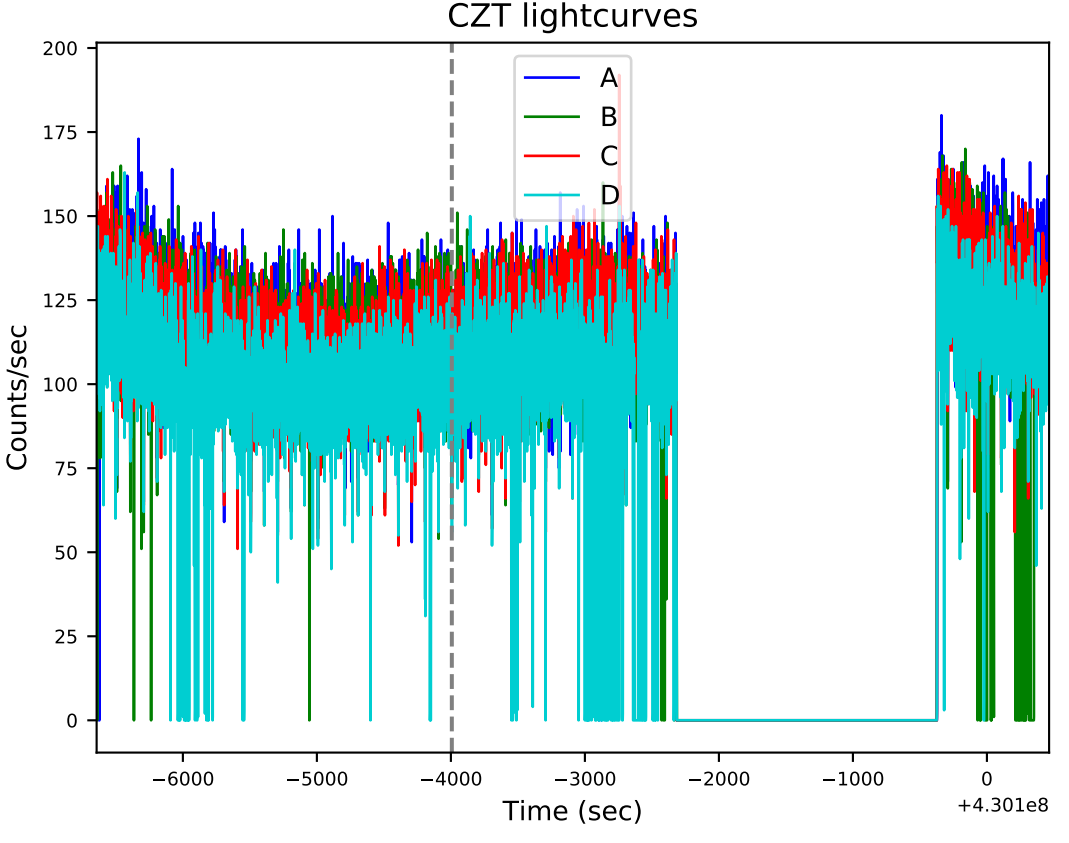
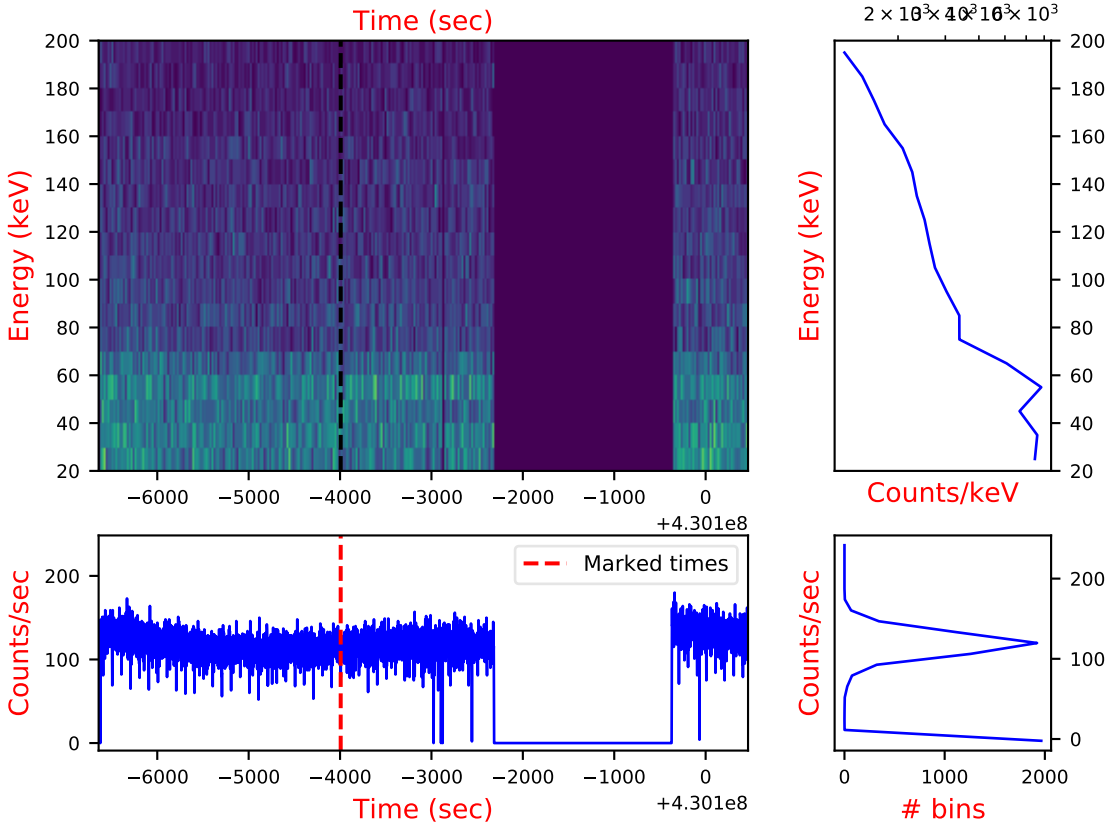
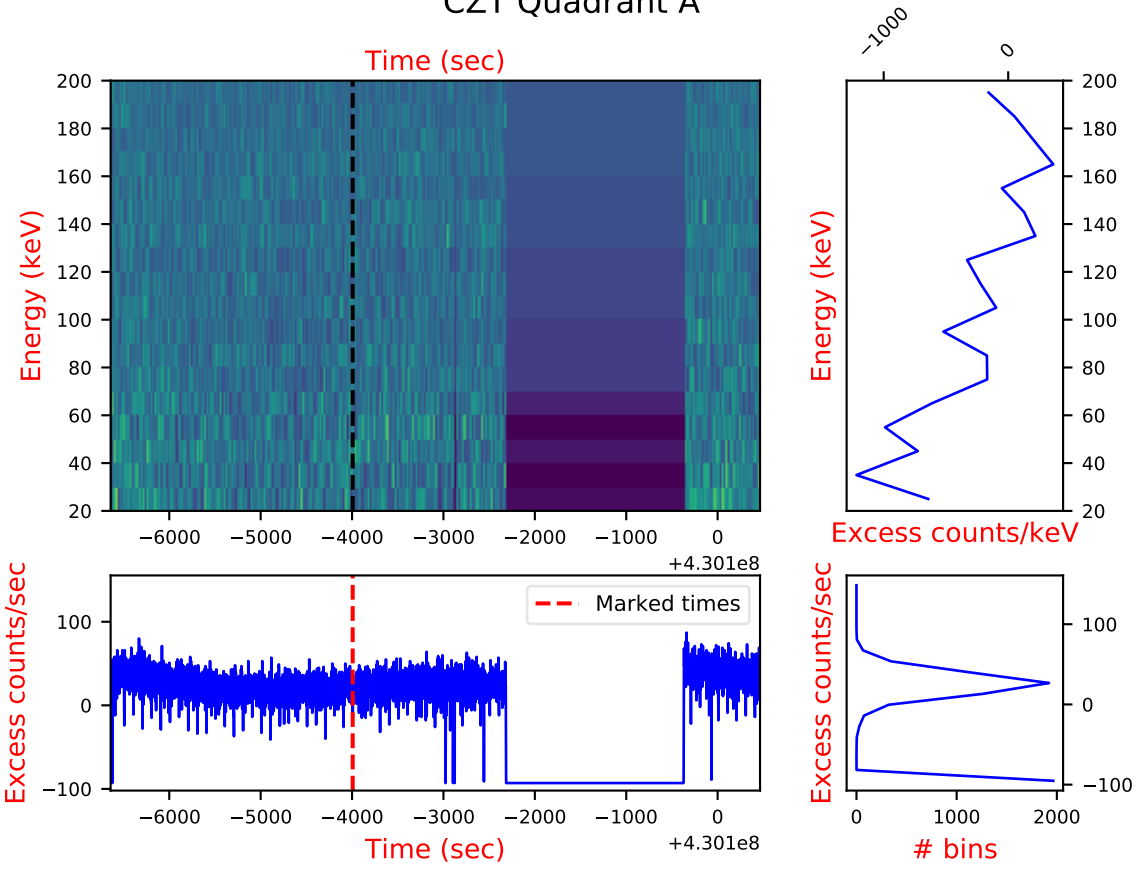
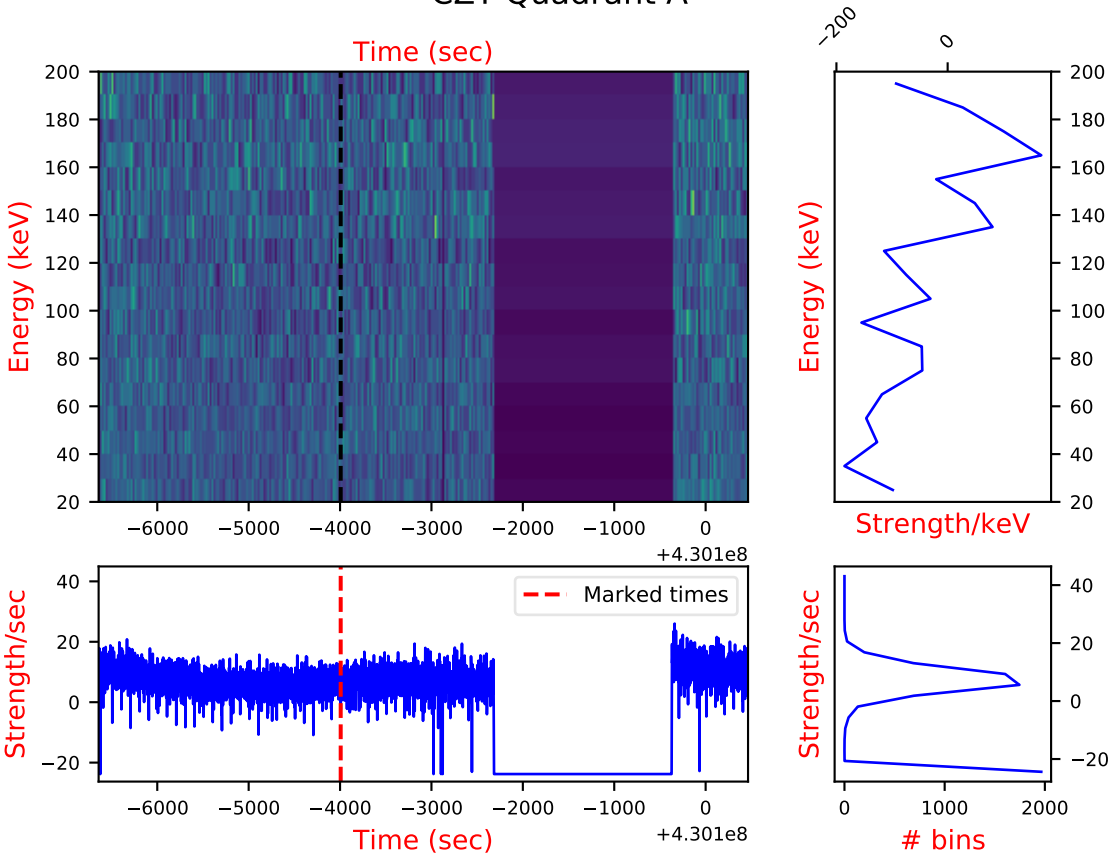
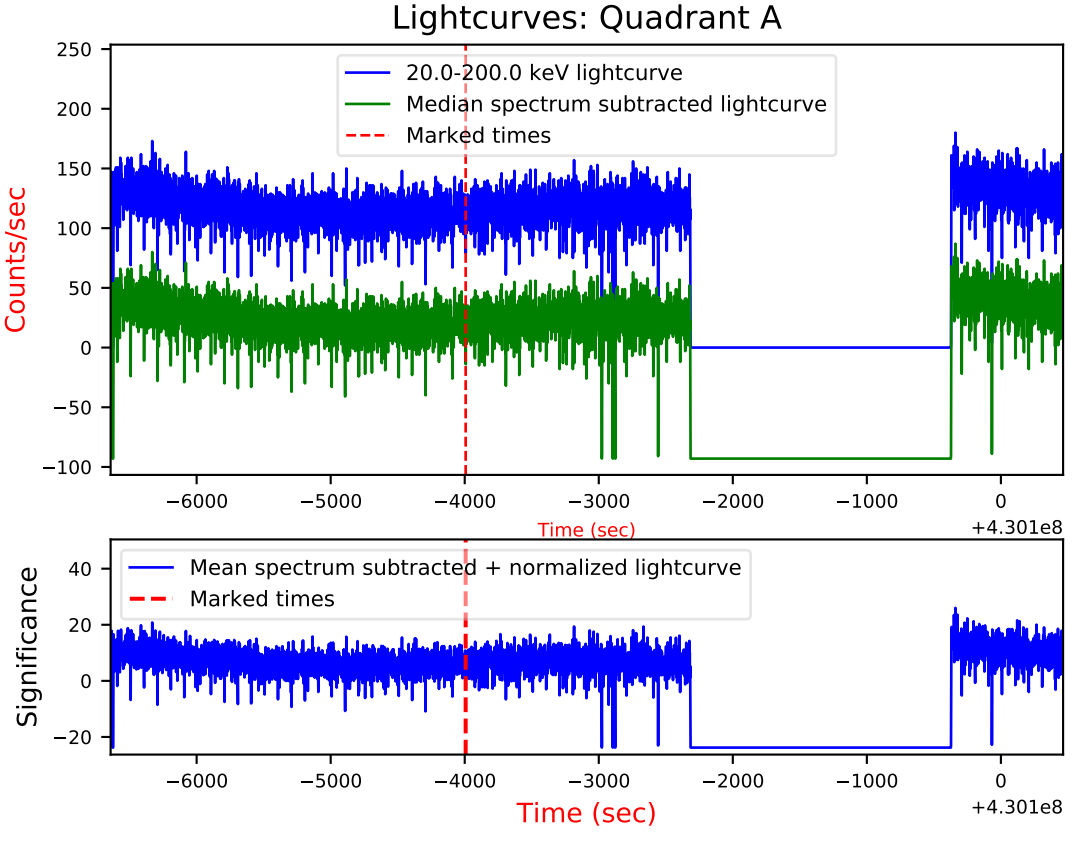
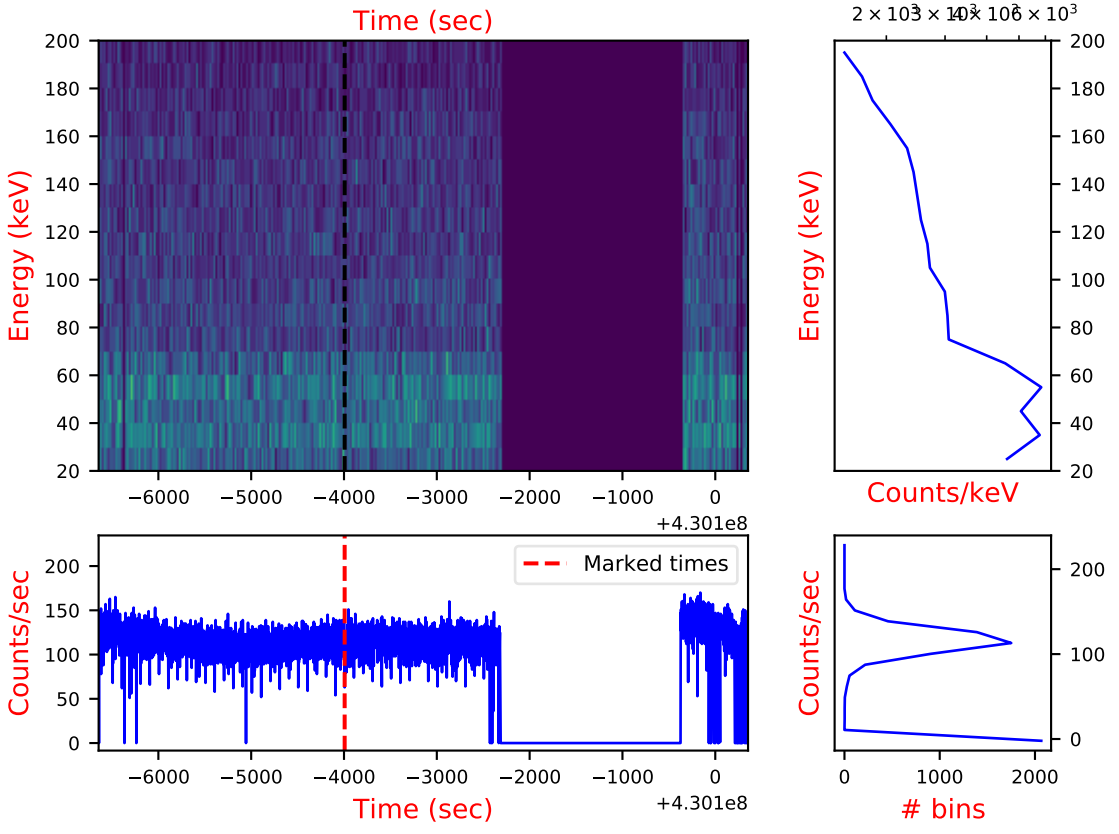

CZT lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.301e8
200
175
150
125
100
75
50
25
0
−6000
−5000
−4000
−3000
−2000
−1000
0


CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
+4.301e8
Counts/sec
Marked times
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
0
1000
2000

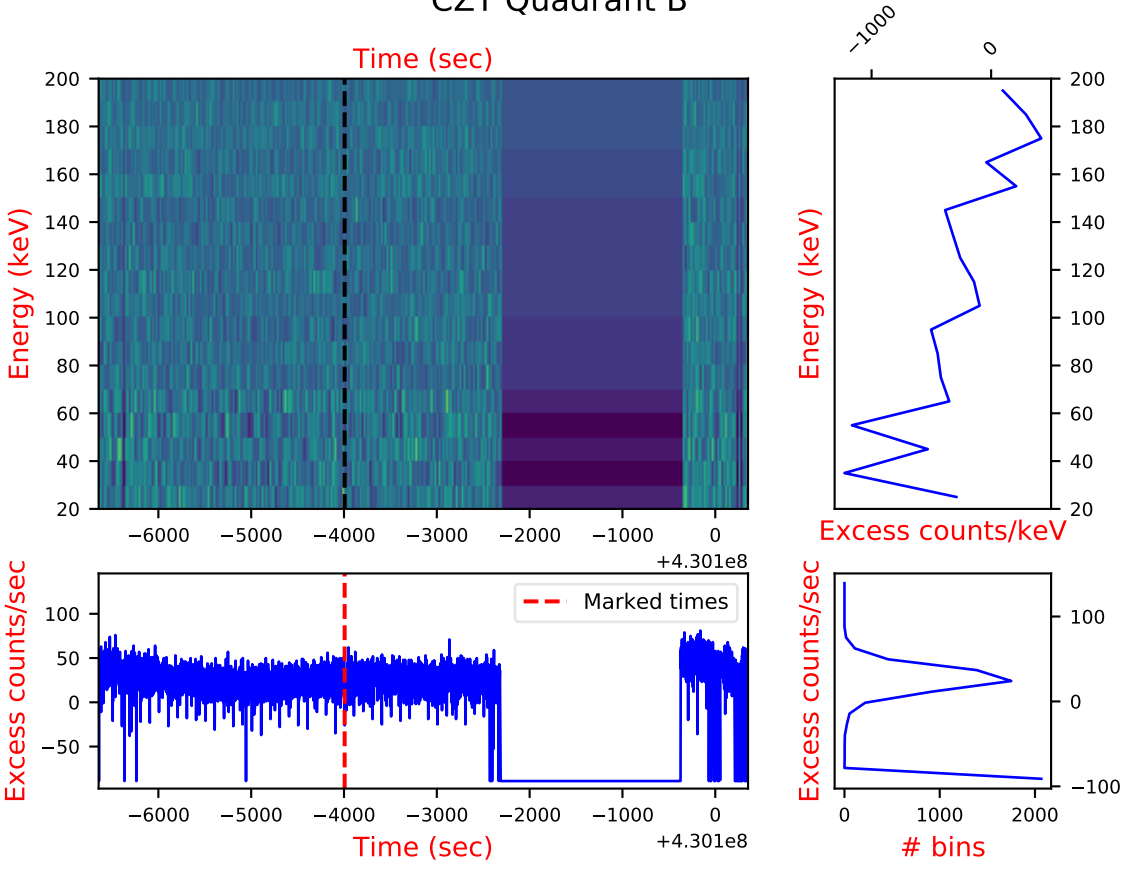

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
+4.301e8
−1000
0
Excess counts/keV
Excess counts/sec
Marked times
100
0
−100
Time (sec)
+4.301e8
bins
2000

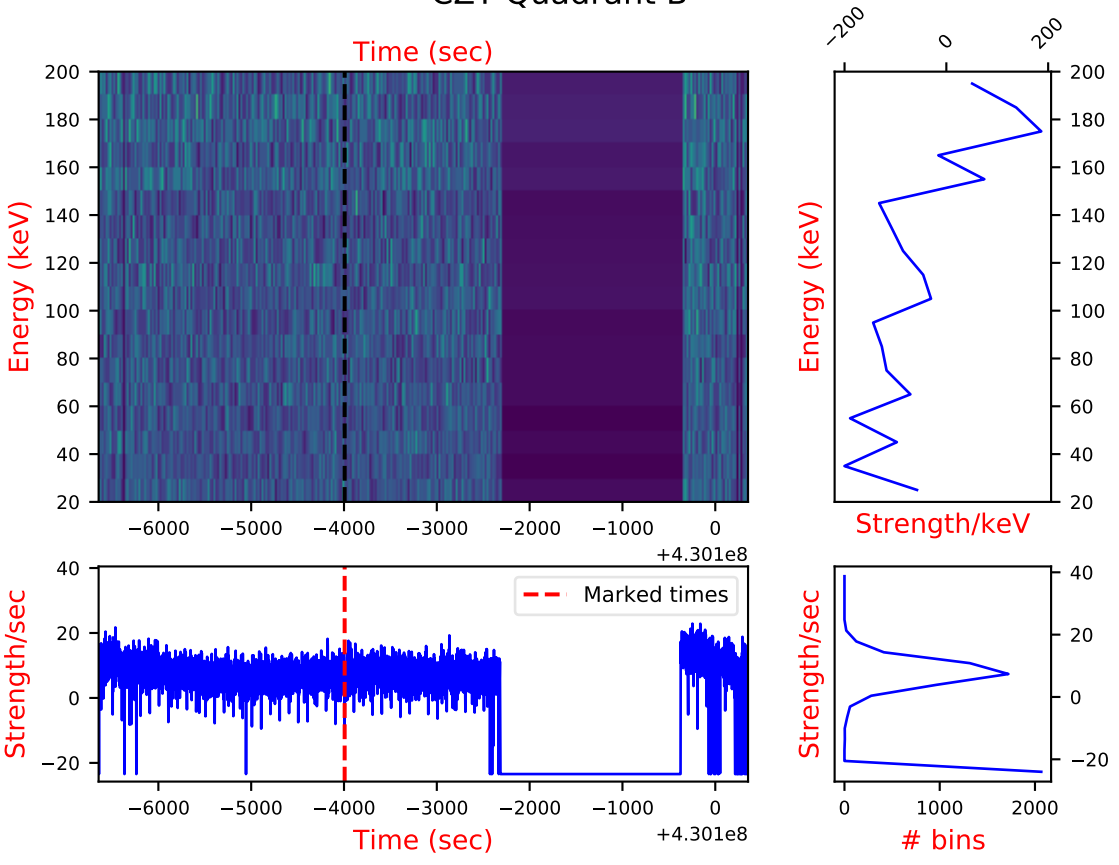

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
+4.301e8
−200
0
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.301e8
1000
2000
bins

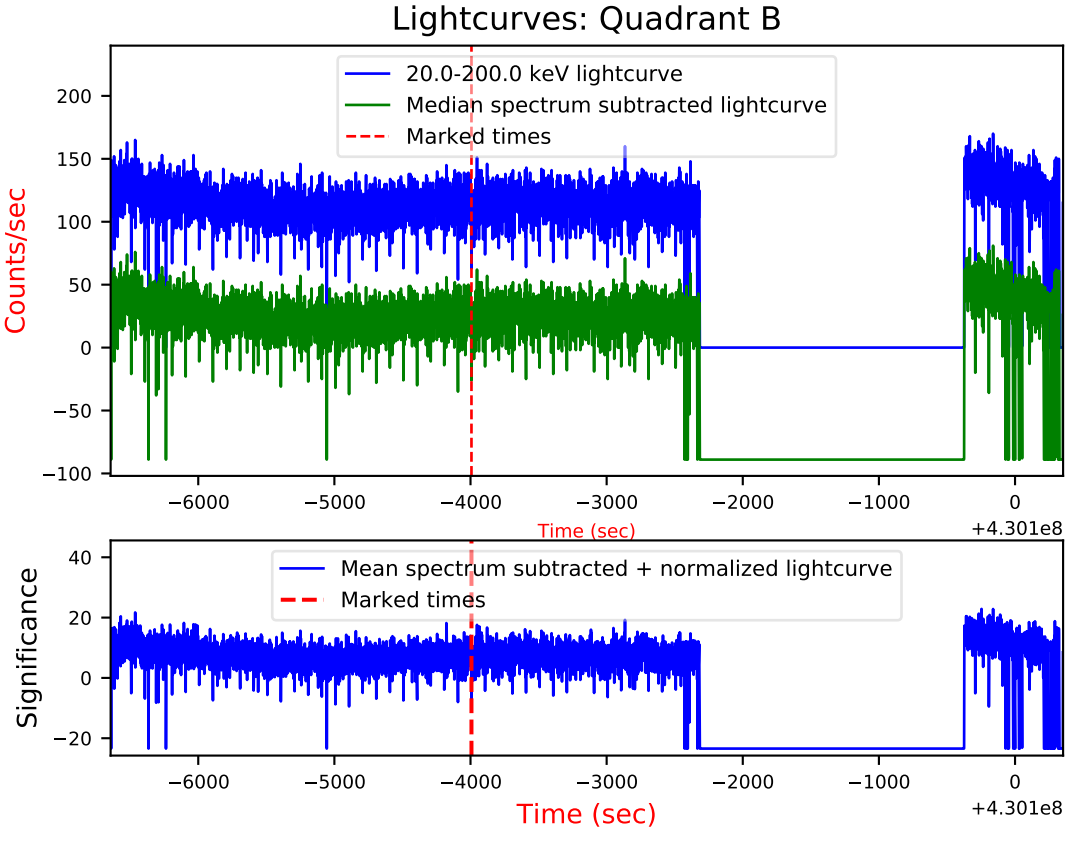

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
−100
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8

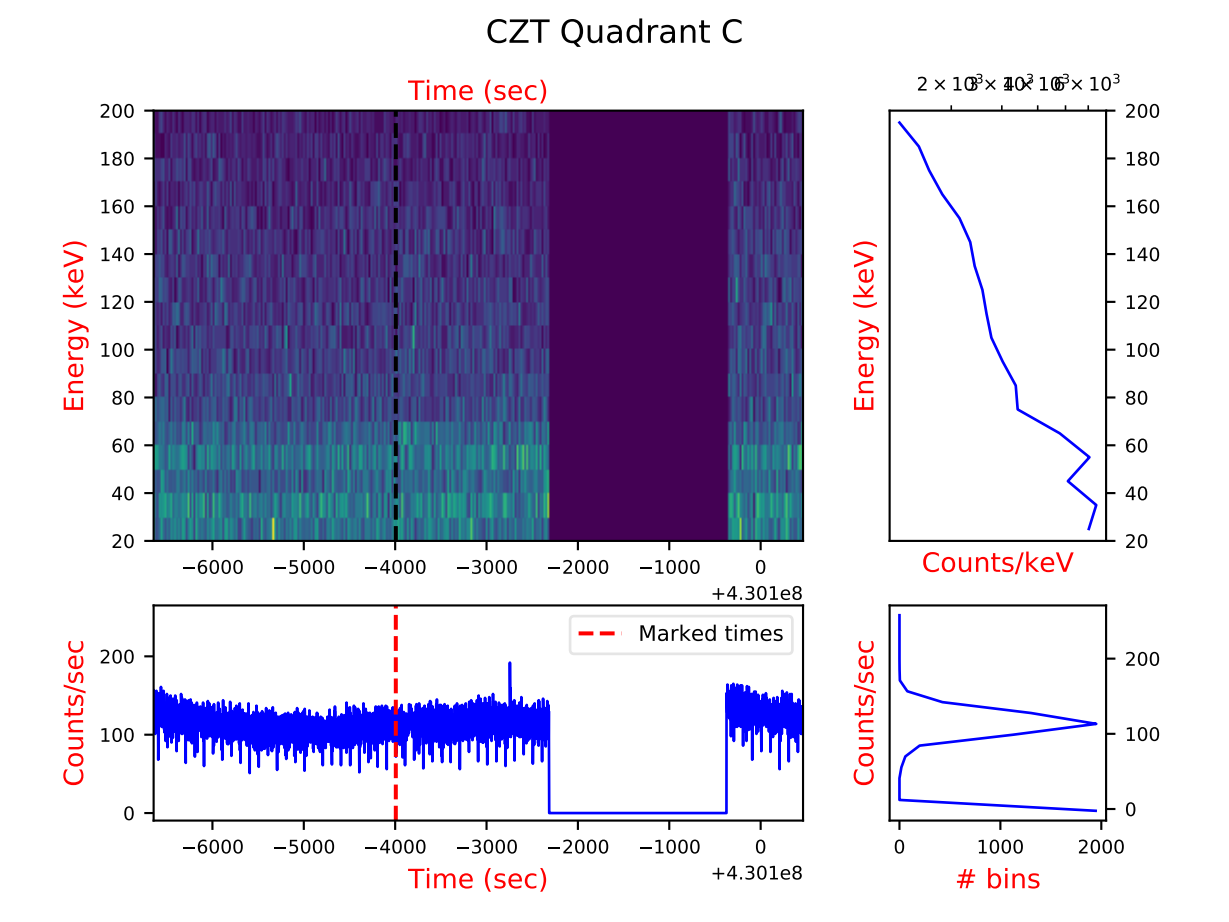


CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.301e8
bins

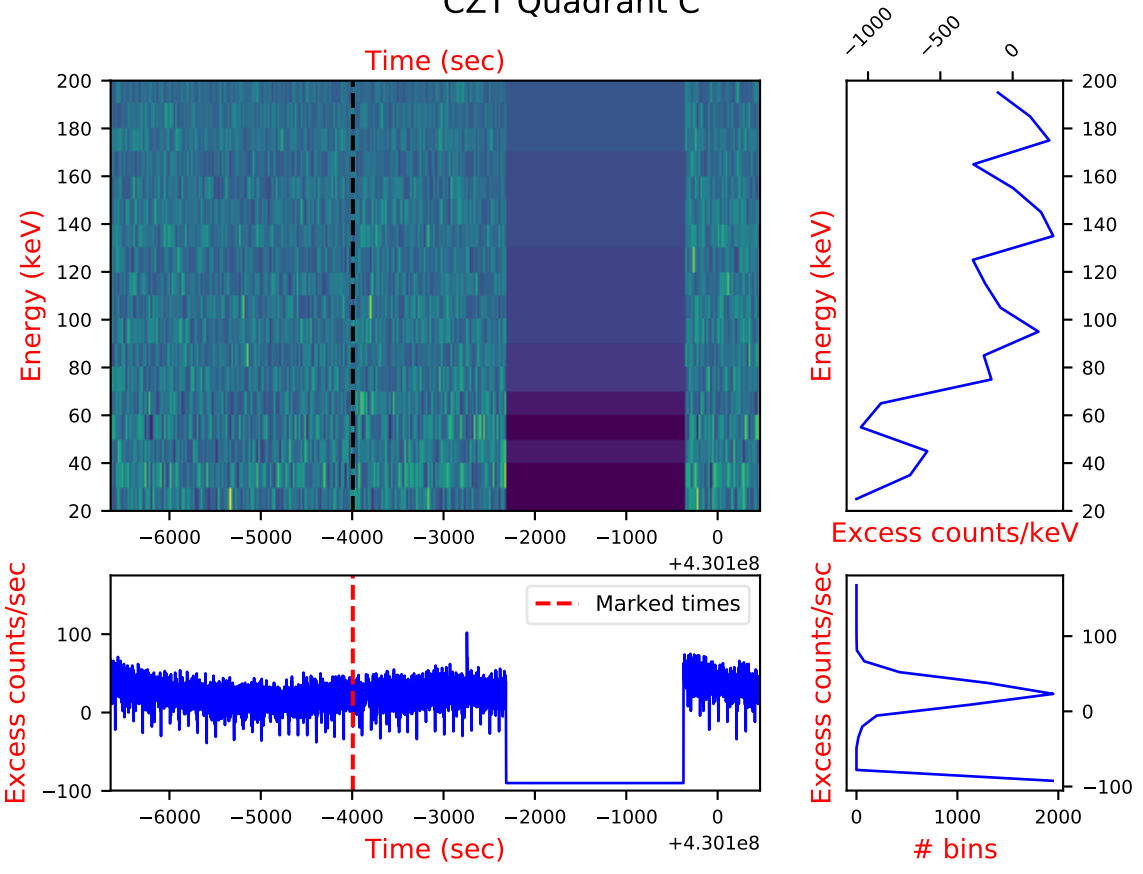

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
−1000
0
Excess counts/keV
+4.301e8
Excess counts/sec
Marked times
100
50
0
−50
Time (sec)
bins
2000
−100

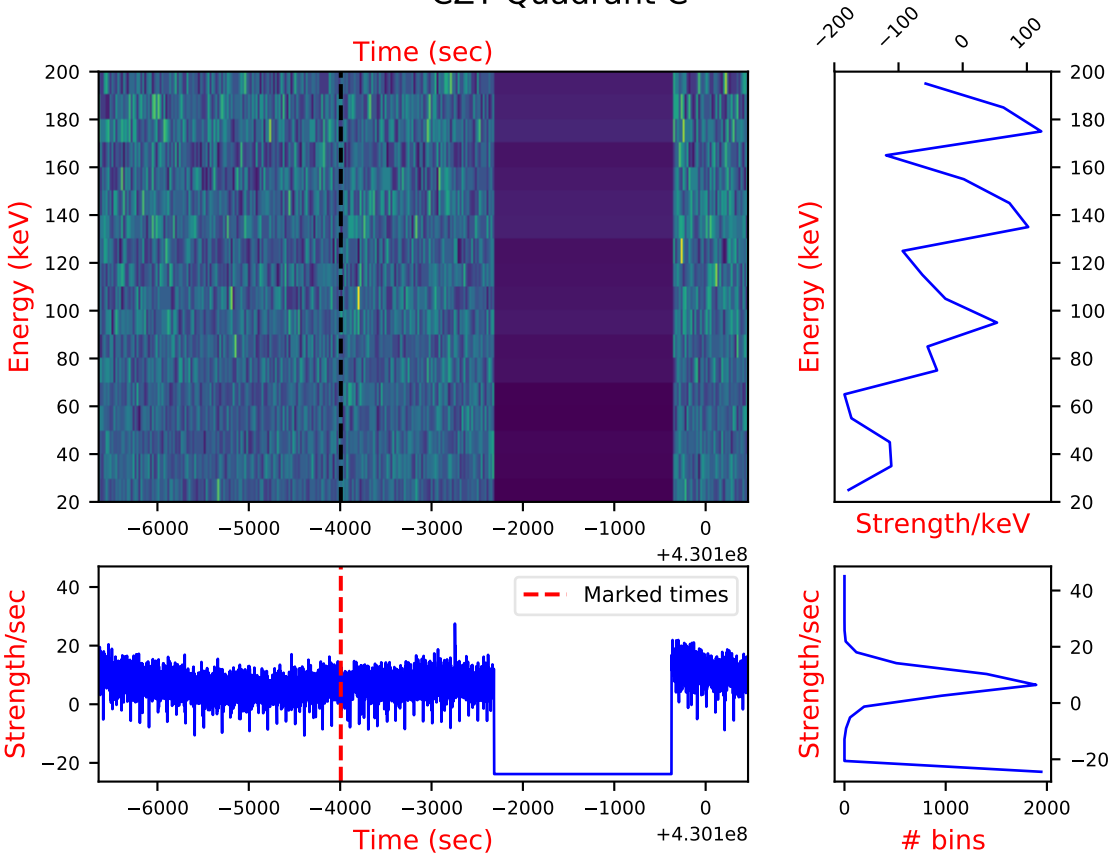

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
+4.301e8
−200
0
200
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.301e8
bins
1000
2000

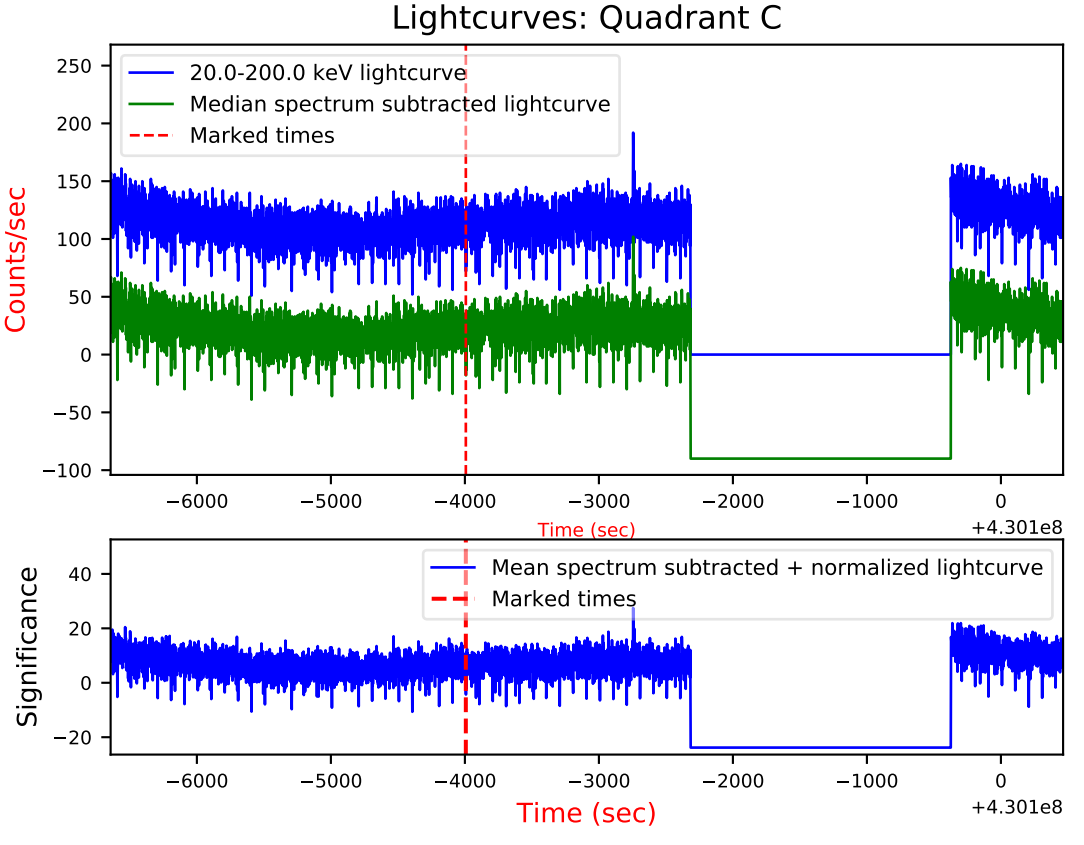

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−100
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8

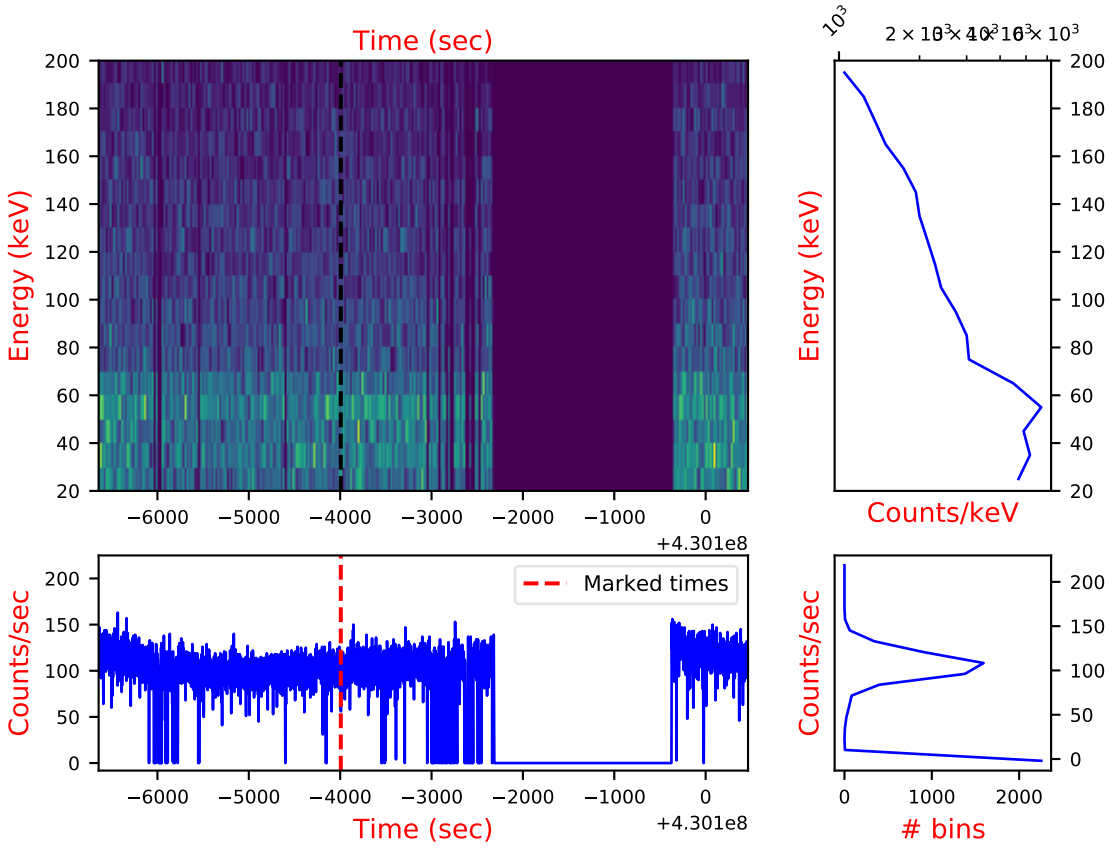


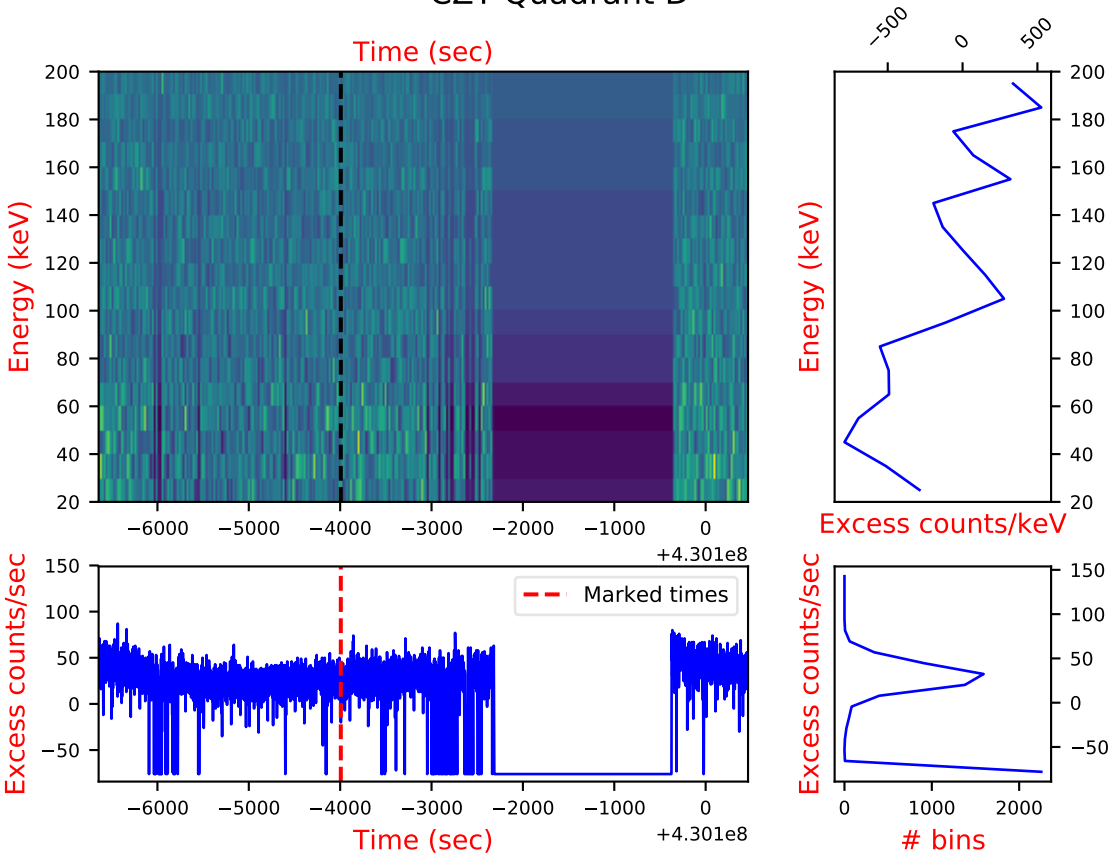
CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.301e8
bins

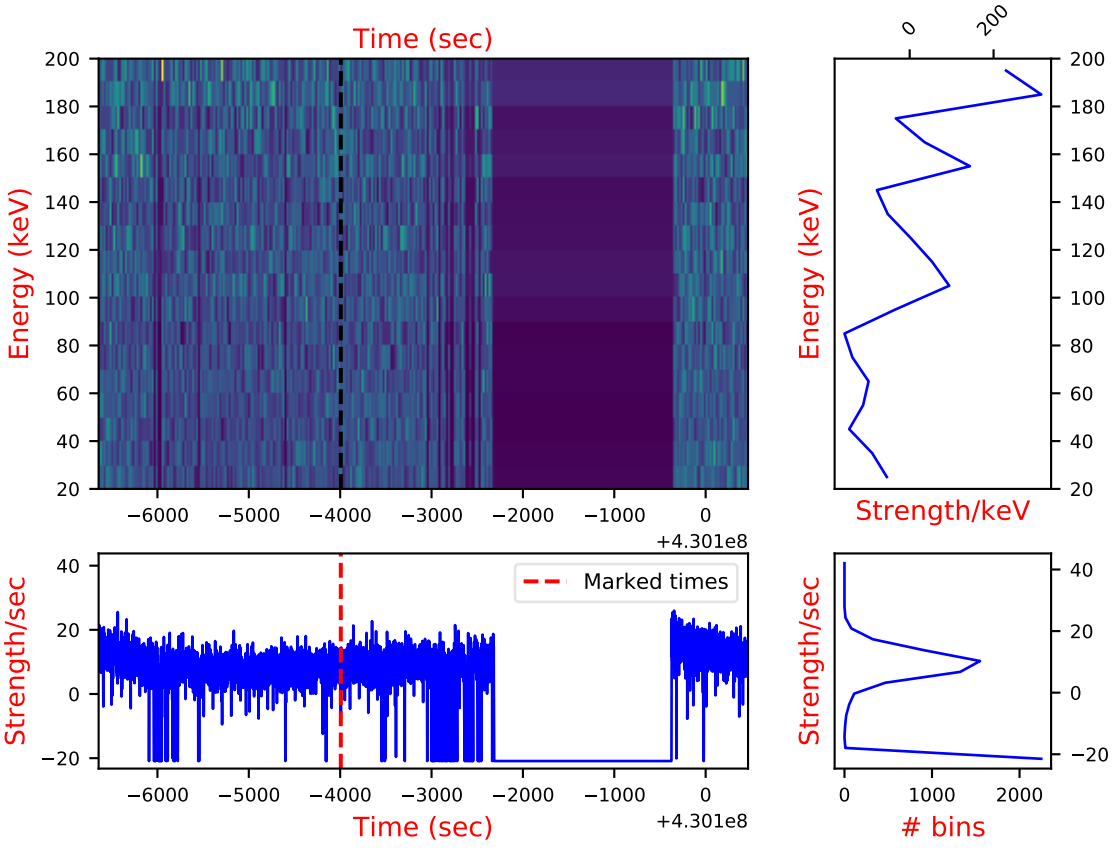

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
−1000
−500
0
Energy (keV)
Excess counts/keV
+4.301e8
Marked times
Excess counts/sec
100
0
−100
Time (sec)
+4.301e8
Excess counts/sec
bins
0
1000
2000

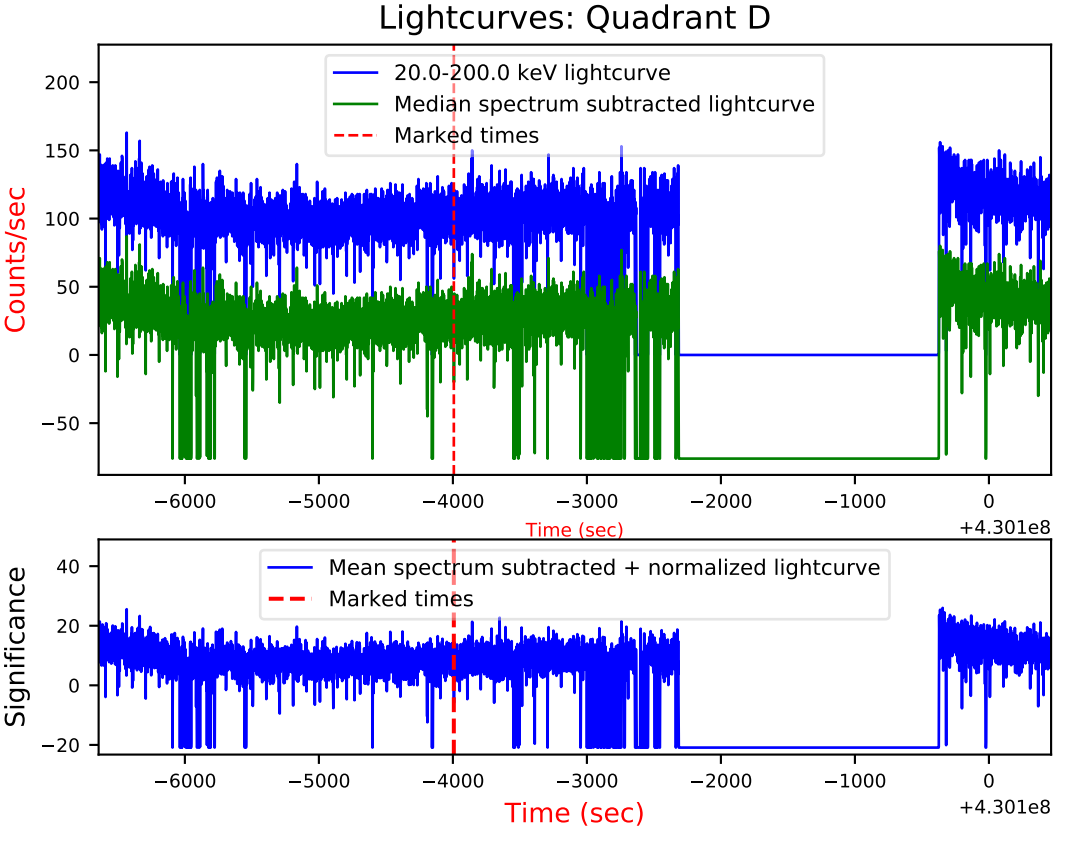

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
+4.301e8
−200
−100
0
100
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.301e8
Strength/sec
bins
1000
2000


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
−100
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.301e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
−500
0
500
Excess counts/keV
Excess counts/sec
150
100
50
0
−50
+4.301e8
Marked times
Time (sec)
bins
1000
2000


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−6000
−5000
−4000
−3000
−2000
−1000
0
+4.301e8
0
200
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.301e8
Strength/sec
bins
1000
2000


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−6000
−5000
−4000
−3000
−2000
−1000
0
Time (sec)
+4.301e8