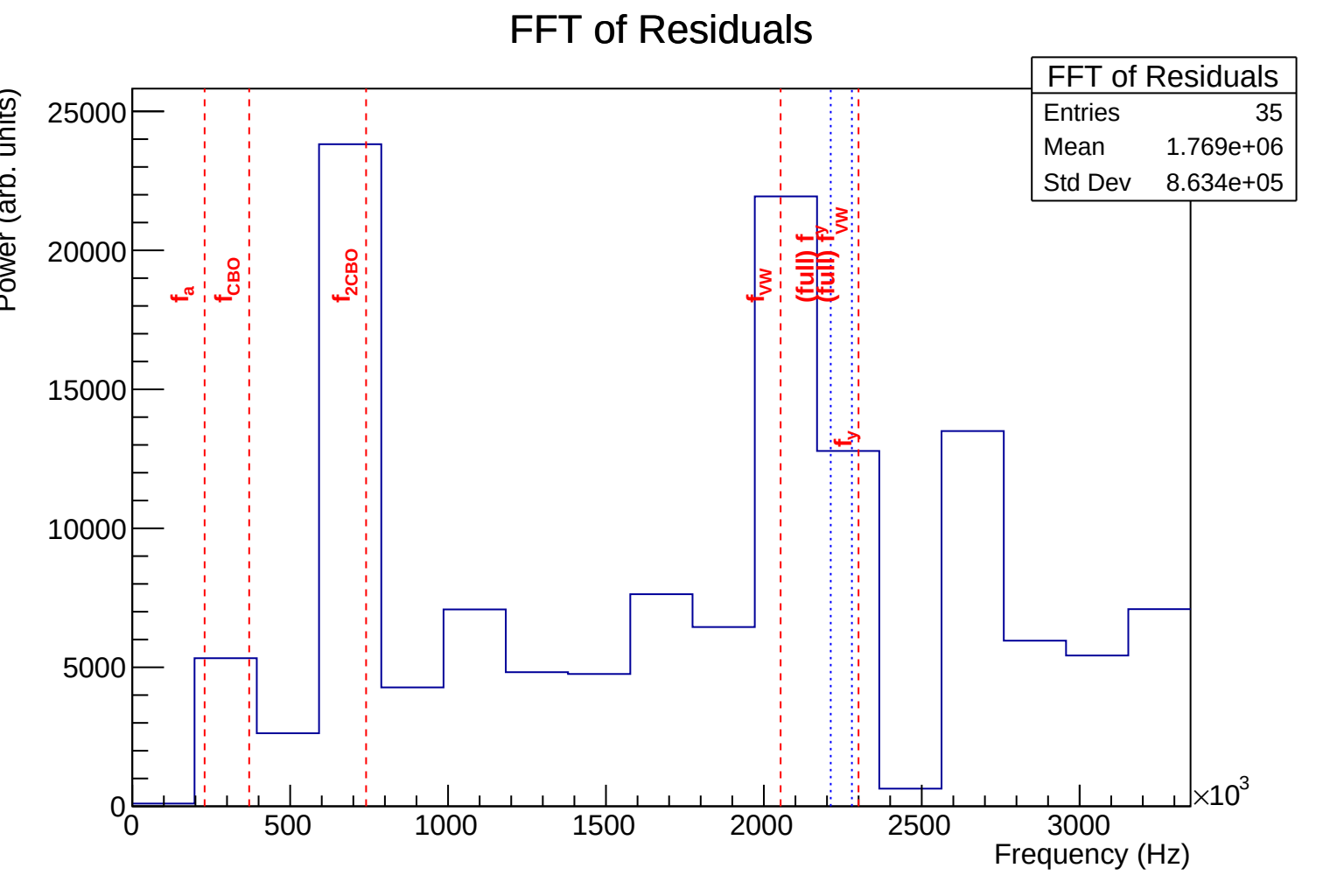
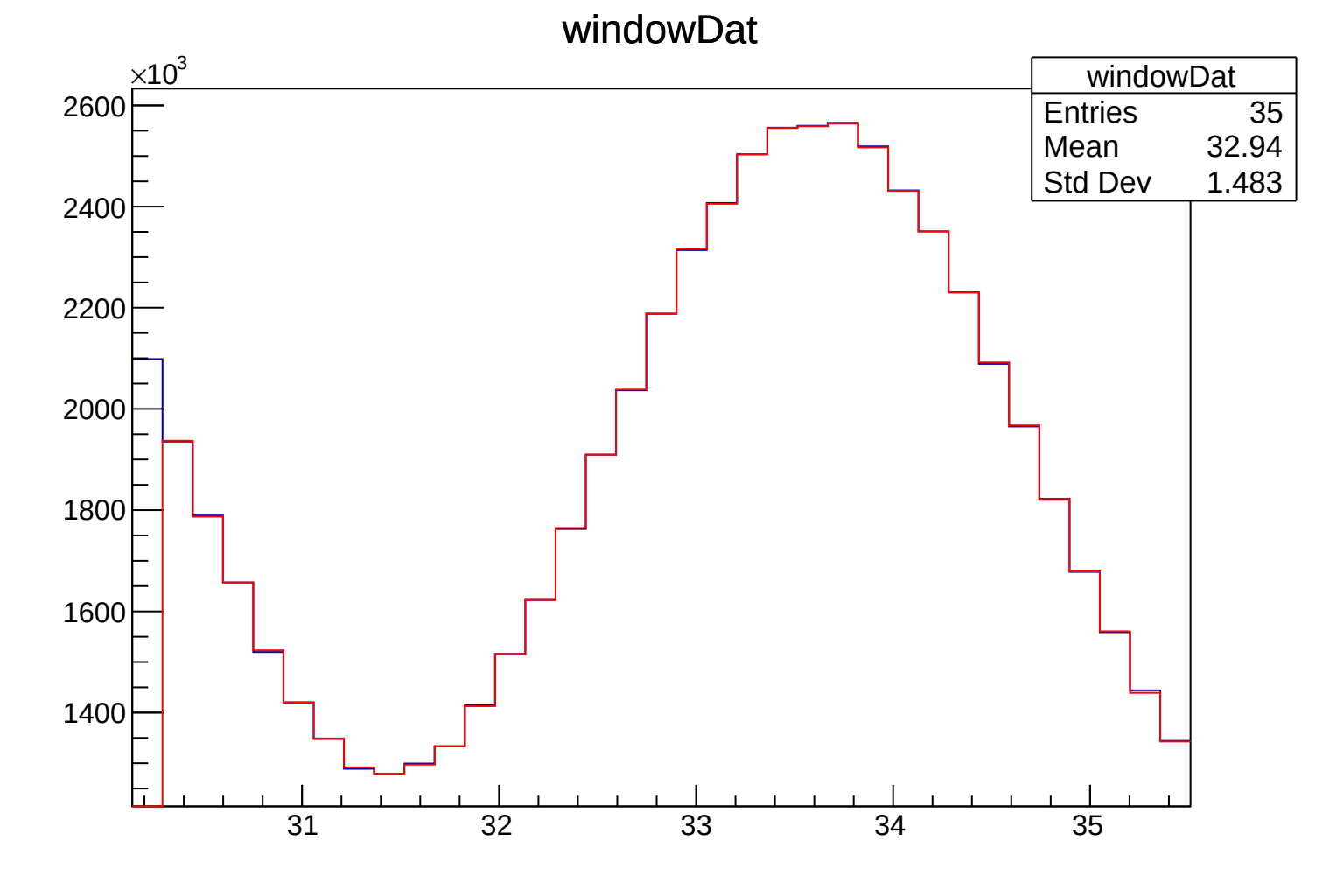
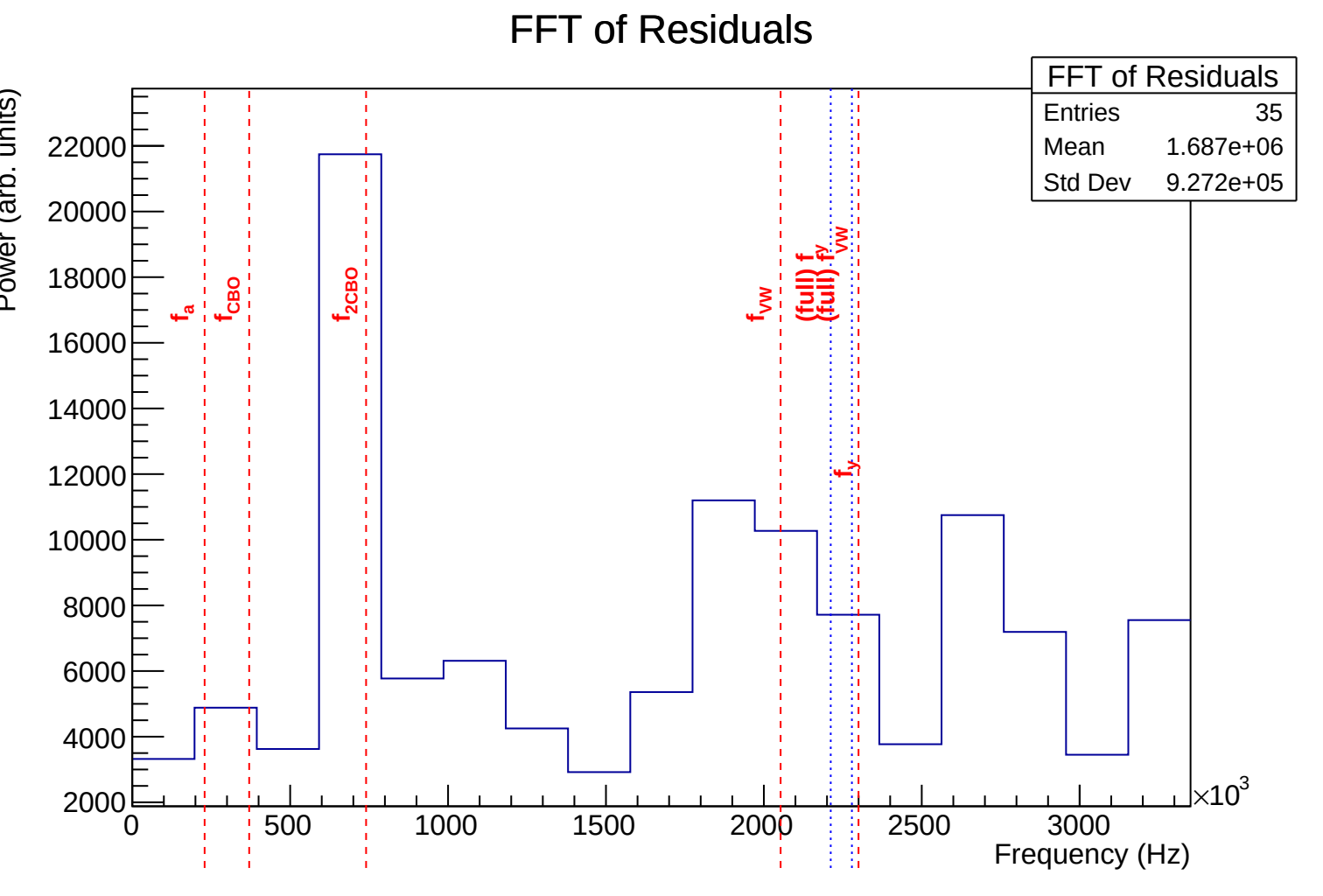
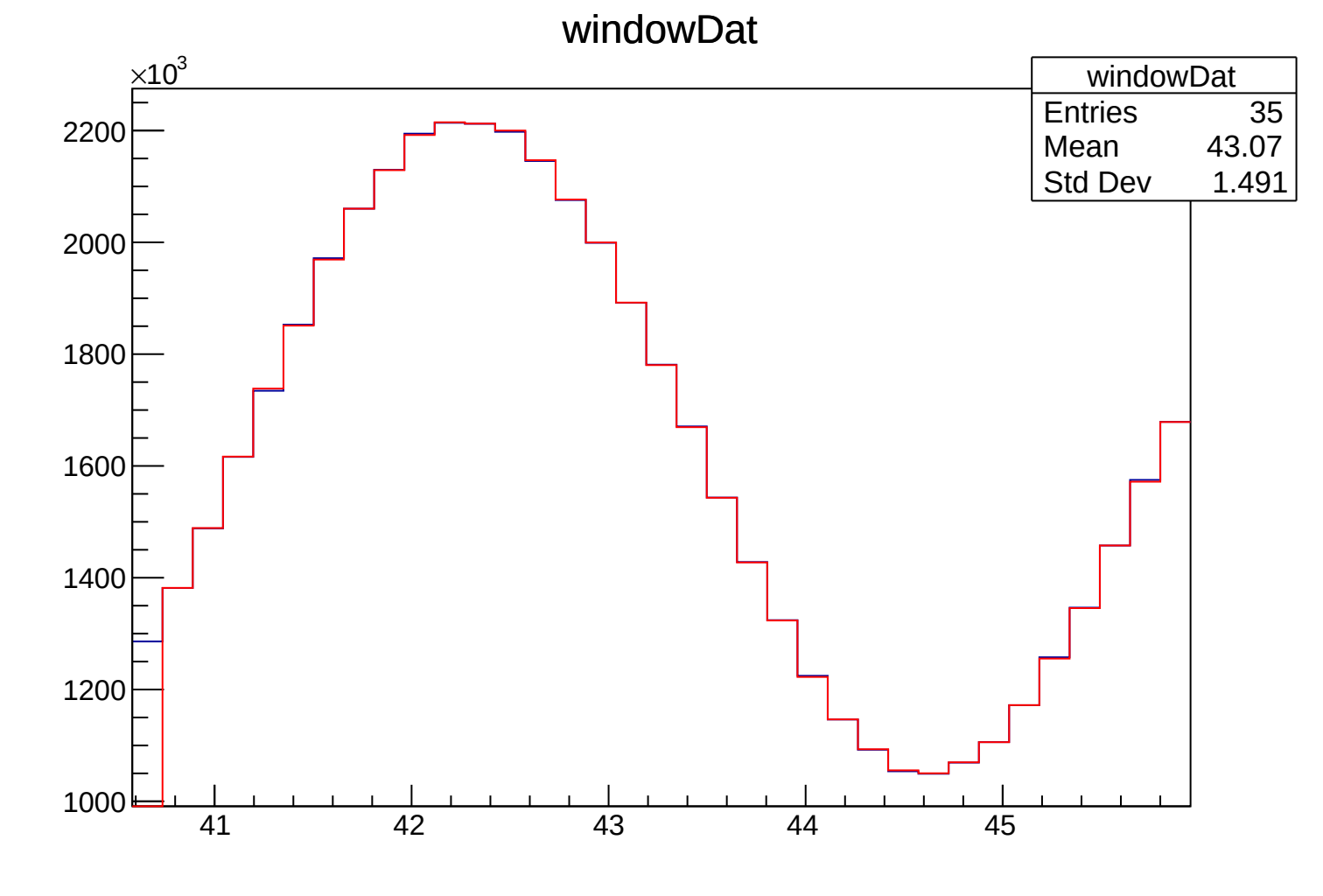
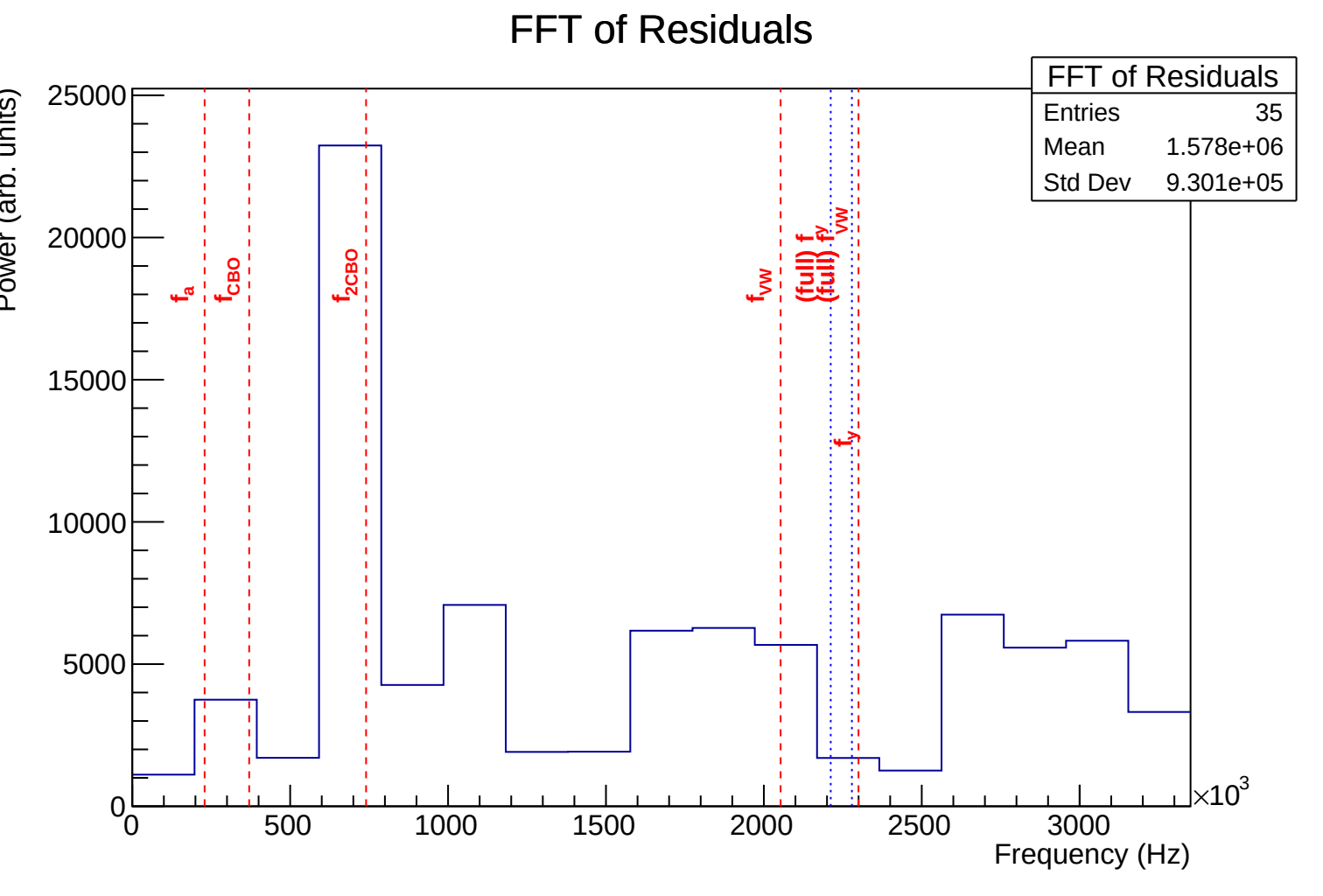
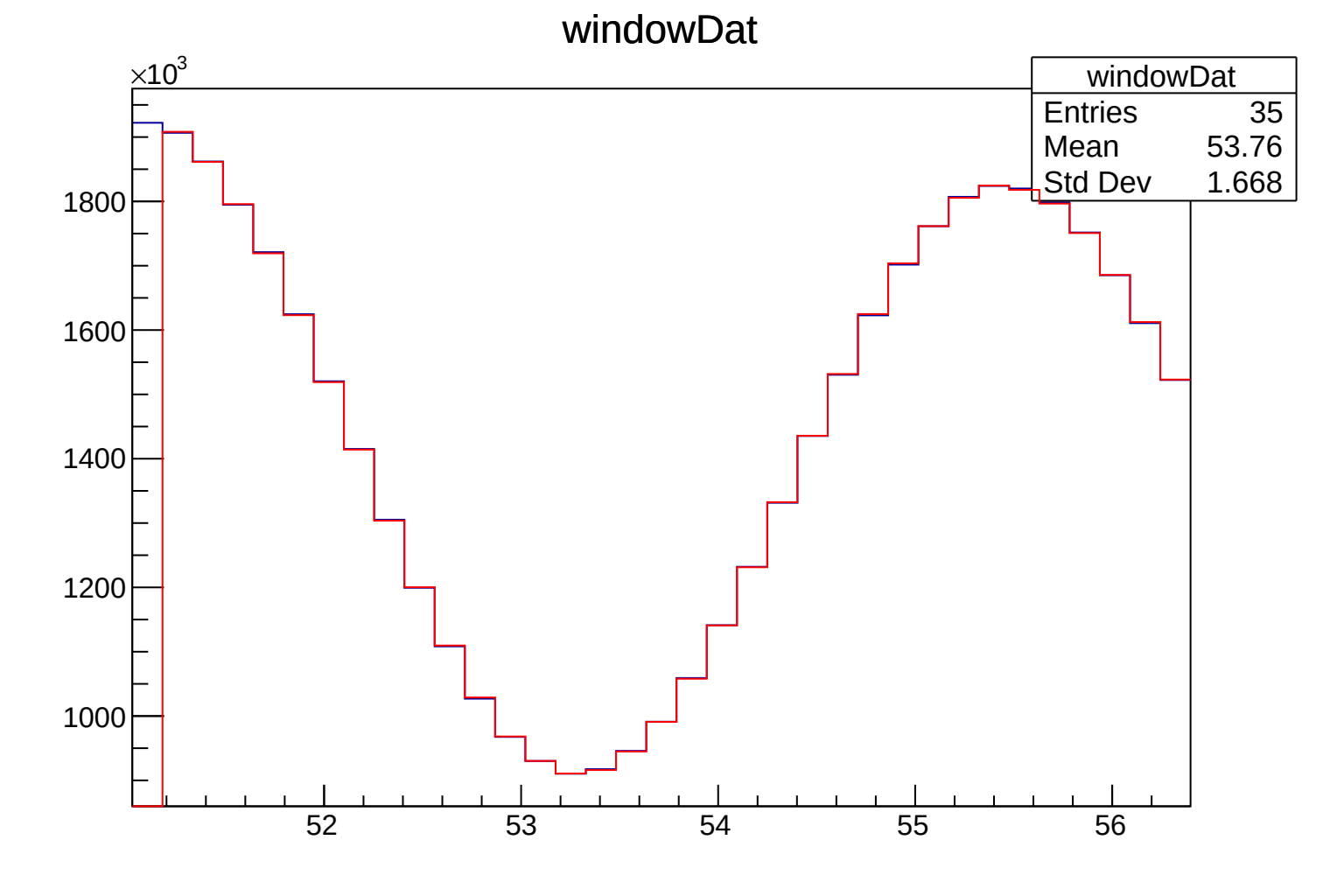

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.769e+06
Std Dev 8.634e+05
Power (arb. units)
25000
20000
15000
10000
5000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

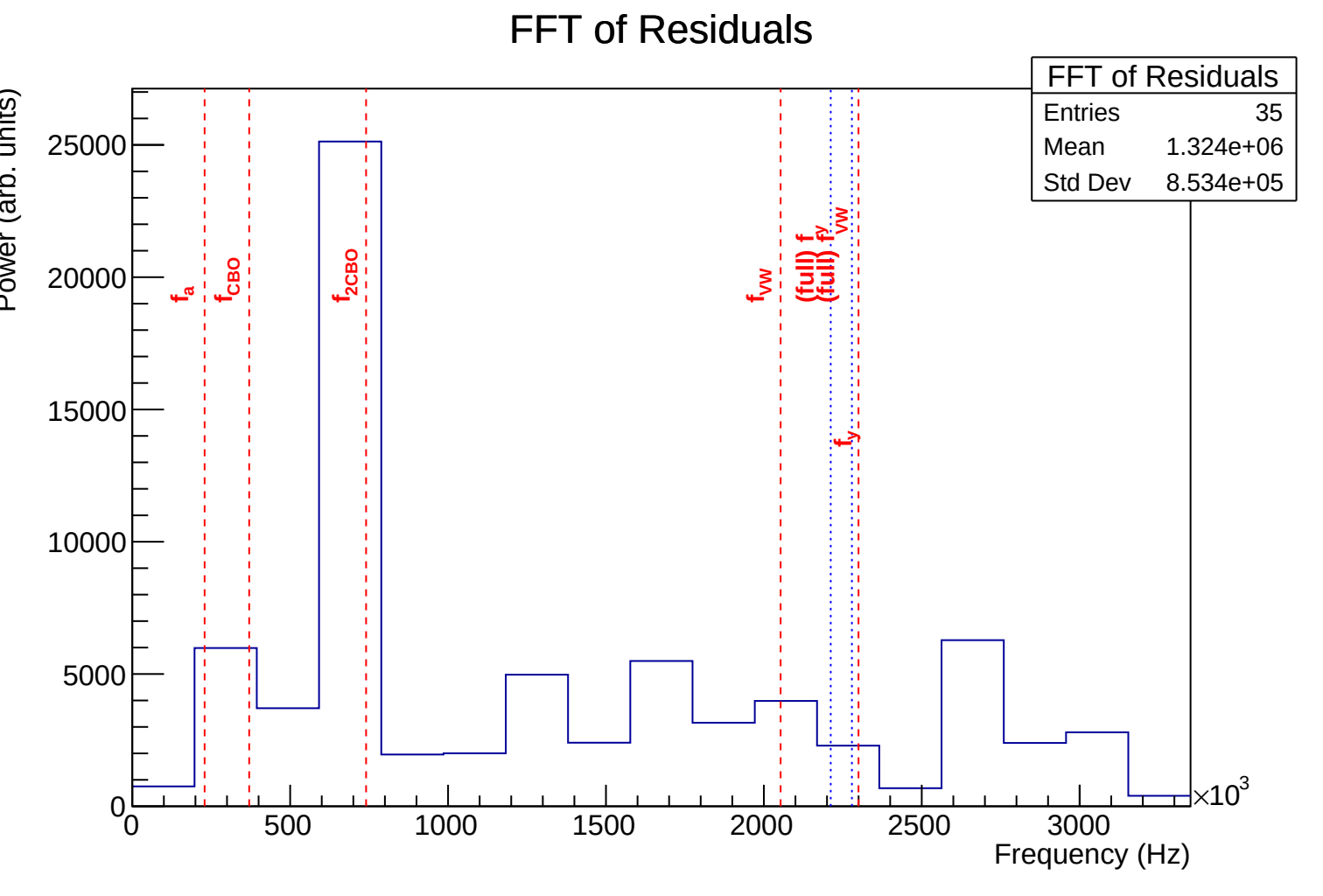

windowDat
×10^3
2600
2400
2200
2000
1800
1600
1400
31
32
33
34
35
windowDat
Entries 35
Mean 32.94
Std Dev 1.483

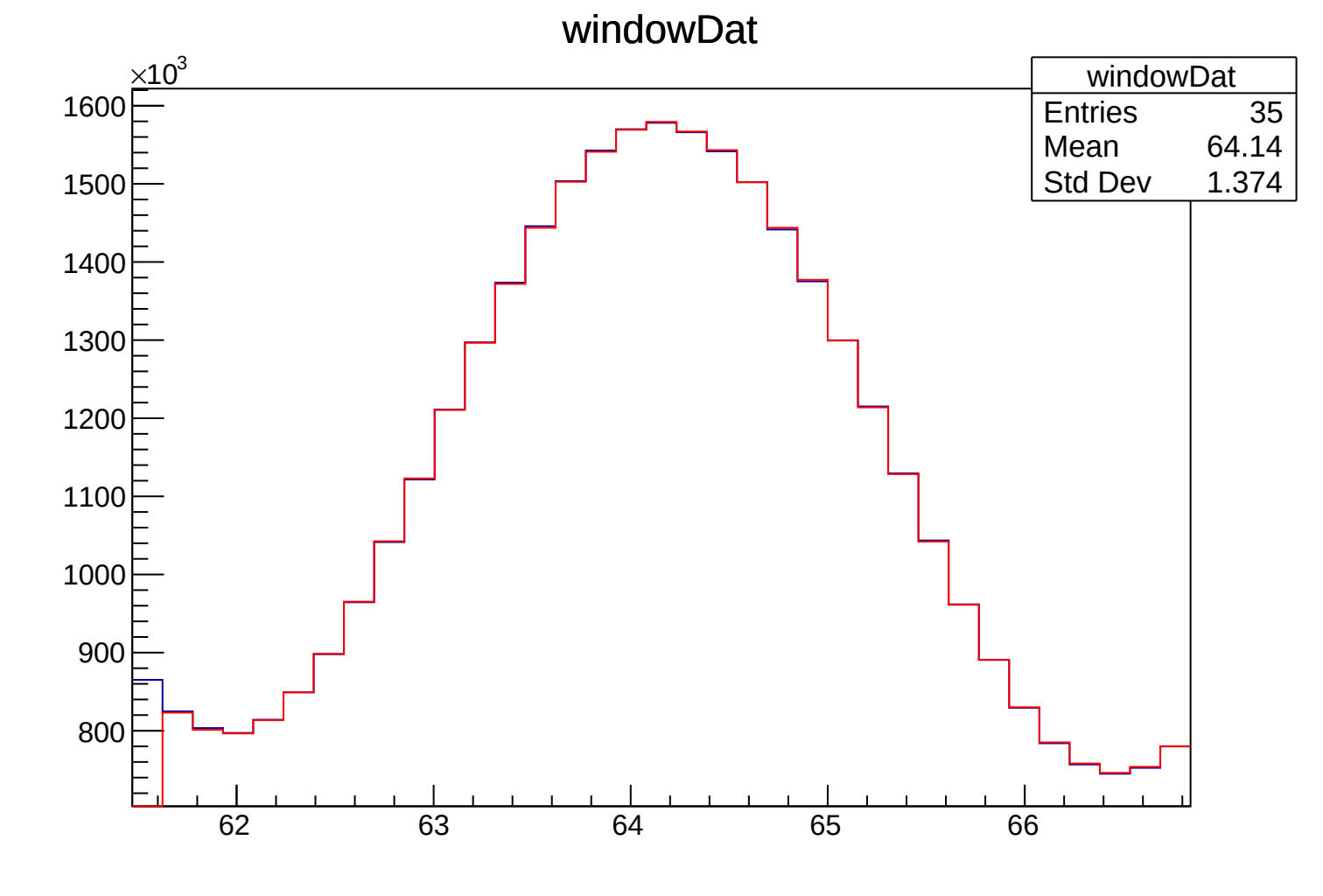

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.687e+06
Std Dev 9.272e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y
22000
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
500
1000
1500
2000
2500
3000

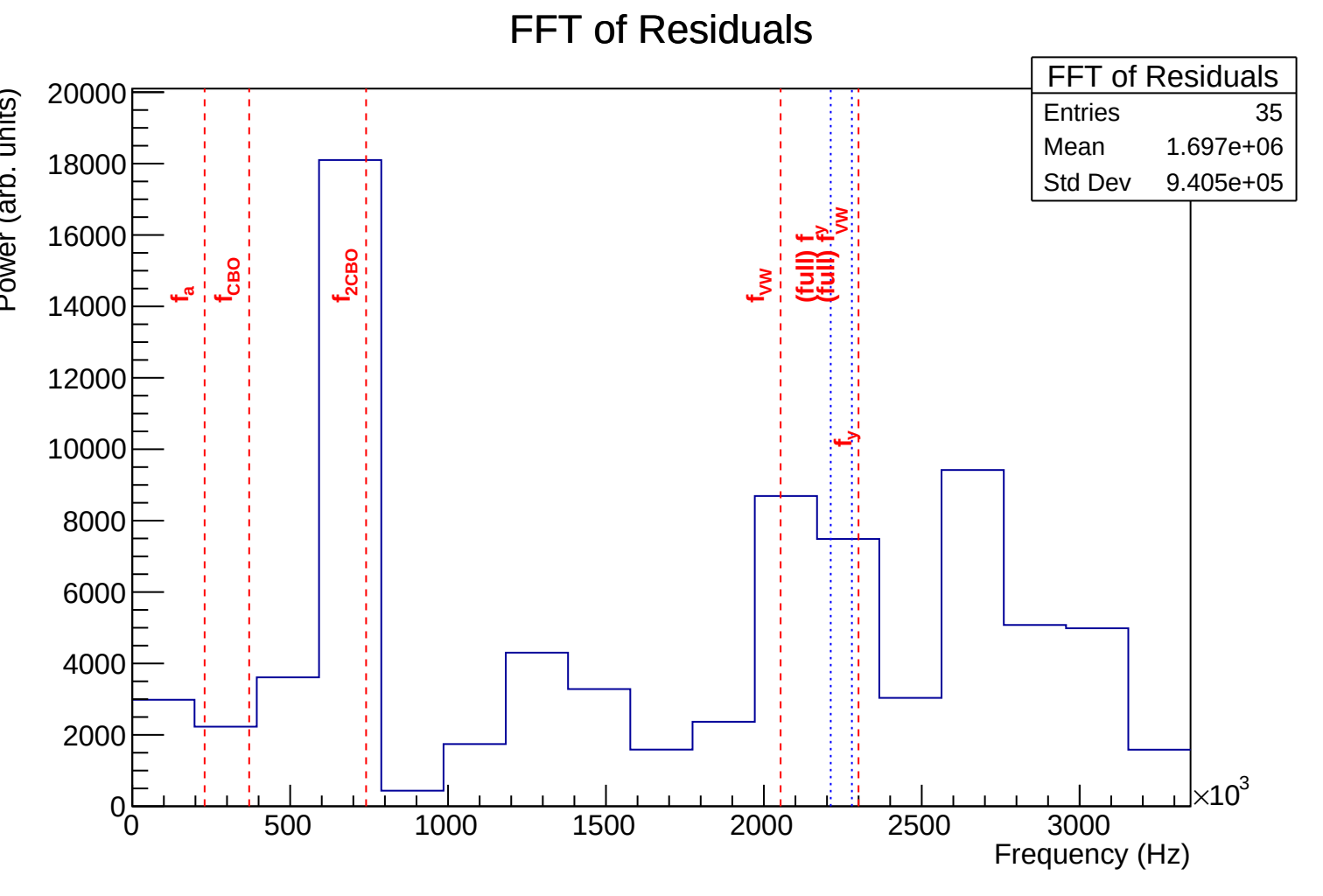

windowDat
×10^3
2200
2000
1800
1600
1400
1200
1000
41
42
43
44
45
windowDat
Entries 35
Mean 43.07
Std Dev 1.491

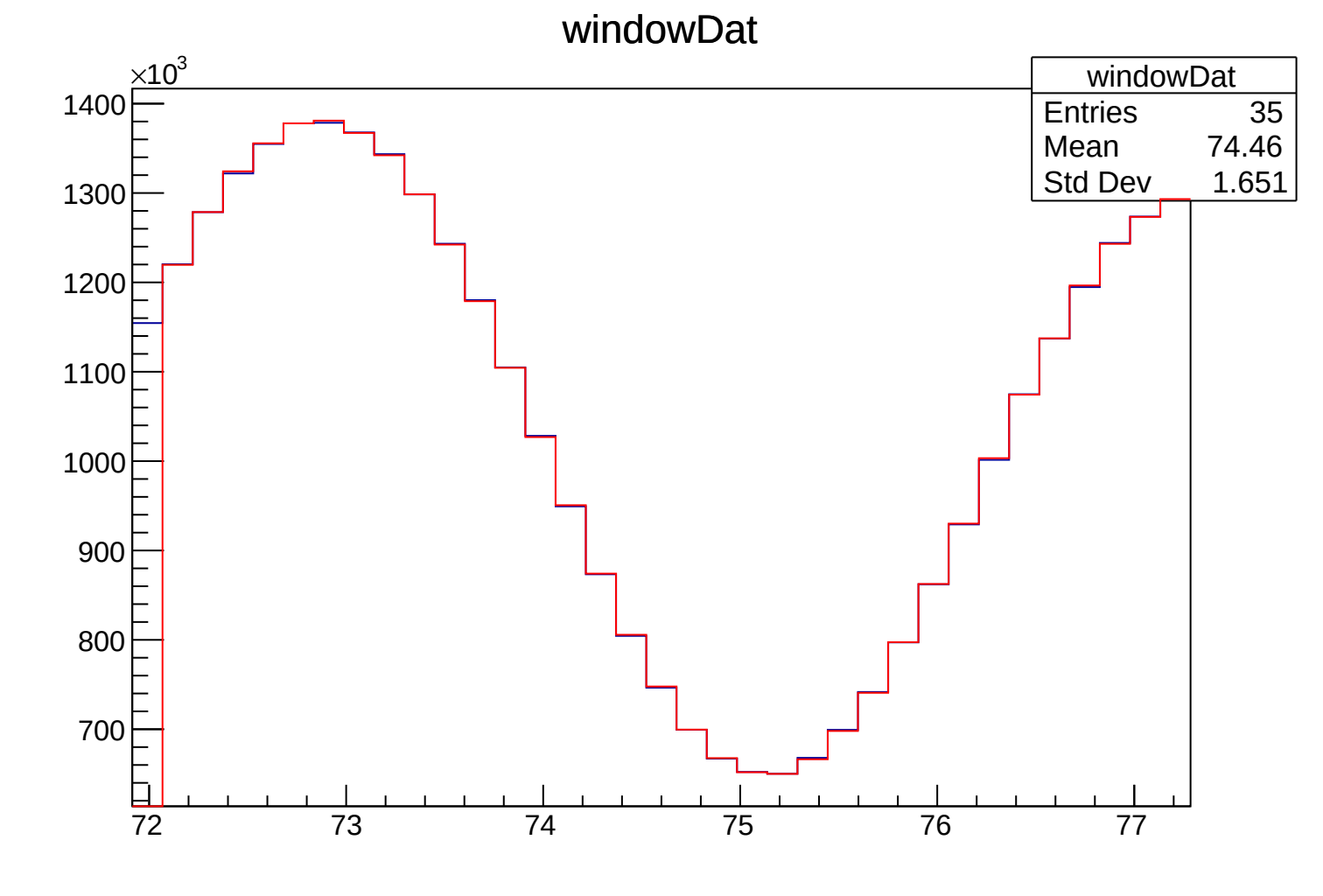

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.578e+06
Std Dev 9.301e+05
Power (arb. units)
25000
20000
15000
10000
5000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

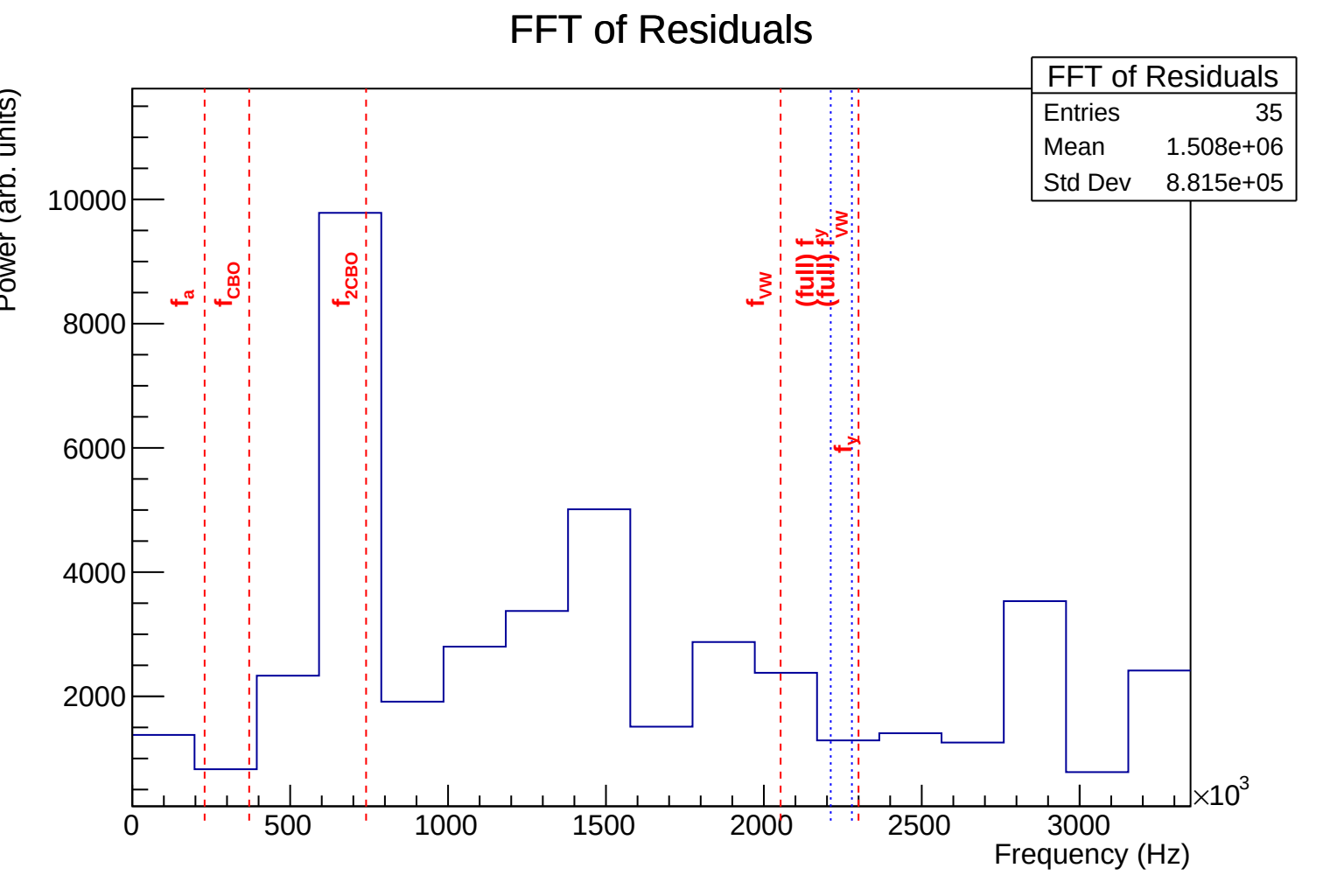

windowDat
×10^3
1800
1600
1400
1200
1000
52
53
54
55
56
windowDat
Entries 35
Mean 53.76
Std Dev 1.668

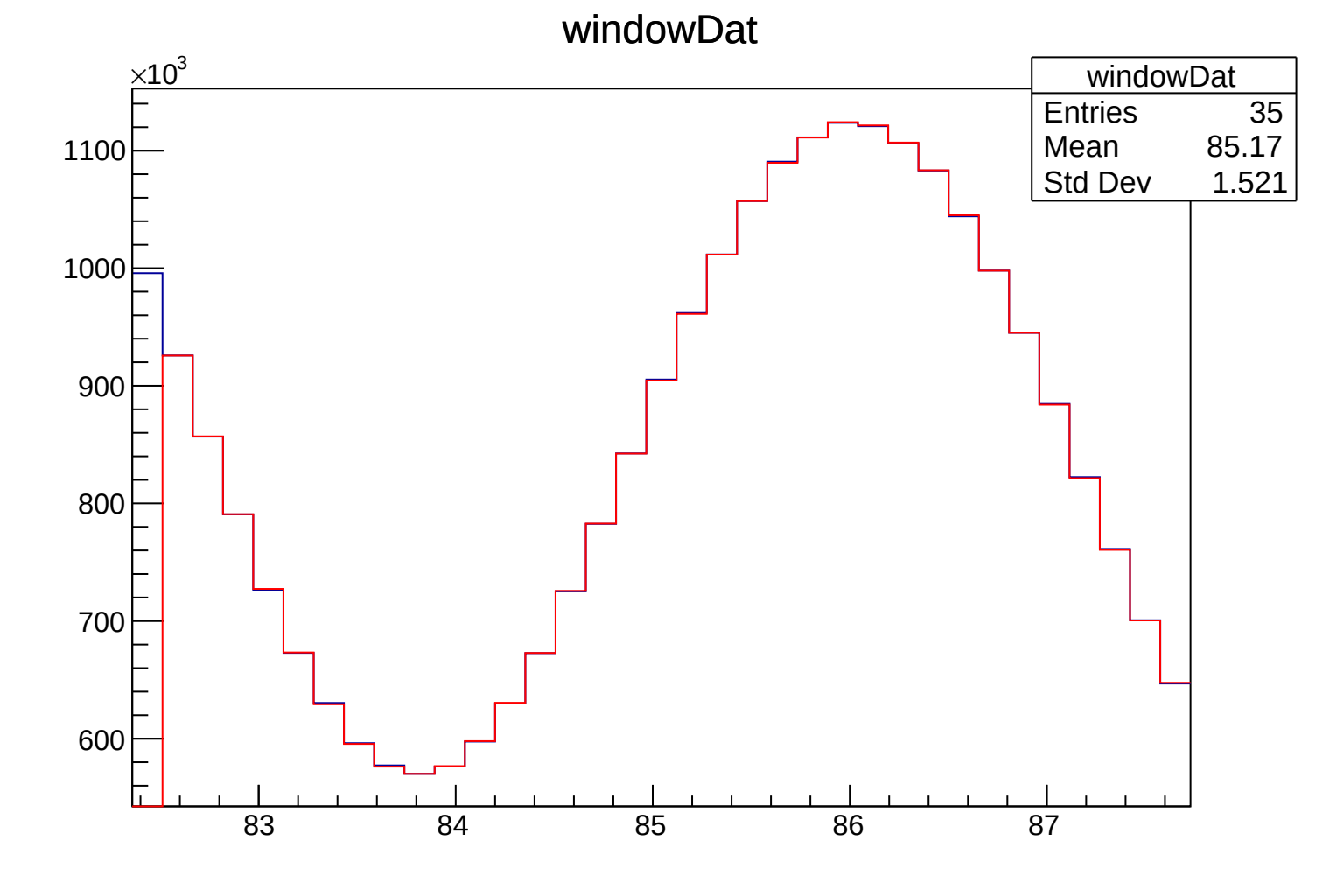

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.324e+06
Std Dev 8.534e+05
Power (arb. units)
25000
20000
15000
10000
5000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

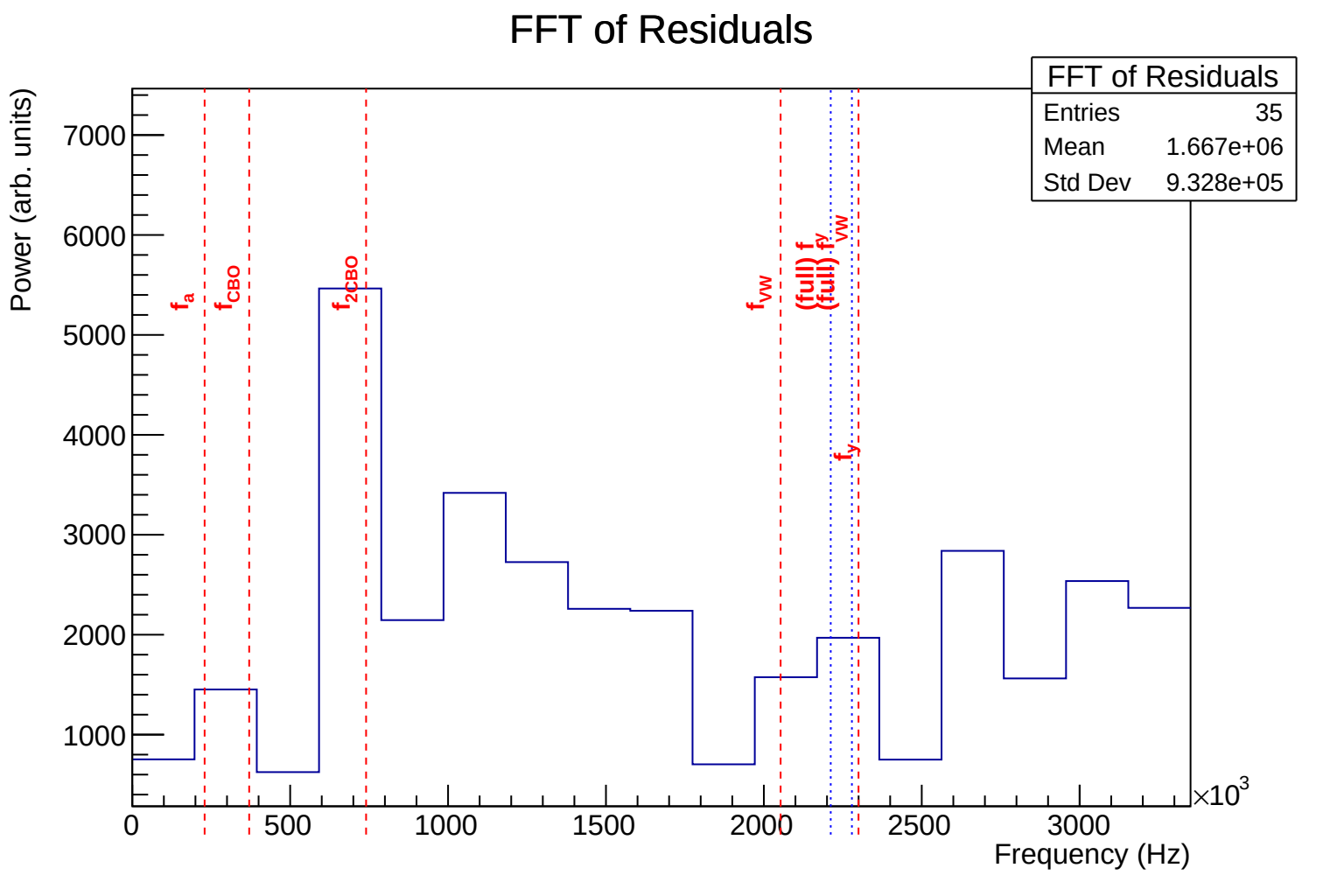

windowDat
×10^3
1600
1500
1400
1300
1200
1100
1000
900
800
62
63
64
65
66
windowDat
Entries 35
Mean 64.14
Std Dev 1.374

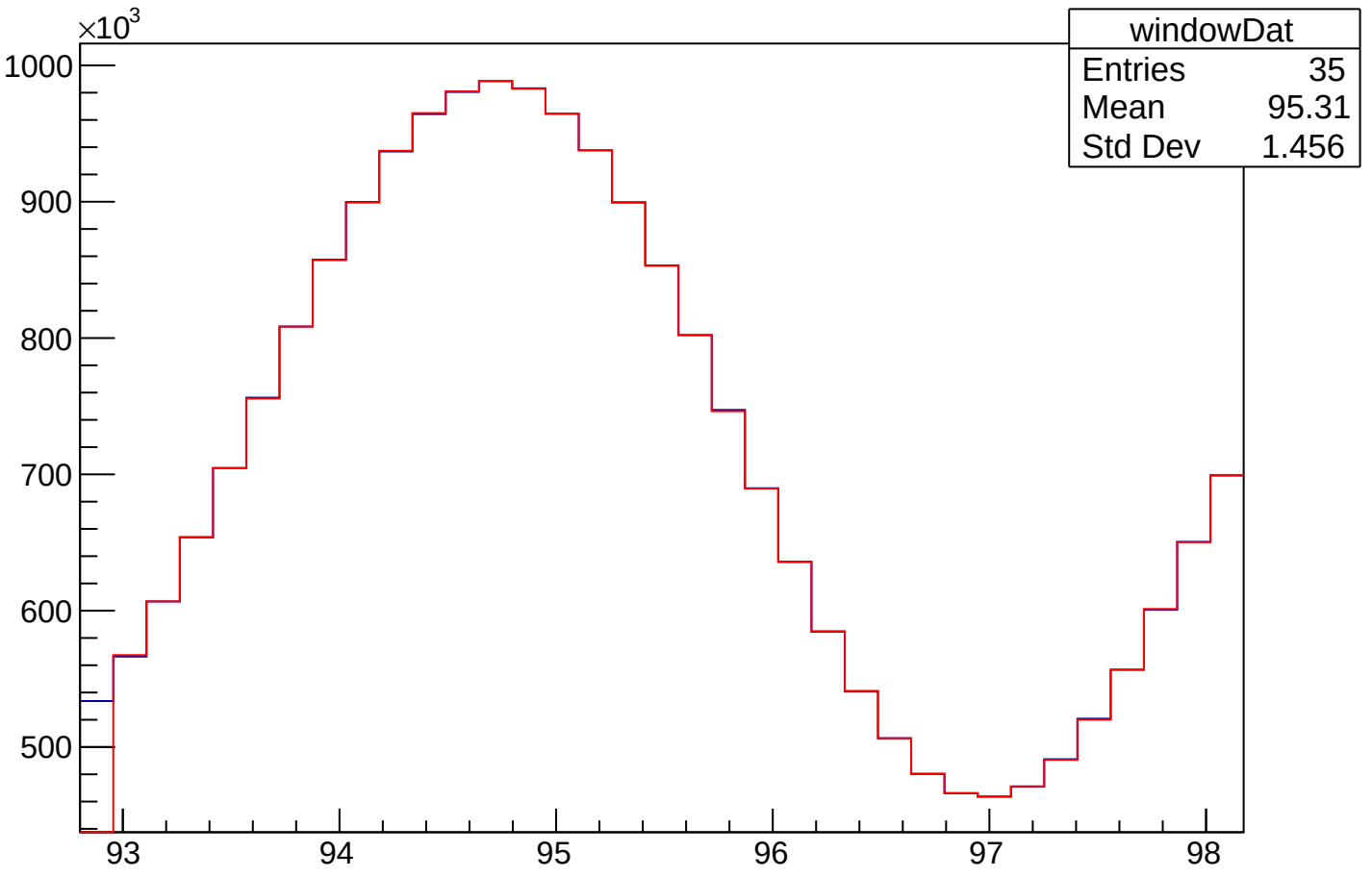

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.697e+06
Std Dev 9.405e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-VW
(full) f_y
f_y
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
0
500
1000
1500
2000
2500
3000

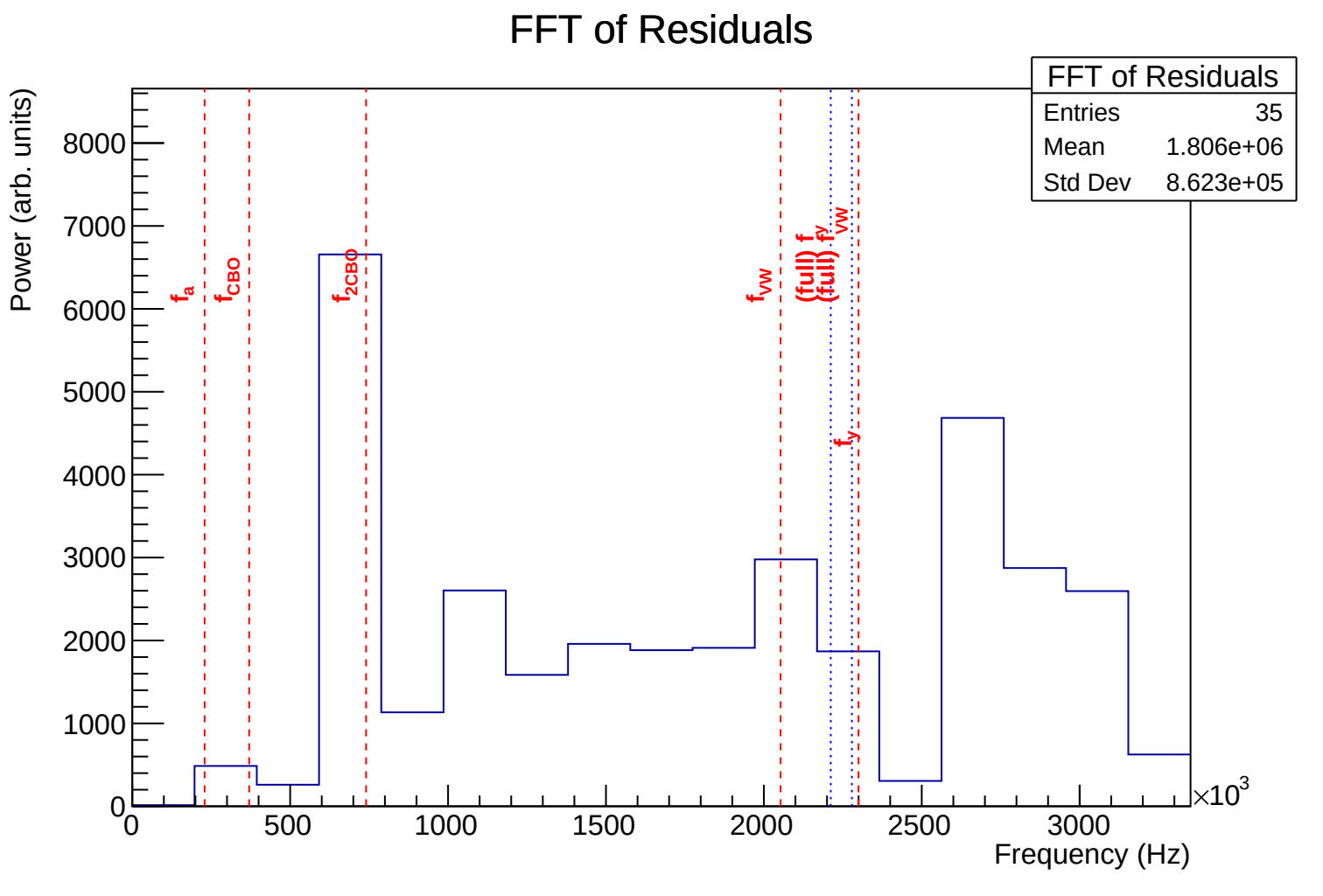

windowDat
×10^3
1400
1300
1200
1100
1000
900
800
700
72
73
74
75
76
77
windowDat
Entries 35
Mean 74.46
Std Dev 1.651

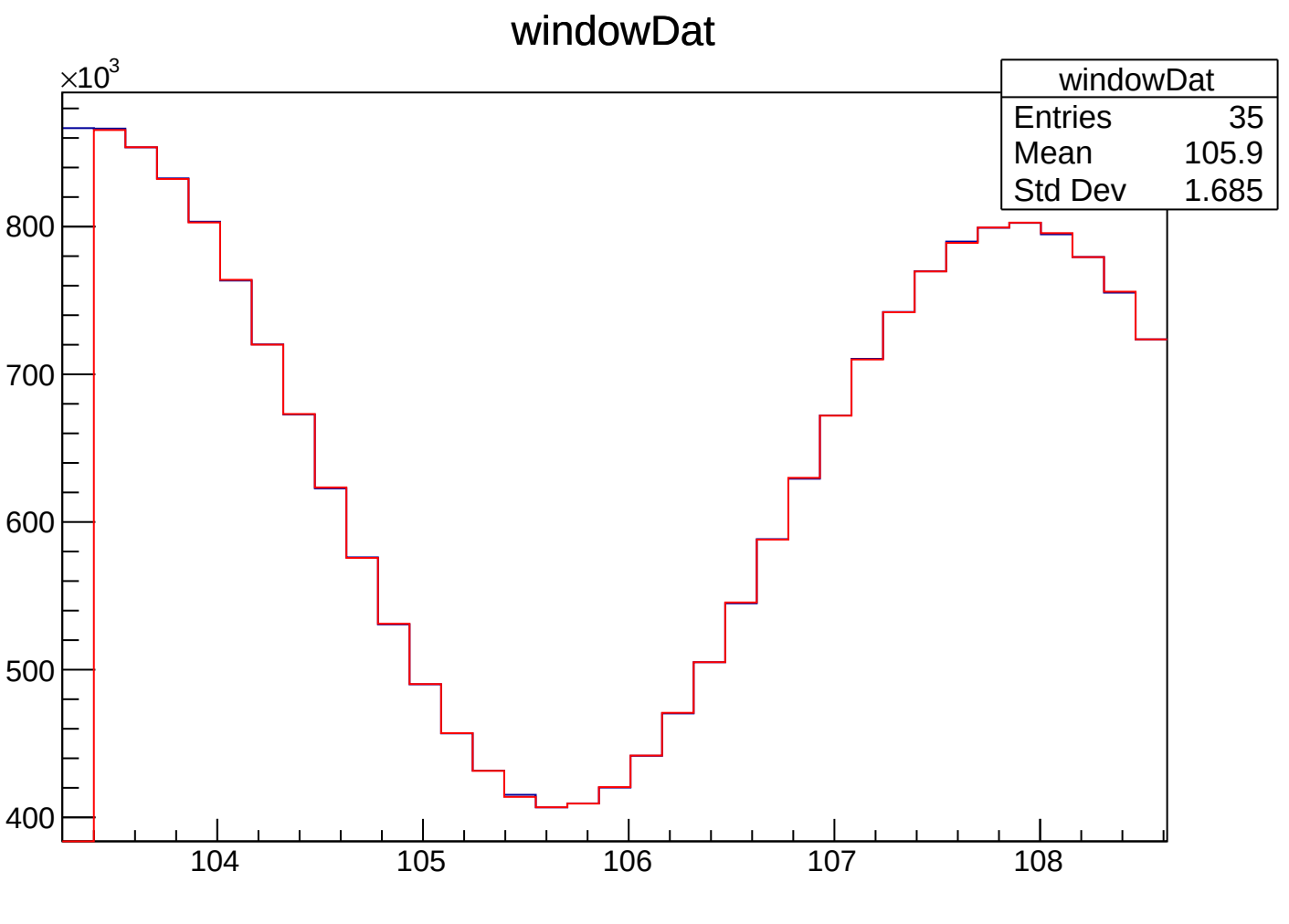

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.508e+06
Std Dev 8.815e+05
Power (arb. units)
10000
8000
6000
4000
2000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f_y
⟨full⟩ f_VW
f_y

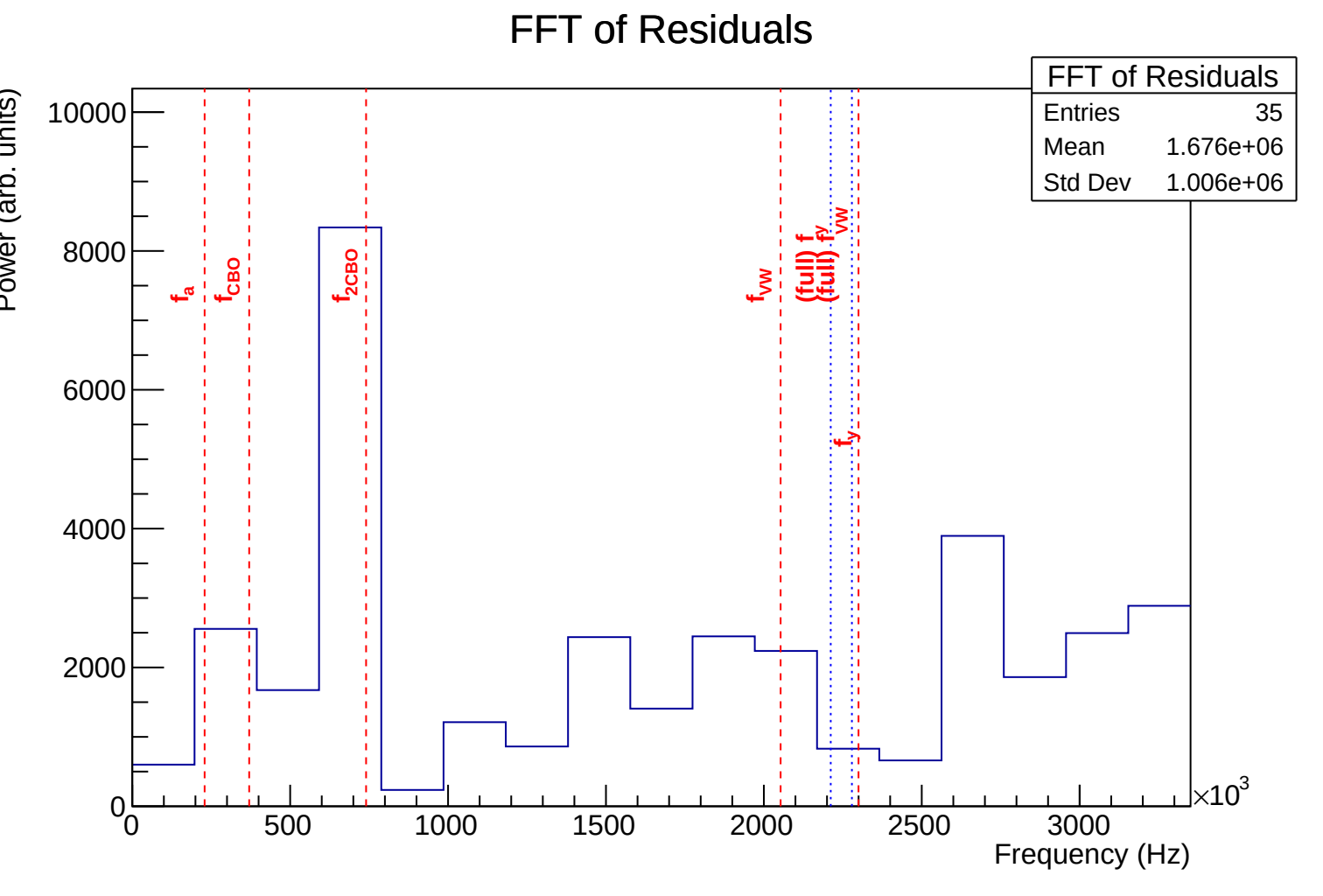

windowDat
×10^3
1100
1000
900
800
700
600
83
84
85
86
87
windowDat
Entries 35
Mean 85.17
Std Dev 1.521

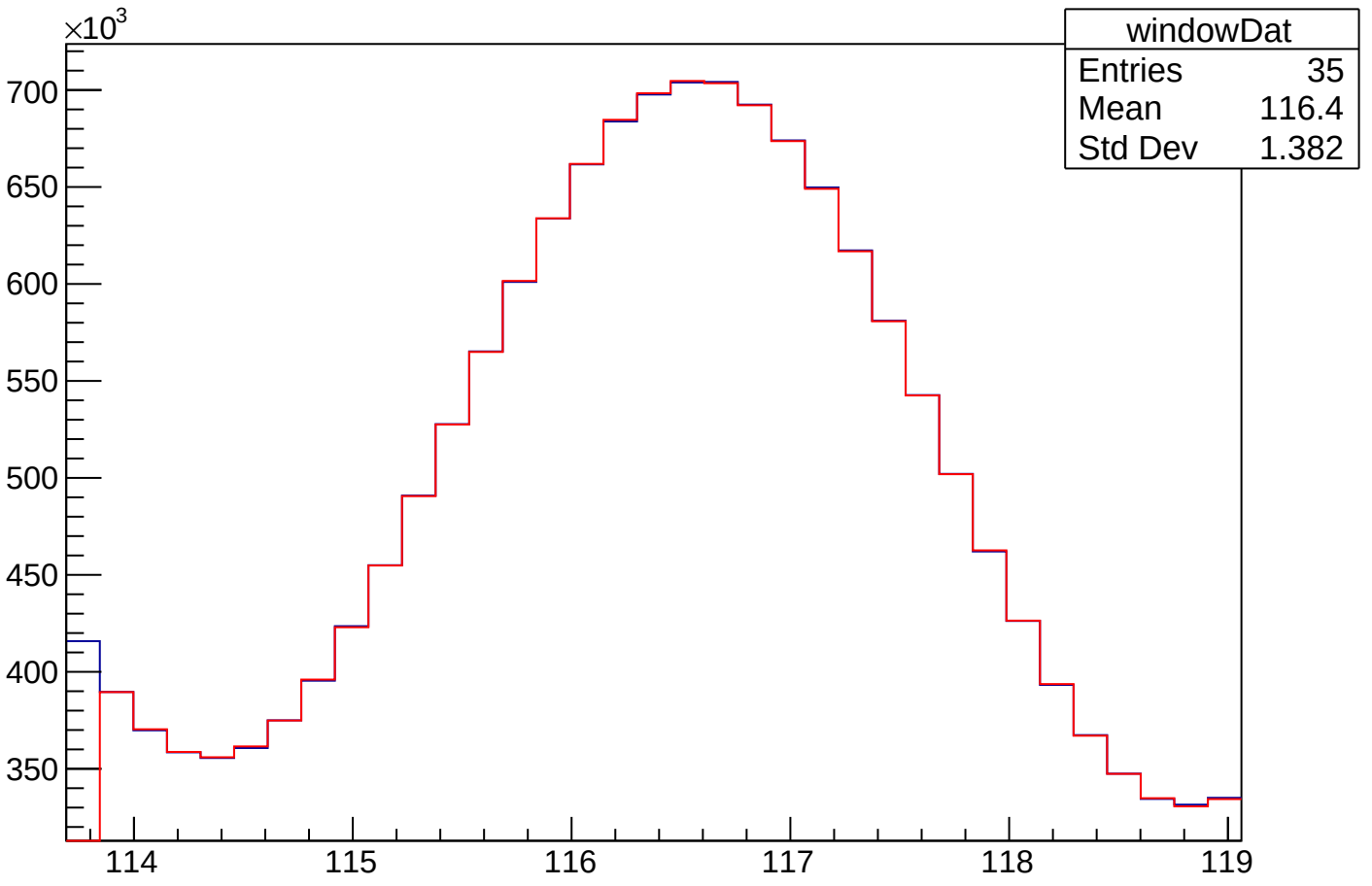

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.667e+06
Std Dev 9.328e+05
Power (arb. units)
7000
6000
5000
4000
3000
2000
1000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

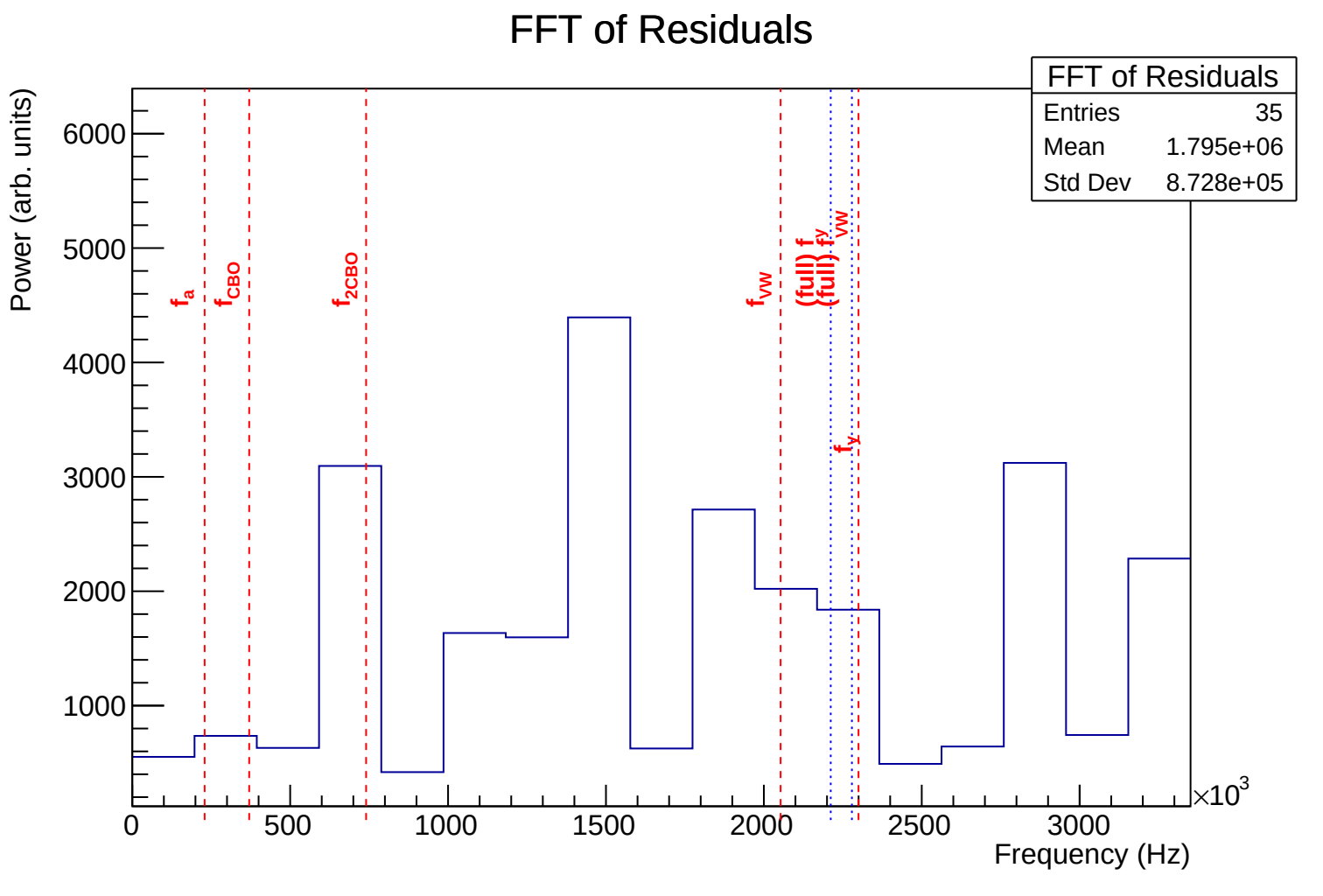

windowDat
×10^3
1000
900
800
700
600
500
93
94
95
96
97
98
windowDat
Entries 35
Mean 95.31
Std Dev 1.456

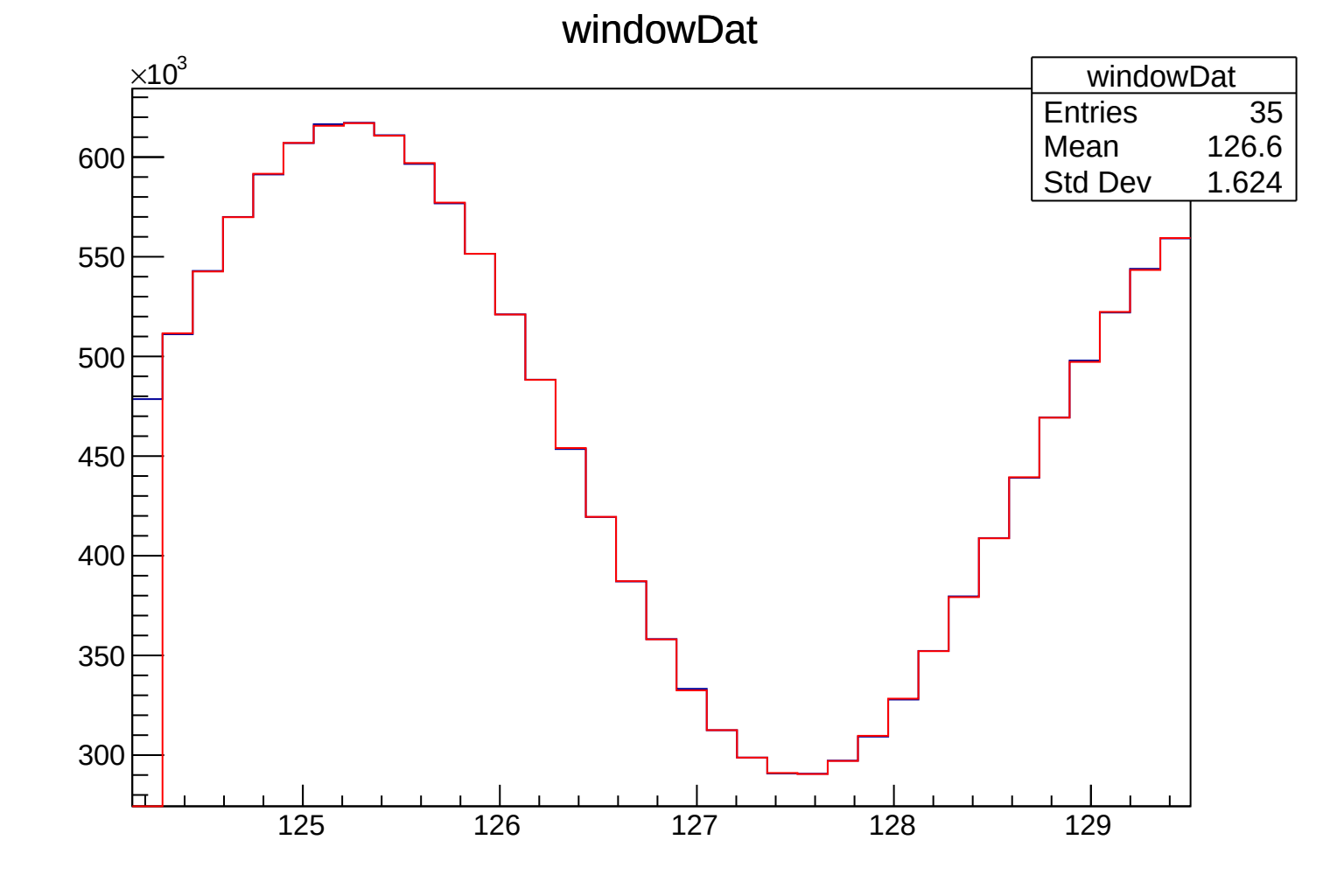

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.806e+06
Std Dev 8.623e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y
0
1000
2000
3000
4000
5000
6000
7000
8000
0
500
1000
1500
2000
2500
3000

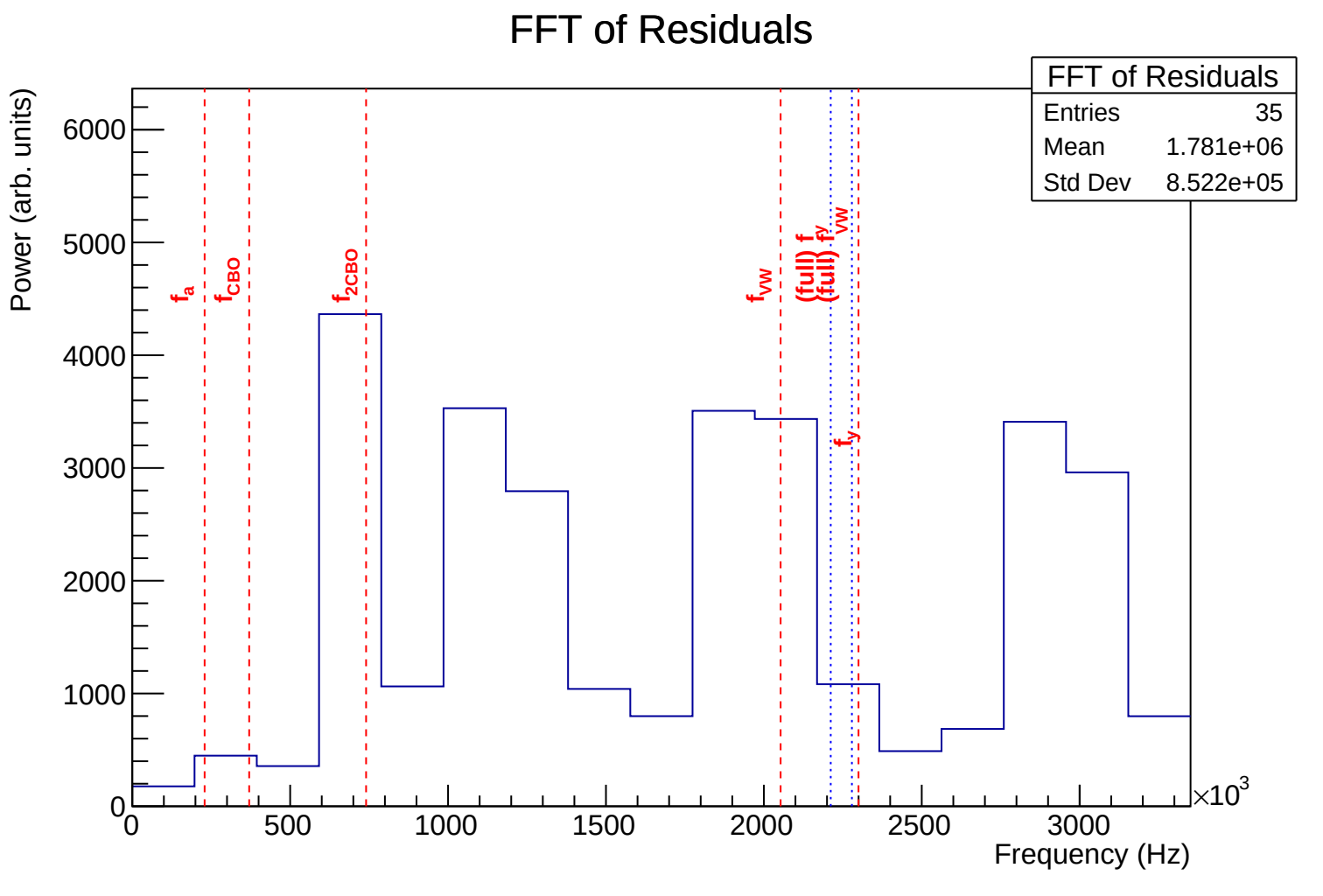

windowDat
×10^3
windowDat
Entries 35
Mean 105.9
Std Dev 1.685
800
700
600
500
400
104
105
106
107
108

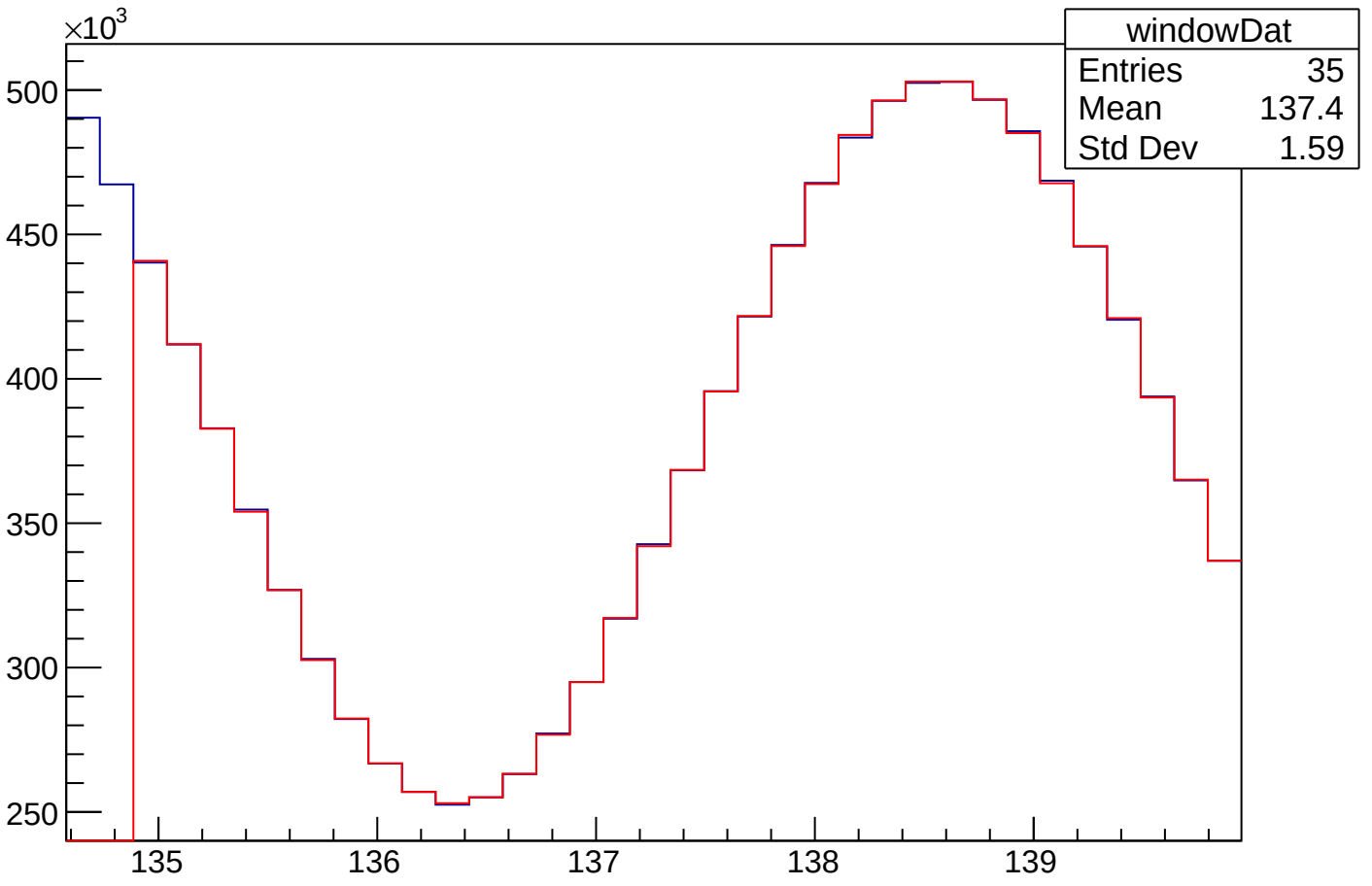

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.676e+06
Std Dev 1.006e+06
Power (arb. units)
10000
8000
6000
4000
2000
0
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

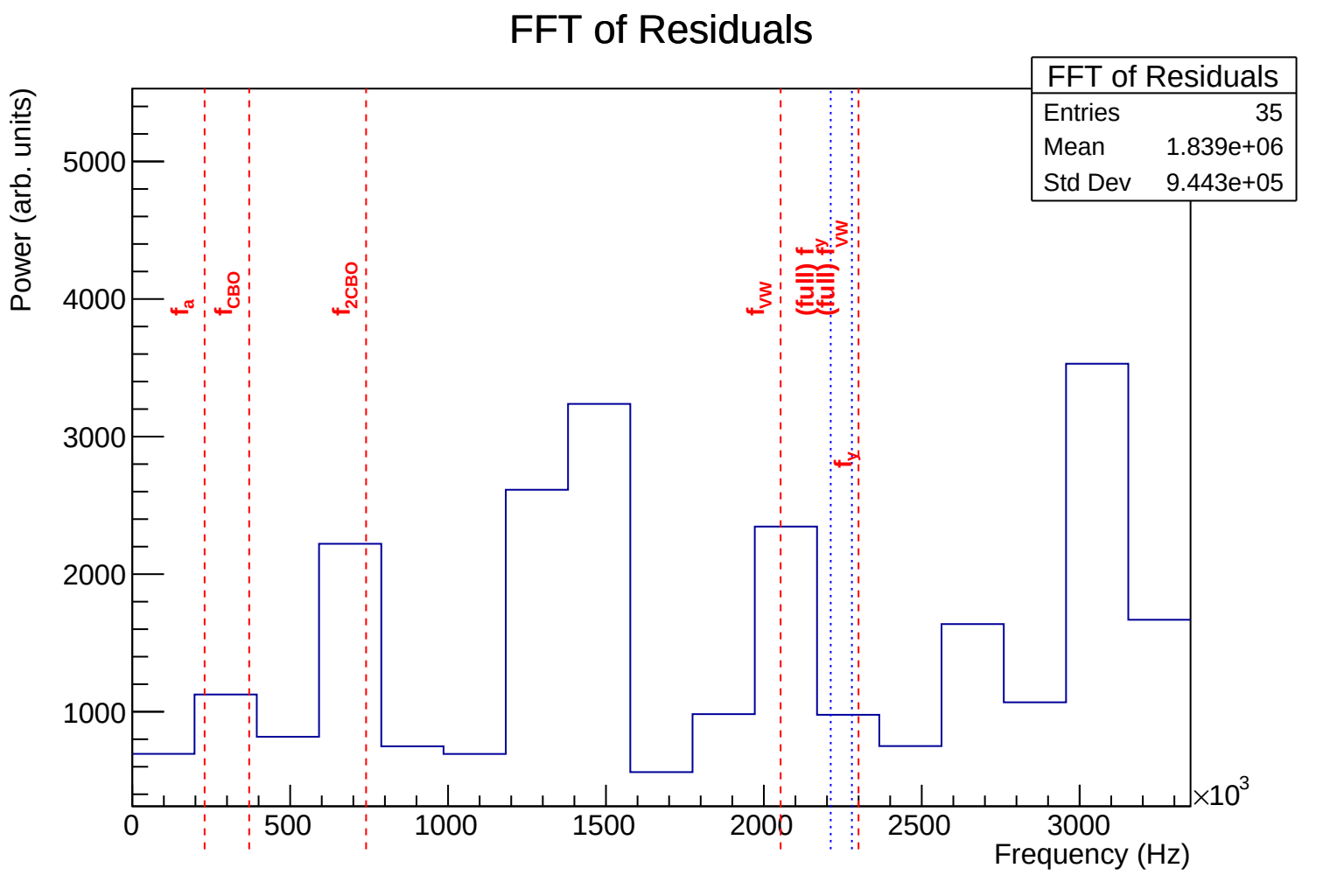

windowDat
×10^3
700
650
600
550
500
450
400
350
114
115
116
117
118
119
windowDat
Entries 35
Mean 116.4
Std Dev 1.382

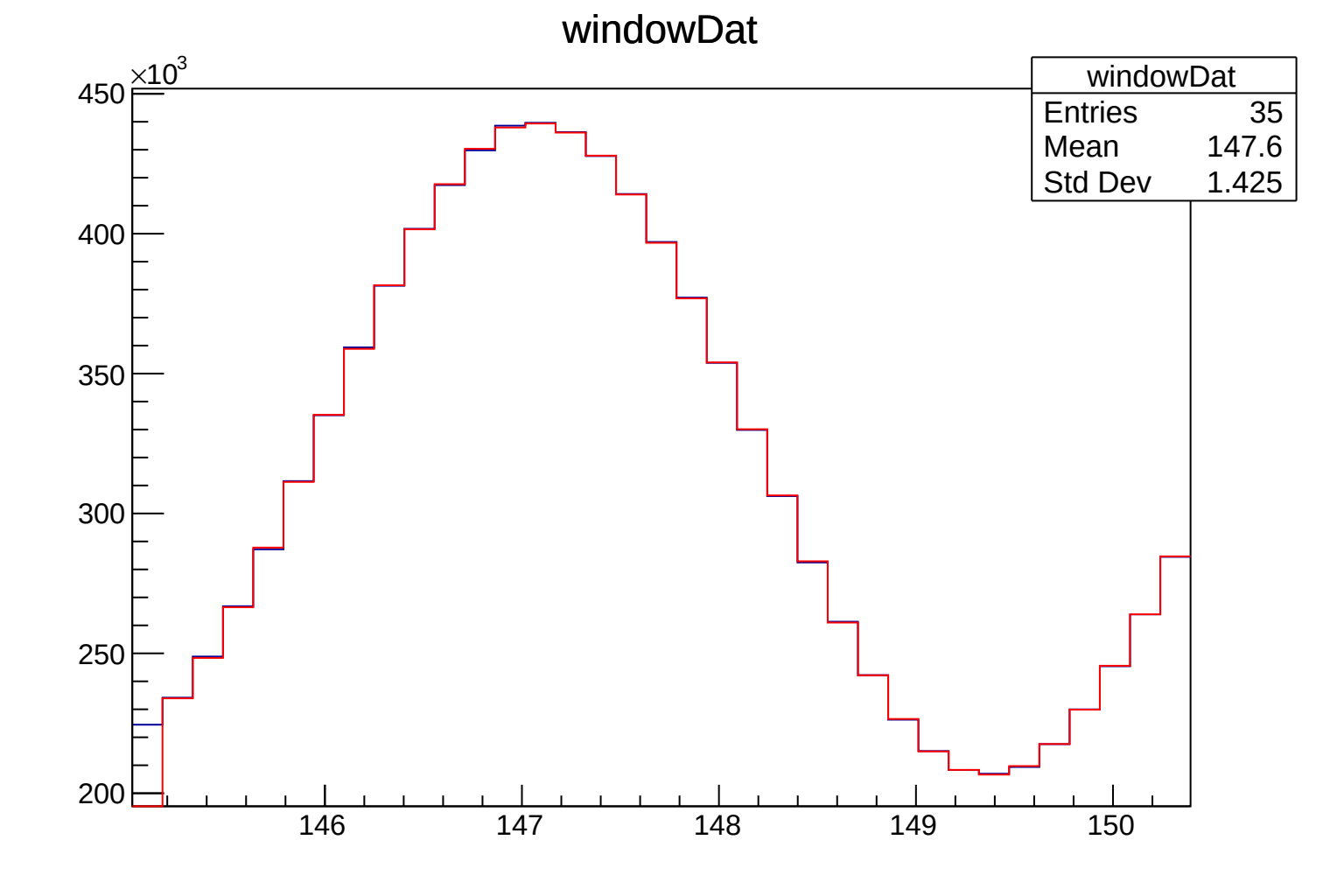

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.795e+06
Std Dev 8.728e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
⟨full⟩ f_VW
⟨full⟩ f_y
f_y
0
500
1000
1500
2000
2500
3000
1000
2000
3000
4000
5000
6000

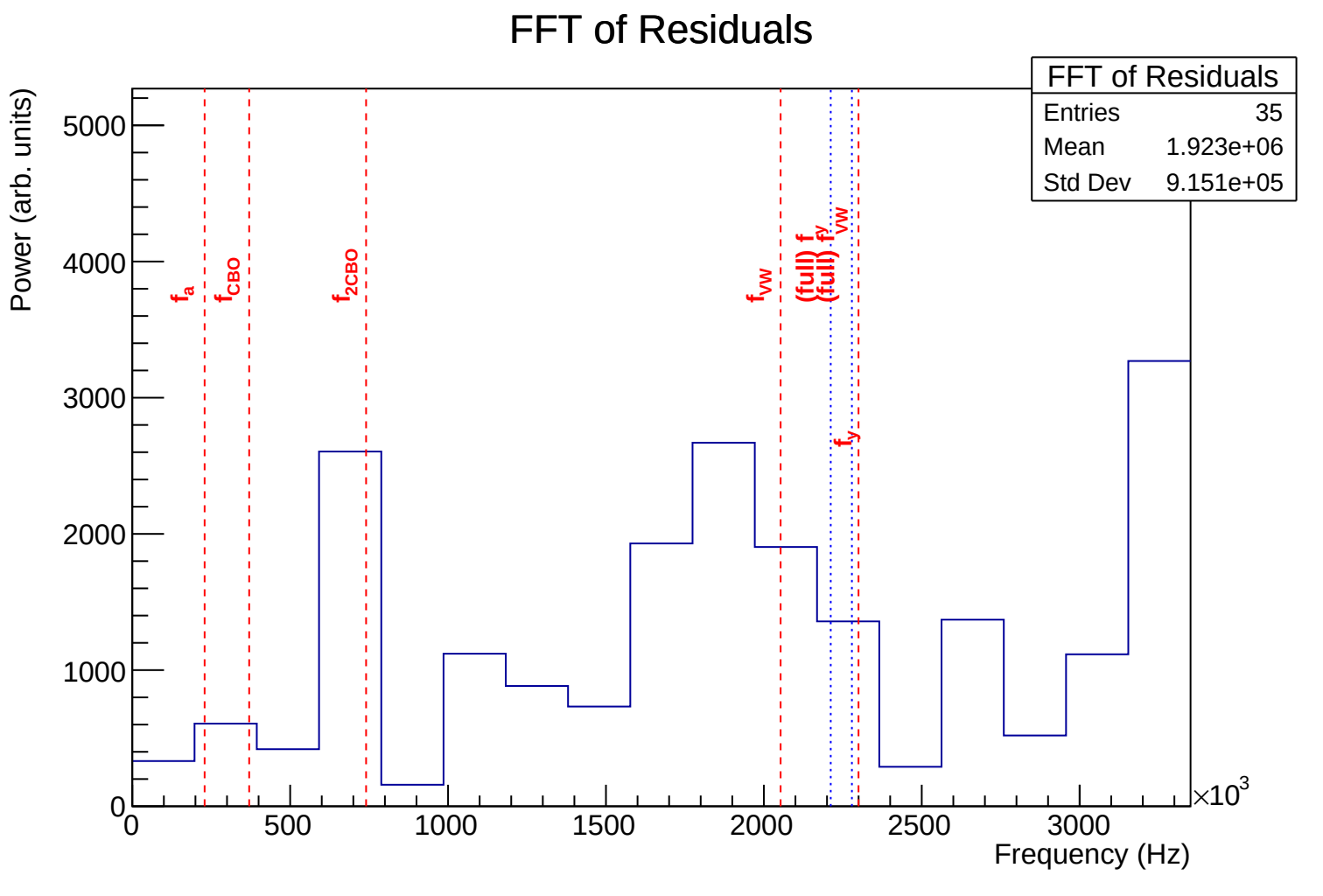

windowDat
×10^3
600
550
500
450
400
350
300
125
126
127
128
129
windowDat
Entries 35
Mean 126.6
Std Dev 1.624


FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.781e+06
Std Dev 8.522e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-VW
(full) f_y
f_y
0
1000
2000
3000
4000
5000
6000
0
500
1000
1500
2000
2500
3000

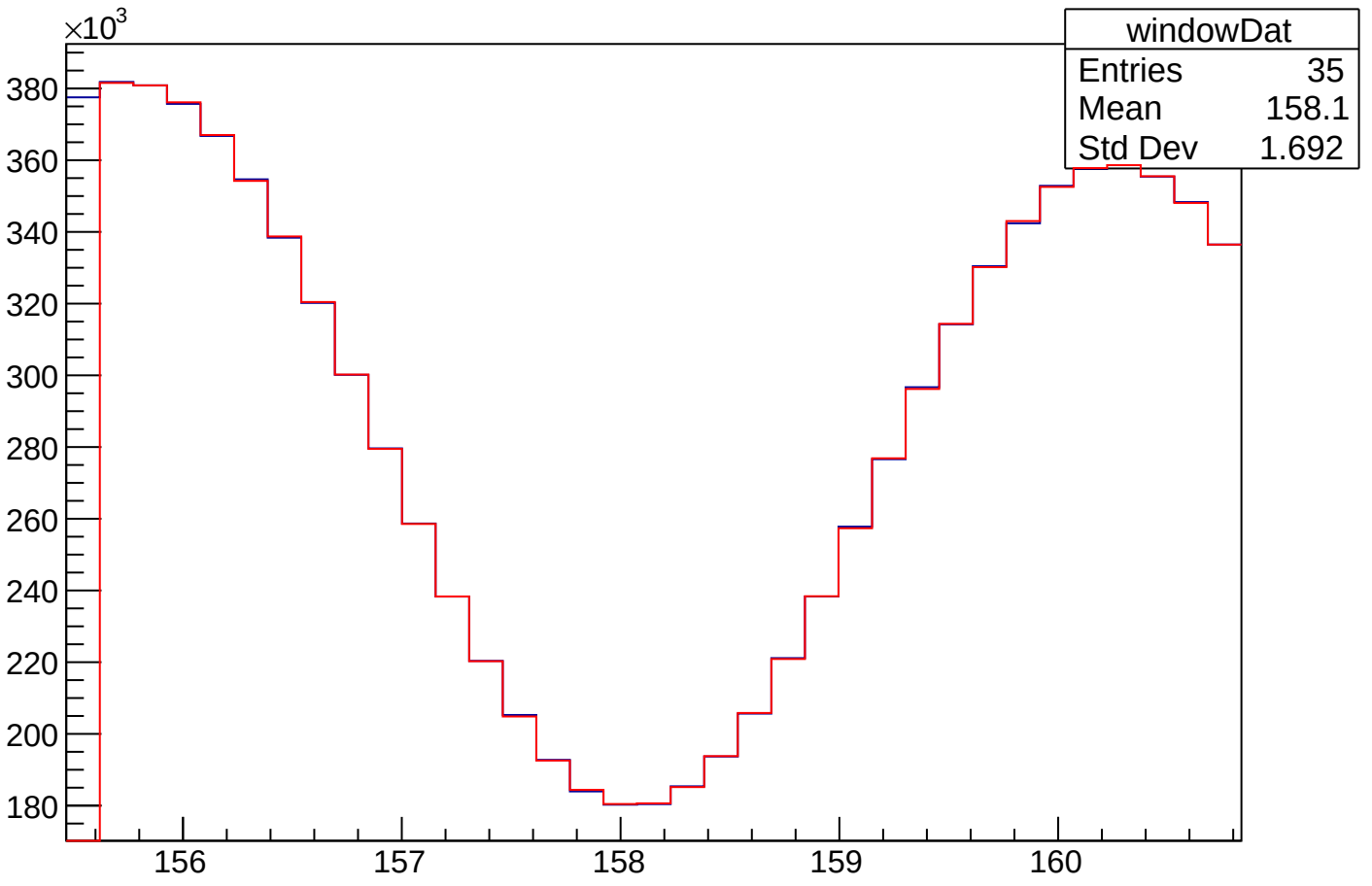

windowDat
×10^3
500
450
400
350
300
250
135
136
137
138
139
windowDat
Entries 35
Mean 137.4
Std Dev 1.59

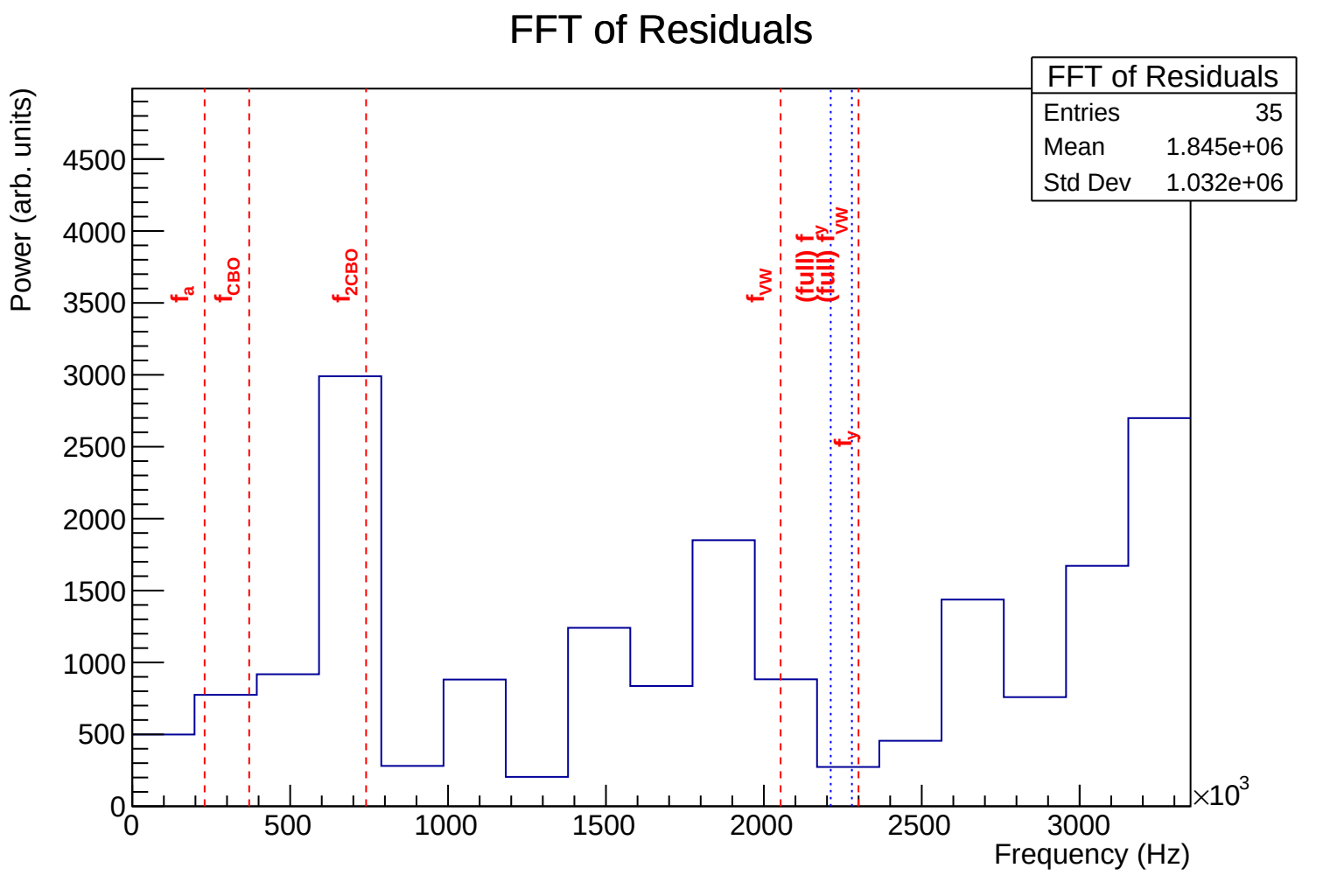

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.839e+06
Std Dev 9.443e+05
Power (arb. units)
5000
4000
3000
2000
1000
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

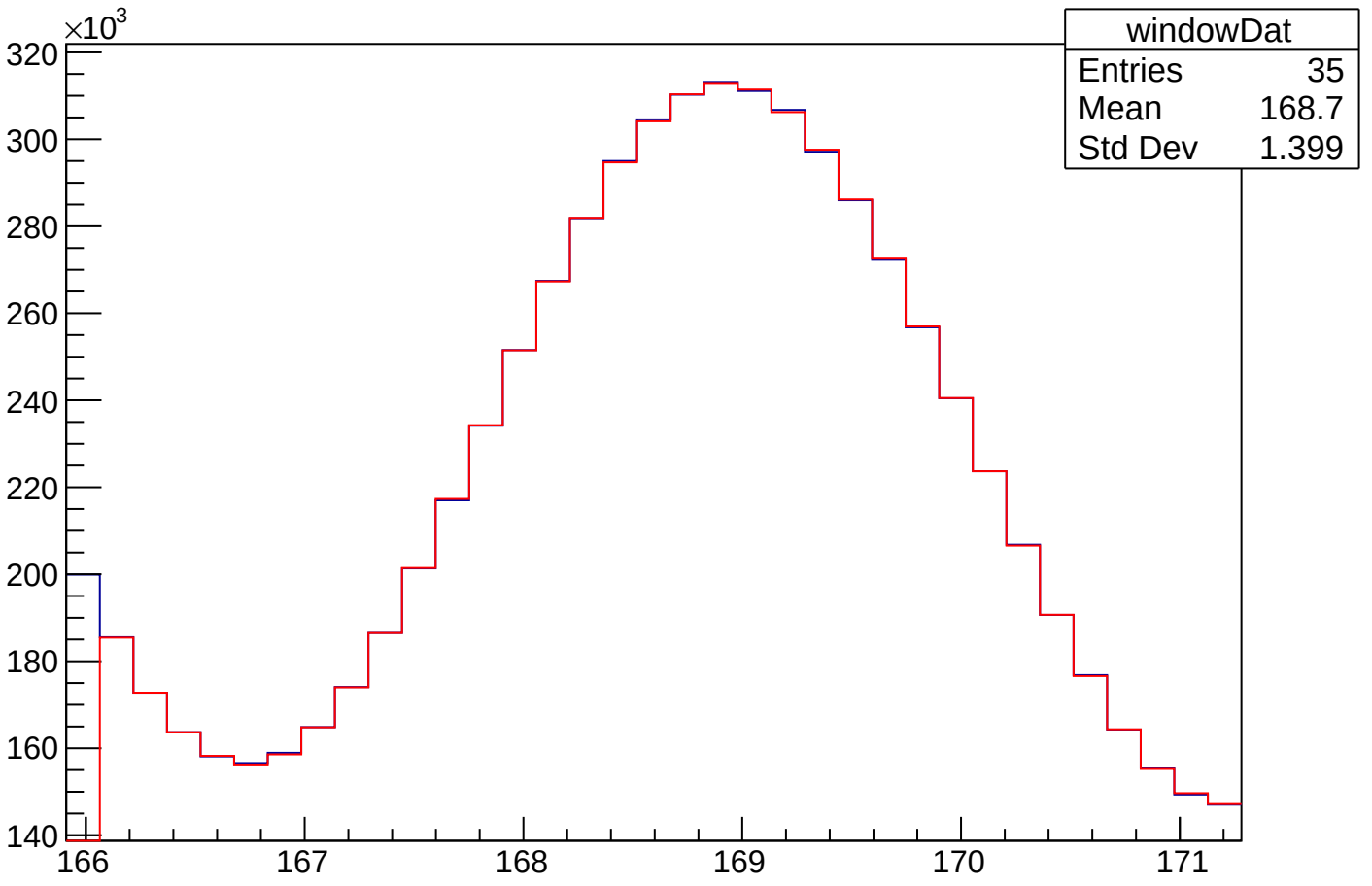

windowDat
×10^3
450
400
350
300
250
200
146
147
148
149
150
windowDat
Entries 35
Mean 147.6
Std Dev 1.425

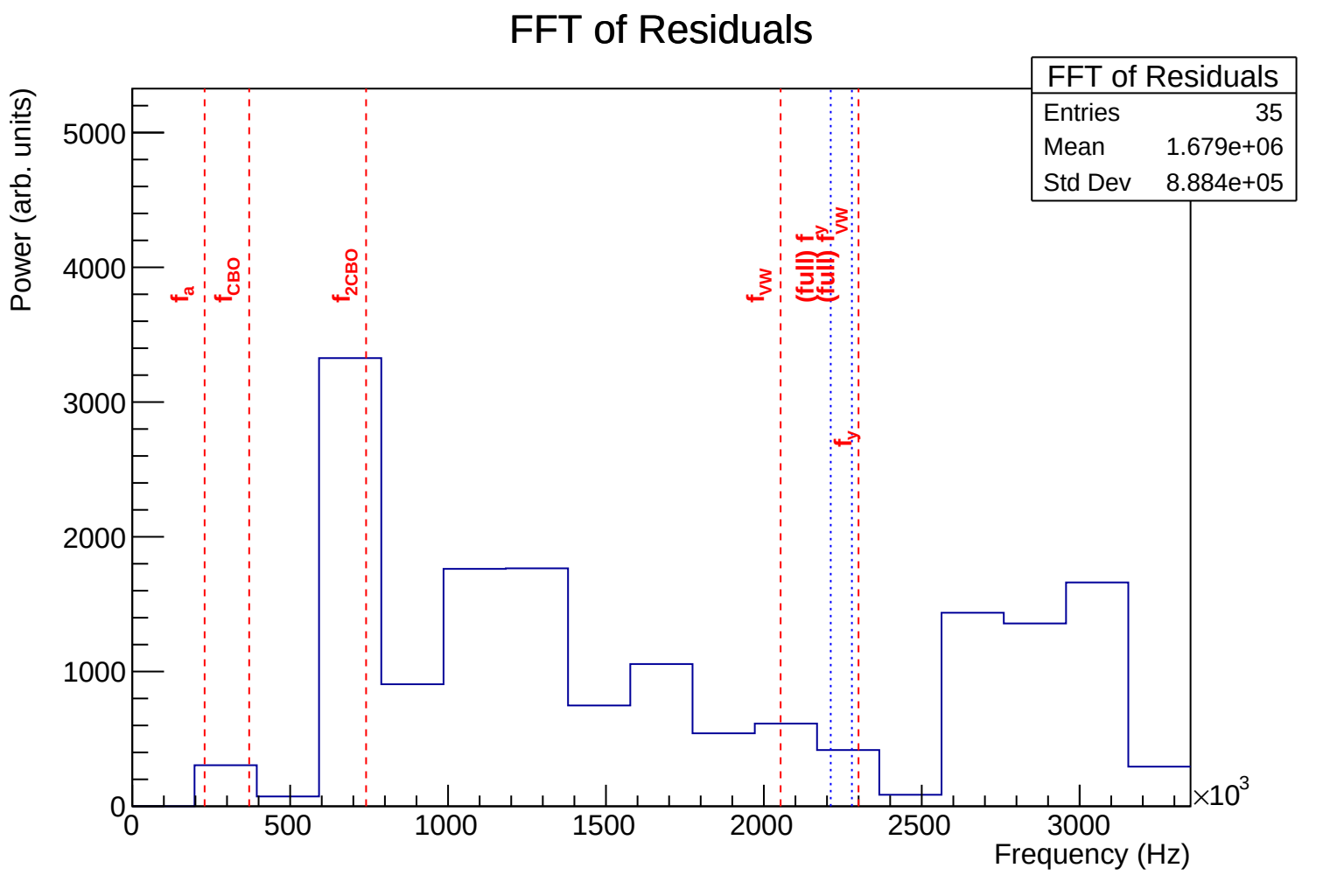


FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.923e+06
Std Dev 9.151e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

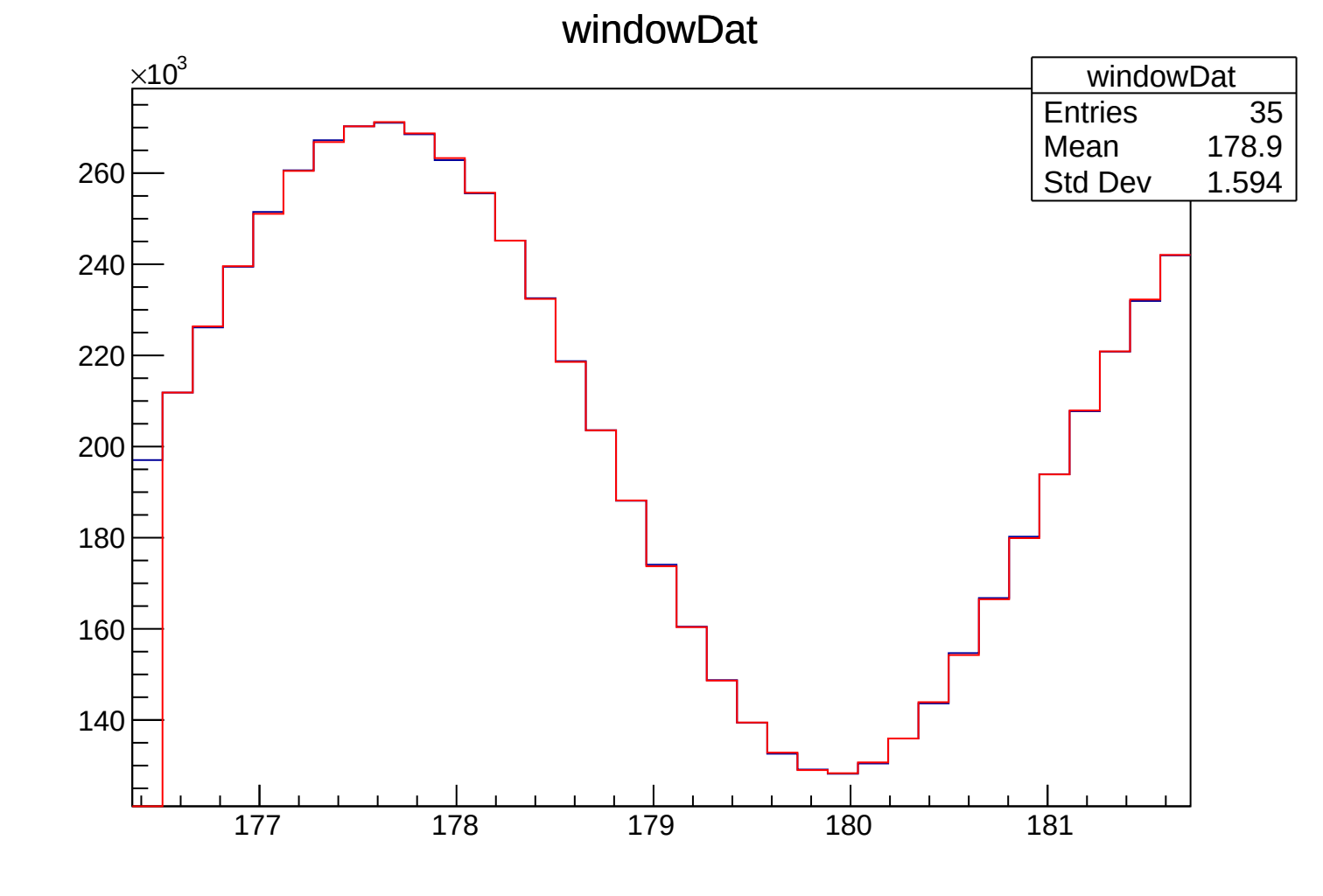

windowDat
×10^3
380
360
340
320
300
280
260
240
220
200
180
156
157
158
159
160
windowDat
Entries 35
Mean 158.1
Std Dev 1.692

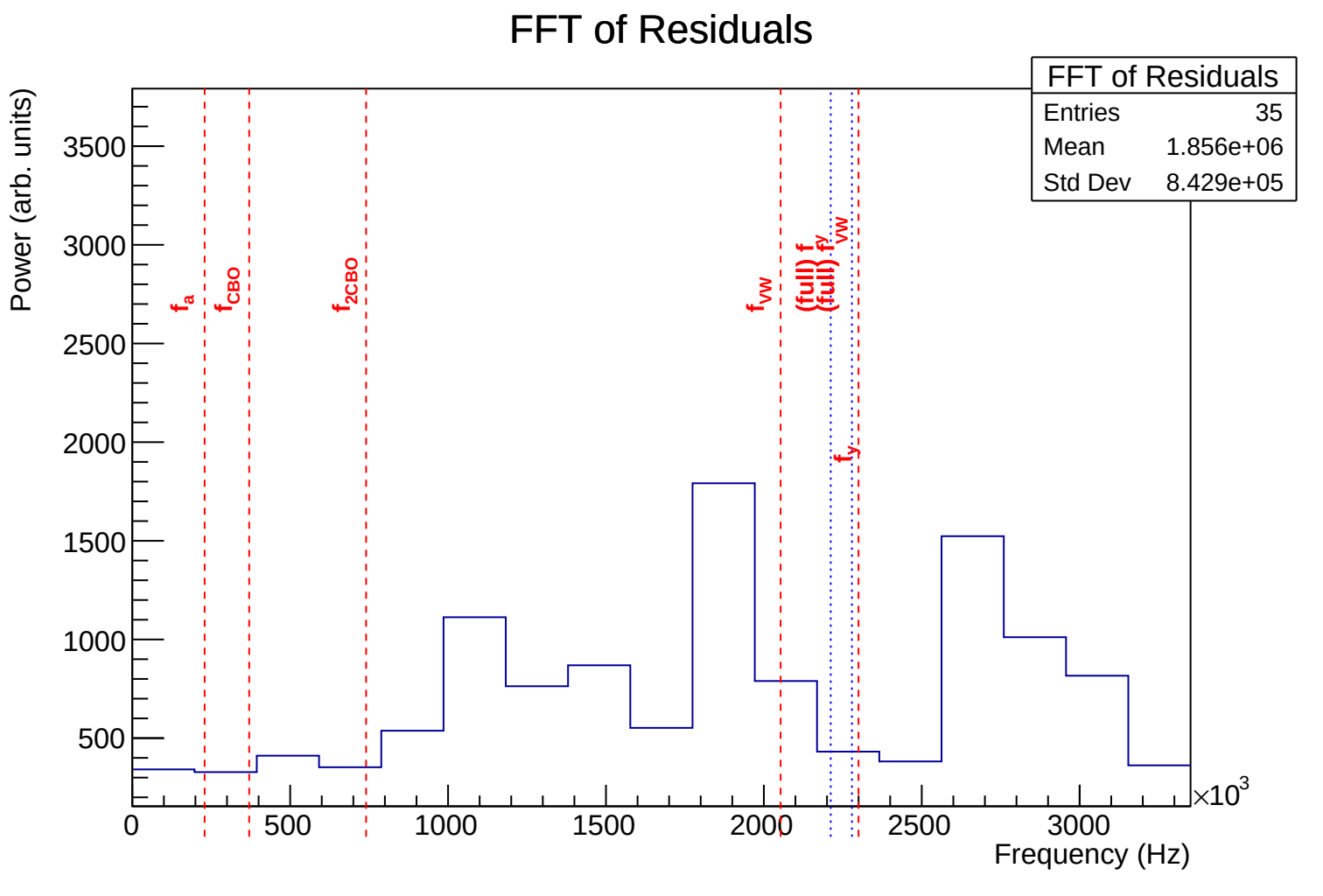

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.845e+06
Std Dev 1.032e+06
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000
4500
4000
3500
3000
2500
2000
1500
1000
500
0

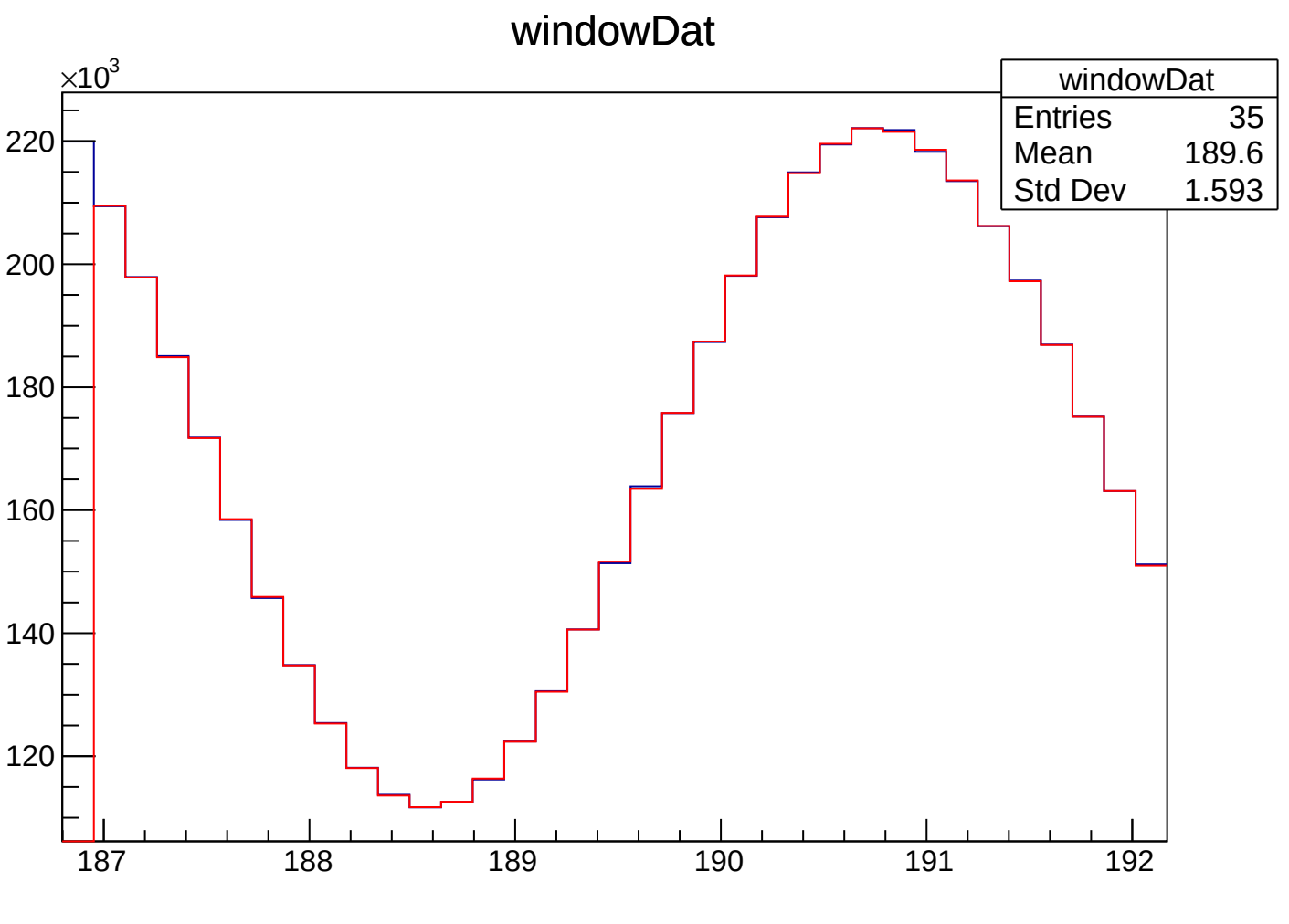

windowDat
×10^3
320
300
280
260
240
220
200
180
160
140
166
167
168
169
170
171
windowDat
Entries 35
Mean 168.7
Std Dev 1.399

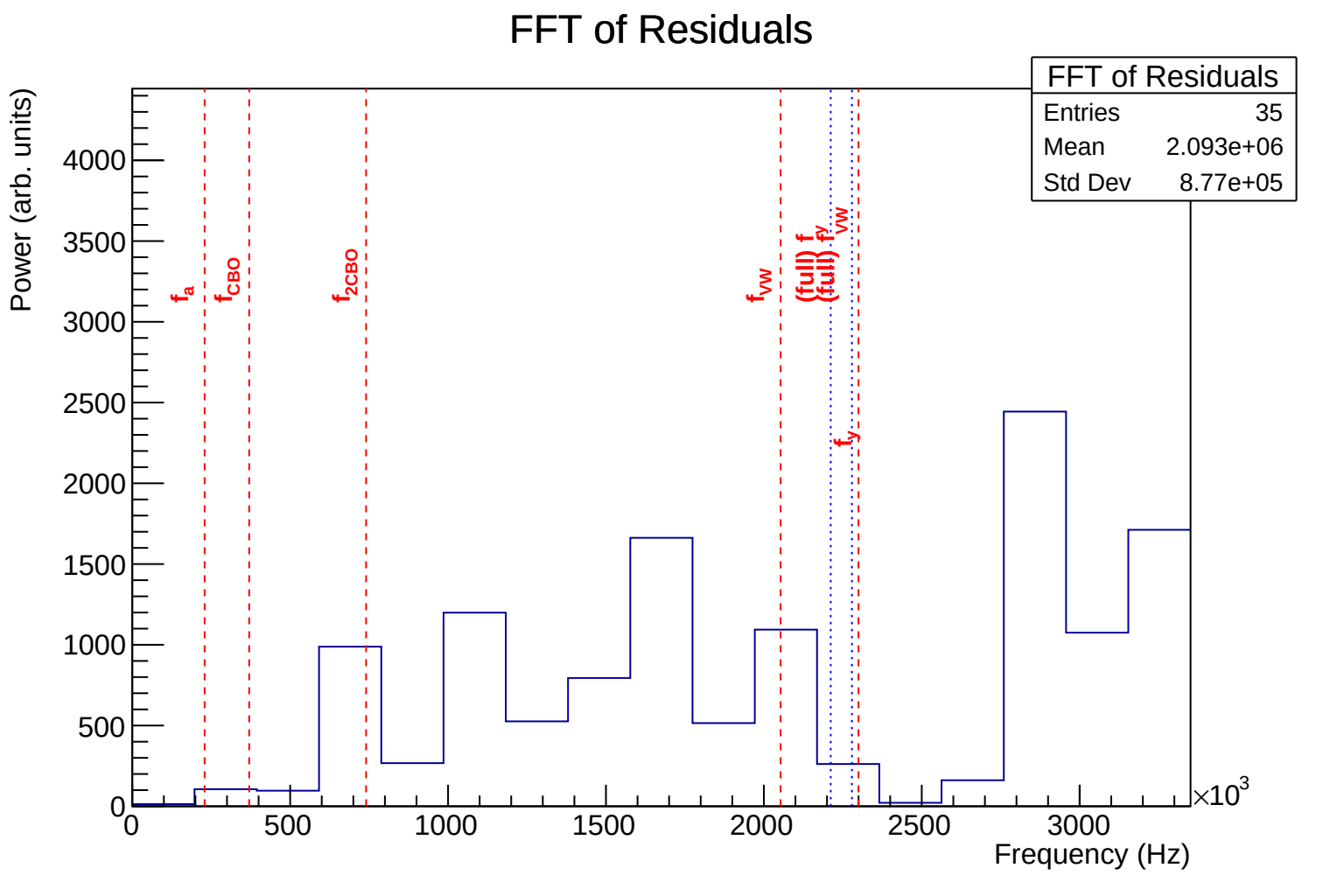


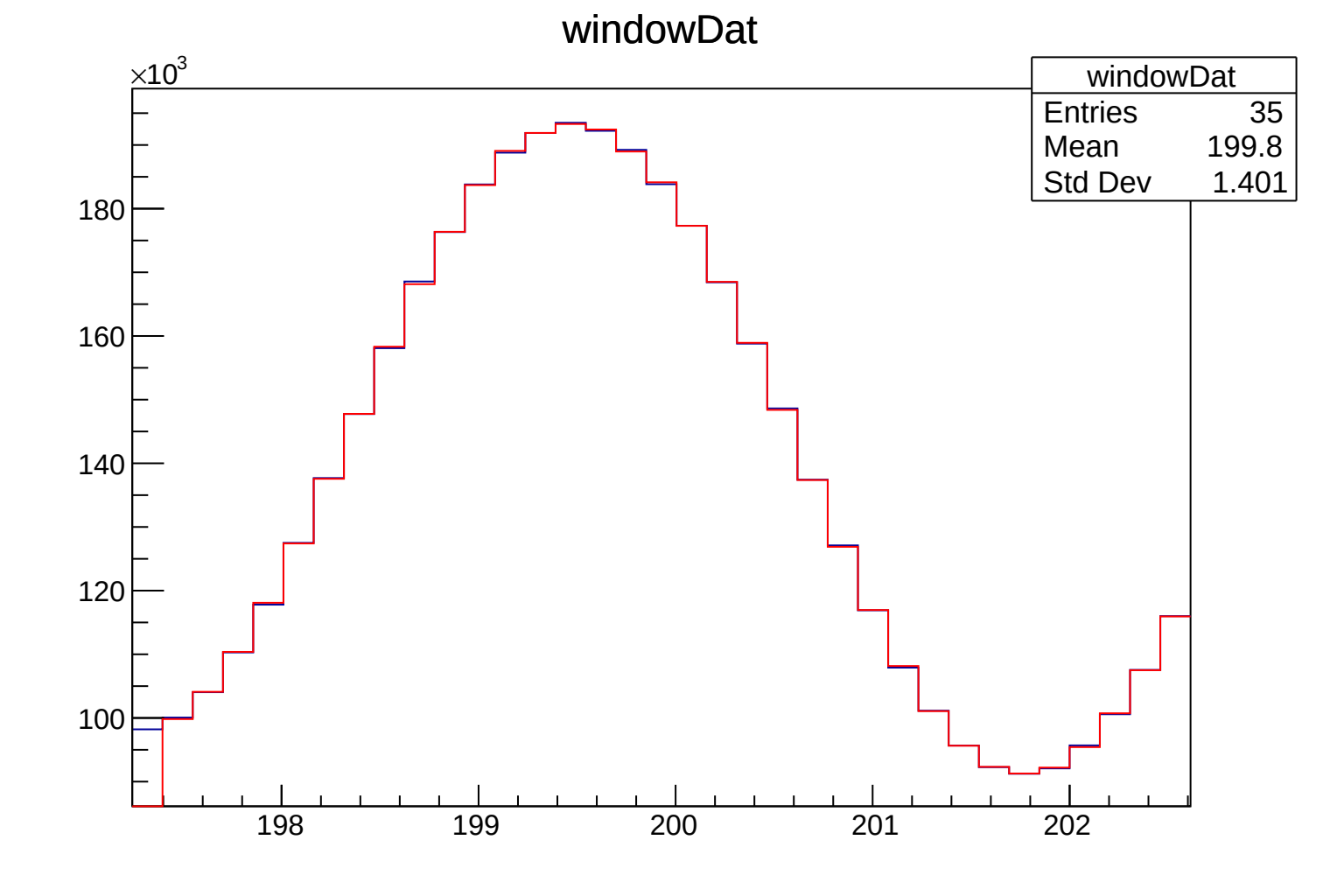
FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.679e+06
Std Dev 8.884e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
1000
2000
3000
4000
5000
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y

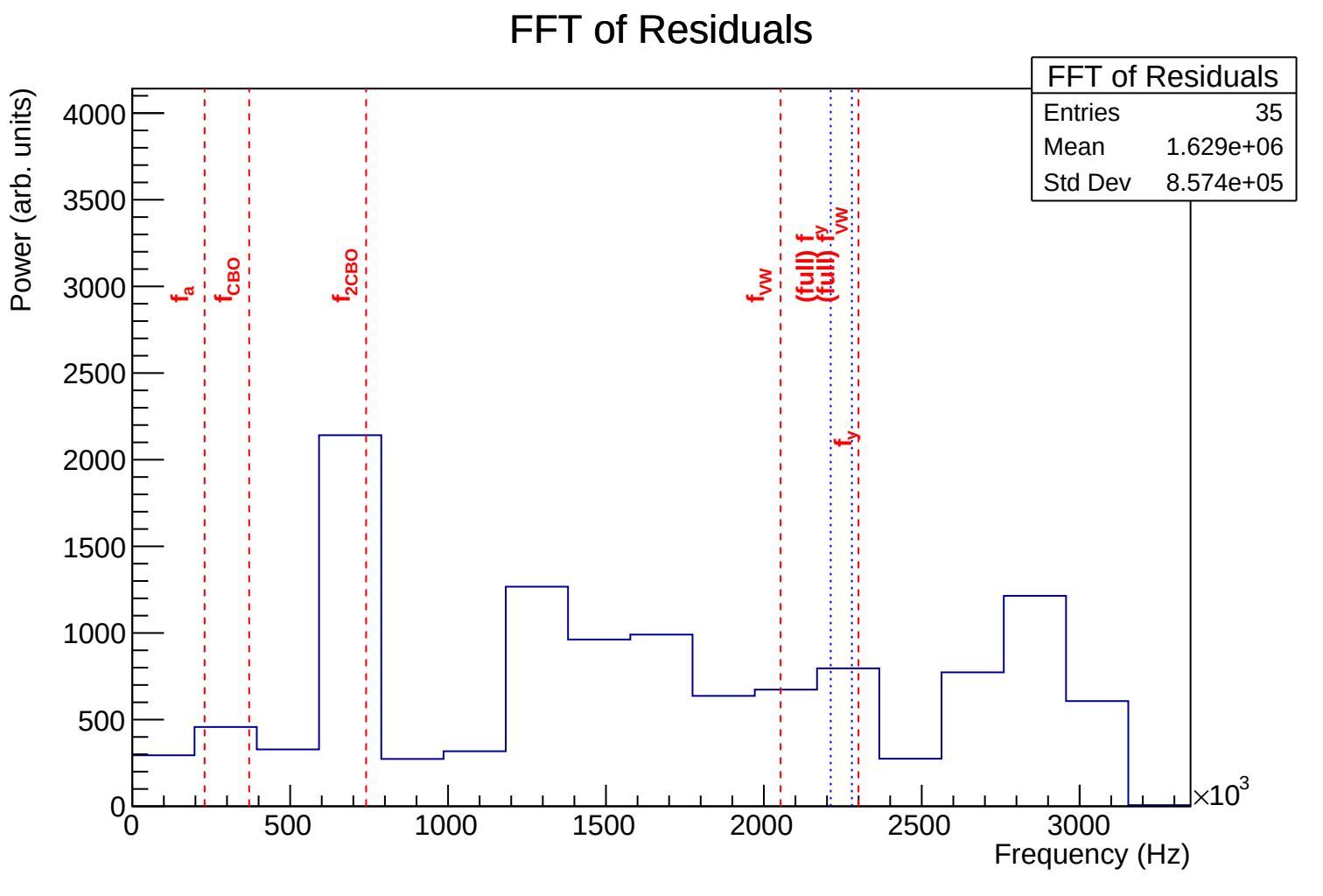

windowDat
×10^3
260
240
220
200
180
160
140
177
178
179
180
181
windowDat
Entries 35
Mean 178.9
Std Dev 1.594

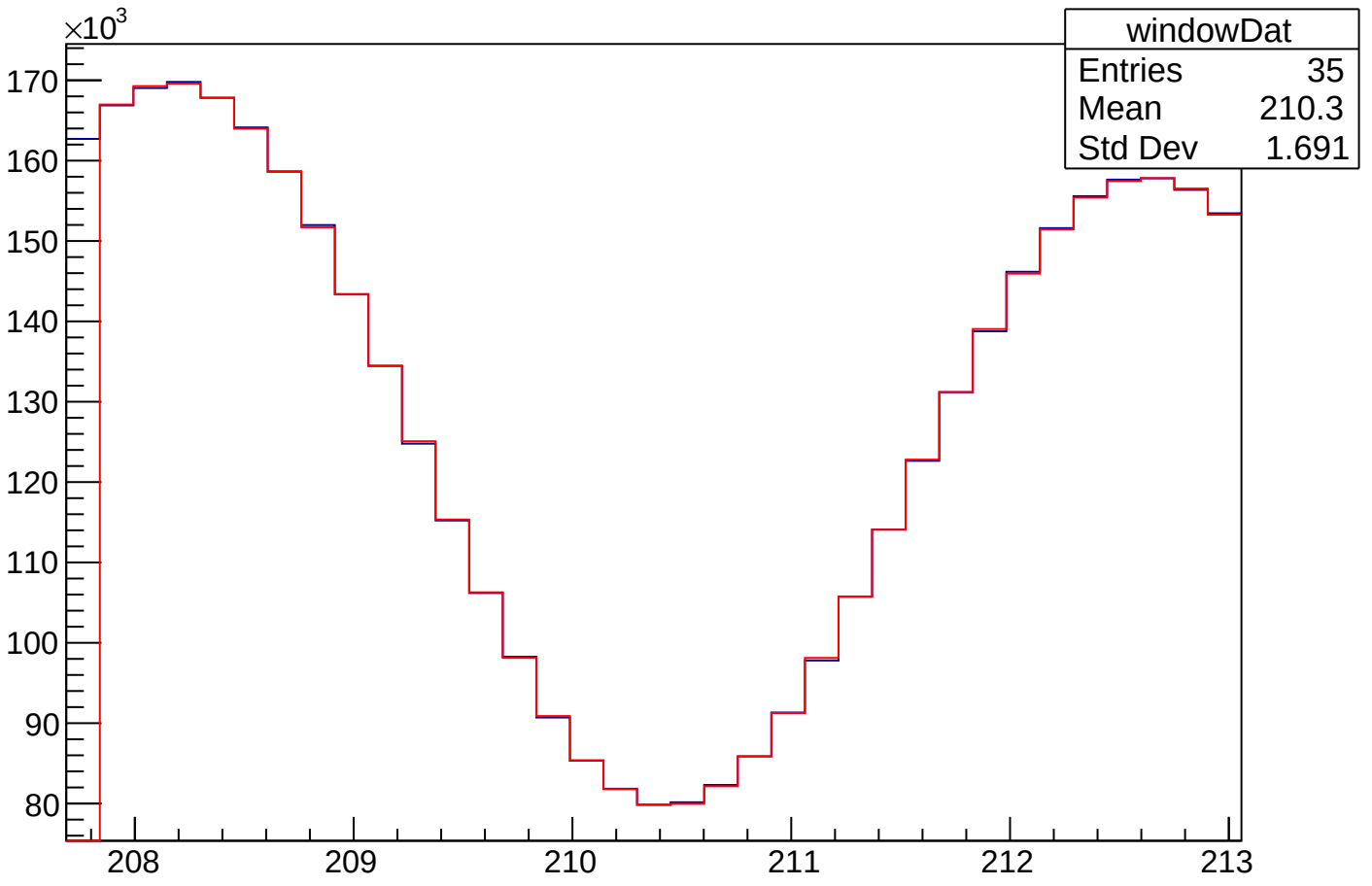

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.856e+06
Std Dev 8.429e+05
Power (arb. units)
3500
3000
2500
2000
1500
1000
500
0
500
1000
1500
2000
2500
3000
×10^3
Frequency (Hz)
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y

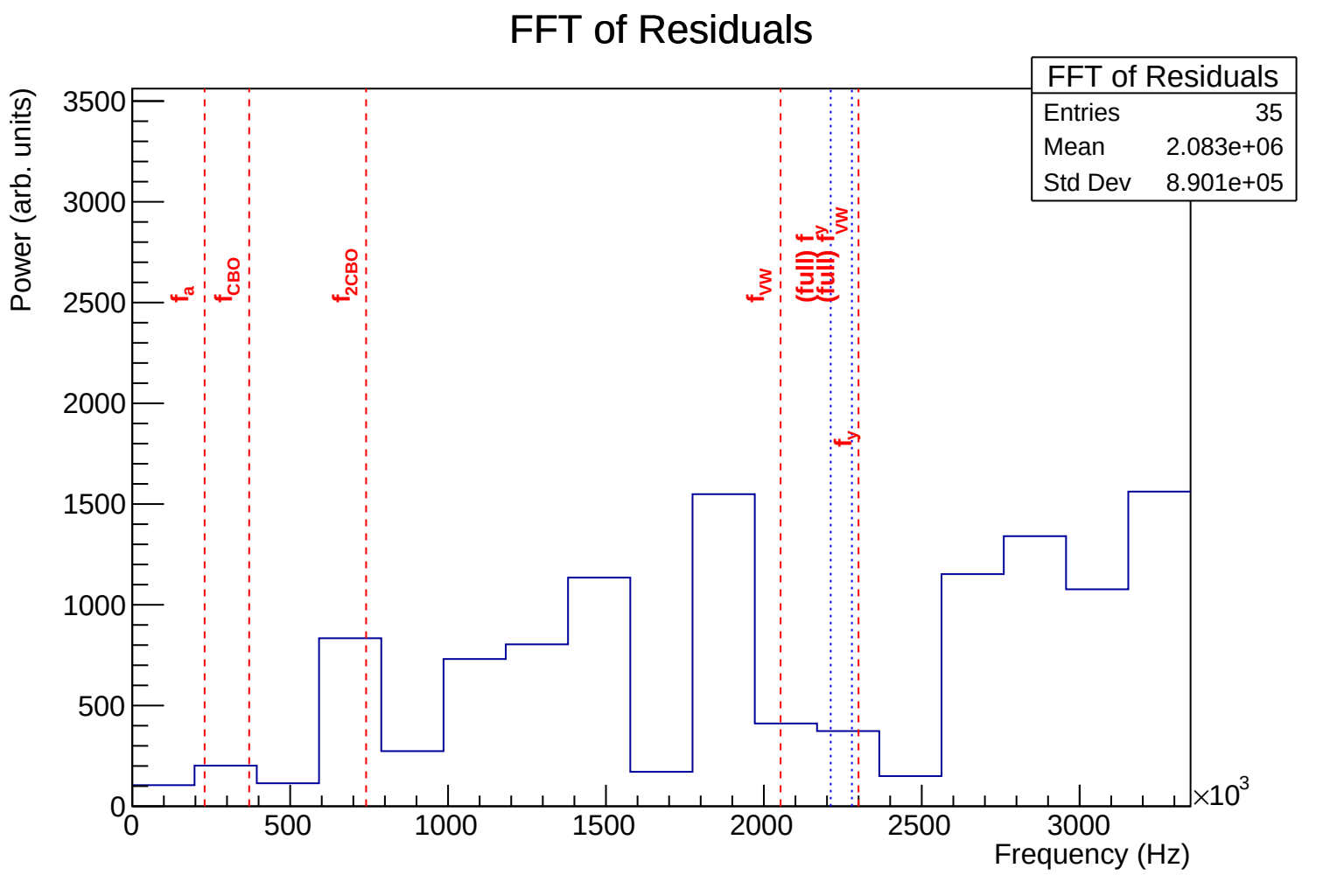

windowDat
×10^3
220
200
180
160
140
120
187
188
189
190
191
192
windowDat
Entries 35
Mean 189.6
Std Dev 1.593

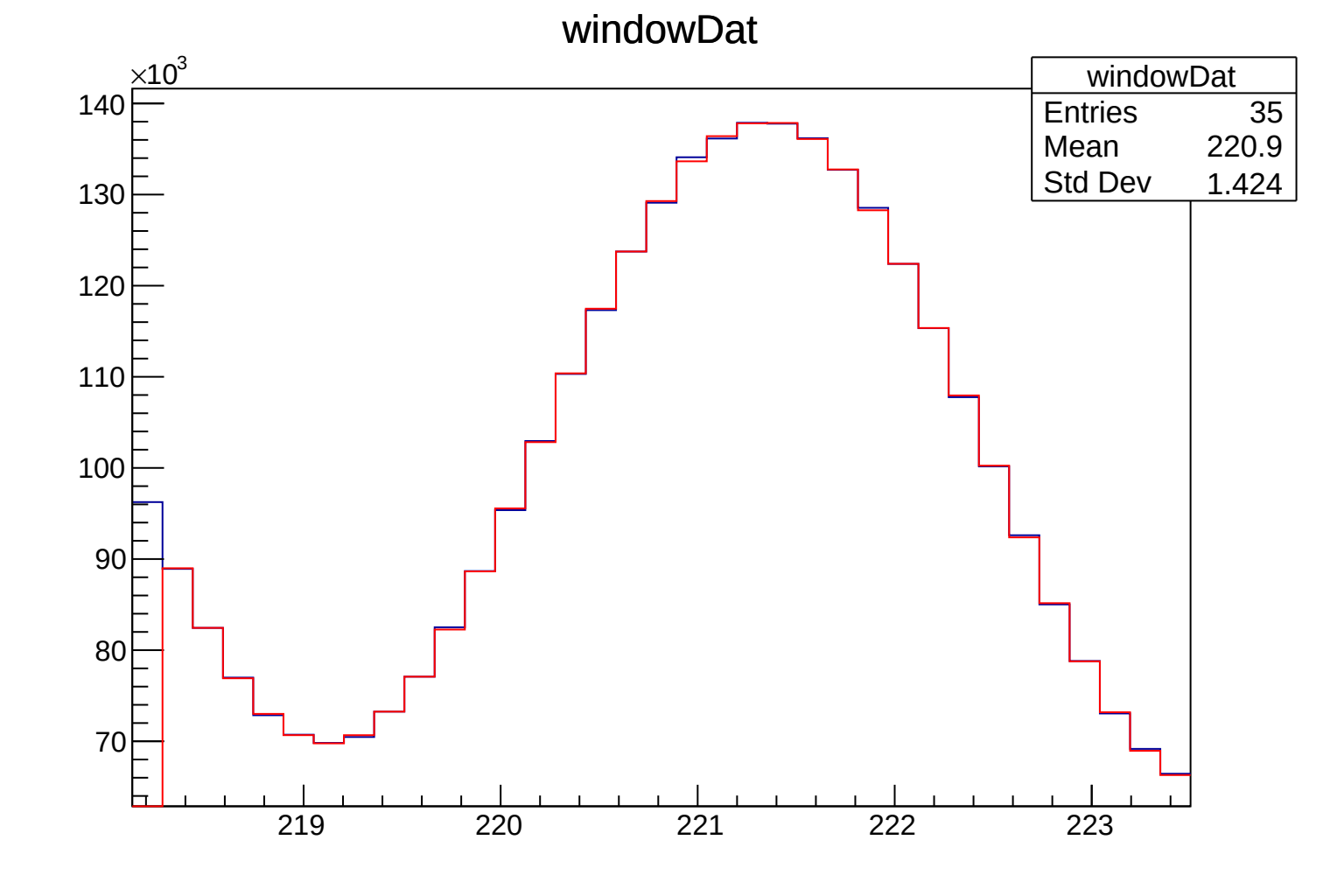

FFT of Residuals
FFT of Residuals
Entries 35
Mean 2.093e+06
Std Dev 8.77e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500
4000

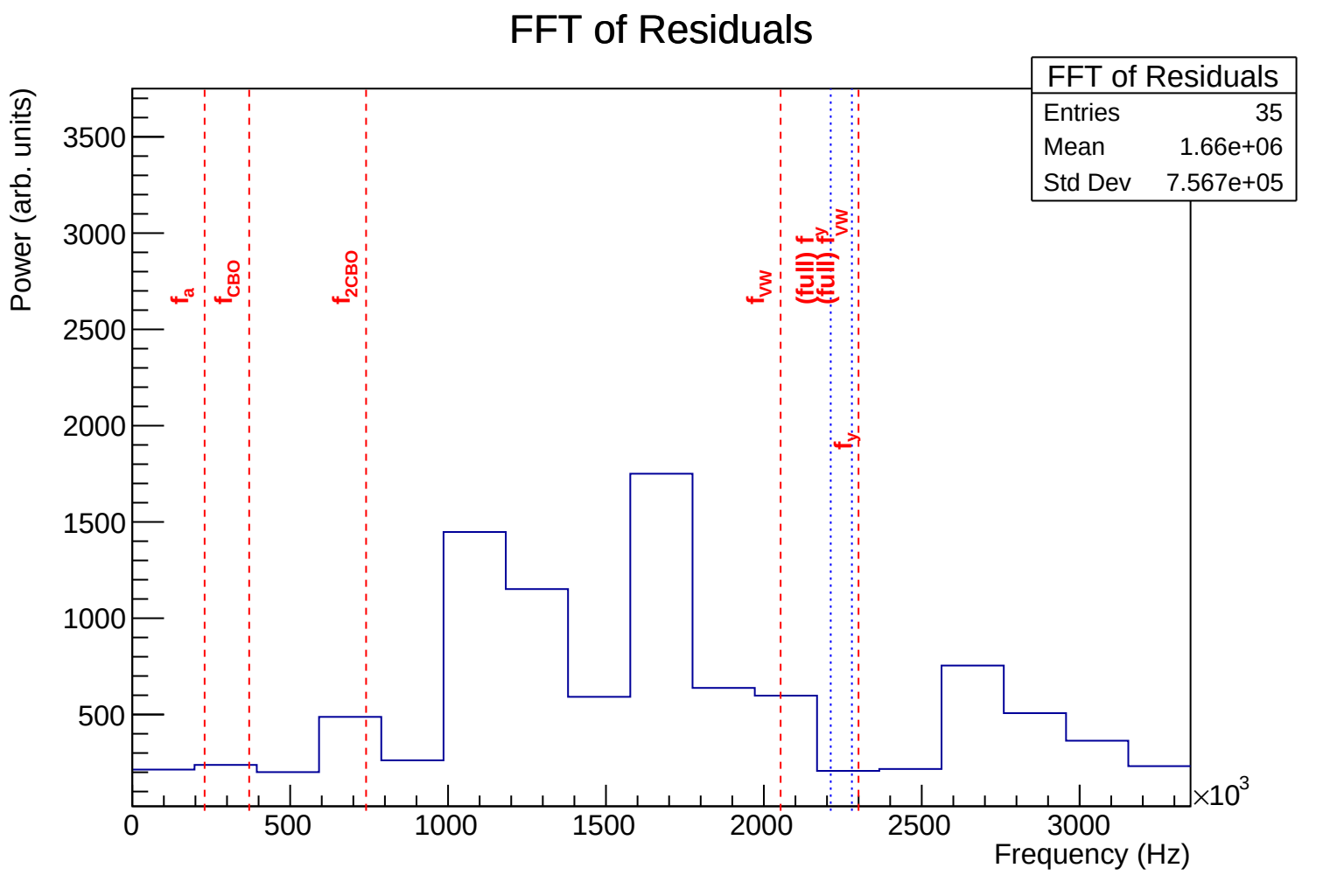

windowDat
×10^3
windowDat
Entries 35
Mean 199.8
Std Dev 1.401
180
160
140
120
100
198
199
200
201
202

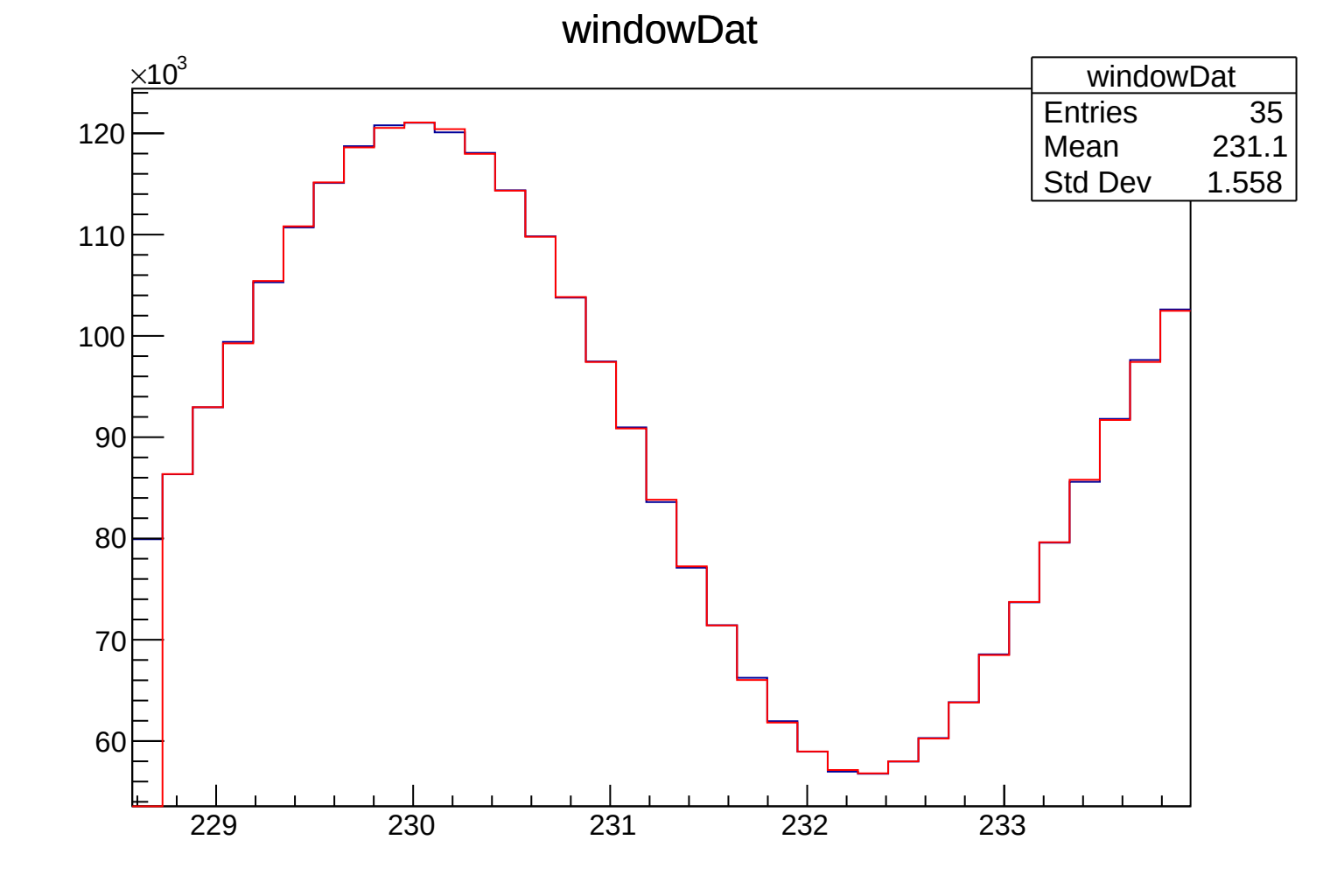

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.629e+06
Std Dev 8.574e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
500
1000
1500
2000
2500
3000
3500
4000

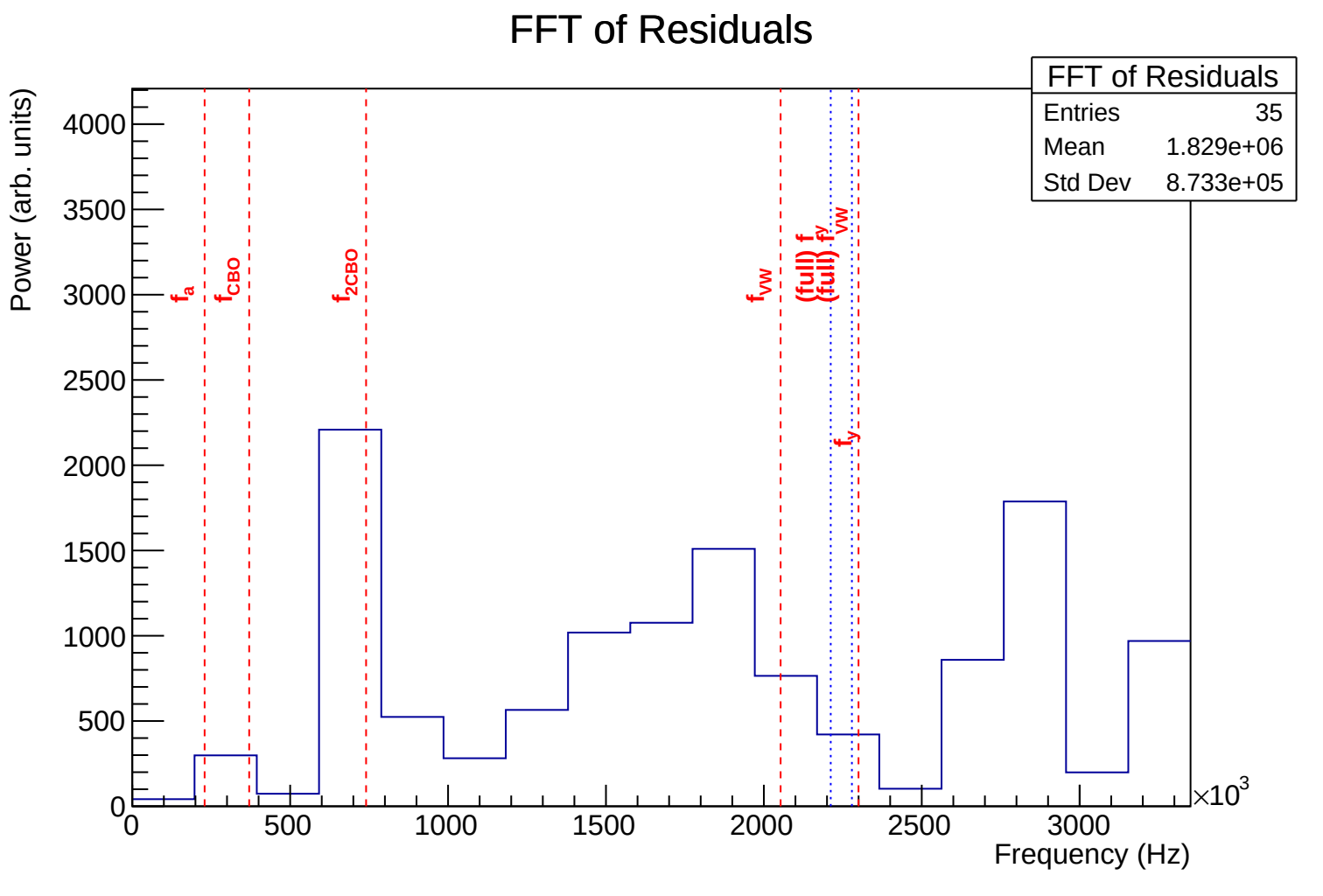

windowDat
×10^3
170
160
150
140
130
120
110
100
90
80
208
209
210
211
212
213
windowDat
Entries 35
Mean 210.3
Std Dev 1.691

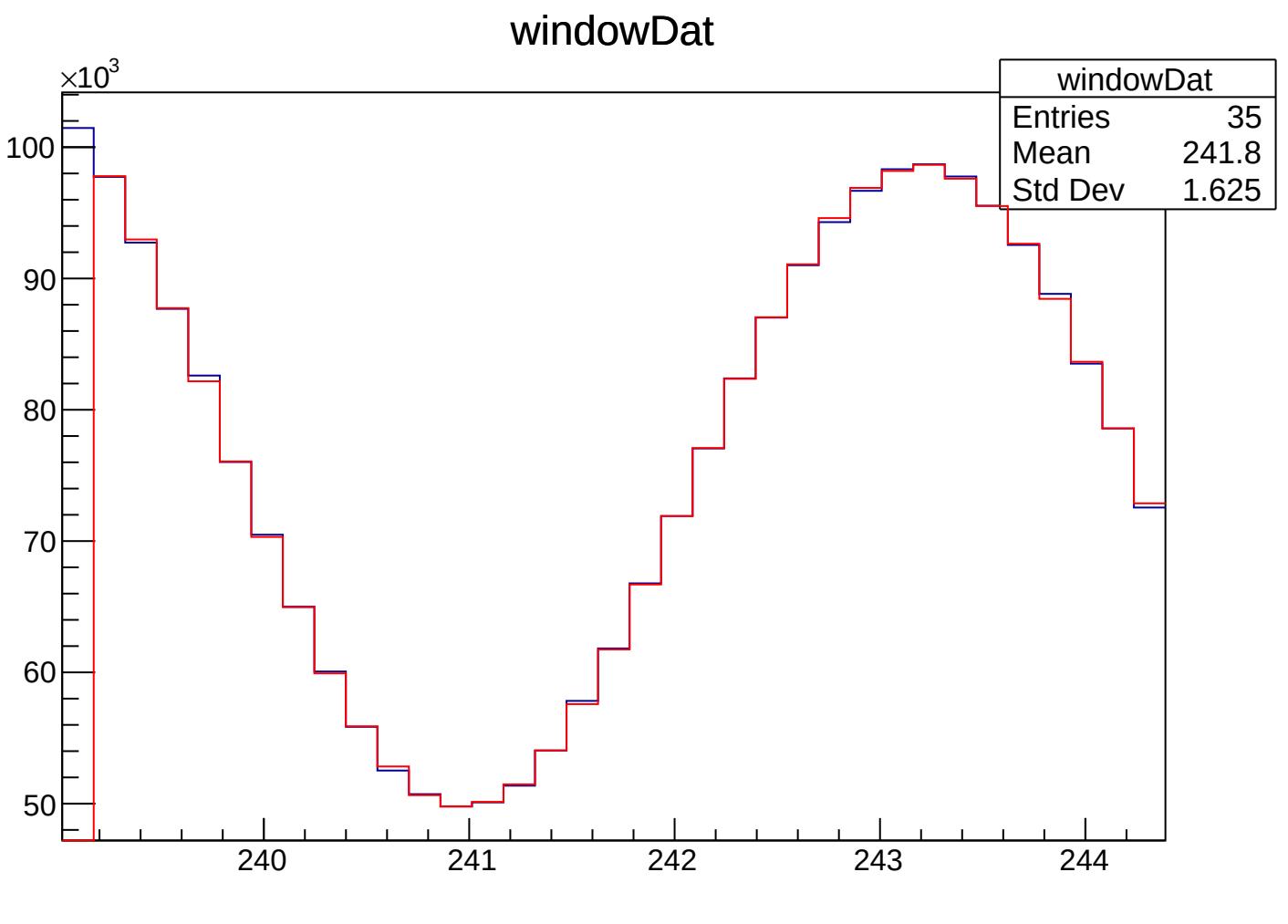

FFT of Residuals
FFT of Residuals
Entries 35
Mean 2.083e+06
Std Dev 8.901e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000
3500

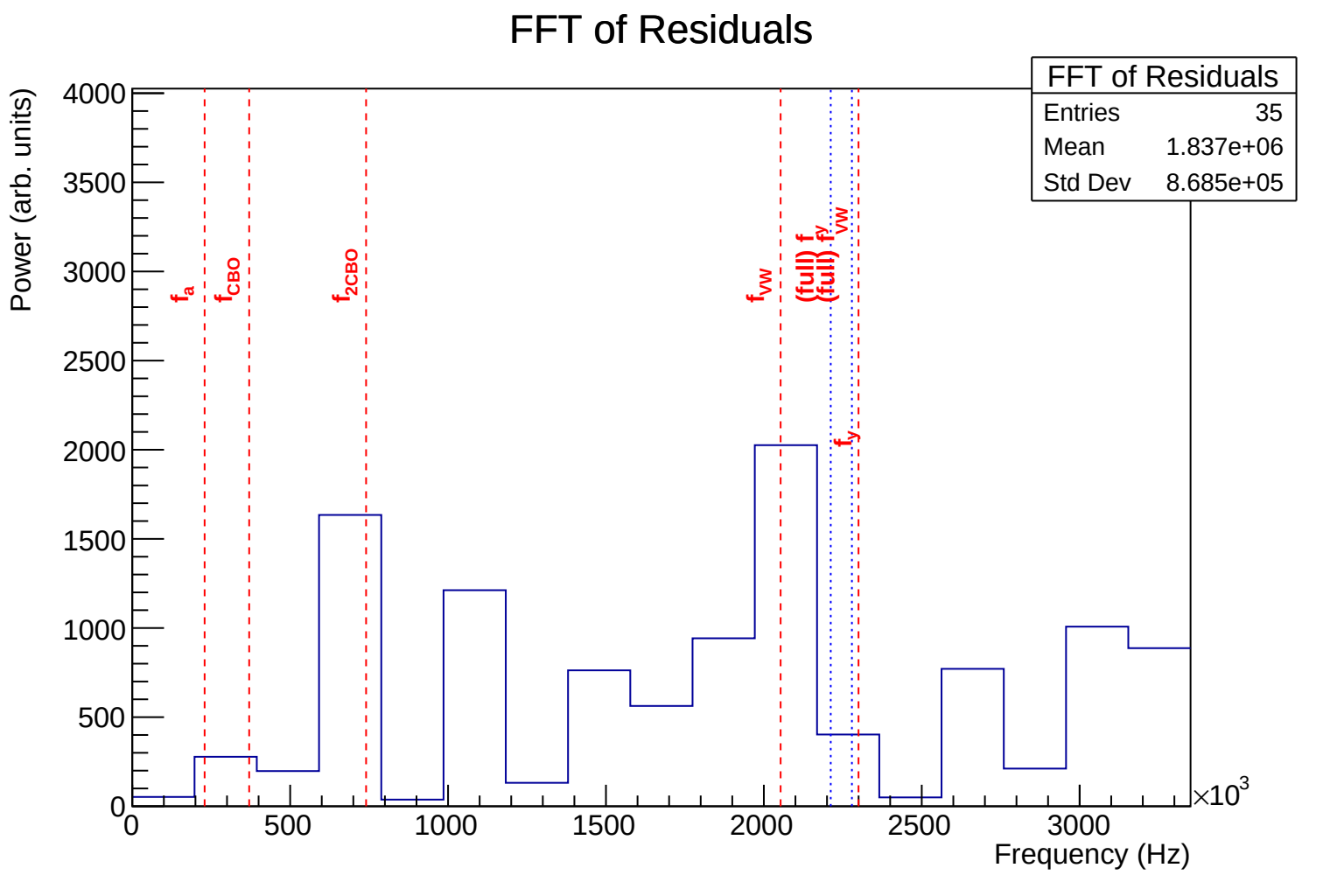

windowDat
×10^3
140
130
120
110
100
90
80
70
219
220
221
222
223
windowDat
Entries 35
Mean 220.9
Std Dev 1.424

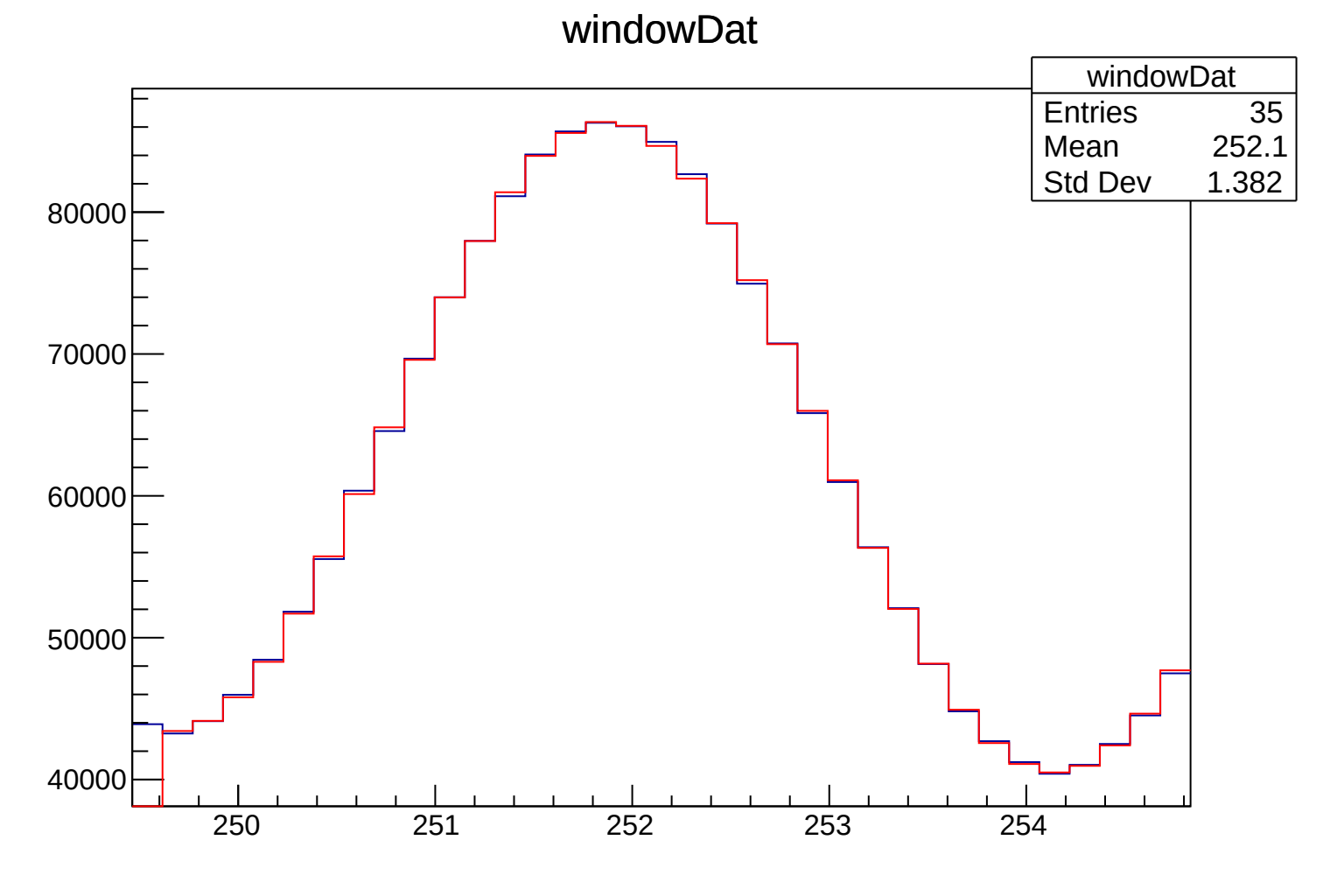

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.66e+06
Std Dev 7.567e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_VW
(full) f_y
f_y
0
500
1000
1500
2000
2500
3000
3500

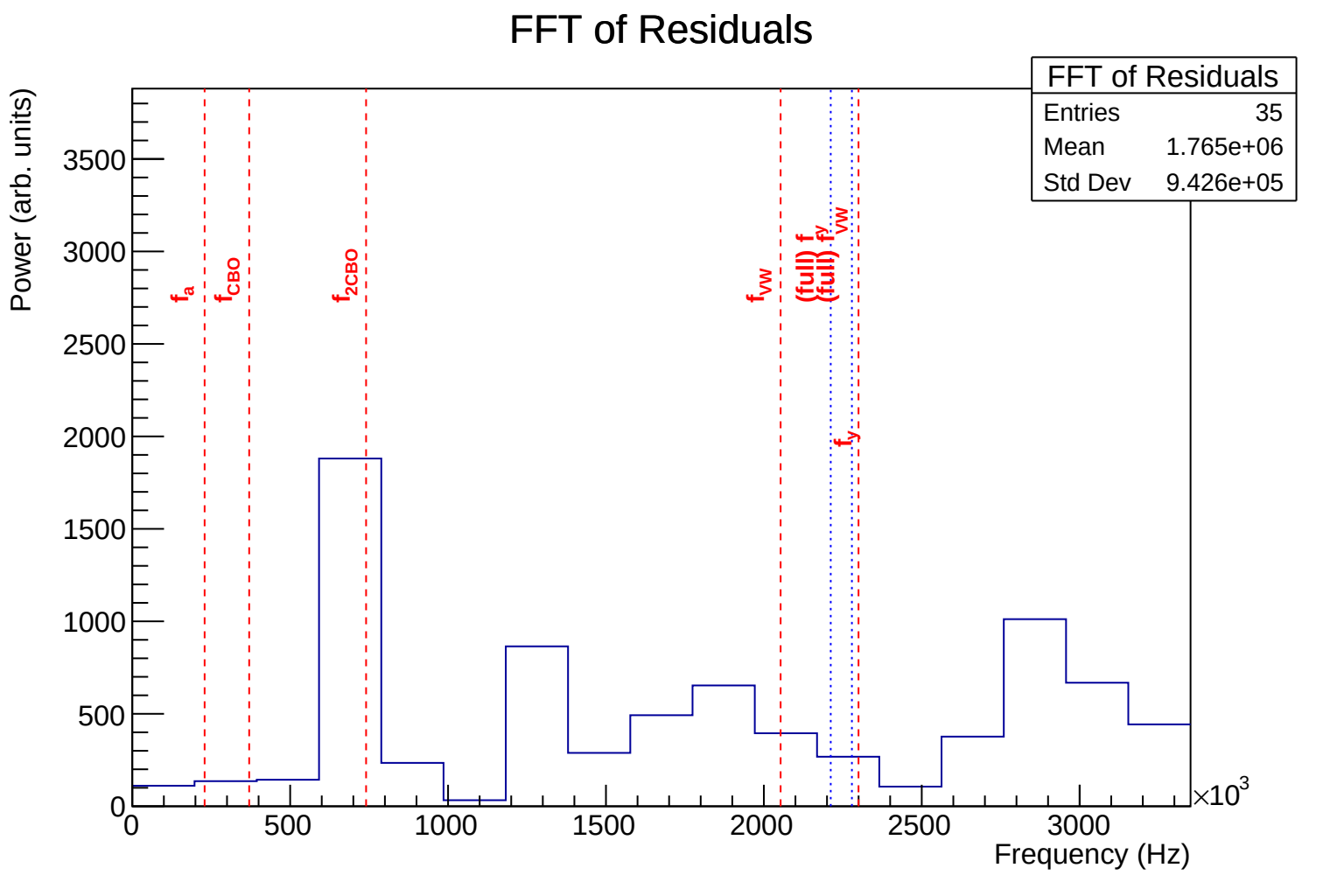

windowDat
×10^3
120
110
100
90
80
70
60
229
230
231
232
233
windowDat
Entries 35
Mean 231.1
Std Dev 1.558

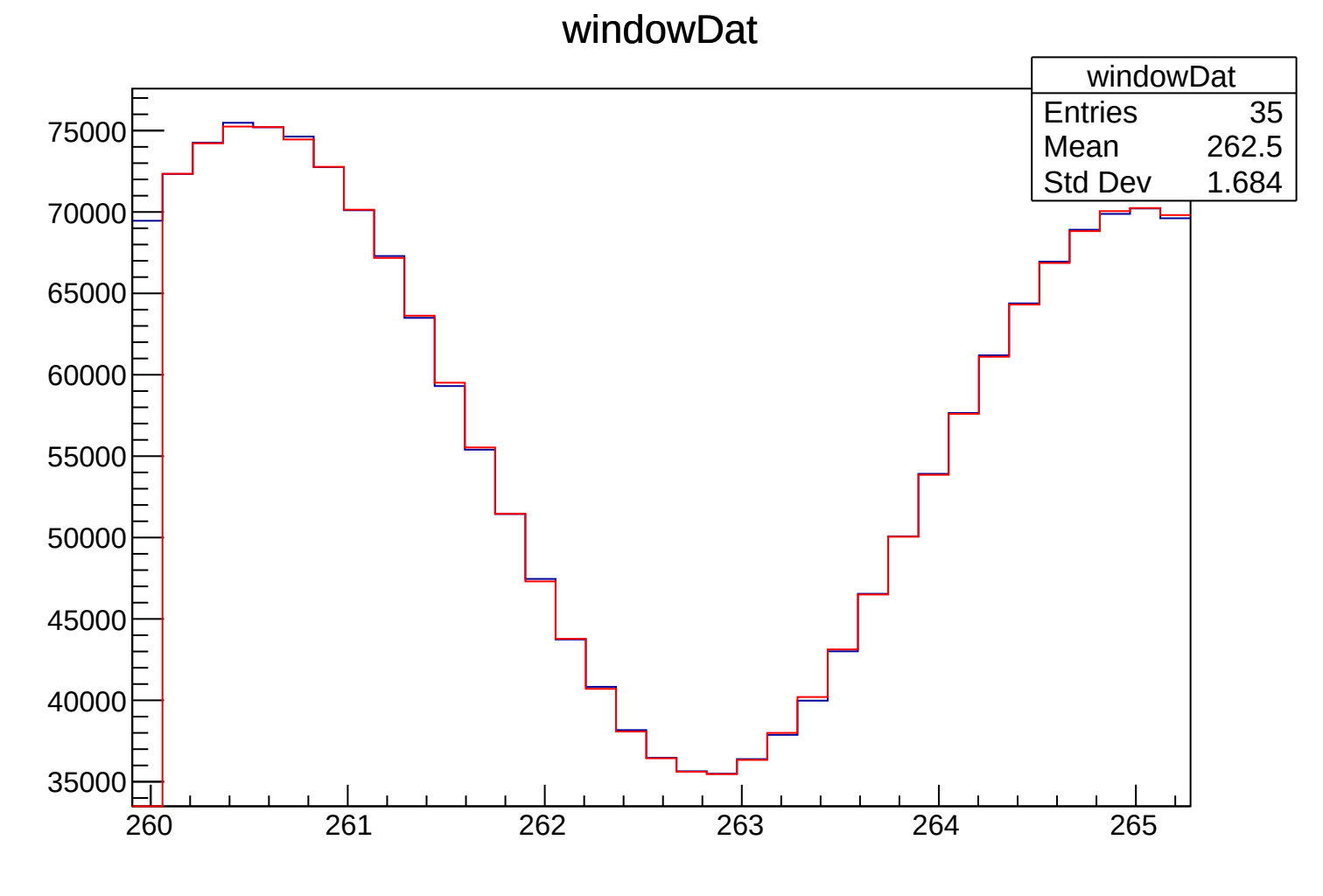

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.829e+06
Std Dev 8.733e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
3500
4000

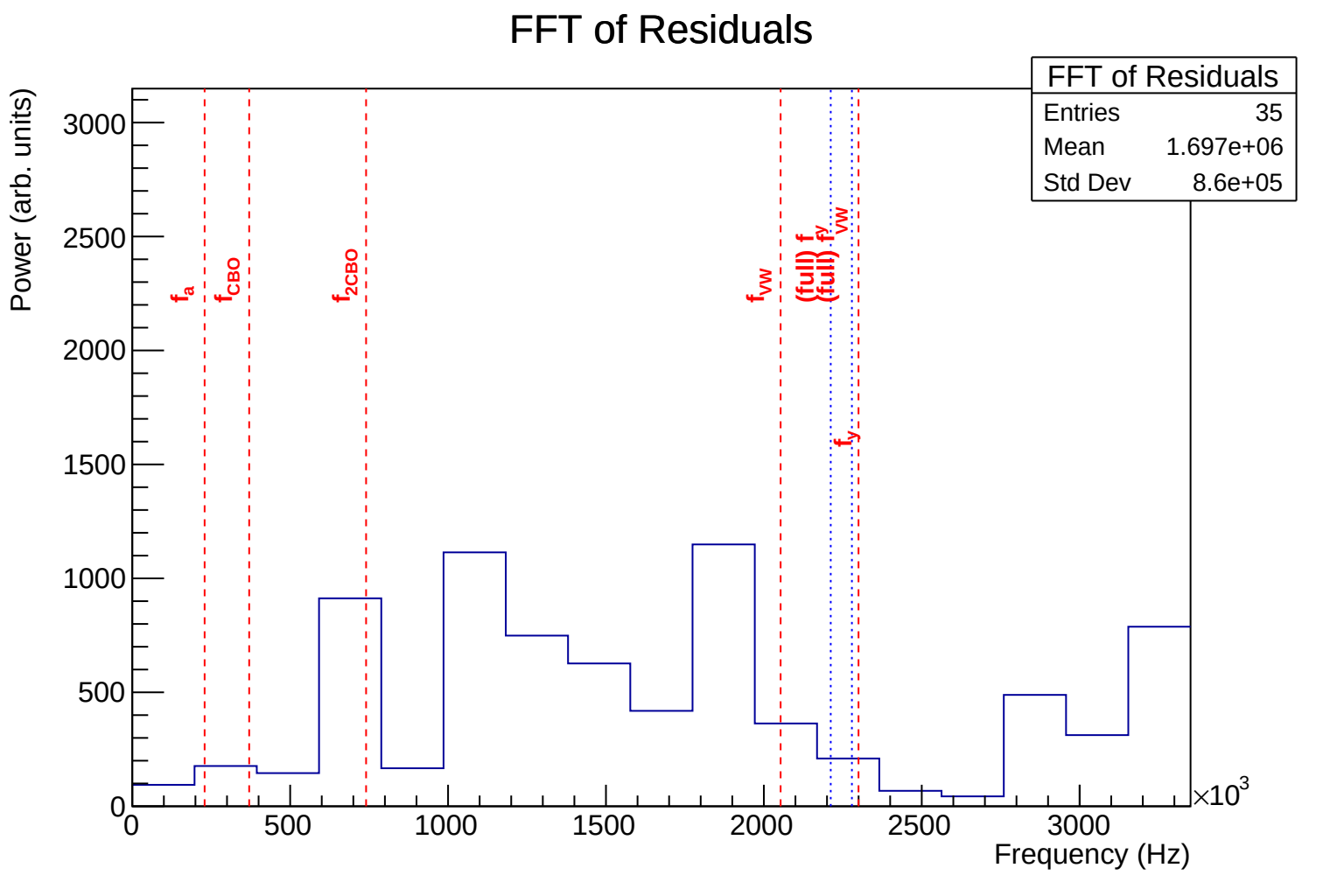

windowDat
×10^3
100
90
80
70
60
50
240
241
242
243
244
windowDat
Entries 35
Mean 241.8
Std Dev 1.625

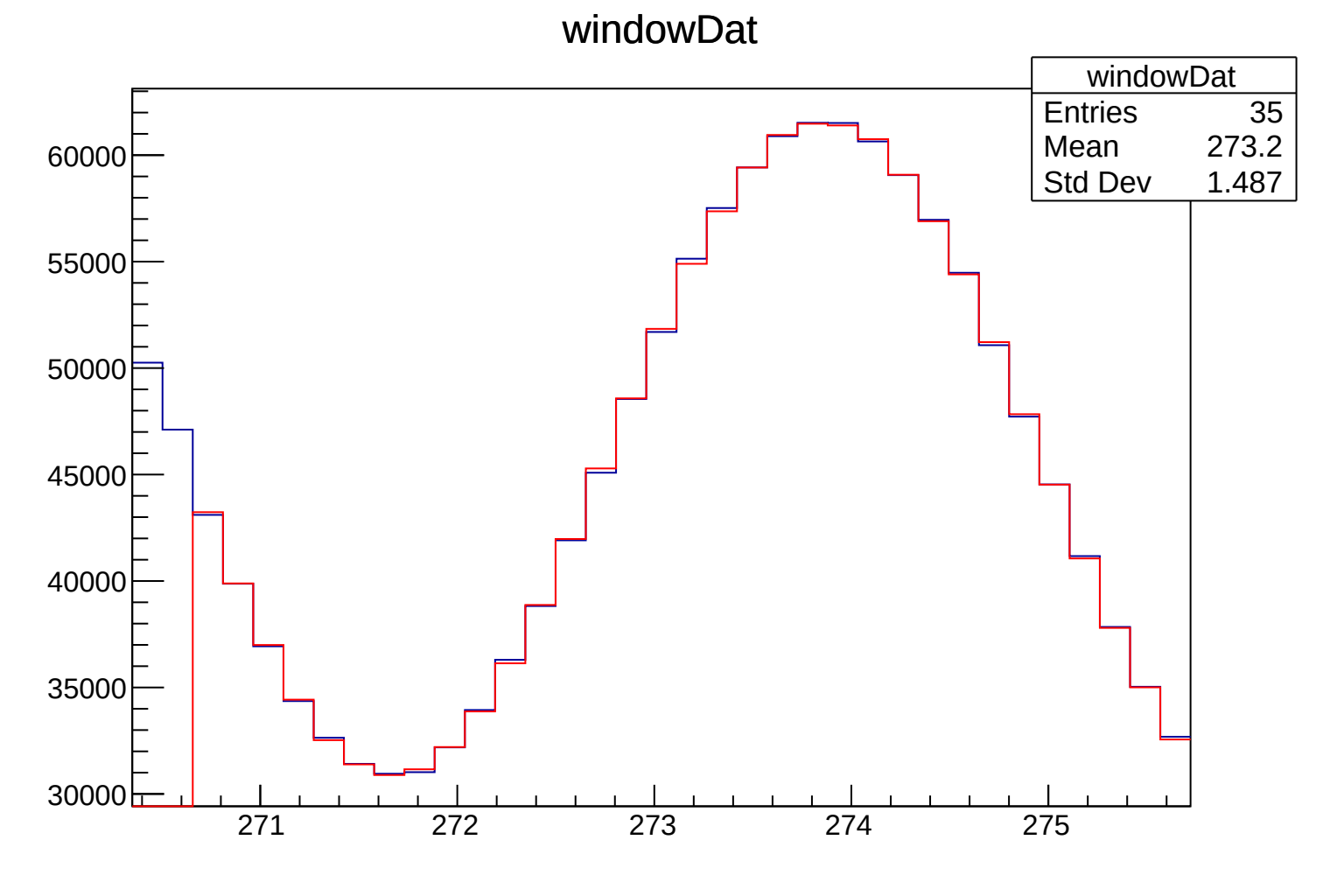

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.837e+06
Std Dev 8.685e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
3500
4000

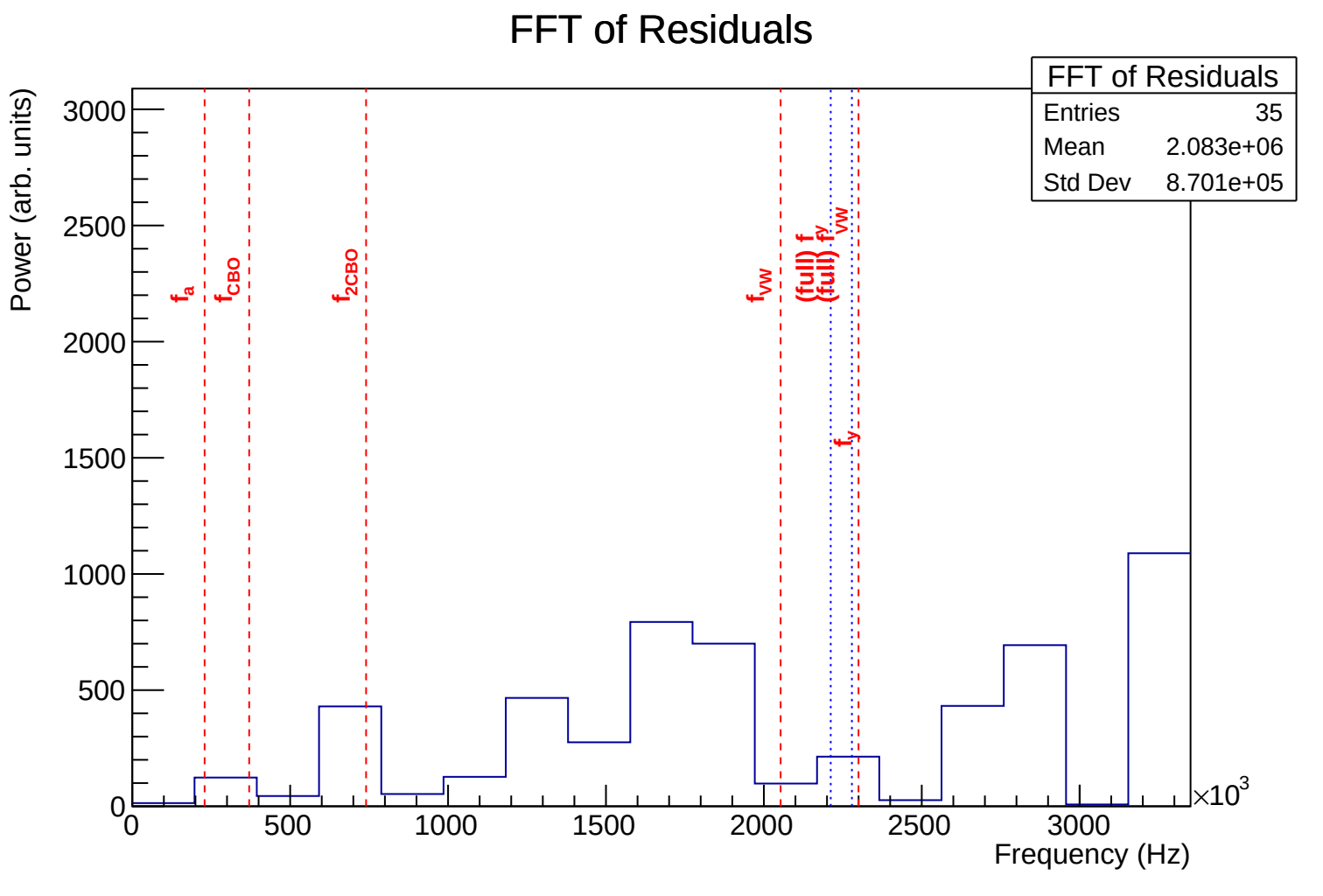

windowDat
windowDat
Entries 35
Mean 252.1
Std Dev 1.382
80000
70000
60000
50000
40000
250
251
252
253
254

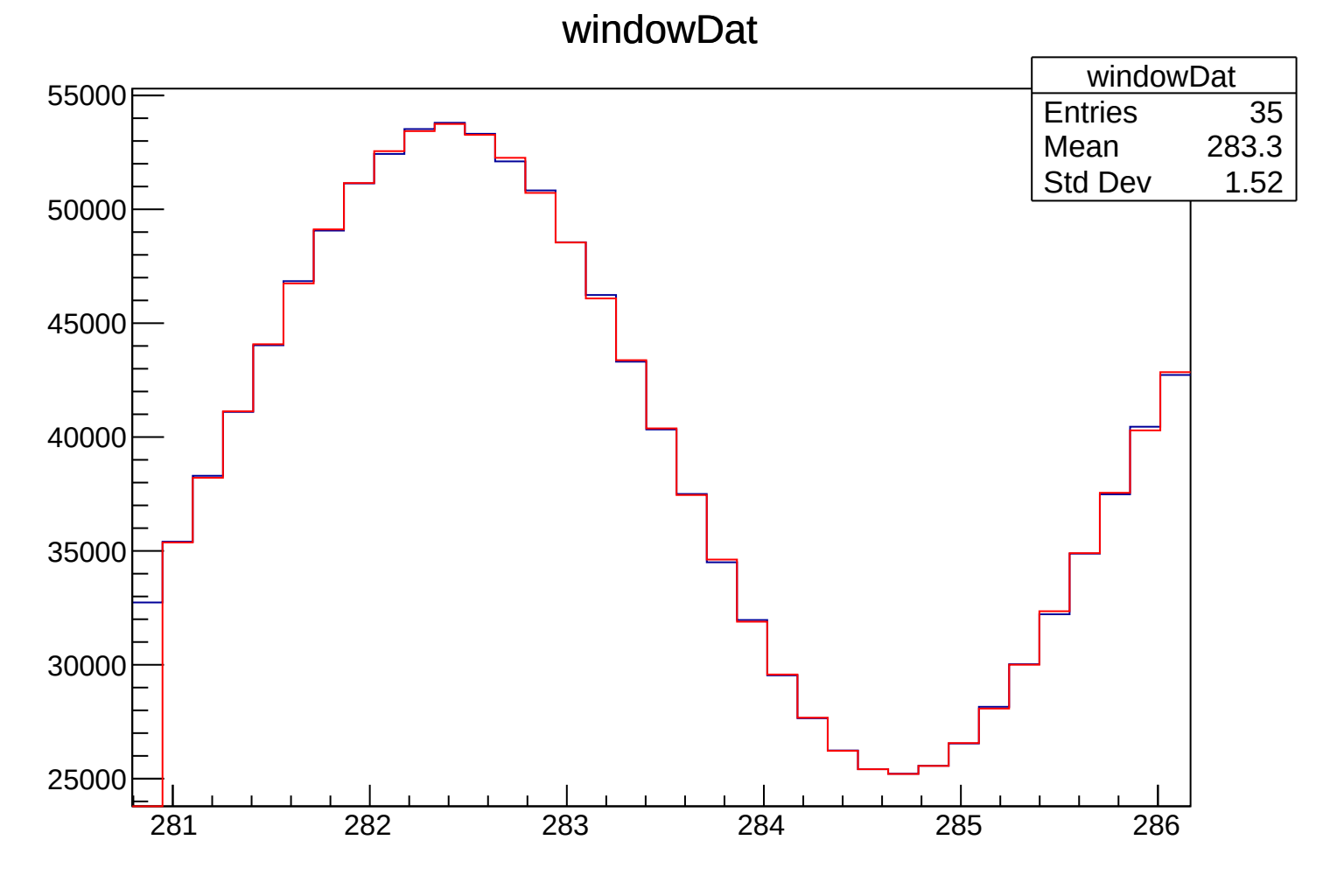

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.765e+06
Std Dev 9.426e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000
3500

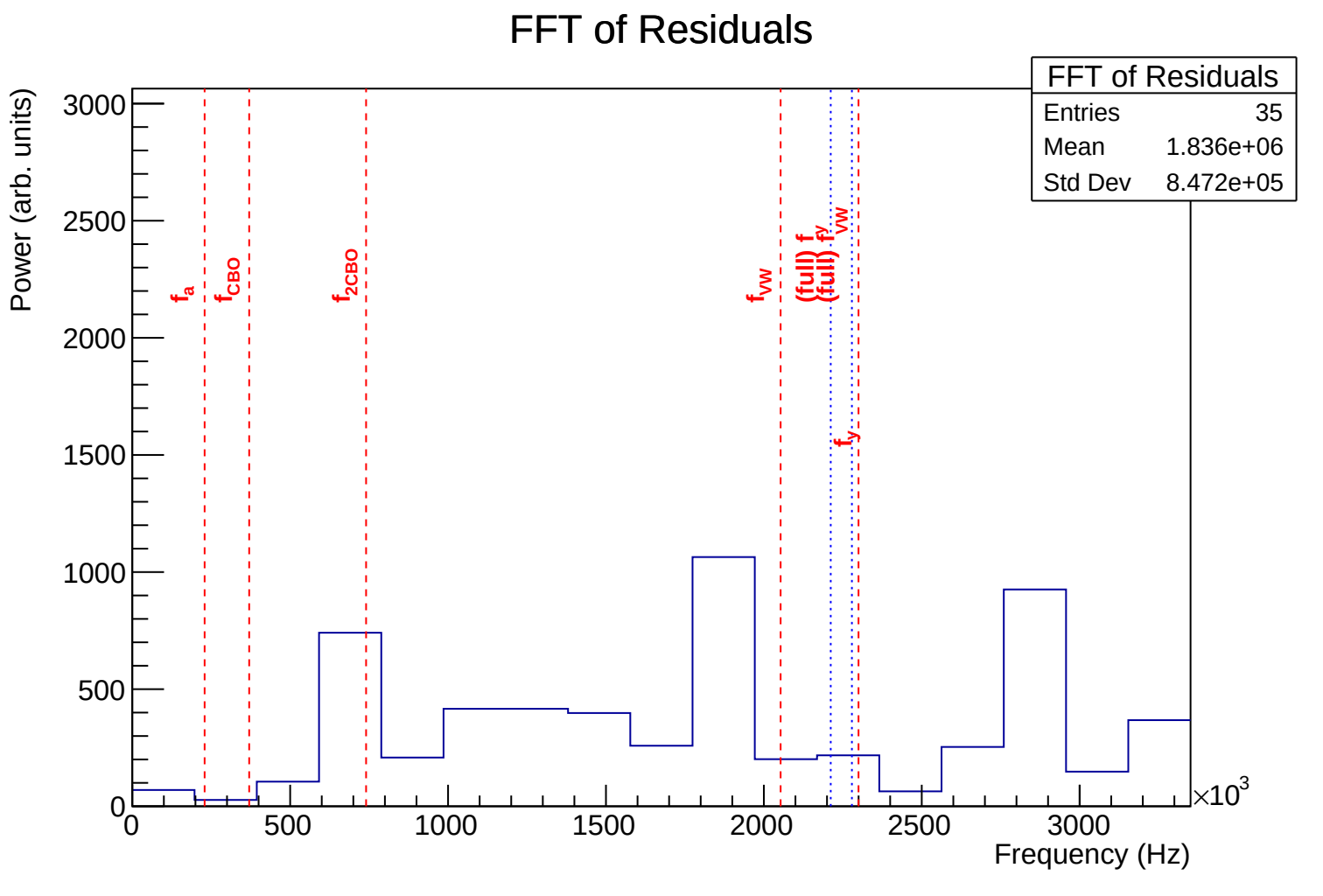

windowDat
windowDat
Entries 35
Mean 262.5
Std Dev 1.684
75000
70000
65000
60000
55000
50000
45000
40000
35000
260
261
262
263
264
265

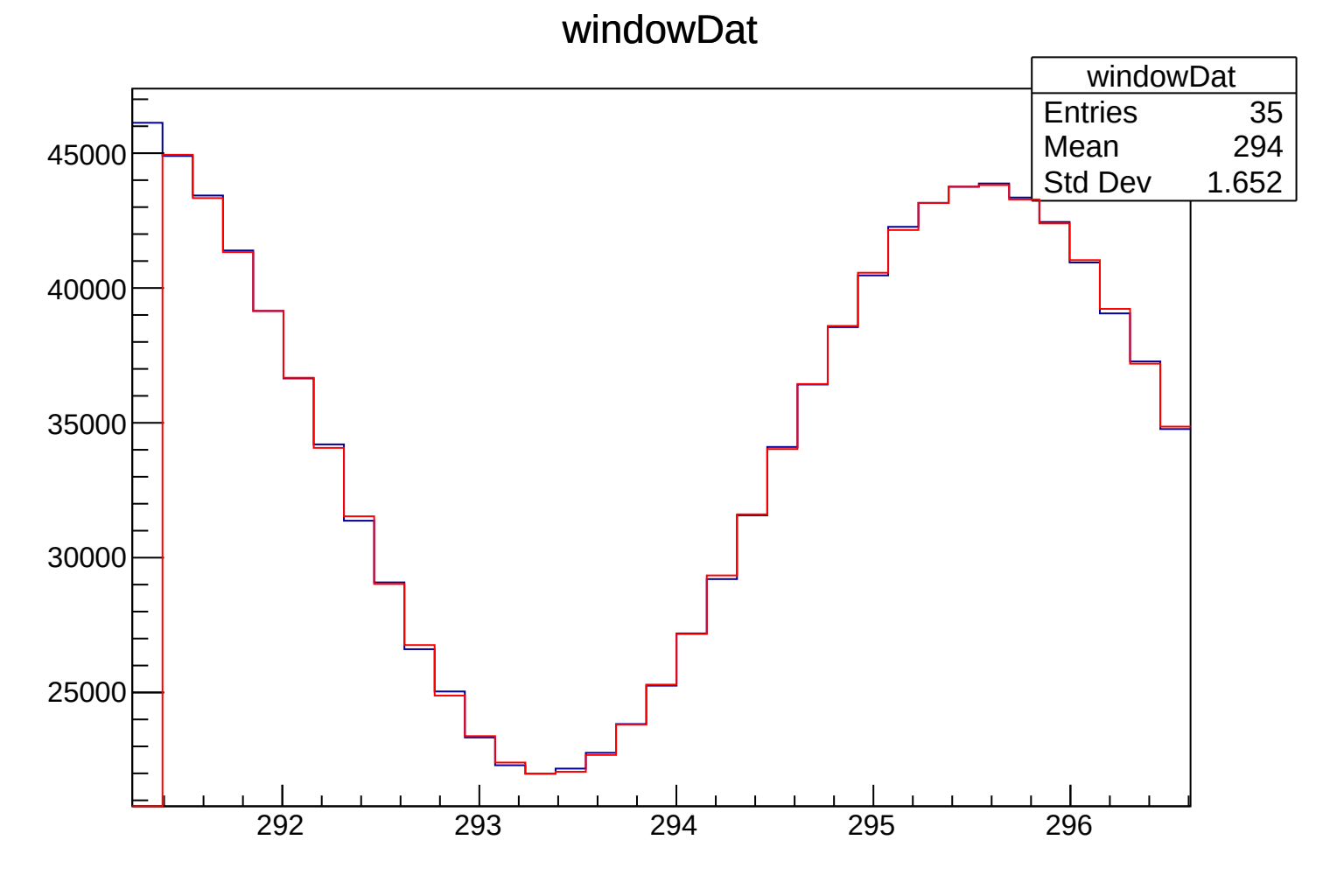

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.697e+06
Std Dev 8.6e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

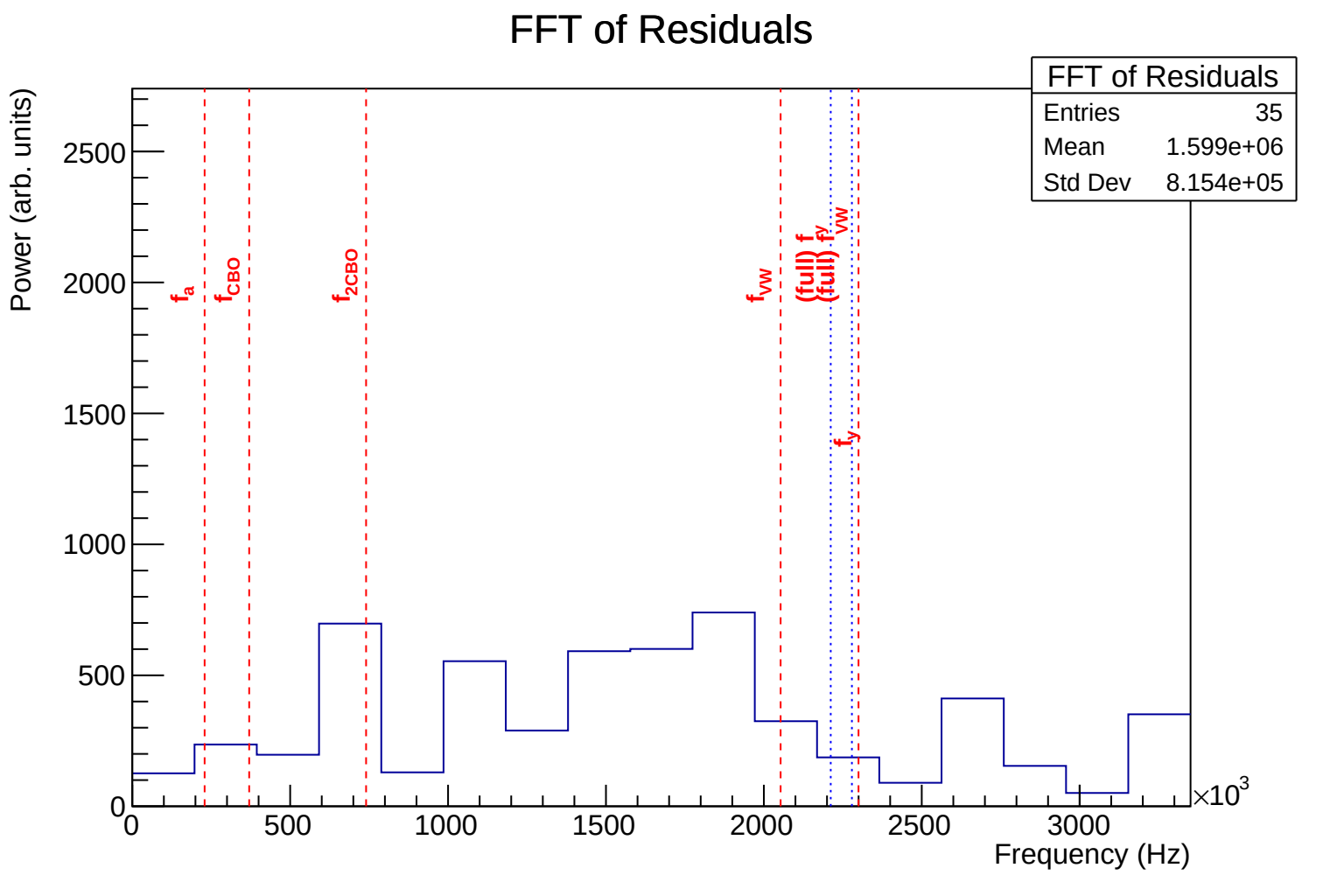

windowDat
windowDat
Entries 35
Mean 273.2
Std Dev 1.487
60000
55000
50000
45000
40000
35000
30000
271
272
273
274
275

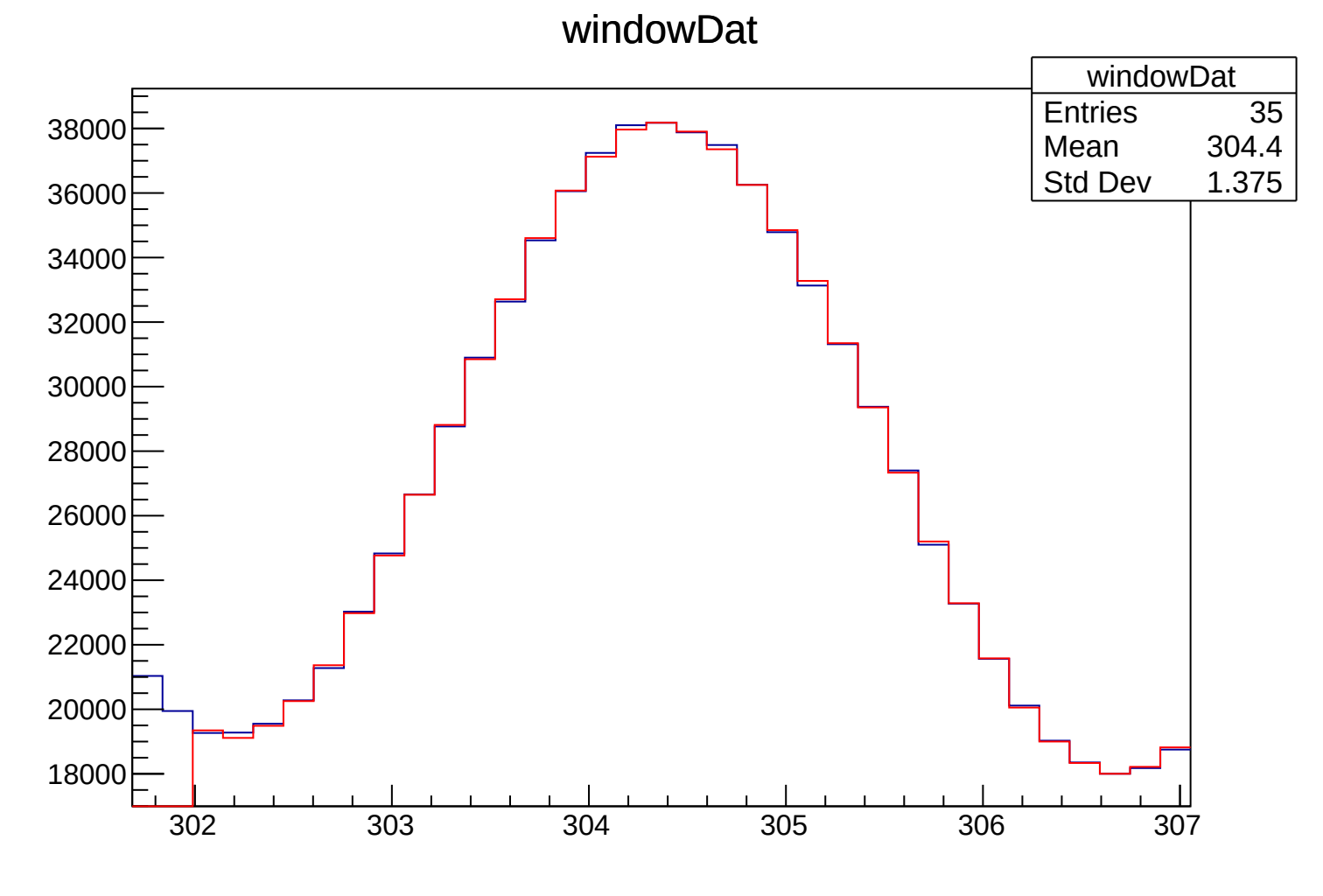

FFT of Residuals
FFT of Residuals
Entries 35
Mean 2.083e+06
Std Dev 8.701e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

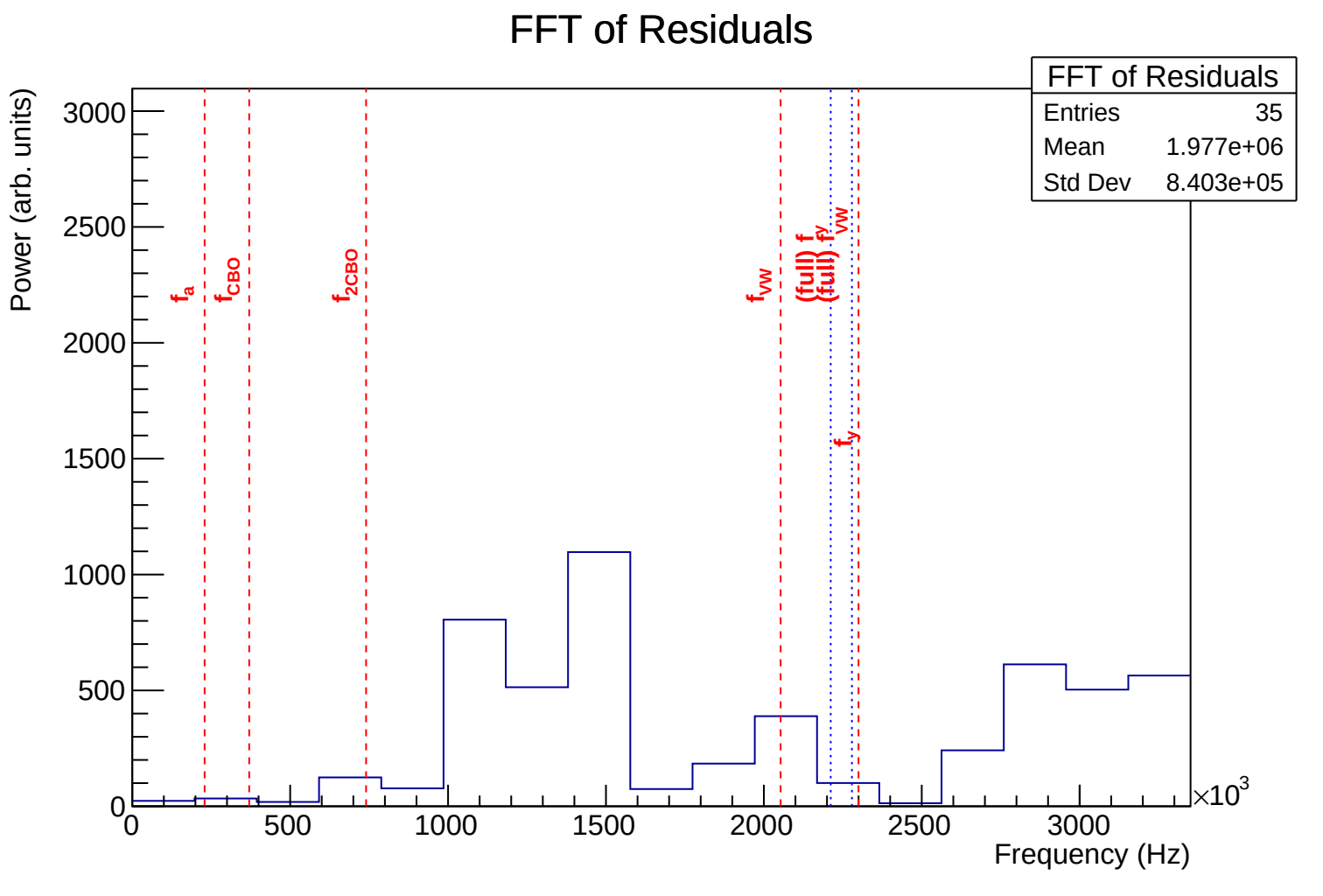

windowDat
windowDat
Entries 35
Mean 283.3
Std Dev 1.52
55000
50000
45000
40000
35000
30000
25000
281
282
283
284
285
286

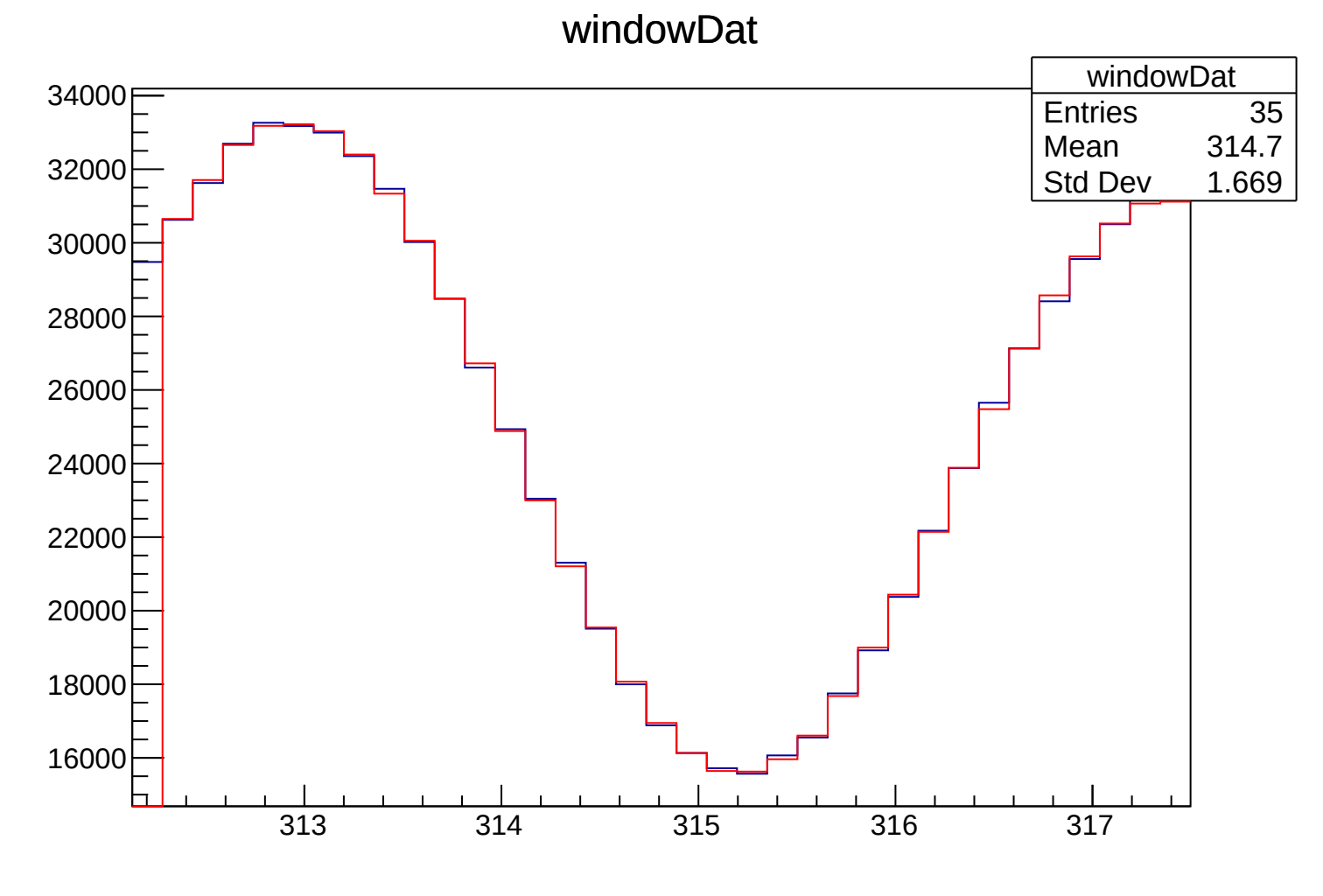

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.836e+06
Std Dev 8.472e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000

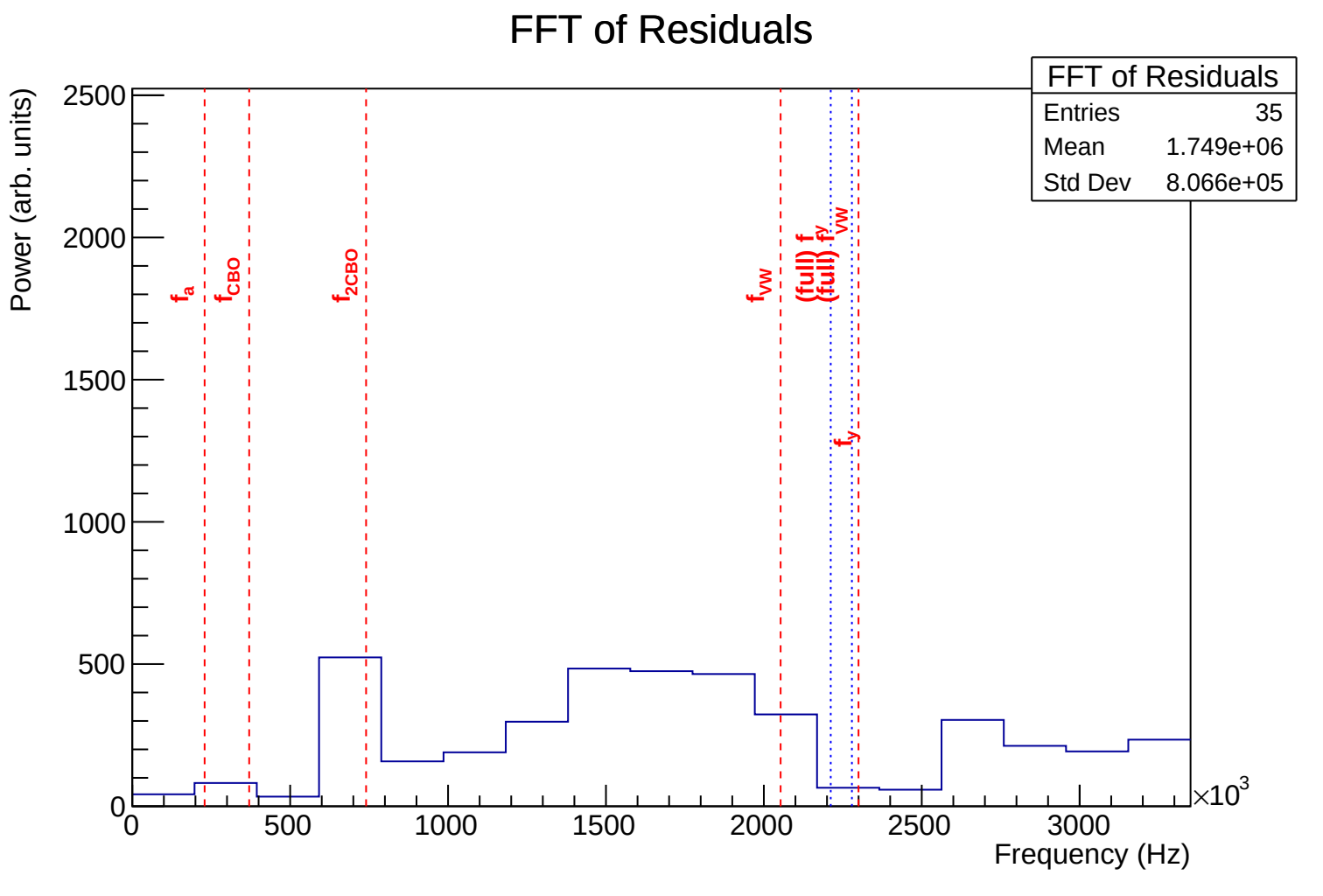

windowDat
windowDat
Entries 35
Mean 294
Std Dev 1.652
45000
40000
35000
30000
25000
292
293
294
295
296

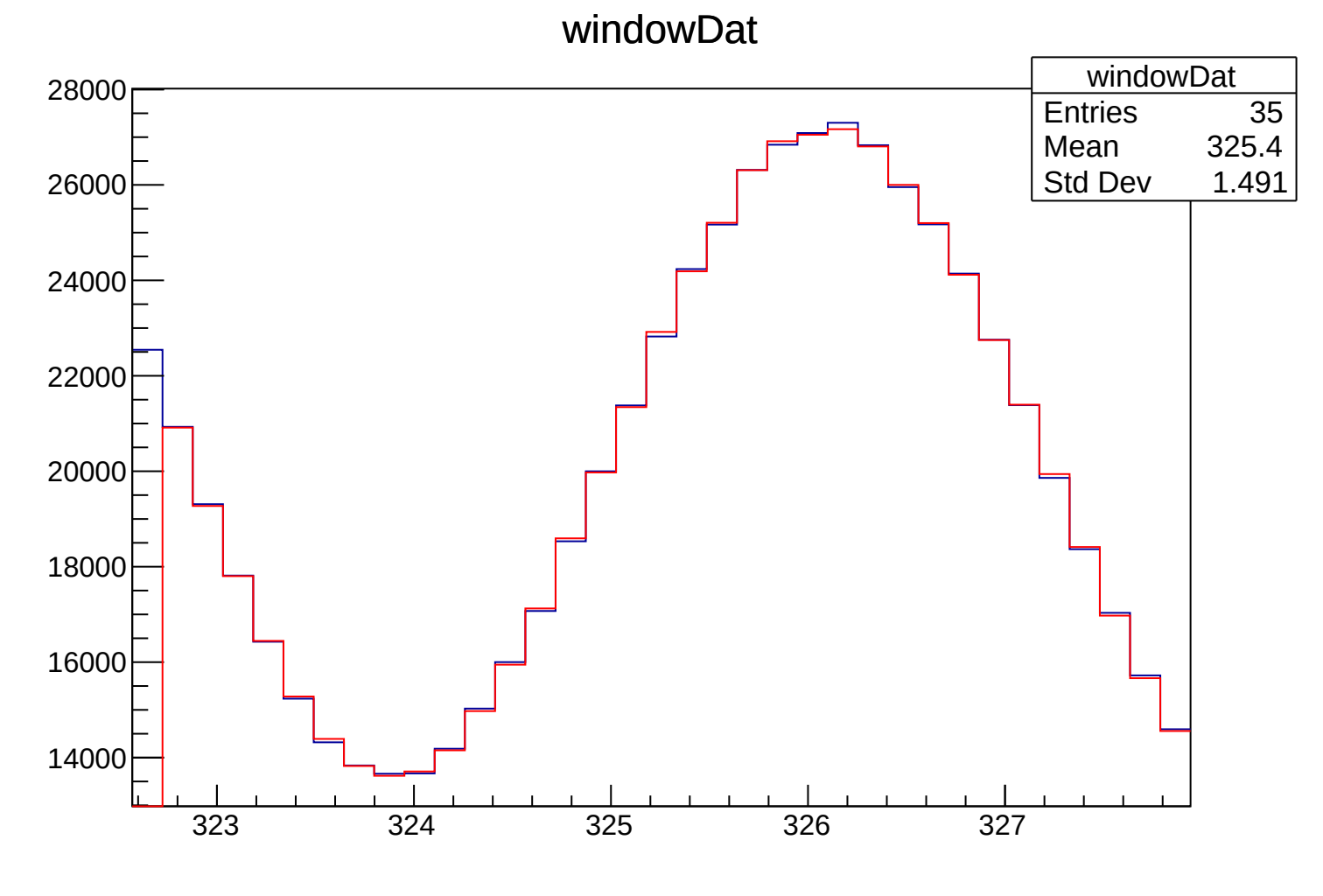

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.599e+06
Std Dev 8.154e+05
Power (arb. units)
Frequency (Hz)
×10^3
0
500
1000
1500
2000
2500
3000
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y,VW
f_y

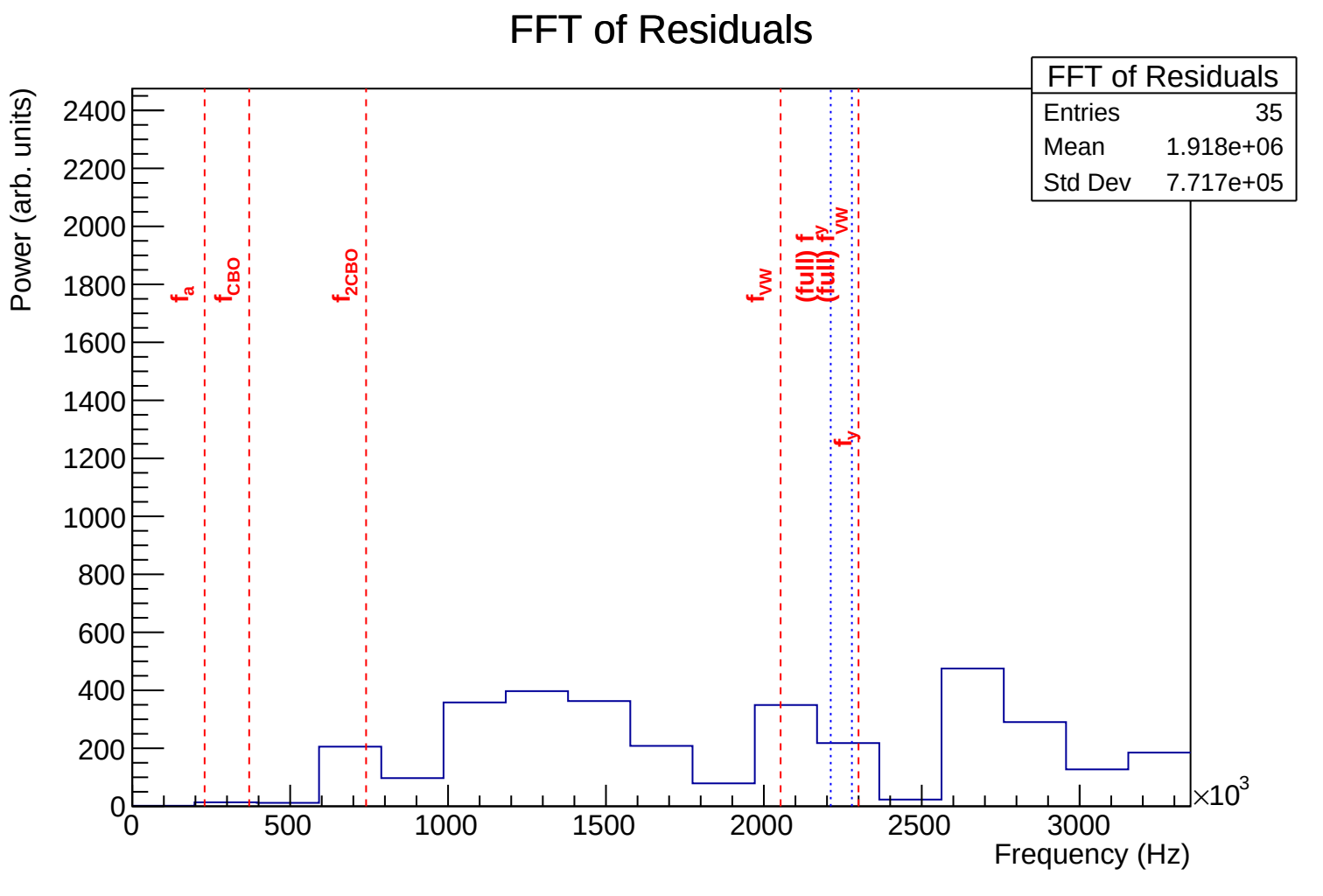

windowDat
windowDat
Entries 35
Mean 304.4
Std Dev 1.375
38000
36000
34000
32000
30000
28000
26000
24000
22000
20000
18000
302
303
304
305
306
307

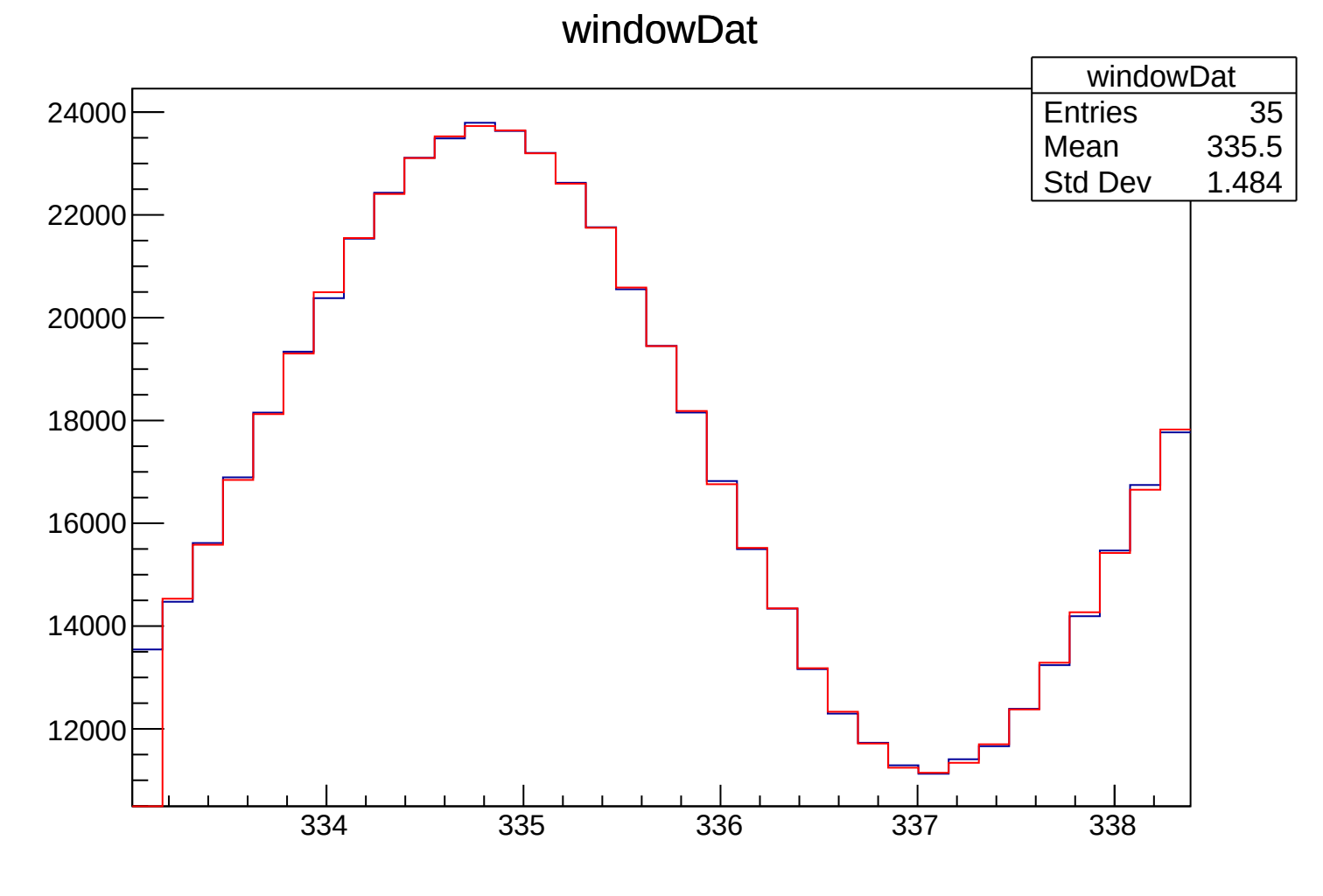

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.977e+06
Std Dev 8.403e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
f_y

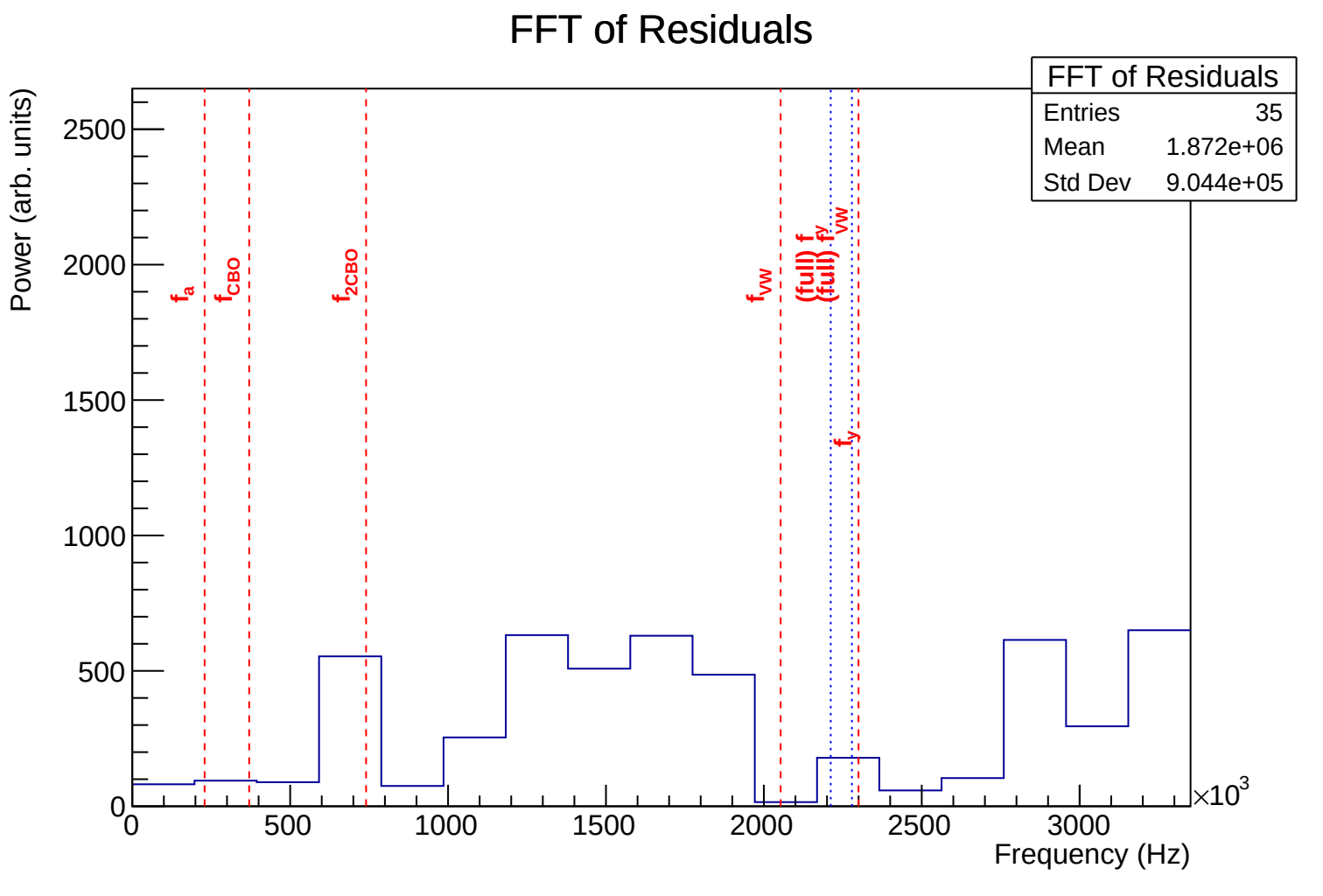

windowDat
windowDat
Entries 35
Mean 314.7
Std Dev 1.669
34000
32000
30000
28000
26000
24000
22000
20000
18000
16000
313
314
315
316
317

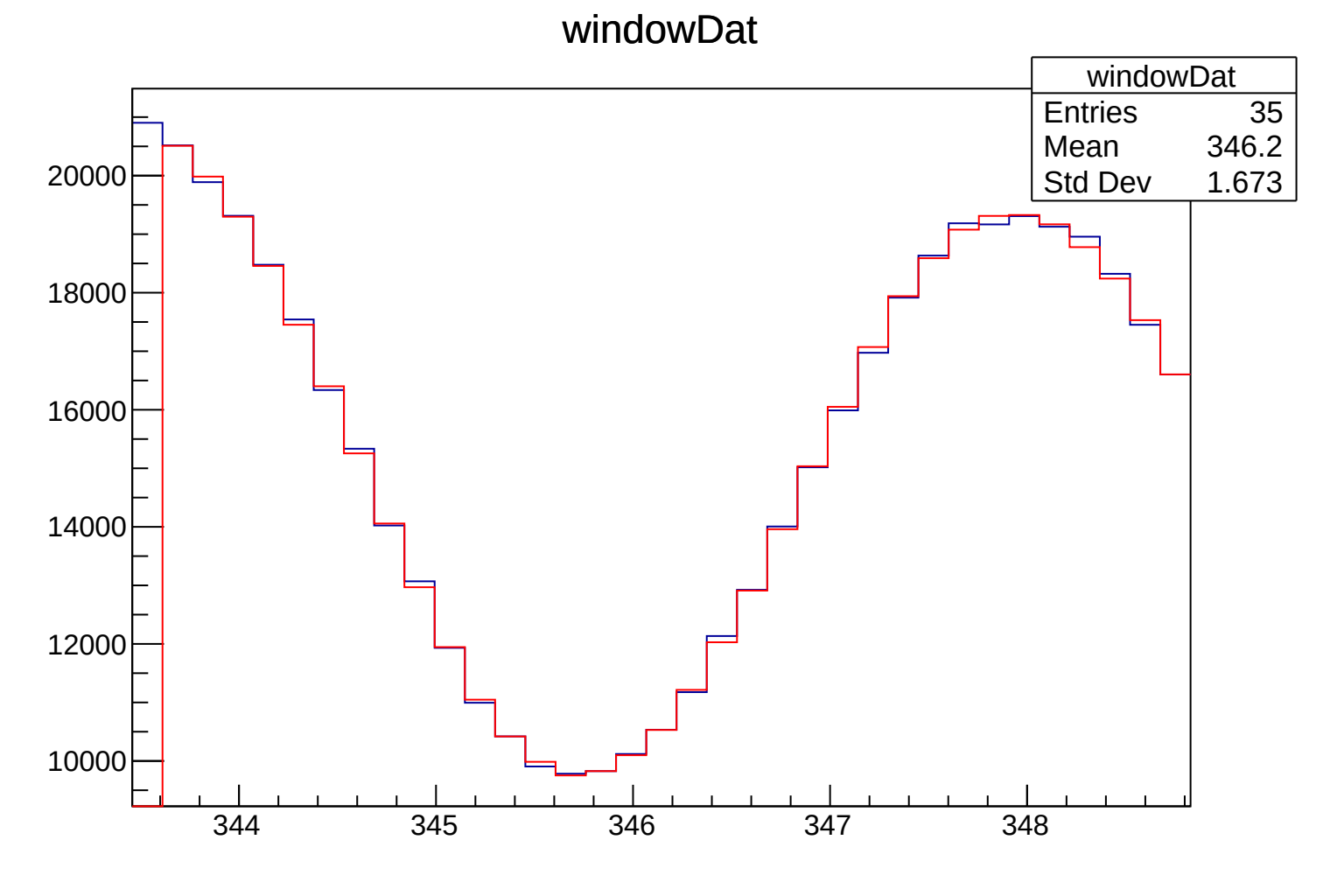

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.749e+06
Std Dev 8.066e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

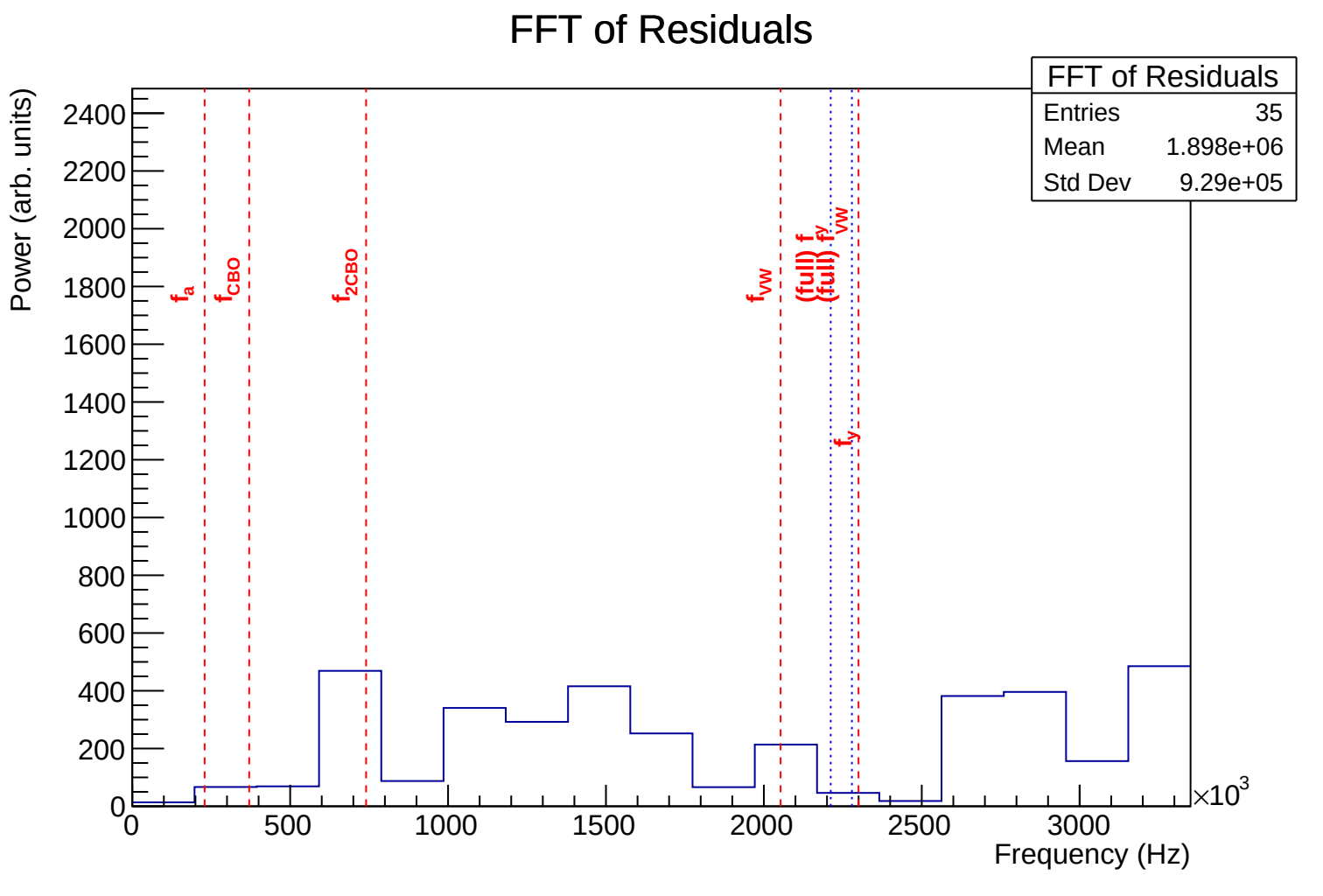

windowDat
windowDat
Entries 35
Mean 325.4
Std Dev 1.491
28000
26000
24000
22000
20000
18000
16000
14000
323
324
325
326
327

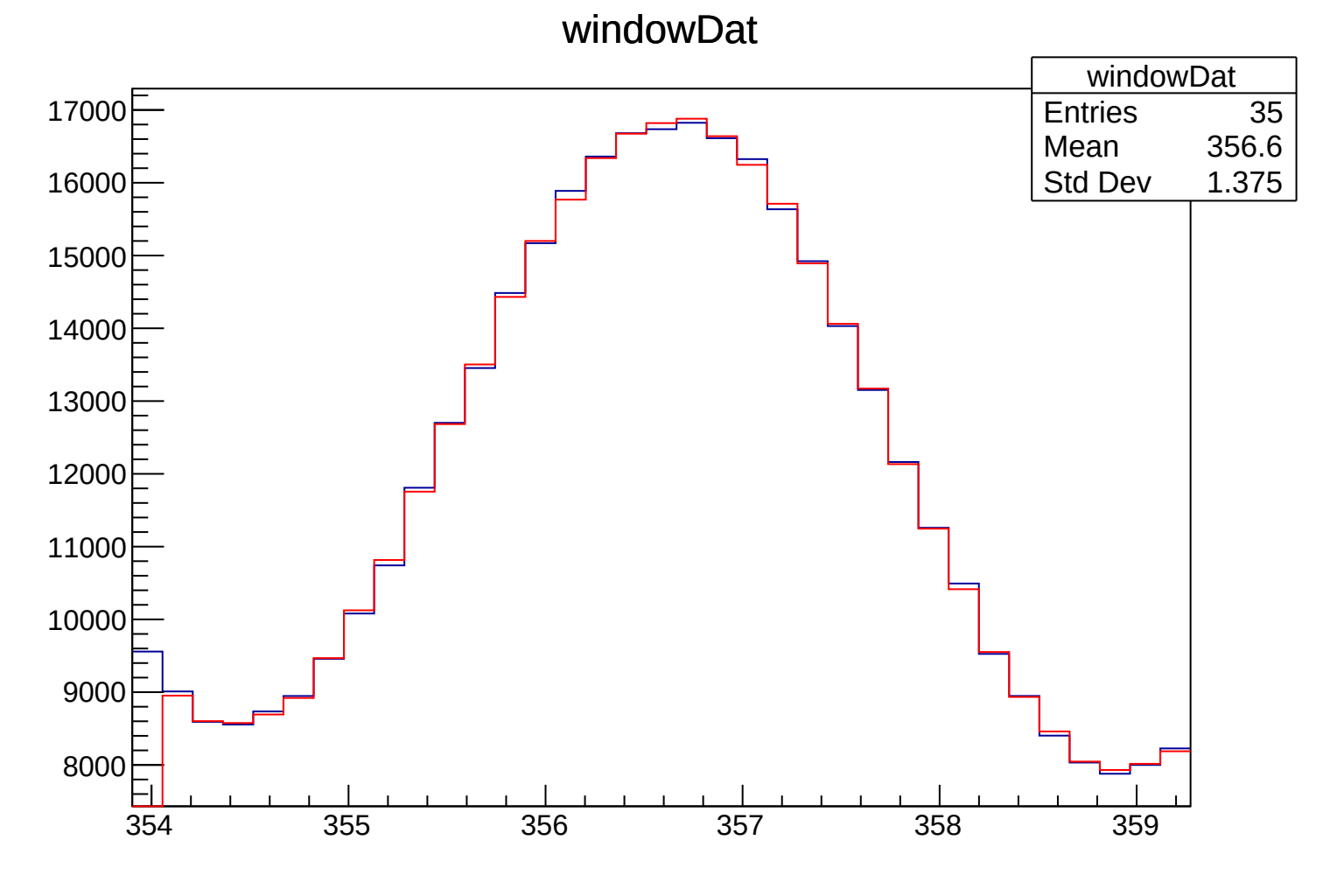

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.918e+06
Std Dev 7.717e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y

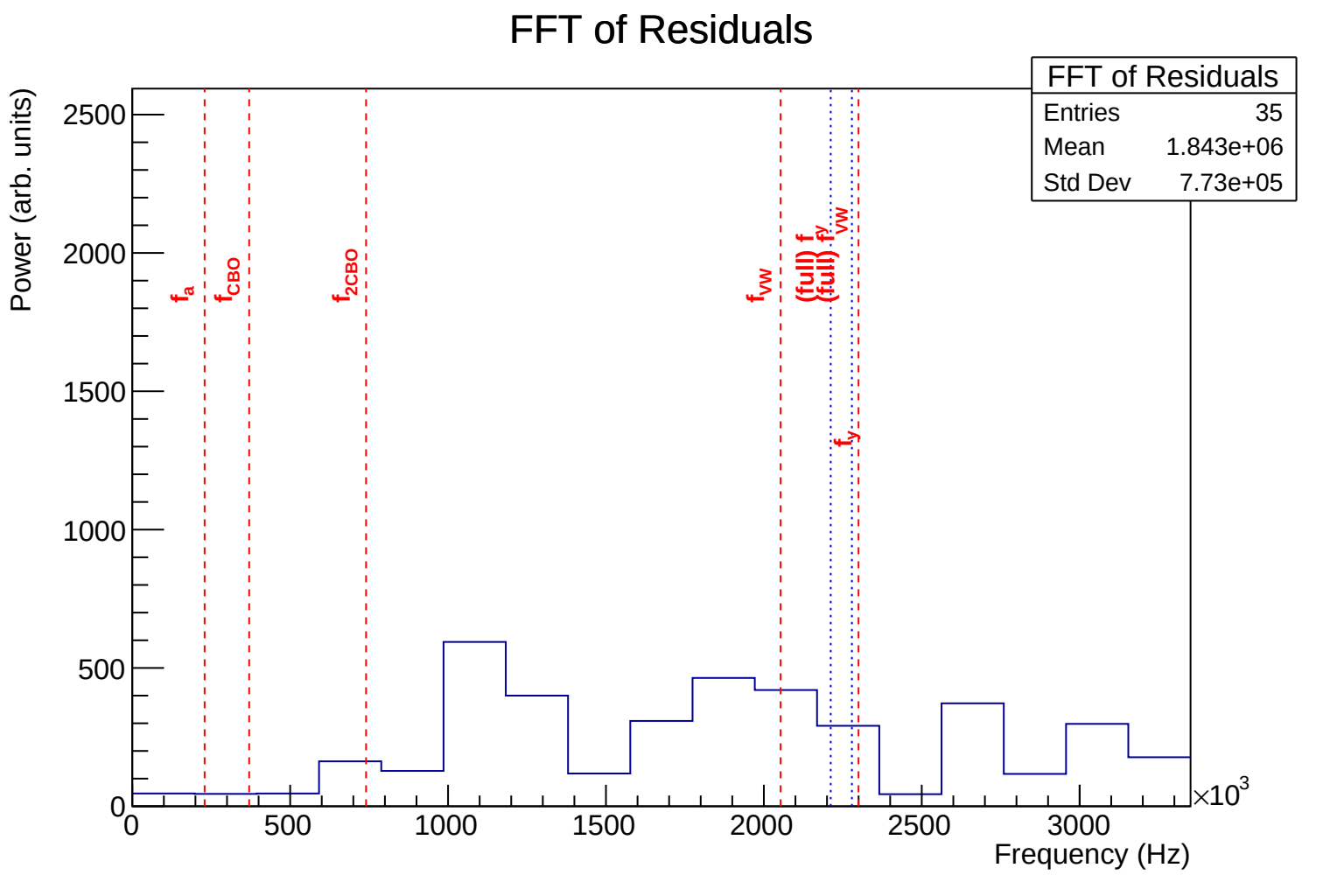

windowDat
windowDat
Entries 35
Mean 335.5
Std Dev 1.484
24000
22000
20000
18000
16000
14000
12000
334
335
336
337
338

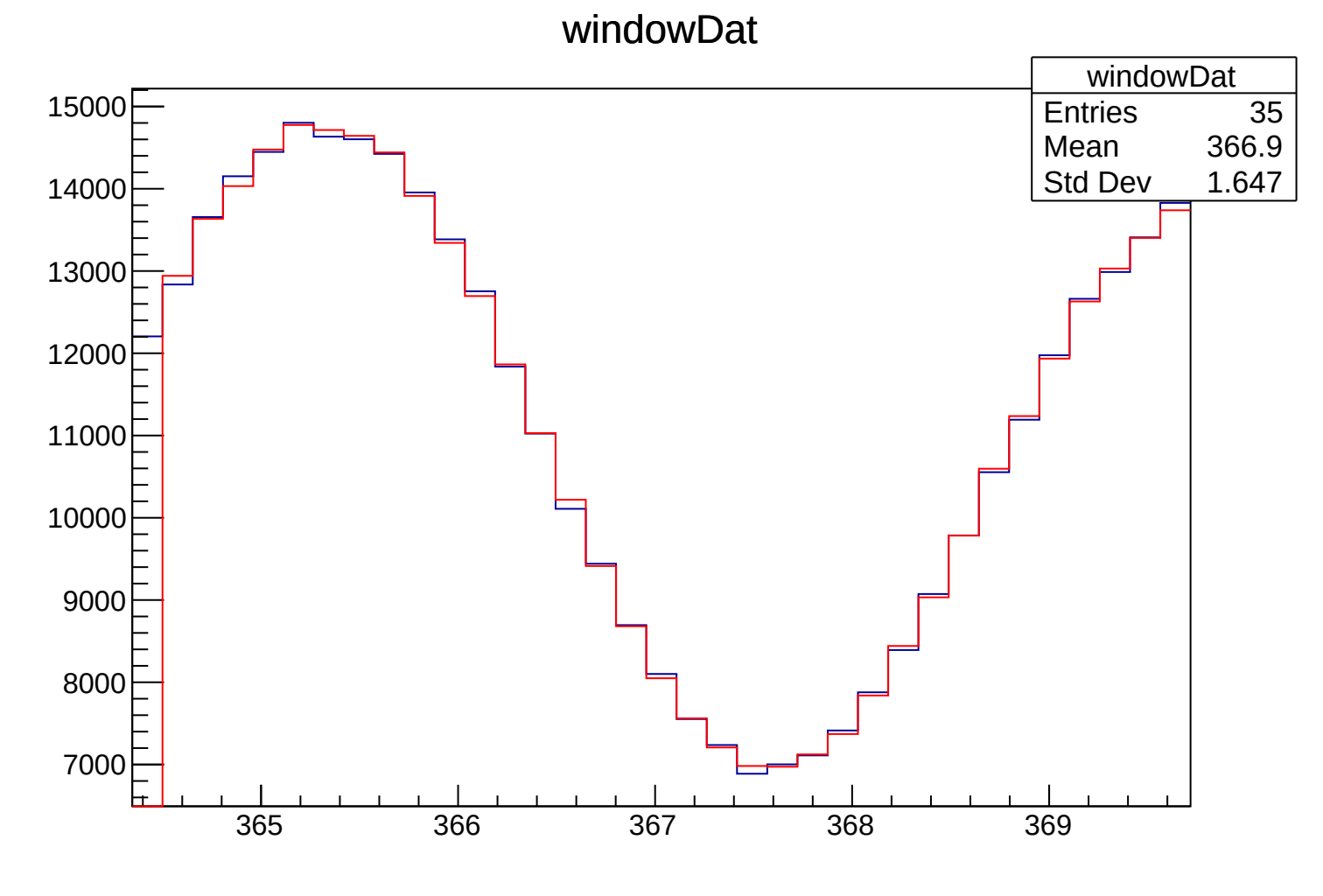

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.872e+06
Std Dev 9.044e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

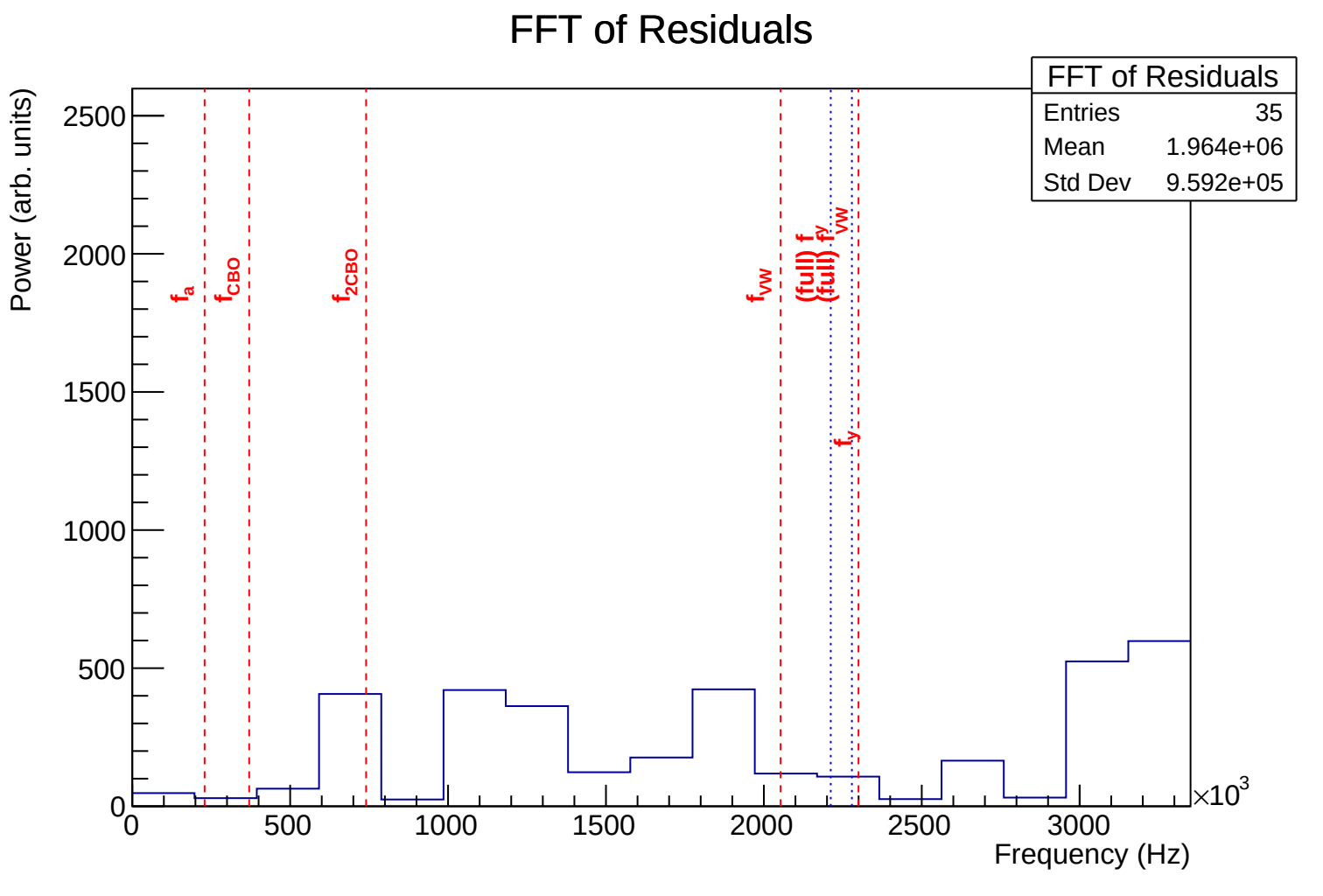

windowDat
windowDat
Entries 35
Mean 346.2
Std Dev 1.673
20000
18000
16000
14000
12000
10000
344
345
346
347
348

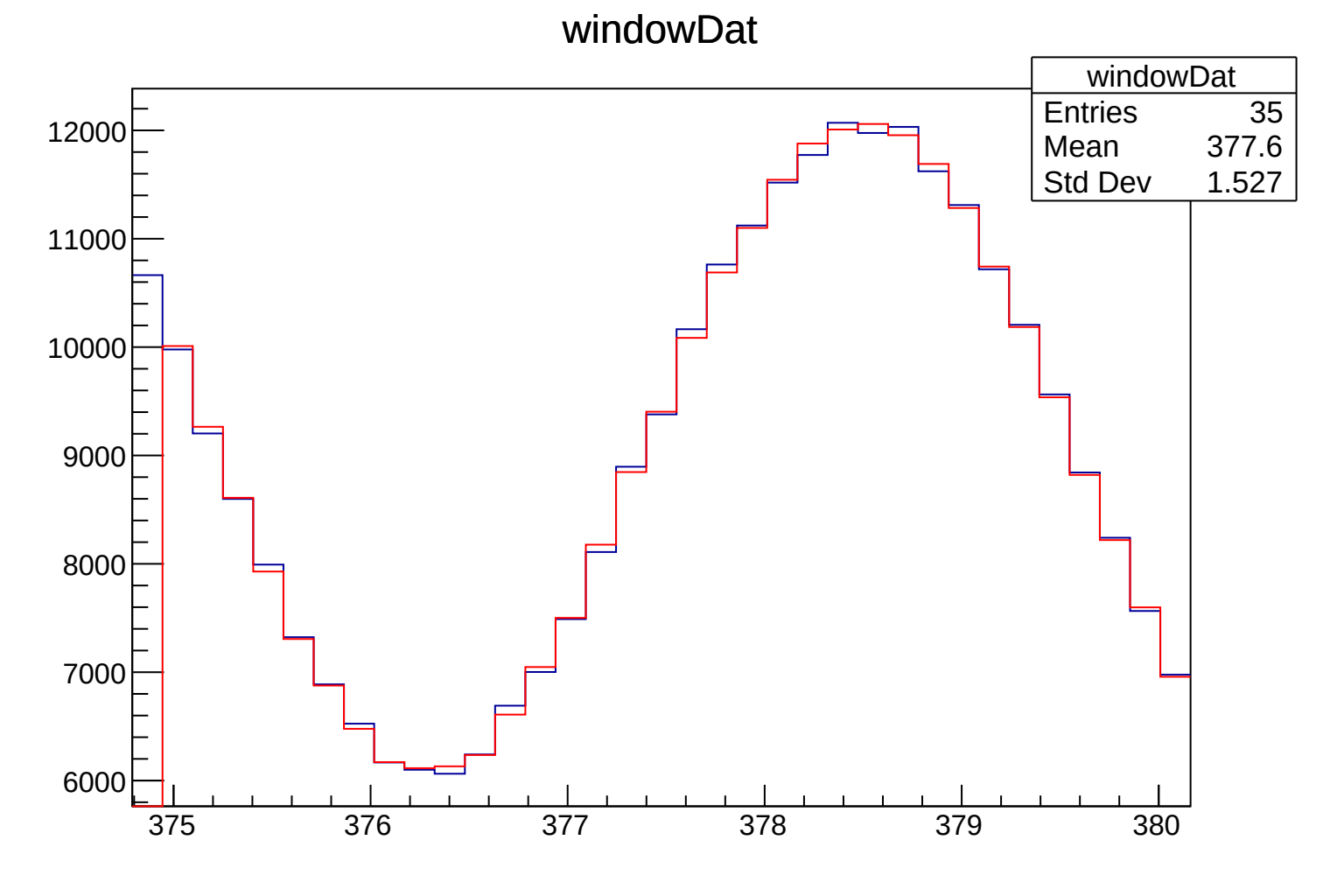

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.898e+06
Std Dev 9.29e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
0
500
1000
1500
2000
2500
3000

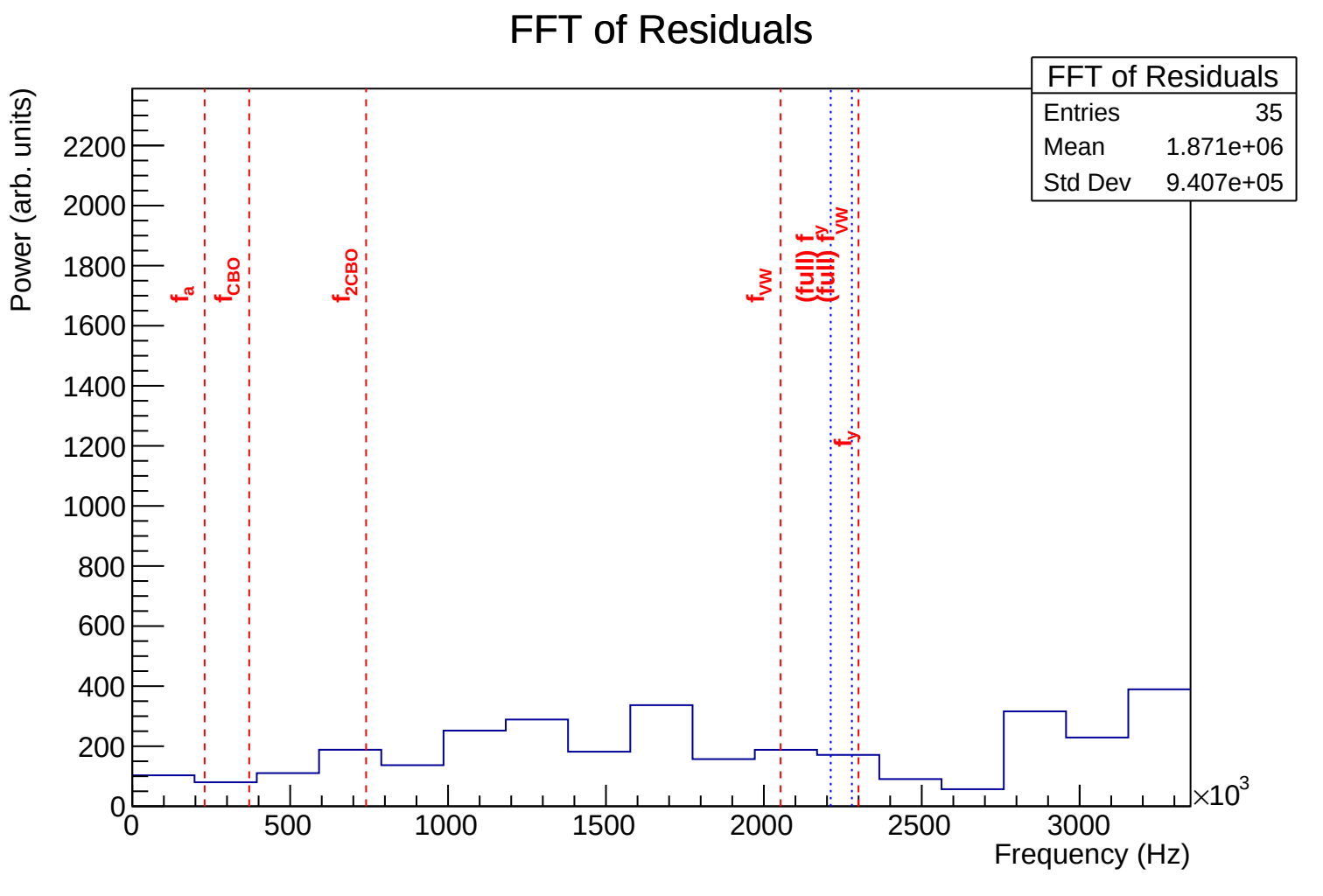

windowDat
windowDat
Entries 35
Mean 356.6
Std Dev 1.375
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
354
355
356
357
358
359

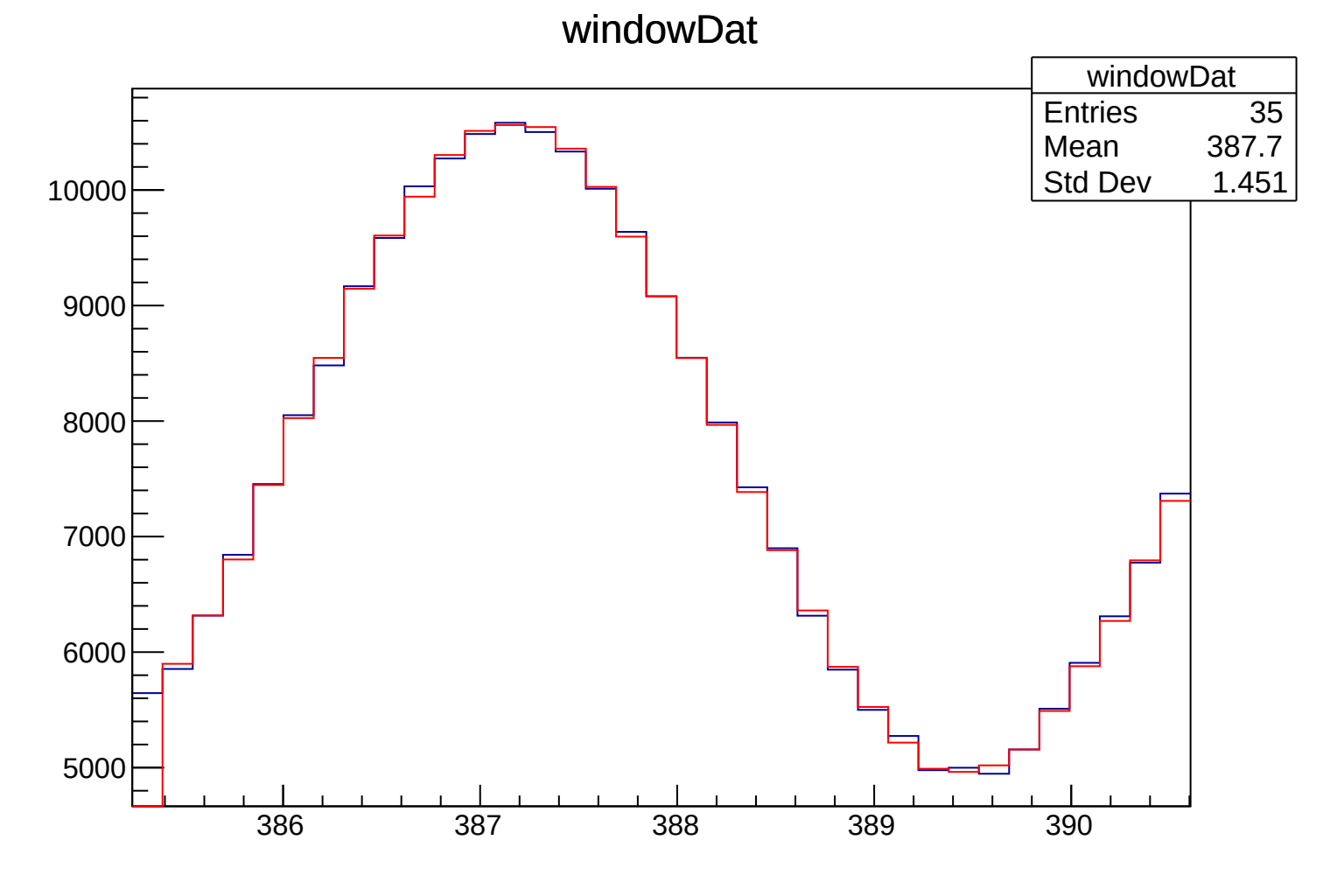

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.843e+06
Std Dev 7.73e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
500
1000
1500
2000
2500
3000

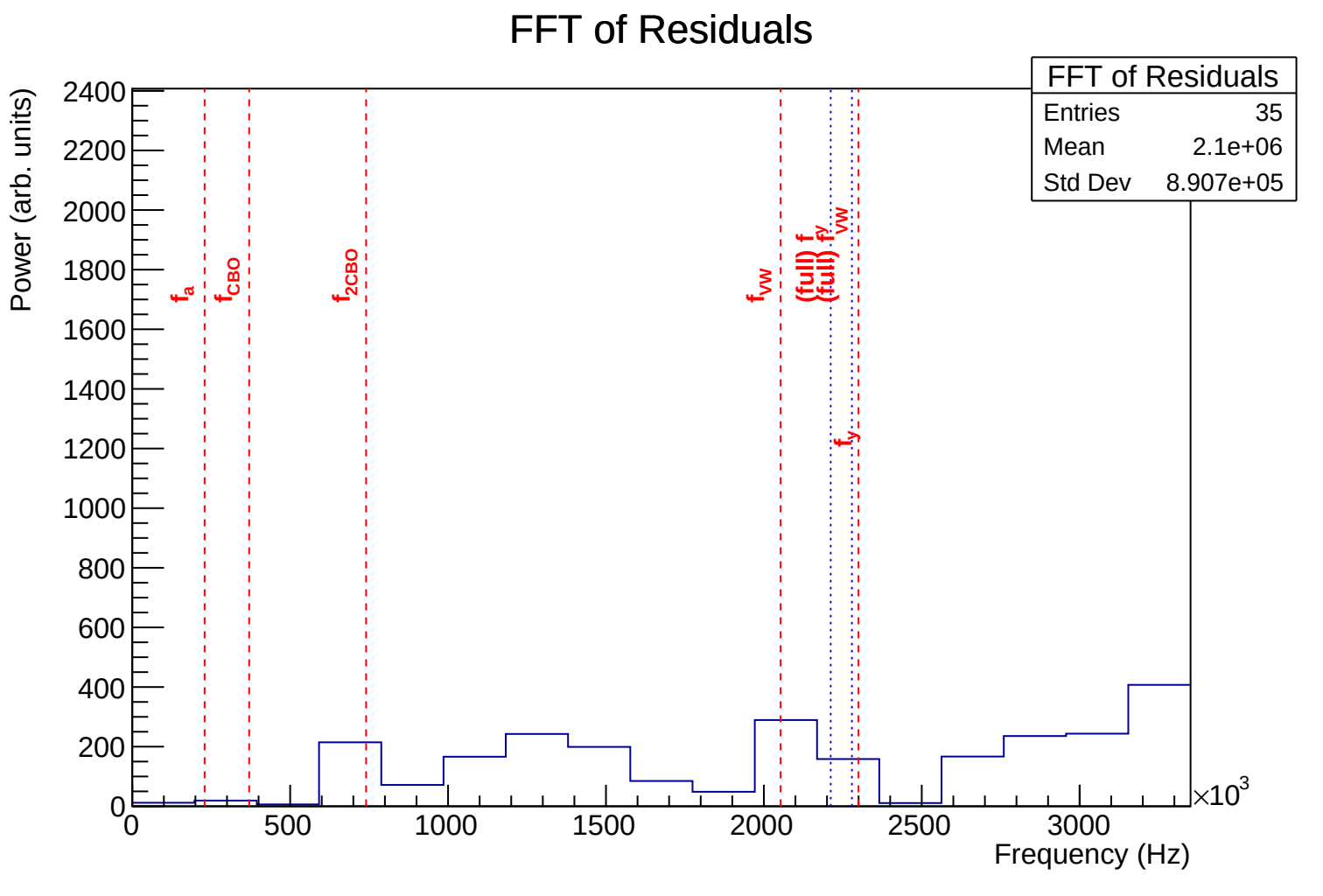

windowDat
windowDat
Entries 35
Mean 366.9
Std Dev 1.647
15000
14000
13000
12000
11000
10000
9000
8000
7000
365
366
367
368
369

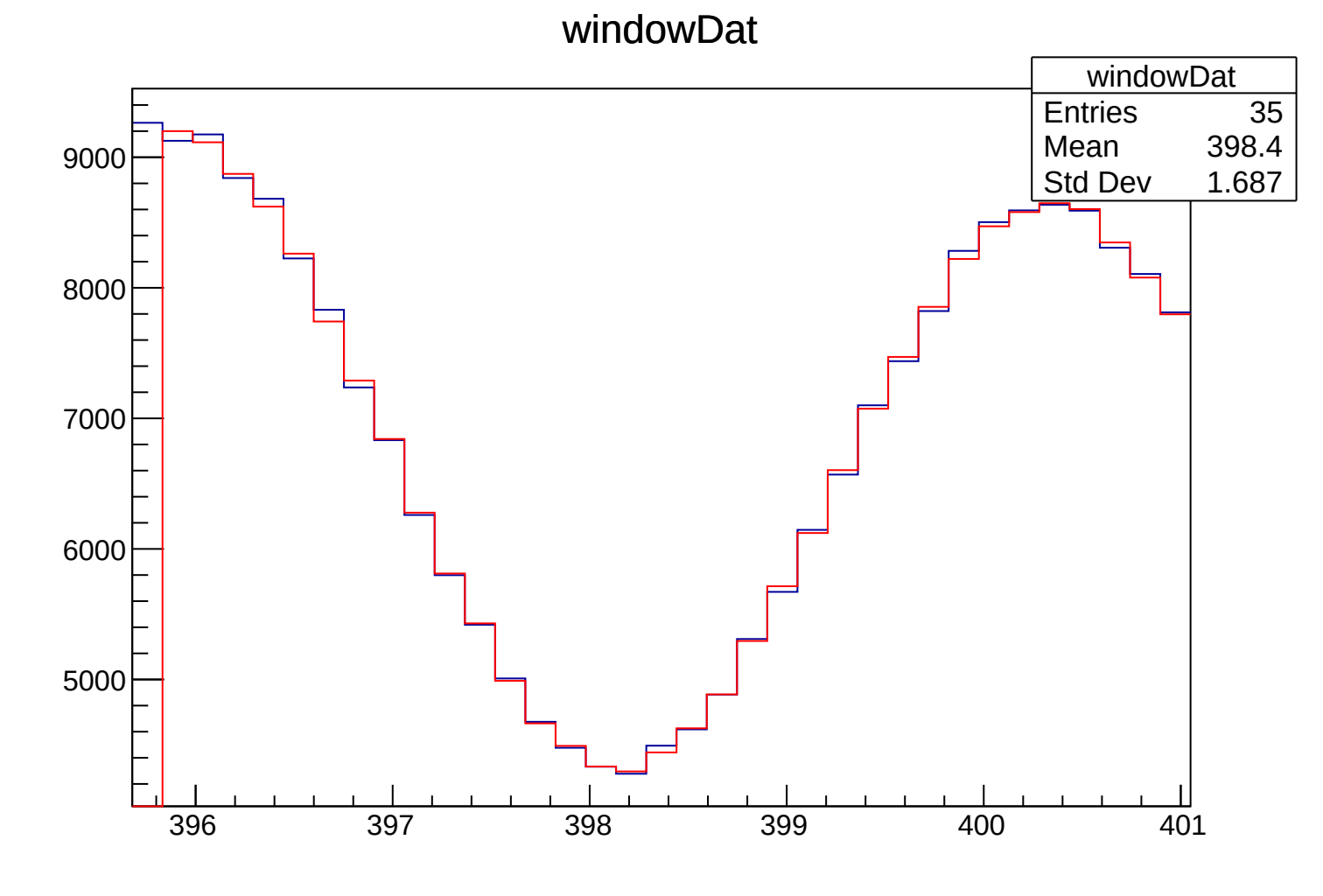

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.964e+06
Std Dev 9.592e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_y-VW
f_y
0
500
1000
1500
2000
2500
3000

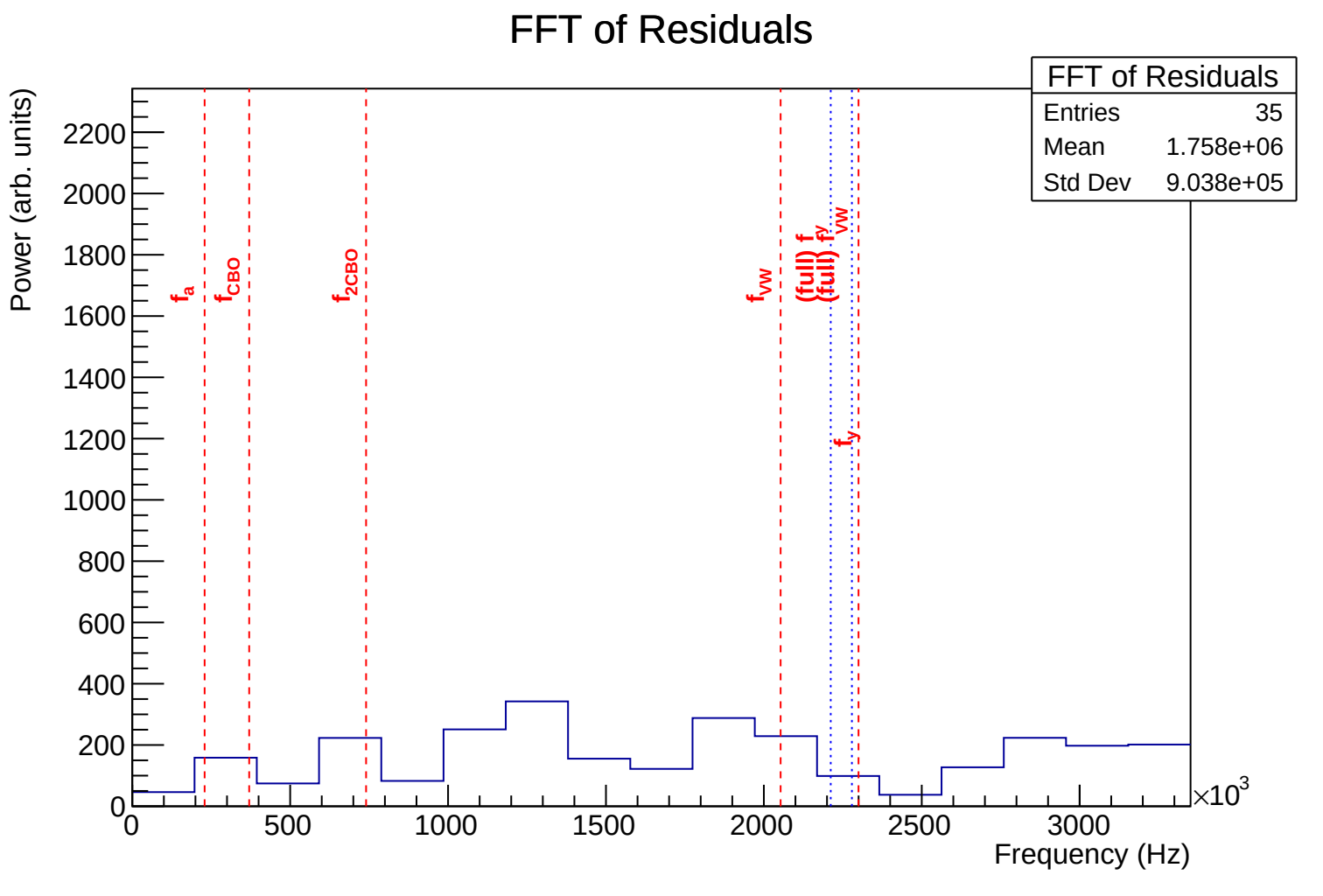

windowDat
windowDat
Entries 35
Mean 377.6
Std Dev 1.527
12000
11000
10000
9000
8000
7000
6000
375
376
377
378
379
380

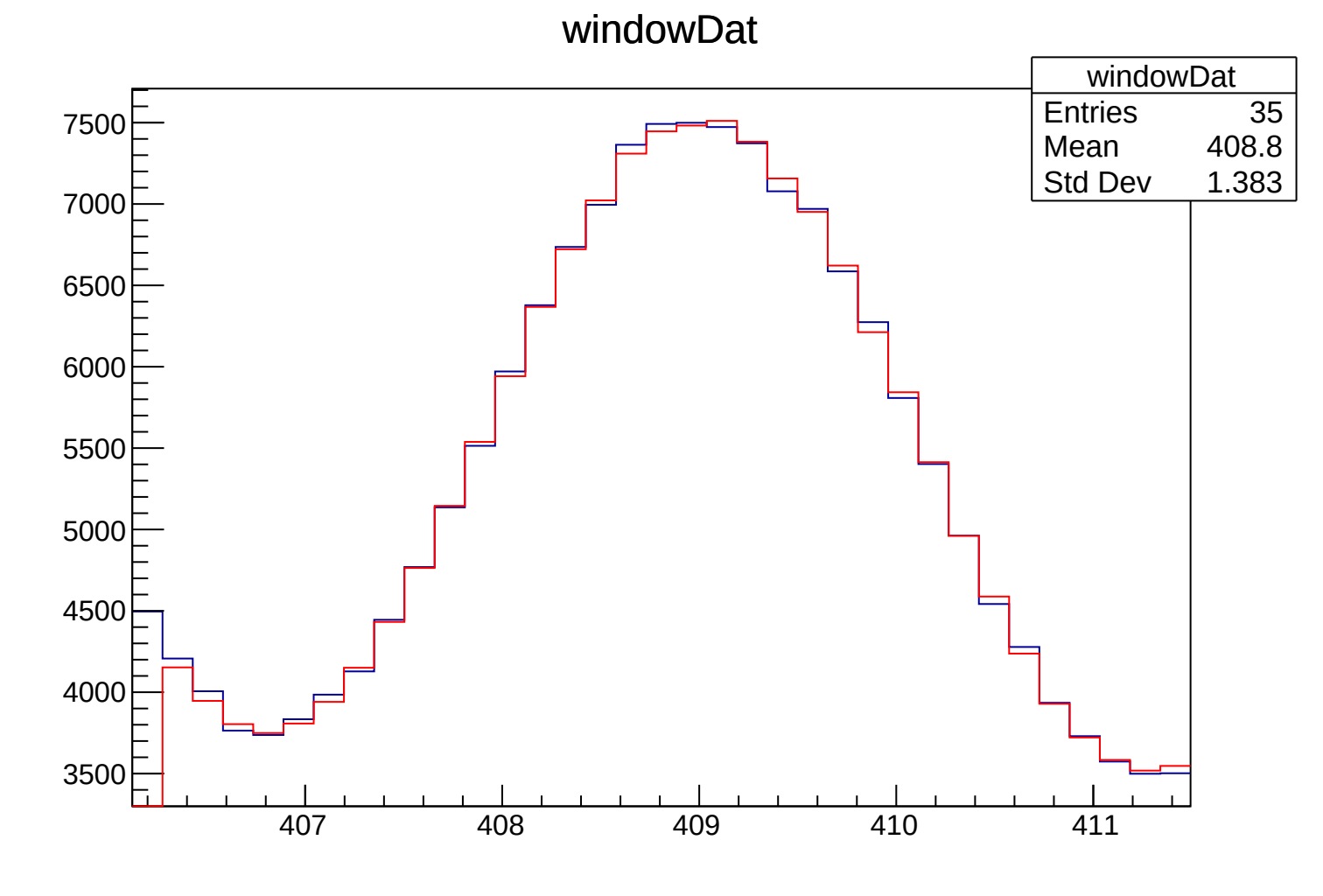

FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.871e+06
Std Dev 9.407e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y
(full) f_VW
f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
0
500
1000
1500
2000
2500
3000

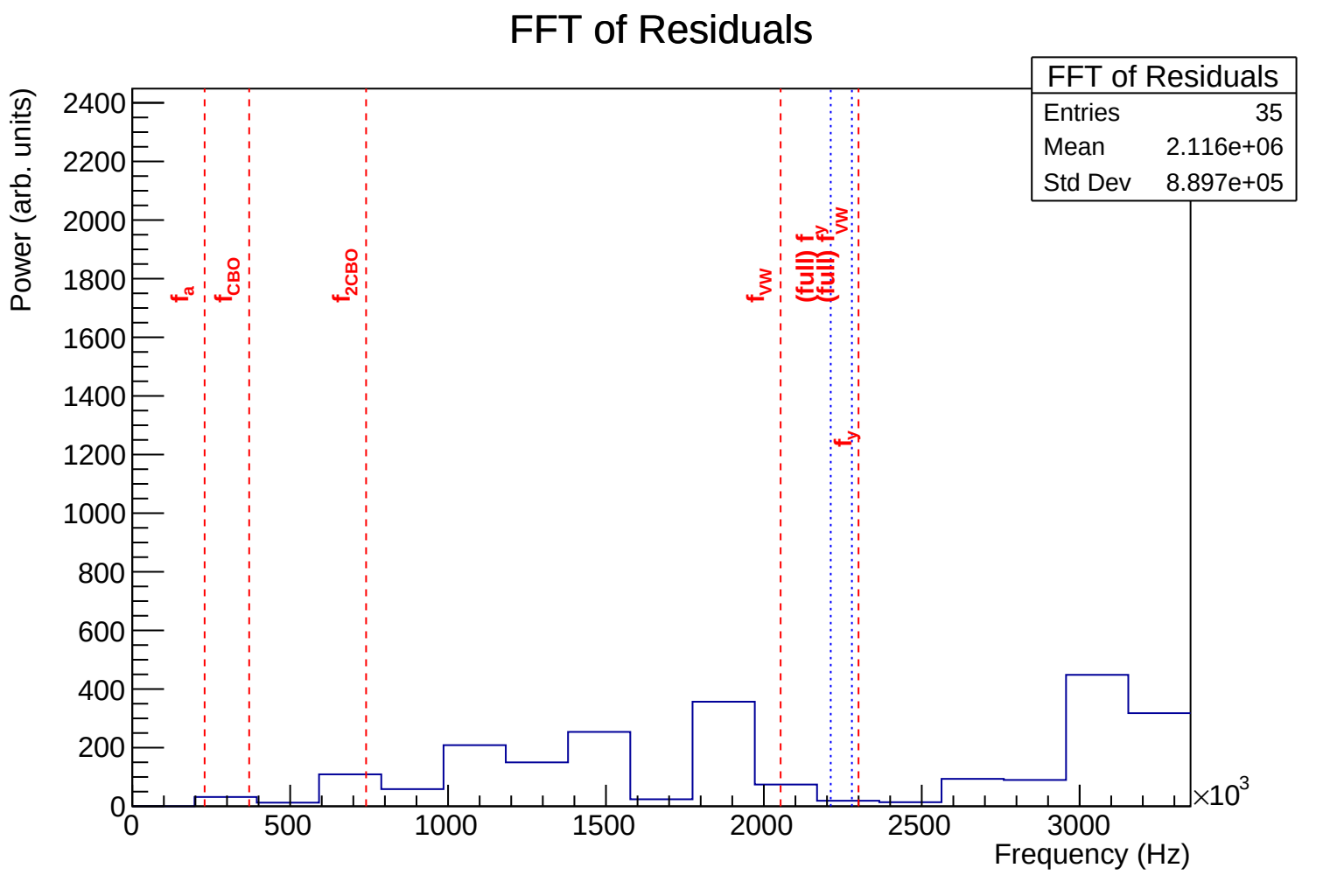

windowDat
windowDat
Entries 35
Mean 387.7
Std Dev 1.451
10000
9000
8000
7000
6000
5000
386
387
388
389
390

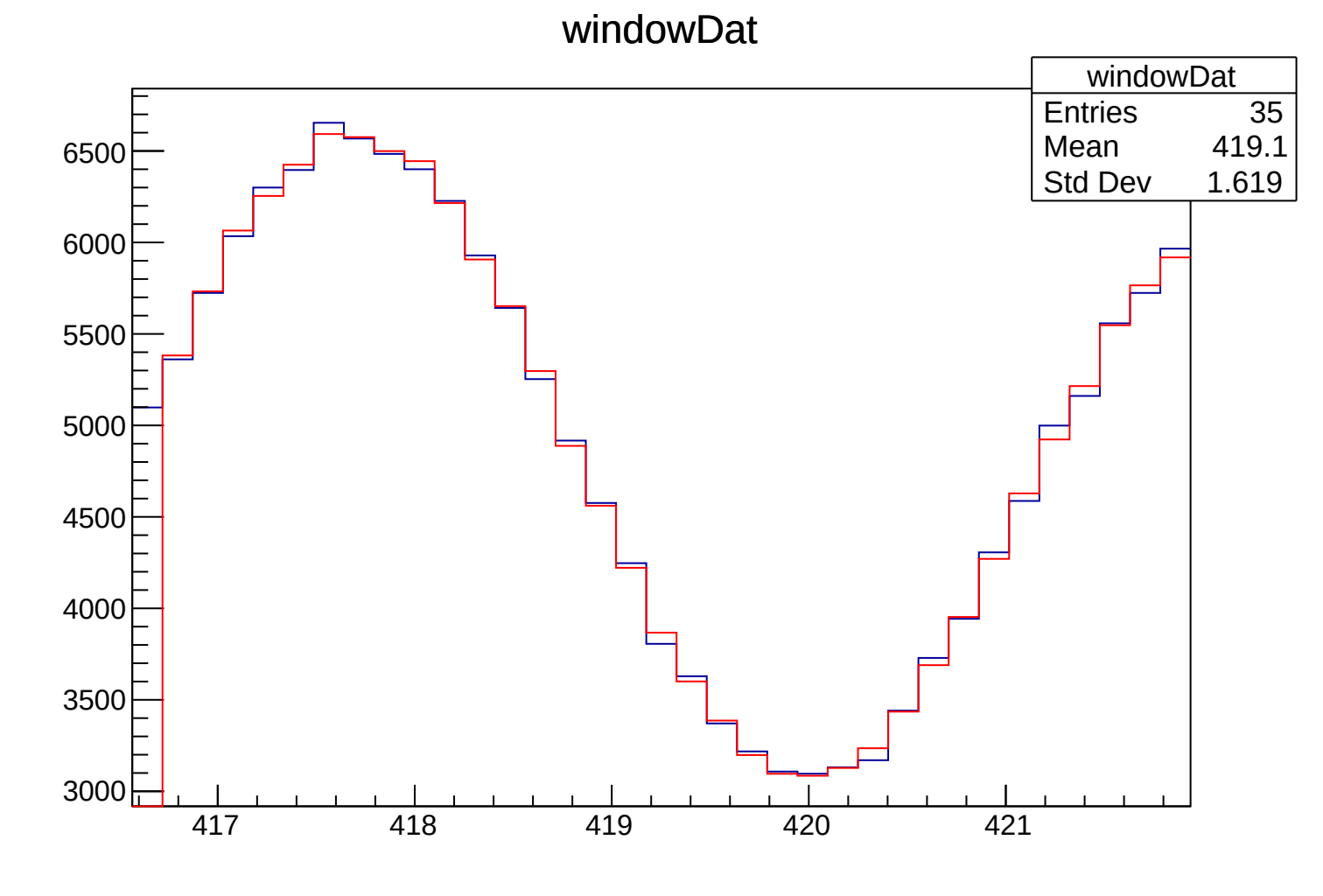

FFT of Residuals
FFT of Residuals
Entries 35
Mean 2.1e+06
Std Dev 8.907e+05
Power (arb. units)
Frequency (Hz)
×10^3
f_a
f_CBO
f_2CBO
f_VW
(full) f_y-f_VW
(full) f_y
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 35
Mean 398.4
Std Dev 1.687
9000
8000
7000
6000
5000
396
397
398
399
400
401


FFT of Residuals
FFT of Residuals
Entries 35
Mean 1.758e+06
Std Dev 9.038e+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 35
Mean 408.8
Std Dev 1.383
7500
7000
6500
6000
5500
5000
4500
4000
3500
407
408
409
410
411


FFT of Residuals
FFT of Residuals
Entries 35
Mean 2.116e+06
Std Dev 8.897e+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
2200
2400
0
500
1000
1500
2000
2500
3000


windowDat
windowDat
Entries 35
Mean 419.1
Std Dev 1.619
6500
6000
5500
5000
4500
4000
3500
3000
417
418
419
420
421