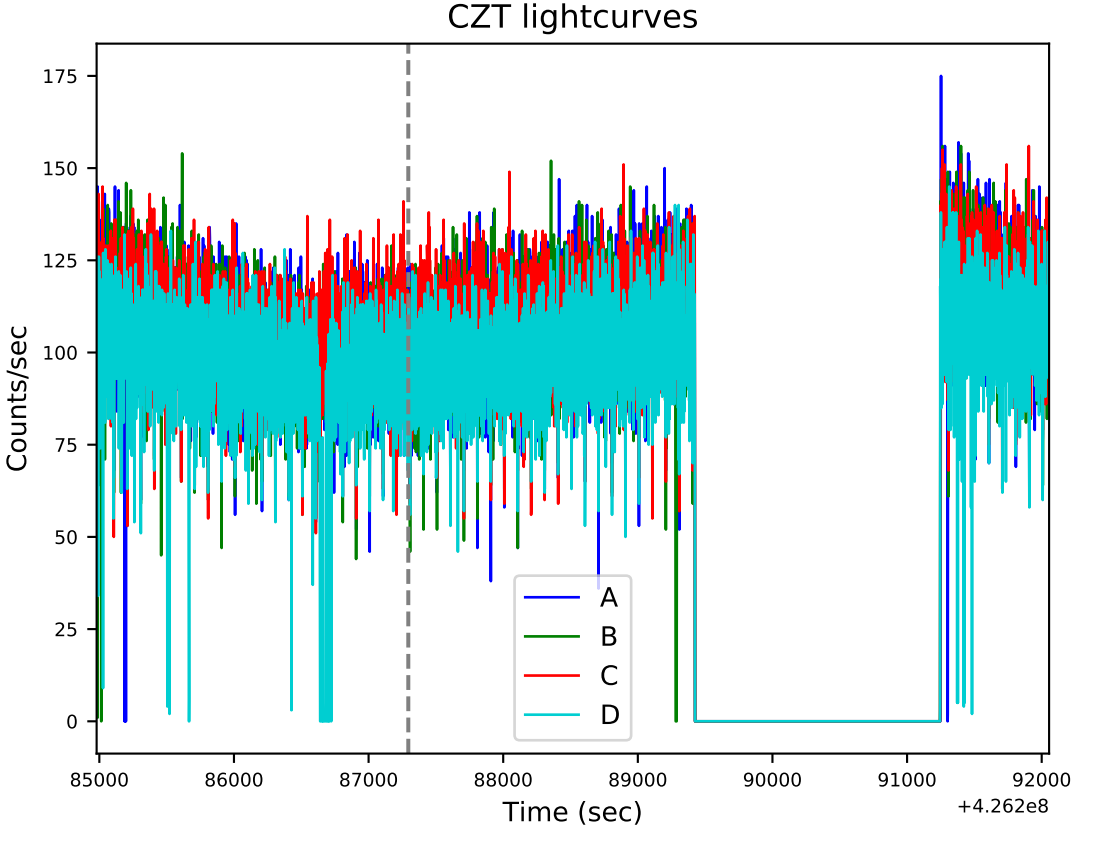
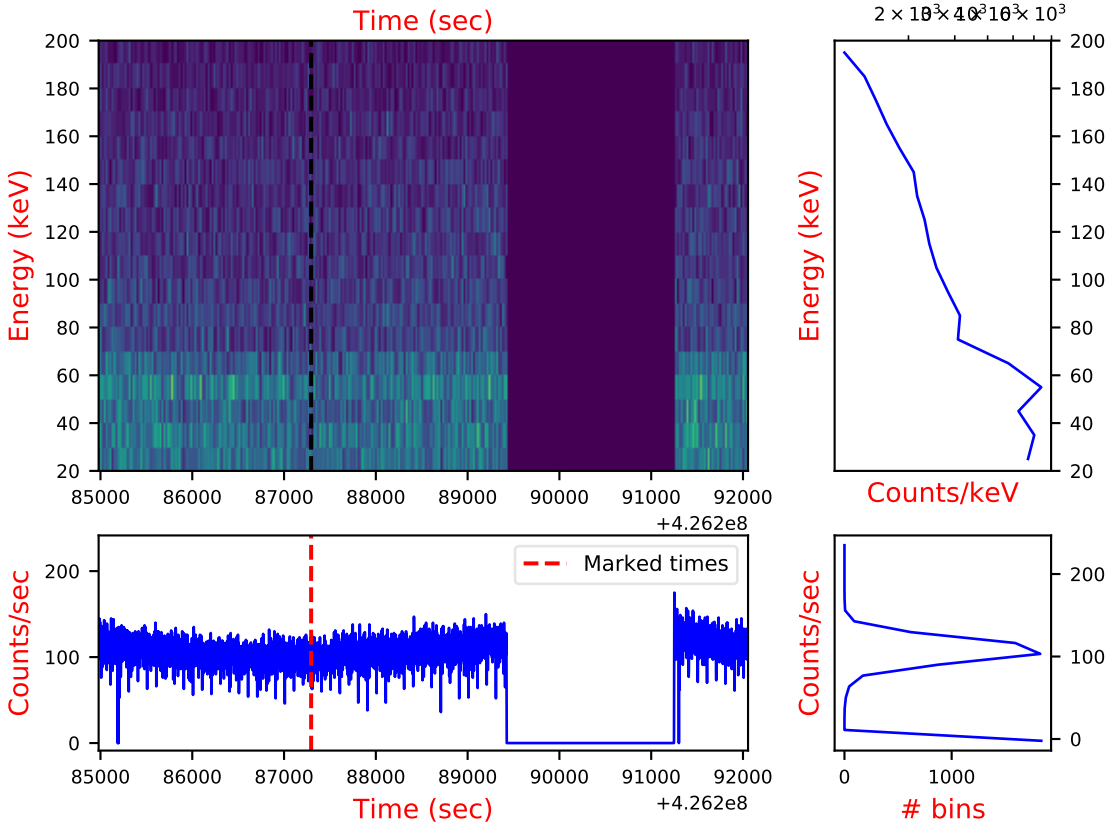
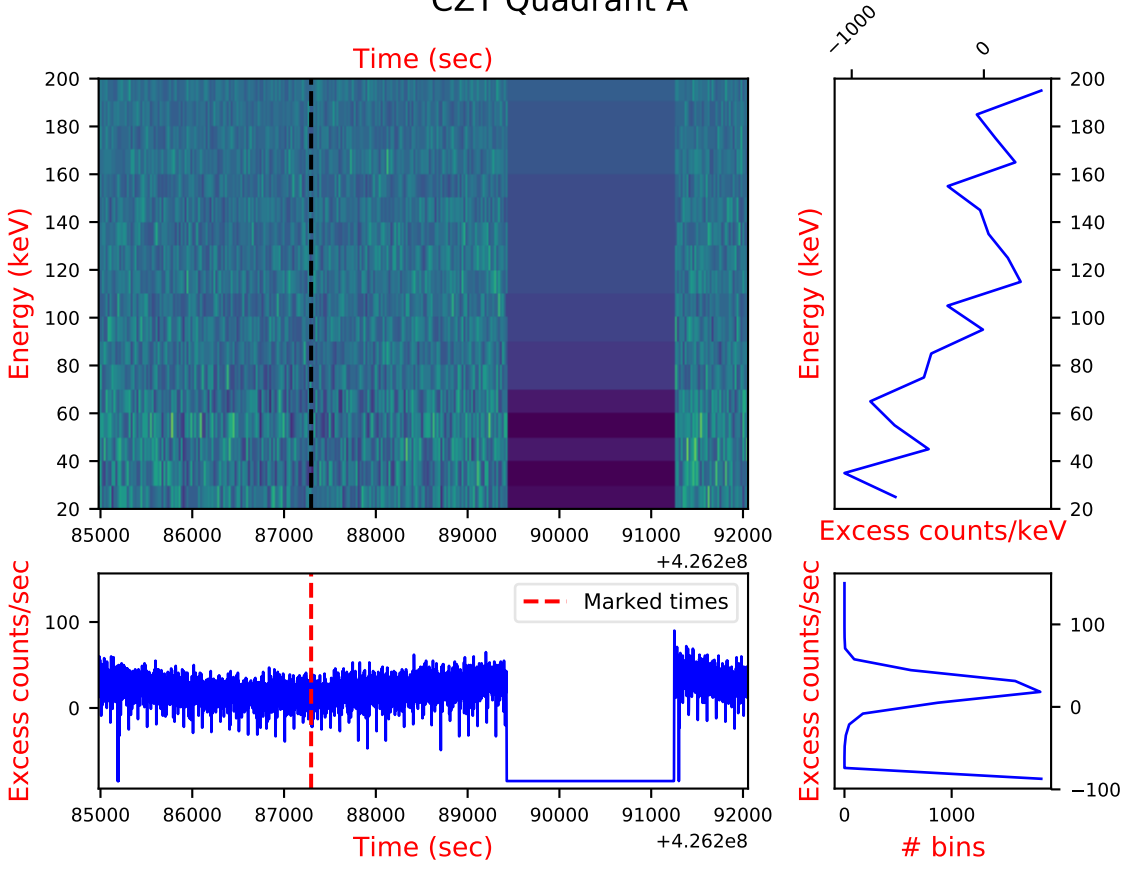
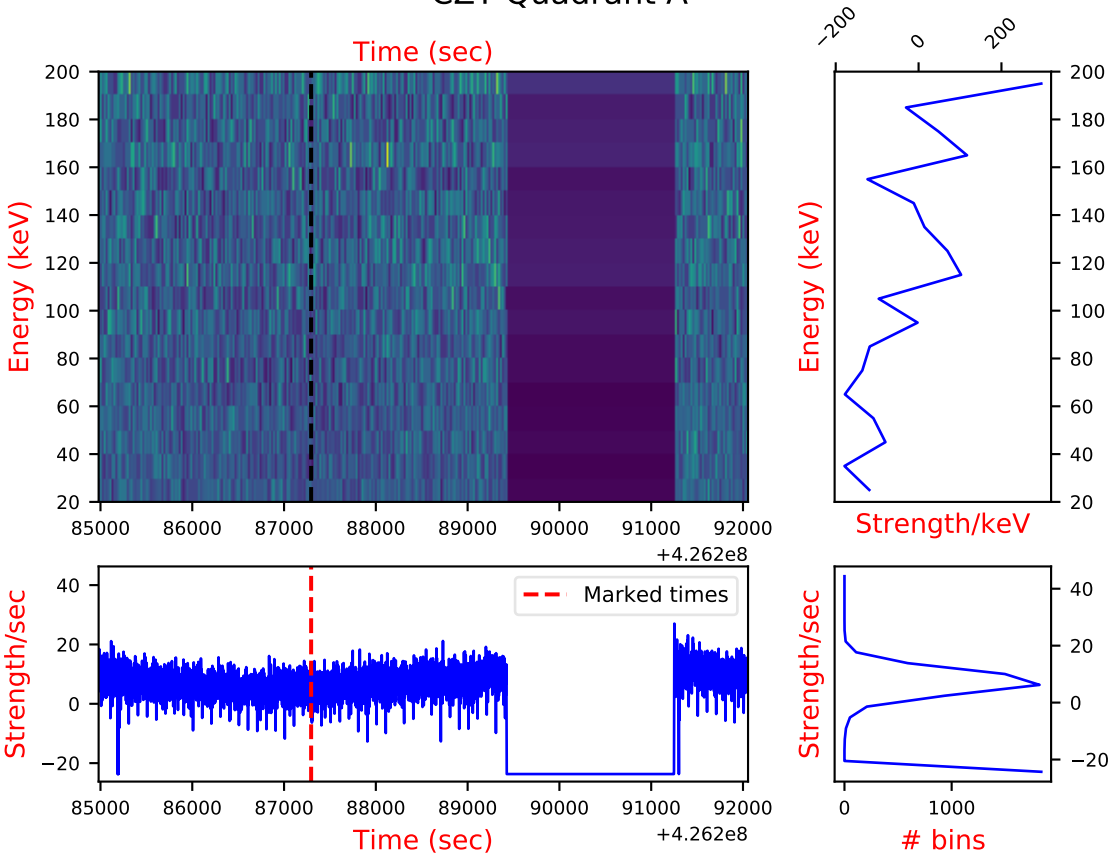
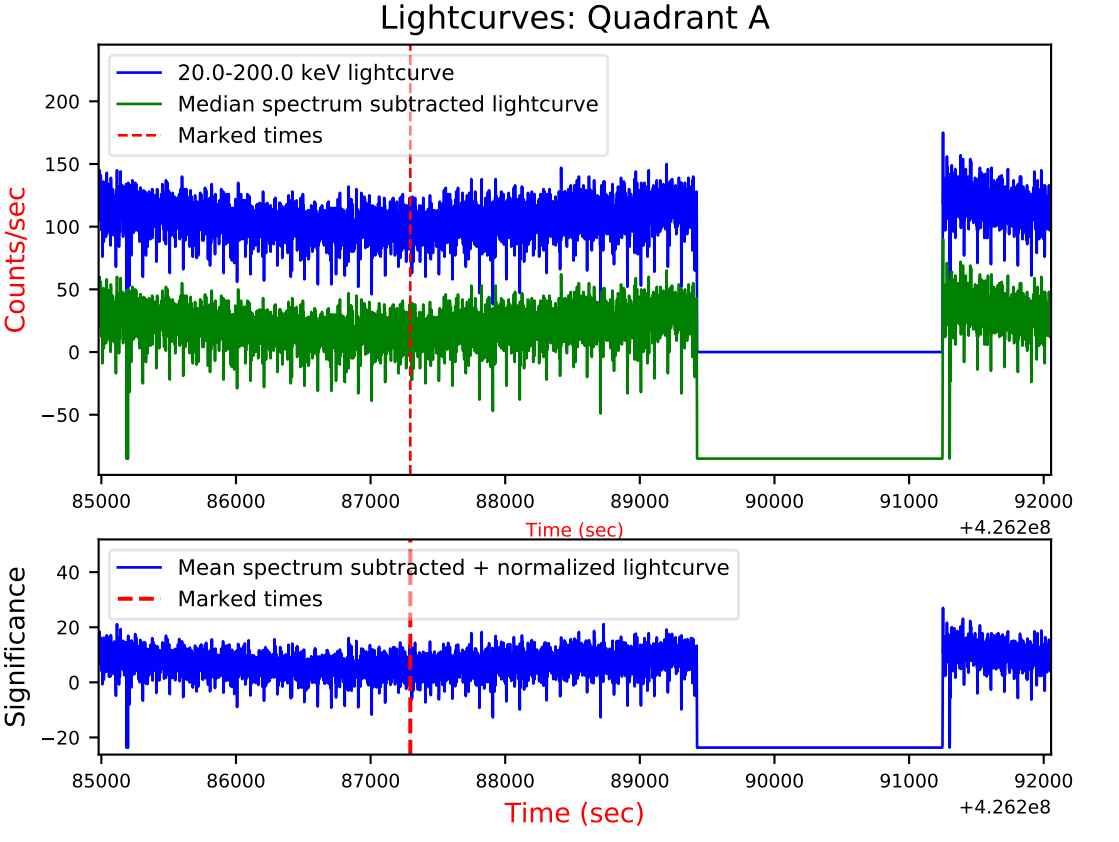
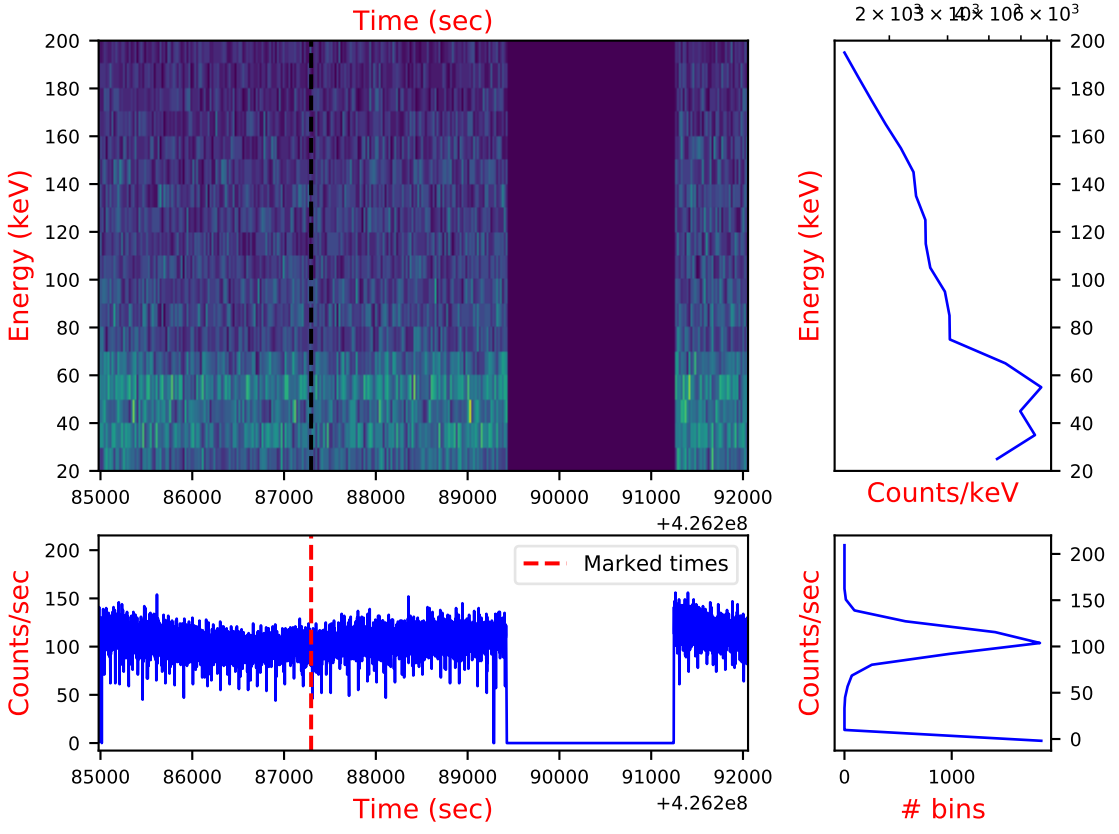

CZT lightcurves
Counts/sec
175
150
125
100
75
50
25
0
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8
A
B
C
D

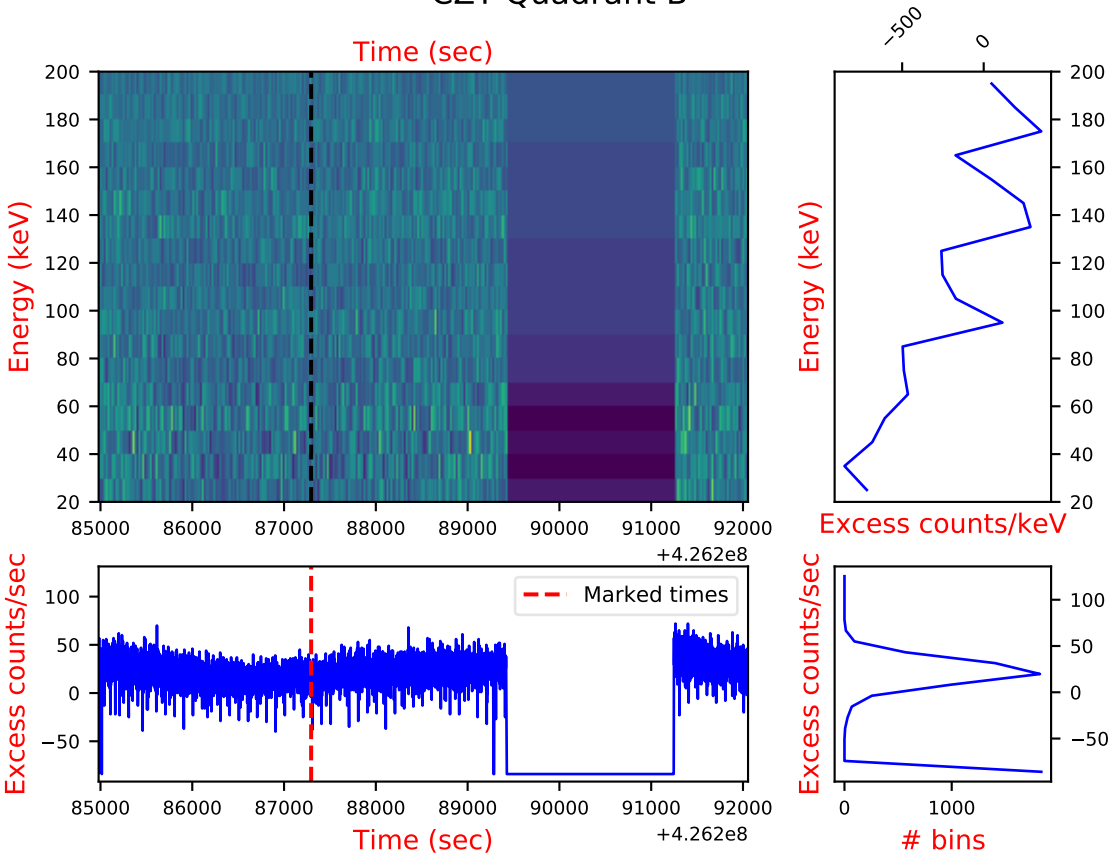

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.262e8

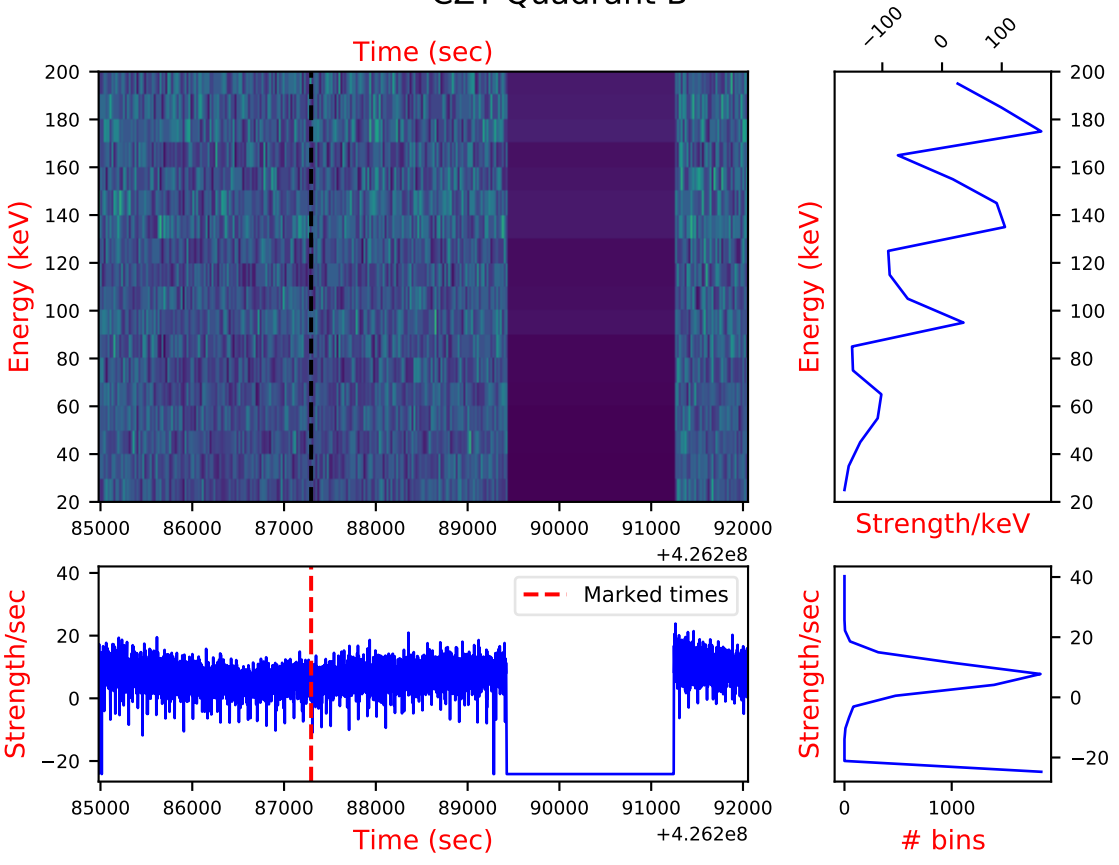

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
−1000
0
Excess counts/keV
+4.262e8
Excess counts/sec
Marked times
100
0
−100
bins
1000

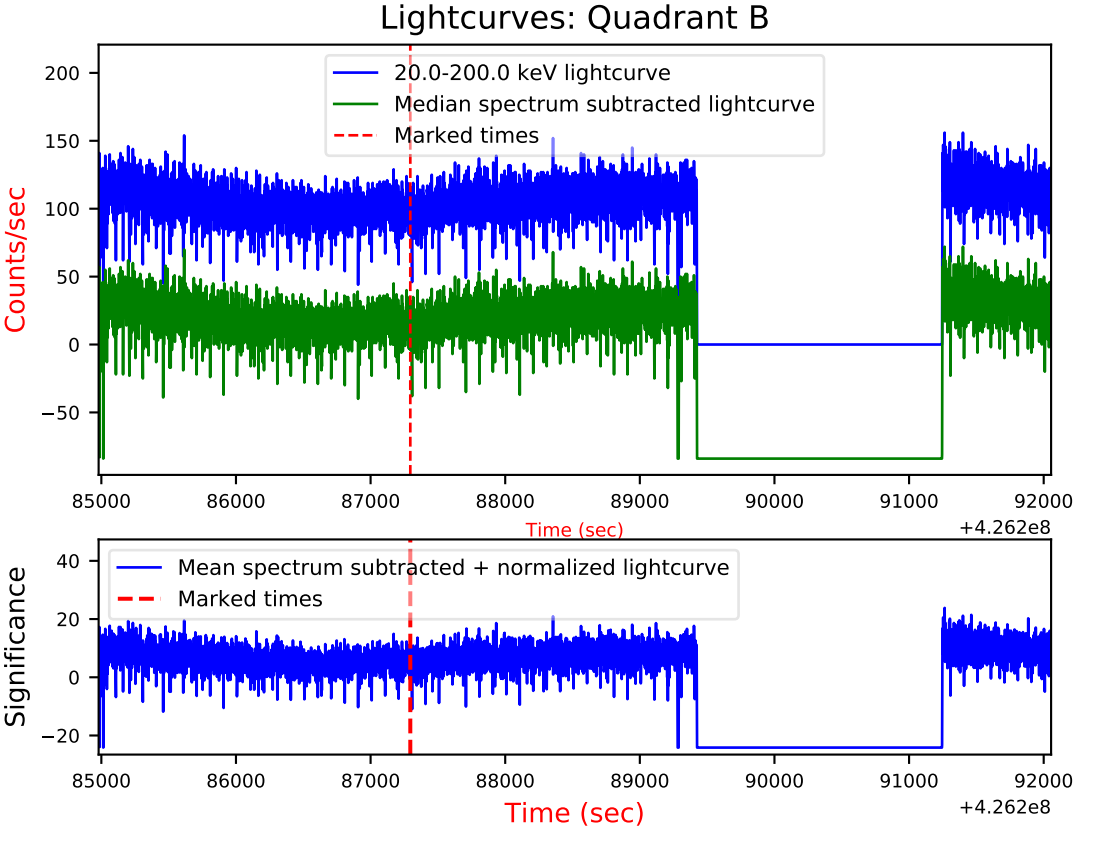

CZT Quadrant A
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
bins
+4.262e8

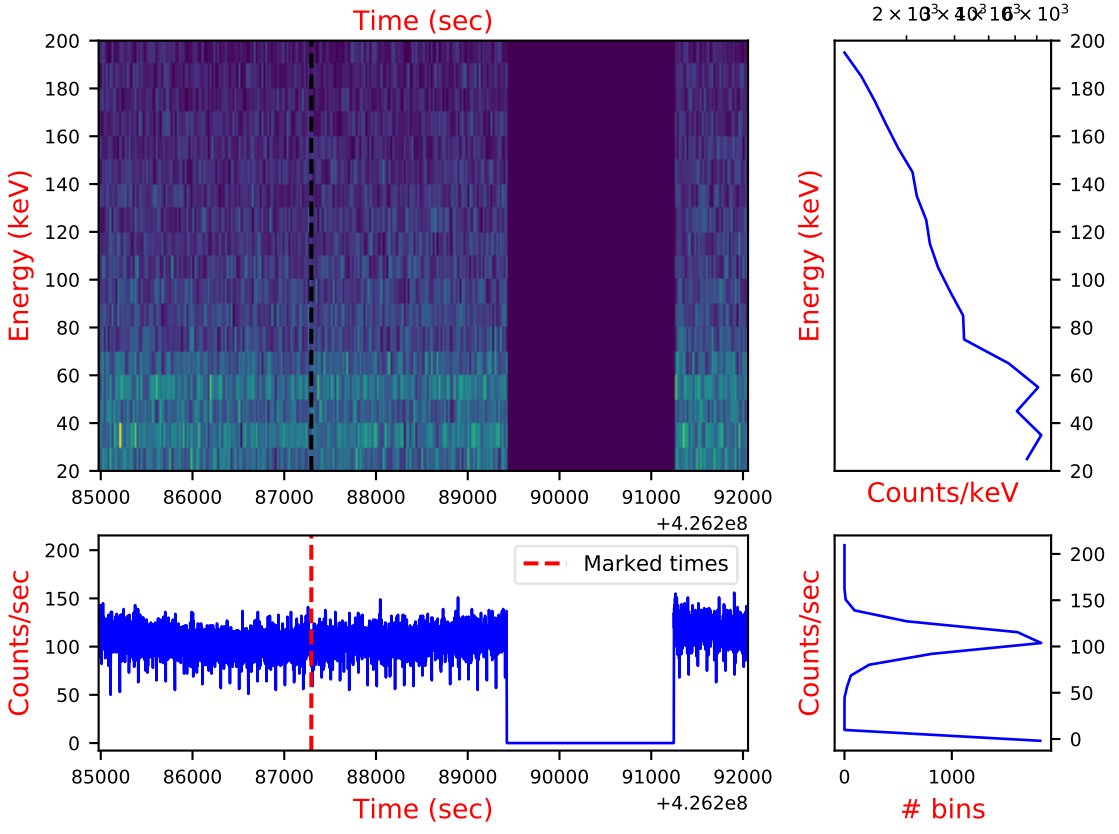

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8

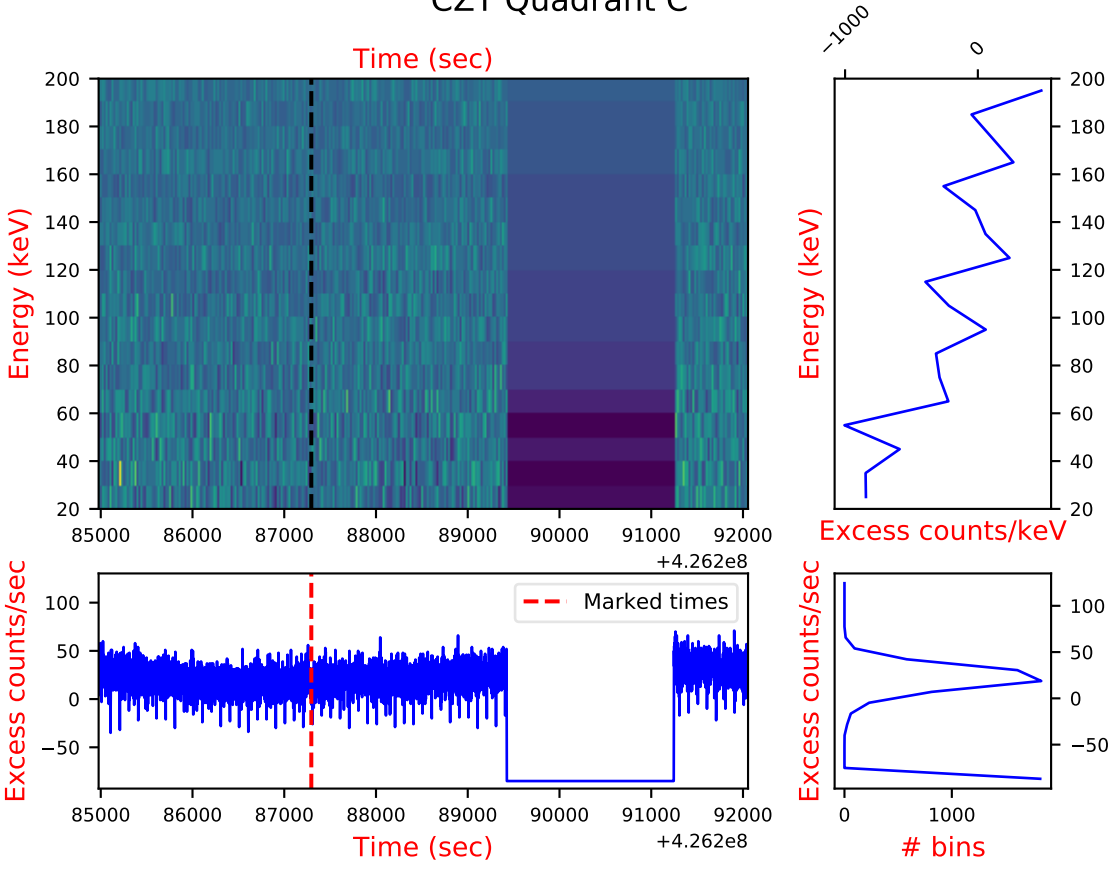

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.262e8
bins

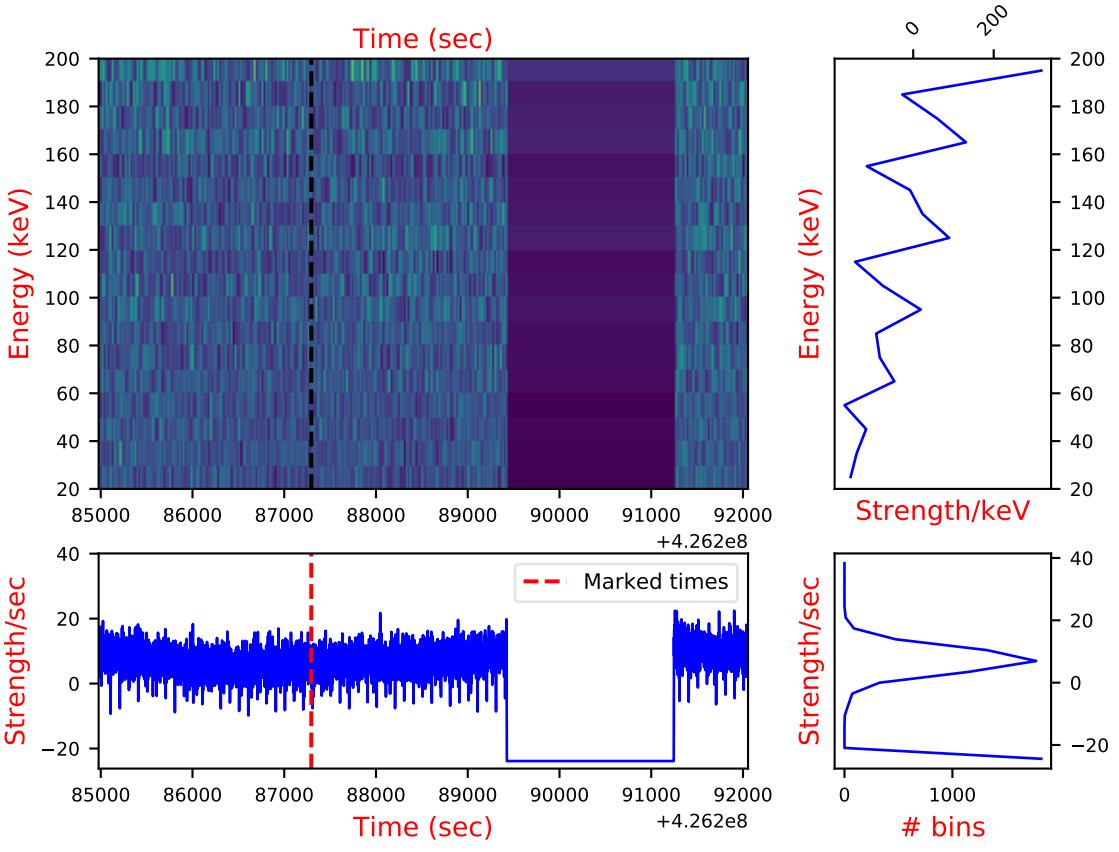

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
−500
0
Excess counts/keV
+4.262e8
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins
1000

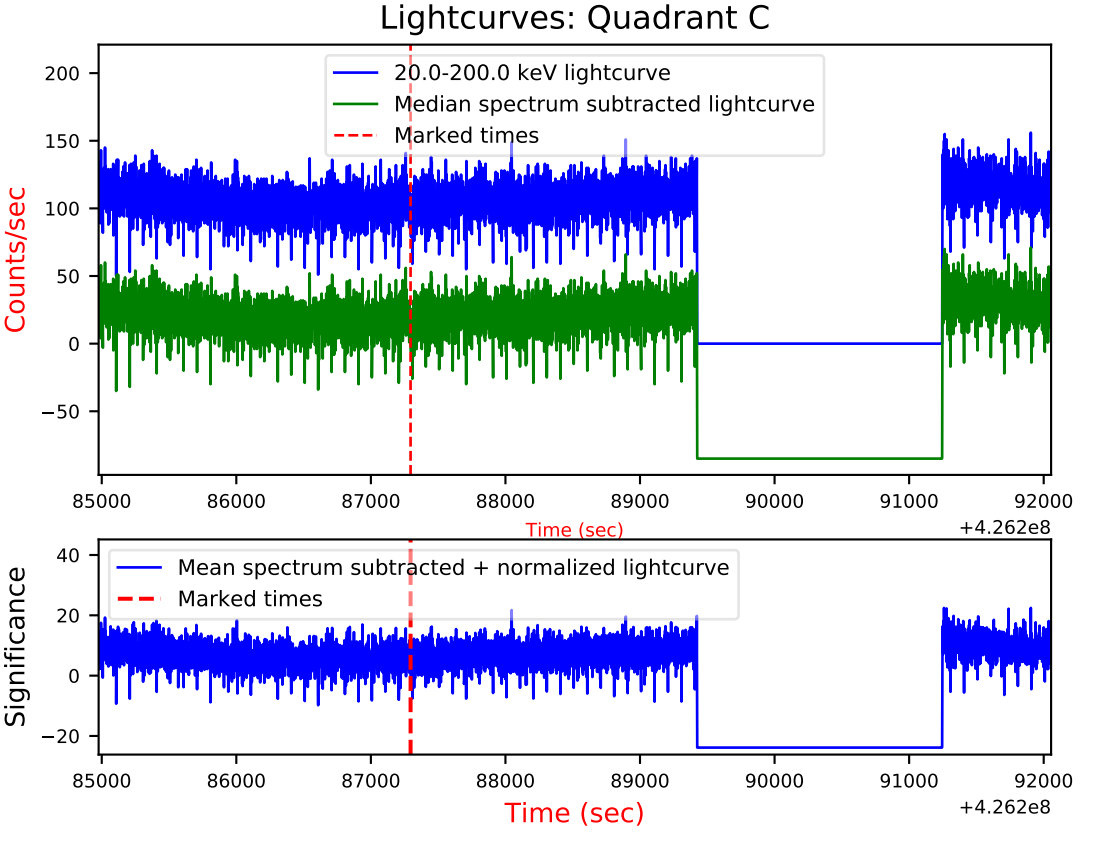

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
+4.262e8
−100
0
100
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
+4.262e8
1000
bins

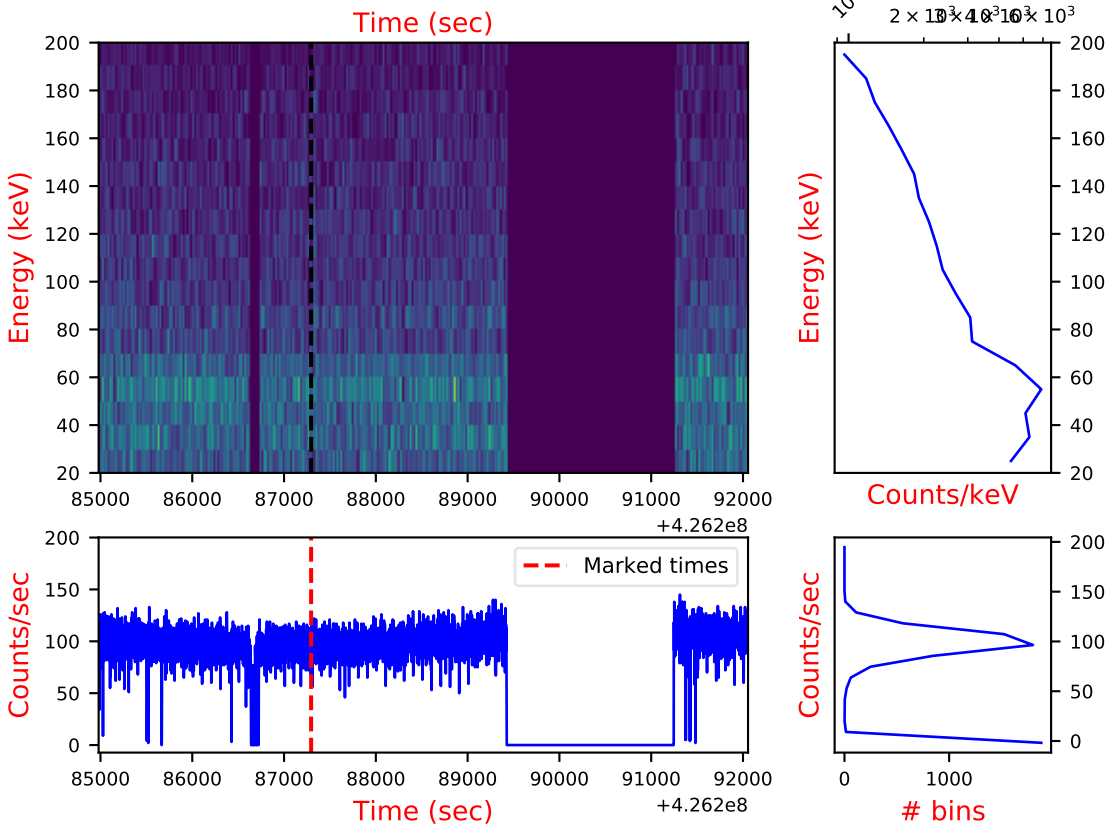

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8

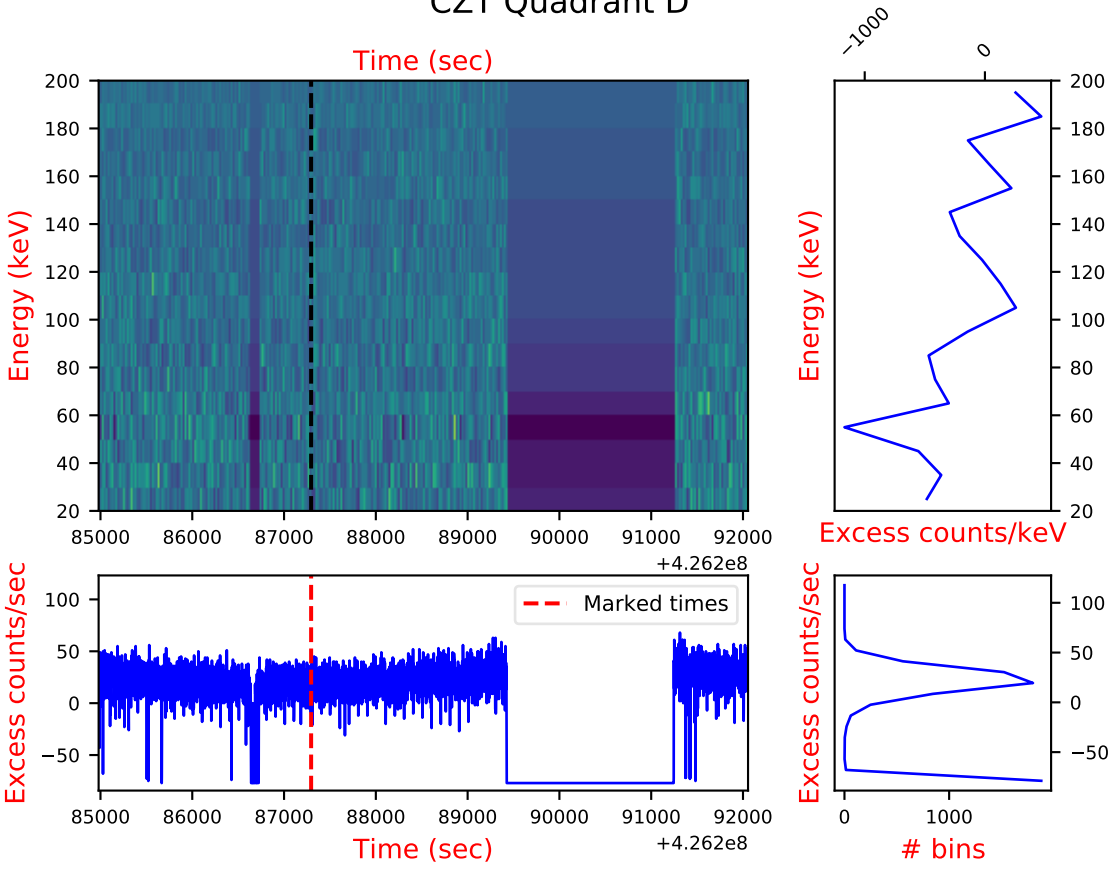

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.262e8

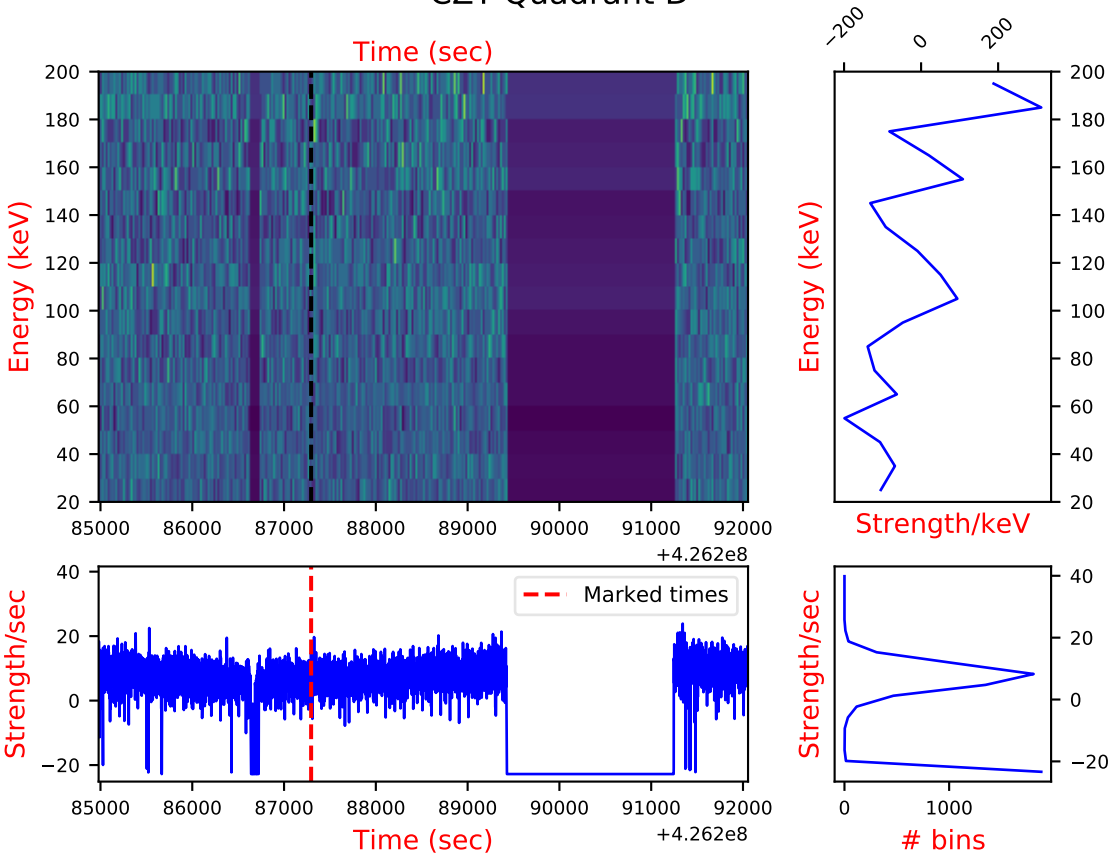

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
−1000
0
Energy (keV)
Excess counts/keV
+4.262e8
Excess counts/sec
100
50
0
−50
Marked times
Excess counts/sec
Time (sec)
+4.262e8
1000
bins

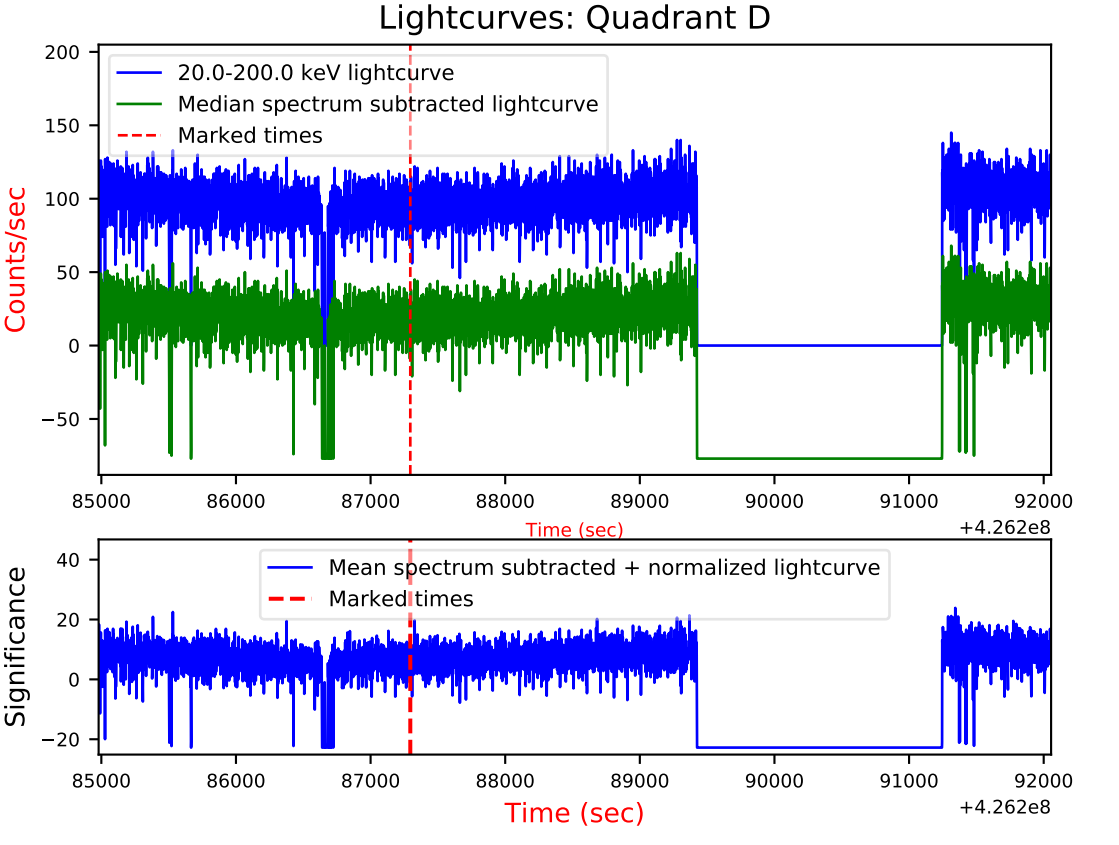

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
+4.262e8
0
200
Energy (keV)
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
+4.262e8
Strength/sec
0
1000
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.262e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
−1000
0
Excess counts/keV
+4.262e8
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins
1000


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
85000
86000
87000
88000
89000
90000
91000
92000
+4.262e8
−200
0
200
Strength/keV
Strength/sec
Marked times
Time (sec)
bins
1000


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
85000
86000
87000
88000
89000
90000
91000
92000
Time (sec)
+4.262e8