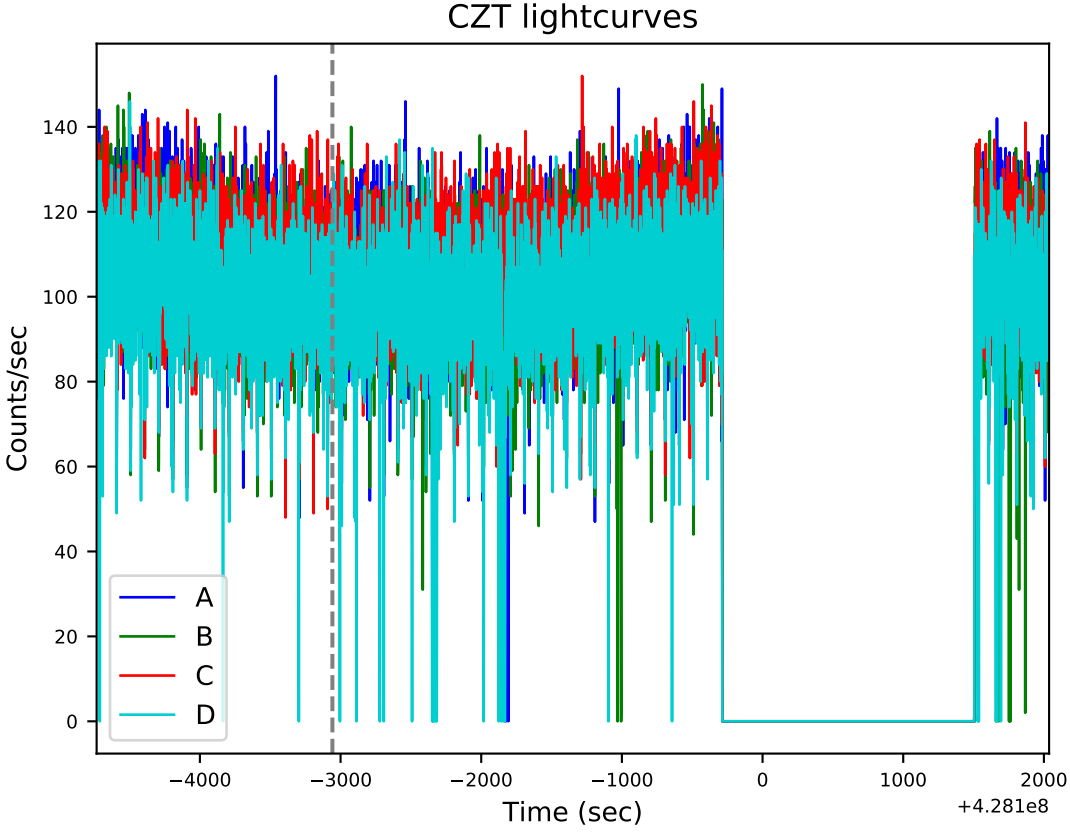
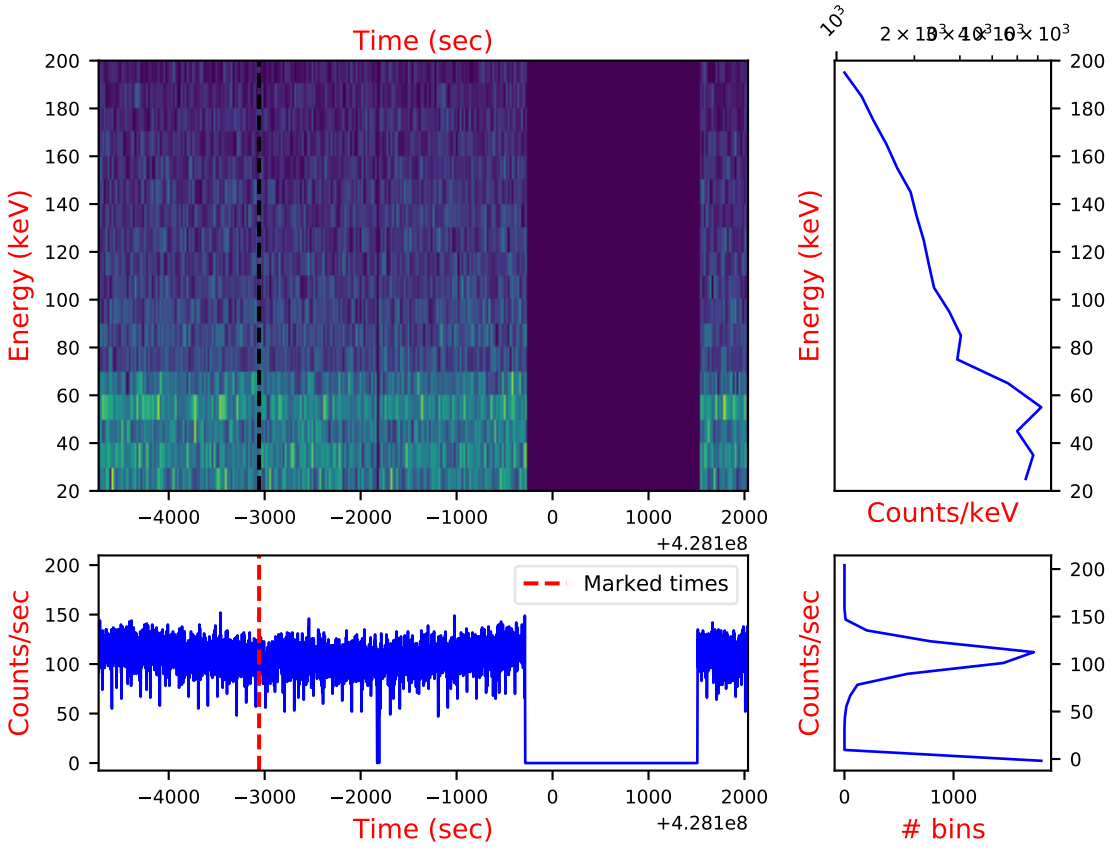
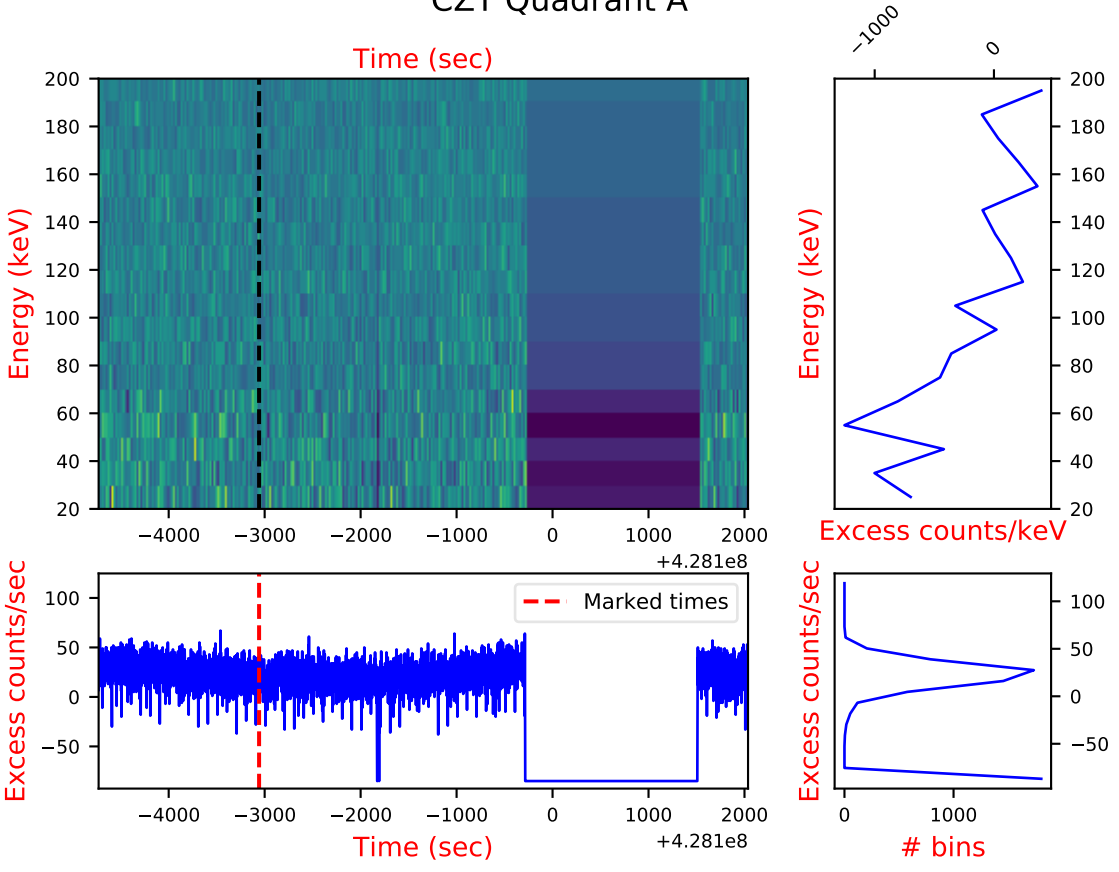
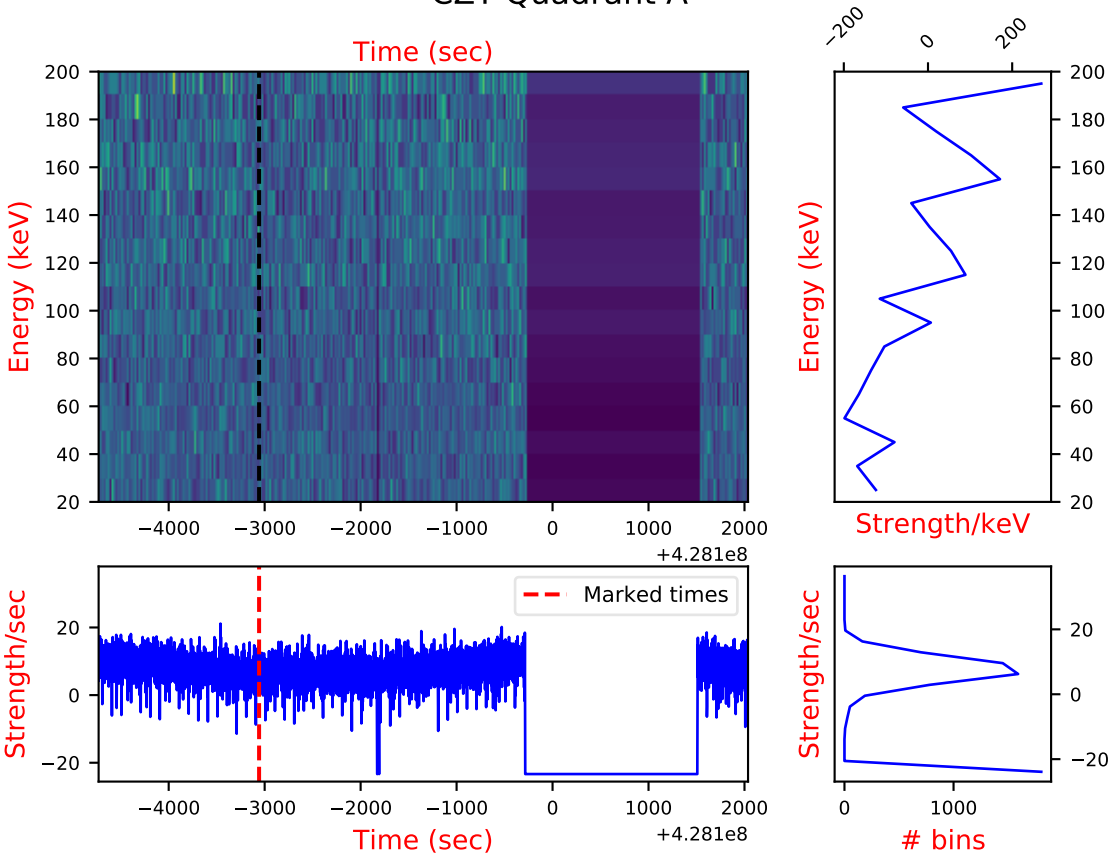
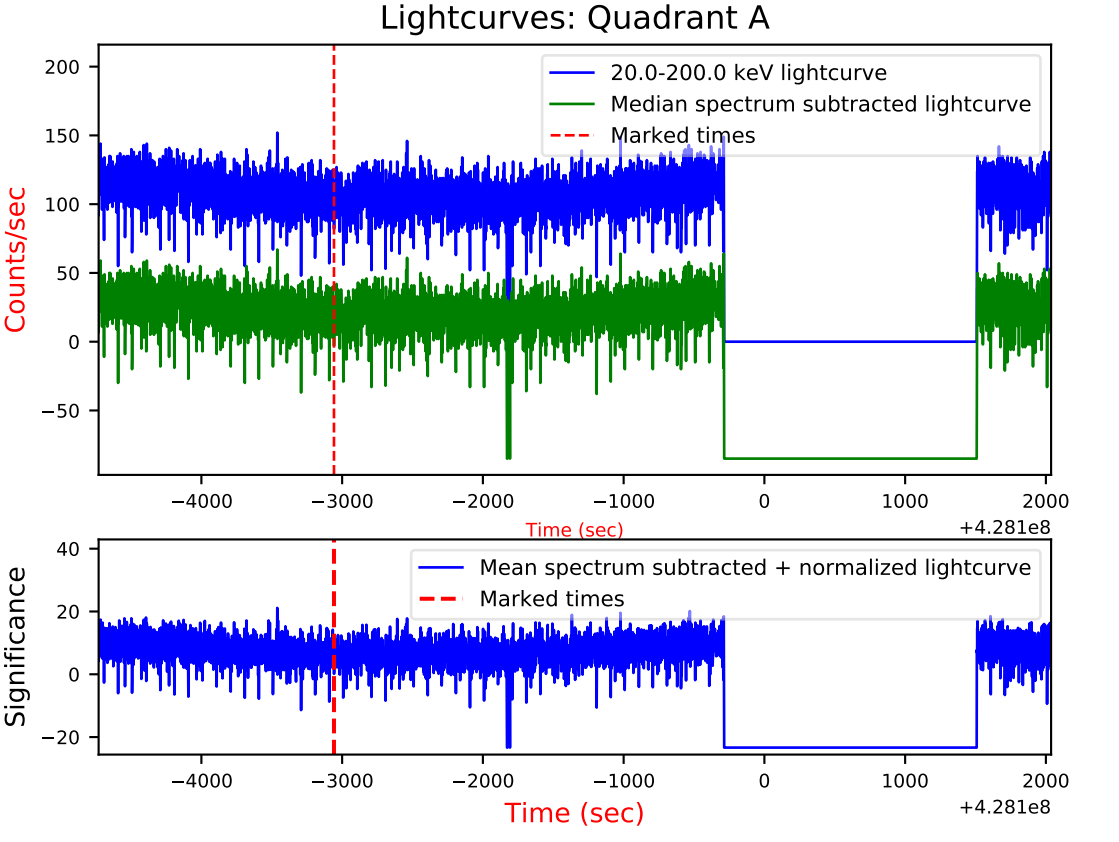
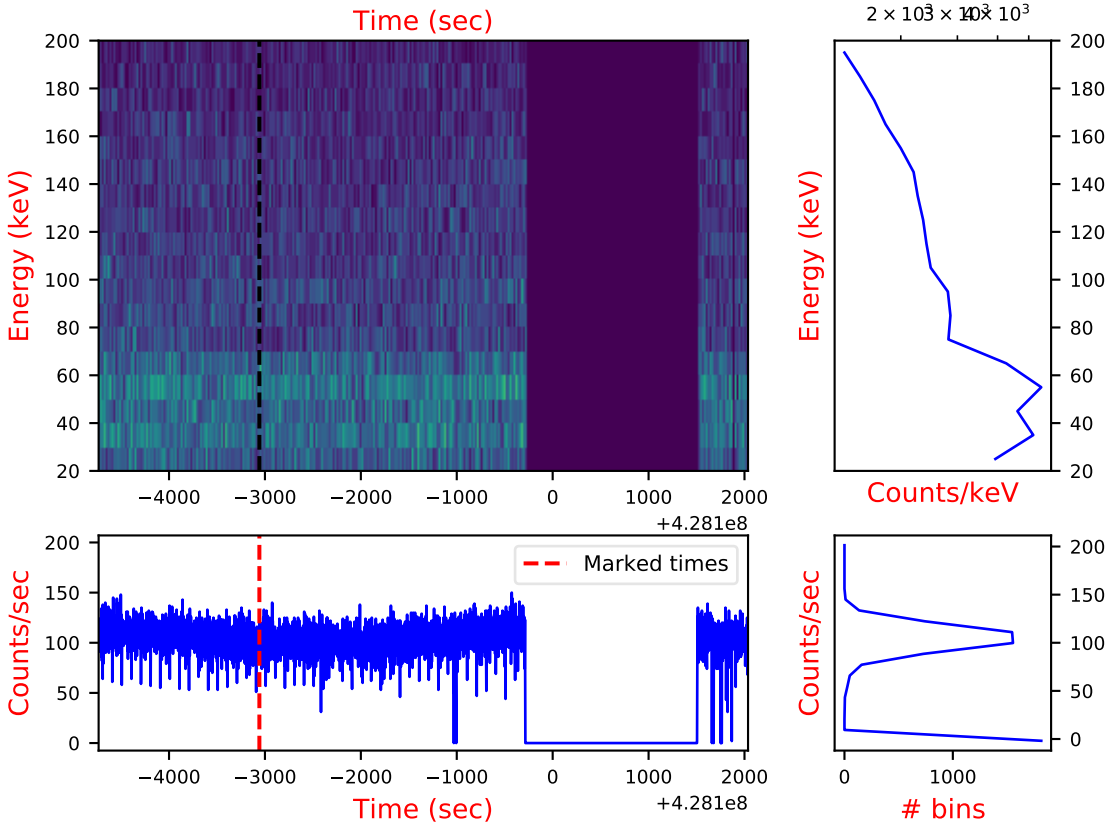

CZT lightcurves
Counts/sec
Time (sec)
+4.281e8
A
B
C
D
140
120
100
80
60
40
20
0
−4000
−3000
−2000
−1000
0
1000
2000

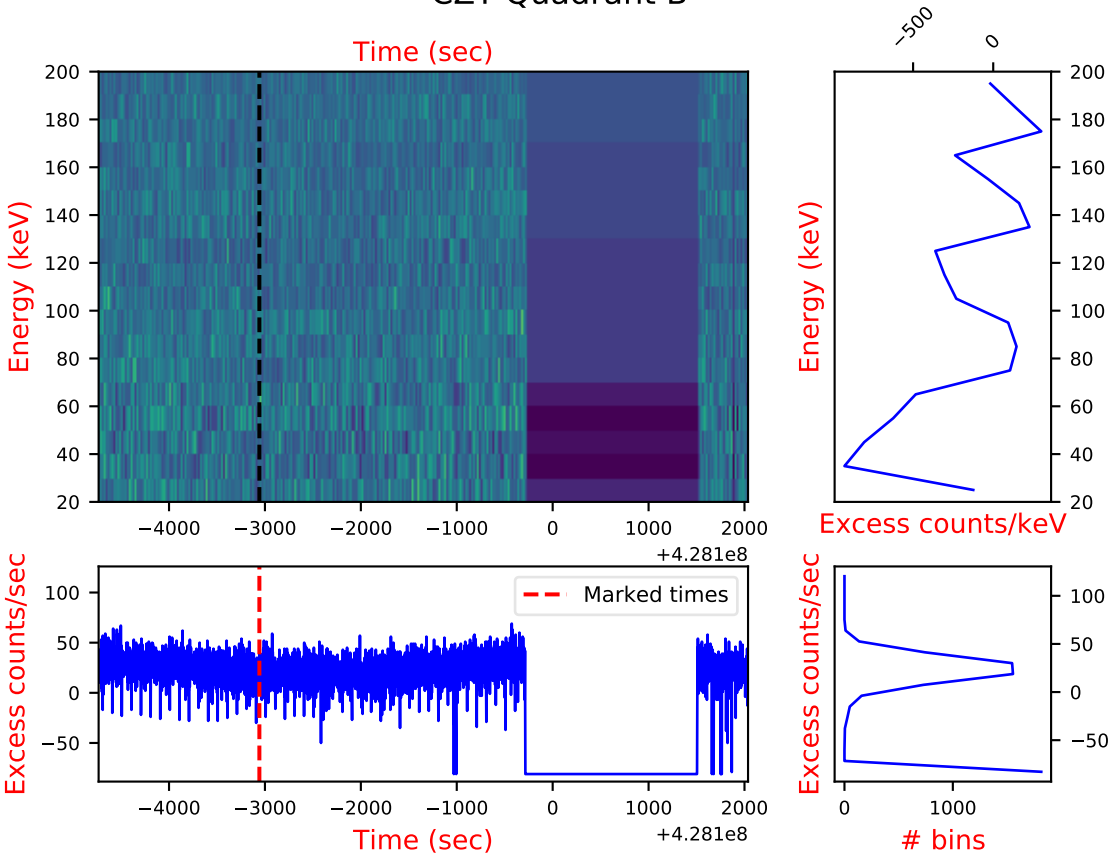

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
+4.281e8

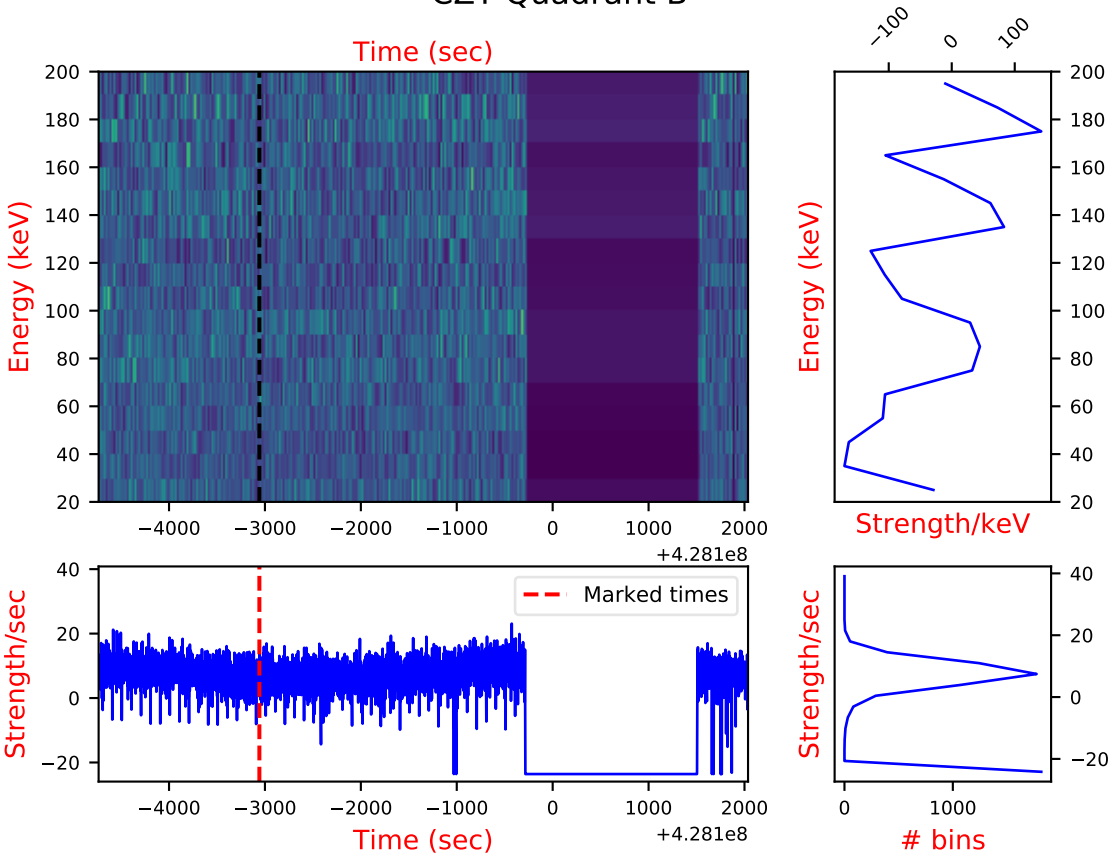

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−1000
0
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins

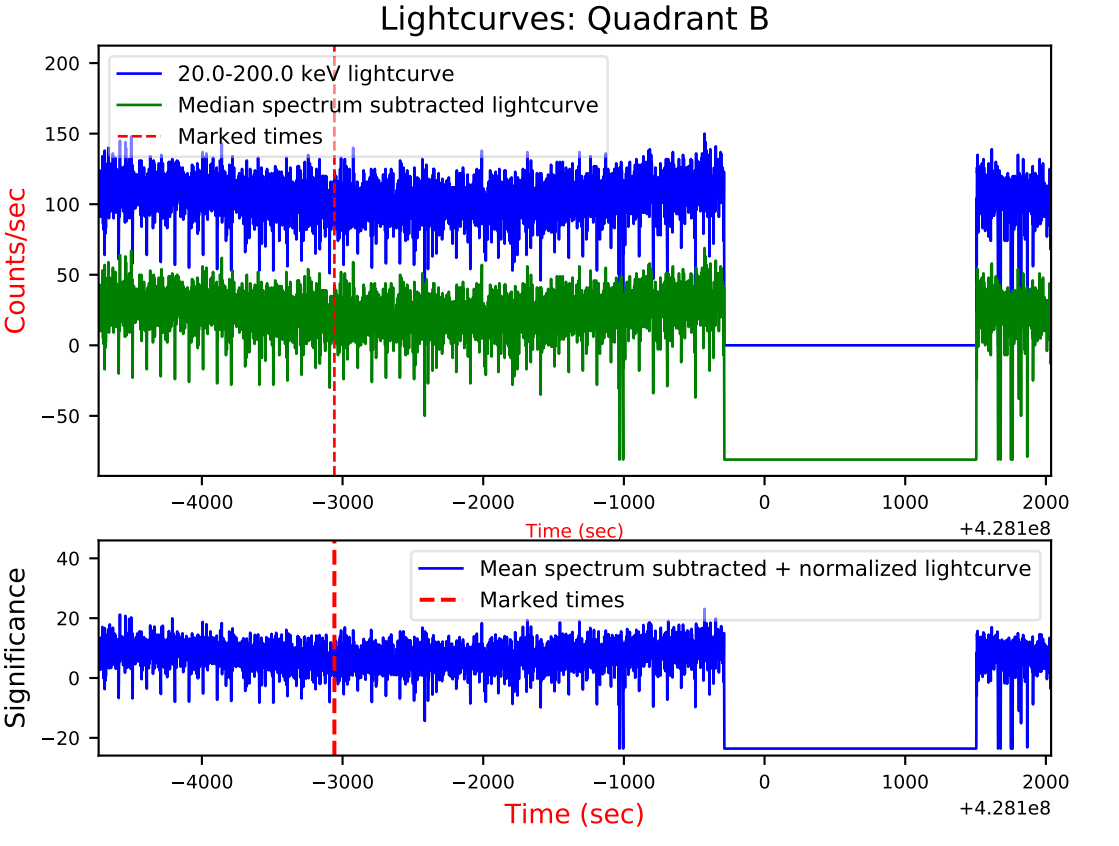

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−200
0
200
Strength/keV
Strength/sec
Marked times
bins

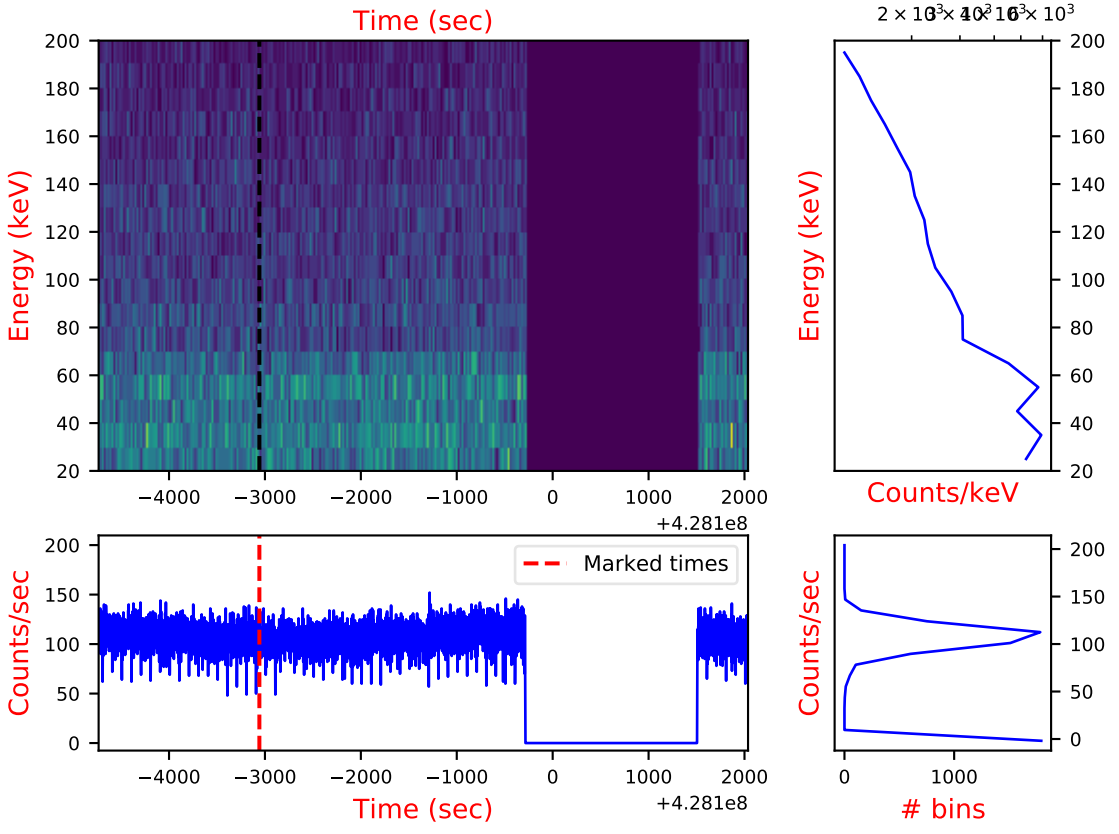

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8

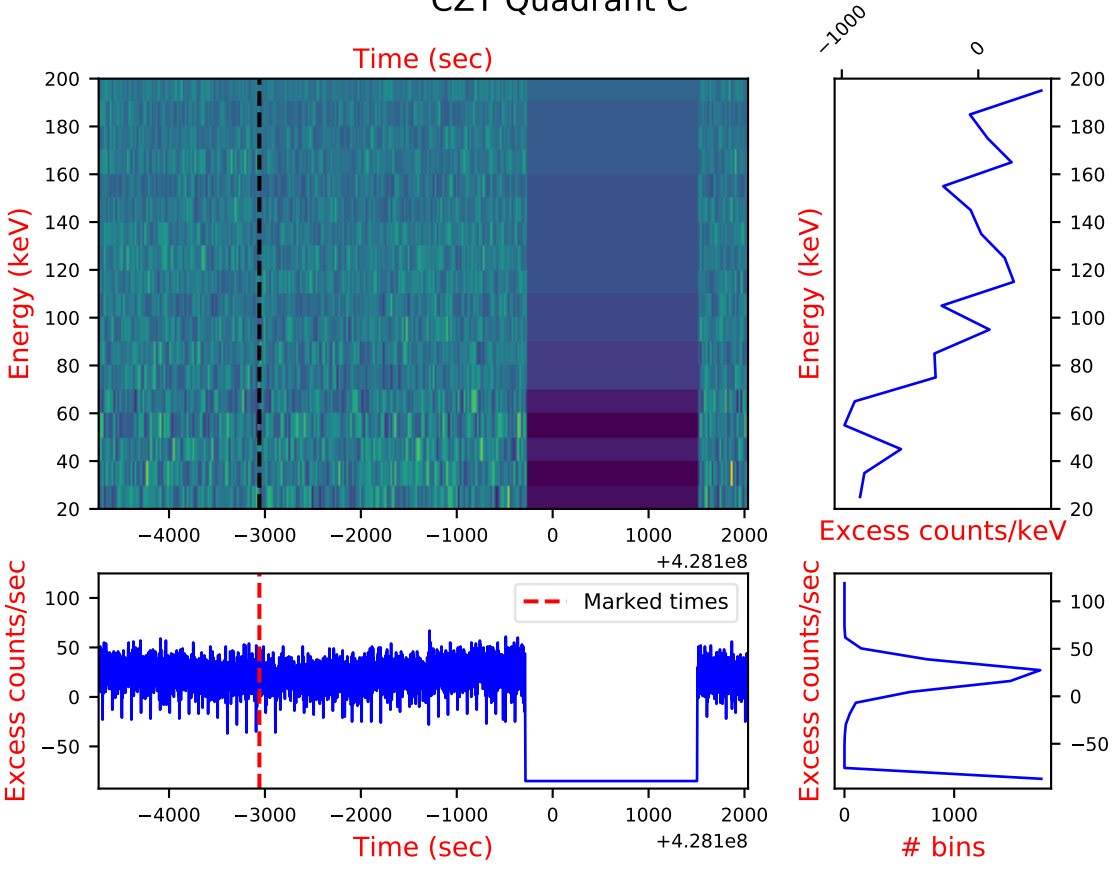

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.281e8

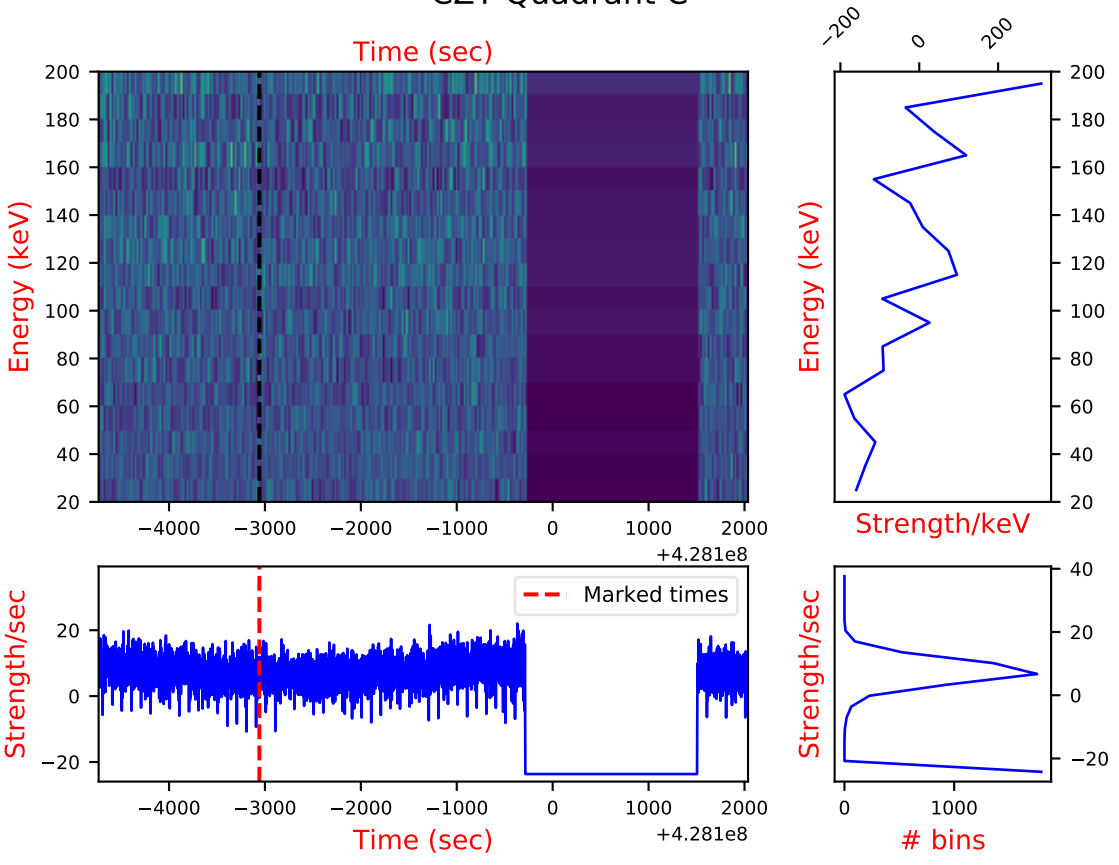

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−500
0
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
bins
1000

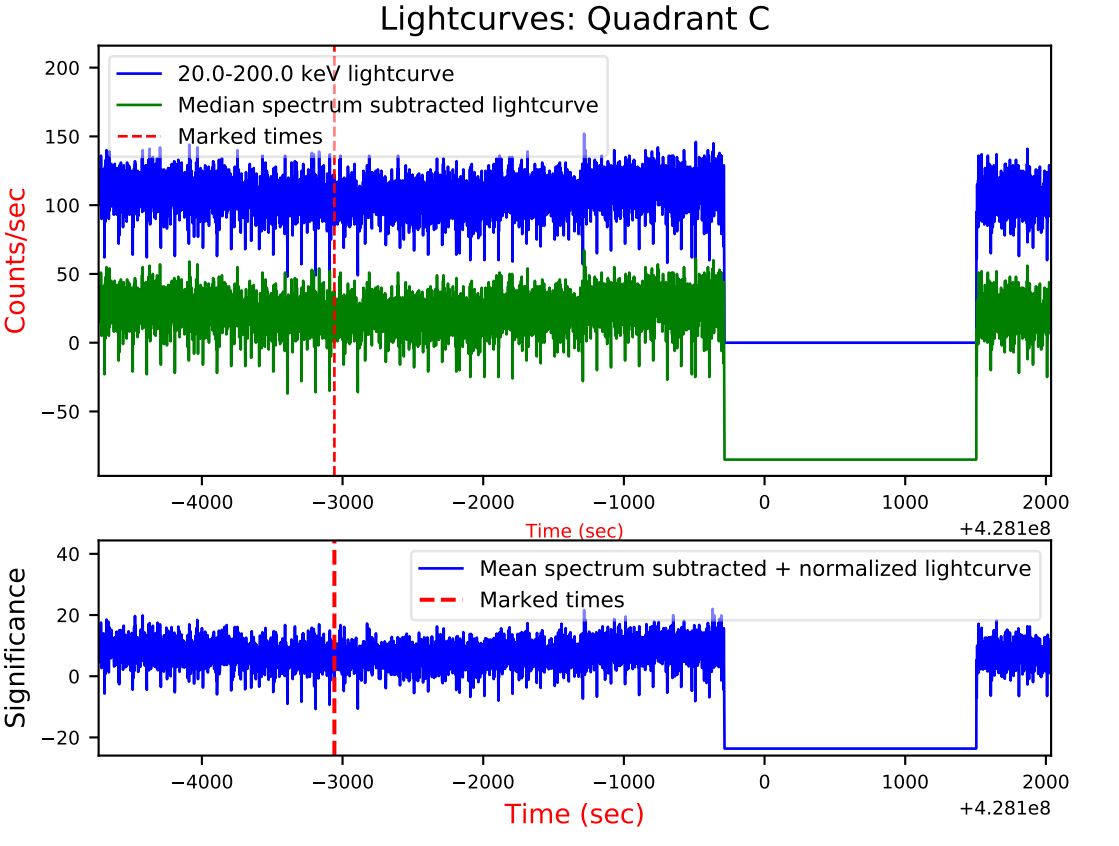

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−100
0
100
Strength/keV
Strength/sec
Marked times
bins

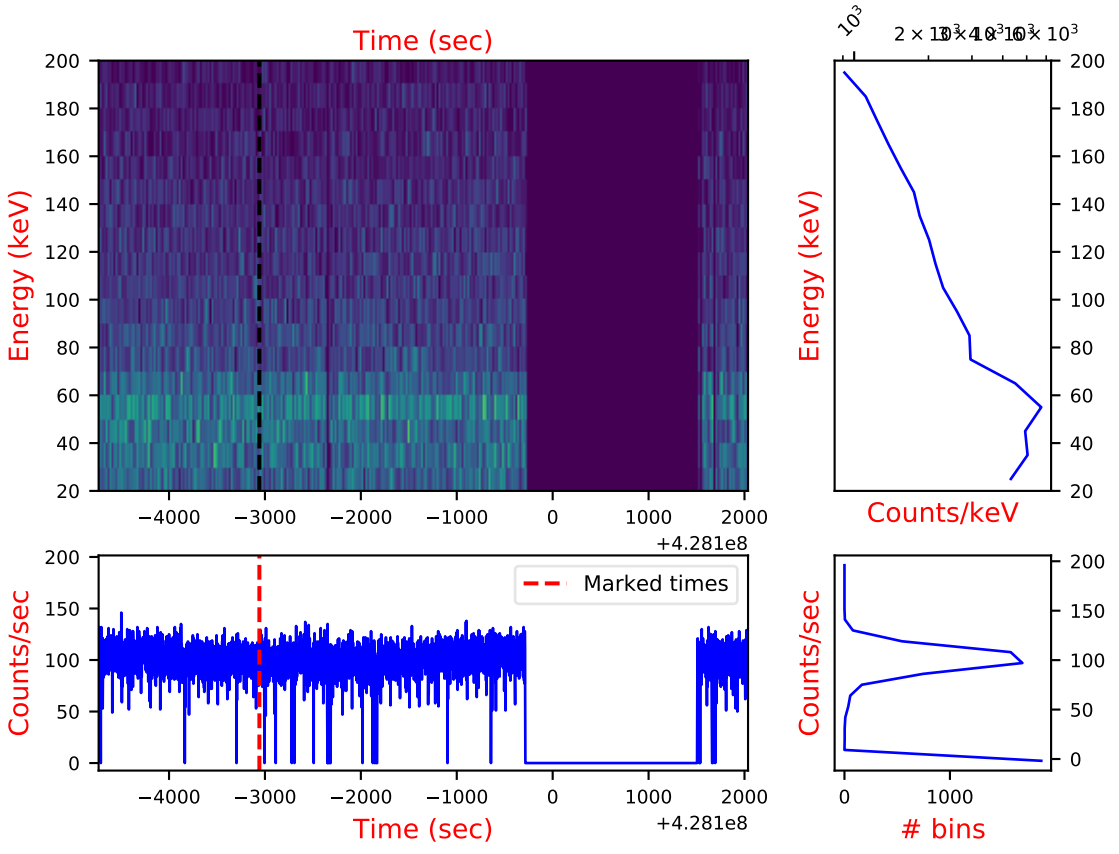

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8

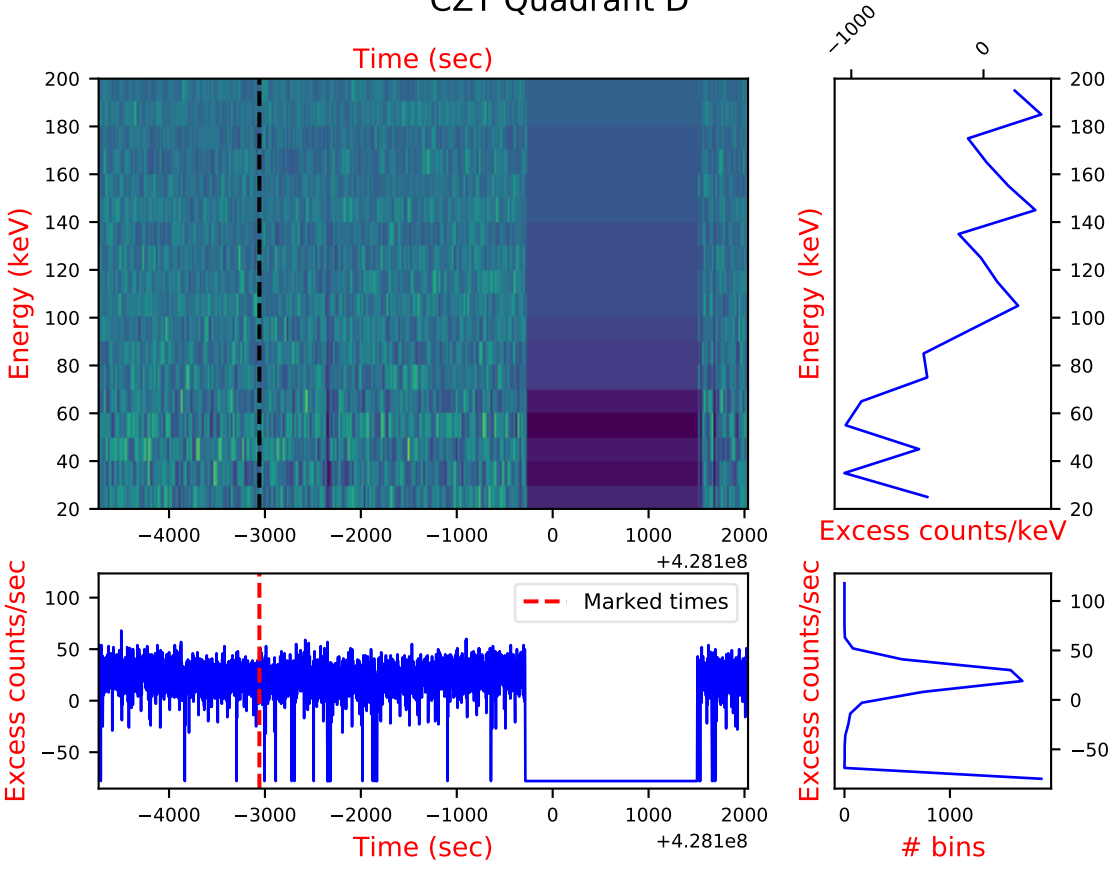

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.281e8
bins

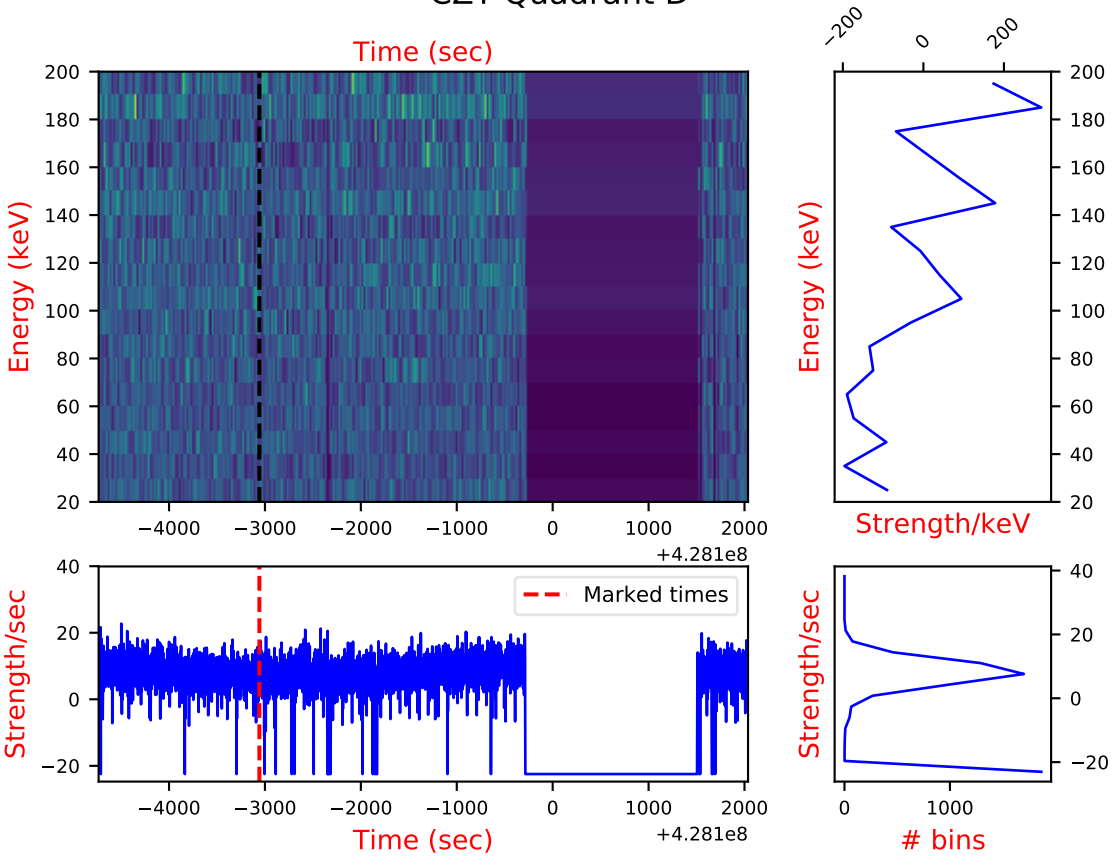

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−1000
0
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins

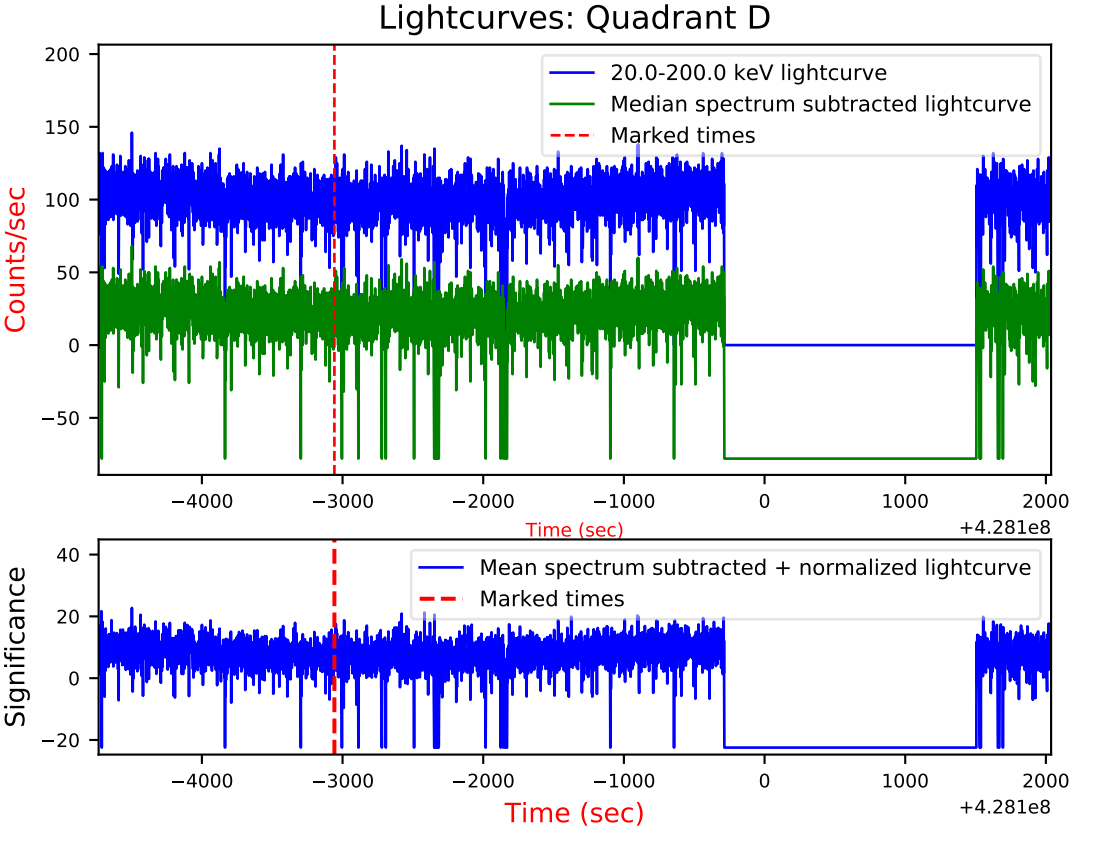

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−200
0
200
Strength/keV
Strength/sec
Marked times
Time (sec)
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.281e8
10^3
2×10^3
3×10^3
4×10^3
6×10^3
8×10^3
10^3


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−1000
0
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
+4.281e8
bins
1000


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−4000
−3000
−2000
−1000
0
1000
2000
+4.281e8
−200
0
200
Strength/keV
Strength/sec
Marked times
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−4000
−3000
−2000
−1000
0
1000
2000
Time (sec)
+4.281e8