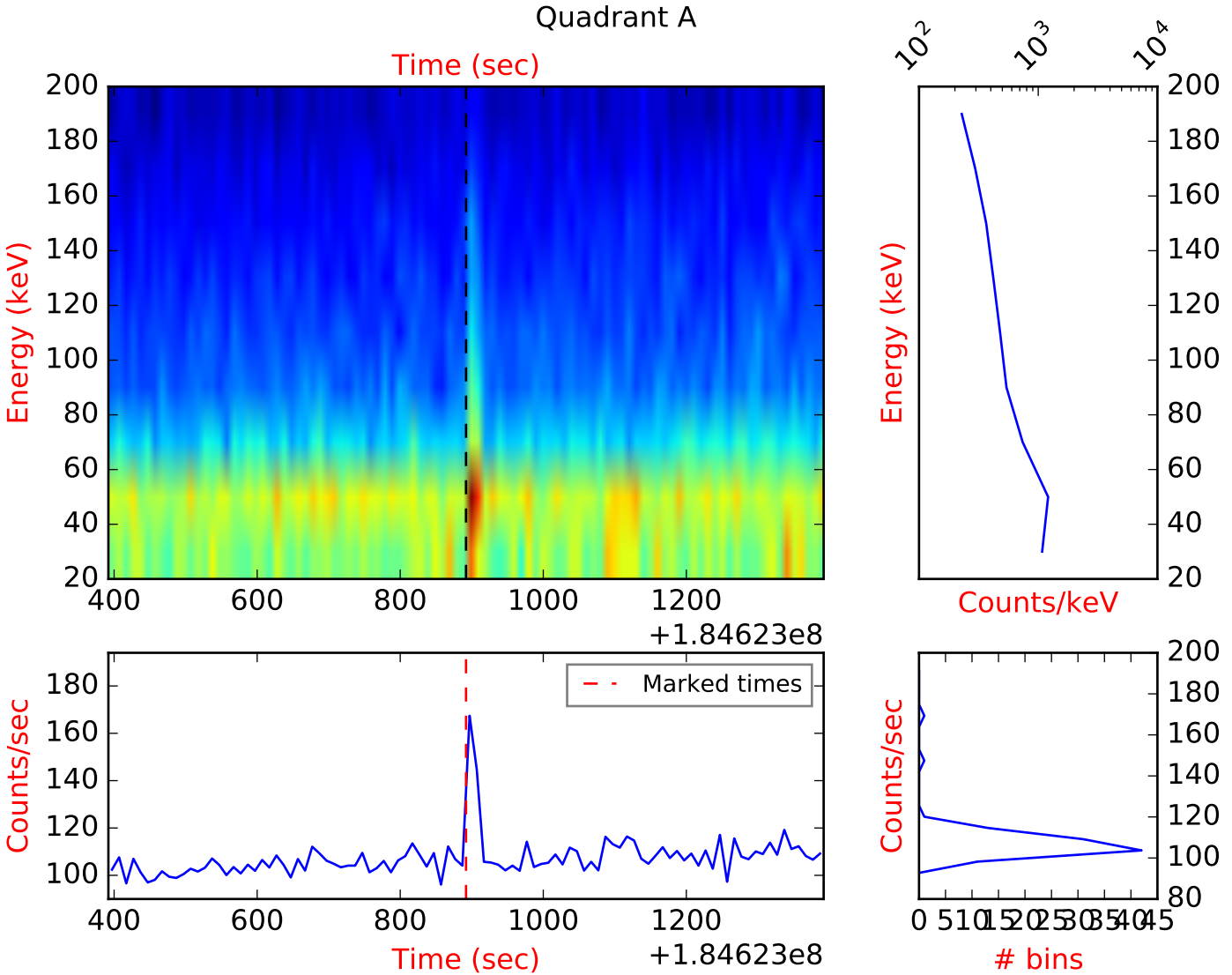
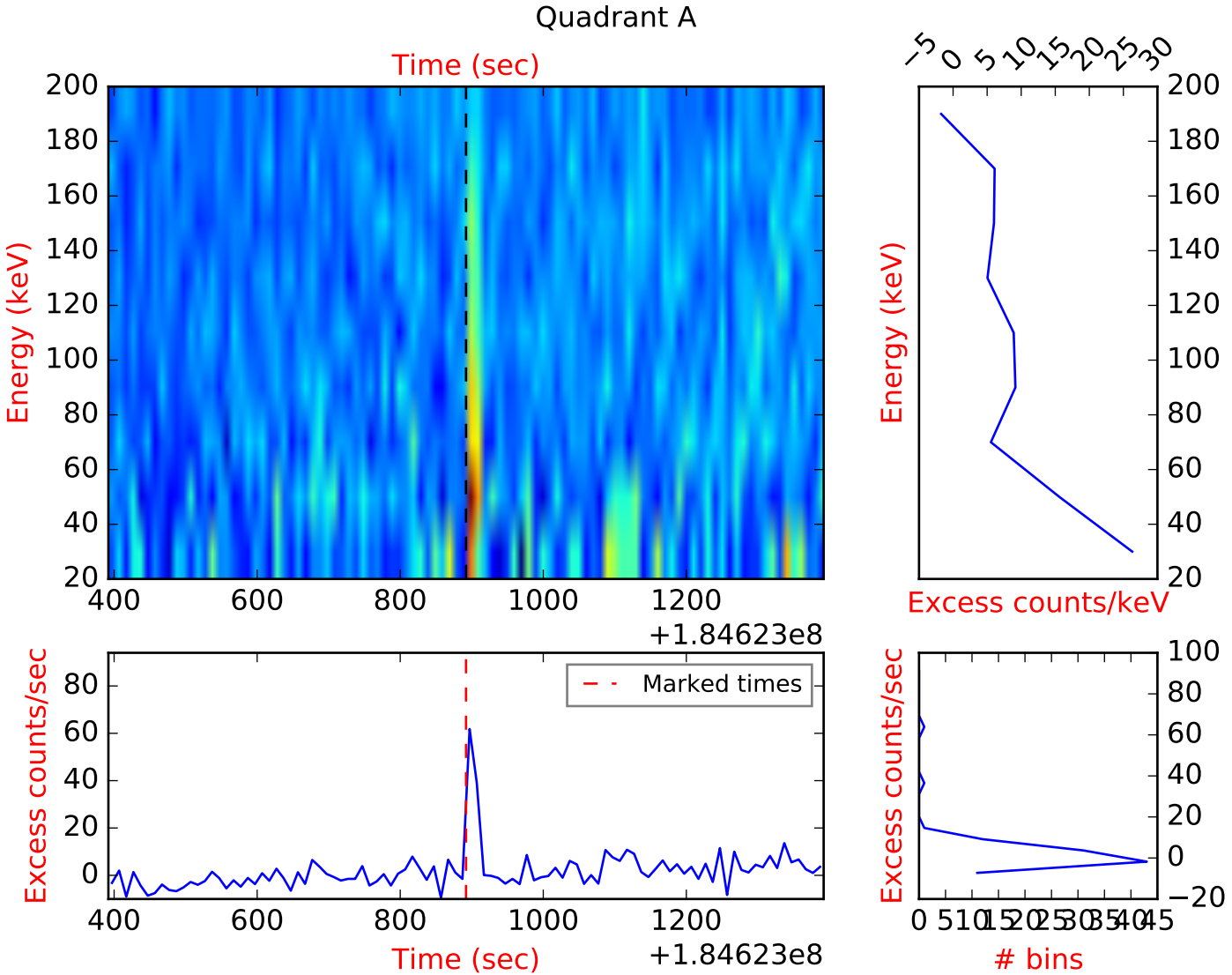
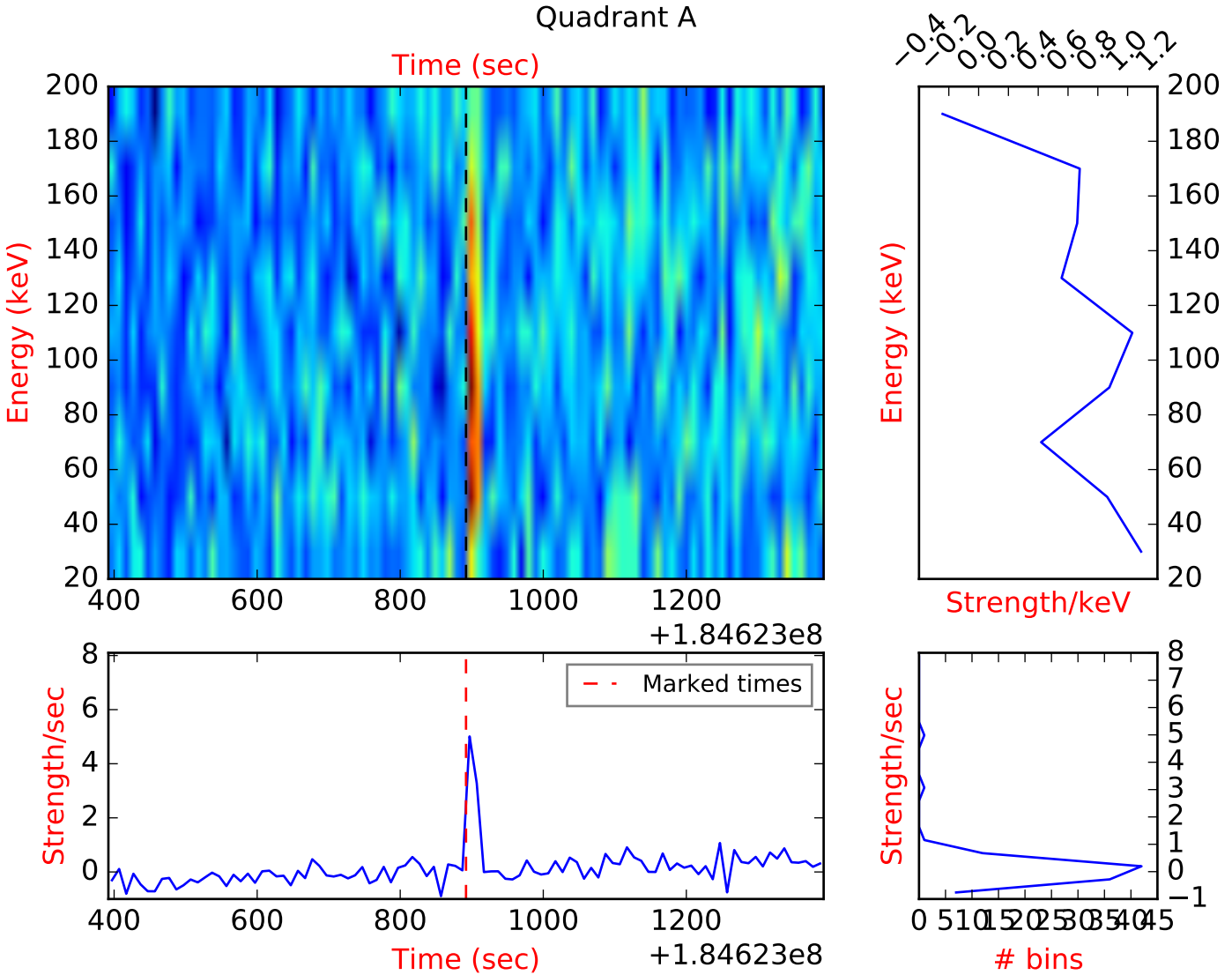
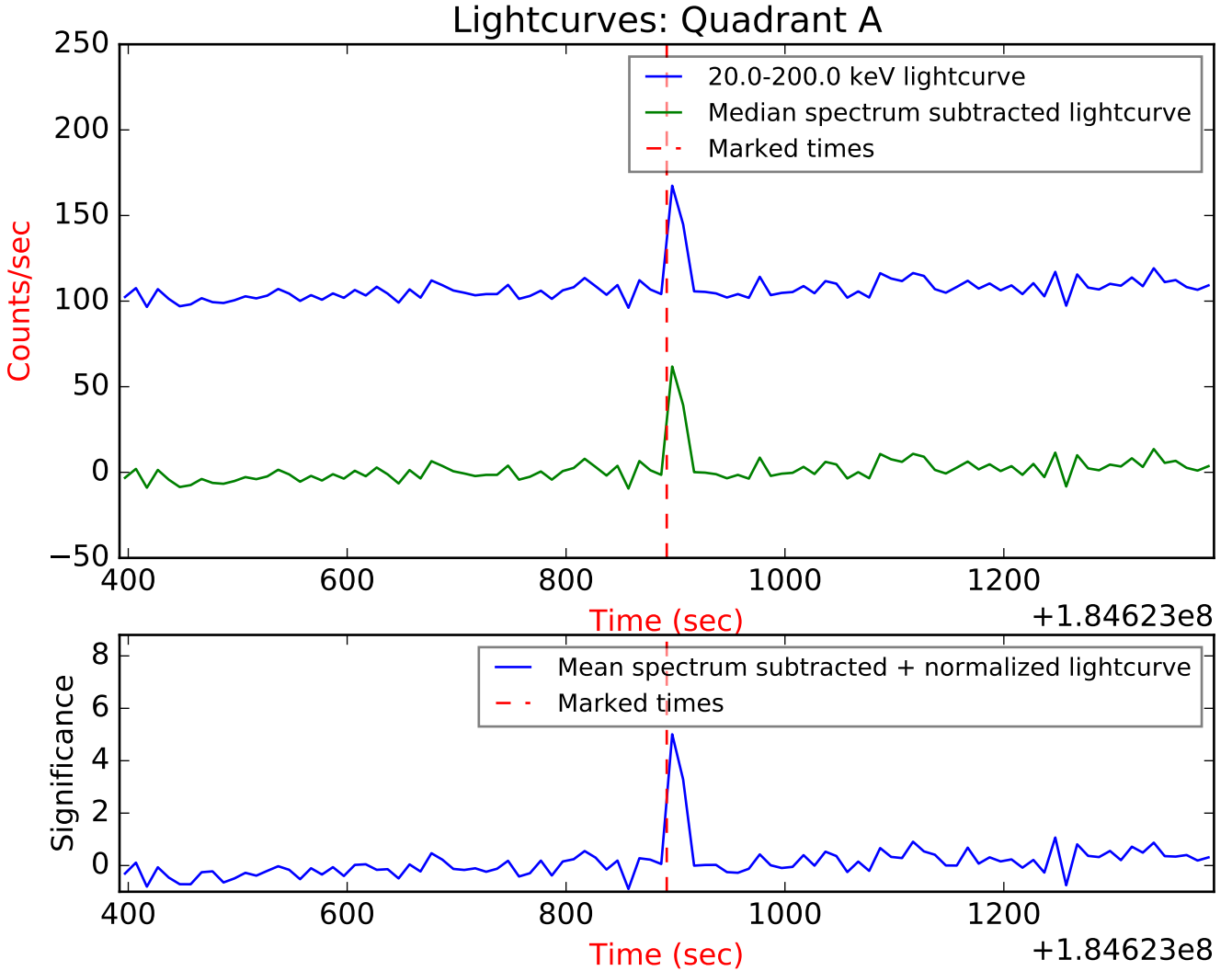
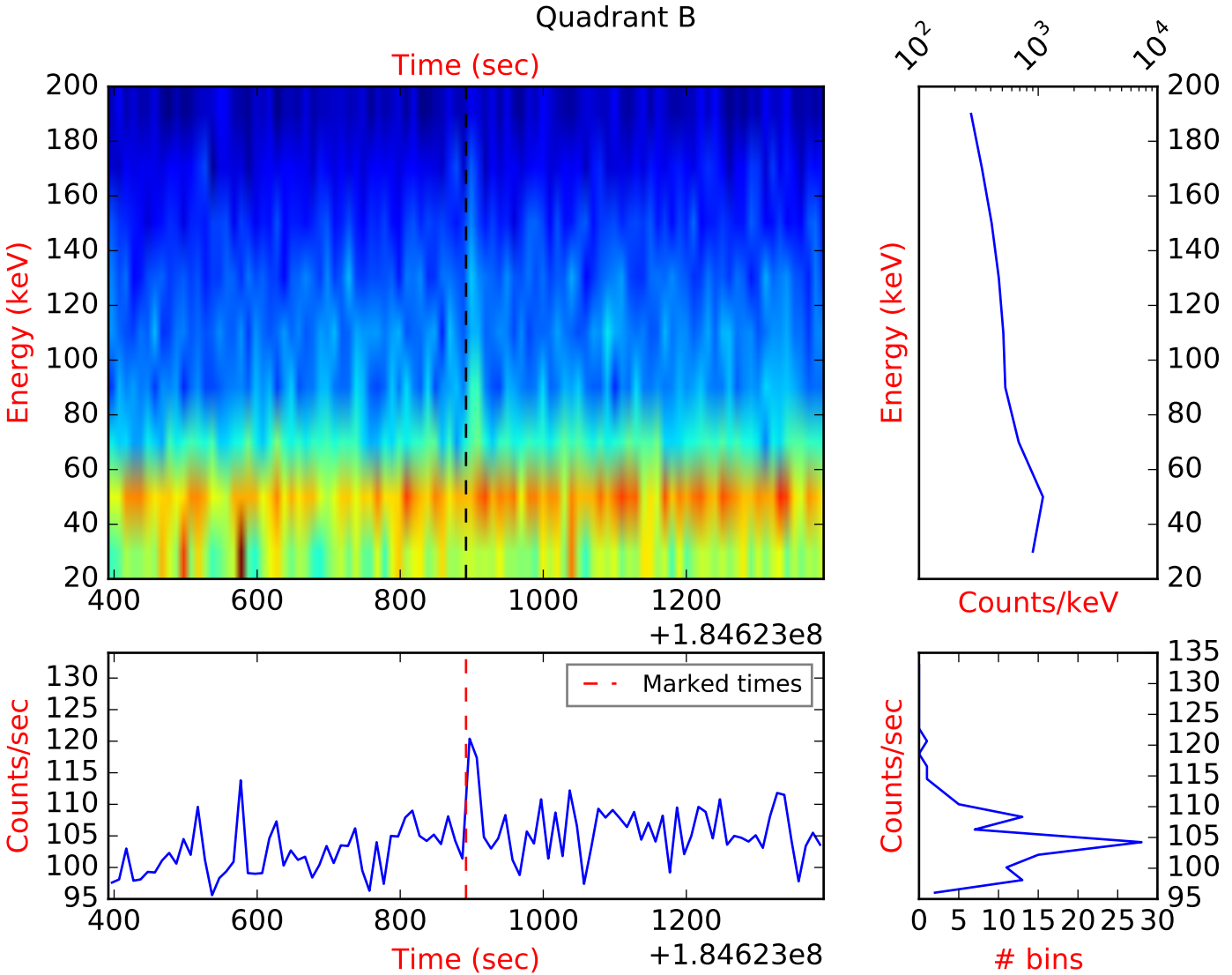
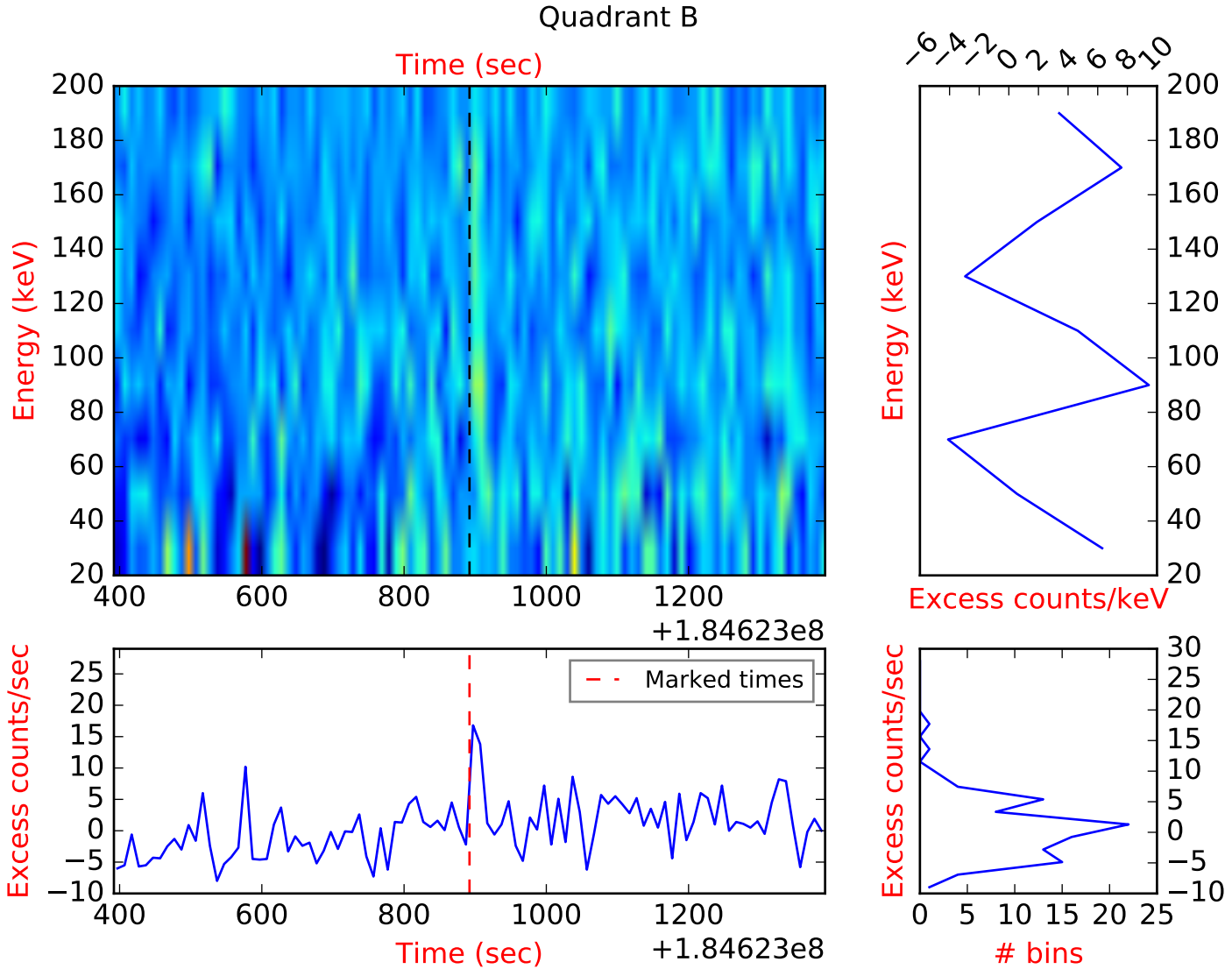

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
Time (sec)
0 5 10 15 20 25 30 35 40 45
bins

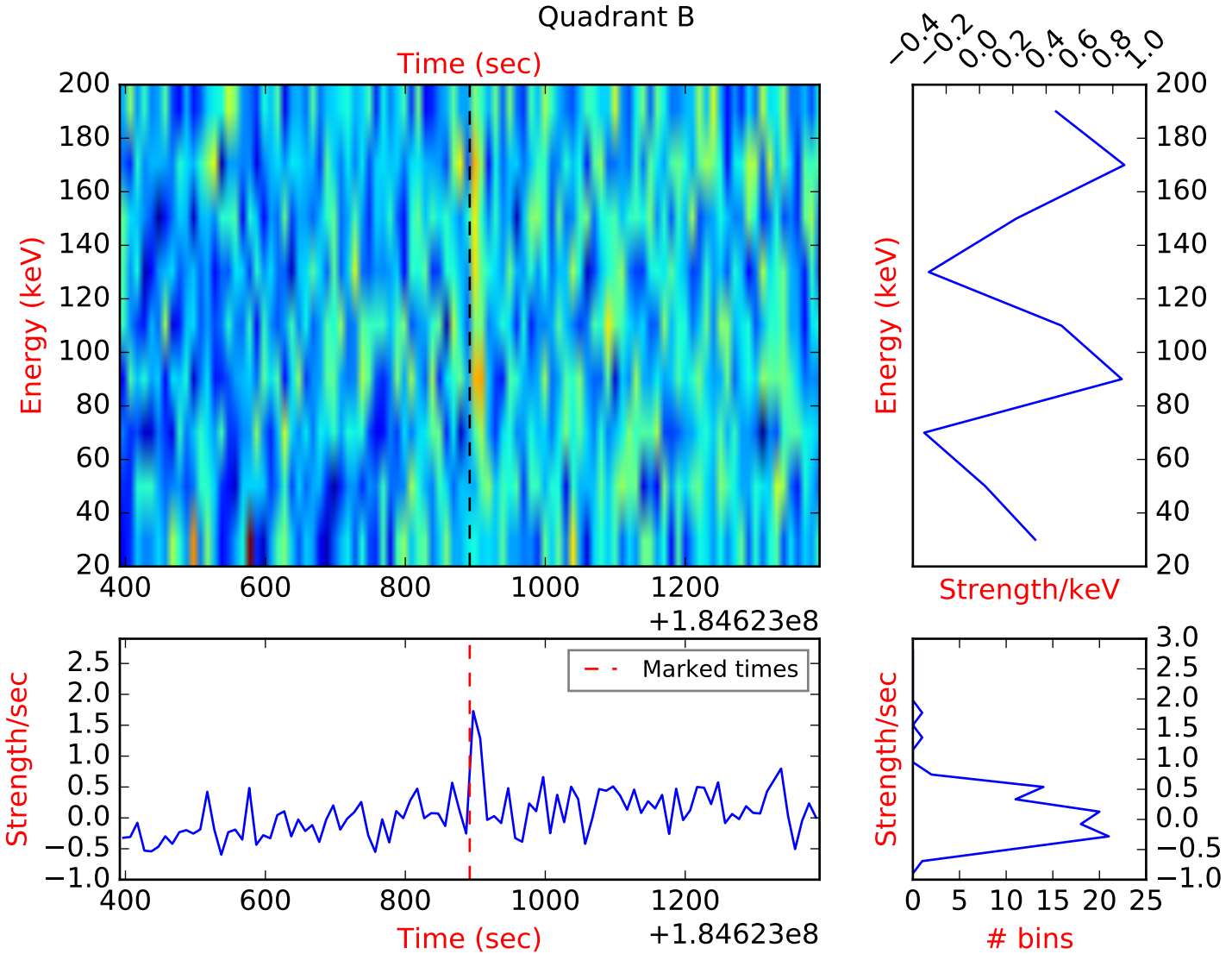

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
−5
0
5
10
15
20
25
30
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins

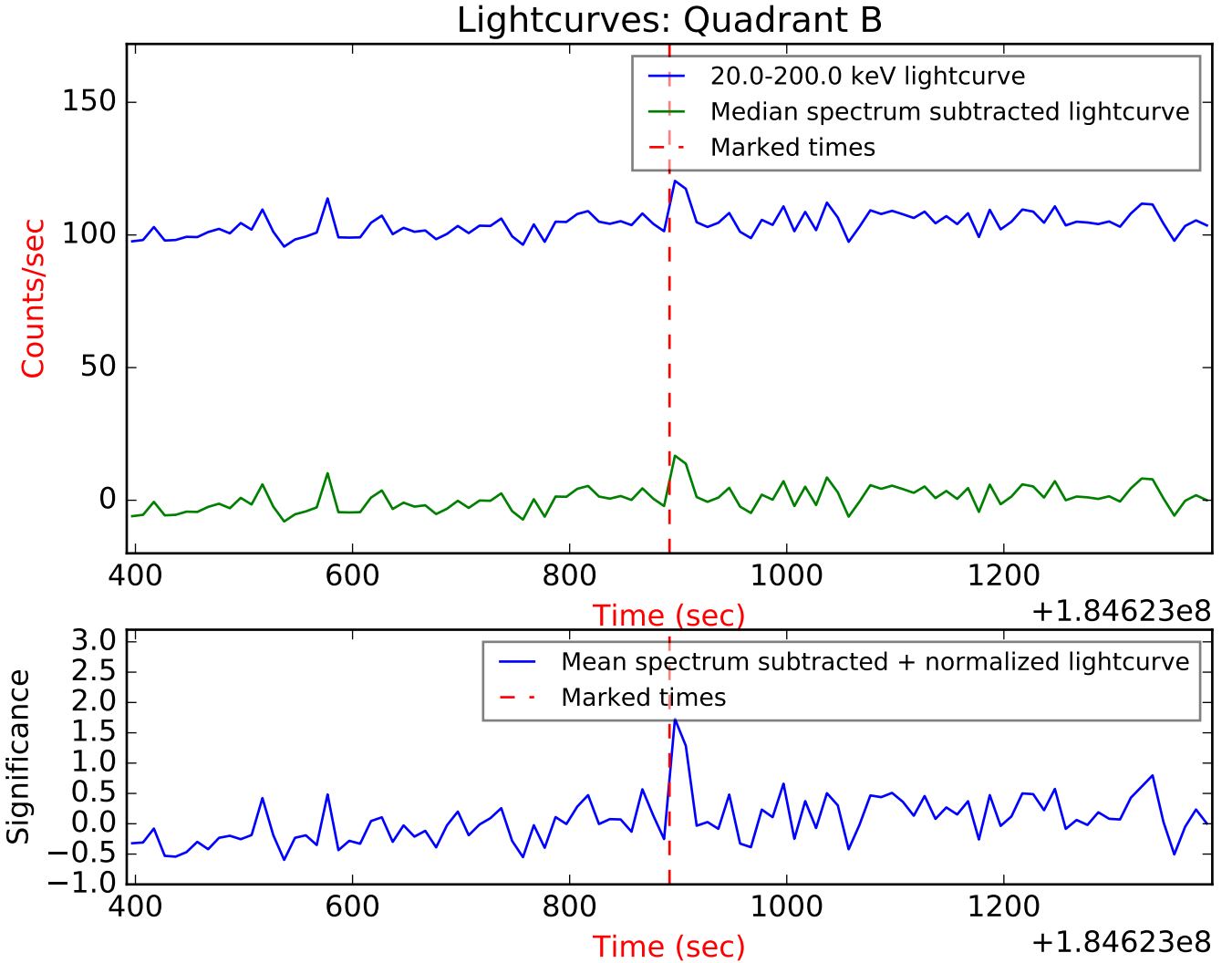

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Strength/keV
Strength/sec
Marked times
8
6
4
2
0
−1
0
5
10
15
20
25
30
35
40
45
bins

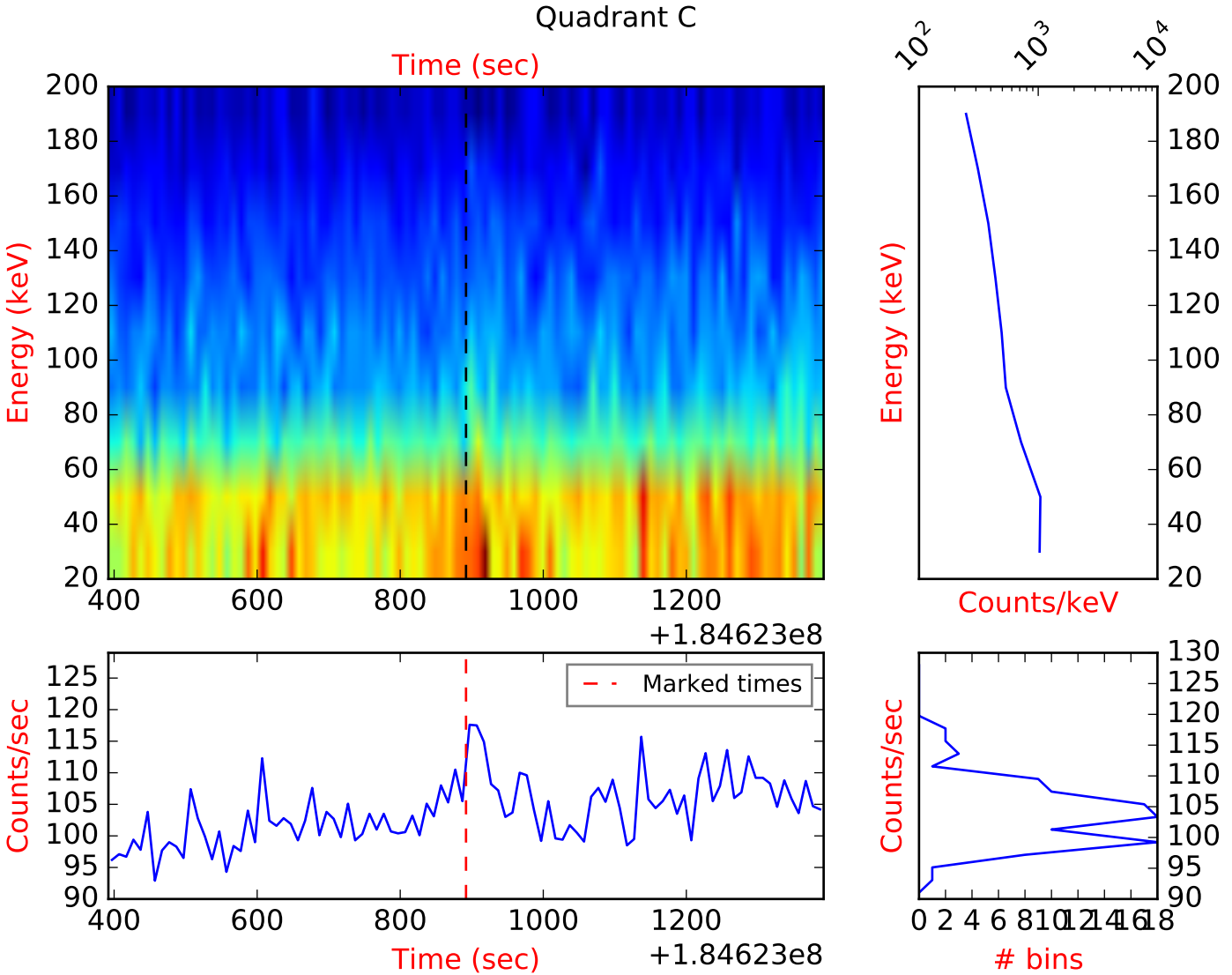

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
400
600
800
1000
1200
Time (sec)
+1.84623e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
8
6
4
2
0
400
600
800
1000
1200
Time (sec)
+1.84623e8

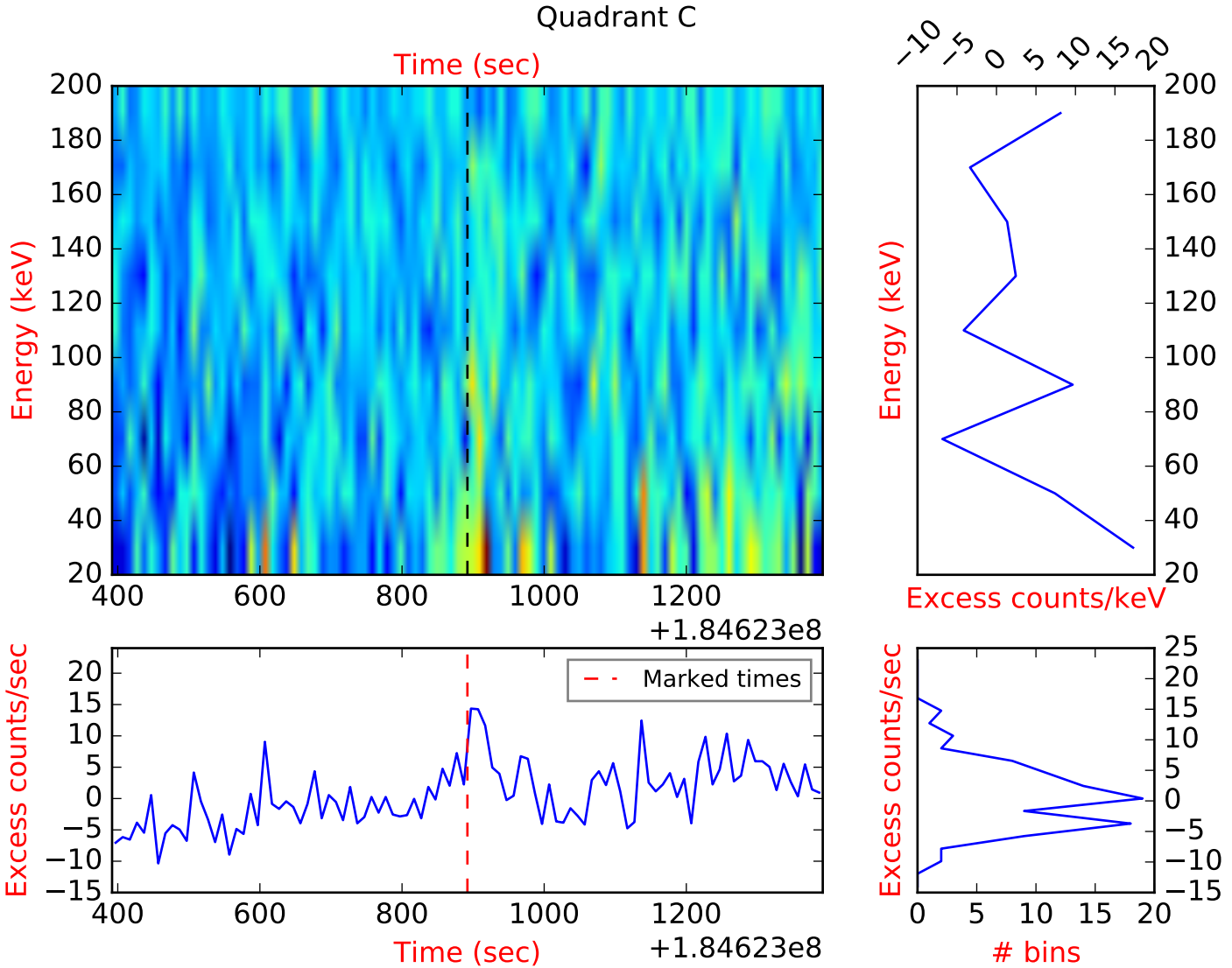

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
130
125
120
115
110
105
100
95
135
0
5
10
15
20
25
30
bins

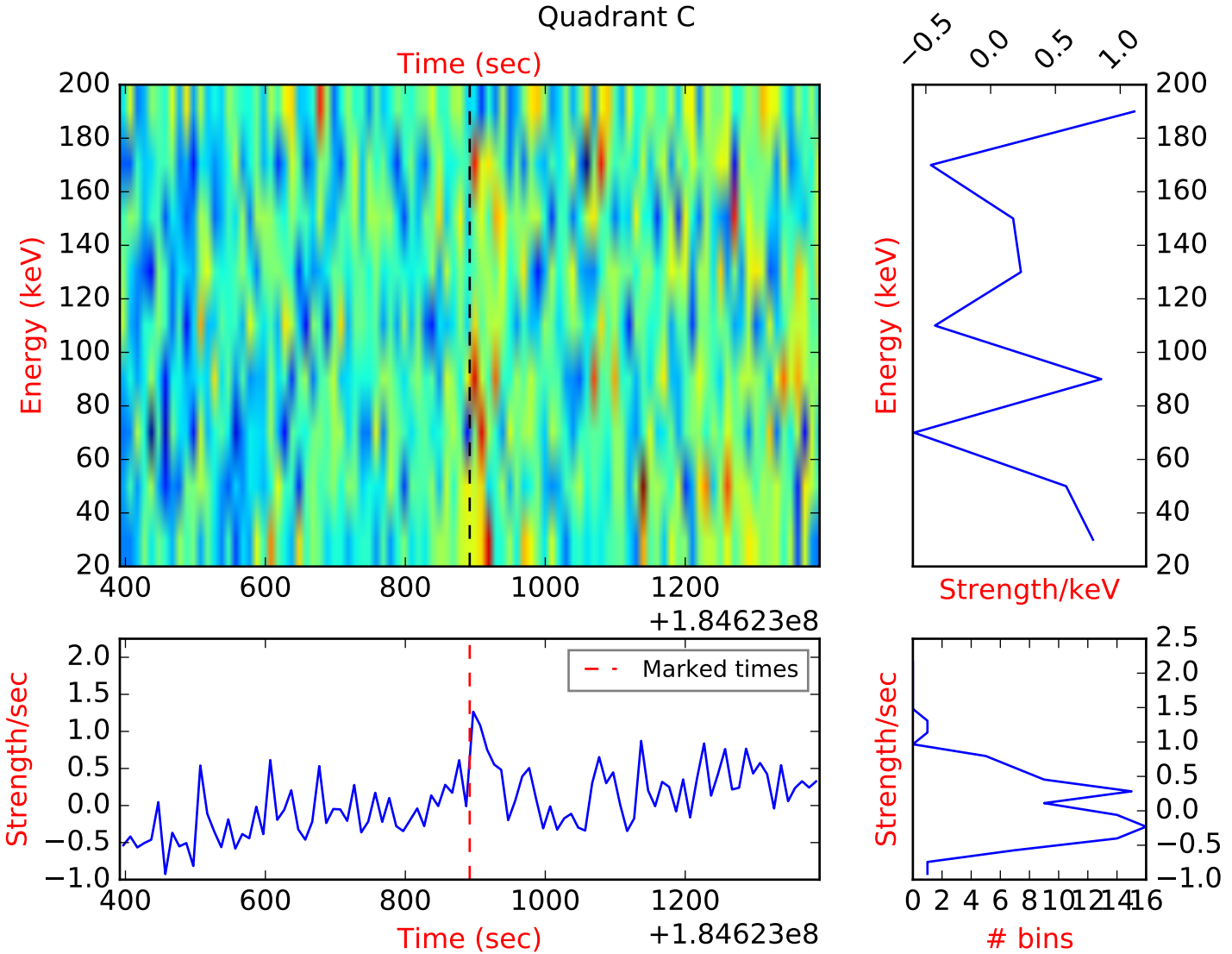

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
−6 −4 −2 0 2 4 6 8 10
Excess counts/keV
Excess counts/sec
Marked times
25
20
15
10
5
0
−5
−10
bins
30

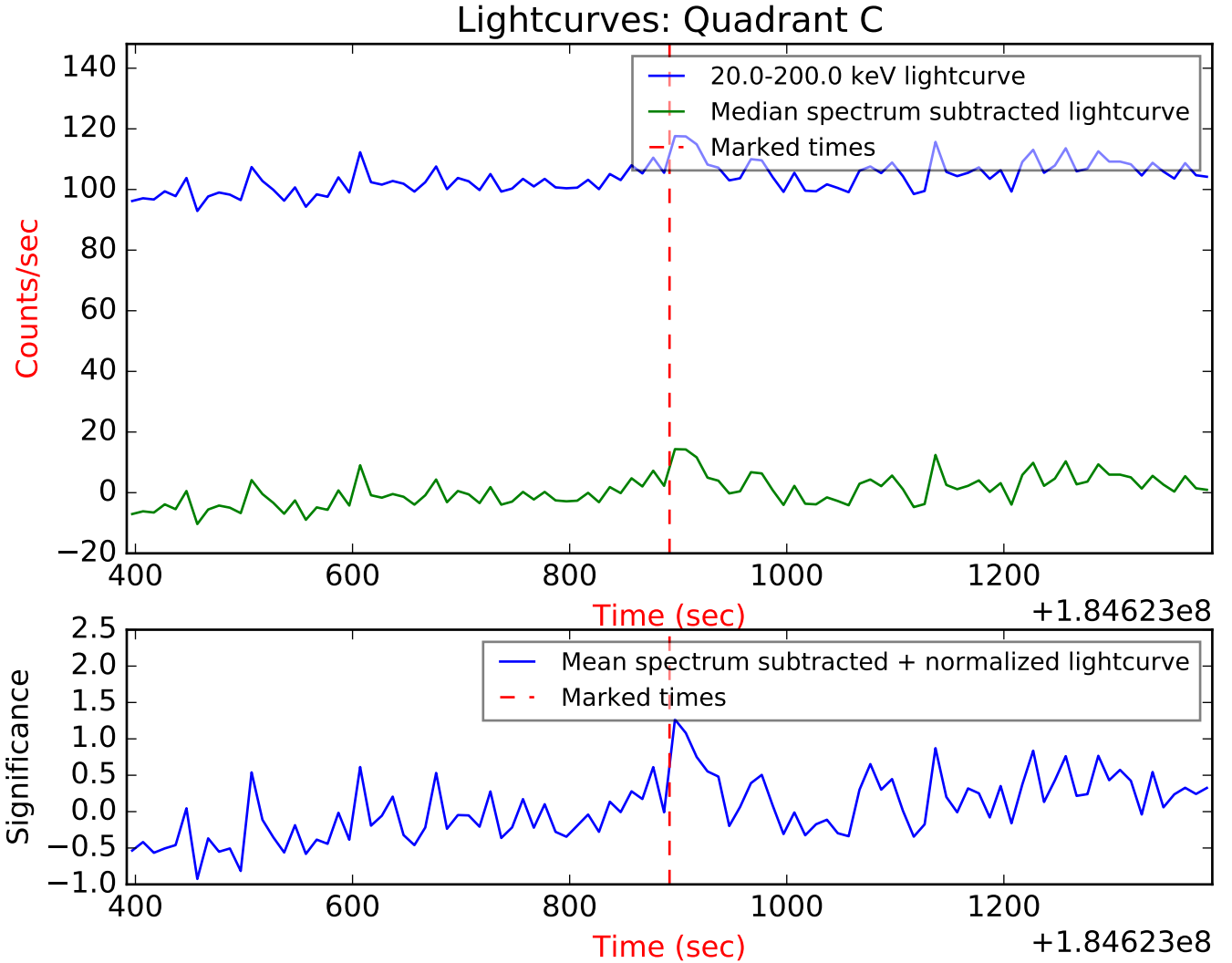

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
Strength/keV
Strength/sec
Marked times
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
3.0
0
5
10
15
20
25
bins

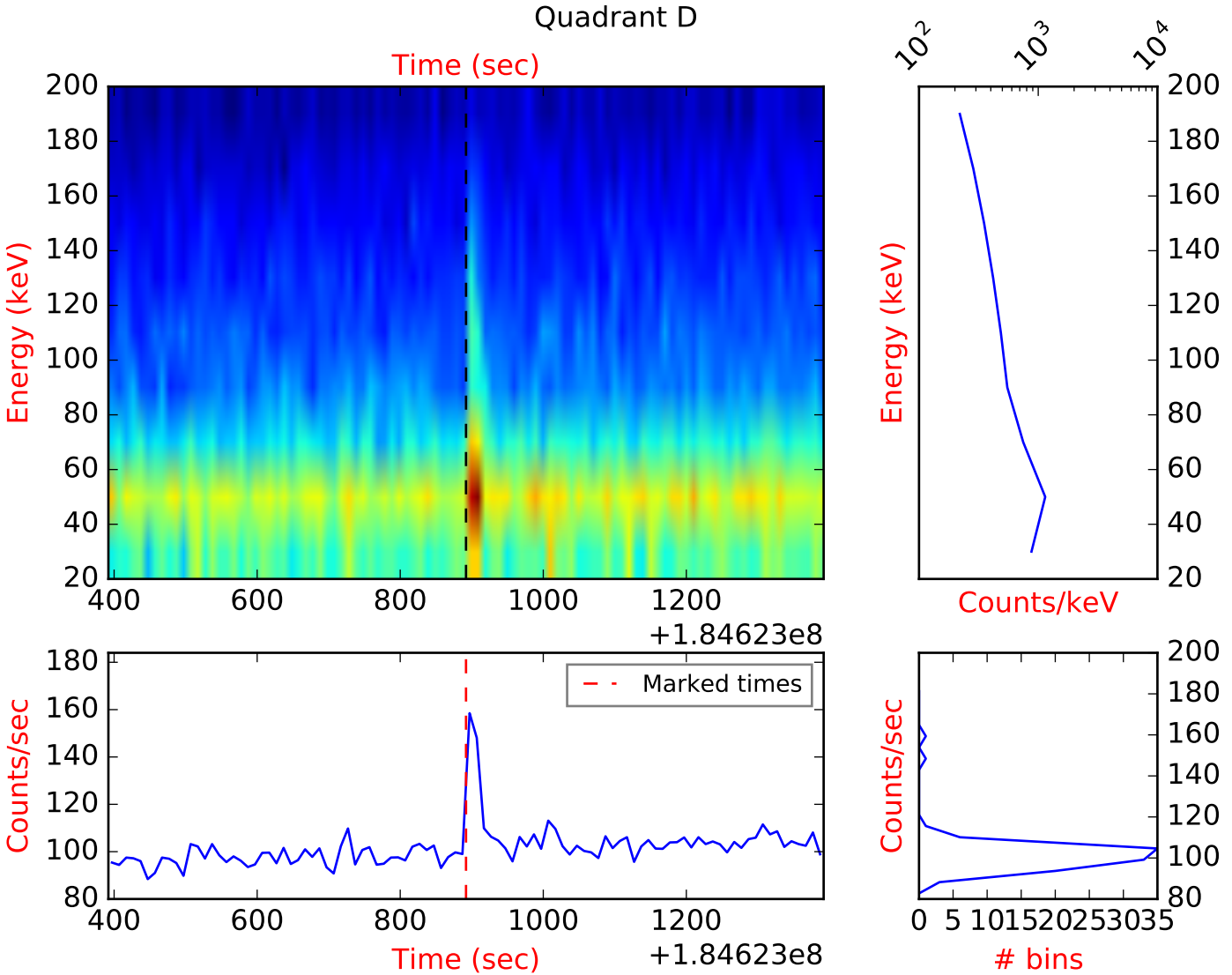

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
400
600
800
1000
1200
Time (sec)
+1.84623e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
400
600
800
1000
1200
Time (sec)
+1.84623e8

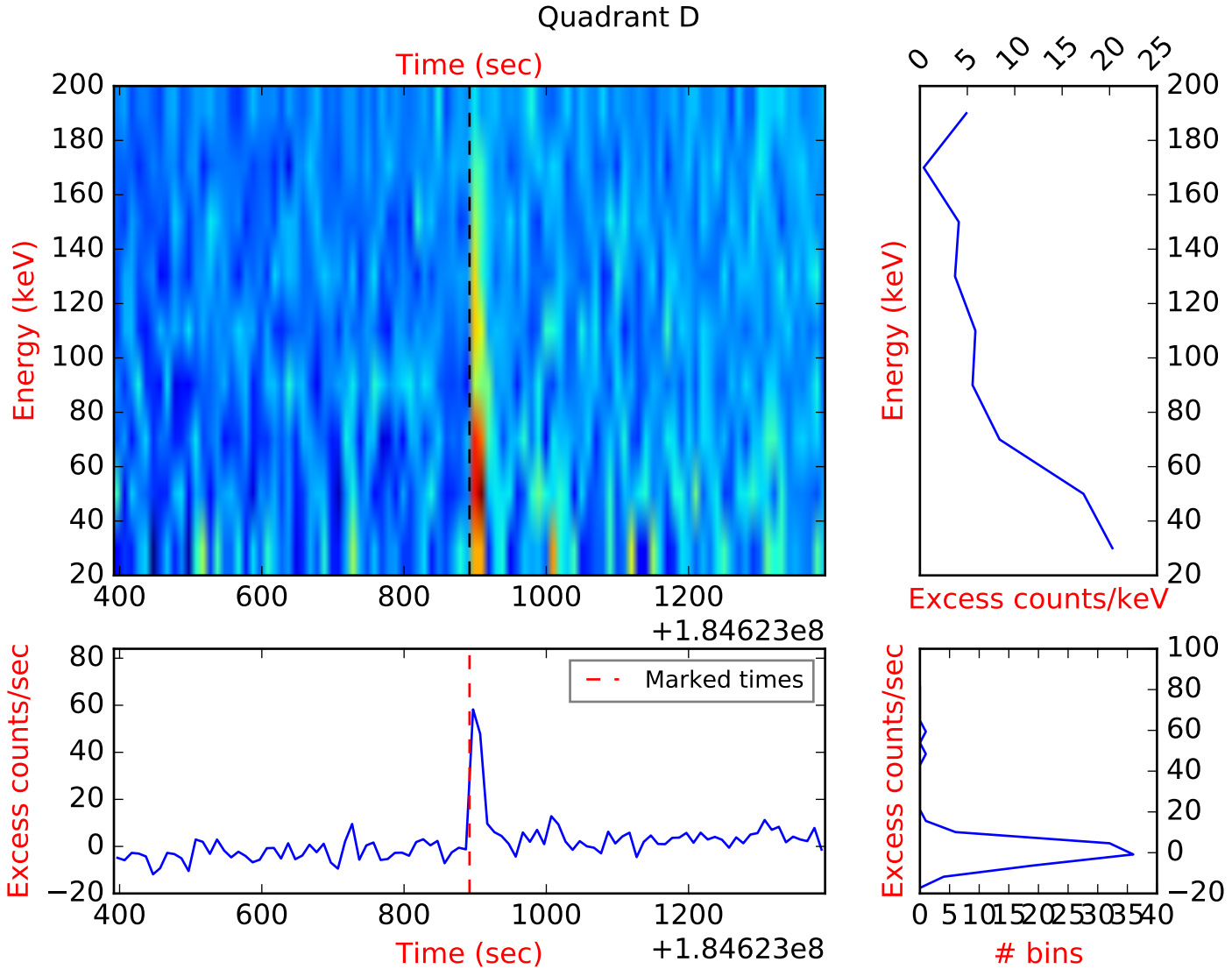

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
125
120
115
110
105
100
95
90
130
0 2 4 6 8 10 12 14 16 18
bins

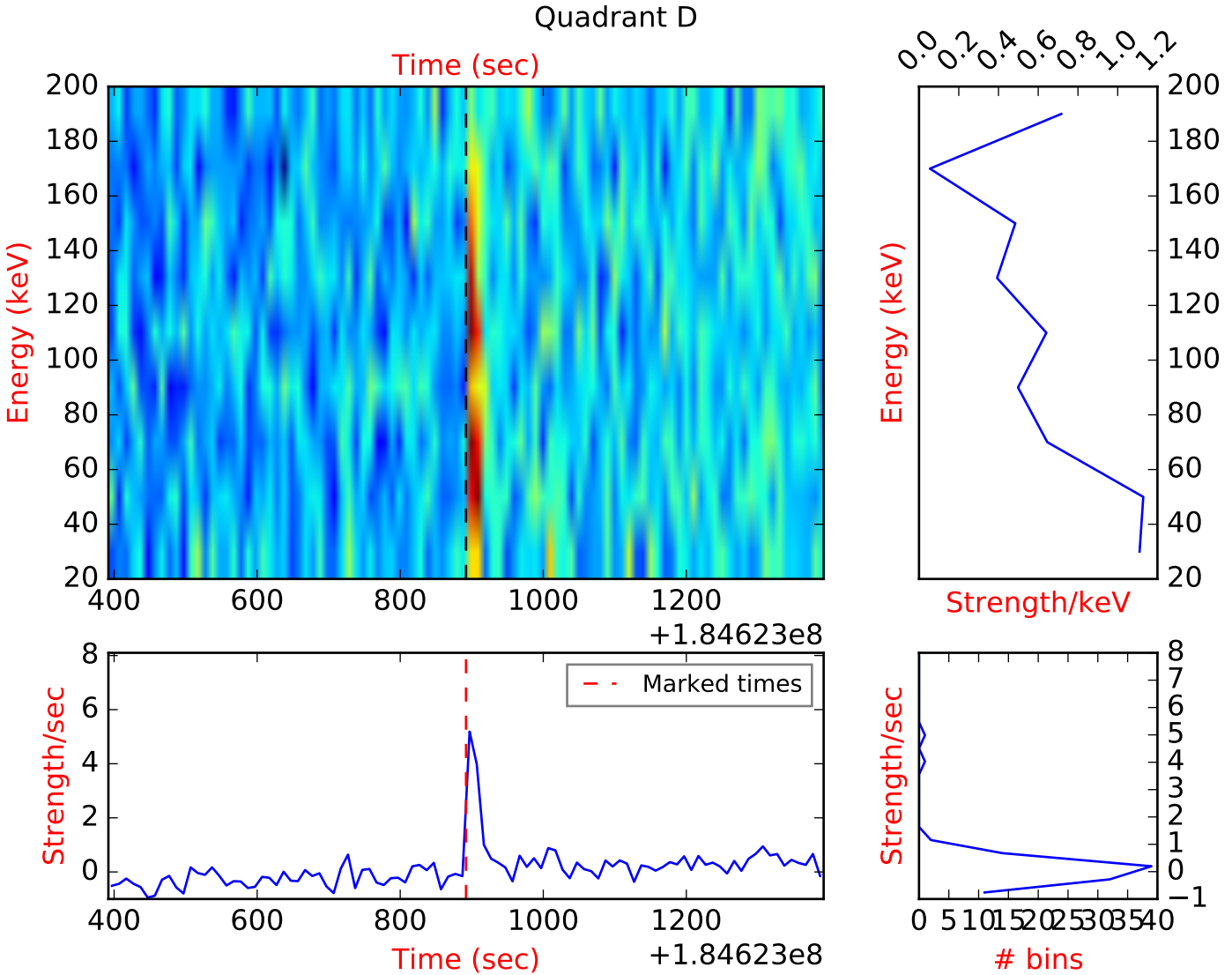

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
−10
−5
0
5
10
15
20
Excess counts/keV
Excess counts/sec
Marked times
25
−15
bins

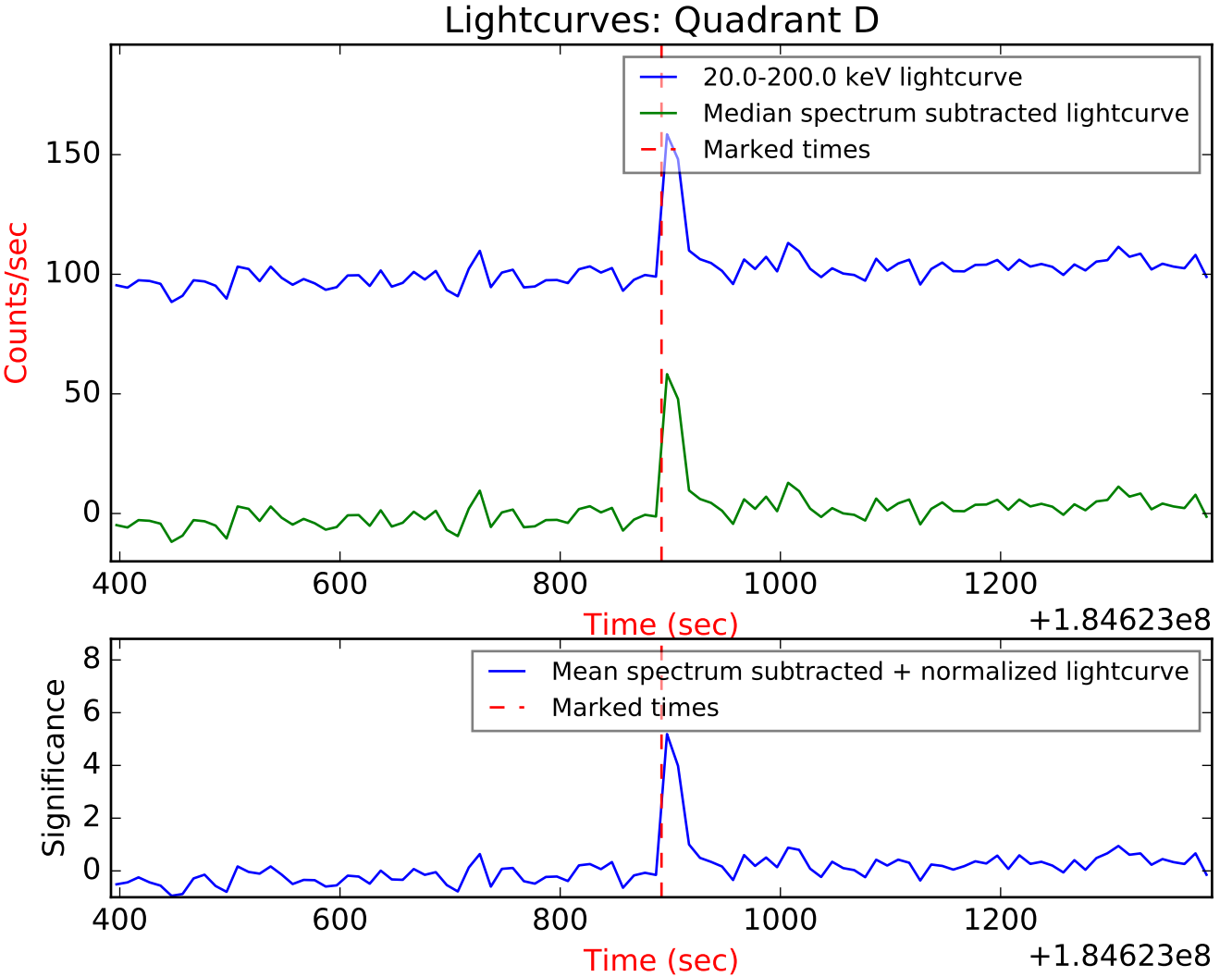

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
−0.5
0.0
0.5
1.0
Strength/keV
Strength/sec
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
Marked times
Time (sec)
bins
0 2 4 6 8 10 12 14 16
2.5

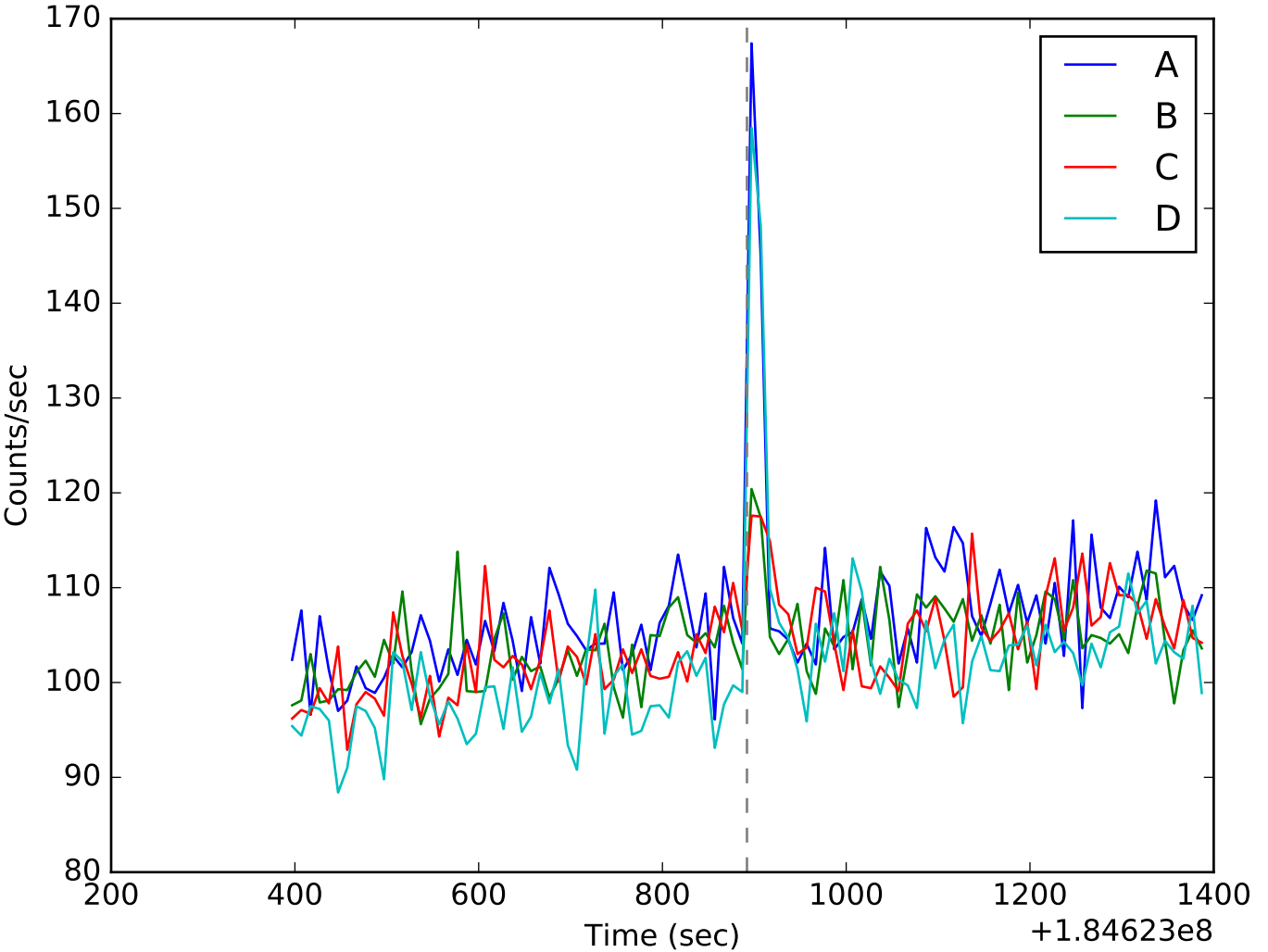

Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
140
120
100
80
60
40
20
0
−20
400
600
800
1000
1200
Time (sec)
+1.84623e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
400
600
800
1000
1200
Time (sec)
+1.84623e8


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
Time (sec)
0 5 10 15 20 25 30 35
bins


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
0
5
10
15
20
25
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins
0 5 10 15 20 25 30 35 40


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
400
600
800
1000
1200
+1.84623e8
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Strength/keV
Strength/sec
8
6
4
2
0
Marked times
Time (sec)
bins
0
5
10
15
20
25
30
35
40
−1
7
3
1


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
400
600
800
1000
1200
Time (sec)
+1.84623e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
8
6
4
2
0
400
600
800
1000
1200
Time (sec)
+1.84623e8


170
160
150
140
130
120
110
100
90
80
Counts/sec
200
400
600
800
1000
1200
1400
Time (sec)
+1.84623e8
A
B
C
D