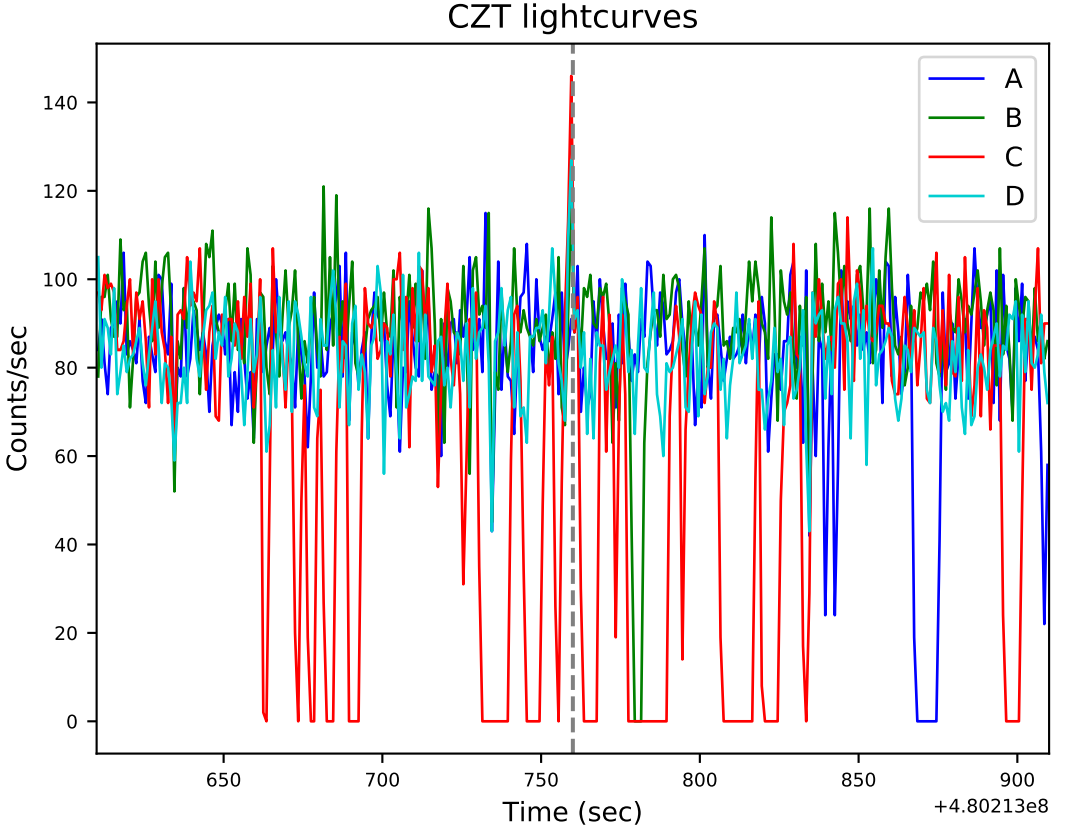
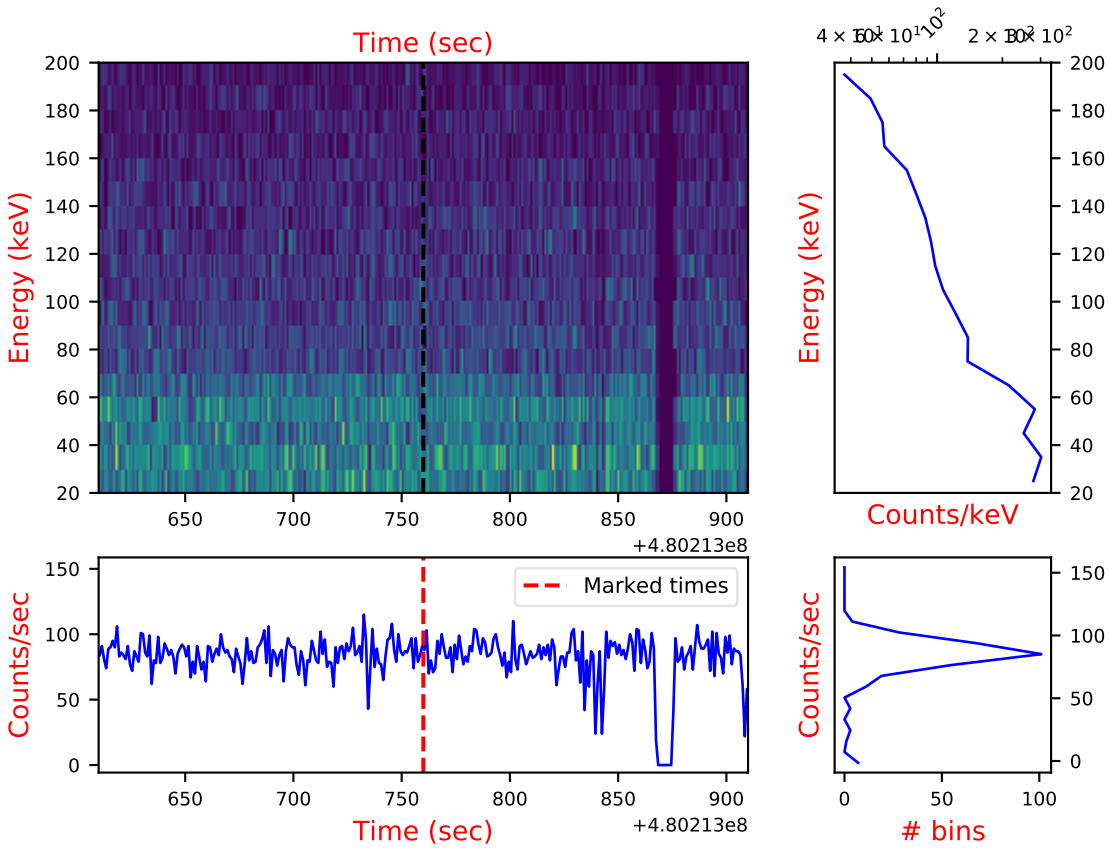
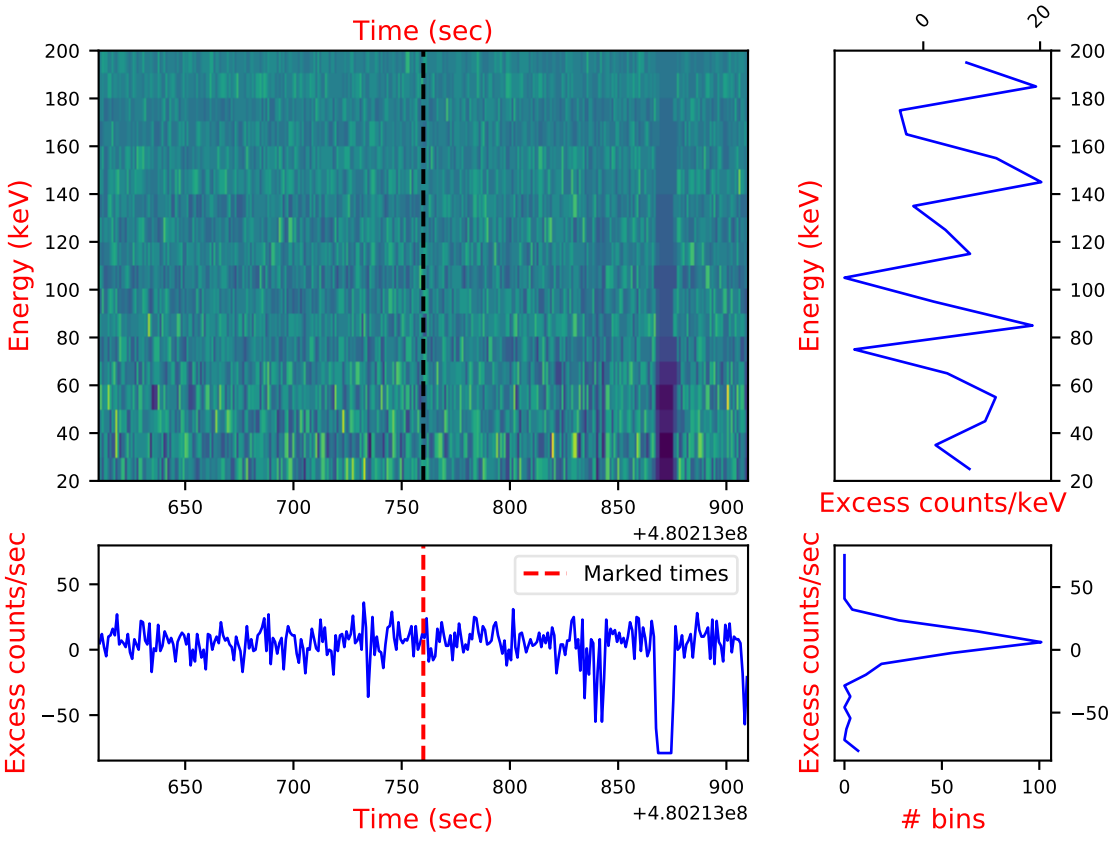
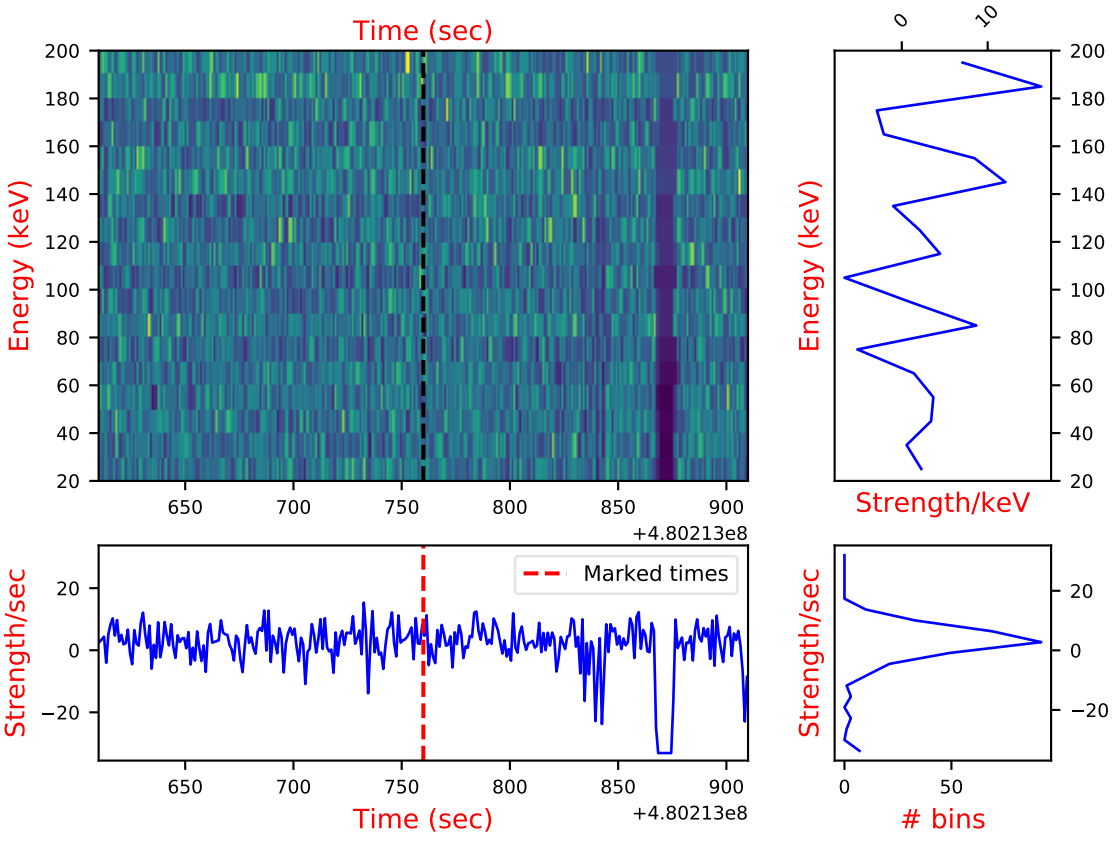
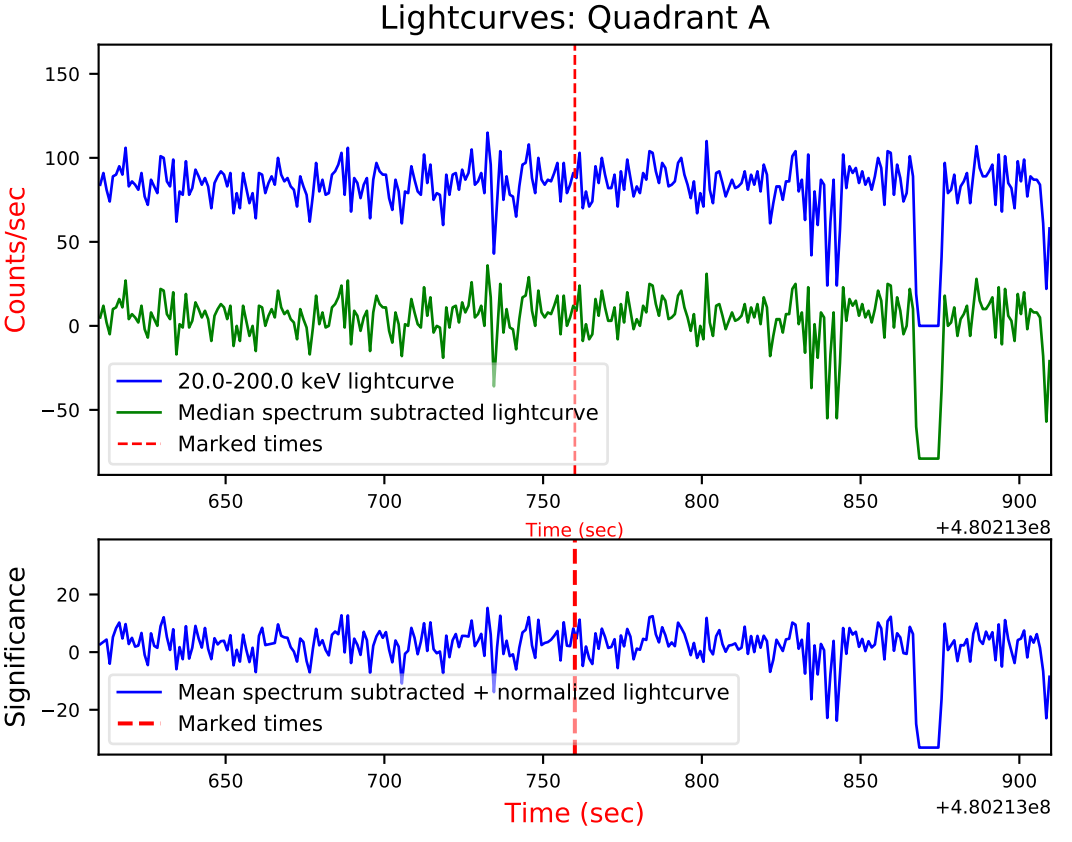
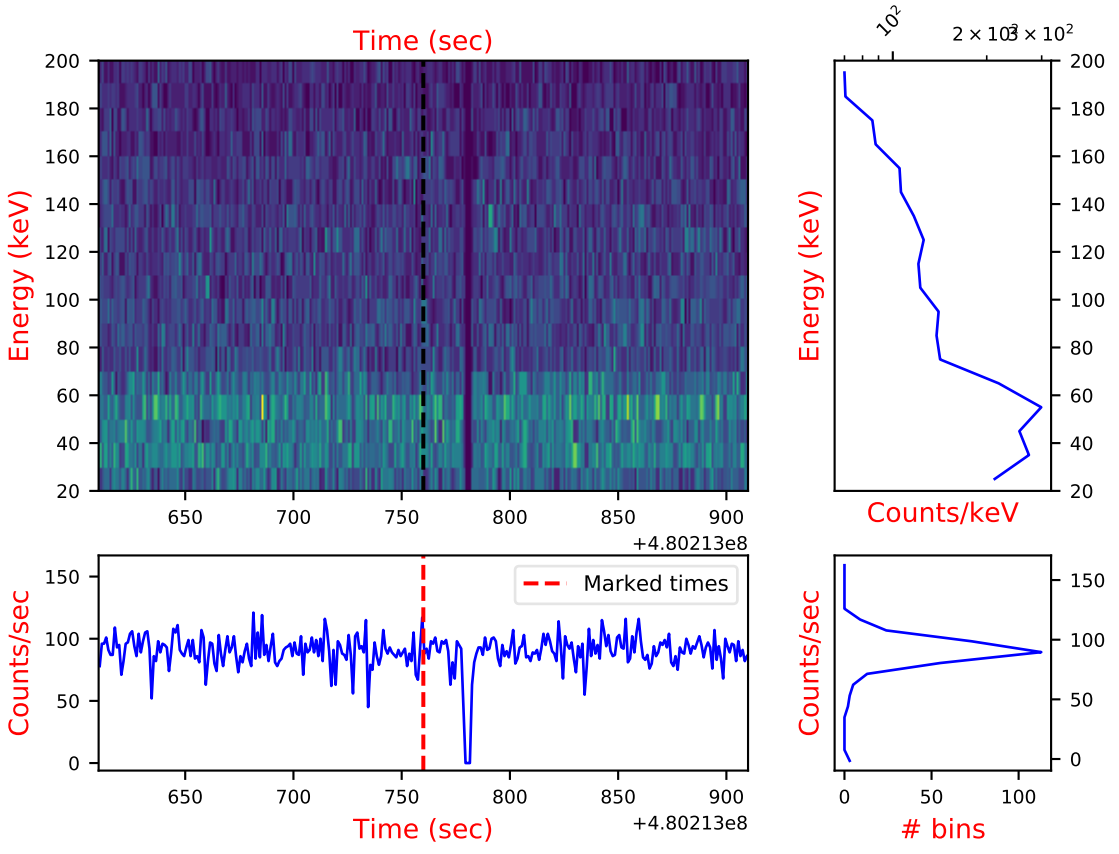

CZT lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.80213e8
0
20
40
60
80
100
120
140
650
700
750
800
850
900

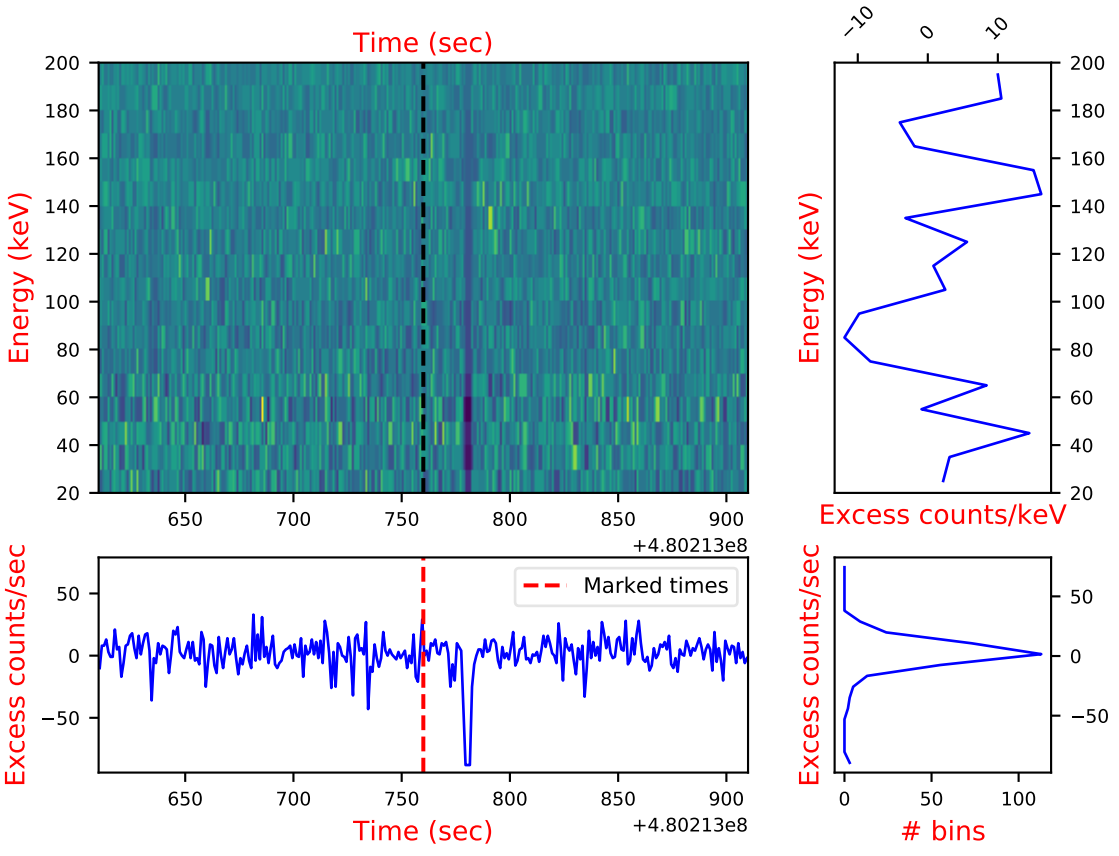

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.80213e8
bins

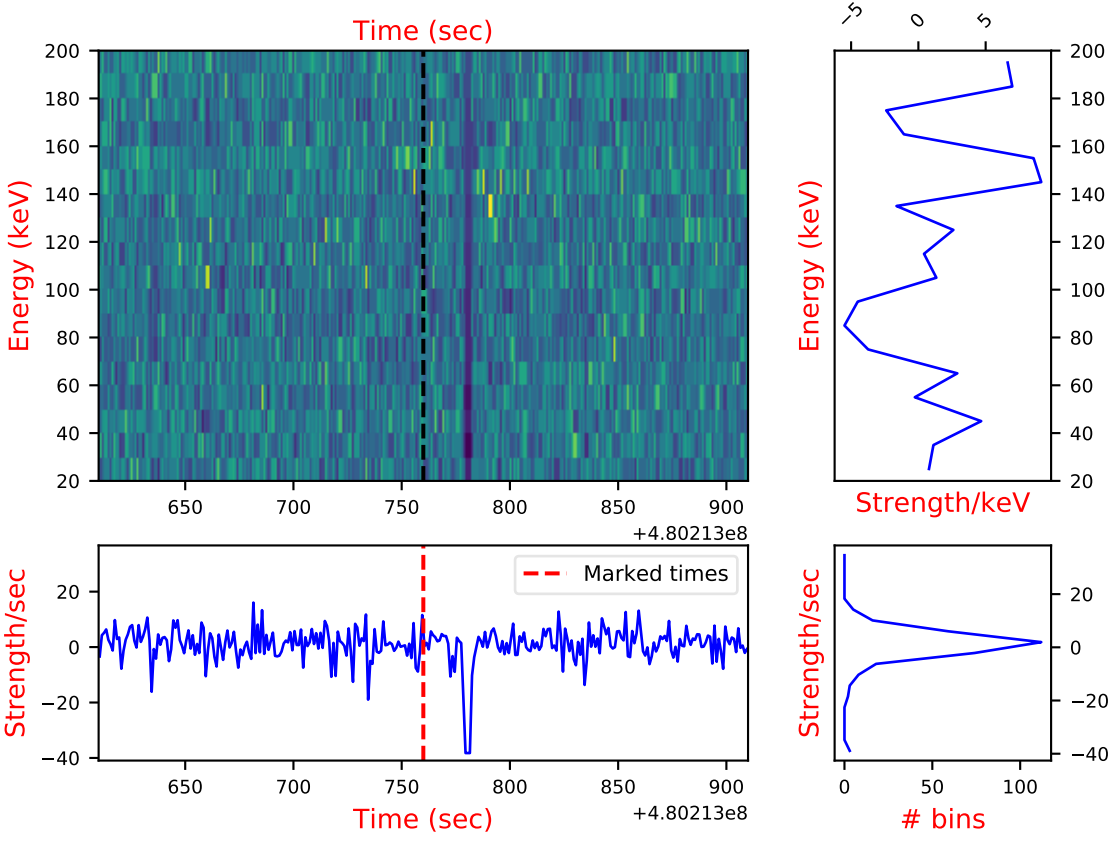

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
0
20
Excess counts/keV
+4.80213e8
Marked times
Excess counts/sec
50
0
−50
Time (sec)
bins
100

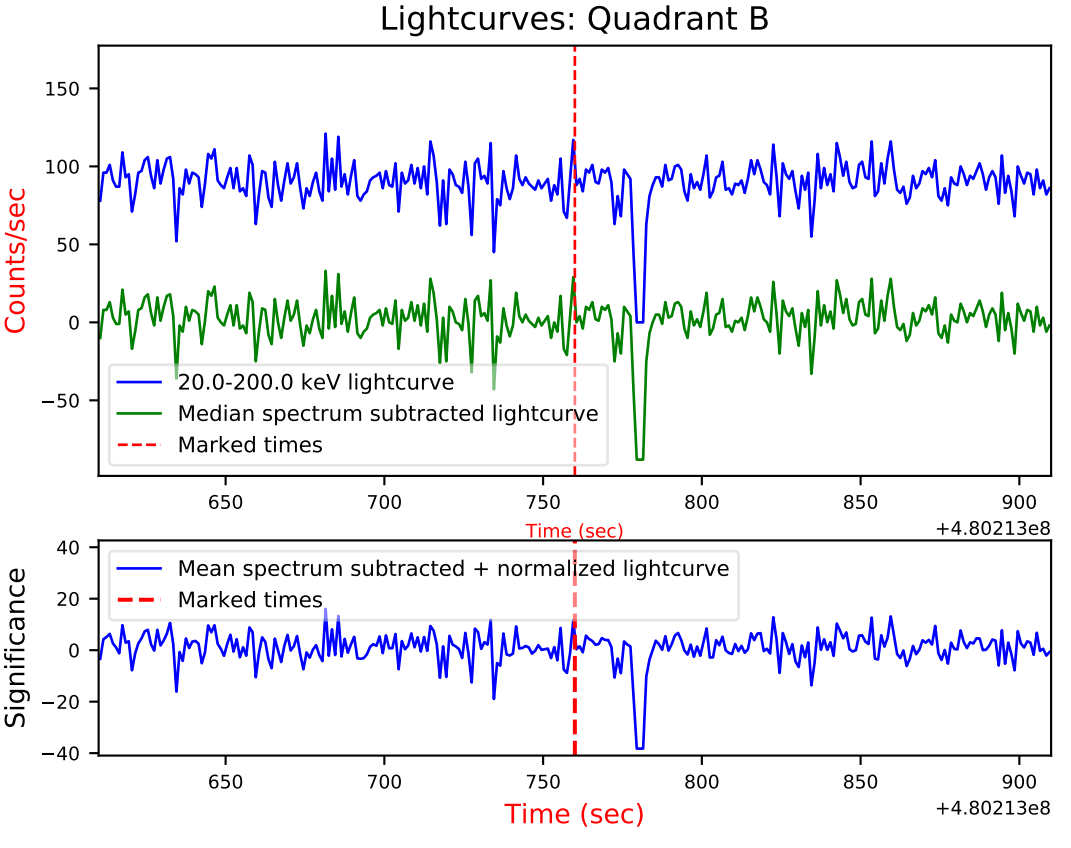

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
0
10
Strength/keV
Strength/sec
Marked times
20
0
−20
Time (sec)
bins
50

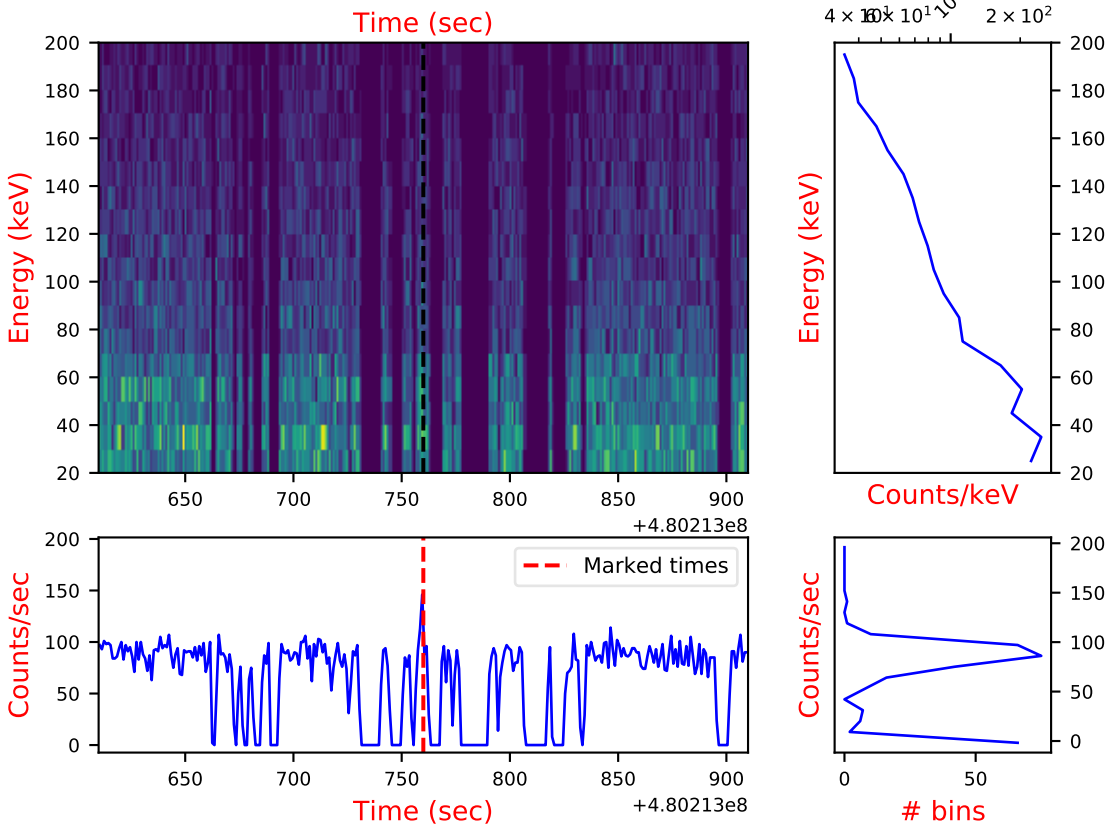

Lightcurves: Quadrant A
Counts/sec
150
100
50
0
−50
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
650
700
750
800
850
900
Time (sec)
+4.80213e8
Significance
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
650
700
750
800
850
900
Time (sec)
+4.80213e8

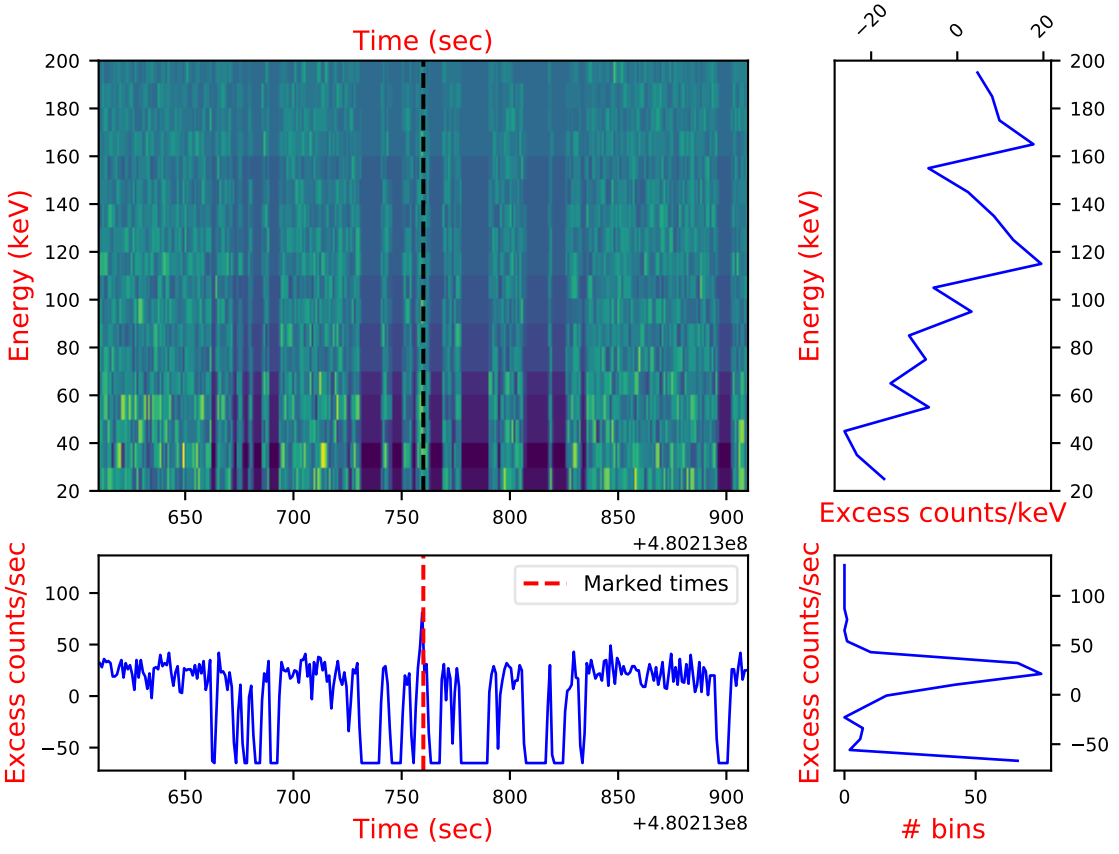

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
Counts/sec
150
100
50
0
Marked times
Time (sec)
+4.80213e8
10^2
2×10^2
3×10^2
Energy (keV)
Counts/keV
Counts/sec
0
50
100
bins

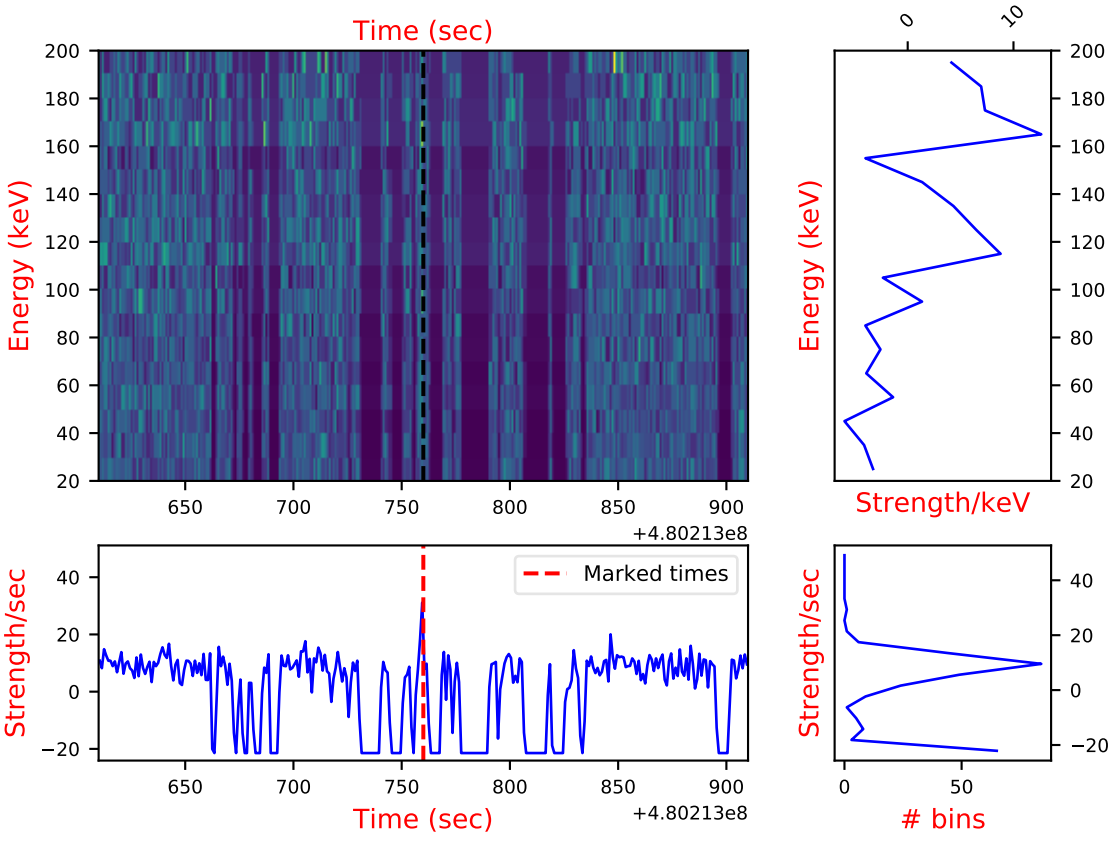

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
−10
0
10
Excess counts/keV
+4.80213e8
Excess counts/sec
50
0
−50
Marked times
Time (sec)
bins

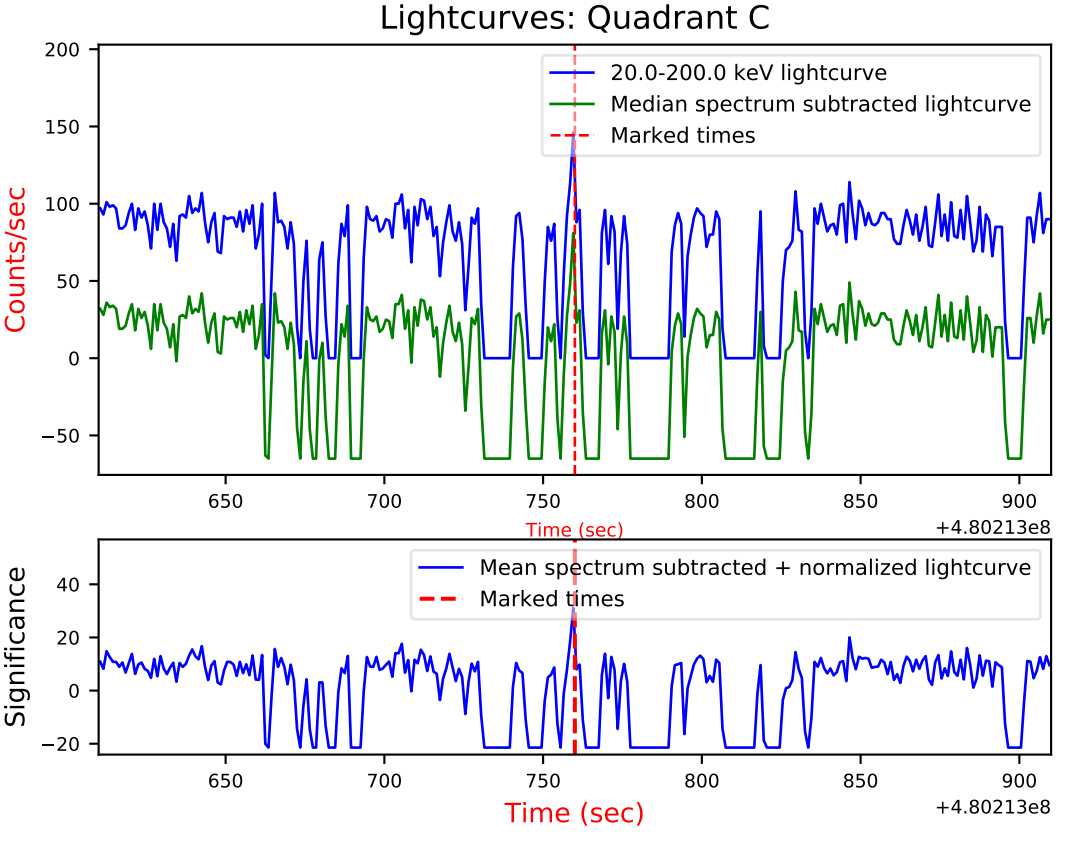

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
−5
0
5
Strength/keV
Strength/sec
Marked times
20
0
−20
−40
Time (sec)
bins
50
100

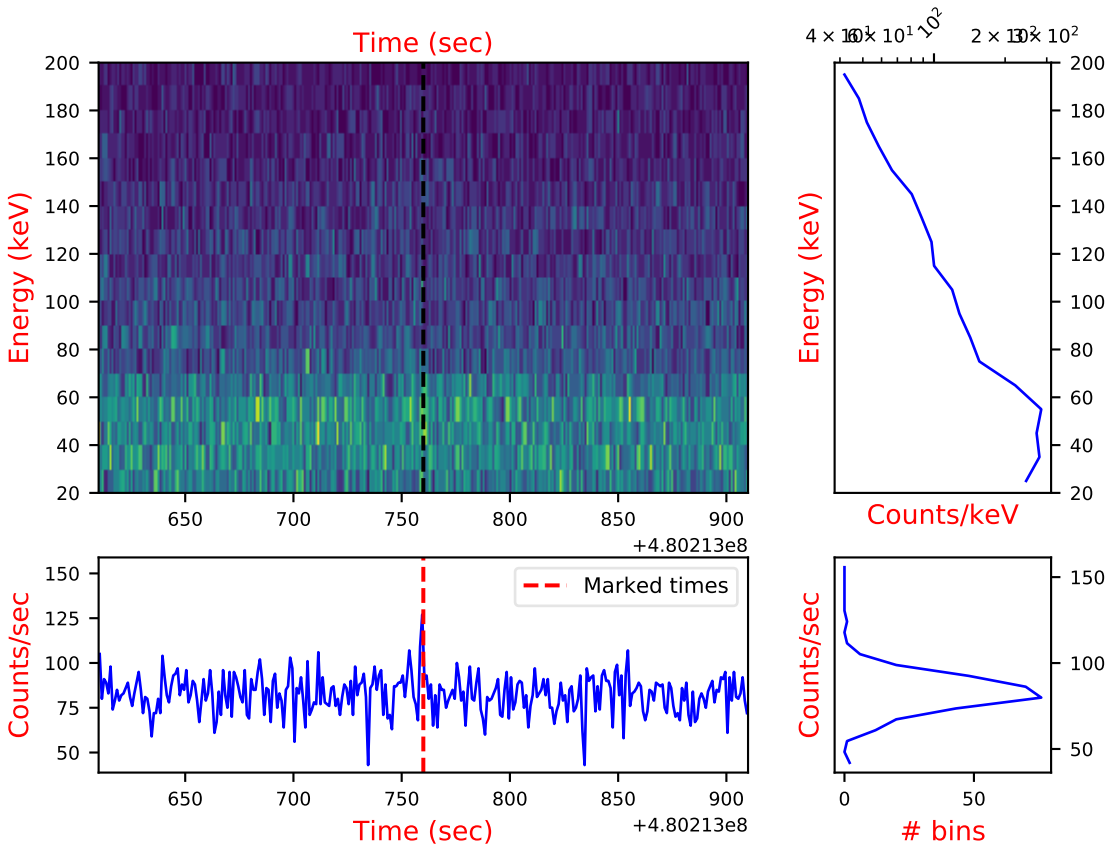

Lightcurves: Quadrant B
Counts/sec
150
100
50
0
−50
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
650
700
750
800
850
900
Time (sec)
+4.80213e8
Significance
40
20
0
−20
−40
Mean spectrum subtracted + normalized lightcurve
Marked times
650
700
750
800
850
900
Time (sec)
+4.80213e8

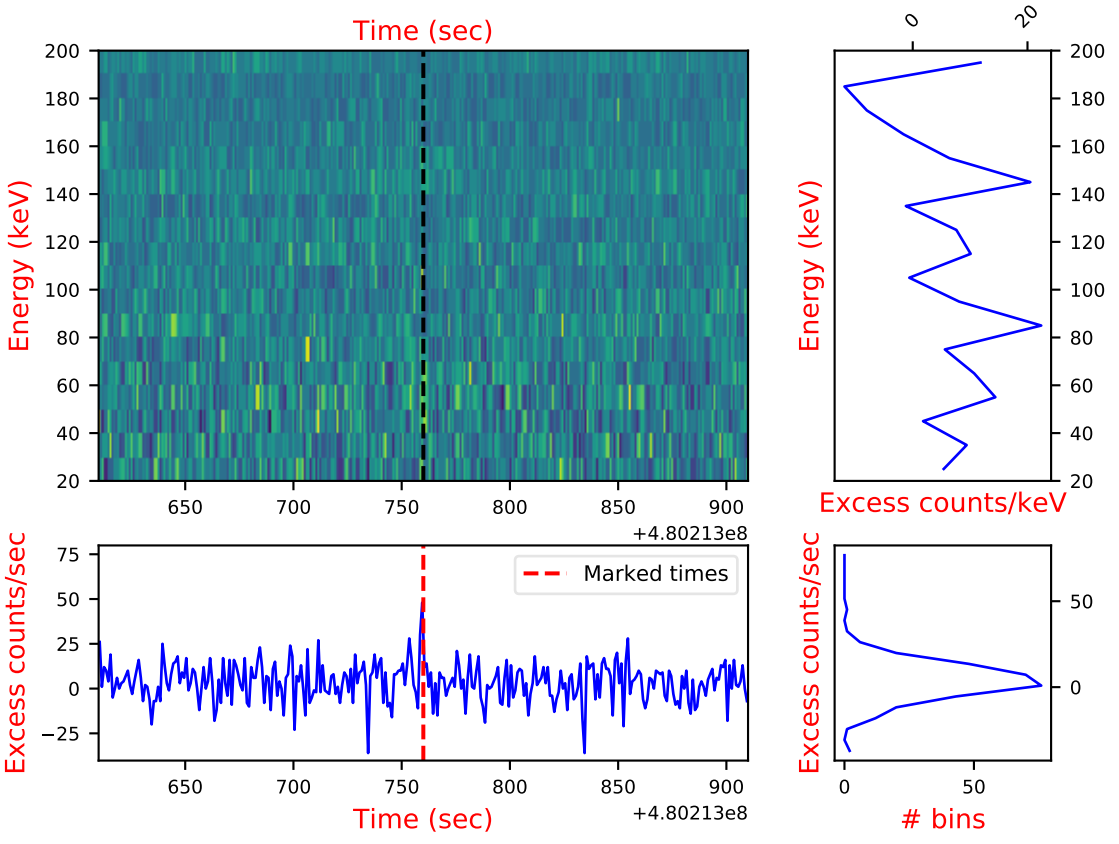

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.80213e8
bins

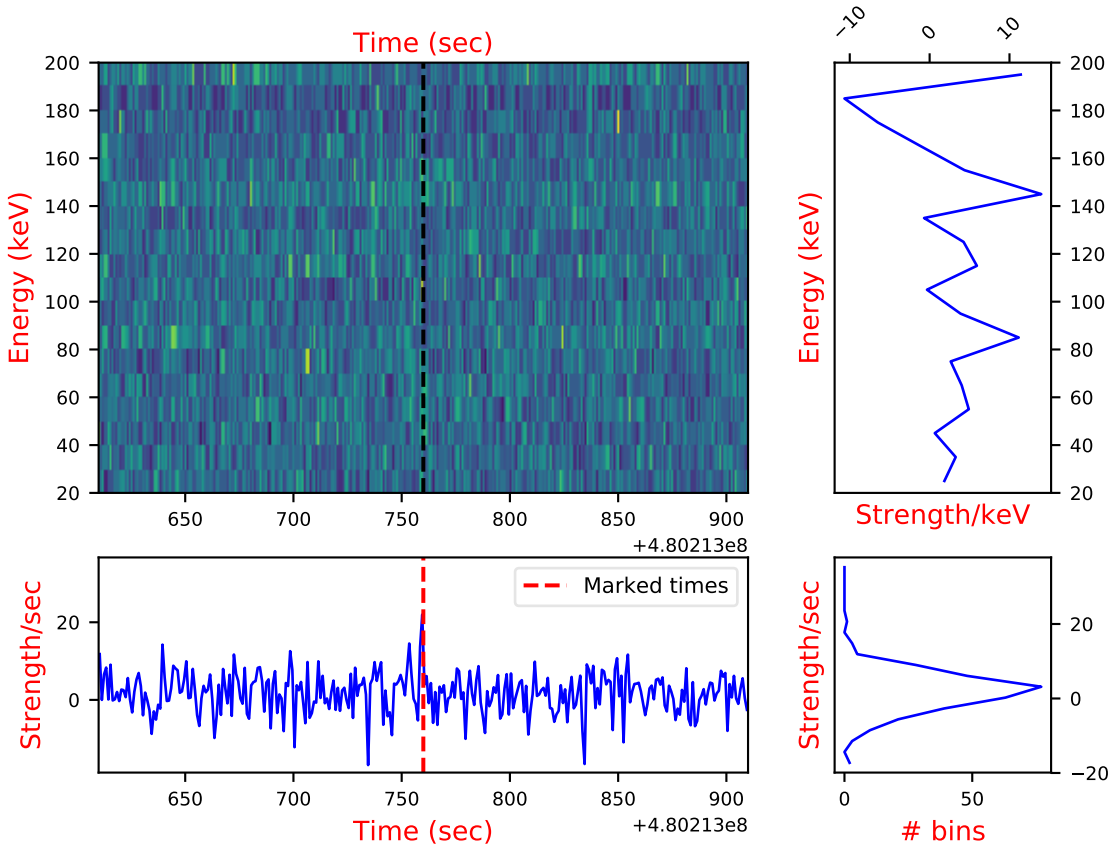

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
−20
0
20
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
−50
Time (sec)
bins

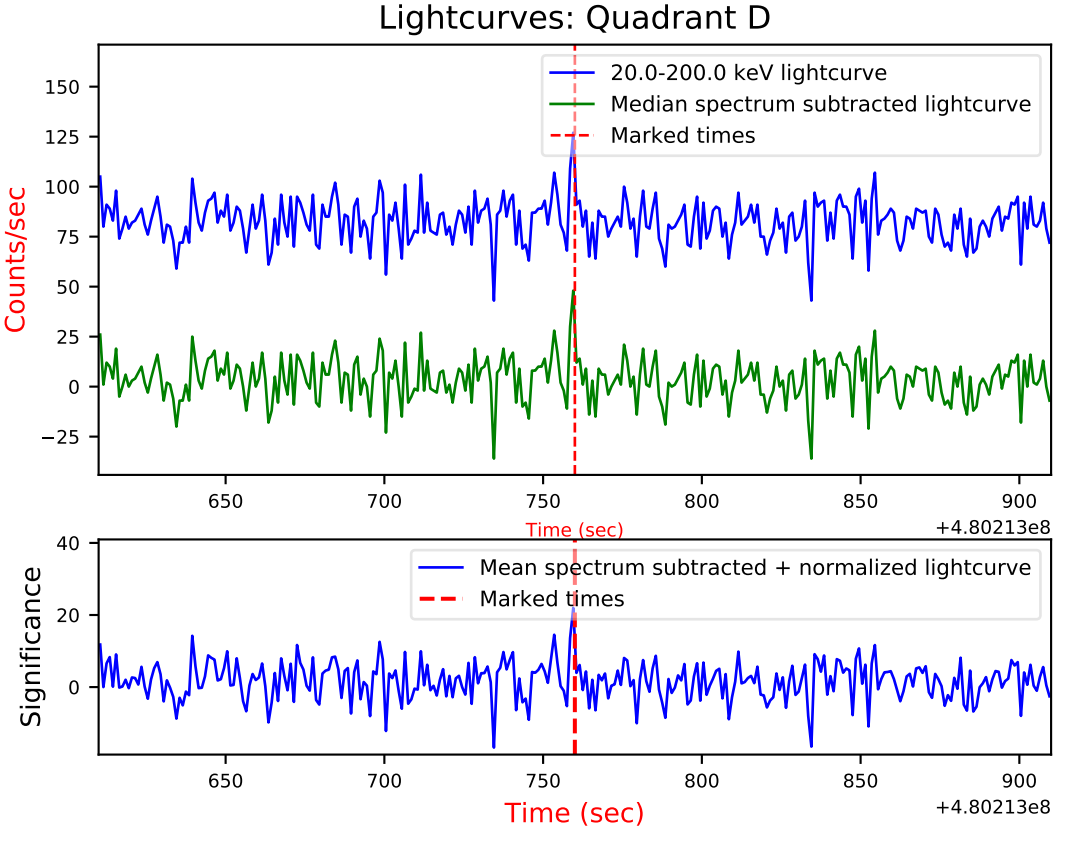

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
0
10
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
bins
50


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
650
700
750
800
850
900
Time (sec)
+4.80213e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
650
700
750
800
850
900
Time (sec)
+4.80213e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
Counts/sec
150
125
100
75
50
Marked times
Time (sec)
+4.80213e8
Energy (keV)
Counts/keV
Counts/sec
0
50
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
0
20
Excess counts/keV
Excess counts/sec
75
50
25
0
−25
Marked times
Time (sec)
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
650
700
750
800
850
900
+4.80213e8
−10
0
10
Strength/keV
Strength/sec
Marked times
Time (sec)
bins
50
−20


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
125
100
75
50
25
0
−25
650
700
750
800
850
900
Time (sec)
+4.80213e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
650
700
750
800
850
900
Time (sec)
+4.80213e8