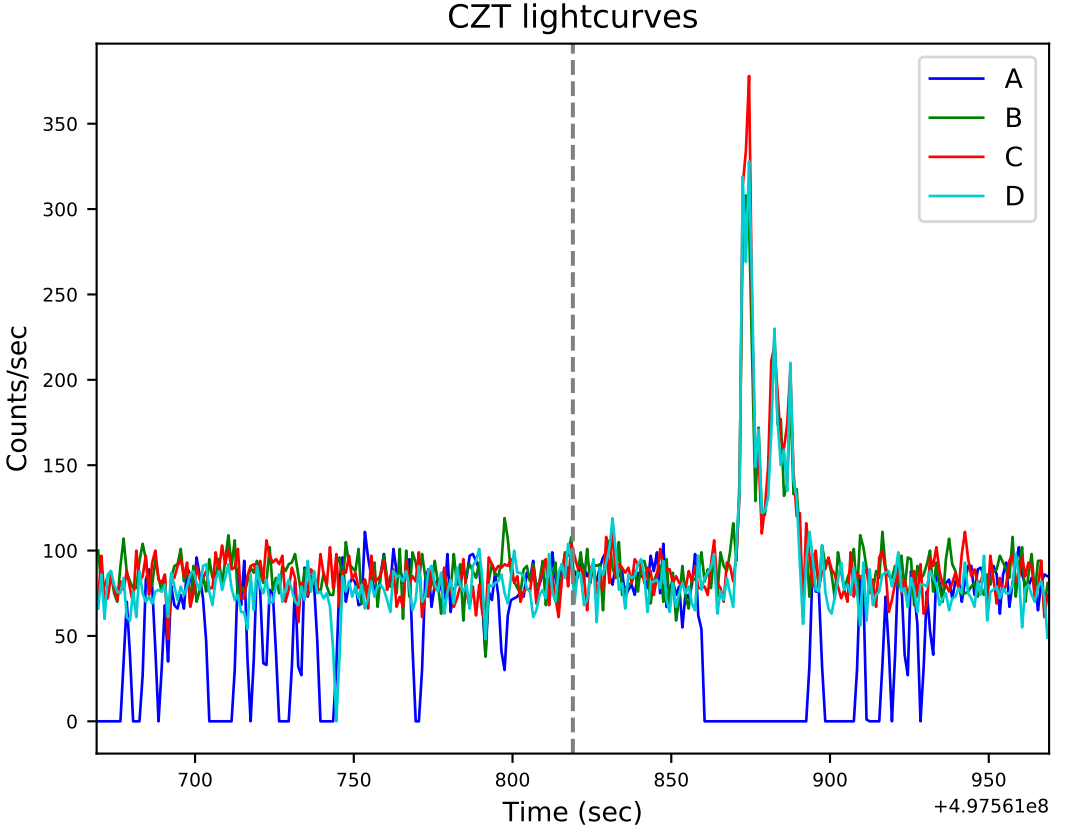
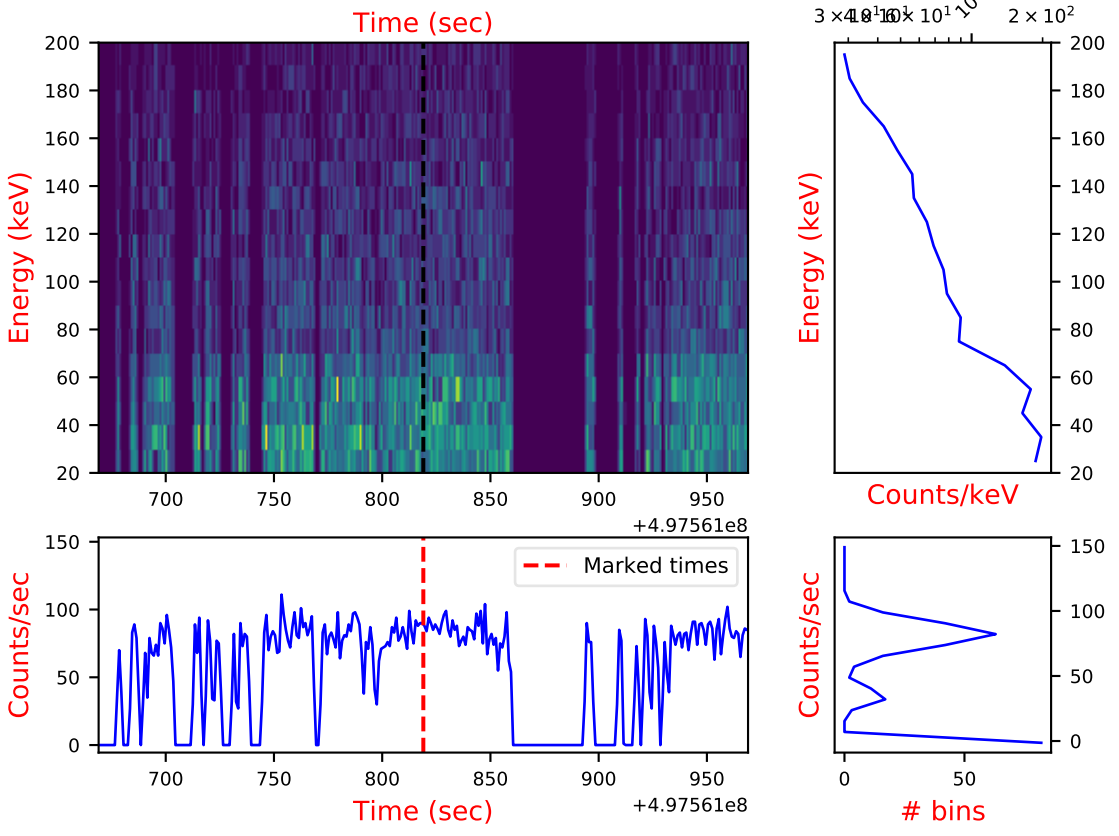
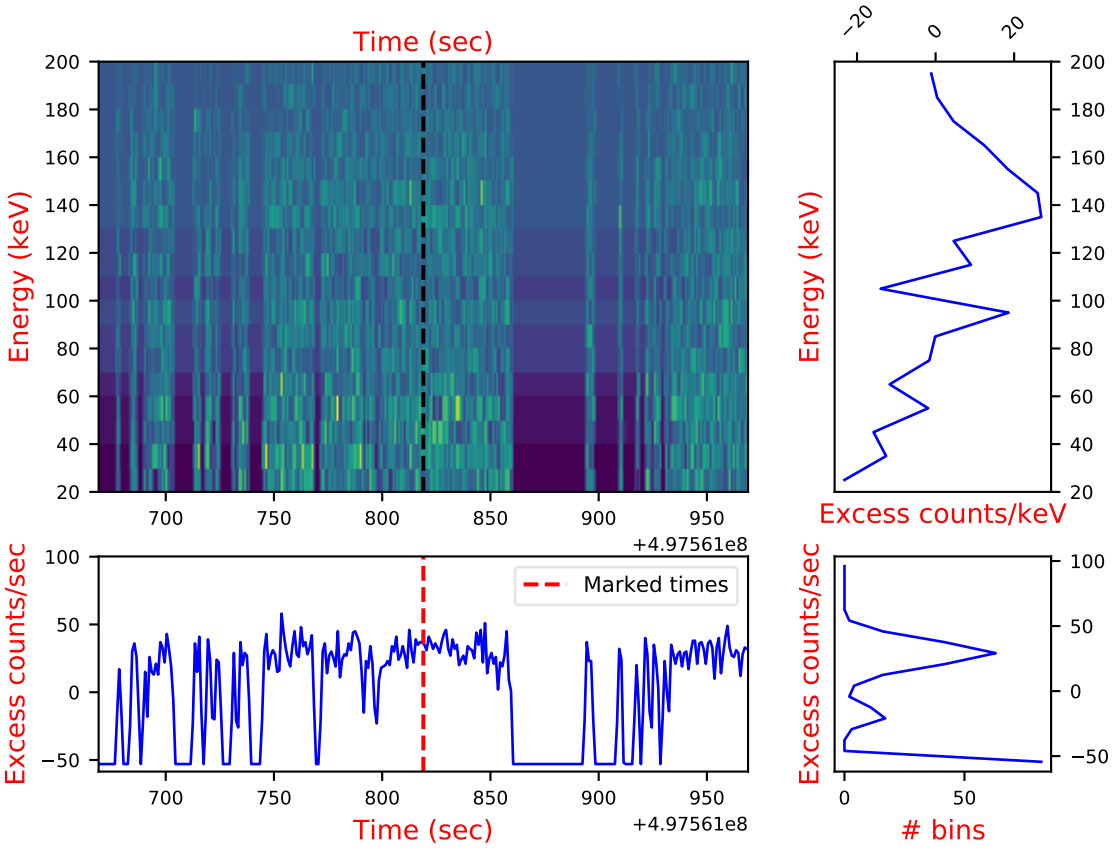
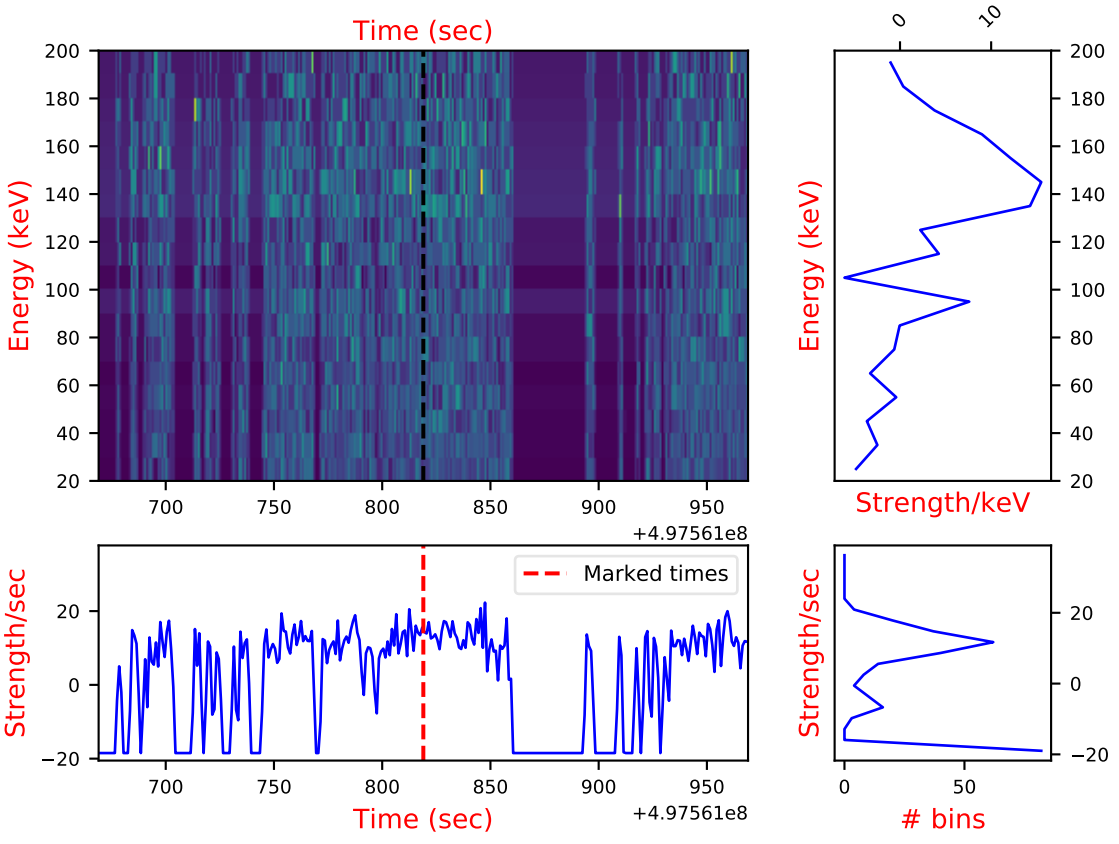
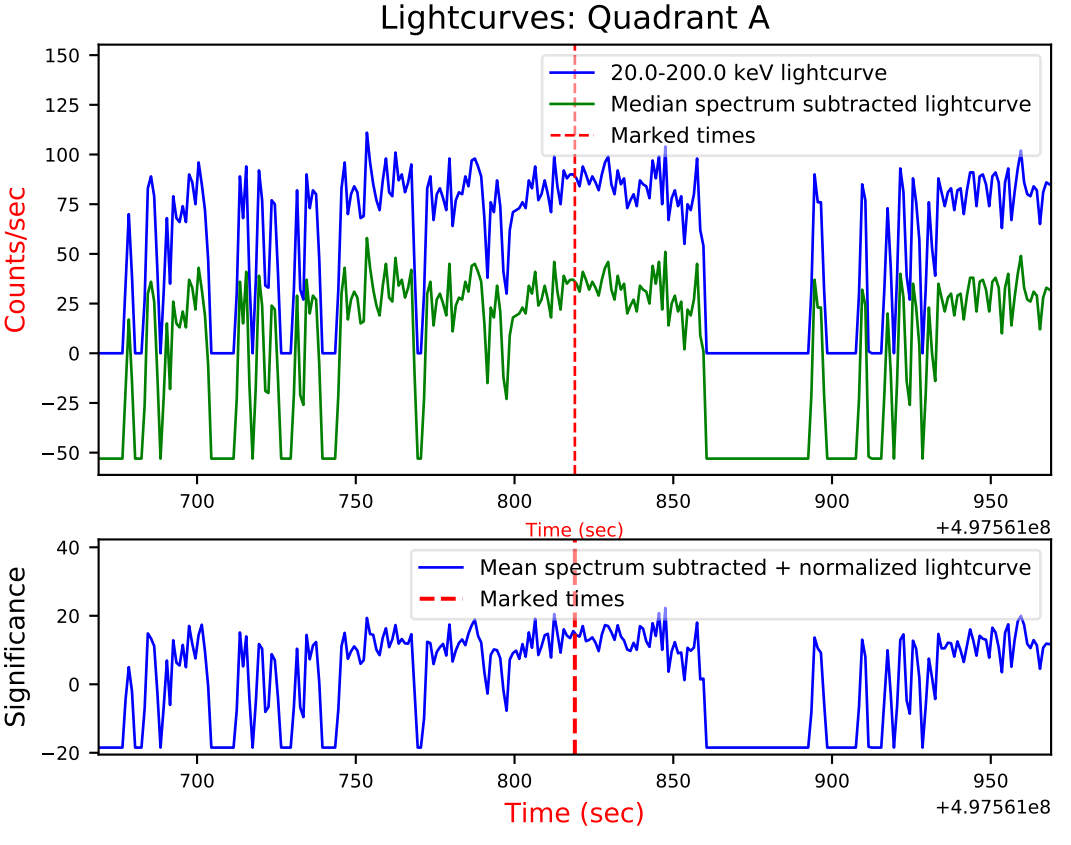
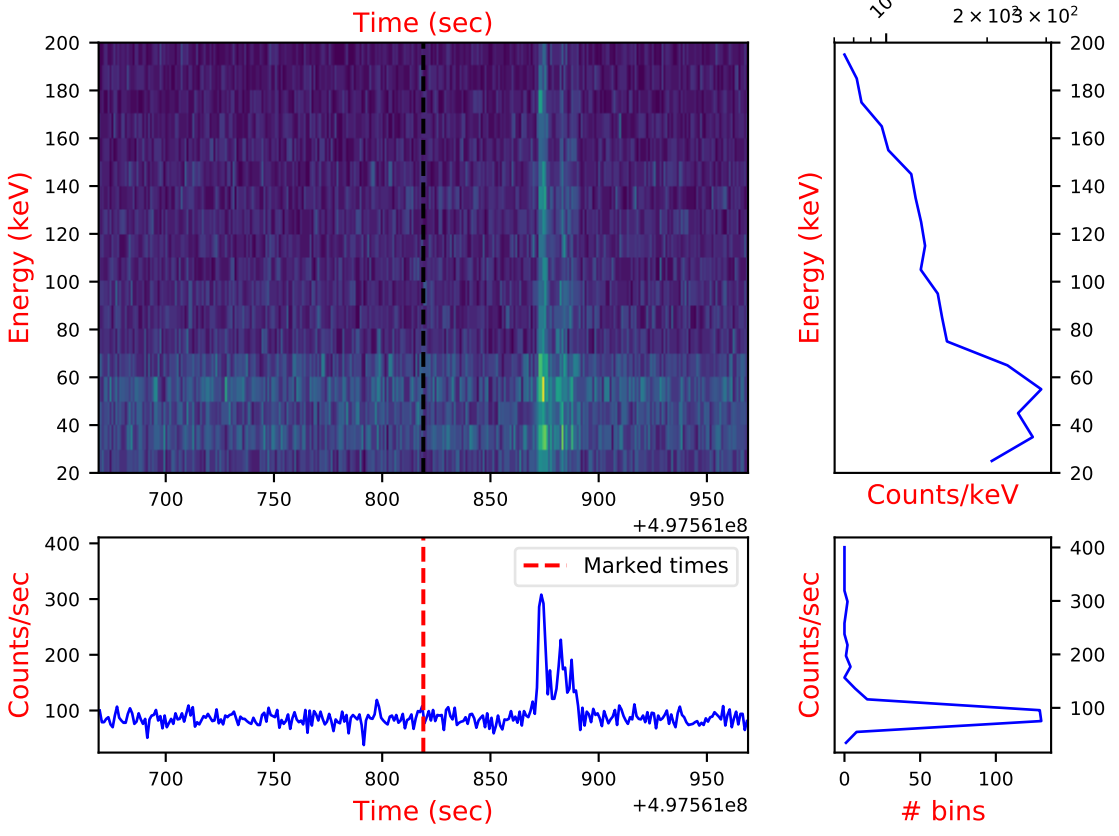

CZT lightcurves
A
B
C
D
Counts/sec
0
50
100
150
200
250
300
350
700
750
800
850
900
950
Time (sec)
+4.97561e8

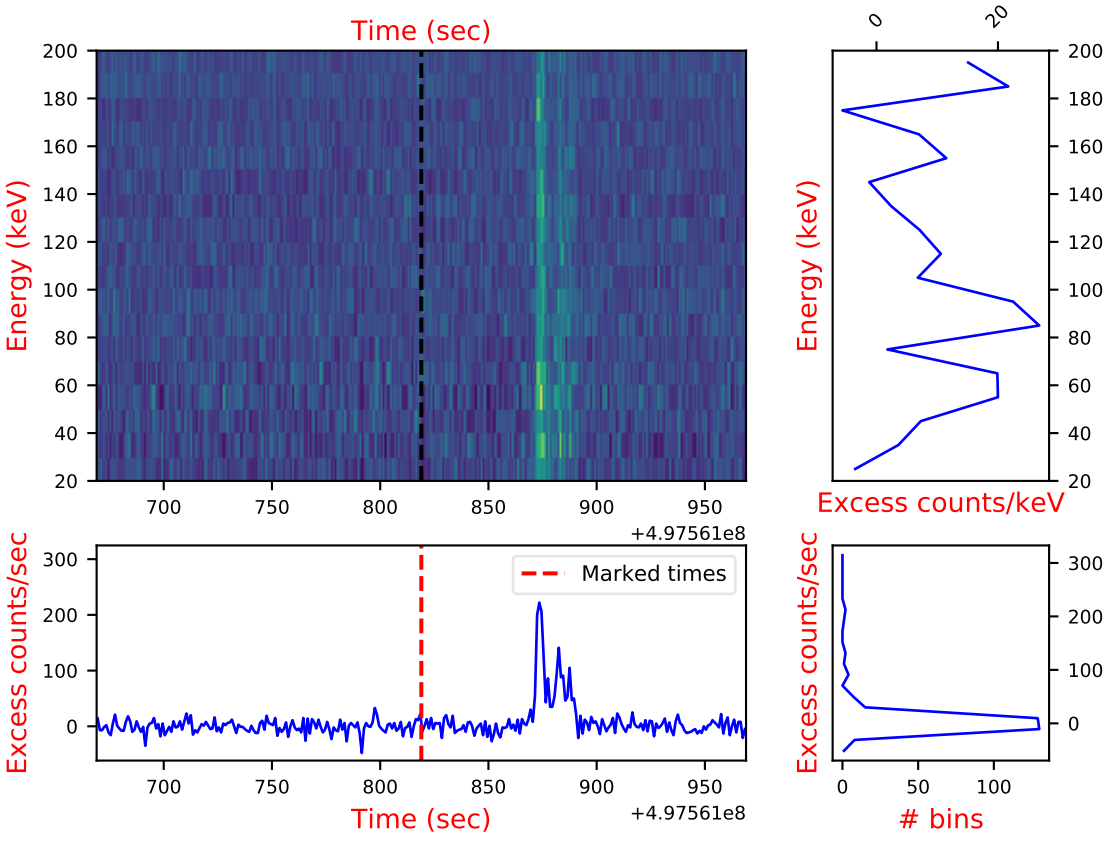

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
+4.97561e8

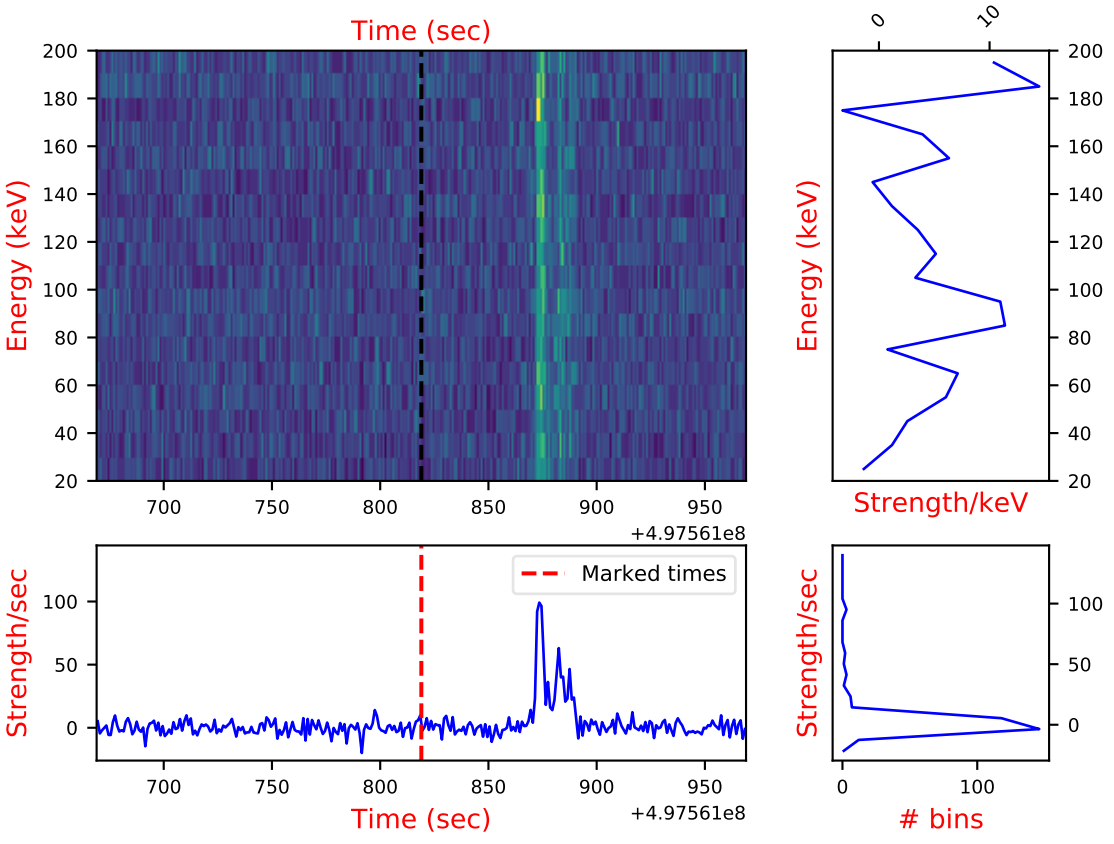

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
−20
0
20
Excess counts/keV
+4.97561e8
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins

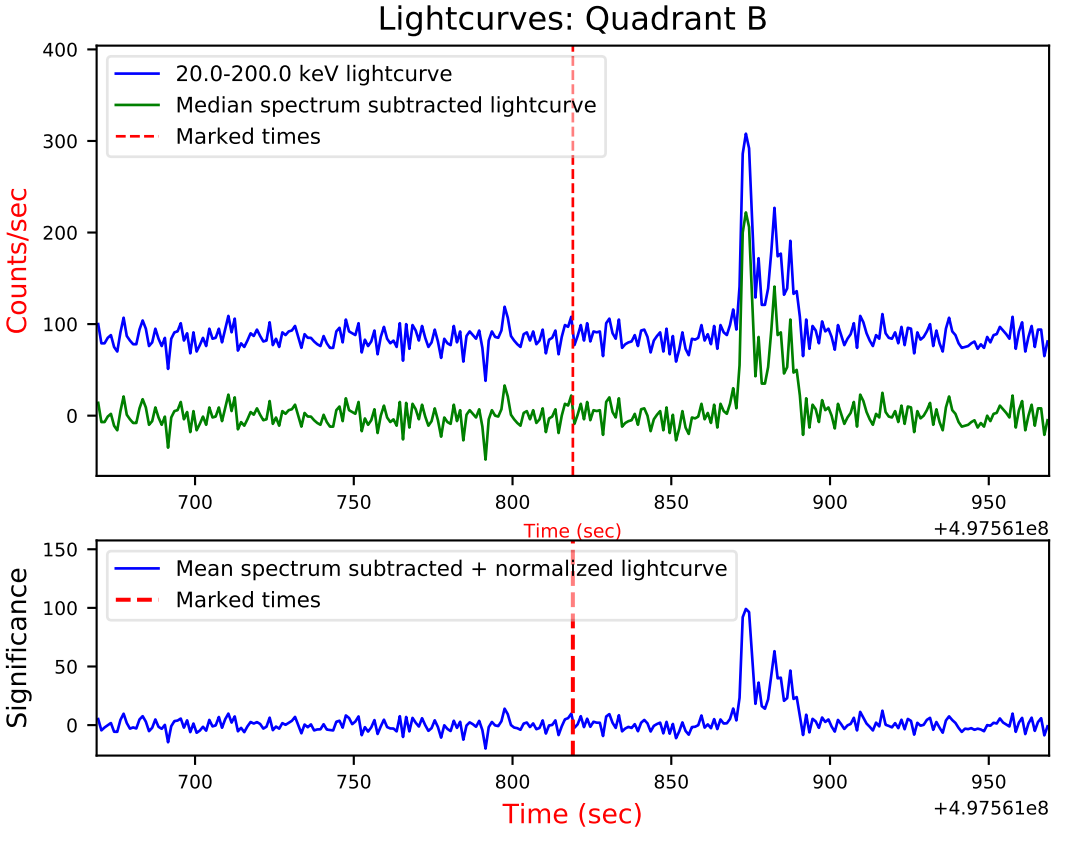

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.97561e8
0
10
Strength/keV
Strength/sec
Marked times
20
0
−20
Time (sec)
bins
50

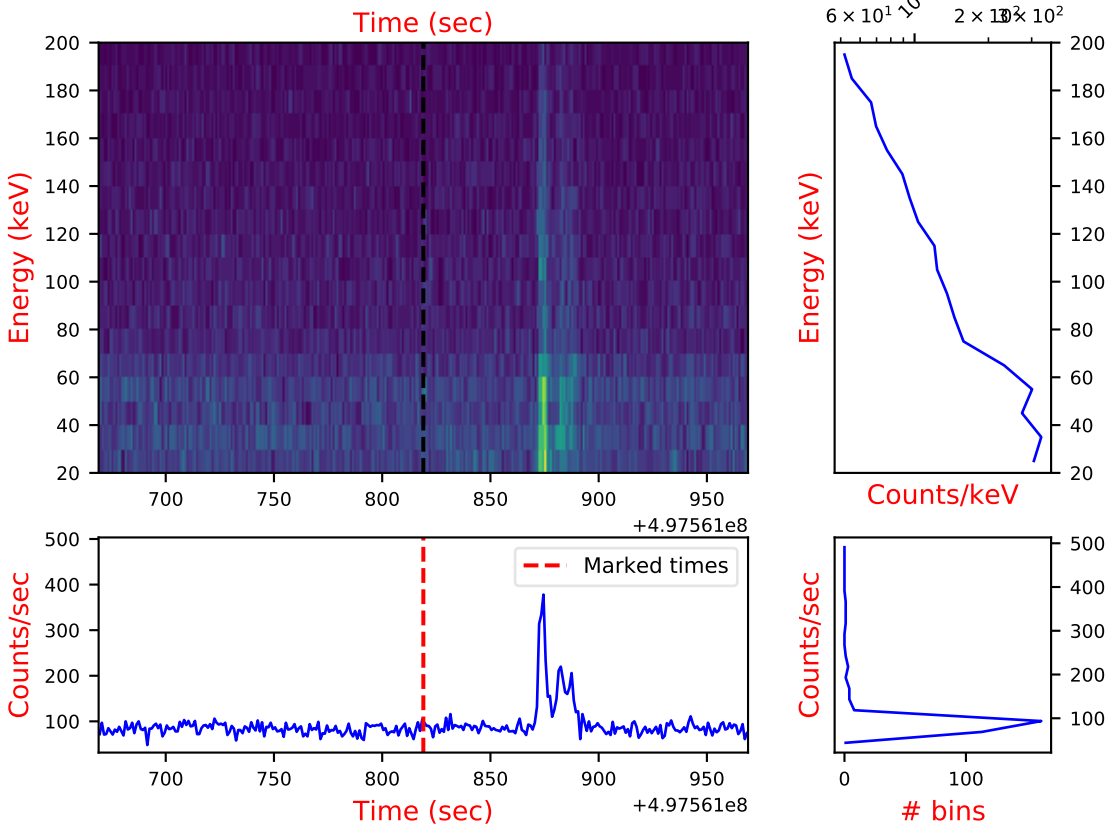

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
125
100
75
50
25
0
−25
−50
700
750
800
850
900
950
Time (sec)
+4.97561e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
700
750
800
850
900
950
Time (sec)
+4.97561e8

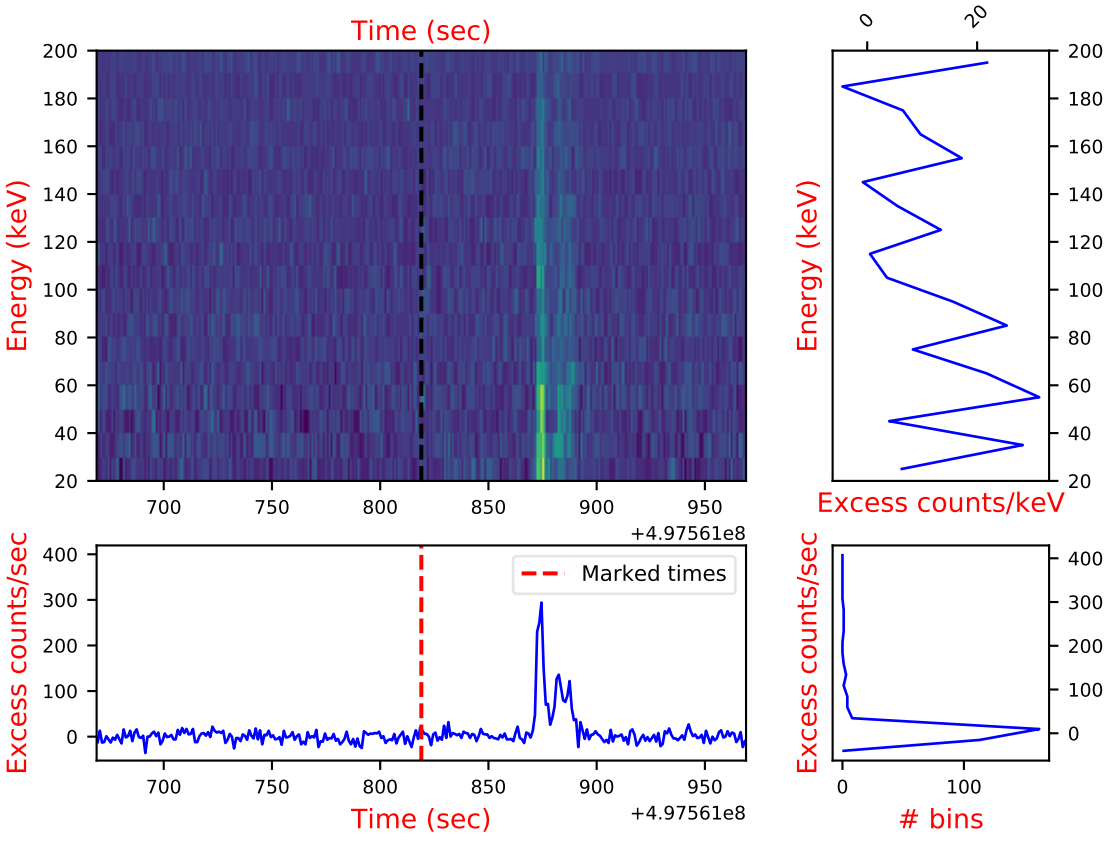

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.97561e8
bins

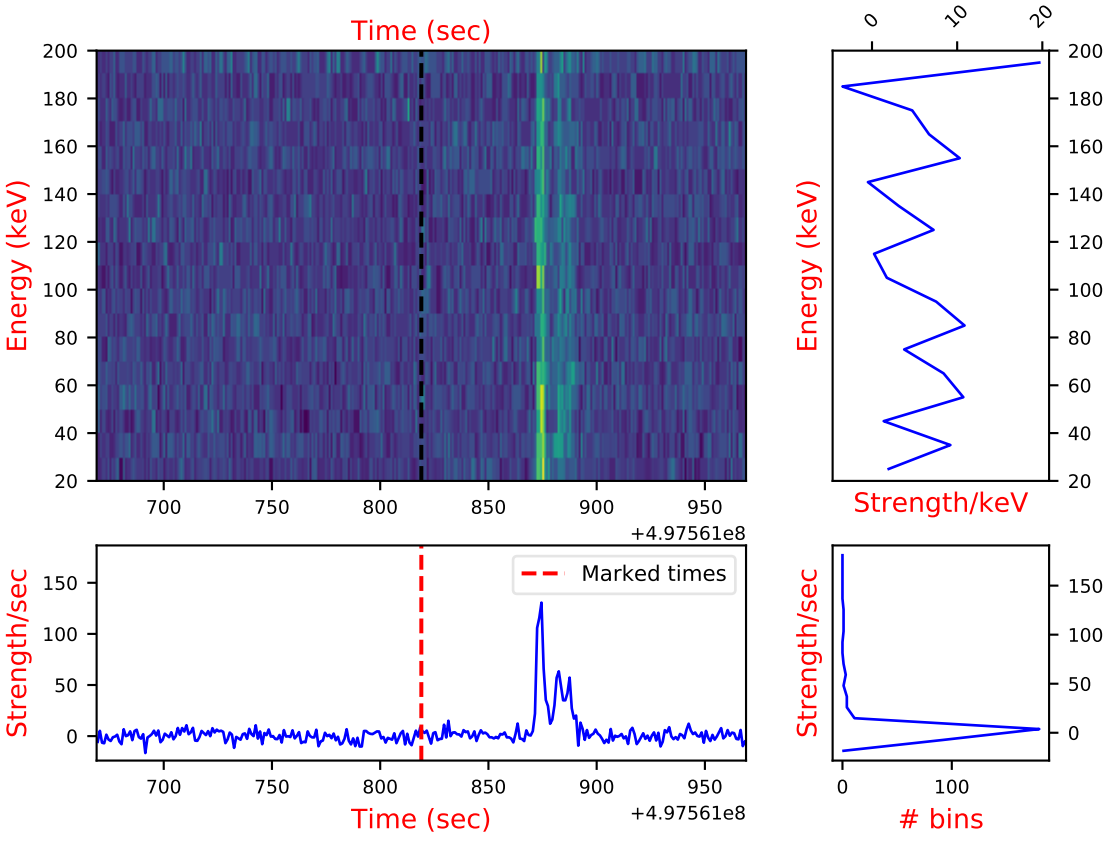

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
0
20
Excess counts/keV
+4.97561e8
Excess counts/sec
300
200
100
0
Marked times
Time (sec)
bins
50

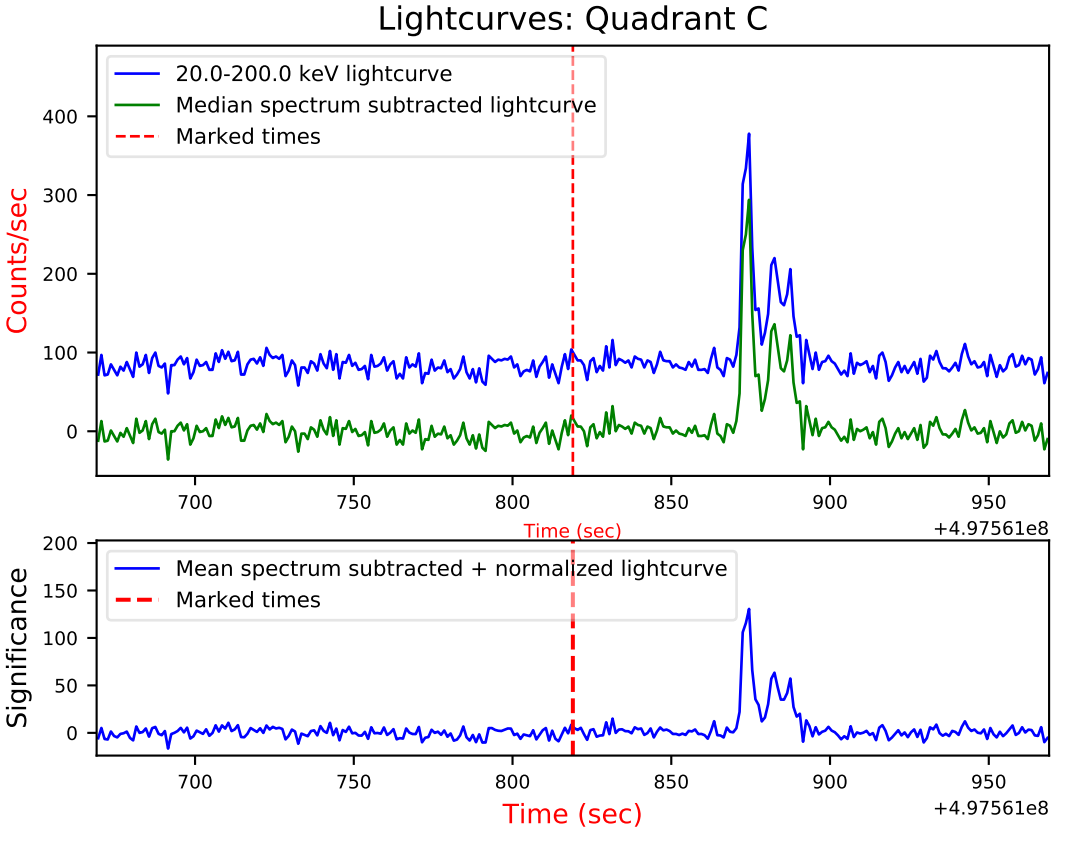

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.97561e8
0
10
Strength/keV
Strength/sec
Marked times
50
Time (sec)
bins
100

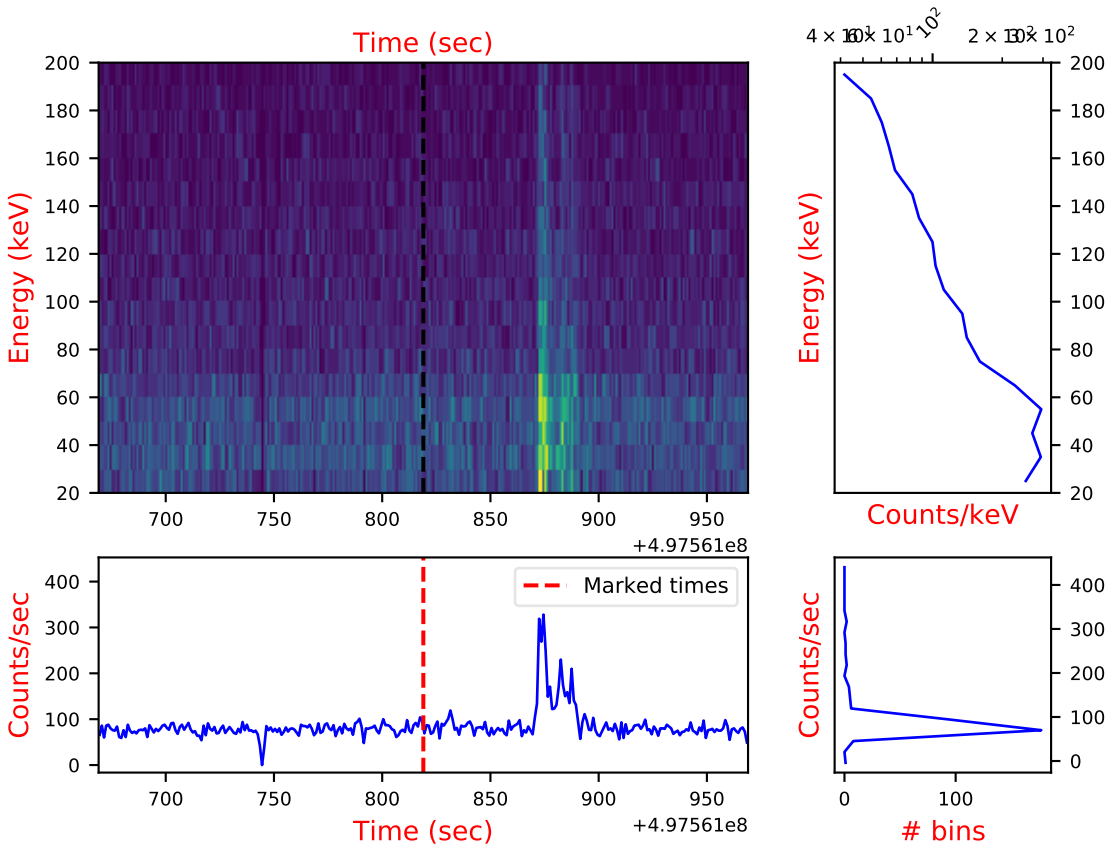

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
400
300
200
100
0
700
750
800
850
900
950
Time (sec)
+4.97561e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
150
100
50
0
700
750
800
850
900
950
Time (sec)
+4.97561e8

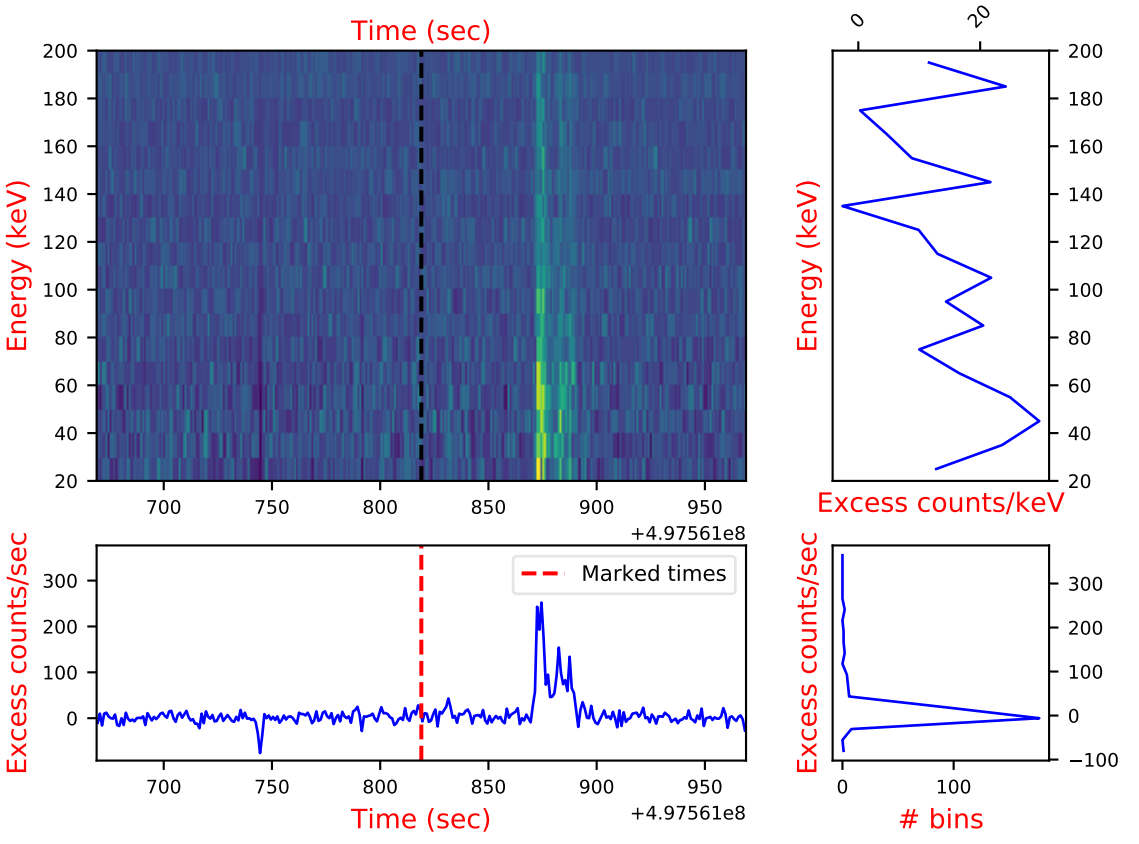

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.97561e8
Counts/sec
500
400
300
200
100
Marked times
Time (sec)
+4.97561e8
6×10^1
10^2
2×10^2
3×10^2
Energy (keV)
Counts/keV
Counts/sec
0
100
bins

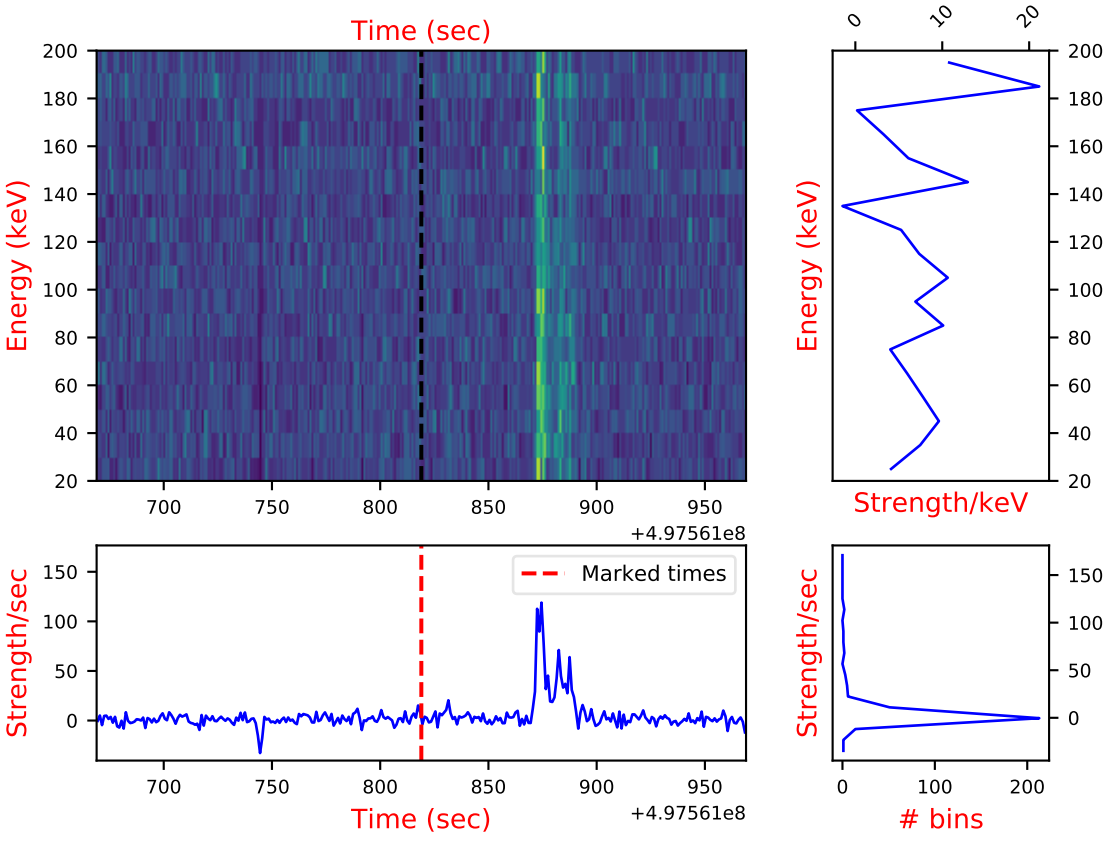

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.97561e8
0
20
Excess counts/keV
Excess counts/sec
400
300
200
100
0
Marked times
Time (sec)
bins

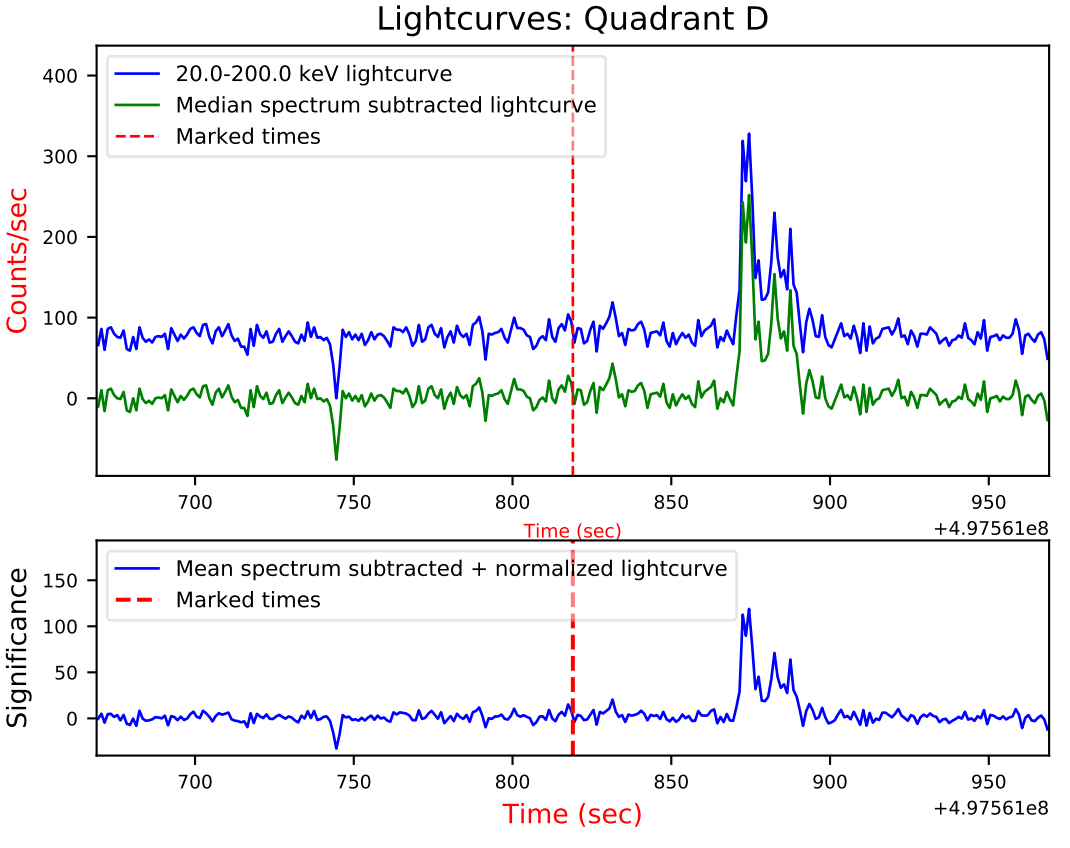

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.97561e8
0
10
20
Strength/keV
Strength/sec
Marked times
150
100
50
0
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
400
300
200
100
0
700
750
800
850
900
950
Time (sec)
+4.97561e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
150
100
50
0
700
750
800
850
900
950
Time (sec)
+4.97561e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.97561e8
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
0
20
Excess counts/keV
+4.97561e8
Excess counts/sec
300
200
100
0
Marked times
Time (sec)
−100
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
700
750
800
850
900
950
+4.97561e8
0
10
20
Strength/keV
Strength/sec
150
100
50
0
Marked times
Time (sec)
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
400
300
200
100
0
700
750
800
850
900
950
Time (sec)
+4.97561e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
150
100
50
0
700
750
800
850
900
950
Time (sec)
+4.97561e8