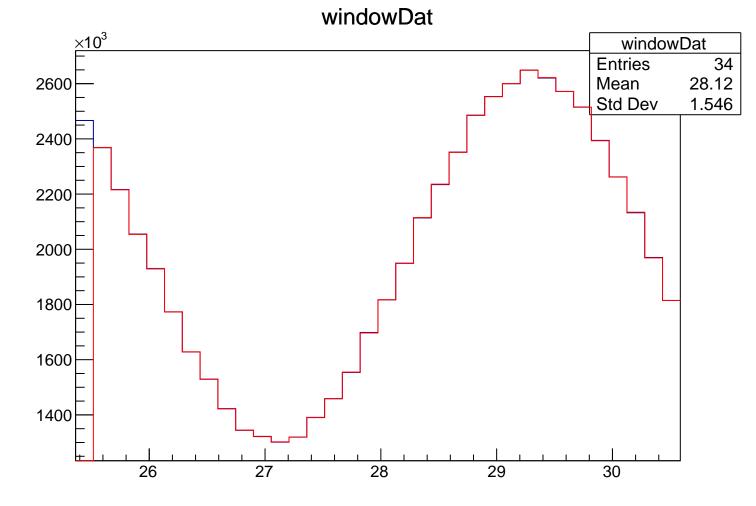
FFT of Residuals 18000 Power (arb. units) **Entries** Mean 2.274e+06 16000 Std Dev 7.788e+05 14000 12000 10000 8000 6000 4000 2000 0, 500 1000 1500 2000 2500 3000 Frequency (Hz)

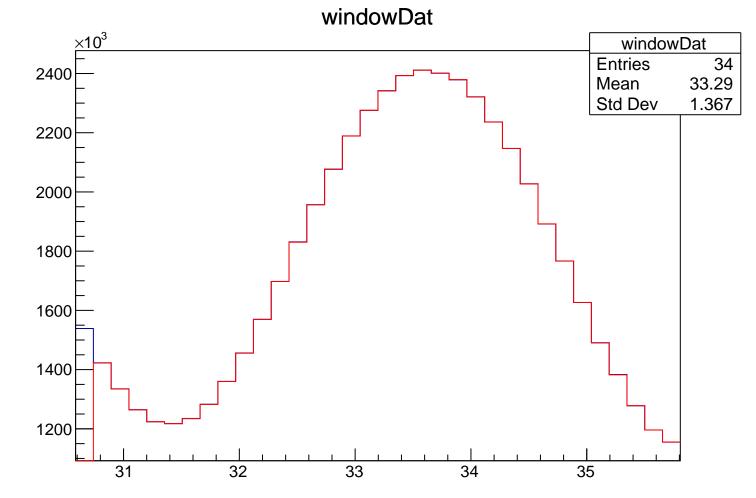
FFT of Residuals

windowDat ×10³ windowDat Entries Mean 22.72 Std Dev 1.65

FFT of Residuals FFT of Residuals **Entries** Mean 2.104e+06 10000 Std Dev 7.269e+05 8000 6000 4000 2000 0 r 3000 500 1000 1500 2000 2500



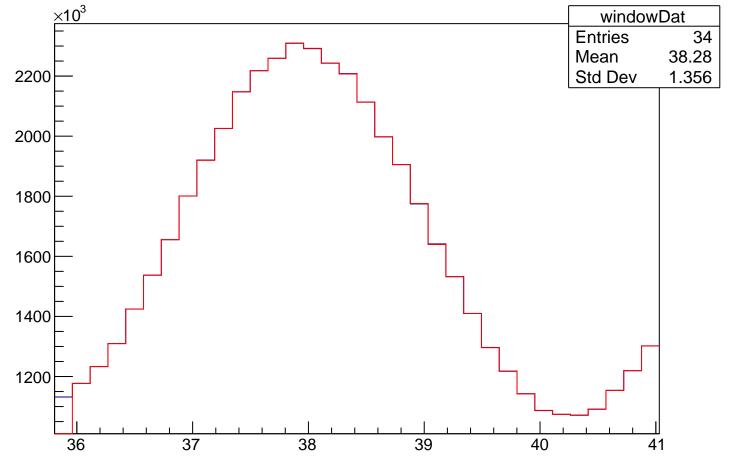
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 2.07e+06 Std Dev 7.781e+05



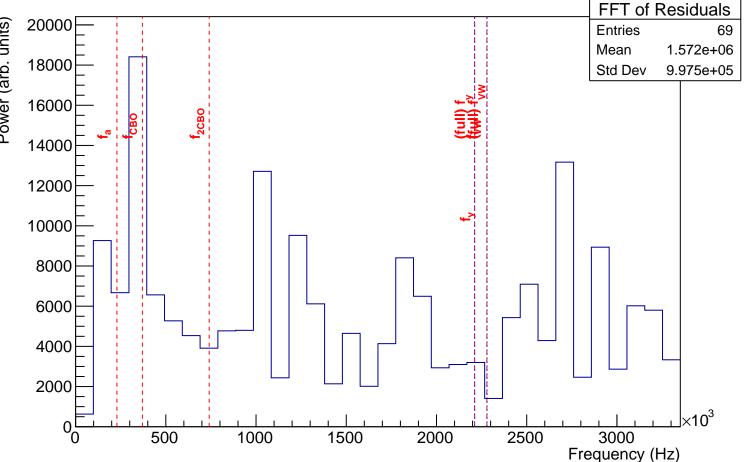
FFT of Residuals **Entries** Mean 2.254e+06 6.627e+05 Std Dev Frequency (Hz)

FFT of Residuals

window Dat



FFT of Residuals



windowDat 2200 ×10³ windowDat Entries 69 46.06 Mean Std Dev 3.116 2000 1800 1600 1400 1200 1000

46

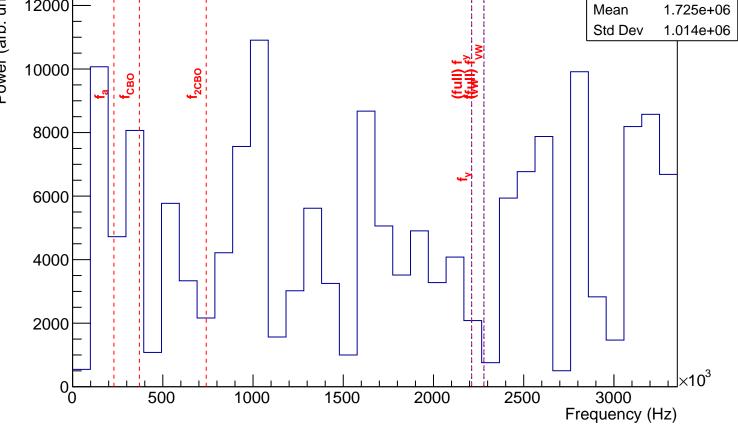
48

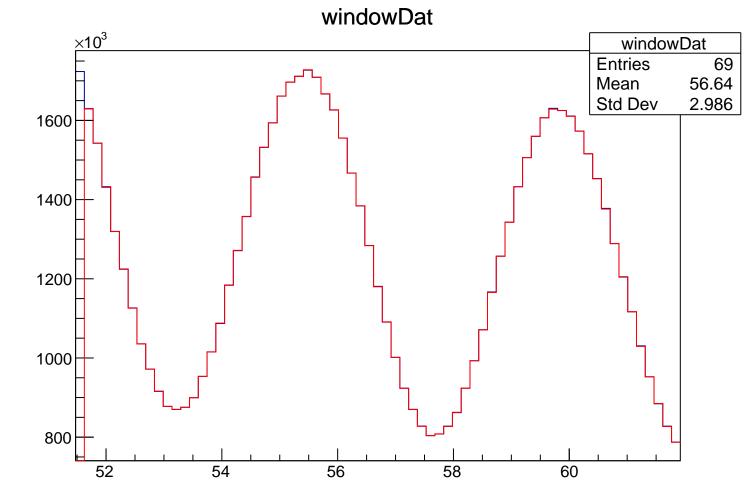
50

42

44

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 12000 Mean 1.725e+06 1.014e+06 Std Dev 10000 8000 6000 4000





FFT of Residuals FFT of Residuals **Entries** 1.831e+06 Mean 9.24e+05 Std Dev

windowDat ×10³ windowDat Entries 66.94 Mean 2.938 Std Dev ш 62

FFT of Residuals FFT of Residuals 12000 F **Entries** Mean 1.994e+06 9.192e+05 Std Dev 10000 8000 6000 4000 2000 0, 3000 500 1000 1500 2000 2500 Frequency (Hz)

windowDat ×10³ windowDat Entries Mean 77.44 Std Dev 3.149

FFT of Residuals FFT of Residuals 12000 **Entries** Mean 1.827e+06 Std Dev 9.536e+05 10000 8000 6000 4000 2000

1500

2000

2500

3000

Frequency (Hz)

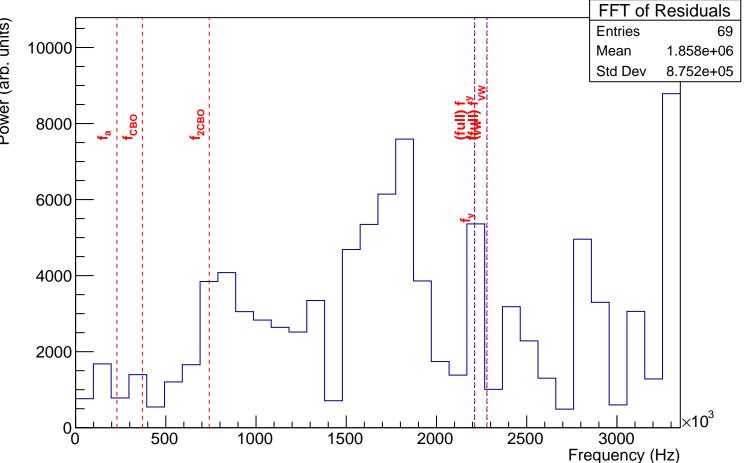
0,

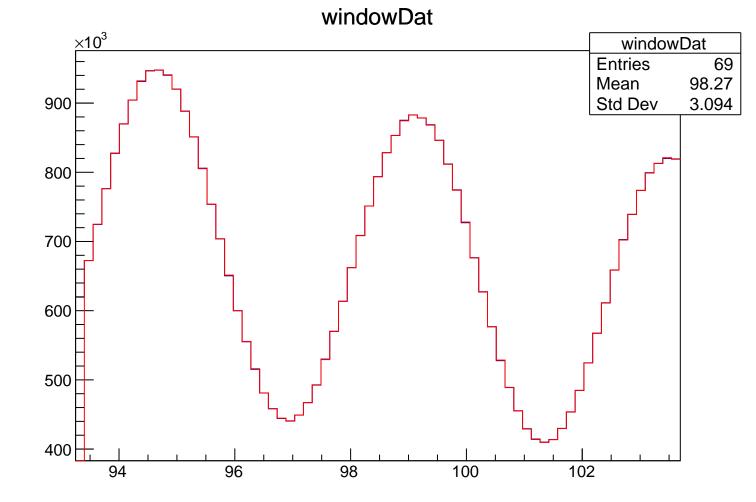
500

1000

windowDat $\times 10^3$ windowDat Entries 87.92 Mean Std Dev 2.862

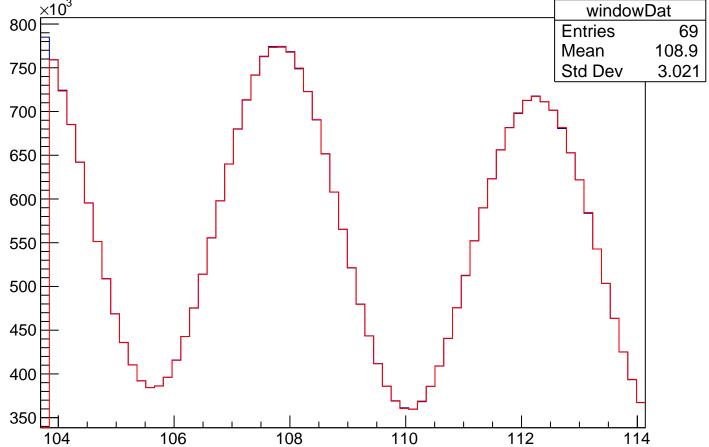
FFT of Residuals



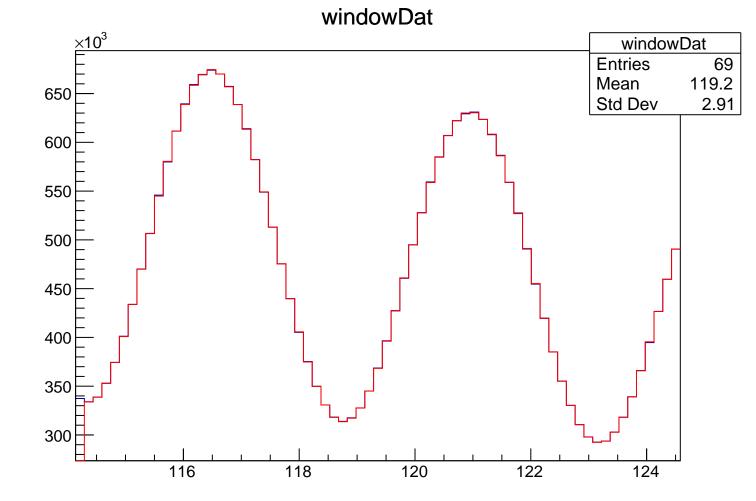


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.852e+06 9.221e+05 Std Dev

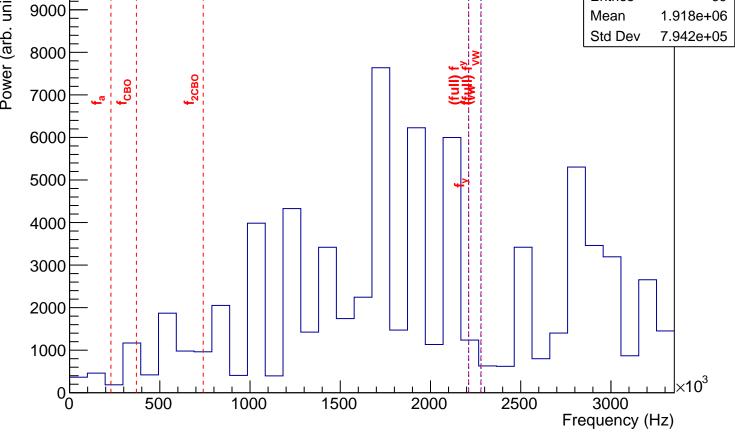
windowDat



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.912e+06 Std Dev 8.884e+05 O_O Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 9000 Mean 1.918e+06 7.942e+05 Std Dev 8000 7000 6000 5000 4000

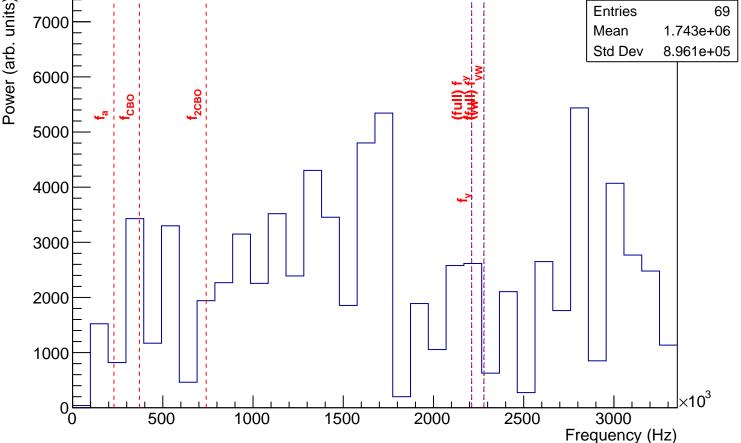


windowDat 600 ×10³ windowDat Entries 129.7 Mean Std Dev 3.147

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 7000 Mean 1.823e+06 9.634e+05 Std Dev 6000 5000 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500

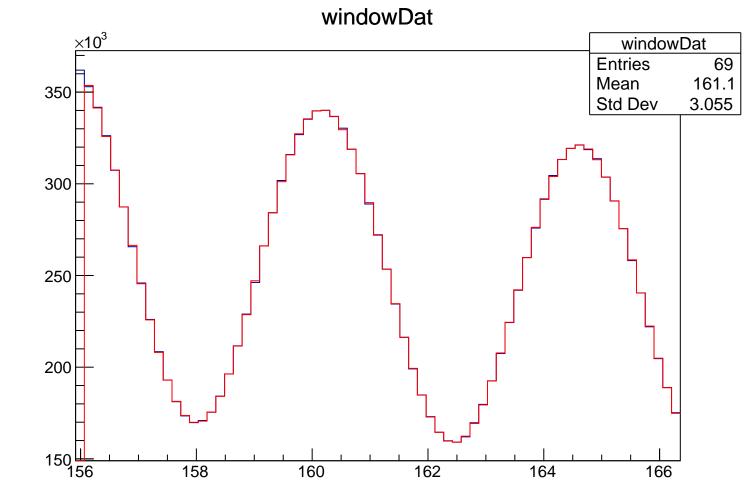
windowDat ×10³ windowDat Entries 69 140.2 Mean Std Dev 2.877 450 400 350 300 250 200 136 138 140 142 144

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 7000 Mean 1.743e+06 8.961e+05 Std Dev 6000 5000 4000

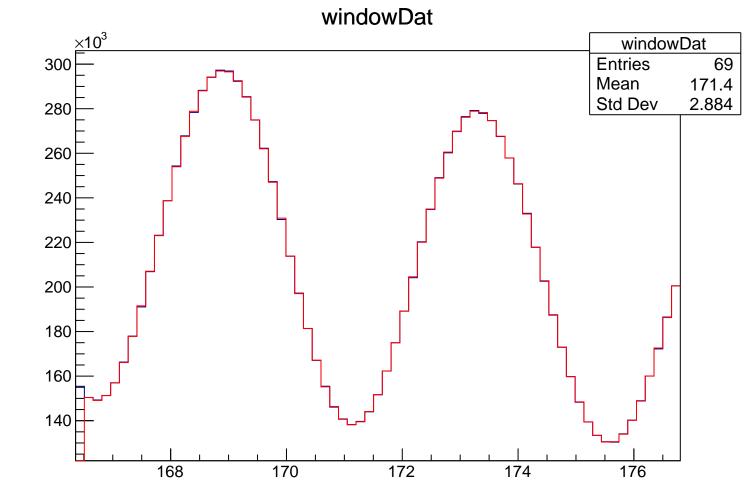


windowDat ×10³ windowDat Entries 69 150.5 Mean 400 Std Dev 3.063 350 300 250 200 146 148 150 152 154

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.88e+06 8.837e+05 Std Dev



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.914e+06 5000 8.971e+05 Std Dev 4000 3000 2000 1000 0, 3000 500 1000 1500 2000 2500

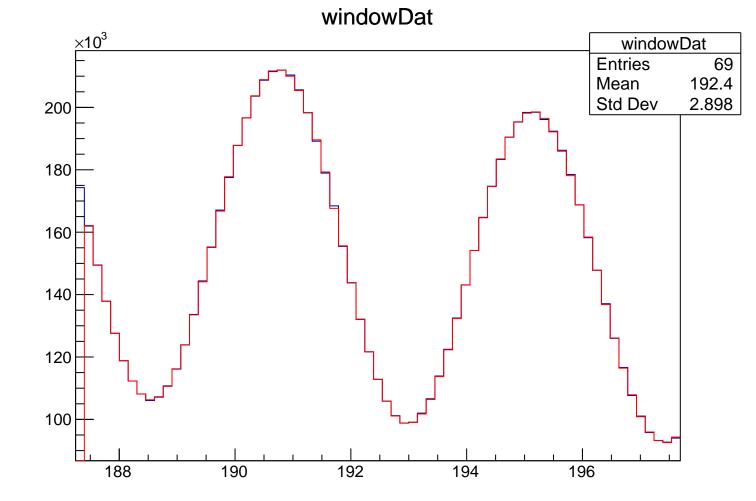


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.861e+06 9.33e+05 Std Dev

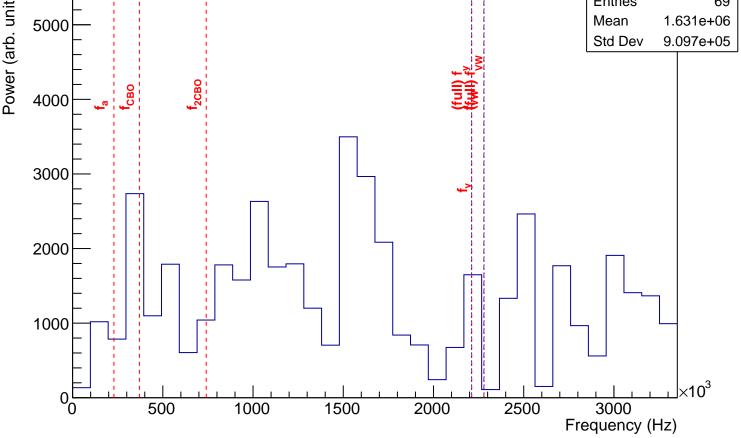
windowDat ×10³ windowDat Entries 181.9 Mean Std Dev 3.151

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.877e+06 5000 9.13e+05 Std Dev 4000 3000 2000 1000 3000 500 1000 1500 2000 2500

Frequency (Hz)

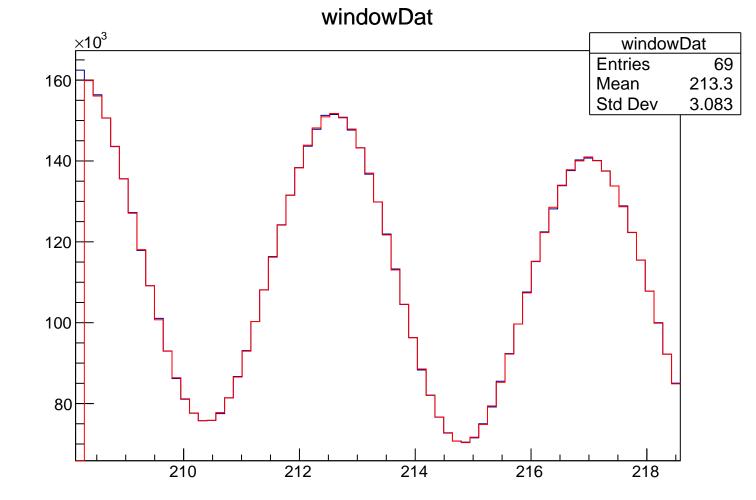


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.631e+06 5000 9.097e+05 Std Dev 4000 3000 2000



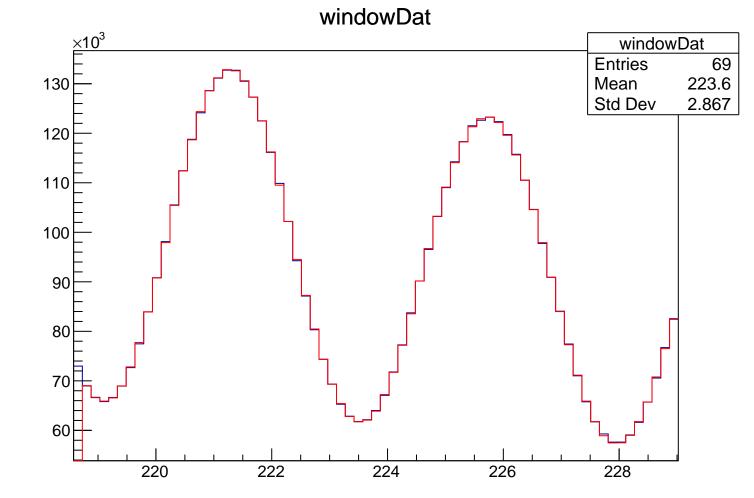
windowDat ×10³ windowDat Entries 202.7 Mean Std Dev 3.033

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.931e+06 9.512e+05 Std Dev Frequency (Hz)

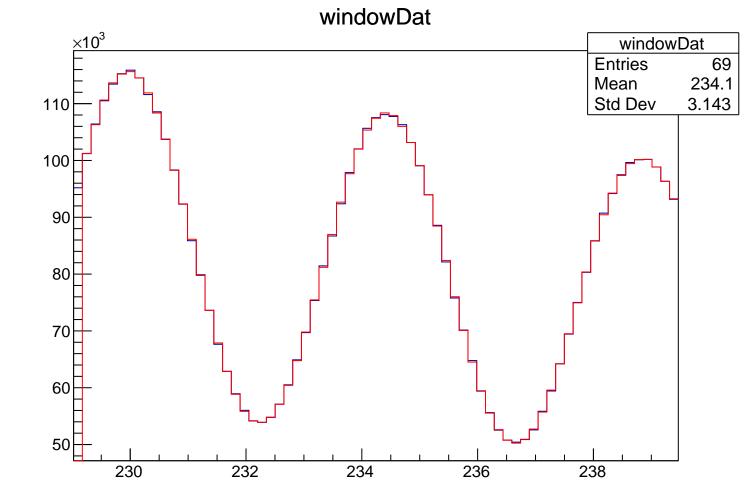


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.718e+06 9.482e+05 Std Dev

Frequency (Hz)



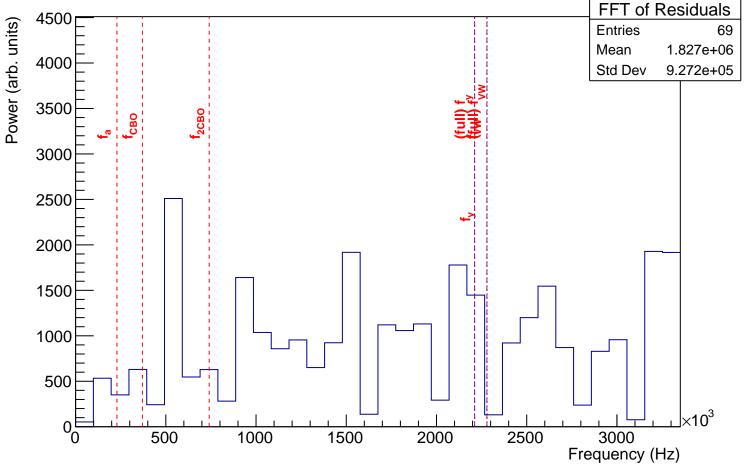
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.826e+06 Std Dev 7.697e+05 0, Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.688e+06 9.803e+05 Std Dev Frequency (Hz)

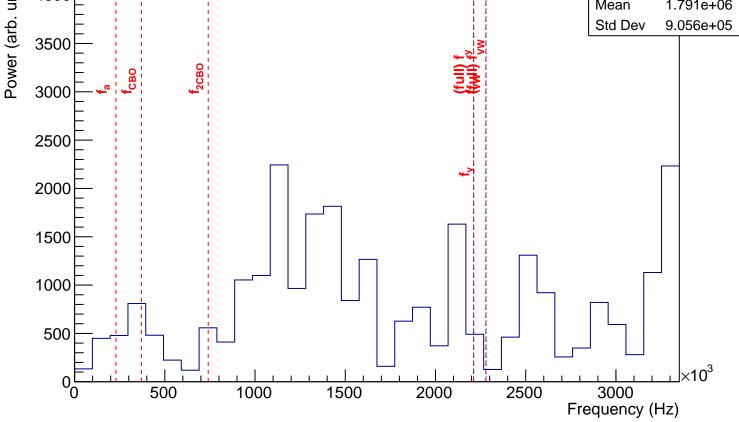
windowDat windowDat Entries 244.6 Mean 2.928 Std Dev

FFT of Residuals



windowDat windowDat Entries 254.9 Mean Std Dev

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 4000 Mean 1.791e+06 9.056e+05 Std Dev 3500 3000 2500 2000 1500



windowDat windowDat **Entries** 265.5 Mean 3.11 Std Dev

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.793e+06 3000 8.426e+05 Std Dev 2500 2000 1500 1000 500

1500

2000

2500

500

1000

3000

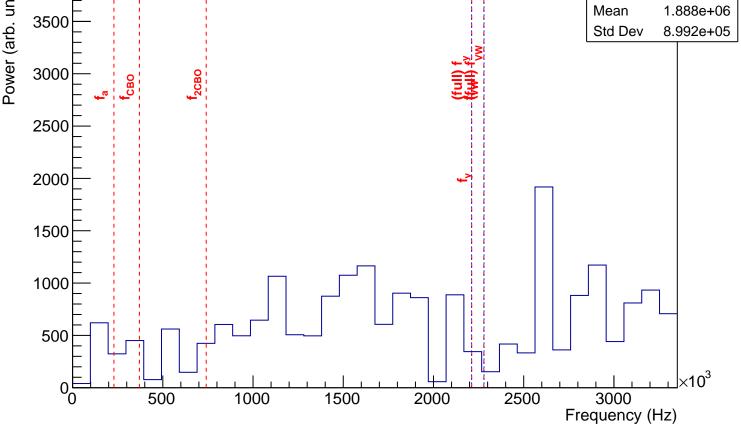
Frequency (Hz)

windowDat windowDat 60000_f **Entries** 275.9 Mean Std Dev 2.857

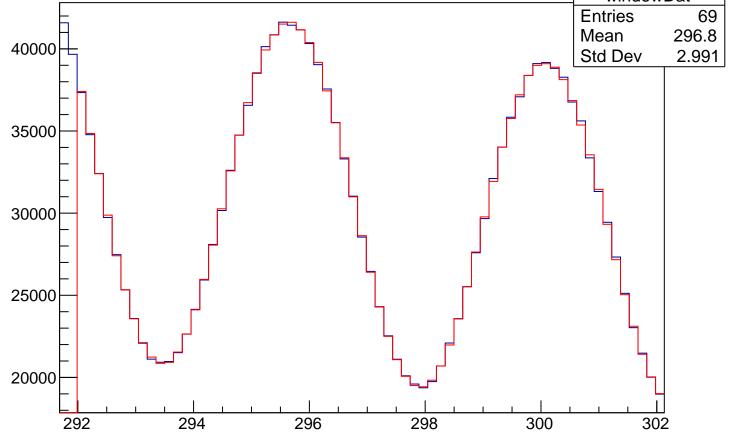
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.812e+06 3000 9.17e+05 Std Dev 2500 2000 1500 1000 500 2000 3000 500 1000 1500 2500 Frequency (Hz)

windowDat windowDat Entries 286.3 Mean 3.131 Std Dev

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.888e+06 3500 8.992e+05 Std Dev 3000 2500 2000 1500



windowDat windowDat Mean



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 3000 Mean 1.861e+06 8.344e+05 Std Dev 2500 2000 1500 1000 500

1500

500

1000

2000

2500

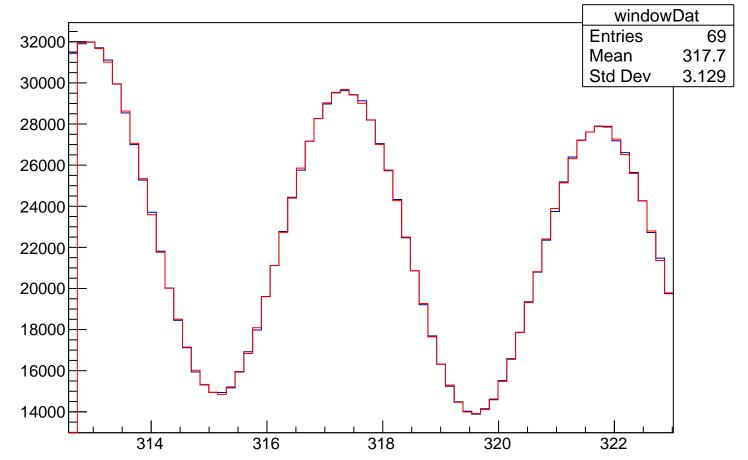
3000

Frequency (Hz)

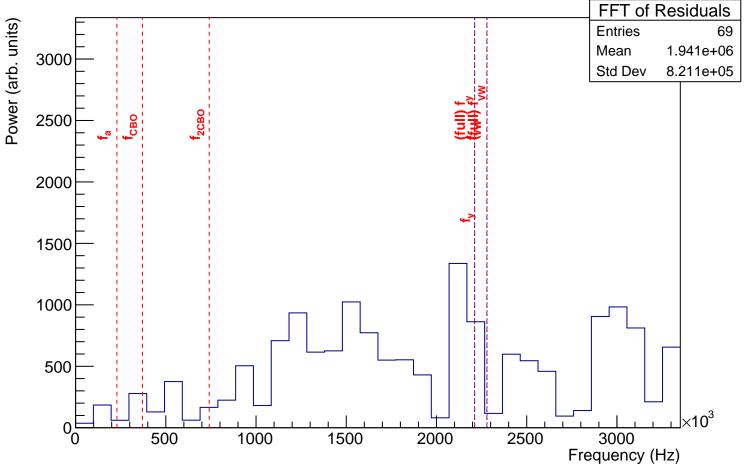
windowDat windowDat Entries 307.1 Mean Std Dev 2.964

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.819e+06 8.694e+05 Std Dev 2500 2000 1500 1000 500 0, 3000 500 1000 1500 2000 2500 Frequency (Hz)

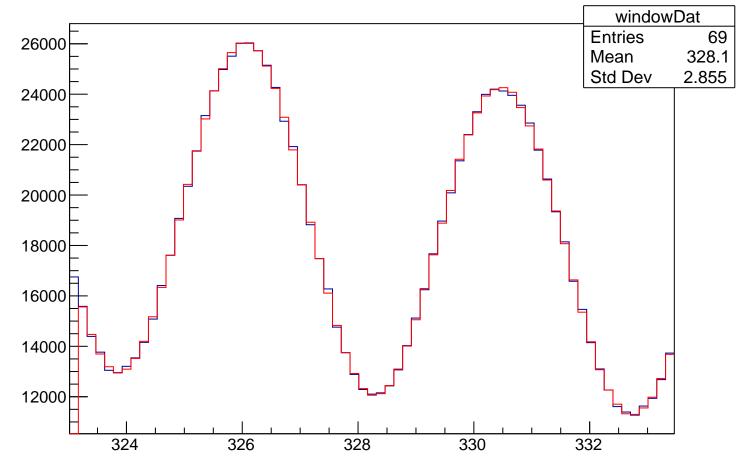
windowDat



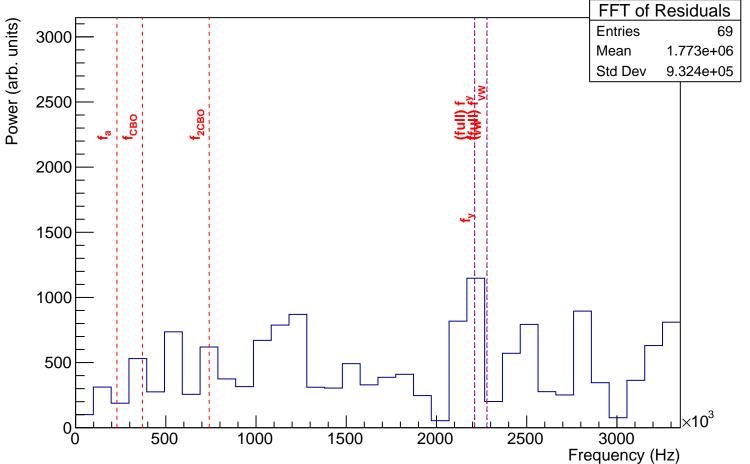
FFT of Residuals



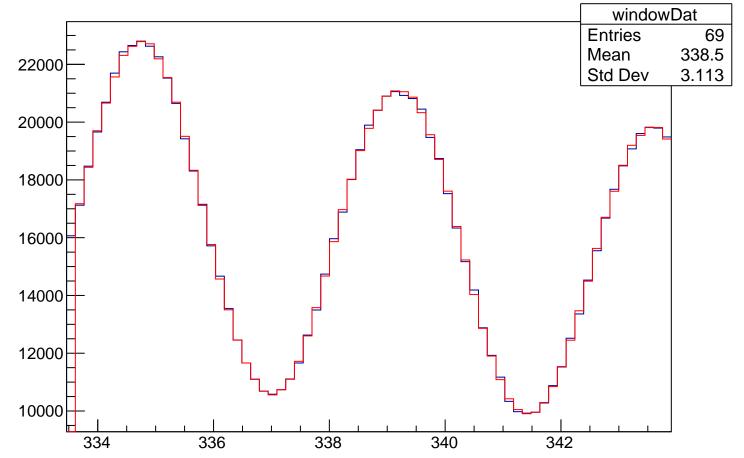
windowDat



FFT of Residuals



windowDat



FFT of Residuals FFT of Residuals 3000 Power (arb. units) **Entries** 69 Mean 1.853e+06 9.125e+05 Std Dev 2500 2000 1500 1000 500

1500

1000

500

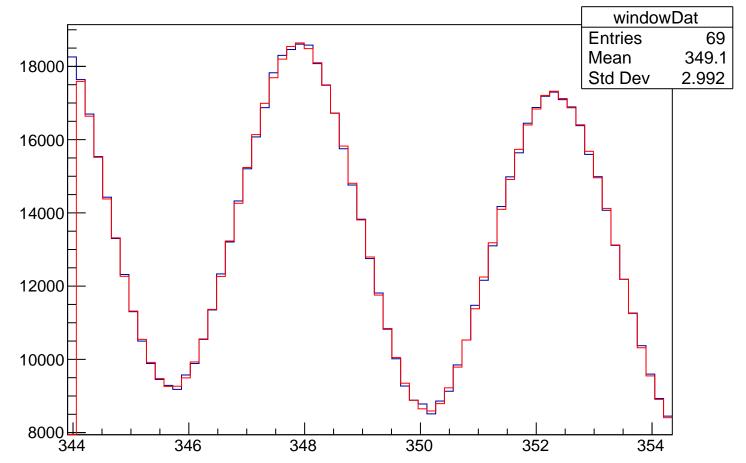
2500

2000

3000

Frequency (Hz)

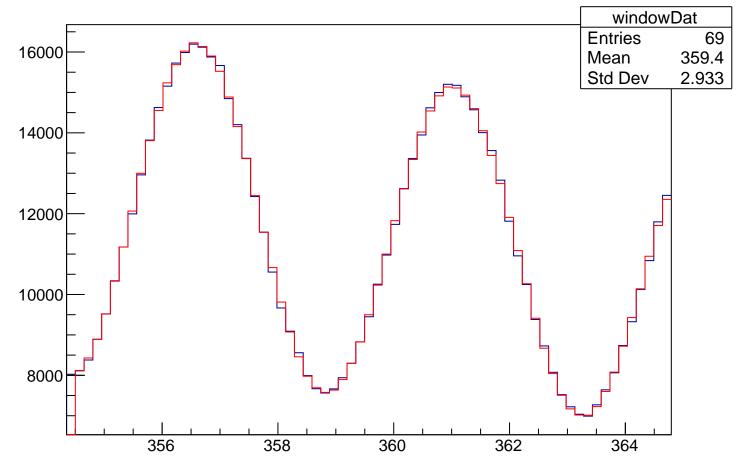
windowDat



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.681e+06 8.78e+05 Std Dev 2500 2000 1500 1000 500 0, 1500 2000 2500 3000 500 1000

Frequency (Hz)

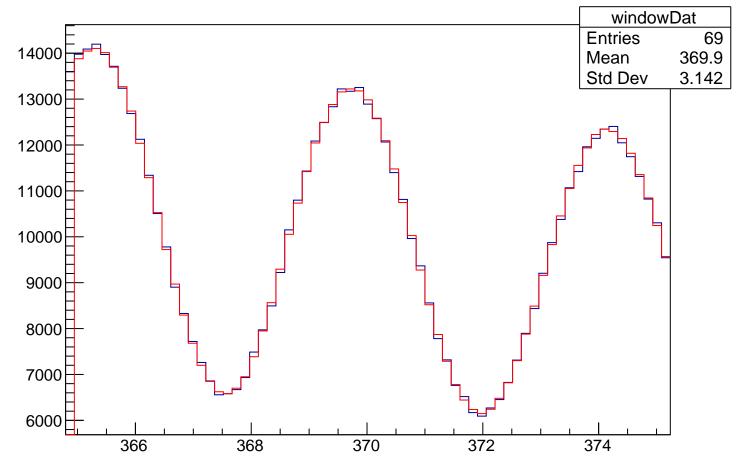
windowDat



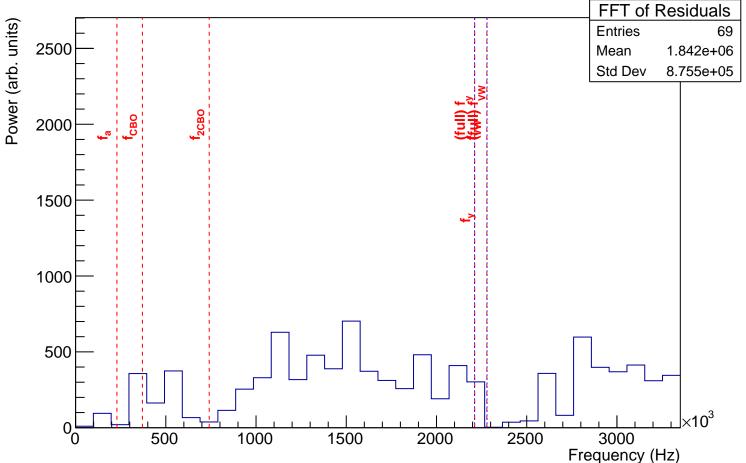
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.814e+06 9.144e+05 Std Dev r

Frequency (Hz)

windowDat

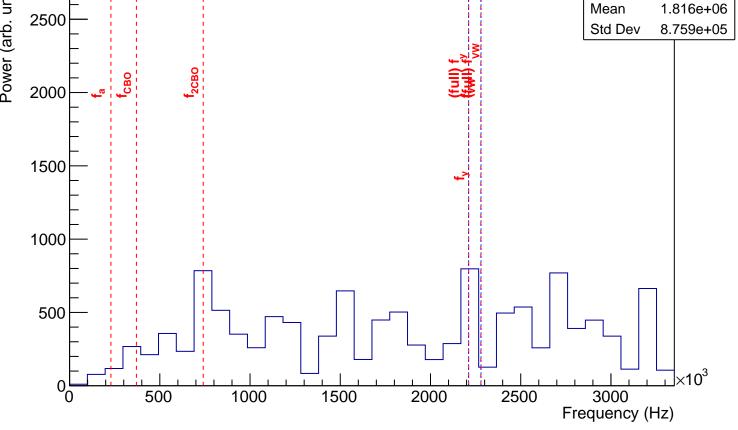


FFT of Residuals

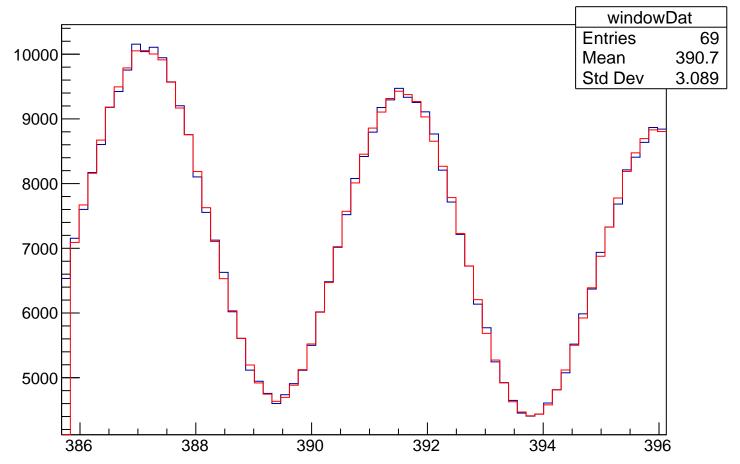


windowDat windowDat Entries 380.4 Mean 2.863 Std Dev

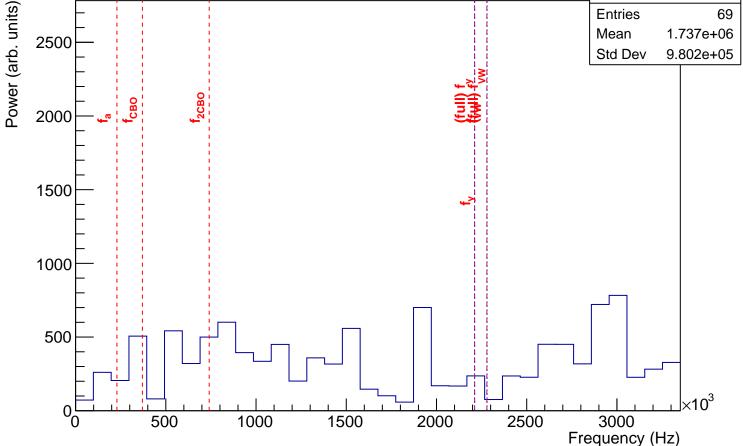
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.816e+06 2500 8.759e+05 Std Dev 2000 1500 1000



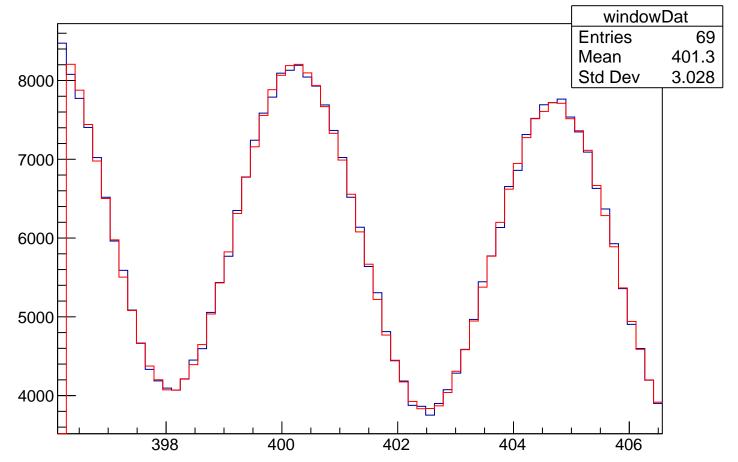
windowDat



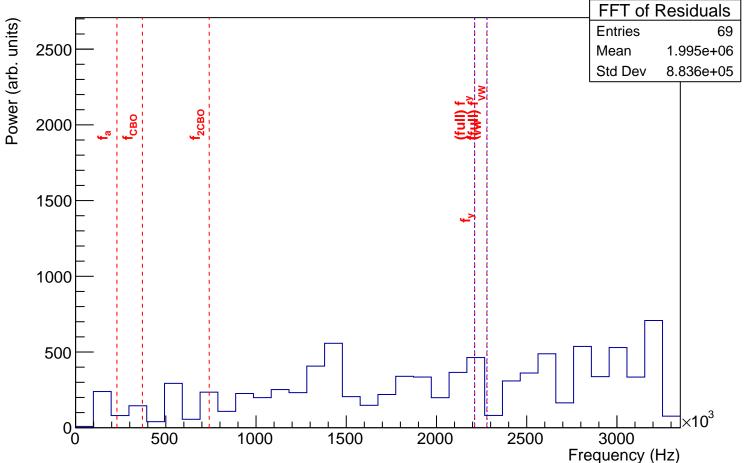
FFT of Residuals FFT of Residuals 2500







FFT of Residuals



windowDat windowDat Entries 411.6 Mean 2.903 Std Dev