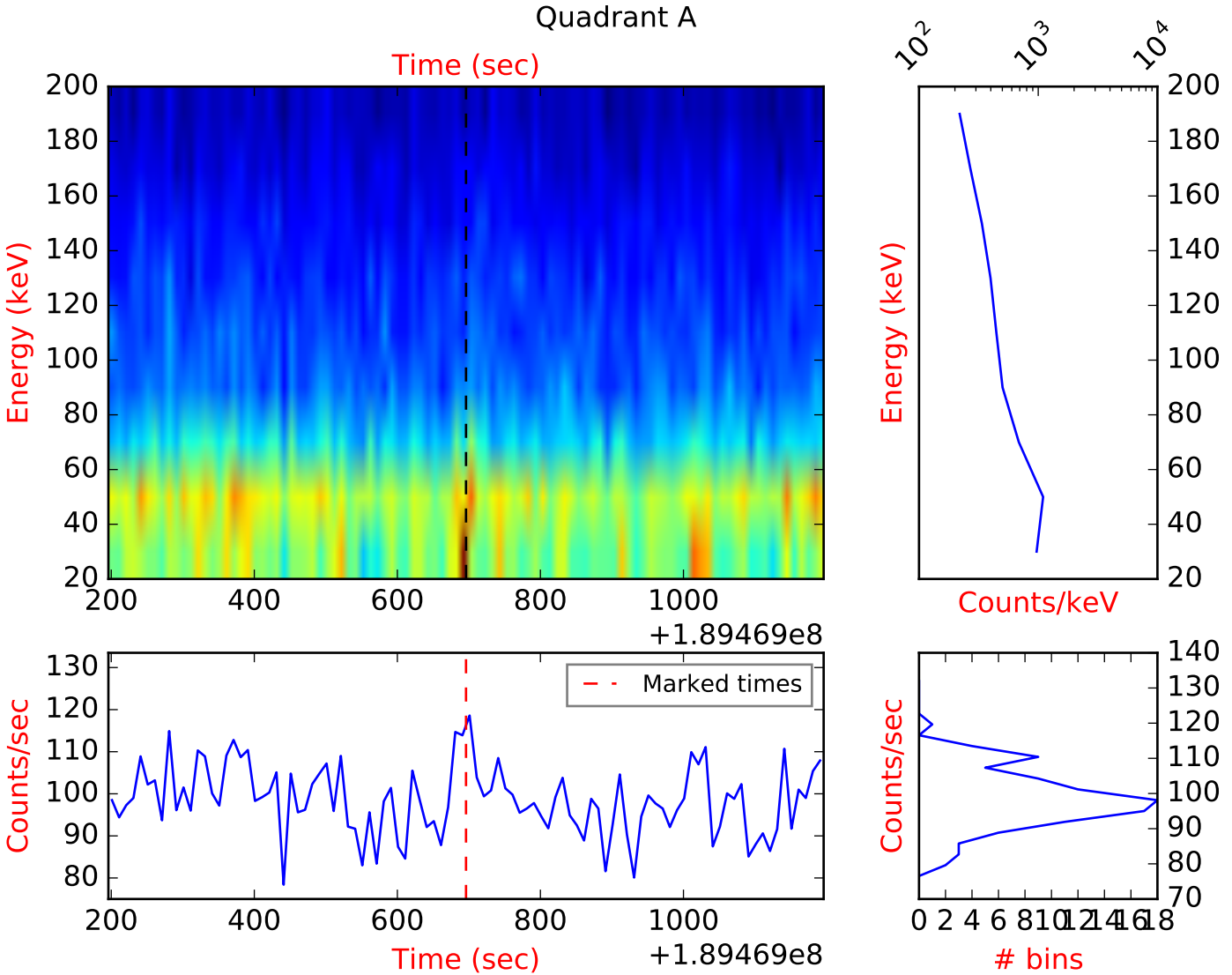
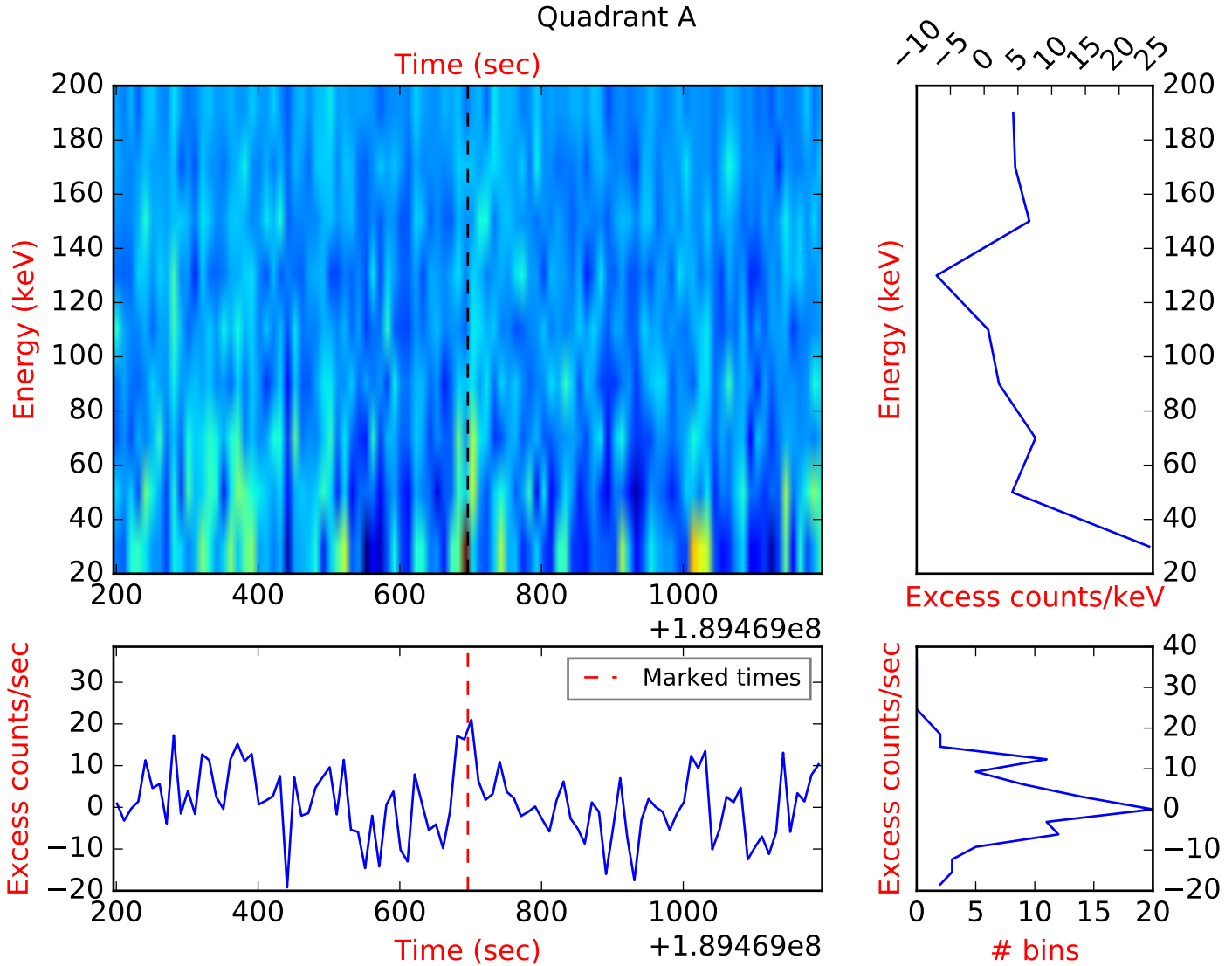
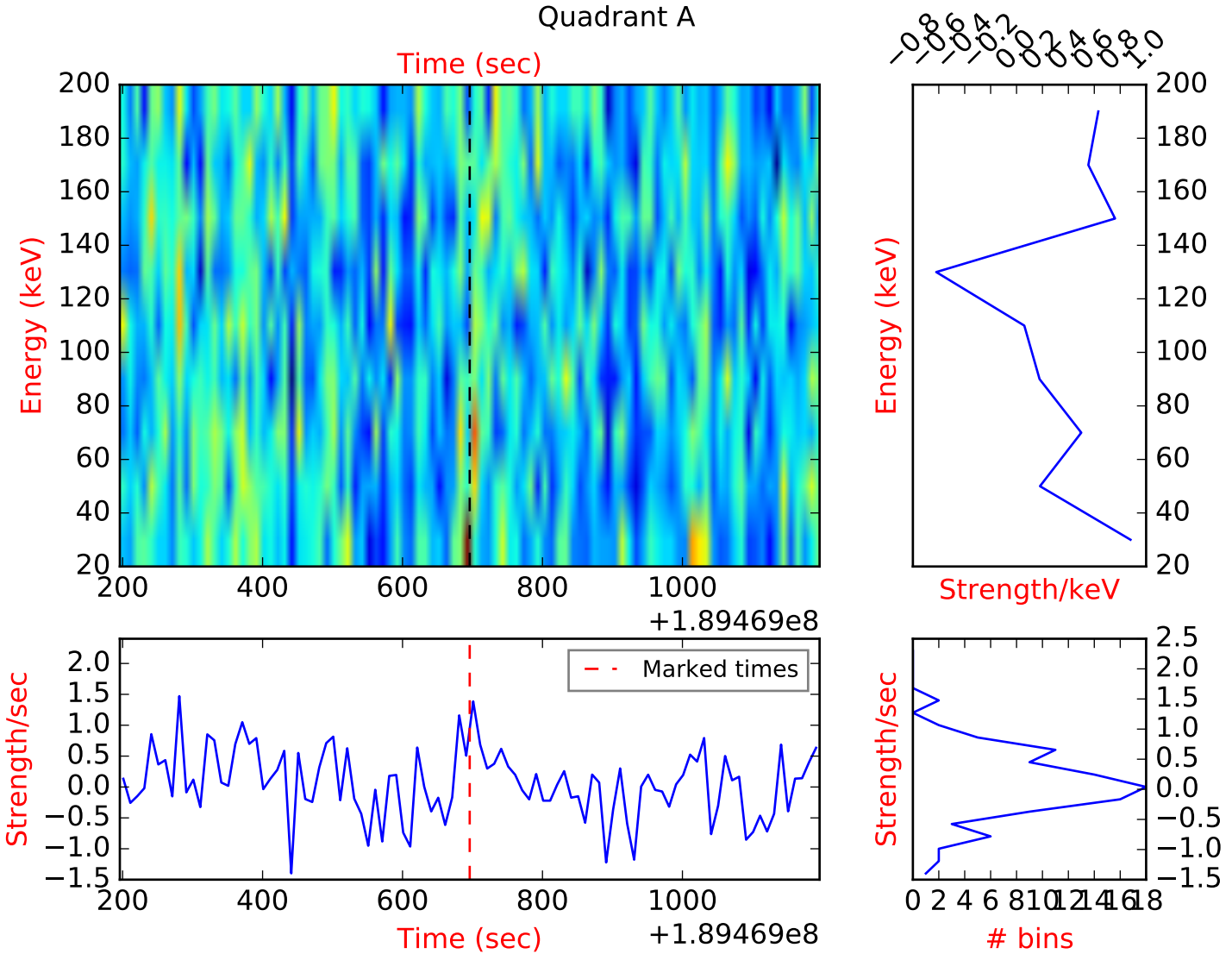
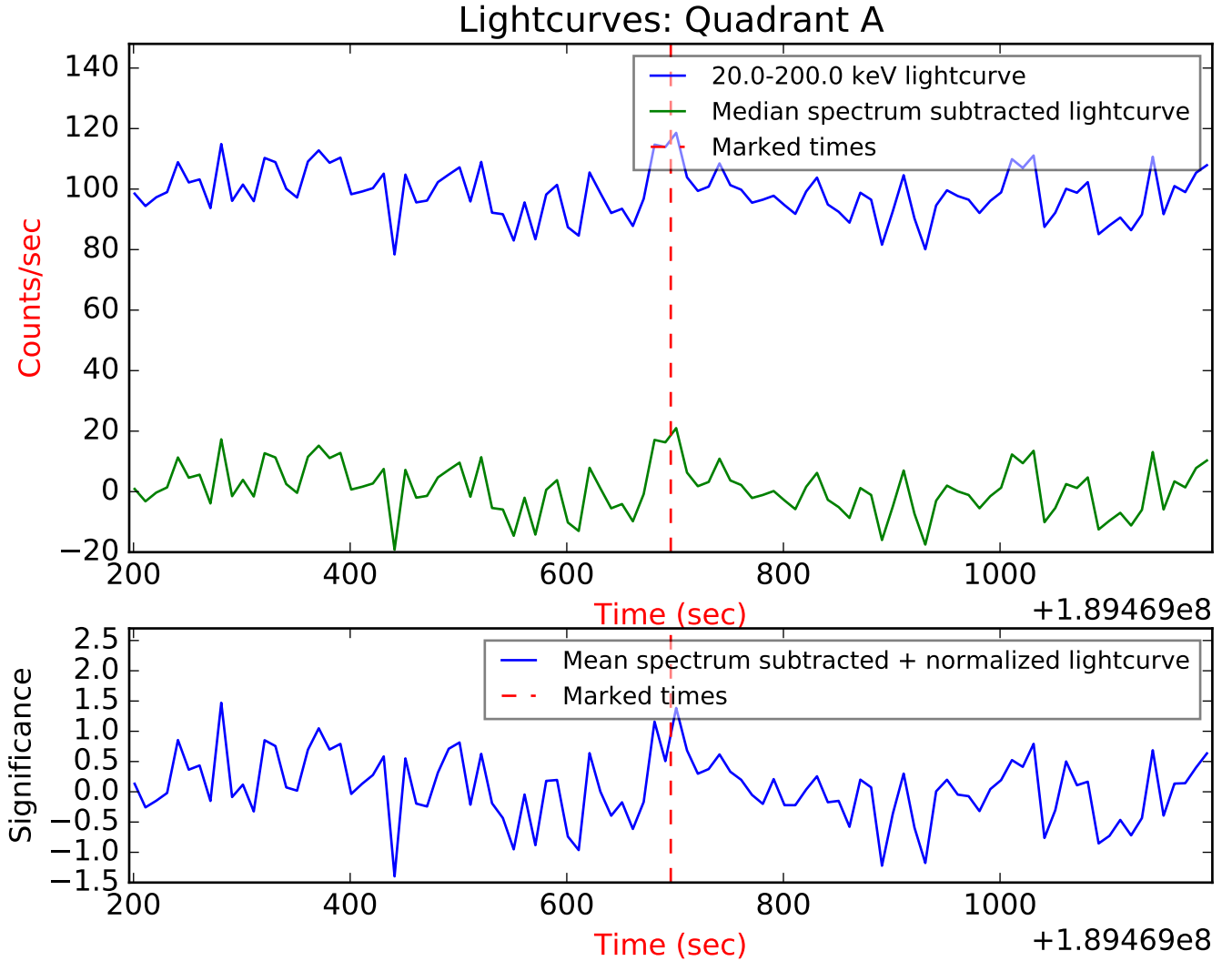
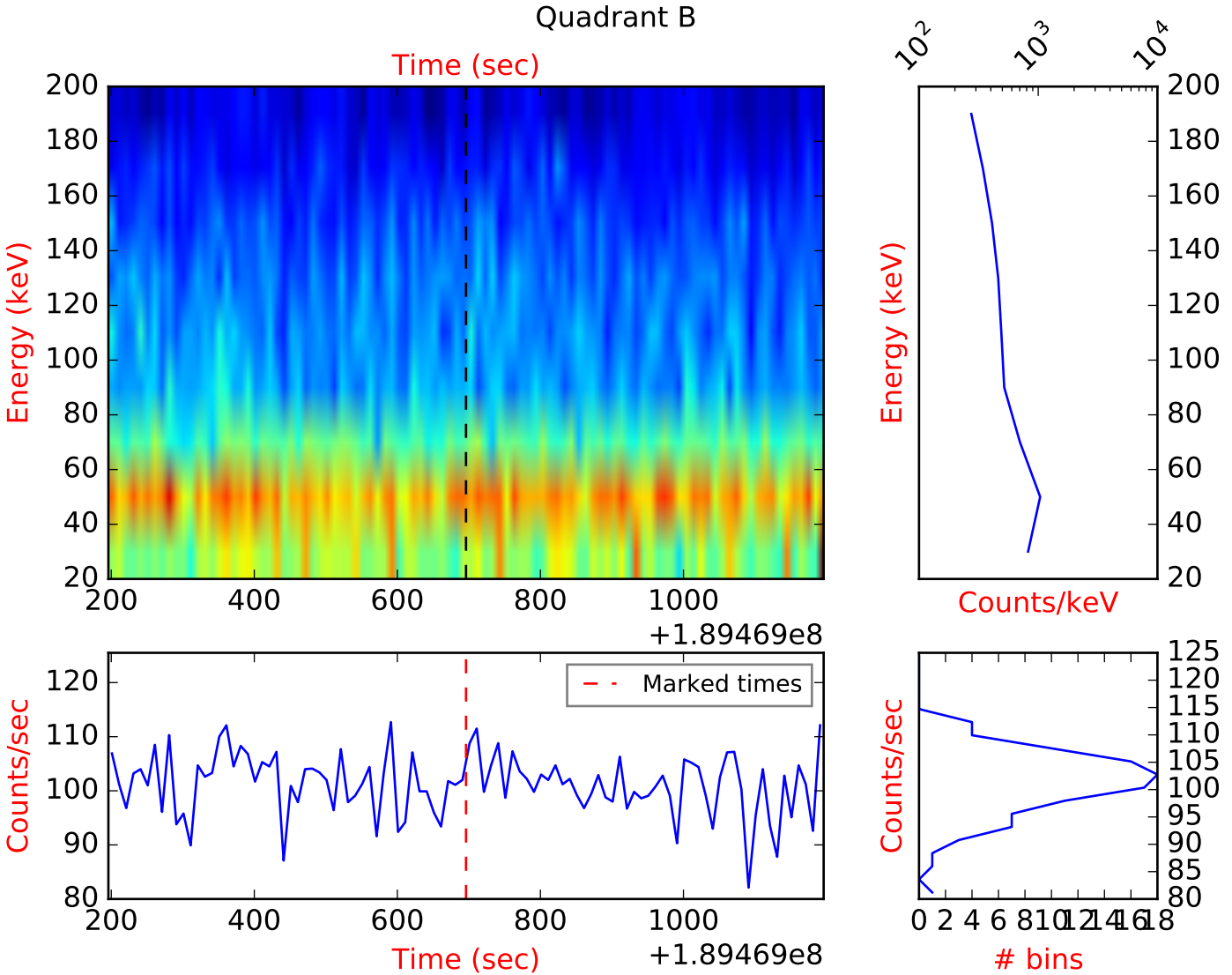
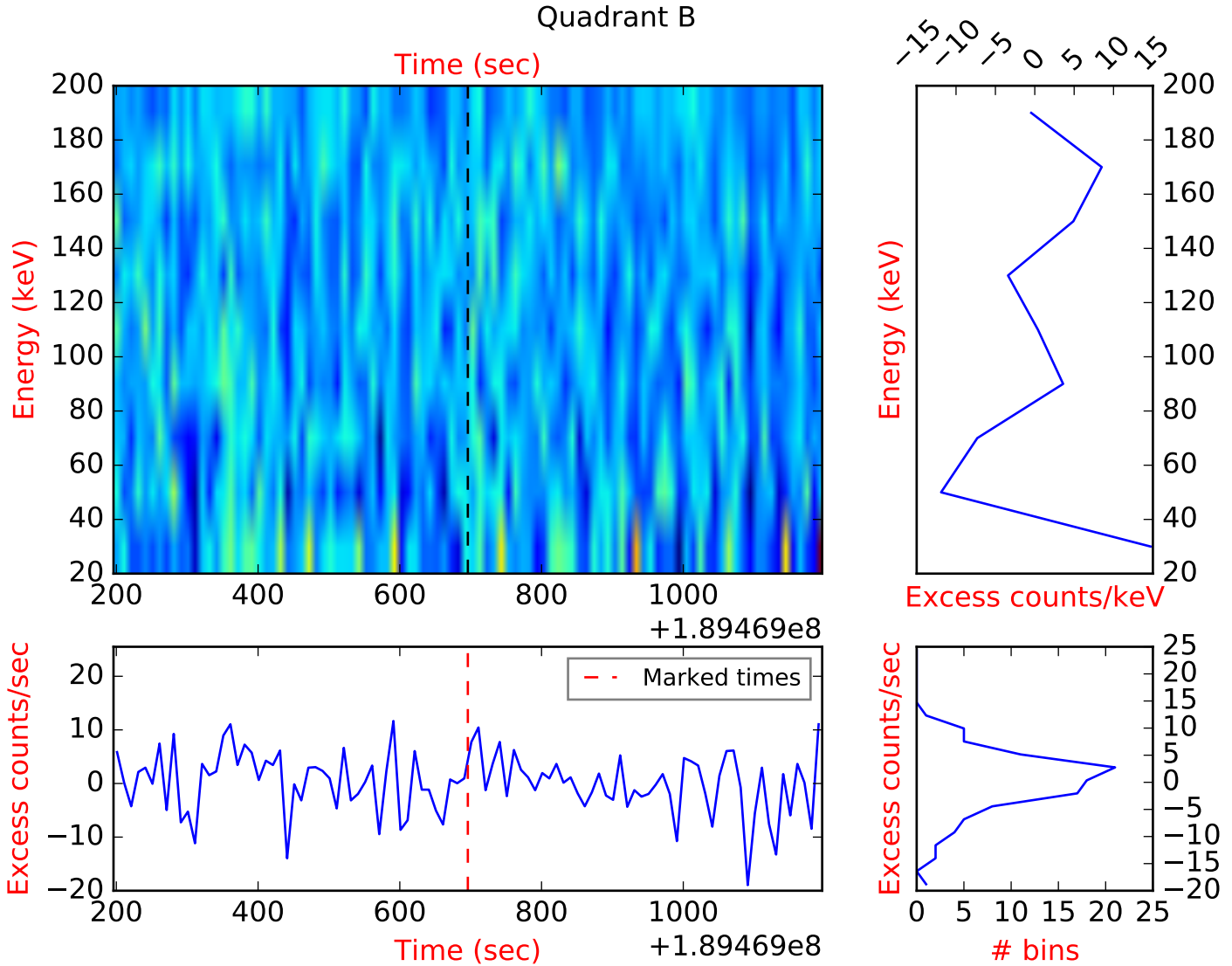

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
10^2
10^3
10^4
Counts/keV
Counts/sec
130
120
110
100
90
80
Marked times
Time (sec)
+1.89469e8
140
130
120
110
100
90
80
70
0 2 4 6 8 10 12 14 16 18
bins

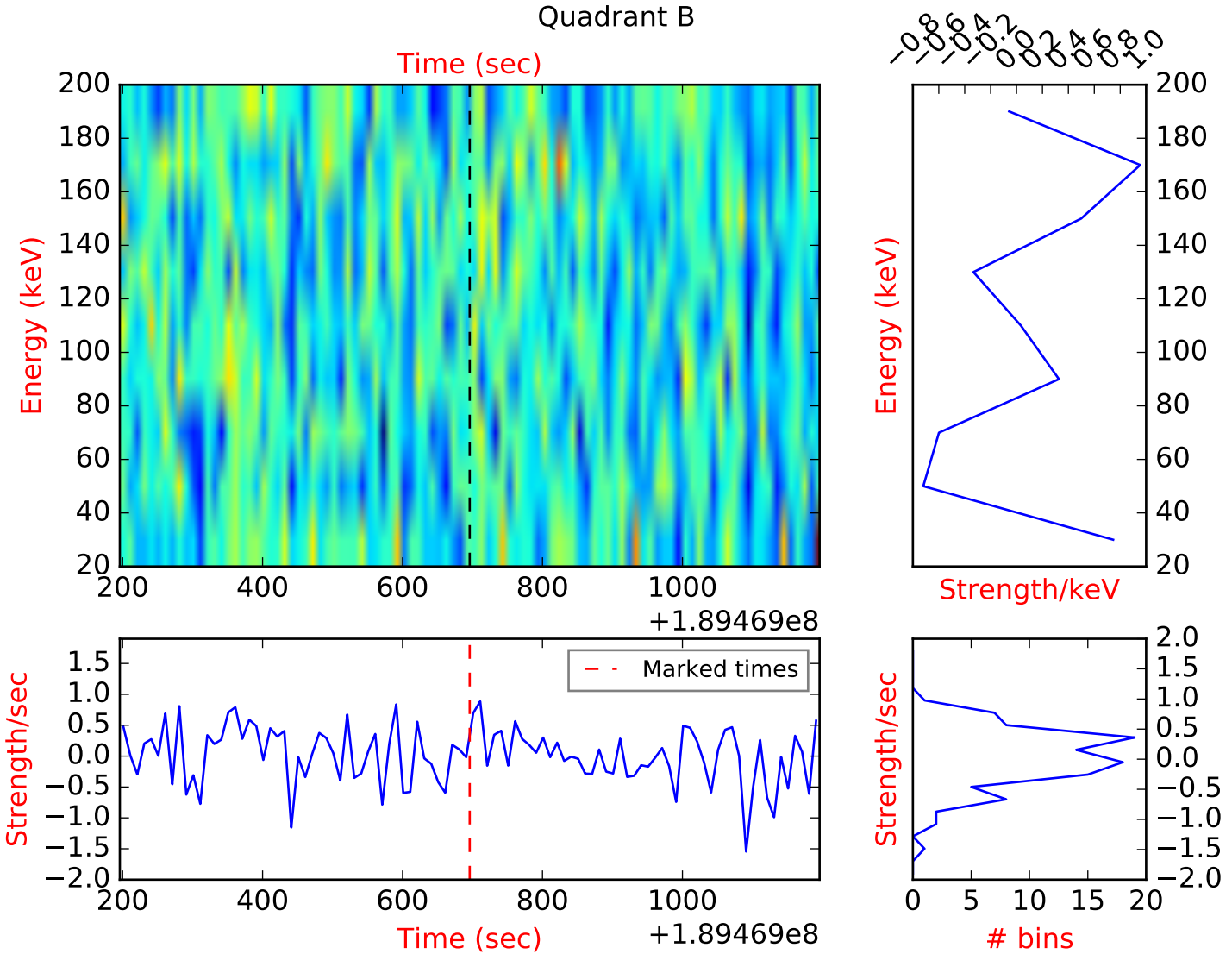

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
−10
−5
0
5
10
15
20
25
Excess counts/keV
Excess counts/sec
30
20
10
0
−10
−20
Marked times
Time (sec)
+1.89469e8
bins

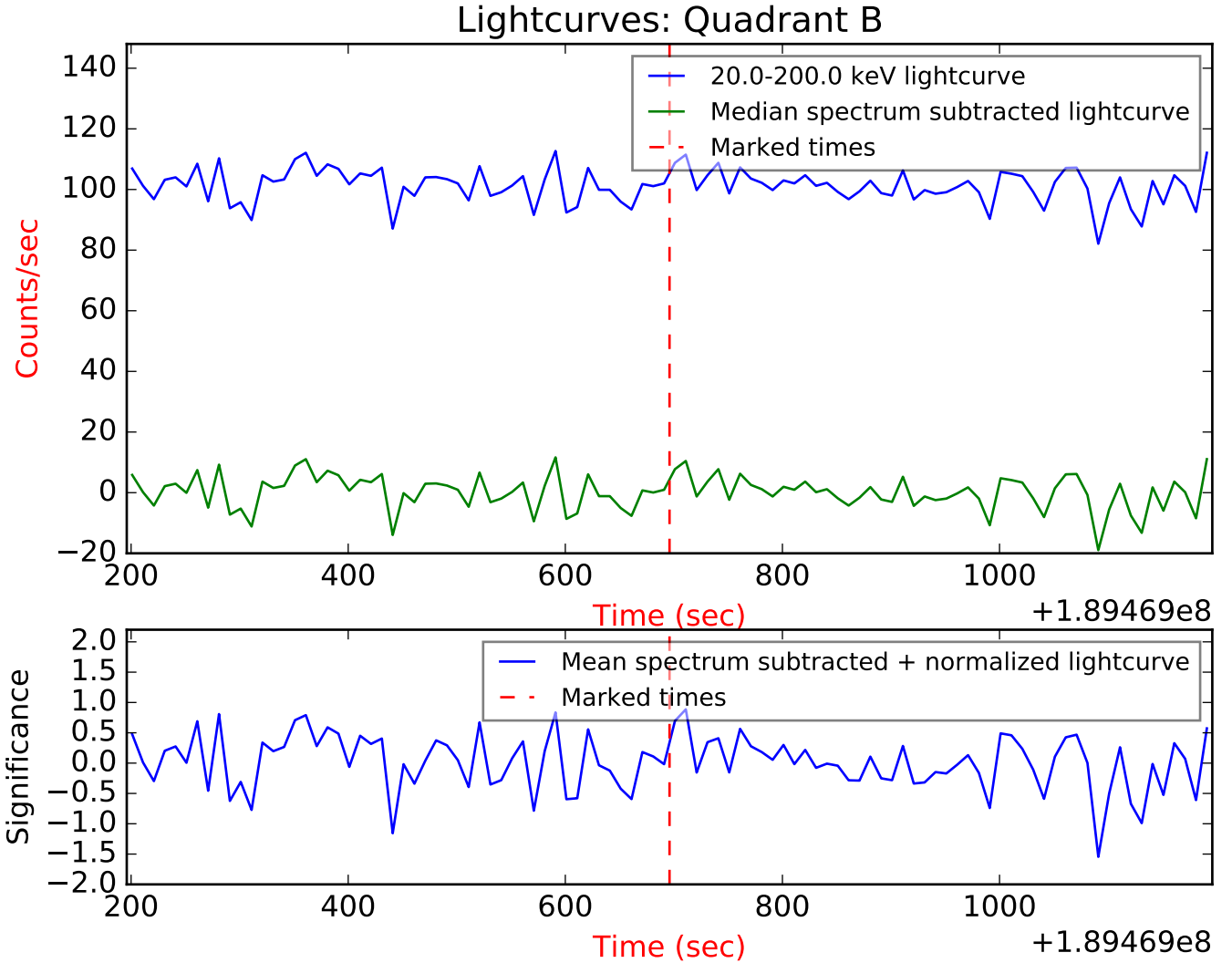

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
Strength/keV
Strength/sec
Marked times
Time (sec)
bins

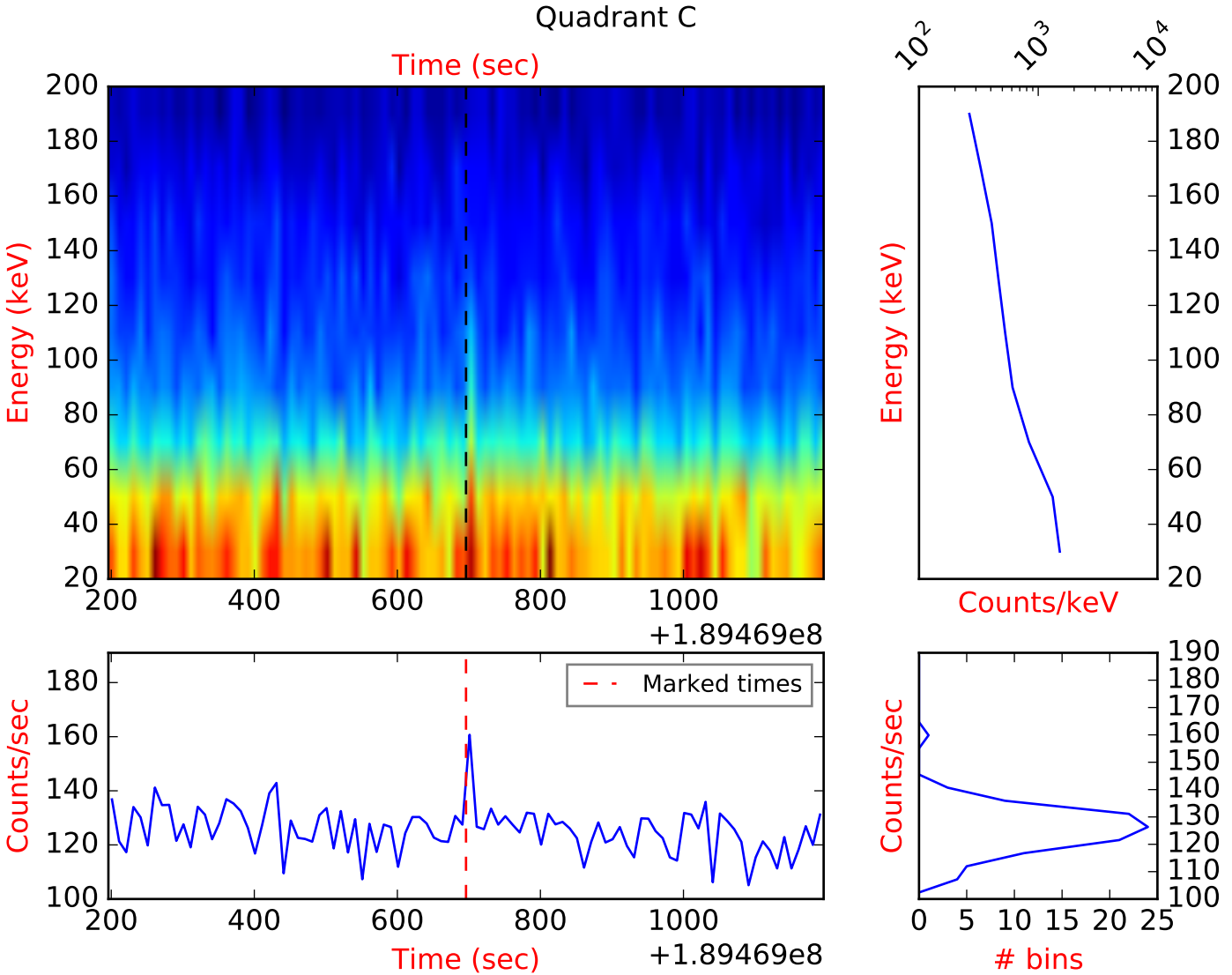

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
140
120
100
80
60
40
20
0
−20
200
400
600
800
1000
Time (sec)
+1.89469e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
200
400
600
800
1000
Time (sec)
+1.89469e8

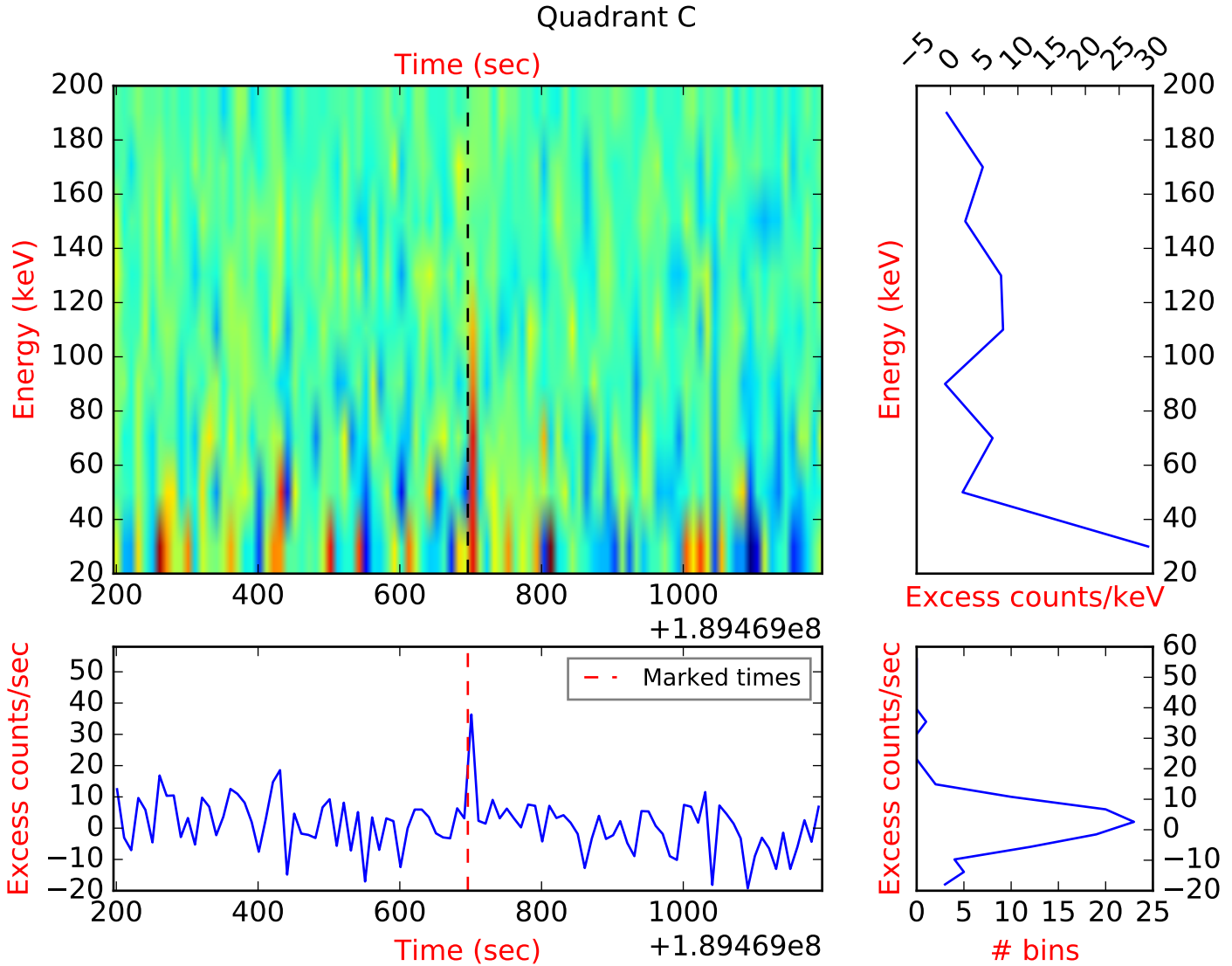

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
120
110
100
90
80
Time (sec)
125
120
115
110
105
100
95
90
85
80
0 2 4 6 8 10 12 14 16 18
bins

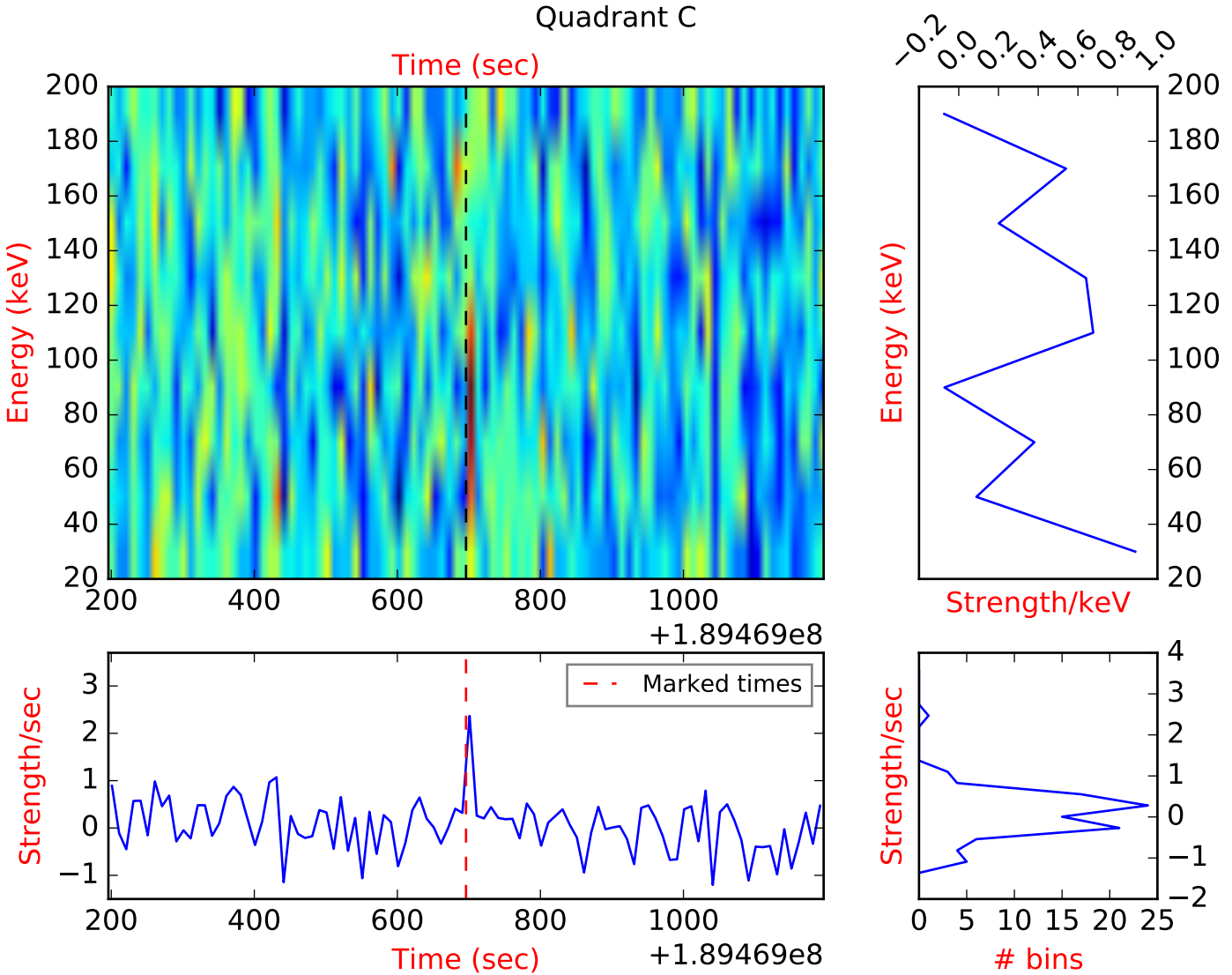

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
−15
−10
−5
0
5
10
15
Excess counts/keV
Excess counts/sec
Marked times
25
20
15
10
5
0
−5
−10
−15
−20
bins

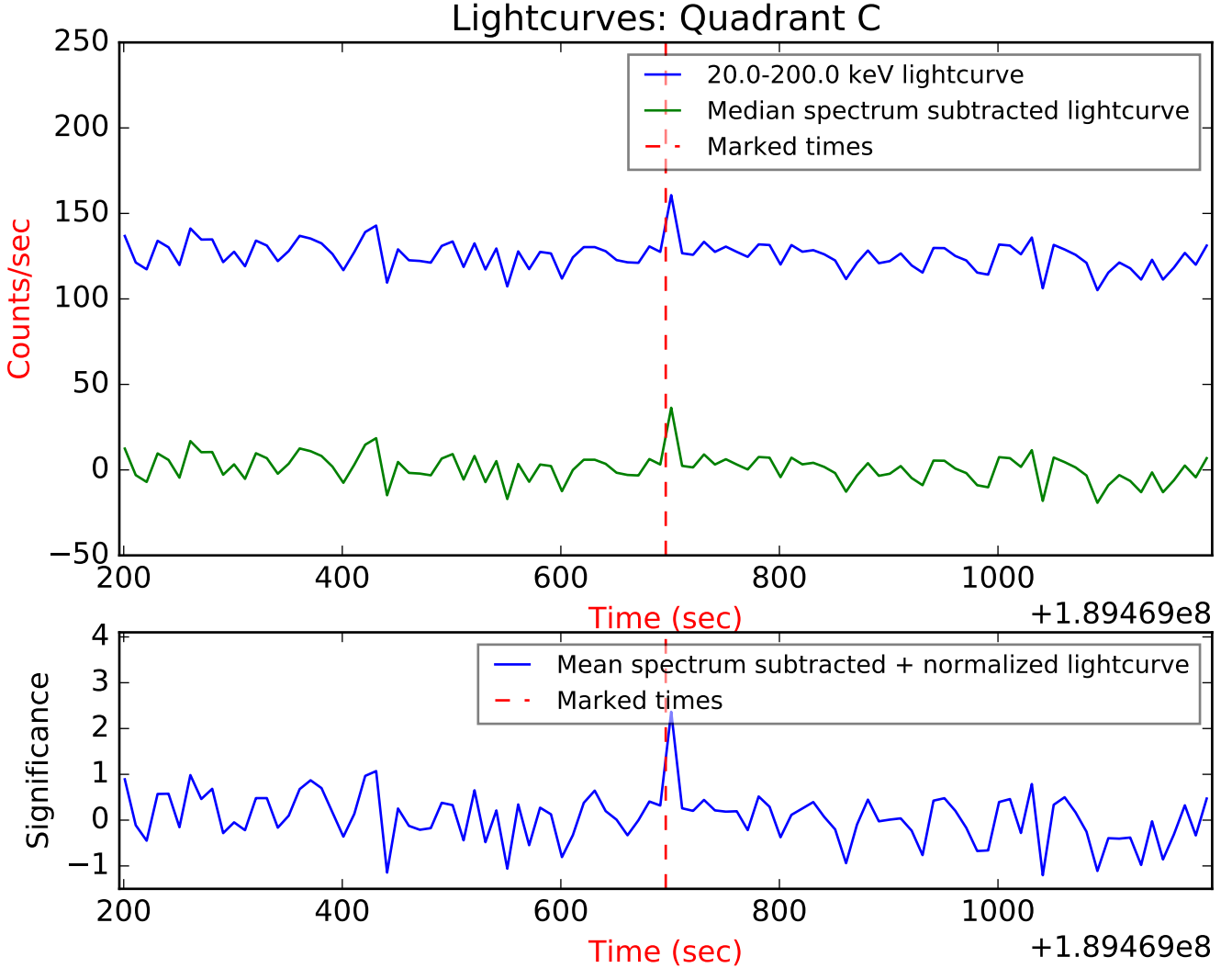

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
Strength/keV
Strength/sec
Marked times
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
Time (sec)
+1.89469e8
bins
0
5
10
15
20

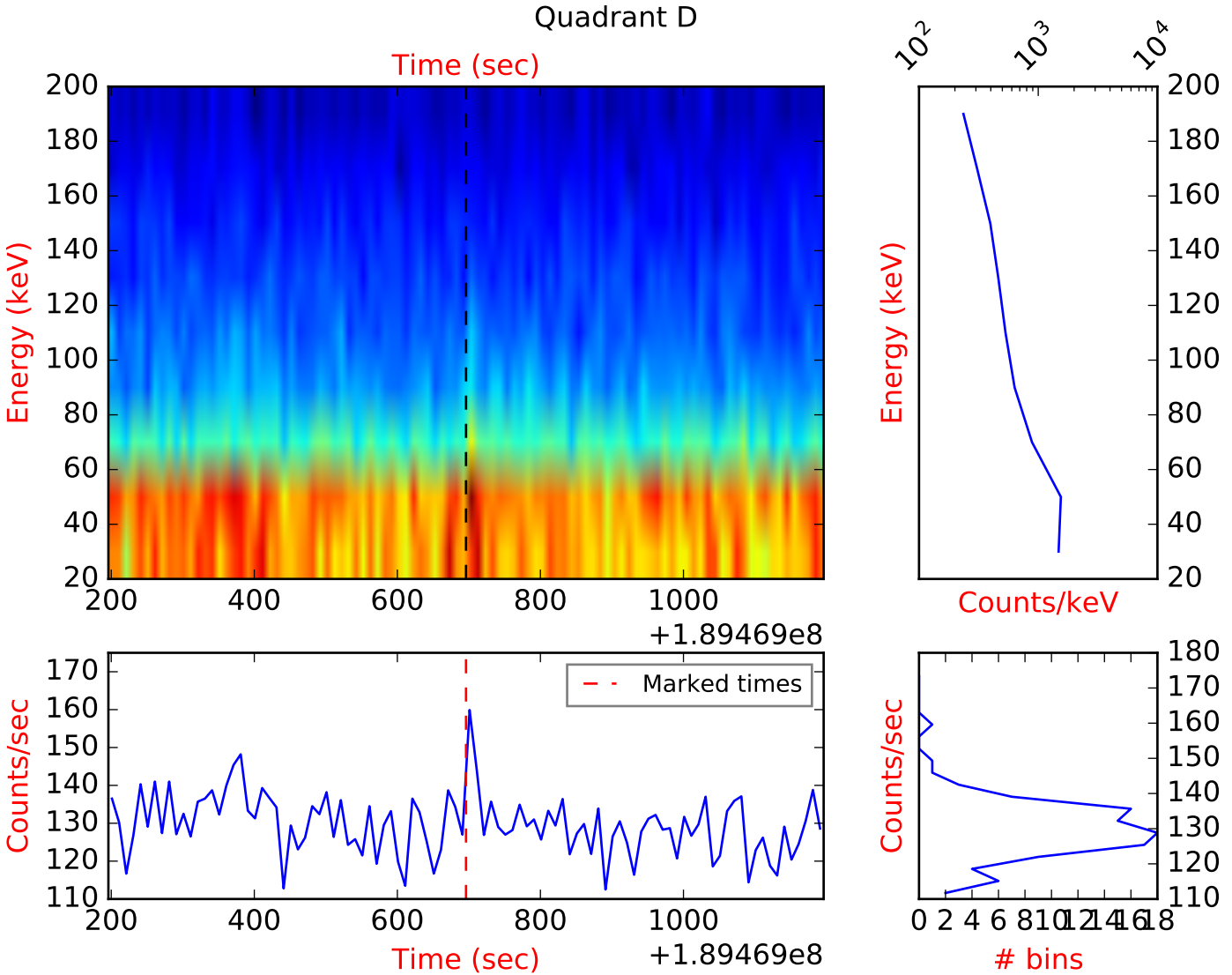

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
140
120
100
80
60
40
20
0
−20
200
400
600
800
1000
Time (sec)
+1.89469e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
200
400
600
800
1000
Time (sec)
+1.89469e8

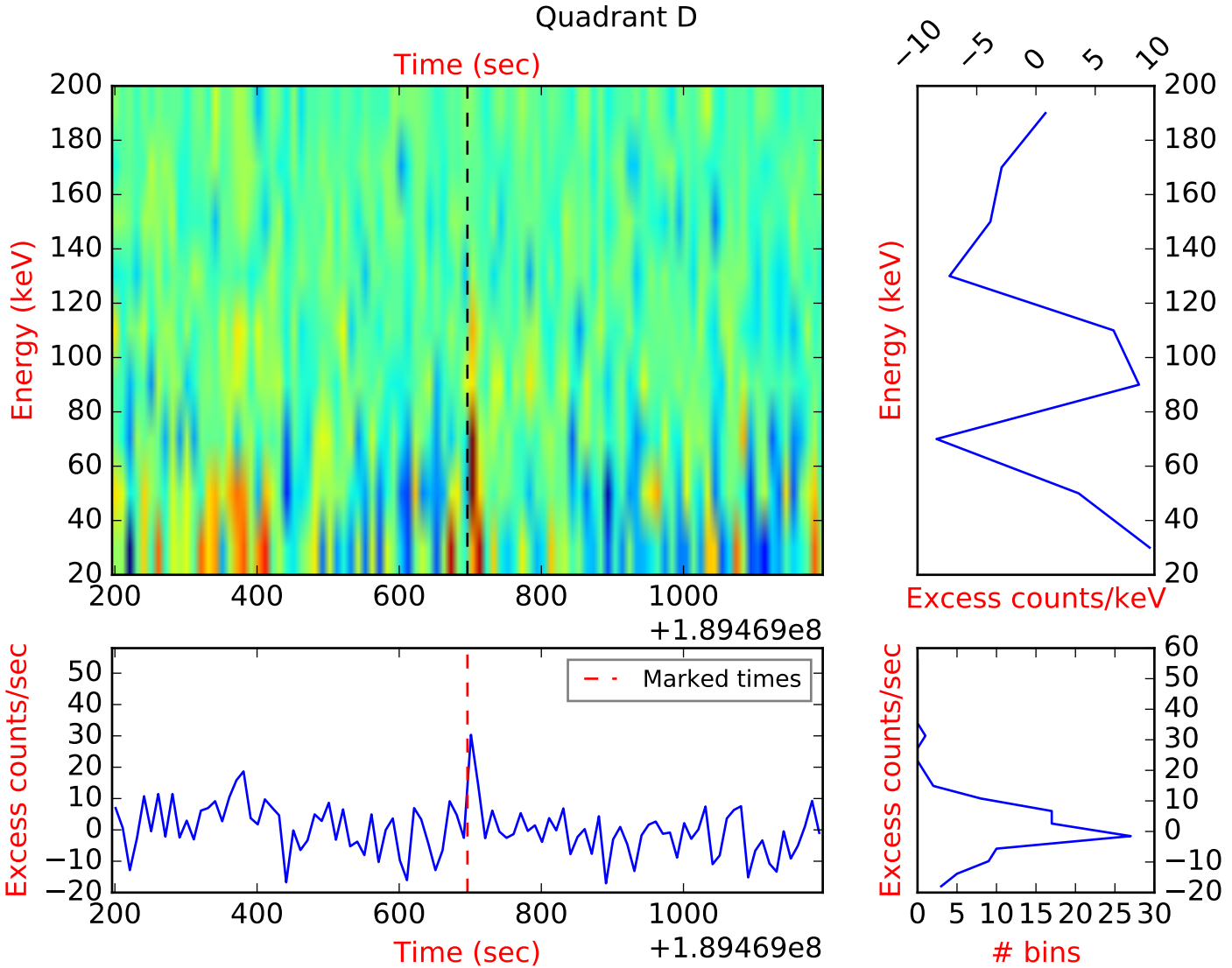

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
Time (sec)
190
170
150
130
110
0
5
10
15
20
25
bins

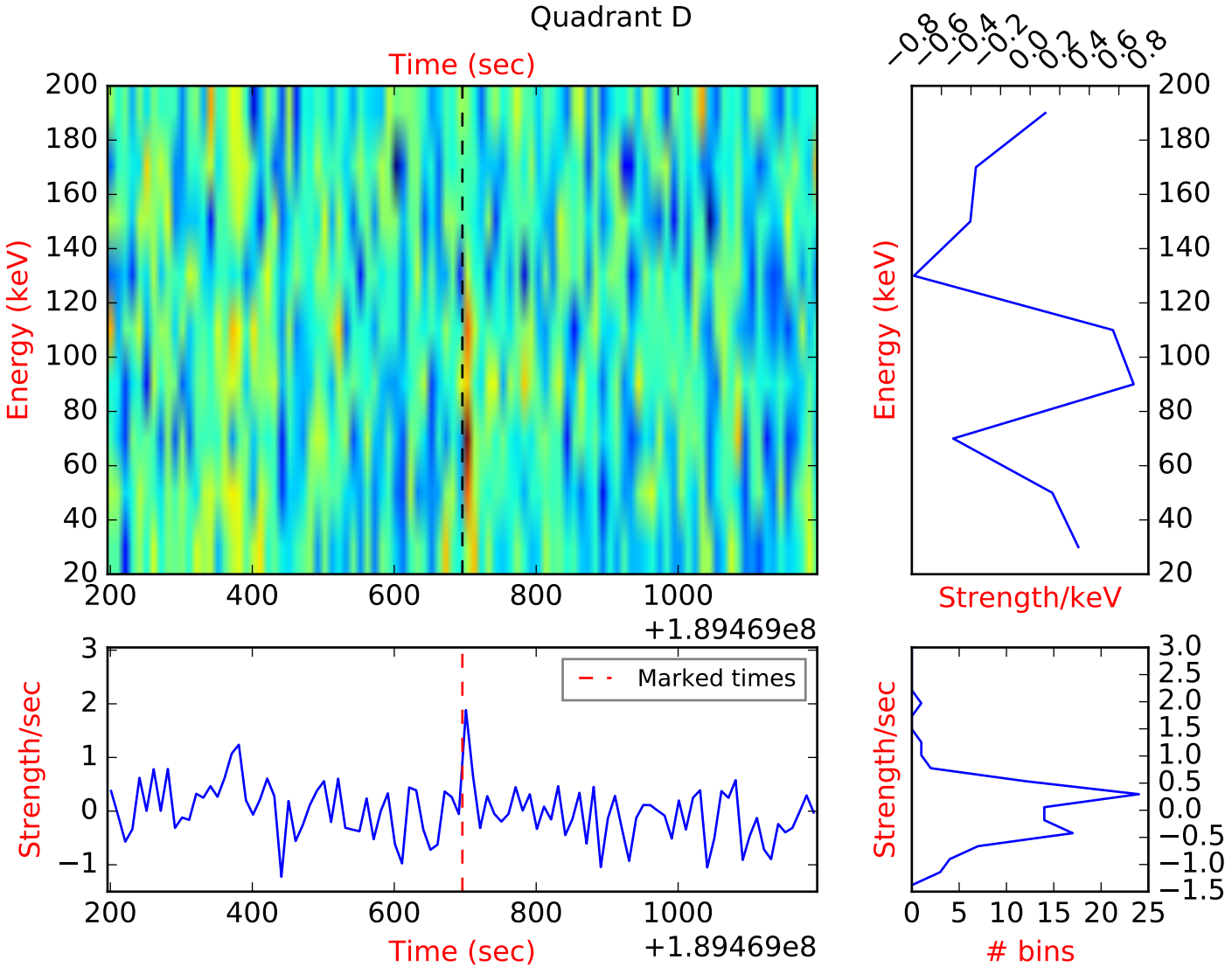

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
−5
0
5
10
15
20
25
30
Excess counts/keV
Excess counts/sec
50
40
30
20
10
0
−10
−20
Marked times
Time (sec)
60
bins
0
5
10
15
20
25

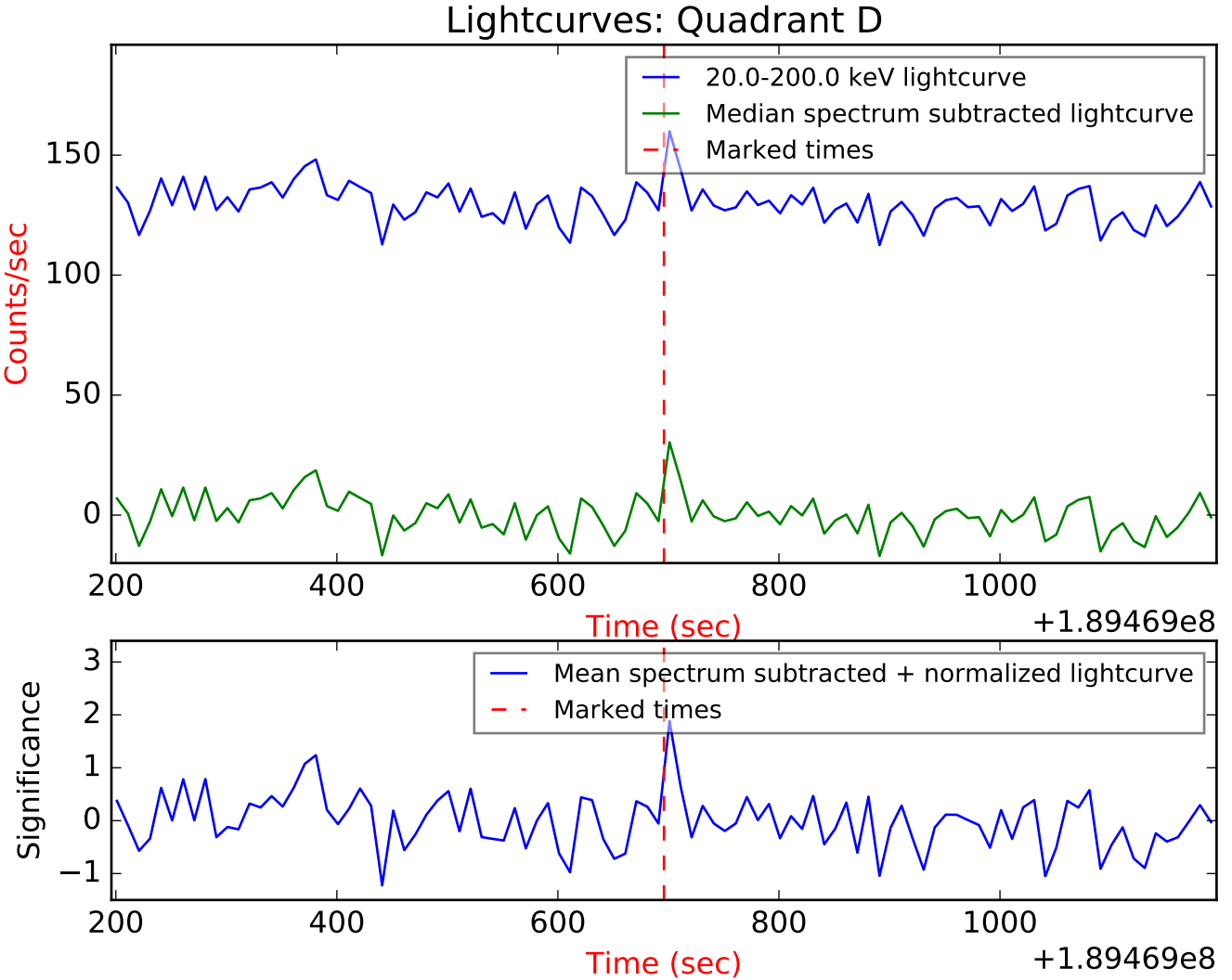

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
Strength/keV
Strength/sec
Marked times
3
2
1
0
−1
Time (sec)
bins
0
5
10
15
20
25
4
−2

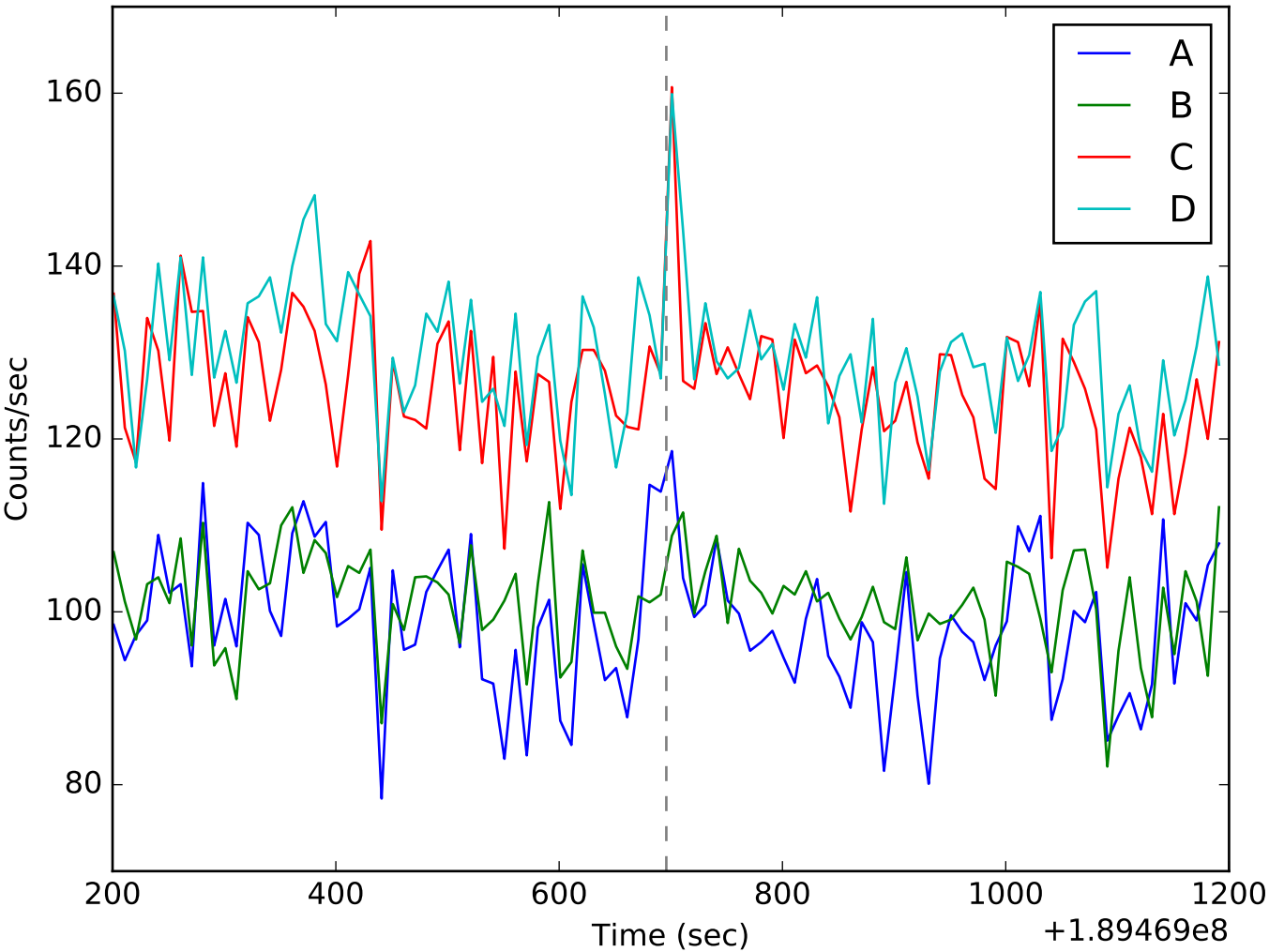

Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
Time (sec)
+1.89469e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
Time (sec)
+1.89469e8


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
10^2
10^3
10^4
Counts/keV
Counts/sec
Marked times
110
120
130
140
150
160
170
0 2 4 6 8 10 12 14 16 18
bins


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
−10
−5
0
5
10
Excess counts/keV
Excess counts/sec
Marked times
50
40
30
20
10
0
−10
−20
60
bins
0
5
10
15
20
25
30


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
400
600
800
1000
+1.89469e8
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
Strength/keV
Strength/sec
3
2
1
0
−1
Marked times
Time (sec)
+1.89469e8
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 D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
200
400
600
800
1000
Time (sec)
+1.89469e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
3
2
1
0
−1
200
400
600
800
1000
Time (sec)
+1.89469e8


A
B
C
D
160
140
120
100
80
Counts/sec
200
400
600
800
1000
1200
Time (sec)
+1.89469e8