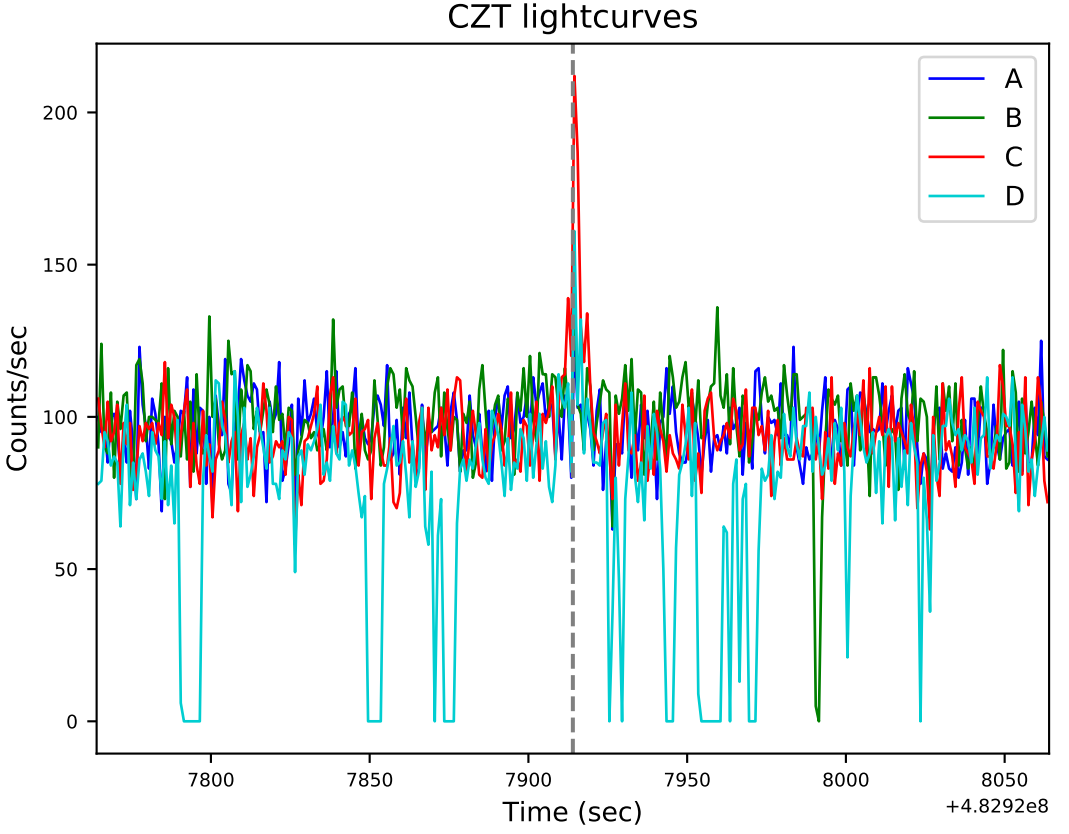
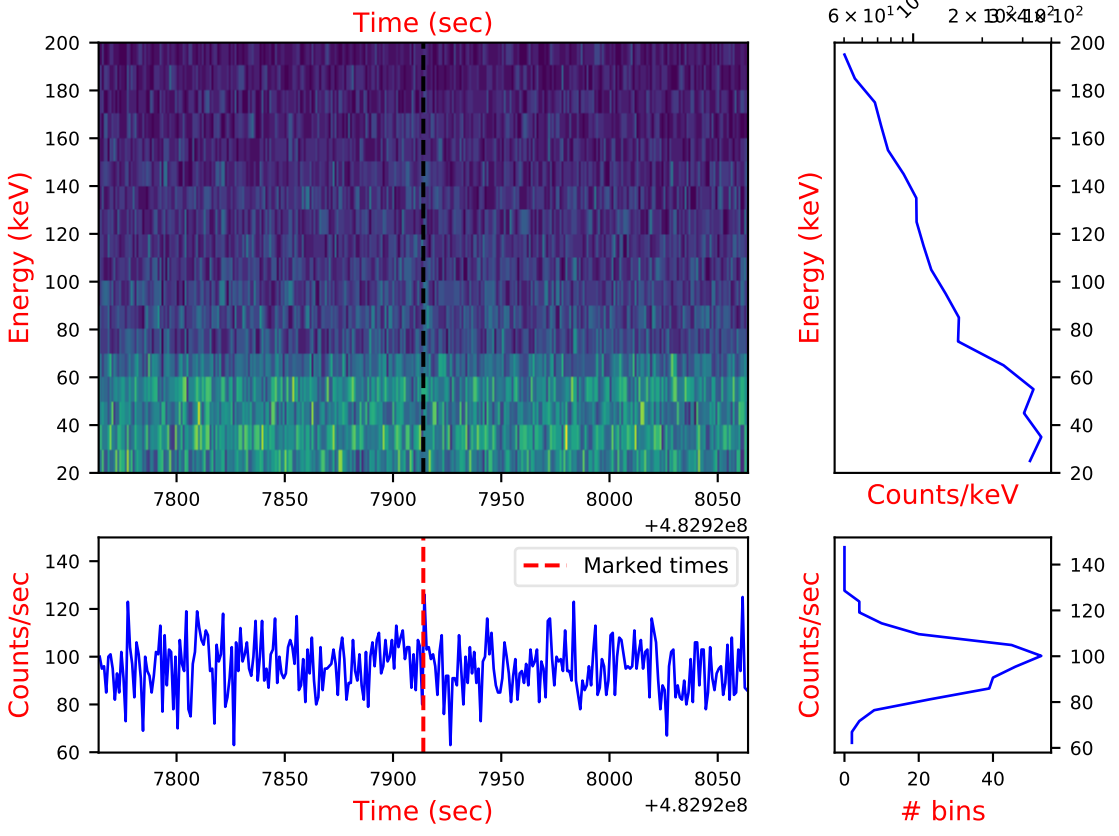
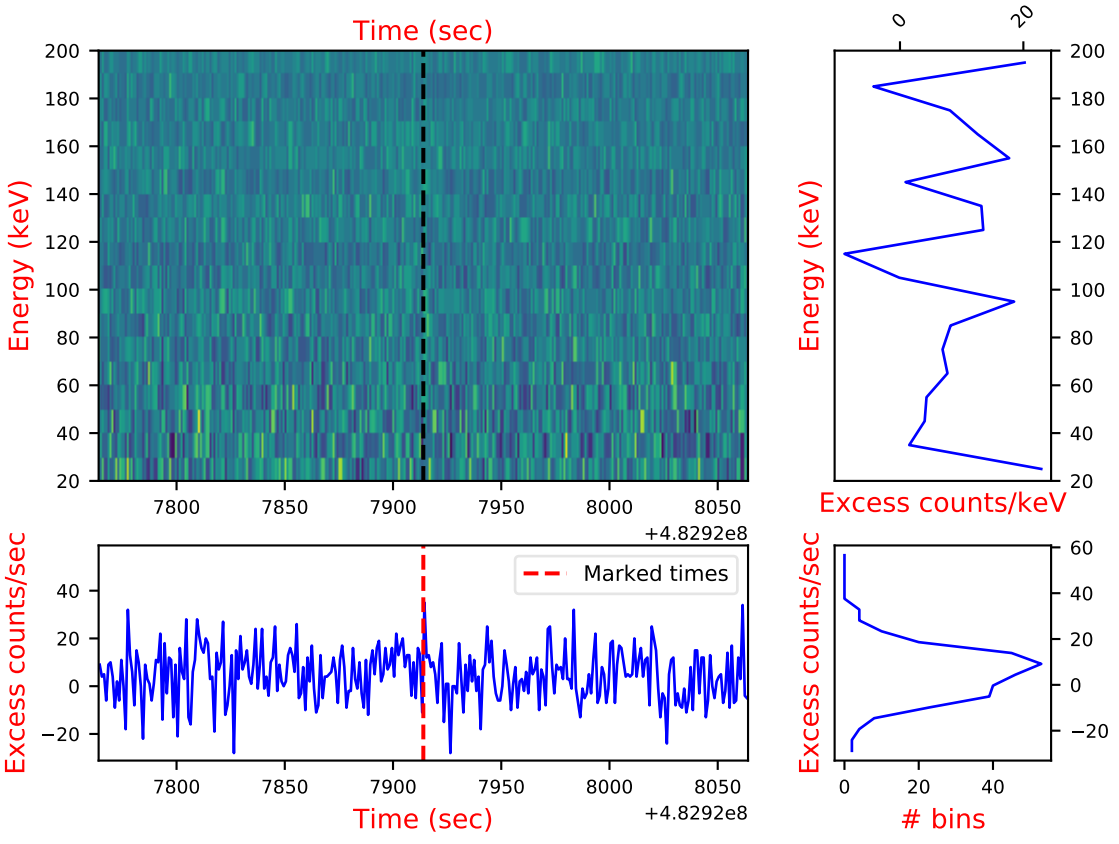
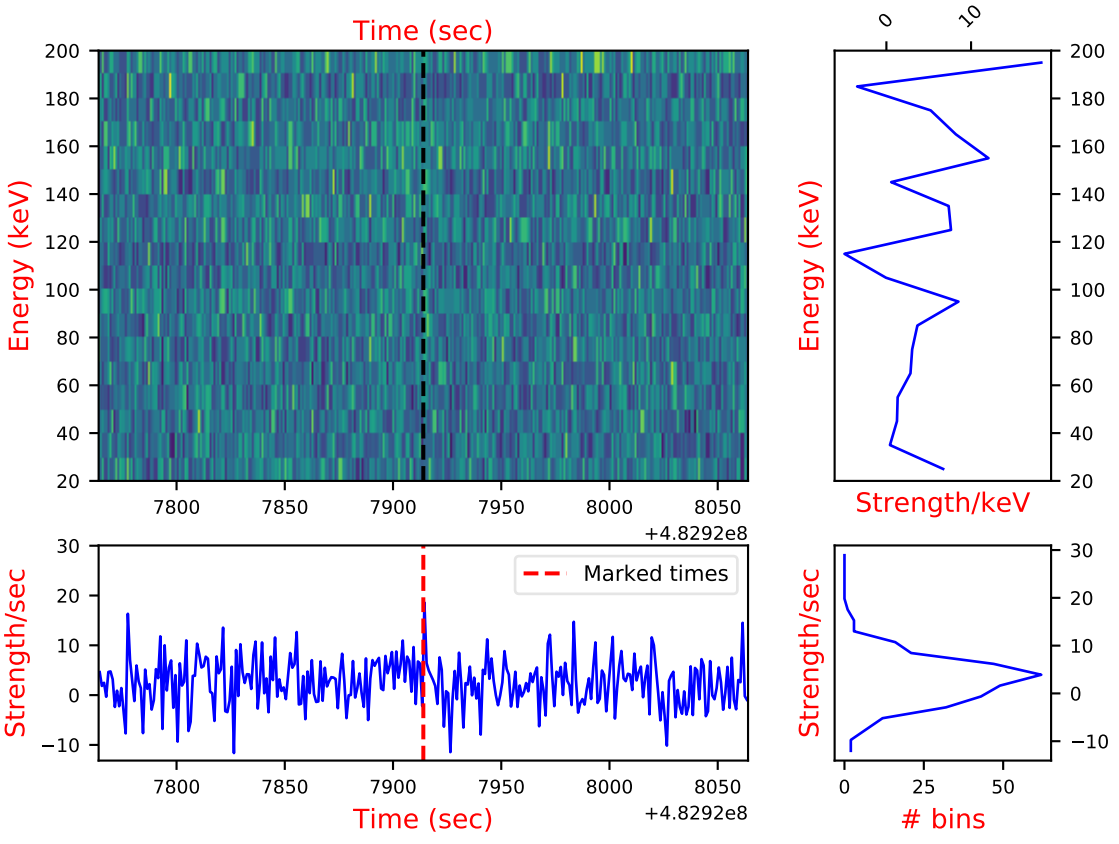
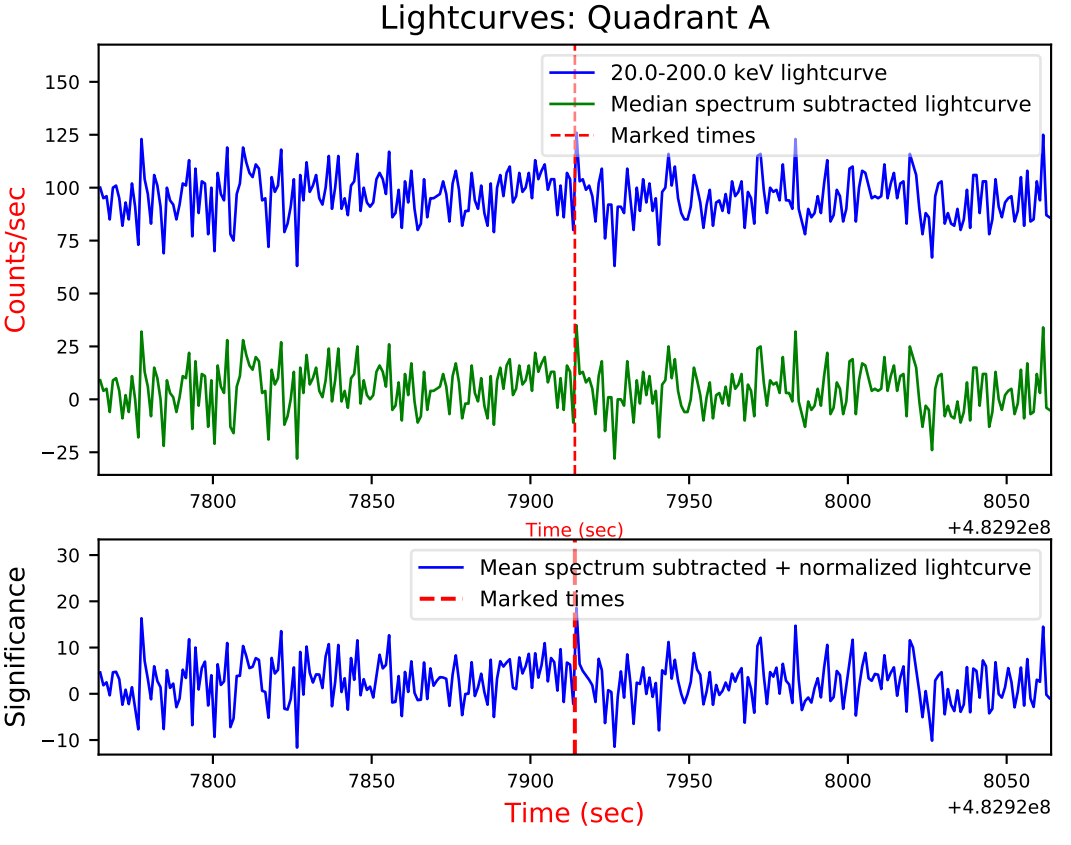
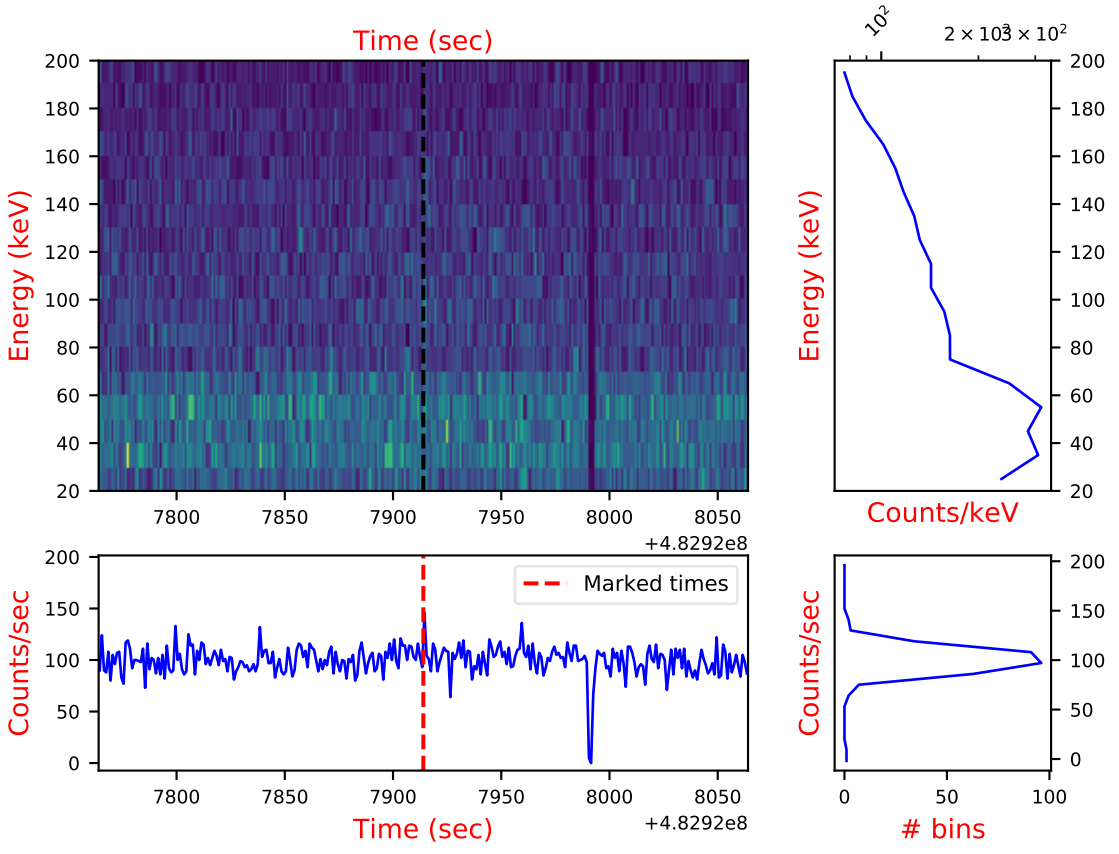

CZT lightcurves
A
B
C
D
200
150
100
50
0
Counts/sec
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8

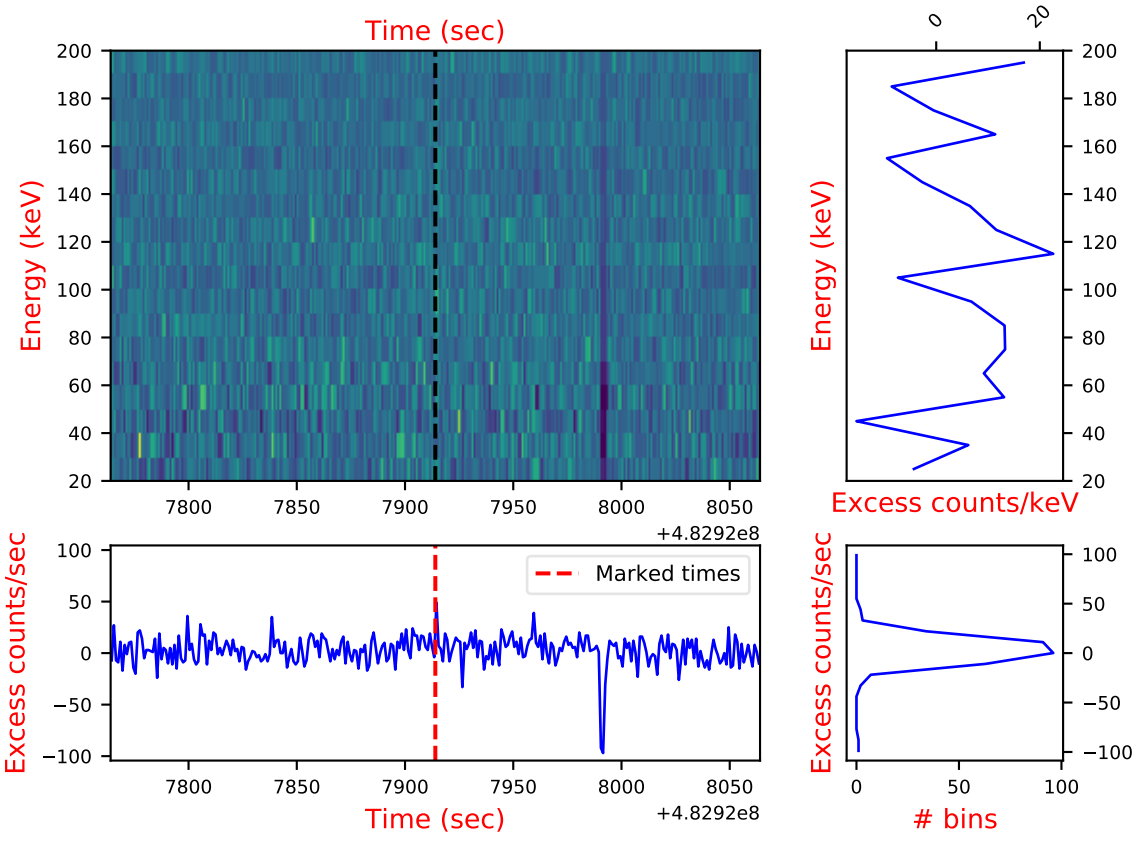

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.8292e8

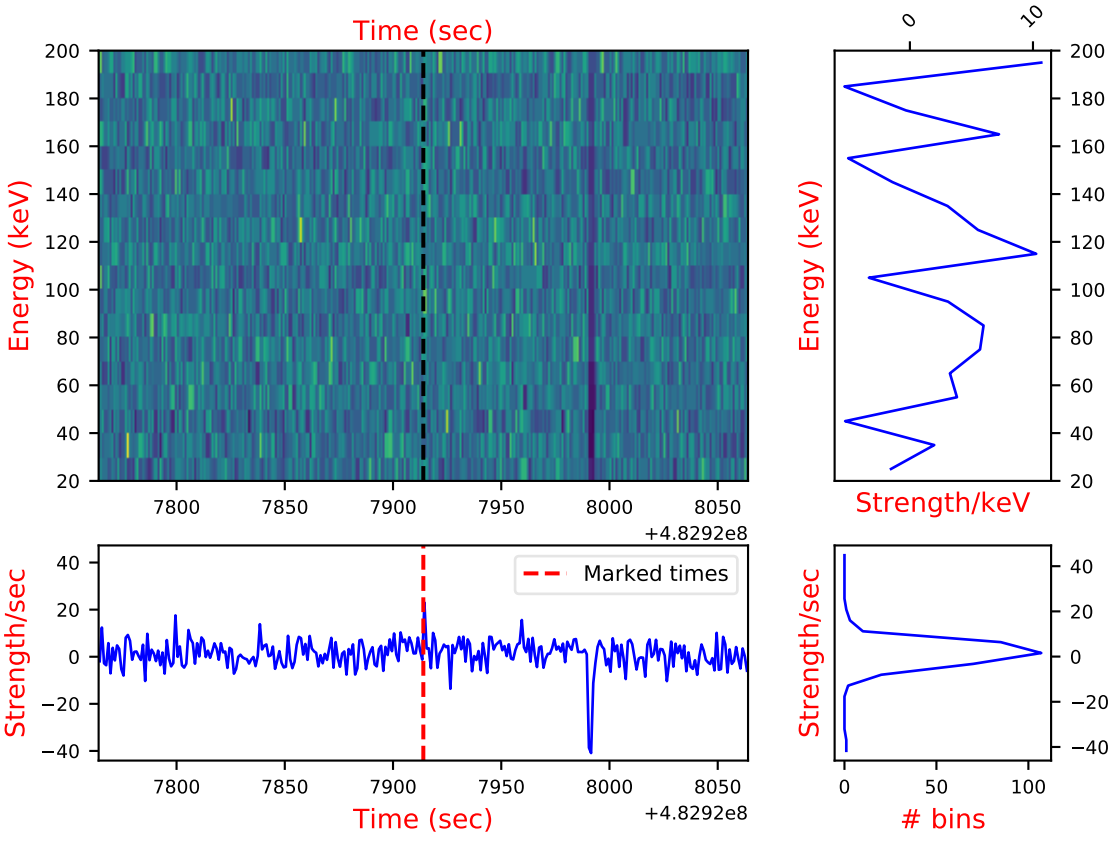

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
40
20
0
−20
Time (sec)
+4.8292e8
60
bins

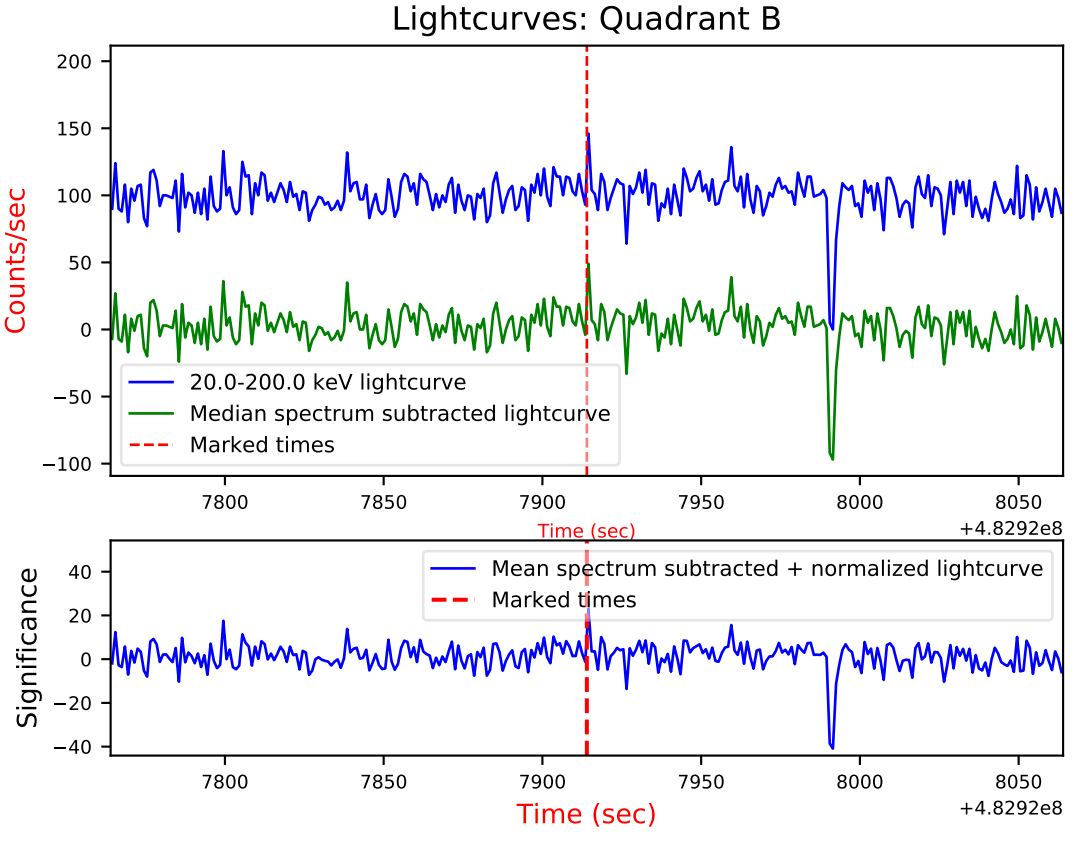

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
10
Strength/keV
Strength/sec
30
20
10
0
−10
Marked times
Time (sec)
bins
25
50

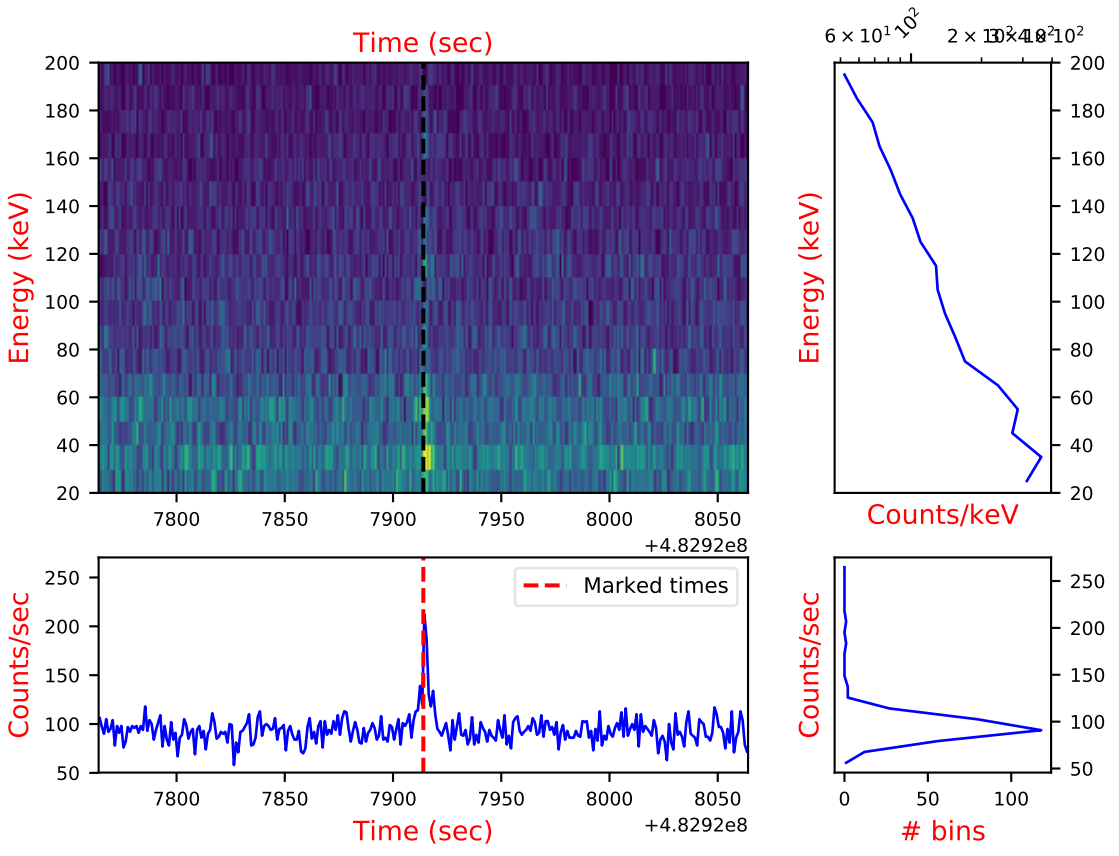

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
125
100
75
50
25
0
−25
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
30
20
10
0
−10
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8

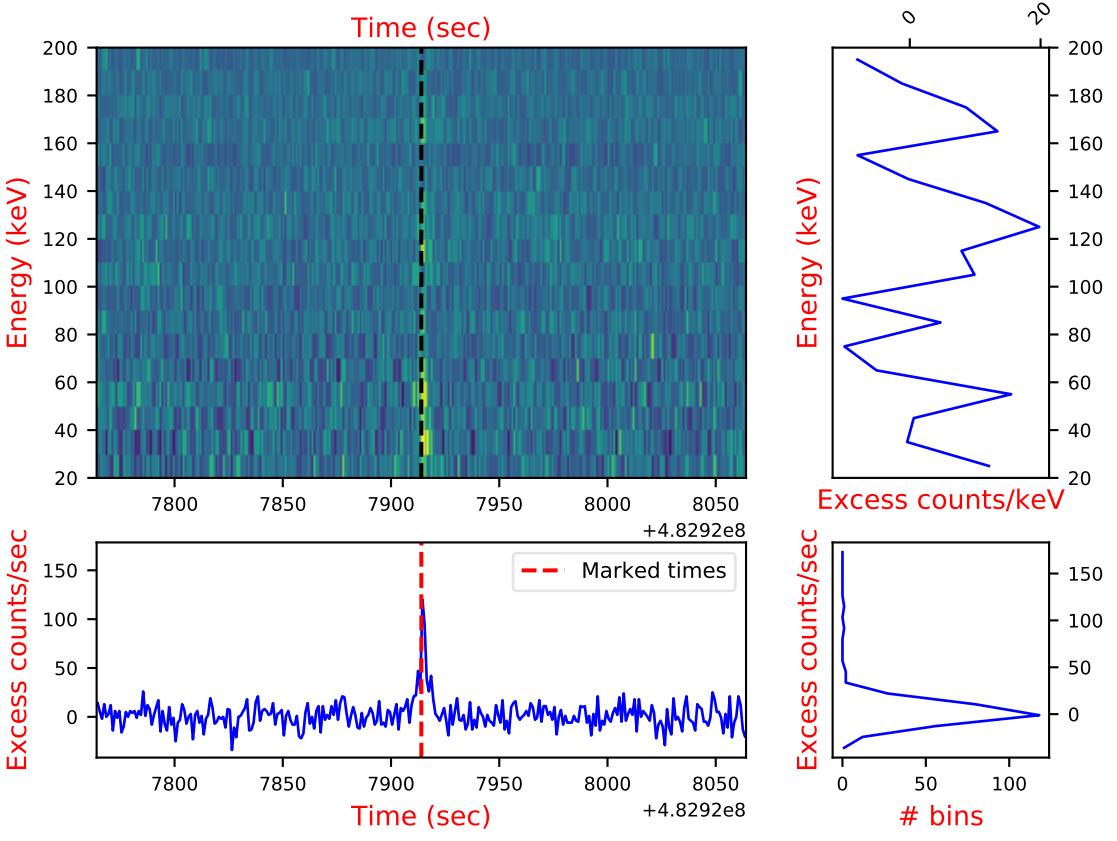

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
10^2
2×10^2
3×10^2
Counts/keV
Counts/sec
Marked times
150
50
0
bins
100

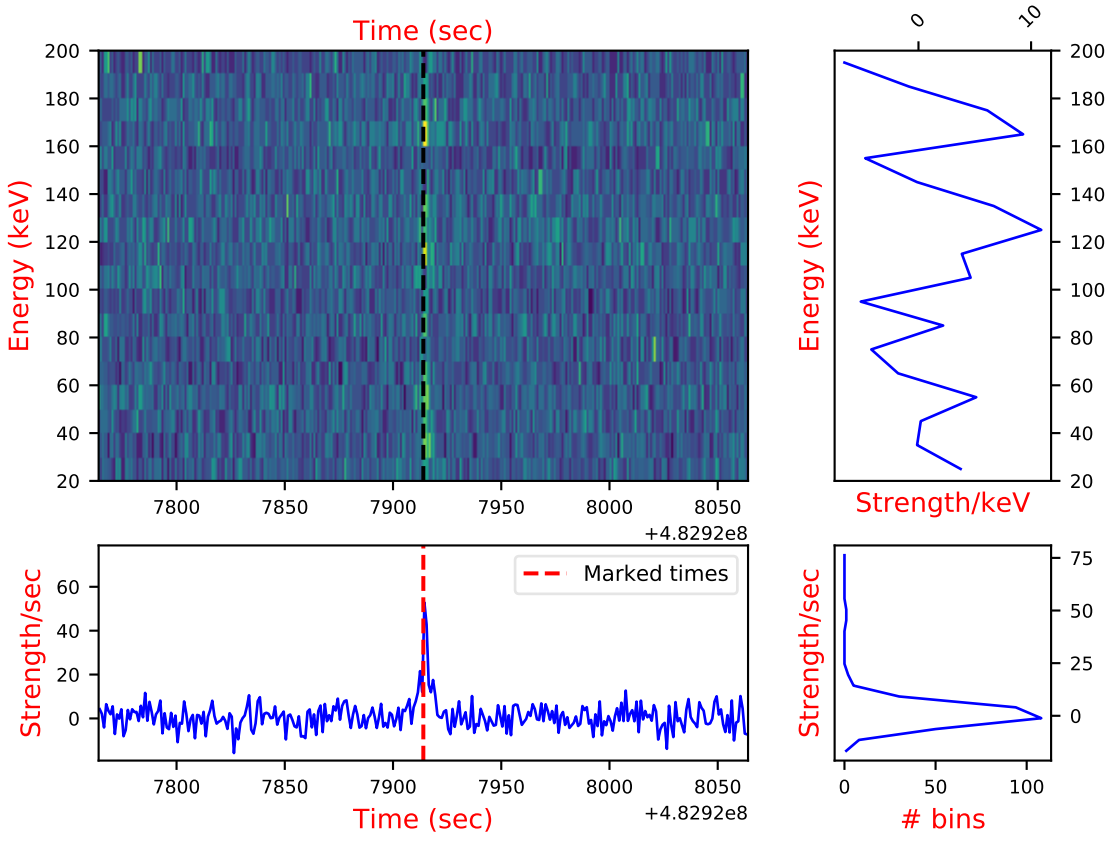

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
20
Excess counts/keV
Excess counts/sec
100
50
0
−50
−100
Marked times
Time (sec)
bins

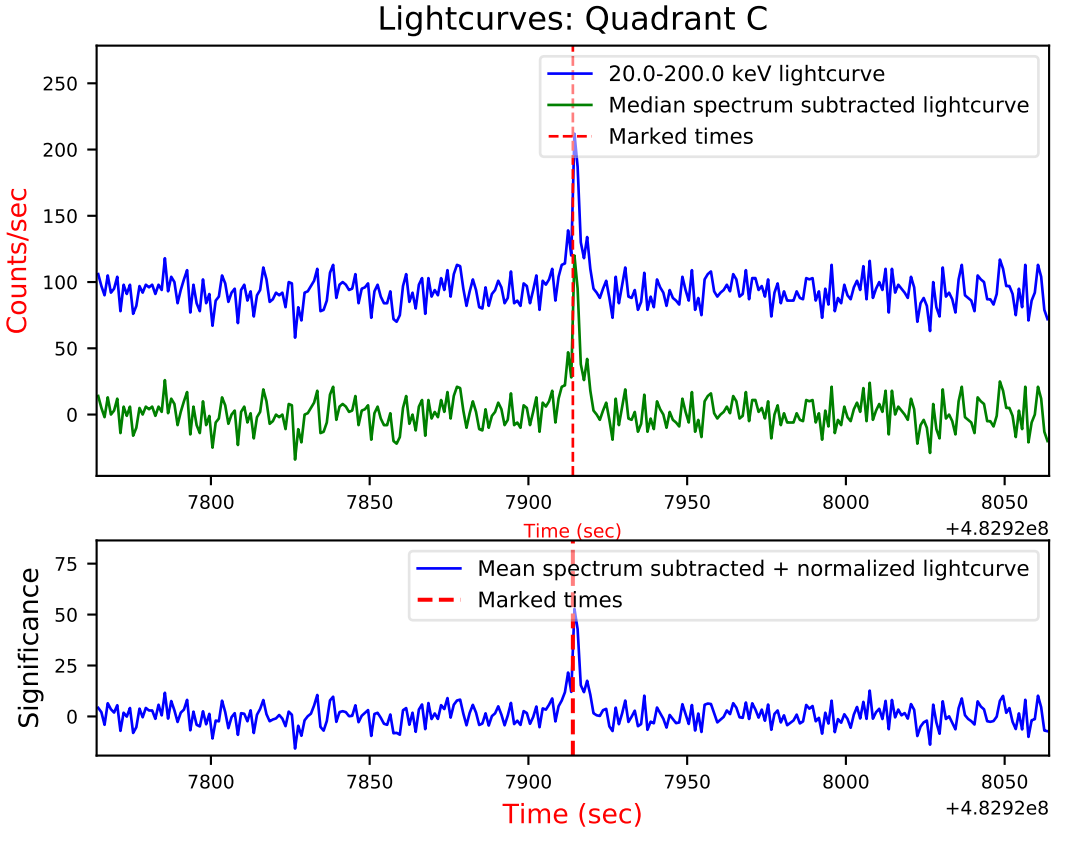

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
10
Strength/keV
Strength/sec
40
20
0
−20
−40
Marked times
Time (sec)
bins
50
100

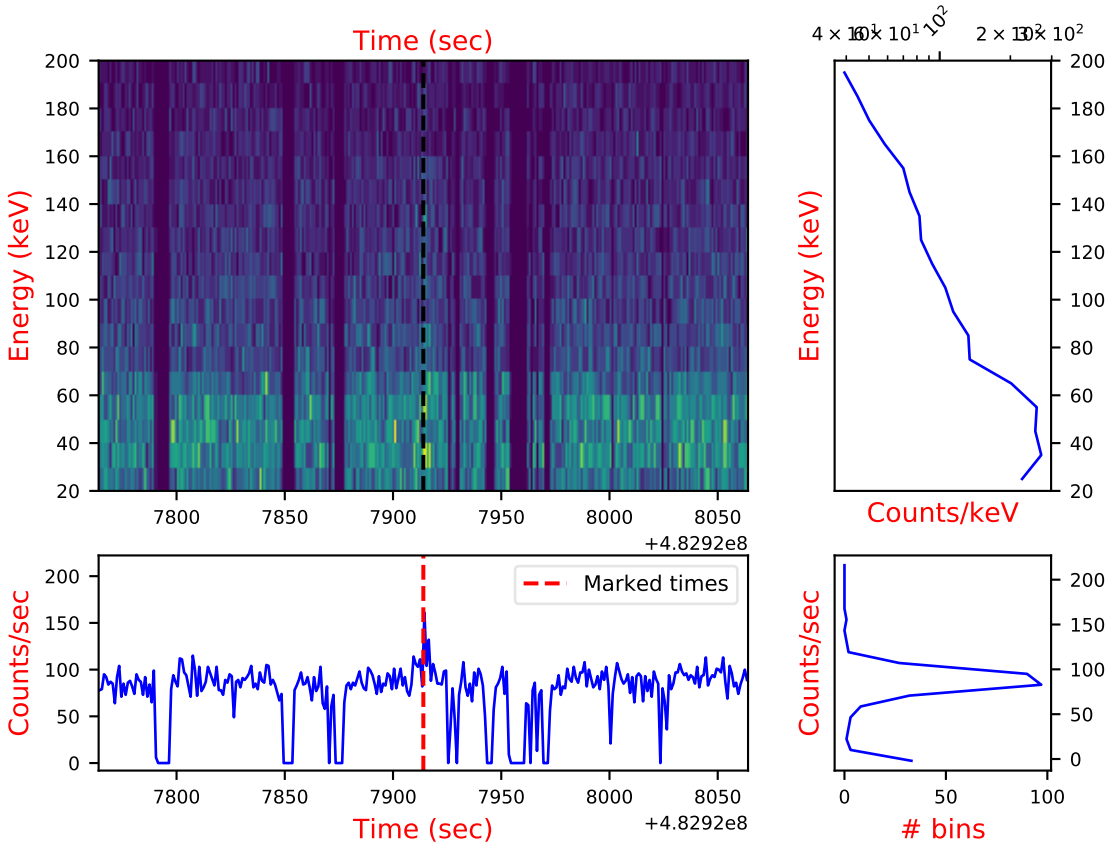

Lightcurves: Quadrant B
Counts/sec
200
150
100
50
0
−50
−100
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8
Significance
40
20
0
−20
−40
Mean spectrum subtracted + normalized lightcurve
Marked times
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8

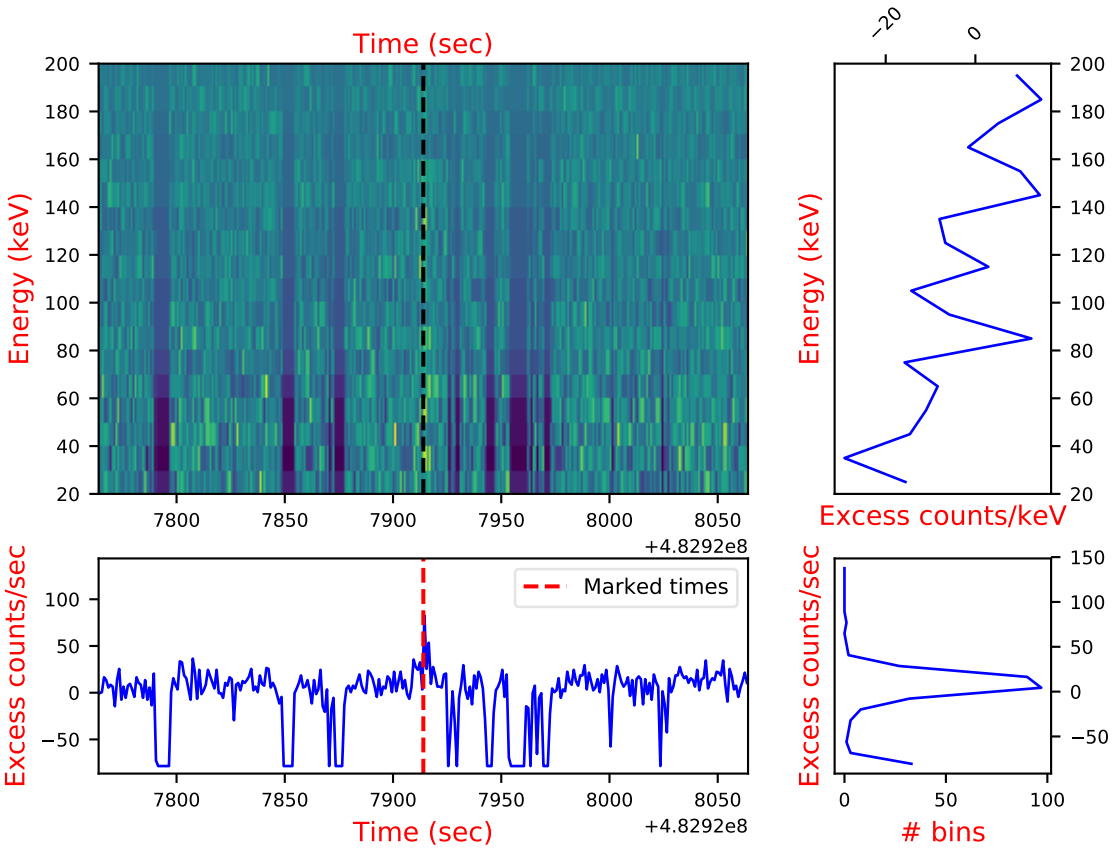

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.8292e8

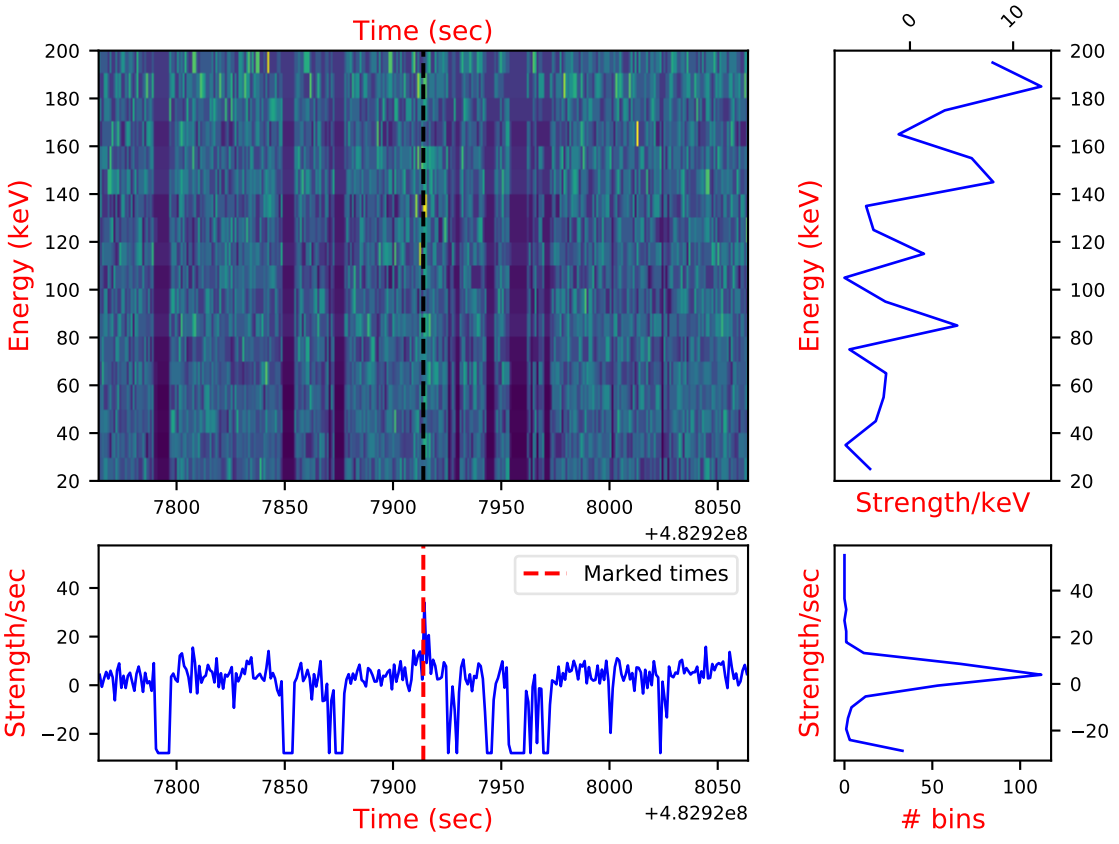

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
20
Excess counts/keV
Excess counts/sec
150
100
50
0
Marked times
Time (sec)
bins

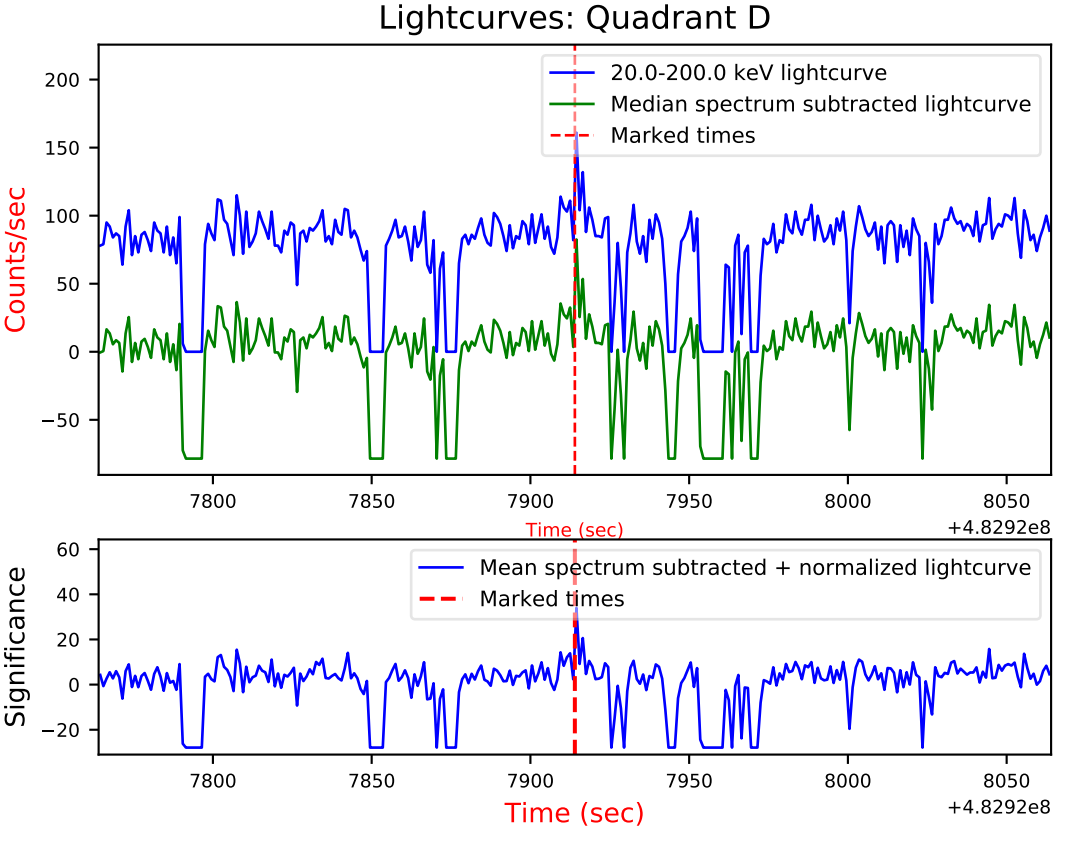

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
10
Strength/keV
Strength/sec
Marked times
60
40
20
0
Time (sec)
75
50
25
0
50
100
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
75
50
25
0
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.8292e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
−20
0
Excess counts/keV
+4.8292e8
Marked times
Excess counts/sec
100
50
0
−50
150
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
7800
7850
7900
7950
8000
8050
+4.8292e8
0
10
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.8292e8
bins
0
50
100


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
60
40
20
0
−20
7800
7850
7900
7950
8000
8050
Time (sec)
+4.8292e8