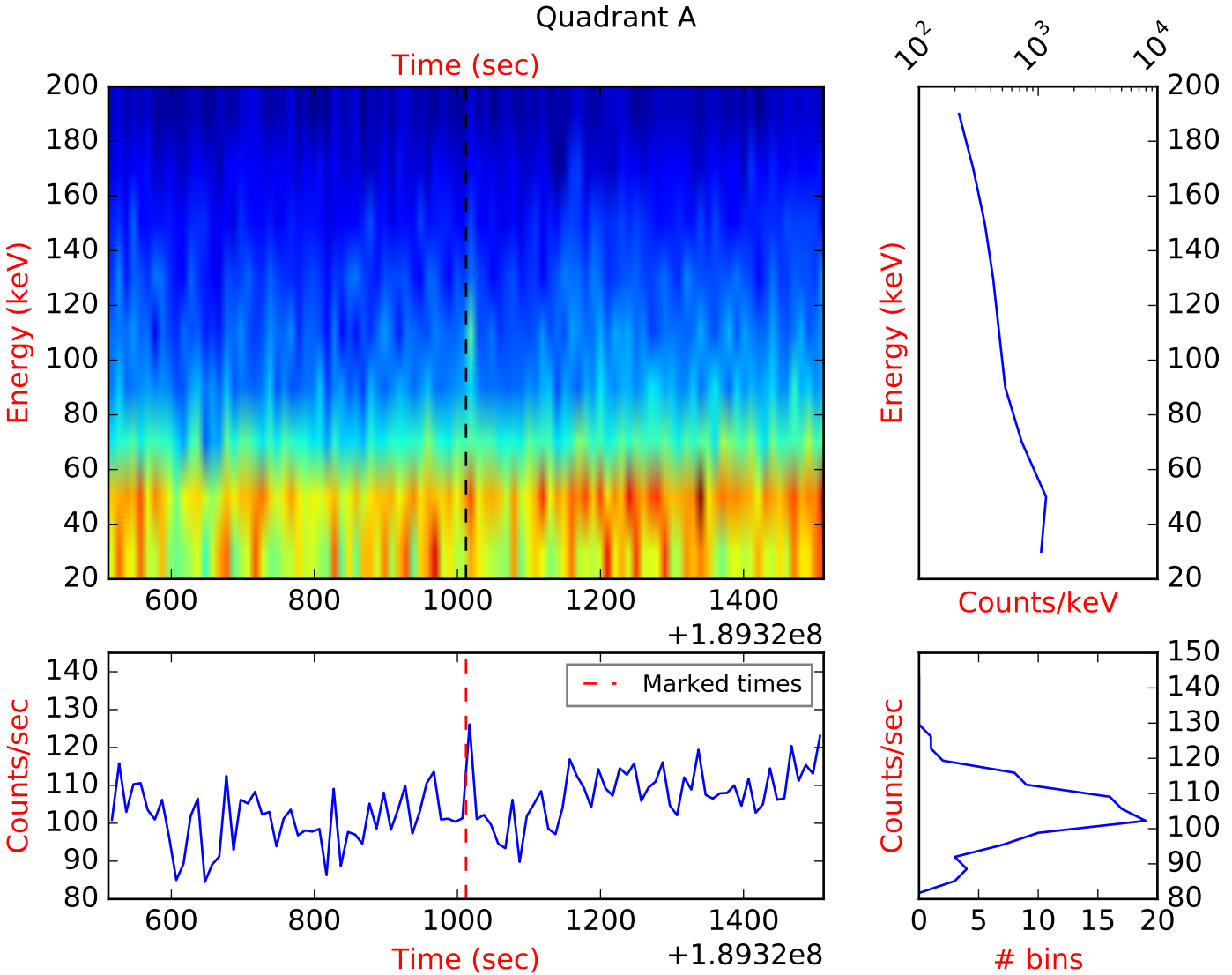
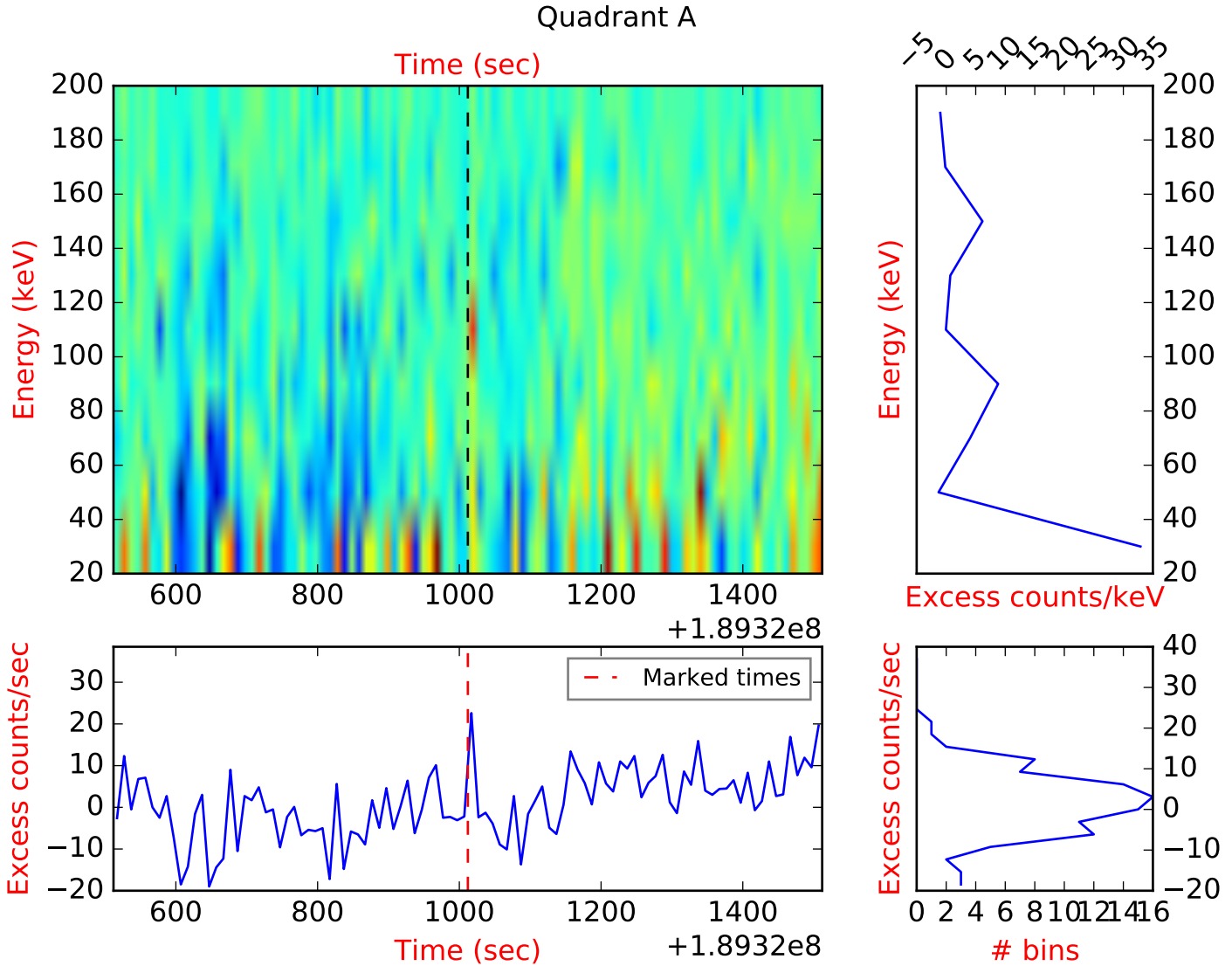
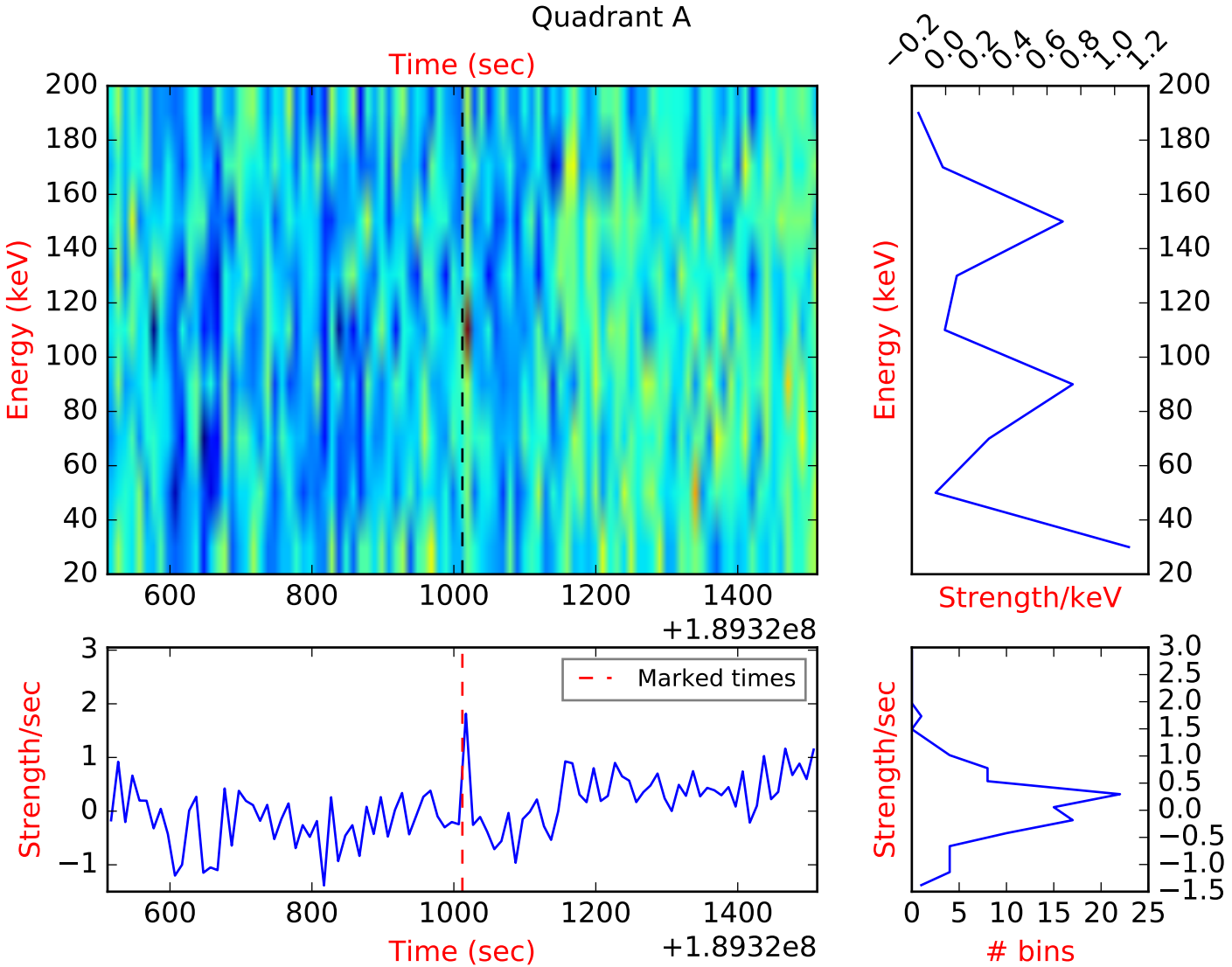
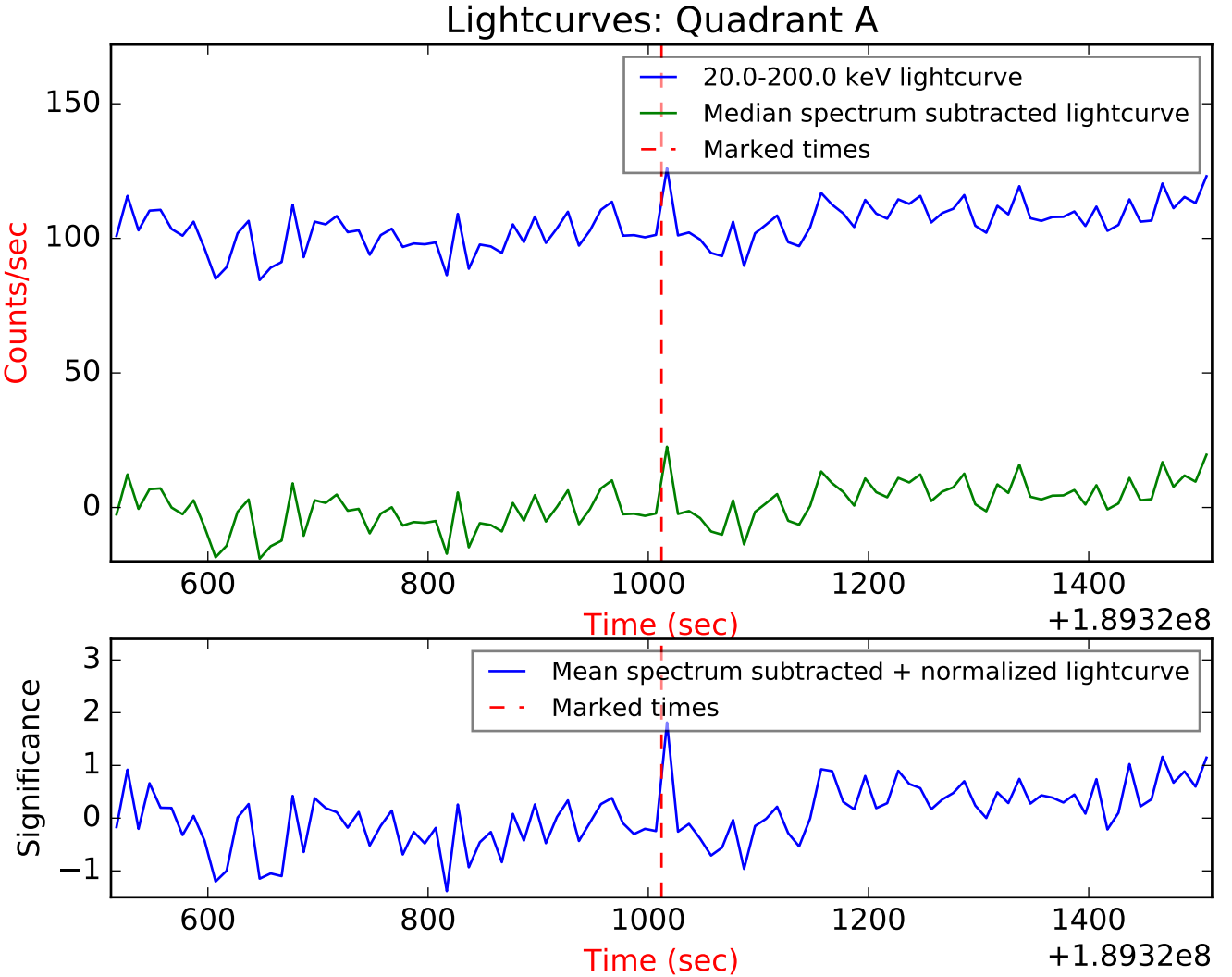
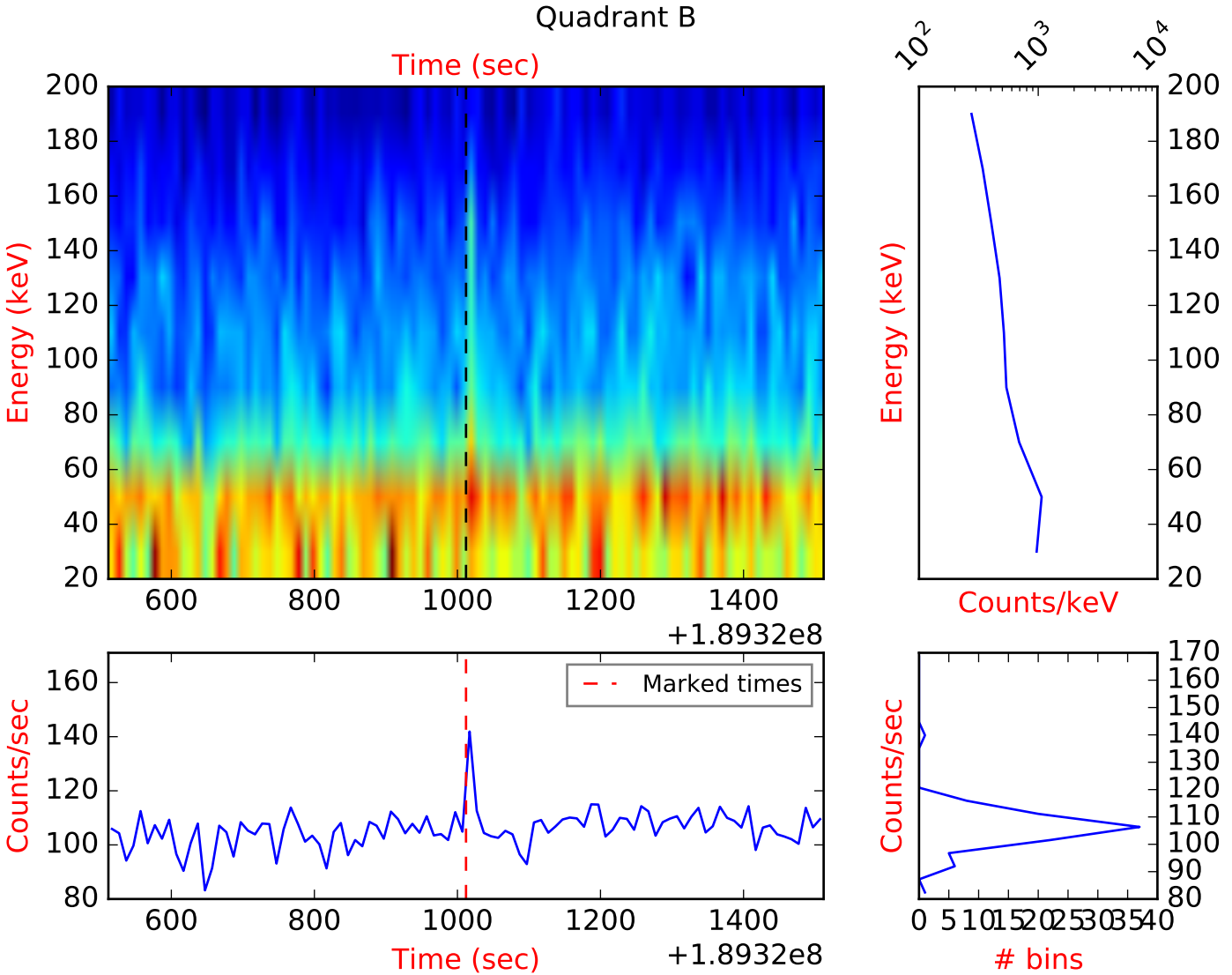
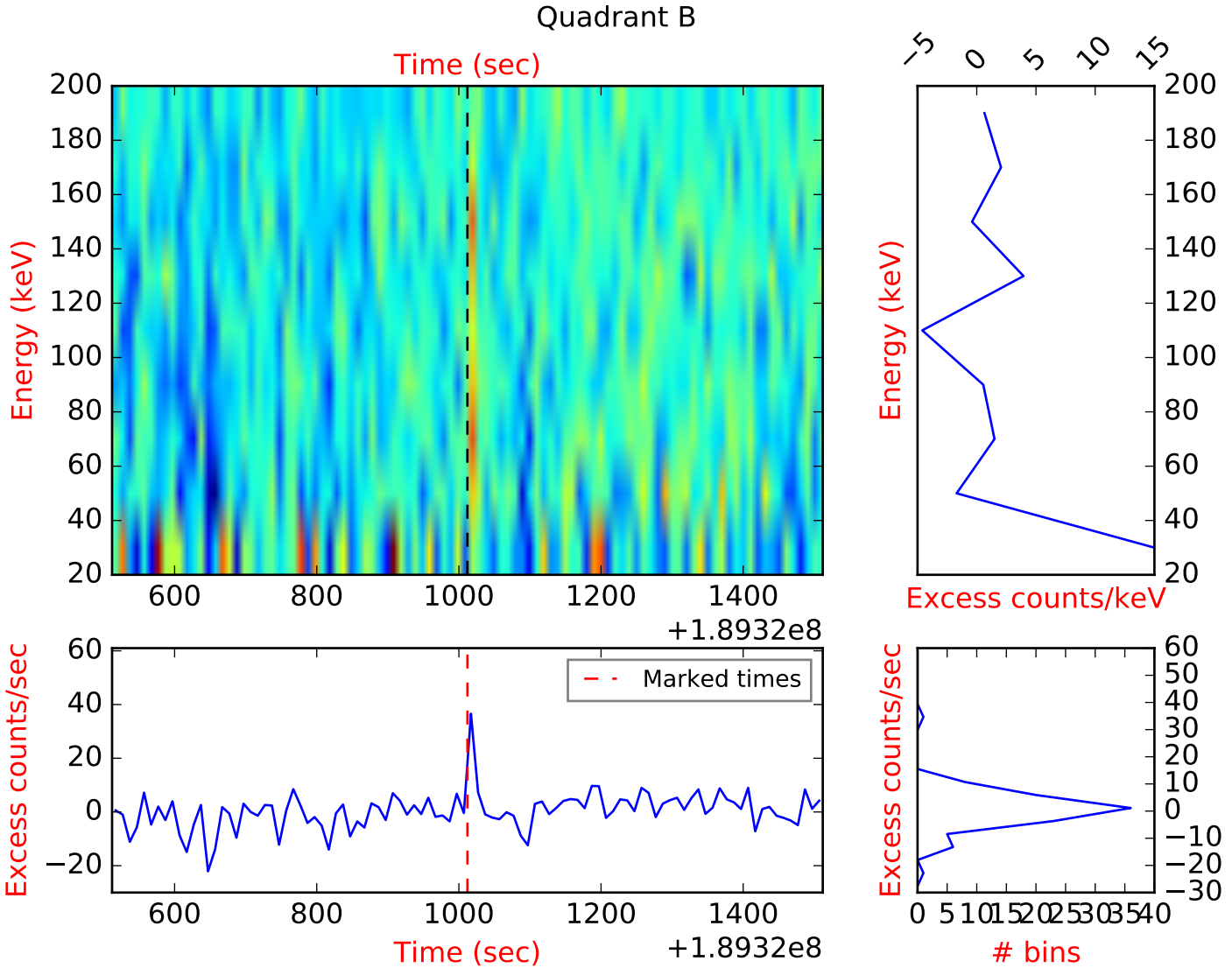

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
140
130
120
110
100
90
80
Time (sec)
+1.8932e8
150
140
130
120
110
100
90
80
0
5
10
15
20
bins

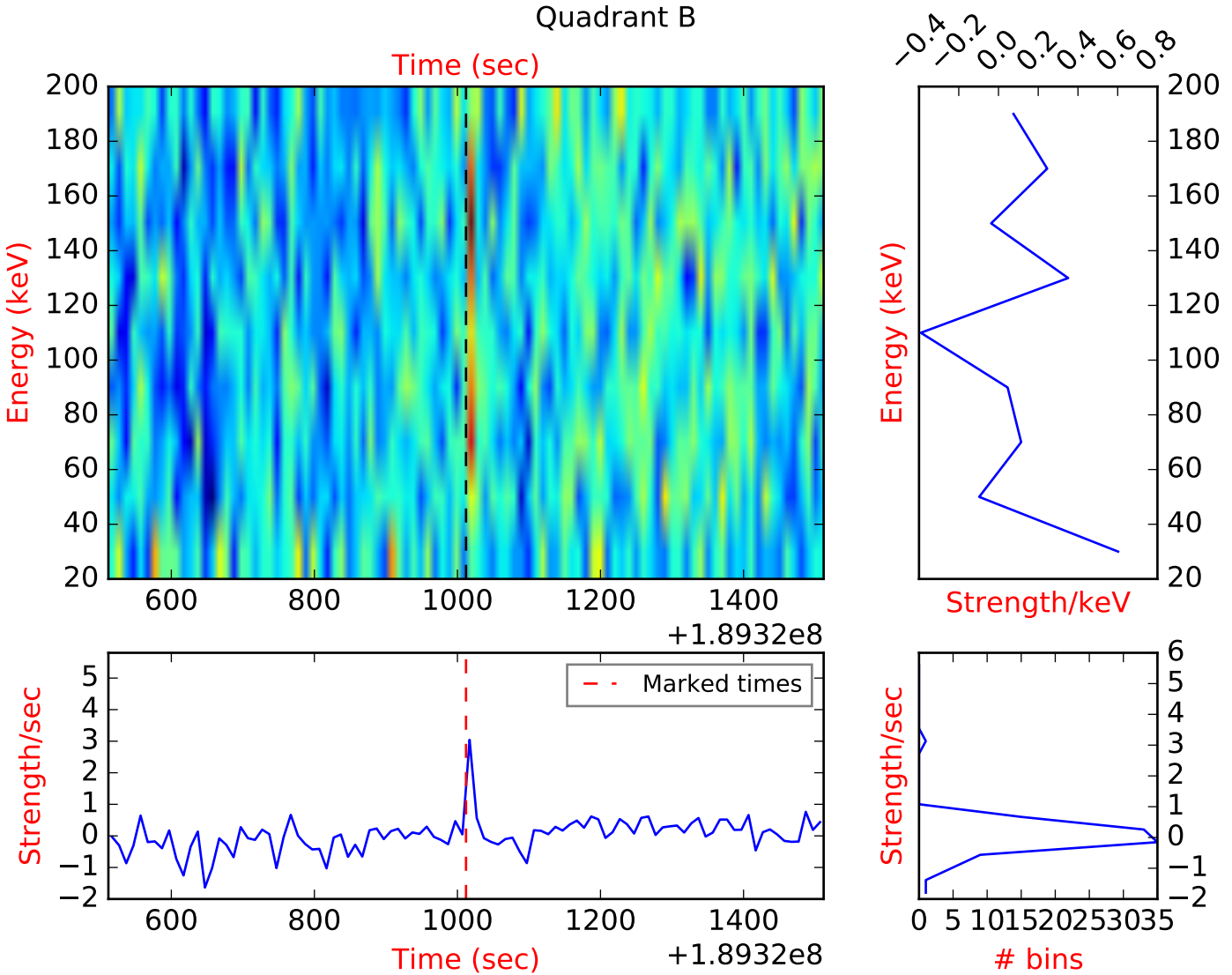

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−5
0
5
10
15
20
25
30
35
Excess counts/keV
Excess counts/sec
Marked times
30
20
10
0
−10
−20
Time (sec)
0
2
4
6
8
10
12
14
16
bins

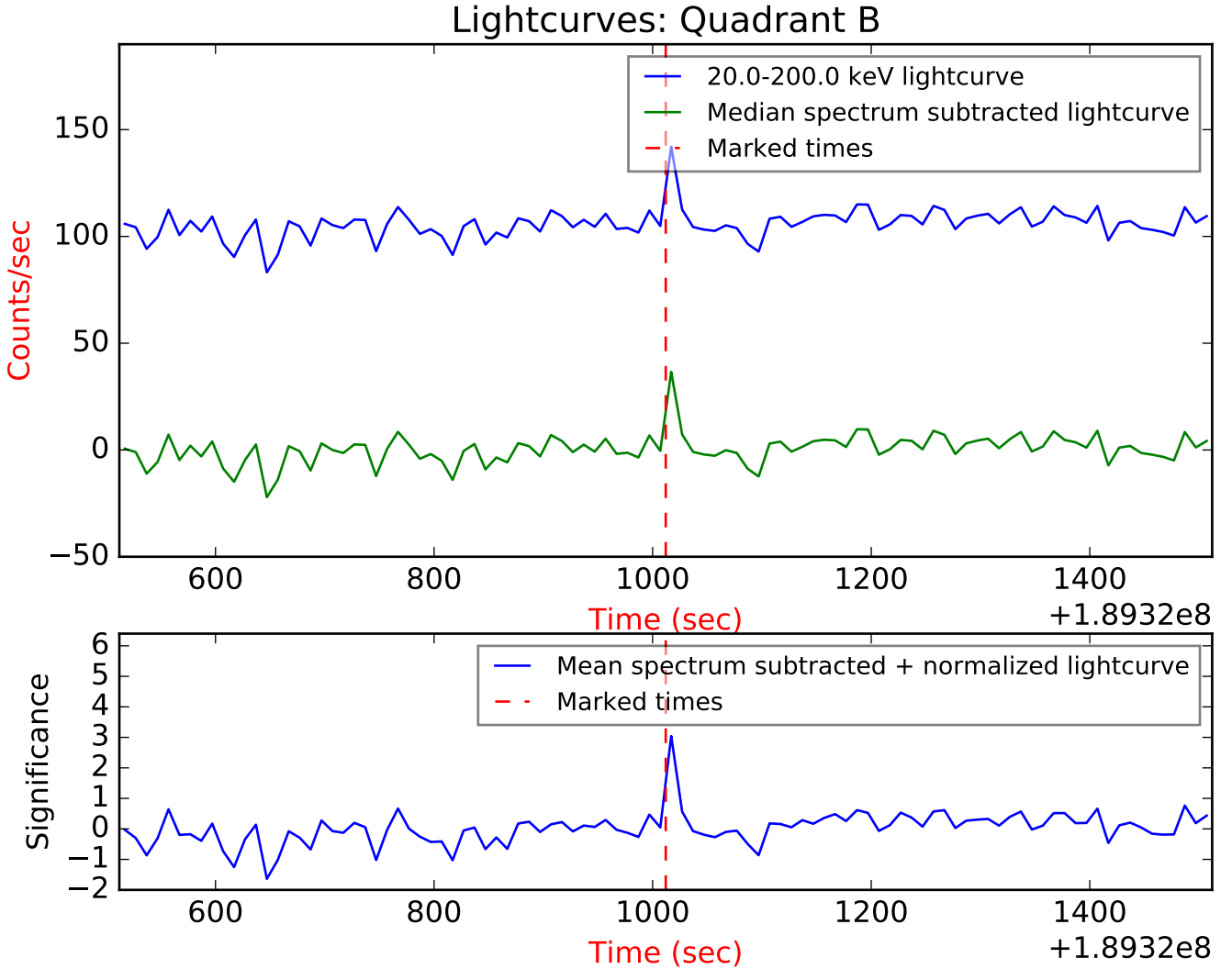

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Strength/keV
Strength/sec
3
2
1
0
−1
Marked times
Time (sec)
+1.8932e8
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
5
10
15
20
25
bins

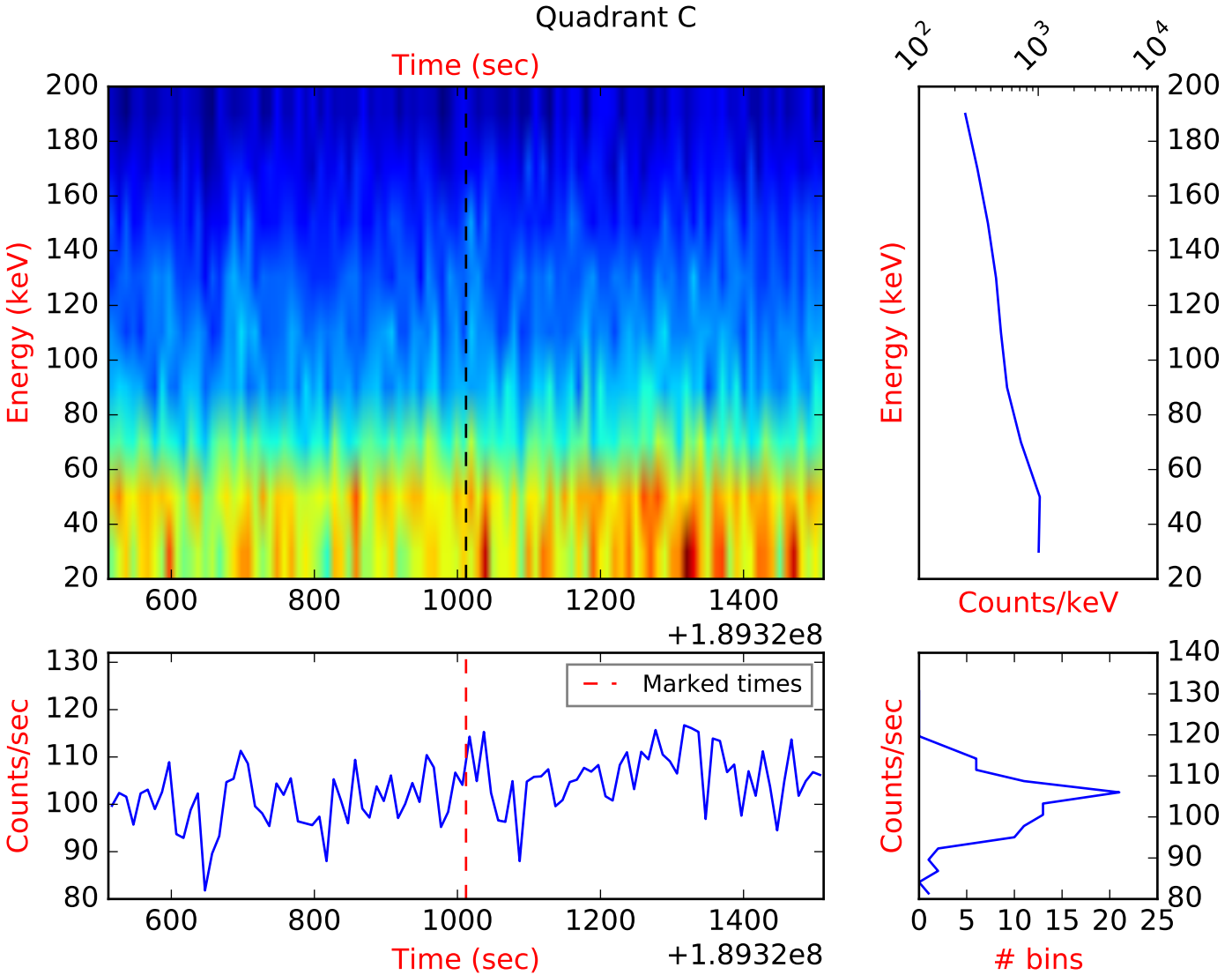

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
600
800
1000
1200
1400
Time (sec)
+1.8932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
3
2
1
0
−1
600
800
1000
1200
1400
Time (sec)
+1.8932e8

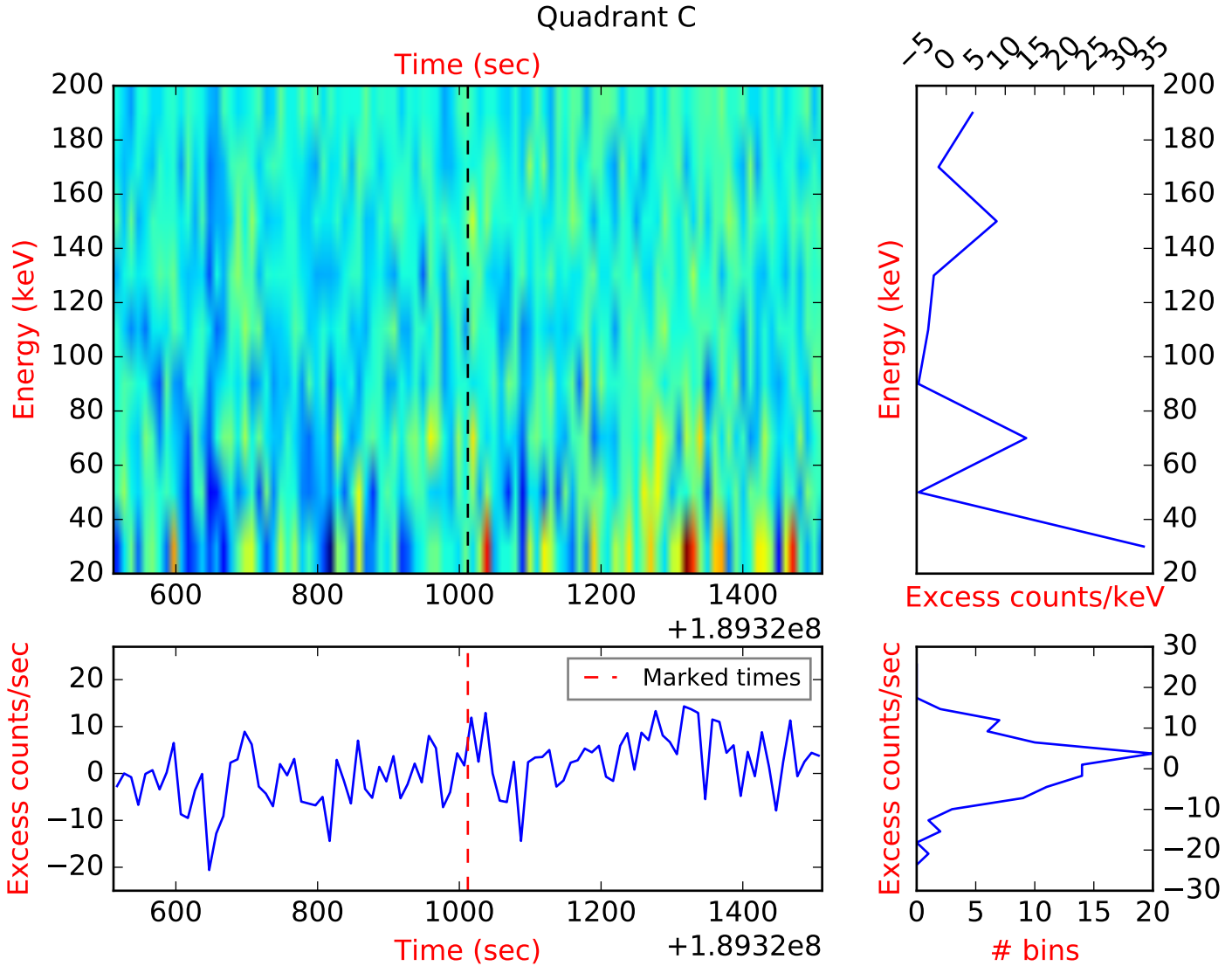

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
0 5 10 15 20 25 30 35 40

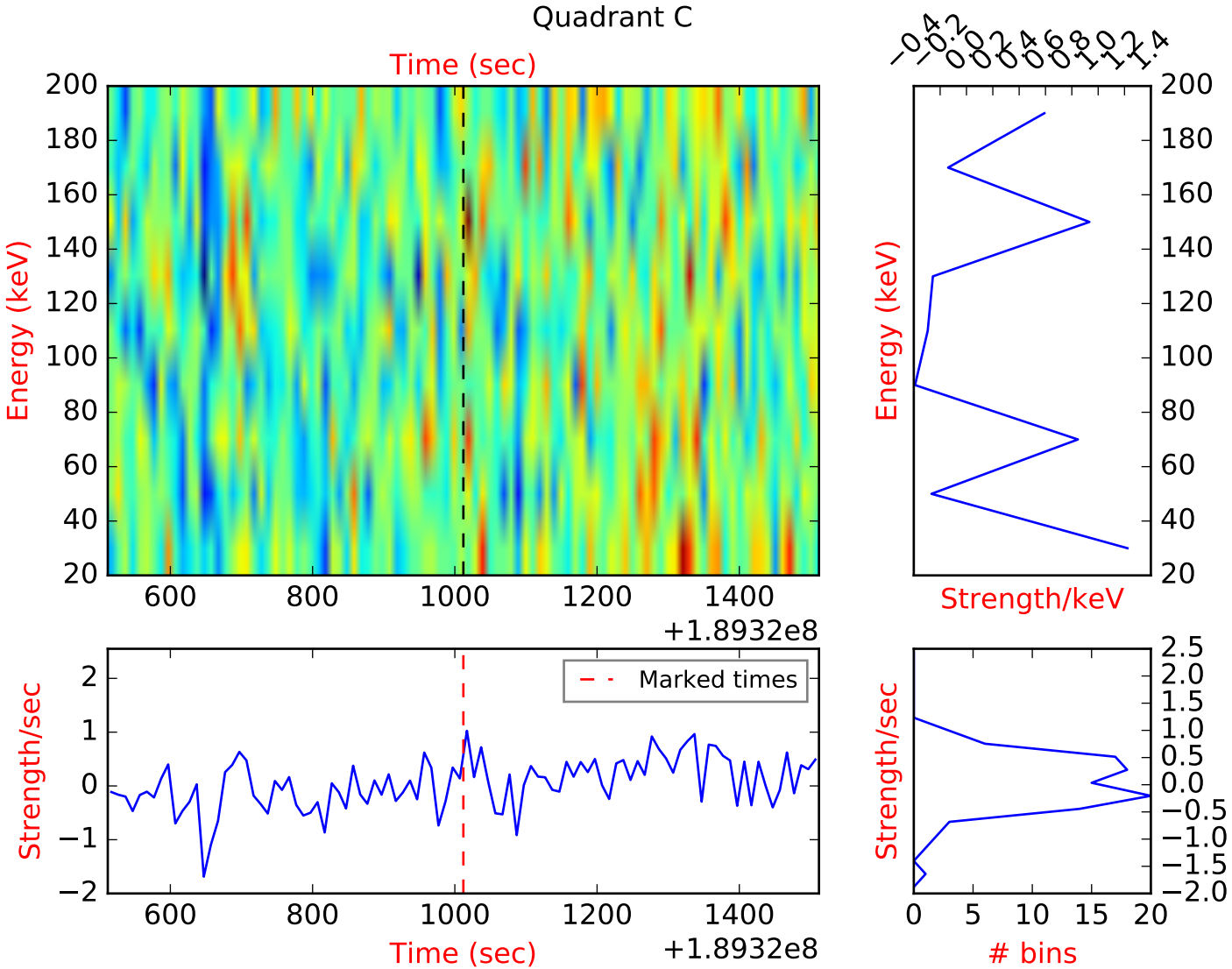

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−5
0
5
10
15
Excess counts/keV
Excess counts/sec
Marked times
60
40
20
0
−20
Time (sec)
50
30
−10
−30
0 5 10 15 20 25 30 35 40
bins

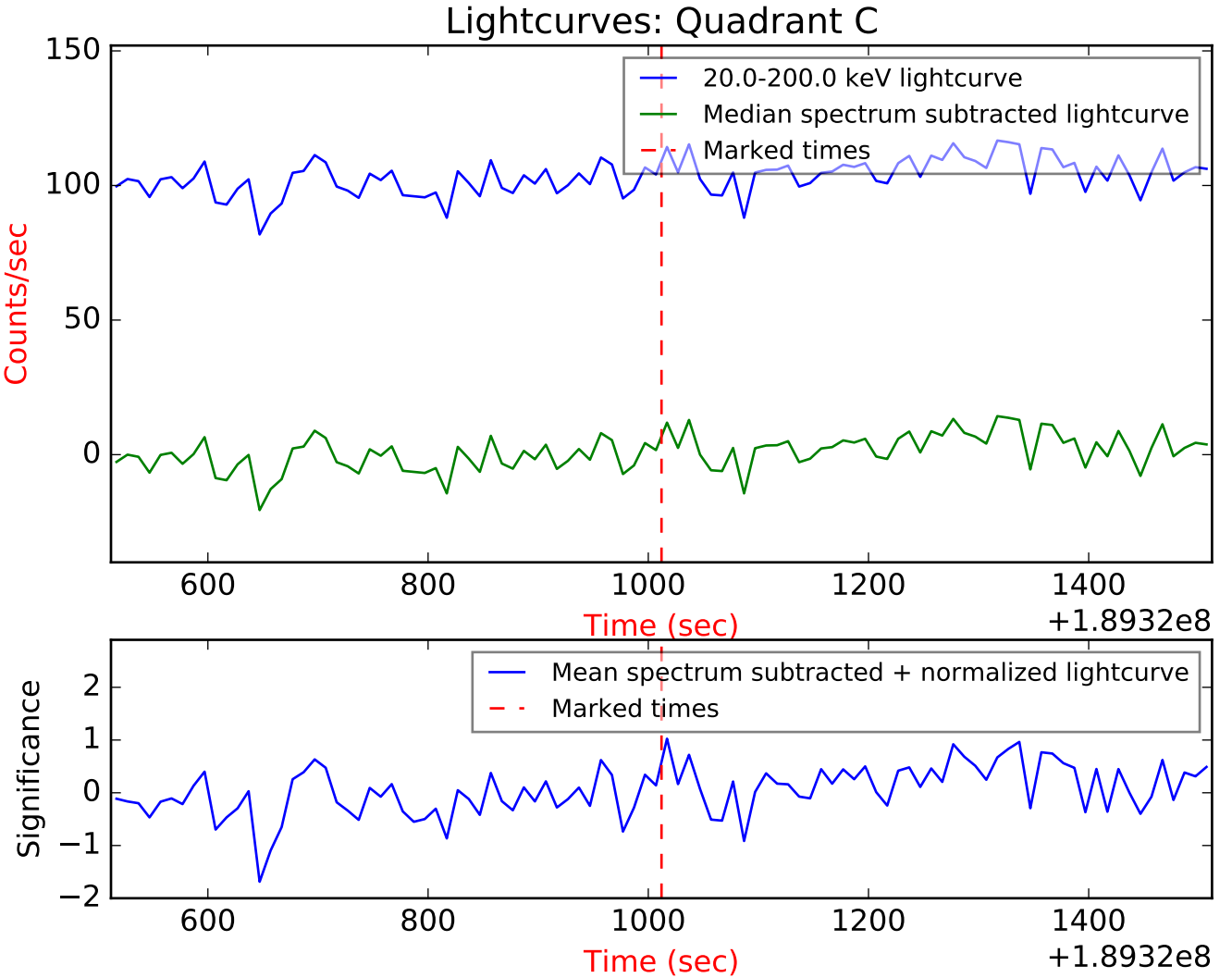

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
Strength/keV
Strength/sec
Marked times
5
4
3
2
1
0
−1
−2
Time (sec)
+1.8932e8
6
5
4
3
2
1
0
−1
−2
0
5
10
15
20
25
30
35
bins

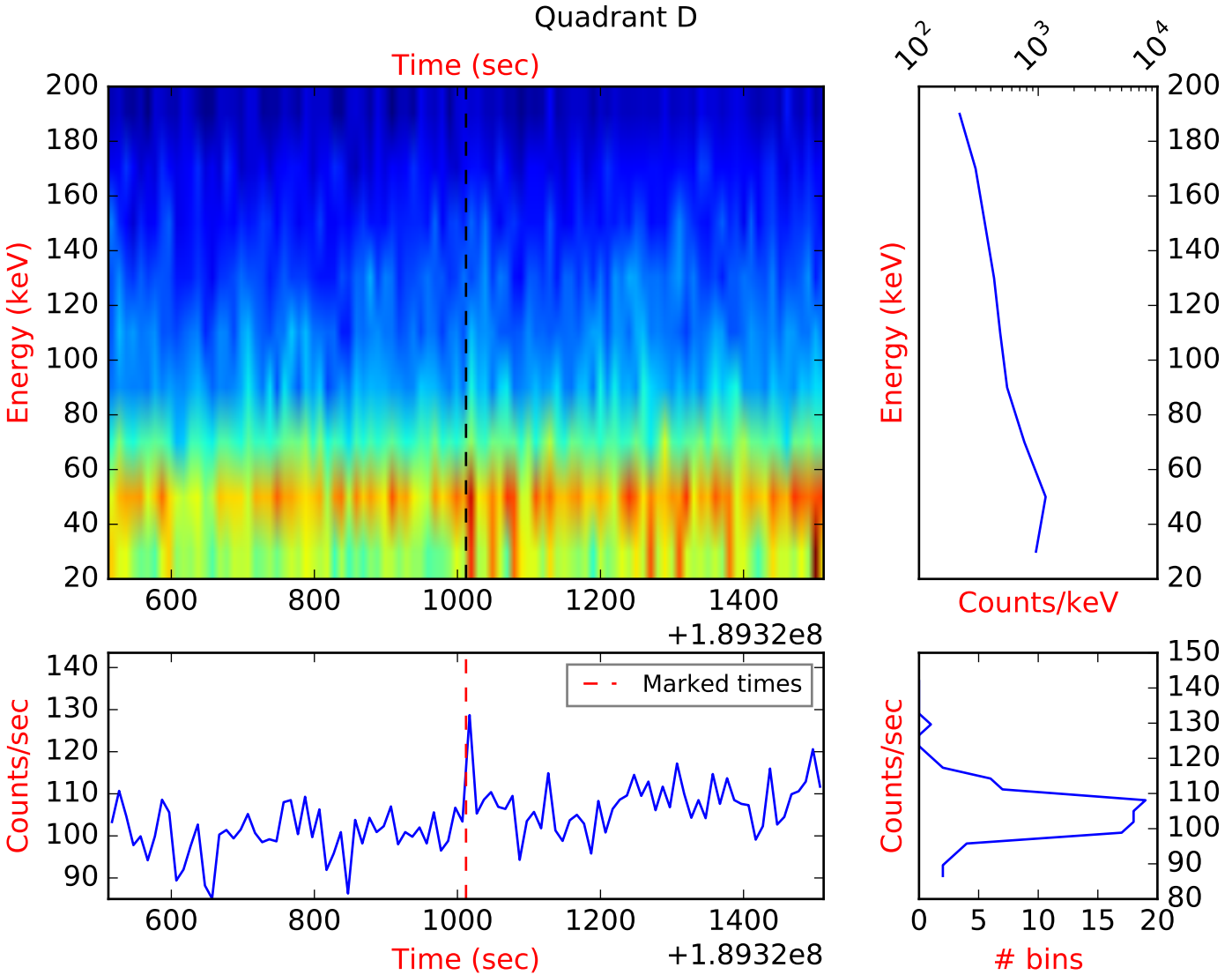

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
600
800
1000
1200
1400
Time (sec)
+1.8932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
6
5
4
3
2
1
0
−1
−2
600
800
1000
1200
1400
Time (sec)
+1.8932e8

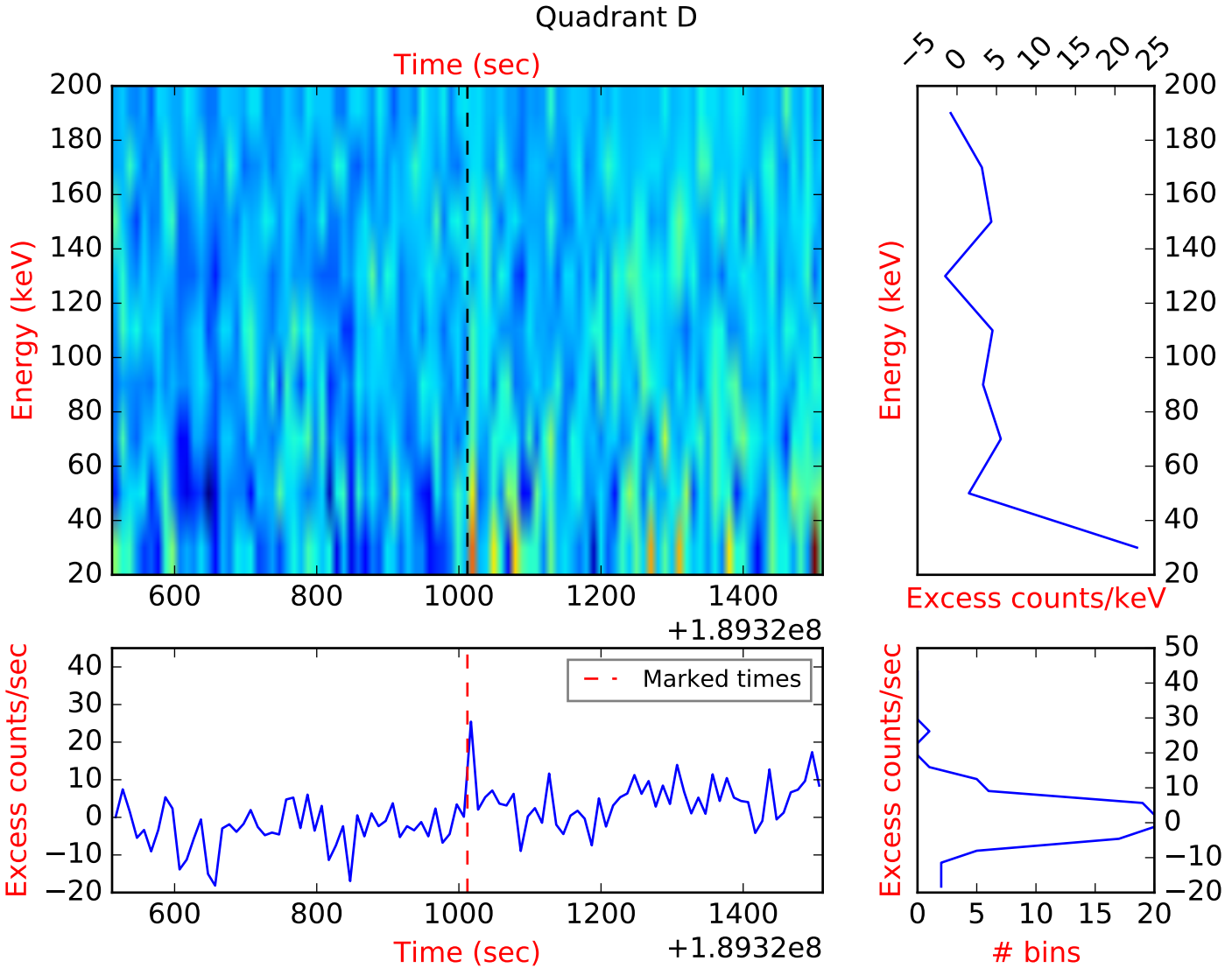

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
10^2
10^3
10^4
Counts/keV
Counts/sec
130
120
110
100
90
80
Marked times
Time (sec)
+1.8932e8
140
0
5
10
15
20
25
bins

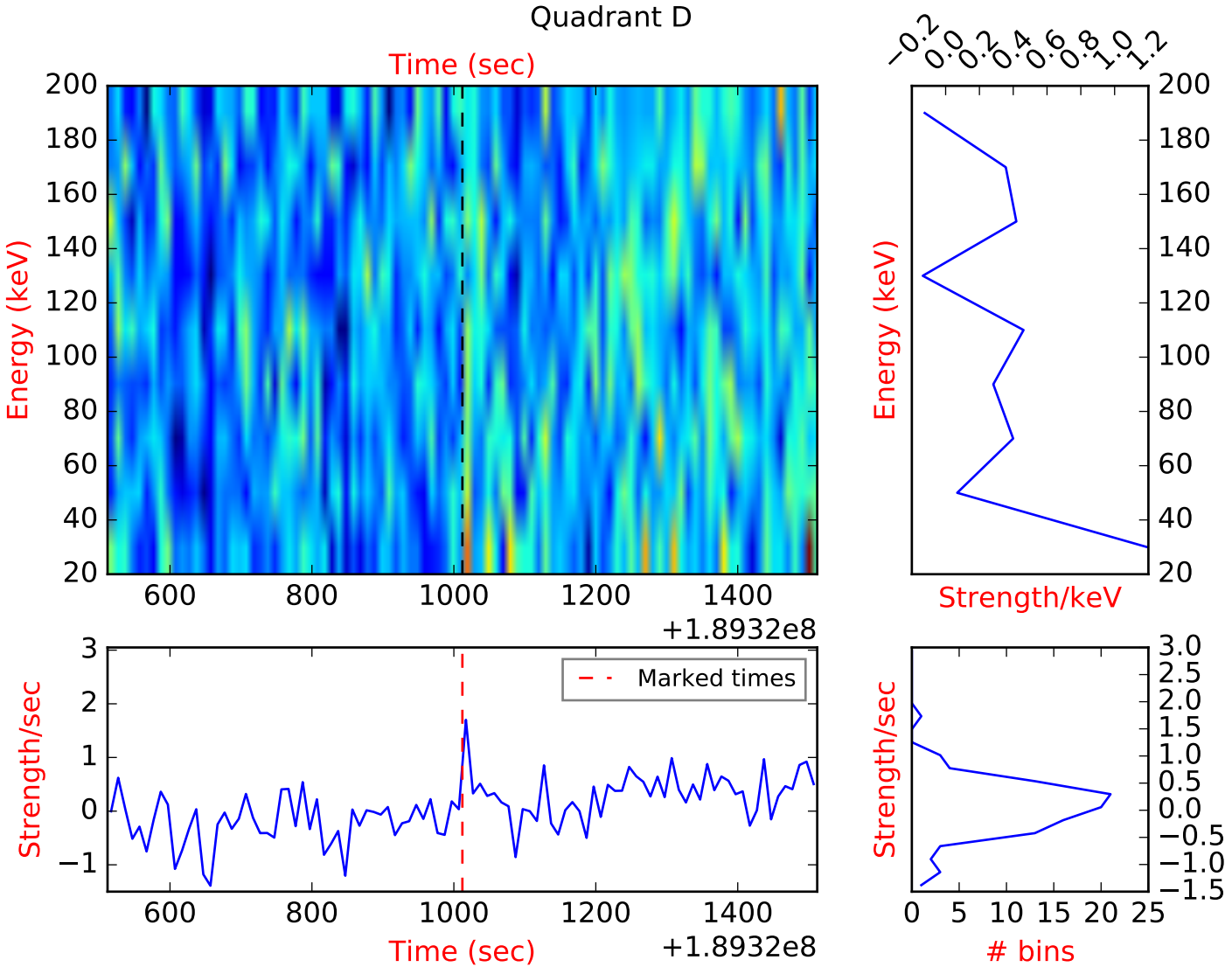

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−5
0
5
10
15
20
25
30
35
Excess counts/keV
Excess counts/sec
Marked times
30
20
10
0
−10
−20
−30
bins

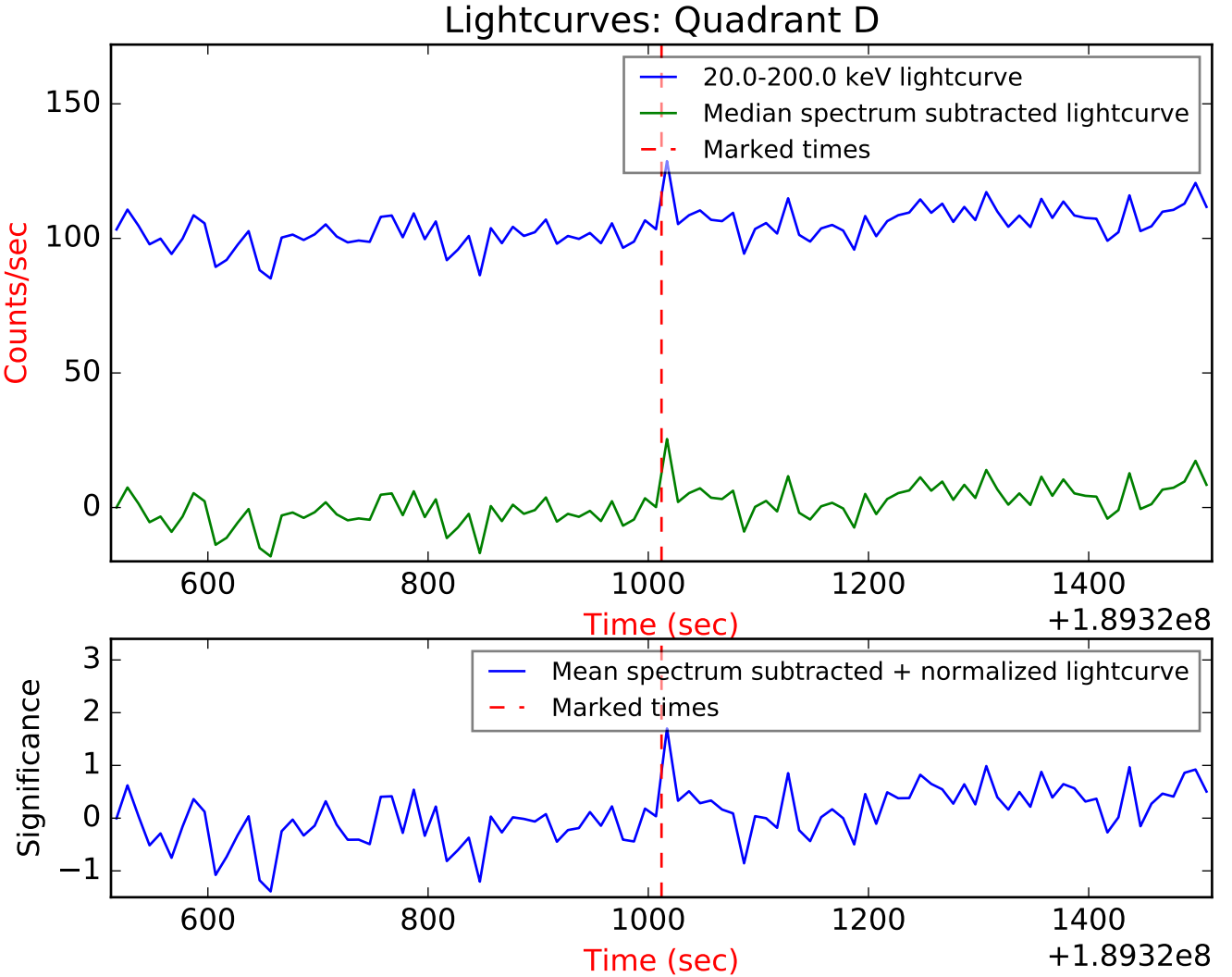

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Strength/keV
Strength/sec
2
1
0
−1
−2
Marked times
Time (sec)
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
5
10
15
20
bins

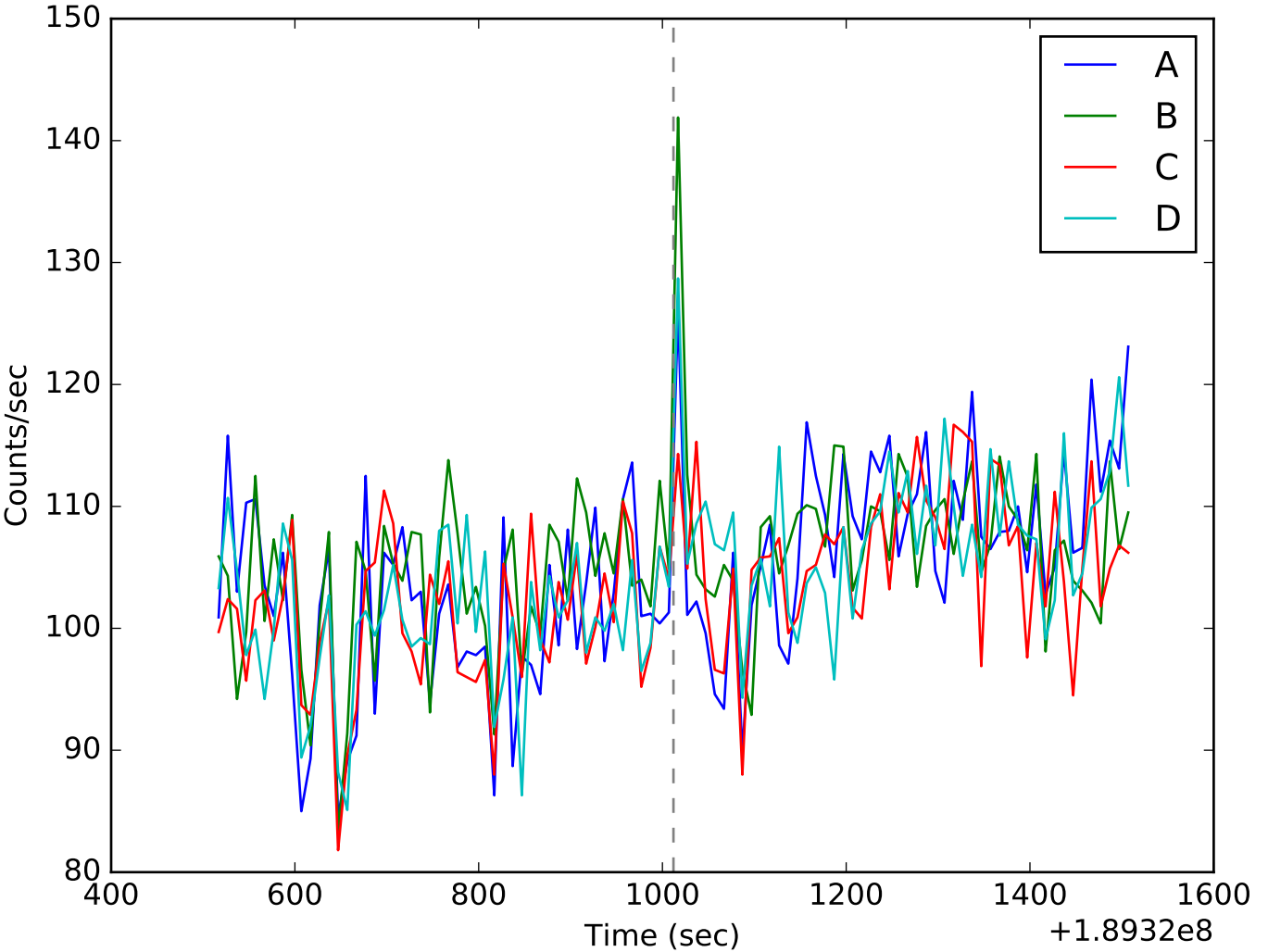

Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
600
800
1000
1200
1400
Time (sec)
+1.8932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
2
1
0
−1
−2
600
800
1000
1200
1400
Time (sec)
+1.8932e8


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
10^2
10^3
10^4
Counts/keV
Counts/sec
140
130
120
110
100
90
Marked times
Time (sec)
150
80
0
5
10
15
20
bins


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−5
0
5
10
15
20
25
Excess counts/keV
Excess counts/sec
Marked times
40
30
20
10
0
−10
−20
Time (sec)
+1.8932e8
50
bins


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
600
800
1000
1200
1400
+1.8932e8
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Strength/keV
Strength/sec
3
2
1
0
−1
Marked times
Time (sec)
+1.8932e8
2.5
1.5
0.5
−0.5
−1.5
0
5
10
15
20
25
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
600
800
1000
1200
1400
Time (sec)
+1.8932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
3
2
1
0
−1
600
800
1000
1200
1400
Time (sec)
+1.8932e8


150
140
130
120
110
100
90
80
Counts/sec
400
600
800
1000
1200
1400
1600
Time (sec)
+1.8932e8
A
B
C
D