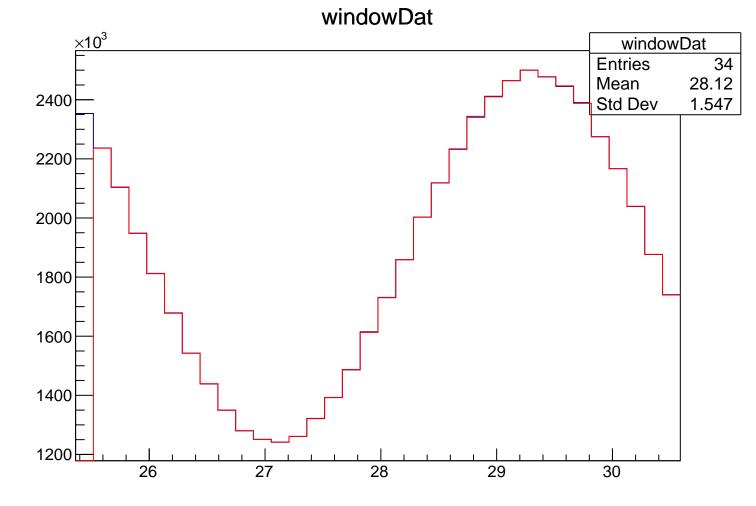
FFT of Residuals FFT of Residuals **Entries** Mean 2.027e+06 10000 Std Dev 7.299e+05 8000 6000 4000 2000 0, 500 3000 1000 1500 2000 2500

Frequency (Hz)

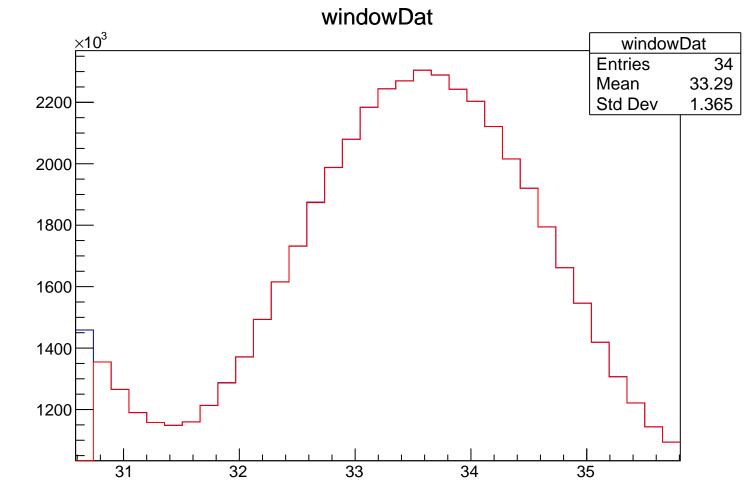
windowDat $\times 10^3$ windowDat Entries Mean 22.72 1.65 Std Dev

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 2.269e+06 Mean 14000 Std Dev 7.237e+05 12000 10000 8000 6000 4000 2000 0, 500 1500 1000 2000 2500 3000

Frequency (Hz)

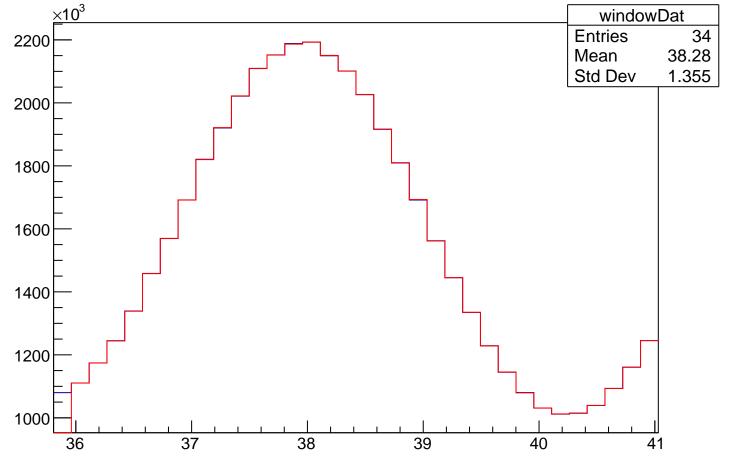


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 2.381e+06 Std Dev 7.077e+05 Frequency (Hz)



FFT of Residuals **Entries** 2.129e+06 Mean Std Dev 7.152e+05 Frequency (Hz)

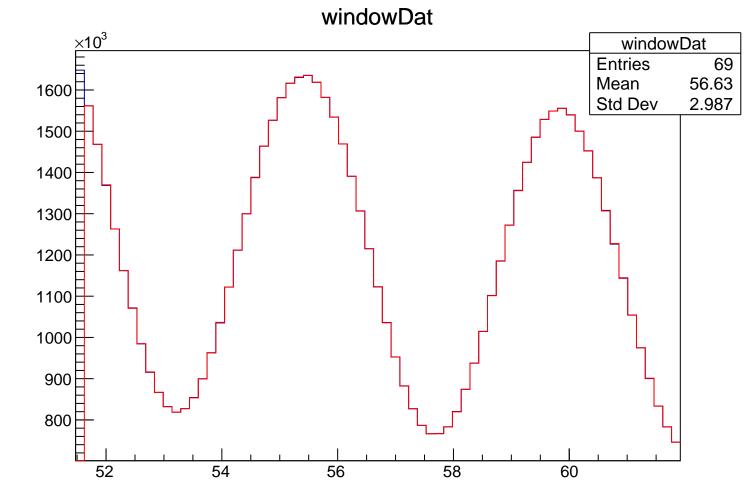
window Dat



FFT of Residuals FFT of Residuals **Entries** Mean 1.914e+06 Std Dev 8.386e+05 Frequency (Hz)

windowDat ×10³ windowDat Entries 69 2000 46.06 Mean Std Dev 3.116 1800 1600 1400 1200 1000 42 44 46 48 50

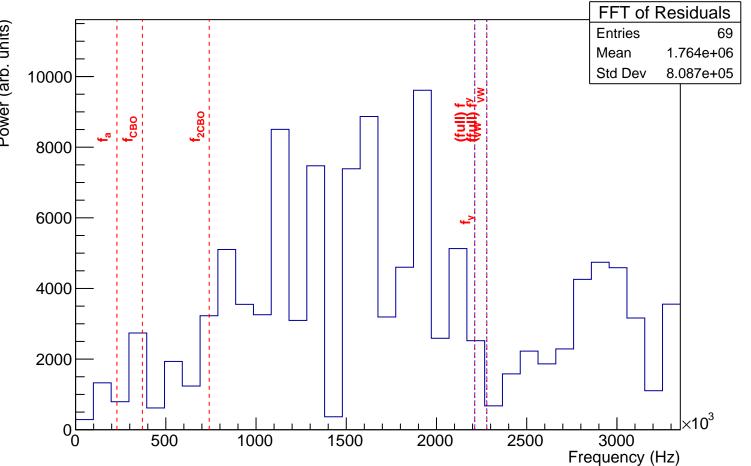
FFT of Residuals 12000 **Entries** Mean 1.924e+06 8.93e+05 Std Dev 10000 8000 6000 4000 2000 0, 2500 3000 500 1000 1500 2000 Frequency (Hz)



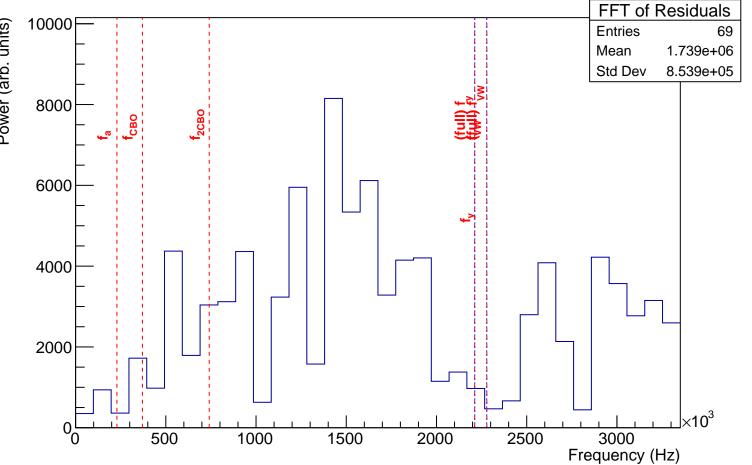
FFT of Residuals FFT of Residuals **Entries** Mean 1.926e+06 Std Dev 8.459e+05 F

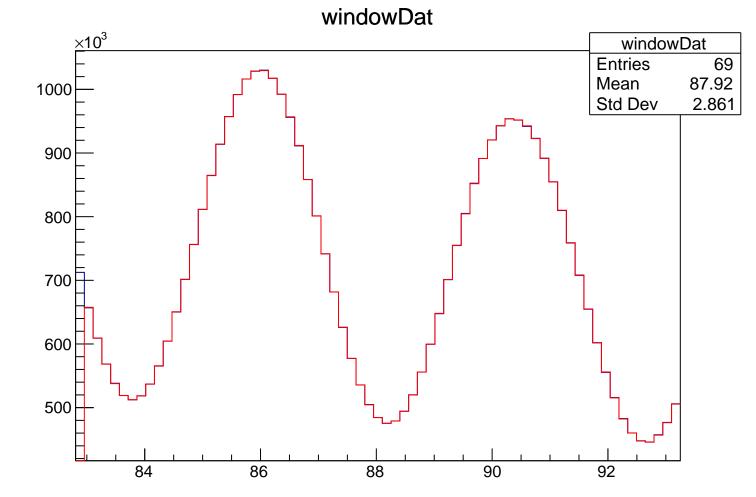
Frequency (Hz)

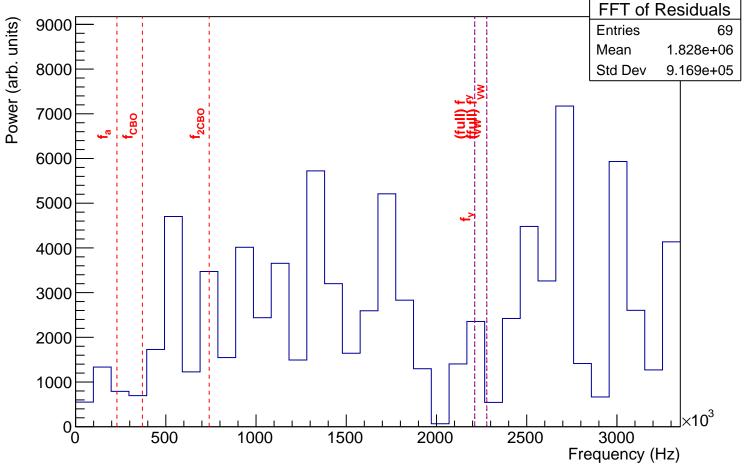
windowDat ×10³ windowDat Entries 66.94 Mean Std Dev 2.937 600 🎚



windowDat 1300 × 10³ windowDat Entries 77.45 Mean Std Dev 3.15







windowDat ×10³ windowDat Entries 69 900 98.27 Mean Std Dev 3.094 800 700 600 500 400 94 96 98 100 102

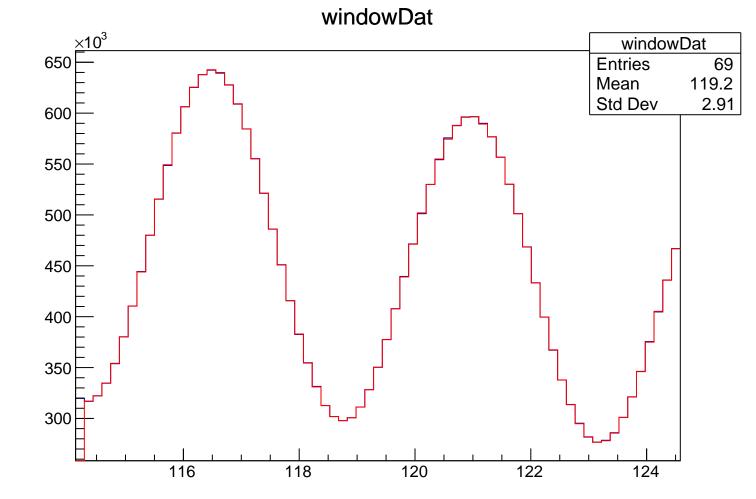
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.64e+06 9.217e+05 Std Dev

Frequency (Hz)

windowDat $\times 10^3$ windowDat Entries 108.9 Mean Std Dev 3.02

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.989e+06 Std Dev 8.395e+05

Frequency (Hz)



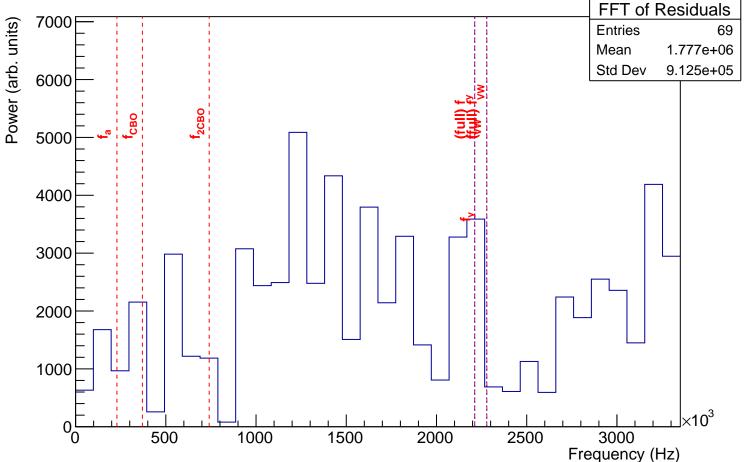
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.973e+06 9.167e+05 Std Dev Frequency (Hz)

windowDat $\times 10^3$ windowDat Entries 129.7 Mean Std Dev 3.148

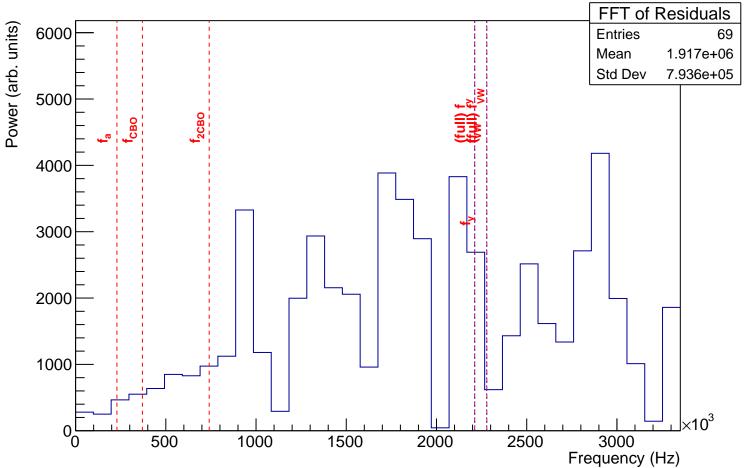
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.781e+06 6000 9.132e+05 Std Dev 5000 4000 3000 2000 1000 500 1000 1500 2000 2500 3000

Frequency (Hz)

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



windowDat $\times 10^3$ windowDat Entries 400 69 150.5 Mean Std Dev 3.063 350 300 250 200 146 148 150 152 154



windowDat windowDat Entries 161.1 Mean Std Dev 3.055

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 5000 Mean 1.843e+06 9.315e+05 Std Dev 4000 3000 2000 1000

1500

2000

2500

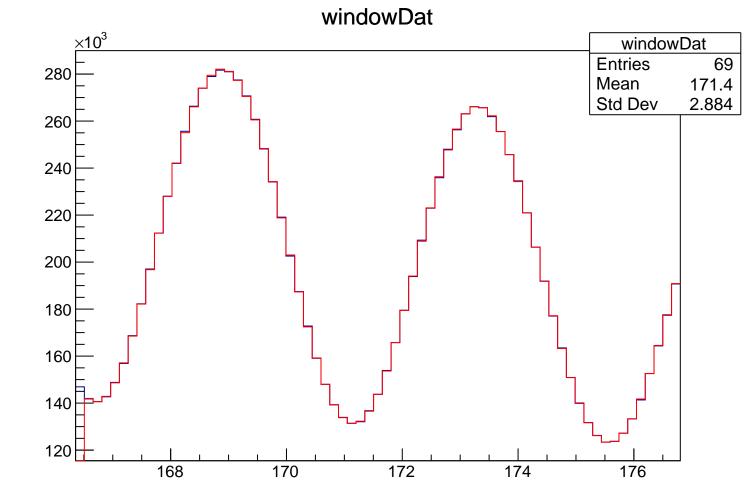
3000

Frequency (Hz)

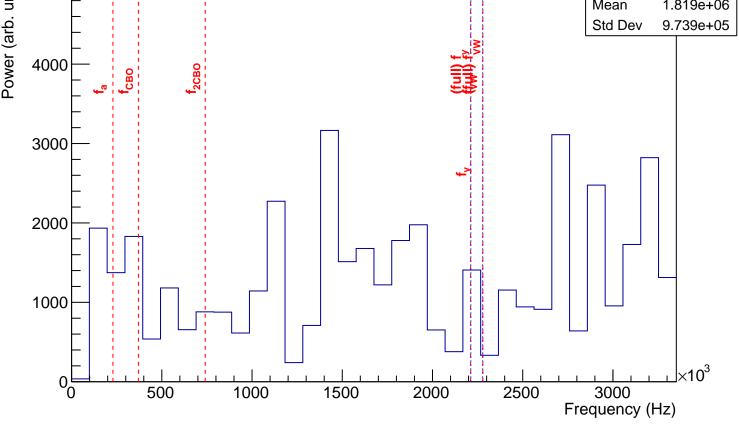
0 r

500

1000

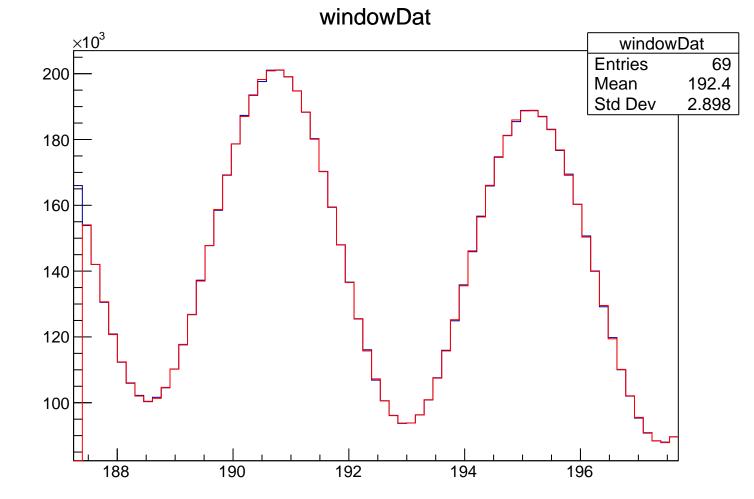


FFT of Residuals FFT of Residuals Power (arb. units) 5000 **Entries** 69 Mean 1.819e+06 9.739e+05 Std Dev 4000 3000 2000



windowDat ×10³ windowDat Entries 181.9 Mean Std Dev 3.151

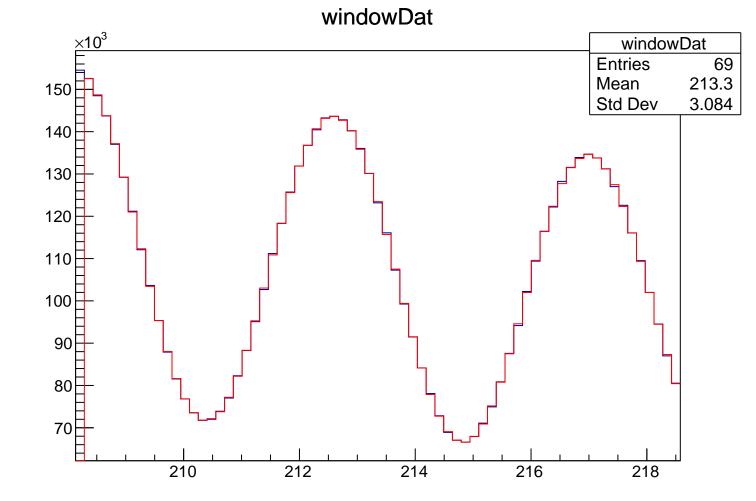
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 2.052e+06 6000 9.216e+05 Std Dev 5000 4000 3000 2000 1000 0, 1500 2000 3000 500 1000 2500



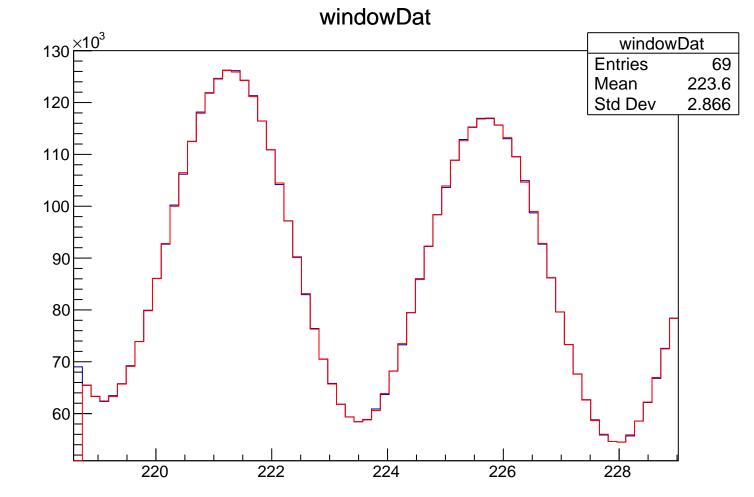
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 5000 Mean 1.834e+06 9.048e+05 Std Dev 4000 3000 2000 1000 0 L 3000 500 1000 1500 2000 2500 Frequency (Hz)

windowDat $\times 10^3$ windowDat Entries 202.7 Mean Std Dev 3.033

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.975e+06 5000 9.435e+05 Std Dev 4000 3000 2000 1000 0 3000 500 1000 1500 2000 2500



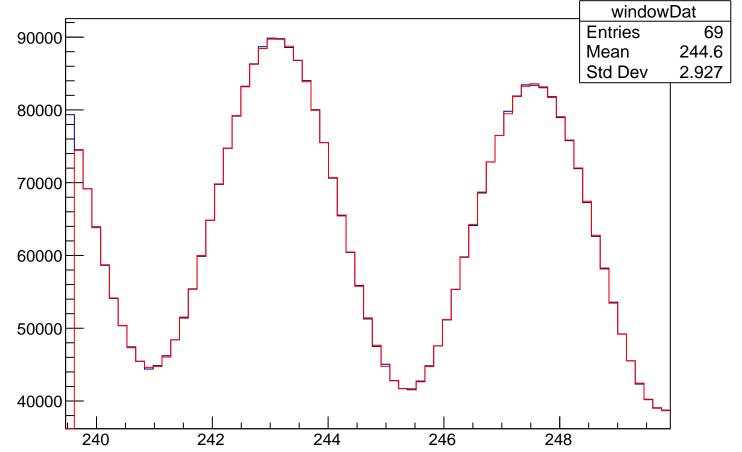
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.814e+06 8.853e+05 Std Dev Frequency (Hz)



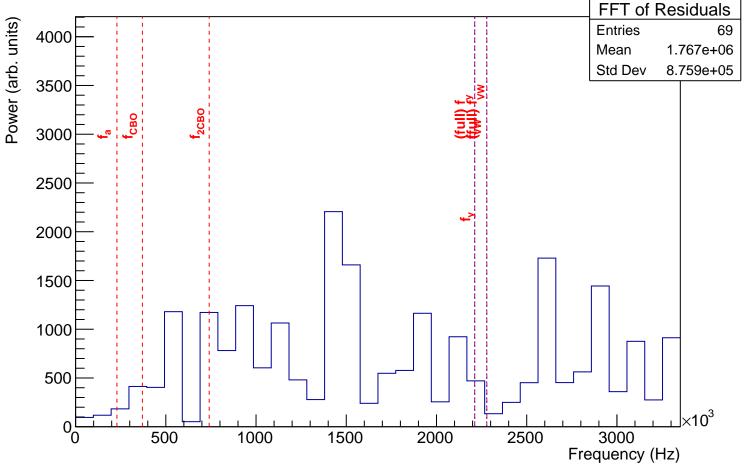
FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.832e+06 Std Dev 8.9e+05

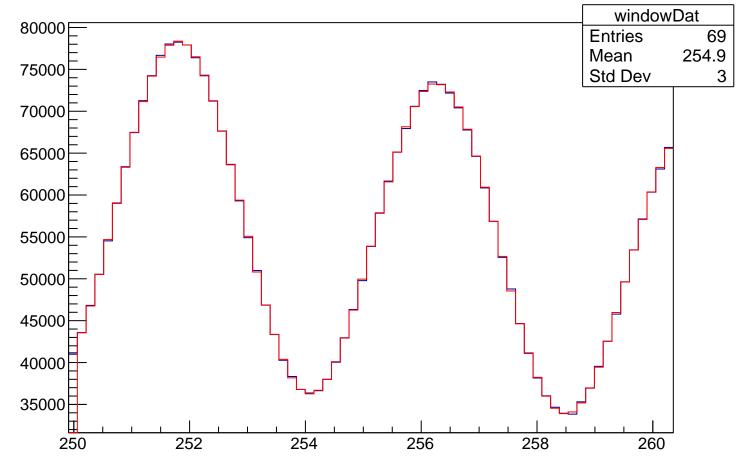
windowDat ×10³ windowDat Entries 234.1 Mean Std Dev 3.144

FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.648e+06 8.564e+05 Std Dev



FFT of Residuals





FFT of Residuals FFT of Residuals Power (arb. units) 4000 **Entries** 69 Mean 1.821e+06 9.294e+05 Std Dev 3500 3000 2500 2000 1500 1000

1500

2000

2500

3000 Frequency (Hz)

500

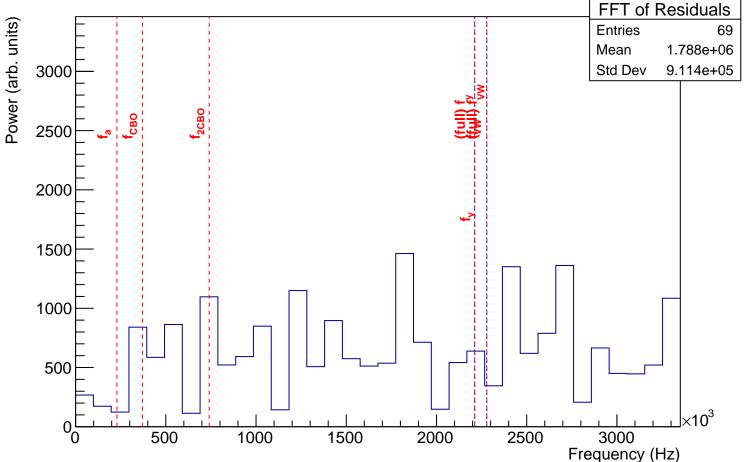
0,

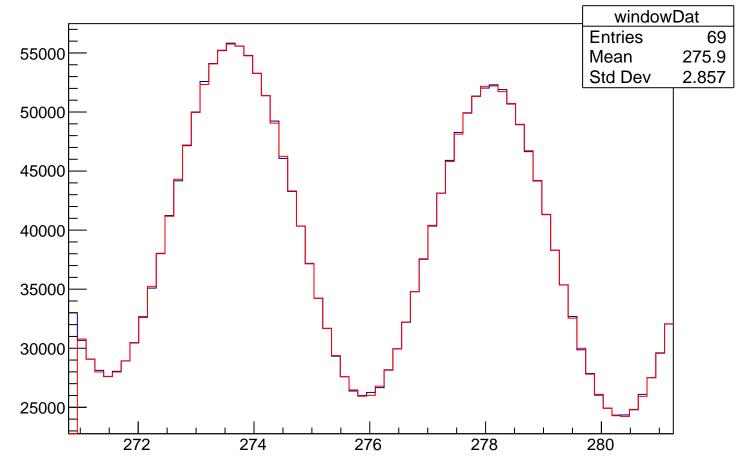
500

1000

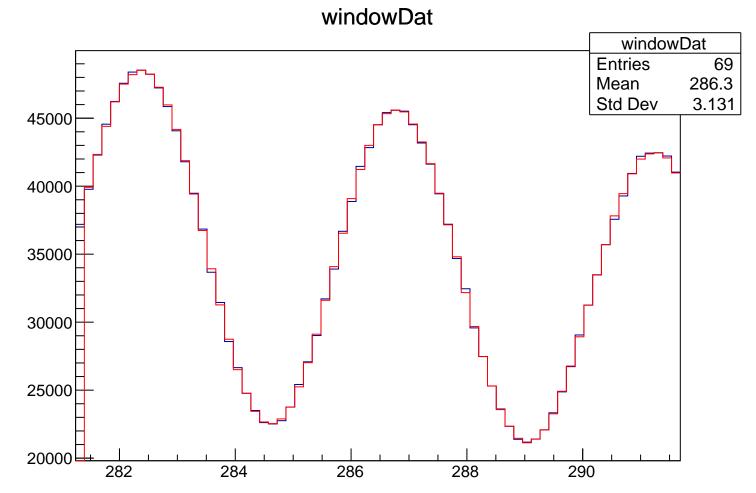
windowDat windowDat **Entries** 265.5 Mean Std Dev 3.109

FFT of Residuals





FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.838e+06 9.153e+05 Std Dev



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.847e+06 3000 8.896e+05 Std Dev 2500 2000 1500 1000

1500

2000

2500

3000

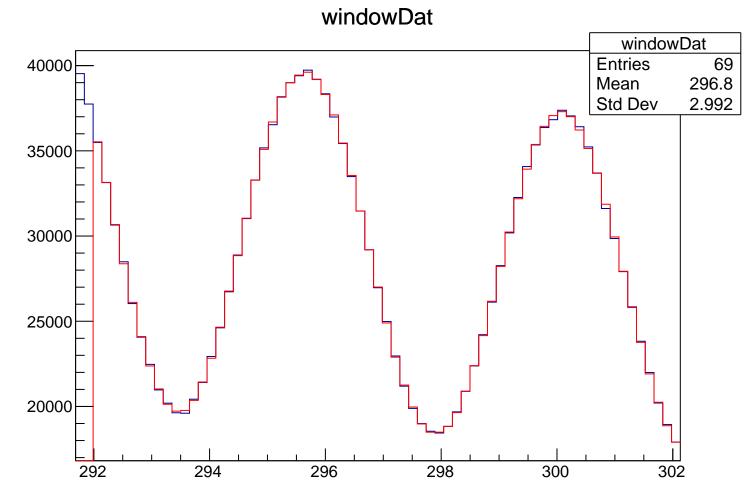
Frequency (Hz)

500

0,

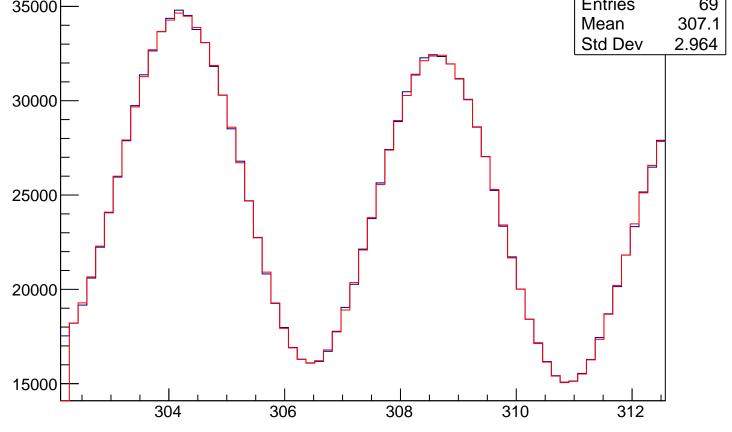
500

1000

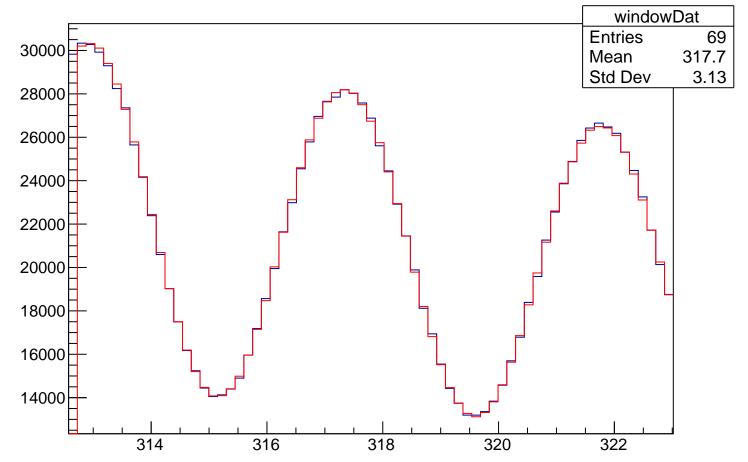


FFT of Residuals FFT of Residuals Power (arb. units) **Entries** Mean 1.8e+06 9.839e+05 Std Dev

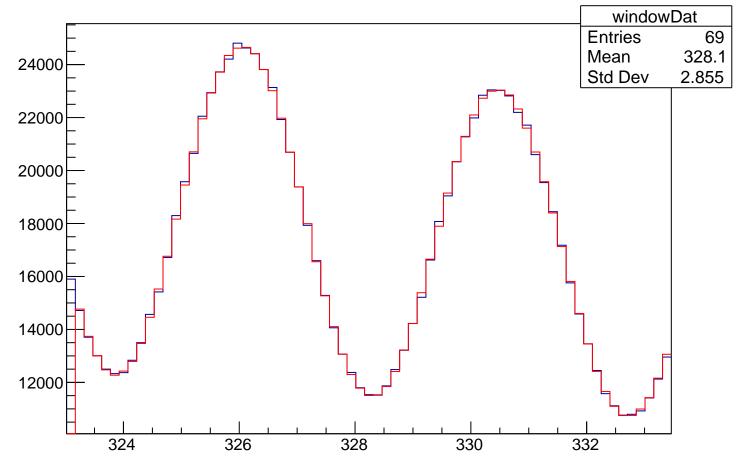
windowDat windowDat Entries 35000 69 307.1 Mean Std Dev 2.964 30000 25000 20000



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.703e+06 1.028e+06 Std Dev 3000 2500 2000 1500 1000 500 500 1000 1500 2000 2500 3000 Frequency (Hz)



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.862e+06 3000 8.897e+05 Std Dev 2500 2000 1500 1000 500 2500 3000 500 1000 1500 2000



FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.829e+06 9.145e+05 Std Dev 2500 2000 1500 1000 500

1500

1000

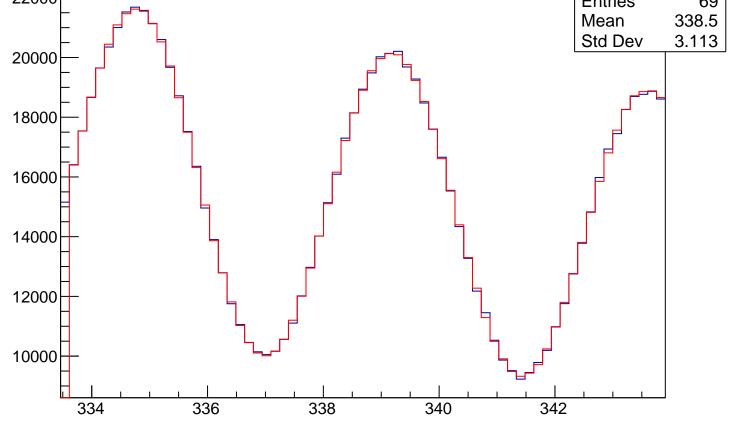
500

2500

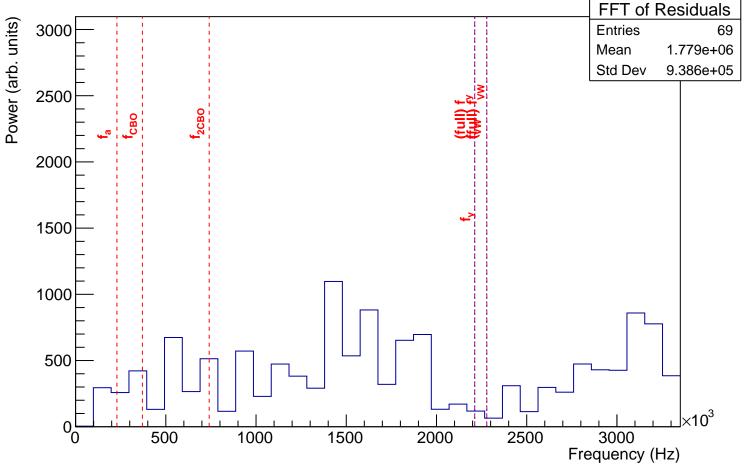
2000

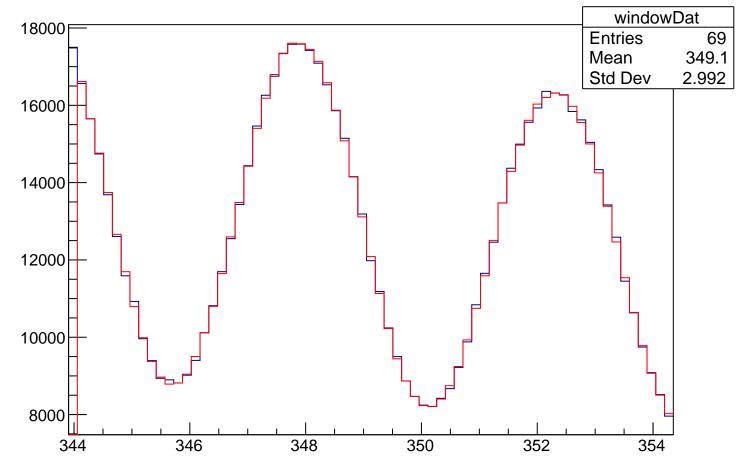
3000

windowDat windowDat 22000 **Entries** 69 338.5 Mean 3.113 Std Dev 20000 18000 16000 14000

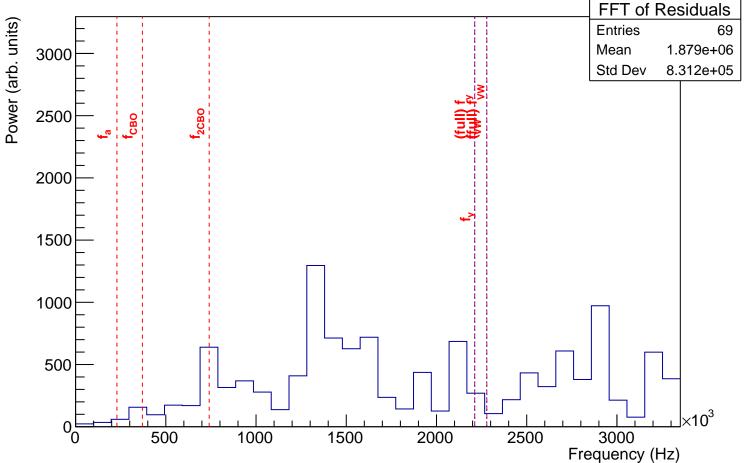


FFT of Residuals



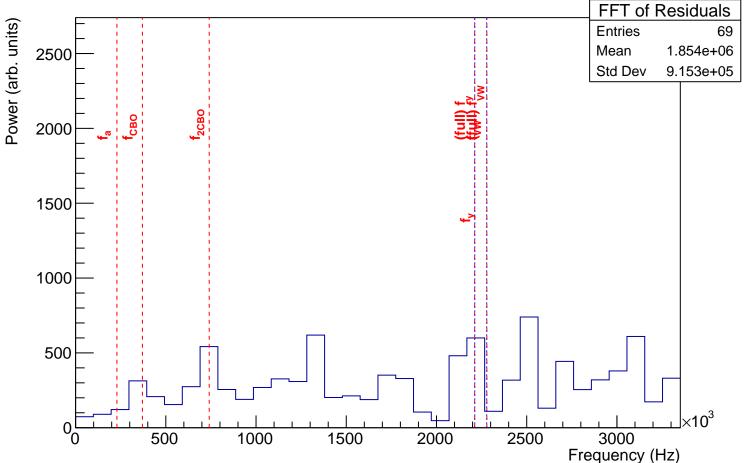


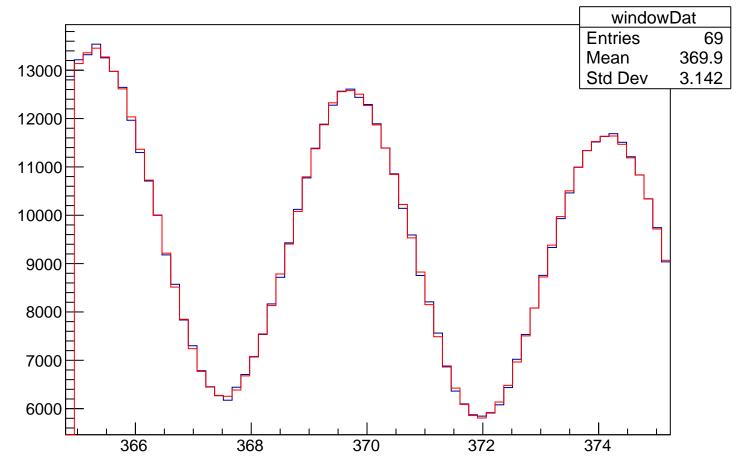
FFT of Residuals



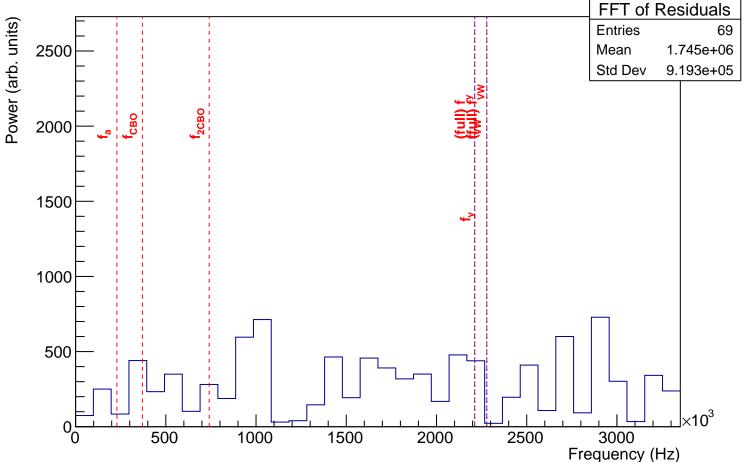
windowDat windowDat **Entries** 359.4 Mean Std Dev 2.933

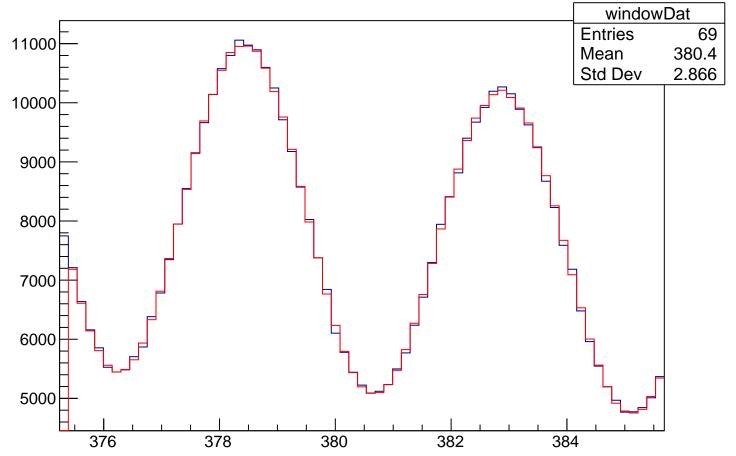
FFT of Residuals



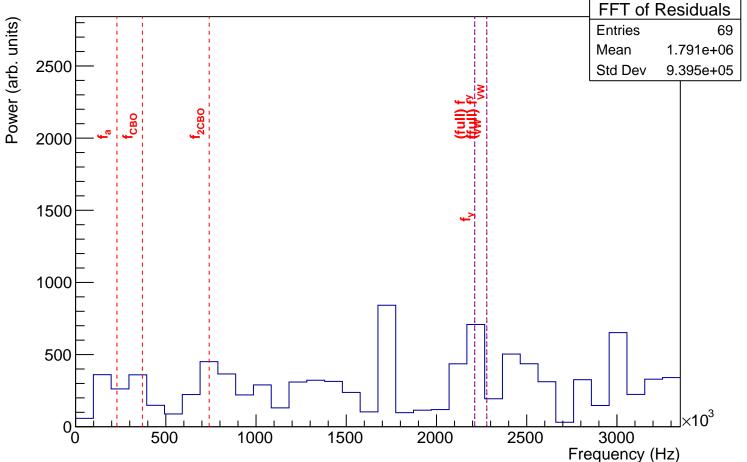


FFT of Residuals

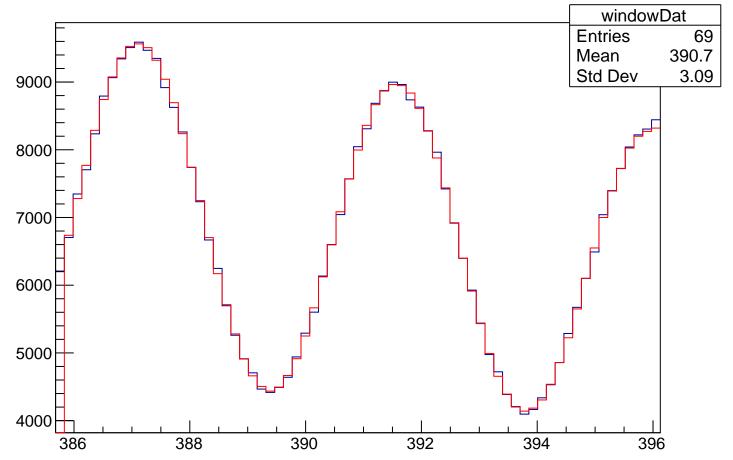




FFT of Residuals







FFT of Residuals FFT of Residuals Power (arb. units) **Entries** 69 Mean 1.87e+06 8.919e+05 Std Dev 2500 2000 1500 1000 500

1500

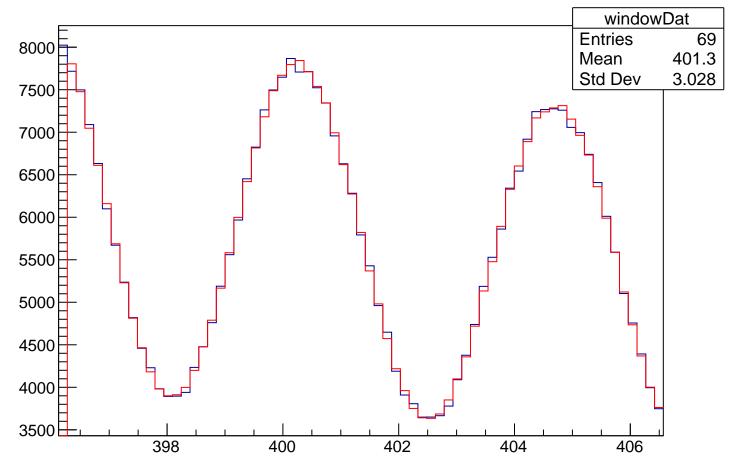
1000

500

2000

2500

3000



FFT of Residuals

