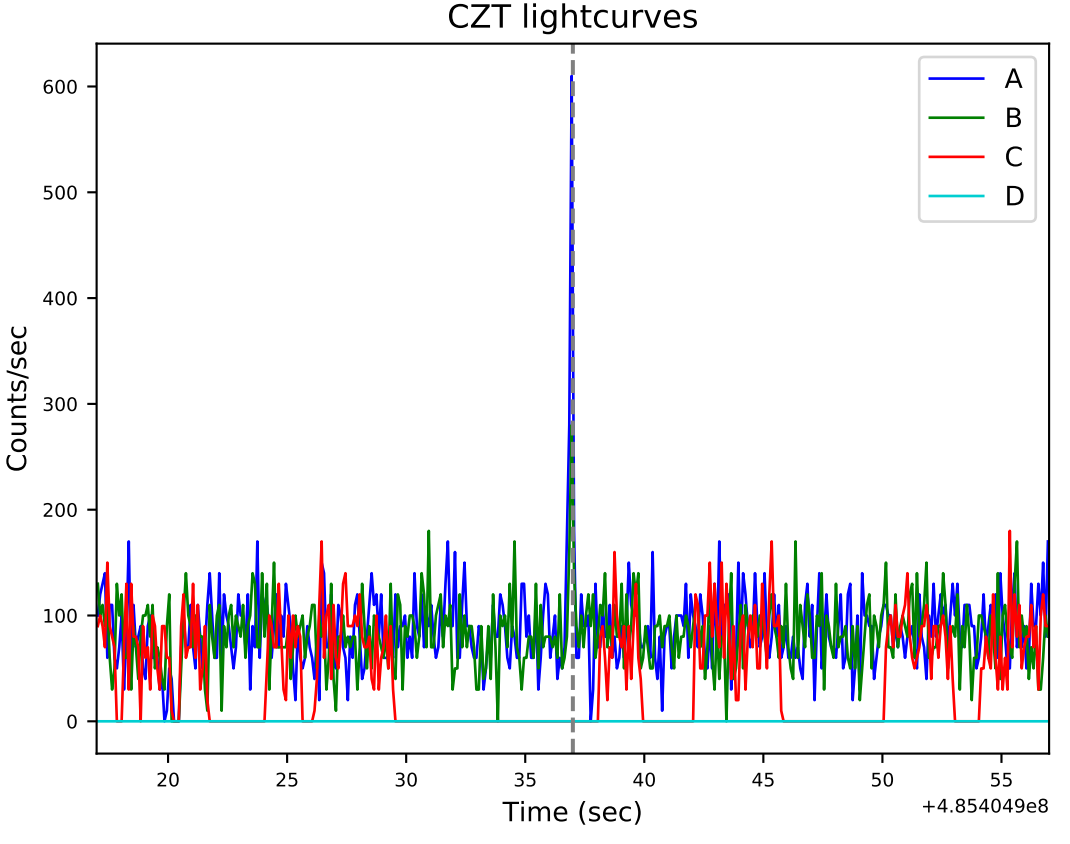
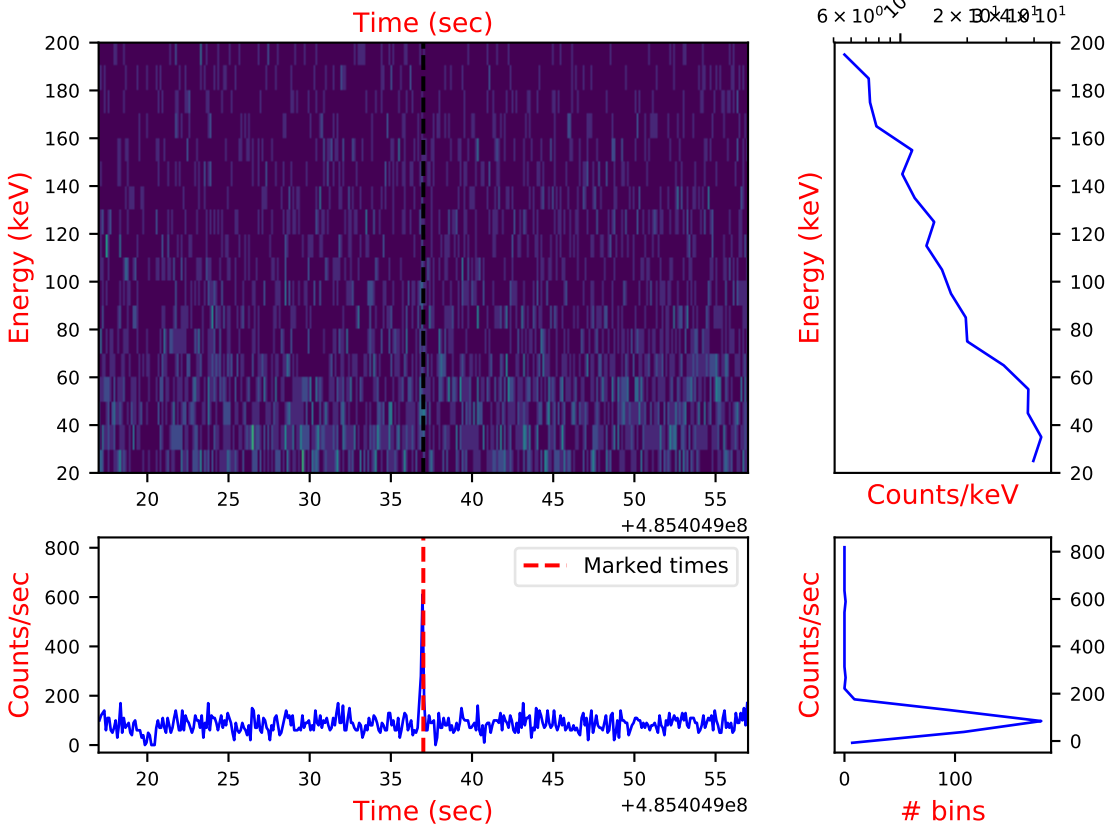
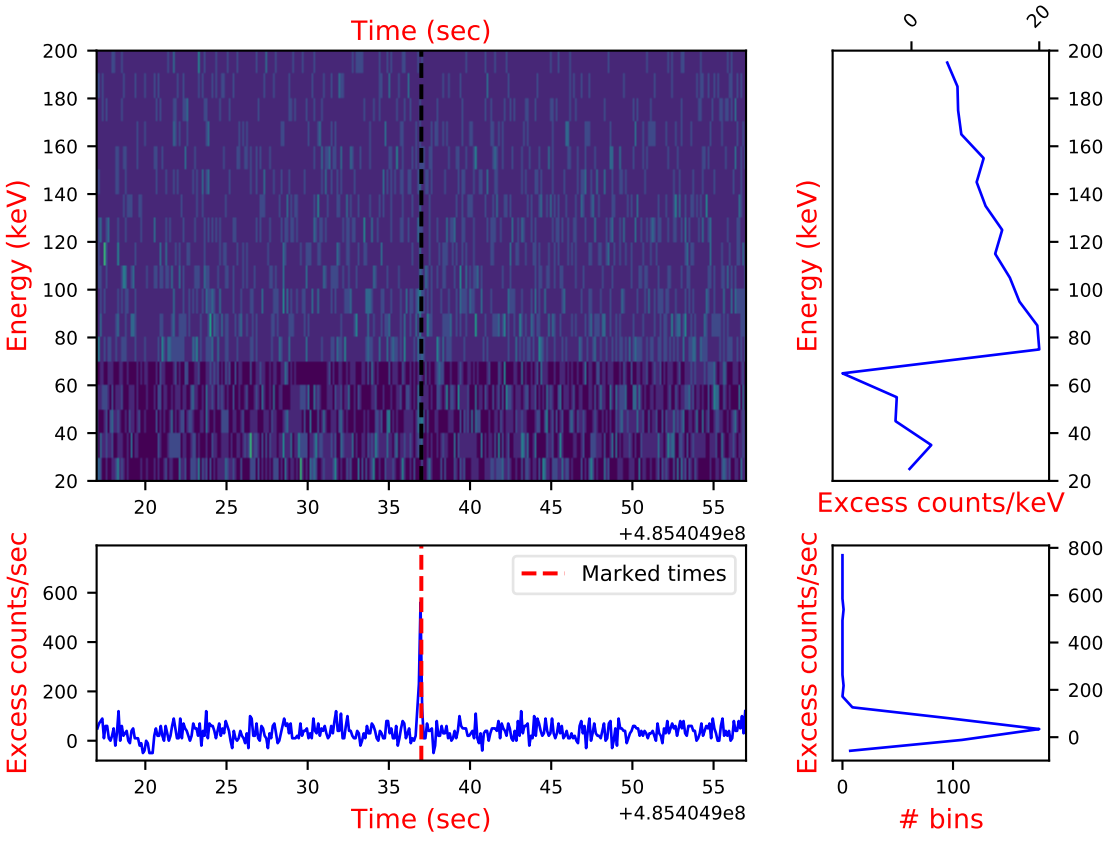
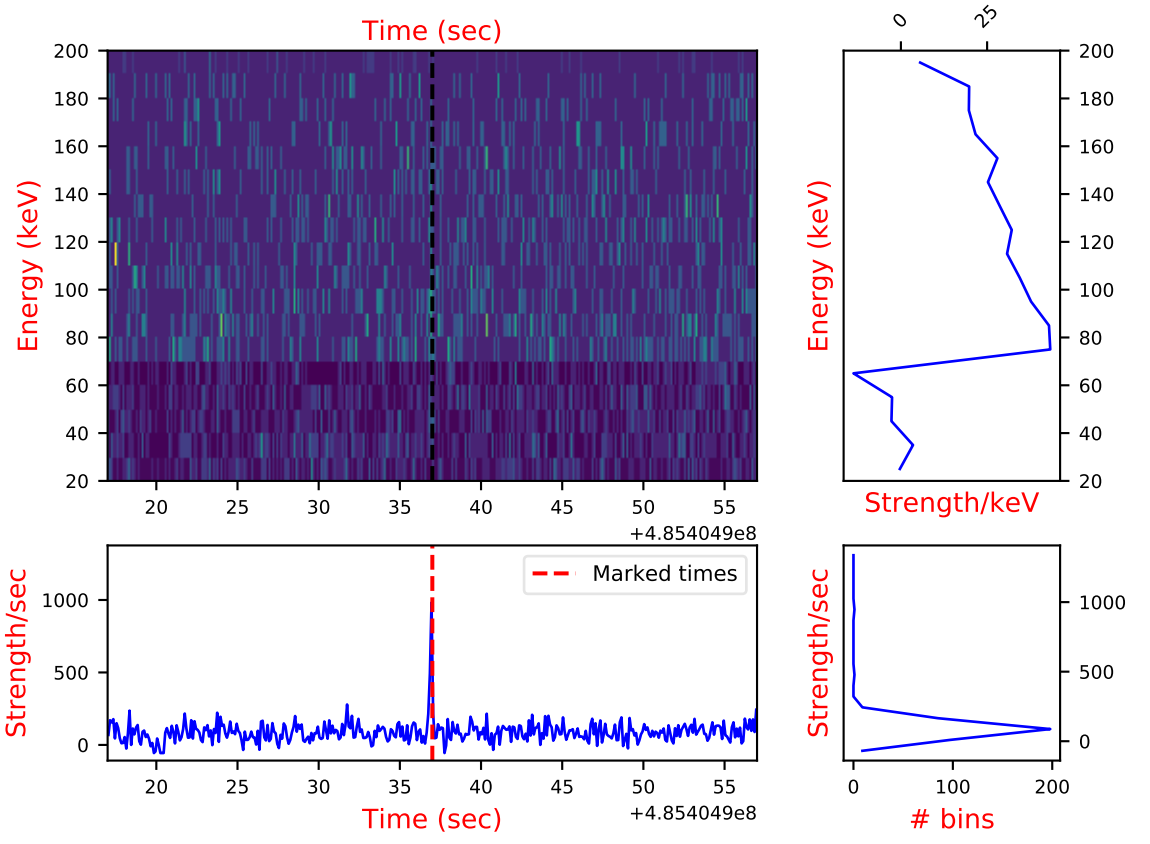
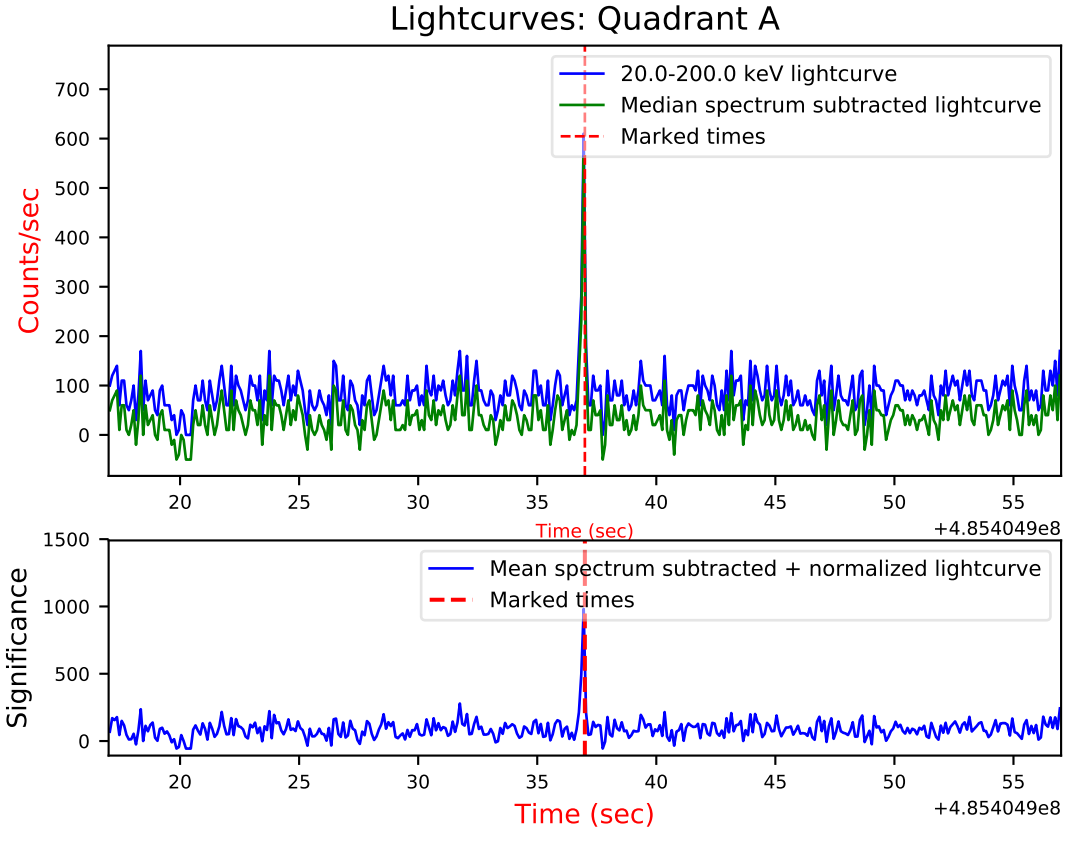
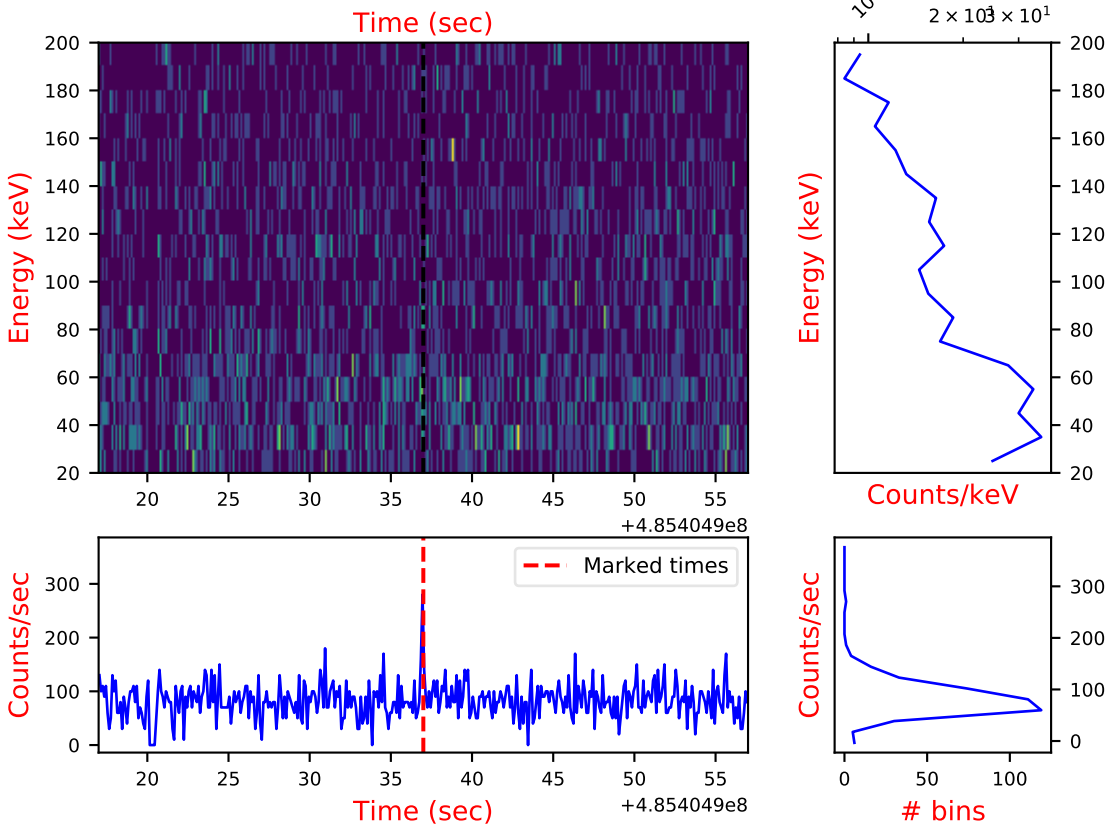

CZT lightcurves
A
B
C
D
Counts/sec
0
100
200
300
400
500
600
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8

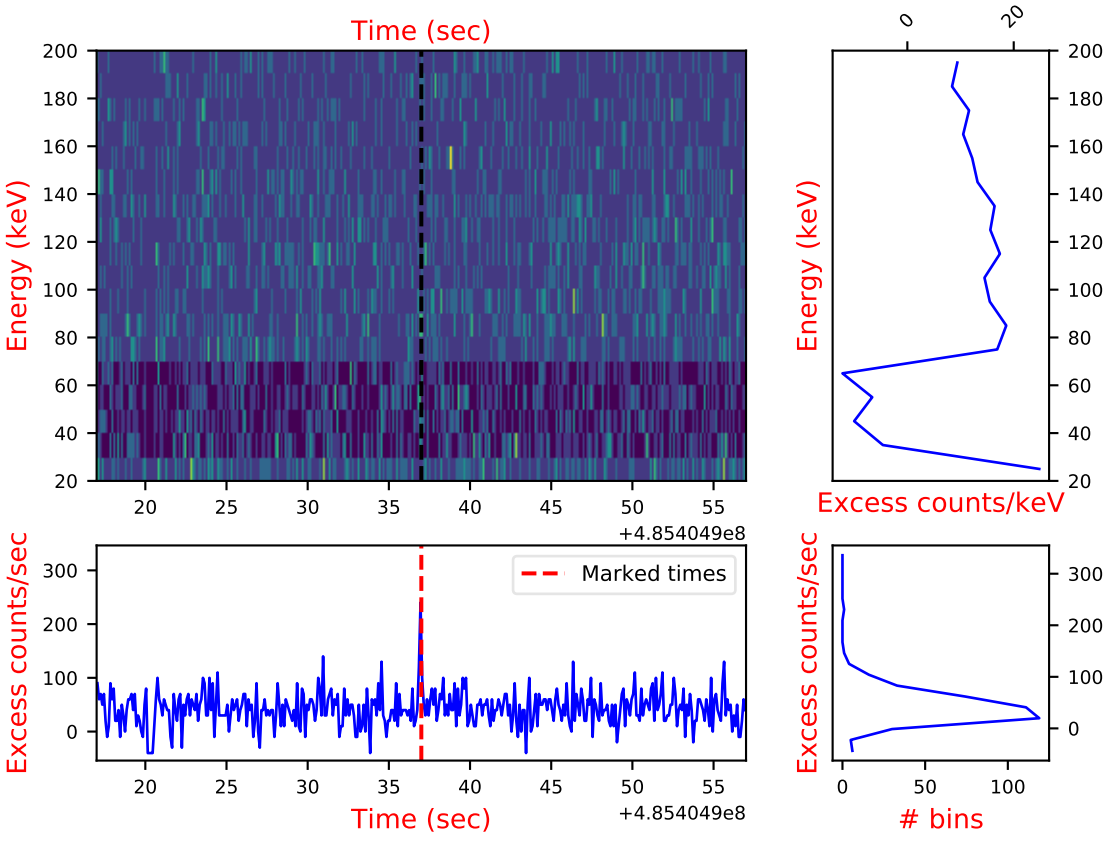

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.854049e8
bins

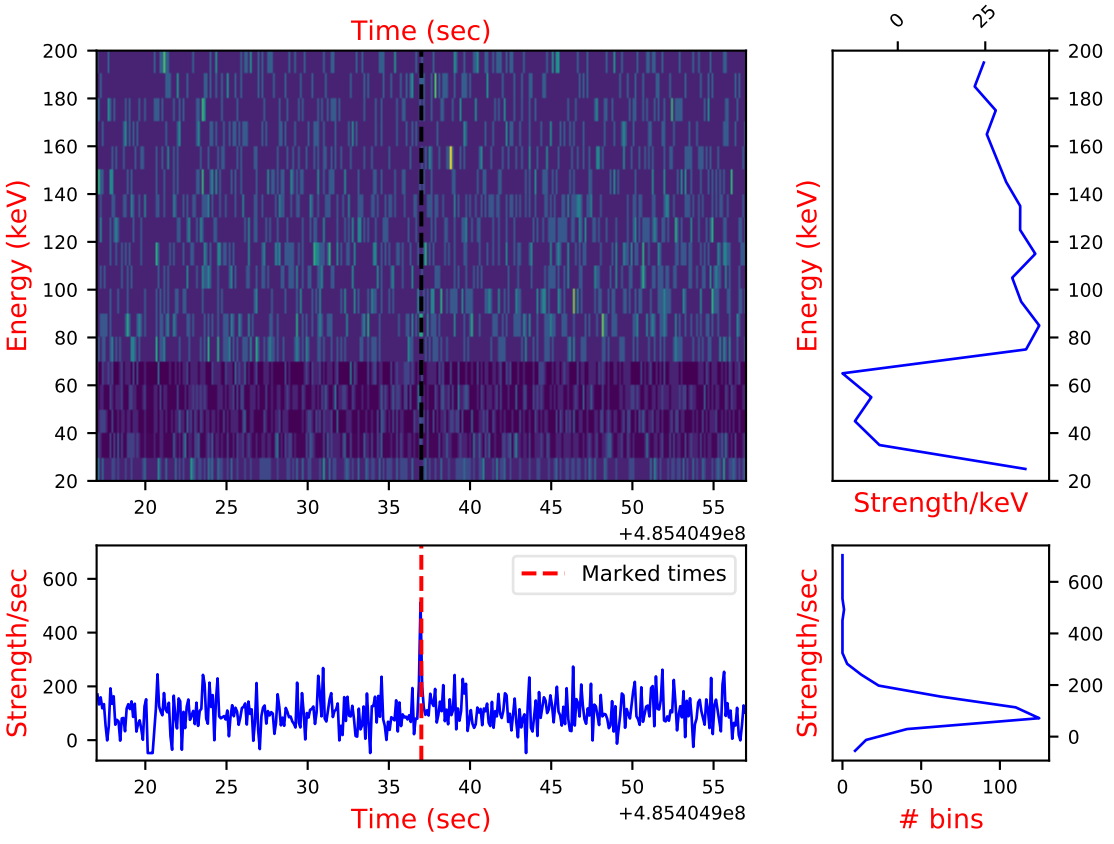

CZT Quadrant A
Time (sec)
Energy (keV)
+4.854049e8
Excess counts/keV
Marked times
Excess counts/sec
Time (sec)
bins

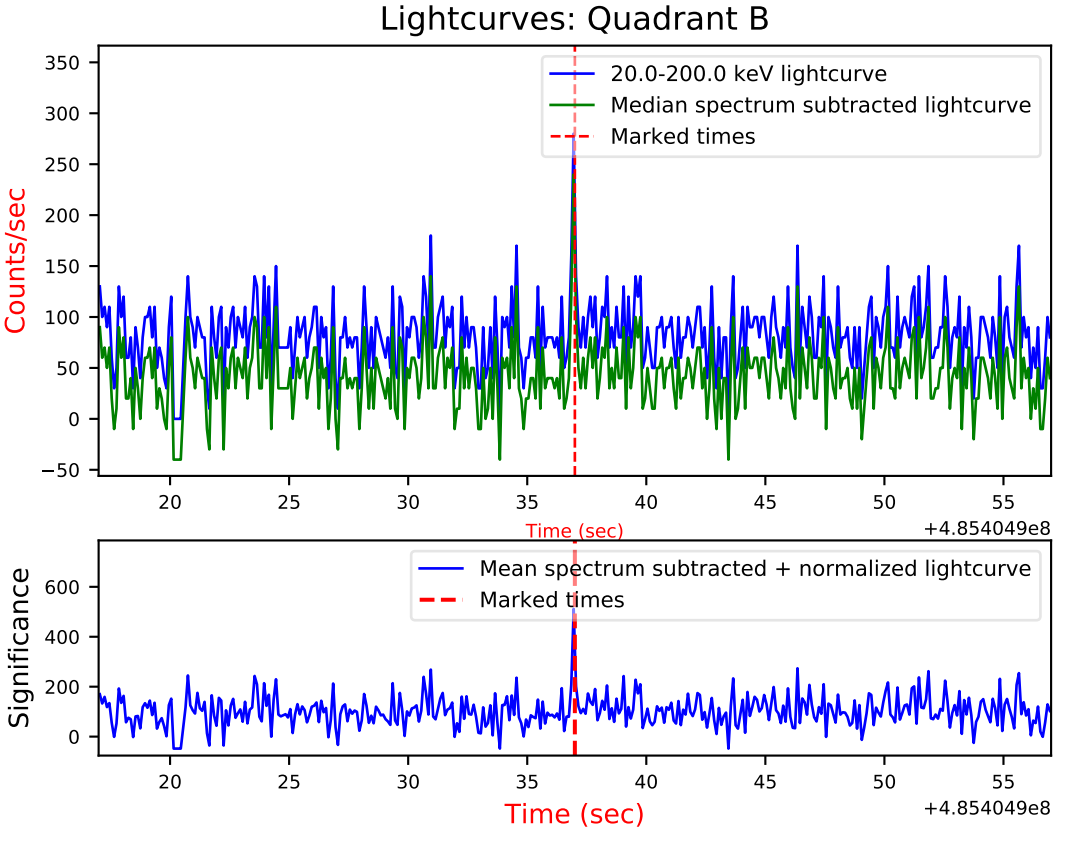

CZT Quadrant A
Time (sec)
Energy (keV)
+4.854049e8
Strength/keV
Marked times
Strength/sec
Time (sec)
bins

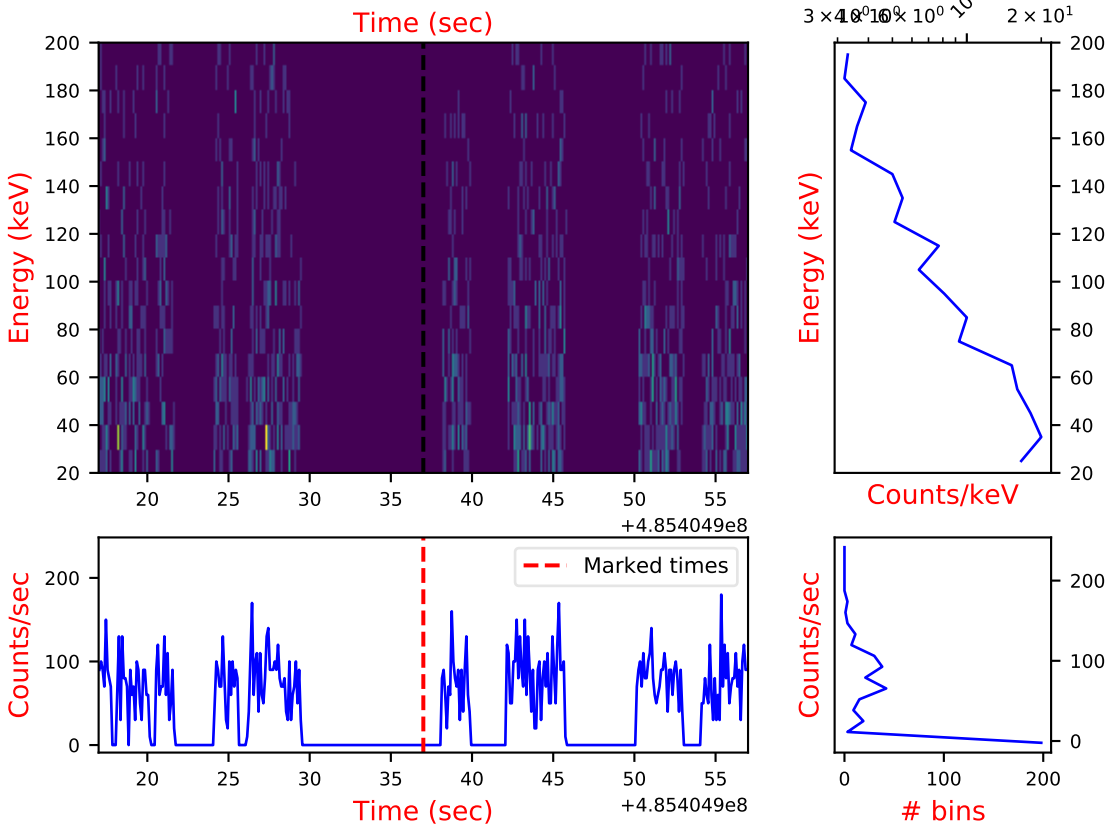

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
700
600
500
400
300
200
100
0
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
1500
1000
500
0
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8

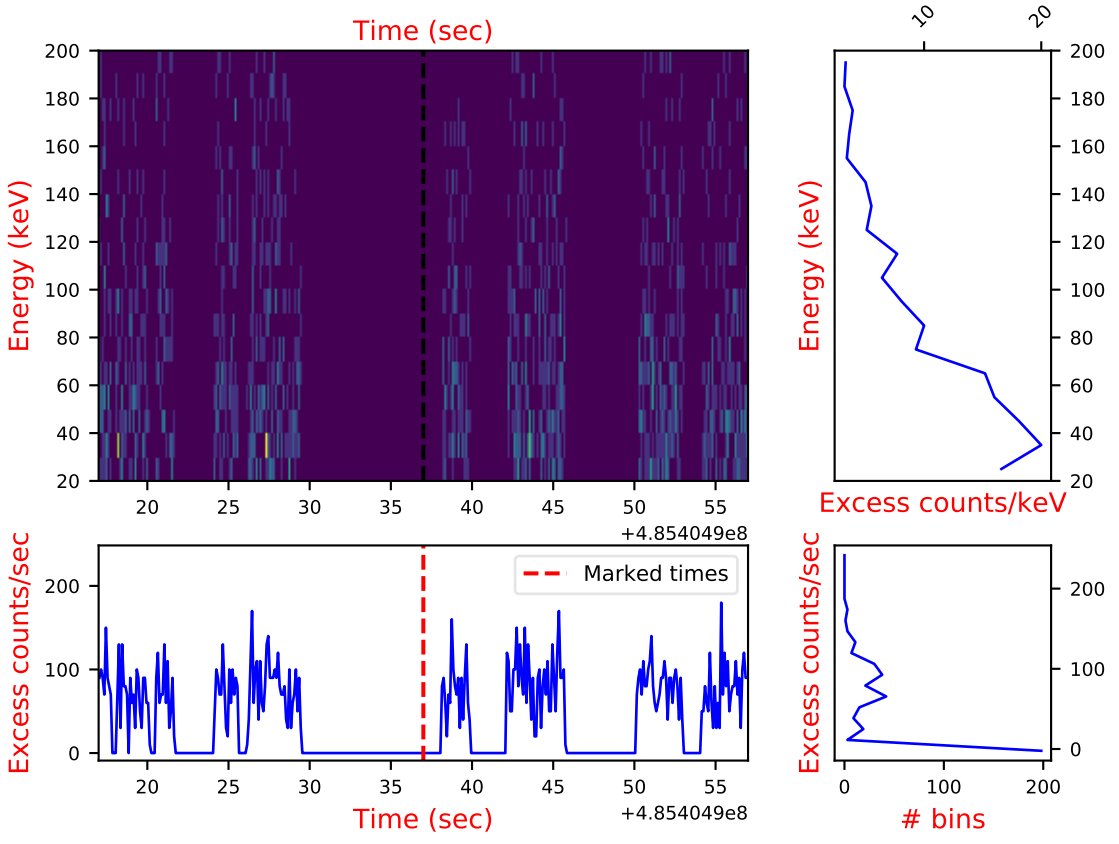

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
+4.854049e8

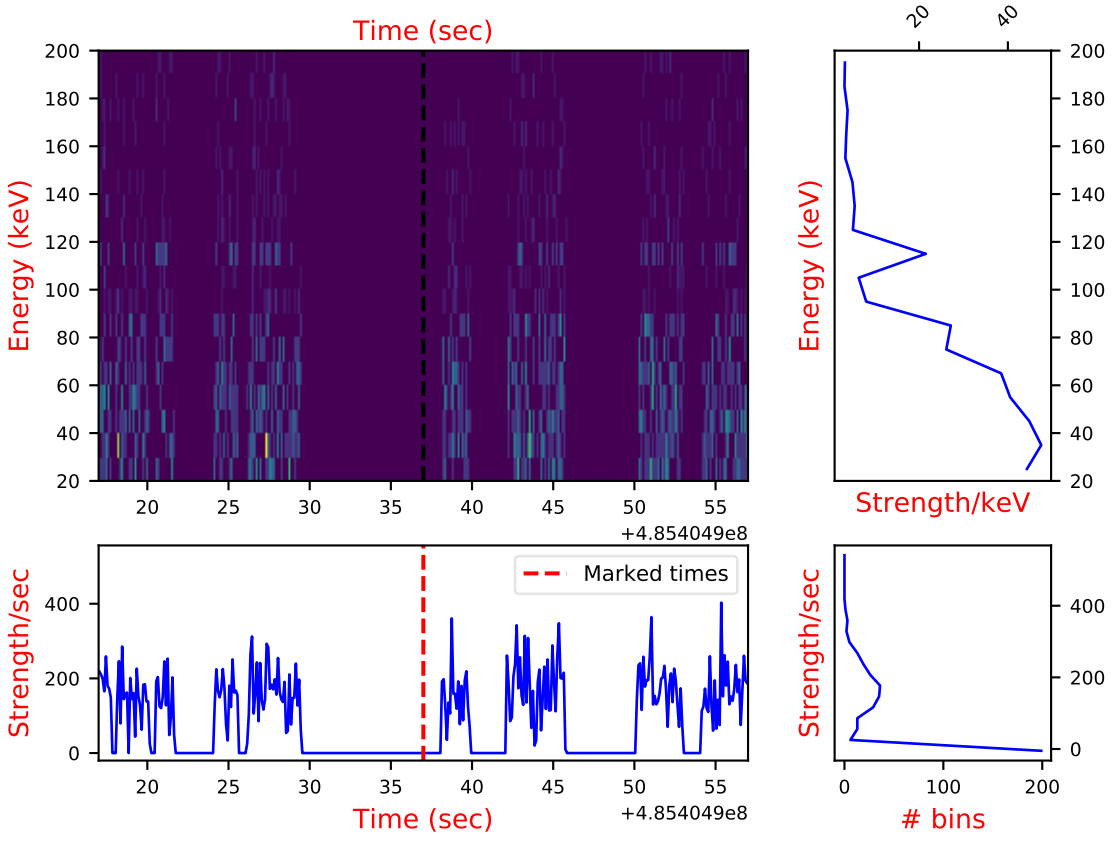

CZT Quadrant B
Time (sec)
Energy (keV)
+4.854049e8
Excess counts/keV
Marked times
Excess counts/sec
Time (sec)
+4.854049e8
Excess counts/sec
bins

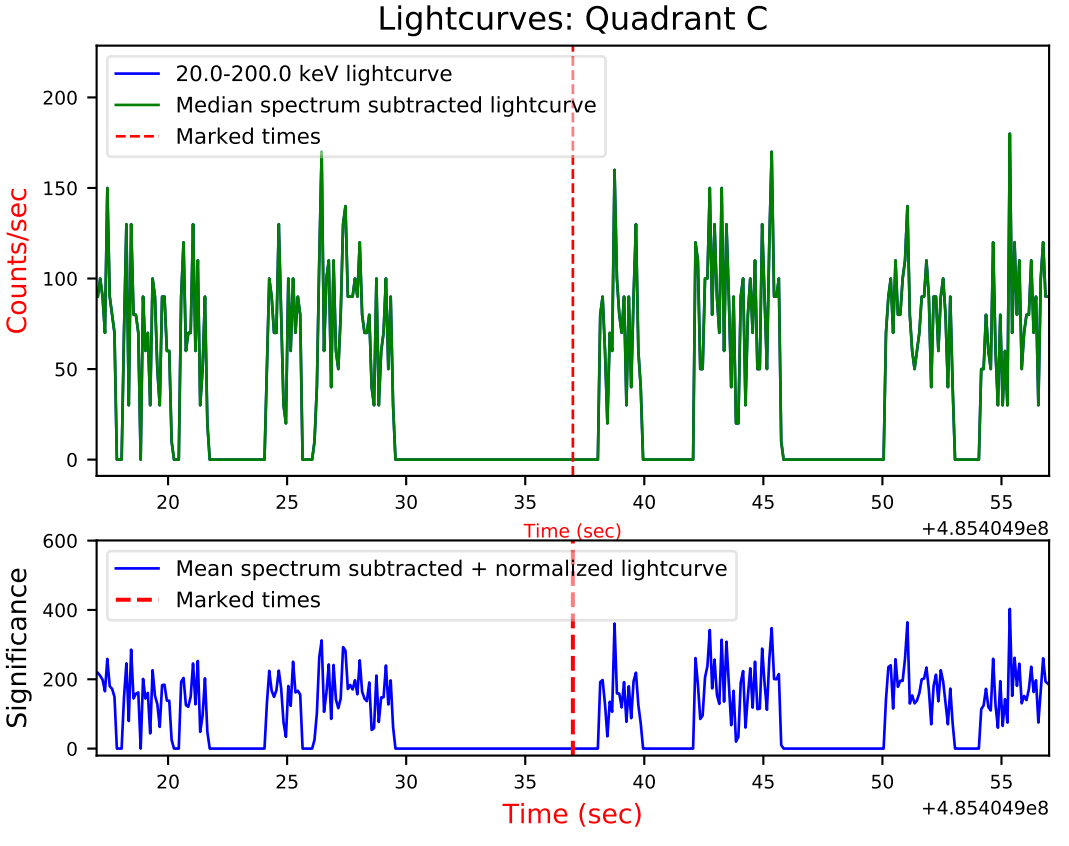

CZT Quadrant B
Time (sec)
Energy (keV)
+4.854049e8
Strength/keV
Marked times
Strength/sec
Time (sec)
+4.854049e8
bins

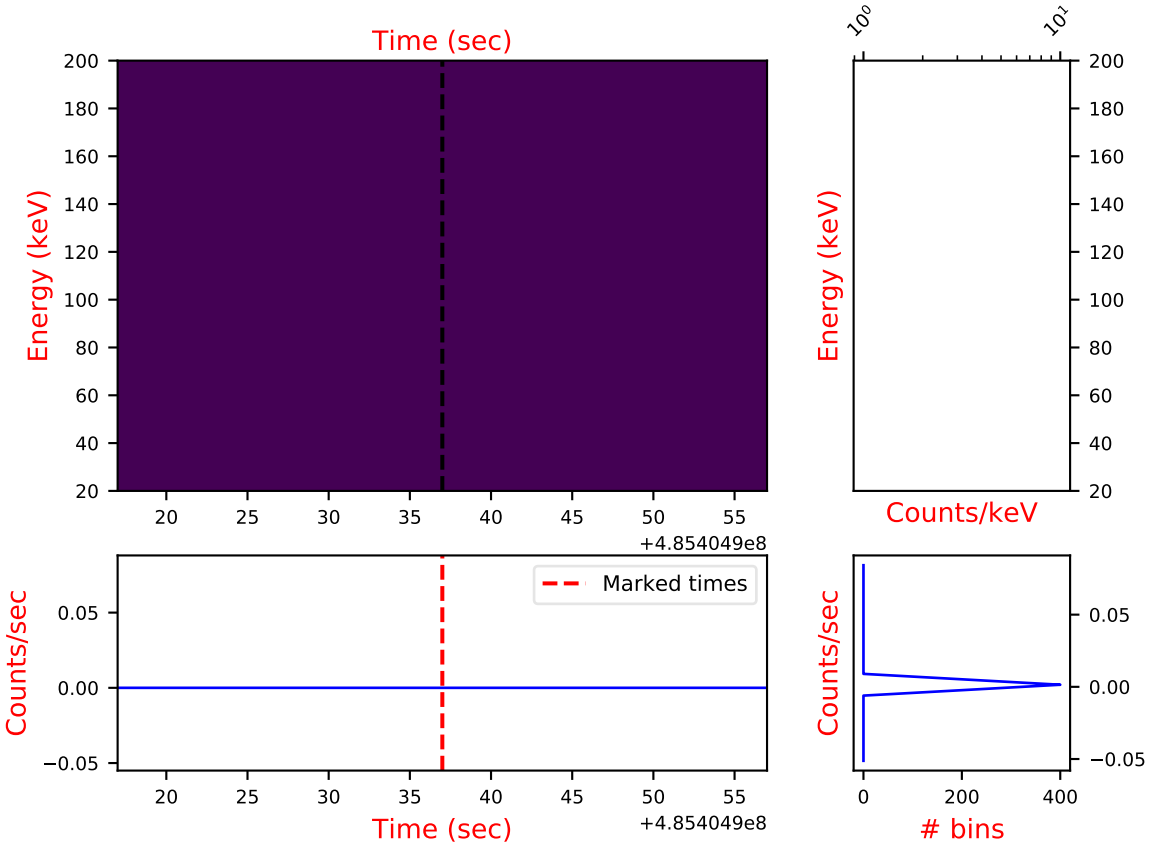

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
350
300
250
200
150
100
50
0
−50
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
600
400
200
0
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8

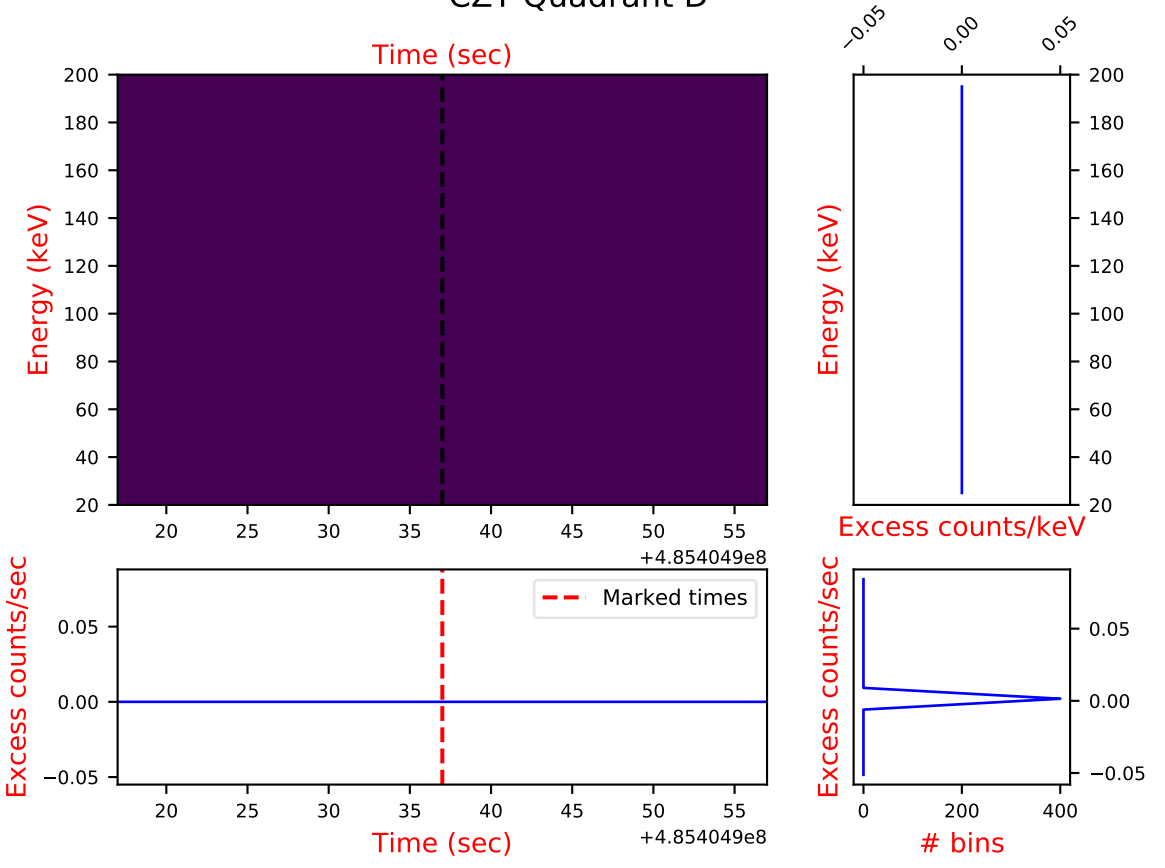

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.854049e8
bins

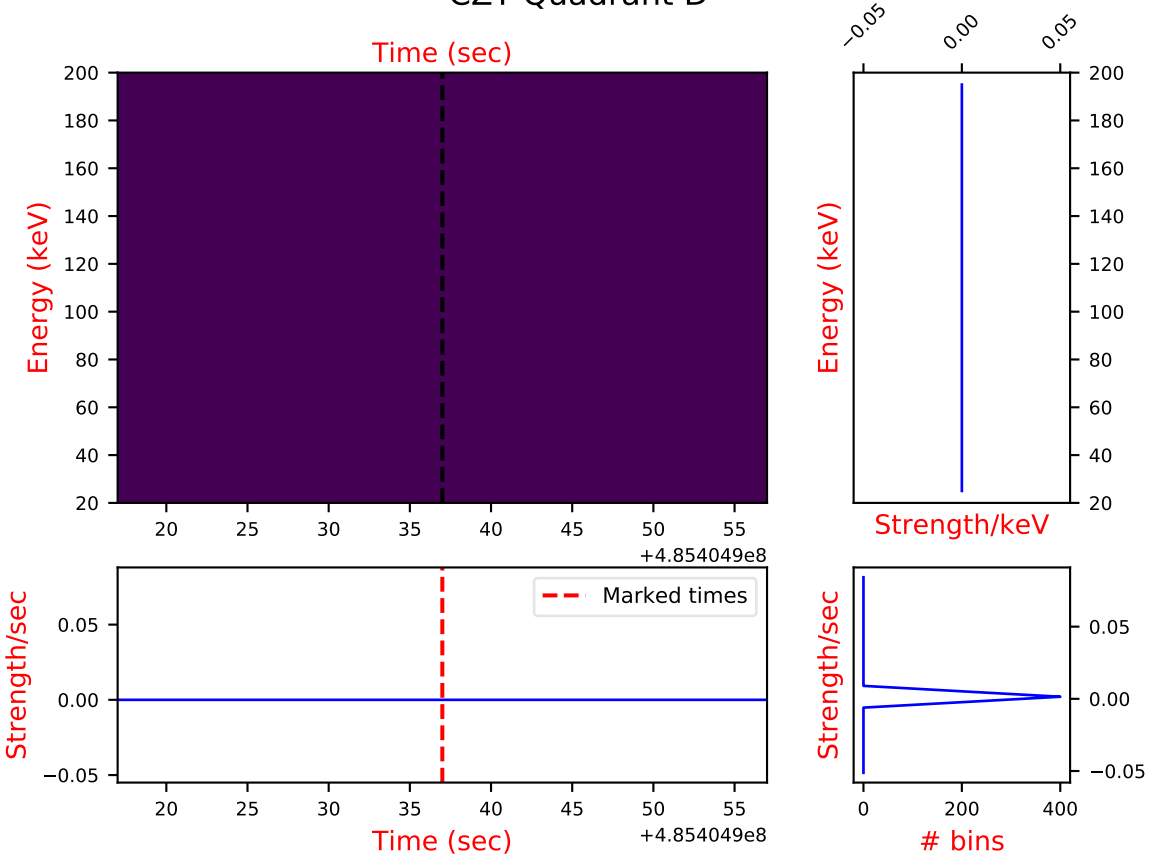

CZT Quadrant C
Time (sec)
Energy (keV)
+4.854049e8
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
+4.854049e8
Excess counts/sec
bins

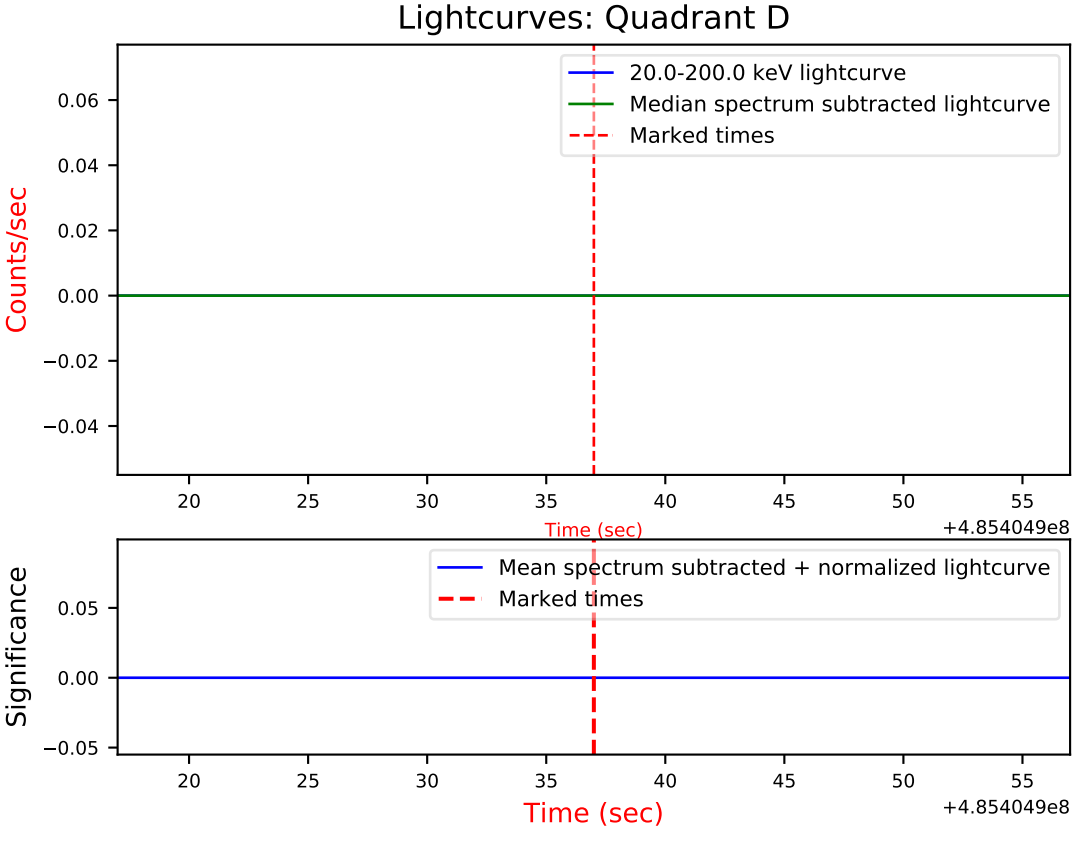

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
20
25
30
35
40
45
50
55
+4.854049e8
Strength/sec
400
200
0
Marked times
Time (sec)
+4.854049e8
20
40
Strength/keV
0
100
200
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
0
50
100
150
200
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
0
200
400
600
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
20
25
30
35
40
45
50
55
+4.854049e8
10^0
10^1
Counts/keV
Marked times
Counts/sec
0.05
0.00
−0.05
Time (sec)
bins
0
200
400


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
20
25
30
35
40
45
50
55
+4.854049e8
−0.05
0.00
0.05
Excess counts/keV
Excess counts/sec
Marked times
0.05
0.00
−0.05
Time (sec)
bins
0
200
400


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
20
25
30
35
40
45
50
55
+4.854049e8
−0.05
0.00
0.05
Strength/keV
Strength/sec
Marked times
0.05
0.00
−0.05
Time (sec)
bins
0
200
400


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
0.06
0.04
0.02
0.00
−0.02
−0.04
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
0.05
0.00
−0.05
20
25
30
35
40
45
50
55
Time (sec)
+4.854049e8