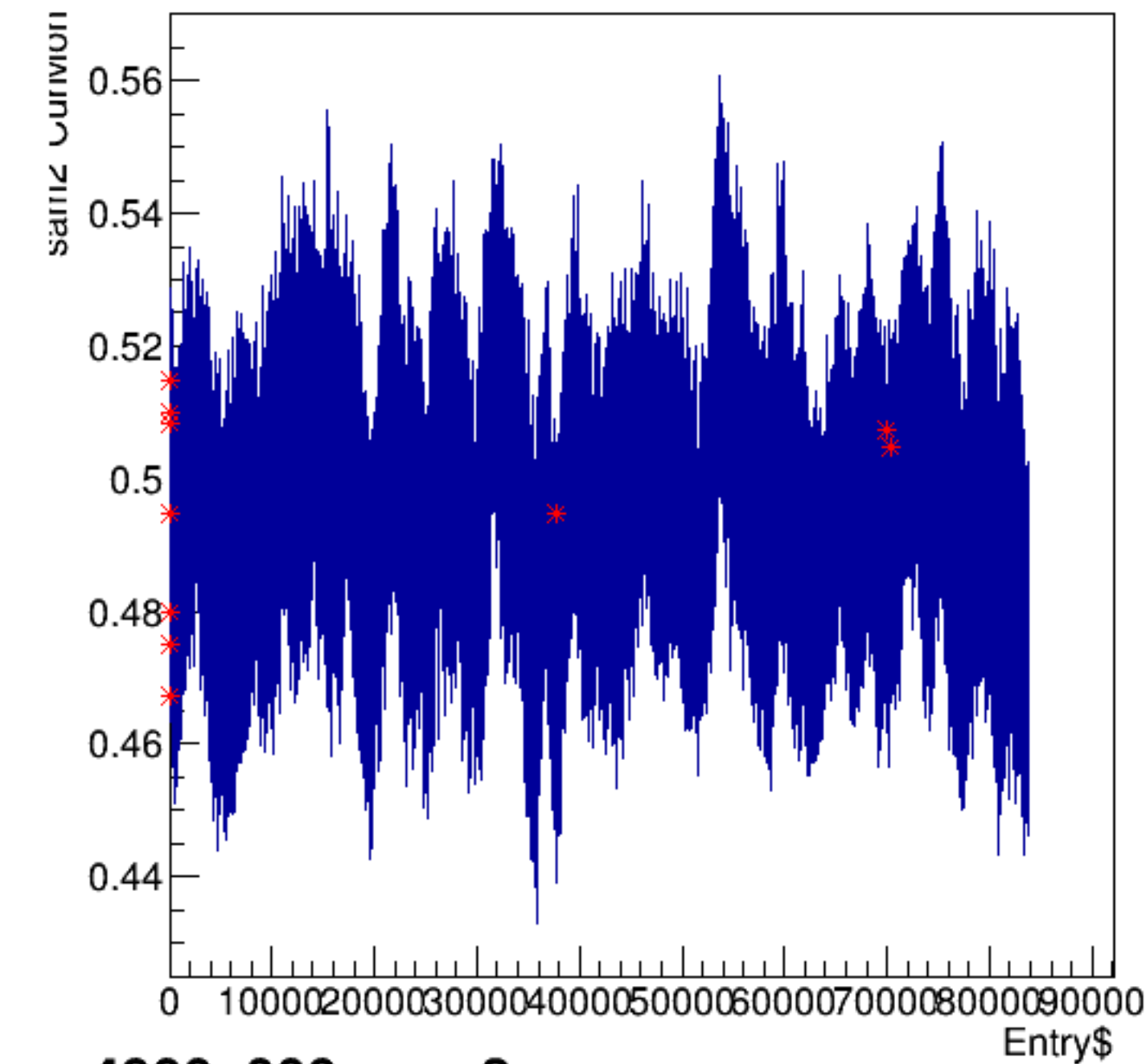
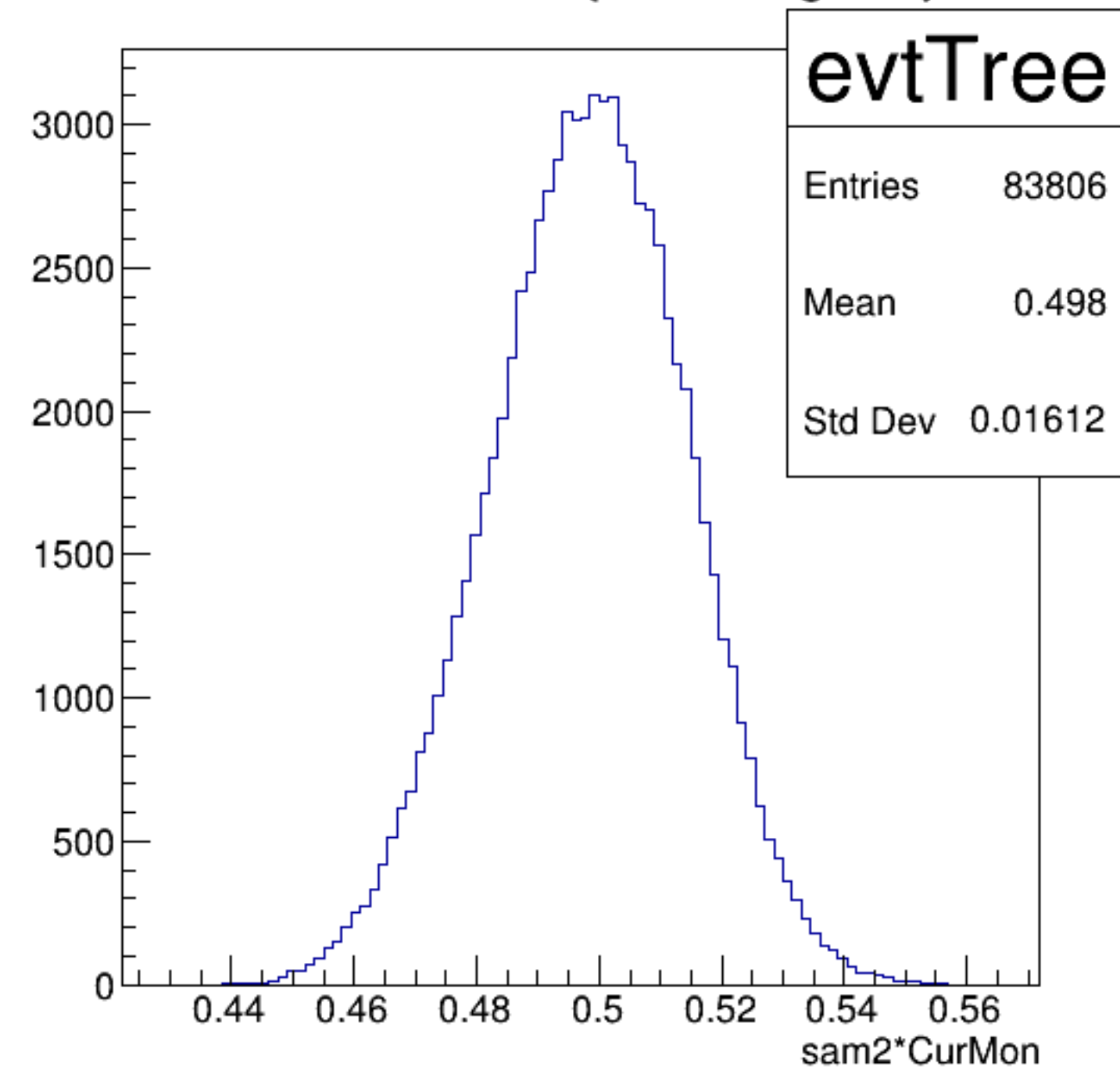


sam2*CurMon:Entry\$

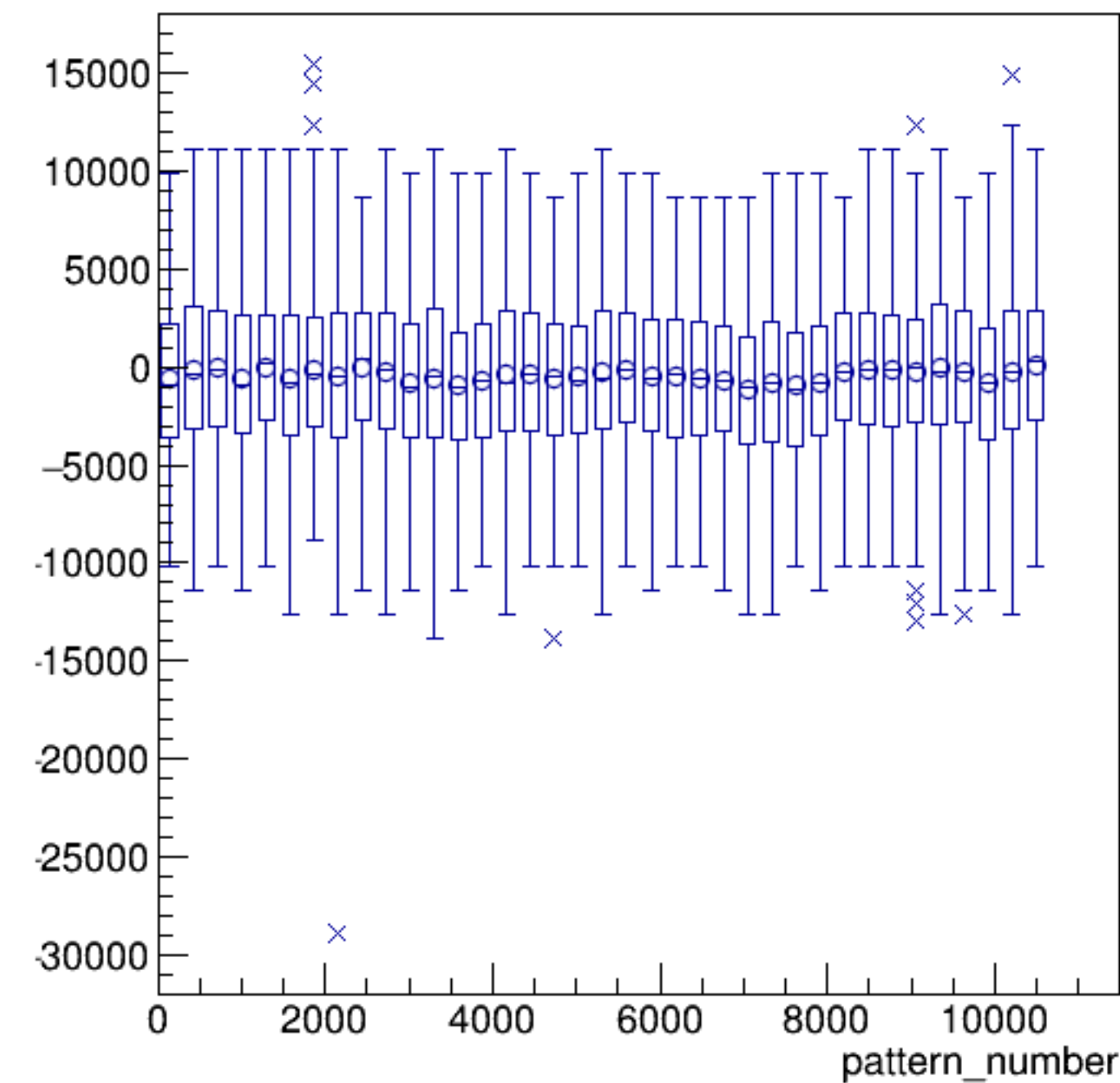


run4900_000_sam2.png

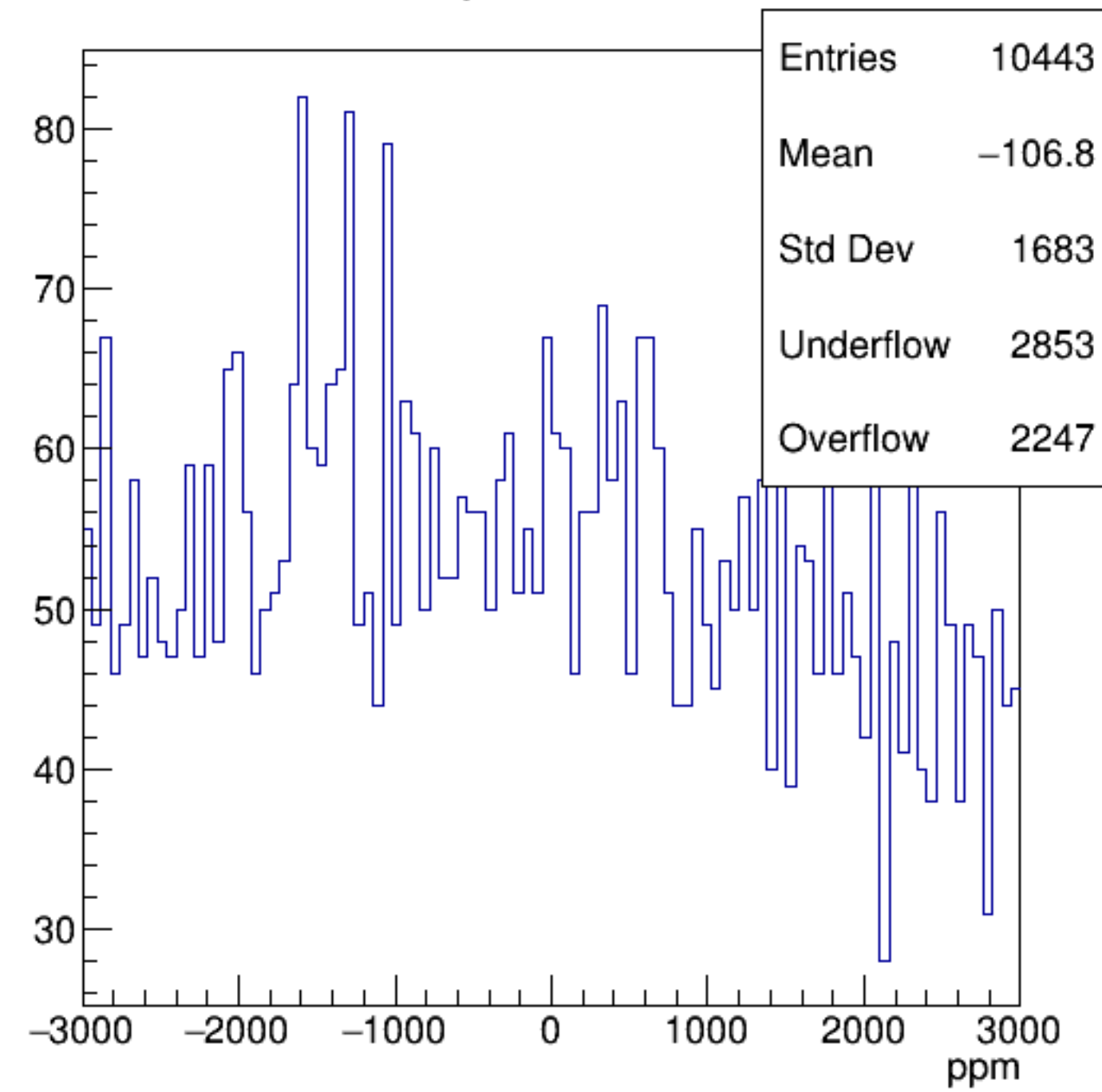
sam2*CurMon {ErrorFlag==0}



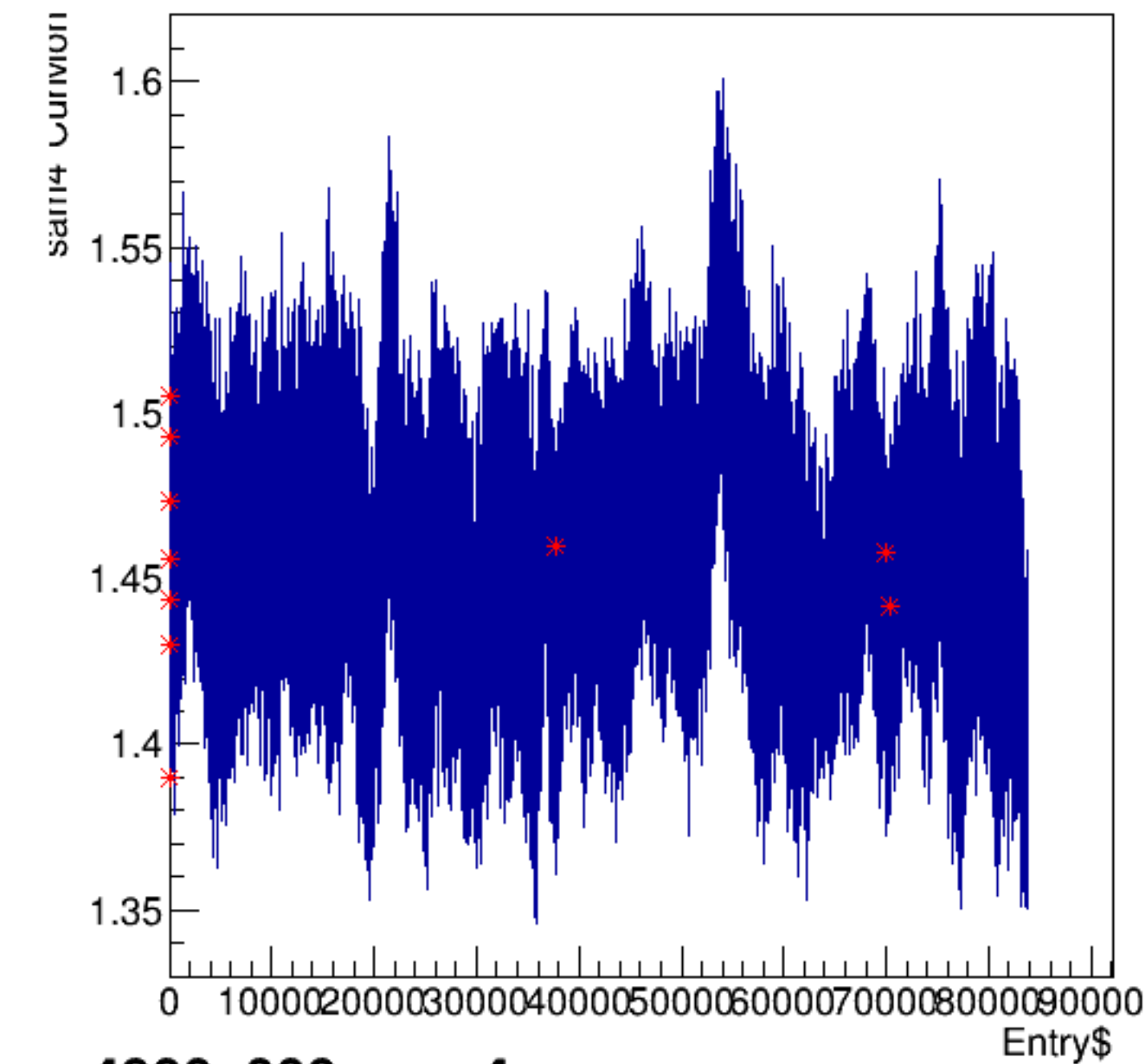
asym_sam2/ppm:pattern_number {ErrorFlag==0}



asym_sam2

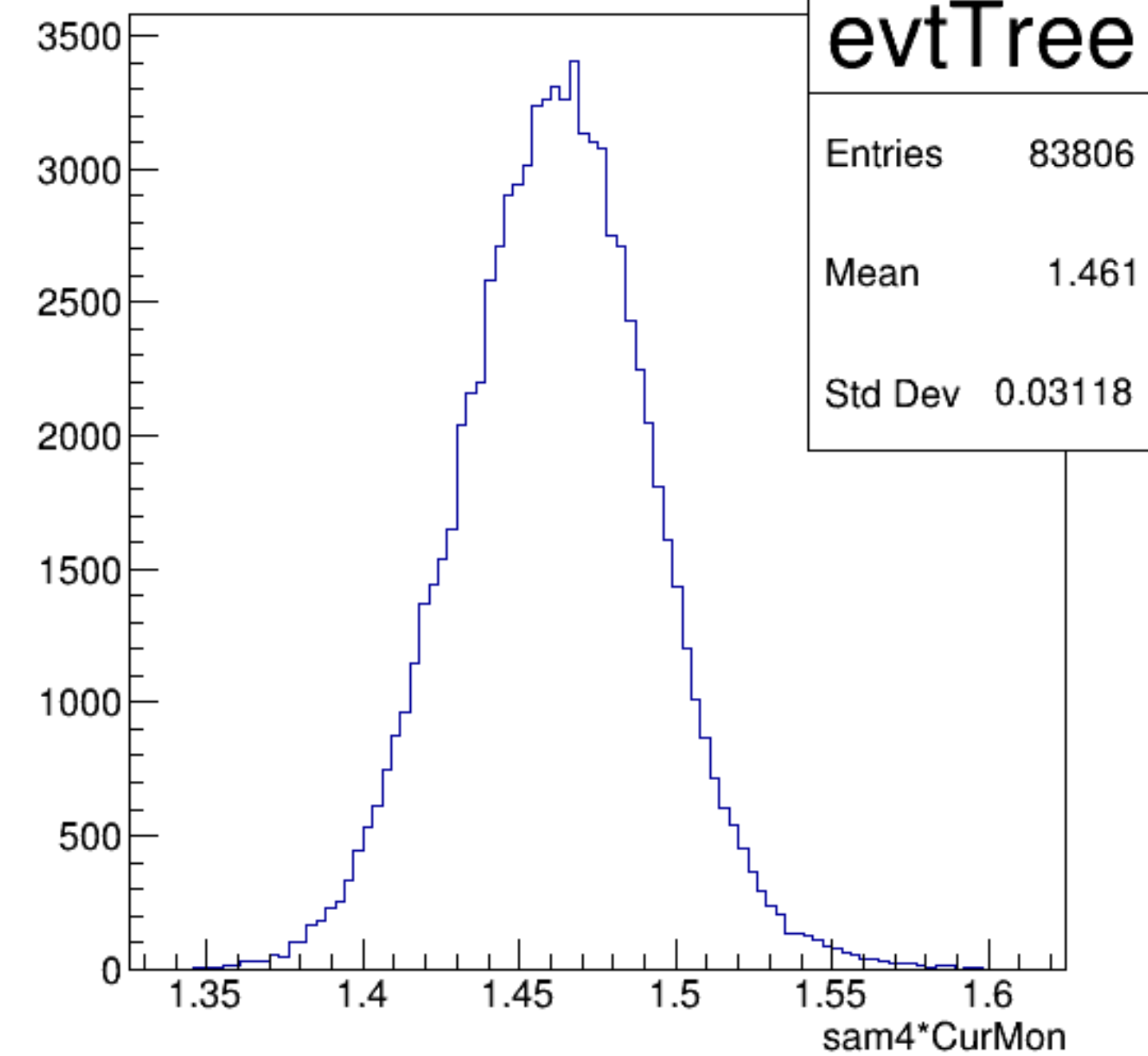


sam4*CurMon:Entry\$

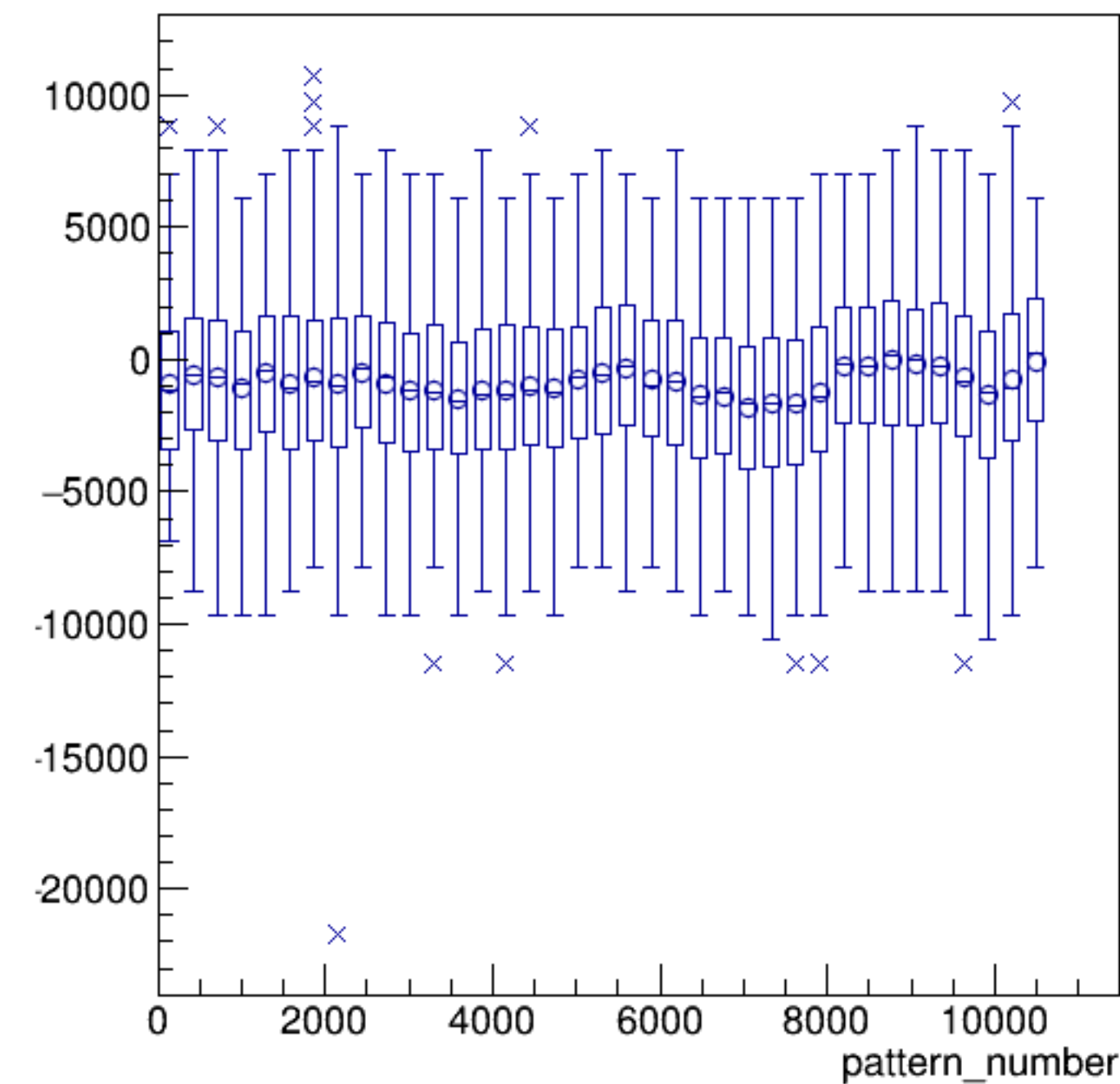


run4900_000_sam4.png

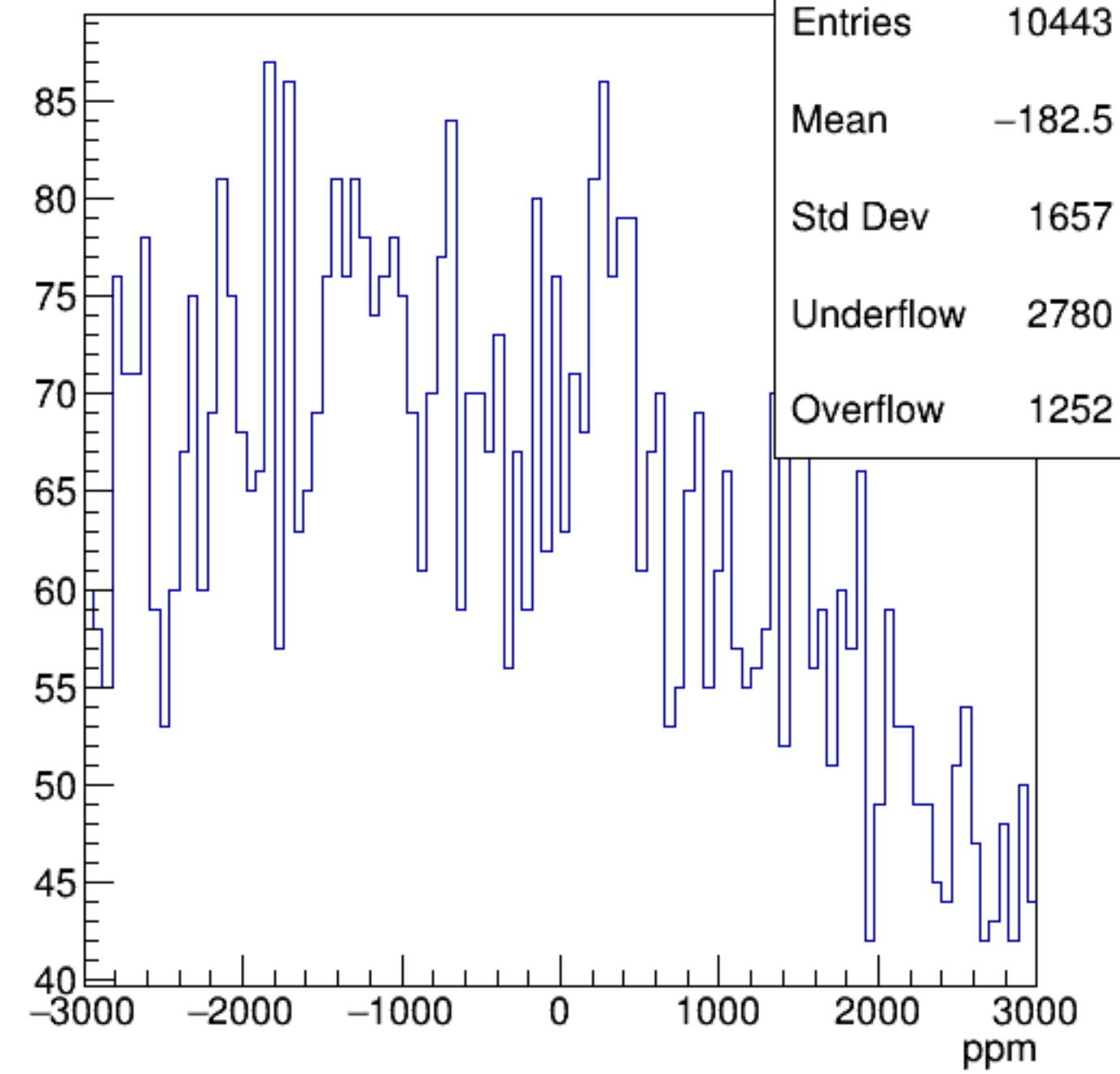
sam4*CurMon {ErrorFlag==0}



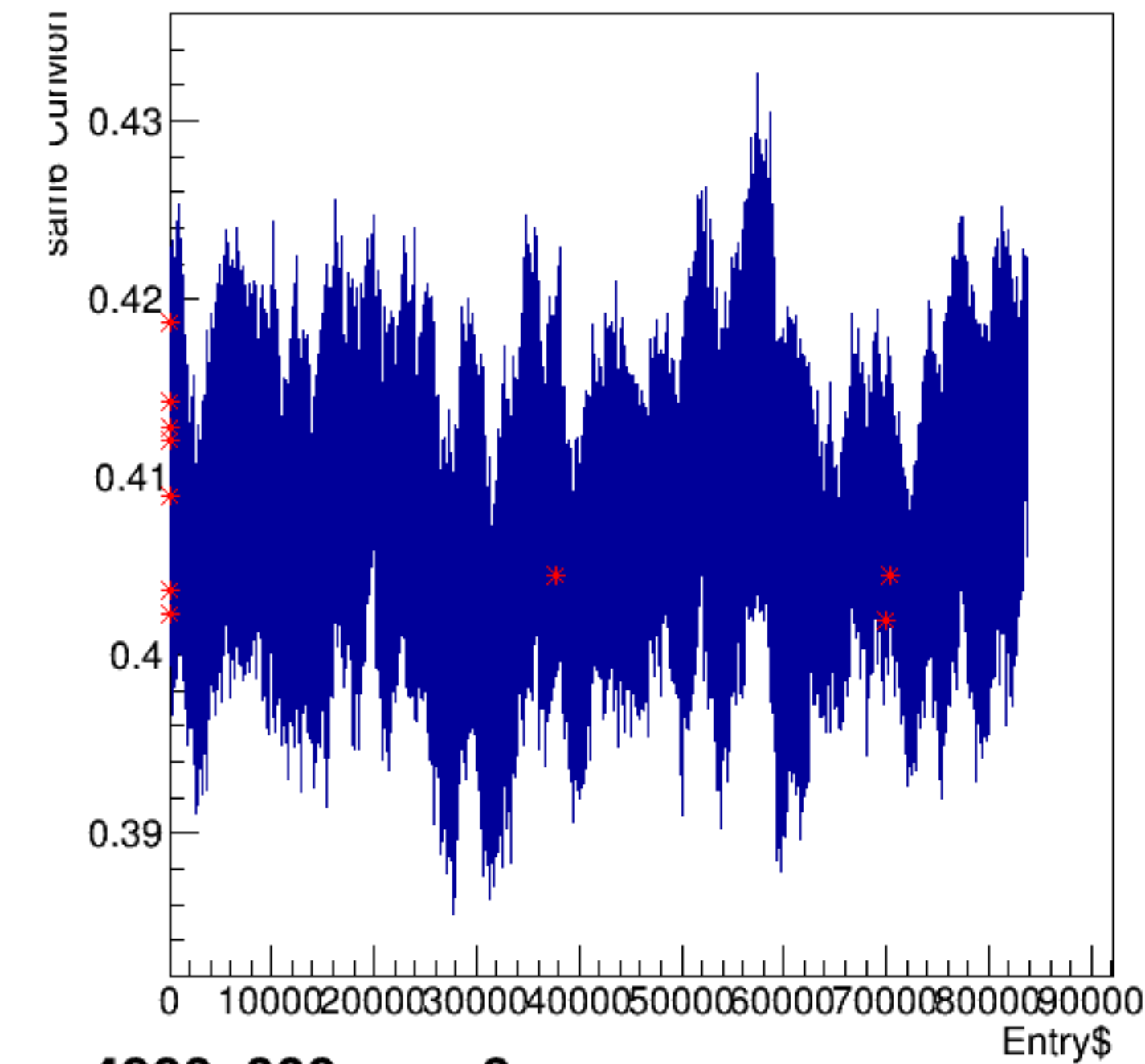
asym_sam4/ppm:pattern_number {ErrorFlag==0}



asym_sam4

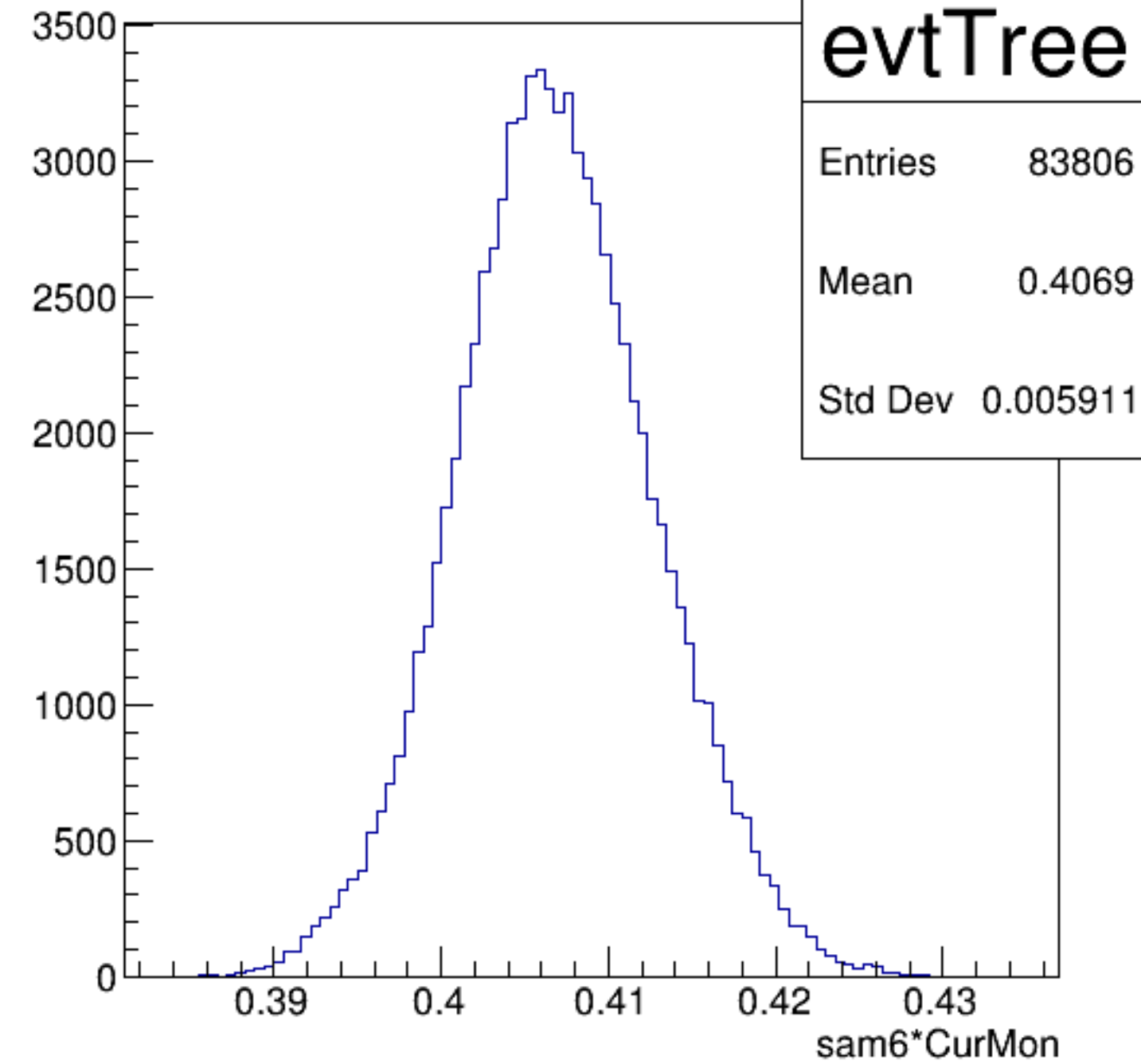


sam6*CurMon:Entry\$

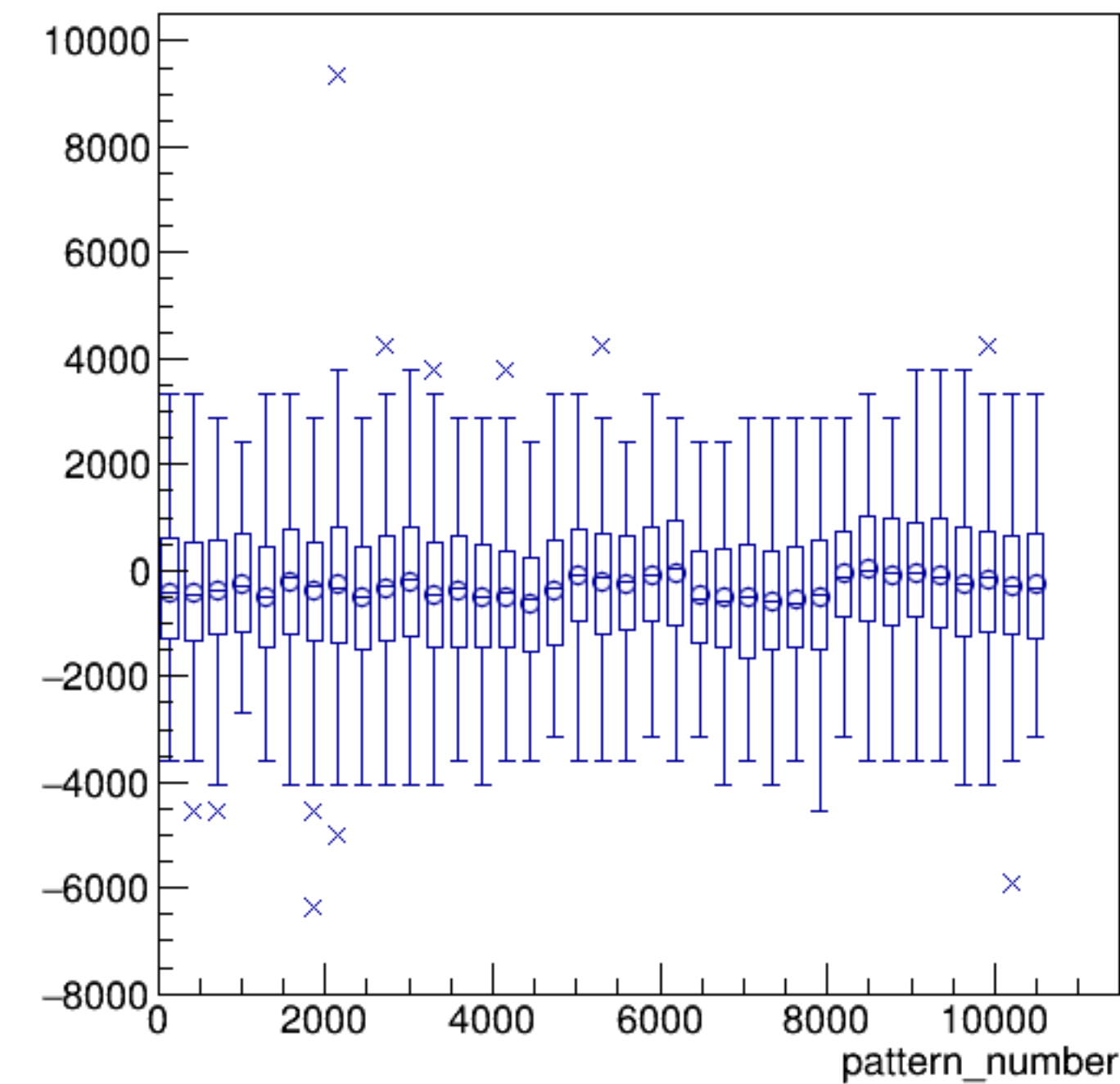


run4900_000_sam6.png

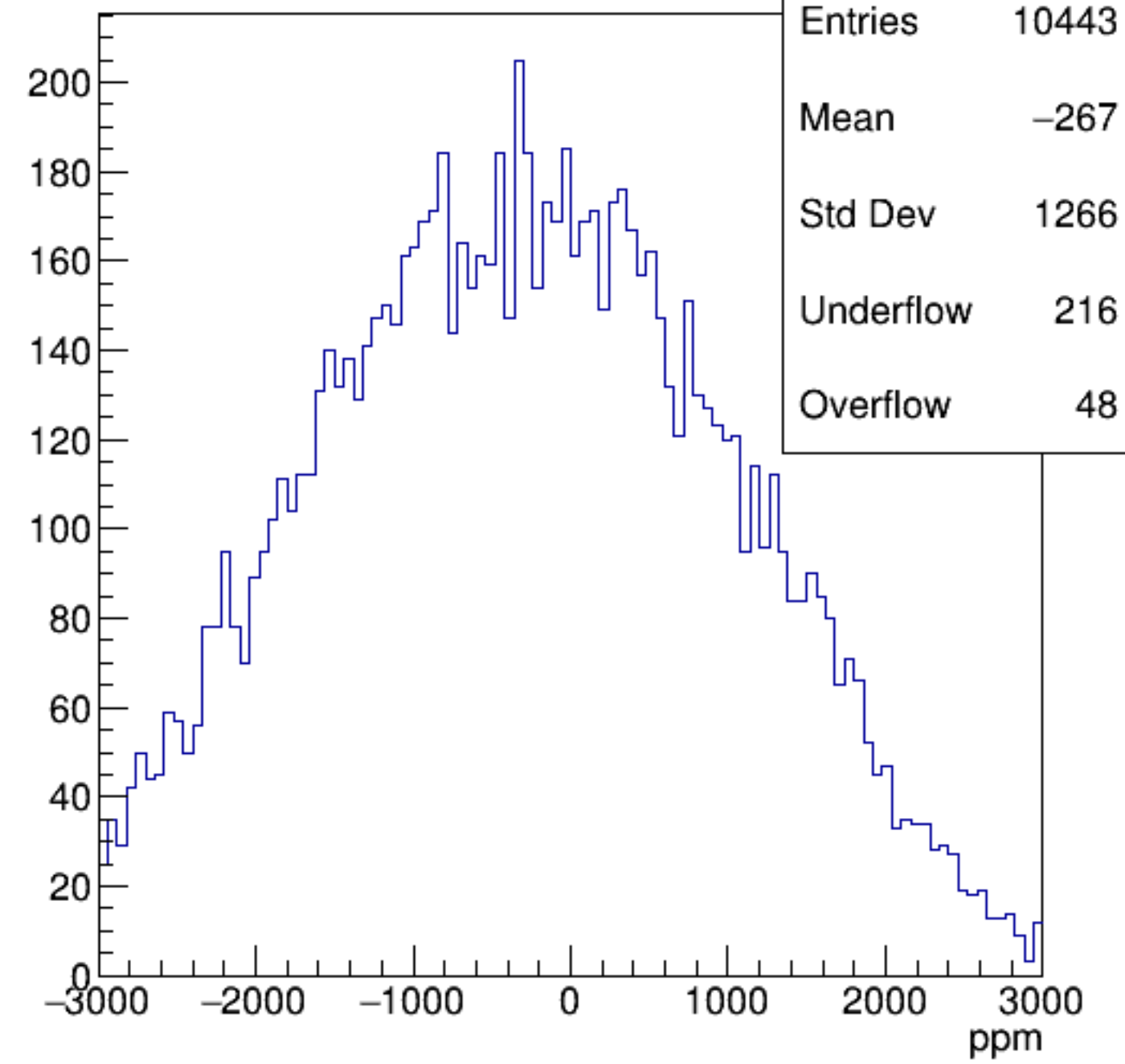
sam6*CurMon {ErrorFlag==0}



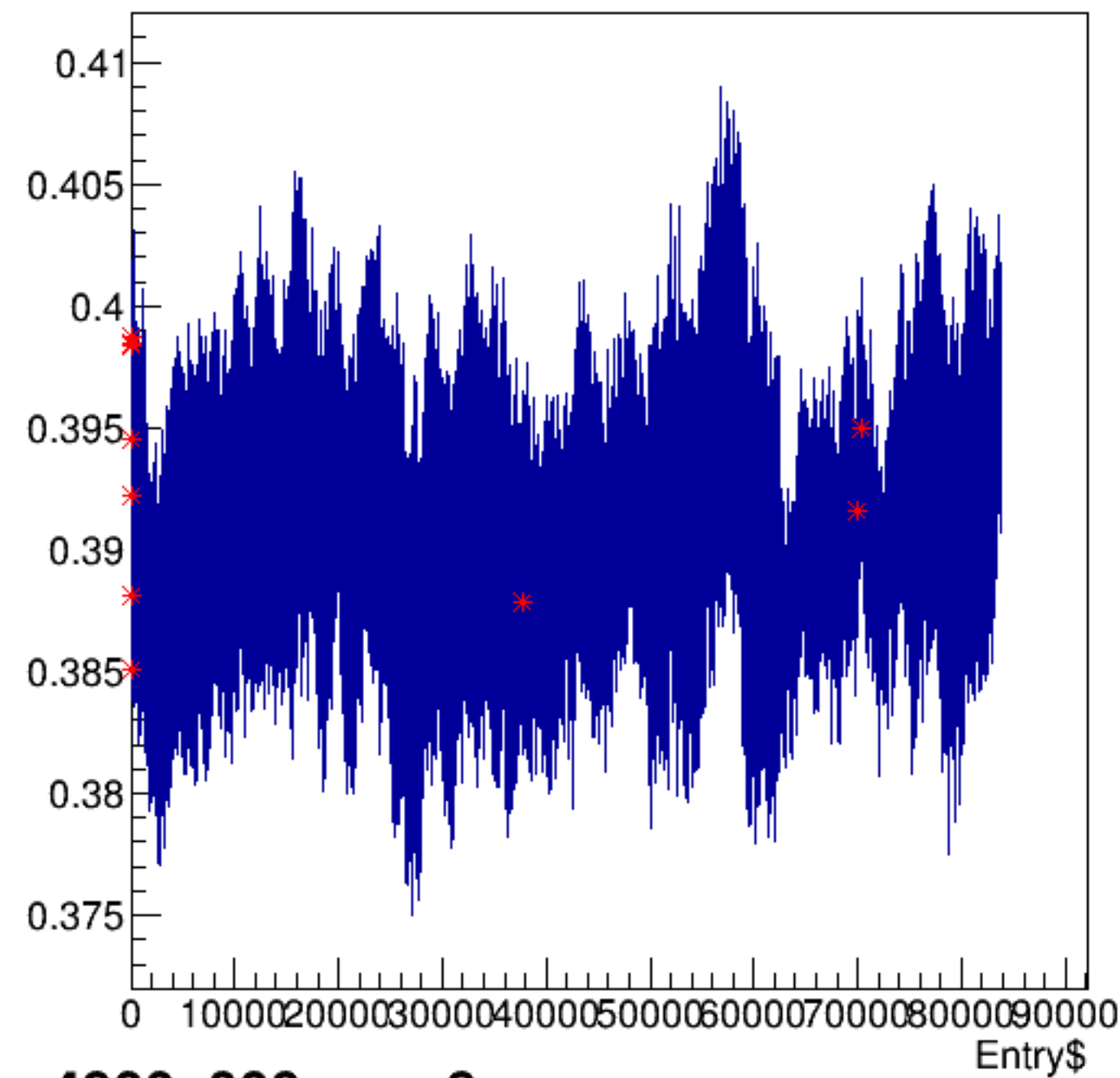
asym_sam6/ppm:pattern_number {ErrorFlag==0}



asym_sam6

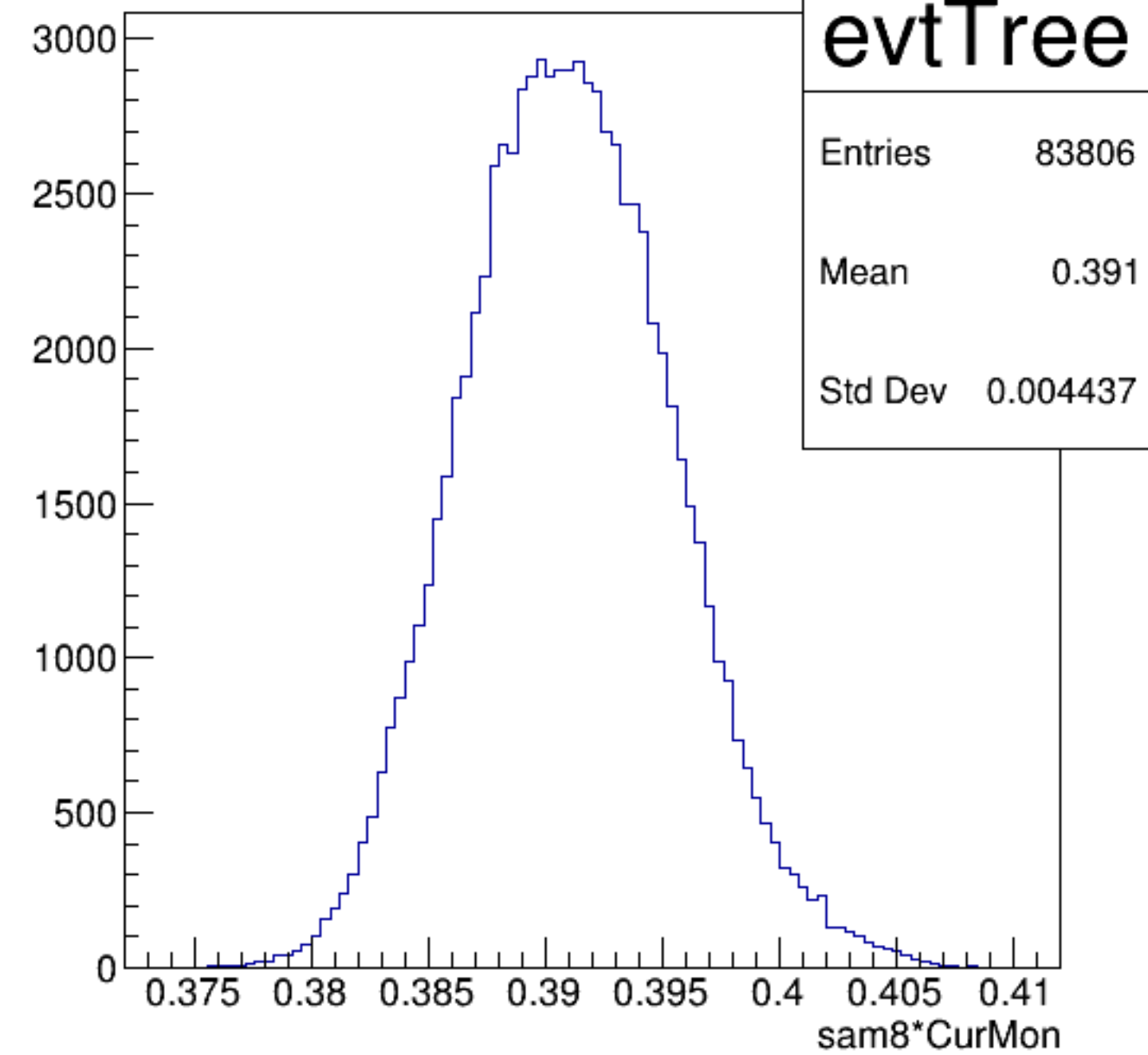


sam8*CurMon:Entry\$

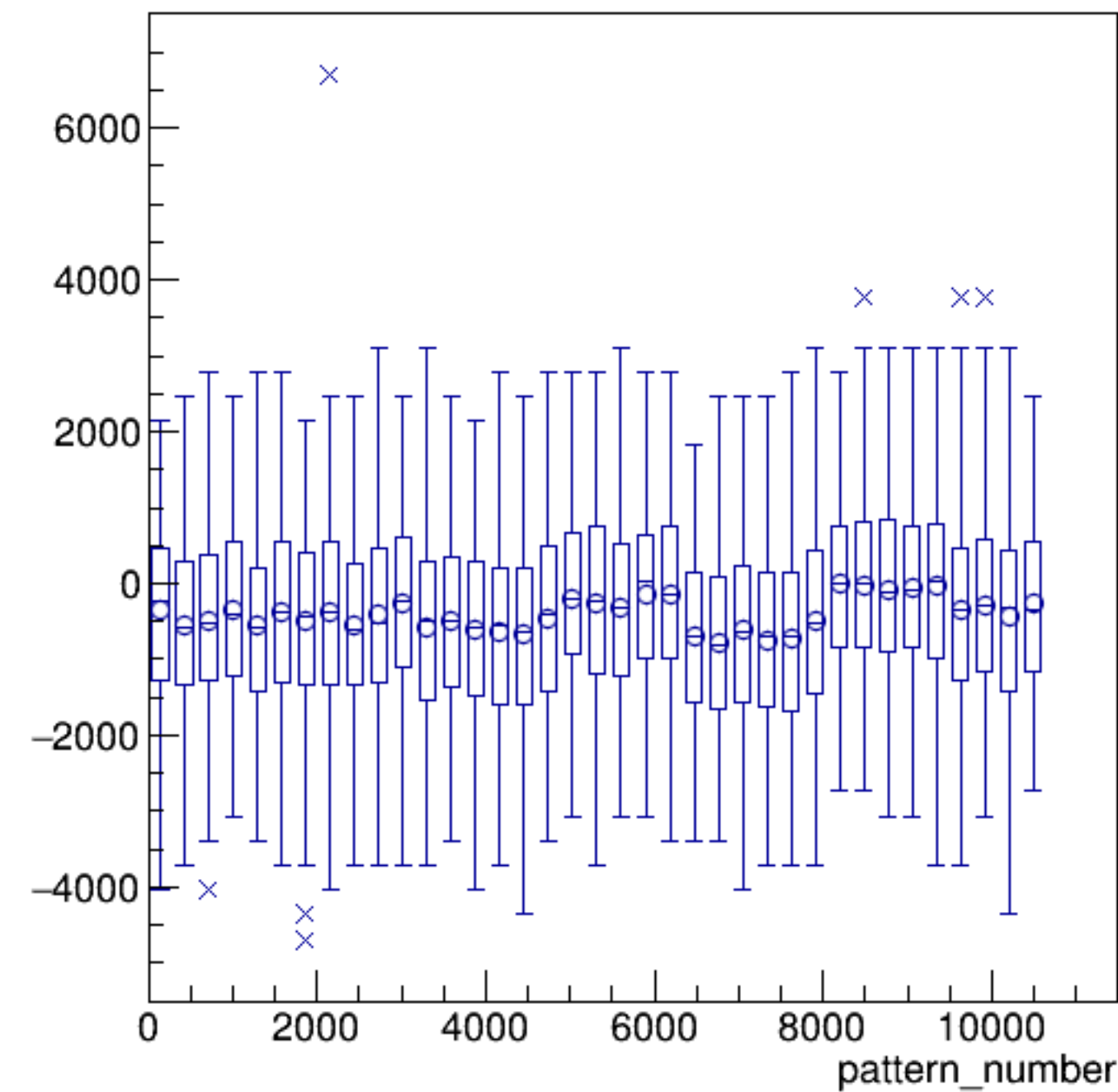


run4900_000_sam8.png

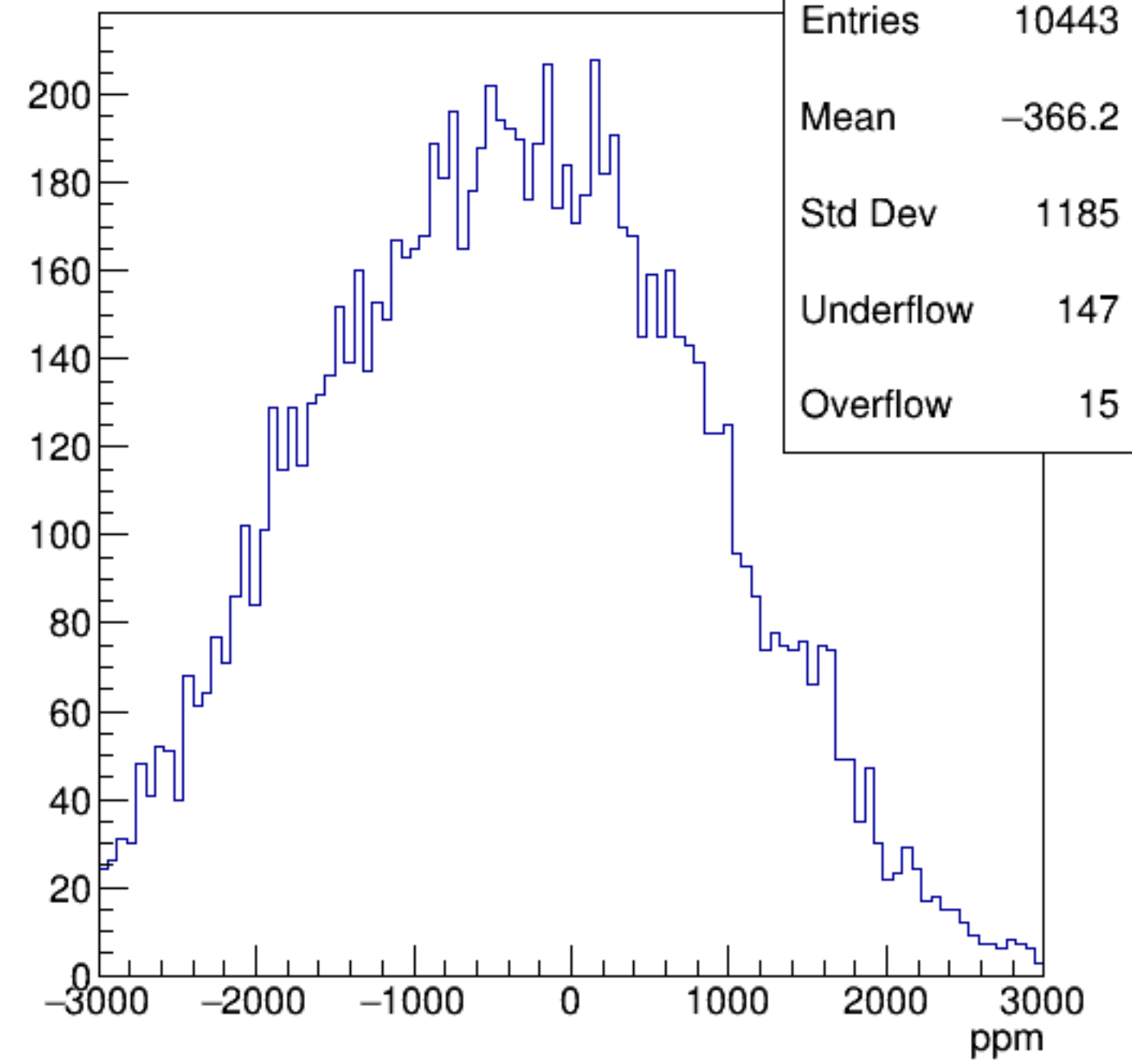
sam8*CurMon {ErrorFlag==0}



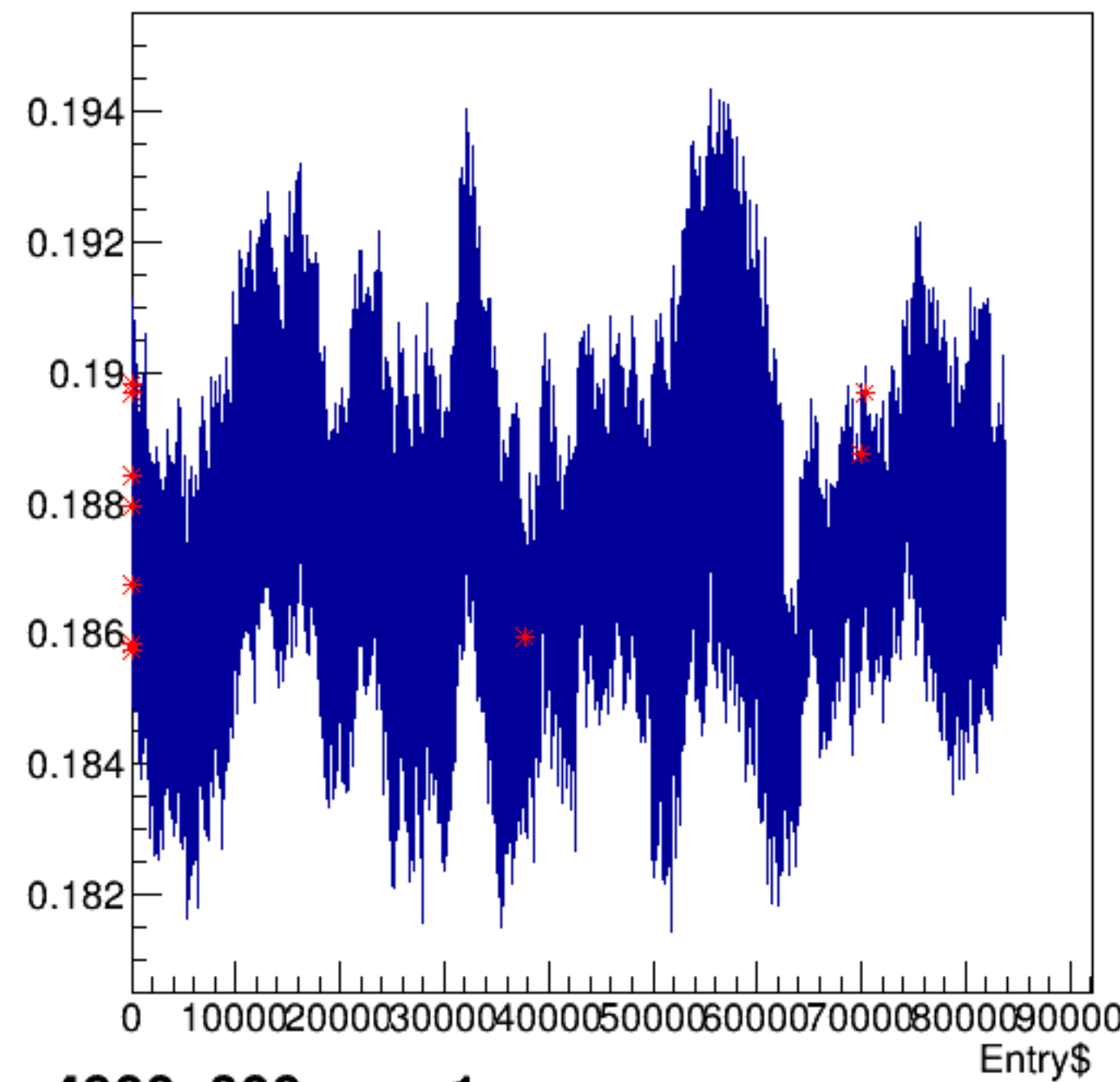
asym_sam8/ppm:pattern_number {ErrorFlag==0}



asym_sam8

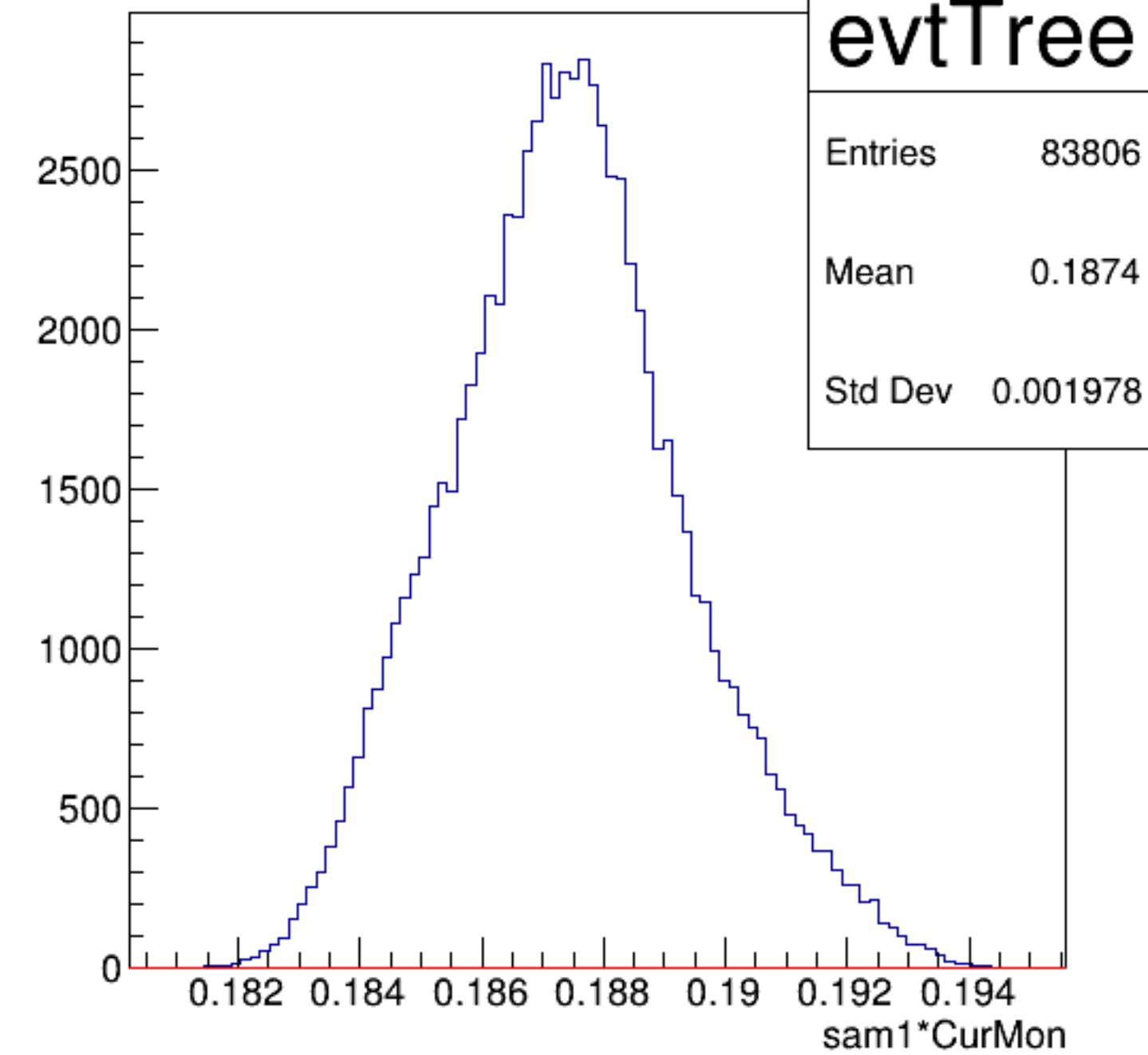


sam1*CurMon:Entry\$

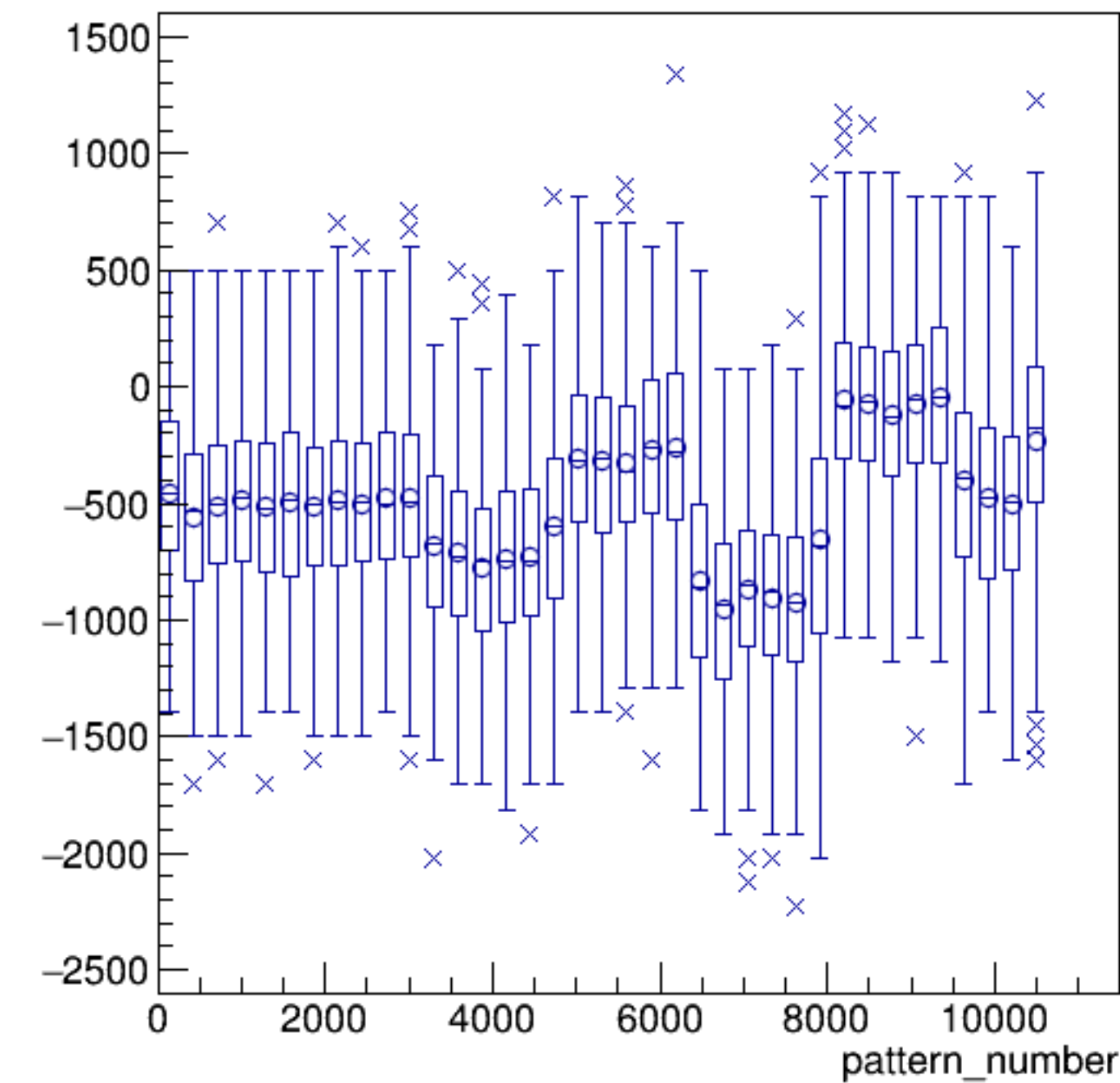


run4900_000_sam1.png

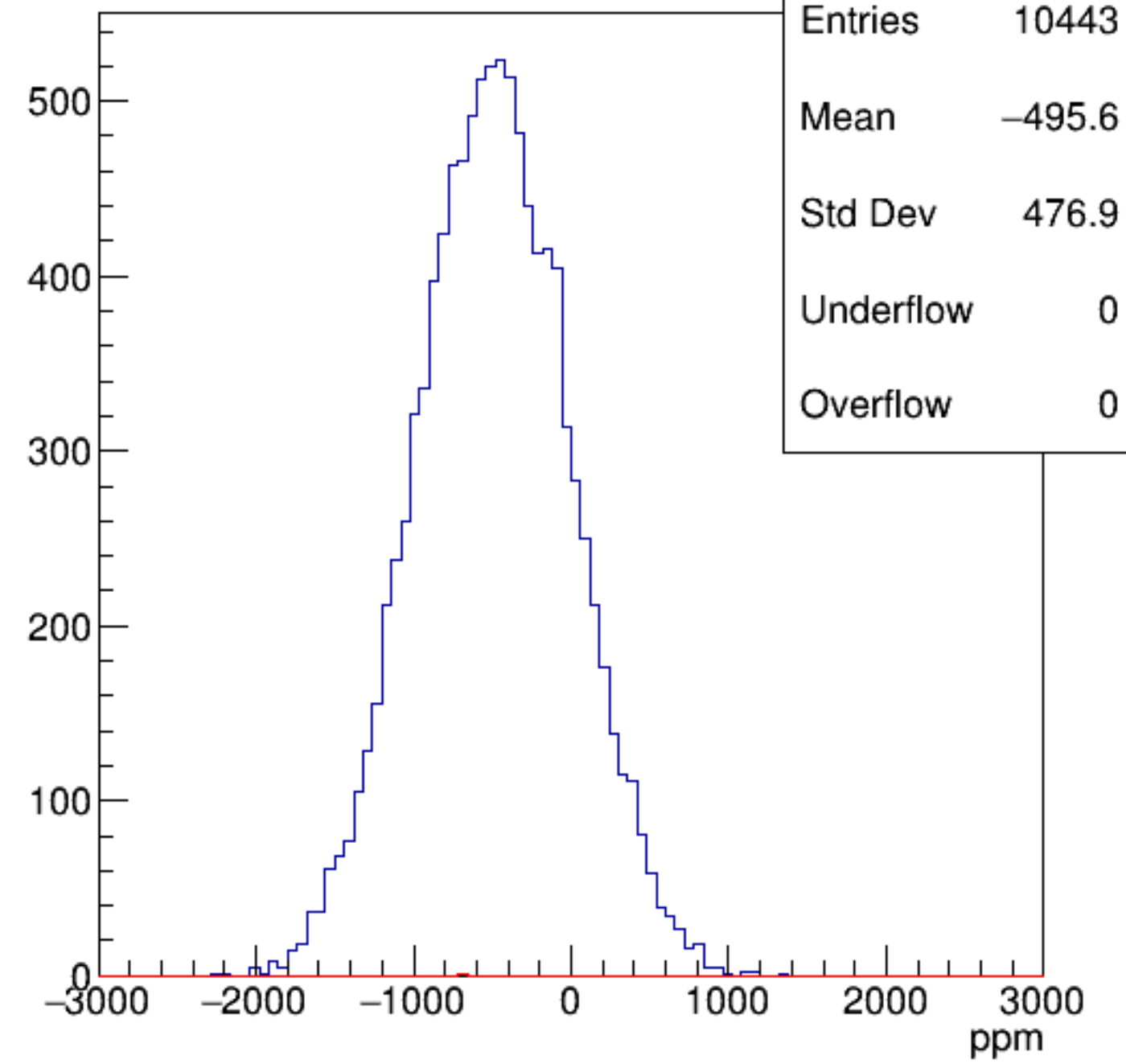
sam1*CurMon {ErrorFlag==0}



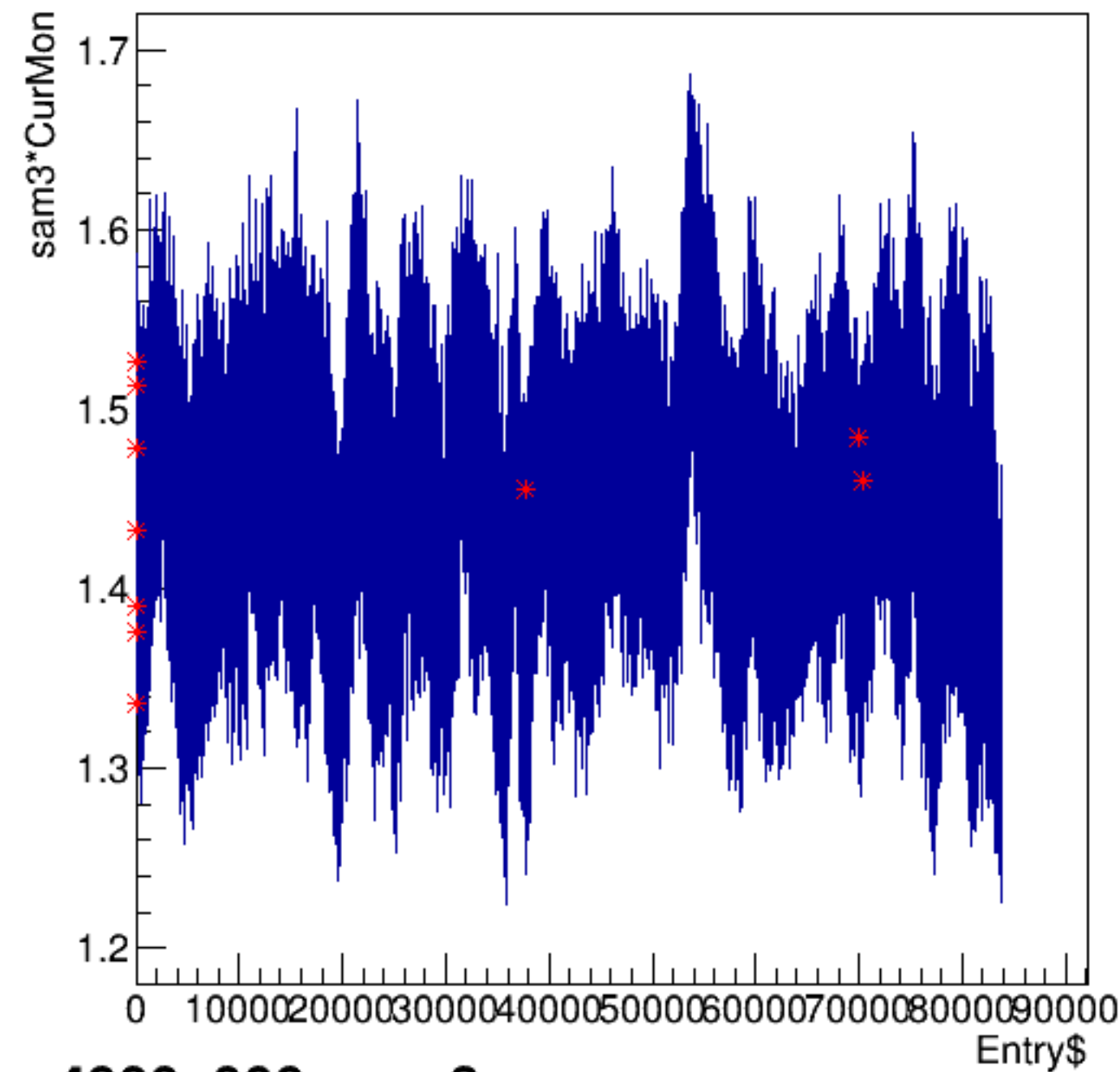
asym_sam1/ppm:pattern_number {ErrorFlag==0}



asym_sam1

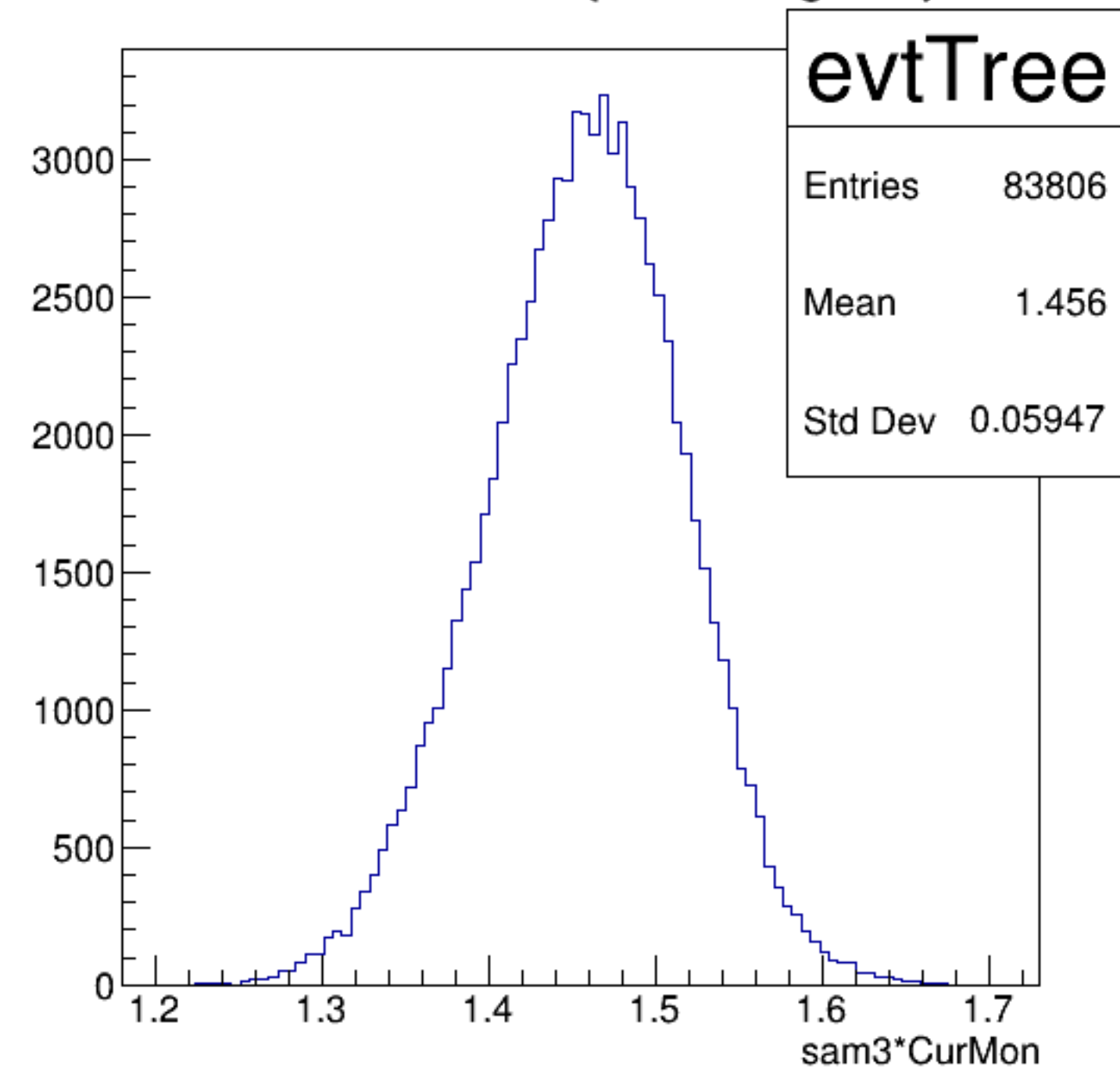


sam3*CurMon:Entry\$

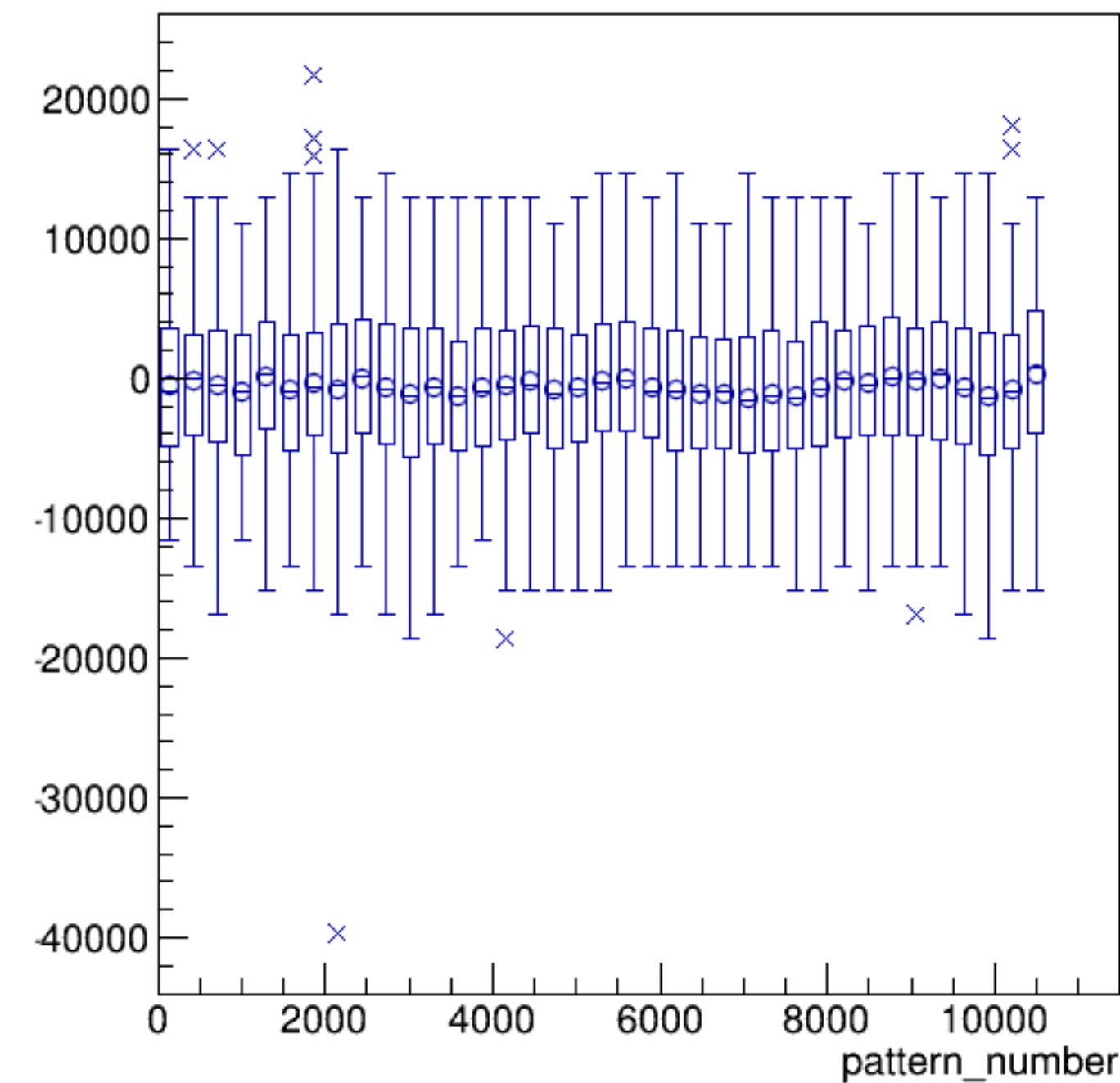


run4900_000_sam3.png

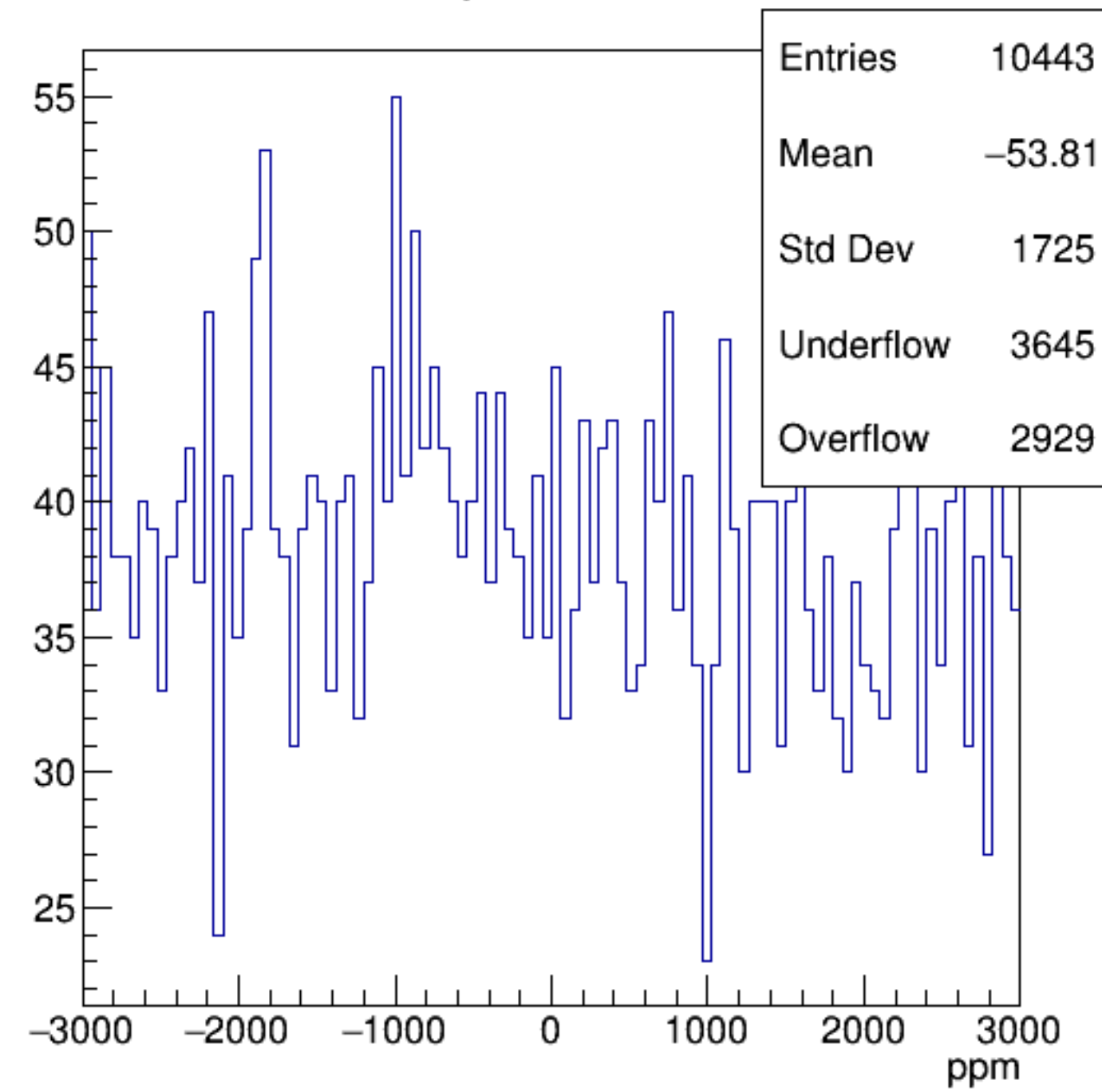
sam3*CurMon {ErrorFlag==0}



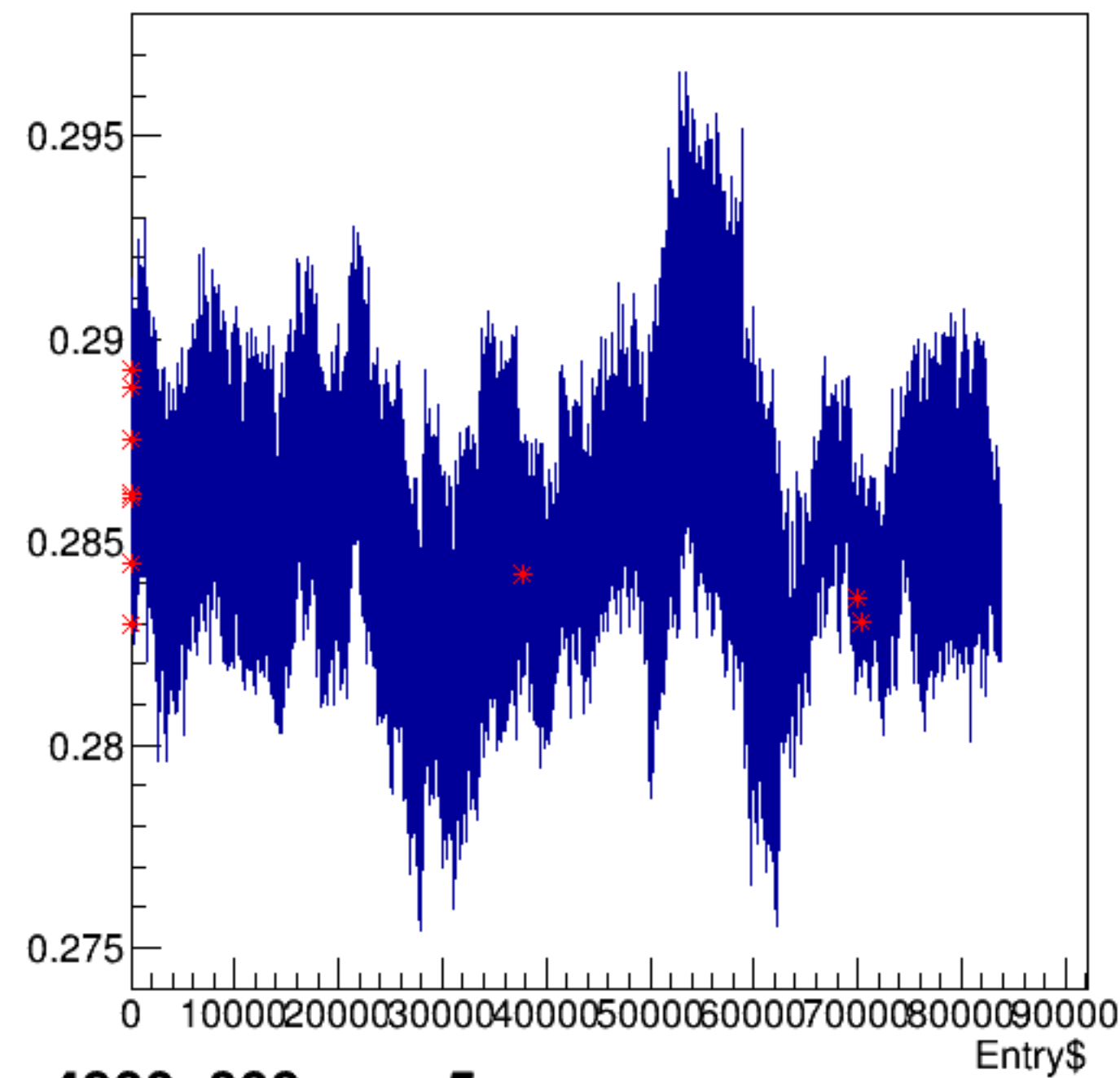
asym_sam3/ppm:pattern_number {ErrorFlag==0}



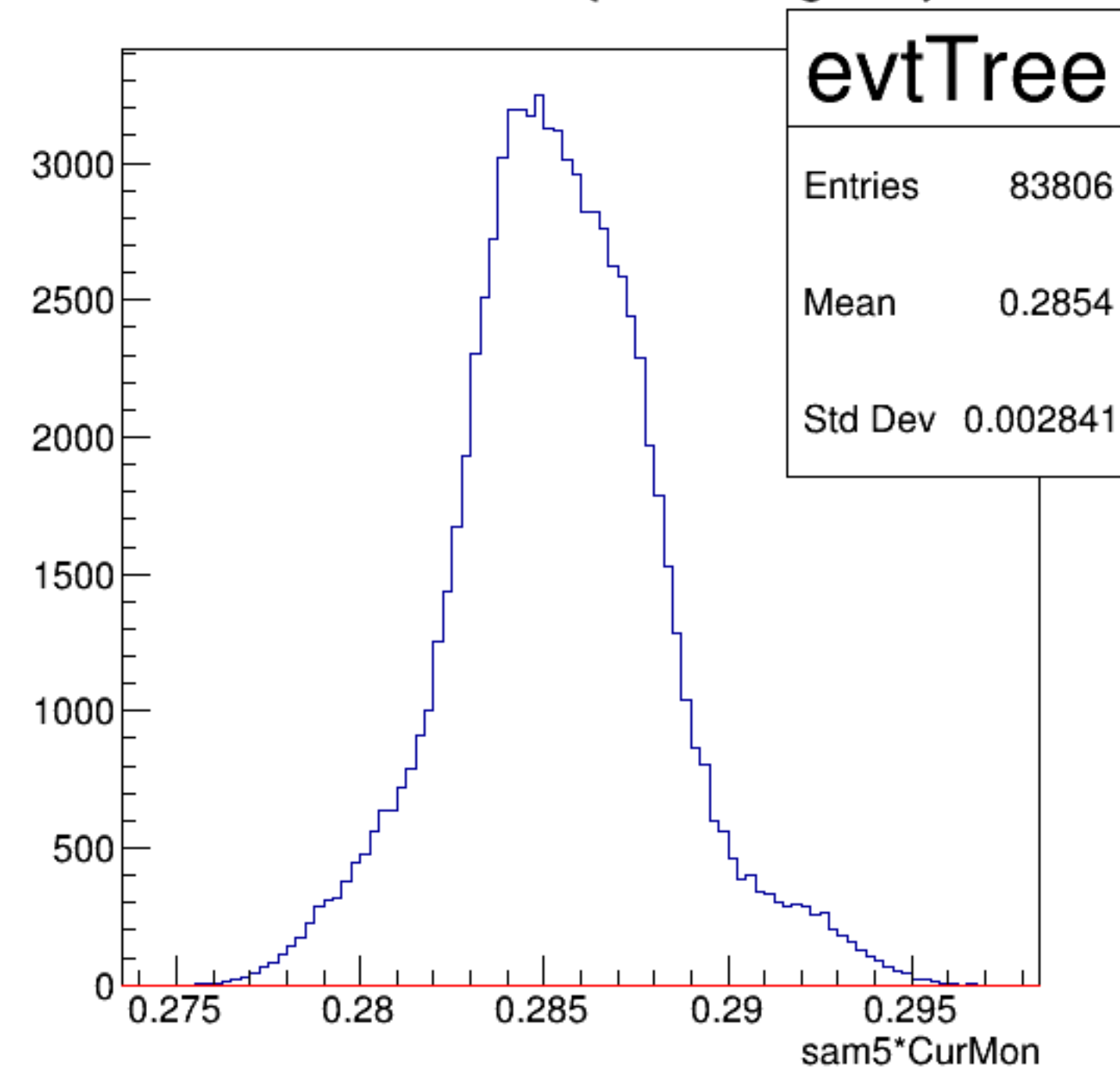
asym_sam3



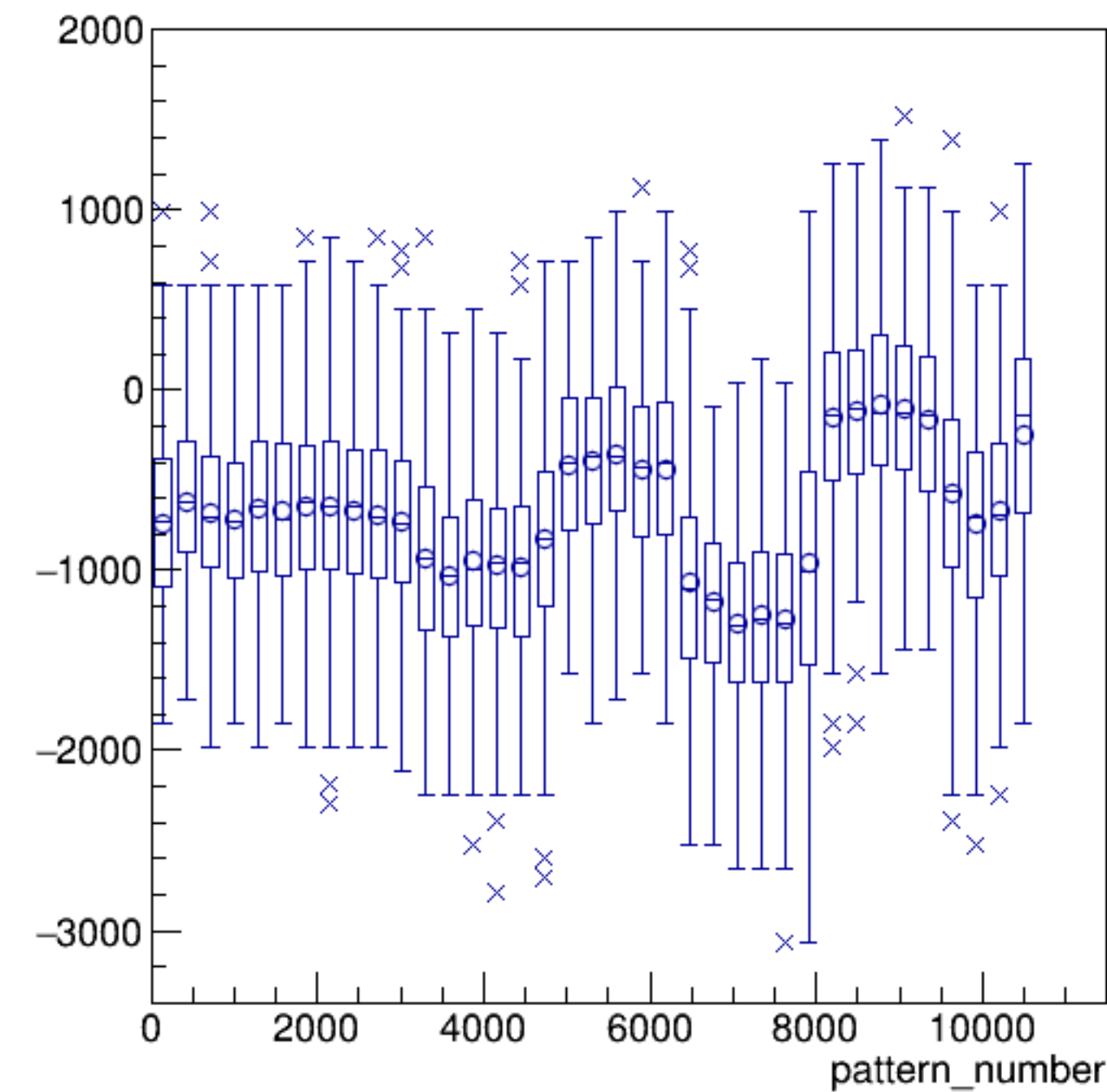
sam5*CurMon:Entry\$



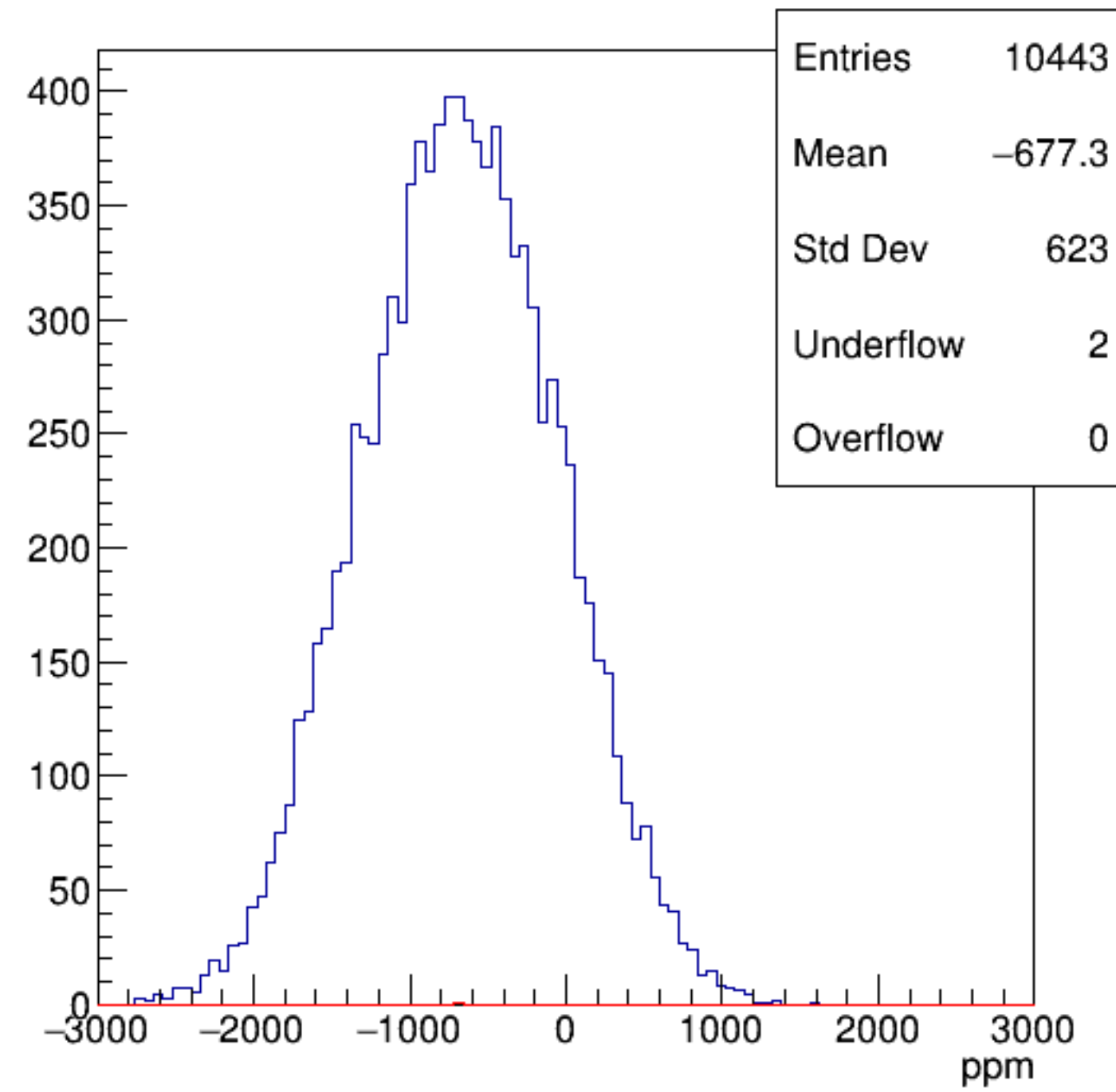
sam5*CurMon {ErrorFlag==0}



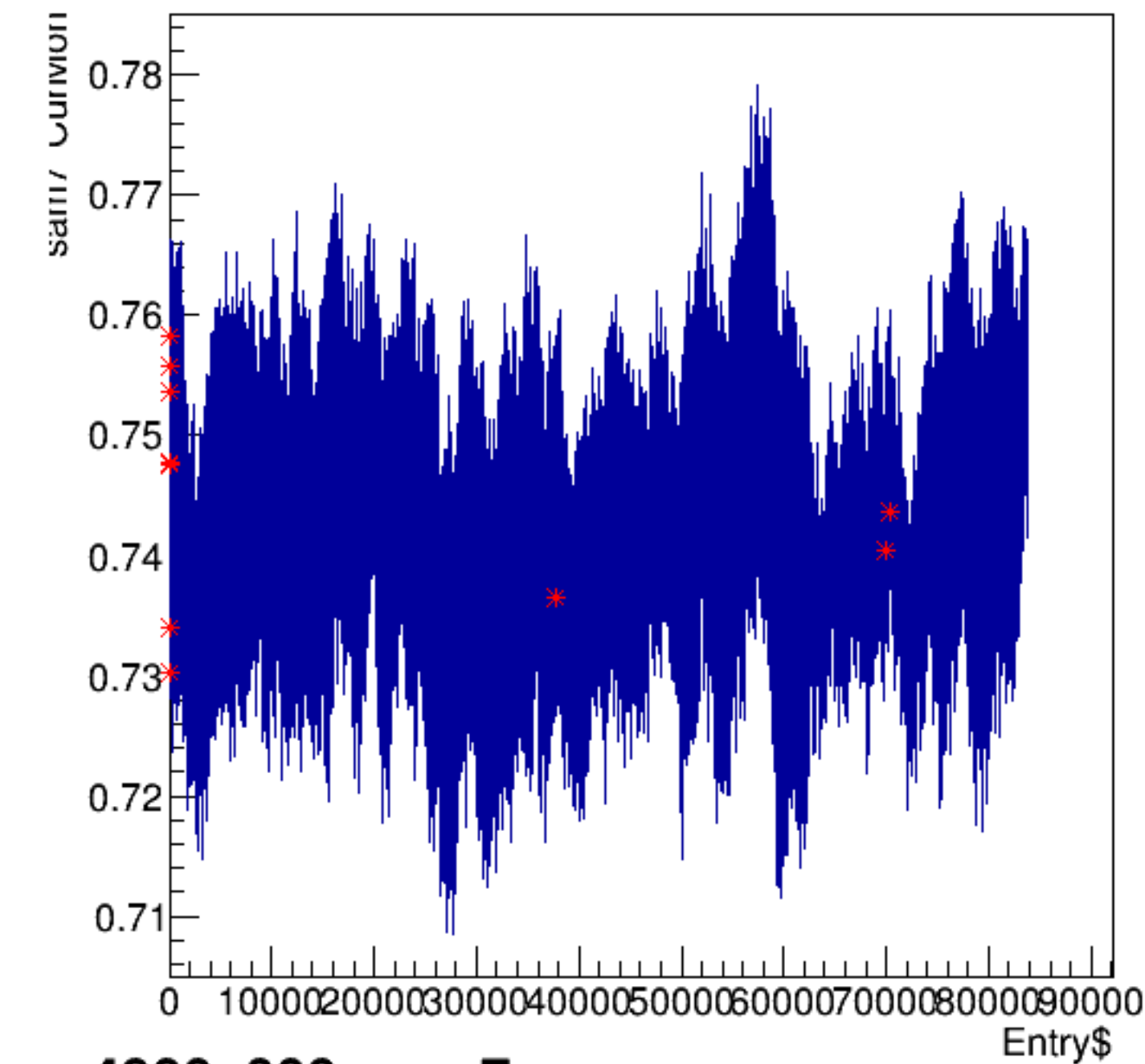
asym_sam5/ppm:pattern_number {ErrorFlag==0}



asym_sam5

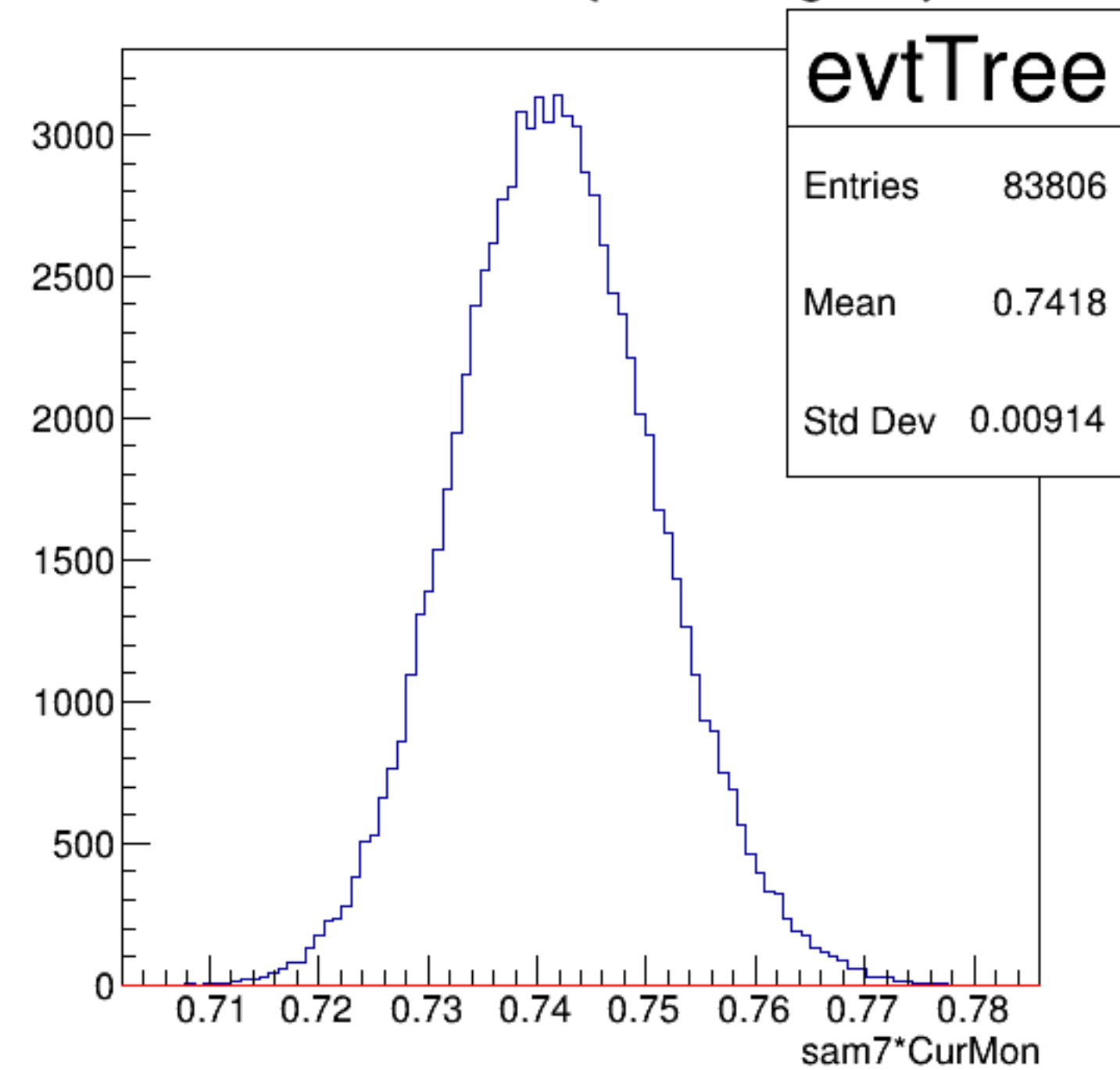


sam7*CurMon:Entry\$

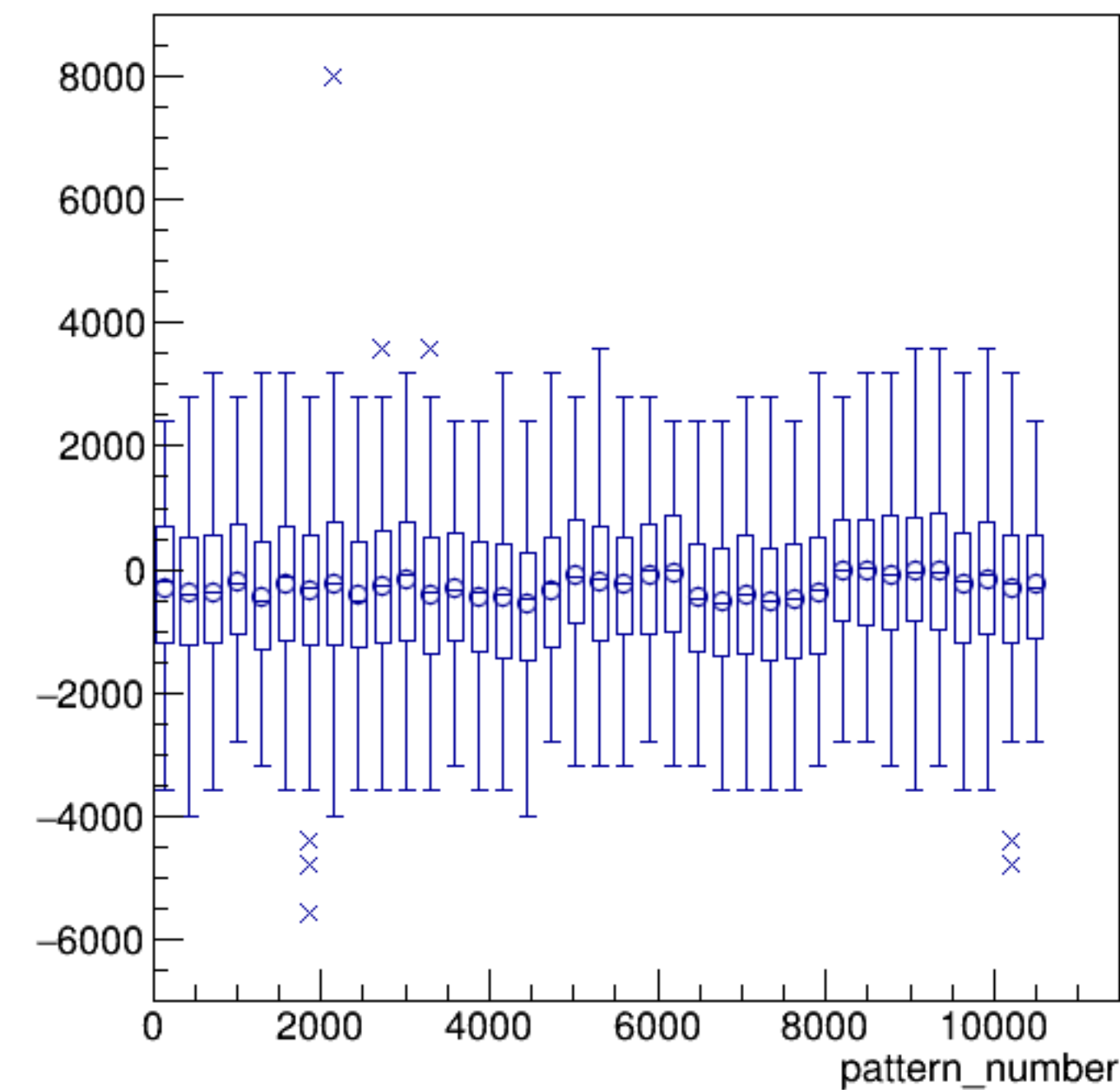


run4900_000_sam7.png

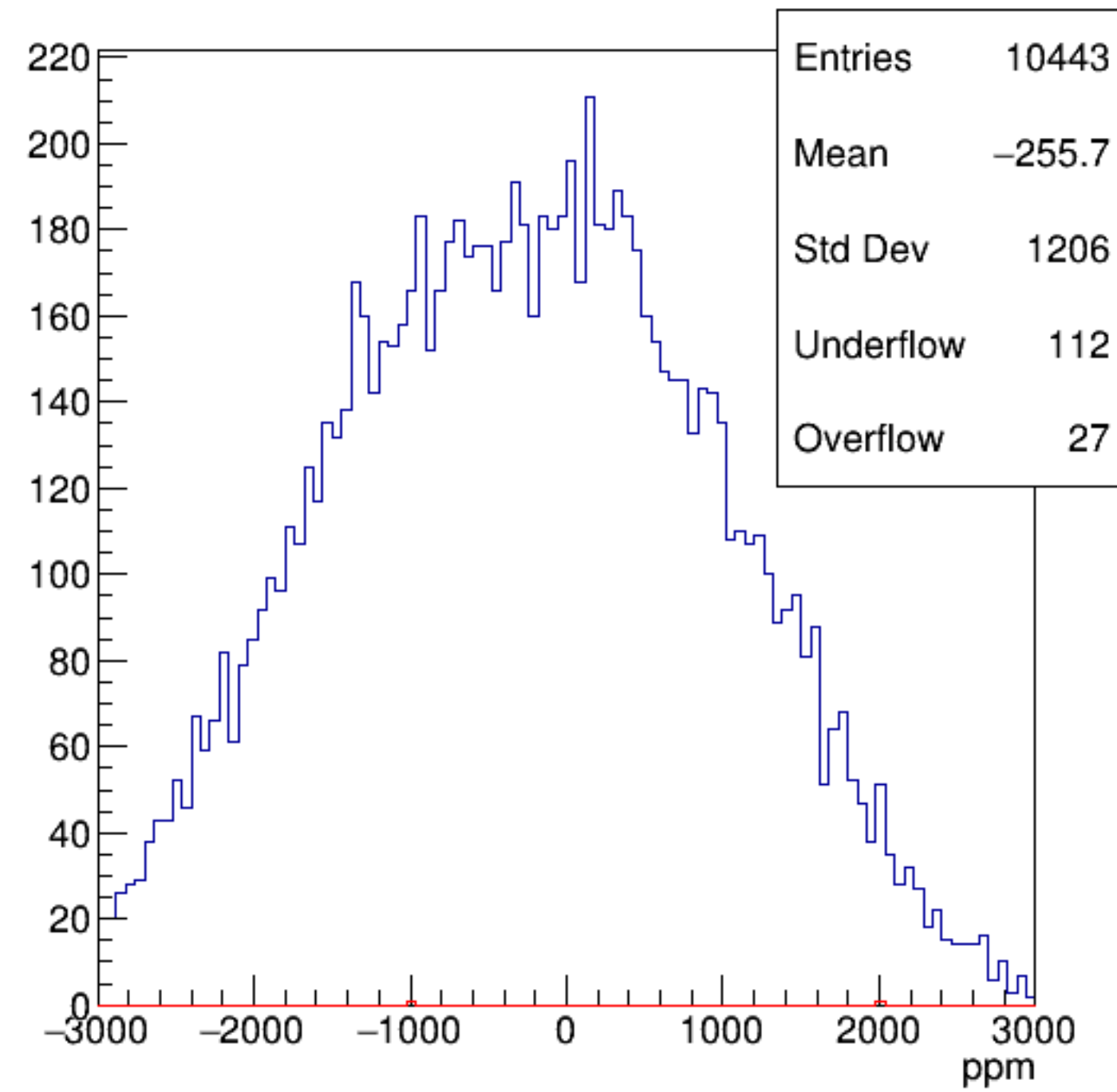
sam7*CurMon {ErrorFlag==0}



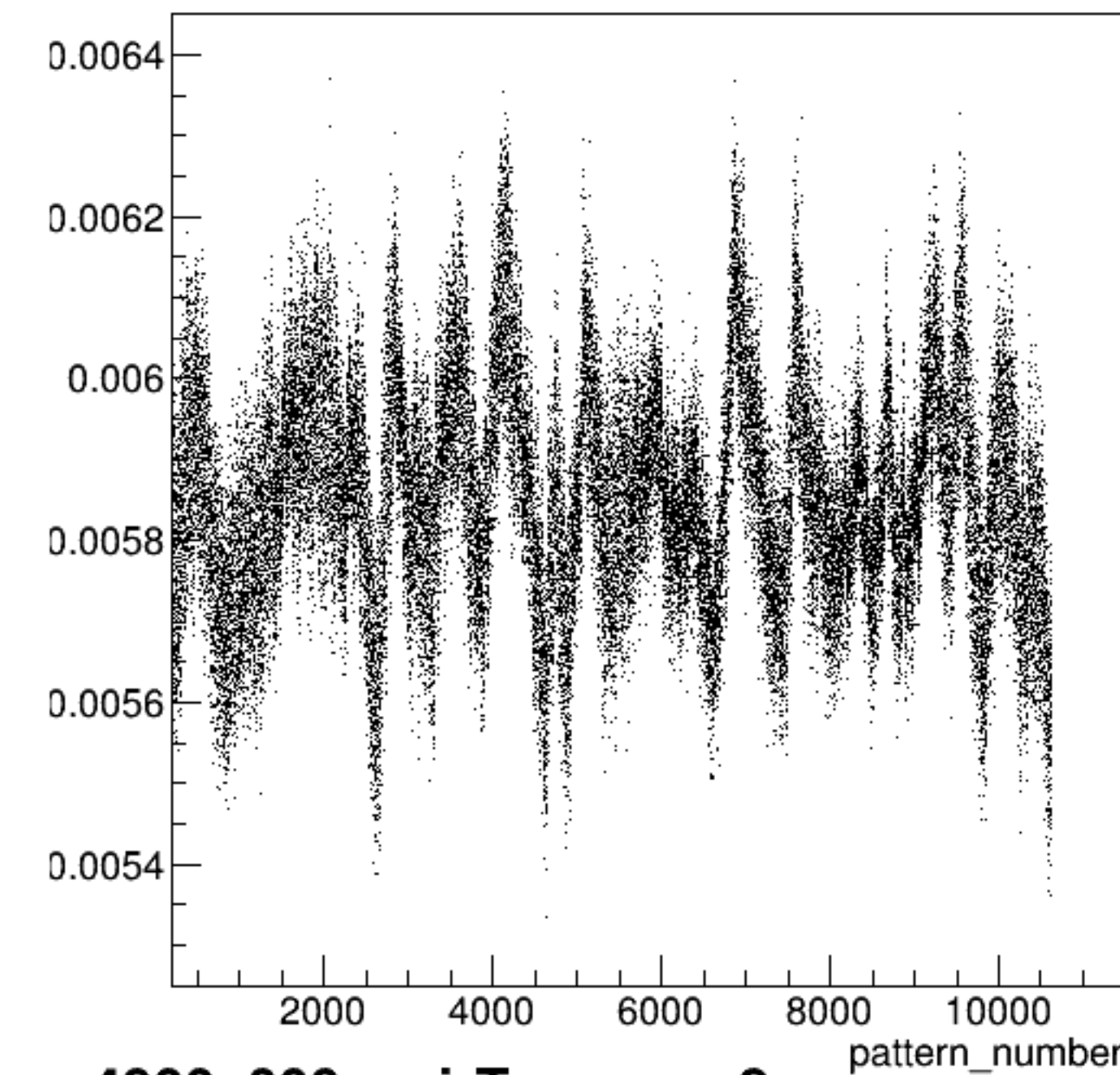
asym_sam7/ppm:pattern_number {ErrorFlag==0}



asym_sam7

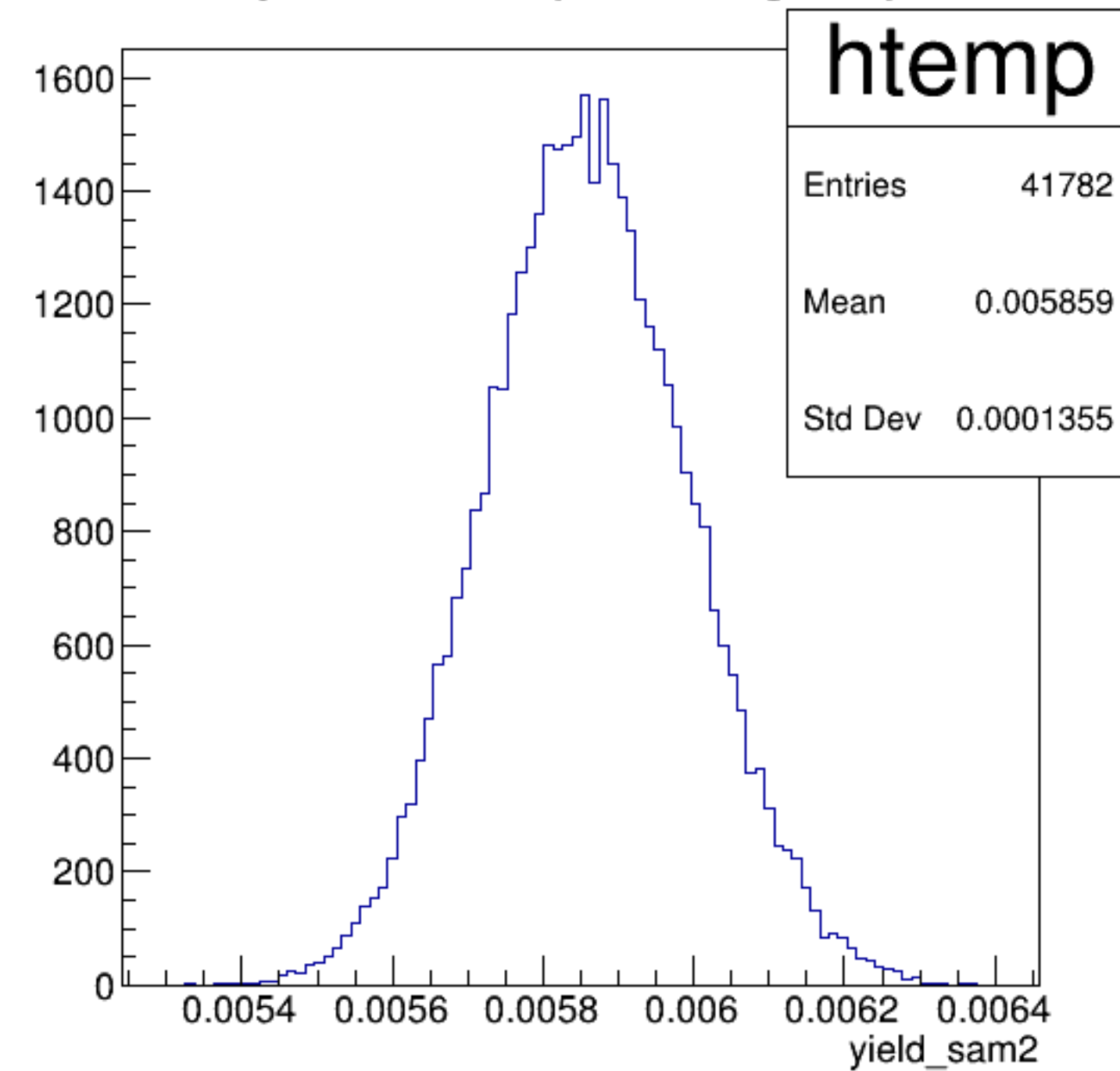


yield_sam2:pattern_number {ErrorFlag==0}

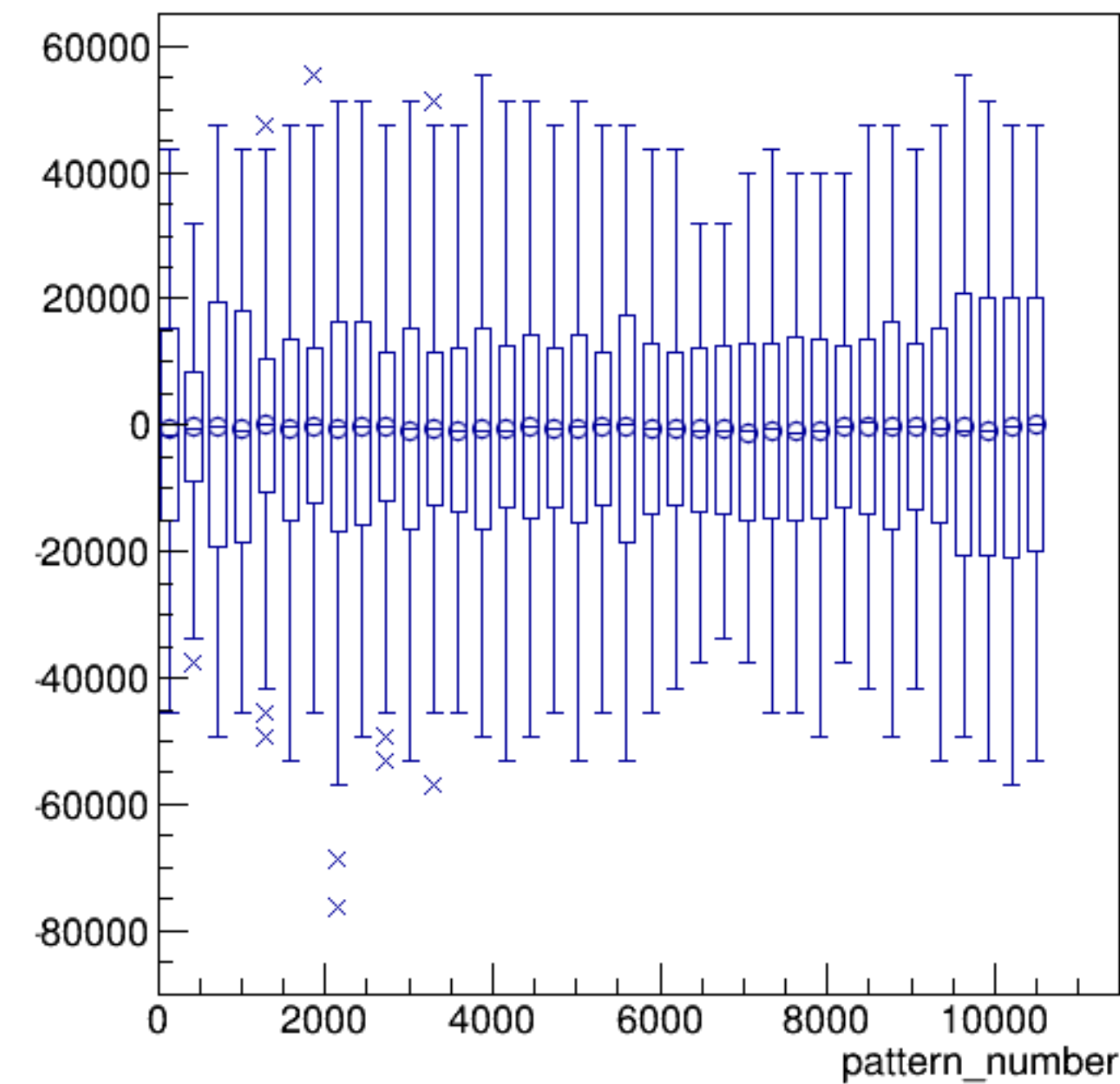


run4900_000_pairTree_sam2.png

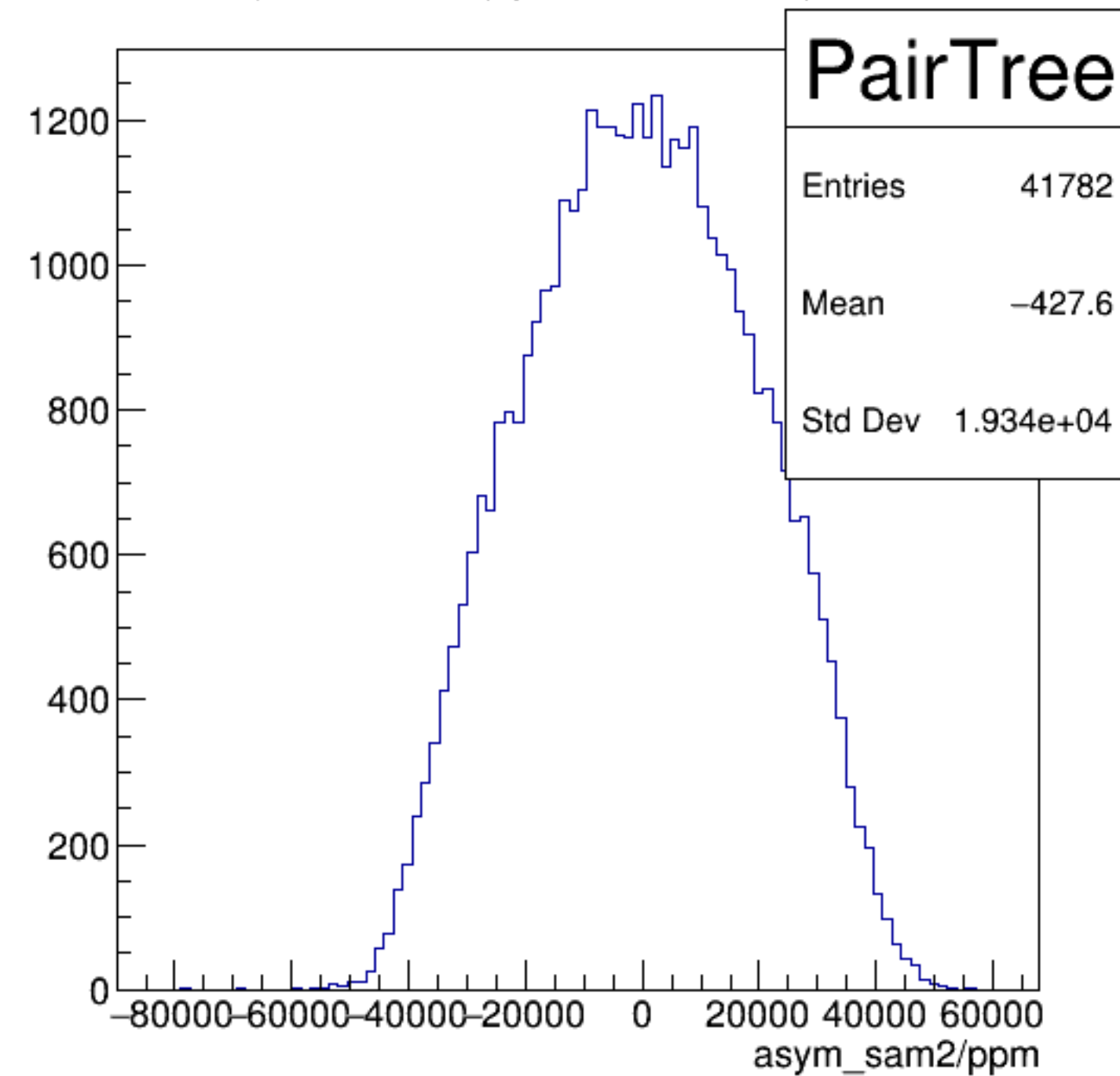
yield_sam2 {ErrorFlag==0}



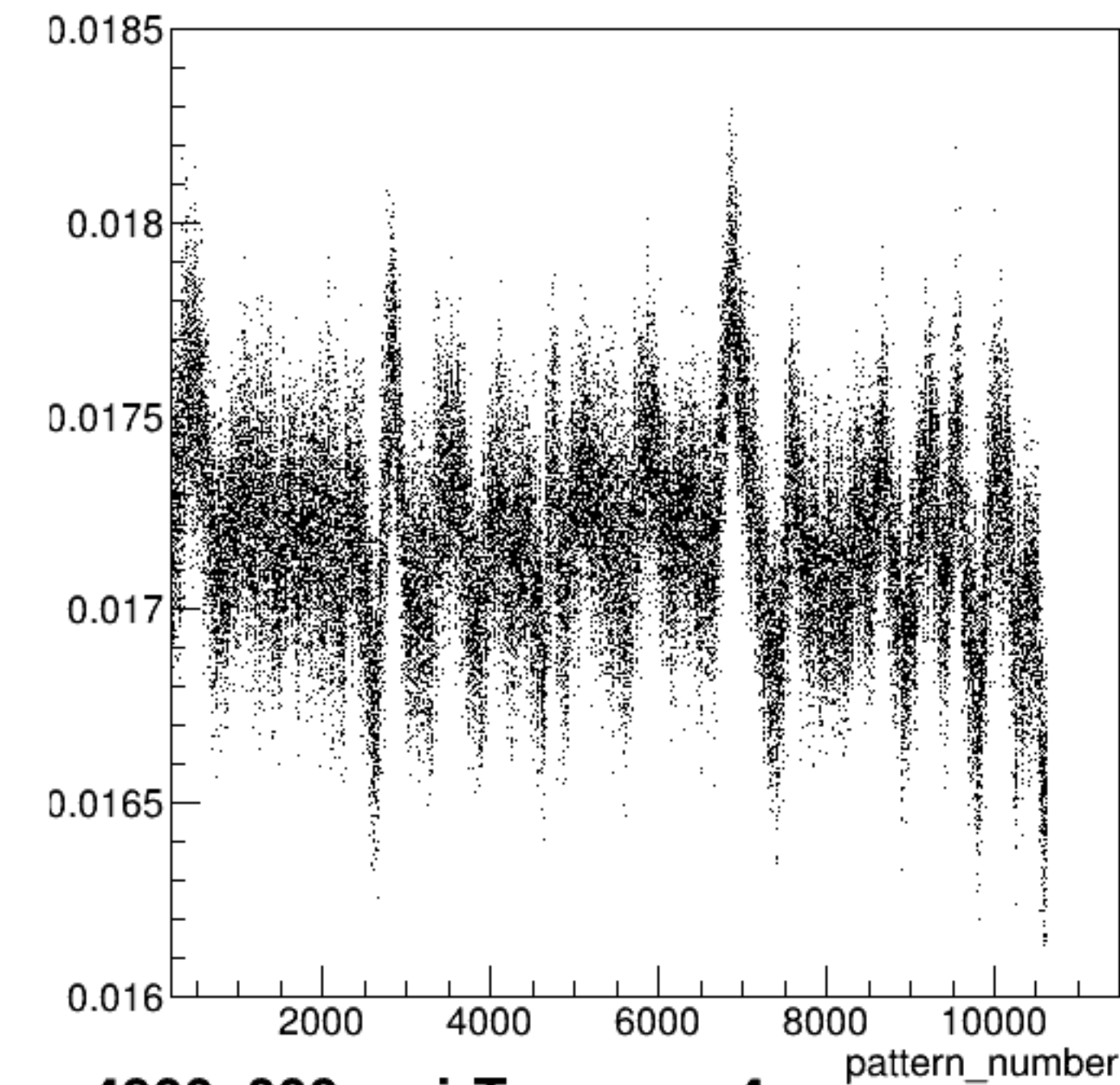
asym_sam2/ppm:pattern_number {ErrorFlag==0}



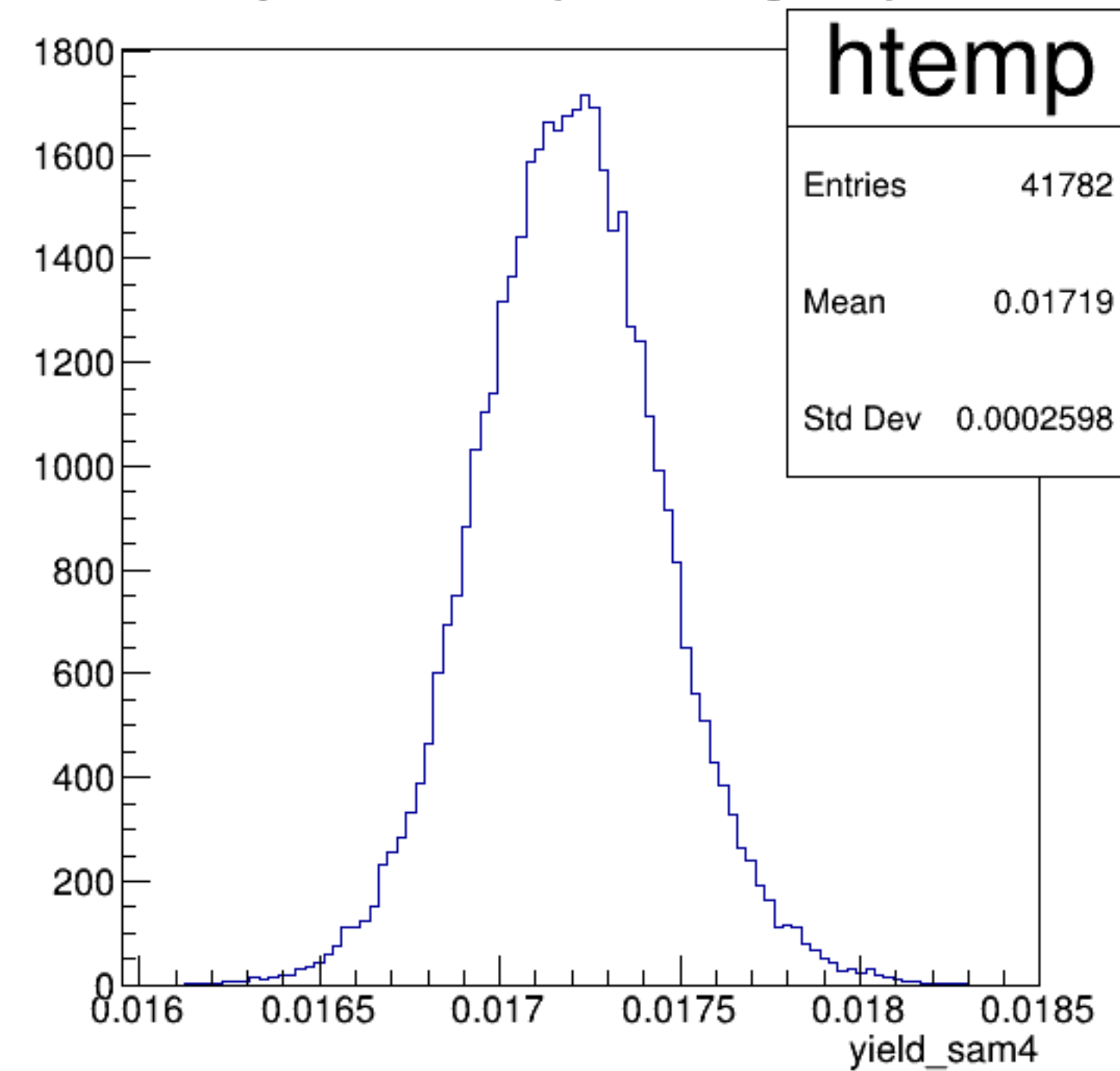
asym_sam2/ppm {ErrorFlag==0}



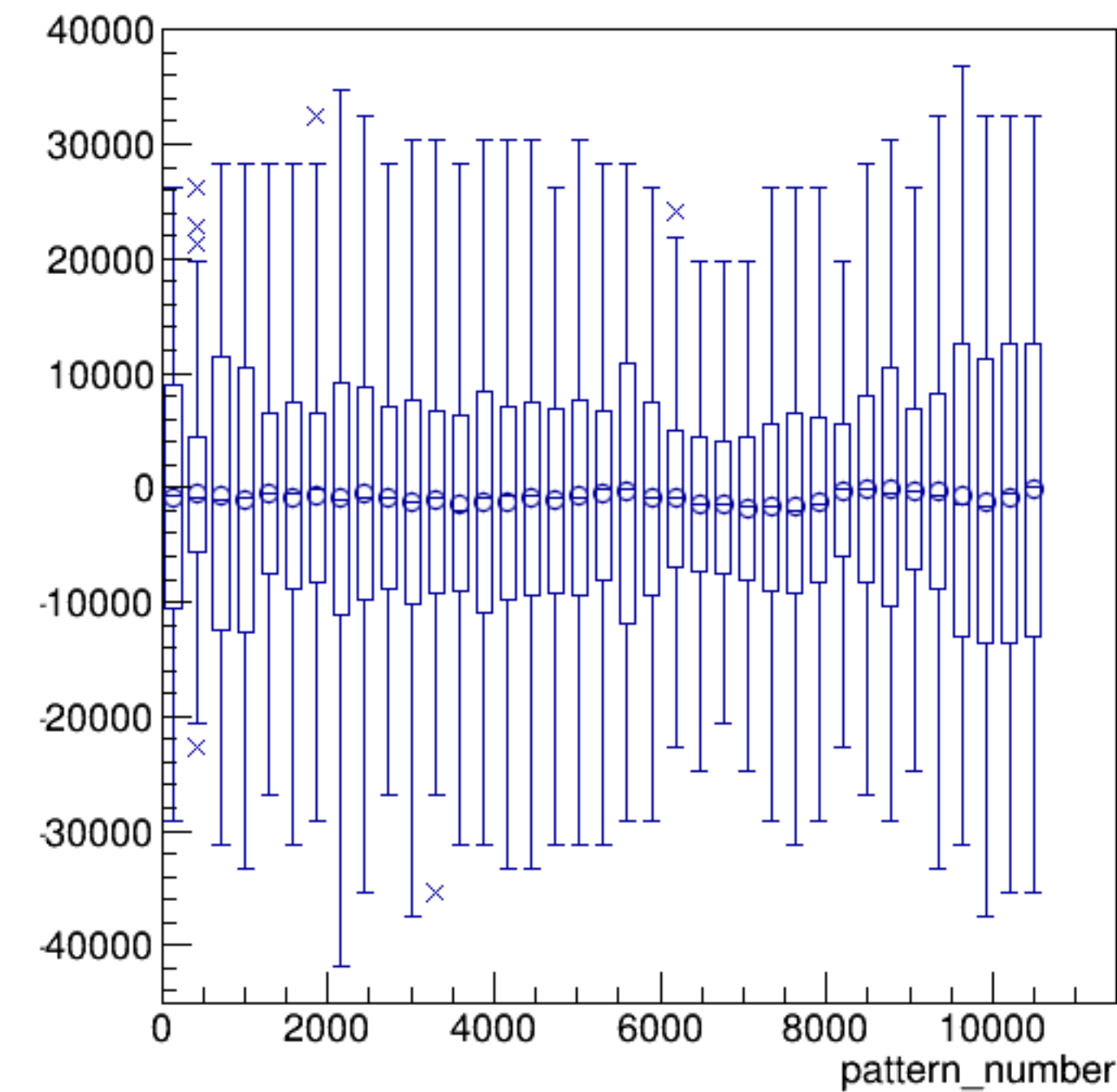
yield_sam4:pattern_number {ErrorFlag==0}



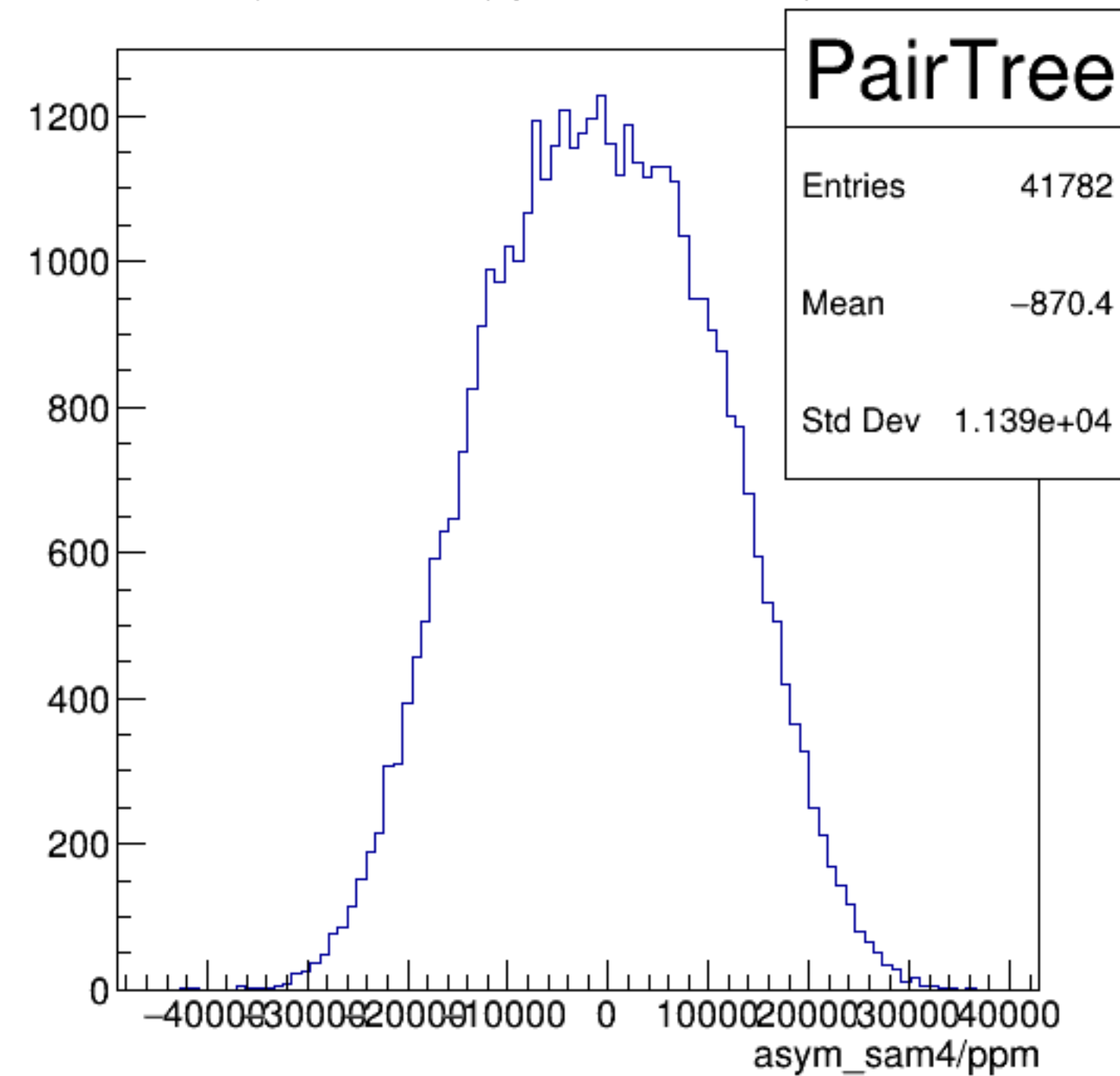
yield_sam4 {ErrorFlag==0}



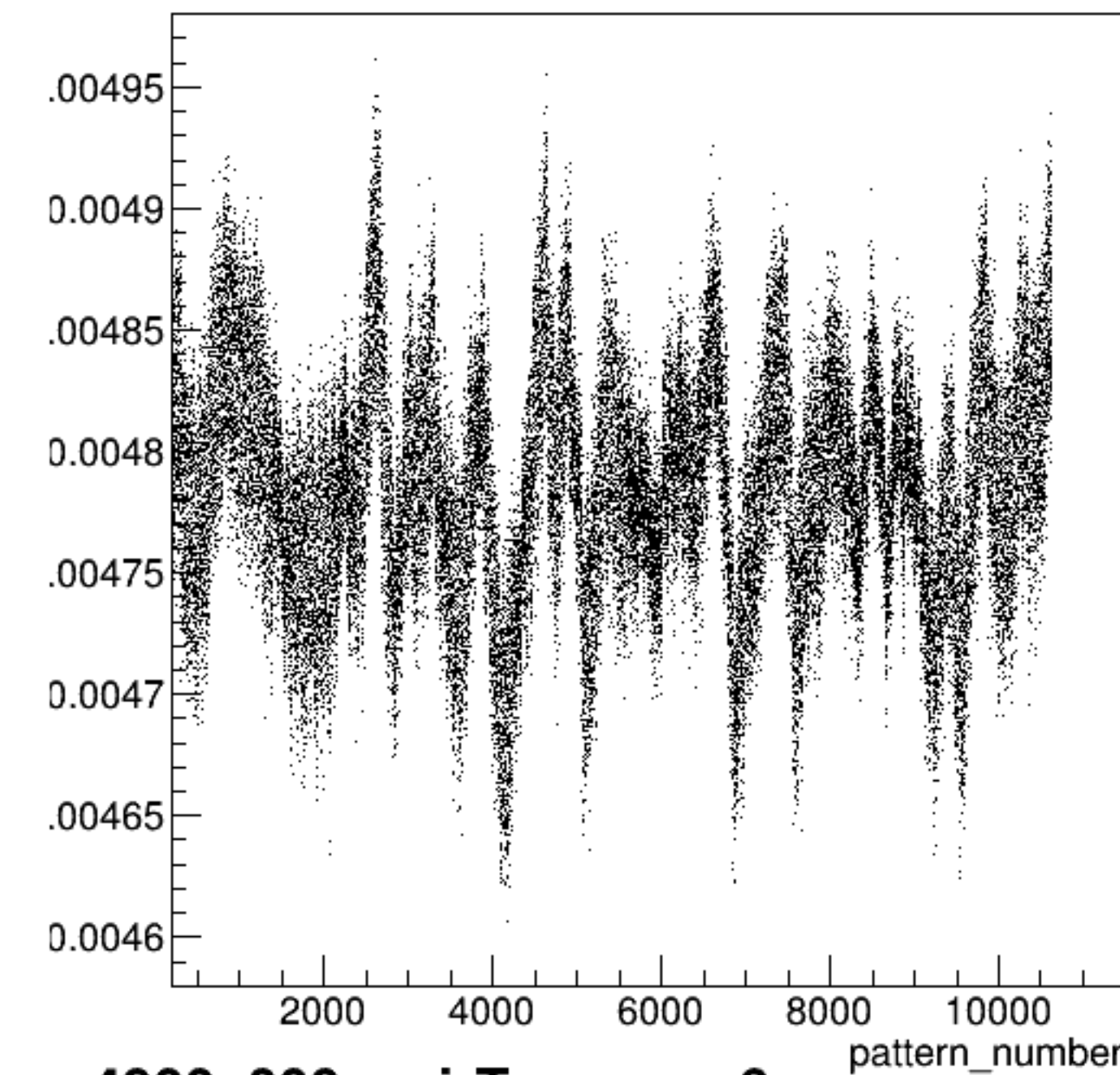
asym_sam4/ppm:pattern_number {ErrorFlag==0}



asym_sam4/ppm {ErrorFlag==0}

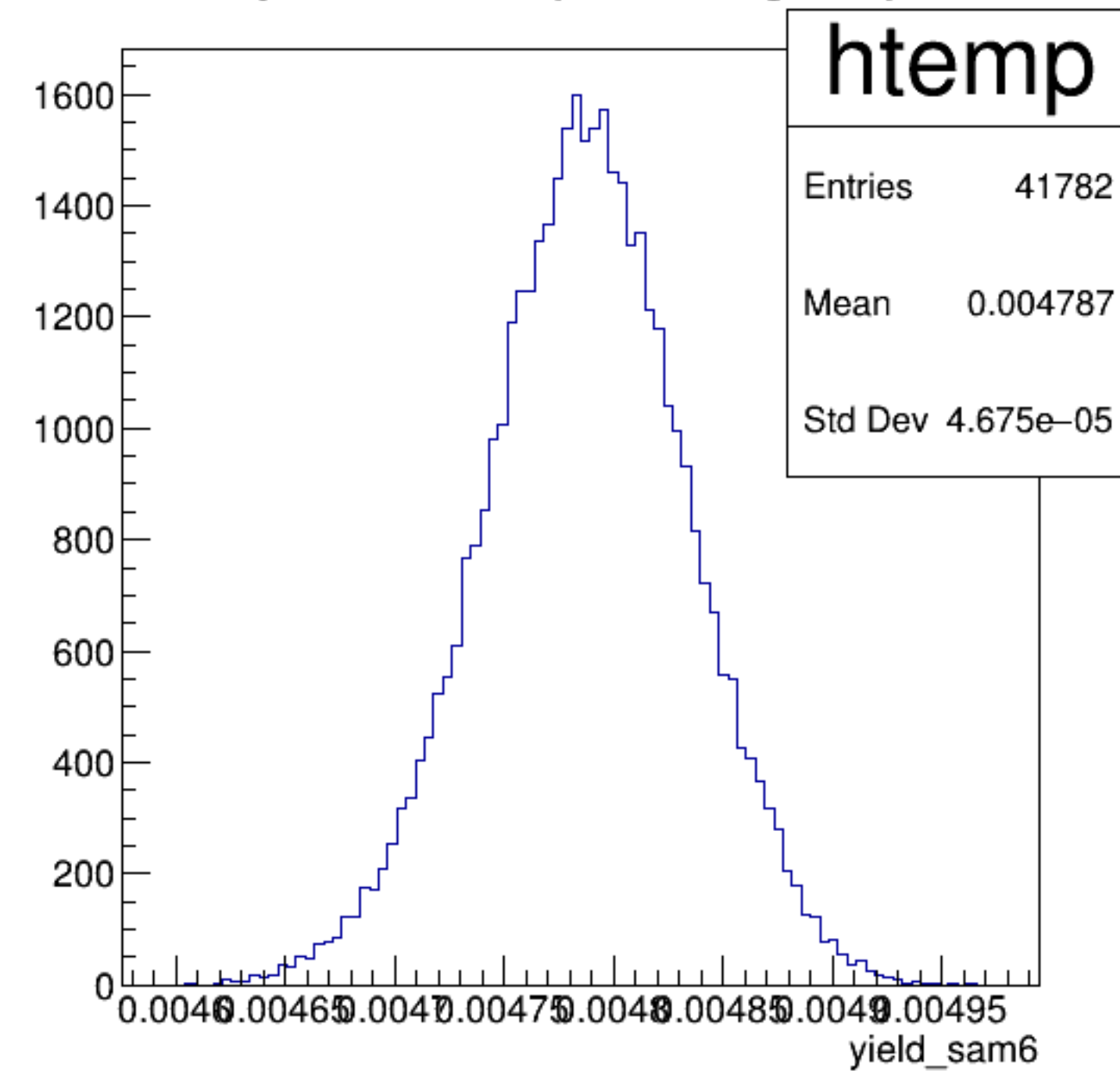


yield_sam6:pattern_number {ErrorFlag==0}

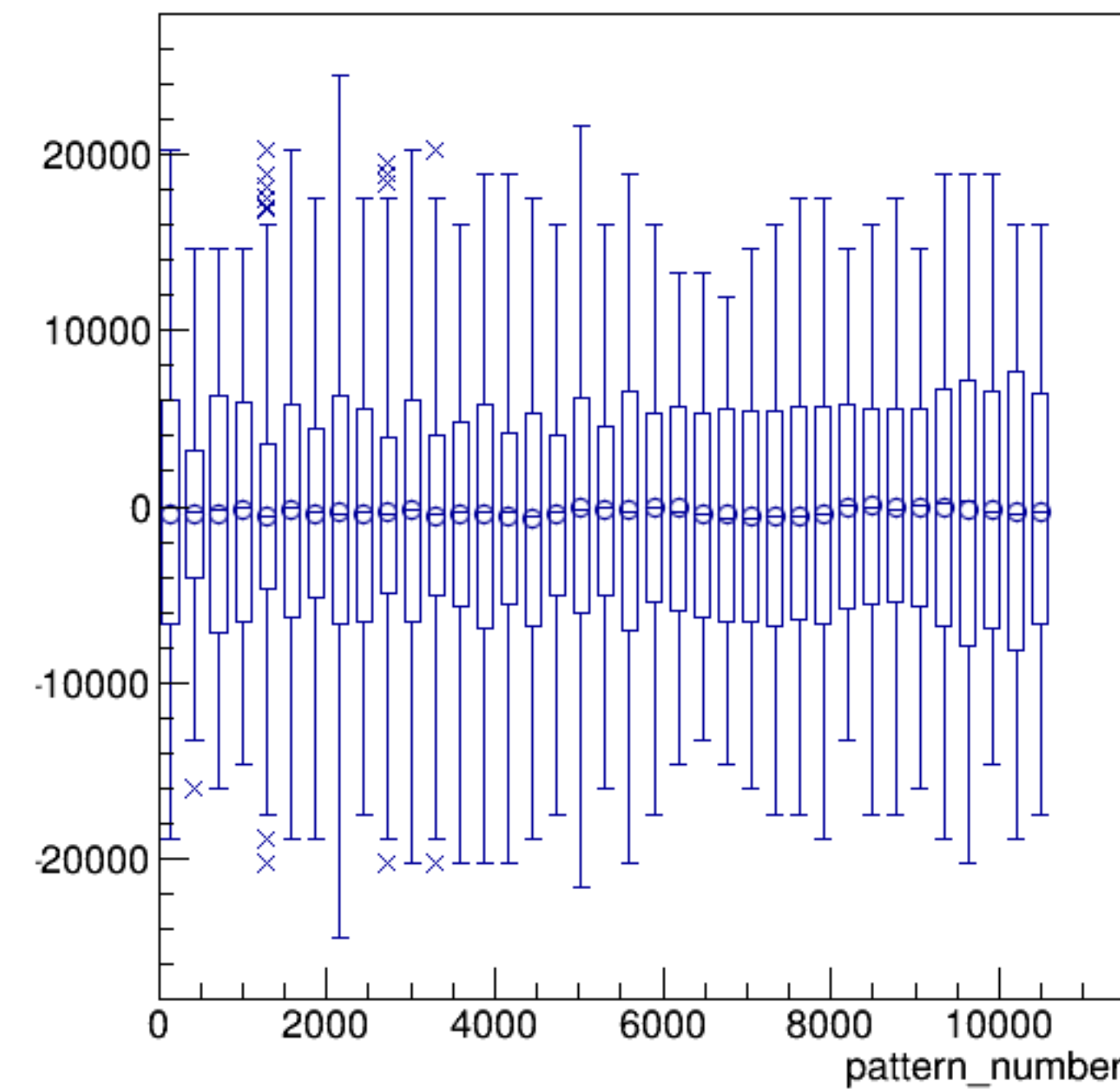


run4900_000_pairTree_sam6.png

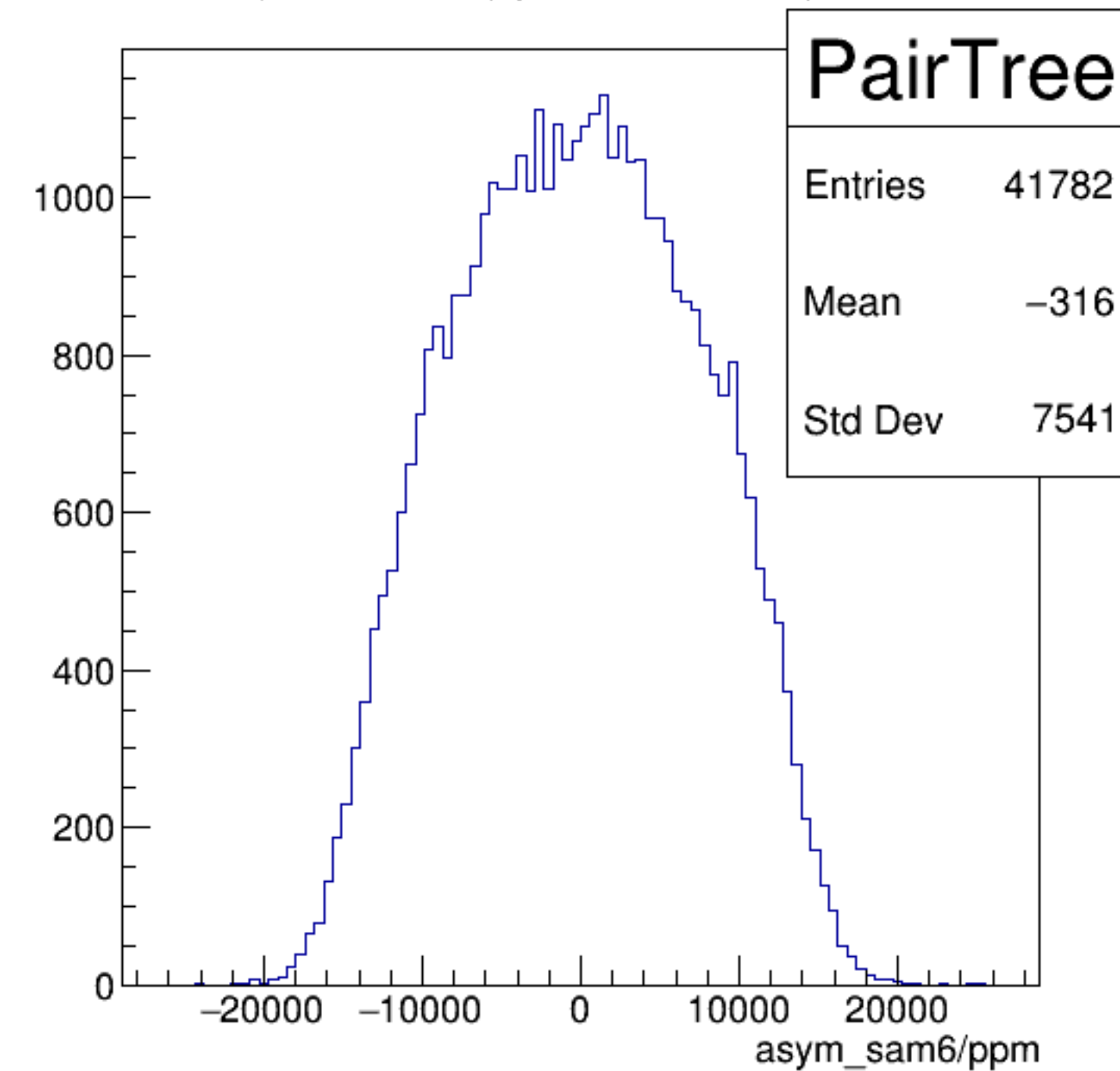
yield_sam6 {ErrorFlag==0}



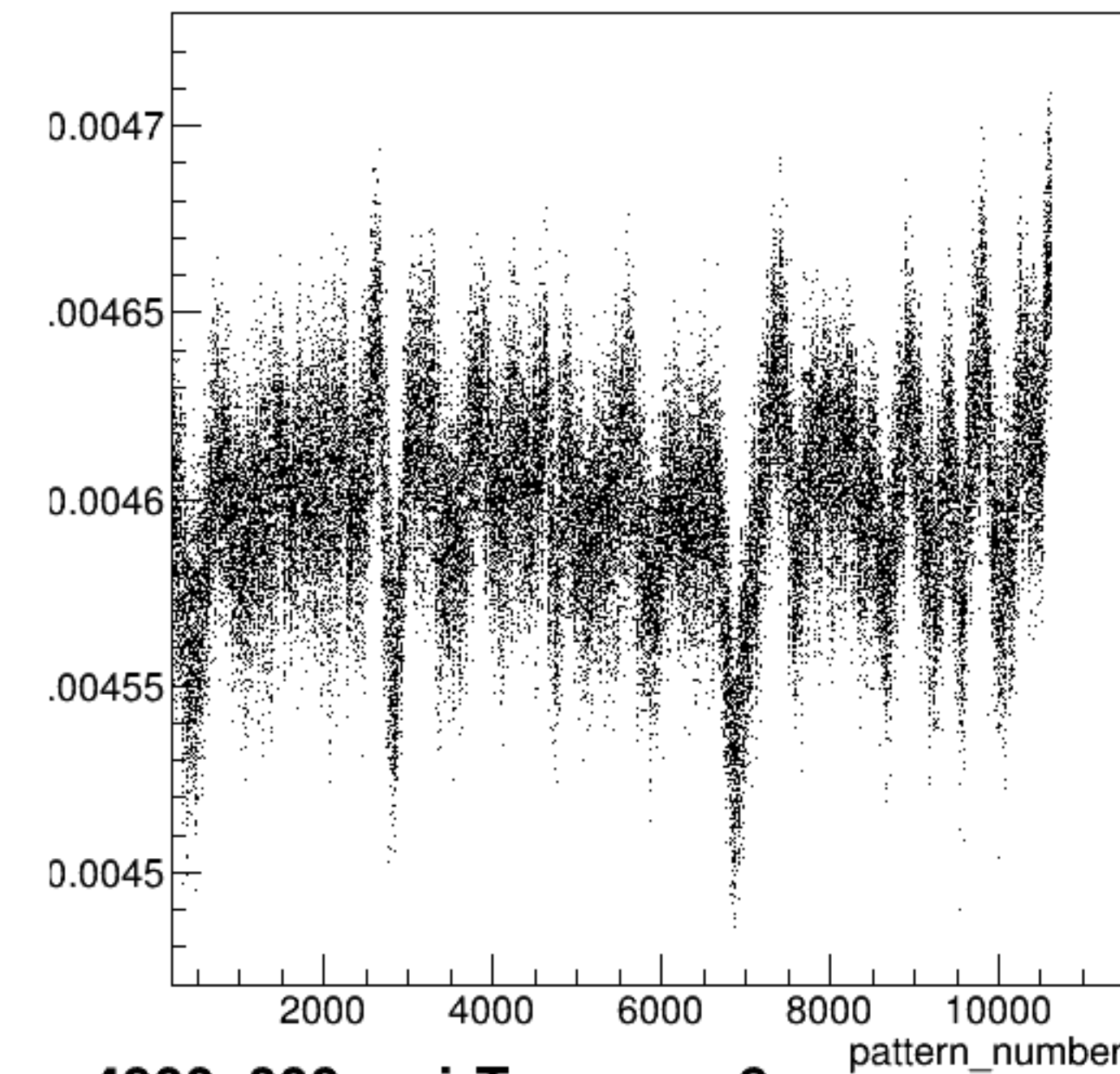
asym_sam6/ppm:pattern_number {ErrorFlag==0}



asym_sam6/ppm {ErrorFlag==0}

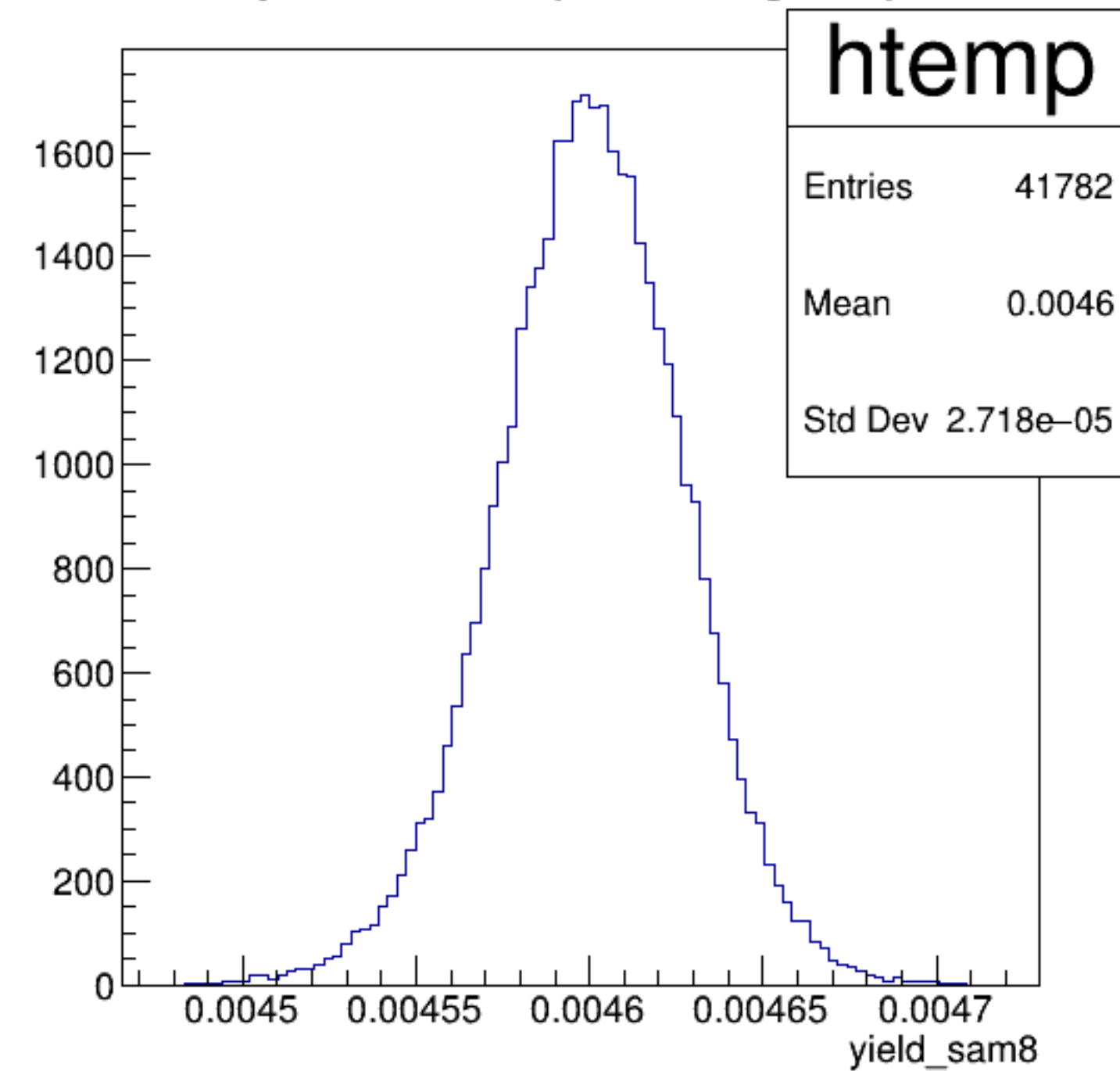


yield_sam8:pattern_number {ErrorFlag==0}

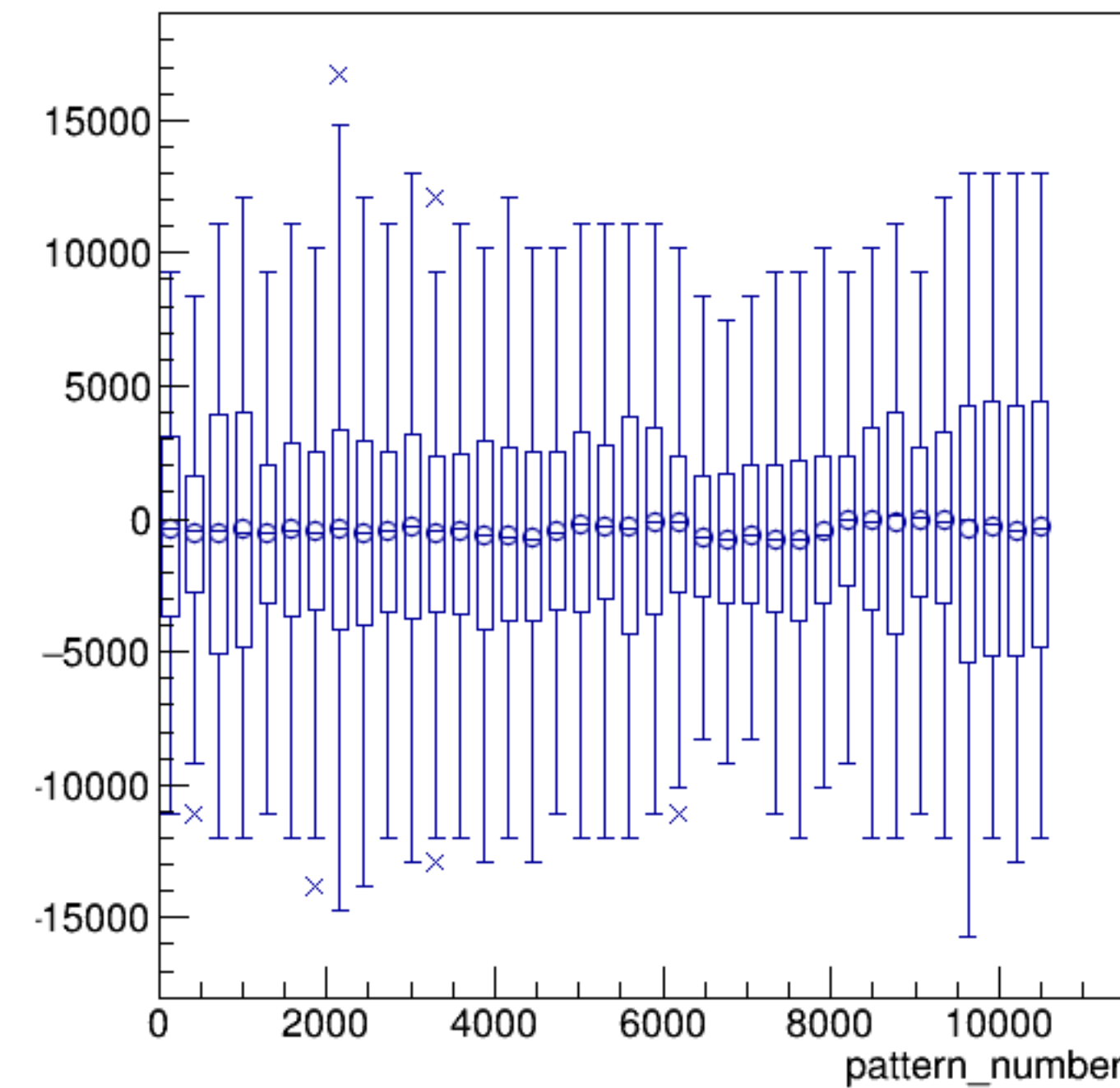


run4900_000_pairTree_sam8.png

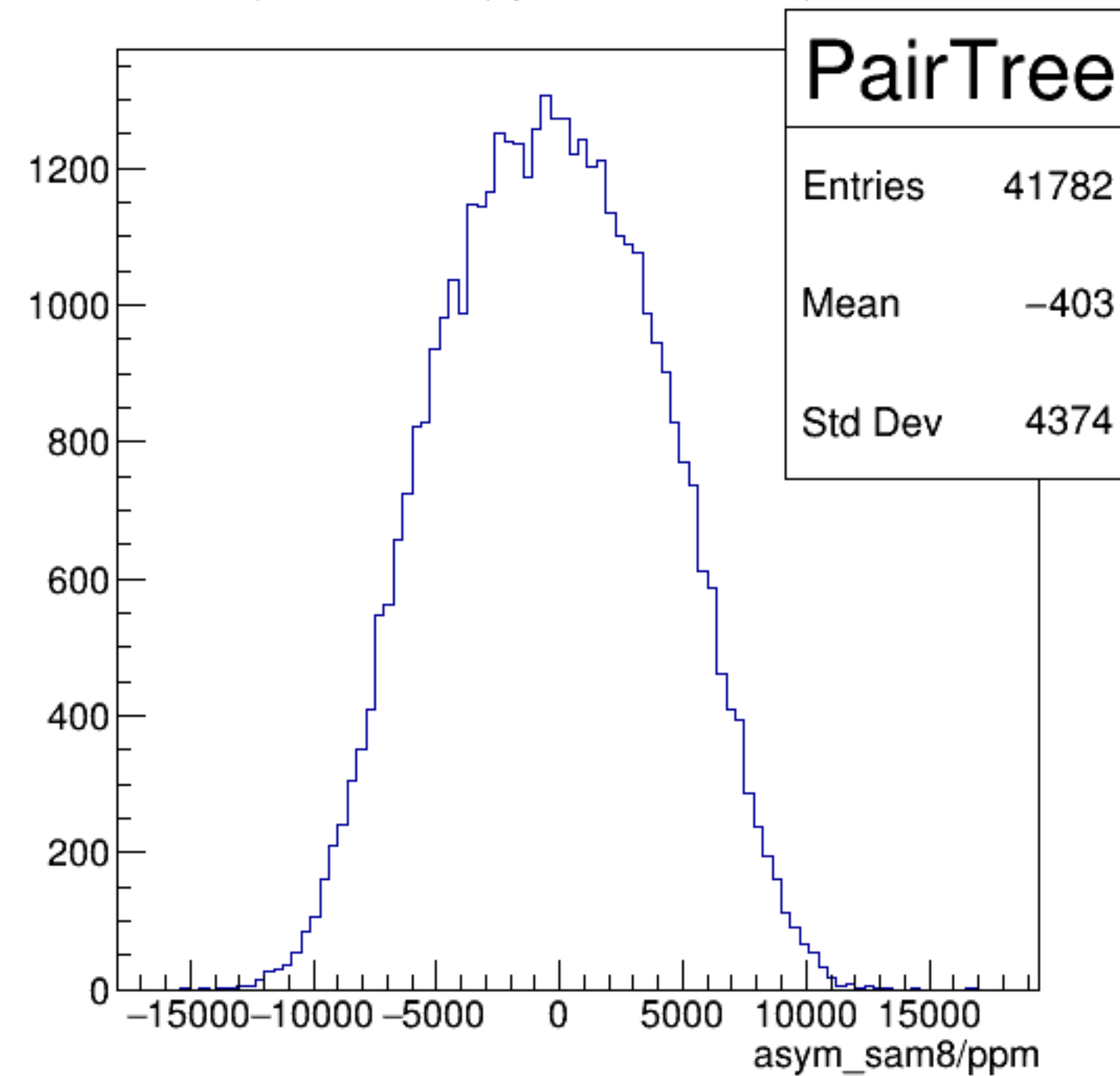
yield_sam8 {ErrorFlag==0}



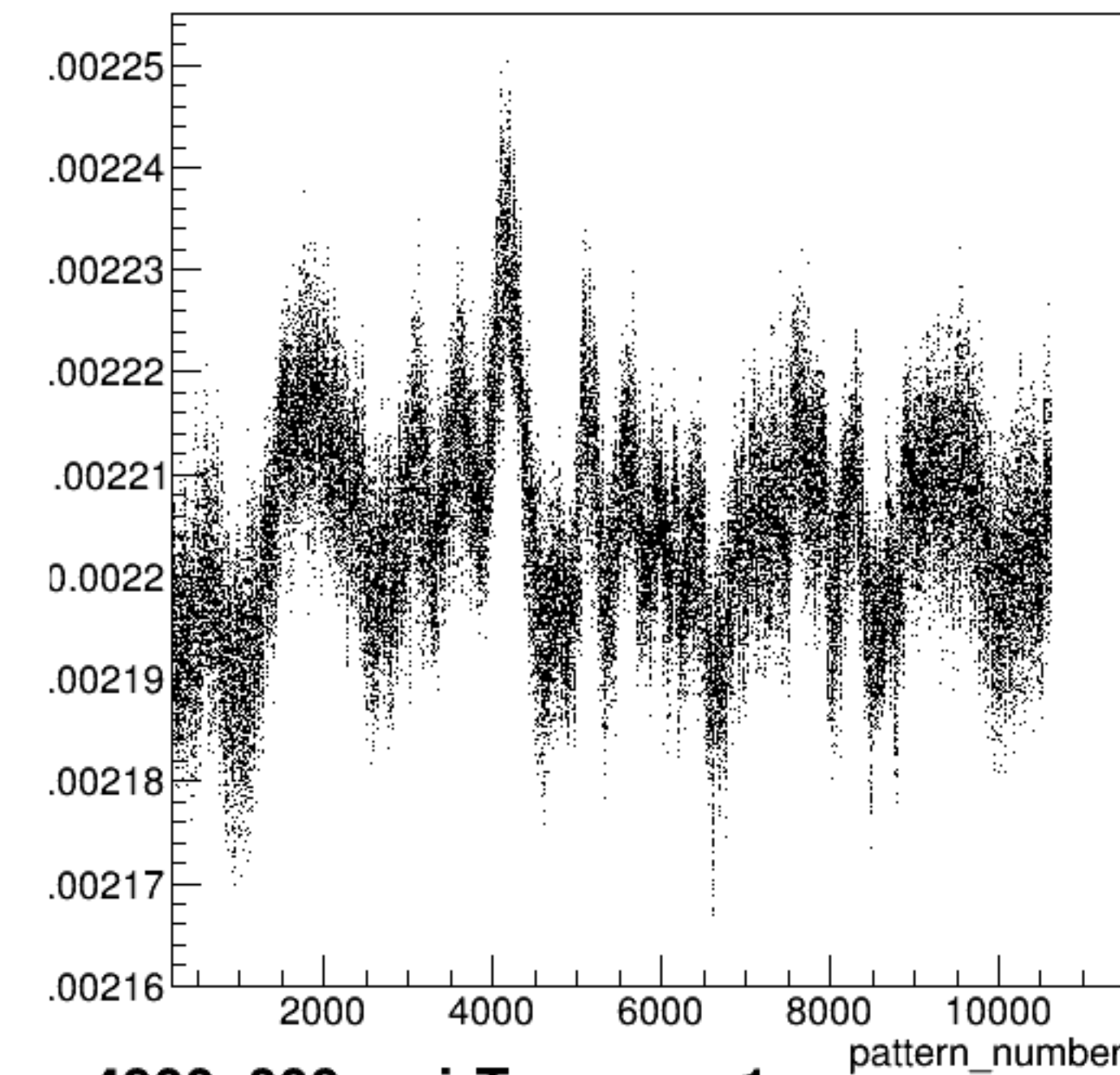
asym_sam8/ppm:pattern_number {ErrorFlag==0}



asym_sam8/ppm {ErrorFlag==0}

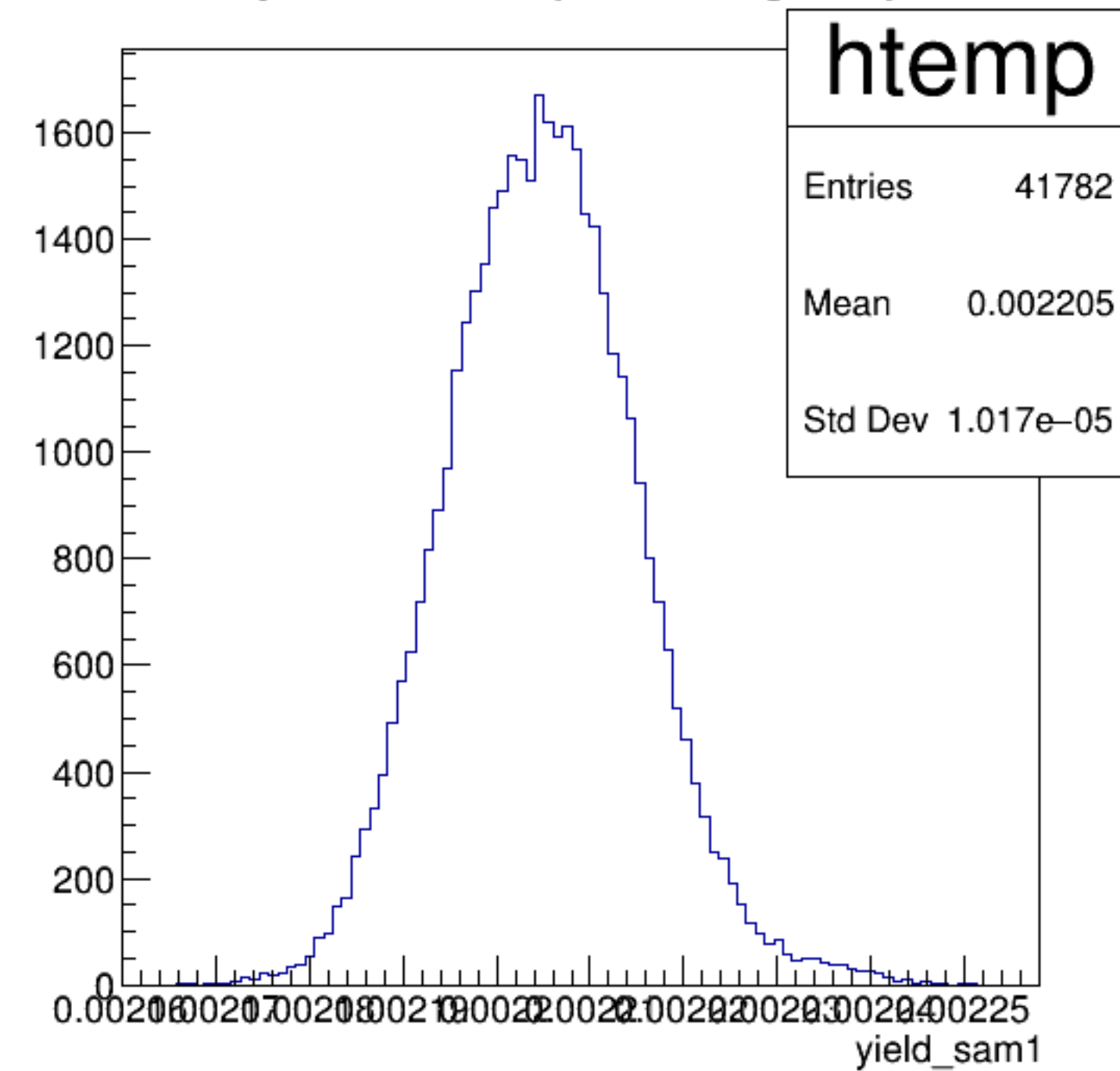


yield_sam1:pattern_number {ErrorFlag==0}

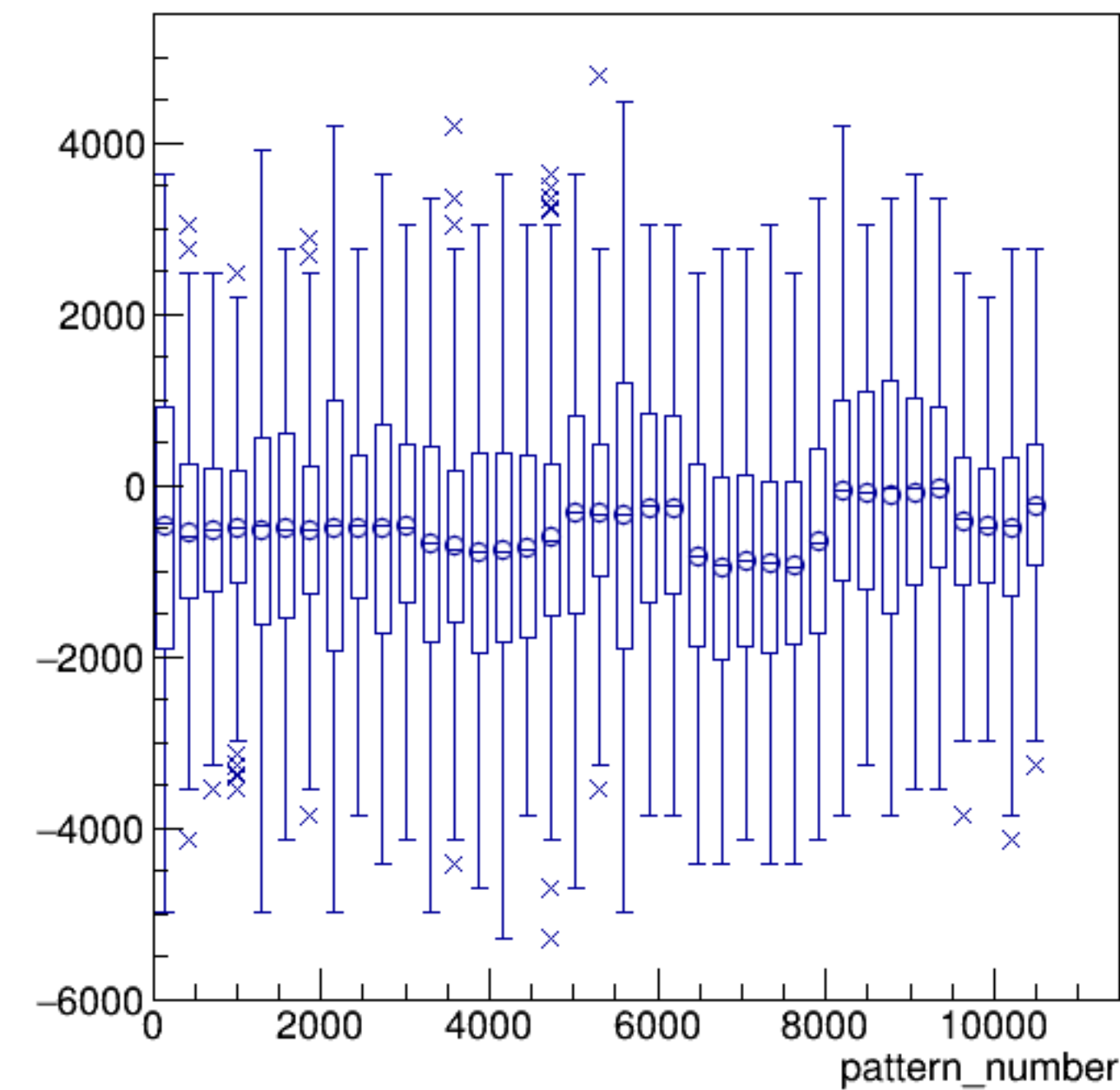


run4900_000_pairTree_sam1.png

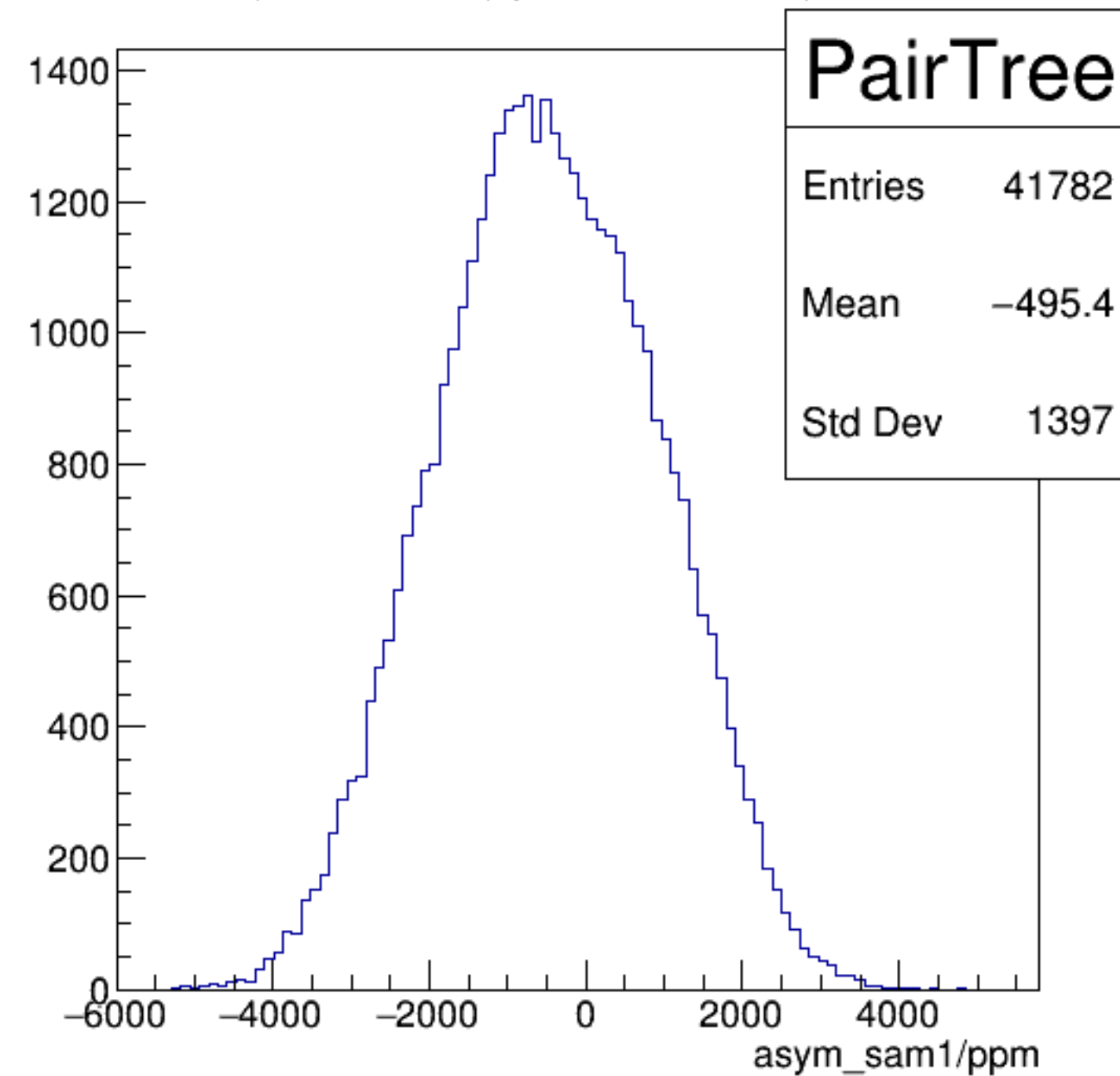
yield_sam1 {ErrorFlag==0}



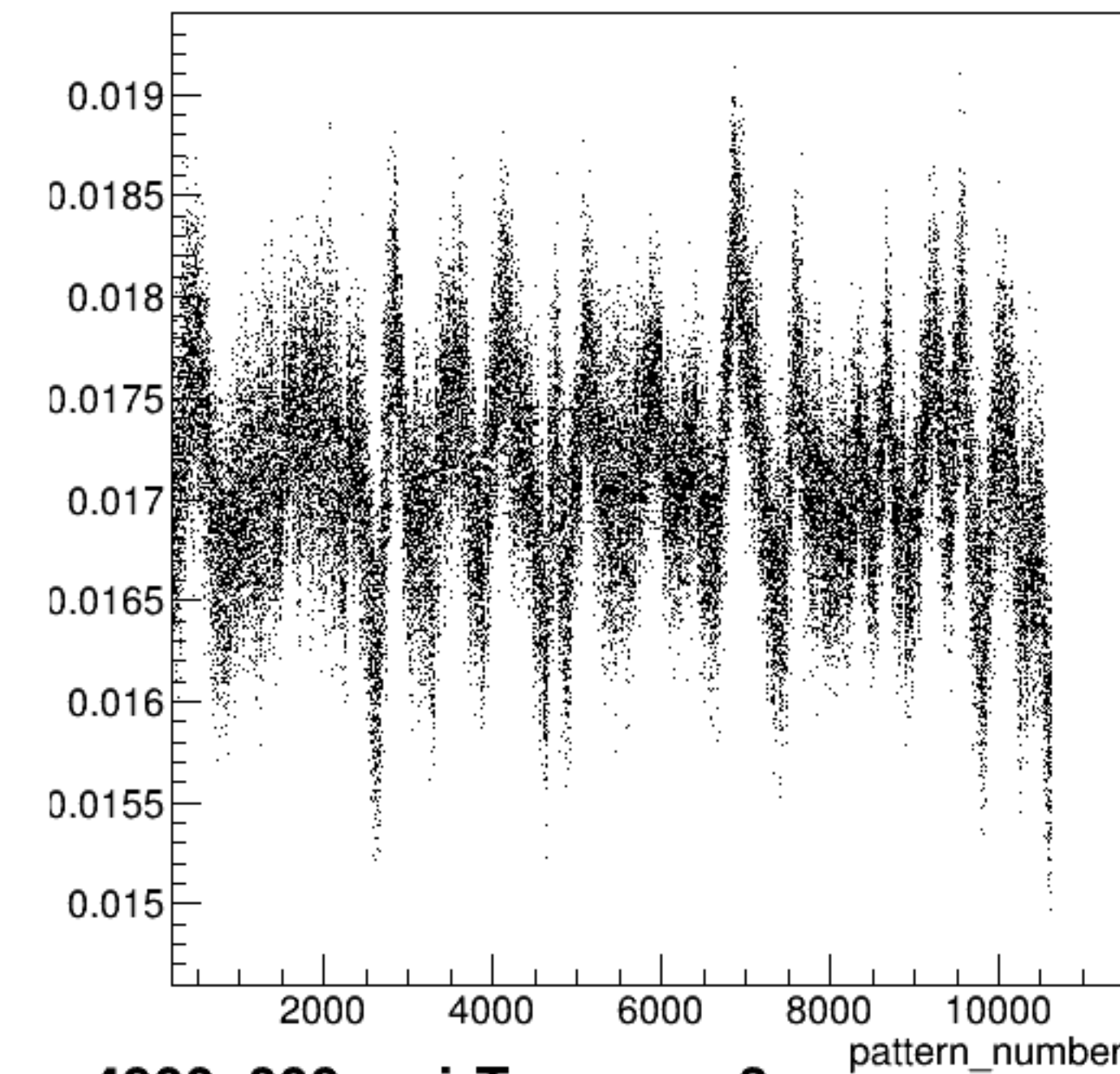
asym_sam1/ppm:pattern_number {ErrorFlag==0}



asym_sam1/ppm {ErrorFlag==0}

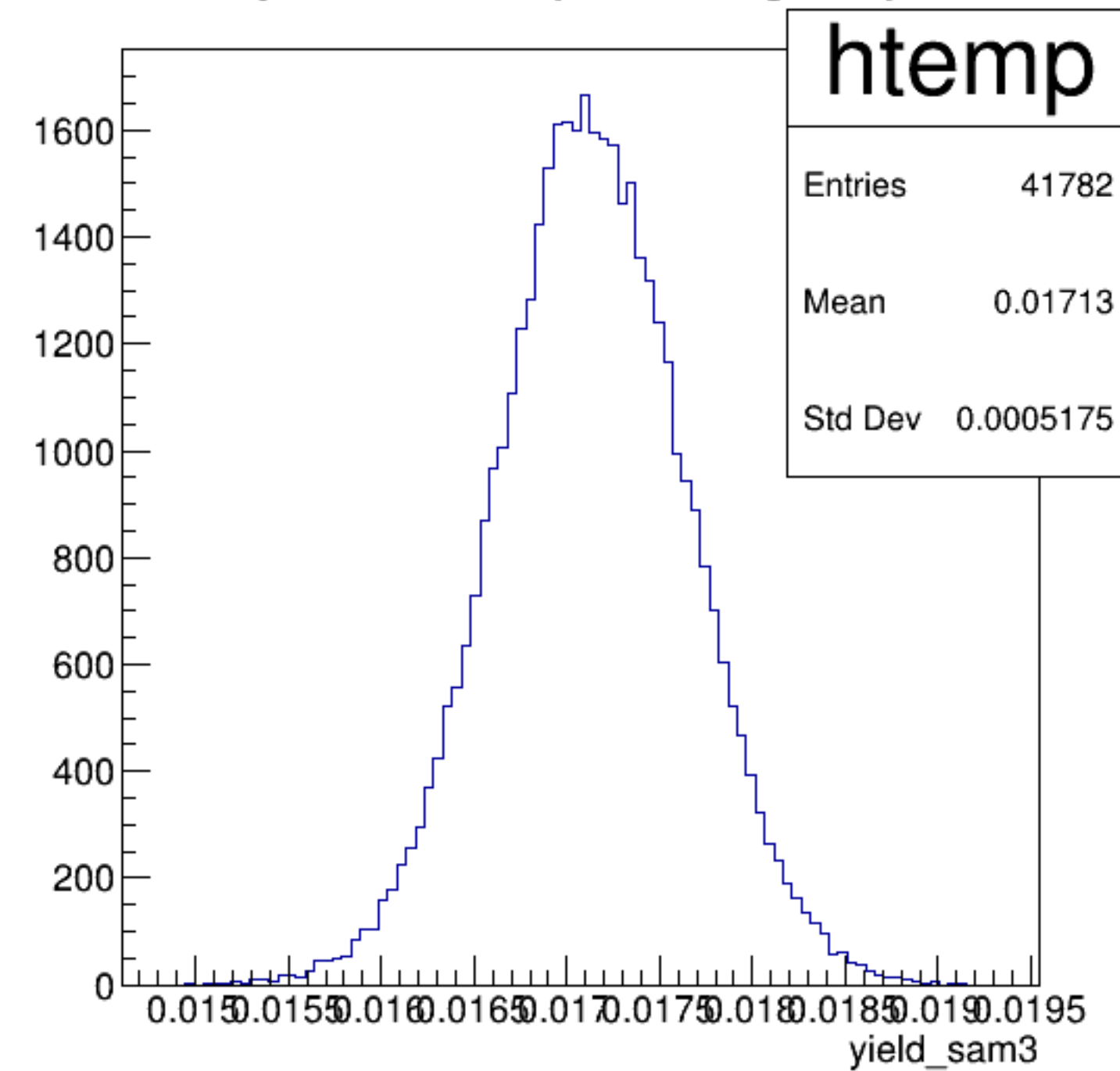


yield_sam3:pattern_number {ErrorFlag==0}

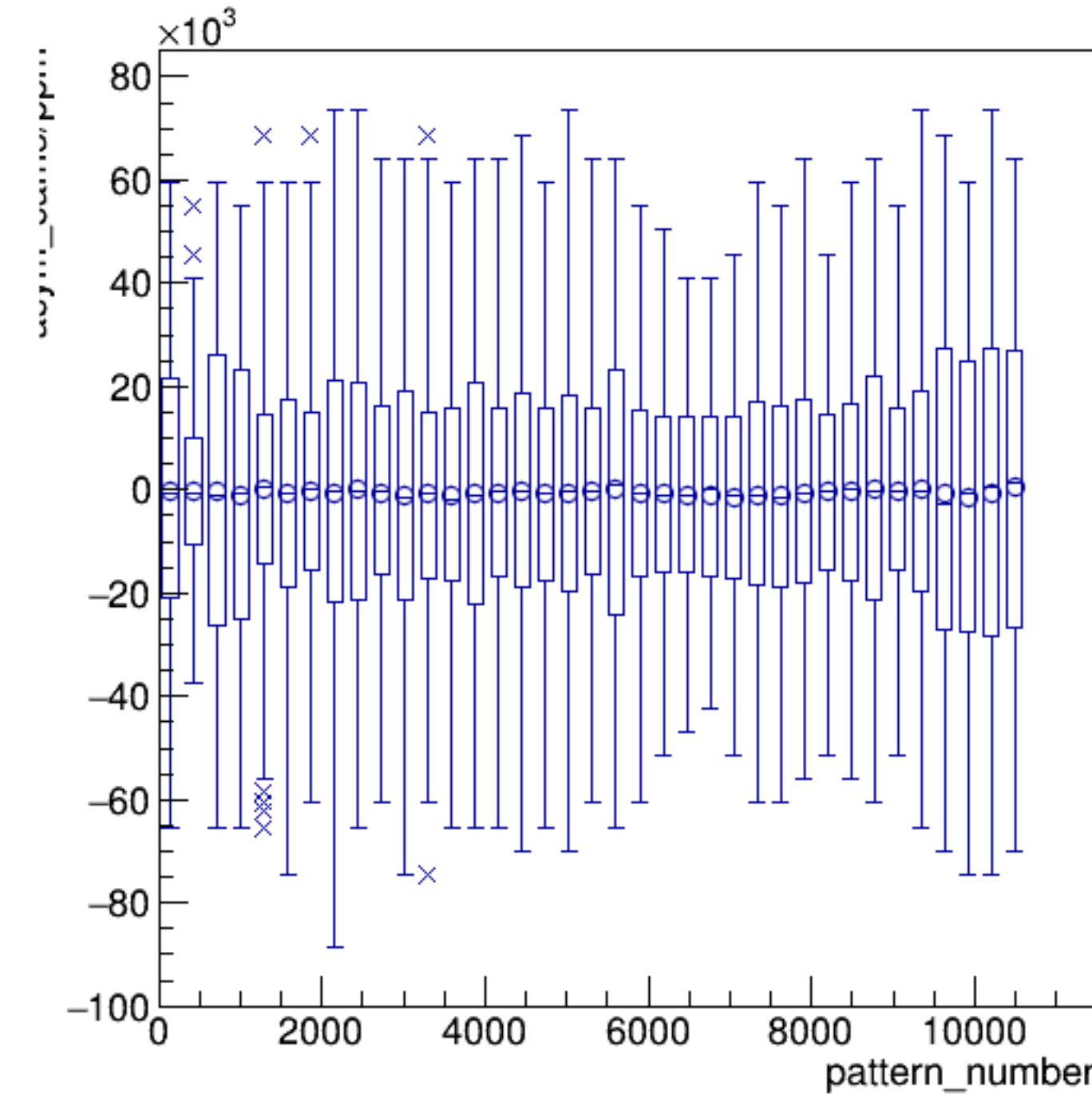


run4900_000_pairTree_sam3.png

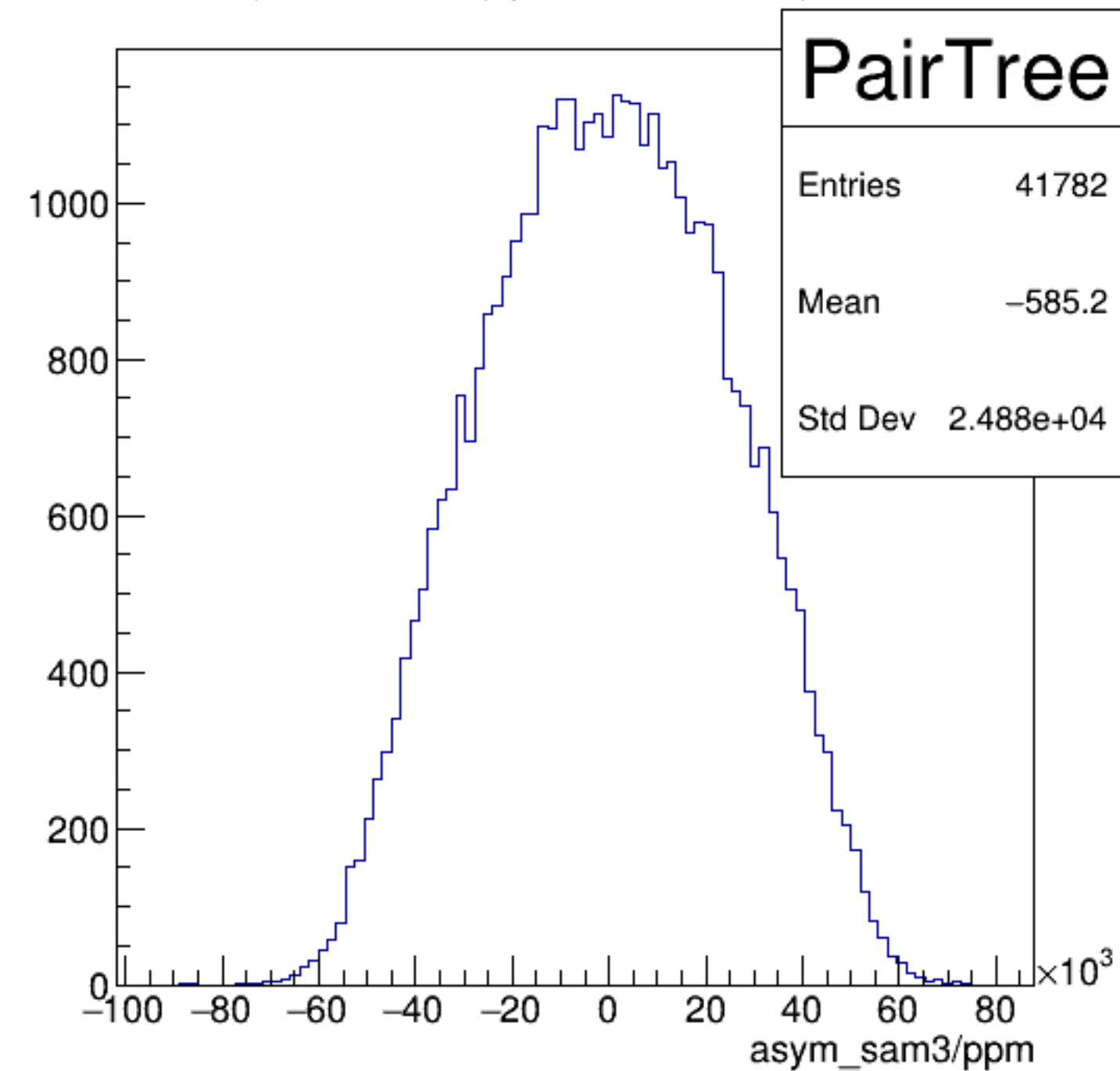
yield_sam3 {ErrorFlag==0}



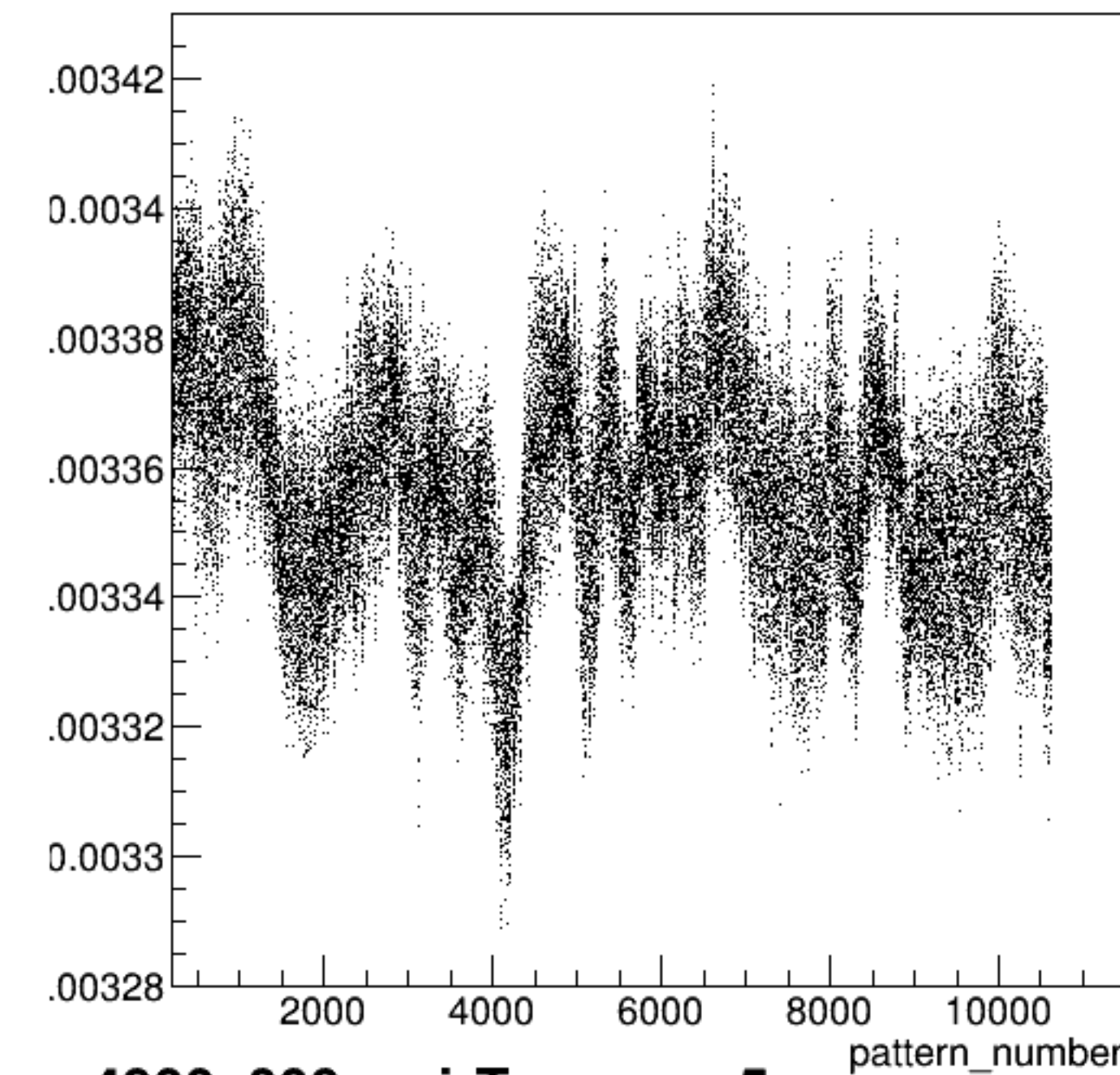
asym_sam3/ppm:pattern_number {ErrorFlag==0}



asym_sam3/ppm {ErrorFlag==0}

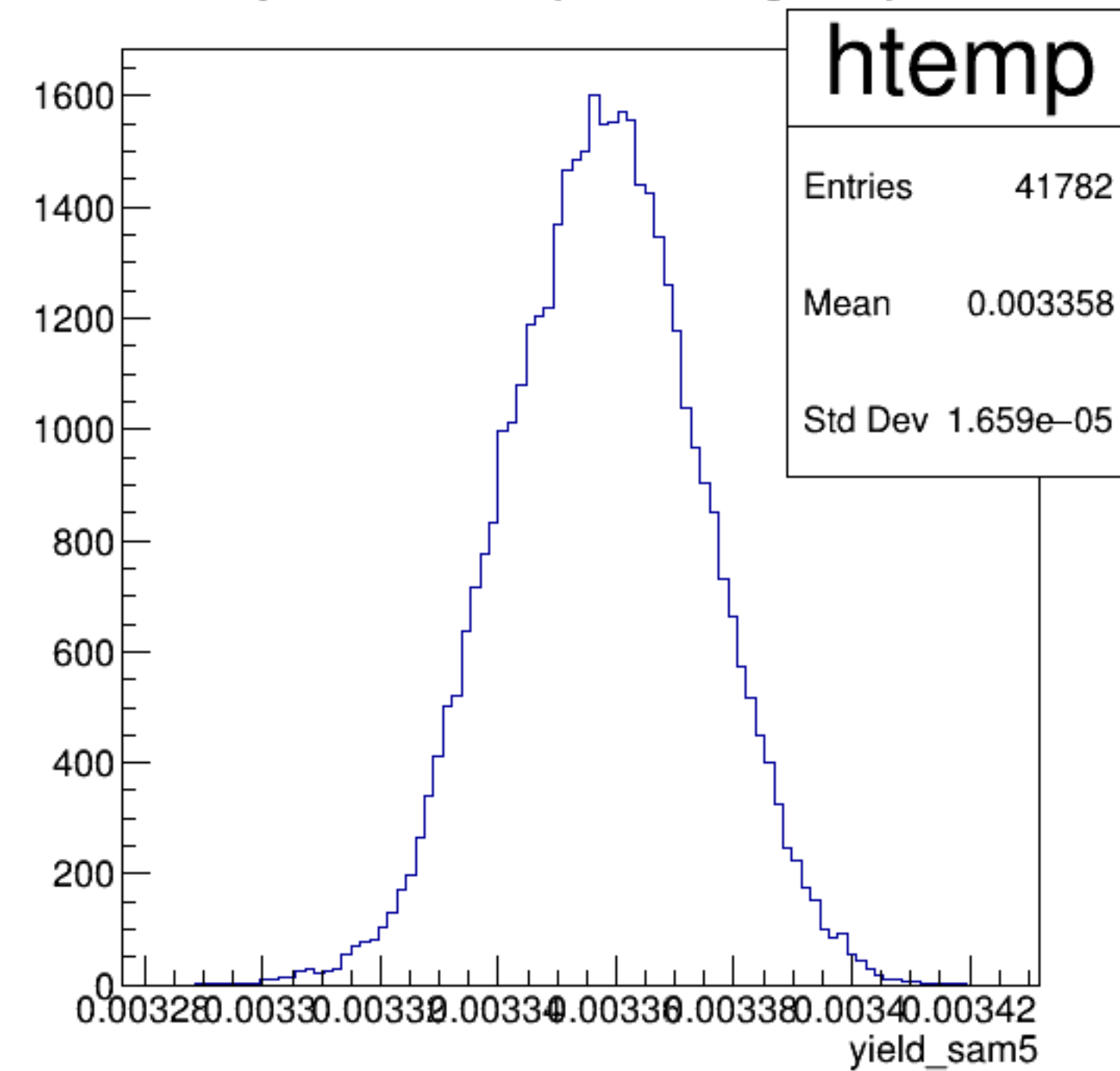


yield_sam5:pattern_number {ErrorFlag==0}

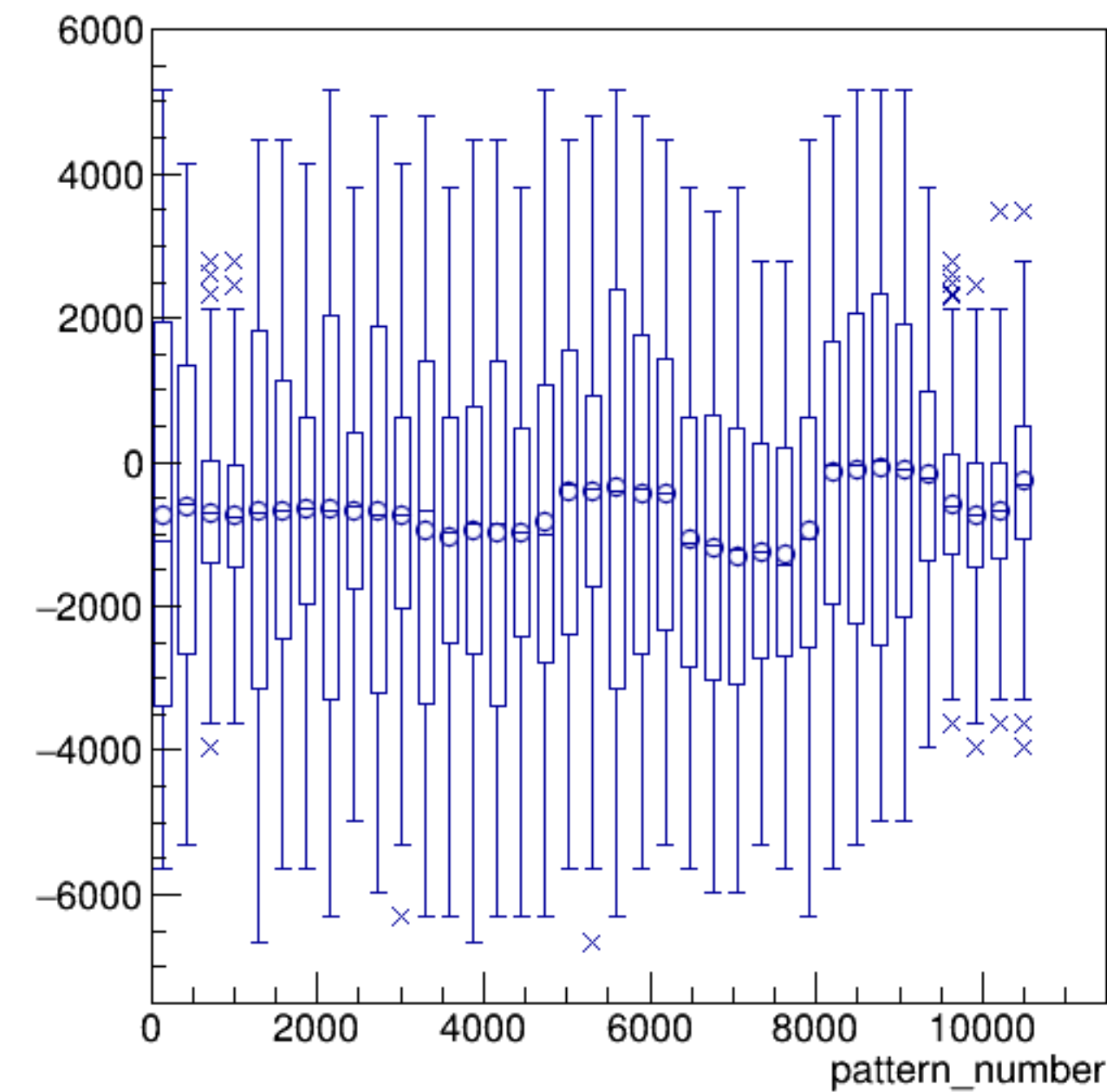


run4900_000_pairTree_sam5.png

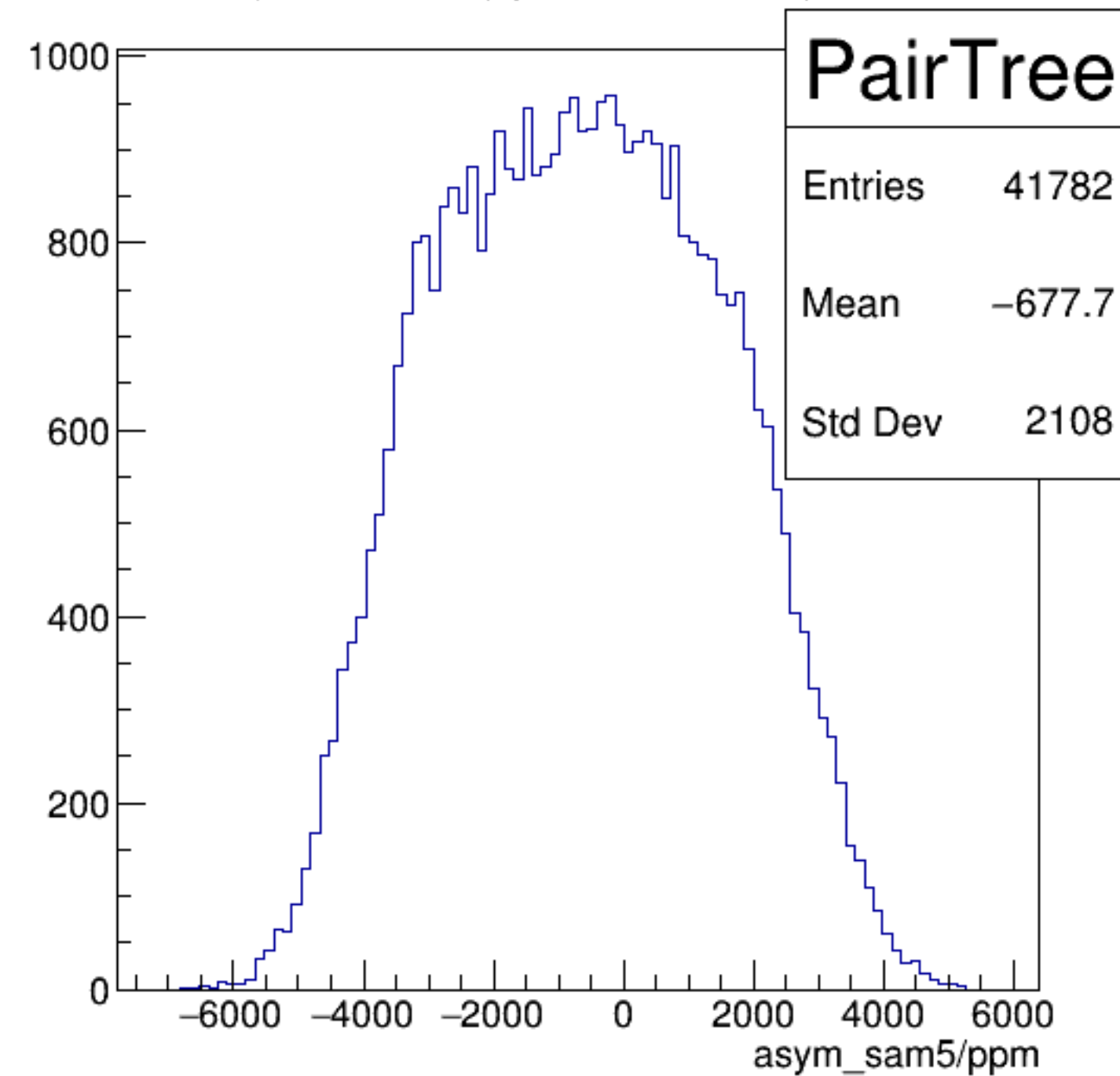
yield_sam5 {ErrorFlag==0}



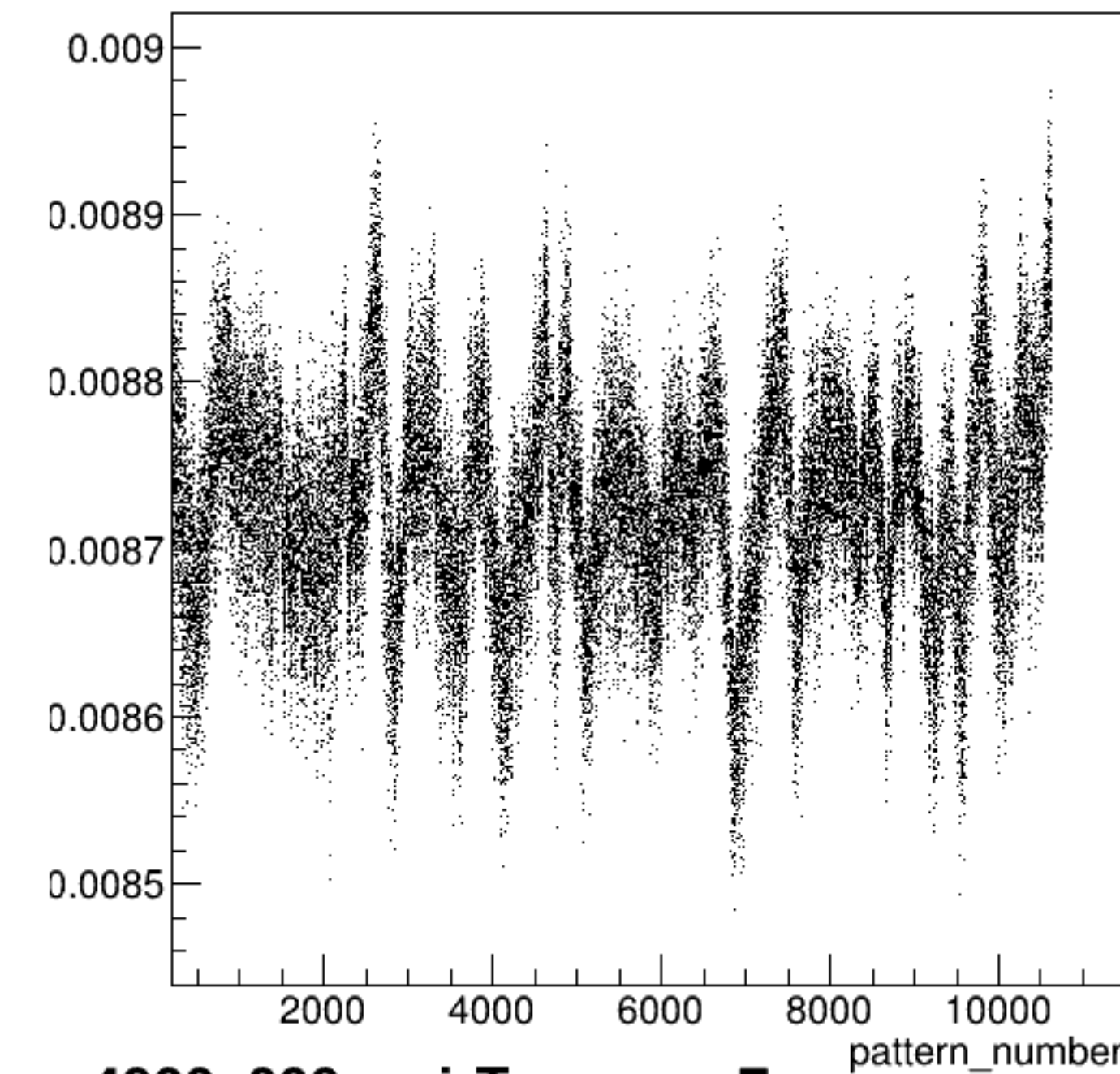
asym_sam5/ppm:pattern_number {ErrorFlag==0}



asym_sam5/ppm {ErrorFlag==0}

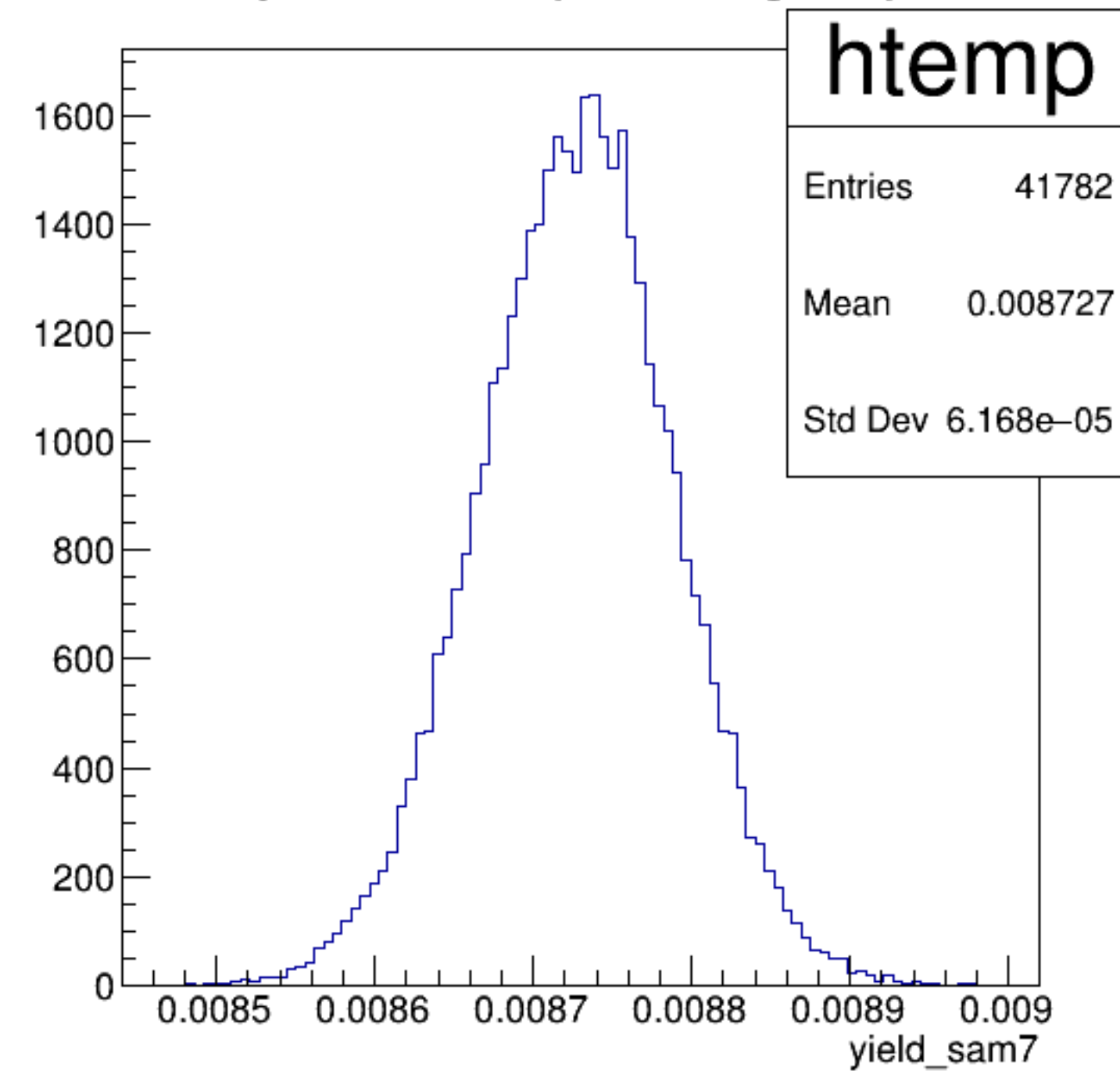


yield_sam7:pattern_number {ErrorFlag==0}

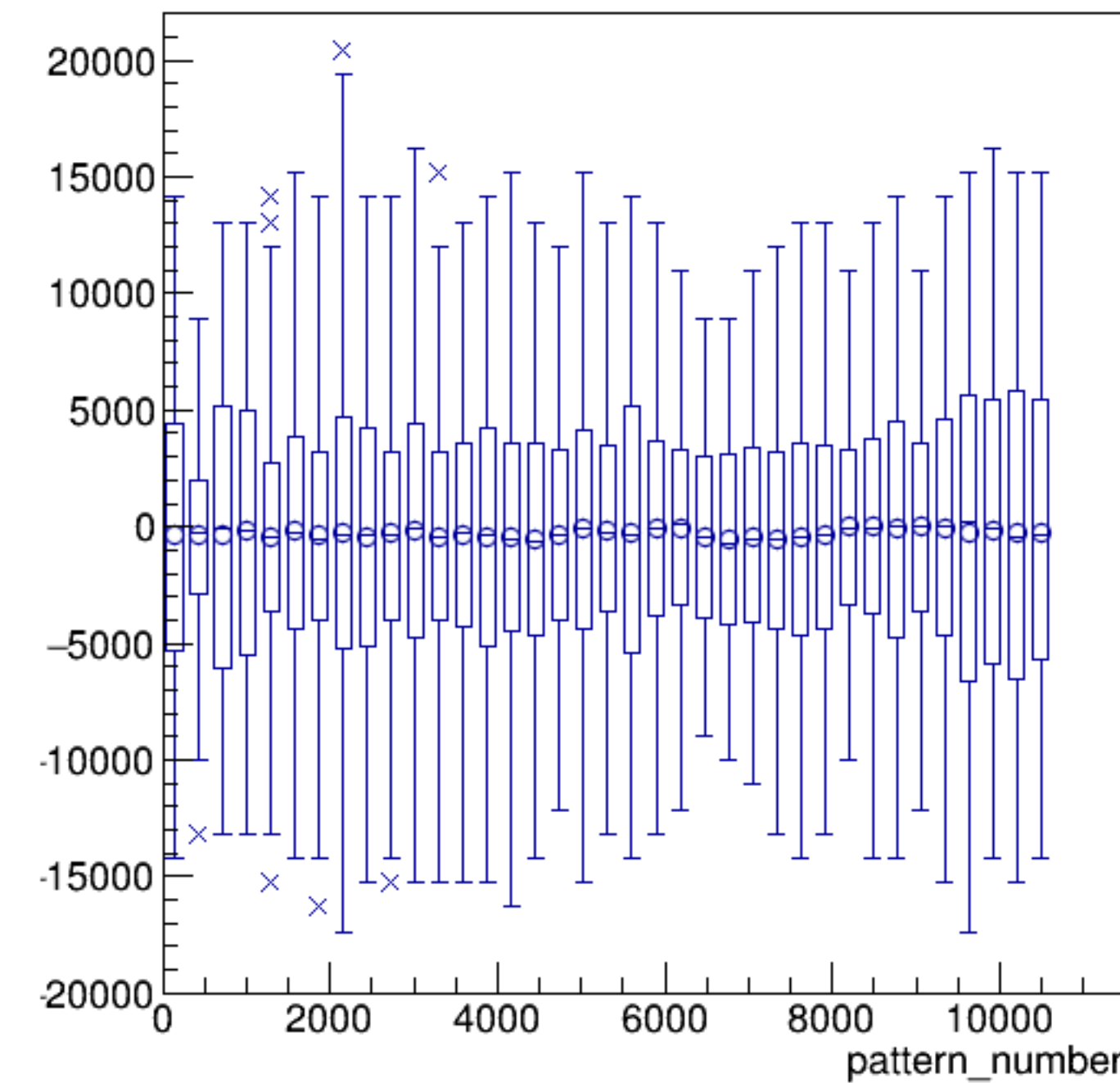


run4900_000_pairTree_sam7.png

yield_sam7 {ErrorFlag==0}



asym_sam7/ppm:pattern_number {ErrorFlag==0}



asym_sam7/ppm {ErrorFlag==0}

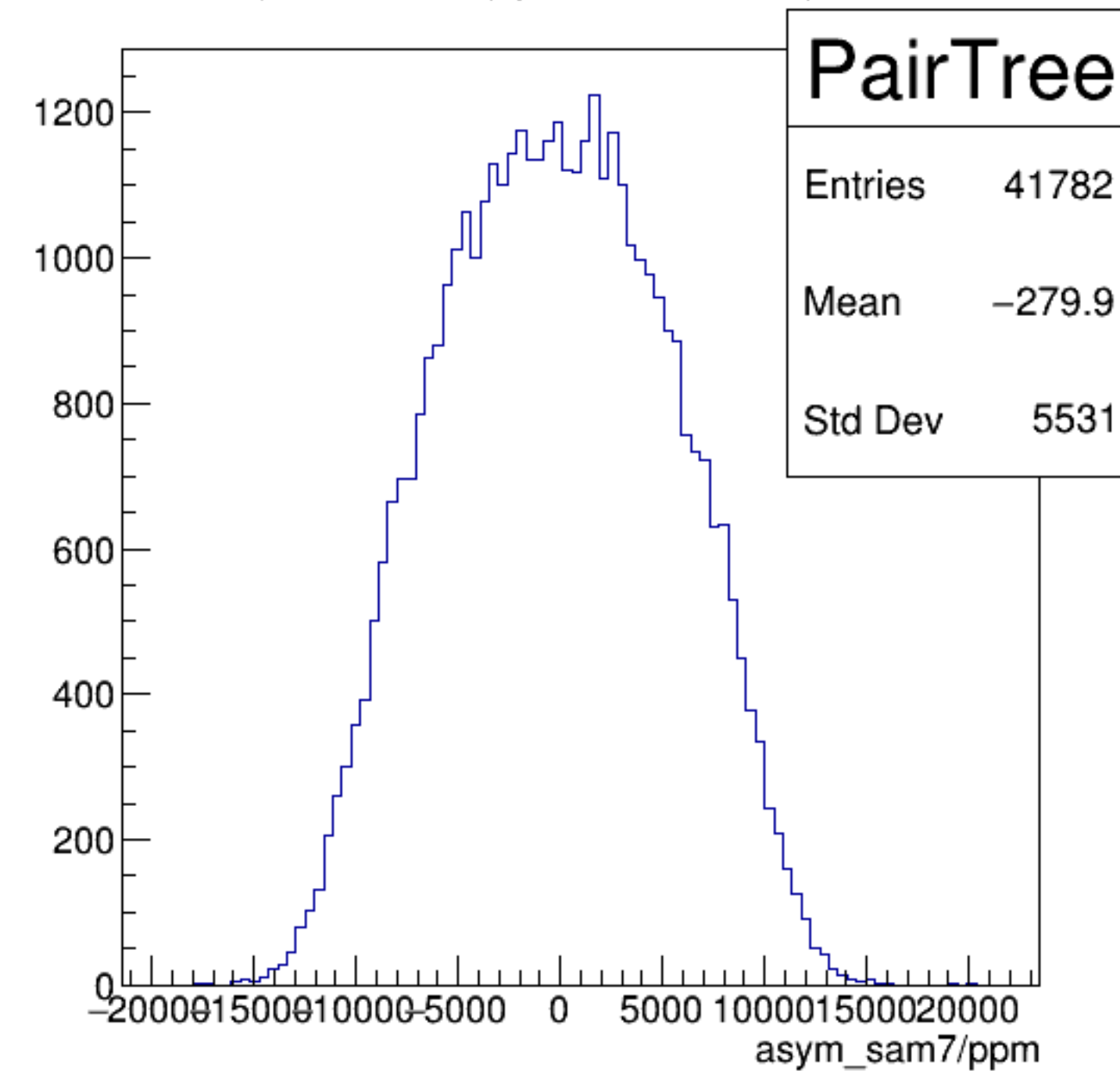
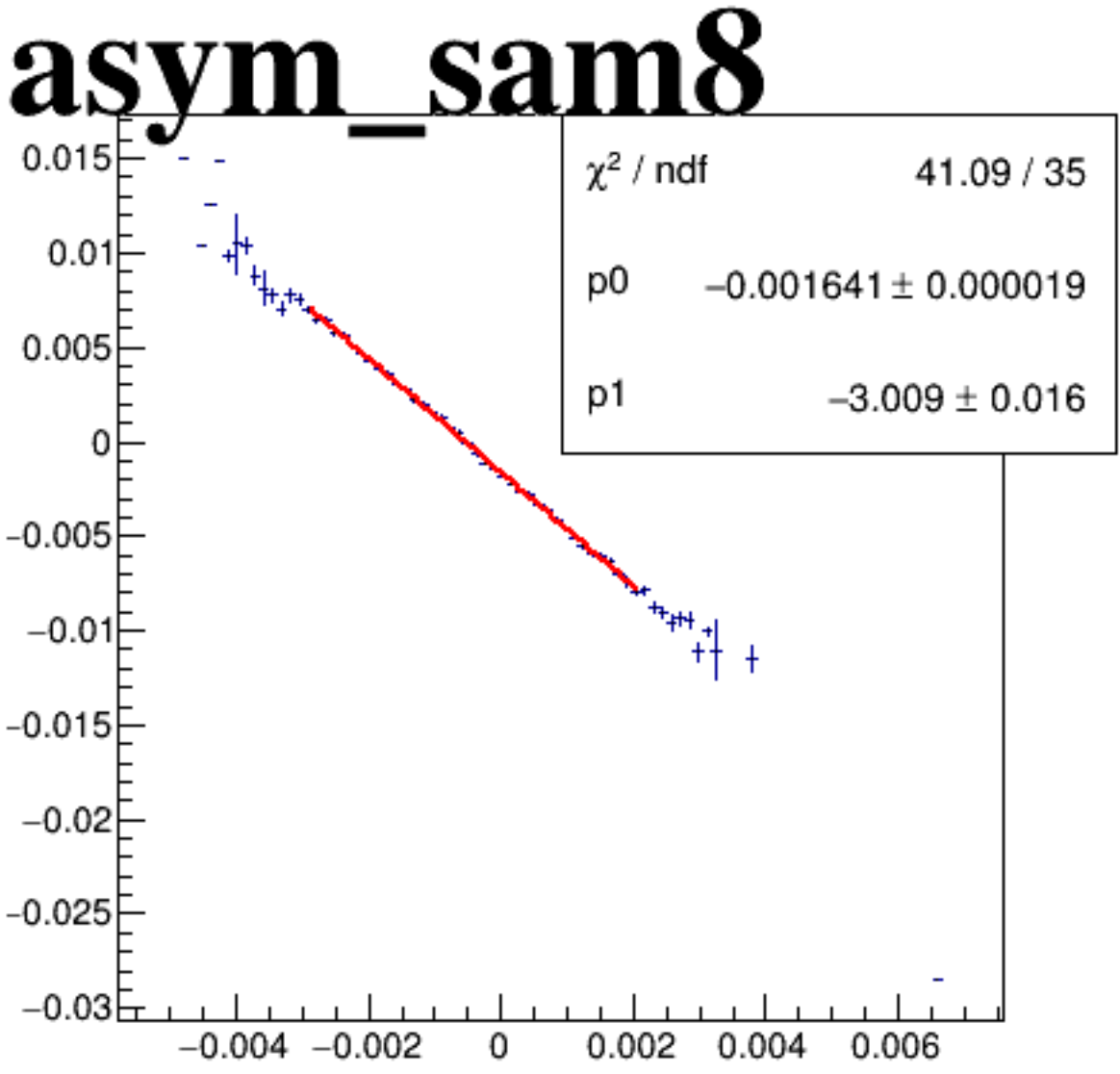
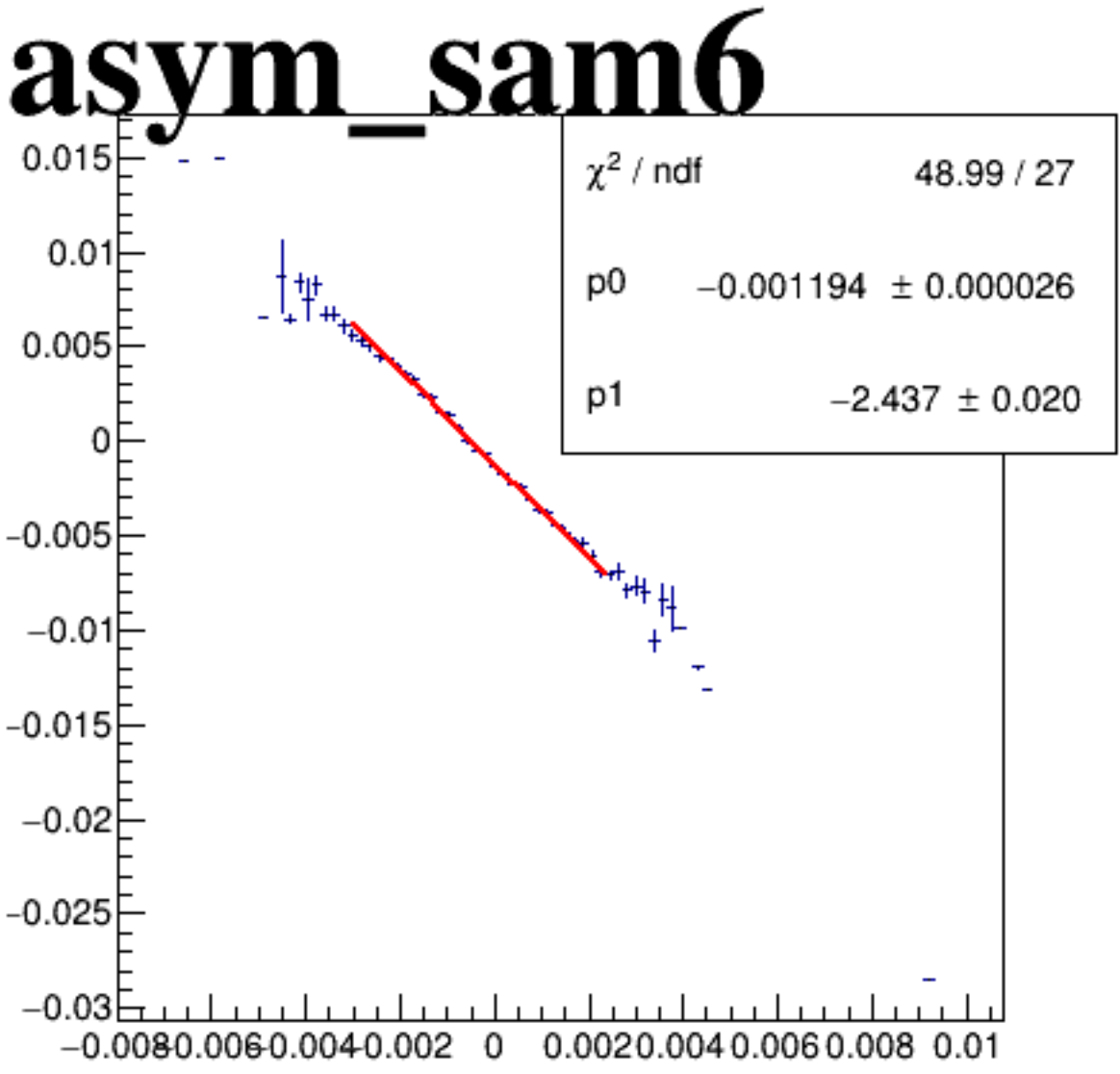
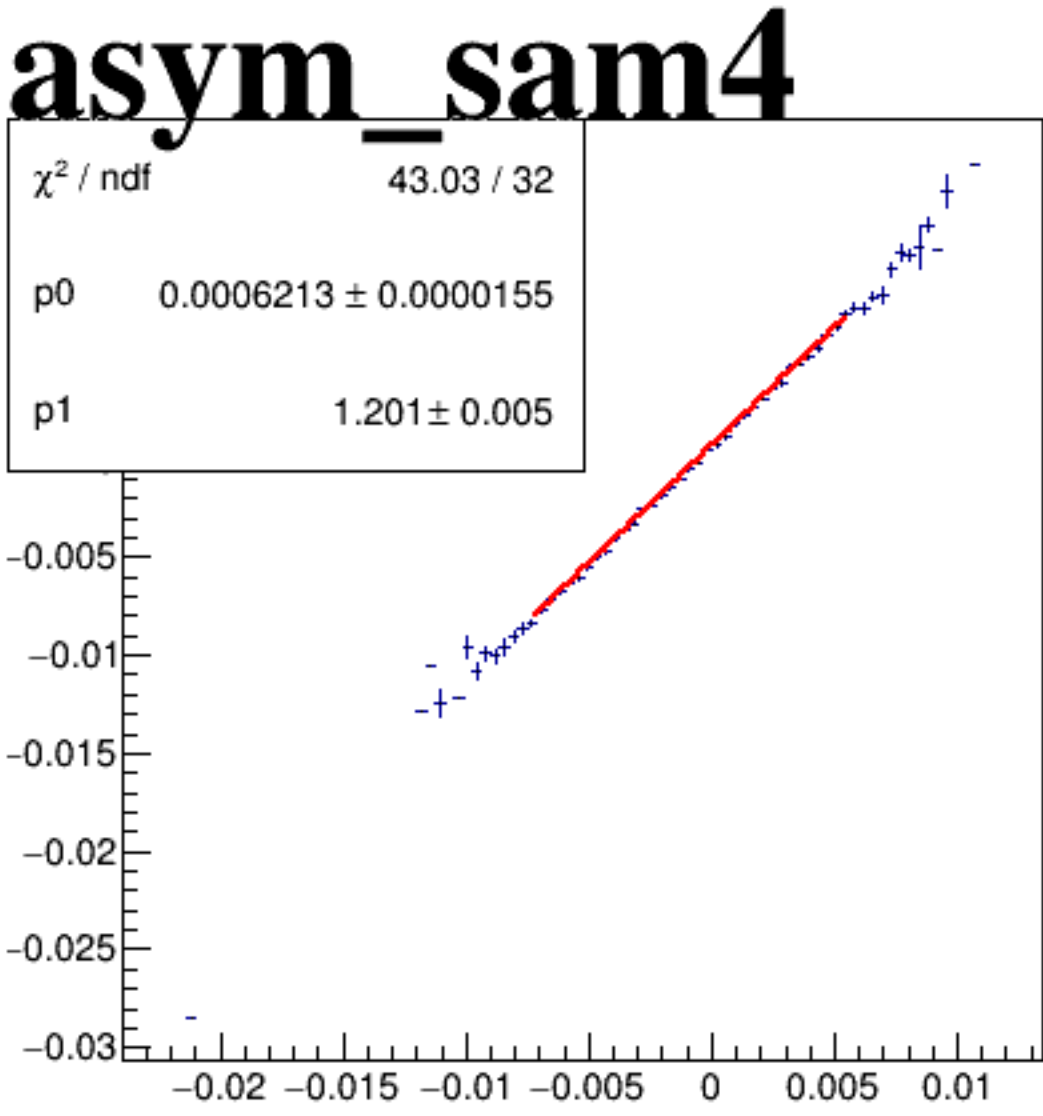
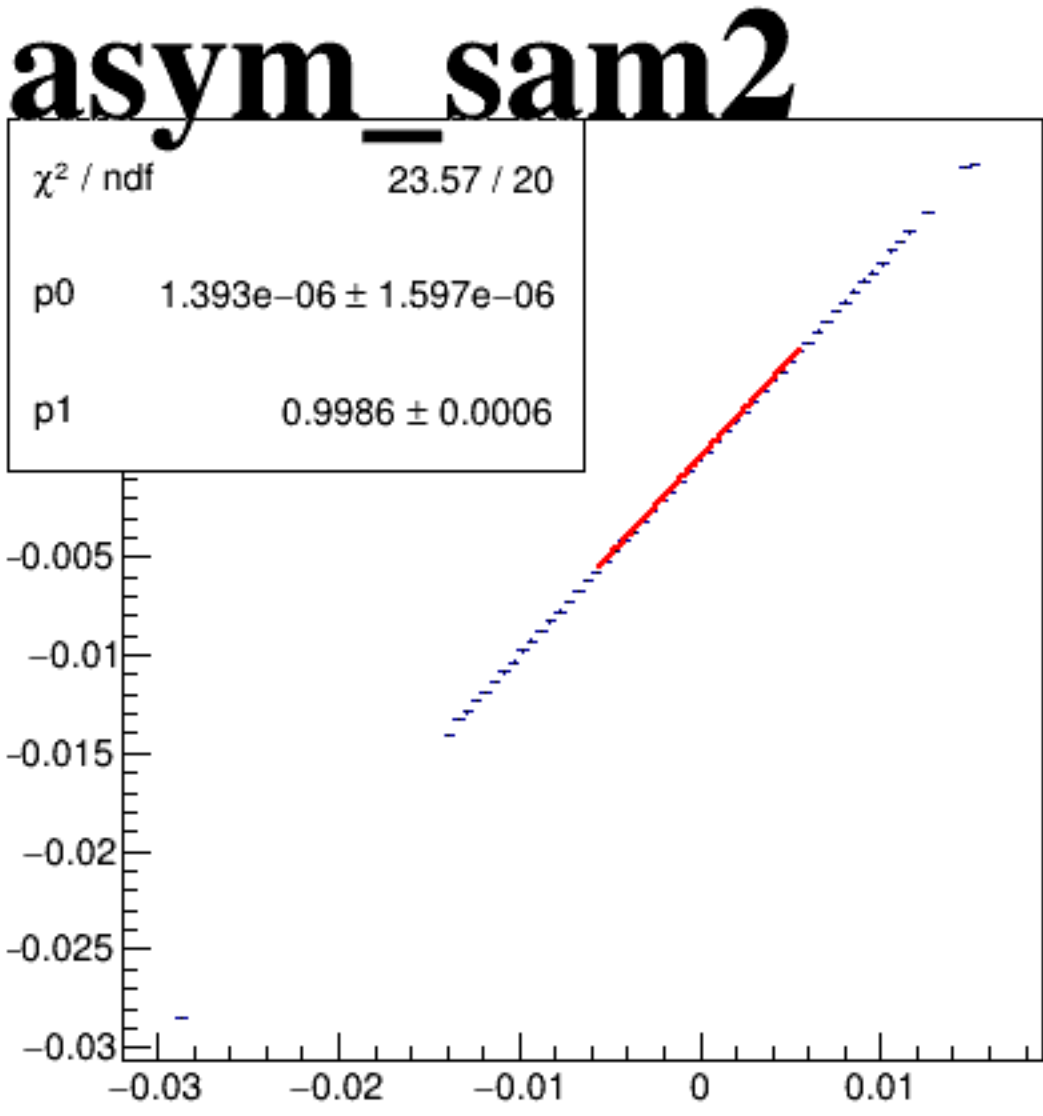
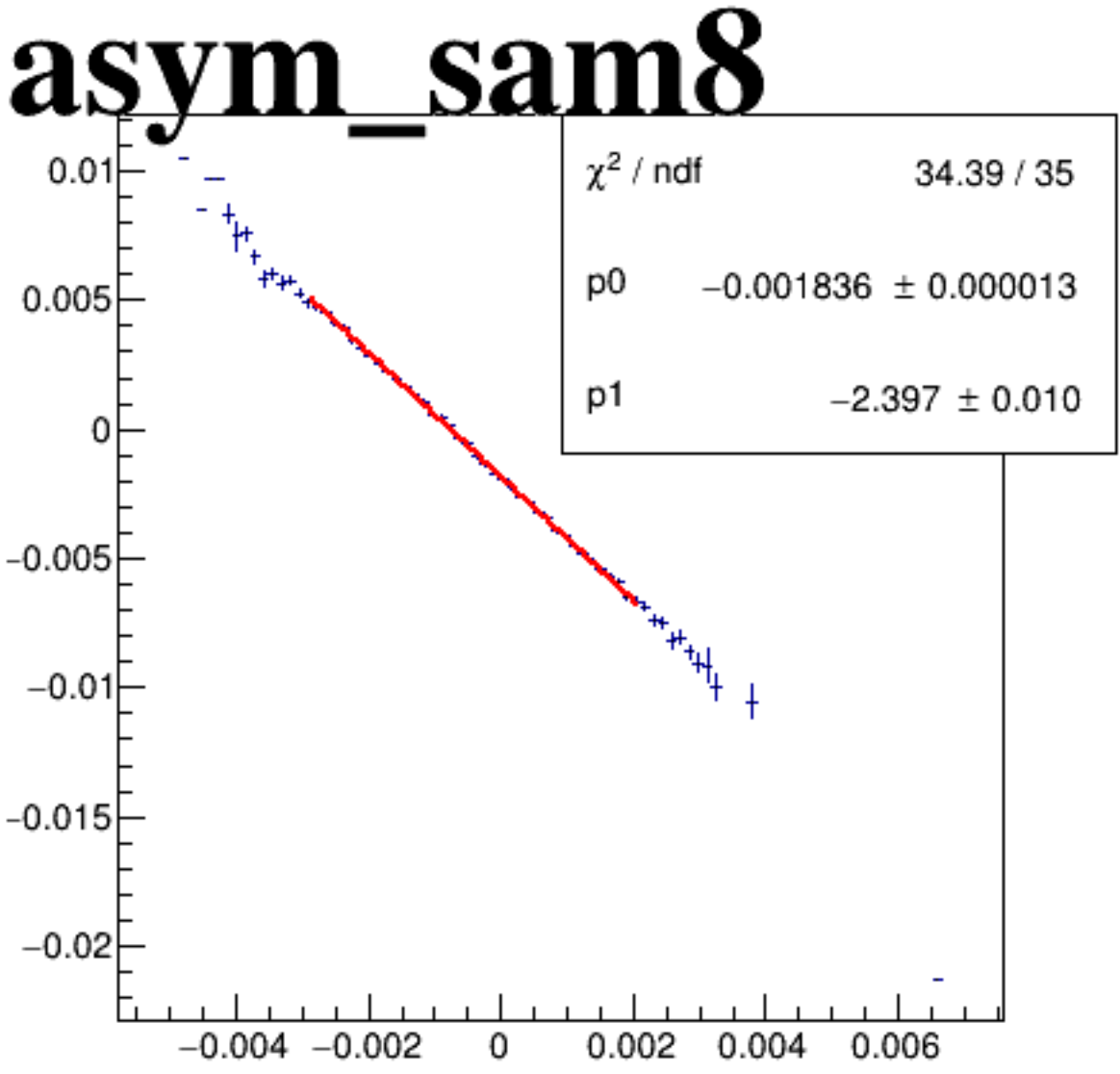
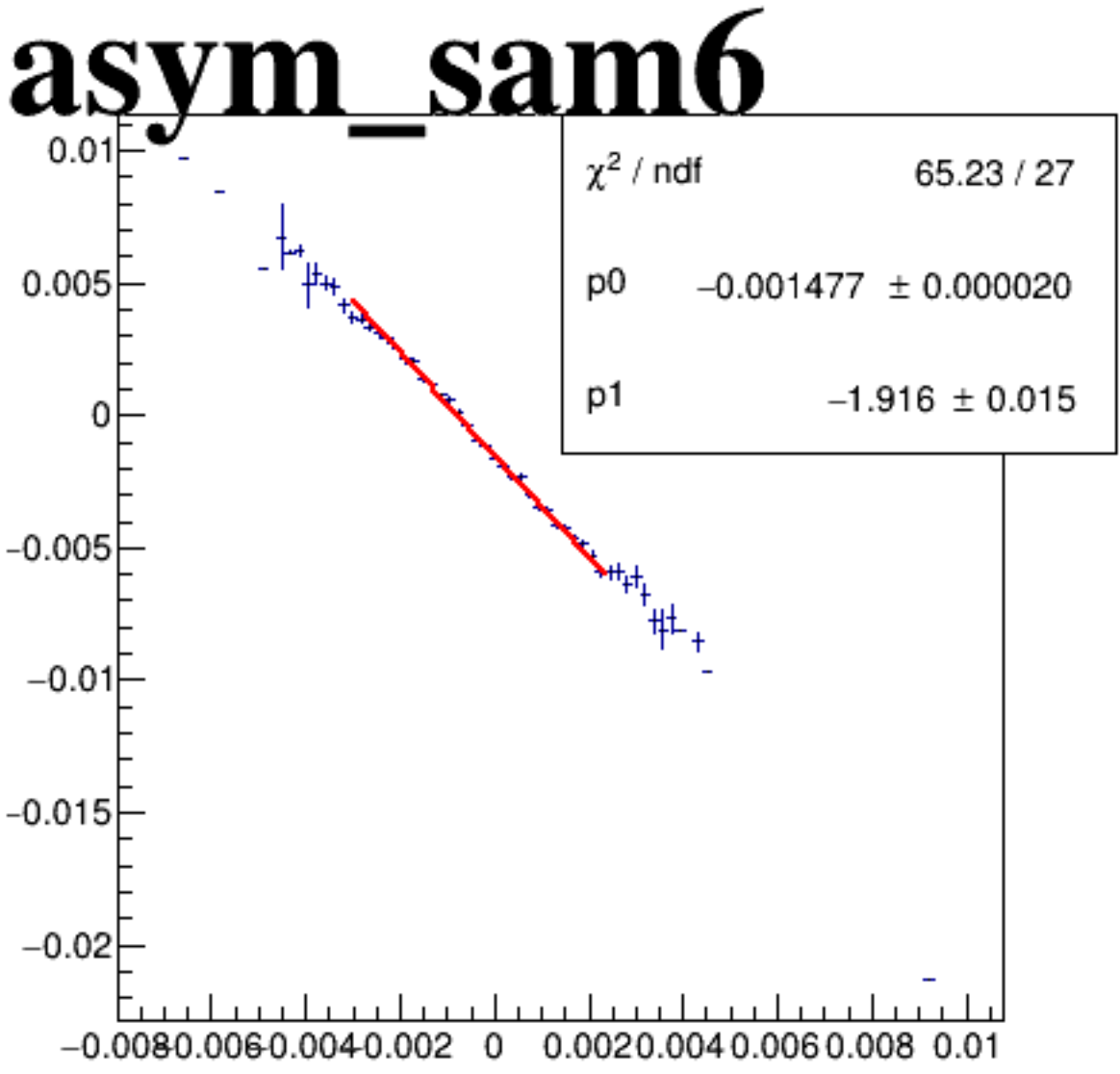
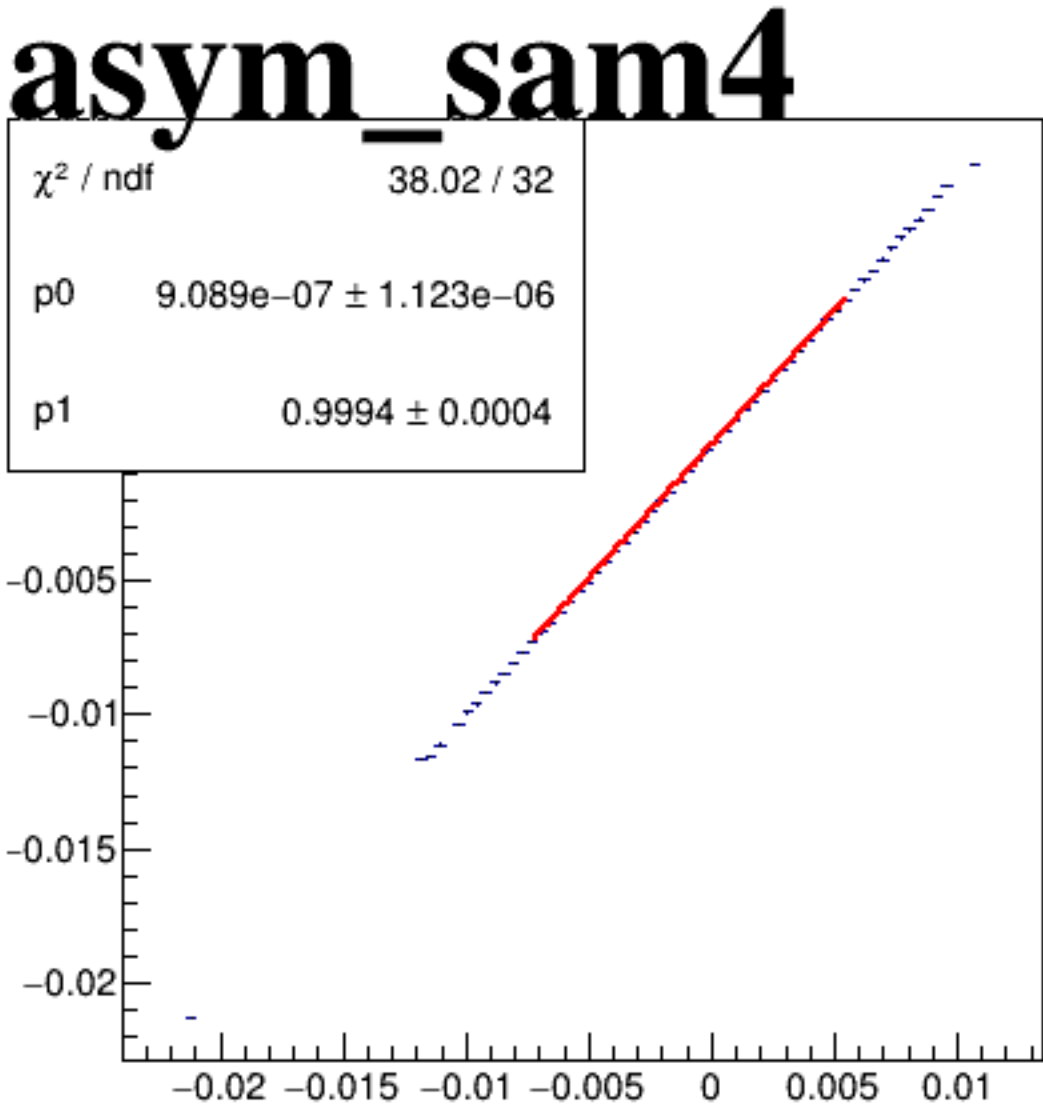
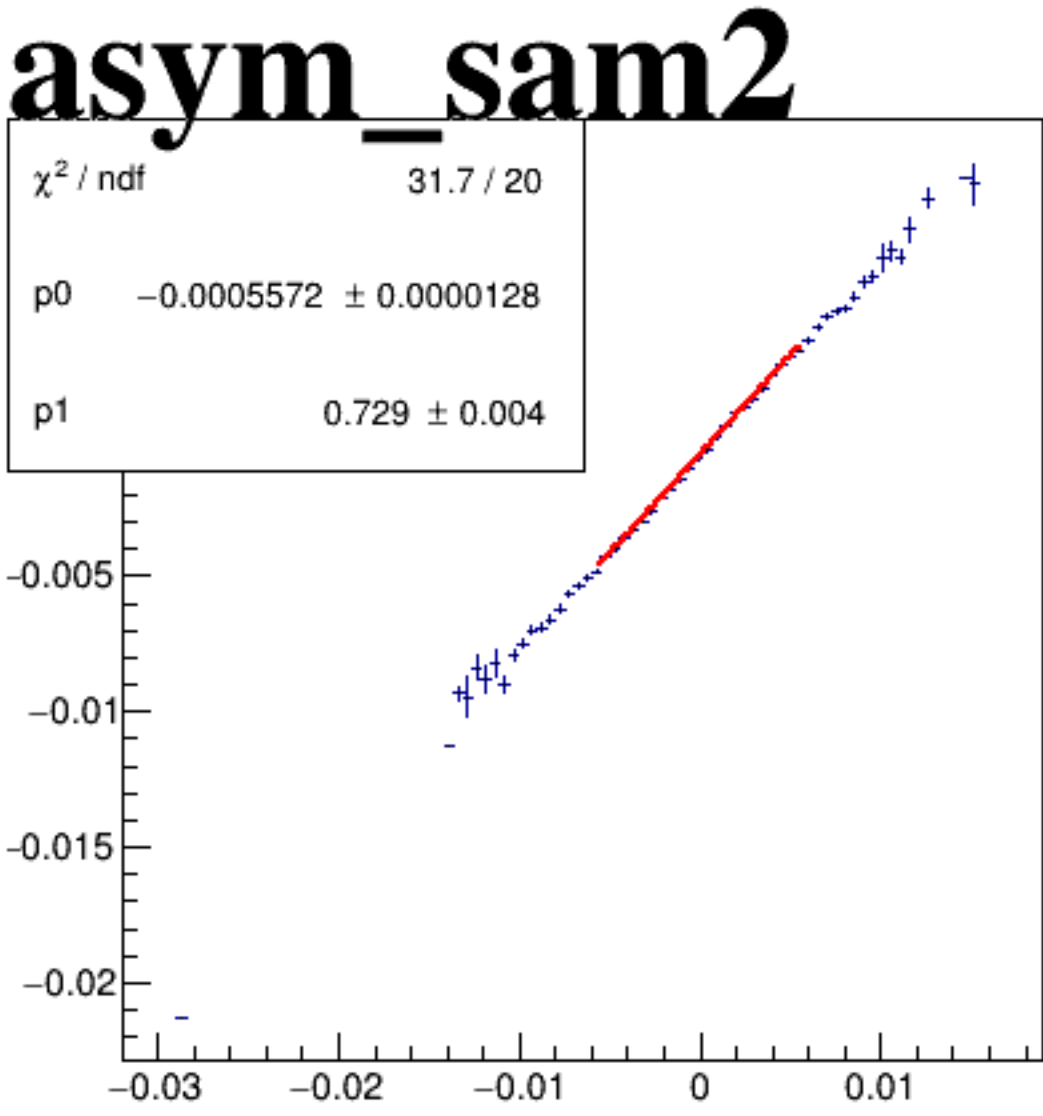


Figure 1 displays four heatmaps showing the mutual correlation of the first 7 principal components (PCs) for different sample sizes ($n=2, 4, 6, 8$). The x and y axes represent the PCs, and the color scale indicates the correlation strength. The correlation is highest for the first PC and decreases as the sample size increases.

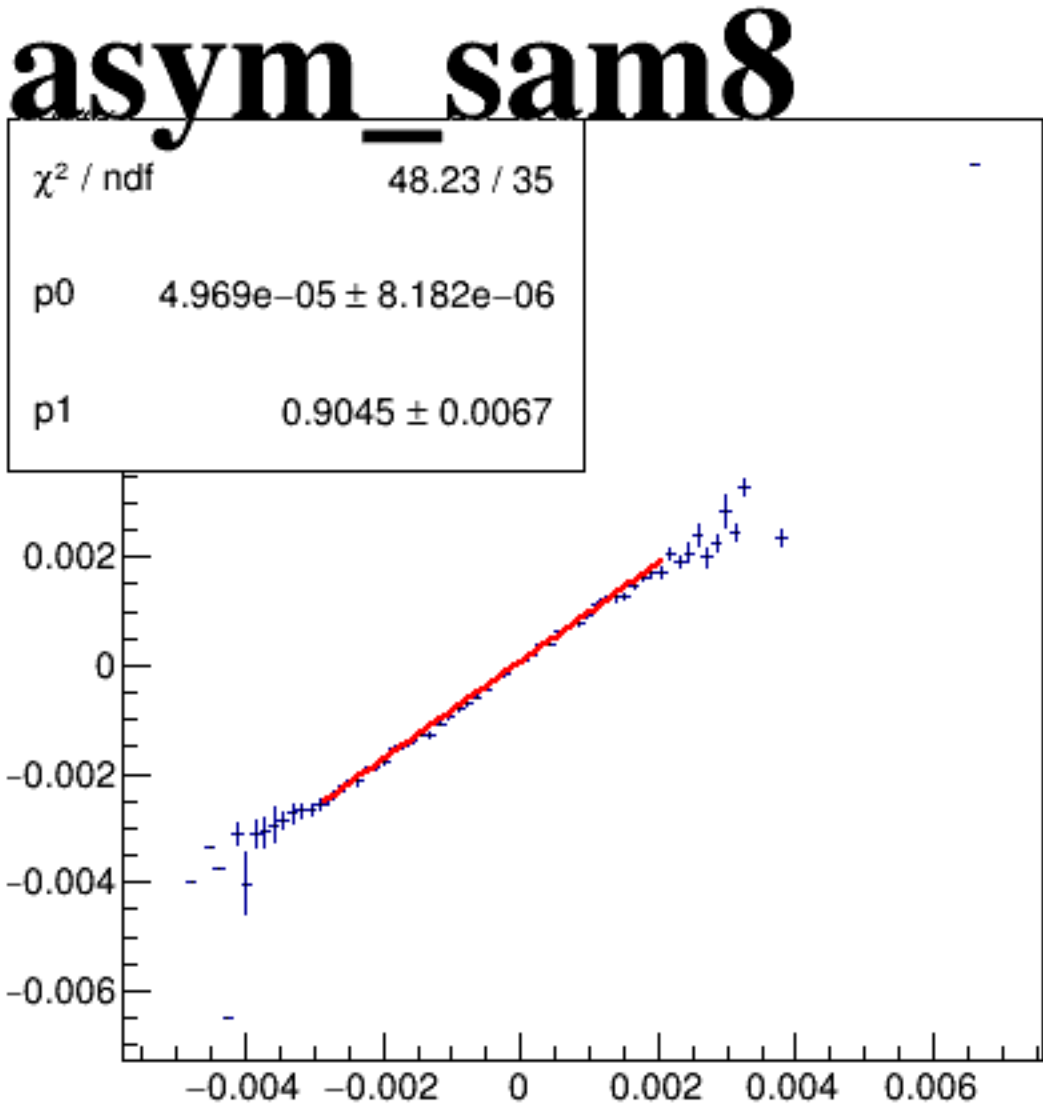
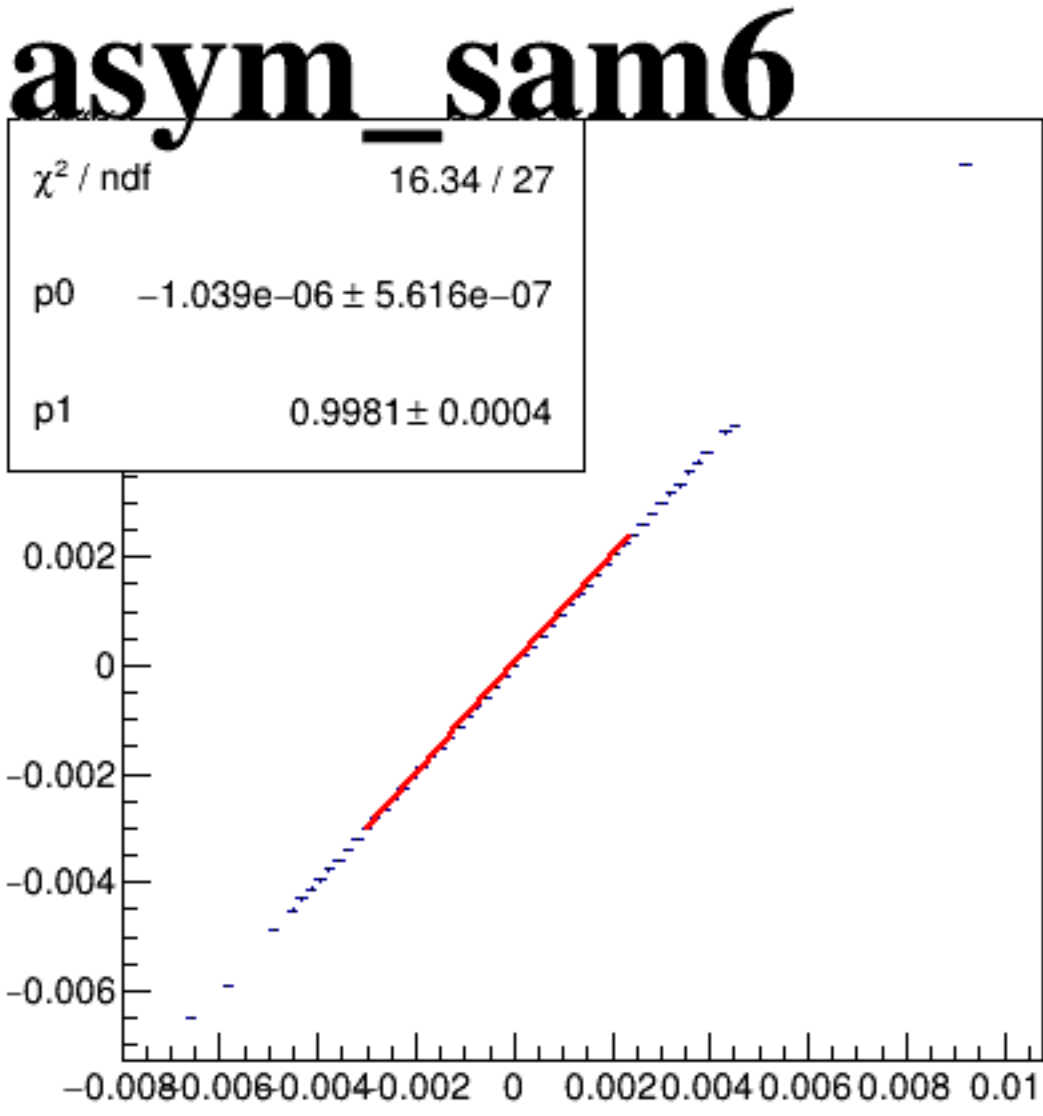
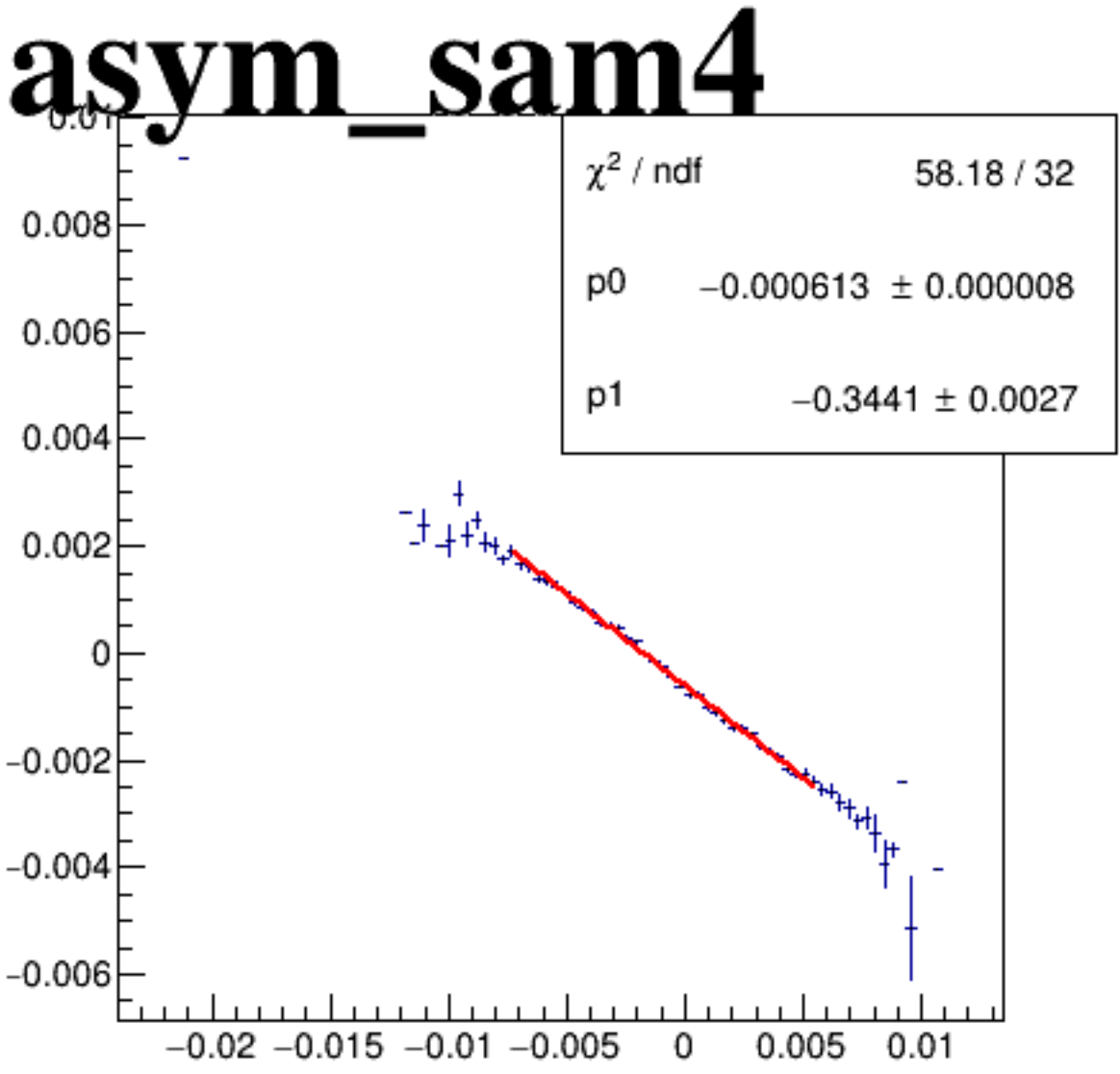
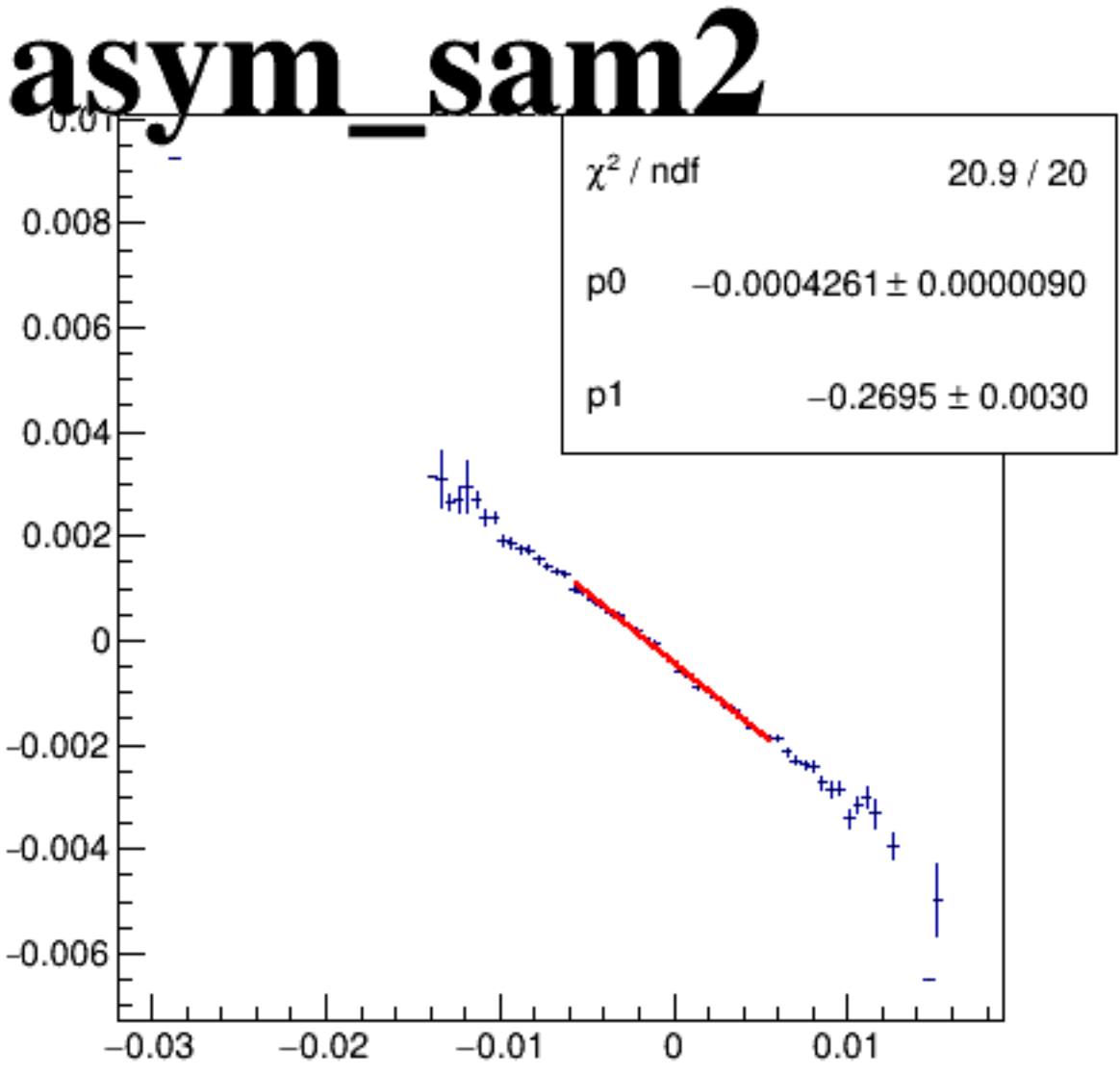
asym_sam2



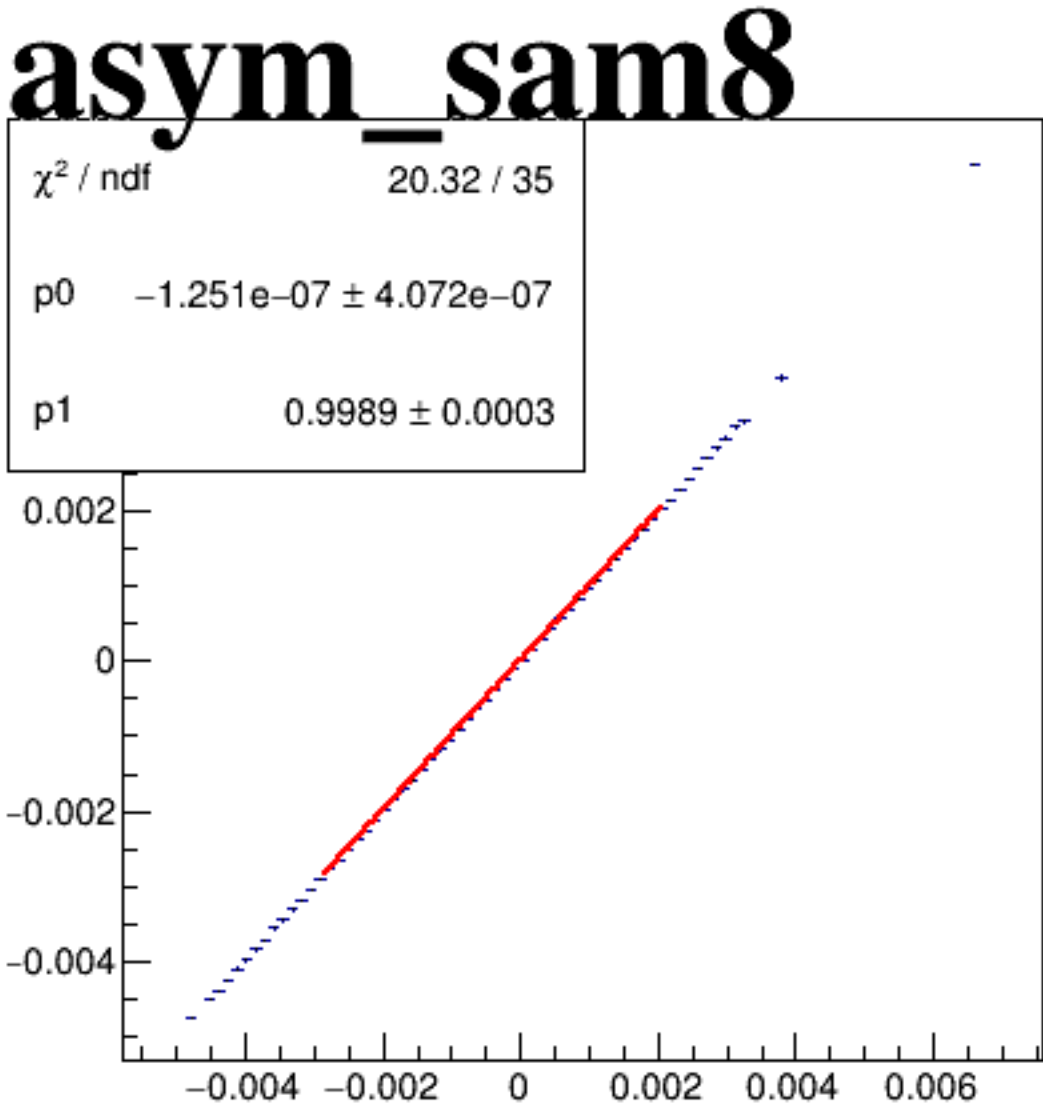
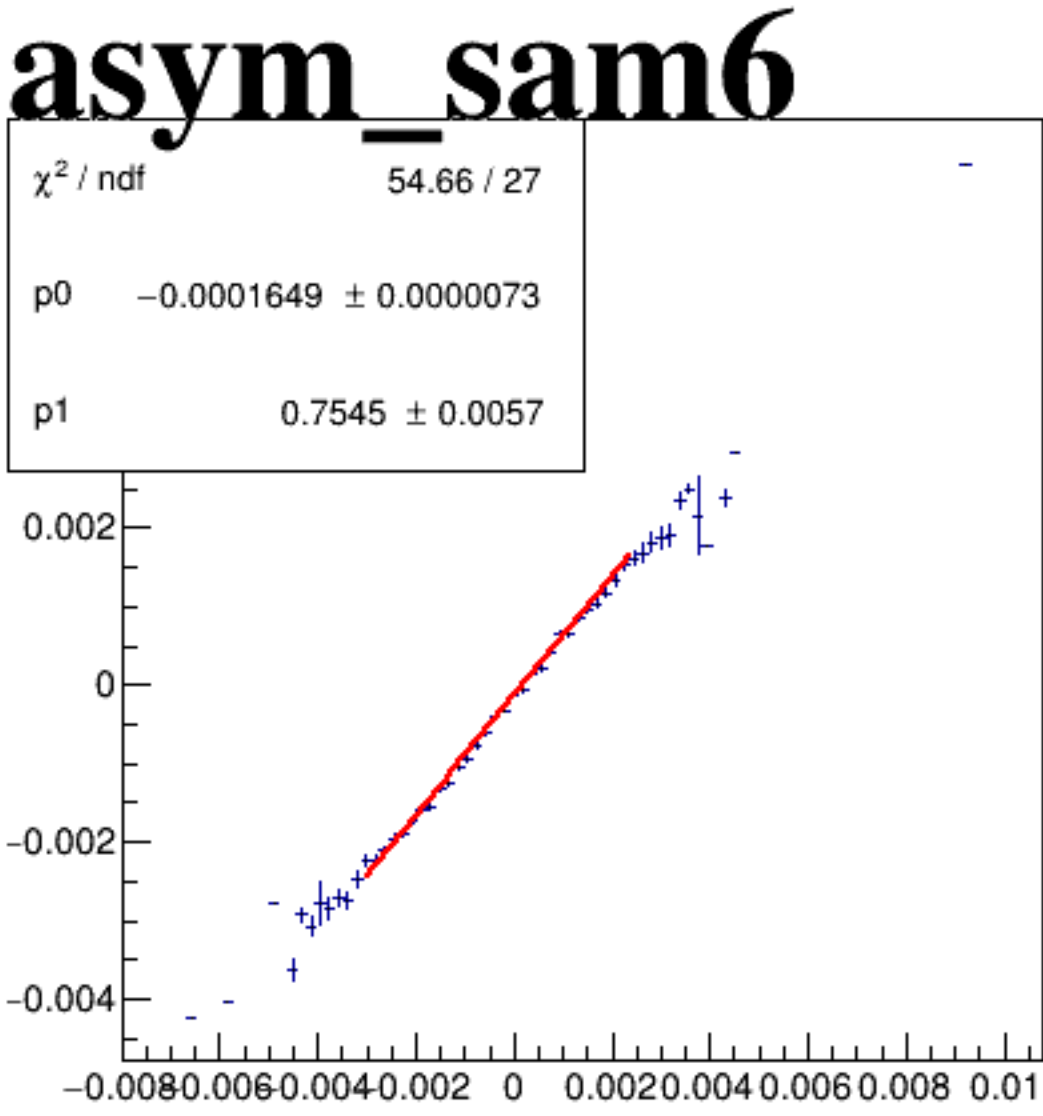
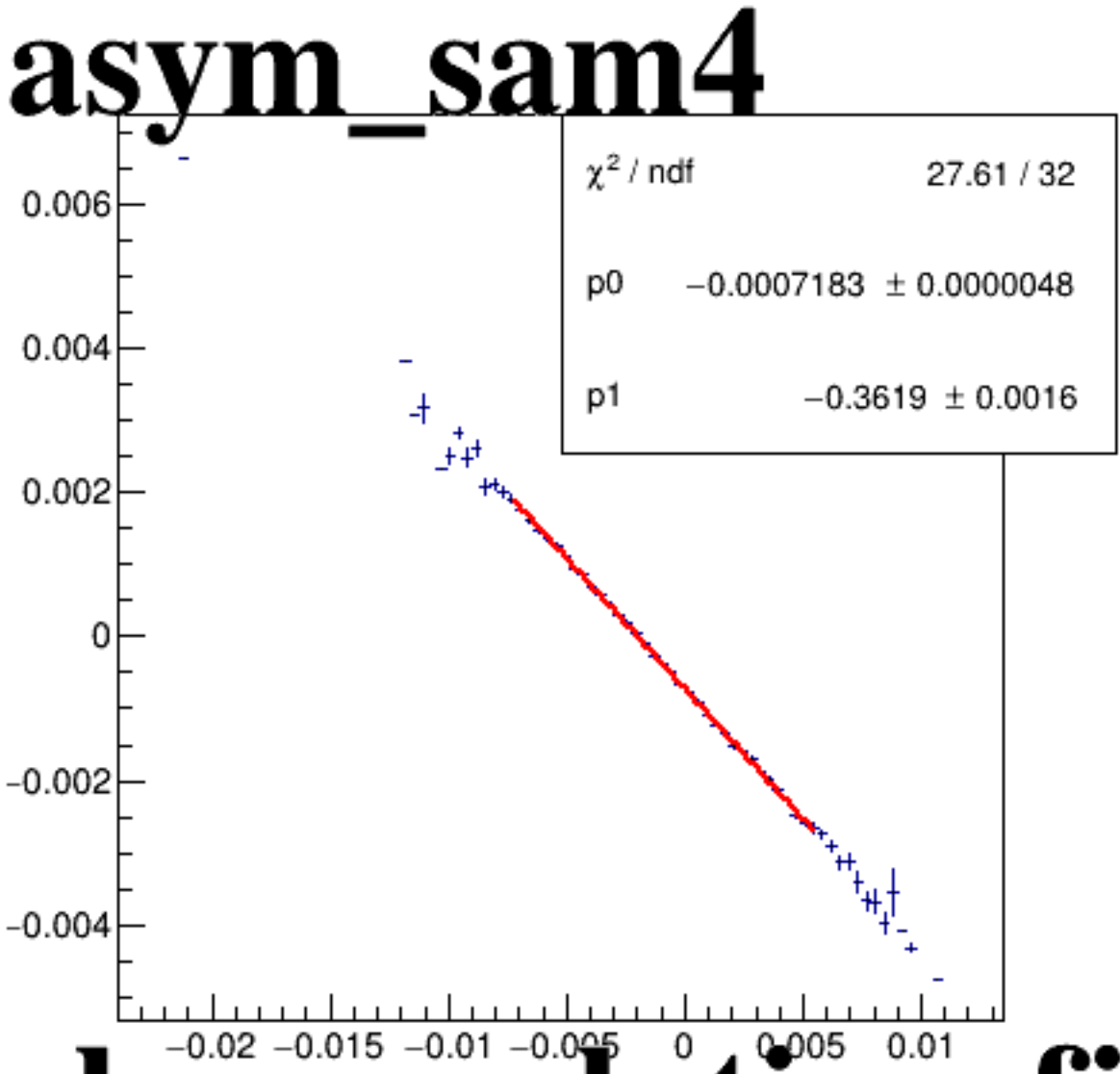
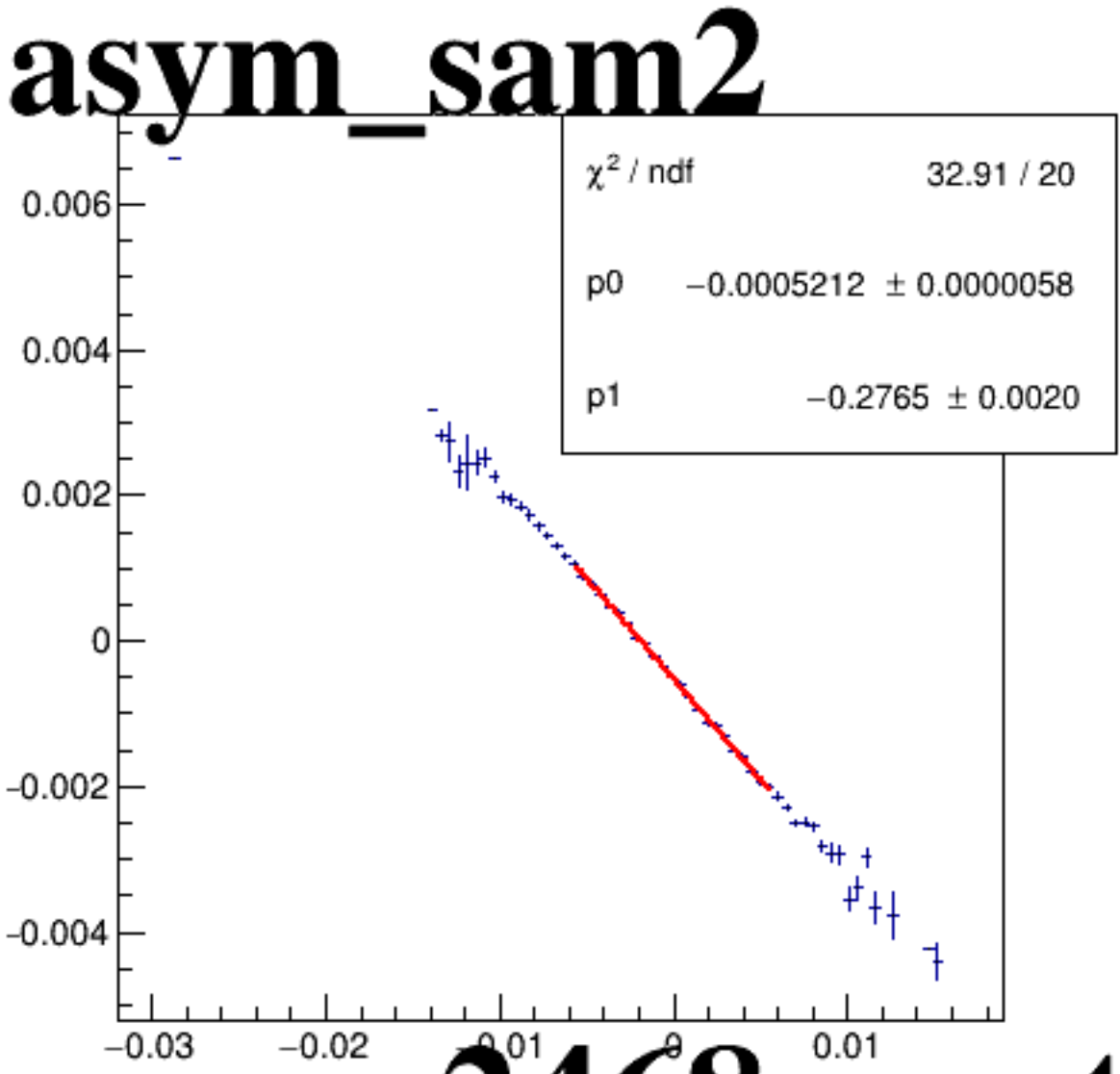
asym_sam4



asym_sam6



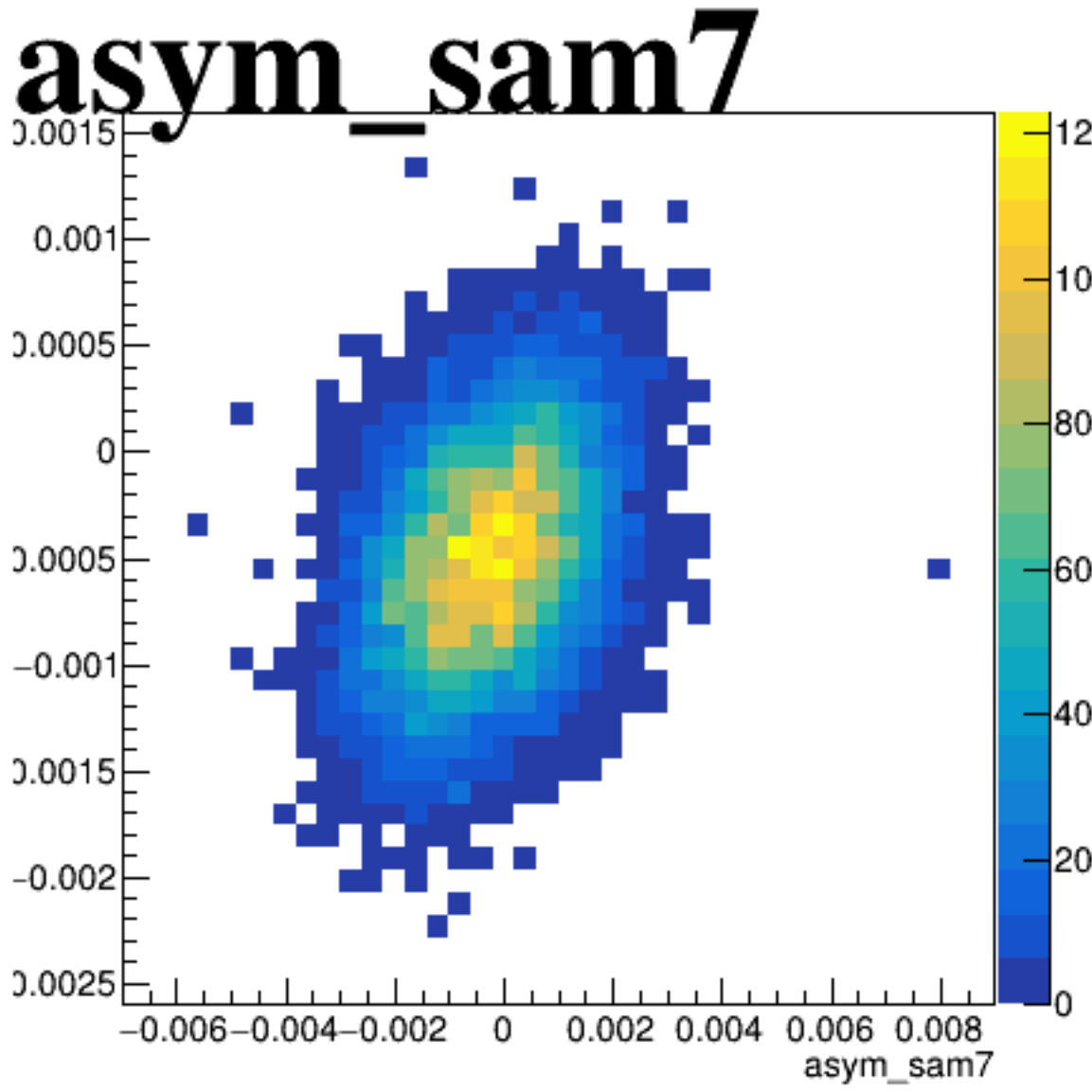
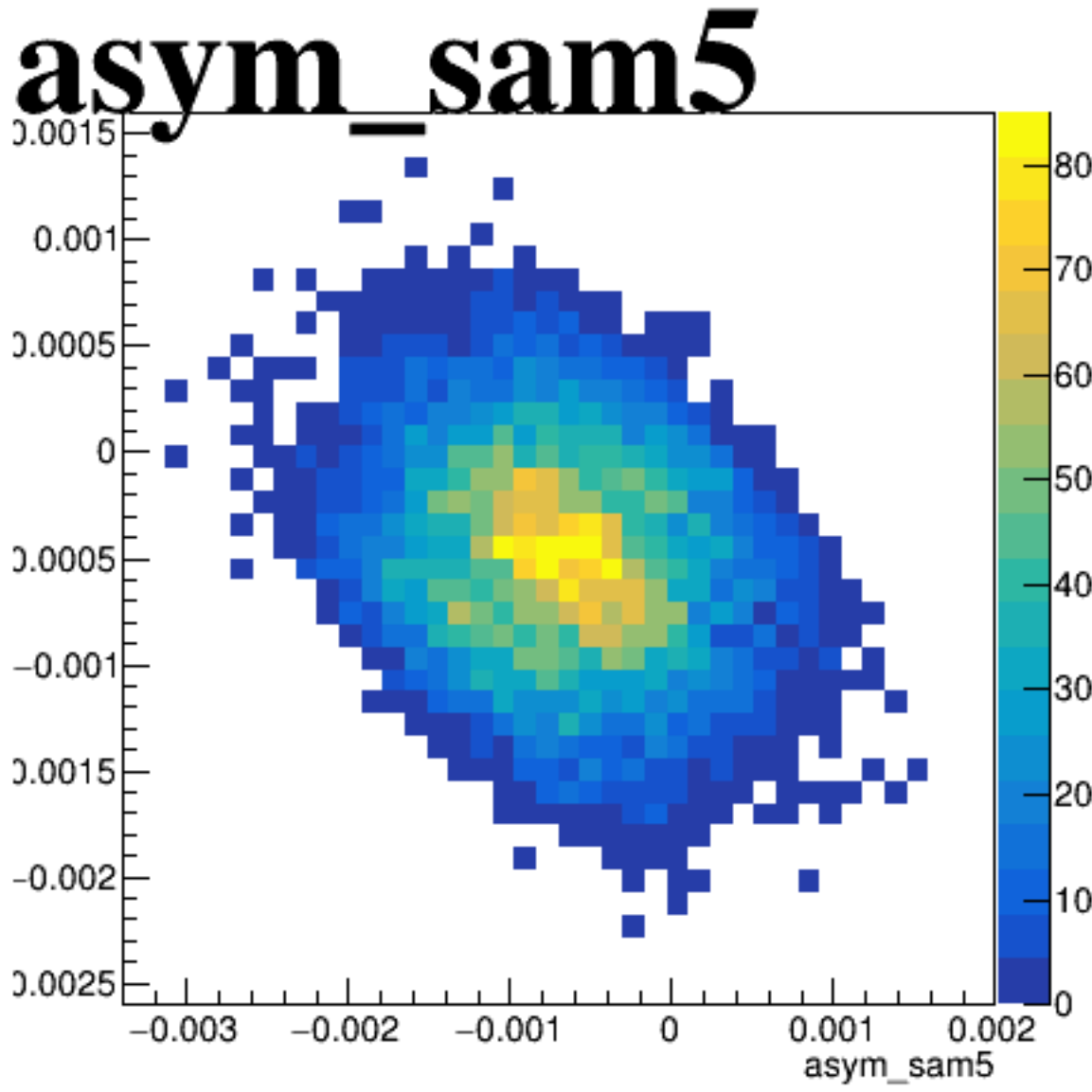
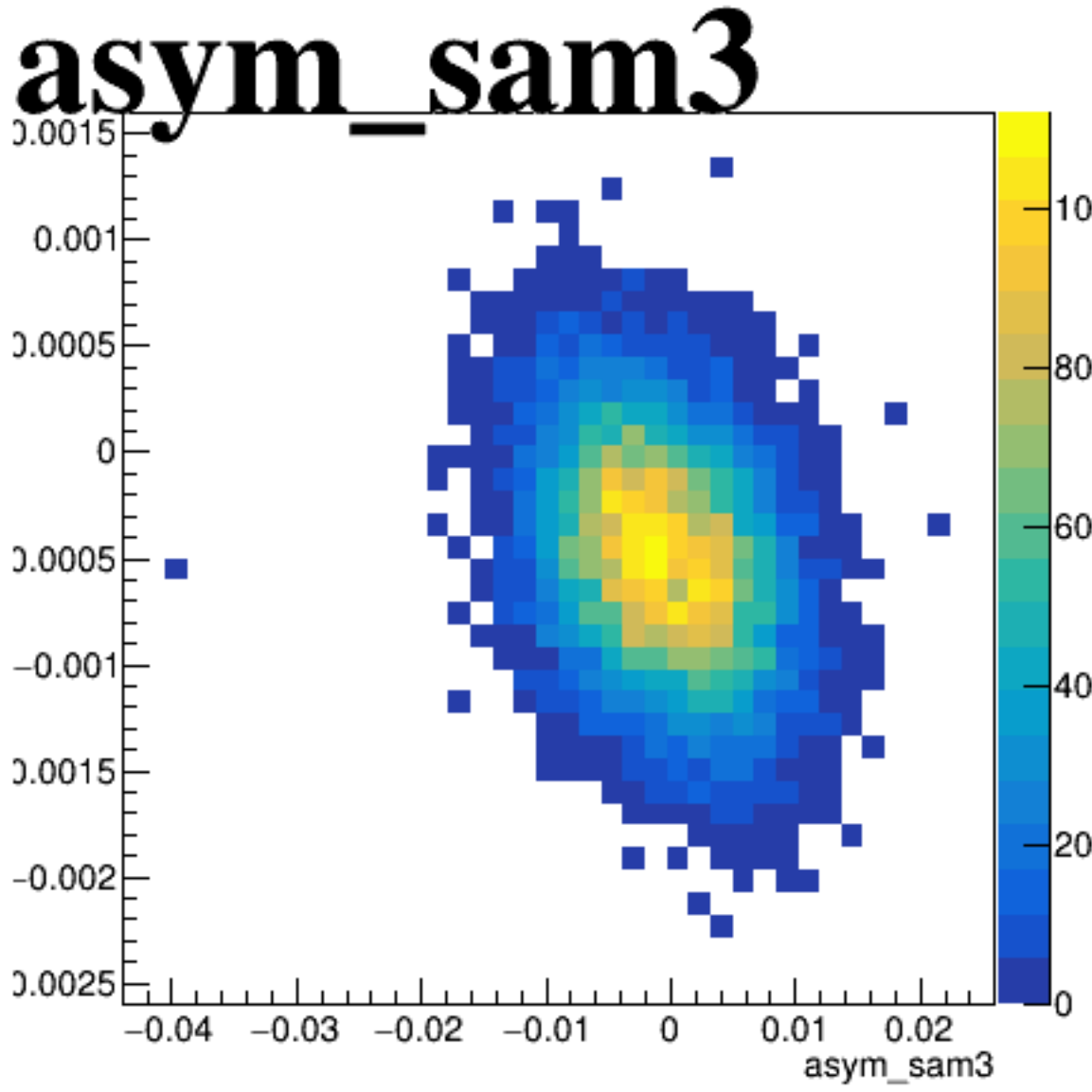
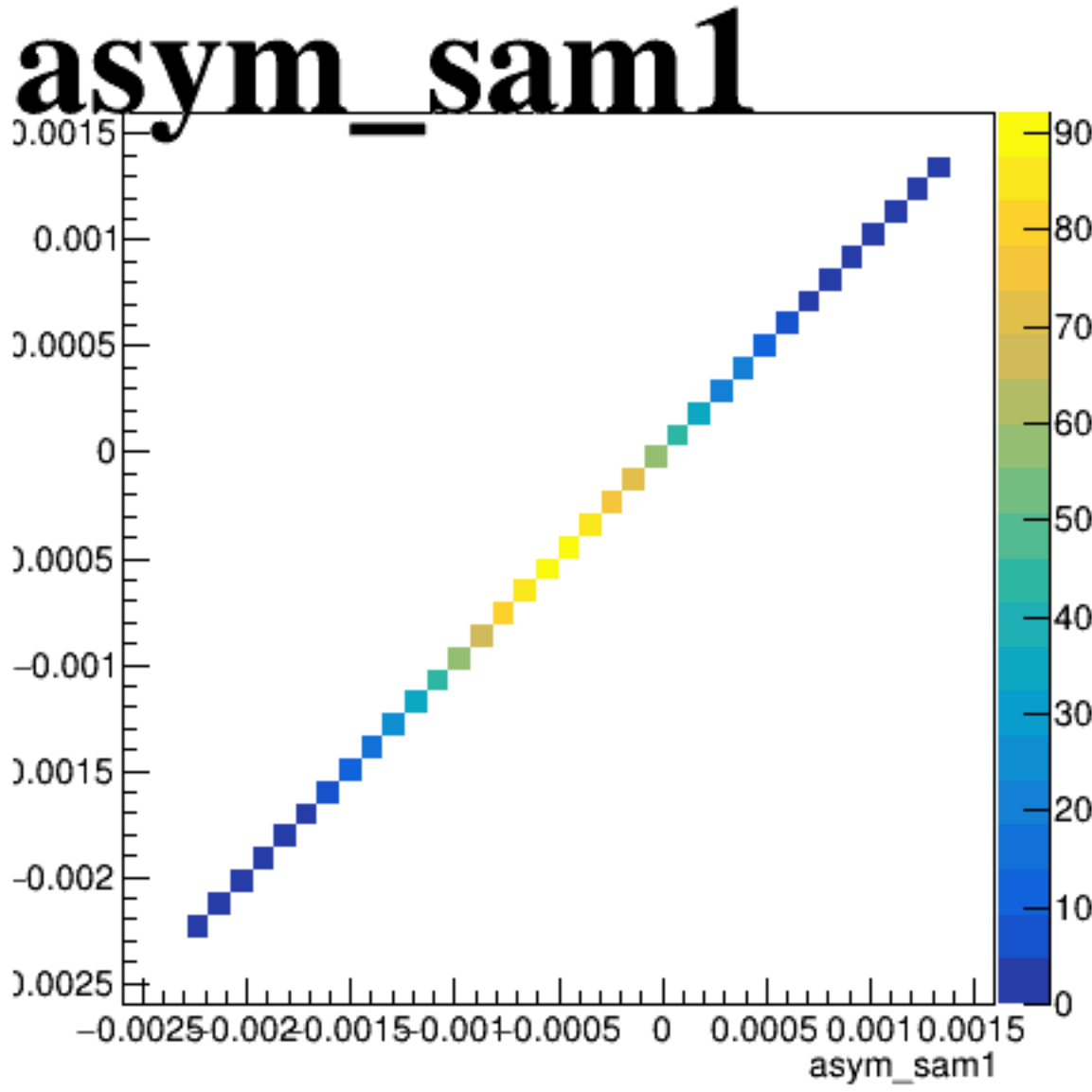
asym_sam8



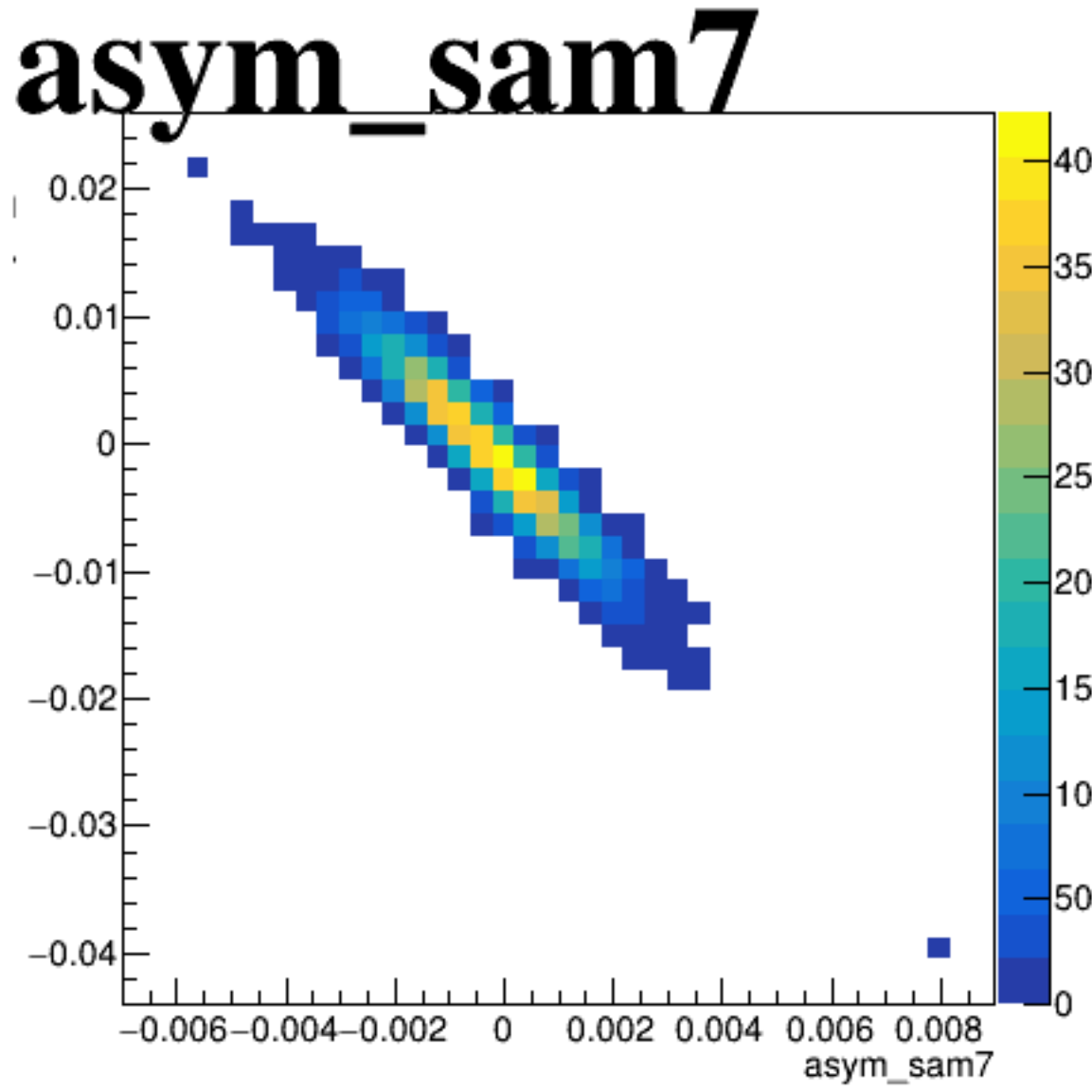
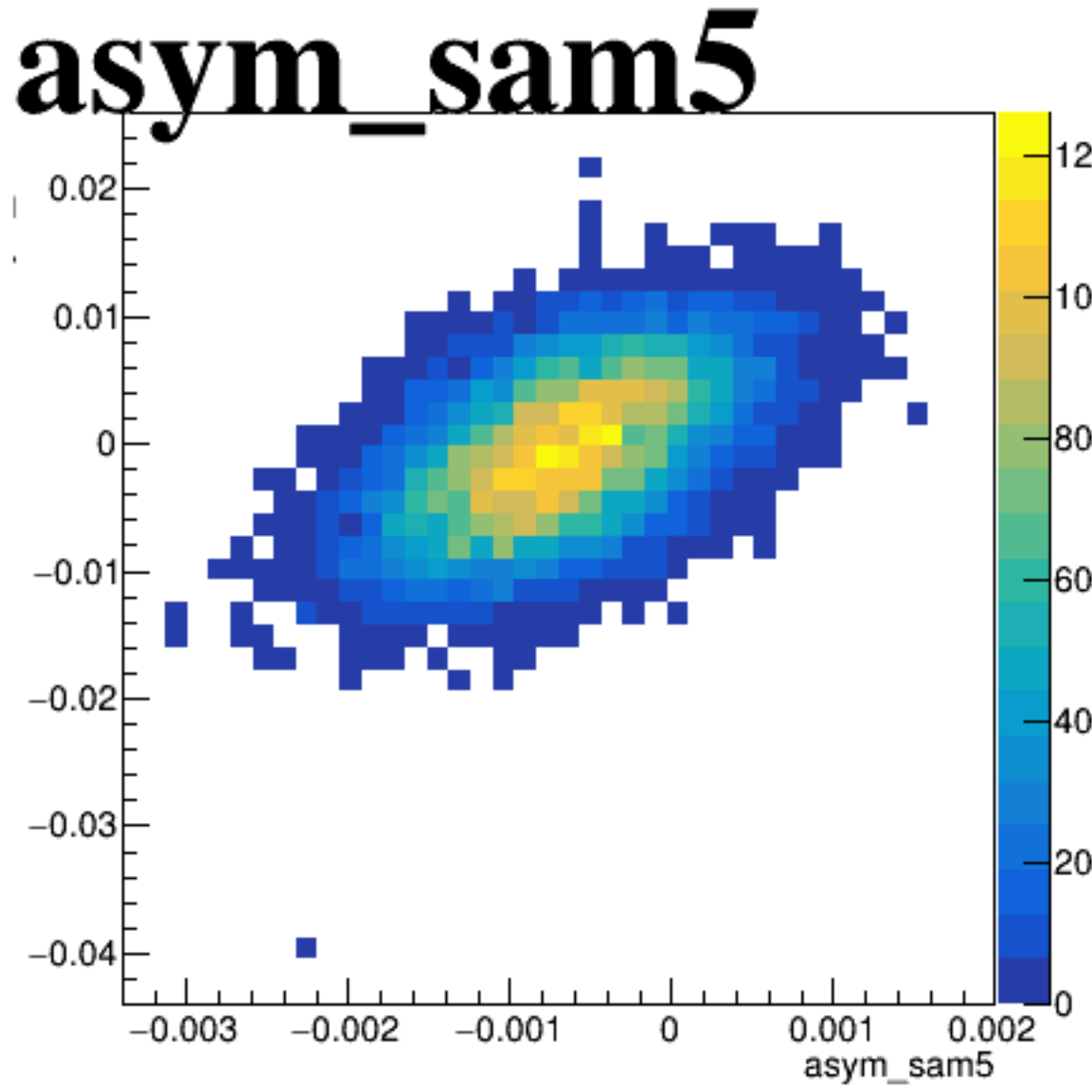
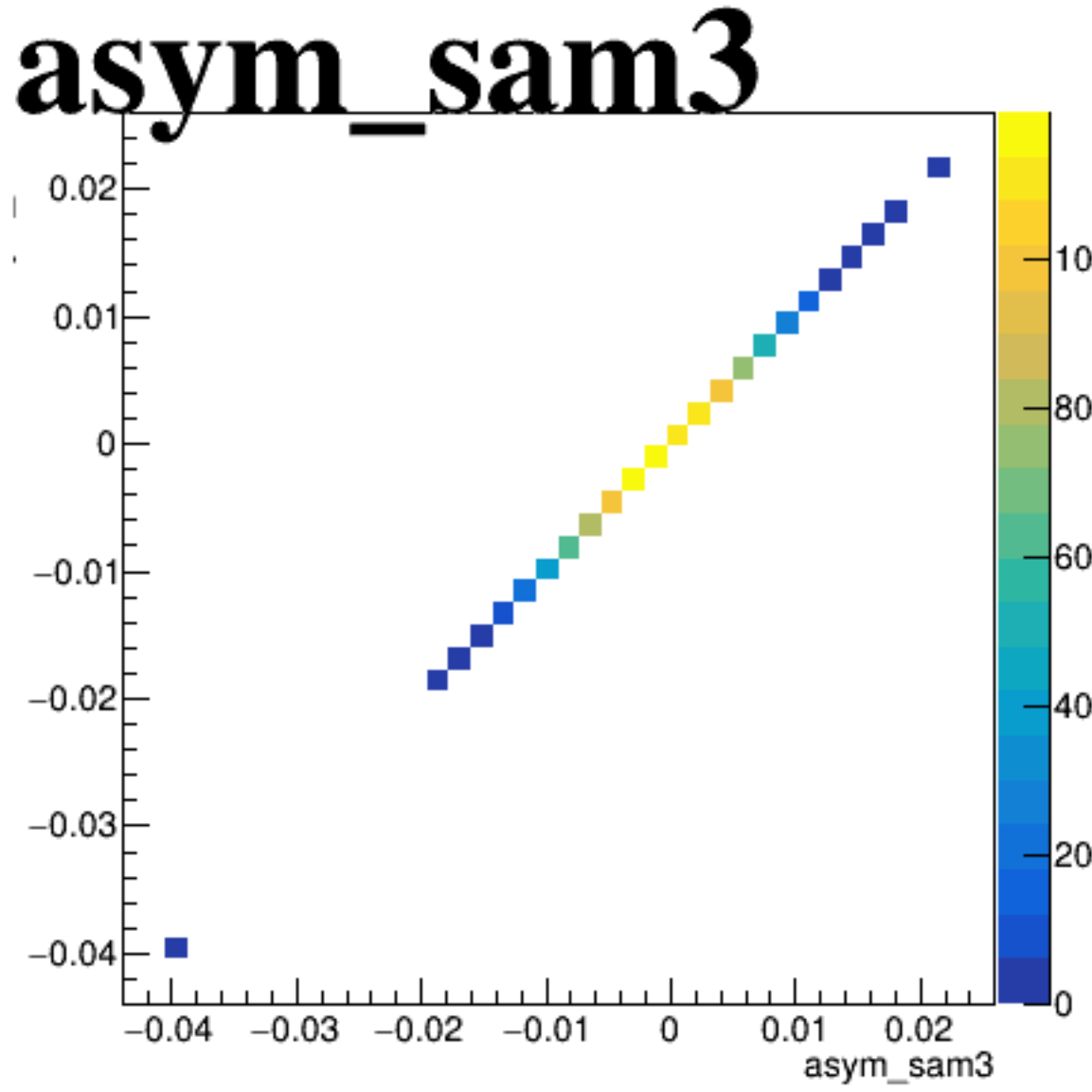
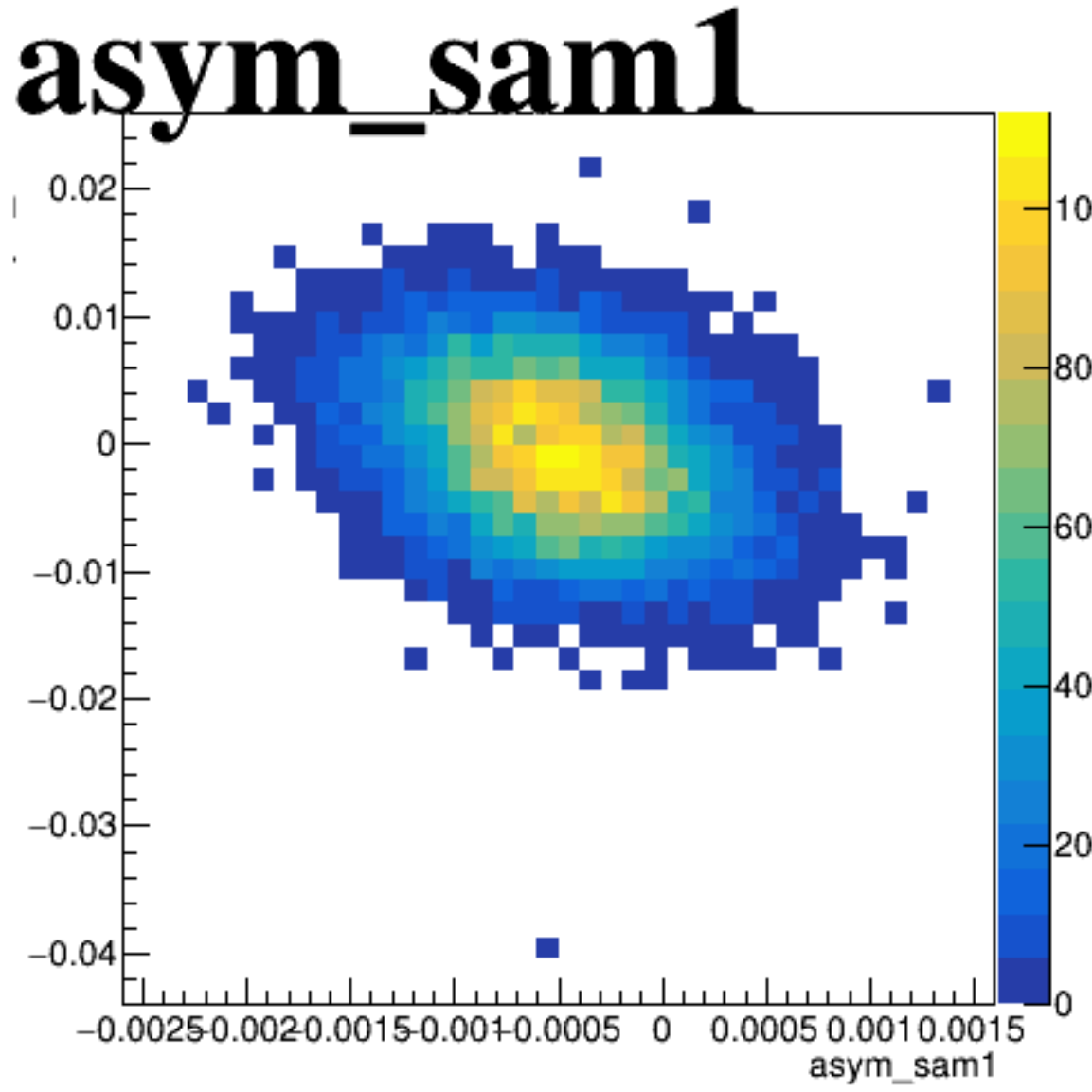
A scatter plot titled "asym_sam2" showing the relationship between two variables, "asym" (x-axis) and "sam2" (y-axis). The x-axis ranges from -0.03 to 0.015, and the y-axis ranges from -0.008 to 0.01. The plot displays a dense cloud of points, indicating a strong positive correlation between the two variables. The points are most concentrated in the upper right quadrant, where both variables have positive values.

The figure is a scatter plot with the title "asym_sam6". The x-axis is labeled "asym sam6" and the y-axis is also labeled "asym sam6". Both axes have a scale from -0.008 to 0.01, with major tick marks every 0.002 units. The plot contains numerous small black dots representing data points, which are distributed along a diagonal line from the bottom-left to the top-right. A solid black line of best fit is drawn through the data points, indicating a strong positive linear correlation.

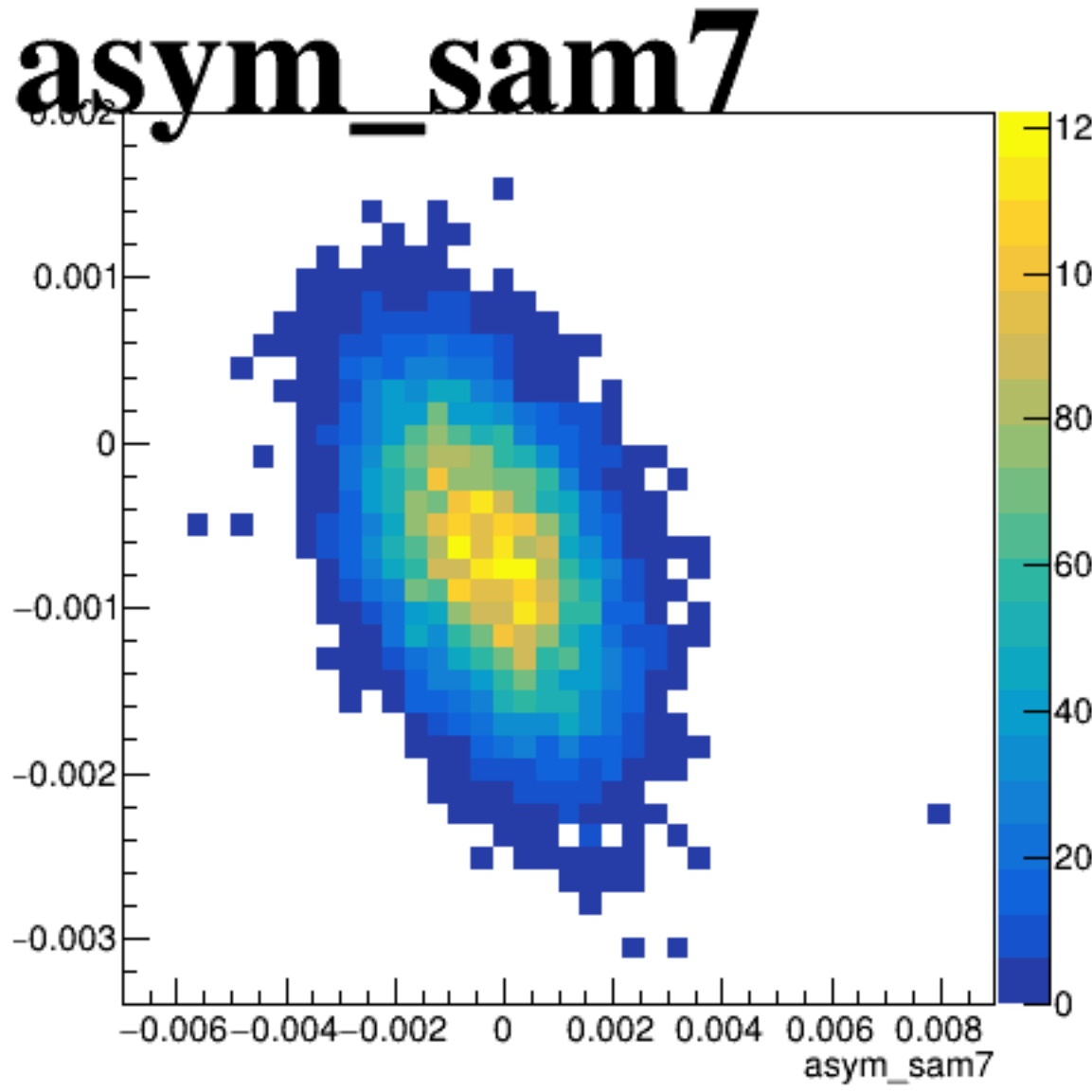
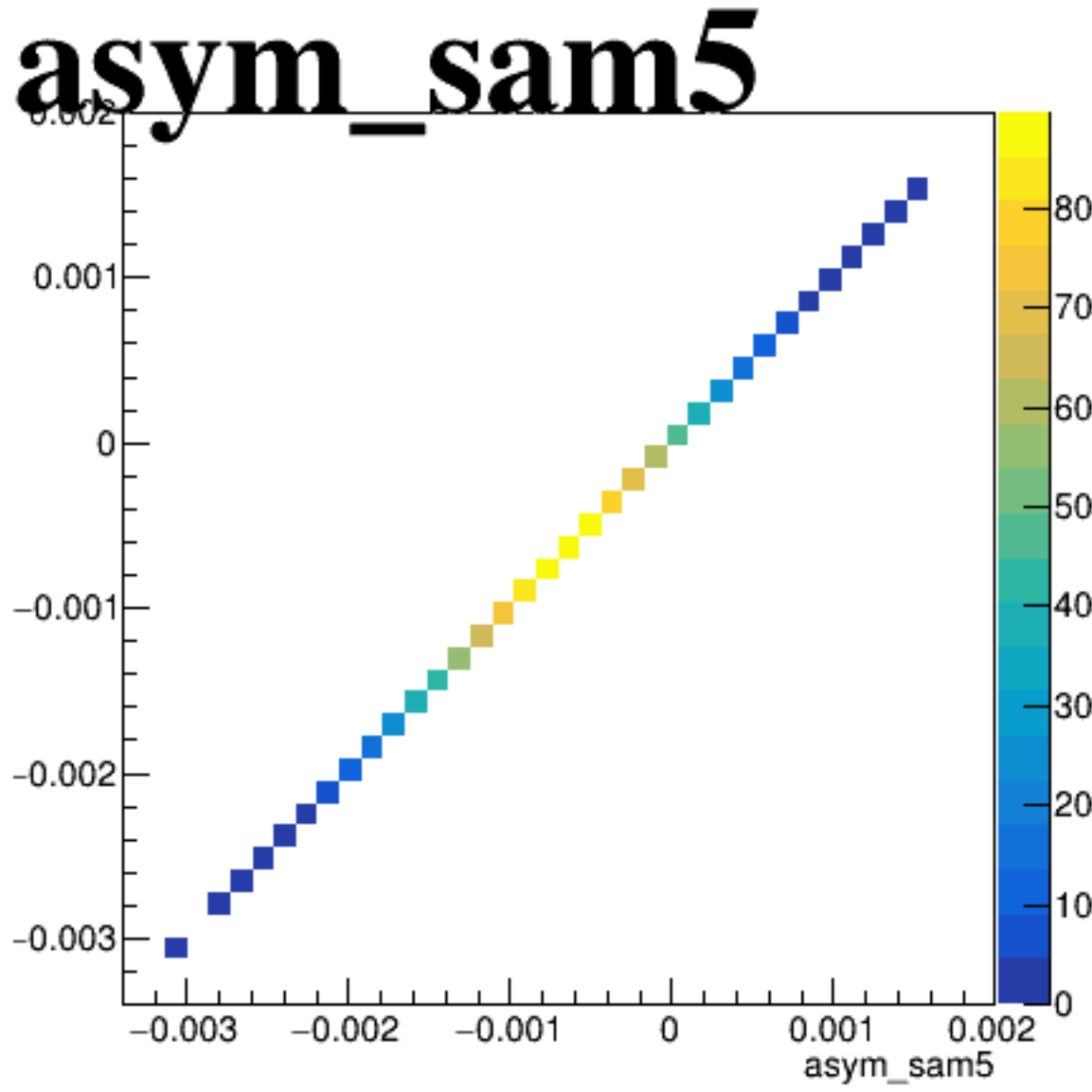
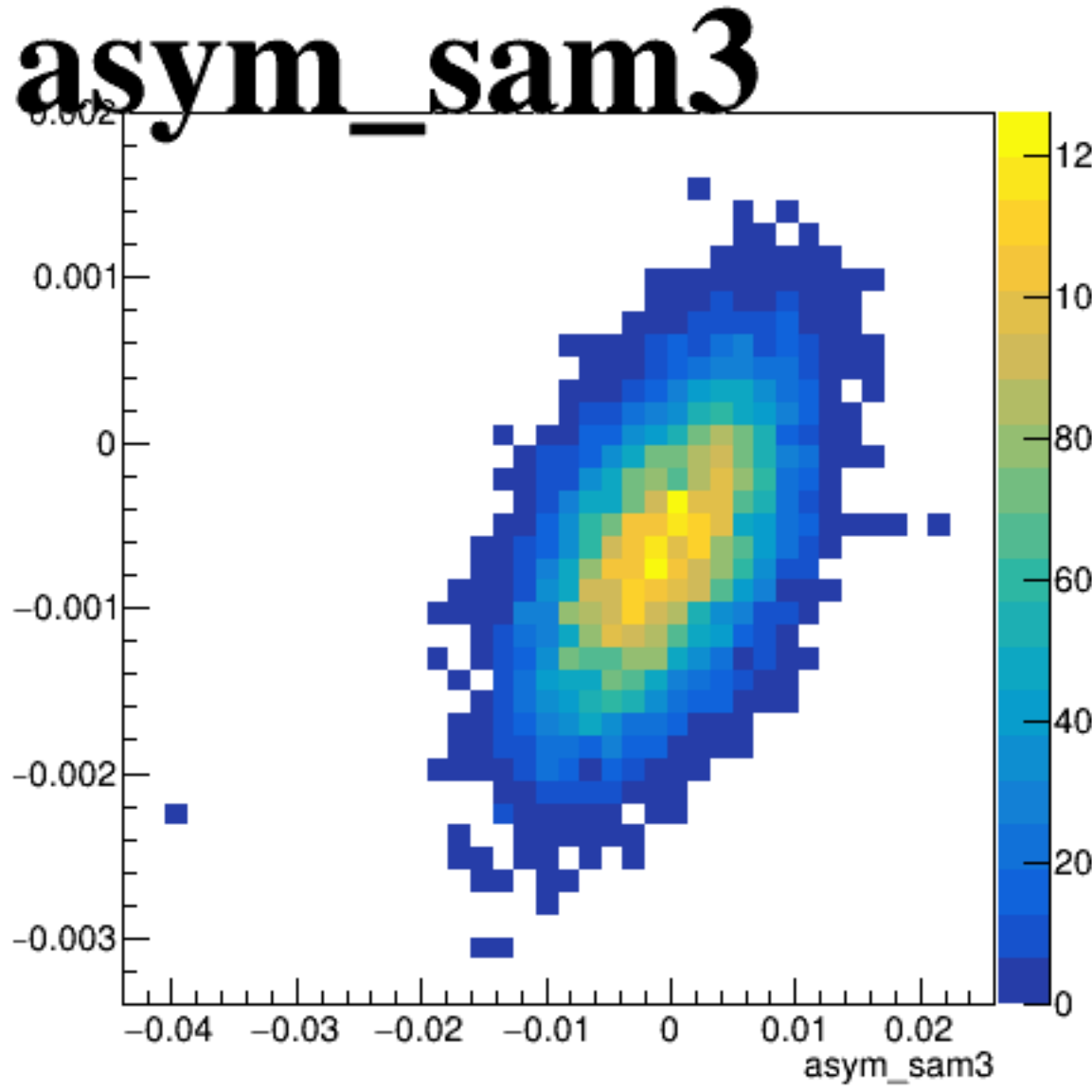
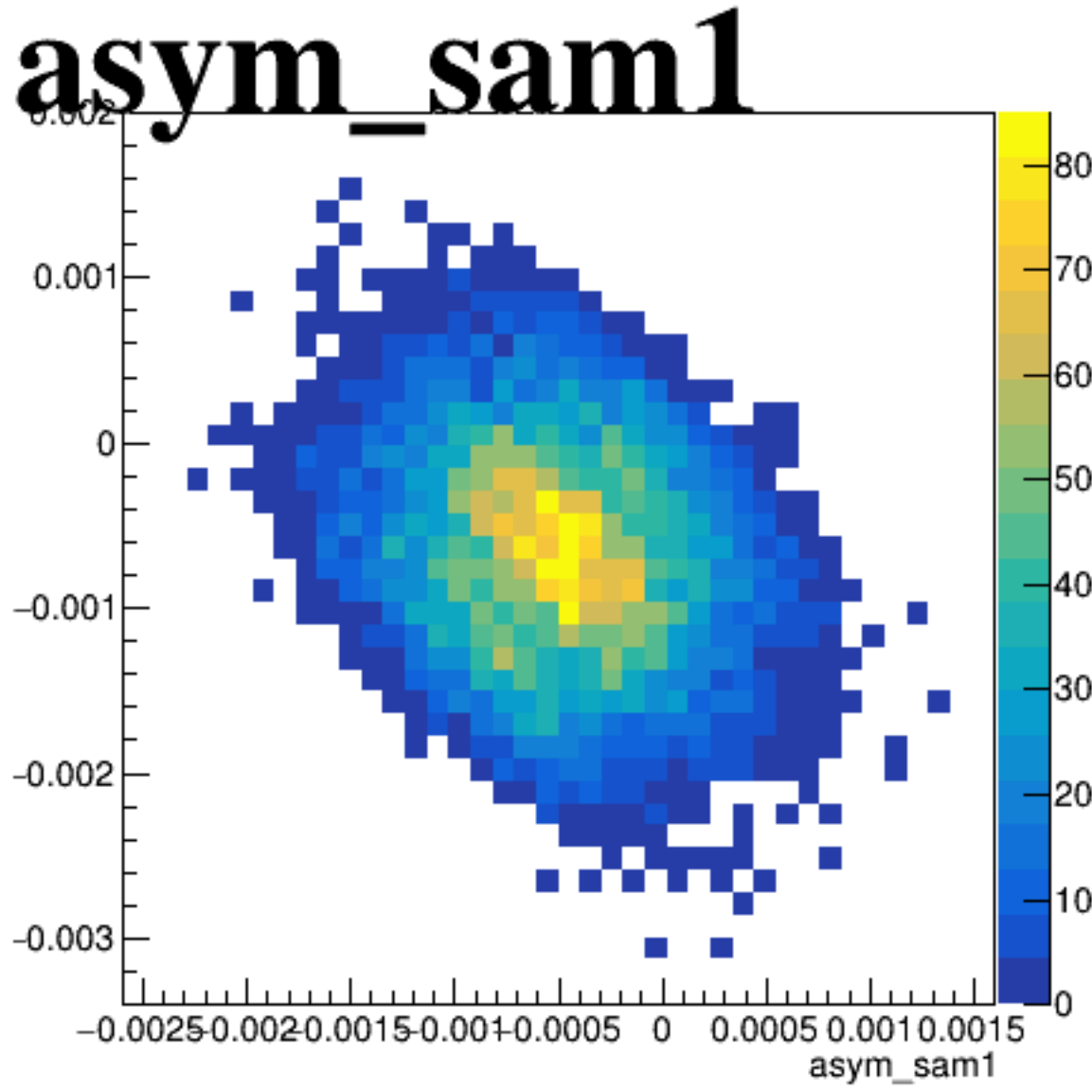
asym_sam1



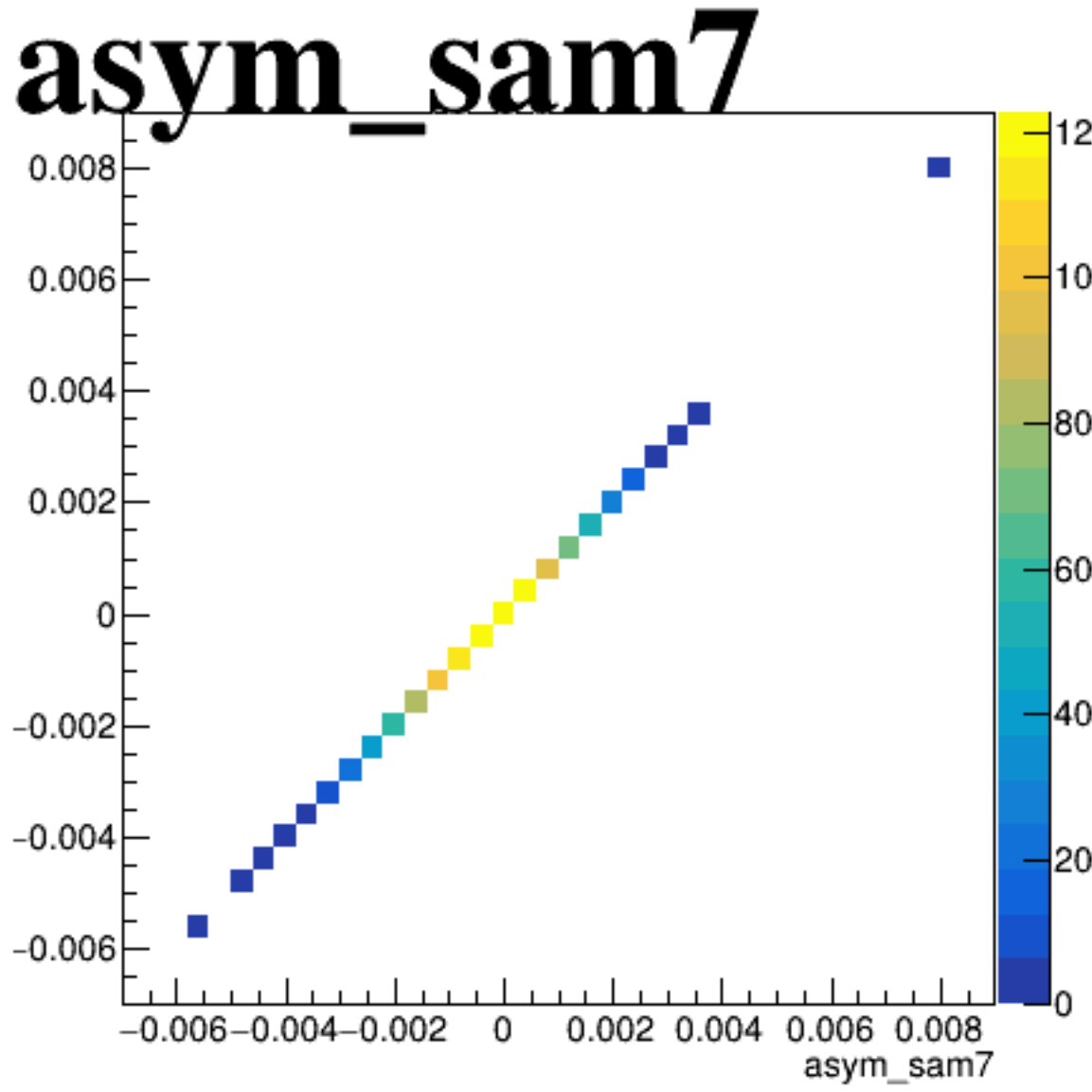
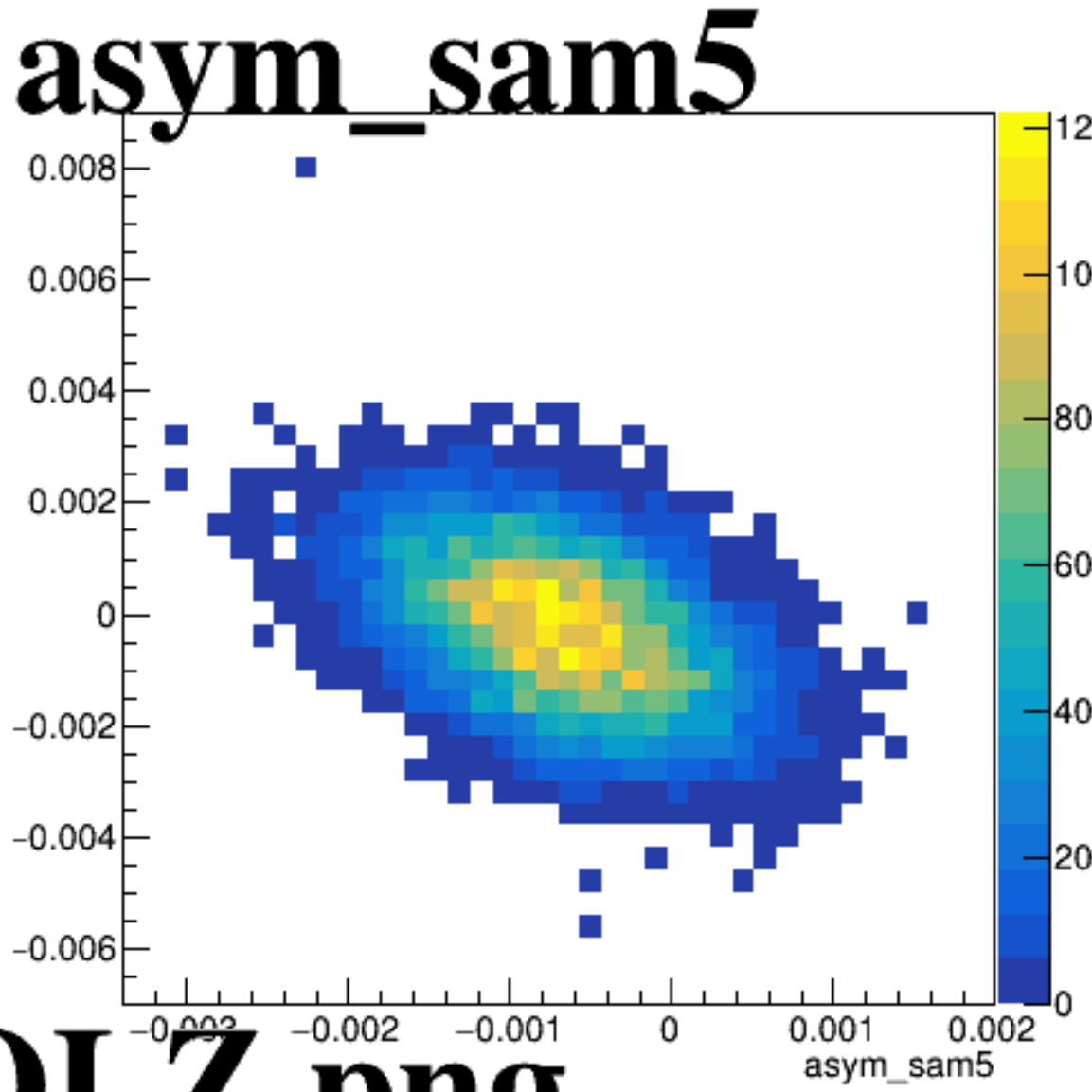
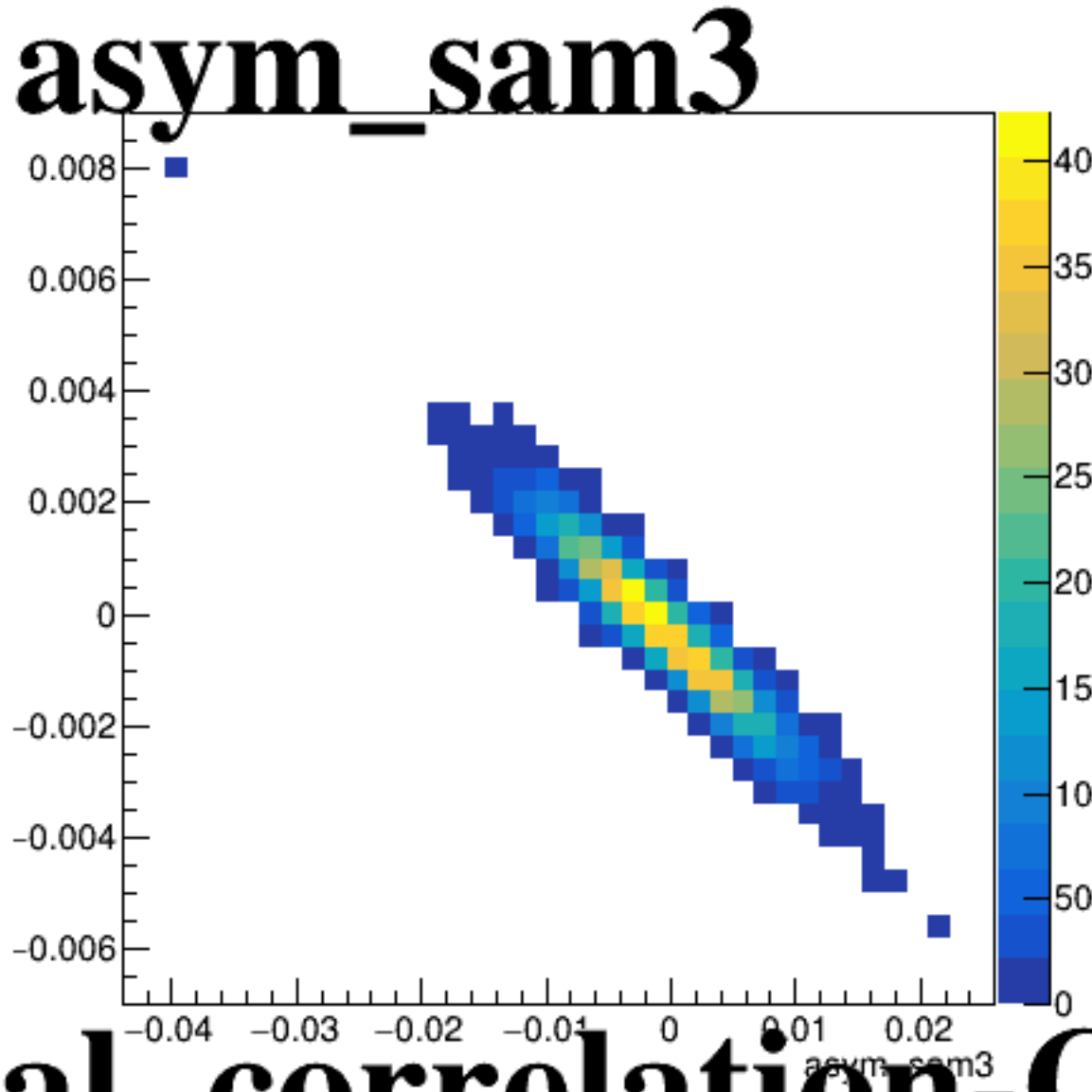
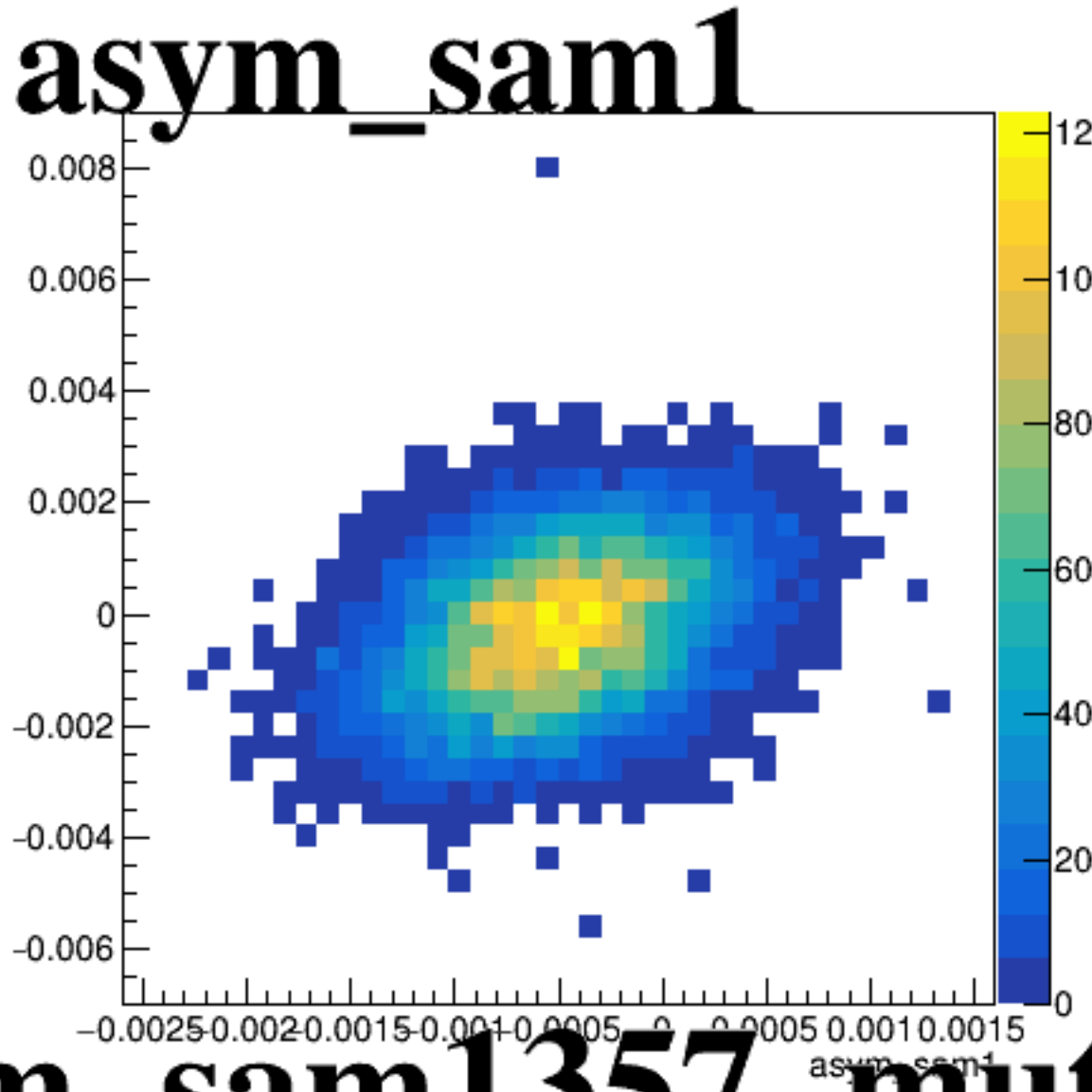
asym_sam3



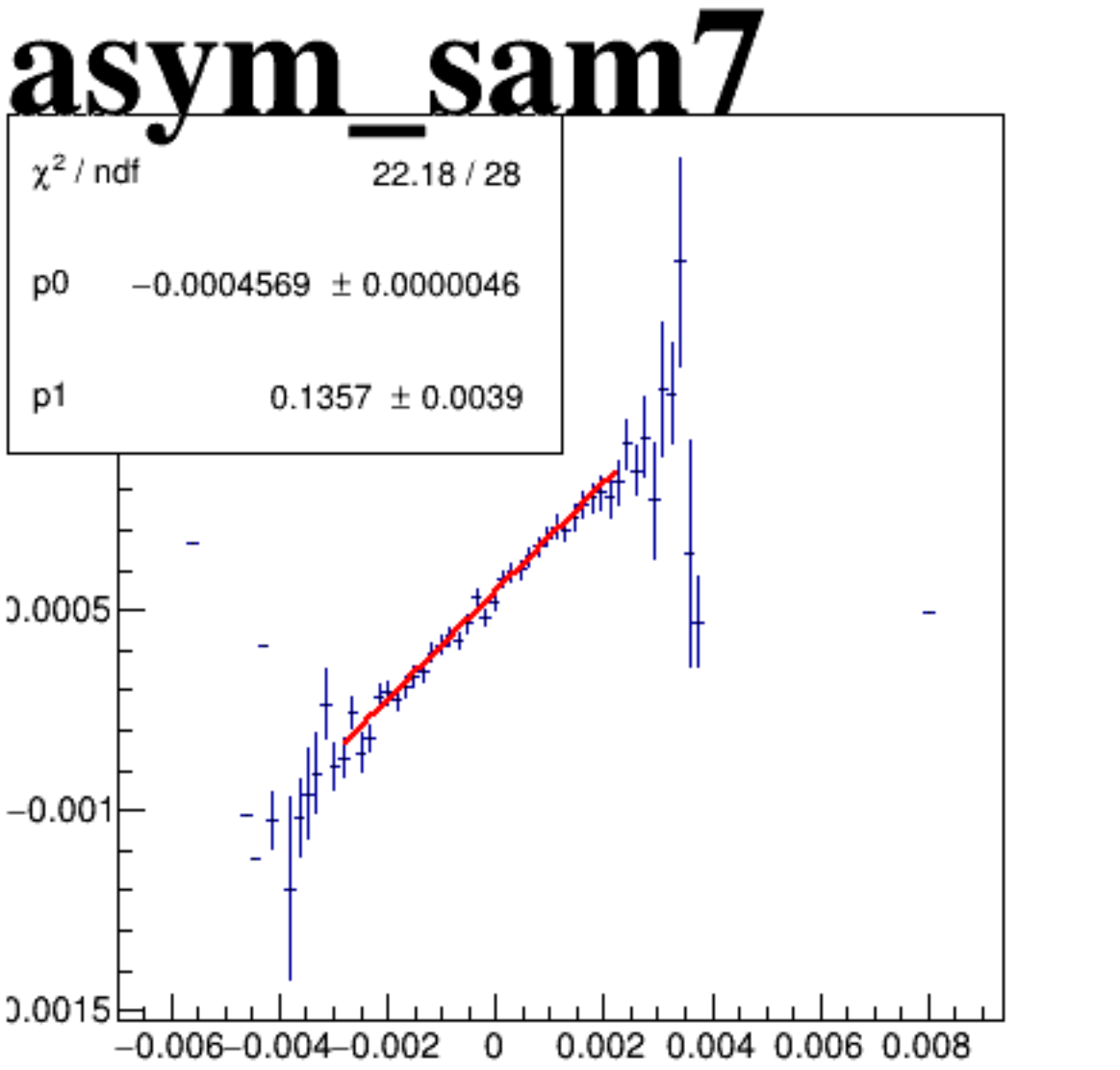
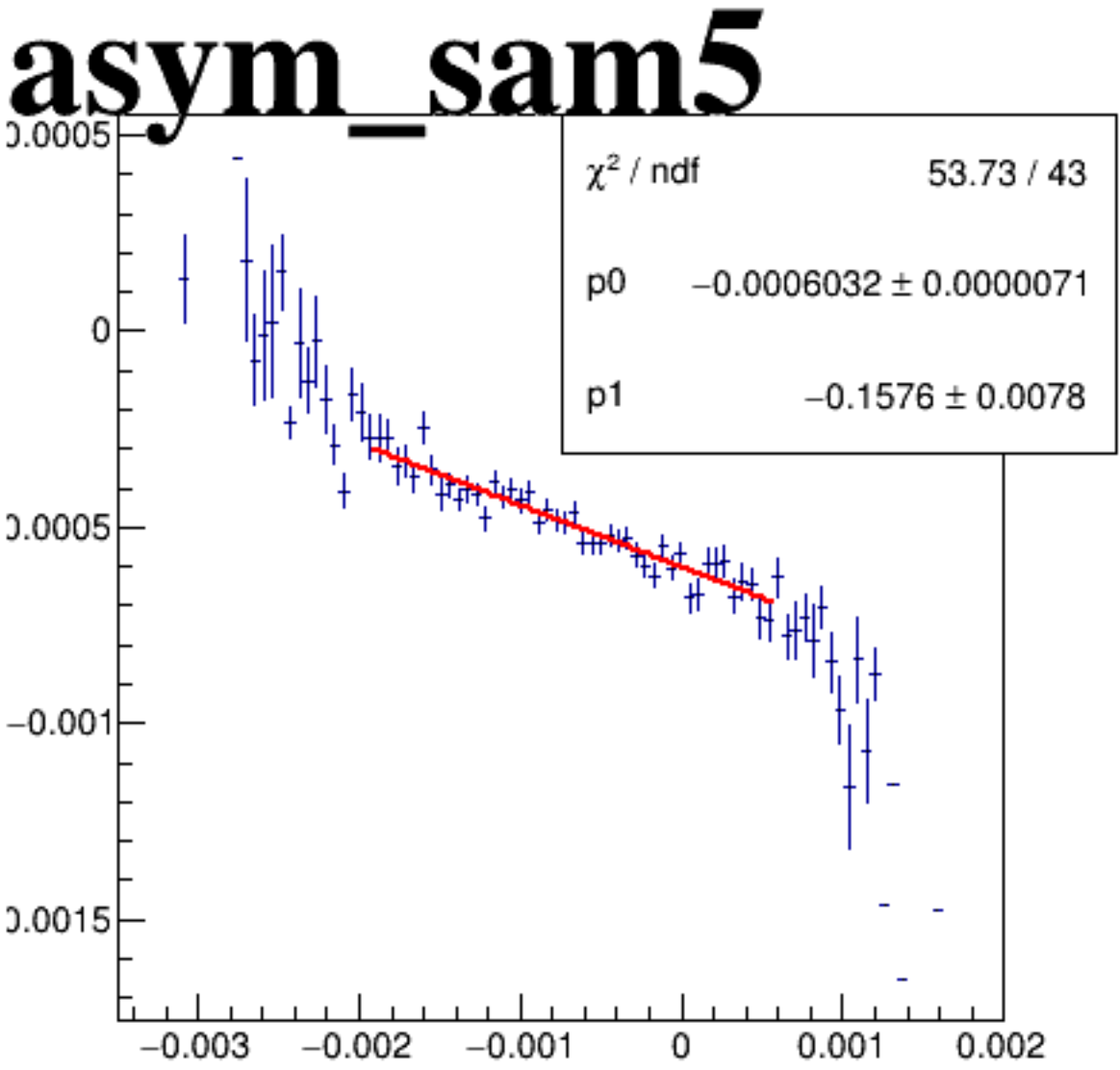
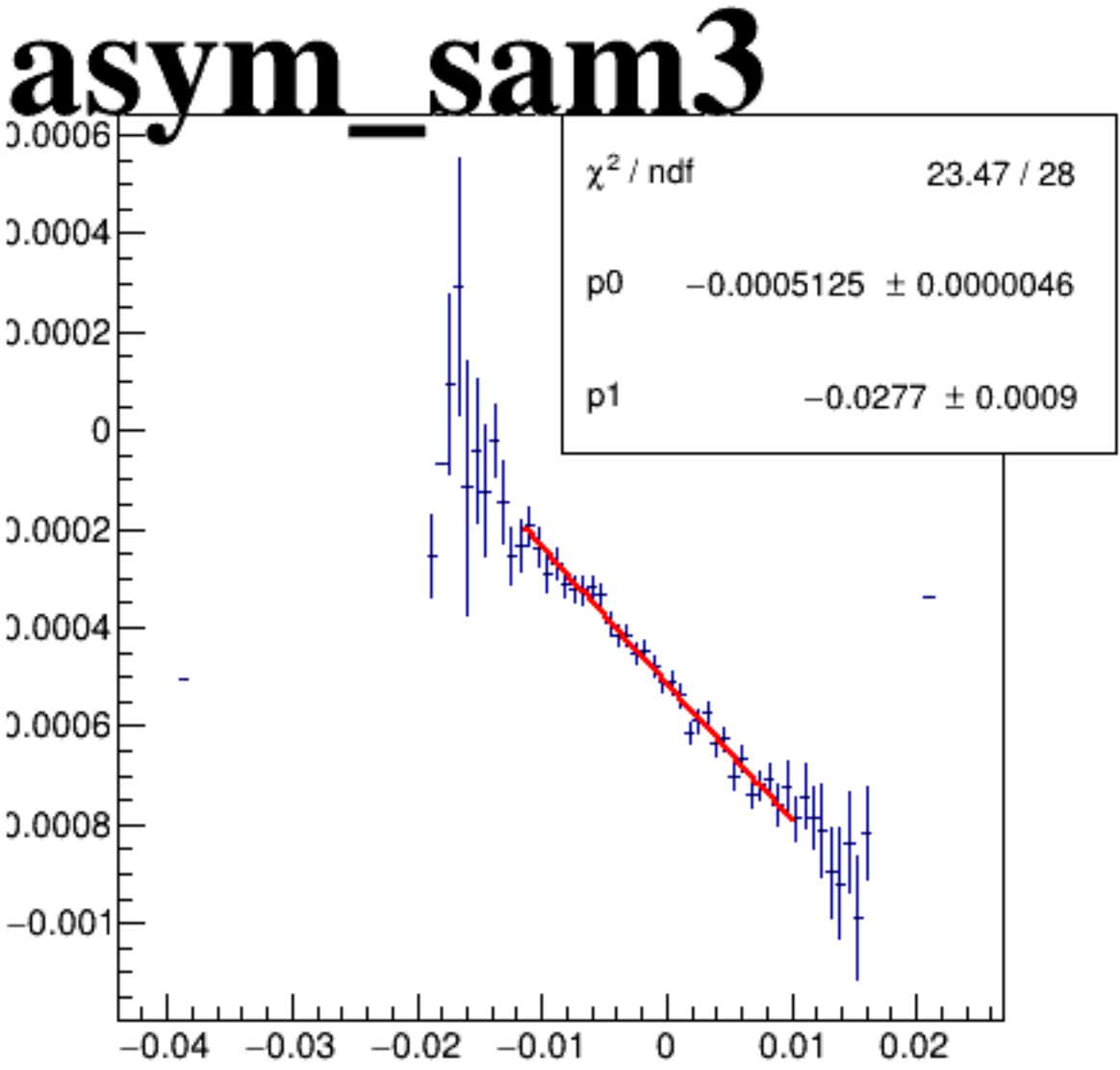
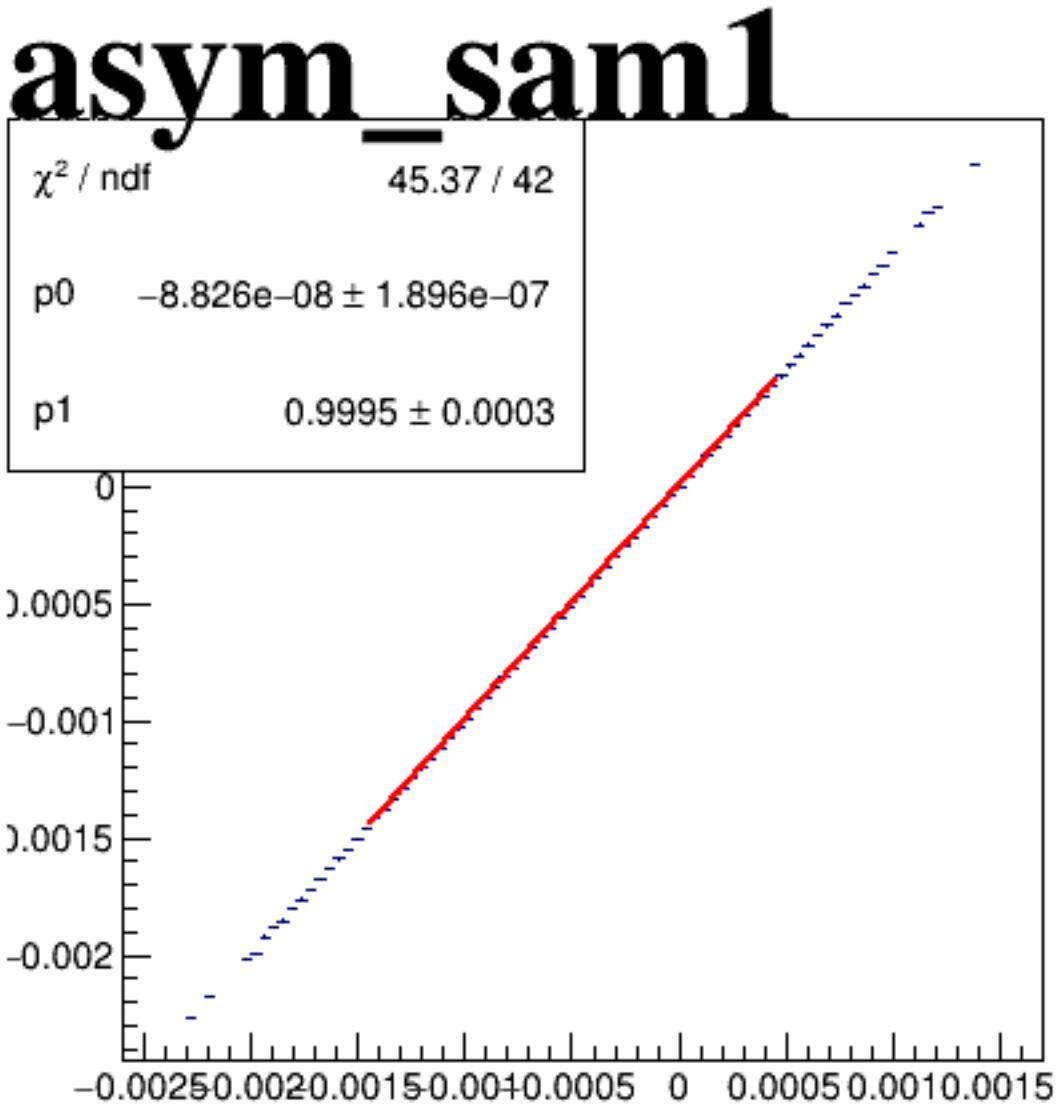
asym_sam5



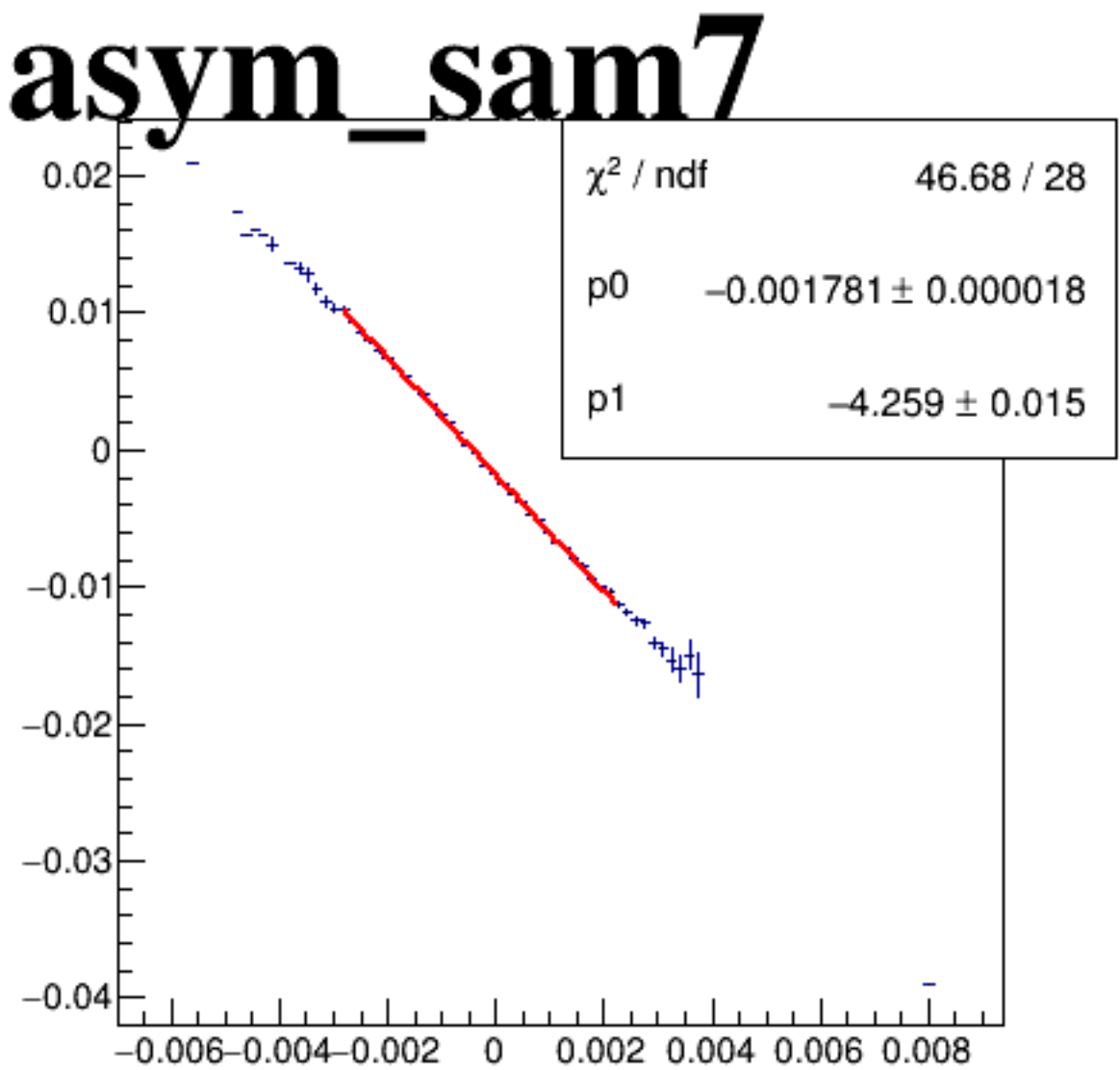
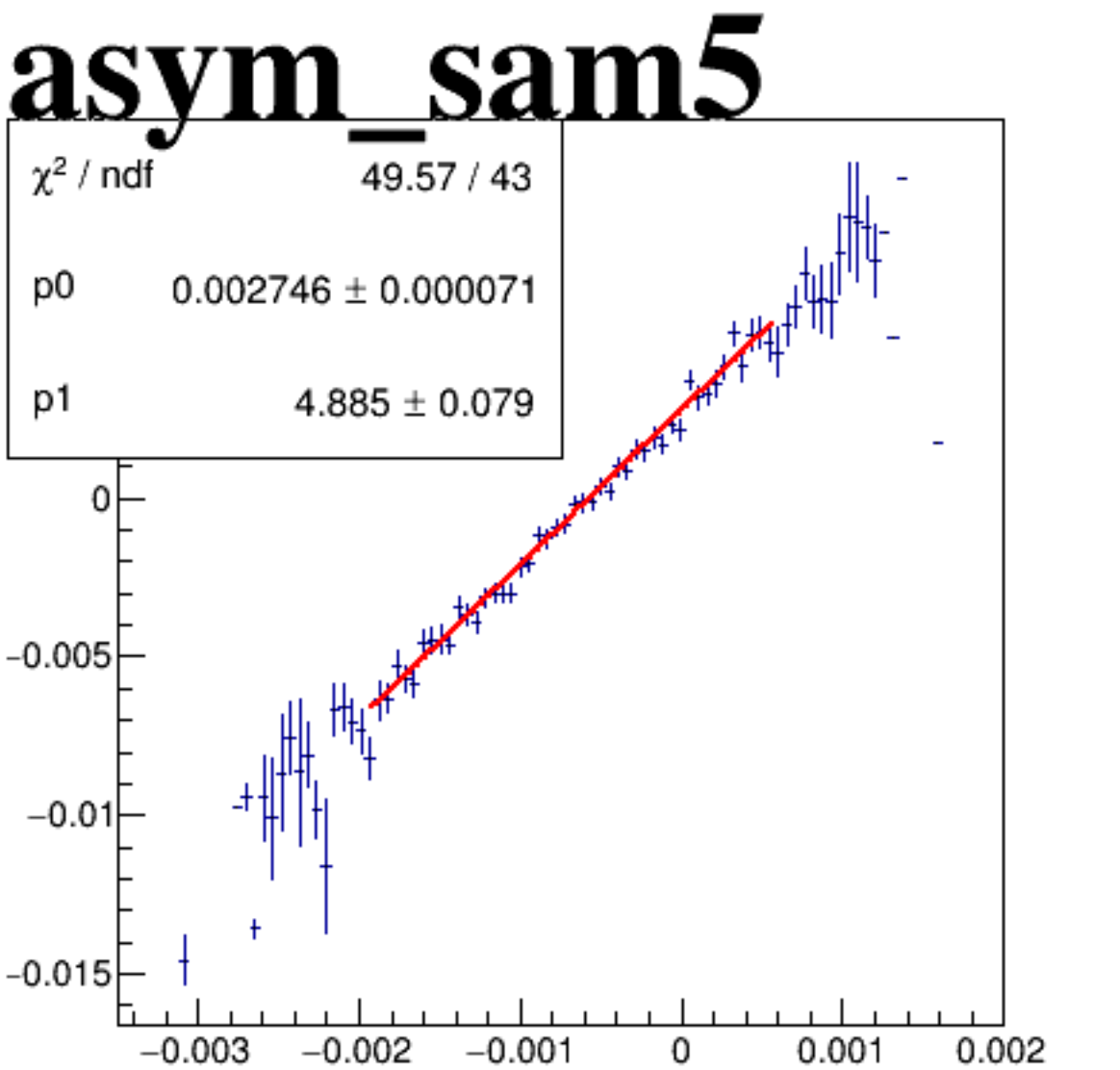
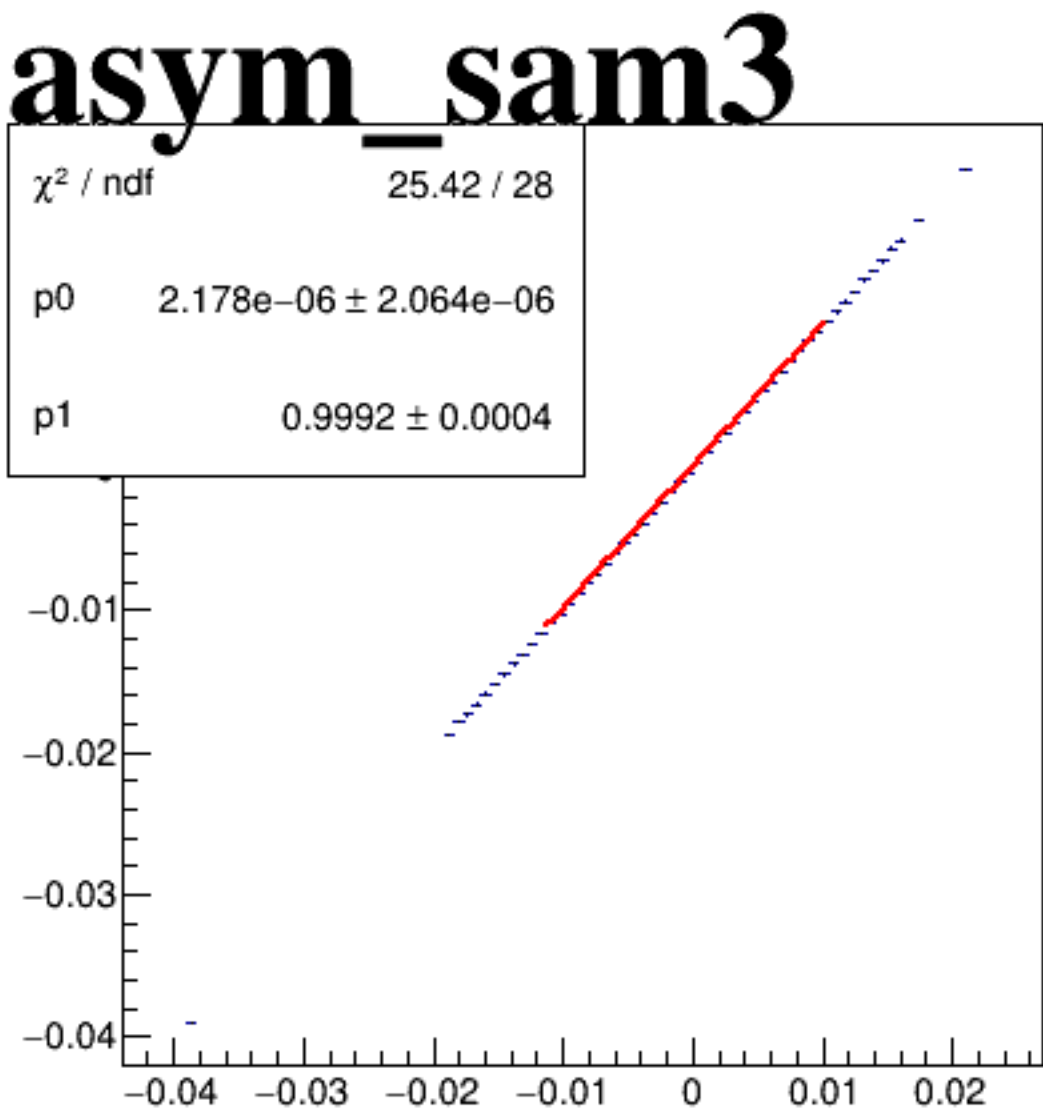
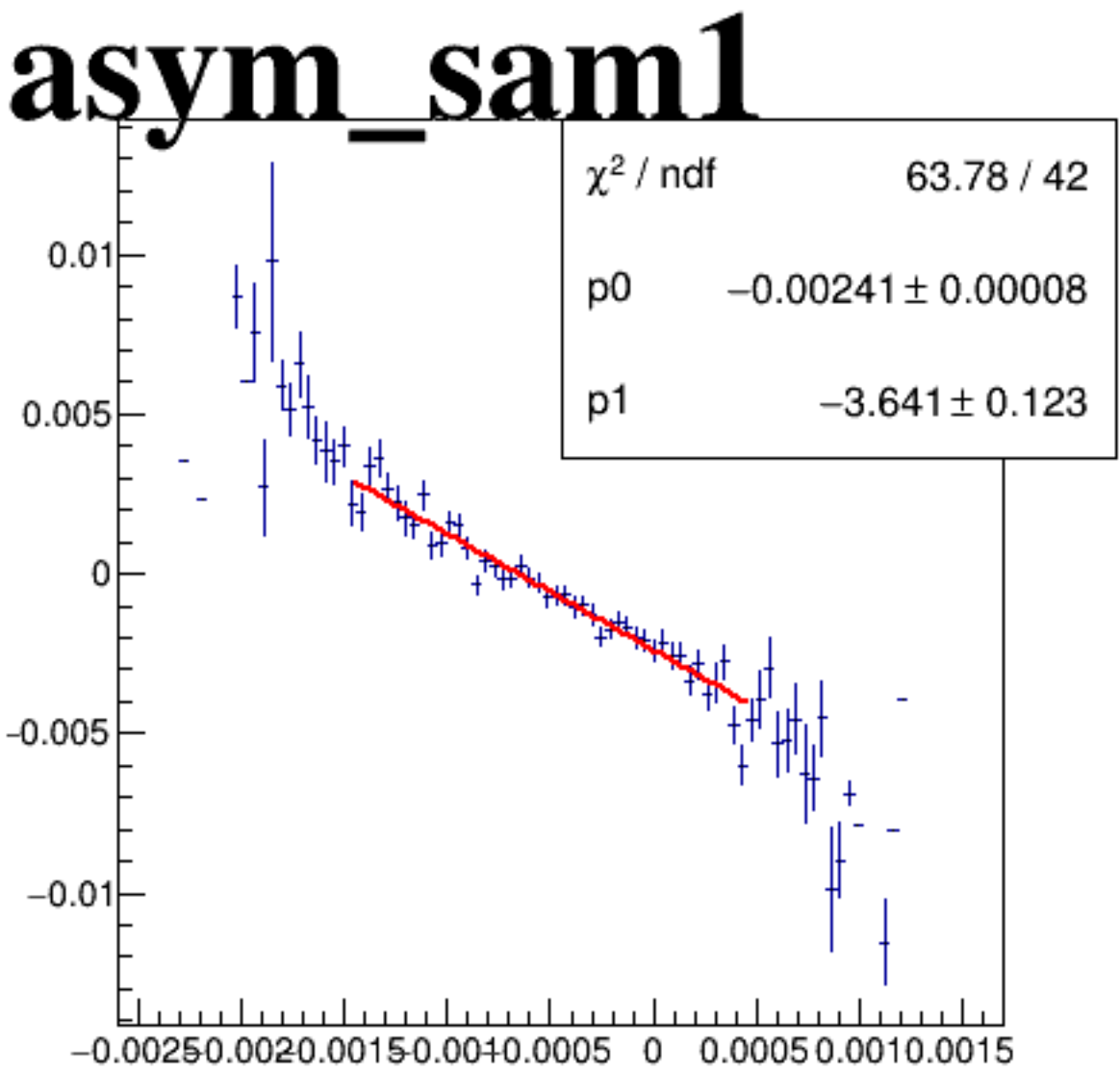
asym_sam7



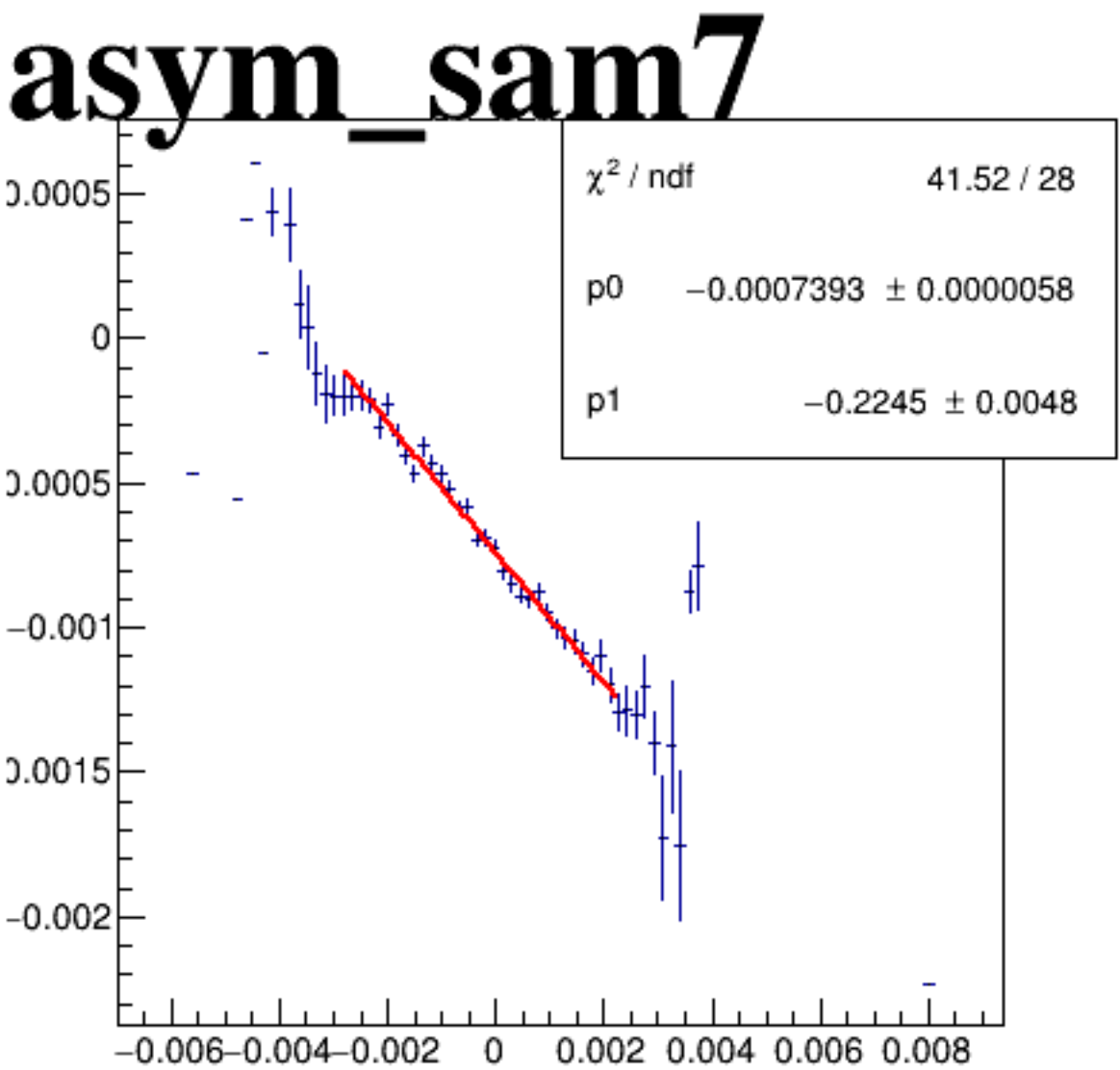
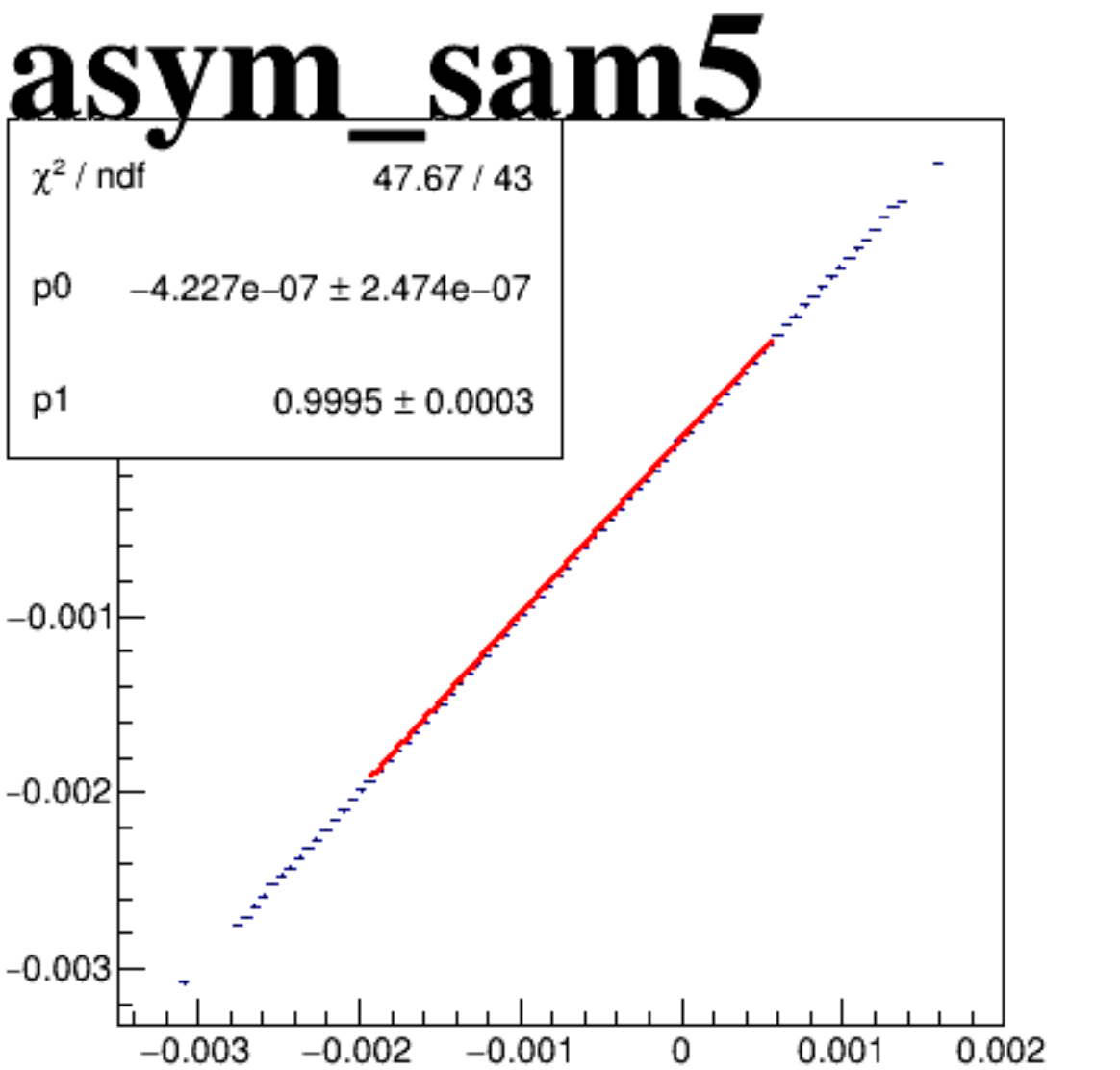
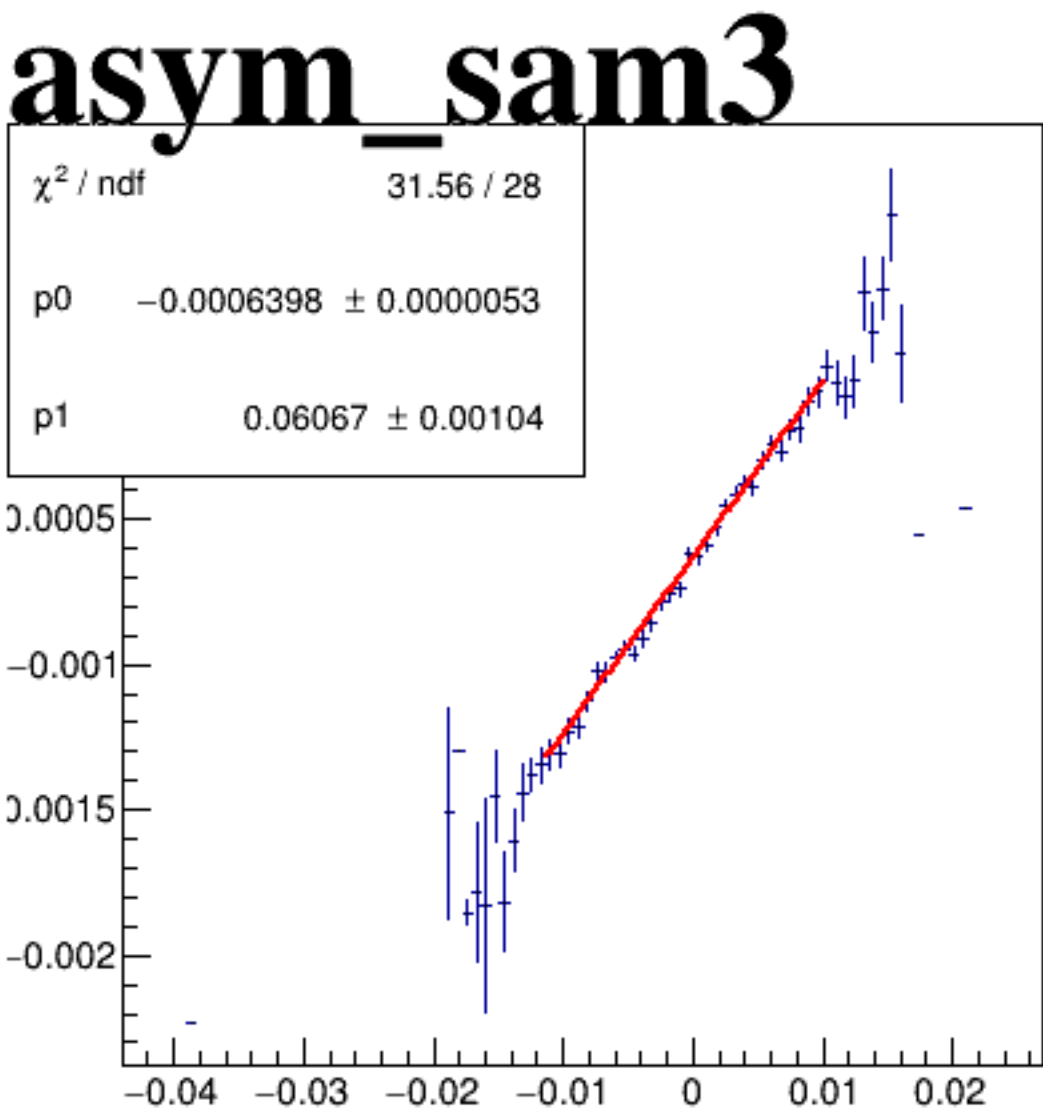
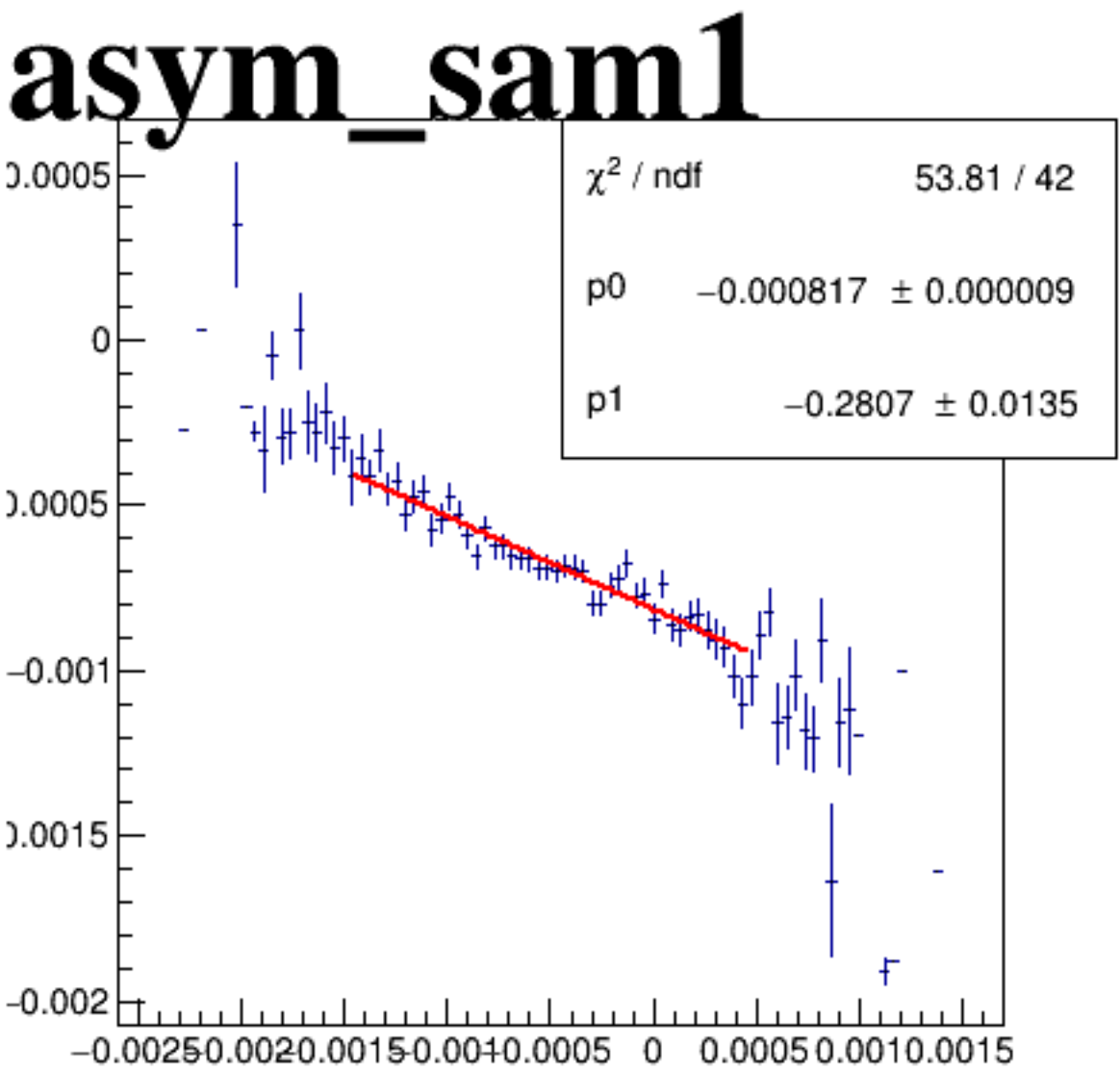
asym_sam1



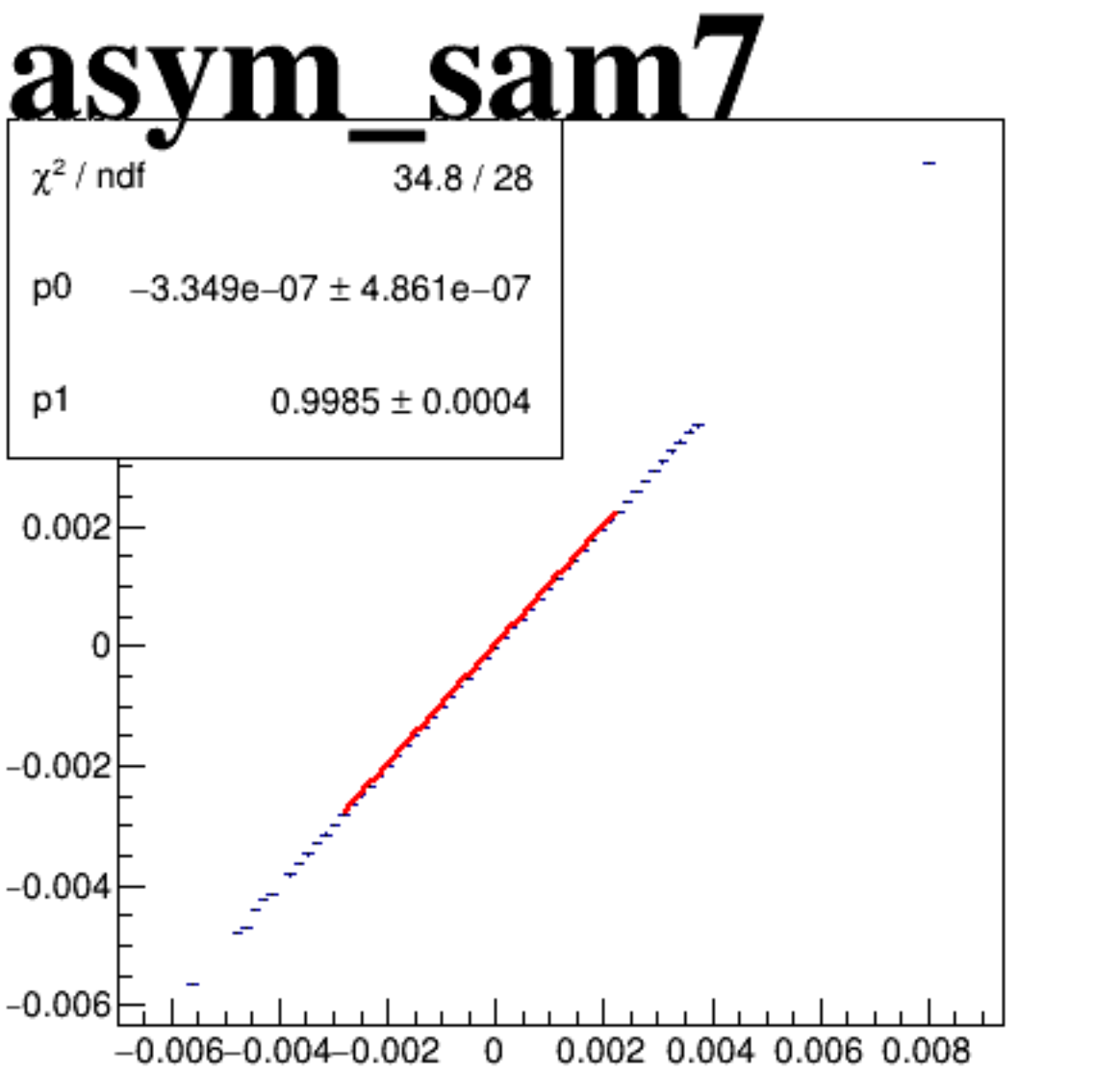
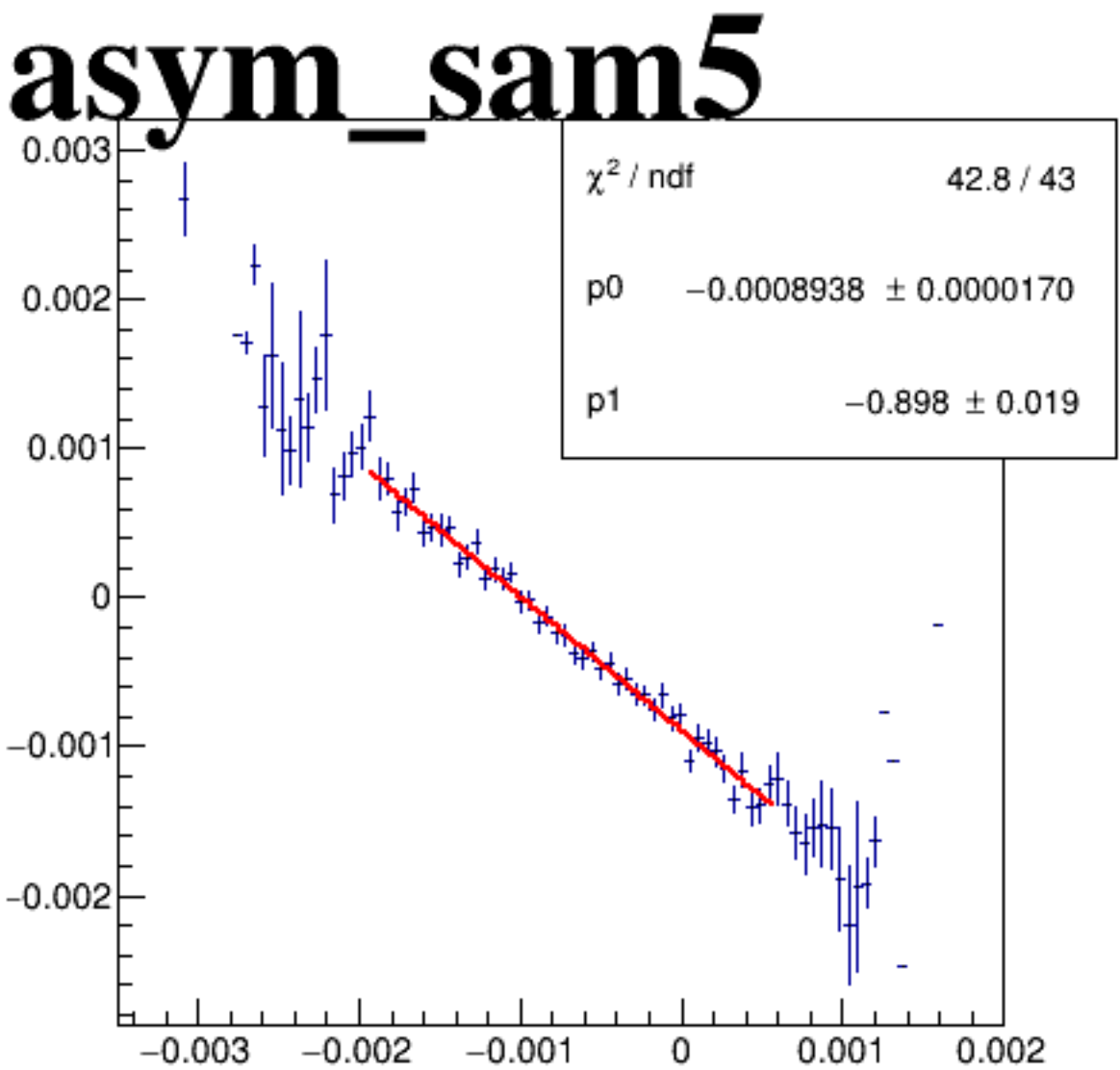
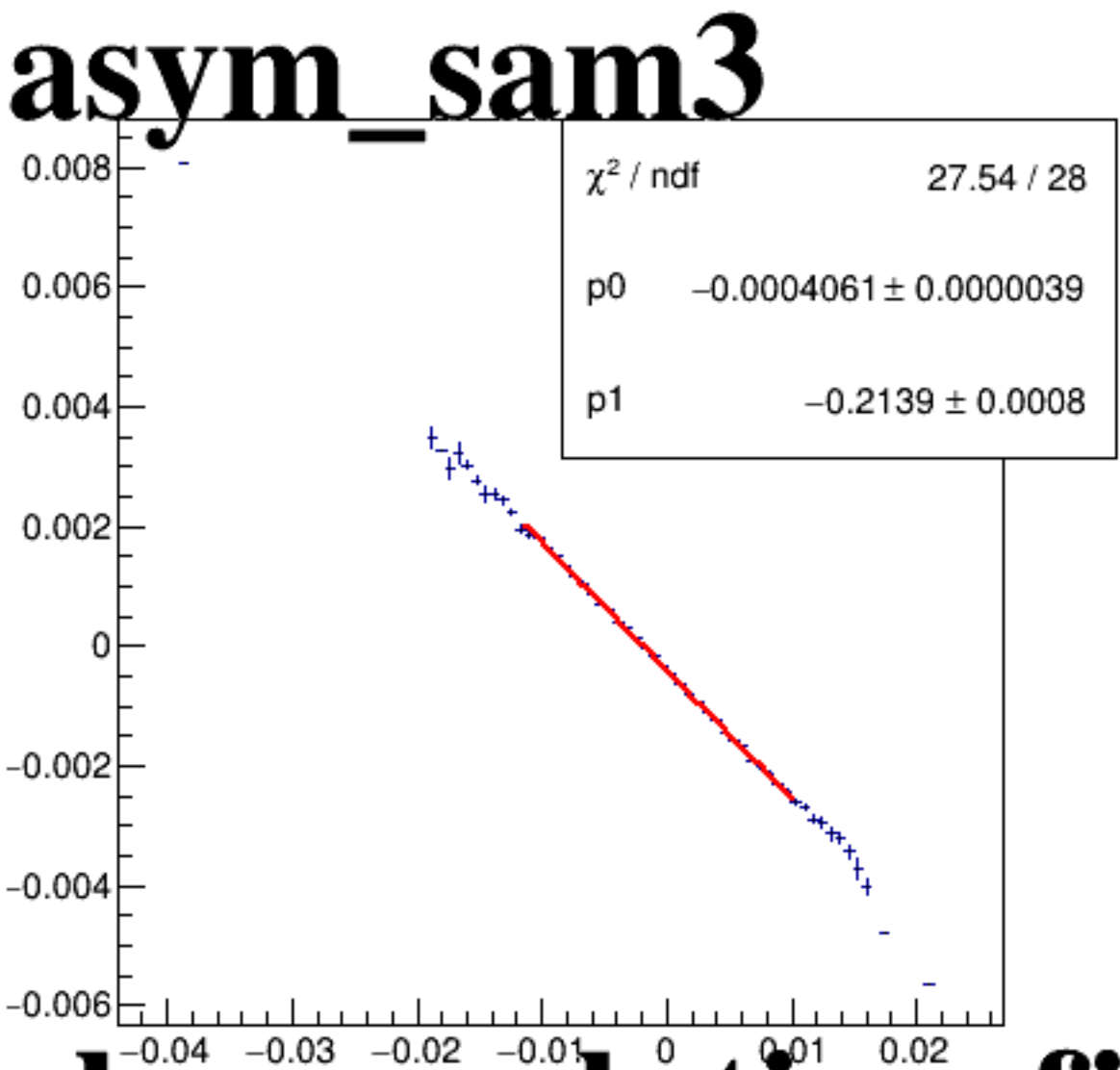
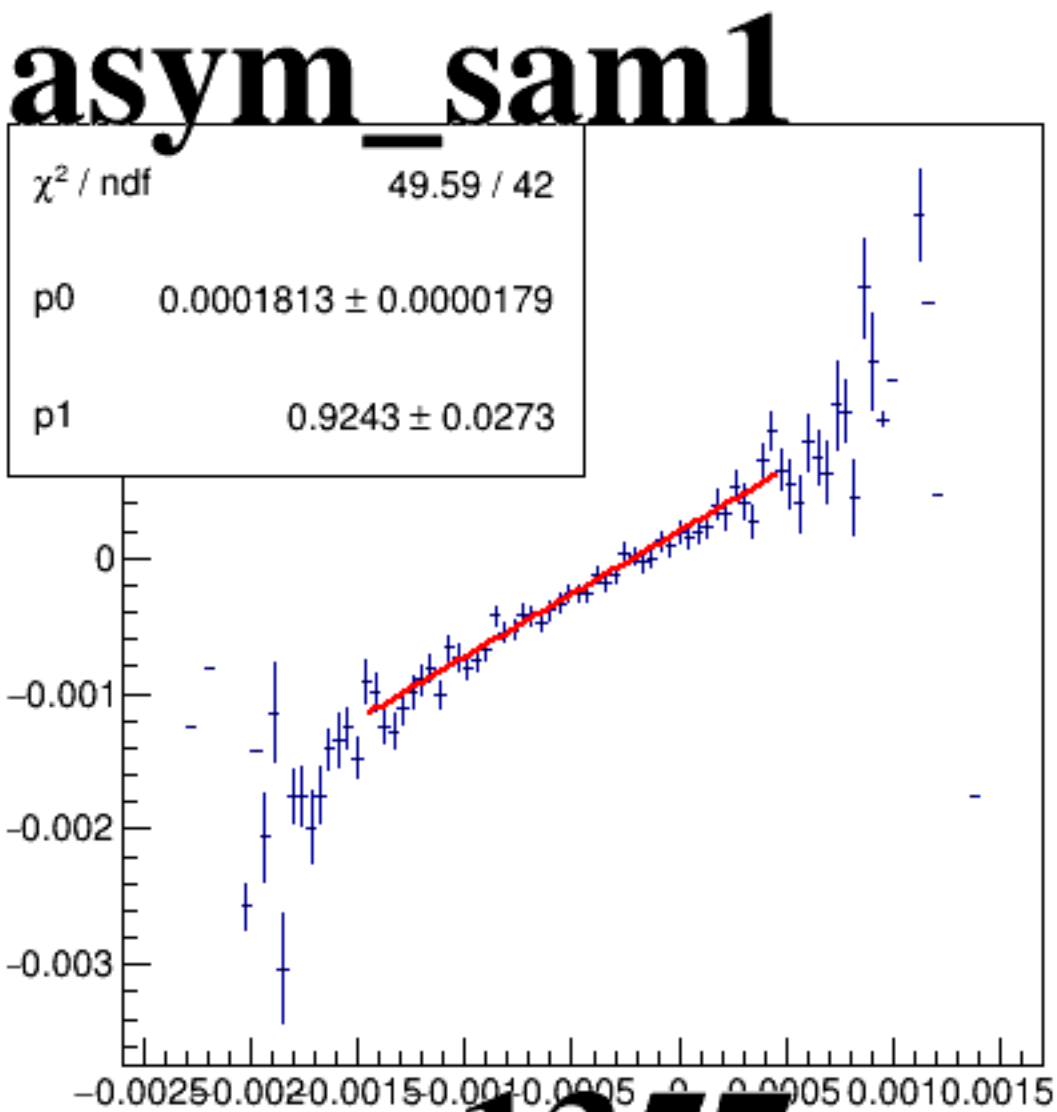
asym_sam3



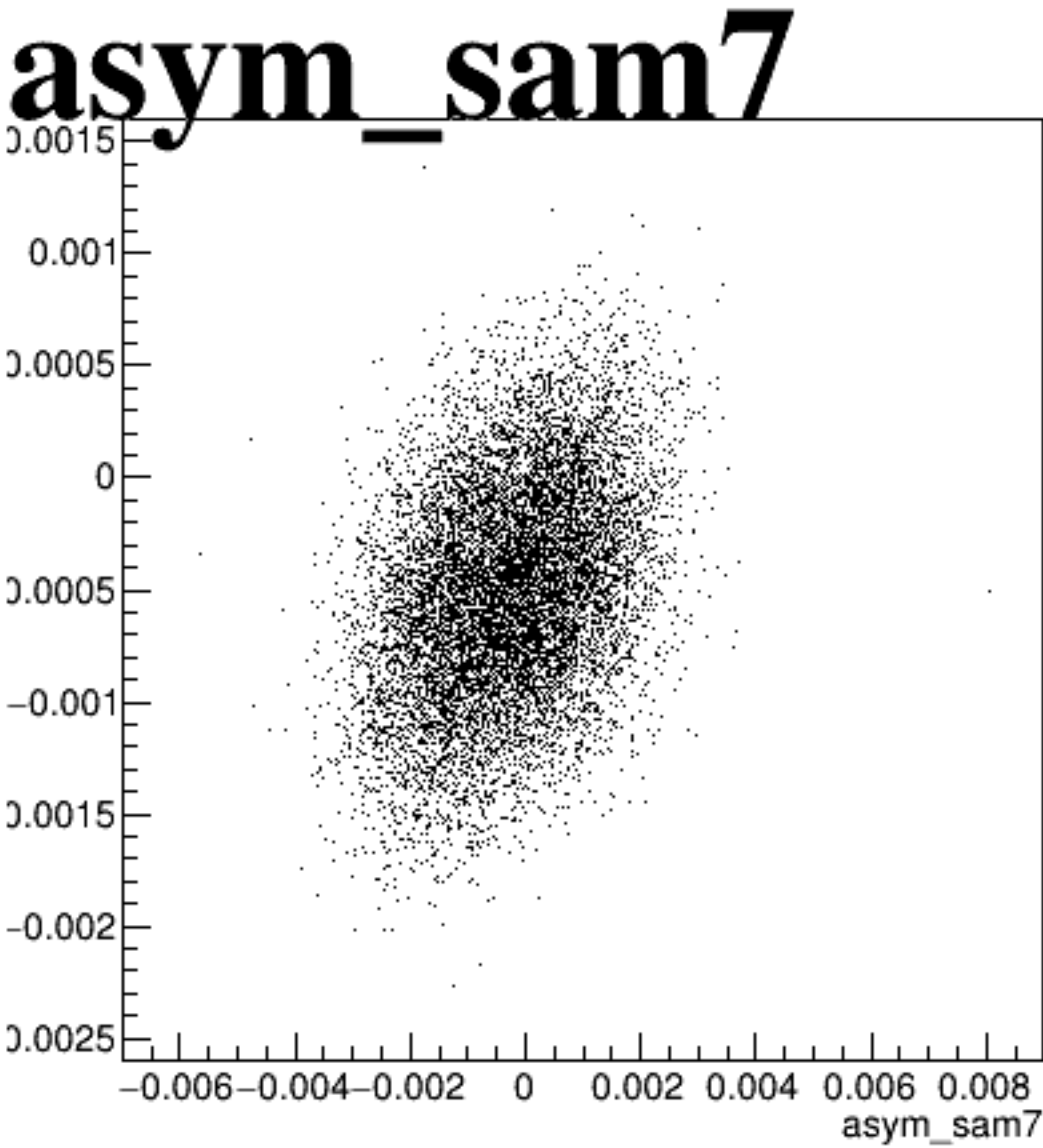
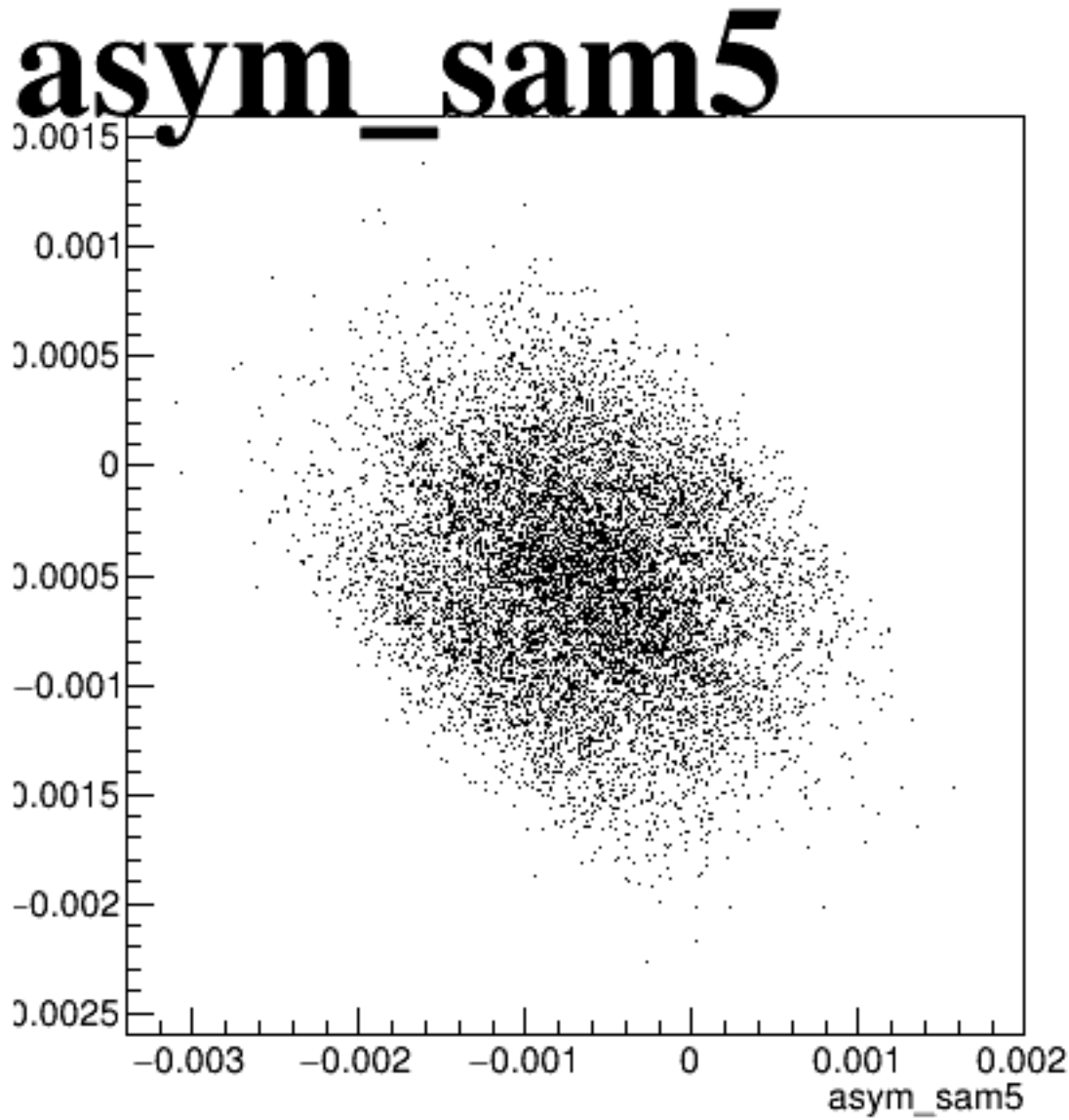
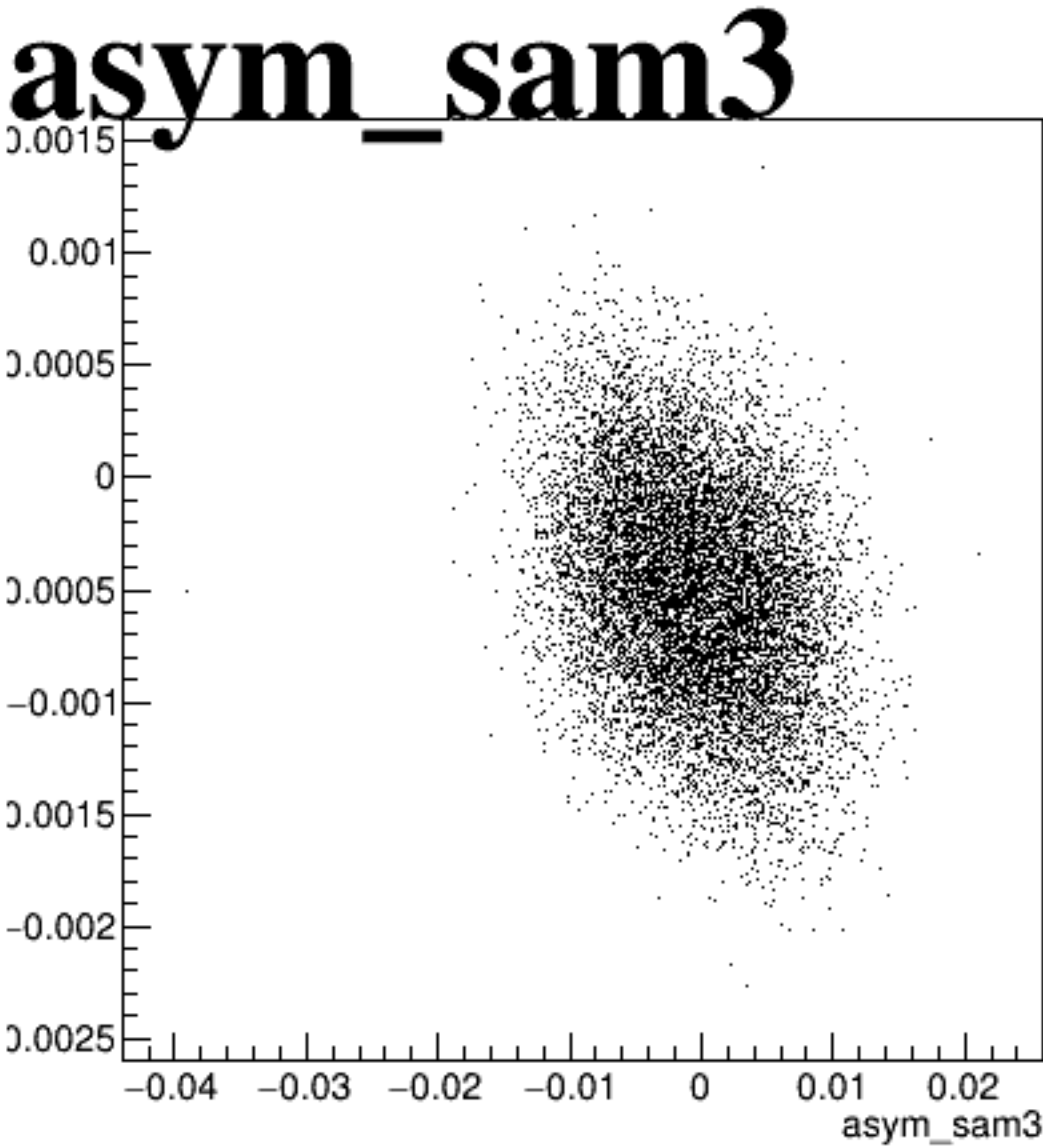
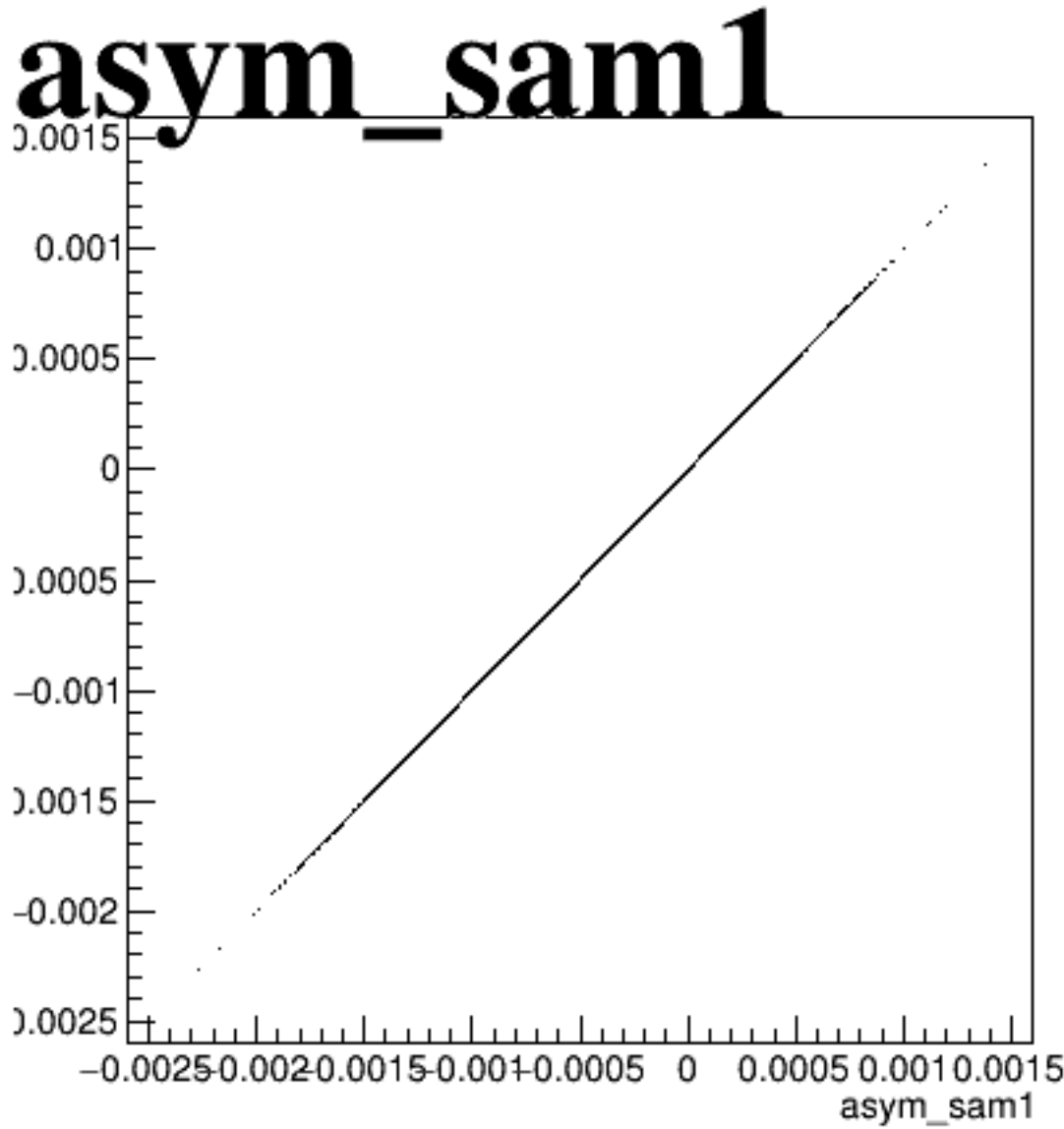
asym_sam5



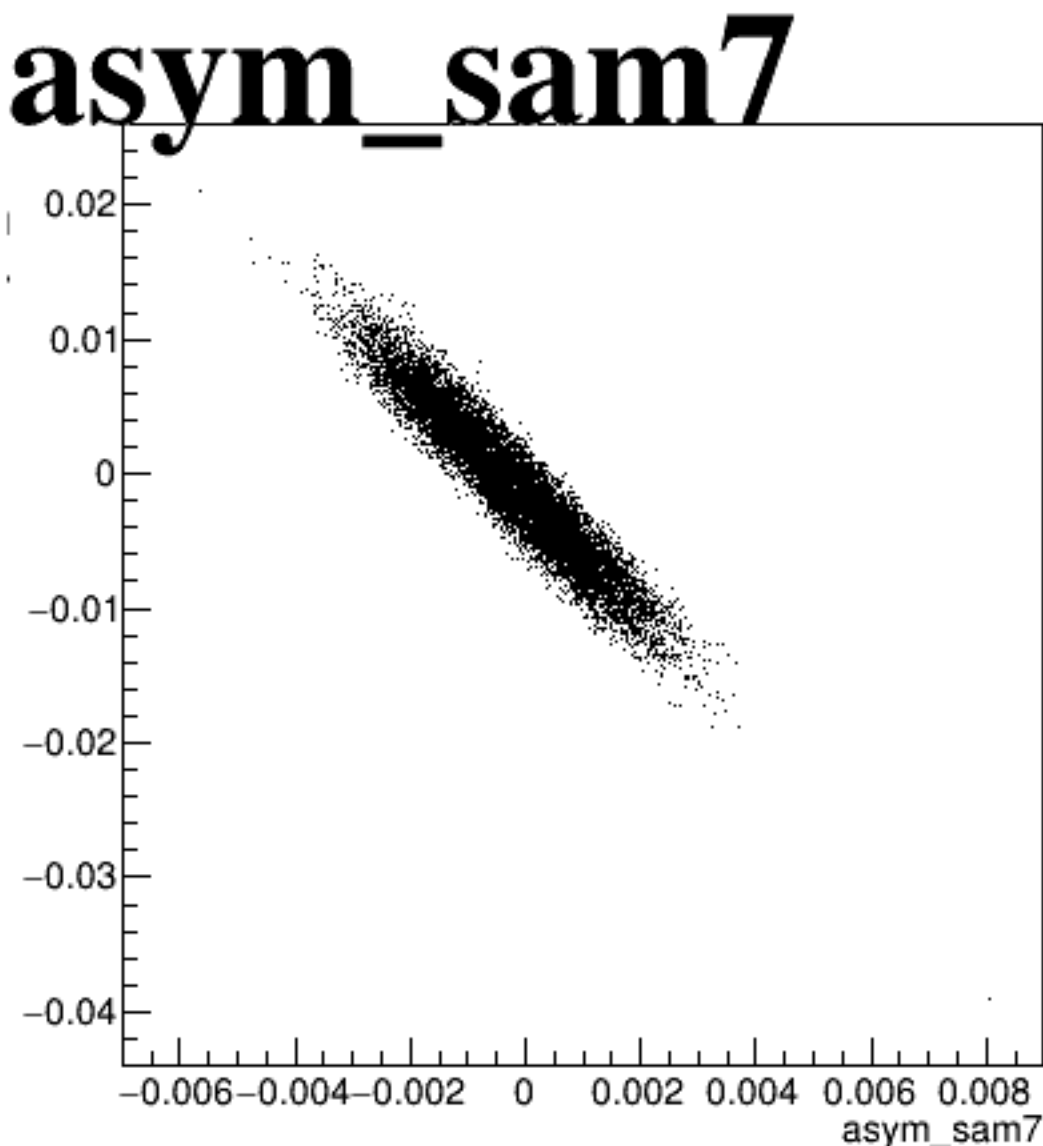
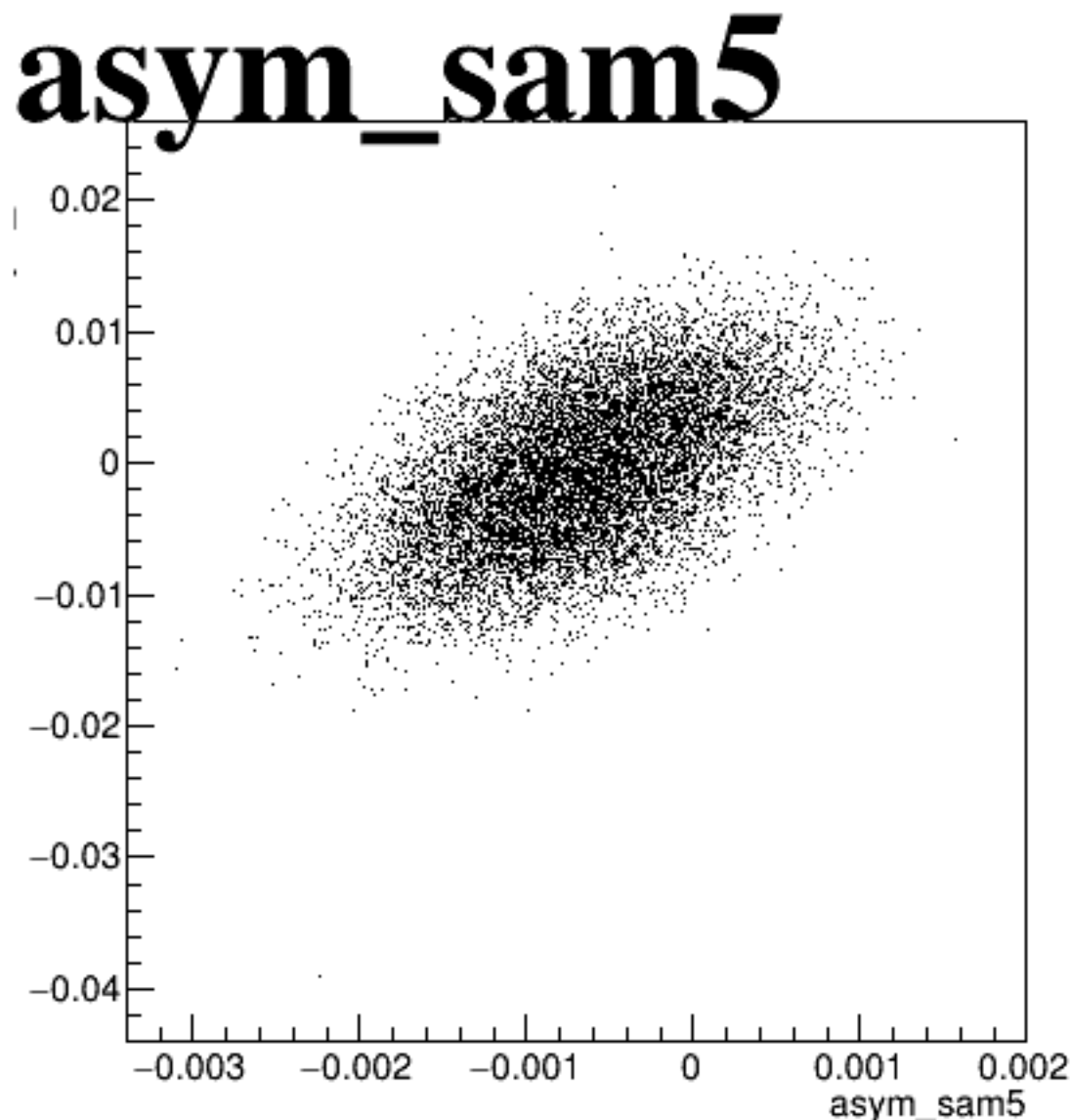
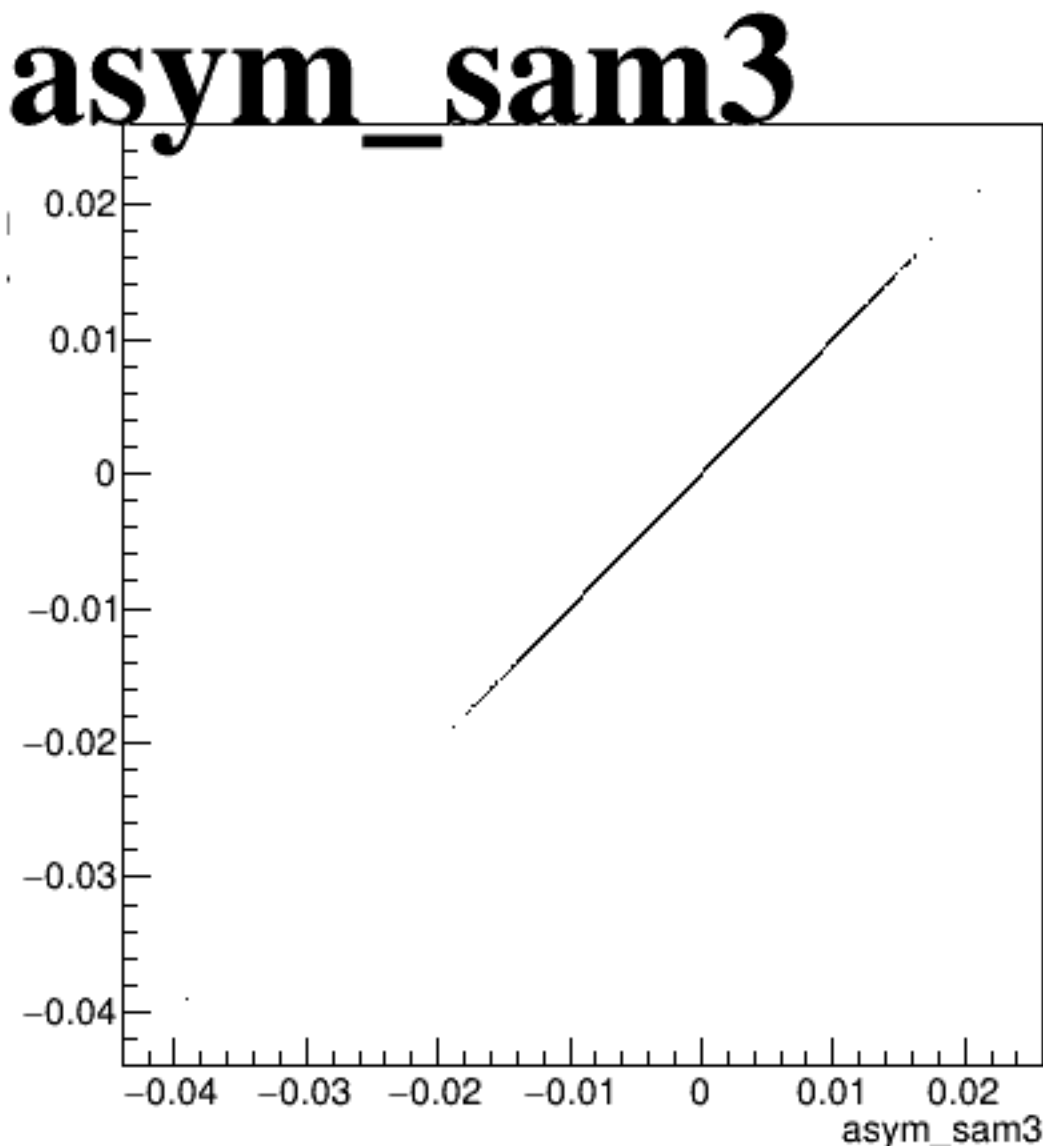
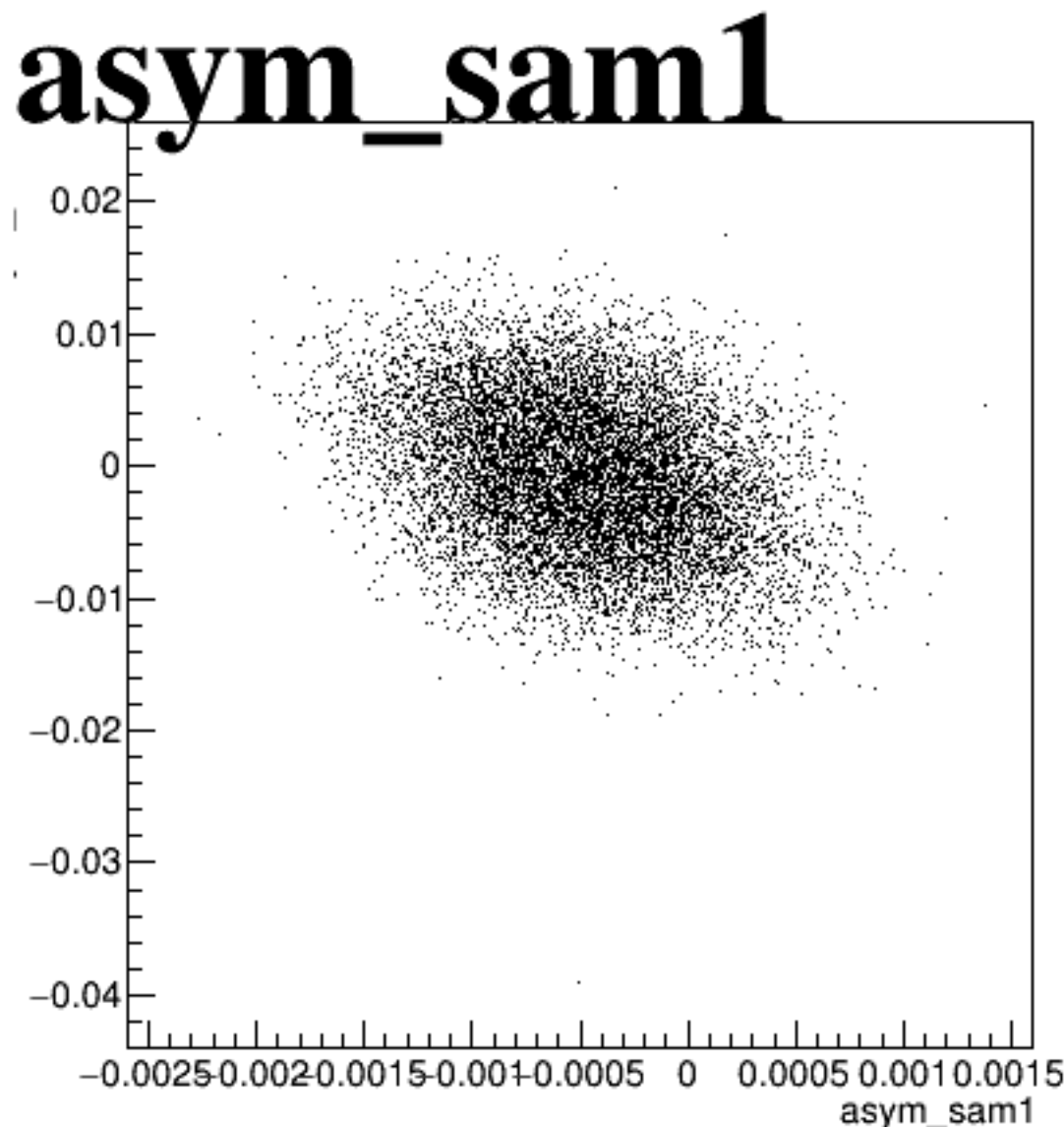
asym_sam7



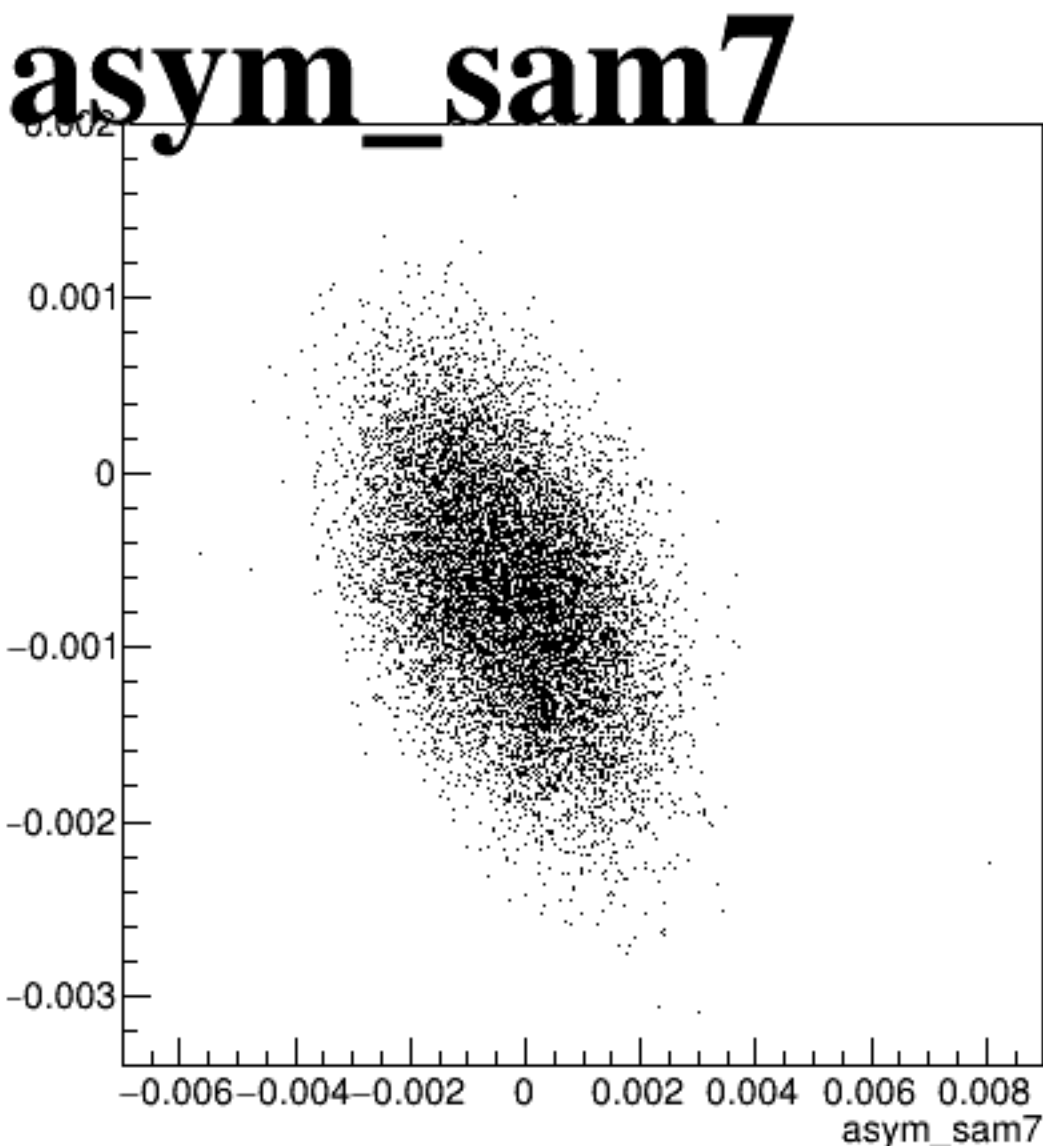
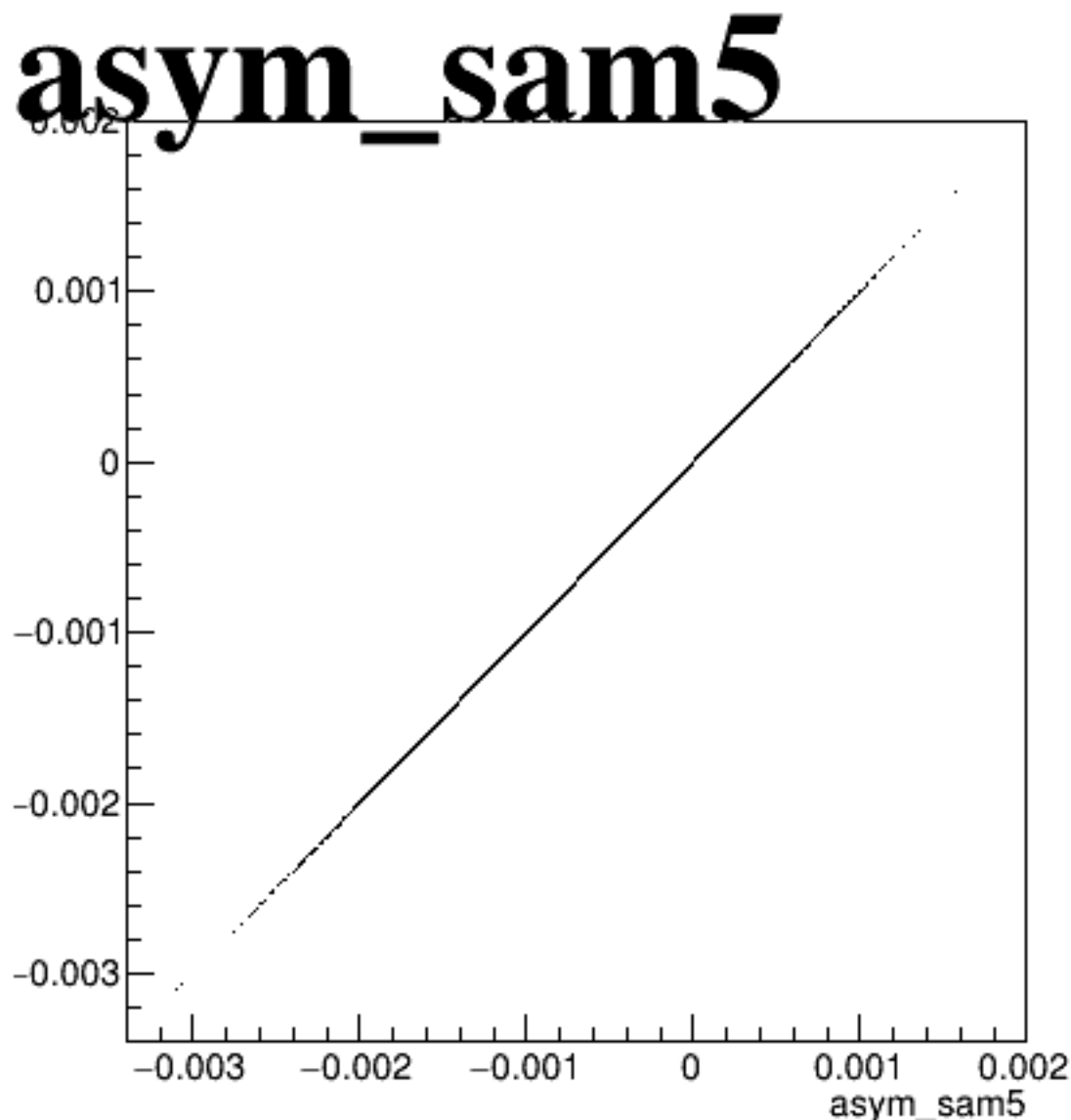
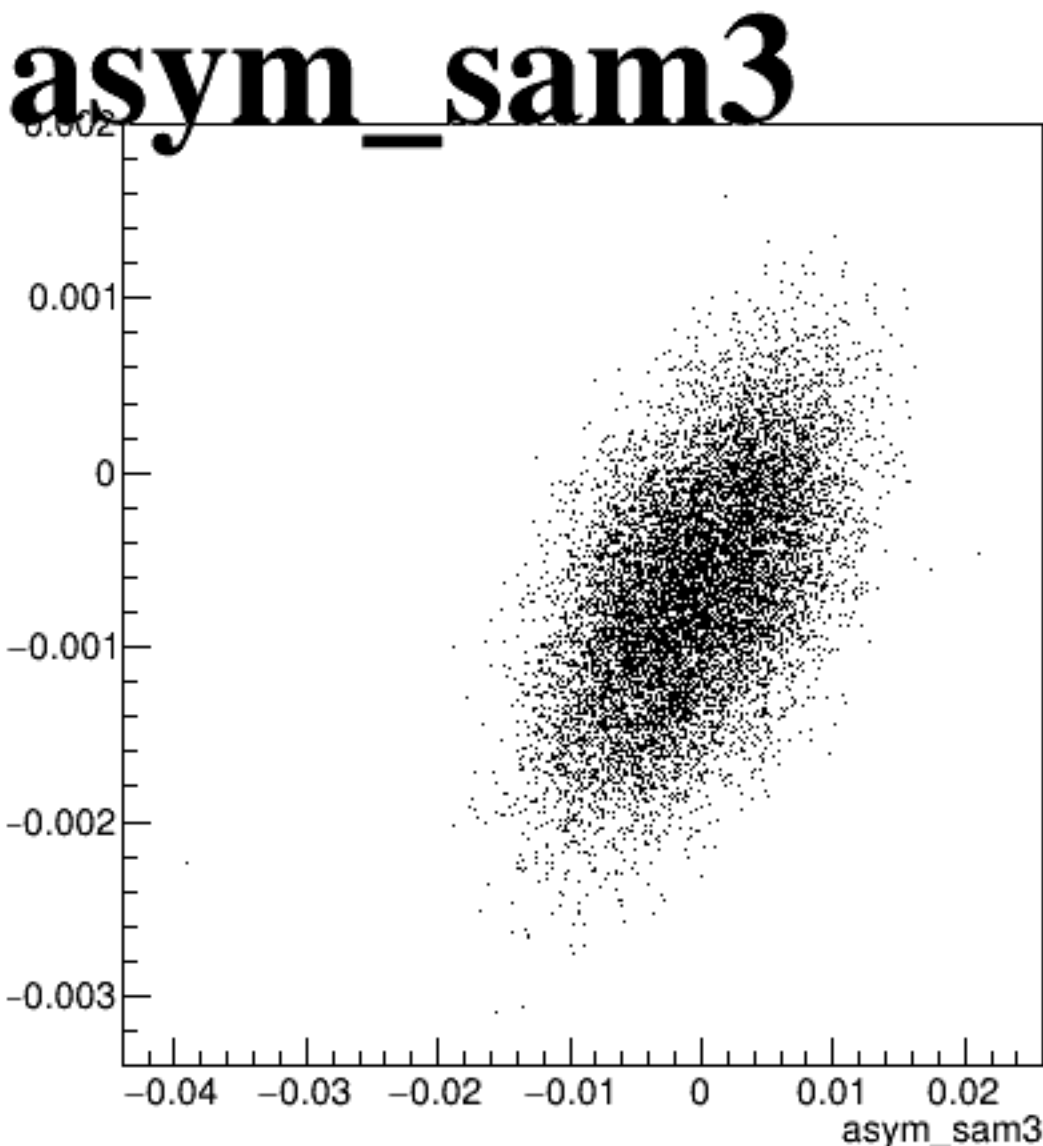
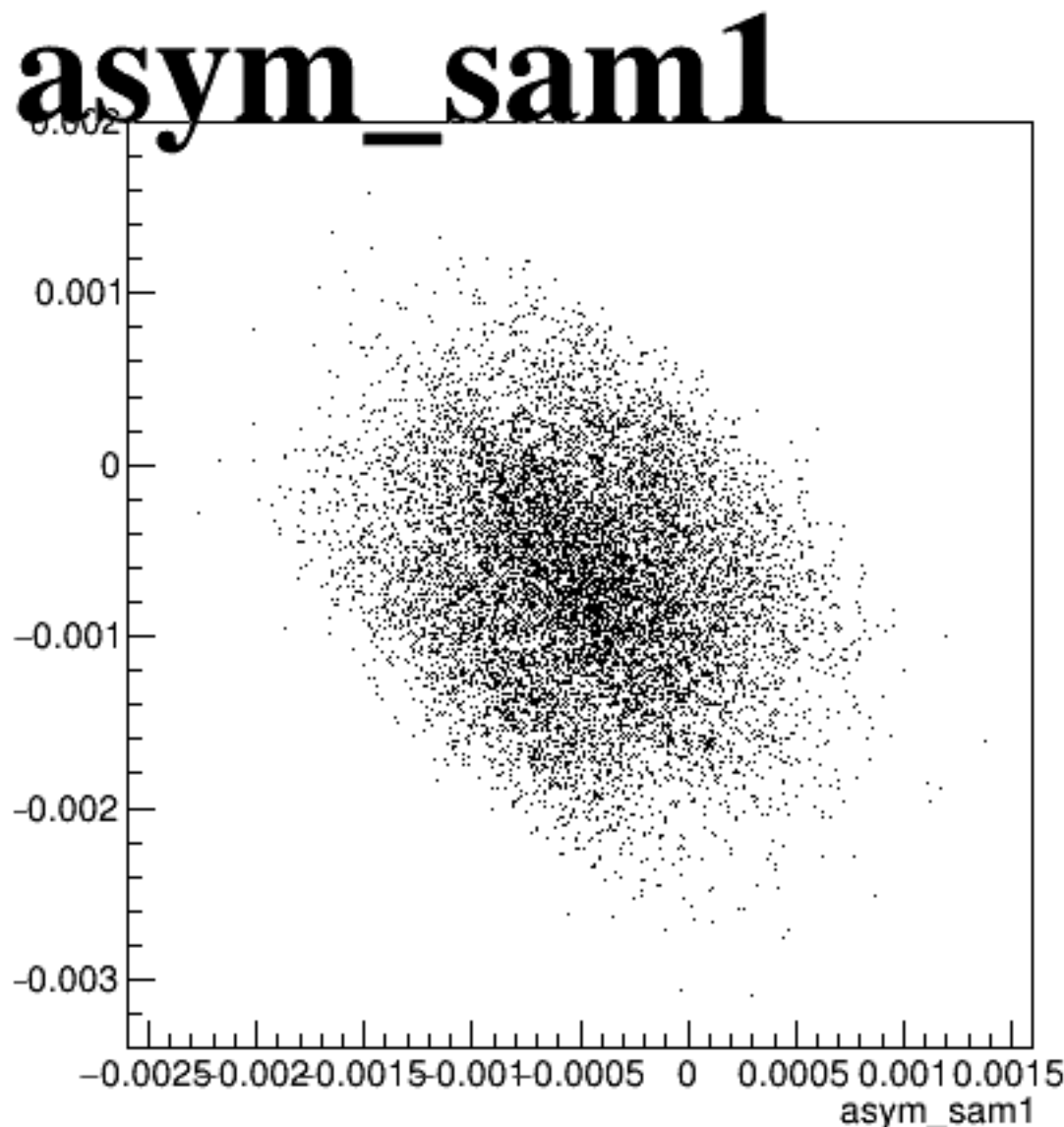
asym_sam1



asym_sam3



asym_sam5



asym_sam7

