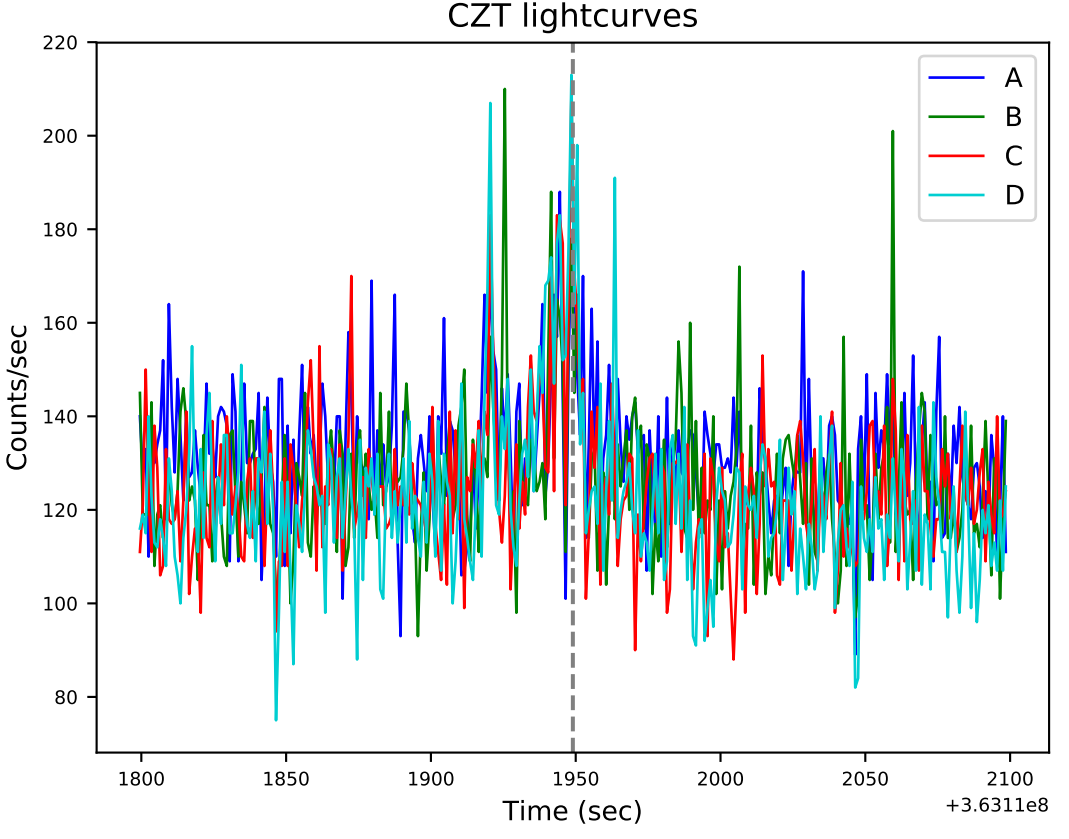
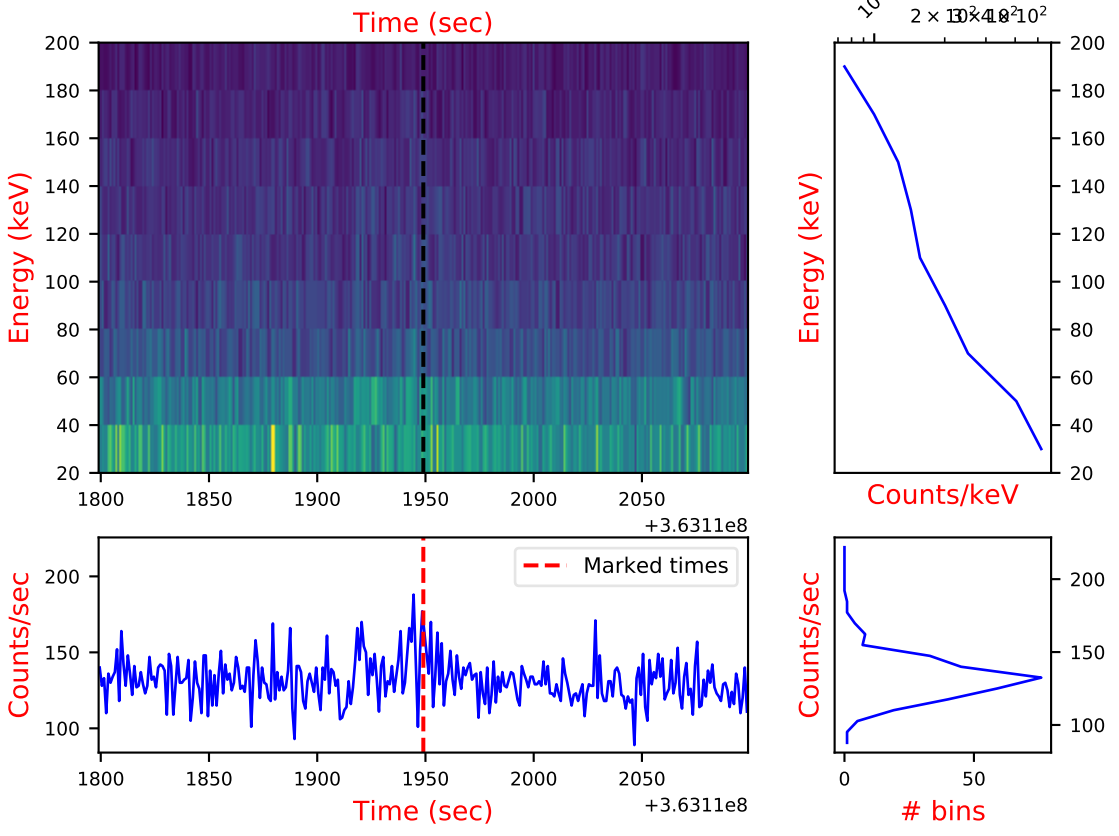
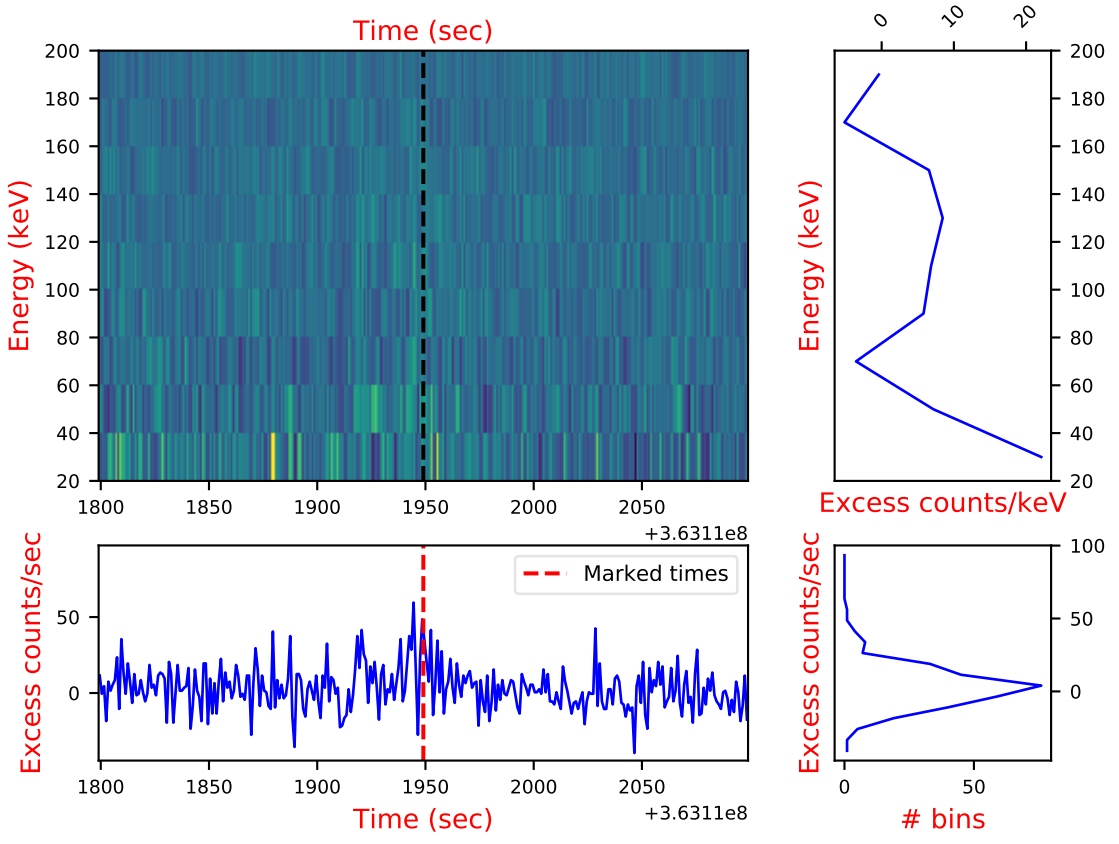
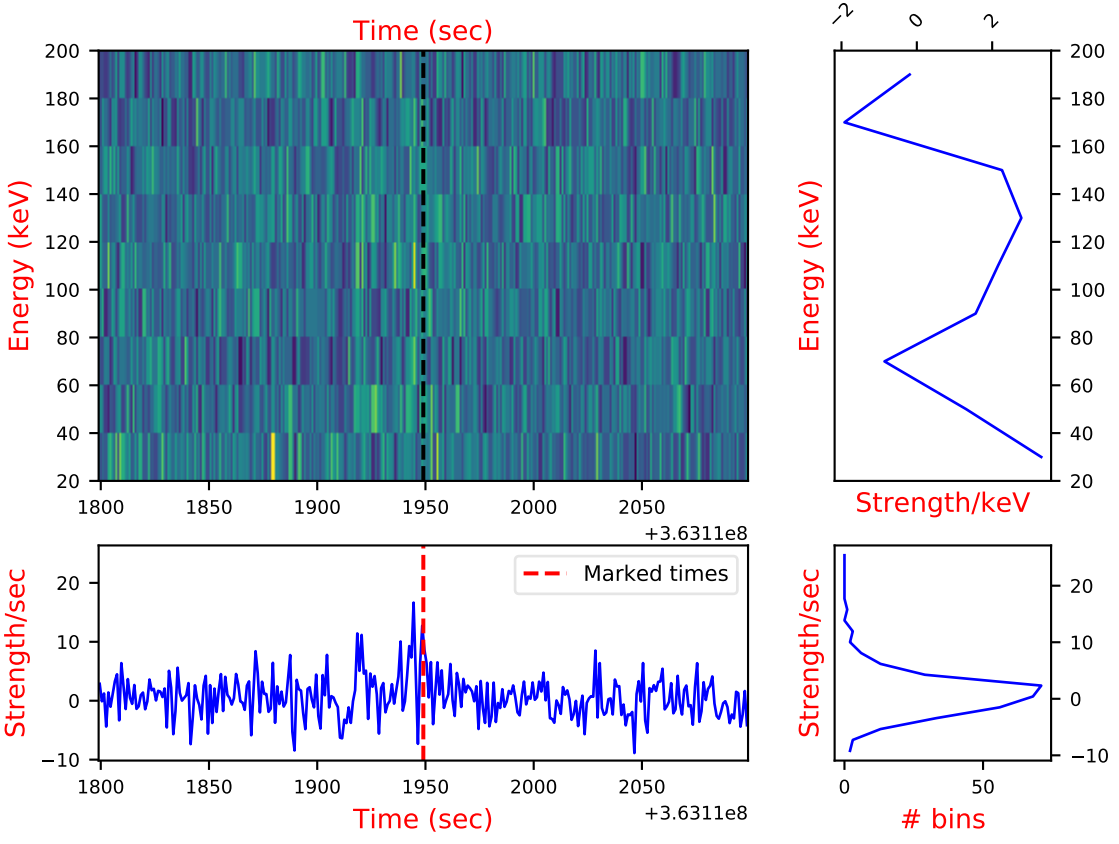
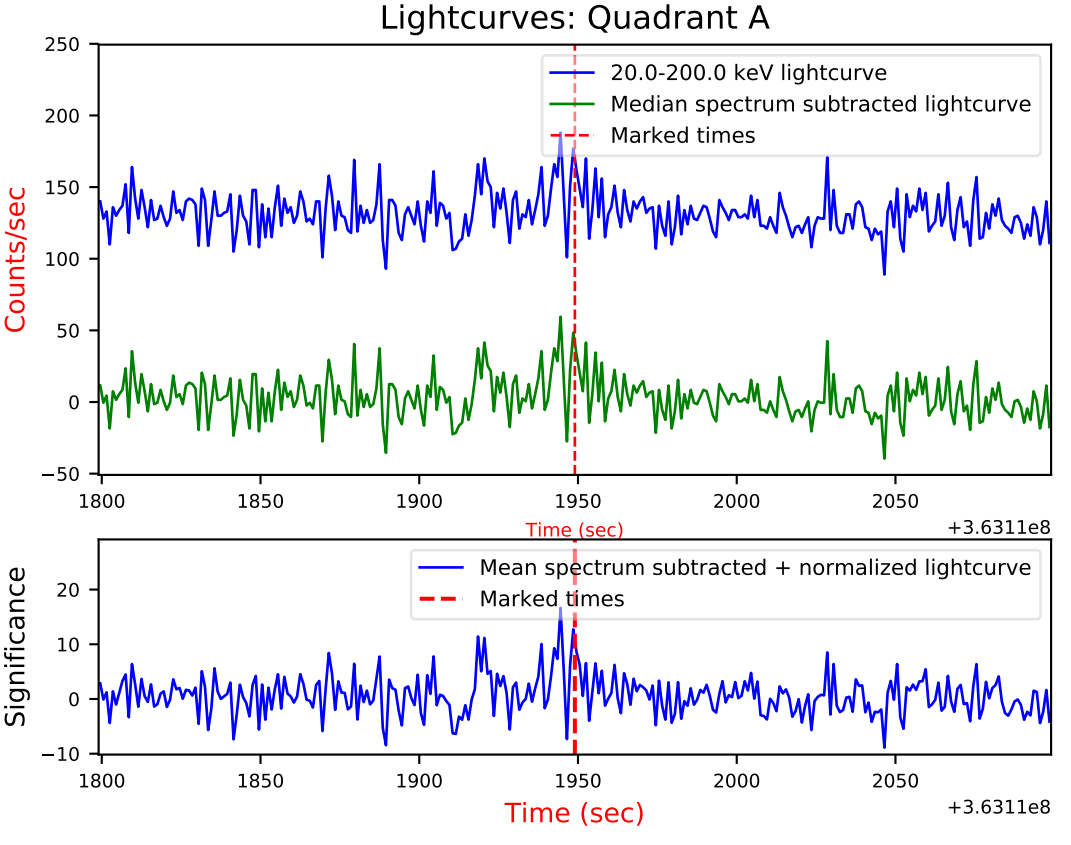
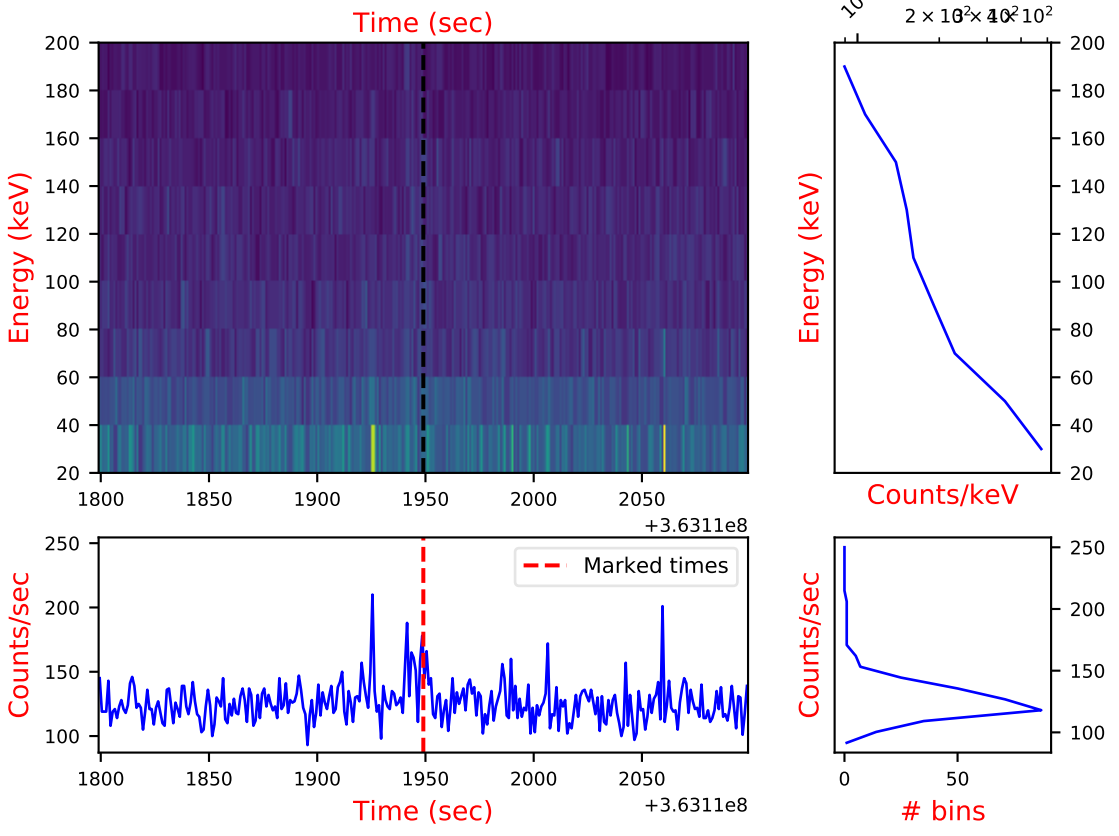

CZT lightcurves
A
B
C
D
Counts/sec
Time (sec)
+3.6311e8
220
200
180
160
140
120
100
80
1800
1850
1900
1950
2000
2050
2100

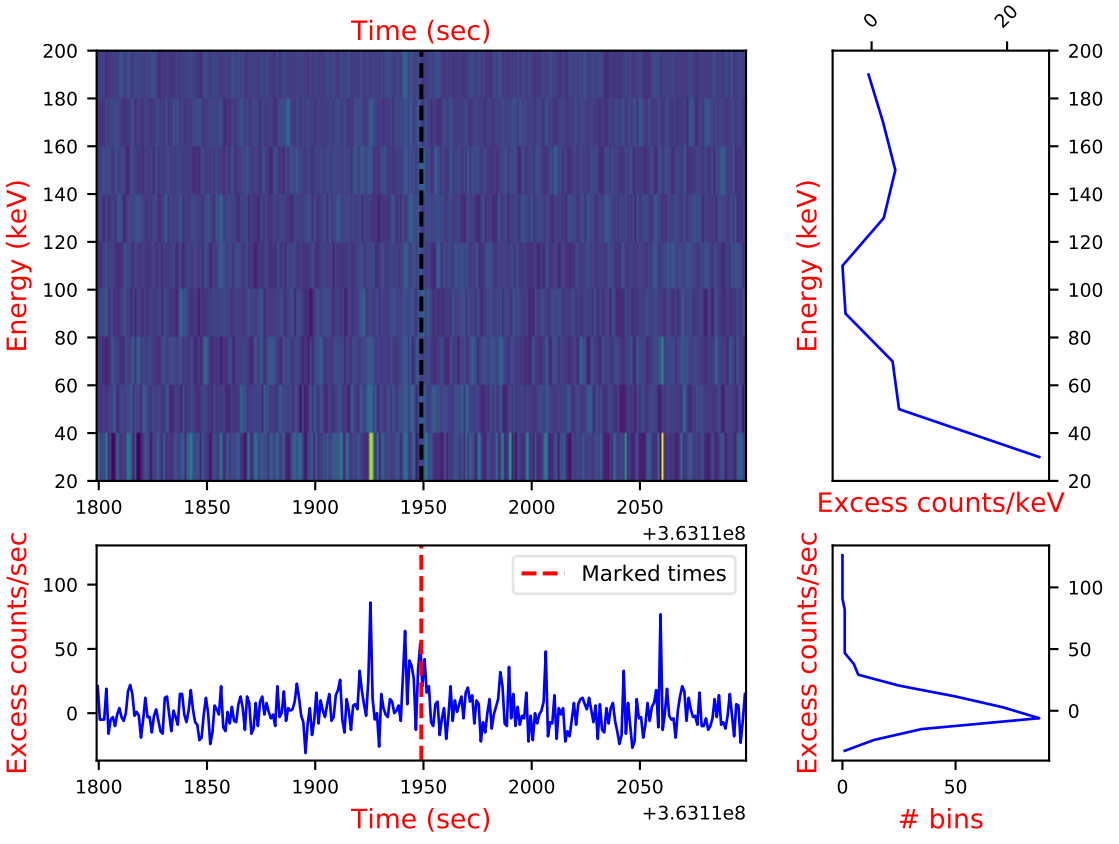

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
+3.6311e8
Counts/sec
Marked times
Time (sec)
+3.6311e8
Energy (keV)
Counts/keV
Counts/sec
0
50
bins

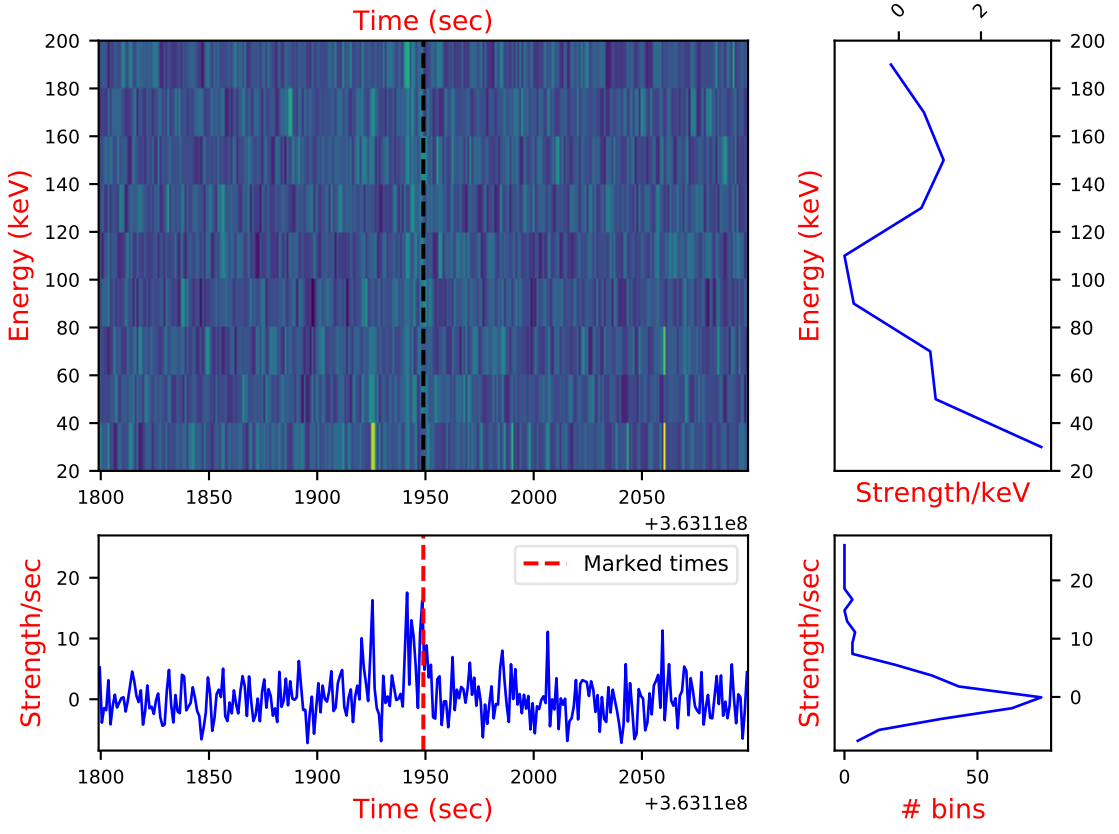

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
0
10
20
Excess counts/keV
+3.6311e8
Excess counts/sec
Marked times
50
0
Time (sec)
bins

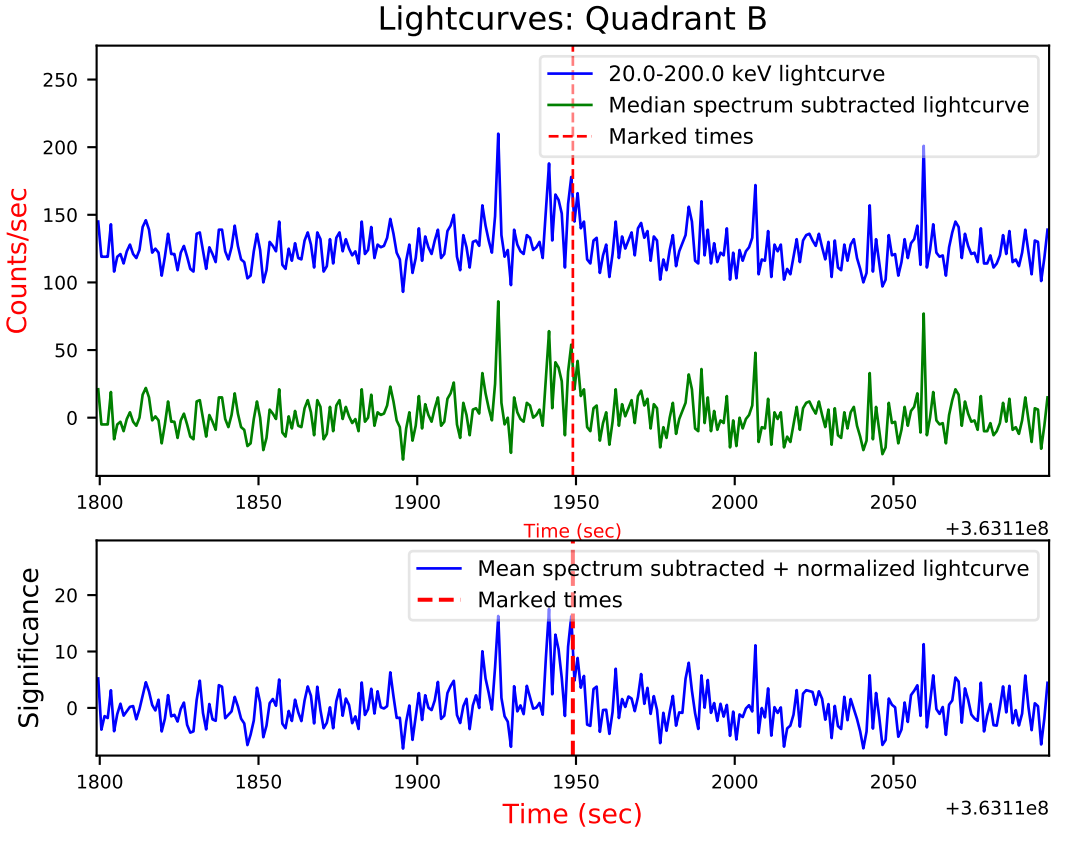

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
+3.6311e8
−2
0
2
Strength/keV
Strength/sec
Marked times
−10
0
10
20
Time (sec)
bins
50

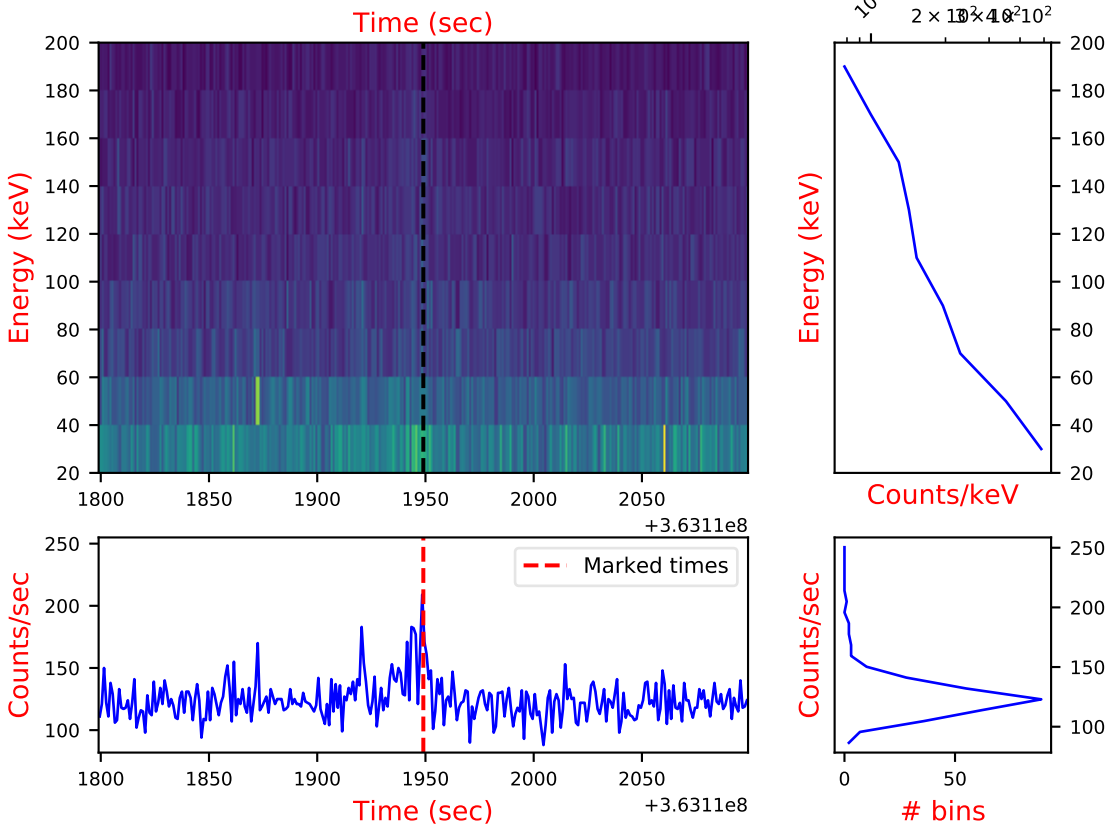

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
10
0
−10
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8

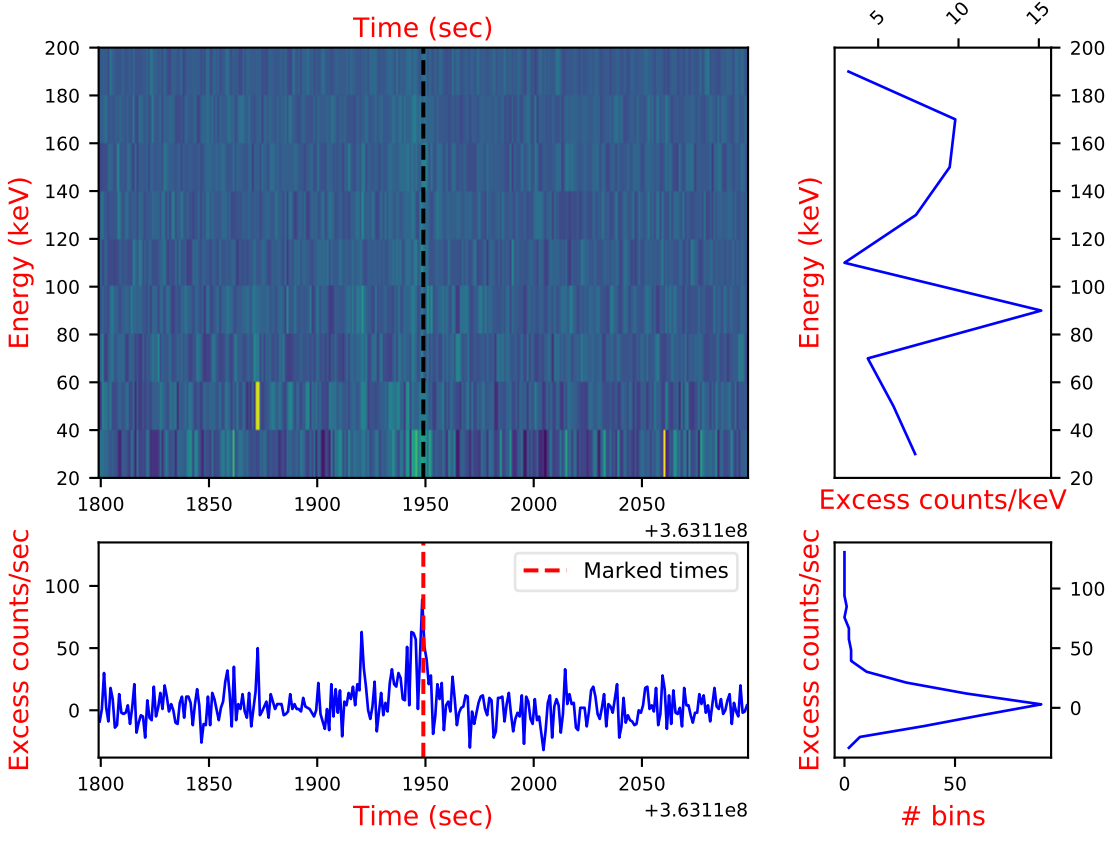

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
+3.6311e8

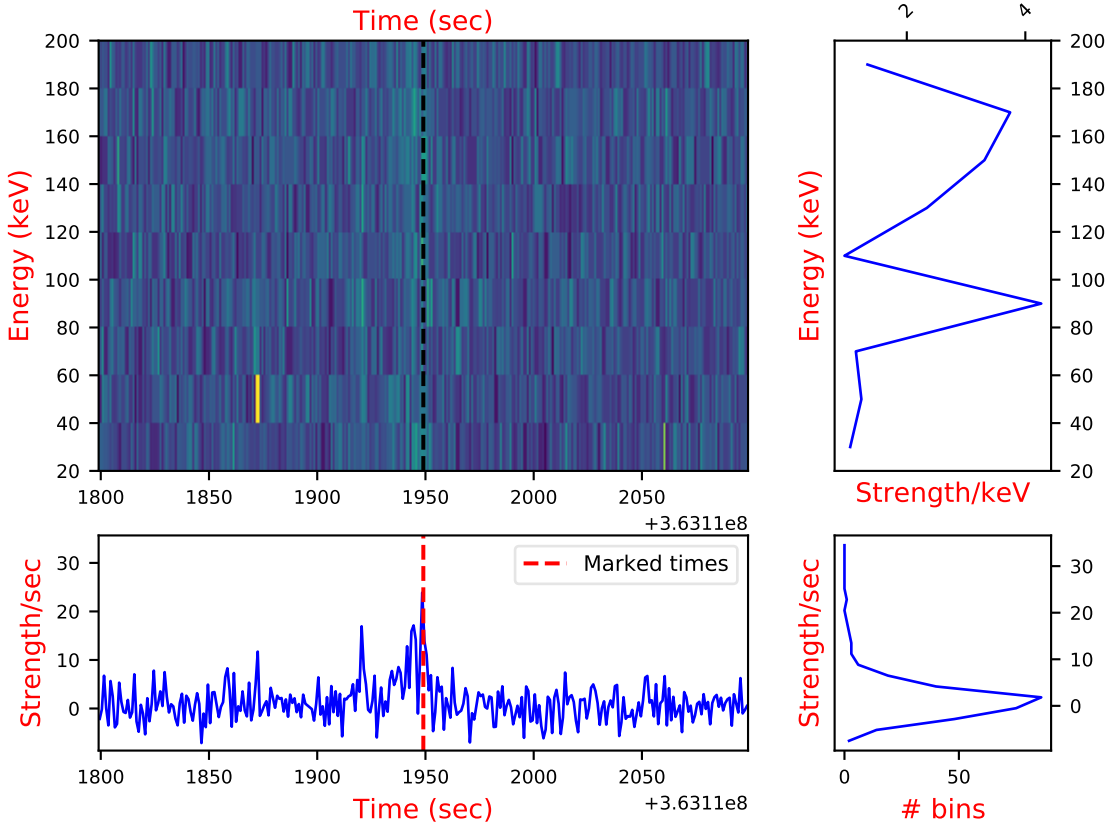

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
0
20
Excess counts/keV
+3.6311e8
Excess counts/sec
Marked times
100
50
0
Time (sec)
bins

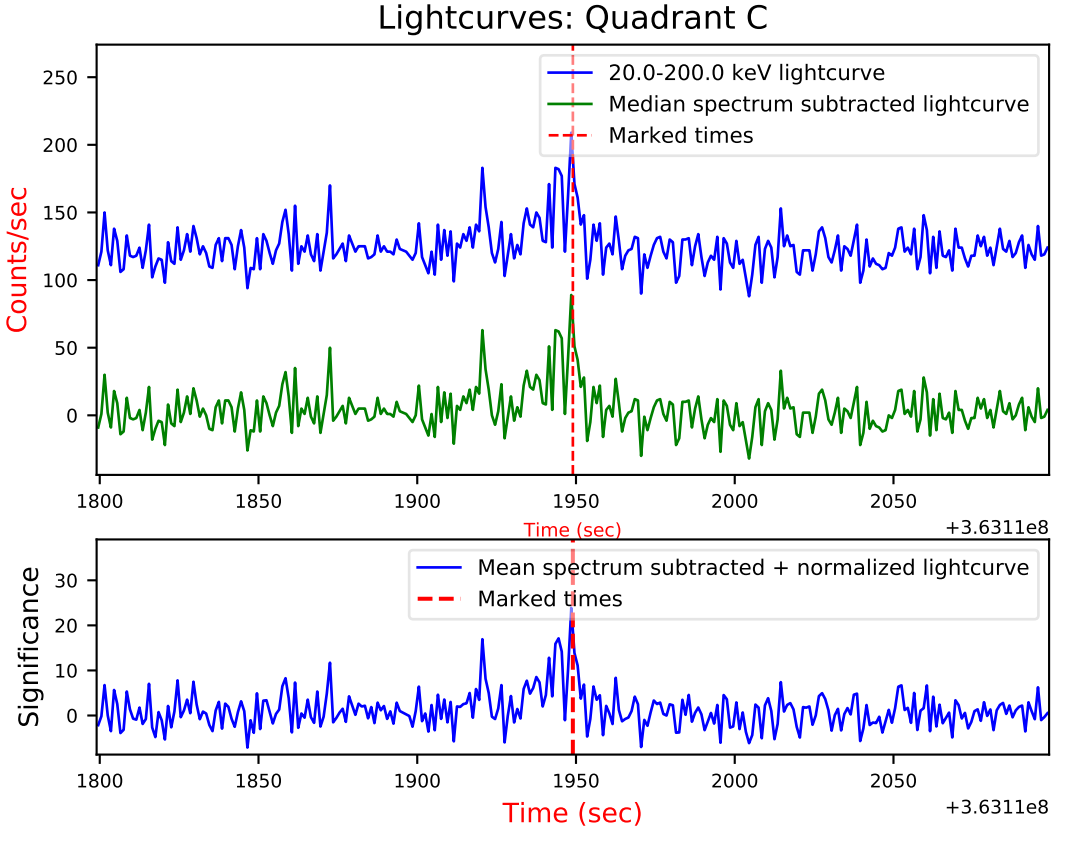

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
+3.6311e8
0
2
Strength/keV
Strength/sec
Marked times
Time (sec)
bins
50

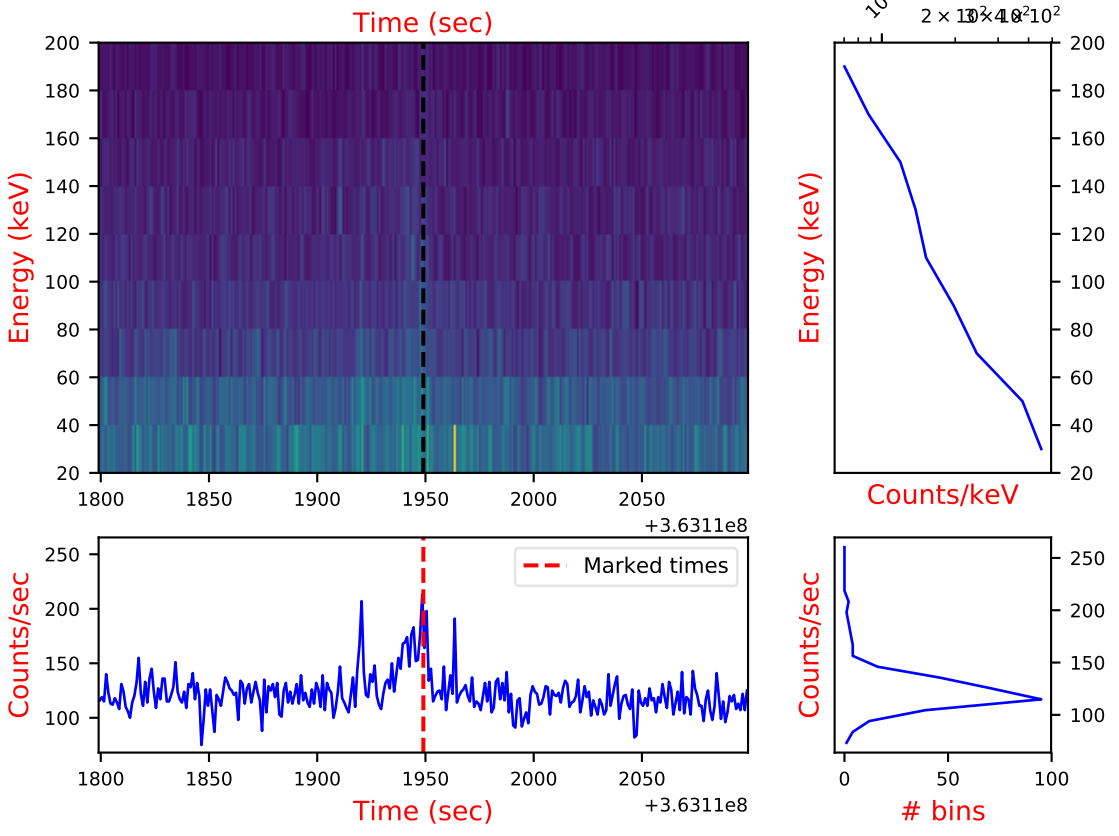

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
10
0
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8

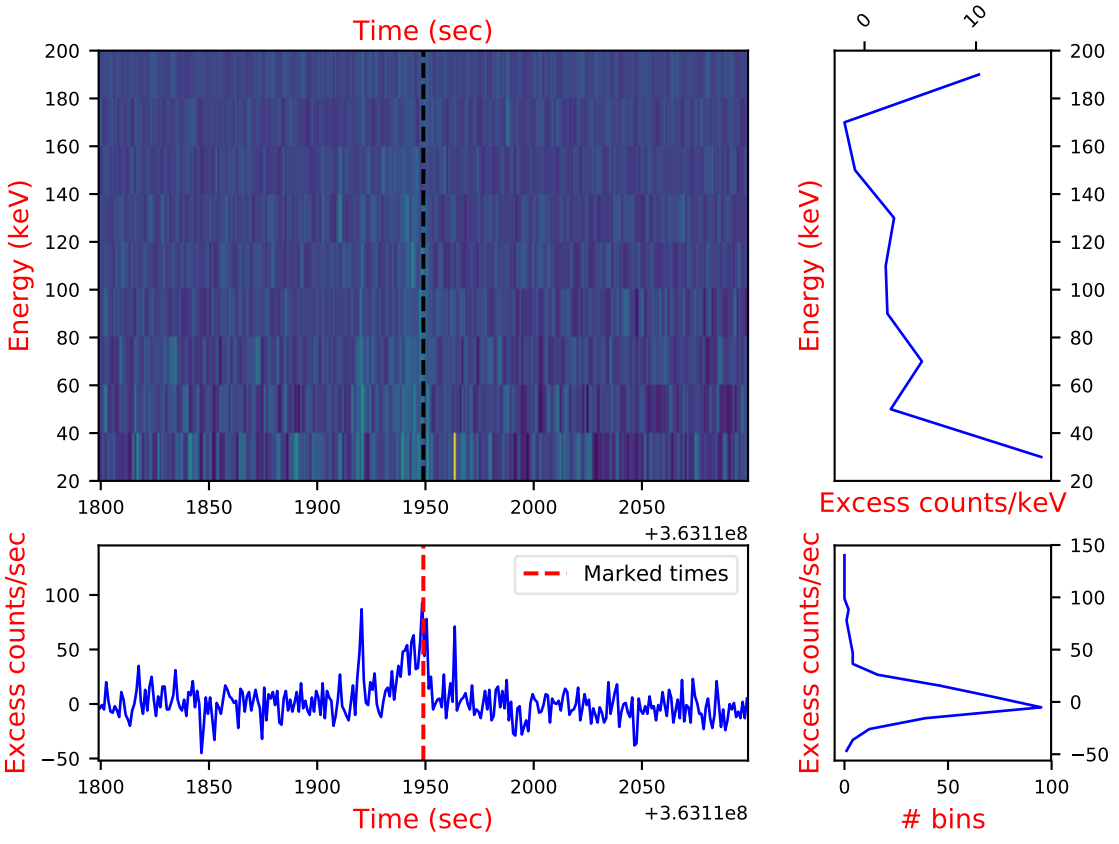

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+3.6311e8

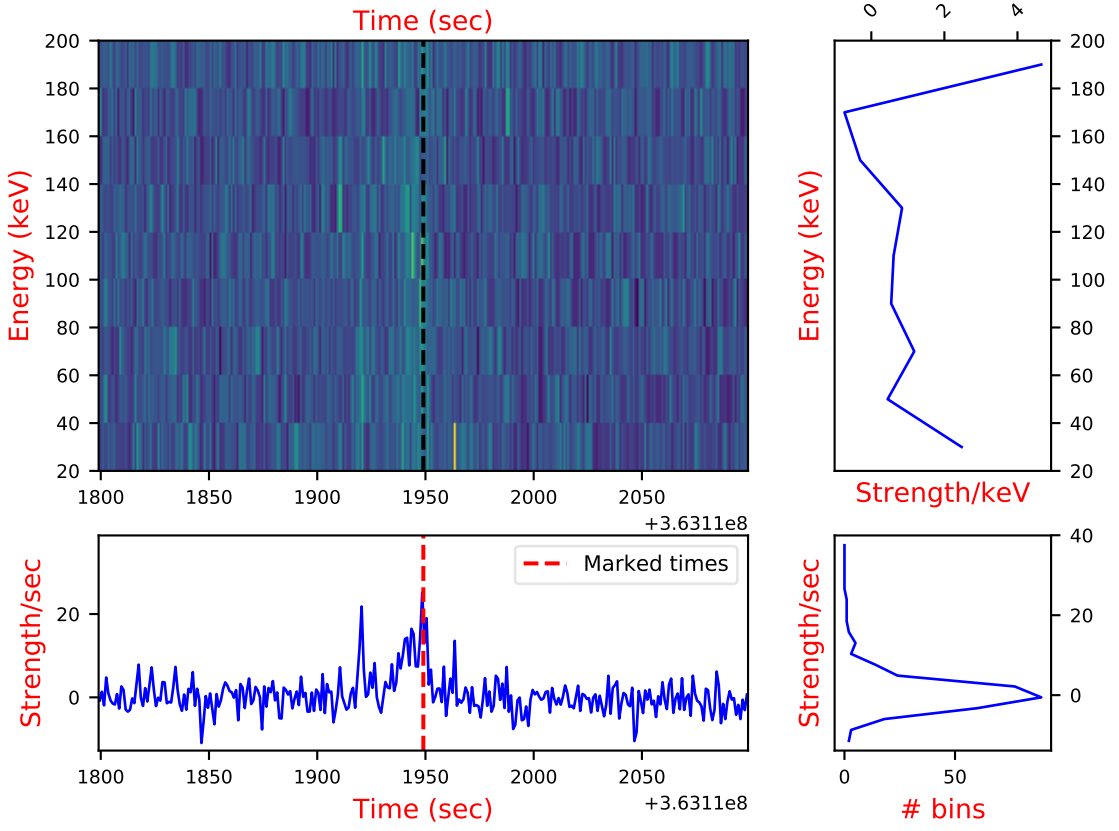

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
5
10
15
Excess counts/keV
+3.6311e8
Excess counts/sec
Marked times
100
50
0
Time (sec)
bins

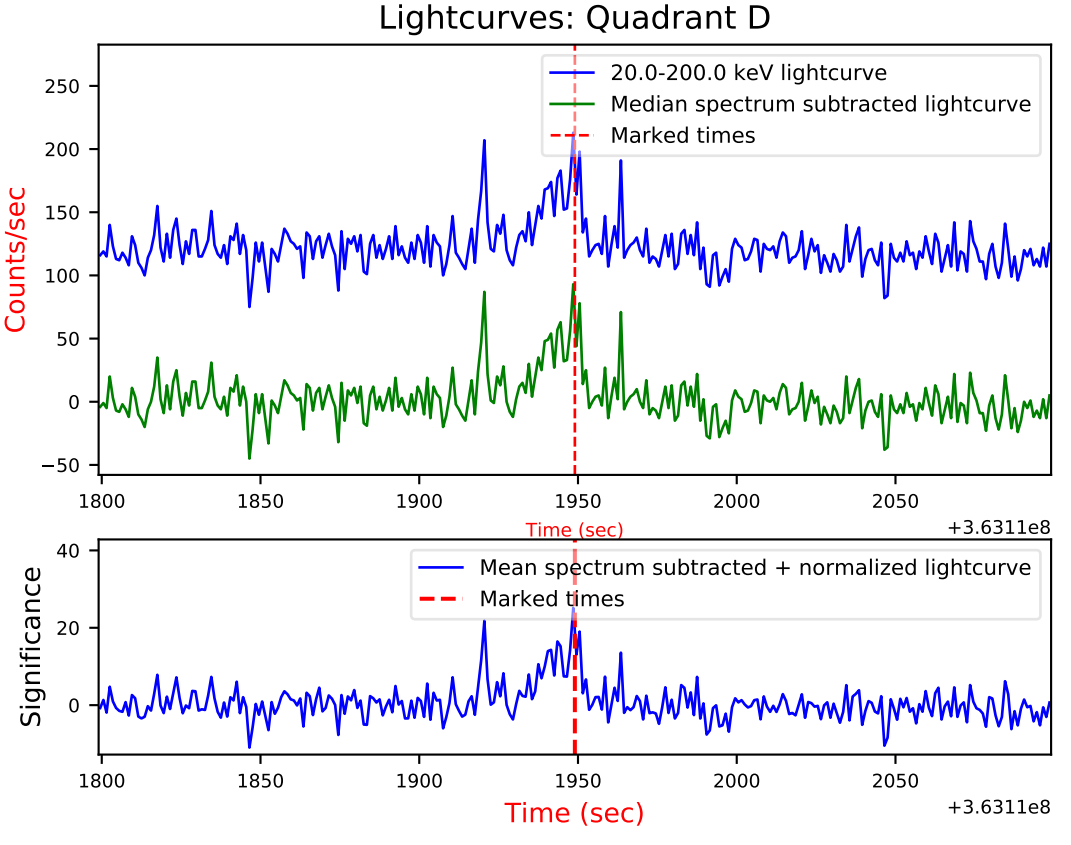

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
+3.6311e8
2
4
Strength/keV
Strength/sec
Marked times
30
20
10
0
Time (sec)
bins
50


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
30
20
10
0
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+3.6311e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
0
10
Excess counts/keV
+3.6311e8
Excess counts/sec
Marked times
100
50
0
−50
Time (sec)
bins
150


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
1800
1850
1900
1950
2000
2050
+3.6311e8
0
2
4
Strength/keV
Strength/sec
Marked times
Time (sec)
bins
50


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
1800
1850
1900
1950
2000
2050
Time (sec)
+3.6311e8