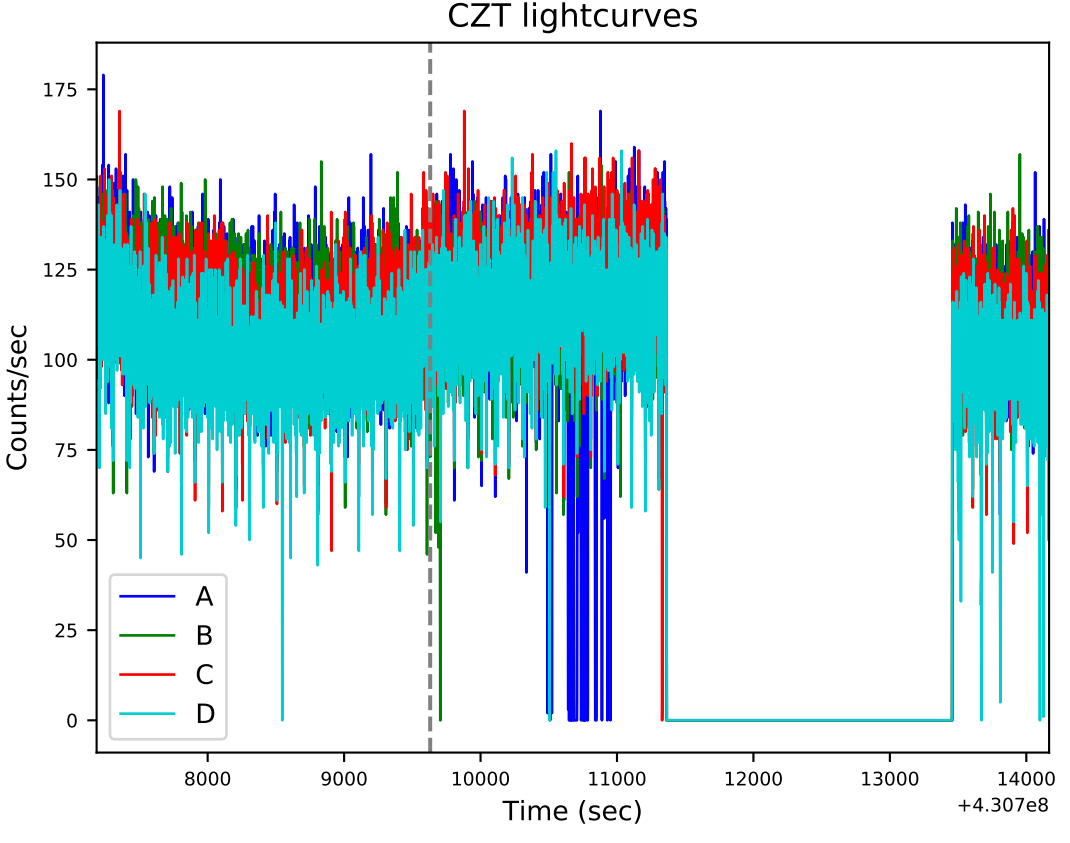
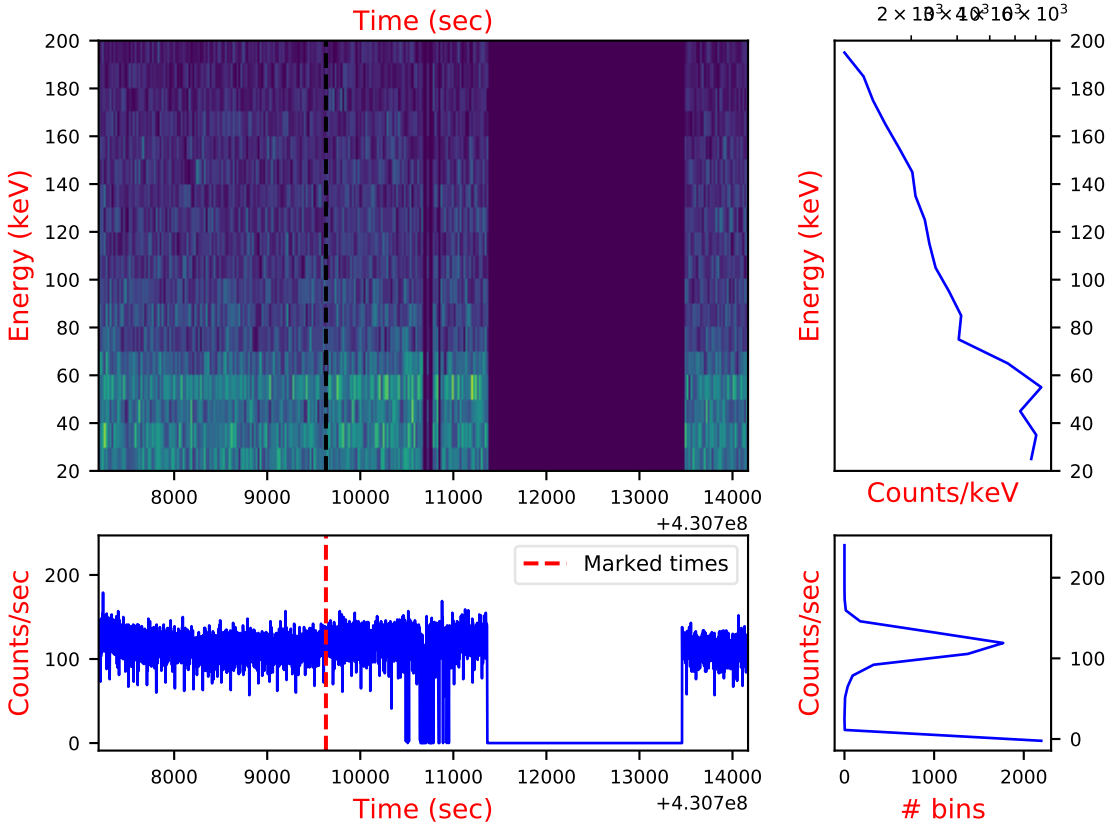
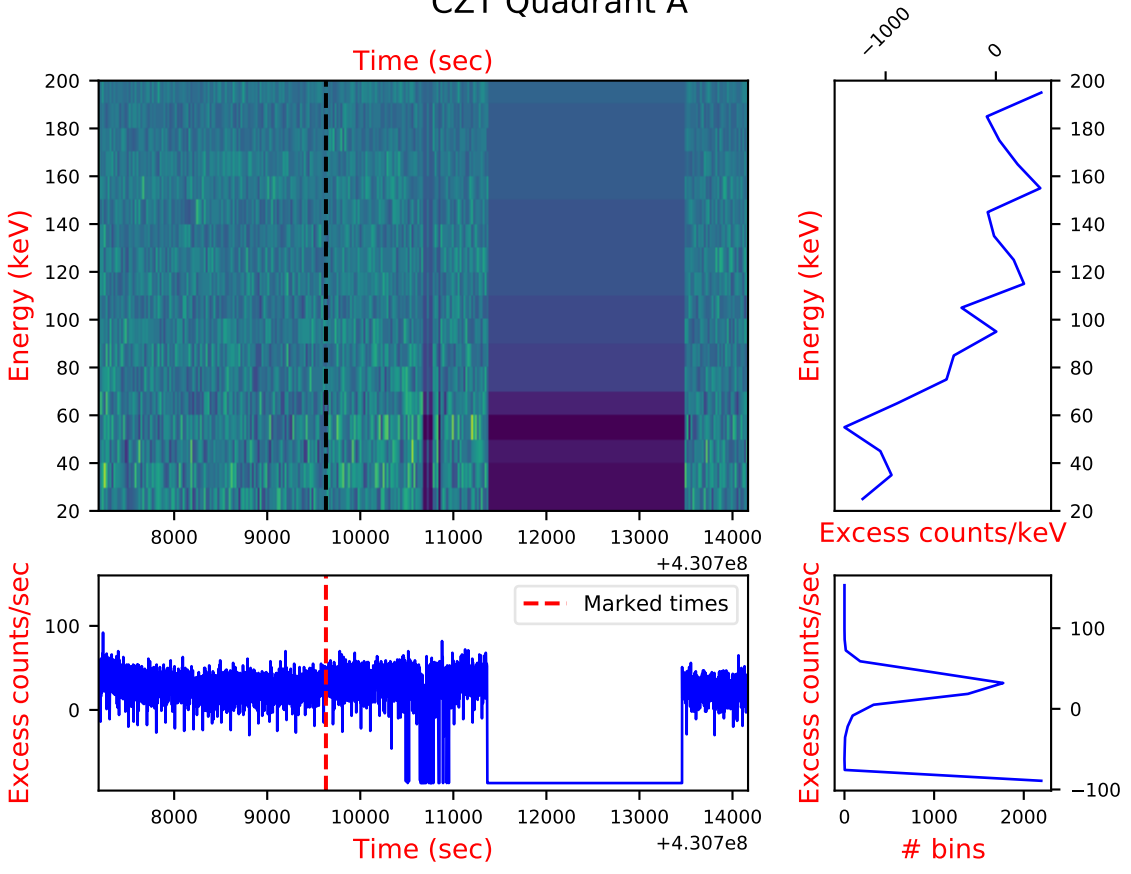
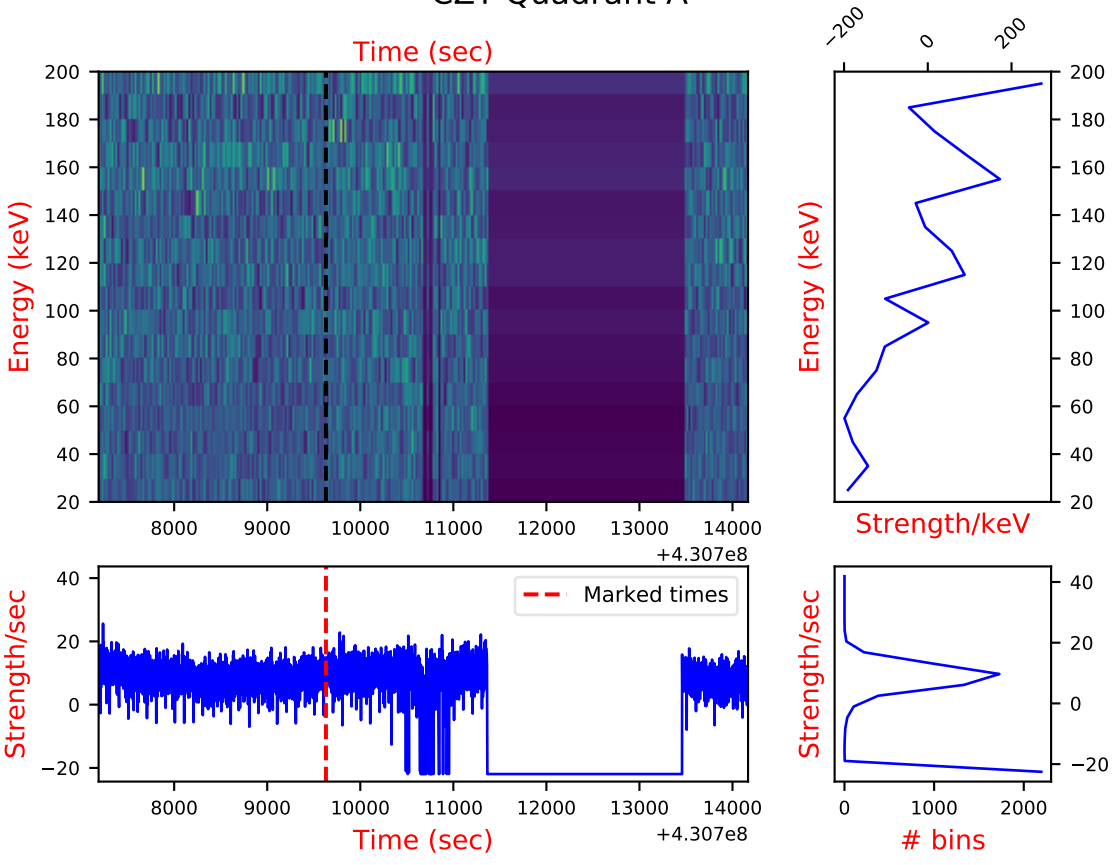
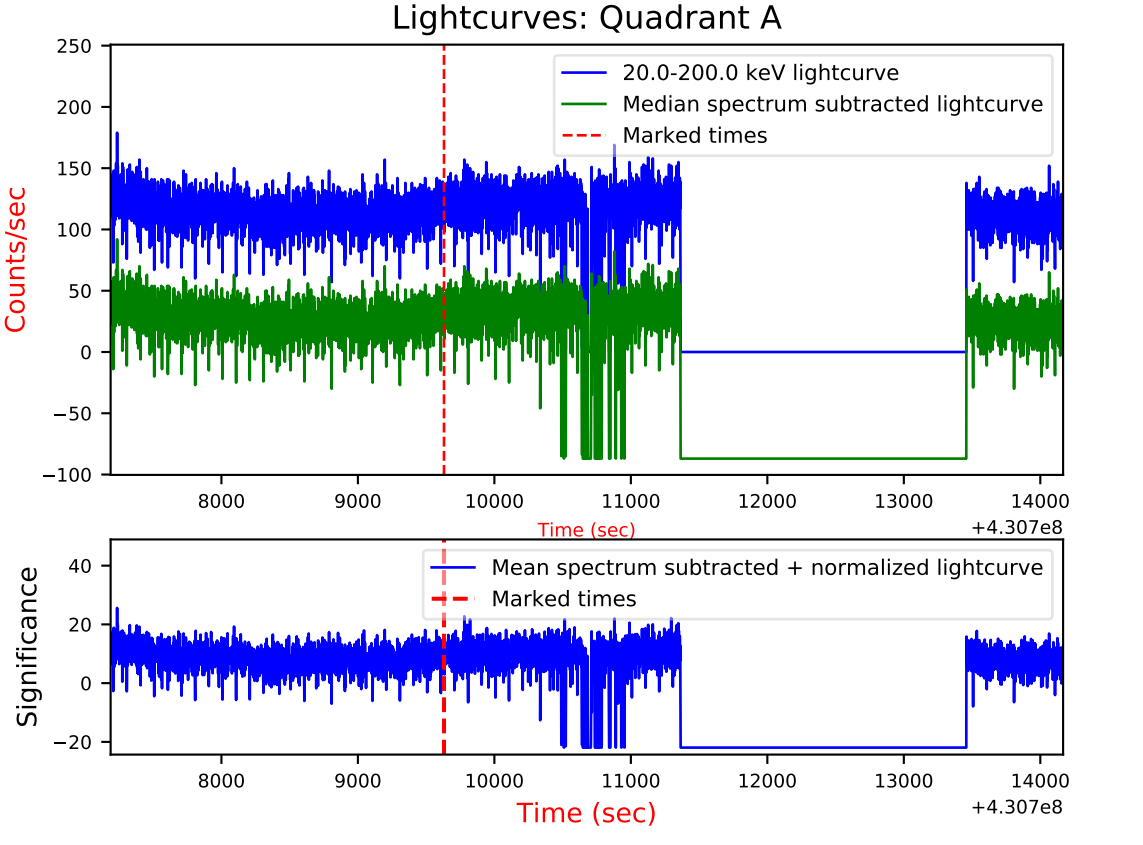

CZT lightcurves
Counts/sec
175
150
125
100
75
50
25
0
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8
A
B
C
D

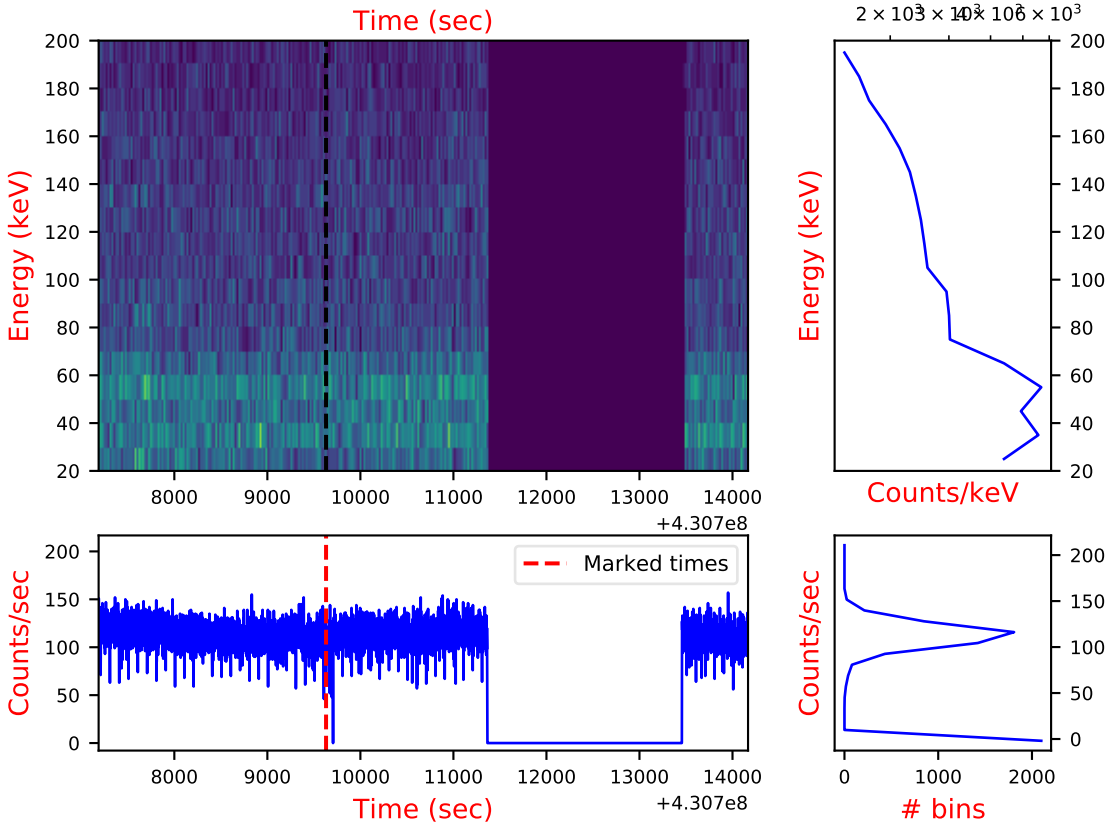


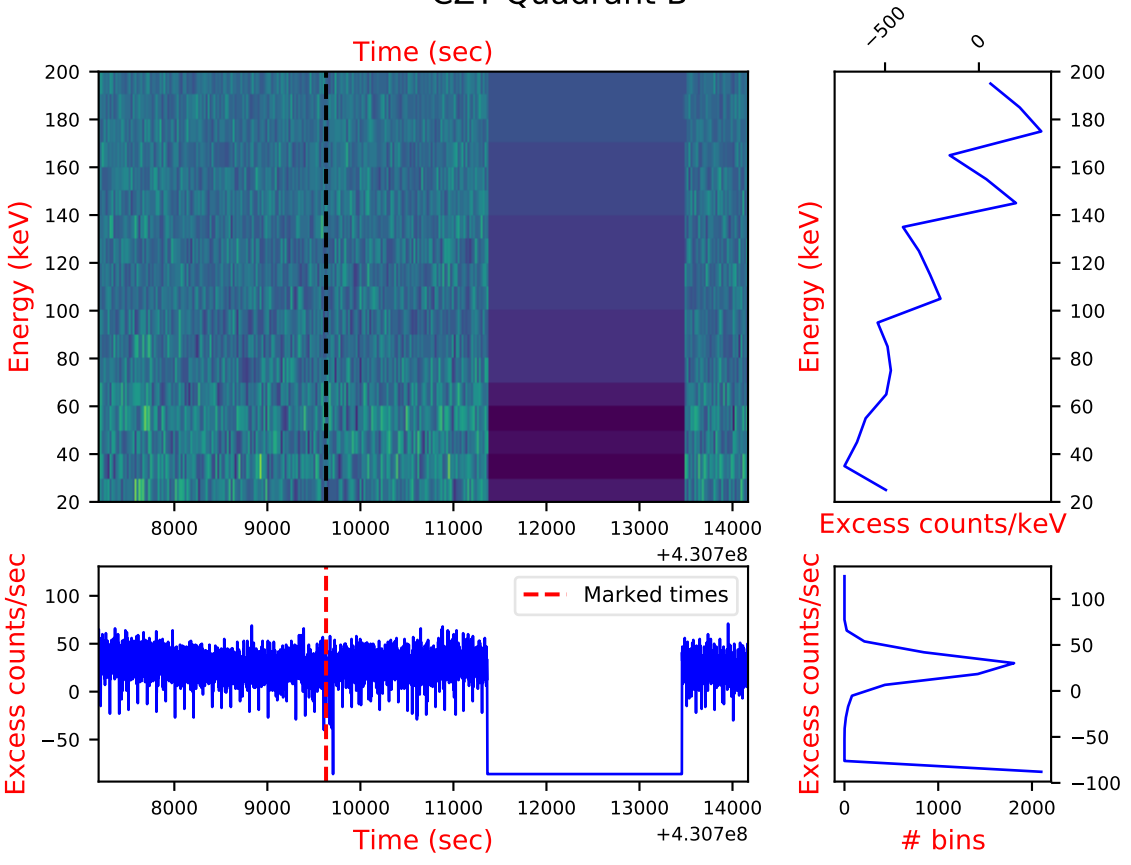
CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.307e8
bins

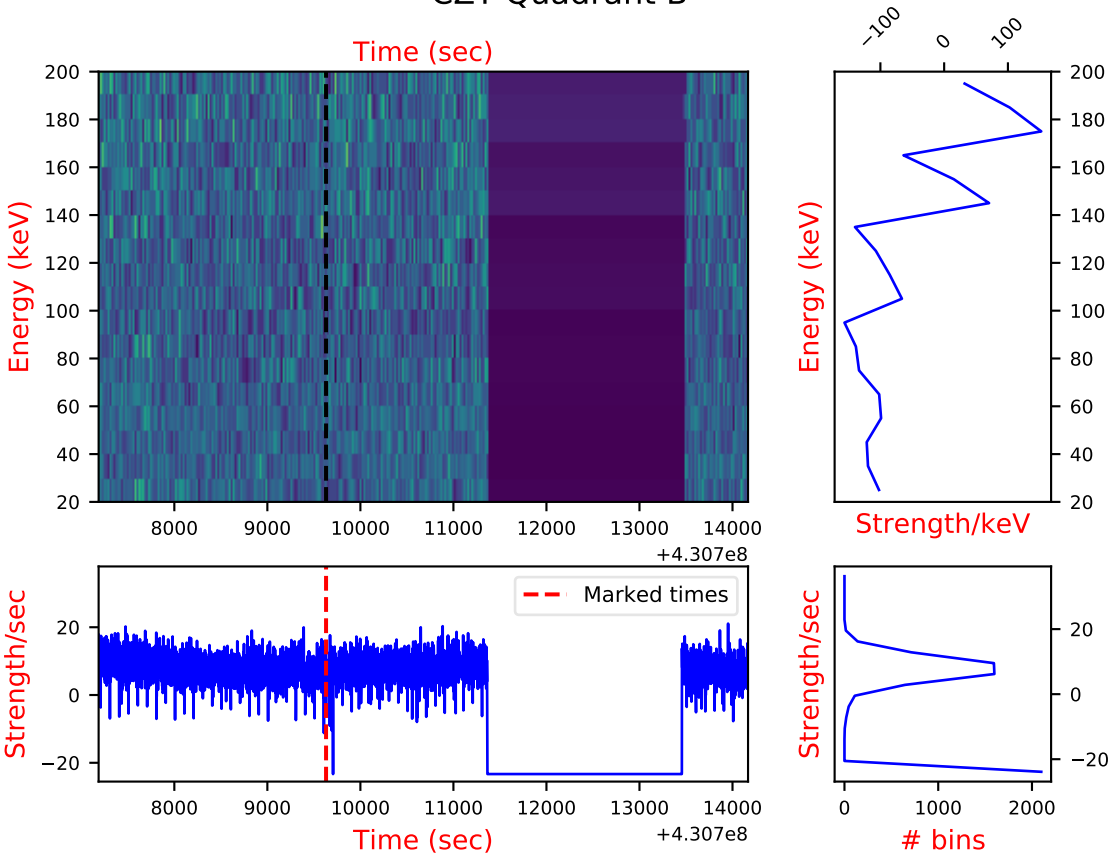

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
8000
9000
10000
11000
12000
13000
14000
+4.307e8
−1000
0
Excess counts/keV
Excess counts/sec
Marked times
100
0
−100
bins
2000
1000

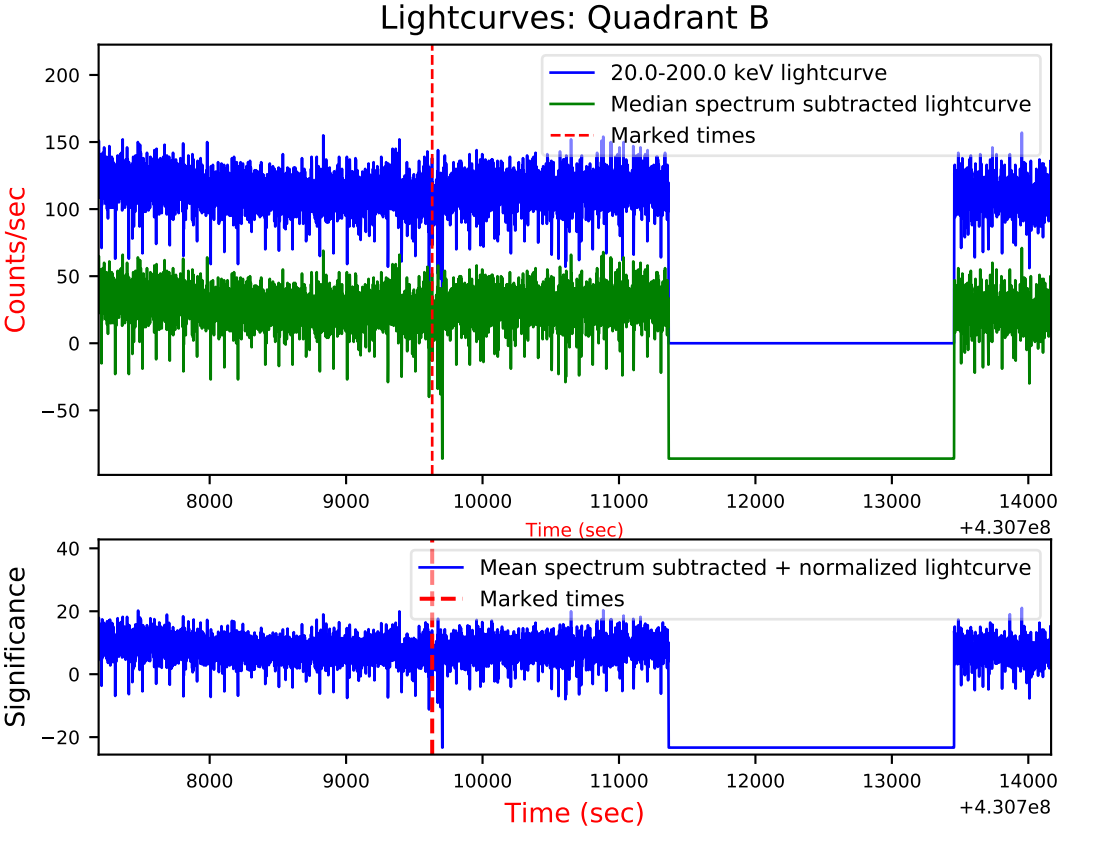

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
8000
9000
10000
11000
12000
13000
14000
+4.307e8
−200
0
200
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.307e8
1000
2000
bins

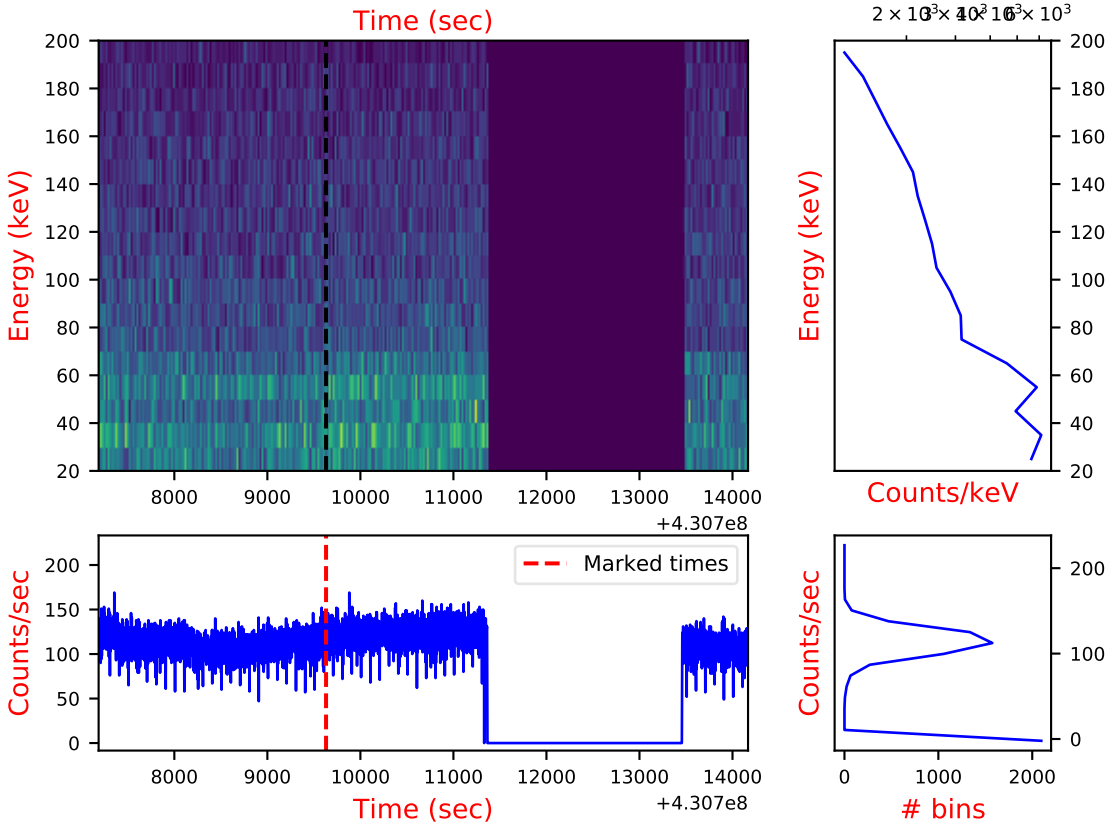

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
−100
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8

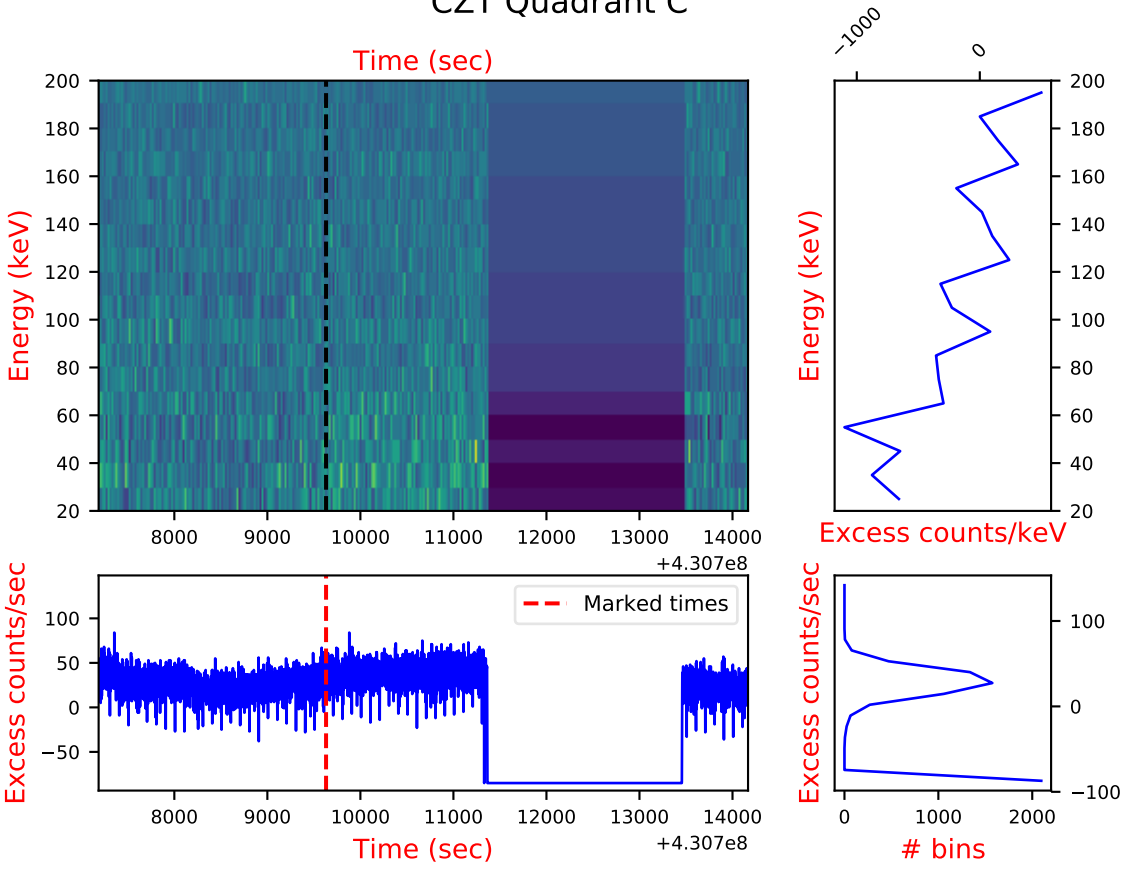

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.307e8
bins

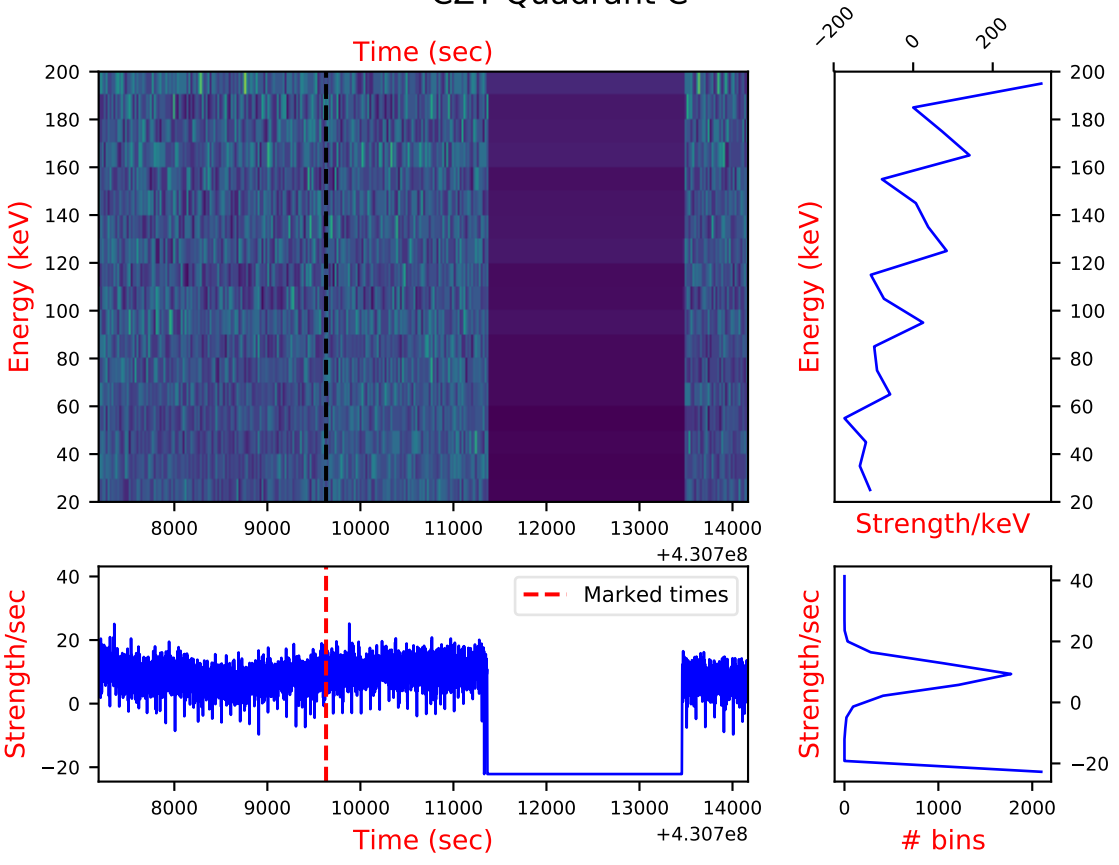

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
8000
9000
10000
11000
12000
13000
14000
−500
0
Excess counts/keV
+4.307e8
Marked times
Excess counts/sec
100
50
0
−50
−100
bins
2000
1000

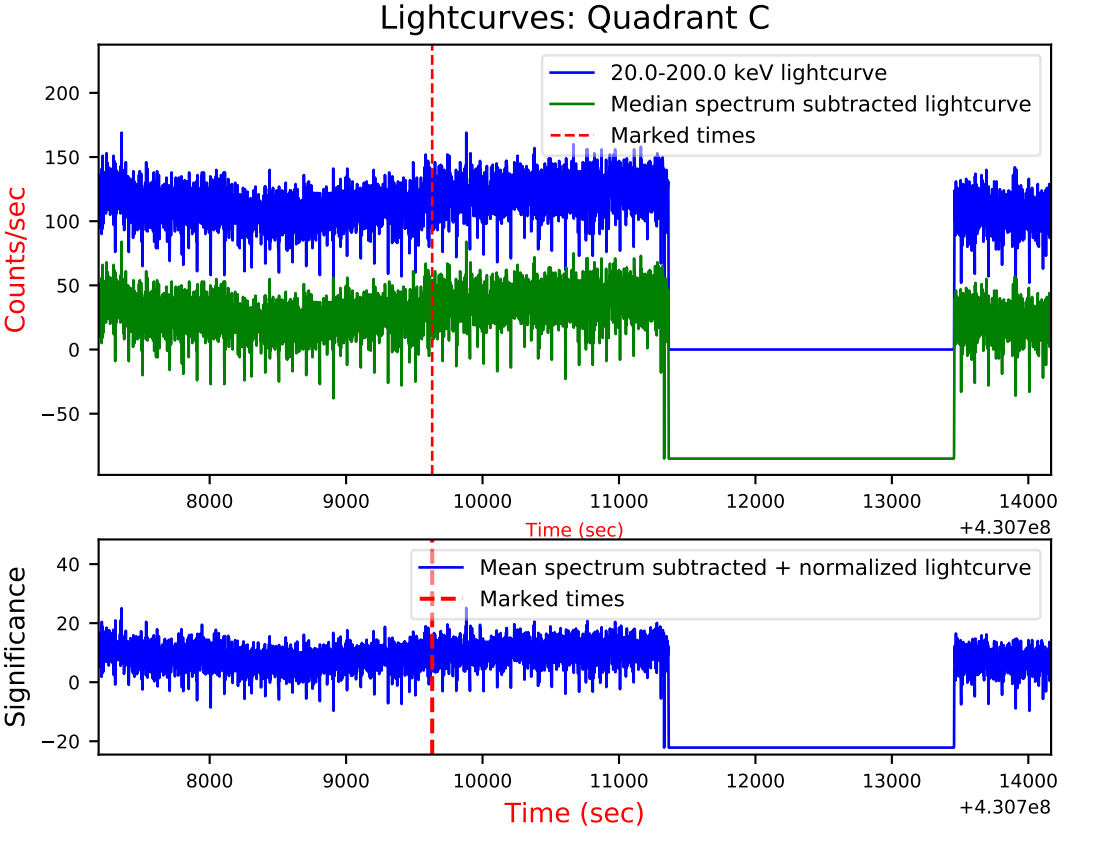

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
8000
9000
10000
11000
12000
13000
14000
+4.307e8
−100
0
100
Strength/keV
Strength/sec
Marked times
20
0
−20
Time (sec)
bins
1000
2000

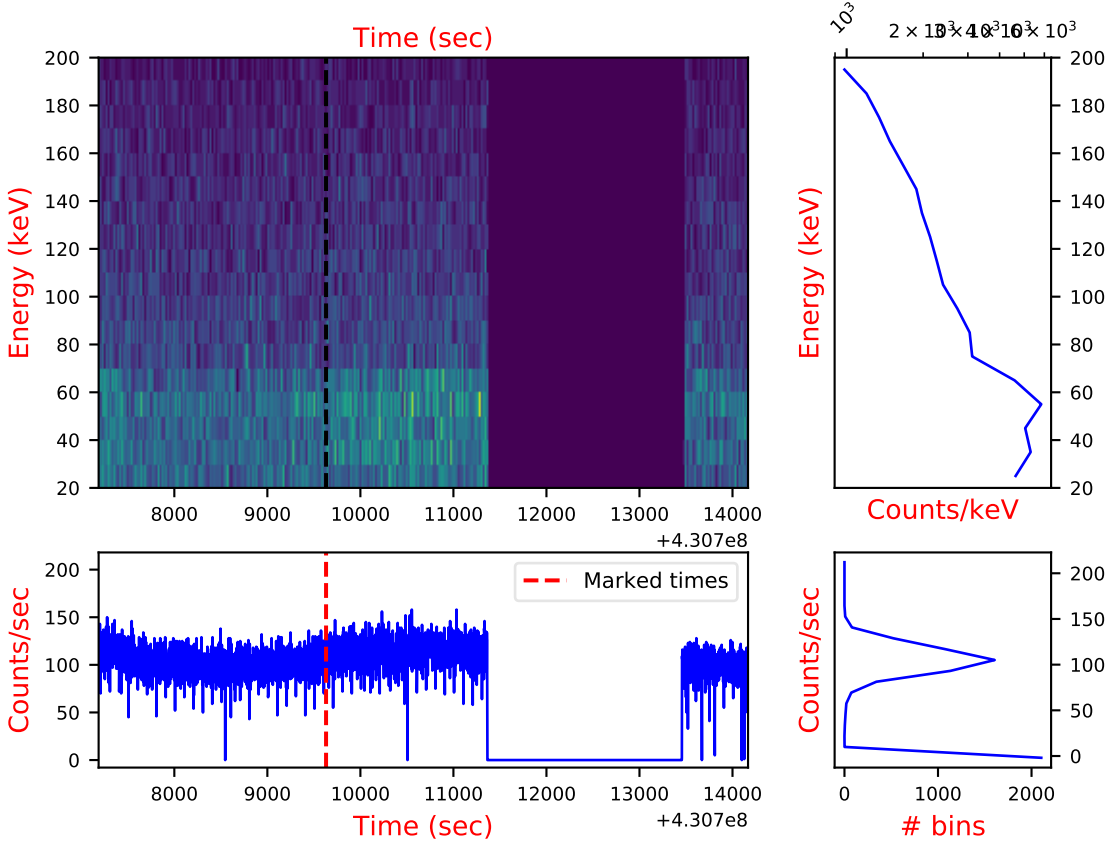

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8

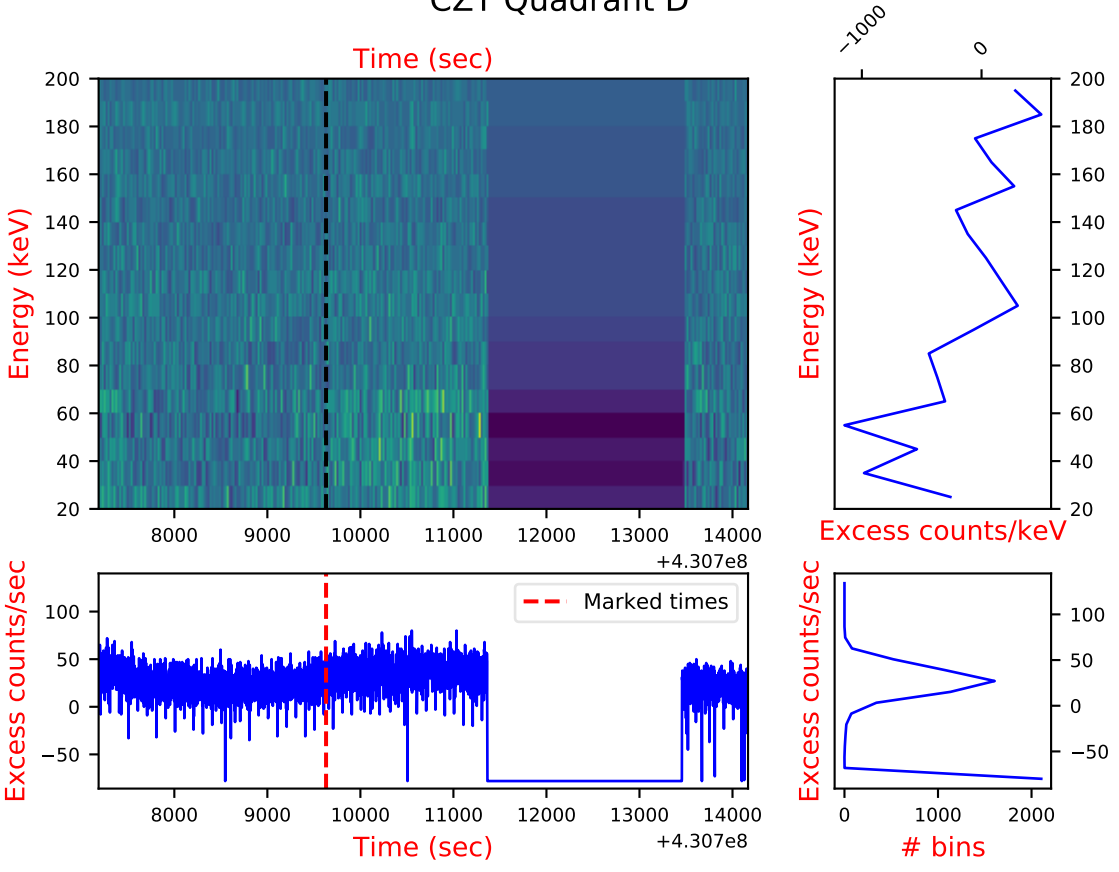

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.307e8

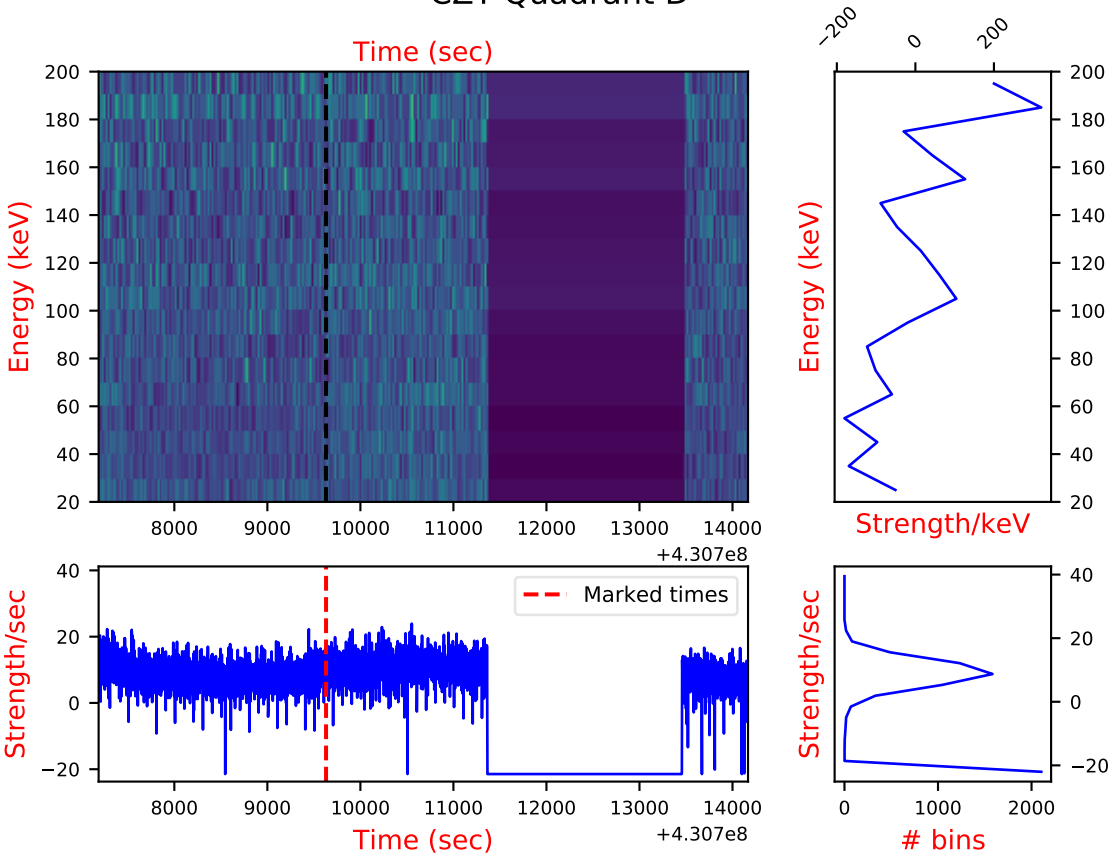

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
8000
9000
10000
11000
12000
13000
14000
+4.307e8
−1000
0
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins
2000
−100

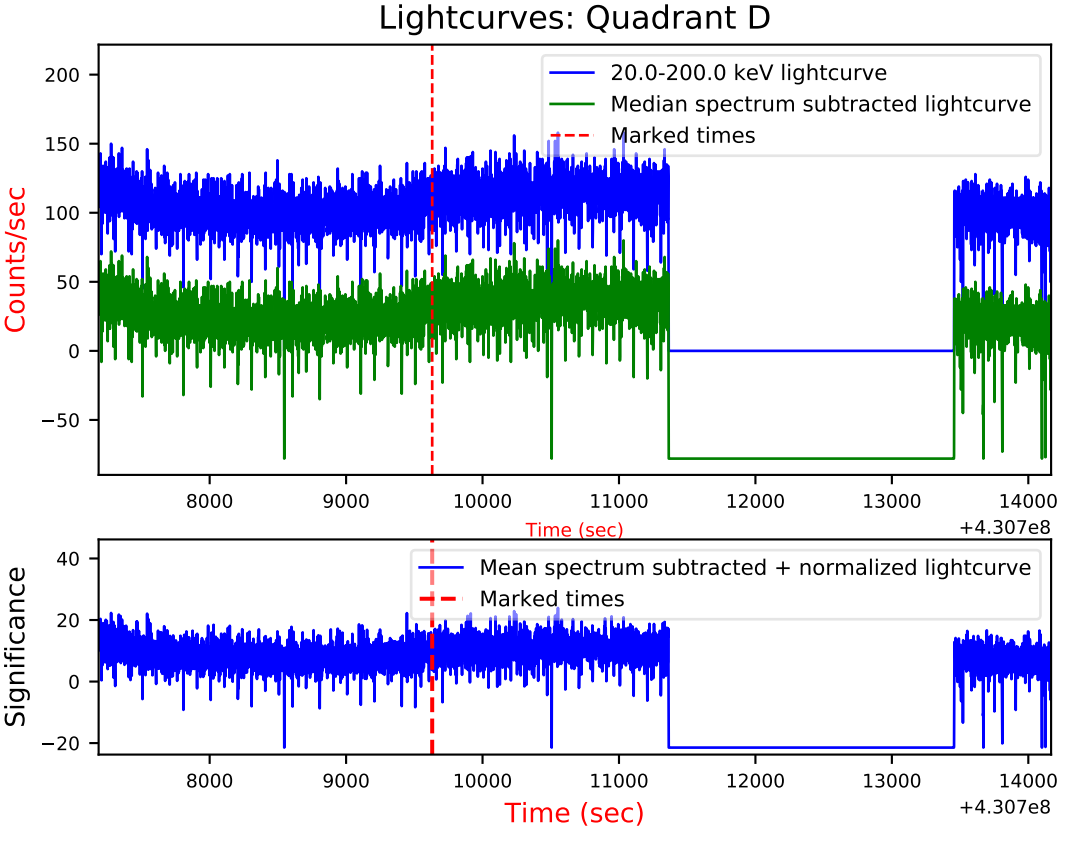

CZT Quadrant C
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
bins
+4.307e8


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.307e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
8000
9000
10000
11000
12000
13000
14000
−1000
0
Excess counts/keV
+4.307e8
Marked times
Excess counts/sec
100
50
0
−50
Time (sec)
bins
1000
2000


CZT Quadrant D
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
bins
+4.307e8


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
8000
9000
10000
11000
12000
13000
14000
Time (sec)
+4.307e8