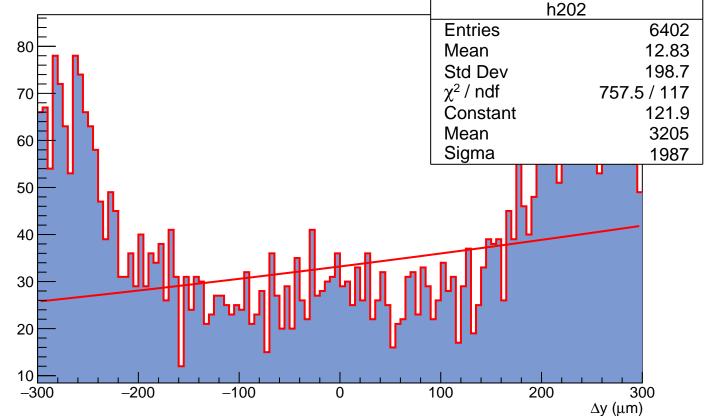


dy_temp (signal > 1.5mn)

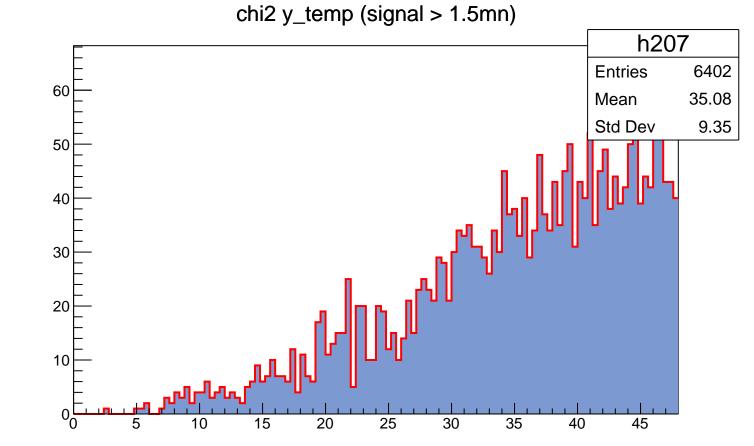


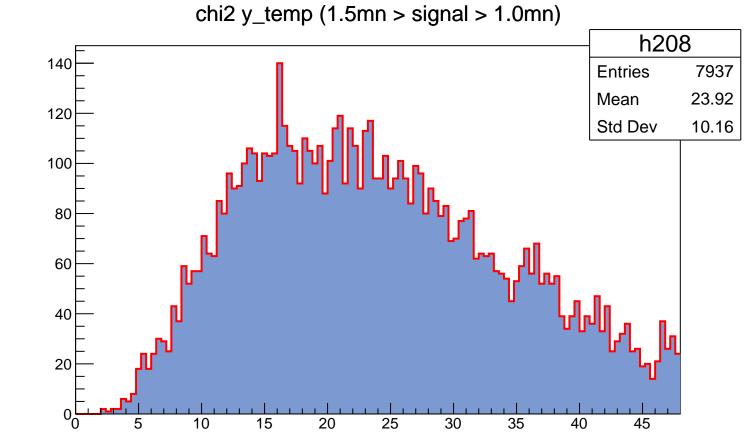
 dy_{temp} (1.5mn > signal > 1.0mn) h203 7937 **Entries** Mean 4.676 120 Std Dev 158.7 χ^2 / ndf 490.2 / 117 Constant 67.25 100 Mean 8.672 Sigma 271.4 80 60 40 20 -200 -100 100 300 -300200 $\Delta y (\mu m)$

 $dy_{temp} (1.0mn > signal > 0.85mn)$ h204 2430 **Entries** Mean 1.138 140 Std Dev 73.5 χ^2 / ndf 415.6 / 110 120 Constant 94.32 Mean -1.247100 Sigma 42.49 80 60 40 20 _300 -200 -100 100 300 200 $\Delta y (\mu m)$

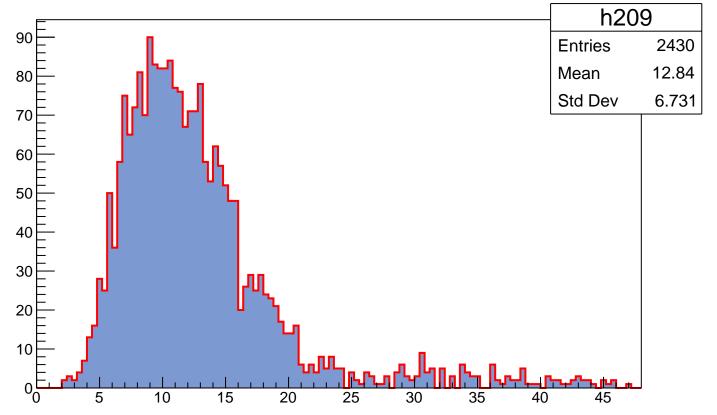
dy_temp (0.85mn > signal) h205 12265 **Entries** Mean -3.2321000 Std Dev 25.77 χ^2 / ndf 151.2 / 60 Constant 1029 800 Mean -3.388Sigma 23.47 600 400 200 _300 -200 -100 100 200 300 $\Delta y (\mu m)$

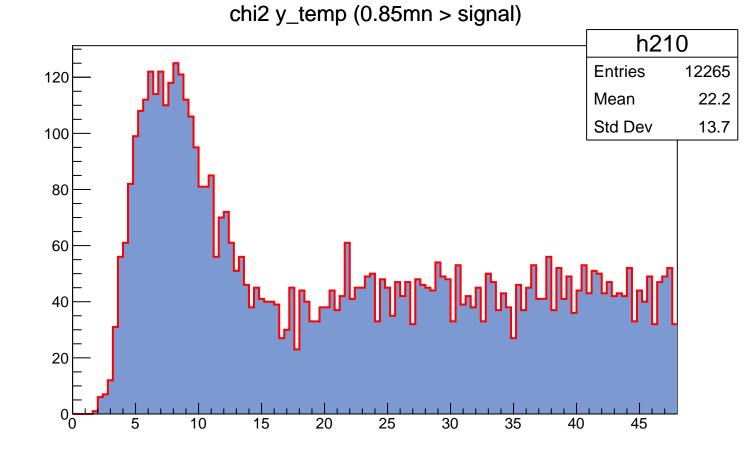
chi2 y_temp (single pix) h206 2 **Entries** 966 1.8 Mean 40.89 Std Dev 7.712 1.6 1.4 1.2 8.0 0.6 0.4 0.2 0, 45 5 10 15 20 25 30 35 40

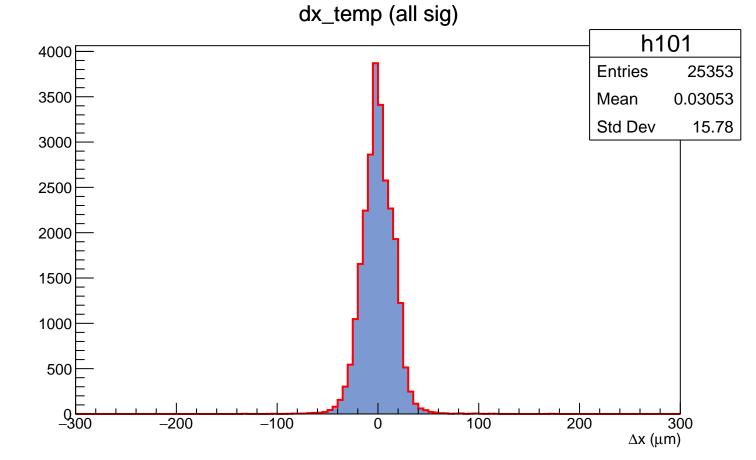


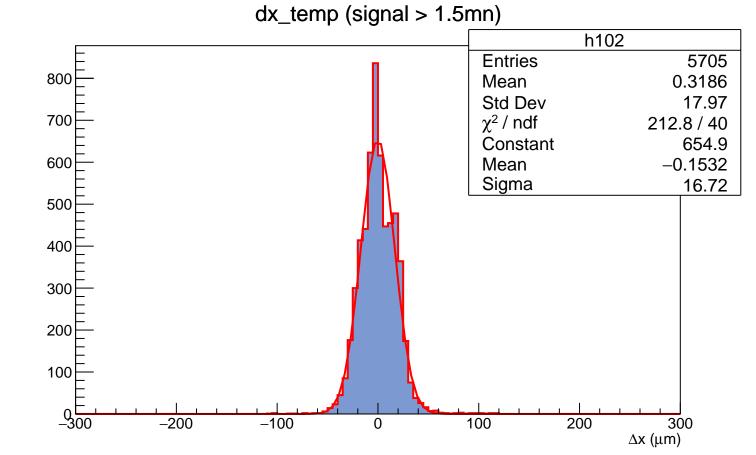


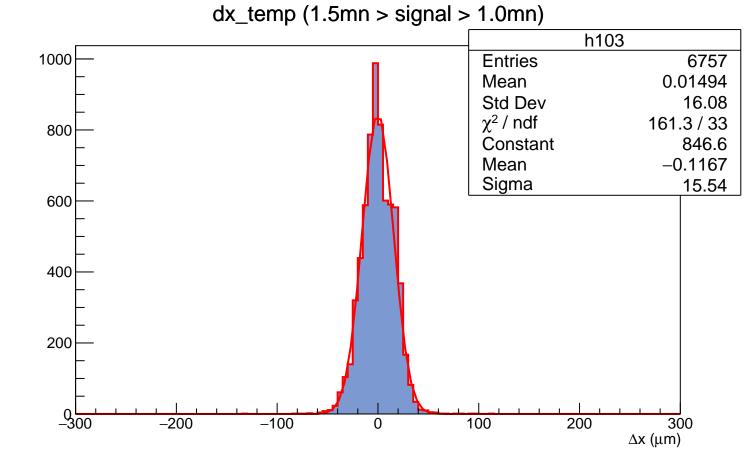
chi2 y_temp (1.0mn > signal > 0.85mn)

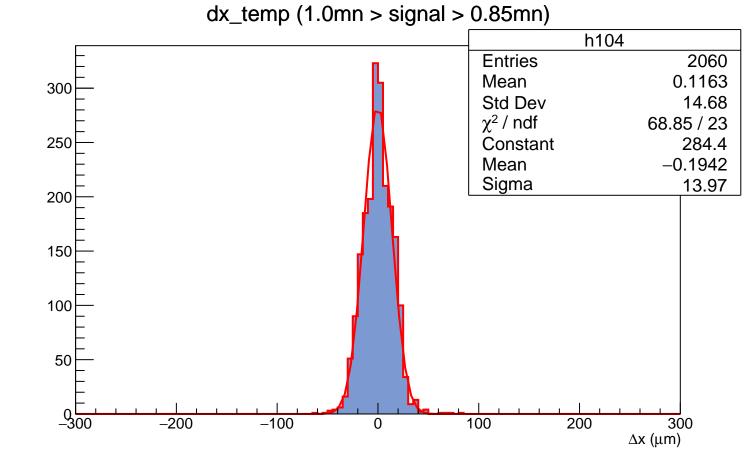


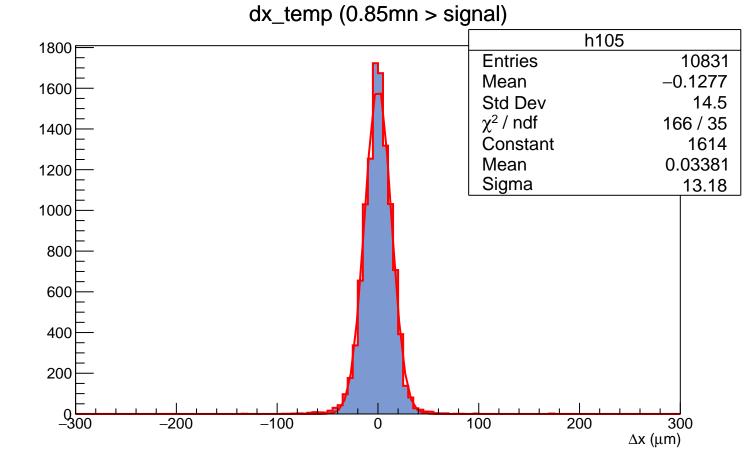




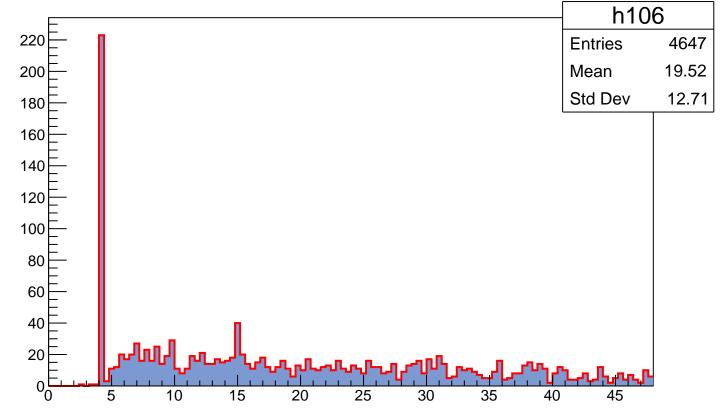








chi2 x_temp (single pix)



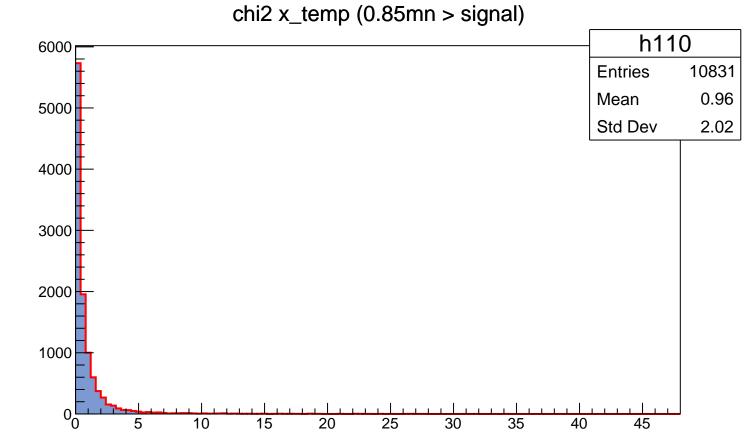
chi2 x_temp (signal > 1.5mn) h107 **Entries** 4.832 Mean Std Dev 7.575 0,

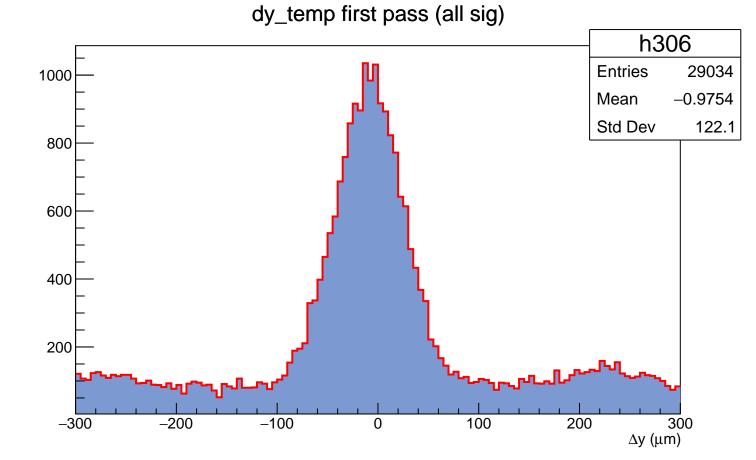
chi2 x_temp (1.5mn > signal > 1.0mn)h108 **Entries** 3.287 Mean Std Dev 5.828

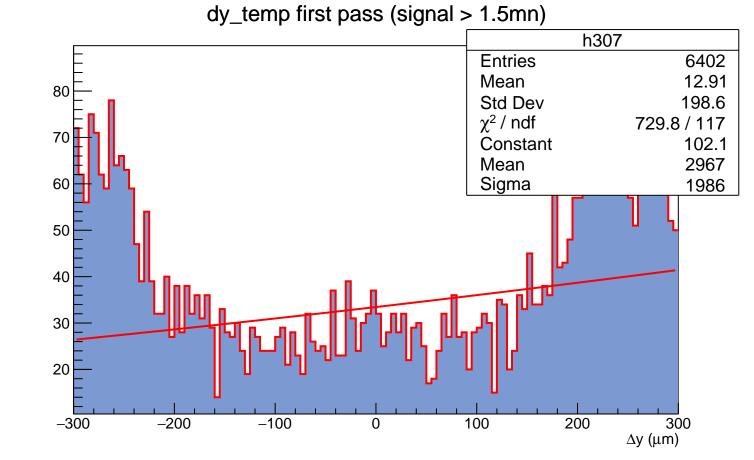
0,

chi2 x_temp (1.0mn > signal > 0.85mn)h109 **Entries** 2.368 Mean Std Dev 4.749

0,

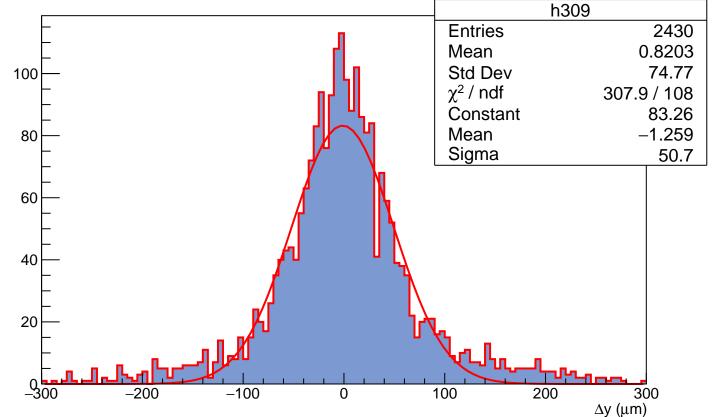






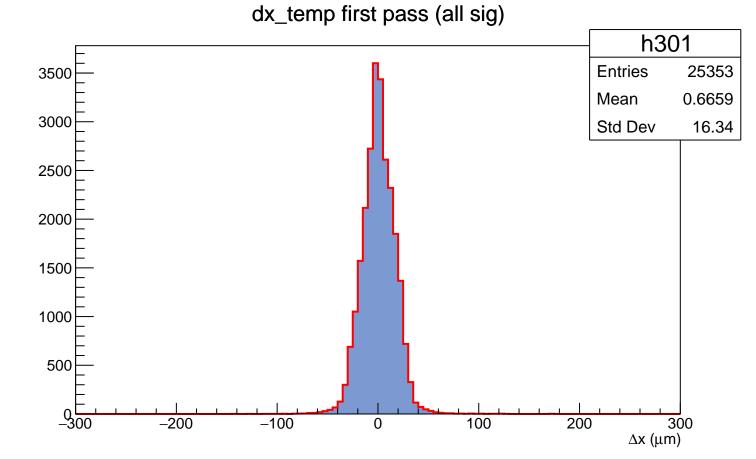
dy_temp first pass (1.5mn > signal > 1.0mn) h308 7937 **Entries** Mean 4.646 120 Std Dev 158.6 χ^2 / ndf 422.3 / 117 Constant 67.97 100 Mean 12.19 Sigma 270.6 80 60 40 20 -200 -100 100 300 -300200 $\Delta y (\mu m)$

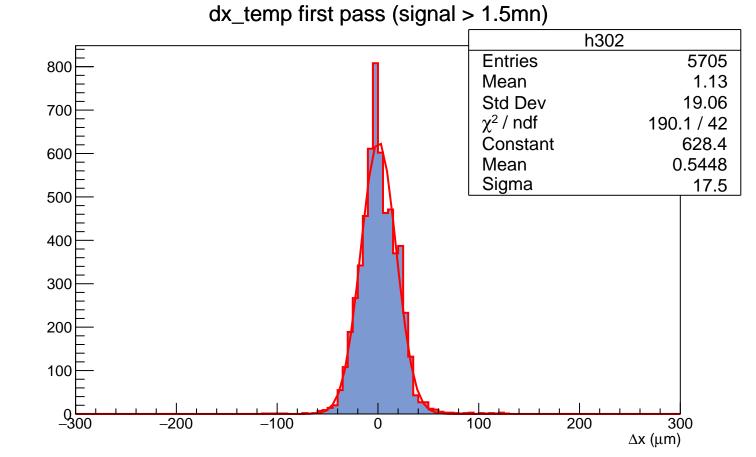
dy_temp first pass (1.0mn > signal > 0.85mn)

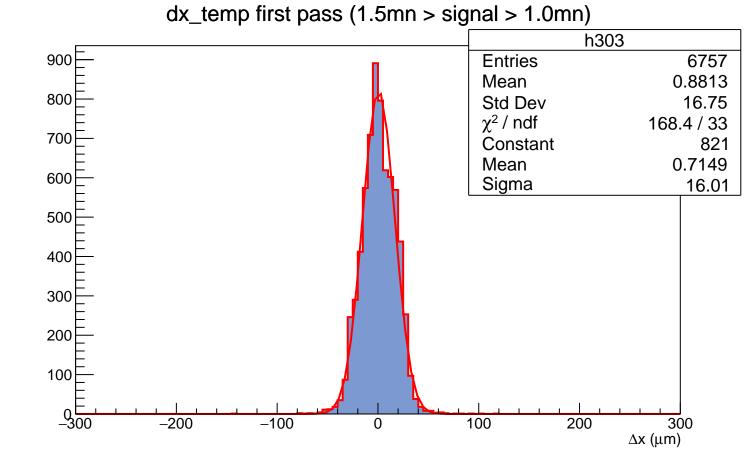


dy_temp first pass (0.85mn > signal) h310 800 **Entries** 12265 Mean -10.01Std Dev 33.09 700 χ^2 / ndf 135.8 / 68 Constant 767.9 600 Mean -9.806Sigma 31.51 500 400 300 200 100 _300 -200 -100 200 300 100

 $\Delta y (\mu m)$

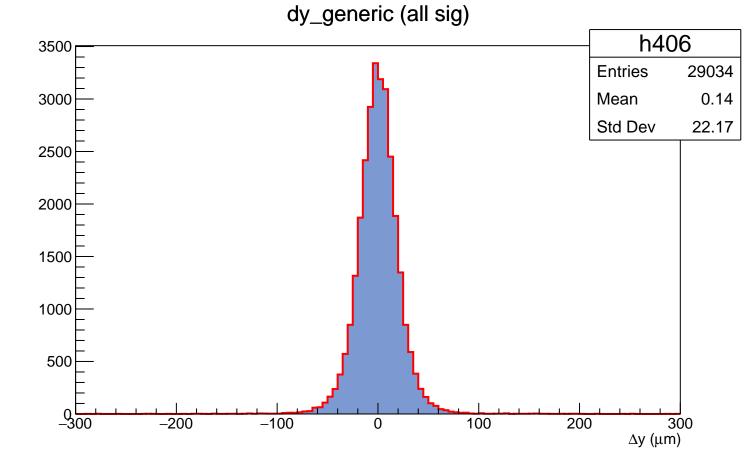


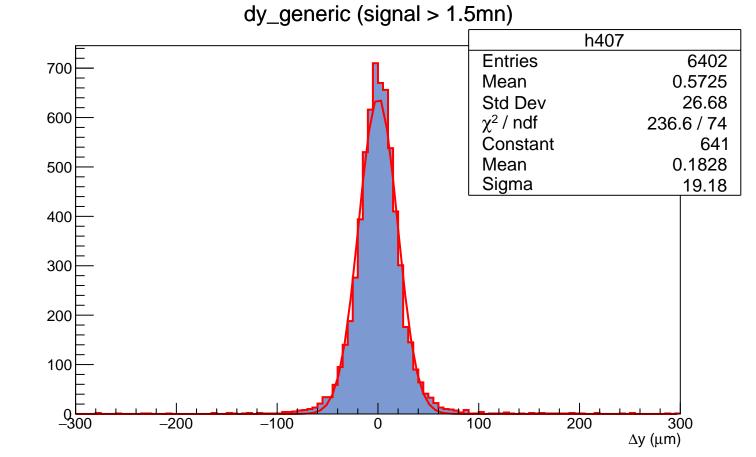




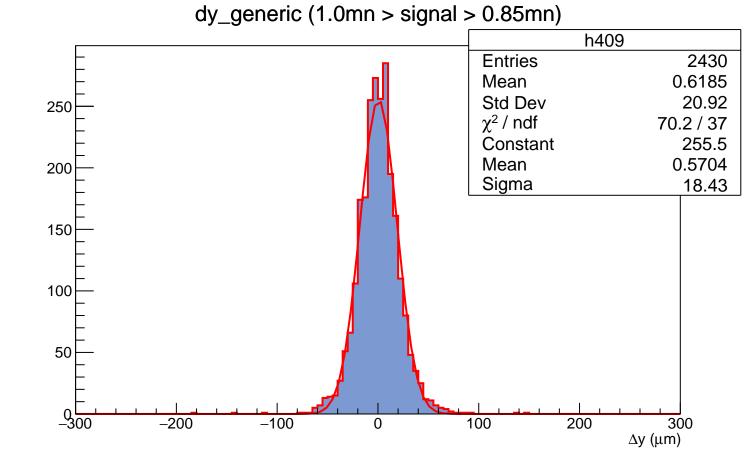
dx_temp first pass (1.0mn > signal > 0.85mn) h304 **Entries** 2060 Mean 1.287 Std Dev 15.13 250 χ^2 / ndf 69.87 / 24 Constant 279.4 Mean 1.189 200 Sigma 14.21 150 100 50 _300 -200 -100 100 200 300 $\Delta x (\mu m)$

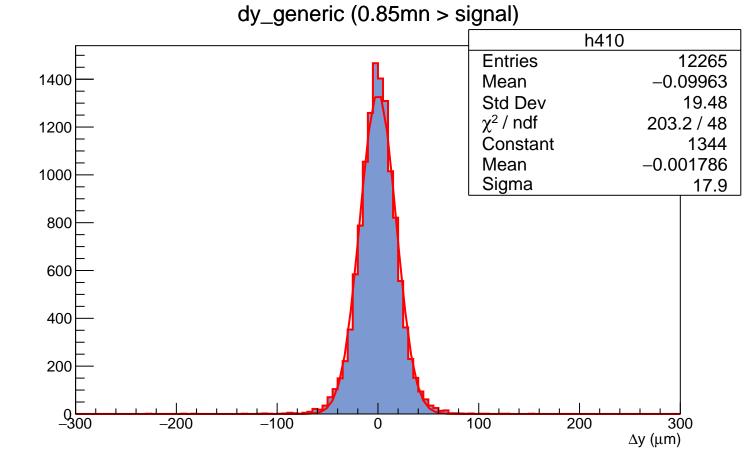
dx_temp first pass (0.85mn > signal) h305 1800 10831 **Entries** Mean 0.1693 1600 Std Dev 14.65 χ^2 / ndf 153.1 / 34 1400 Constant 1571 Mean 0.2595 1200 Sigma 13.56 1000 800 600 400 200 _300 -200 -100 100 200 300 $\Delta x (\mu m)$

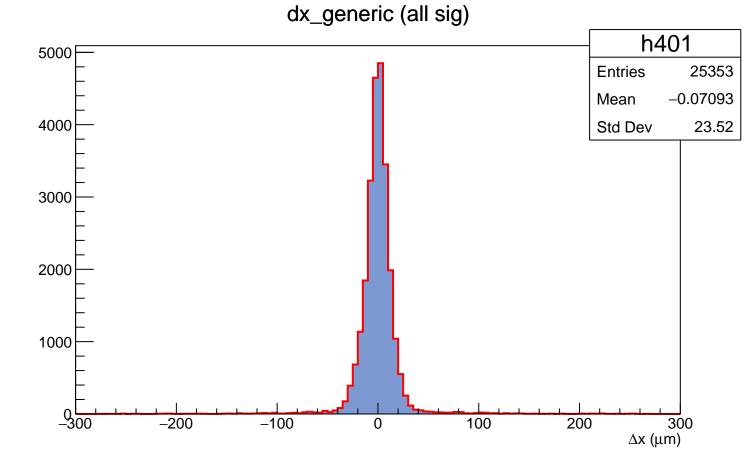




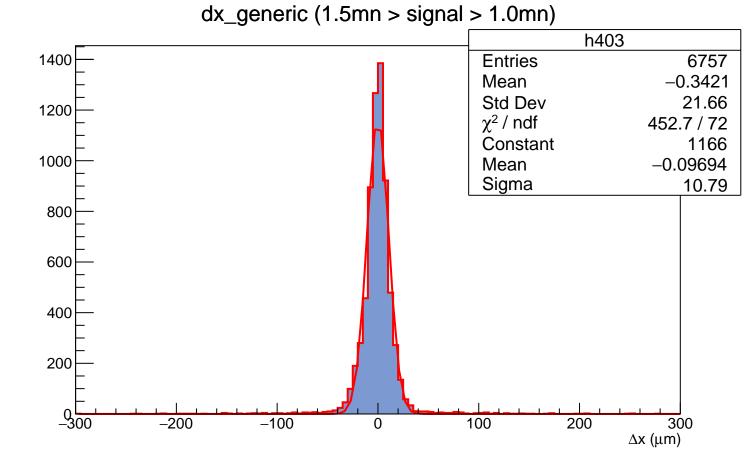
dy_generic (1.5mn > signal > 1.0mn) h408 900 **Entries** 7937 Mean 0.01504 800 Std Dev 22.43 χ^2 / ndf 200 / 62 700 Constant 838 Mean 0.1334 600 Sigma 18.42 500 400 300 200 100 _300 -100 -200 100 200 300 $\Delta y (\mu m)$

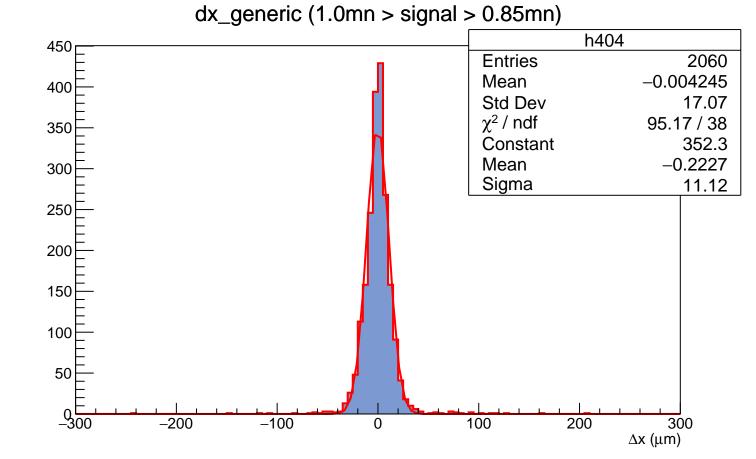


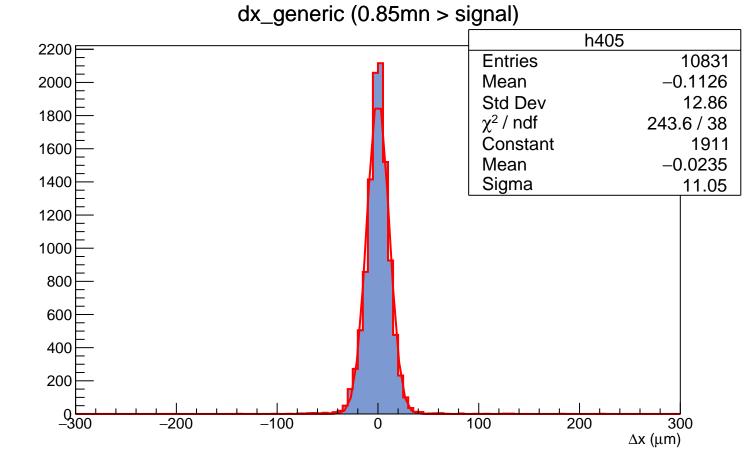




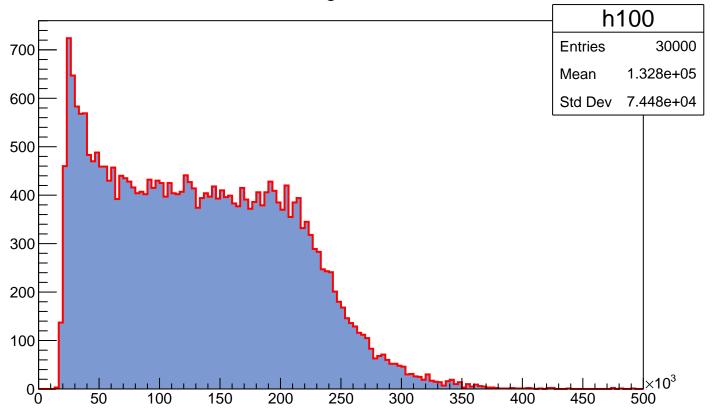
dx_generic (signal > 1.5mn) h402 5705 **Entries** 900 Mean 0.3054 Std Dev 38.51 800 χ^2 / ndf 747.9 / 99 Constant 800.4 700 Mean -0.2576Sigma 12.35 600 500 400 300 200 100 _300 -100 -200 100 200 300 $\Delta x (\mu m)$



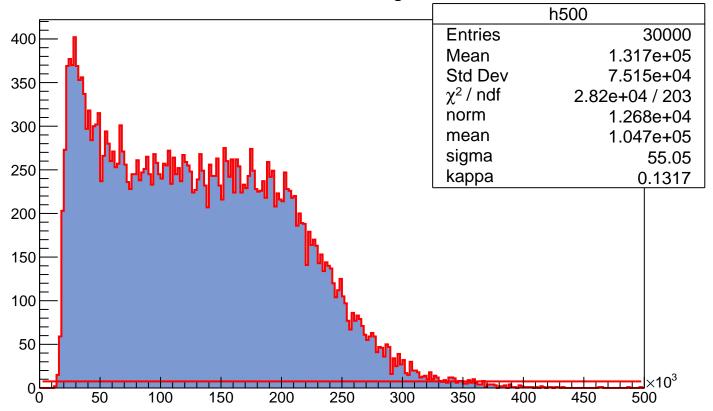


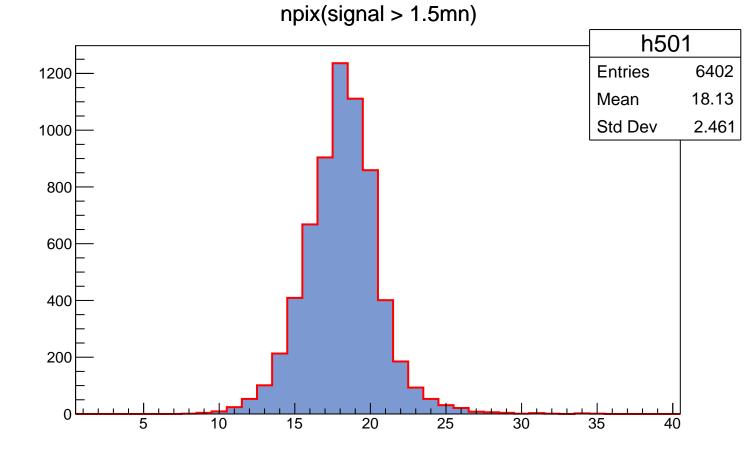


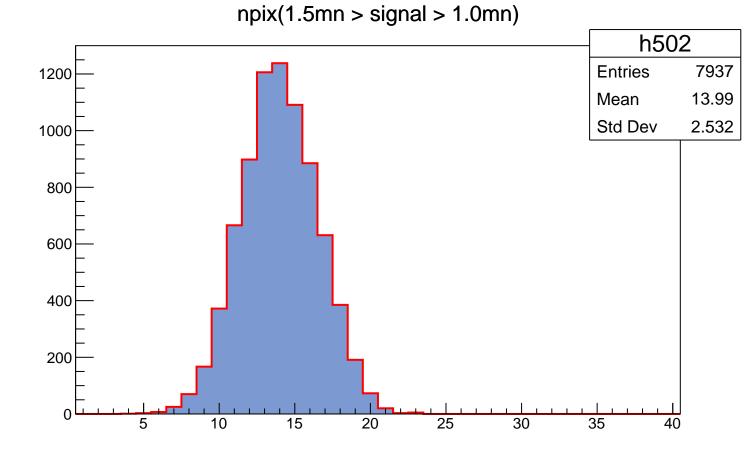
Number generated e

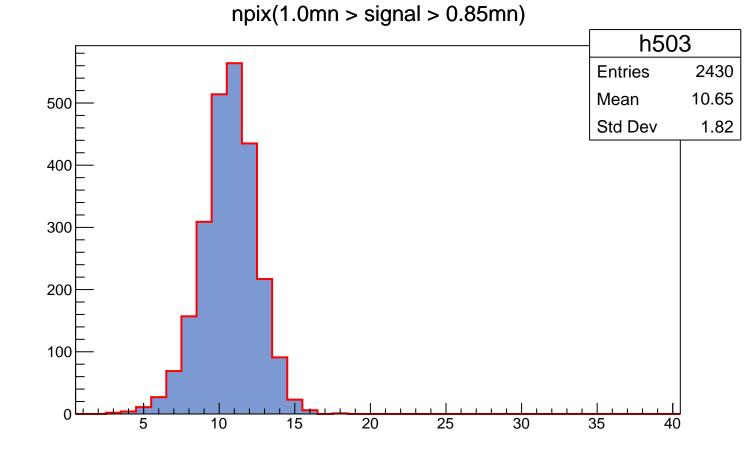


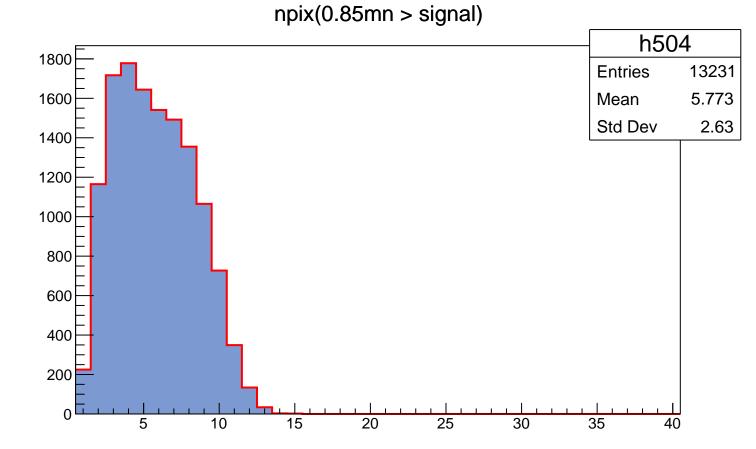
Cluster Charge



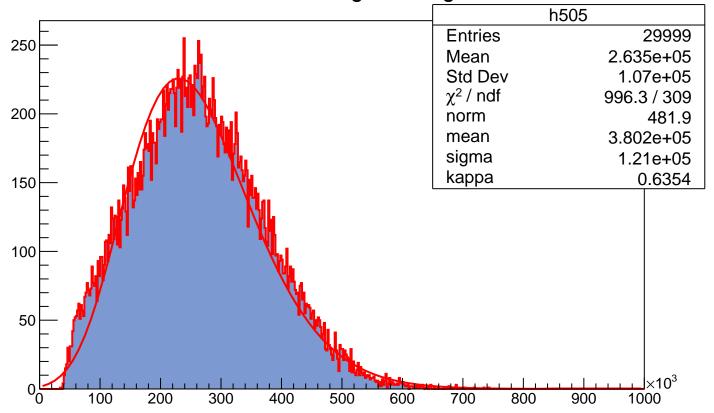






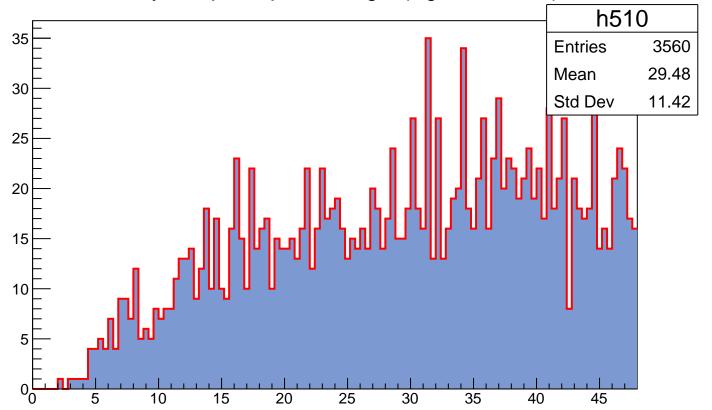


2 Cluster Merged Charge

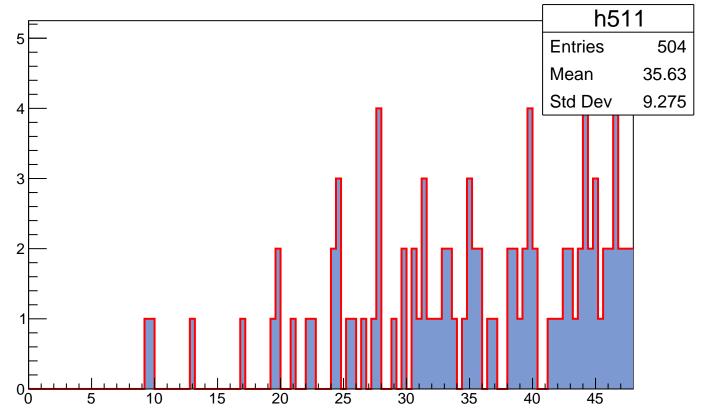


measured Q/generated Q h606 700 **Entries** 30000 0.9906 Mean 600 Std Dev 0.08887 500 400 300 200 100 0.2 0.6 0.8 0.4

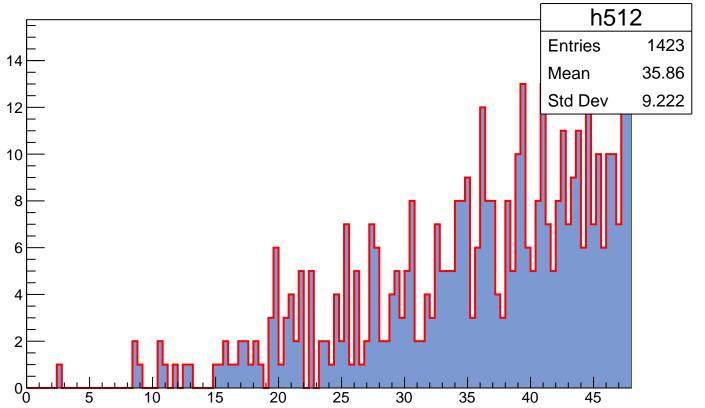
chi2y_temp first pass, merged(signal > 1.5mn)



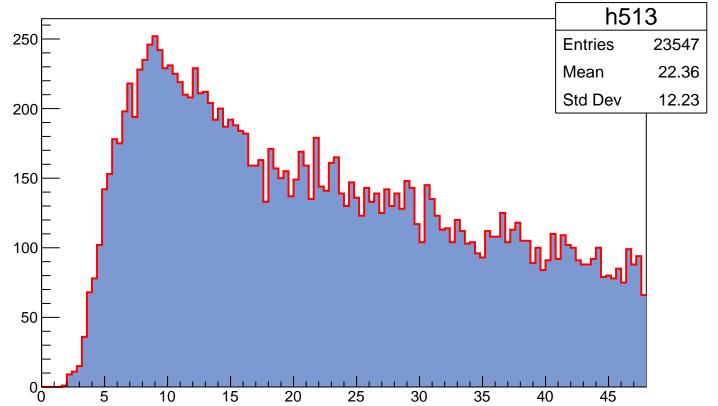
chi2y_temp first pass, merged(1.5mn > signal > 1.0mn)



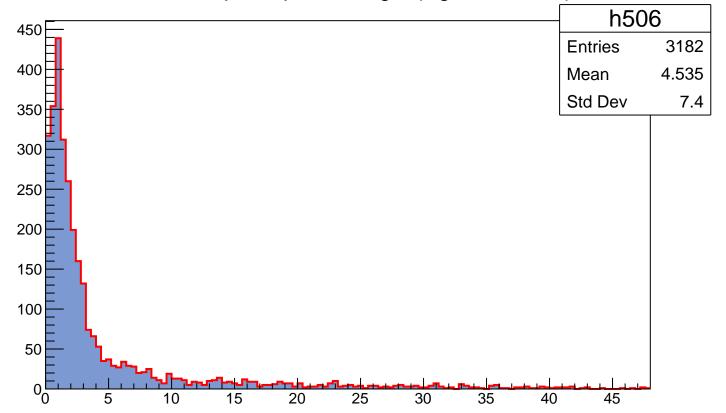
chi2y_temp first pass, merged(1.0mn > signal > 0.85mn)



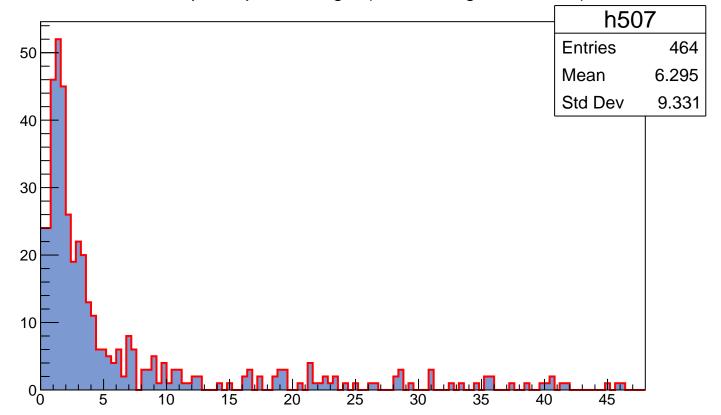
chi2y_temp first pass, merged(0.85mn > signal)



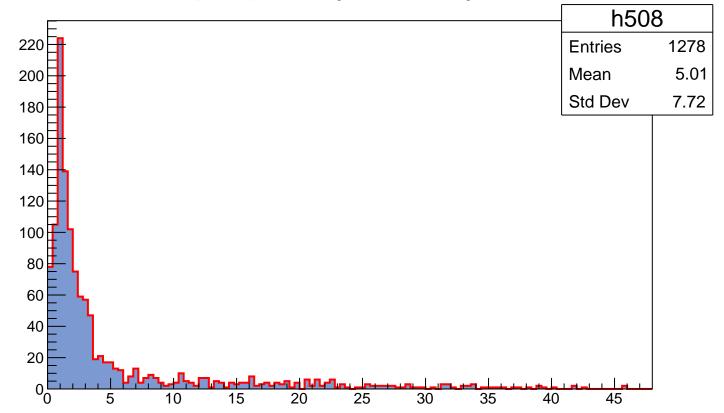
chi2x_temp first pass, merged(signal > 1.5mn)



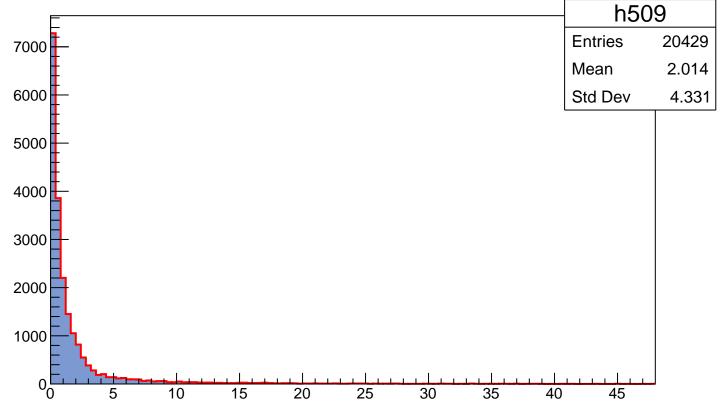
chi2x_temp first pass, merged(1.5mn > signal > 1.0mn)



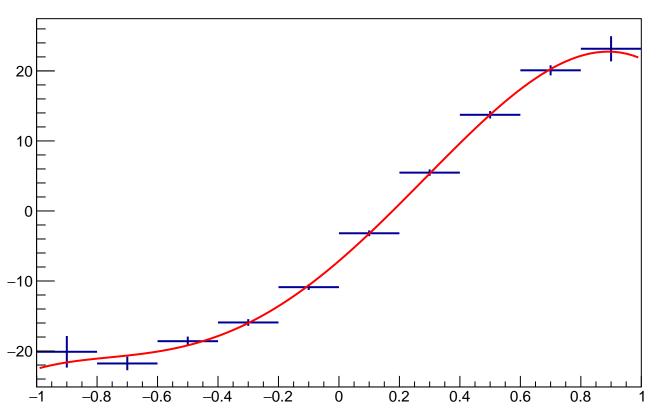
chi2x_temp first pass, merged(1.0mn > signal > 0.85mn)



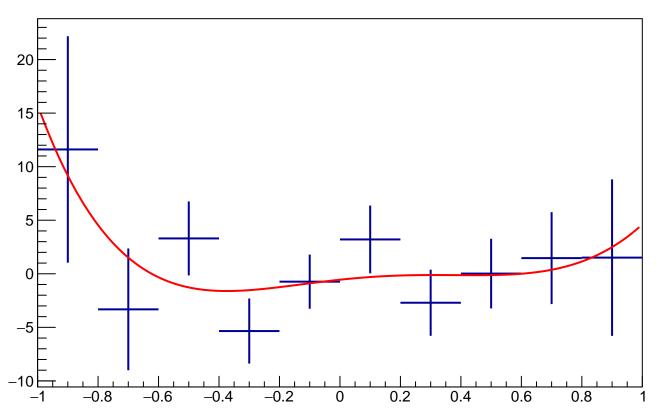
chi2x_temp first pass, merged(0.85mn > signal)



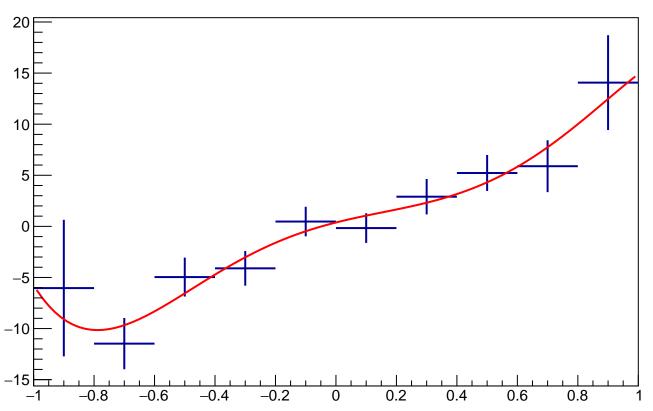
dy vs qfl (all sig)



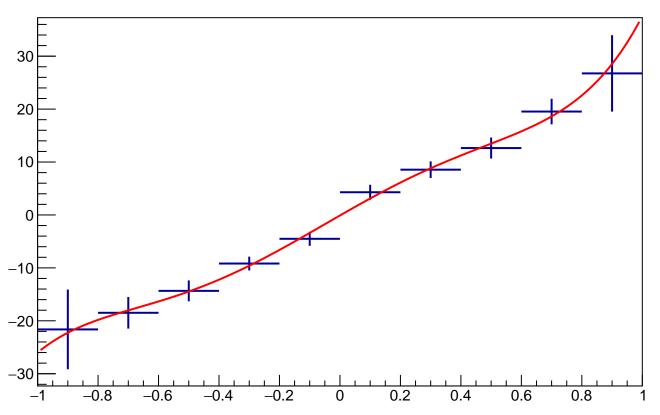
dy vs qfl (signal > 1.5mn)



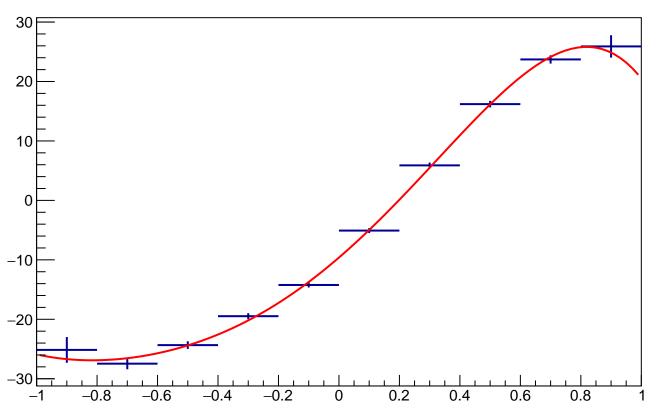
dy vs qfl (1.5mn > signal > 1.0mn)



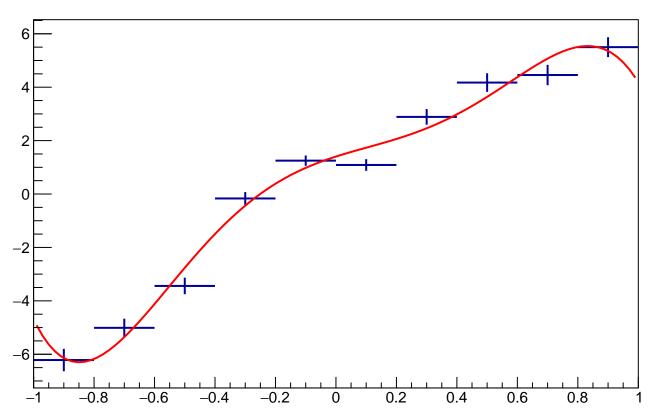
dy vs qfl (1.0mn > signal > 0.85mn)



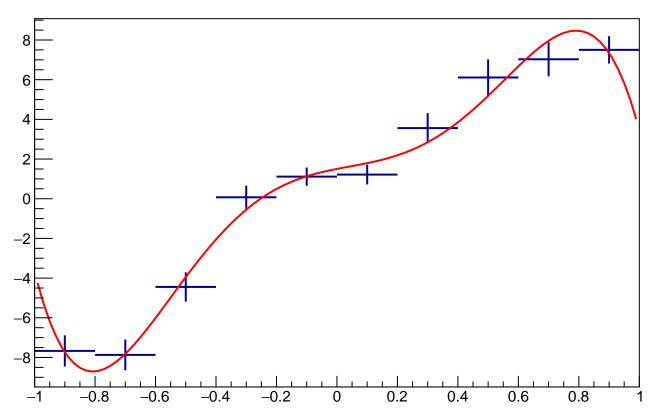
dy vs qfl (0.85mn > signal)



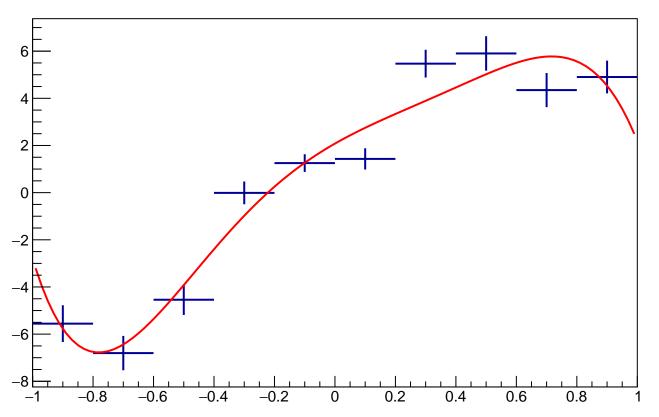
dx vs qfl (all sig)



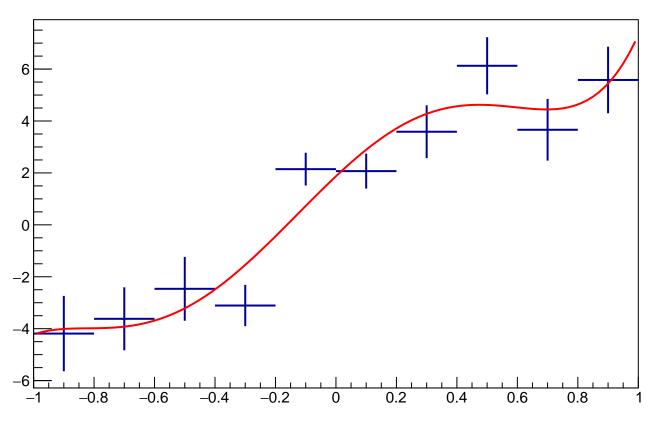
dx vs qfl (signal > 1.5mn)



dx vs qfl (1.5mn > signal > 1.0mn)



dx vs qfl (1.0mn > signal > 0.85mn)



dx vs qfl (0.85mn > signal)

