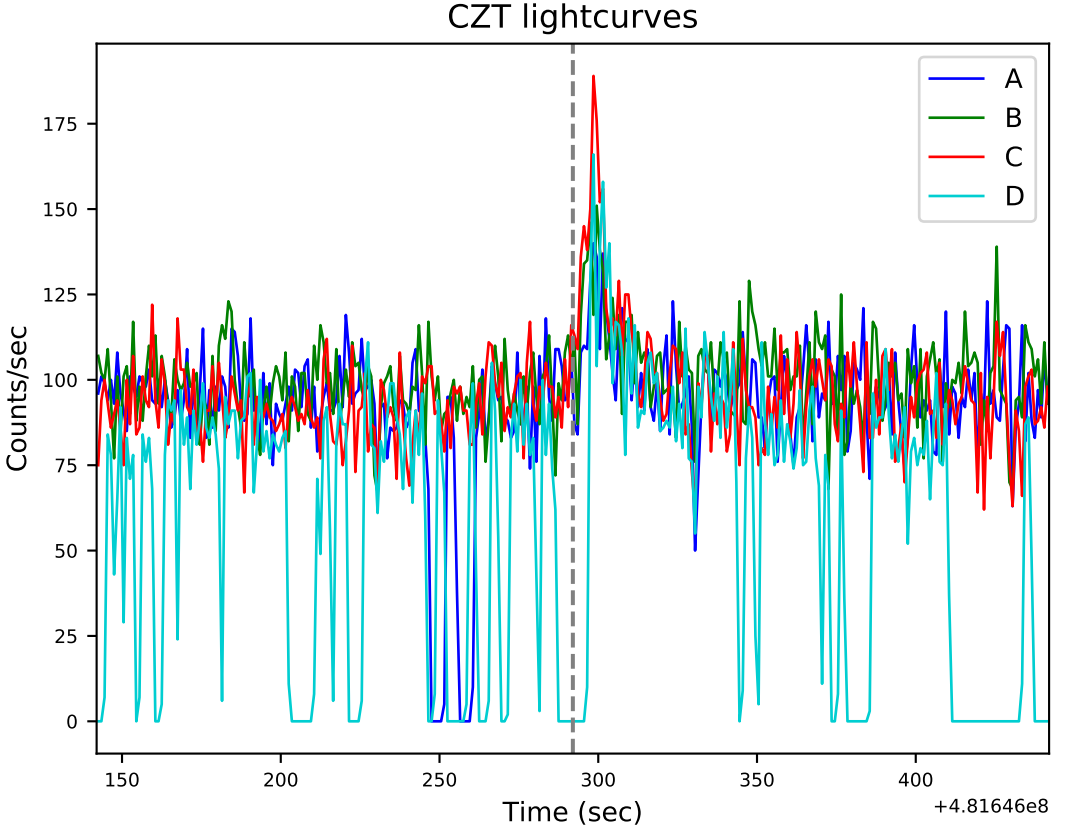
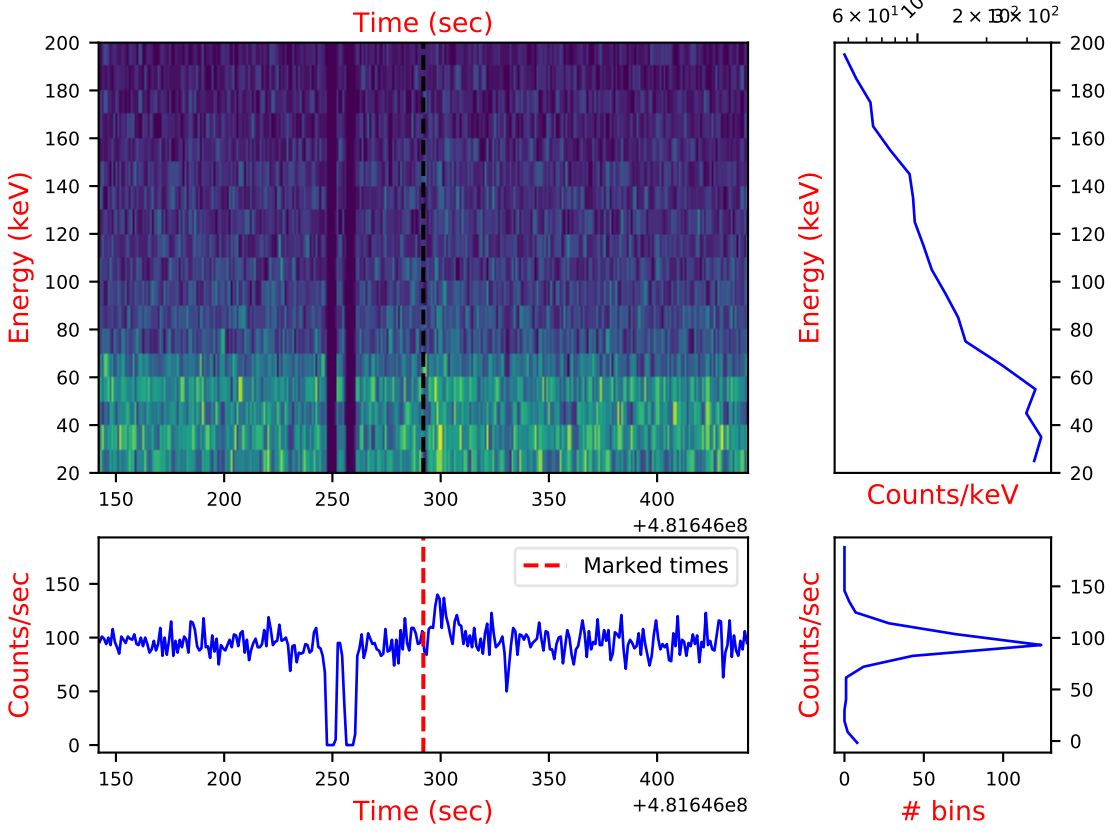
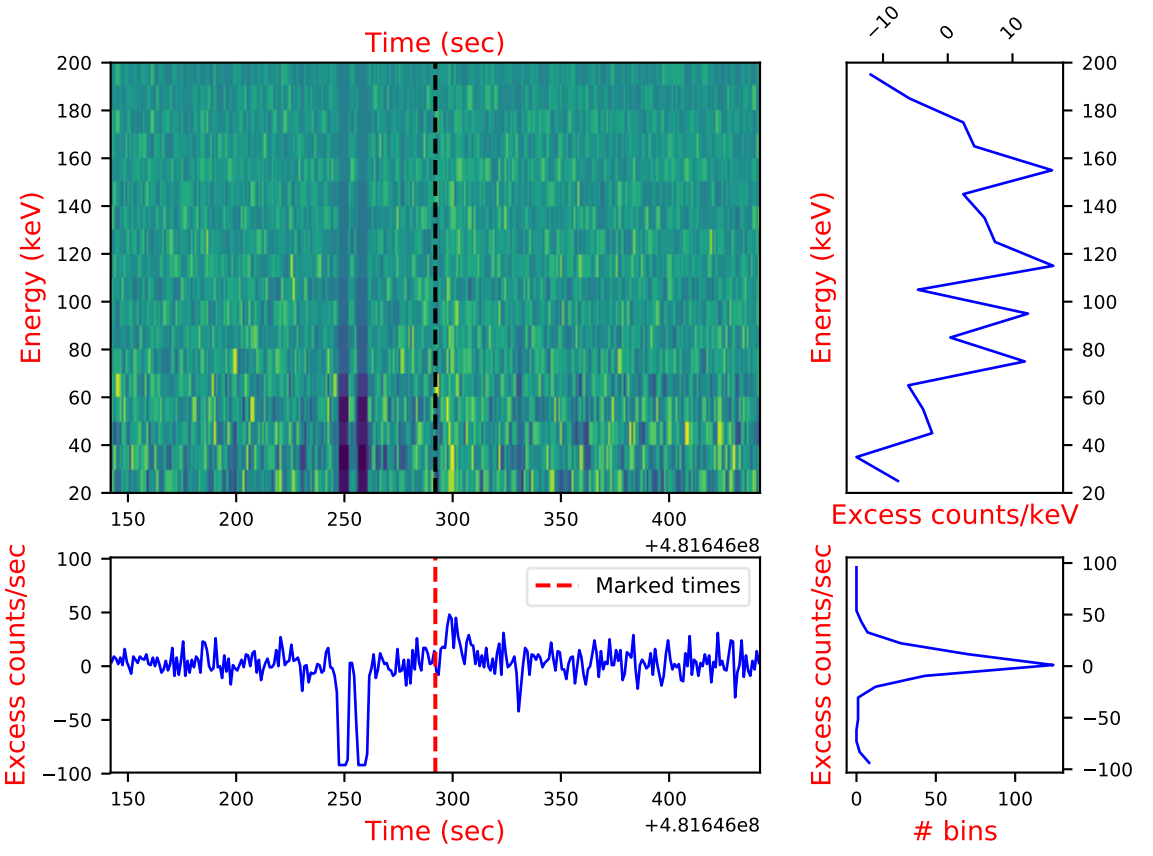
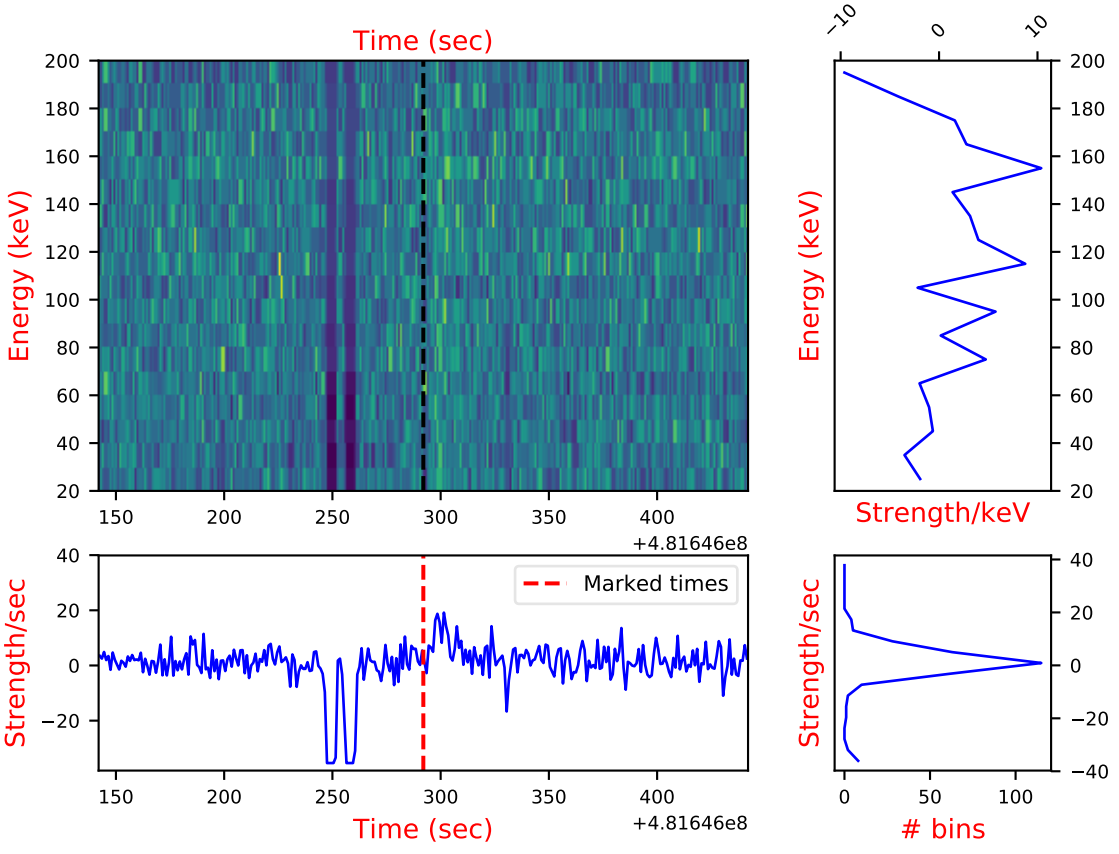
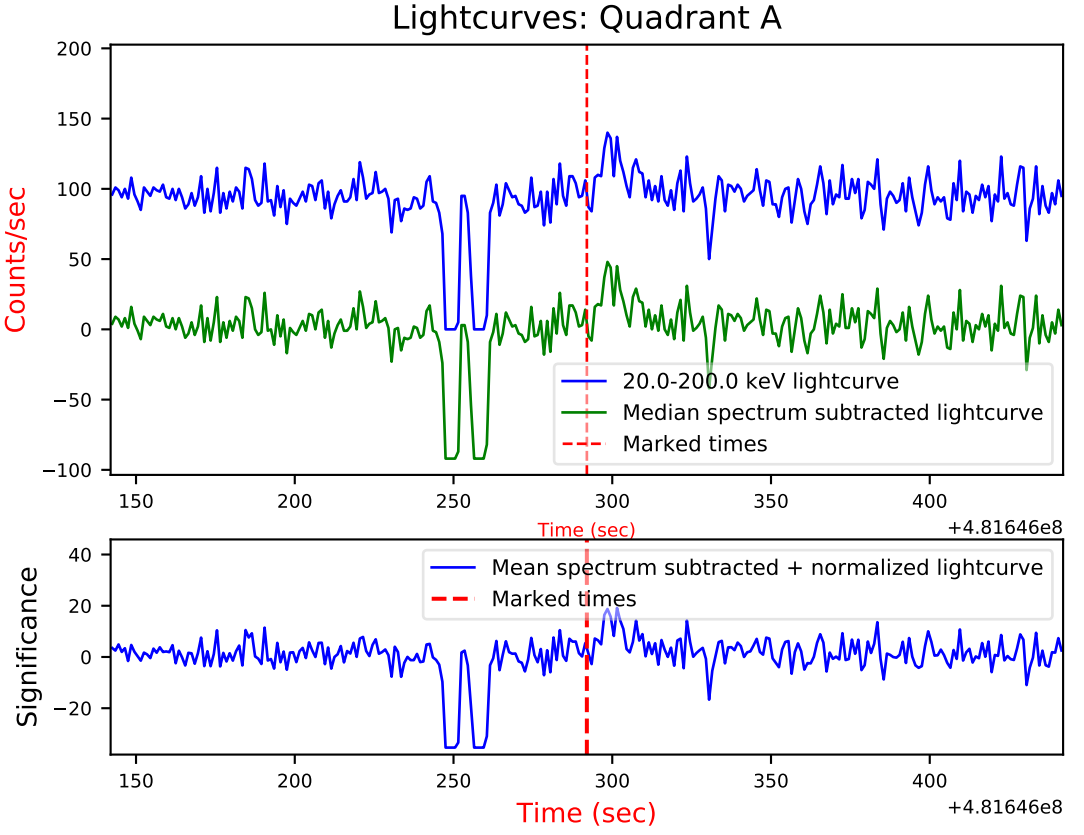
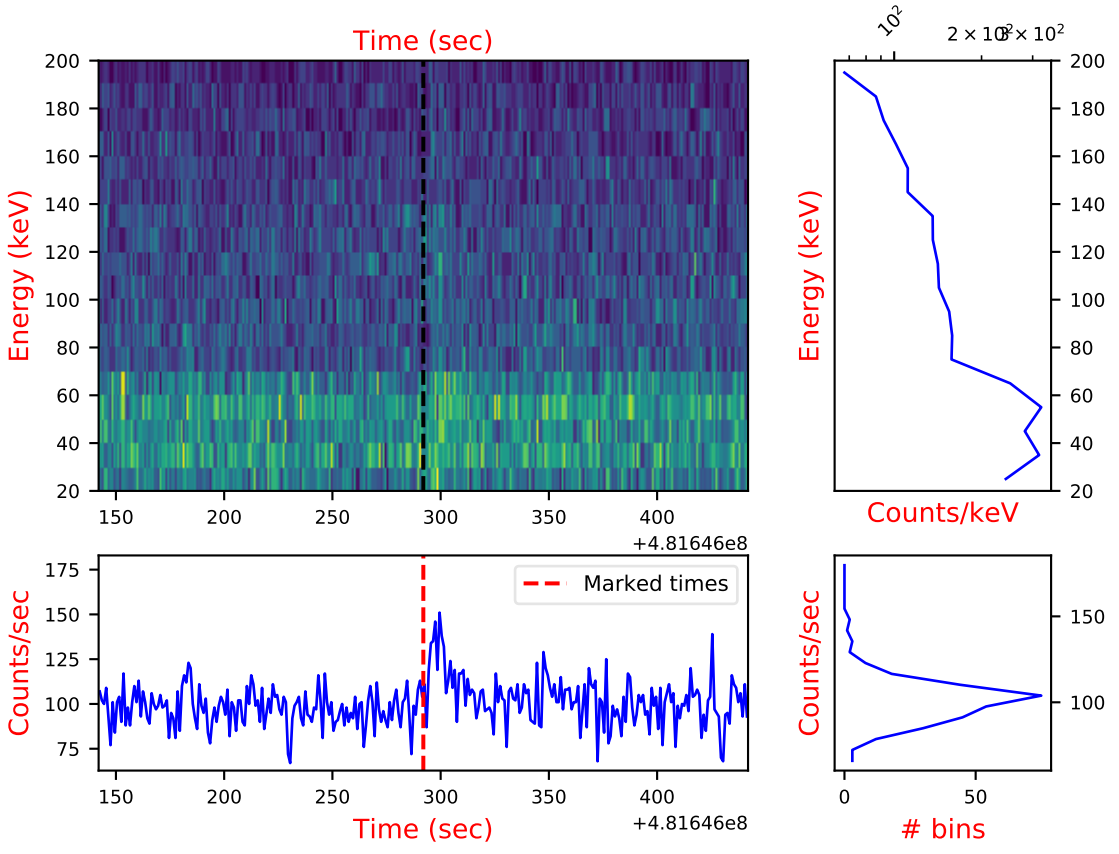

CZT lightcurves
A
B
C
D
Counts/sec
175
150
125
100
75
50
25
0
150
200
250
300
350
400
Time (sec)
+4.81646e8

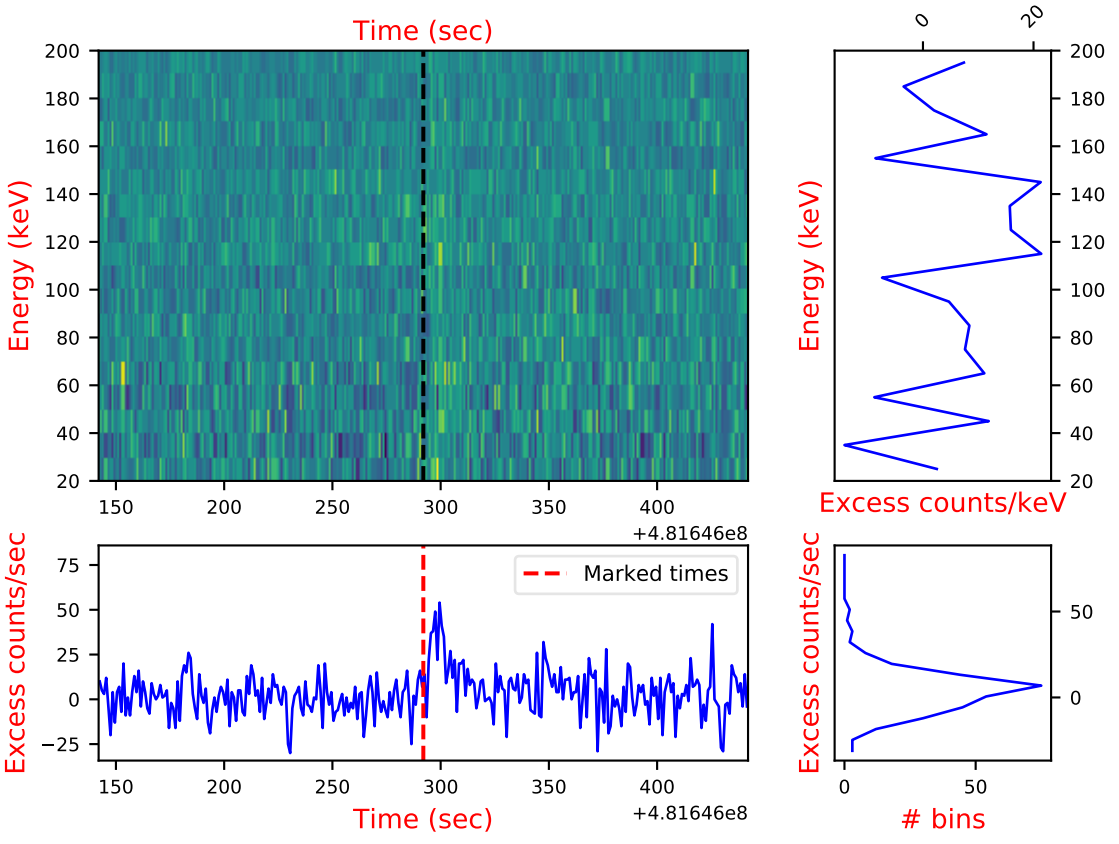

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.81646e8

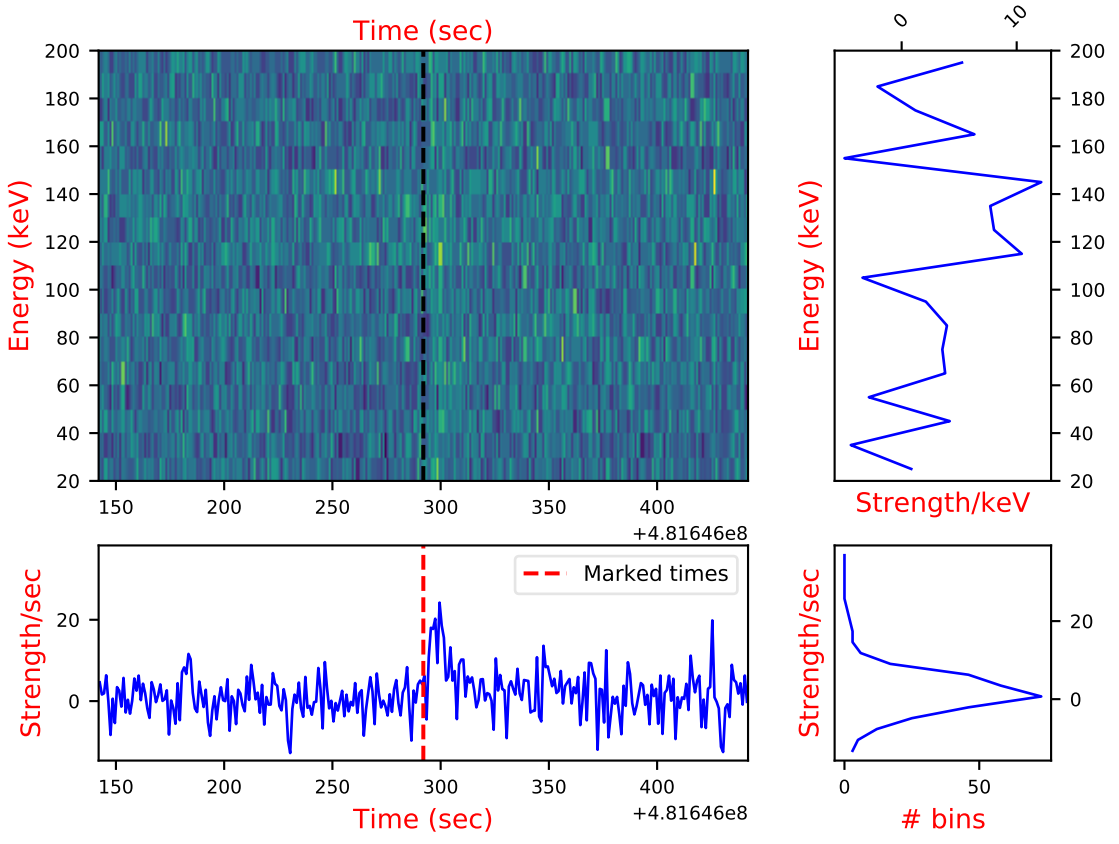

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
+4.81646e8
−10
0
10
Excess counts/keV
Excess counts/sec
100
50
0
−50
−100
Marked times
Time (sec)
bins

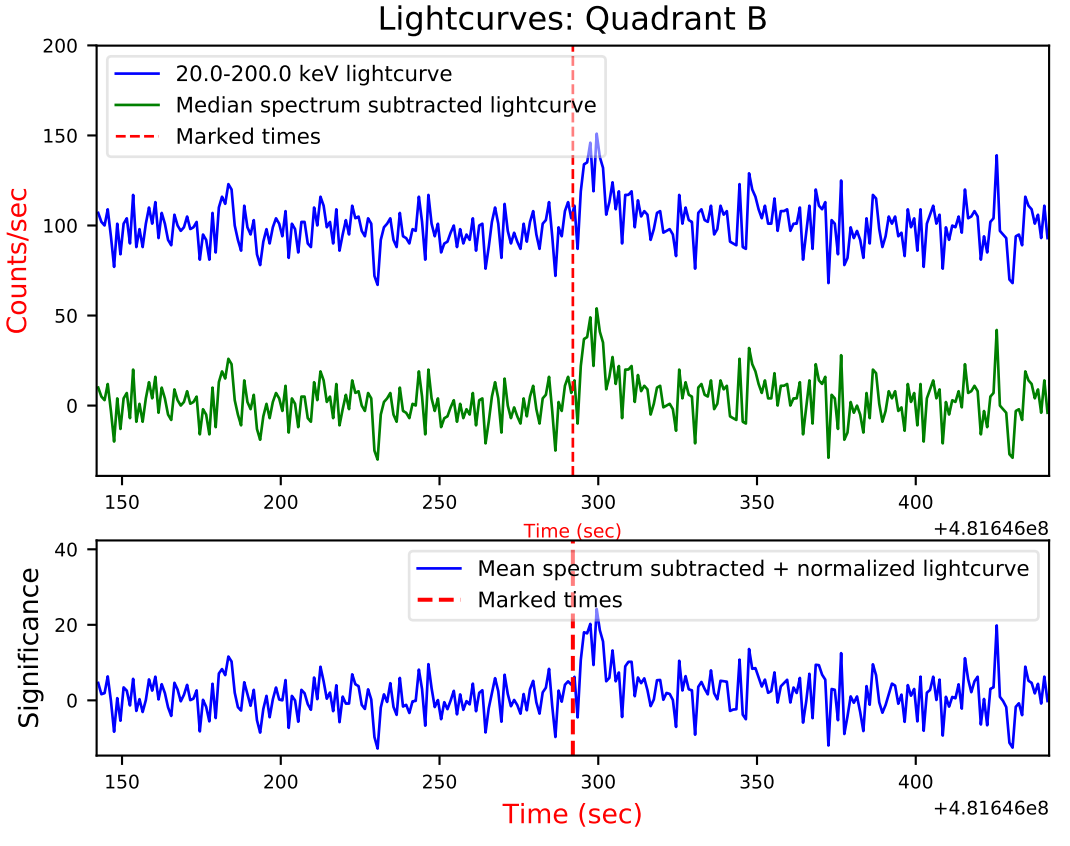

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
+4.81646e8
−10
0
10
Strength/keV
Strength/sec
Marked times
40
20
0
−20
−40
50
100
bins

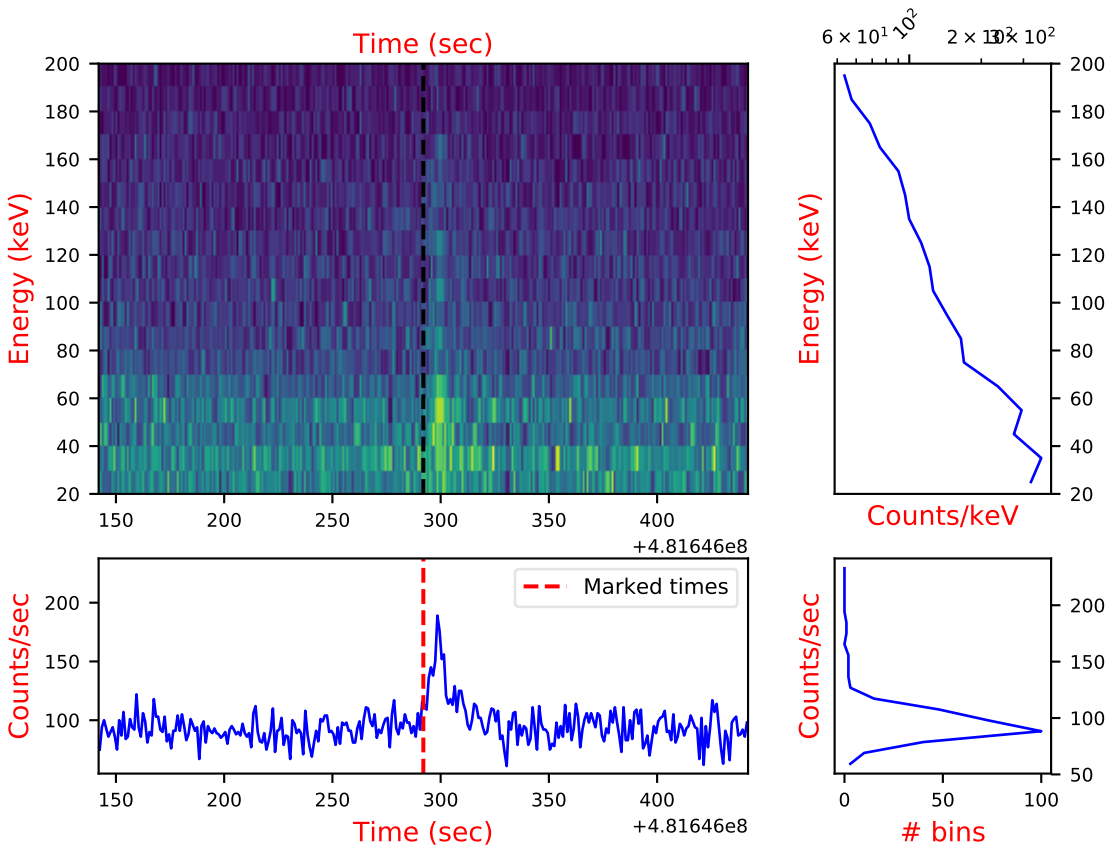

Lightcurves: Quadrant A
Counts/sec
200
150
100
50
0
−50
−100
150
200
250
300
350
400
Time (sec)
+4.81646e8
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Significance
40
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+4.81646e8

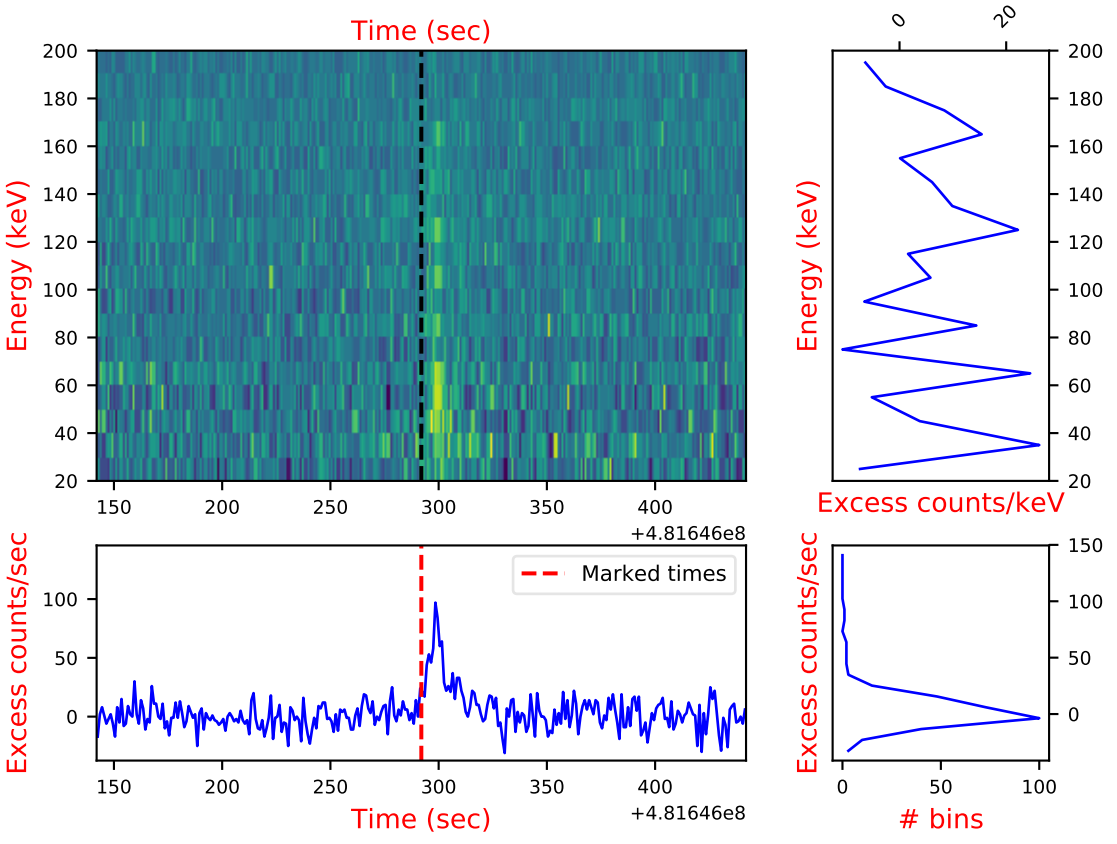

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
+4.81646e8
Counts/sec
175
150
125
100
75
Marked times
Time (sec)
+4.81646e8
10^2
2×10^2
3×10^2
Energy (keV)
Counts/keV
Counts/sec
0
50
bins

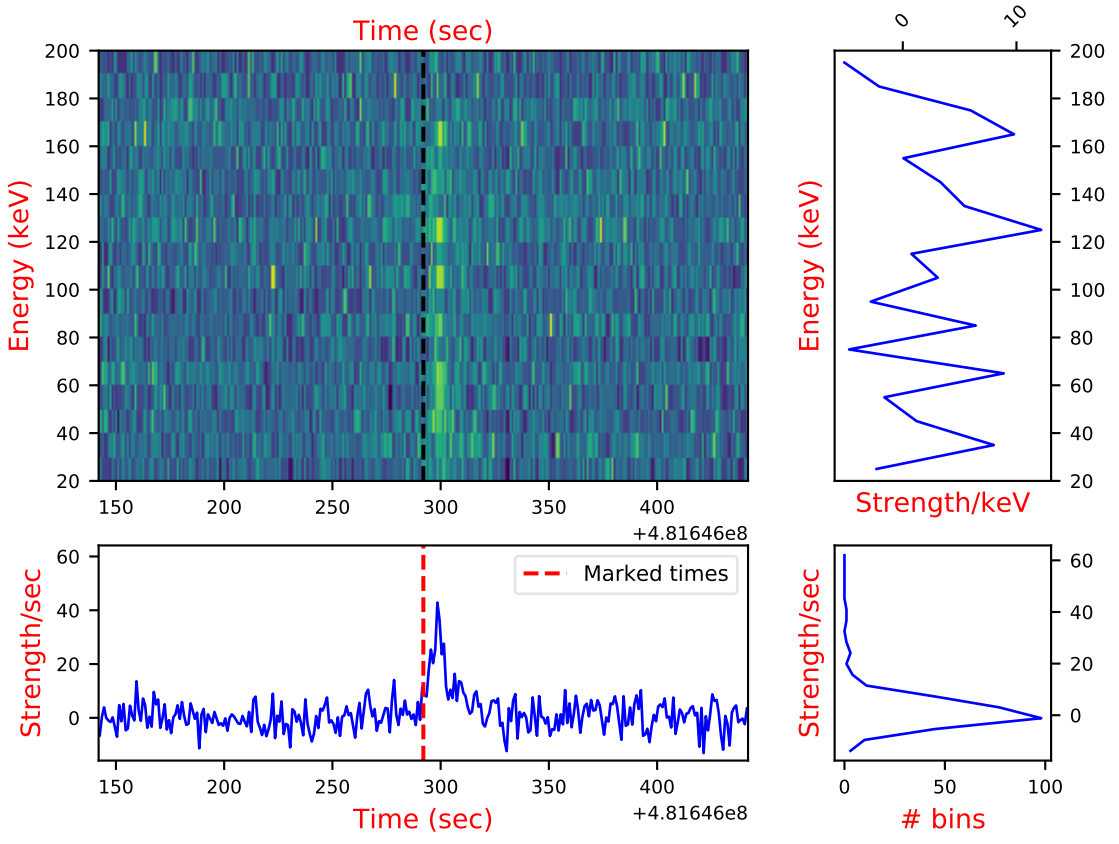

CZT Quadrant B
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+4.81646e8
bins

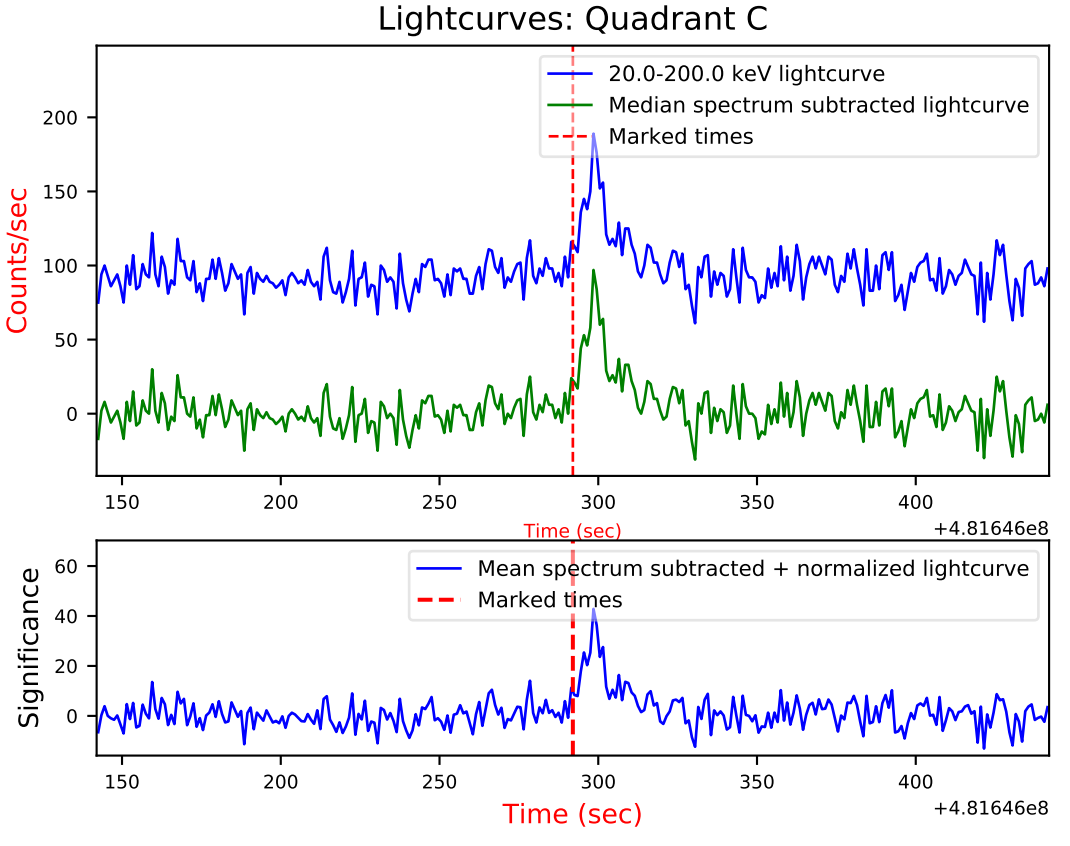

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
+4.81646e8
0
10
Strength/keV
Strength/sec
Marked times
20
0
Time (sec)
+4.81646e8
50
bins

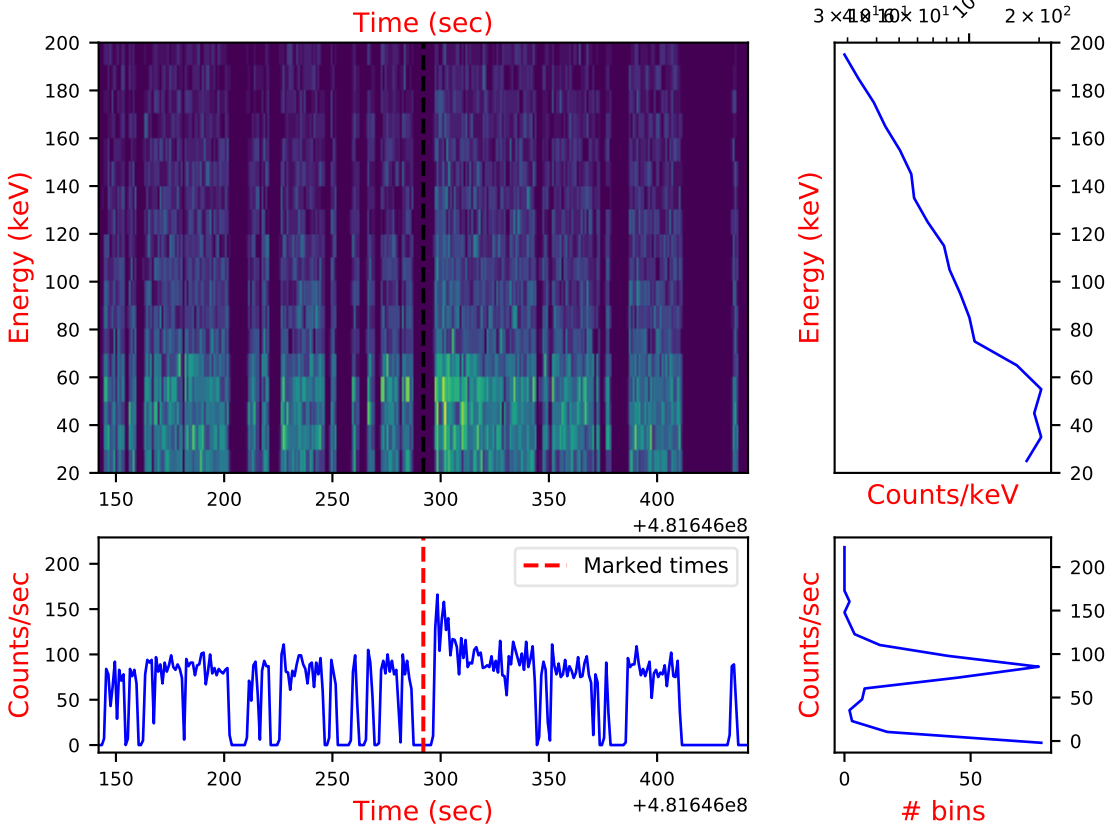

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
150
200
250
300
350
400
Time (sec)
+4.81646e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
150
200
250
300
350
400
Time (sec)
+4.81646e8

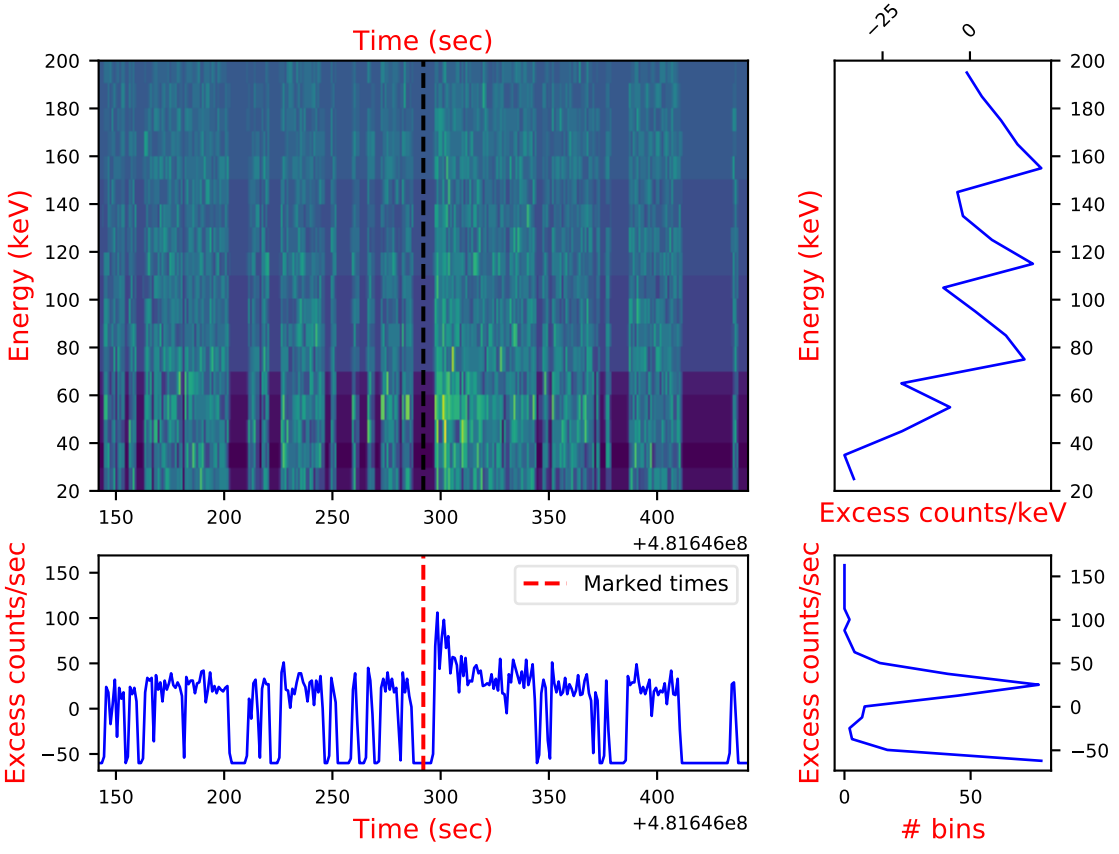

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
+4.81646e8

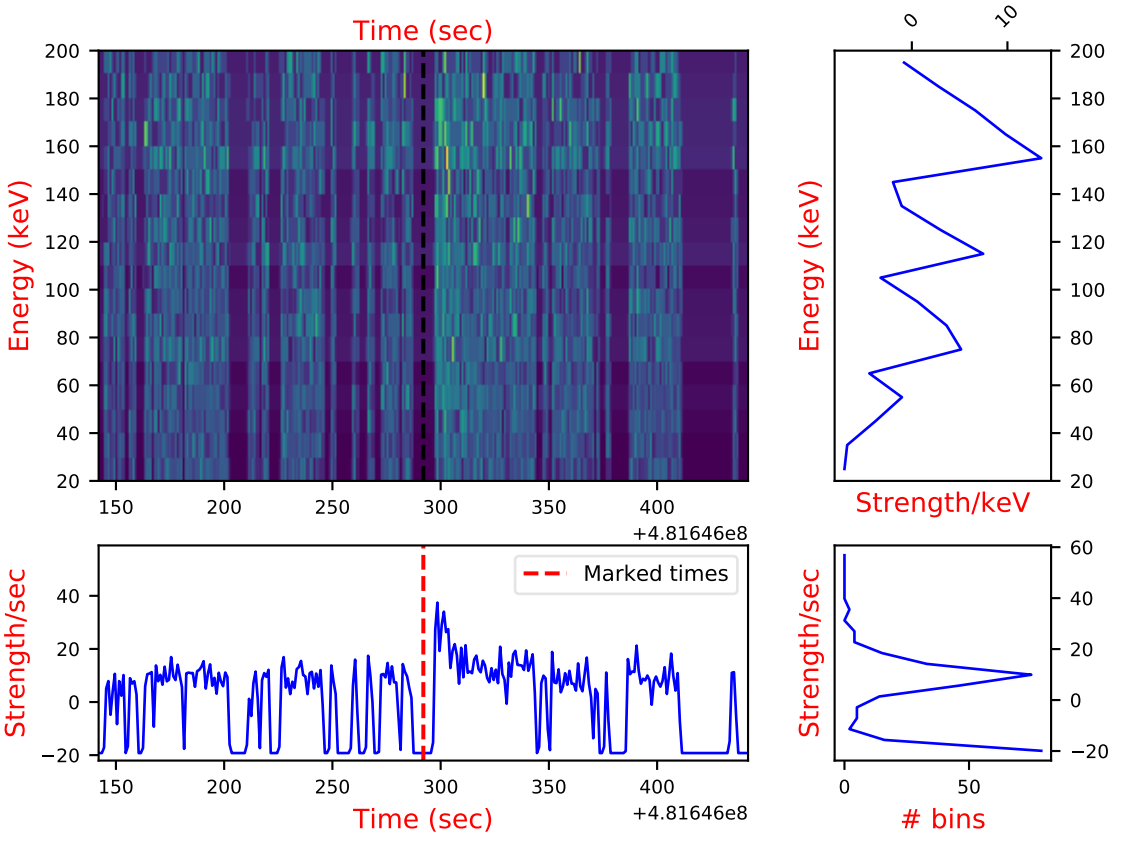

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
0
20
Energy (keV)
Excess counts/keV
+4.81646e8
Excess counts/sec
Marked times
100
50
0
Time (sec)
+4.81646e8
Excess counts/sec
bins

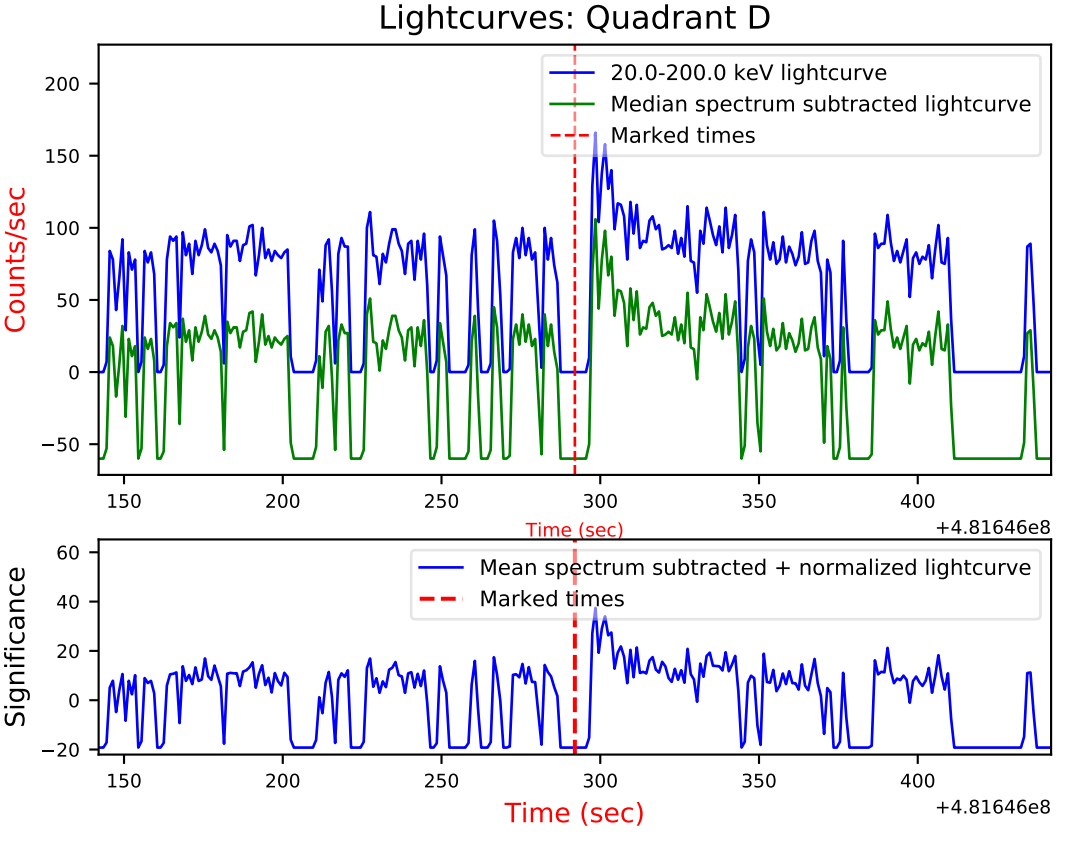

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
+4.81646e8
0
10
Strength/keV
Strength/sec
60
40
20
0
Marked times
Time (sec)
+4.81646e8
50
100
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
150
200
250
300
350
400
Time (sec)
+4.81646e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
60
40
20
0
150
200
250
300
350
400
Time (sec)
+4.81646e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.81646e8


CZT Quadrant D
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+4.81646e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
150
200
250
300
350
400
+4.81646e8
0
10
Strength/keV
Strength/sec
Marked times
60
40
20
0
−20
50
bins
Time (sec)
+4.81646e8


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
150
200
250
300
350
400
Time (sec)
+4.81646e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
60
40
20
0
−20
150
200
250
300
350
400
Time (sec)
+4.81646e8