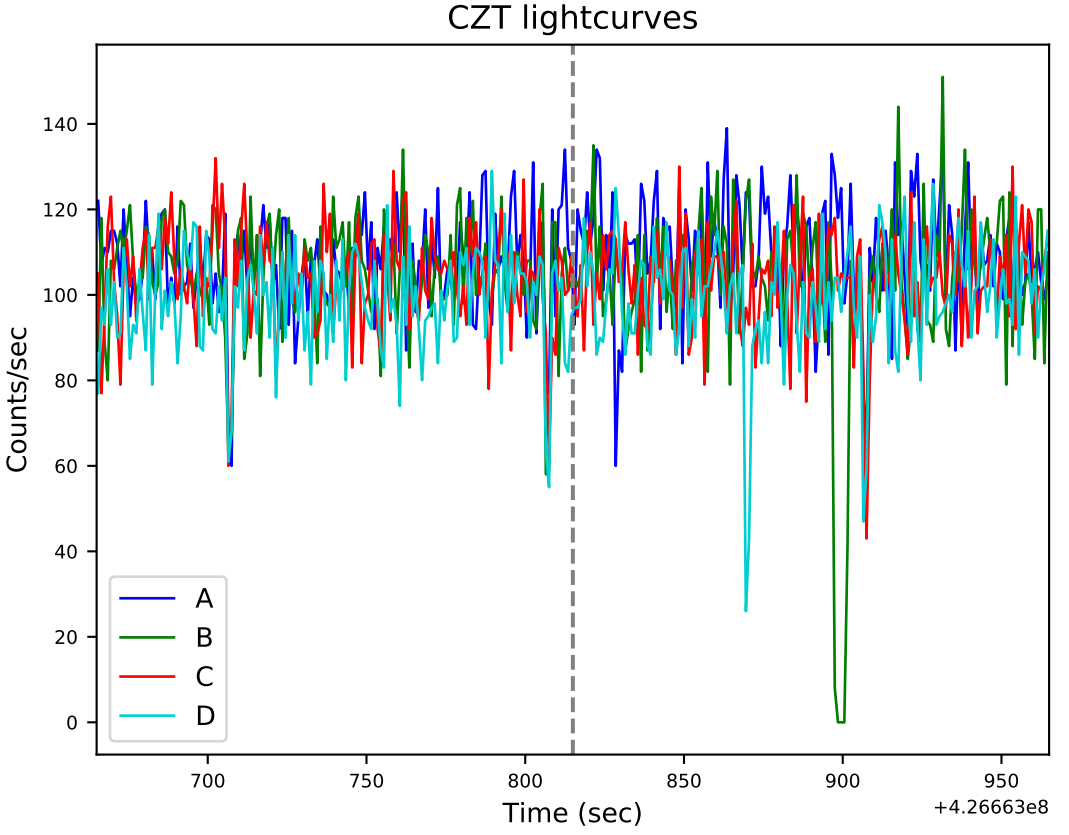
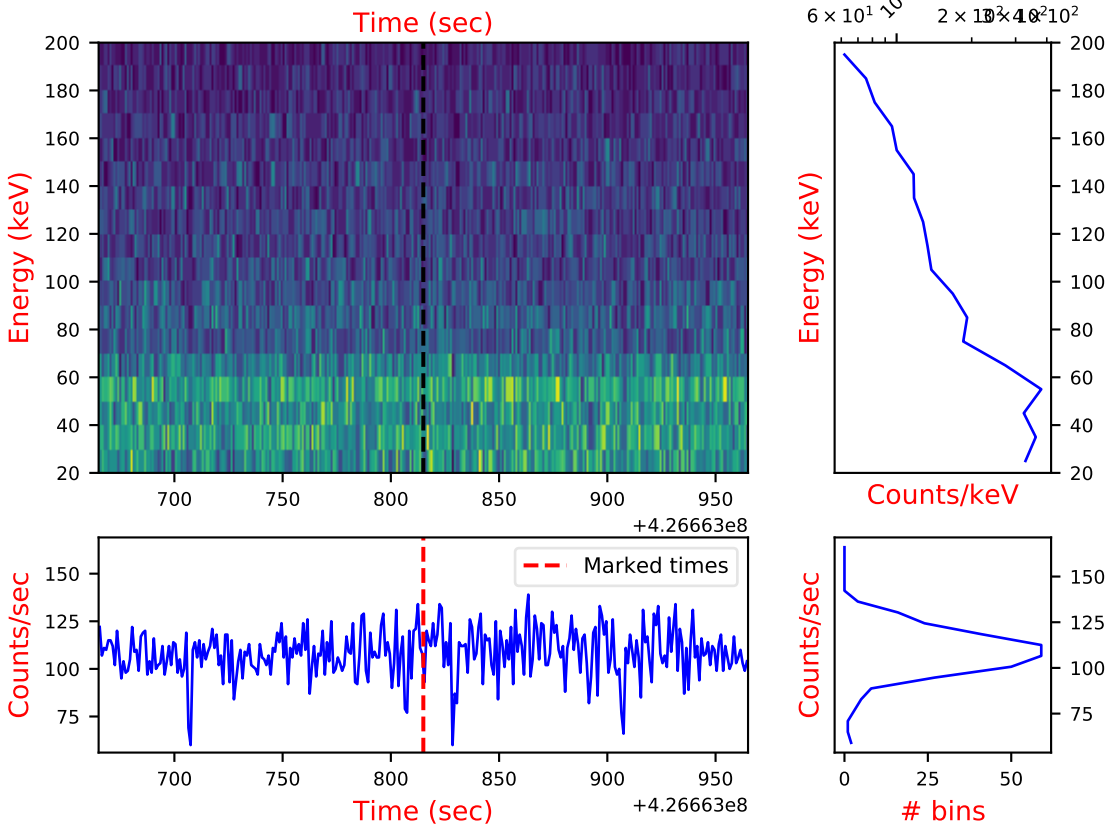
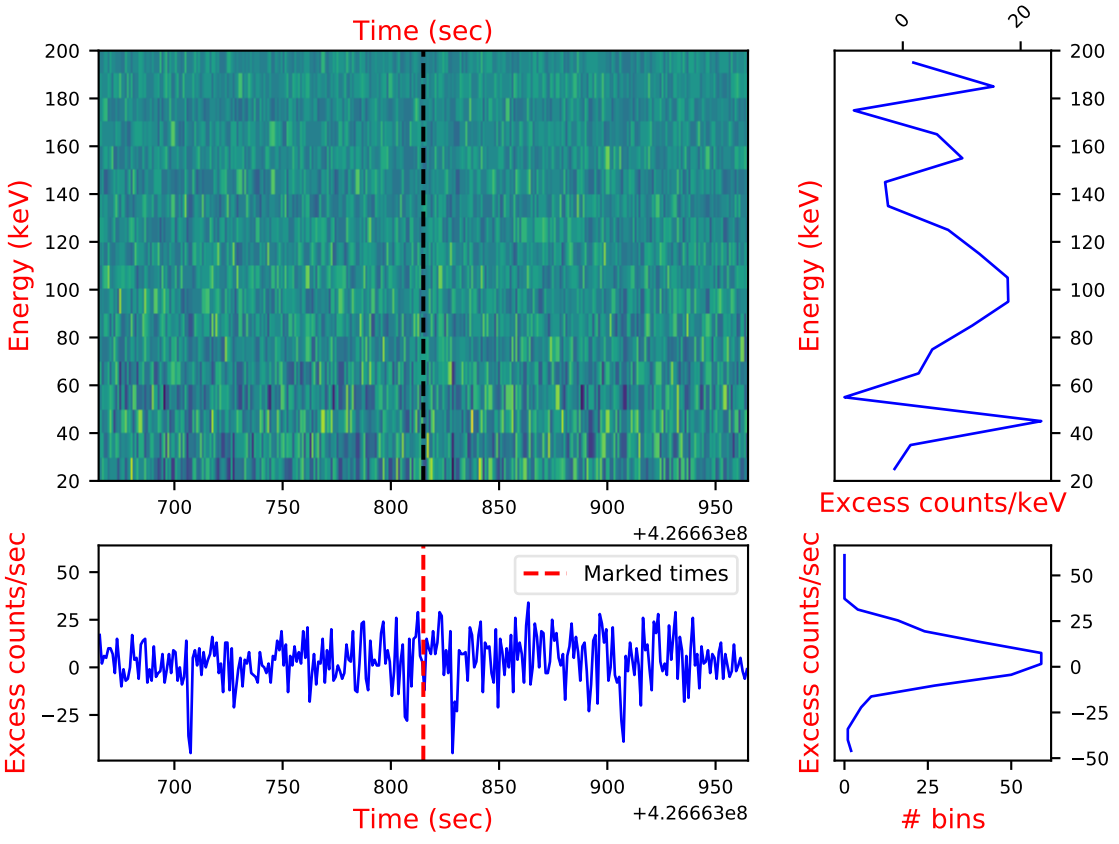
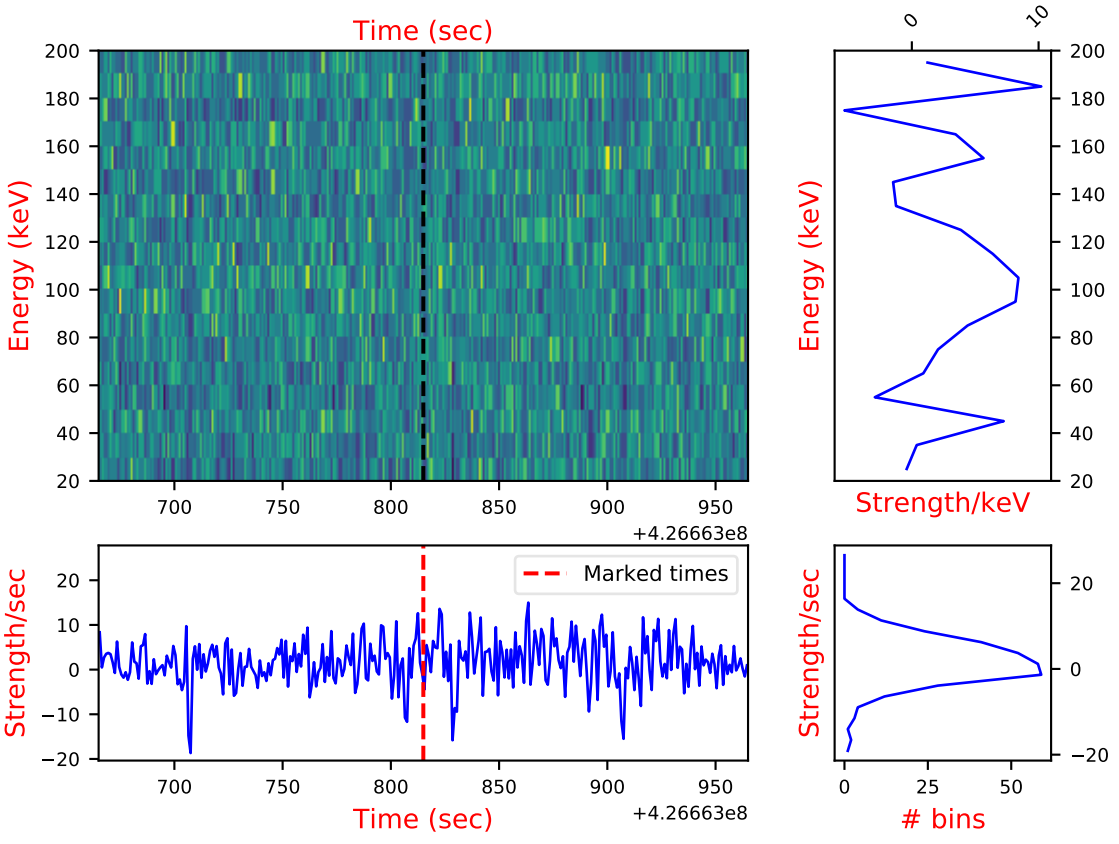
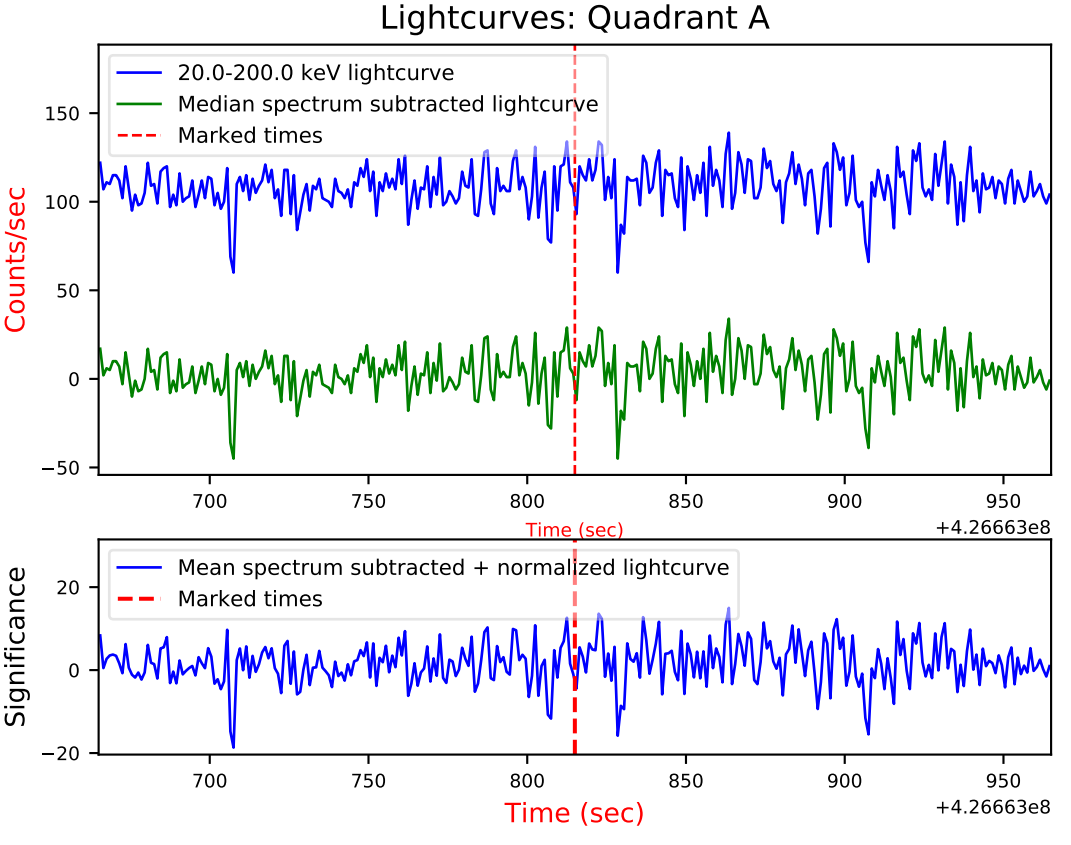
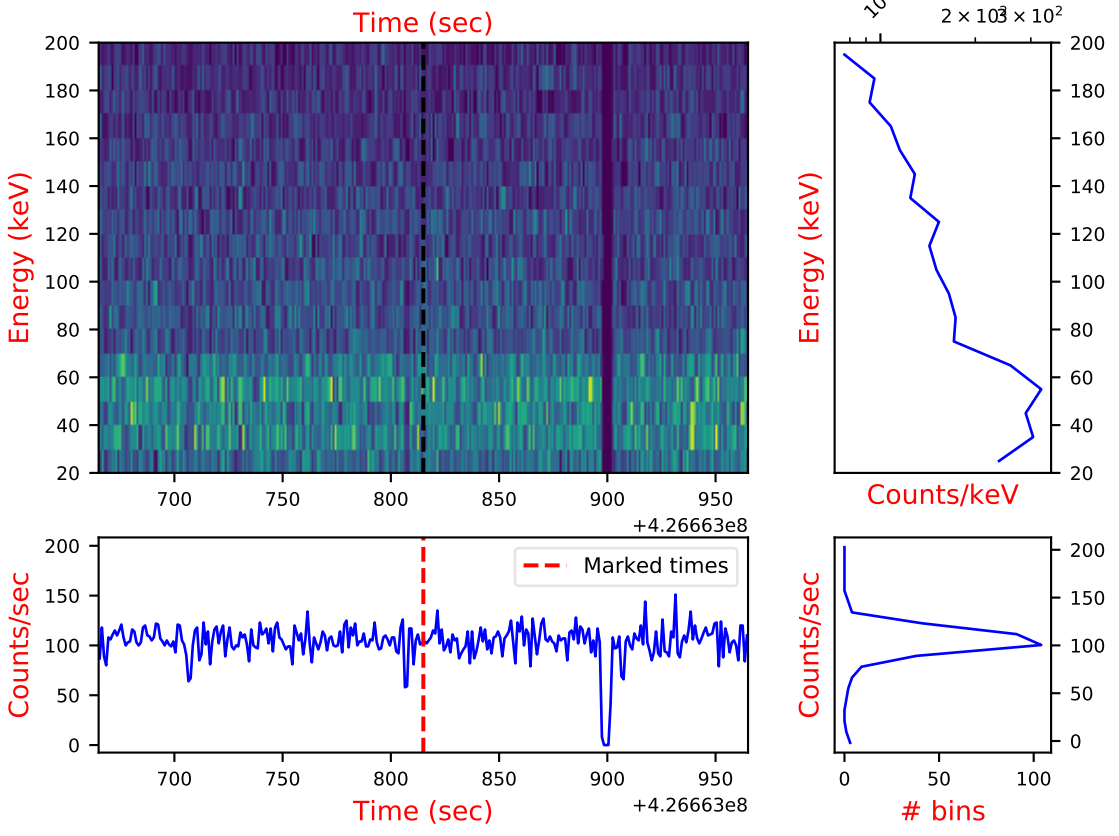

CZT lightcurves
Counts/sec
Time (sec)
+4.26663e8
A
B
C
D
0
20
40
60
80
100
120
140
700
750
800
850
900
950

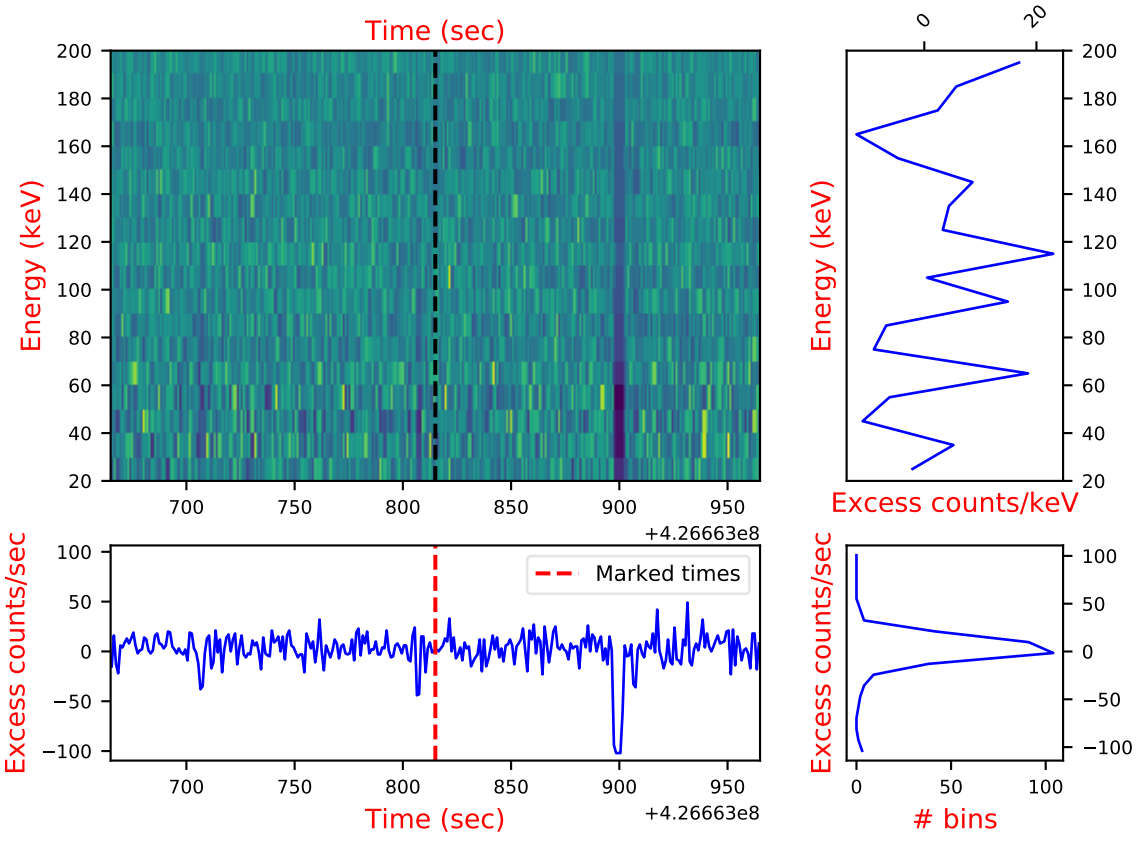

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.26663e8

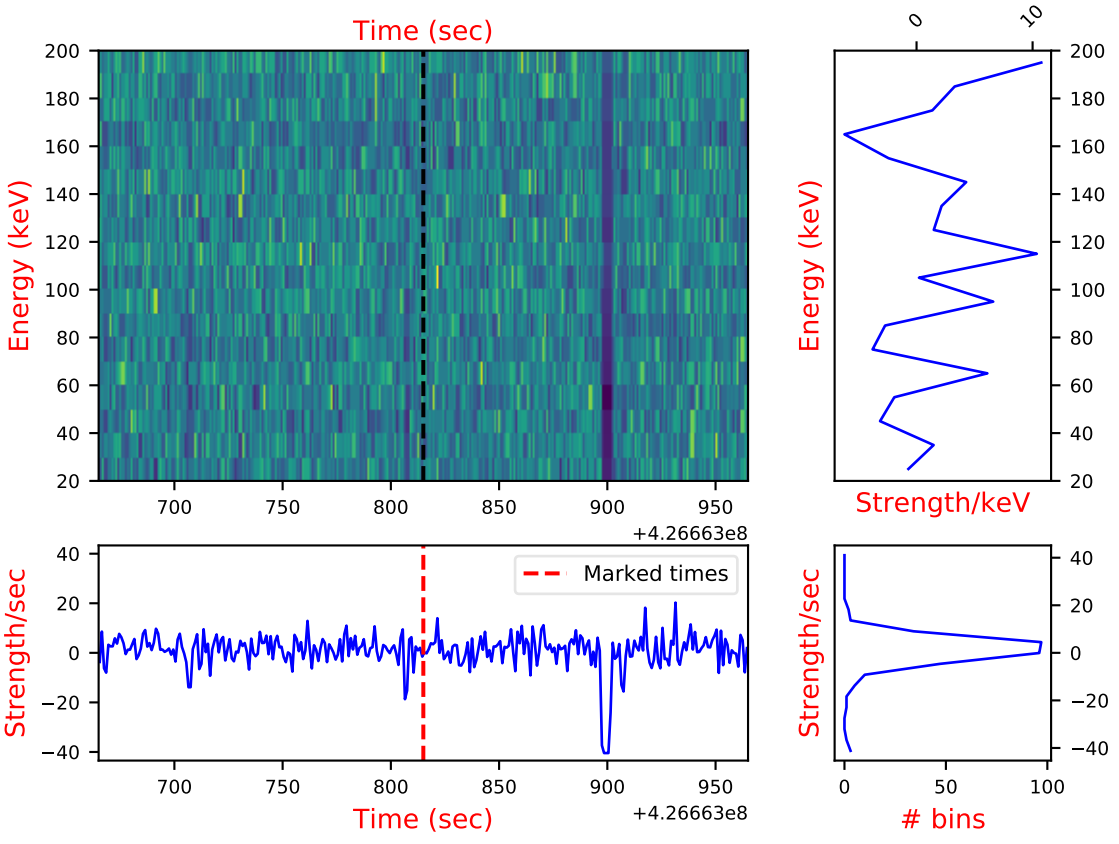

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
0
20
Excess counts/keV
Excess counts/sec
50
25
0
−25
Marked times
Time (sec)
+4.26663e8
−50
bins

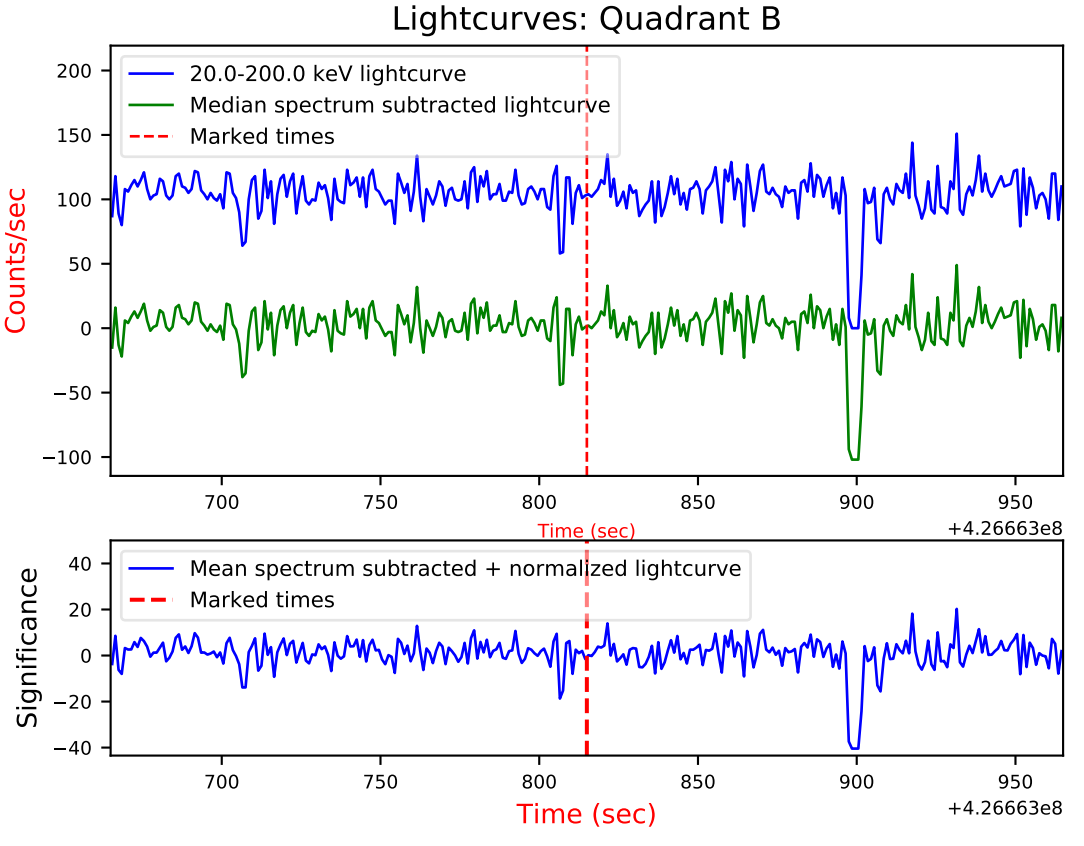

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
0
10
Strength/keV
Strength/sec
Marked times
20
10
0
−10
−20
Time (sec)
bins
25
50

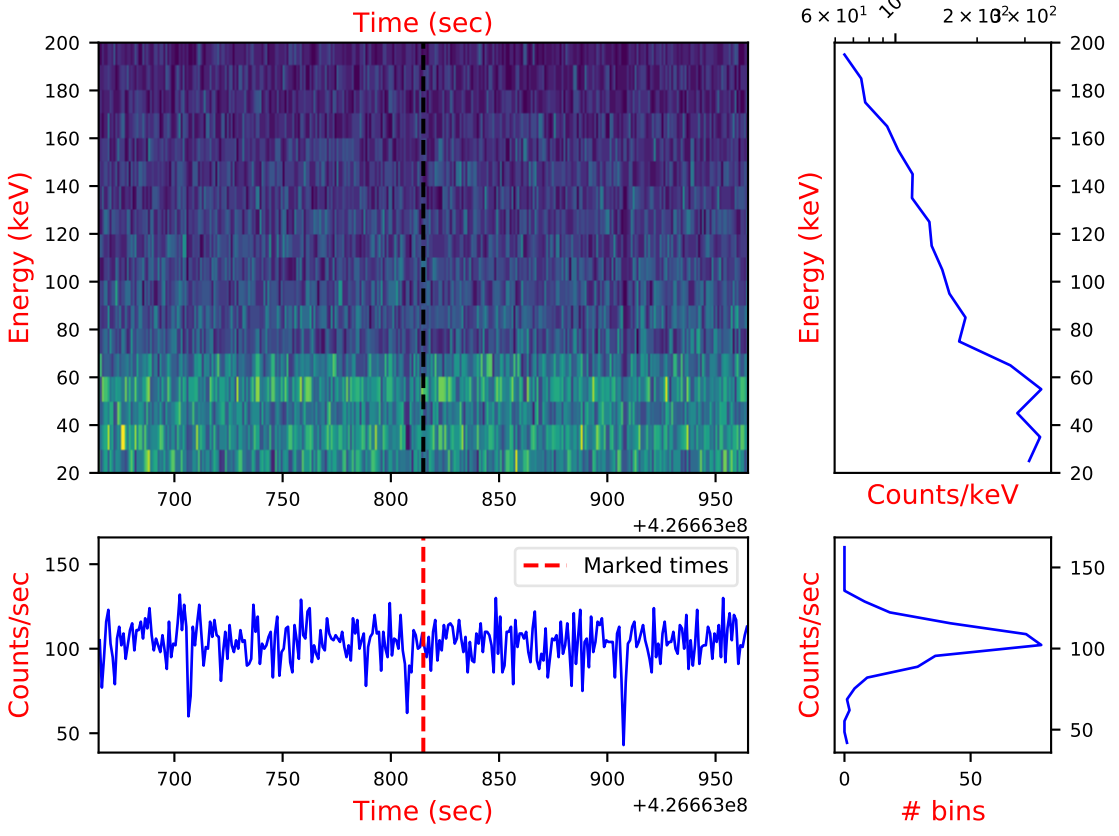

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
700
750
800
850
900
950
Time (sec)
+4.26663e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
0
−20
700
750
800
850
900
950
Time (sec)
+4.26663e8

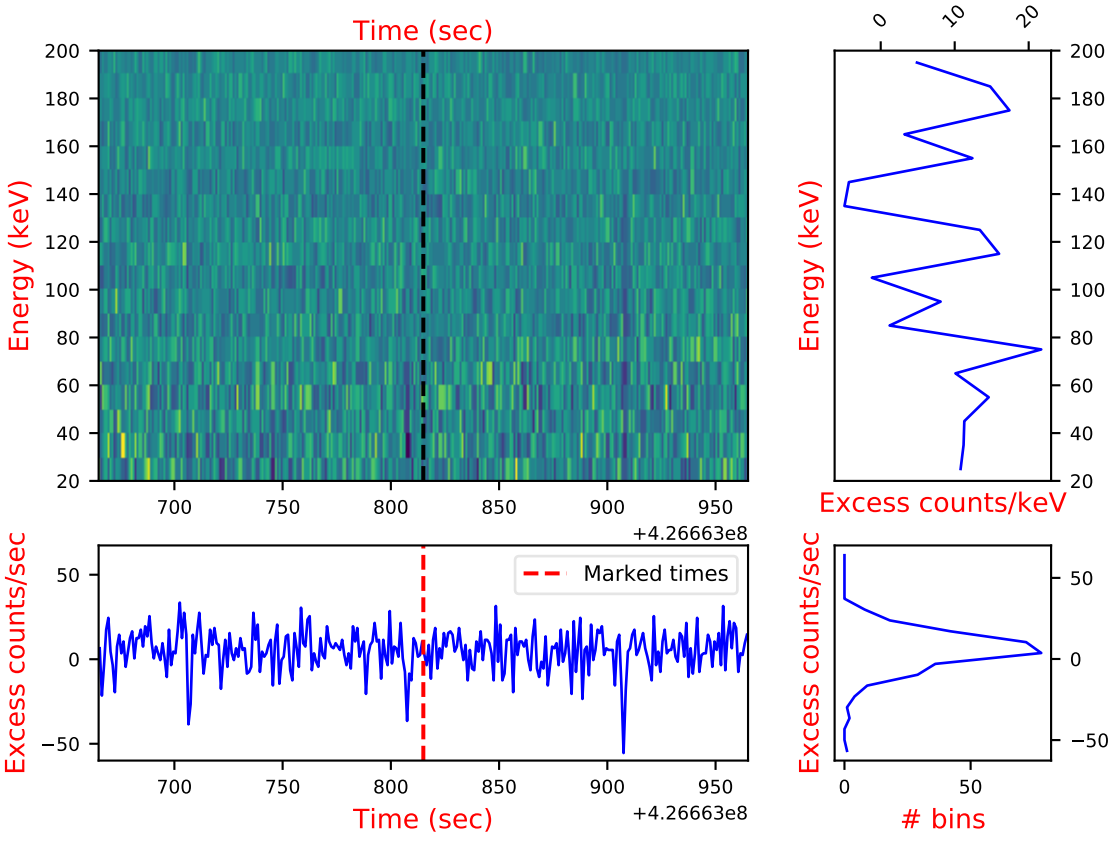

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.26663e8
bins

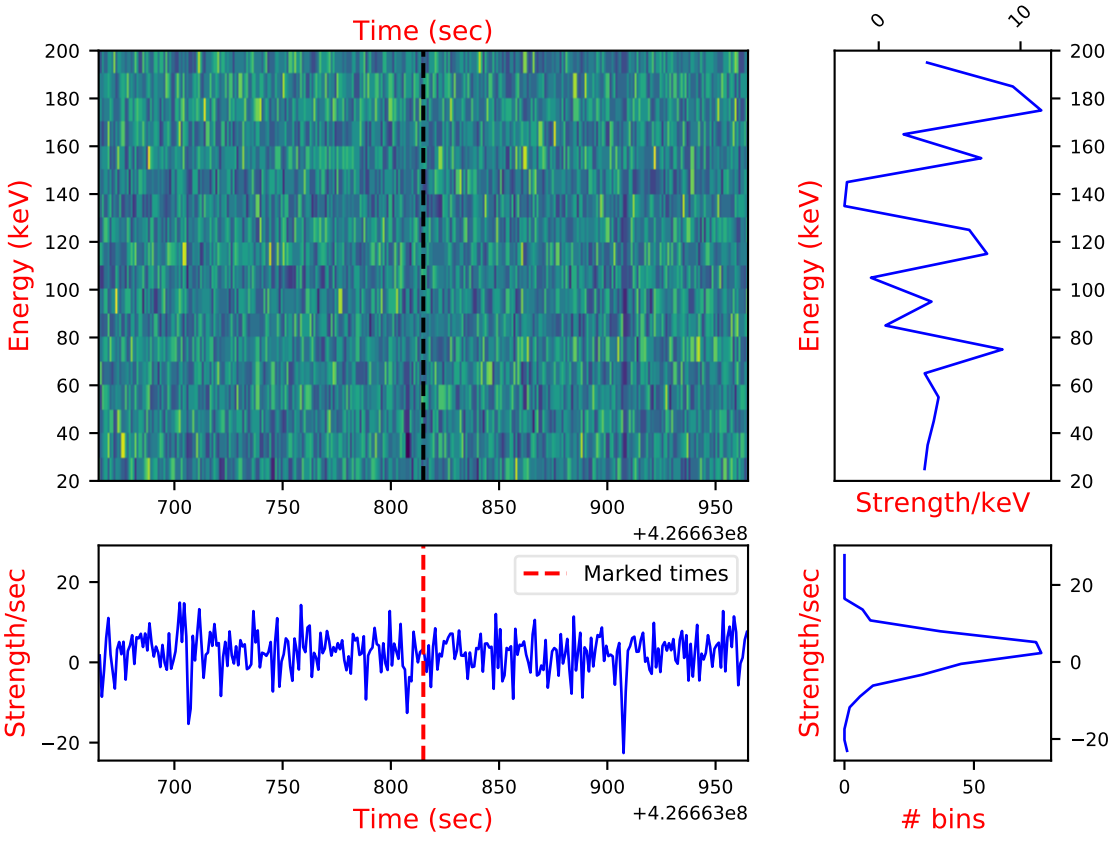

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
0
20
Excess counts/keV
Excess counts/sec
100
50
0
−50
−100
Marked times
Time (sec)
bins

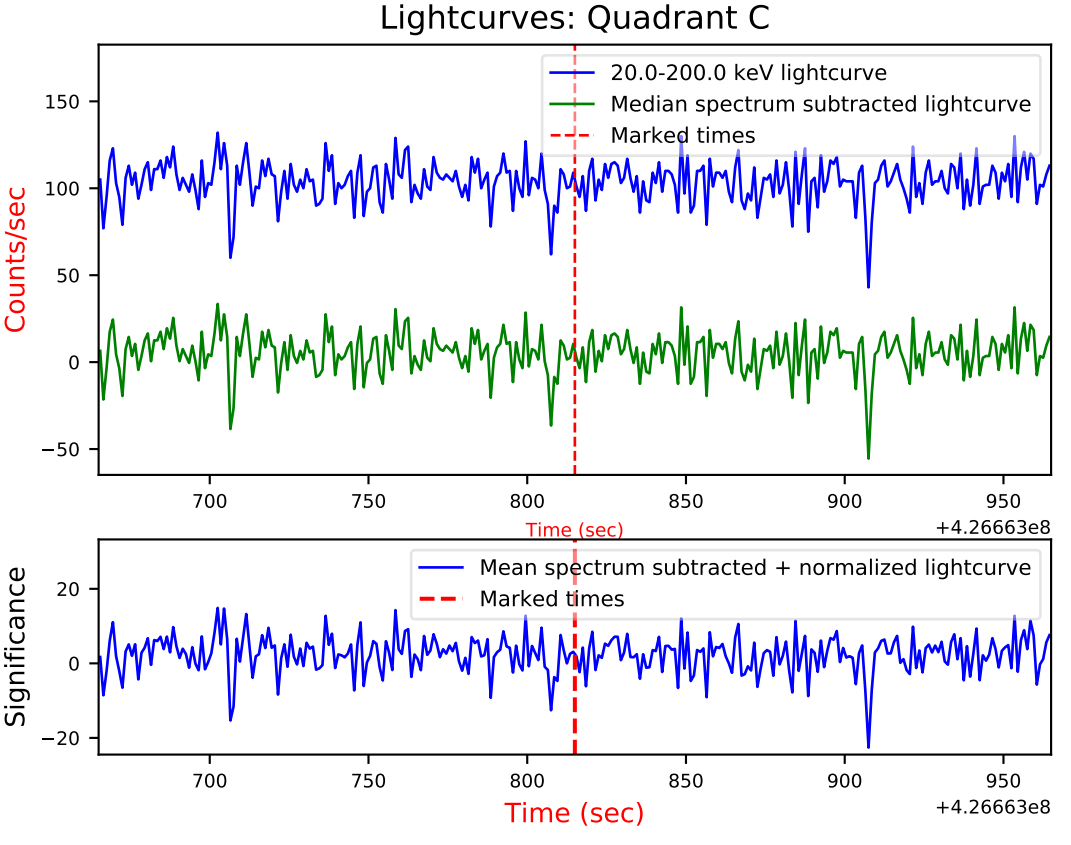

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
0
10
Strength/keV
Strength/sec
Marked times
40
20
0
−20
−40
Time (sec)
bins
50
100

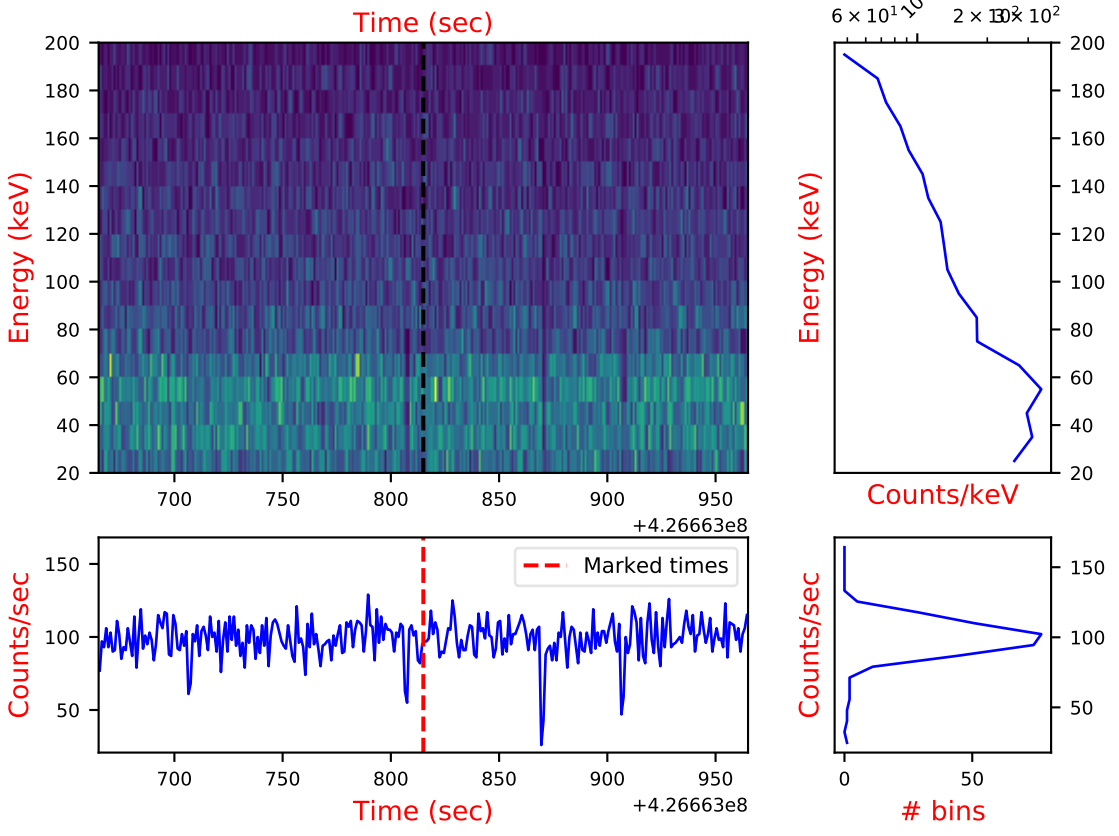

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
−100
700
750
800
850
900
950
Time (sec)
+4.26663e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
−40
700
750
800
850
900
950
Time (sec)
+4.26663e8

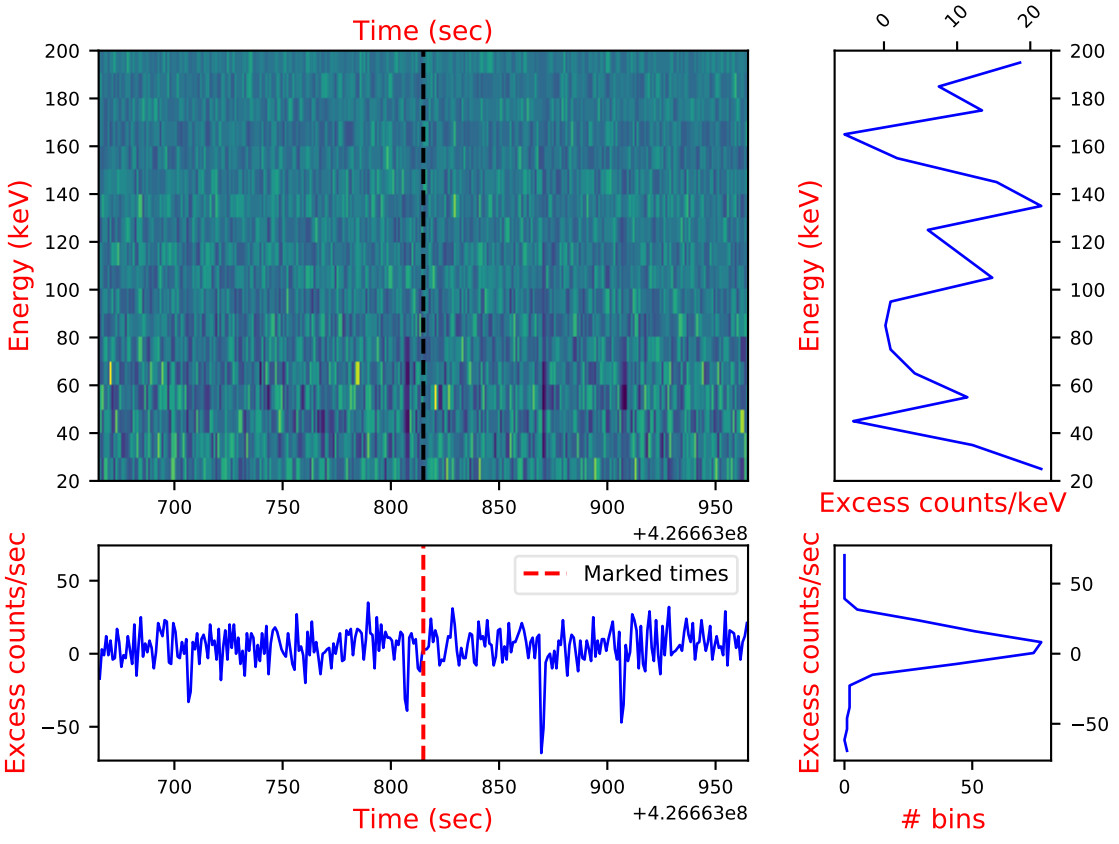

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
6×10^1
10^2
2×10^2
3×10^2
Counts/keV
Counts/sec
150
100
50
Marked times
Time (sec)
+4.26663e8
0
50
bins

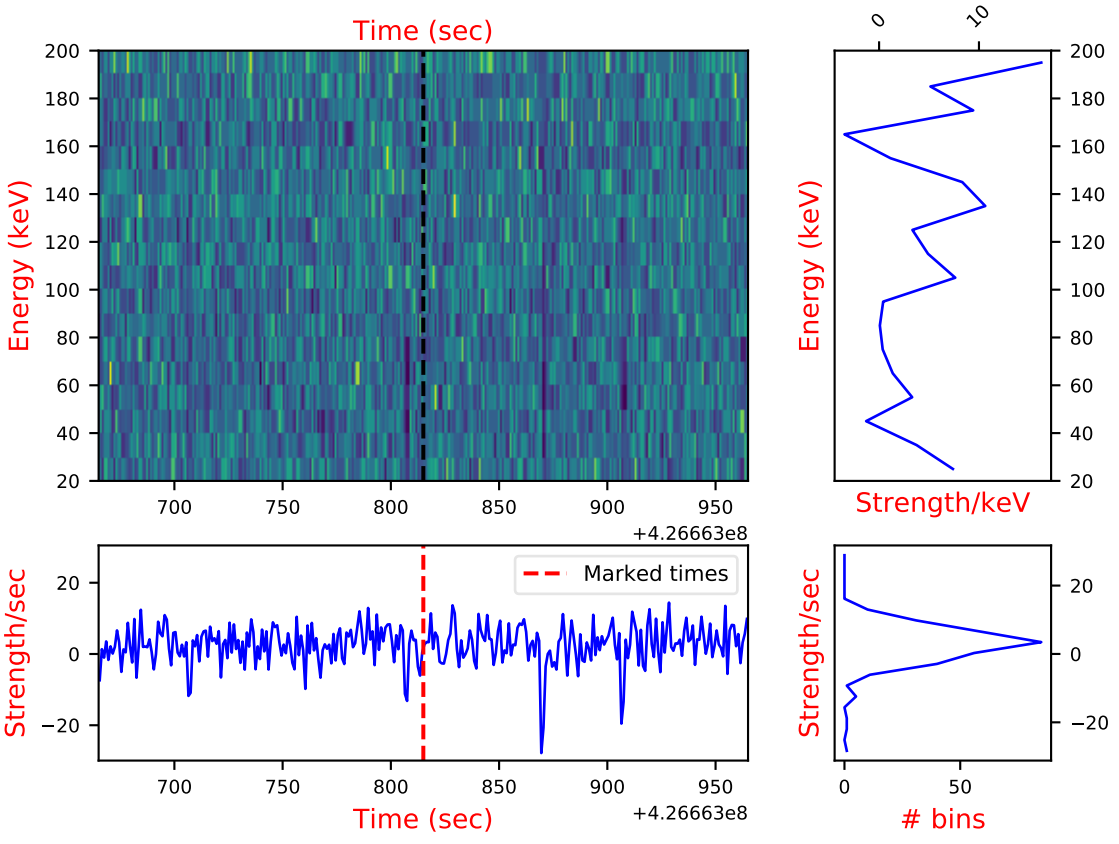

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
0
10
20
Excess counts/keV
+4.26663e8
Marked times
Excess counts/sec
50
0
−50
Time (sec)
bins

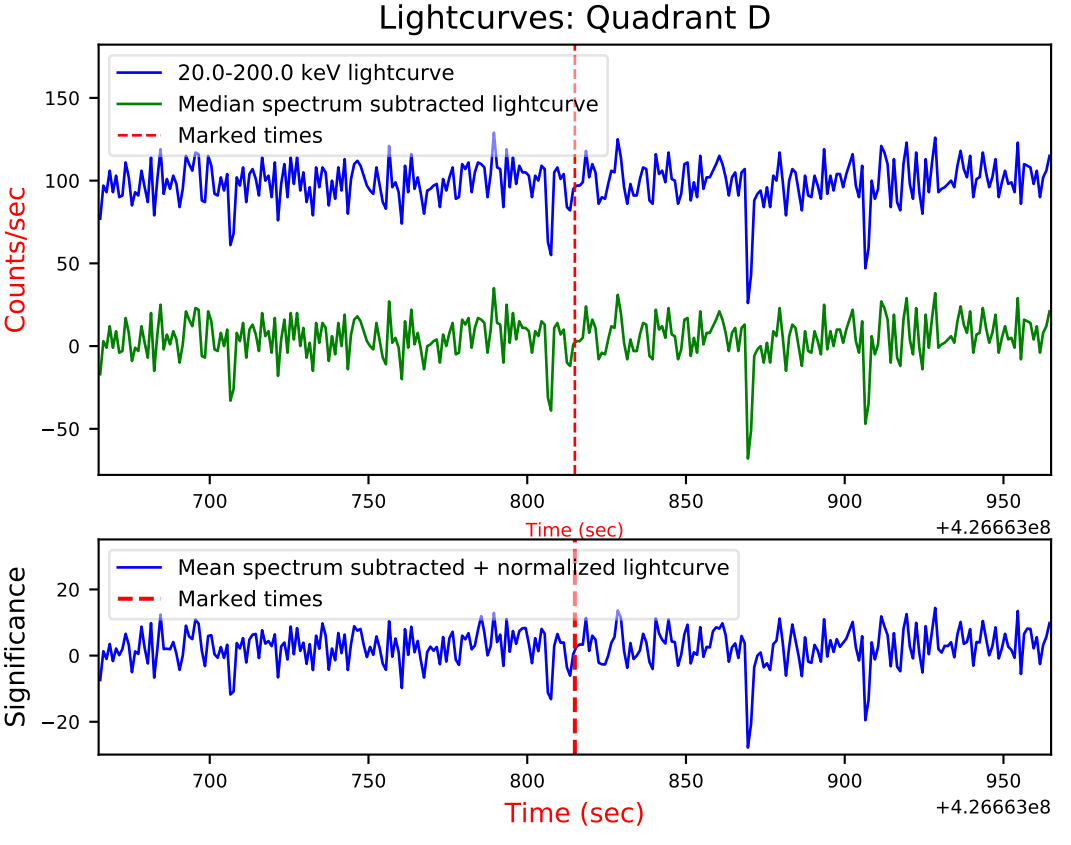

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
0
10
Strength/keV
Strength/sec
Marked times
20
0
−20
Time (sec)
+4.26663e8
bins
50


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
700
750
800
850
900
950
Time (sec)
+4.26663e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
0
−20
700
750
800
850
900
950
Time (sec)
+4.26663e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.26663e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
0
10
20
Excess counts/keV
+4.26663e8
Marked times
Excess counts/sec
50
0
−50
Time (sec)
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.26663e8
0
10
Strength/keV
Strength/sec
20
0
−20
Marked times
Time (sec)
+4.26663e8
50
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
700
750
800
850
900
950
Time (sec)
+4.26663e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
0
−20
700
750
800
850
900
950
Time (sec)
+4.26663e8