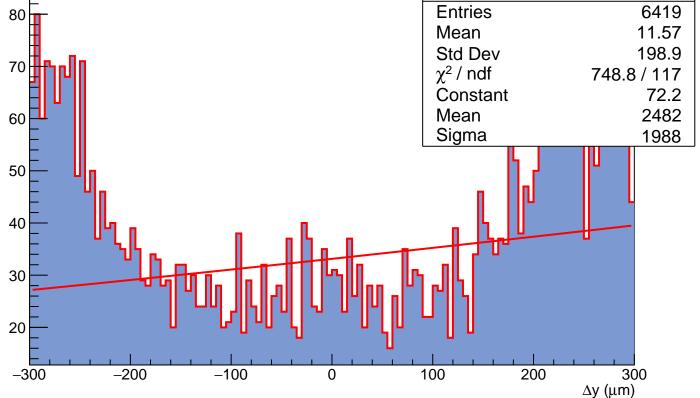


dy_temp (signal > 1.5mn) h202 **Entries** 6419 Mean 11.57 Std Dev 198.9 χ^2 / ndf 748.8 / 117 Constant 72.2 2482 Mean Sigma 1988

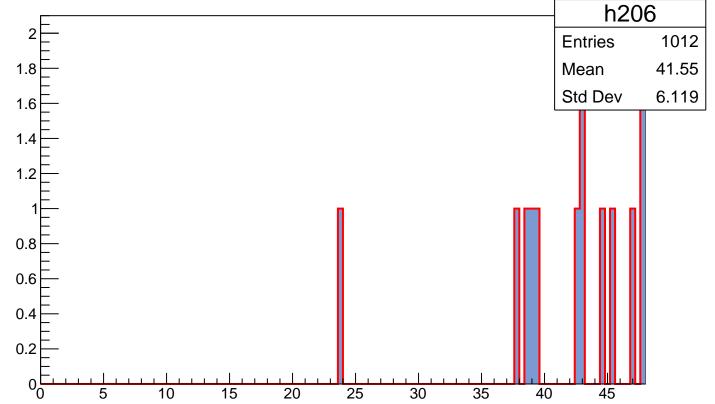


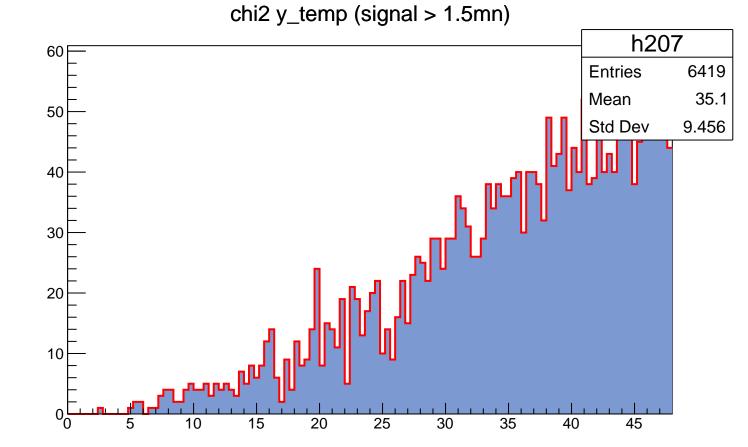
 dy_{temp} (1.5mn > signal > 1.0mn) h203 7925 **Entries** 120 Mean 4.254 Std Dev 159.7 χ^2 / ndf 452.9 / 117 100 Constant 66.79 11.61 Mean Sigma 276.9 80 60 40 20 -200 -100 100 200 300 -300 $\Delta y (\mu m)$

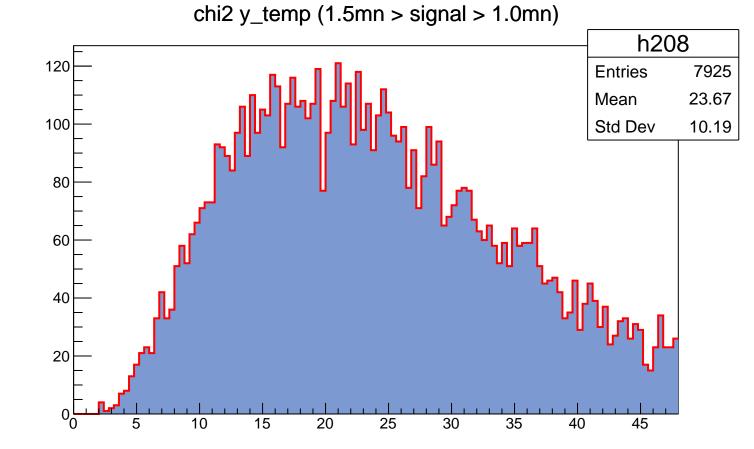
 $dy_{temp} (1.0mn > signal > 0.85mn)$ h204 120 **Entries** 2433 Mean 1.722 Std Dev 76.01 100 χ^2 / ndf 388.2 / 107 Constant 84.69 Mean -0.785980 Sigma 48 60 40 20 -300 -300 -300 100 300 200 $\Delta y (\mu m)$

dy_temp (0.85mn > signal) h205 12211 **Entries** 1000 Mean -3.159Std Dev 27.05 χ^2 / ndf 138.4 / 65 800 Constant 977.2 Mean -3.326Sigma 24.64 600 400 200 _300 -200 -100 200 300 100 $\Delta y (\mu m)$

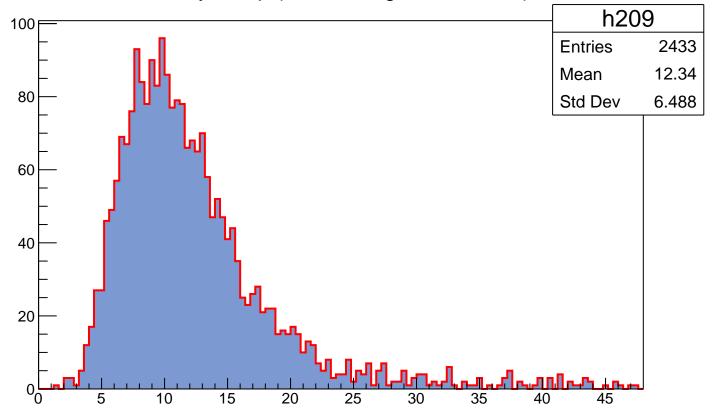
chi2 y_temp (single pix)

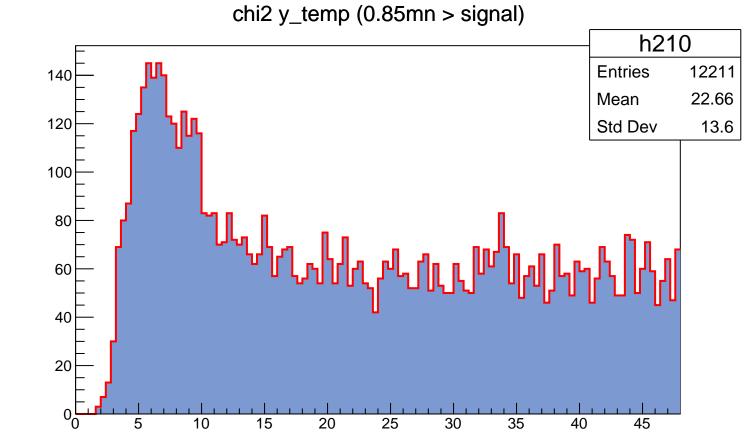


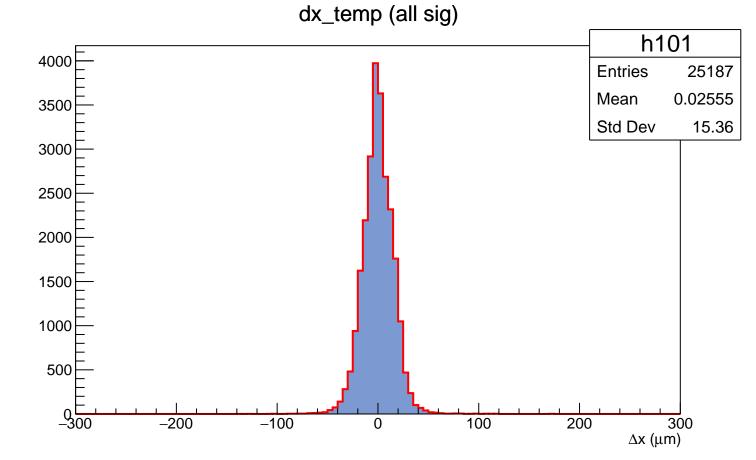


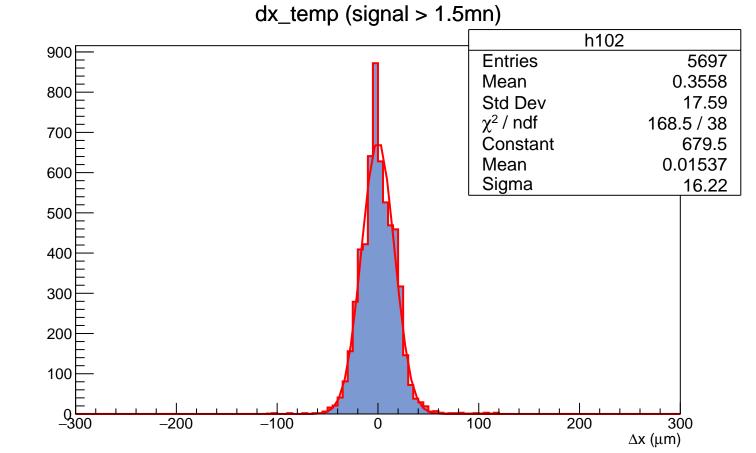


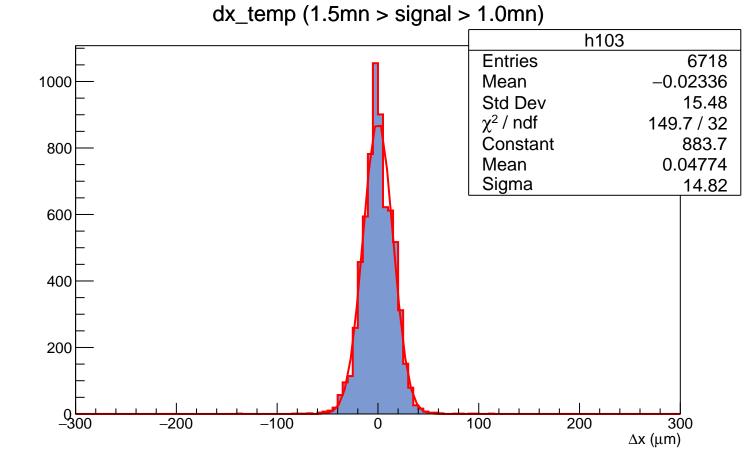
chi2 y_temp (1.0mn > signal > 0.85mn)

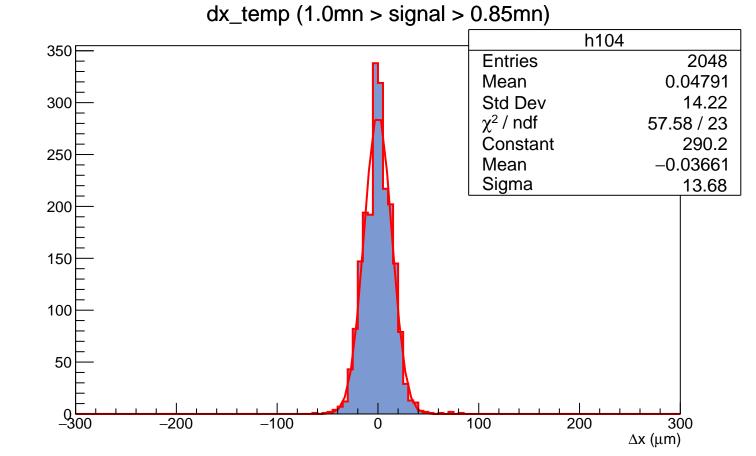


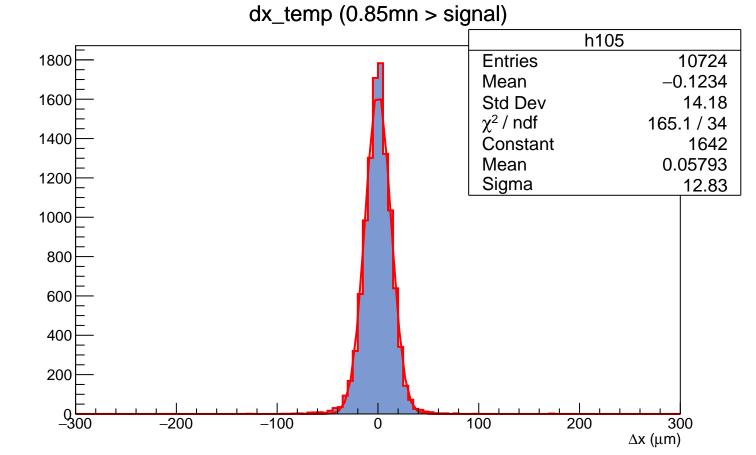




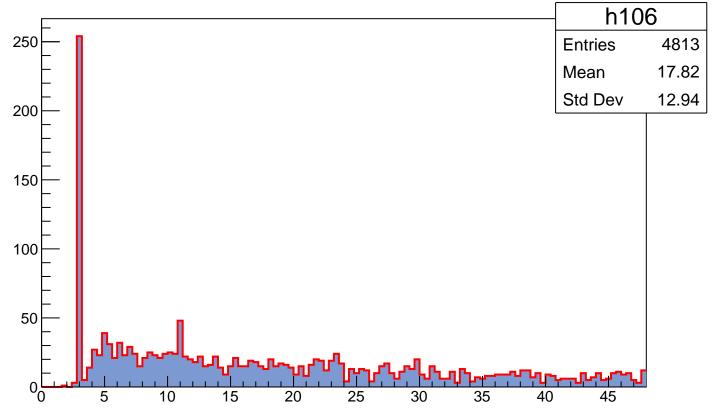






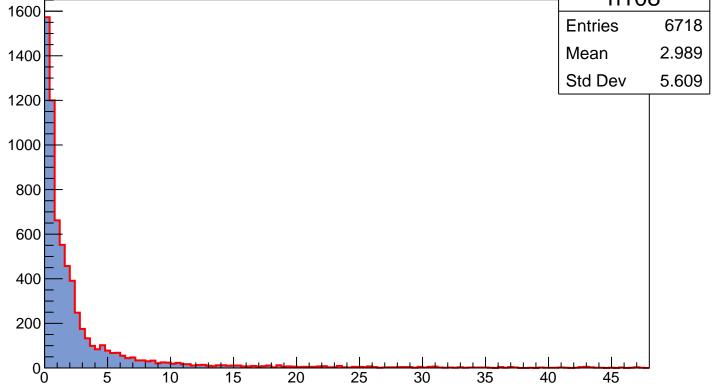


chi2 x_temp (single pix)



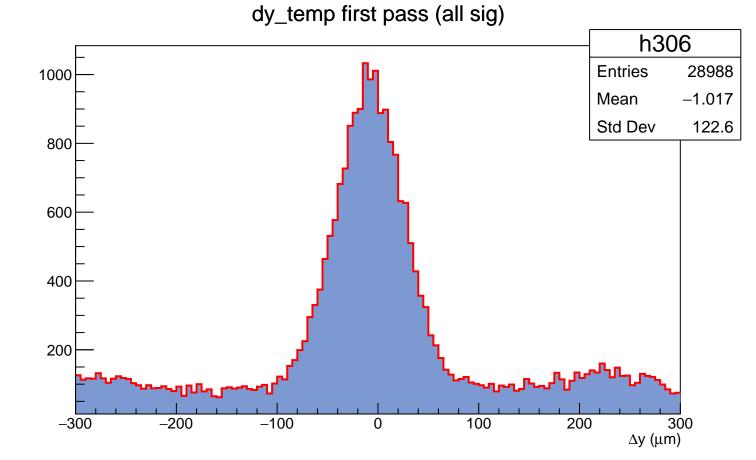
chi2 x_temp (signal > 1.5mn) h107 **Entries** 4.448 Mean Std Dev 7.245 0,

chi2 x_temp (1.5mn > signal > 1.0mn)h108 **Entries** Mean



chi2 x_temp (1.0mn > signal > 0.85mn)h109 **Entries** 1.92 Mean Std Dev 3.561

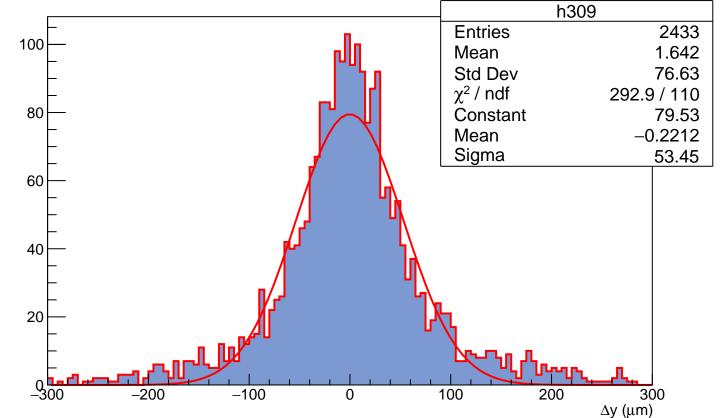
chi2 x_temp (0.85mn > signal) h110 **Entries** 0.8047 Mean Std Dev 1.556



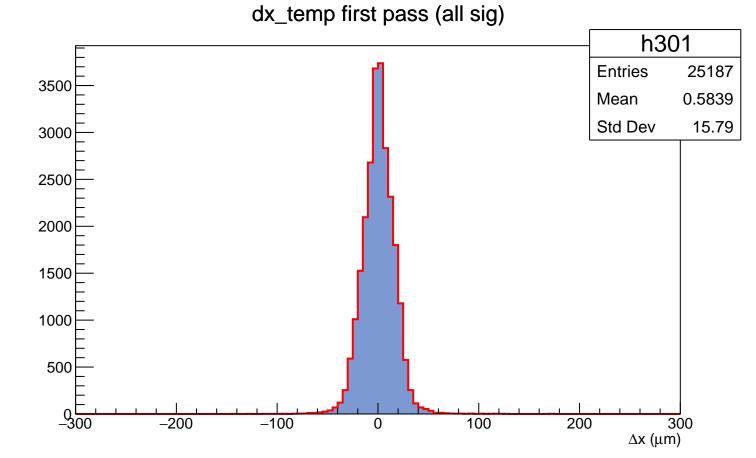
dy_temp first pass (signal > 1.5mn) h307 **Entries** 6419 80 Mean 11.76 Std Dev 199.1 χ^2 / ndf 753.3 / 117 70 Constant 82.81 Mean 2693 60 Sigma 1991 50 40 30 20 100 -300-200 -100 200 300 $\Delta y (\mu m)$

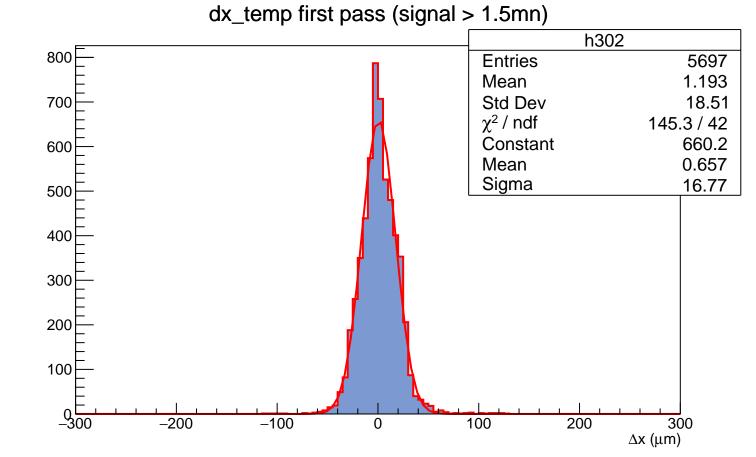
dy_temp first pass (1.5mn > signal > 1.0mn) h308 120 7925 **Entries** Mean 4.334 Std Dev 159.2 χ^2 / ndf 440.2 / 117 100 Constant 67.07 Mean 10.93 Sigma 272.9 80 60 40 20 -200 -100 100 300 -300200 $\Delta y (\mu m)$

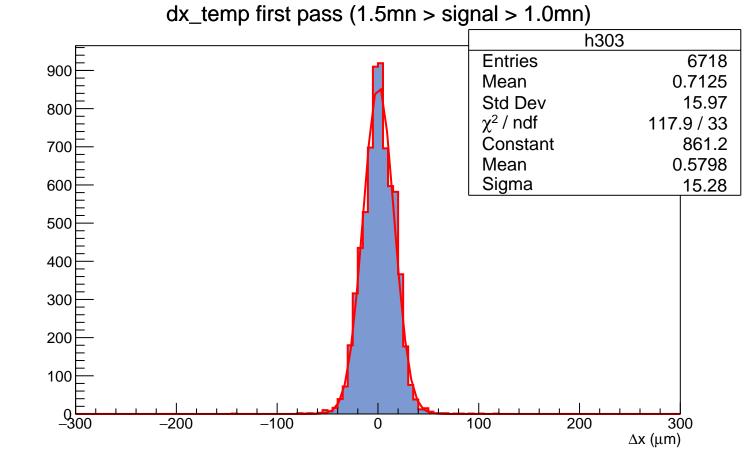
dy_temp first pass (1.0mn > signal > 0.85mn)



dy_temp first pass (0.85mn > signal) h310 800 **Entries** 12211 Mean -9.63Std Dev 33.41 700 χ^2 / ndf 118.2 / 69 Constant 758.3 600 Mean -9.489Sigma 31.81 500 400 300 200 100 _300 -200 -100 200 300 100 $\Delta y (\mu m)$

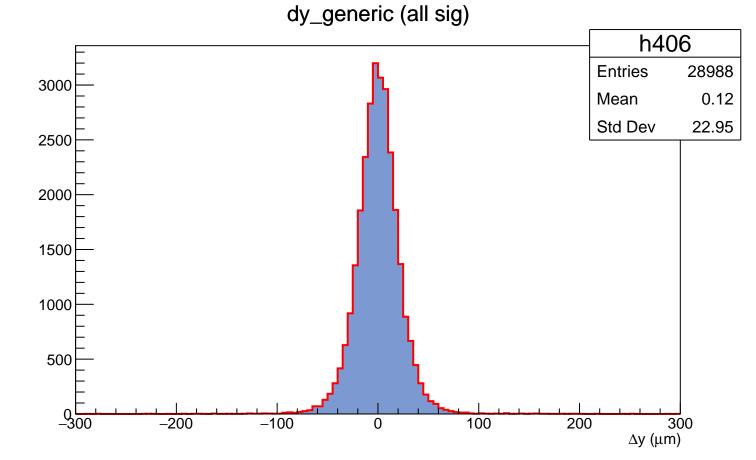






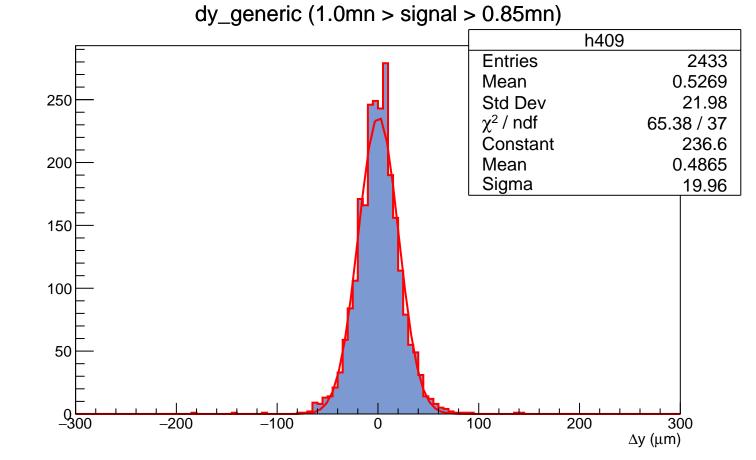
dx_temp first pass (1.0mn > signal > 0.85mn) h304 **Entries** 2048 Mean 1.121 300 Std Dev 14.47 χ^2 / ndf 53.01 / 23 250 Constant 289.8 Mean 1.138 Sigma 13.73 200 150 100 50 _300 -200 -100 100 200 300 $\Delta x (\mu m)$

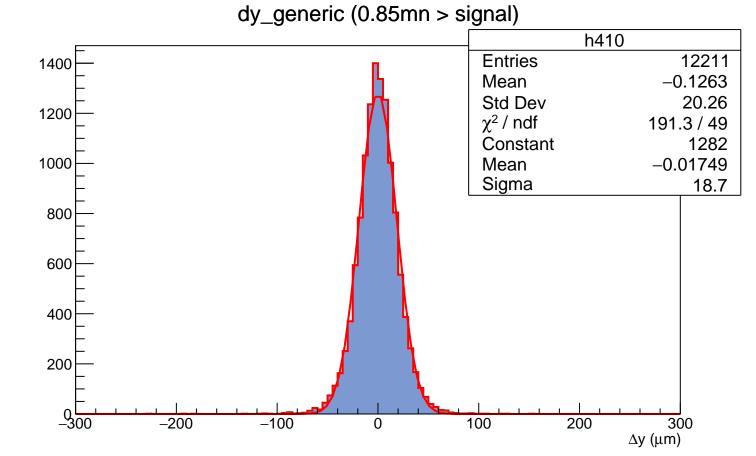
dx_temp first pass (0.85mn > signal) h305 1800 **Entries** 10724 Mean 0.07715 1600 Std Dev 14.28 χ^2 / ndf 170.4 / 35 1400 Constant 1618 Mean 0.2221 1200 Sigma 13.01 1000 800 600 400 200 _300 -200 -100 100 200 300 $\Delta x (\mu m)$

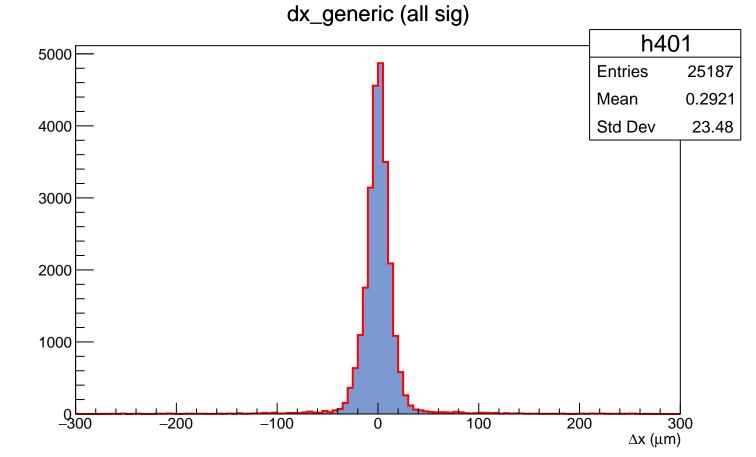


dy_generic (signal > 1.5mn) h407 700 **Entries** 6419 Mean 0.5862 Std Dev 27.18 600 χ^2 / ndf 218.5 / 72 Constant 608.5 500 Mean 0.08702 Sigma 20.31 400 300 200 100 _300 -200 -100 100 200 300 $\Delta y (\mu m)$

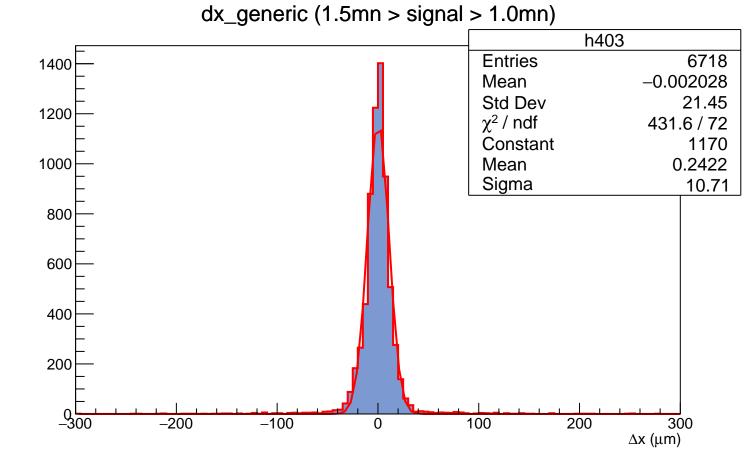
dy_generic (1.5mn > signal > 1.0mn) h408 900 F **Entries** 7925 Mean -0.00262800 Std Dev 23.39 χ^2 / ndf 204.2 / 62 700 Constant 792.5 Mean 0.1585 600 Sigma 19.43 500 400 300 200 100 _300 -100 -200 100 200 300 $\Delta y (\mu m)$

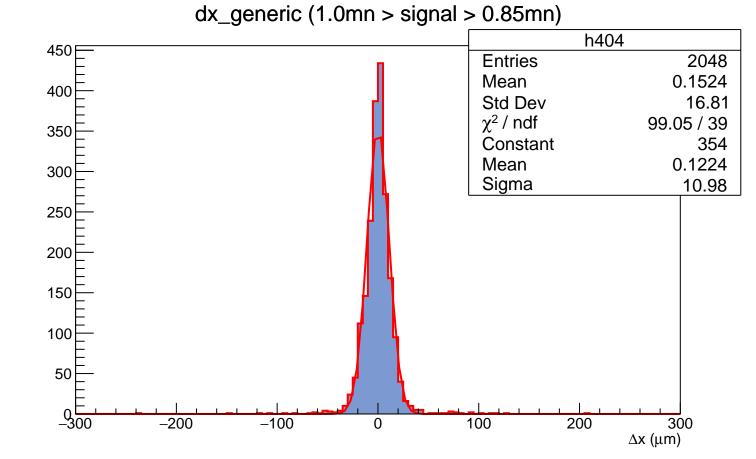


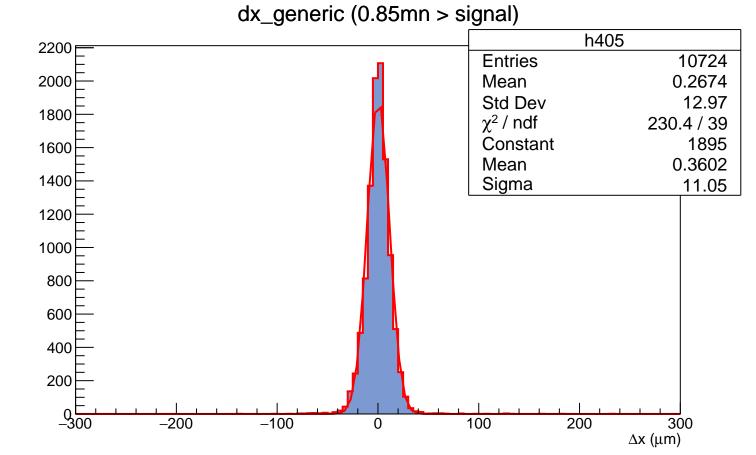




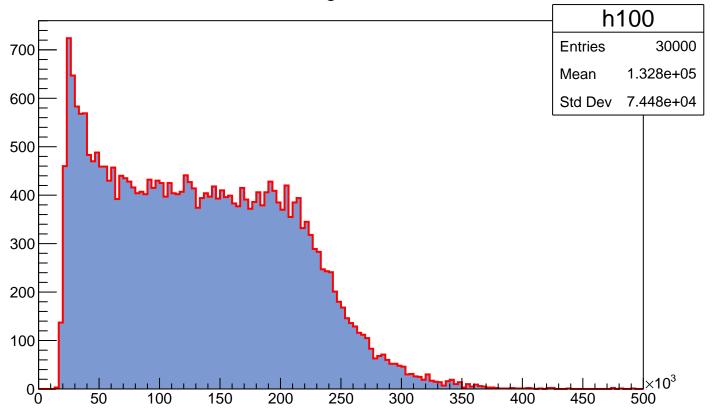
dx_generic (signal > 1.5mn) h402 **Entries** 5697 900 Mean 0.7355 Std Dev 38.42 800 χ^2 / ndf 745.2 / 97 Constant 807.7 700 Mean 0.1309 Sigma 12.23 600 500 400 300 200 100 _300 -100 -200 100 200 300 $\Delta x (\mu m)$



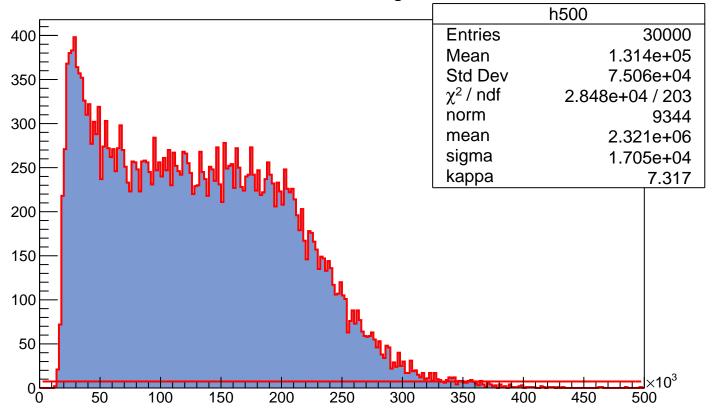


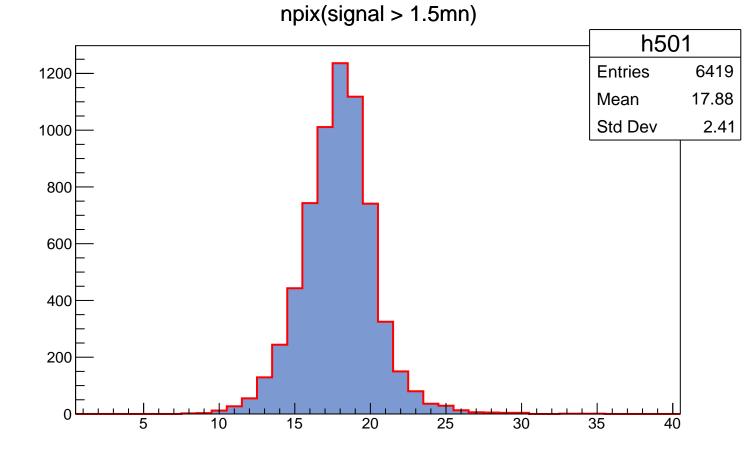


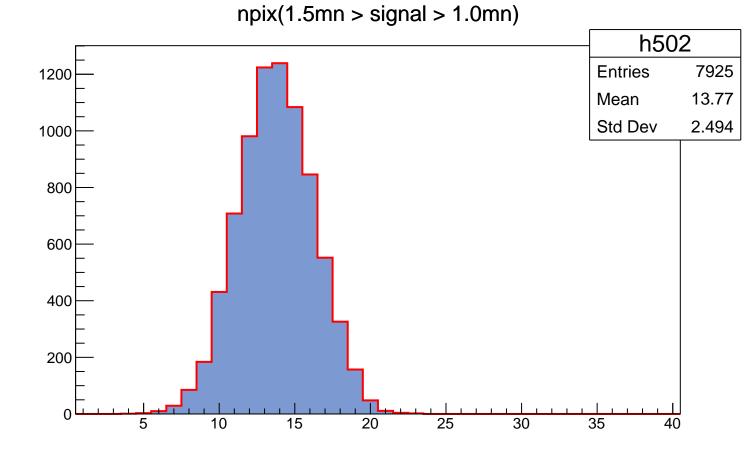
Number generated e



Cluster Charge



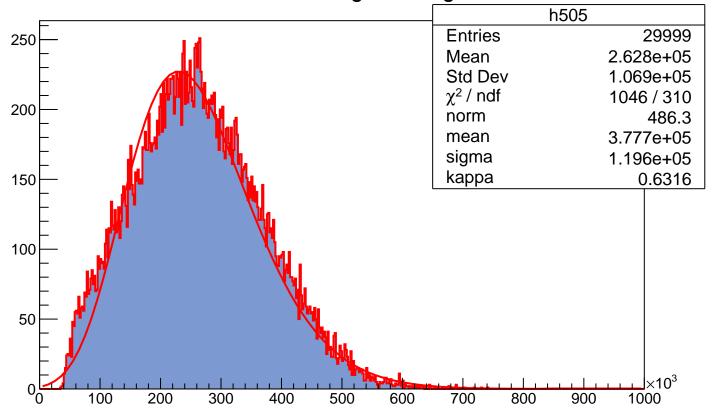




npix(1.0mn > signal > 0.85mn)h503 **Entries** 10.45 Mean Std Dev 1.781

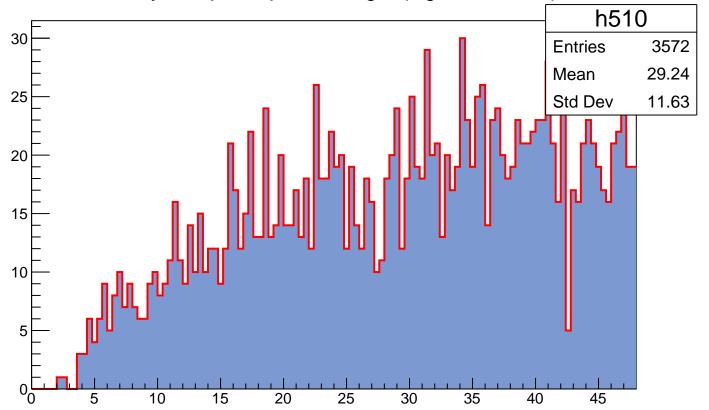
npix(0.85mn > signal)h504 **Entries** 5.63 Mean Std Dev 2.595

2 Cluster Merged Charge

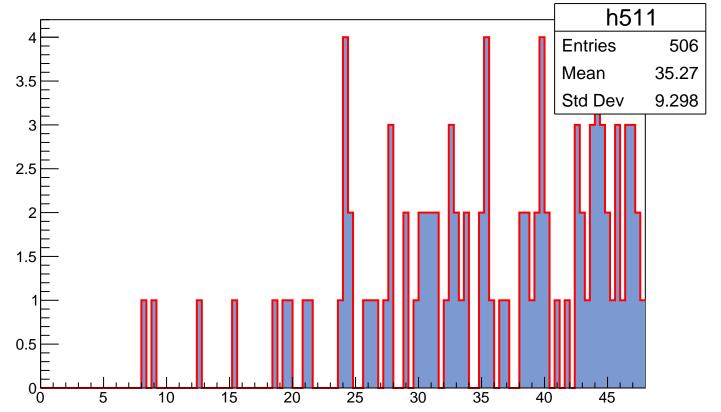


measured Q/generated Q h606 700 **Entries** 30000 0.987 Mean 600 Std Dev 0.08954 500 400 300 200 100 0.2 0.6 0.8 0.4

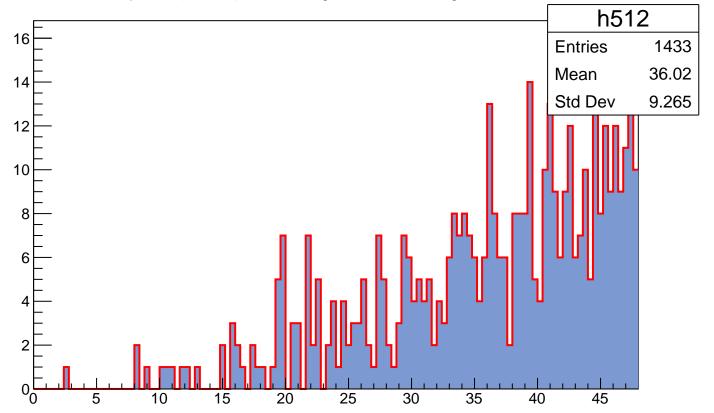
chi2y_temp first pass, merged(signal > 1.5mn)



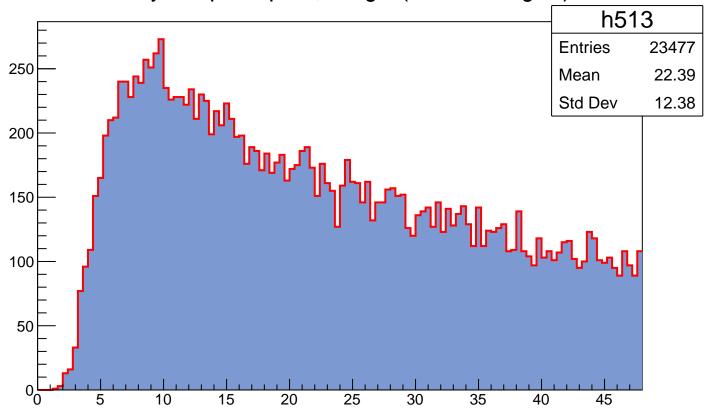
chi2y_temp first pass, merged(1.5mn > signal > 1.0mn)



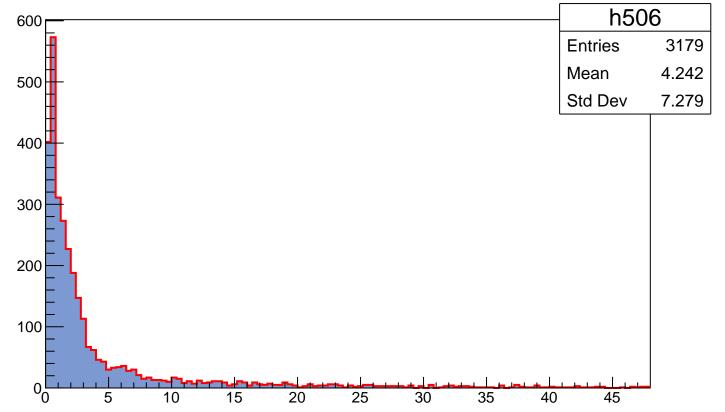
chi2y_temp first pass, merged(1.0mn > signal > 0.85mn)



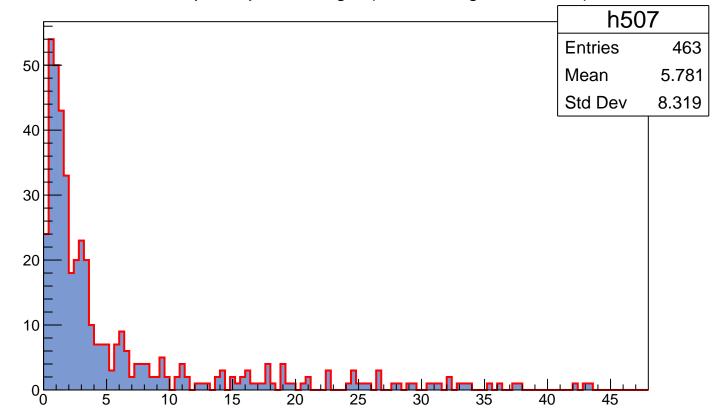
chi2y_temp first pass, merged(0.85mn > signal)



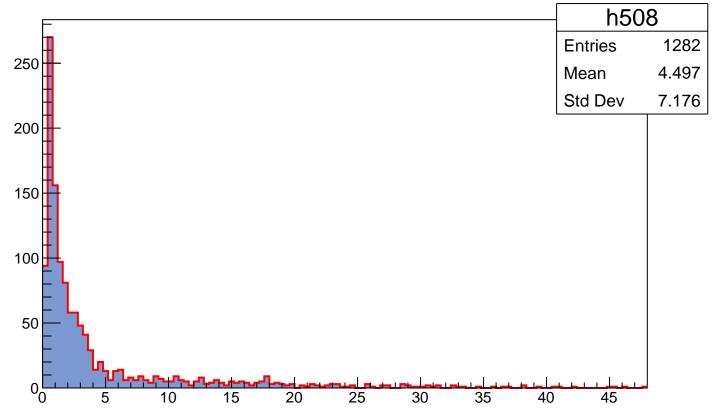
chi2x_temp first pass, merged(signal > 1.5mn)



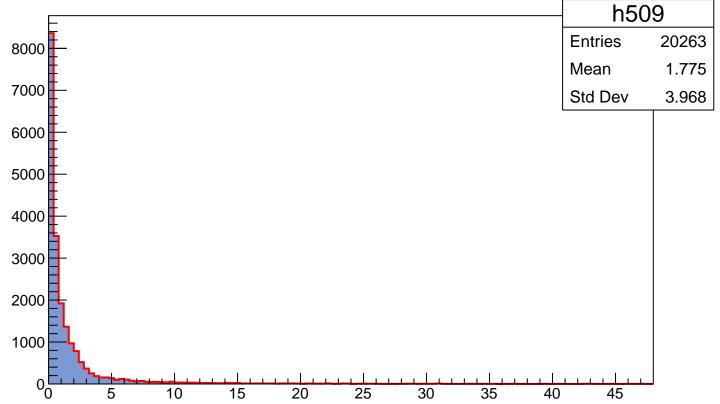
chi2x_temp first pass, merged(1.5mn > signal > 1.0mn)



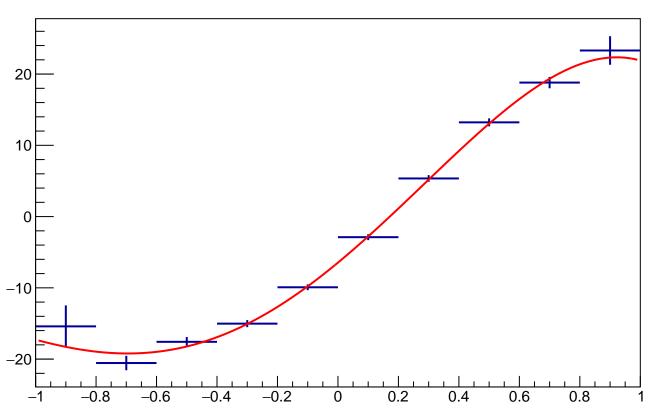
chi2x_temp first pass, merged(1.0mn > signal > 0.85mn)



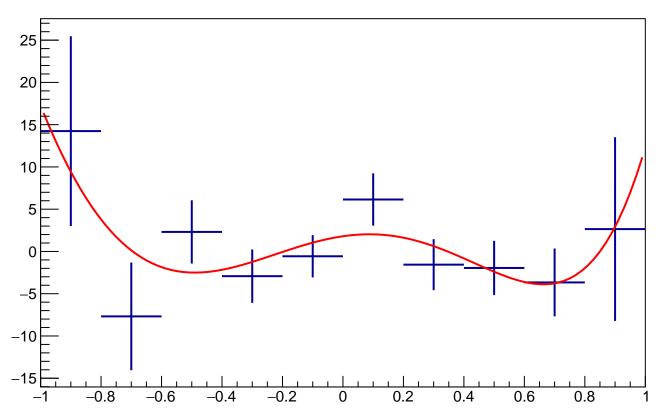
chi2x_temp first pass, merged(0.85mn > signal)



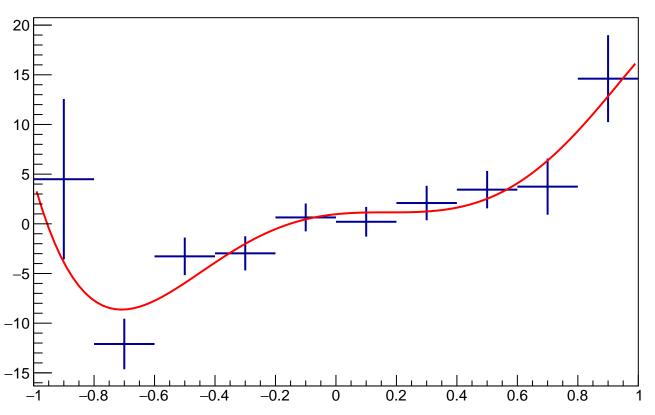
dy vs qfl (all sig)



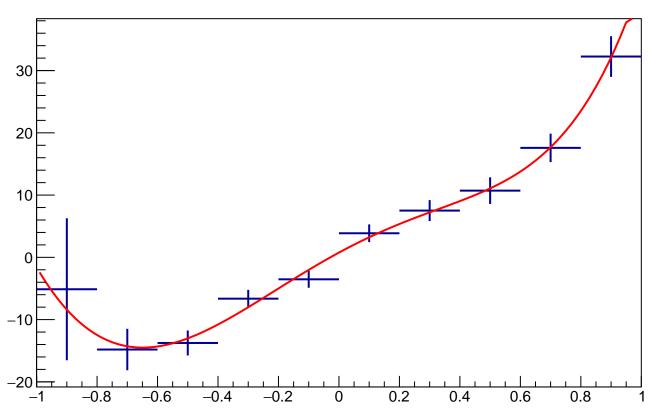
dy vs qfl (signal > 1.5mn)



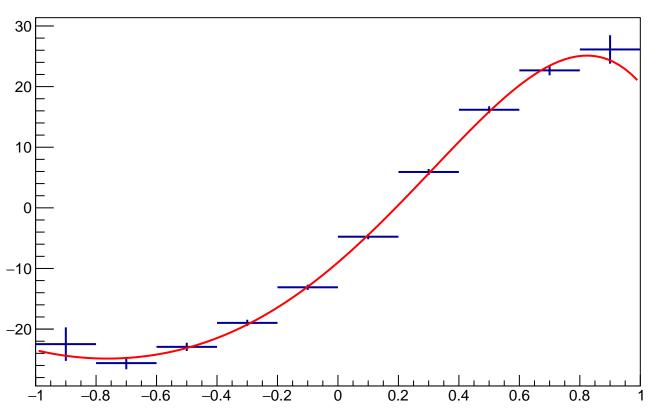
dy vs qfl (1.5mn > signal > 1.0mn)



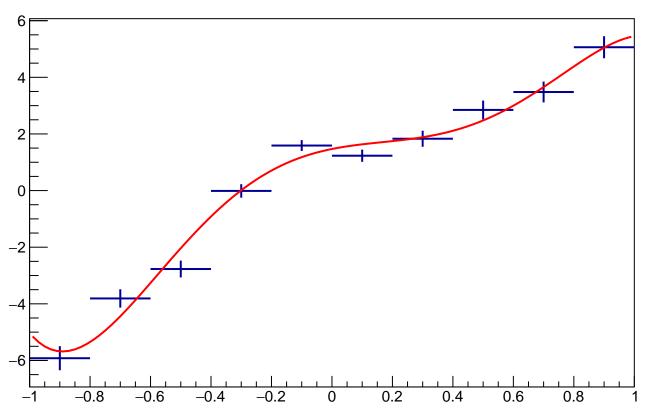
dy vs qfl (1.0mn > signal > 0.85mn)



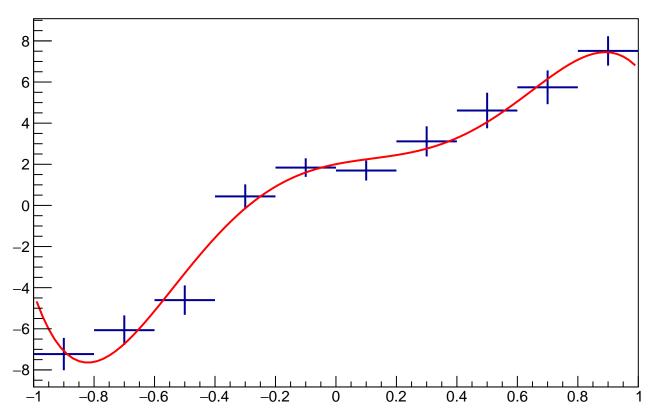
dy vs qfl (0.85mn > signal)



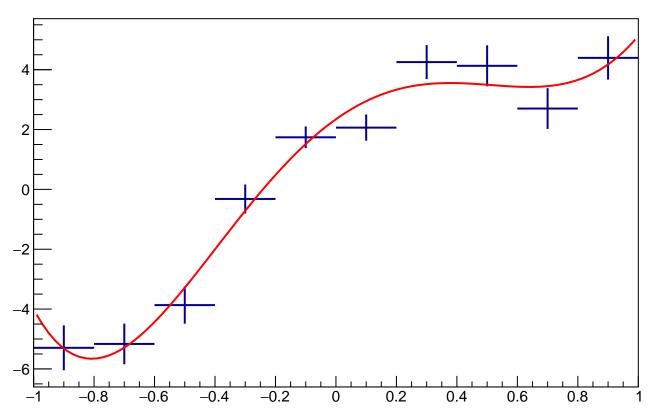
dx vs qfl (all sig)



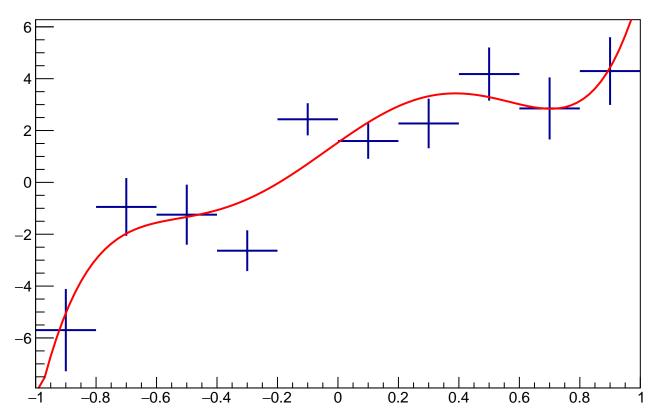
dx vs qfl (signal > 1.5mn)



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



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



dx vs qfl (0.85mn > signal)

