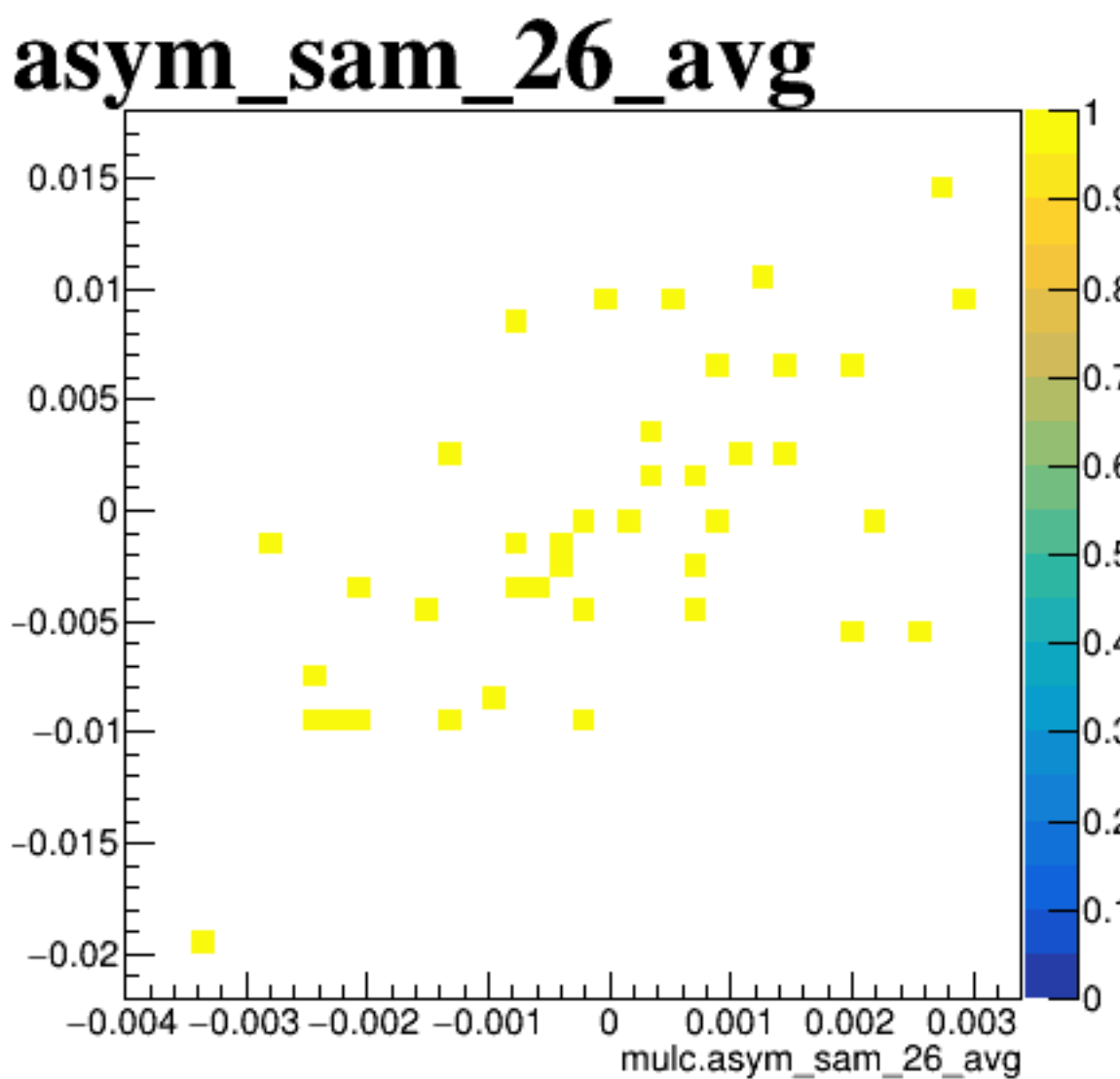
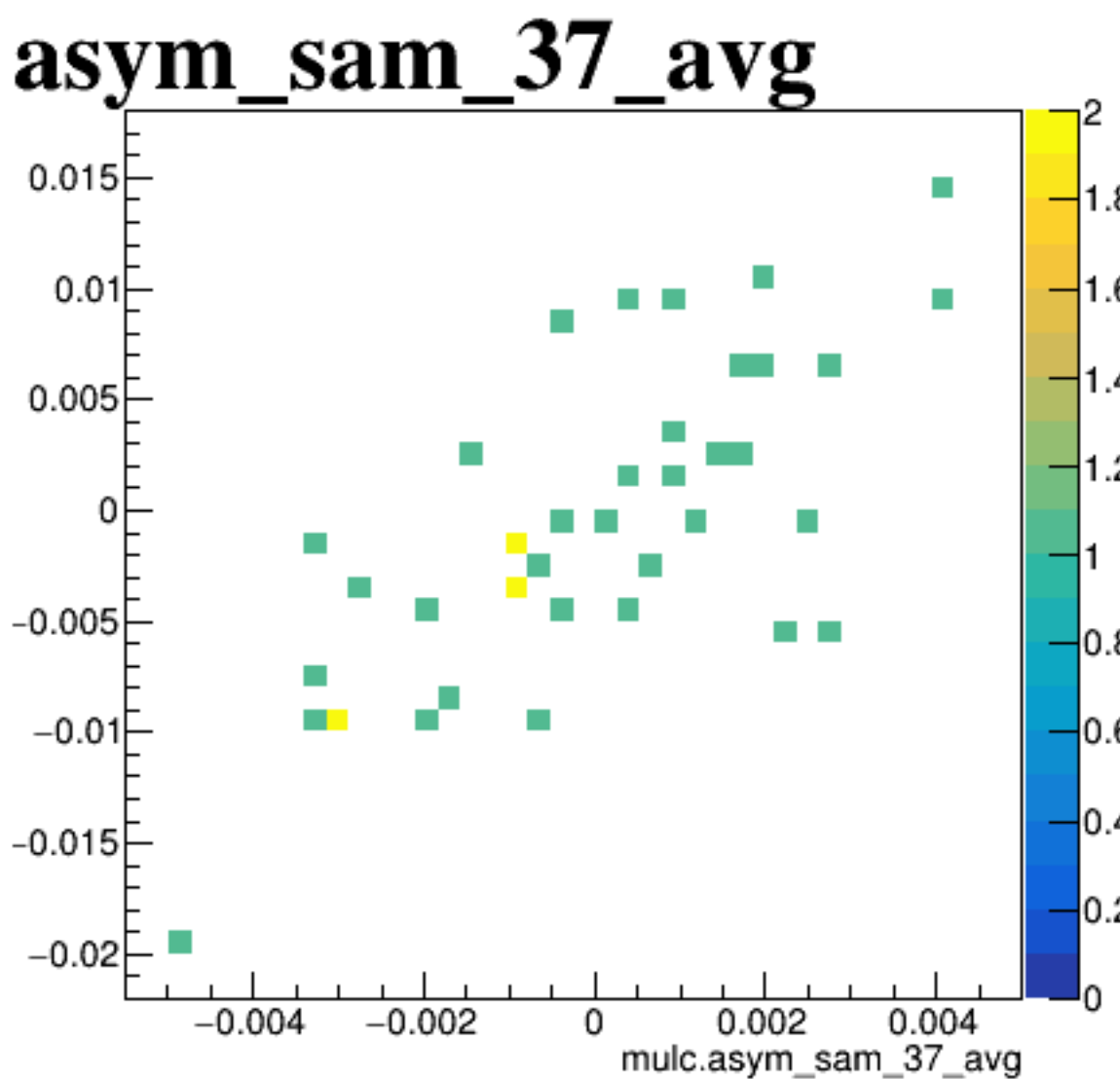
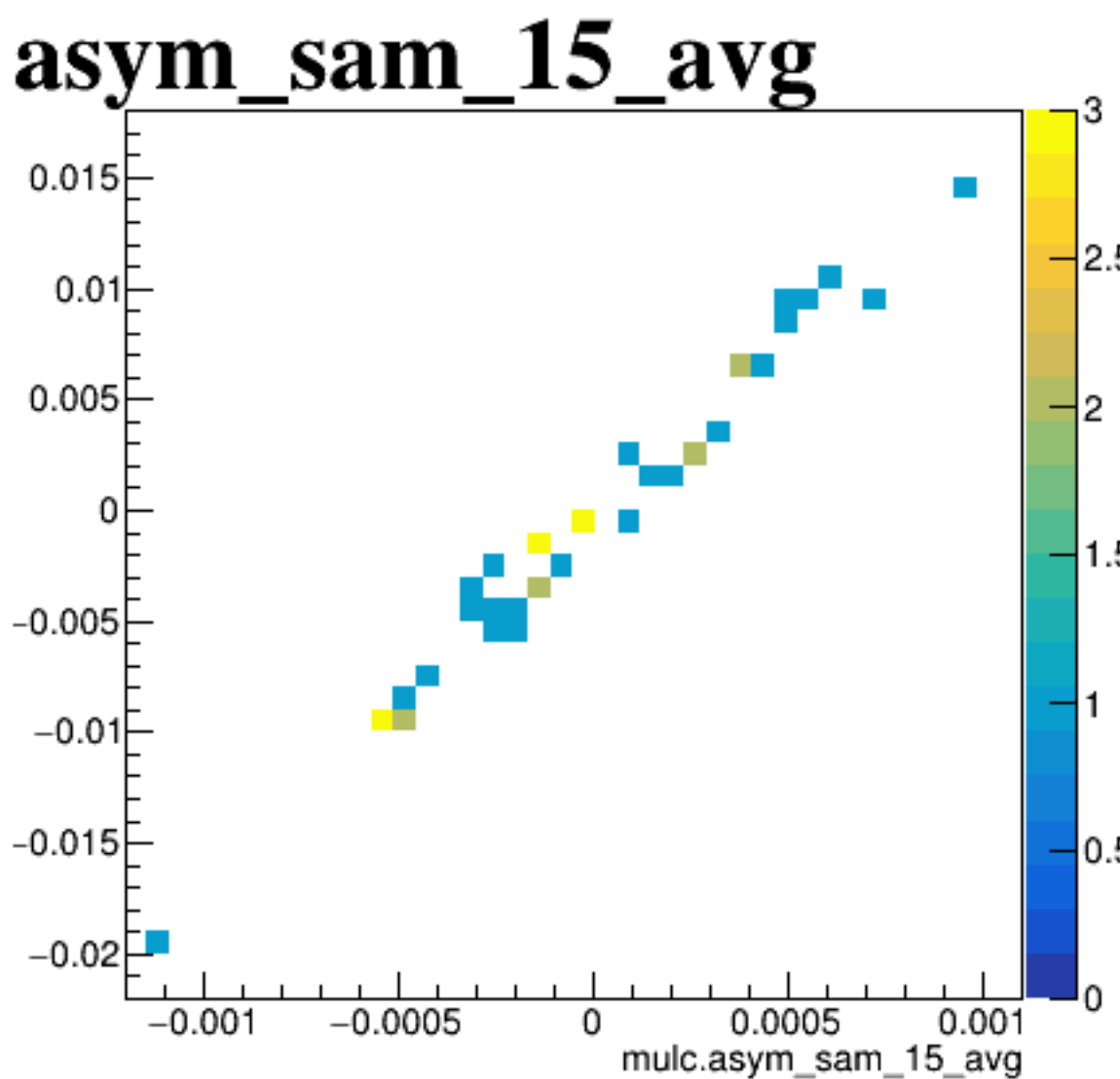


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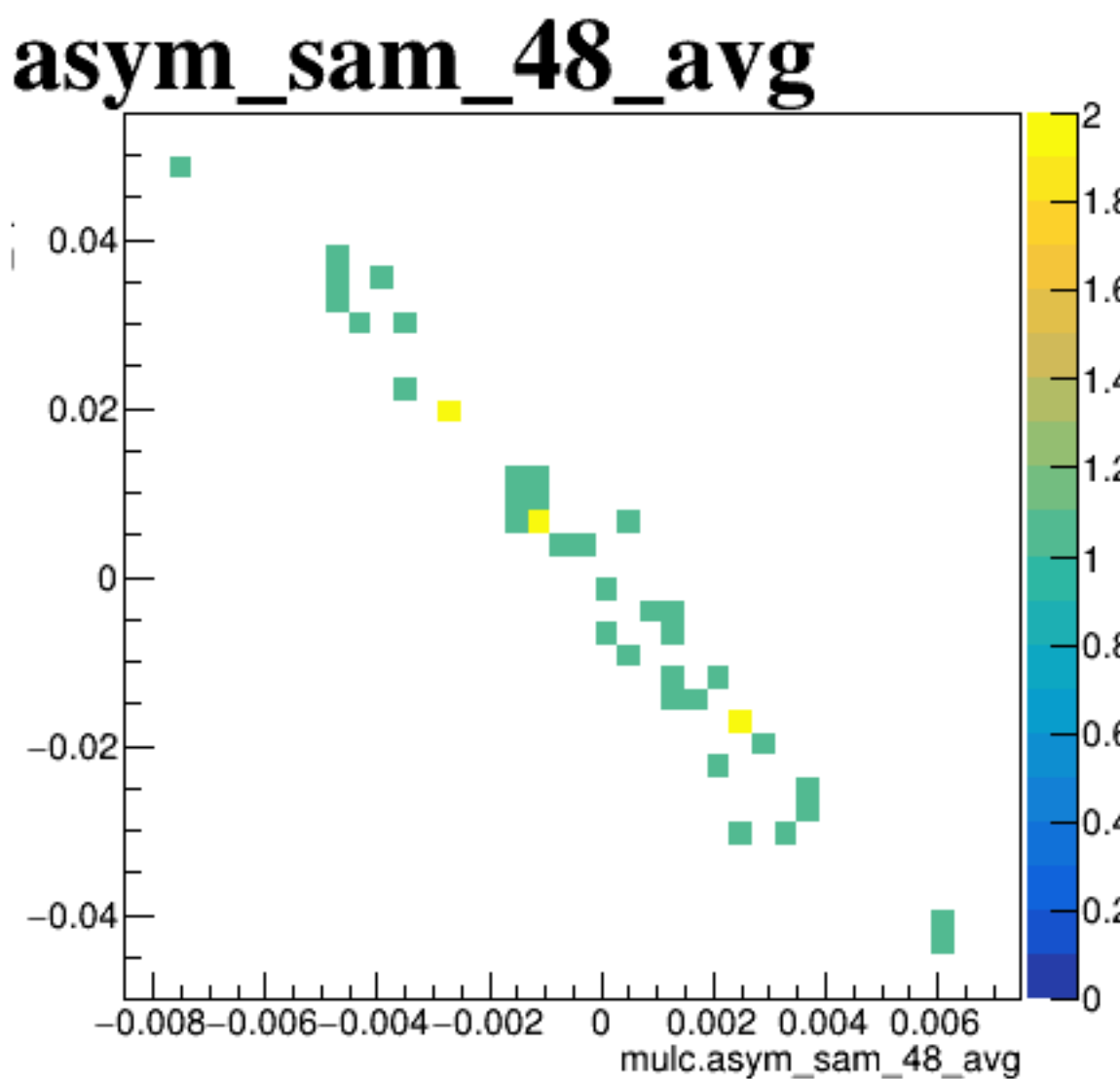
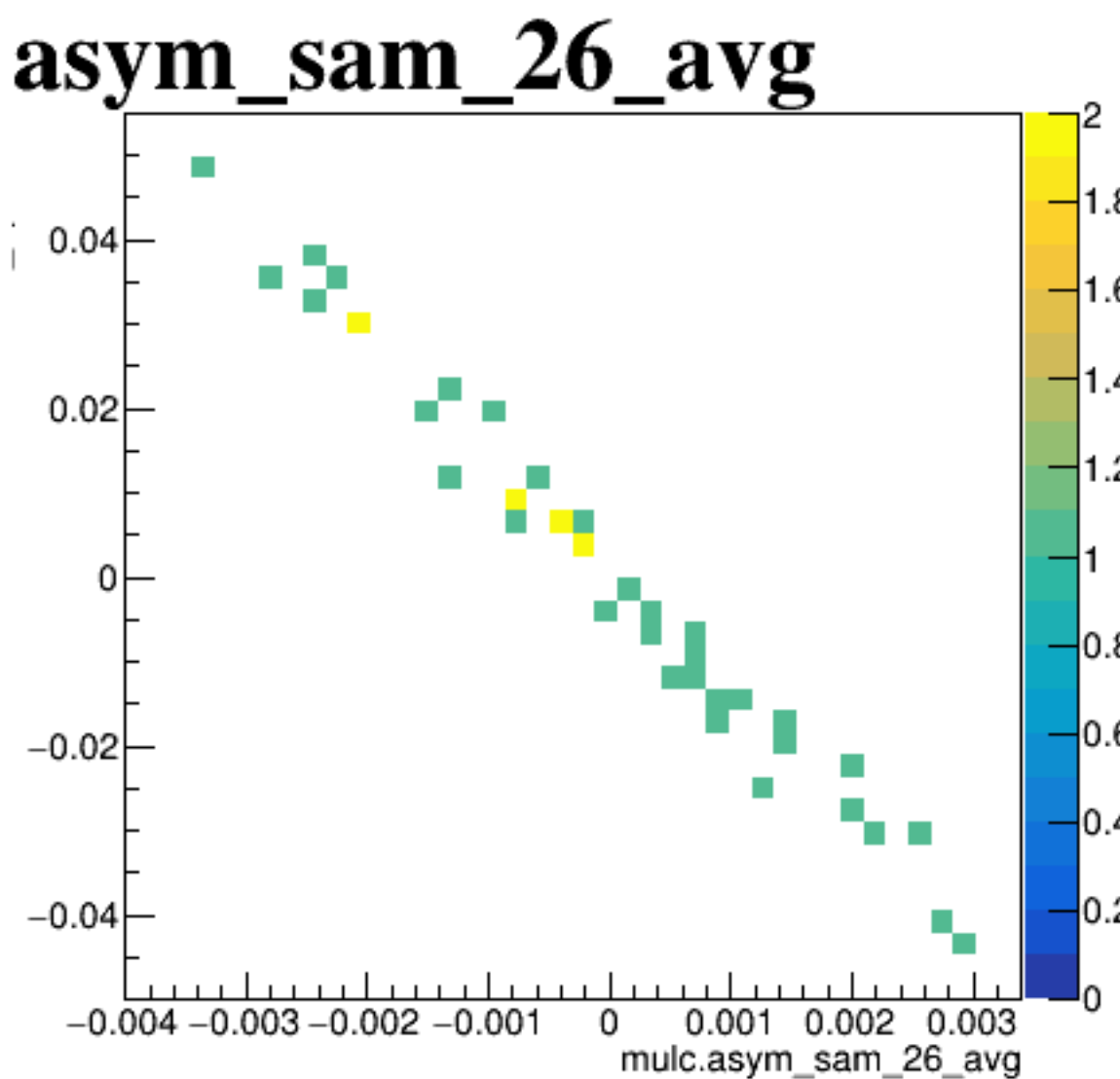
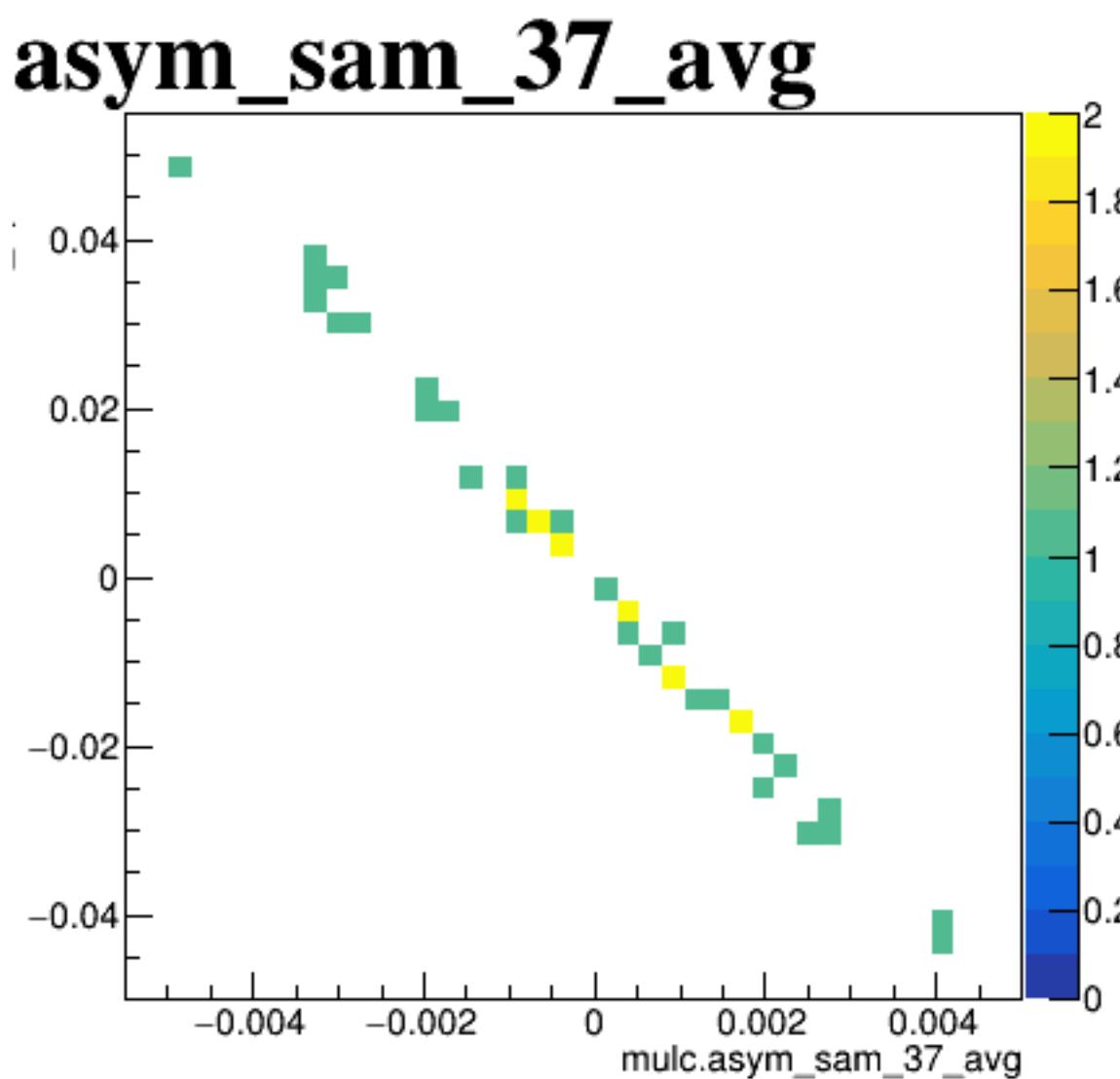
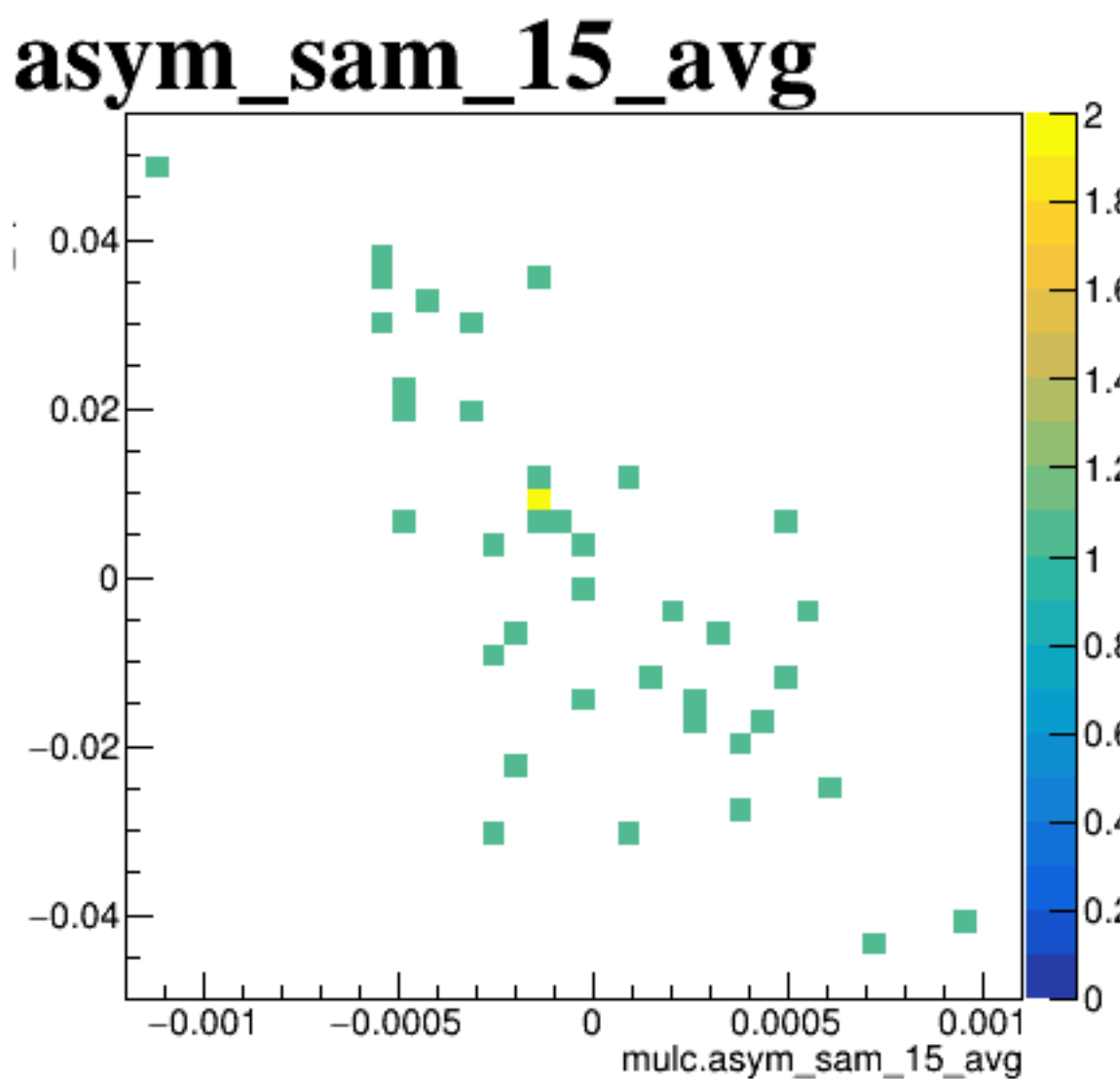
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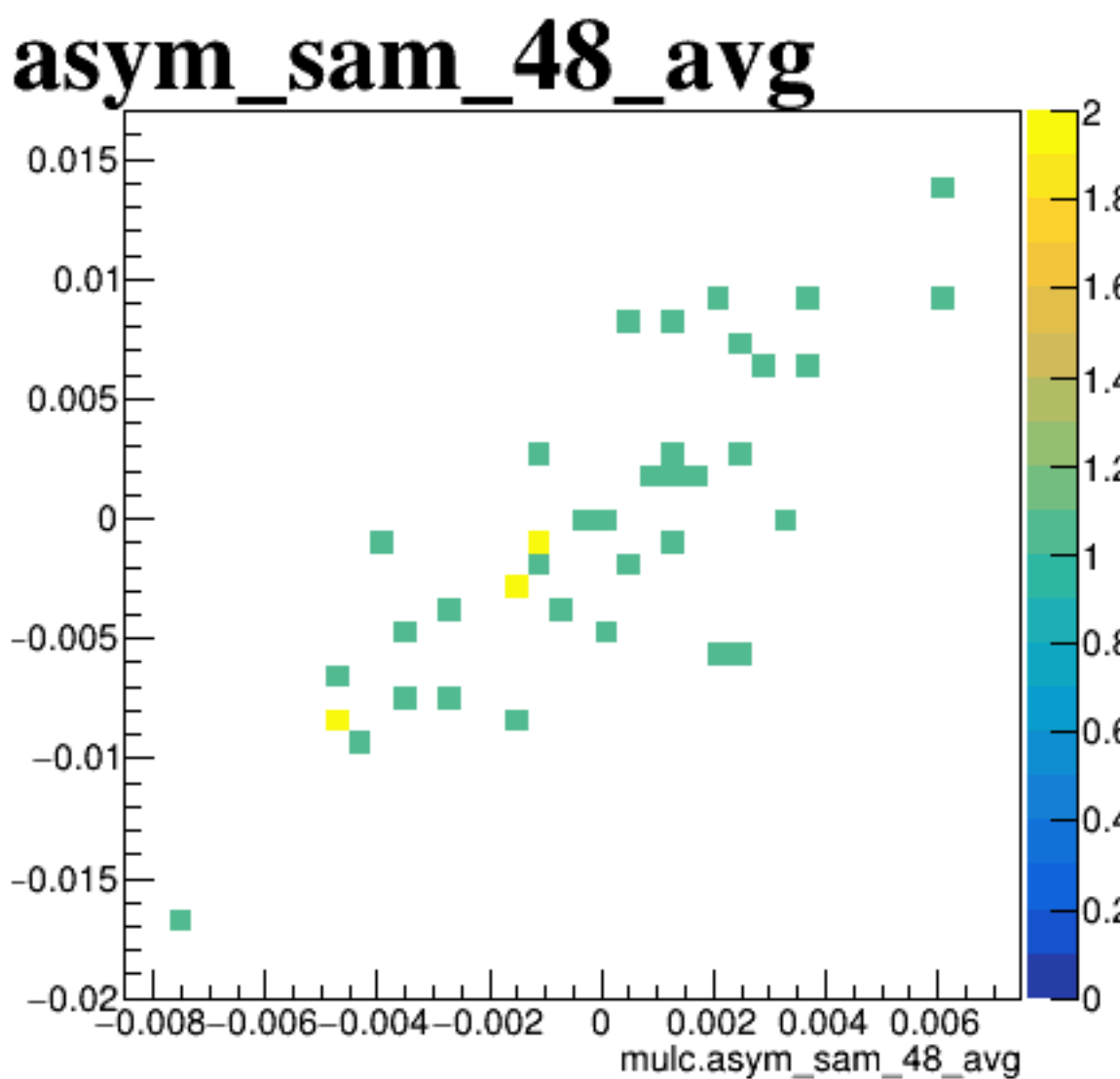
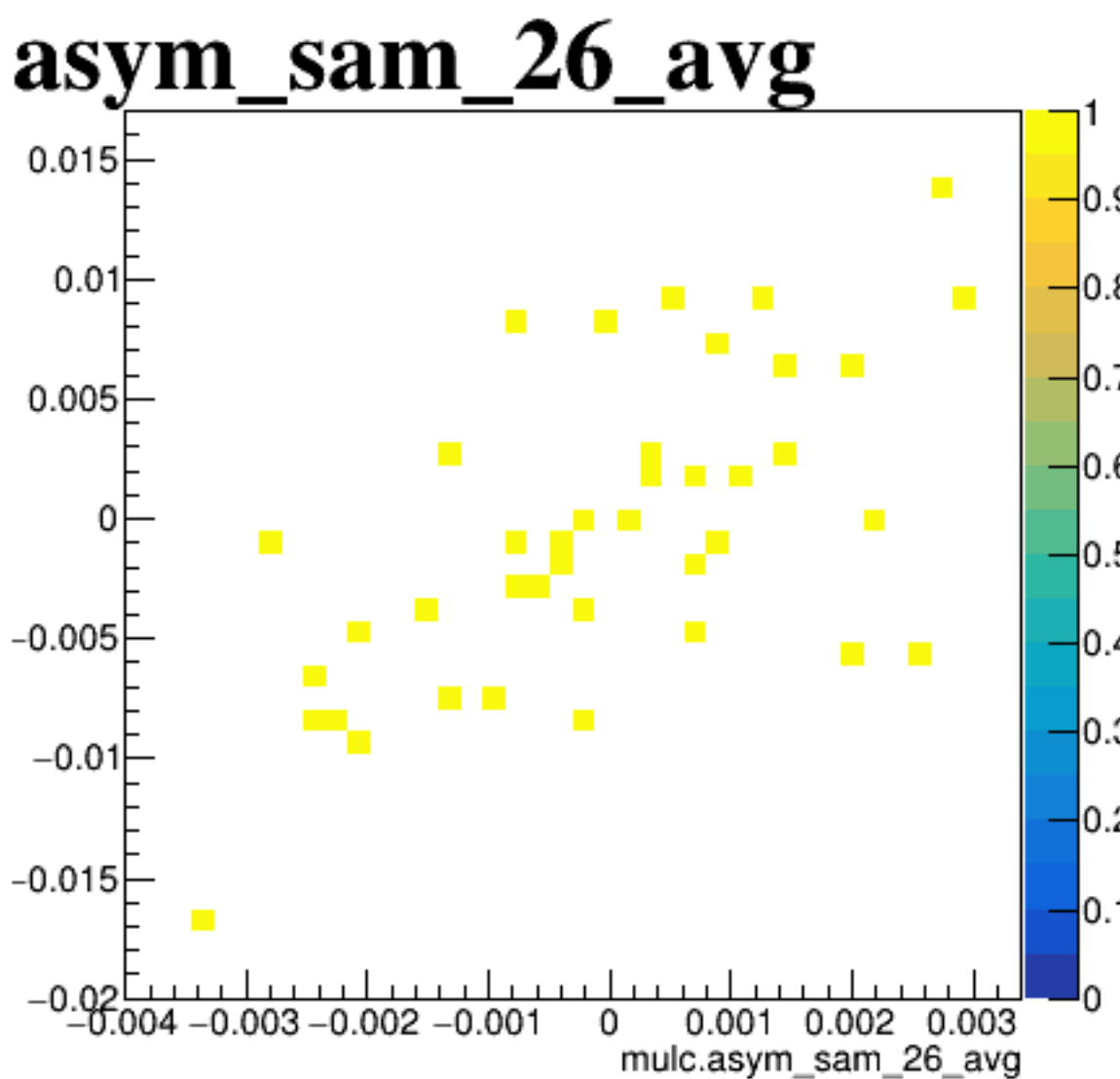
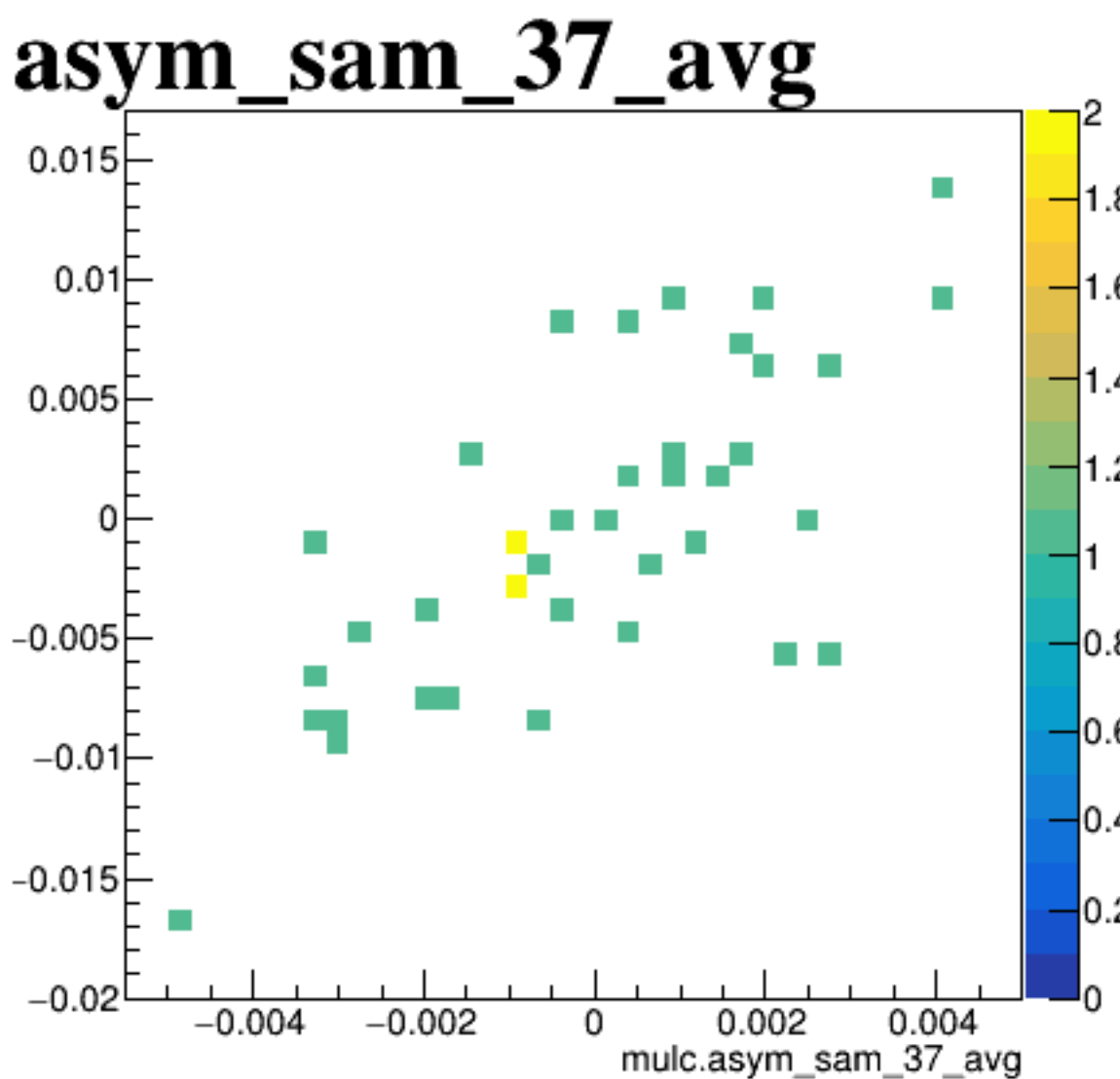
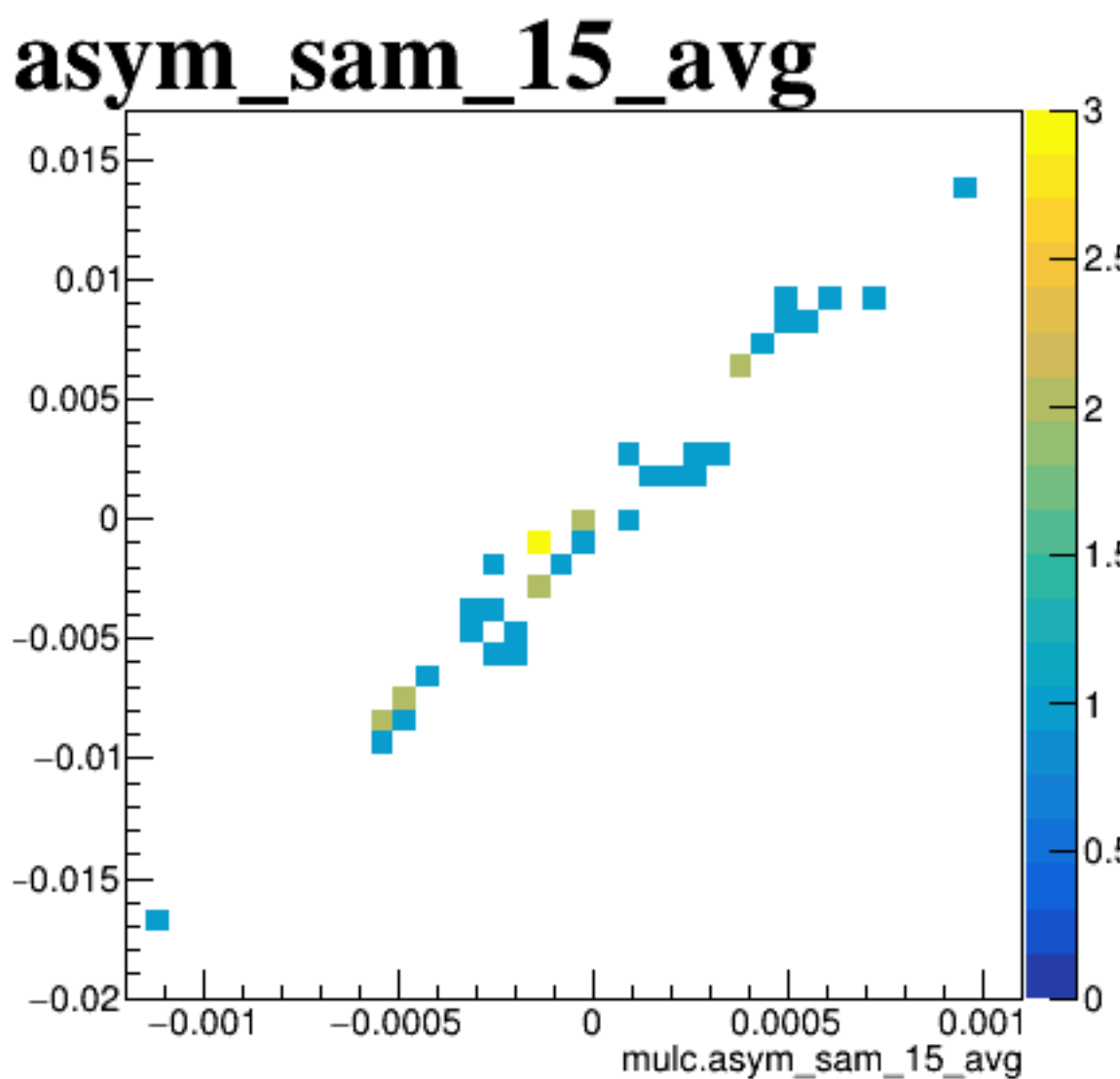
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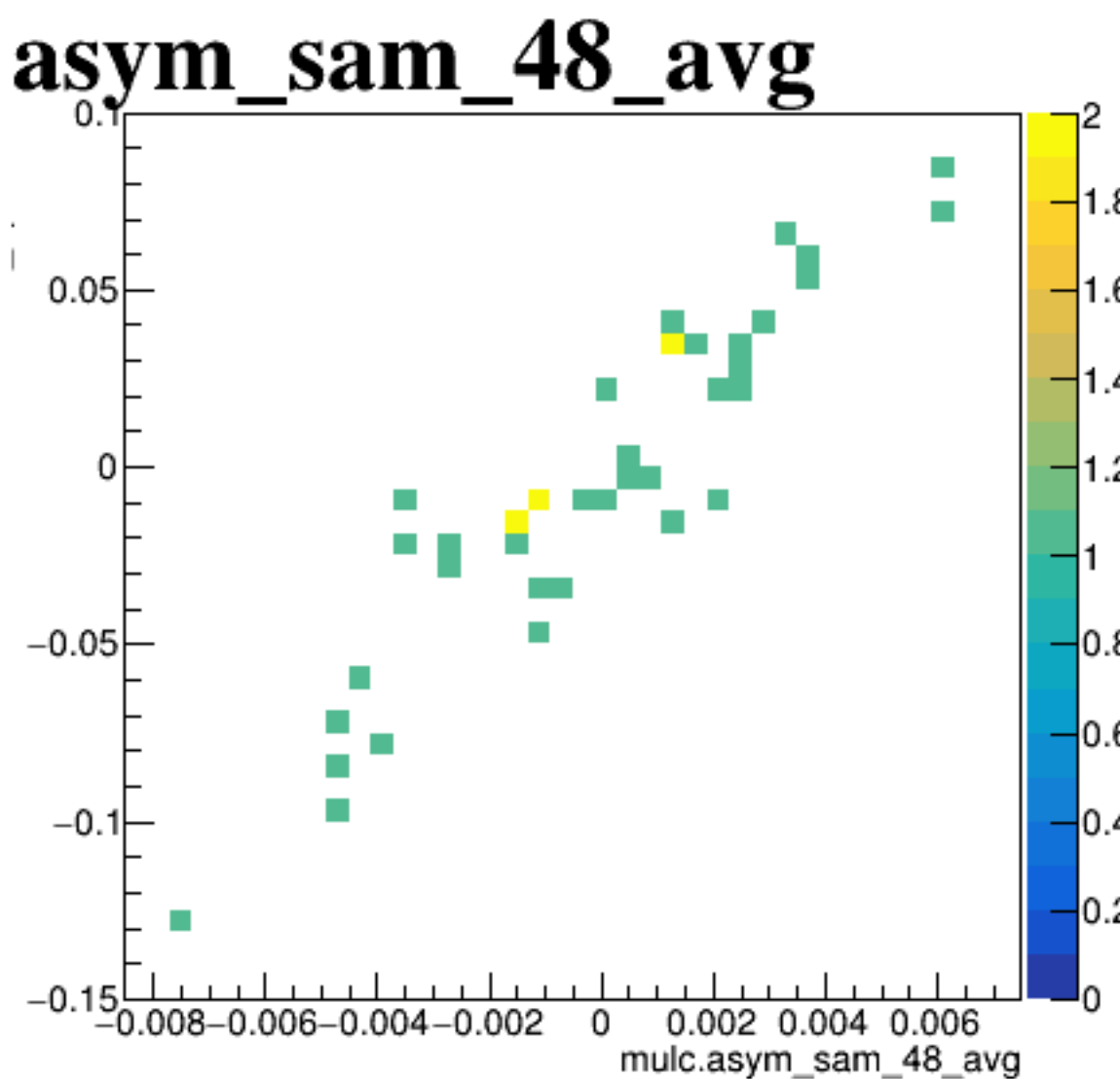
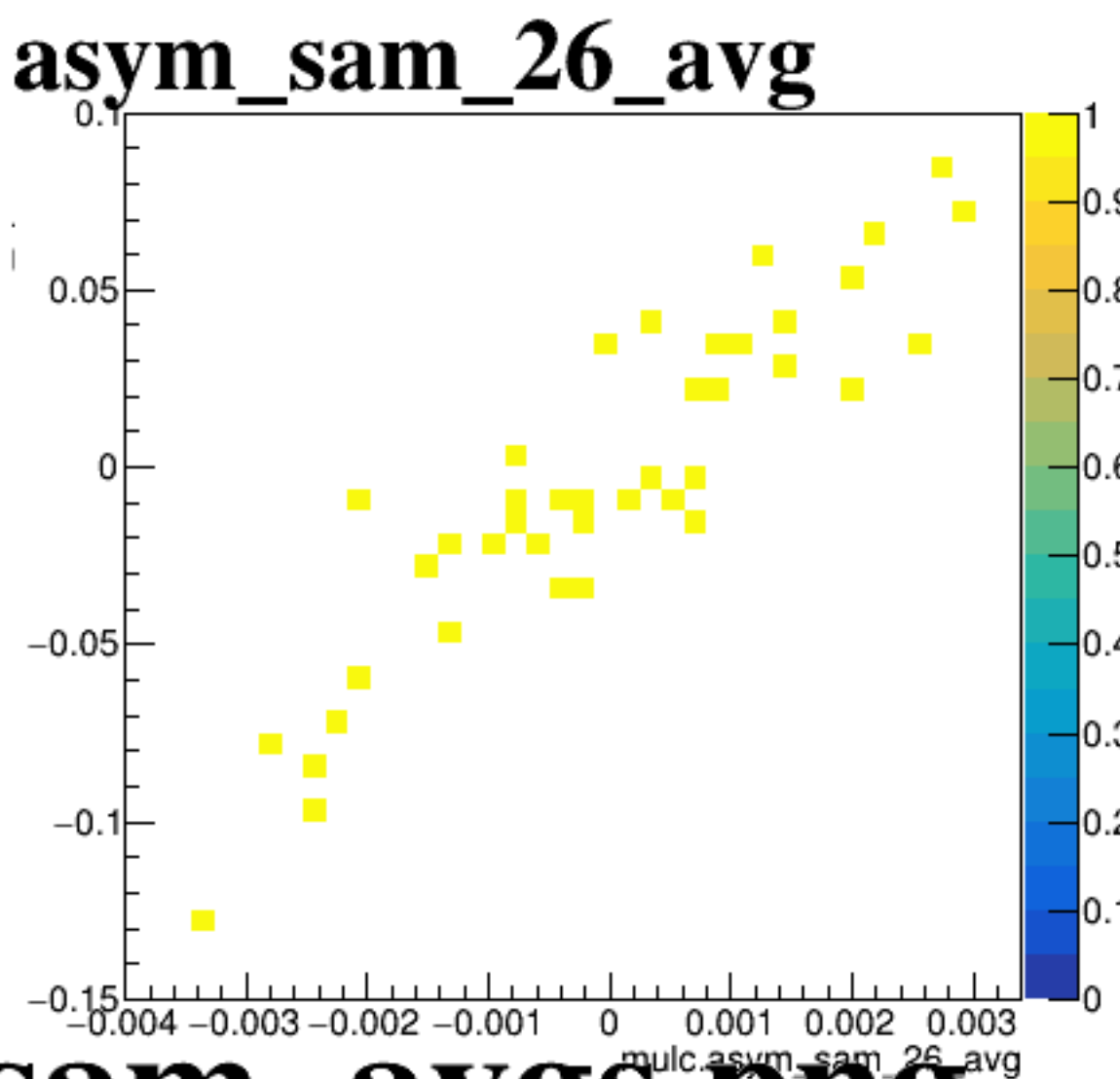
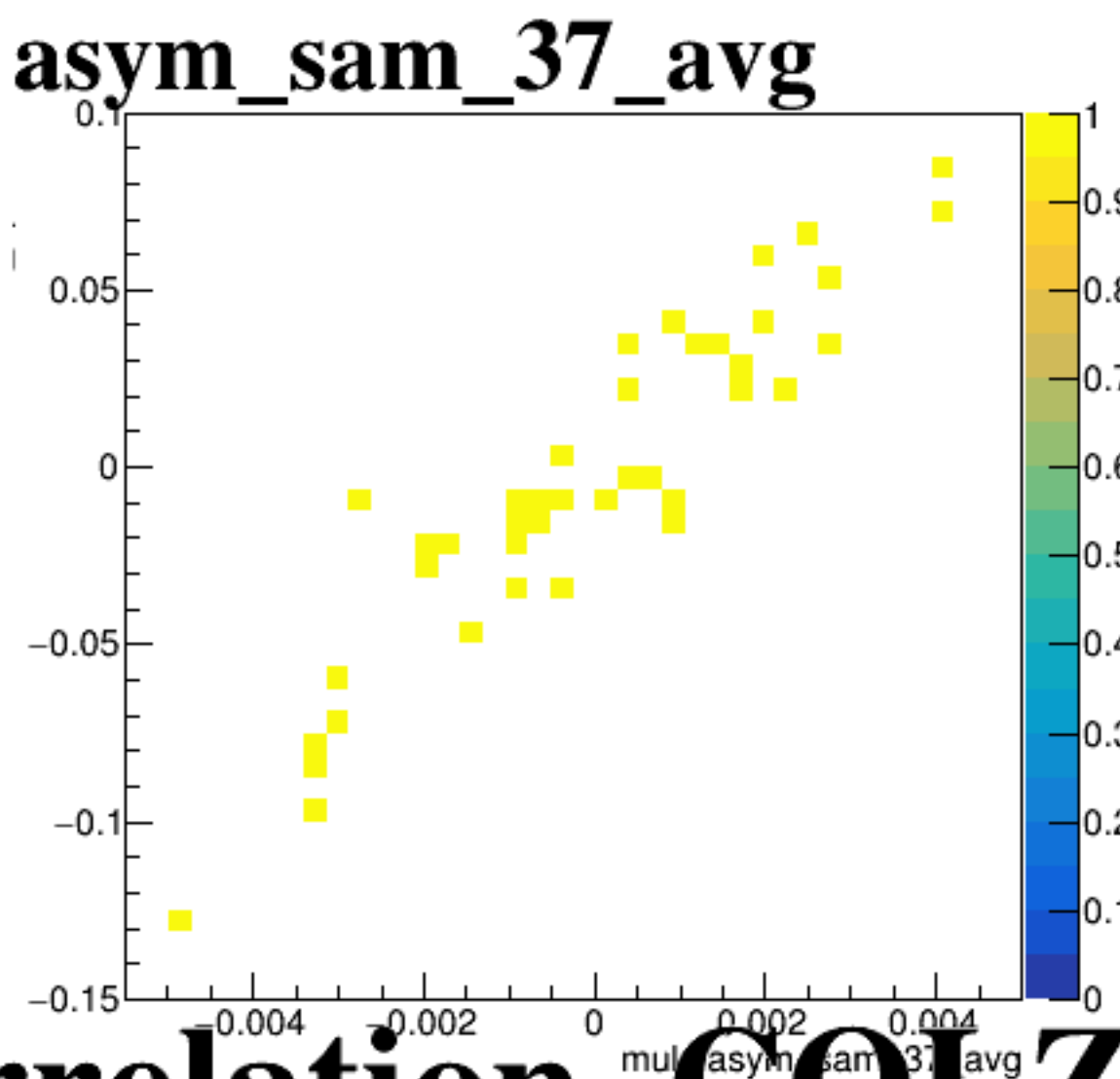
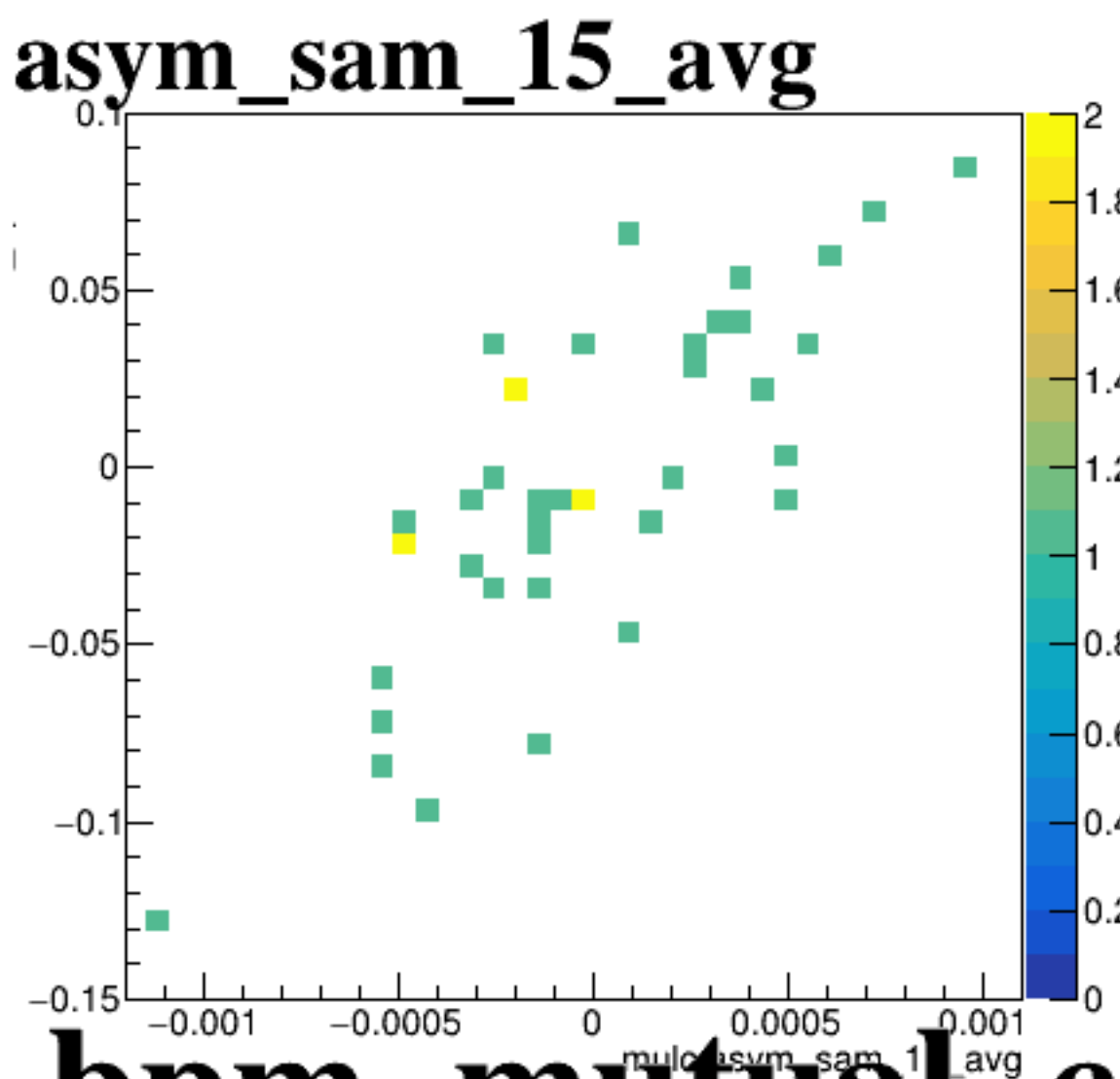
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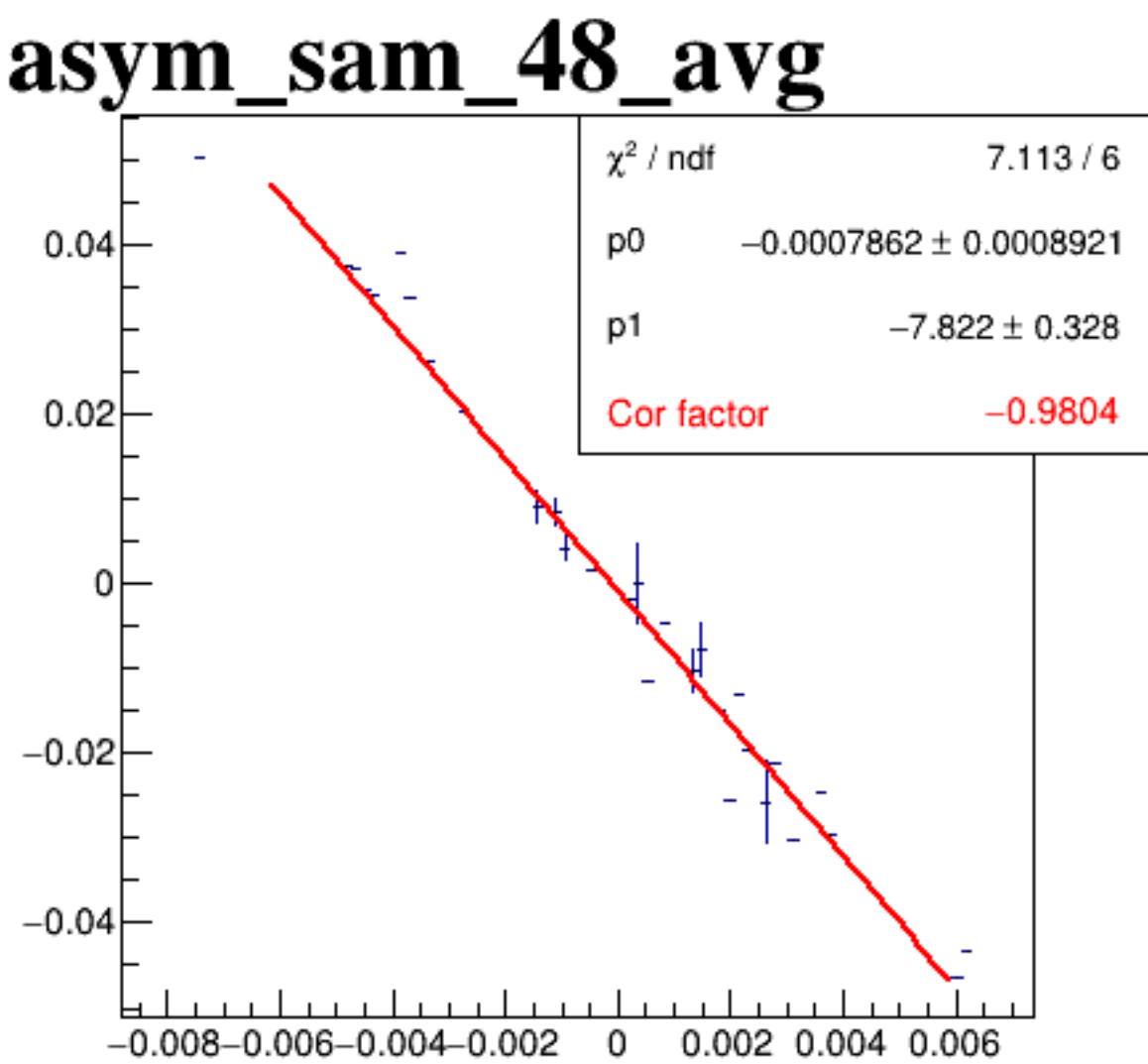
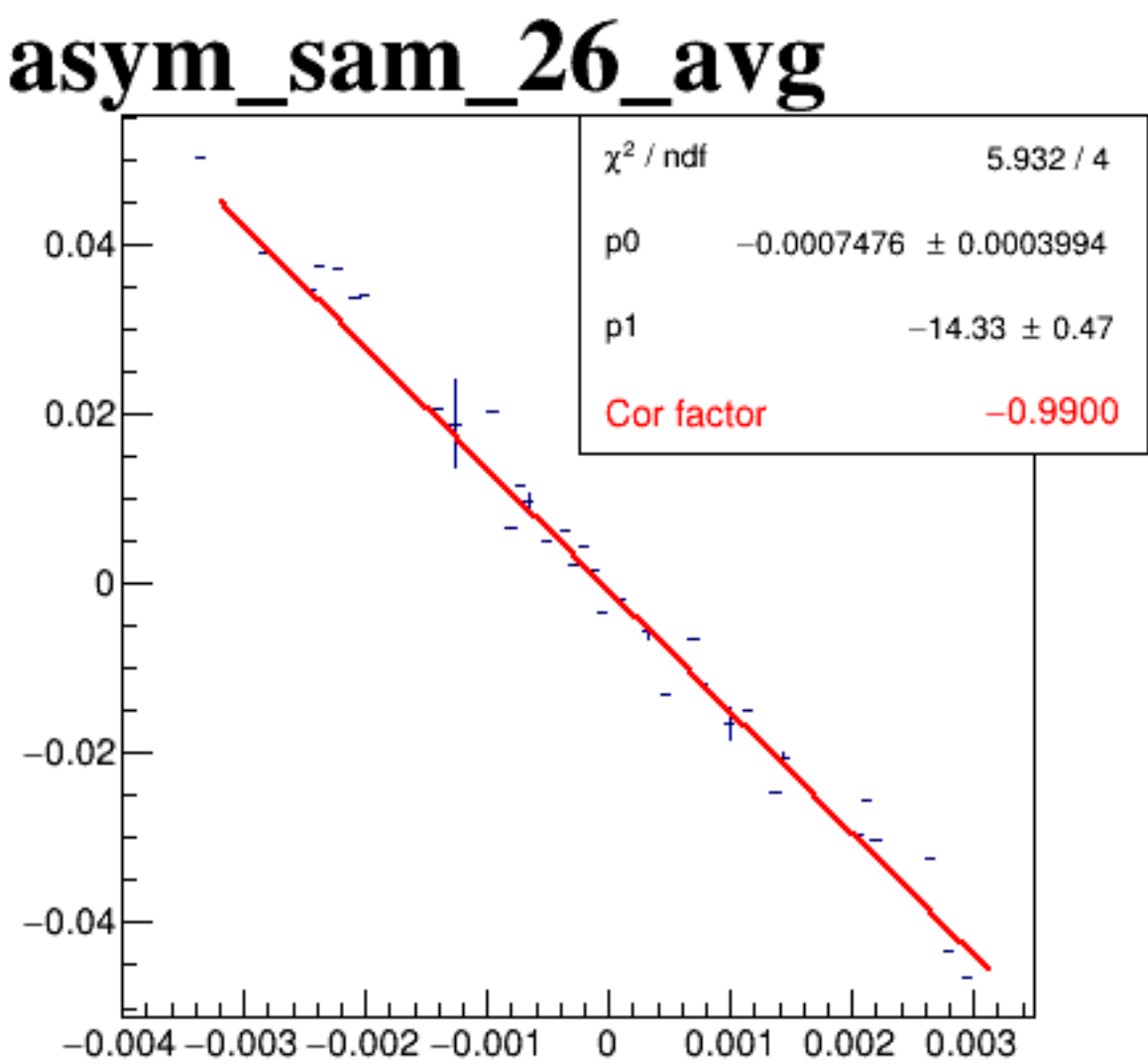
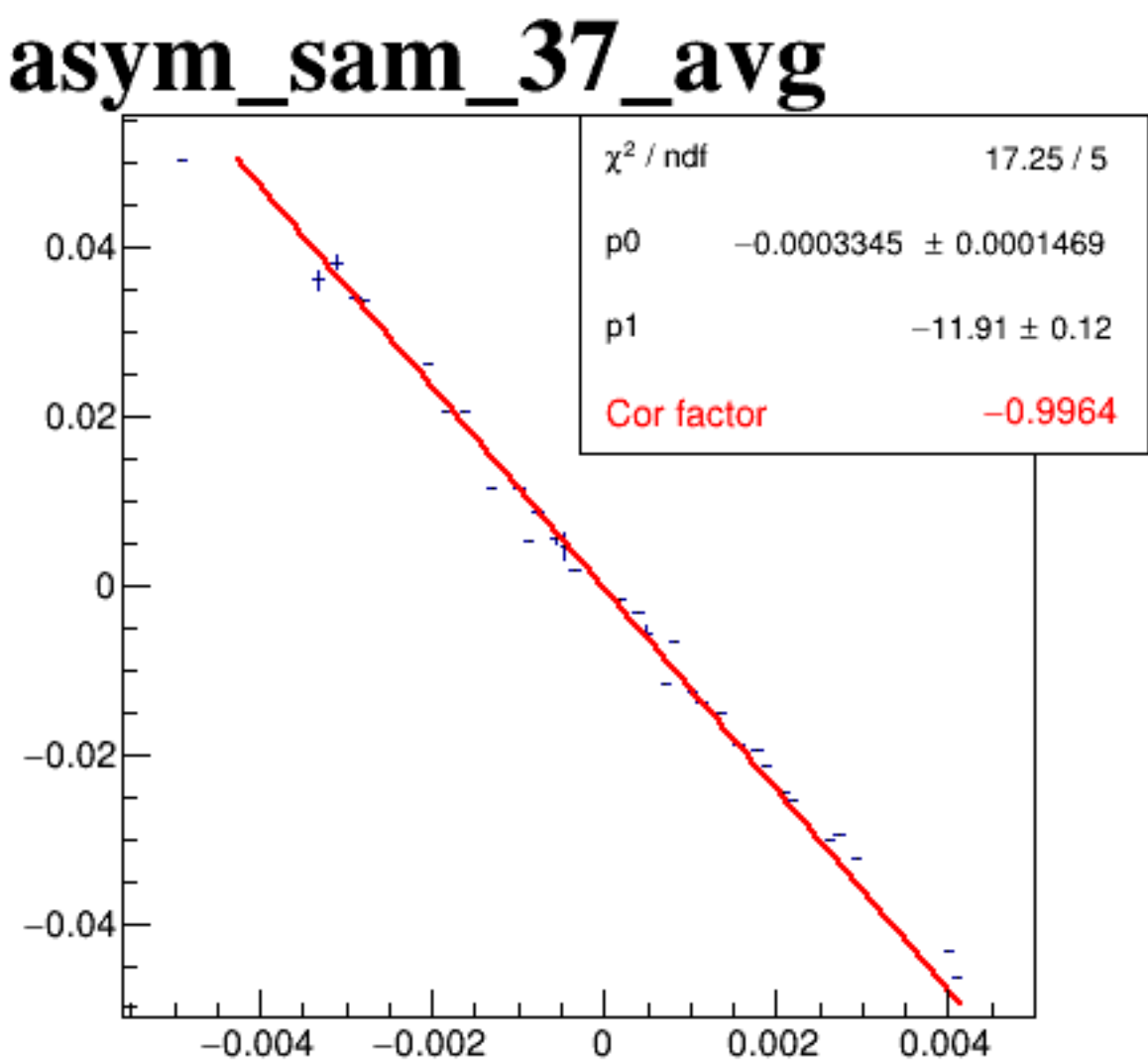
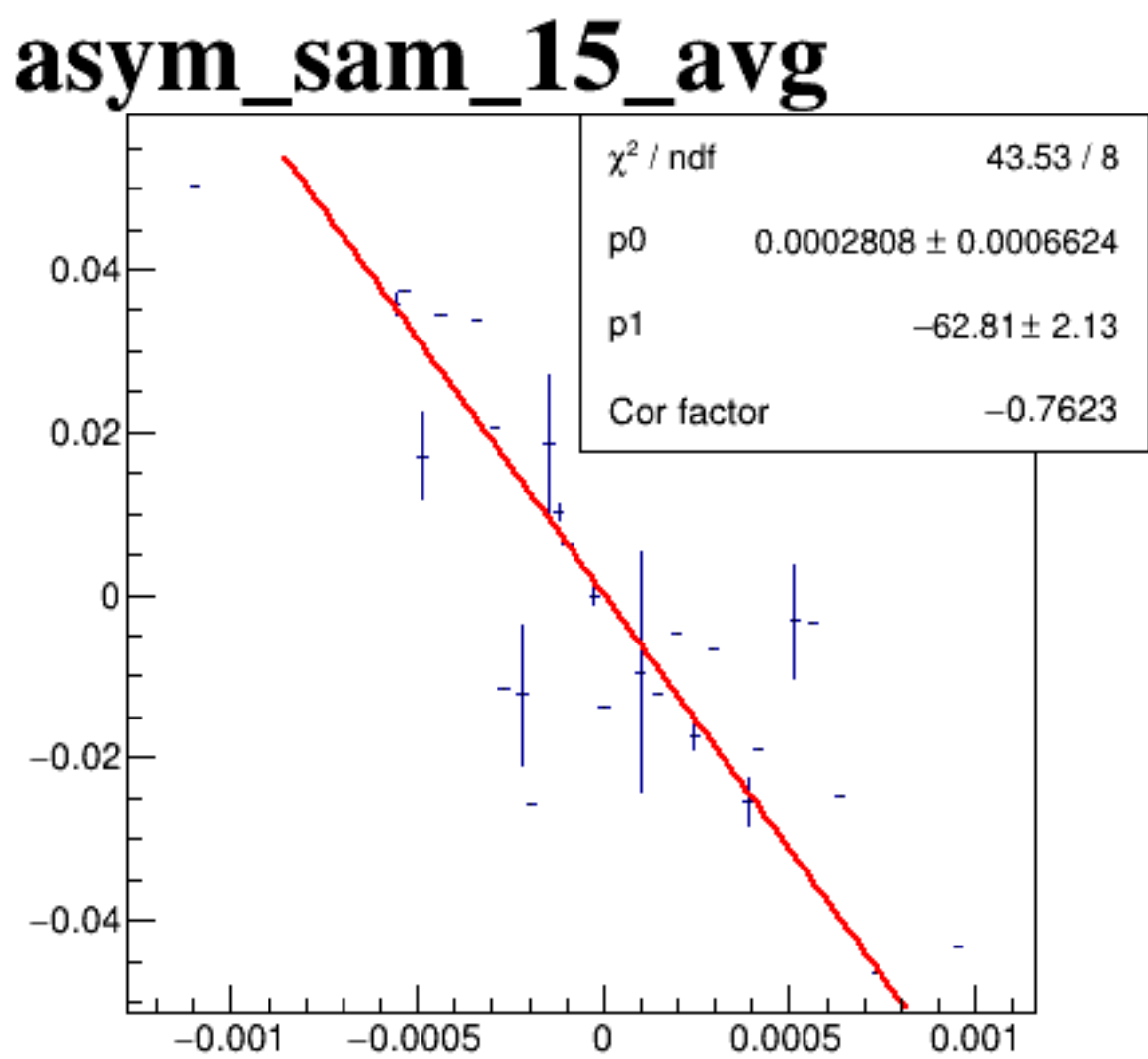
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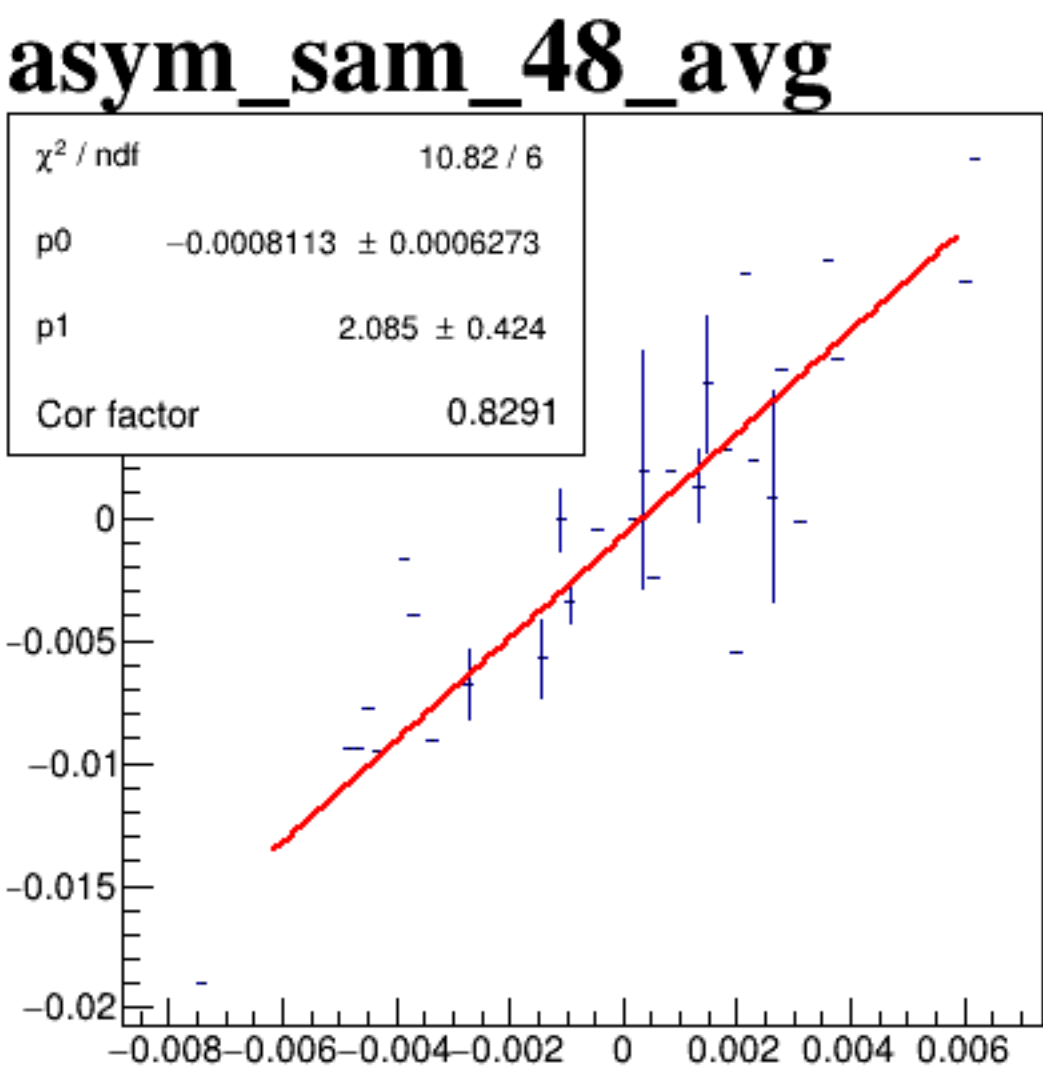
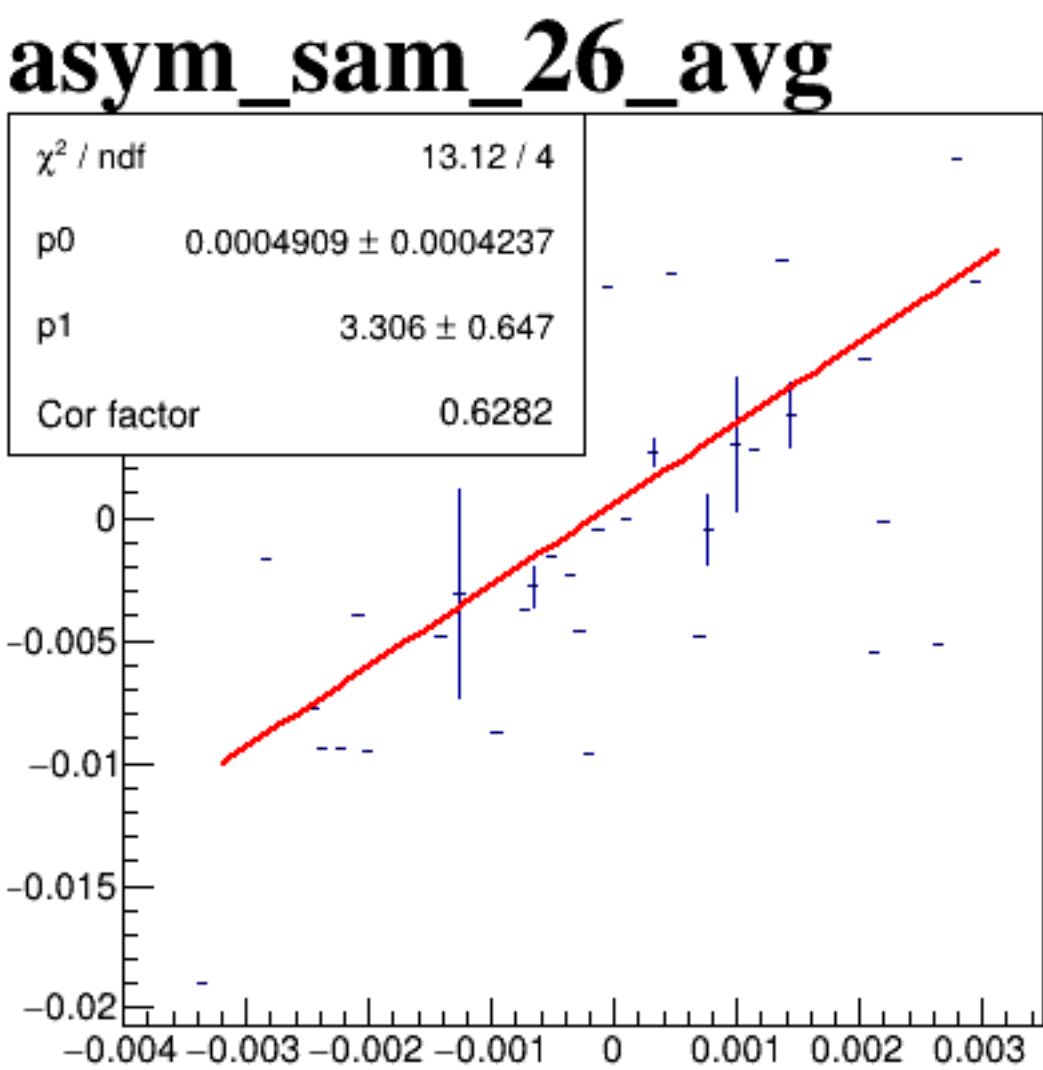
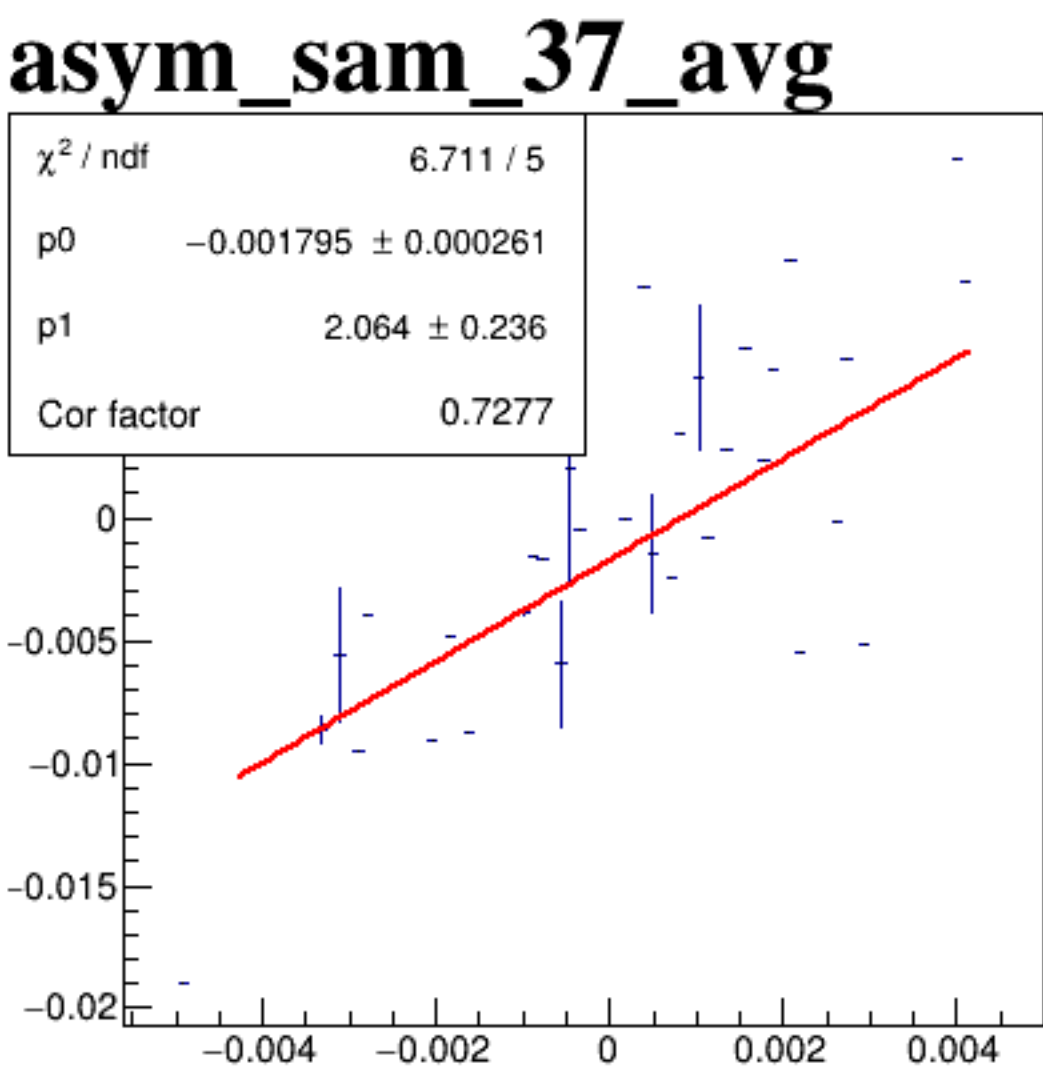
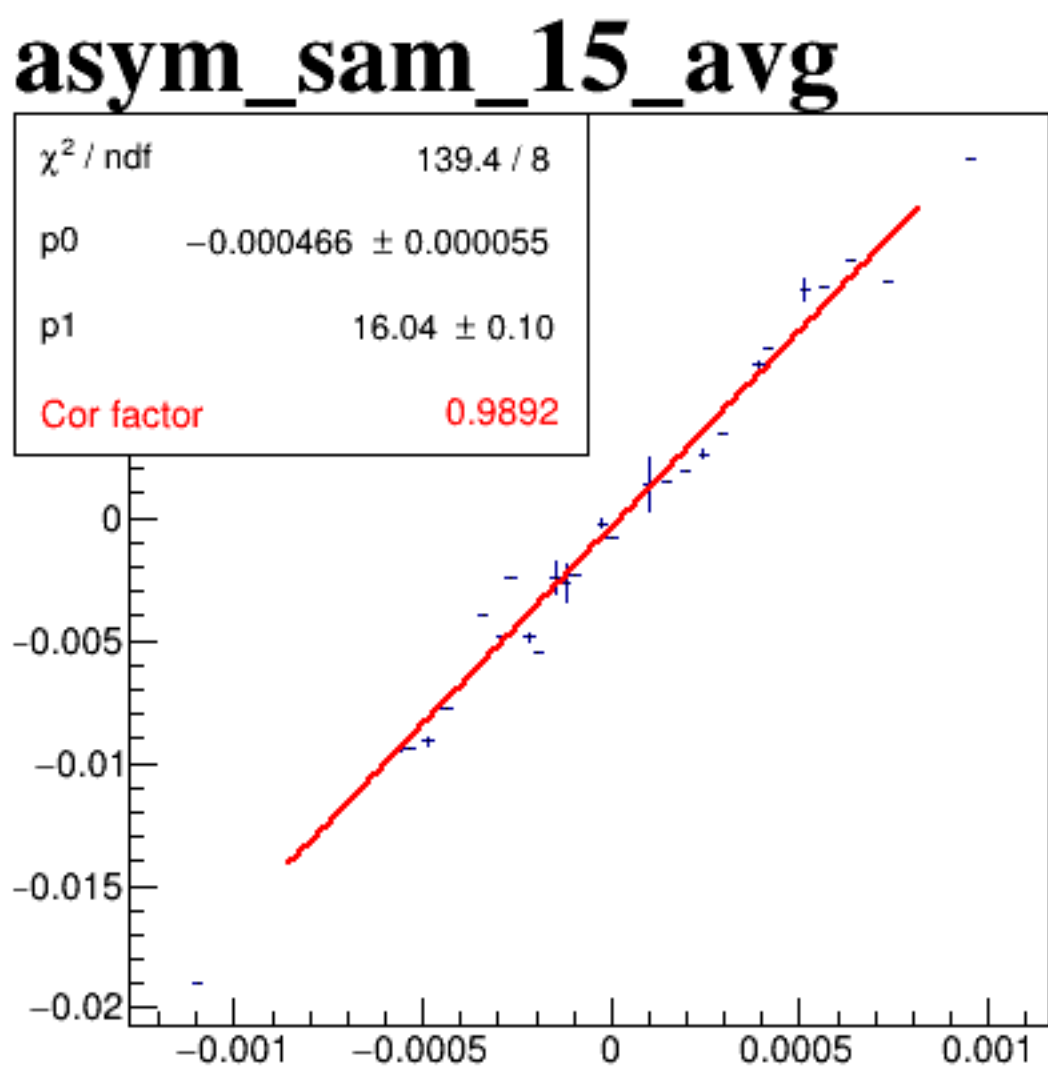
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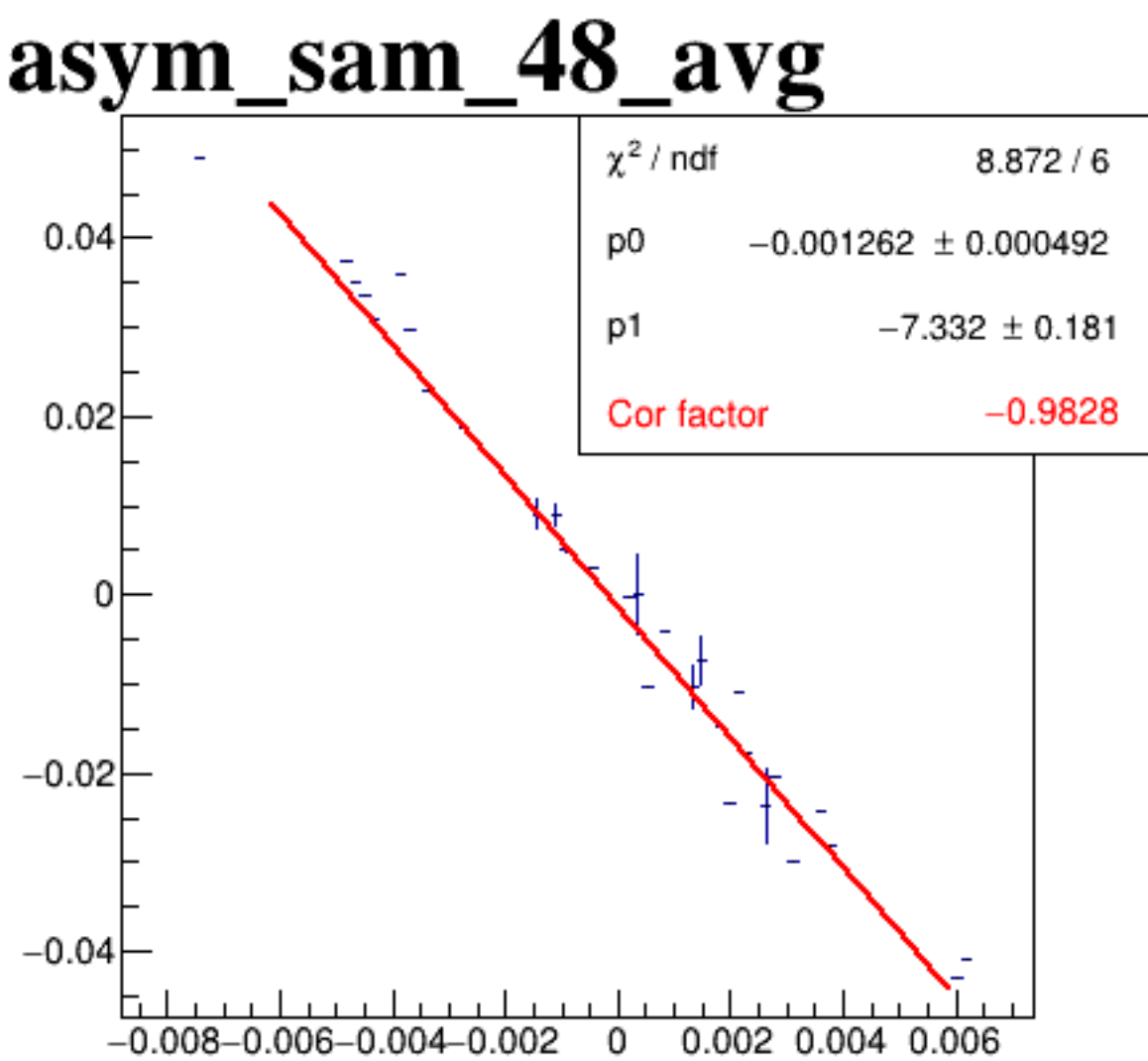
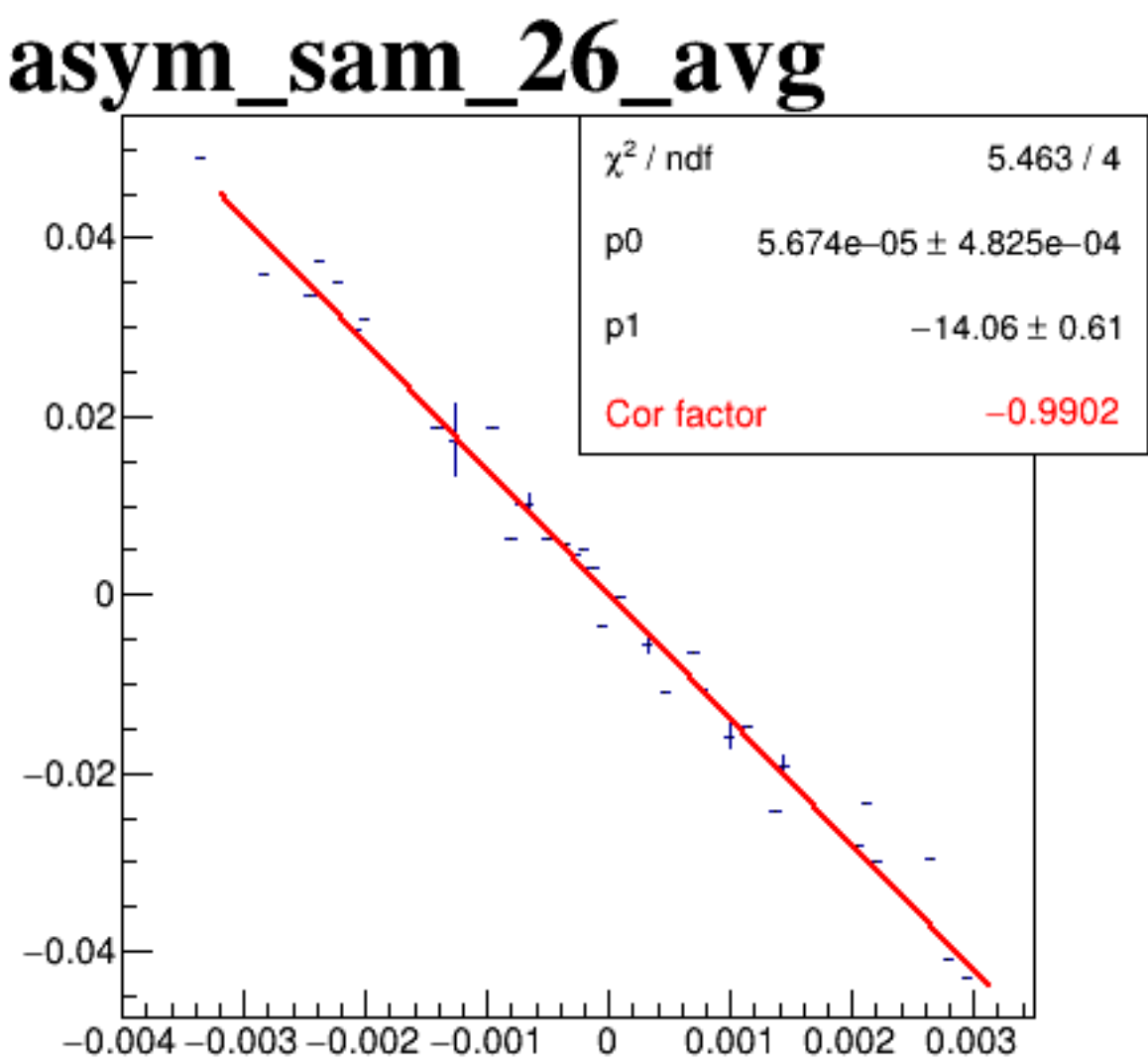
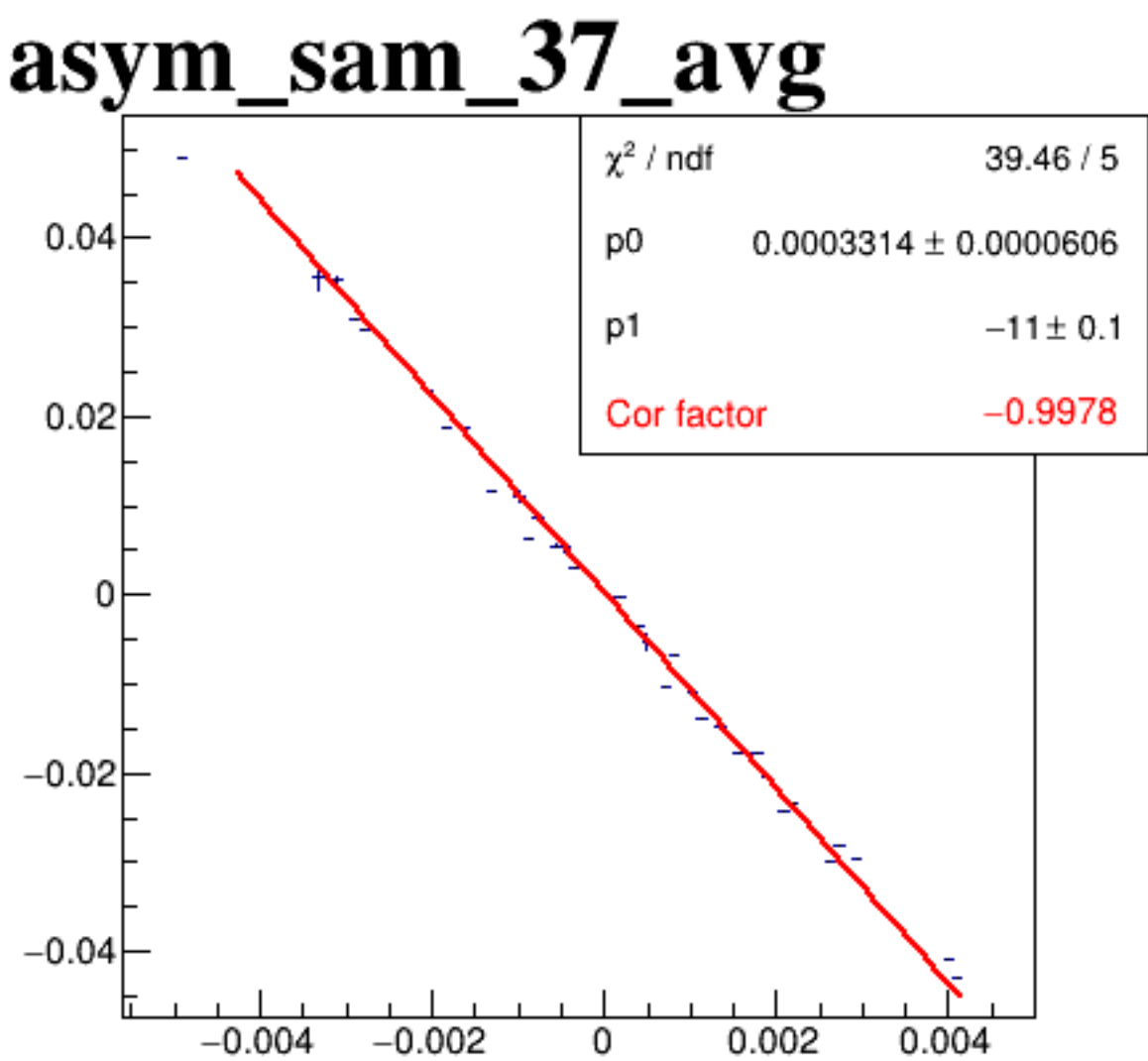
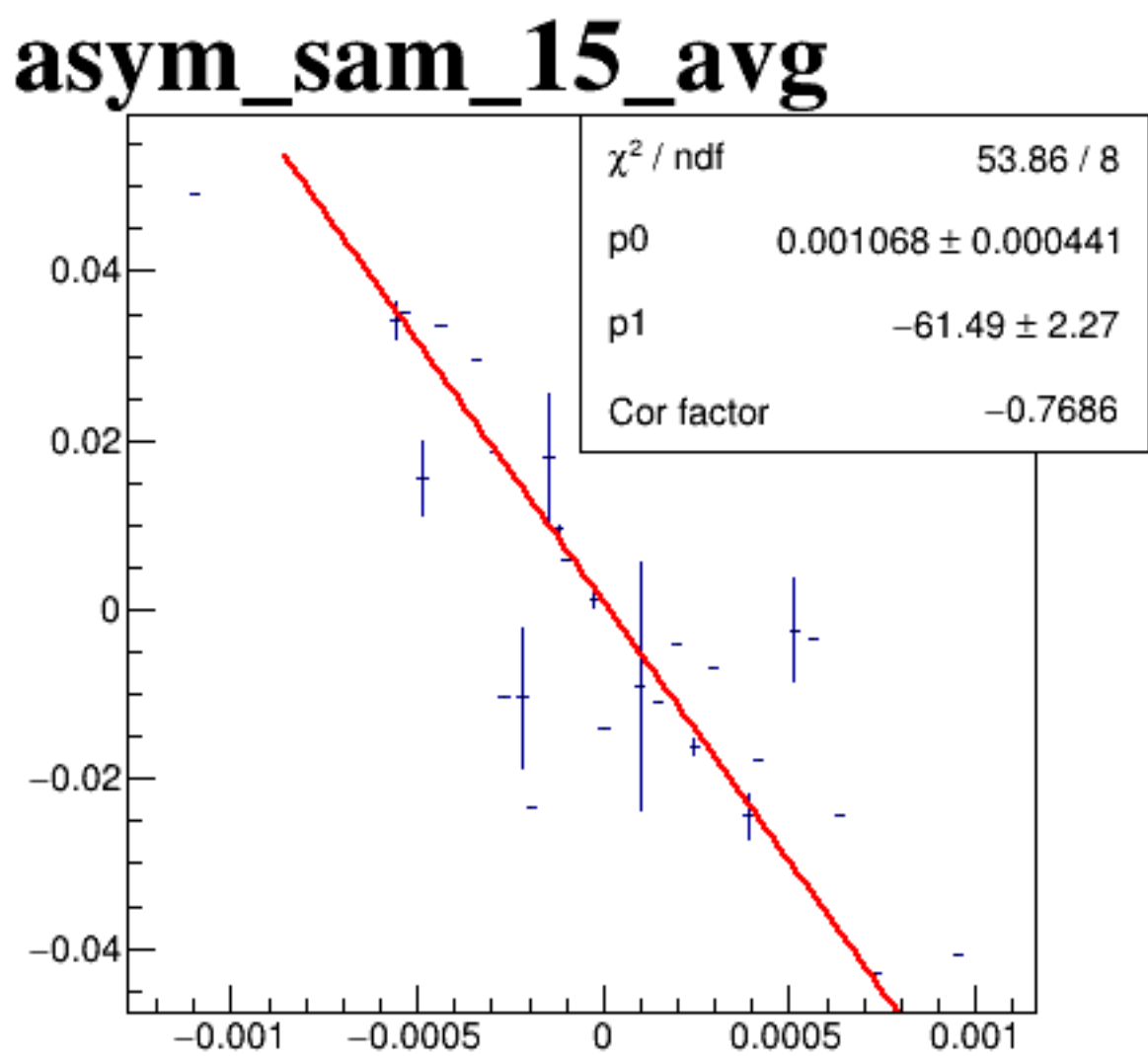
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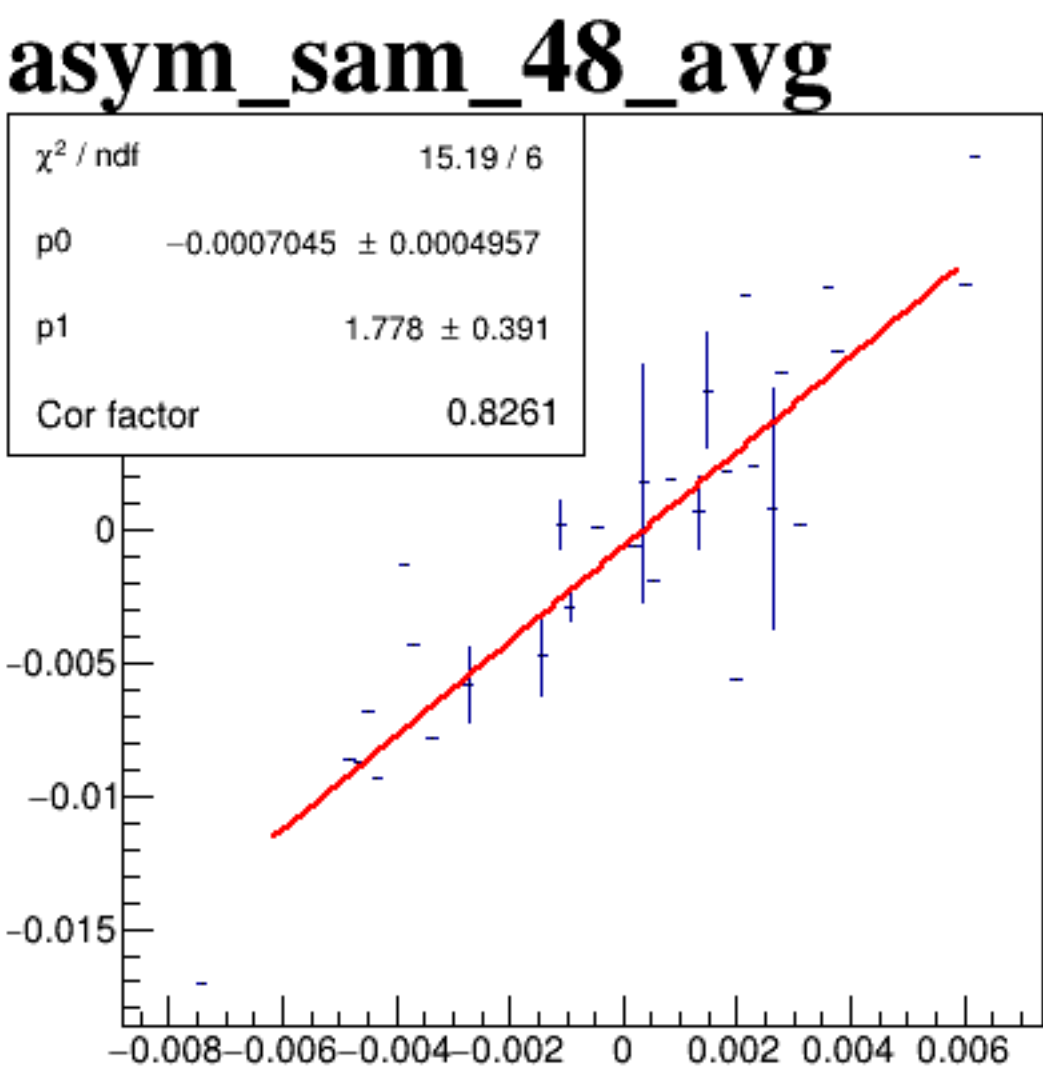
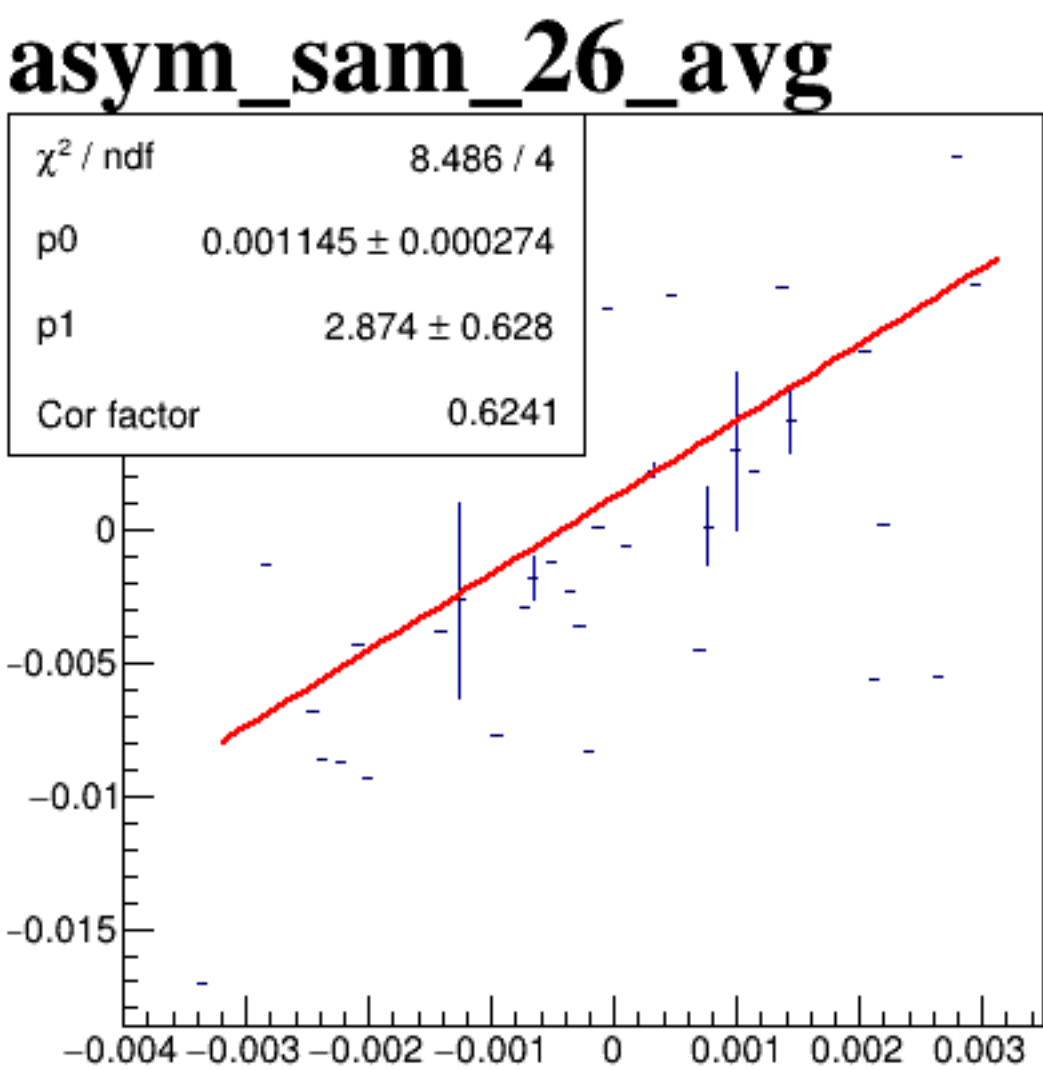
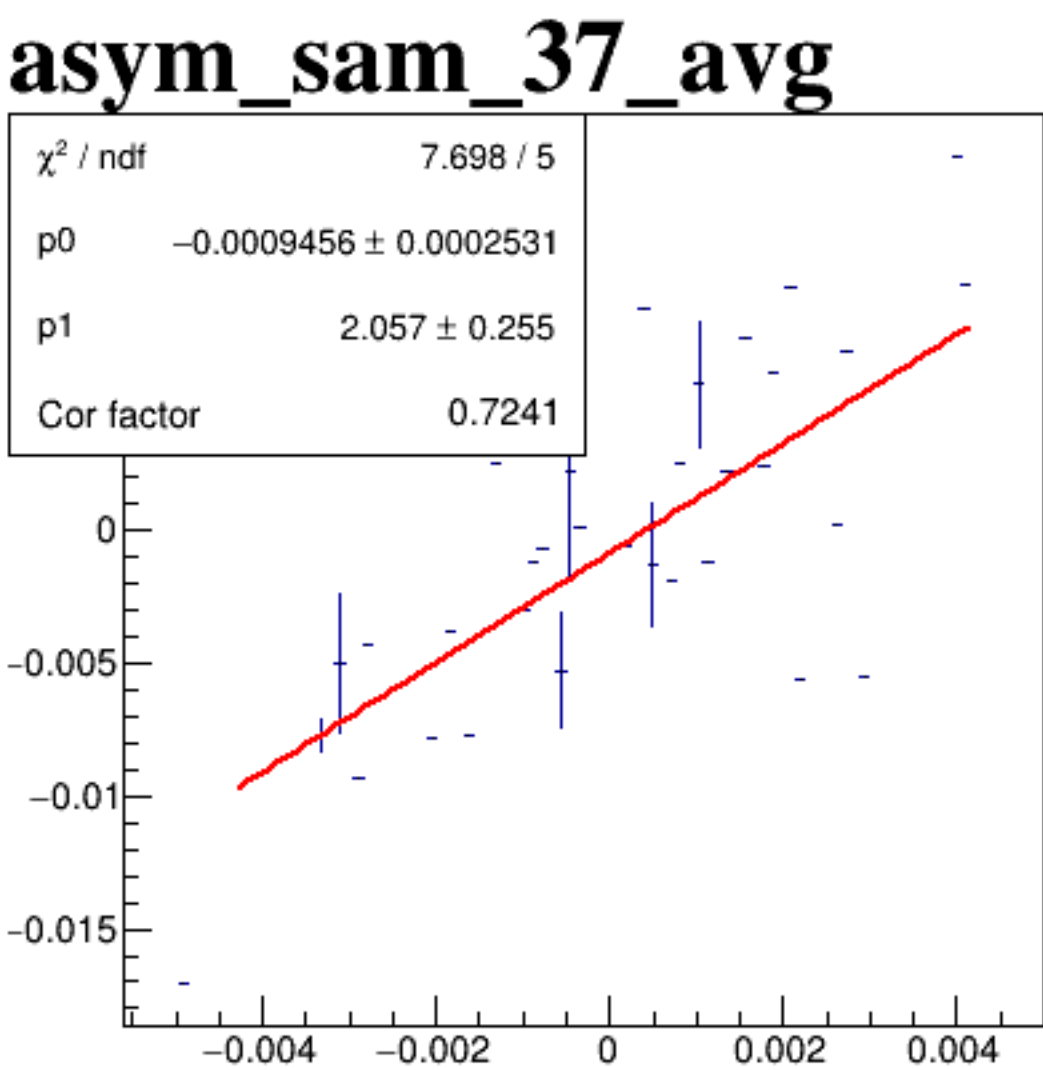
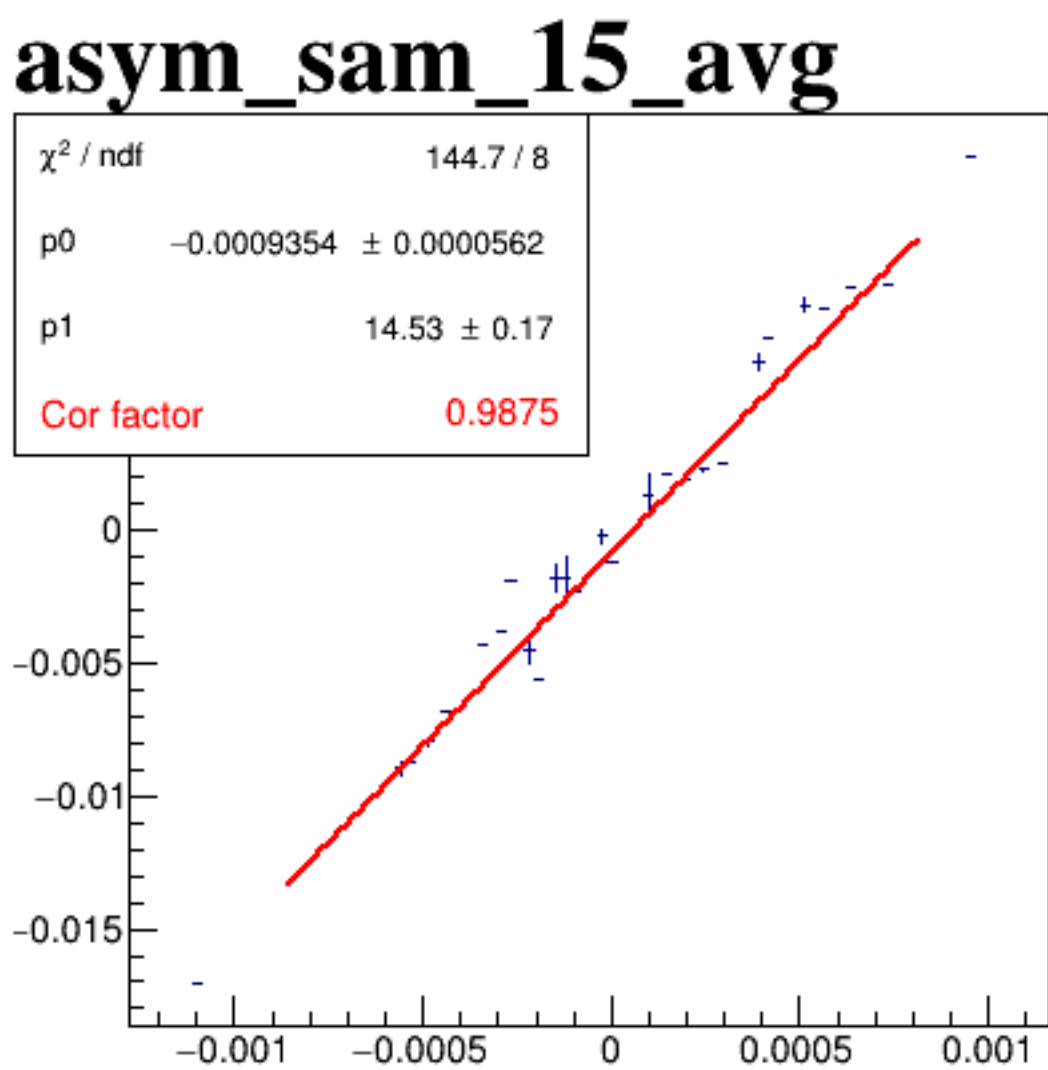
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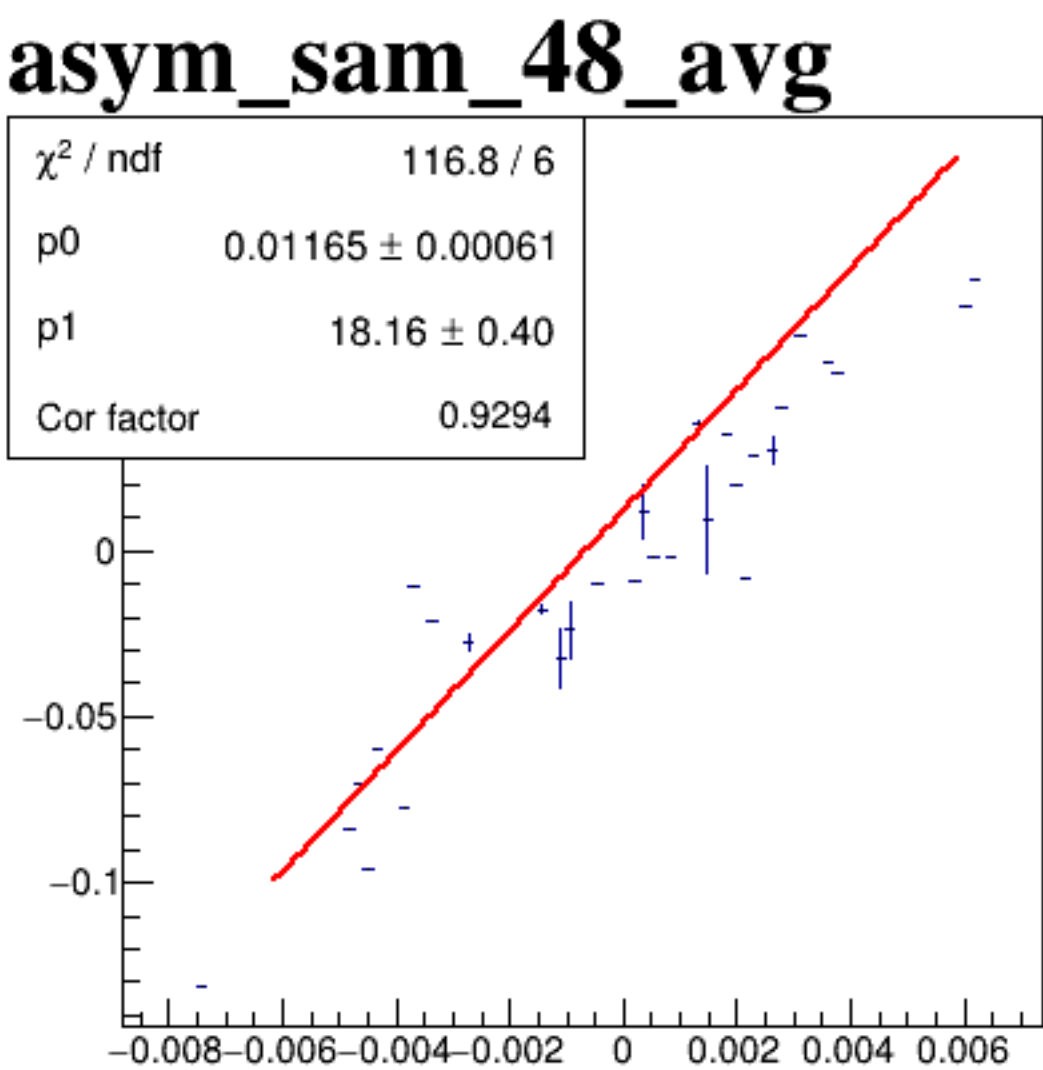
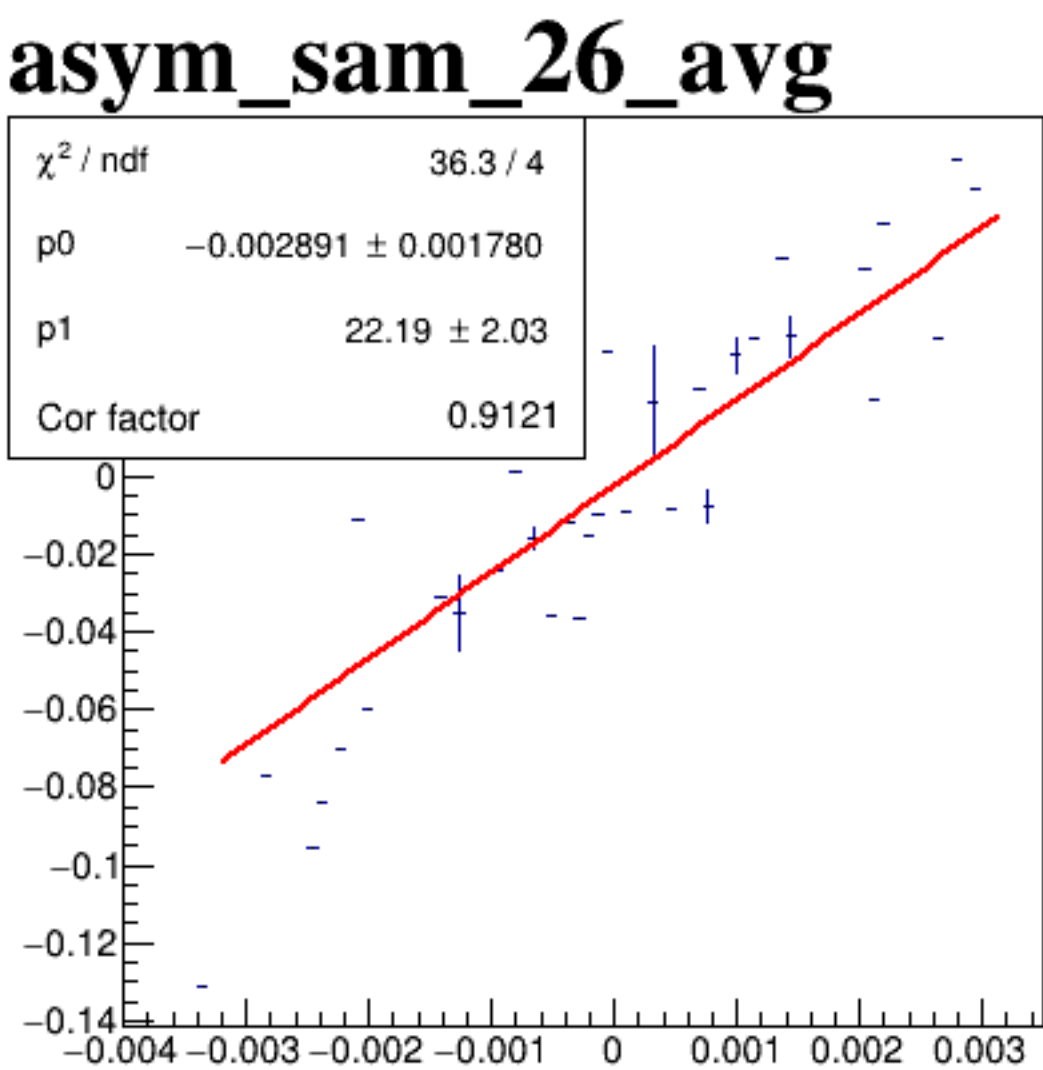
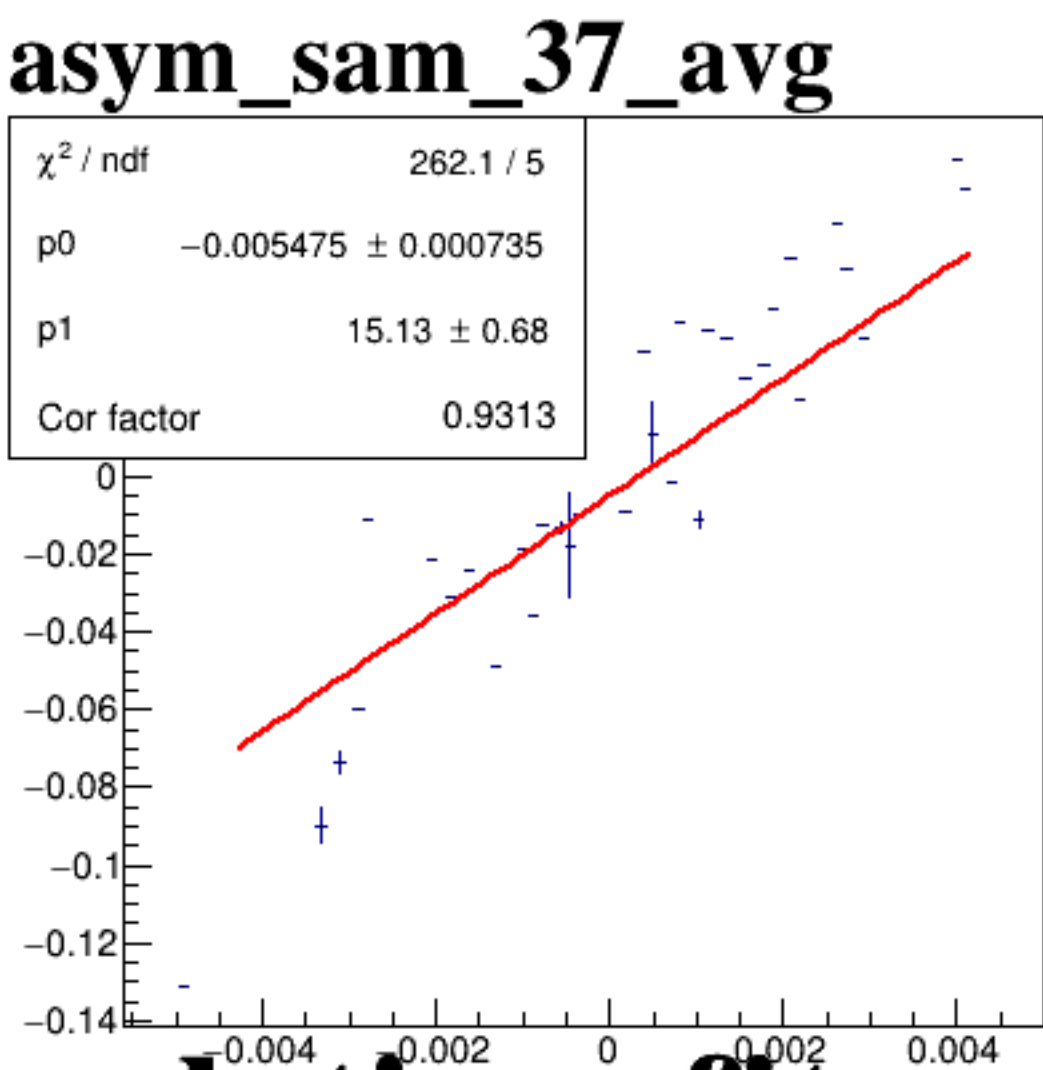
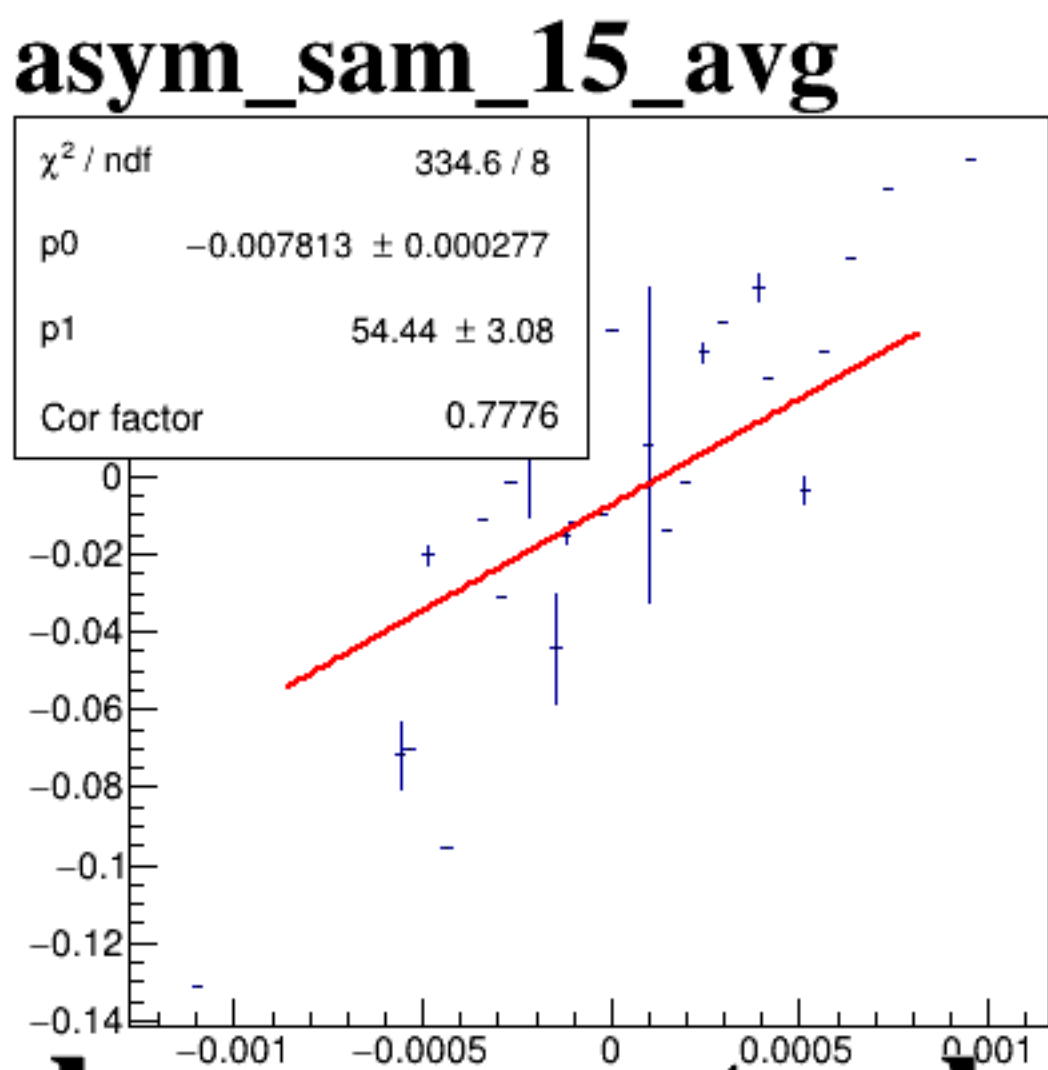
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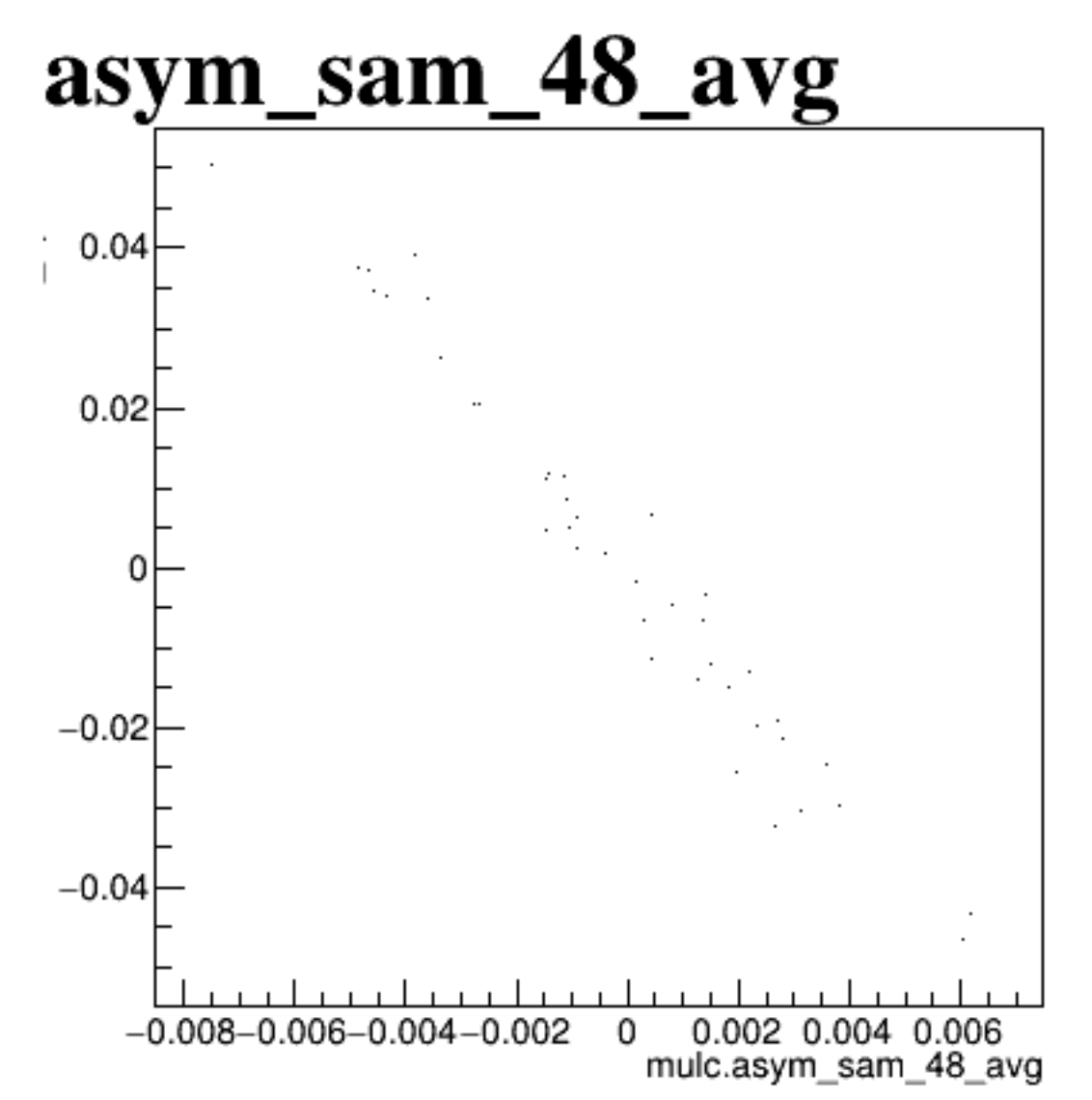
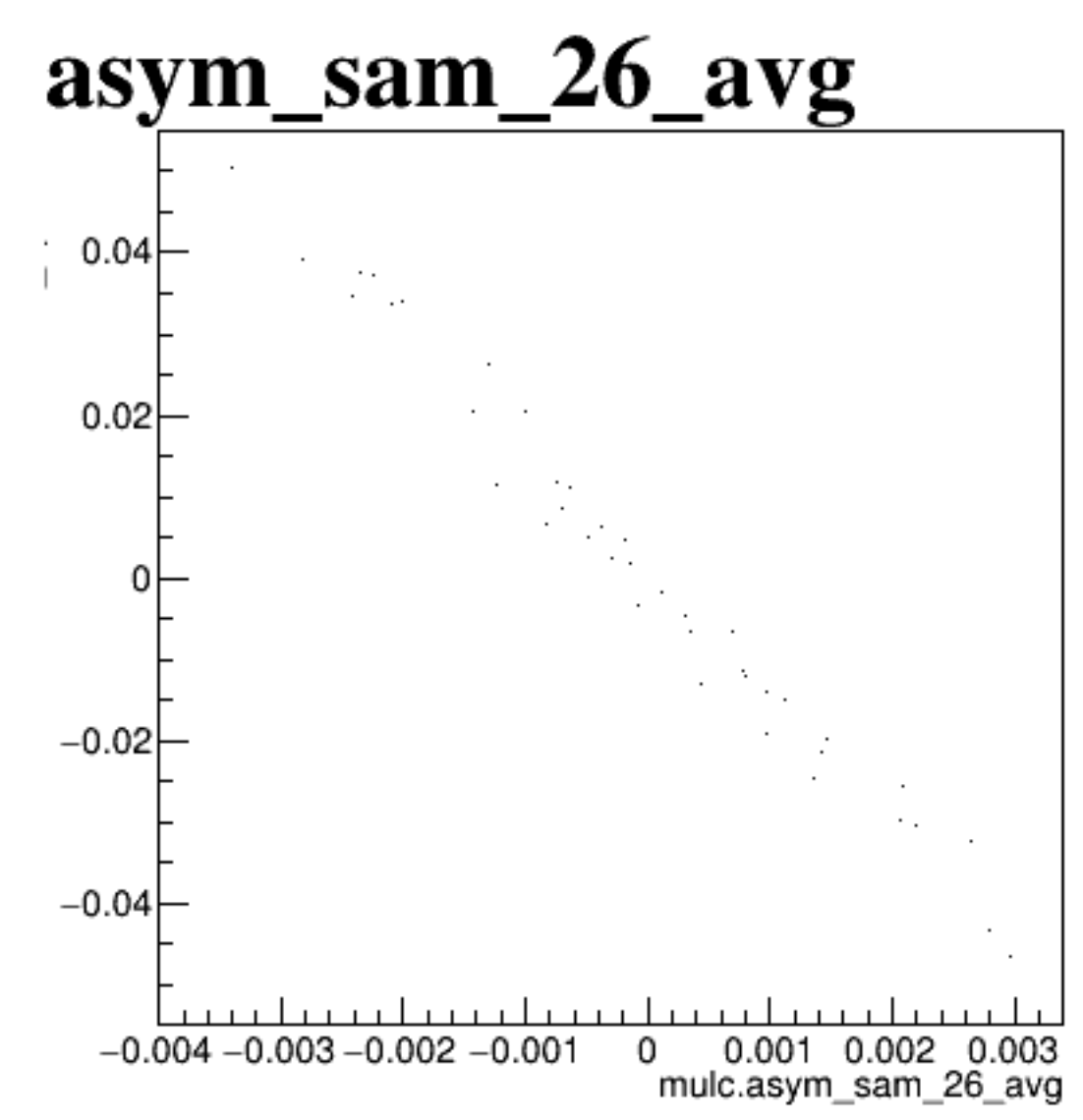
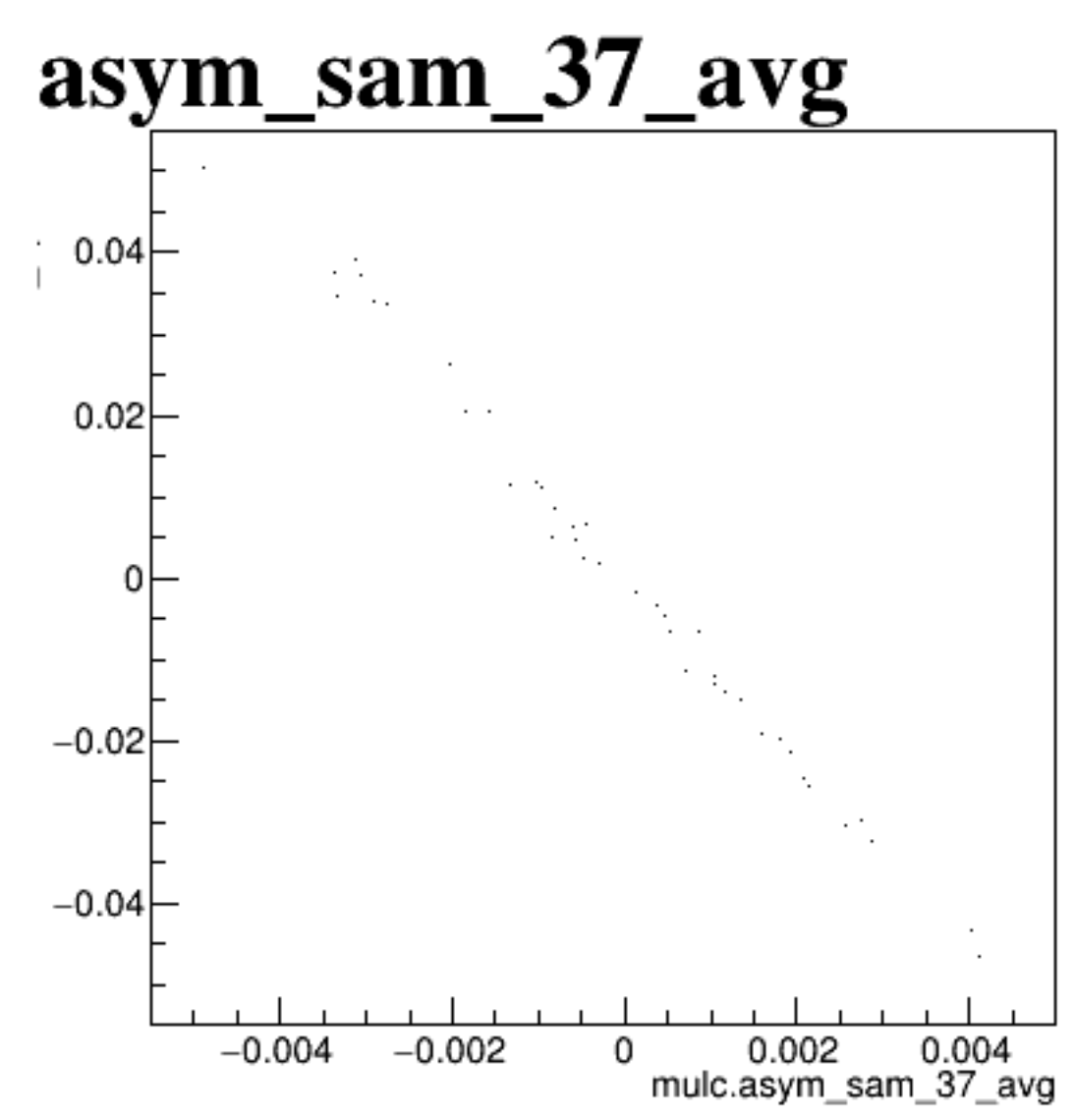
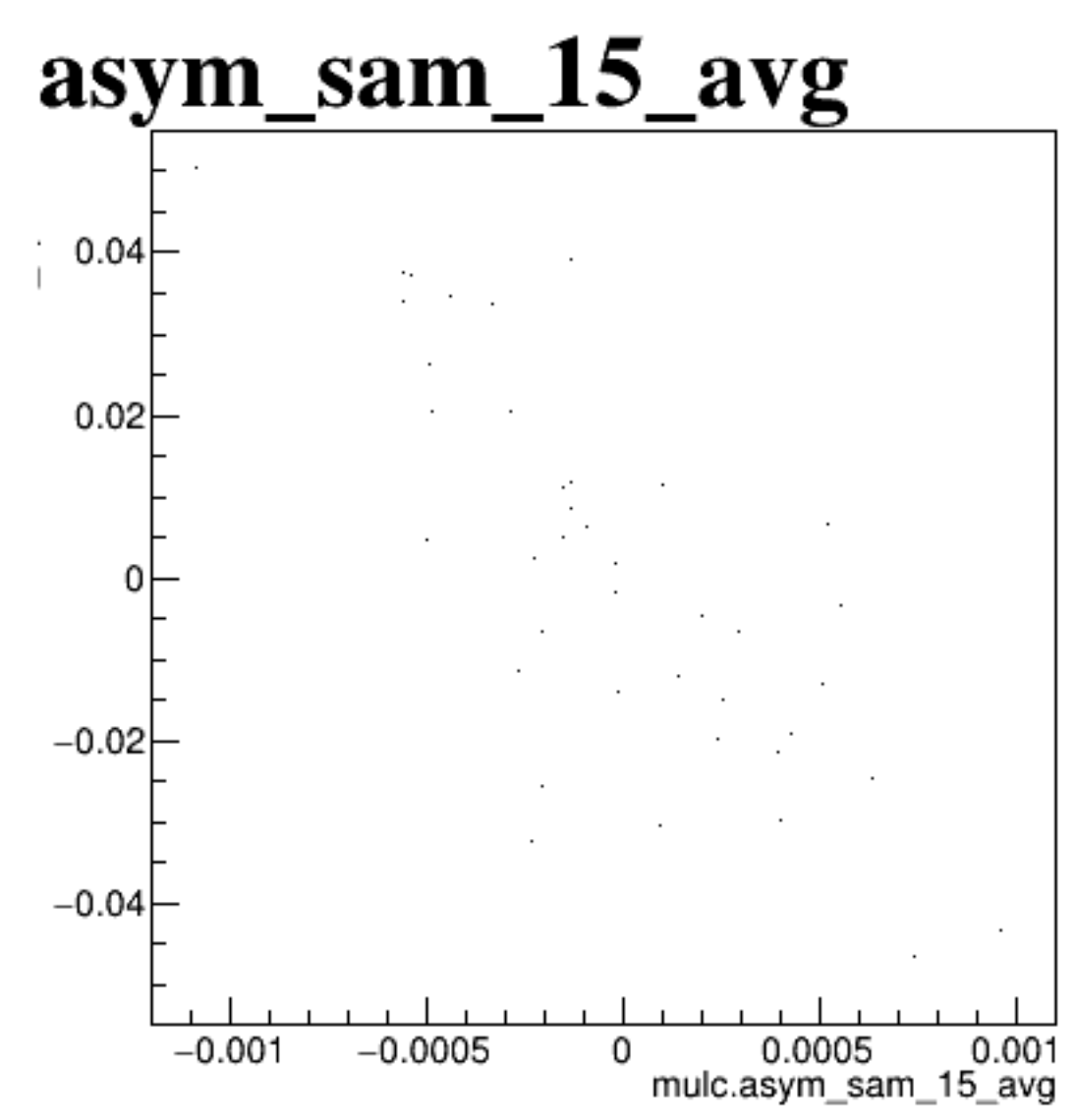


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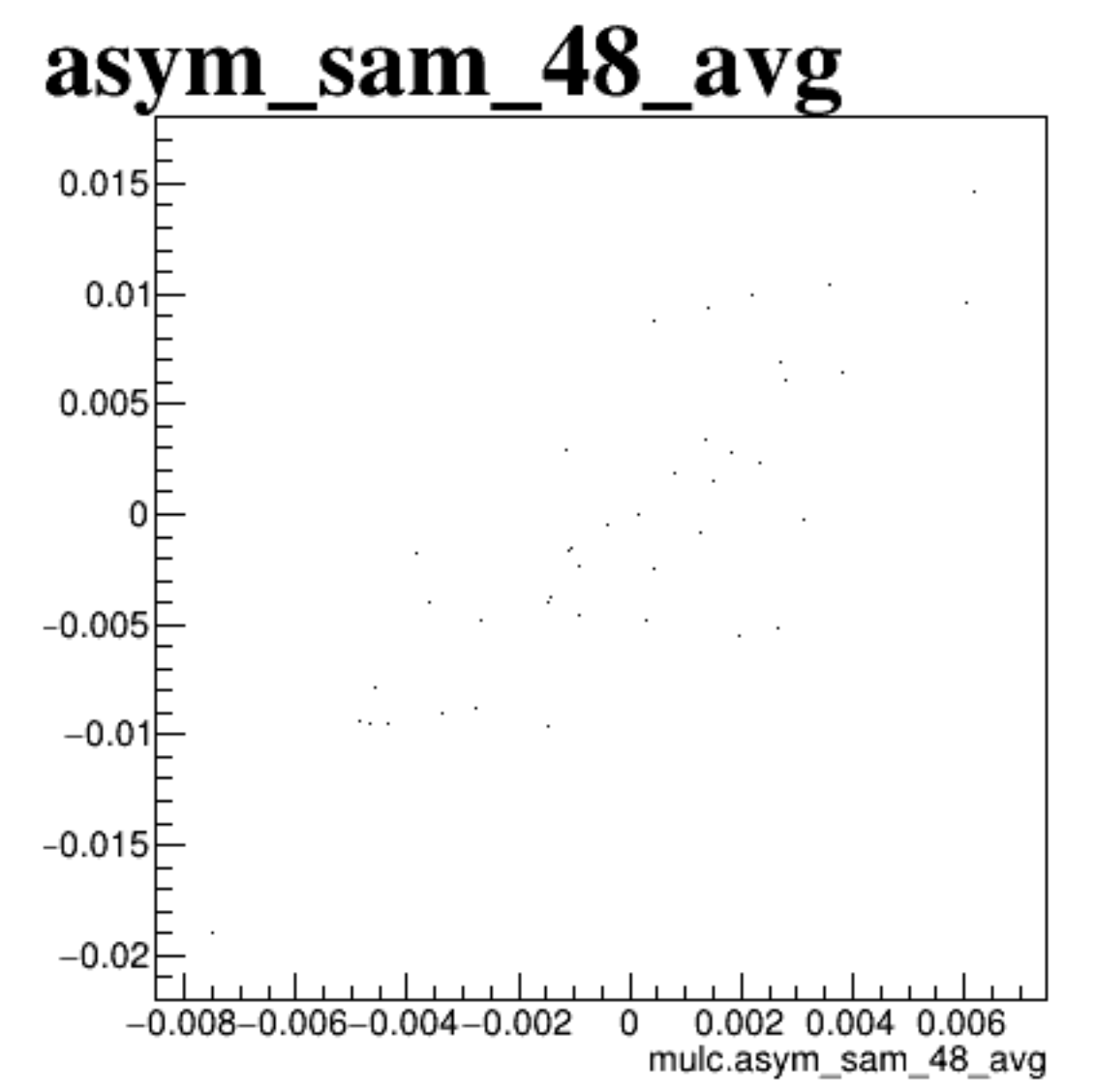
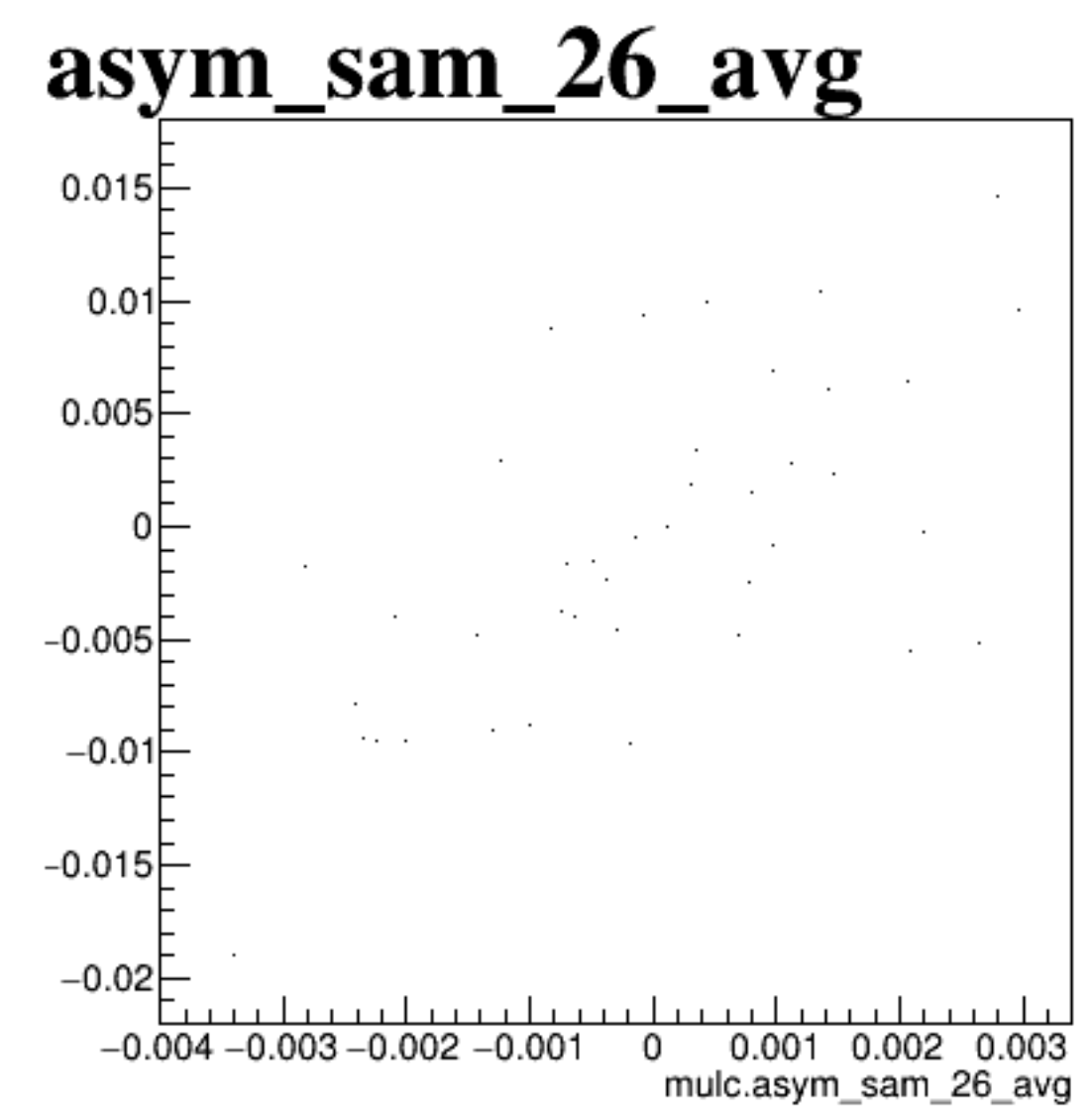
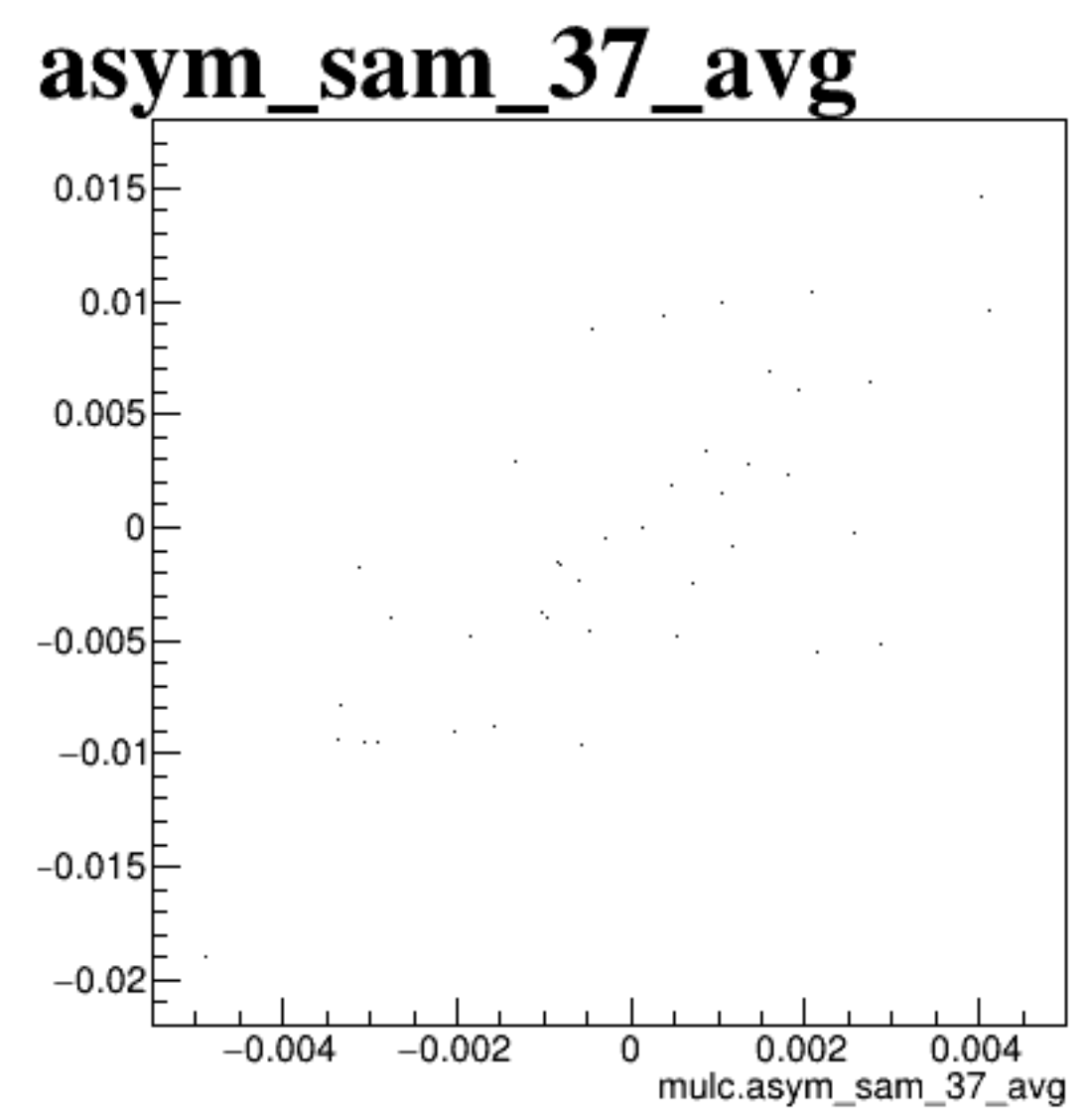
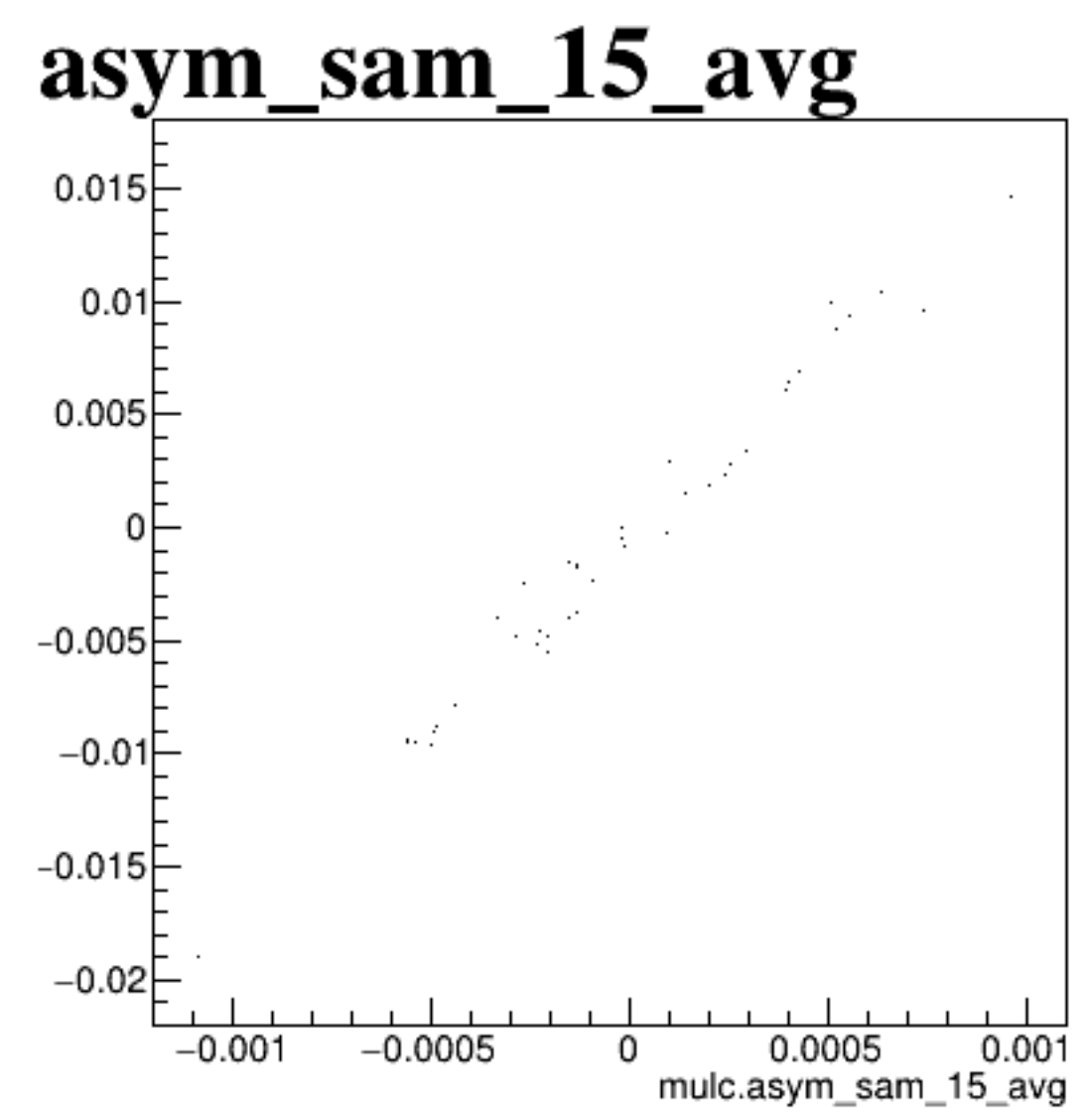
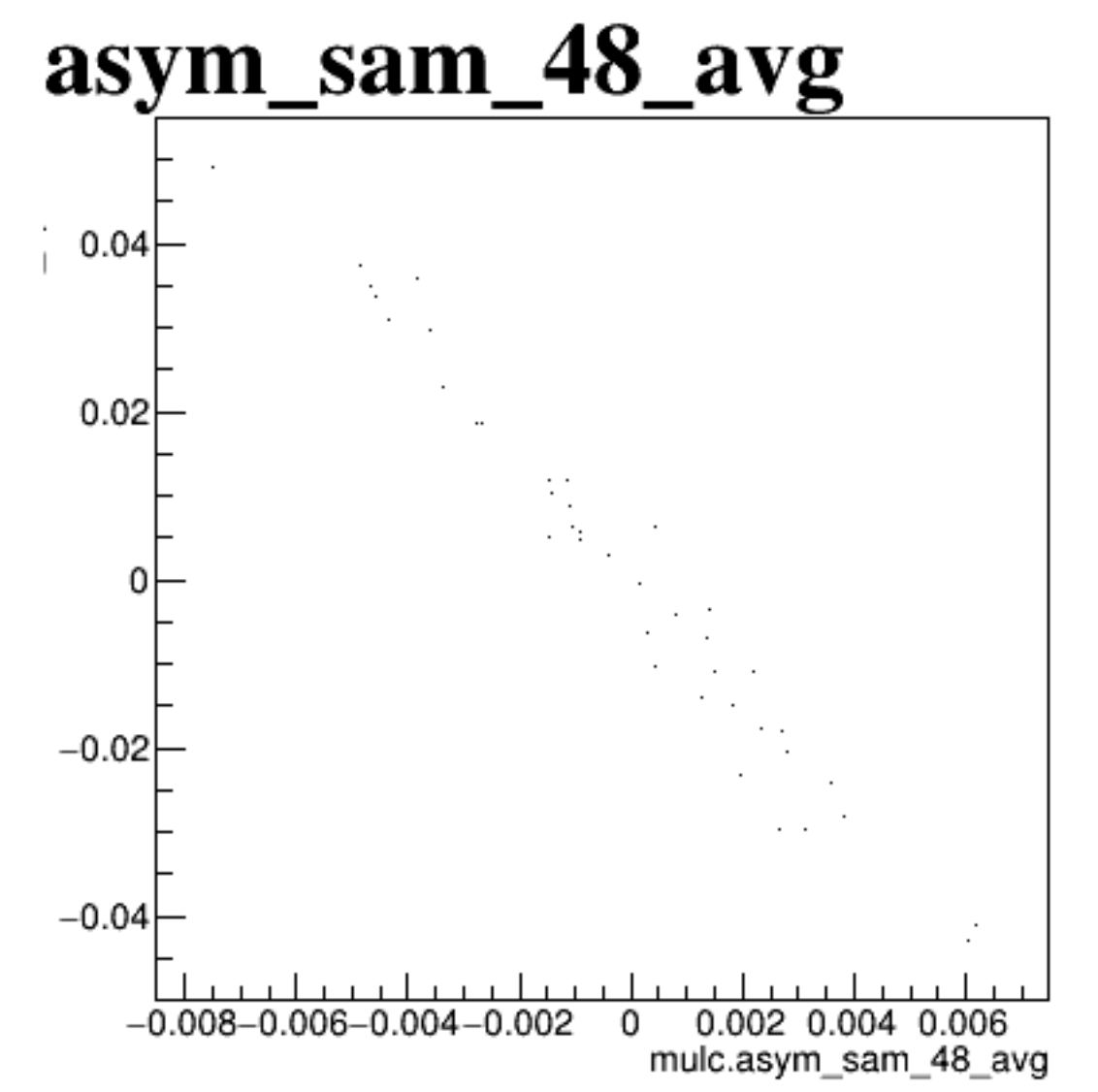
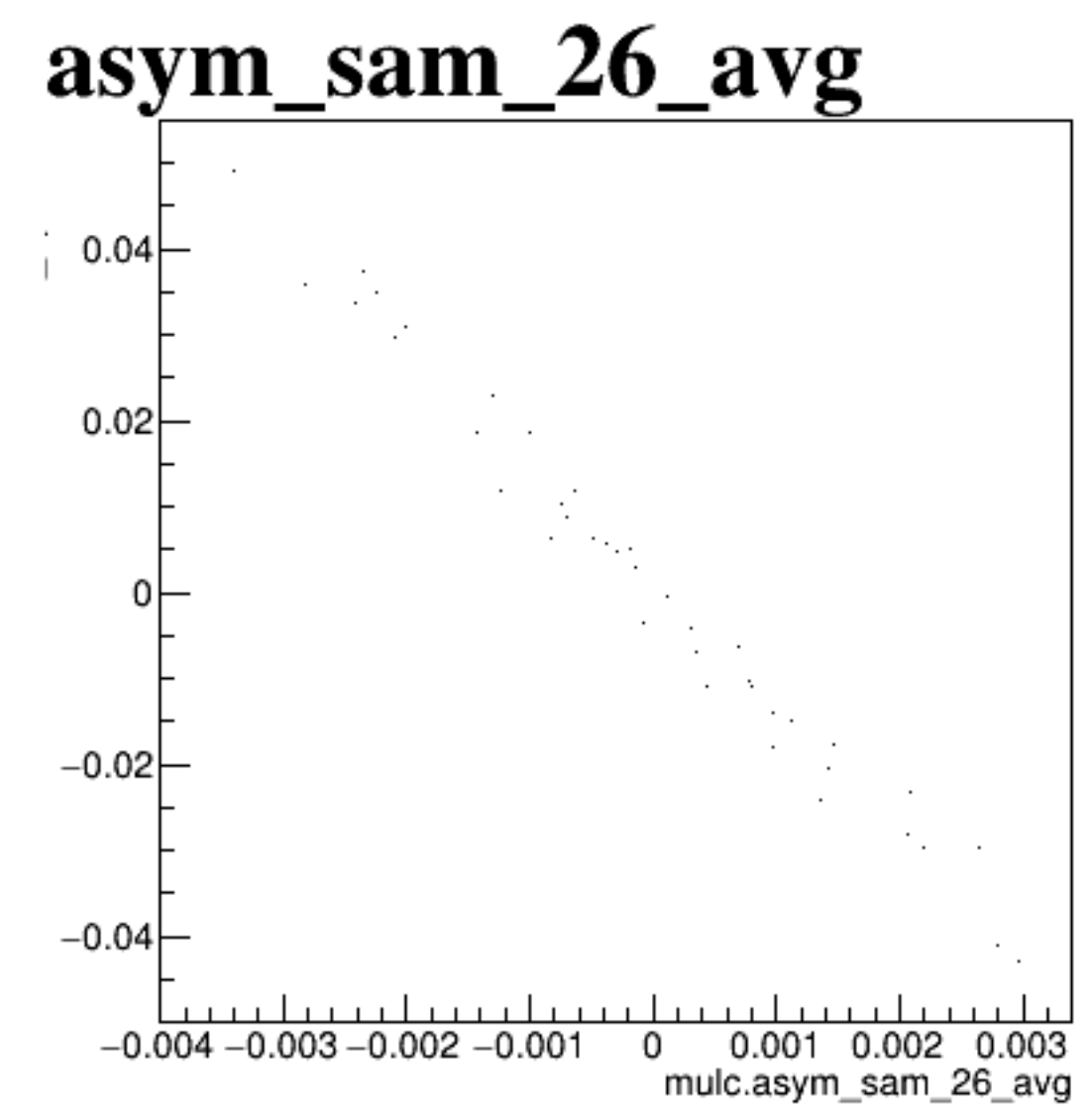
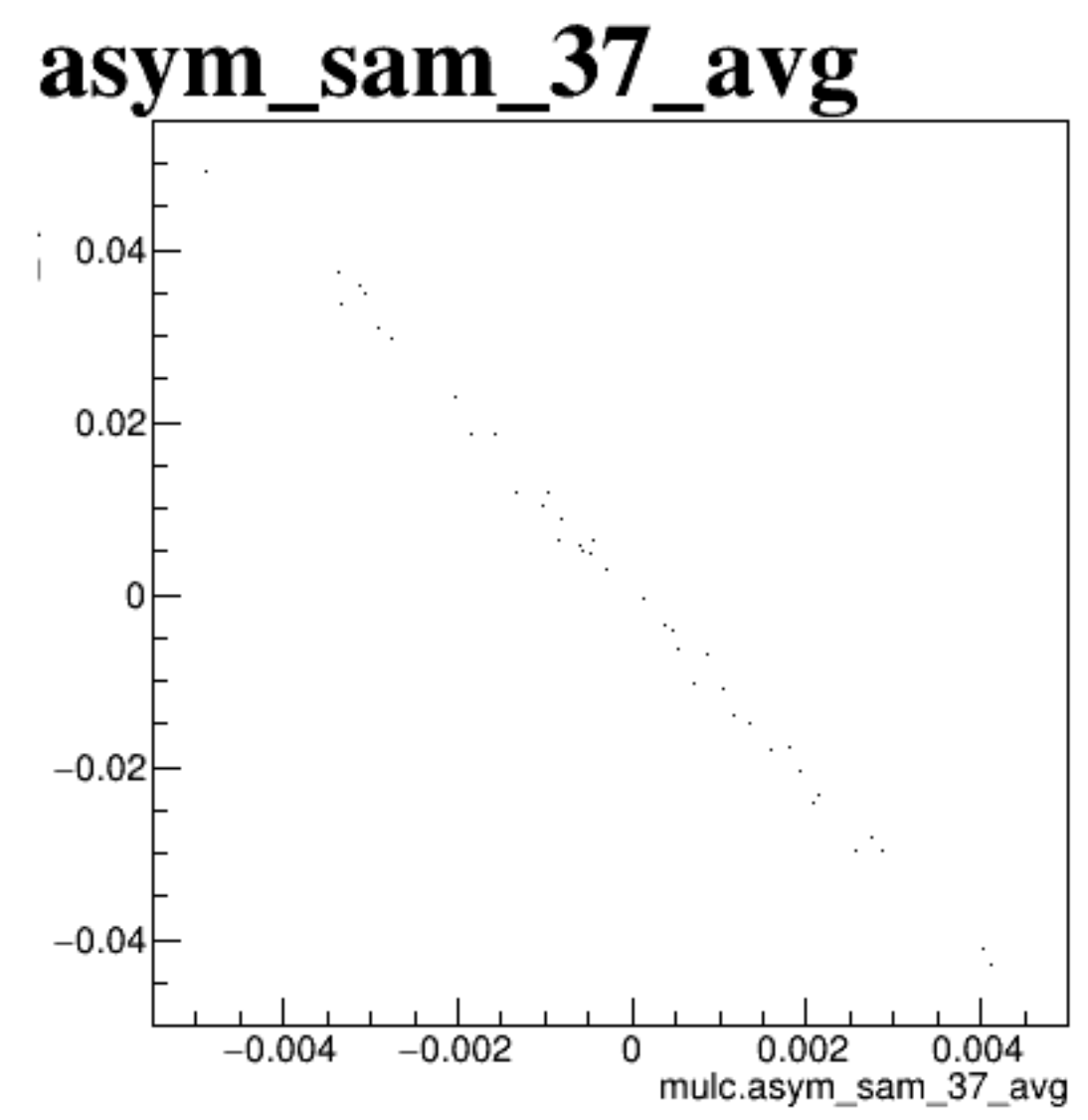
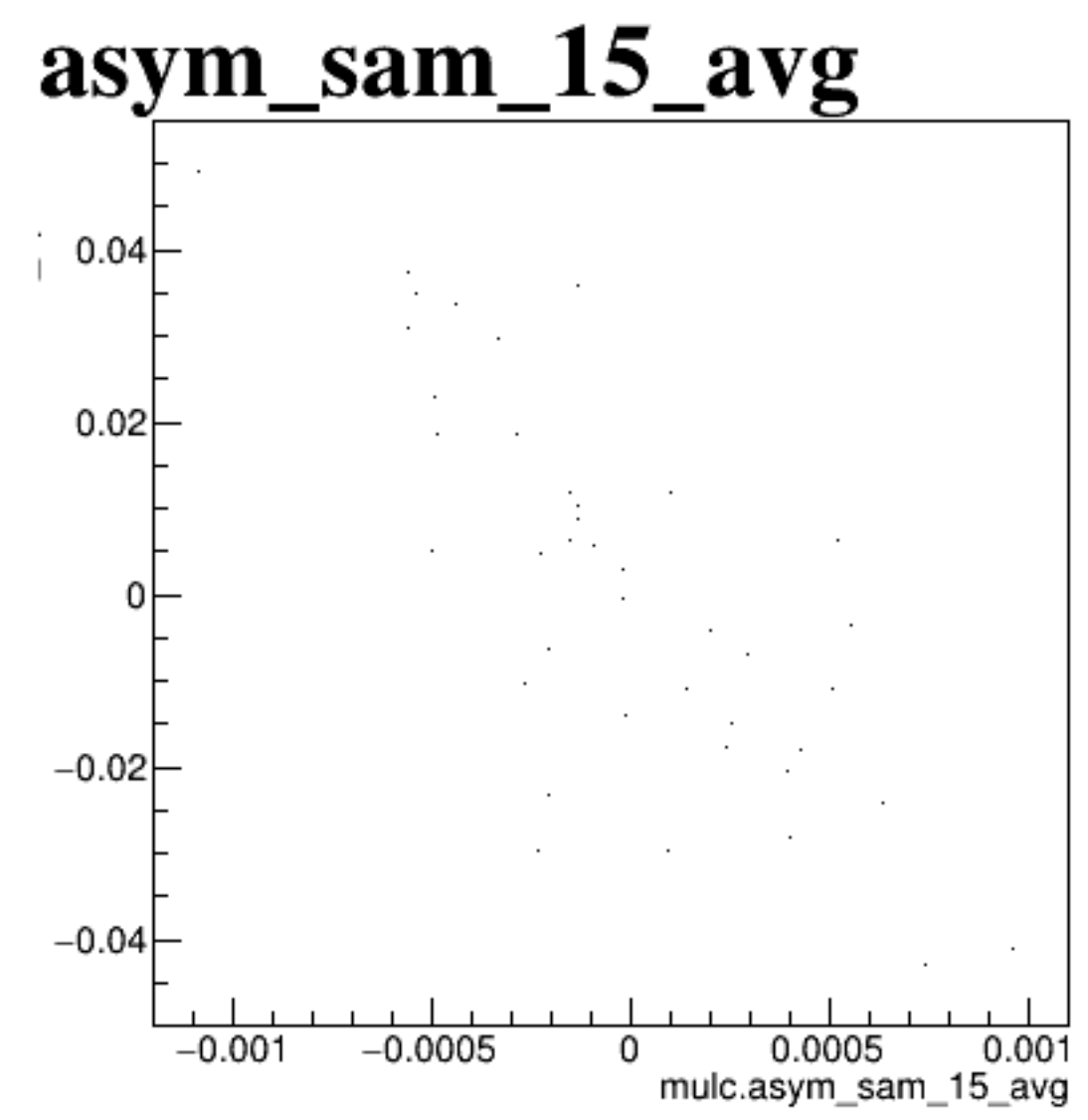


diff_bpm12X

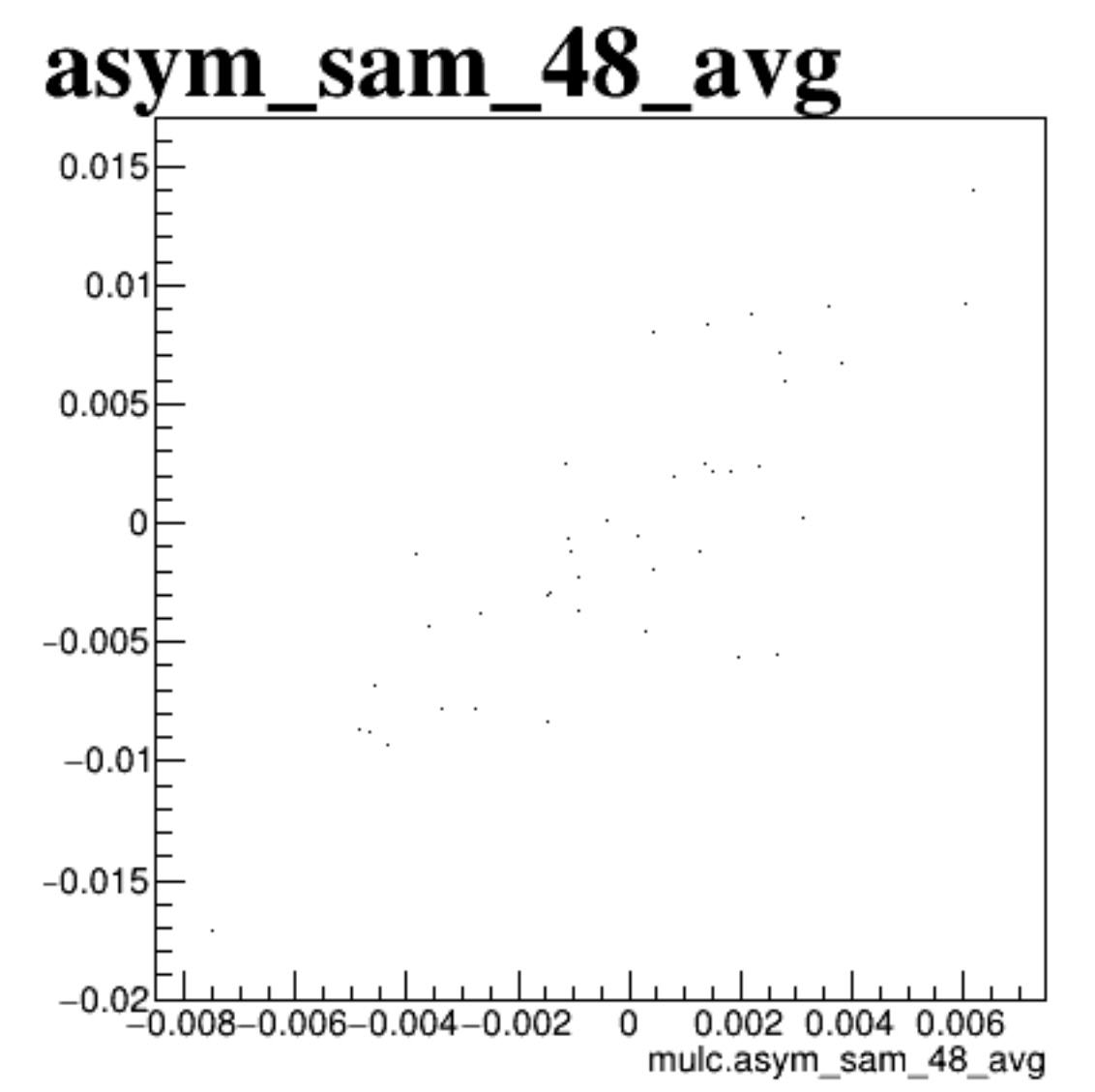
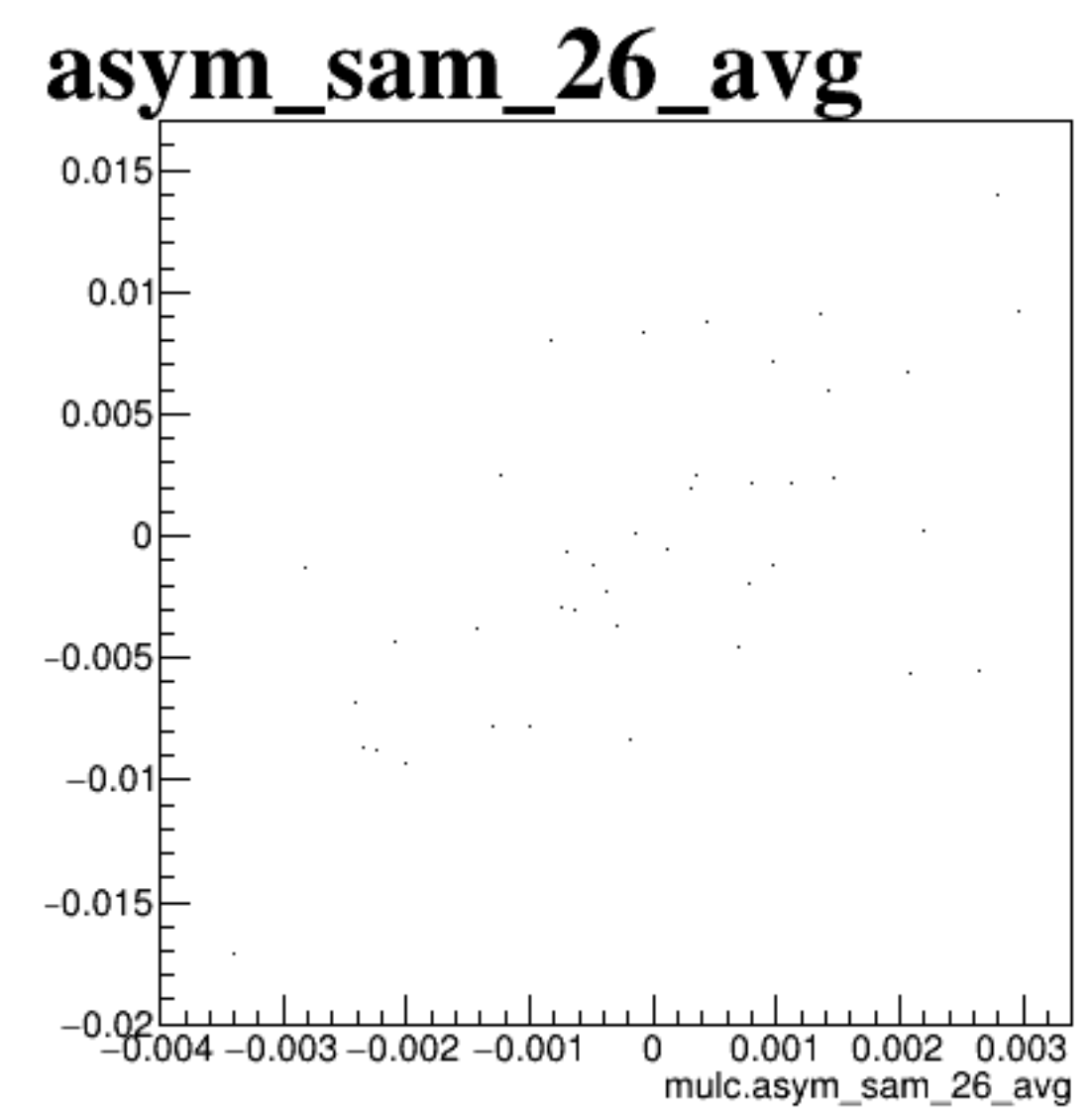
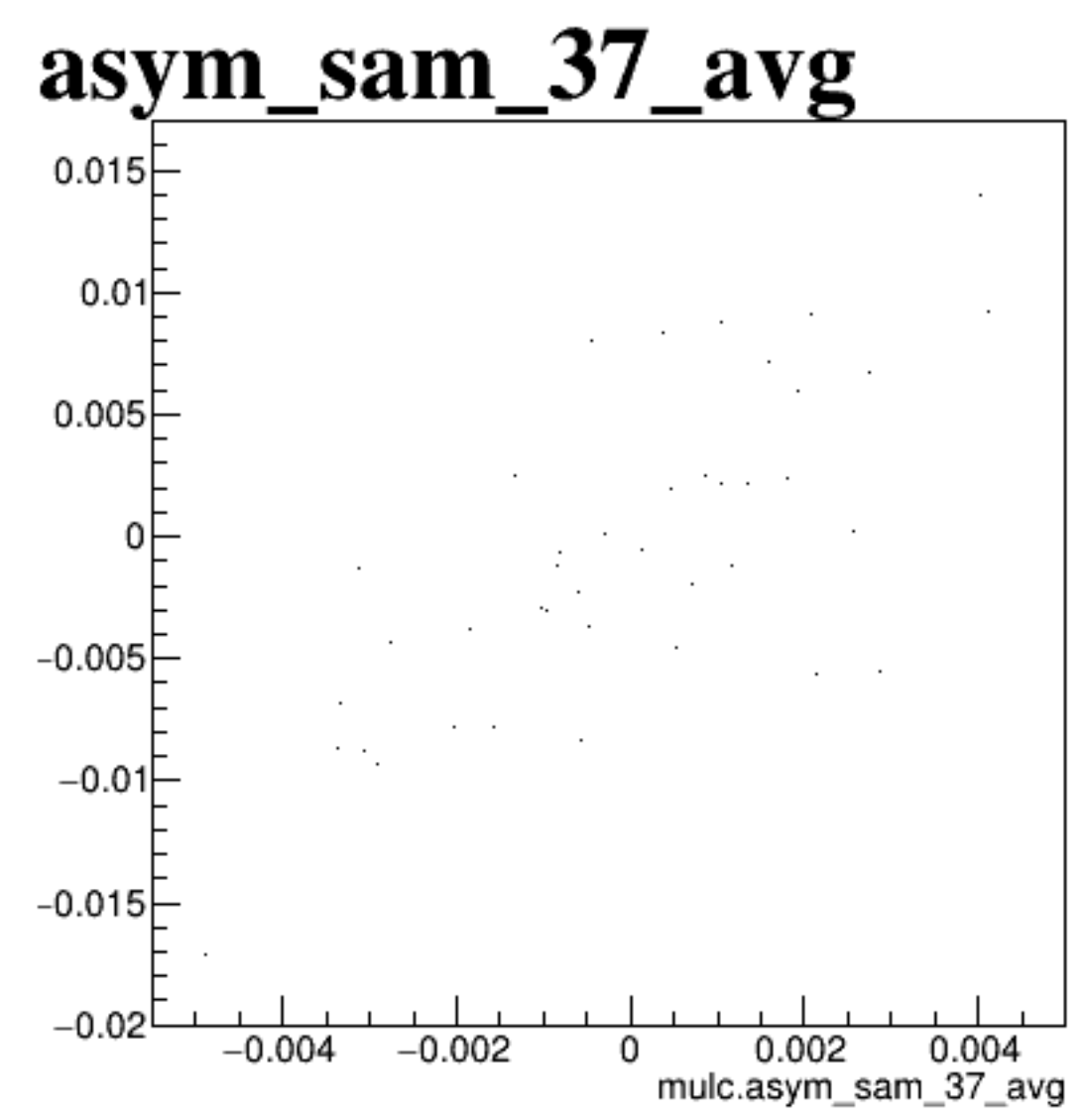
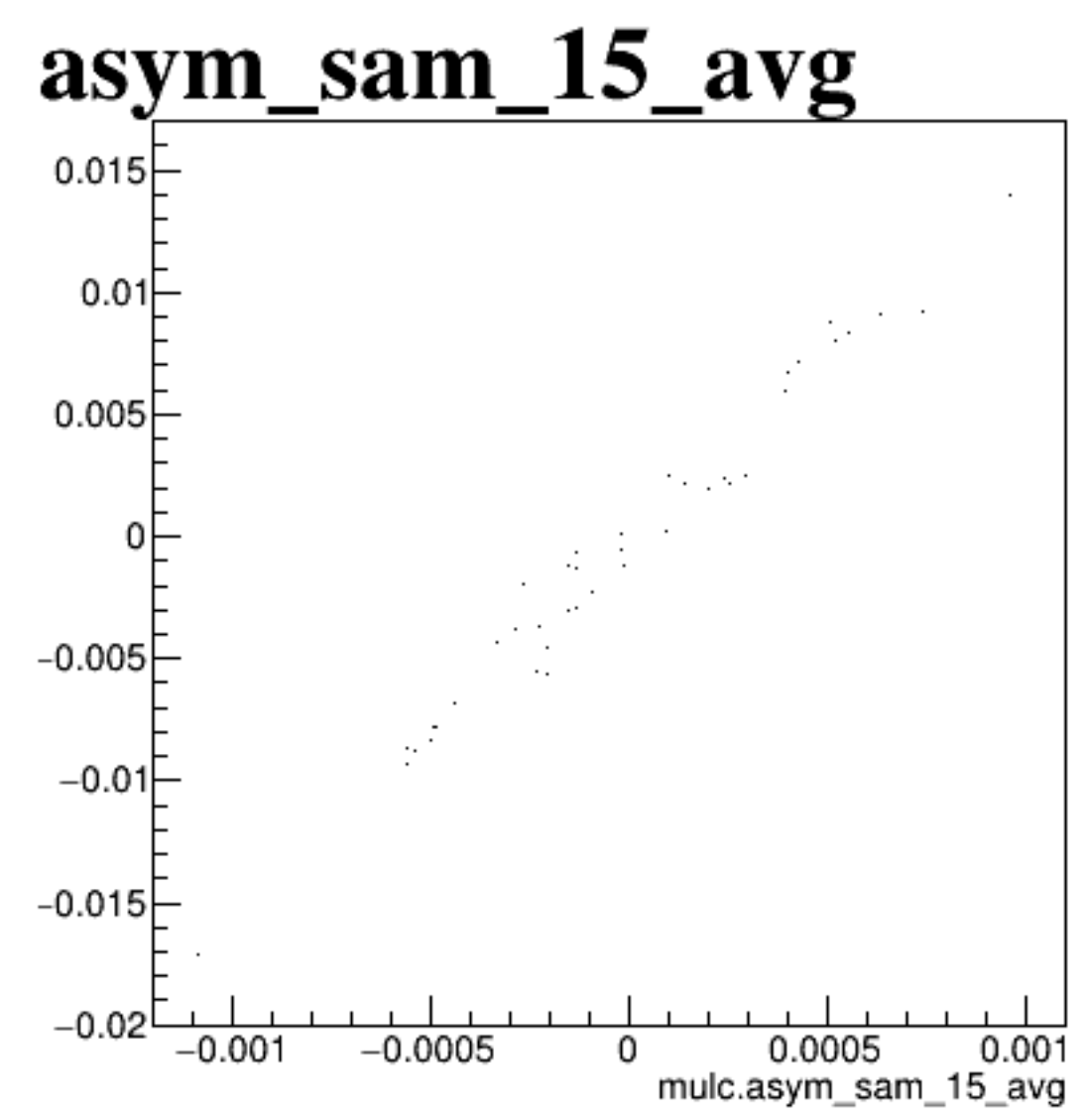


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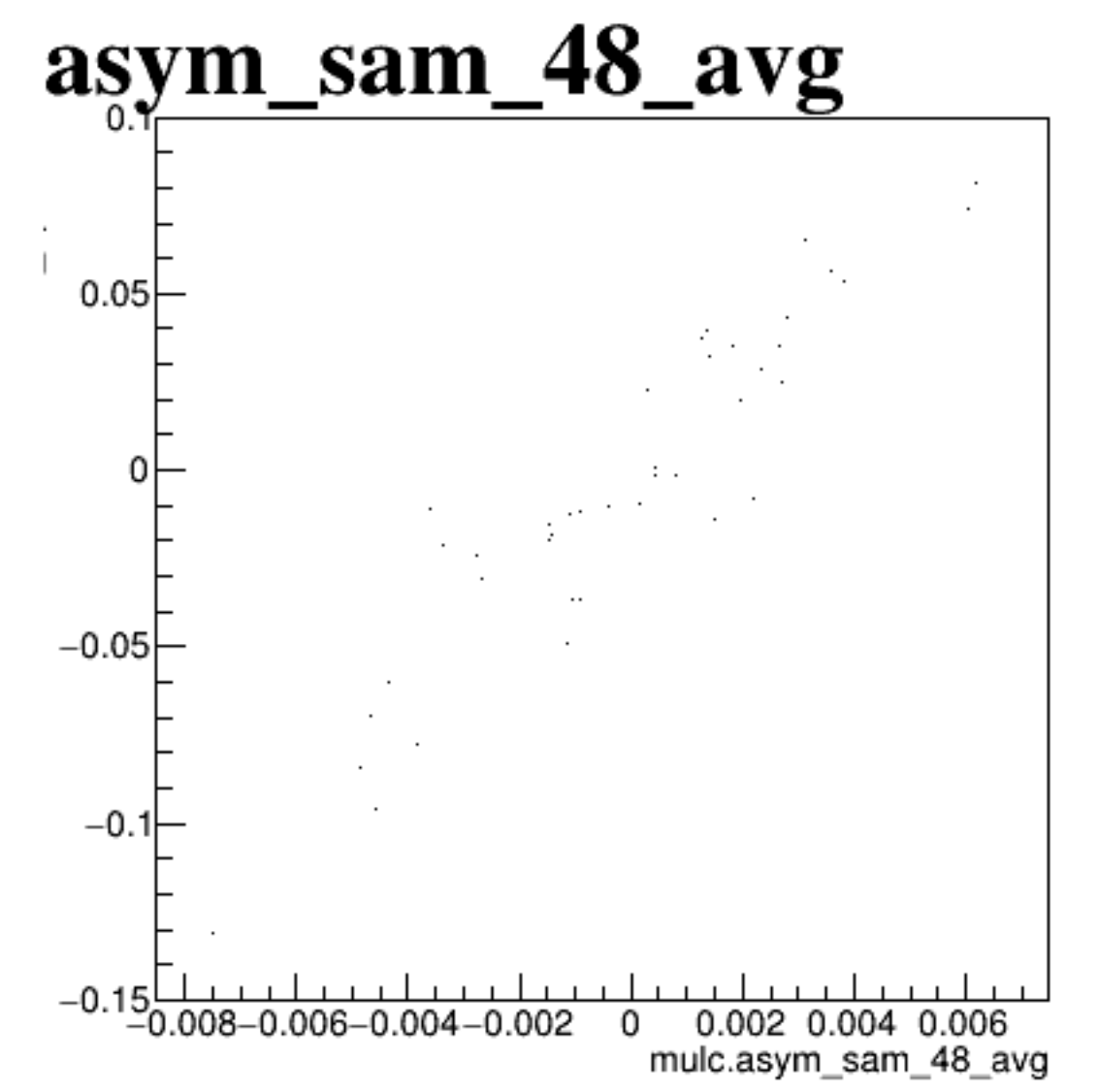
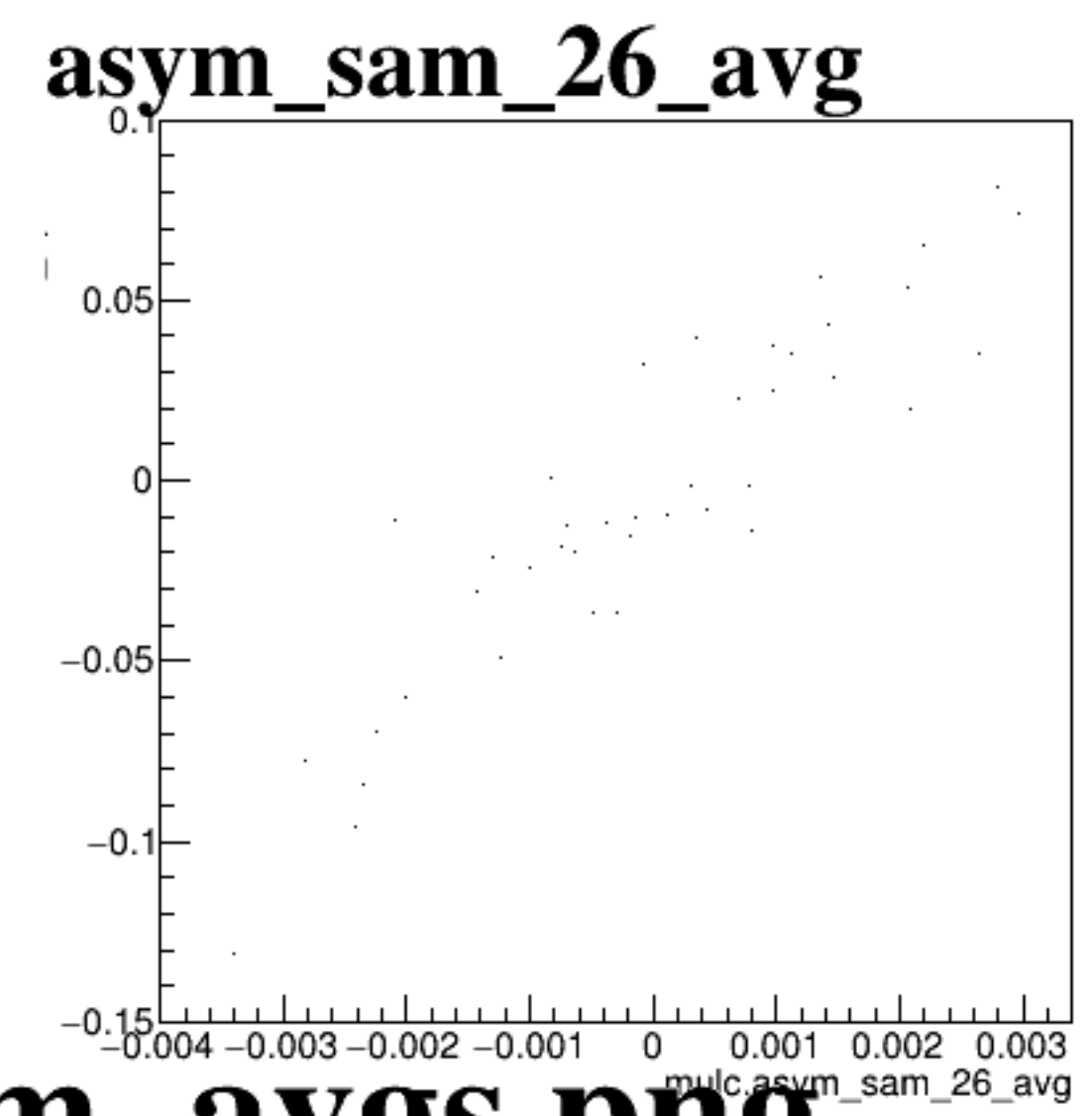
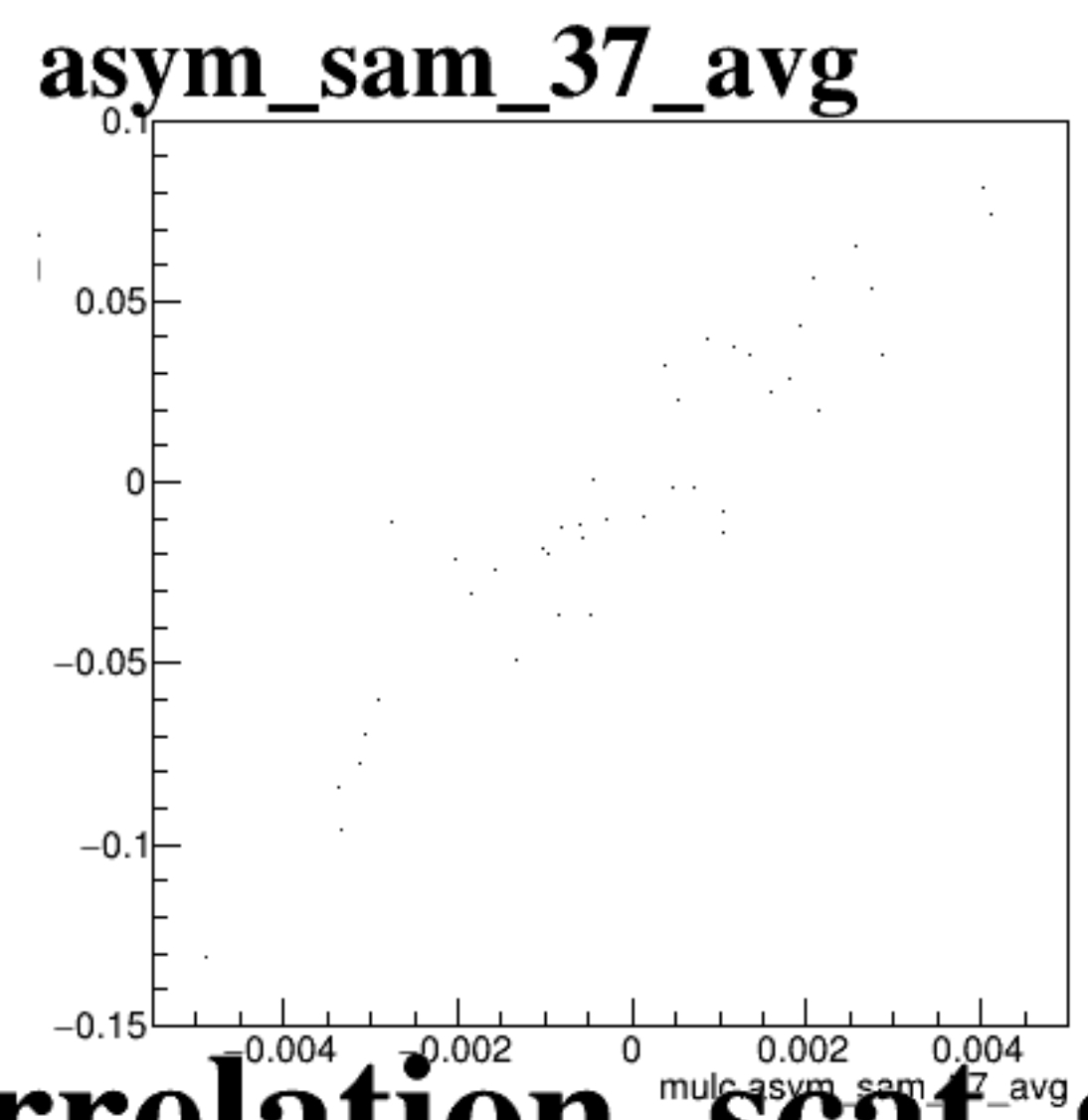
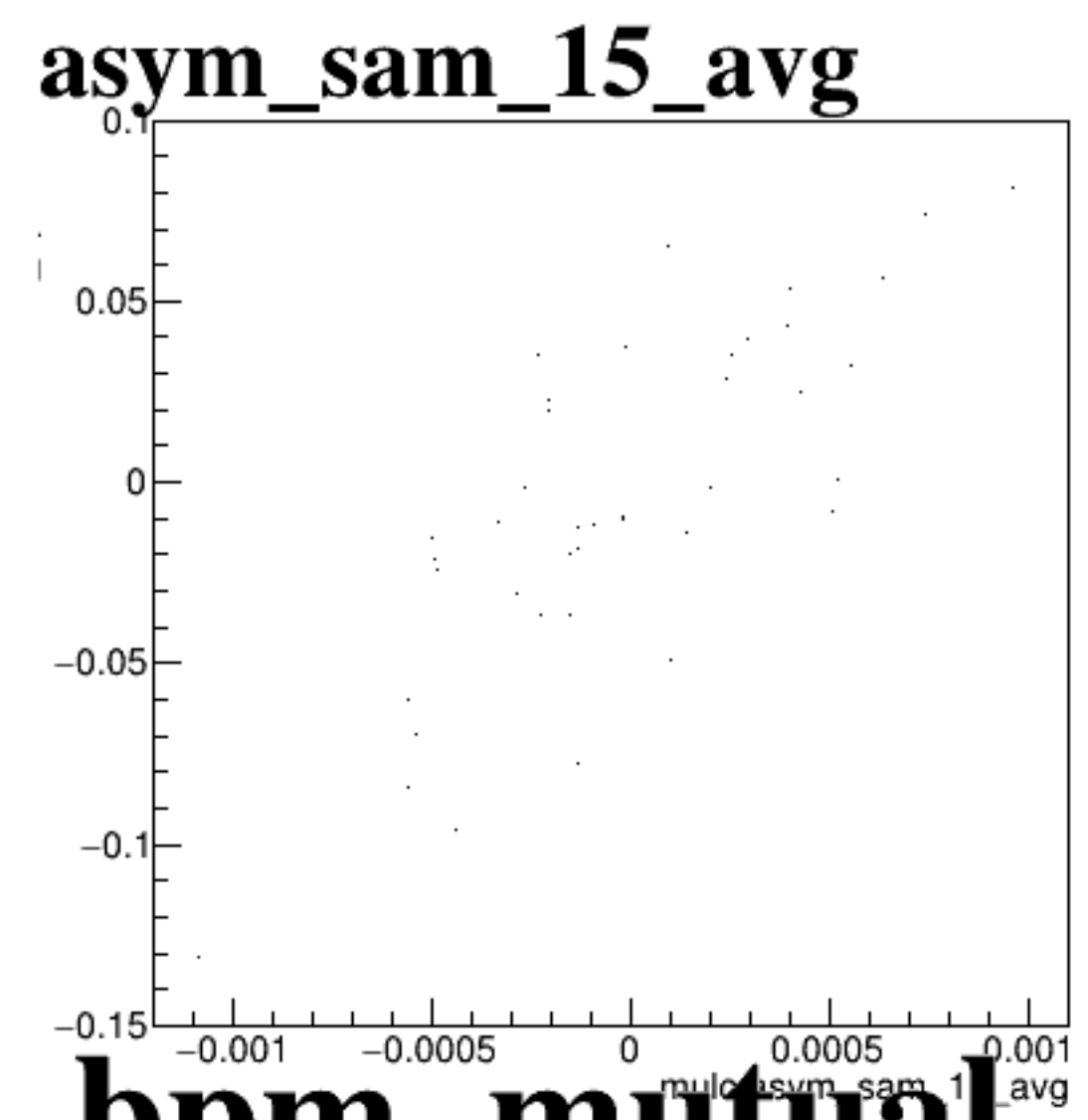
diff_bpm4aY

**diff_bpm4eX**

diff_bpm4eY

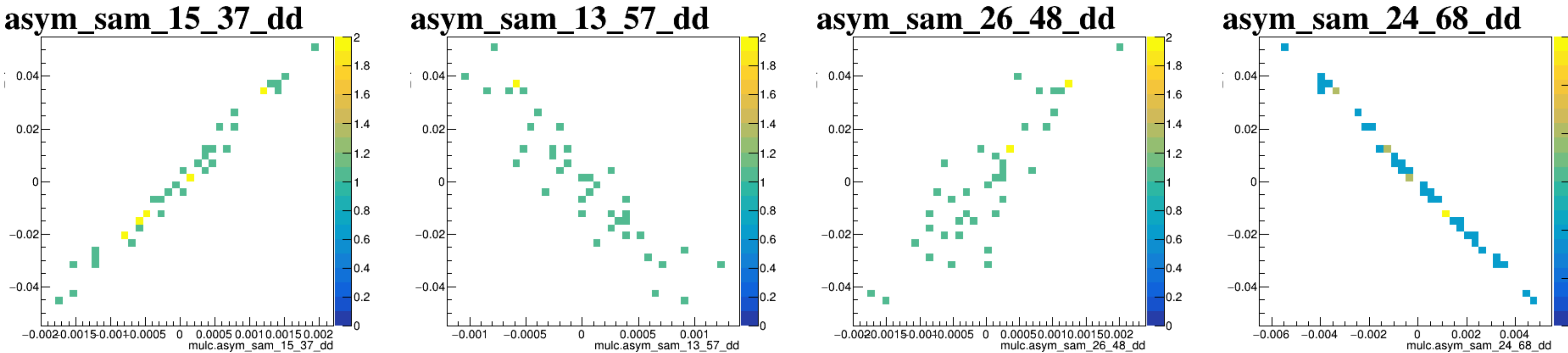


diff_bpm12X

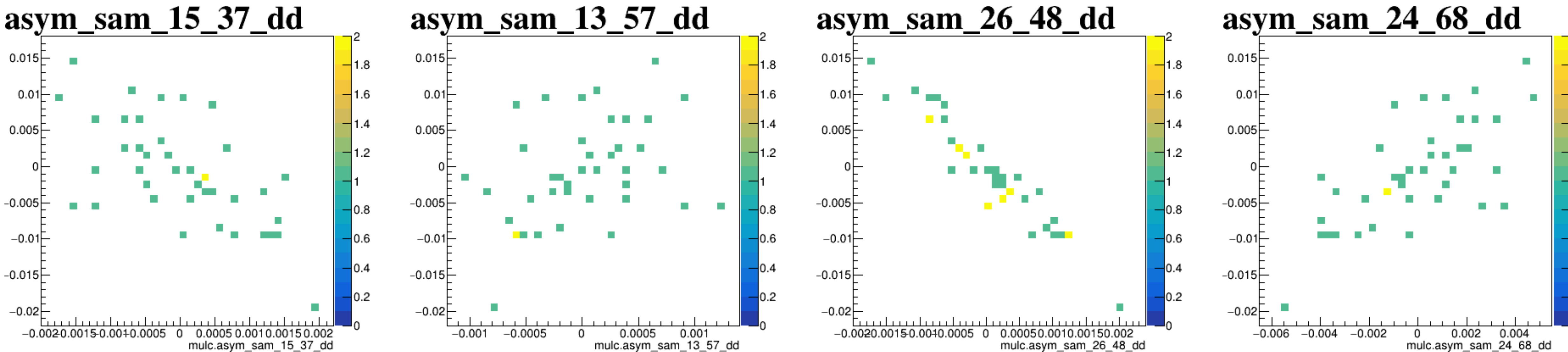


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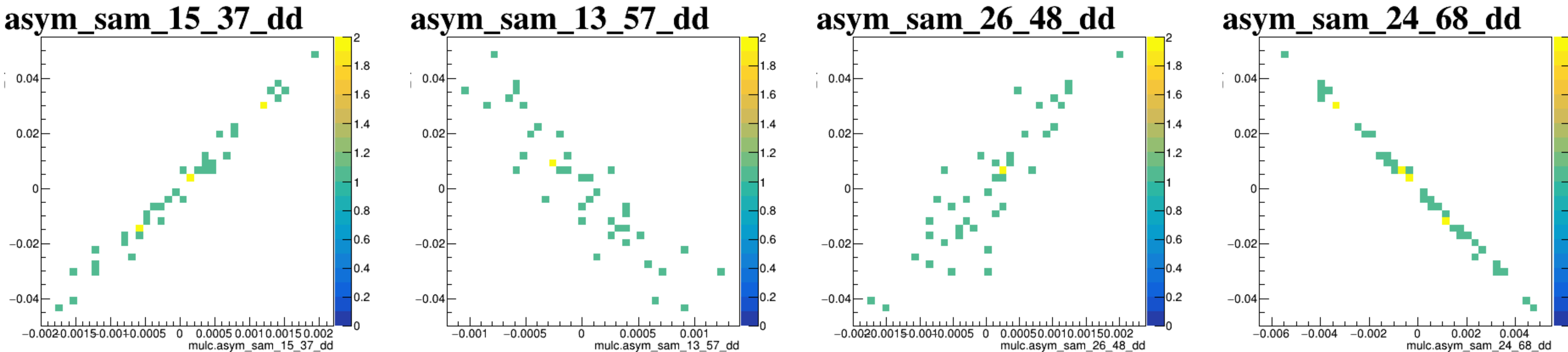
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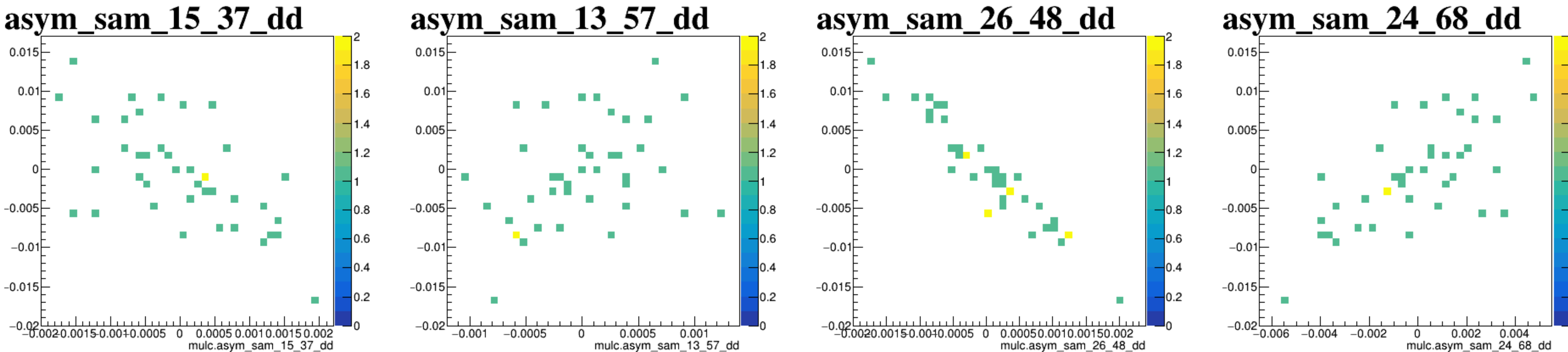
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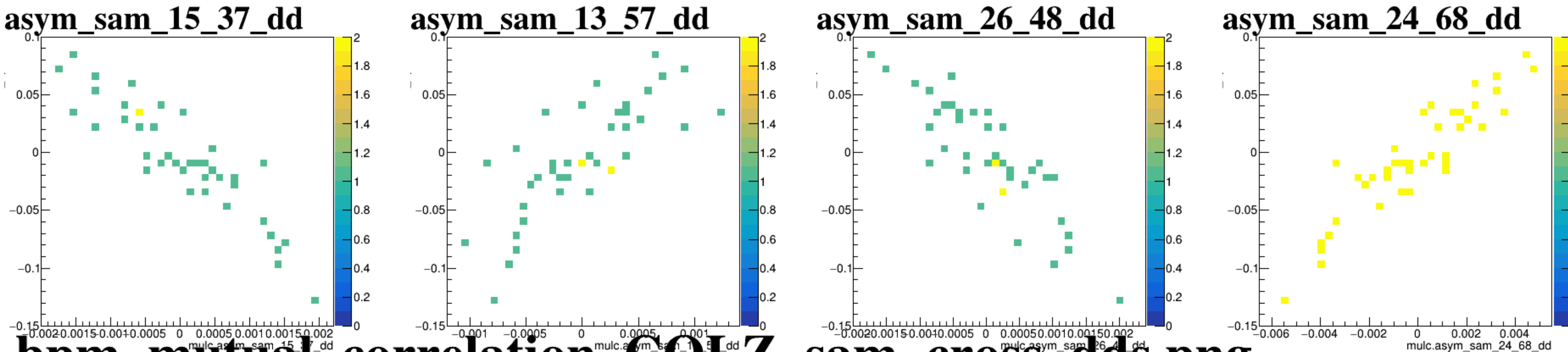
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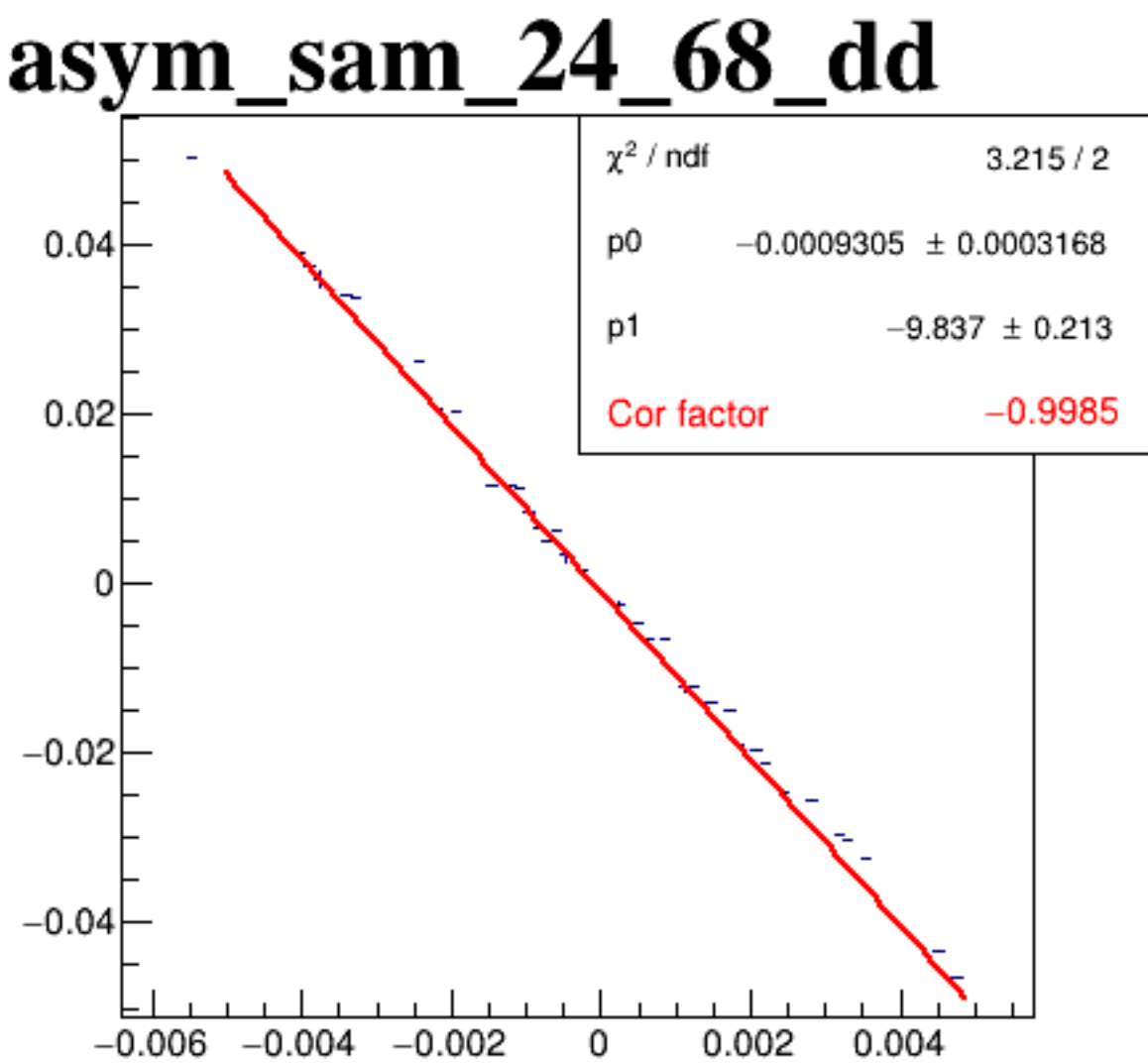
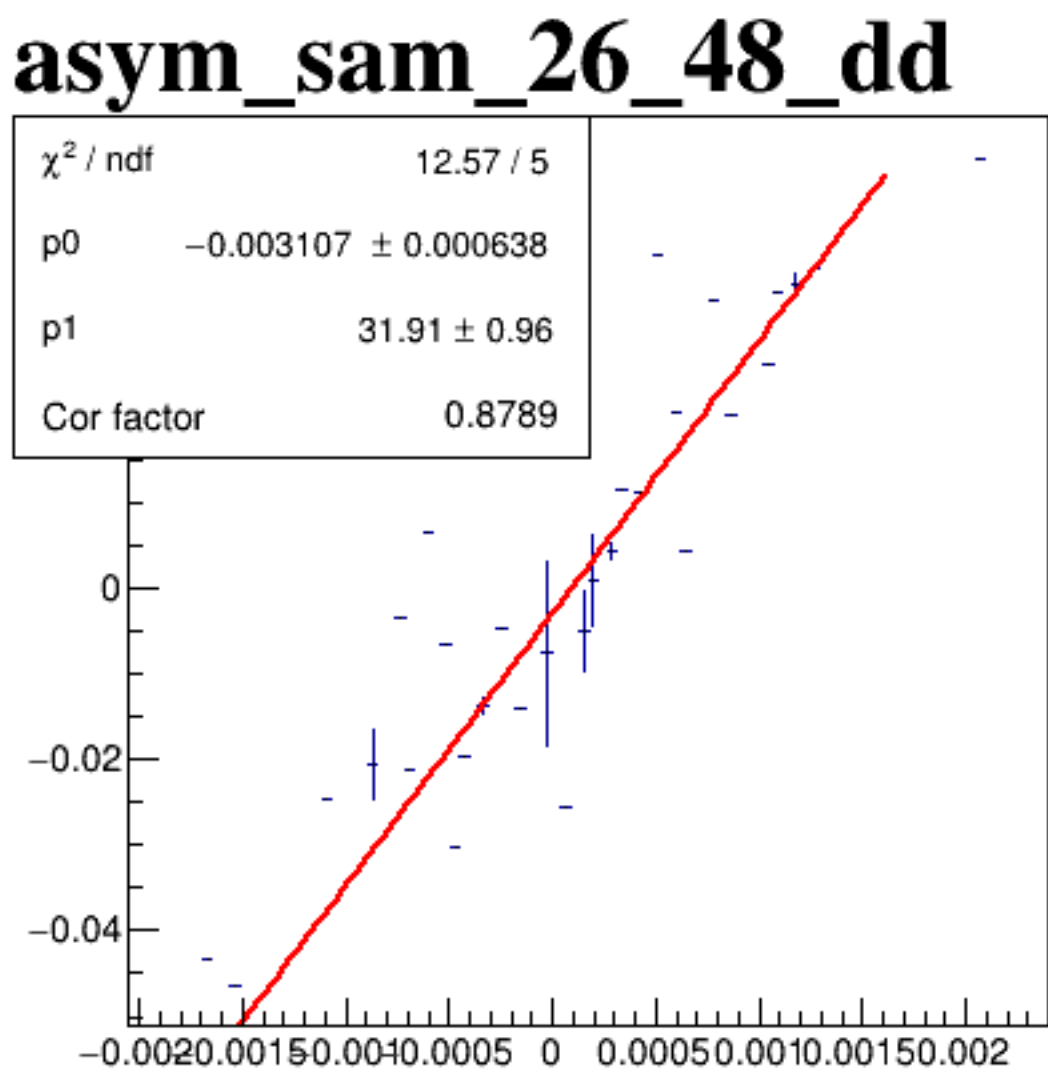
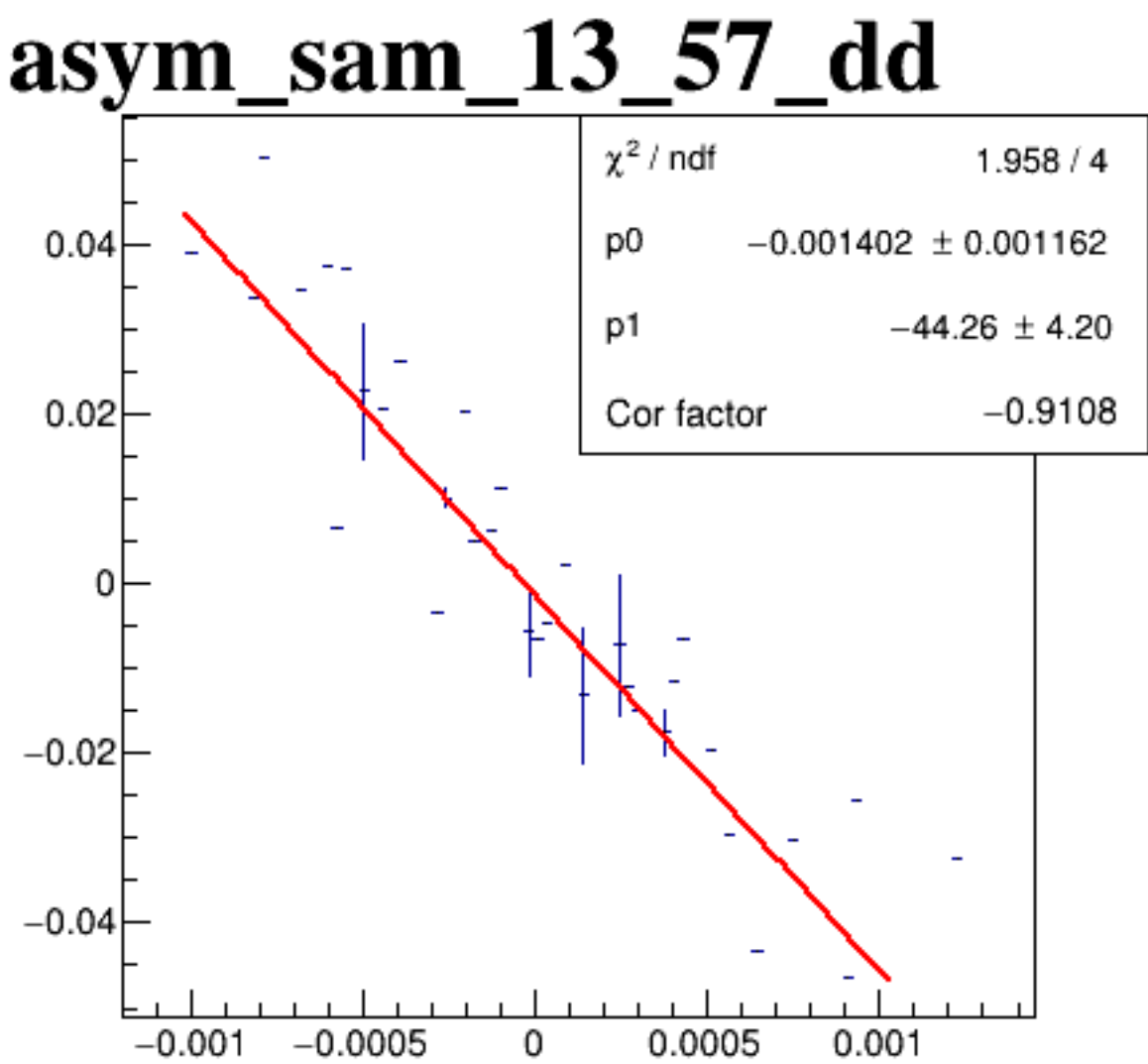
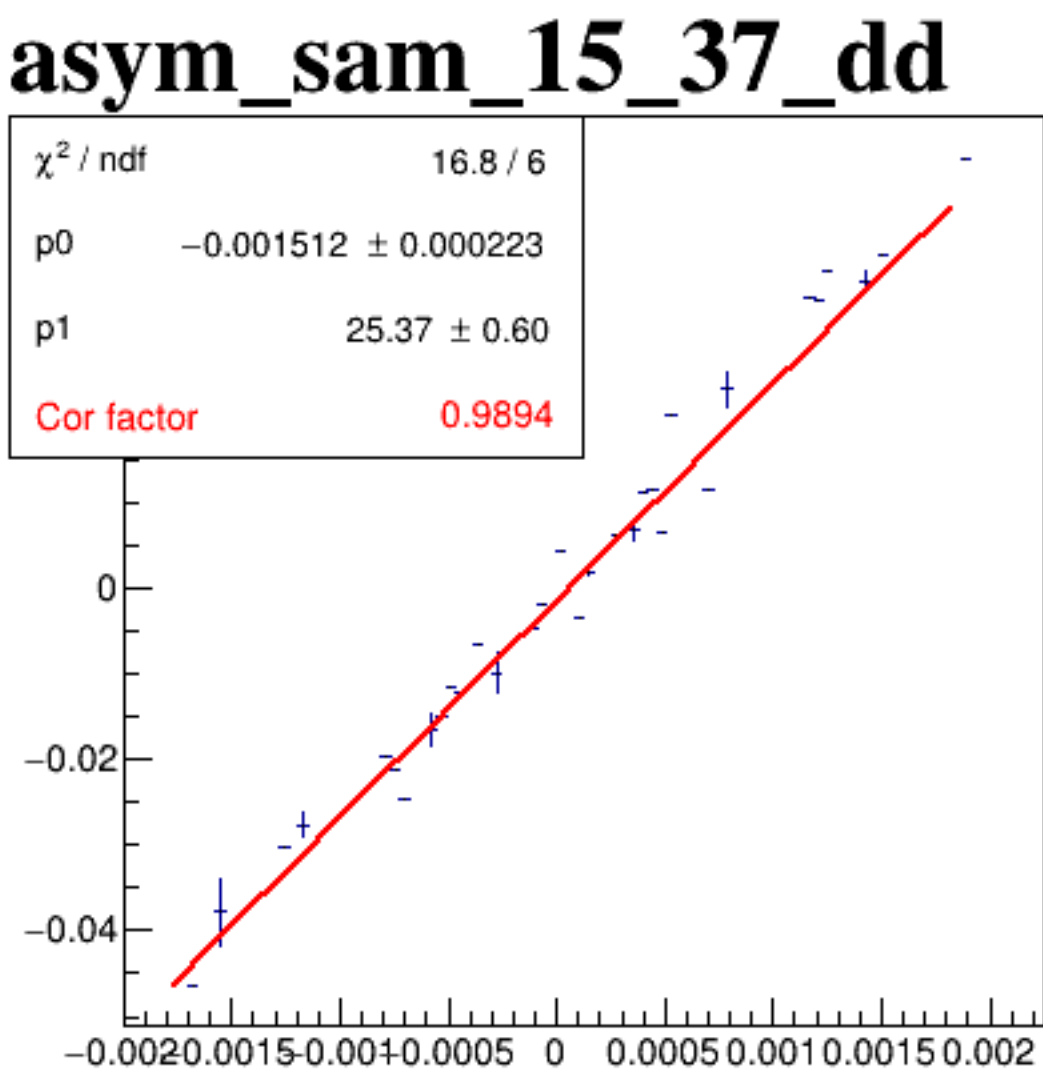
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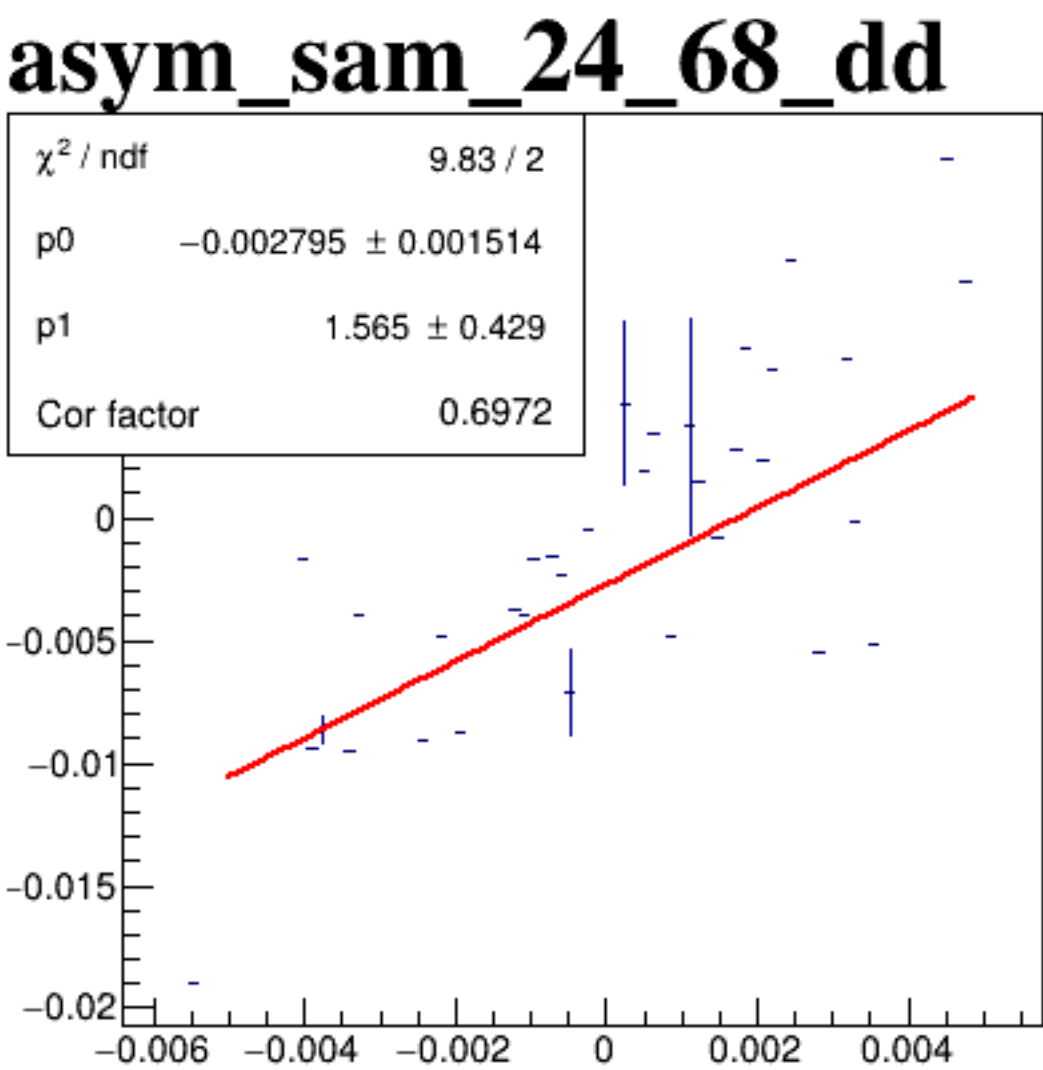
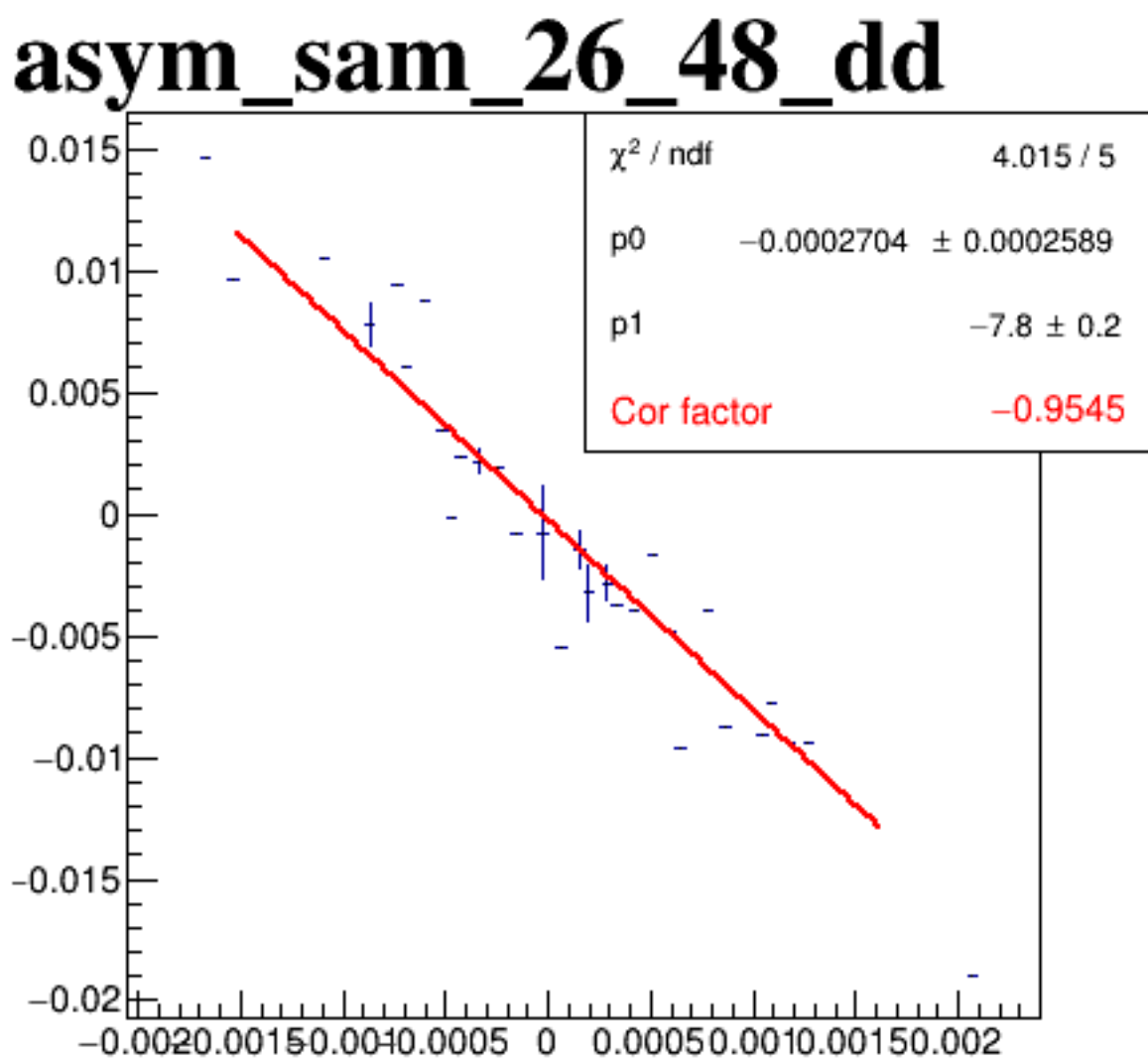
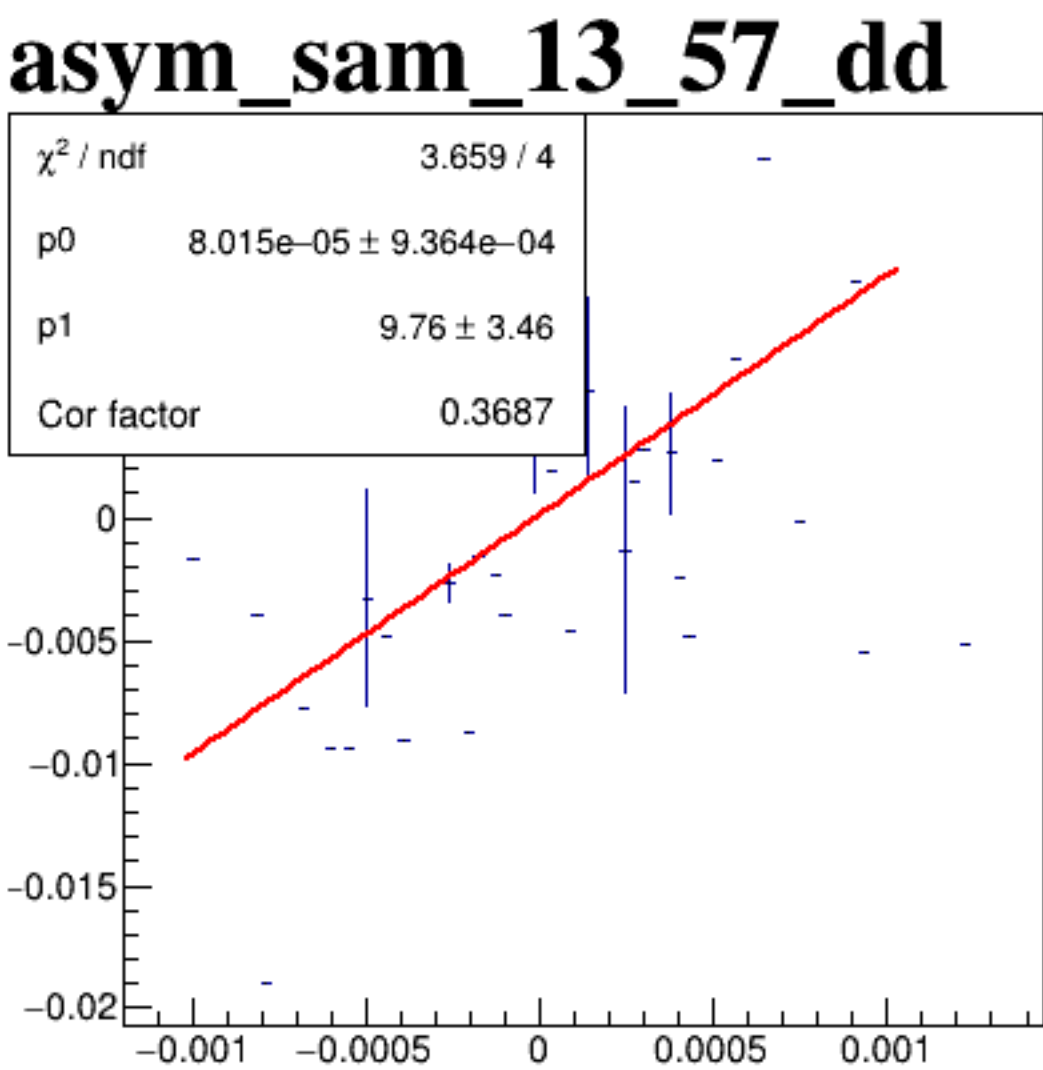
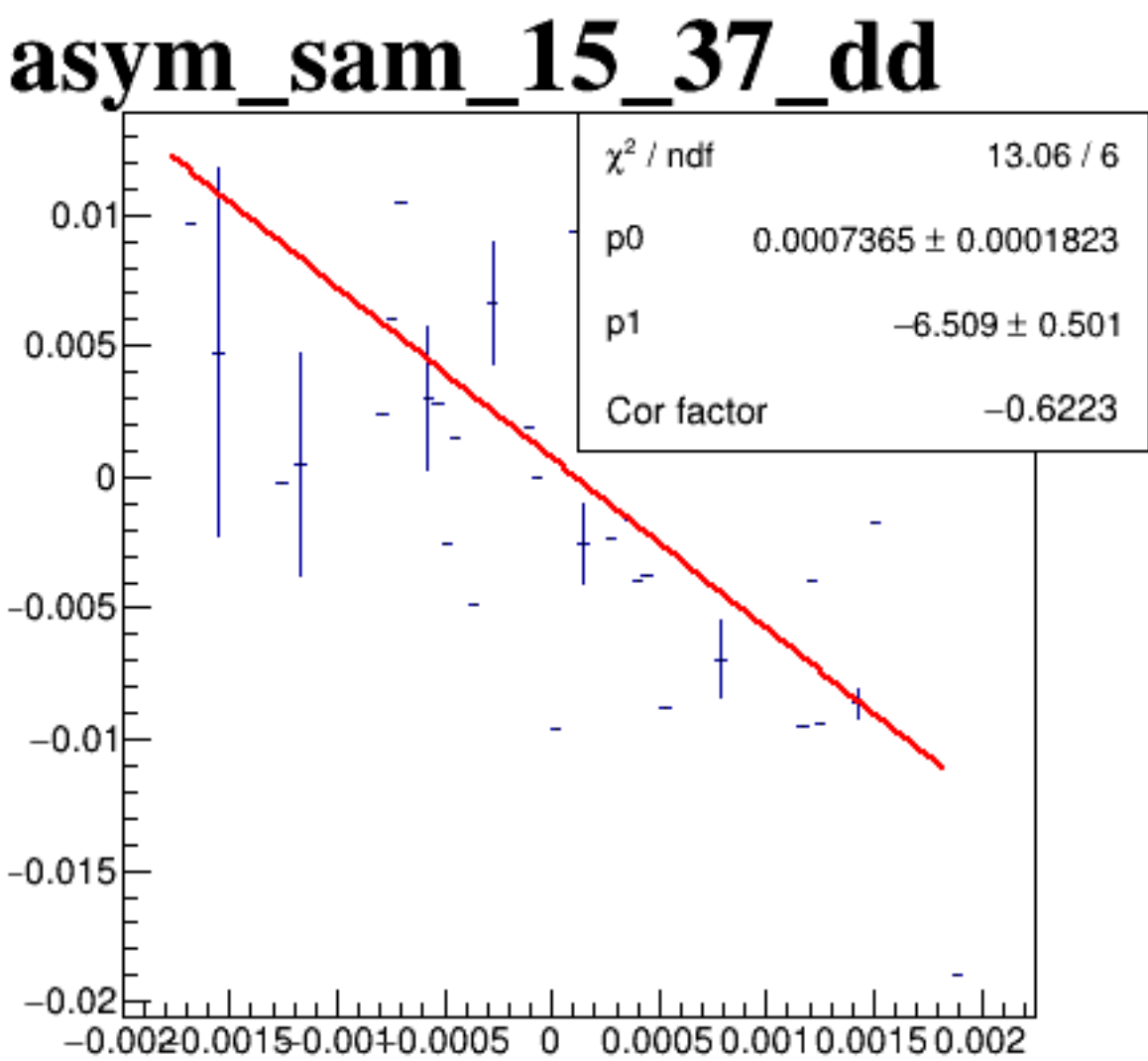
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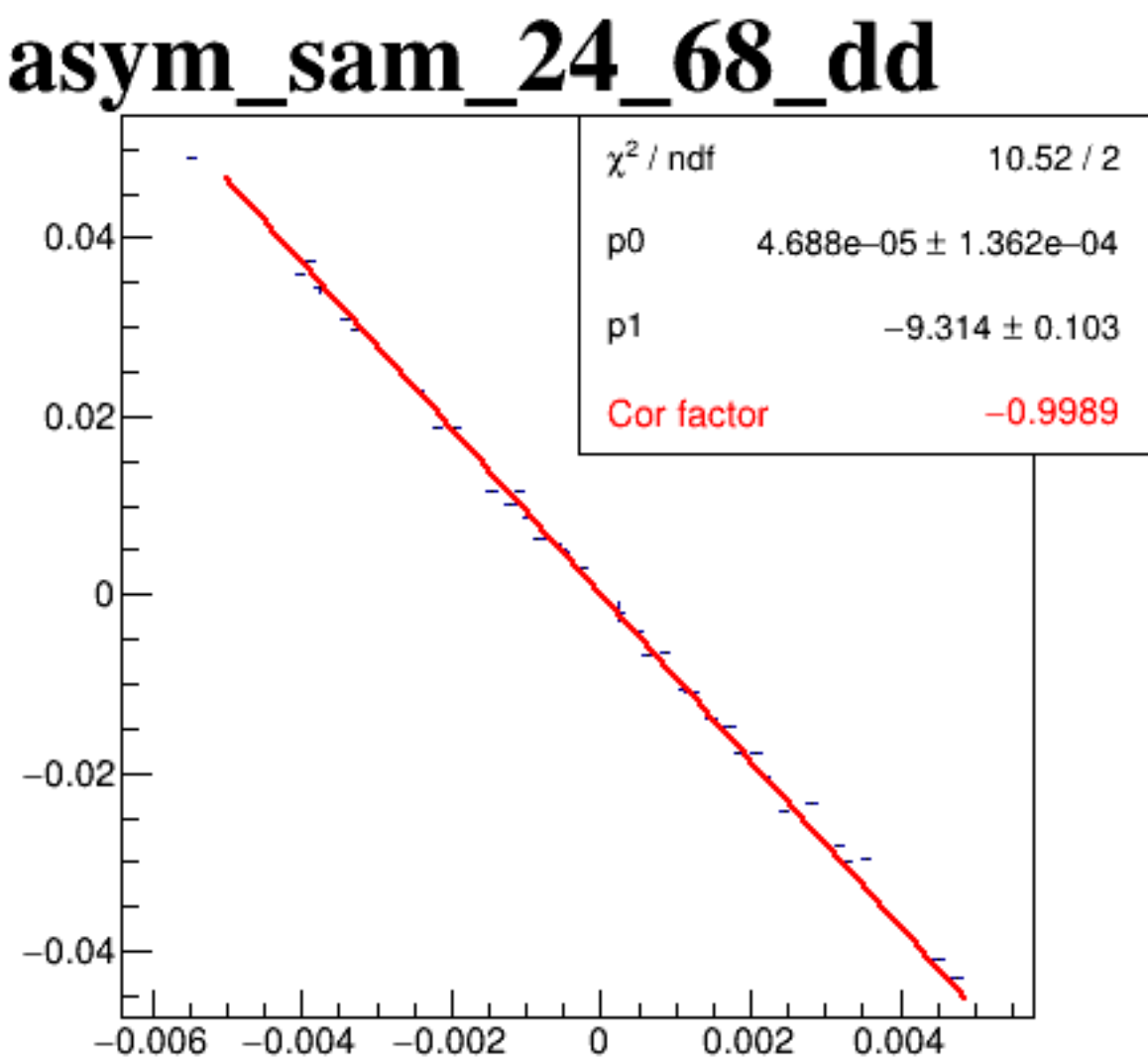
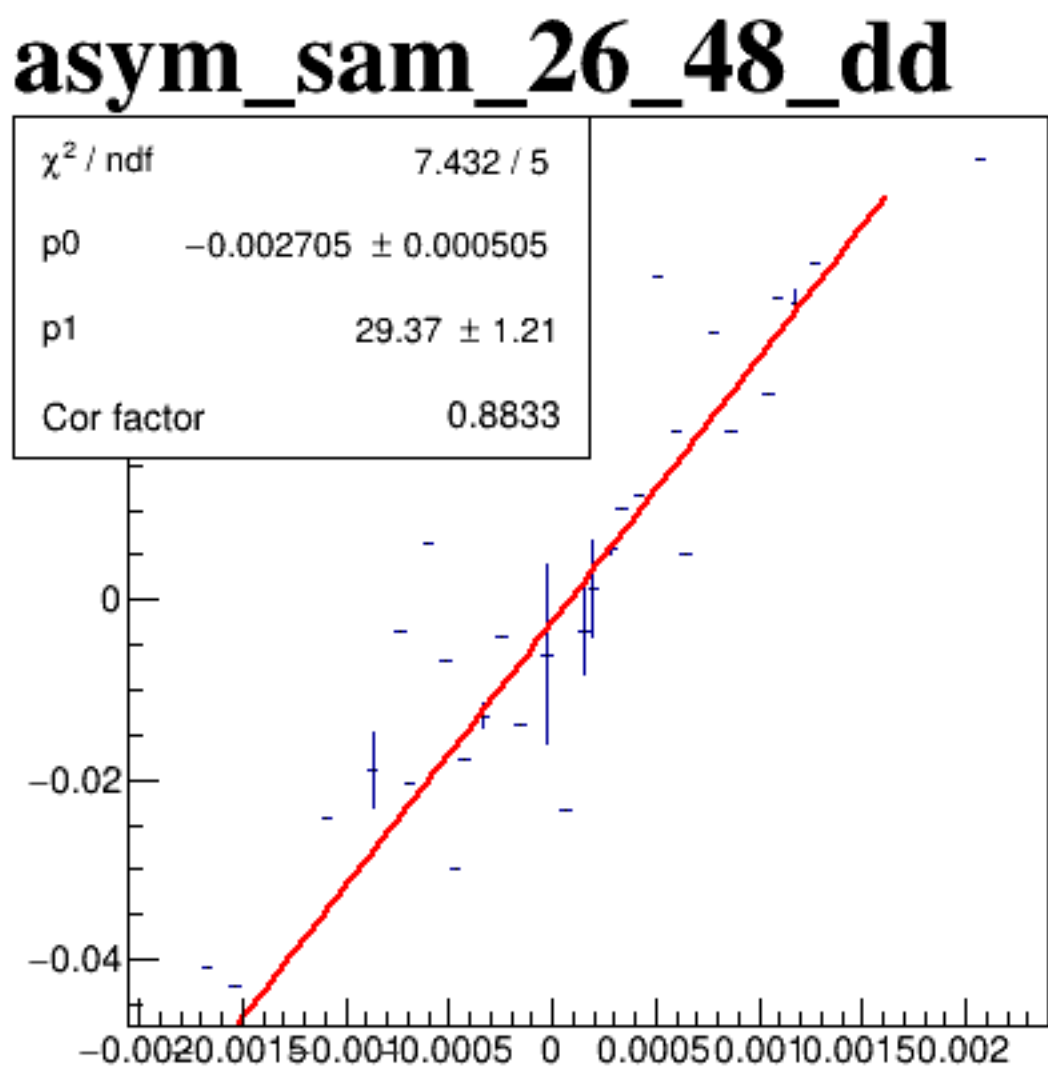
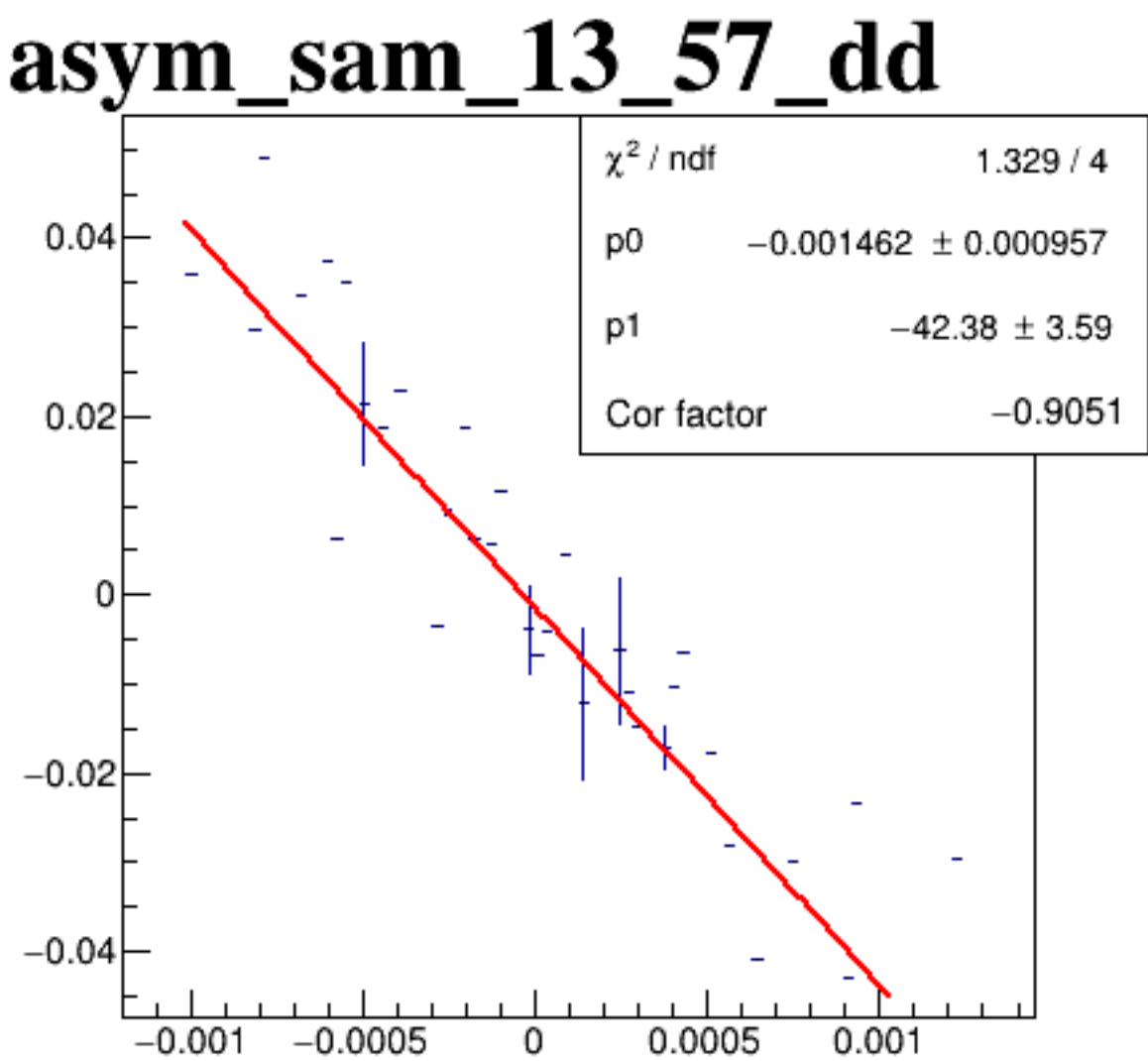
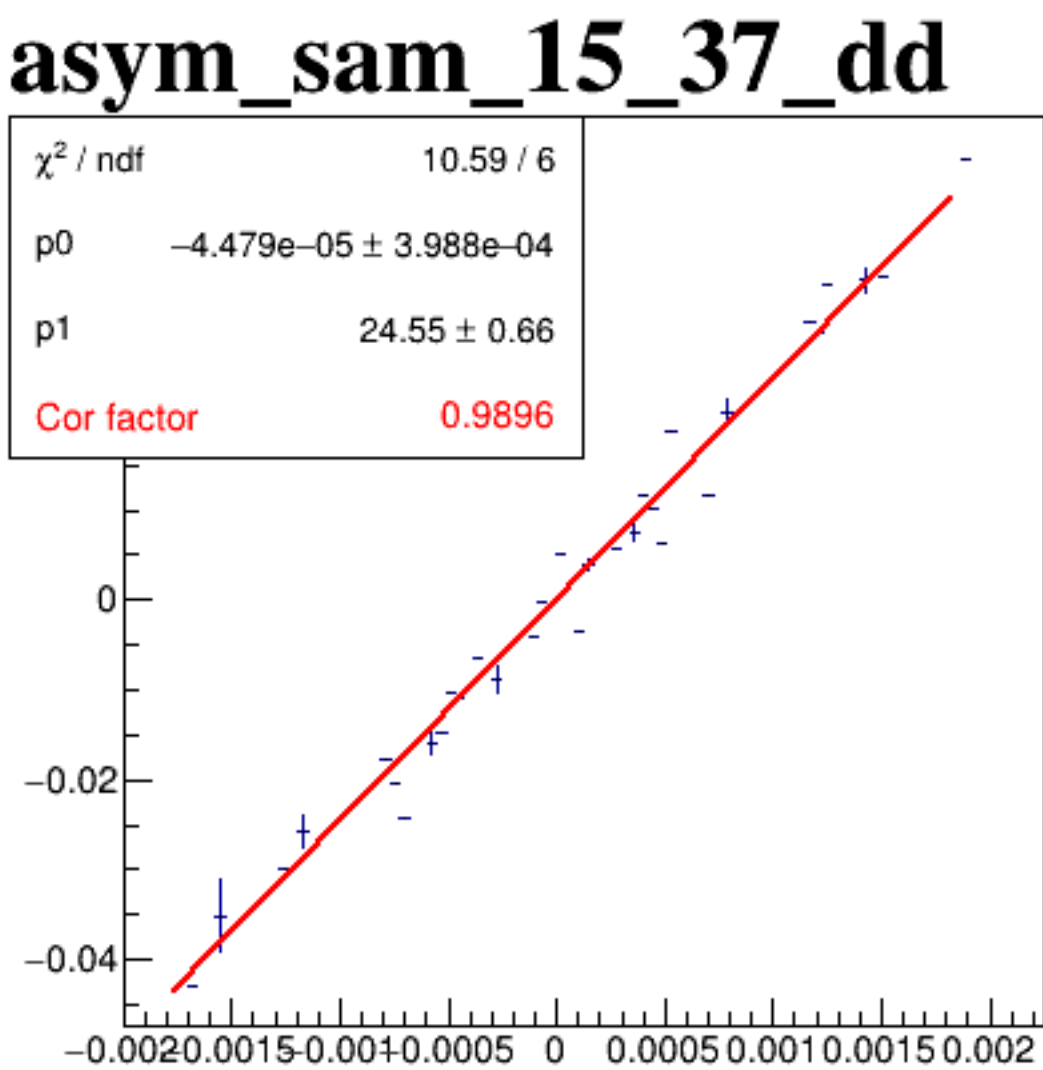
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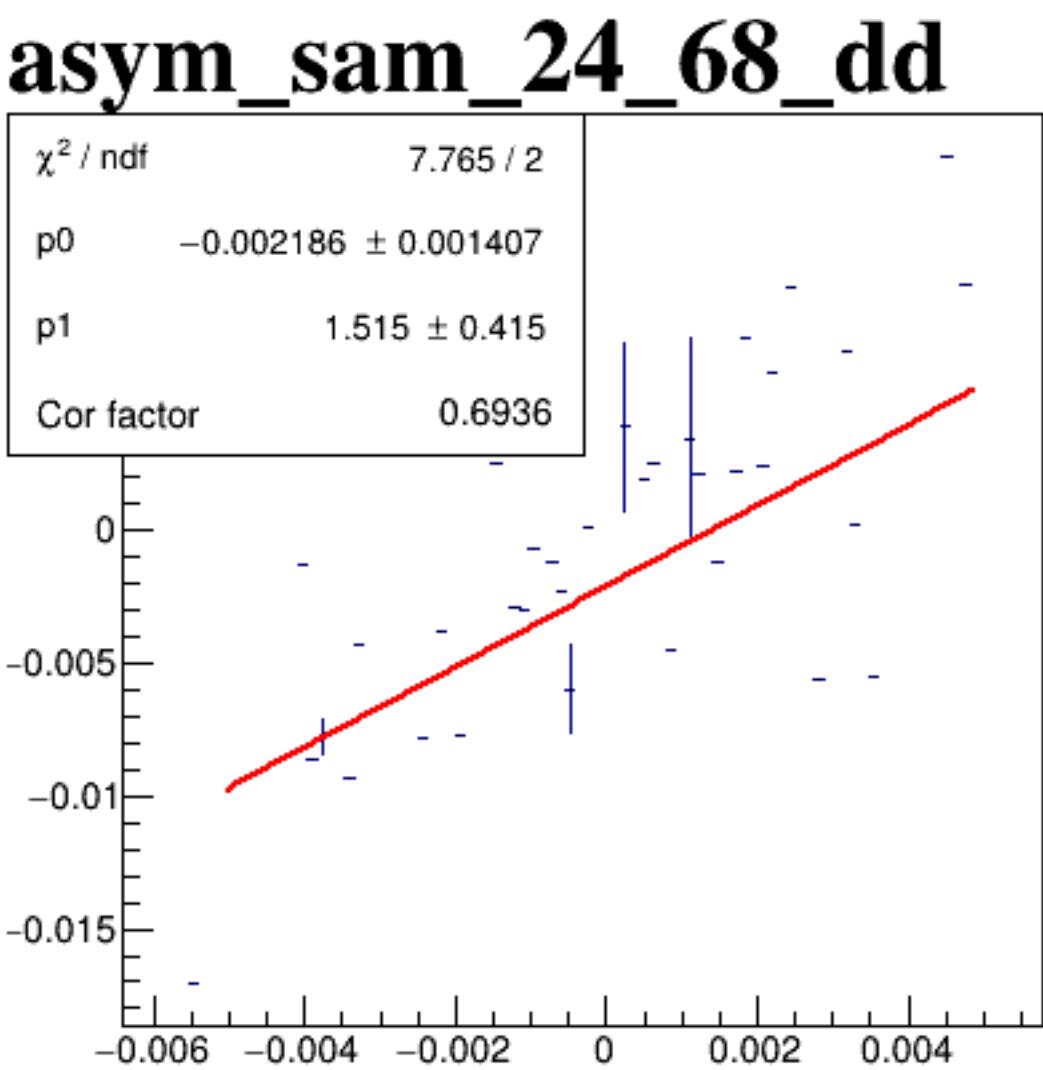
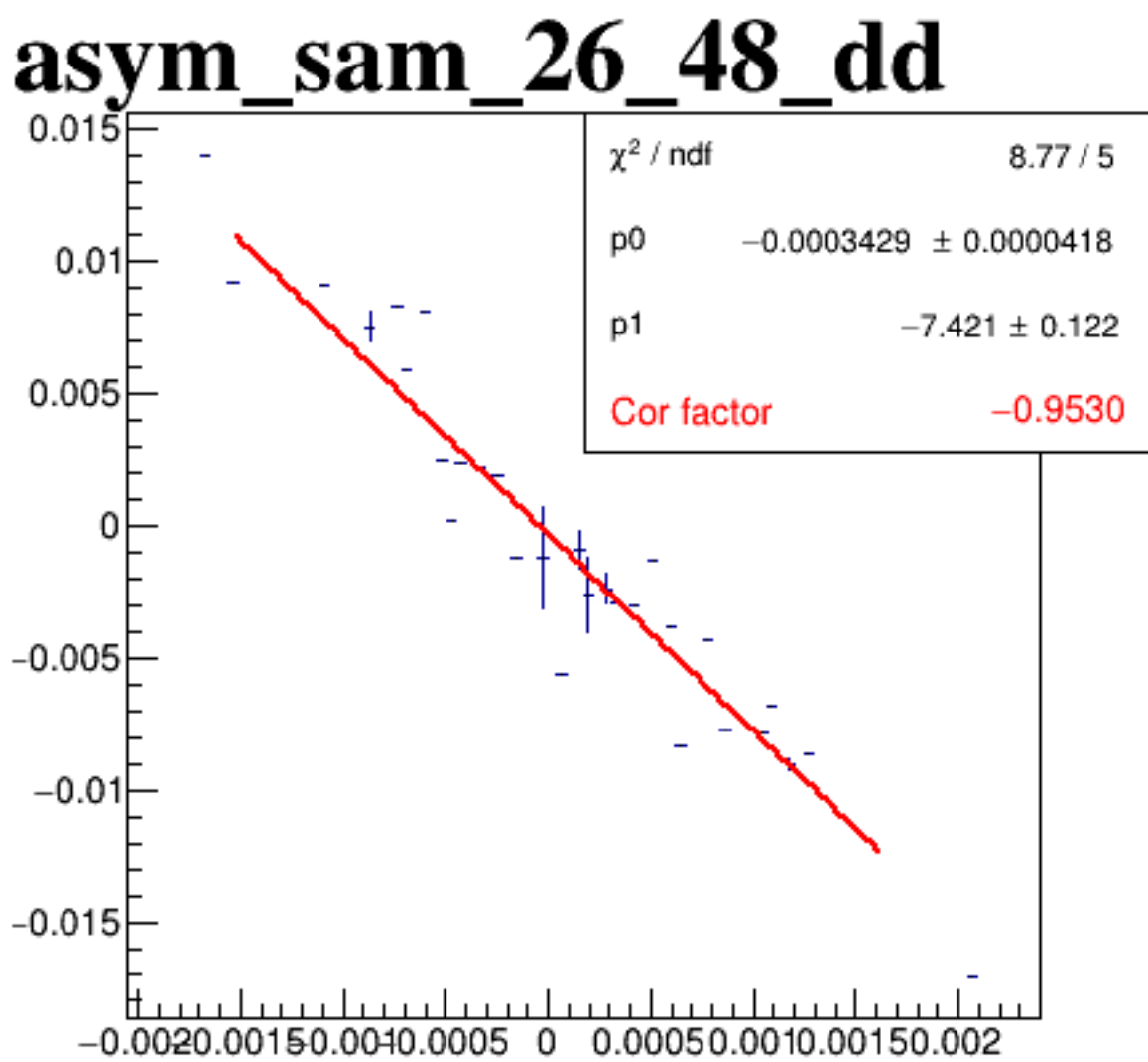
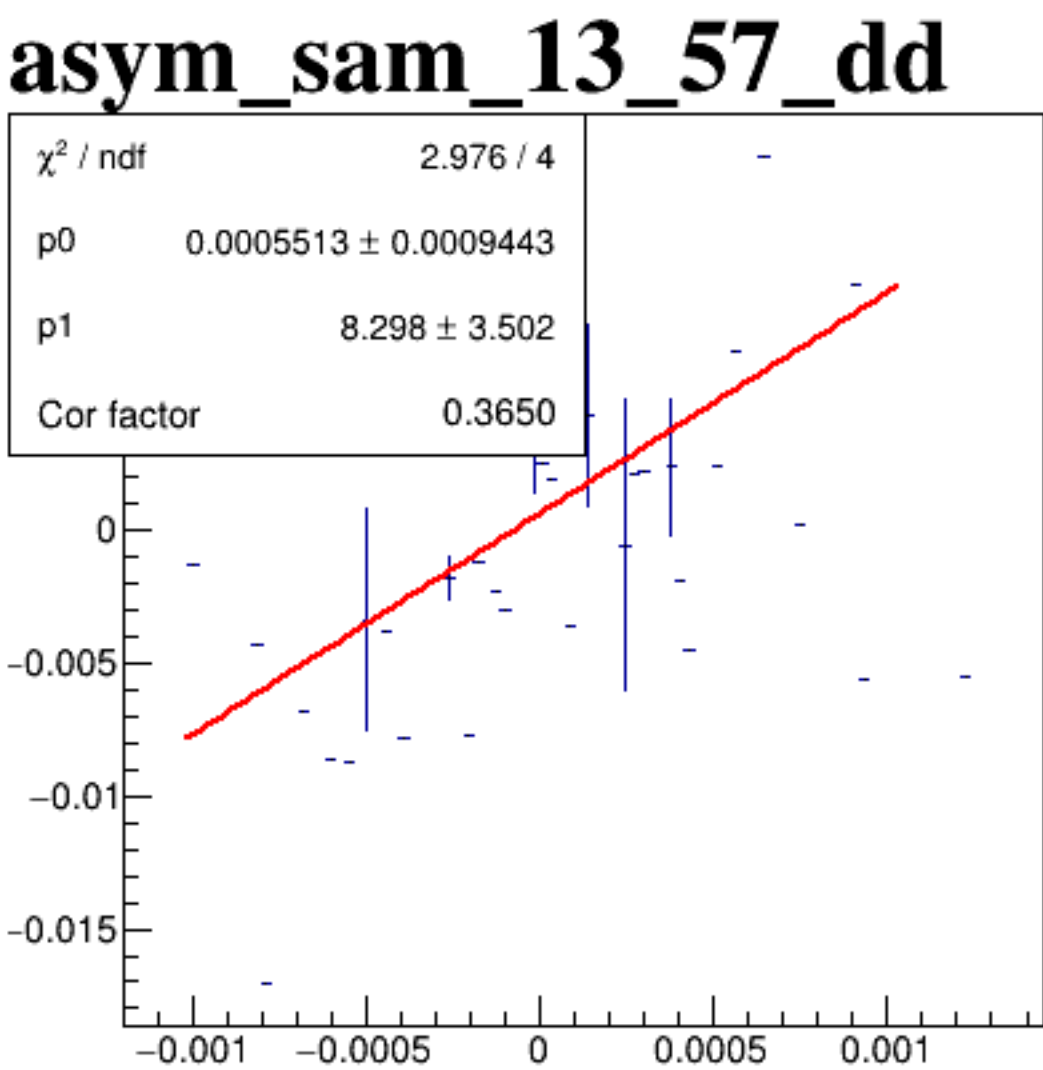
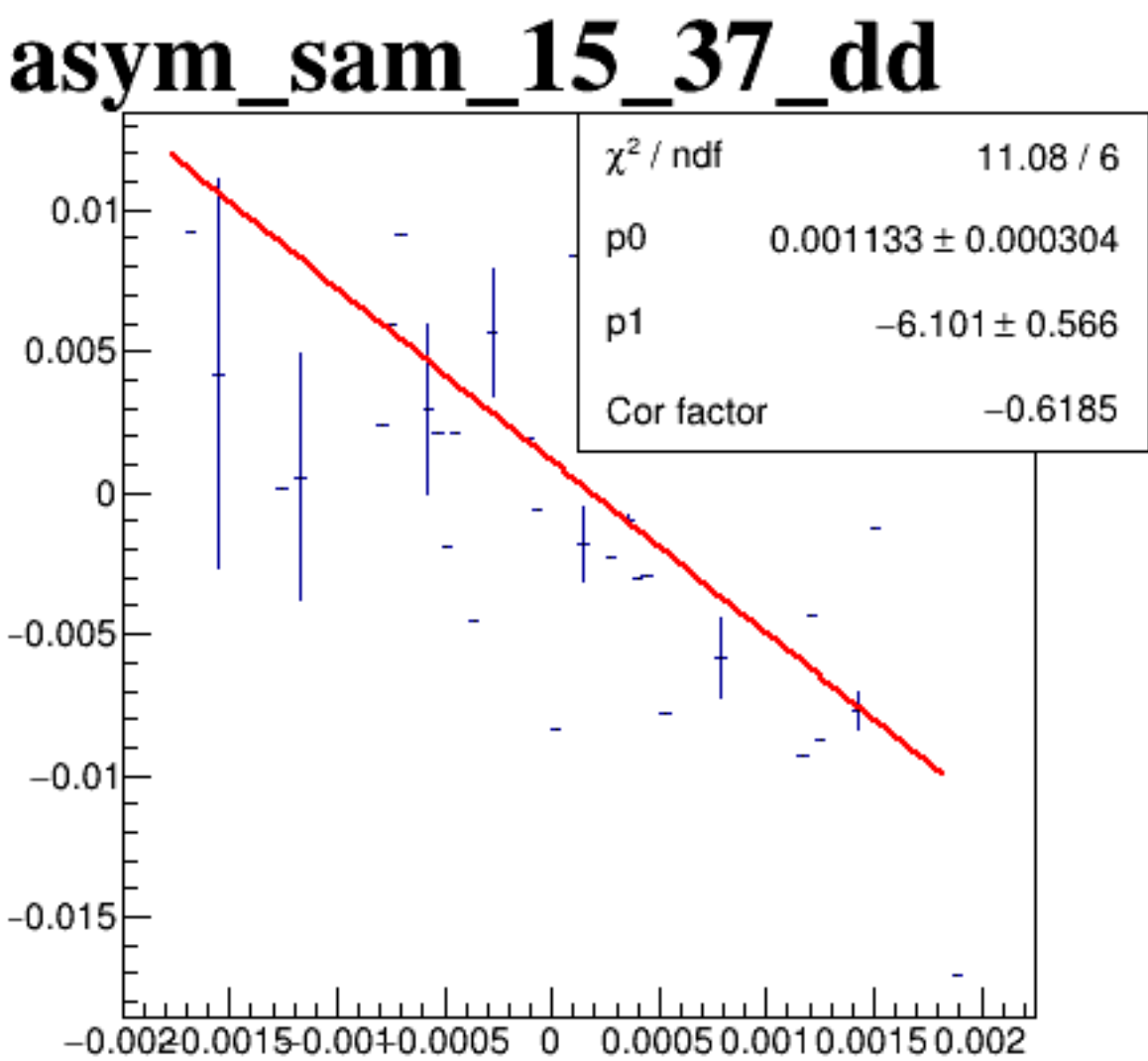
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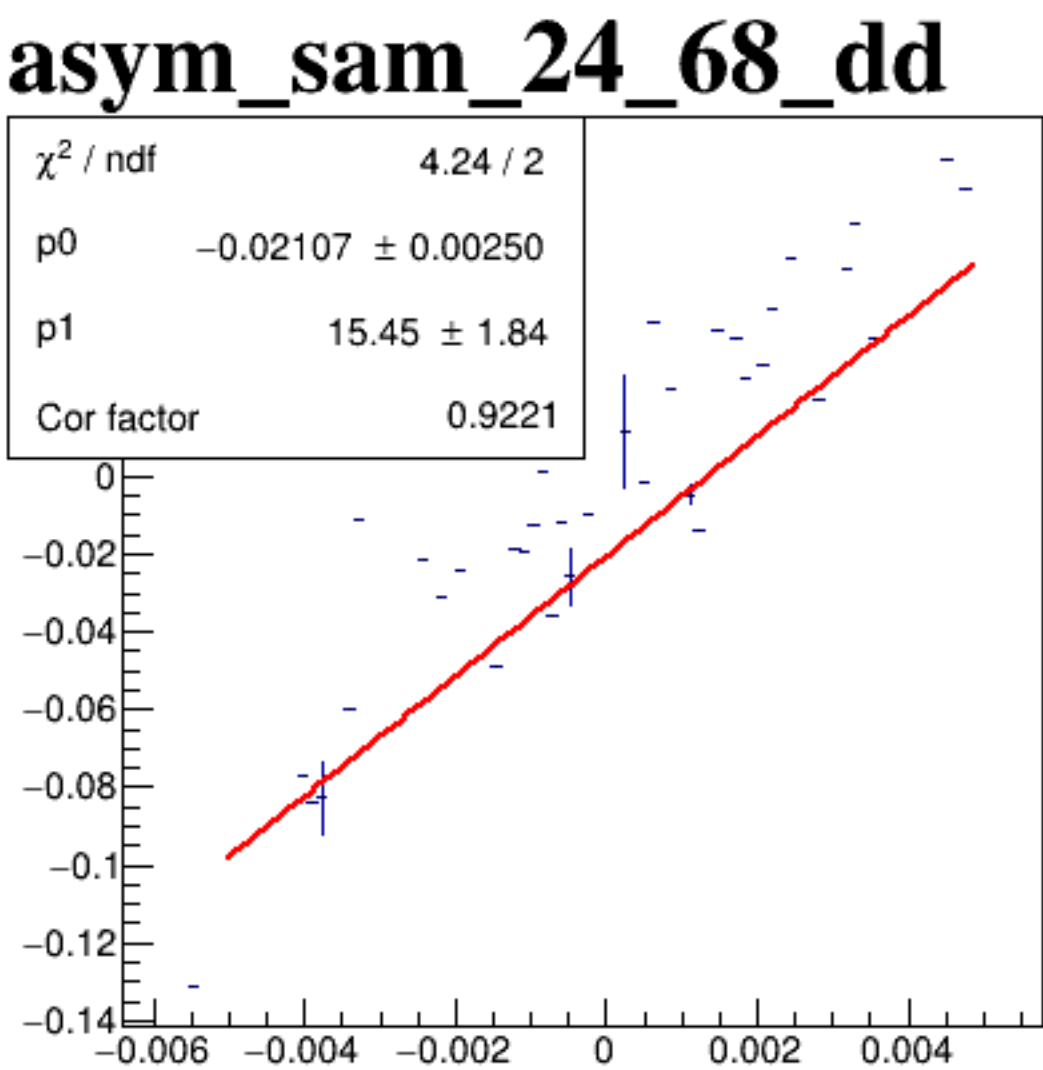
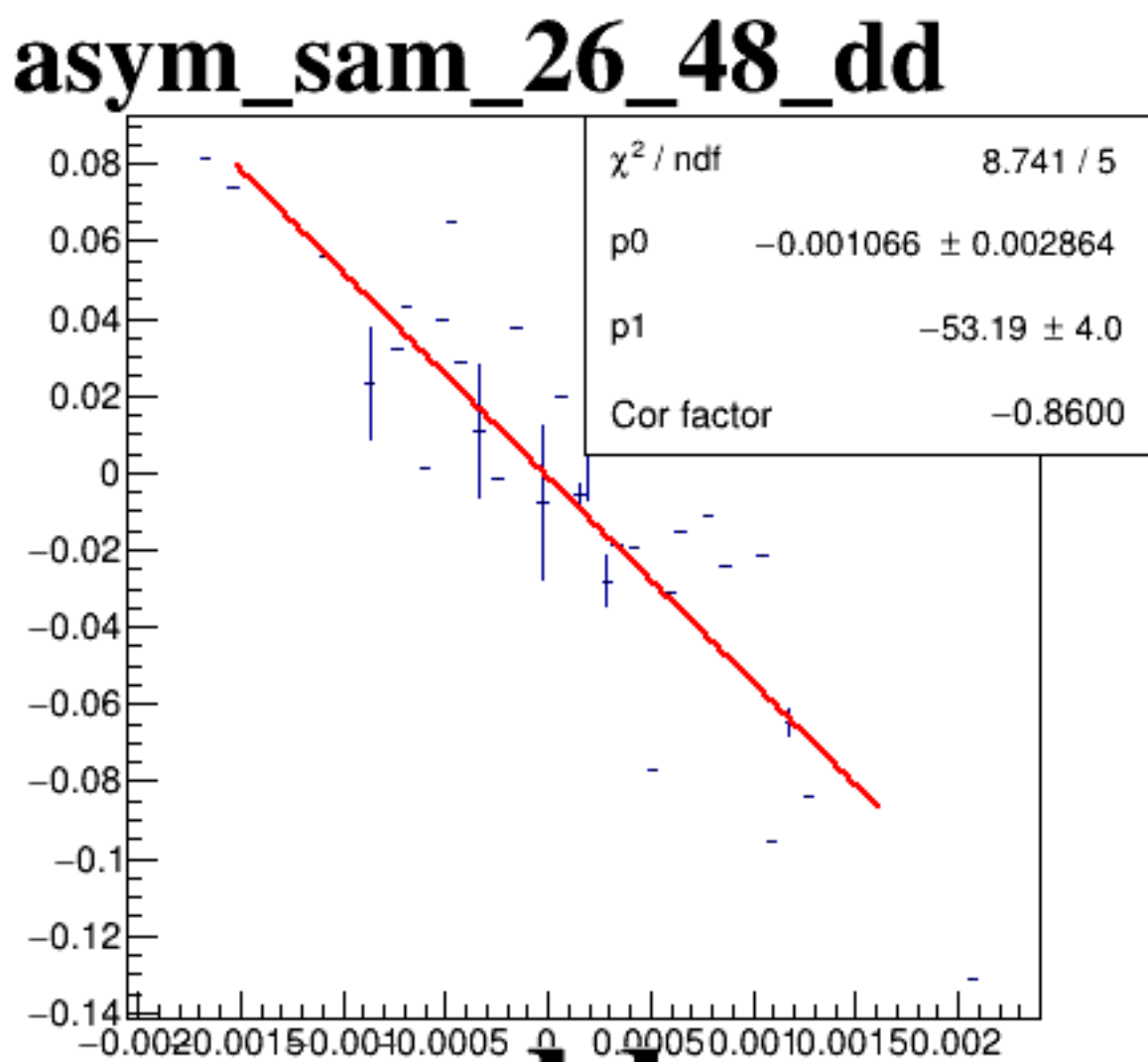
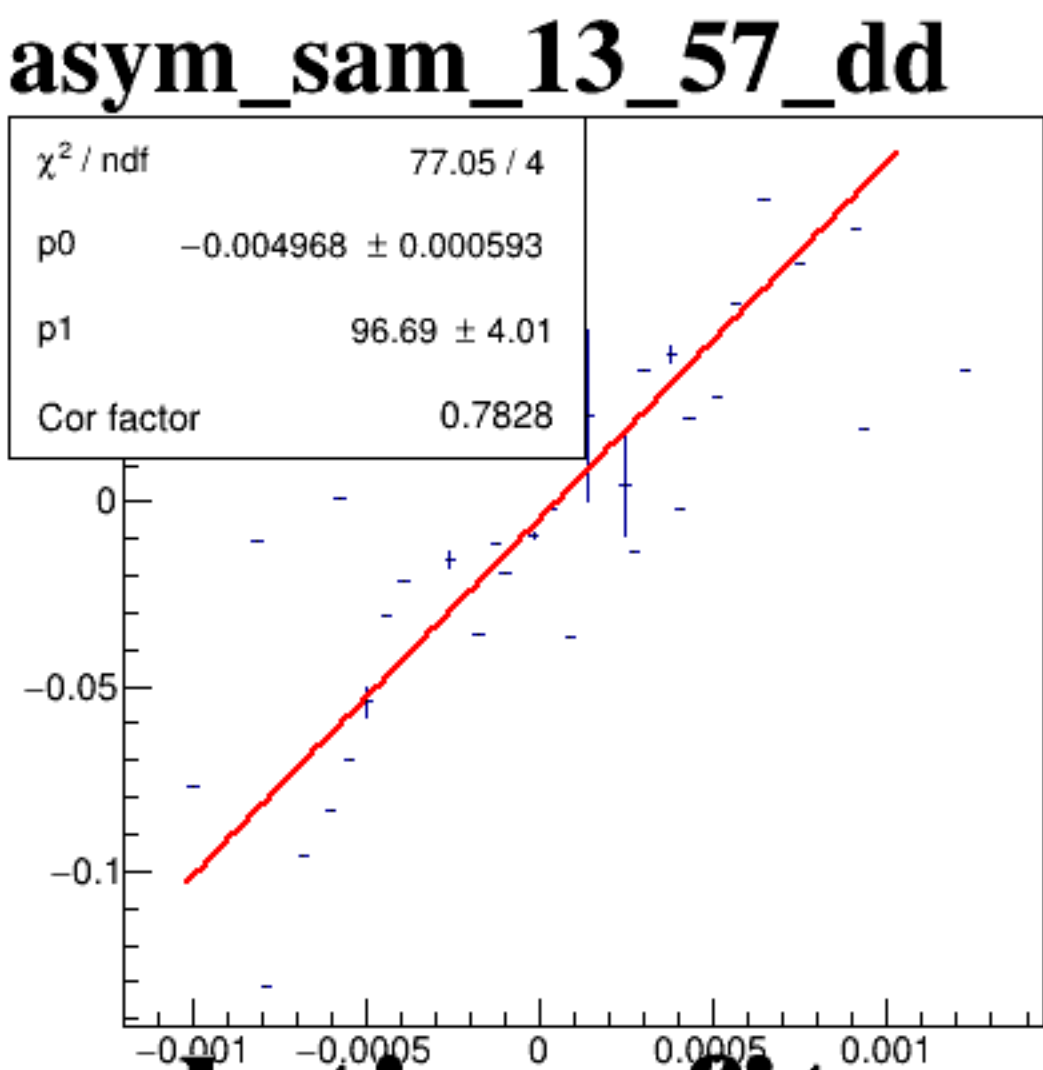
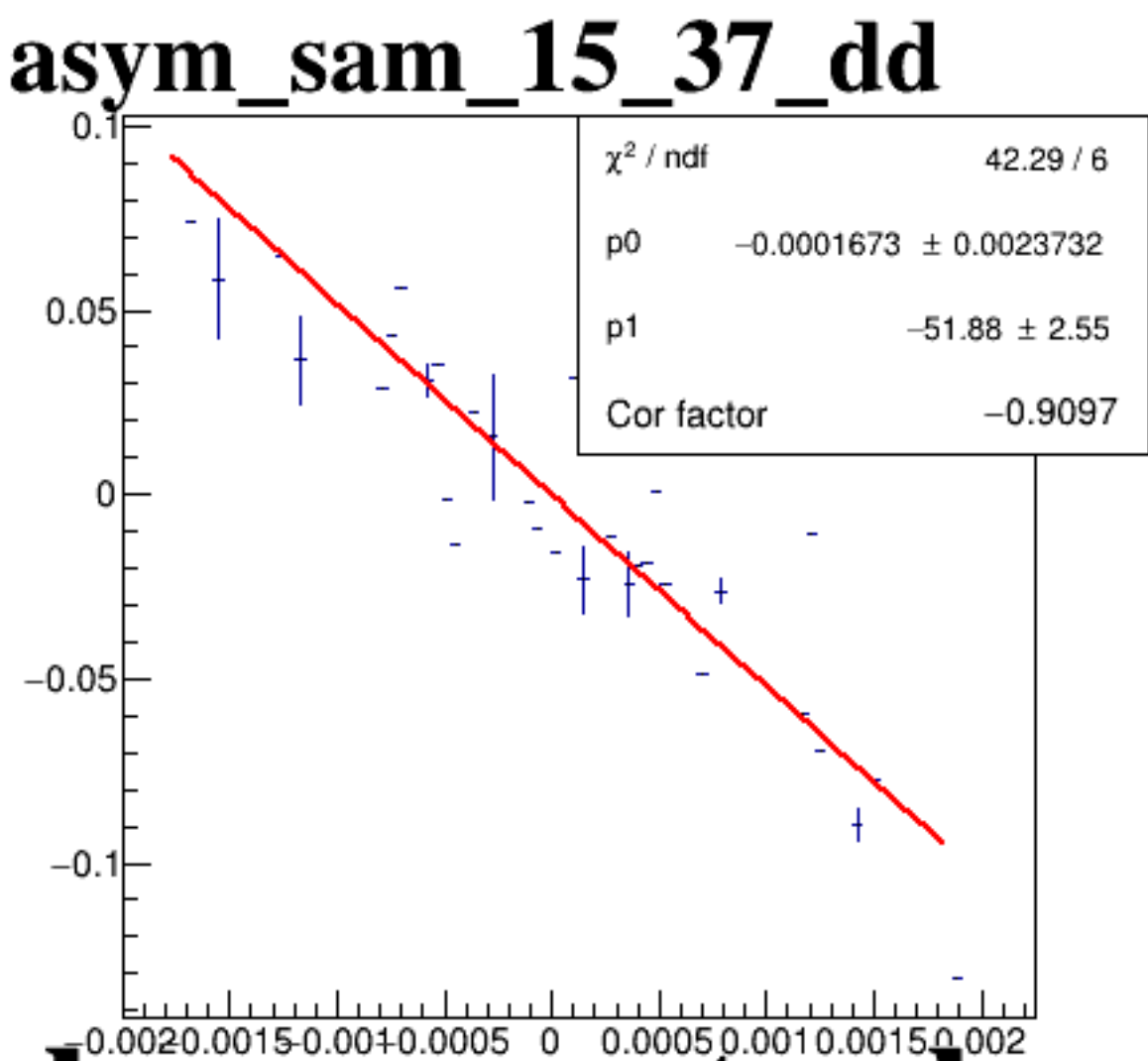
diff_bpm4eX



diff_bpm4eY



diff_bpm12X

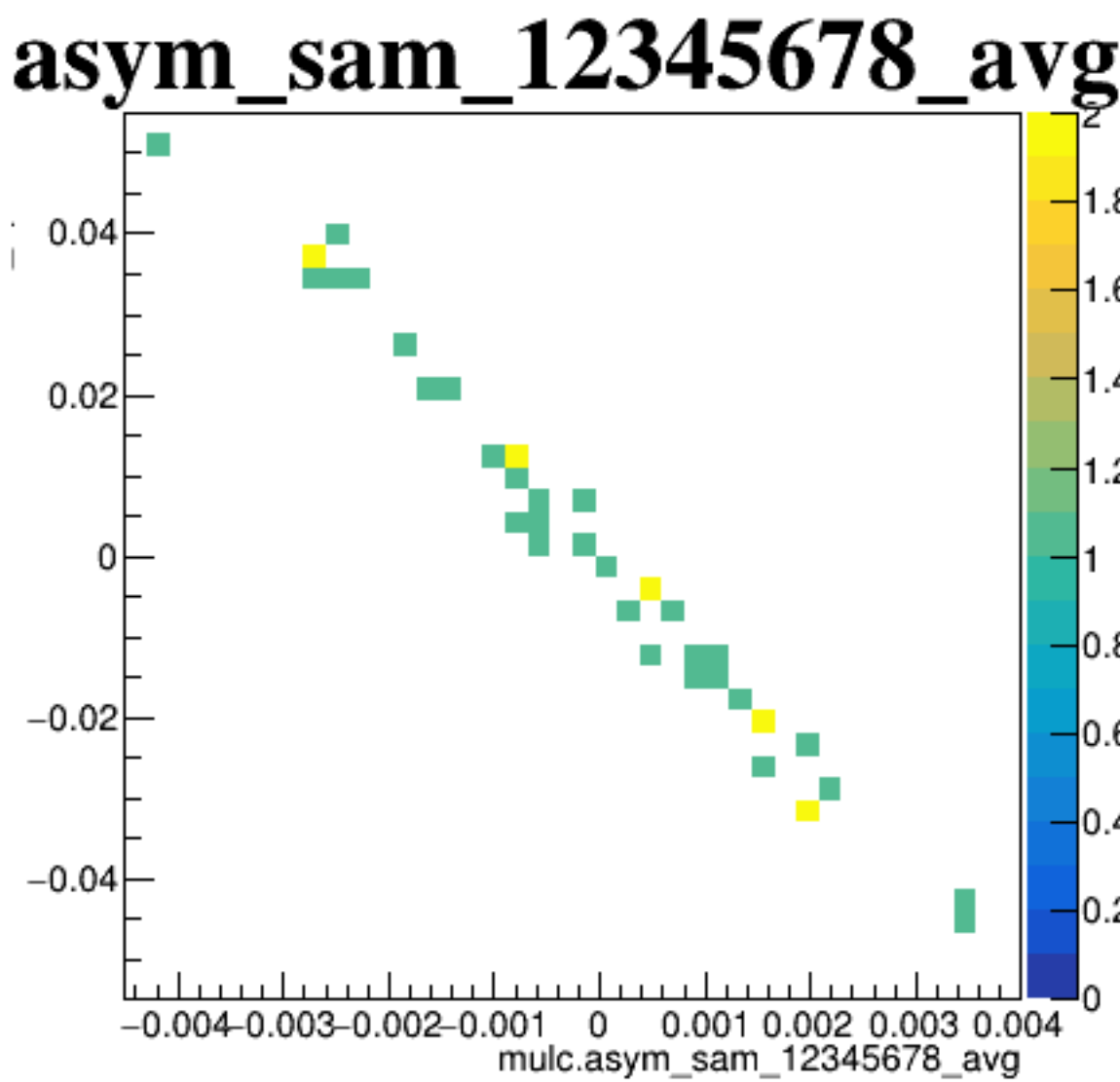
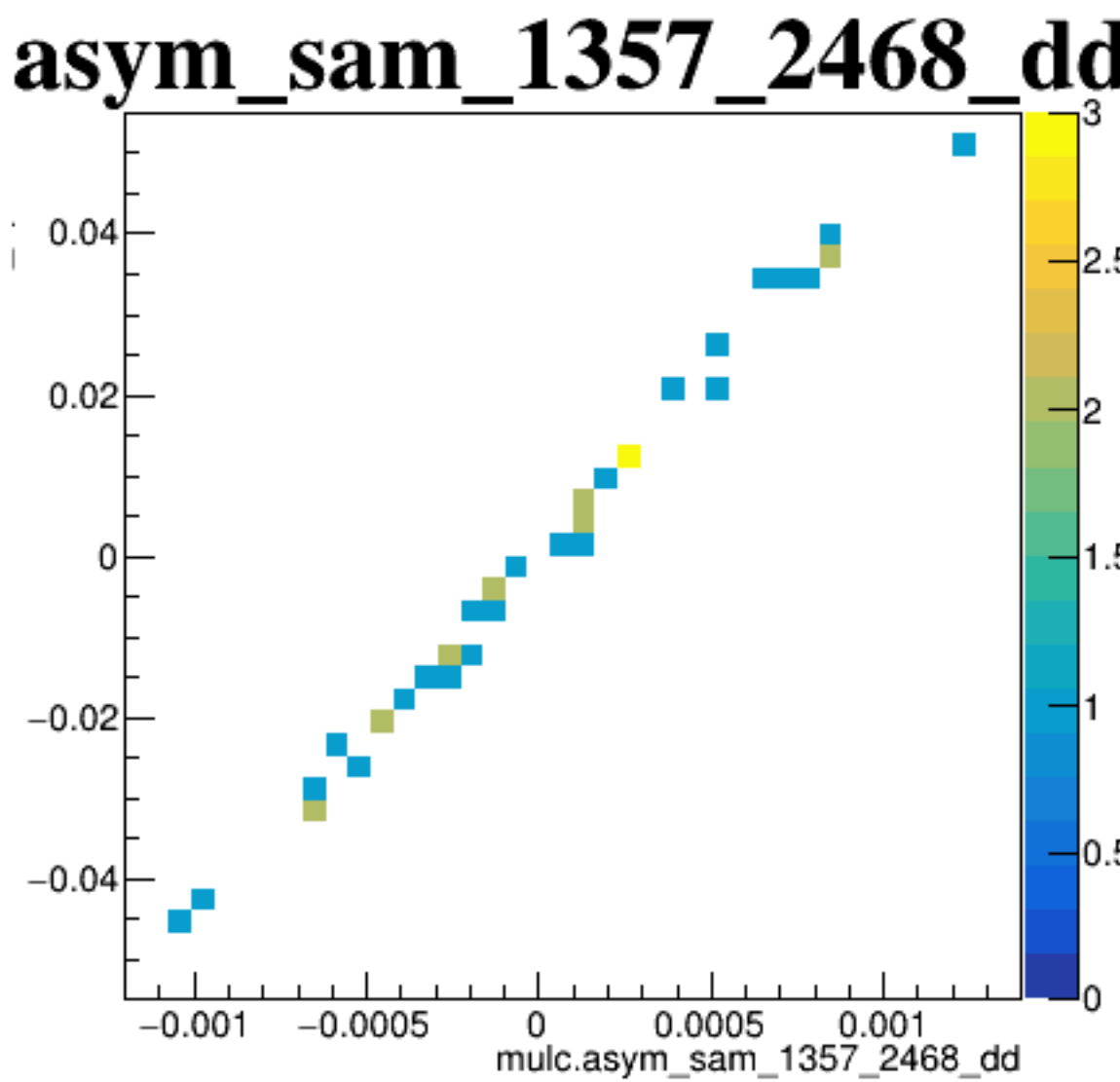
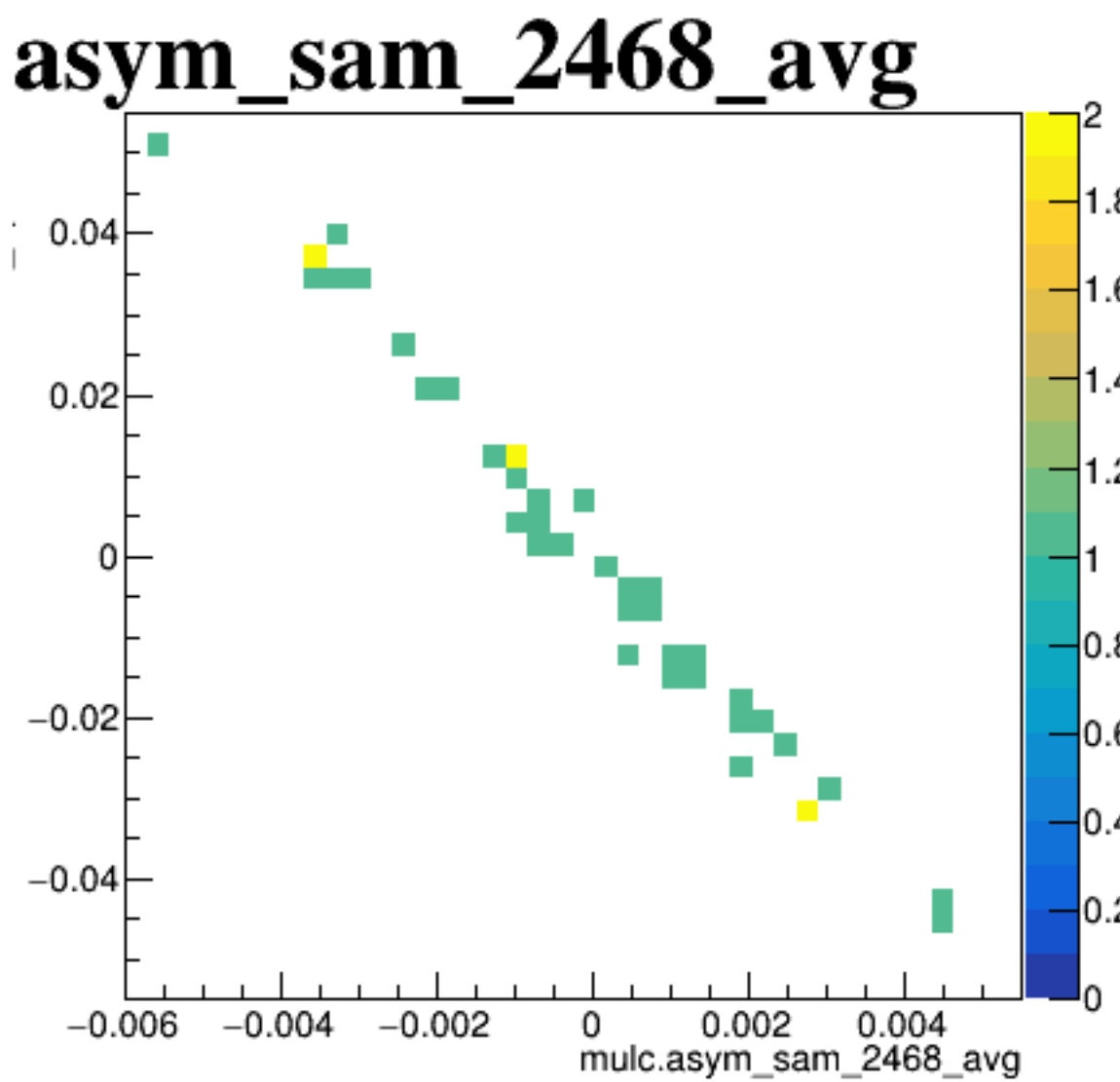
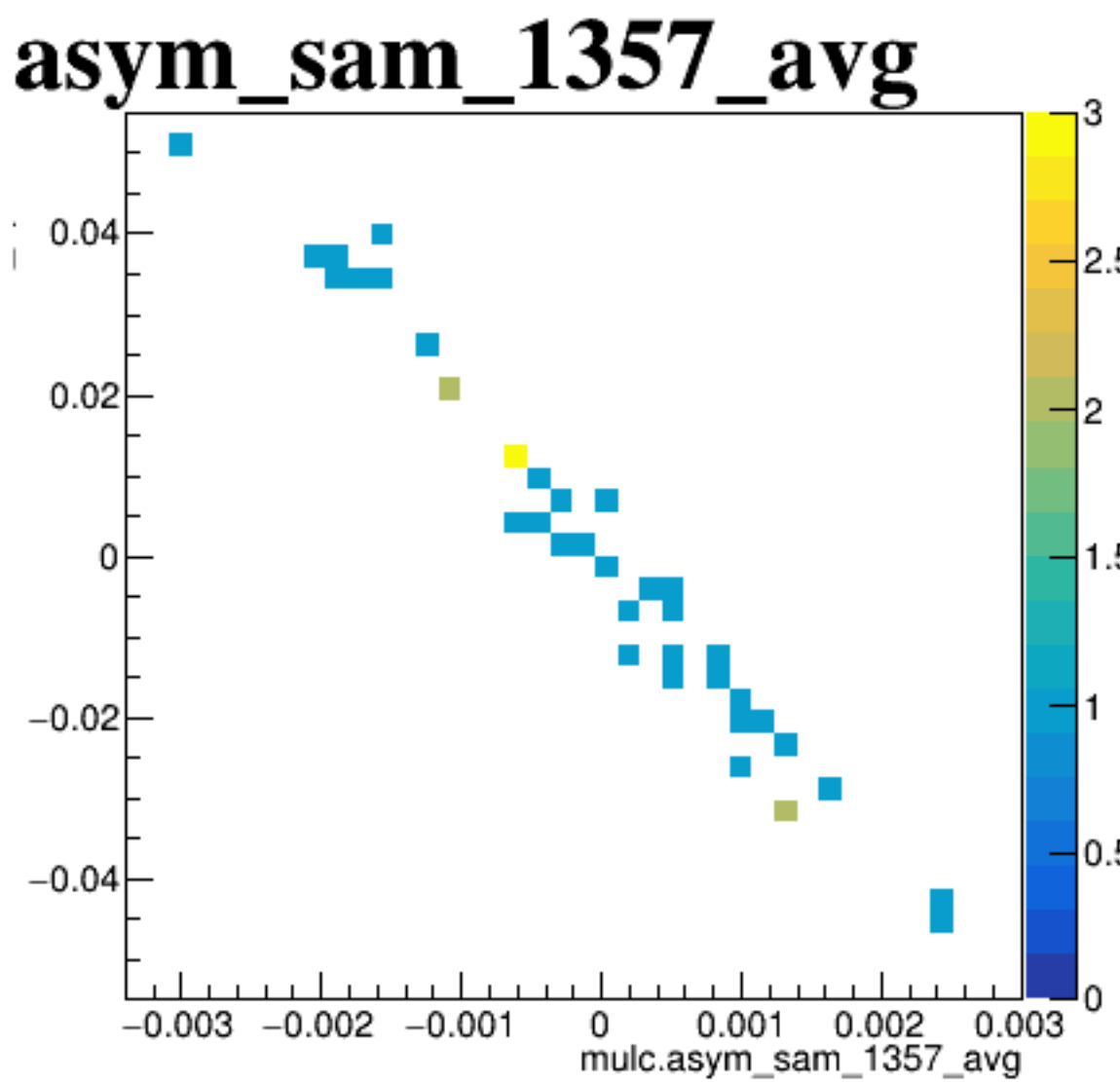


asym_sam_15_37_dd

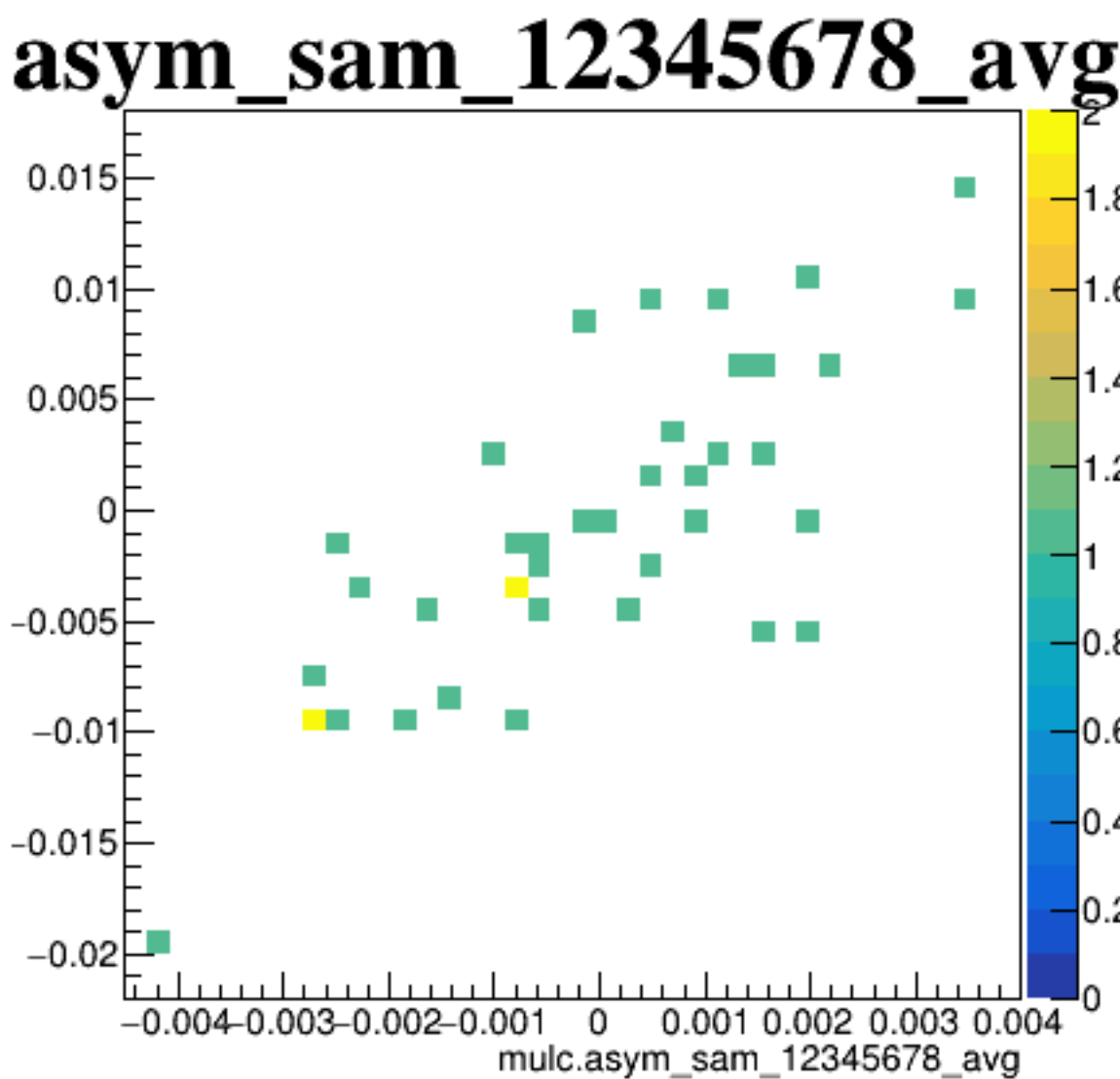
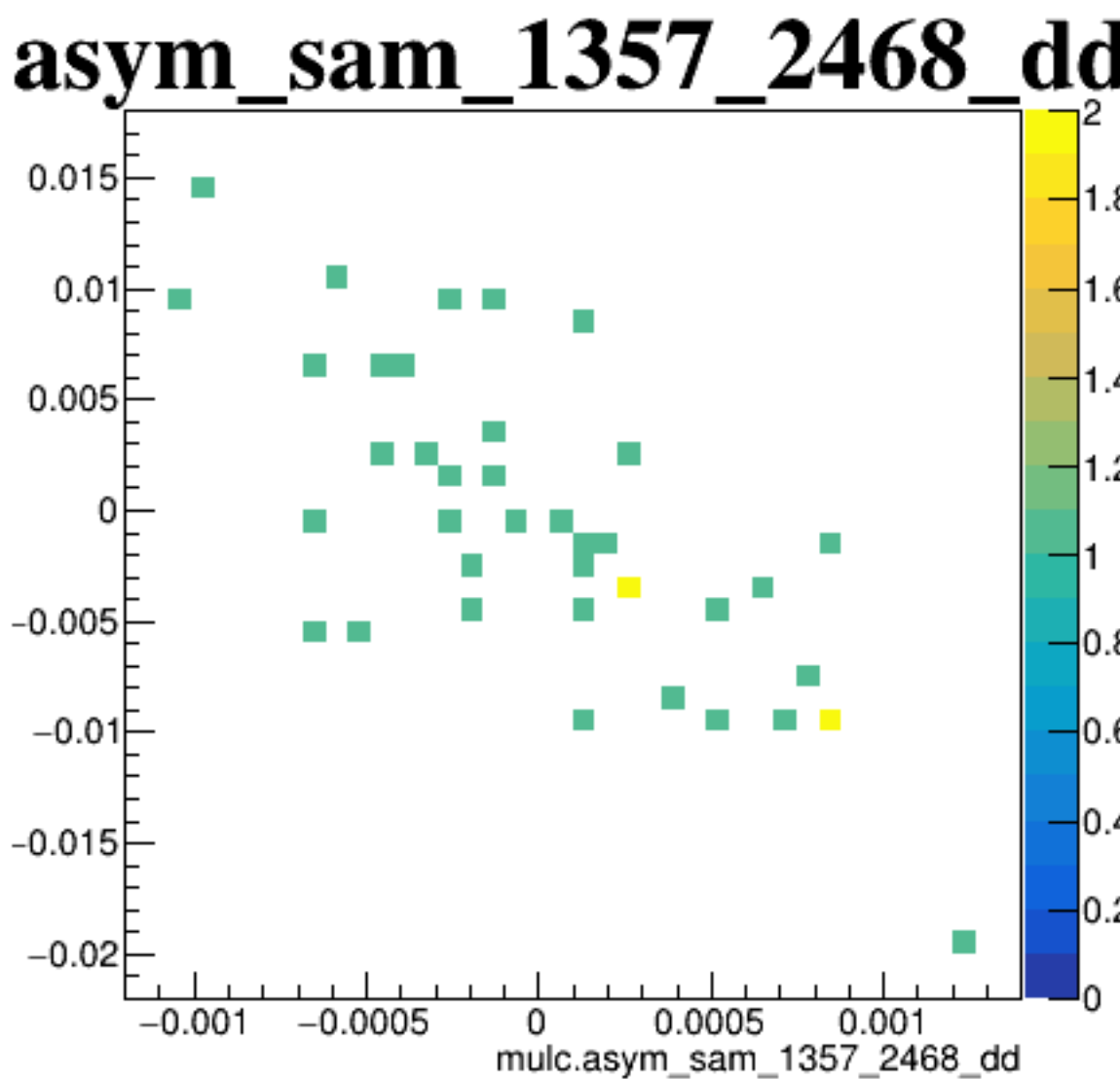
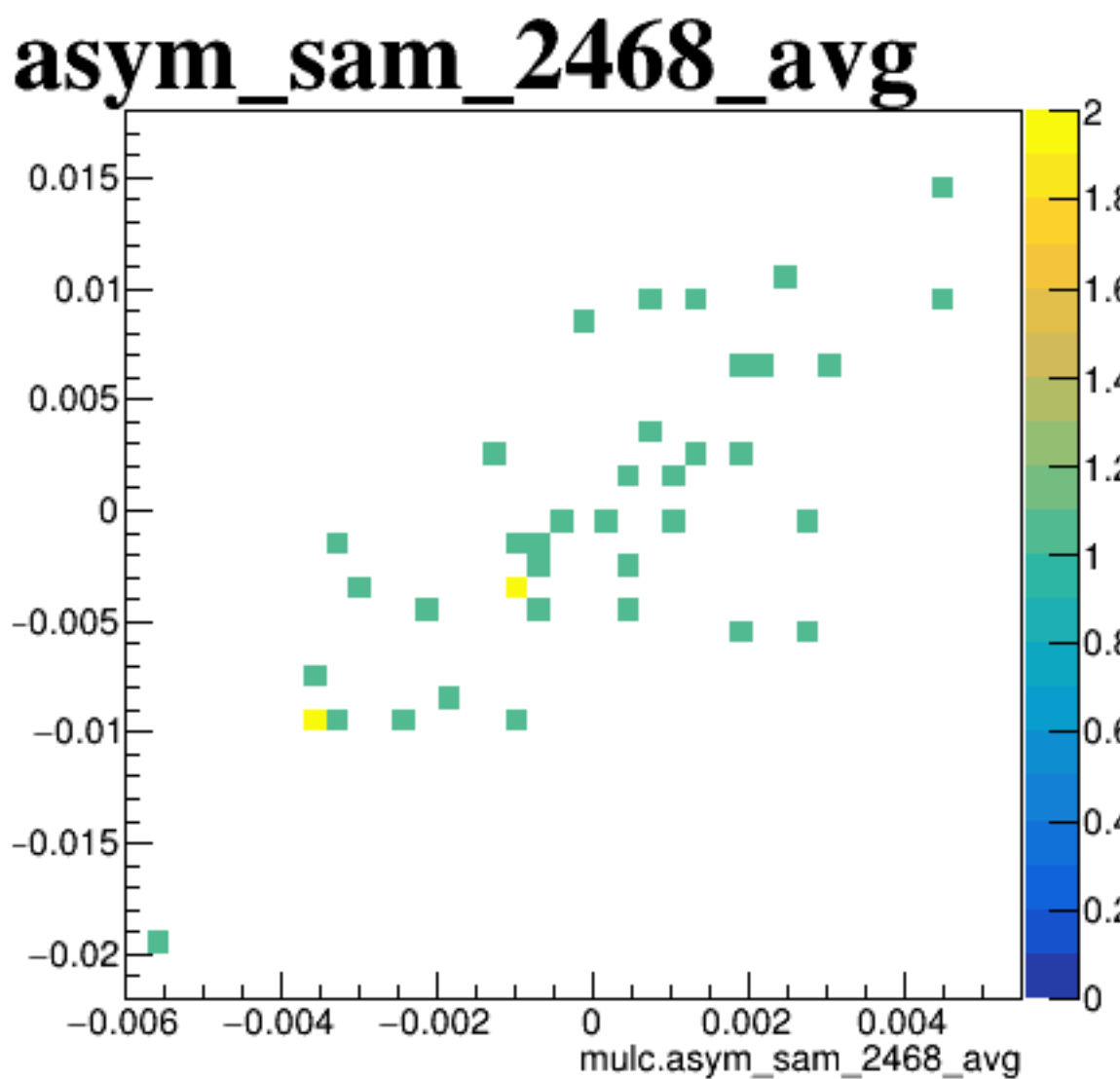
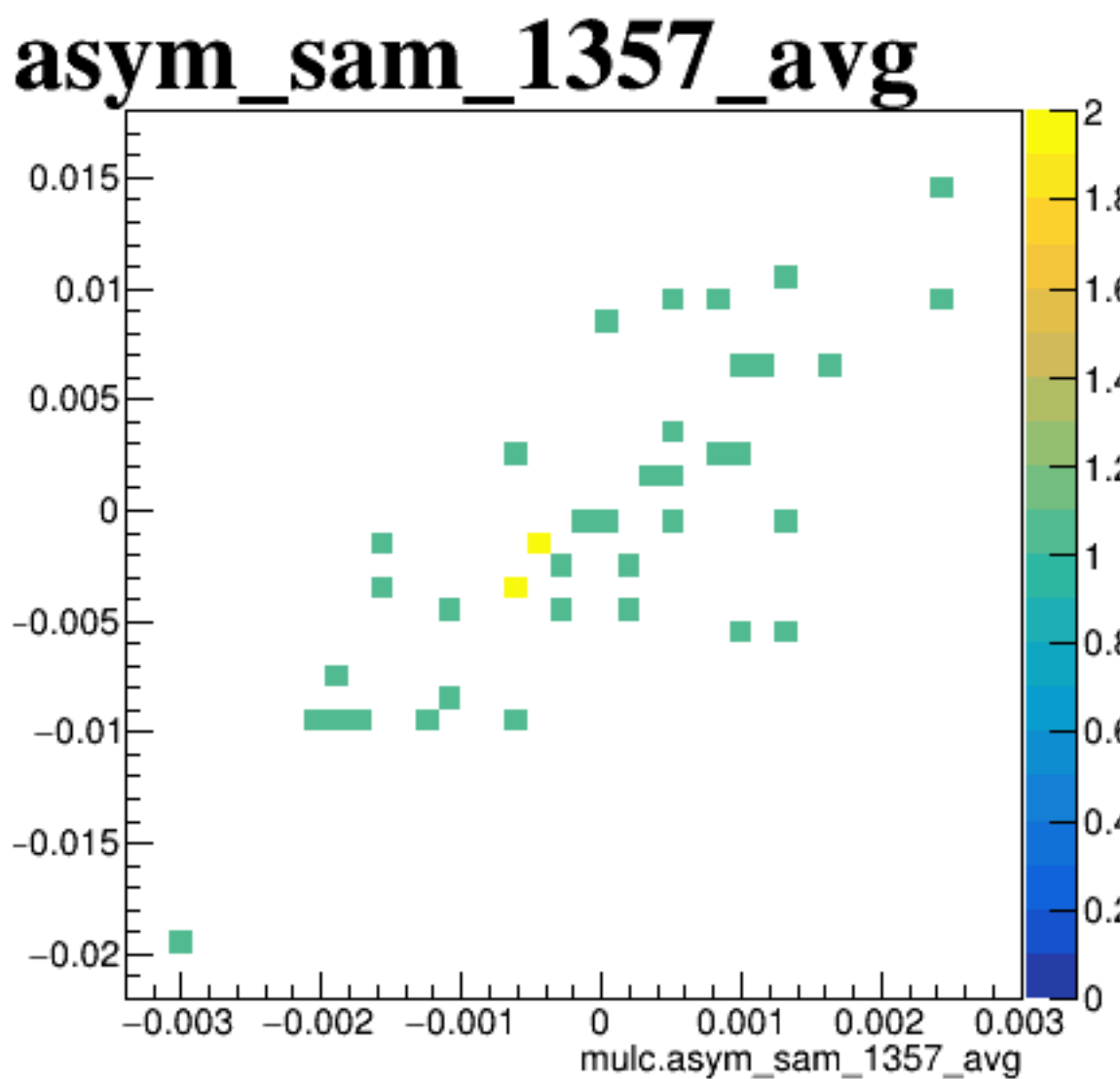
mulc.asym_sam_15_37_dd

A scatter plot showing the relationship between `mulc.asym_sam_13_57_dd` (x-axis) and `asym_sam_13_57_dd` (y-axis). The x-axis ranges from -0.001 to 0.001, and the y-axis ranges from -0.02 to 0.015. The data points are widely scattered around the origin, indicating a weak or no linear correlation.

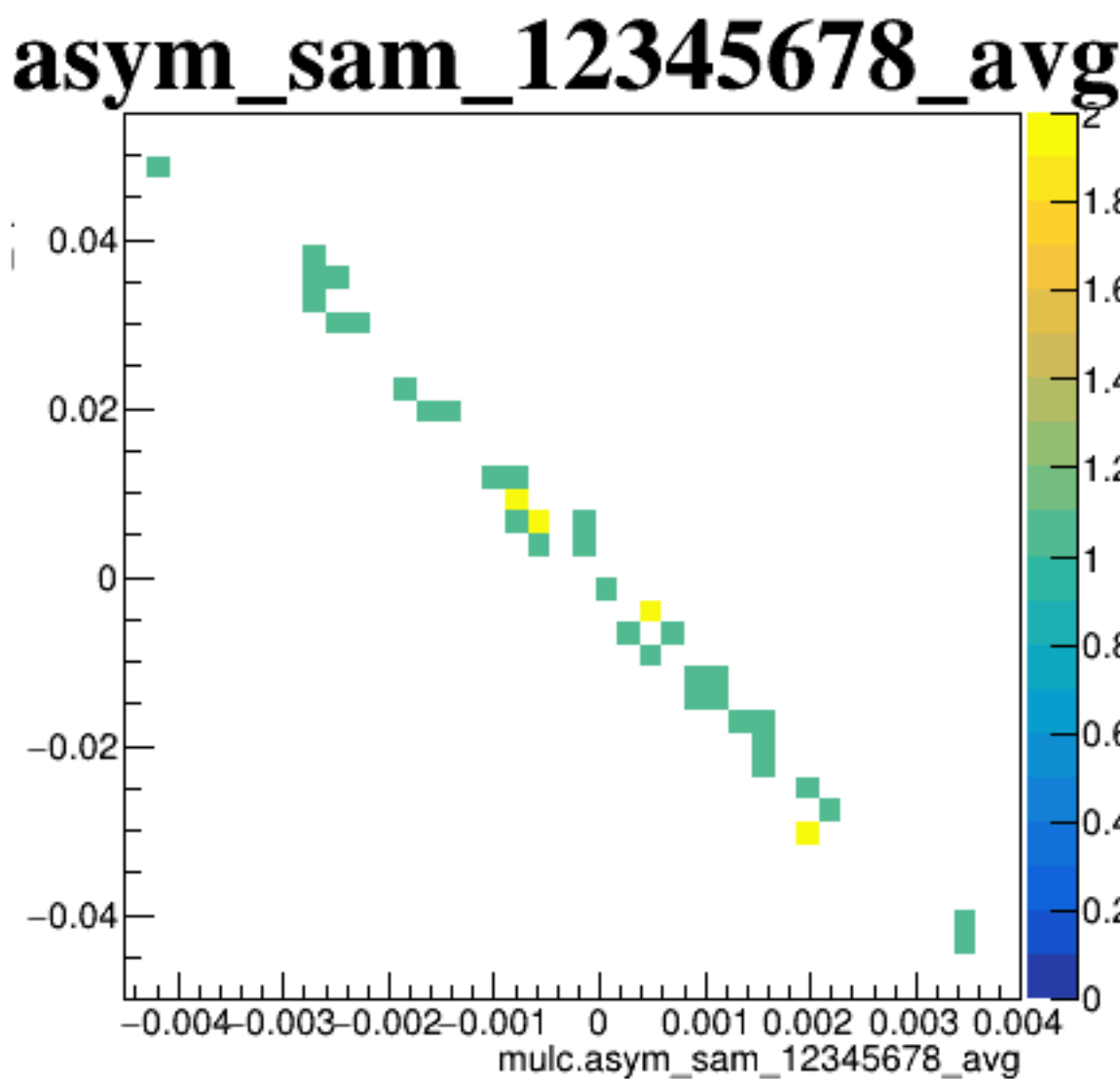
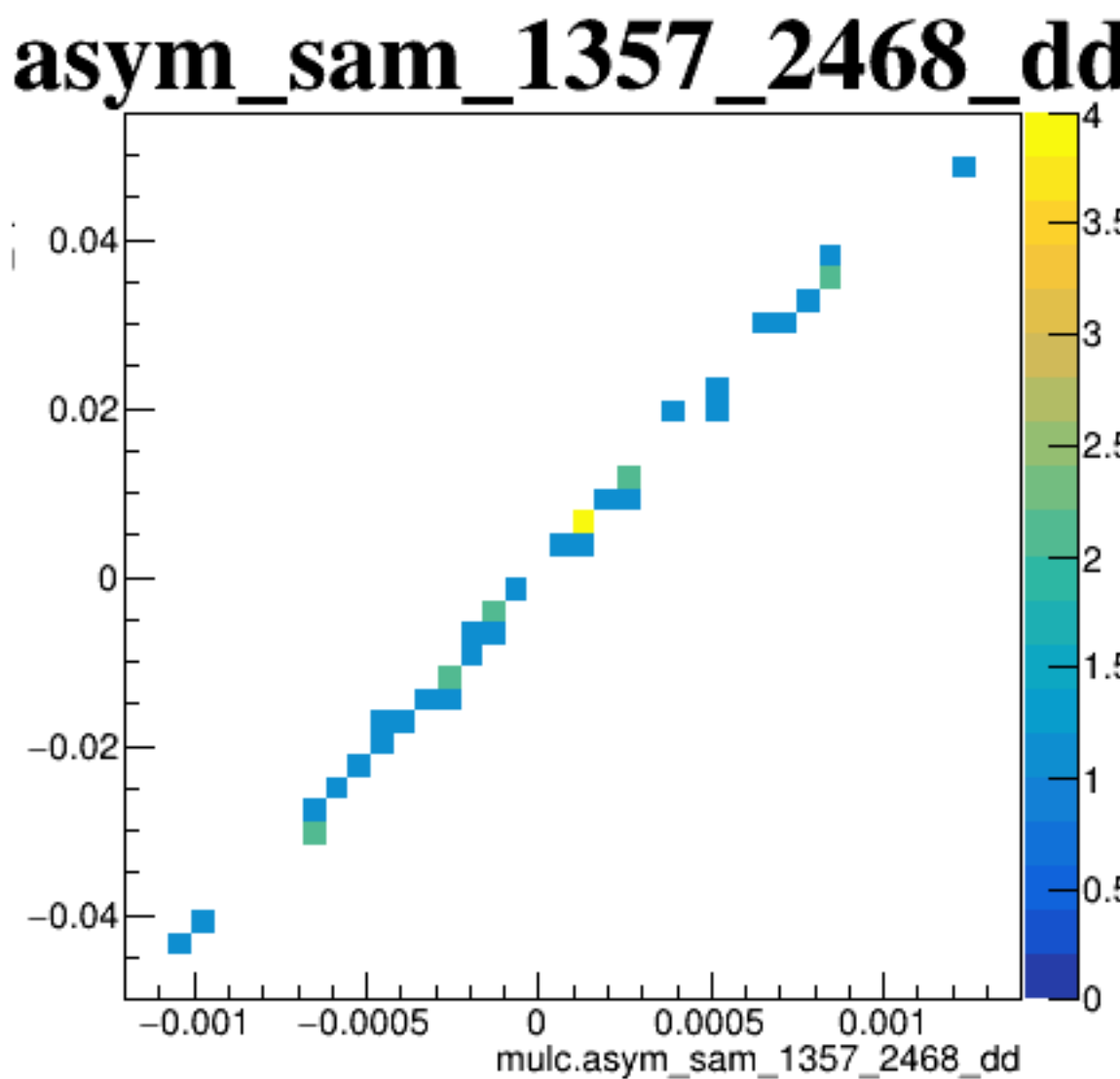
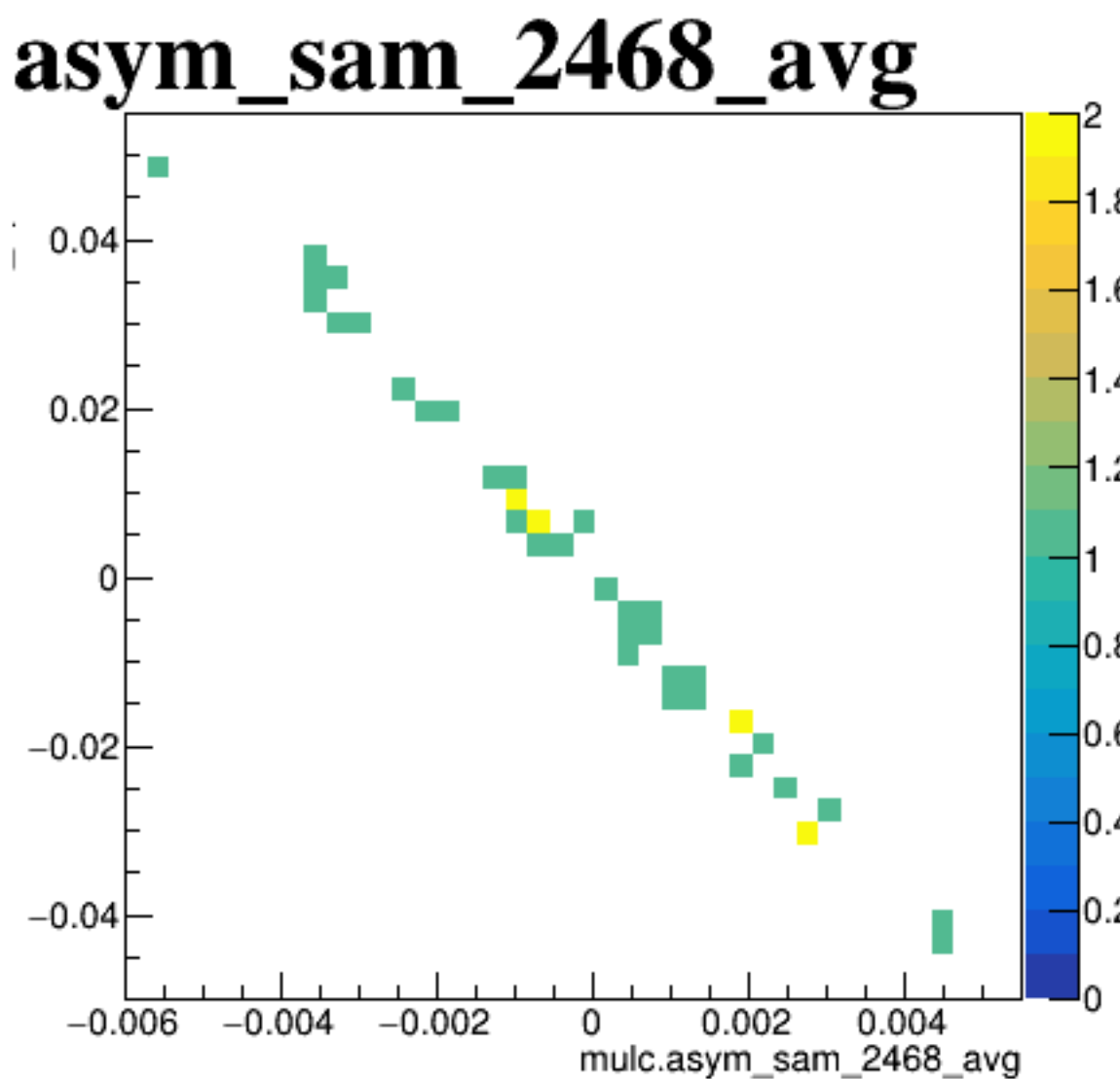
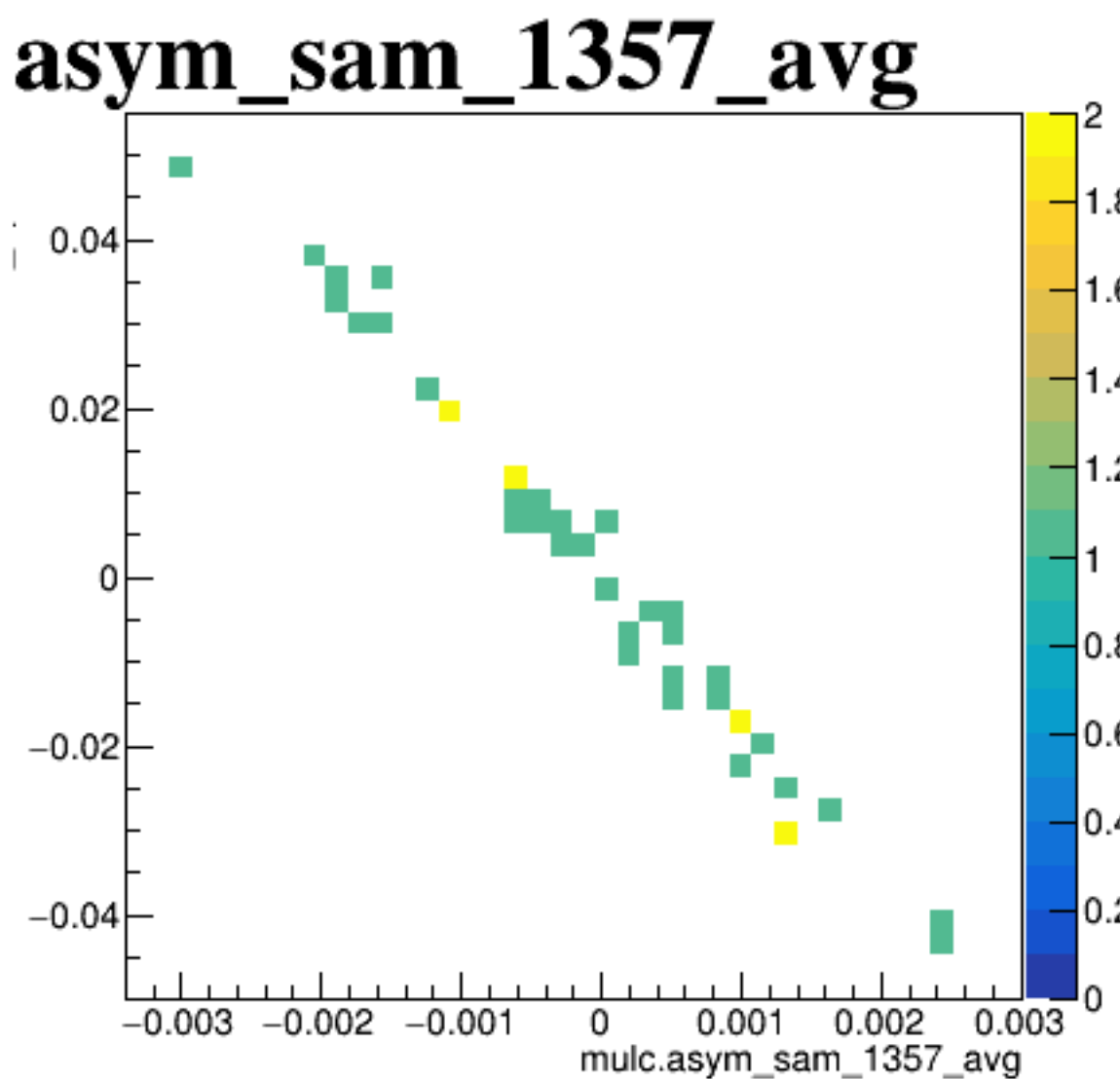
diff_bpm4aX



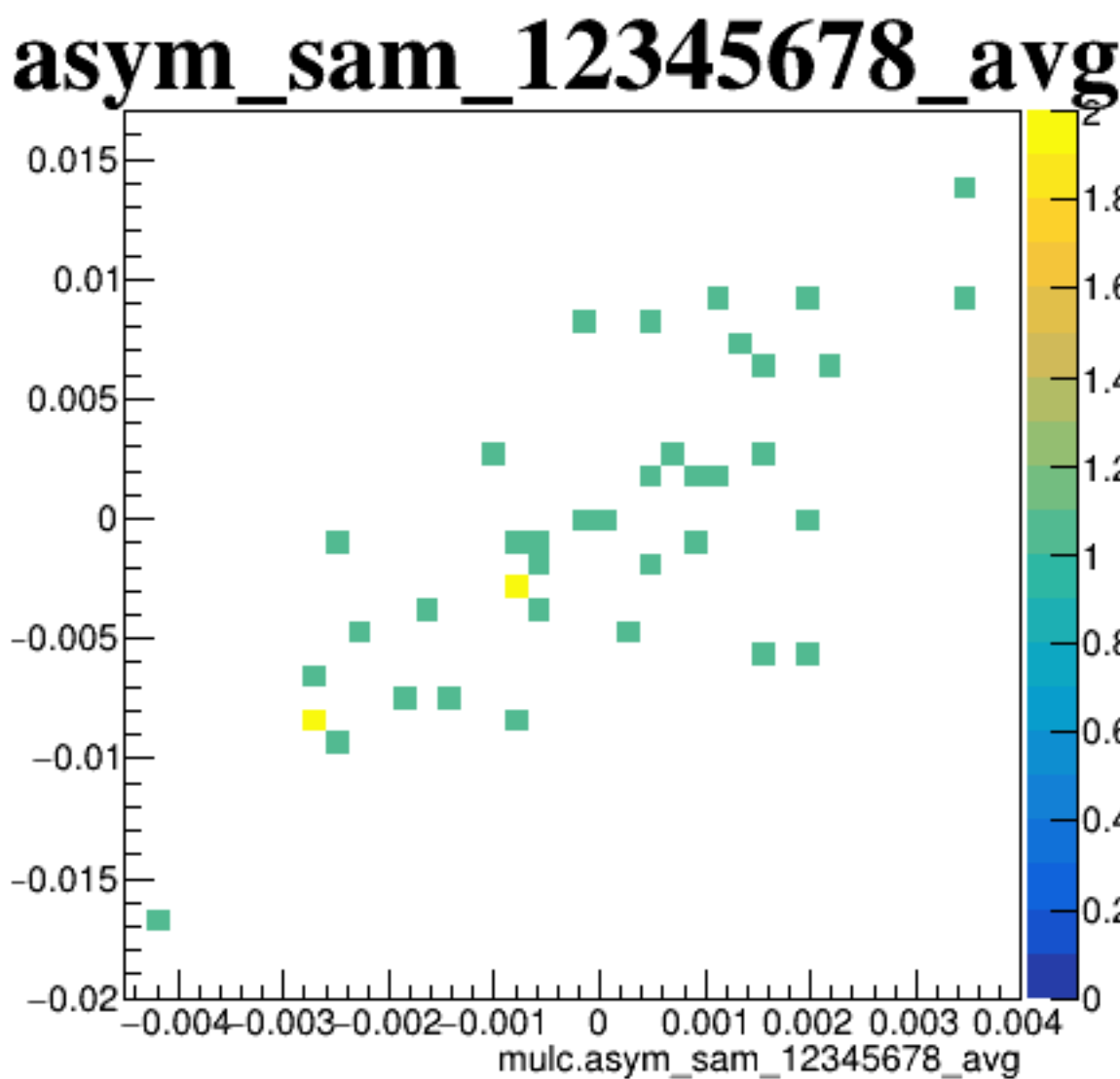
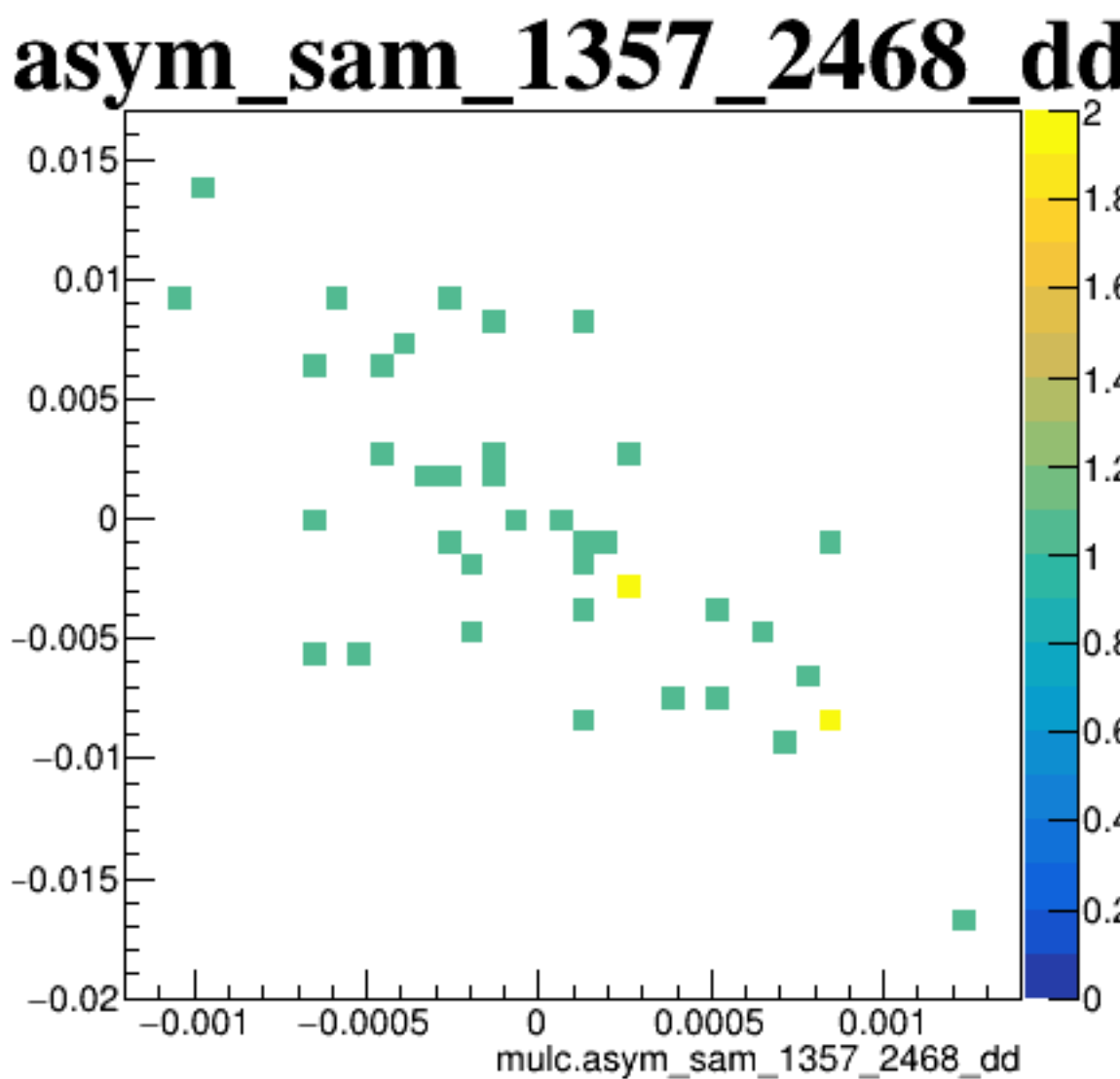
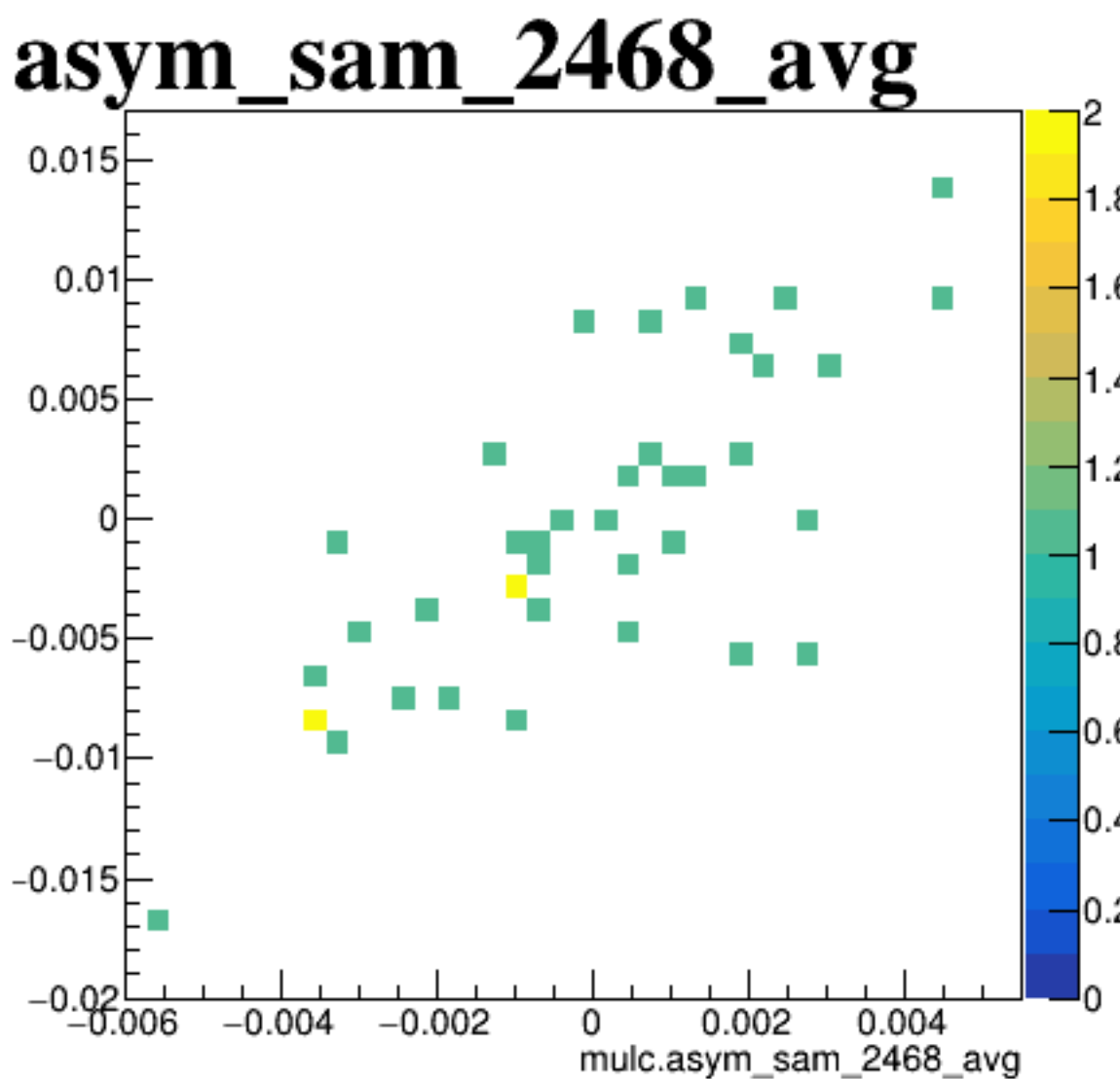
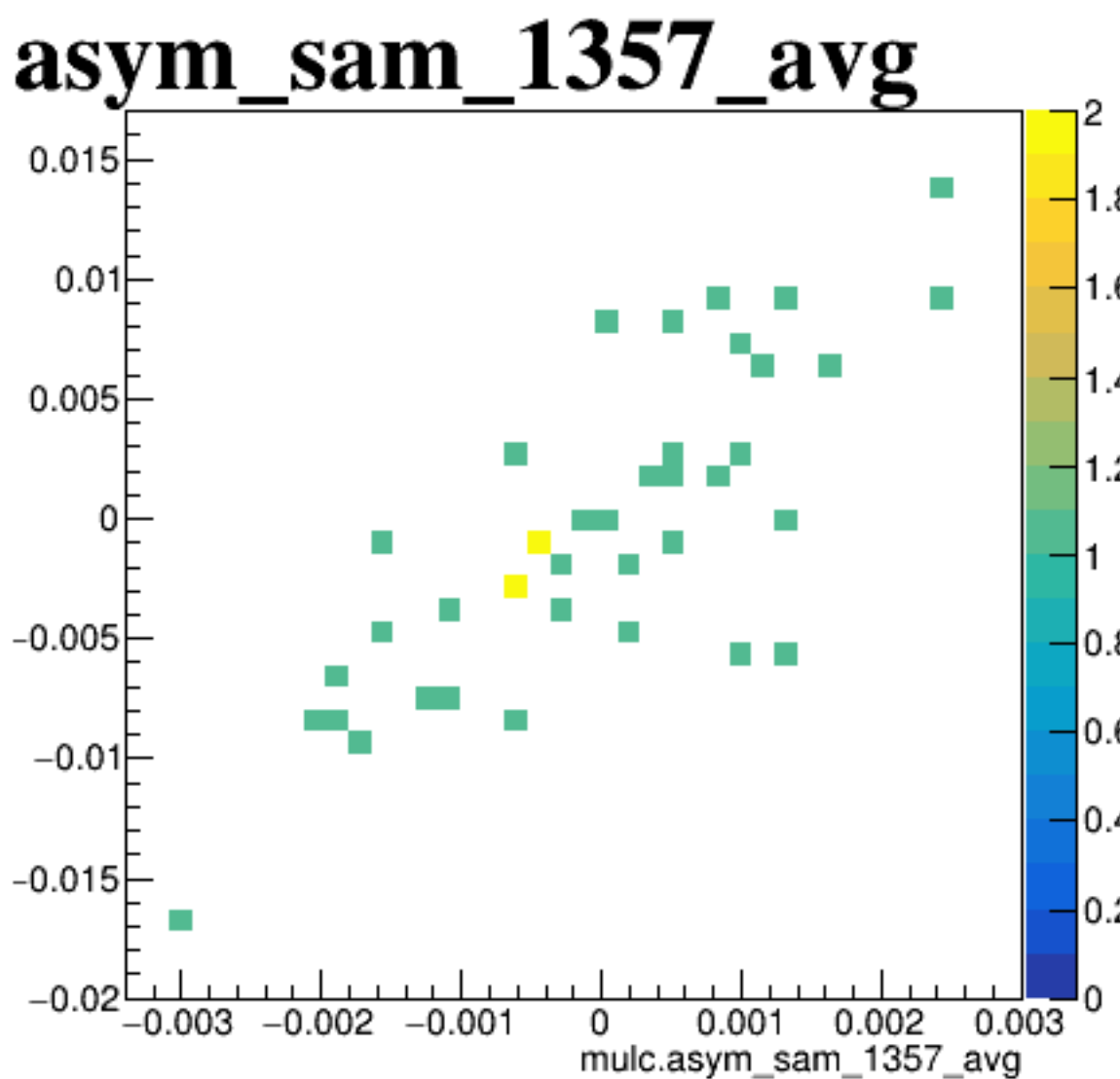
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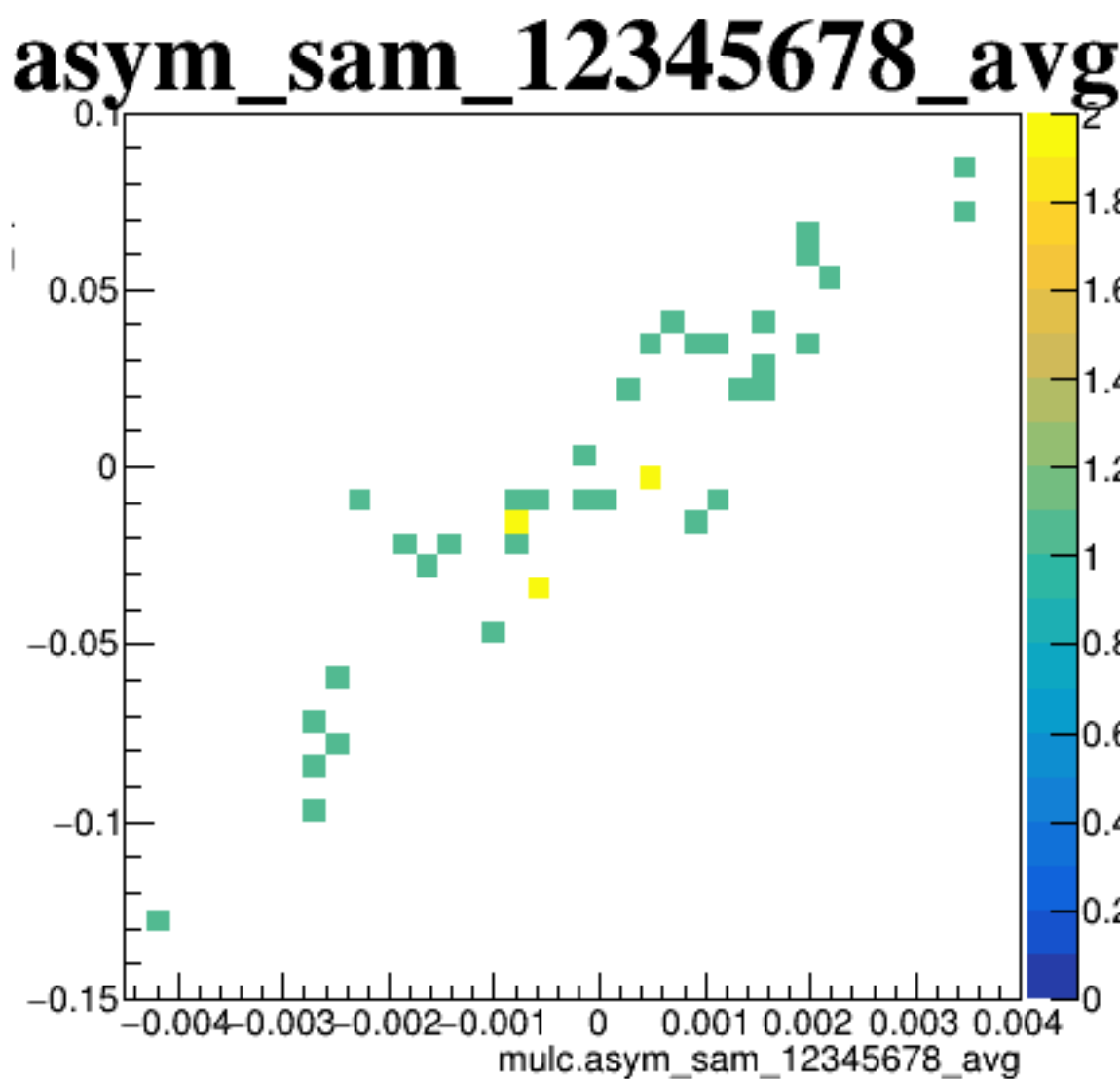
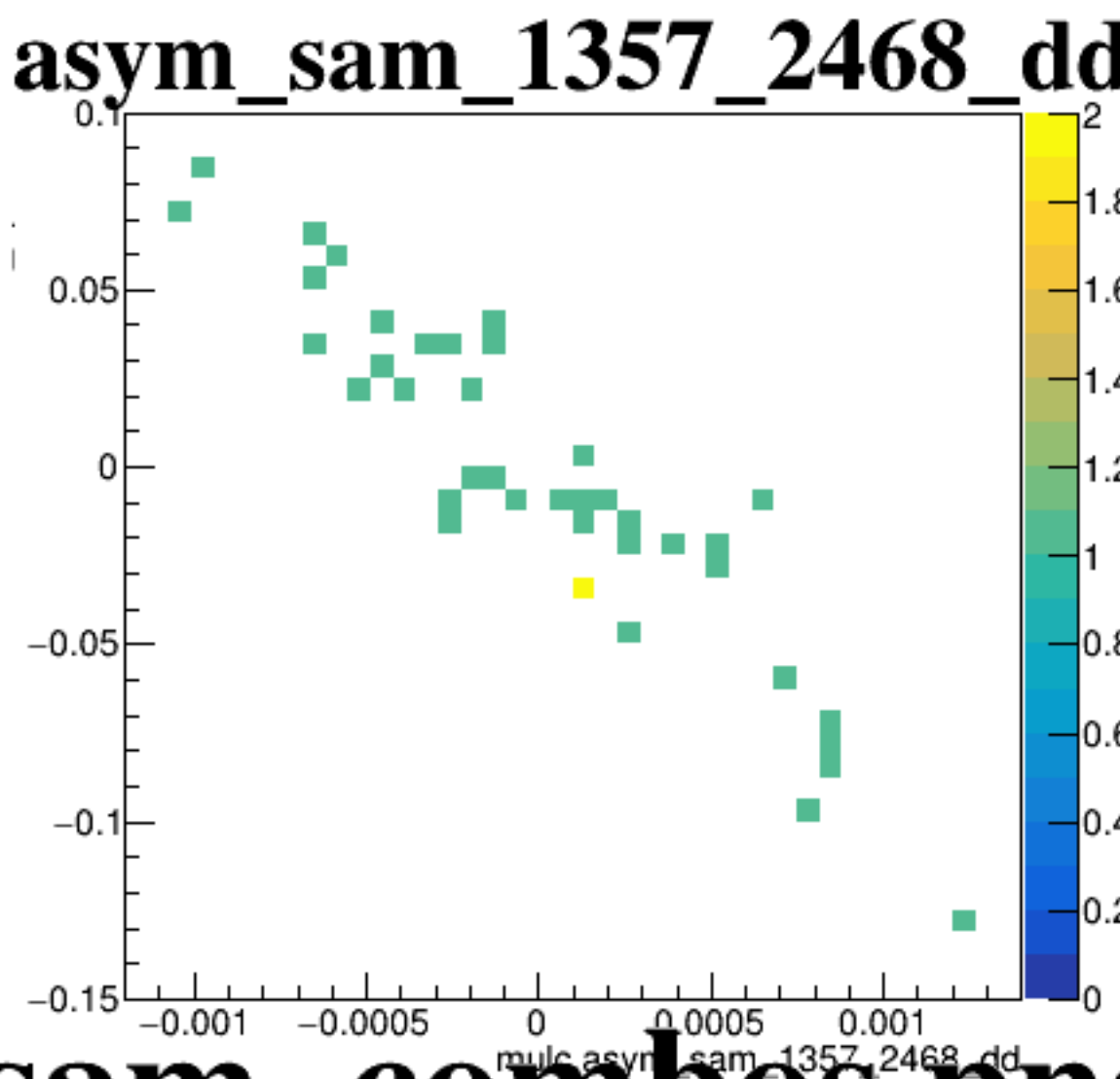
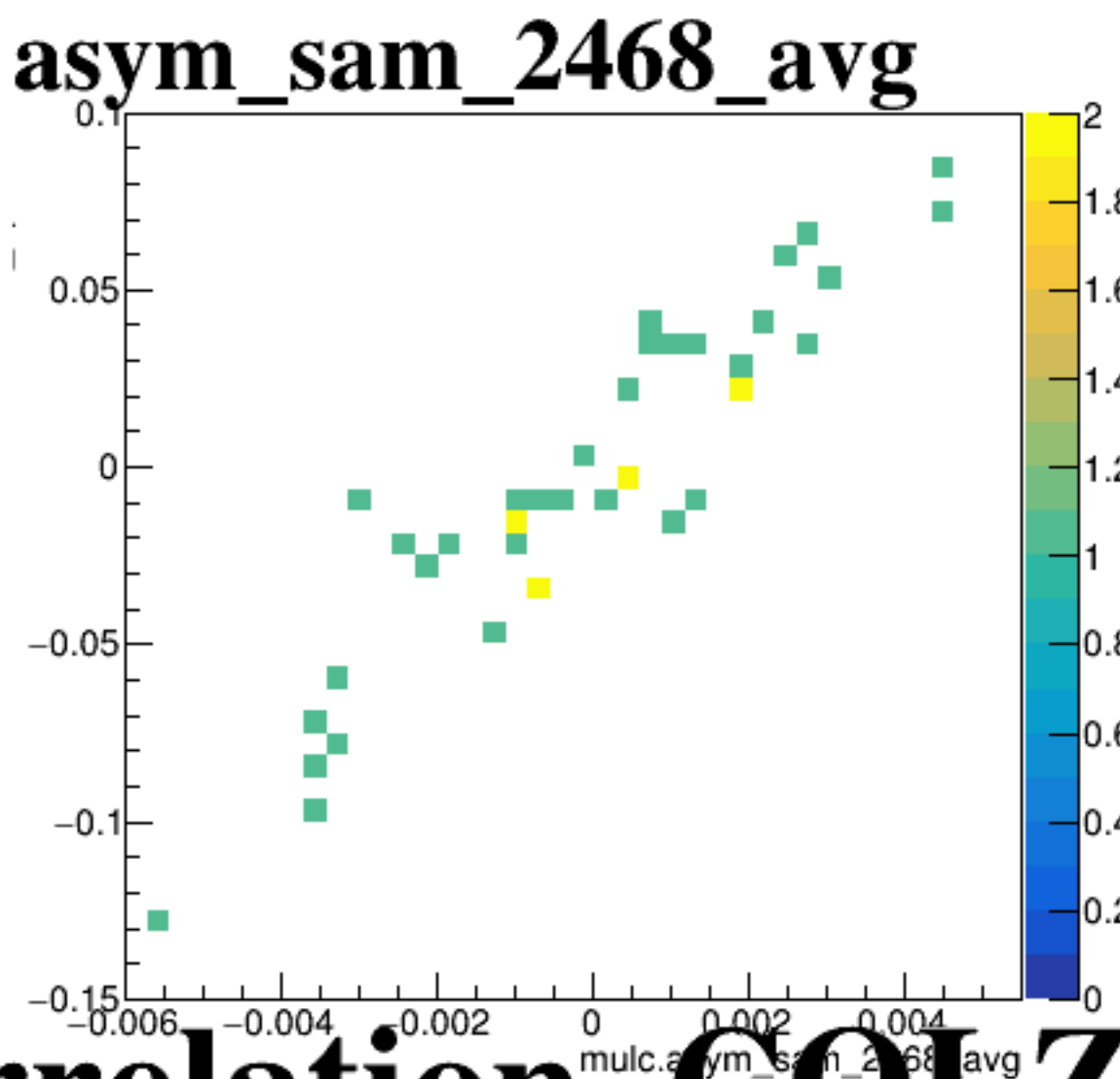
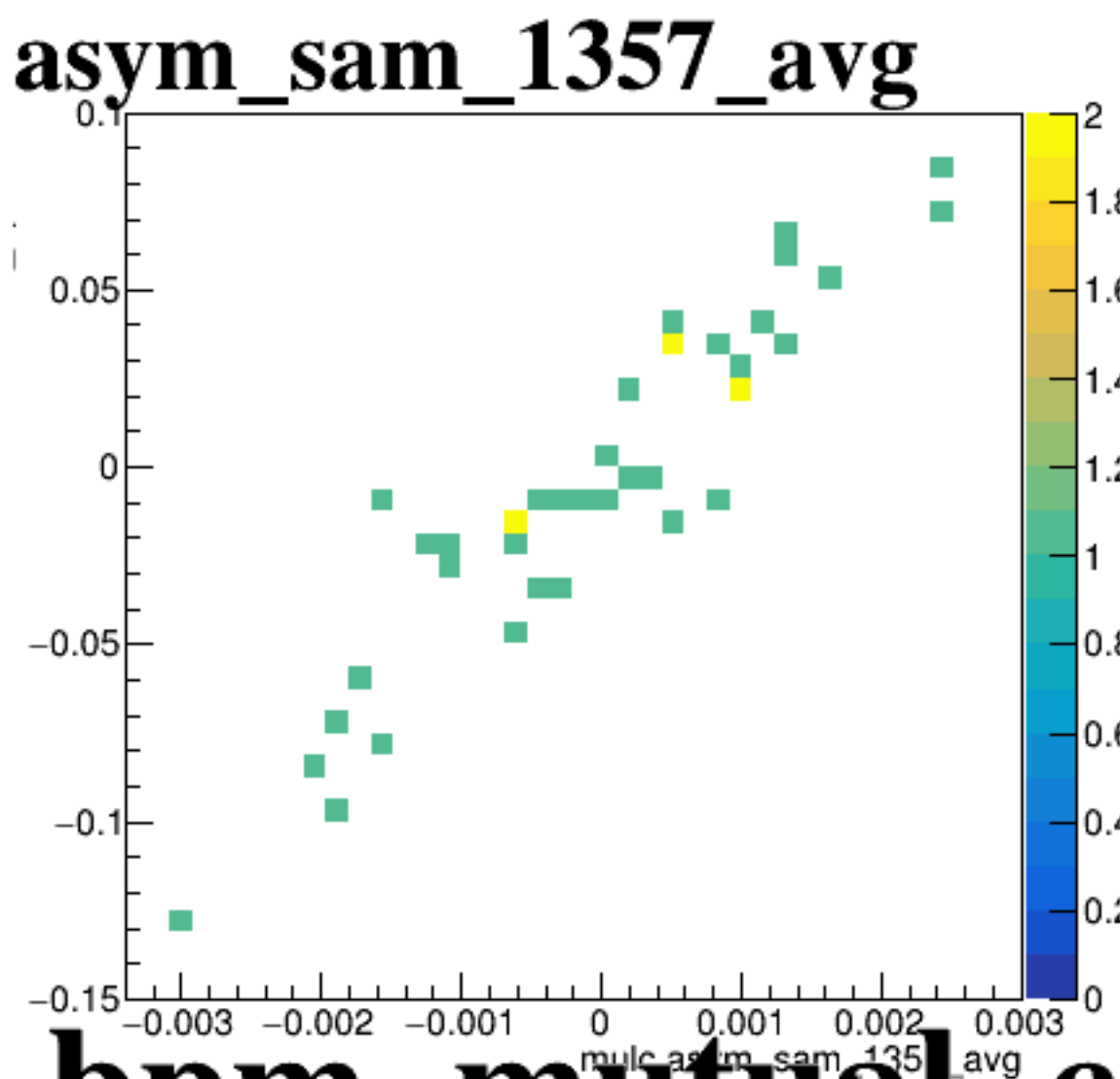
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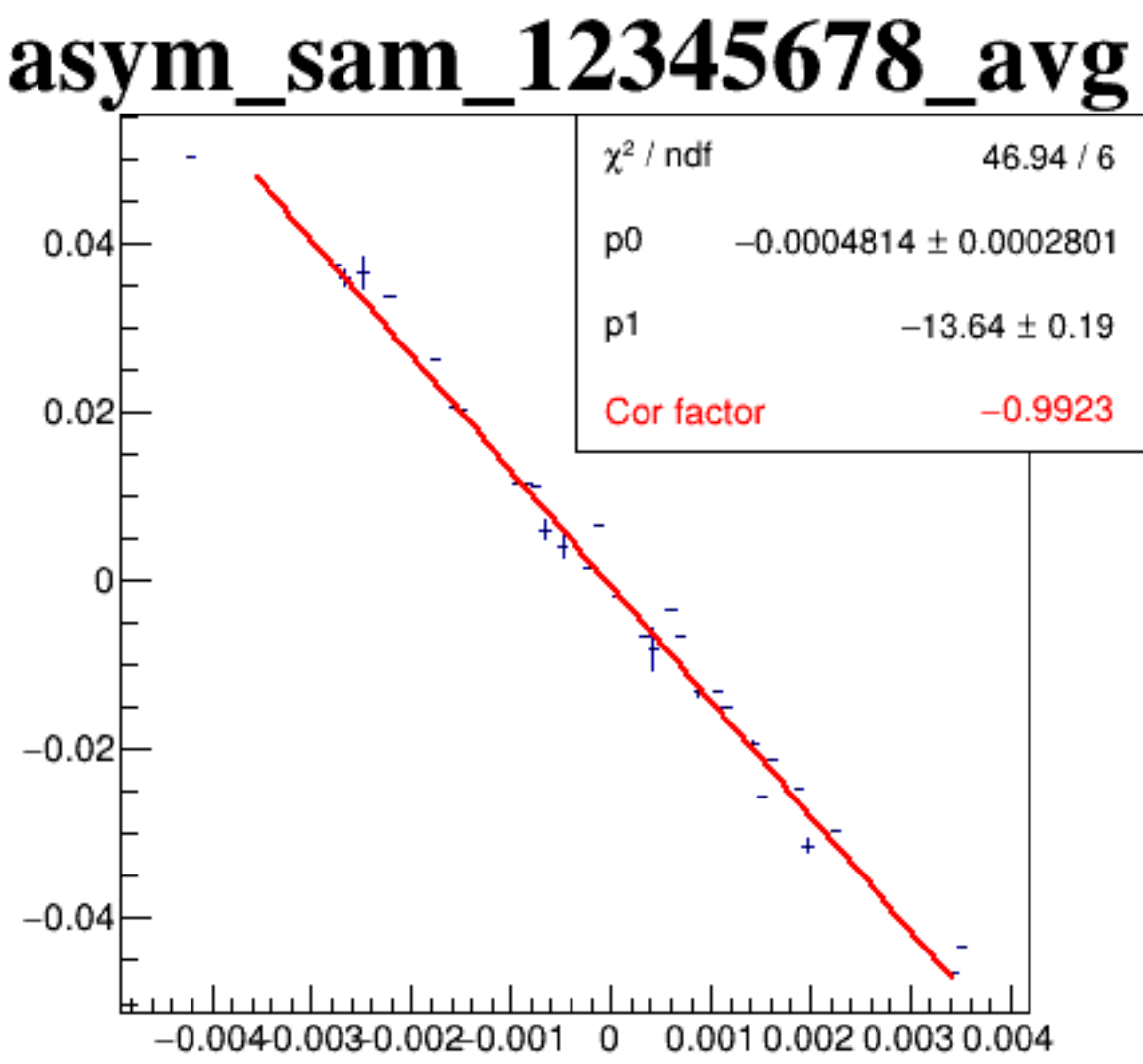
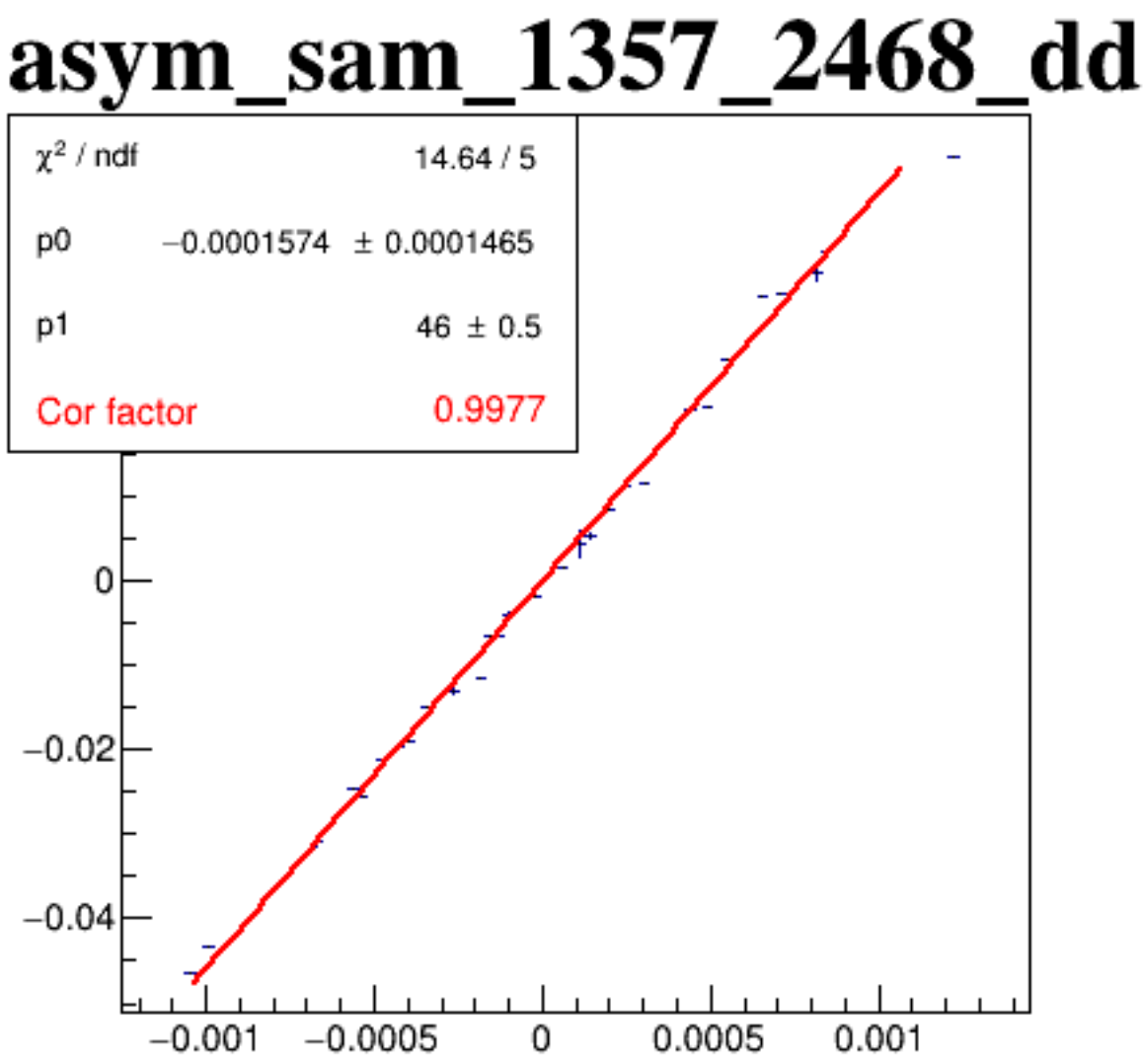
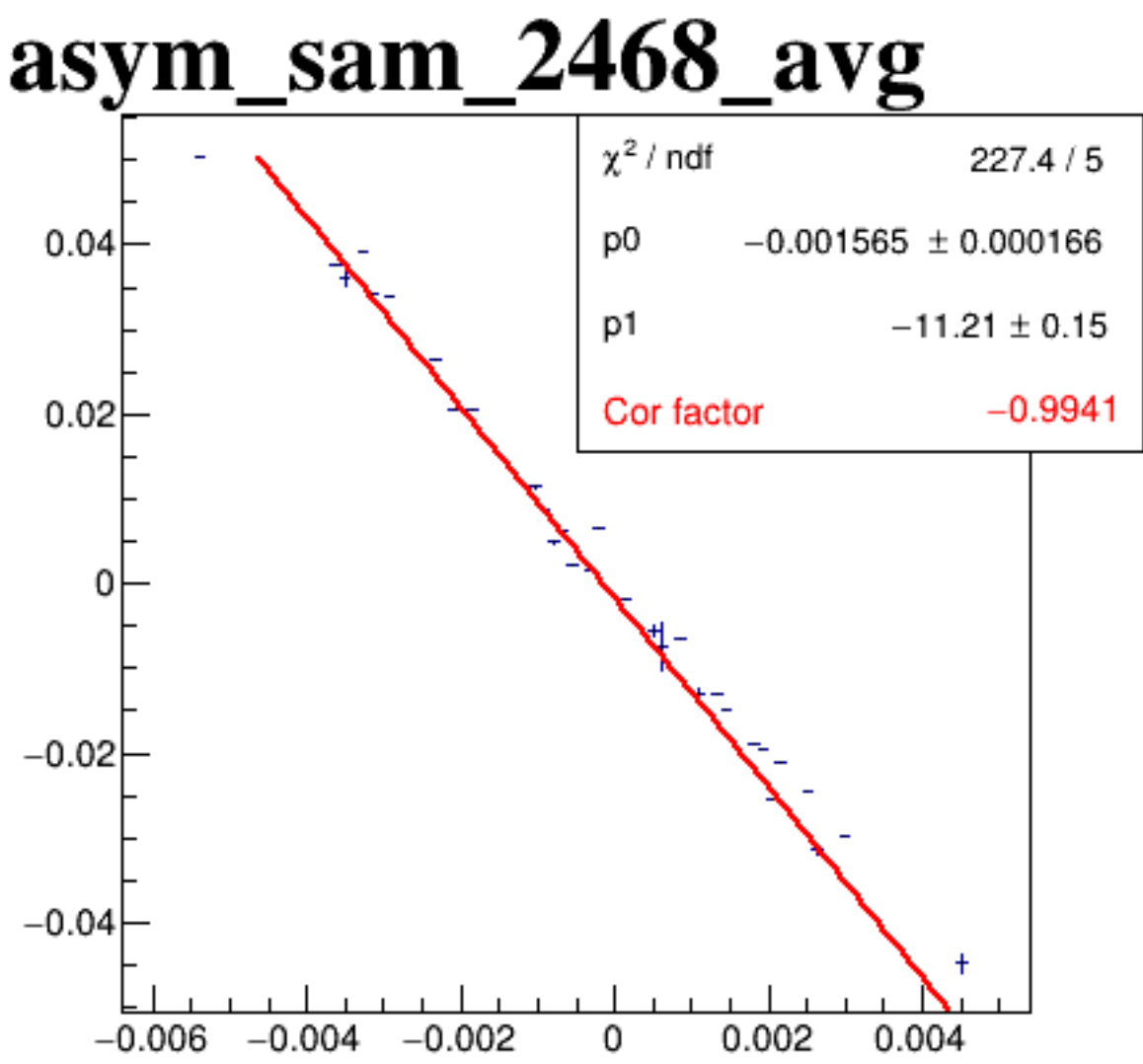
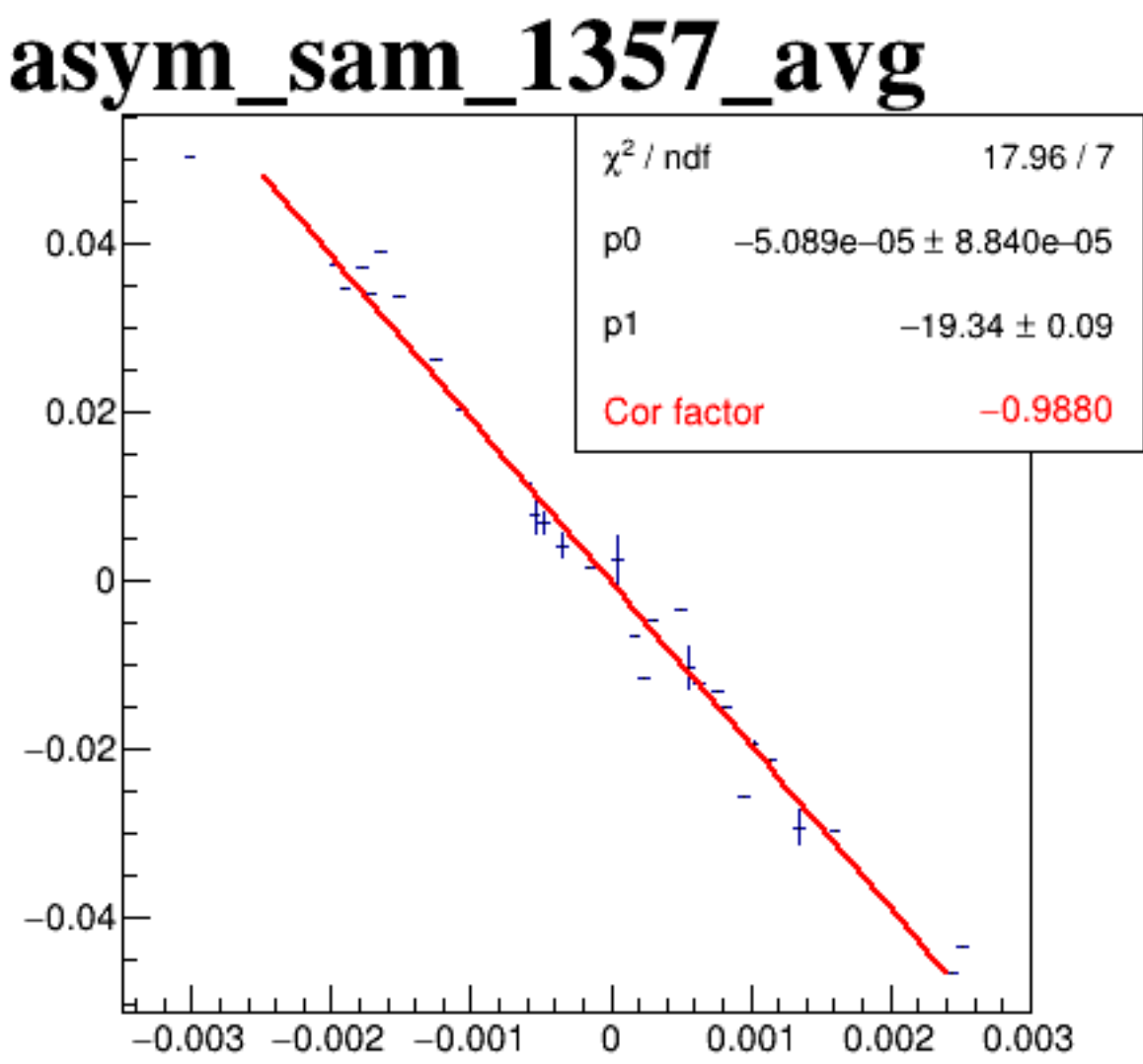
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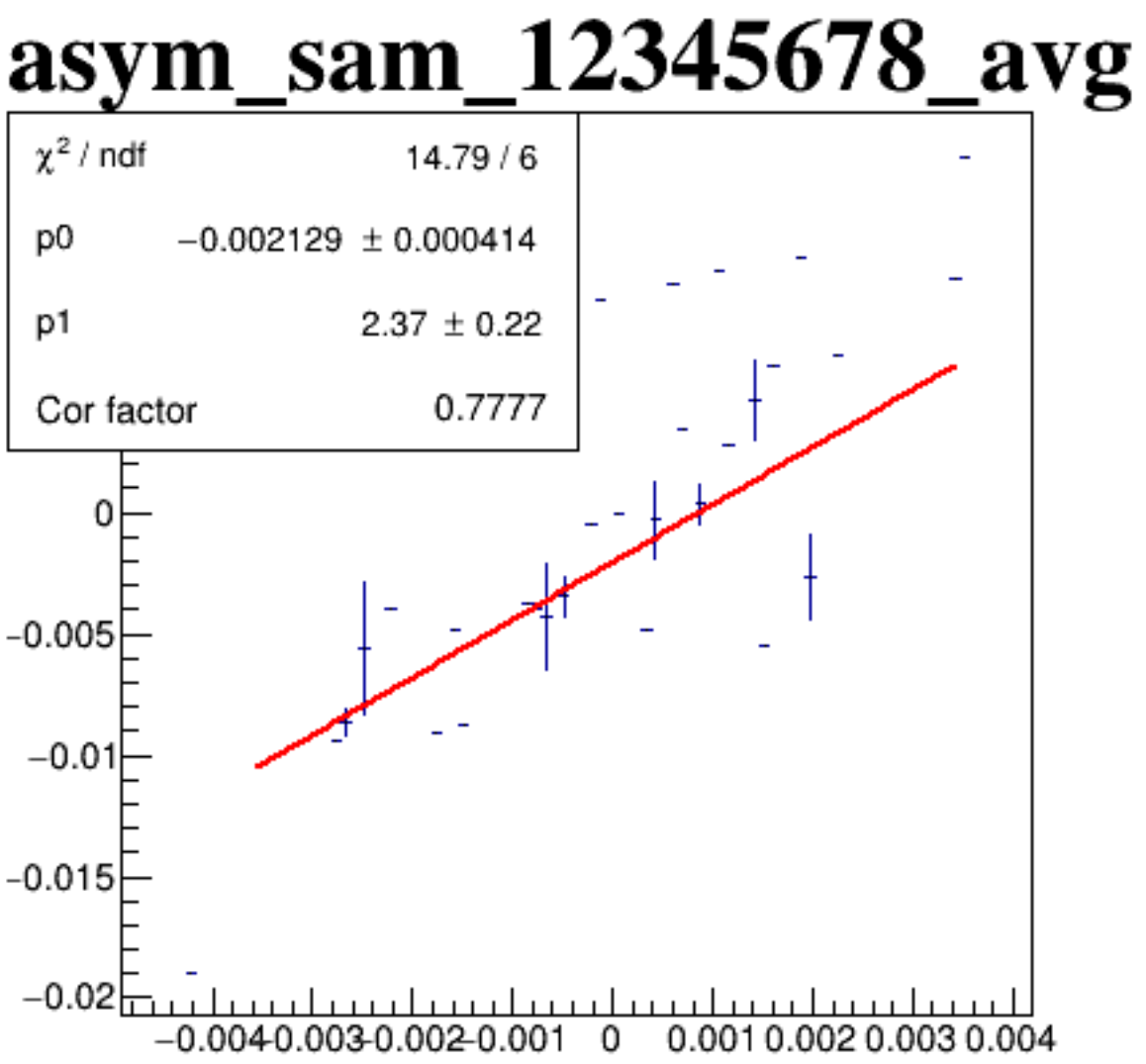
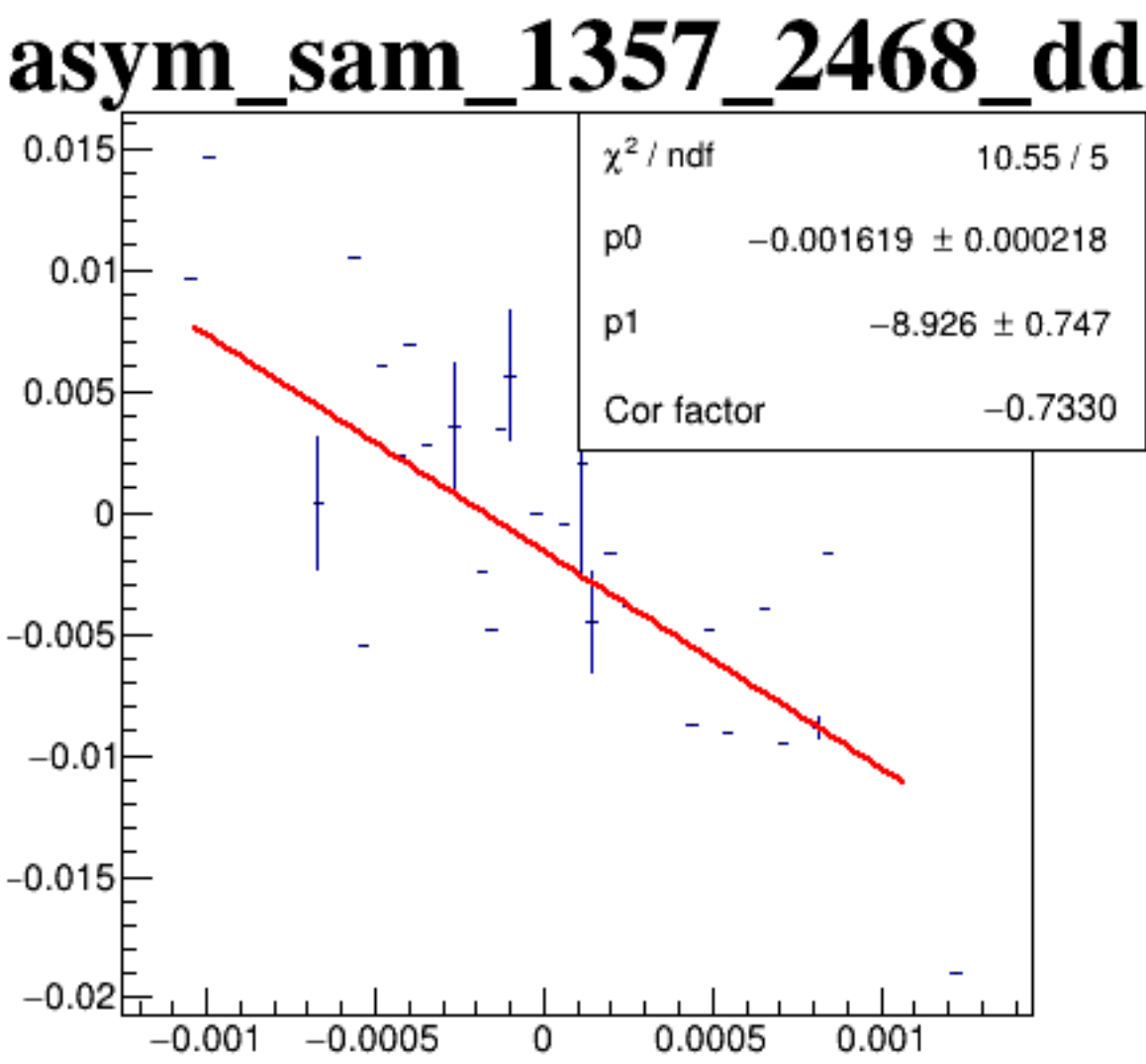
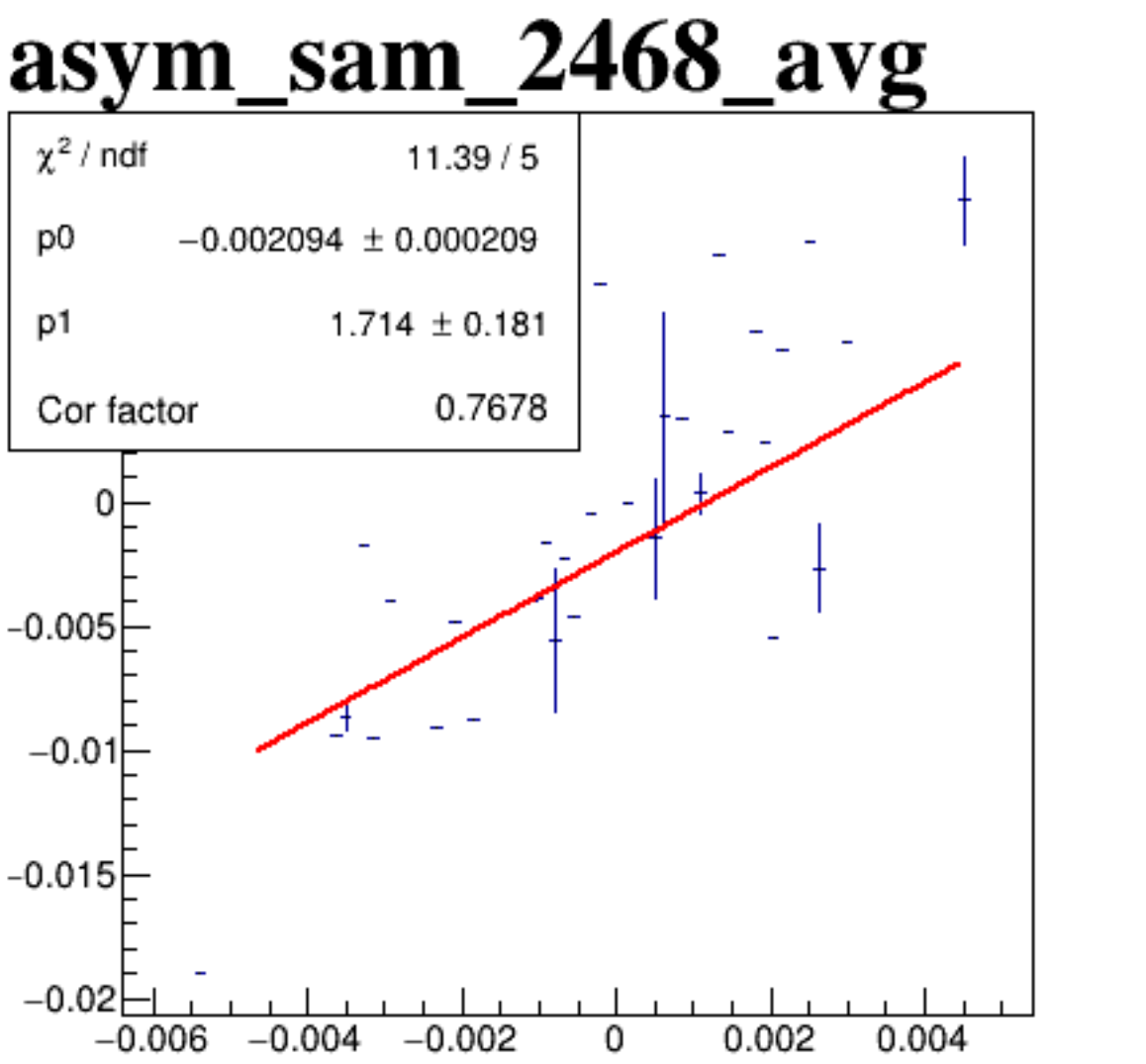
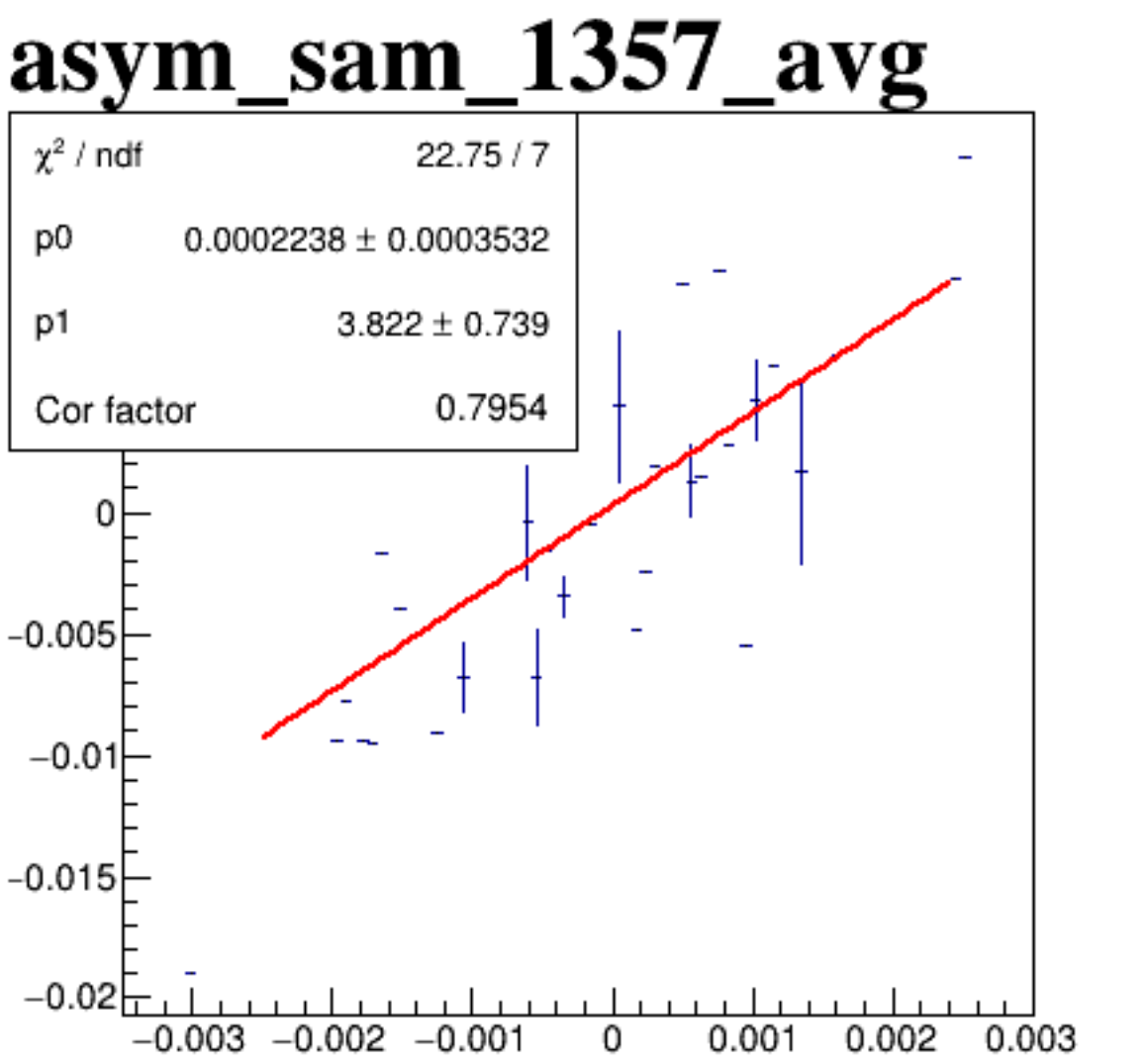
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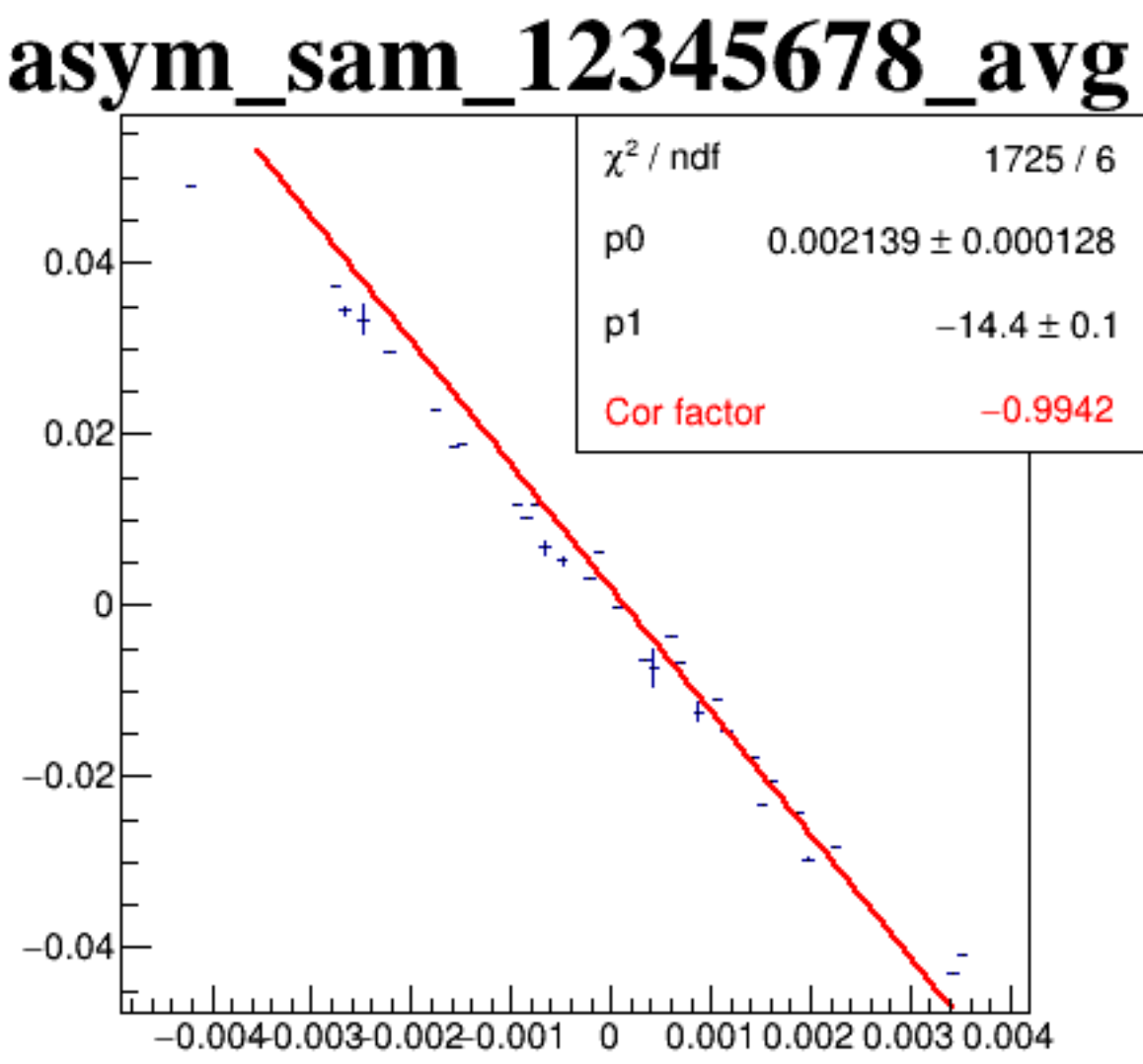
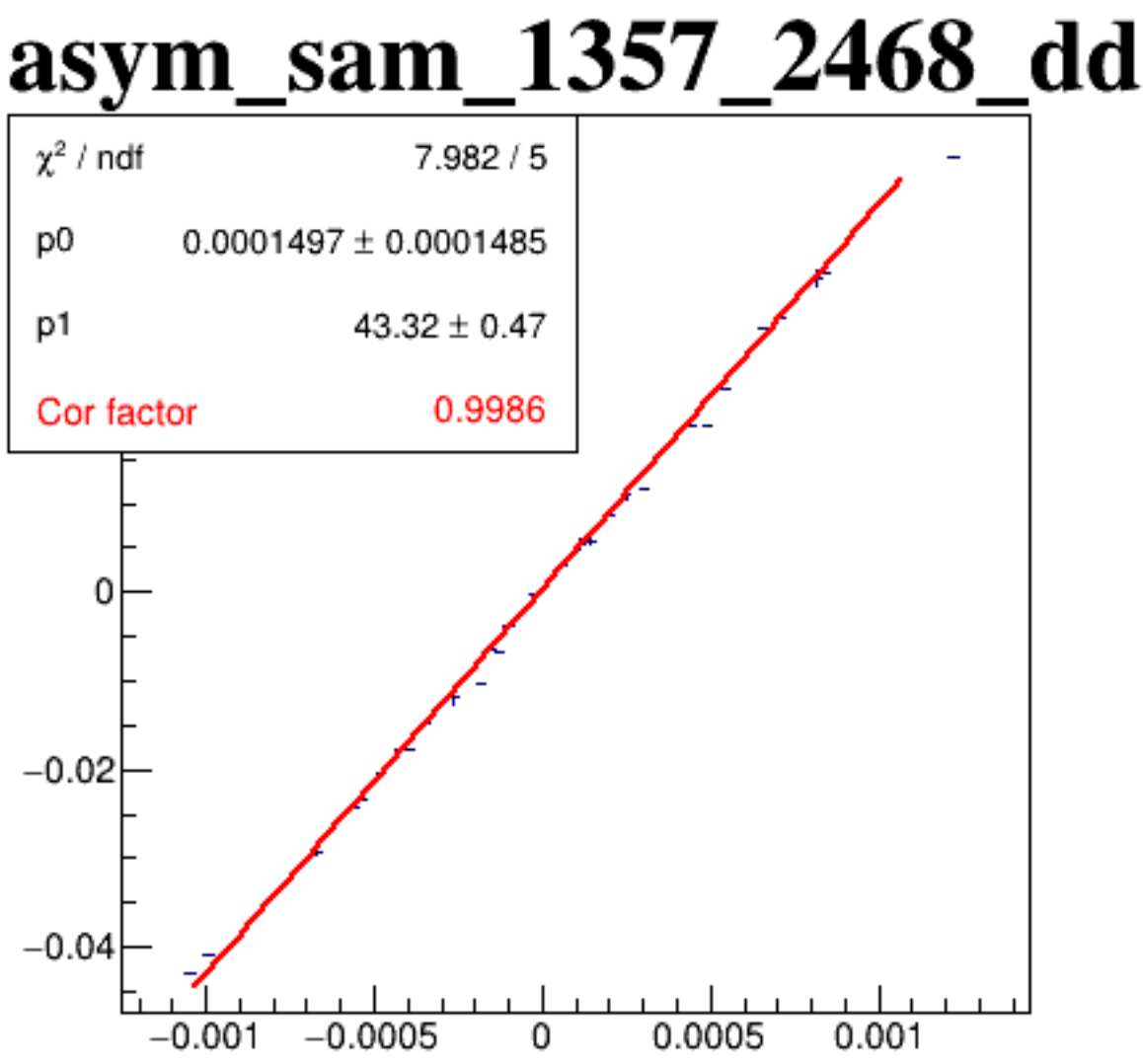
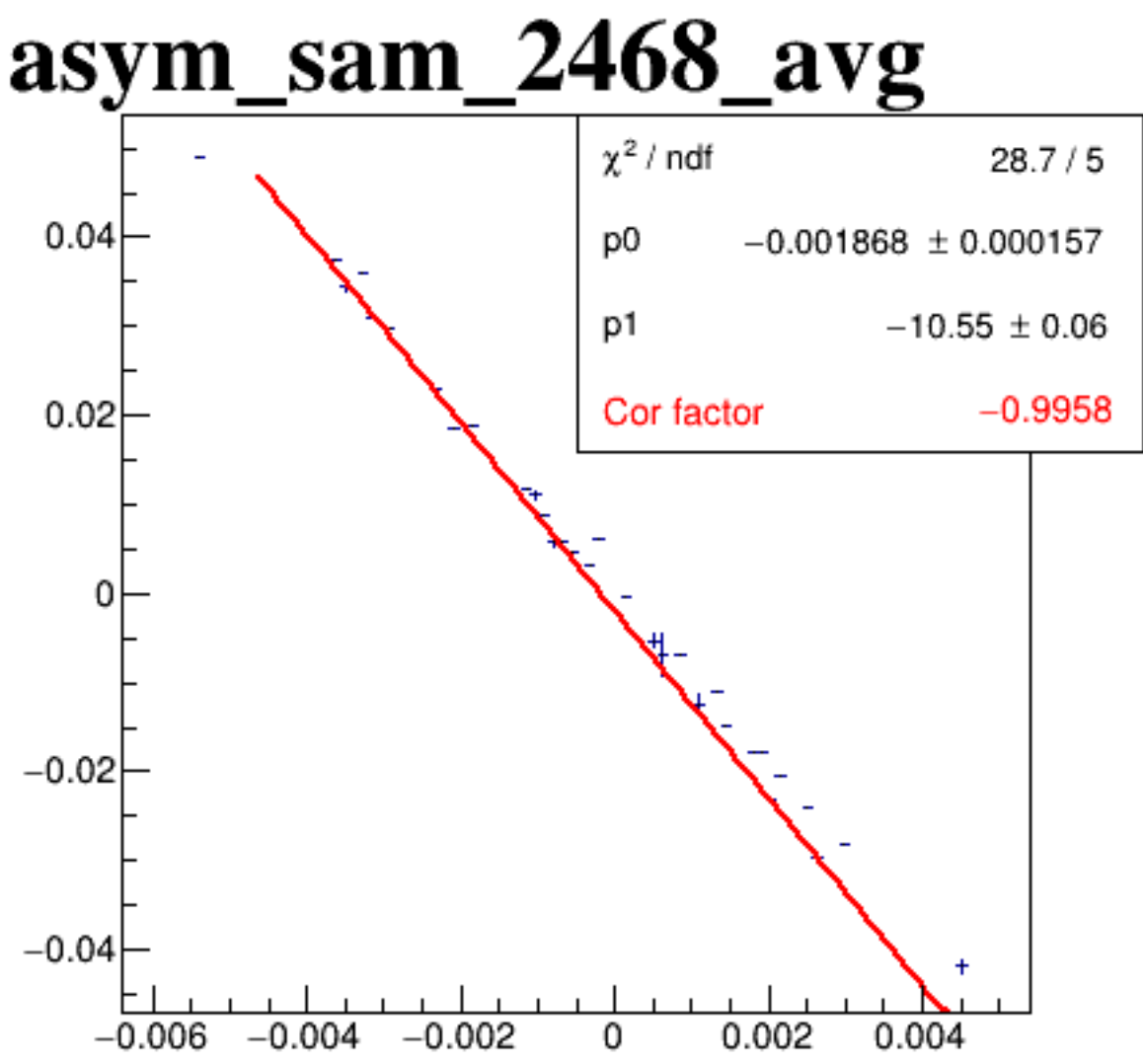
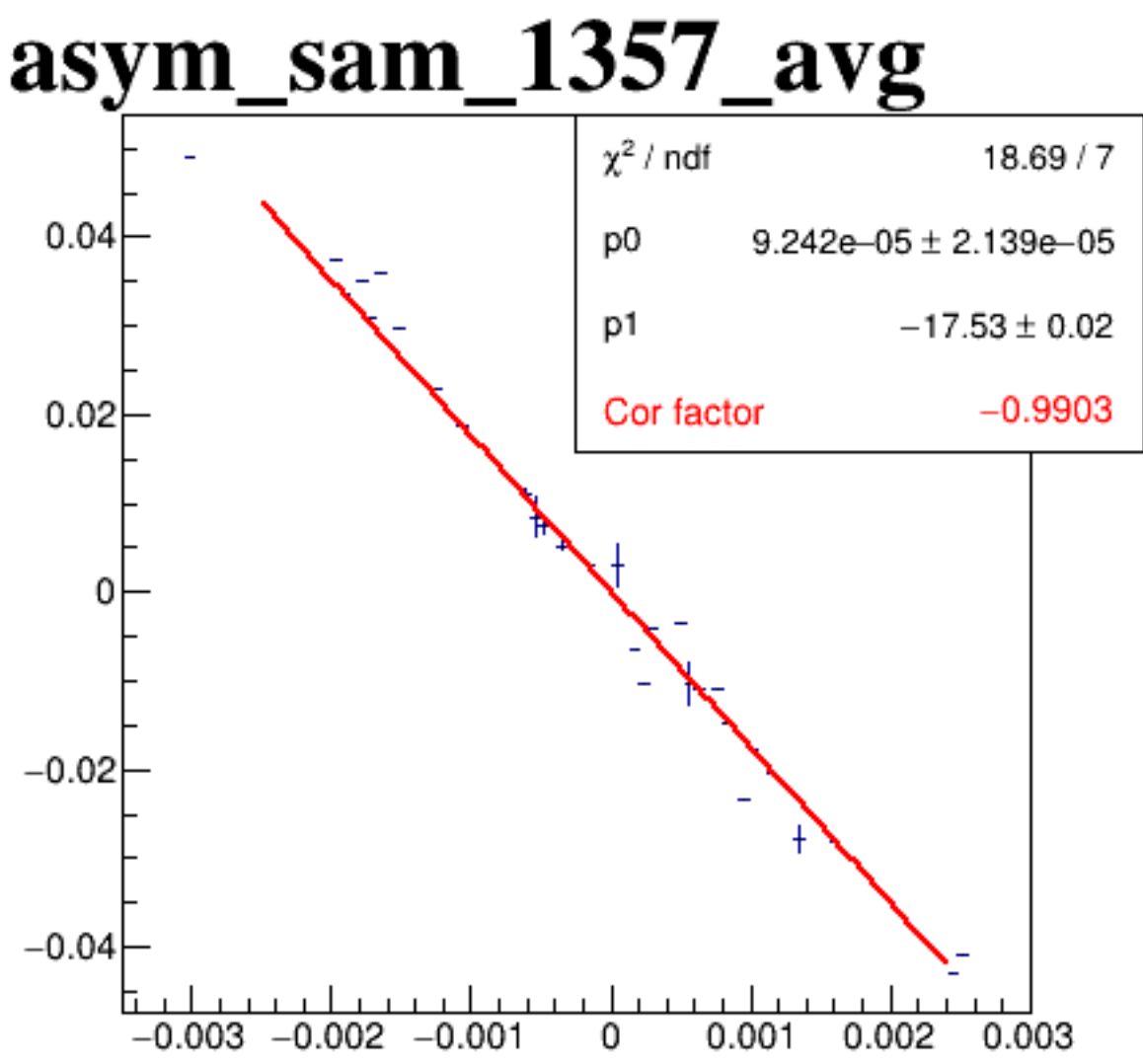
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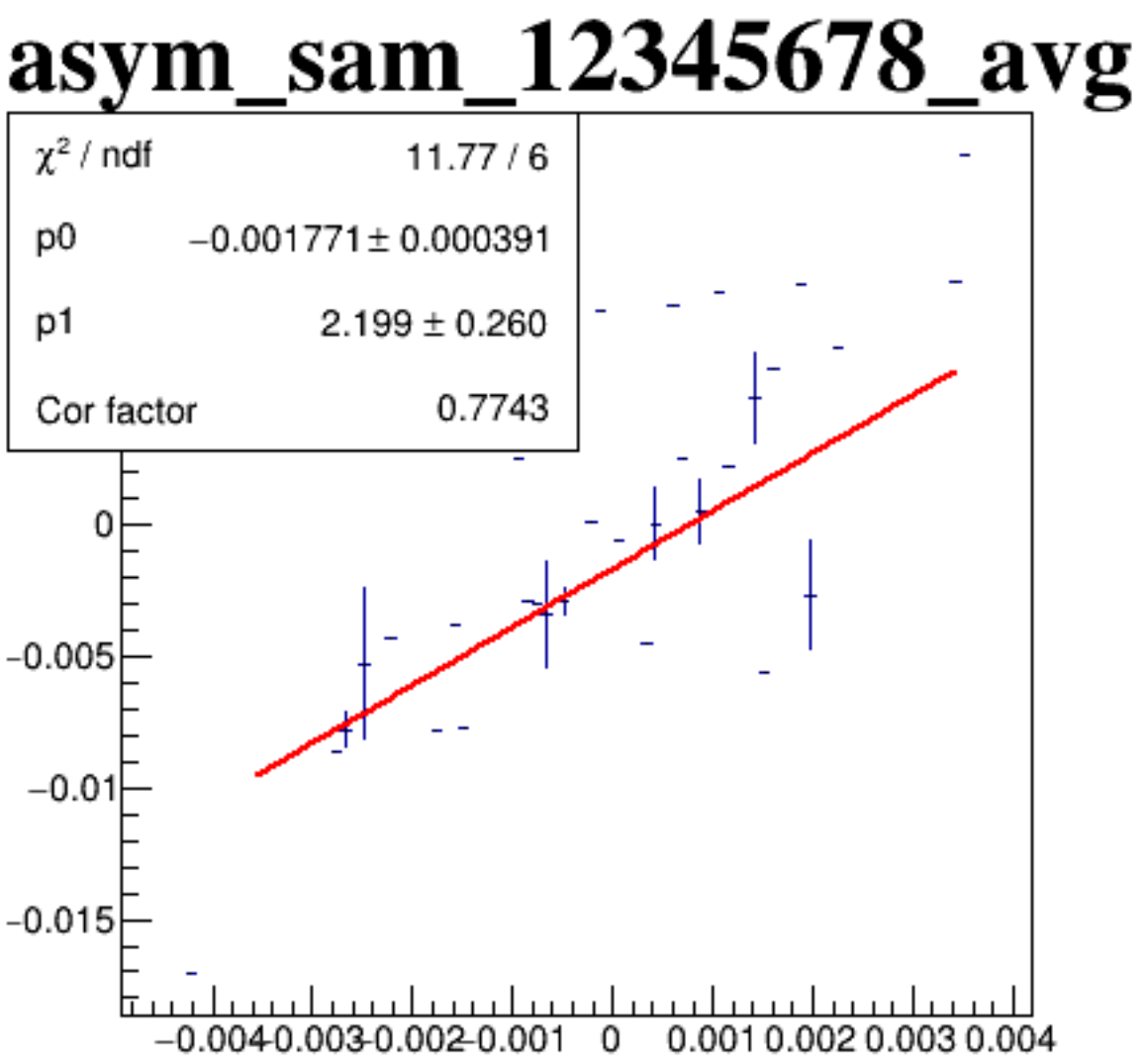
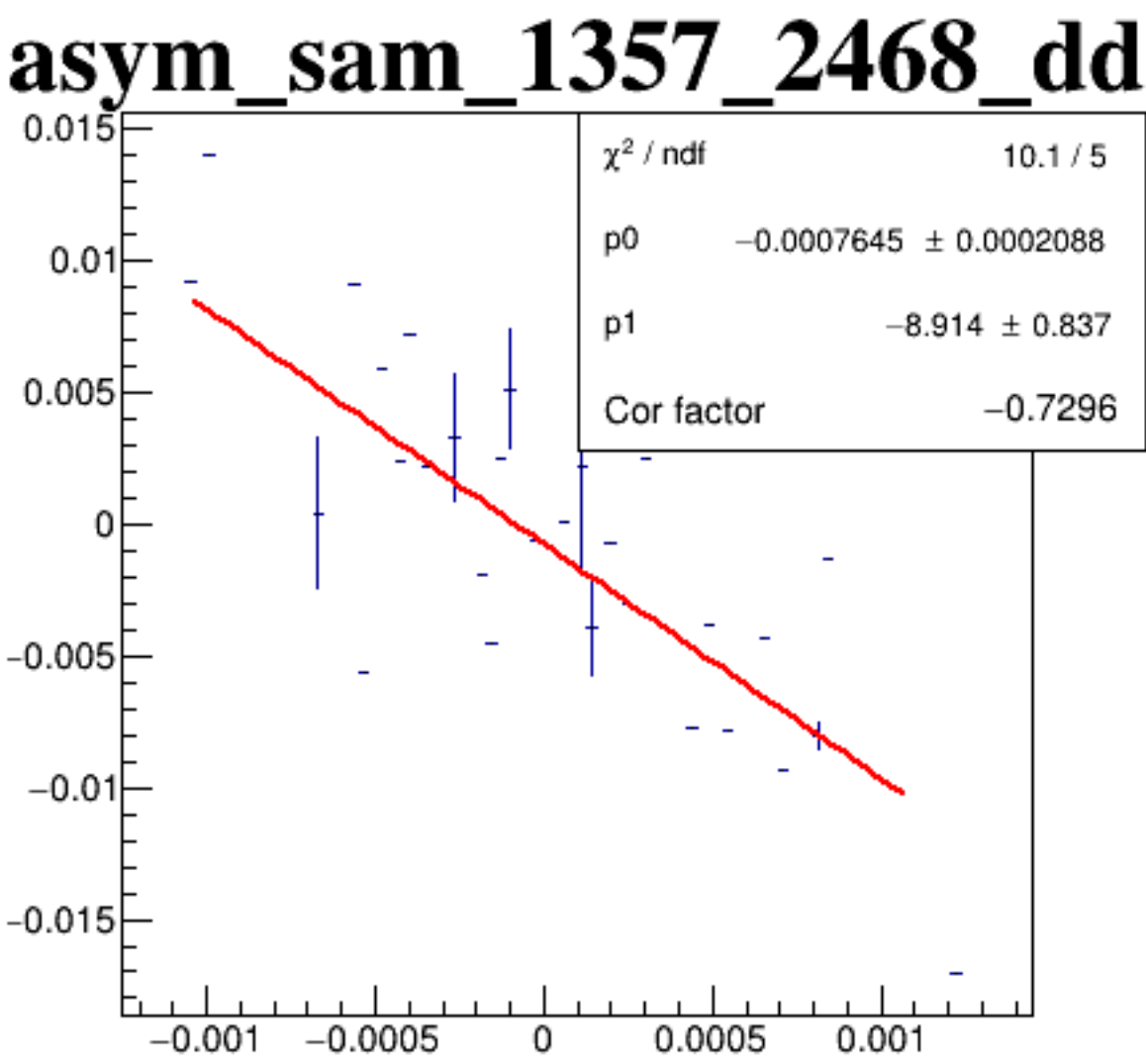
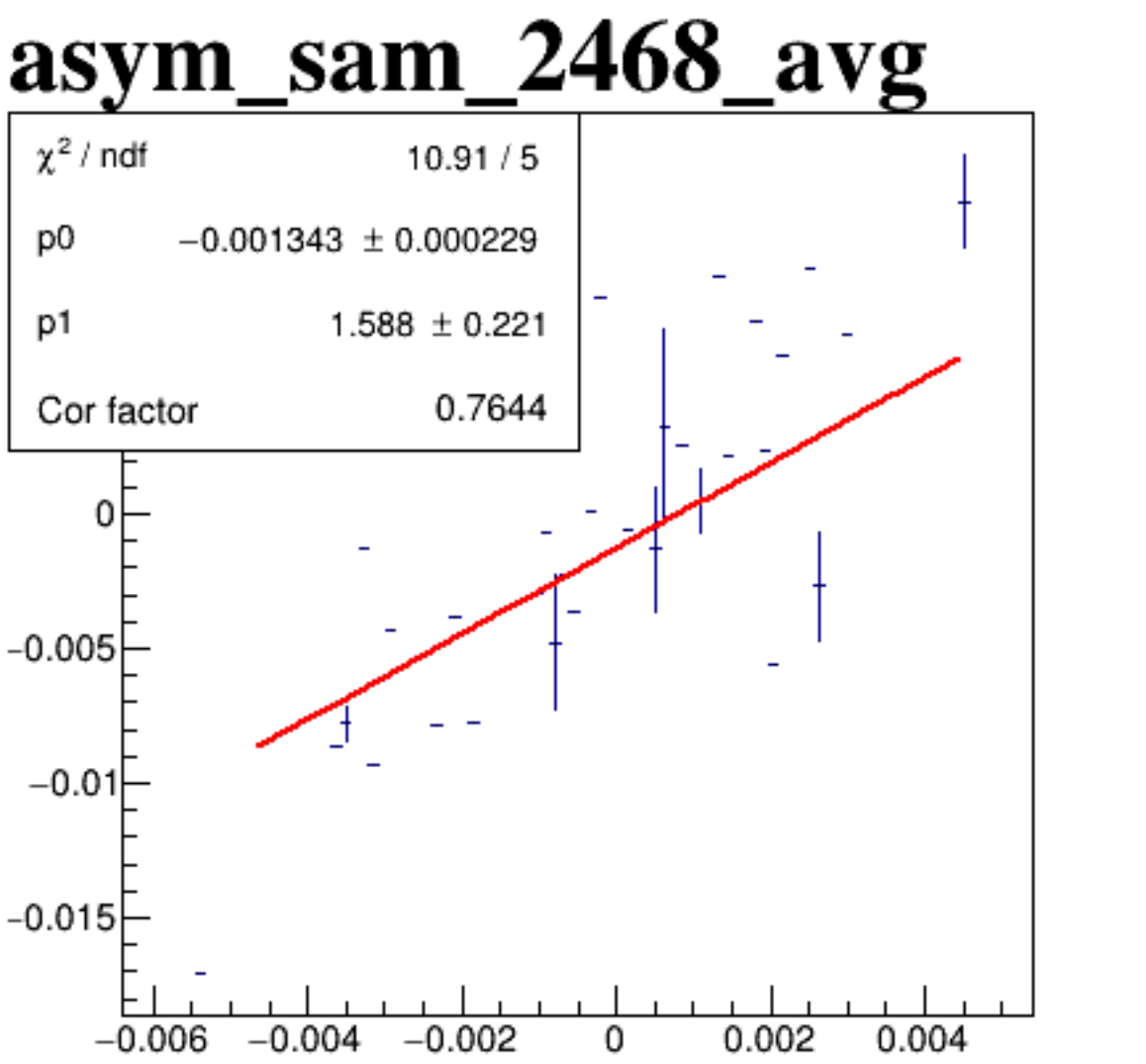
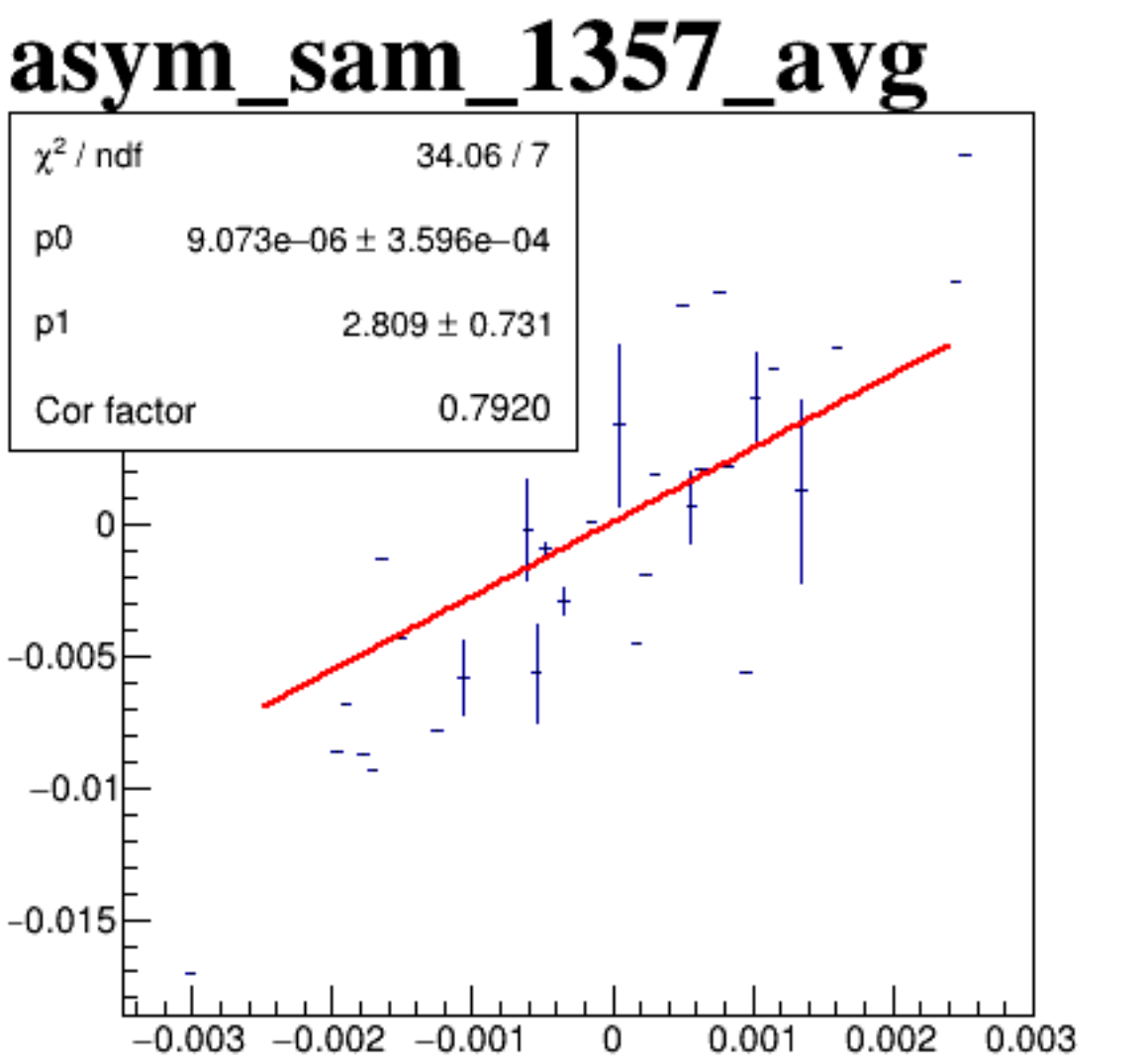
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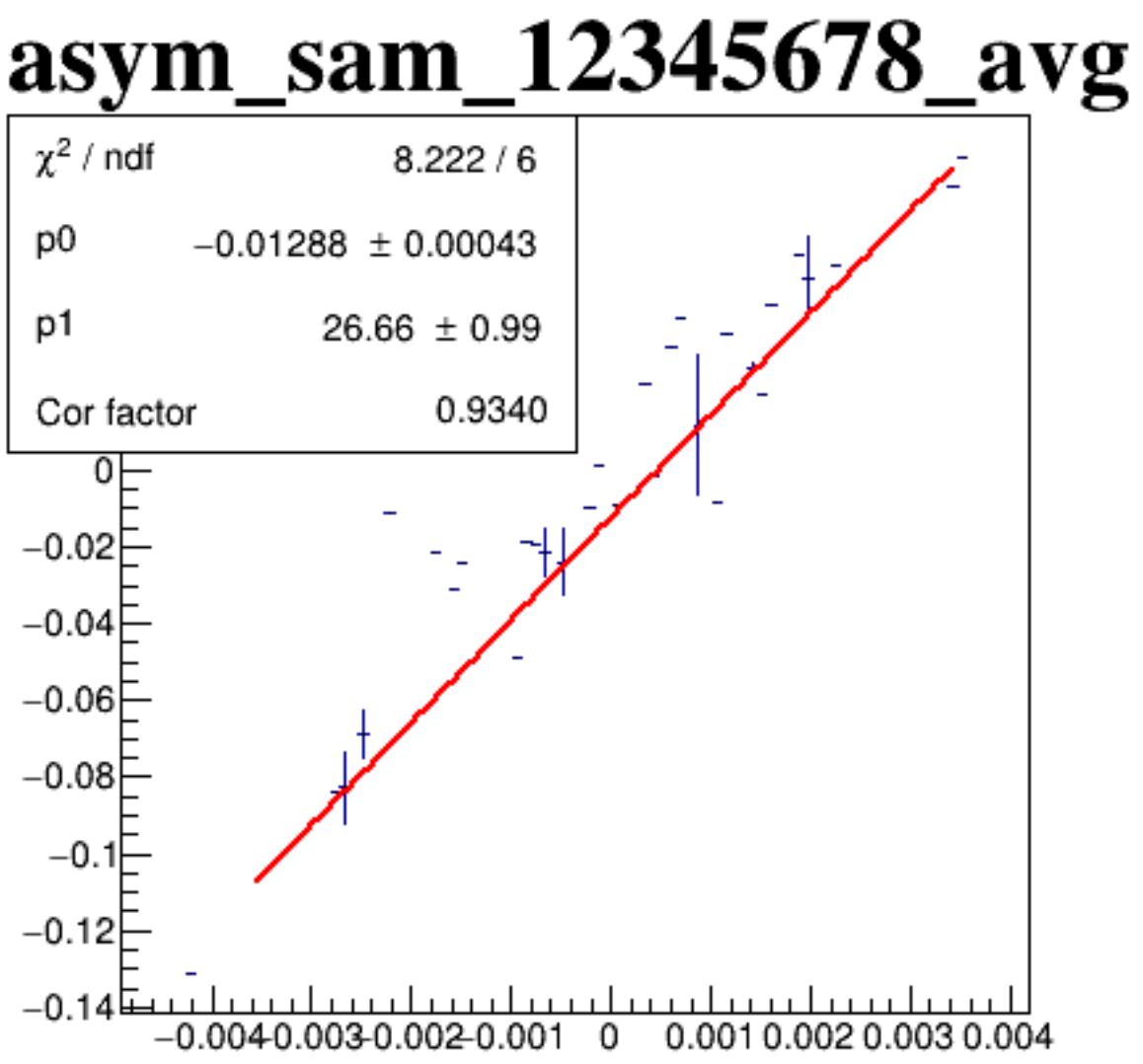
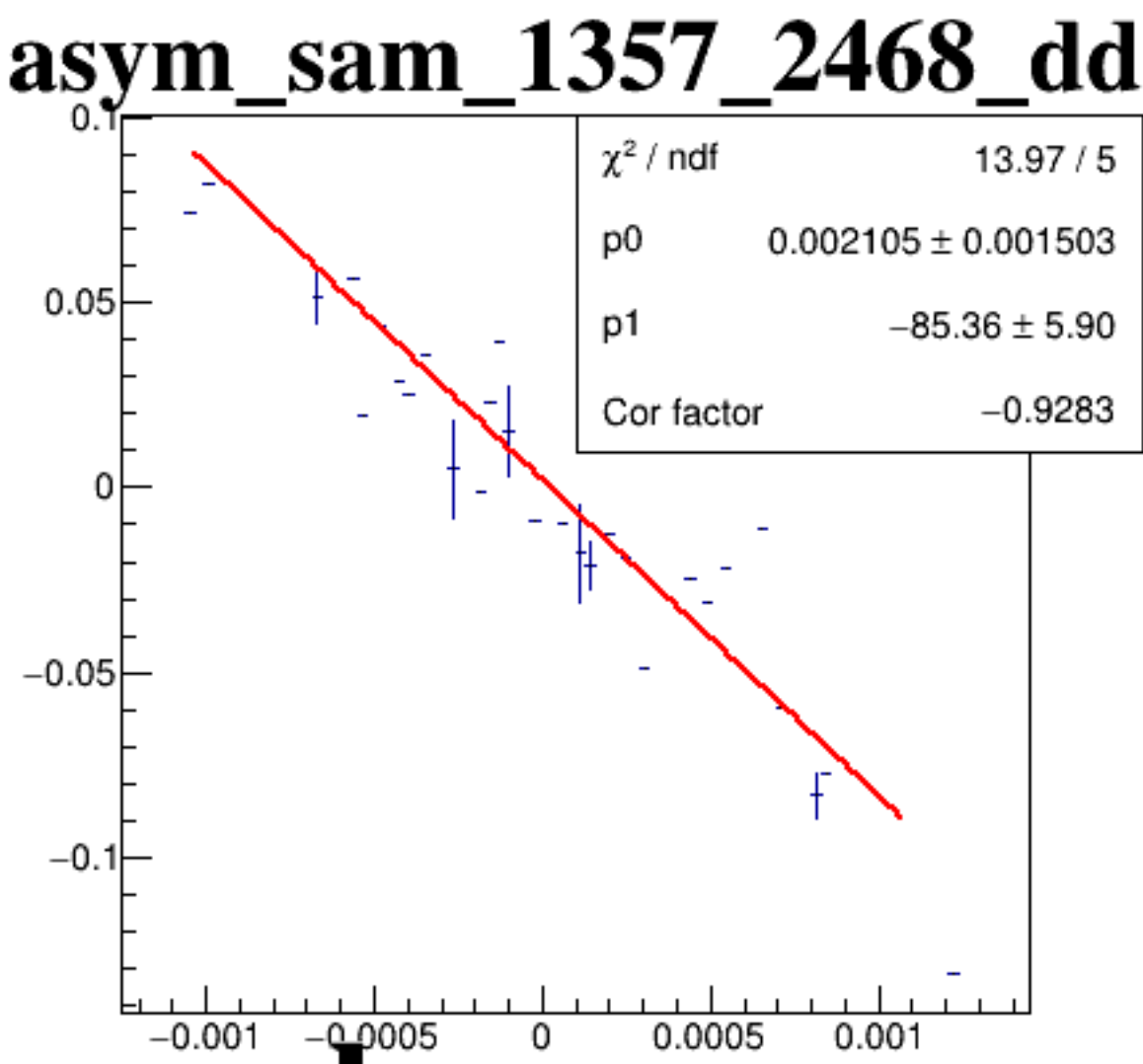
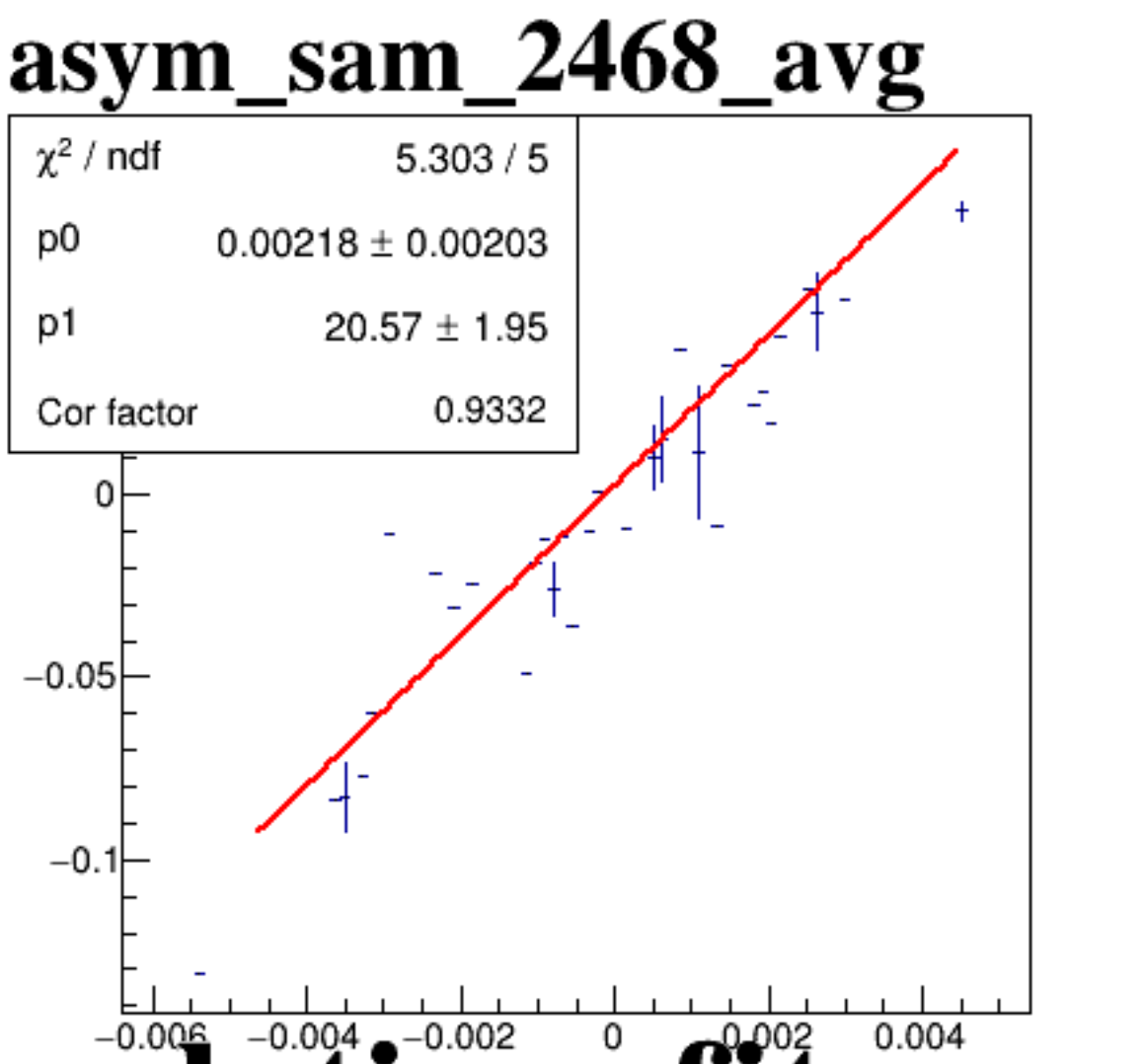
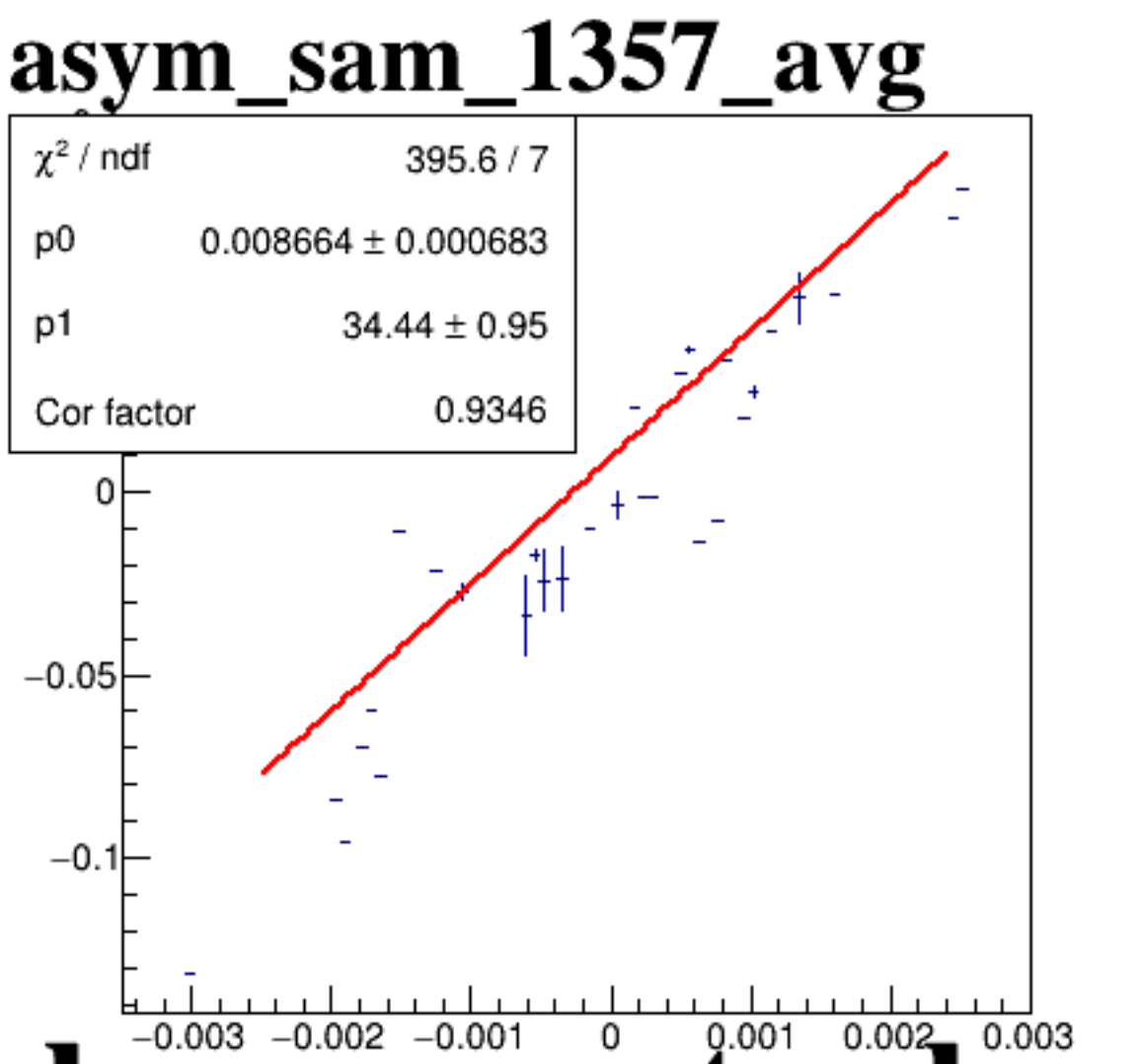
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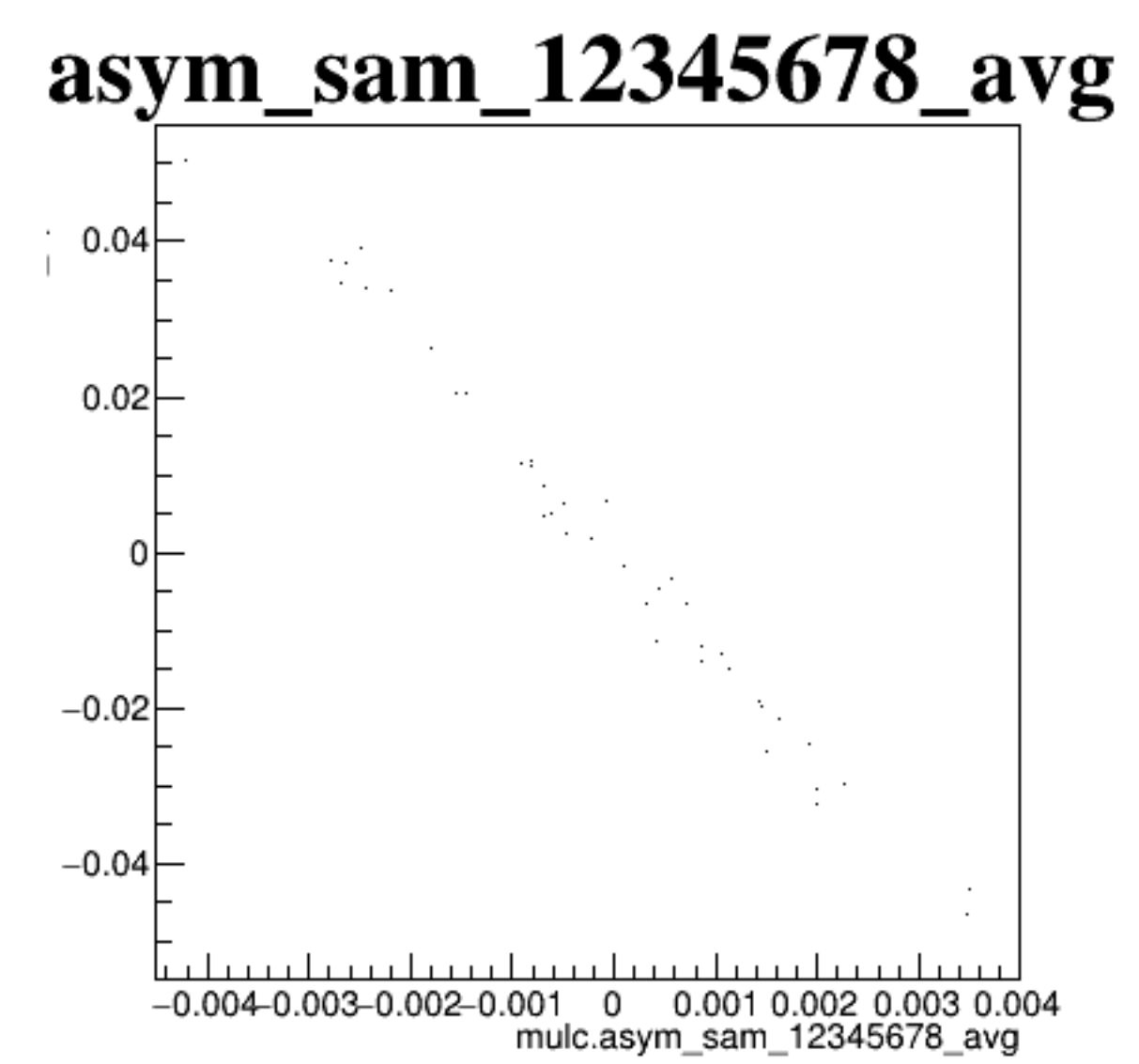
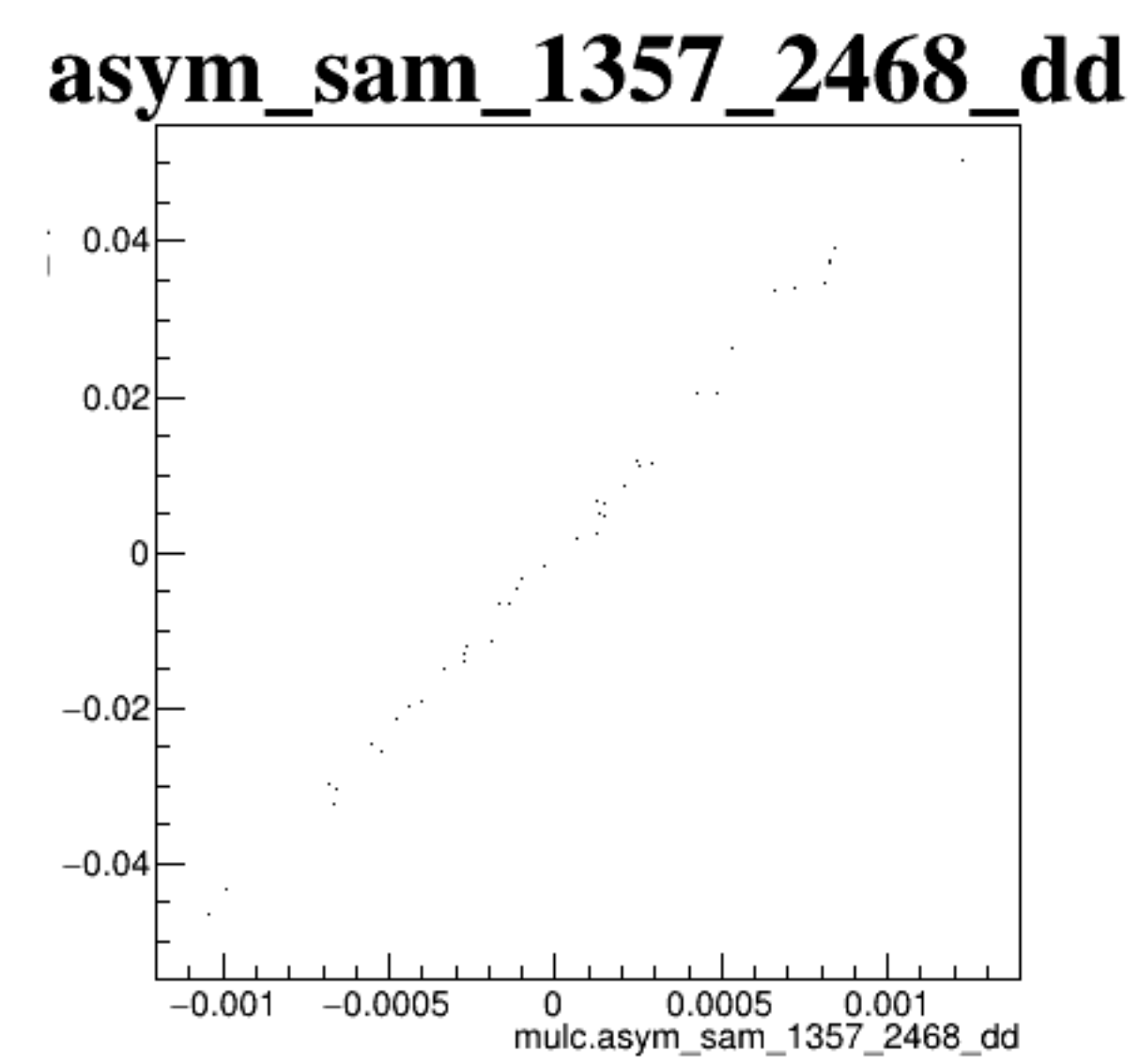
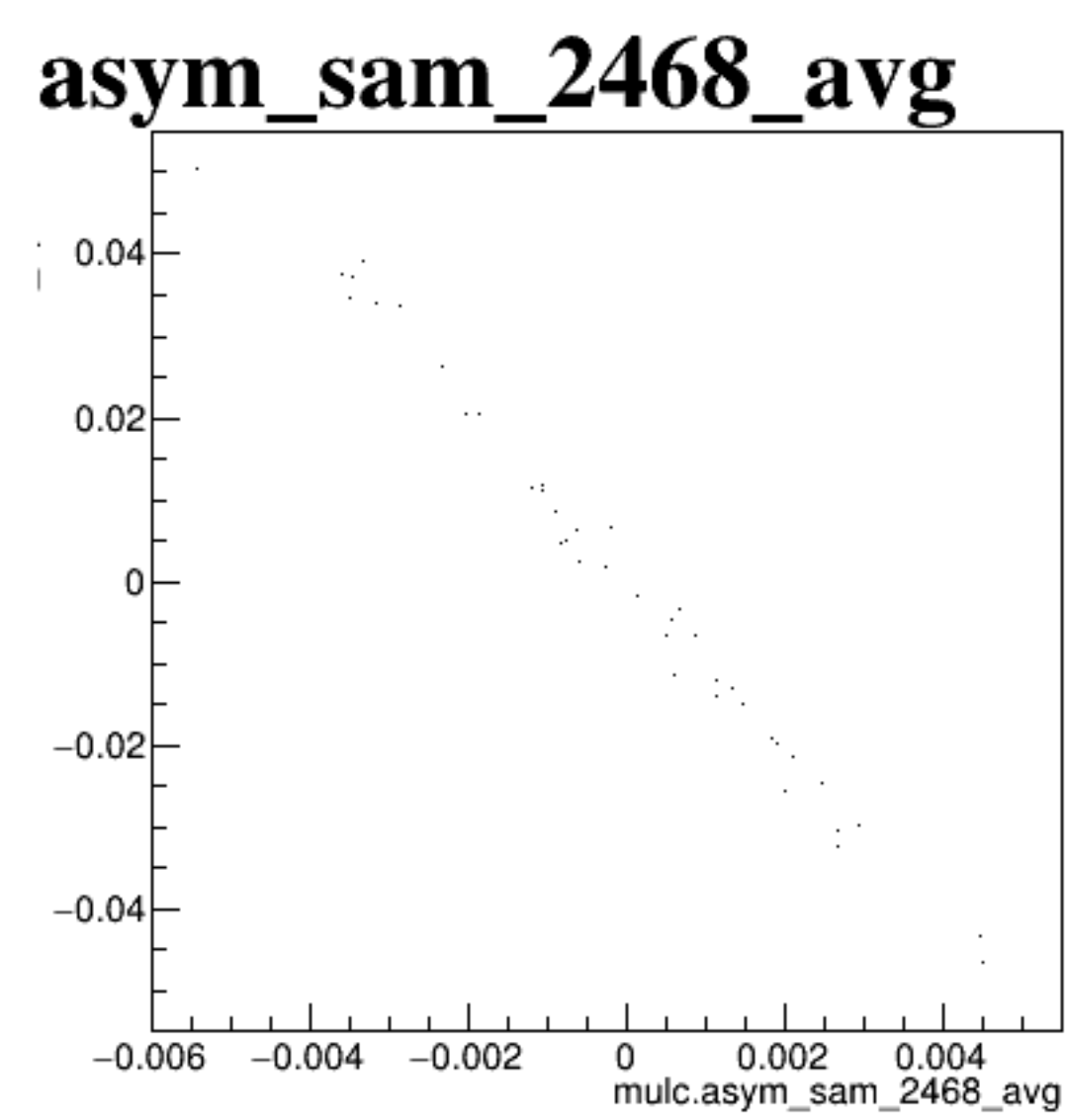
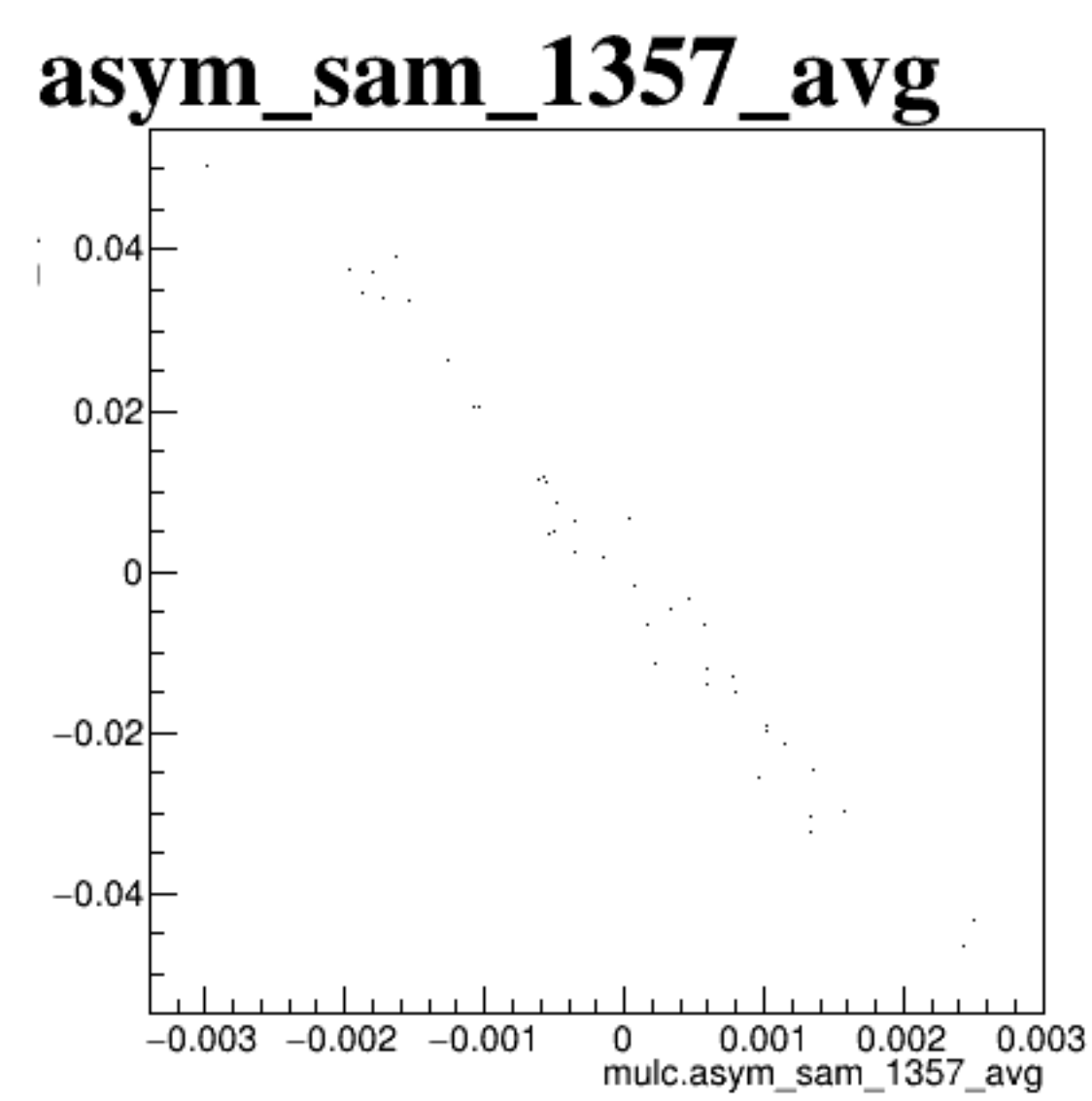
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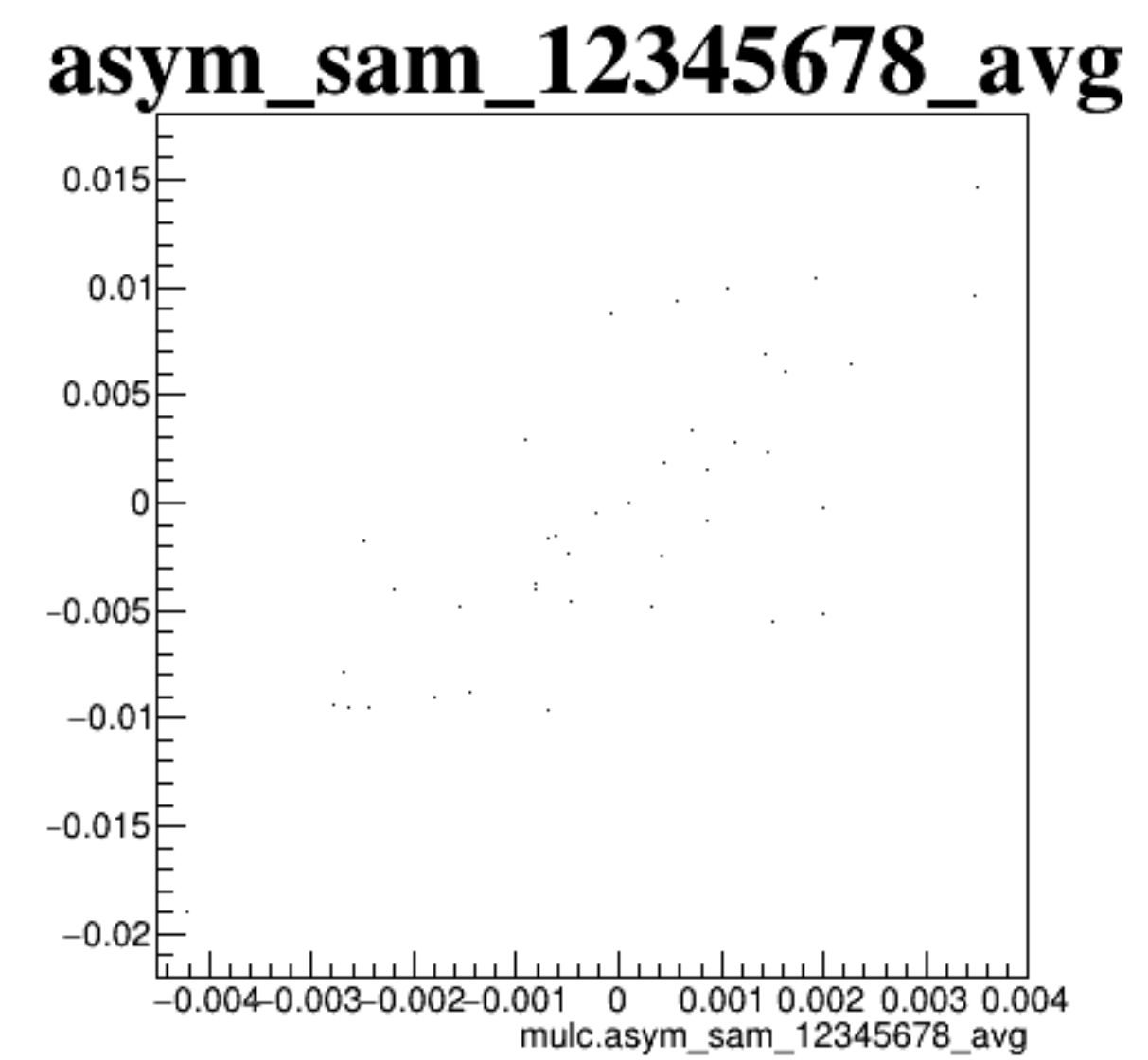
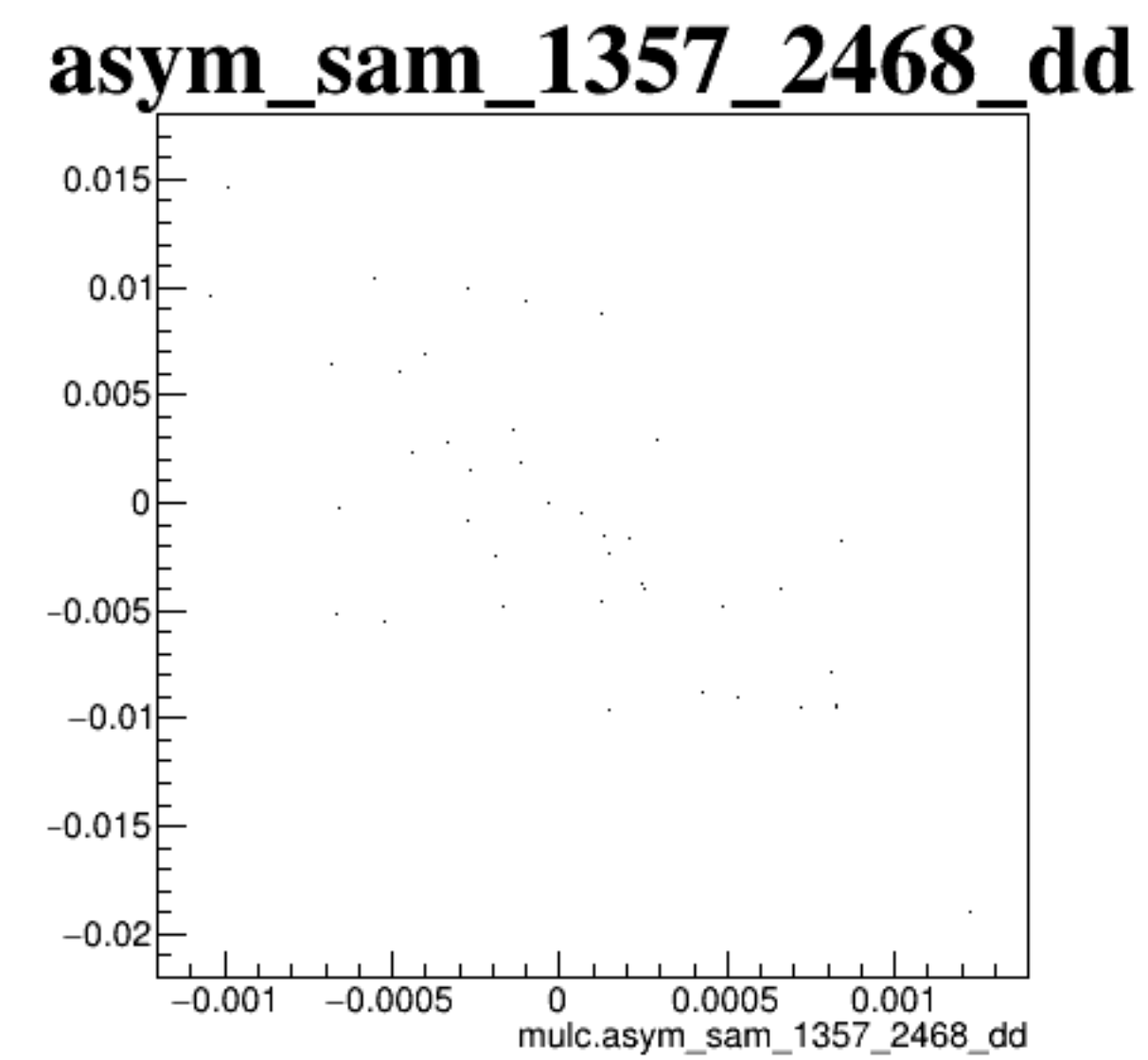
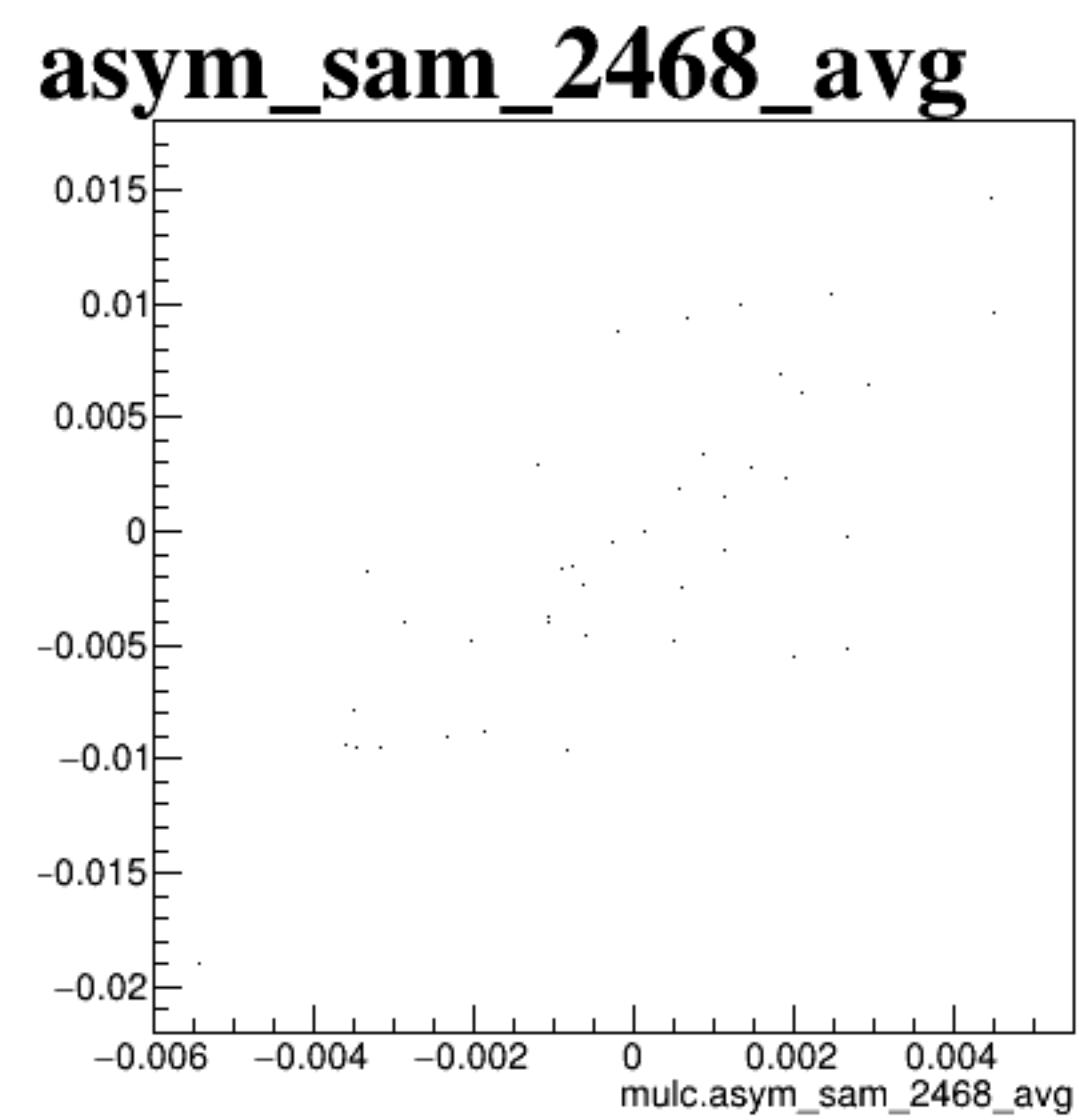
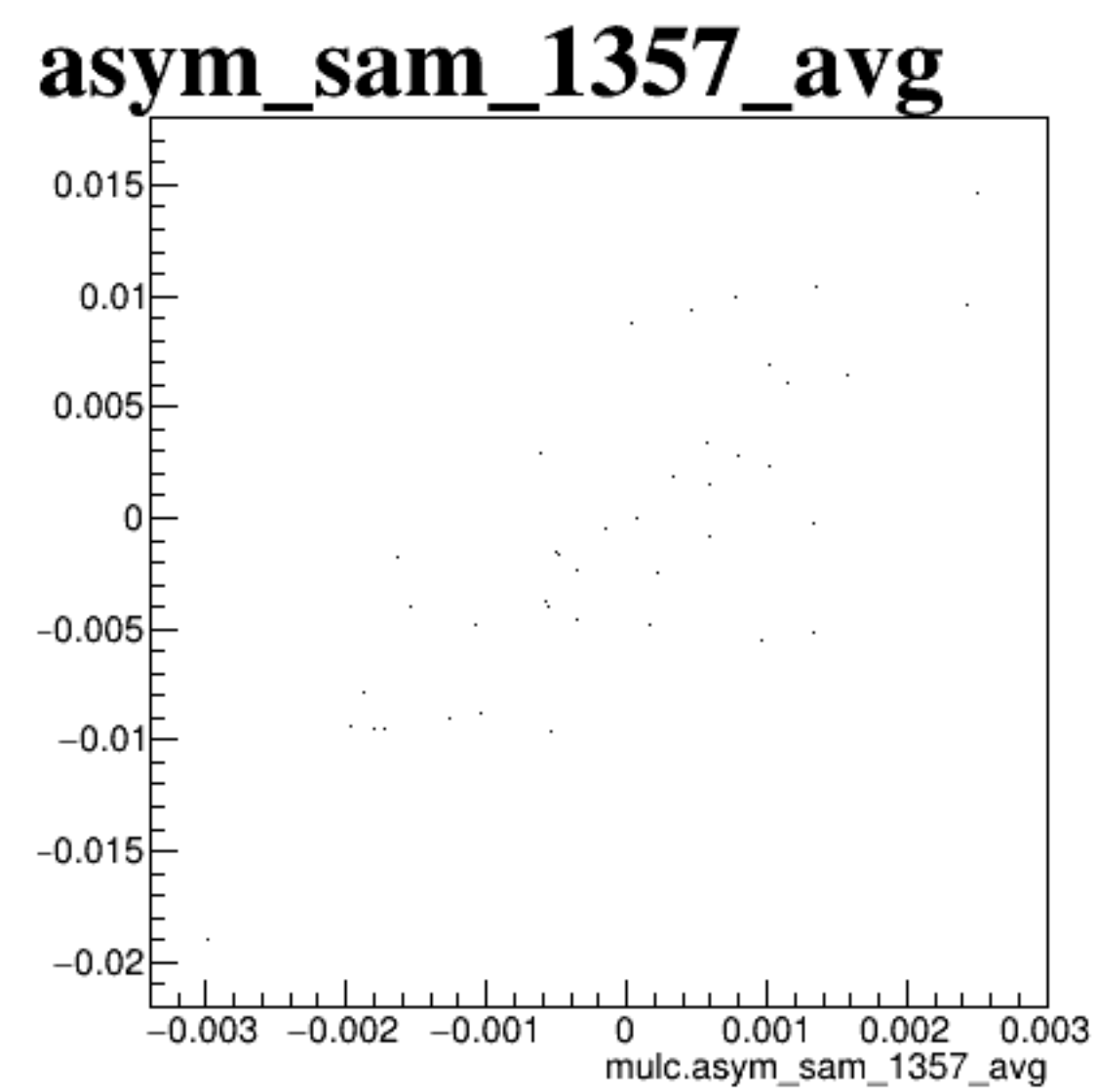
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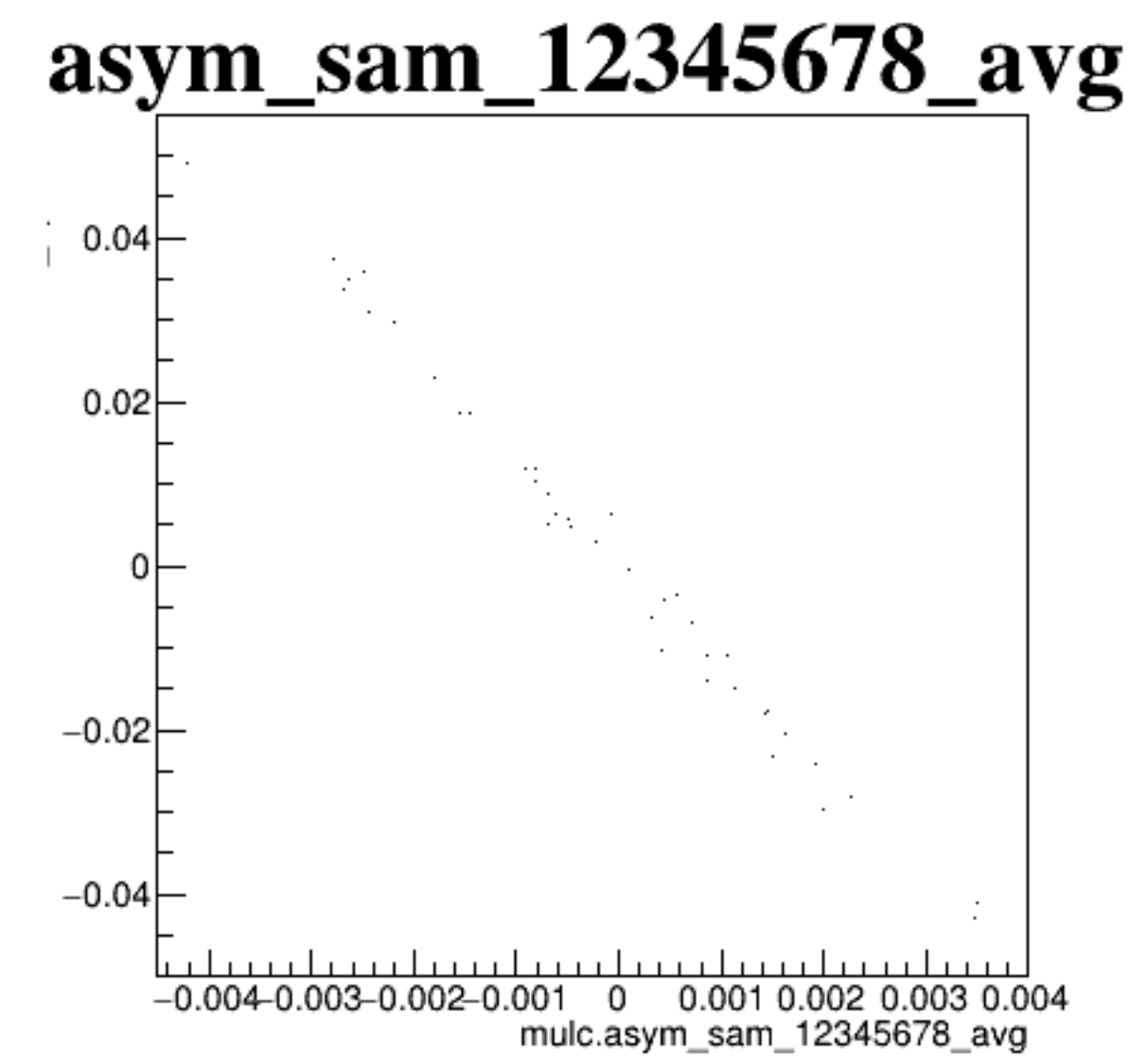
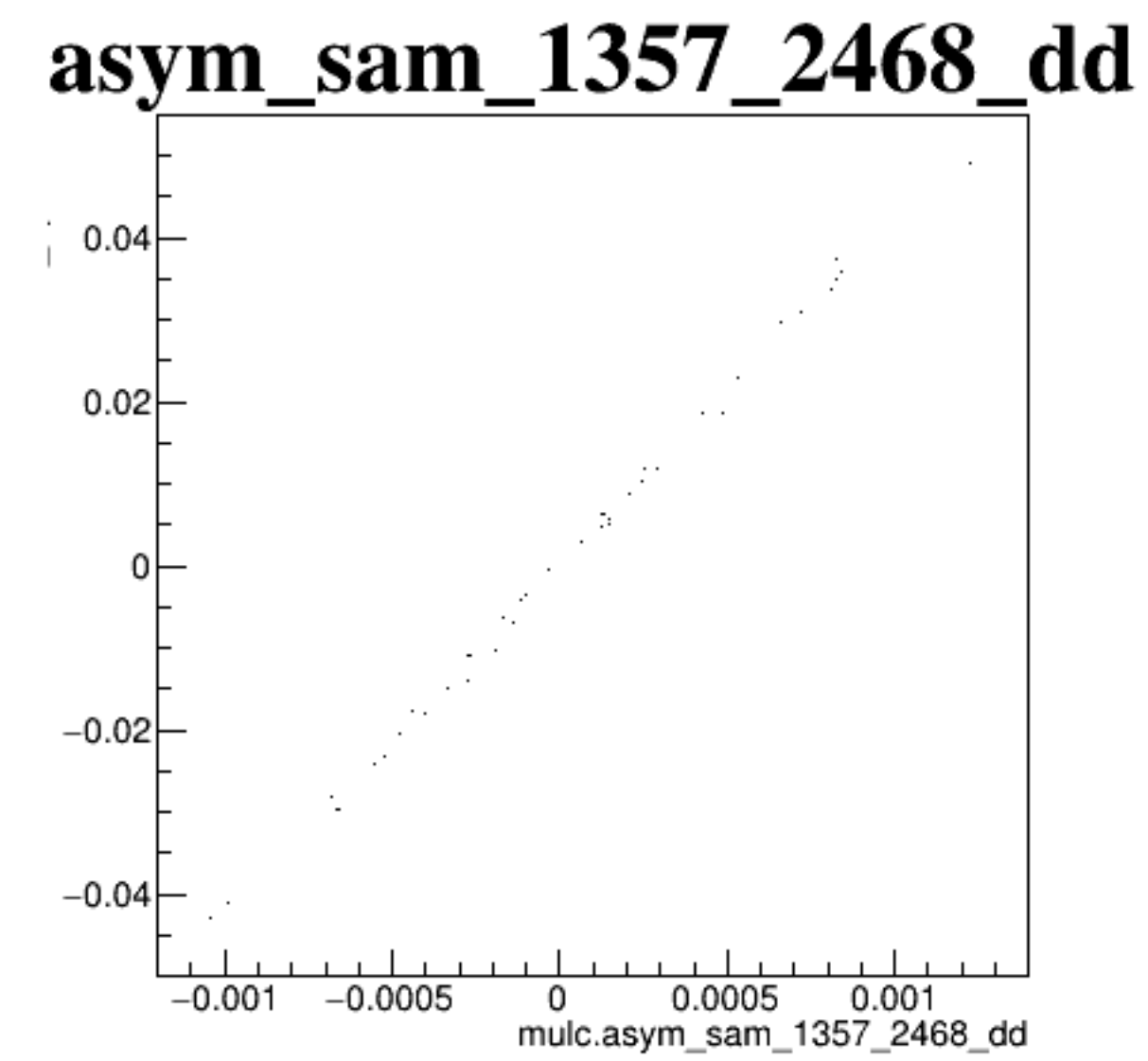
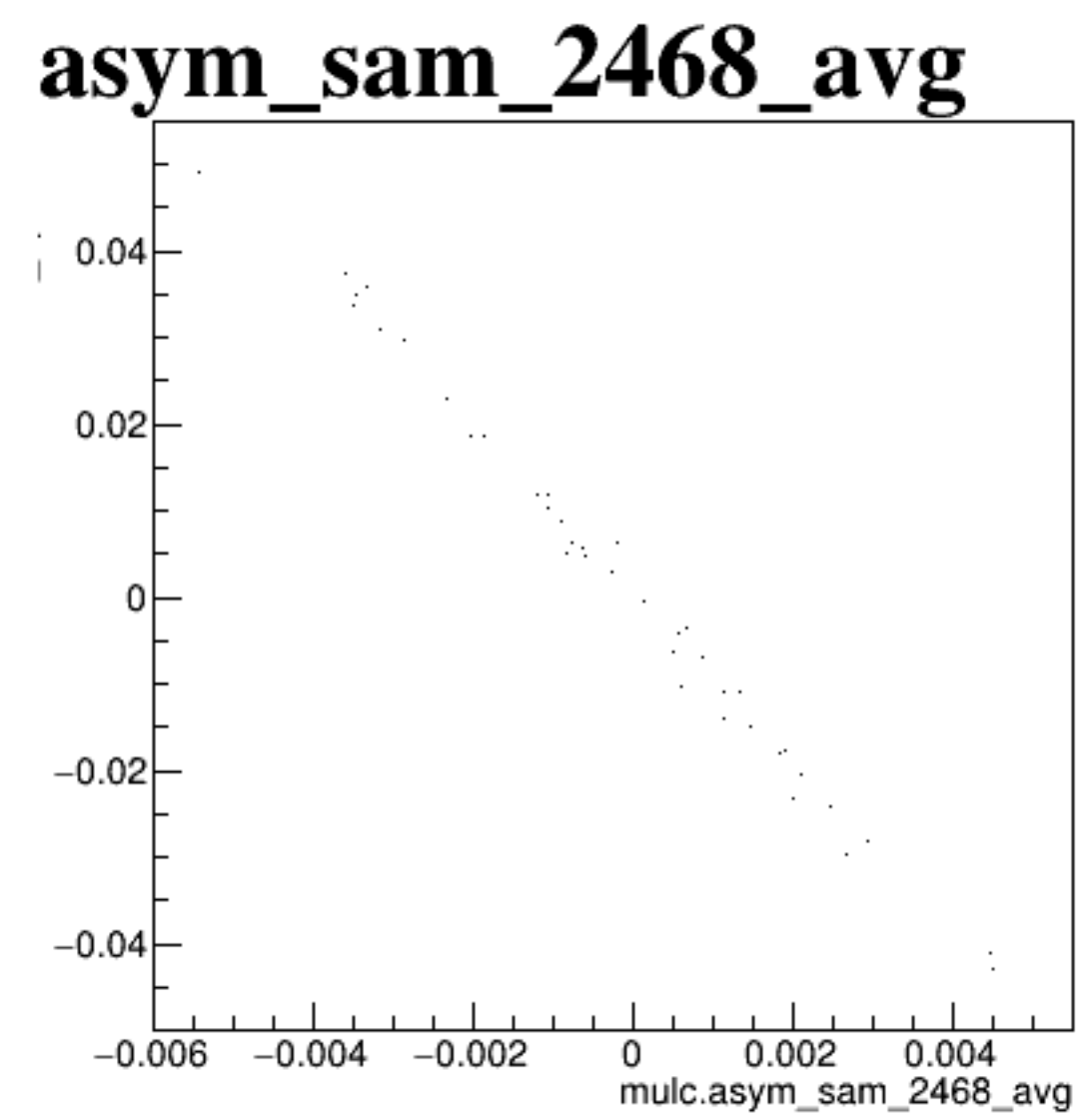
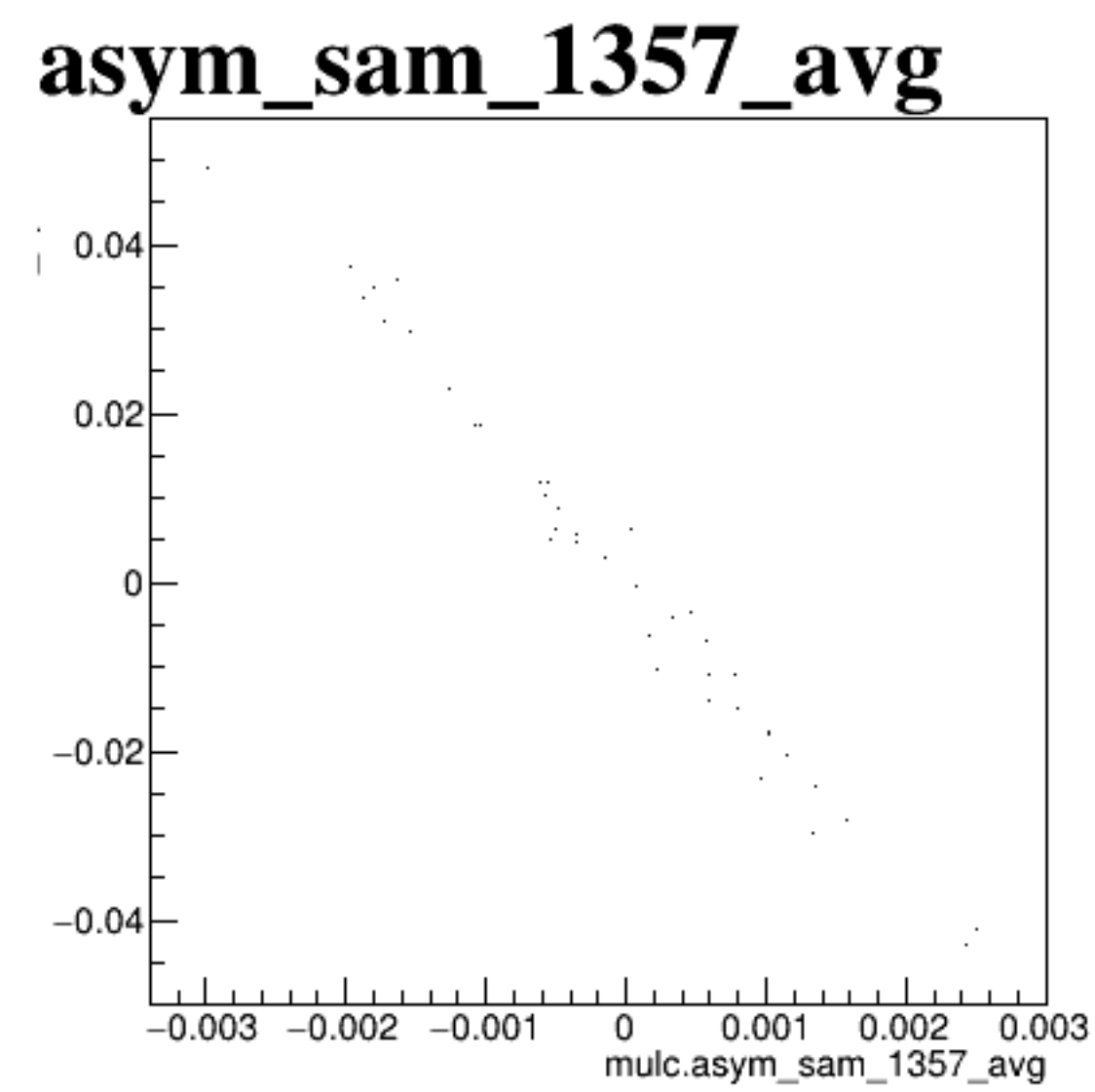
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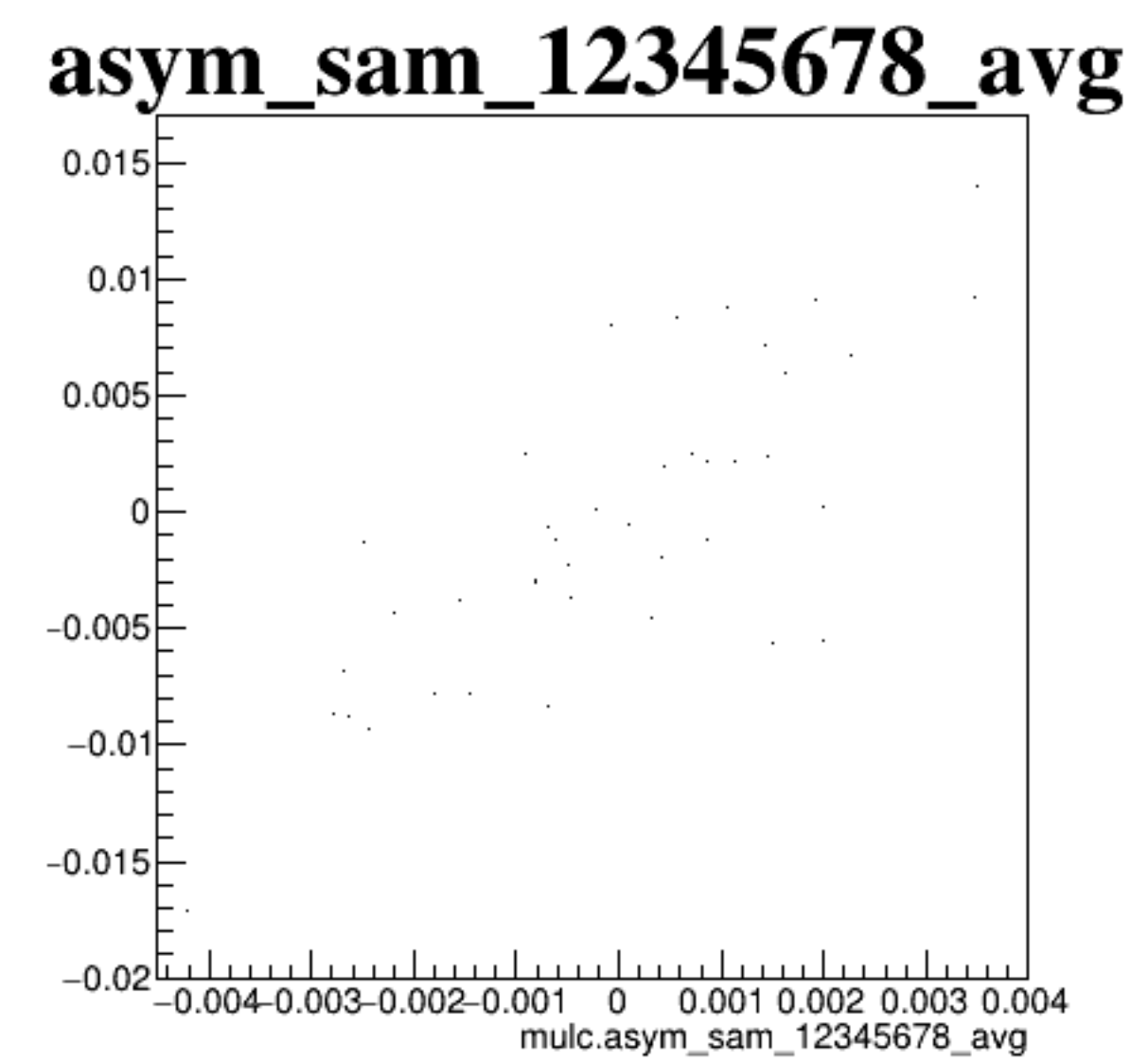
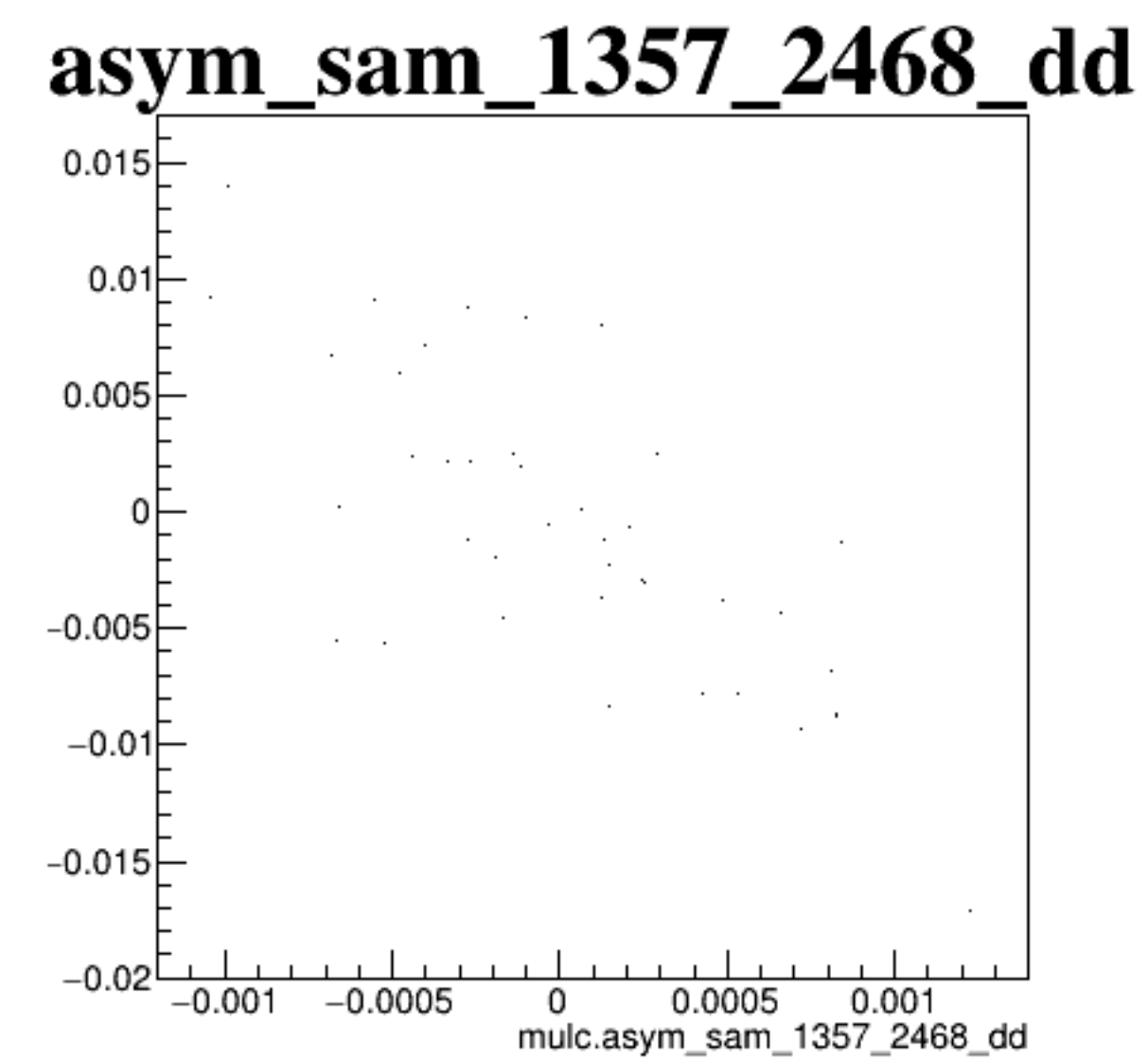
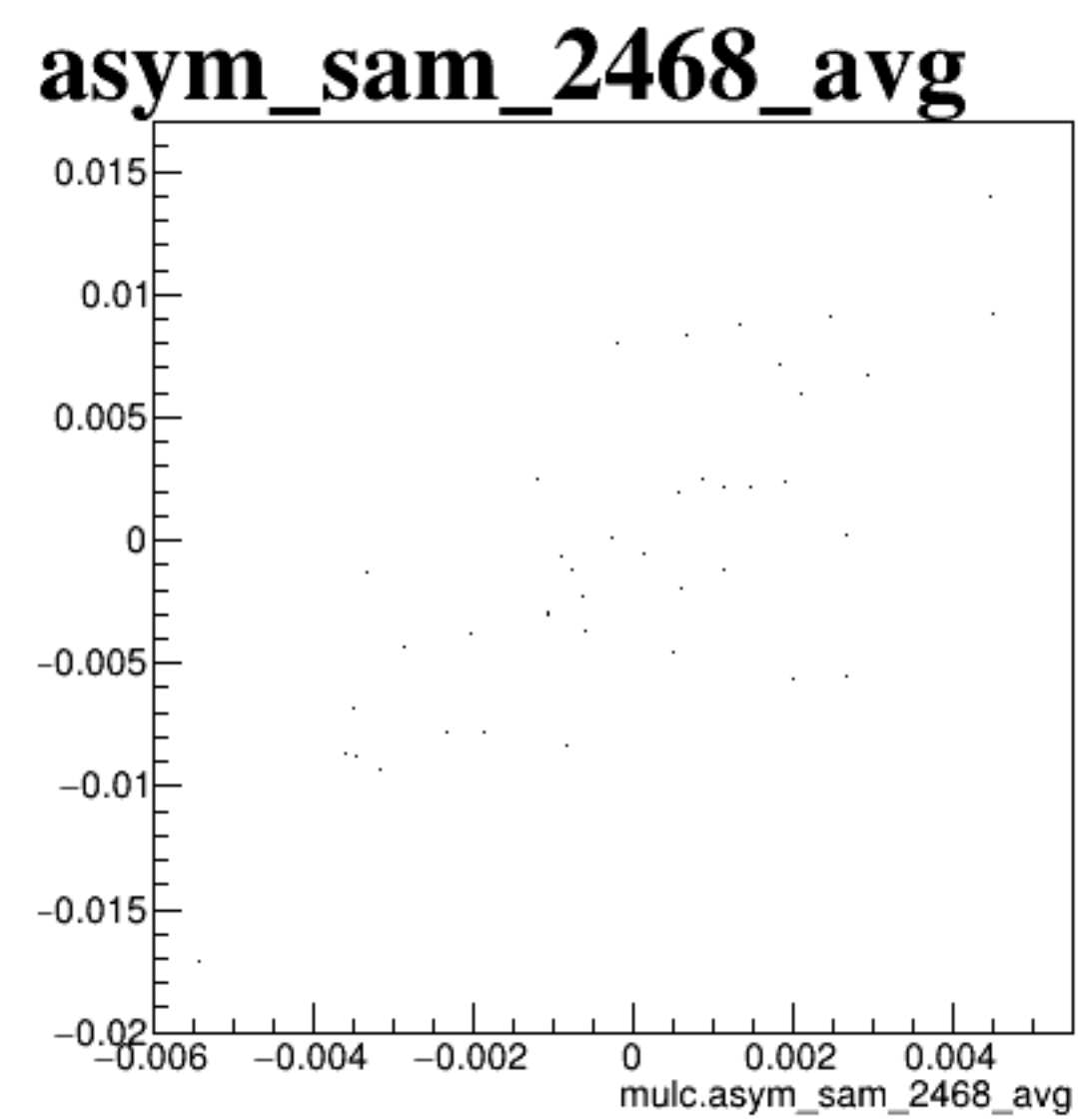
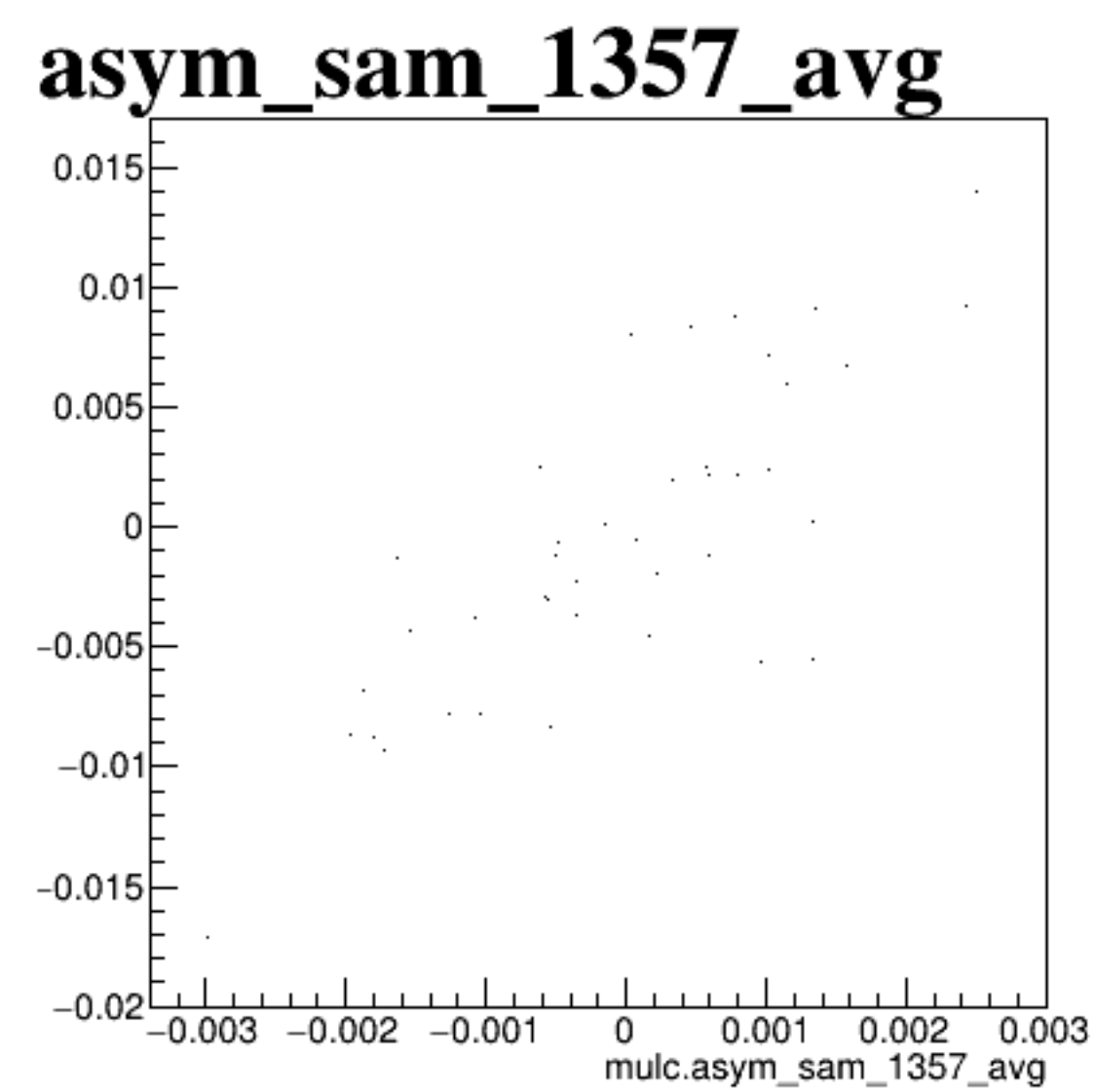
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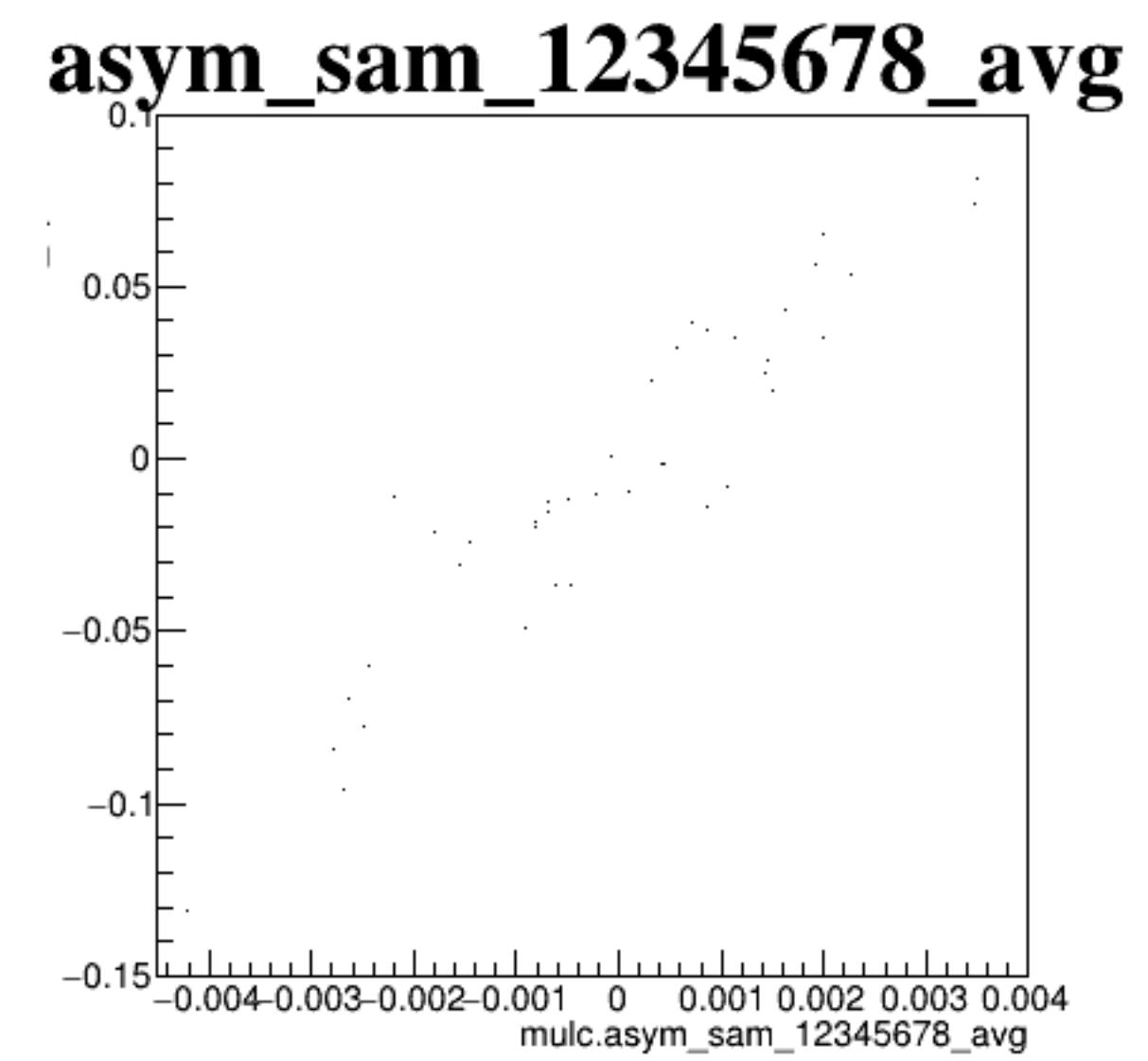
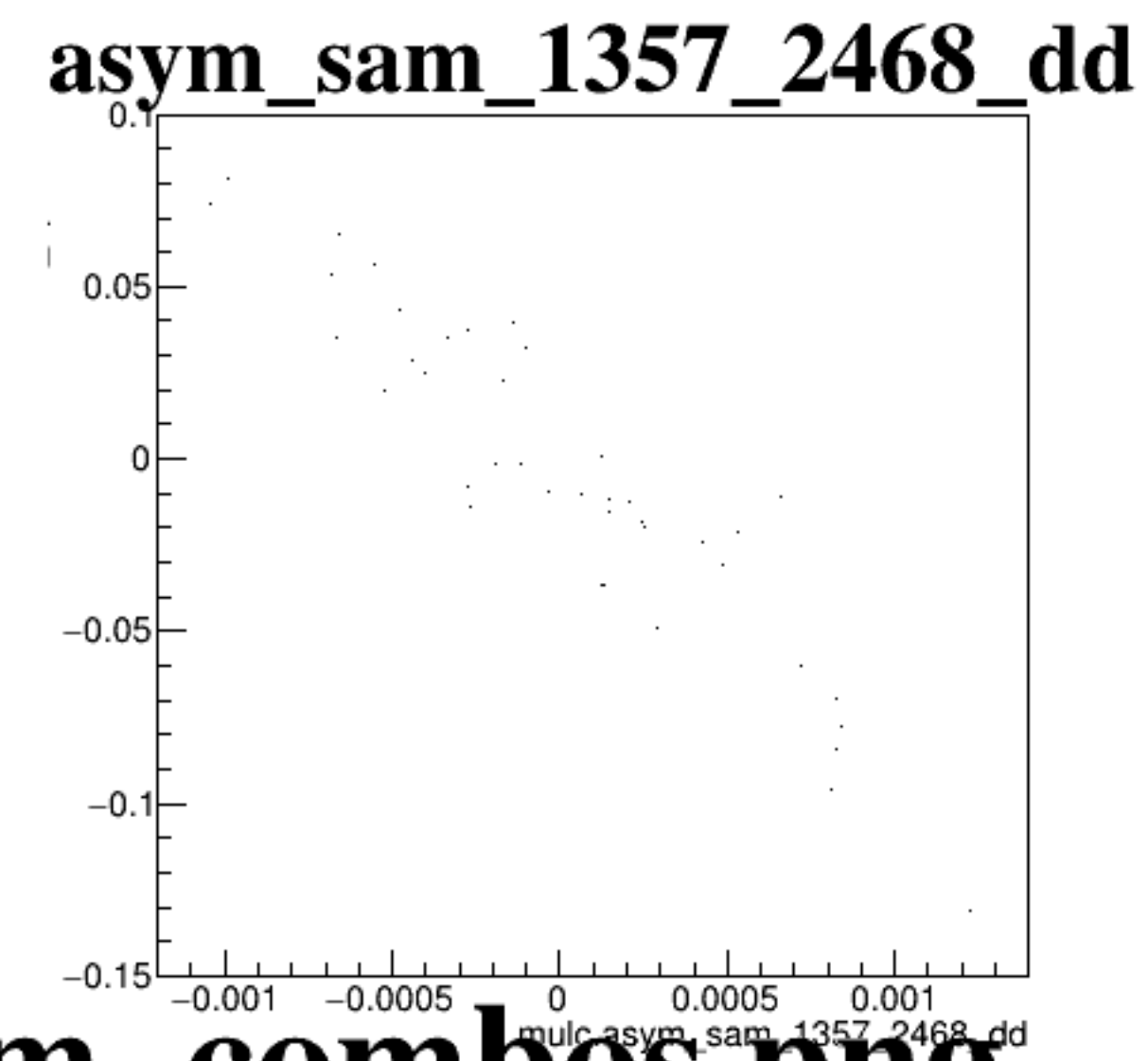
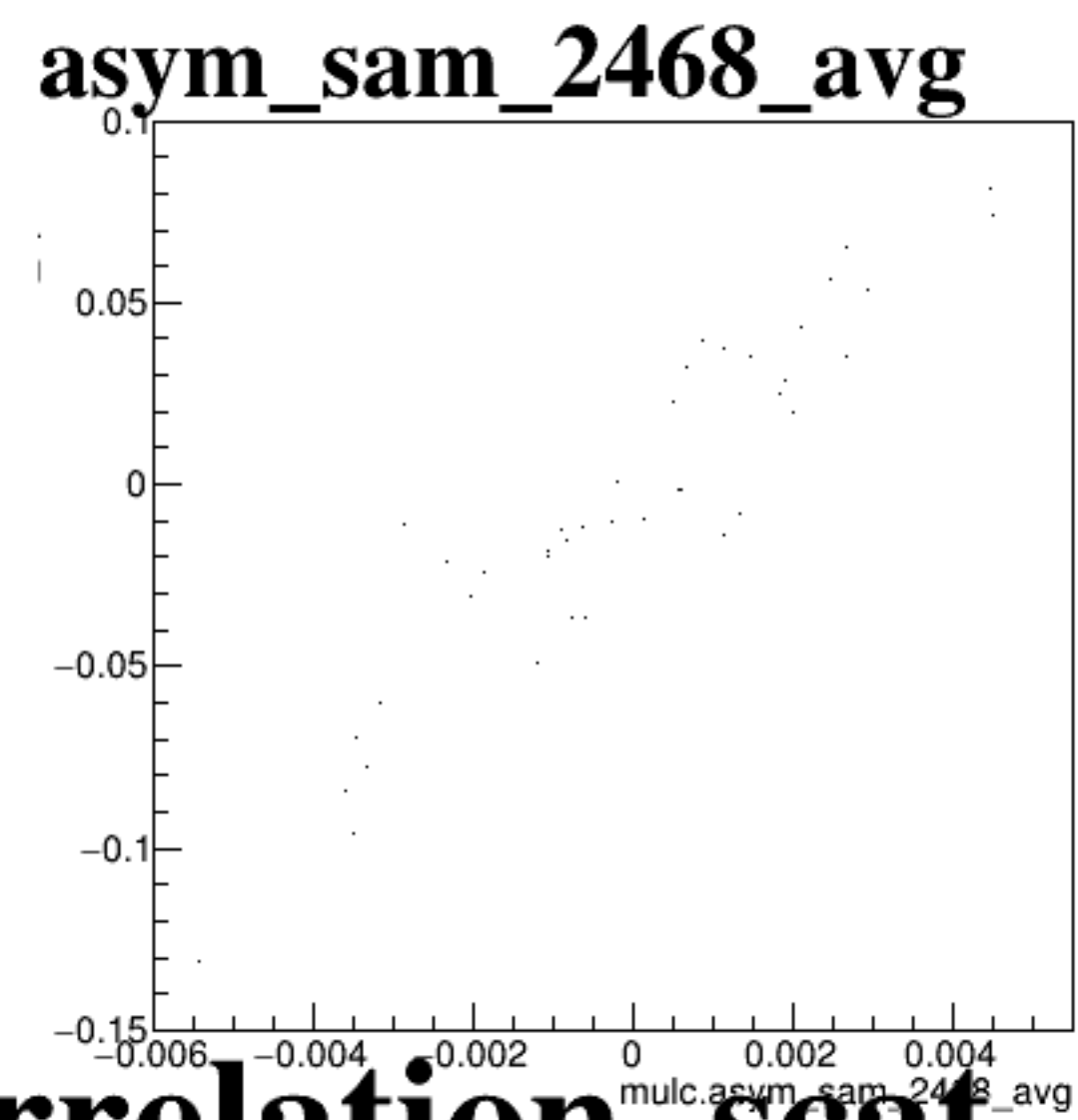
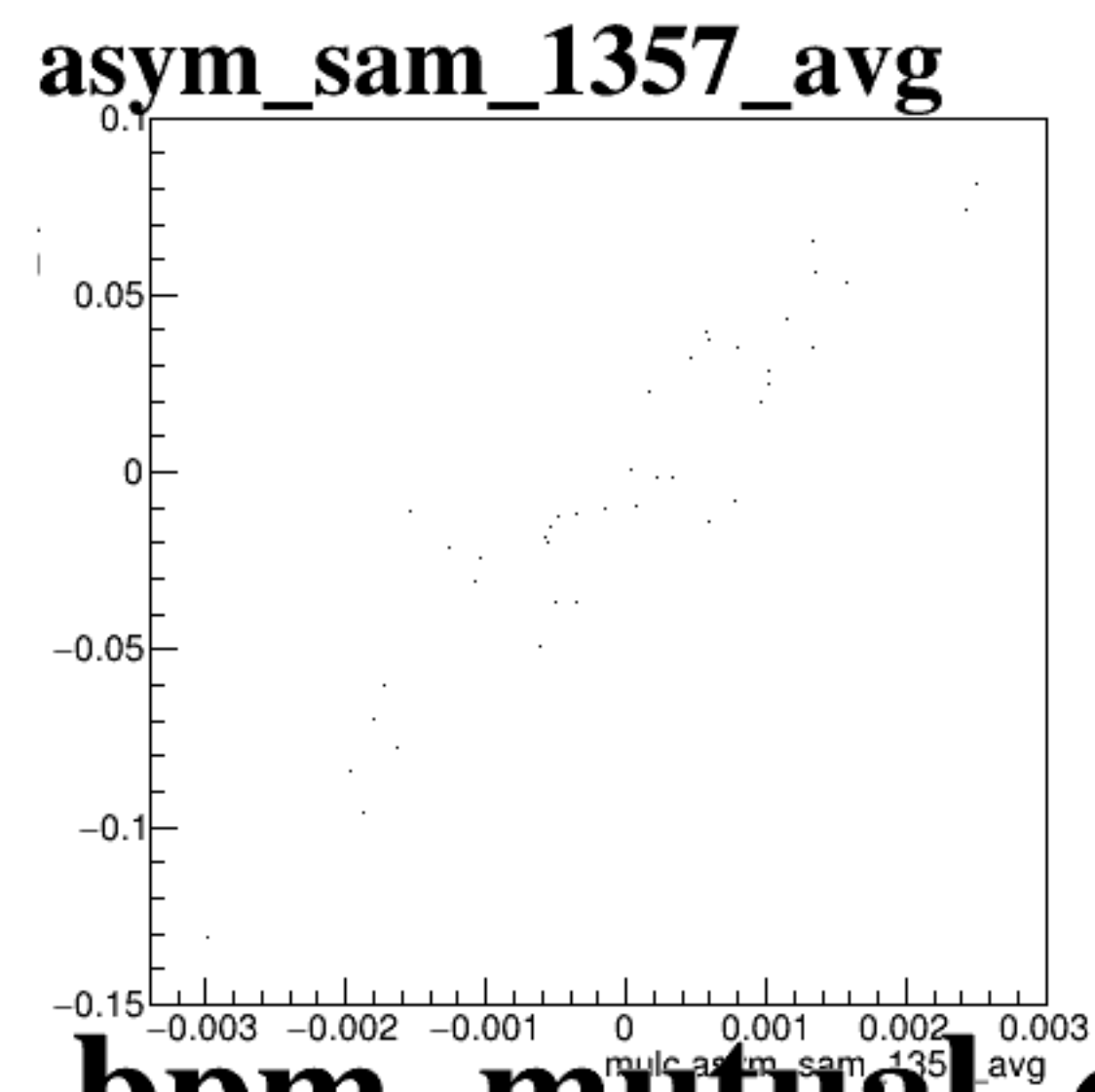
diff_bpm4eX



diff_bpm4eY



diff_bpm12X



run8321_001_diff_bpm_mutual_correlation_scat_sam_combos.png