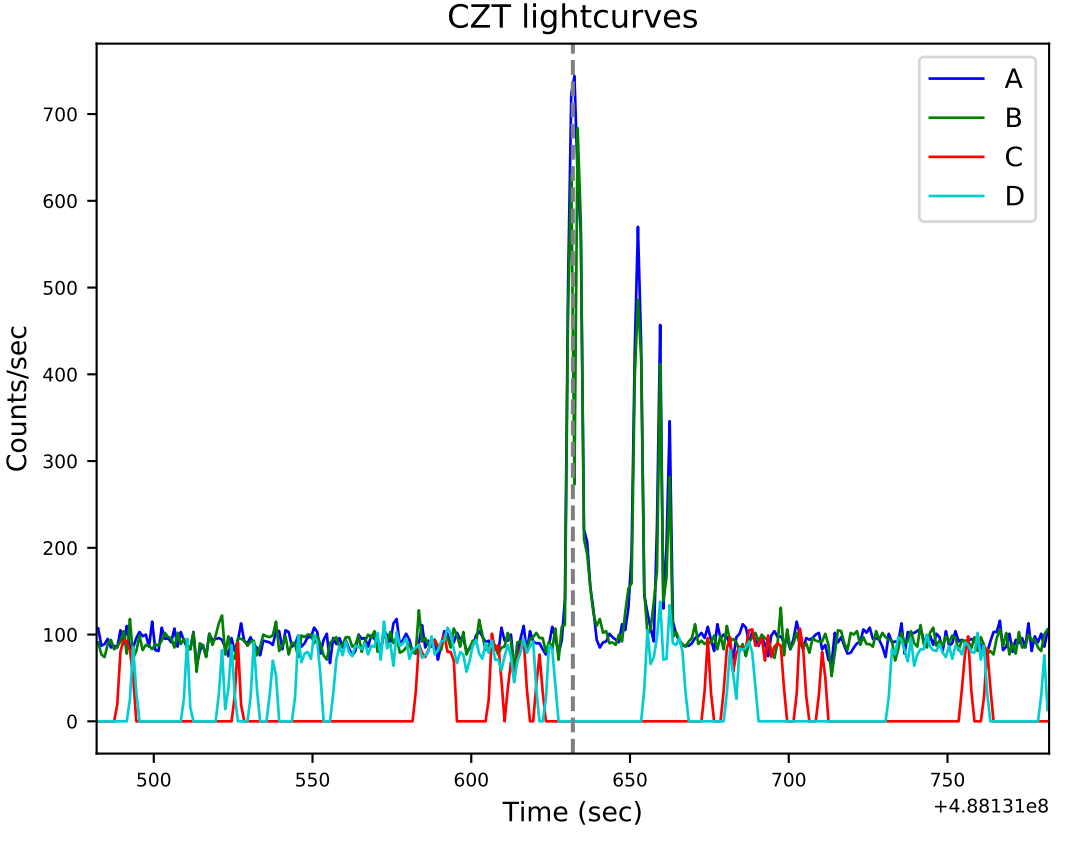
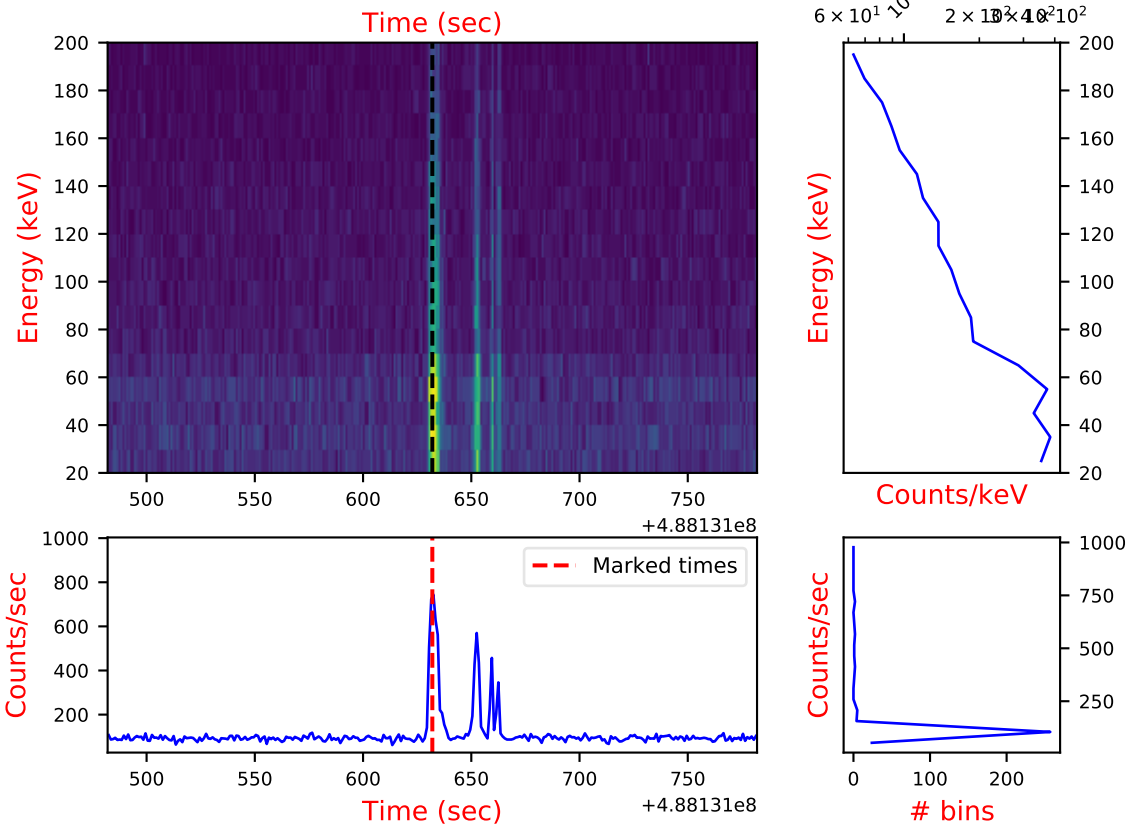
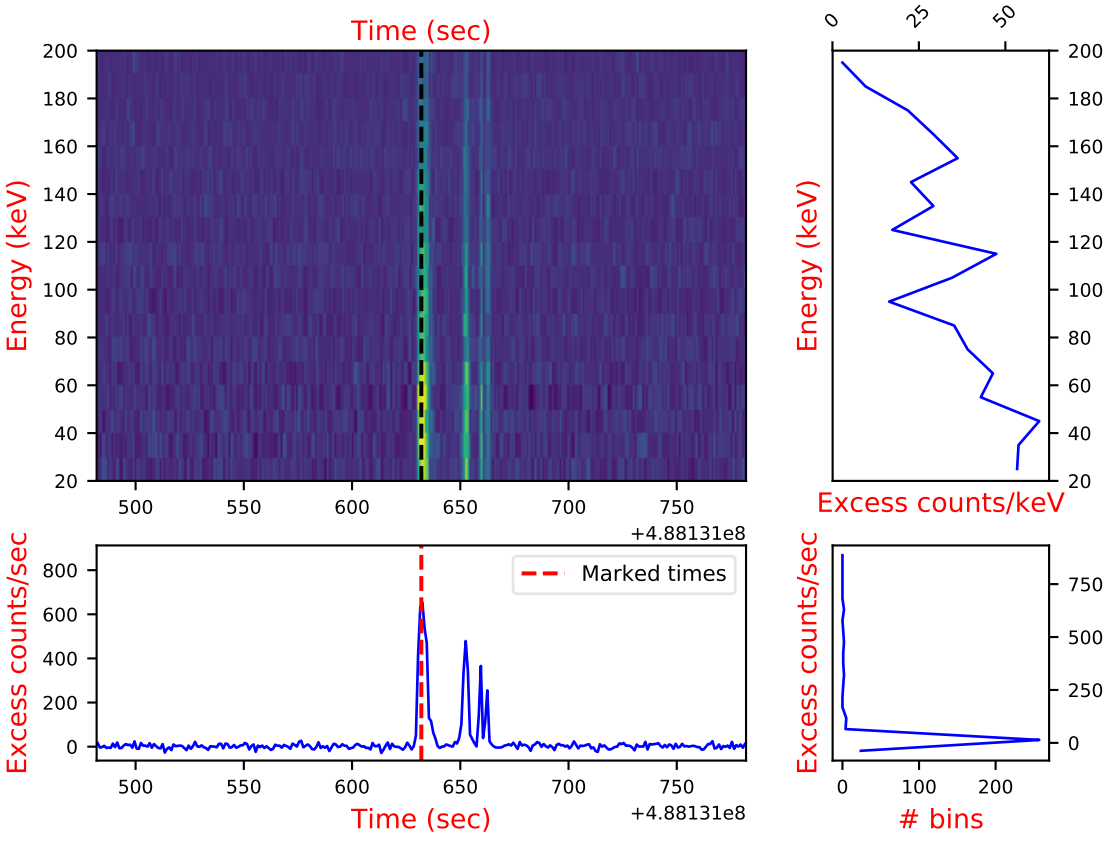
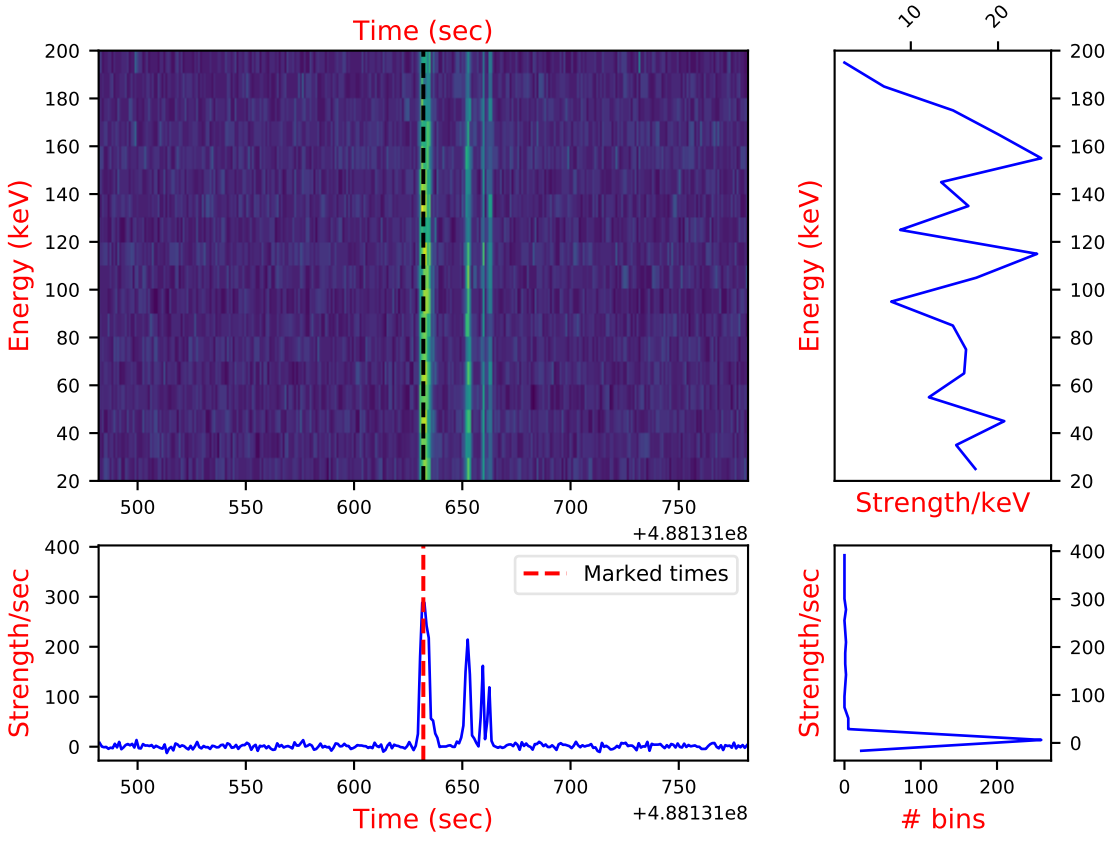
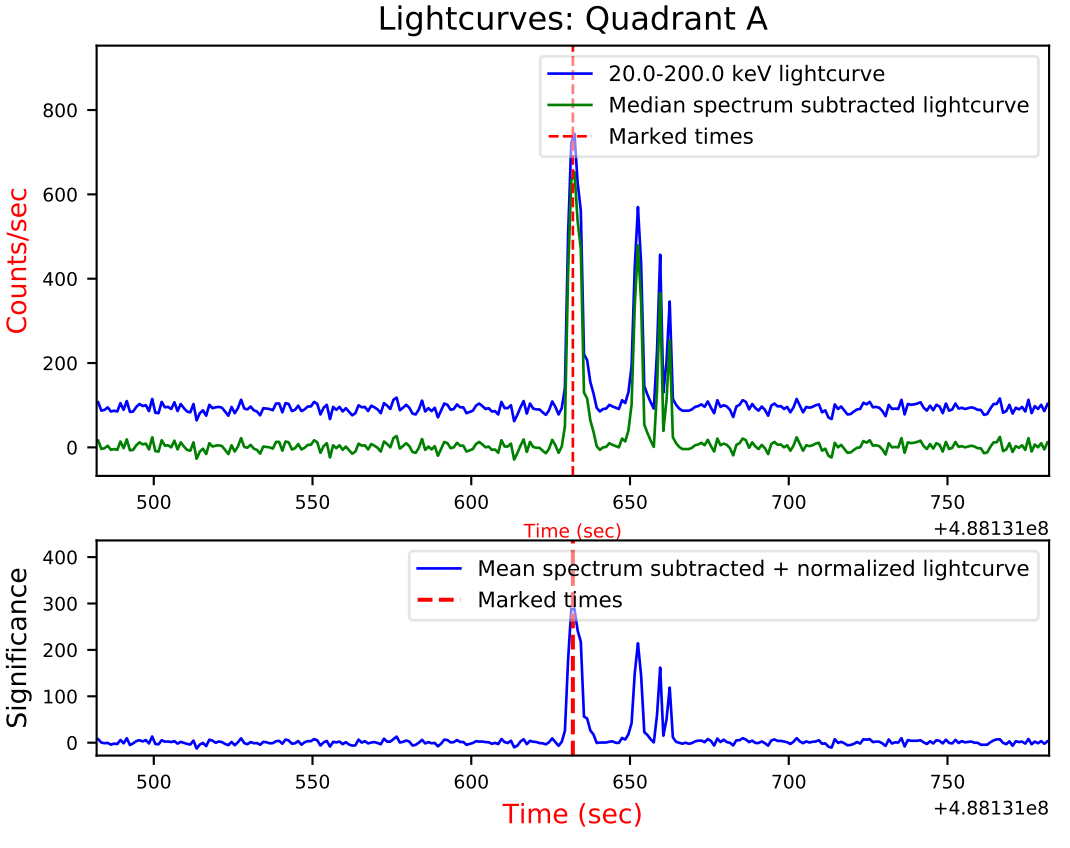
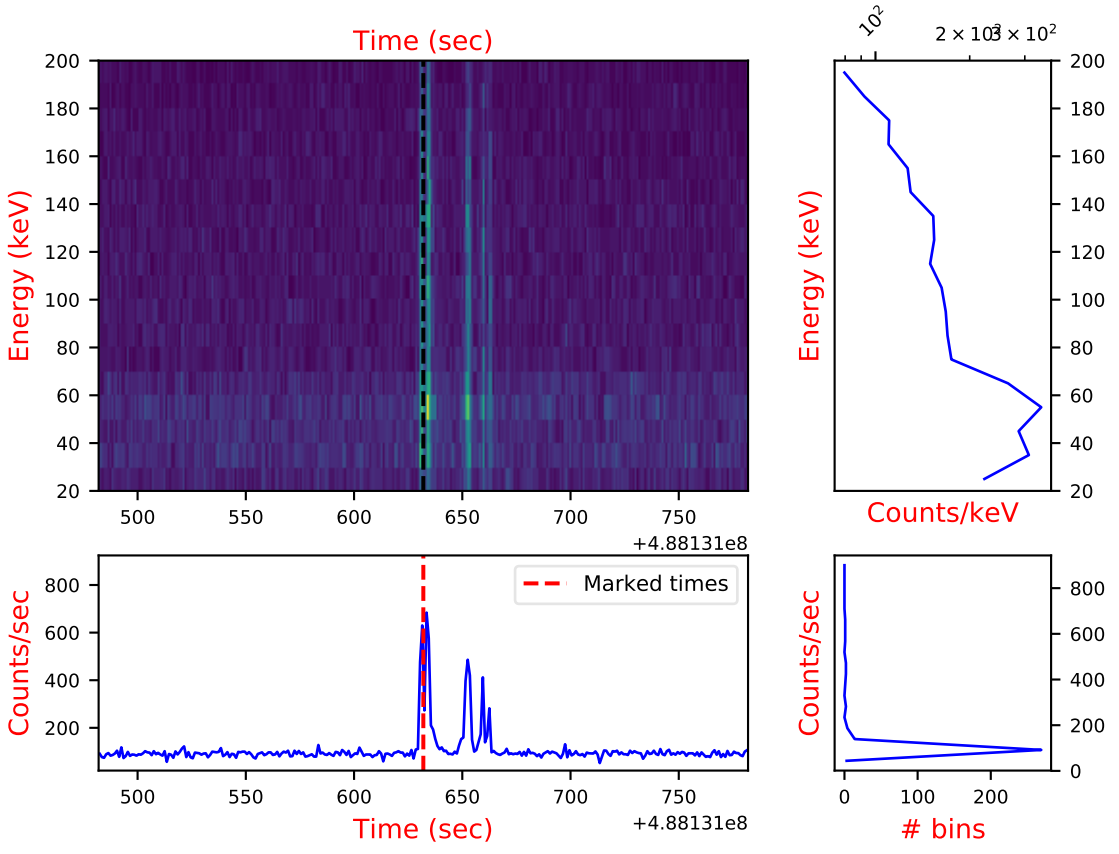

CZT lightcurves
A
B
C
D
Counts/sec
0
100
200
300
400
500
600
700
500
550
600
650
700
750
Time (sec)
+4.88131e8

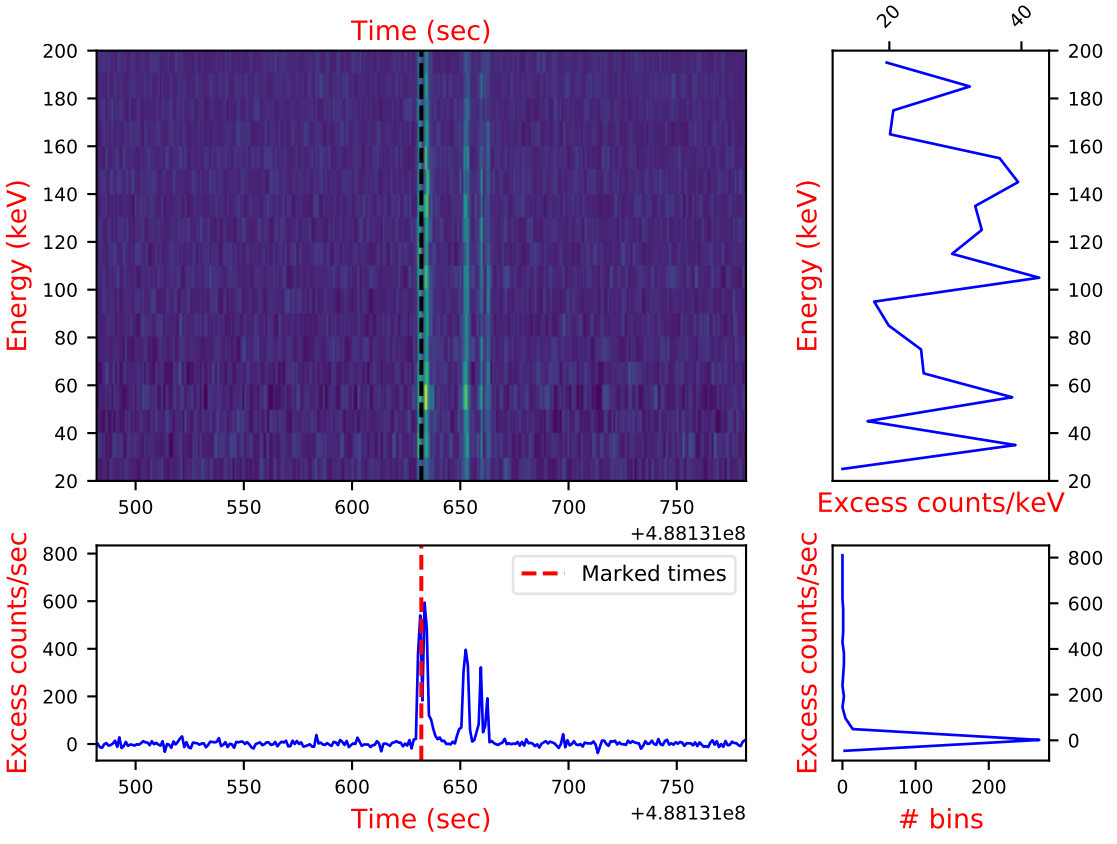

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
+4.88131e8

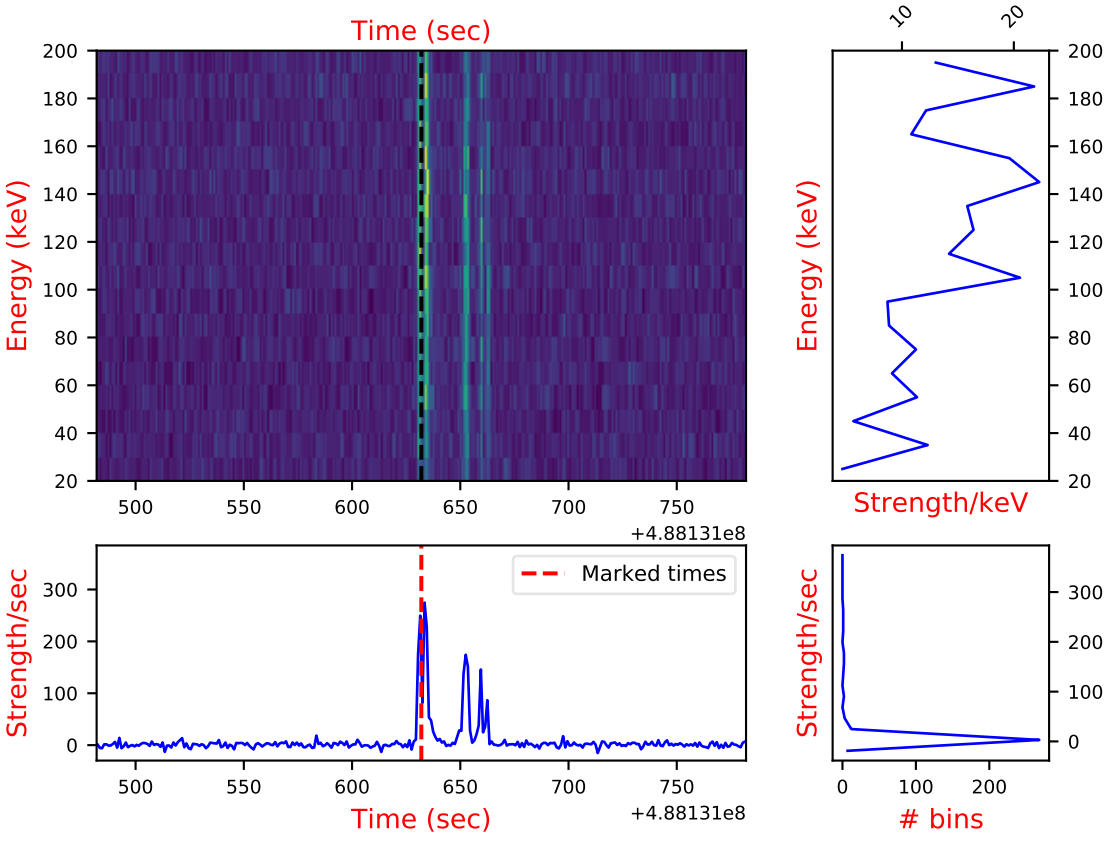

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
0
25
50
Excess counts/keV
+4.88131e8
Excess counts/sec
800
600
400
200
0
Marked times
Time (sec)
bins

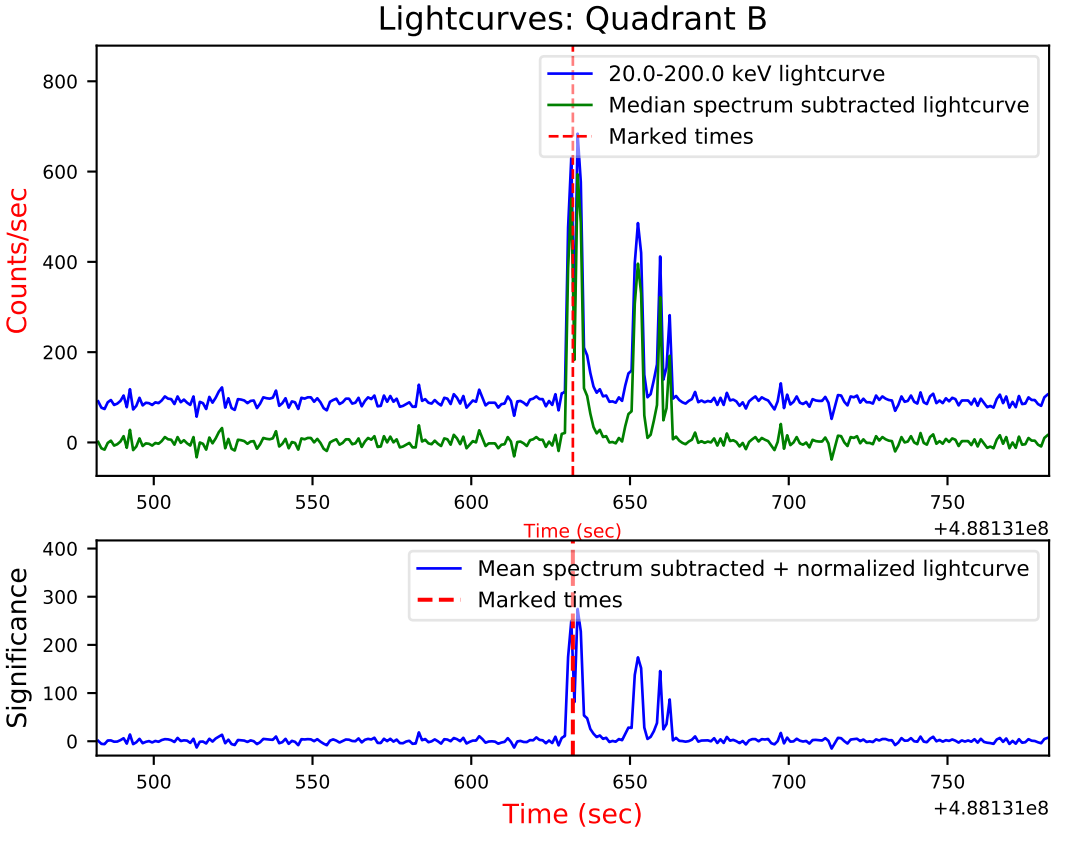

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
+4.88131e8
10
20
Strength/keV
Strength/sec
400
300
200
100
0
Marked times
Time (sec)
bins

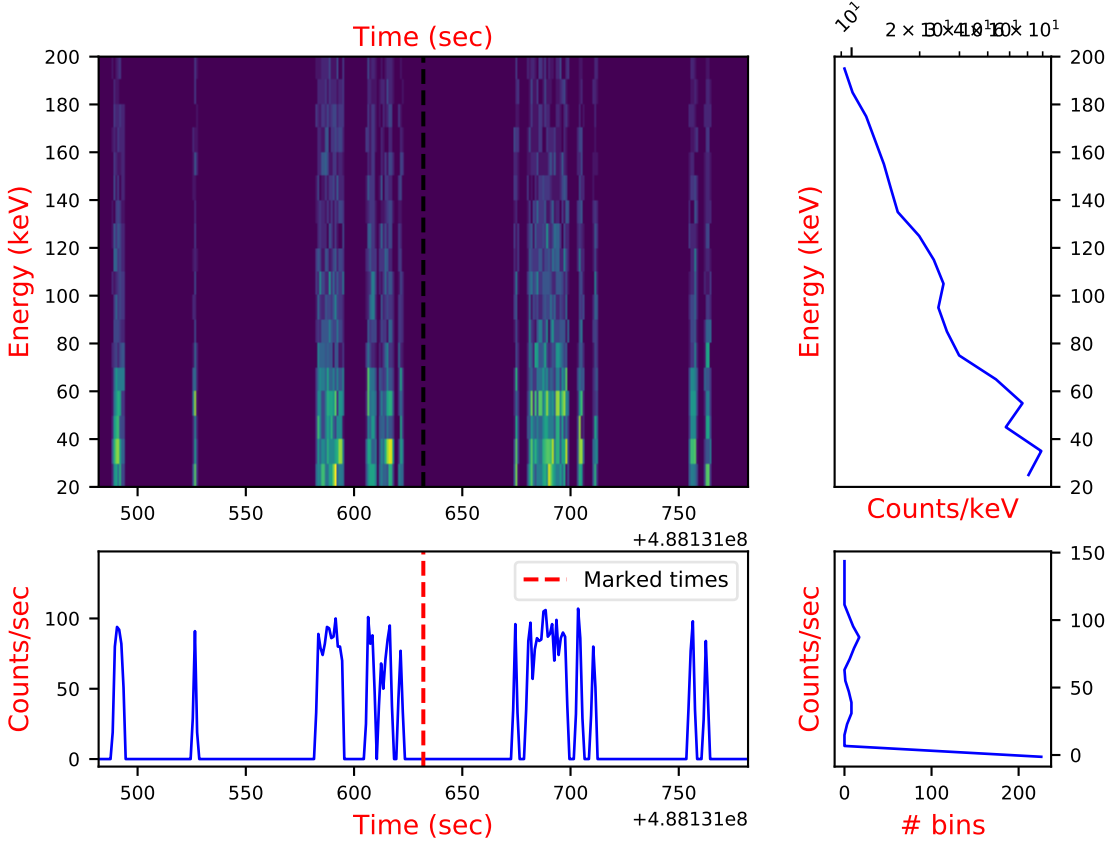

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
500
550
600
650
700
750
Time (sec)
+4.88131e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
400
300
200
100
0
500
550
600
650
700
750
Time (sec)
+4.88131e8

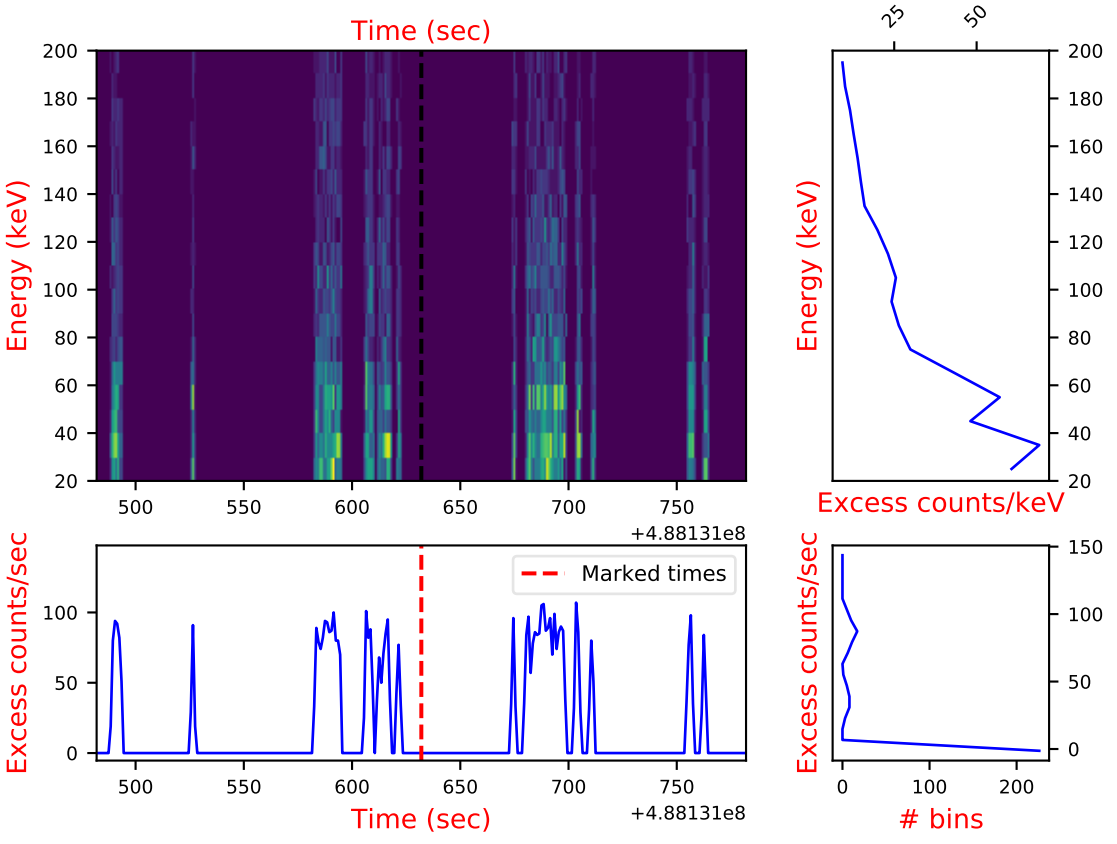

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
+4.88131e8
10^2
2×10^2
3×10^2
Counts/keV
Counts/sec
800
600
400
200
Marked times
0
100
200
bins

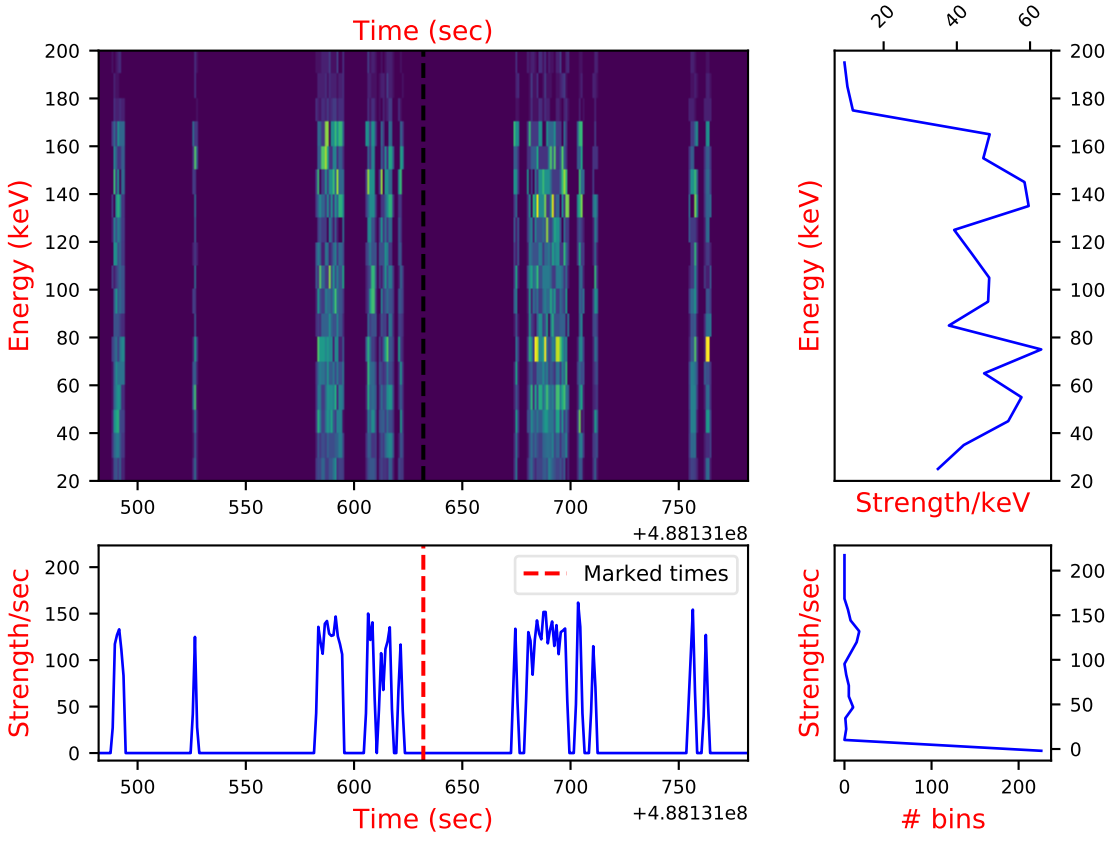

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
20
40
Energy (keV)
Excess counts/keV
+4.88131e8
Excess counts/sec
800
600
400
200
0
Marked times
Time (sec)
+4.88131e8
Excess counts/sec
bins
0
100
200

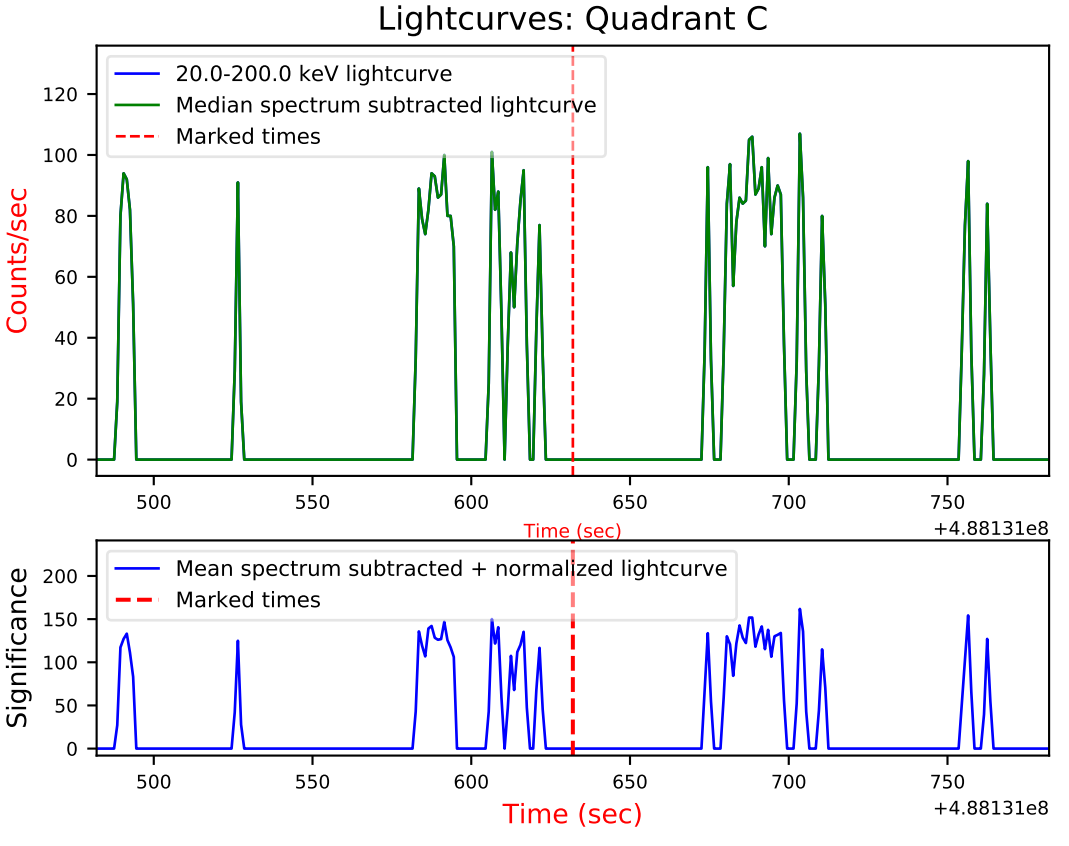

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
+4.88131e8
10
20
Strength/keV
Strength/sec
300
200
100
0
Marked times
Time (sec)
bins

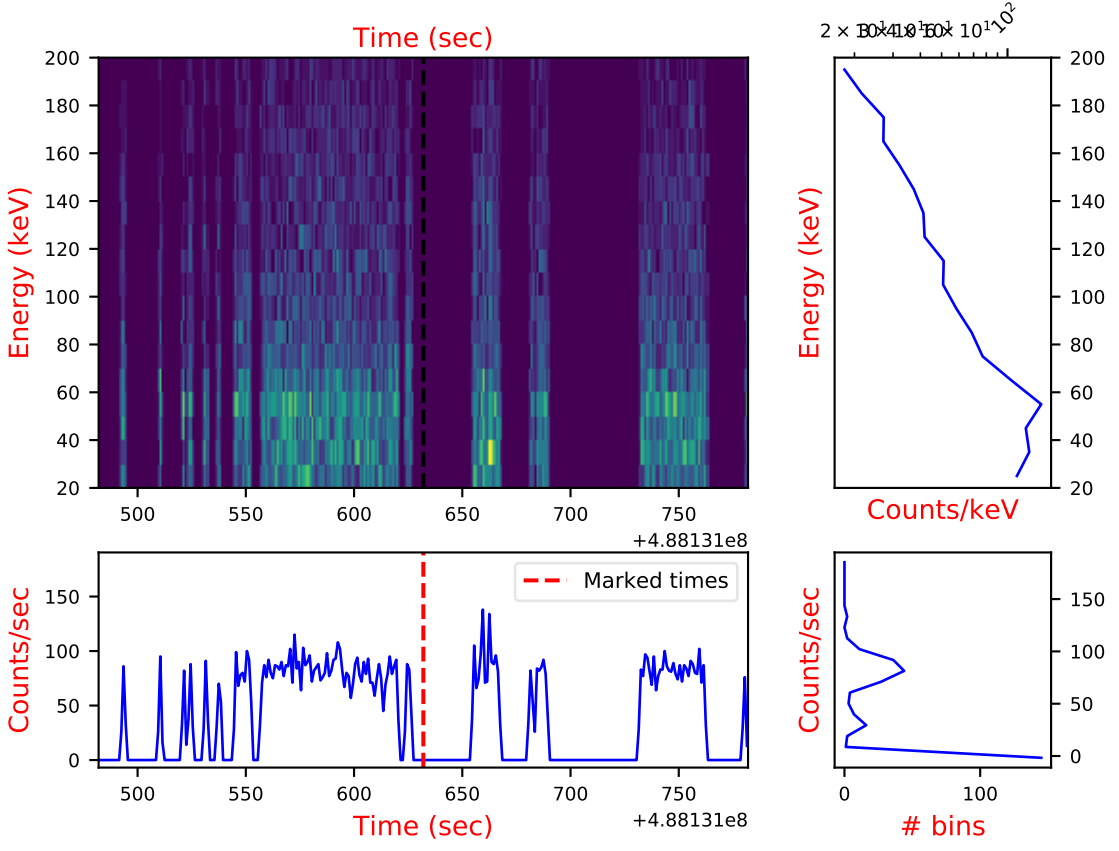

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
500
550
600
650
700
750
Time (sec)
+4.88131e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
400
300
200
100
0
500
550
600
650
700
750
Time (sec)
+4.88131e8

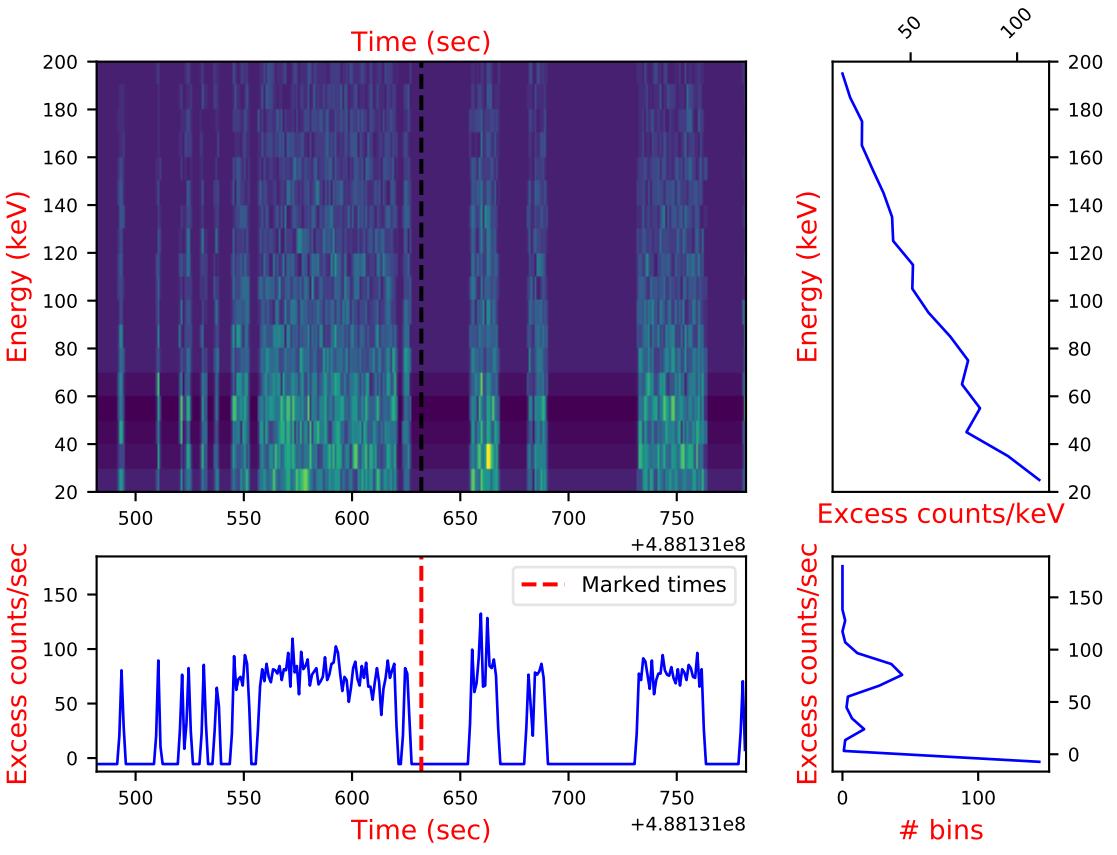

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.88131e8
bins

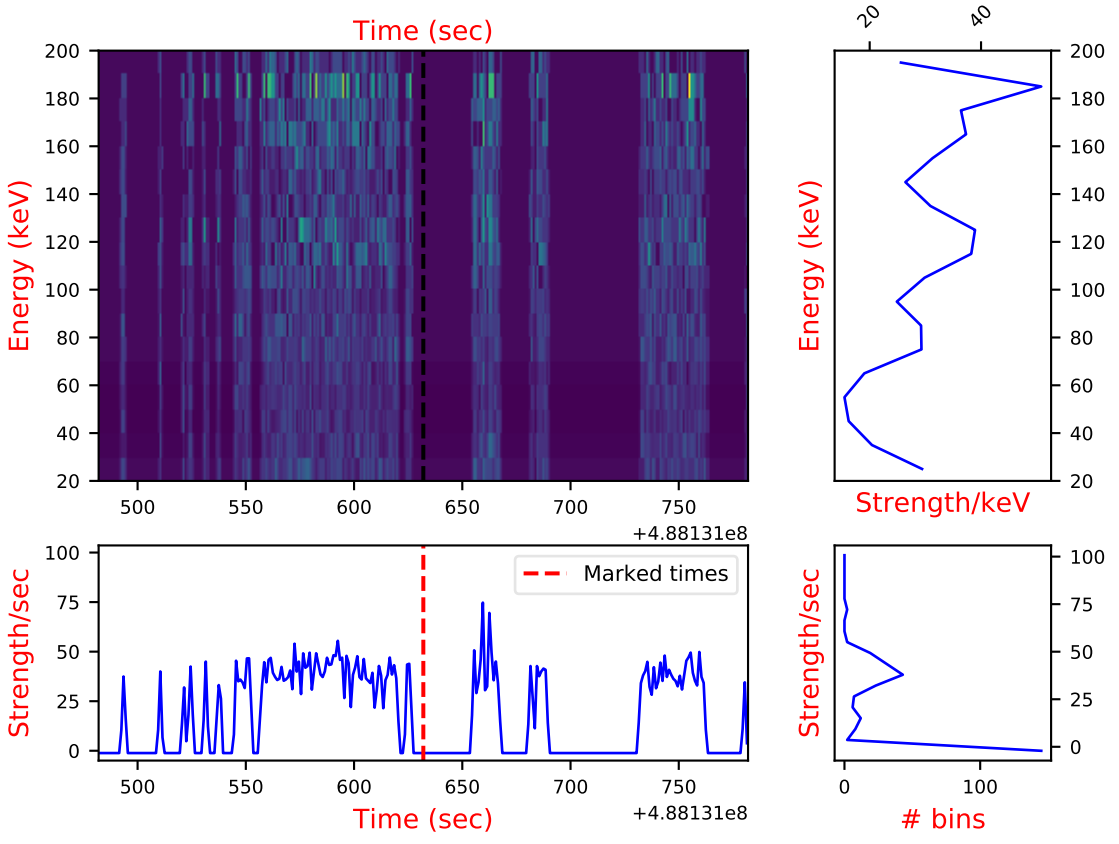

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
+4.88131e8
25
50
Excess counts/keV
Excess counts/sec
Marked times
0
50
100
150
bins
Time (sec)
+4.88131e8

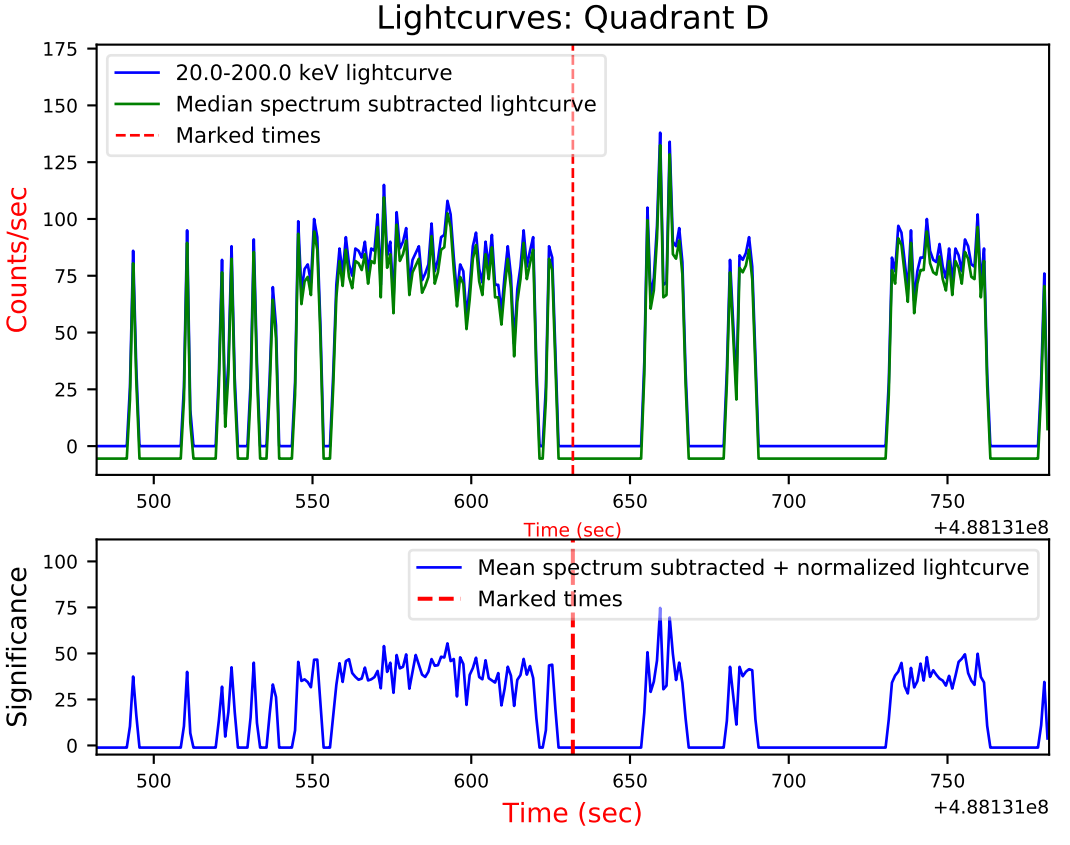

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
+4.88131e8
20
40
60
Strength/keV
Strength/sec
Marked times
0
50
100
150
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
120
100
80
60
40
20
0
500
550
600
650
700
750
Time (sec)
+4.88131e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
150
100
50
0
500
550
600
650
700
750
Time (sec)
+4.88131e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.88131e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+4.88131e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
500
550
600
650
700
750
+4.88131e8
Strength/sec
100
75
50
25
0
Marked times
Time (sec)
+4.88131e8
20
40
Energy (keV)
Strength/keV
Strength/sec
0
100
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
175
150
125
100
75
50
25
0
500
550
600
650
700
750
Time (sec)
+4.88131e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
75
50
25
0
500
550
600
650
700
750
Time (sec)
+4.88131e8