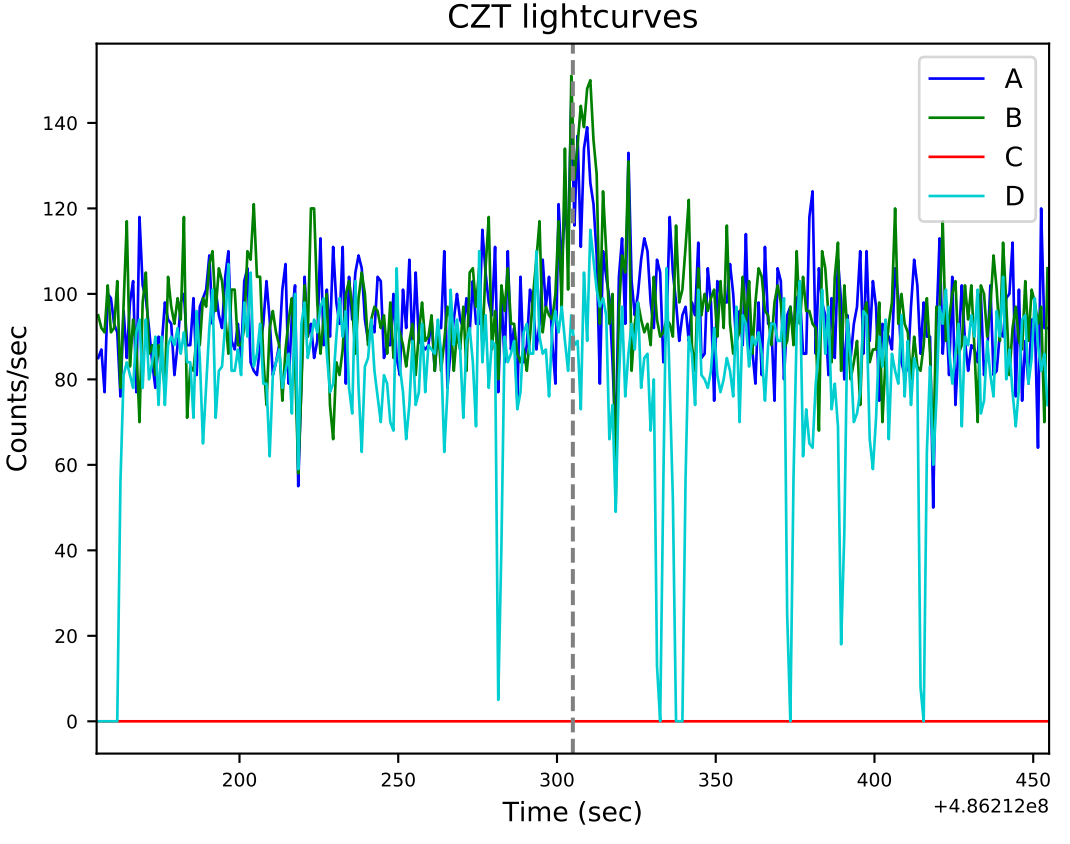
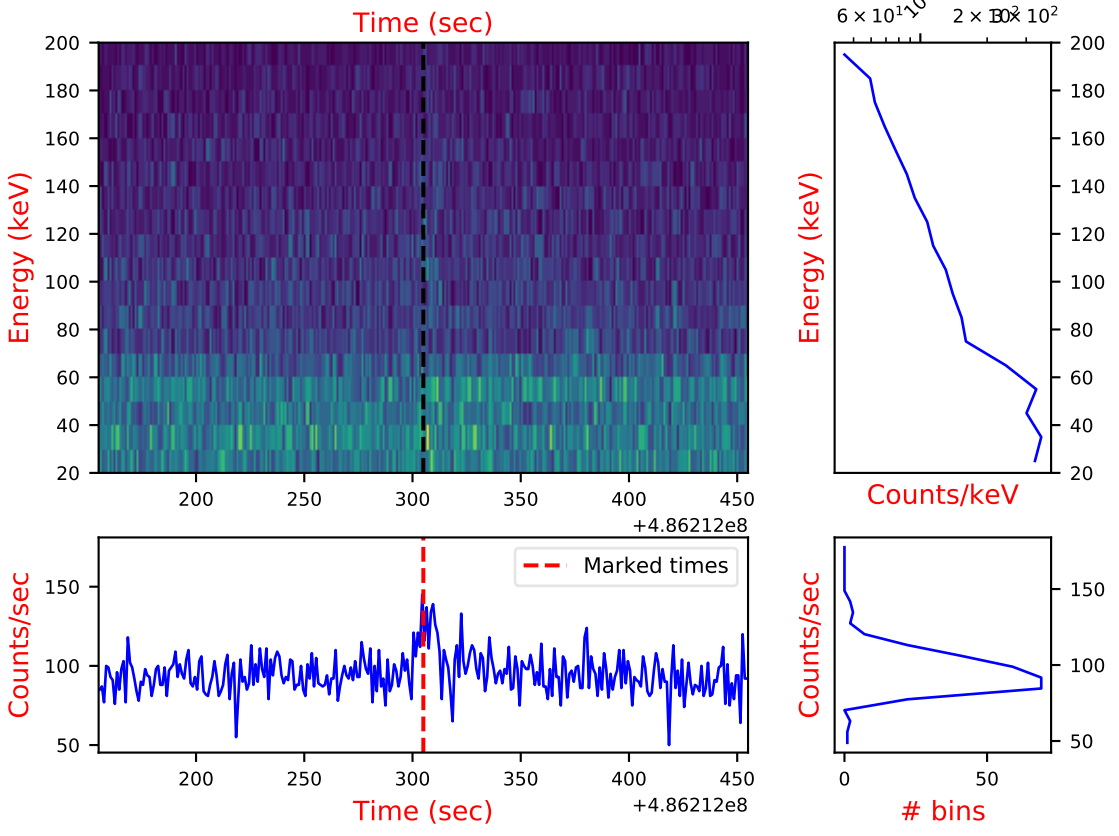
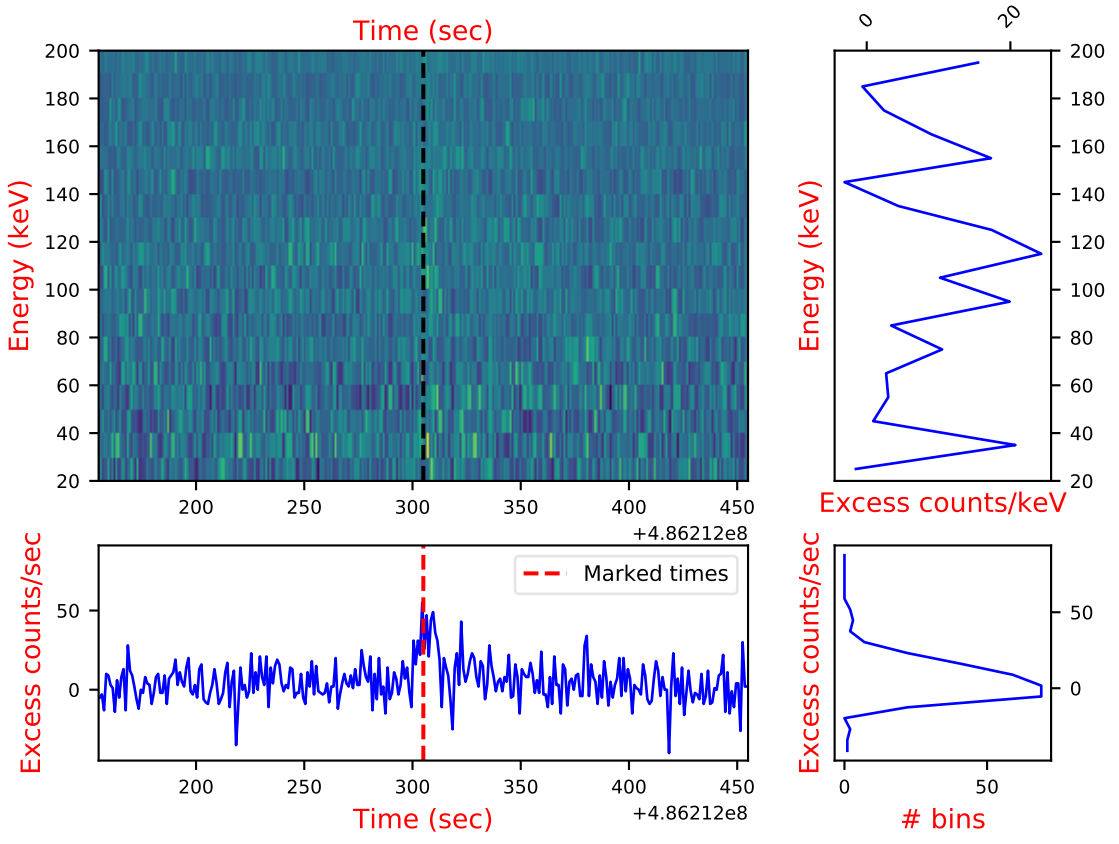
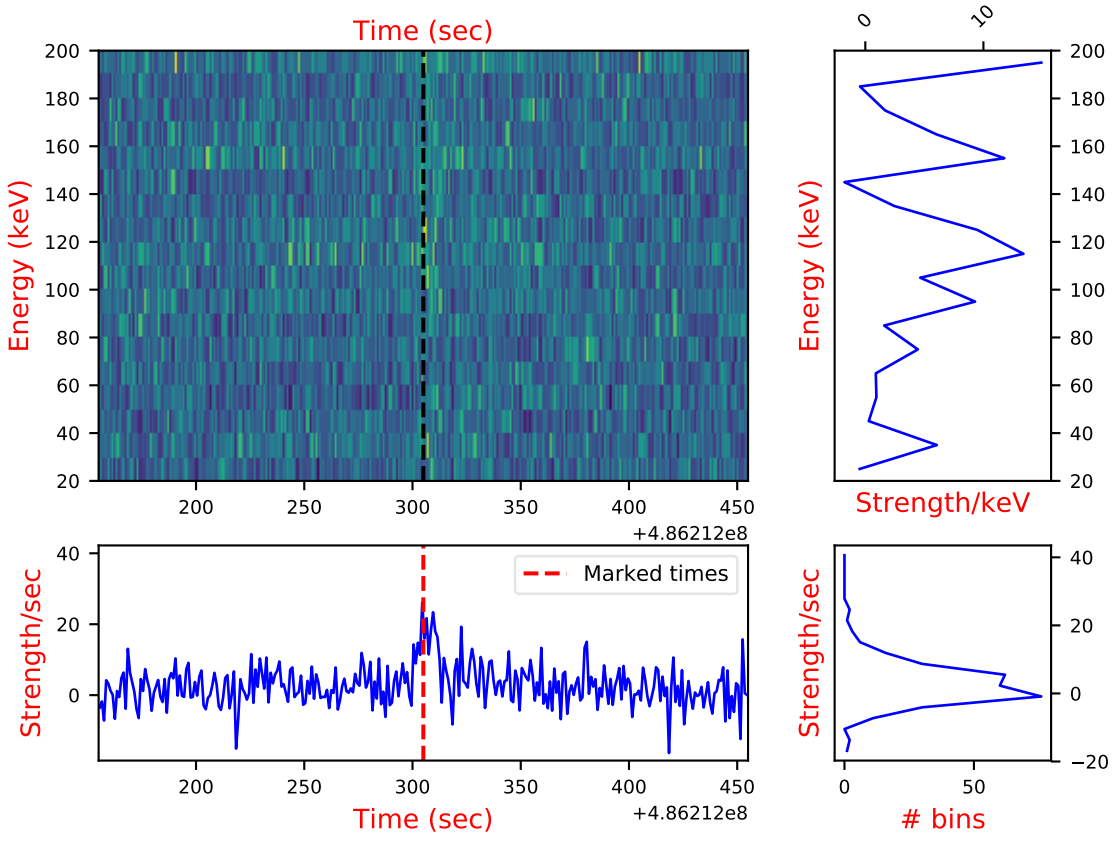
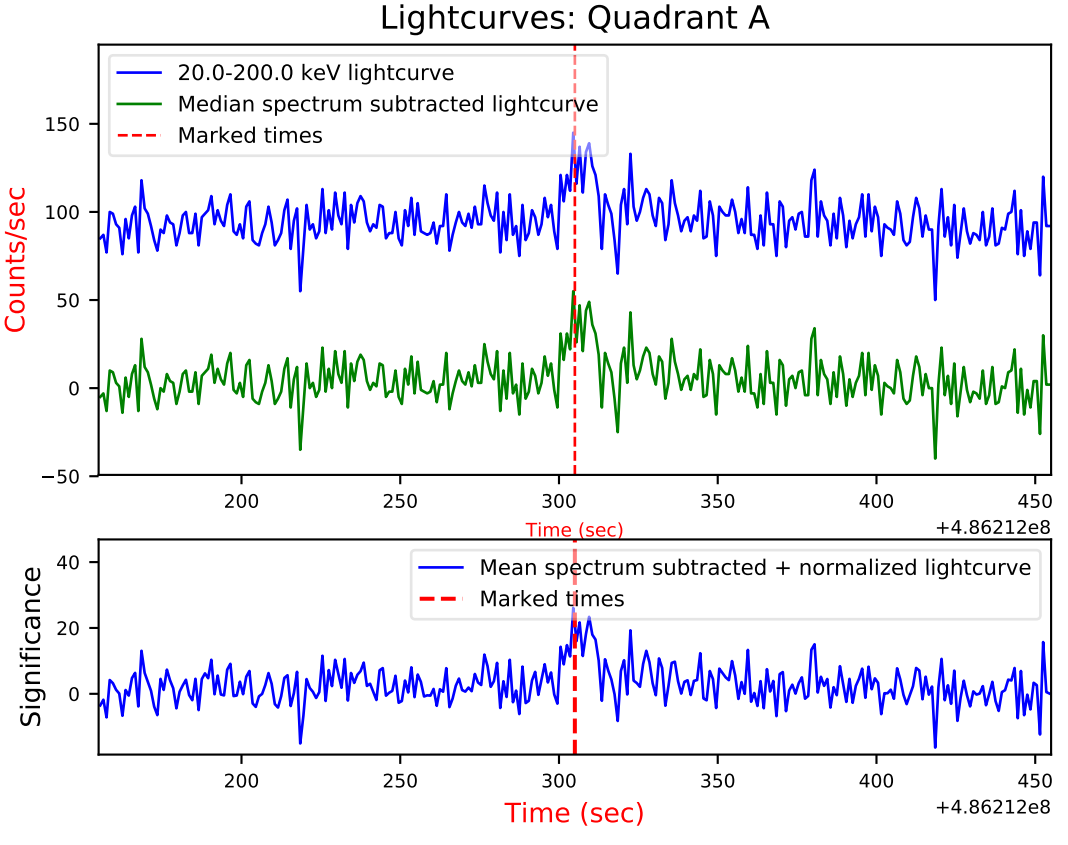
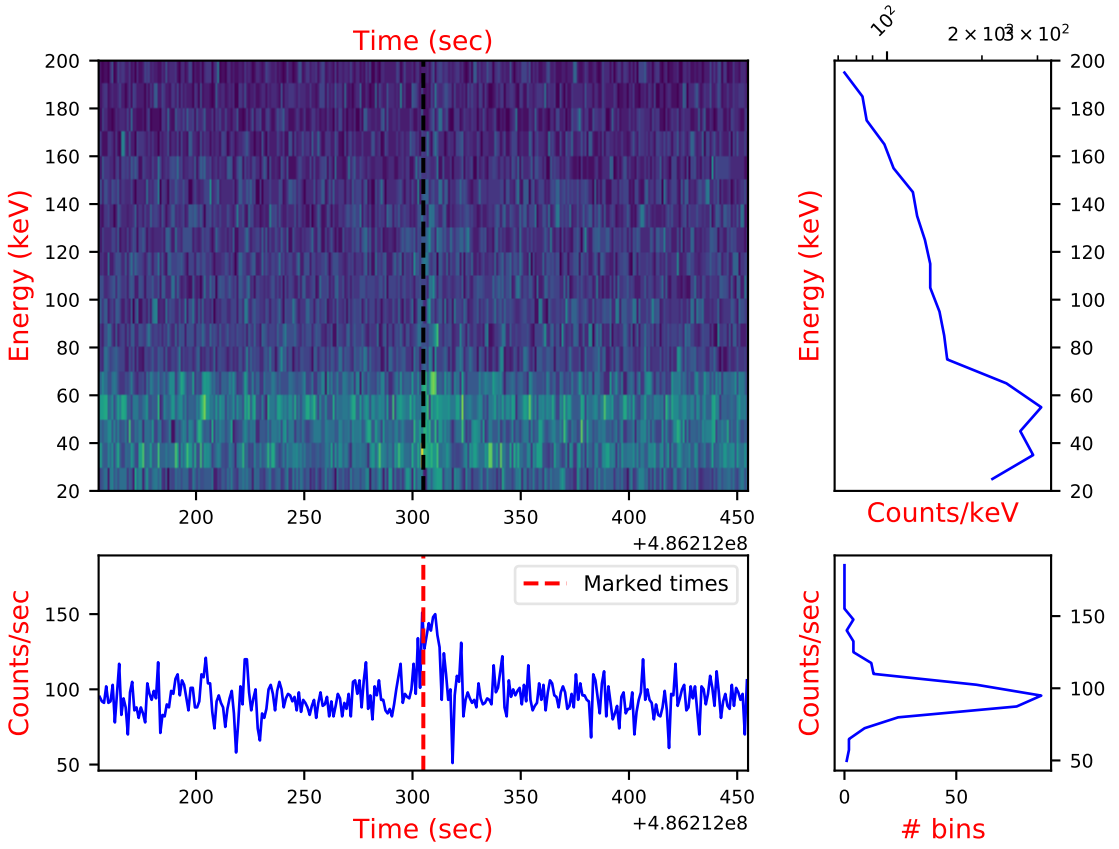

CZT lightcurves
A
B
C
D
Counts/sec
0
20
40
60
80
100
120
140
200
250
300
350
400
450
Time (sec)
+4.86212e8

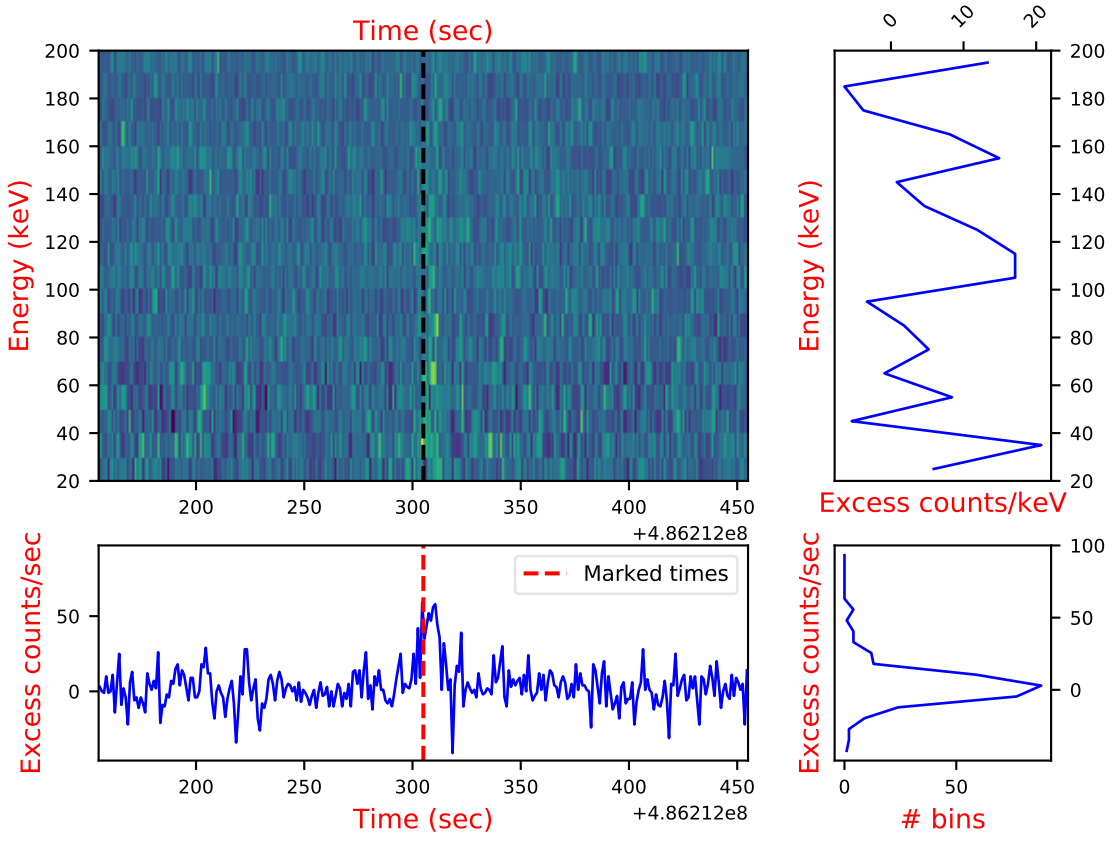

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
+4.86212e8

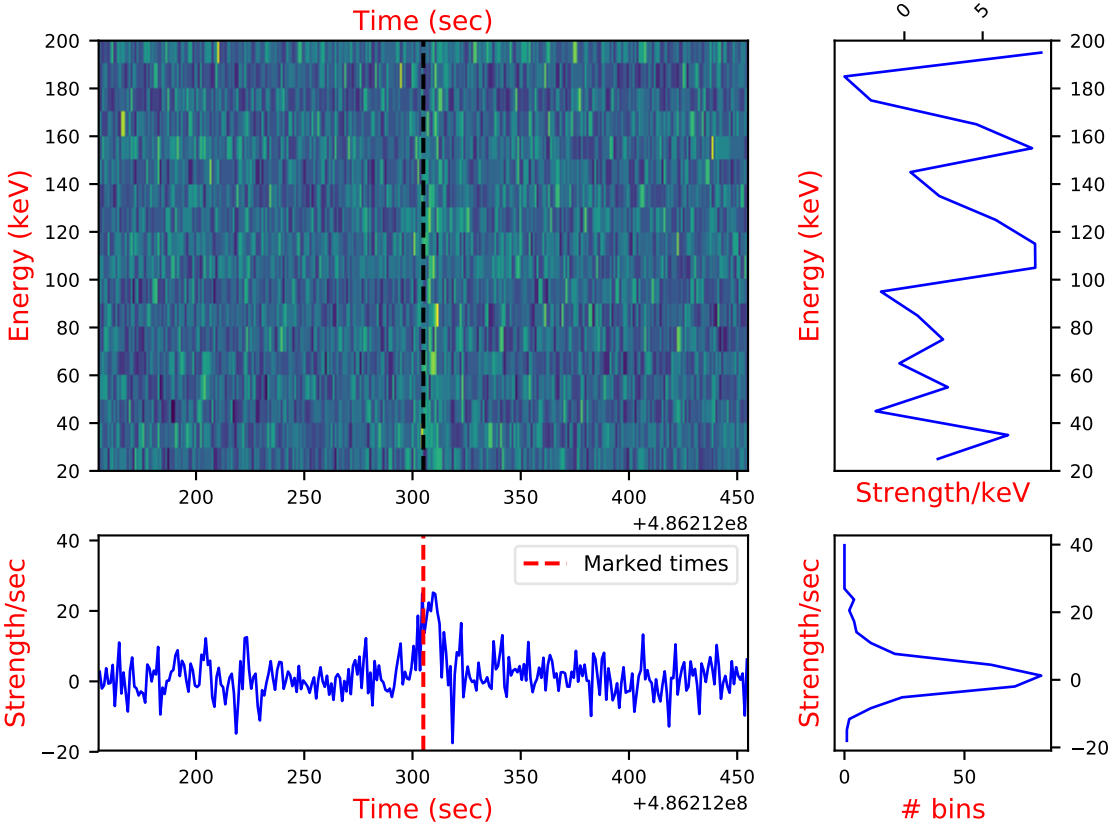

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
0
20
Excess counts/keV
Excess counts/sec
50
0
Marked times
Time (sec)
bins

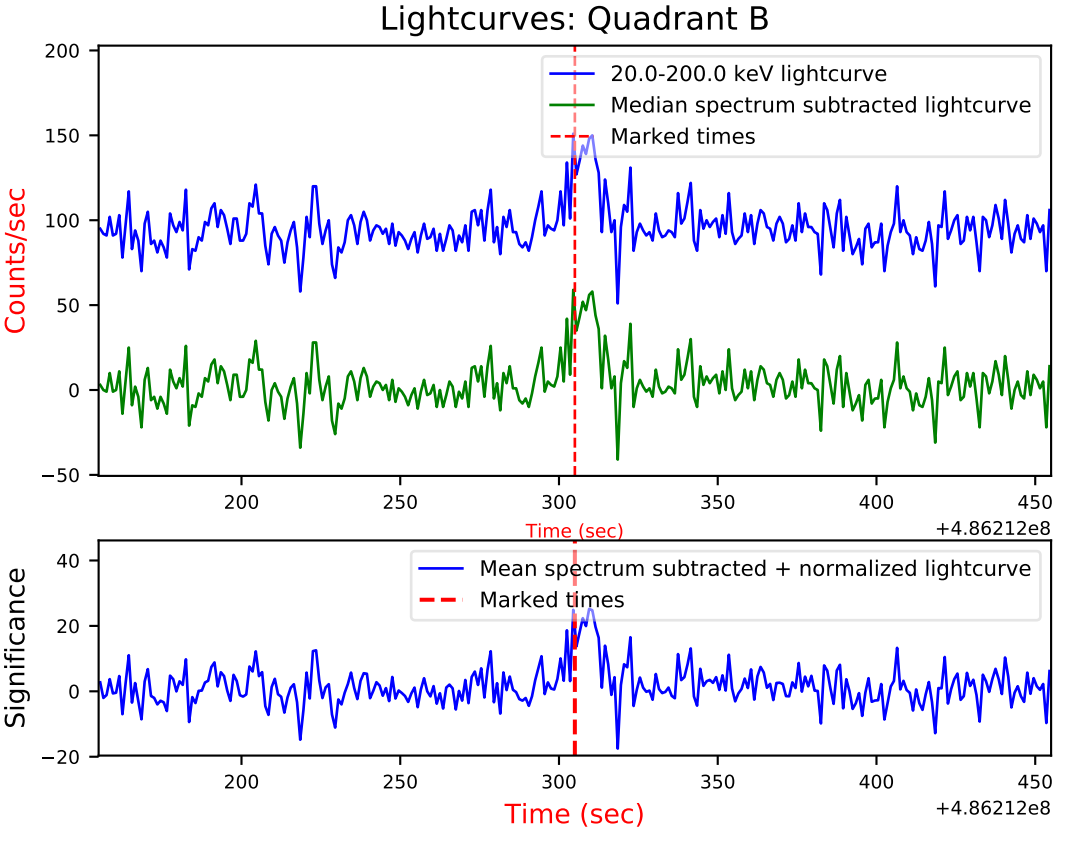

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.86212e8
Strength/sec
bins
50

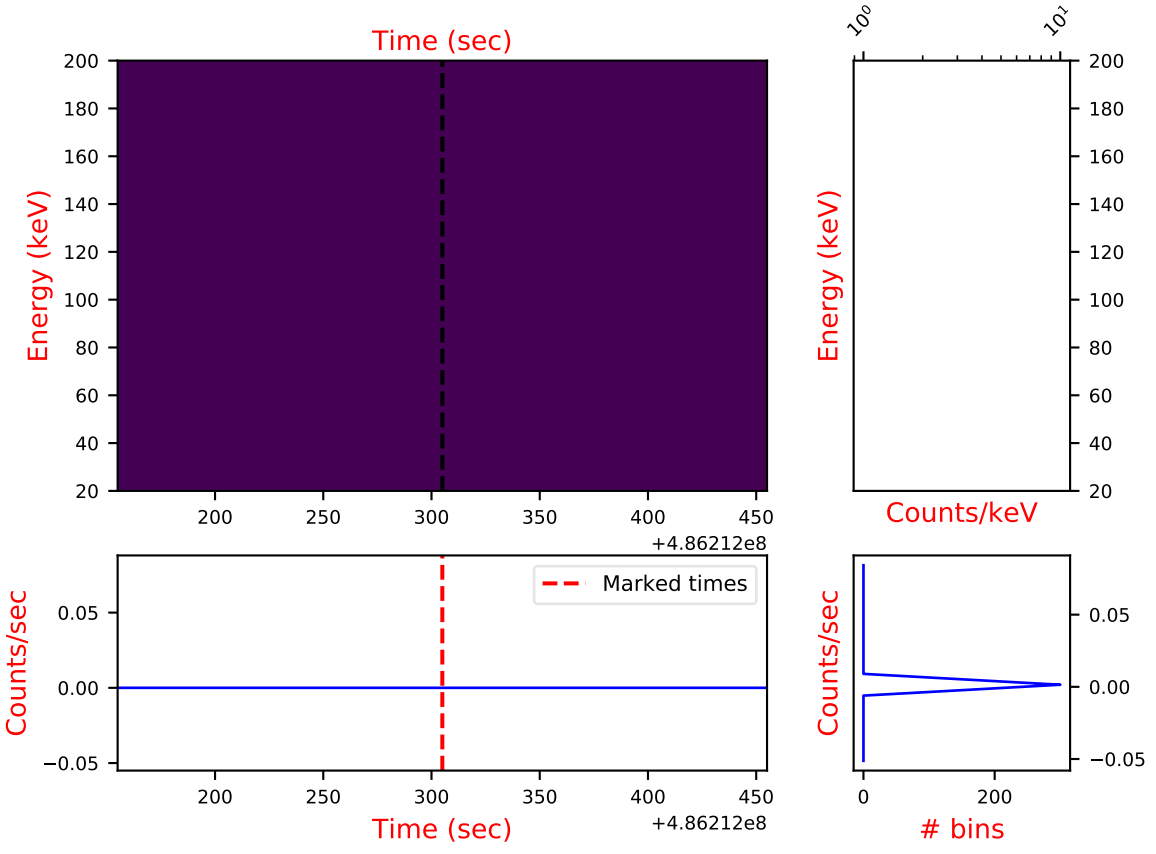

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
200
250
300
350
400
450
Time (sec)
+4.86212e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
200
250
300
350
400
450
Time (sec)
+4.86212e8

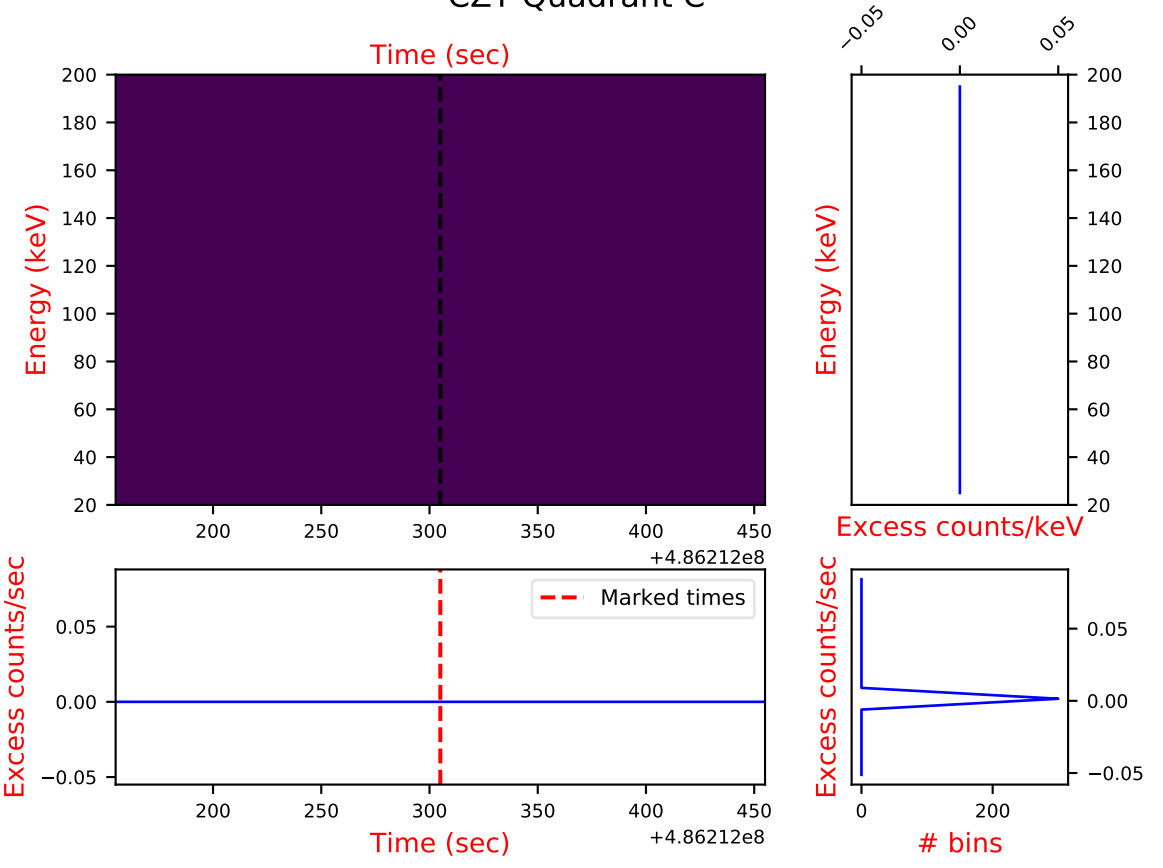

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
10^2
2×10^2
3×10^2
Counts/keV
Marked times
Counts/sec
150
100
50
Time (sec)
+4.86212e8
0
50
bins

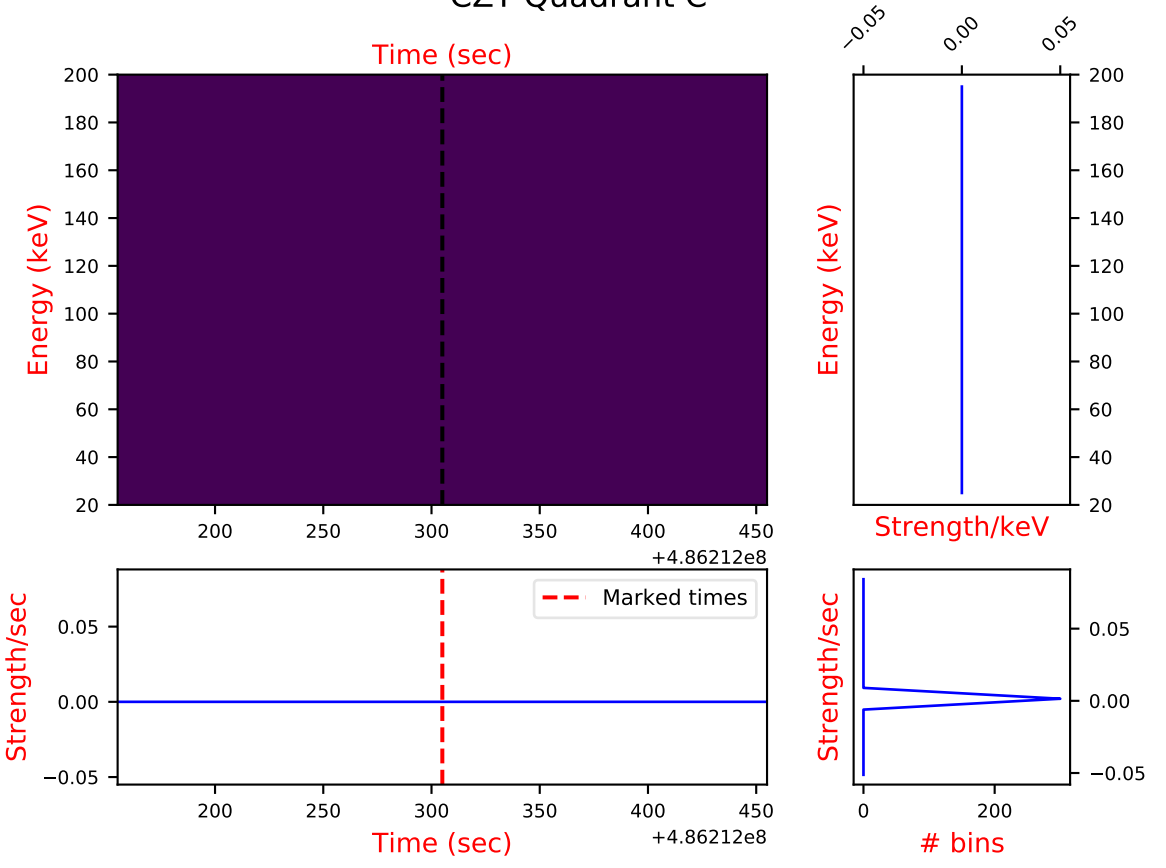

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
0
10
20
Excess counts/keV
Excess counts/sec
Marked times
50
0
Time (sec)
+4.86212e8
100
bins

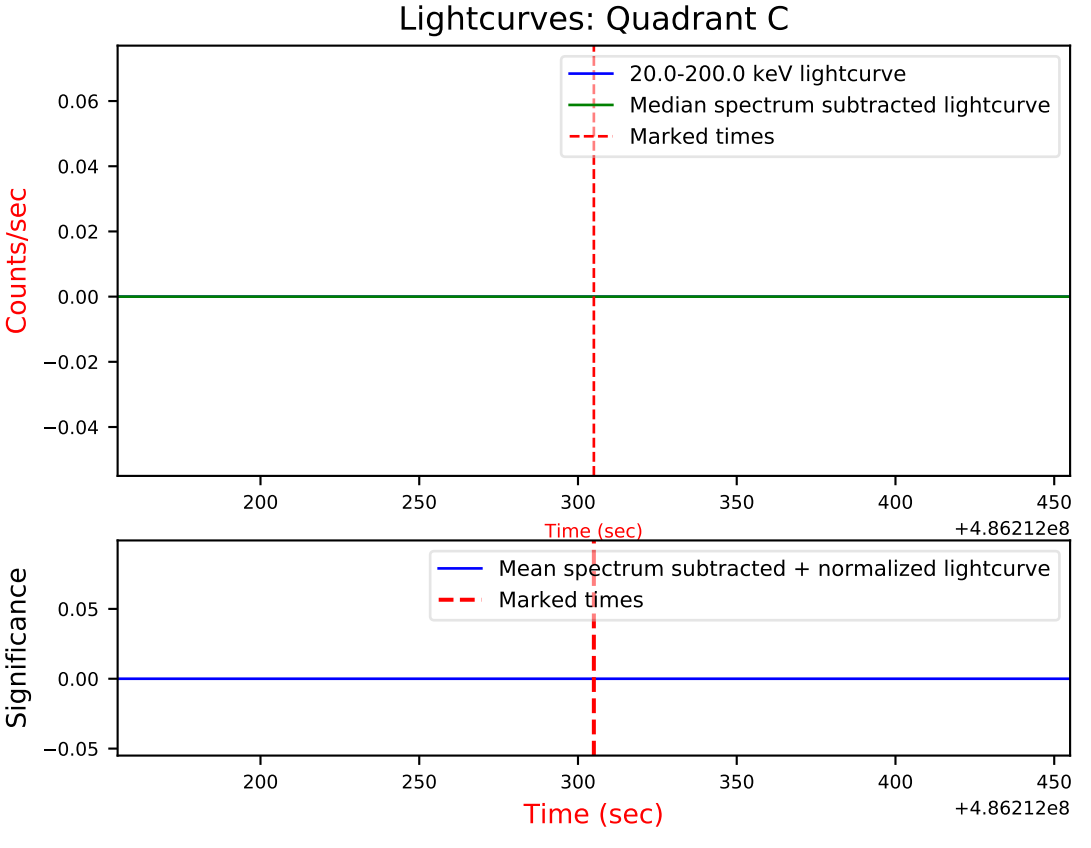

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
0
5
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
+4.86212e8
50
bins

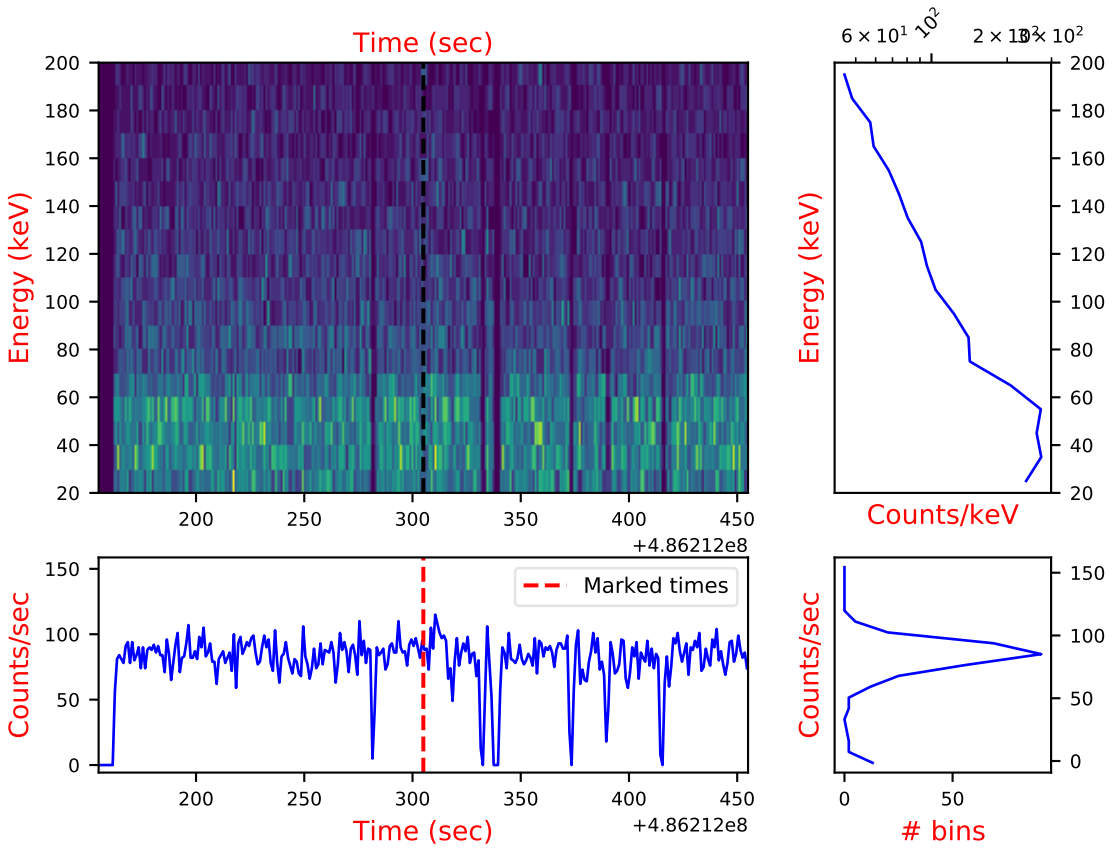

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
200
250
300
350
400
450
Time (sec)
+4.86212e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
200
250
300
350
400
450
Time (sec)
+4.86212e8

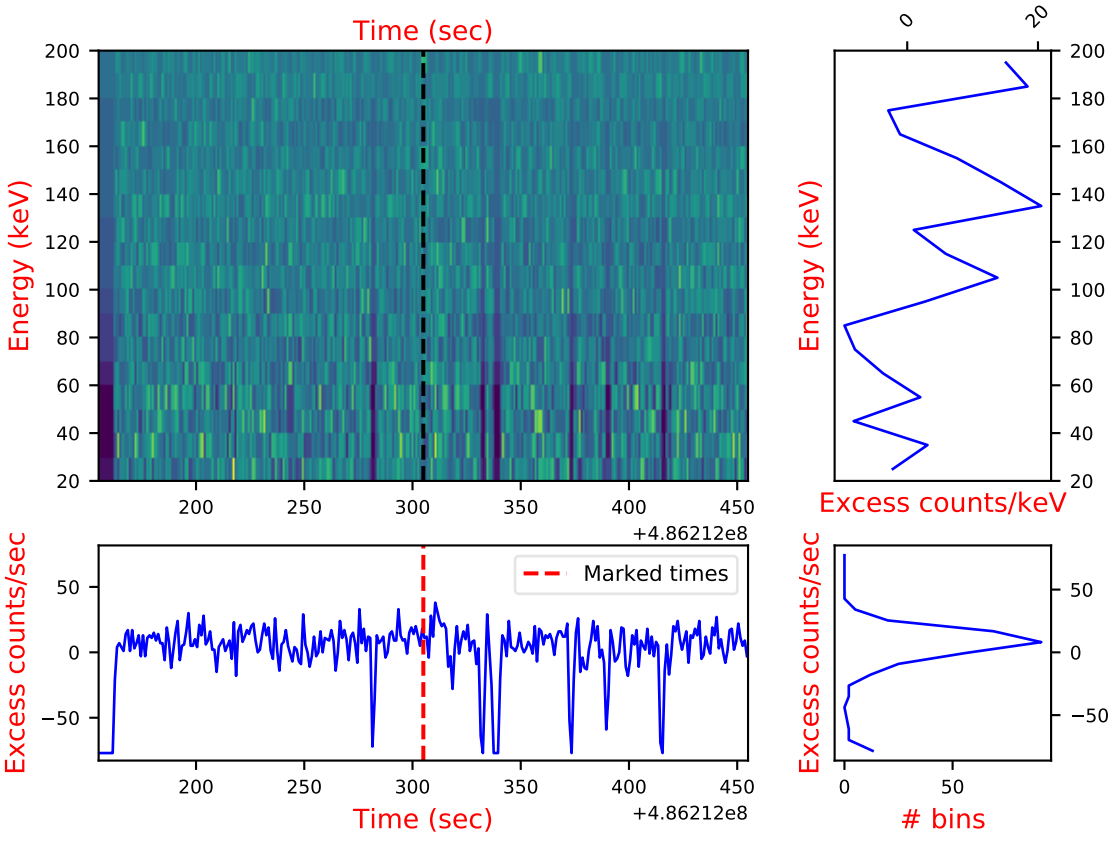

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
10^0
10^1
Counts/keV
Counts/sec
Marked times
0.05
0.00
−0.05
Time (sec)
bins
0

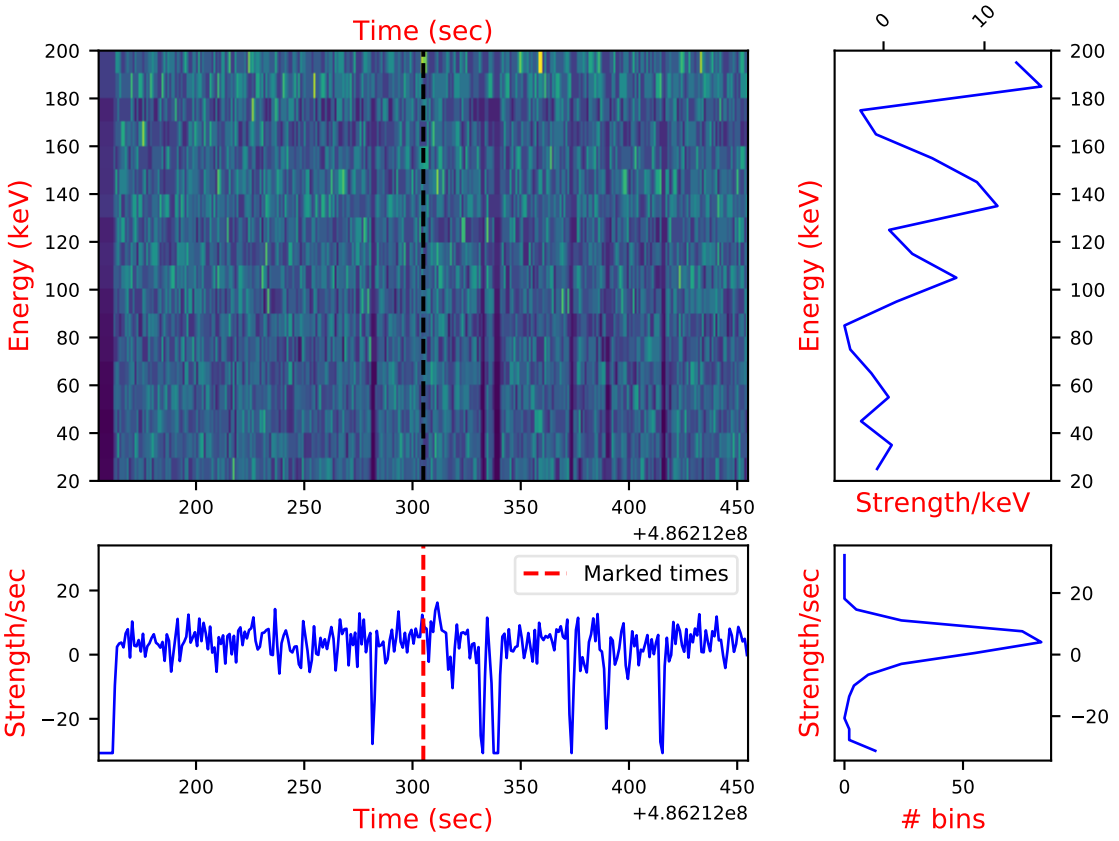

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
−0.05
0.00
0.05
Excess counts/keV
Excess counts/sec
Marked times
0.05
0.00
−0.05
Time (sec)
bins
0

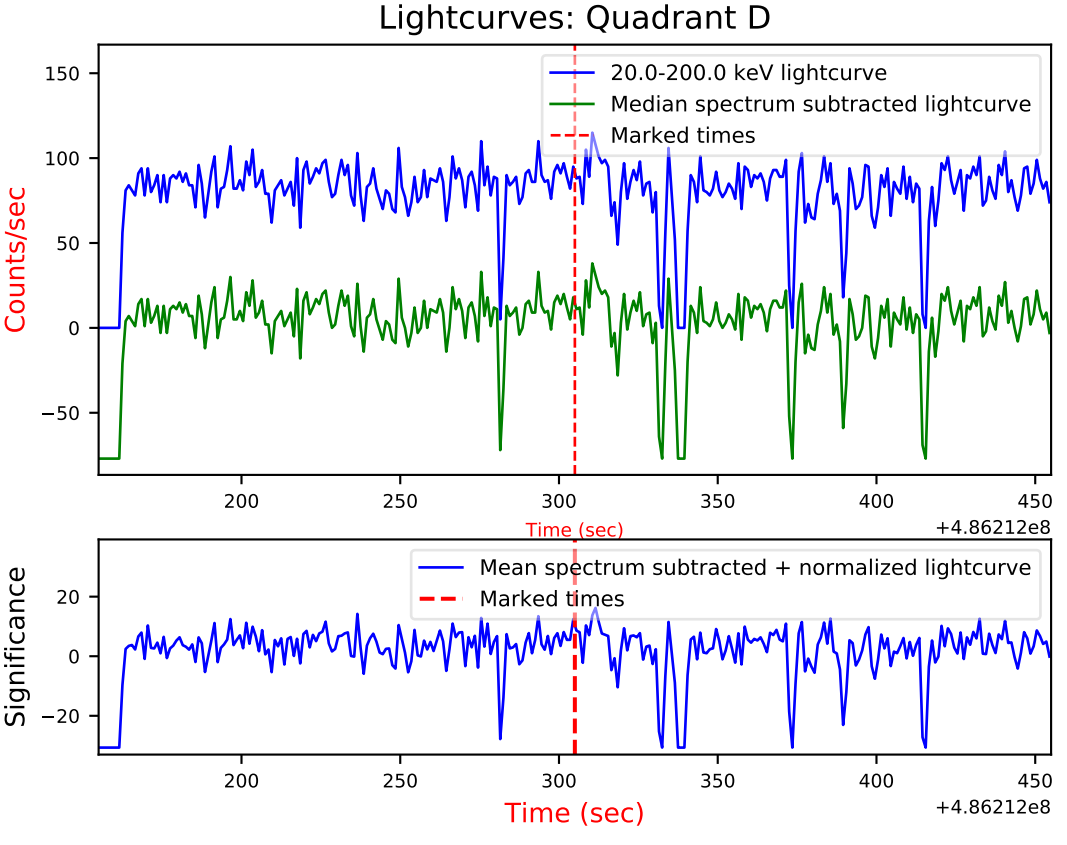

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
−0.05
0.00
0.05
Strength/keV
Strength/sec
Marked times
0.05
0.00
−0.05
Time (sec)
bins
0


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
0.06
0.04
0.02
0.00
−0.02
−0.04
200
250
300
350
400
450
Time (sec)
+4.86212e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
0.05
0.00
−0.05
200
250
300
350
400
450
Time (sec)
+4.86212e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.86212e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
0
20
Excess counts/keV
Excess counts/sec
50
0
−50
Marked times
Time (sec)
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
200
250
300
350
400
450
+4.86212e8
0
10
Strength/keV
Strength/sec
Marked times
20
0
−20
Time (sec)
+4.86212e8
bins
50


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
200
250
300
350
400
450
Time (sec)
+4.86212e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
0
−20
200
250
300
350
400
450
Time (sec)
+4.86212e8