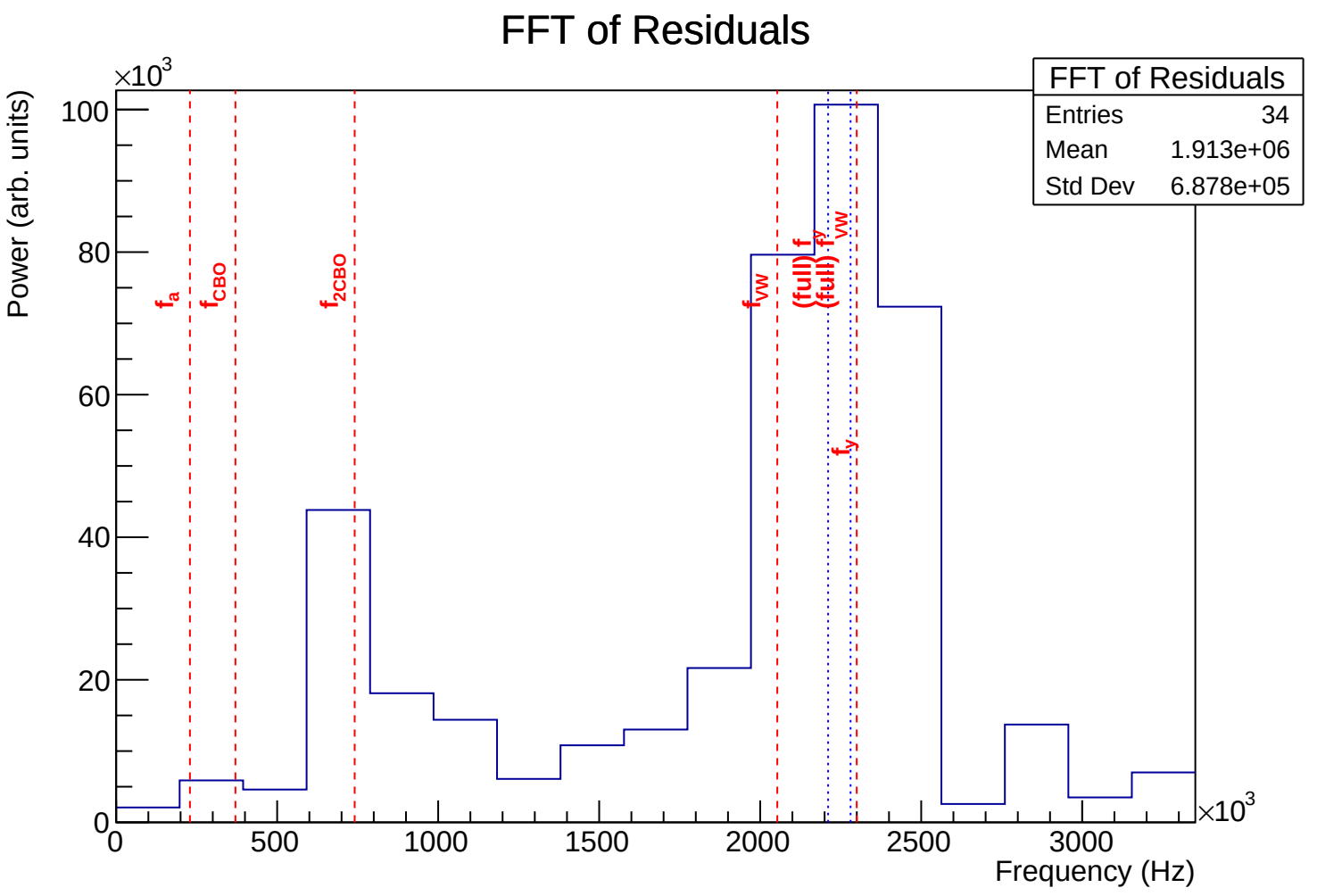
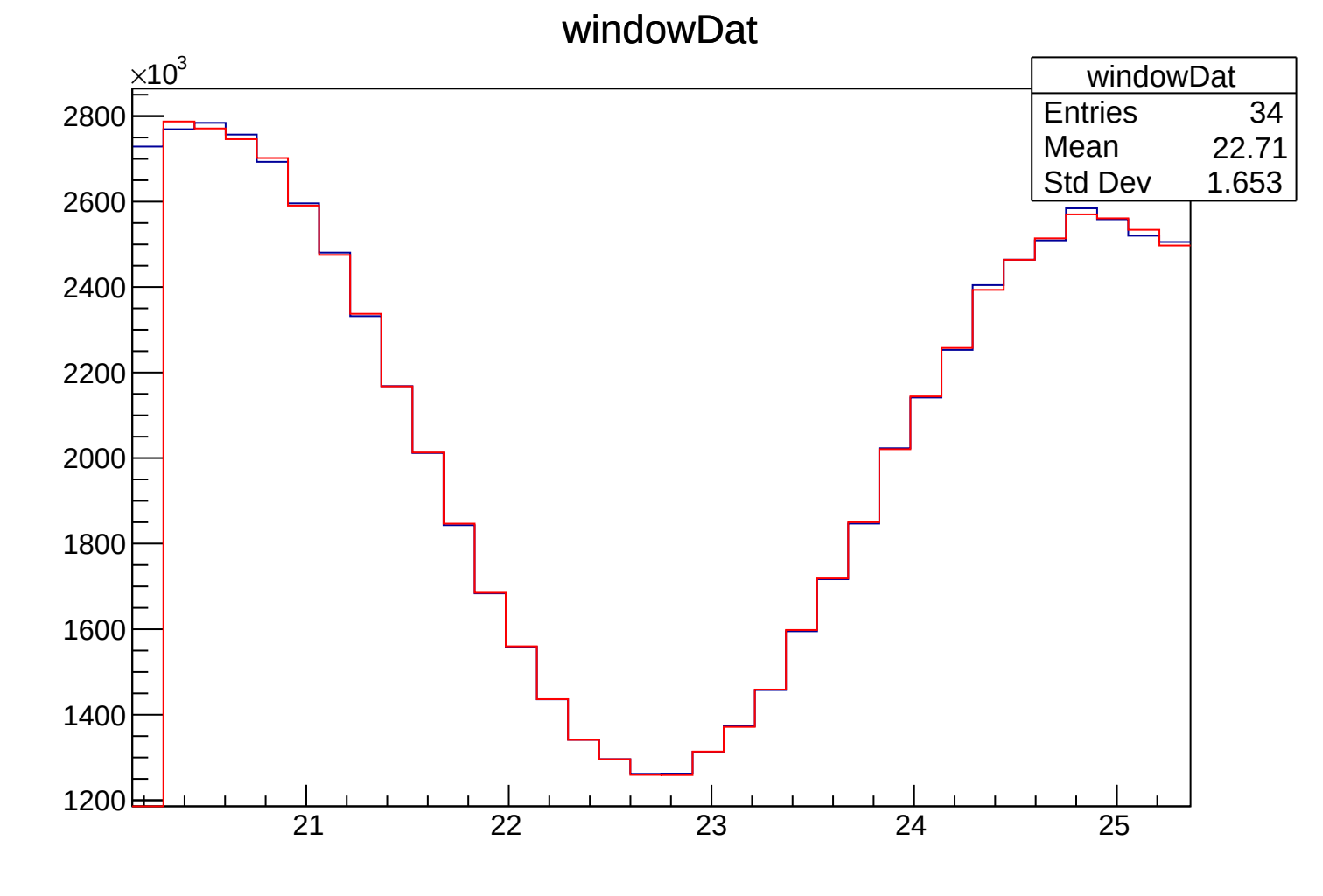
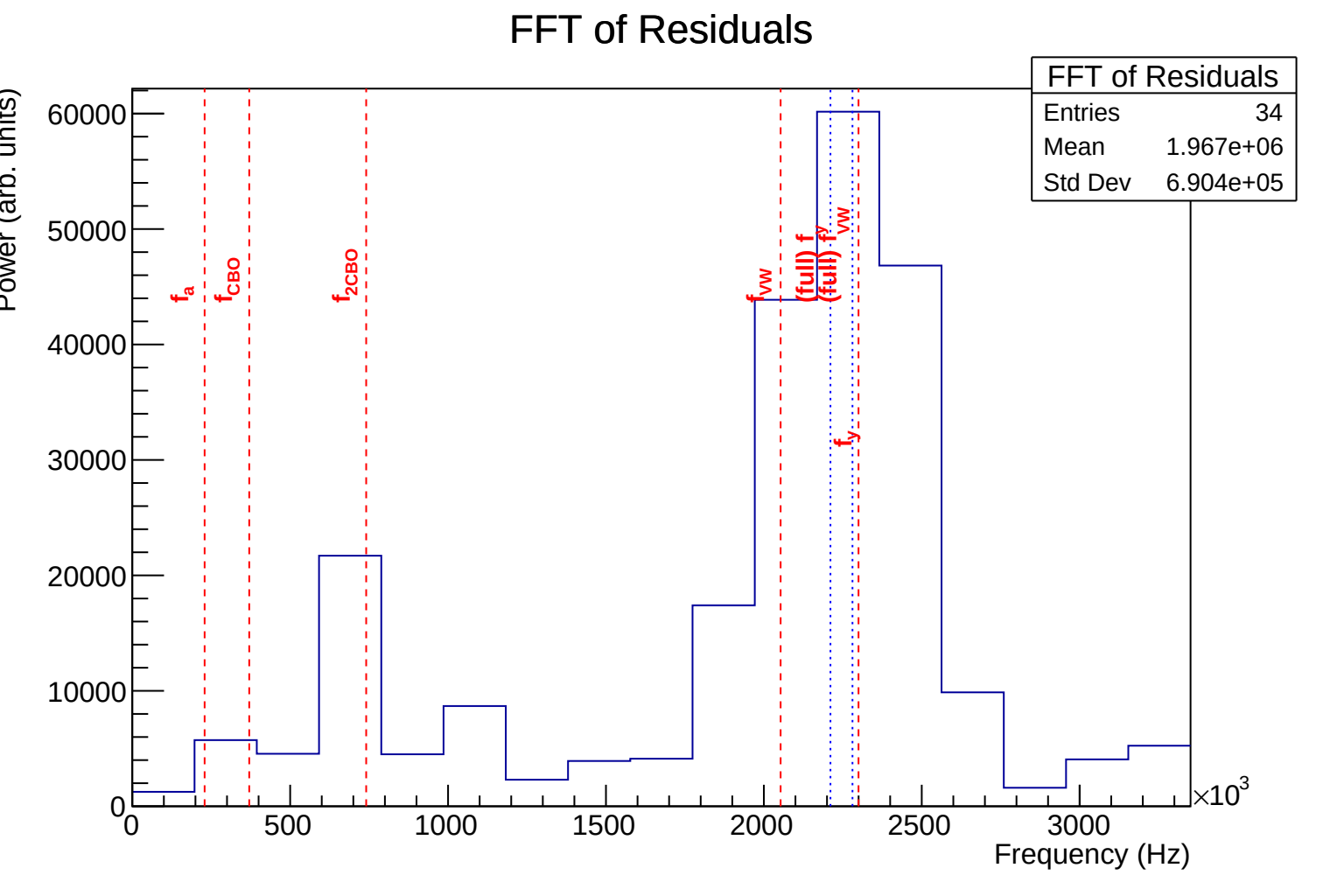
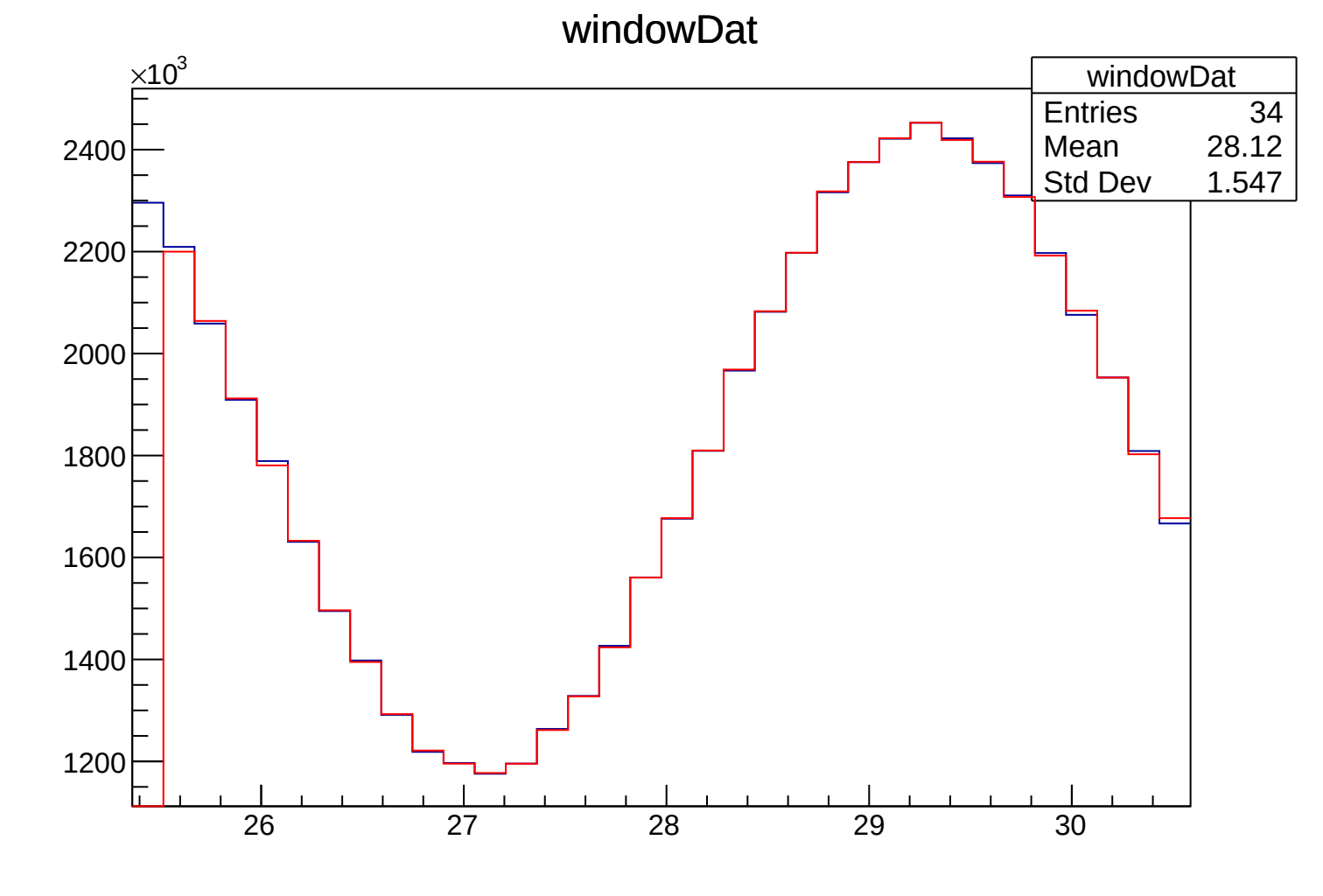
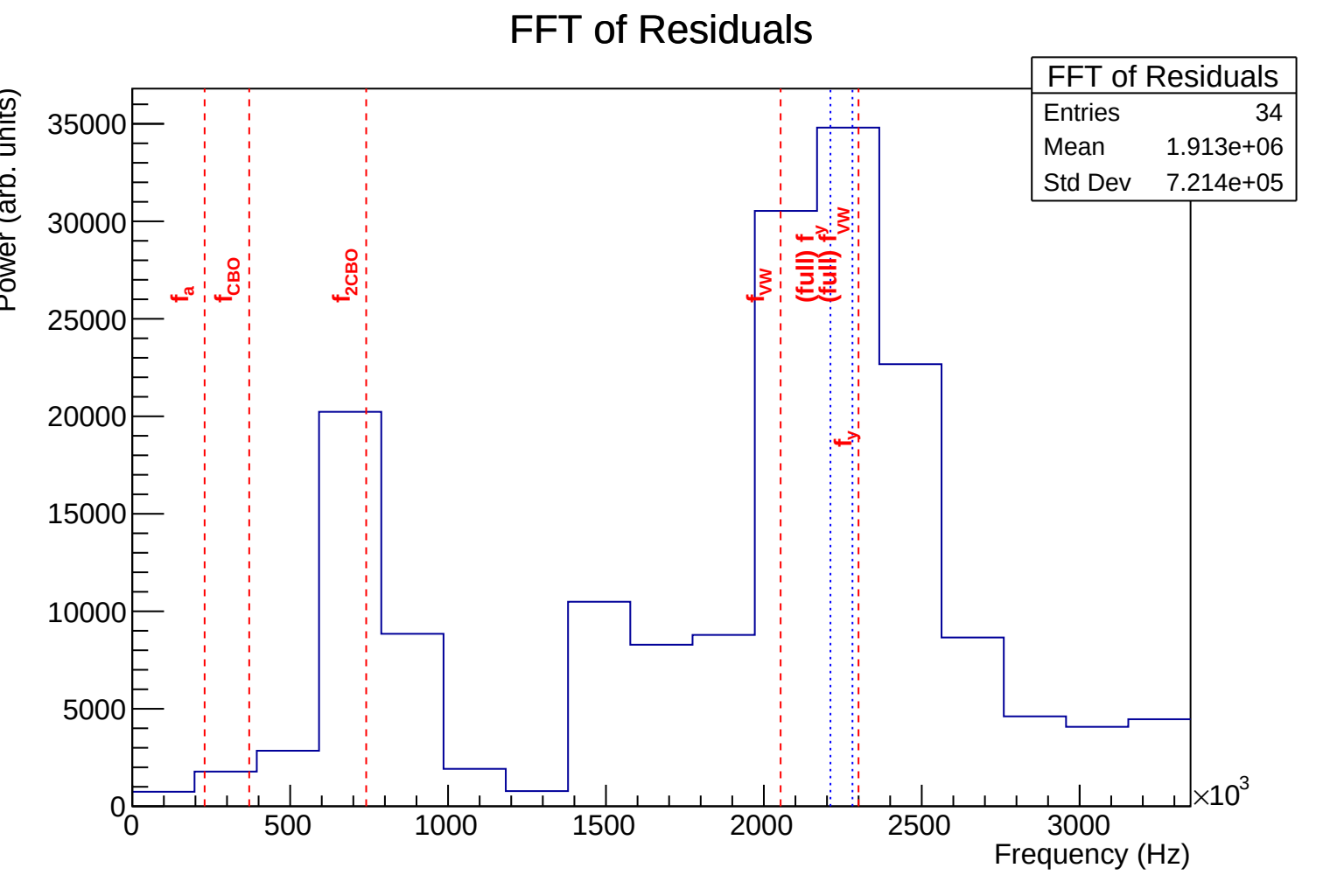
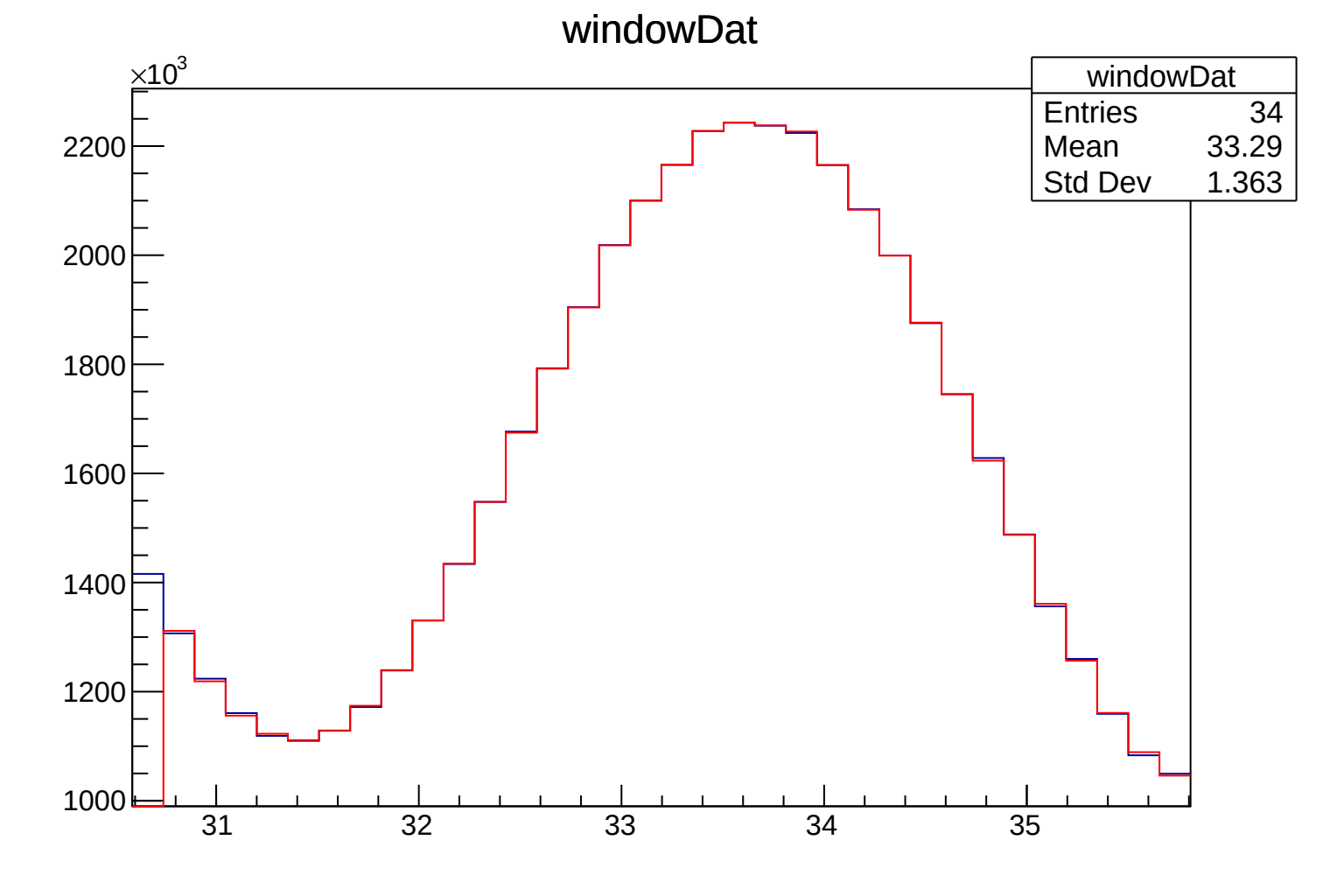

FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.913e+06
Std Dev 6.878e+05
×10^3
Power (arb. units)
100
80
60
40
20
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

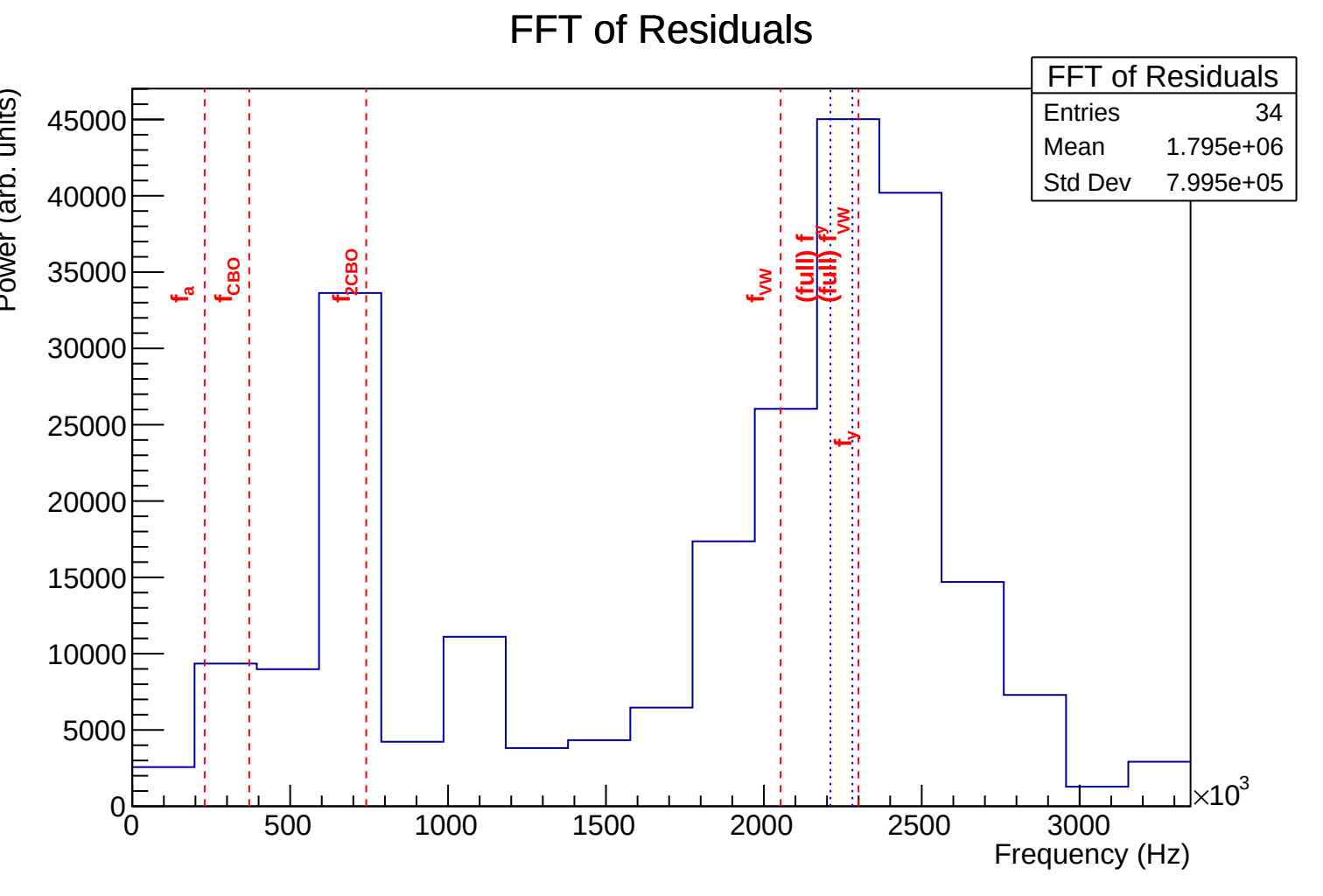

windowDat
×10^3
2800
2600
2400
2200
2000
1800
1600
1400
1200
21
22
23
24
25
windowDat
Entries 34
Mean 22.71
Std Dev 1.653

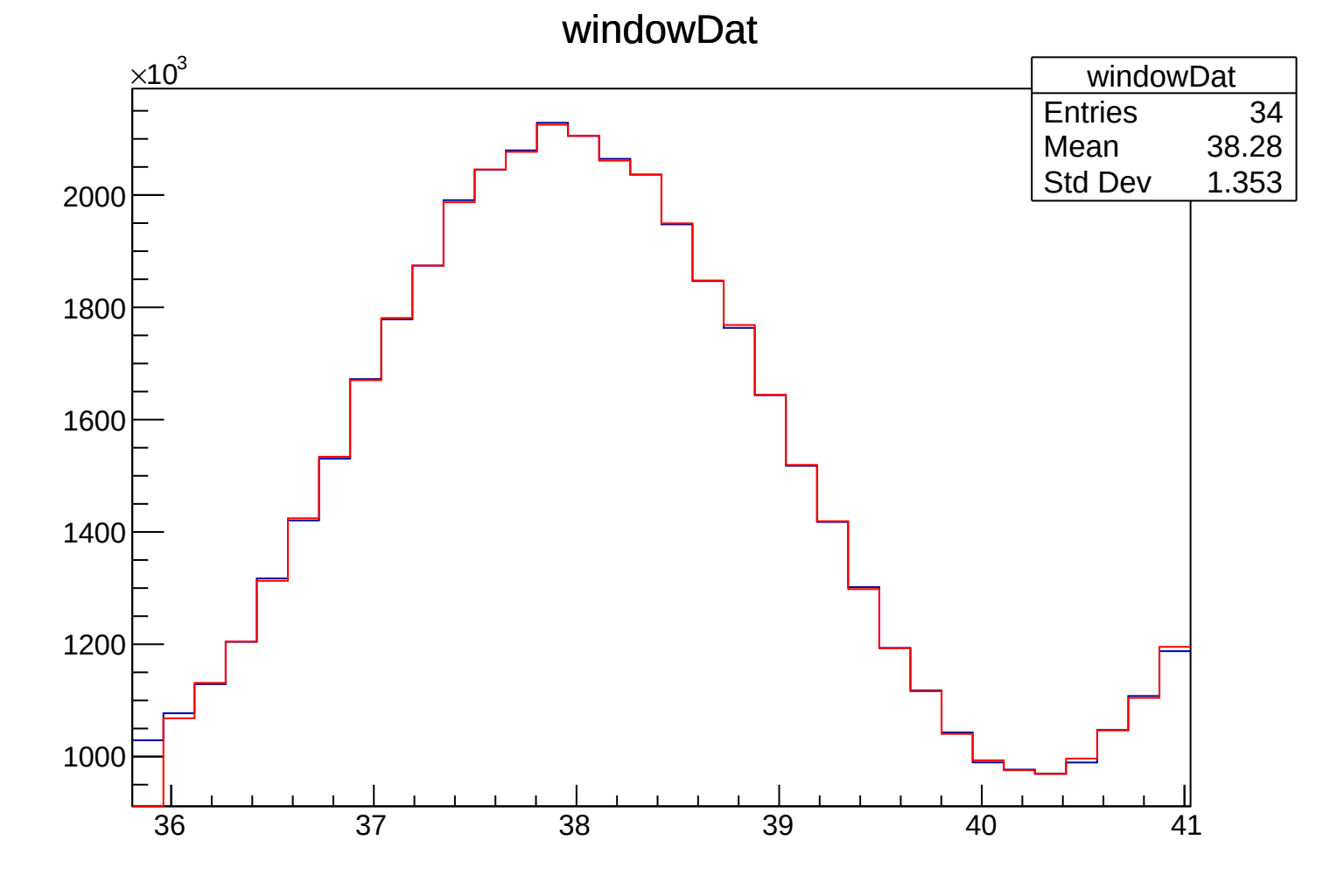

FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.967e+06
Std Dev 6.904e+05
Power (arb. units)
60000
50000
40000
30000
20000
10000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f
(full) f_y
f_VW
f_y

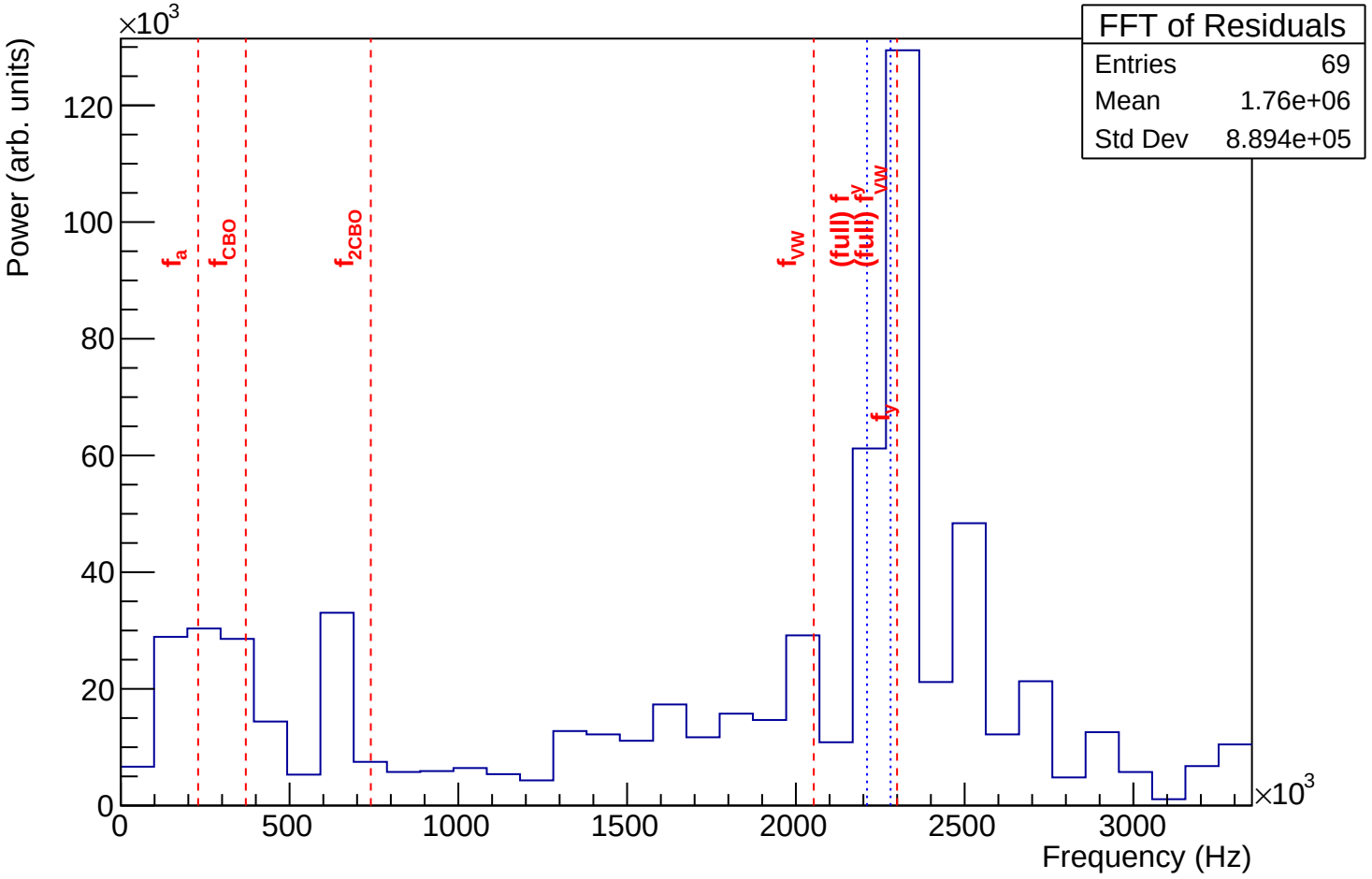

windowDat
×10^3
2400
2200
2000
1800
1600
1400
1200
26
27
28
29
30
windowDat
Entries 34
Mean 28.12
Std Dev 1.547

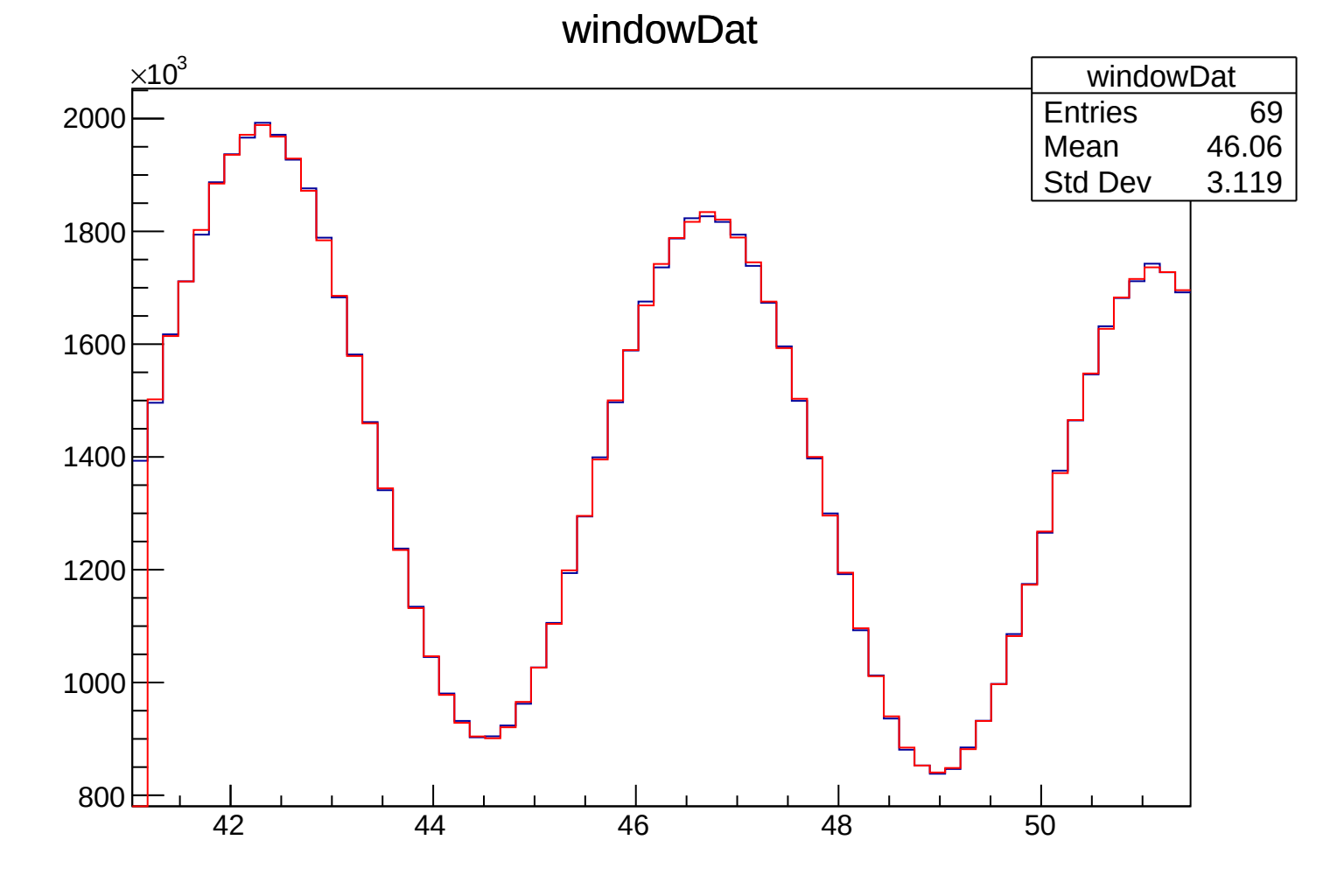

FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.913e+06
Std Dev 7.214e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
5000
10000
15000
20000
25000
30000
35000
0
500
1000
1500
2000
2500
3000

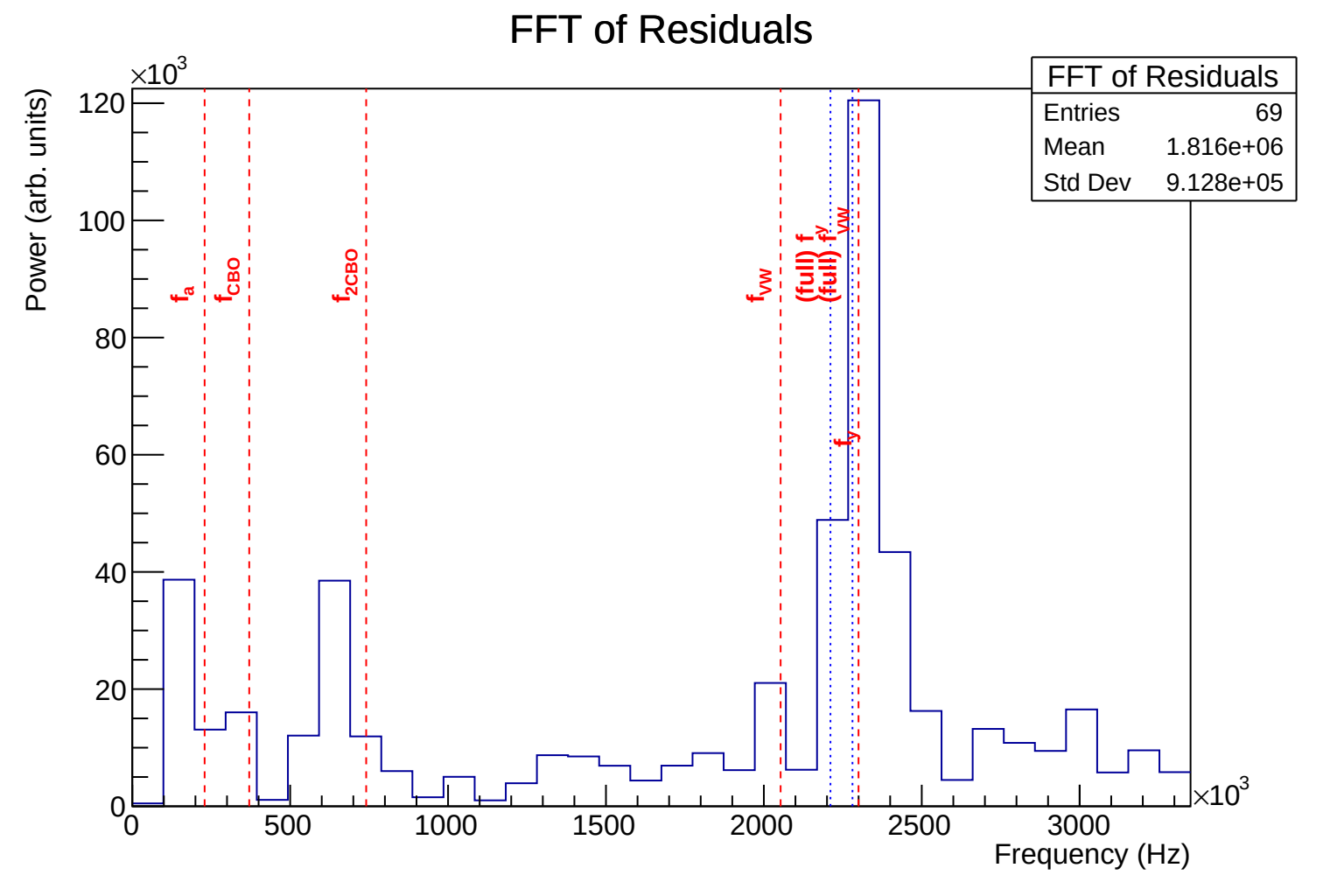

windowDat
×10^3
2200
2000
1800
1600
1400
1200
1000
31
32
33
34
35
windowDat
Entries 34
Mean 33.29
Std Dev 1.363

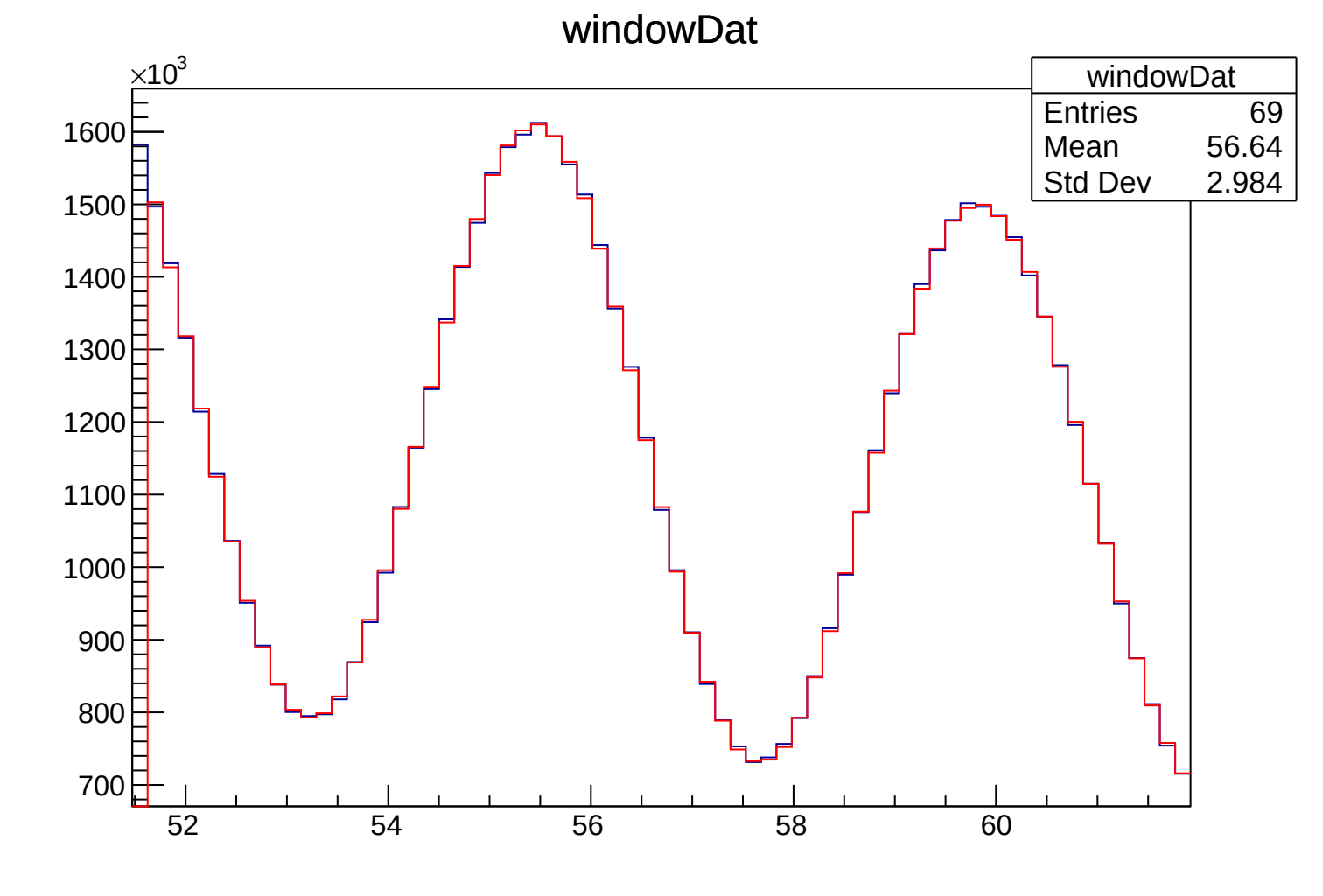

FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.795e+06
Std Dev 7.995e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

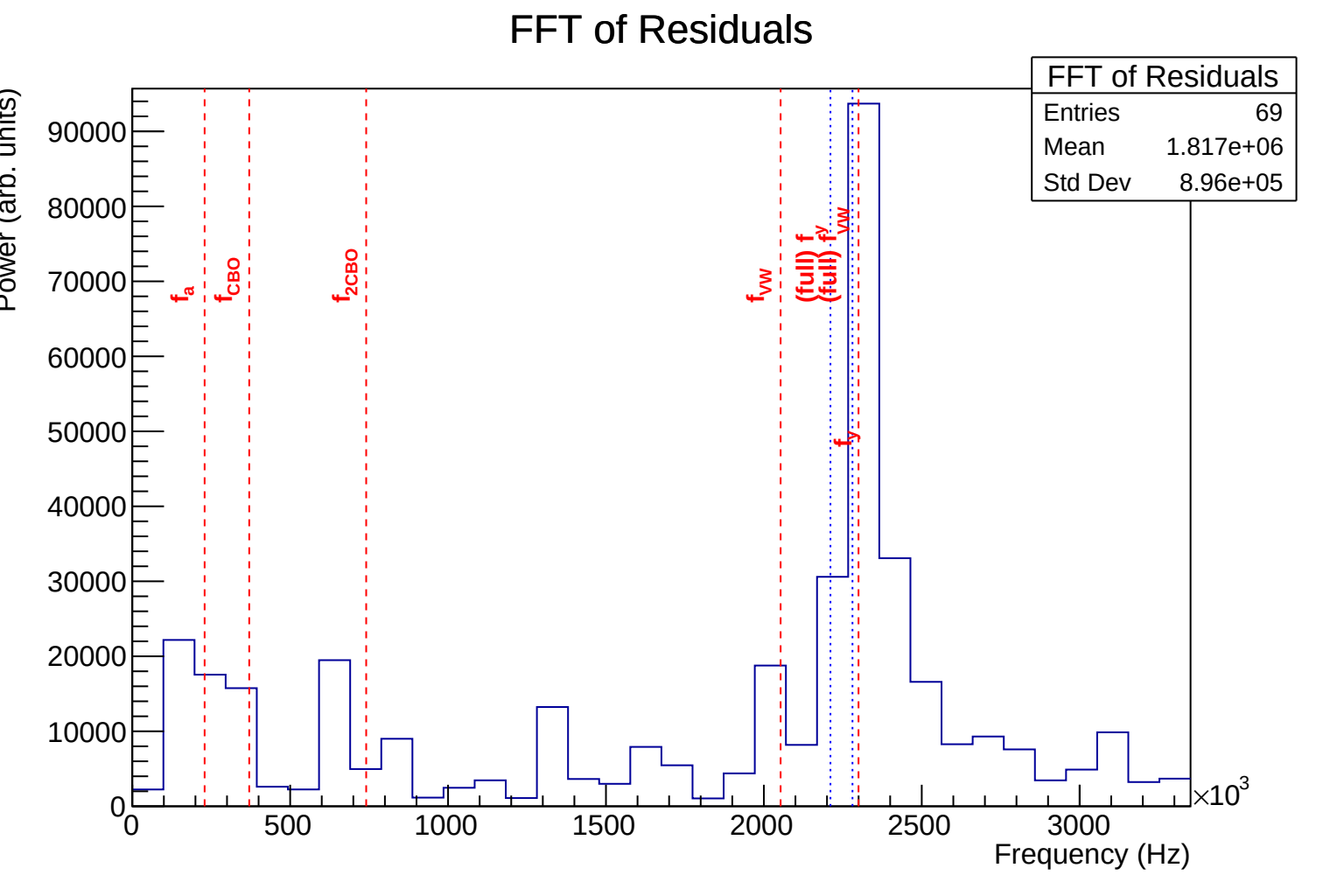

windowDat
×10^3
2000
1800
1600
1400
1200
1000
36
37
38
39
40
41
windowDat
Entries 34
Mean 38.28
Std Dev 1.353

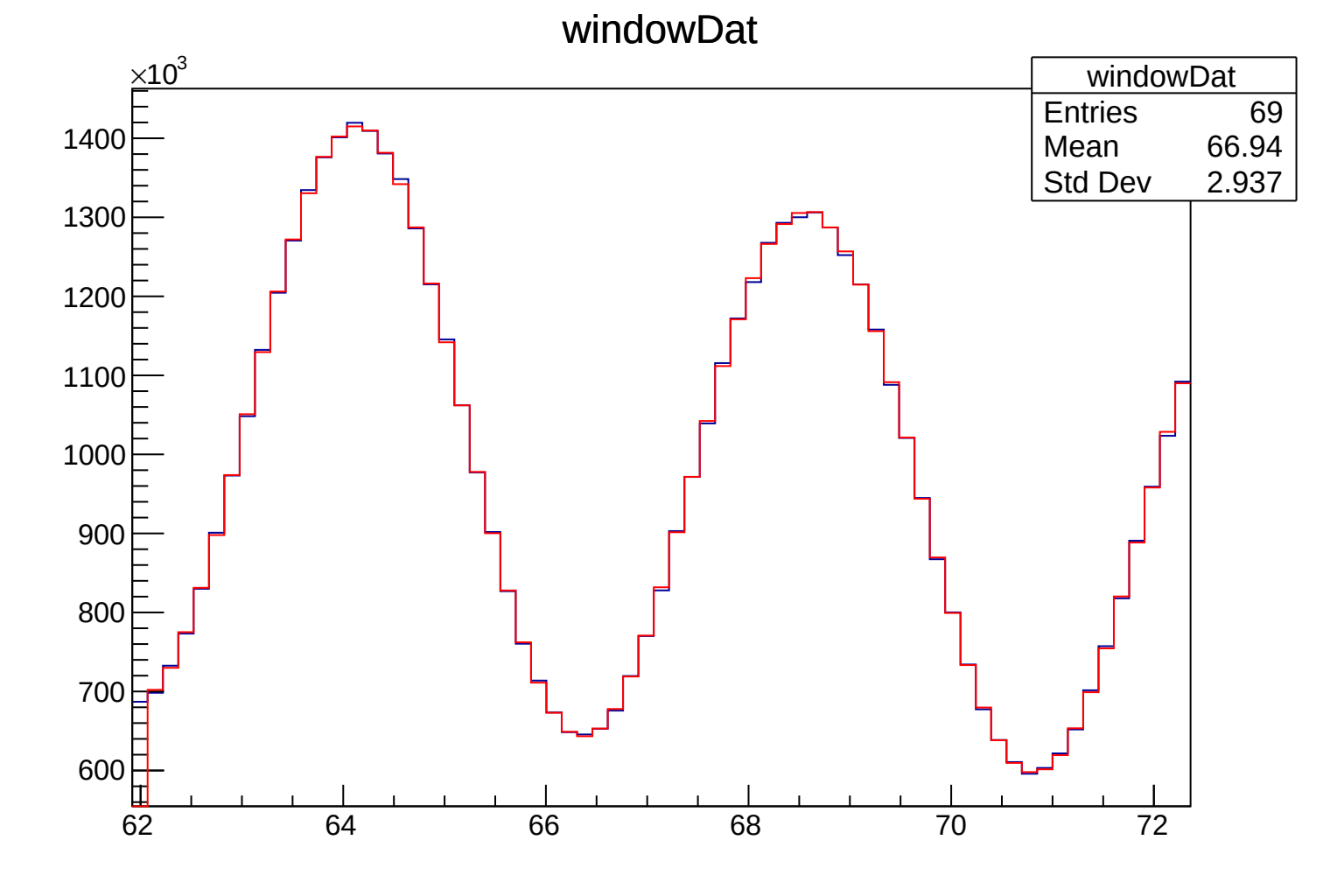

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.76e+06
Std Dev 8.894e+05
Power (arb. units)
×10^3
120
100
80
60
40
20
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

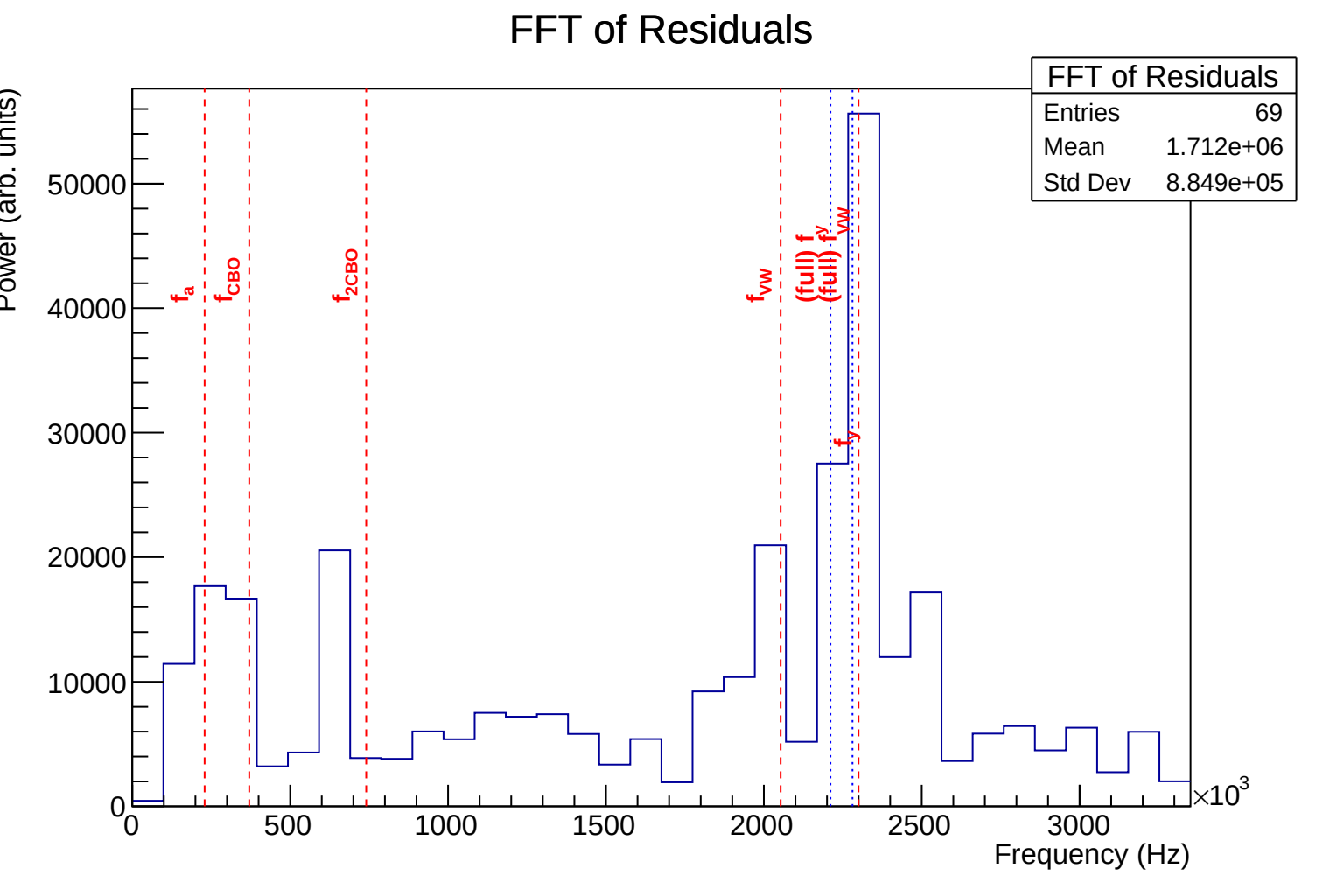

windowDat
×10^3
2000
1800
1600
1400
1200
1000
800
42
44
46
48
50
windowDat
Entries 69
Mean 46.06
Std Dev 3.119

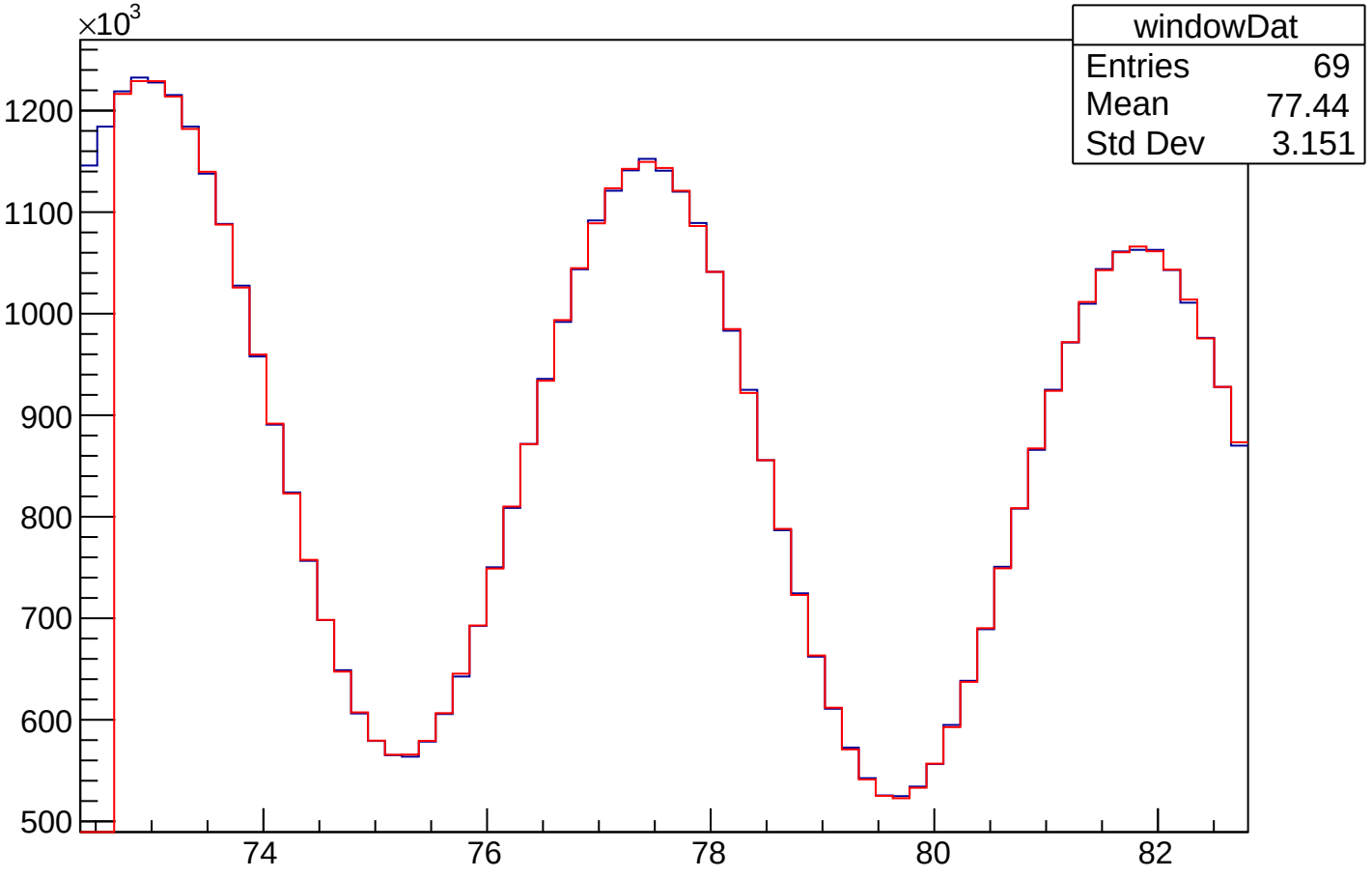

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.816e+06
Std Dev 9.128e+05
Power (arb. units)
×10^3
120
100
80
60
40
20
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩ (full)
⟨f_y⟩ (full)
f_VW
f_y

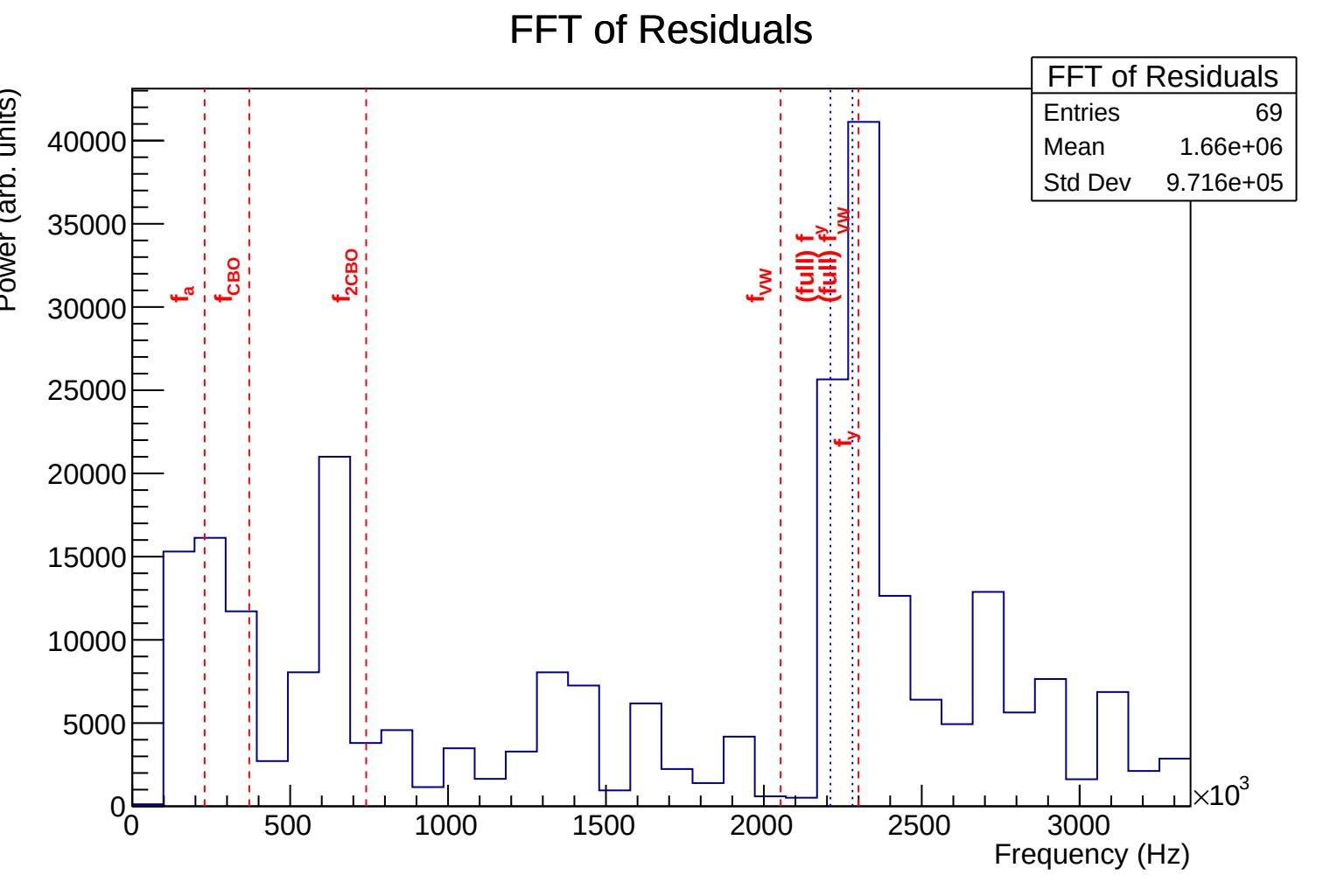

windowDat
×10^3
1600
1500
1400
1300
1200
1100
1000
900
800
700
52
54
56
58
60
windowDat
Entries 69
Mean 56.64
Std Dev 2.984

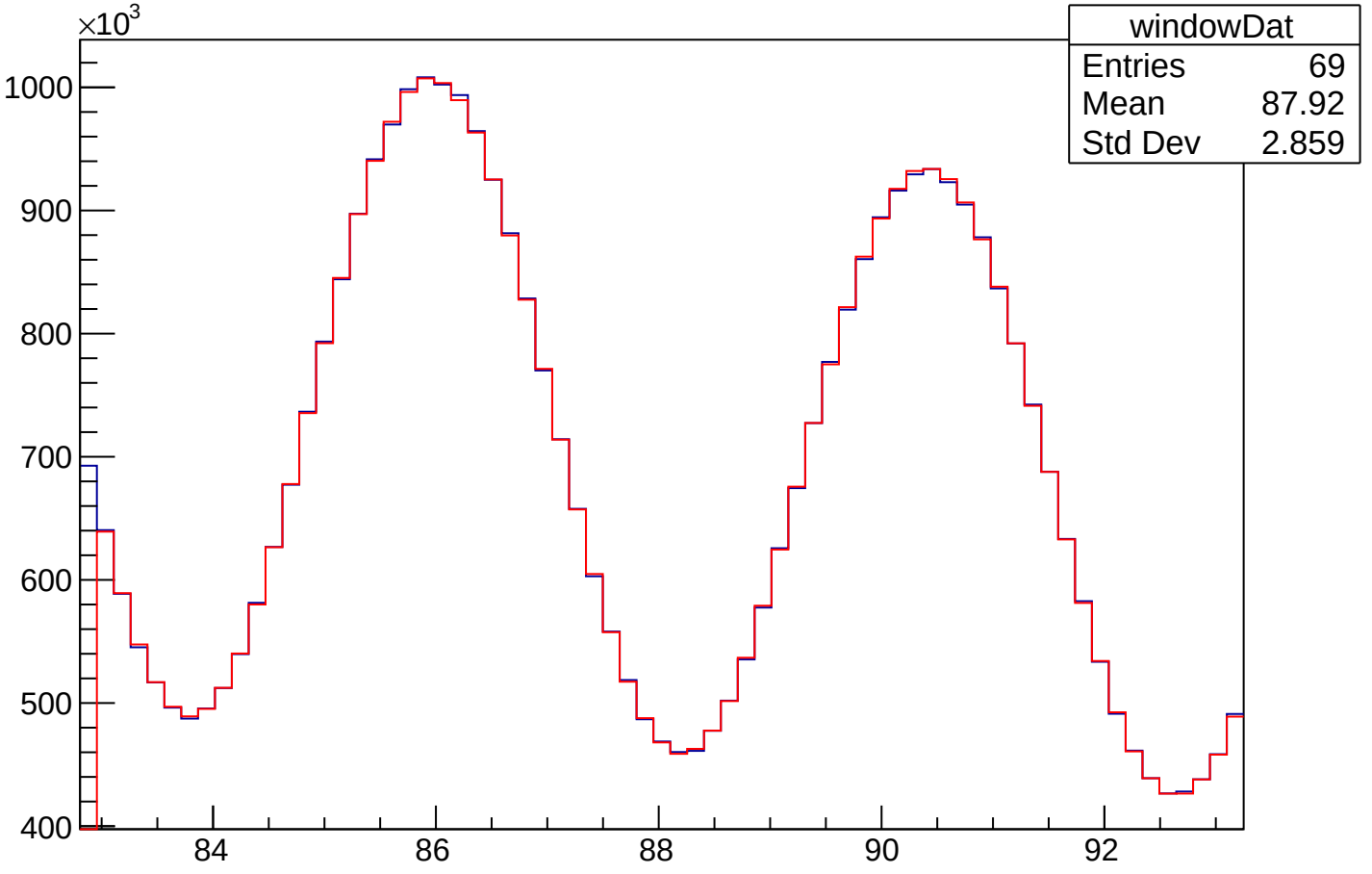

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.817e+06
Std Dev 8.96e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

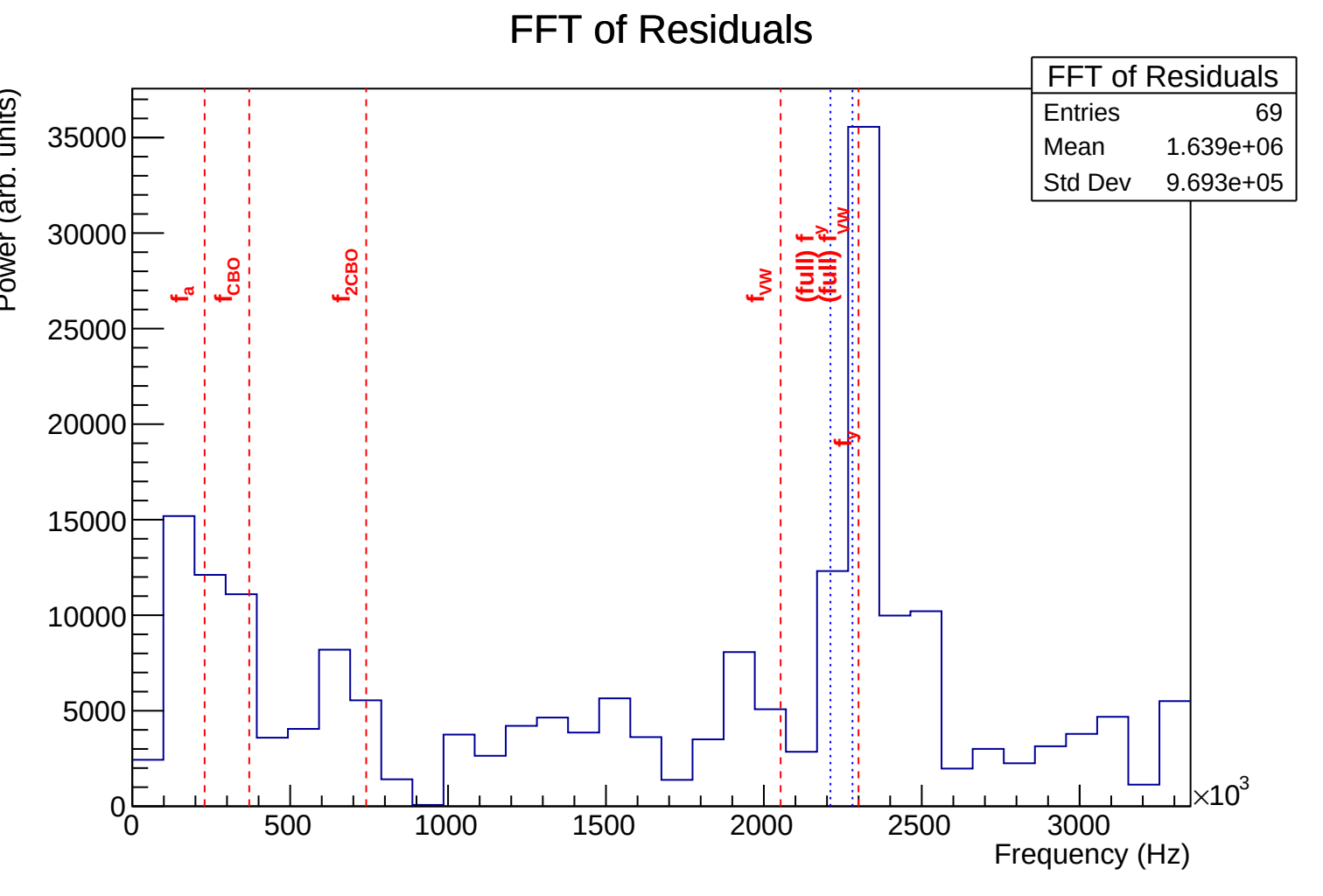

windowDat
×10^3
1400
1300
1200
1100
1000
900
800
700
600
62
64
66
68
70
72
windowDat
Entries 69
Mean 66.94
Std Dev 2.937

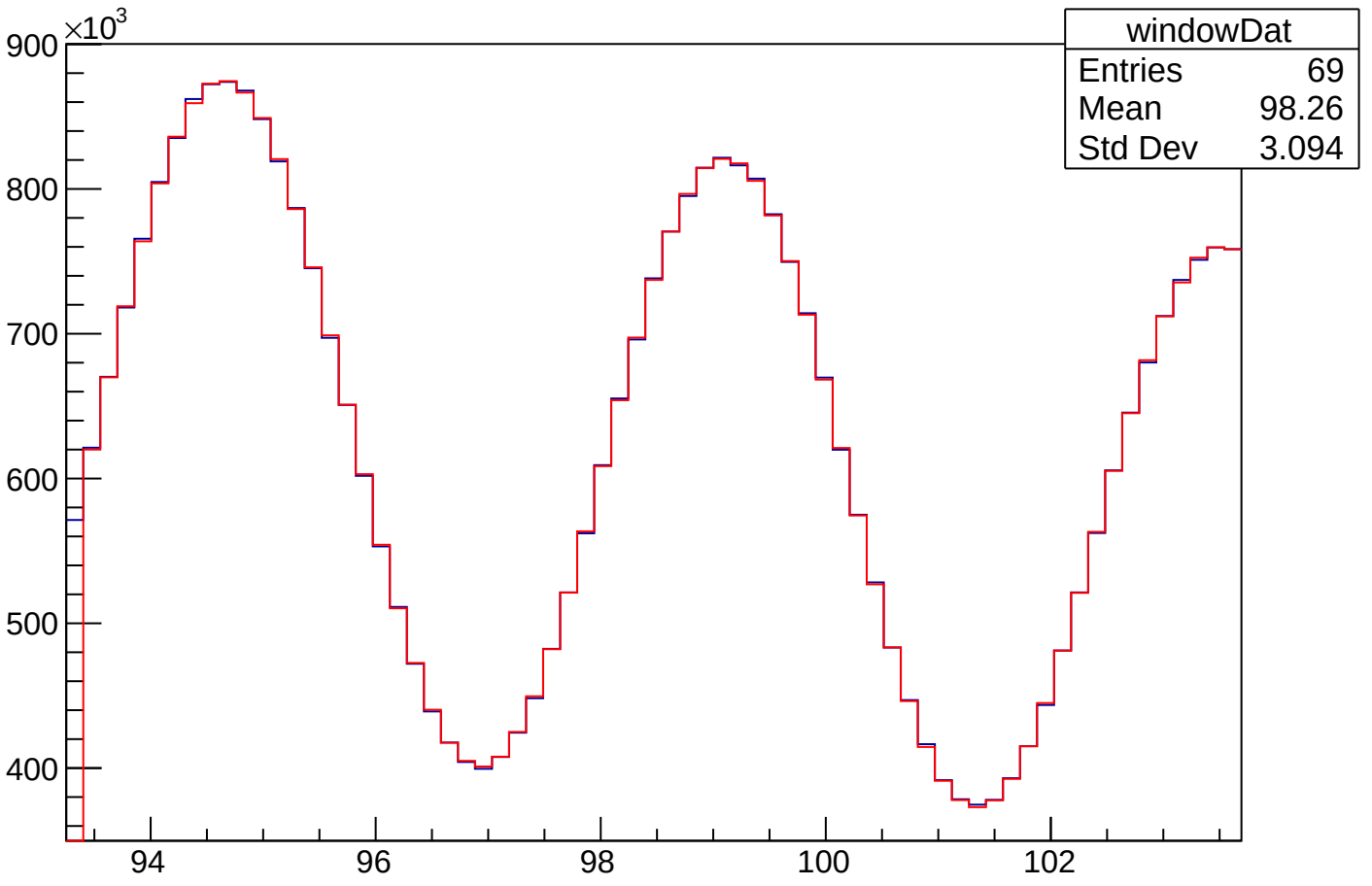

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.712e+06
Std Dev 8.849e+05
Power (arb. units)
50000
40000
30000
20000
10000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

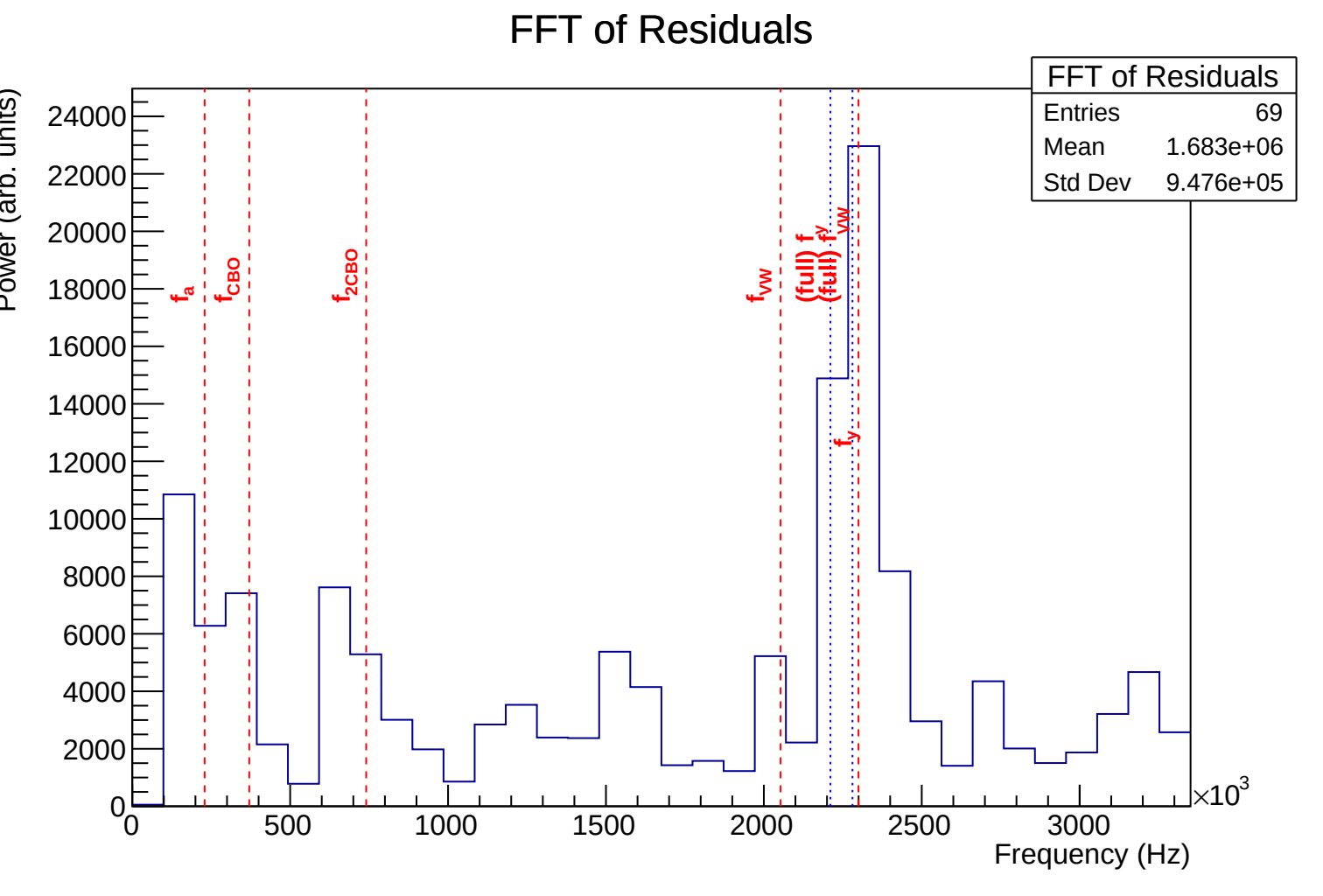

windowDat
×10^3
1200
1100
1000
900
800
700
600
500
74
76
78
80
82
windowDat
Entries 69
Mean 77.44
Std Dev 3.151

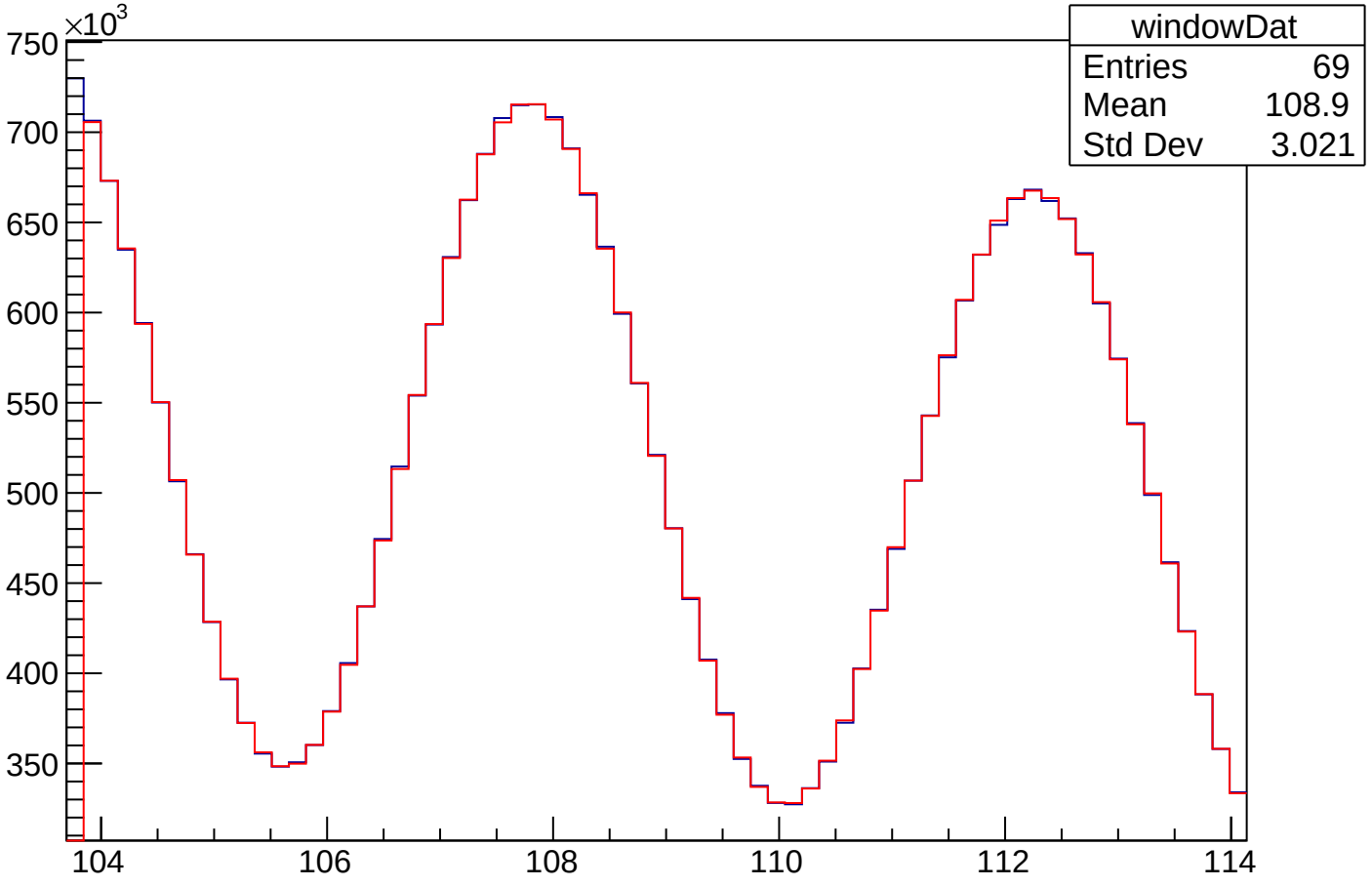

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.66e+06
Std Dev 9.716e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
5000
10000
15000
20000
25000
30000
35000
40000
0
500
1000
1500
2000
2500
3000

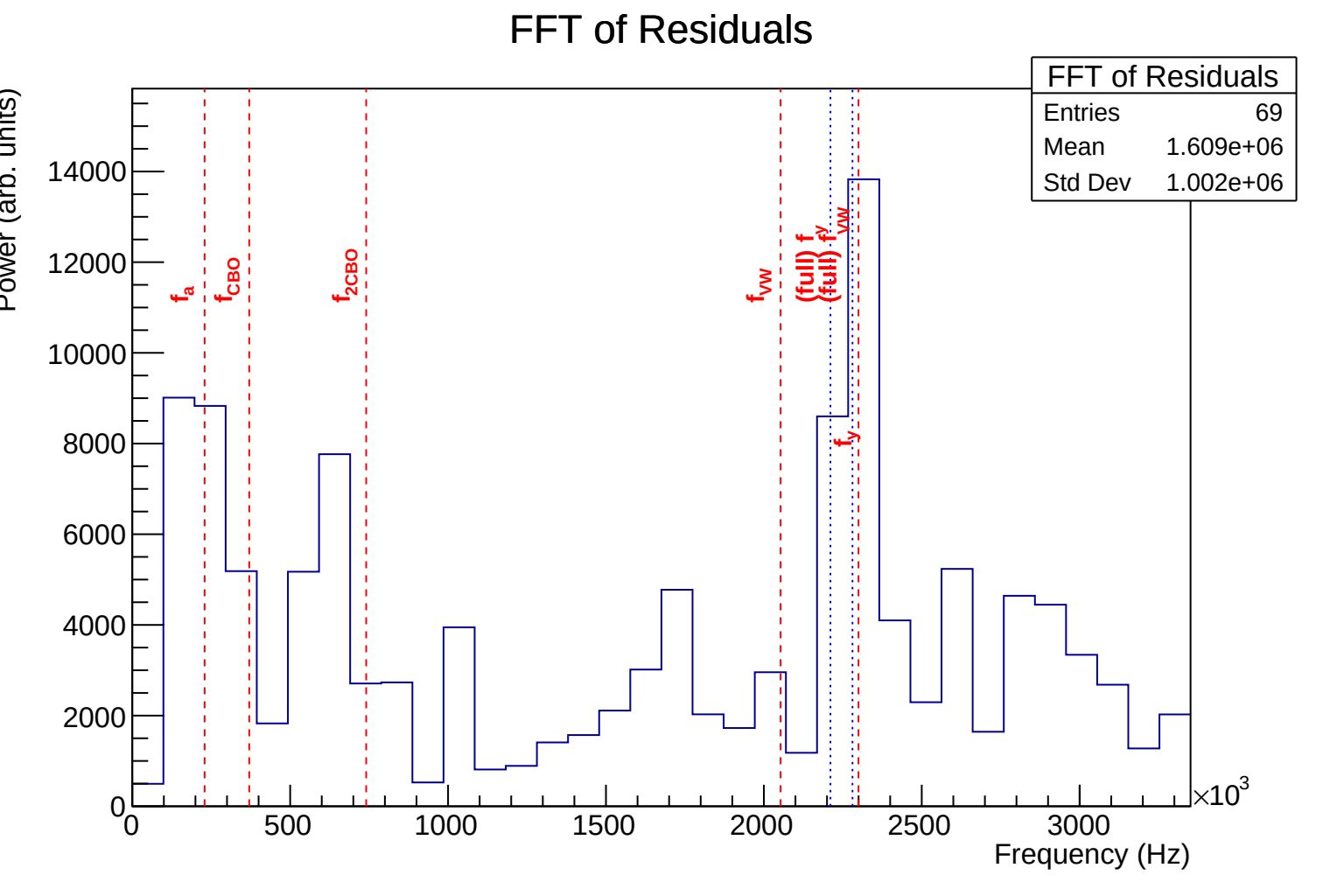

windowDat
×10^3
1000
900
800
700
600
500
400
84
86
88
90
92
windowDat
Entries 69
Mean 87.92
Std Dev 2.859

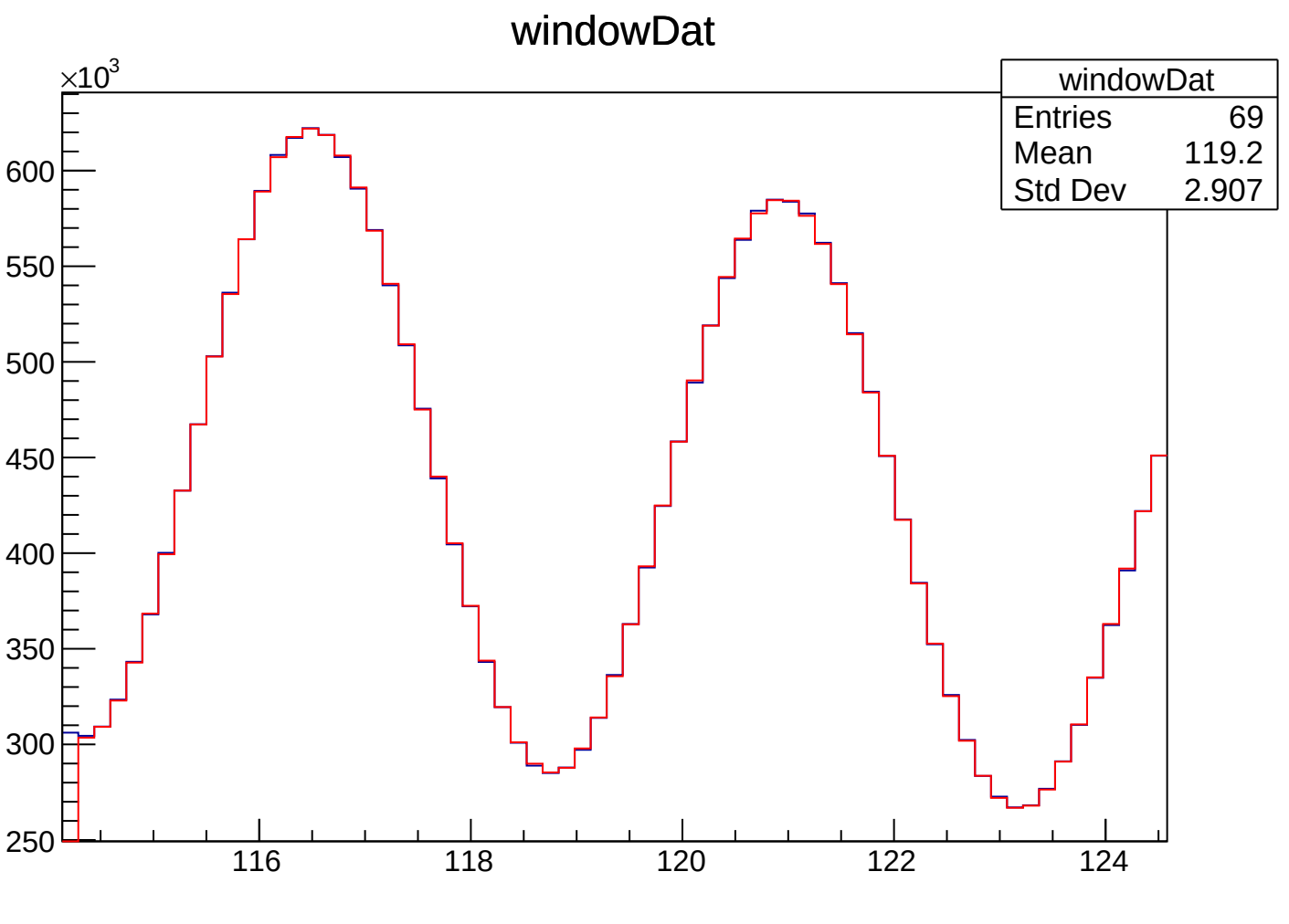

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.639e+06
Std Dev 9.693e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
5000
10000
15000
20000
25000
30000
35000
0
500
1000
1500
2000
2500
3000

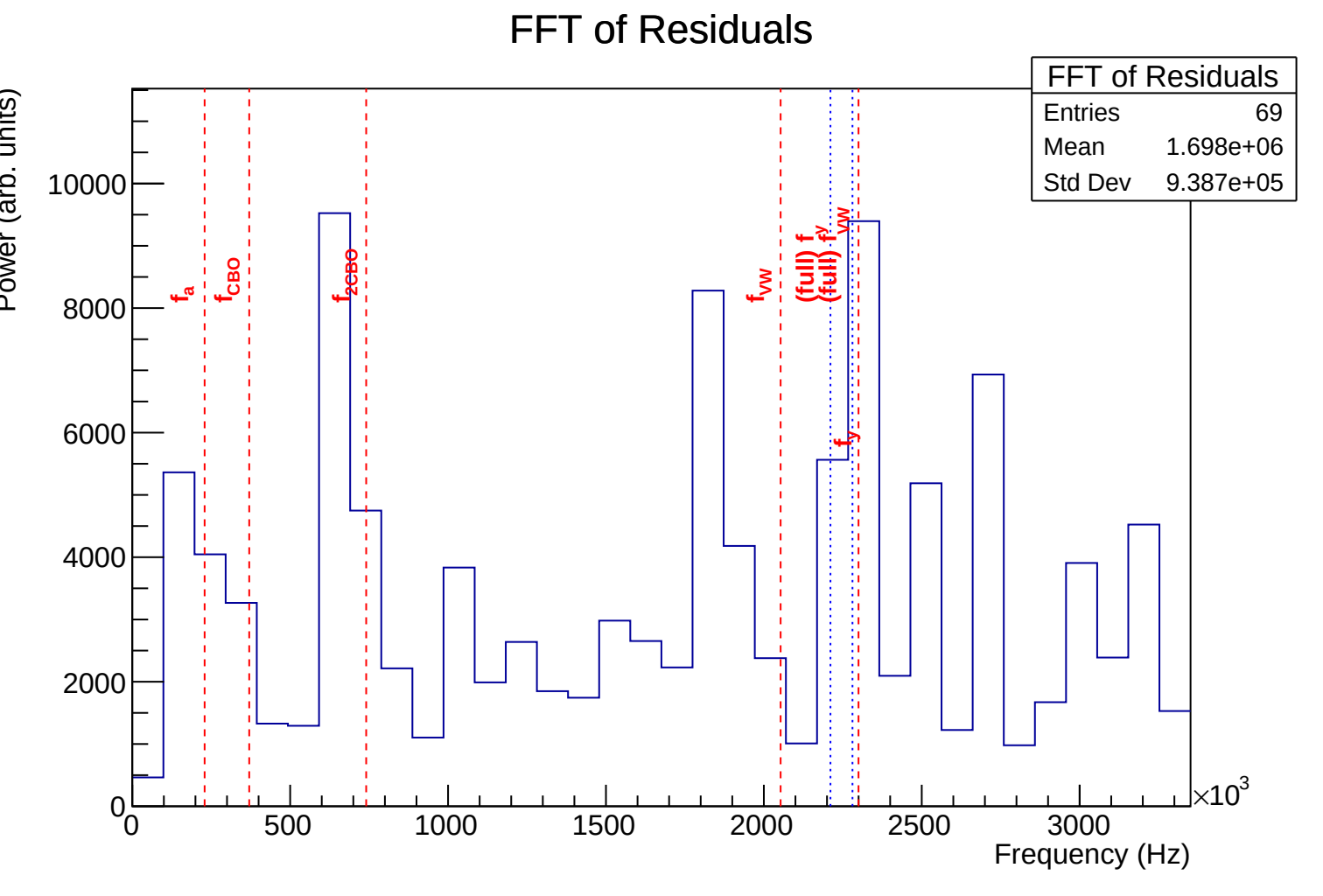

windowDat
windowDat
Entries 69
Mean 98.26
Std Dev 3.094
×10^3
900
800
700
600
500
400
94
96
98
100
102

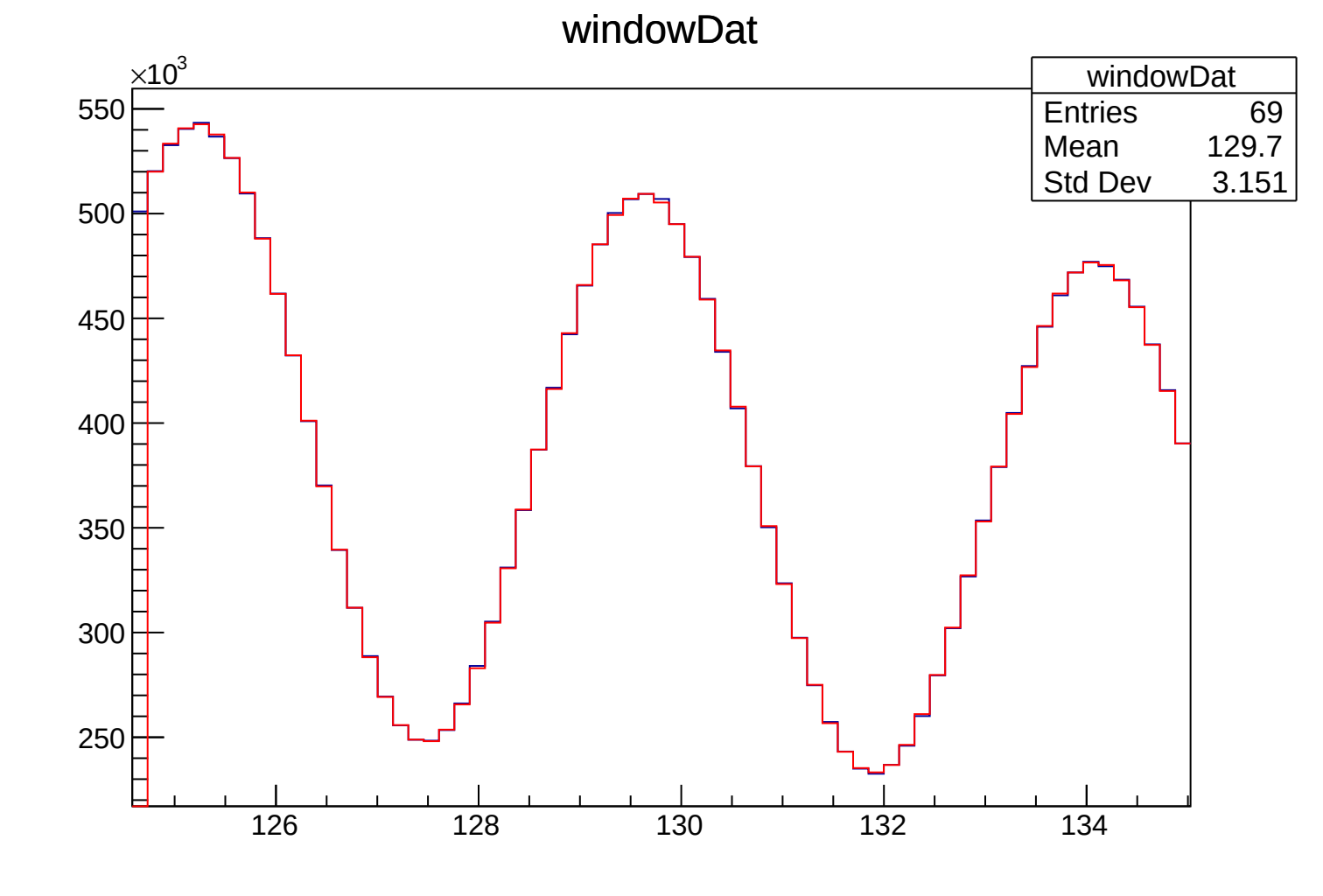

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.683e+06
Std Dev 9.476e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f
⟨full⟩ f_y
f_VW
f_y

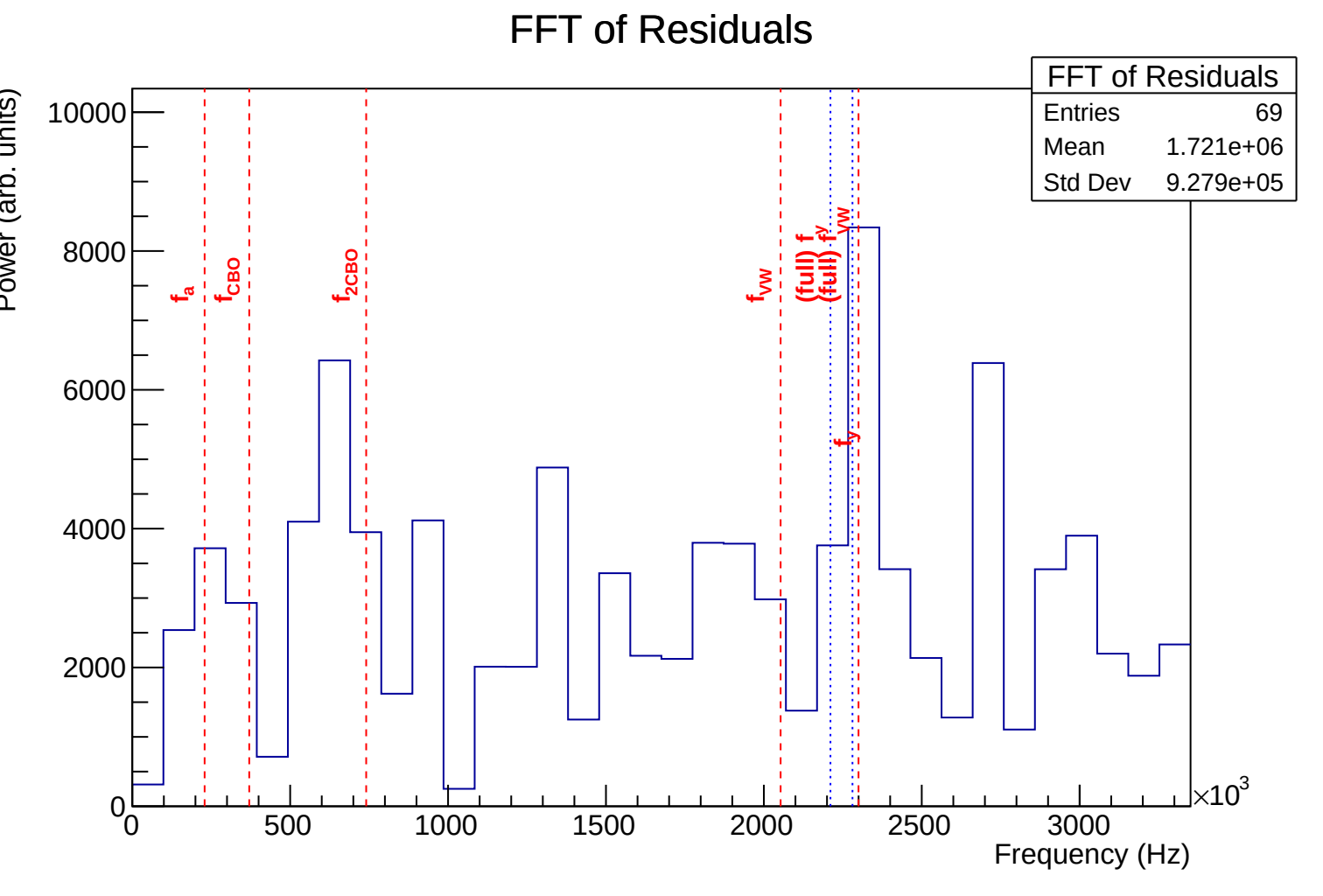

windowDat
×10^3
750
700
650
600
550
500
450
400
350
104
106
108
110
112
114
windowDat
Entries 69
Mean 108.9
Std Dev 3.021

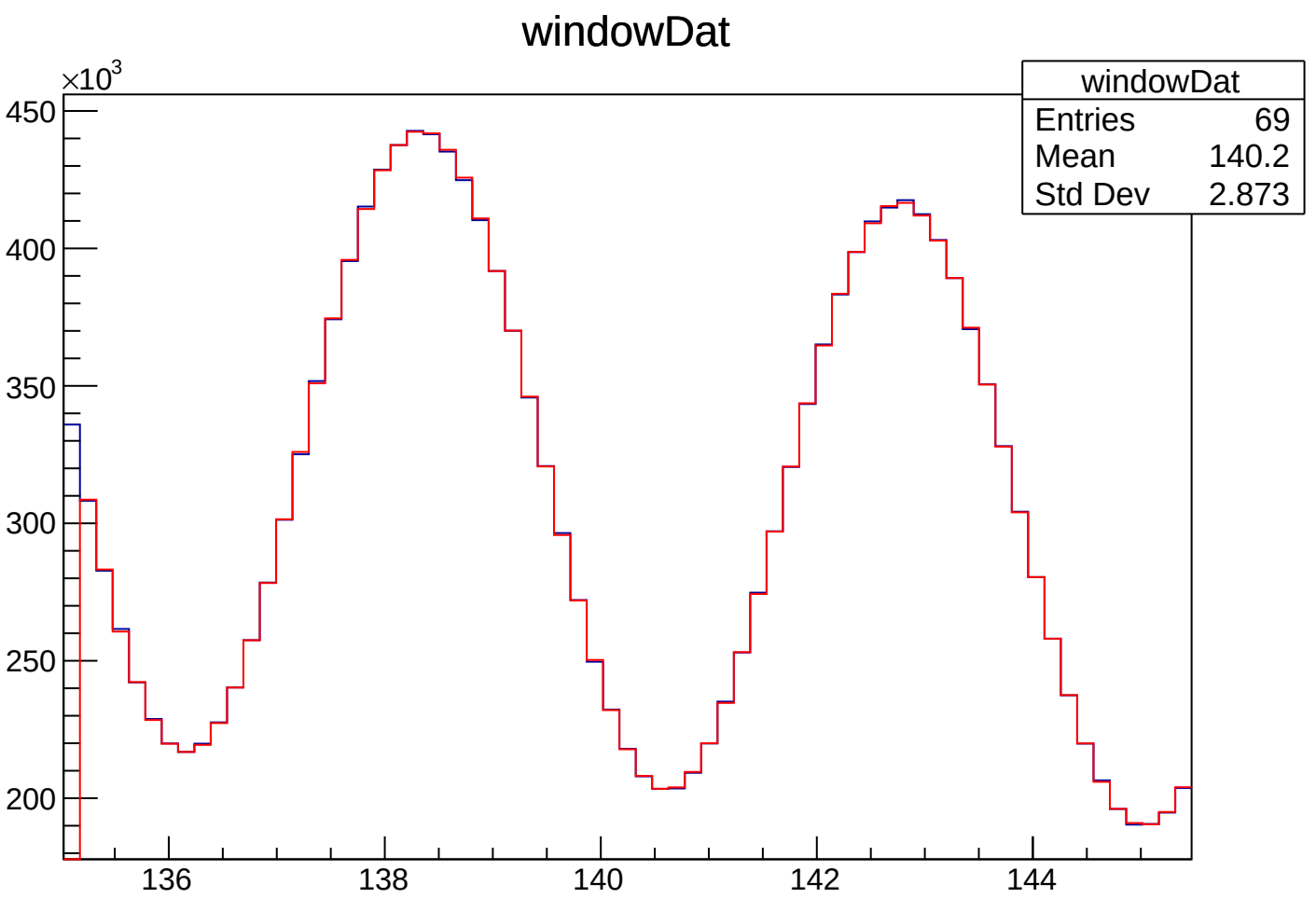

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.609e+06
Std Dev 1.002e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
2000
4000
6000
8000
10000
12000
14000
0
500
1000
1500
2000
2500
3000

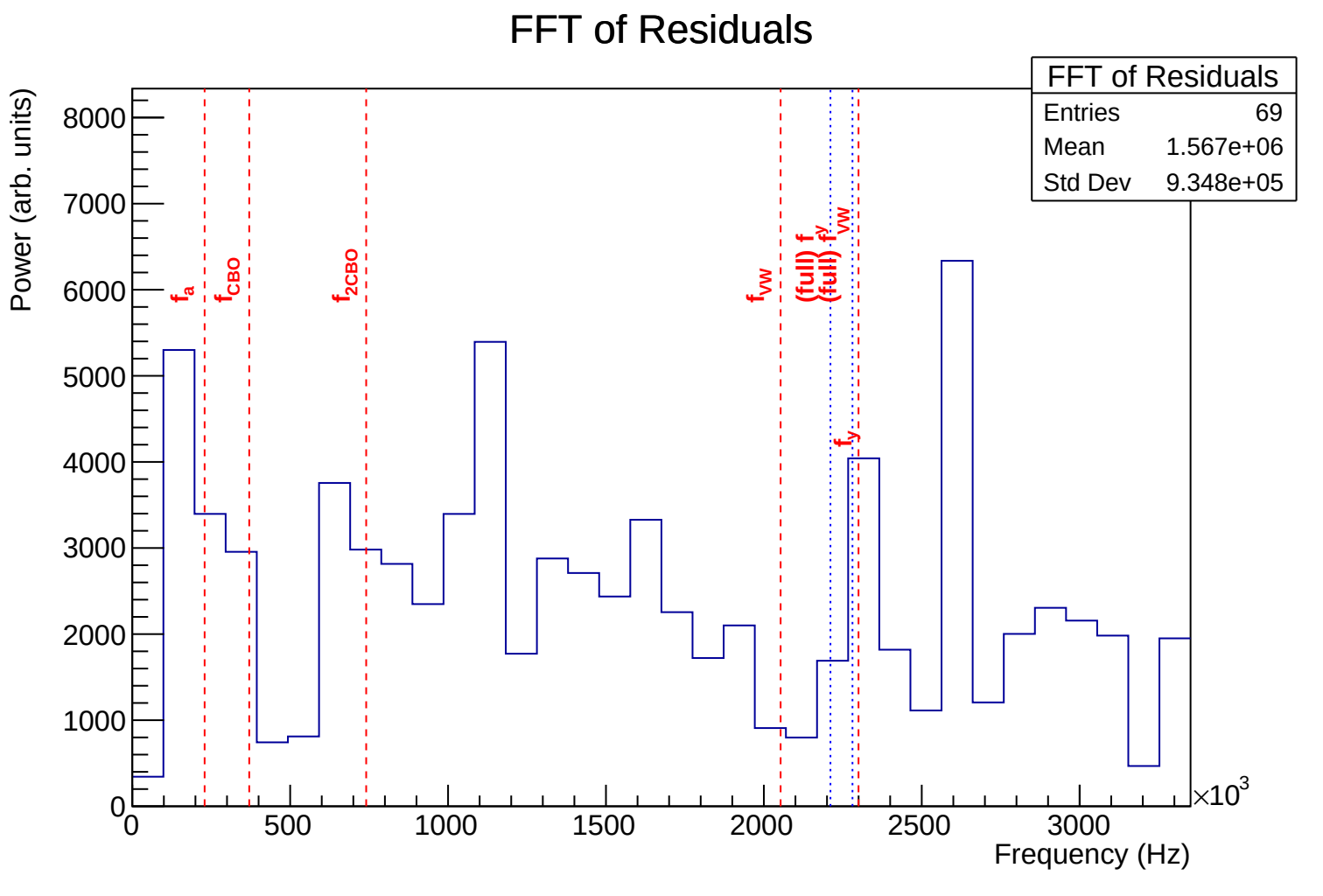

windowDat
×10^3
600
550
500
450
400
350
300
250
116
118
120
122
124
windowDat
Entries 69
Mean 119.2
Std Dev 2.907

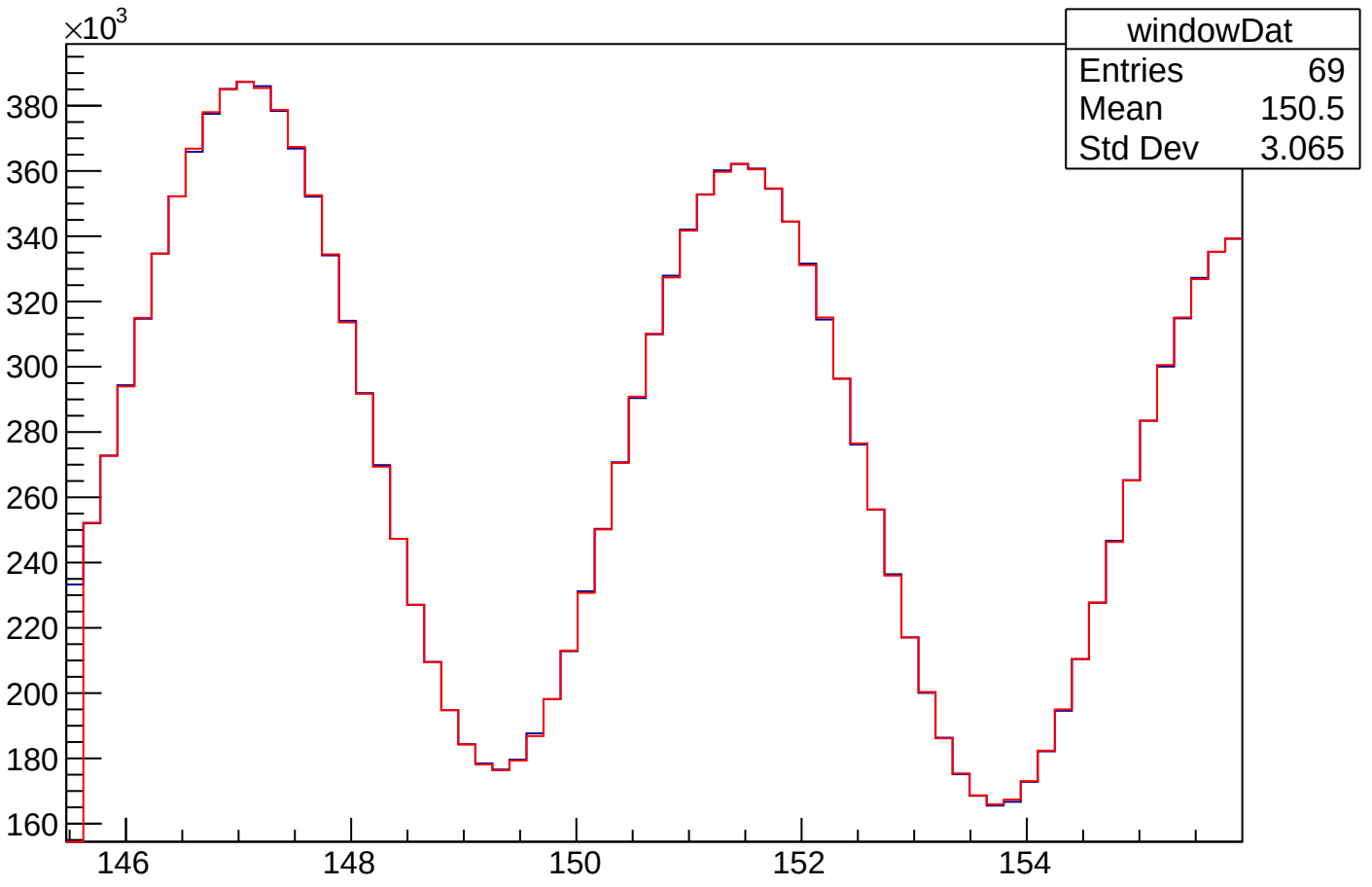

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.698e+06
Std Dev 9.387e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y,VW
f_y
0
2000
4000
6000
8000
10000
0
500
1000
1500
2000
2500
3000

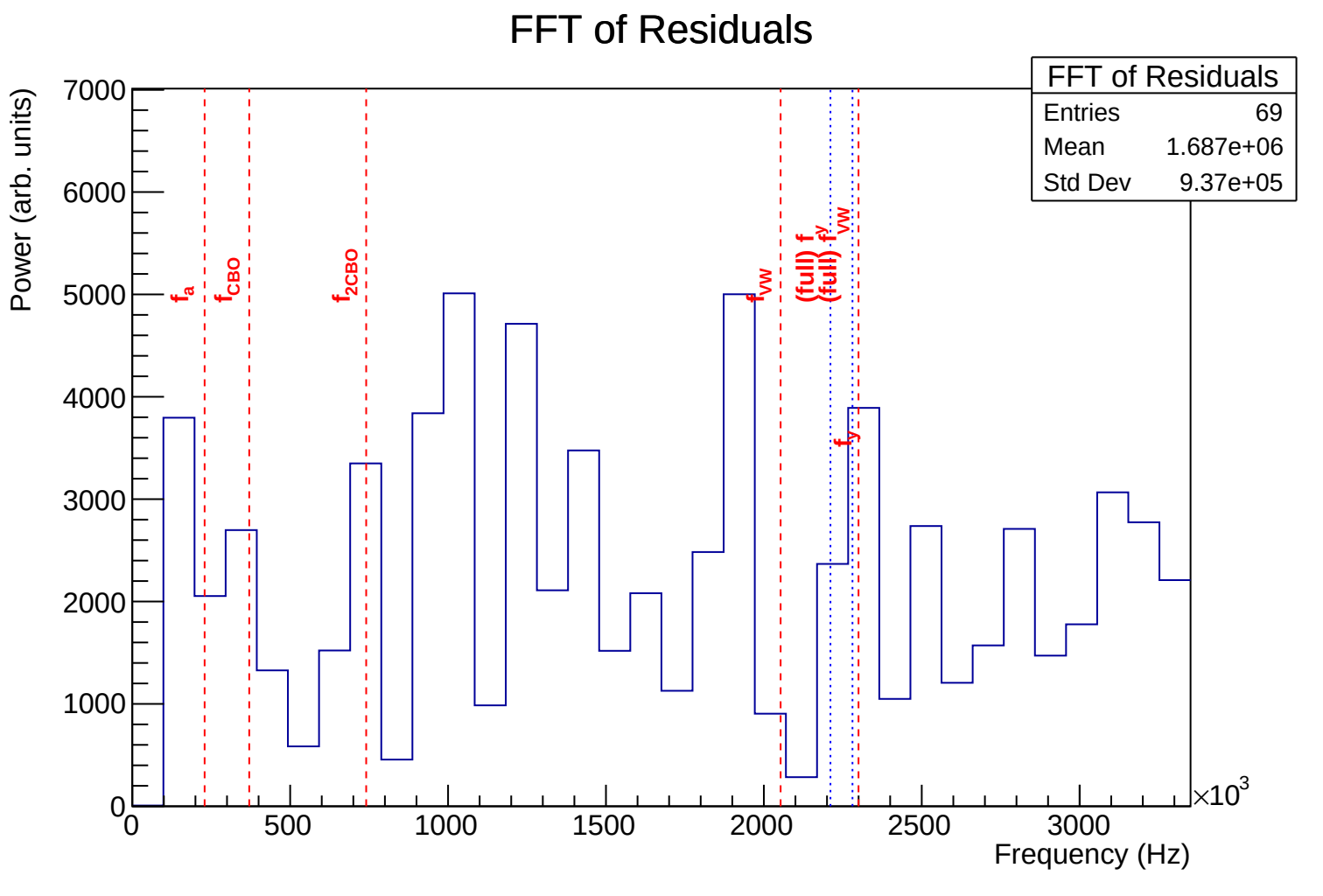

windowDat
×10^3
550
500
450
400
350
300
250
126
128
130
132
134
windowDat
Entries 69
Mean 129.7
Std Dev 3.151

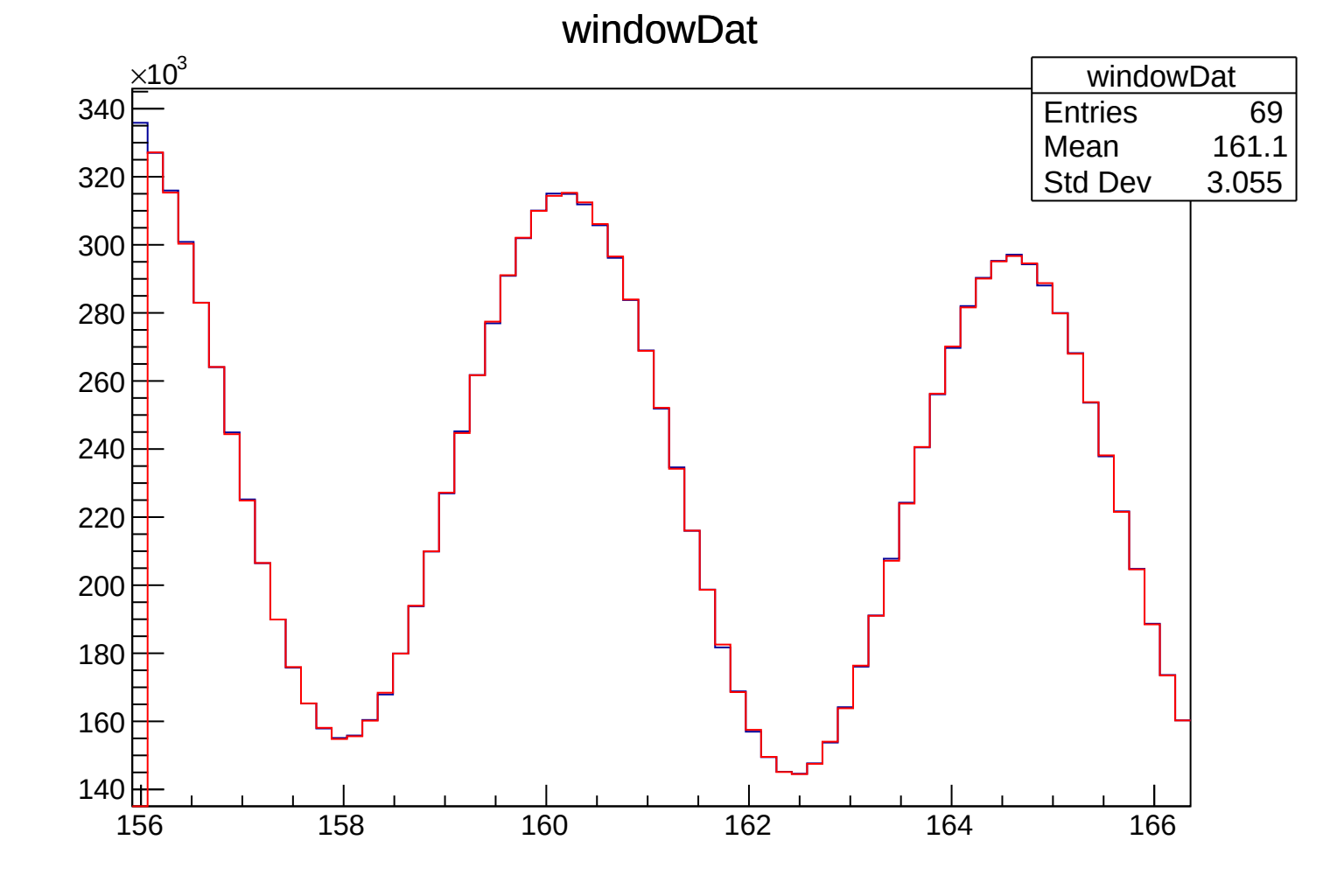

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.721e+06
Std Dev 9.279e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
2000
4000
6000
8000
10000
0
500
1000
1500
2000
2500
3000

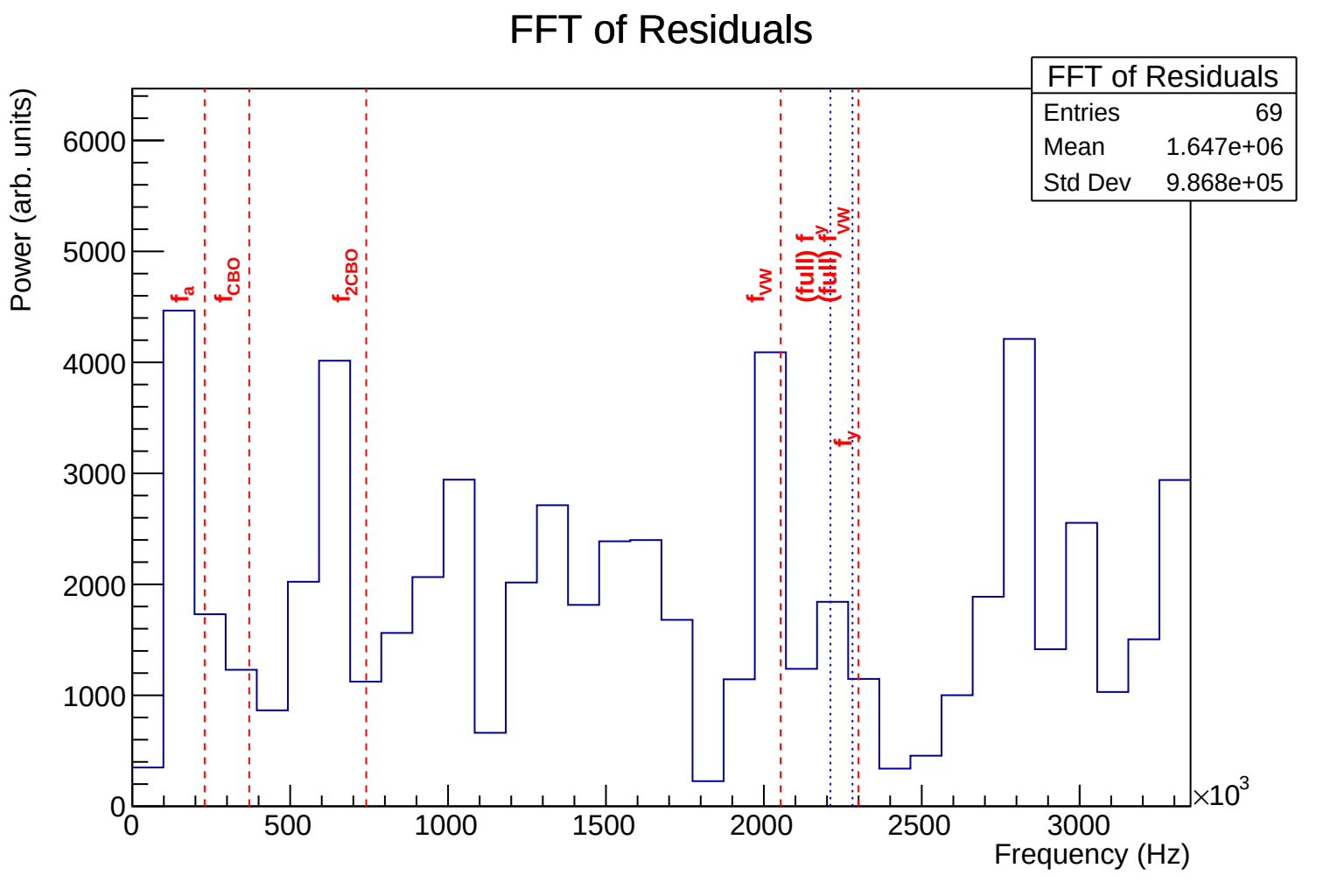

windowDat
×10^3
450
400
350
300
250
200
136
138
140
142
144
windowDat
Entries 69
Mean 140.2
Std Dev 2.873

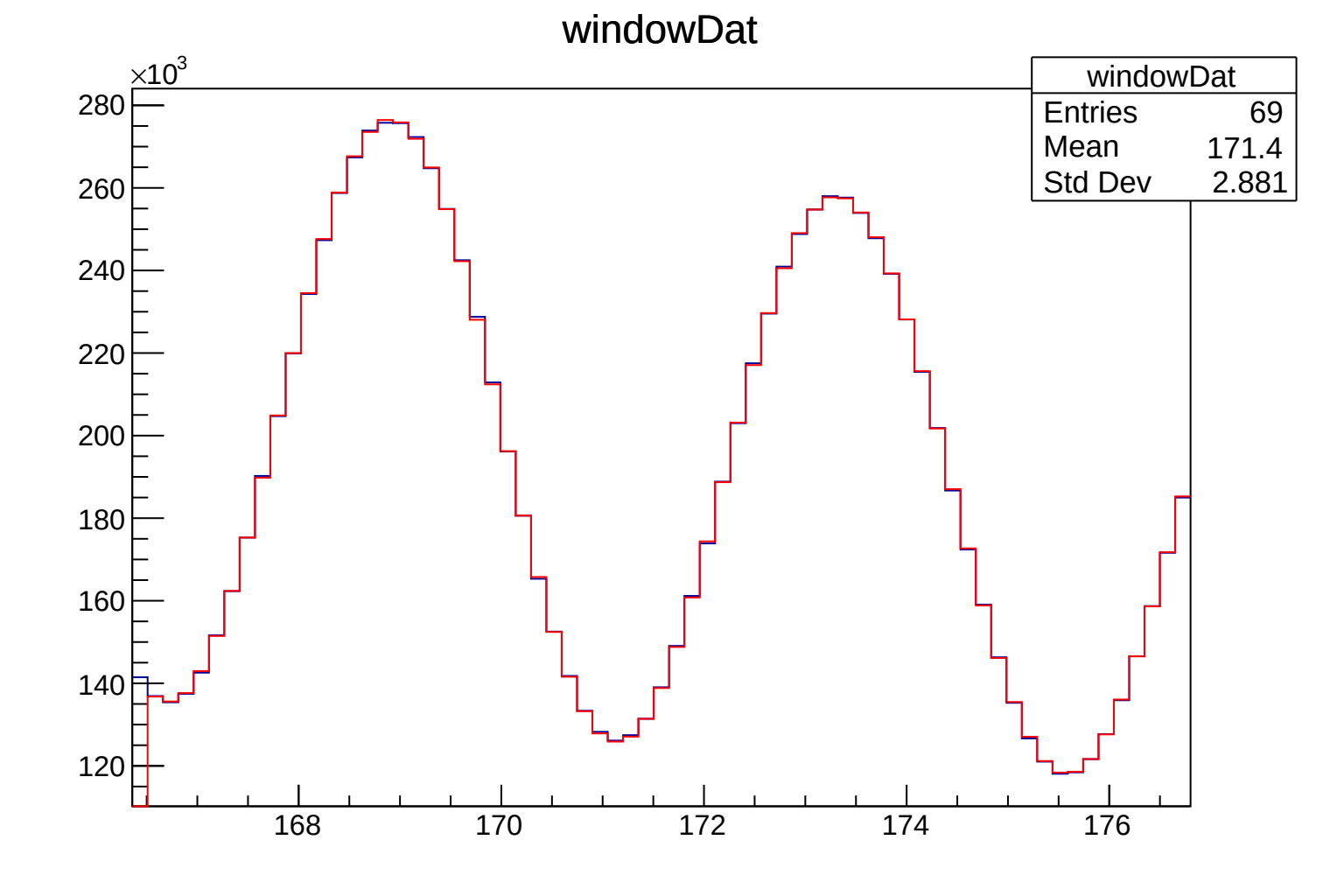

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.567e+06
Std Dev 9.348e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000
7000
8000

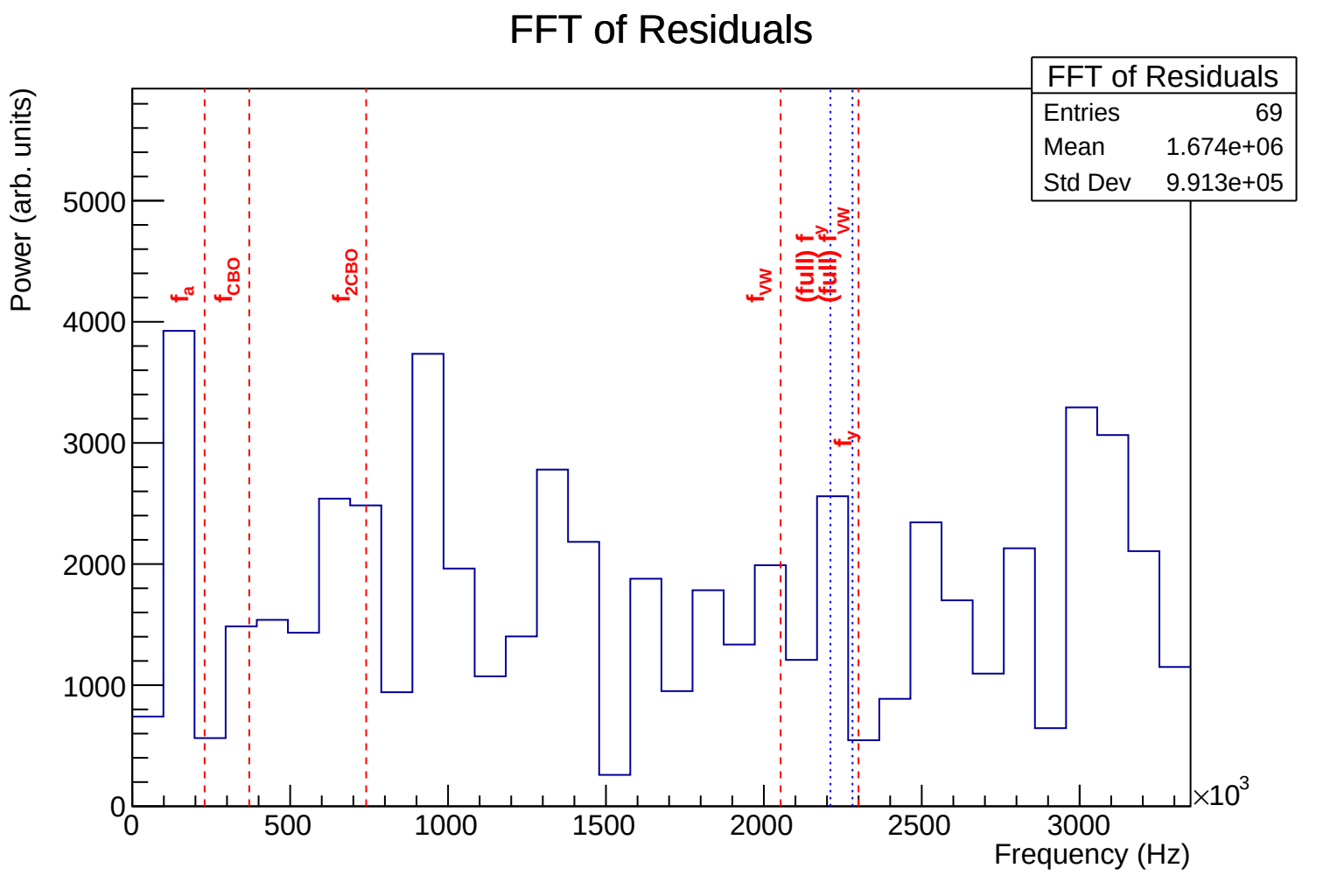

windowDat
×10^3
380
360
340
320
300
280
260
240
220
200
180
160
146
148
150
152
154
windowDat
Entries 69
Mean 150.5
Std Dev 3.065


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.687e+06
Std Dev 9.37e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y VW
f_y

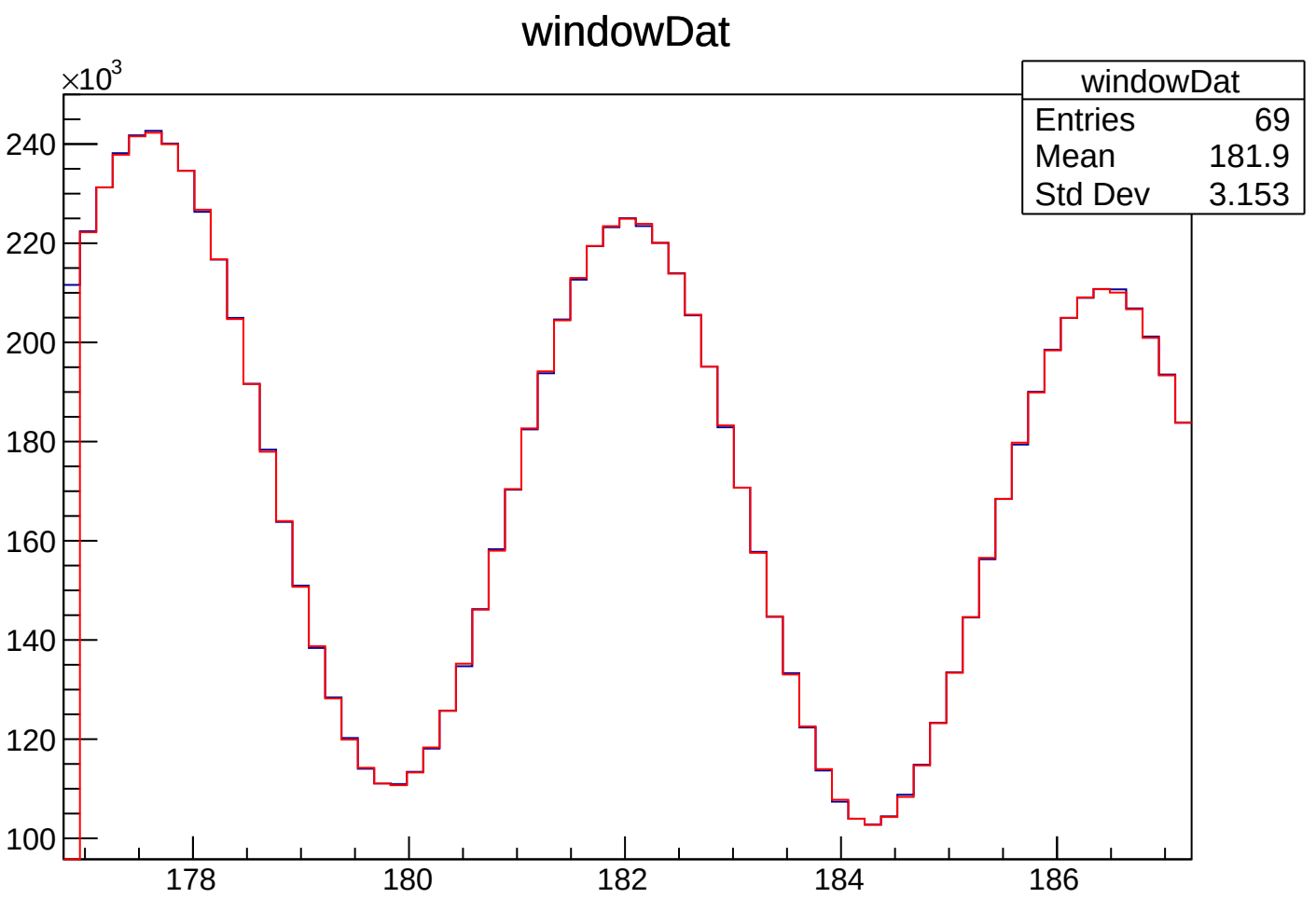

windowDat
windowDat
Entries 69
Mean 161.1
Std Dev 3.055
×10^3
340
320
300
280
260
240
220
200
180
160
140
156
158
160
162
164
166

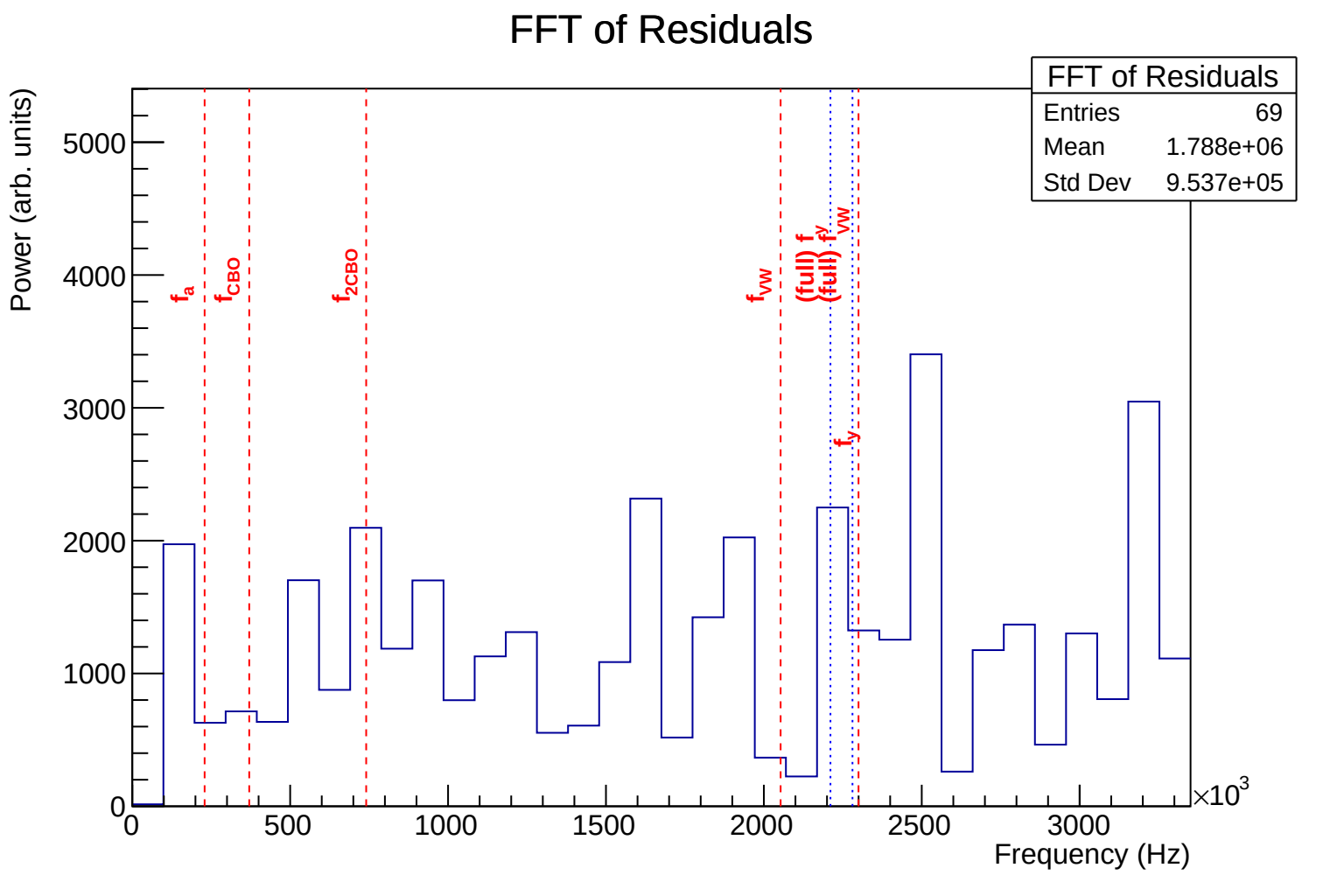

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.647e+06
Std Dev 9.868e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
1000
2000
3000
4000
5000
6000
0
500
1000
1500
2000
2500
3000

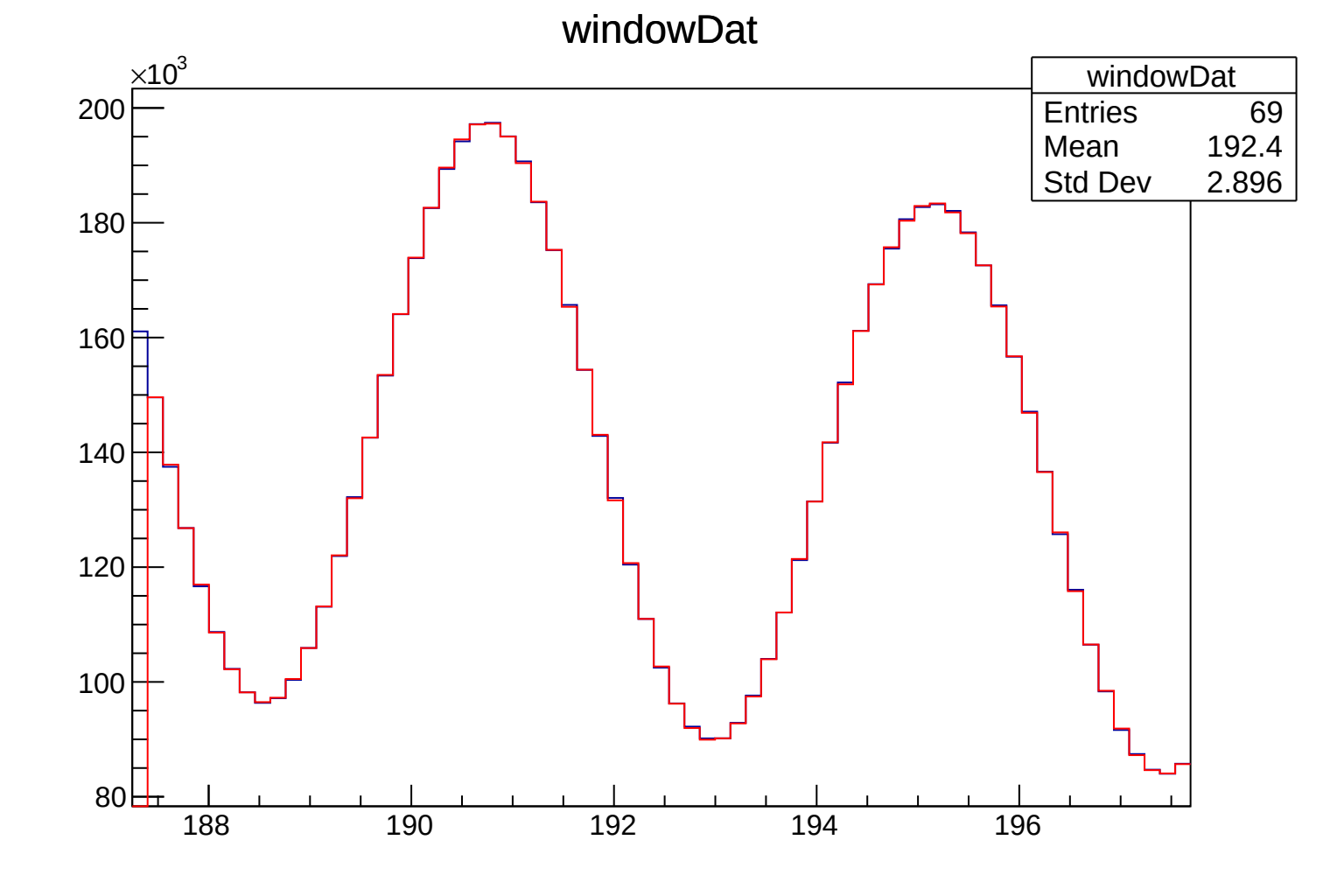

windowDat
×10^3
280
260
240
220
200
180
160
140
120
168
170
172
174
176
windowDat
Entries 69
Mean 171.4
Std Dev 2.881

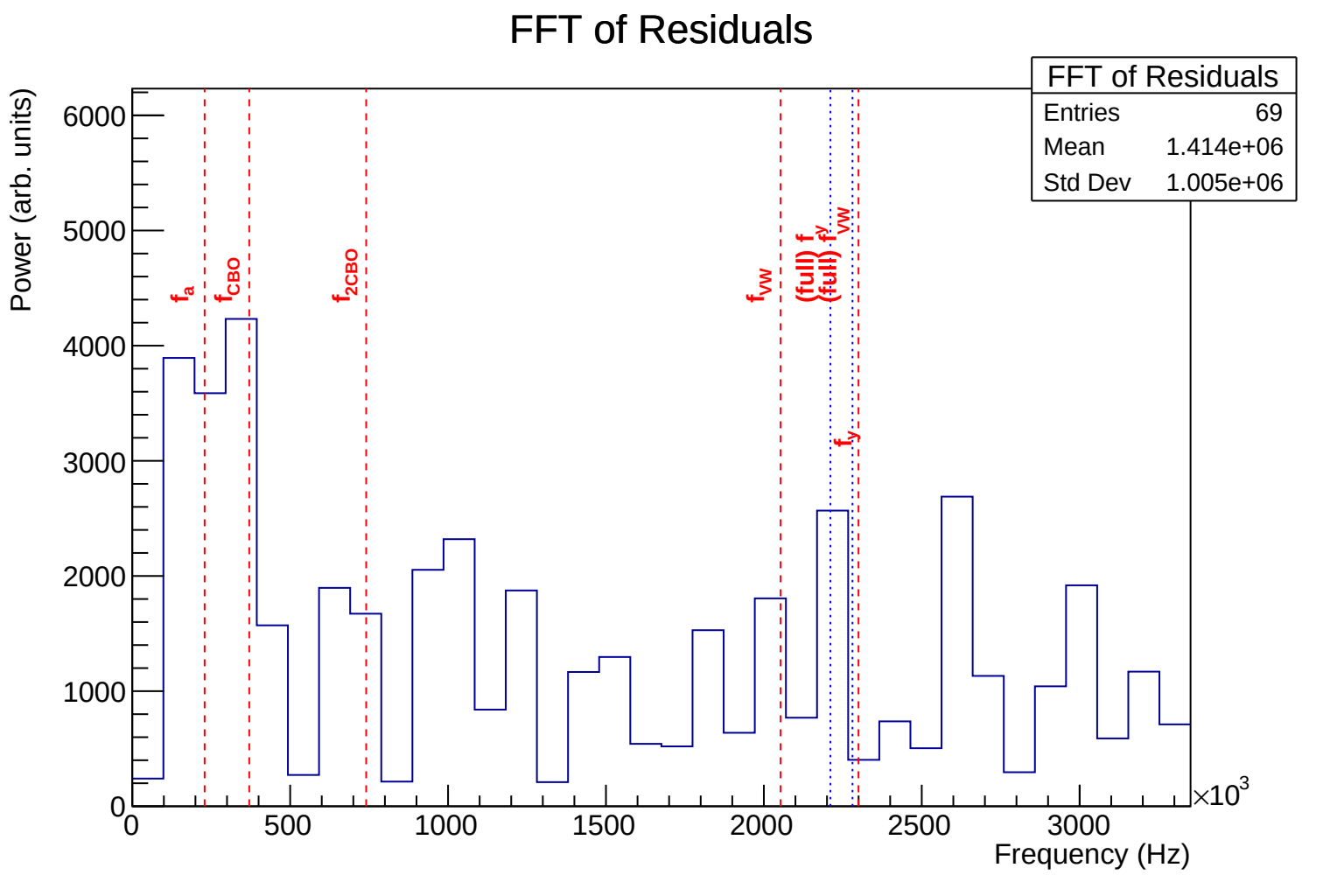


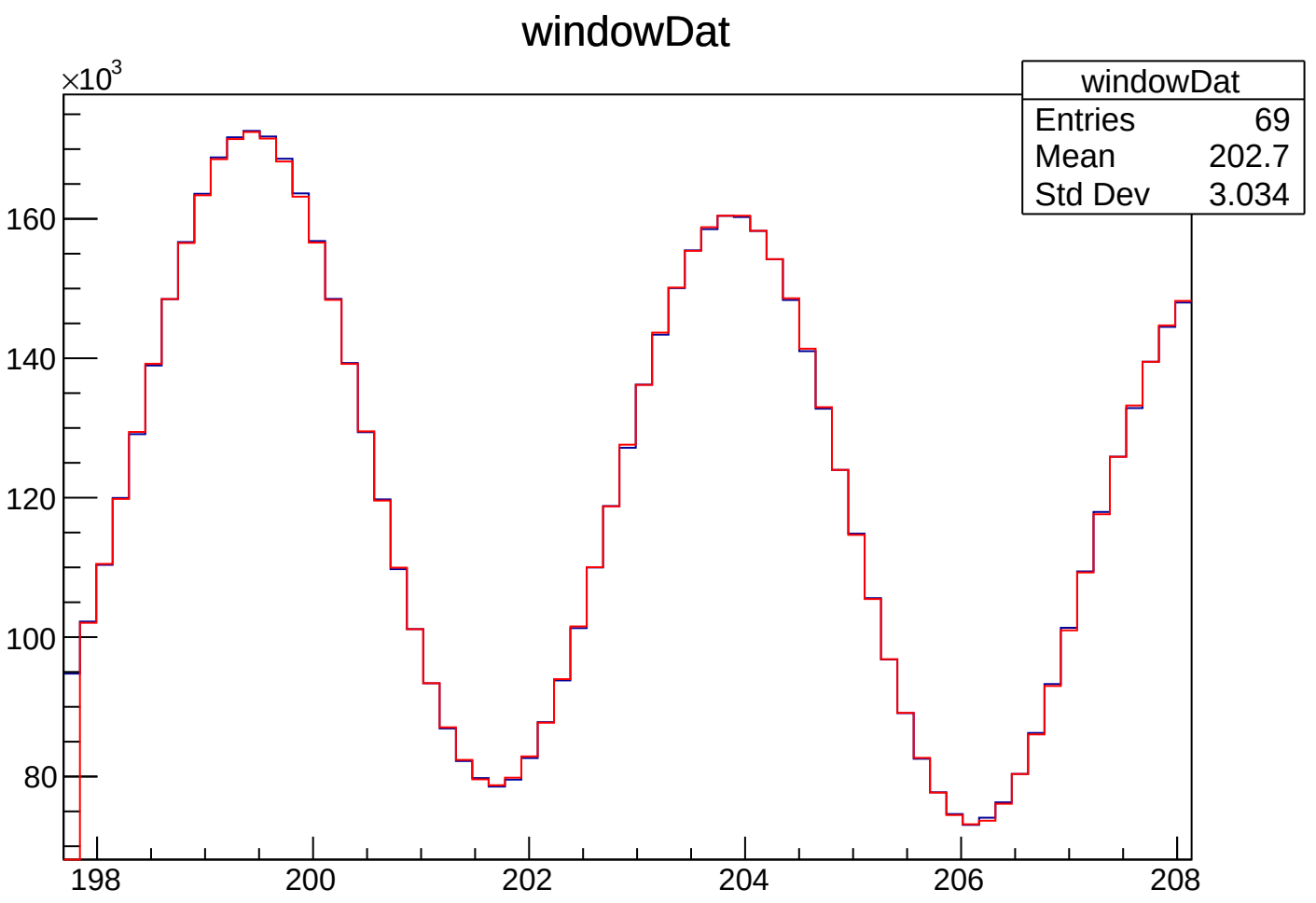
FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.674e+06
Std Dev 9.913e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

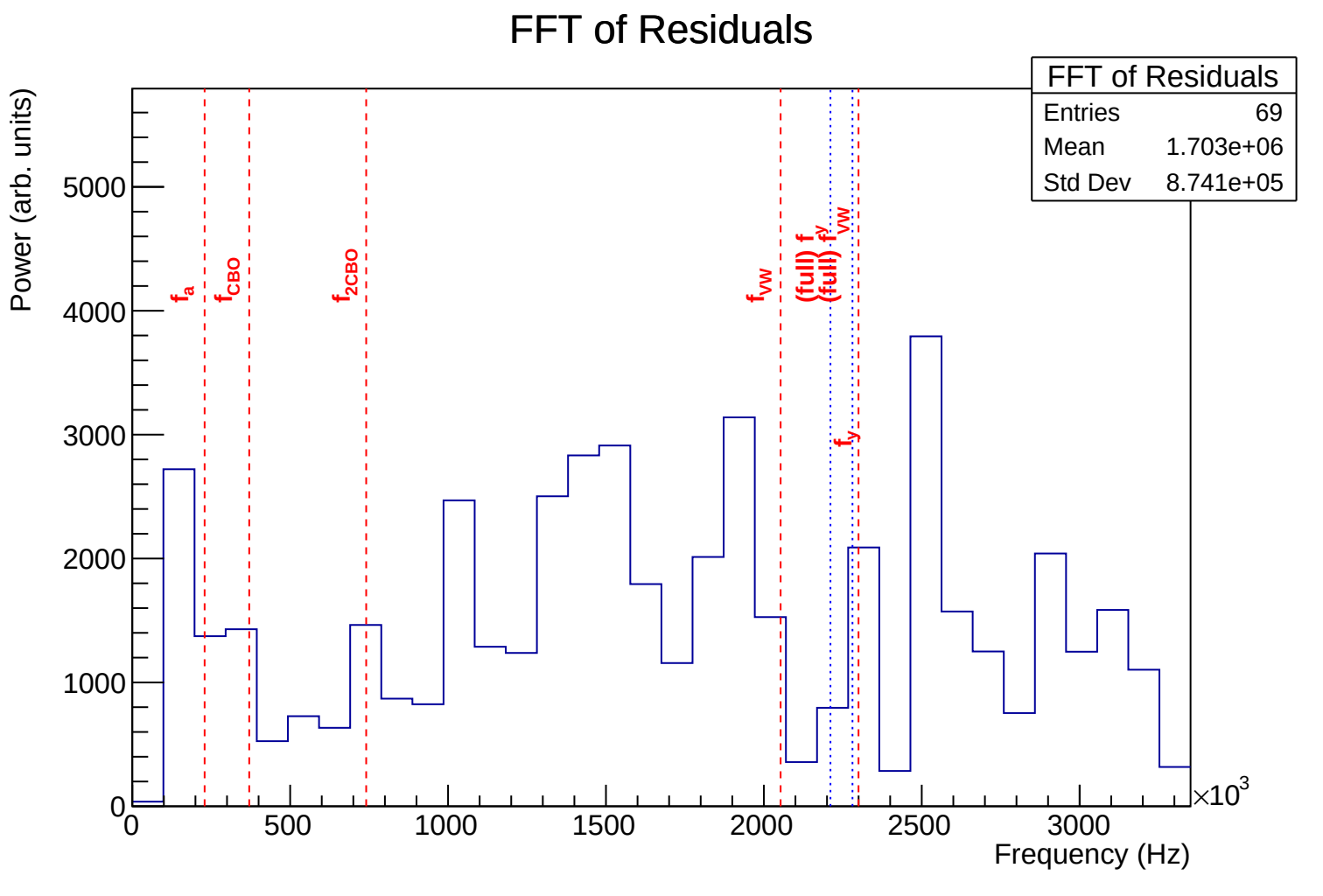

windowDat
×10^3
240
220
200
180
160
140
120
100
178
180
182
184
186
windowDat
Entries 69
Mean 181.9
Std Dev 3.153

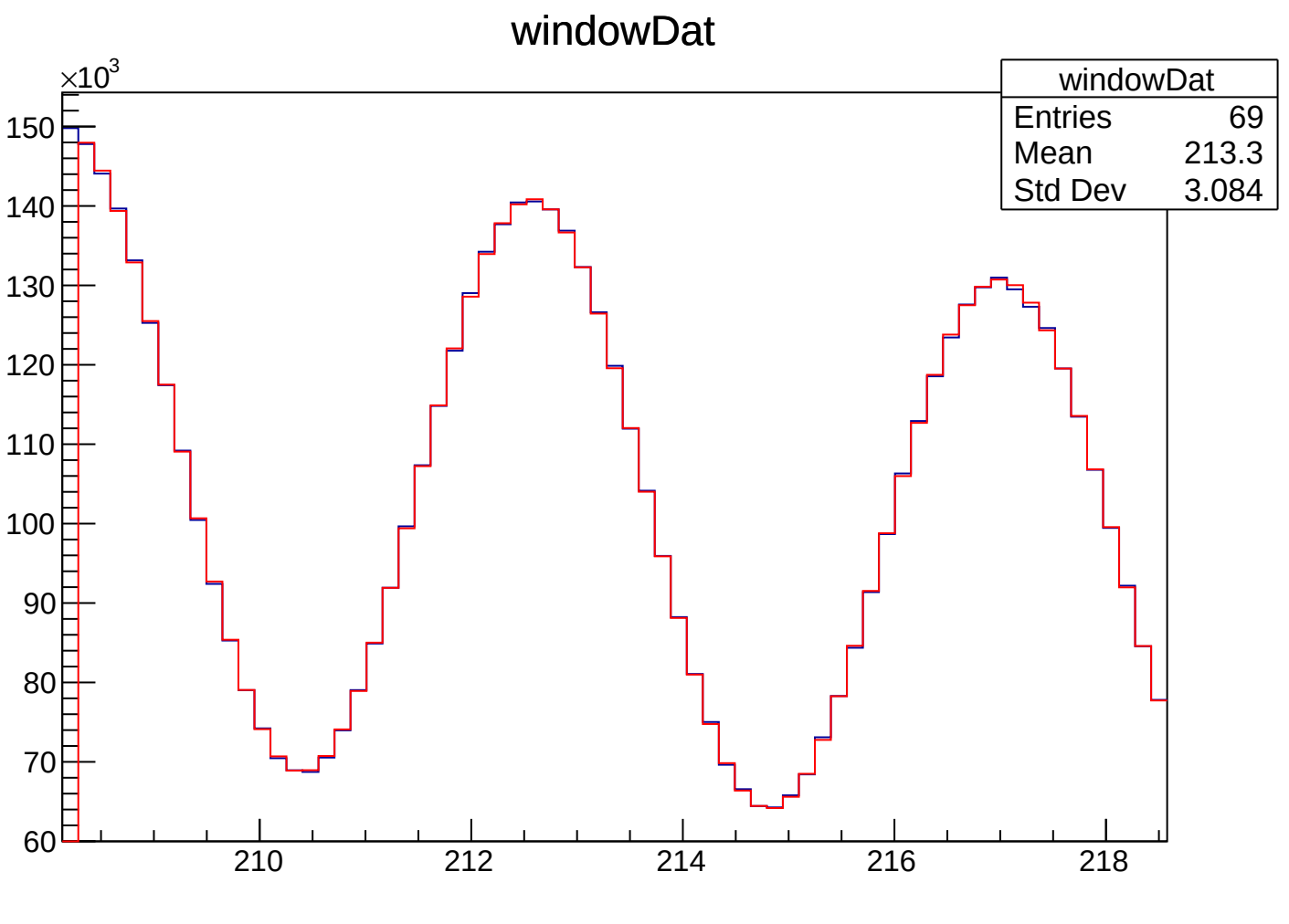

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.788e+06
Std Dev 9.537e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

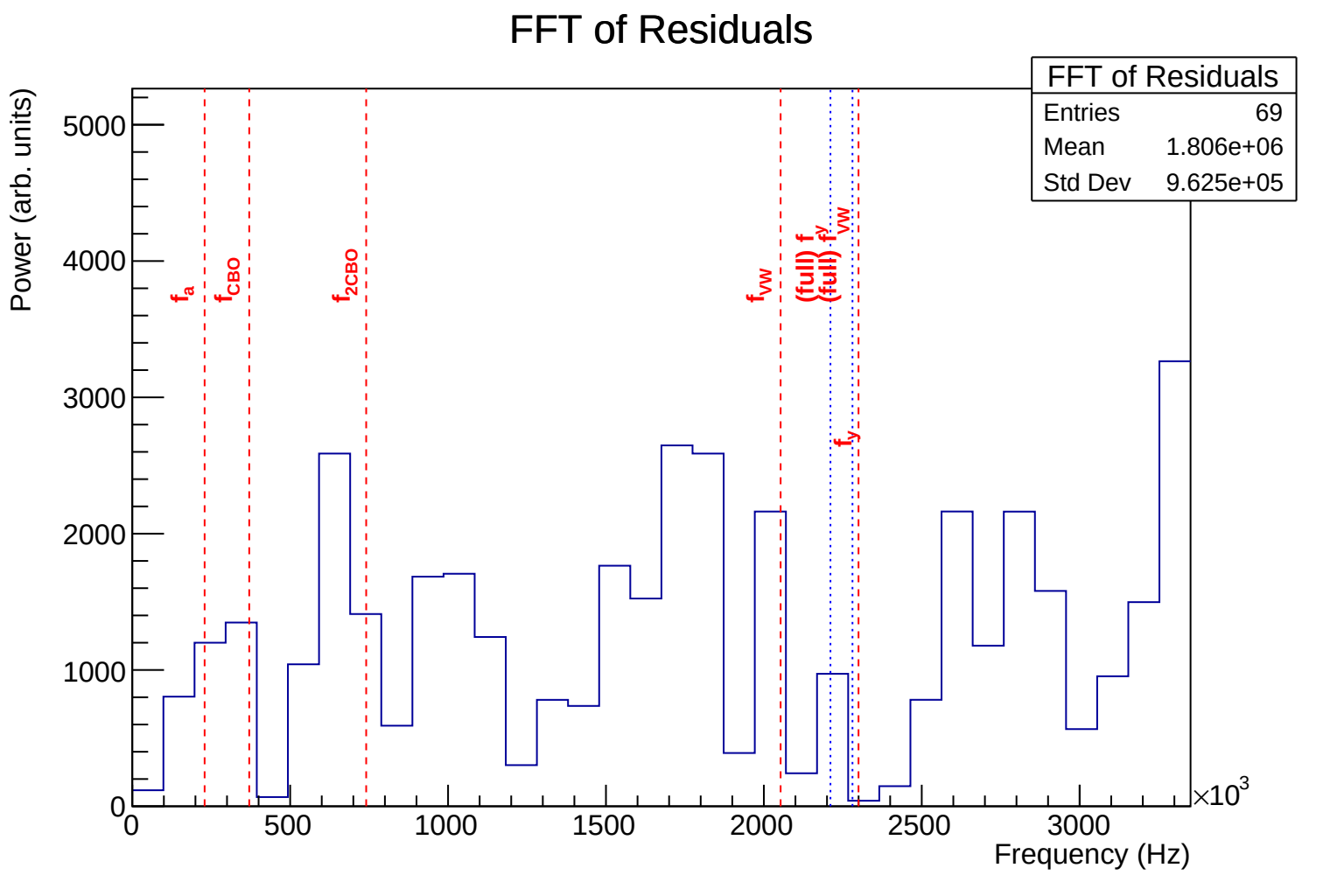

windowDat
×10^3
200
180
160
140
120
100
80
188
190
192
194
196
windowDat
Entries 69
Mean 192.4
Std Dev 2.896

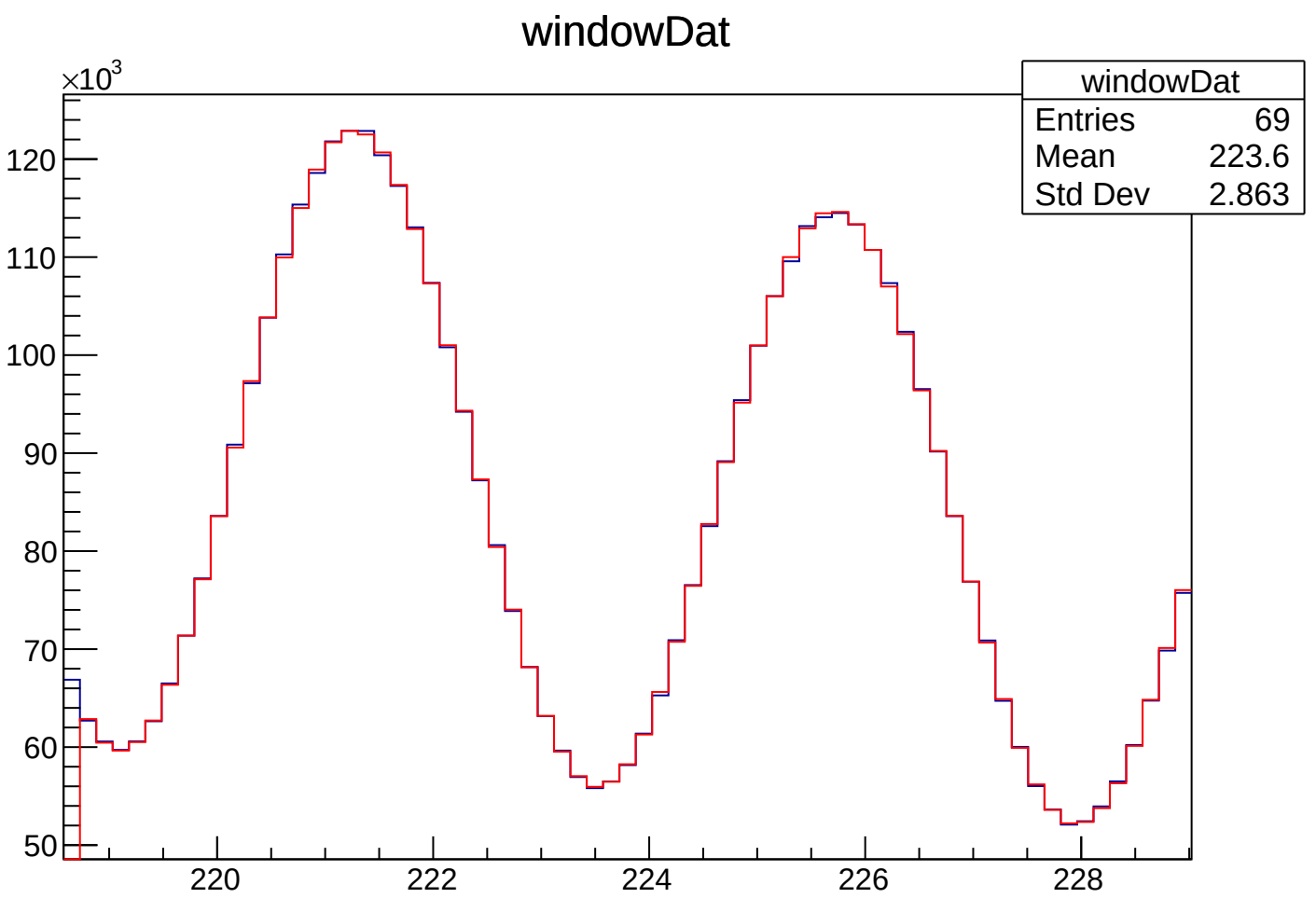

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.414e+06
Std Dev 1.005e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
1000
2000
3000
4000
5000
6000
0
500
1000
1500
2000
2500
3000

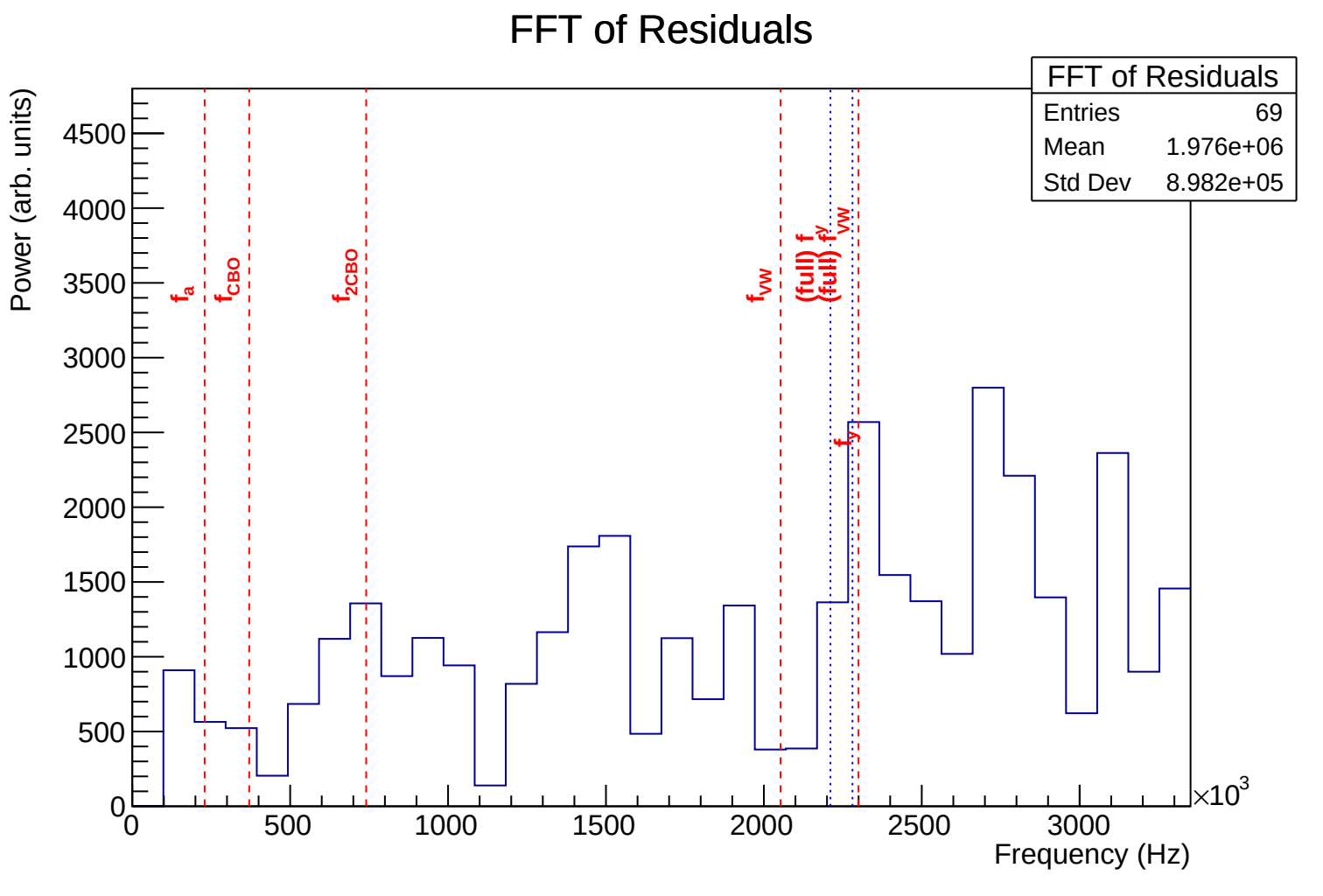

windowDat
×10^3
windowDat
Entries 69
Mean 202.7
Std Dev 3.034
160
140
120
100
80
198
200
202
204
206
208

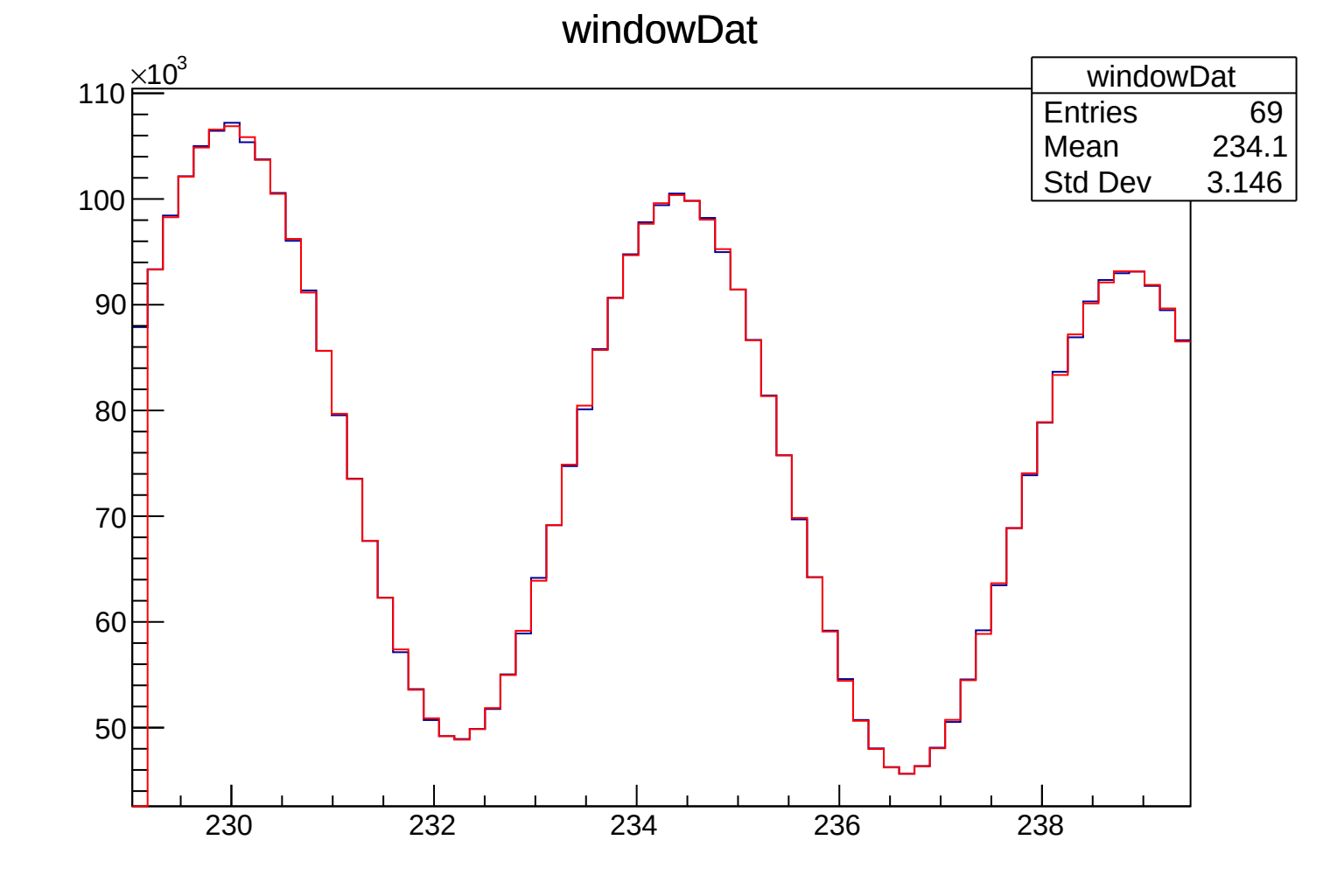

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.703e+06
Std Dev 8.741e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

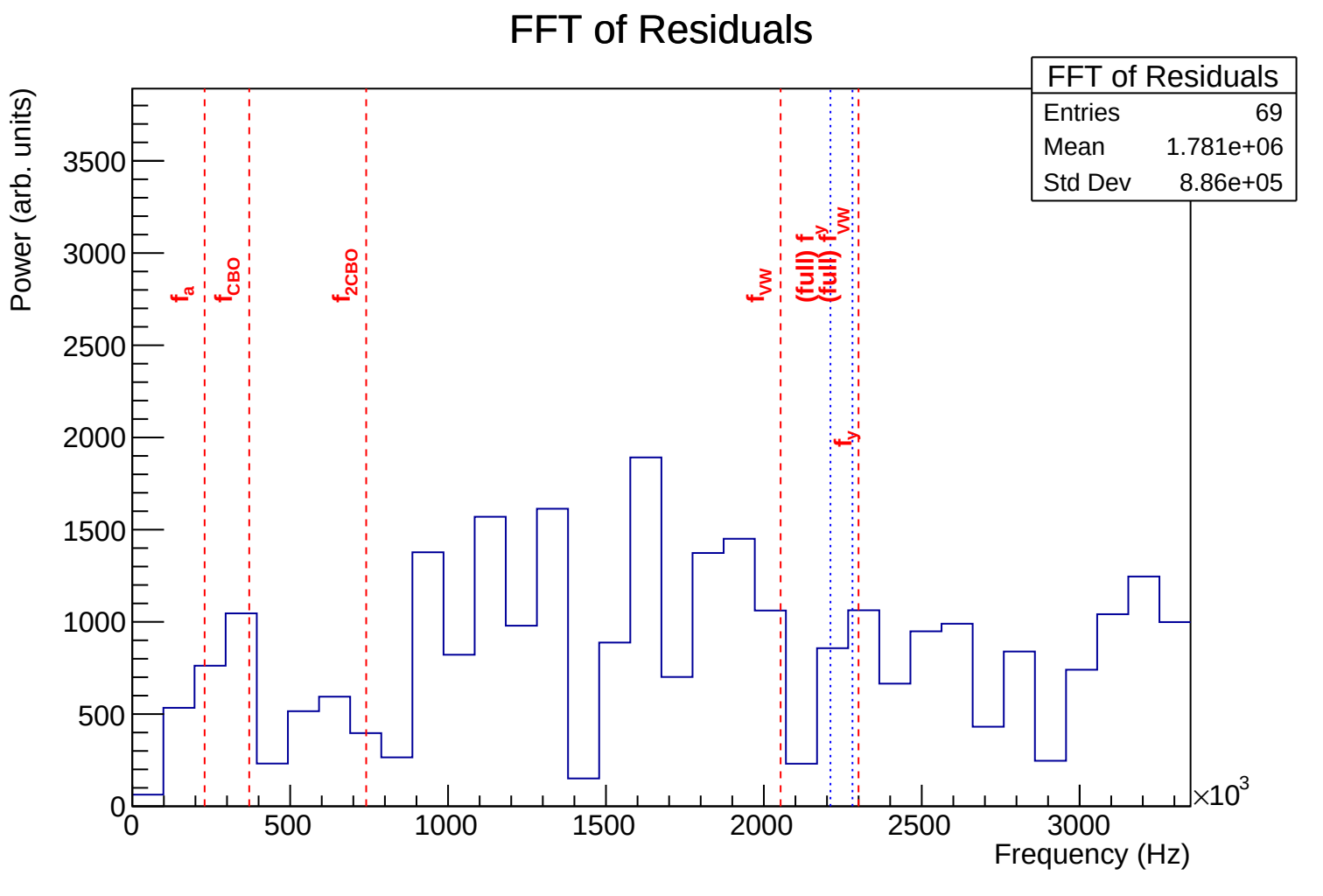

windowDat
×10^3
150
140
130
120
110
100
90
80
70
60
210
212
214
216
218
windowDat
Entries 69
Mean 213.3
Std Dev 3.084

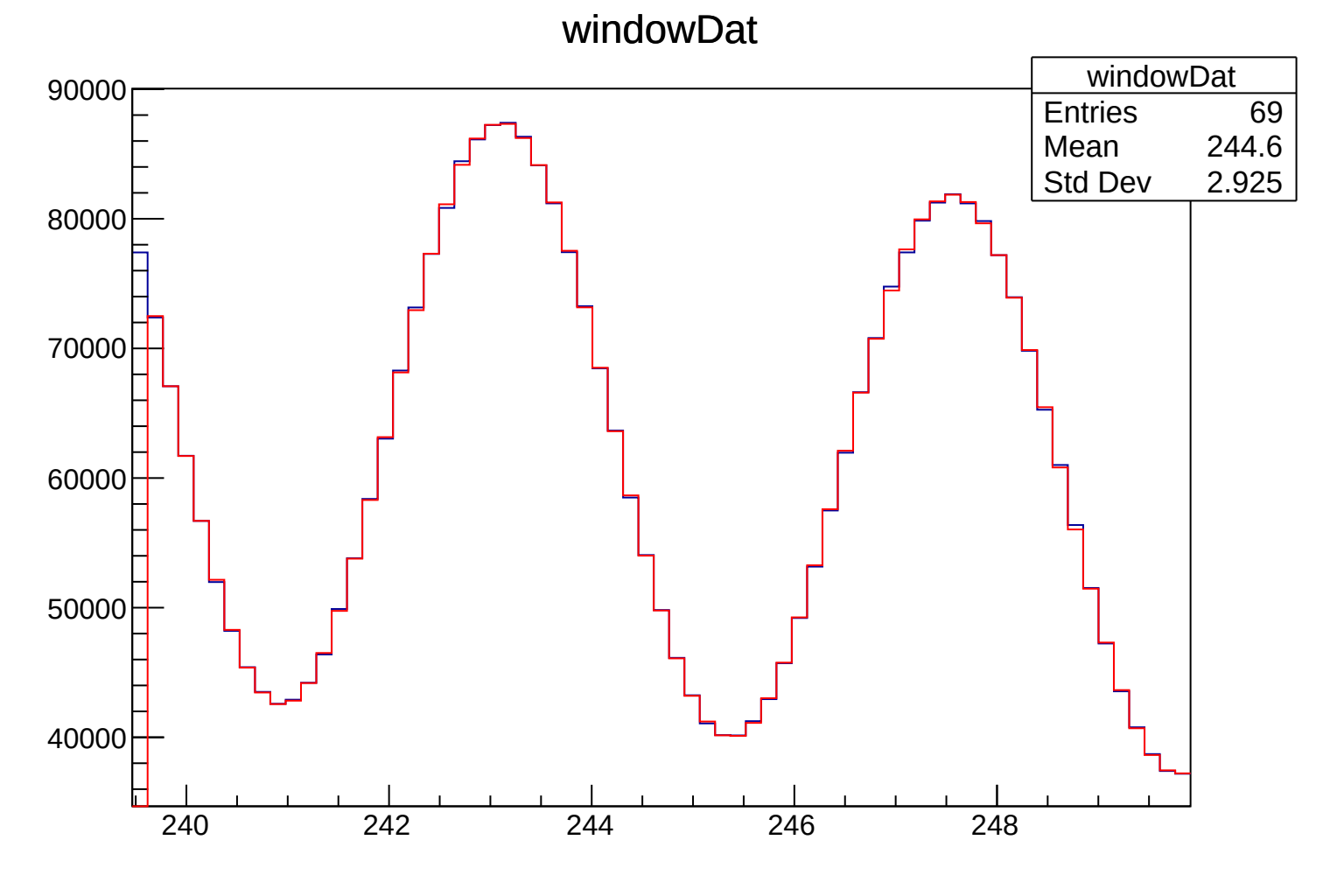

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.806e+06
Std Dev 9.625e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000

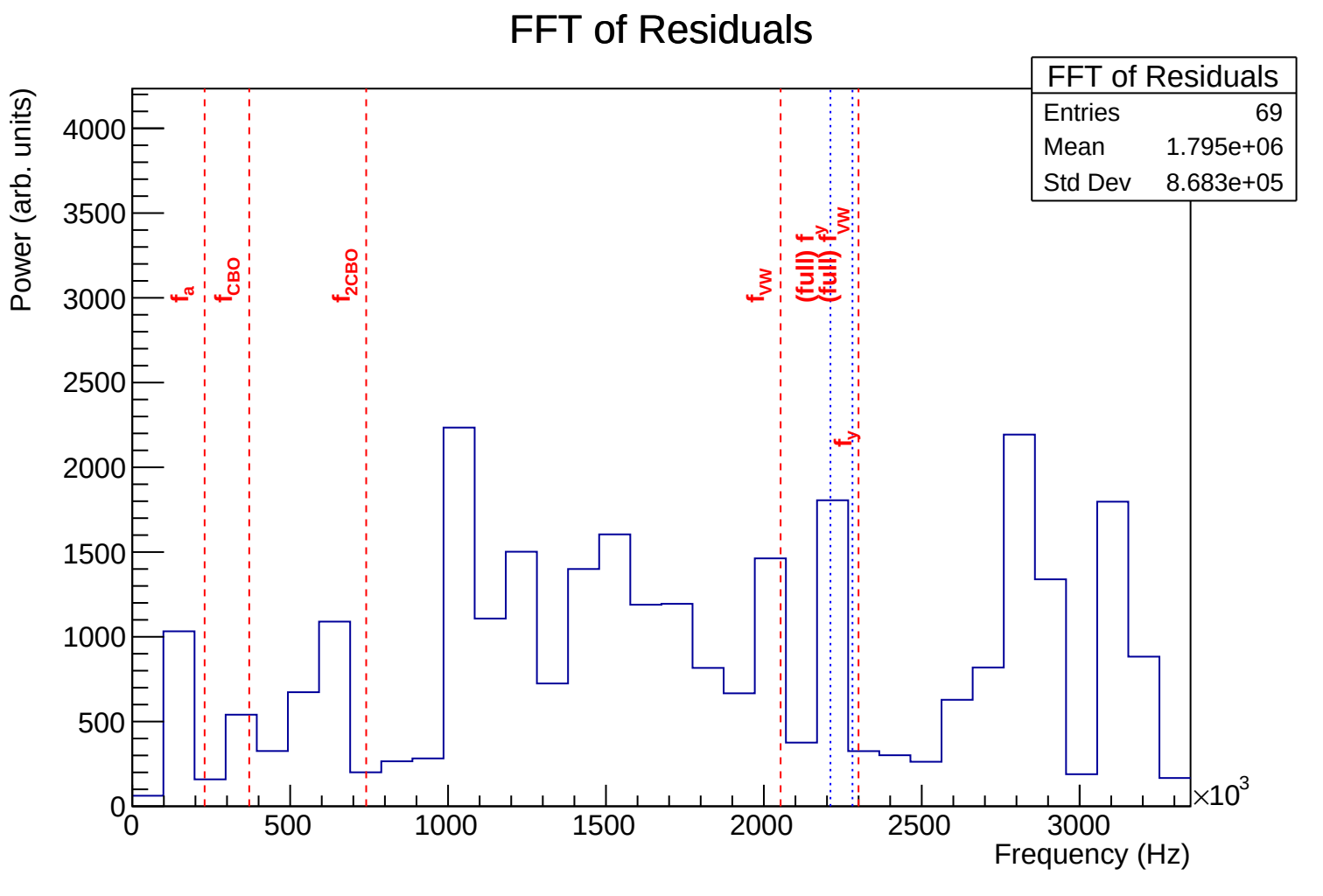

windowDat
×10^3
120
110
100
90
80
70
60
50
220
222
224
226
228
windowDat
Entries 69
Mean 223.6
Std Dev 2.863

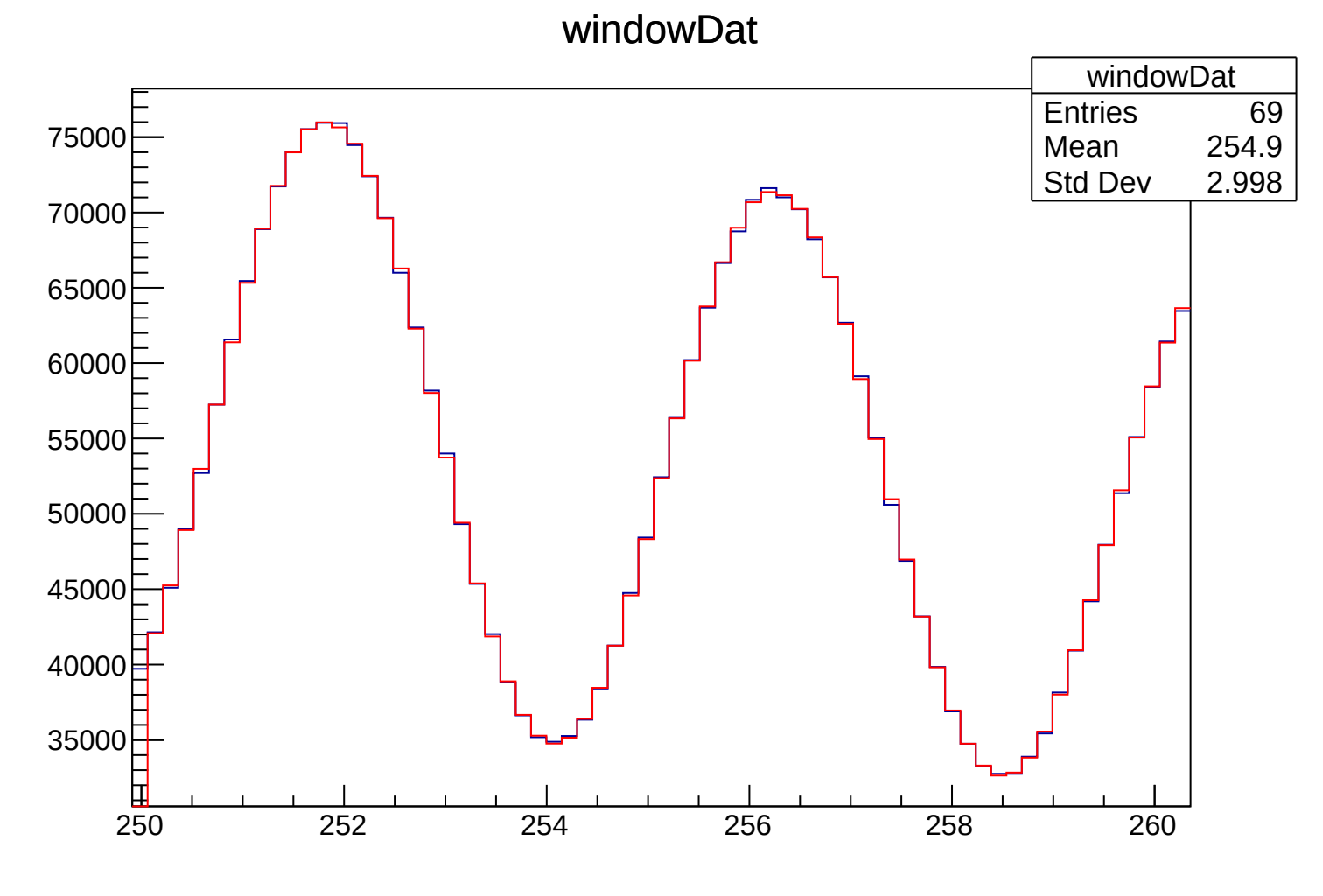

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.976e+06
Std Dev 8.982e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500
4000
4500

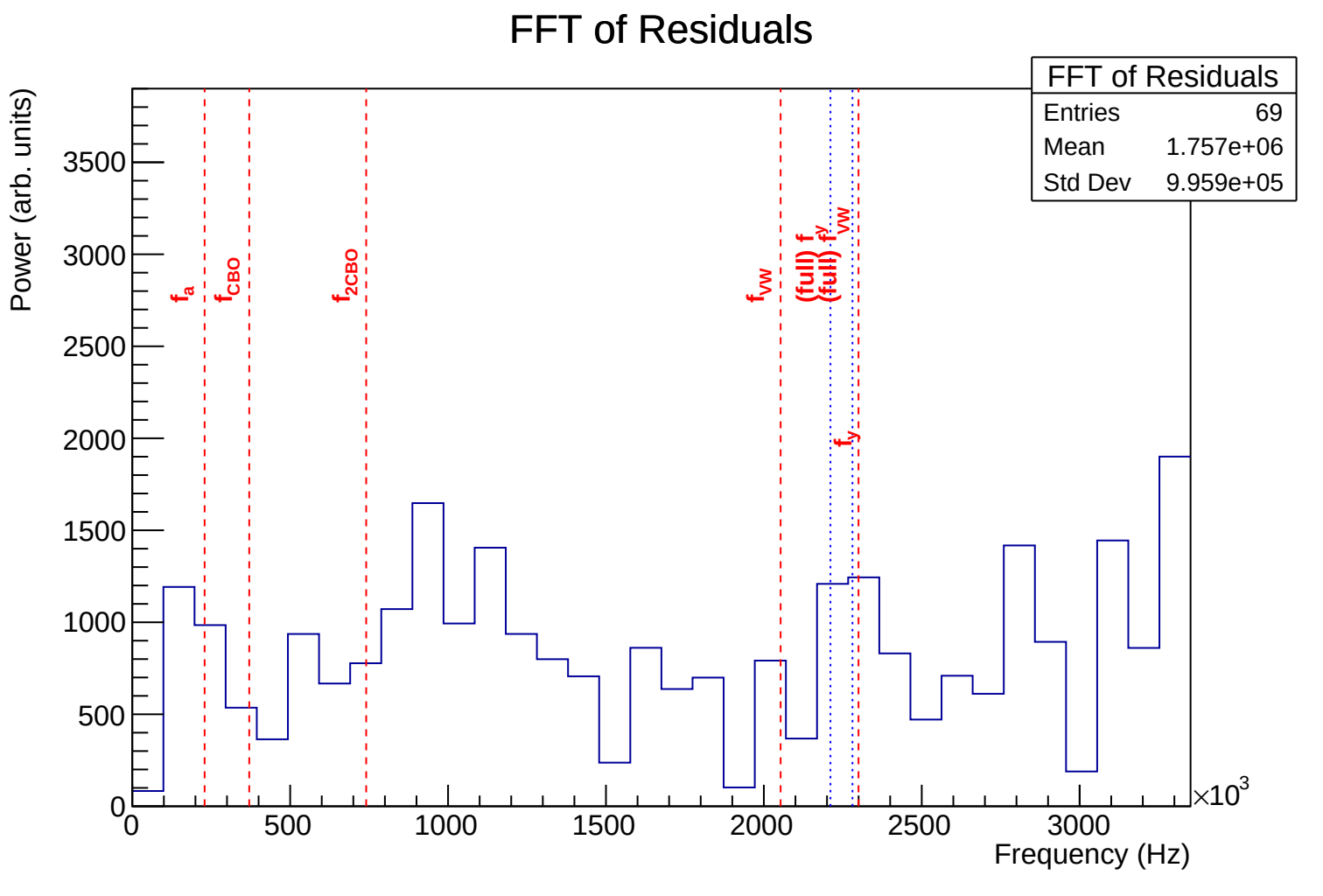

windowDat
×10^3
110
100
90
80
70
60
50
230
232
234
236
238
windowDat
Entries 69
Mean 234.1
Std Dev 3.146

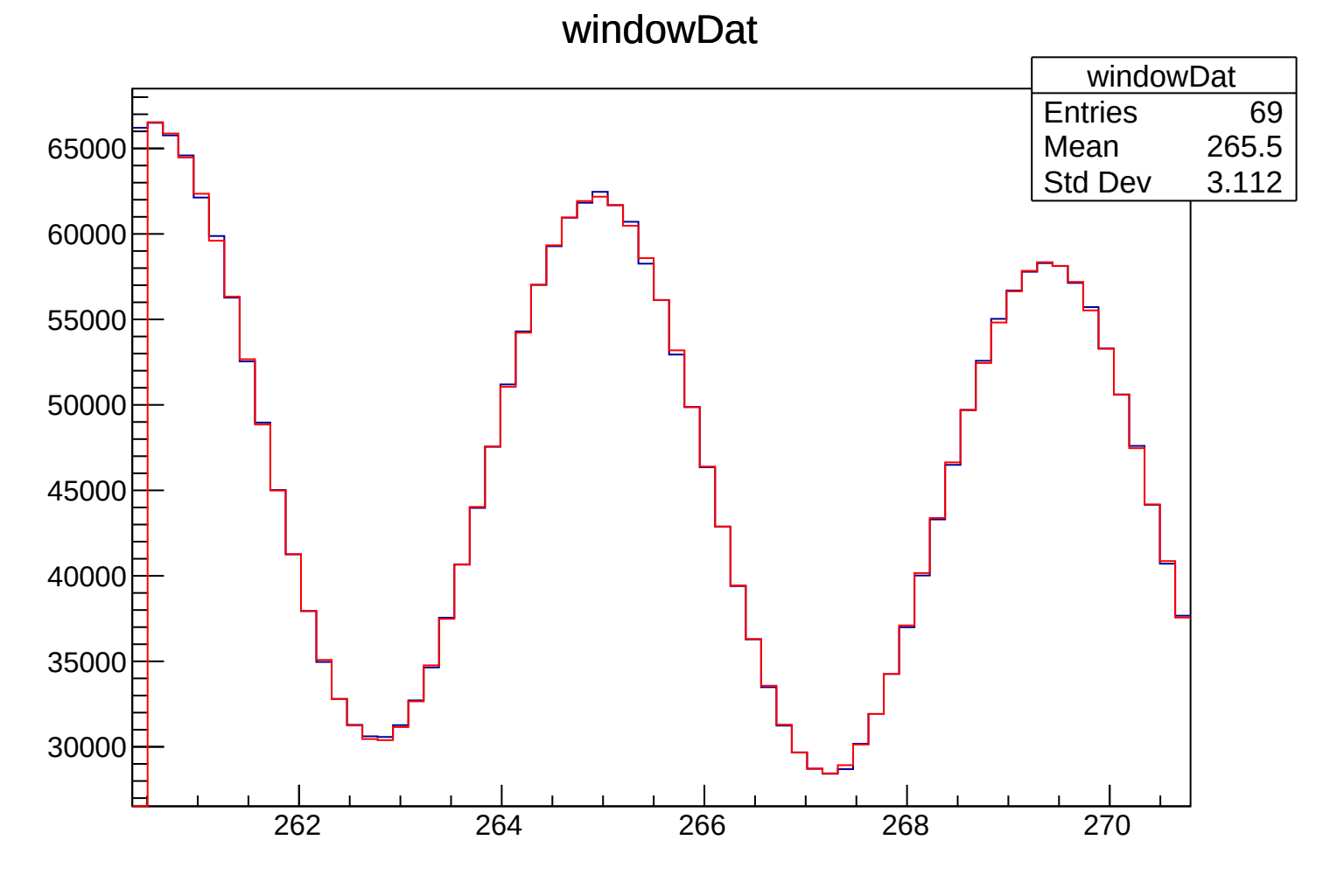

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.781e+06
Std Dev 8.86e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩_(full)
⟨f_y⟩_(full)
f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500

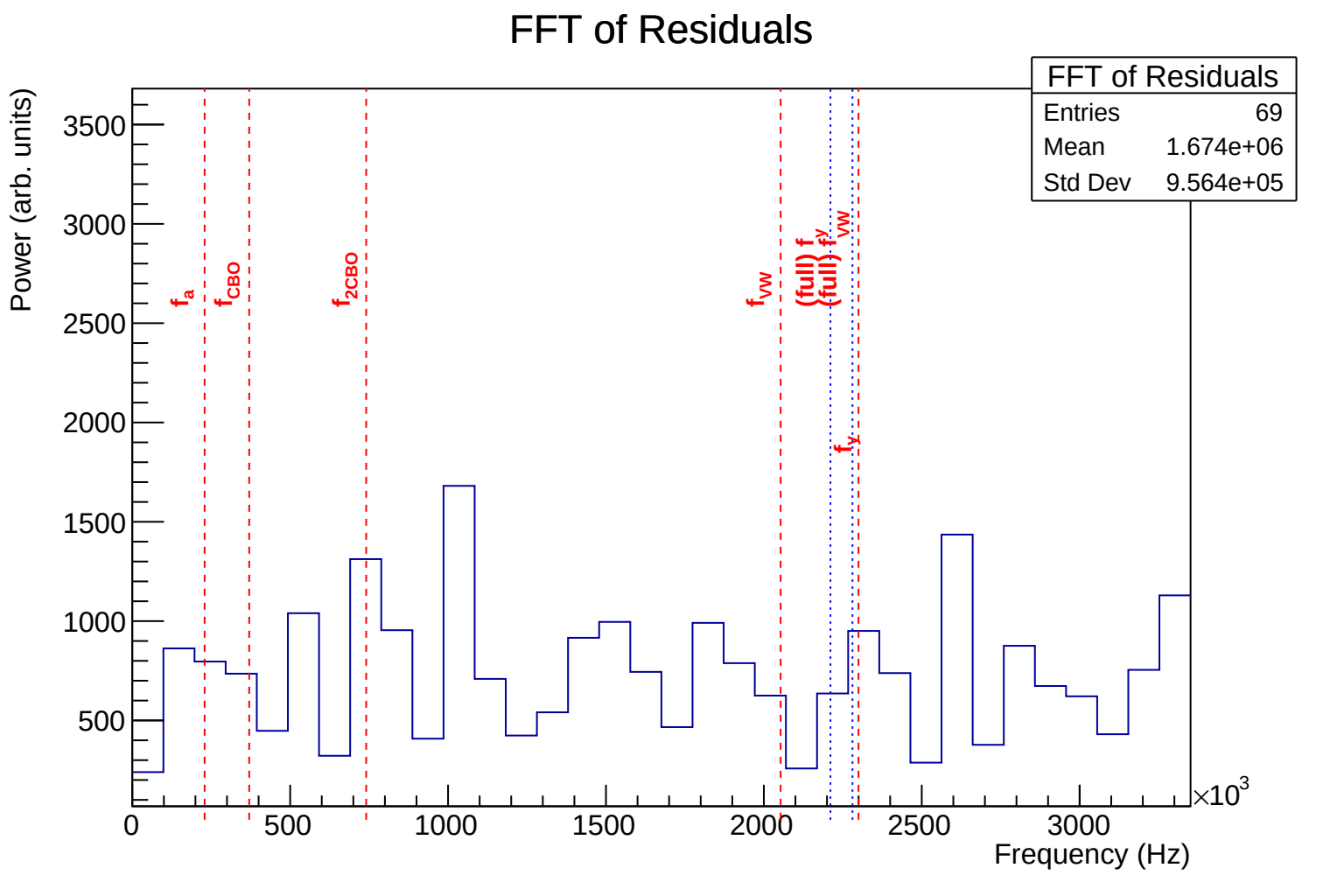

windowDat
windowDat
Entries 69
Mean 244.6
Std Dev 2.925
90000
80000
70000
60000
50000
40000
240
242
244
246
248

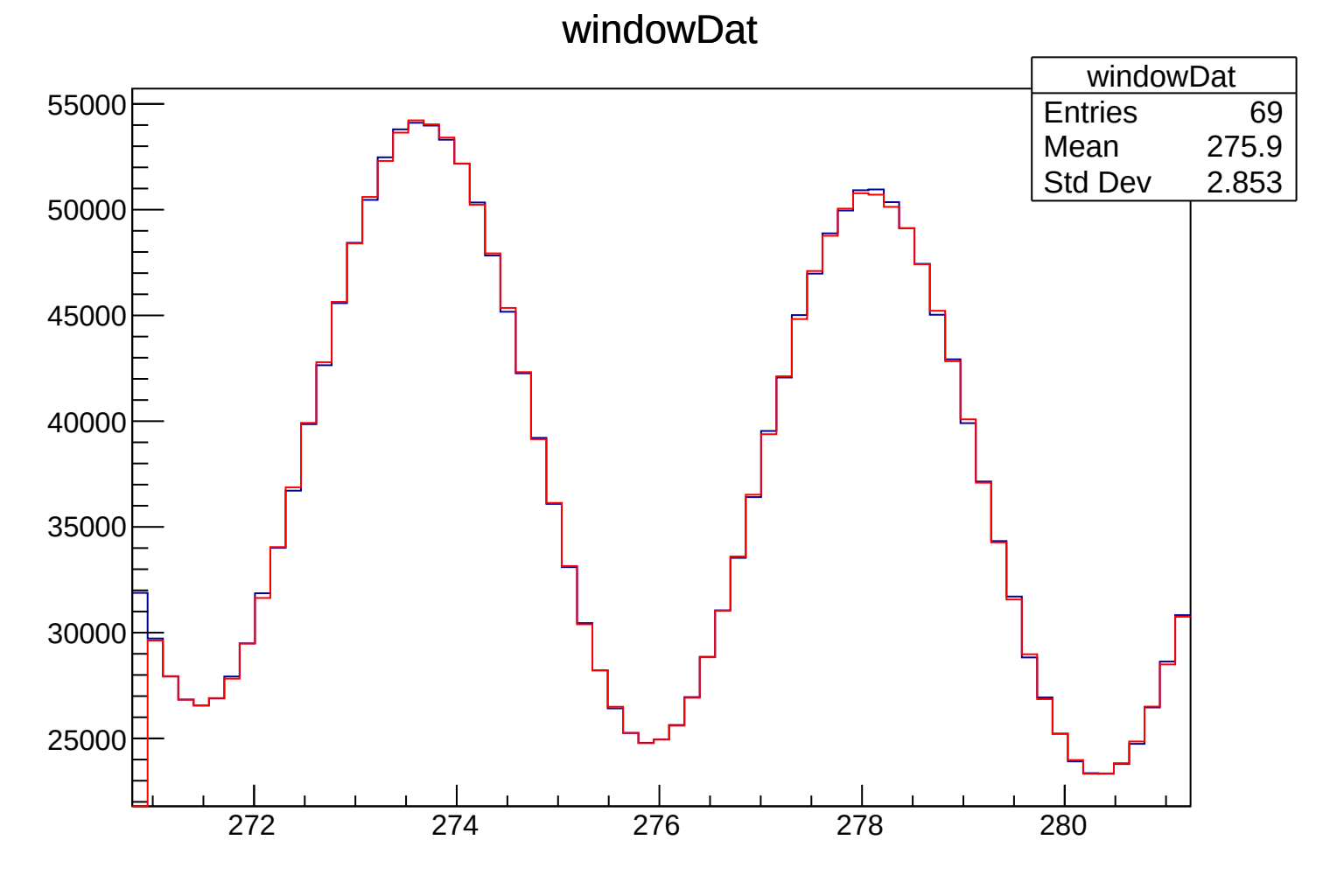

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.795e+06
Std Dev 8.683e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500
4000

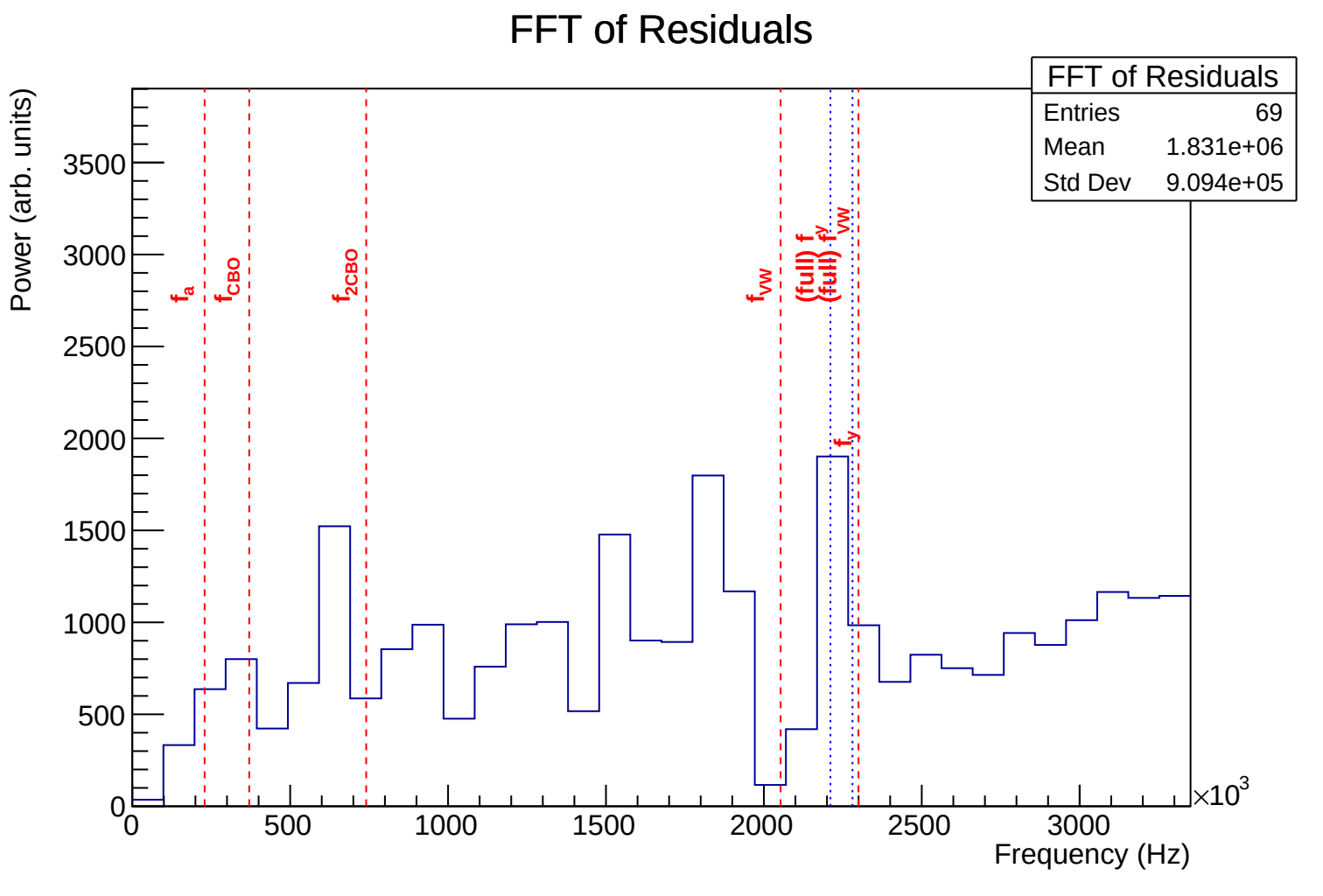

windowDat
windowDat
Entries 69
Mean 254.9
Std Dev 2.998
75000
70000
65000
60000
55000
50000
45000
40000
35000
250
252
254
256
258
260

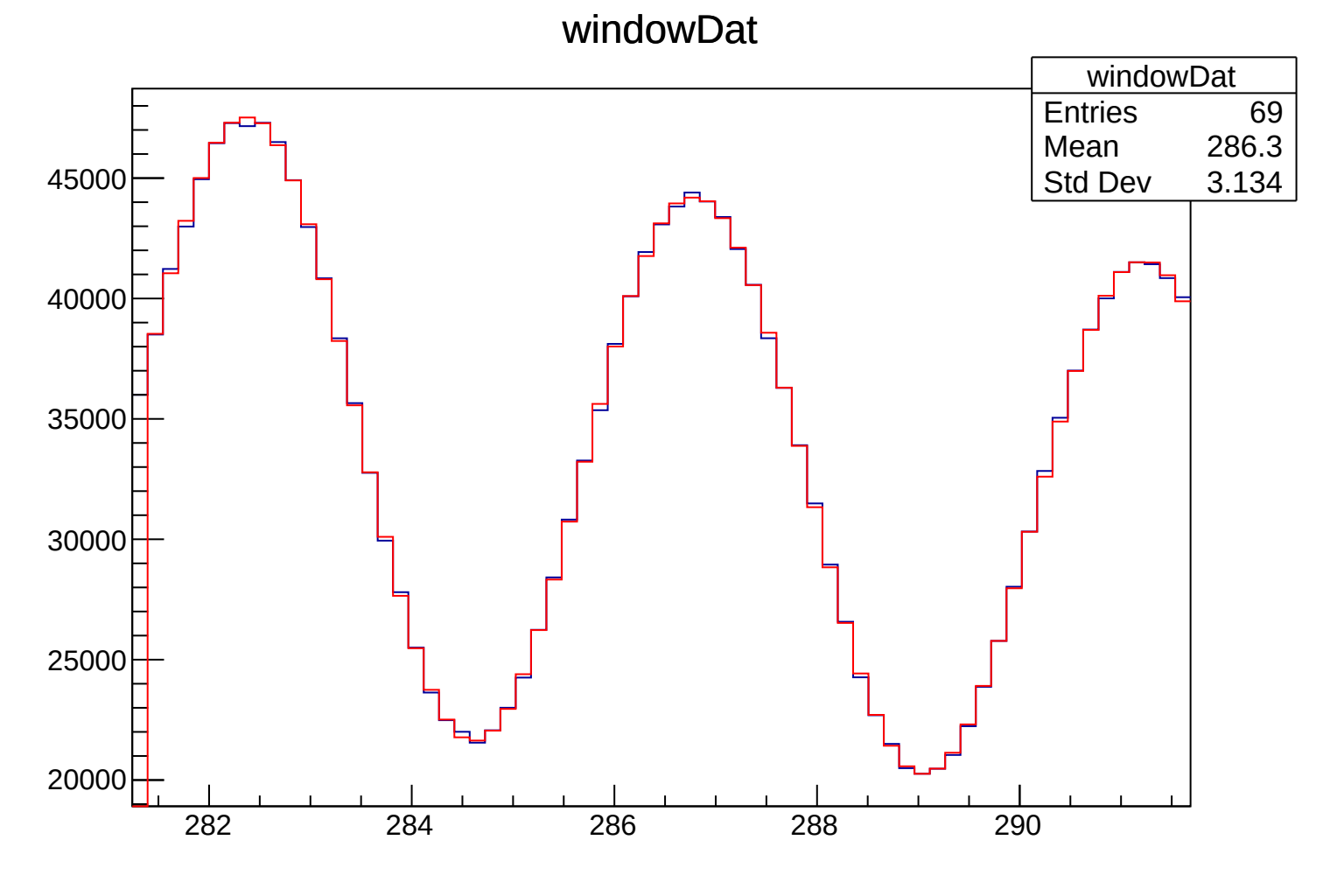

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.757e+06
Std Dev 9.959e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500

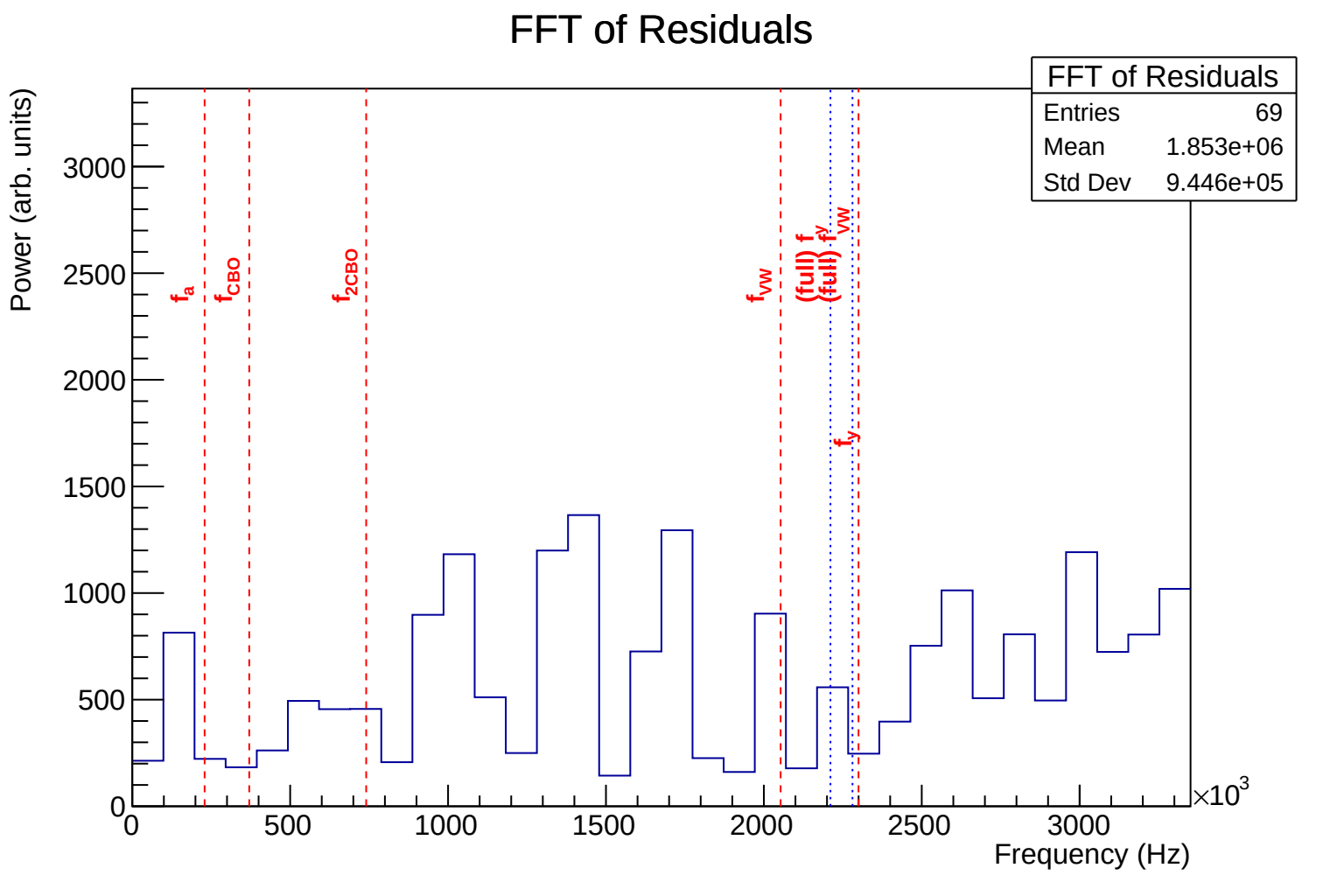

windowDat
windowDat
Entries 69
Mean 265.5
Std Dev 3.112
65000
60000
55000
50000
45000
40000
35000
30000
262
264
266
268
270

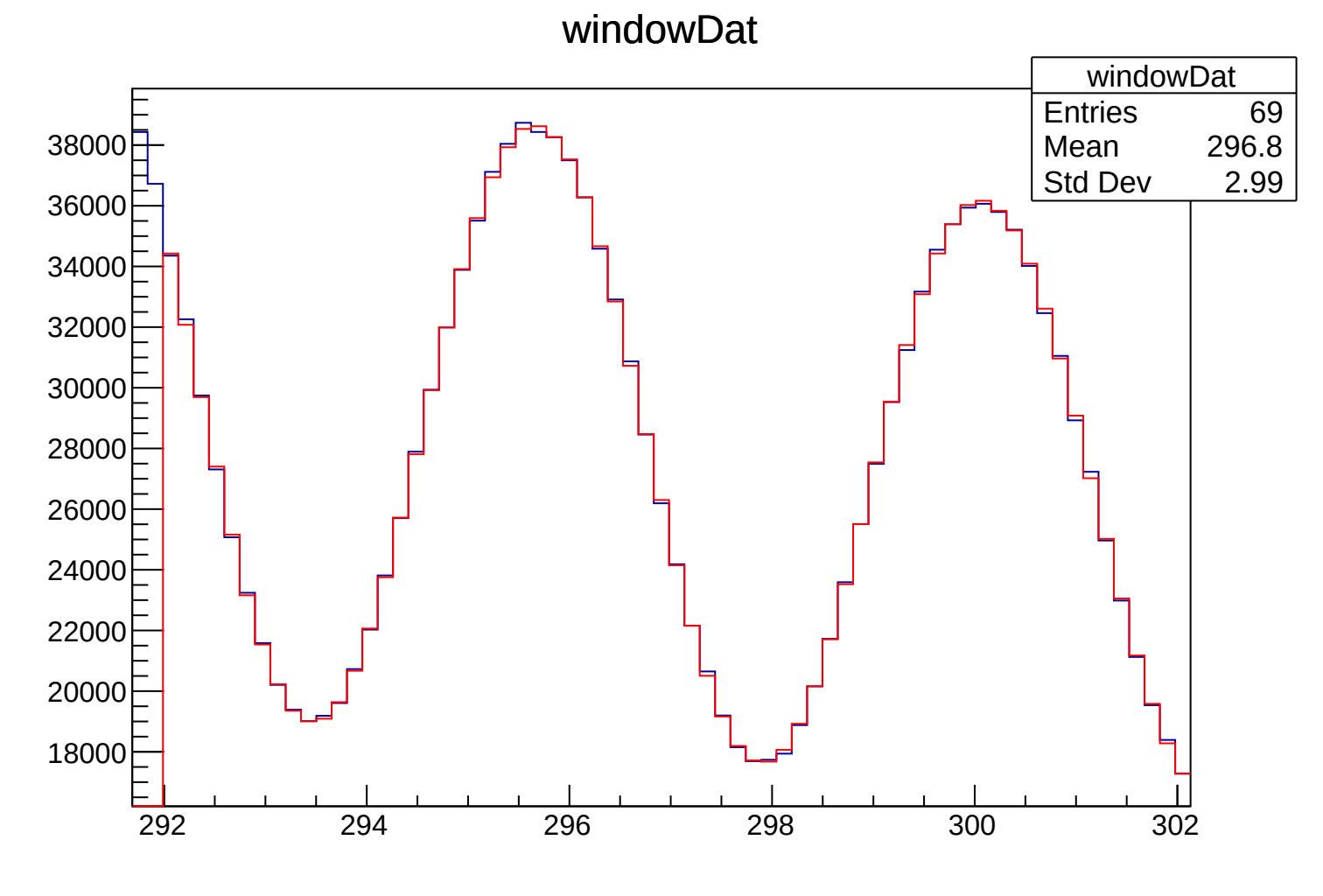

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.674e+06
Std Dev 9.564e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f_y
⟨full⟩ f_VW
f_y

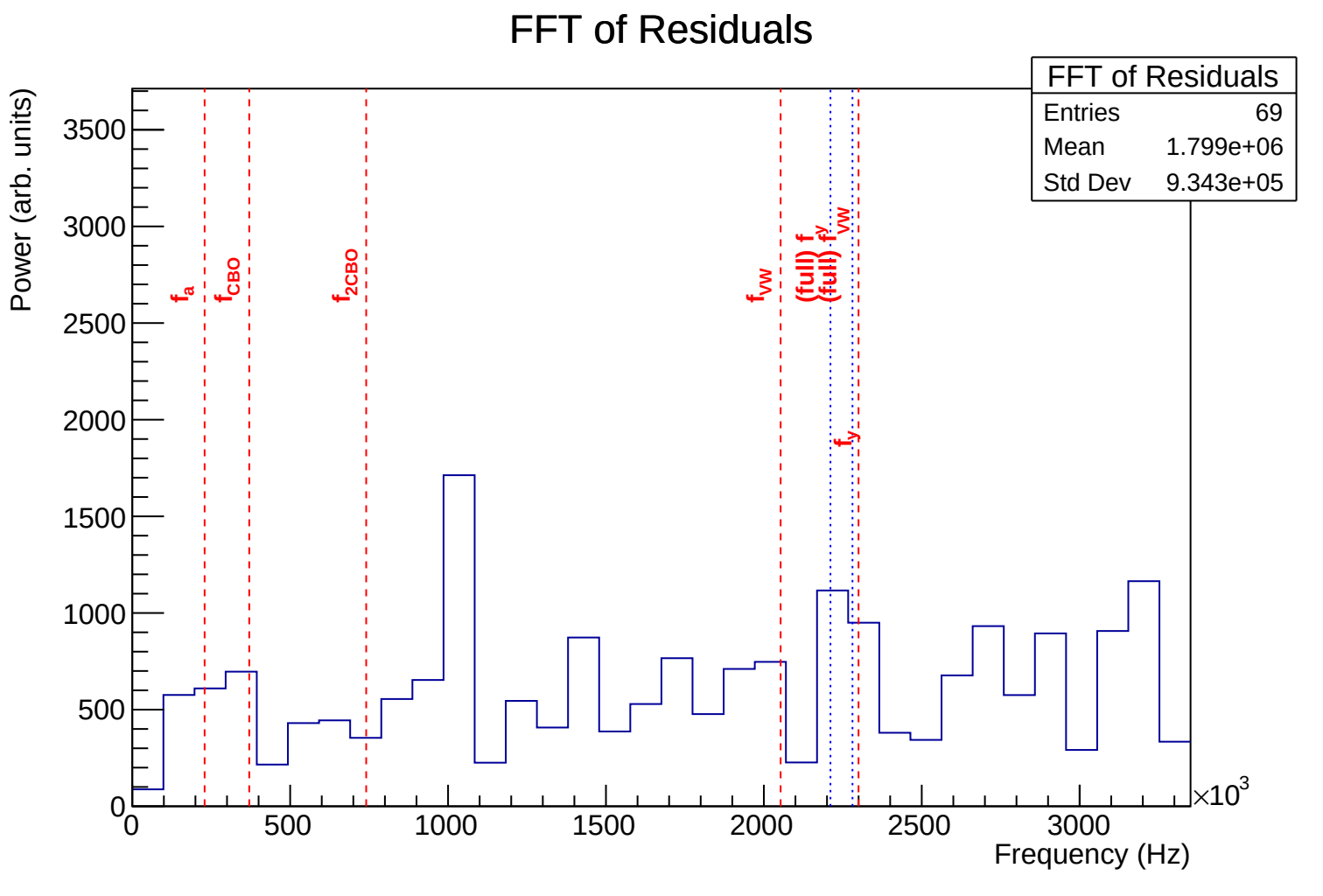

windowDat
windowDat
Entries 69
Mean 275.9
Std Dev 2.853
55000
50000
45000
40000
35000
30000
25000
272
274
276
278
280

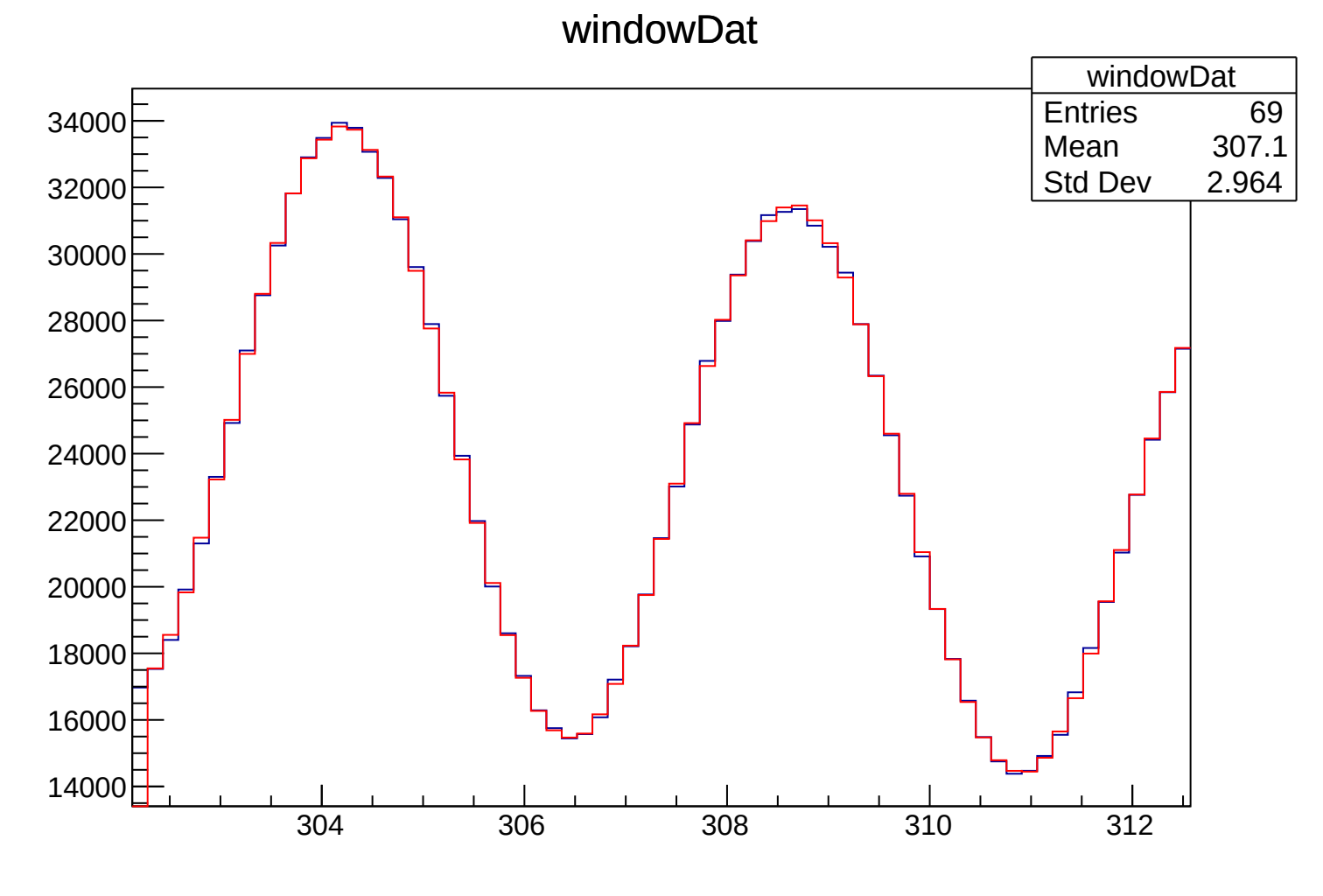

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.831e+06
Std Dev 9.094e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
3500

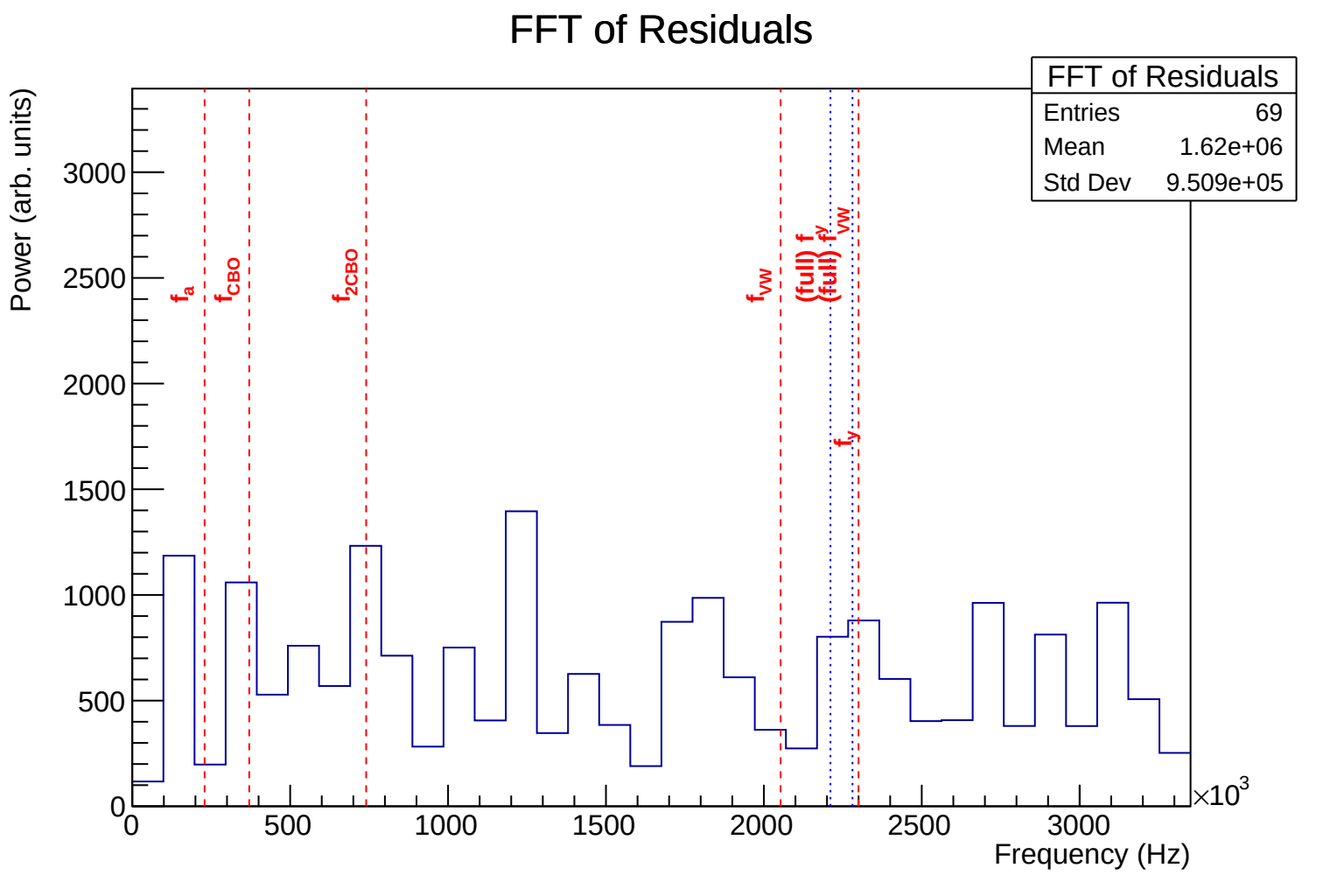

windowDat
windowDat
Entries 69
Mean 286.3
Std Dev 3.134
45000
40000
35000
30000
25000
20000
282
284
286
288
290

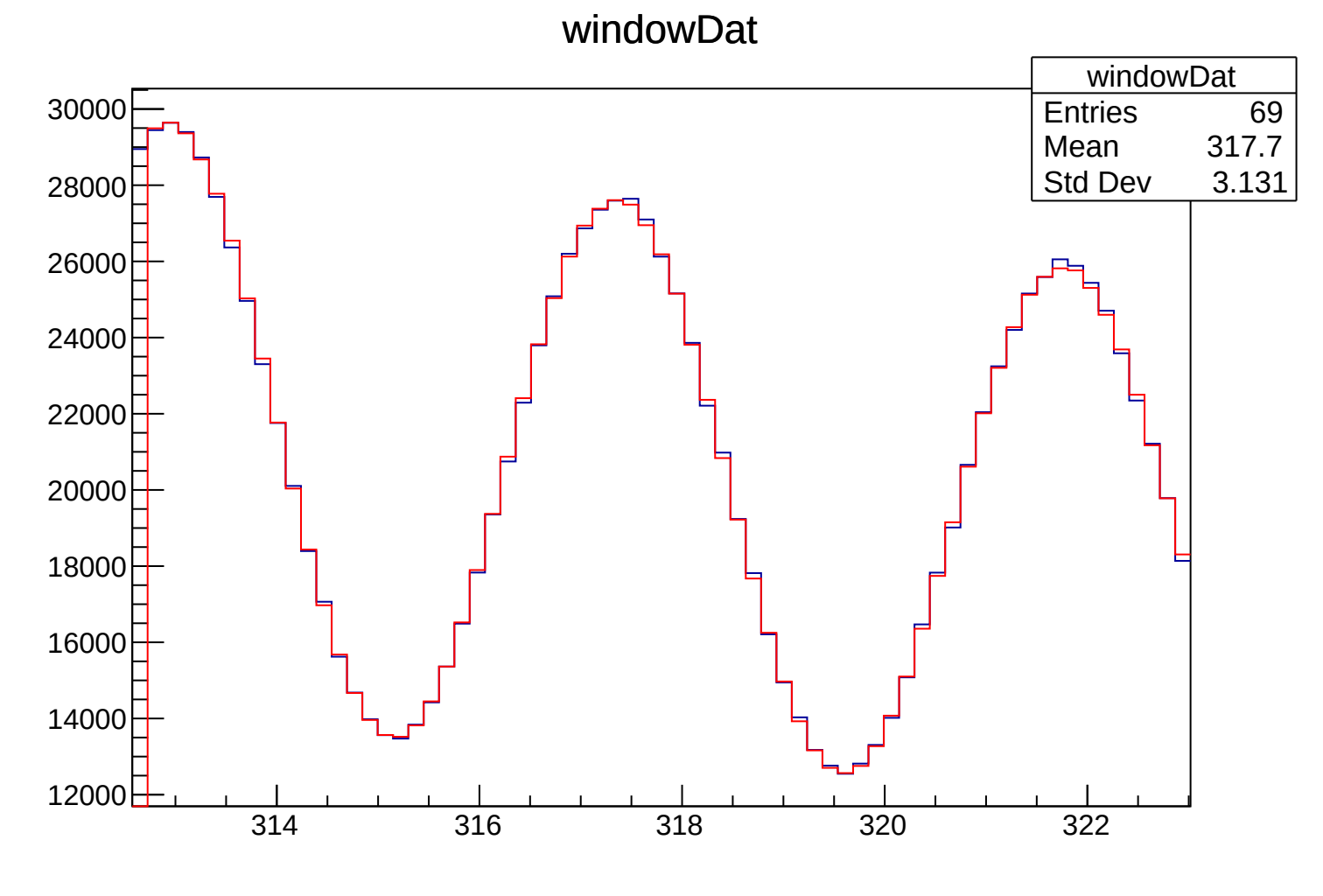

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.853e+06
Std Dev 9.446e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

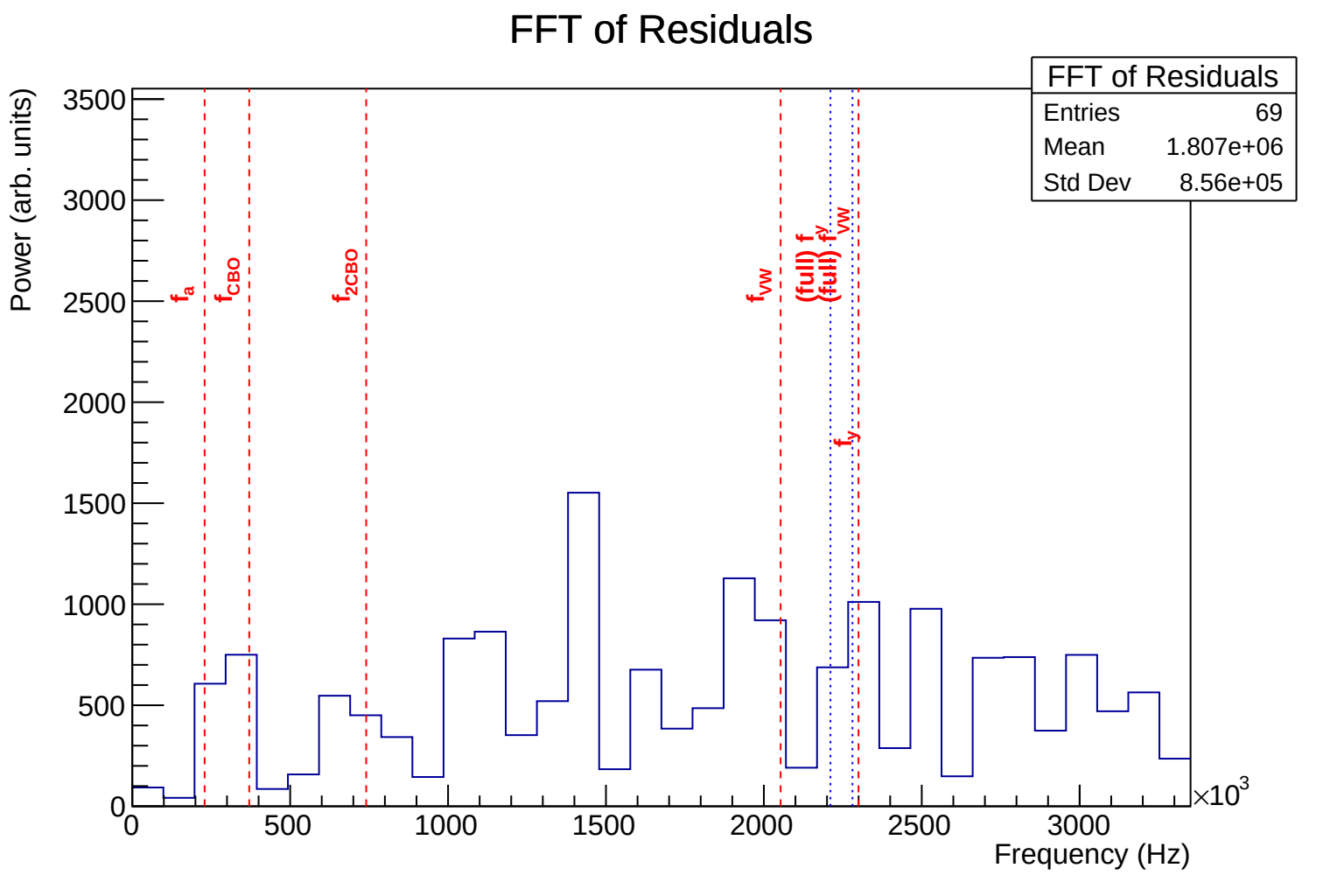

windowDat
windowDat
Entries 69
Mean 296.8
Std Dev 2.99
38000
36000
34000
32000
30000
28000
26000
24000
22000
20000
18000
292
294
296
298
300
302

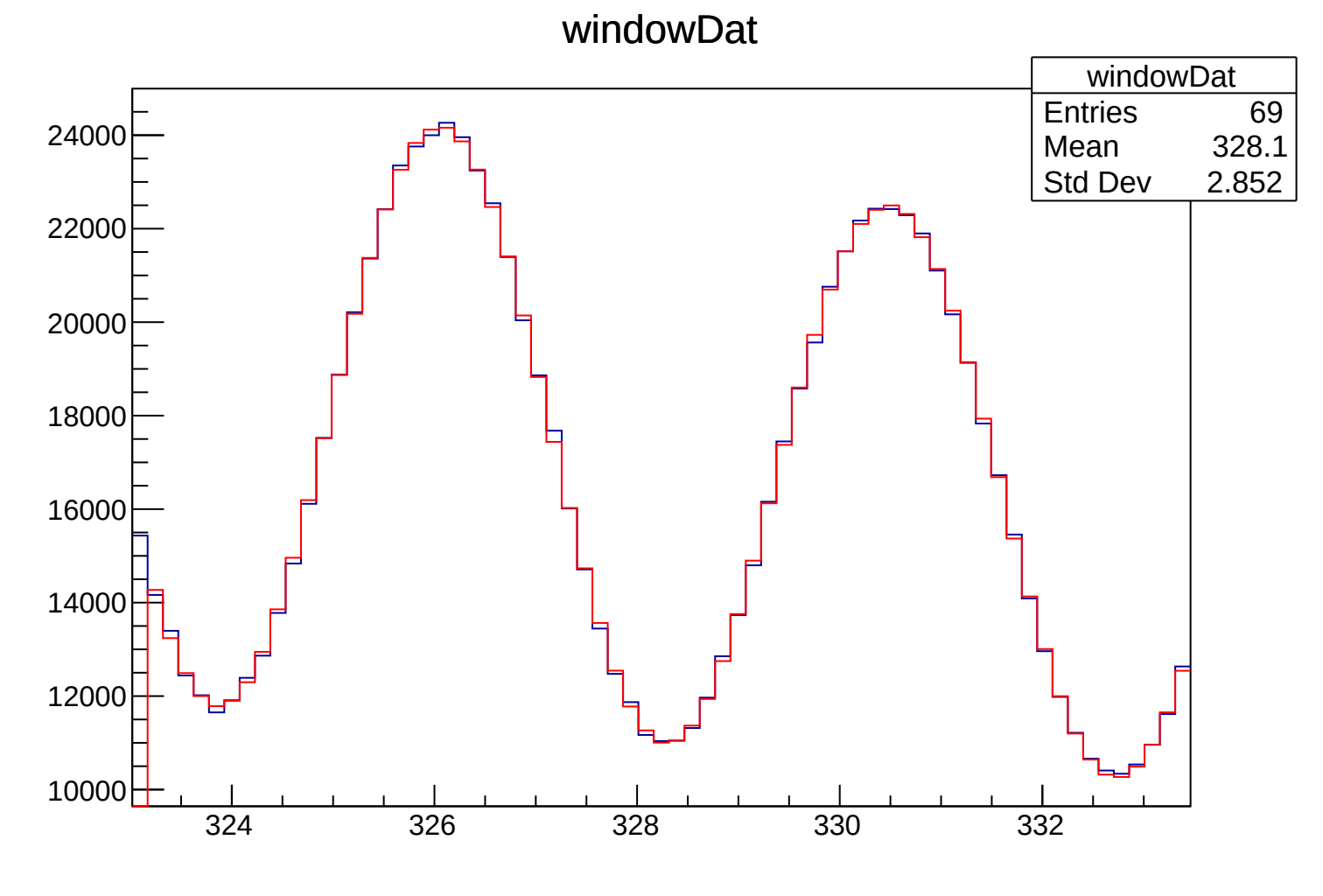

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.799e+06
Std Dev 9.343e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
⟨full⟩ f_y
f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500

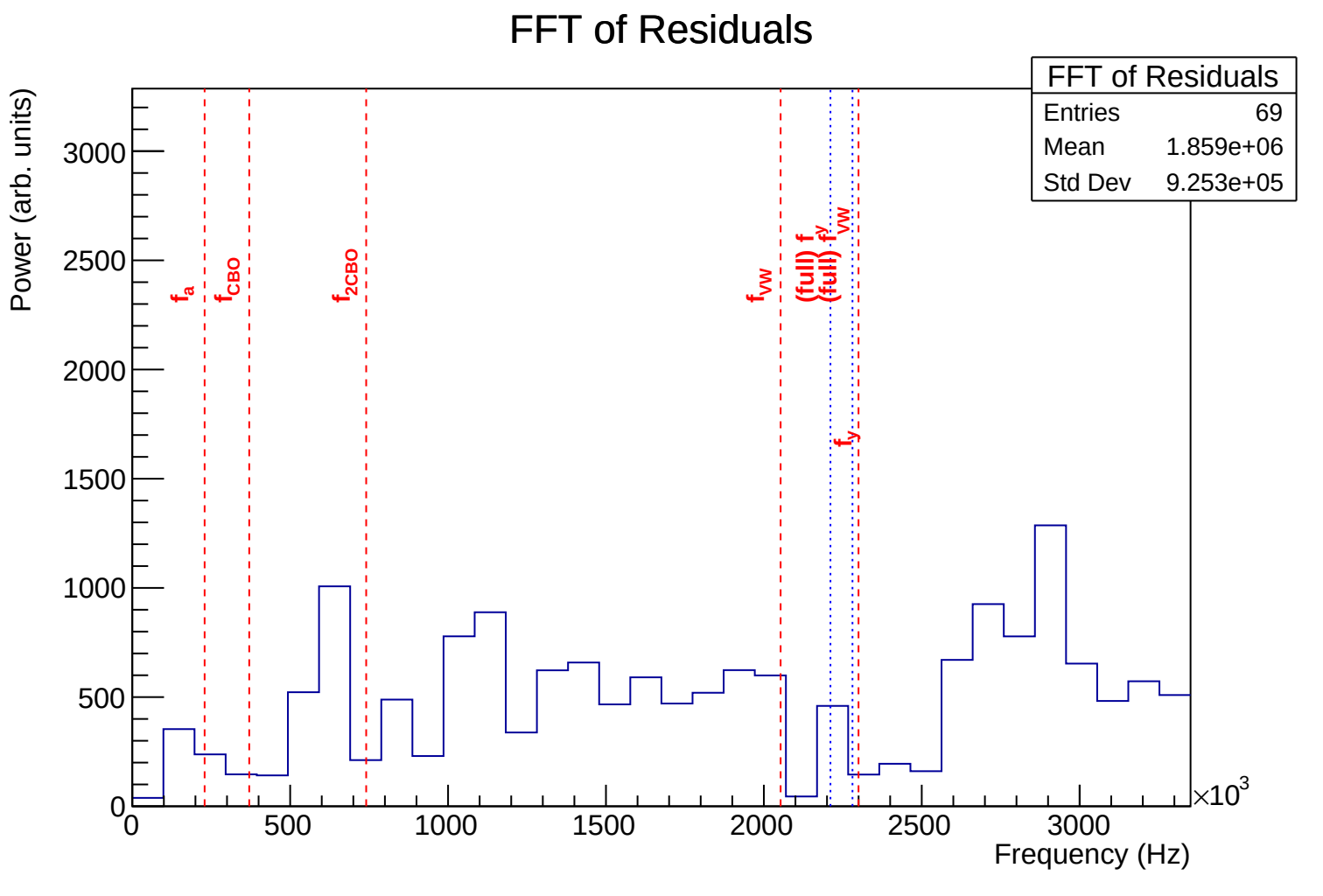

windowDat
windowDat
Entries 69
Mean 307.1
Std Dev 2.964
34000
32000
30000
28000
26000
24000
22000
20000
18000
16000
14000
304
306
308
310
312

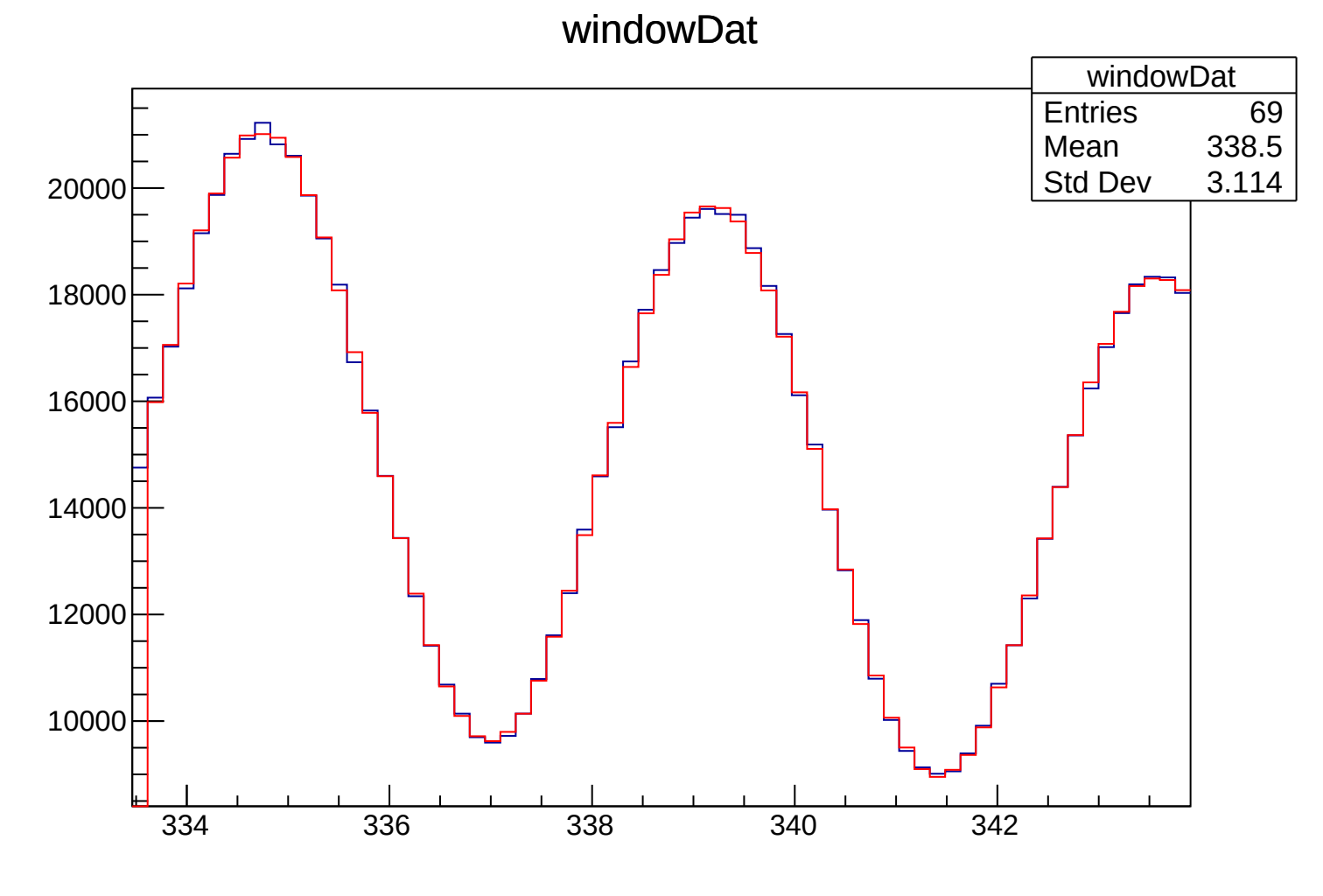

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.62e+06
Std Dev 9.509e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩_(full)
⟨f_y⟩_(full)
f_VW
f_y
0
500
1000
1500
2000
2500
3000

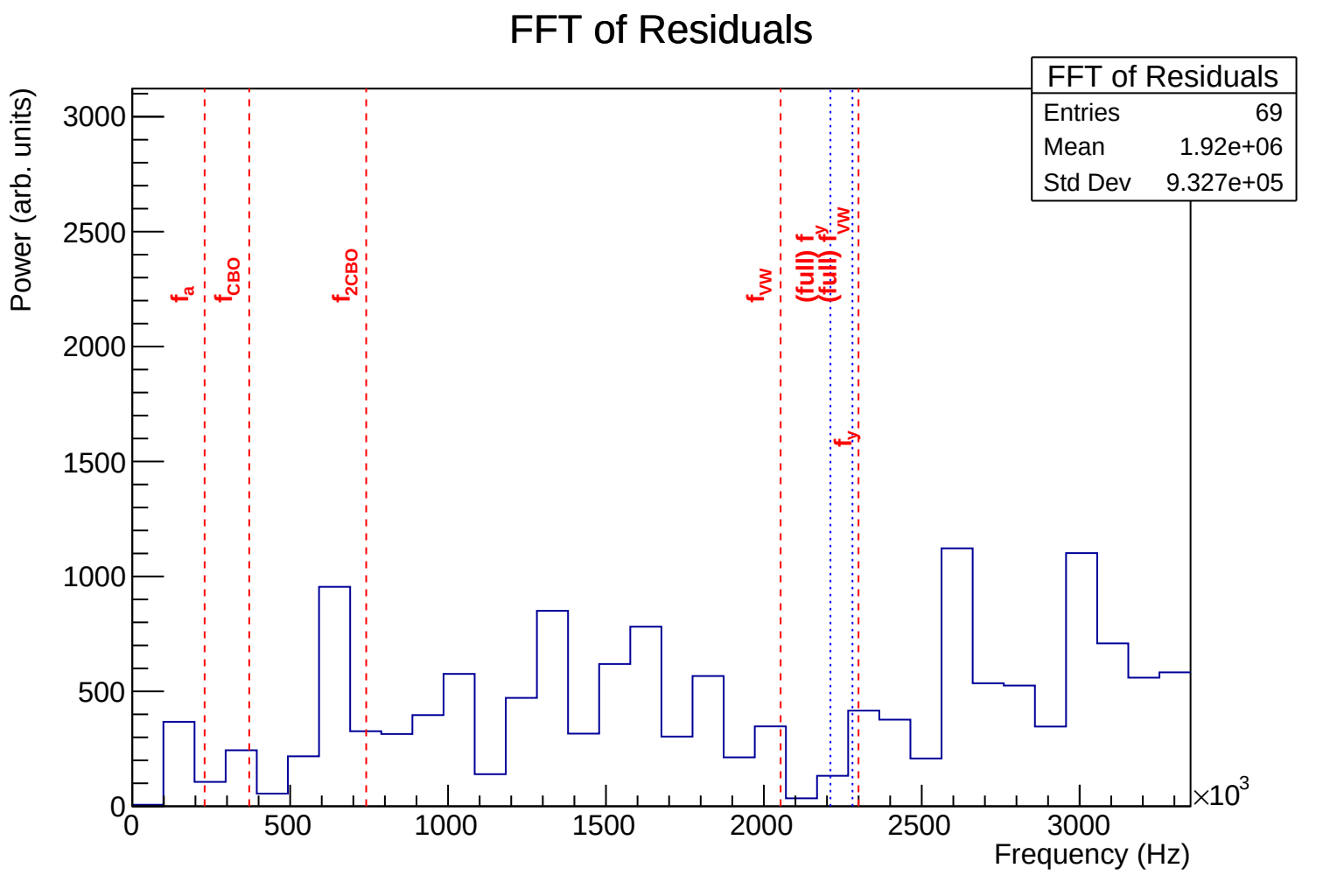

windowDat
windowDat
Entries 69
Mean 317.7
Std Dev 3.131
30000
28000
26000
24000
22000
20000
18000
16000
14000
12000
314
316
318
320
322

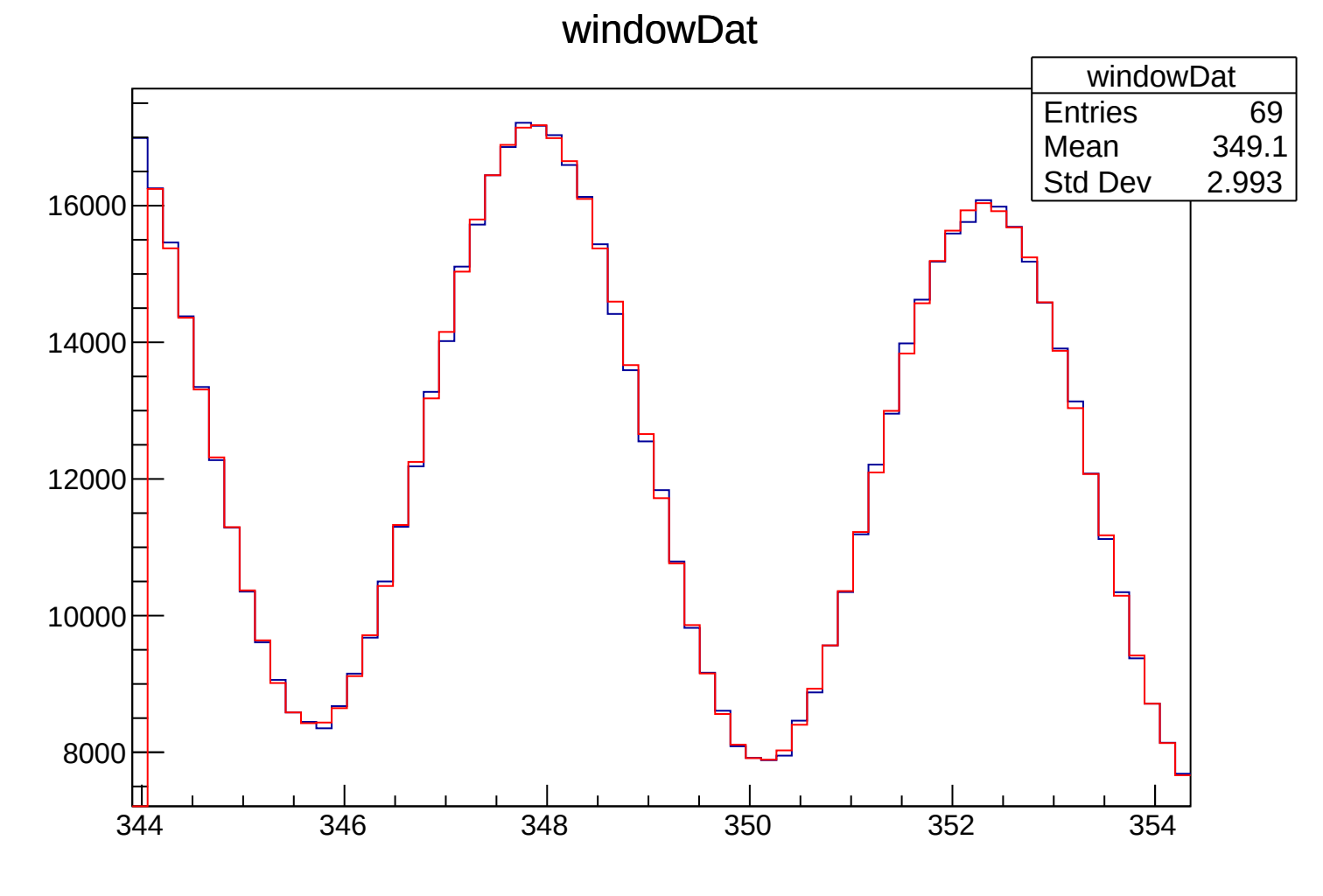

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.807e+06
Std Dev 8.56e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y
f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500

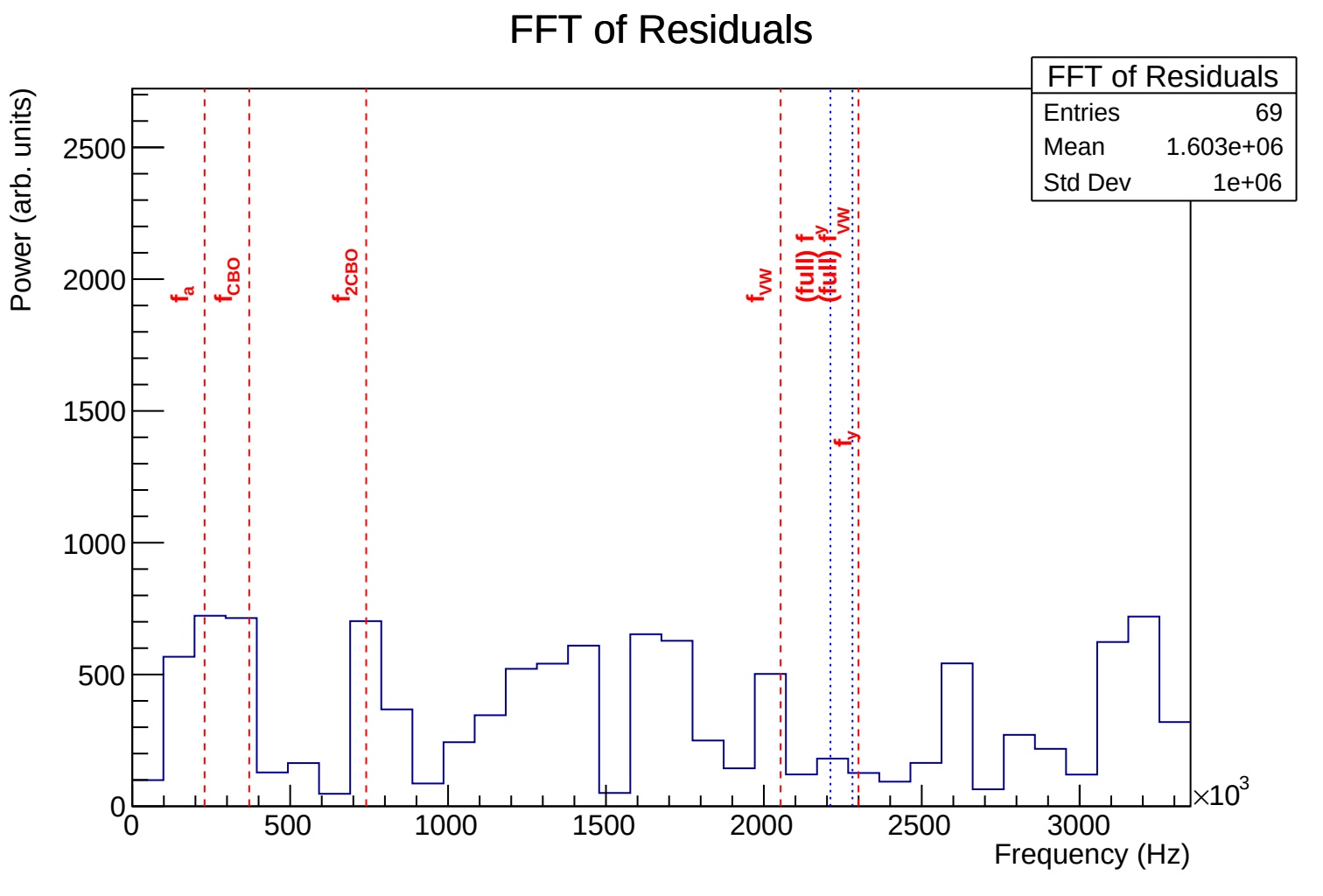

windowDat
windowDat
Entries 69
Mean 328.1
Std Dev 2.852
24000
22000
20000
18000
16000
14000
12000
10000
324
326
328
330
332

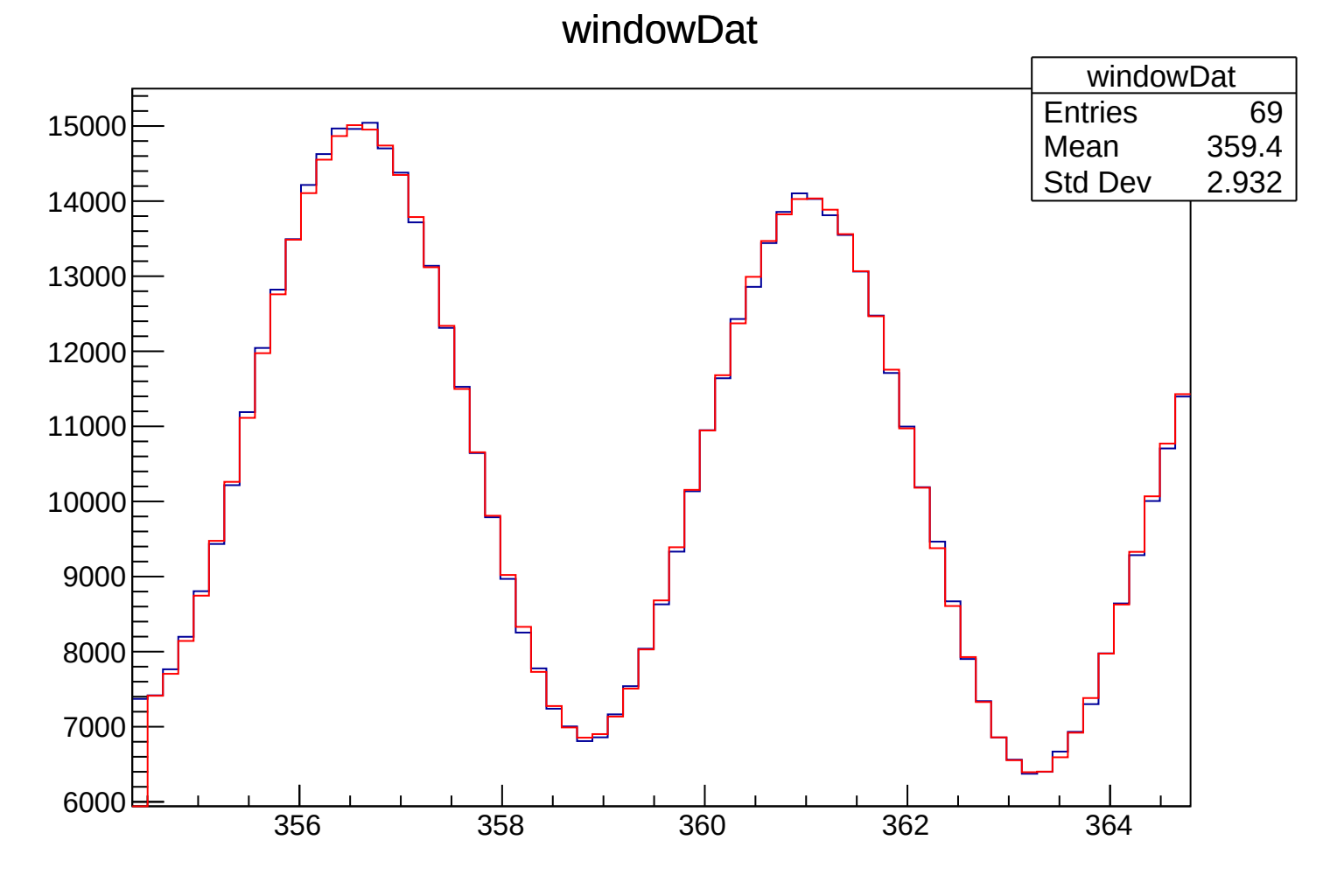

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.859e+06
Std Dev 9.253e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

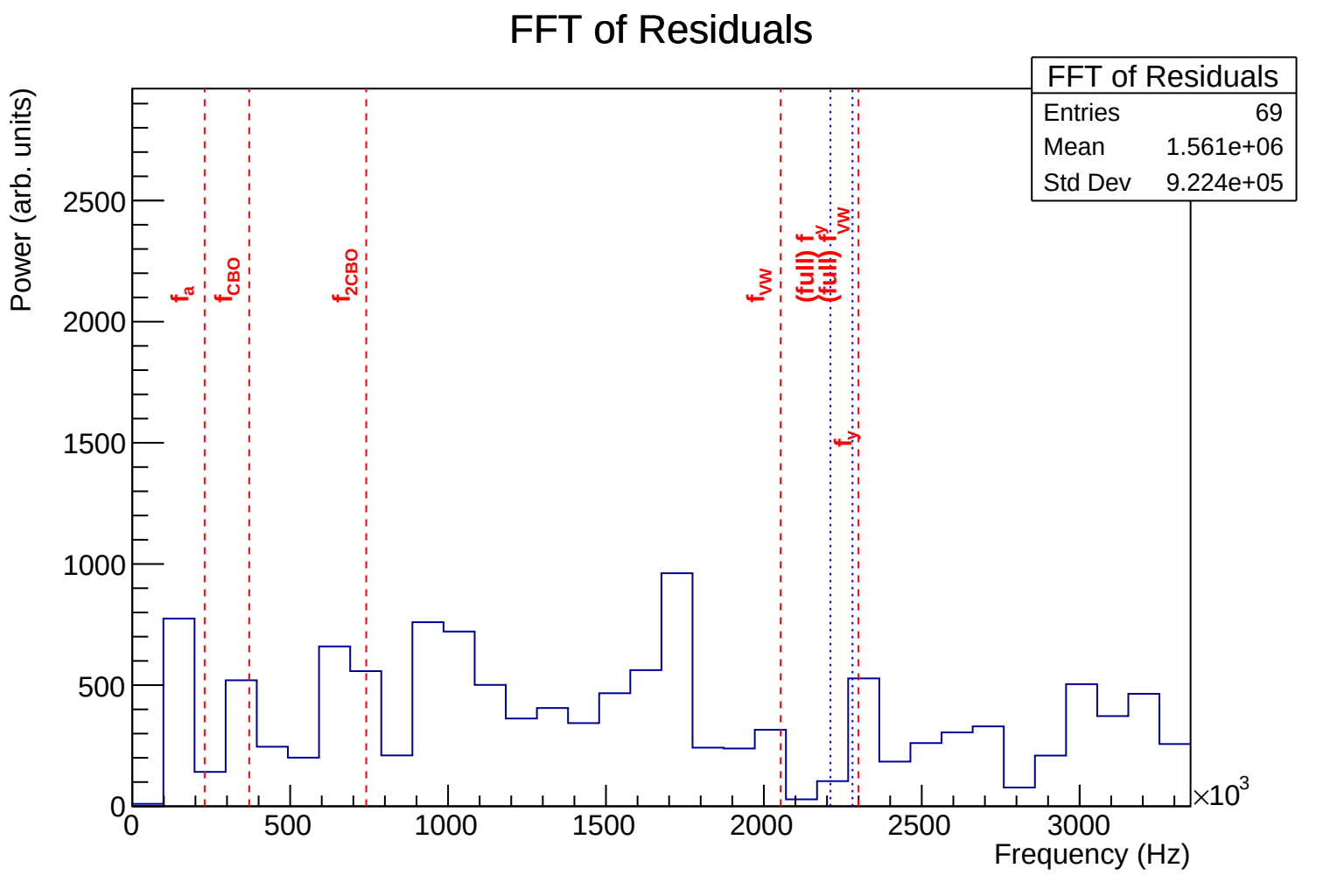

windowDat
windowDat
Entries 69
Mean 338.5
Std Dev 3.114
20000
18000
16000
14000
12000
10000
334
336
338
340
342

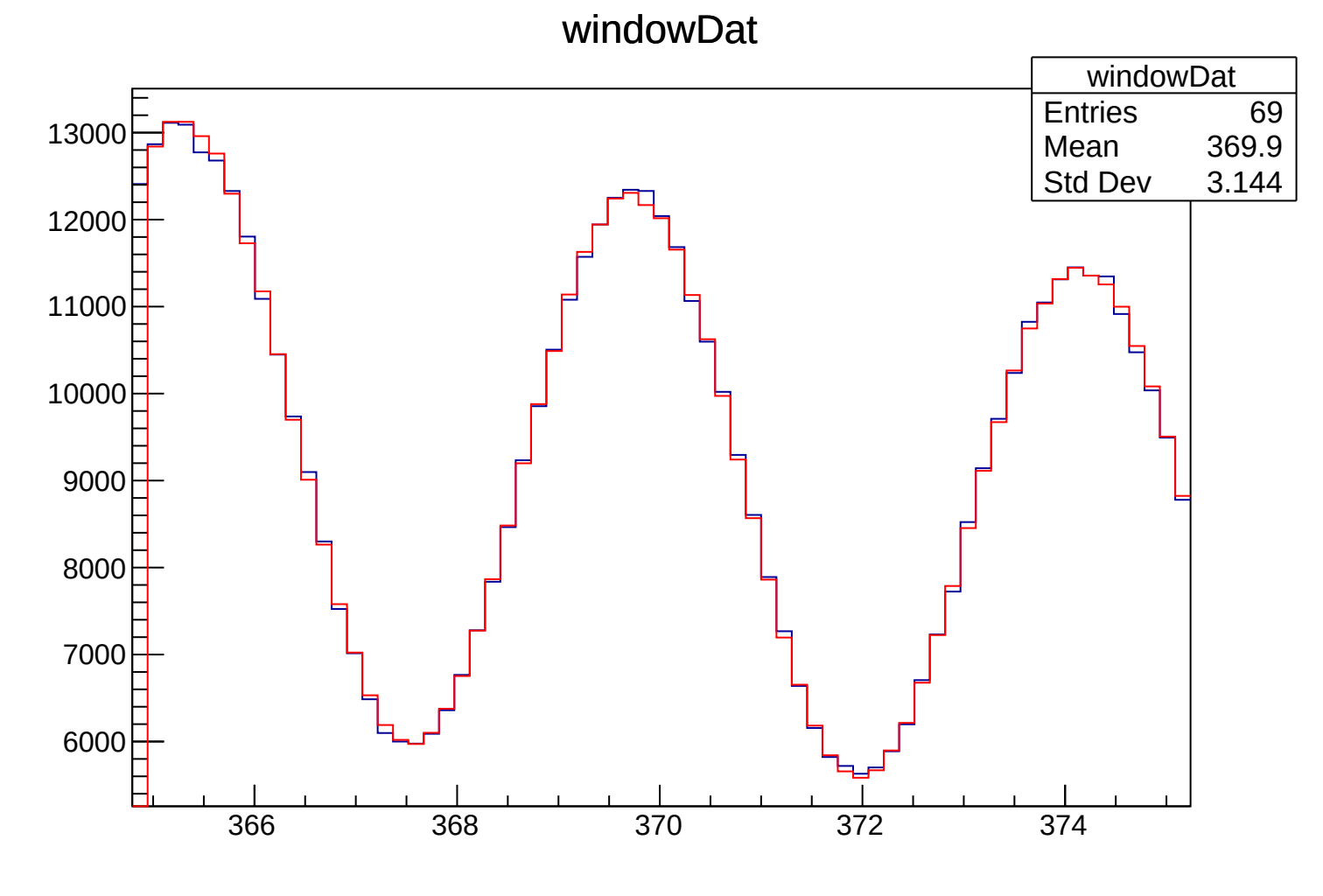

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.92e+06
Std Dev 9.327e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩ (full)
⟨f_y⟩ (full)
f_VW
f_y
0
500
1000
1500
2000
2500
3000

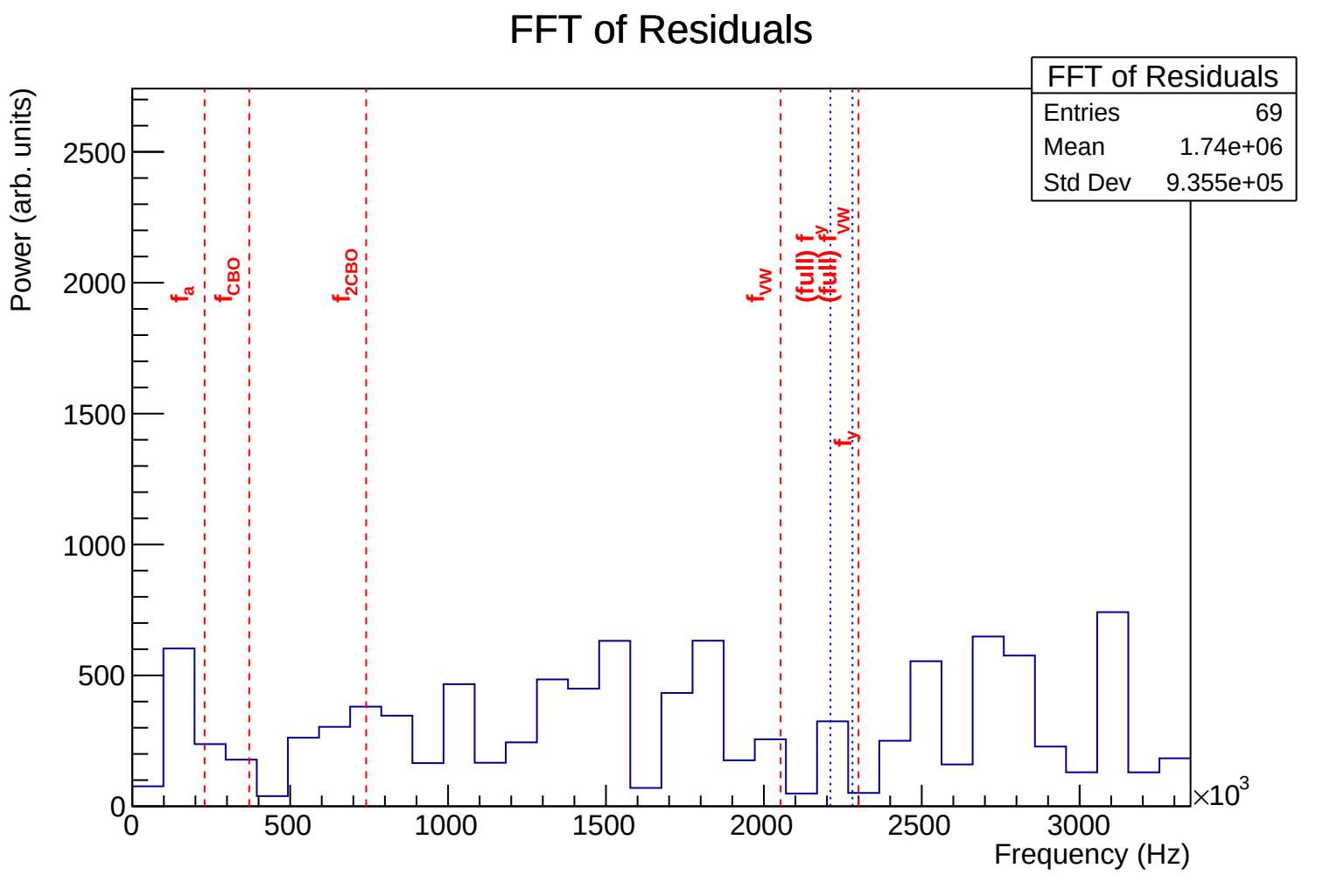

windowDat
windowDat
Entries 69
Mean 349.1
Std Dev 2.993
16000
14000
12000
10000
8000
344
346
348
350
352
354

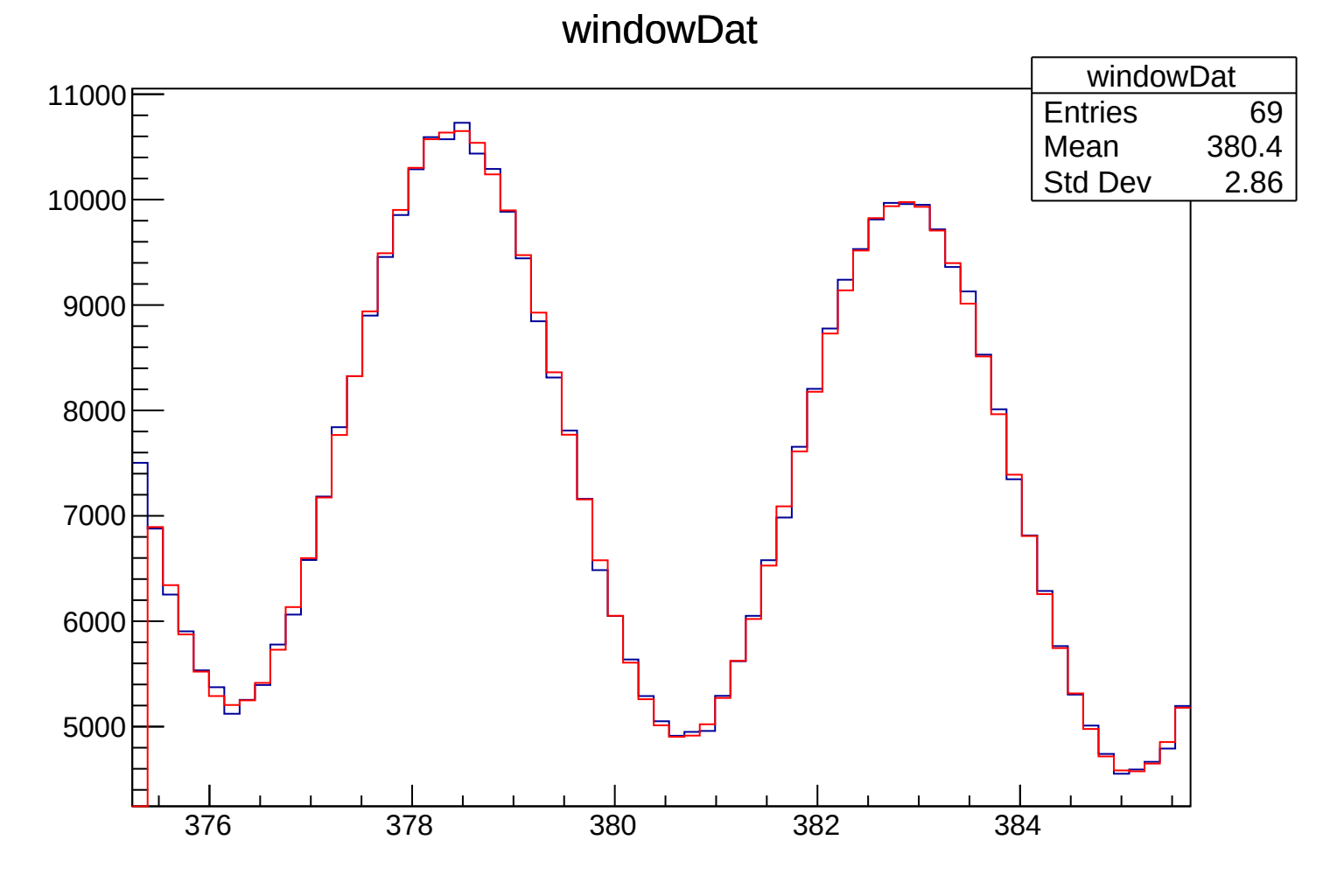

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.603e+06
Std Dev 1e+06
Power (arb. units)
Frequency (Hz)
×10^3
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y,VW
f_y

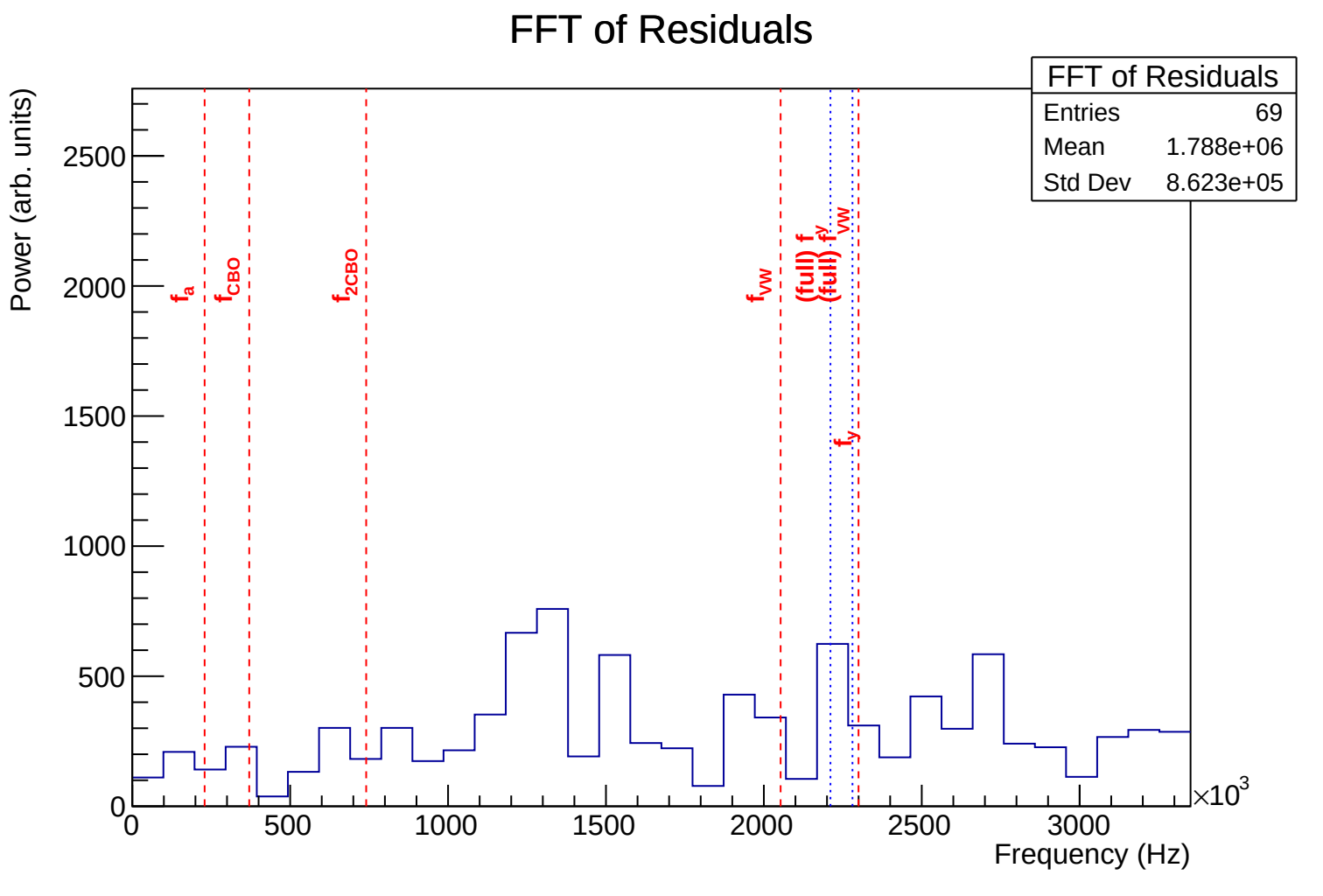

windowDat
windowDat
Entries 69
Mean 359.4
Std Dev 2.932
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
356
358
360
362
364

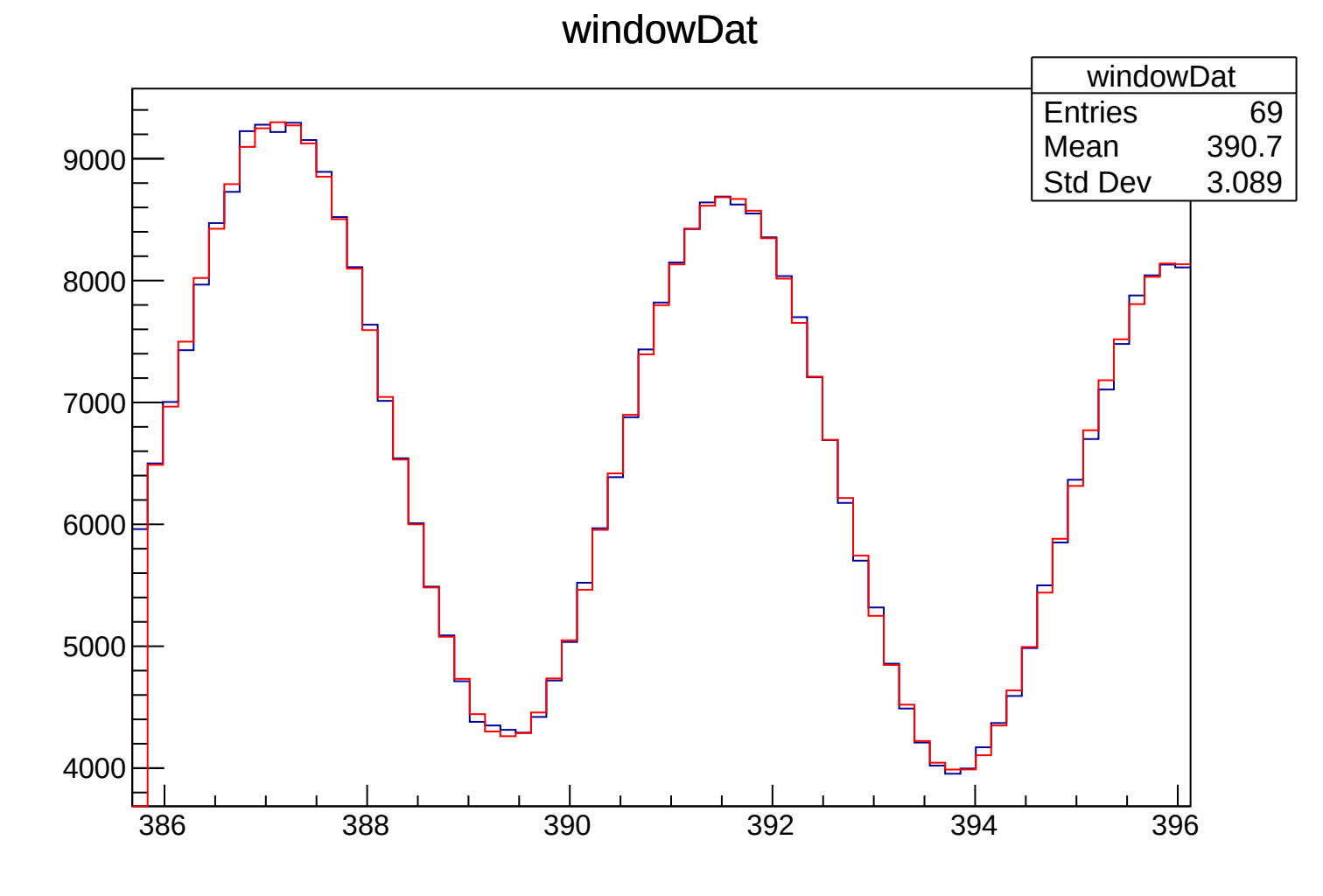

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.561e+06
Std Dev 9.224e+05
Power (arb. units)
Frequency (Hz)
$\times 10^3$
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$\langle f \rangle_{full}$
$\langle f_y \rangle_{full}$
f_{VW}
f_y
0
500
1000
1500
2000
2500
3000

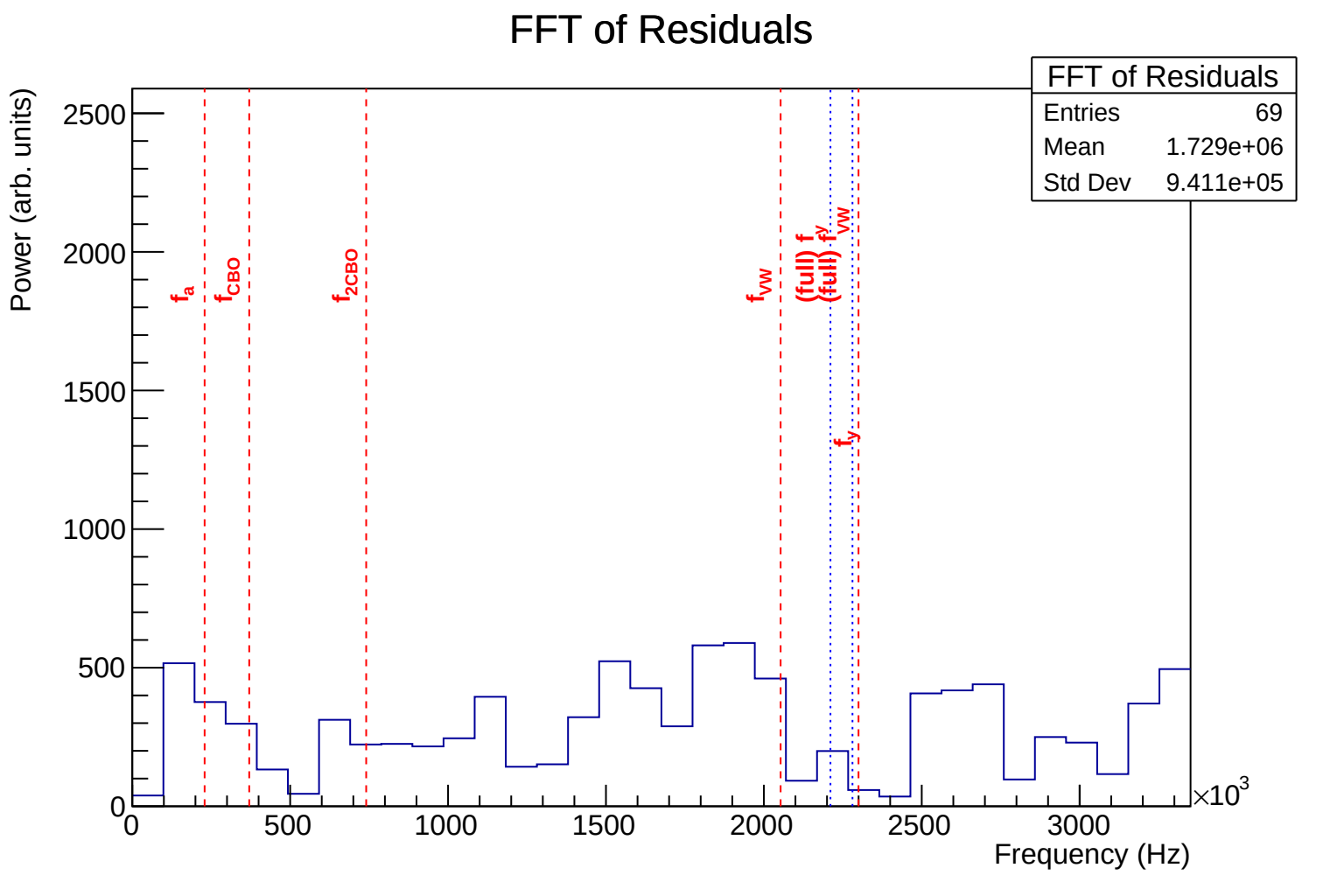

windowDat
windowDat
Entries 69
Mean 369.9
Std Dev 3.144
13000
12000
11000
10000
9000
8000
7000
6000
366
368
370
372
374

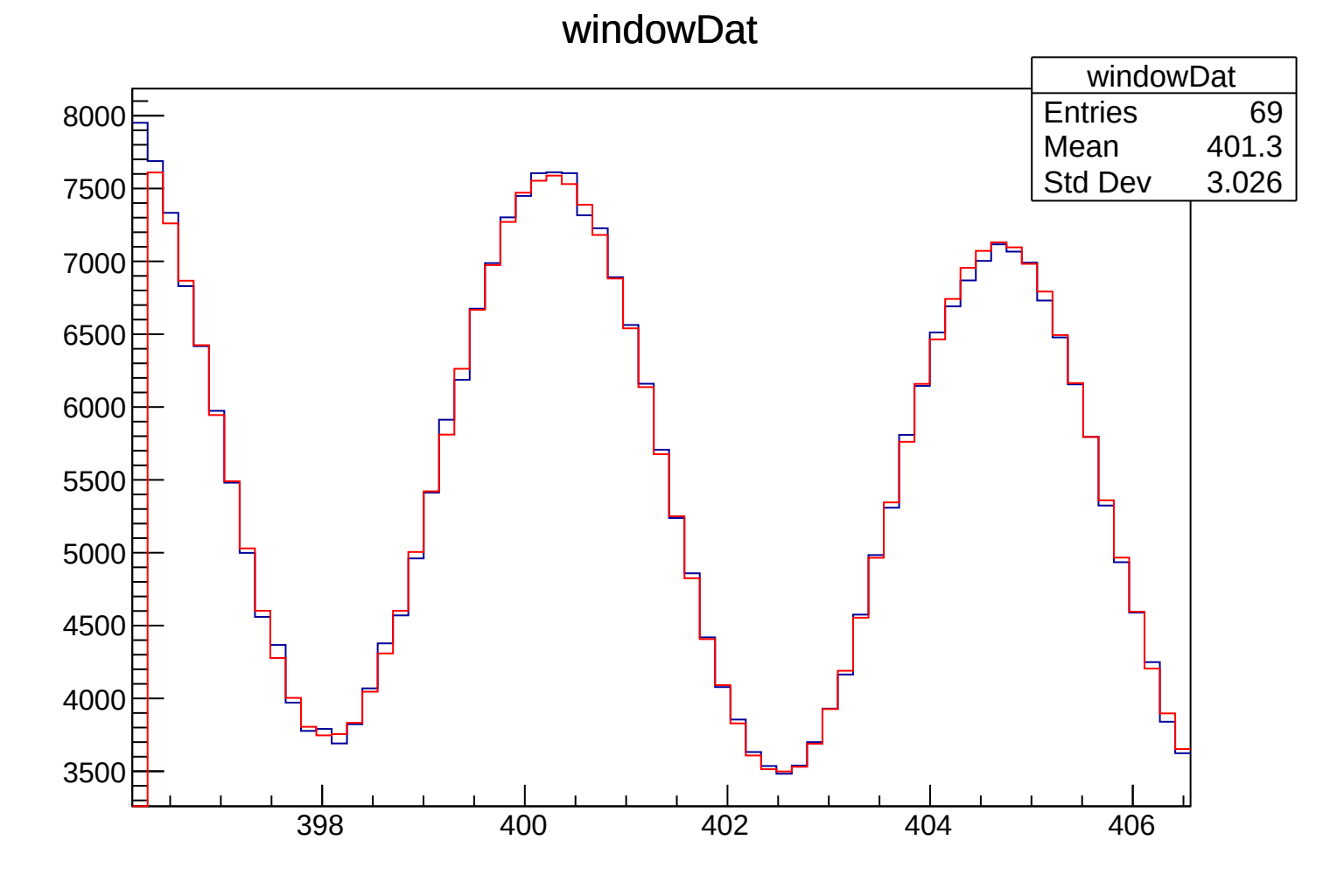

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.74e+06
Std Dev 9.355e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000

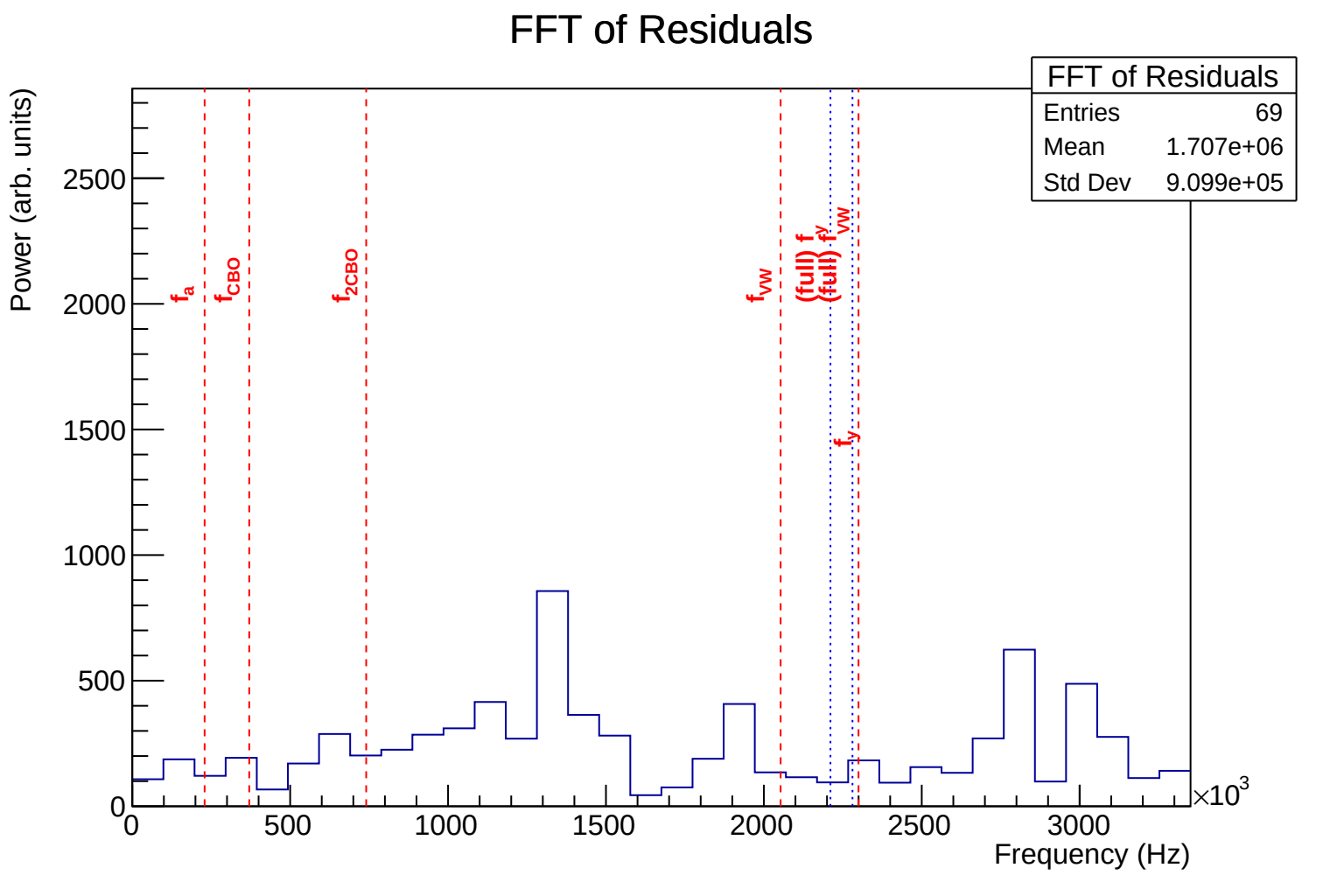

windowDat
windowDat
Entries 69
Mean 380.4
Std Dev 2.86
11000
10000
9000
8000
7000
6000
5000
376
378
380
382
384

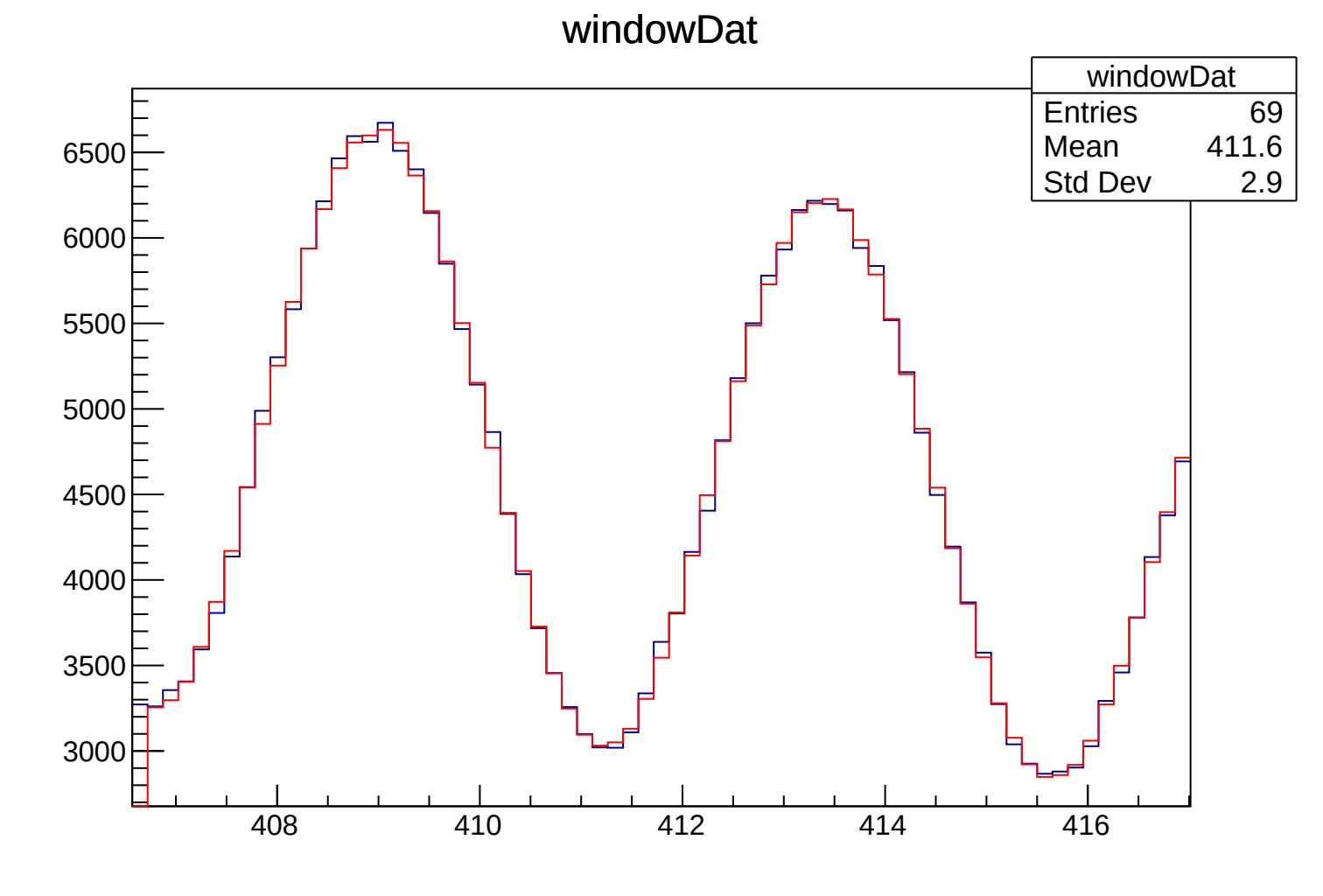

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.788e+06
Std Dev 8.623e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y


windowDat
windowDat
Entries 69
Mean 390.7
Std Dev 3.089
9000
8000
7000
6000
5000
4000
386
388
390
392
394
396


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.729e+06
Std Dev 9.411e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 69
Mean 401.3
Std Dev 3.026
8000
7500
7000
6500
6000
5500
5000
4500
4000
3500
398
400
402
404
406


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.707e+06
Std Dev 9.099e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 69
Mean 411.6
Std Dev 2.9
6500
6000
5500
5000
4500
4000
3500
3000
408
410
412
414
416