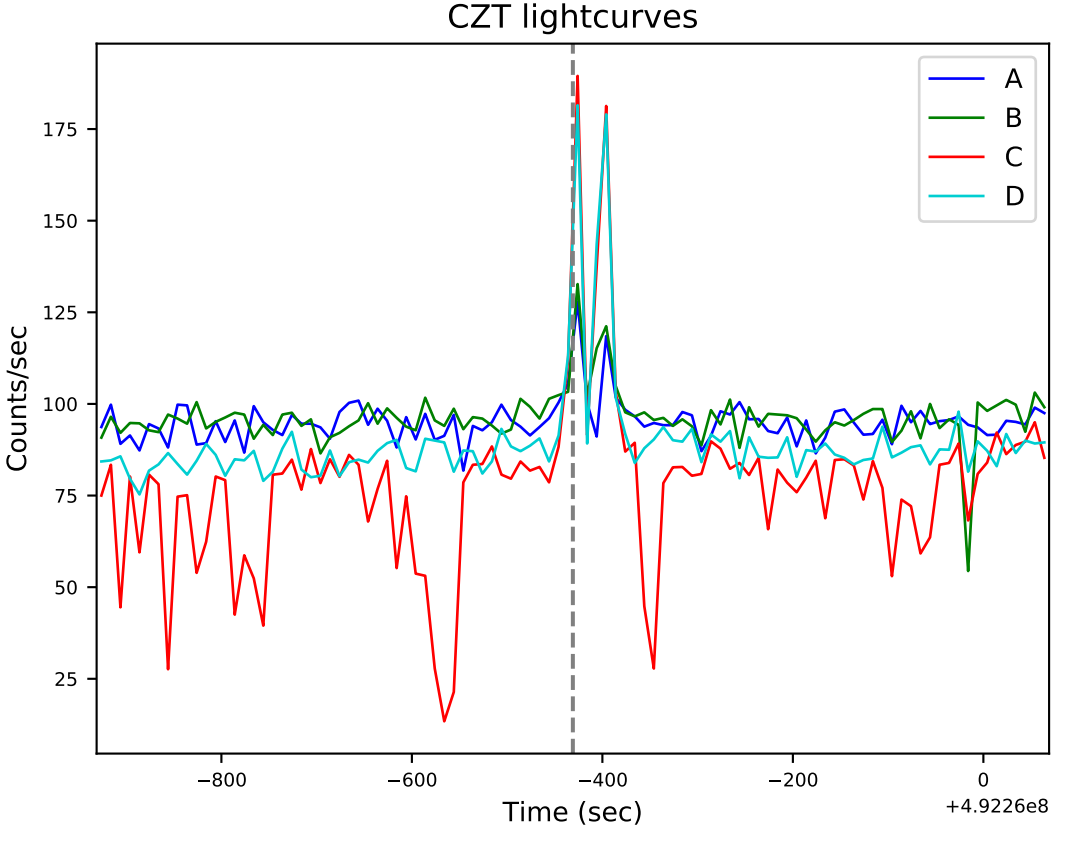
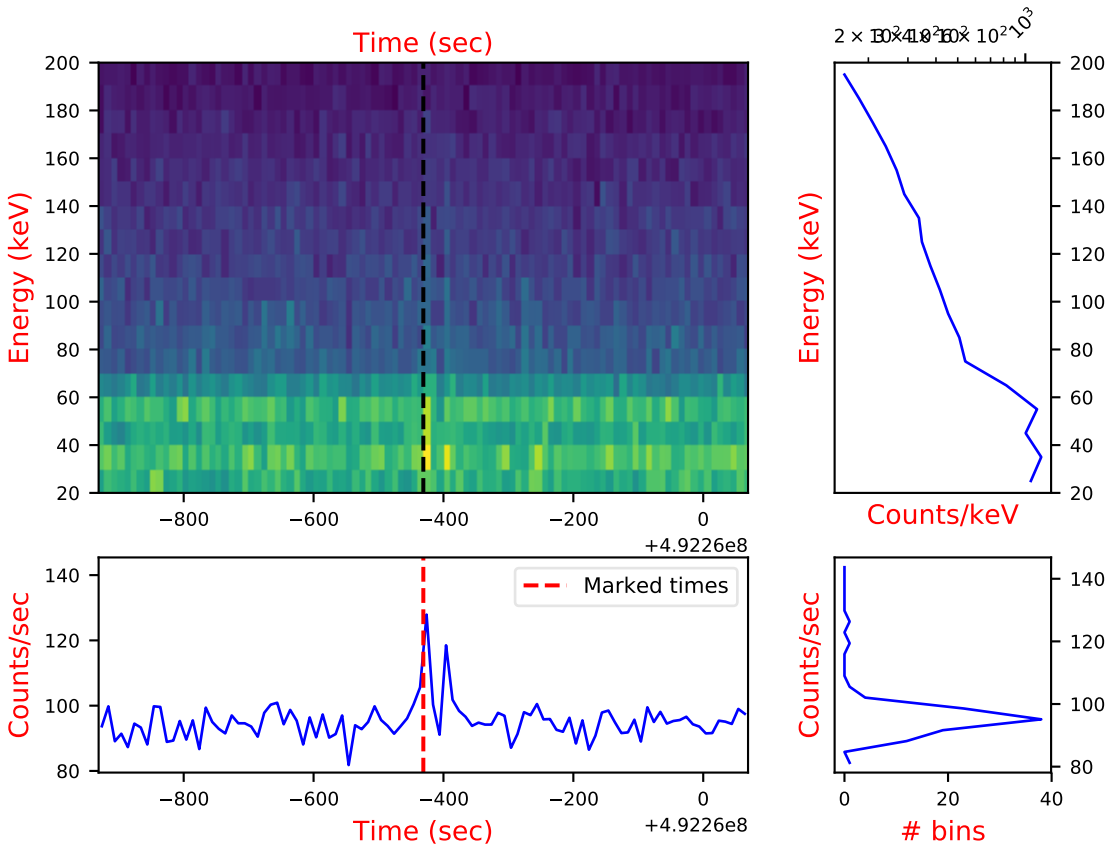
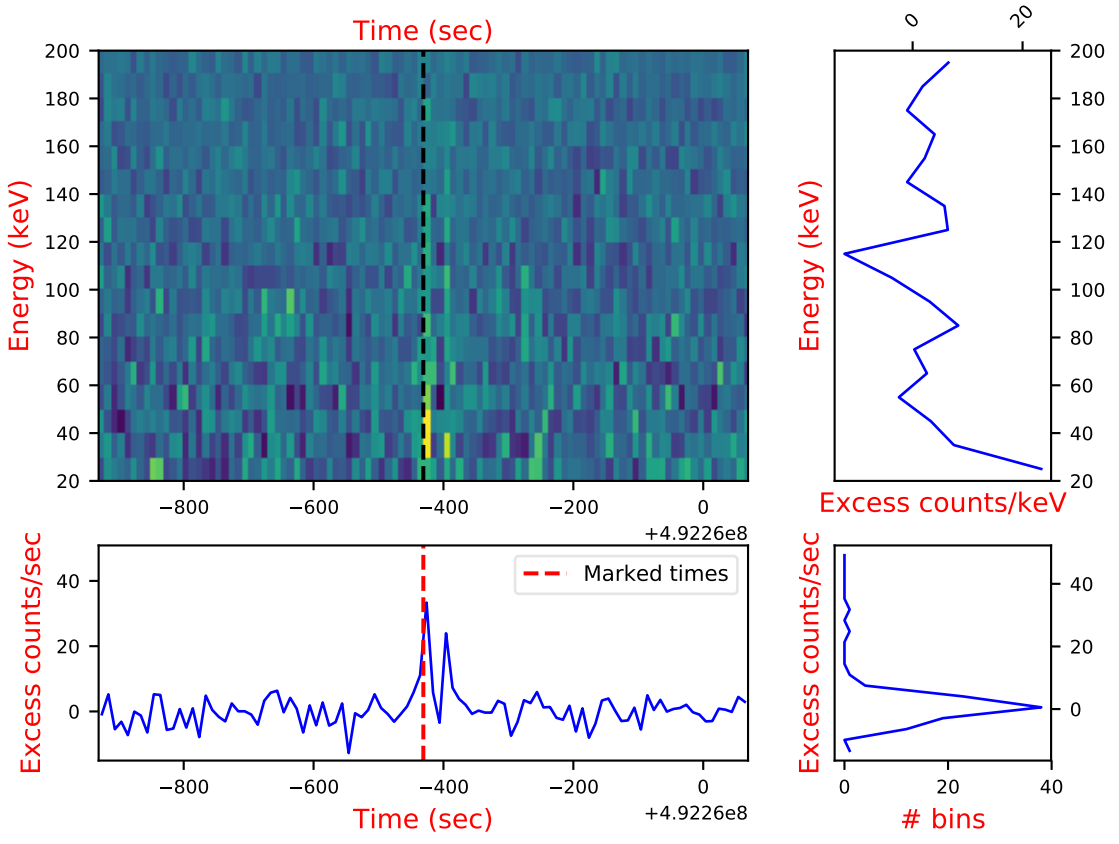
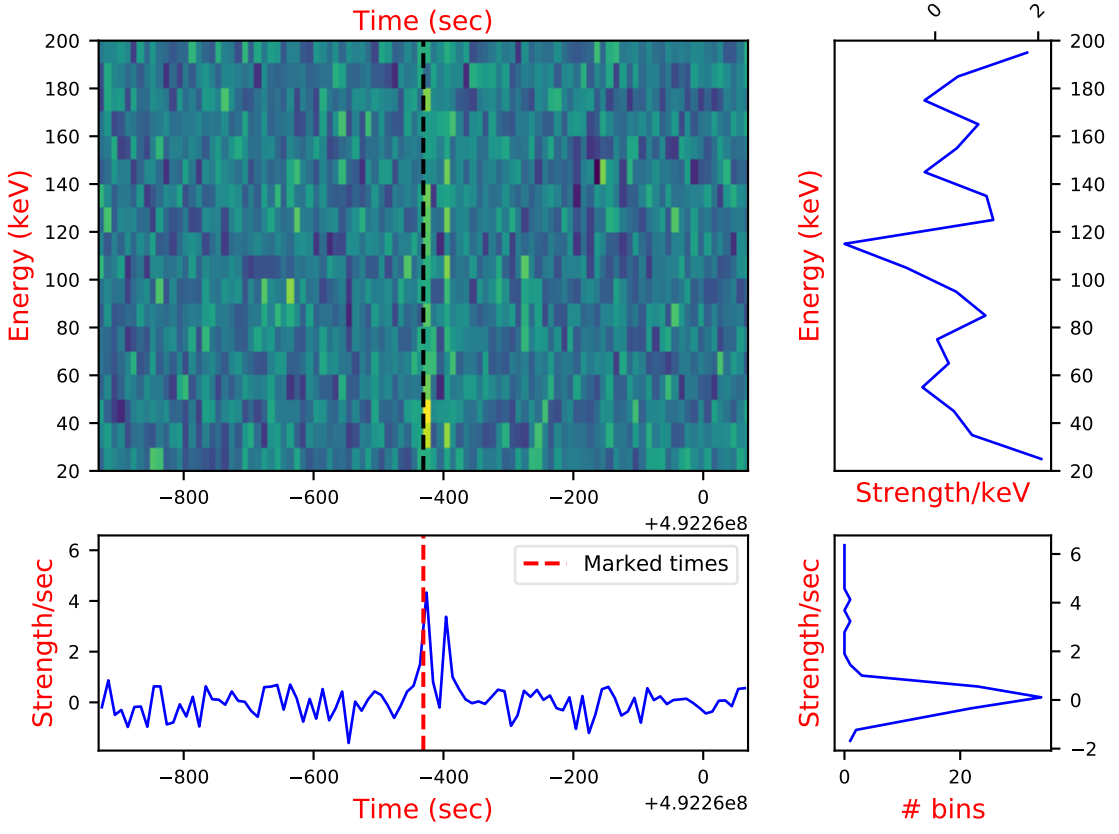
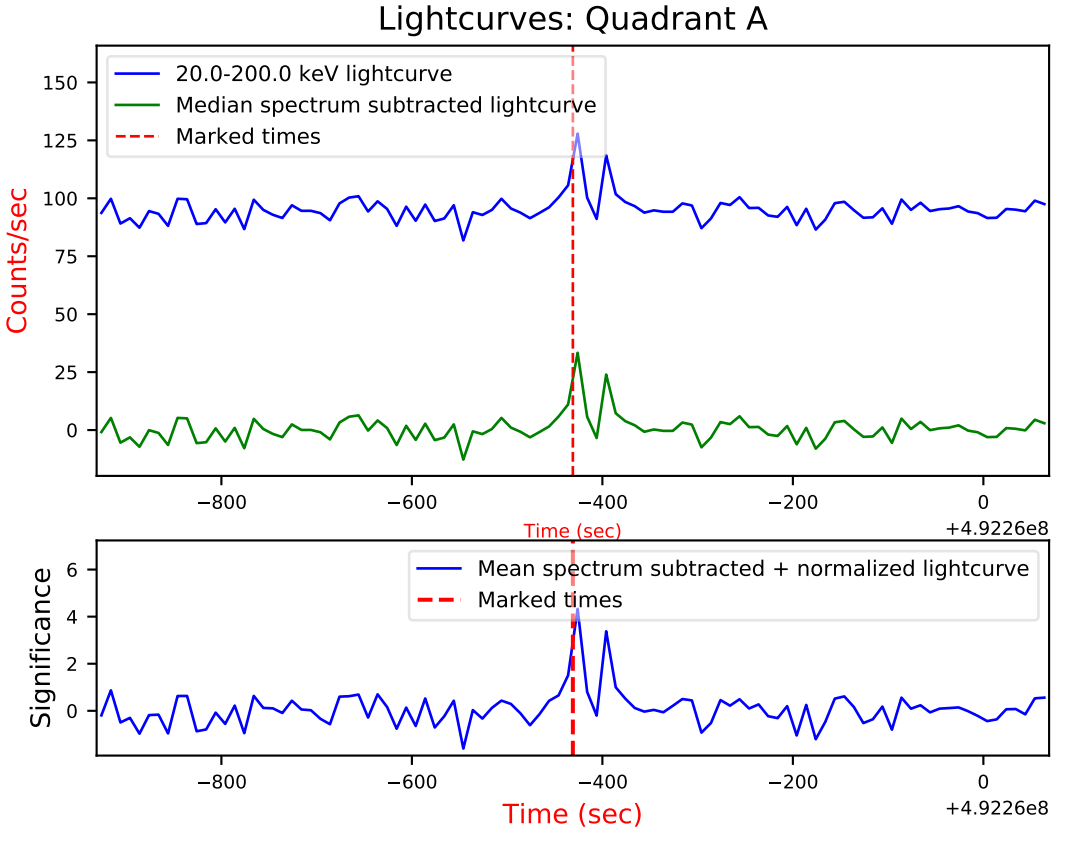

CZT lightcurves
A
B
C
D
Counts/sec
175
150
125
100
75
50
25
−800
−600
−400
−200
0
Time (sec)
+4.9226e8

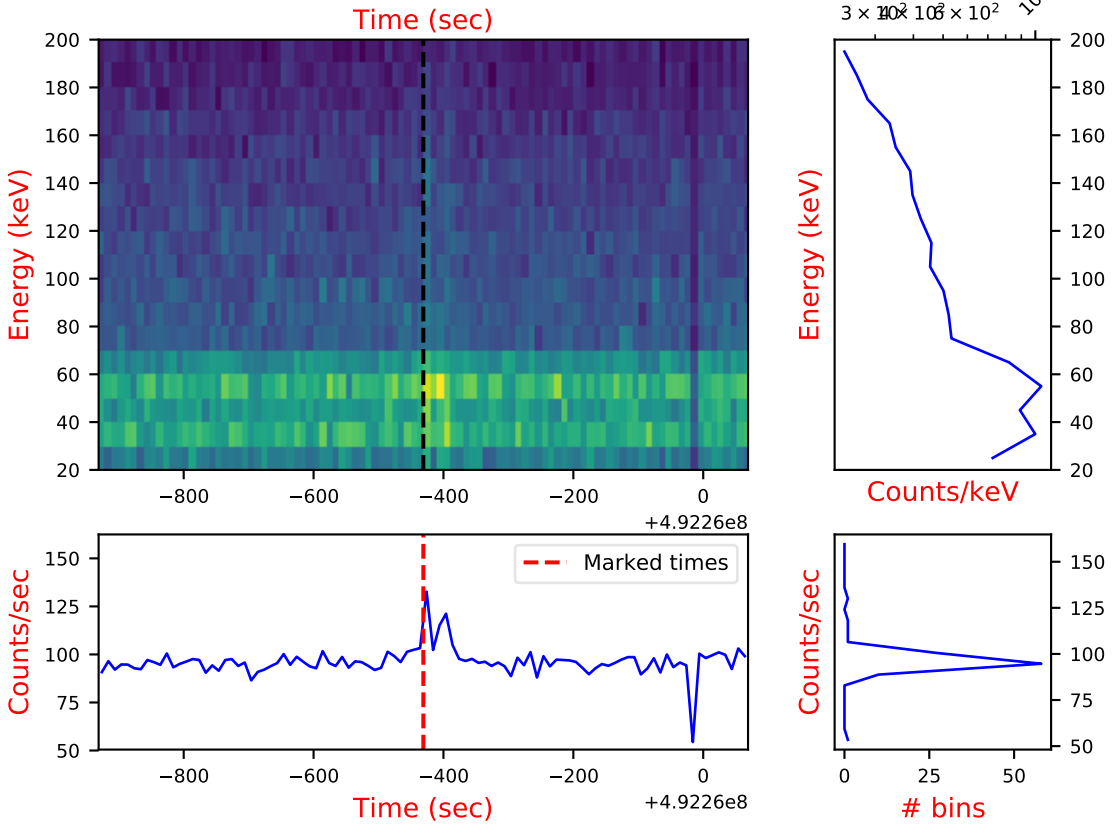


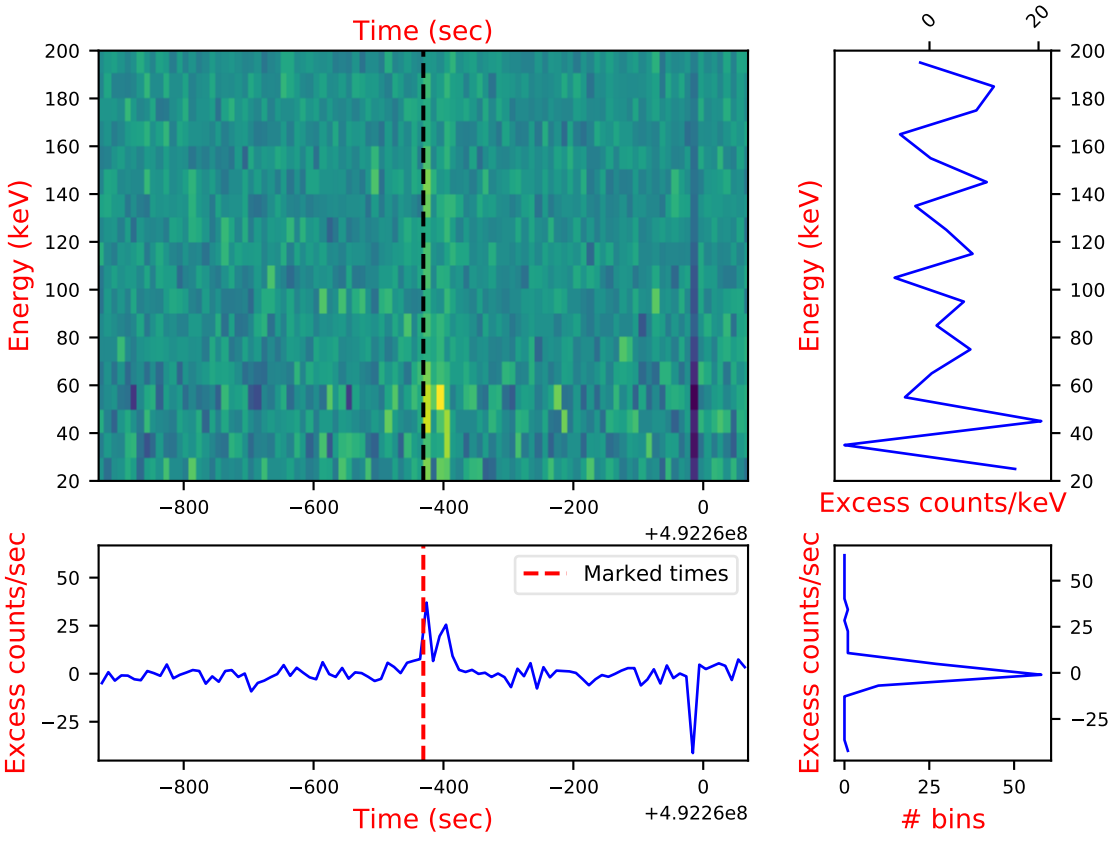
CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.9226e8
# bins

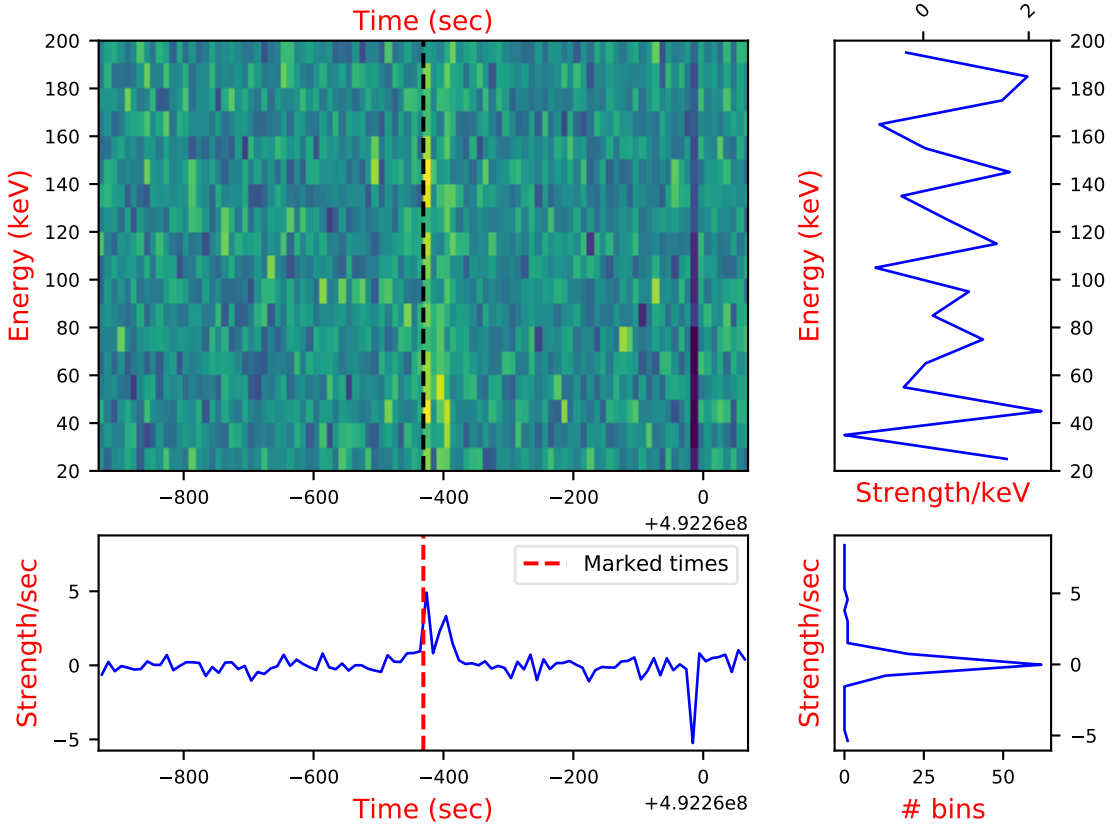

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
0
20
Excess counts/keV
+4.9226e8
Marked times
Excess counts/sec
40
20
0
Time (sec)
# bins

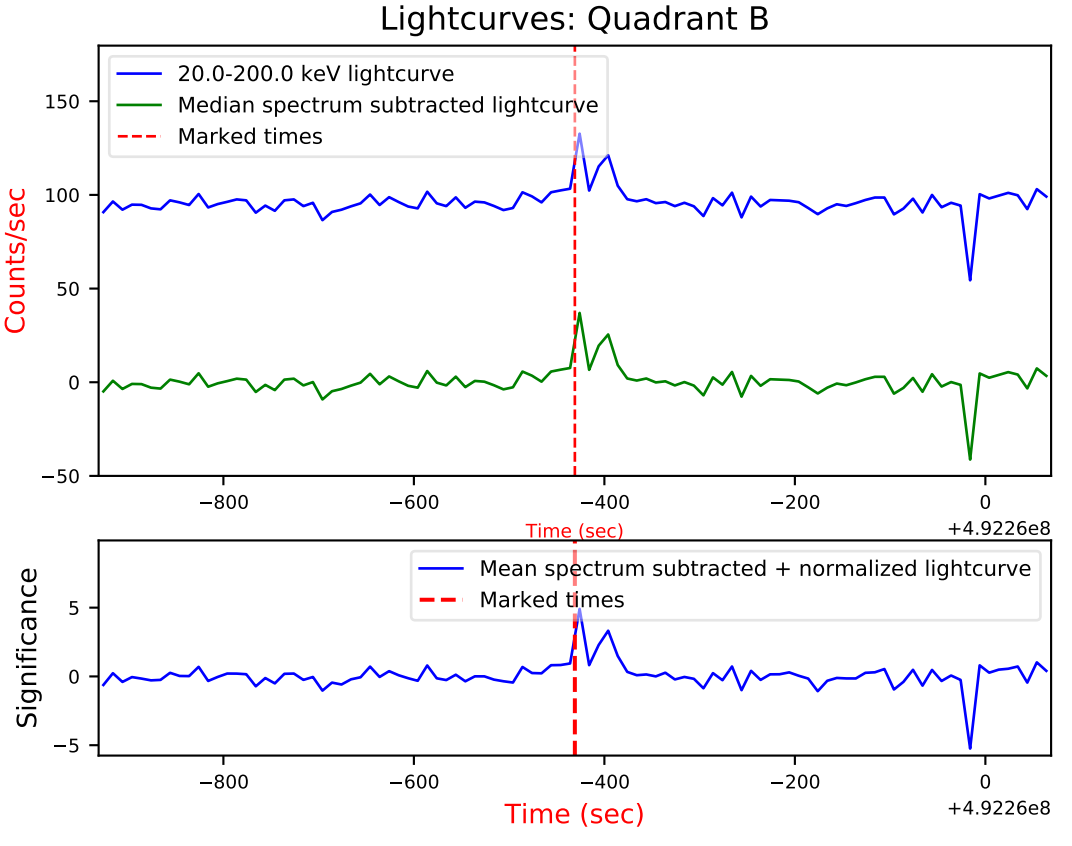

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
0
2
Strength/keV
Strength/sec
6
4
2
0
Marked times
Time (sec)
−2
0
20
# bins

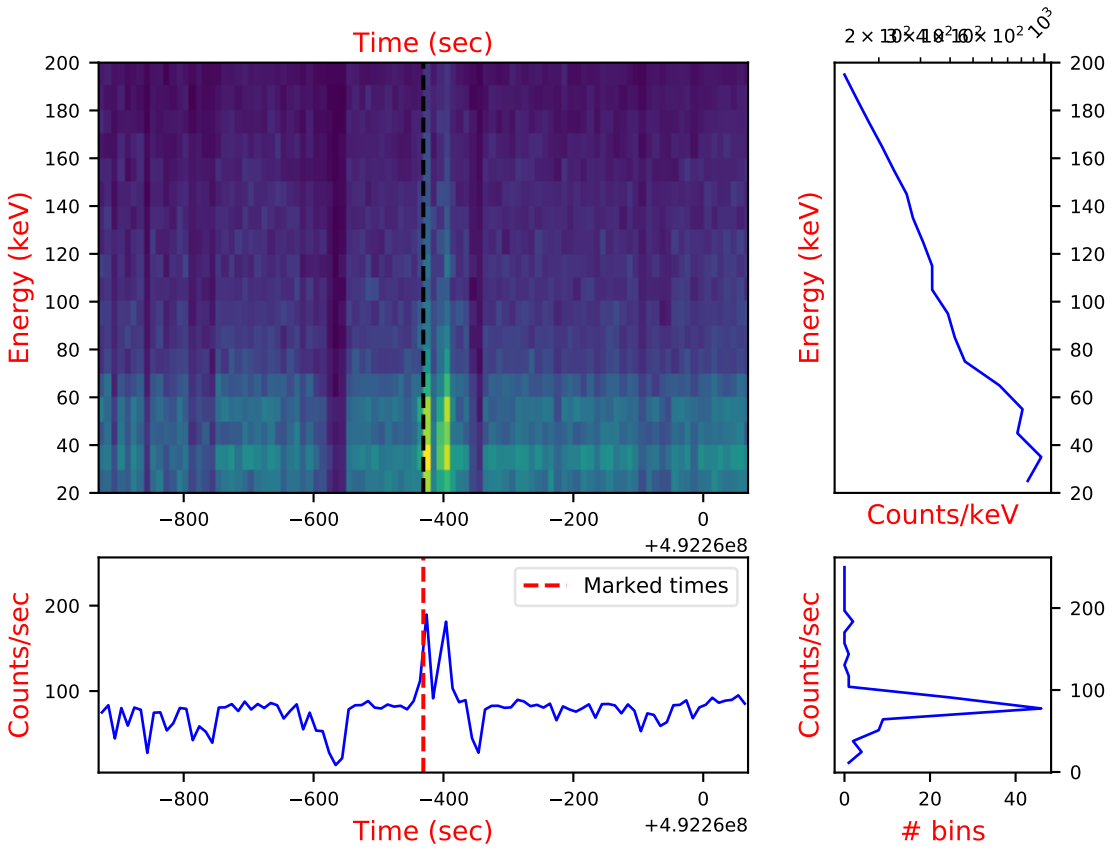

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
125
100
75
50
25
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
6
4
2
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8


CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
Counts/sec
150
125
100
75
50
Marked times
Time (sec)
+4.9226e8
Energy (keV)
Counts/keV
Counts/sec
0
25
50
# bins

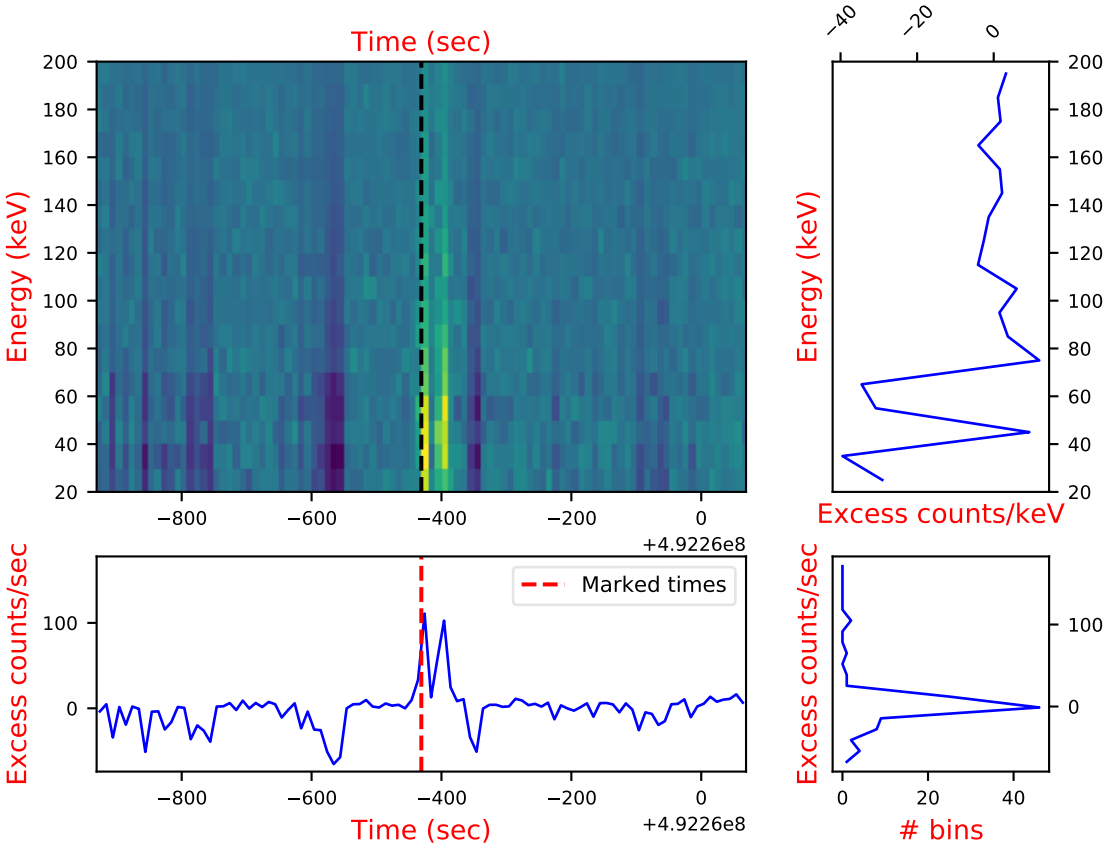

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
0
20
Excess counts/keV
Excess counts/sec
50
25
0
−25
Marked times
Time (sec)
# bins

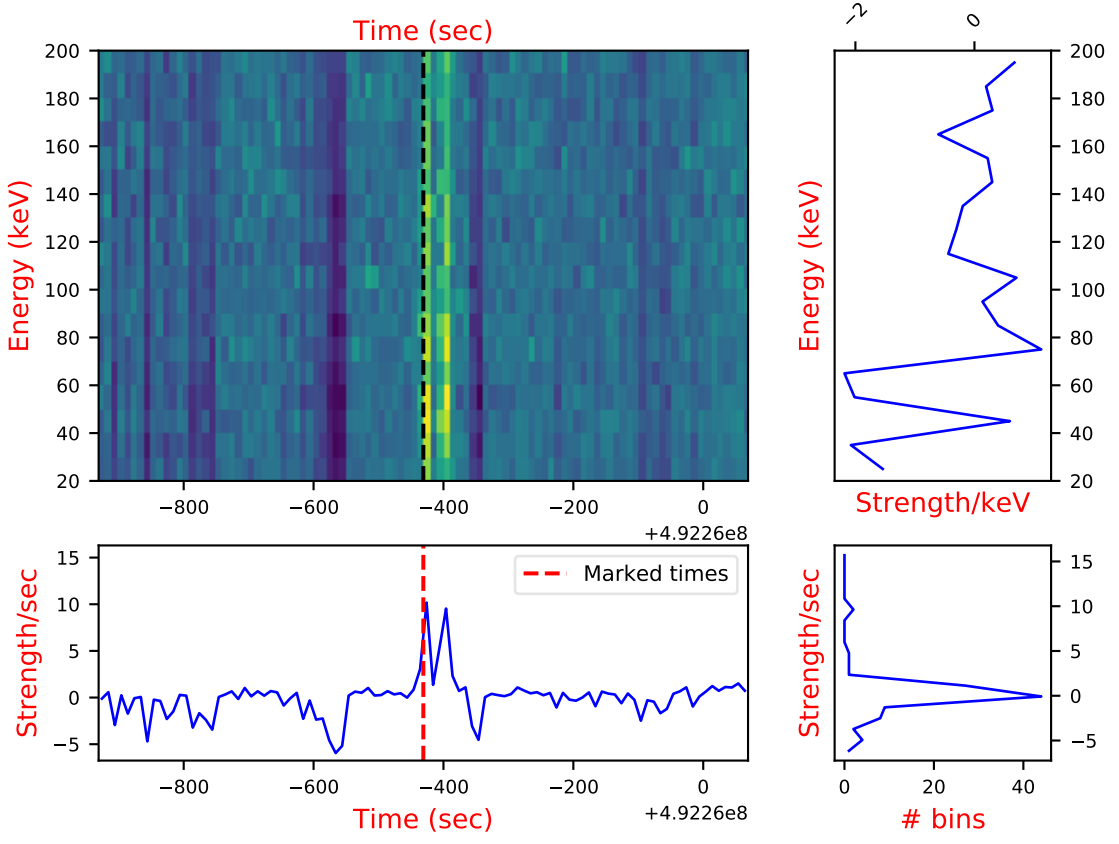

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
0
2
Strength/keV
Strength/sec
Marked times
5
0
−5
Time (sec)
+4.9226e8
25
50
# bins

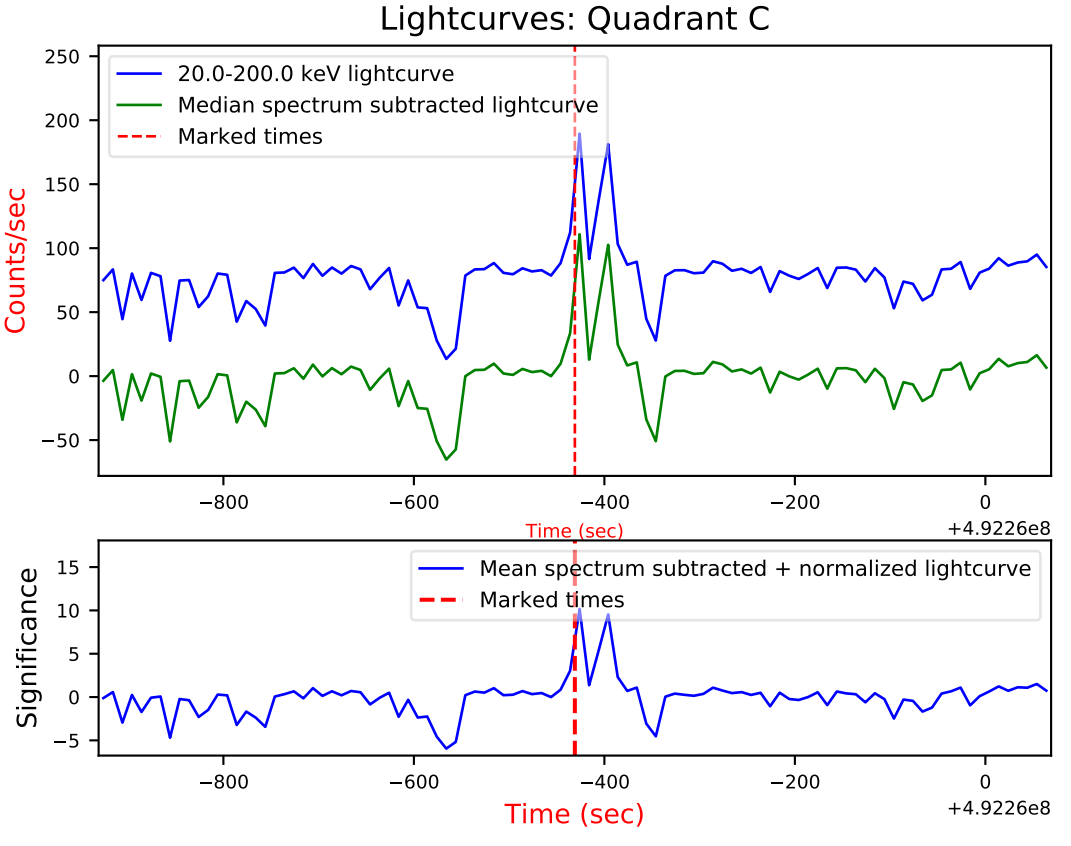

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
−50
−800
−600
−400
−200
0
+4.9226e8
Time (sec)
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
5
0
−5
−800
−600
−400
−200
0
+4.9226e8
Time (sec)

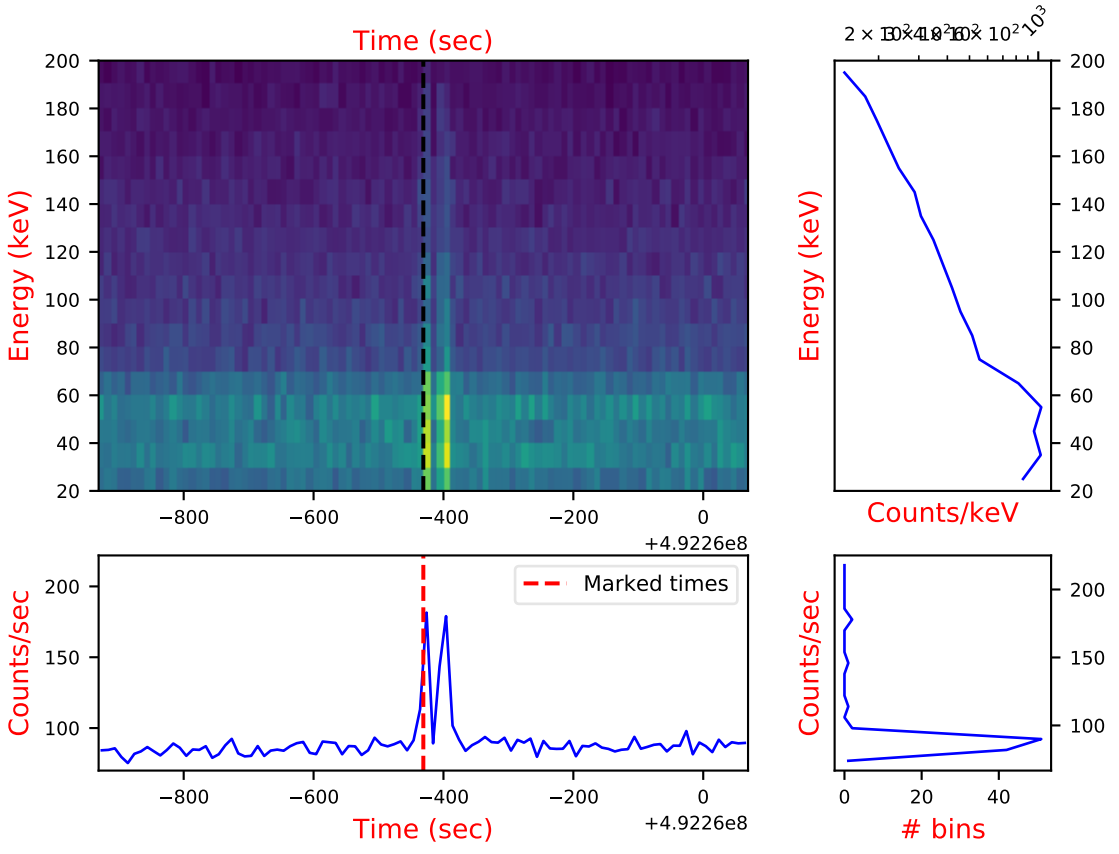


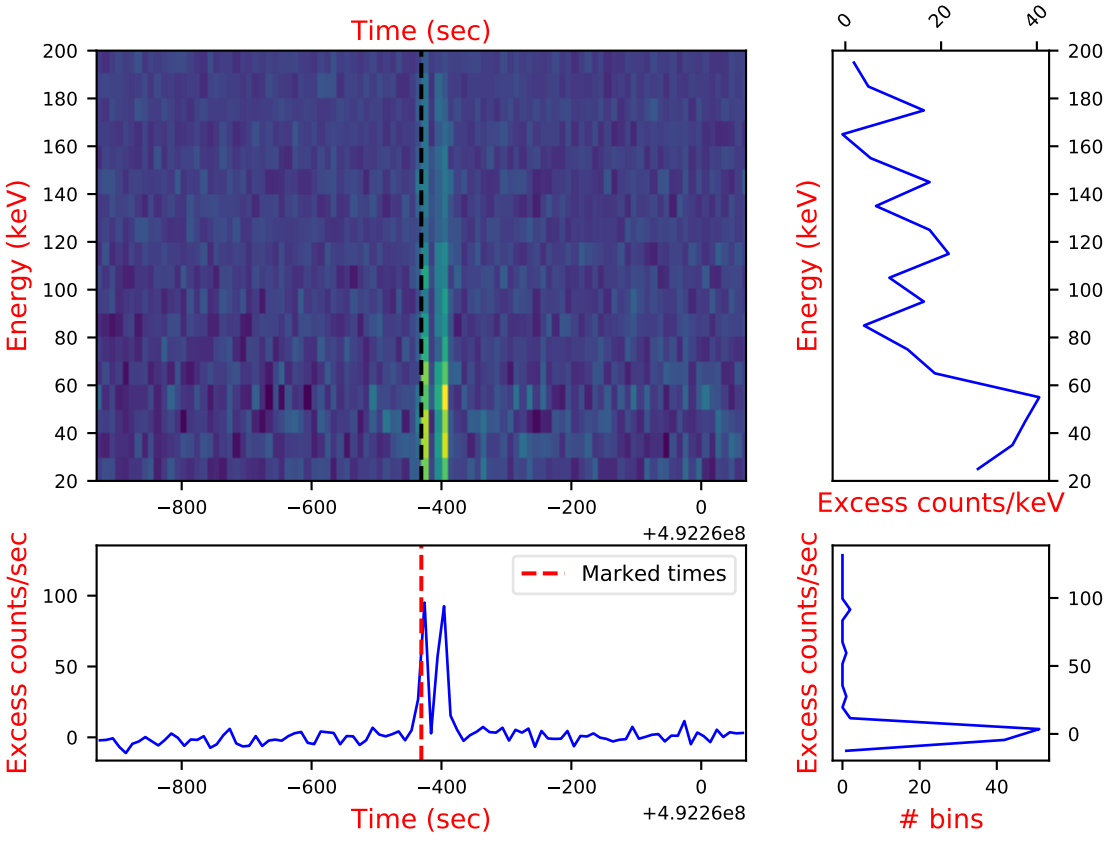
CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
Counts/keV
Counts/sec
Marked times
Time (sec)
# bins

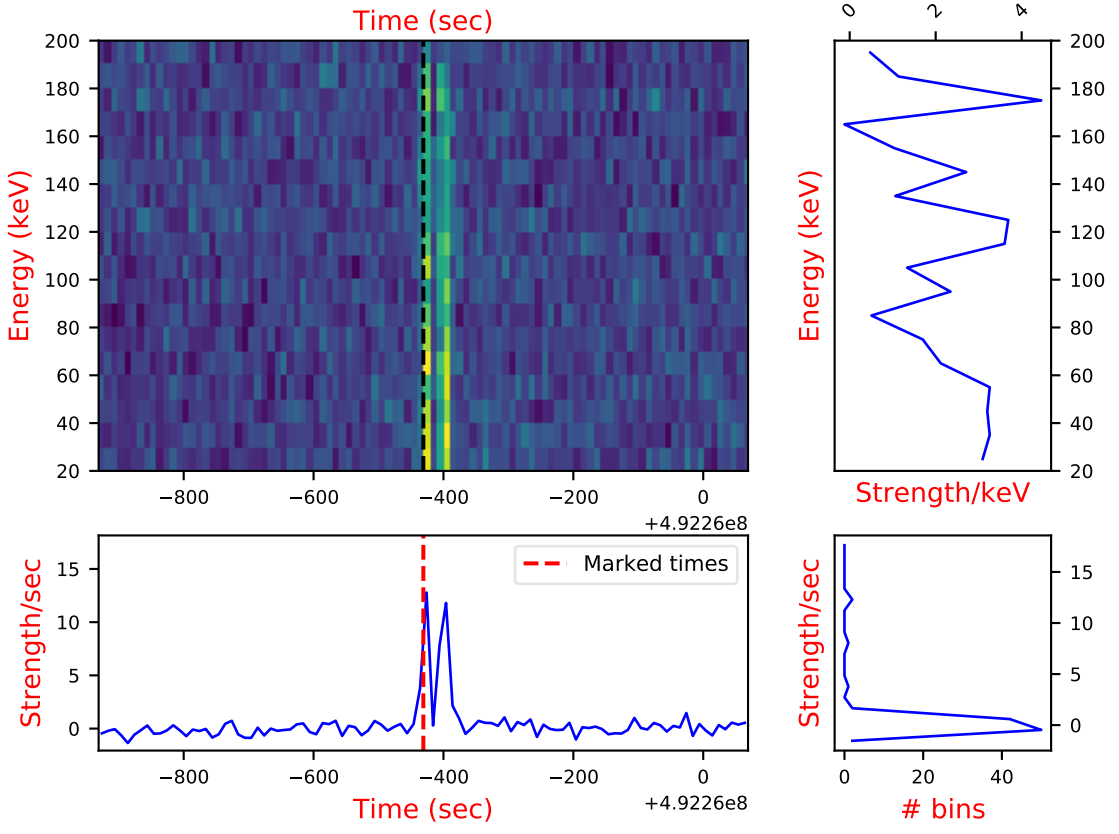

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
−40
−20
0
Excess counts/keV
+4.9226e8
Marked times
Excess counts/sec
100
0
Time (sec)
# bins
20
40

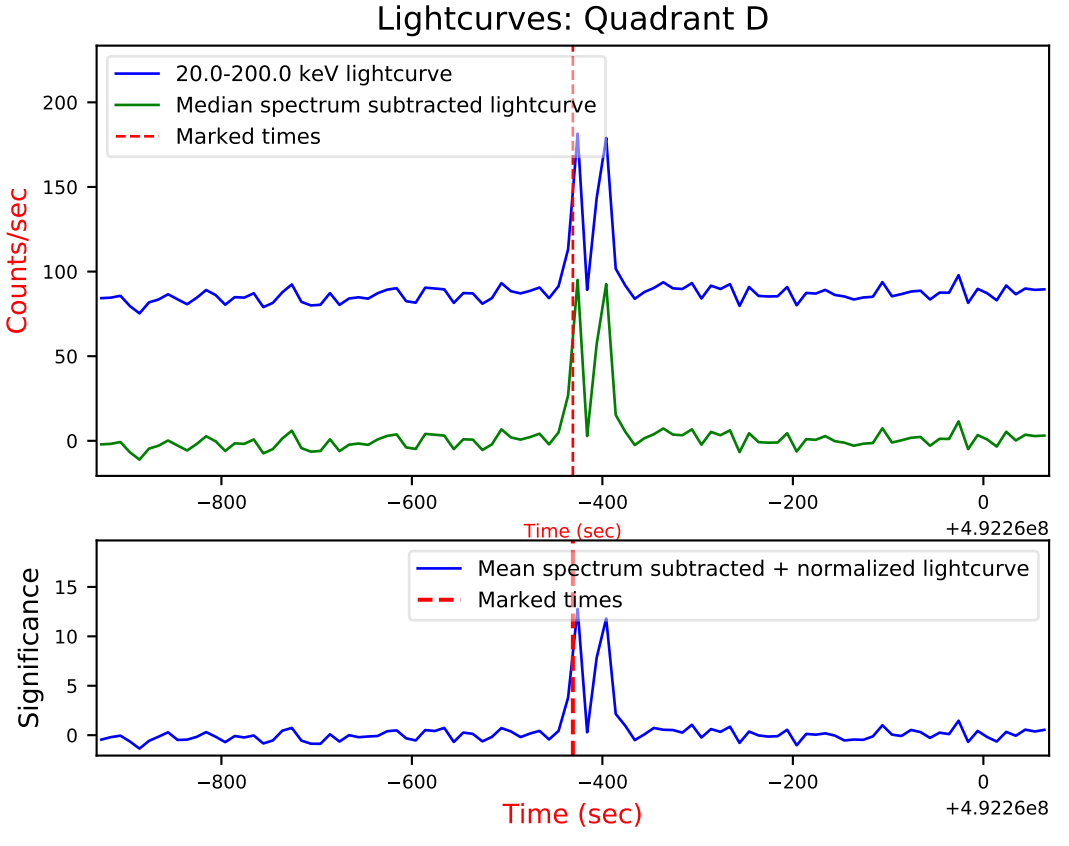

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
Strength/keV
−2
0
Strength/sec
15
10
5
0
−5
Marked times
Time (sec)
# bins
40


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
250
200
150
100
50
0
−50
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
15
10
5
0
−5
−800
−600
−400
−200
0
Time (sec)
+4.9226e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
Counts/sec
Marked times
Time (sec)
Counts/keV
# bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
0
20
40
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
Time (sec)
# bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
−800
−600
−400
−200
0
+4.9226e8
0
2
4
Strength/keV
Strength/sec
Marked times
15
10
5
0
Time (sec)
+4.9226e8
# bins
20
40


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
15
10
5
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8