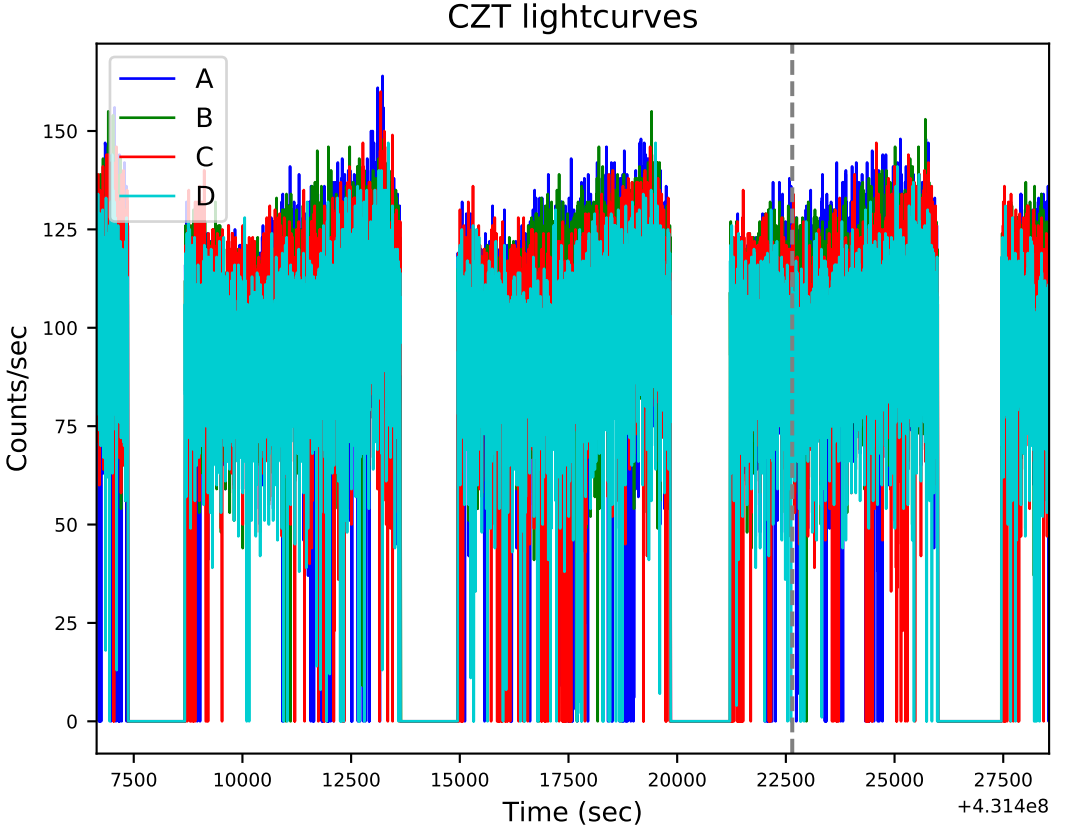
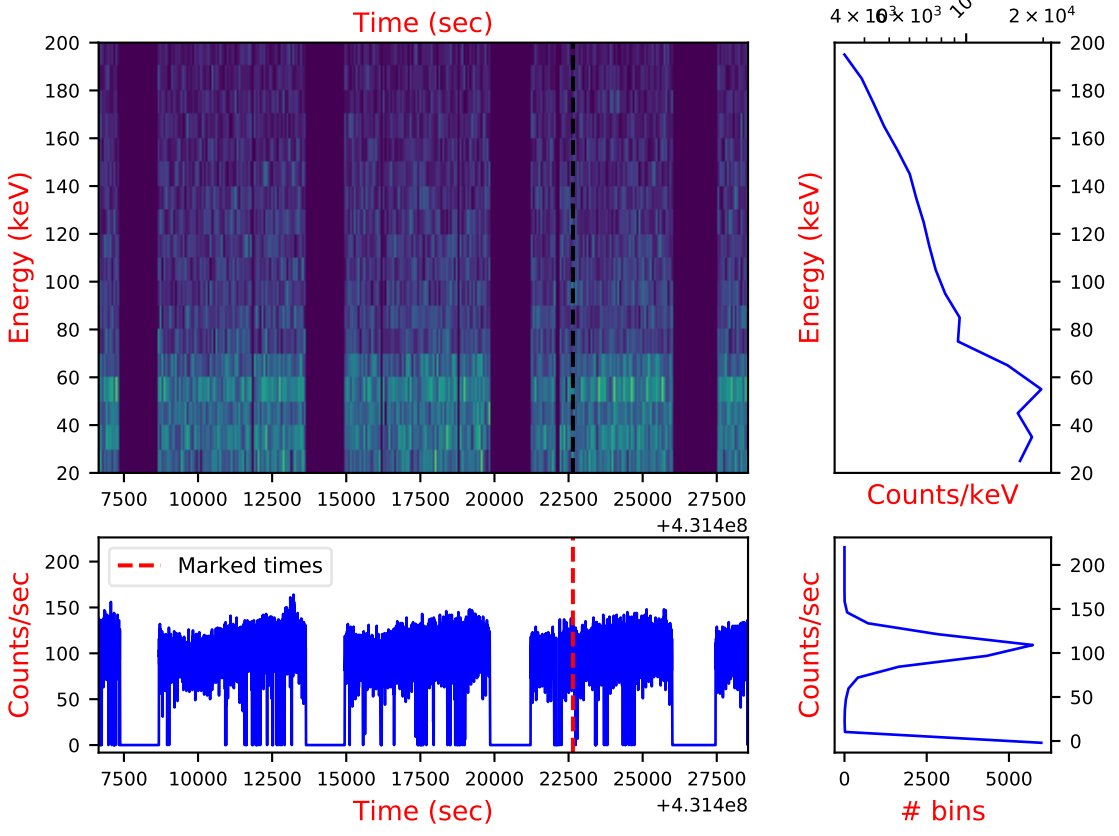
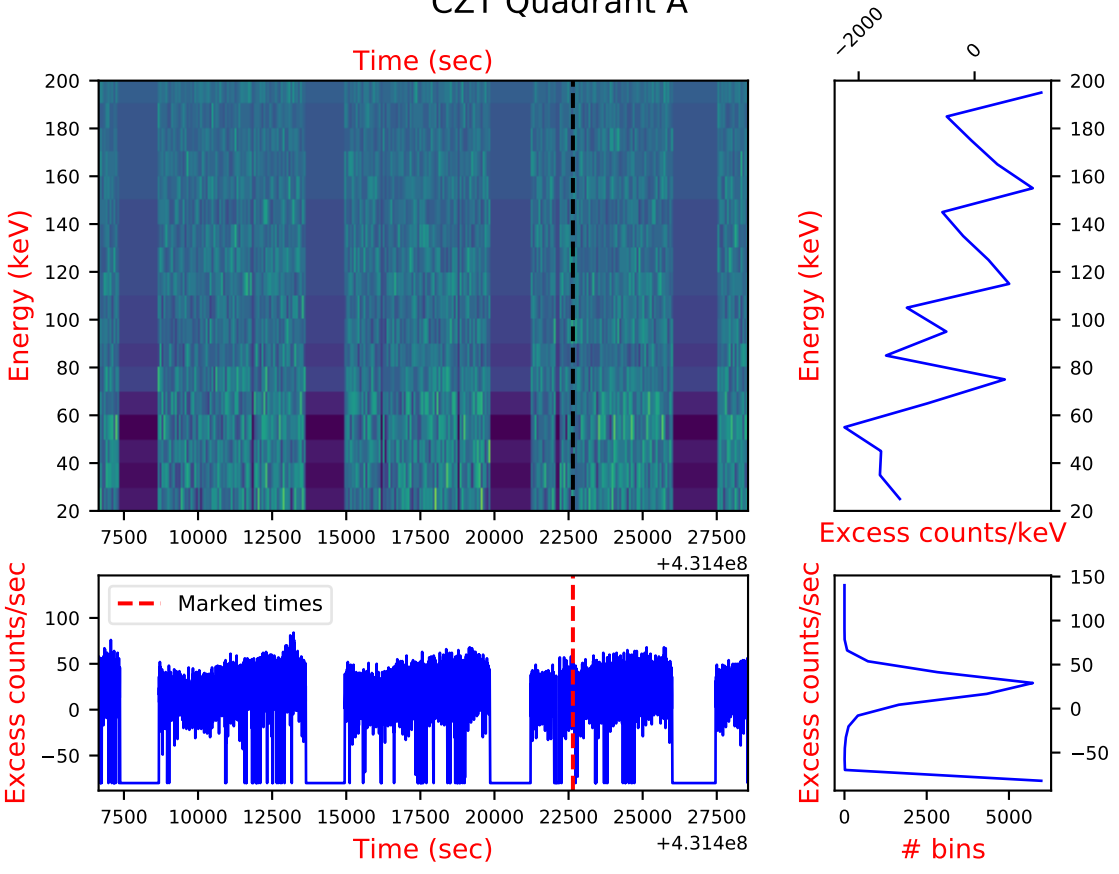
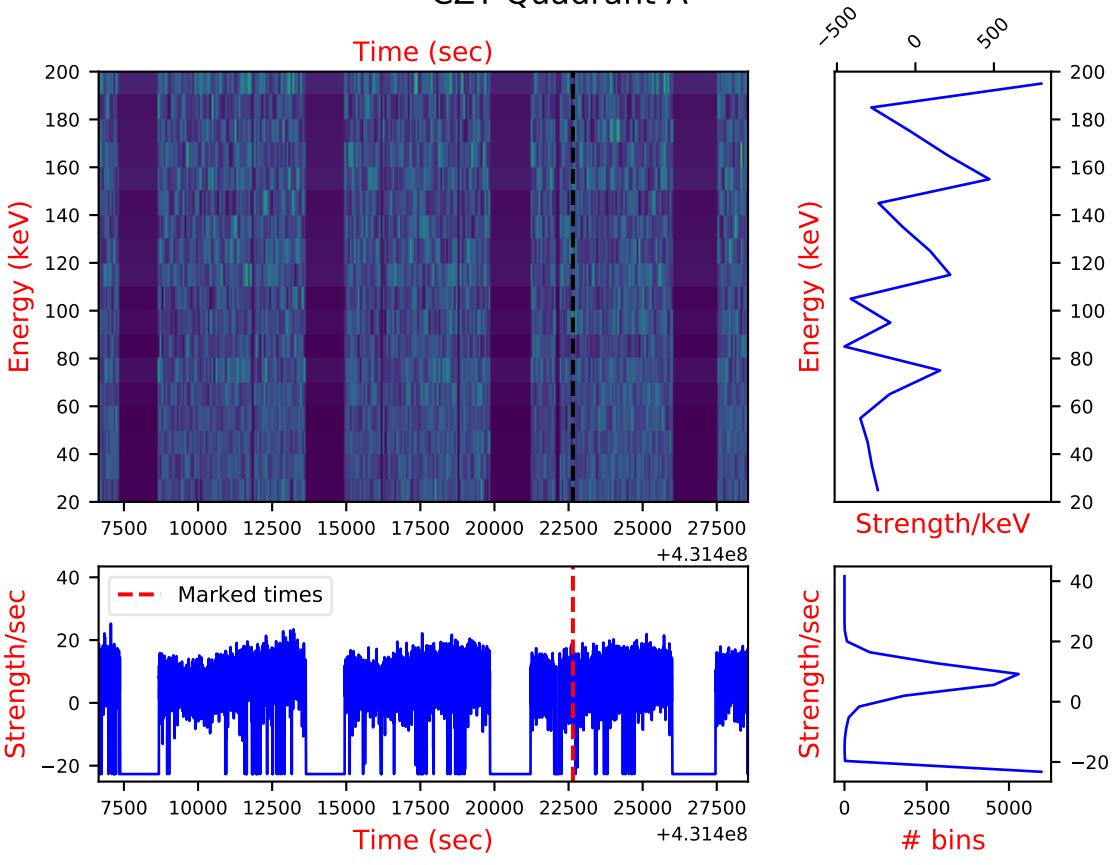
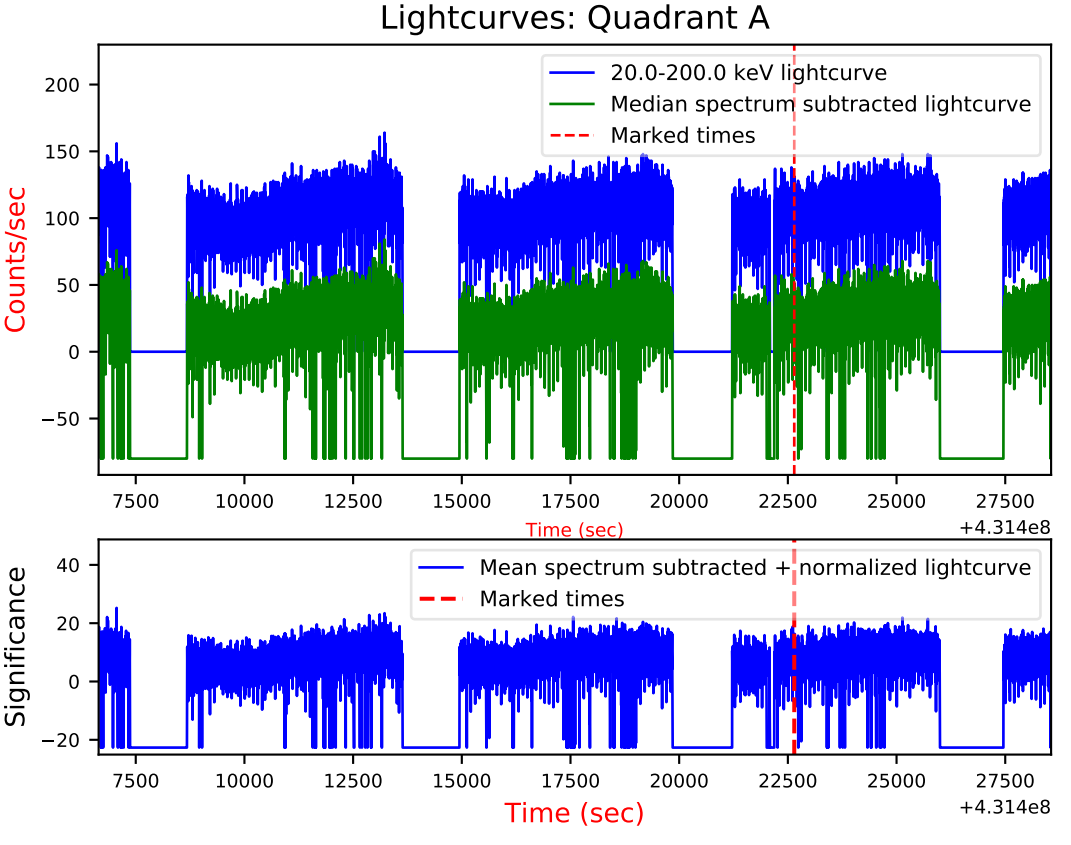
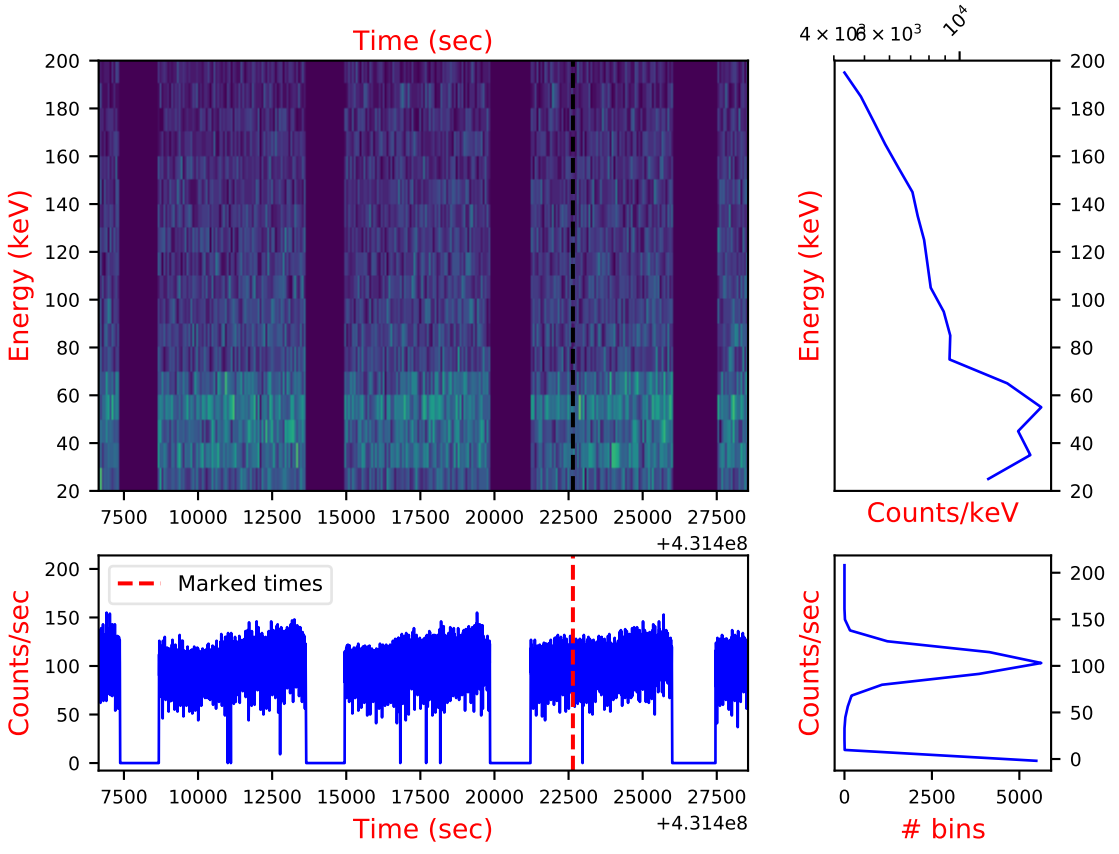

CZT lightcurves
A
B
C
D
Counts/sec
0
25
50
75
100
125
150
7500
10000
12500
15000
17500
20000
22500
25000
27500
Time (sec)
+4.314e8

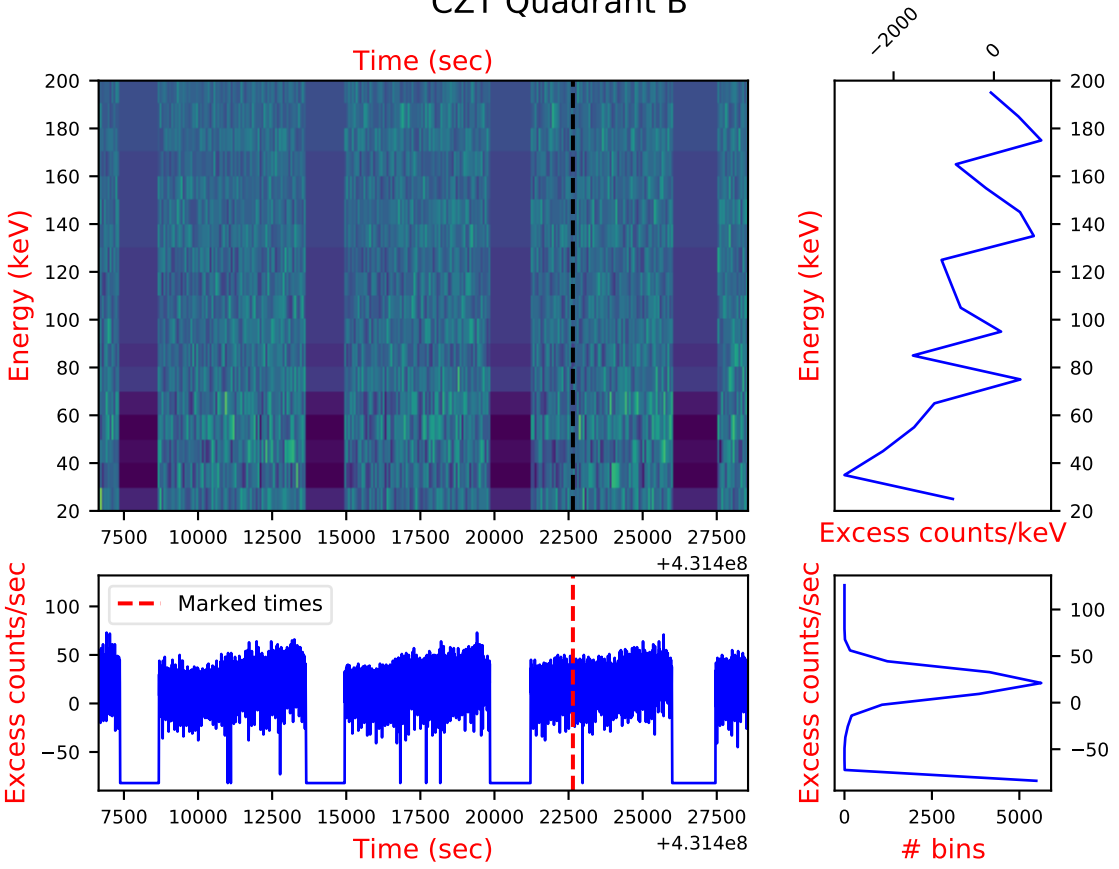

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.314e8

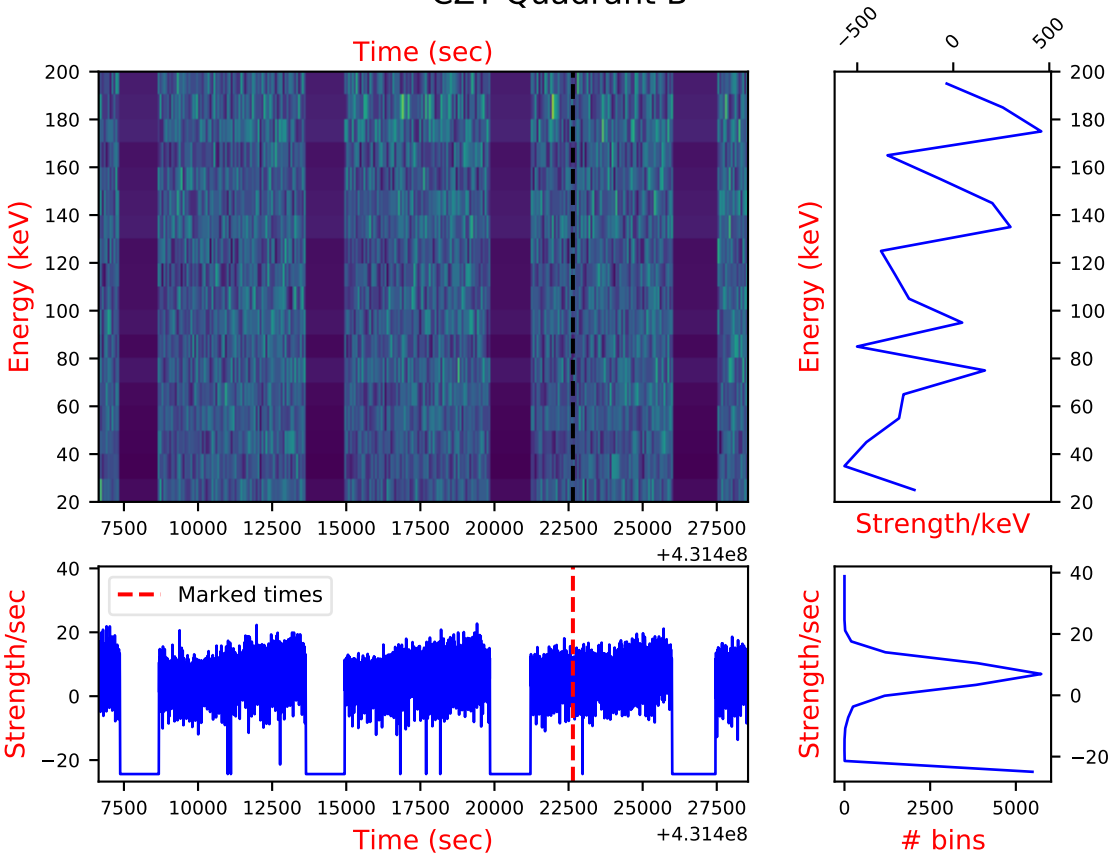

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
−2000
0
Energy (keV)
Excess counts/keV
Marked times
Excess counts/sec
100
50
0
−50
Time (sec)
+4.314e8
Excess counts/sec
150
100
50
0
−50
0
2500
5000
bins

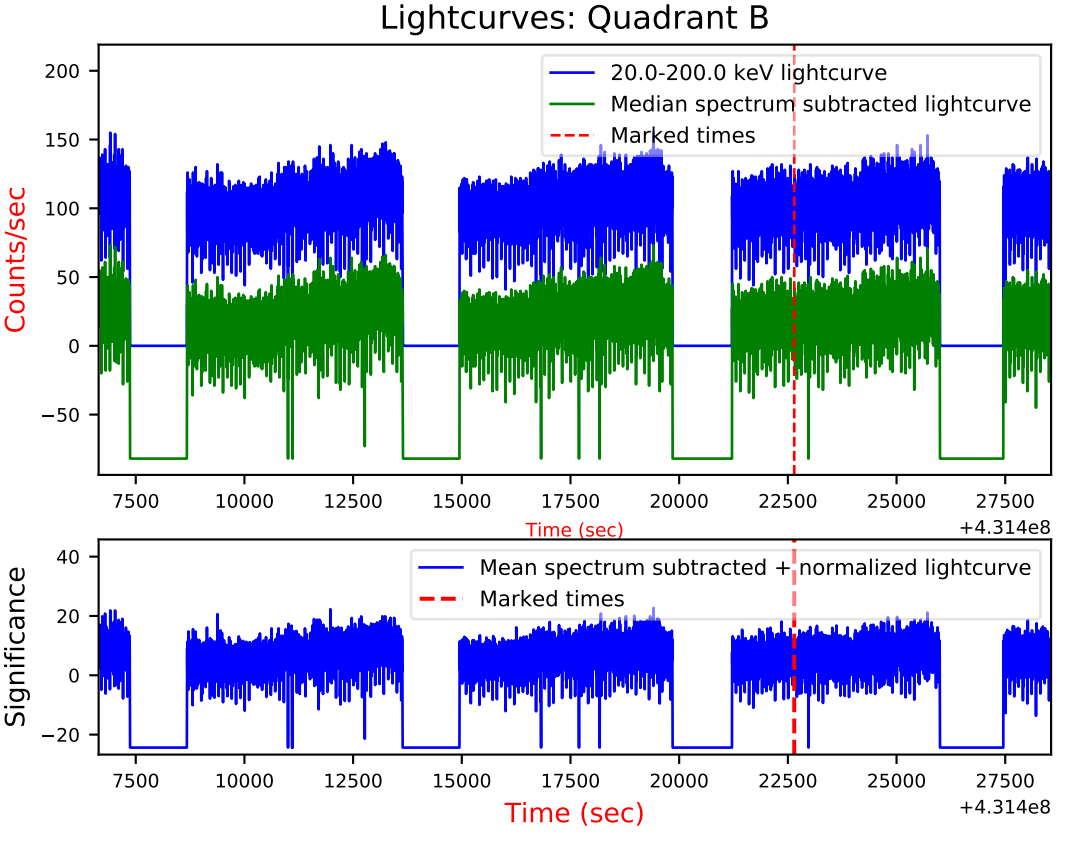

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
−500
0
500
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
2500
5000
bins

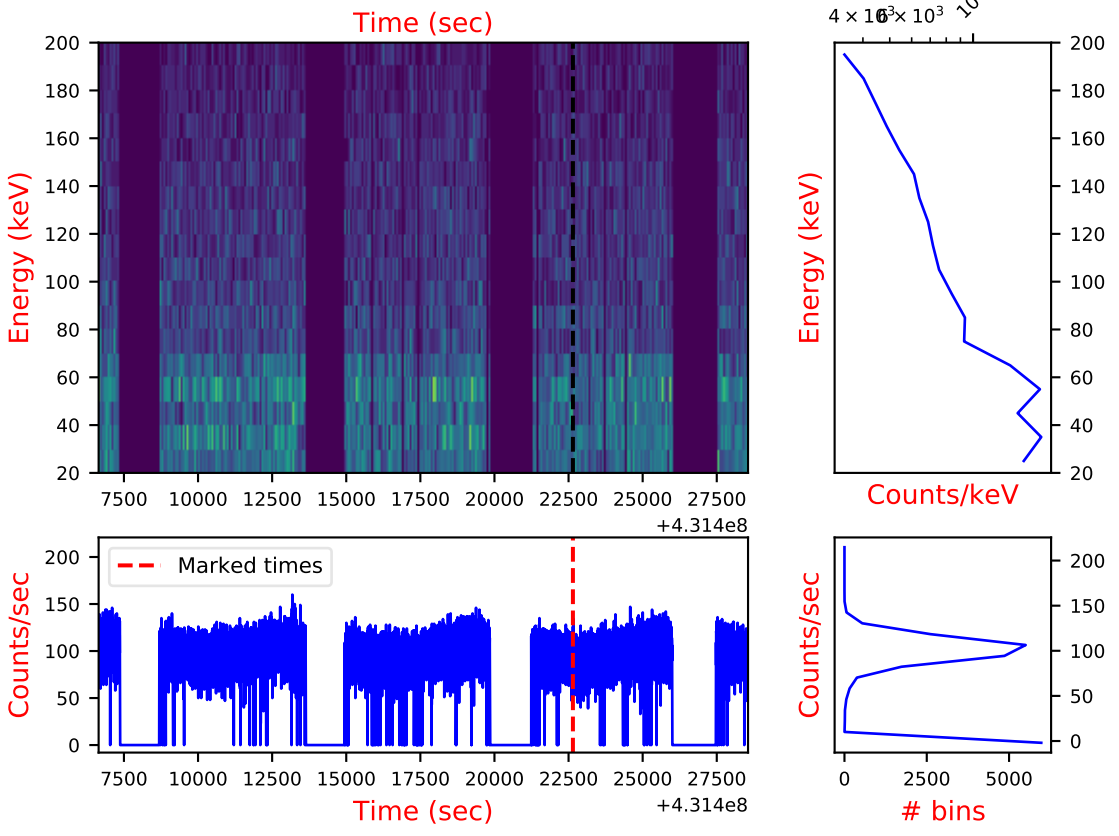

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
Time (sec)
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
Time (sec)

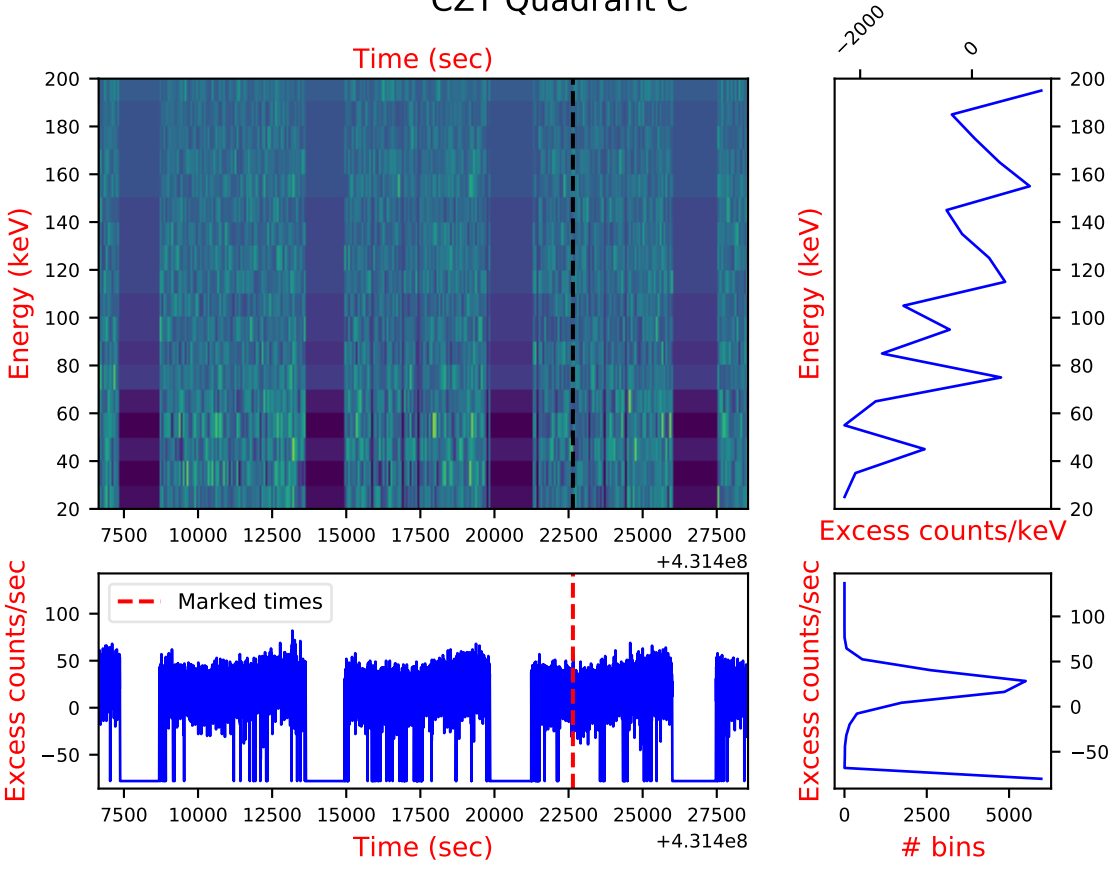

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.314e8

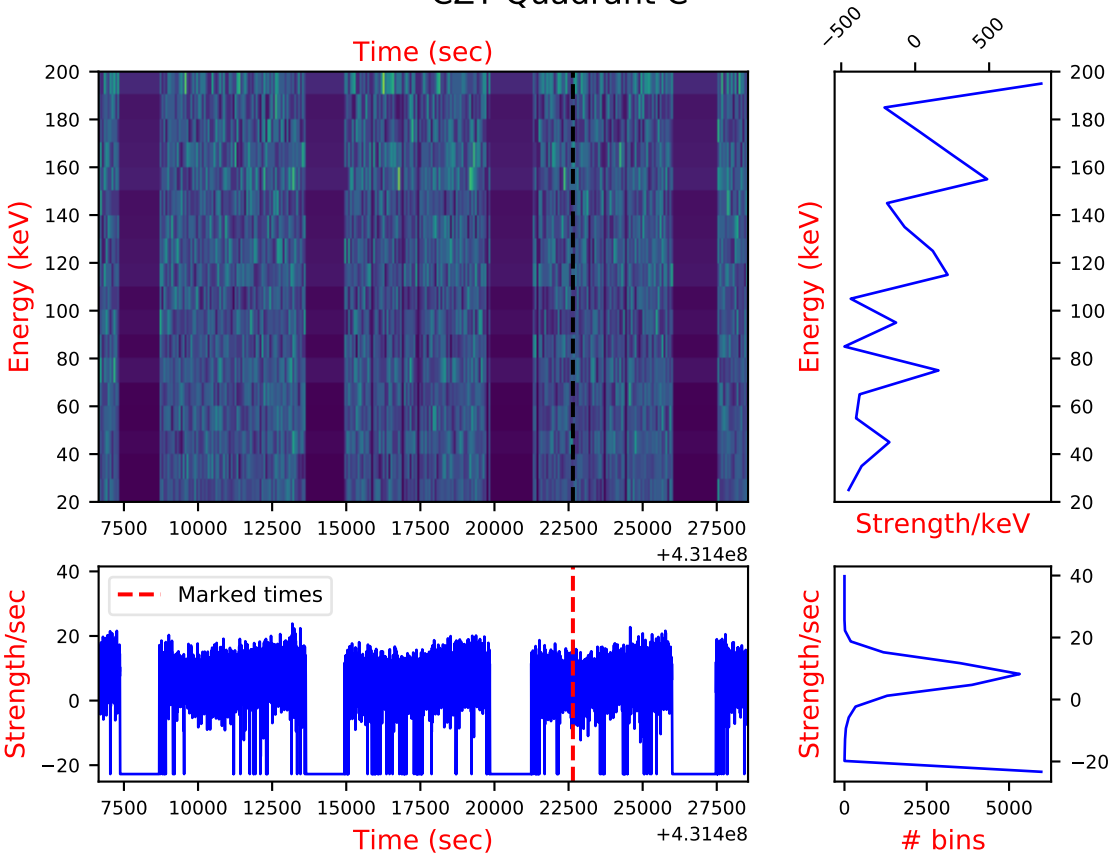

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
−2000
0
Energy (keV)
Excess counts/keV
Marked times
Excess counts/sec
100
50
0
−50
Time (sec)
+4.314e8
Excess counts/sec
0
2500
5000
bins

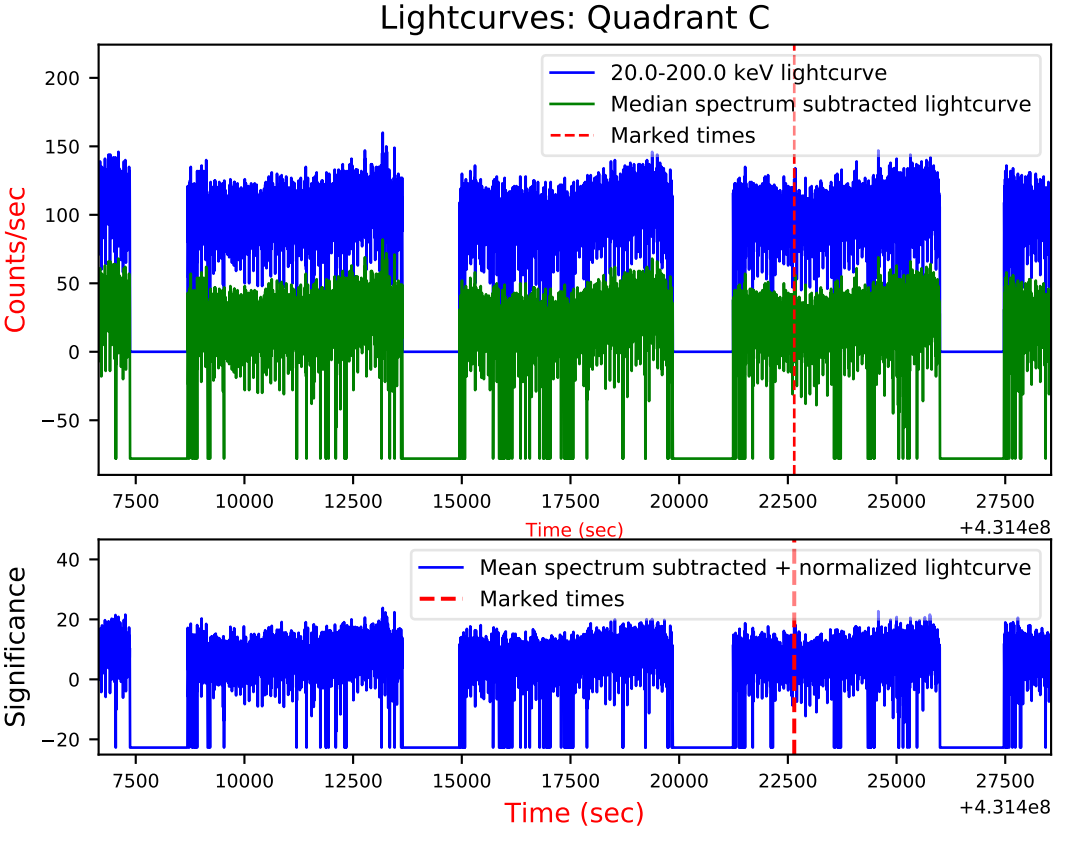

CZT Quadrant B
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
bins
+4.314e8

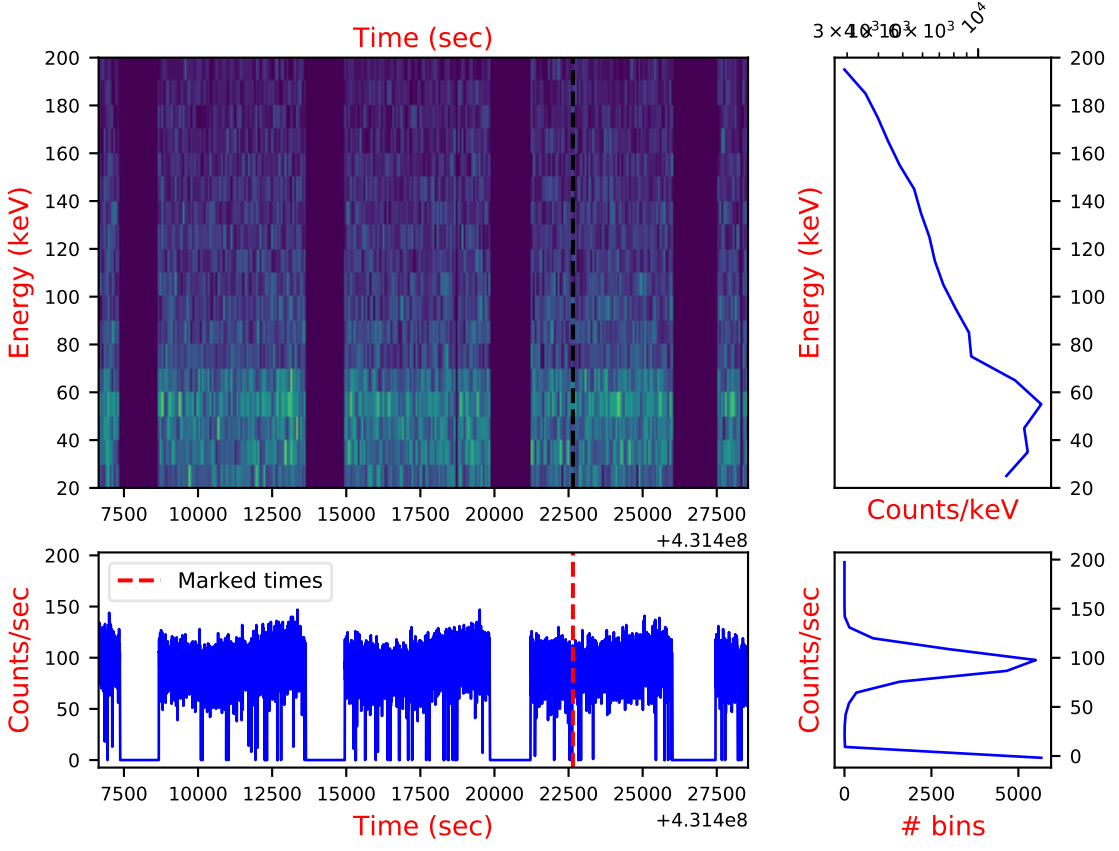

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
7500
10000
12500
15000
17500
20000
22500
25000
27500
Time (sec)
+4.314e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
7500
10000
12500
15000
17500
20000
22500
25000
27500
Time (sec)
+4.314e8

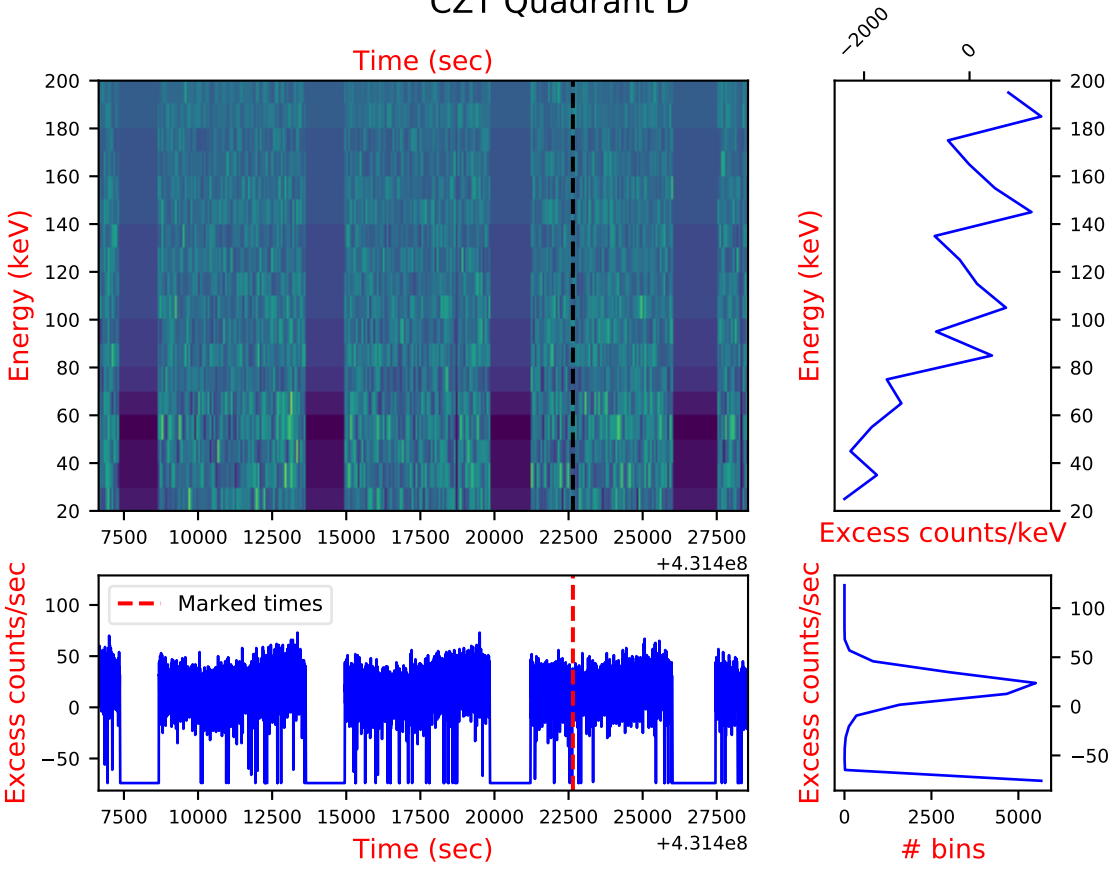

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.314e8

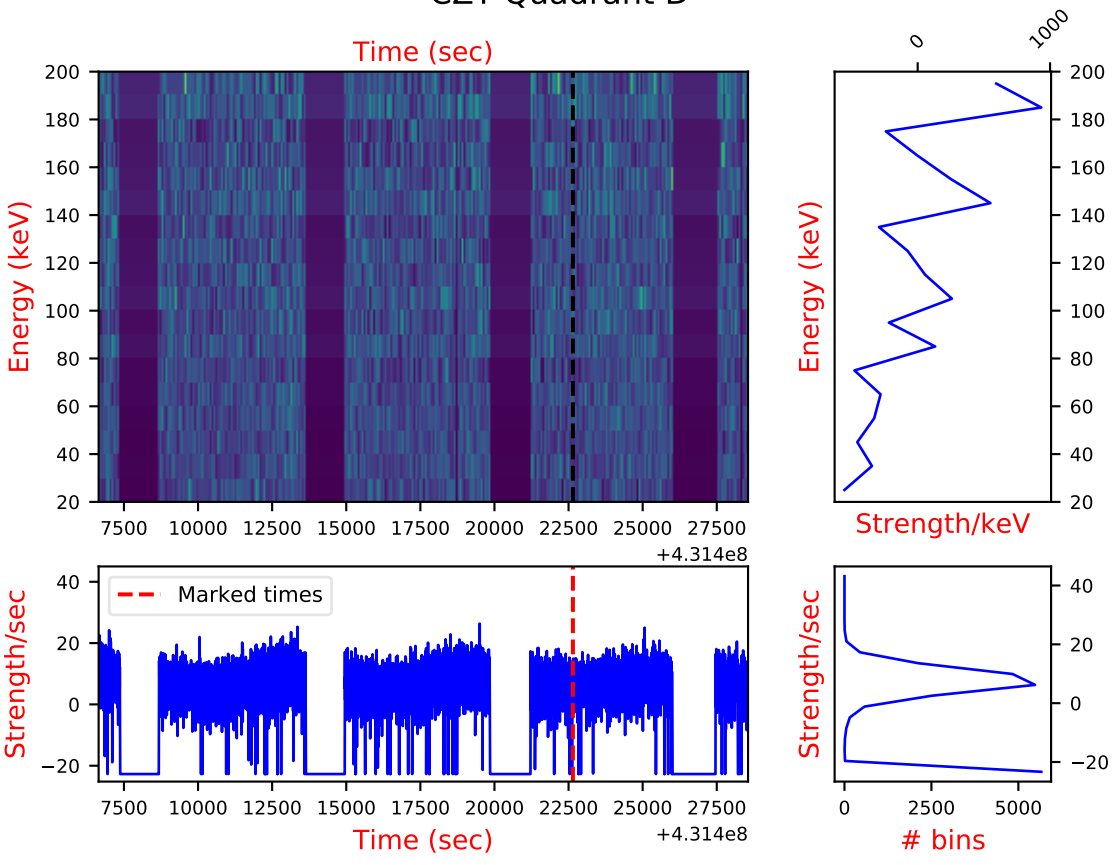

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
−2000
0
Energy (keV)
Excess counts/keV
Marked times
Excess counts/sec
100
50
0
−50
Time (sec)
+4.314e8
Excess counts/sec
0
2500
5000
bins

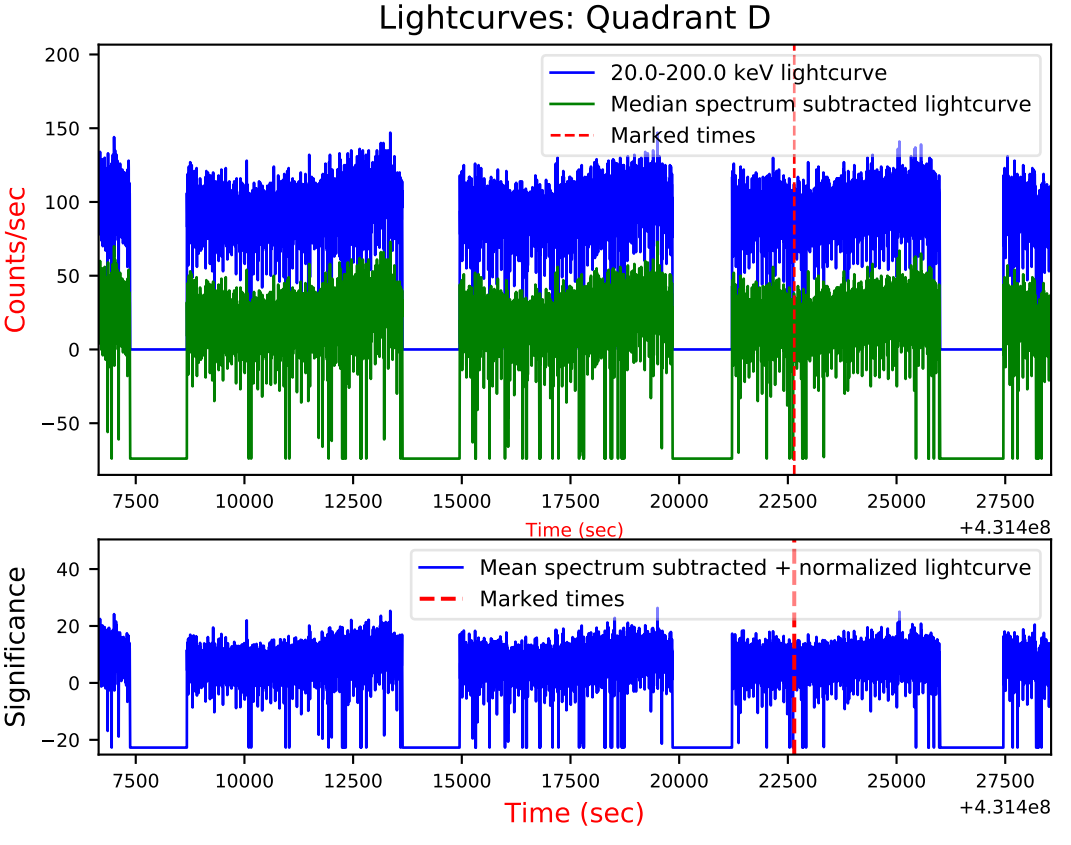

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
−500
0
500
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.314e8
2500
5000
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
Time (sec)
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
Time (sec)


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.314e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
−2000
0
Energy (keV)
Excess counts/keV
Marked times
Excess counts/sec
100
50
0
−50
Time (sec)
+4.314e8
Excess counts/sec
0
2500
5000
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7500
10000
12500
15000
17500
20000
22500
25000
27500
+4.314e8
0
1000
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
bins
2500
5000


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
7500
10000
12500
15000
17500
20000
22500
25000
27500
Time (sec)
+4.314e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
7500
10000
12500
15000
17500
20000
22500
25000
27500
Time (sec)
+4.314e8