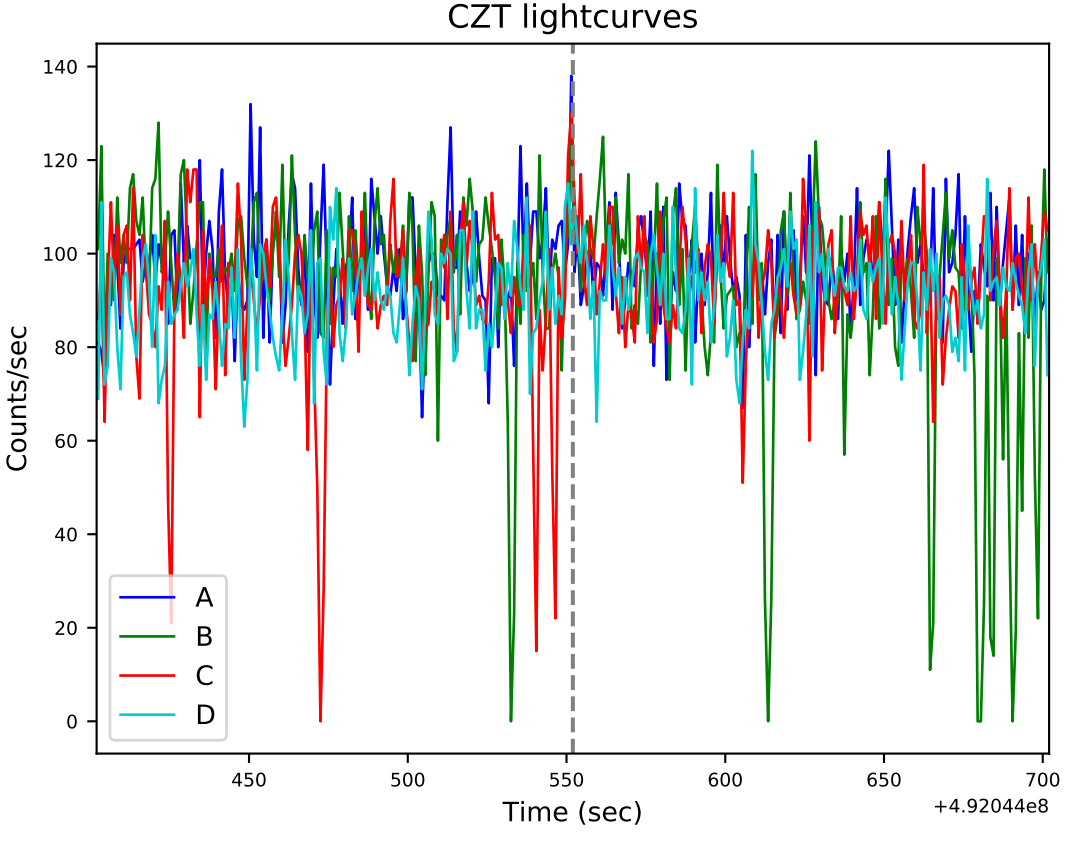
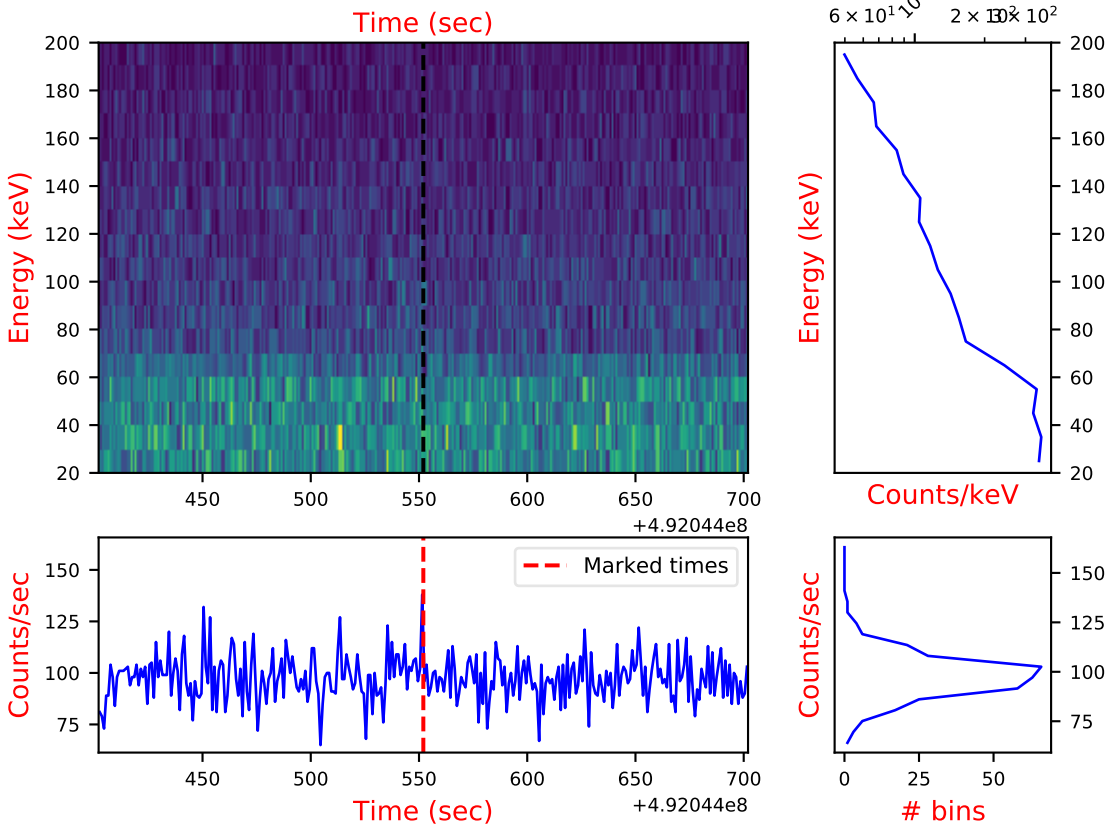
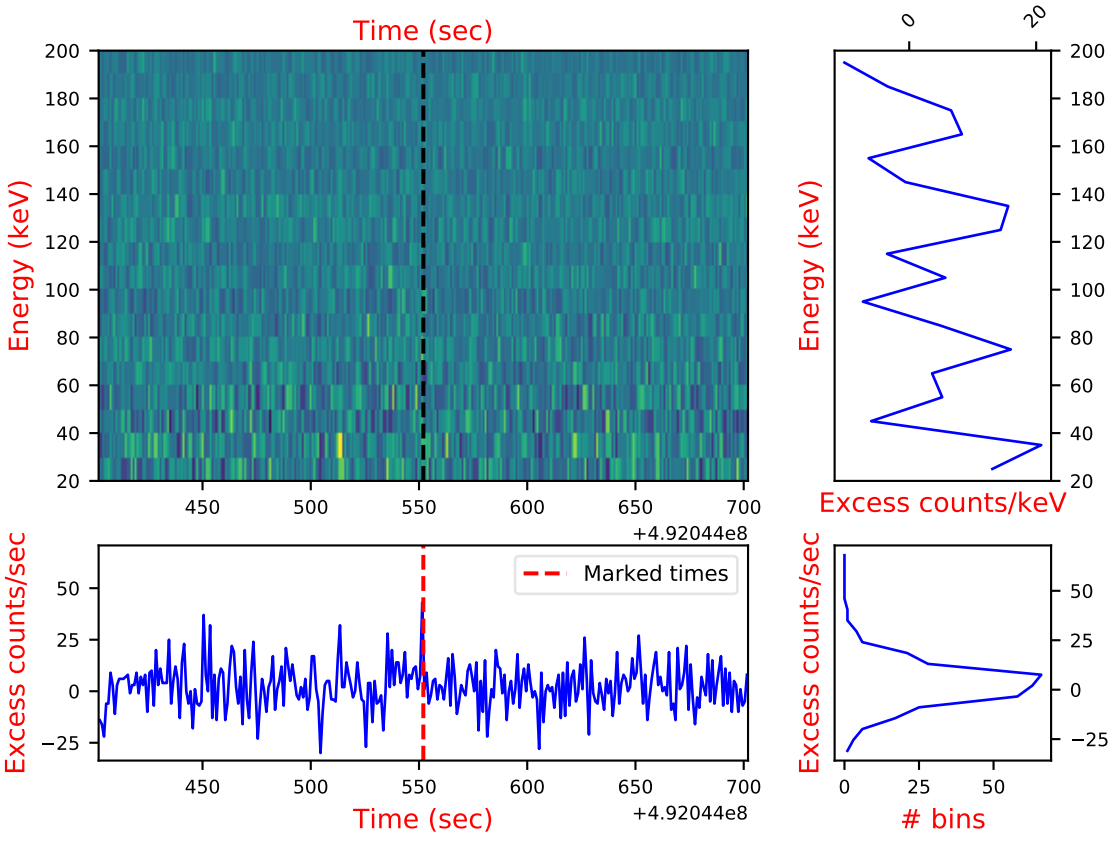
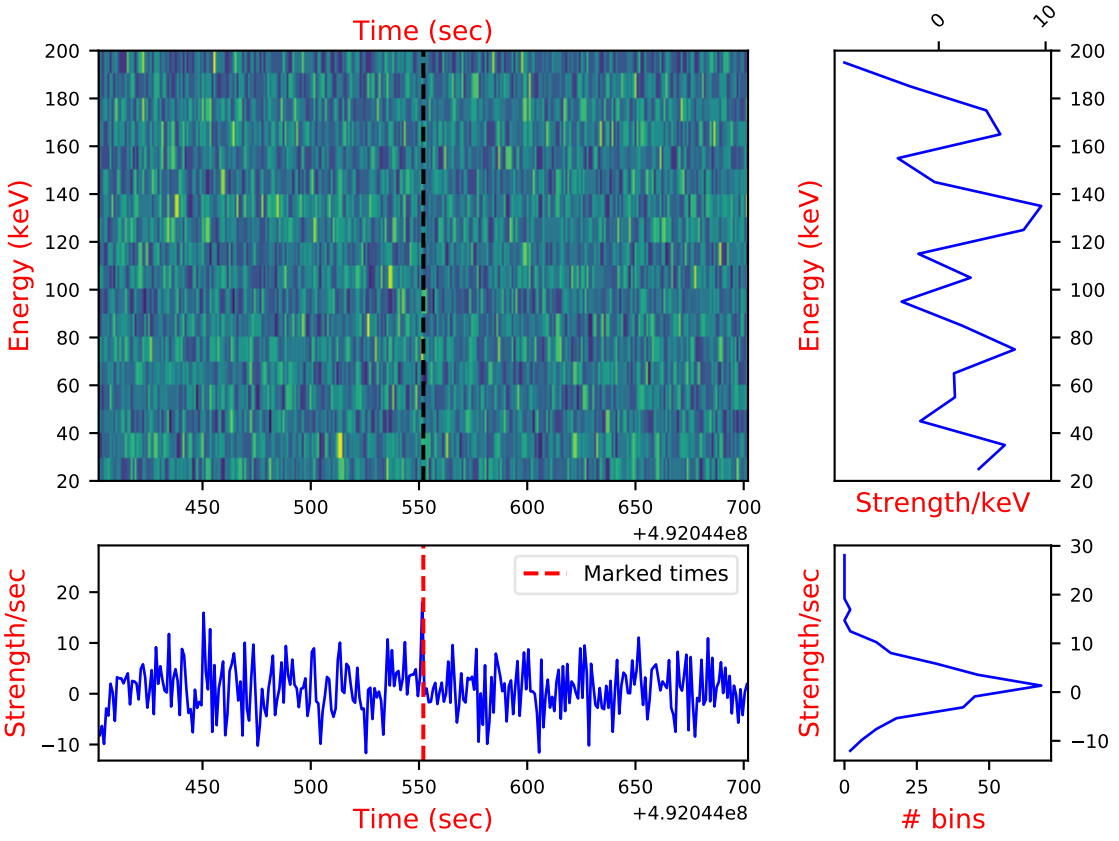
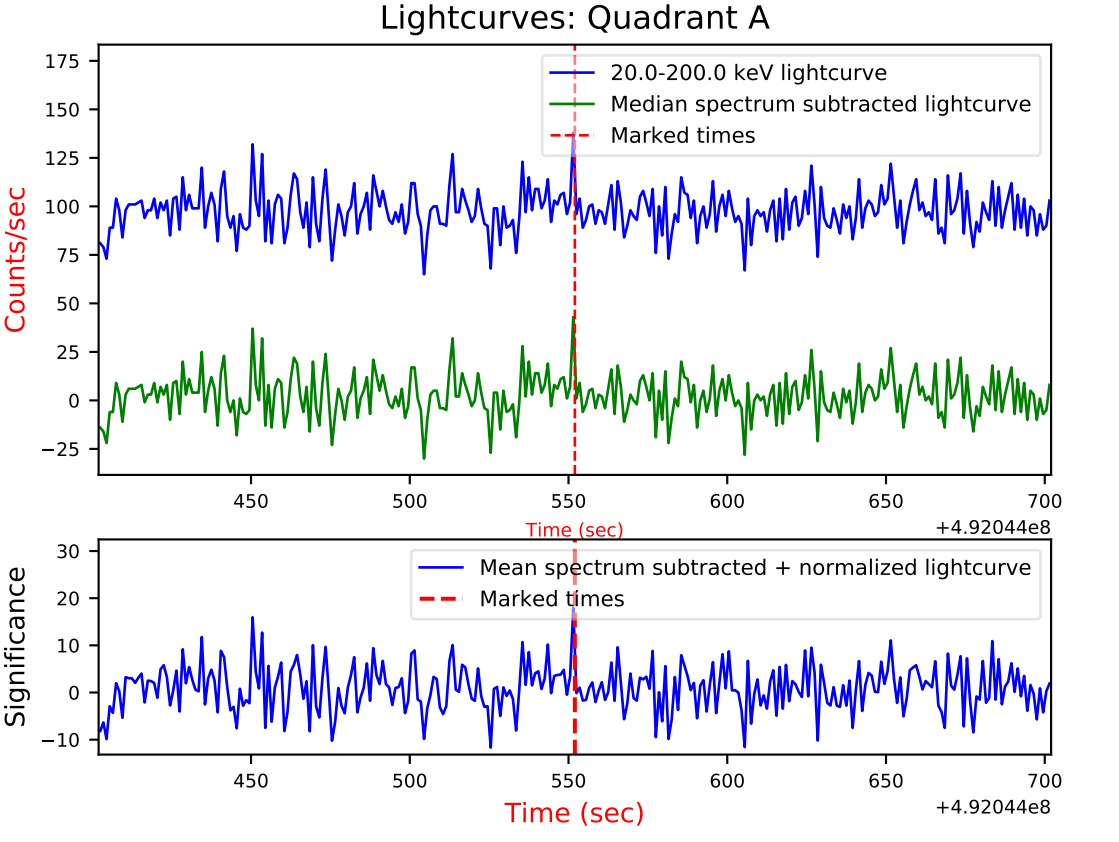
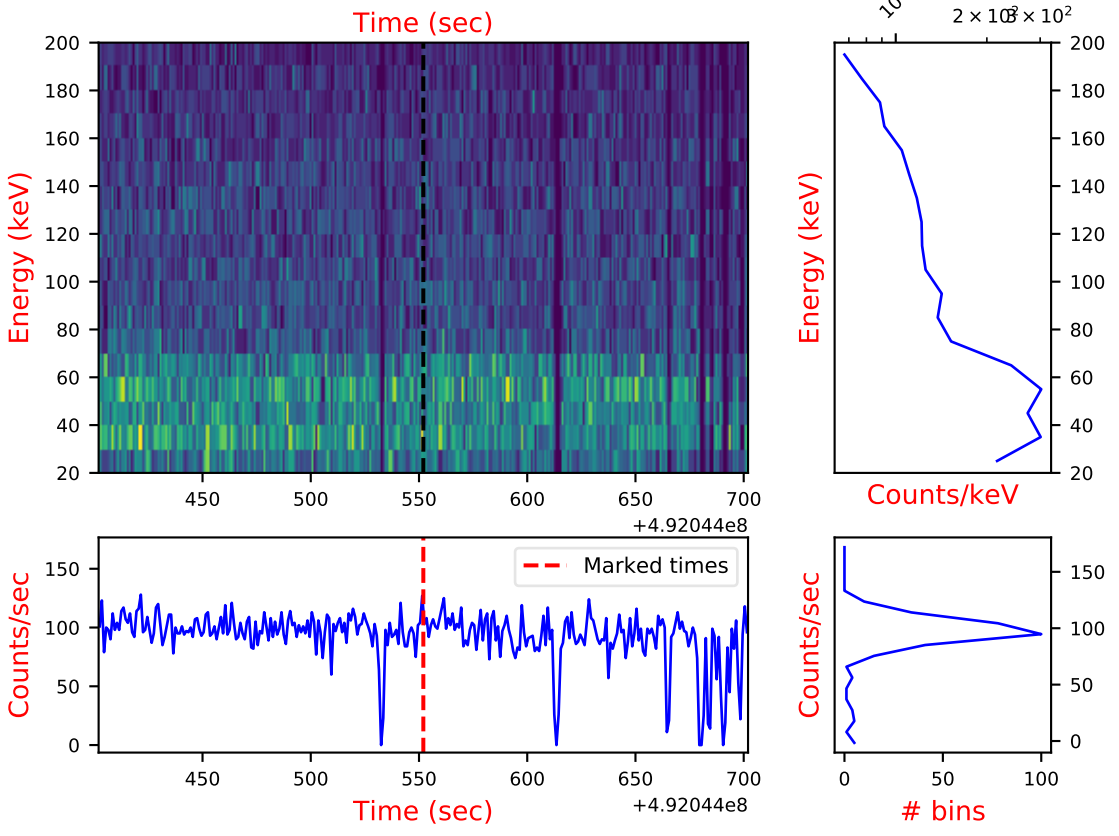

CZT lightcurves
Counts/sec
Time (sec)
+4.92044e8
A
B
C
D
0
20
40
60
80
100
120
140
450
500
550
600
650
700

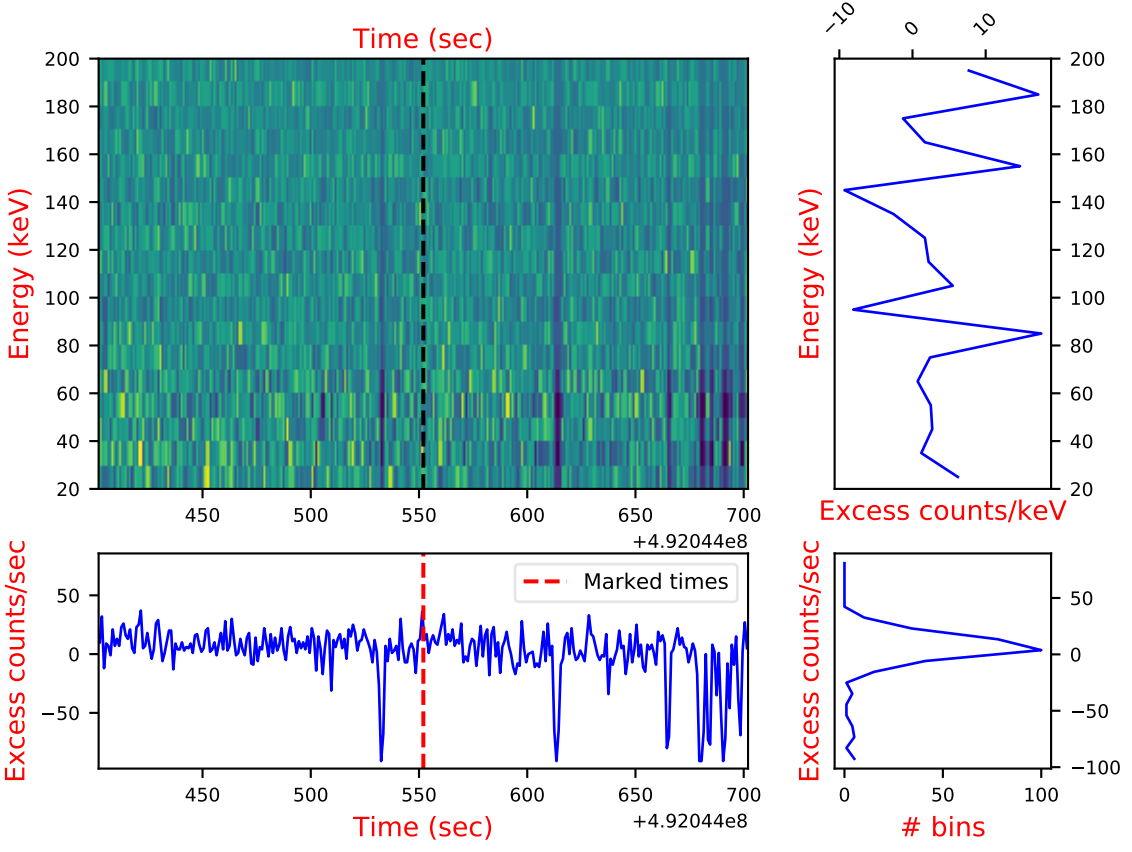

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
Counts/sec
150
125
100
75
Marked times
Time (sec)
+4.92044e8
6×10^1
10^2
2×10^2
3×10^2
Energy (keV)
Counts/keV
Counts/sec
0
25
50
bins

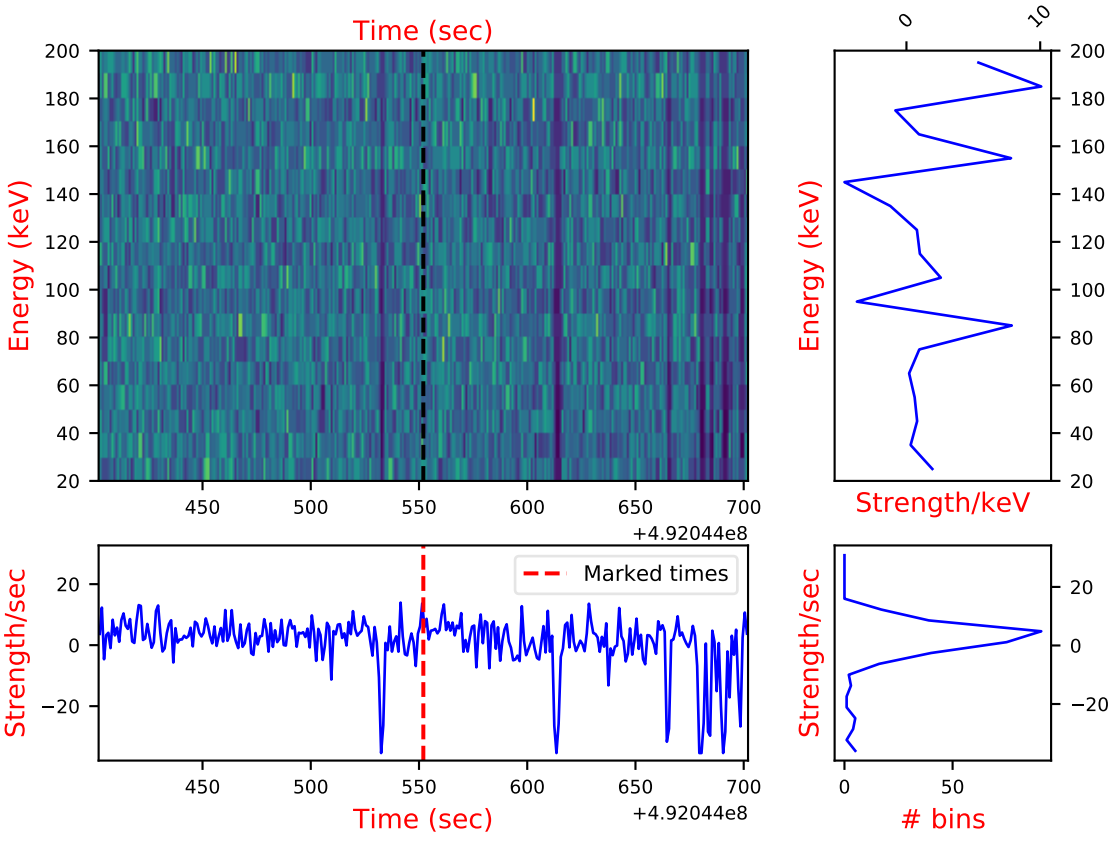

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
20
Excess counts/keV
Excess counts/sec
50
25
0
−25
Marked times
Time (sec)
bins

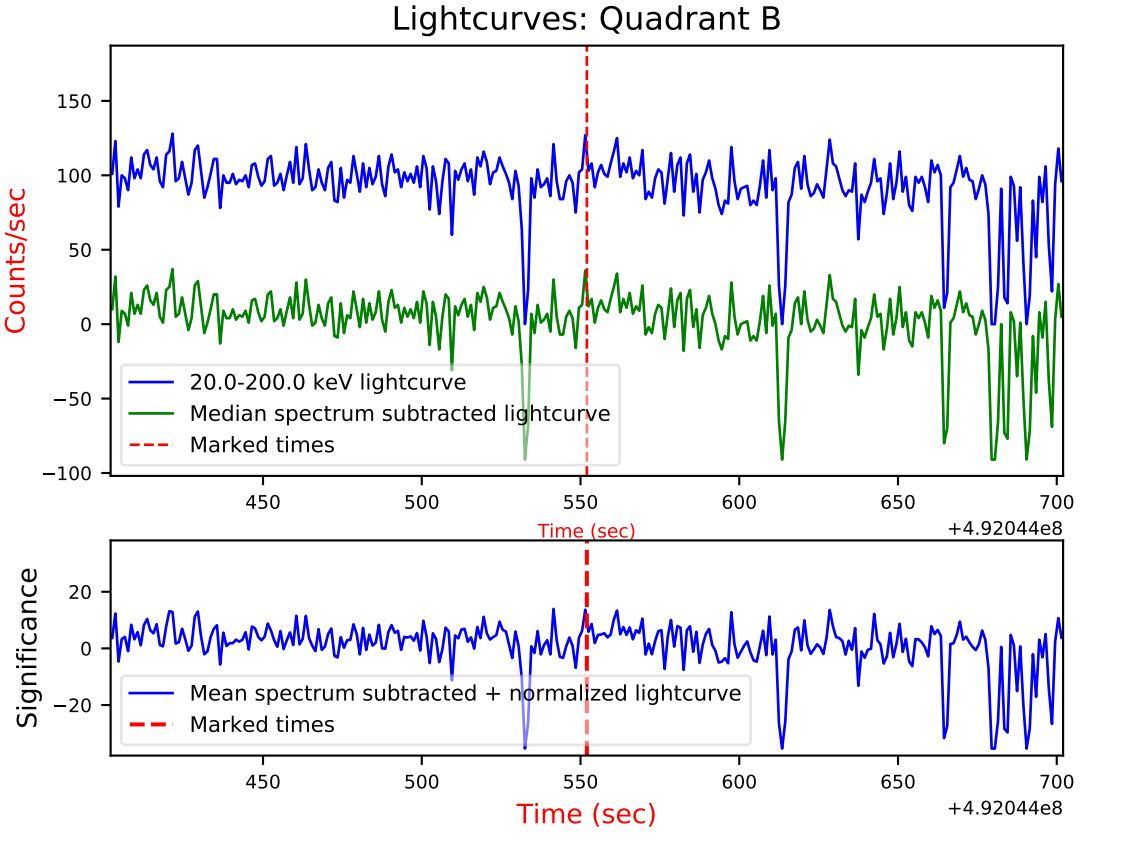

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
10
Strength/keV
Strength/sec
Marked times
30
20
10
0
−10
25
50
bins

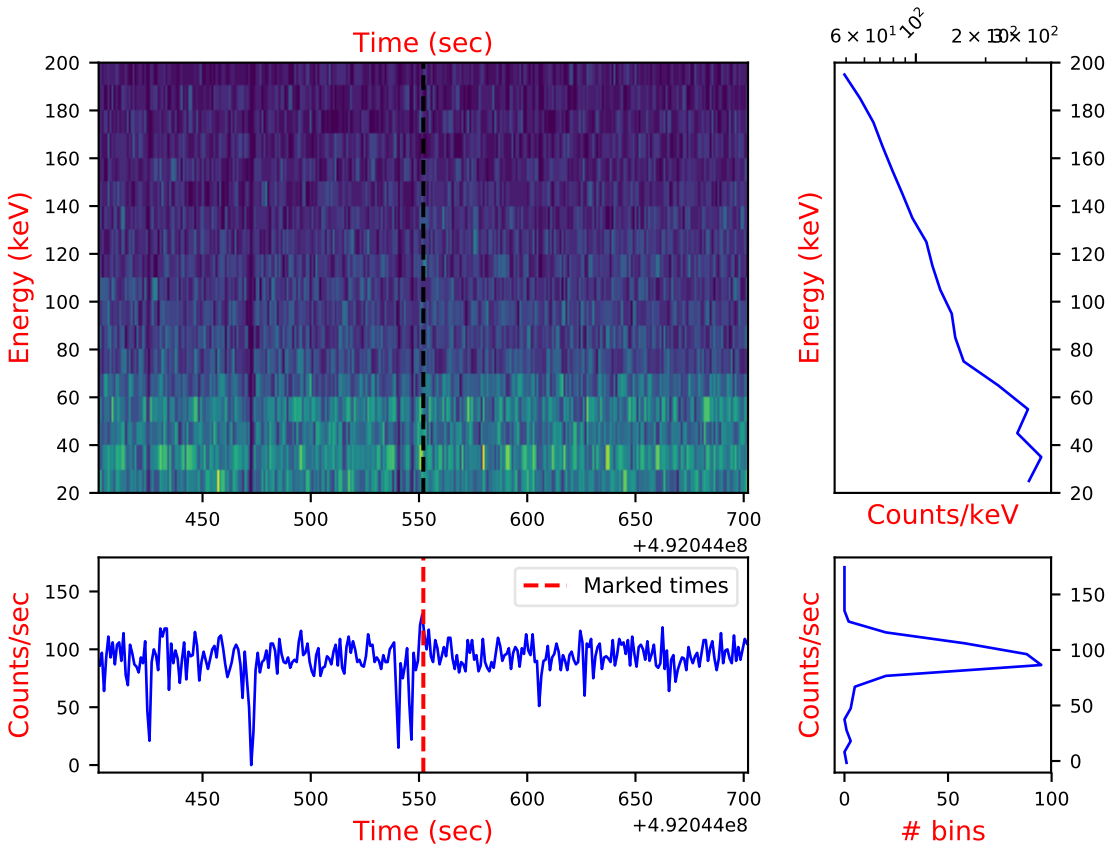

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
175
150
125
100
75
50
25
0
−25
450
500
550
600
650
700
Time (sec)
+4.92044e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
30
20
10
0
−10
450
500
550
600
650
700
Time (sec)
+4.92044e8

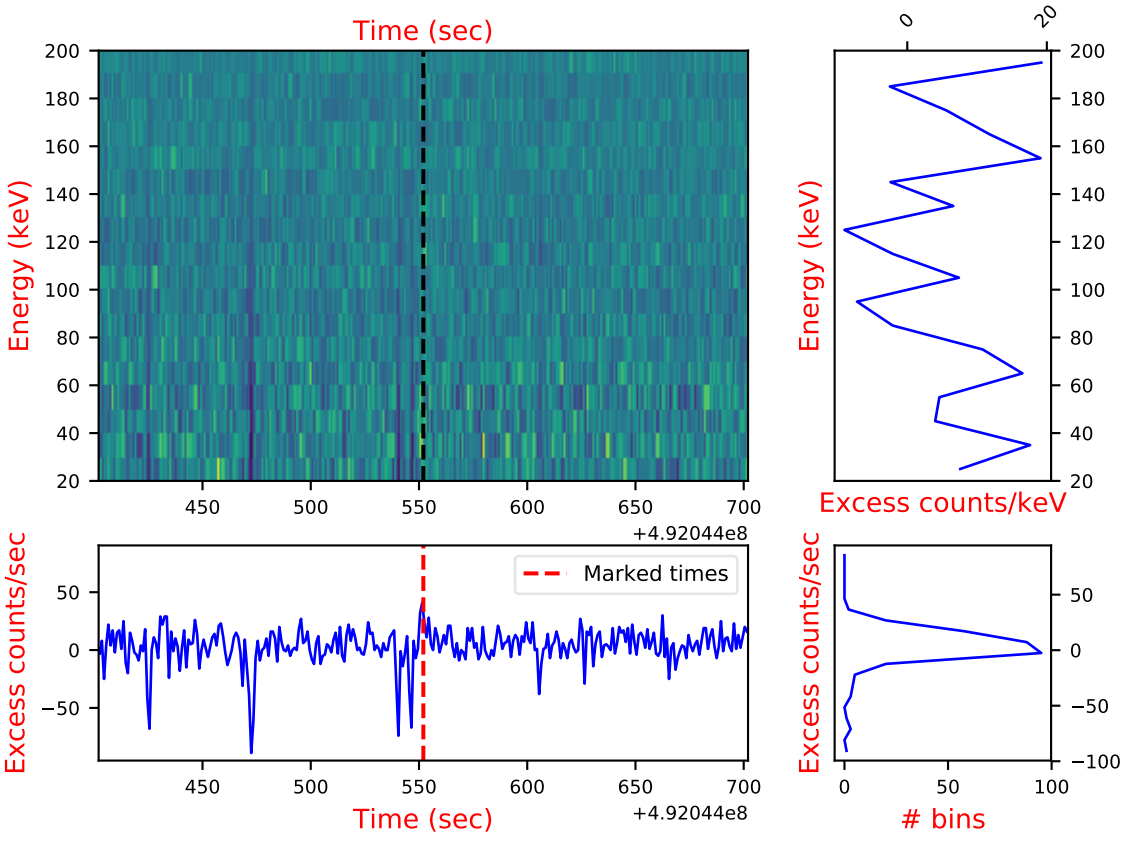

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.92044e8
bins

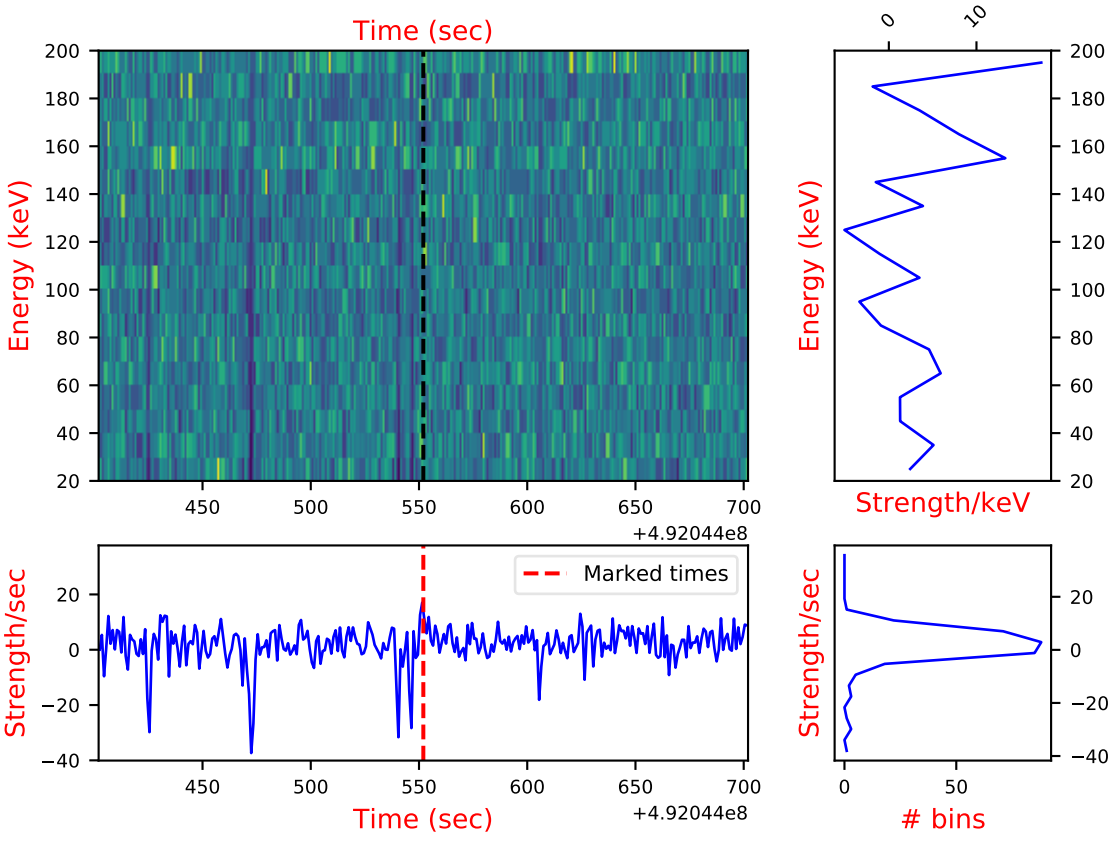

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
−10
0
10
Excess counts/keV
+4.92044e8
Excess counts/sec
Marked times
50
0
−50
−100
bins

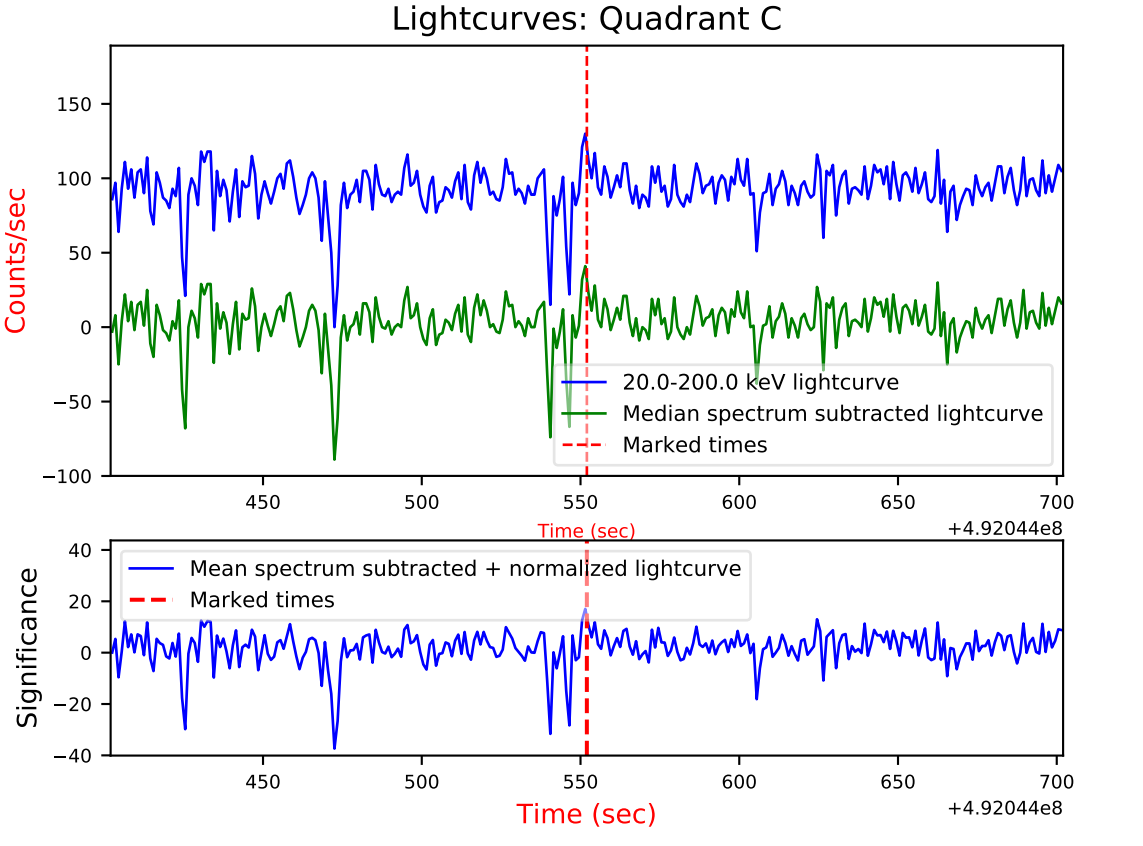

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
10
Strength/keV
Strength/sec
20
0
−20
Marked times
Time (sec)
bins
50

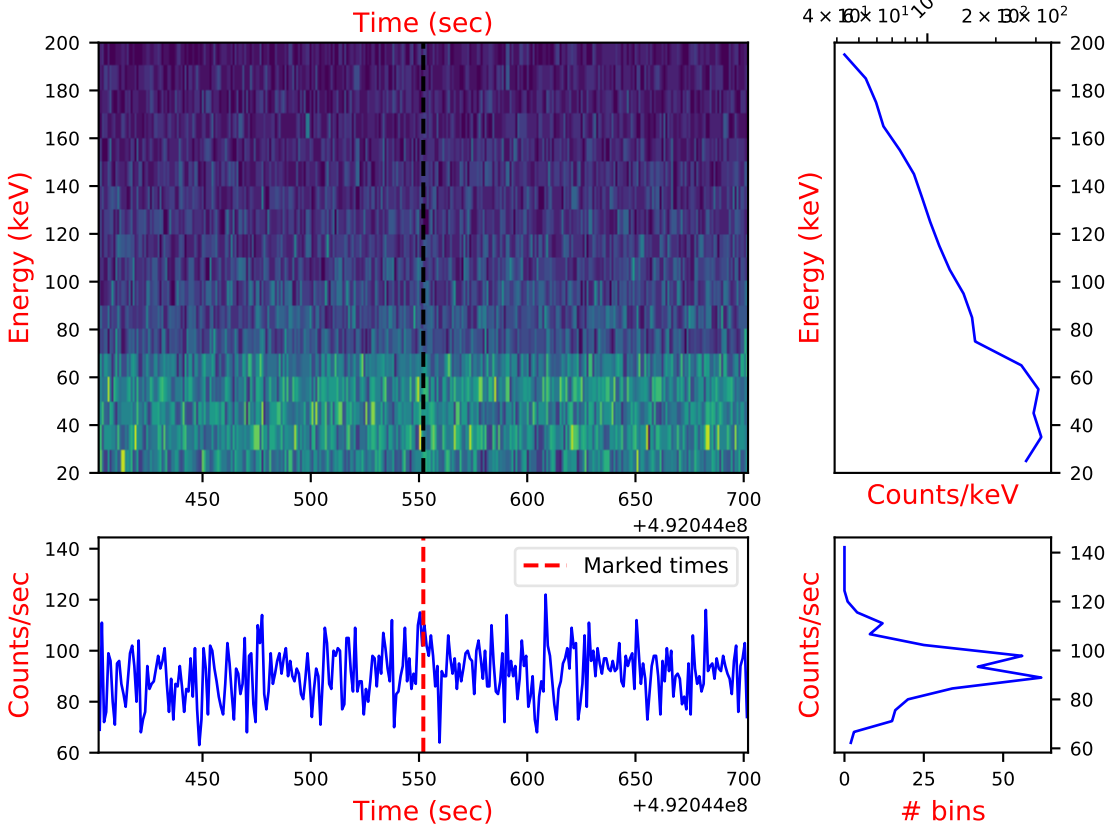

Lightcurves: Quadrant B
Counts/sec
150
100
50
0
−50
−100
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
450
500
550
600
650
700
Time (sec)
+4.92044e8
Significance
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
450
500
550
600
650
700
Time (sec)
+4.92044e8

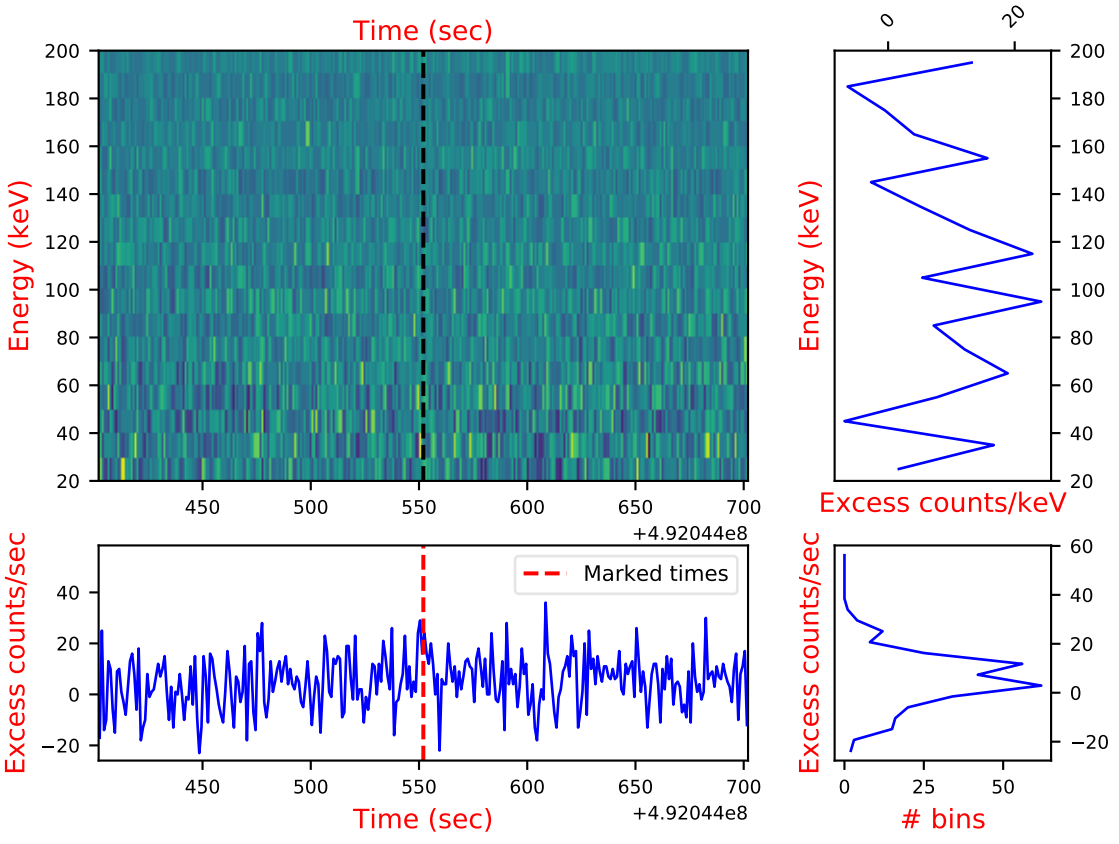

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
Counts/sec
150
100
50
0
Marked times
Time (sec)
+4.92044e8
Energy (keV)
Counts/keV
6×10^1
10^2
2×10^2
3×10^2
Counts/sec
bins
0
50
100

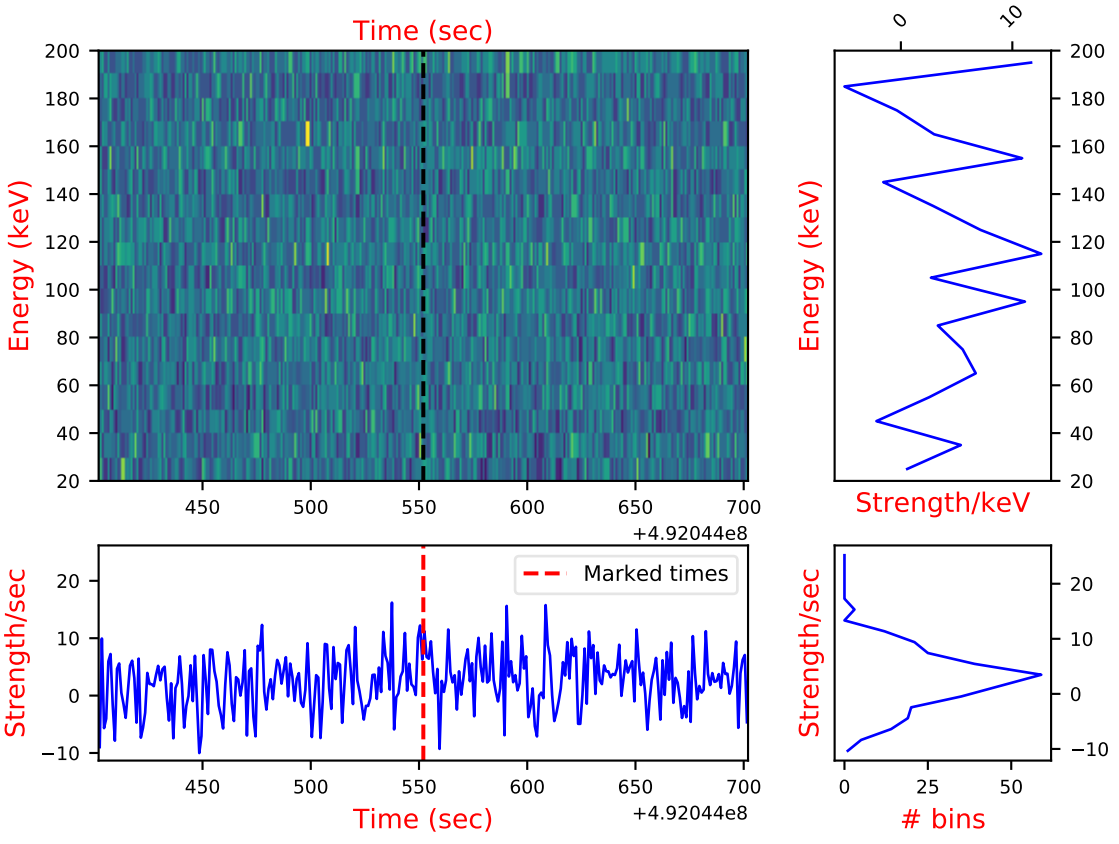

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
20
Excess counts/keV
Excess counts/sec
50
0
−50
Marked times
Time (sec)
−100
bins
100

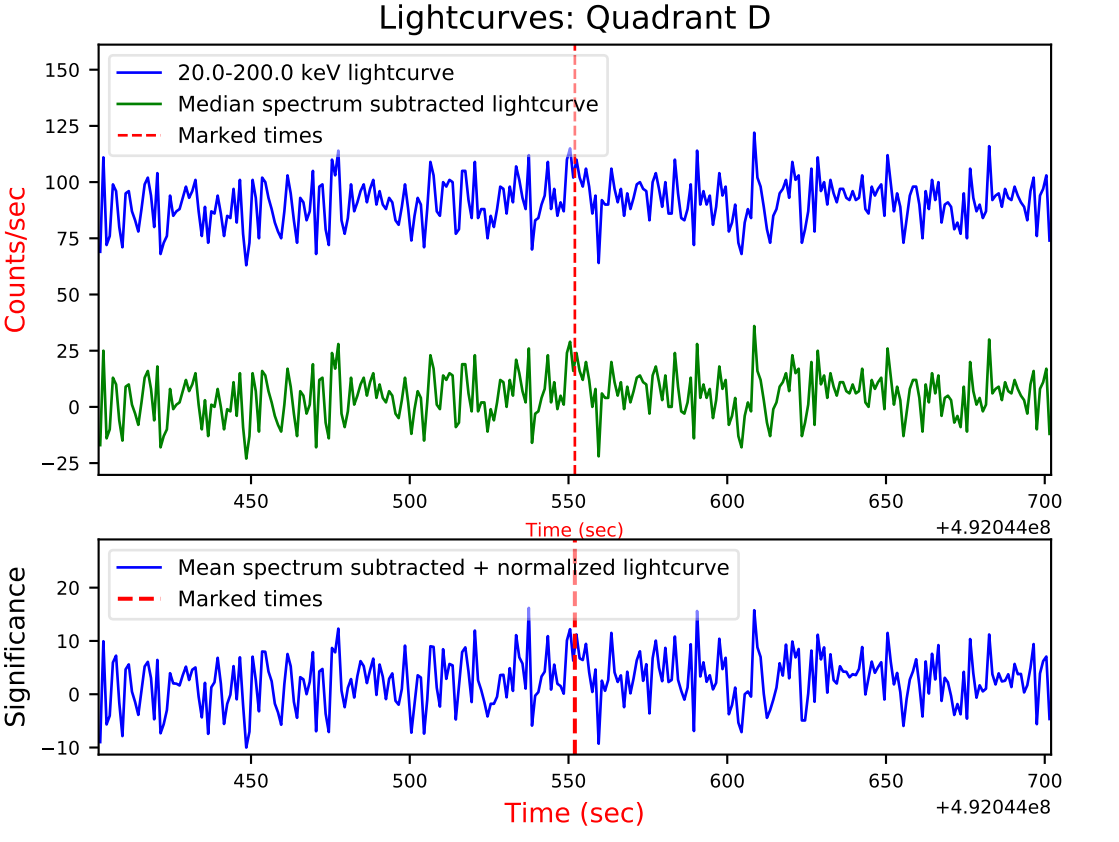

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
10
Strength/keV
Strength/sec
Marked times
20
0
−20
−40
Time (sec)
+4.92044e8
bins
50


Lightcurves: Quadrant C
Counts/sec
150
100
50
0
−50
−100
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
450
500
550
600
650
700
Time (sec)
+4.92044e8
Significance
40
20
0
−20
−40
Mean spectrum subtracted + normalized lightcurve
Marked times
450
500
550
600
650
700
Time (sec)
+4.92044e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.92044e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
40
0
−20
60
25
50
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
450
500
550
600
650
700
+4.92044e8
0
10
Strength/keV
Strength/sec
Marked times
−10
0
25
50
bins


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
450
500
550
600
650
700
Time (sec)
+4.92044e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
10
0
−10
450
500
550
600
650
700
Time (sec)
+4.92044e8