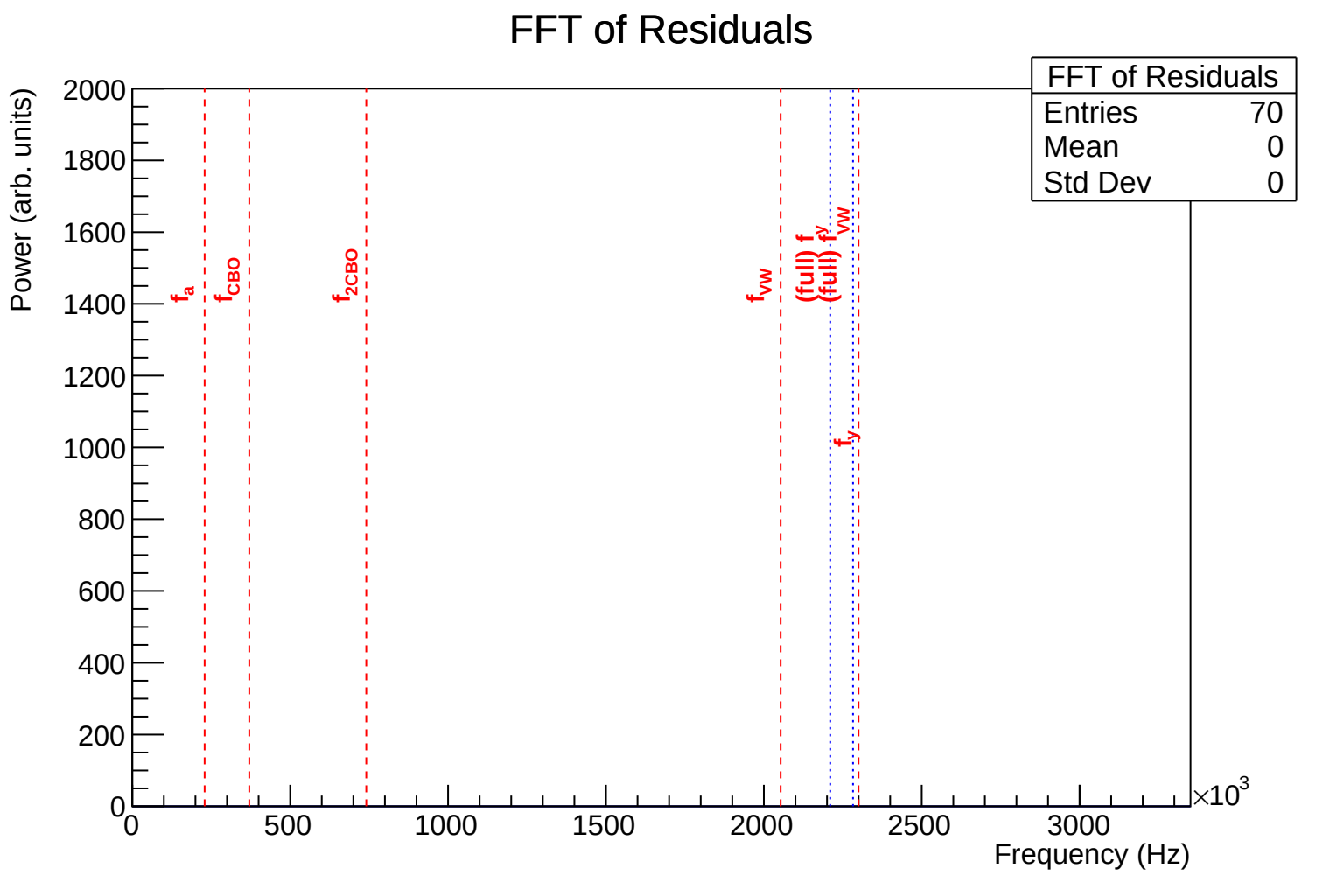
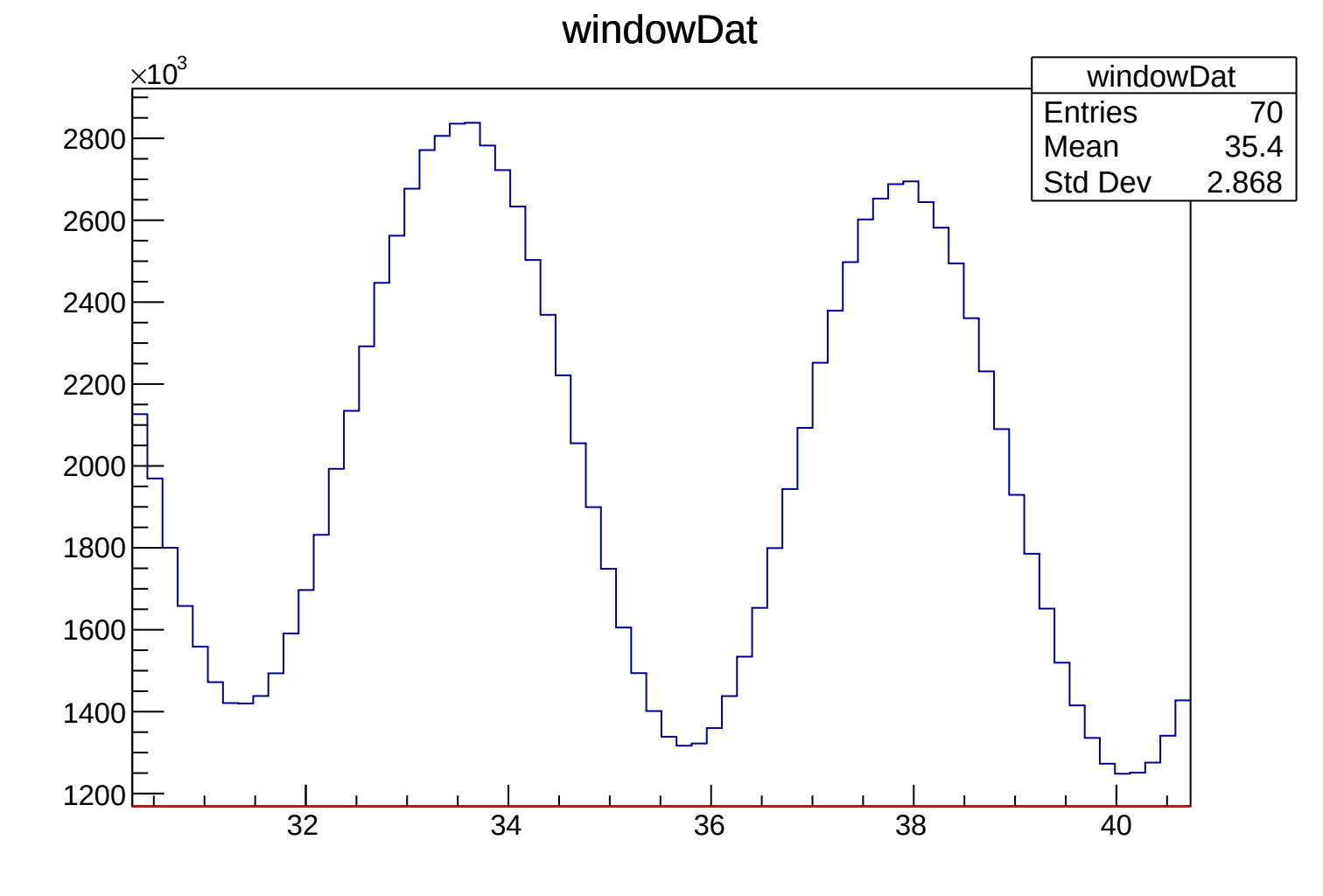
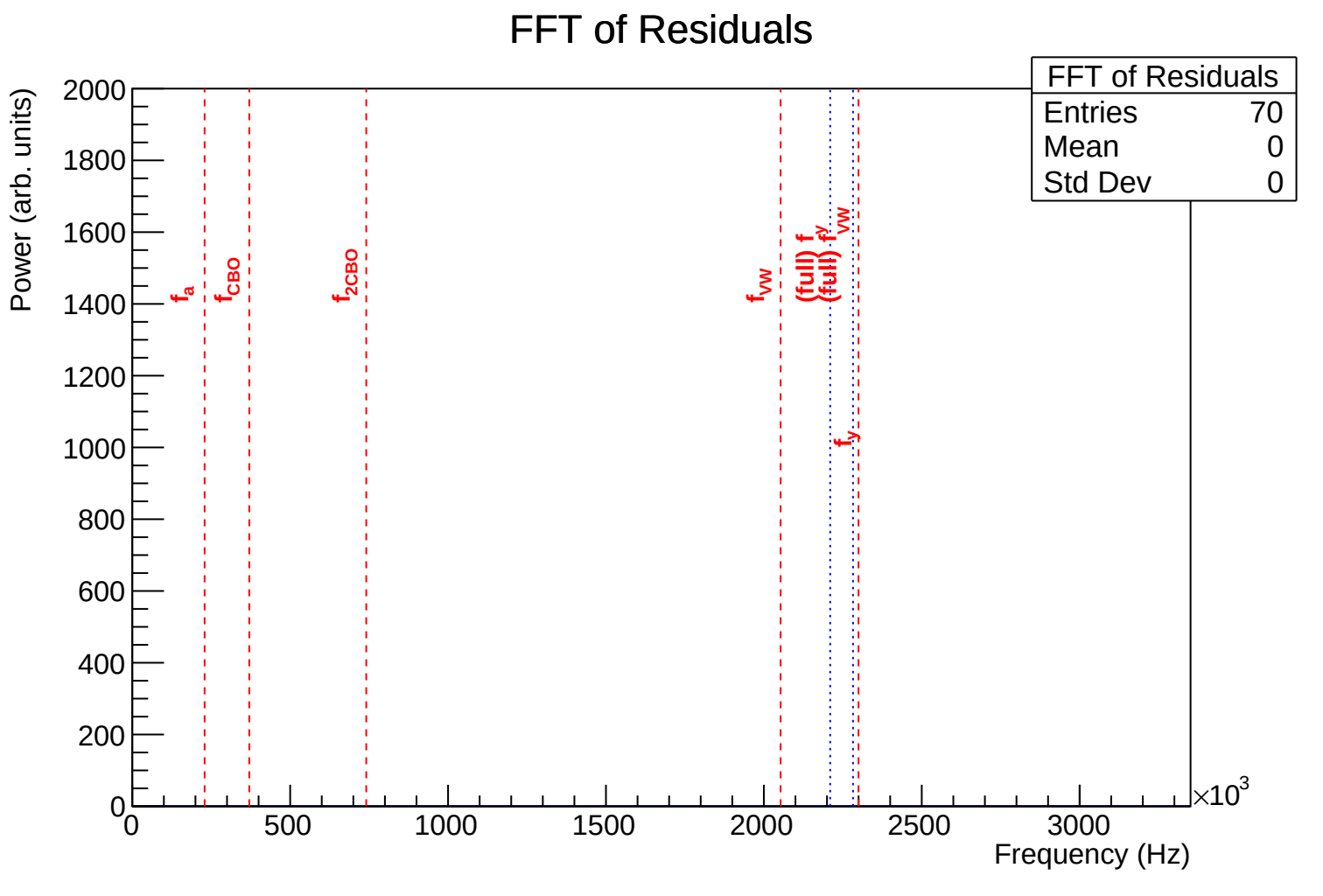
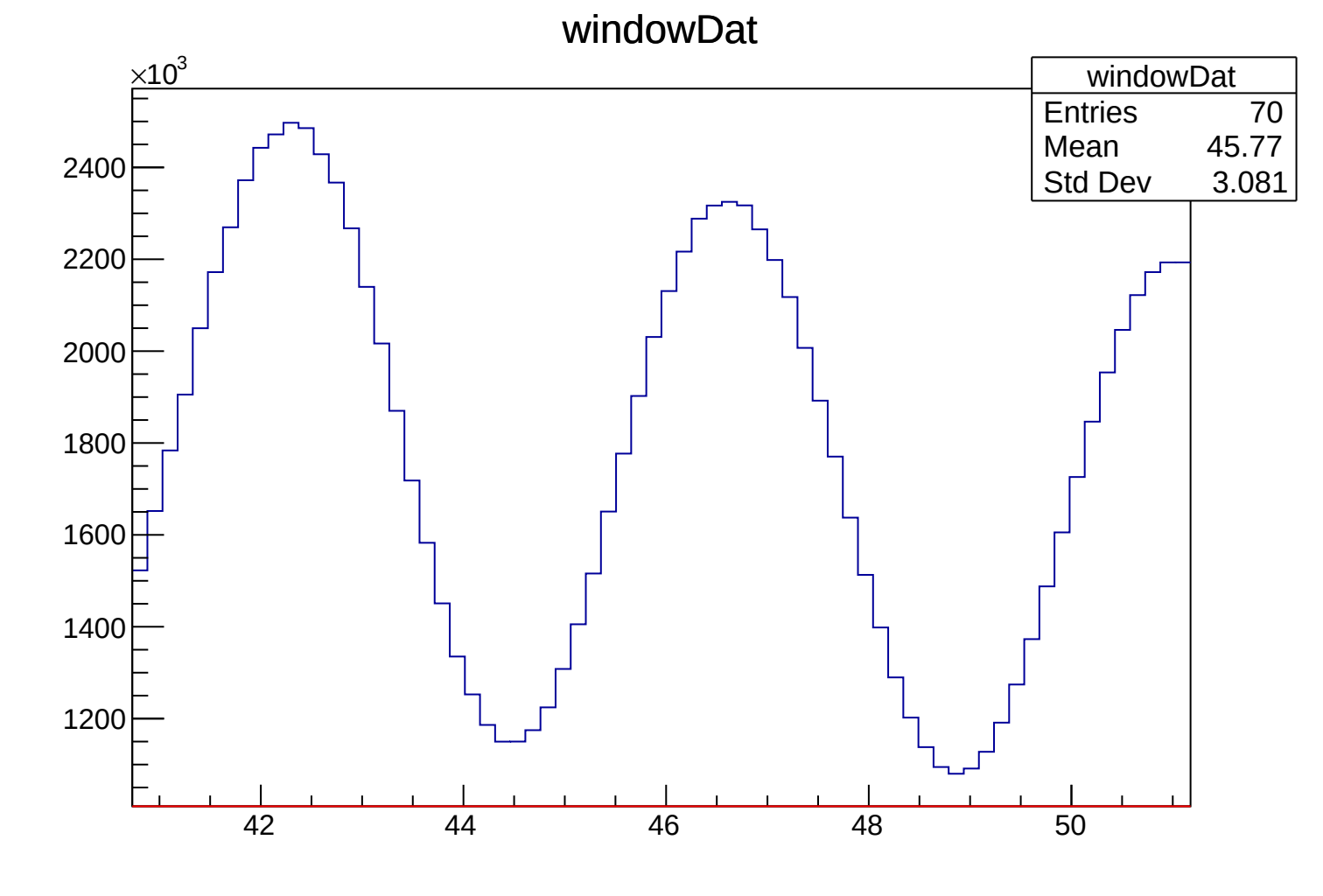
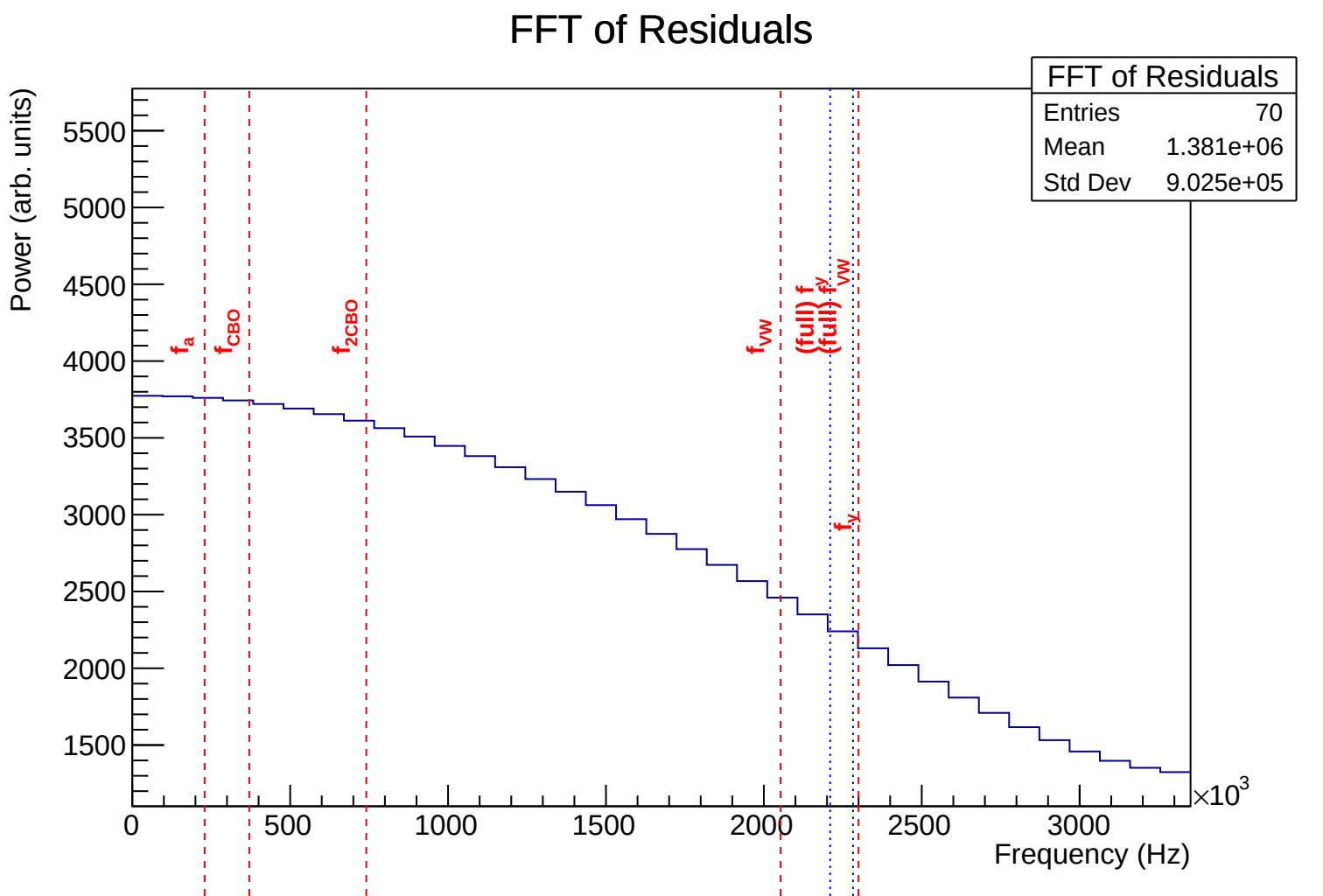
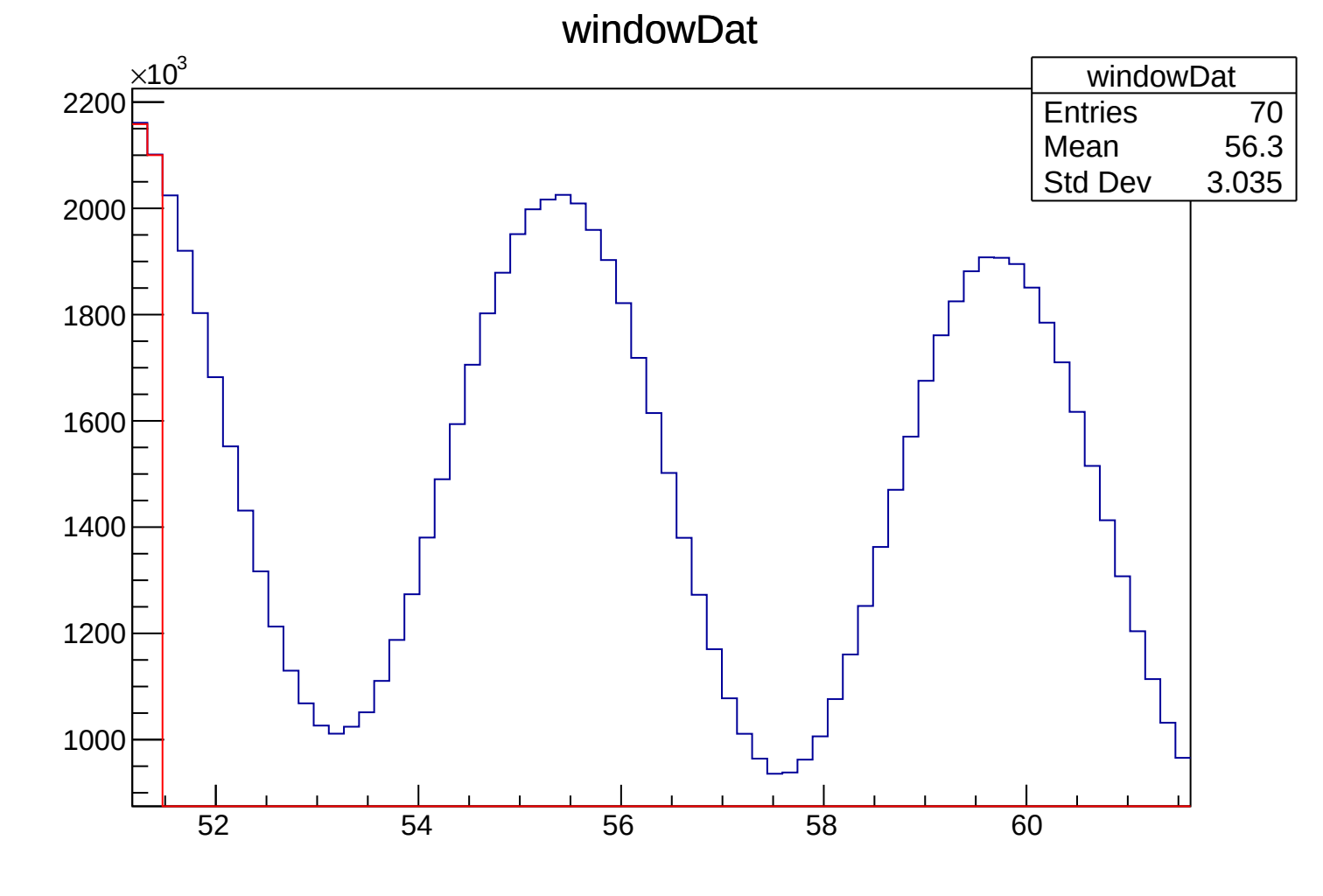

FFT of Residuals
FFT of Residuals
Entries 70
Mean 0
Std Dev 0
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

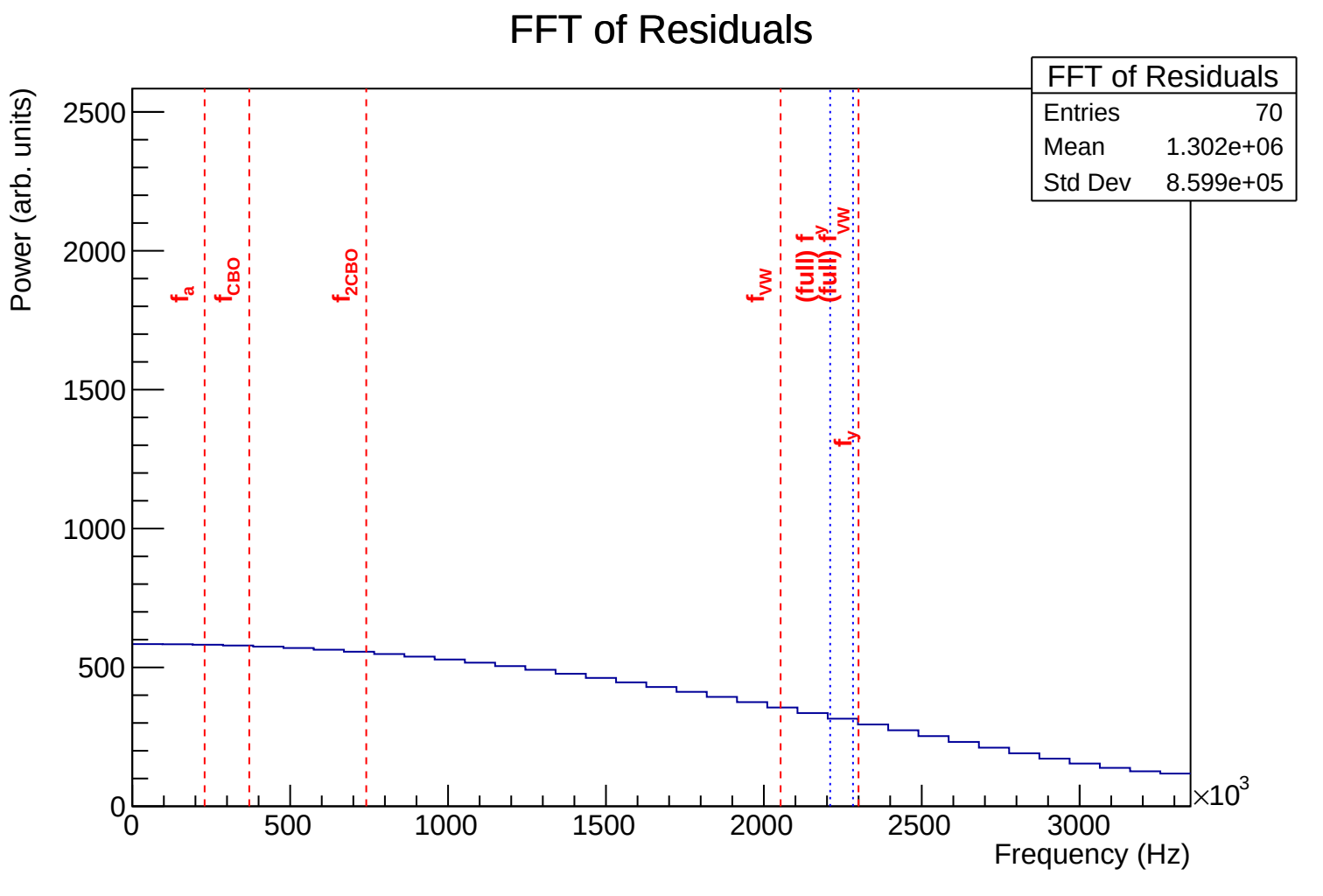

windowDat
×10^3
2800
2600
2400
2200
2000
1800
1600
1400
1200
32
34
36
38
40
windowDat
Entries 70
Mean 35.4
Std Dev 2.868

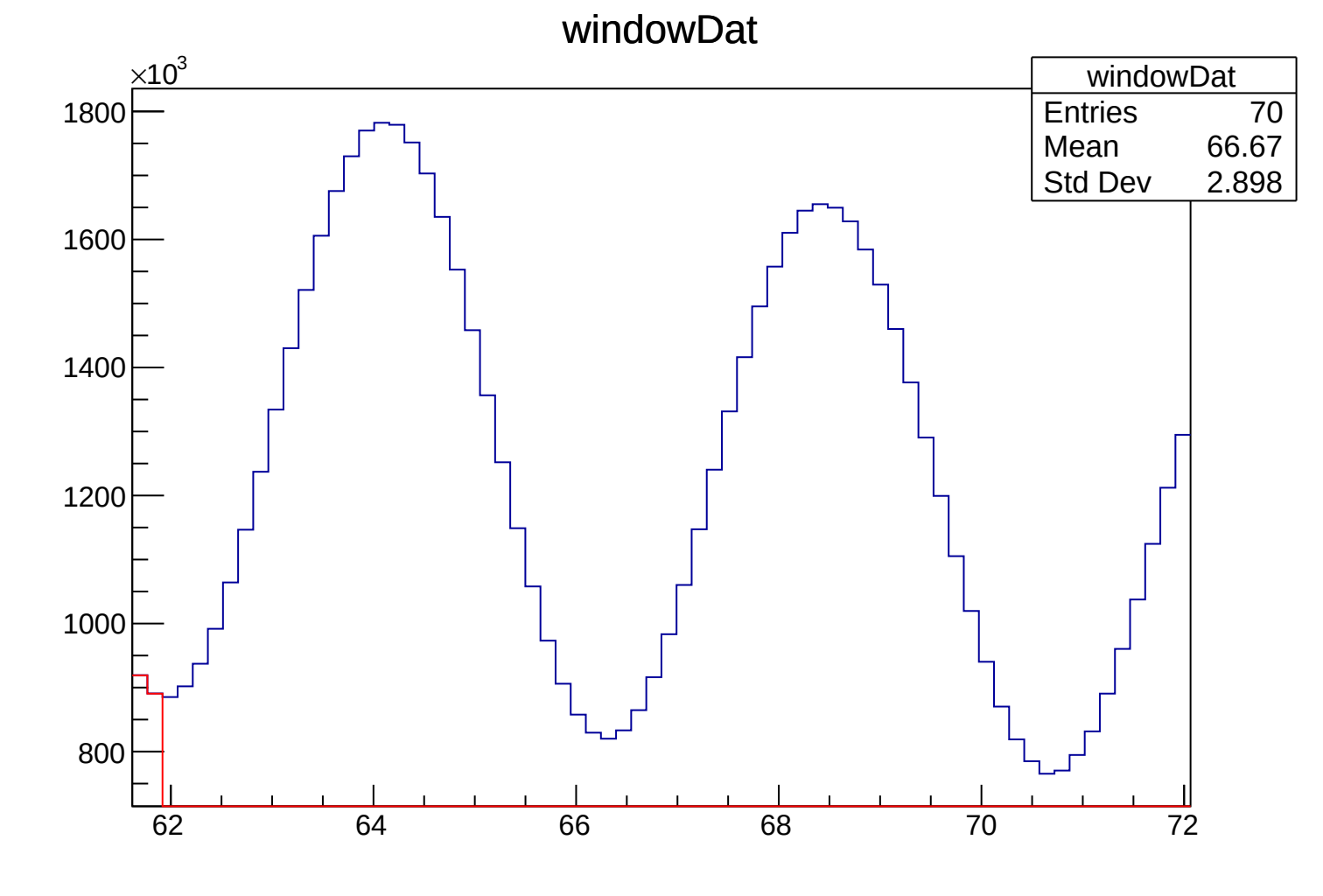

FFT of Residuals
FFT of Residuals
Entries 70
Mean 0
Std Dev 0
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

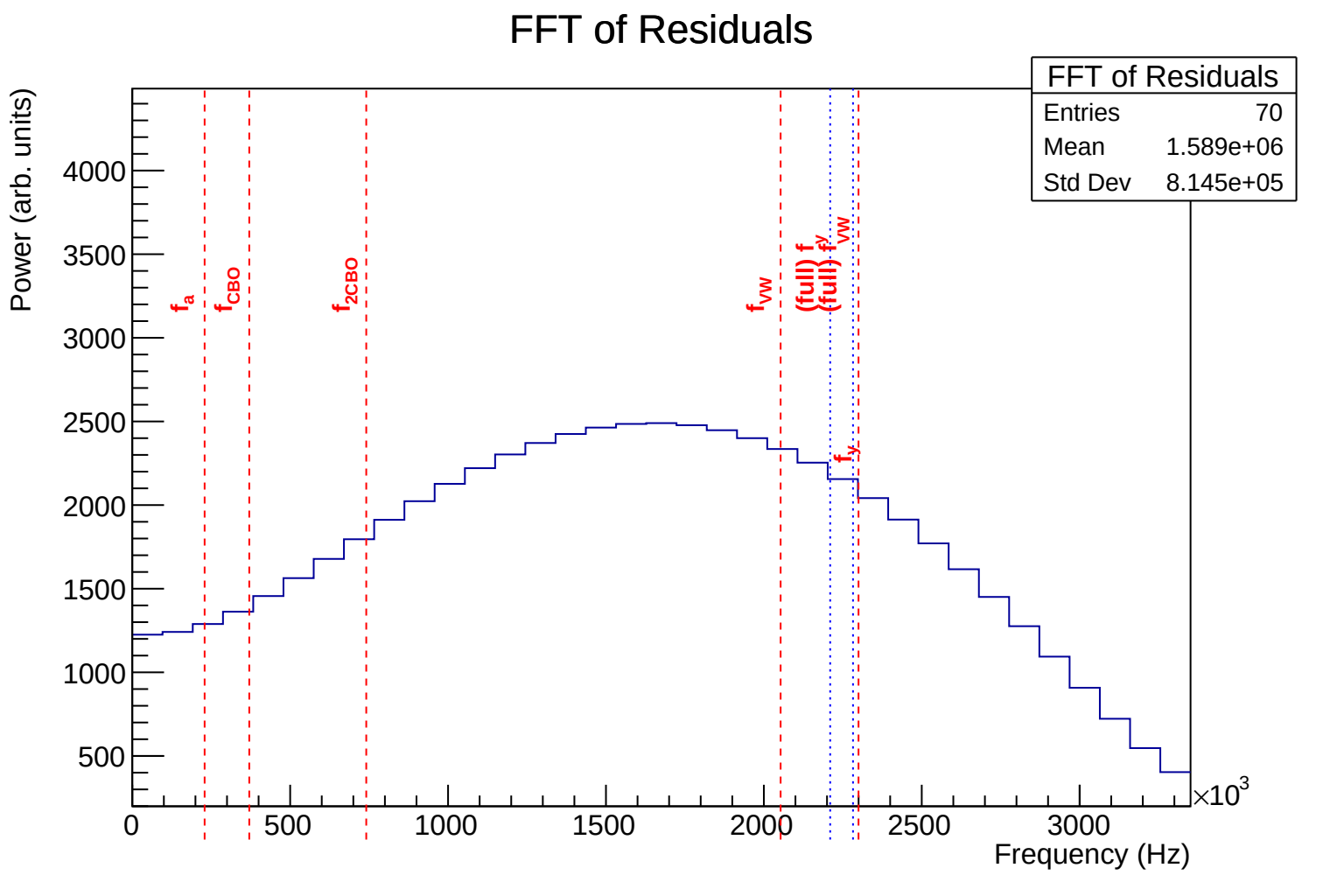

windowDat
×10^3
2400
2200
2000
1800
1600
1400
1200
42
44
46
48
50
windowDat
Entries 70
Mean 45.77
Std Dev 3.081

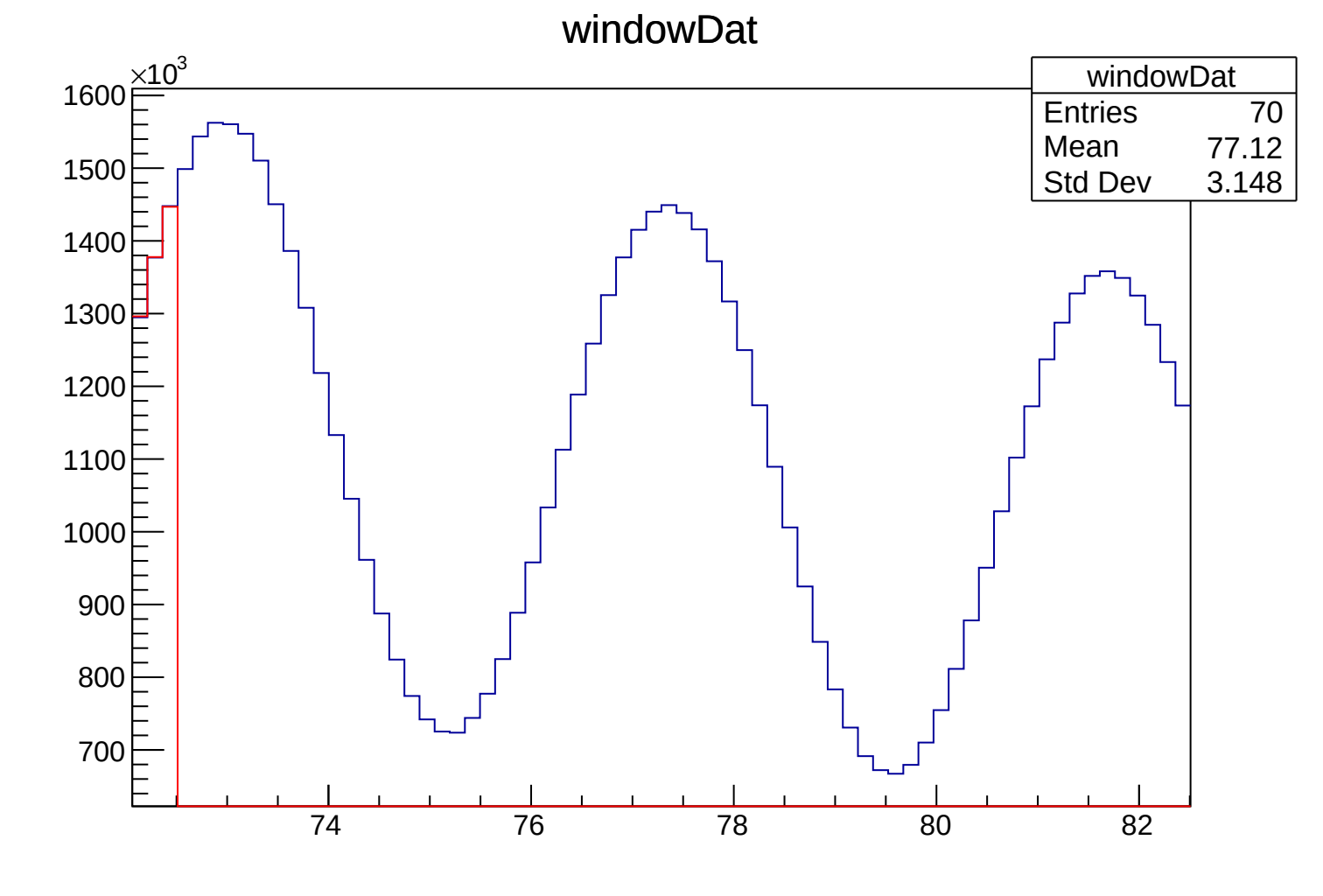

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.381e+06
Std Dev 9.025e+05
Power (arb. units)
5500
5000
4500
4000
3500
3000
2500
2000
1500
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$f_{(full)}$
$f_{y(full)}$
f_{VW}
f_y
0
500
1000
1500
2000
2500
3000
$\times 10^3$
Frequency (Hz)

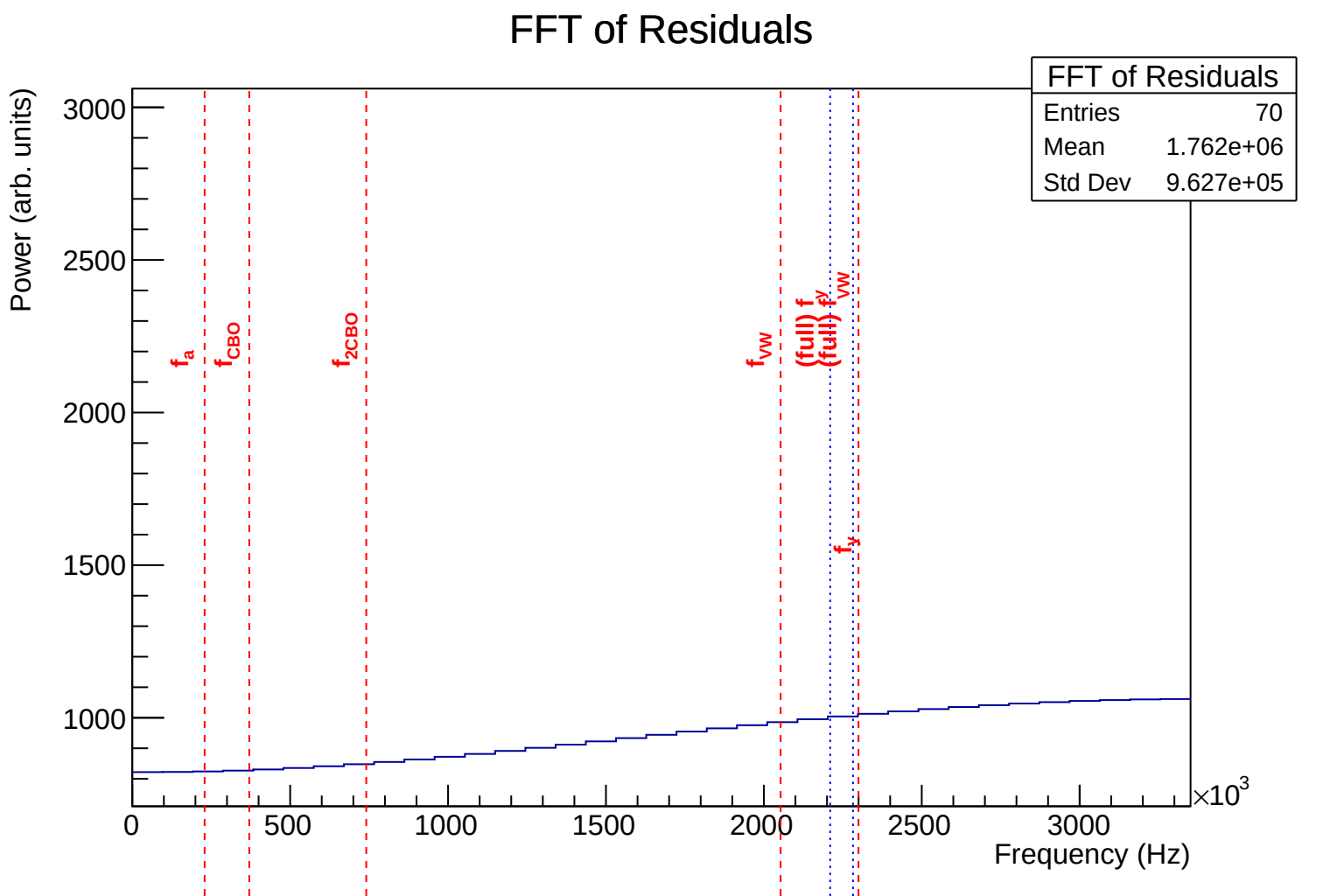

windowDat
×10^3
2200
2000
1800
1600
1400
1200
1000
52
54
56
58
60
windowDat
Entries 70
Mean 56.3
Std Dev 3.035

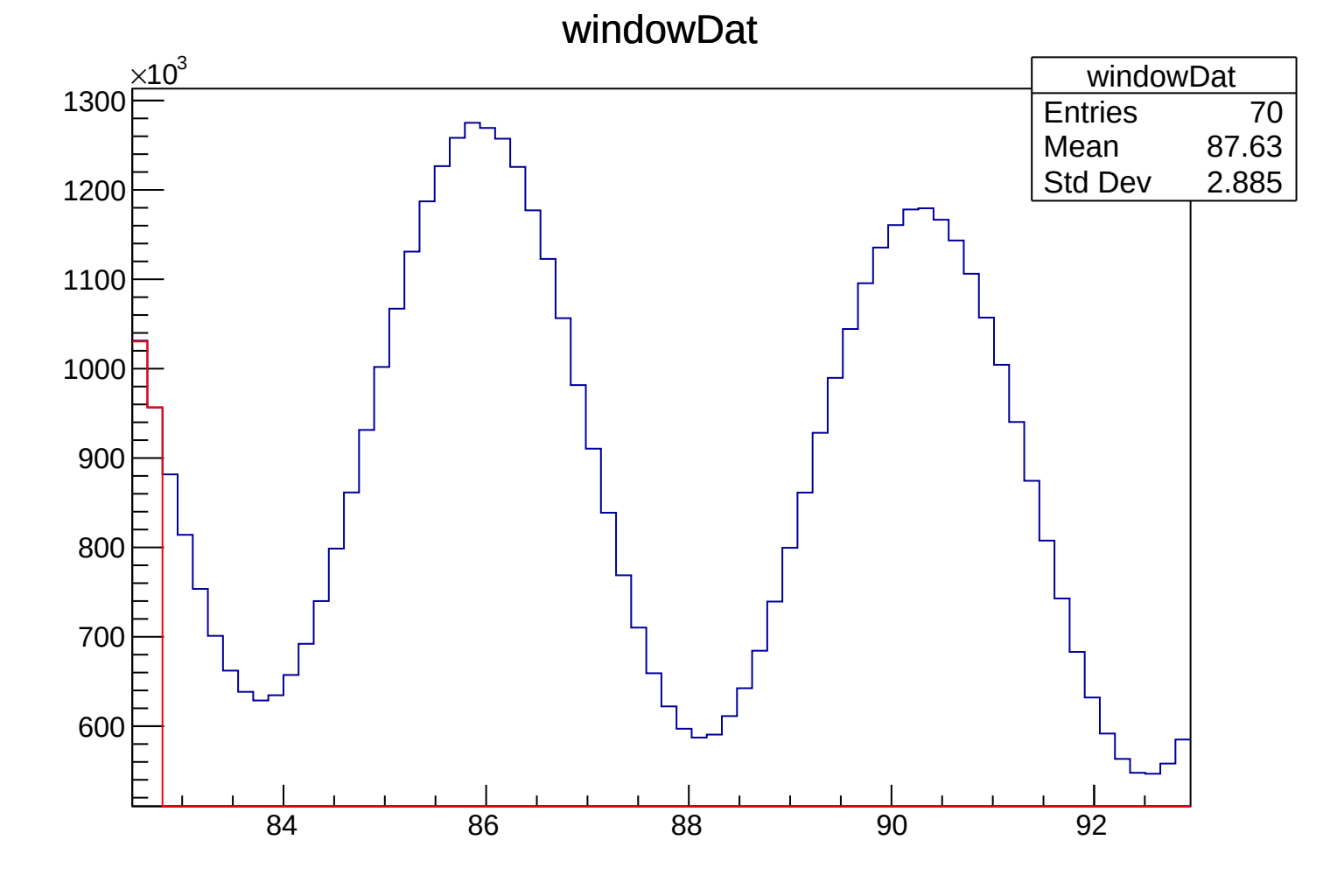

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.302e+06
Std Dev 8.599e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

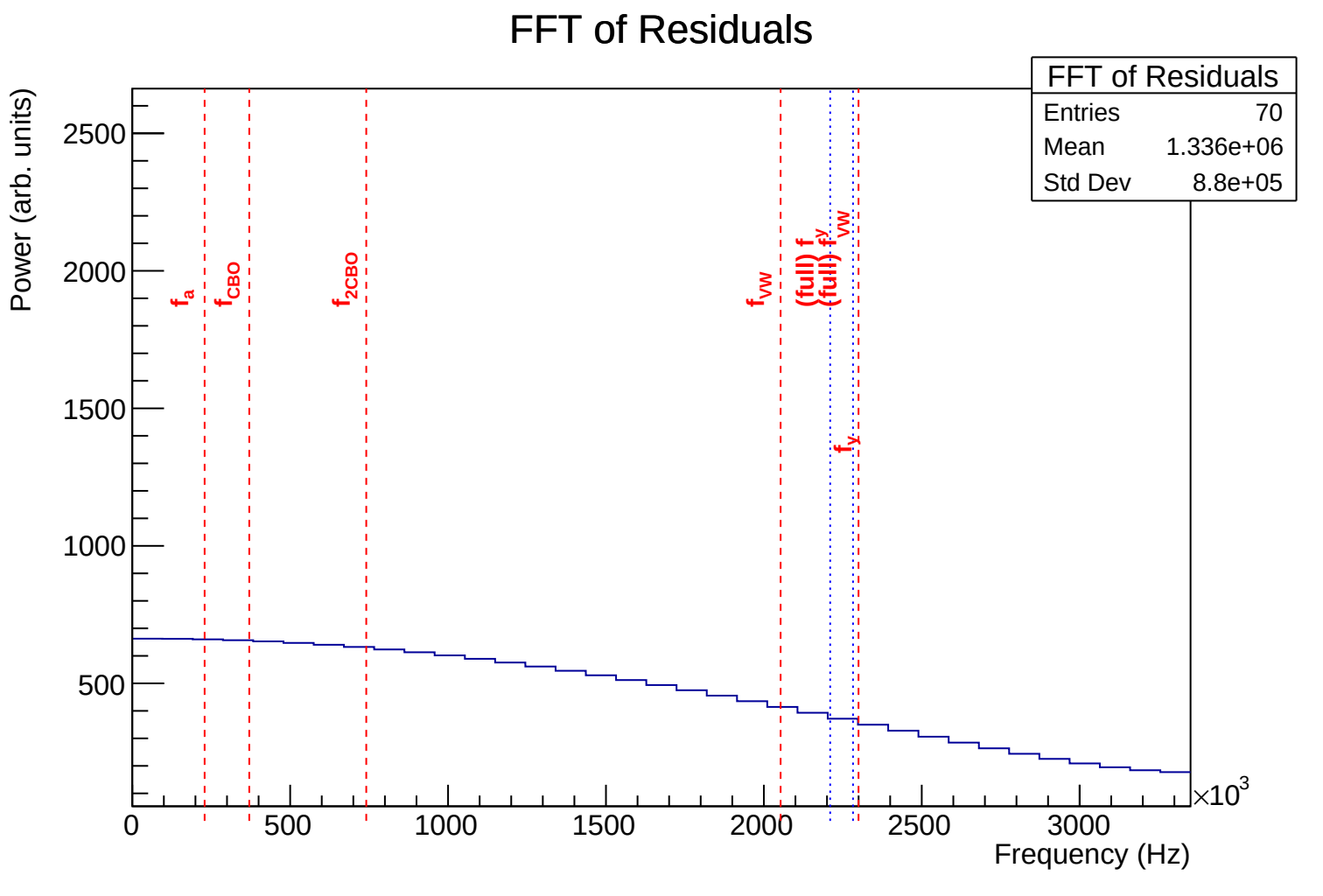

windowDat
×10^3
1800
1600
1400
1200
1000
800
62
64
66
68
70
72
windowDat
Entries 70
Mean 66.67
Std Dev 2.898

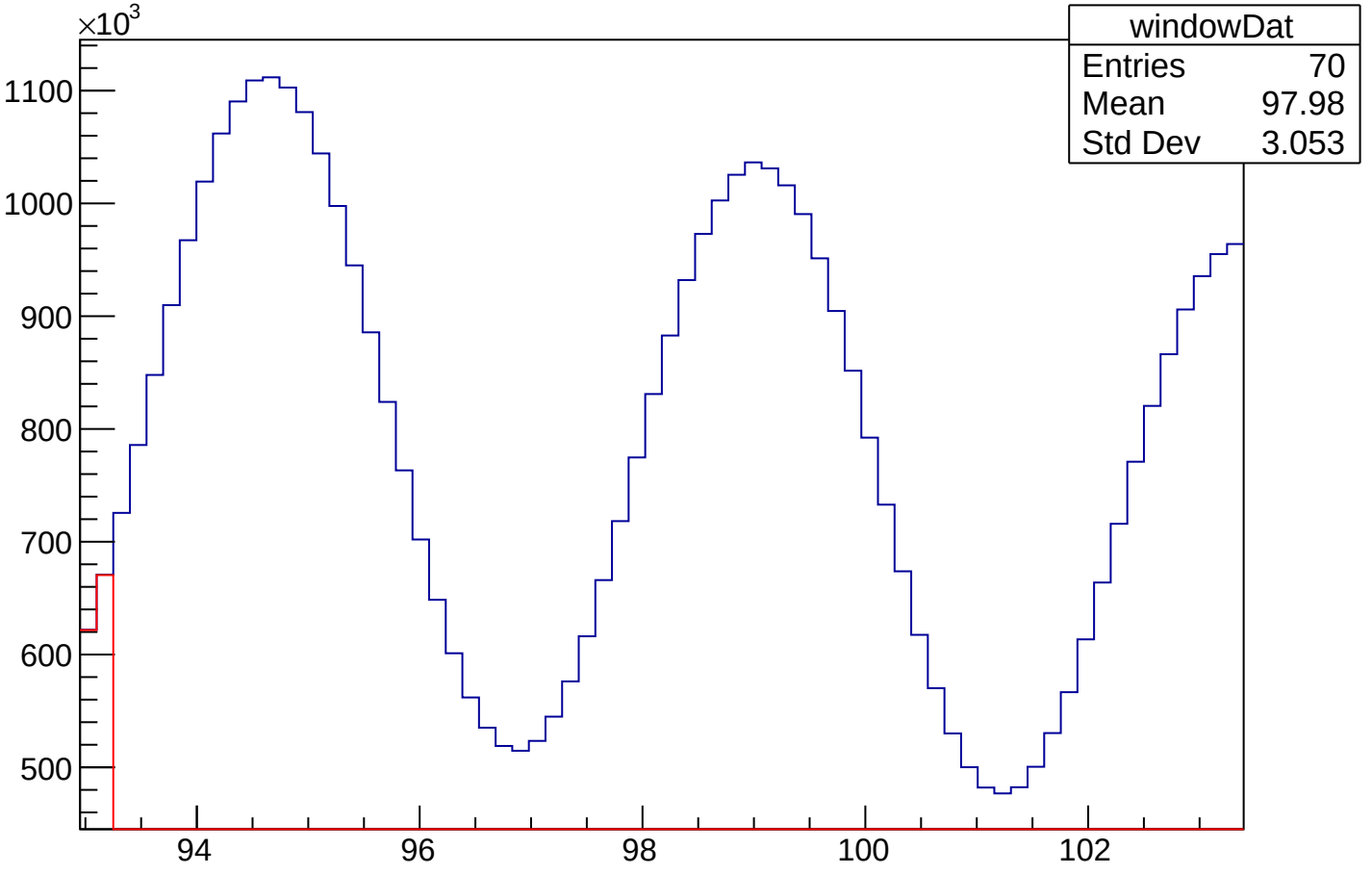

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.589e+06
Std Dev 8.145e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
500
1000
1500
2000
2500
3000
3500
4000

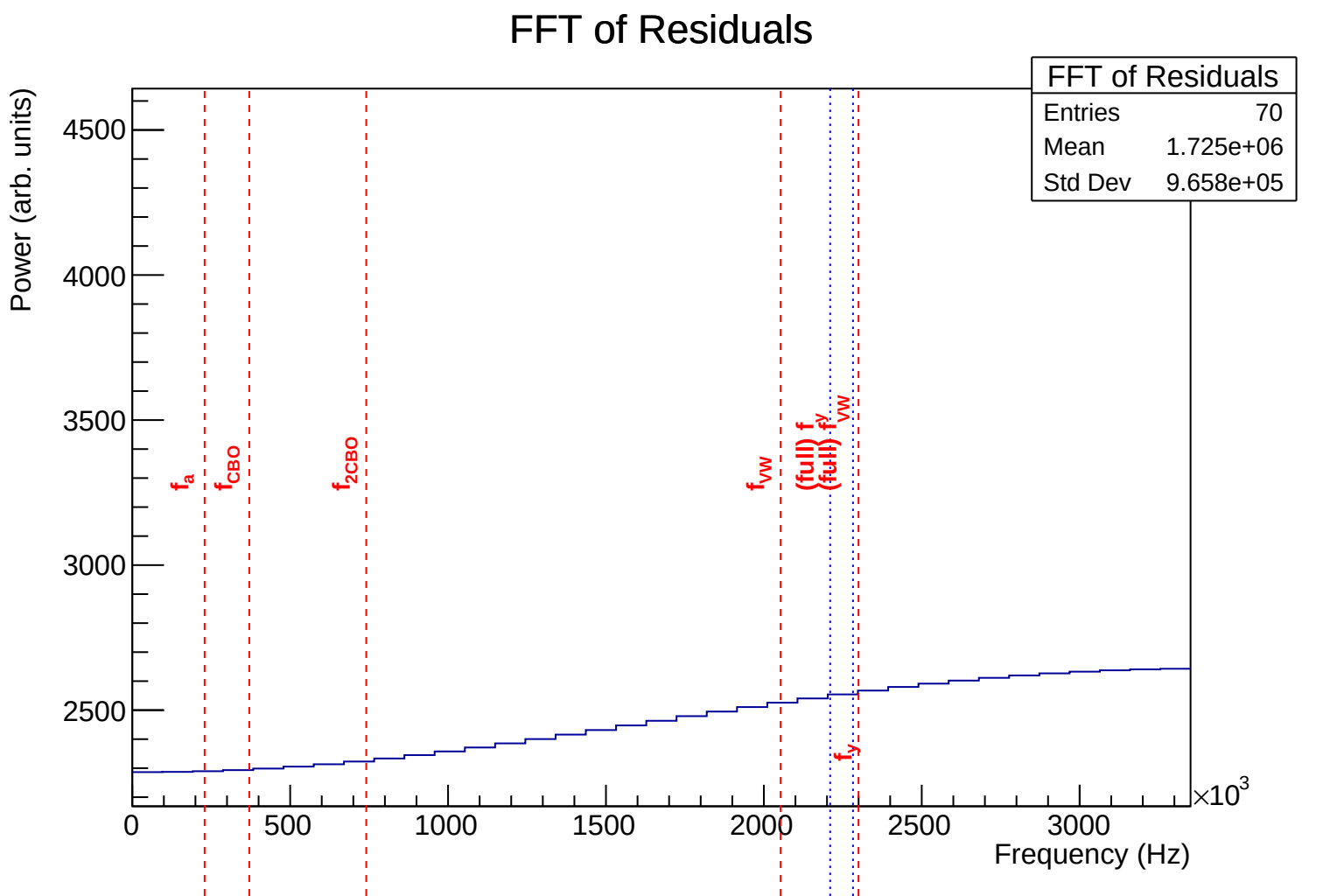

windowDat
windowDat
Entries 70
Mean 77.12
Std Dev 3.148
×10^3
1600
1500
1400
1300
1200
1100
1000
900
800
700
74
76
78
80
82

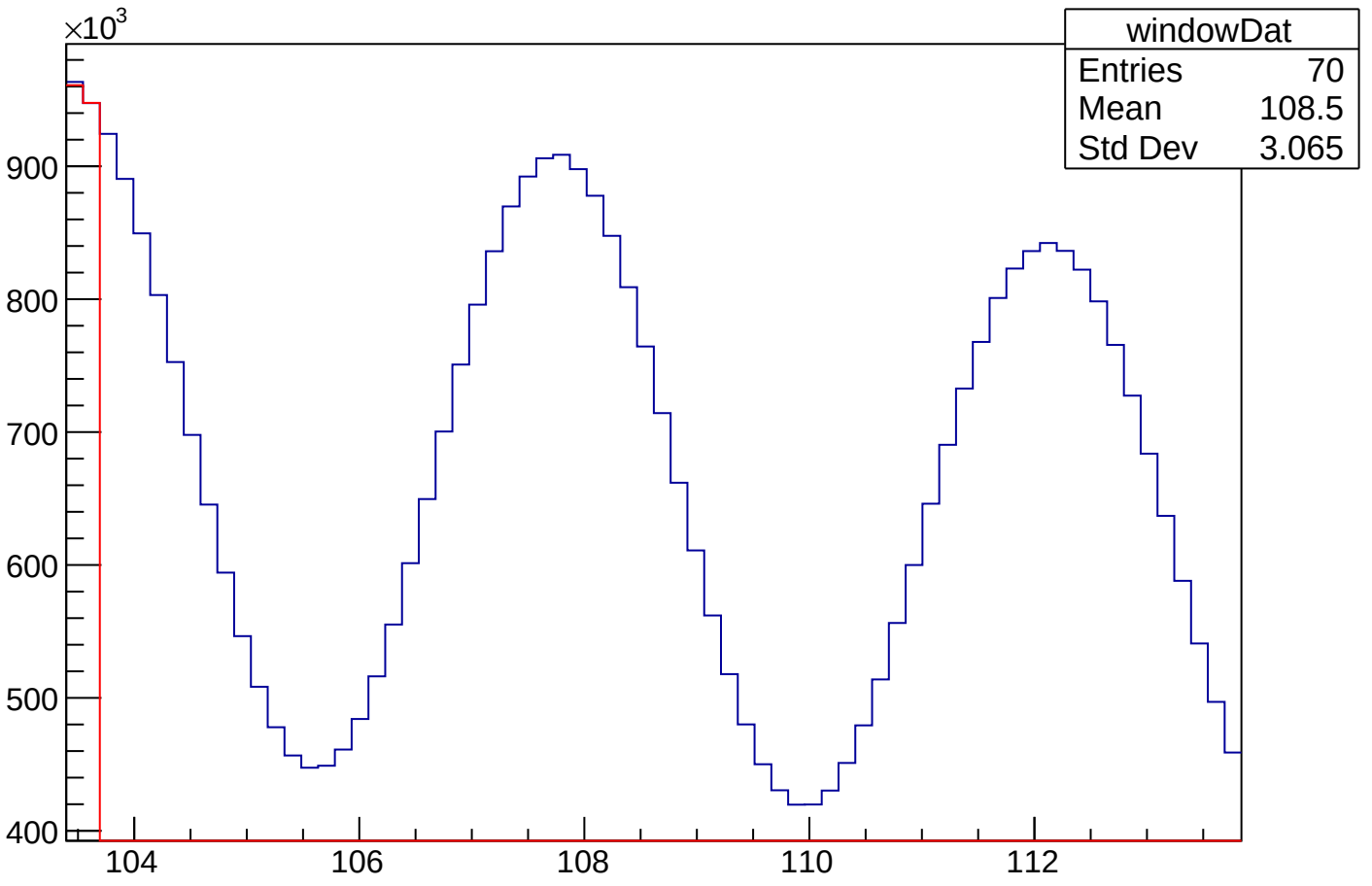

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.762e+06
Std Dev 9.627e+05
Power (arb. units)
3000
2500
2000
1500
1000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f_y
⟨full⟩ f_VW
f_y

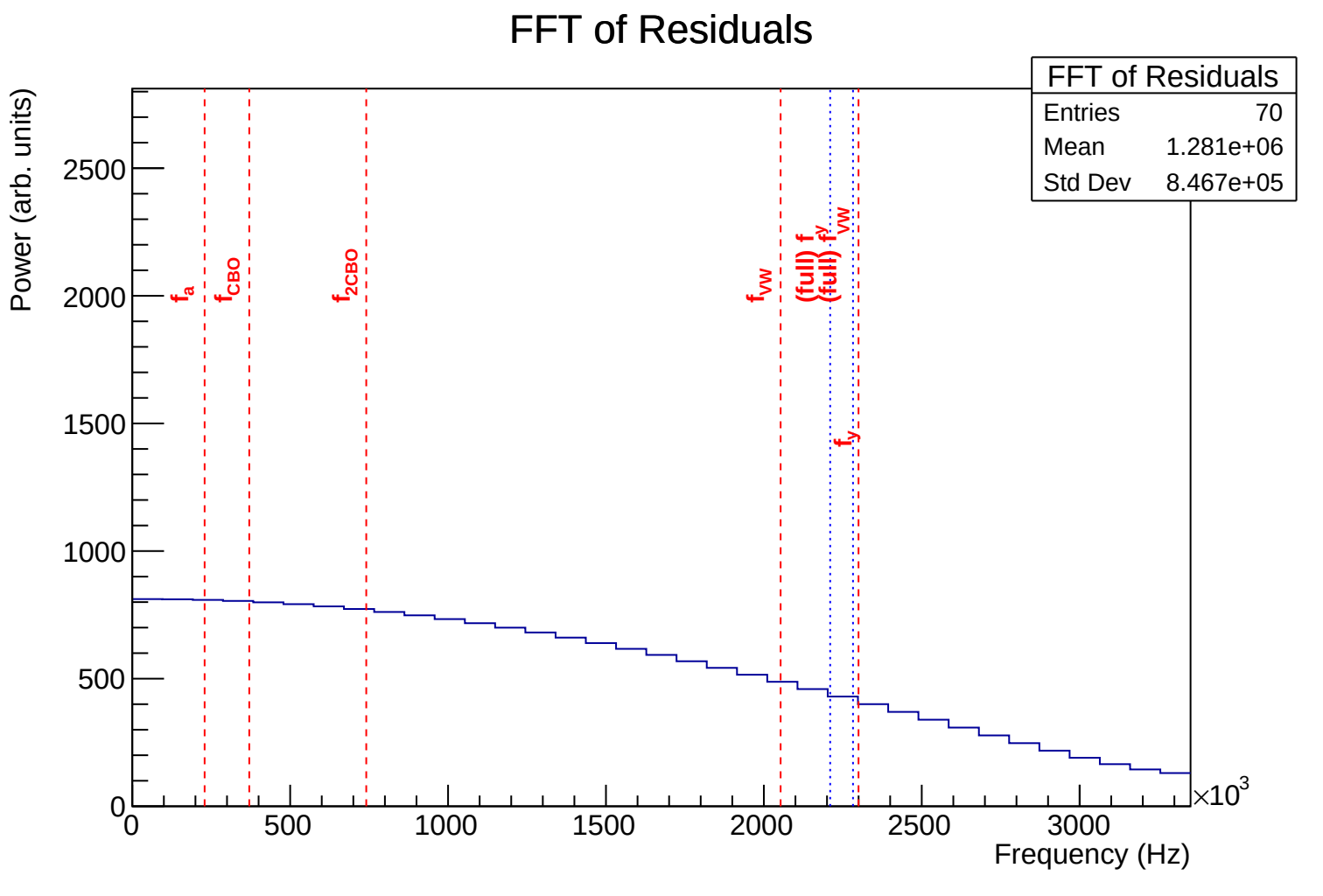

windowDat
×10^3
1300
1200
1100
1000
900
800
700
600
84
86
88
90
92
windowDat
Entries 70
Mean 87.63
Std Dev 2.885

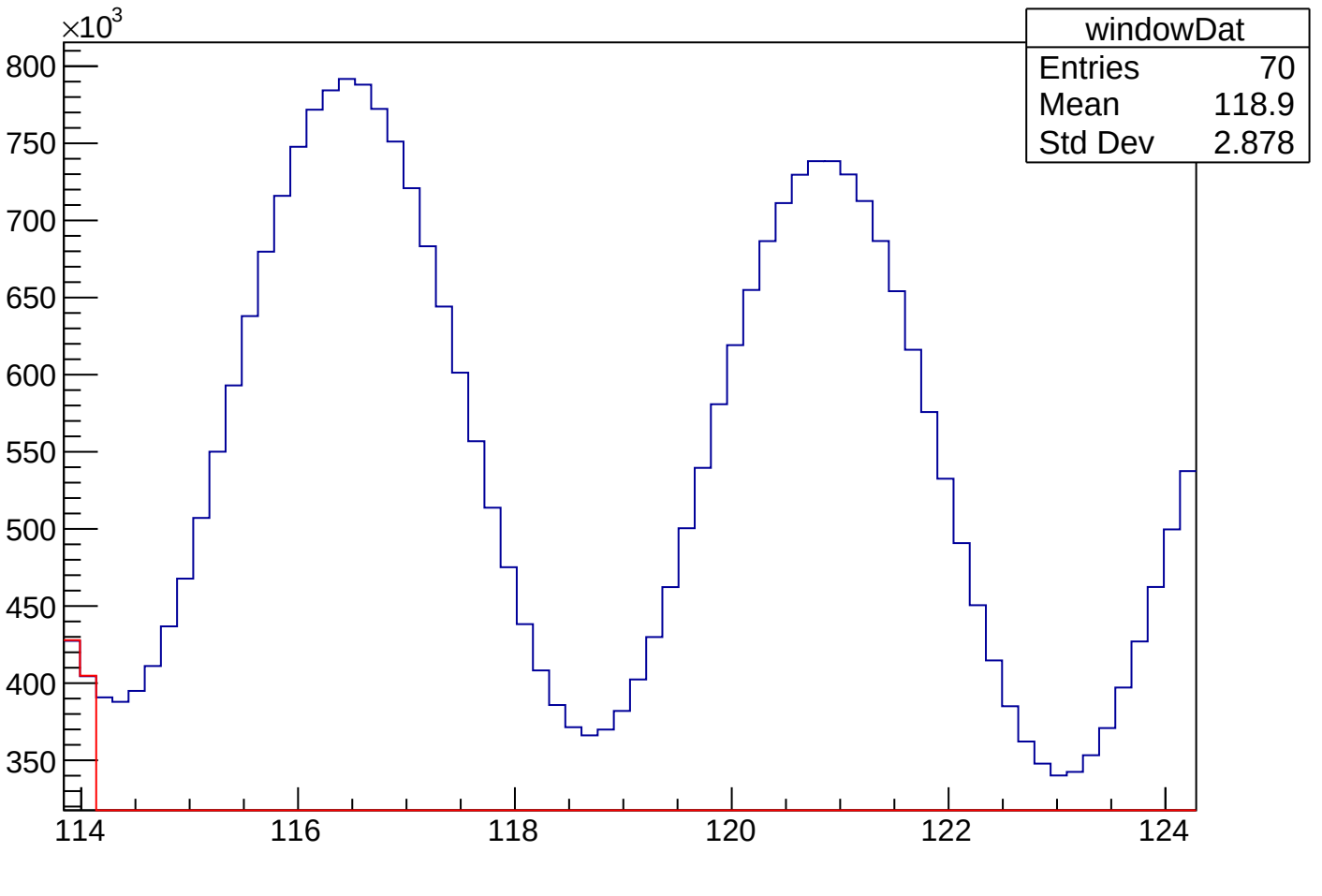

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.336e+06
Std Dev 8.8e+05
Power (arb. units)
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f_y
⟨full⟩ f_VW
f_y

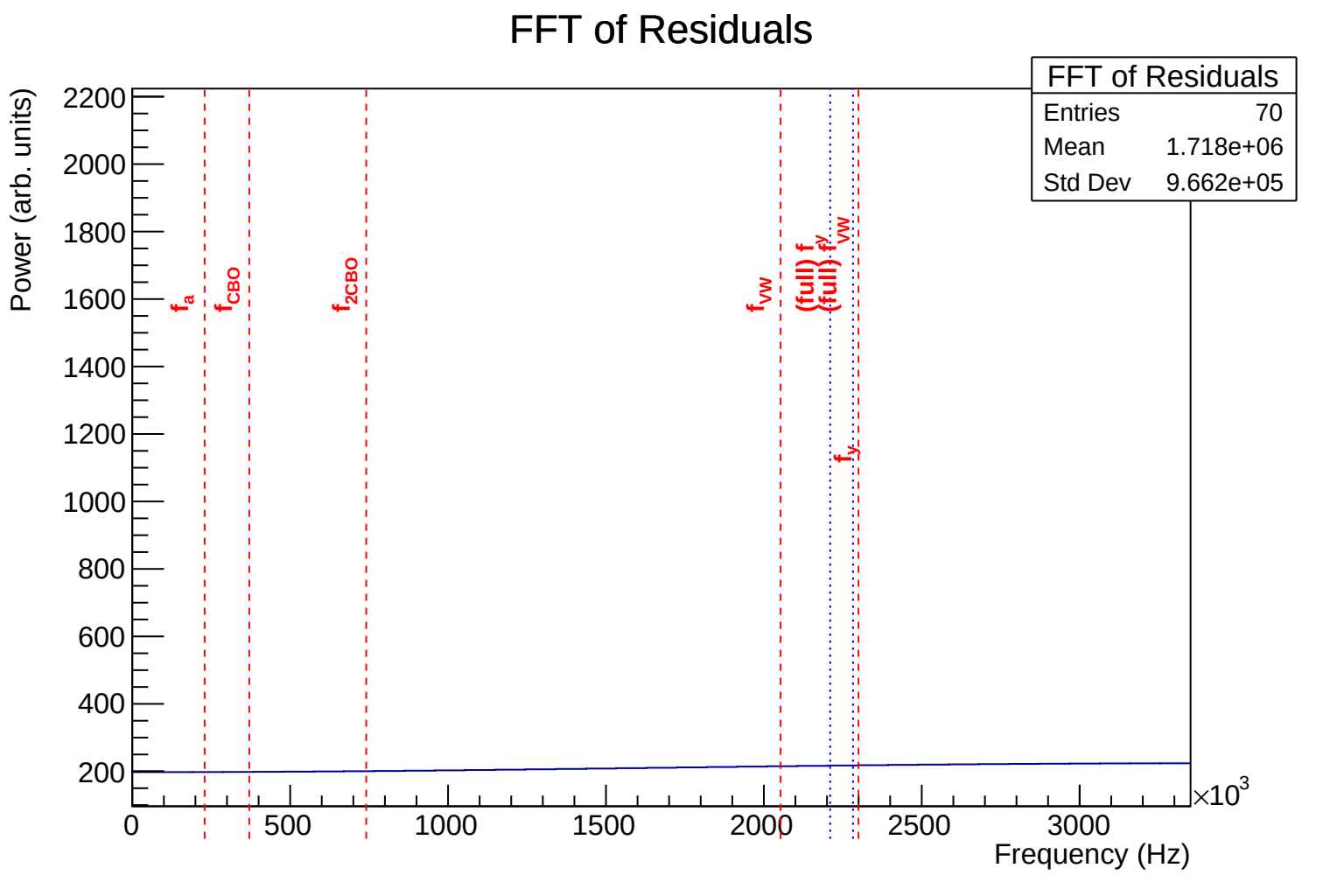

windowDat
×10^3
1100
1000
900
800
700
600
500
94
96
98
100
102
windowDat
Entries 70
Mean 97.98
Std Dev 3.053

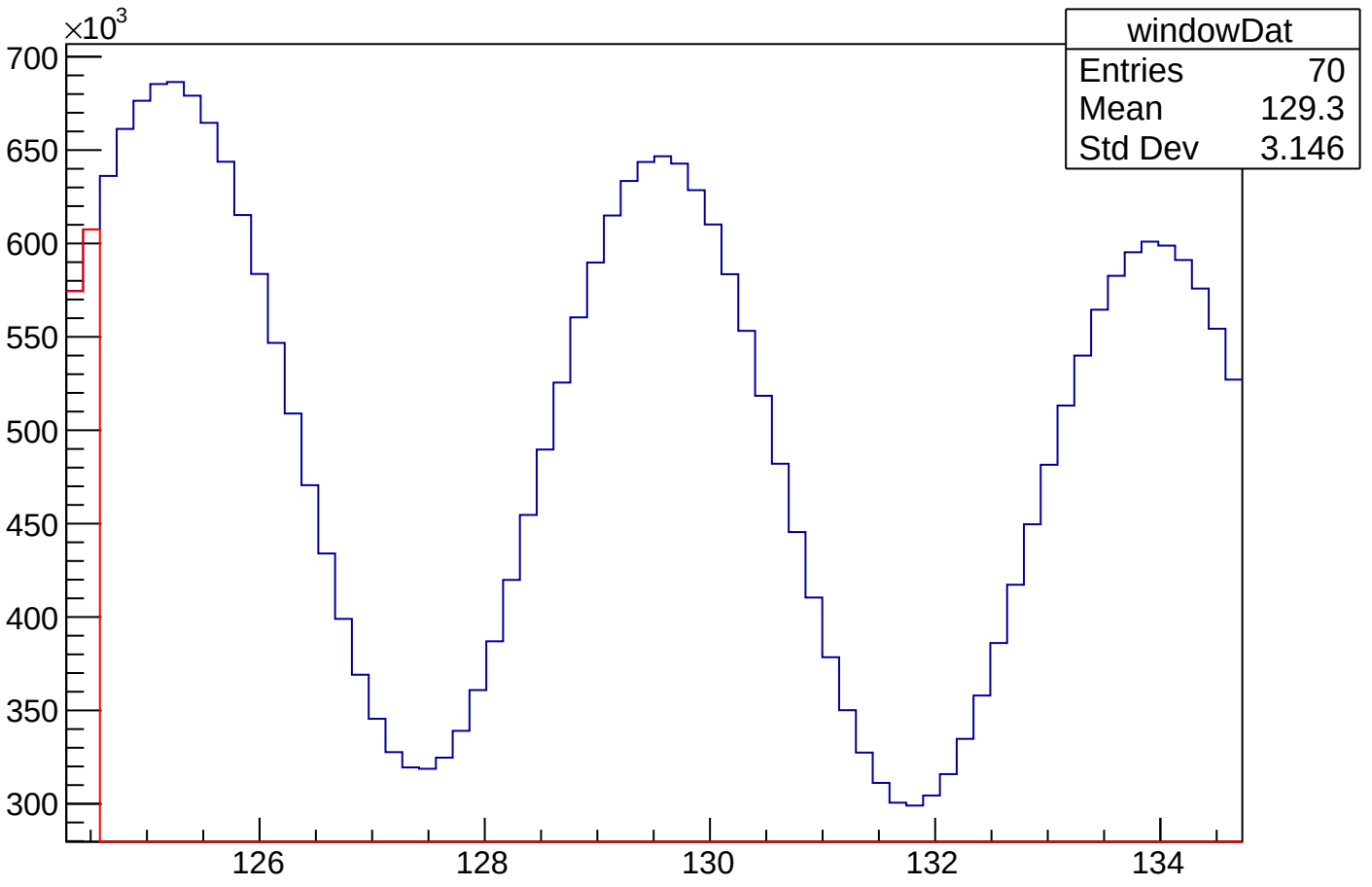

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.725e+06
Std Dev 9.658e+05
Power (arb. units)
4500
4000
3500
3000
2500
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$f_{(full)}$
$f_{(full)}$
f_{VW}
f_y
0
500
1000
1500
2000
2500
3000
$\times 10^3$
Frequency (Hz)

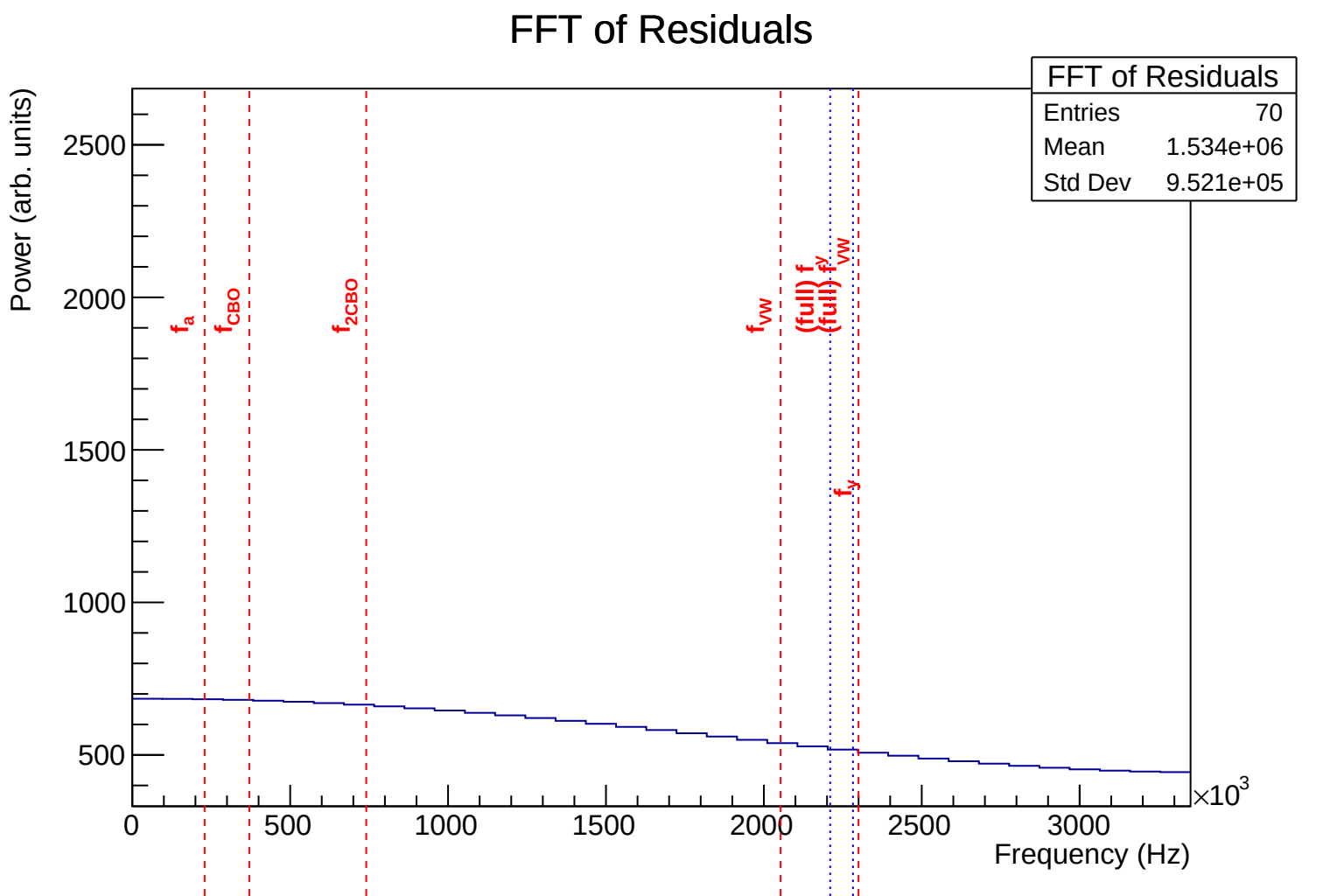

windowDat
×10^3
windowDat
Entries 70
Mean 108.5
Std Dev 3.065
900
800
700
600
500
400
104
106
108
110
112

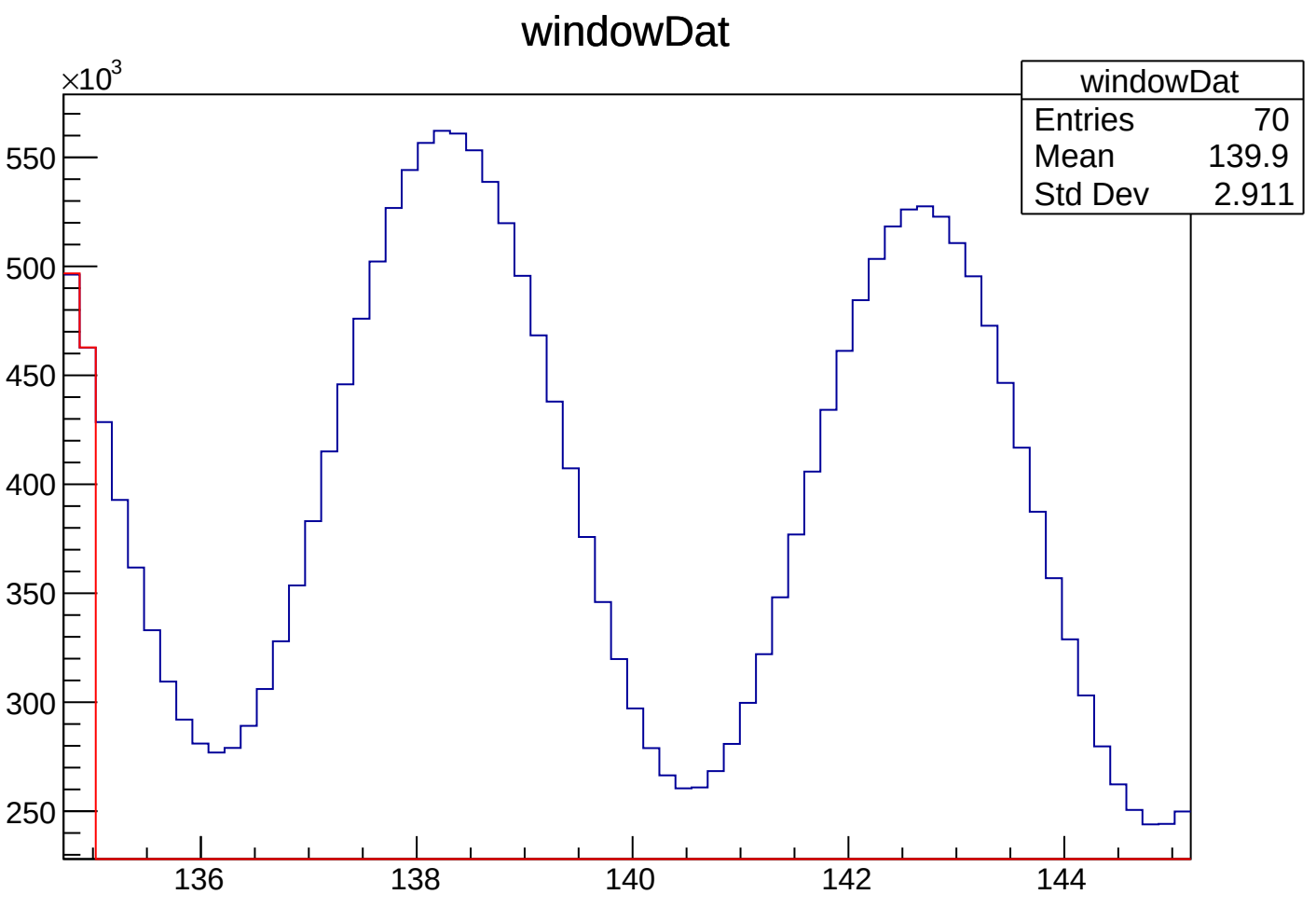

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.281e+06
Std Dev 8.467e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

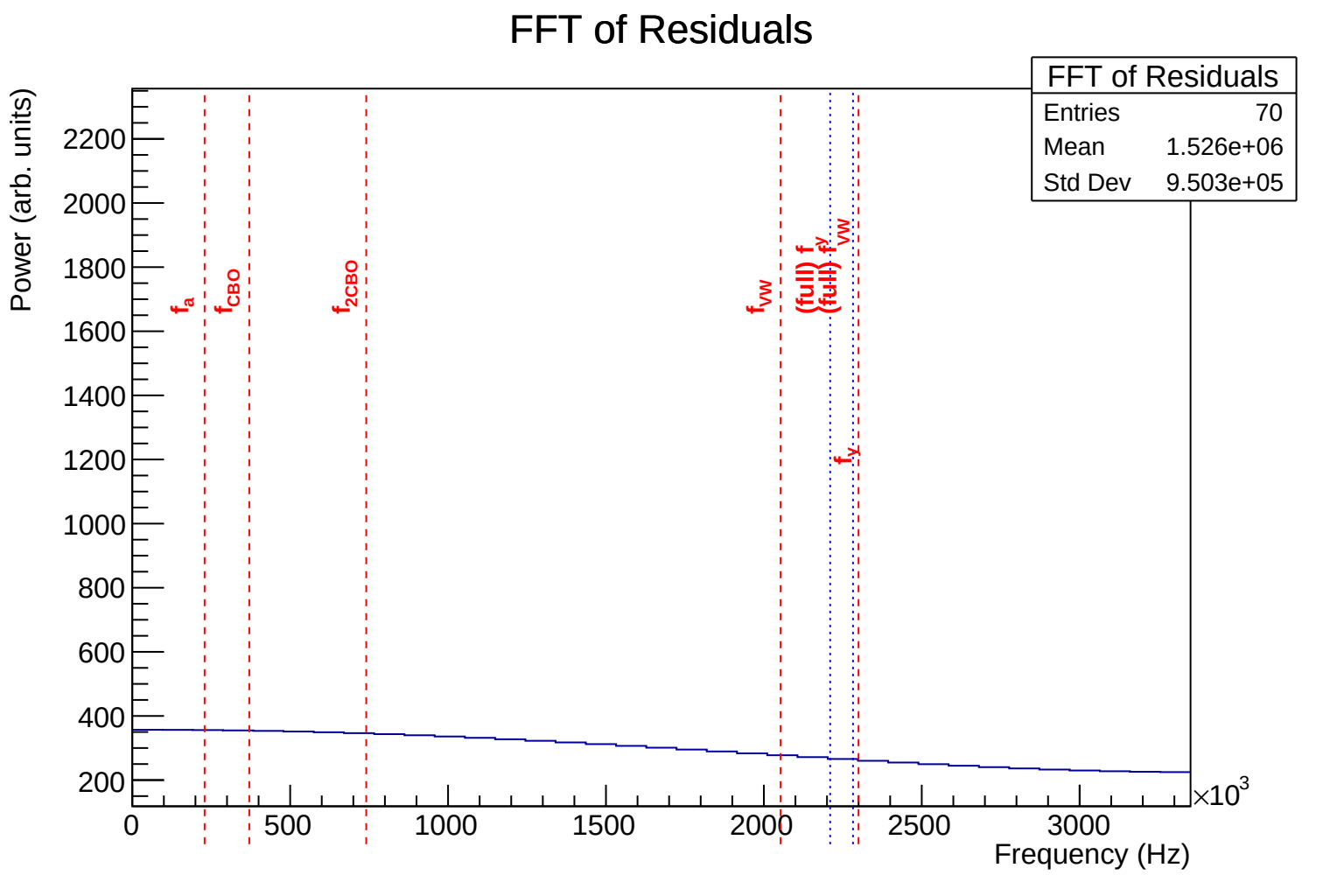

windowDat
×10^3
800
750
700
650
600
550
500
450
400
350
114
116
118
120
122
124
windowDat
Entries 70
Mean 118.9
Std Dev 2.878

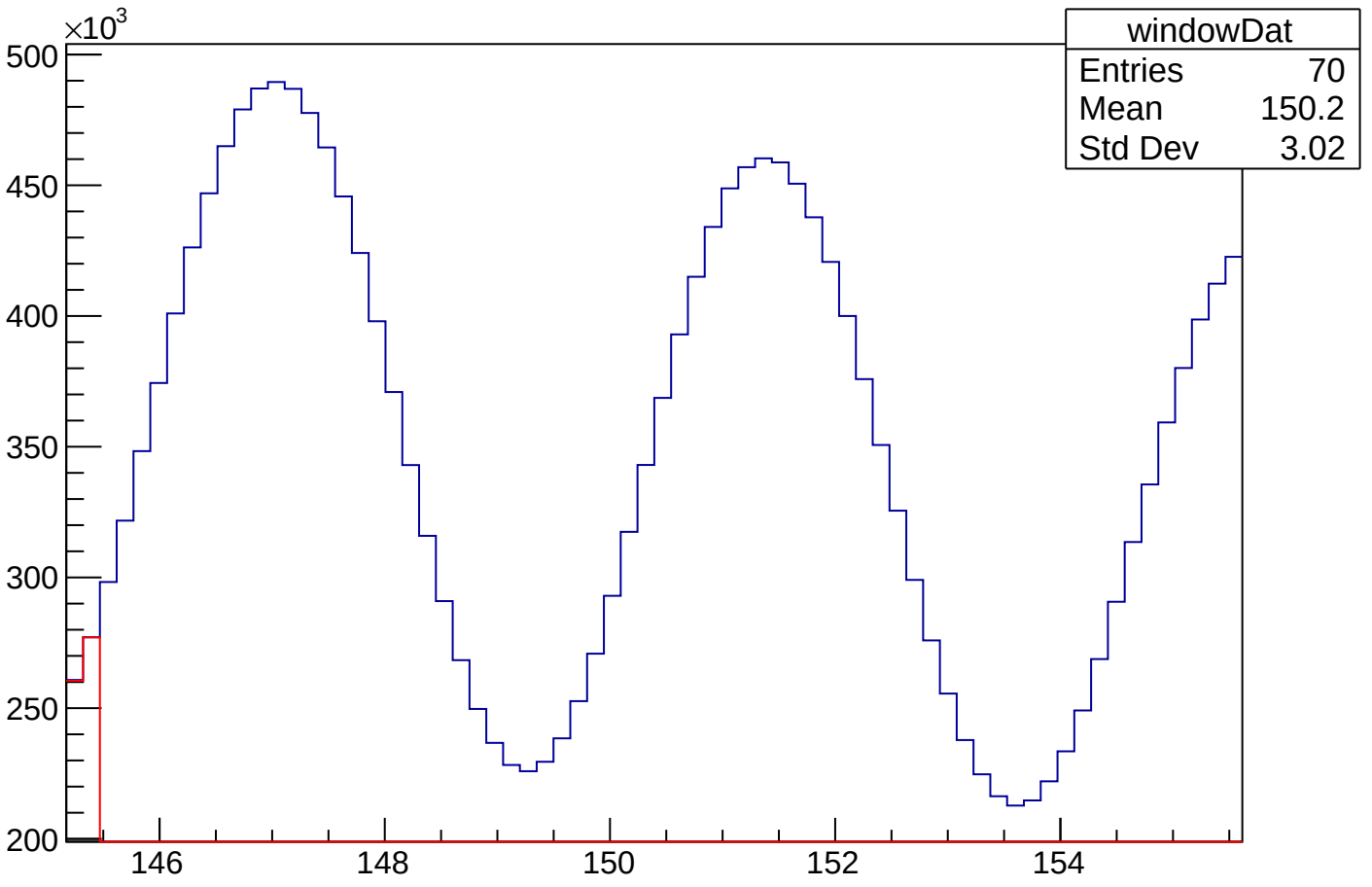

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.718e+06
Std Dev 9.662e+05
Power (arb. units)
Frequency (Hz)
$\times 10^3$
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$f_{(full)}$
$f_{y(full)}$
f_{VW}
f_y

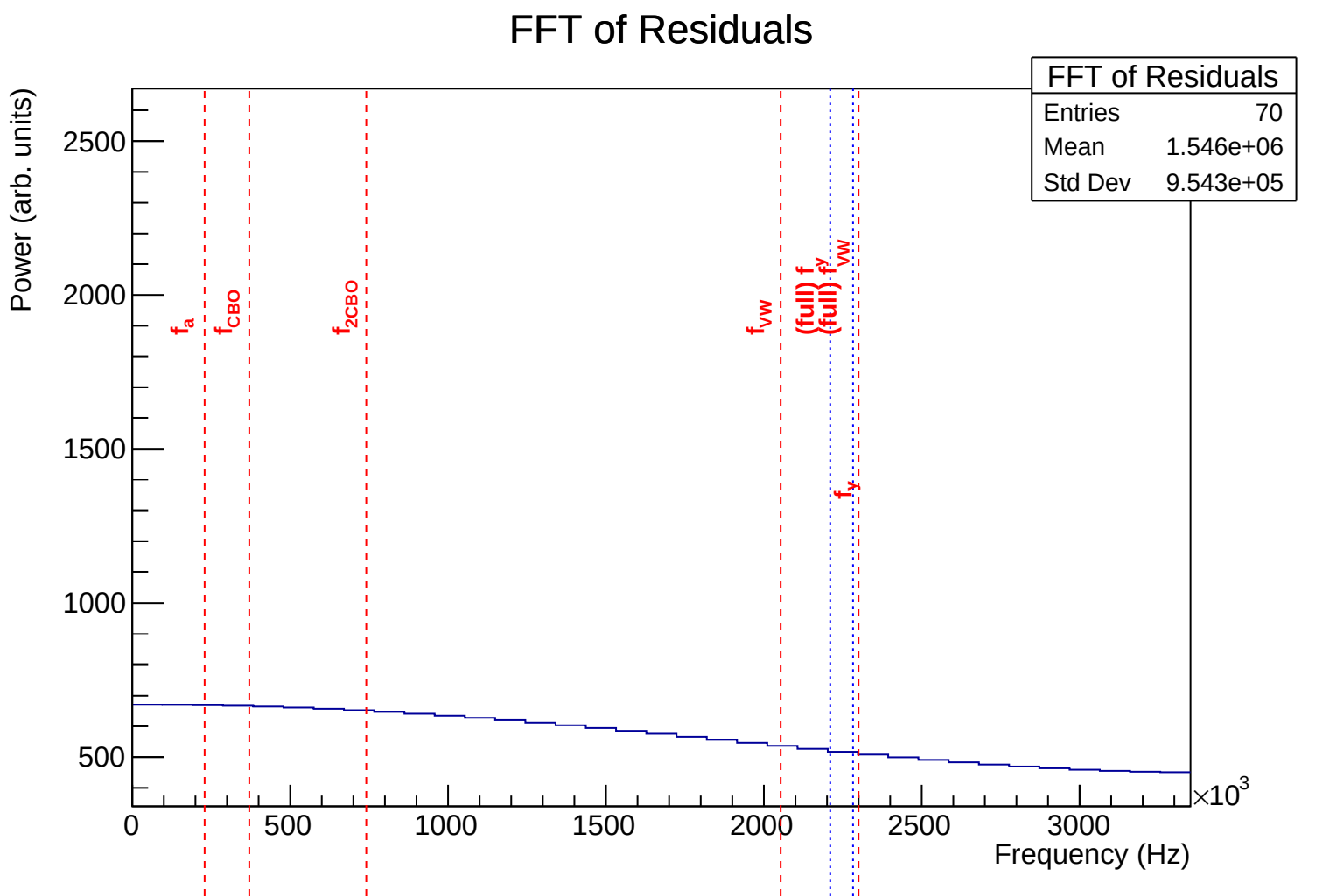

windowDat
×10^3
700
650
600
550
500
450
400
350
300
126
128
130
132
134
windowDat
Entries 70
Mean 129.3
Std Dev 3.146

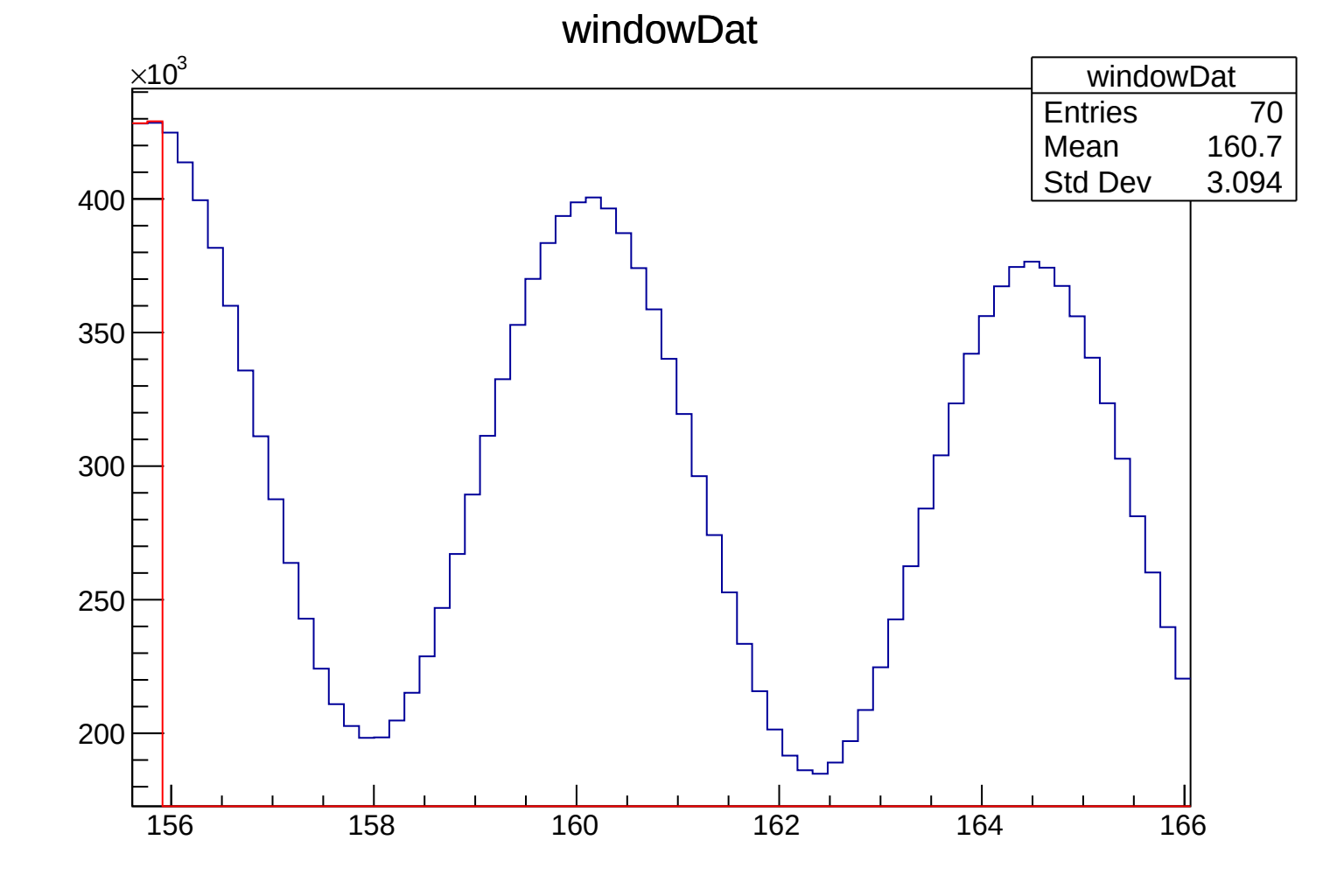

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.534e+06
Std Dev 9.521e+05
Power (arb. units)
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_VW
f_y

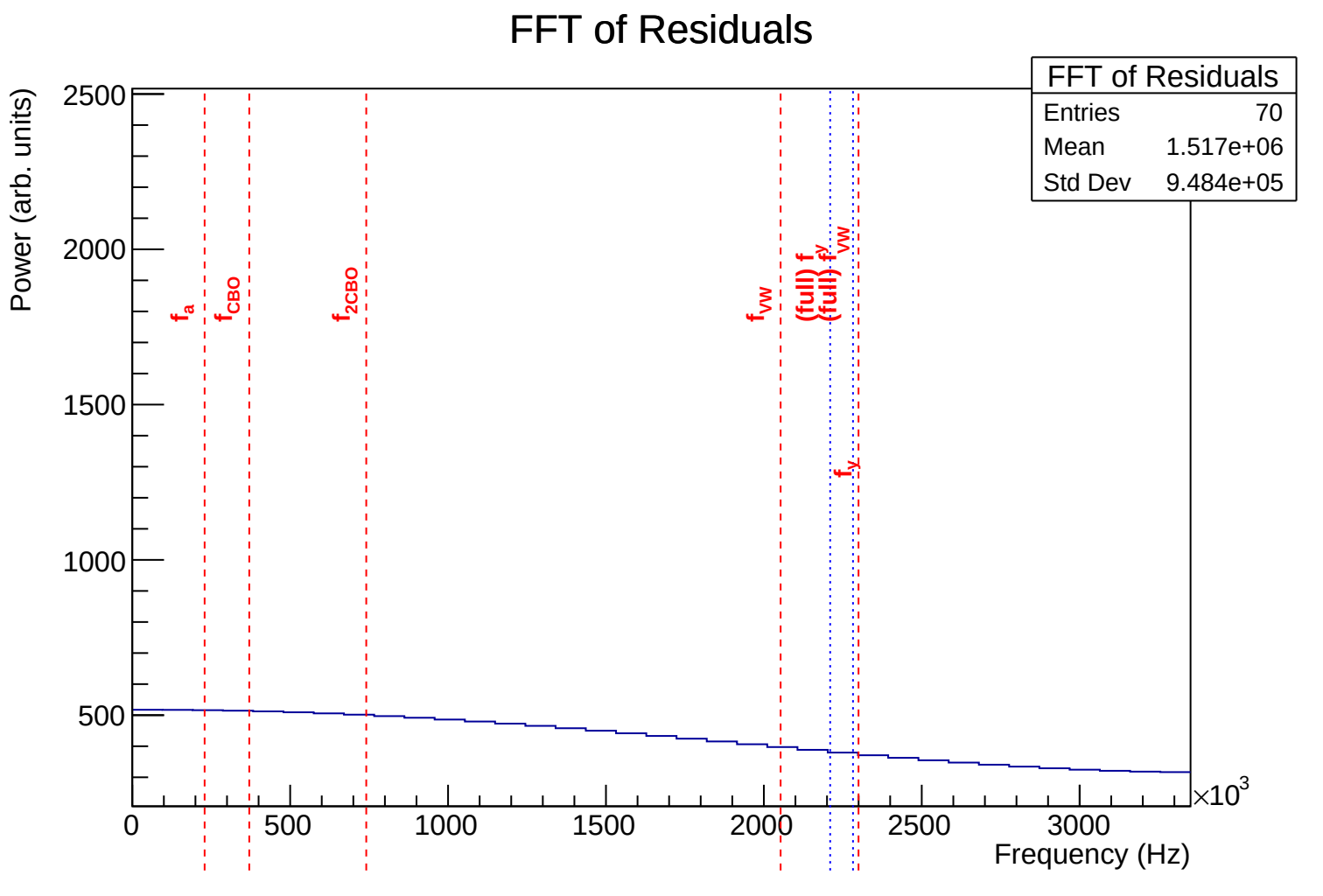

windowDat
×10^3
550
500
450
400
350
300
250
136
138
140
142
144
windowDat
Entries 70
Mean 139.9
Std Dev 2.911

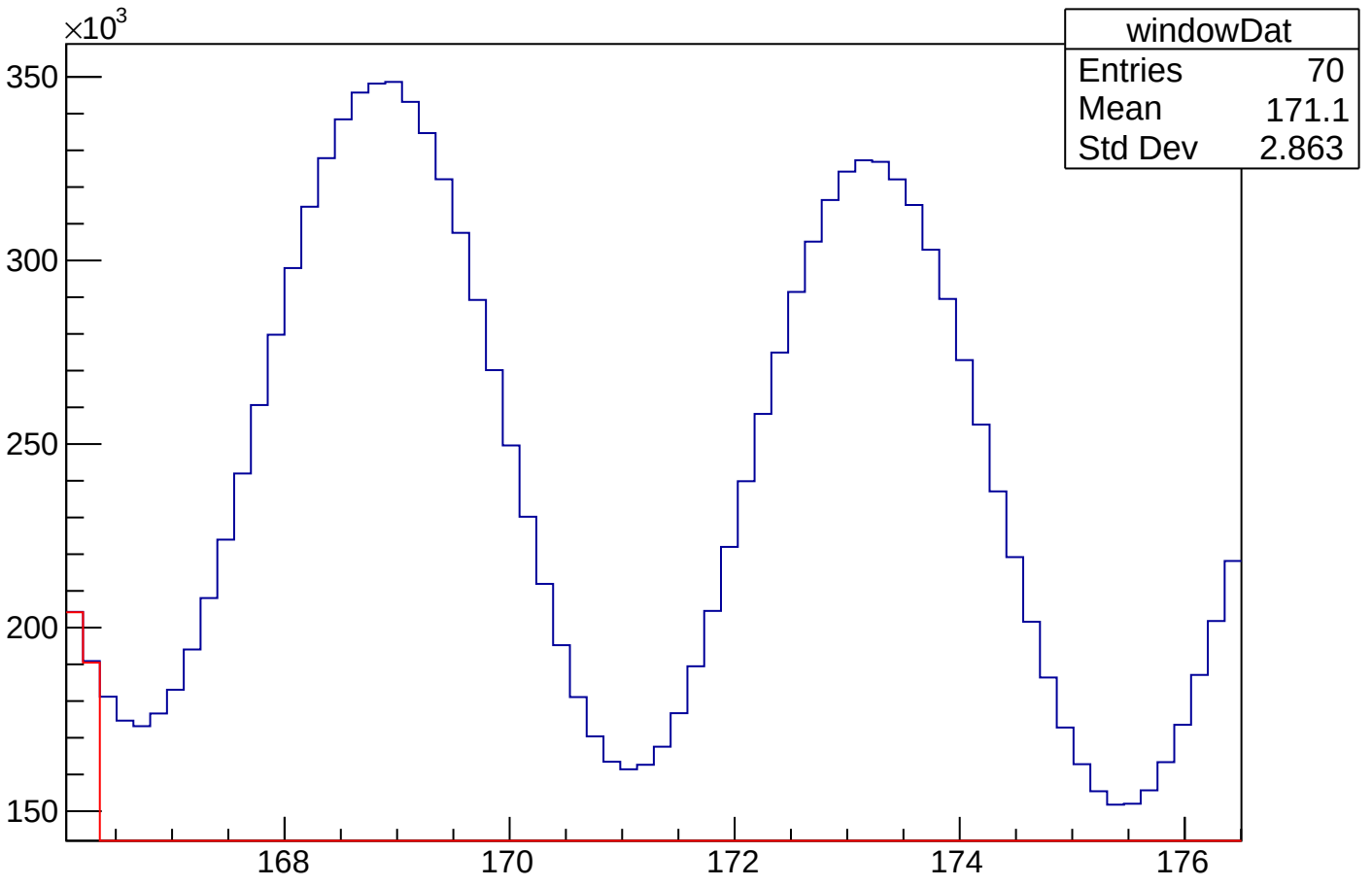

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.526e+06
Std Dev 9.503e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

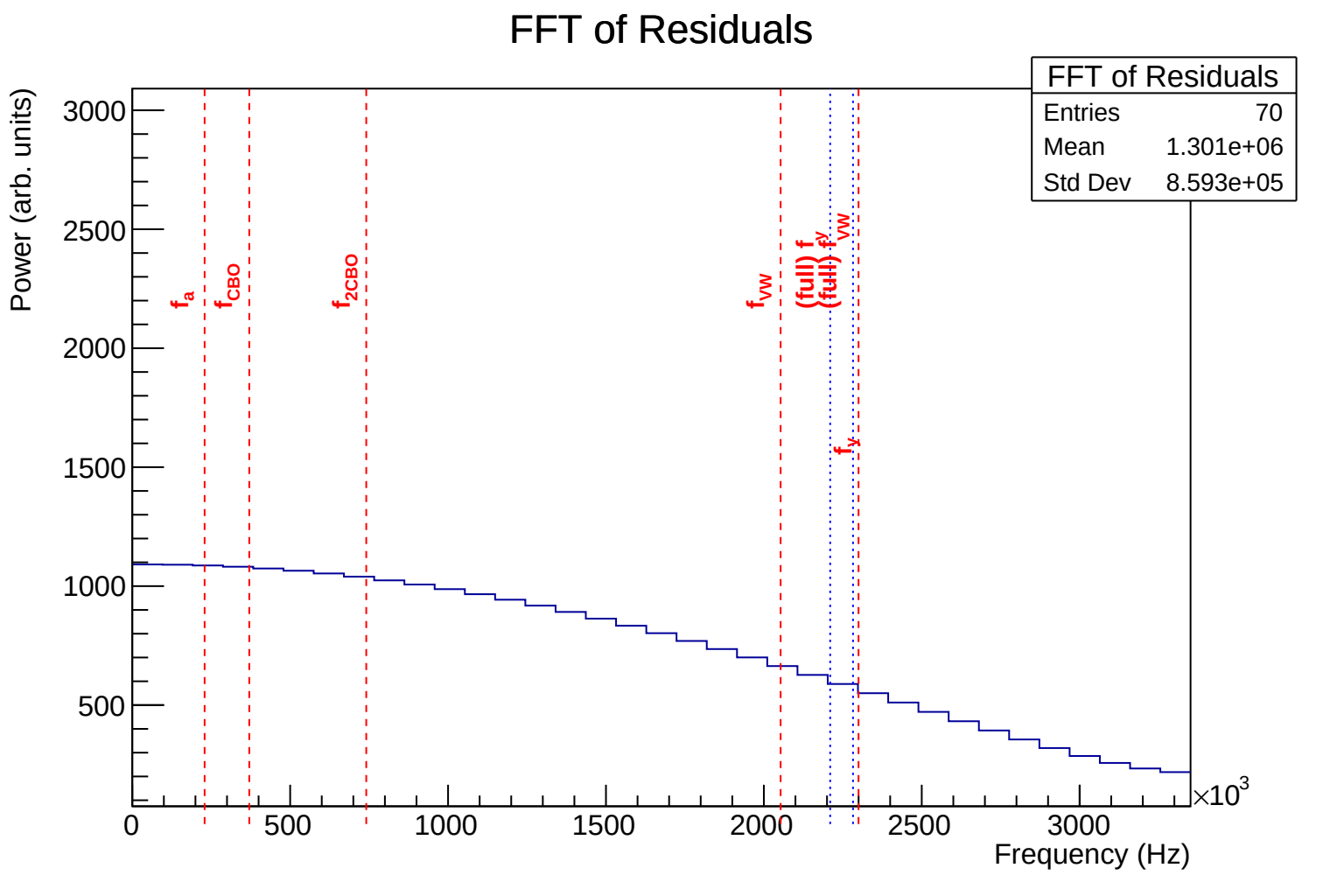

windowDat
×10^3
500
450
400
350
300
250
200
146
148
150
152
154
windowDat
Entries 70
Mean 150.2
Std Dev 3.02

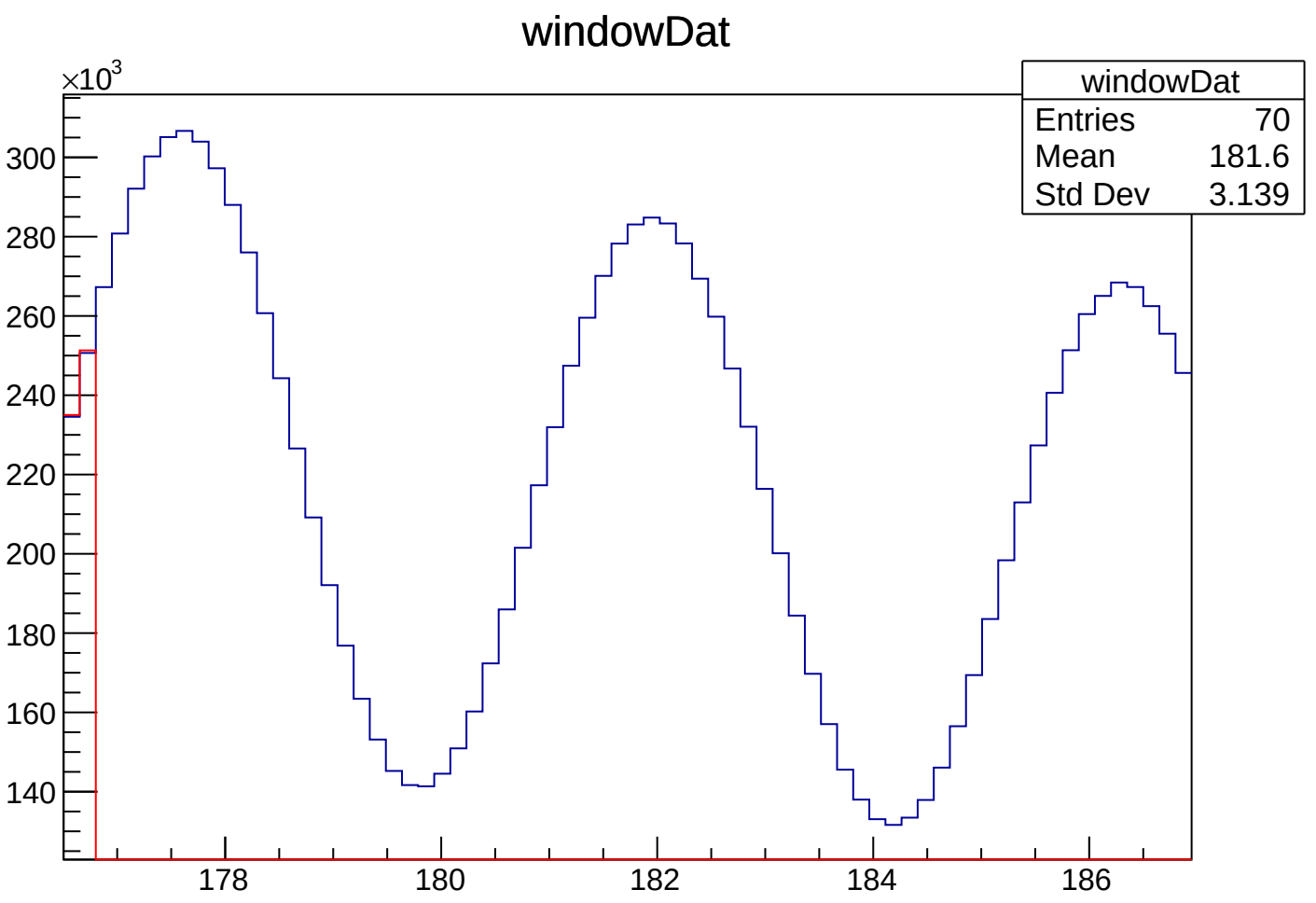

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.546e+06
Std Dev 9.543e+05
Power (arb. units)
2500
2000
1500
1000
500
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$\langle full \rangle f_{VW}$
f_y
0
500
1000
1500
2000
2500
3000
$\times 10^3$
Frequency (Hz)

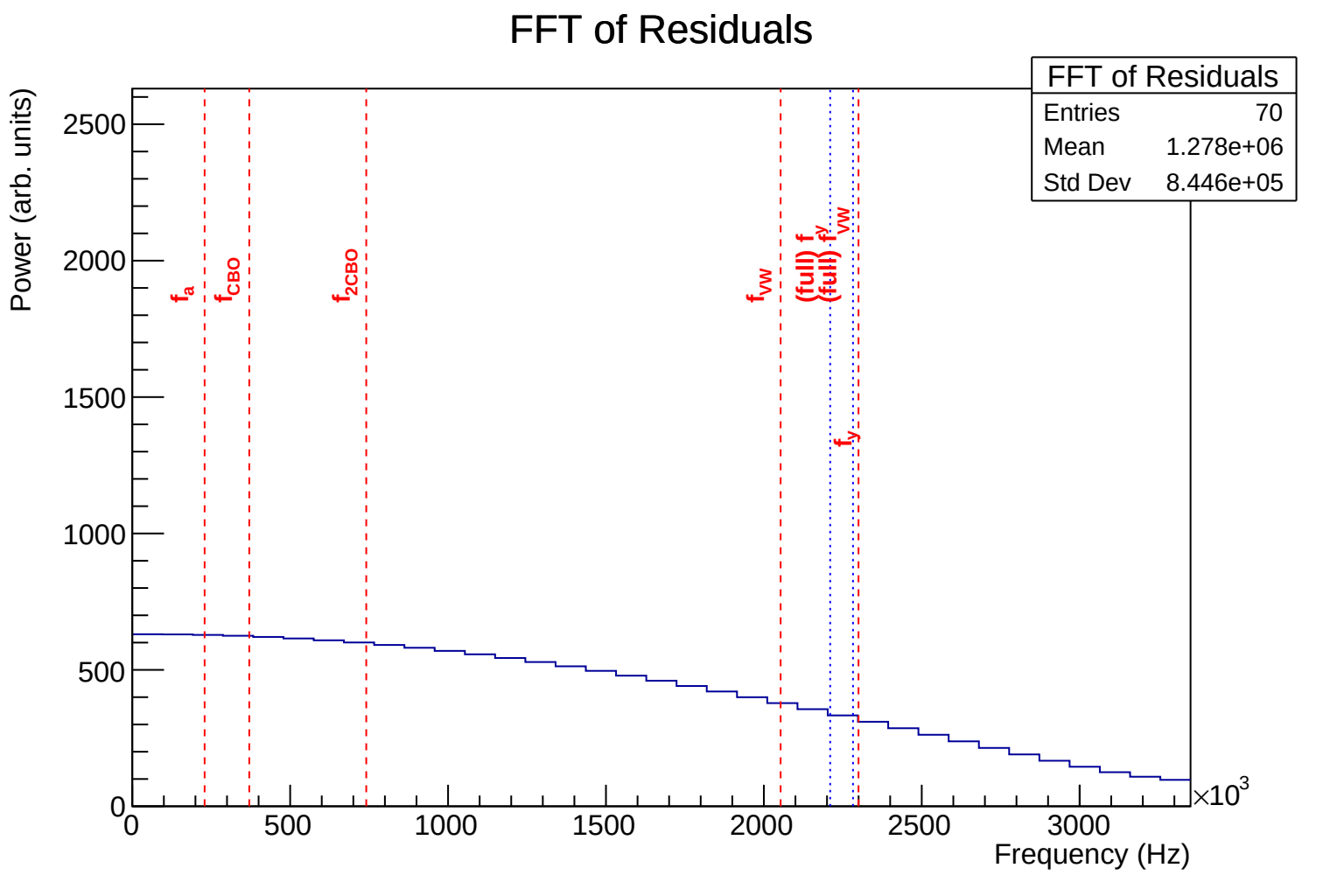

windowDat
×10^3
400
350
300
250
200
156
158
160
162
164
166
windowDat
Entries 70
Mean 160.7
Std Dev 3.094

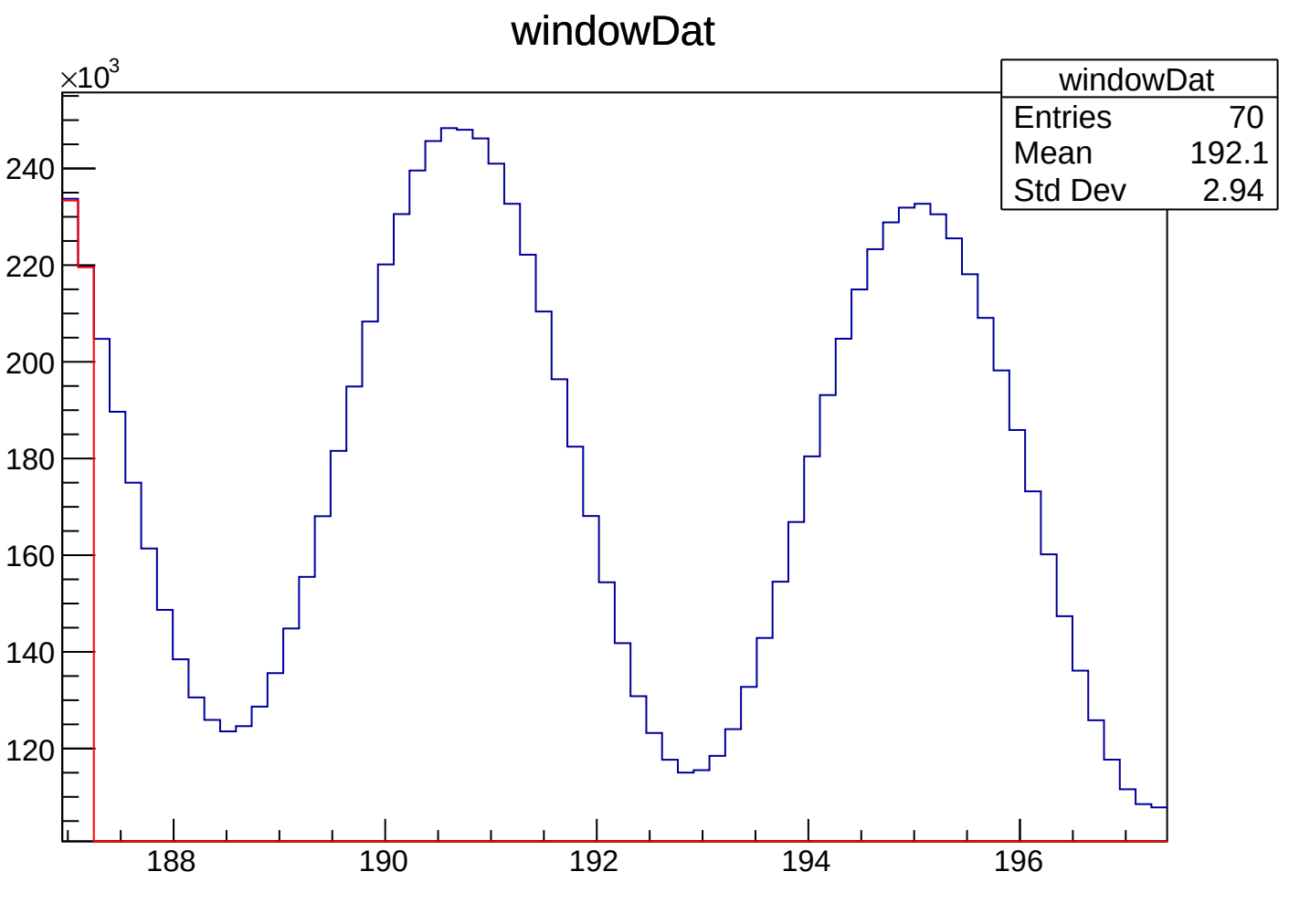

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.517e+06
Std Dev 9.484e+05
Power (arb. units)
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_VW
f_V

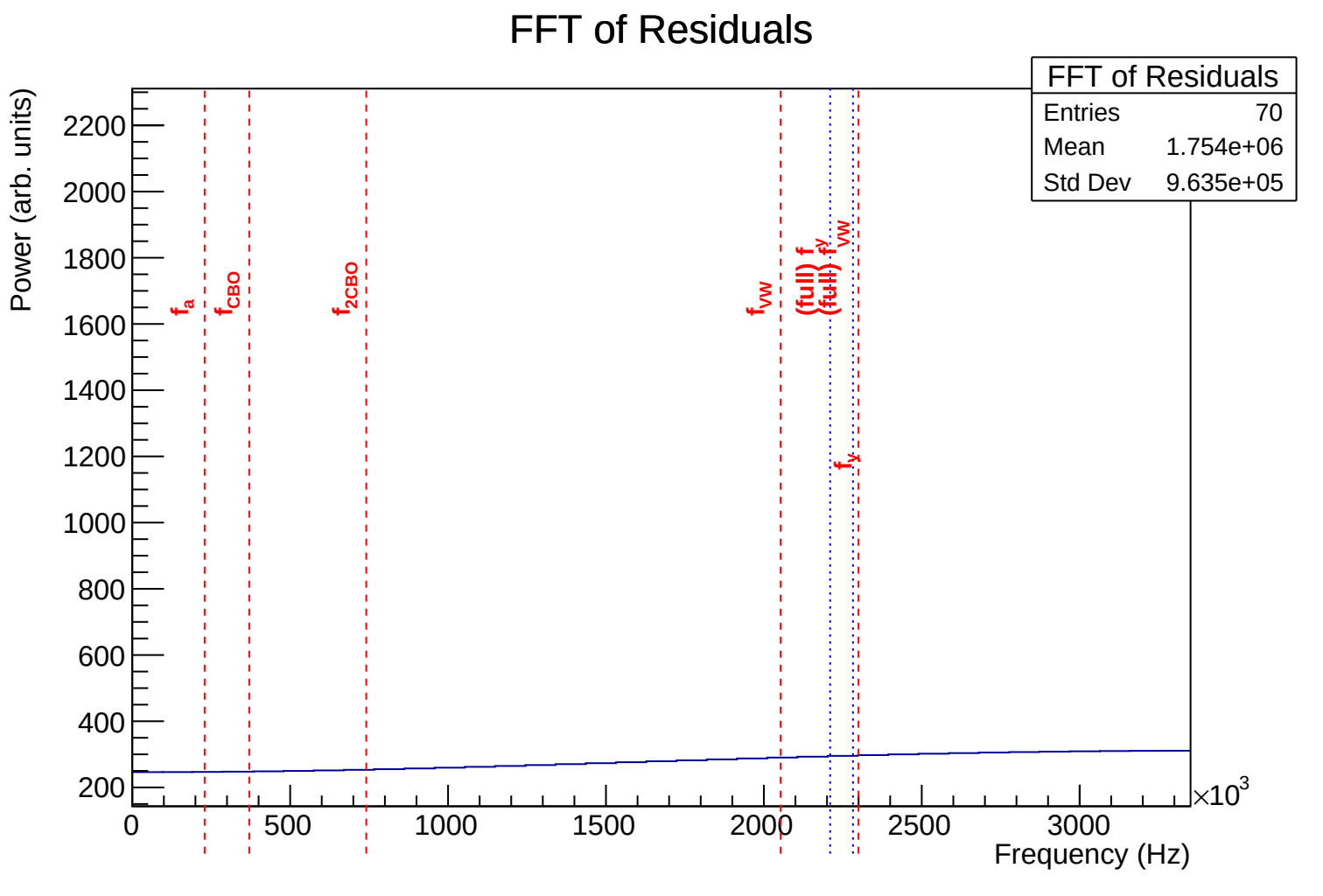

windowDat
×10^3
350
300
250
200
150
168
170
172
174
176
windowDat
Entries 70
Mean 171.1
Std Dev 2.863

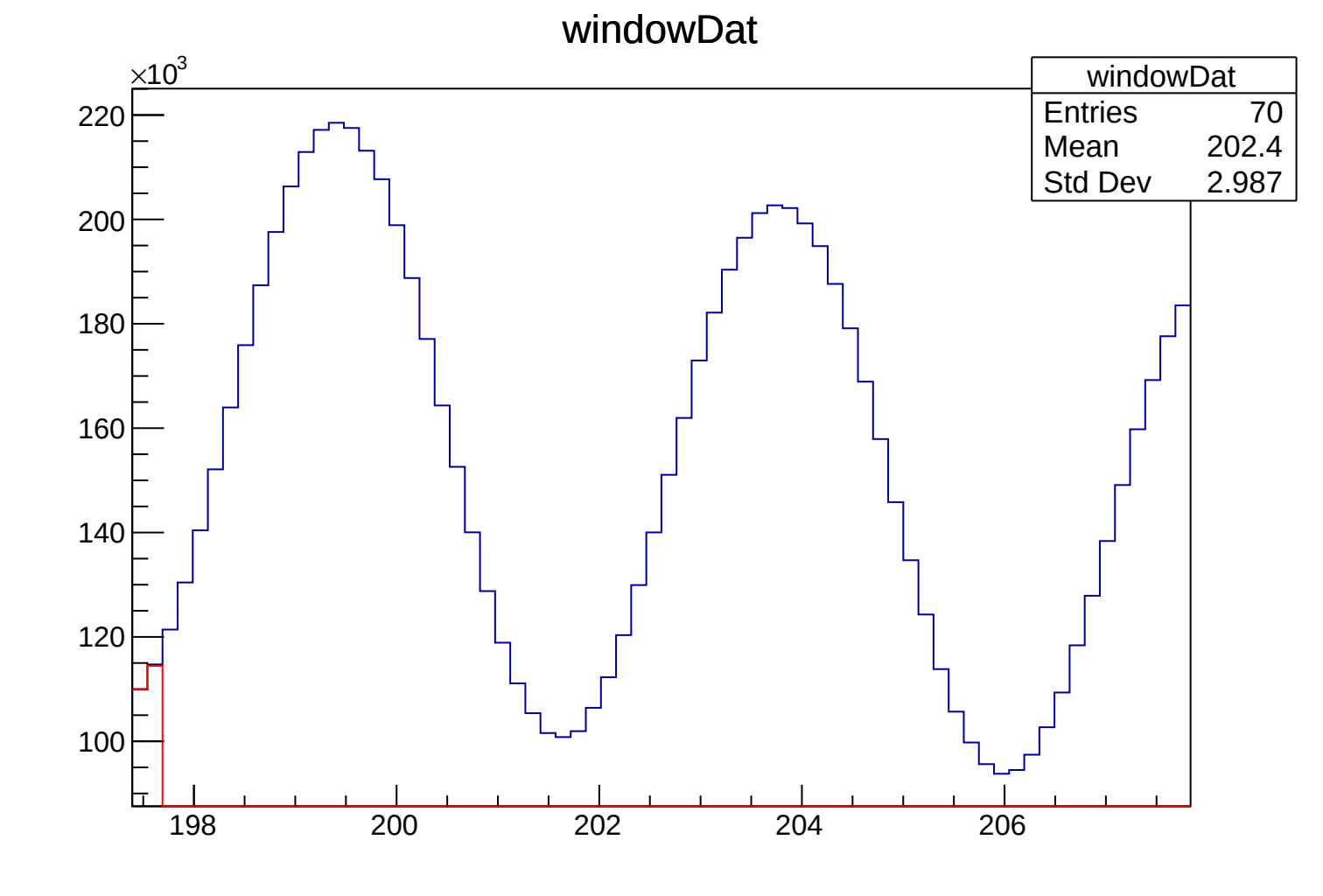

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.301e+06
Std Dev 8.593e+05
Power (arb. units)
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW^y
f_y

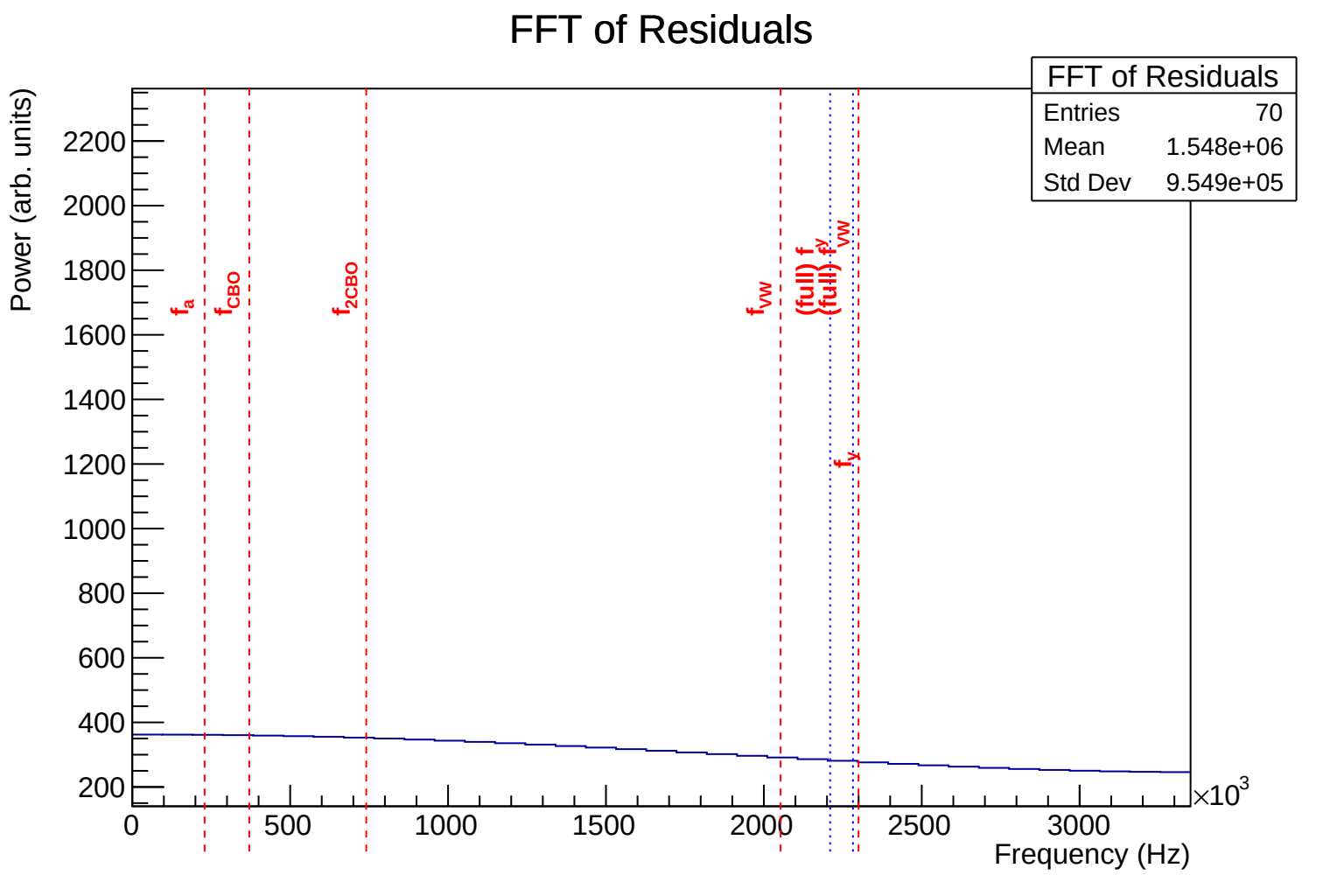

windowDat
×10^3
300
280
260
240
220
200
180
160
140
178
180
182
184
186
windowDat
Entries 70
Mean 181.6
Std Dev 3.139

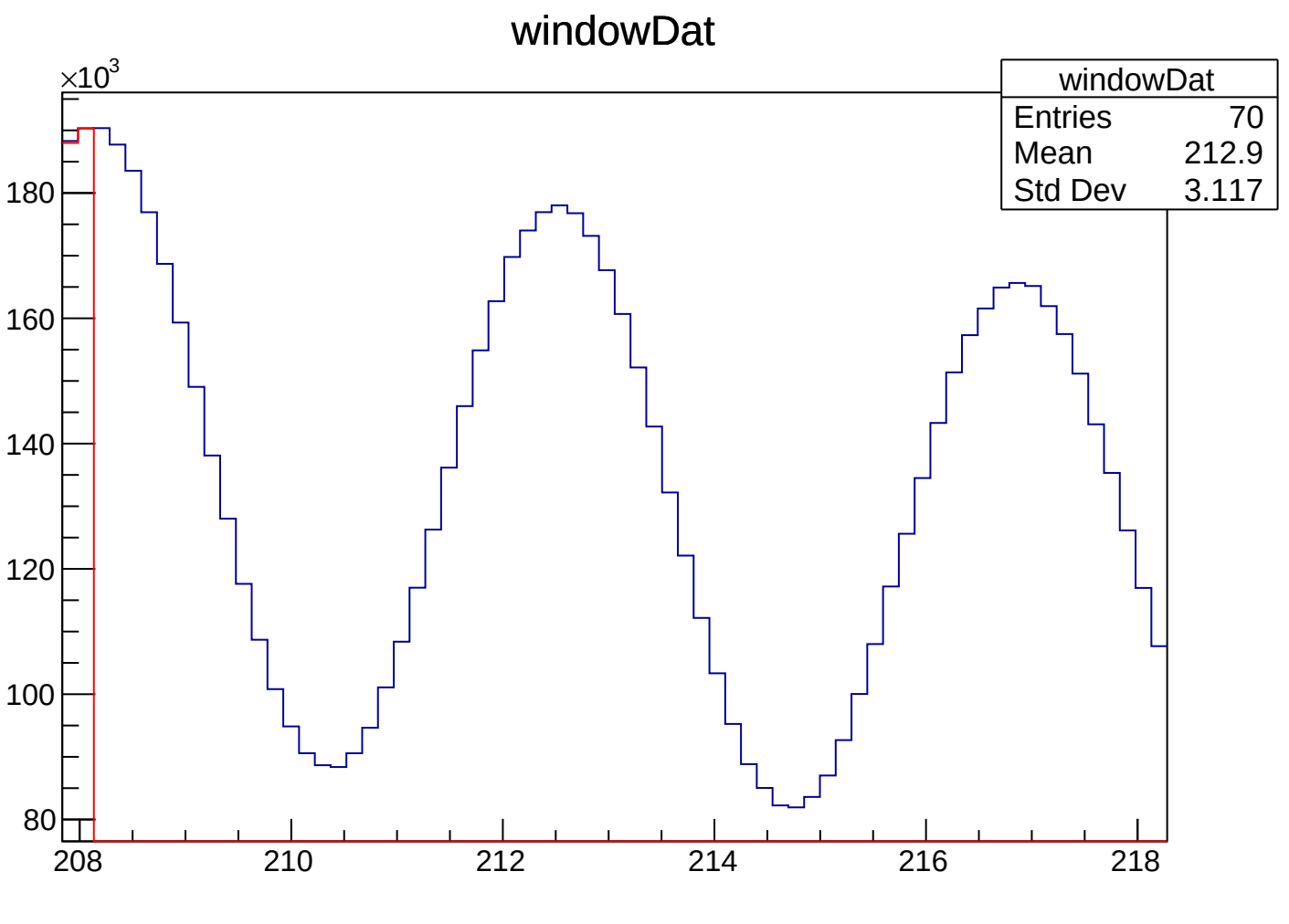

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.278e+06
Std Dev 8.446e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

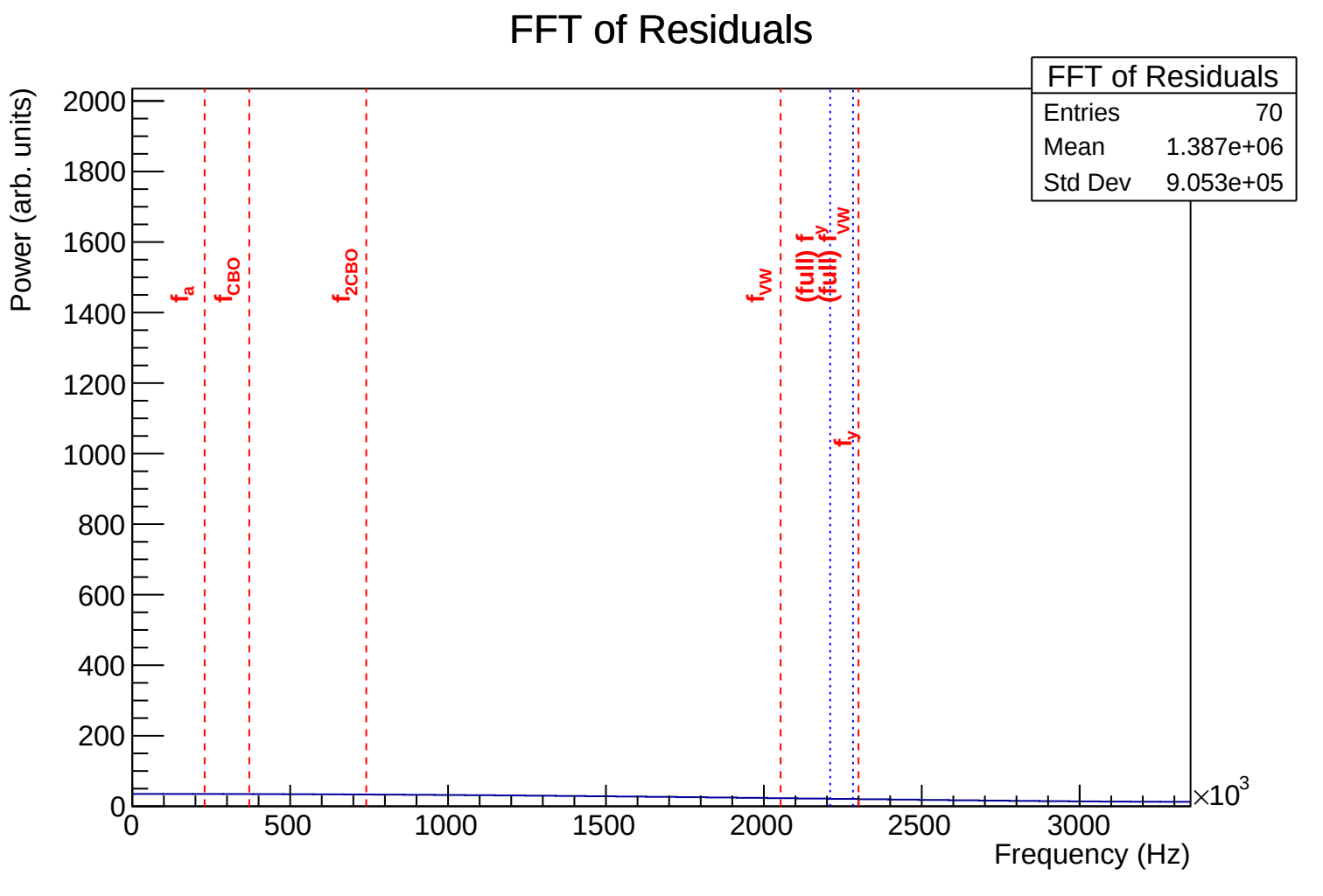

windowDat
×10^3
240
220
200
180
160
140
120
188
190
192
194
196
windowDat
Entries 70
Mean 192.1
Std Dev 2.94

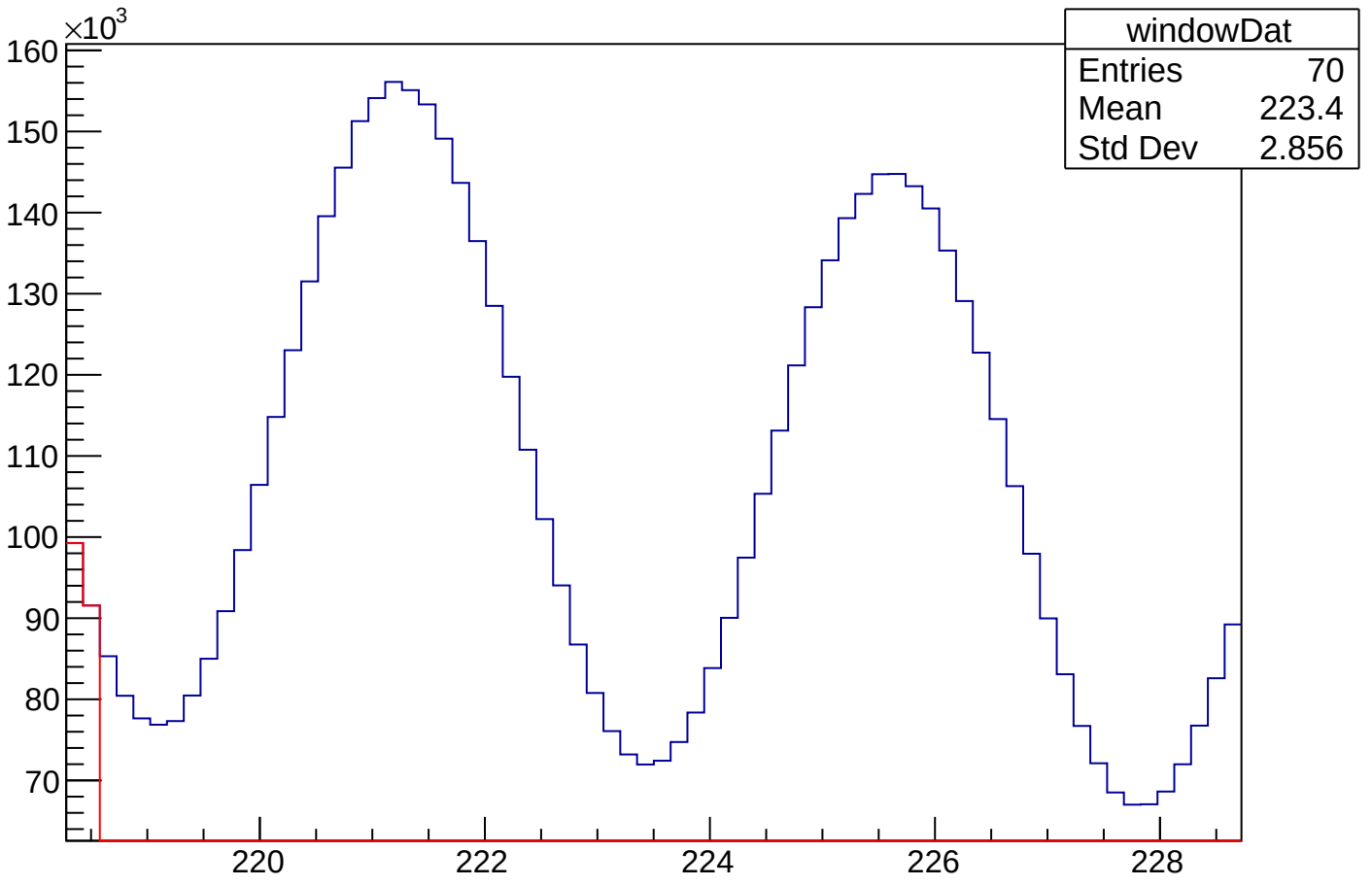

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.754e+06
Std Dev 9.635e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩ (full)
f_y (full)
f_VW
f_y
0
500
1000
1500
2000
2500
3000
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

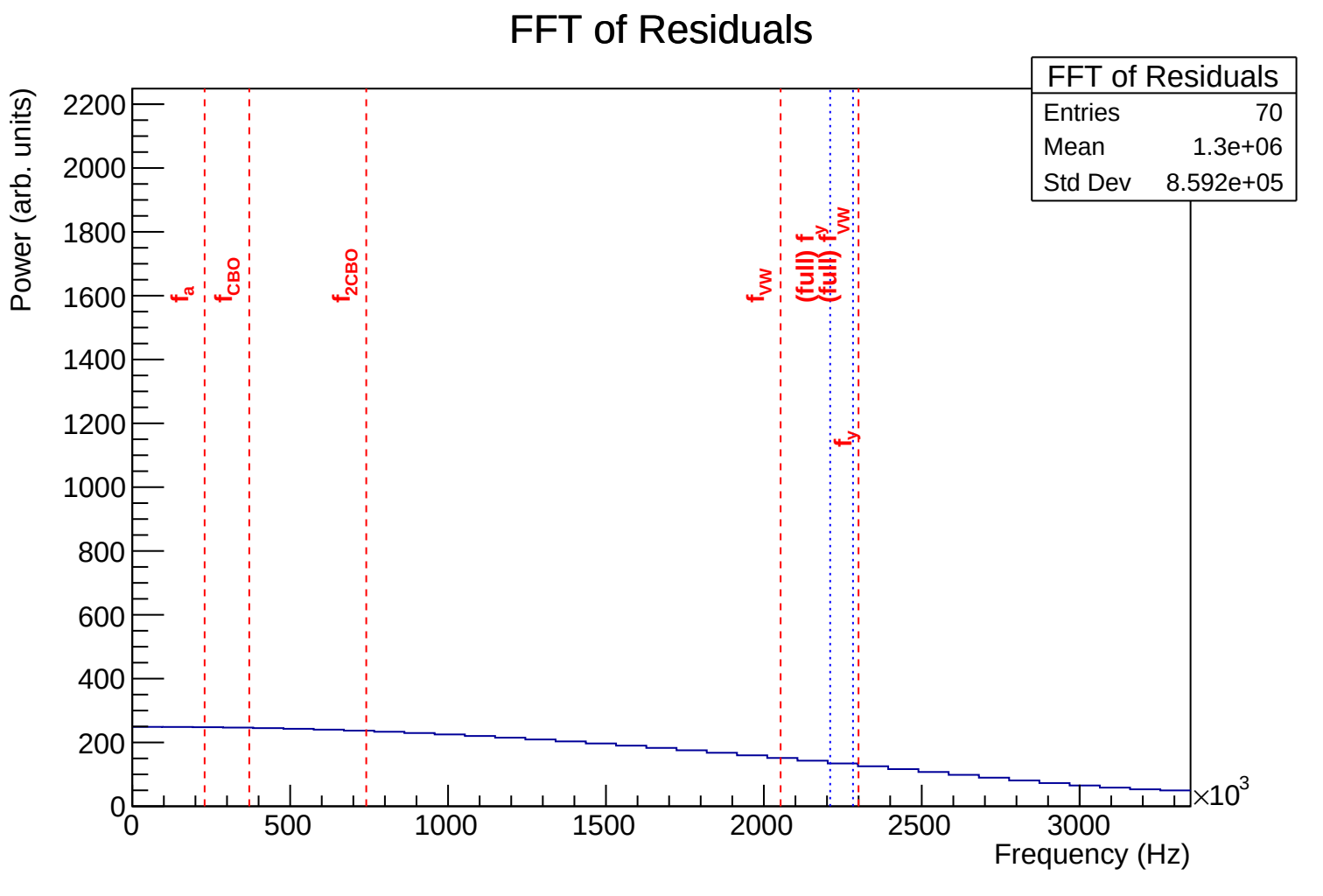

windowDat
×10^3
220
200
180
160
140
120
100
198
200
202
204
206
windowDat
Entries 70
Mean 202.4
Std Dev 2.987

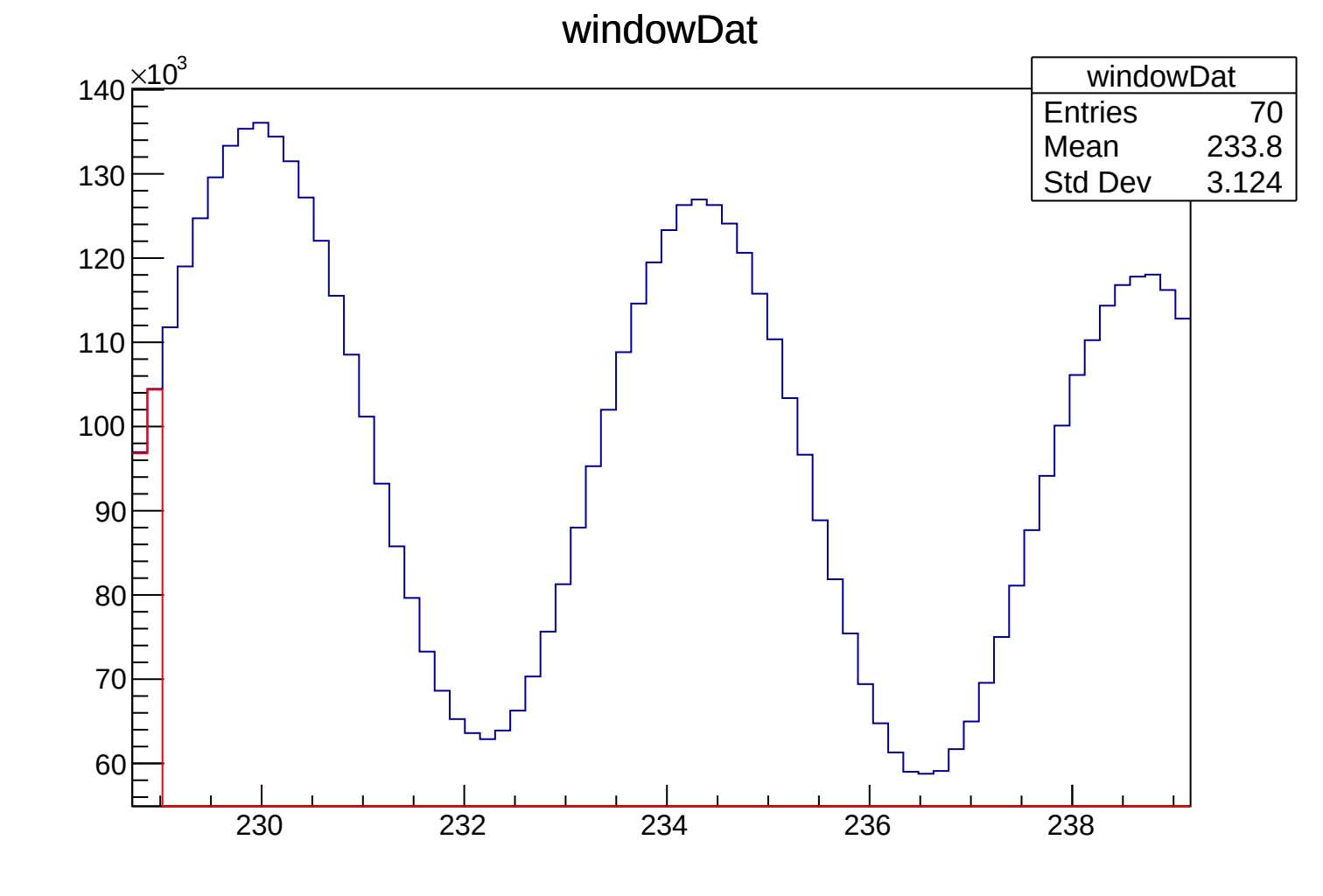

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.548e+06
Std Dev 9.549e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩ (full)
f_y (full)
f_VW
f_x
0
500
1000
1500
2000
2500
3000
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

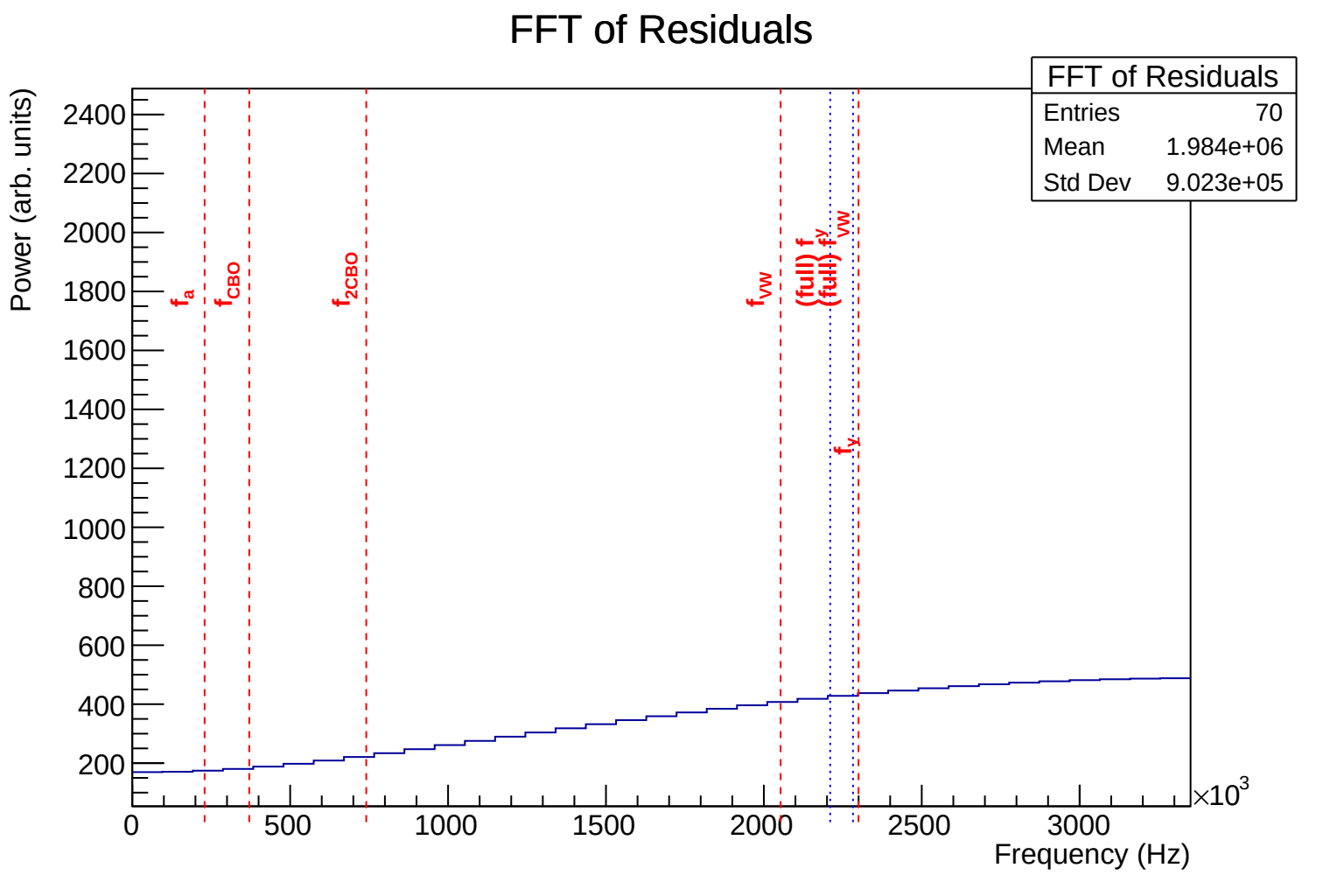

windowDat
×10^3
windowDat
Entries 70
Mean 212.9
Std Dev 3.117
180
160
140
120
100
80
208
210
212
214
216
218

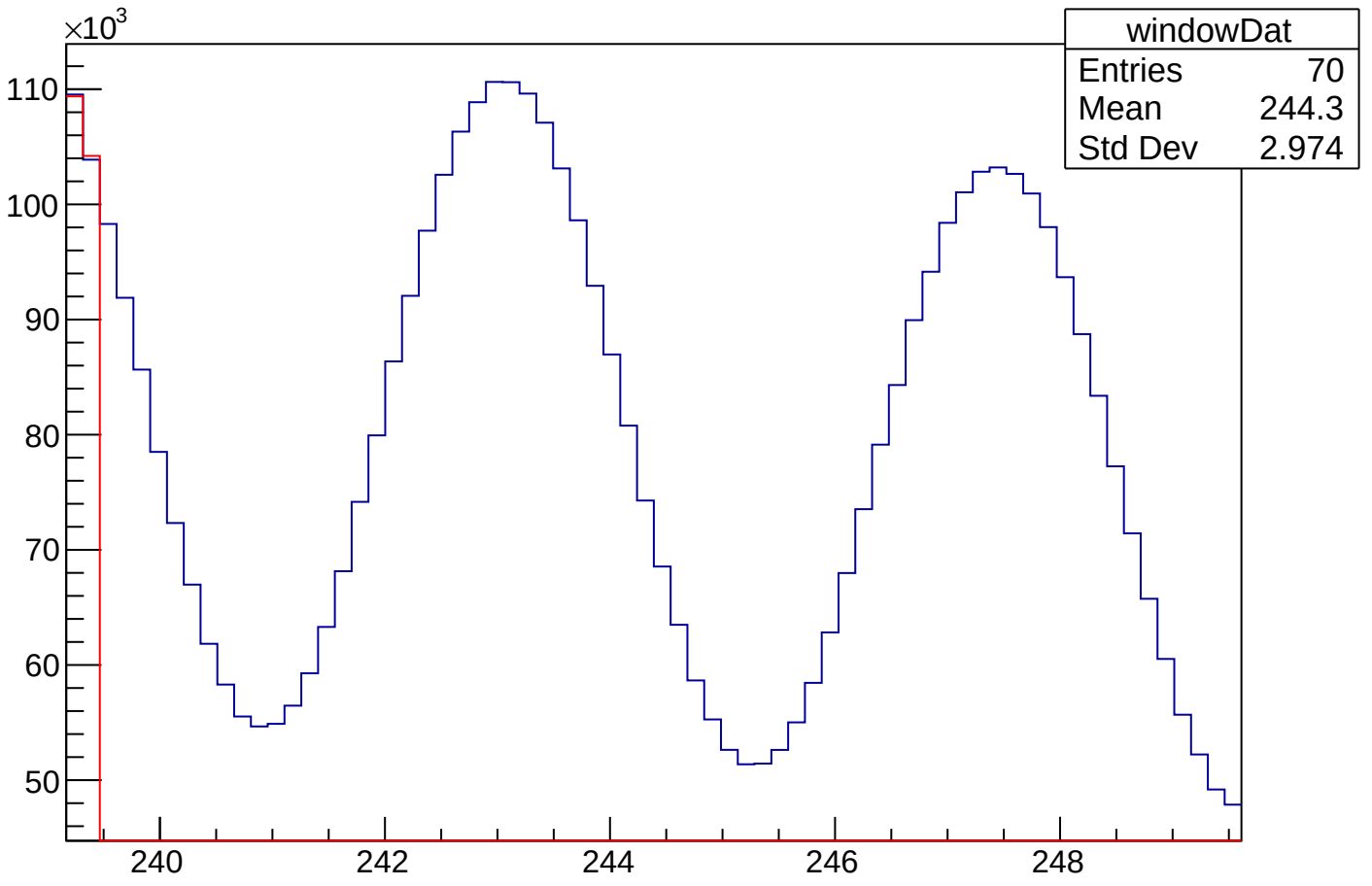

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.387e+06
Std Dev 9.053e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

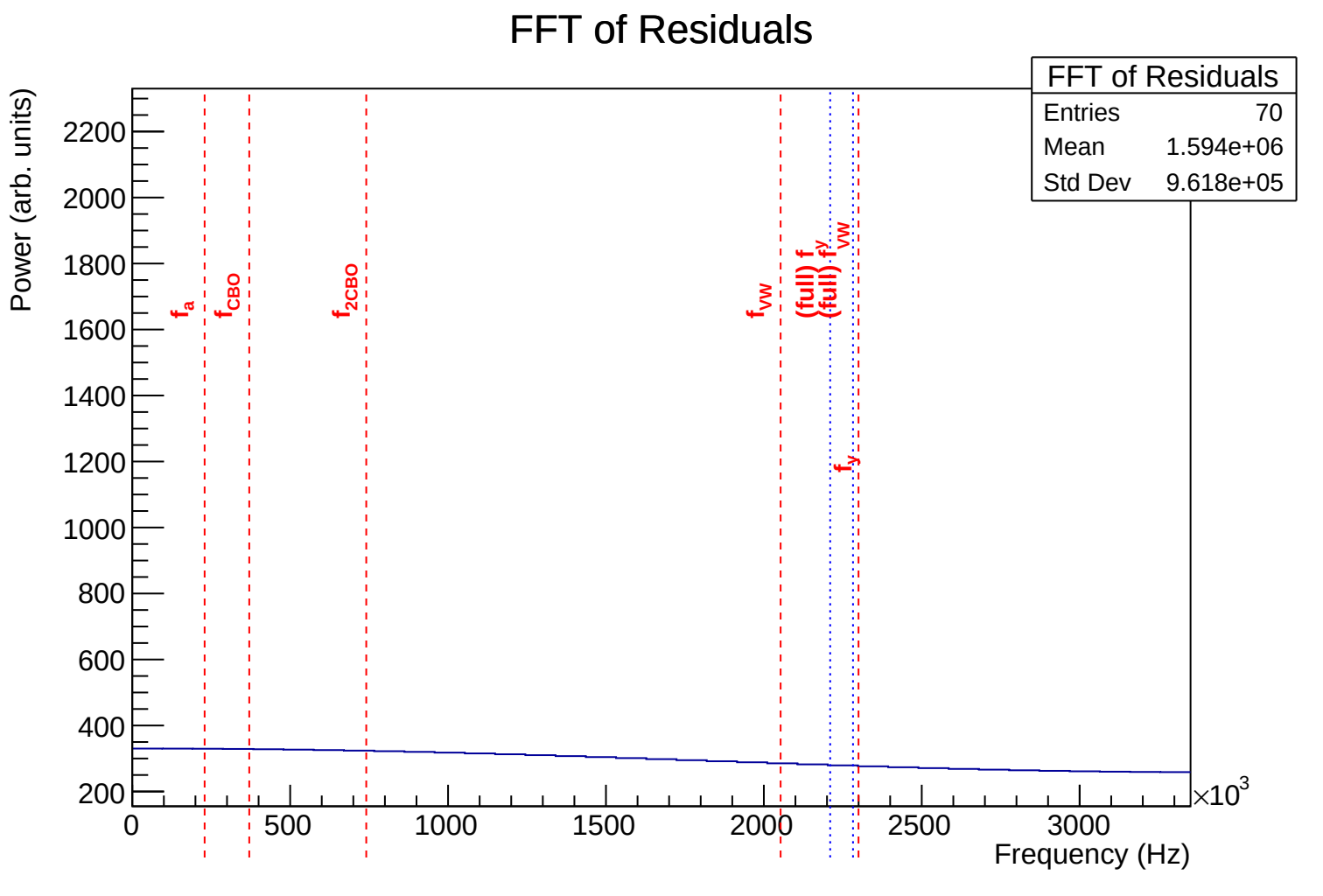

windowDat
×10^3
160
150
140
130
120
110
100
90
80
70
220
222
224
226
228
windowDat
Entries 70
Mean 223.4
Std Dev 2.856

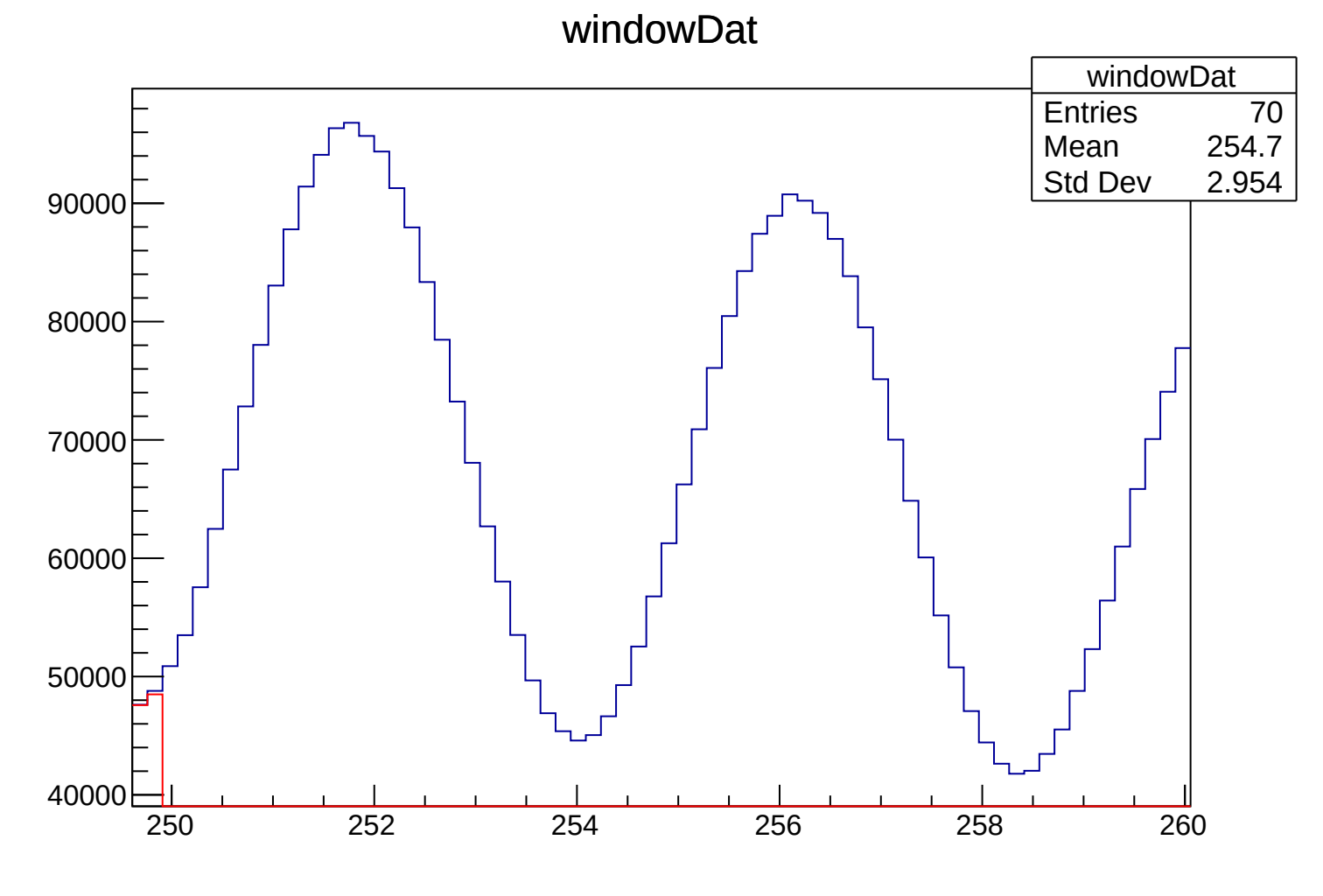

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.3e+06
Std Dev 8.592e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

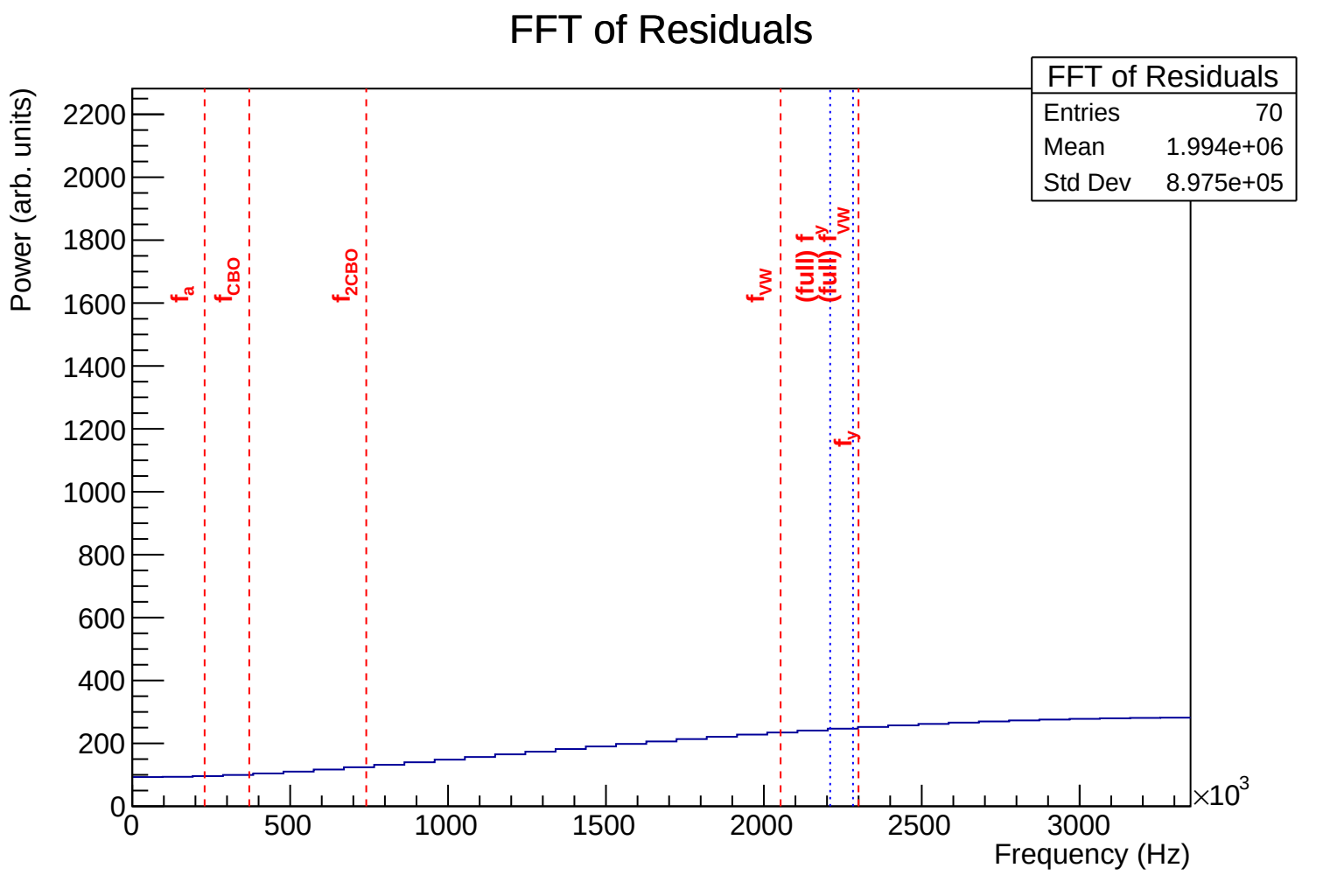

windowDat
×10^3
140
130
120
110
100
90
80
70
60
230
232
234
236
238
windowDat
Entries 70
Mean 233.8
Std Dev 3.124

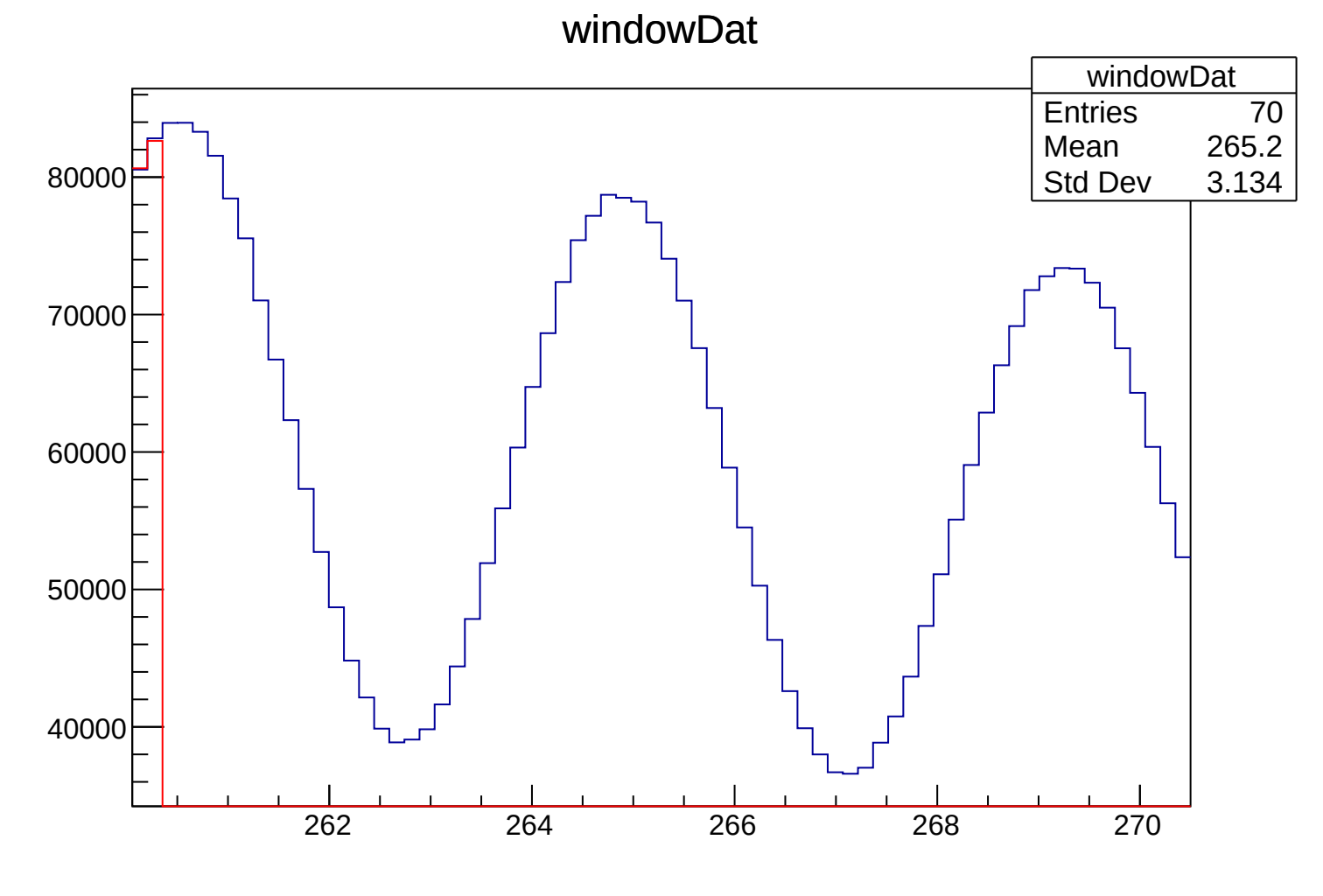

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.984e+06
Std Dev 9.023e+05
Power (arb. units)
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$\langle f_{full} \rangle$
$\langle f_{full} \rangle f_{VW}$
f_y
0
500
1000
1500
2000
2500
3000
$\times 10^3$
Frequency (Hz)

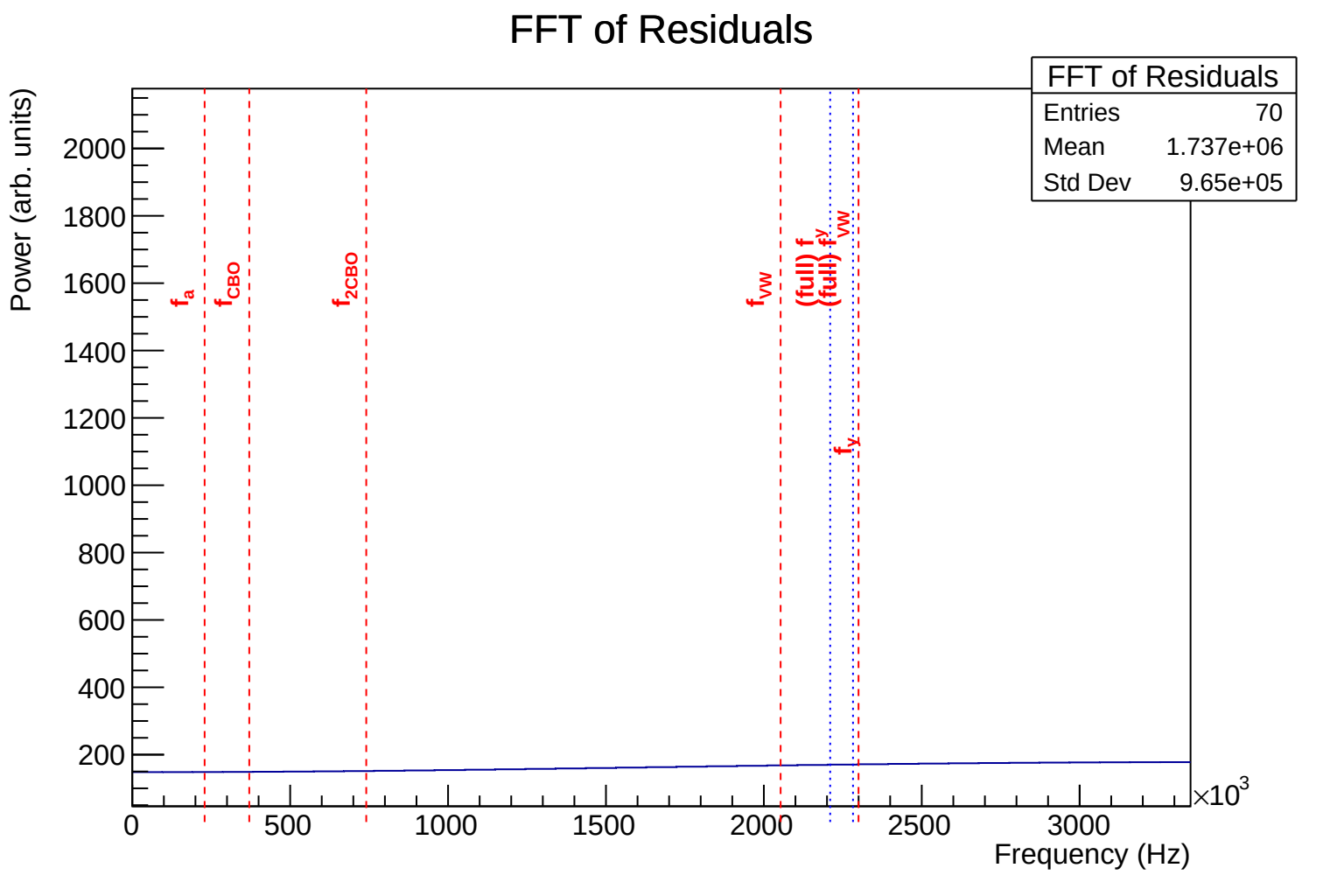

windowDat
×10^3
110
100
90
80
70
60
50
240
242
244
246
248
windowDat
Entries 70
Mean 244.3
Std Dev 2.974

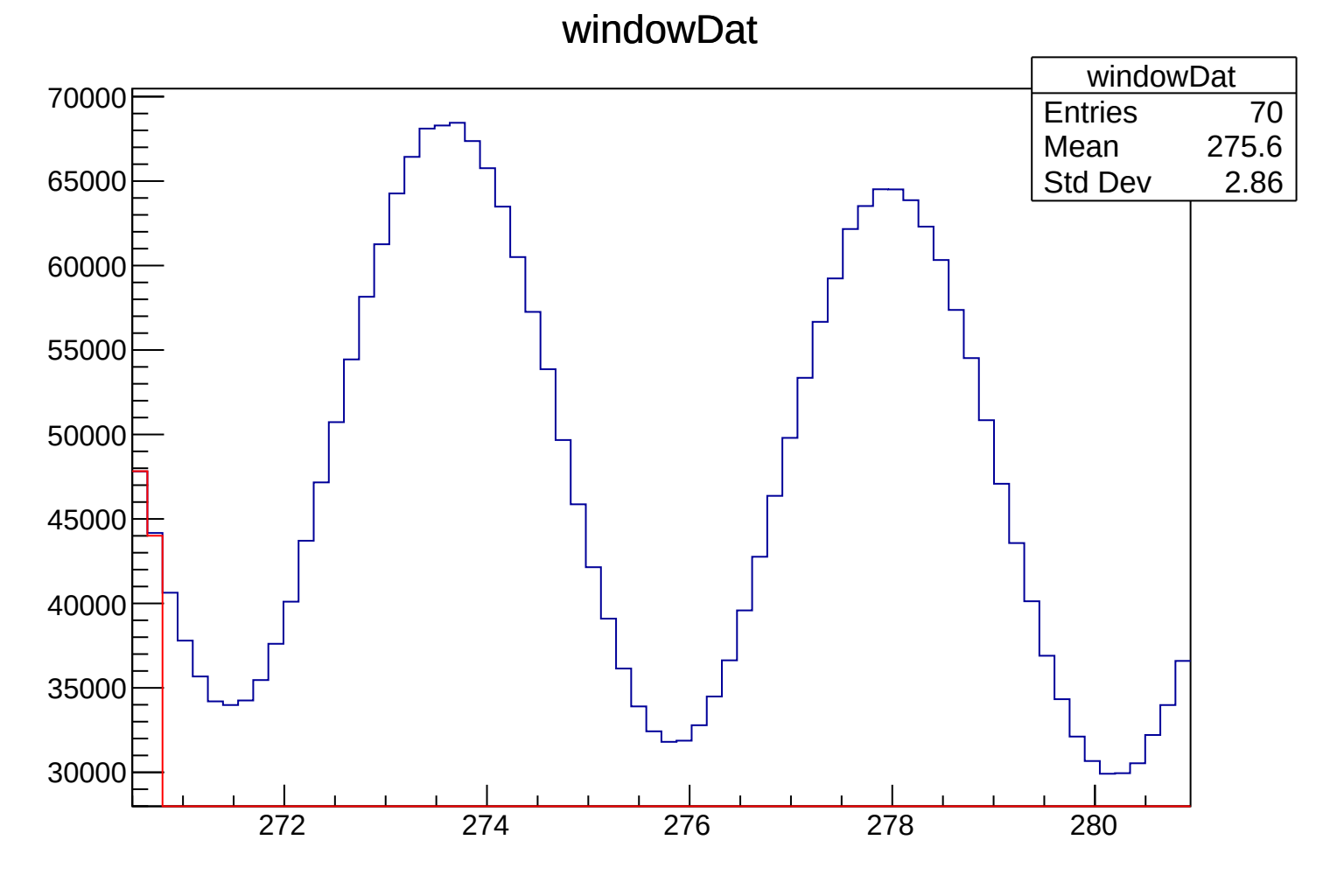

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.594e+06
Std Dev 9.618e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩ (full)
f_y (full)
f_VW
f_y
0
500
1000
1500
2000
2500
3000
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

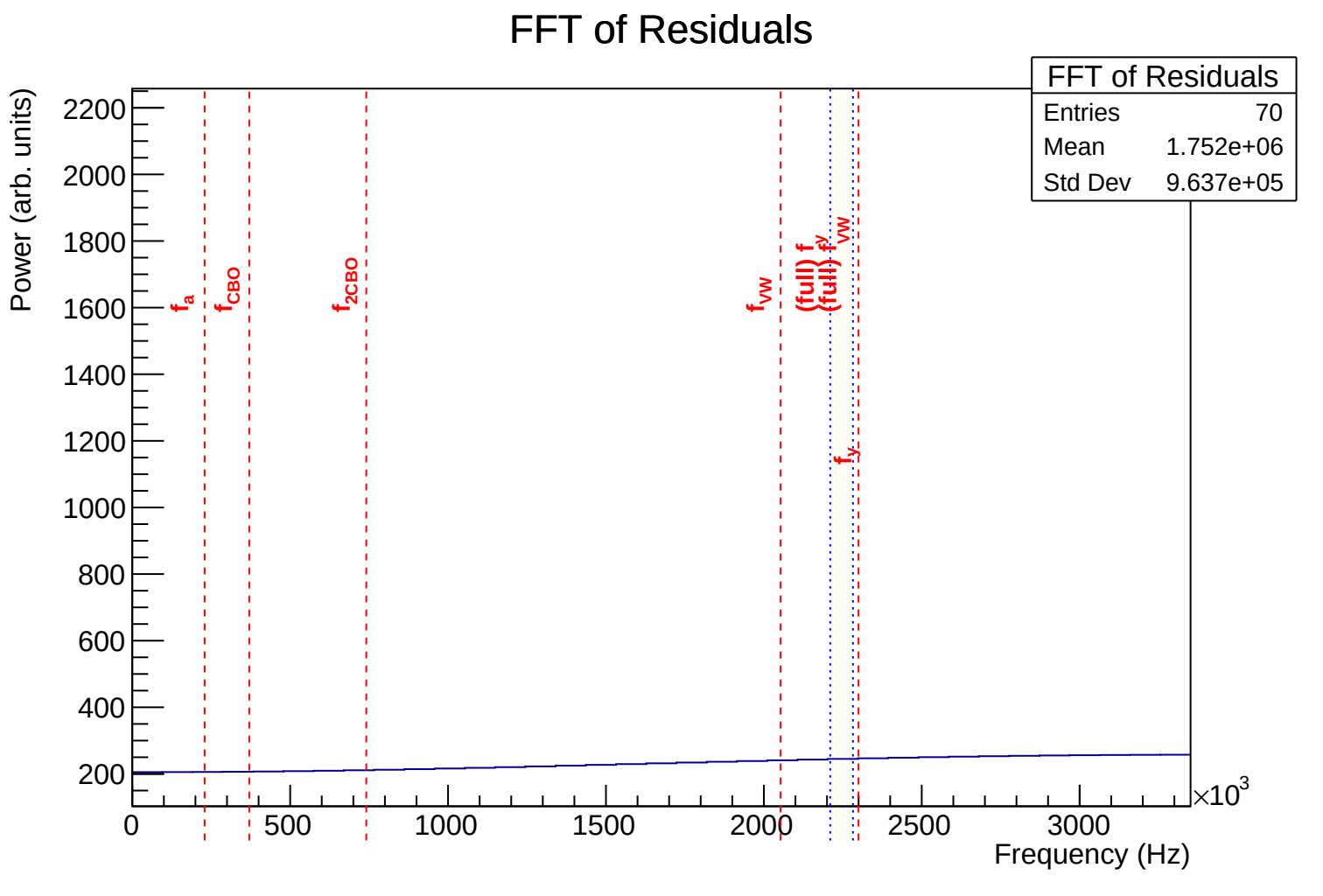

windowDat
windowDat
Entries 70
Mean 254.7
Std Dev 2.954
90000
80000
70000
60000
50000
40000
250
252
254
256
258
260

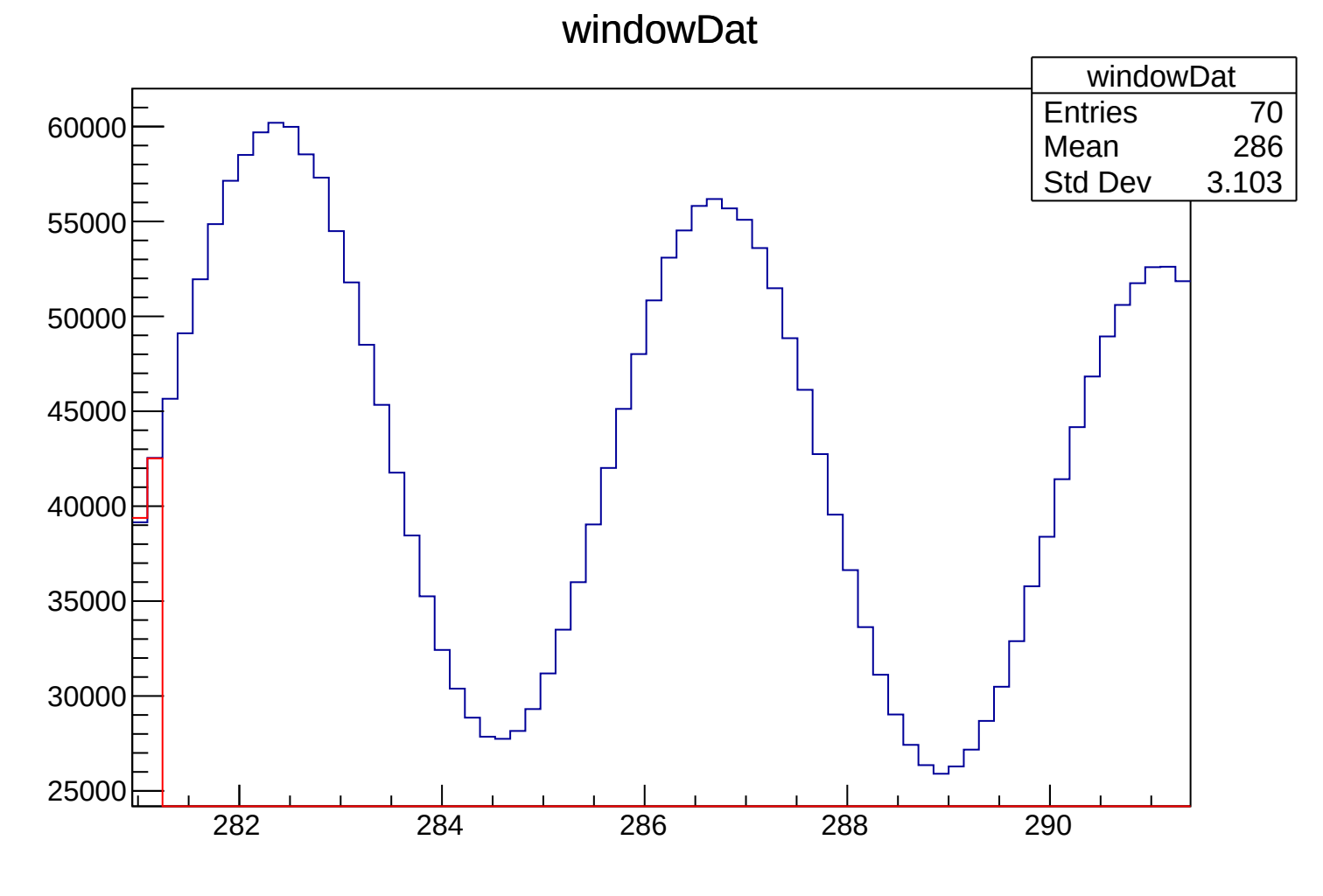

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.994e+06
Std Dev 8.975e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
0
500
1000
1500
2000
2500
3000

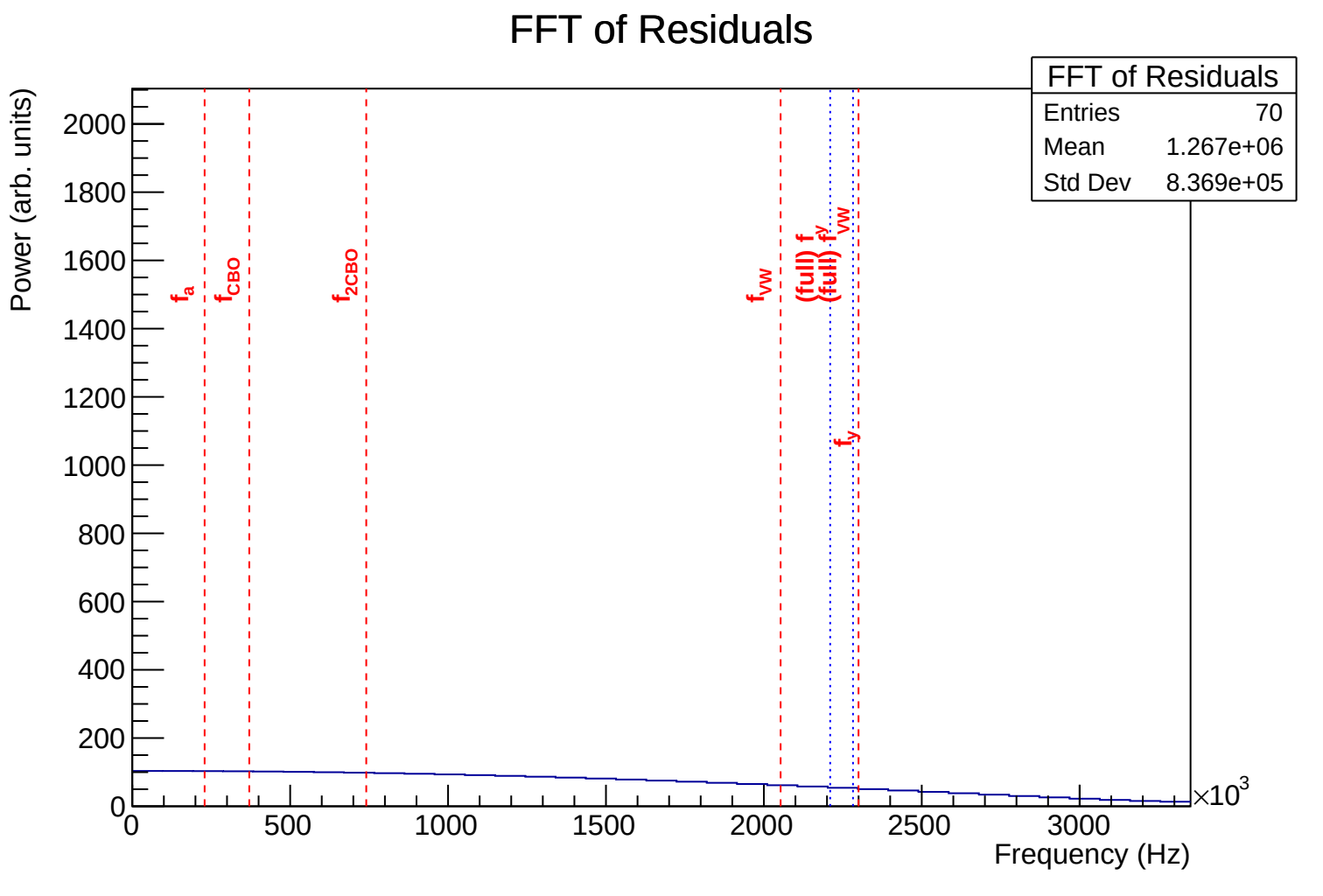

windowDat
windowDat
Entries 70
Mean 265.2
Std Dev 3.134
80000
70000
60000
50000
40000
262
264
266
268
270

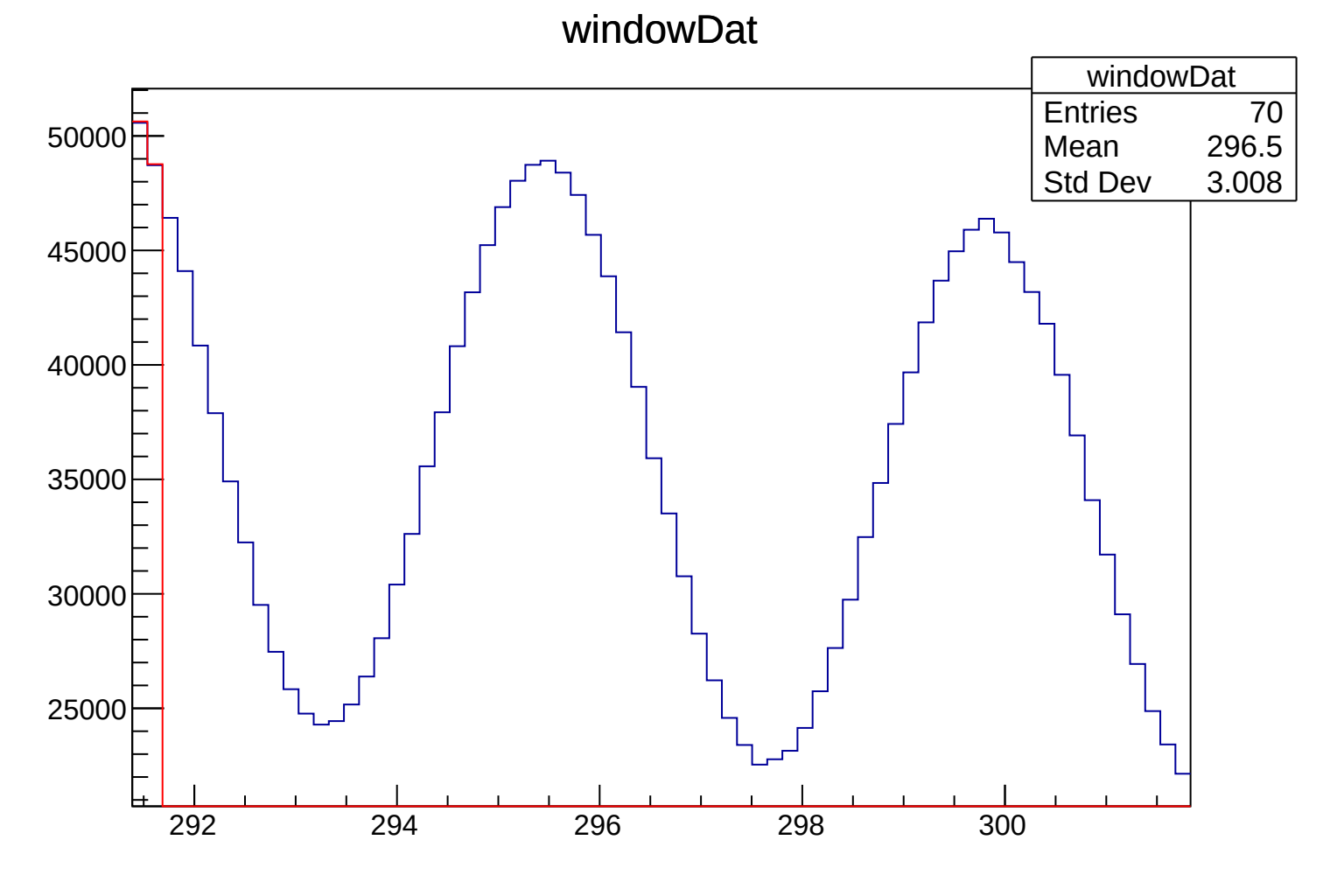

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.737e+06
Std Dev 9.65e+05
Power (arb. units)
2000
1800
1600
1400
1200
1000
800
600
400
200
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$\langle f \rangle_{(full)}$
$f_{y_{VW}}$
f_y
0
500
1000
1500
2000
2500
3000
$\times 10^3$
Frequency (Hz)

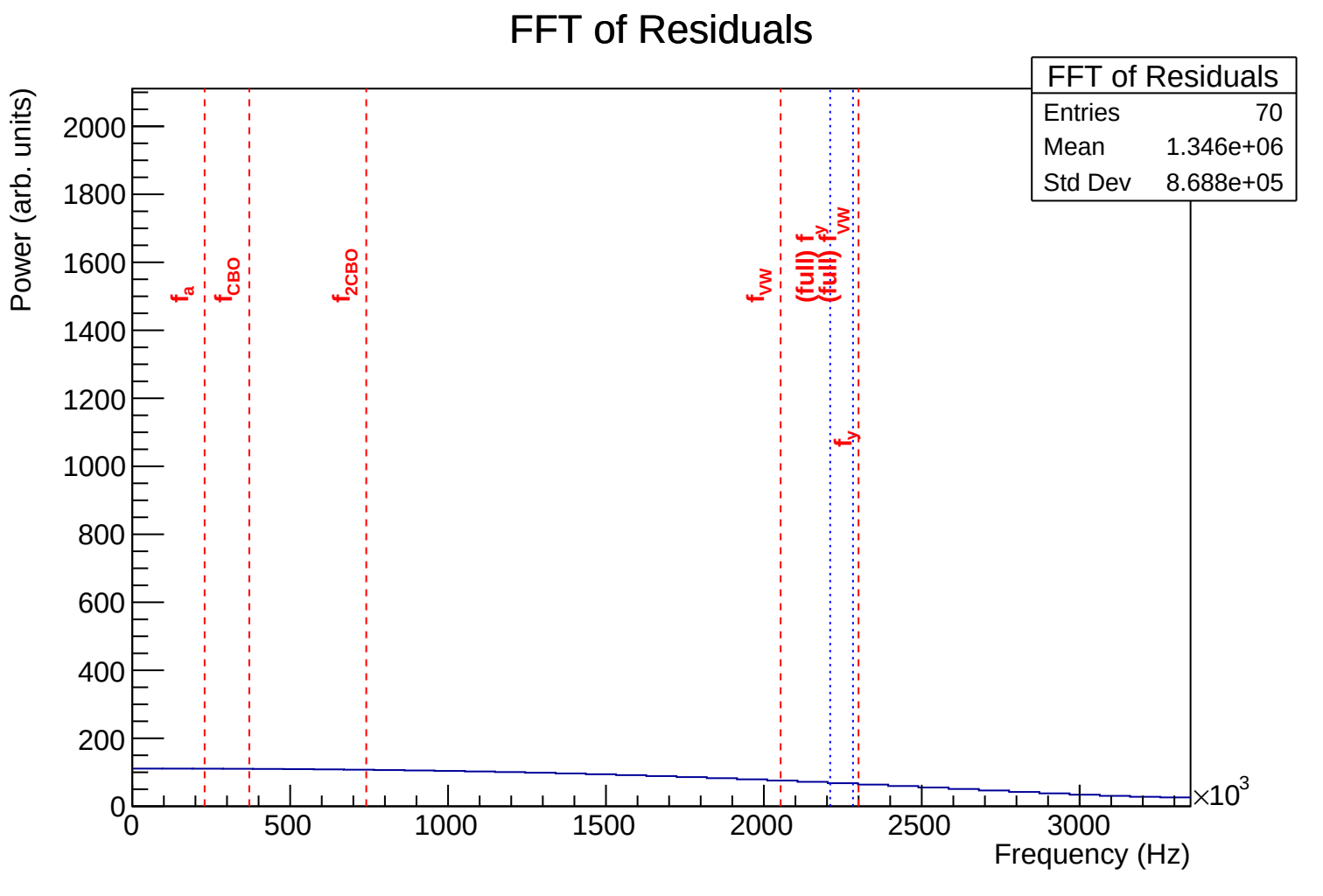

windowDat
windowDat
Entries 70
Mean 275.6
Std Dev 2.86
70000
65000
60000
55000
50000
45000
40000
35000
30000
272
274
276
278
280

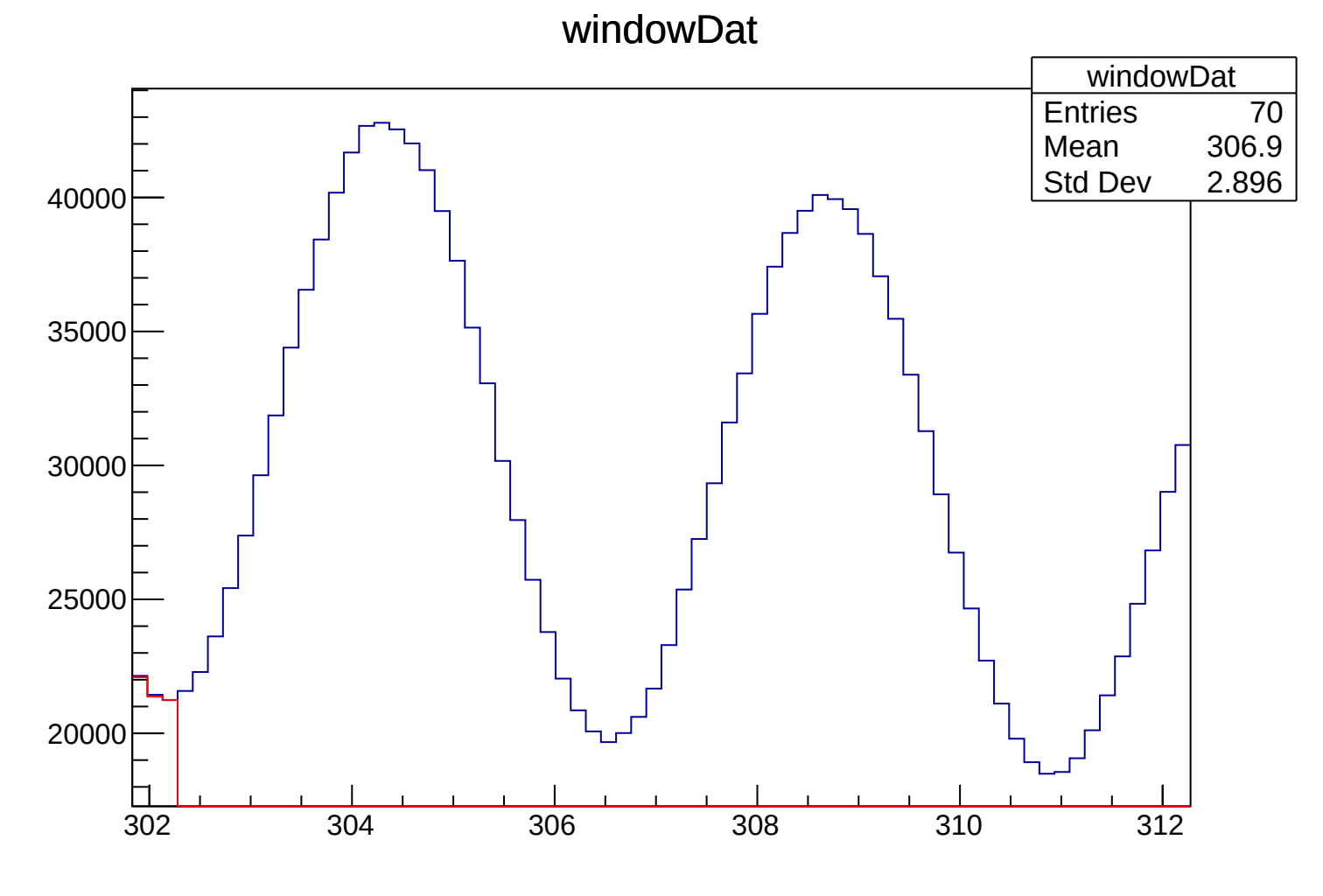

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.752e+06
Std Dev 9.637e+05
Power (arb. units)
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y

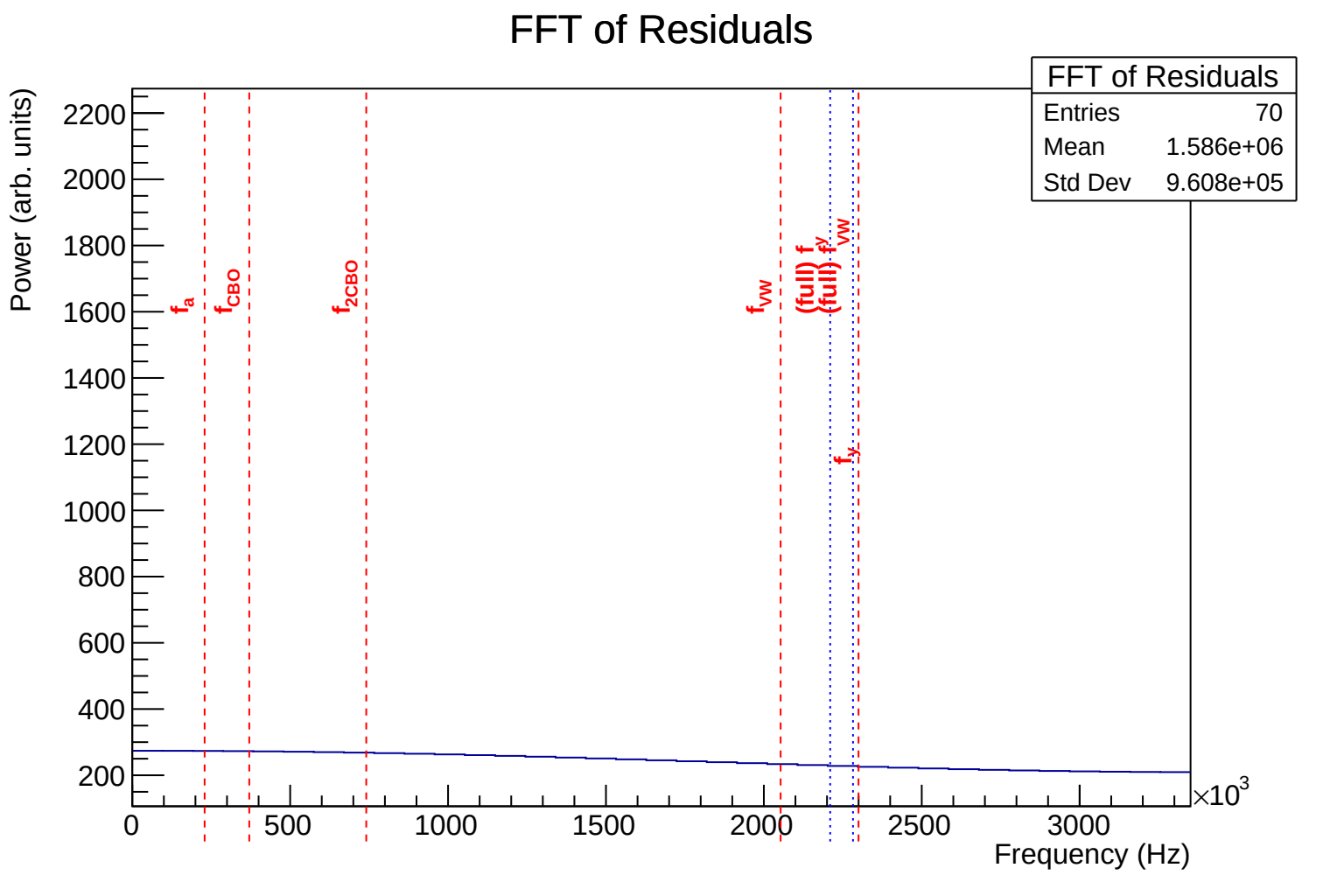

windowDat
windowDat
Entries 70
Mean 286
Std Dev 3.103
60000
55000
50000
45000
40000
35000
30000
25000
282
284
286
288
290

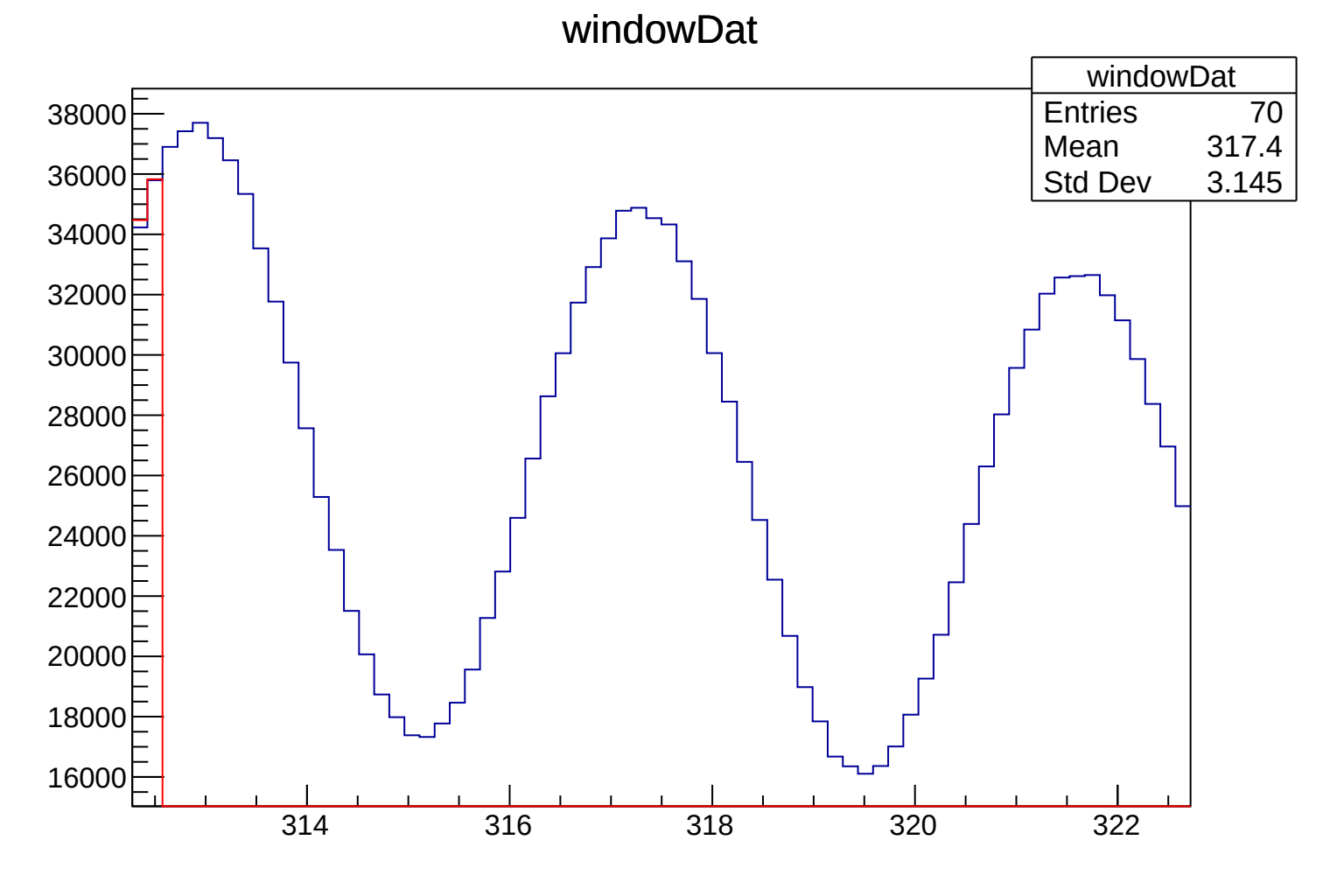

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.267e+06
Std Dev 8.369e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

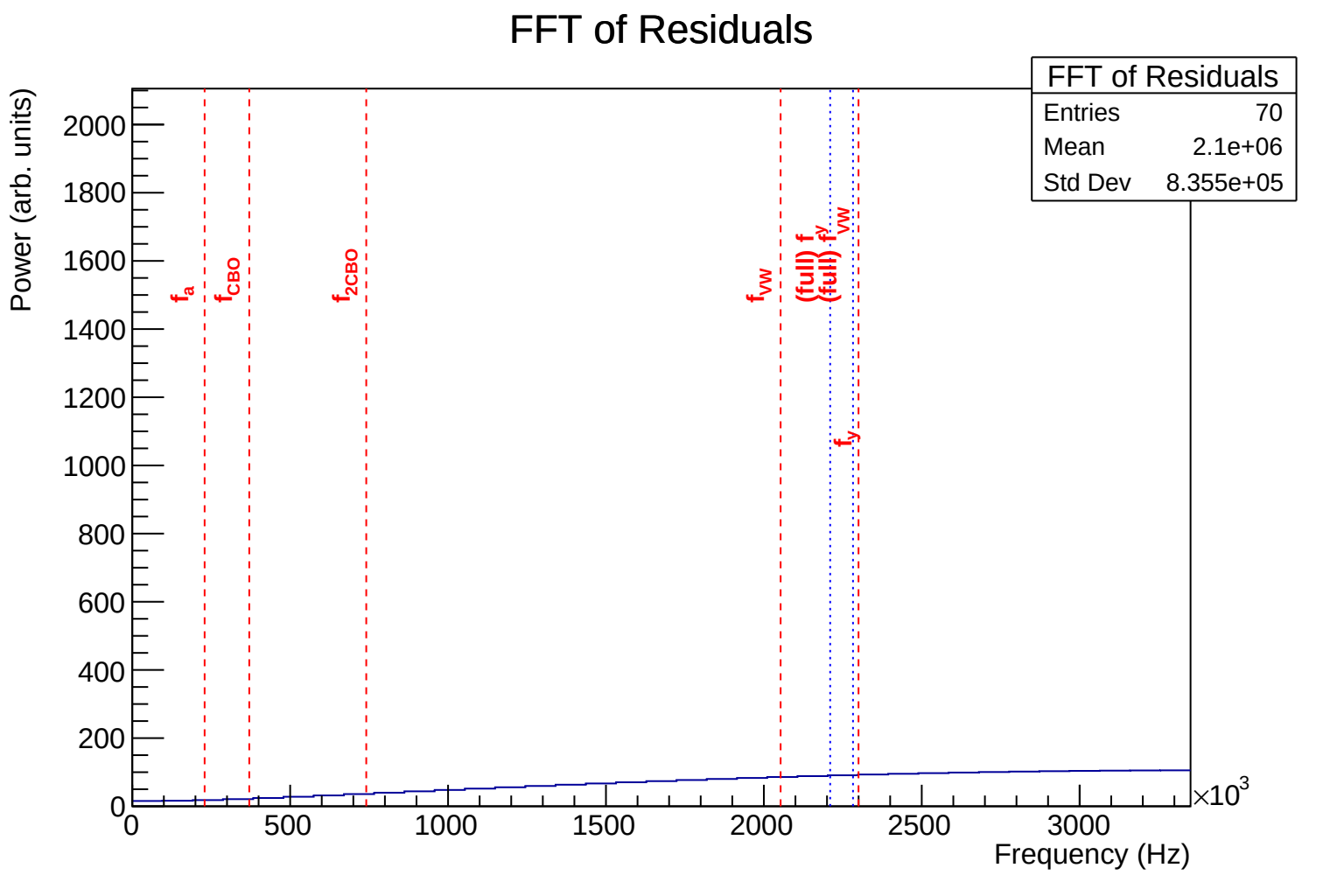

windowDat
windowDat
Entries 70
Mean 296.5
Std Dev 3.008
50000
45000
40000
35000
30000
25000
292
294
296
298
300

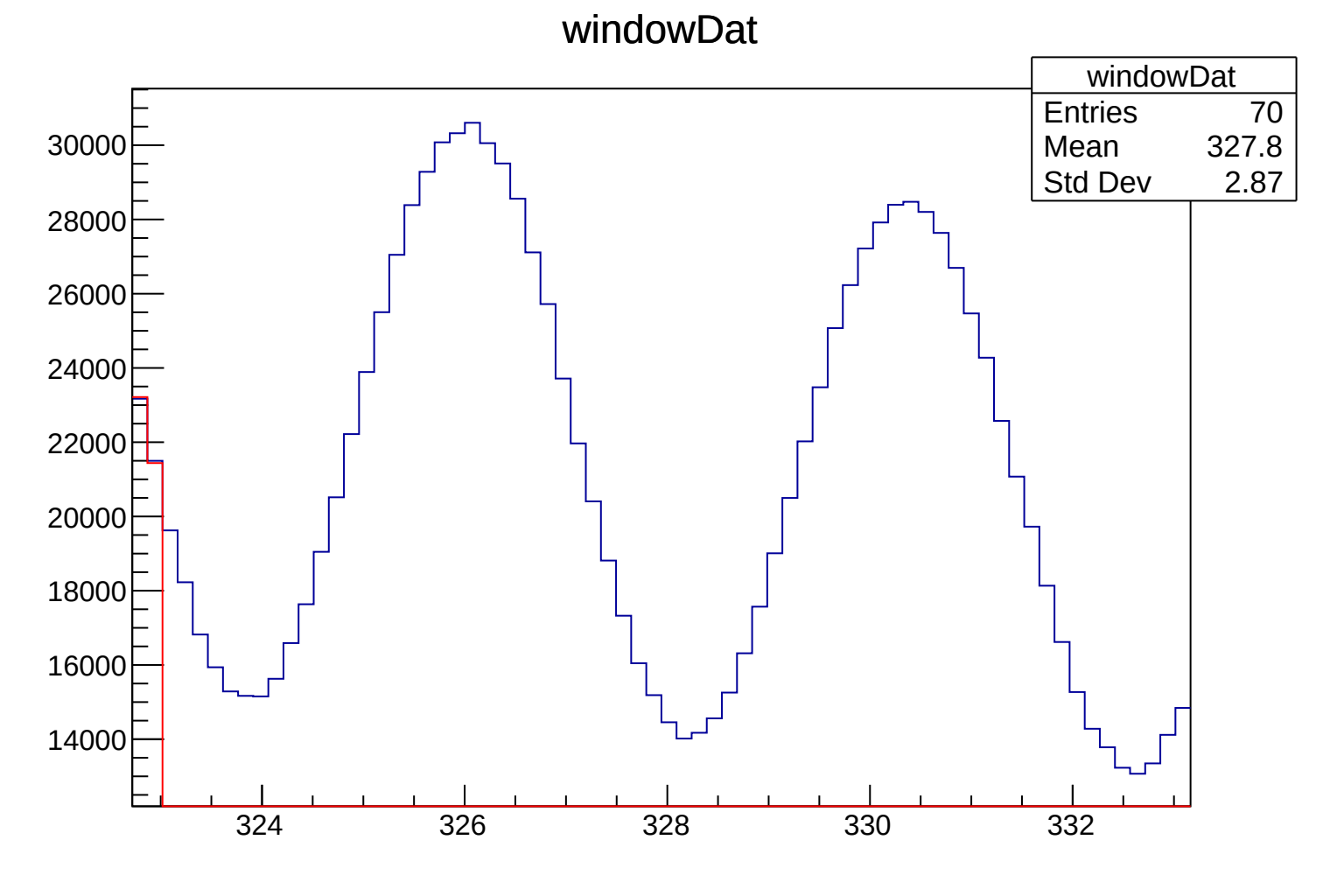

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.346e+06
Std Dev 8.688e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

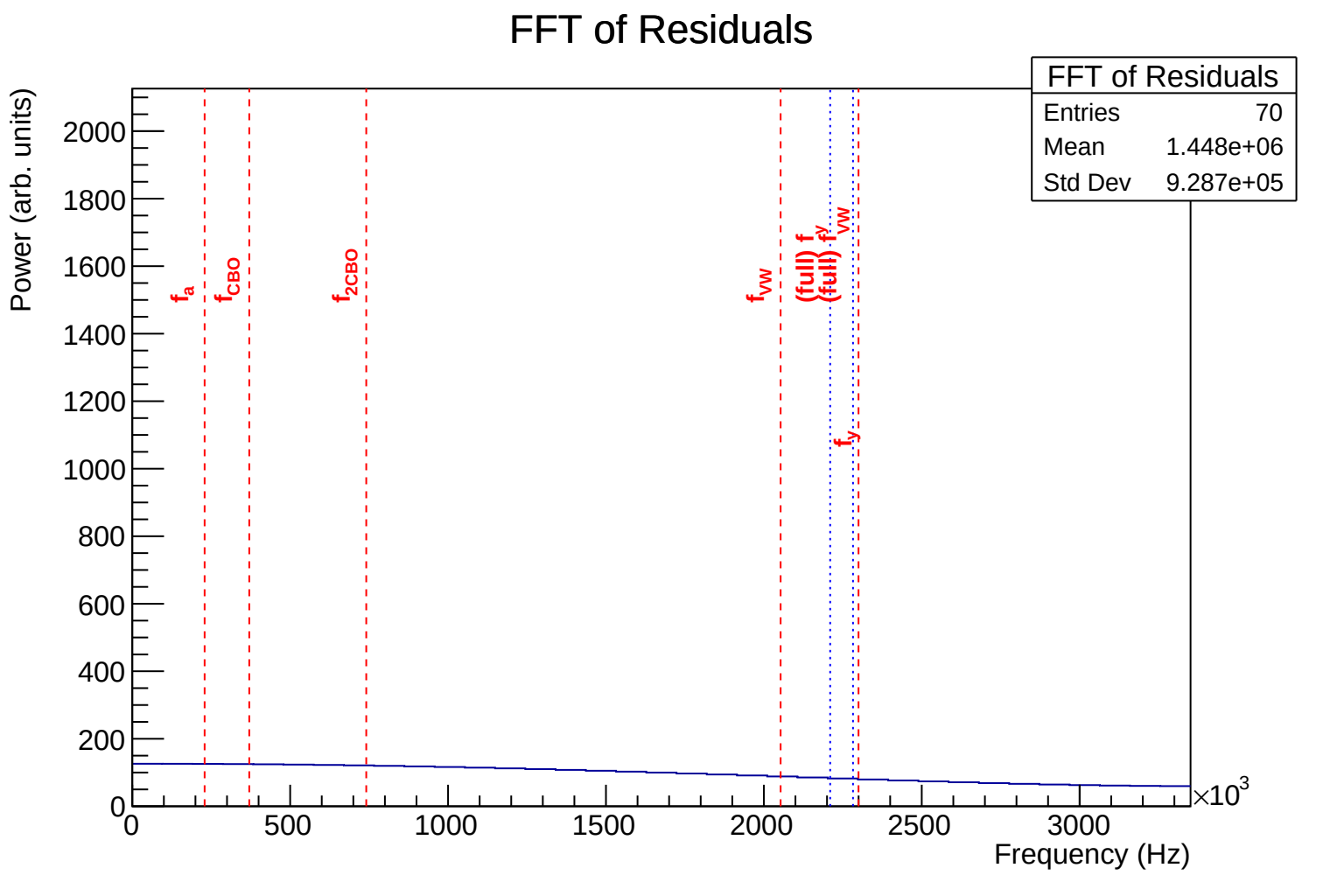

windowDat
windowDat
Entries 70
Mean 306.9
Std Dev 2.896
40000
35000
30000
25000
20000
302
304
306
308
310
312

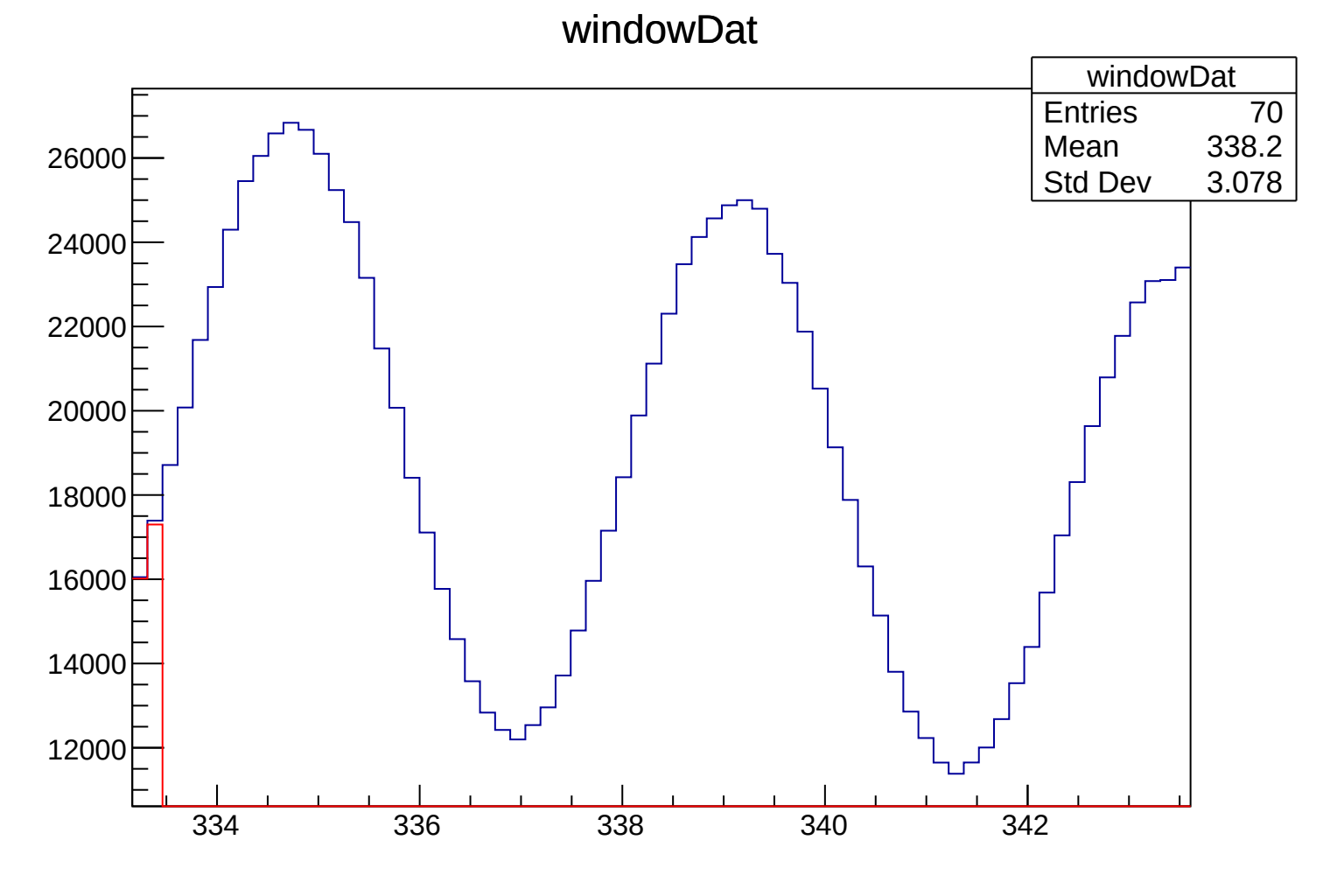

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.586e+06
Std Dev 9.608e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-f_VW
f_y
0
500
1000
1500
2000
2500
3000
200
400
600
800
1000
1200
1400
1600
1800
2000
2200

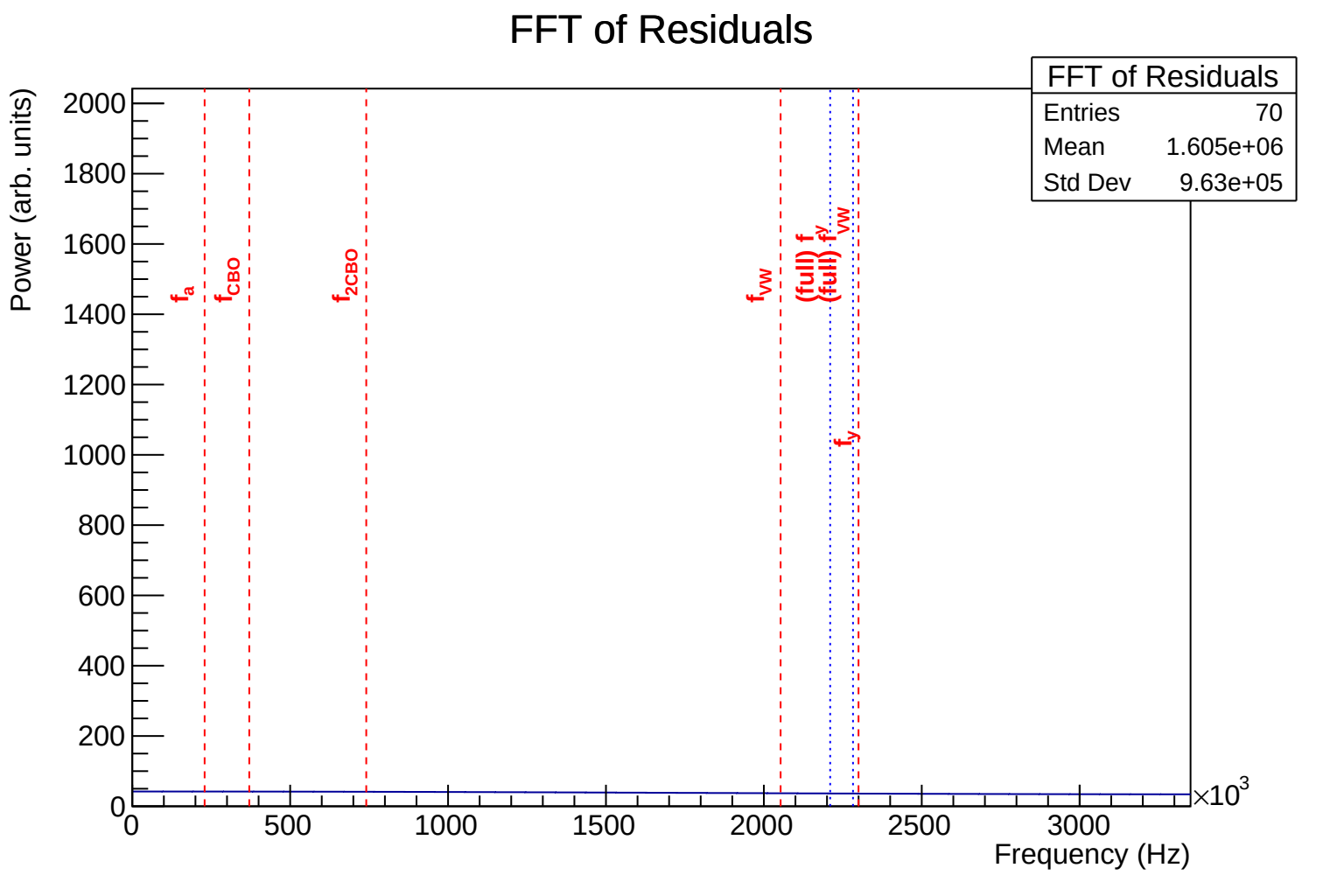

windowDat
windowDat
Entries 70
Mean 317.4
Std Dev 3.145
38000
36000
34000
32000
30000
28000
26000
24000
22000
20000
18000
16000
314
316
318
320
322

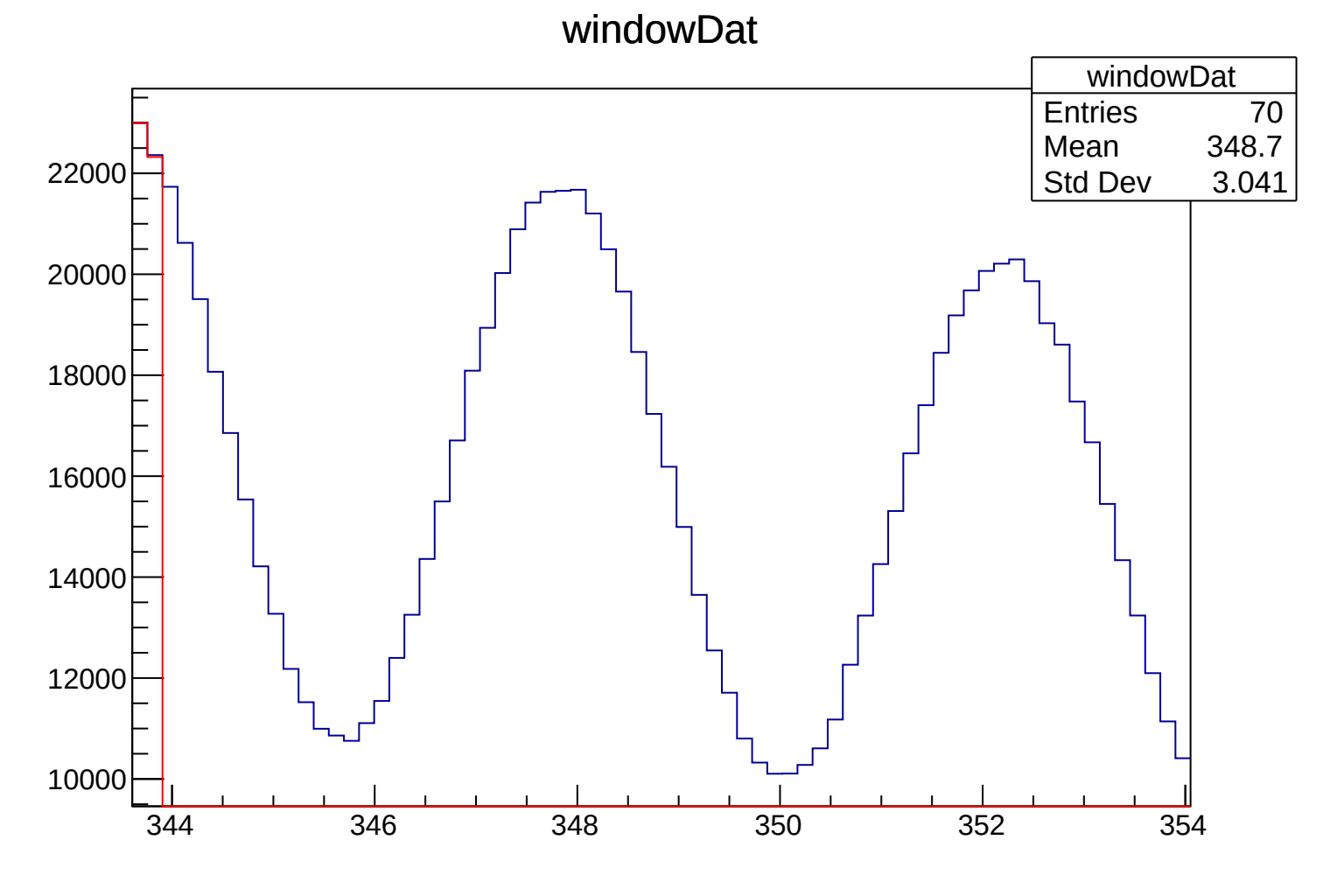

FFT of Residuals
FFT of Residuals
Entries 70
Mean 2.1e+06
Std Dev 8.355e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

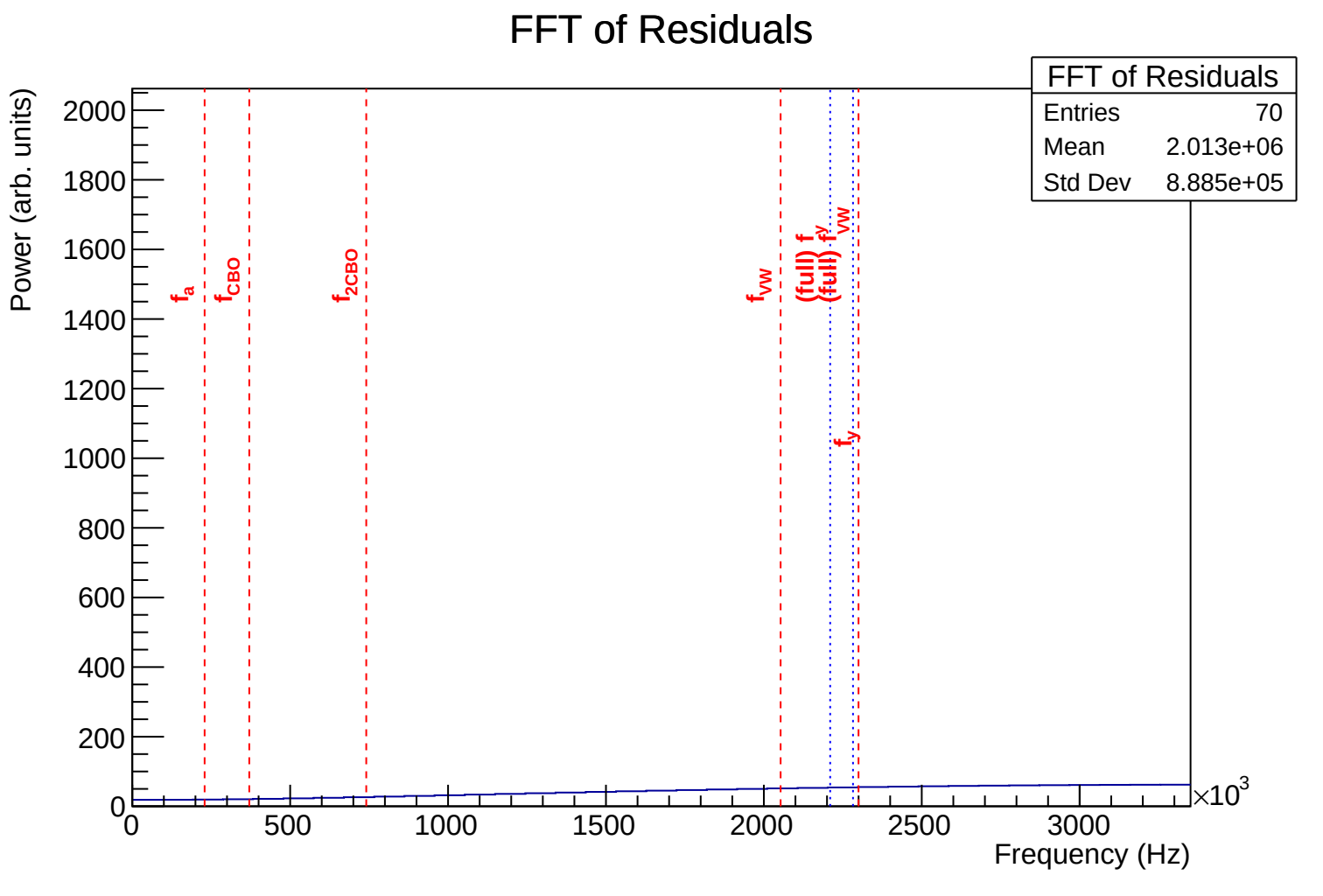

windowDat
windowDat
Entries 70
Mean 327.8
Std Dev 2.87
30000
28000
26000
24000
22000
20000
18000
16000
14000
324
326
328
330
332


FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.448e+06
Std Dev 9.287e+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
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

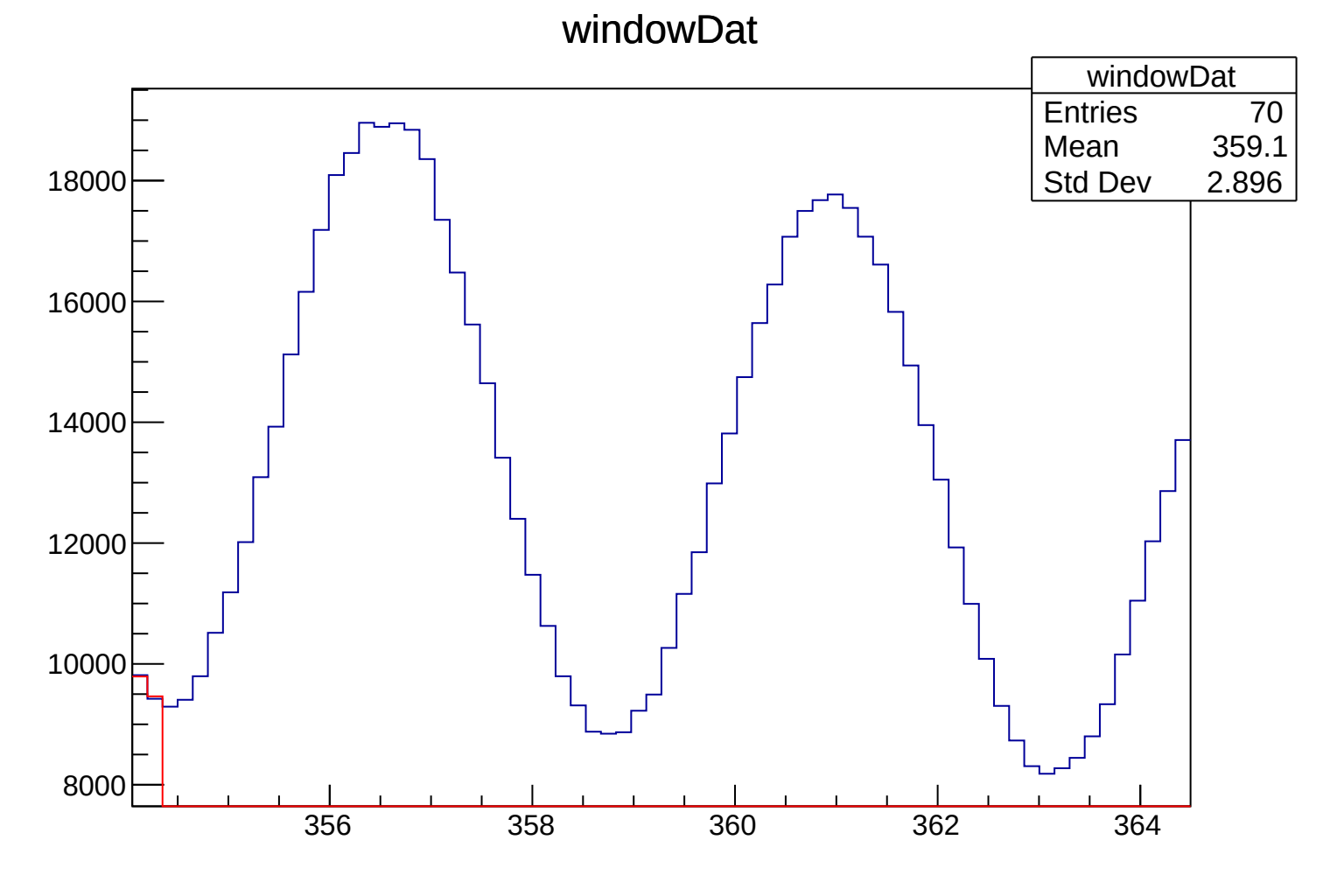

windowDat
windowDat
Entries 70
Mean 338.2
Std Dev 3.078
26000
24000
22000
20000
18000
16000
14000
12000
334
336
338
340
342

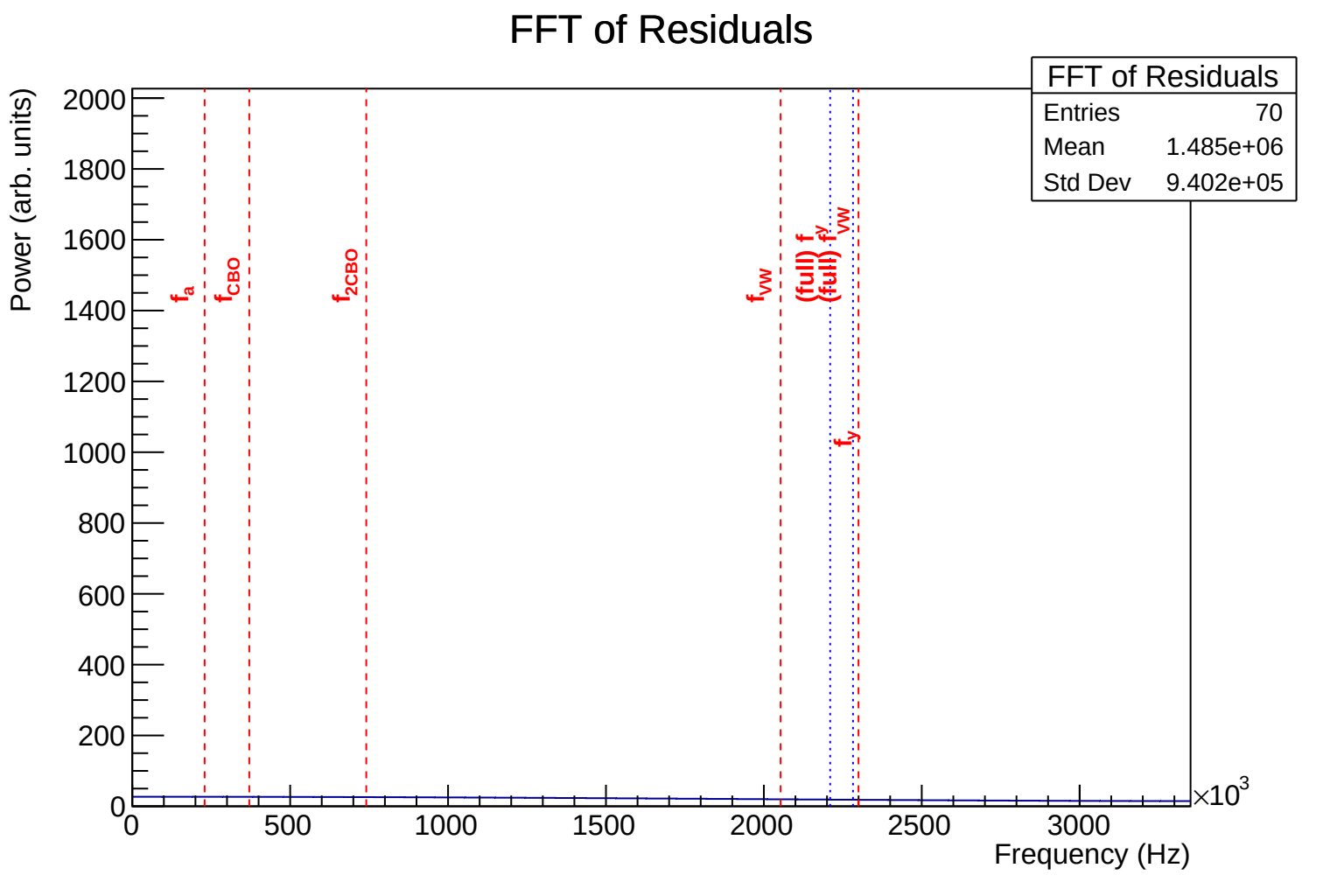

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.605e+06
Std Dev 9.63e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨f⟩ (full)
f_y (full)
f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

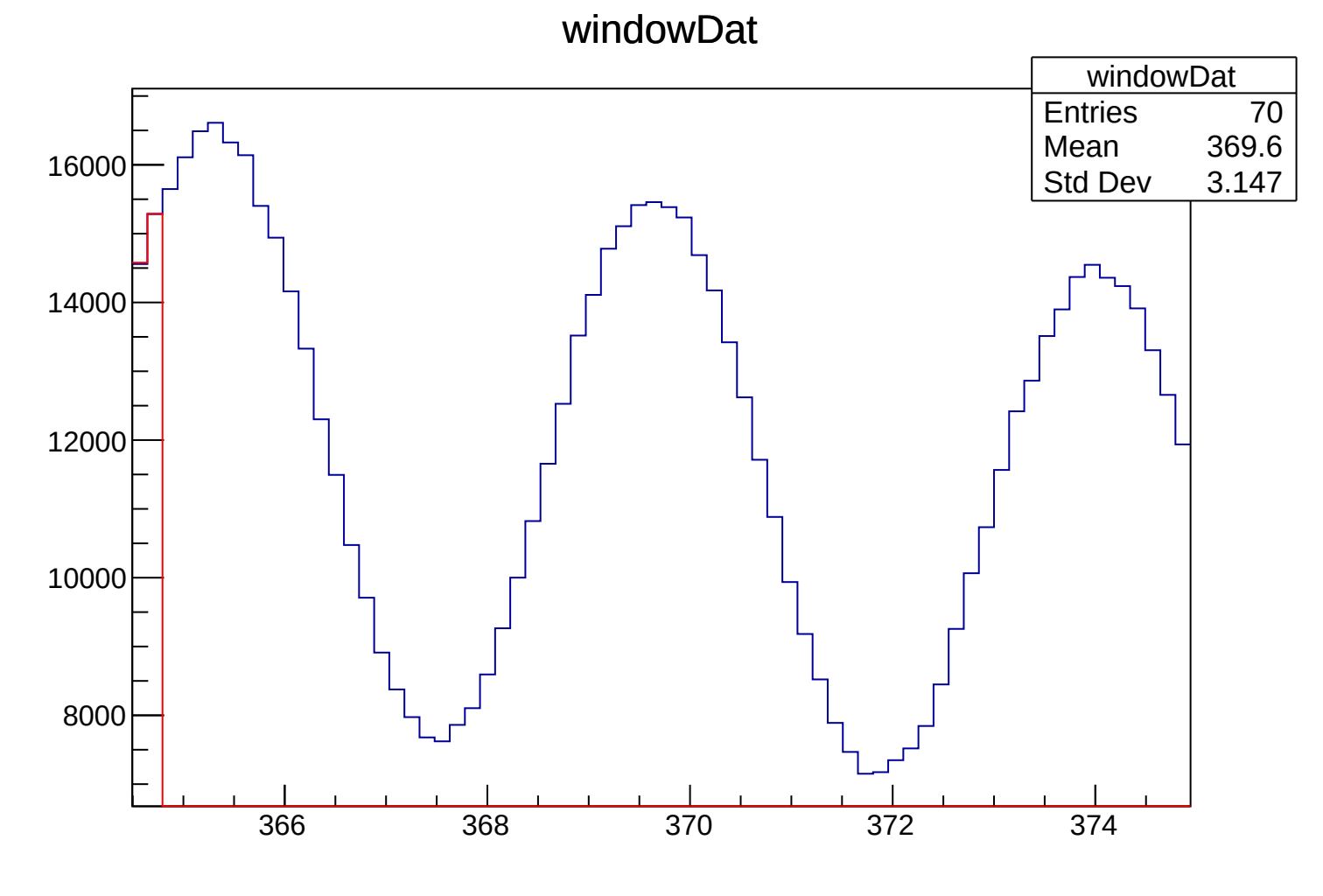

windowDat
windowDat
Entries 70
Mean 348.7
Std Dev 3.041
22000
20000
18000
16000
14000
12000
10000
344
346
348
350
352
354

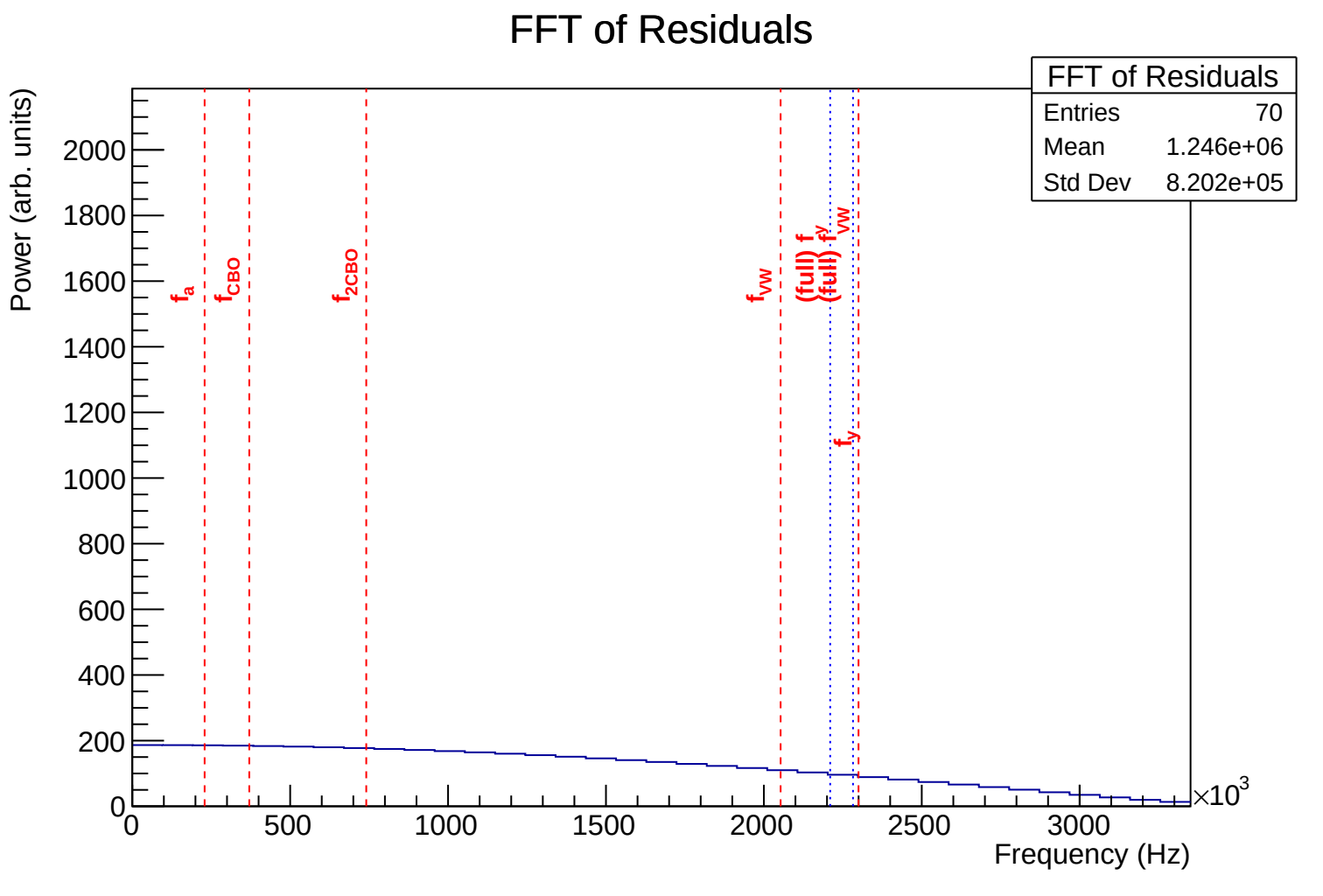


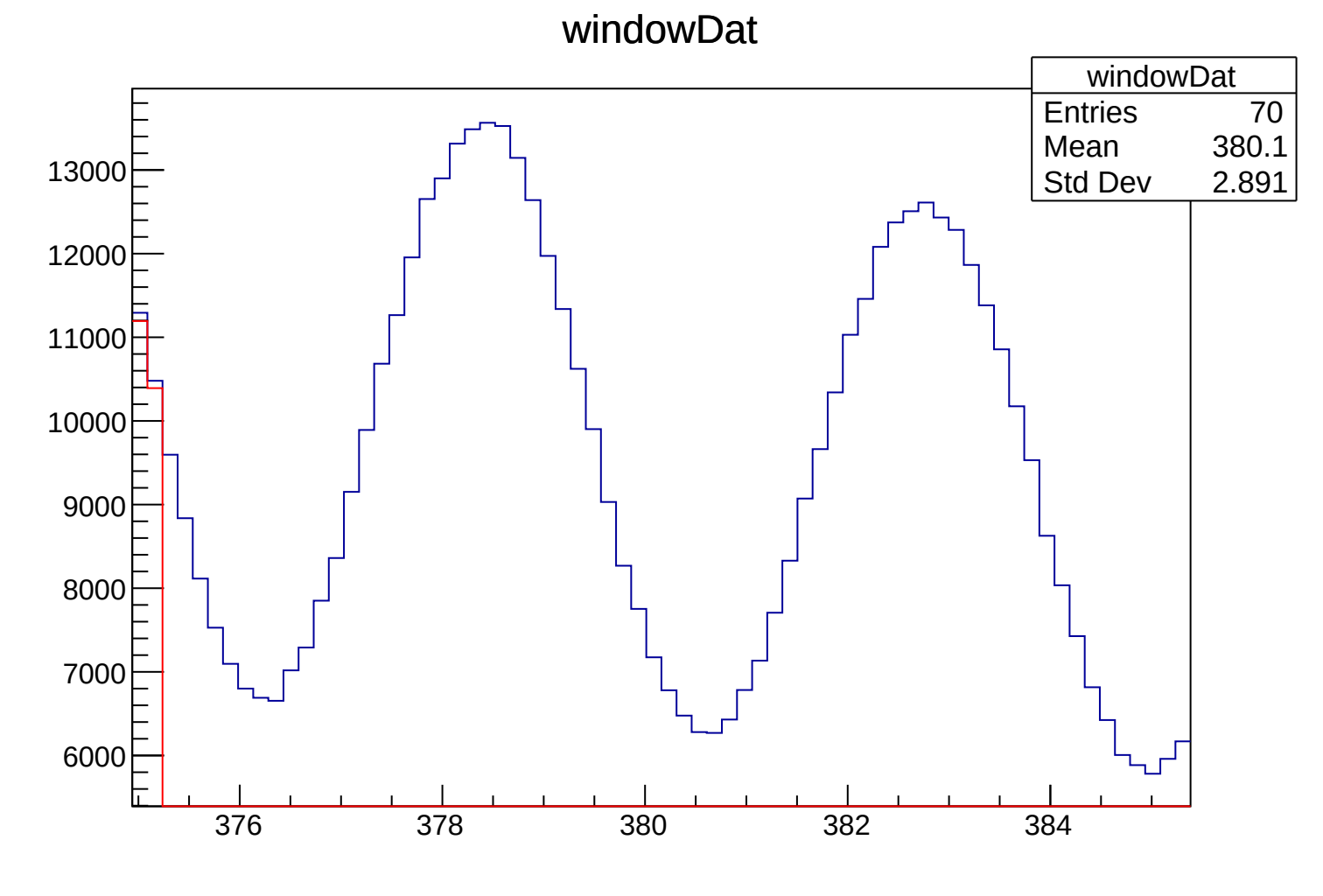
FFT of Residuals
FFT of Residuals
Entries 70
Mean 2.013e+06
Std Dev 8.885e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

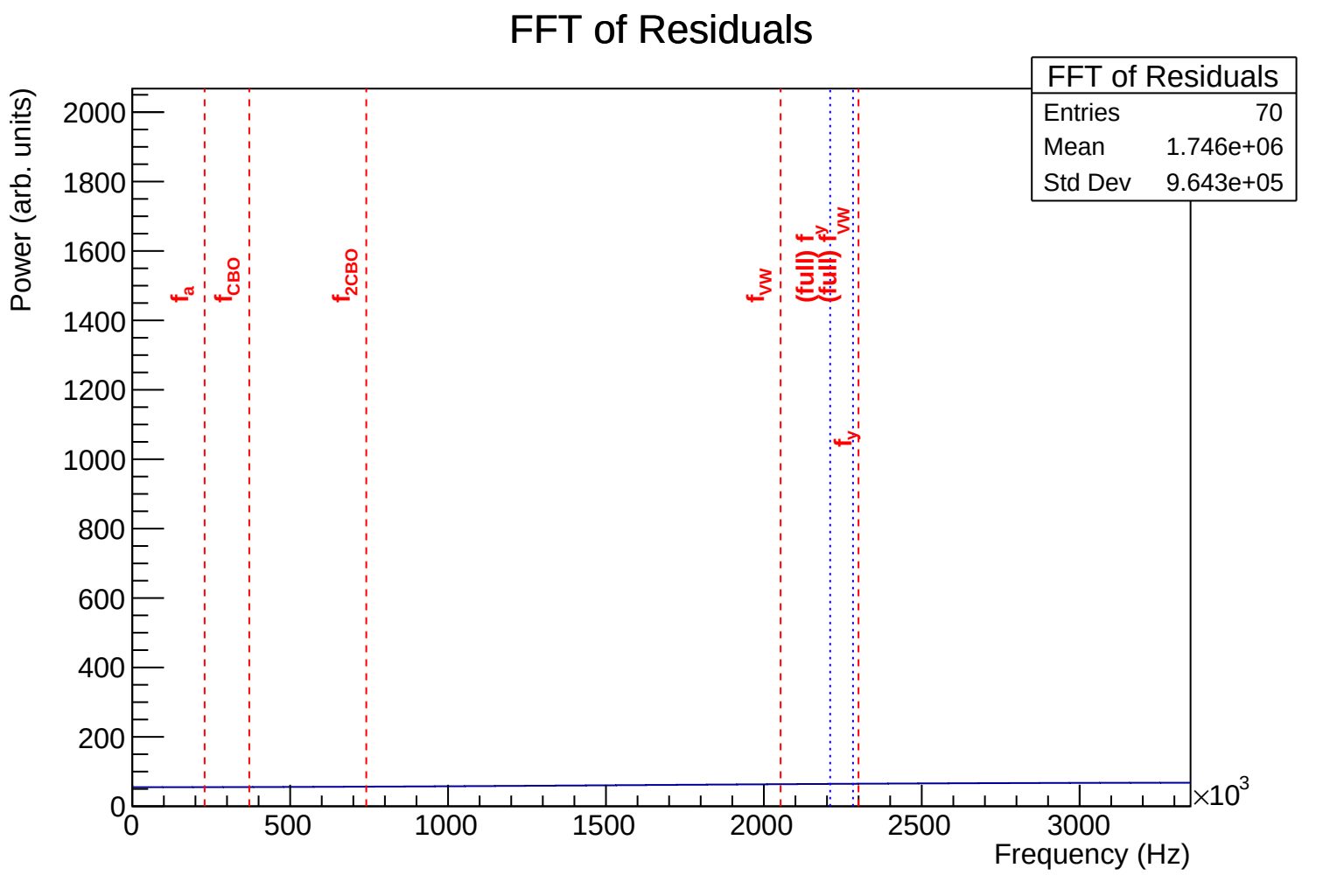

windowDat
windowDat
Entries 70
Mean 359.1
Std Dev 2.896
18000
16000
14000
12000
10000
8000
356
358
360
362
364

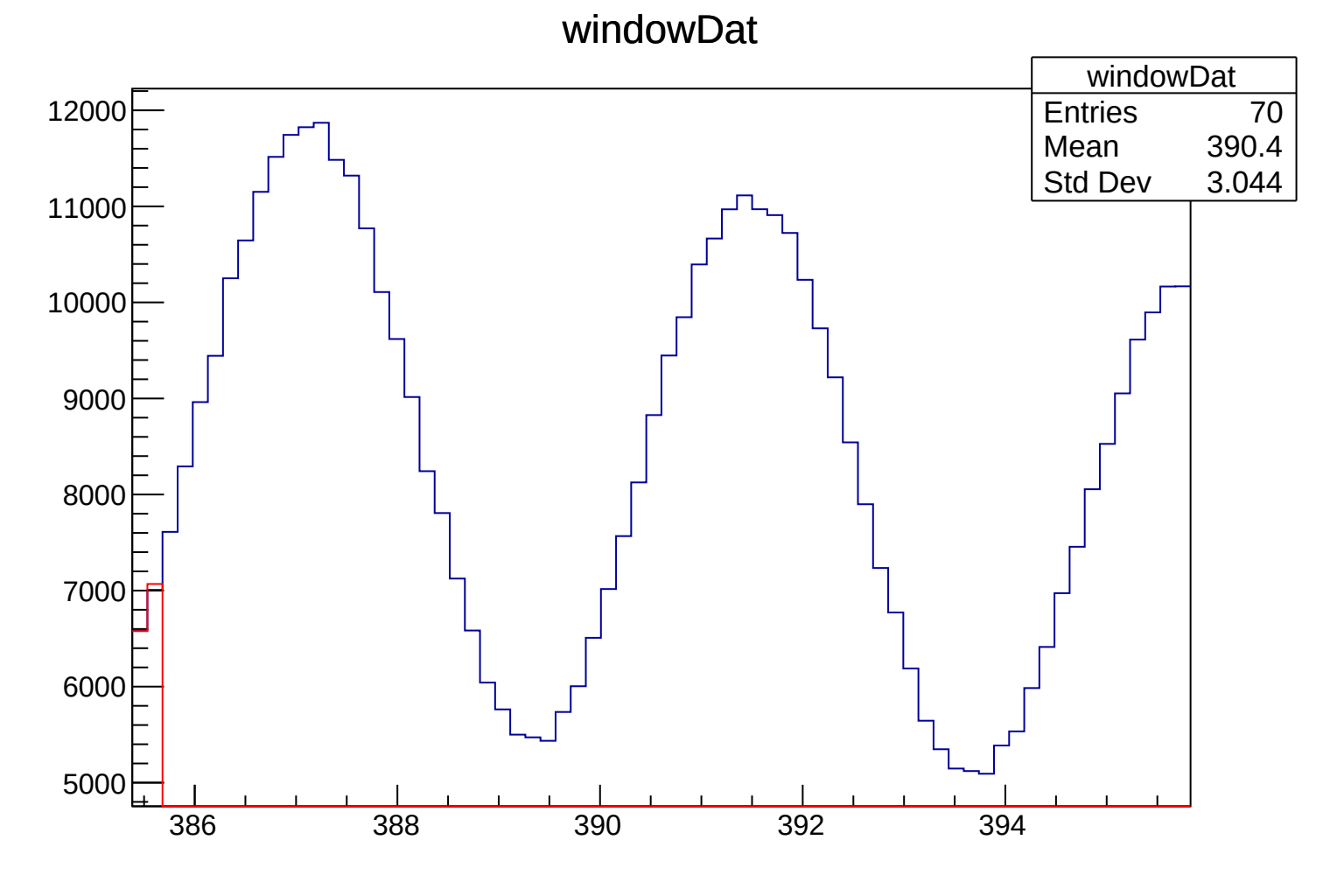

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.485e+06
Std Dev 9.402e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

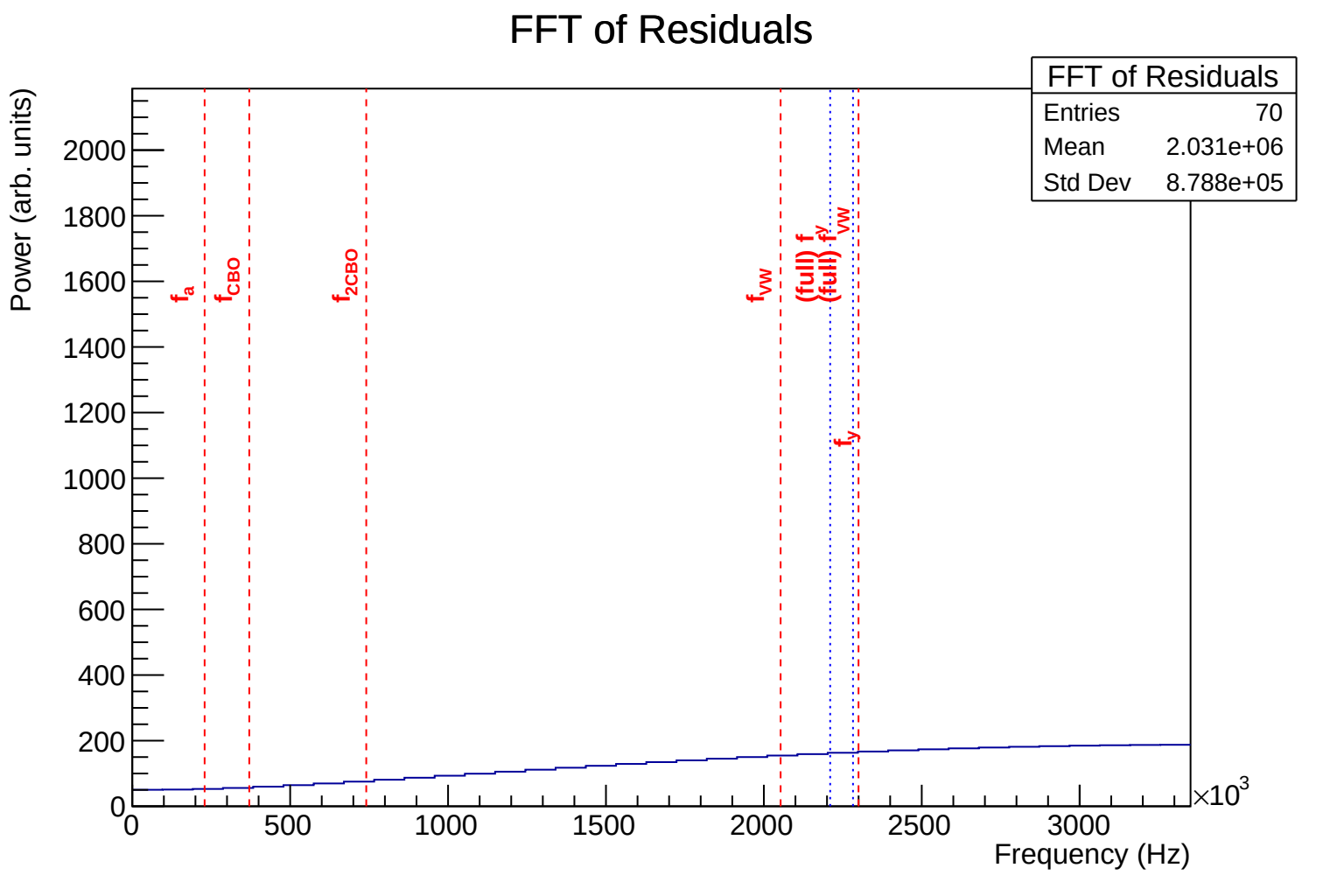

windowDat
windowDat
Entries 70
Mean 369.6
Std Dev 3.147
16000
14000
12000
10000
8000
366
368
370
372
374

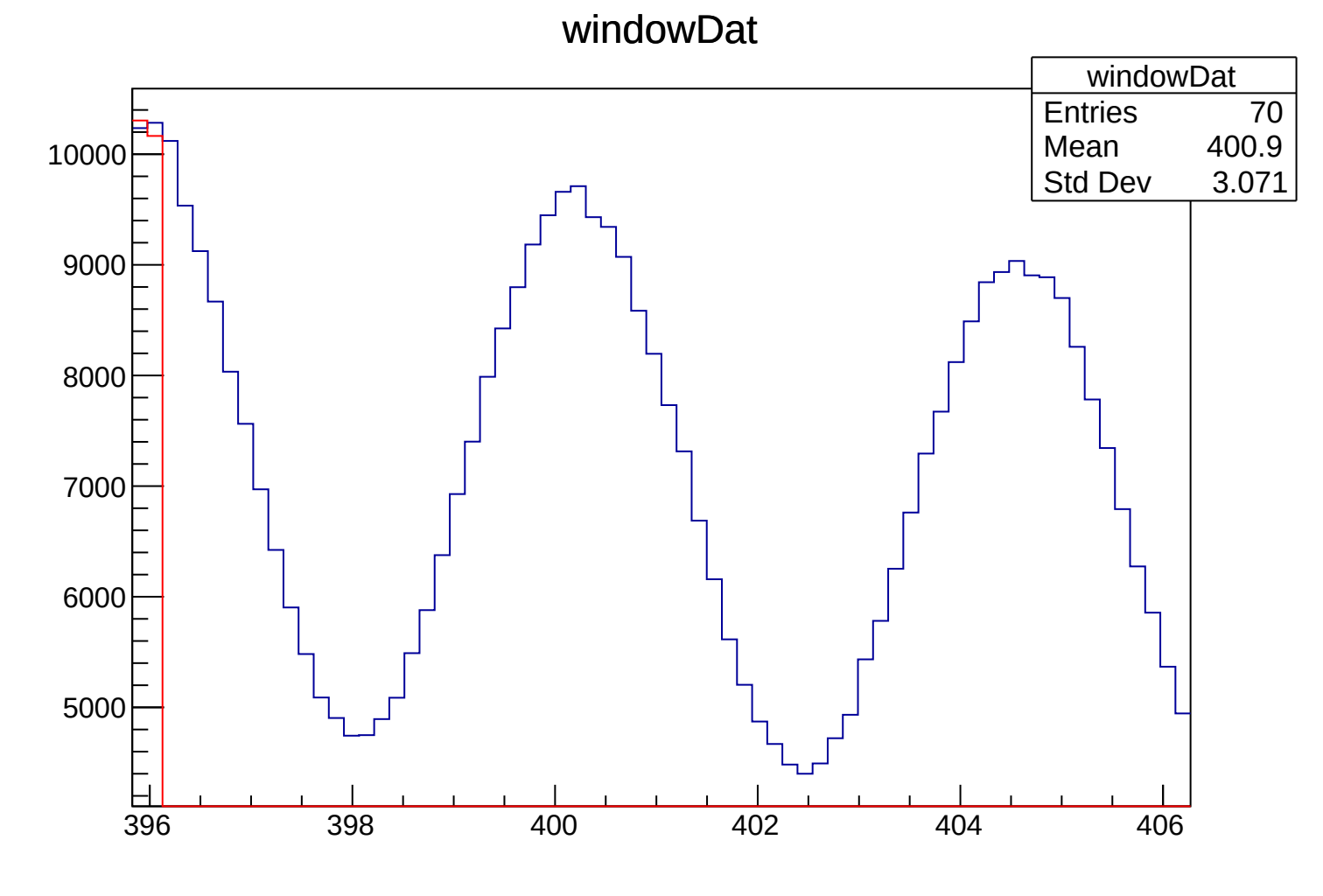

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.246e+06
Std Dev 8.202e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

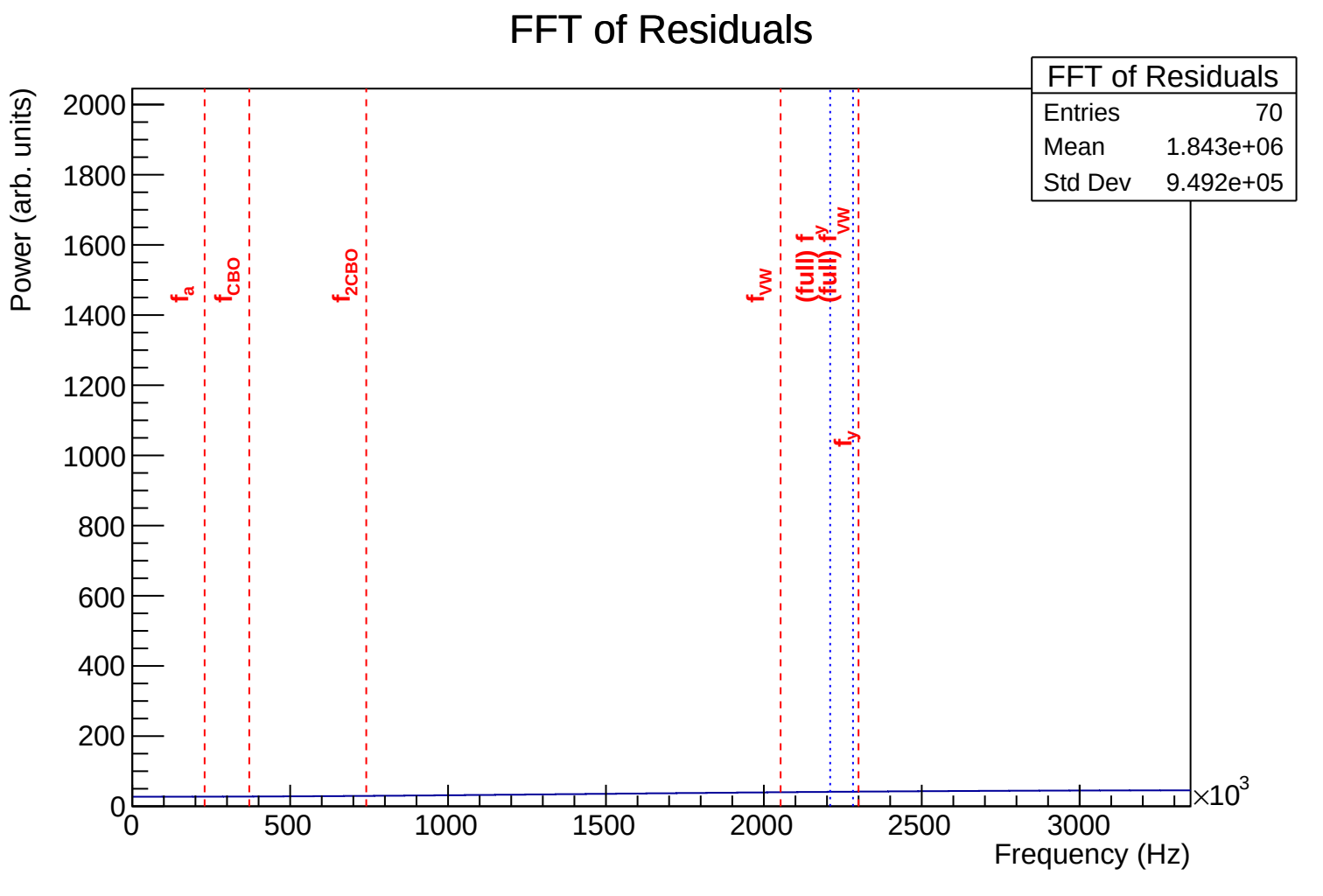

windowDat
windowDat
Entries 70
Mean 380.1
Std Dev 2.891
13000
12000
11000
10000
9000
8000
7000
6000
376
378
380
382
384

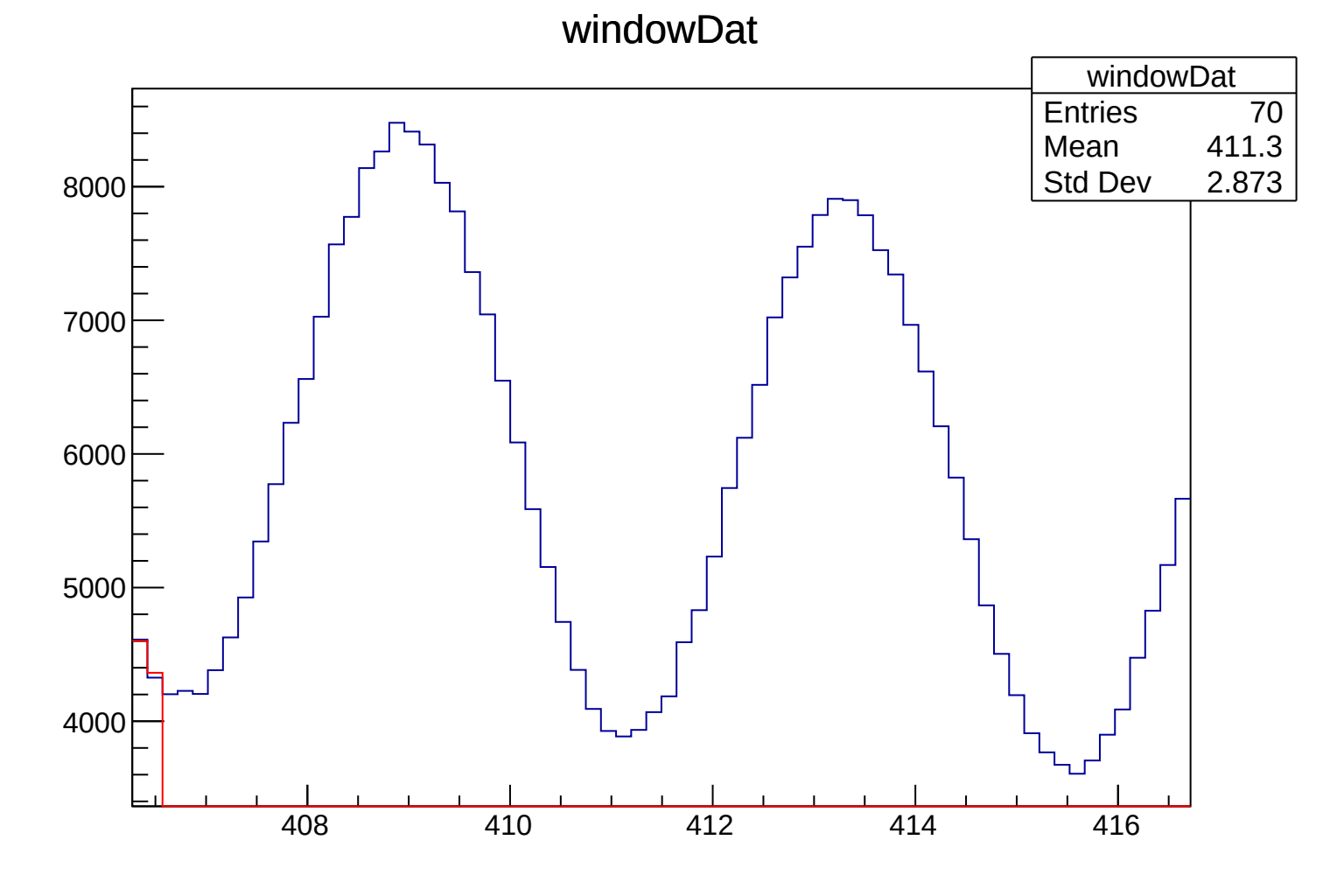

FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.746e+06
Std Dev 9.643e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000

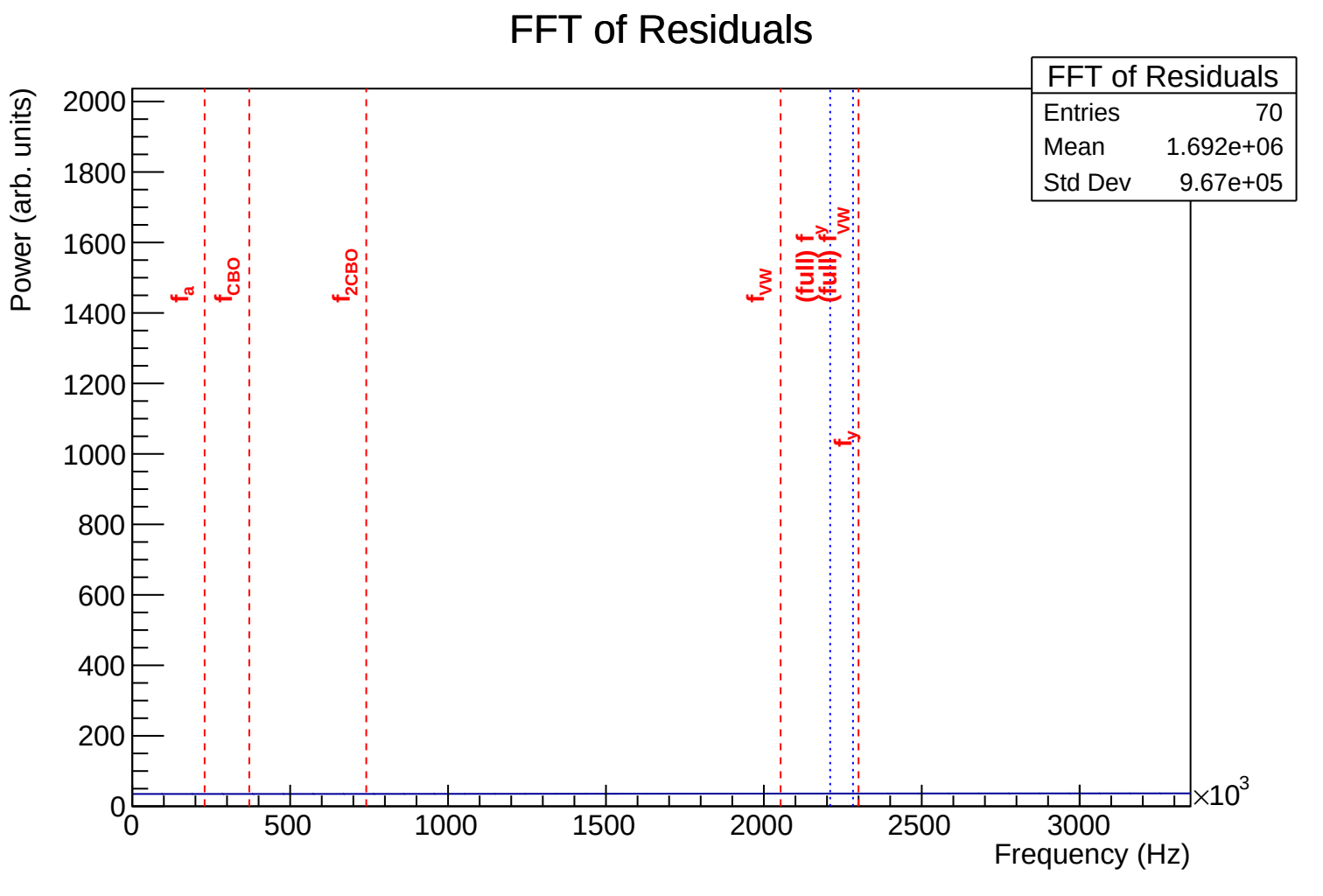

windowDat
windowDat
Entries 70
Mean 390.4
Std Dev 3.044
12000
11000
10000
9000
8000
7000
6000
5000
386
388
390
392
394

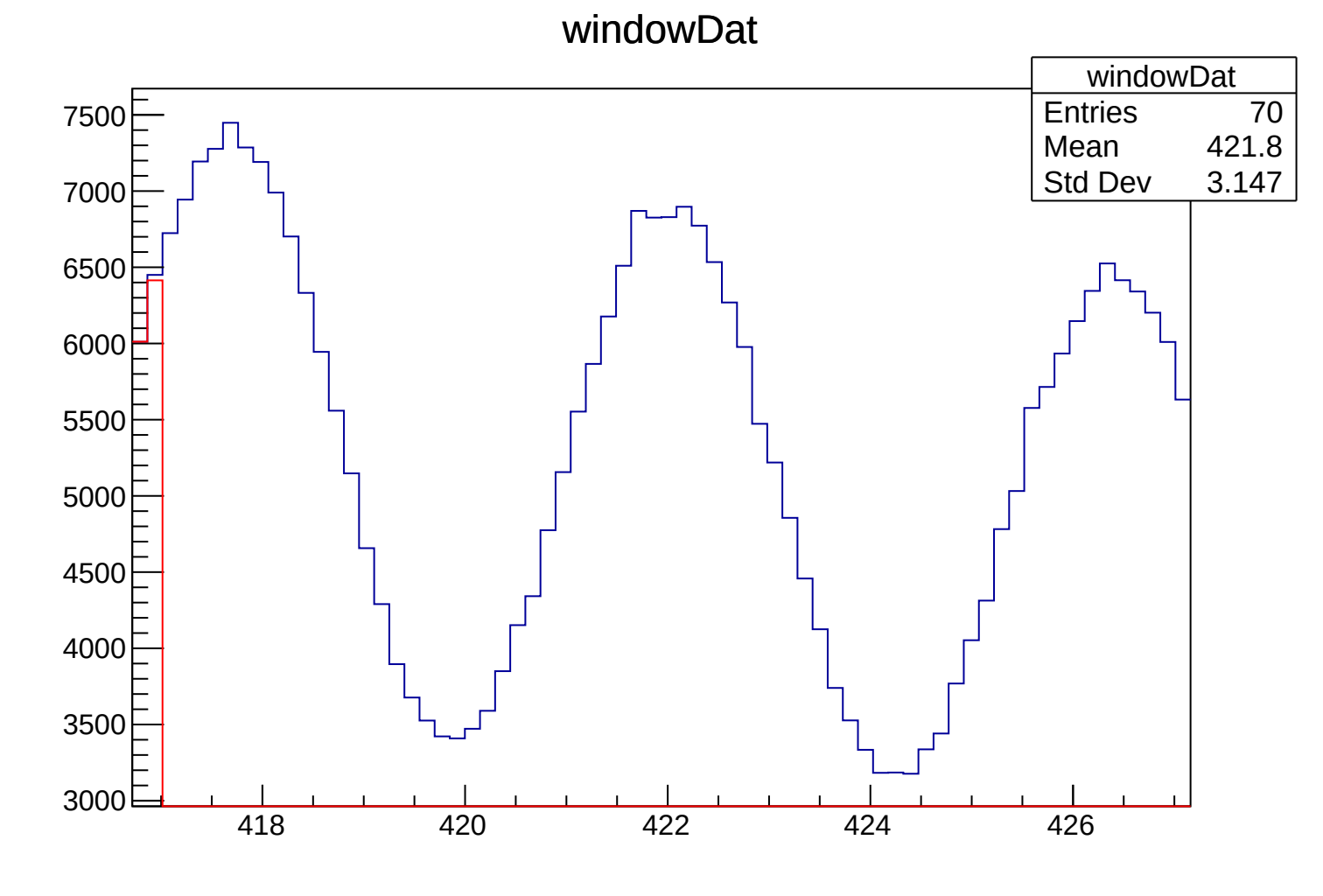

FFT of Residuals
FFT of Residuals
Entries 70
Mean 2.031e+06
Std Dev 8.788e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f_y
⟨full⟩ f_VW
f_y


windowDat
windowDat
Entries 70
Mean 400.9
Std Dev 3.071
10000
9000
8000
7000
6000
5000
396
398
400
402
404
406


FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.843e+06
Std Dev 9.492e+05
Power (arb. units)
Frequency (Hz)
$\times 10^3$
f_a
f_{CBO}
f_{2CBO}
f_{VW}
$f_{(full)}$
$f_{(full)}$
f_y
f_{VW}
f_y


windowDat
windowDat
Entries 70
Mean 411.3
Std Dev 2.873
8000
7000
6000
5000
4000
408
410
412
414
416


FFT of Residuals
FFT of Residuals
Entries 70
Mean 1.692e+06
Std Dev 9.67e+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
200
400
600
800
1000
1200
1400
1600
1800
2000
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 70
Mean 421.8
Std Dev 3.147
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
418
420
422
424
426