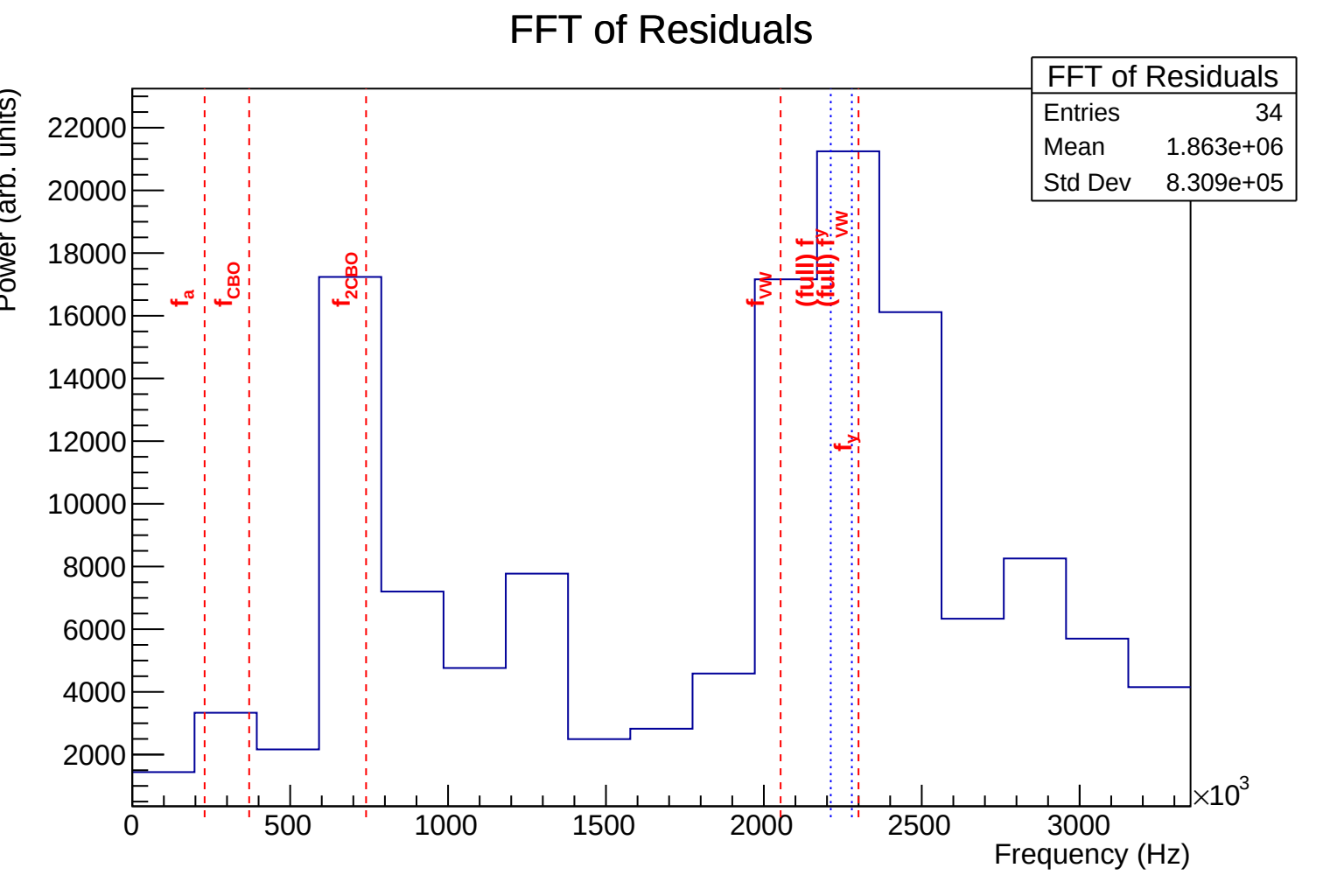
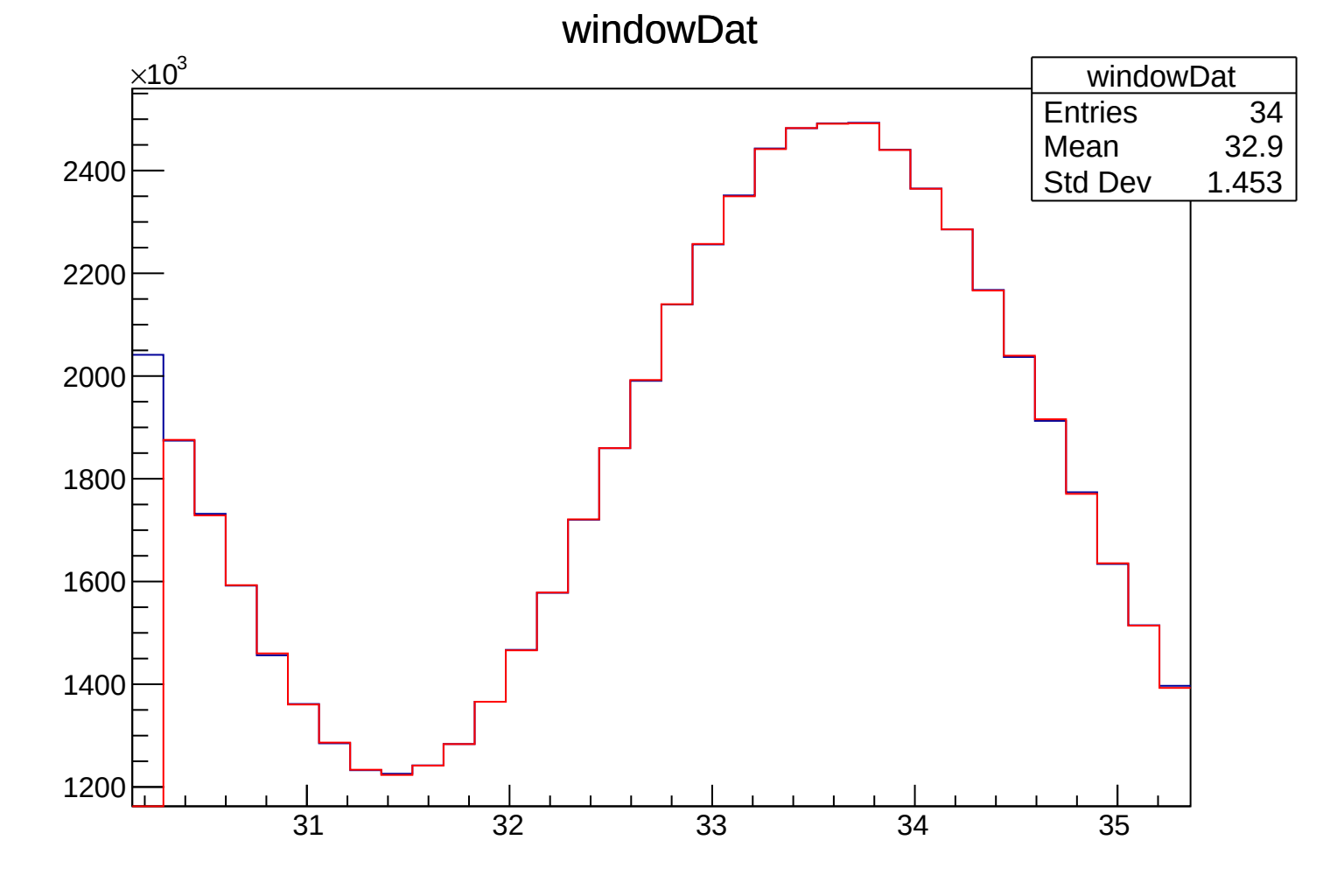
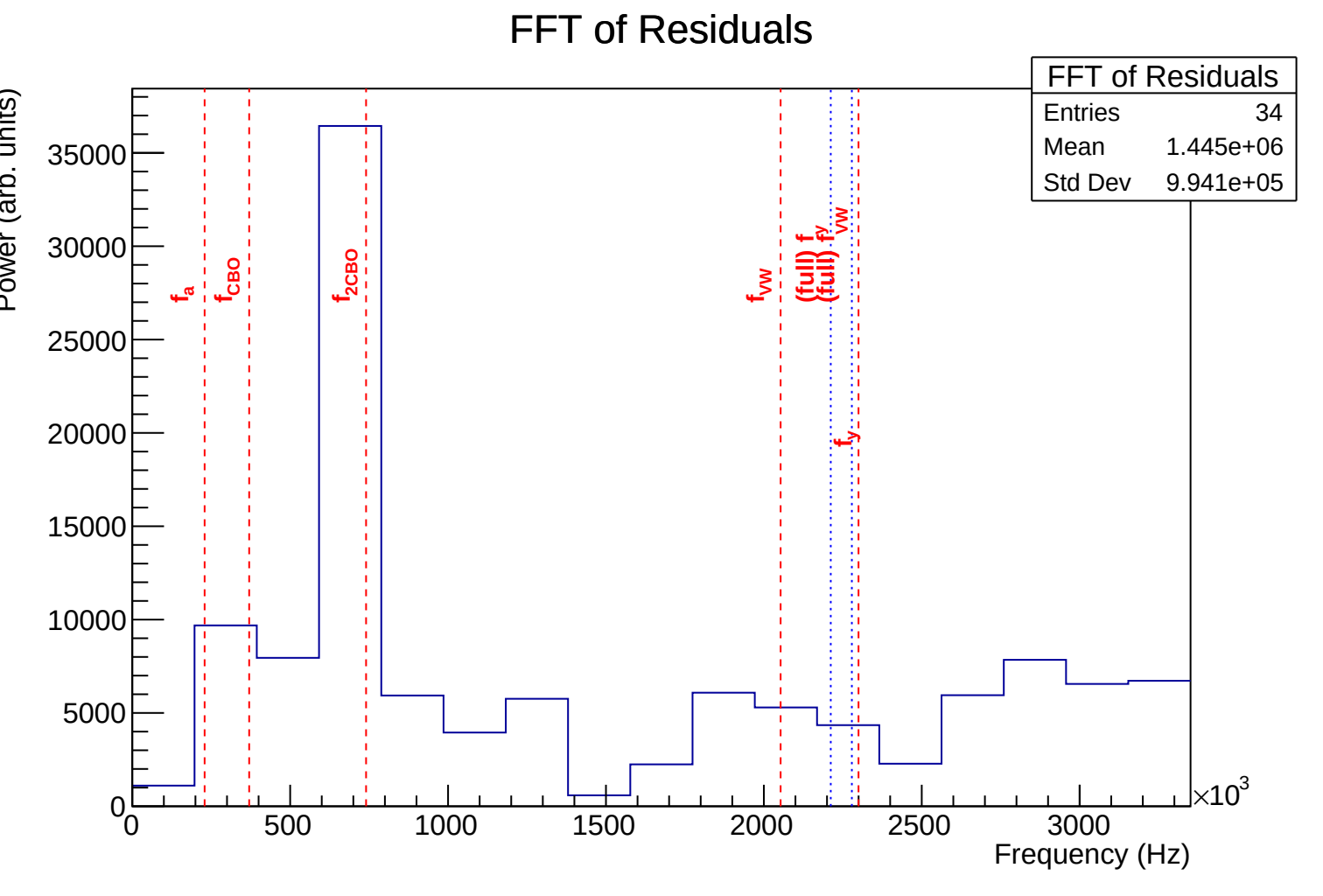
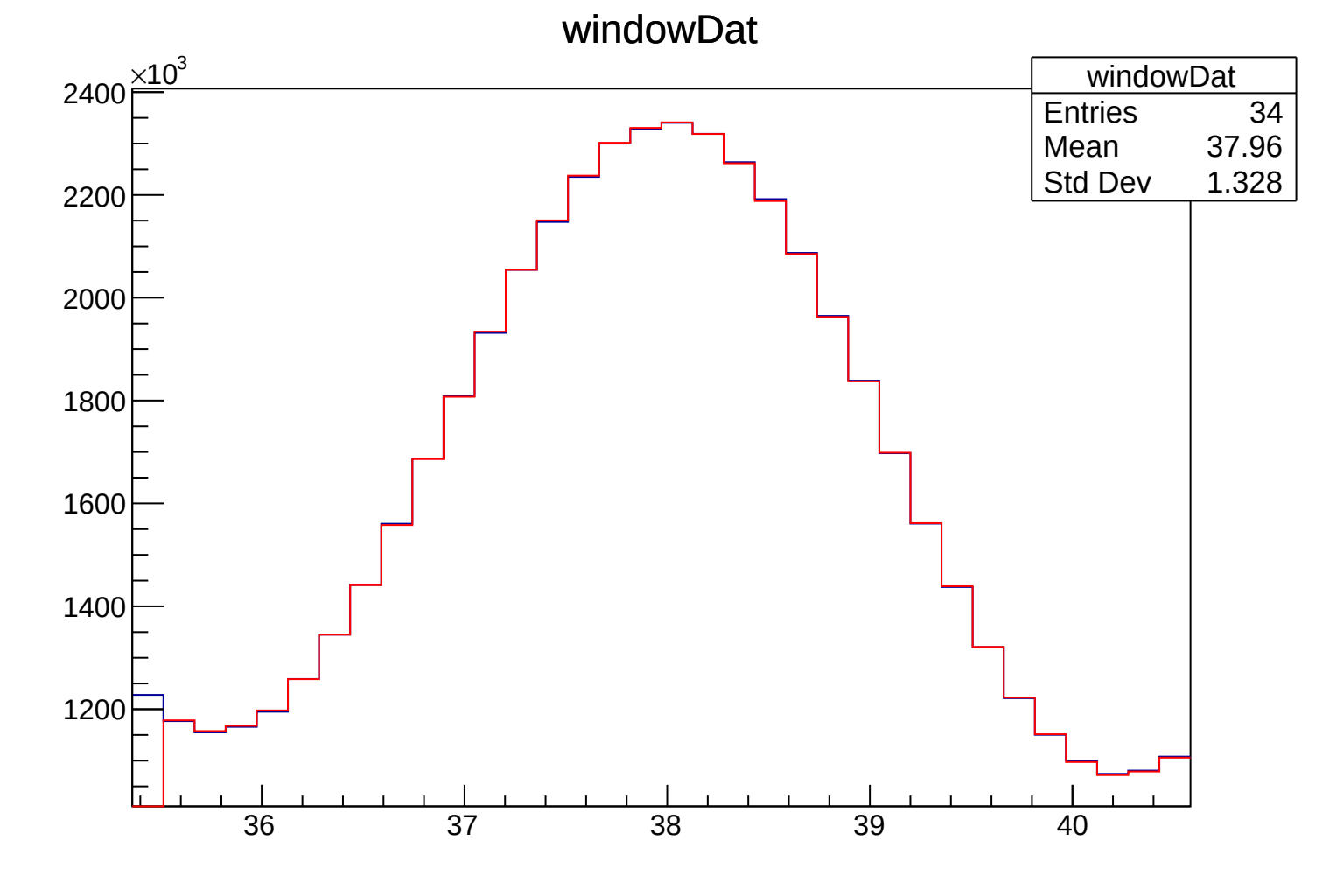
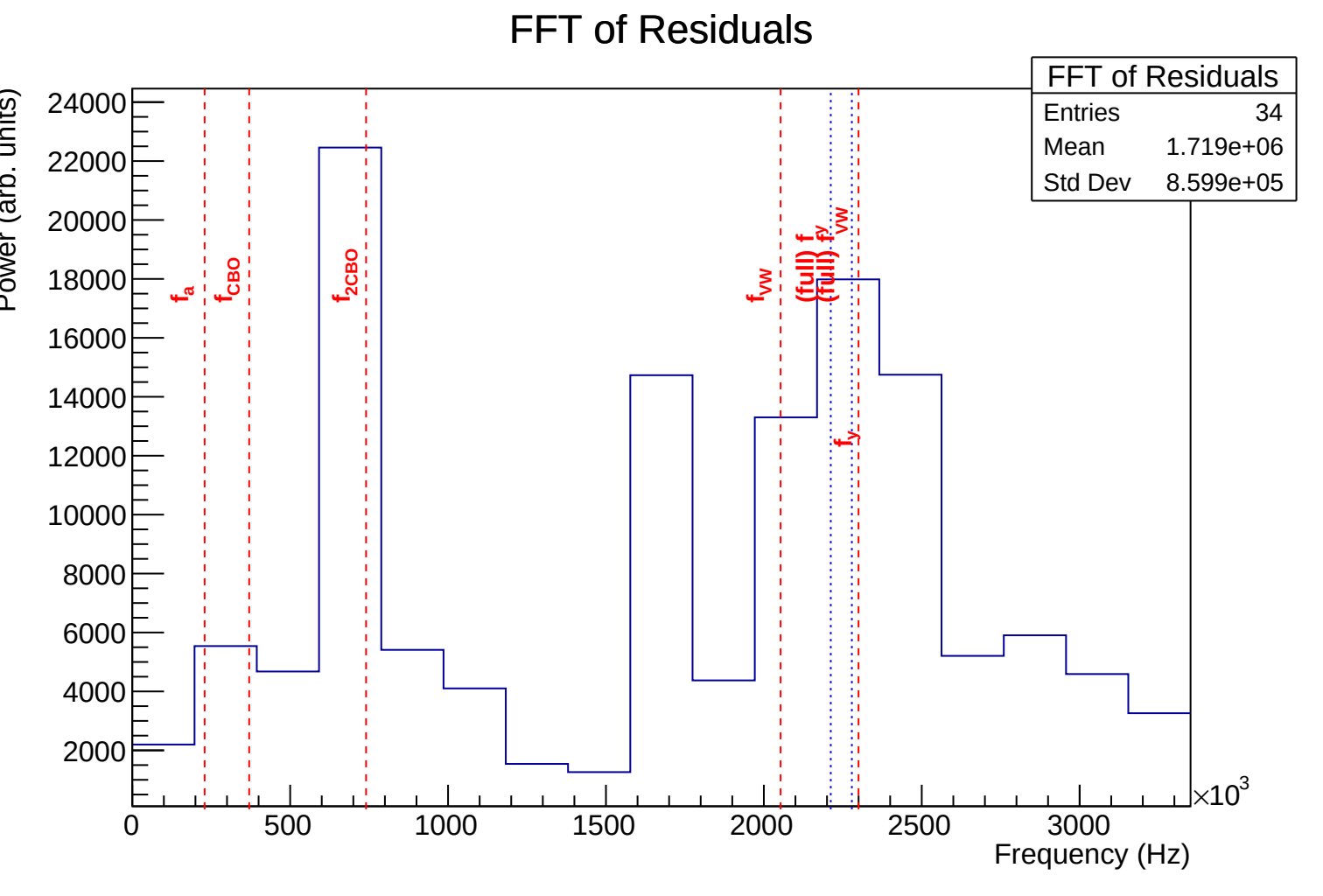
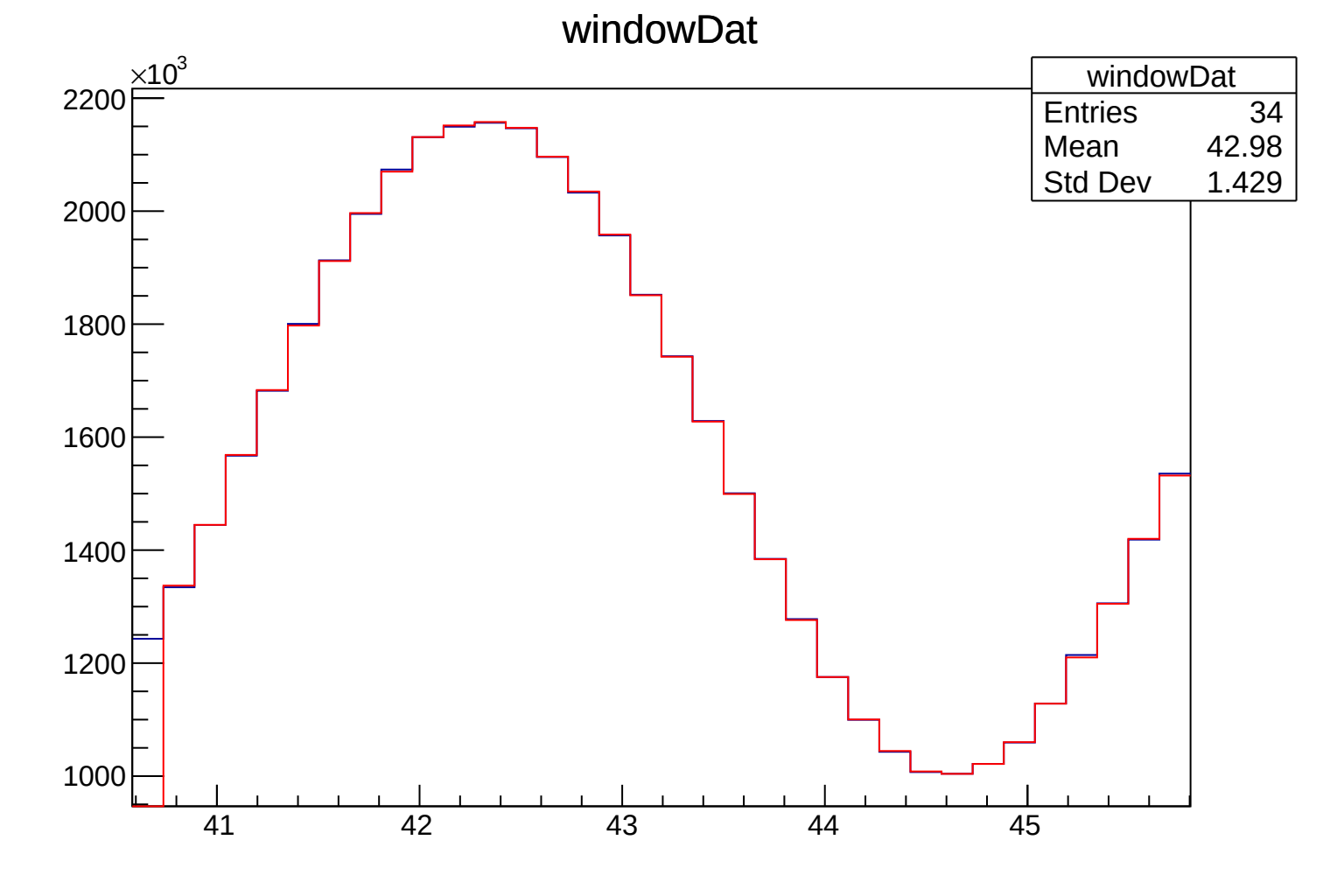

FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.863e+06
Std Dev 8.309e+05
Power (arb. units)
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
⟨(full) f_VW⟩
⟨(full) f_y⟩
f_y

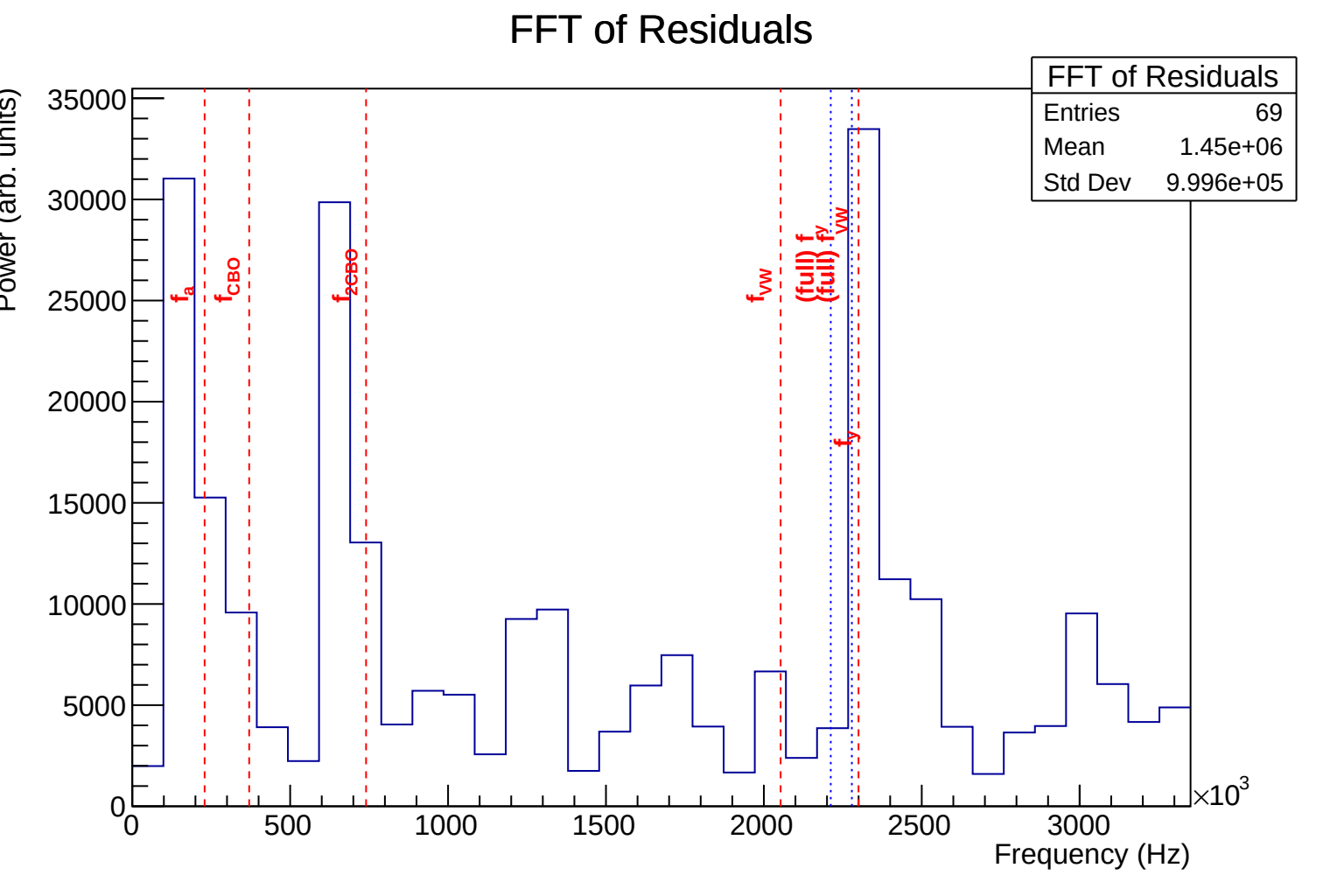

windowDat
×10^3
2400
2200
2000
1800
1600
1400
1200
31
32
33
34
35
windowDat
Entries 34
Mean 32.9
Std Dev 1.453

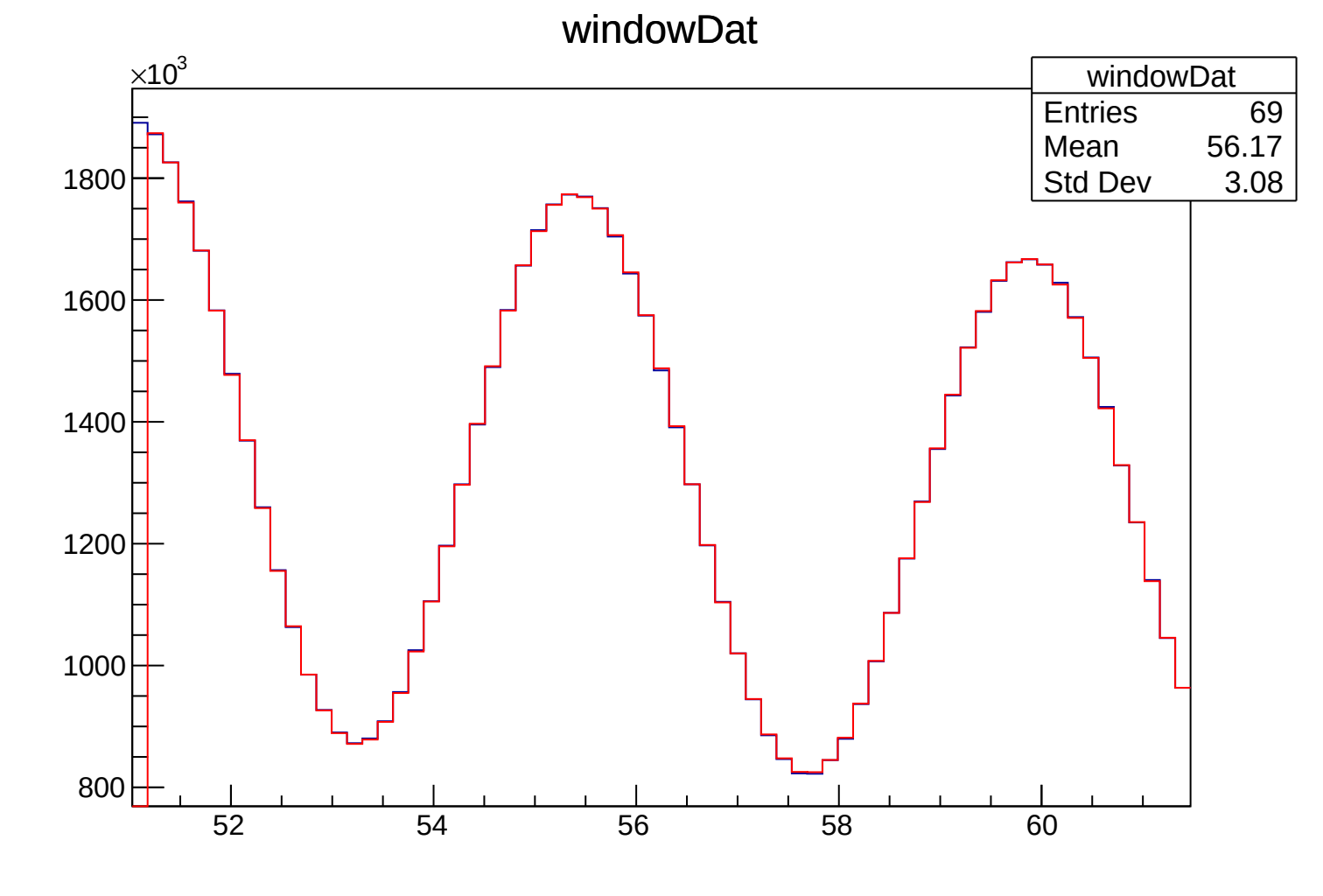

FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.445e+06
Std Dev 9.941e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
5000
10000
15000
20000
25000
30000
35000
0
500
1000
1500
2000
2500
3000

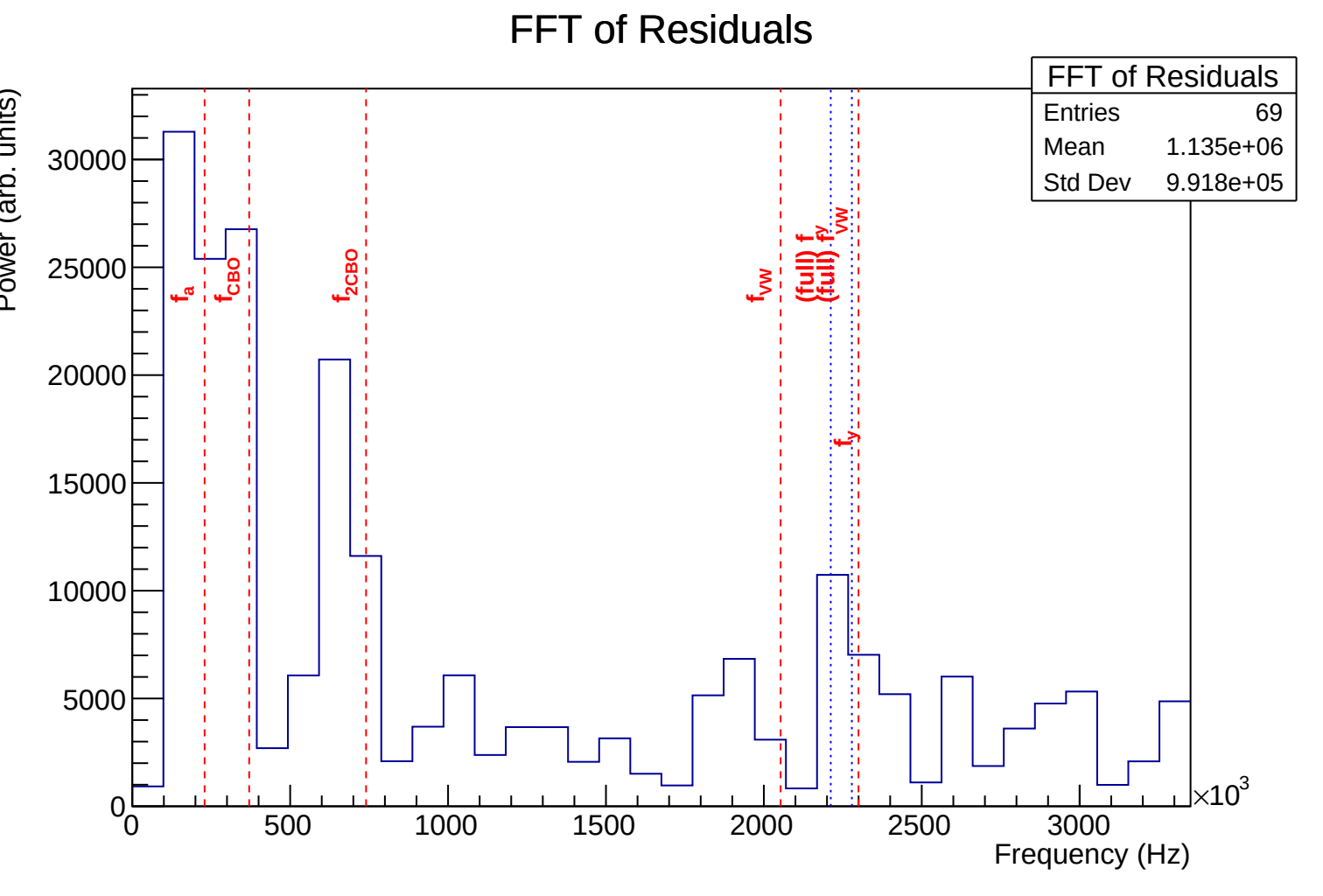

windowDat
×10^3
2400
2200
2000
1800
1600
1400
1200
36
37
38
39
40
windowDat
Entries 34
Mean 37.96
Std Dev 1.328


FFT of Residuals
FFT of Residuals
Entries 34
Mean 1.719e+06
Std Dev 8.599e+05
Power (arb. units)
24000
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y VW
(full) f_y
f_y

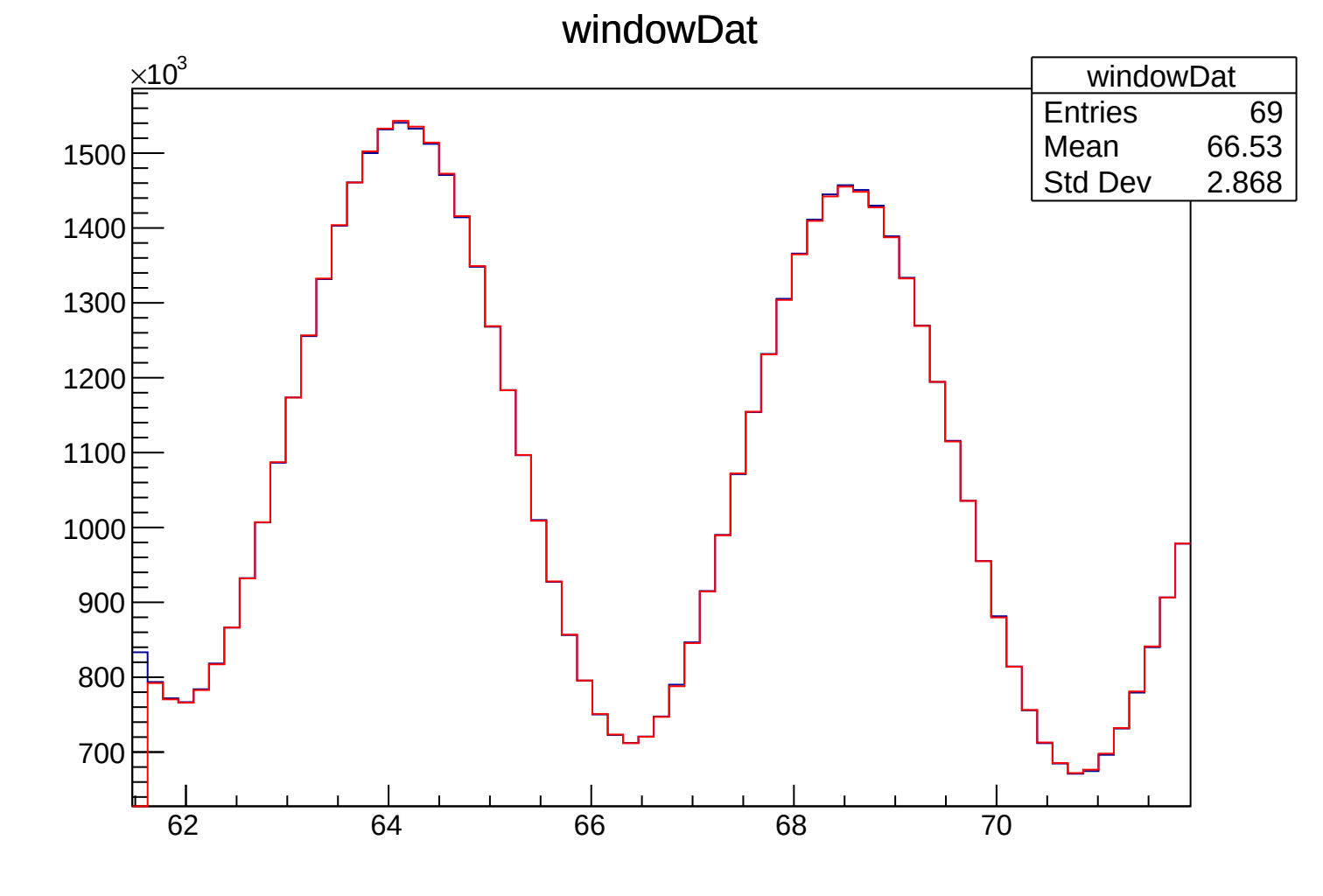

windowDat
×10^3
2200
2000
1800
1600
1400
1200
1000
41
42
43
44
45
windowDat
Entries 34
Mean 42.98
Std Dev 1.429

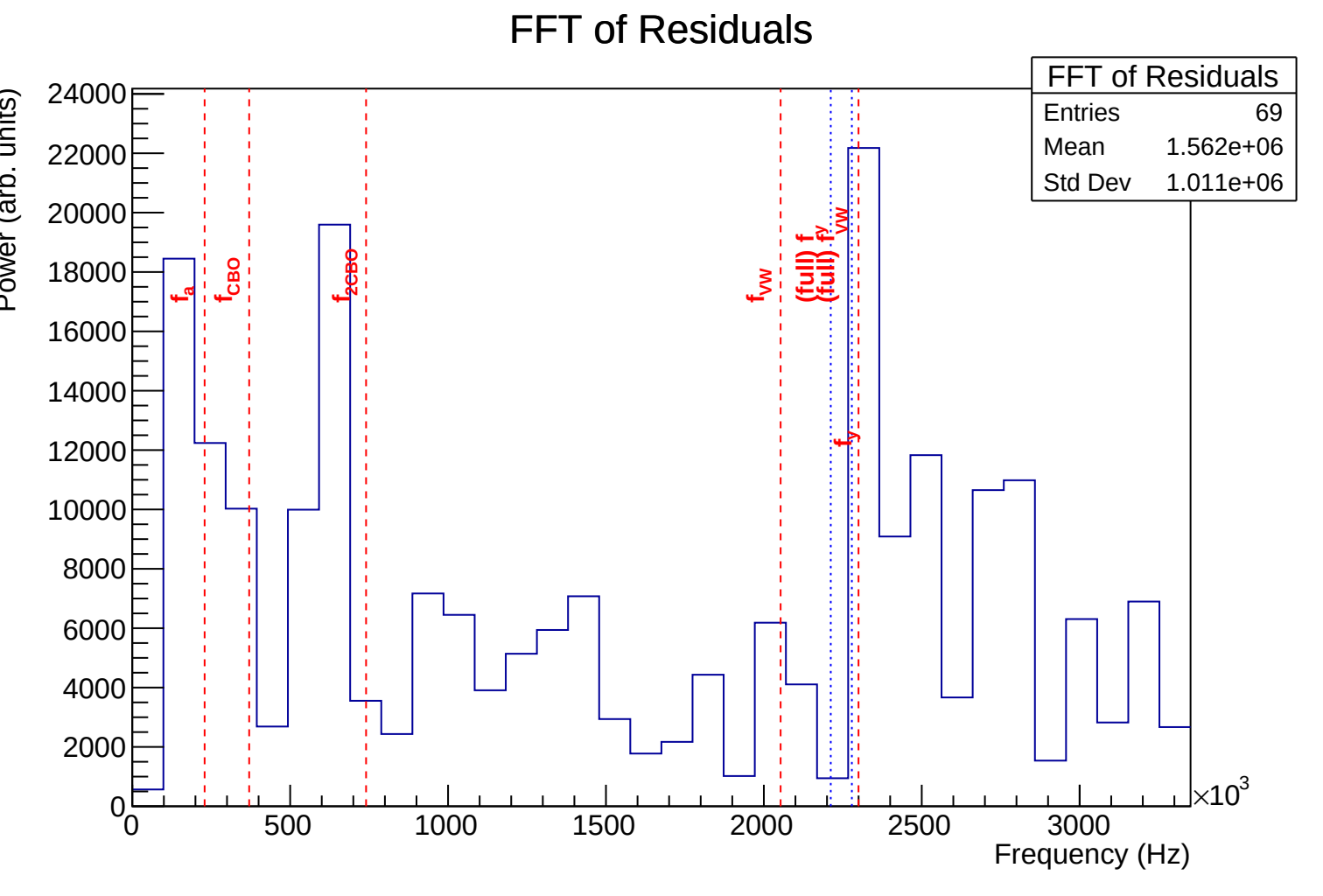

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.45e+06
Std Dev 9.996e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
f_y
0
5000
10000
15000
20000
25000
30000
35000
0
500
1000
1500
2000
2500
3000

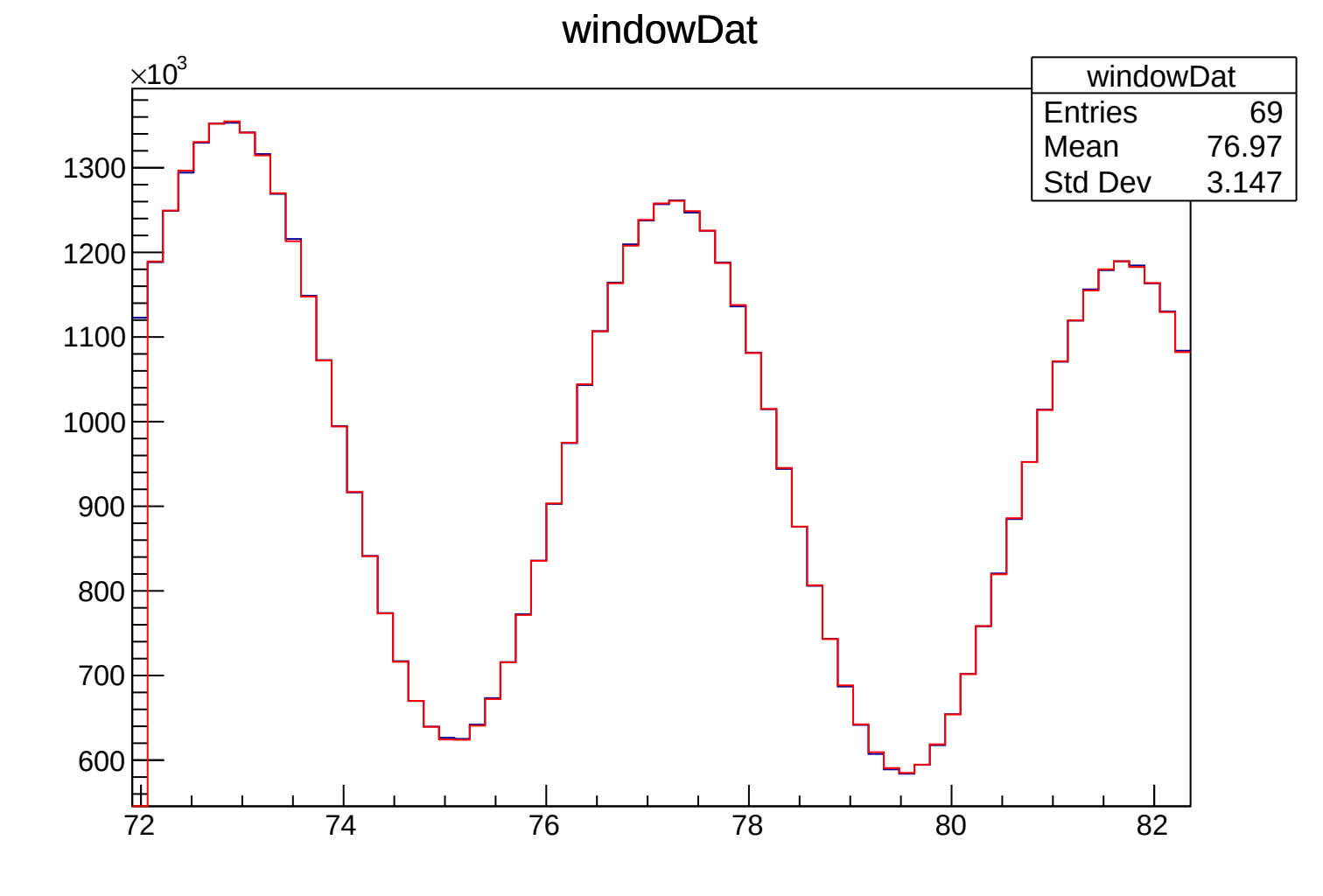

windowDat
×10^3
1800
1600
1400
1200
1000
800
52
54
56
58
60
windowDat
Entries 69
Mean 56.17
Std Dev 3.08

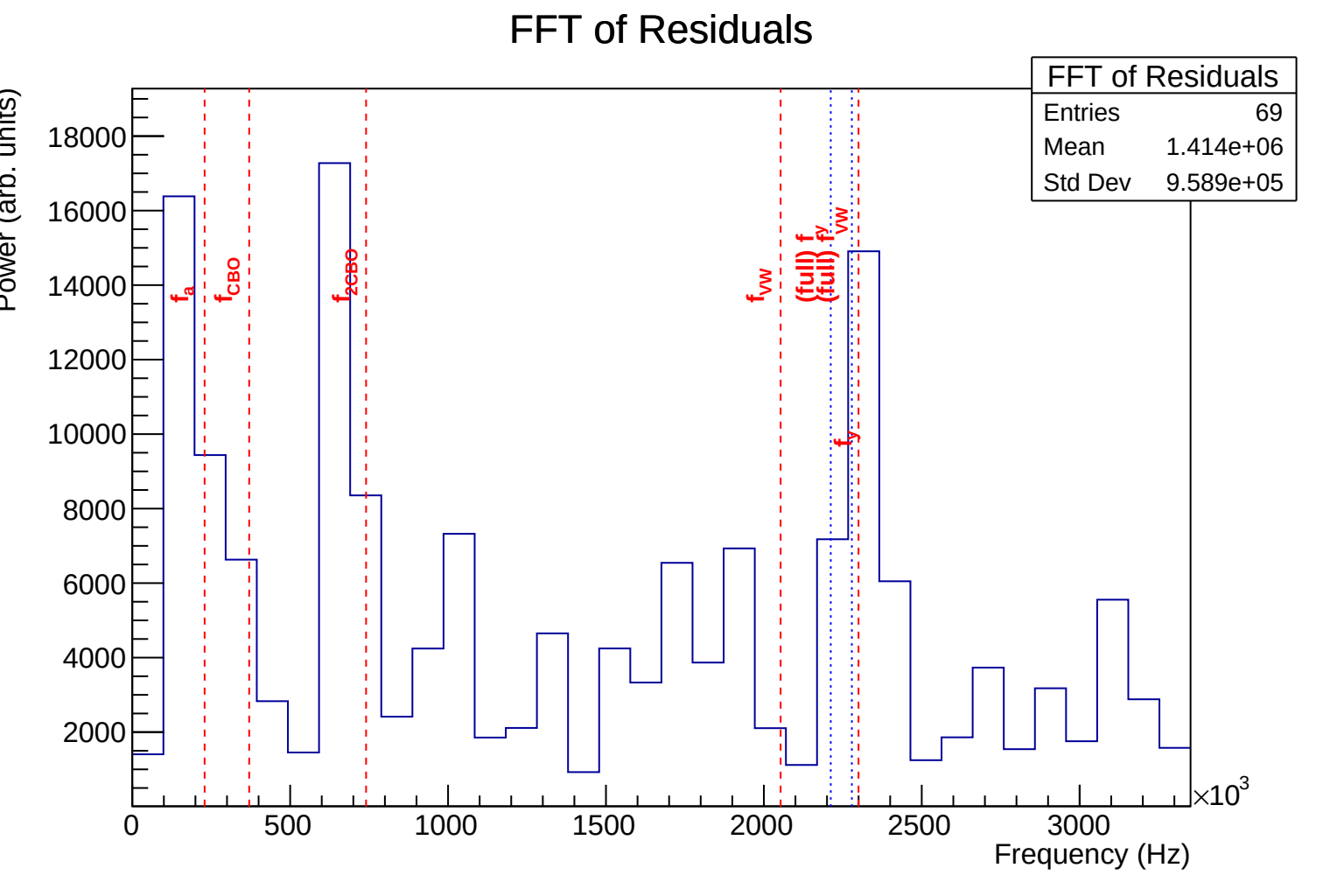


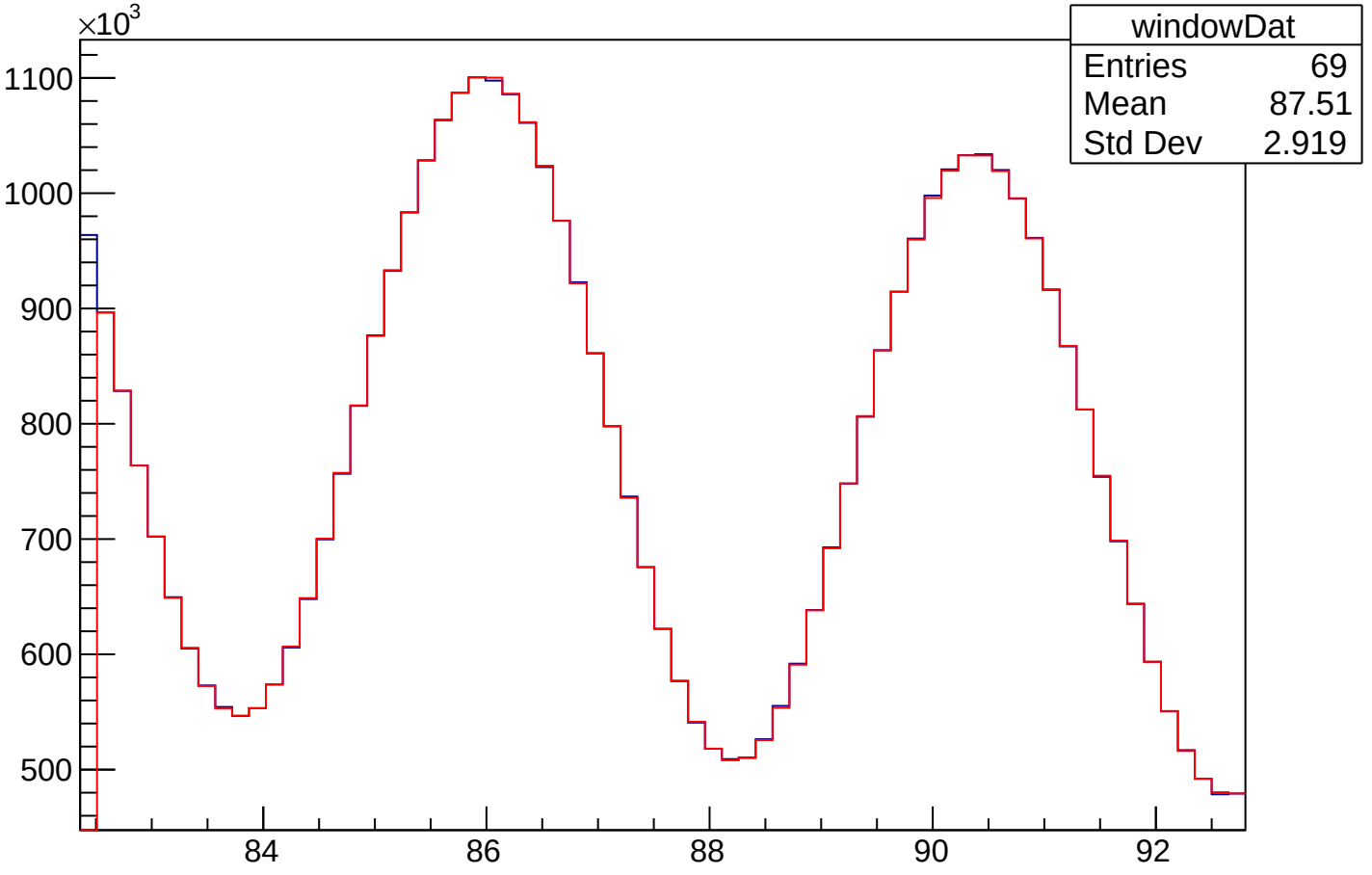
FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.135e+06
Std Dev 9.918e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
5000
10000
15000
20000
25000
30000
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y

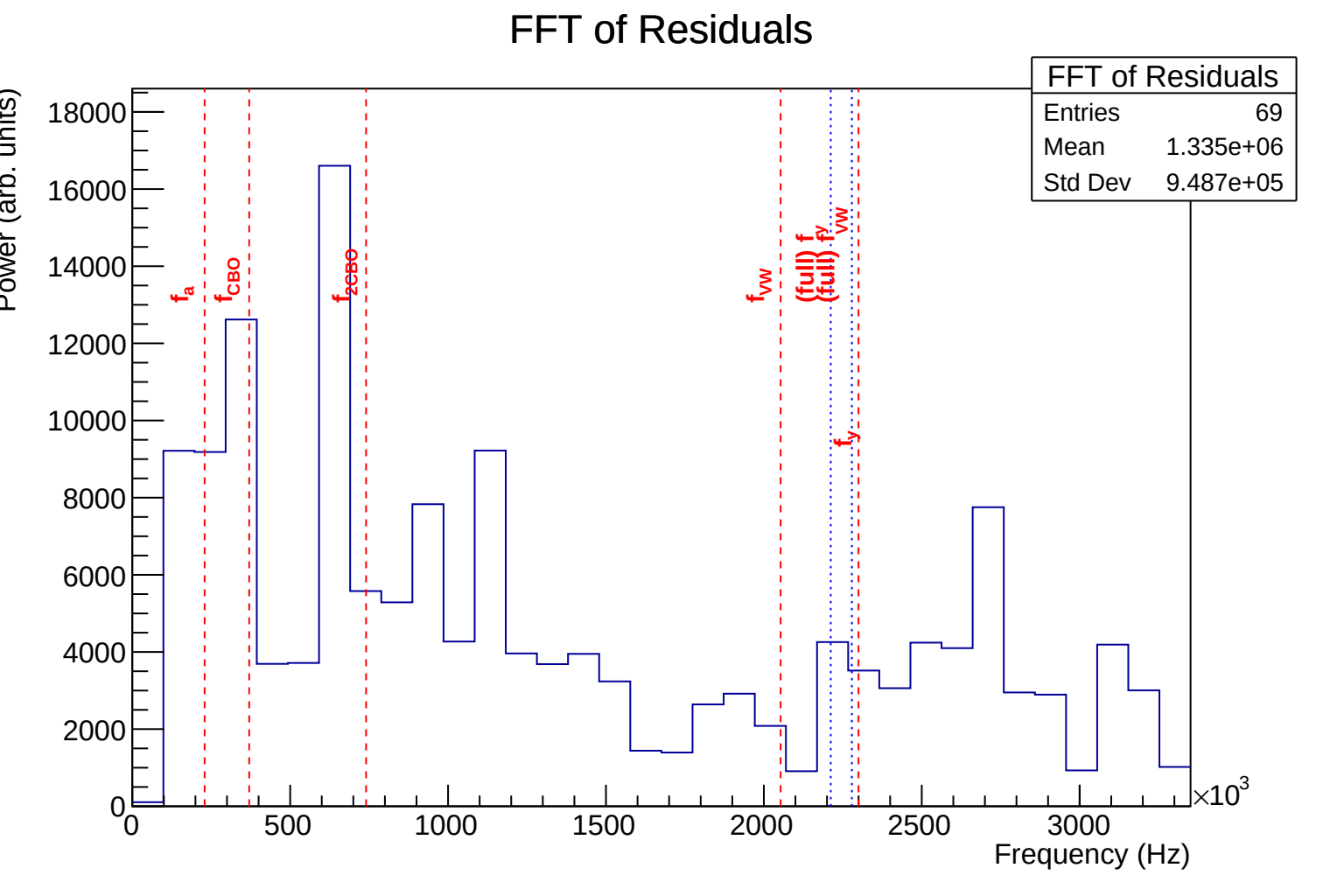

windowDat
×10^3
1500
1400
1300
1200
1100
1000
900
800
700
62
64
66
68
70
windowDat
Entries 69
Mean 66.53
Std Dev 2.868


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.562e+06
Std Dev 1.011e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
24000
0
500
1000
1500
2000
2500
3000

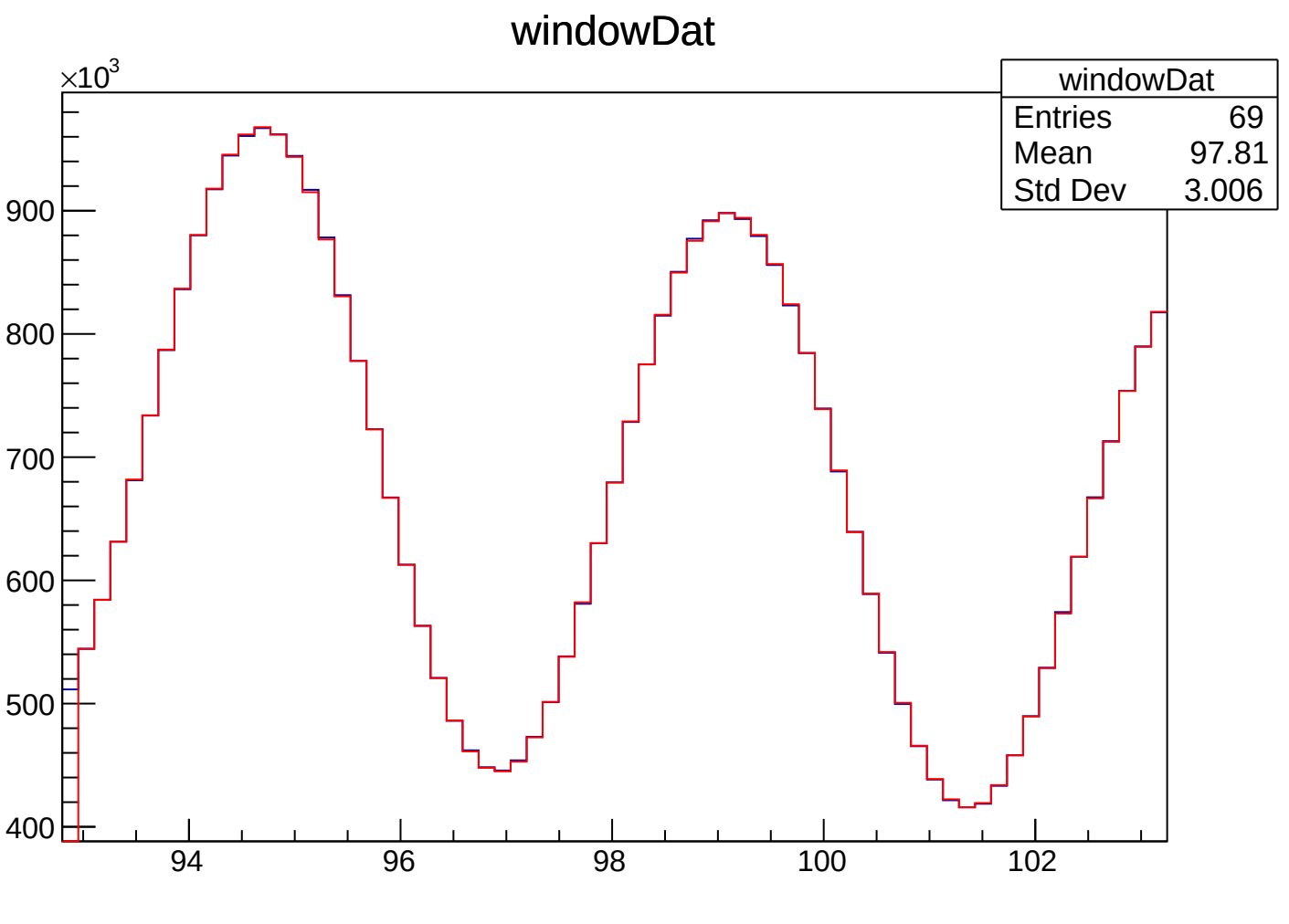

windowDat
×10^3
1300
1200
1100
1000
900
800
700
600
72
74
76
78
80
82
windowDat
Entries 69
Mean 76.97
Std Dev 3.147

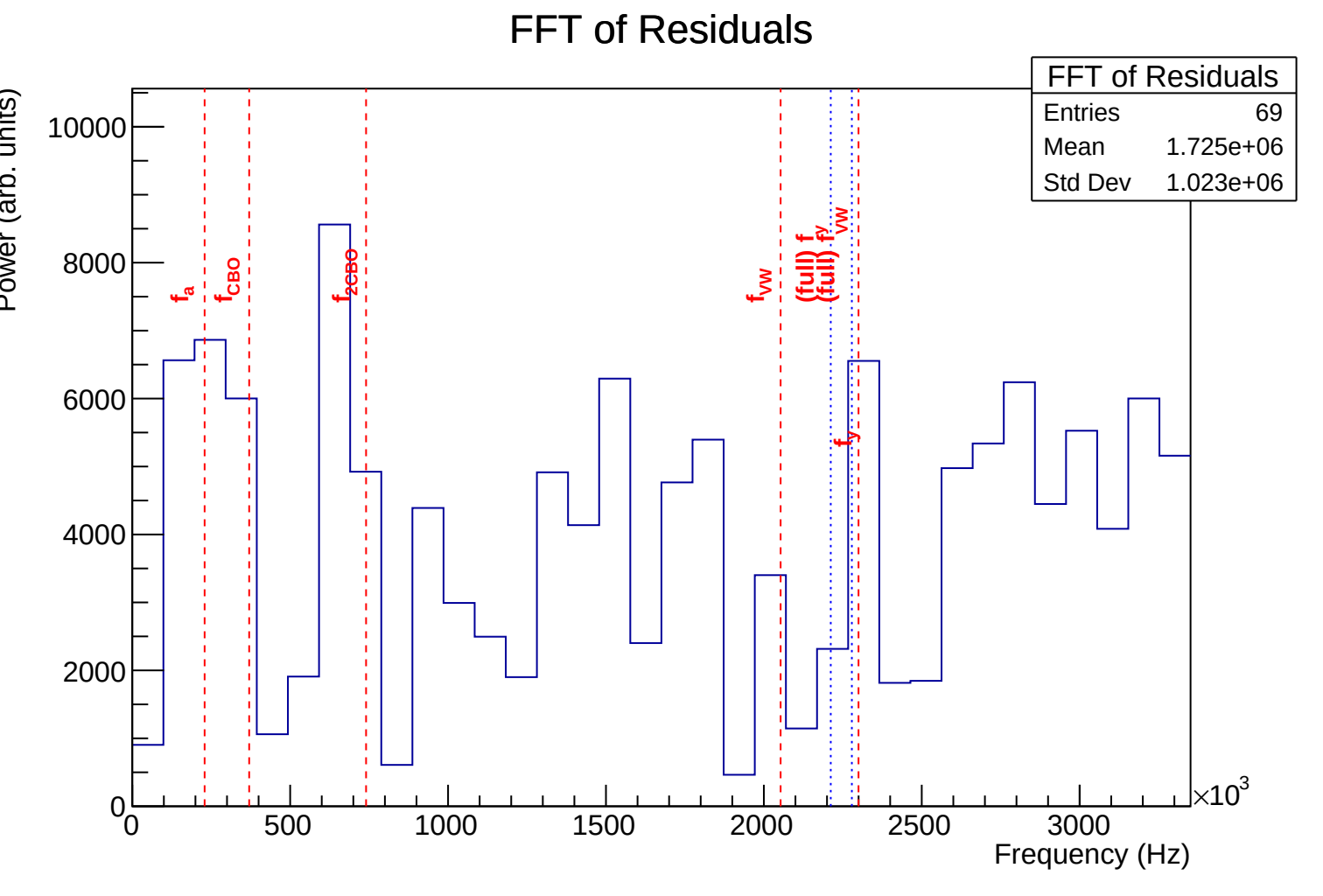

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.414e+06
Std Dev 9.589e+05
Power (arb. units)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y

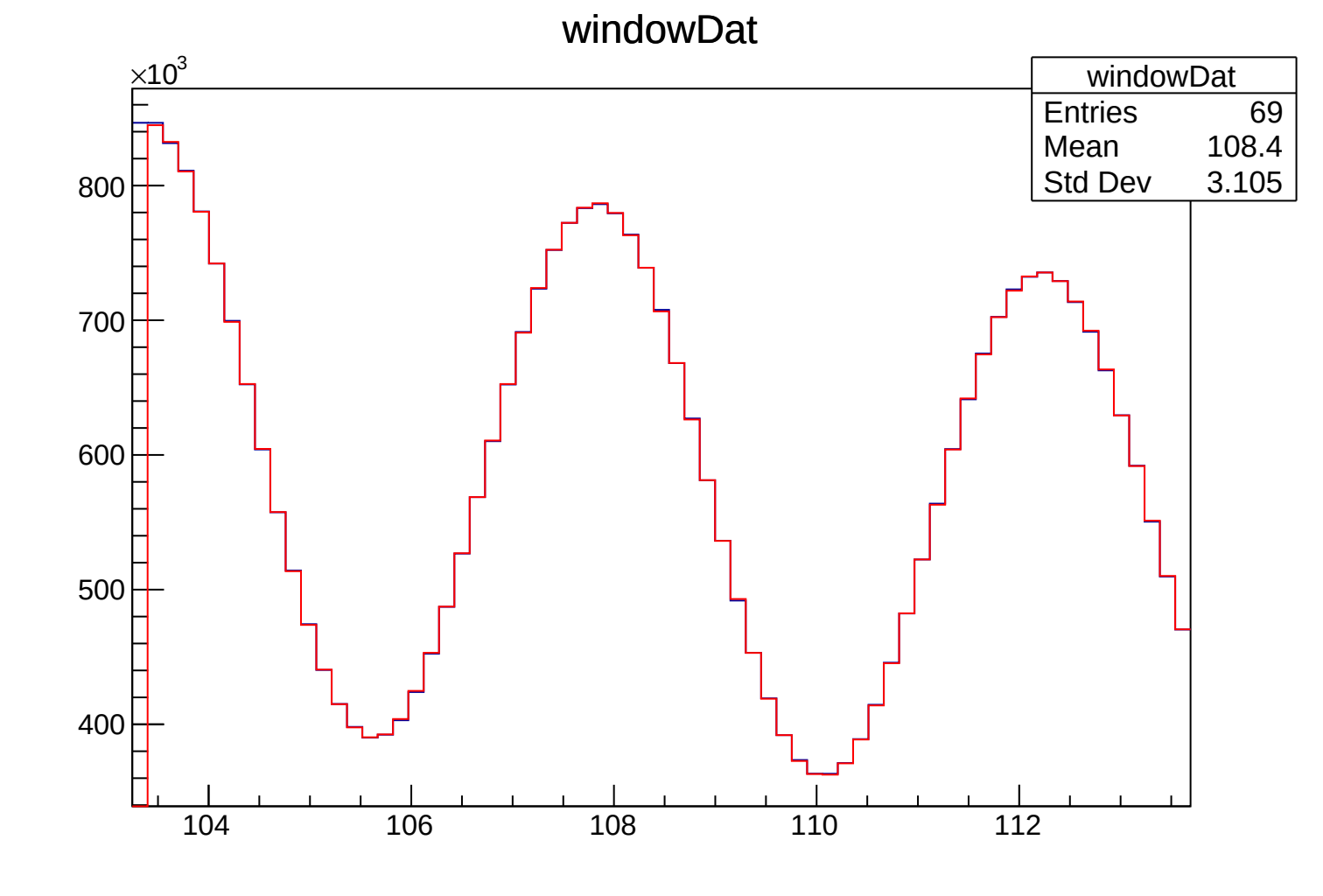

windowDat
×10^3
1100
1000
900
800
700
600
500
84
86
88
90
92
windowDat
Entries 69
Mean 87.51
Std Dev 2.919

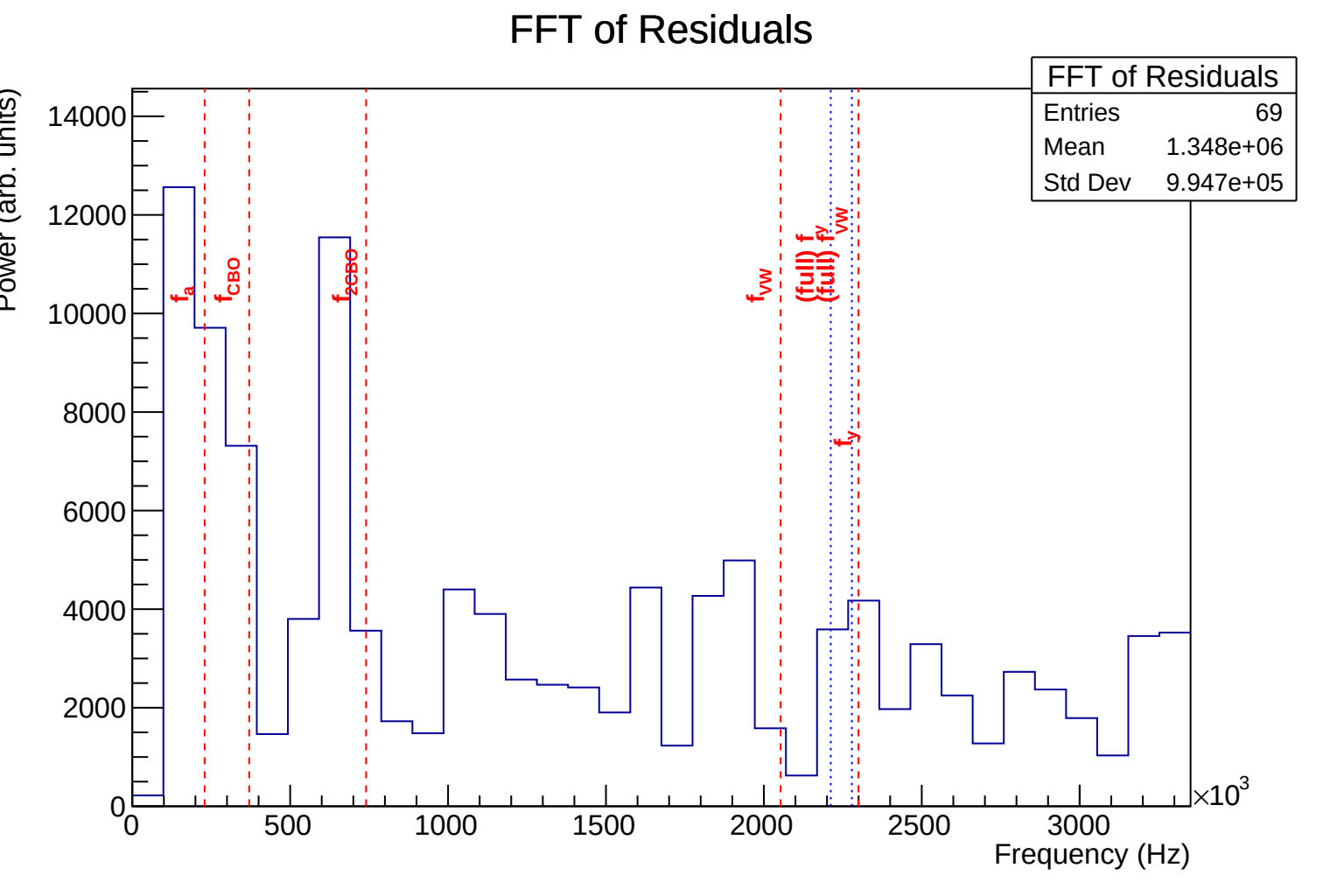


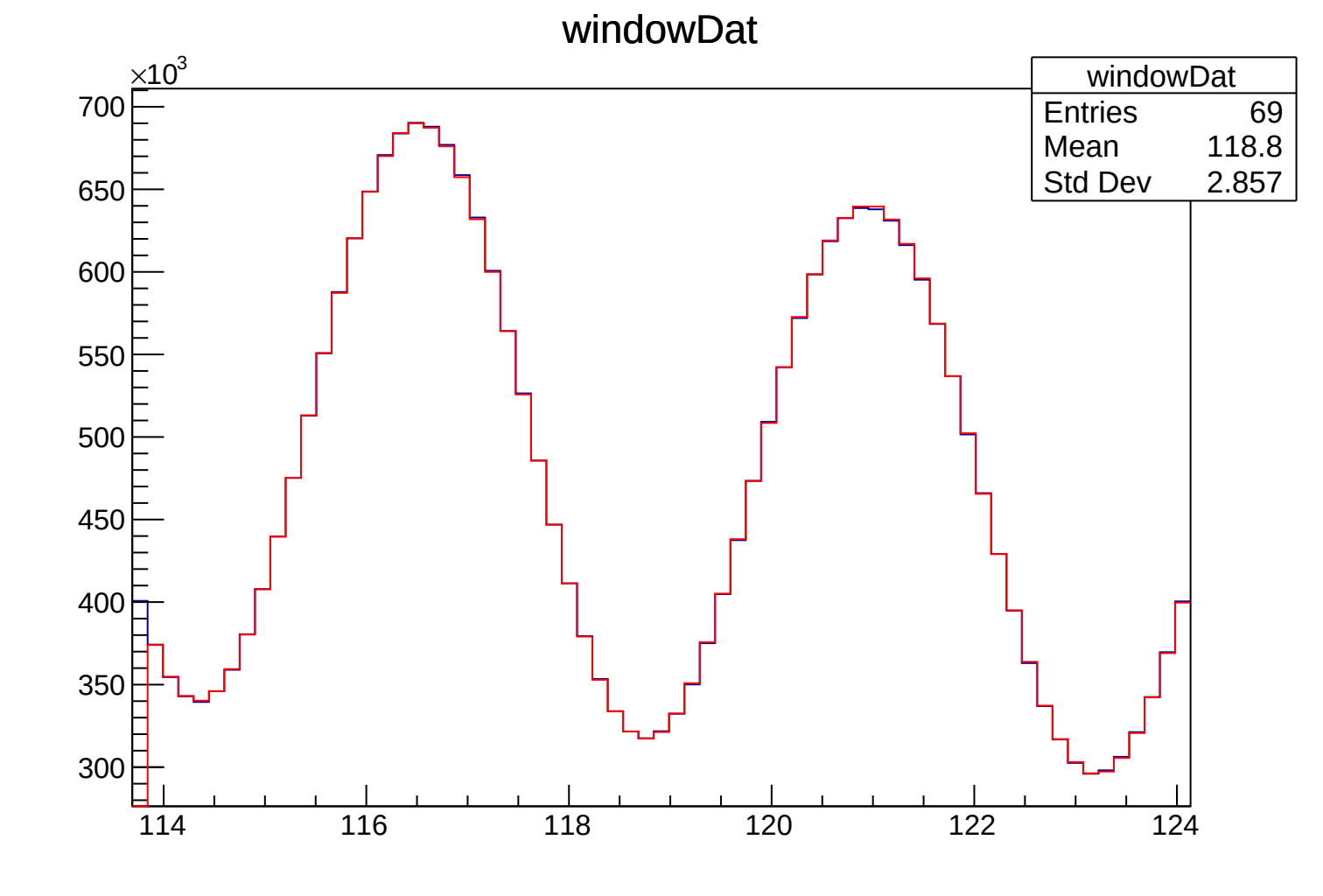
FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.335e+06
Std Dev 9.487e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
0
500
1000
1500
2000
2500
3000

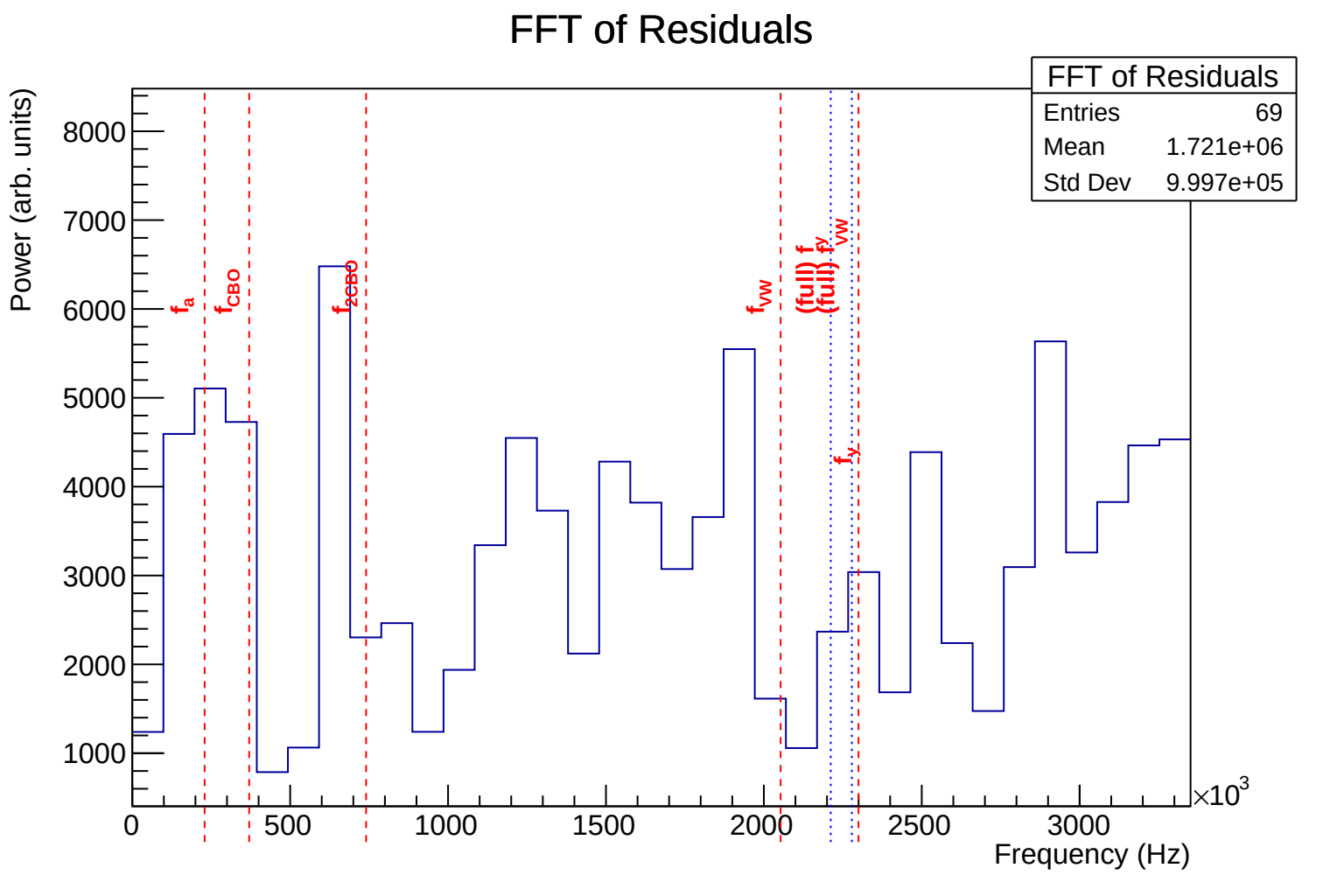

windowDat
×10^3
windowDat
Entries 69
Mean 97.81
Std Dev 3.006
900
800
700
600
500
400
94
96
98
100
102

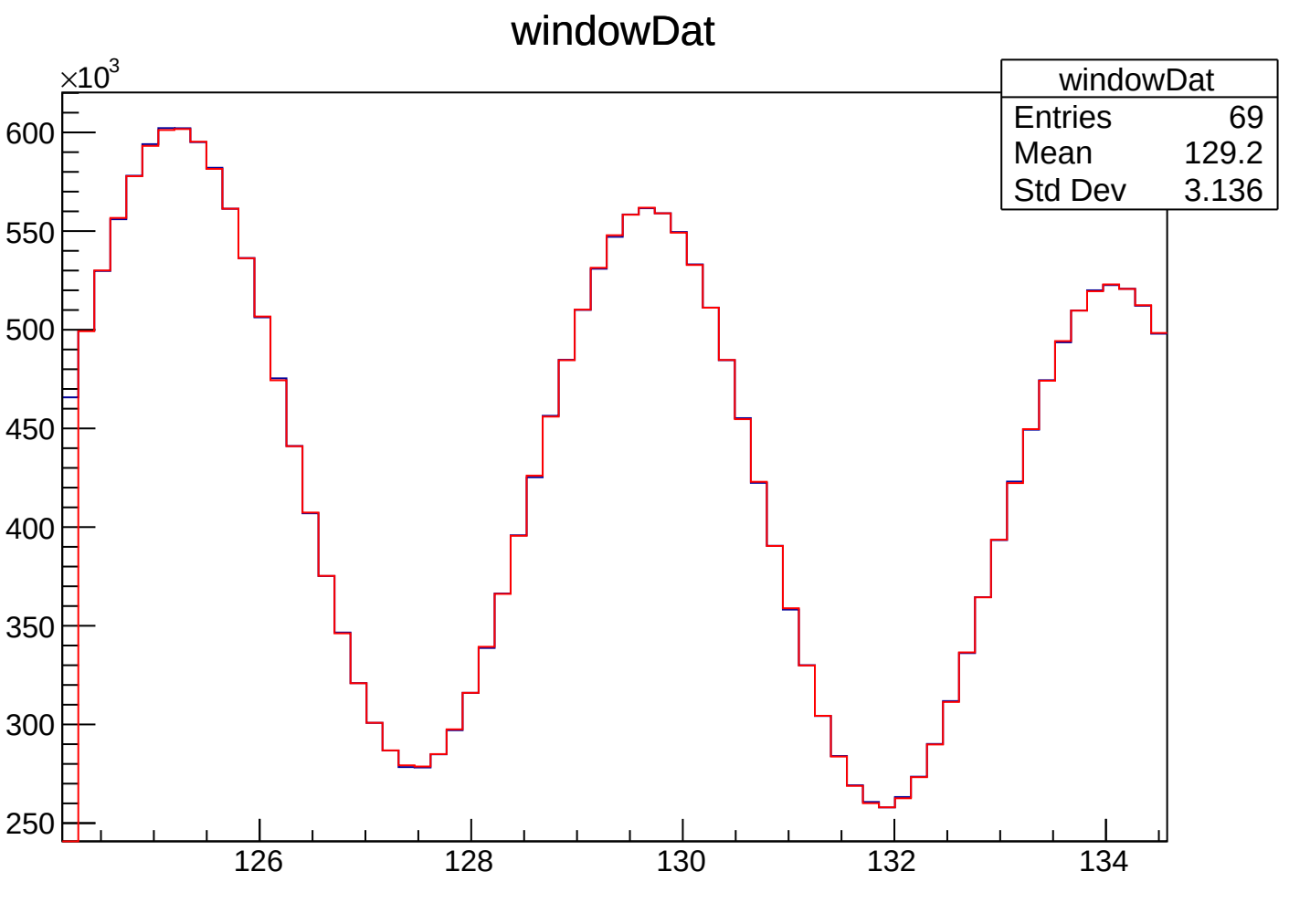

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.725e+06
Std Dev 1.023e+06
Power (arb. units)
10000
8000
6000
4000
2000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y

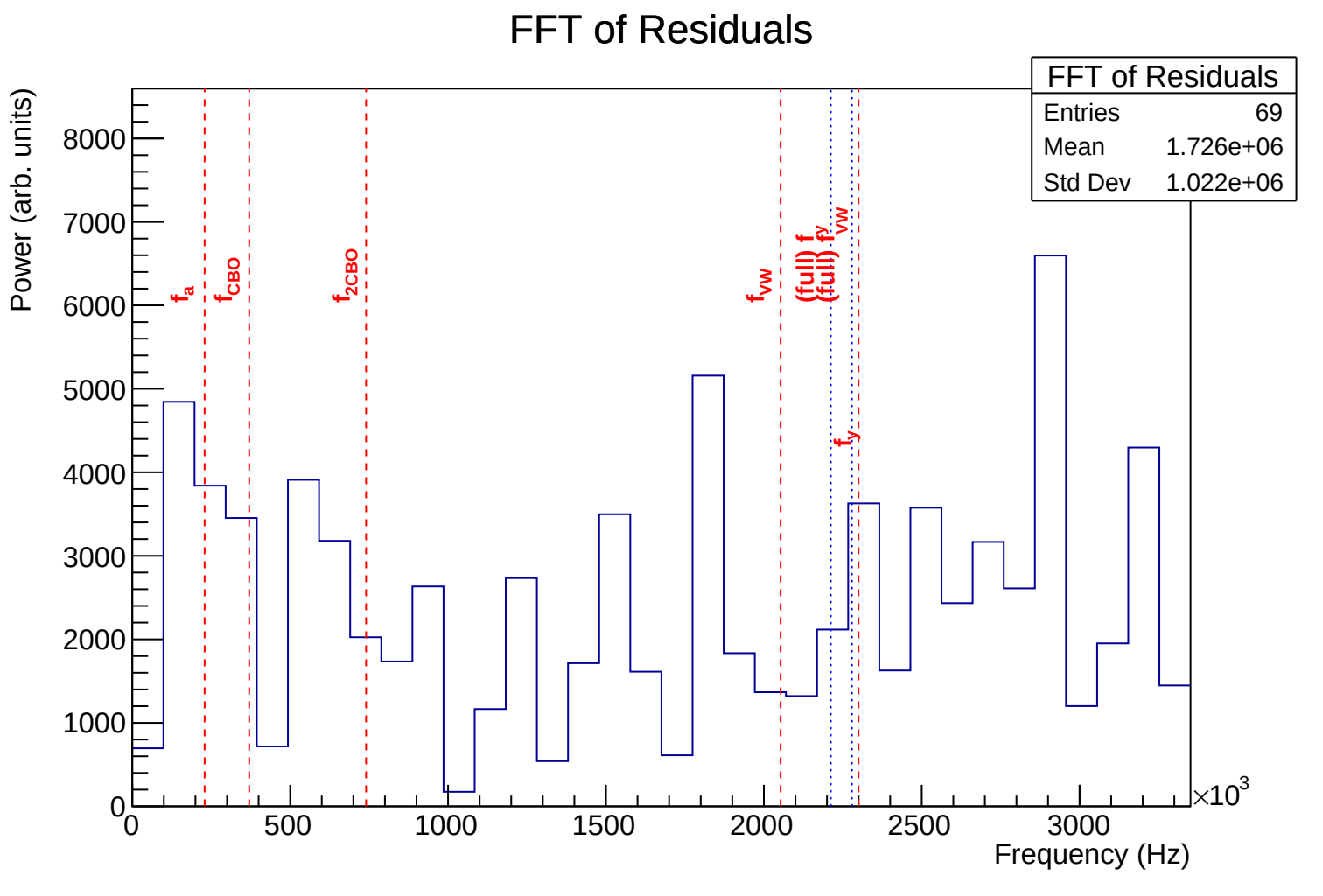

windowDat
×10^3
windowDat
Entries 69
Mean 108.4
Std Dev 3.105
800
700
600
500
400
104
106
108
110
112

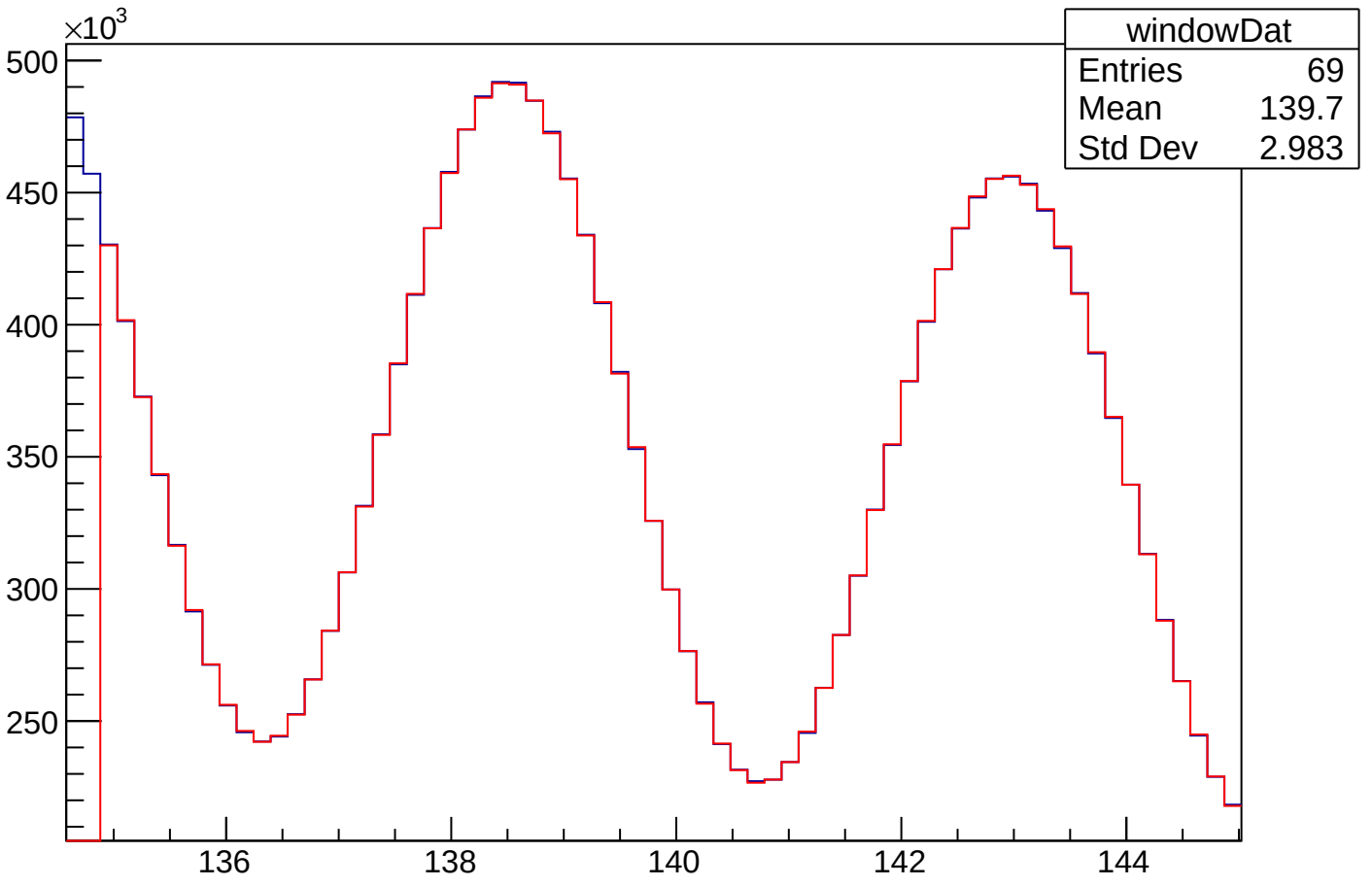

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.348e+06
Std Dev 9.947e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
2000
4000
6000
8000
10000
12000
14000
0
500
1000
1500
2000
2500
3000

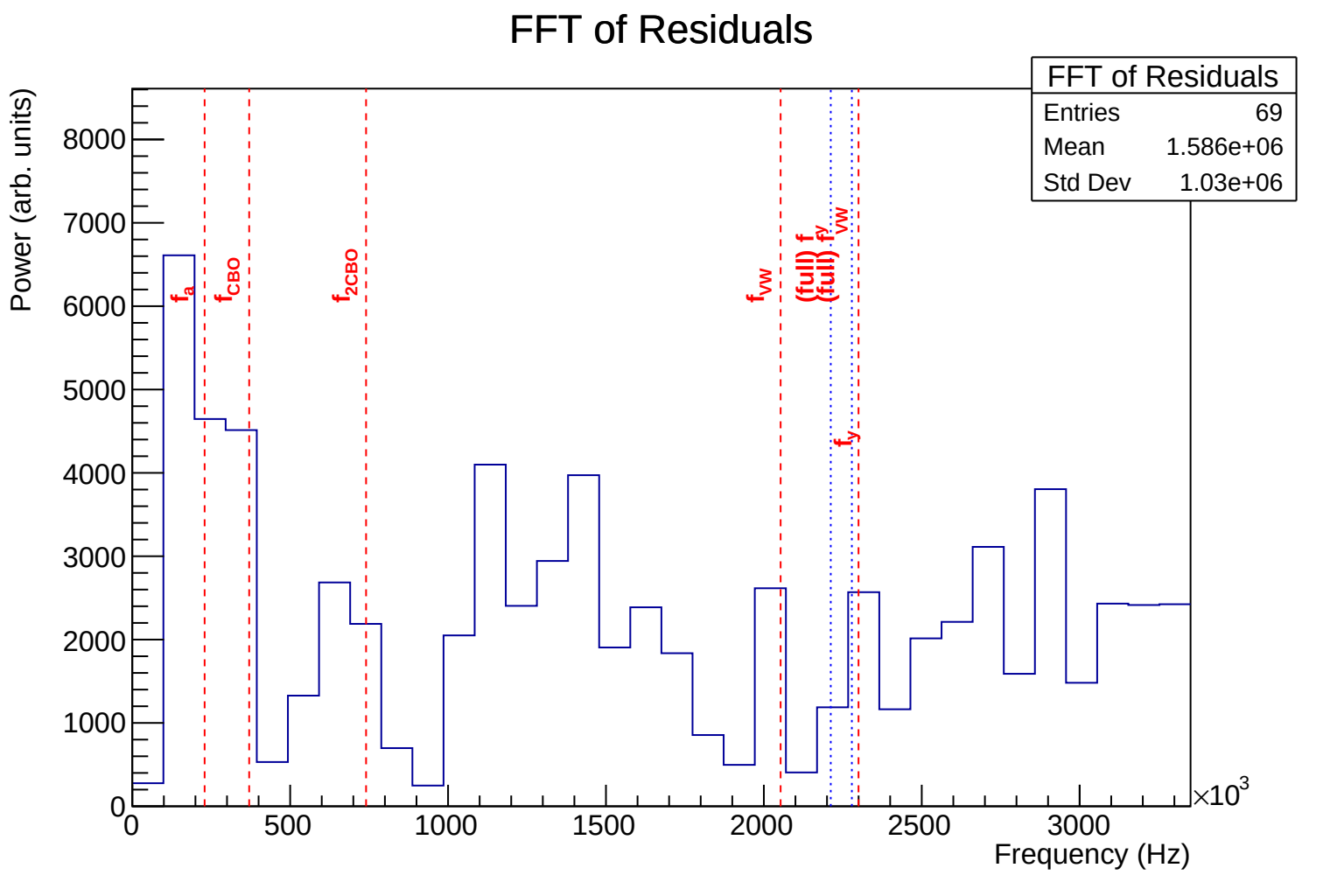

windowDat
×10^3
700
650
600
550
500
450
400
350
300
114
116
118
120
122
124
windowDat
Entries 69
Mean 118.8
Std Dev 2.857

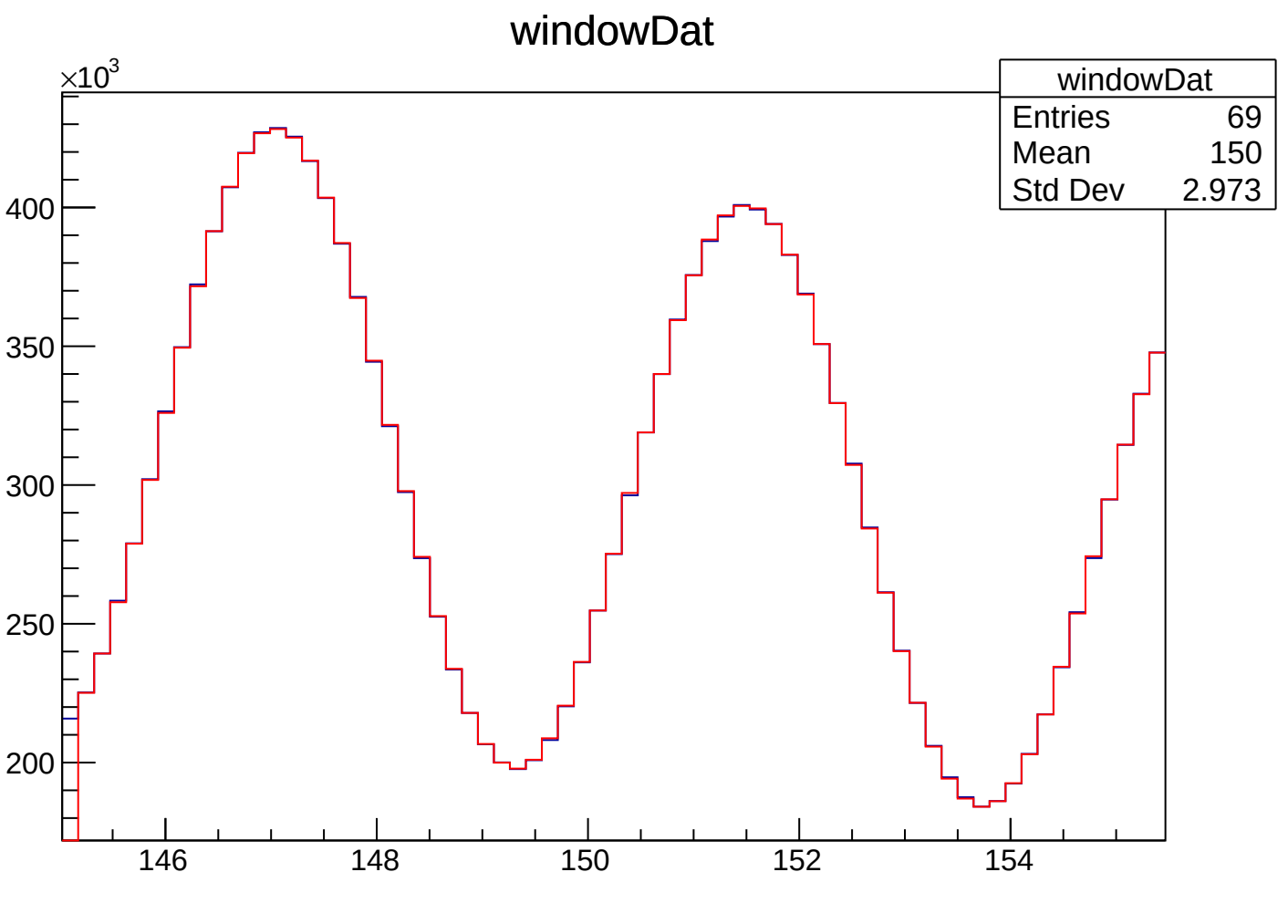

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.721e+06
Std Dev 9.997e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000
7000
8000

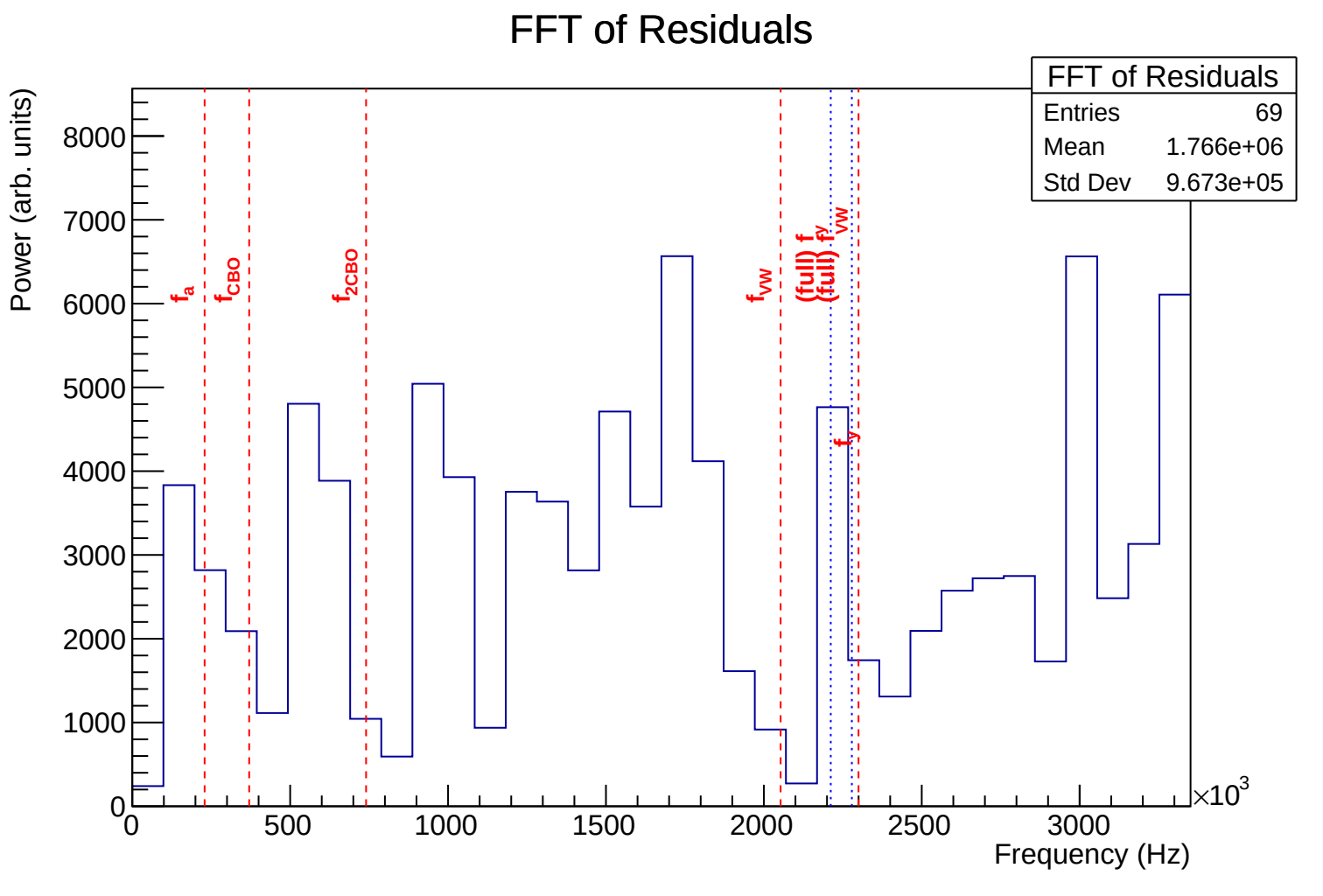

windowDat
×10^3
600
550
500
450
400
350
300
250
126
128
130
132
134
windowDat
Entries 69
Mean 129.2
Std Dev 3.136

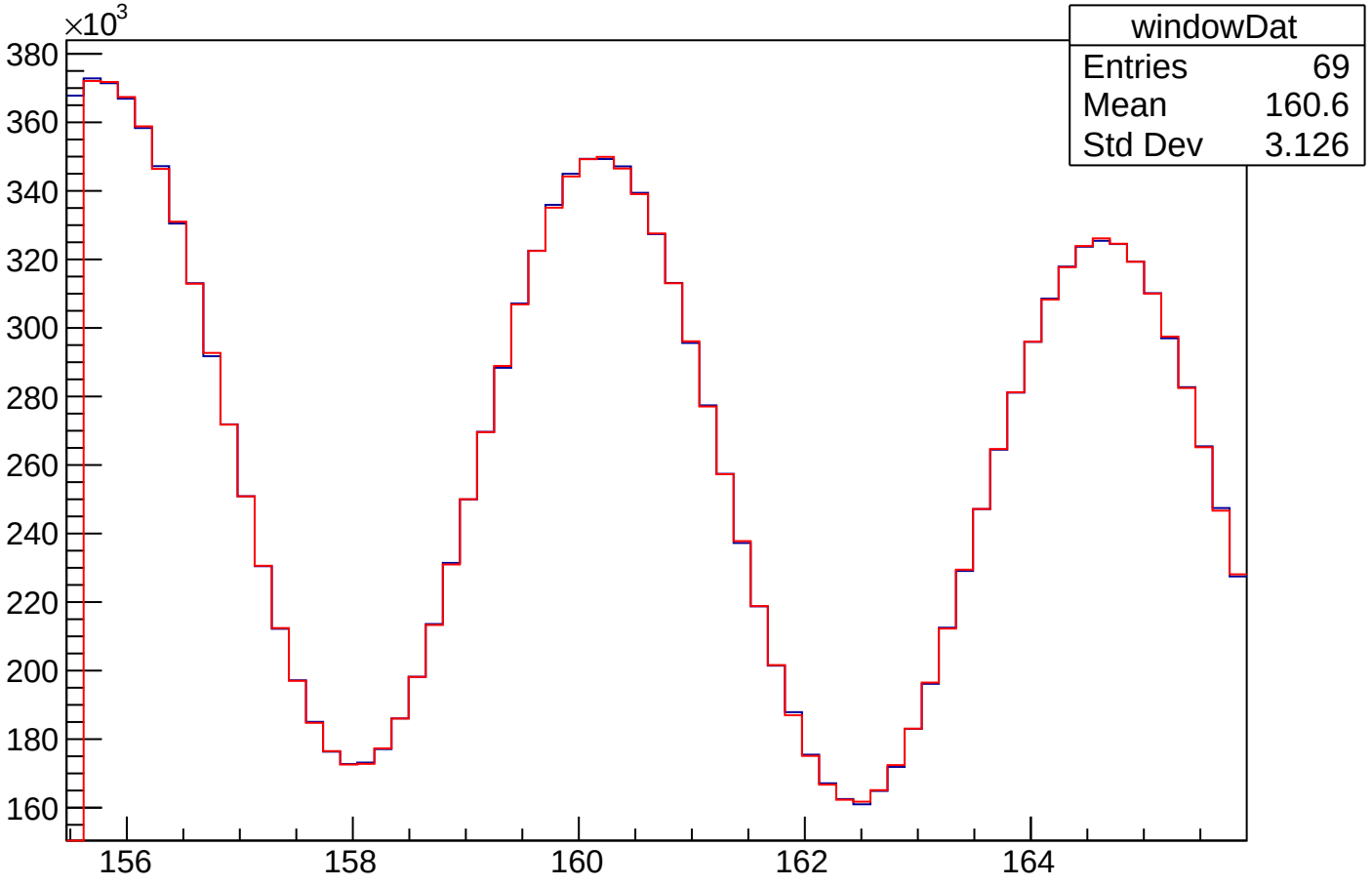

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.726e+06
Std Dev 1.022e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
1000
2000
3000
4000
5000
6000
7000
8000
0
500
1000
1500
2000
2500
3000

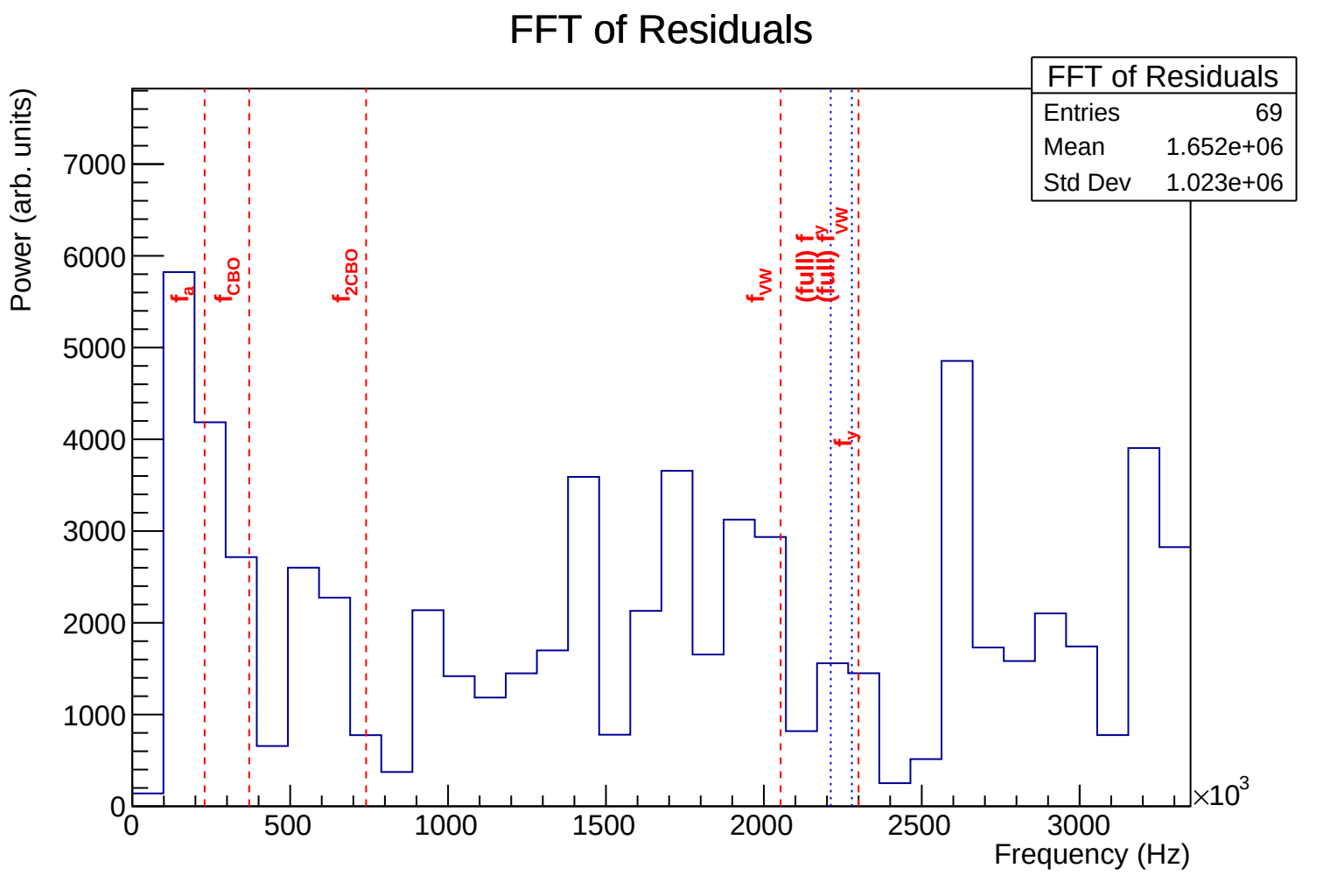

windowDat
×10^3
500
450
400
350
300
250
136
138
140
142
144
windowDat
Entries 69
Mean 139.7
Std Dev 2.983

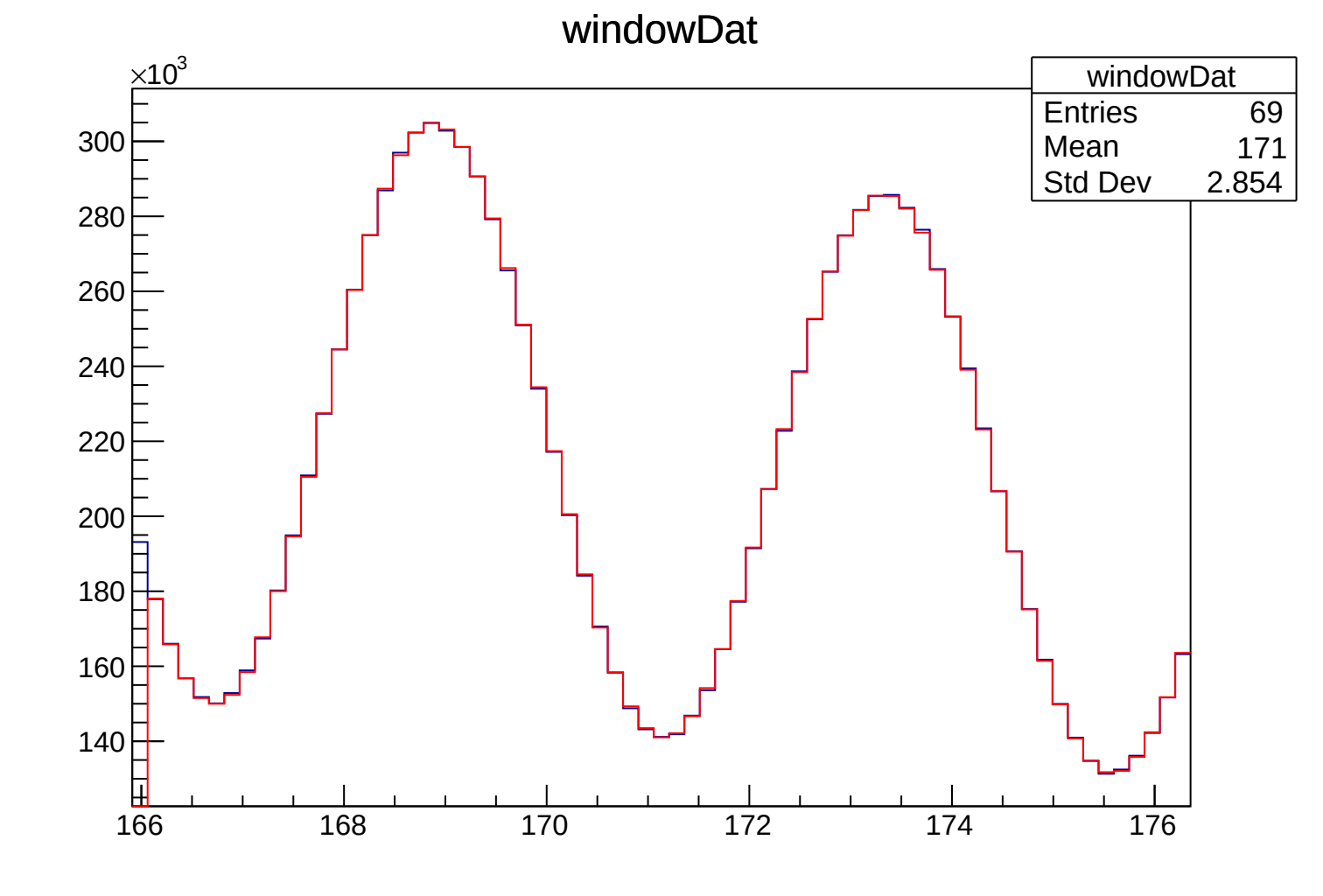

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.586e+06
Std Dev 1.03e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

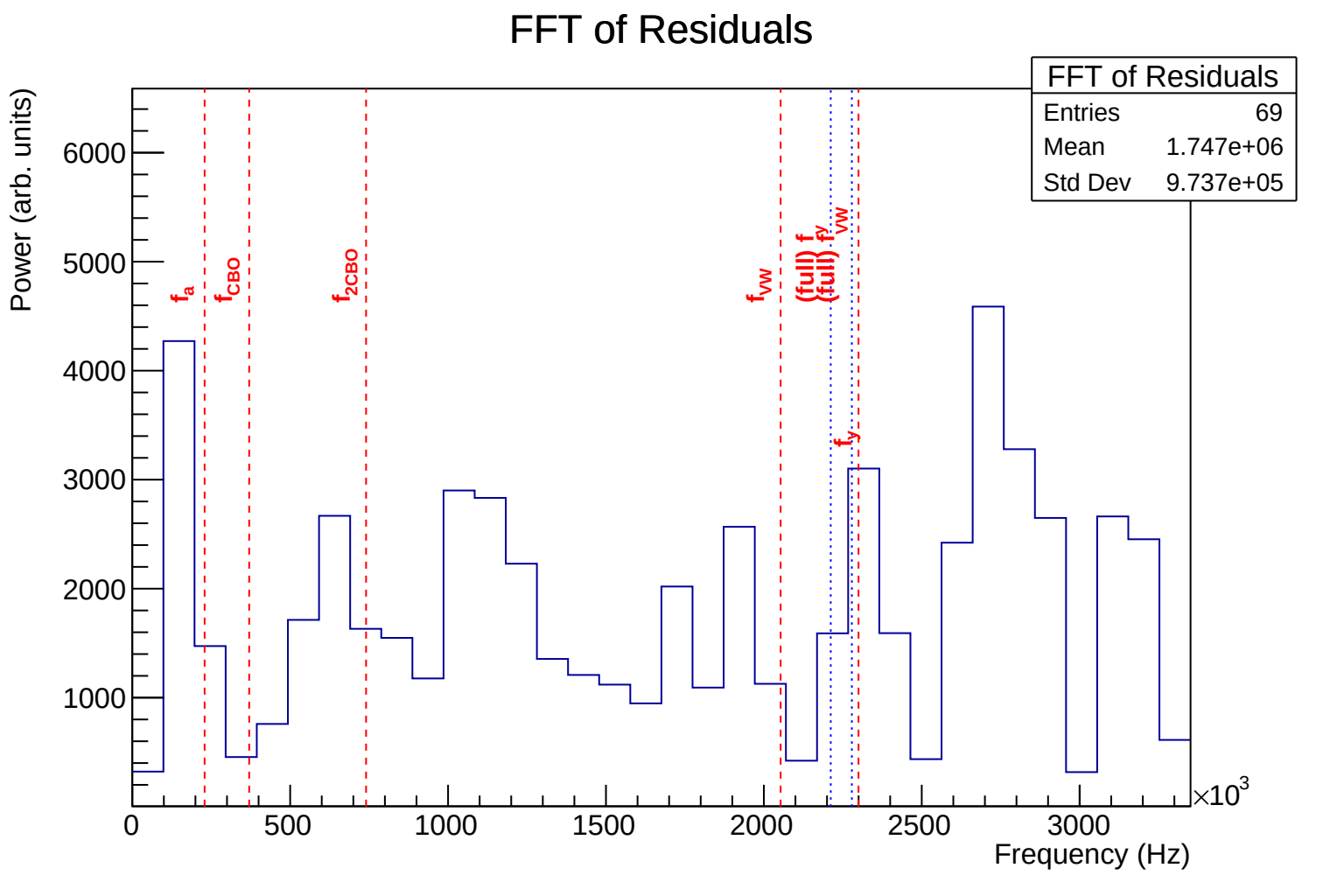

windowDat
×10^3
windowDat
Entries 69
Mean 150
Std Dev 2.973
400
350
300
250
200
146
148
150
152
154

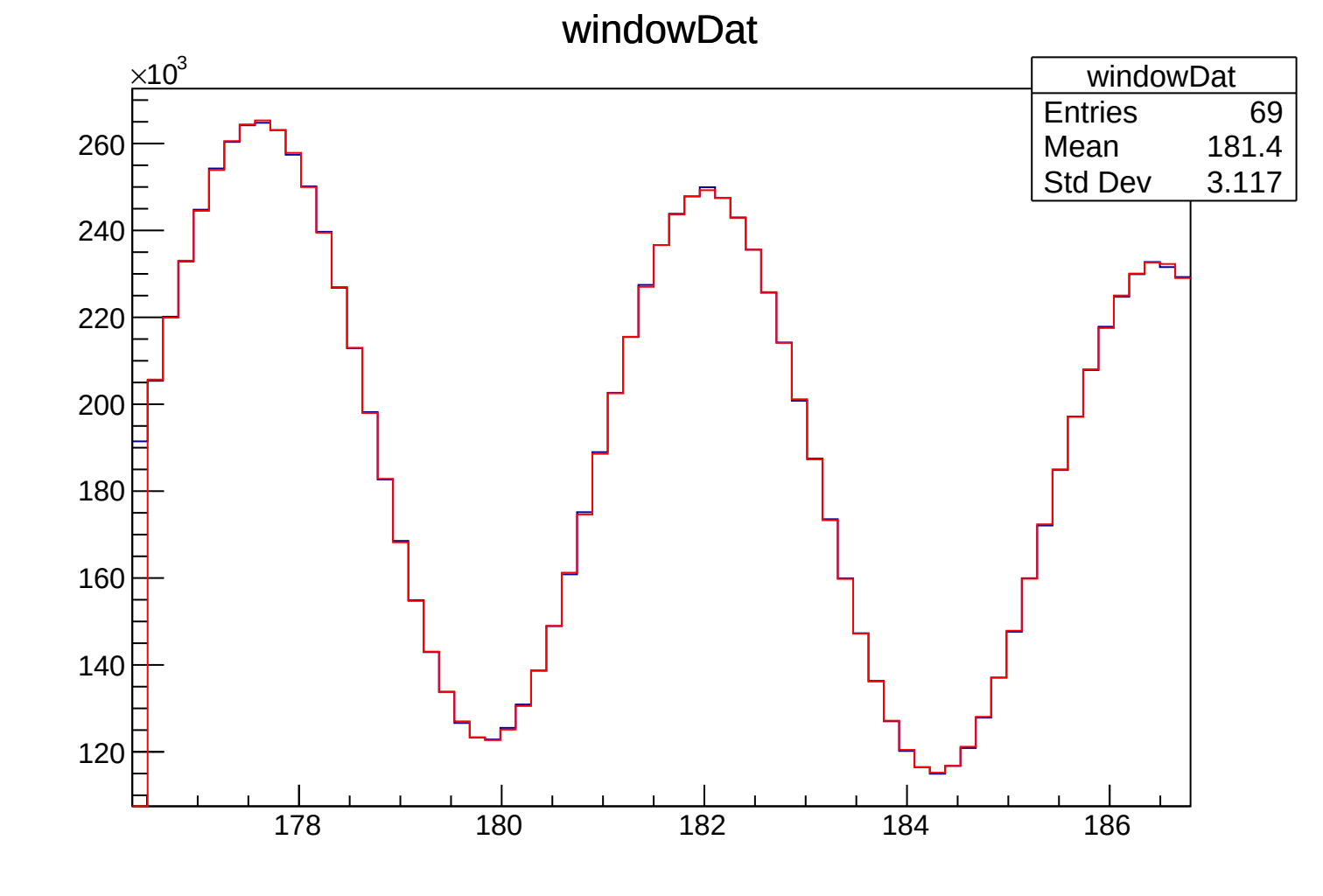

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.766e+06
Std Dev 9.673e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y,VW
f_y
0
1000
2000
3000
4000
5000
6000
7000
8000
0
500
1000
1500
2000
2500
3000

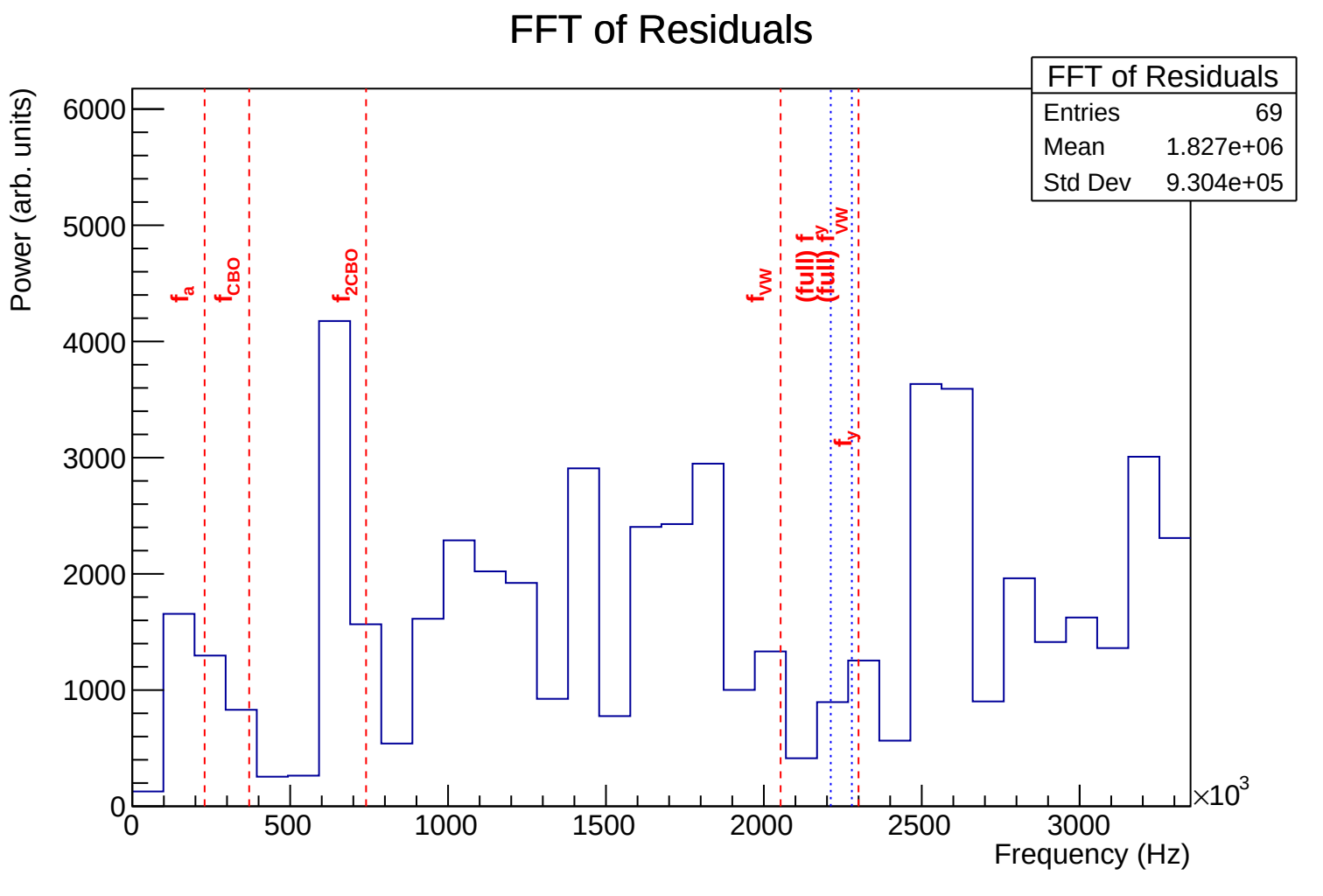

windowDat
×10^3
380
360
340
320
300
280
260
240
220
200
180
160
156
158
160
162
164
windowDat
Entries 69
Mean 160.6
Std Dev 3.126

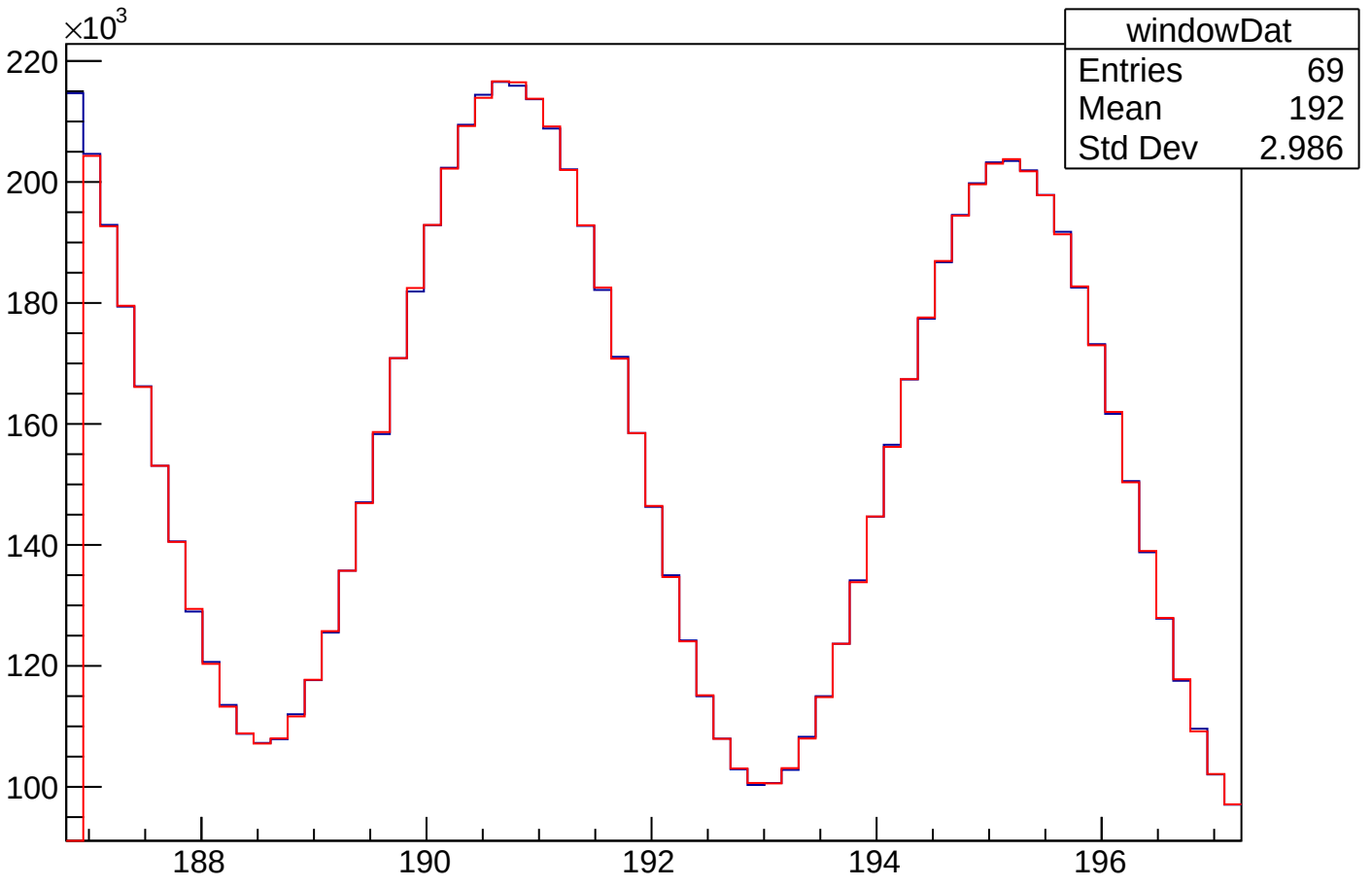

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.652e+06
Std Dev 1.023e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
1000
2000
3000
4000
5000
6000
7000
0
500
1000
1500
2000
2500
3000

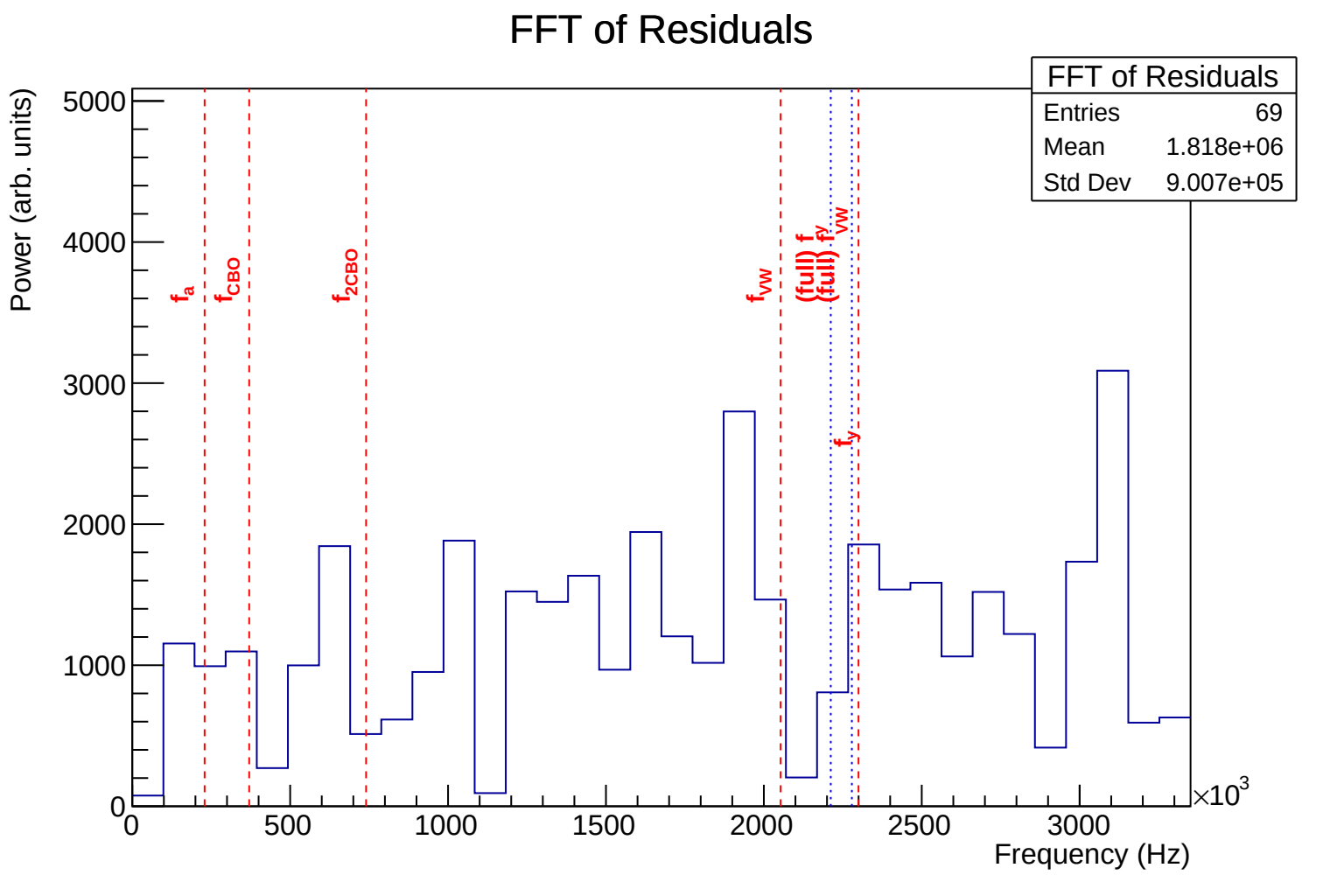

windowDat
×10^3
300
280
260
240
220
200
180
160
140
166
168
170
172
174
176
windowDat
Entries 69
Mean 171
Std Dev 2.854

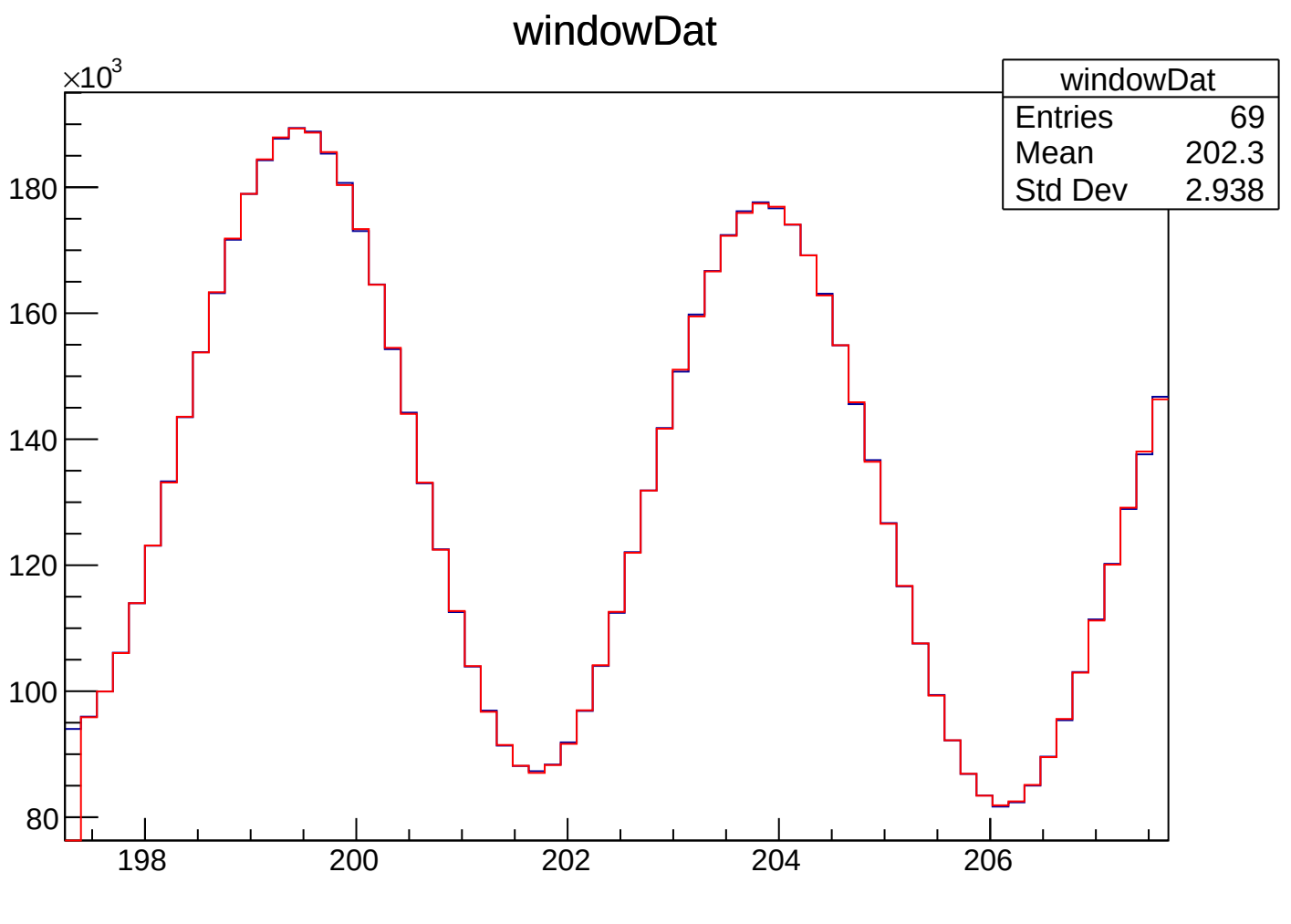

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.747e+06
Std Dev 9.737e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y

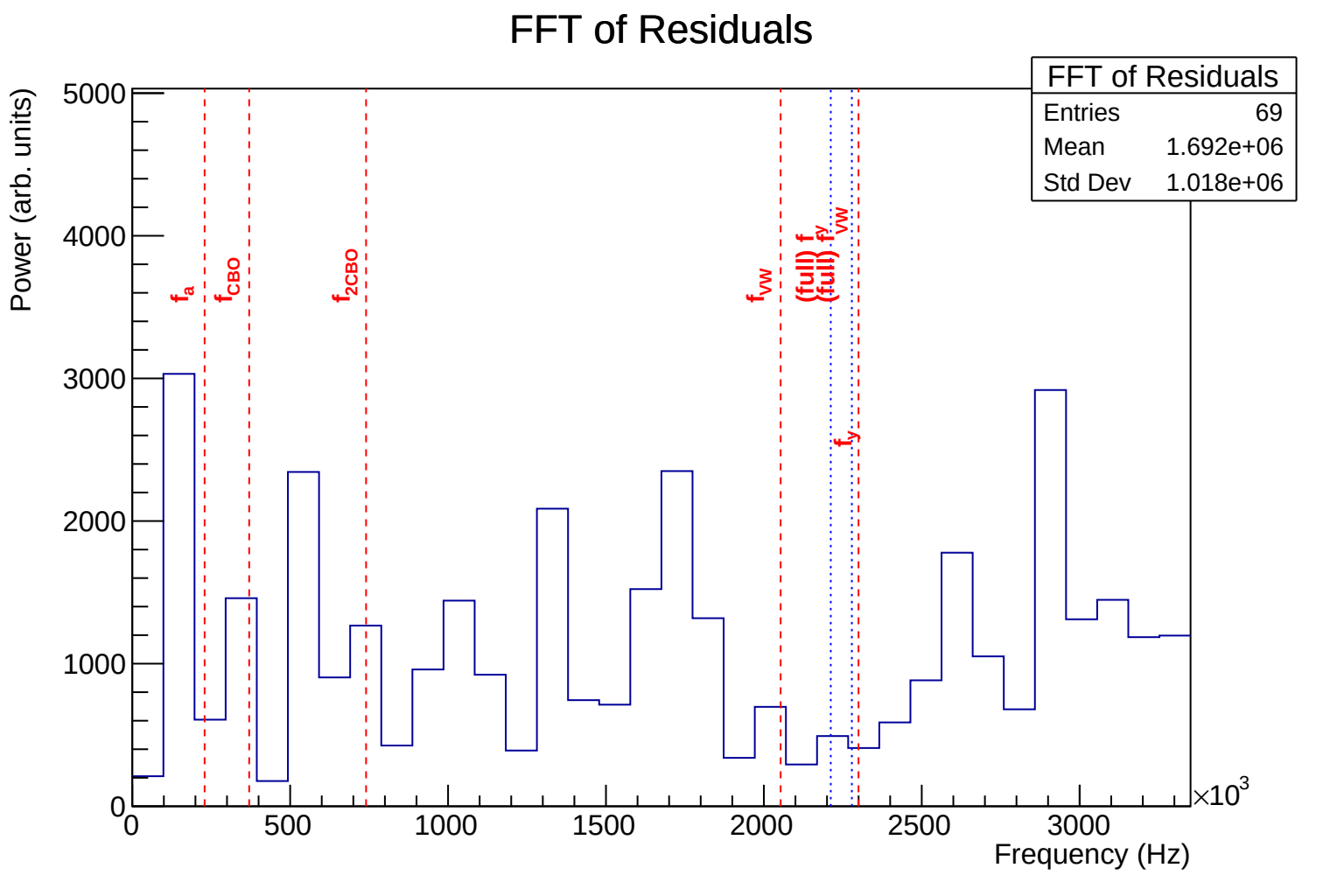

windowDat
×10^3
260
240
220
200
180
160
140
120
178
180
182
184
186
windowDat
Entries 69
Mean 181.4
Std Dev 3.117

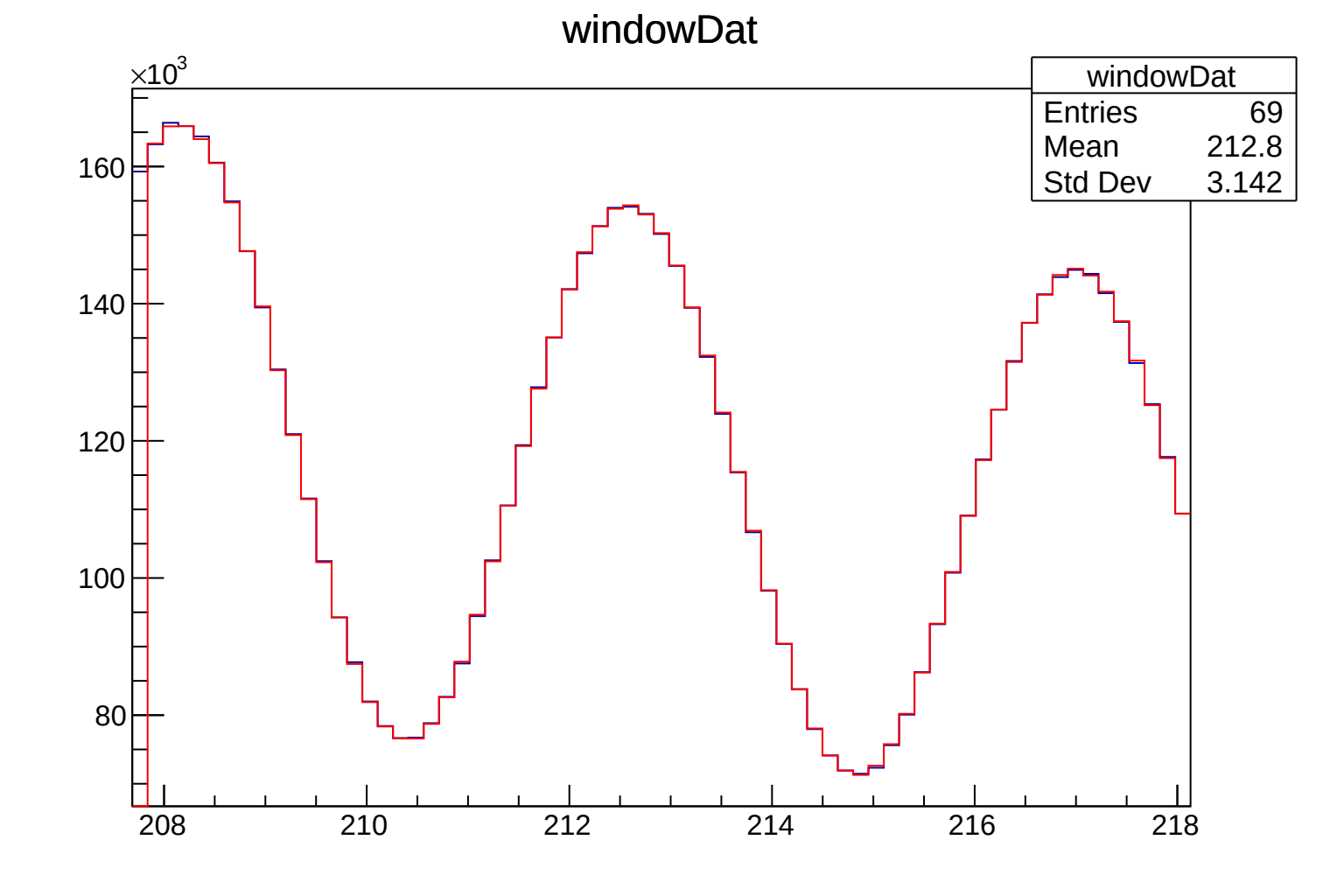

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.827e+06
Std Dev 9.304e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
1000
2000
3000
4000
5000
6000
0
500
1000
1500
2000
2500
3000

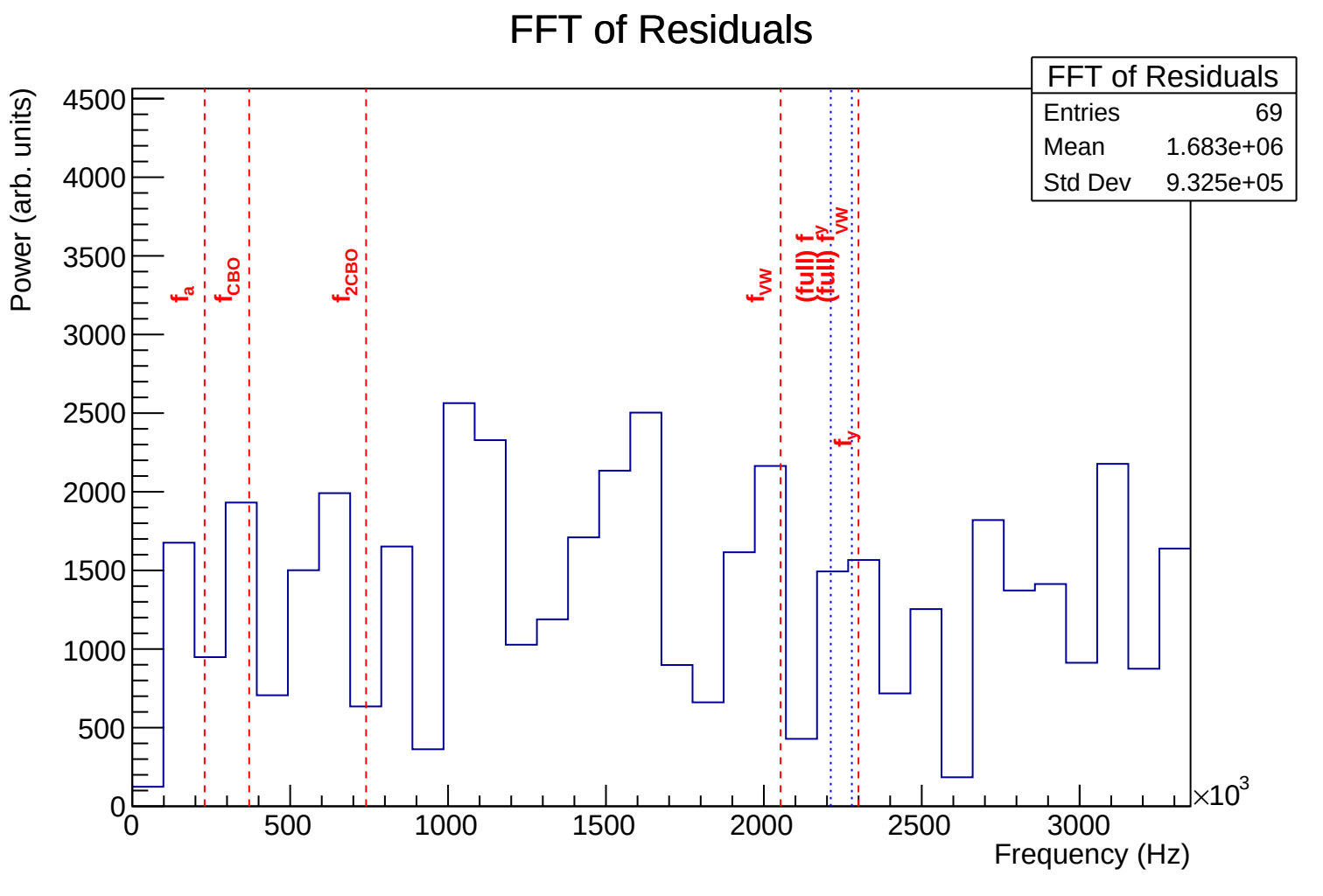

windowDat
×10^3
220
200
180
160
140
120
100
188
190
192
194
196
windowDat
Entries 69
Mean 192
Std Dev 2.986

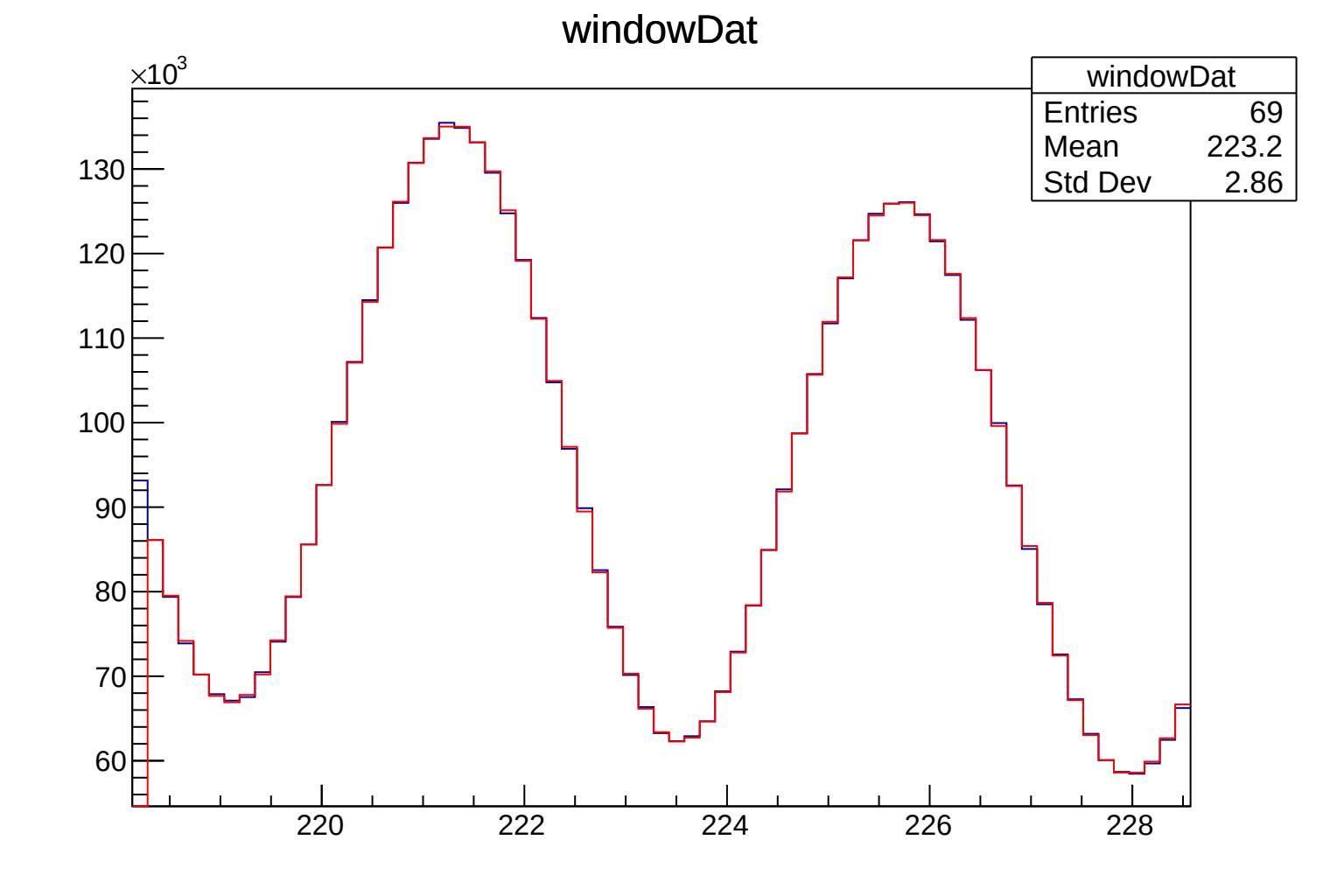

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.818e+06
Std Dev 9.007e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000

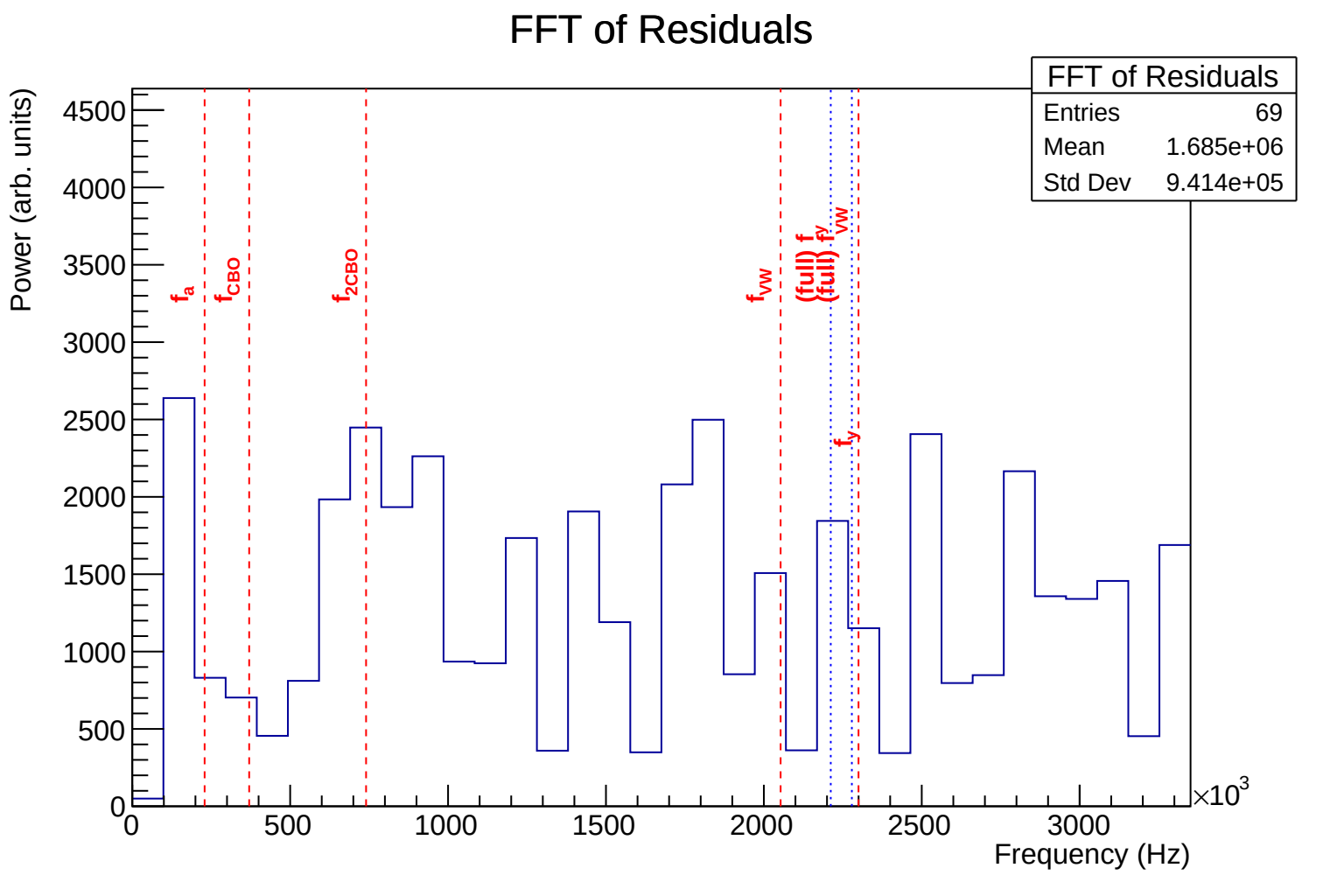

windowDat
×10^3
180
160
140
120
100
80
198
200
202
204
206
windowDat
Entries 69
Mean 202.3
Std Dev 2.938

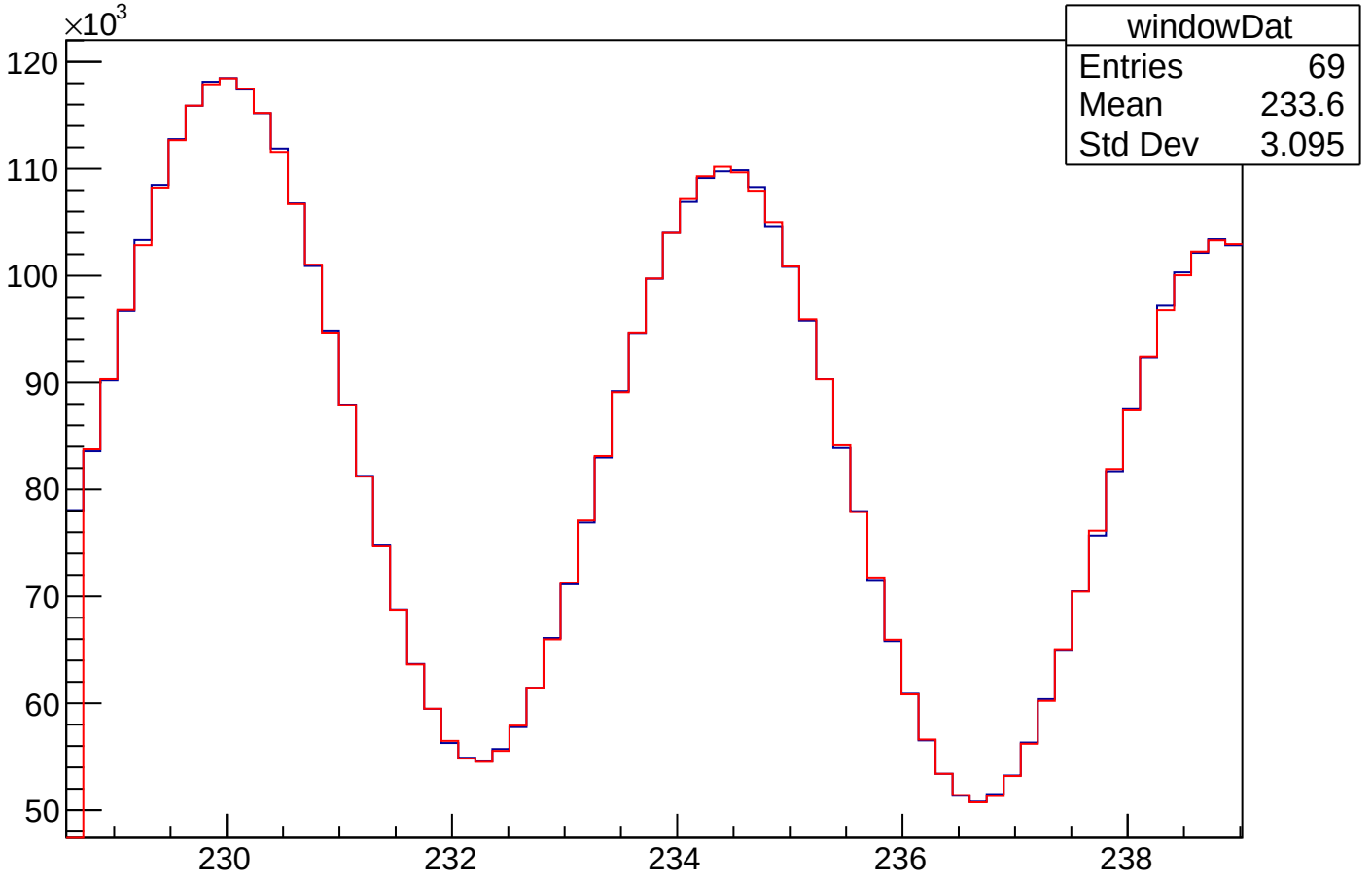

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.692e+06
Std Dev 1.018e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000

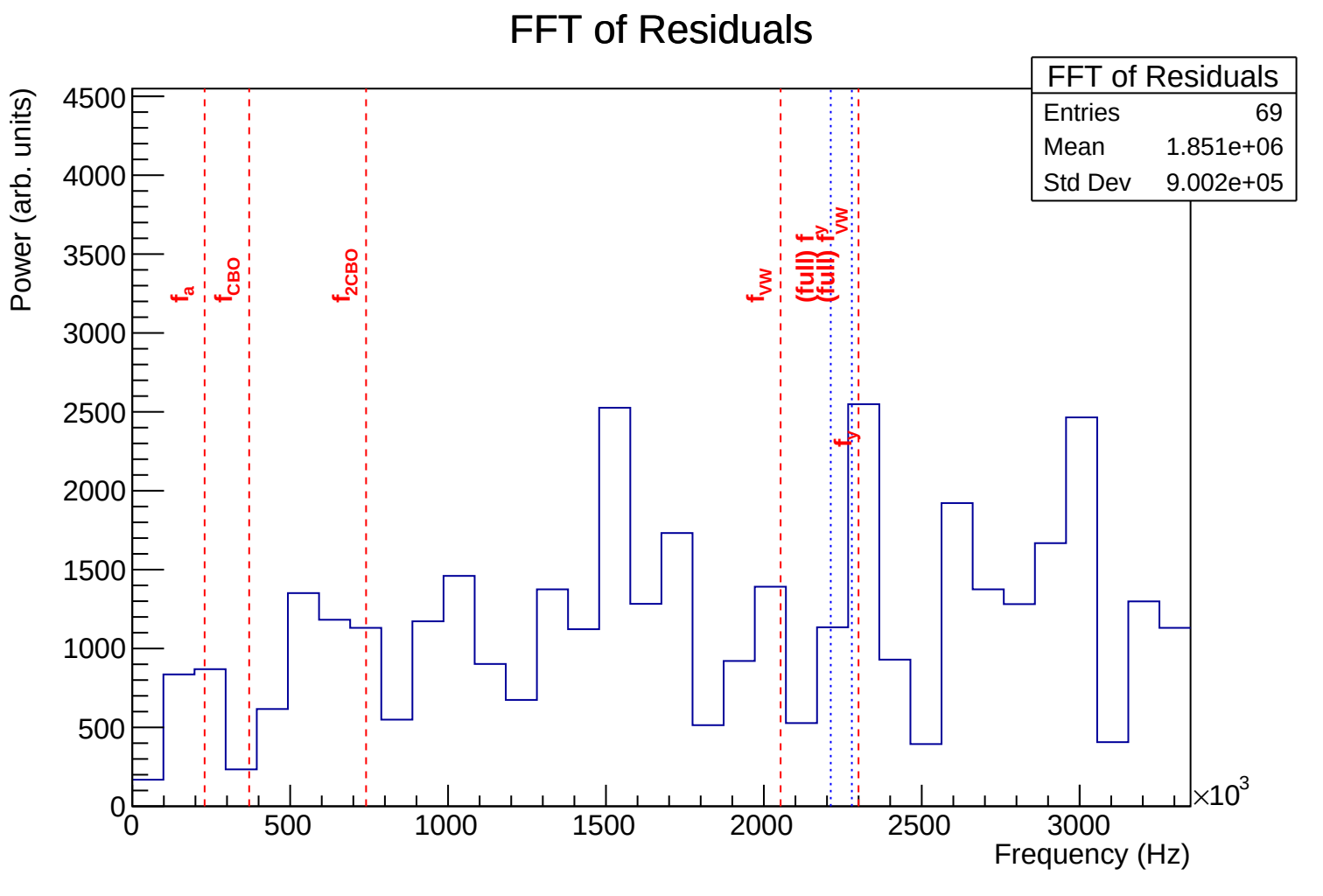

windowDat
×10^3
windowDat
Entries 69
Mean 212.8
Std Dev 3.142
160
140
120
100
80
208
210
212
214
216
218

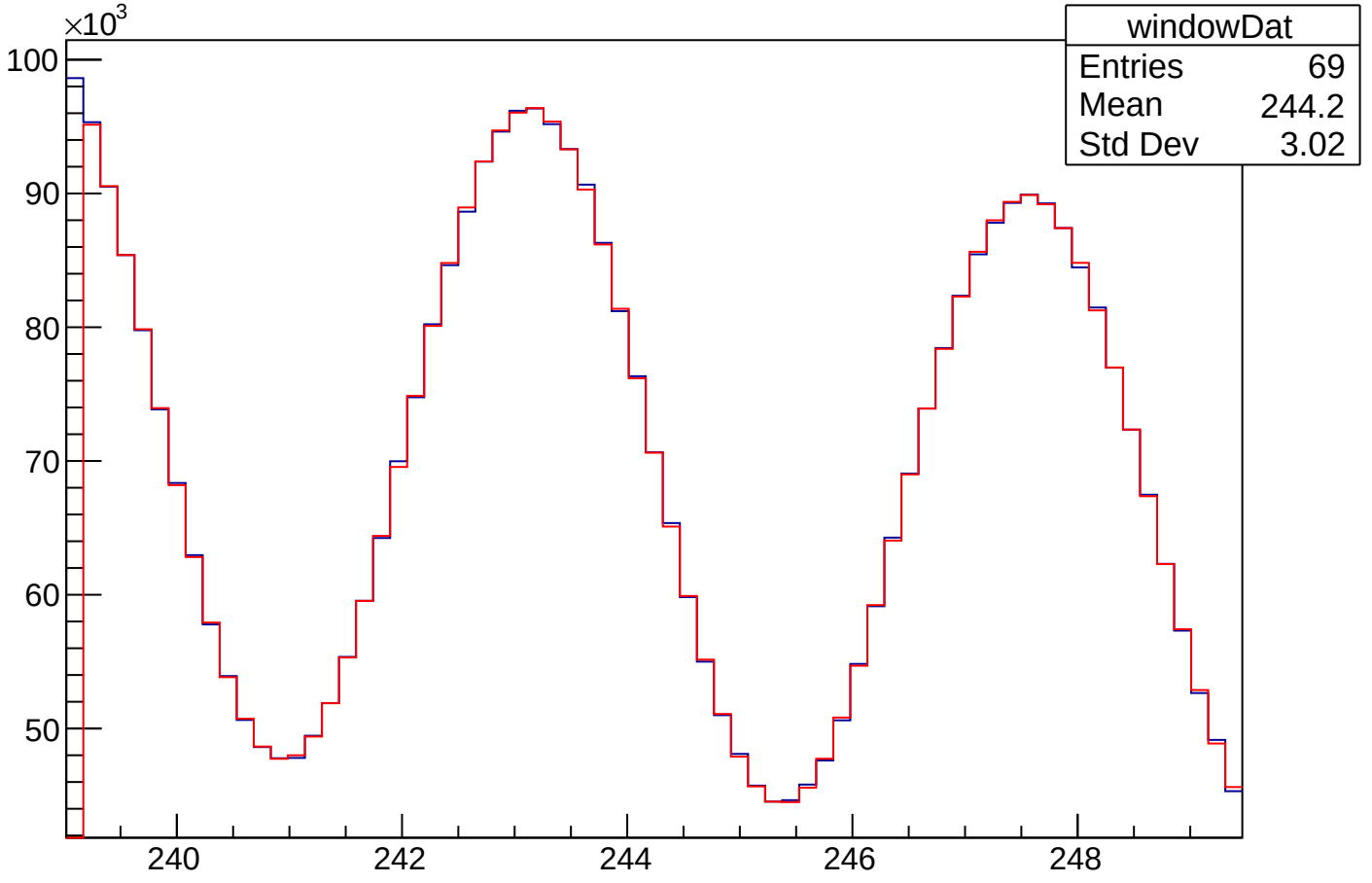

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.683e+06
Std Dev 9.325e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y
f_y
0
500
1000
1500
2000
2500
3000
3500
4000
4500

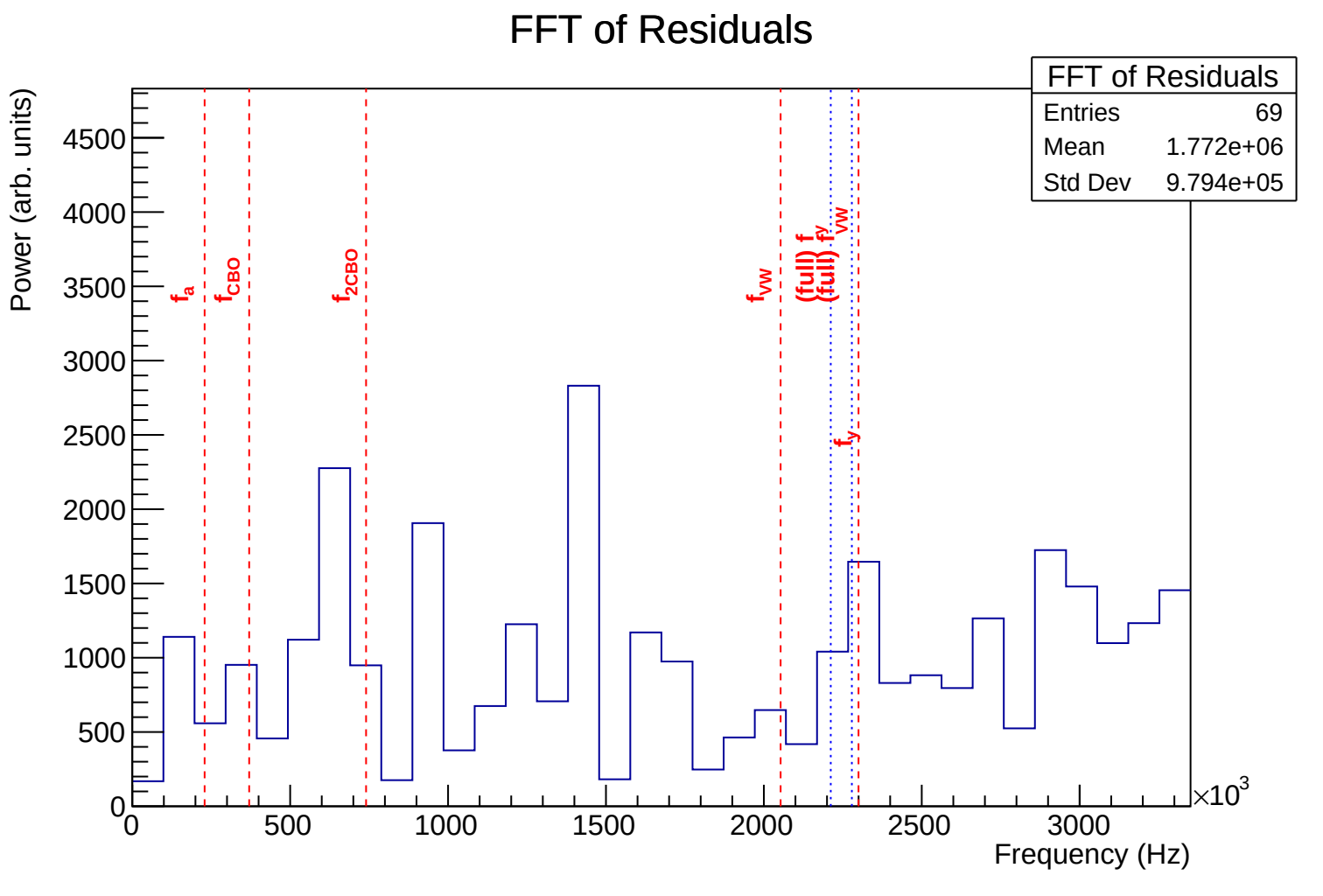

windowDat
×10^3
130
120
110
100
90
80
70
60
220
222
224
226
228
windowDat
Entries 69
Mean 223.2
Std Dev 2.86

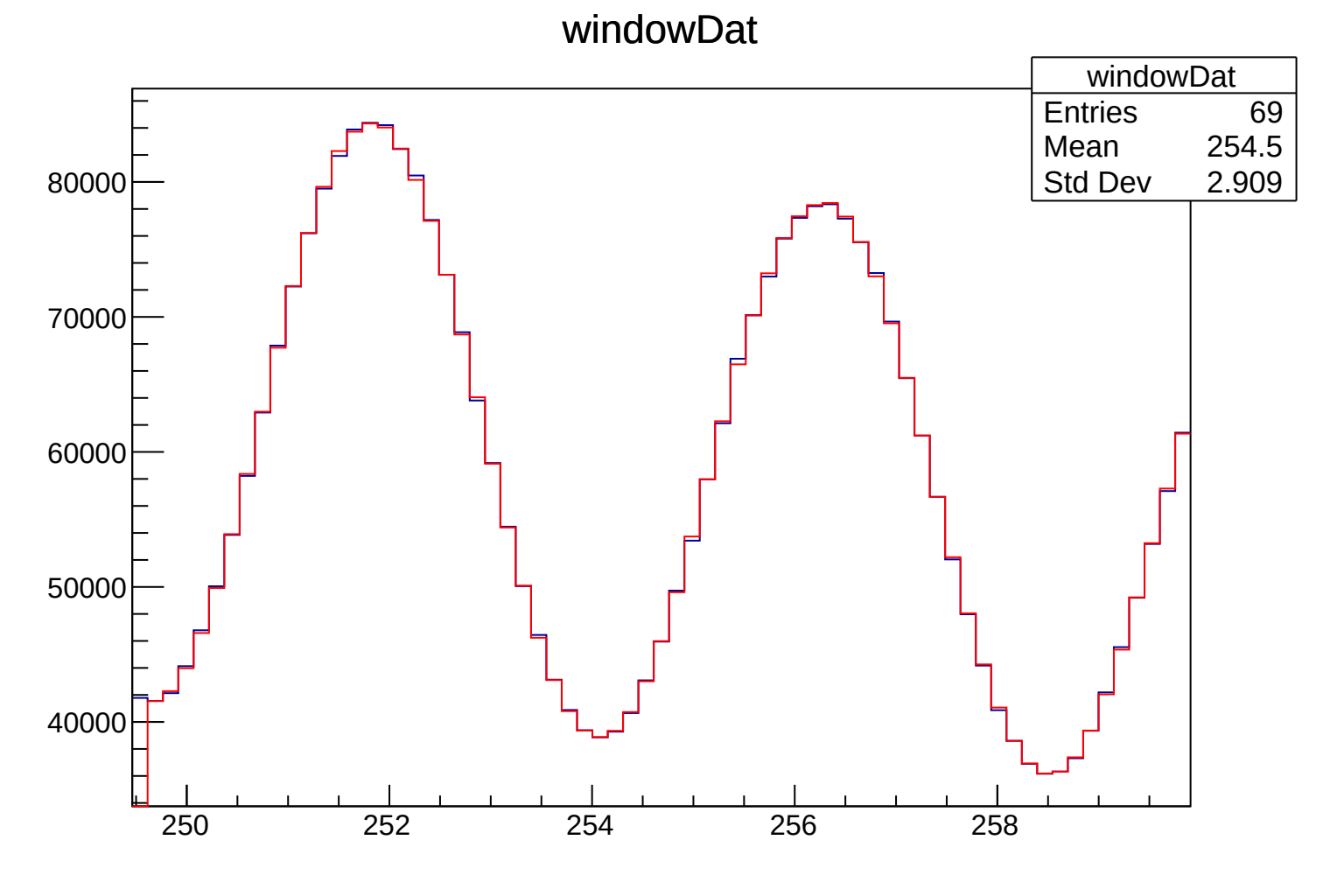

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.685e+06
Std Dev 9.414e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000
4500
4000
3500
3000
2500
2000
1500
1000
500
0

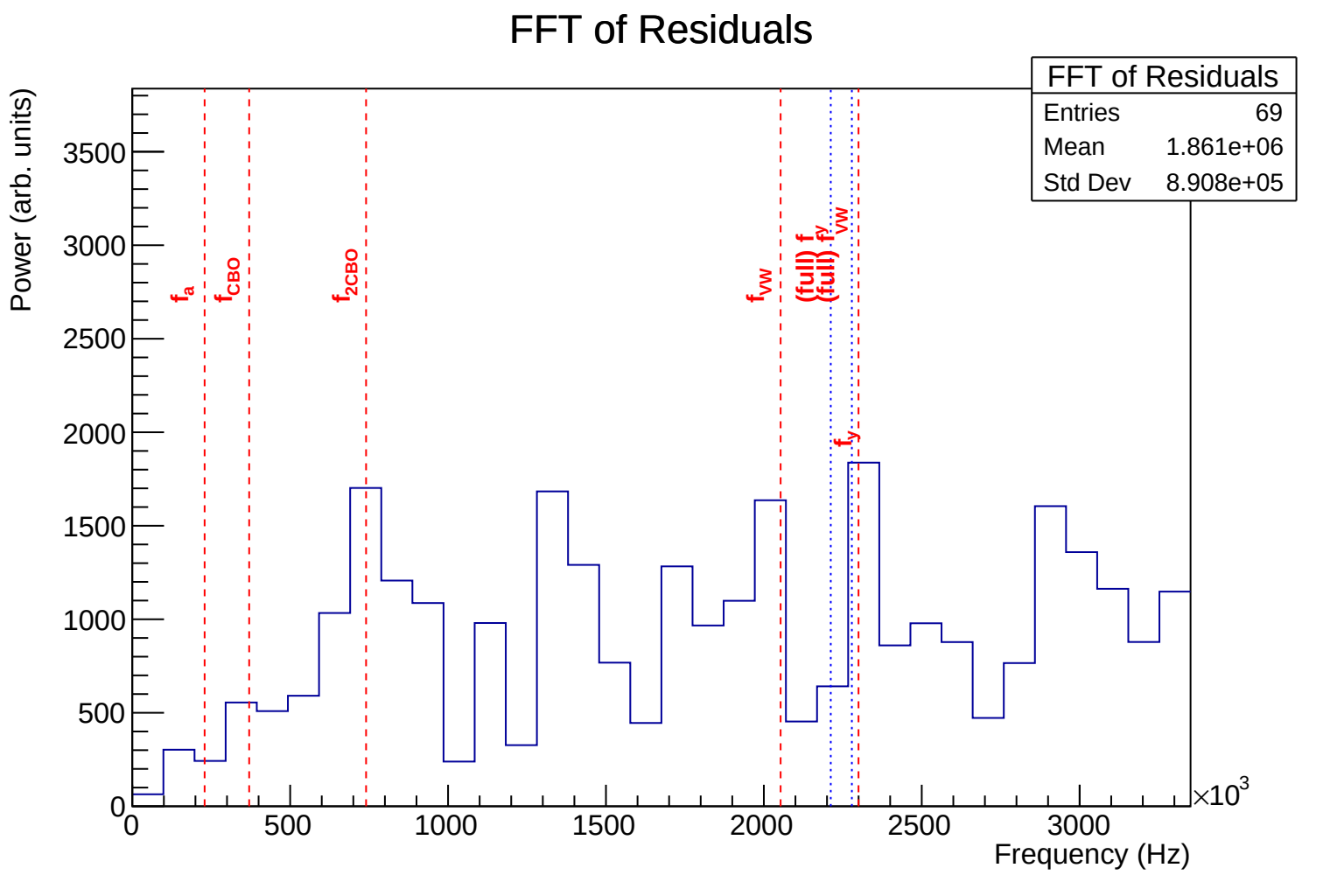

windowDat
×10^3
120
110
100
90
80
70
60
50
230
232
234
236
238
windowDat
Entries 69
Mean 233.6
Std Dev 3.095

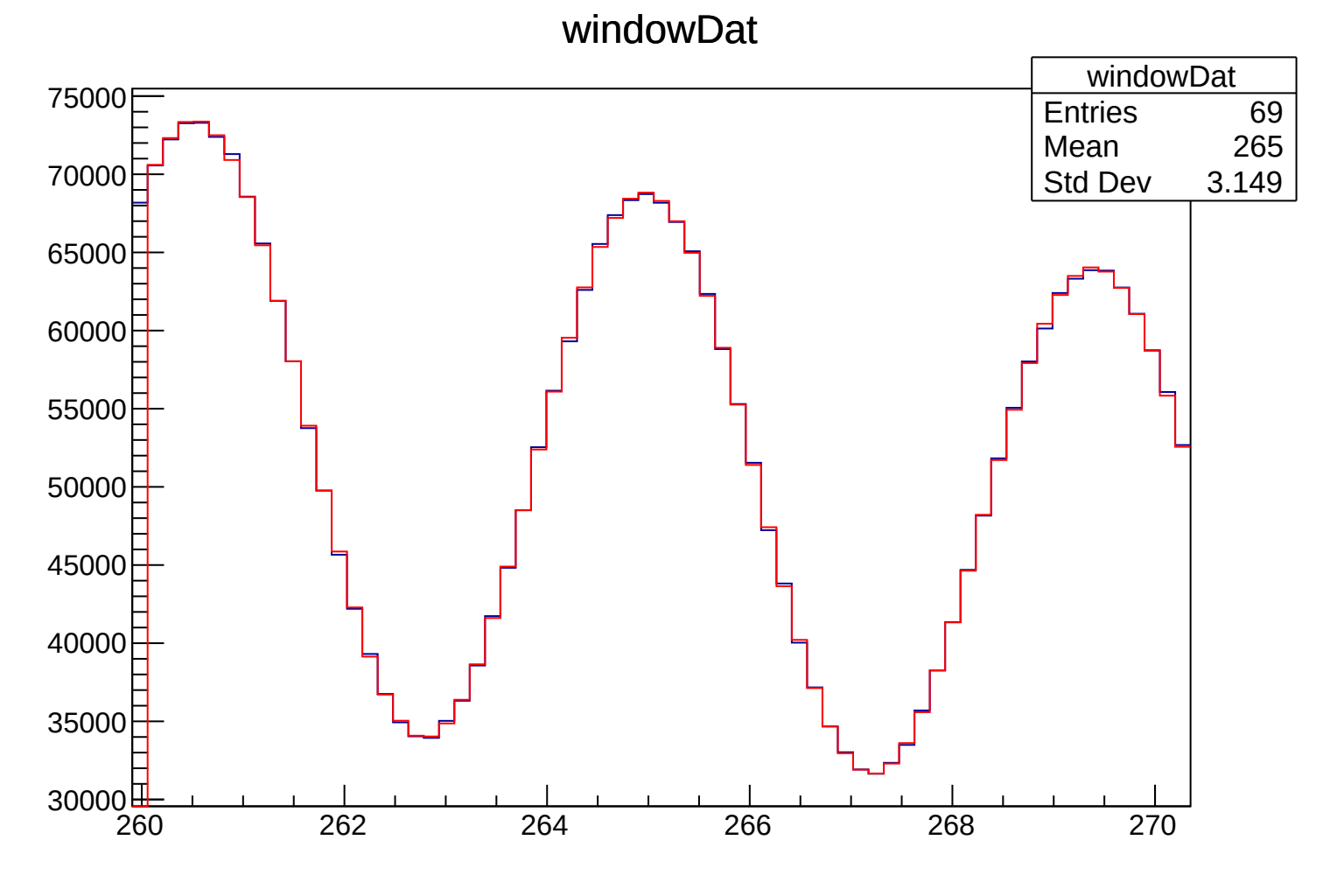

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.851e+06
Std Dev 9.002e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
f_y
0
500
1000
1500
2000
2500
3000
4500
4000
3500
3000
2500
2000
1500
1000
500
0

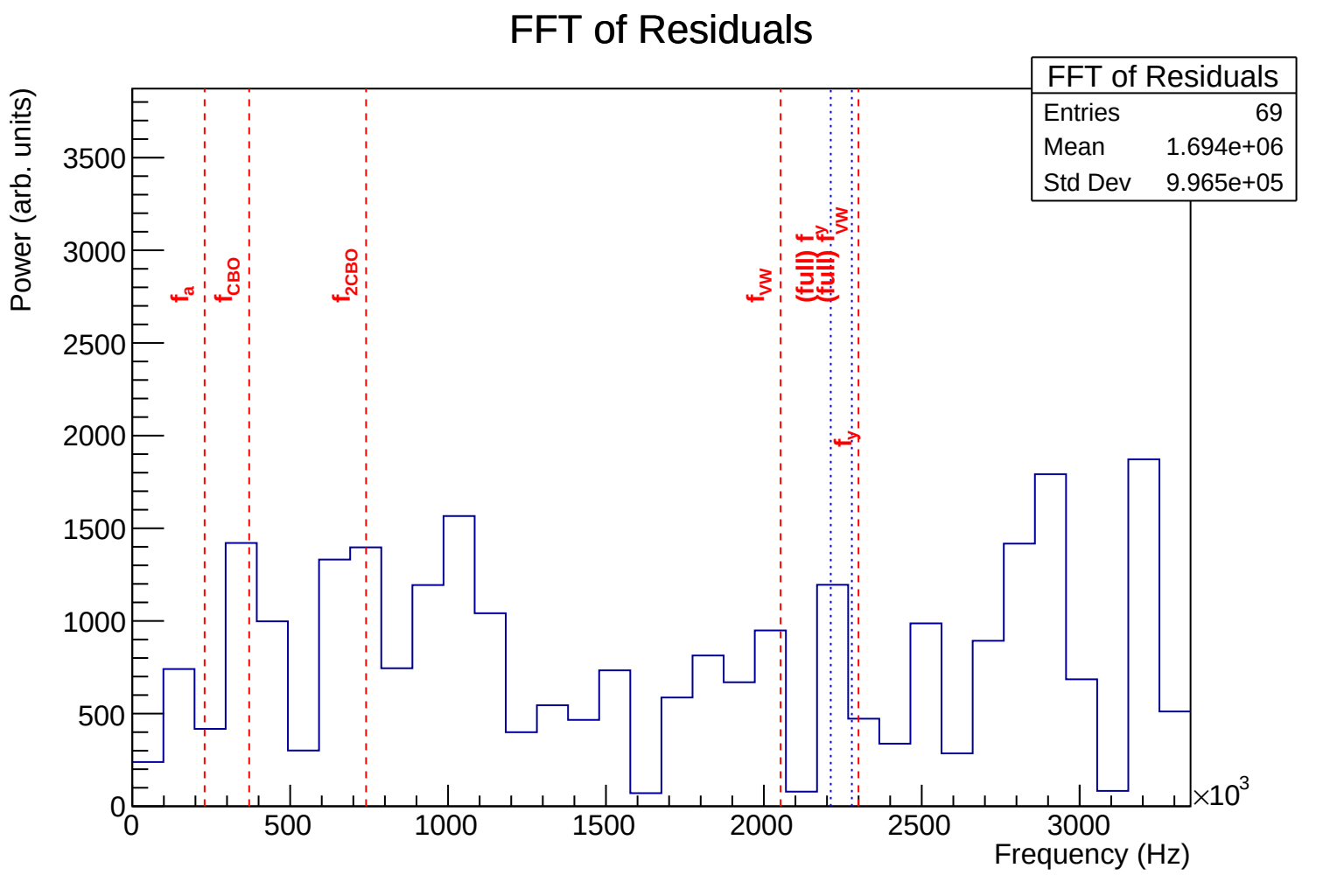

windowDat
×10^3
100
90
80
70
60
50
240
242
244
246
248
windowDat
Entries 69
Mean 244.2
Std Dev 3.02

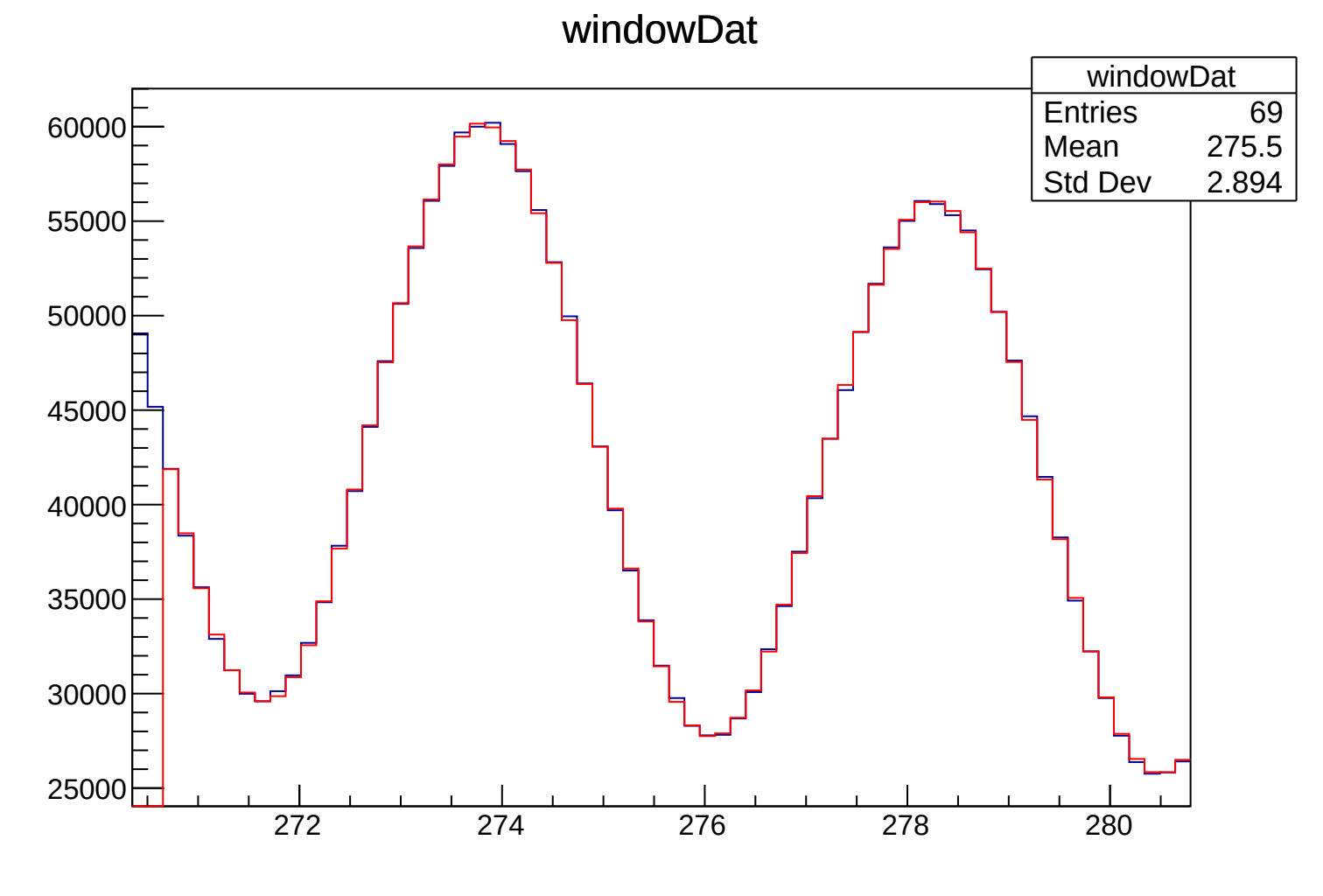

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.772e+06
Std Dev 9.794e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000
4500
4000
3500
3000
2500
2000
1500
1000
500
0

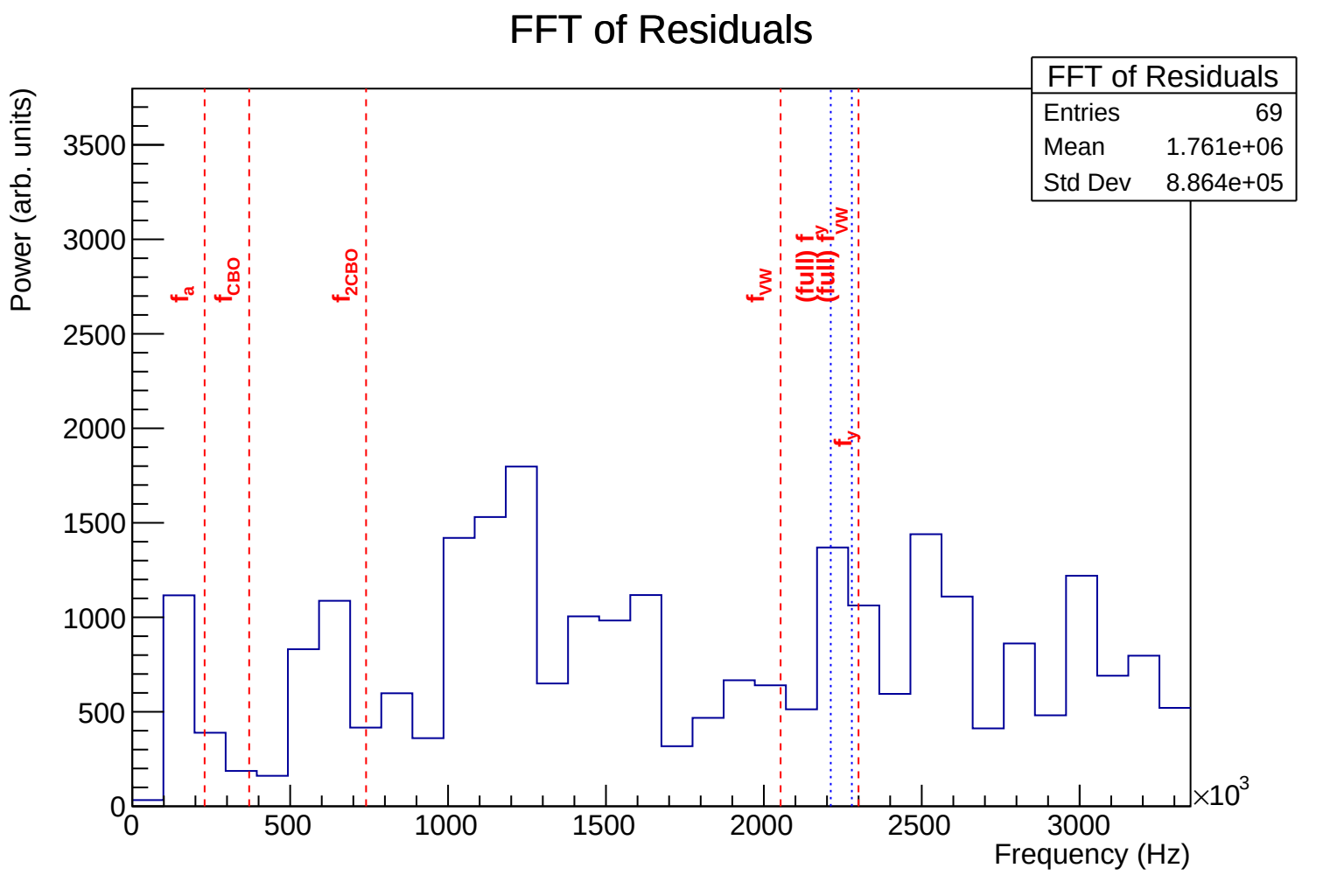

windowDat
windowDat
Entries 69
Mean 254.5
Std Dev 2.909
80000
70000
60000
50000
40000
250
252
254
256
258

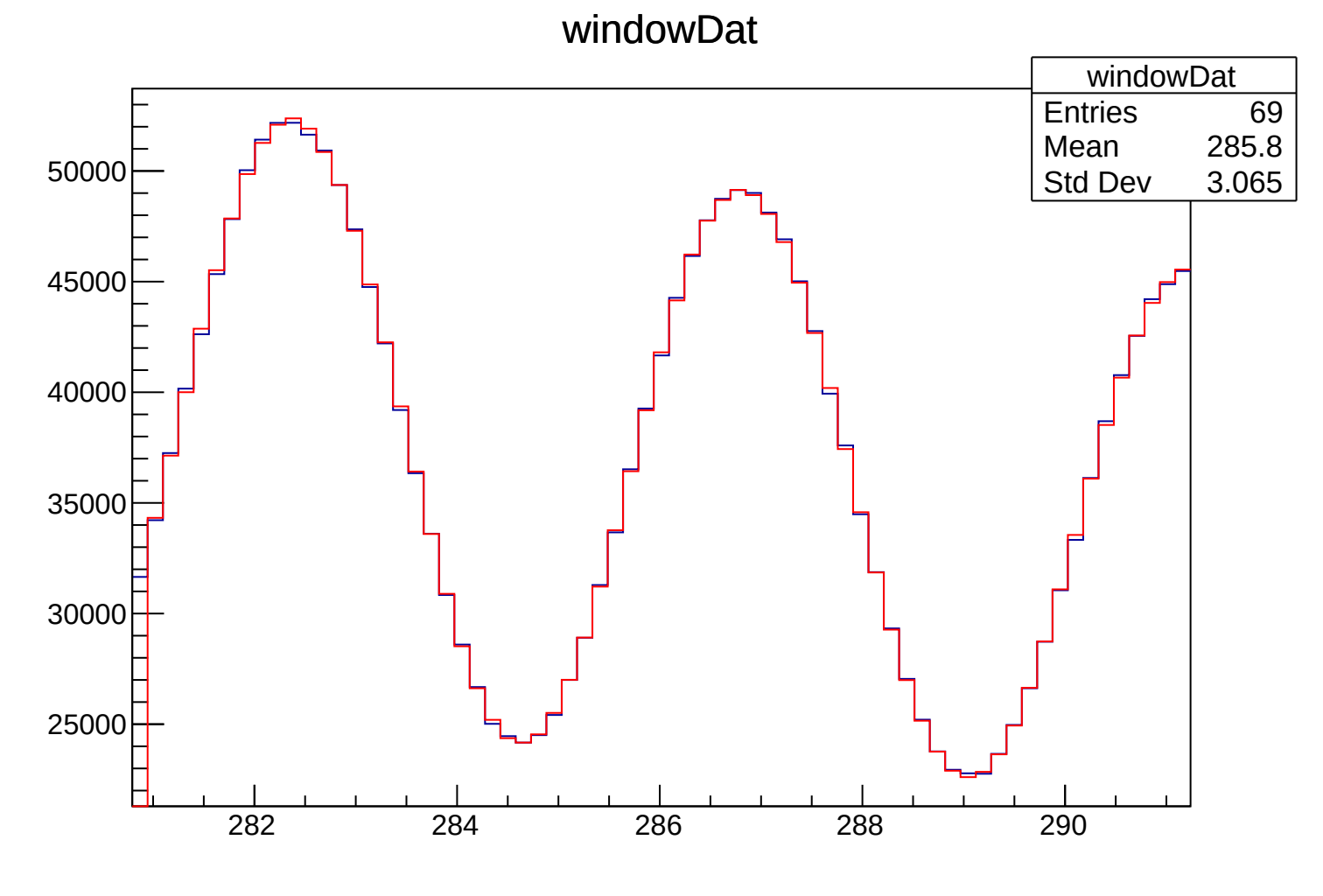

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.861e+06
Std Dev 8.908e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
3500

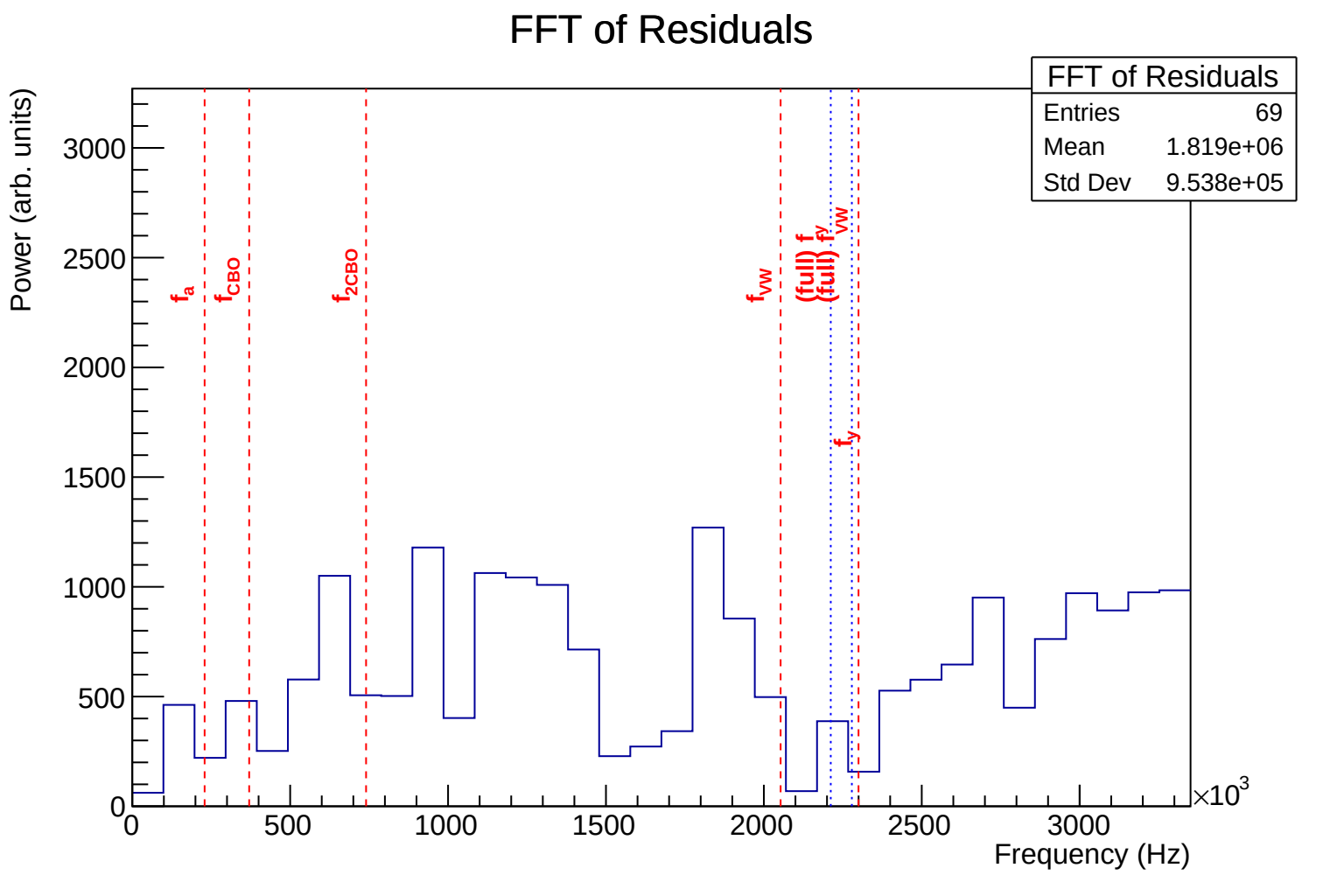

windowDat
windowDat
Entries 69
Mean 265
Std Dev 3.149
75000
70000
65000
60000
55000
50000
45000
40000
35000
30000
260
262
264
266
268
270

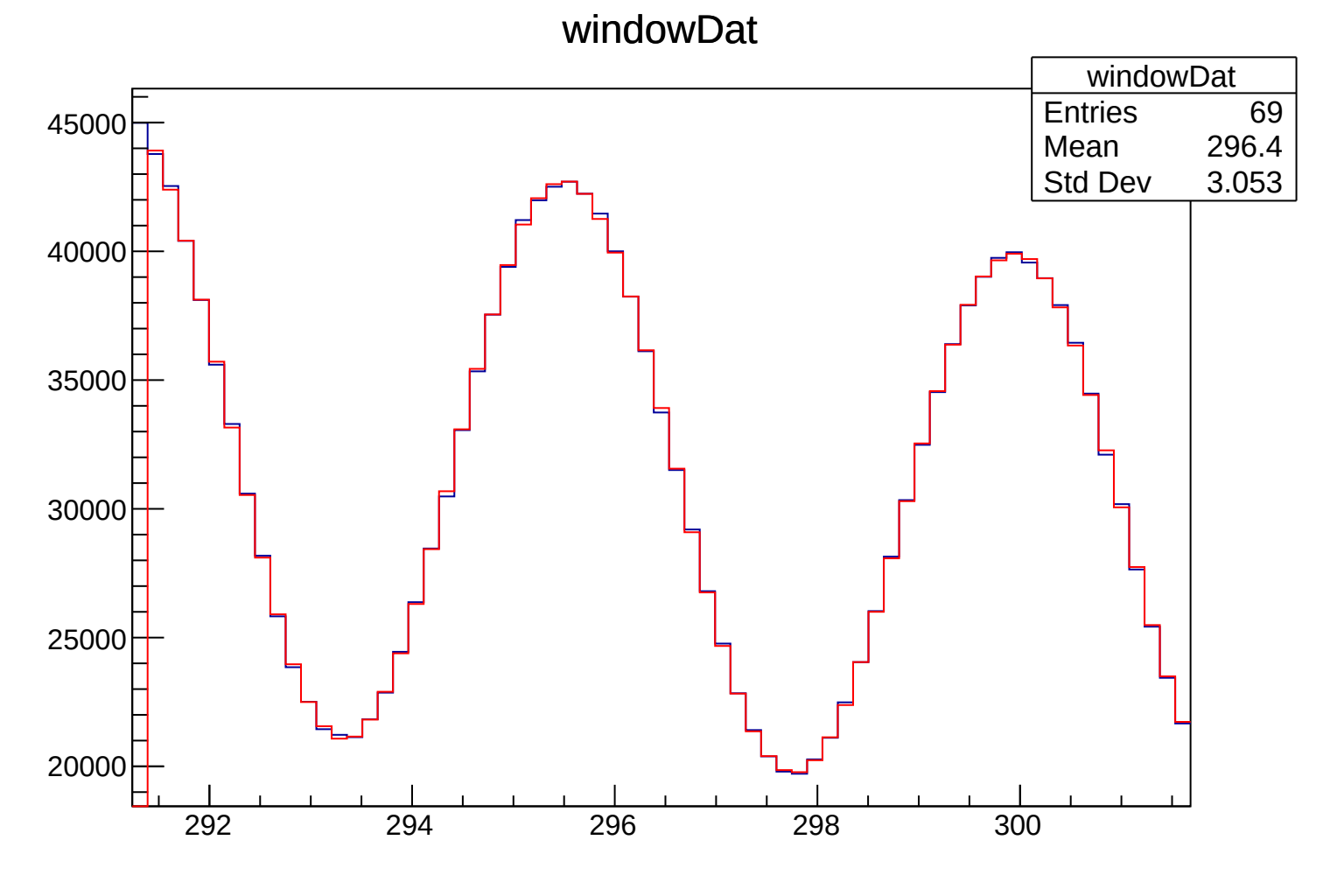

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.694e+06
Std Dev 9.965e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
3500

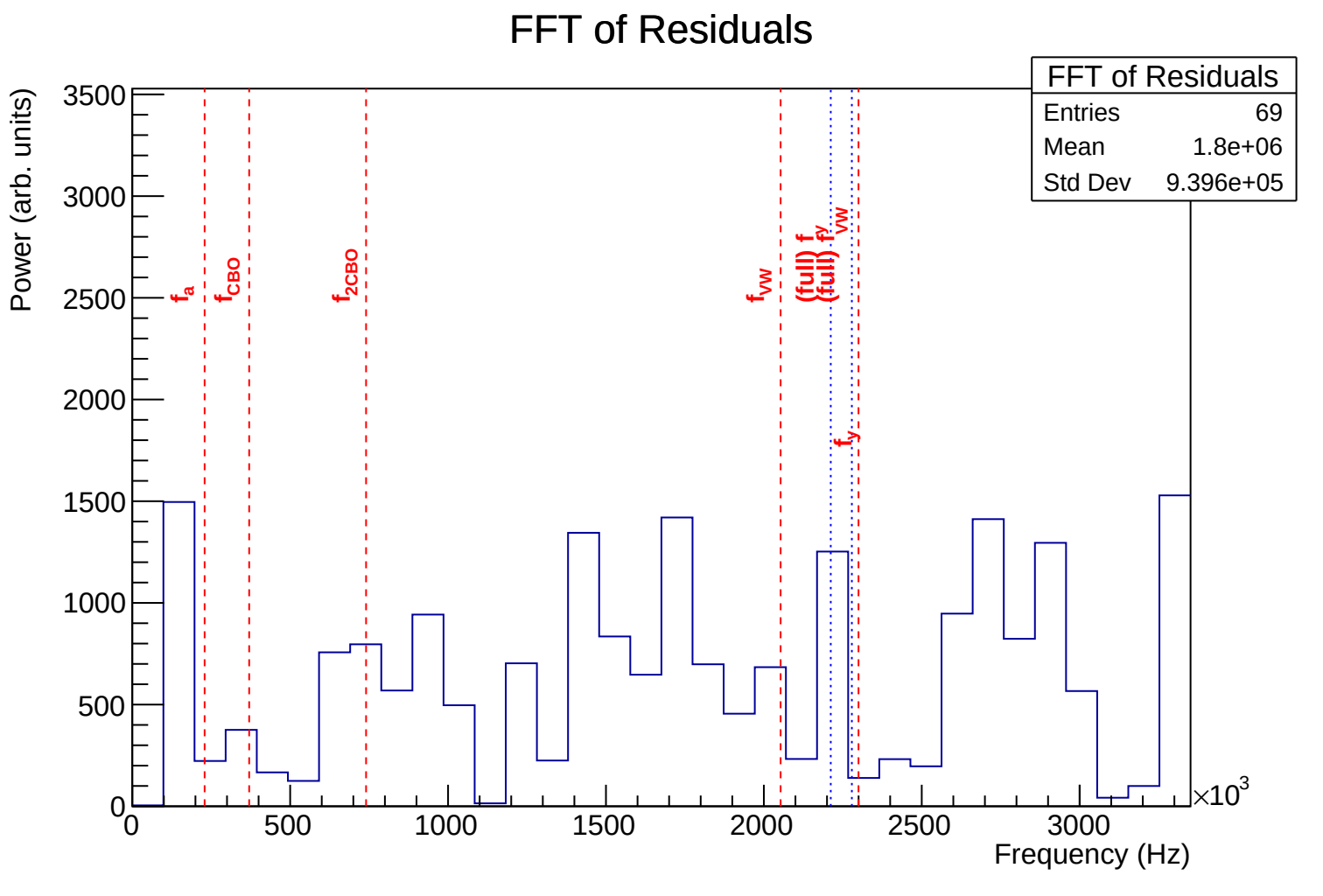

windowDat
windowDat
Entries 69
Mean 275.5
Std Dev 2.894
60000
55000
50000
45000
40000
35000
30000
25000
272
274
276
278
280


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.761e+06
Std Dev 8.864e+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

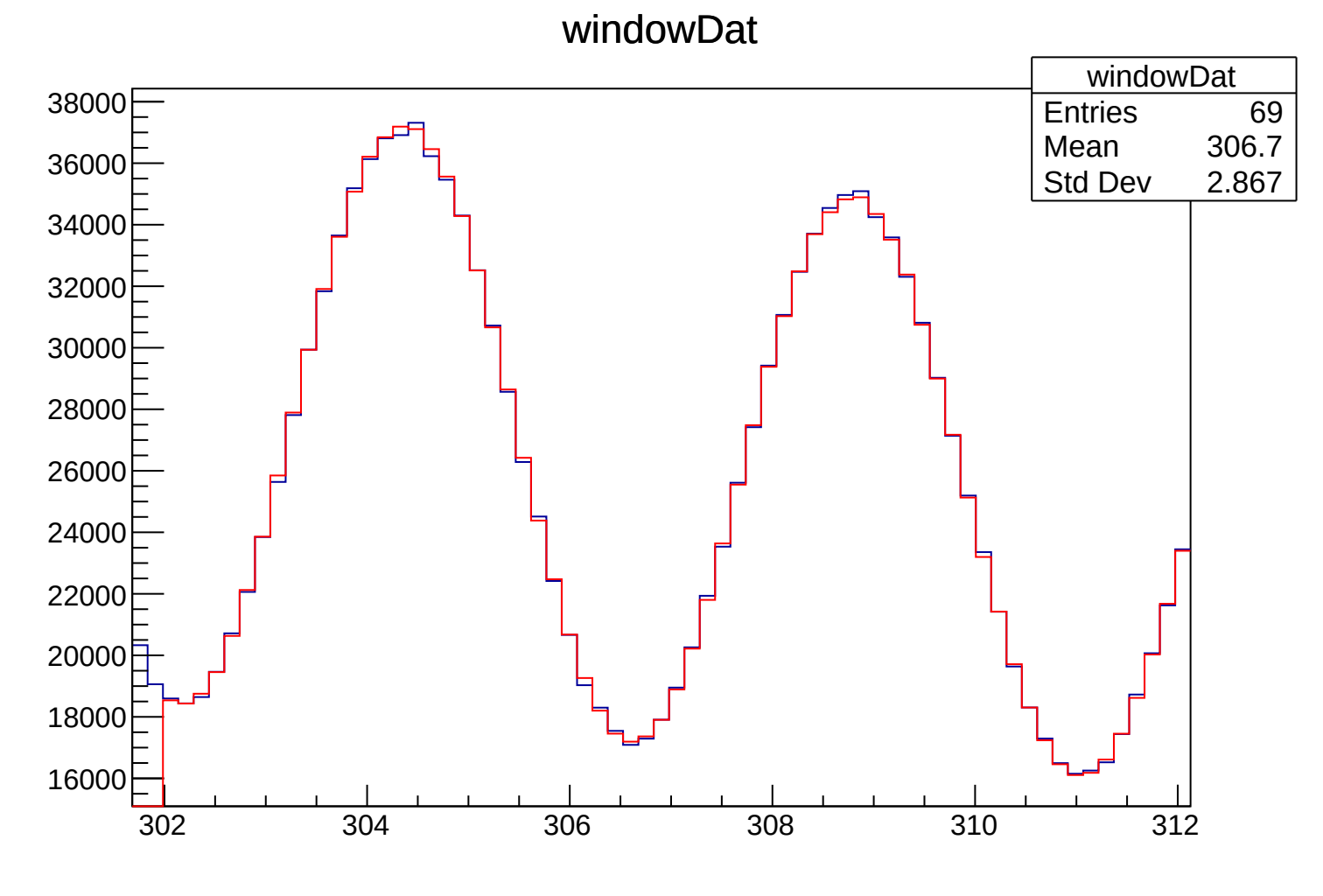

windowDat
windowDat
Entries 69
Mean 285.8
Std Dev 3.065
50000
45000
40000
35000
30000
25000
282
284
286
288
290

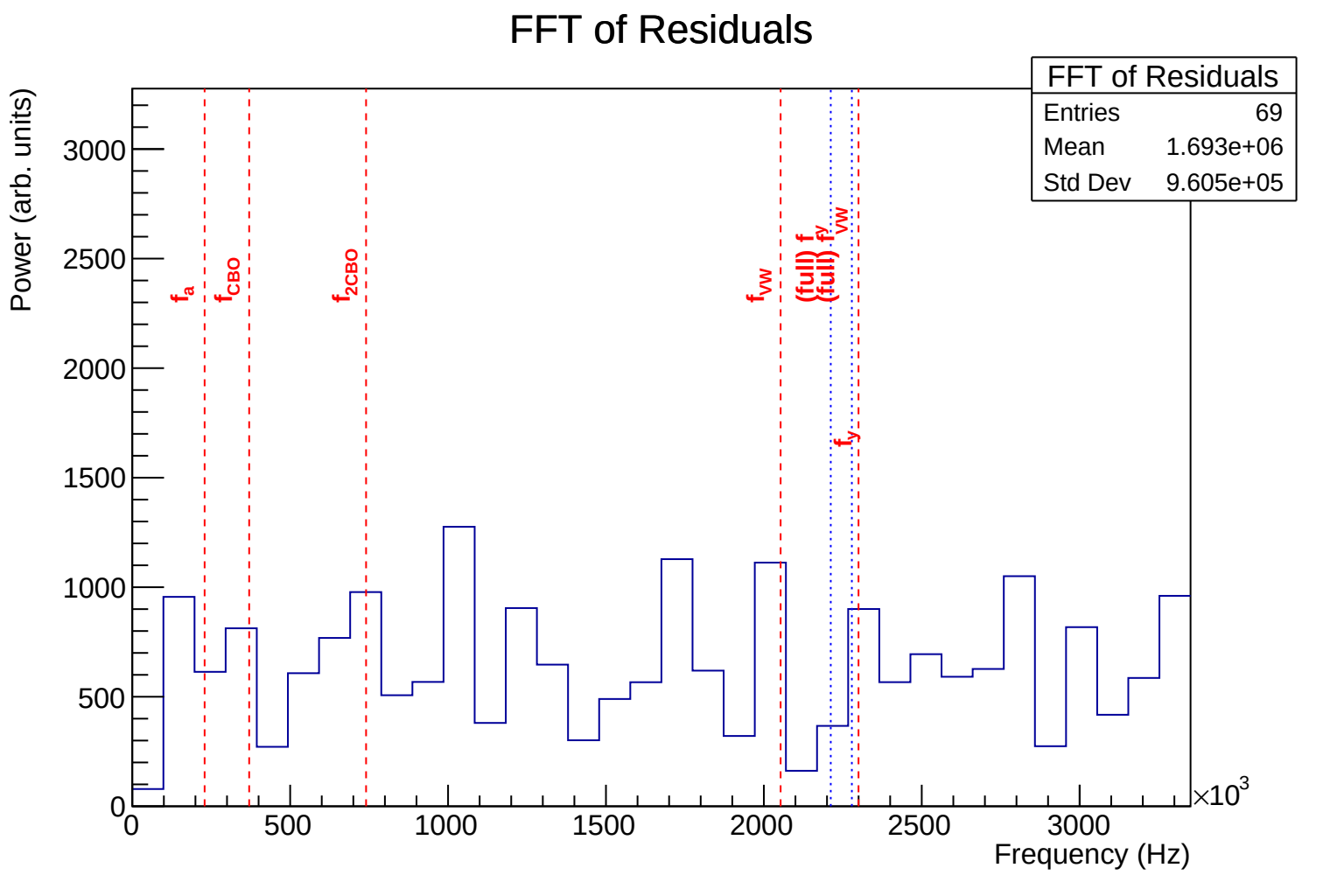

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.819e+06
Std Dev 9.538e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

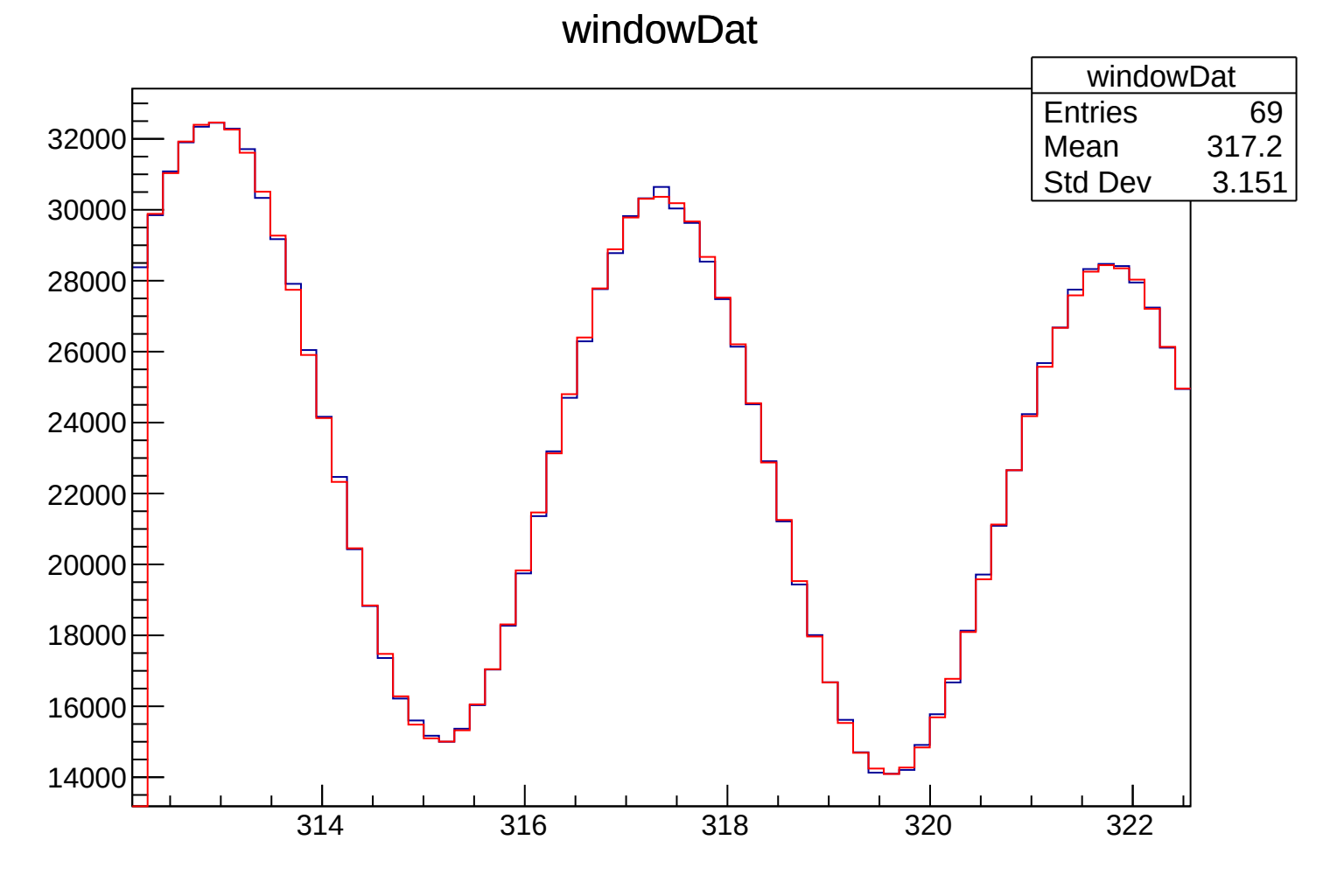

windowDat
windowDat
Entries 69
Mean 296.4
Std Dev 3.053
45000
40000
35000
30000
25000
20000
292
294
296
298
300

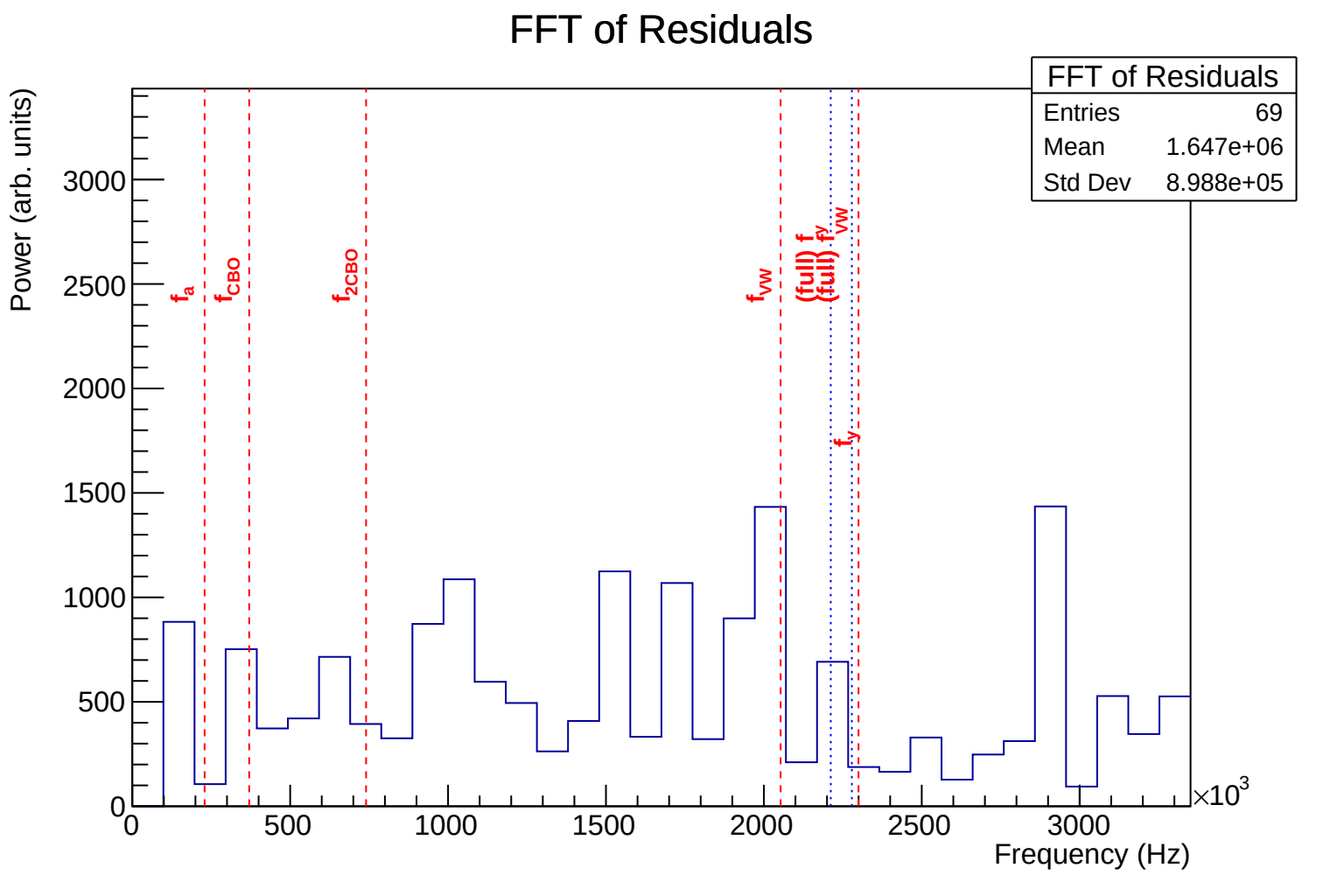


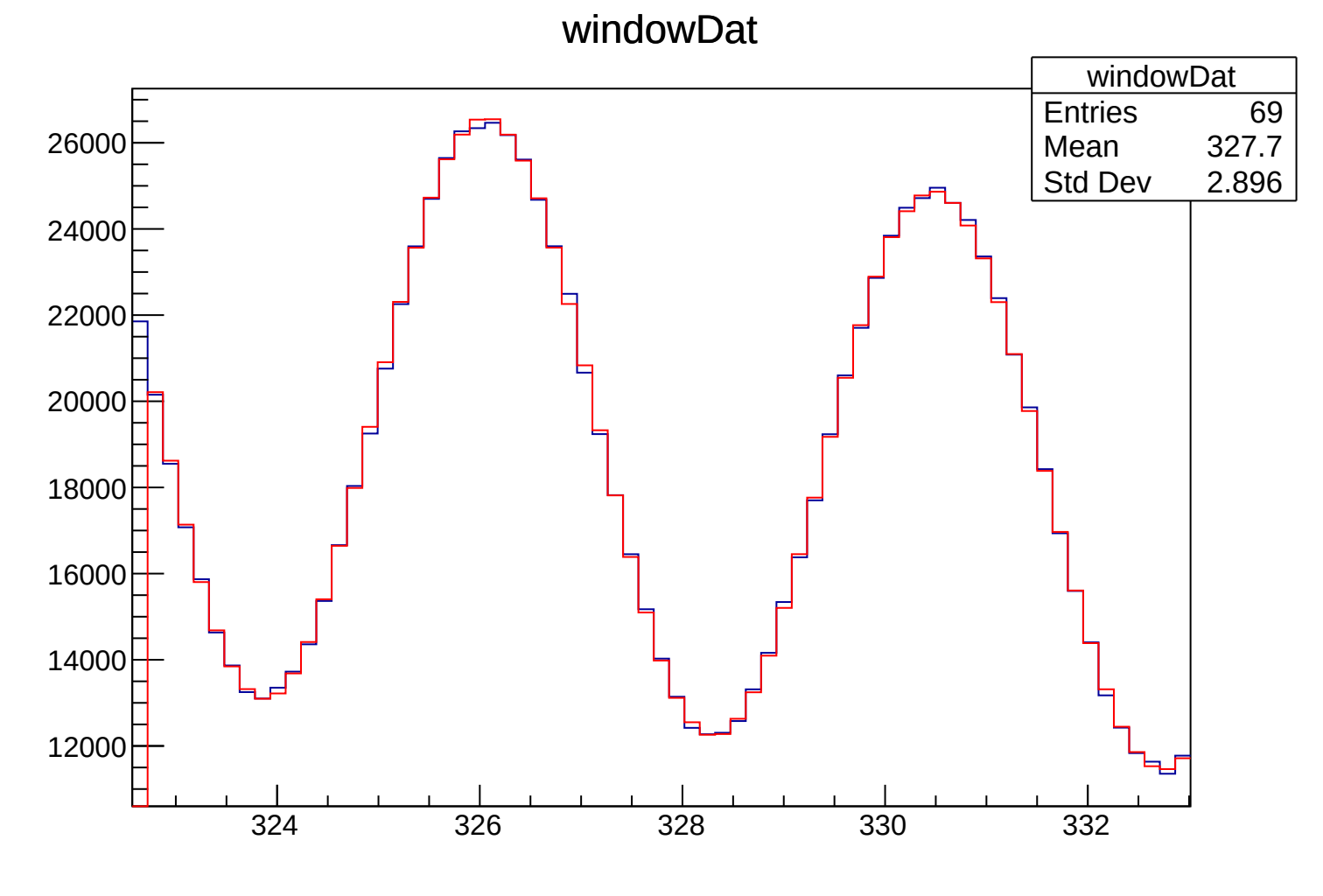
FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.8e+06
Std Dev 9.396e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y
0
500
1000
1500
2000
2500
3000
3500

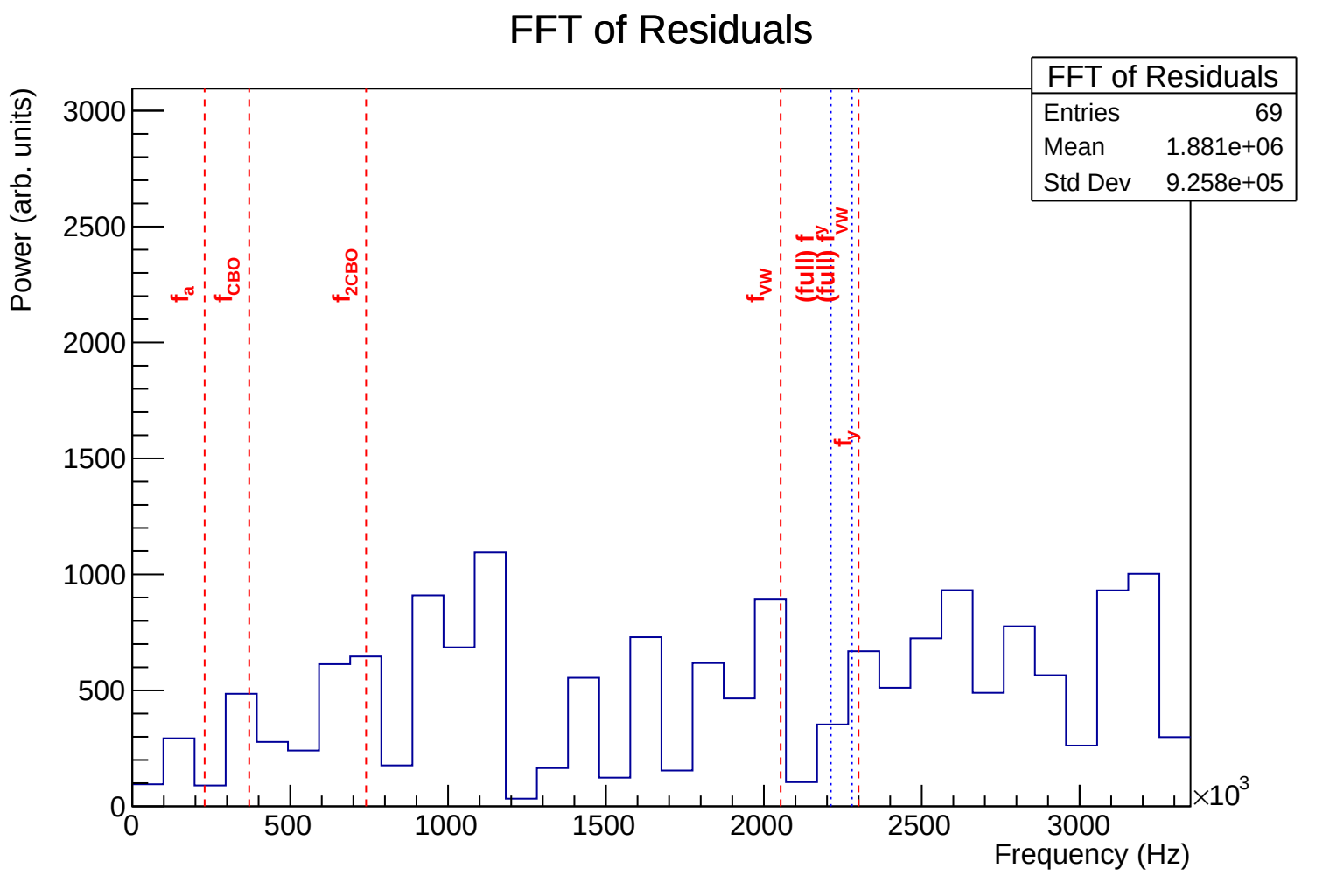

windowDat
windowDat
Entries 69
Mean 306.7
Std Dev 2.867
38000
36000
34000
32000
30000
28000
26000
24000
22000
20000
18000
16000
302
304
306
308
310
312

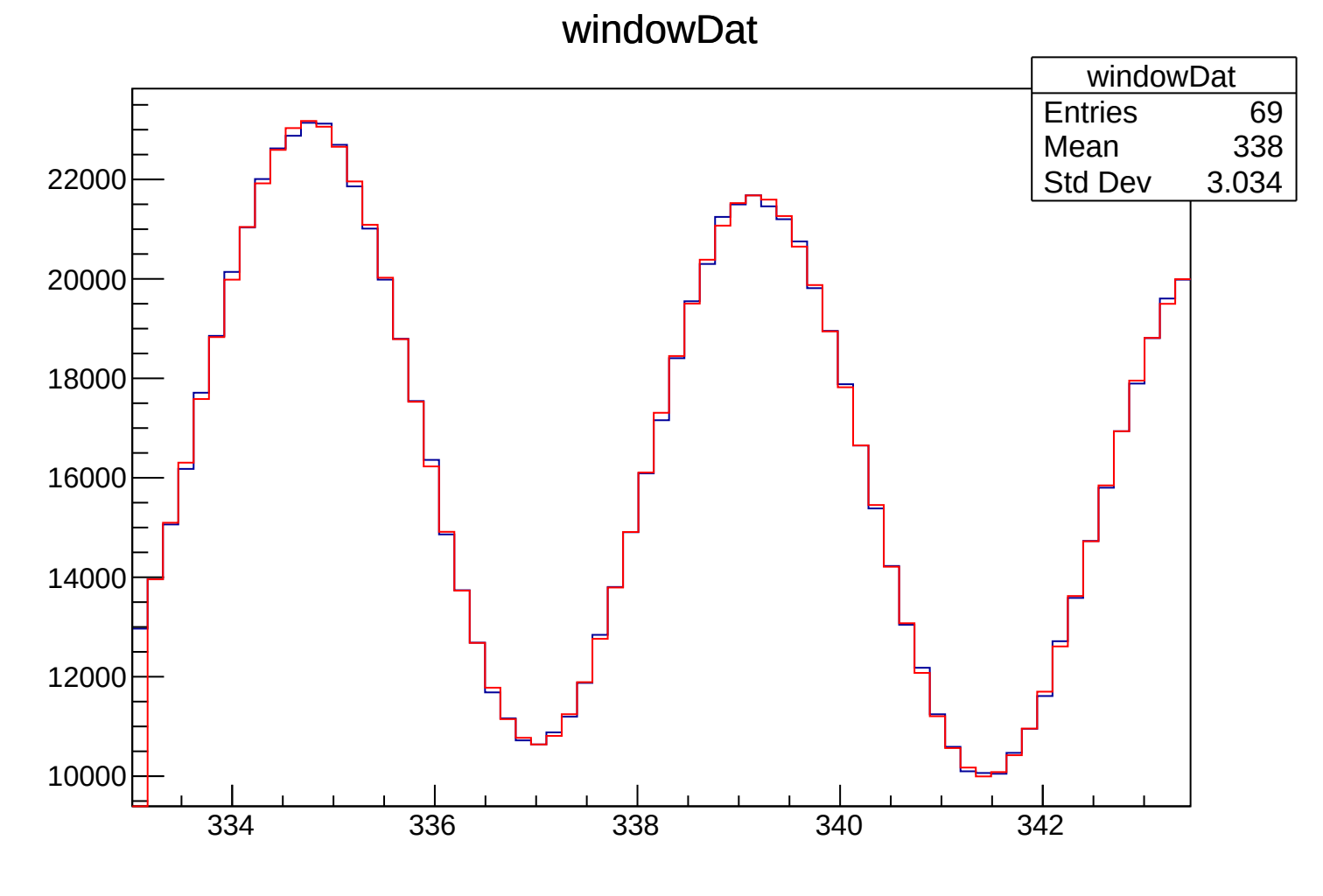

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.693e+06
Std Dev 9.605e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

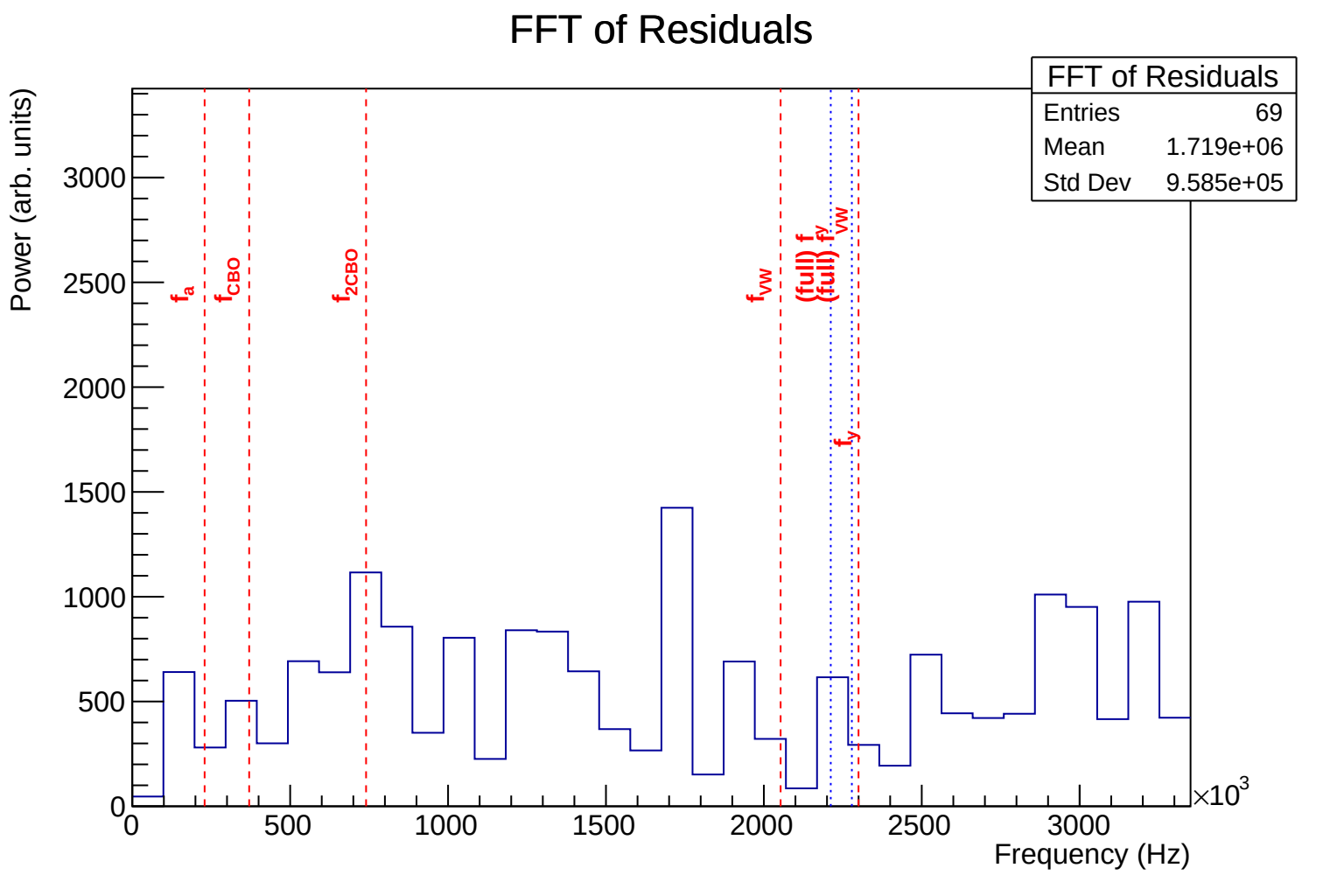

windowDat
windowDat
Entries 69
Mean 317.2
Std Dev 3.151
32000
30000
28000
26000
24000
22000
20000
18000
16000
14000
314
316
318
320
322

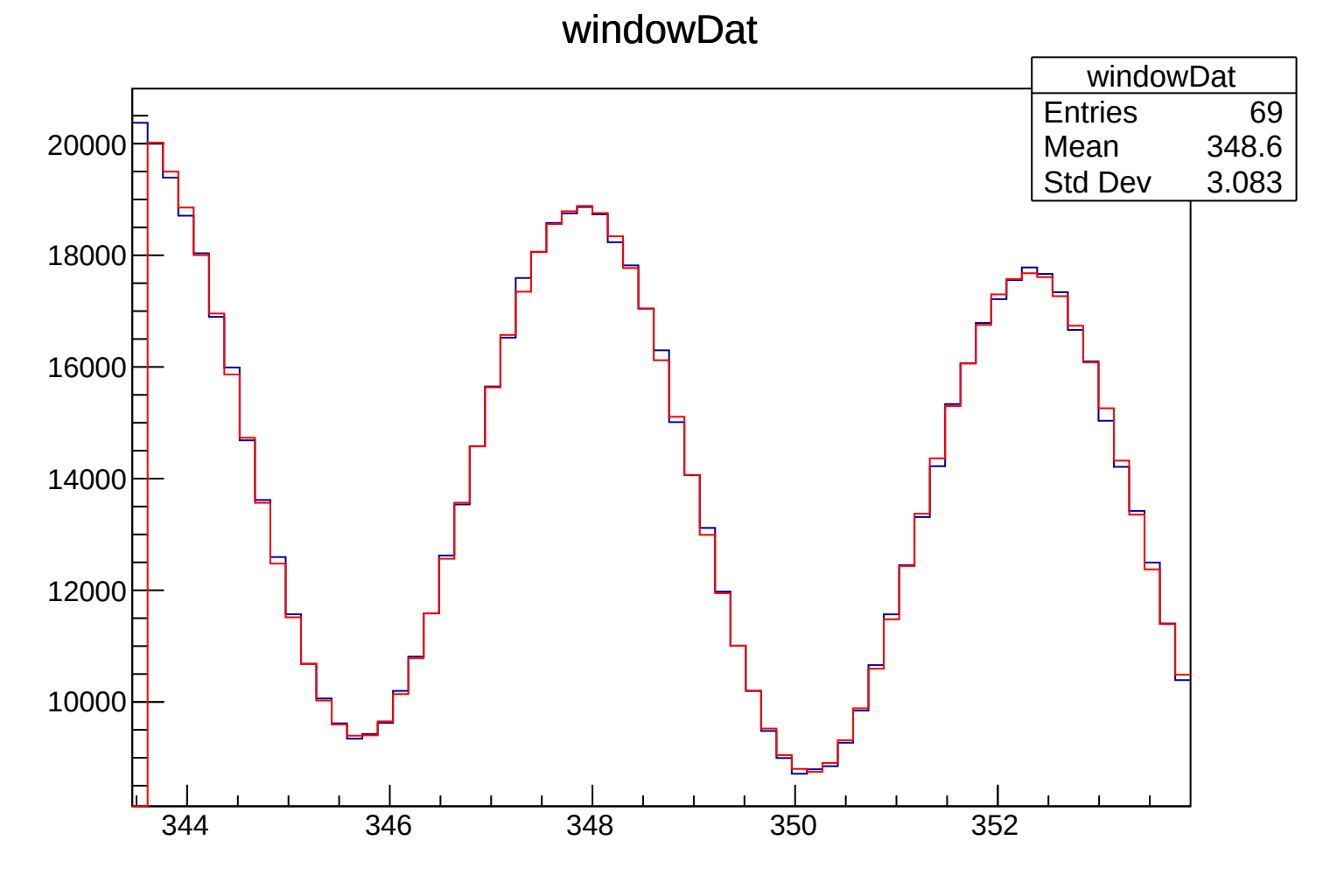

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.647e+06
Std Dev 8.988e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000

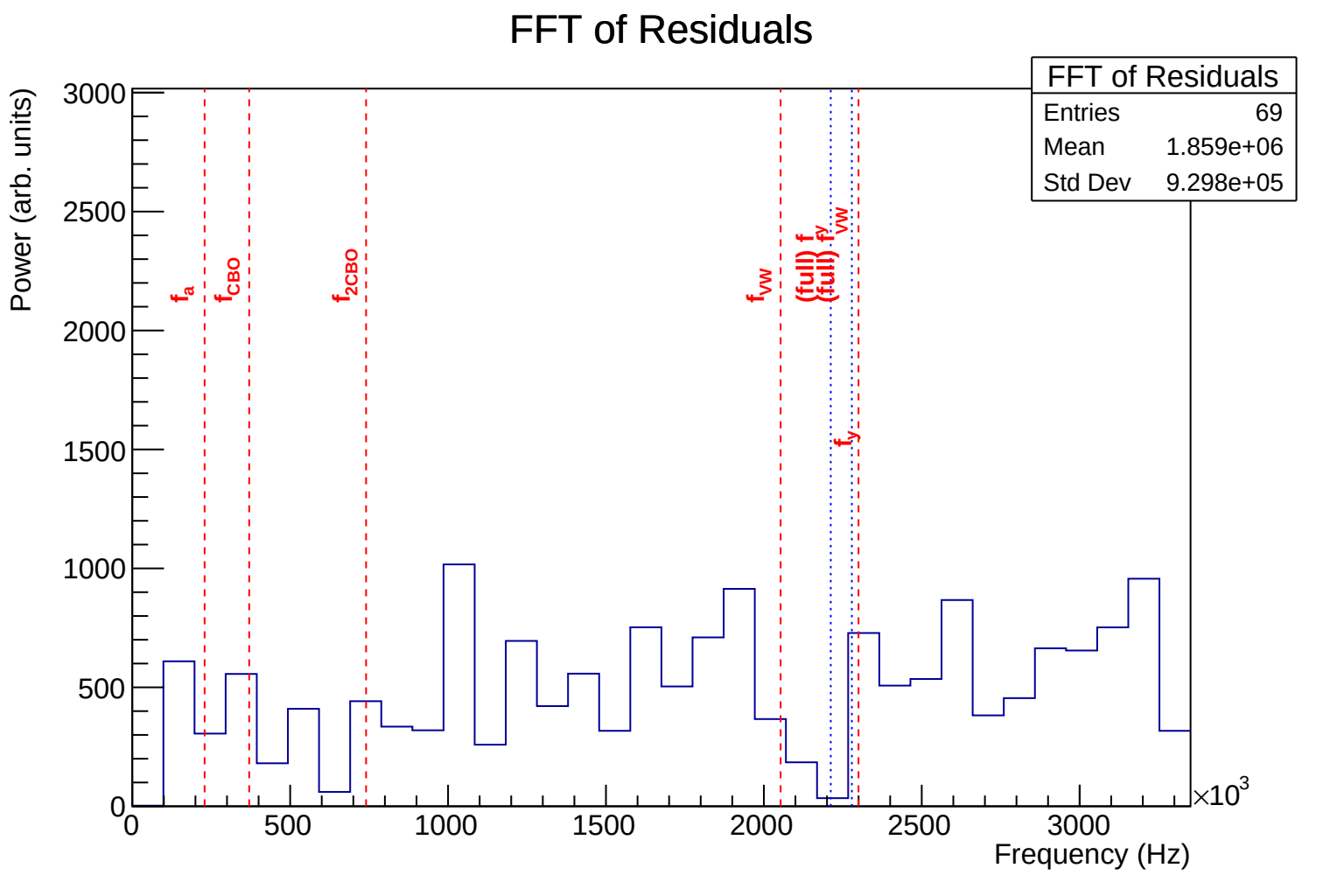

windowDat
windowDat
Entries 69
Mean 327.7
Std Dev 2.896
26000
24000
22000
20000
18000
16000
14000
12000
324
326
328
330
332

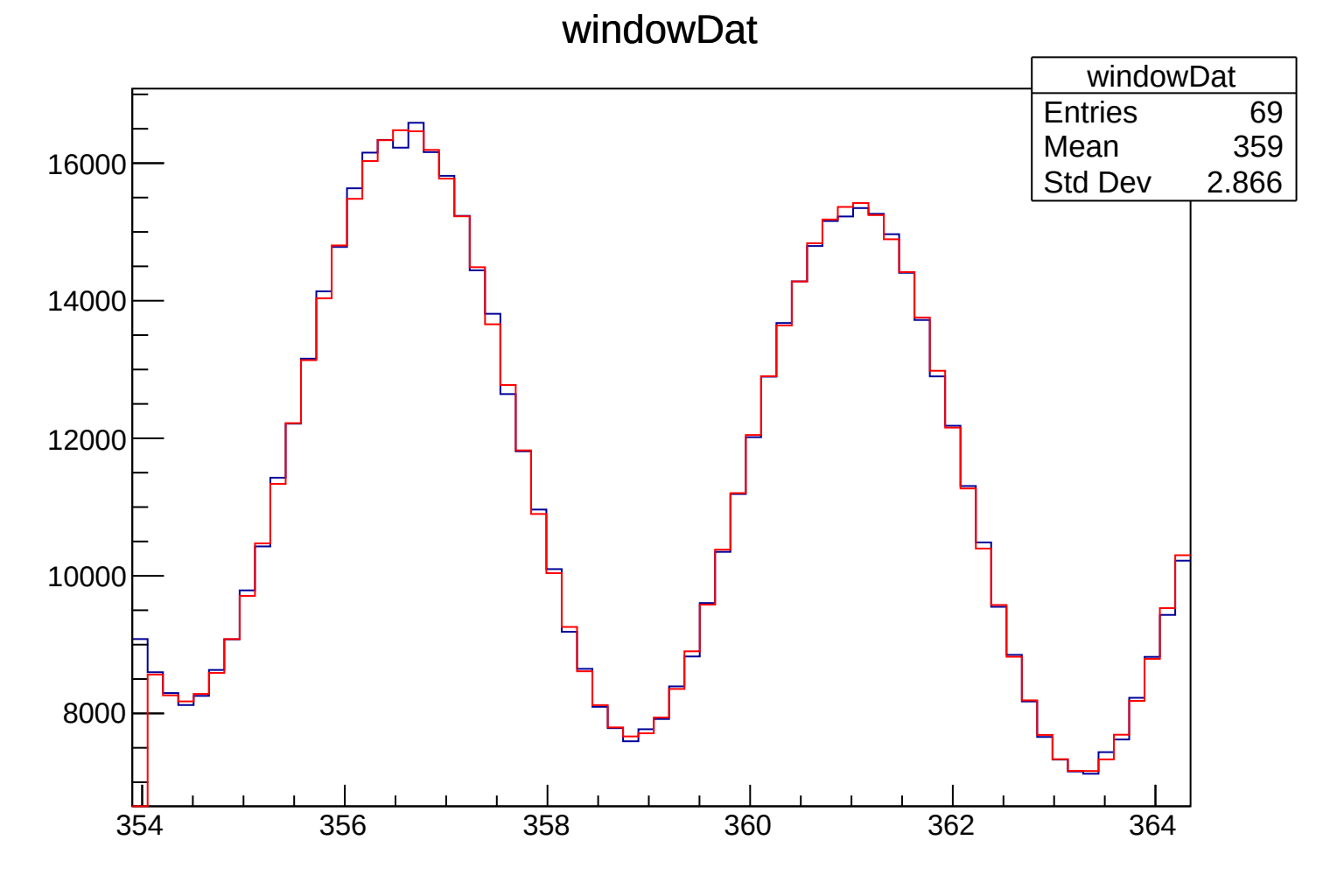

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.881e+06
Std Dev 9.258e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000

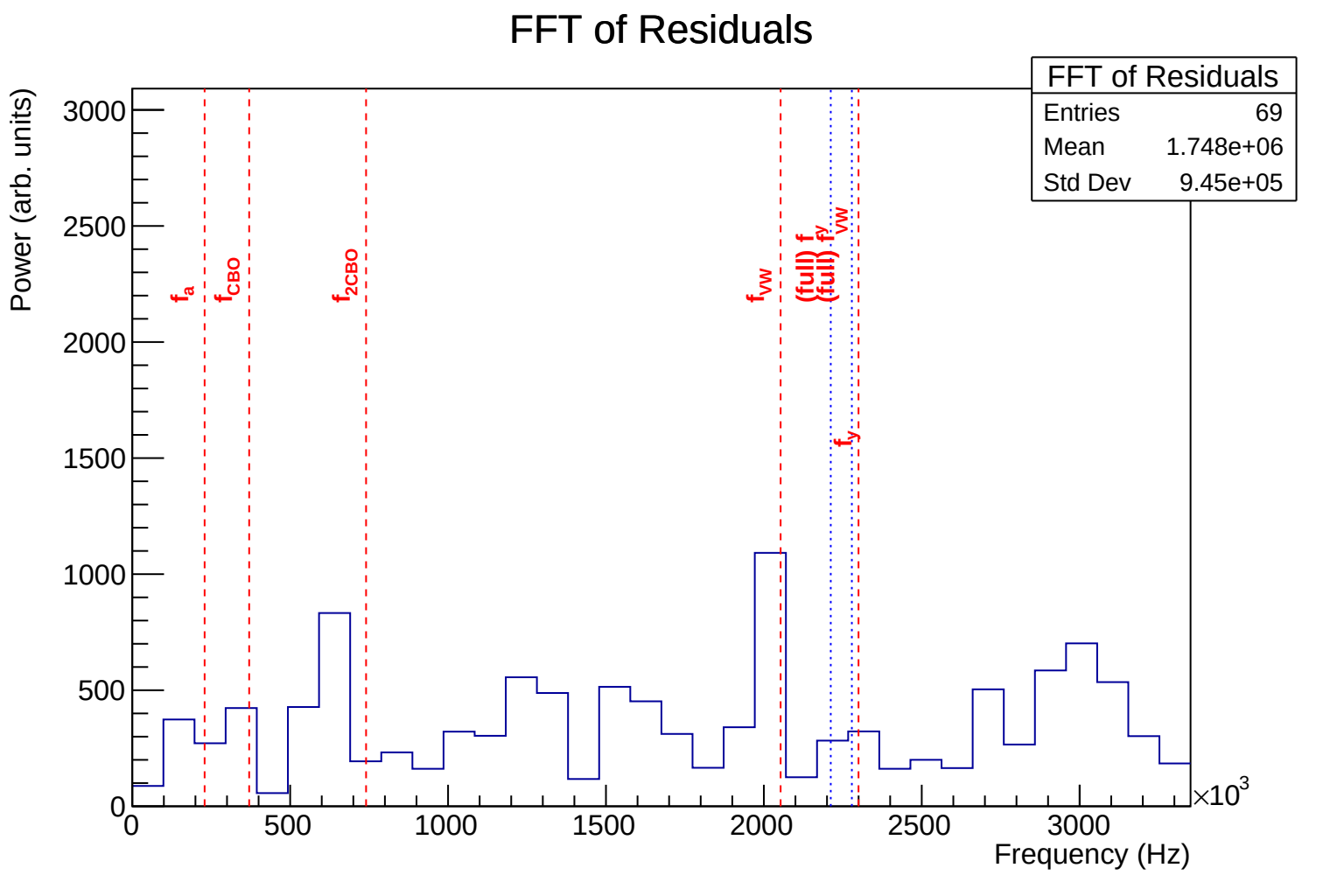

windowDat
windowDat
Entries 69
Mean 338
Std Dev 3.034
22000
20000
18000
16000
14000
12000
10000
334
336
338
340
342

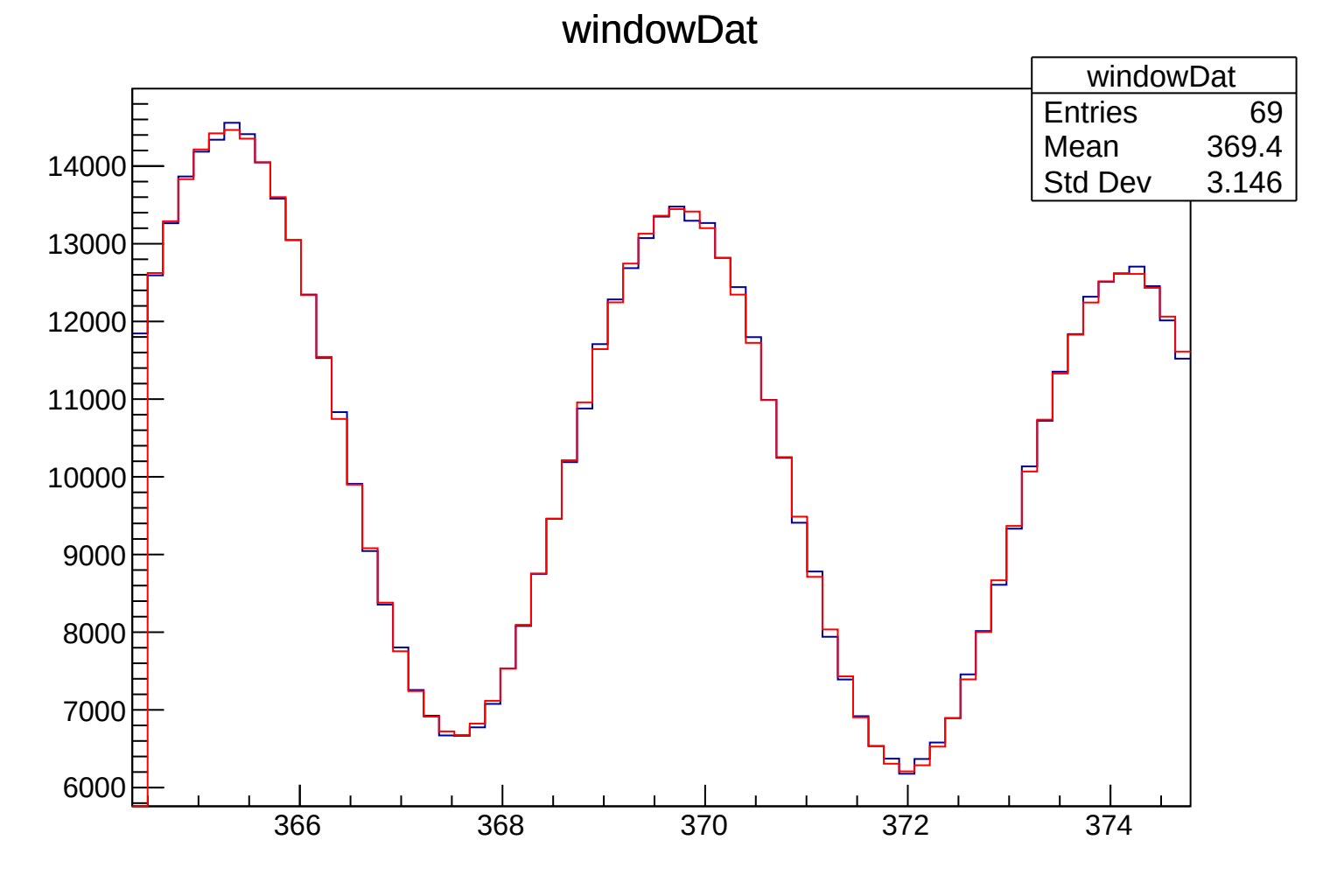

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.719e+06
Std Dev 9.585e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

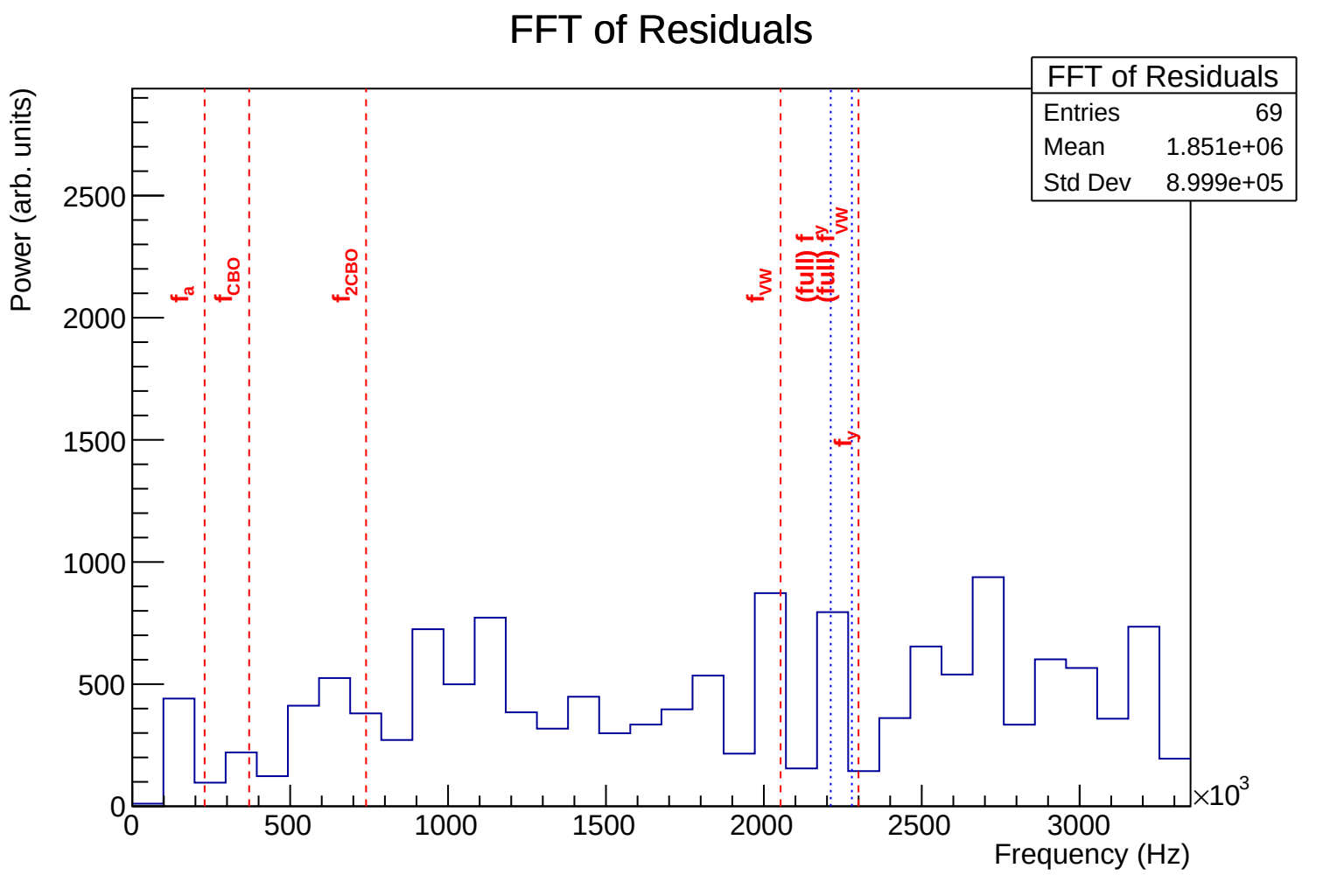

windowDat
windowDat
Entries 69
Mean 348.6
Std Dev 3.083
20000
18000
16000
14000
12000
10000
344
346
348
350
352

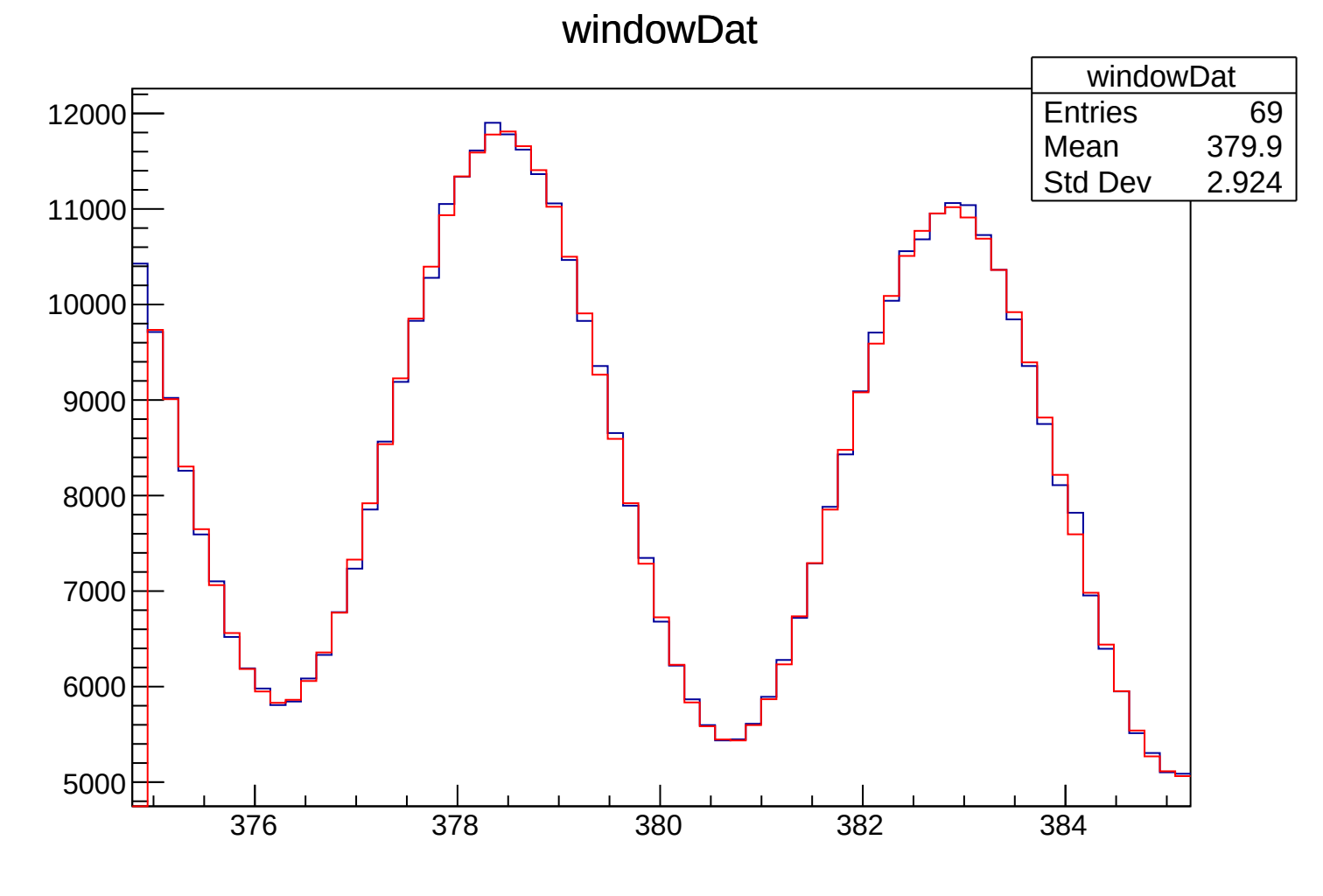

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.859e+06
Std Dev 9.298e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

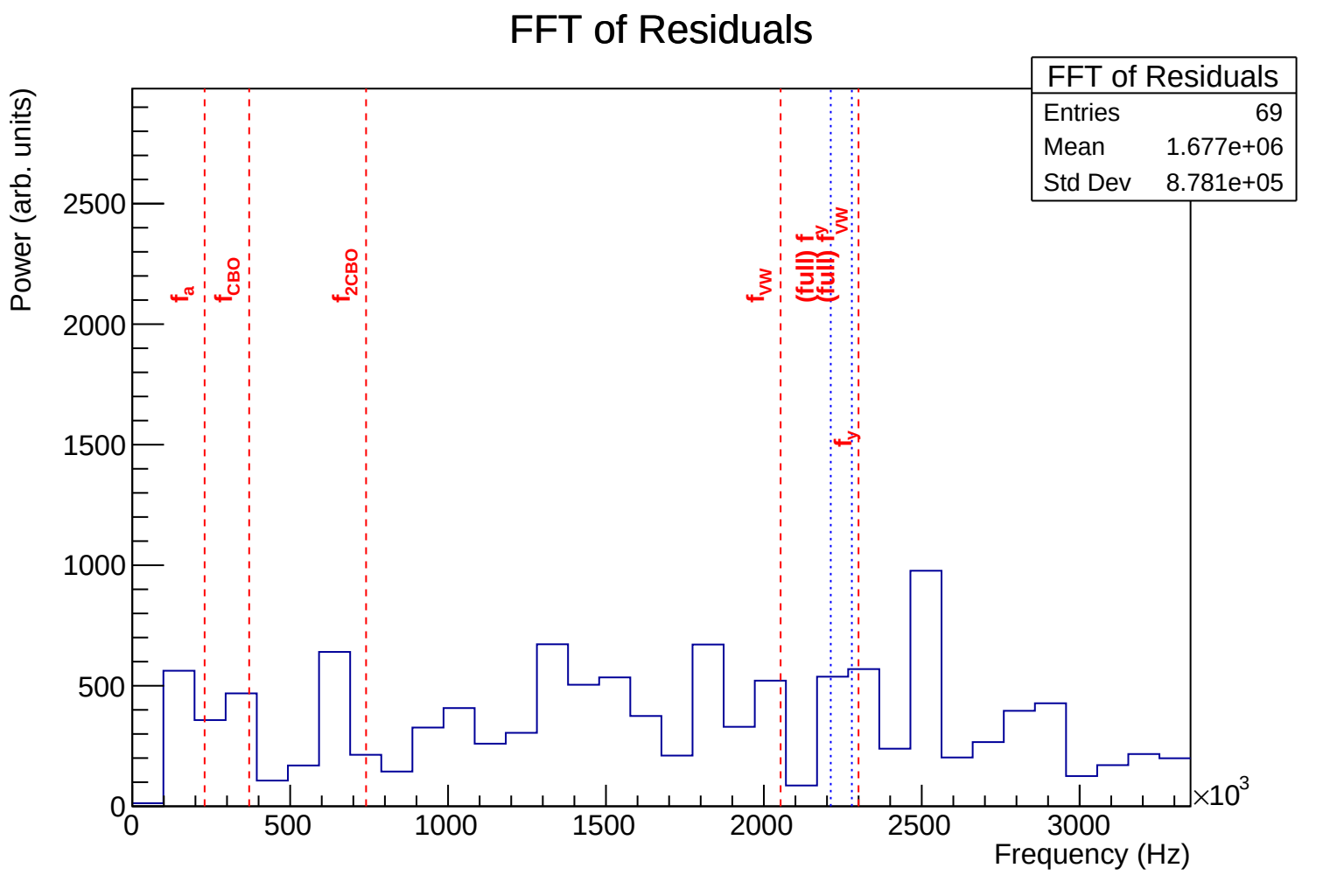

windowDat
windowDat
Entries 69
Mean 359
Std Dev 2.866
16000
14000
12000
10000
8000
354
356
358
360
362
364

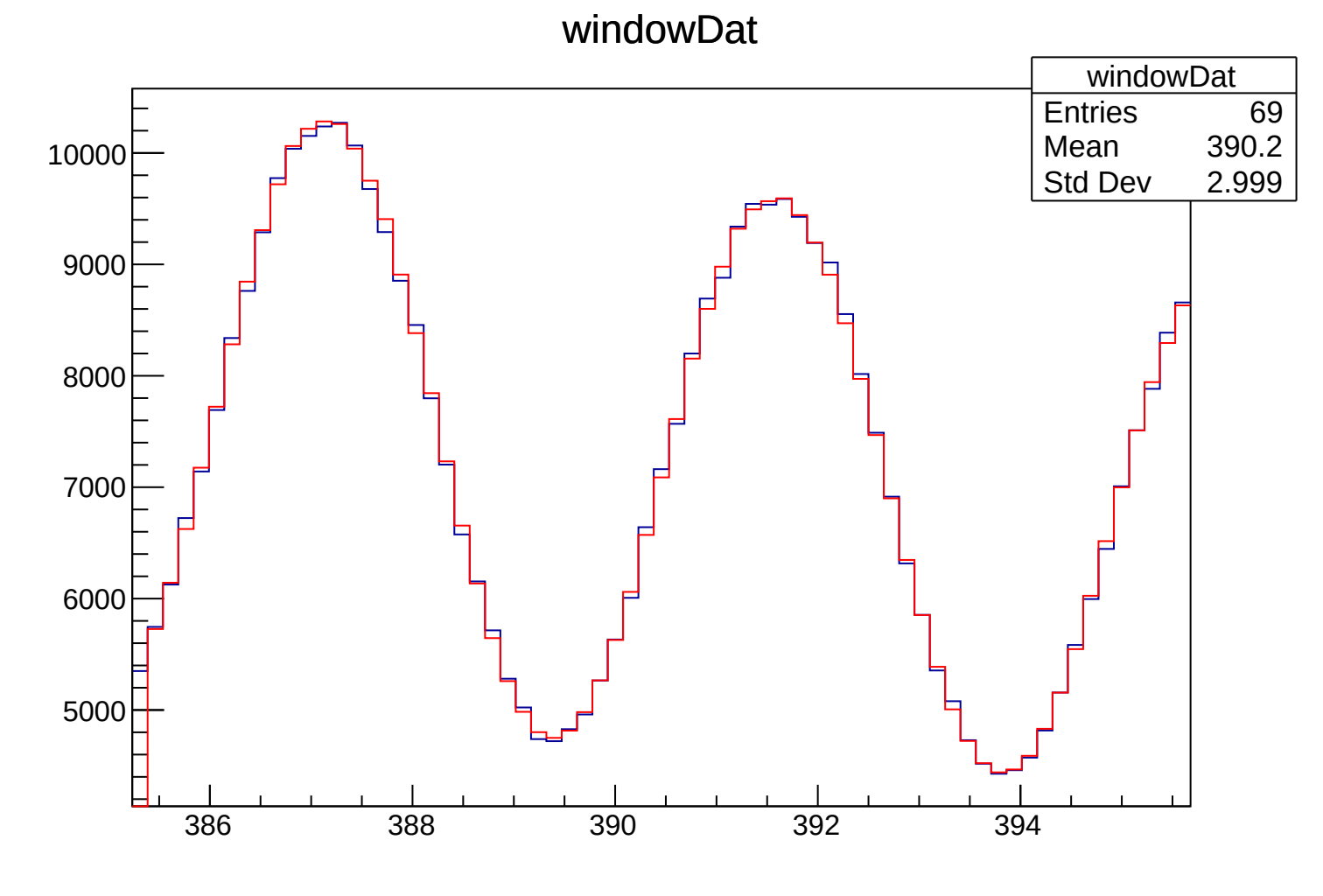

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.748e+06
Std Dev 9.45e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000

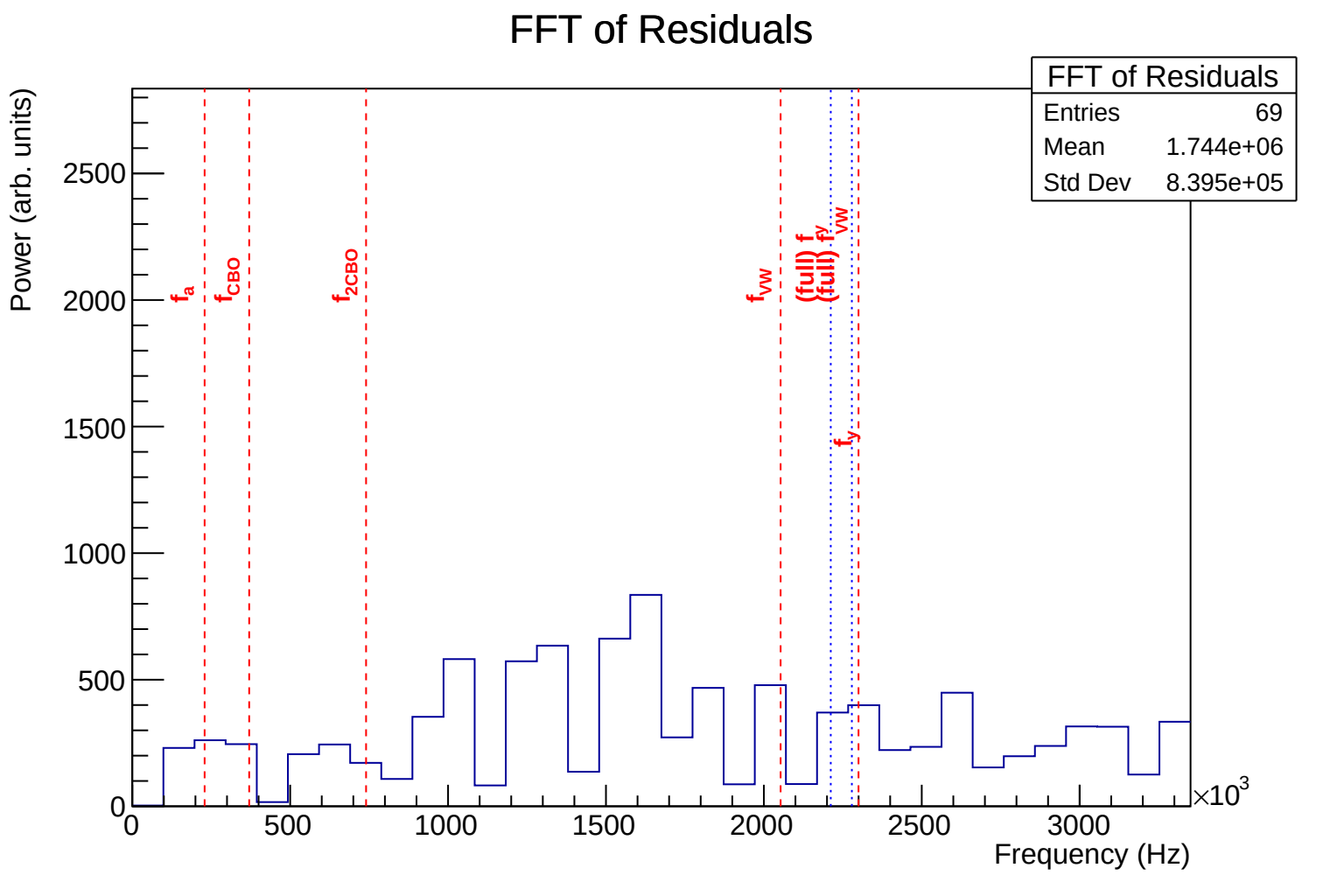

windowDat
windowDat
Entries 69
Mean 369.4
Std Dev 3.146
14000
13000
12000
11000
10000
9000
8000
7000
6000
366
368
370
372
374

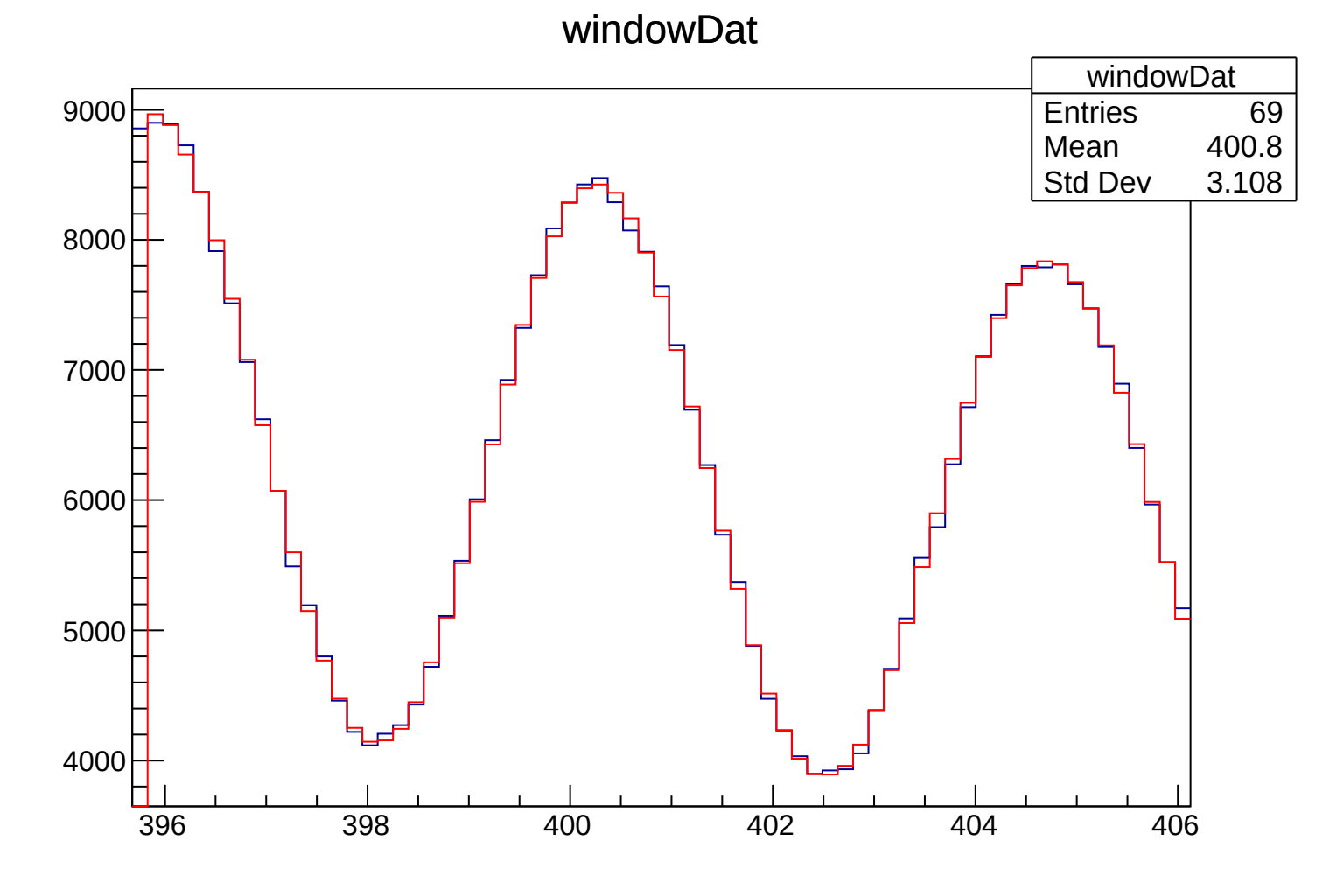

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.851e+06
Std Dev 8.999e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
f_y

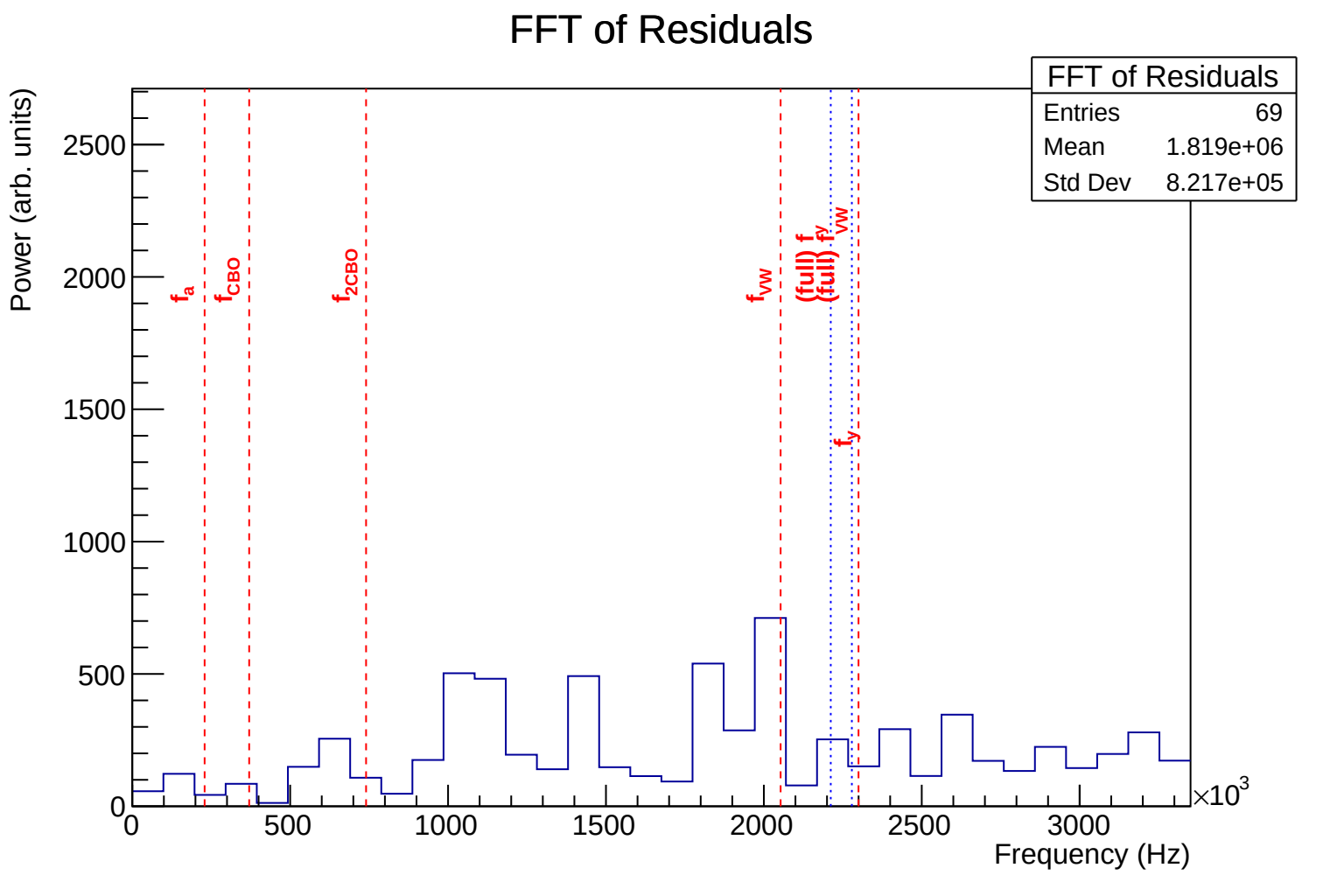

windowDat
windowDat
Entries 69
Mean 379.9
Std Dev 2.924
12000
11000
10000
9000
8000
7000
6000
5000
376
378
380
382
384

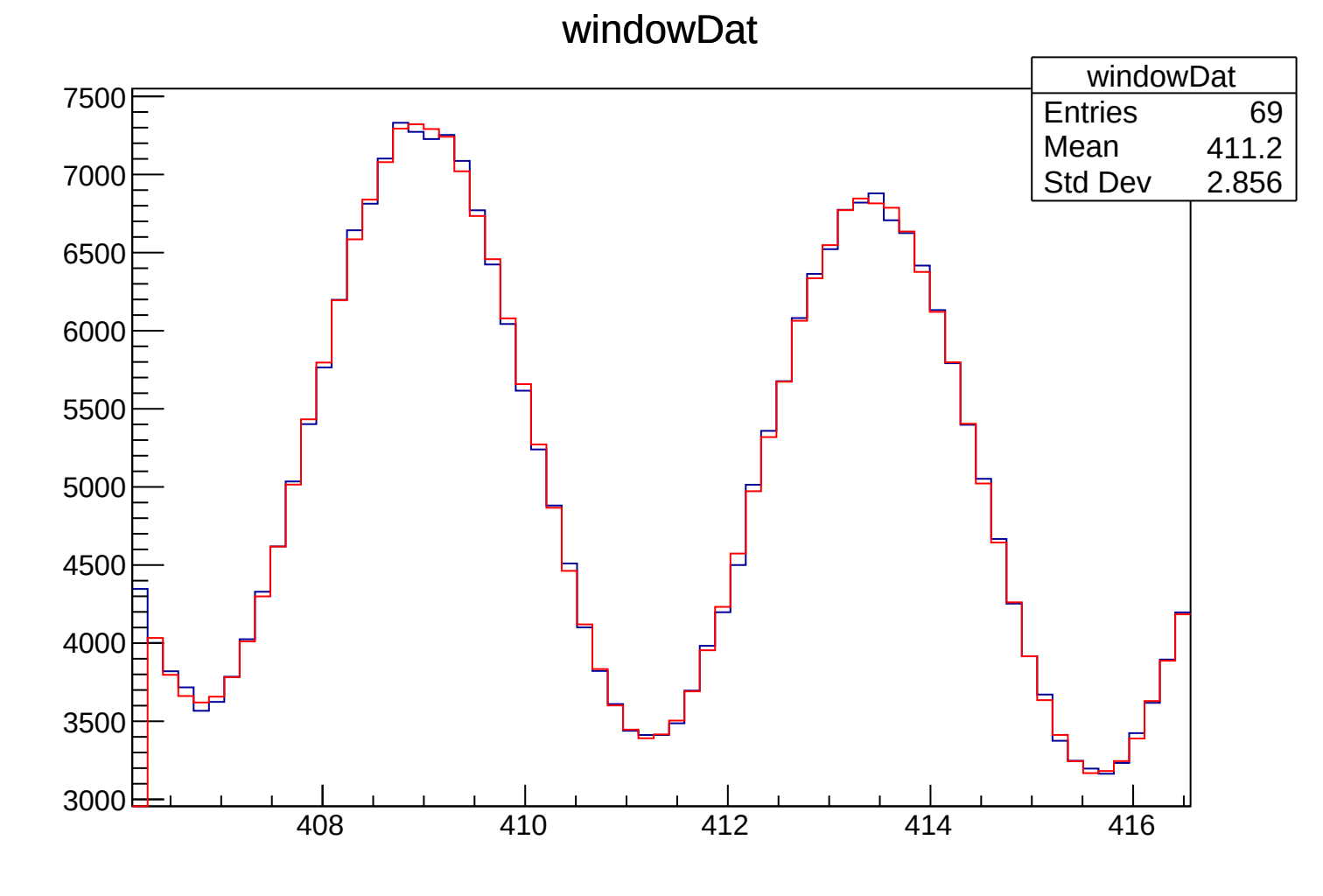

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.677e+06
Std Dev 8.781e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000

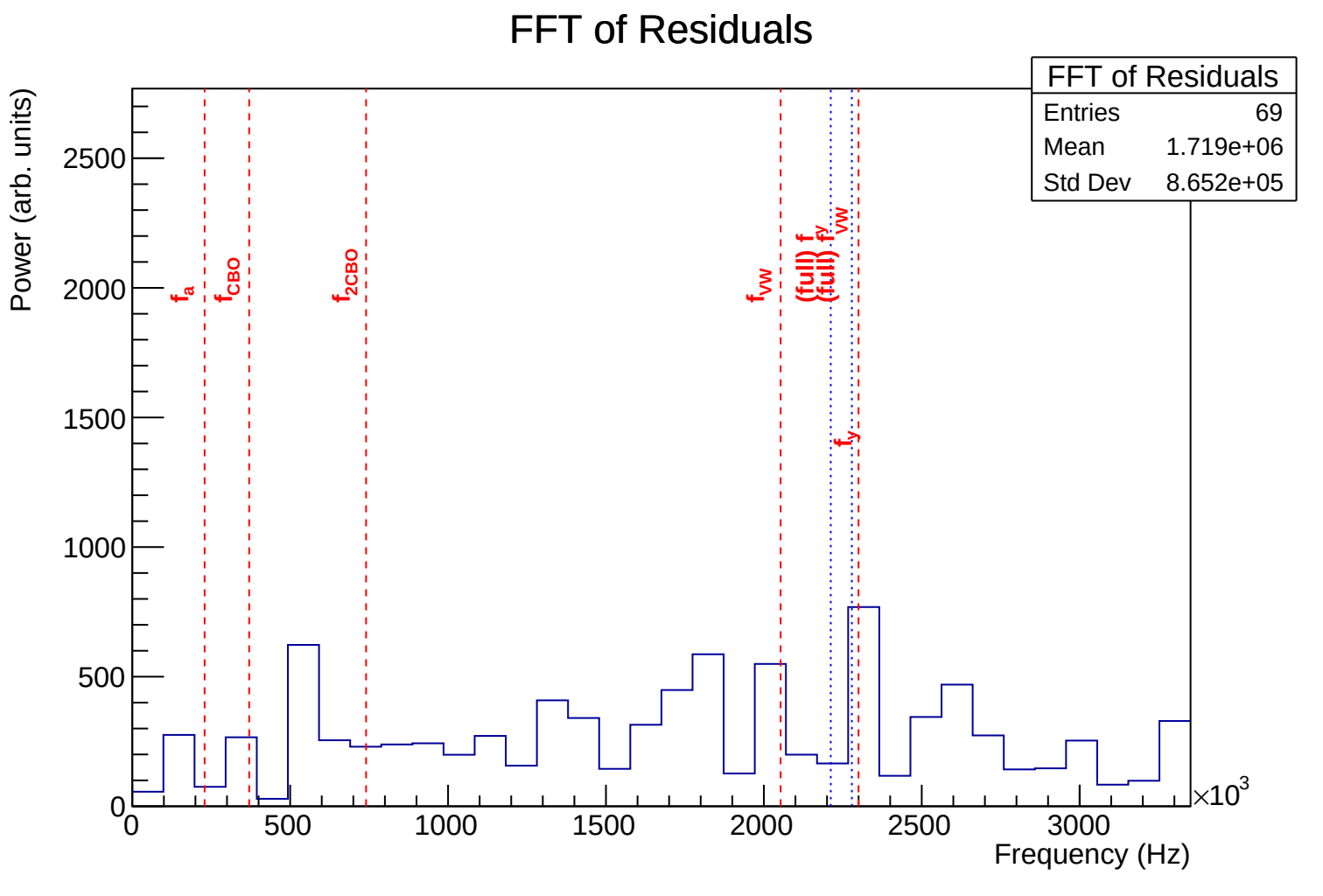

windowDat
windowDat
Entries 69
Mean 390.2
Std Dev 2.999
10000
9000
8000
7000
6000
5000
386
388
390
392
394

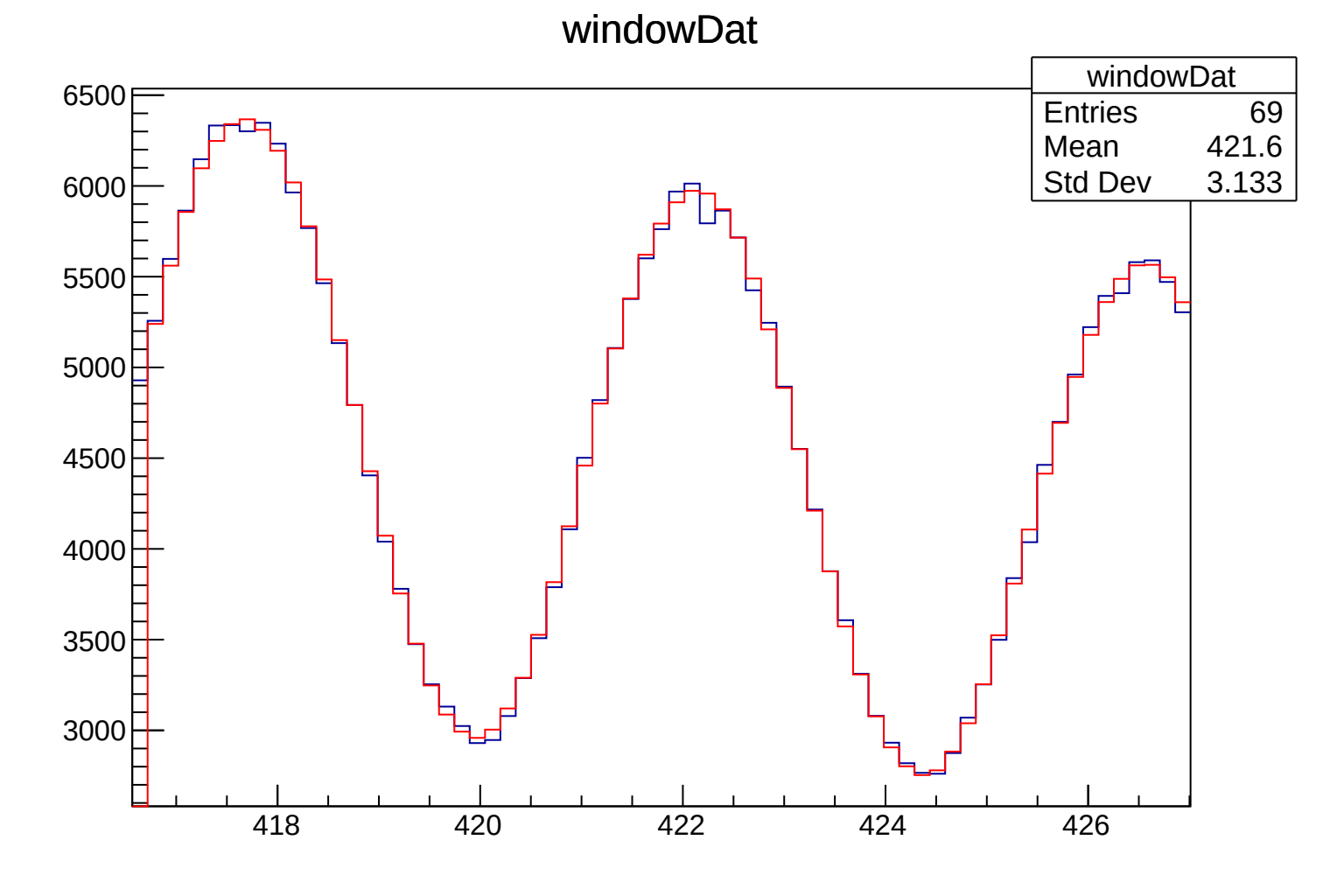

FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.744e+06
Std Dev 8.395e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
f_y
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 69
Mean 400.8
Std Dev 3.108
9000
8000
7000
6000
5000
4000
396
398
400
402
404
406


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.819e+06
Std Dev 8.217e+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 411.2
Std Dev 2.856
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
408
410
412
414
416


FFT of Residuals
FFT of Residuals
Entries 69
Mean 1.719e+06
Std Dev 8.652e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
f_y
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 69
Mean 421.6
Std Dev 3.133
6500
6000
5500
5000
4500
4000
3500
3000
418
420
422
424
426