

# 1 Comments

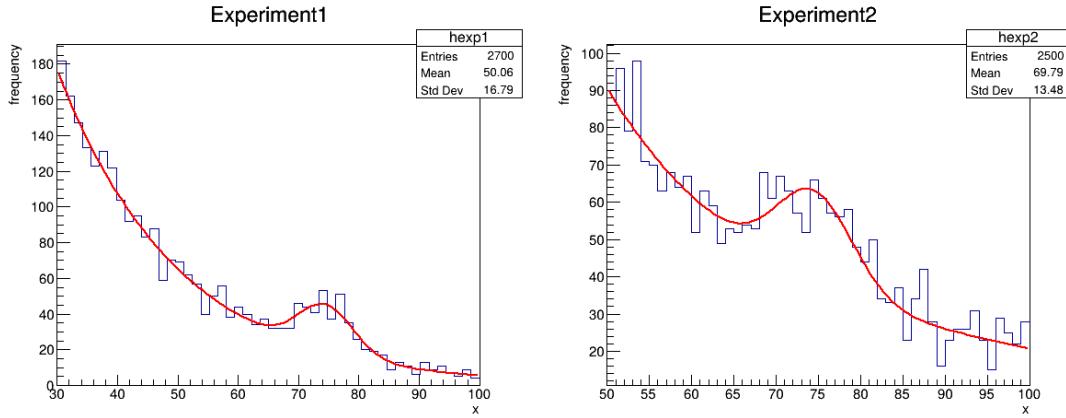


Figure 1:

The output from my script is:

Mean =  $74.6126 \pm 0.452681$  Sigma =  $4.53804 \pm 0.416155$  chi2/ndf = 76.3408  
/ 93 = 0.820869 Chi2 probability = 0.894986

The generated signal has mean 75 and sigma 4.5 so this fit does a very good job extracting that information. The reduced chi2 is below 1 so errors may have been overestimated. The fit looks good to me because of the high probability and close-to-actual mean and sigma.