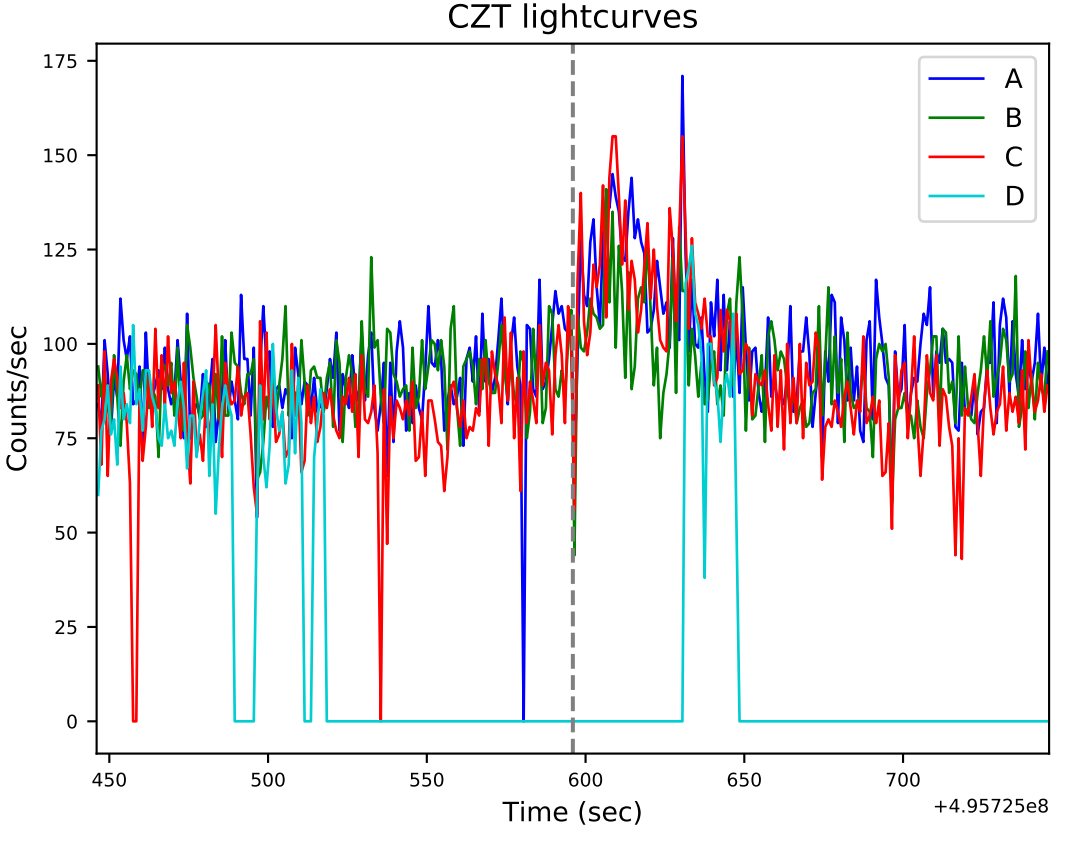
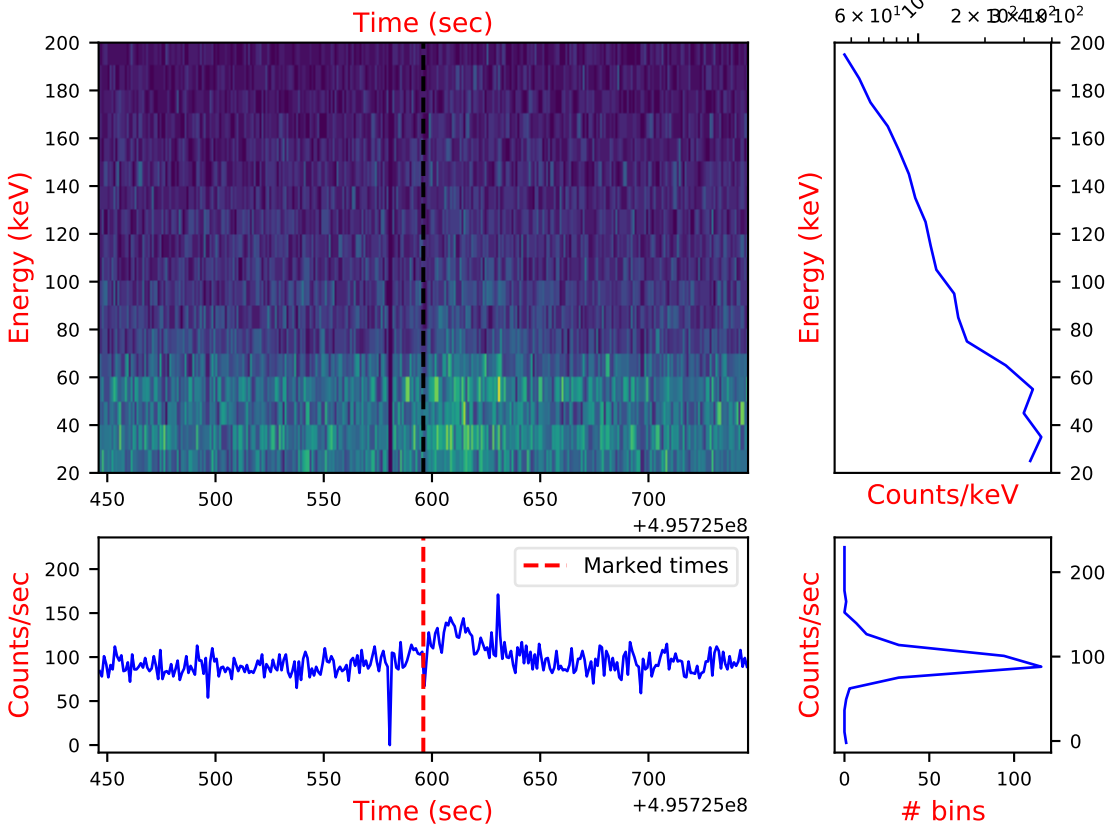
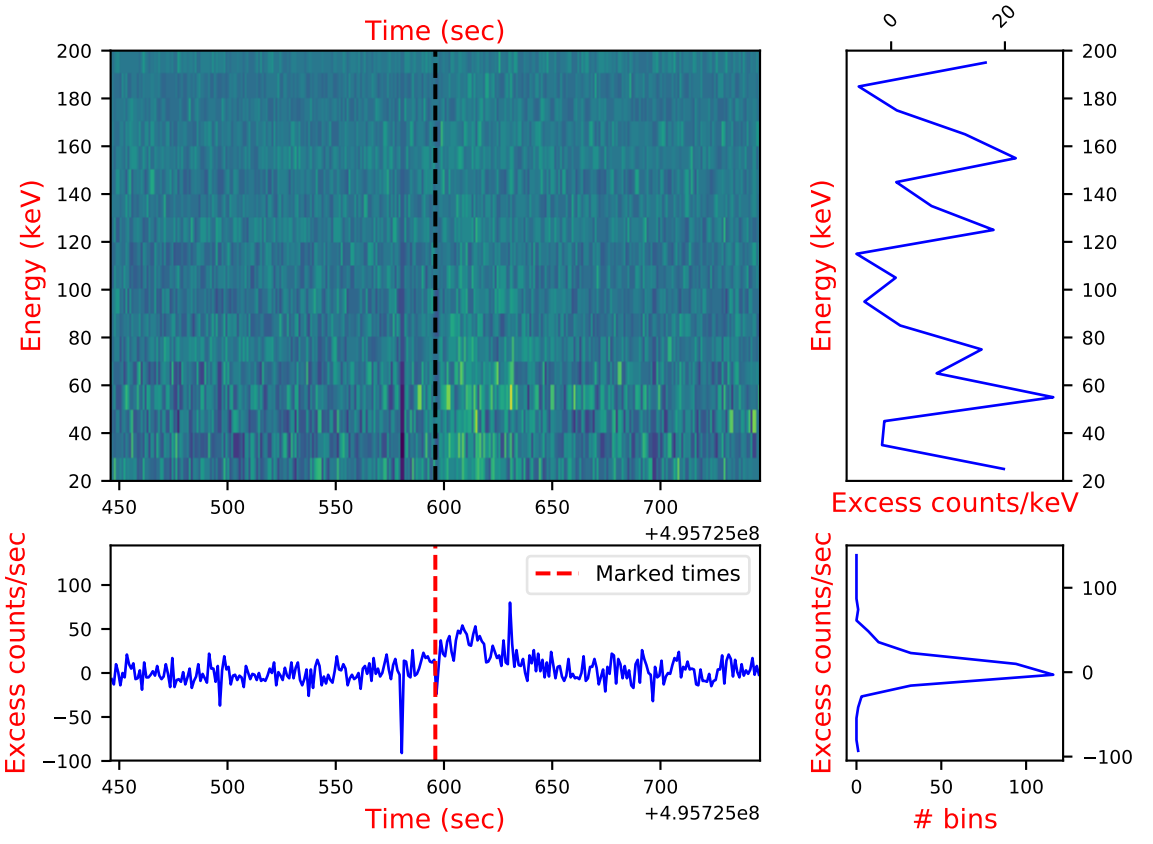
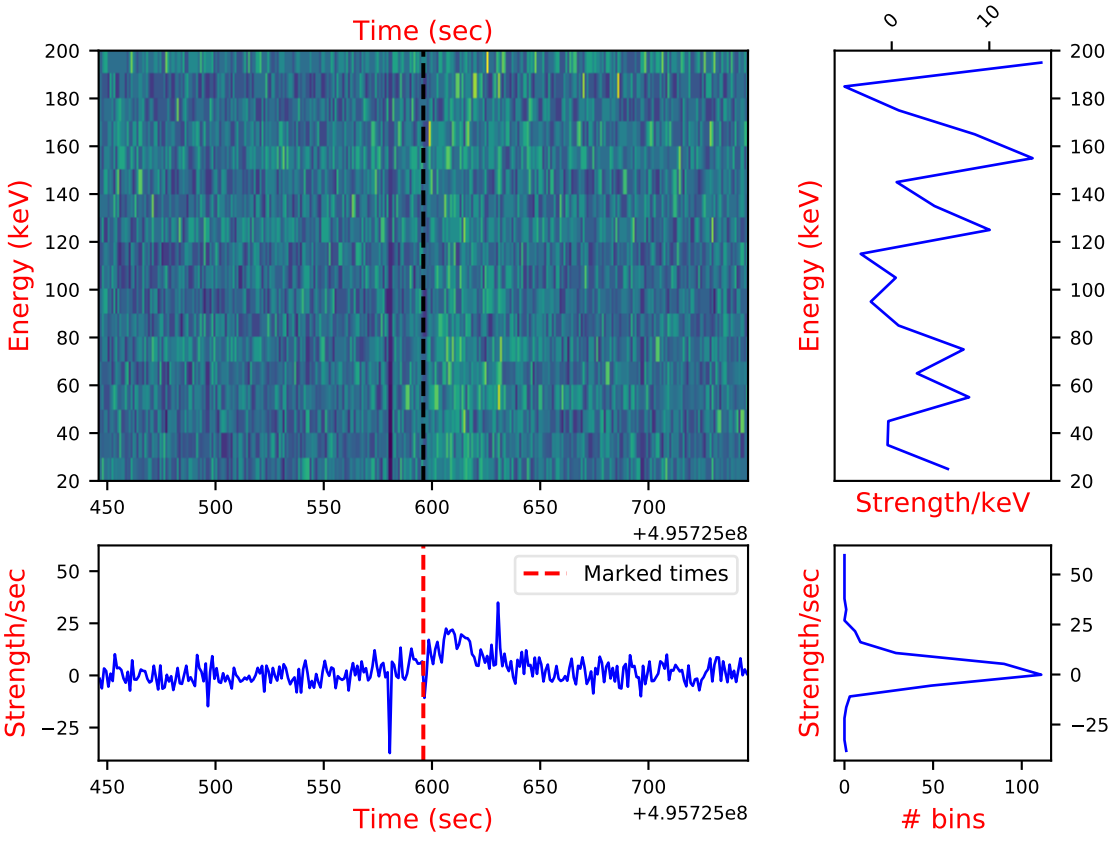
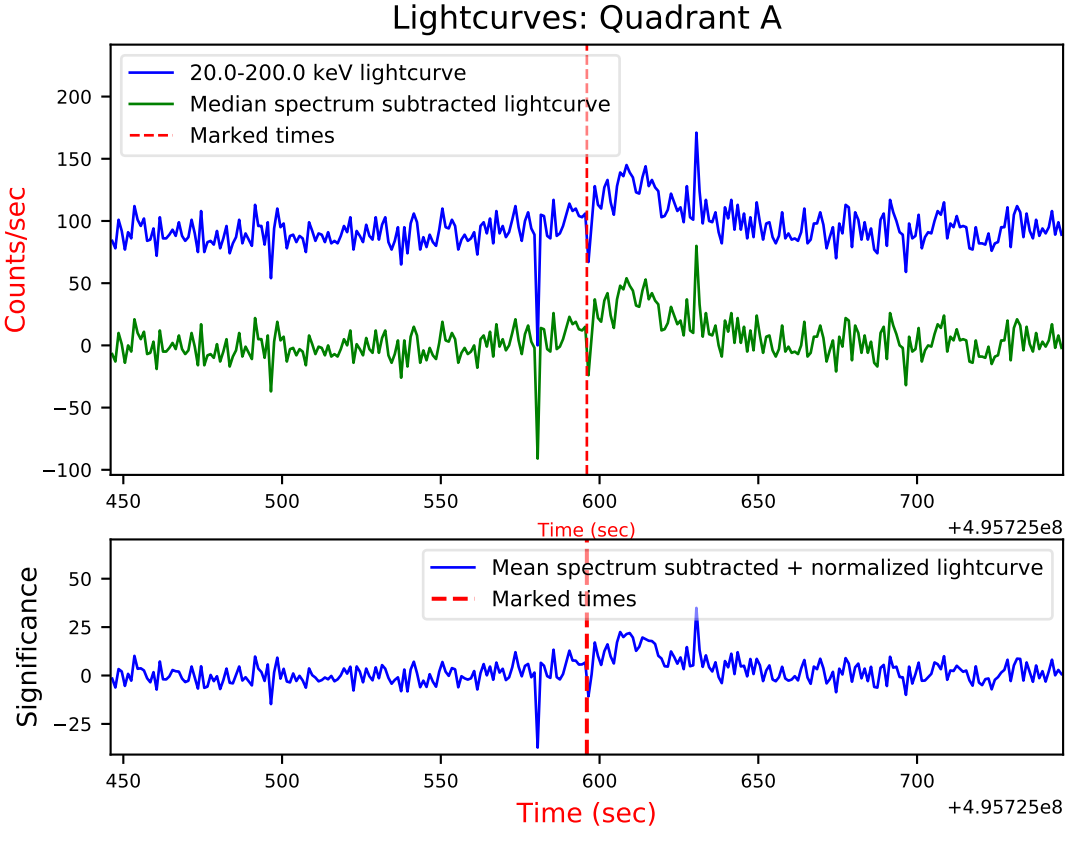
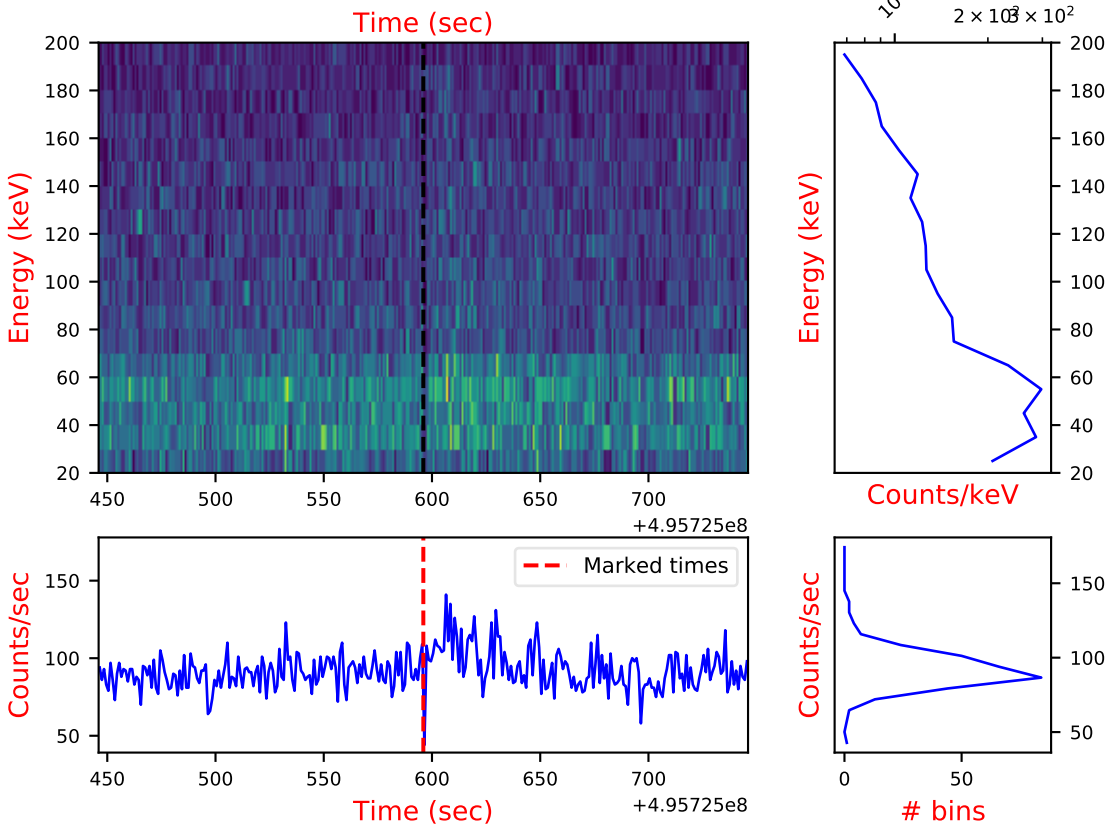

CZT lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.95725e8
175
150
125
100
75
50
25
0
450
500
550
600
650
700

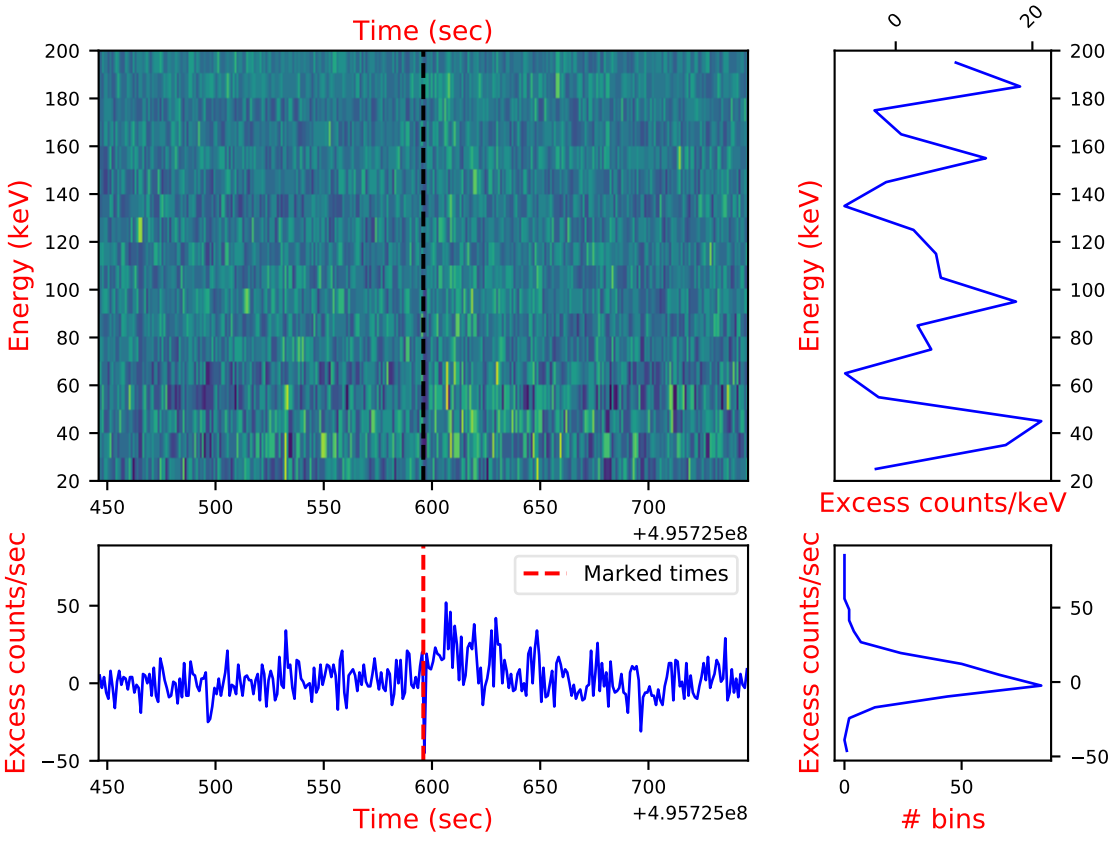

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
+4.95725e8

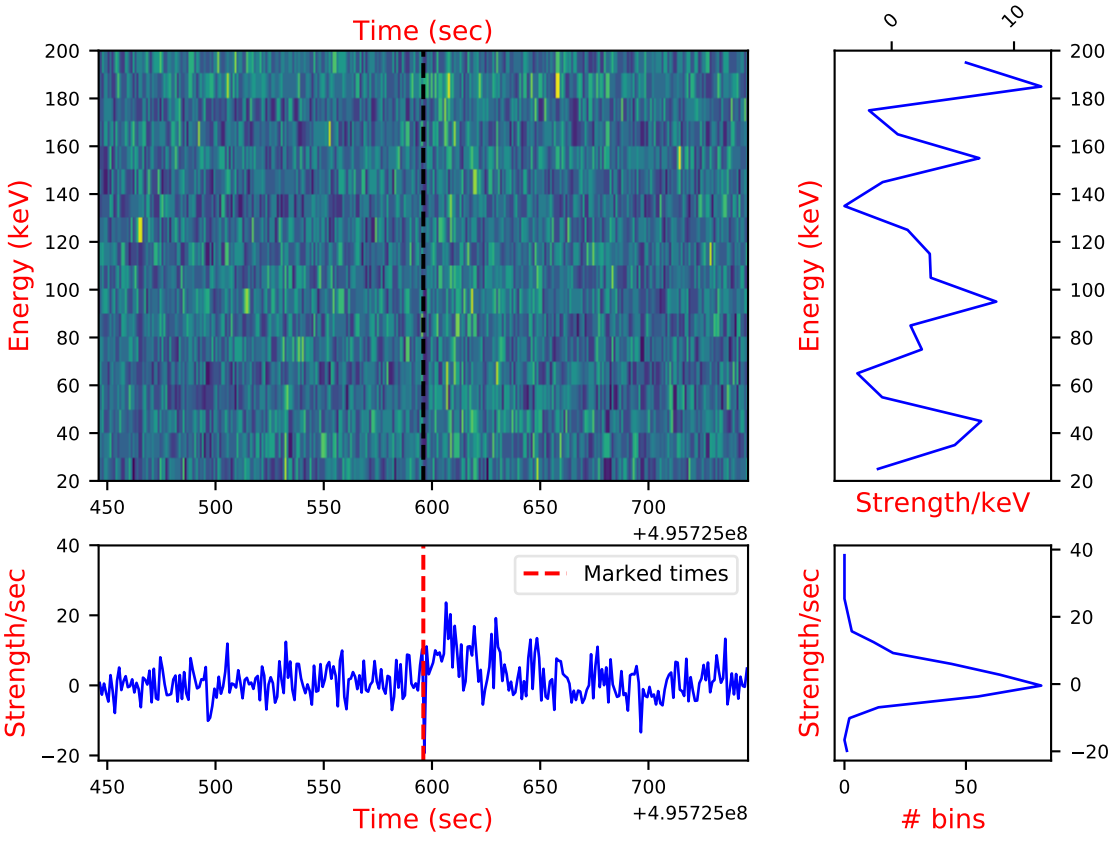

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
−50
−100
Time (sec)
bins

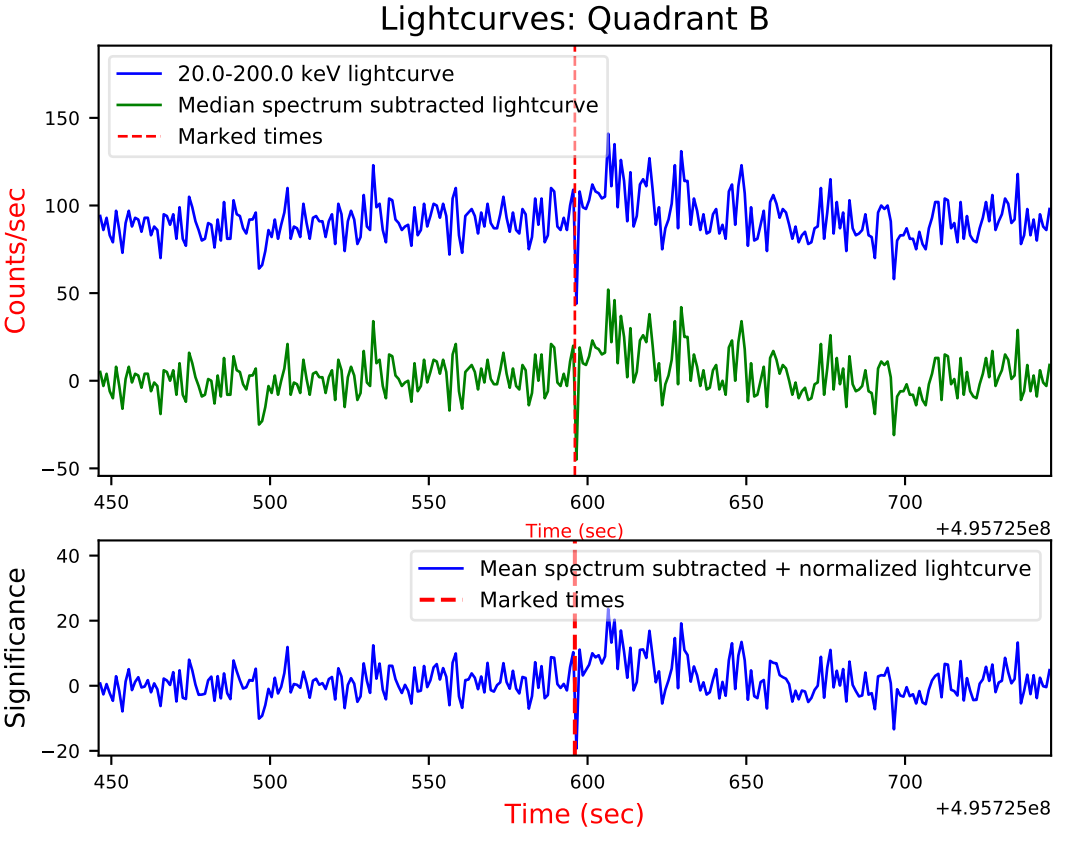

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
0
10
Energy (keV)
Strength/keV
Strength/sec
50
25
0
−25
Marked times
Time (sec)
+4.95725e8
Strength/sec
bins
0
50
100

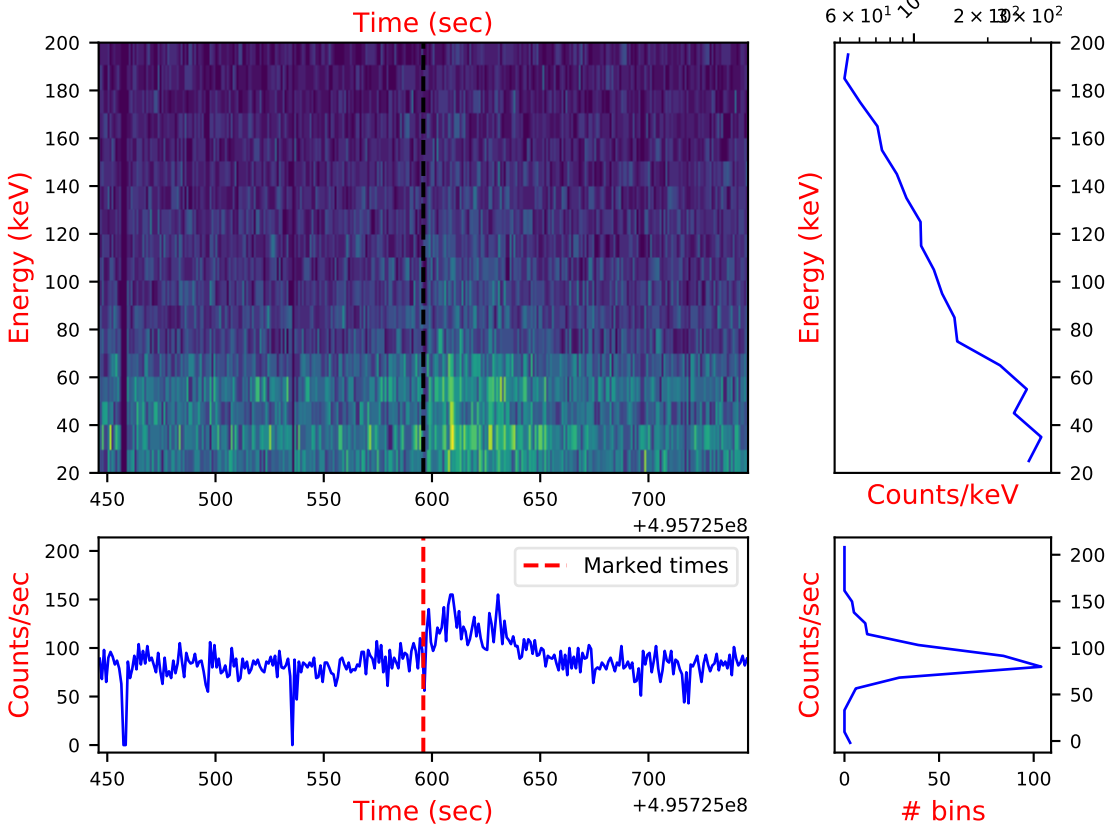

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−100
450
500
550
600
650
700
Time (sec)
+4.95725e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
50
25
0
−25
450
500
550
600
650
700
Time (sec)
+4.95725e8

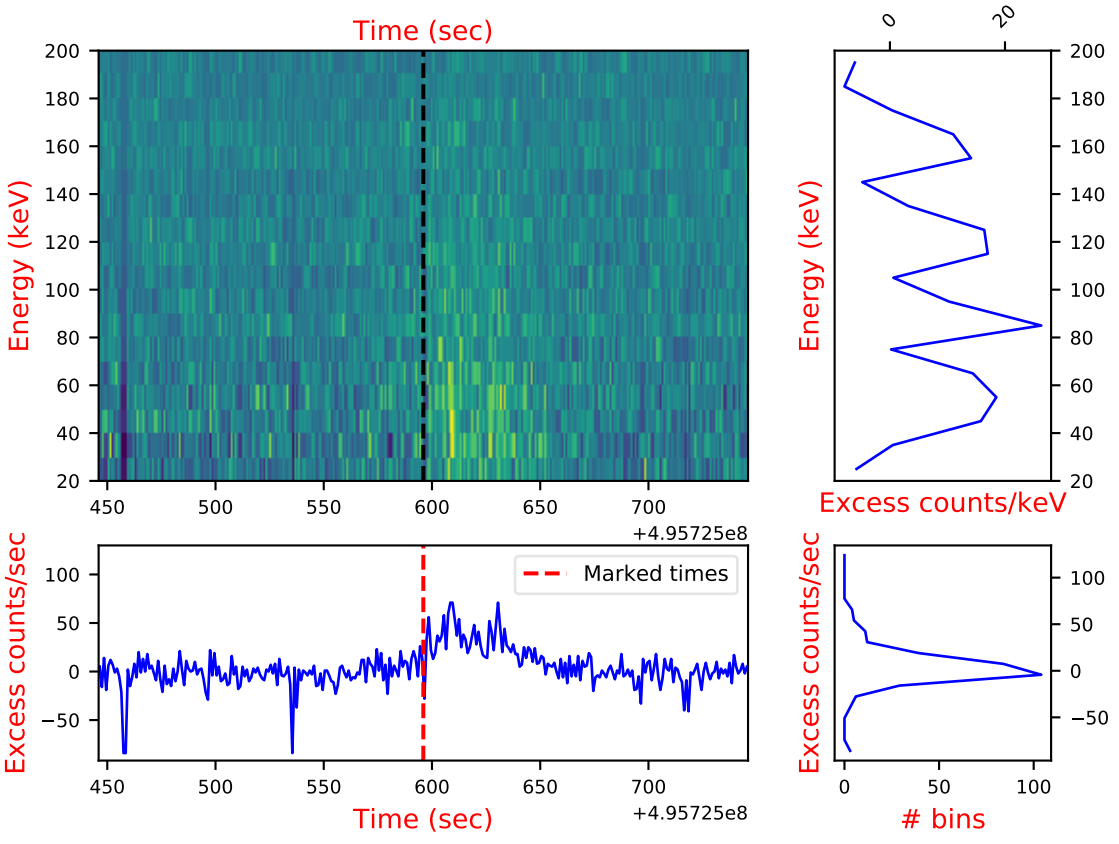

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
Counts/sec
150
100
50
Marked times
Time (sec)
+4.95725e8
10^2
2×10^2
3×10^2
Energy (keV)
Counts/keV
Counts/sec
0
50
bins

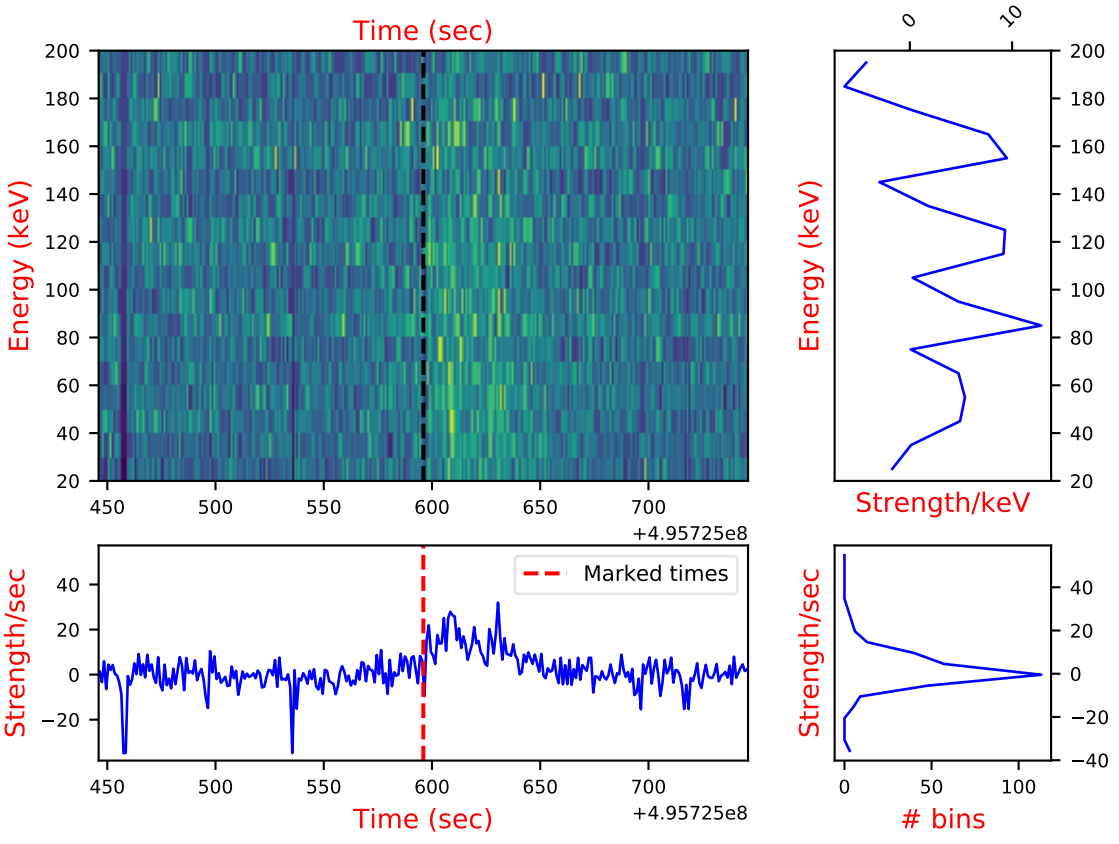

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
50
0
−50
Time (sec)
bins

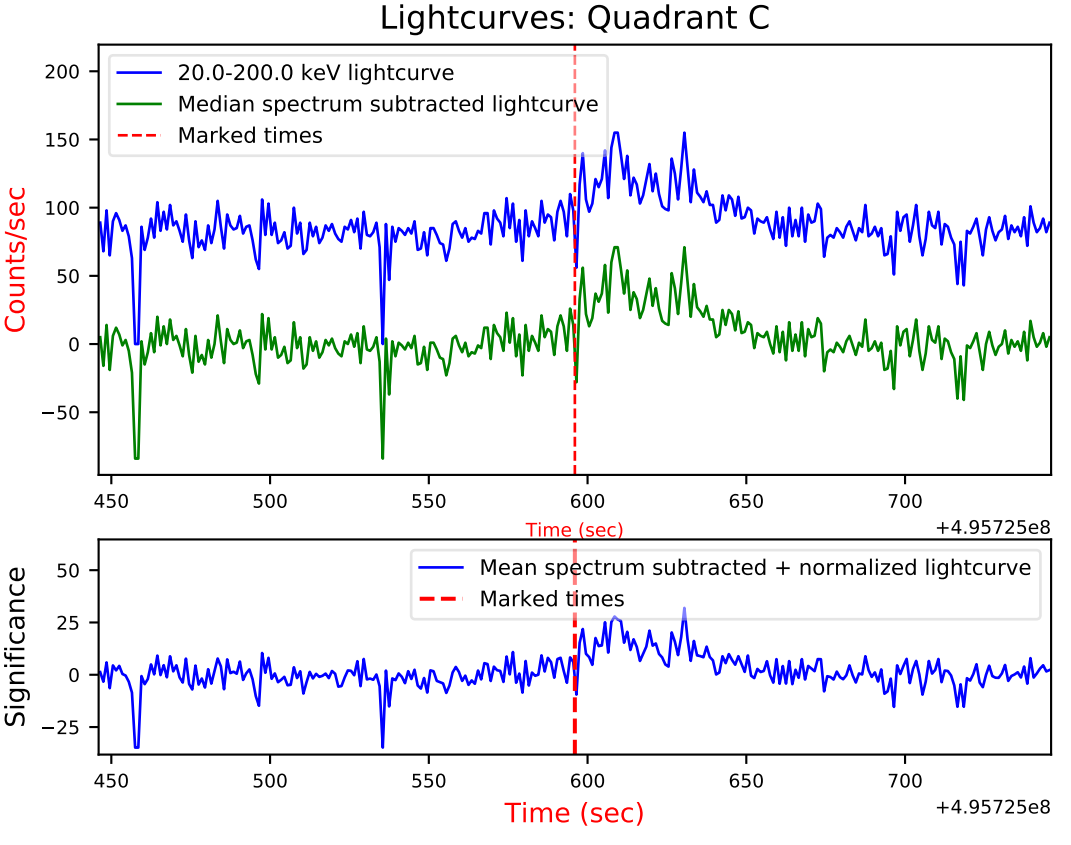

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
0
10
Strength/keV
Strength/sec
40
20
0
−20
Marked times
bins
50

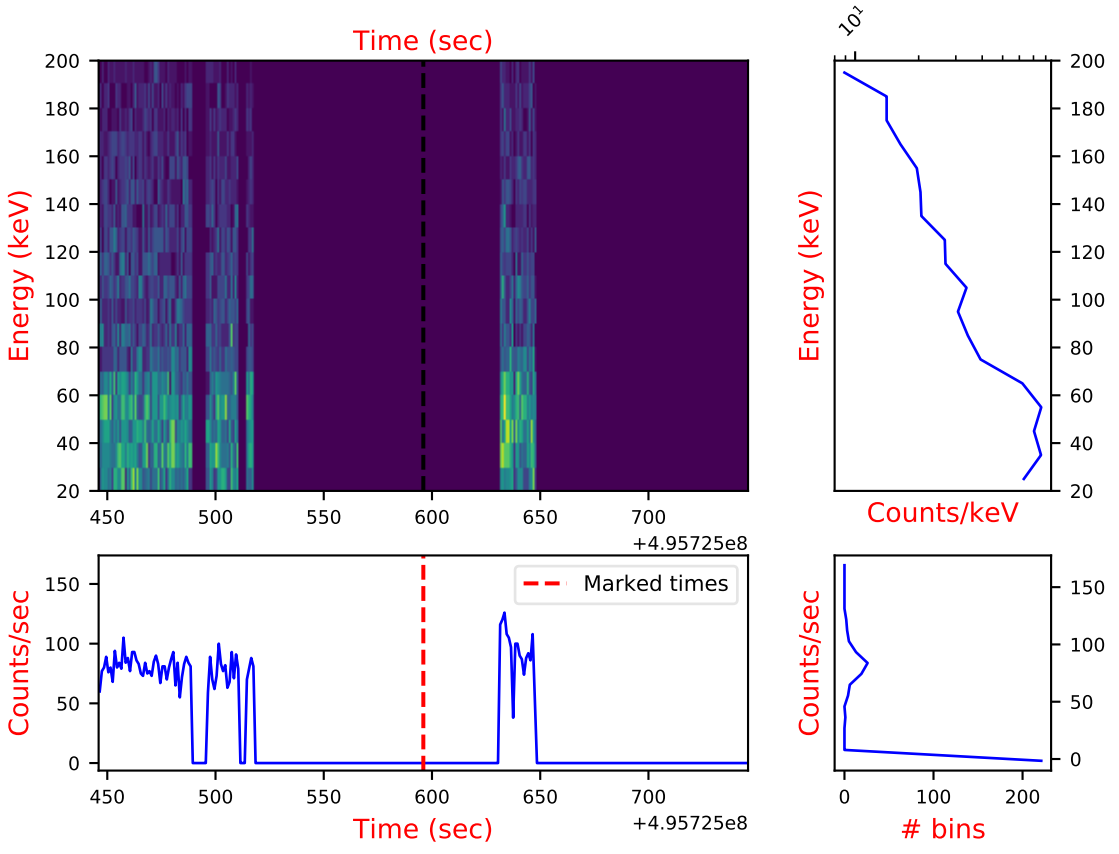

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
450
500
550
600
650
700
Time (sec)
+4.95725e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
450
500
550
600
650
700
Time (sec)
+4.95725e8

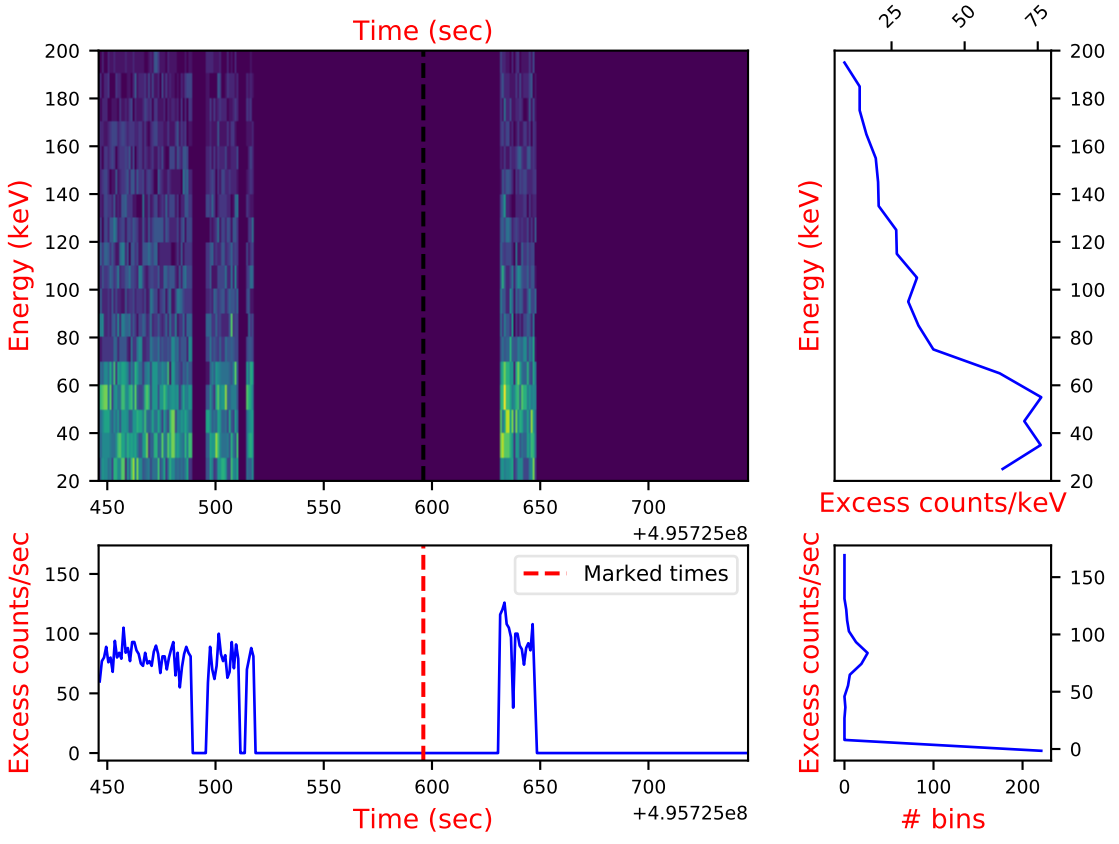

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.95725e8
bins

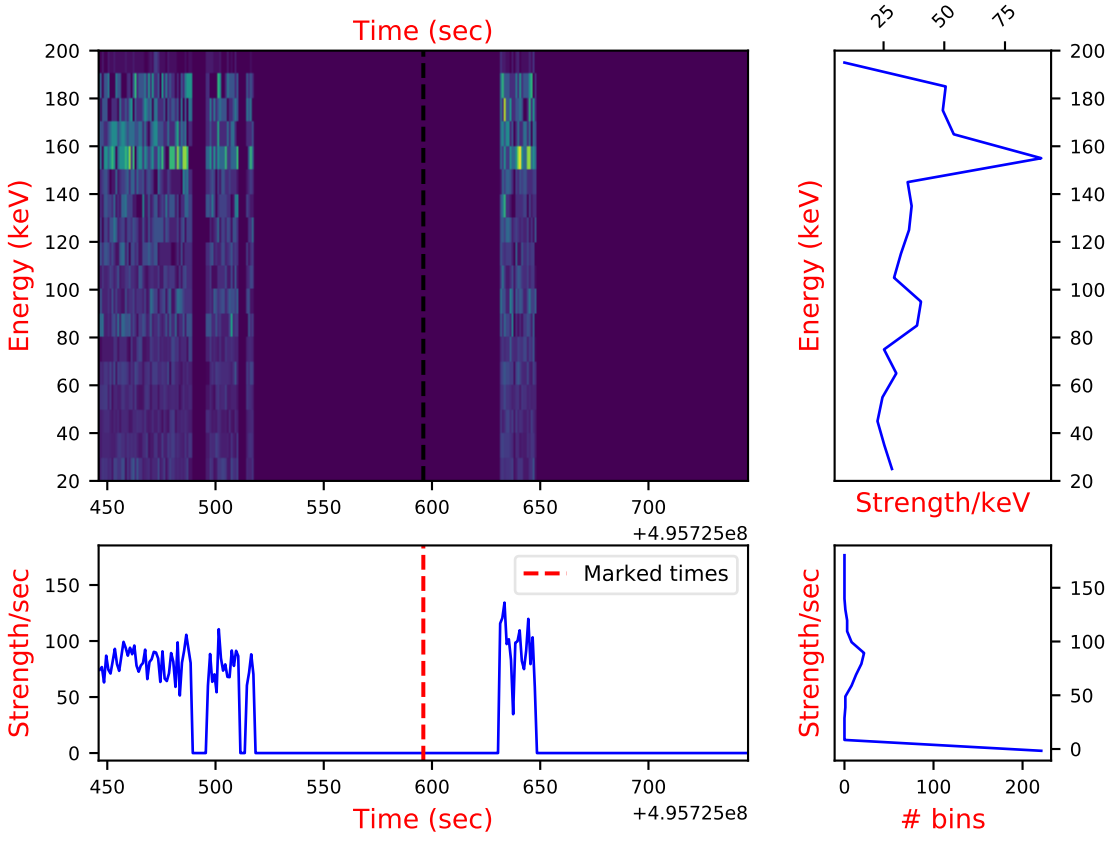

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
0
20
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins

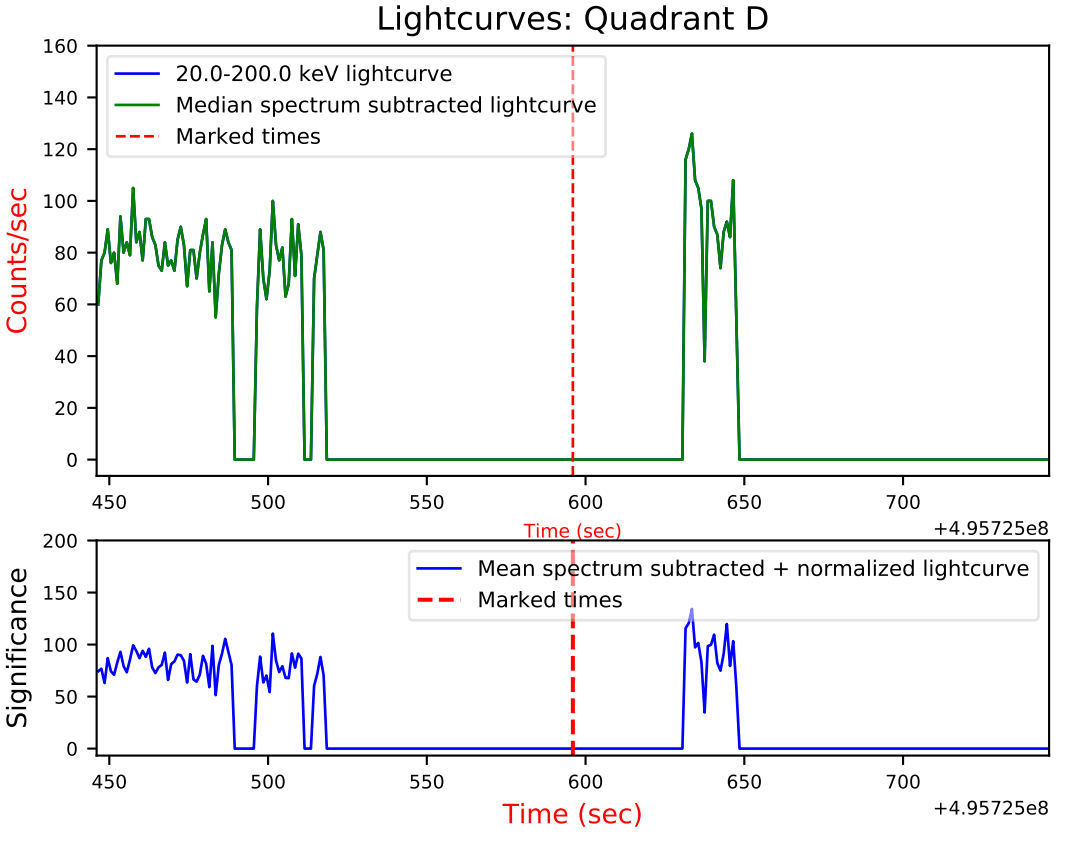

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
0
10
Strength/keV
Strength/sec
Marked times
40
20
0
−20
−40
50
100
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
450
500
550
600
650
700
Time (sec)
+4.95725e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
50
25
0
−25
450
500
550
600
650
700
Time (sec)
+4.95725e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.95725e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
25
50
75
Excess counts/keV
Excess counts/sec
150
100
50
0
Marked times
Time (sec)
bins
200


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.95725e8
25
50
75
Strength/keV
Strength/sec
Marked times
0
50
100
150
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
Time (sec)
+4.95725e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
Time (sec)
+4.95725e8