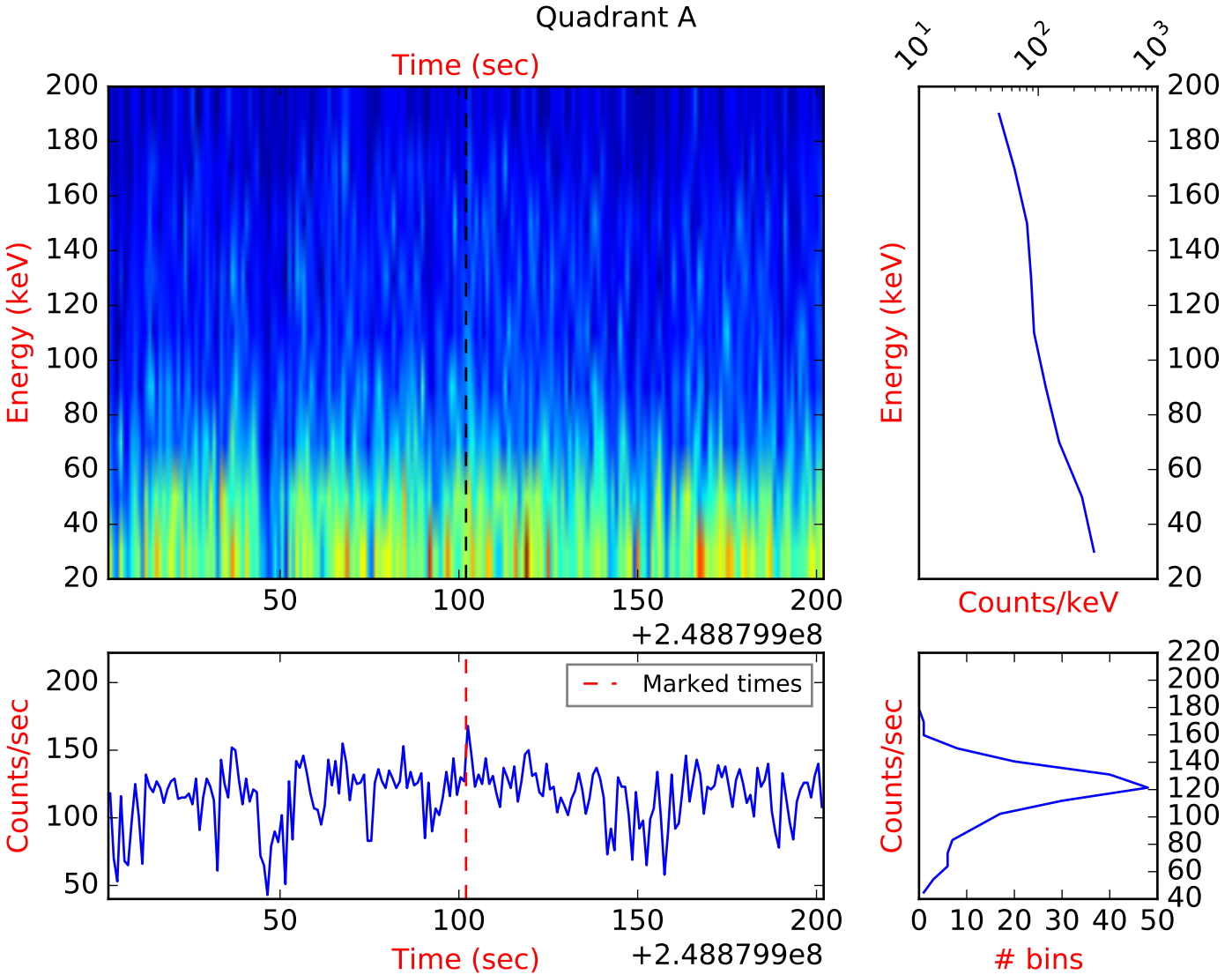
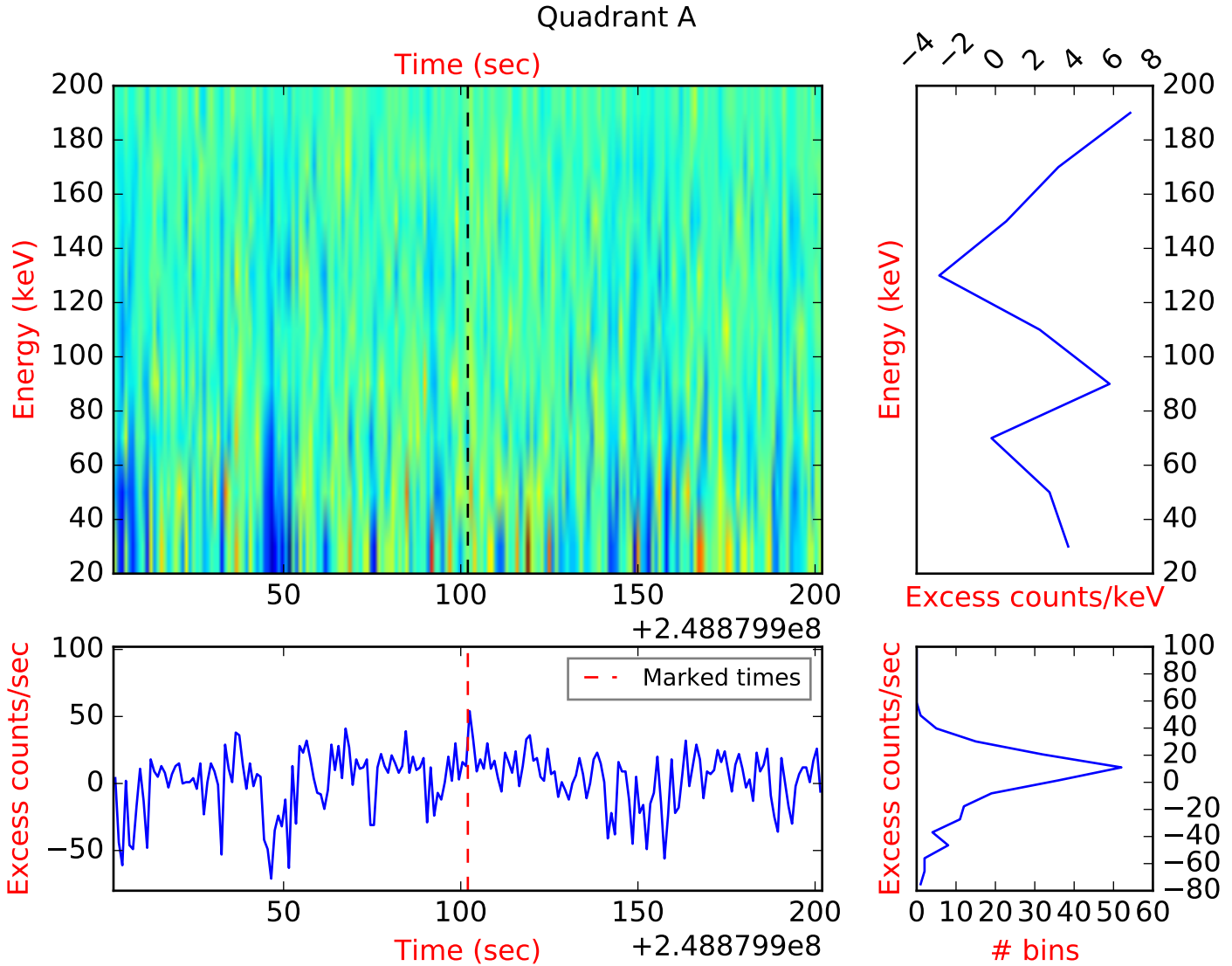
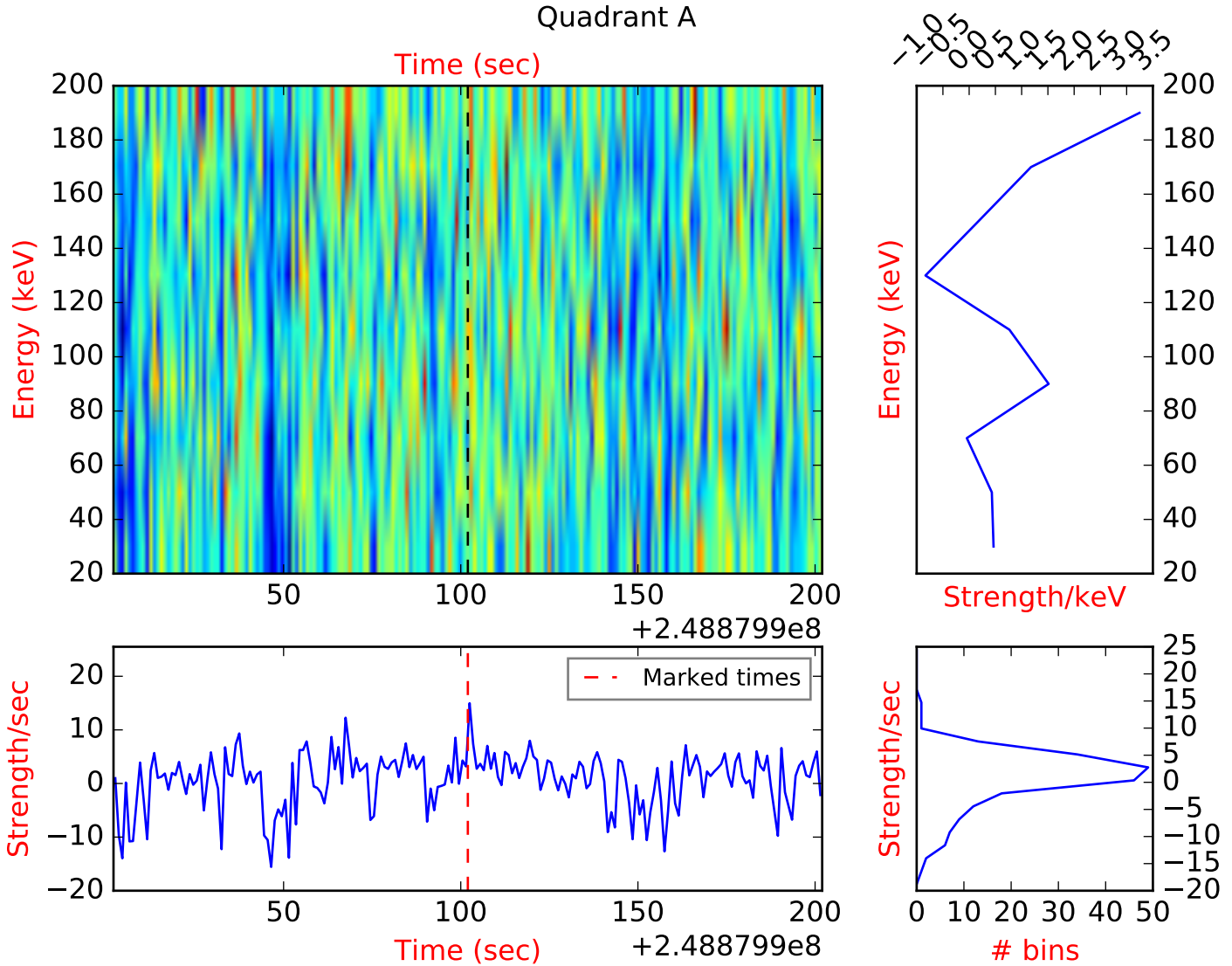
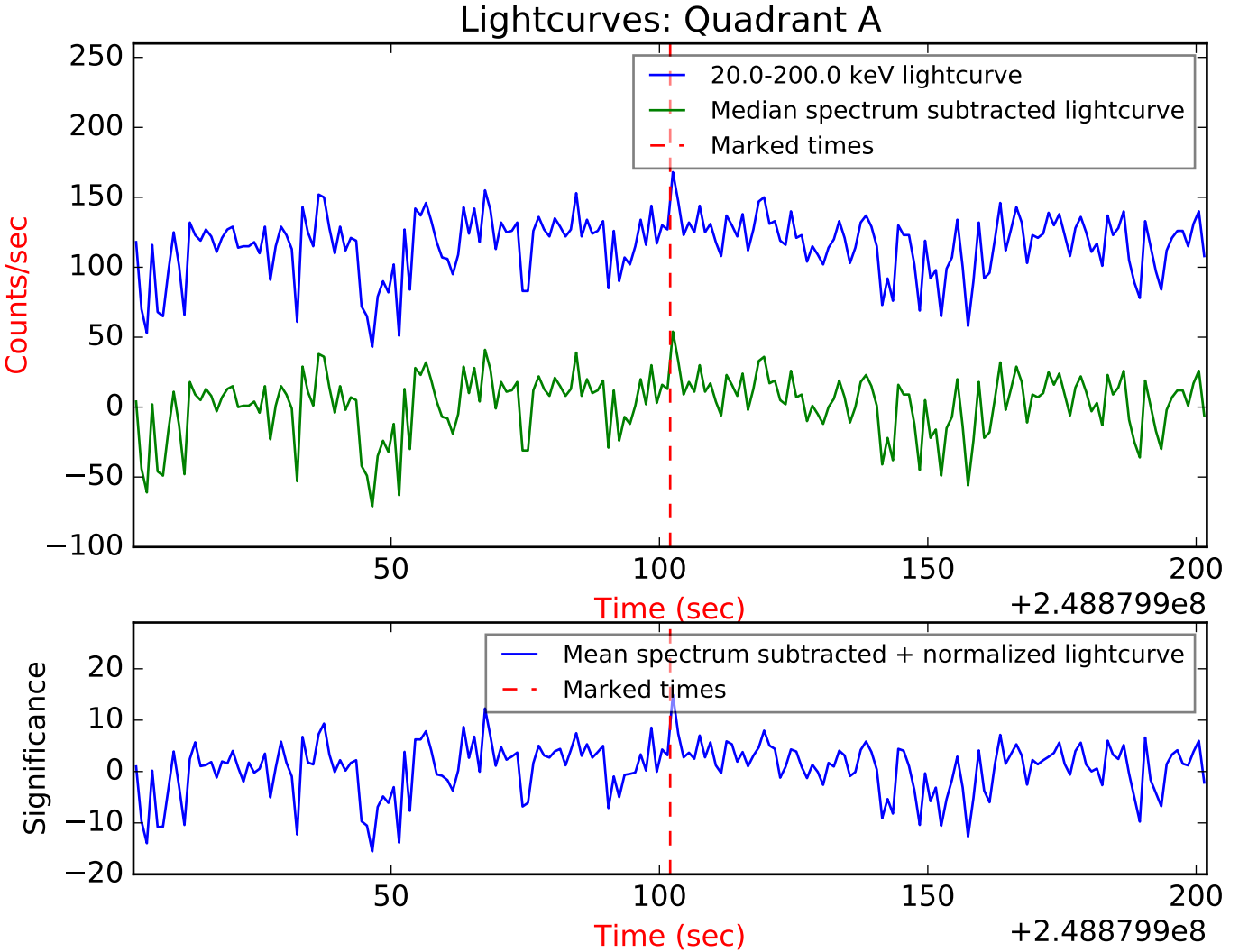
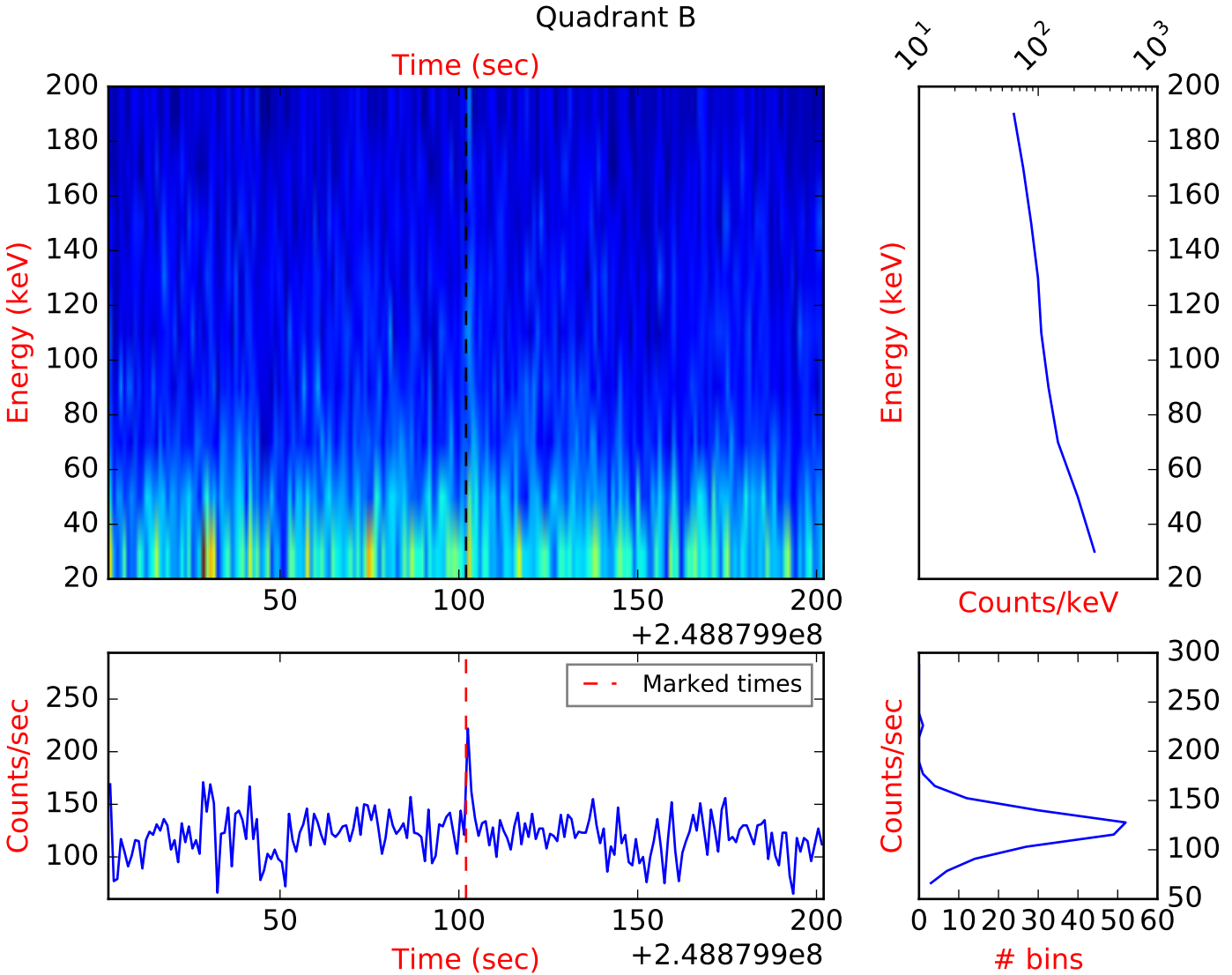
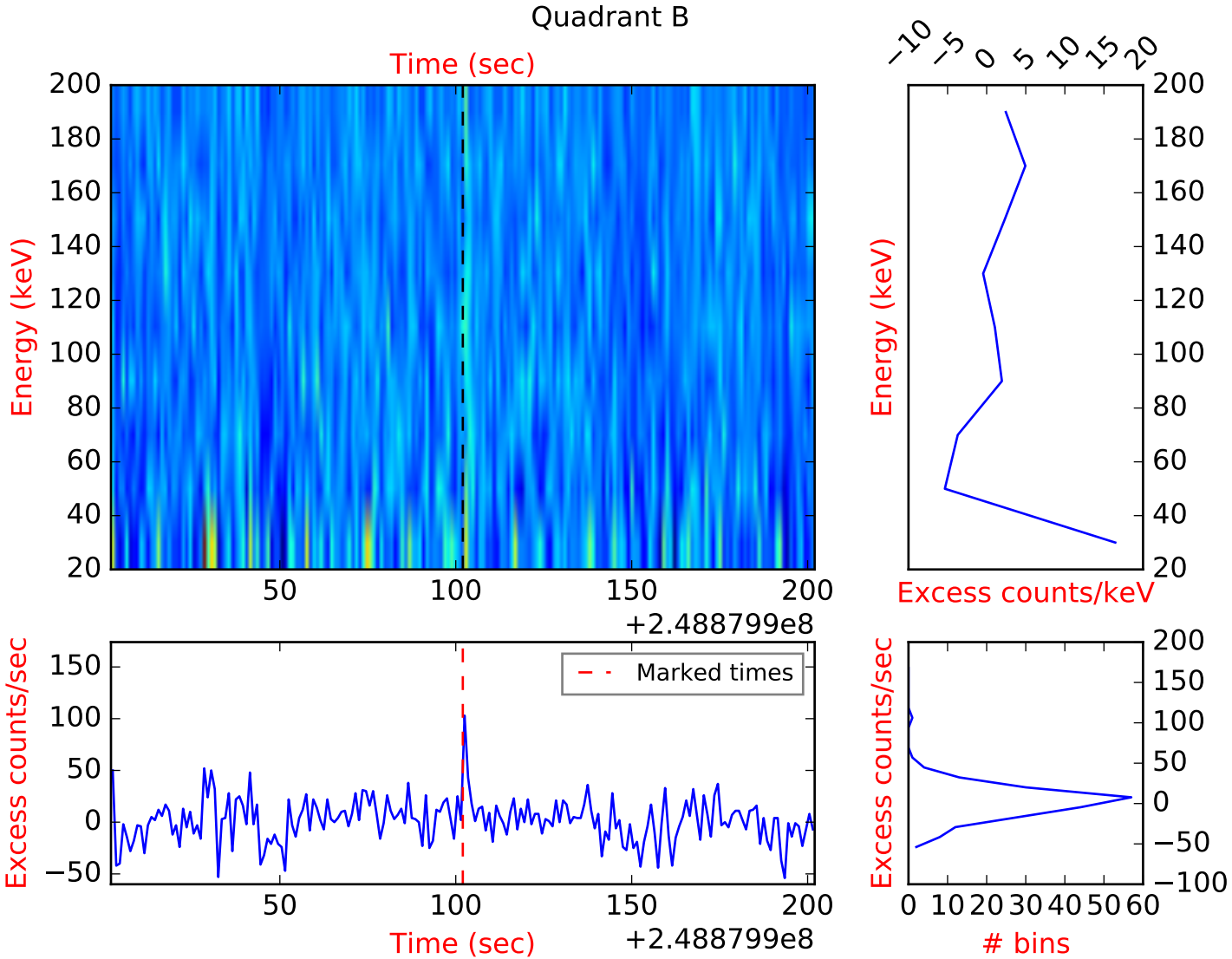

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
10^1
10^2
10^3
Counts/keV
Marked times
Counts/sec
Time (sec)
+2.488799e8
bins
0 10 20 30 40 50

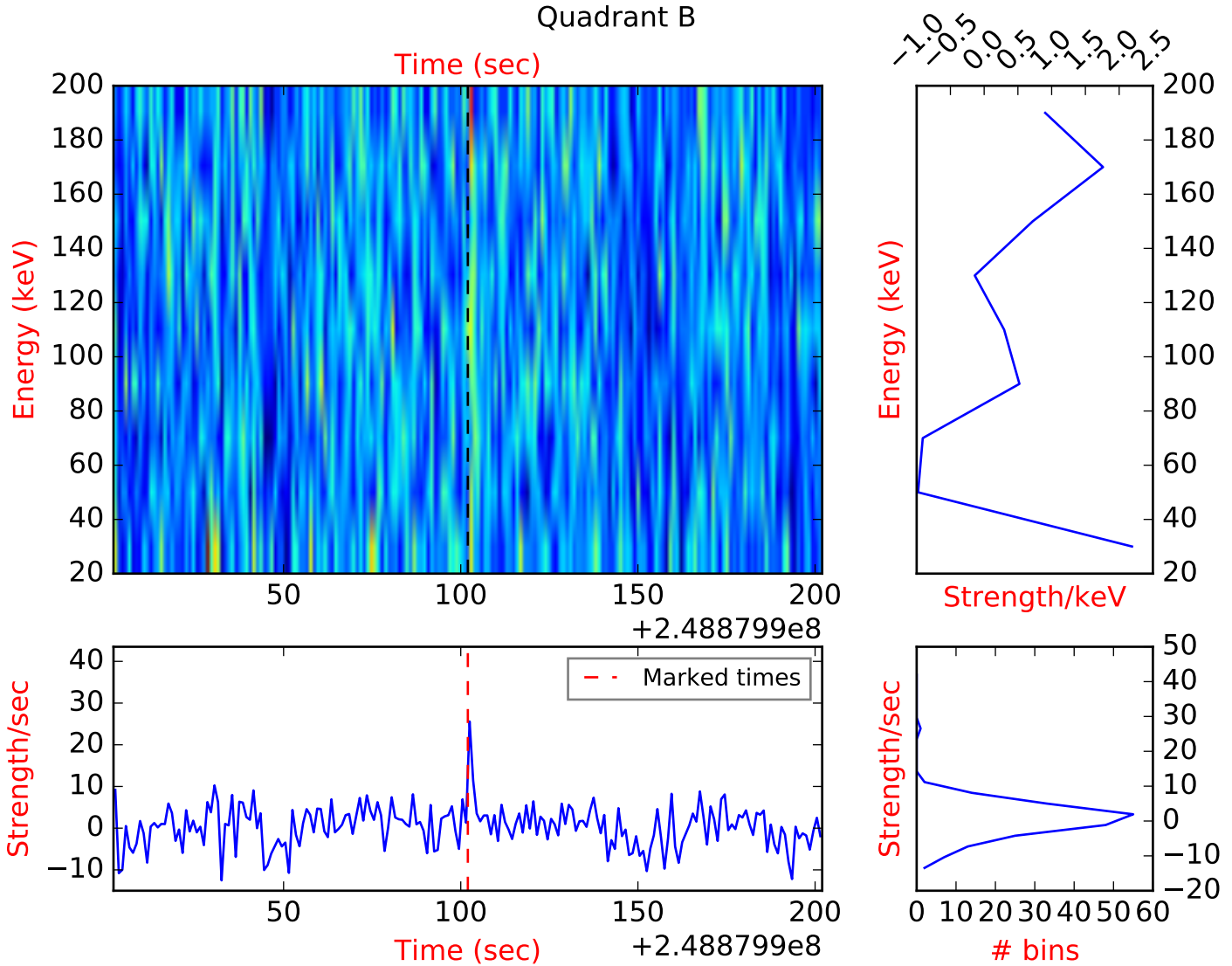

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
−4
−2
0
2
4
6
8
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
+2.488799e8
bins
0
10
20
30
40
50
60

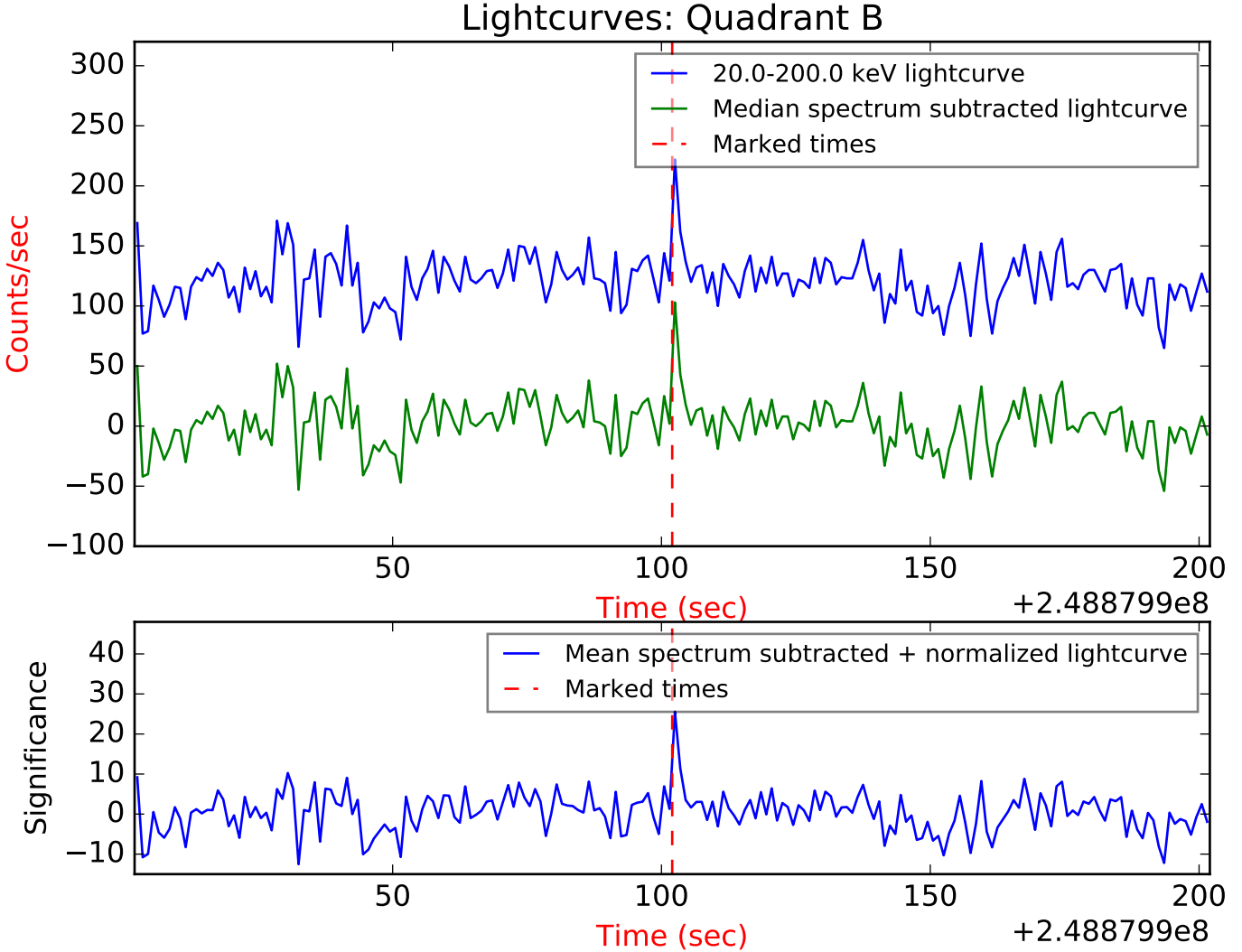

Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
−1.5
−0.5
0.5
1.5
2.5
3.5
Strength/keV
Strength/sec
Marked times
25
20
15
10
5
0
−5
−10
−15
−20
0 10 20 30 40 50
bins

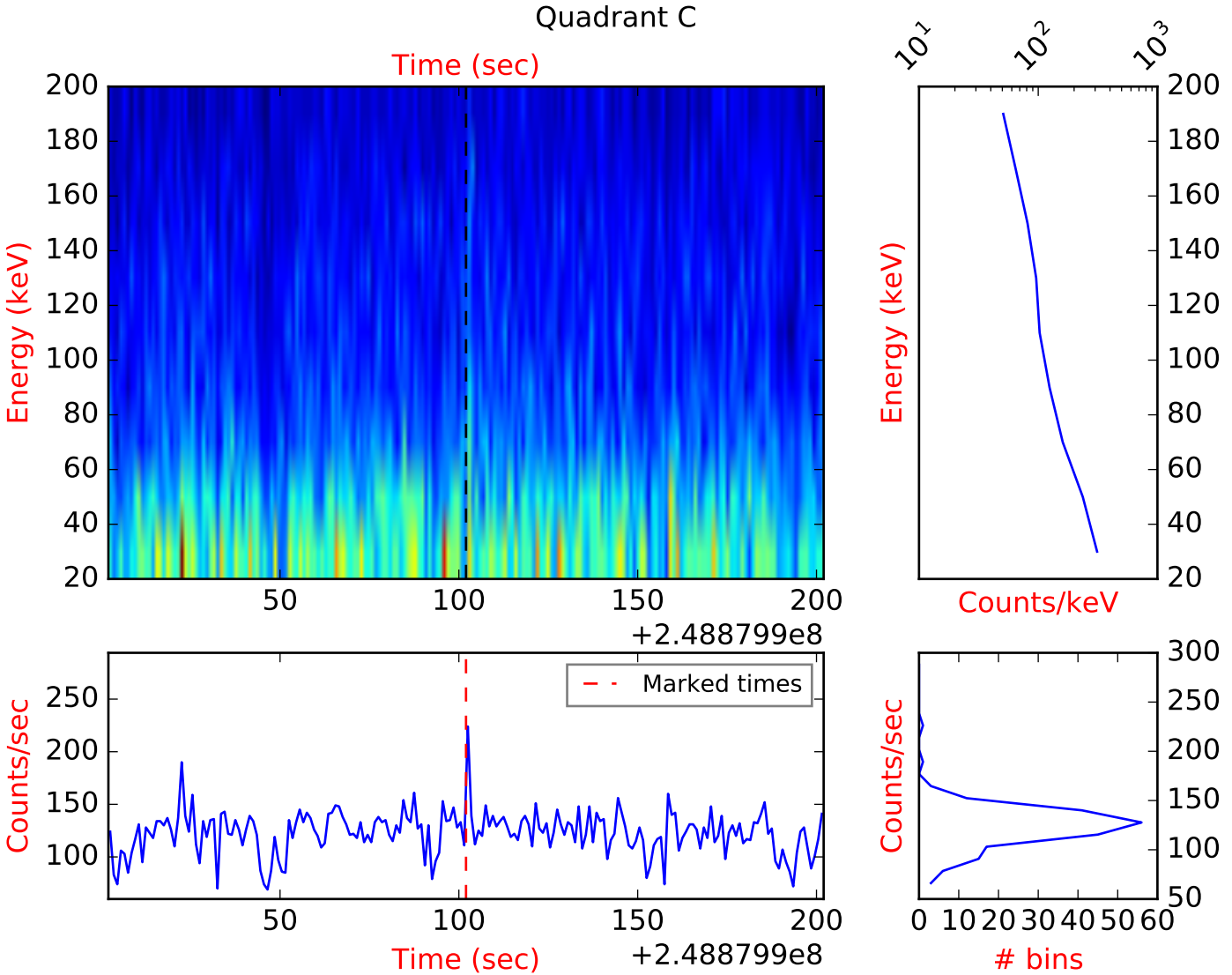

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
−100
50
100
150
200
Time (sec)
+2.488799e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
10
0
−10
−20
50
100
150
200
Time (sec)
+2.488799e8

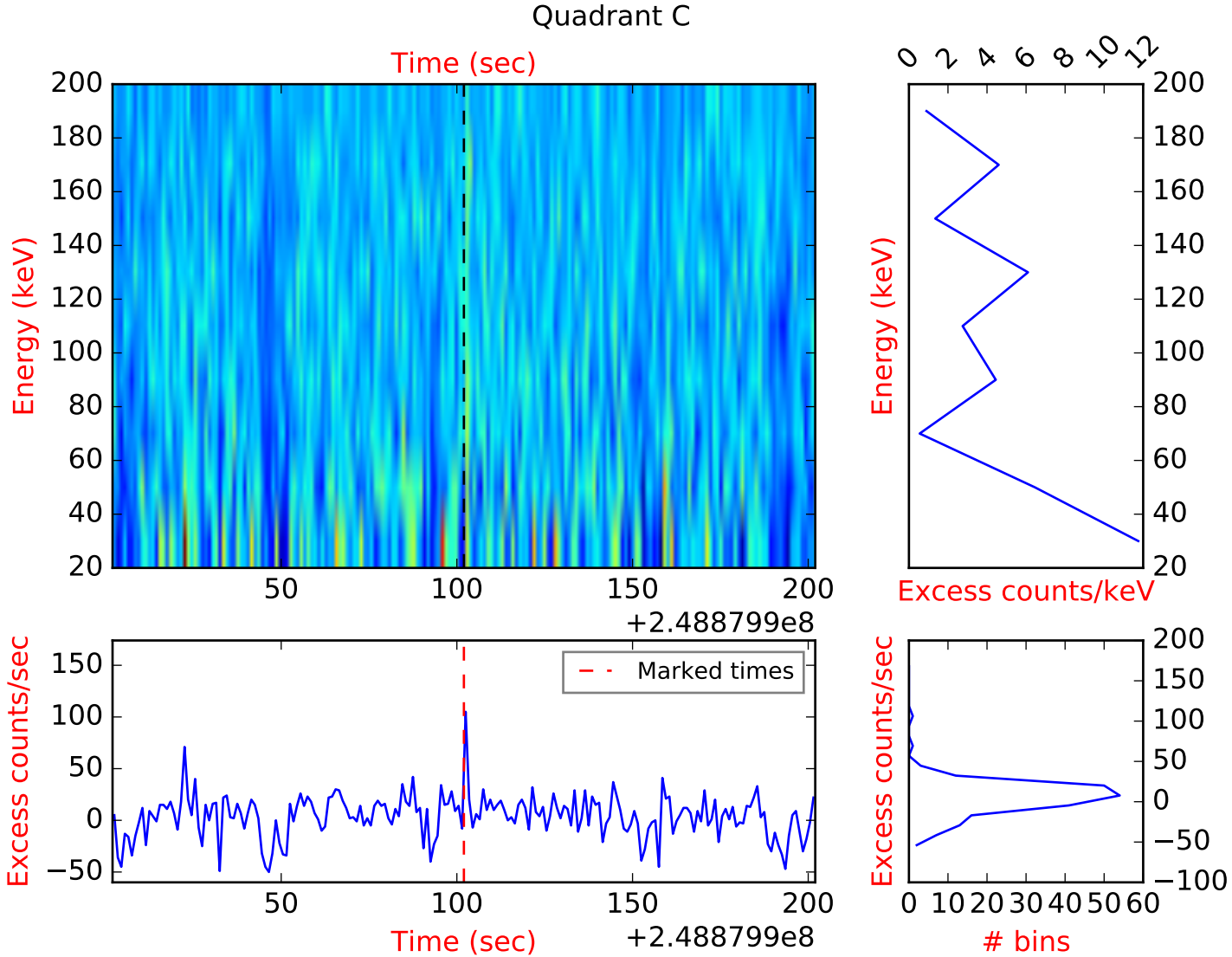

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
10^1
10^2
10^3
Counts/keV
Marked times
Counts/sec
250
200
150
100
Time (sec)
+2.488799e8
300
250
200
150
100
50
0 10 20 30 40 50 60
bins

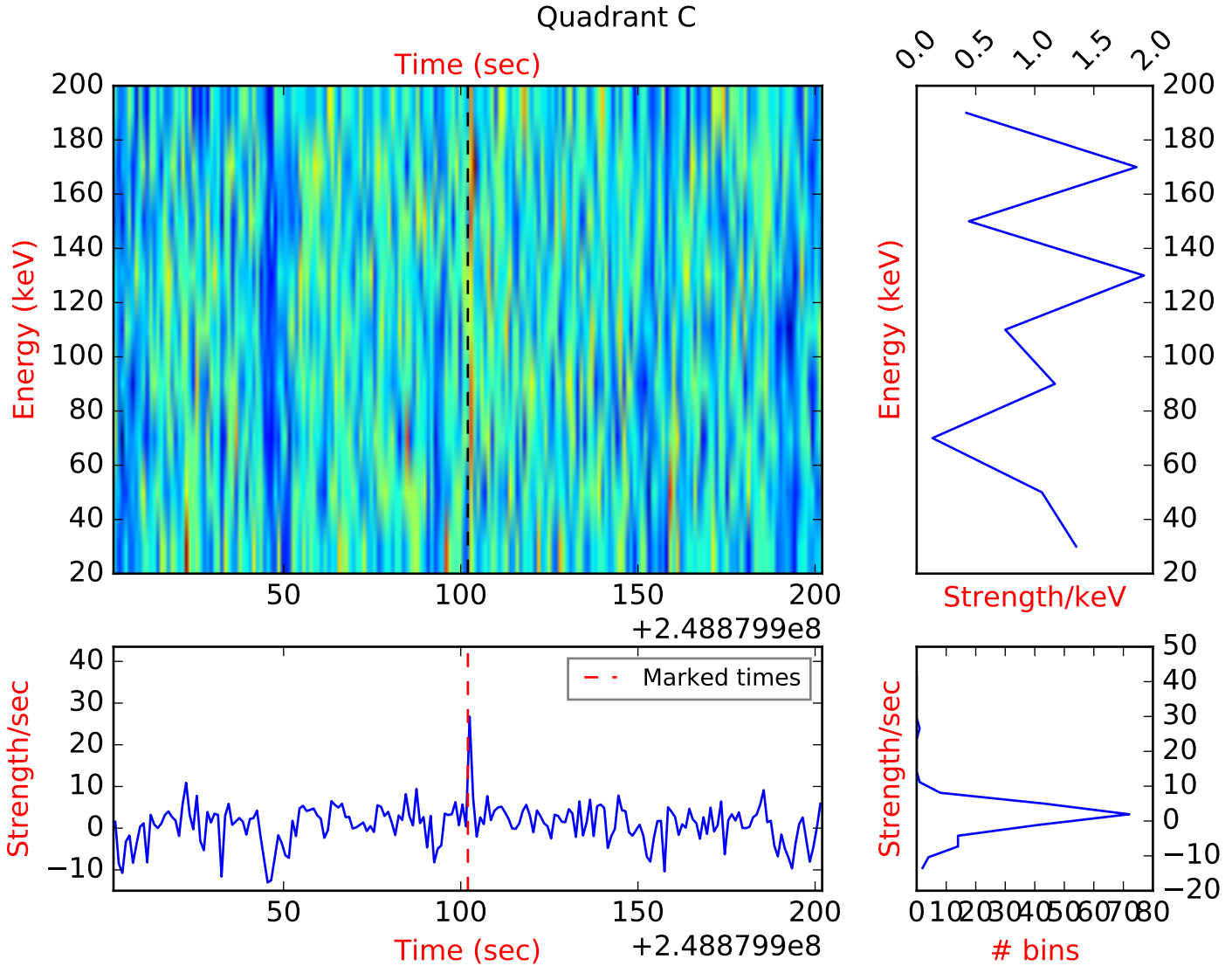

Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
−10
−5
0
5
10
15
20
Excess counts/keV
Excess counts/sec
150
100
50
0
−50
Marked times
Time (sec)
+2.488799e8
0
10
20
30
40
50
60
bins

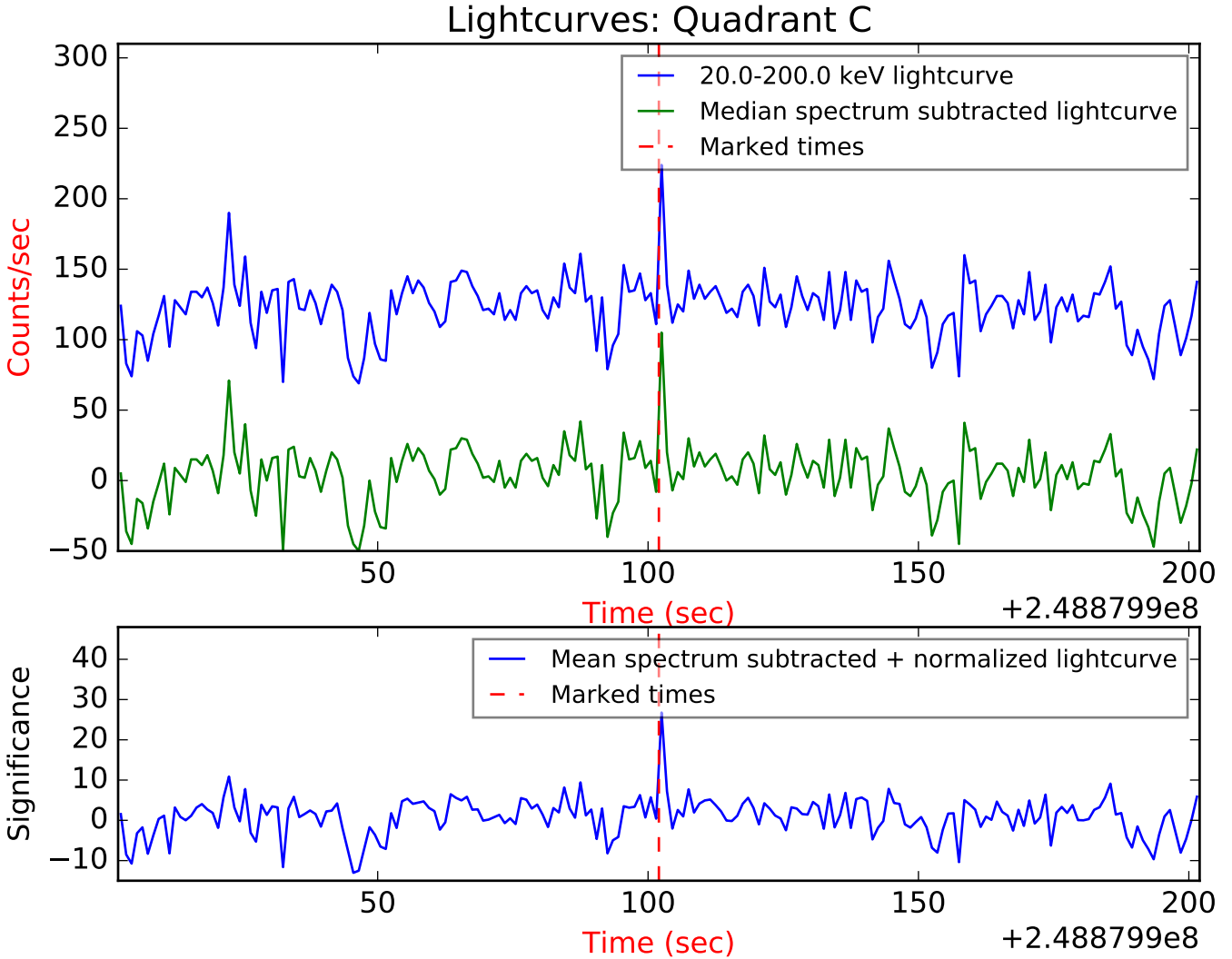

Quadrant B
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
bins
+2.488799e8

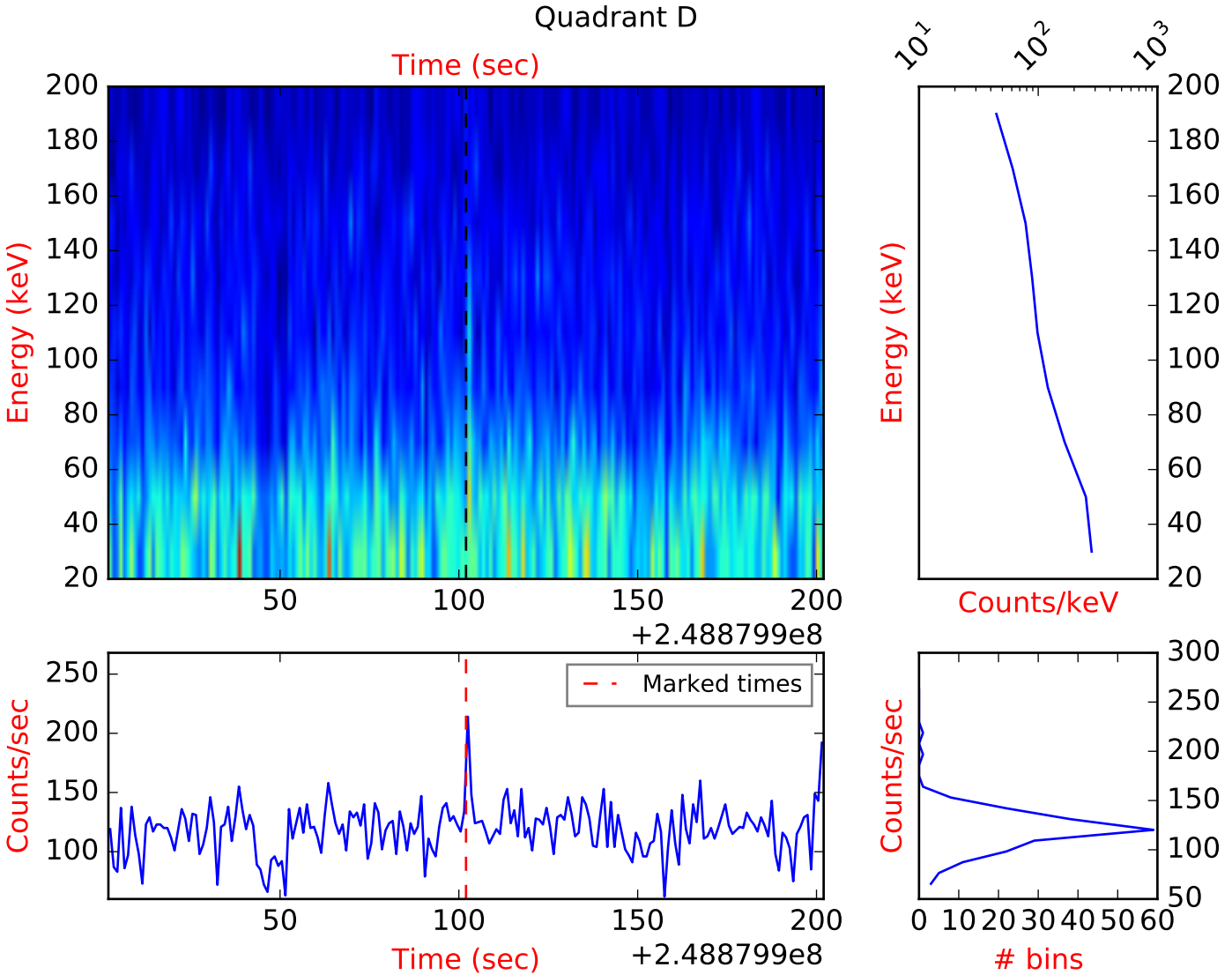

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
300
250
200
150
100
50
0
−50
−100
50
100
150
200
Time (sec)
+2.488799e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
30
20
10
0
−10
50
100
150
200
Time (sec)
+2.488799e8

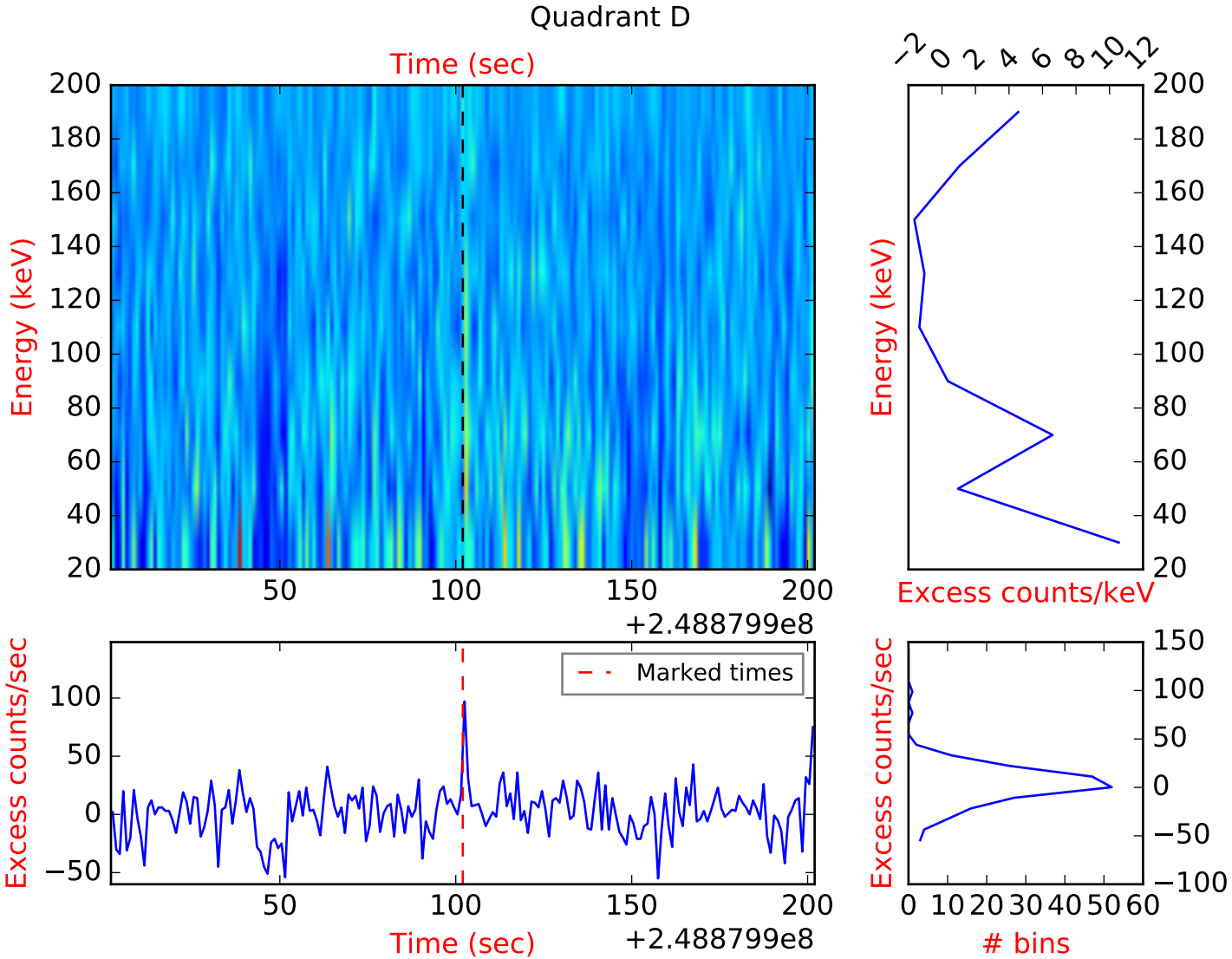

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
10^1
10^2
10^3
Counts/keV
Counts/sec
Marked times
250
200
150
100
Time (sec)
+2.488799e8
300
250
200
150
100
50
0 10 20 30 40 50 60
bins

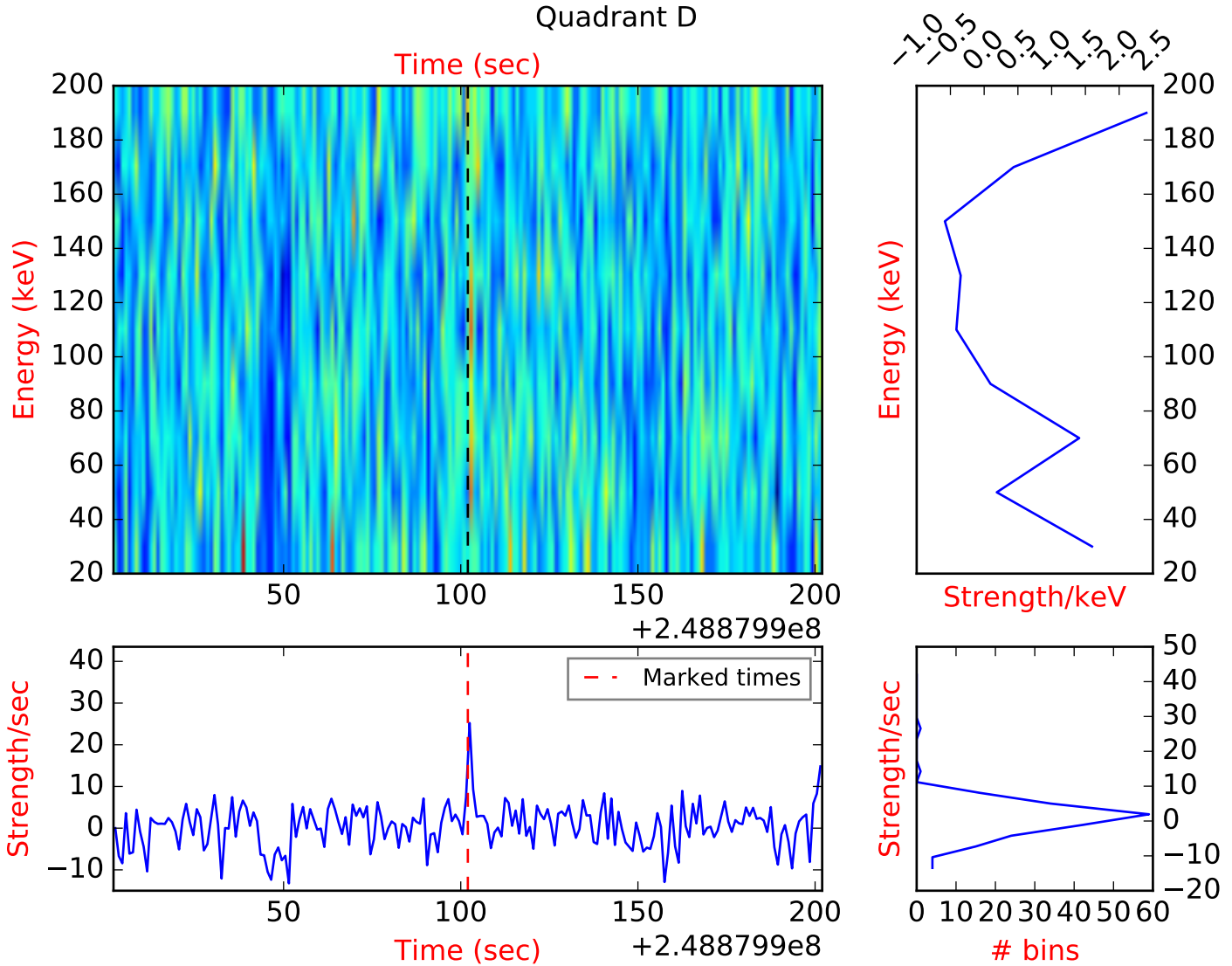

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
0 2 4 6 8 10 12
Energy (keV)
Excess counts/keV
Excess counts/sec
150
100
50
0
−50
Marked times
50
100
150
200
Time (sec)
+2.488799e8
Excess counts/sec
200
150
100
50
0
−50
−100
0 10 20 30 40 50 60
bins

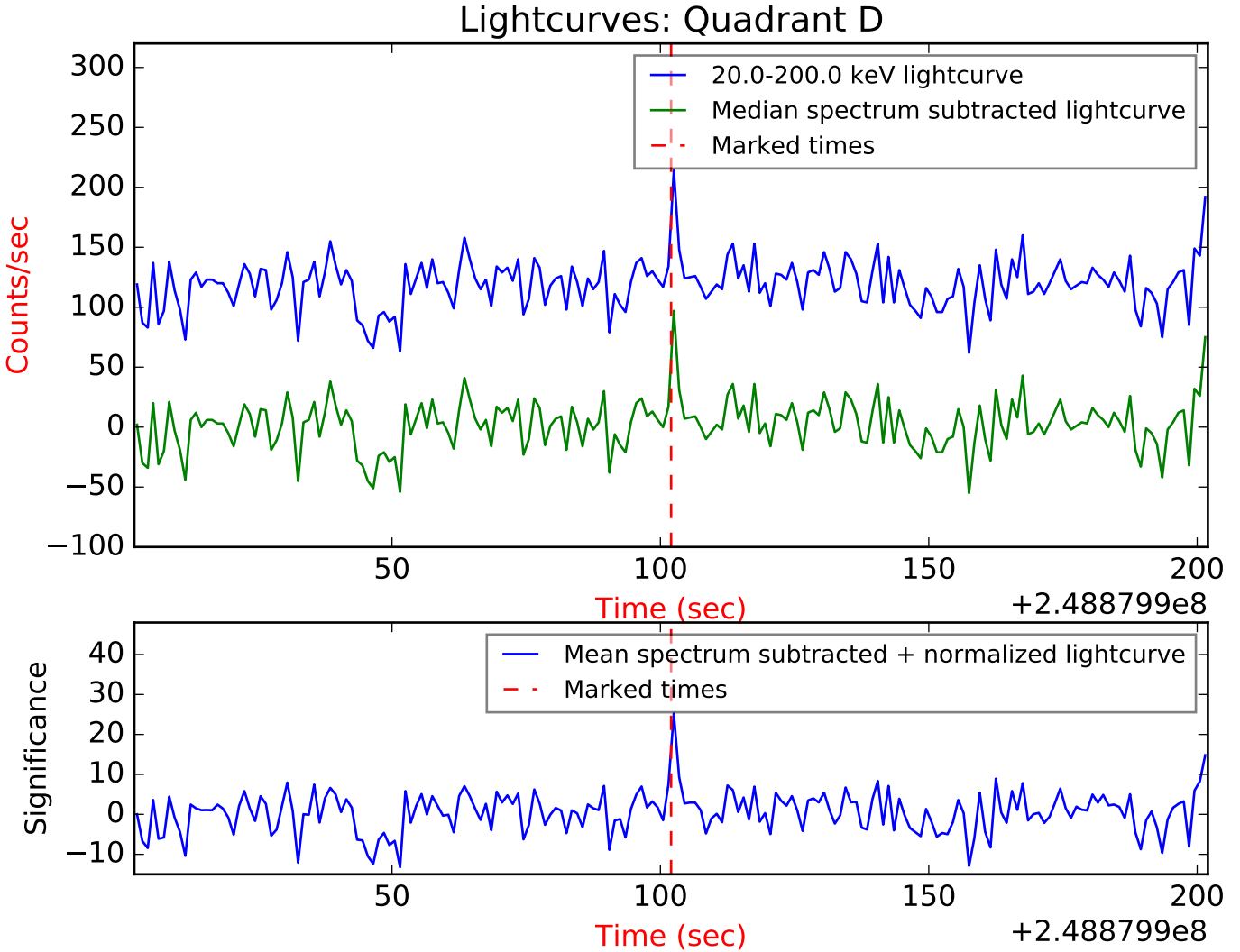

Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
0.0
0.5
1.0
1.5
2.0
Strength/keV
Strength/sec
40
30
20
10
0
−10
Marked times
Time (sec)
+2.488799e8
50
40
30
20
10
0
−10
−20
0 10 20 30 40 50 60 70 80
bins

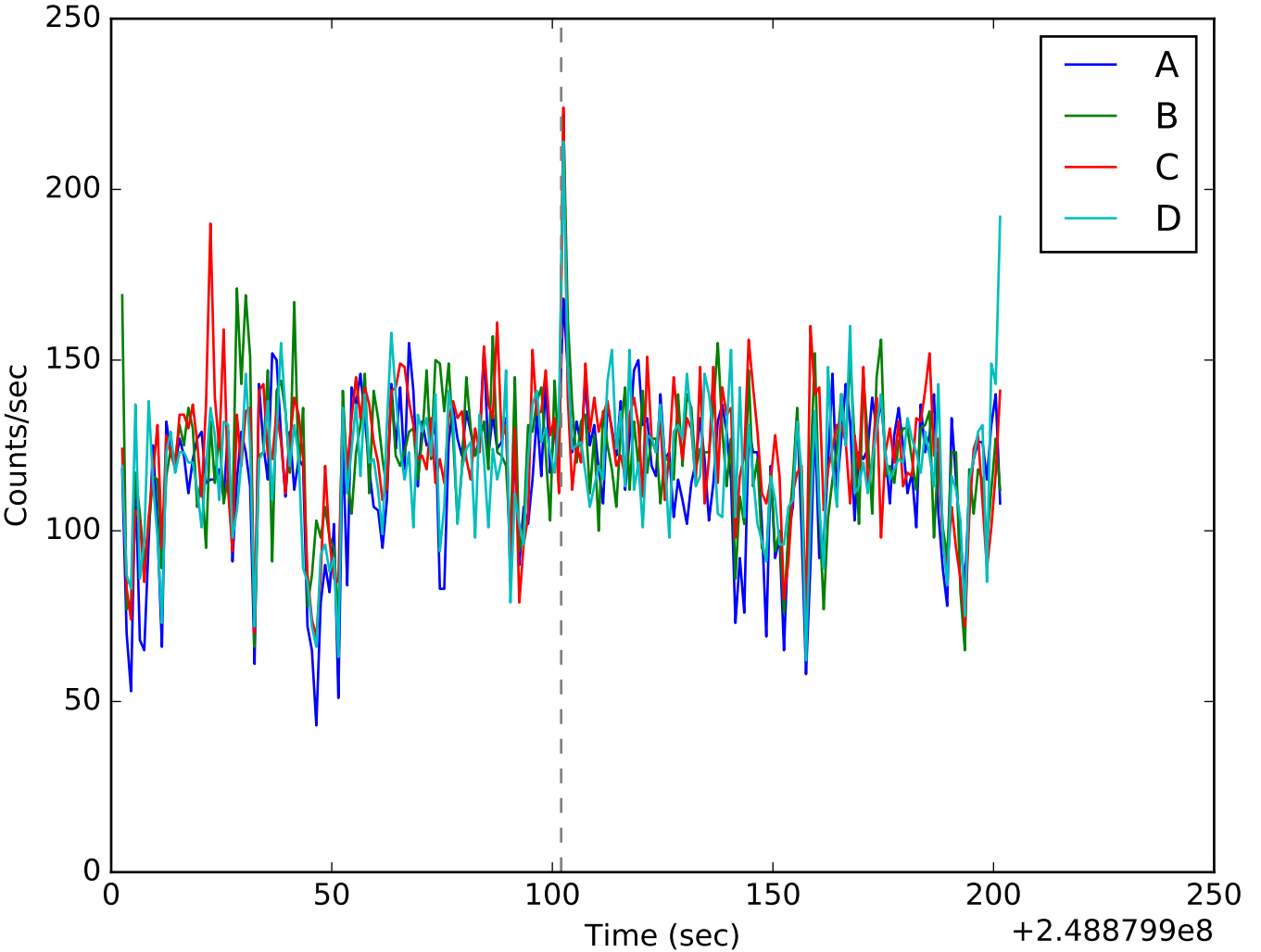

Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
Time (sec)
+2.488799e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
Time (sec)
+2.488799e8


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
10^1
10^2
10^3
Counts/keV
Counts/sec
Marked times
250
200
150
100
Time (sec)
+2.488799e8
300
250
200
150
100
50
0 10 20 30 40 50 60
bins


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
−2
0
2
4
6
8
10
12
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
−50
Time (sec)
+2.488799e8
150
−100
0
10
20
30
40
50
60
bins


Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
50
100
150
200
+2.488799e8
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
Strength/keV
Strength/sec
Marked times
40
30
20
10
0
−10
Time (sec)
+2.488799e8
−20
0 10 20 30 40 50 60
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
300
250
200
150
100
50
0
−50
−100
50
100
150
200
Time (sec)
+2.488799e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
30
20
10
0
−10
50
100
150
200
Time (sec)
+2.488799e8


250
200
150
100
50
0
Counts/sec
0
50
100
150
200
250
Time (sec)
+2.488799e8
A
B
C
D