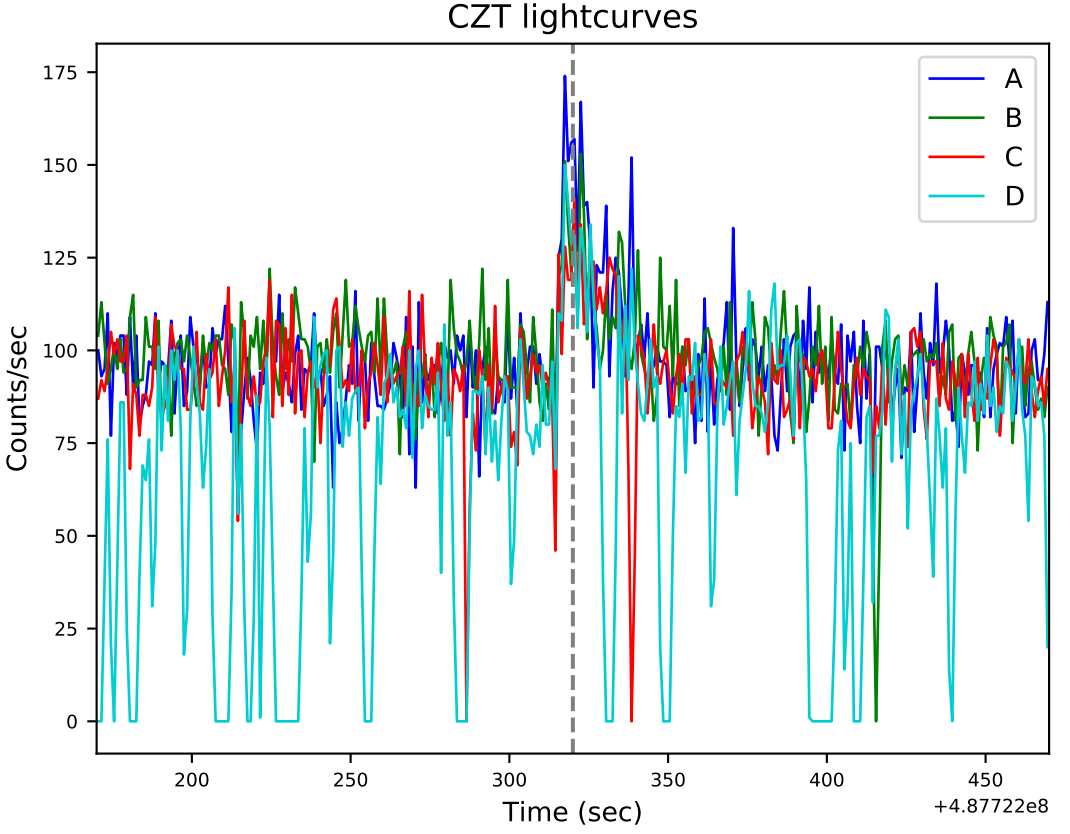
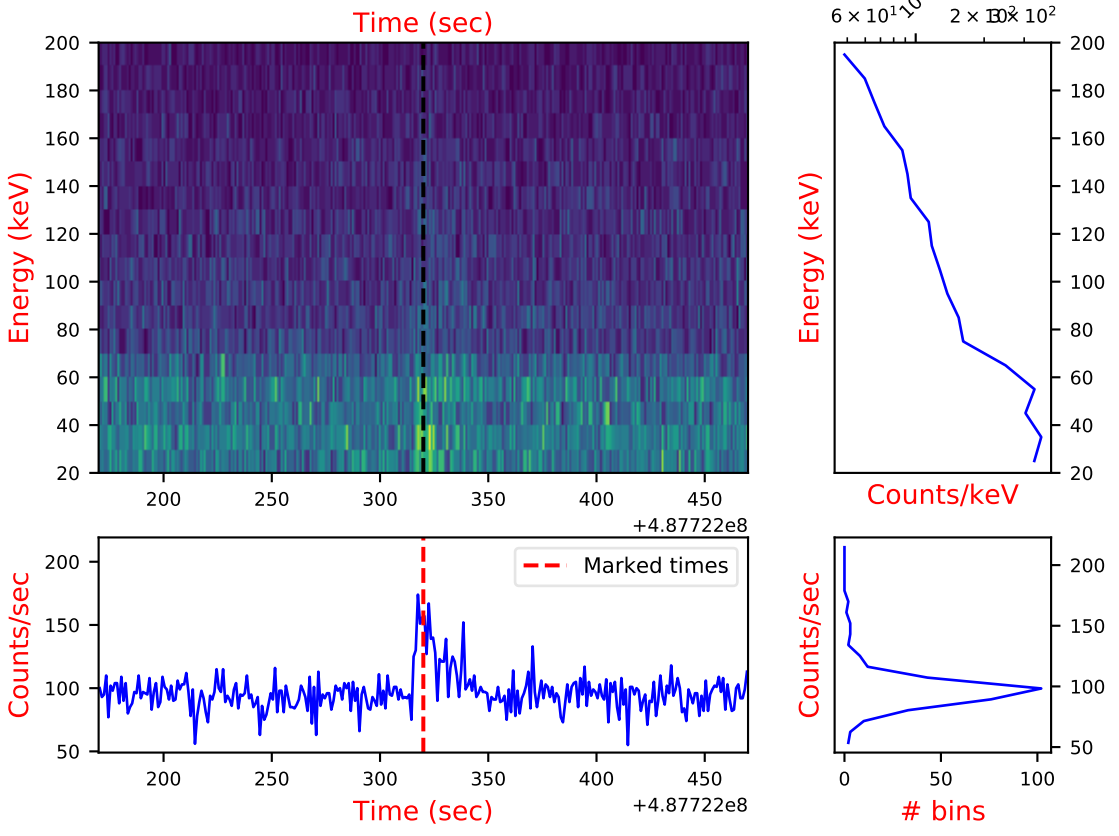
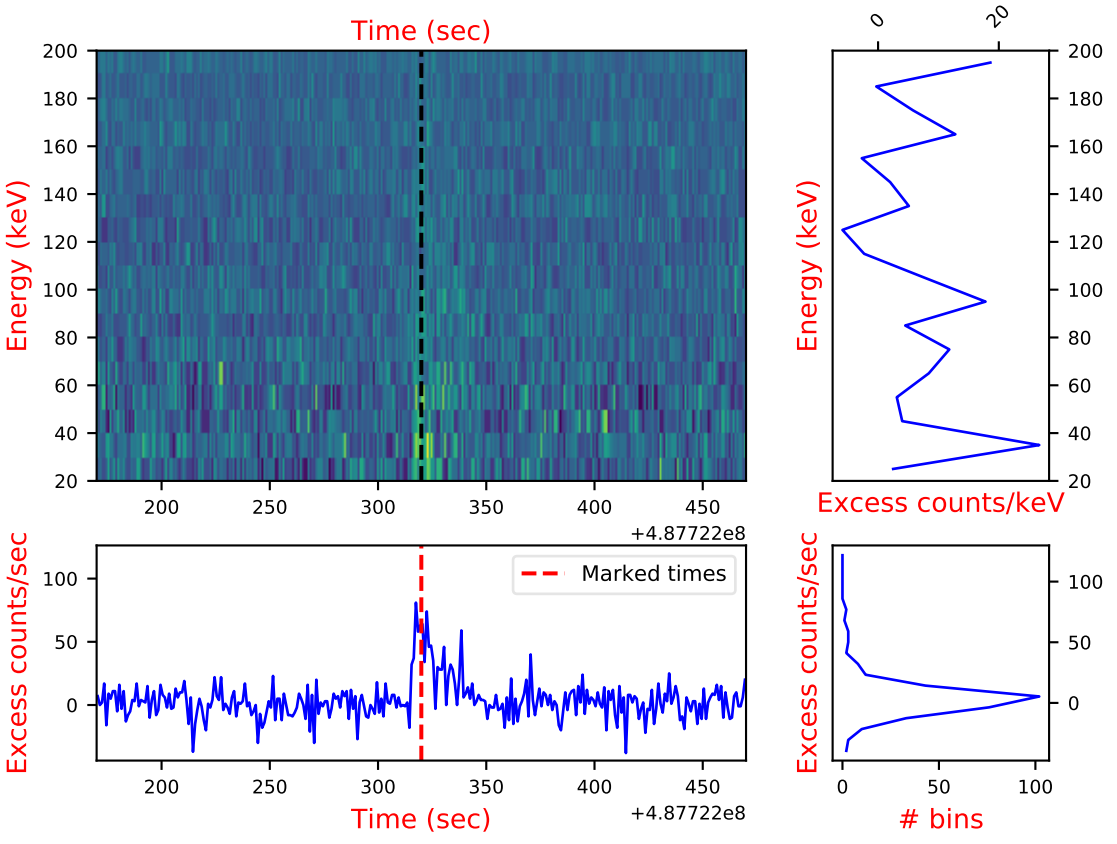
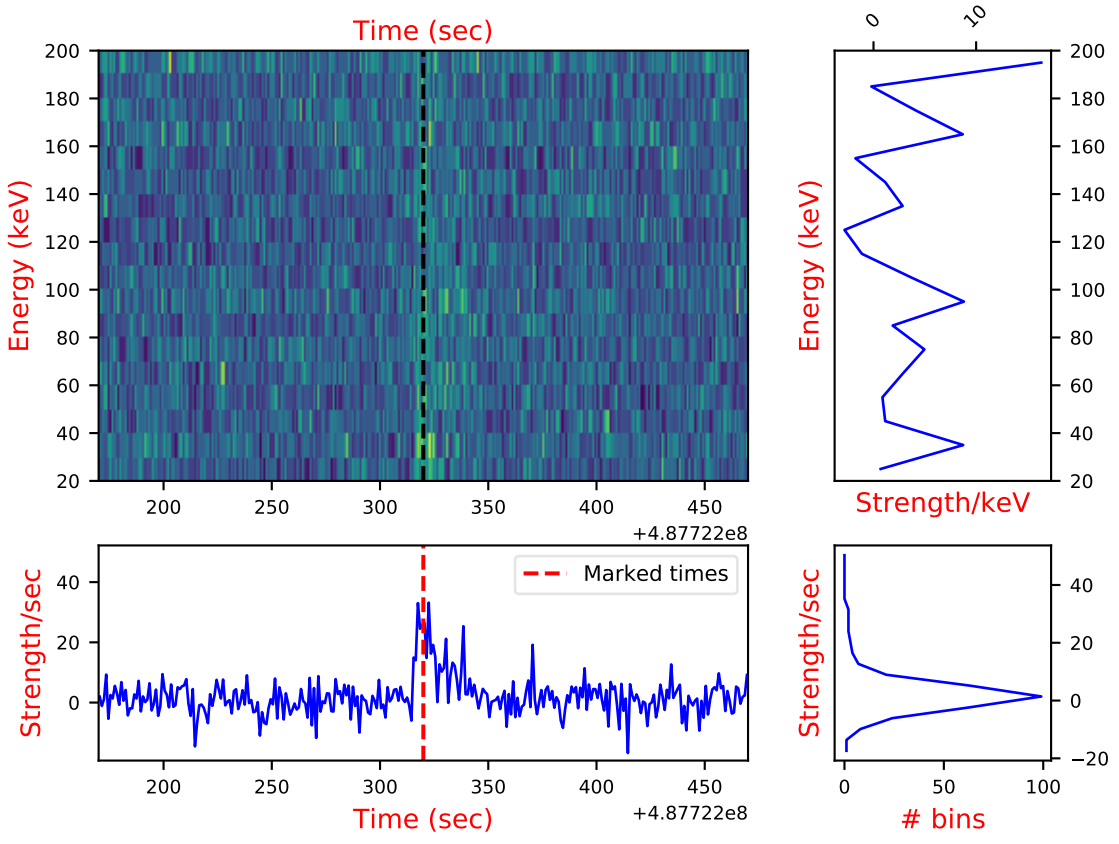
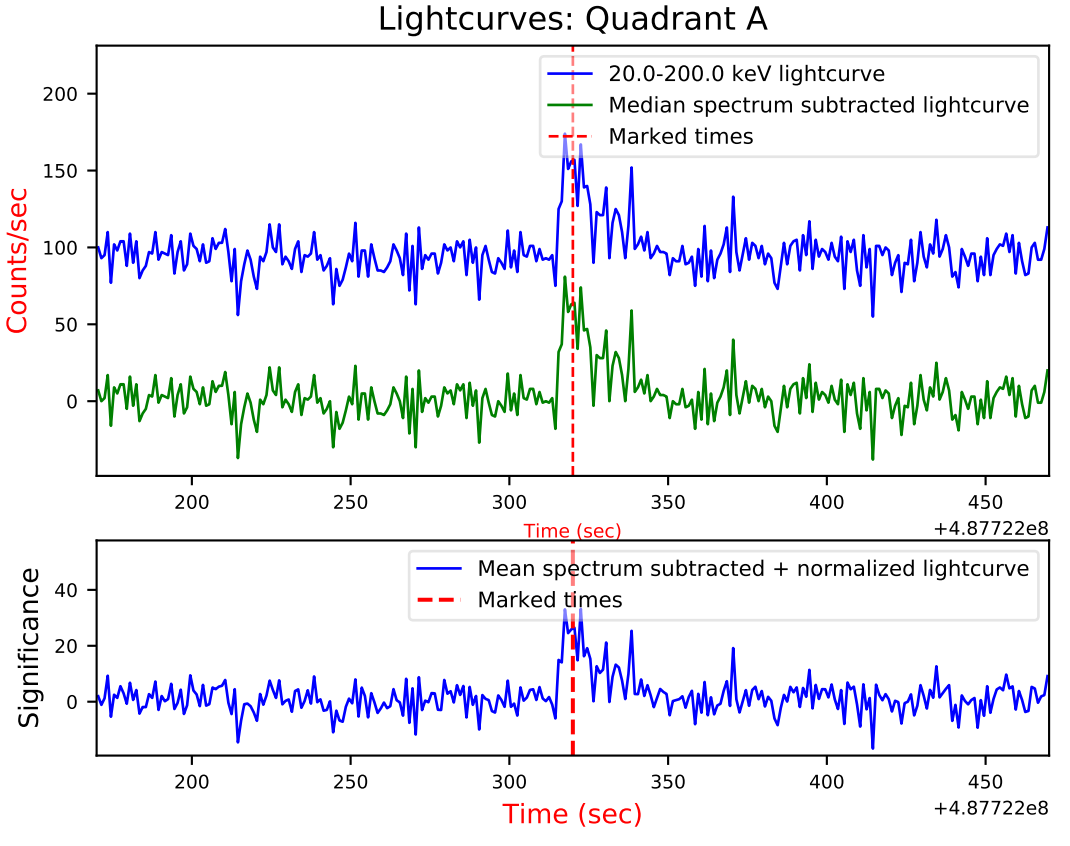
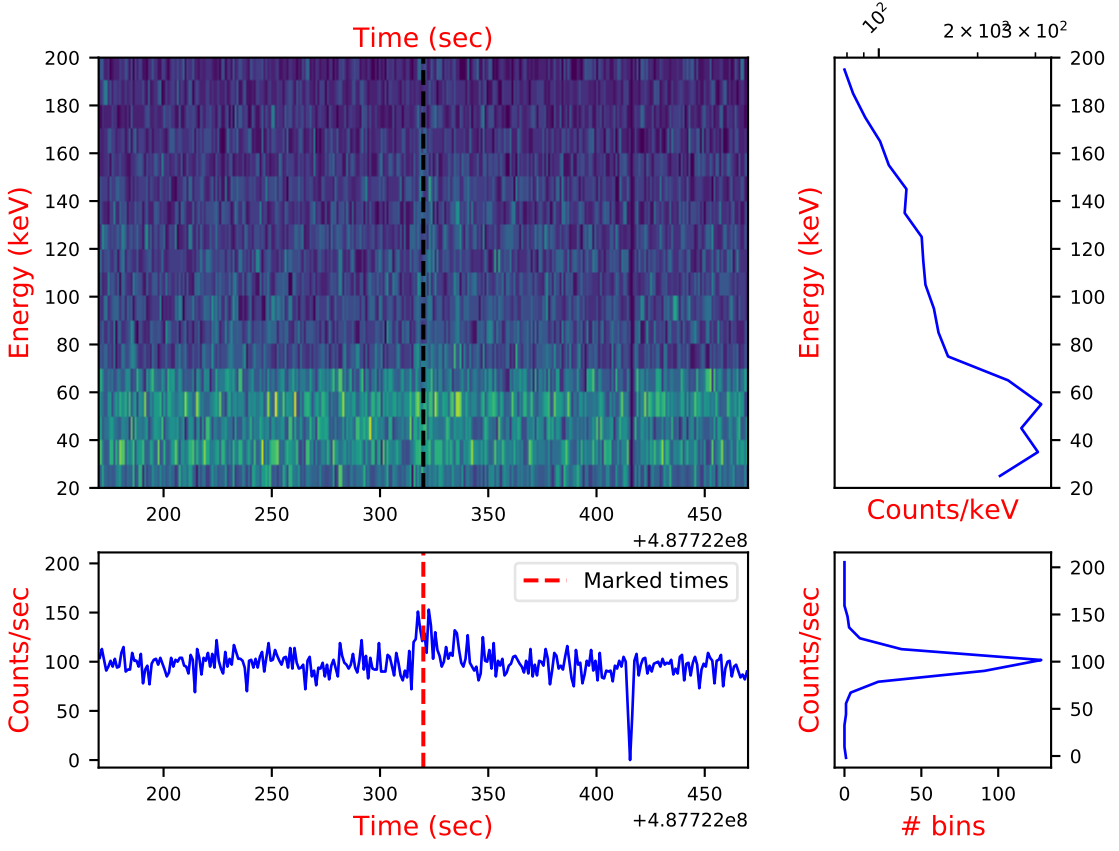

CZT lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.87722e8
0
25
50
75
100
125
150
175
200
250
300
350
400
450

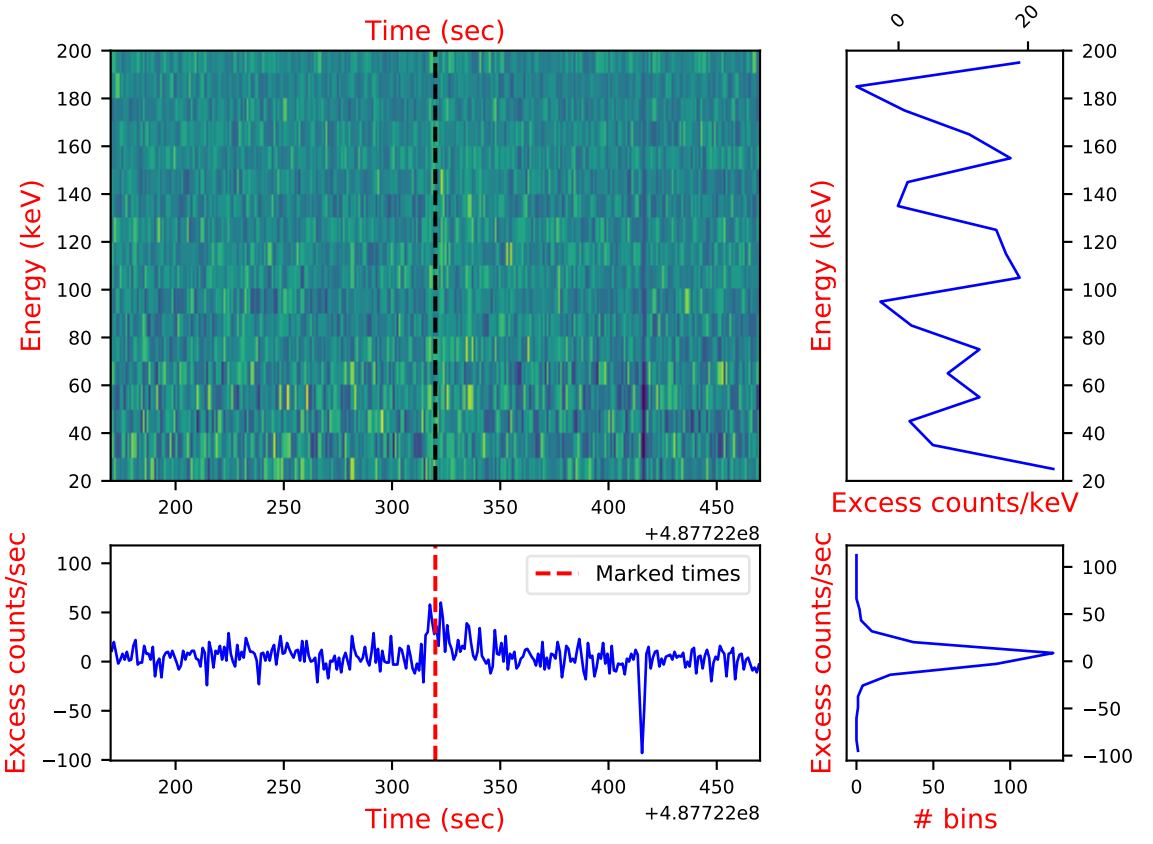

CZT Quadrant A
Time (sec)
Energy (keV)
+4.87722e8
Counts/keV
Marked times
Counts/sec
Time (sec)
+4.87722e8
Counts/sec
bins

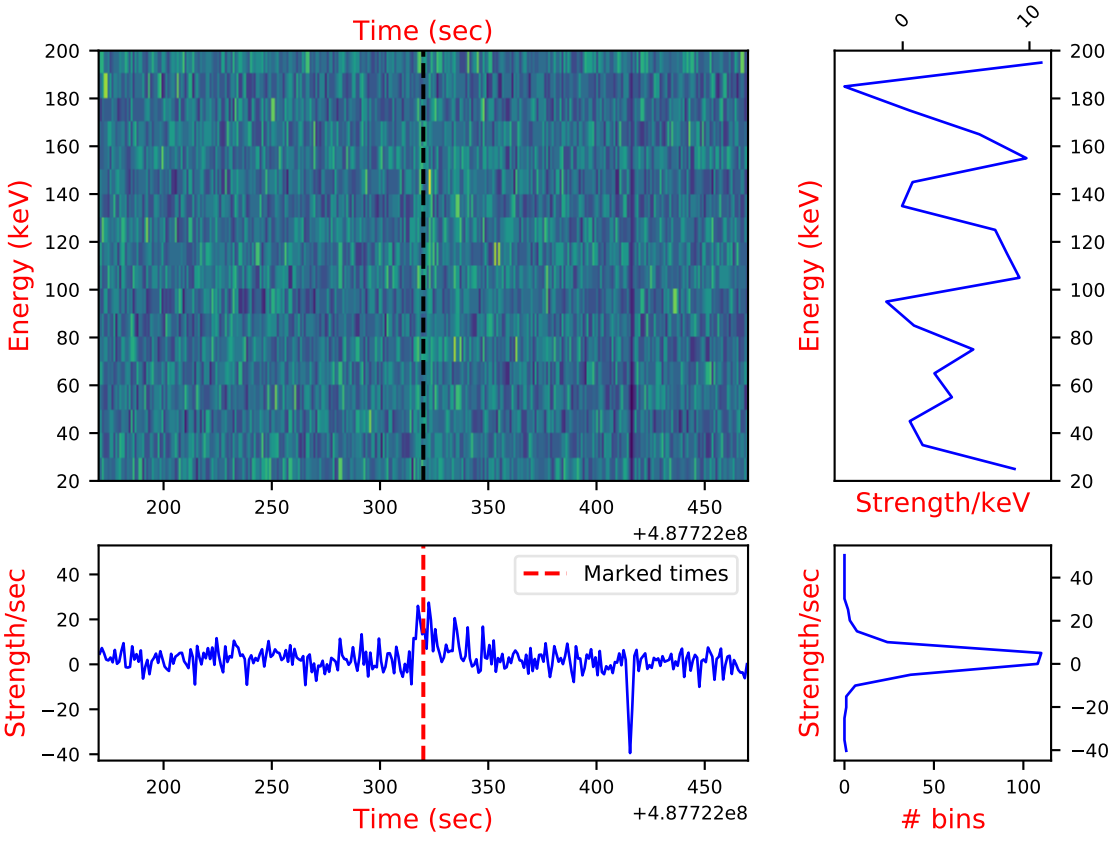

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
0
20
Energy (keV)
Excess counts/keV
+4.87722e8
Excess counts/sec
100
50
0
Marked times
Time (sec)
bins


CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.87722e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
bins
50
100

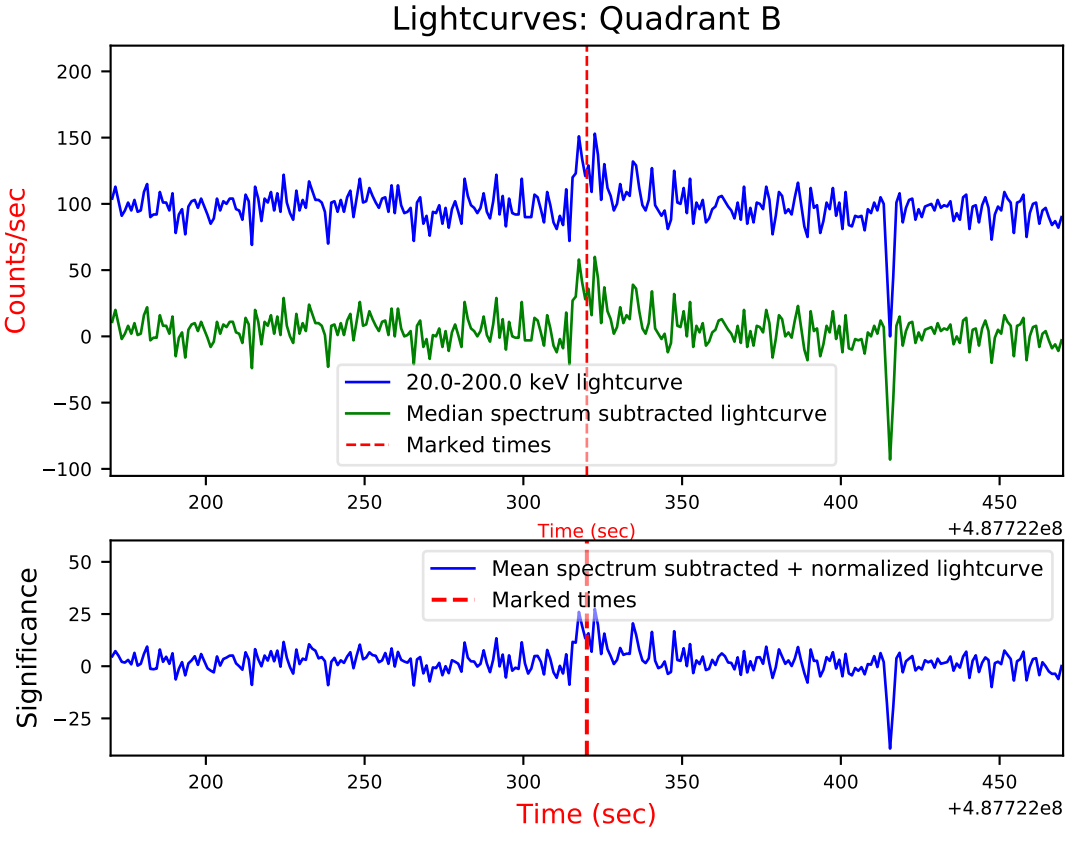

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
200
250
300
350
400
450
Time (sec)
+4.87722e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
200
250
300
350
400
450
Time (sec)
+4.87722e8

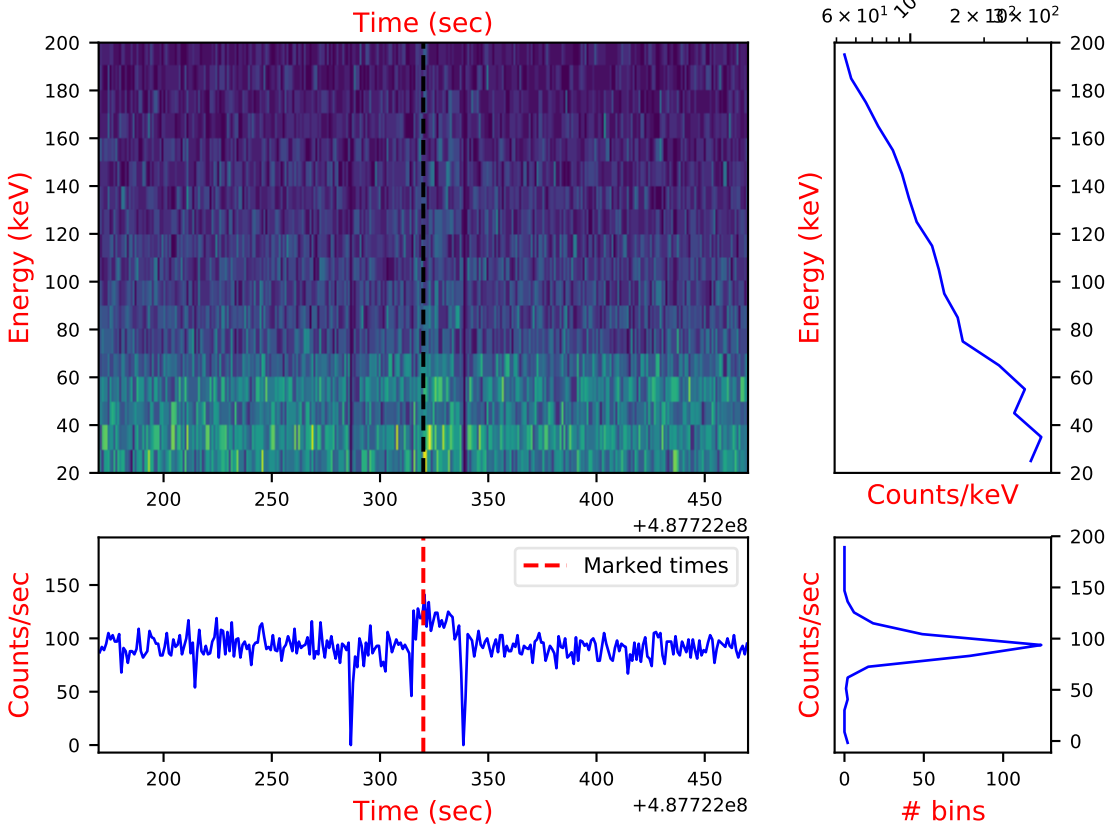

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.87722e8
bins

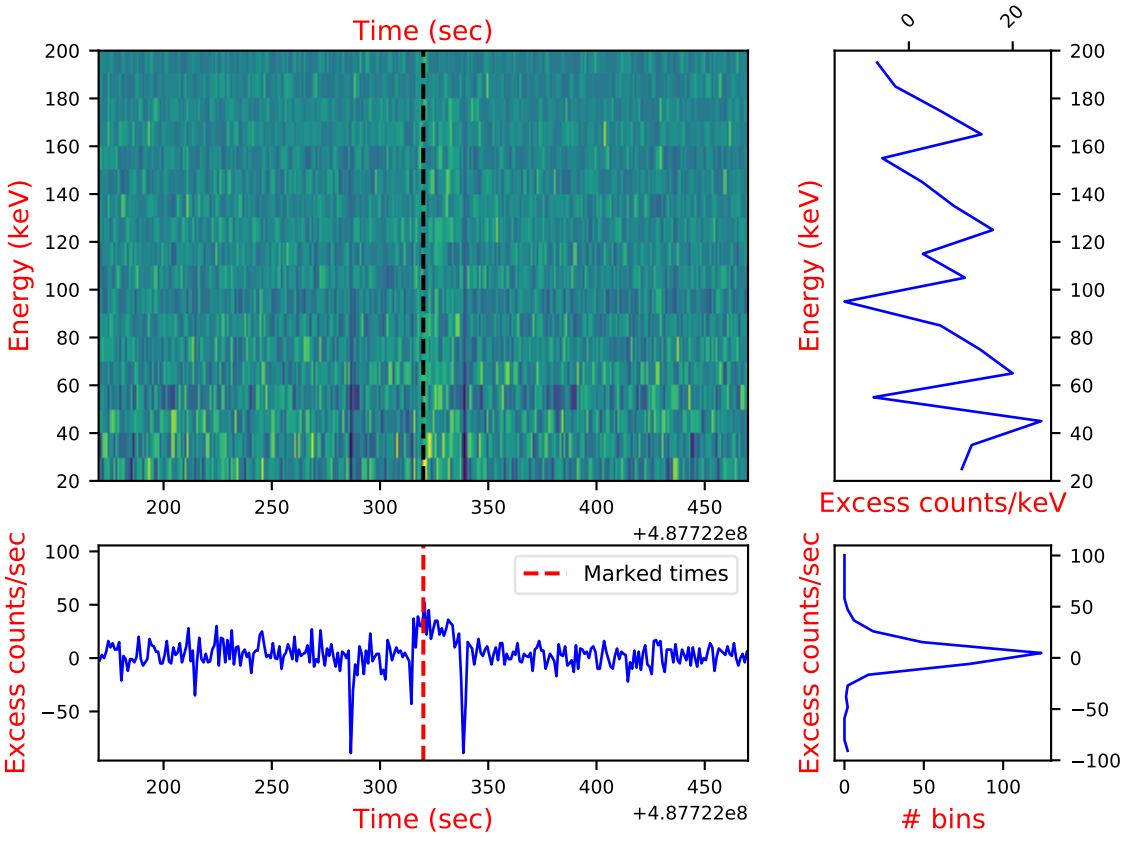

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.87722e8
0
20
Excess counts/keV
Excess counts/sec
100
50
0
−50
−100
Marked times
Time (sec)
bins

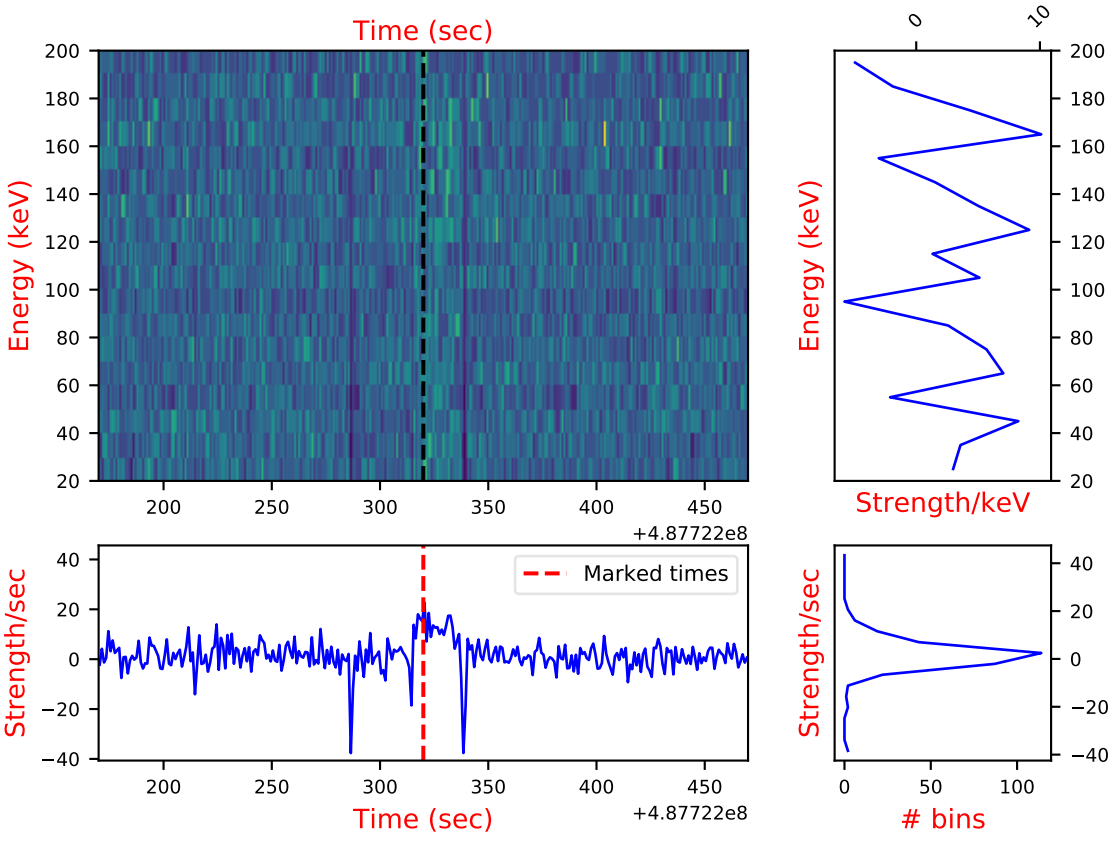


CZT Quadrant B
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
+4.87722e8
bins

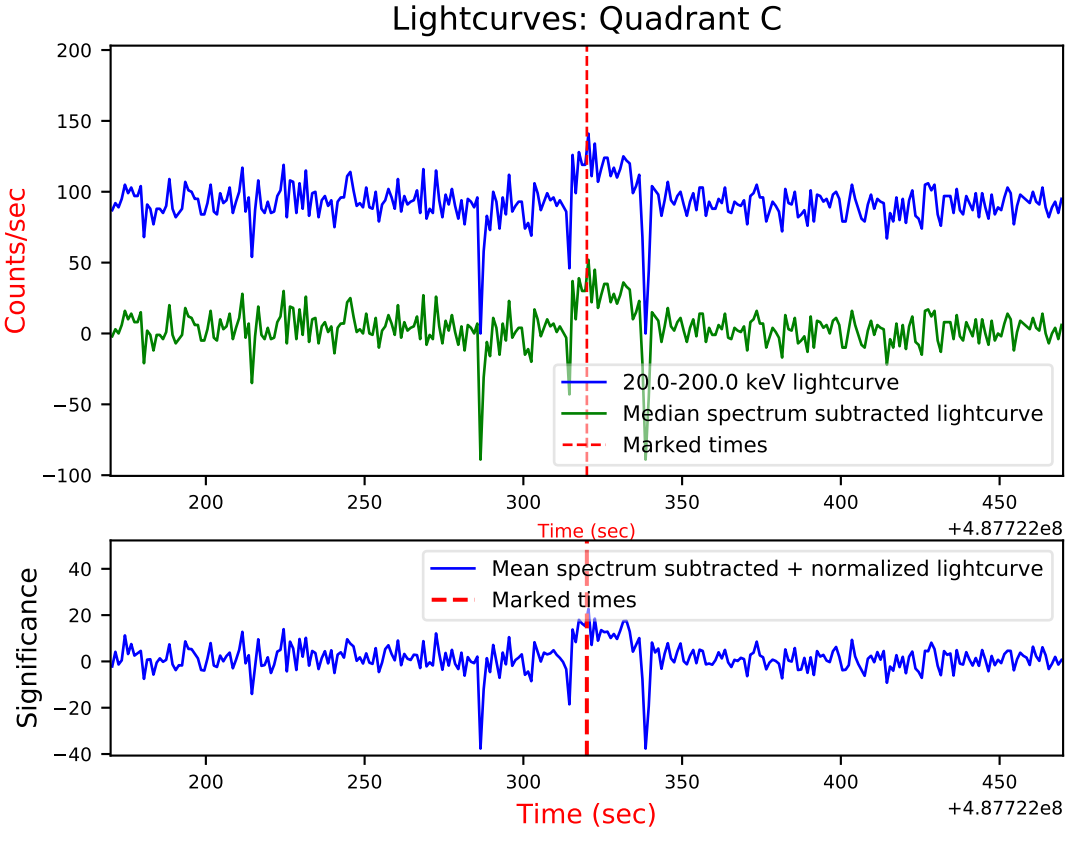

Lightcurves: Quadrant B
Counts/sec
200
150
100
50
0
−50
−100
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
200
250
300
350
400
450
Time (sec)
+4.87722e8
Significance
50
25
0
−25
Mean spectrum subtracted + normalized lightcurve
Marked times
200
250
300
350
400
450
Time (sec)
+4.87722e8

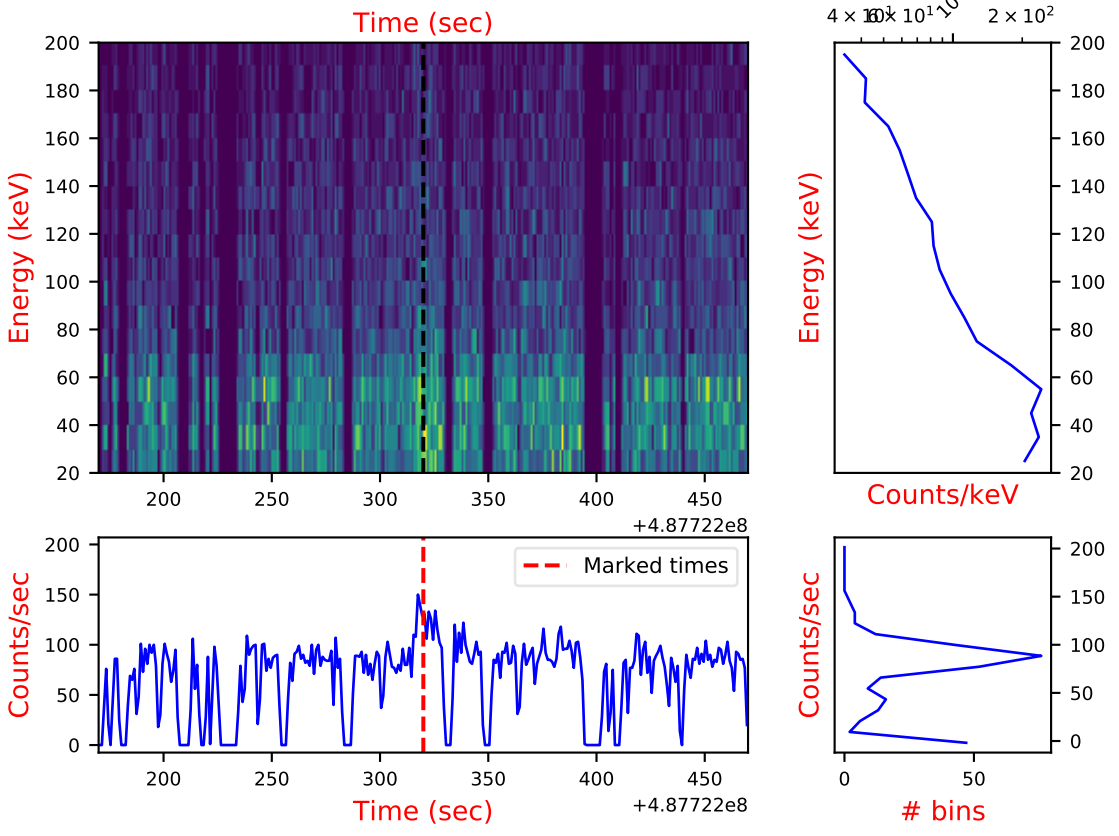

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.87722e8
Counts/sec
150
100
50
0
Marked times
Time (sec)
+4.87722e8
6×10^1
10^2
2×10^2
3×10^2
Energy (keV)
Counts/keV
Counts/sec
0
50
100
bins

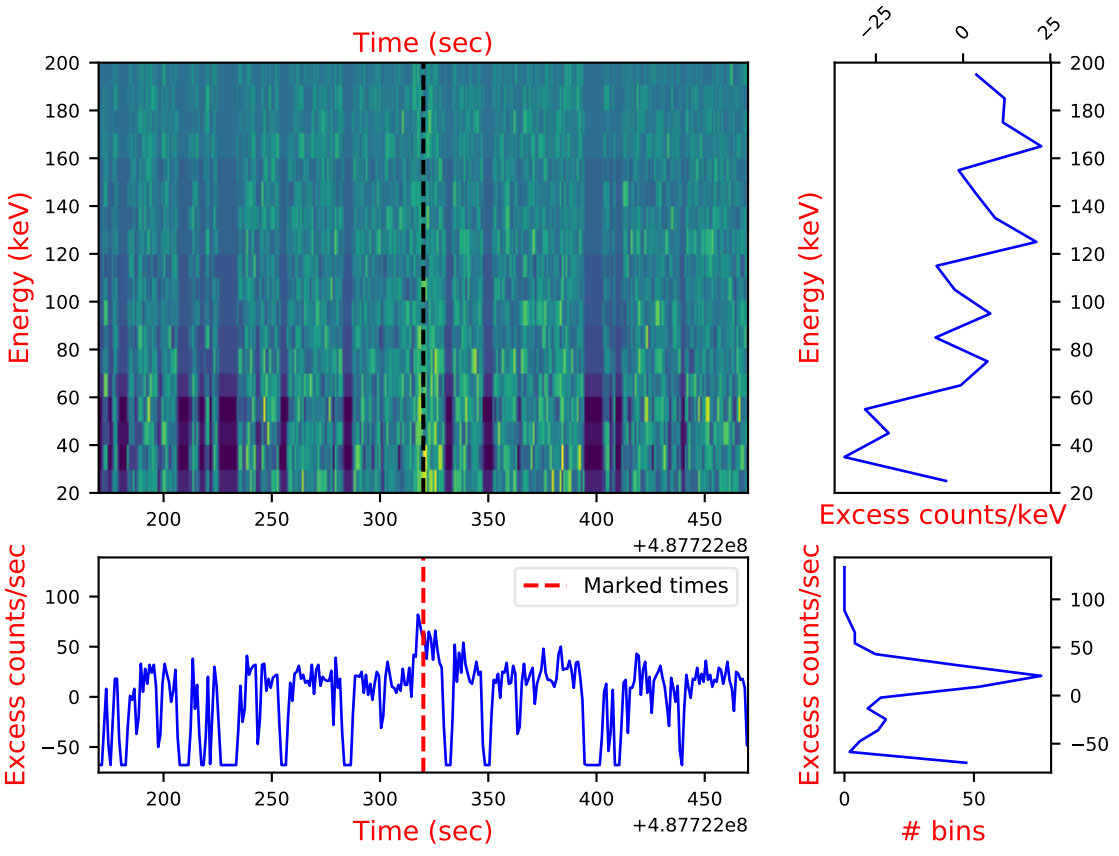

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.87722e8
0
20
Energy (keV)
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
+4.87722e8
Excess counts/sec
−100
0
50
100
bins

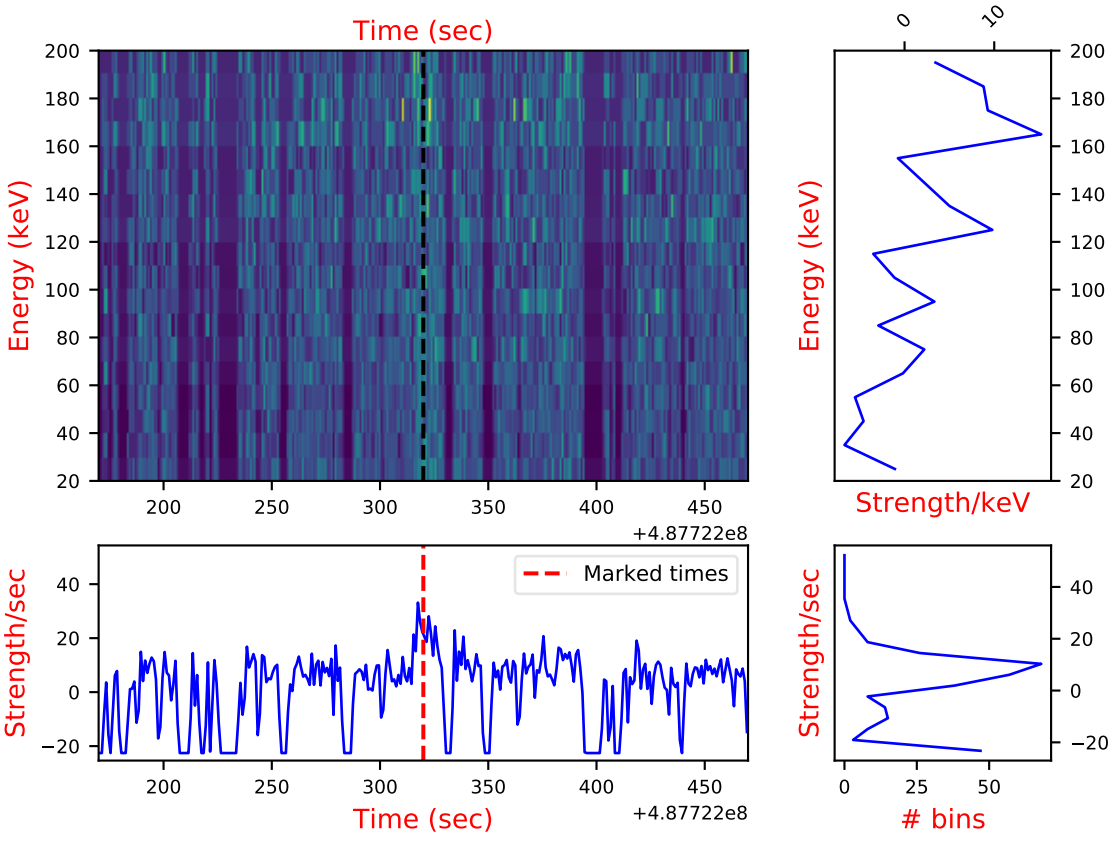


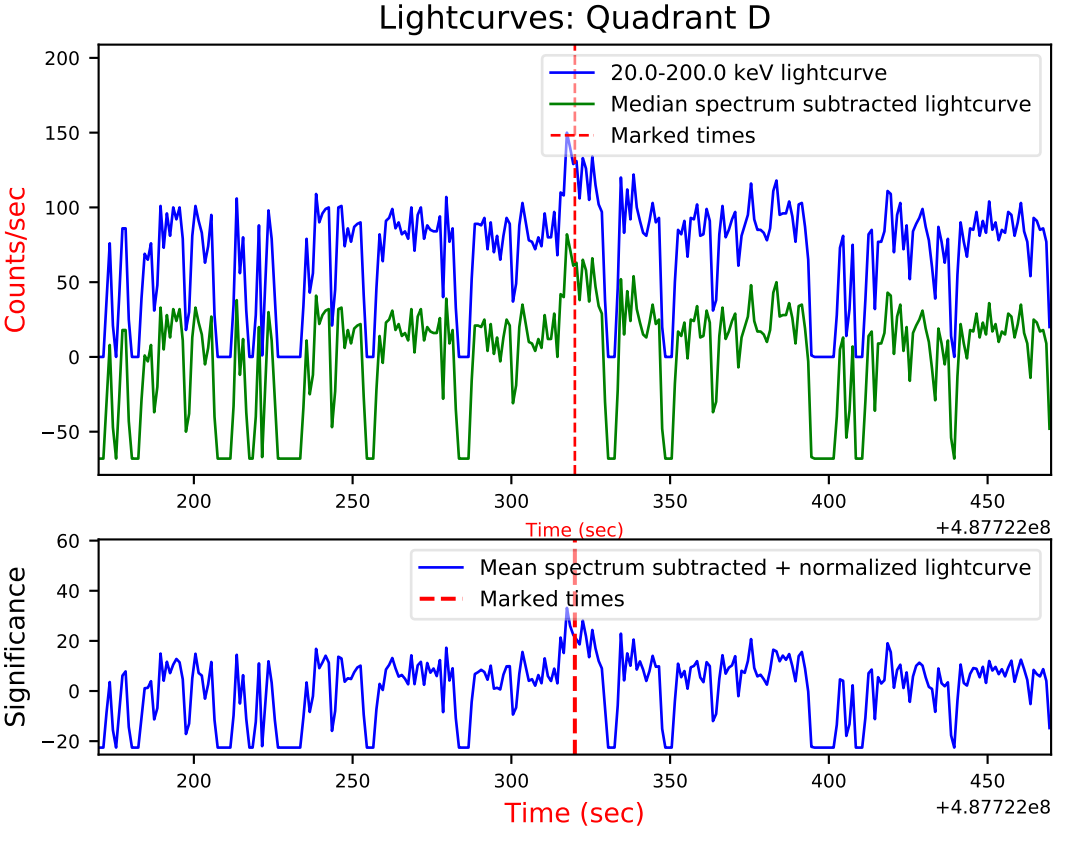
CZT Quadrant C
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
+4.87722e8
bins


Lightcurves: Quadrant C
Counts/sec
200
150
100
50
0
−50
−100
200
250
300
350
400
450
+4.87722e8
Time (sec)
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Significance
40
20
0
−20
−40
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.87722e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
−25
0
25
Excess counts/keV
+4.87722e8
Excess counts/sec
Marked times
100
50
0
−50
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.87722e8
0
10
Strength/keV
Strength/sec
Marked times
Time (sec)
bins
25
50


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
200
250
300
350
400
450
Time (sec)
+4.87722e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
60
40
20
0
−20
200
250
300
350
400
450
Time (sec)
+4.87722e8