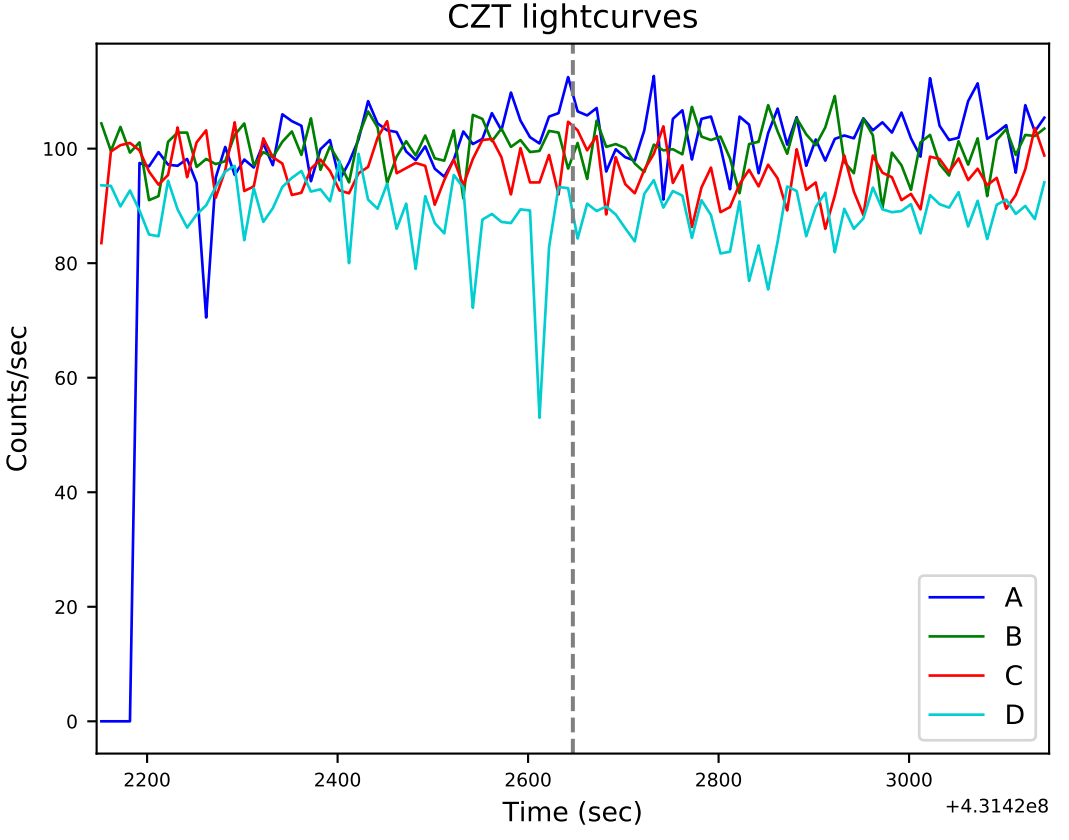
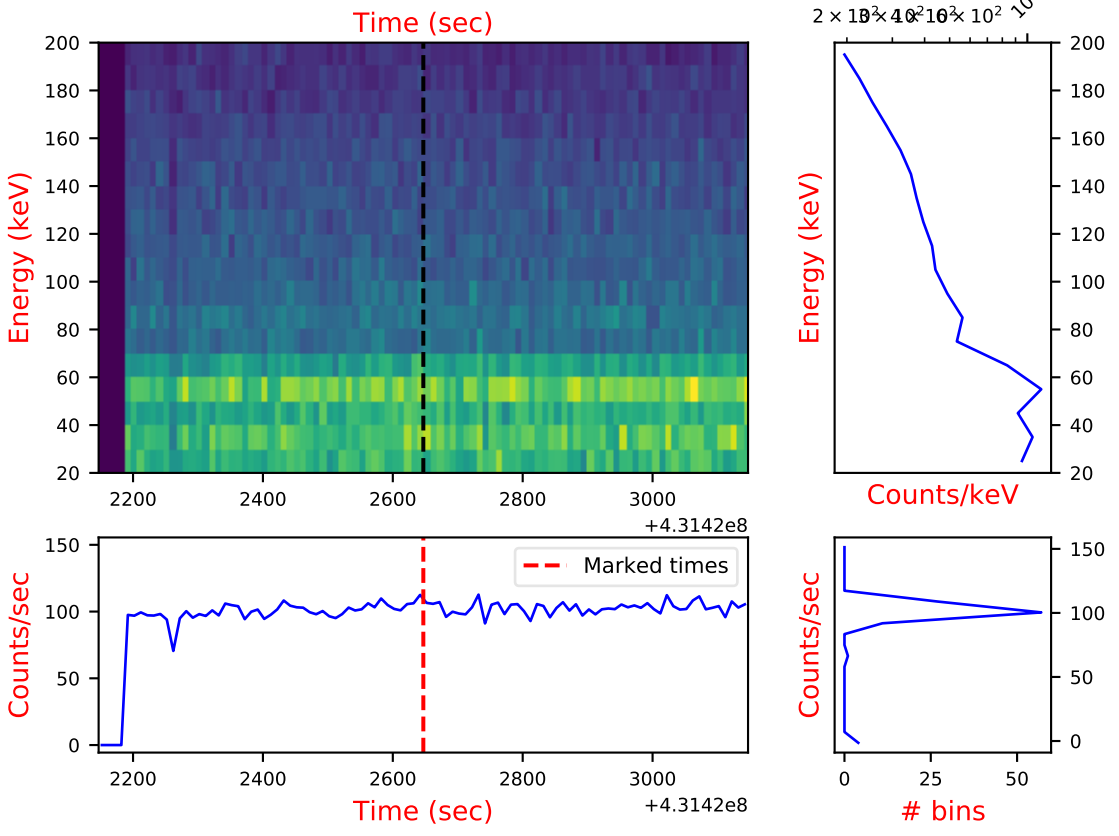
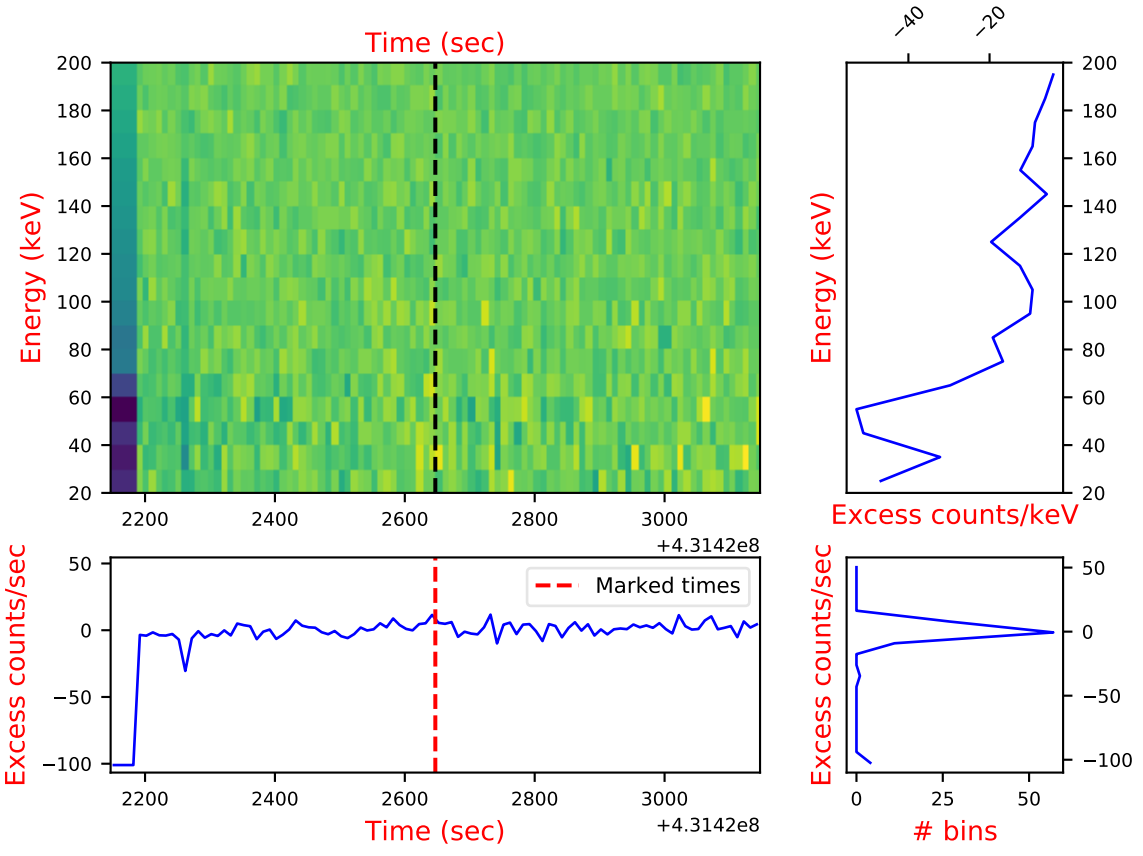
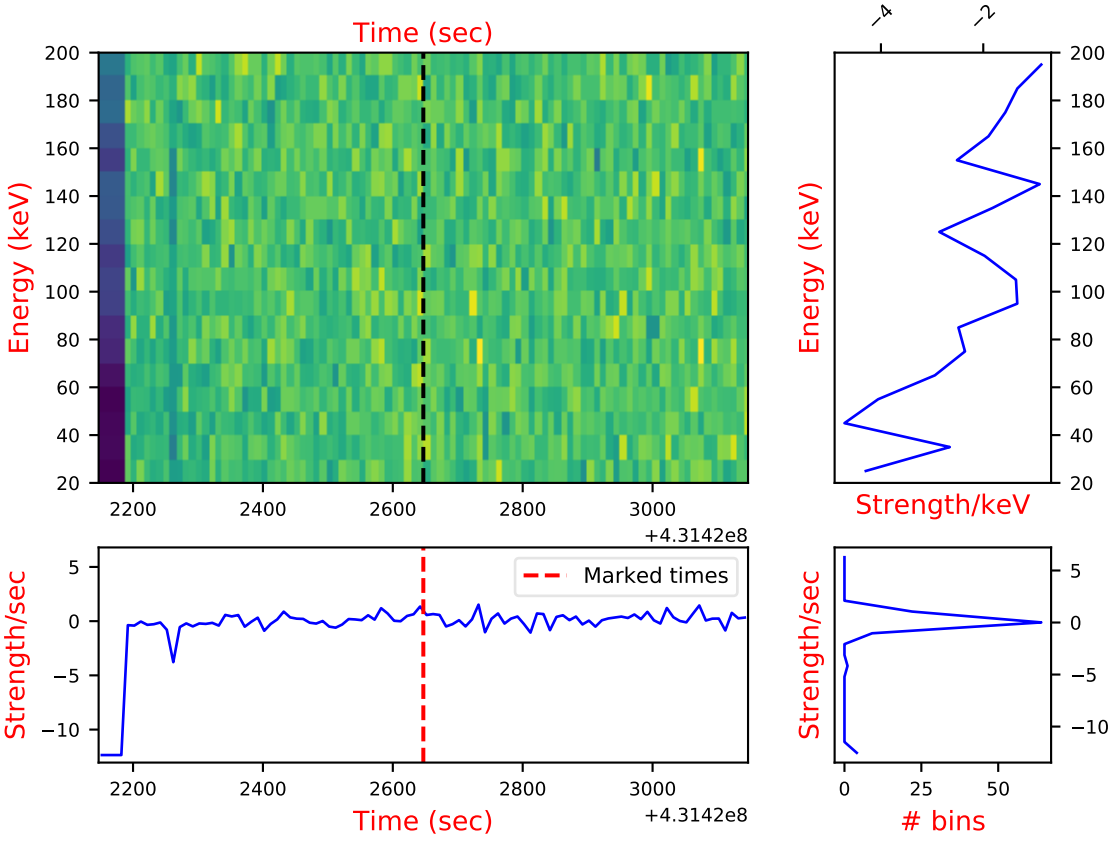
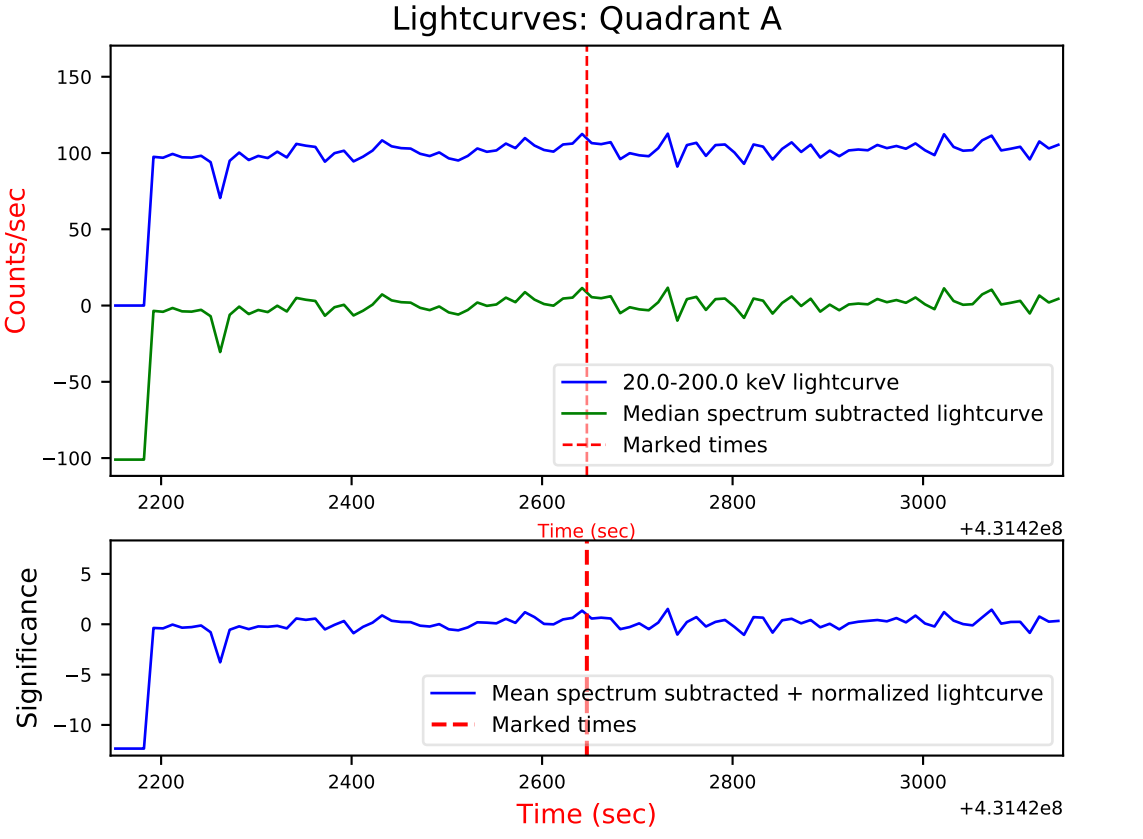
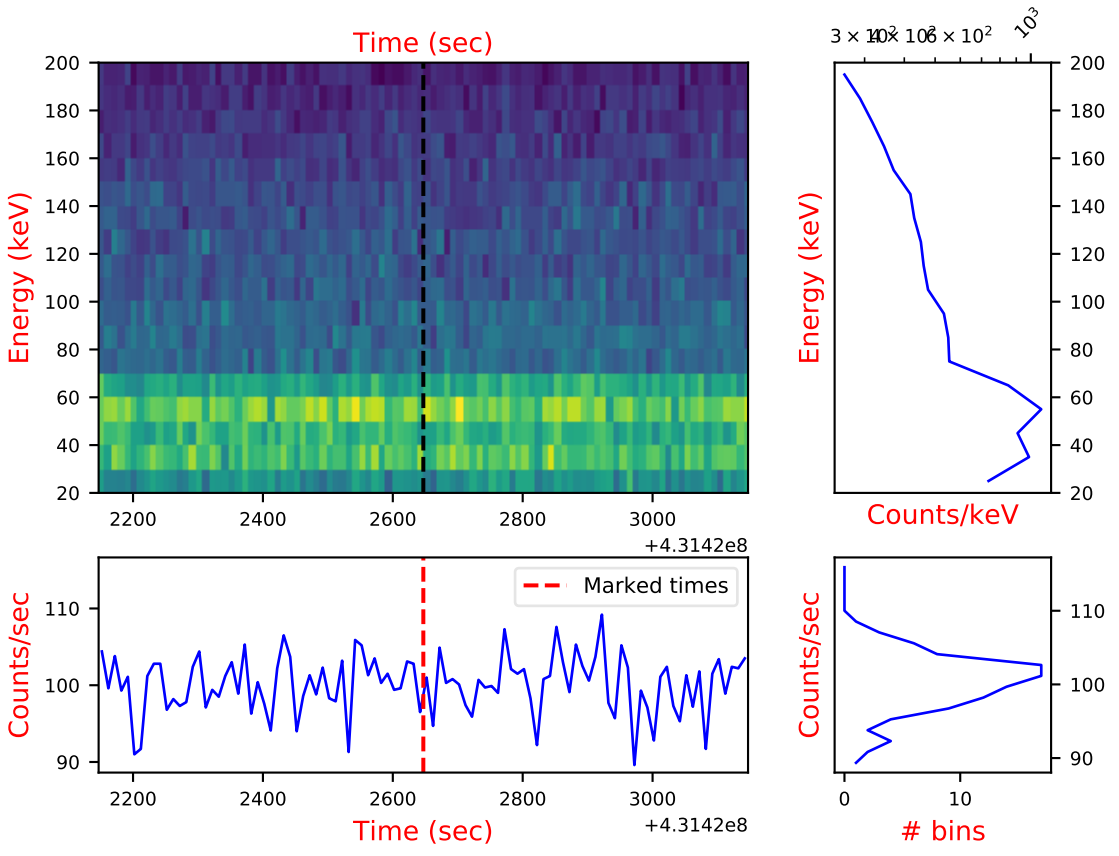

CZT lightcurves
Counts/sec
Time (sec)
+4.3142e8
0
20
40
60
80
100
2200
2400
2600
2800
3000
A
B
C
D

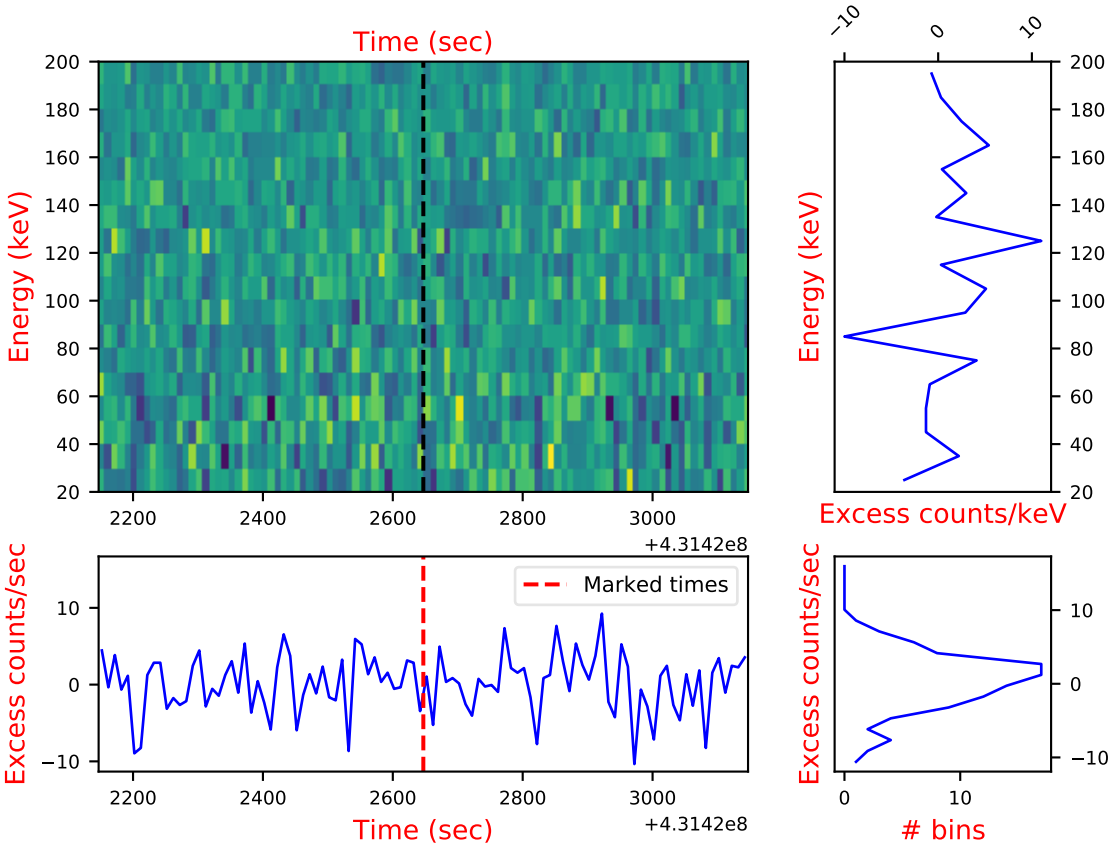

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+4.3142e8
bins

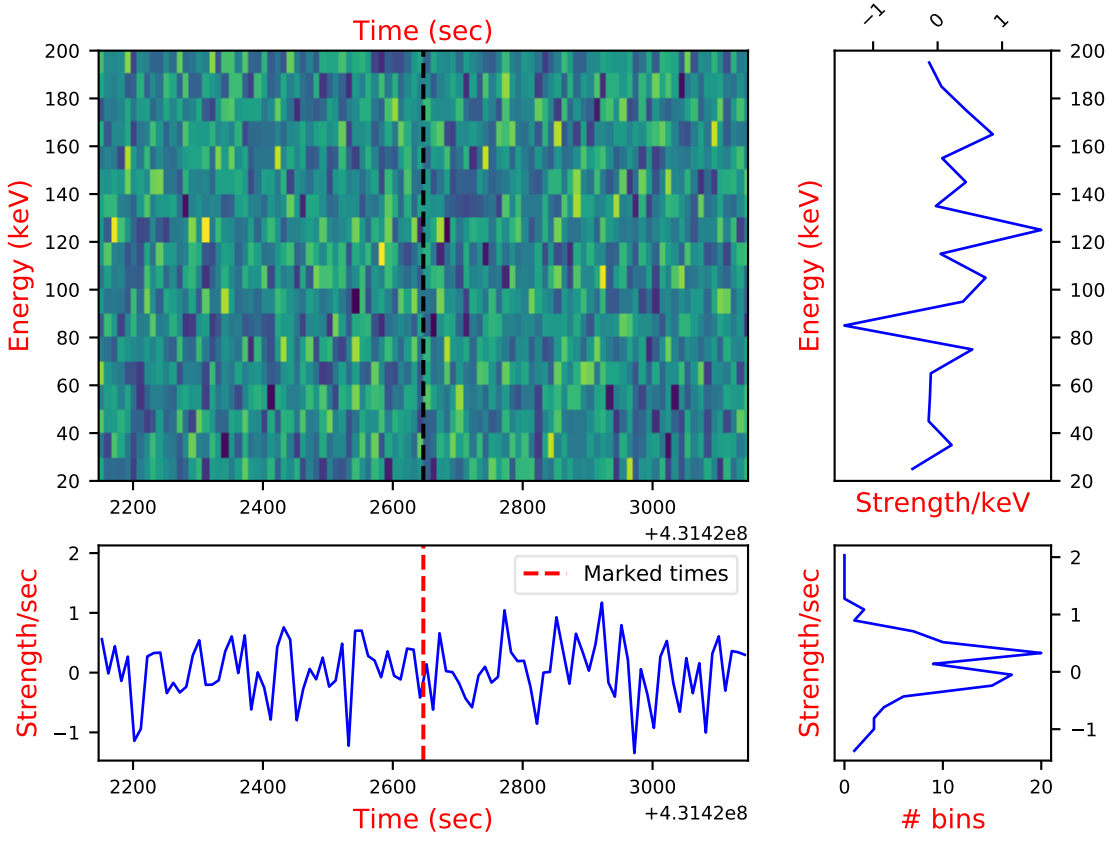

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
−40
−20
Excess counts/keV
+4.3142e8
Excess counts/sec
50
0
−50
−100
Marked times
Time (sec)
bins
25

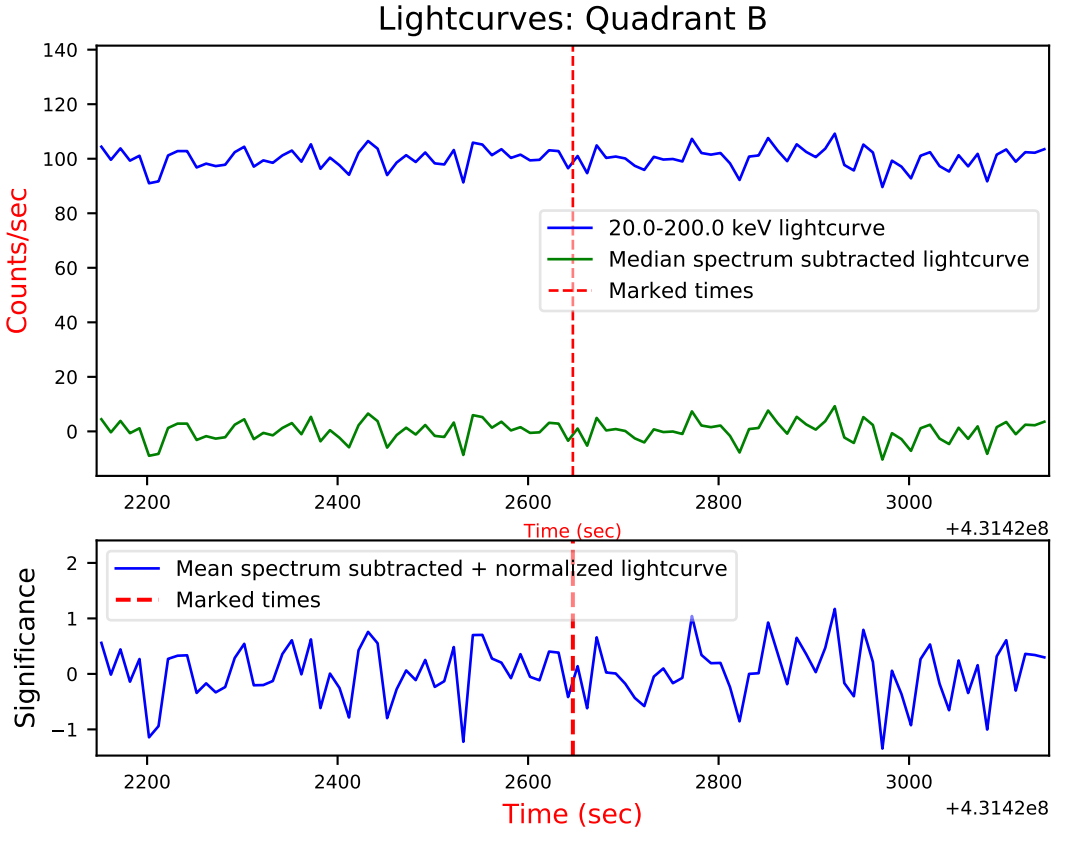

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
−4
−2
Strength/keV
Strength/sec
5
0
−5
−10
Marked times
Time (sec)
0
25
50
bins

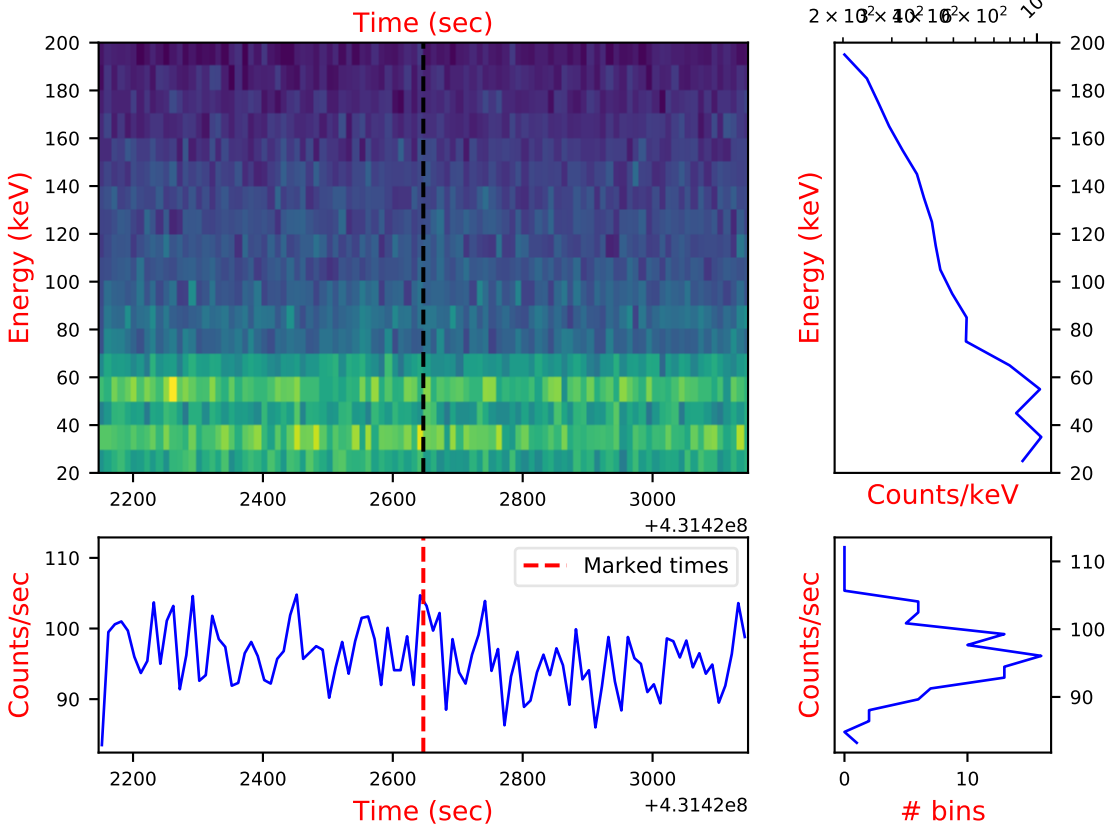

Lightcurves: Quadrant A
Counts/sec
150
100
50
0
−50
−100
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
2200
2400
2600
2800
3000
Time (sec)
+4.3142e8
Significance
5
0
−5
−10
Mean spectrum subtracted + normalized lightcurve
Marked times
2200
2400
2600
2800
3000
Time (sec)
+4.3142e8

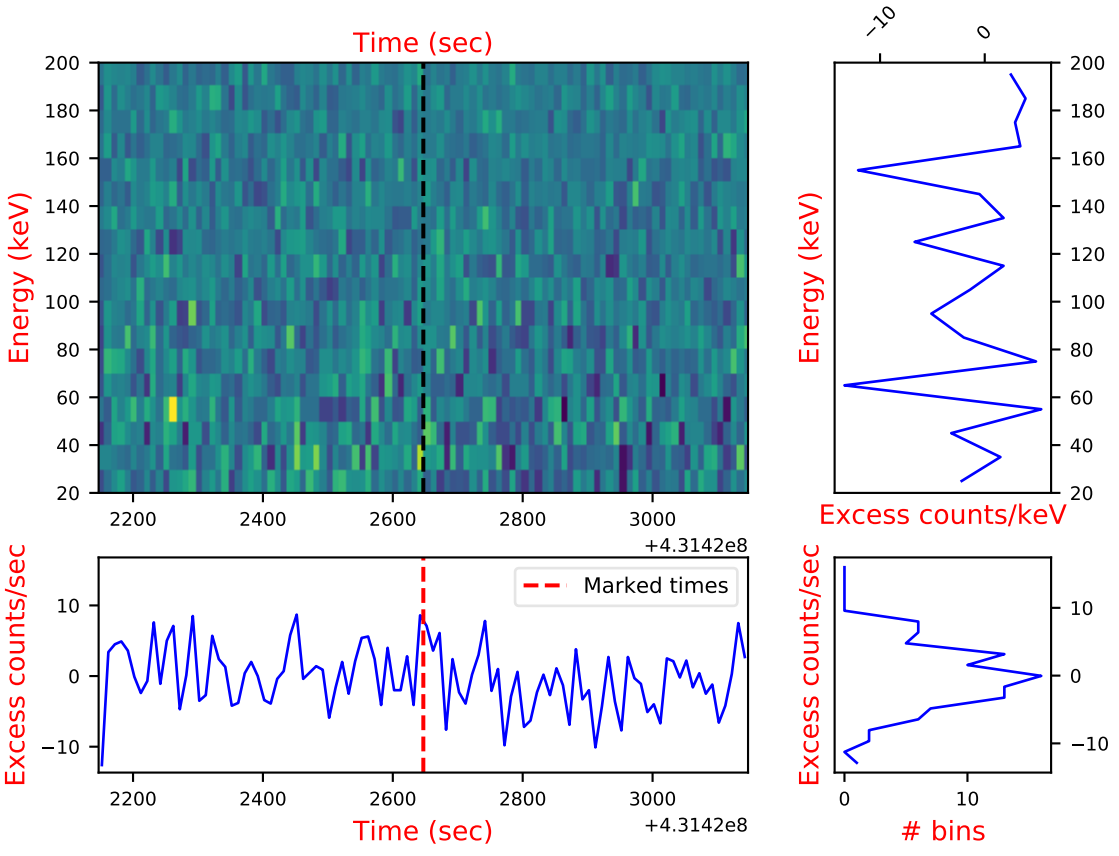

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
Counts/sec
110
100
90
Marked times
Time (sec)
+4.3142e8
Energy (keV)
Counts/keV
3×10^2
4×10^2
6×10^2
10^3
Counts/sec
bins
0
10

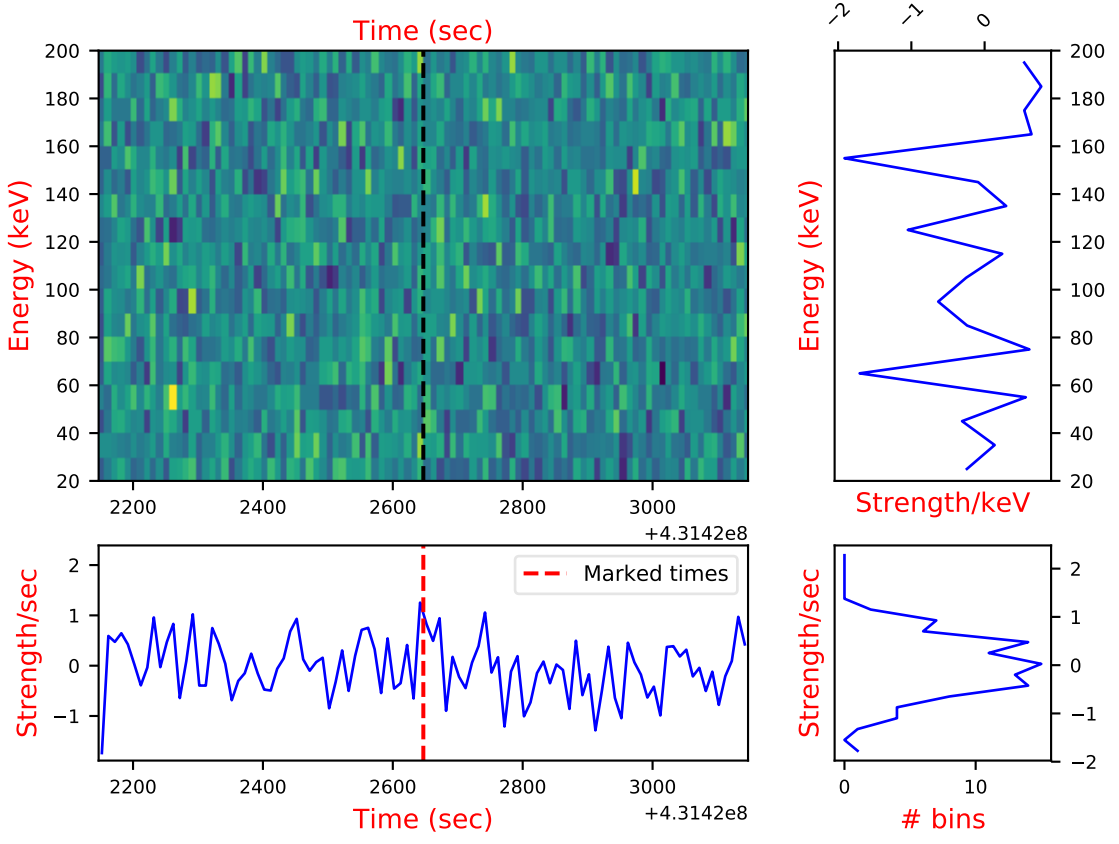

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
−10
0
10
Excess counts/keV
+4.3142e8
Excess counts/sec
Marked times
10
0
−10
Time (sec)
bins

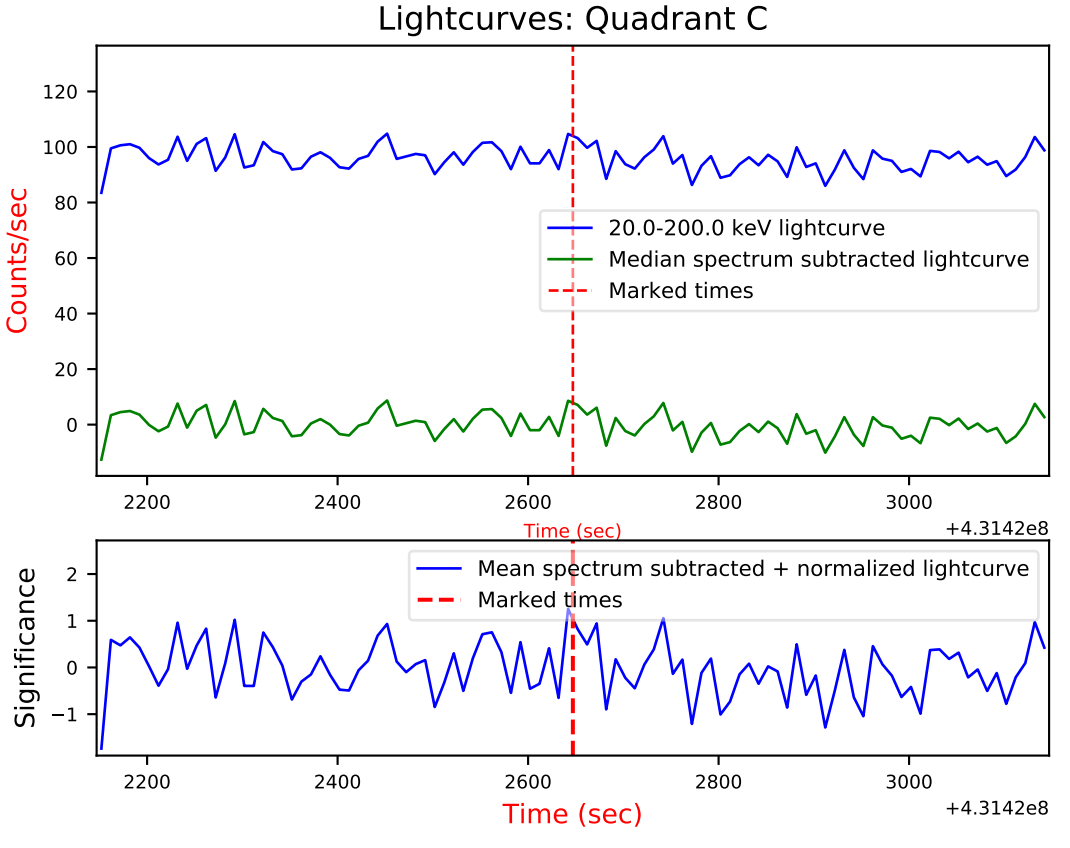

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
−1
0
1
Strength/keV
Strength/sec
2
1
0
−1
Marked times
Time (sec)
bins
10
20

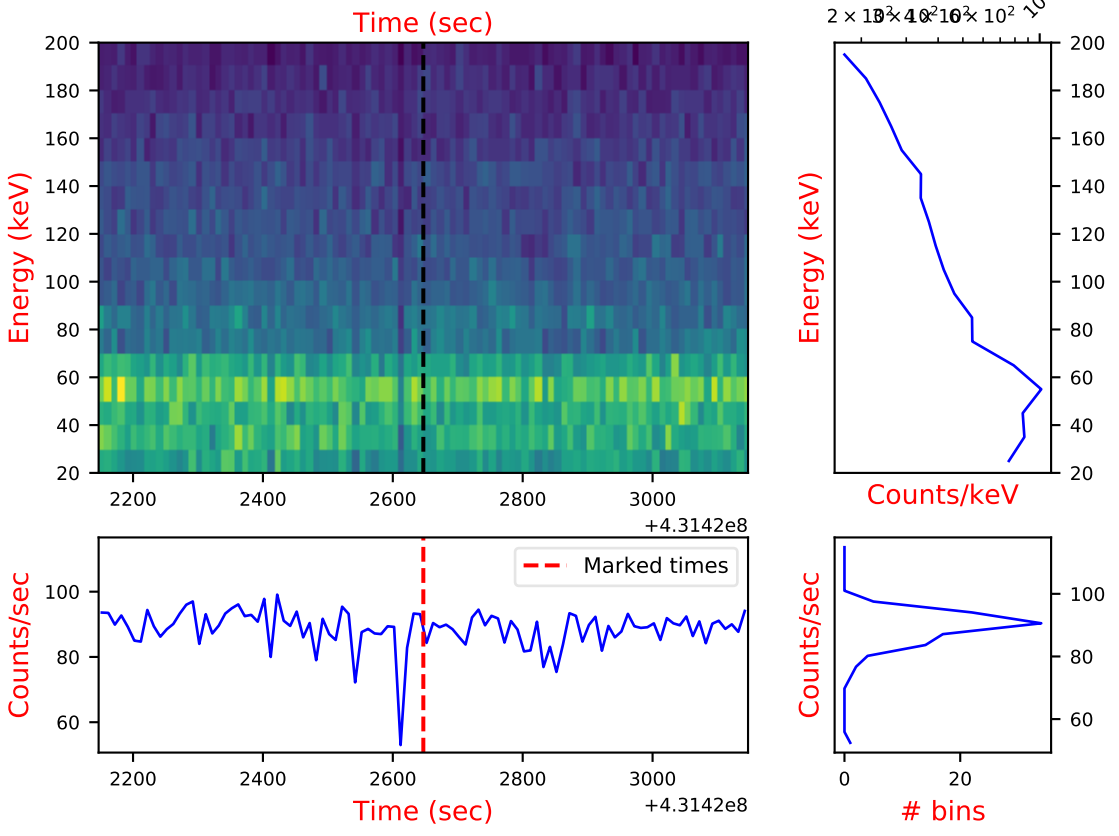

Lightcurves: Quadrant B
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+4.3142e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+4.3142e8

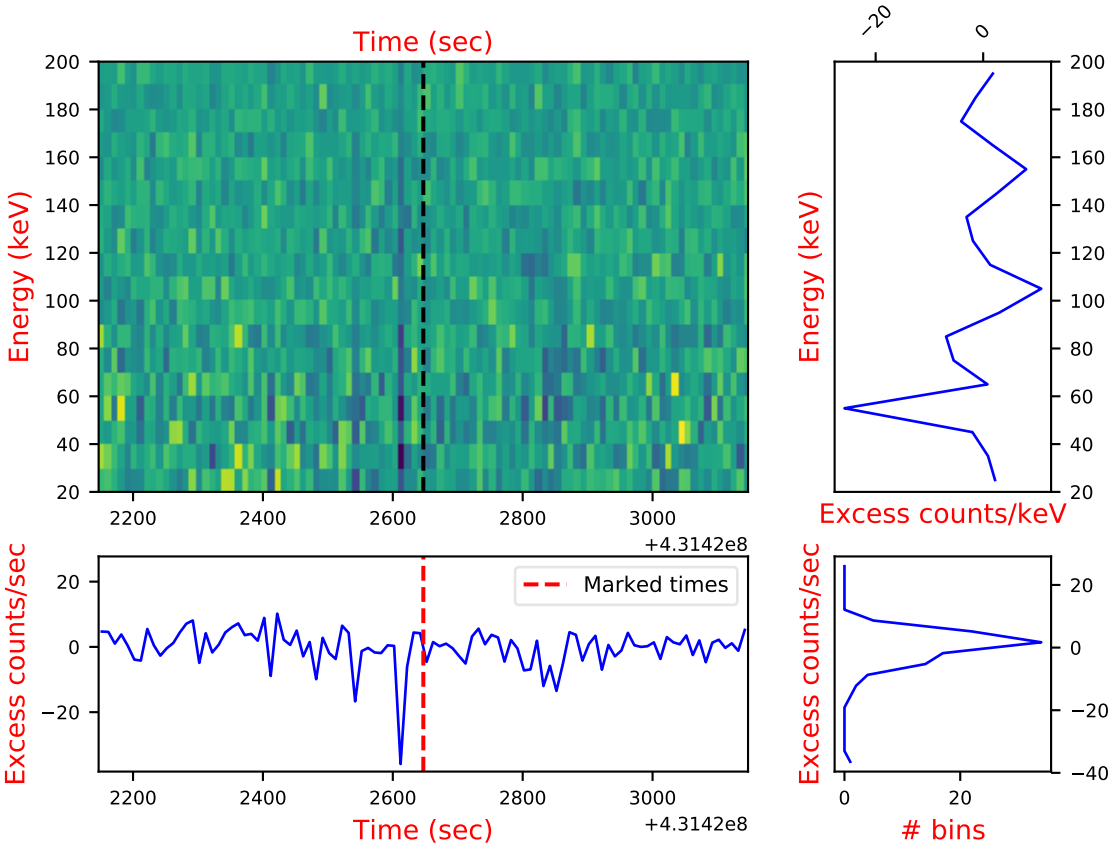

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
Counts/sec
110
100
90
Marked times
Time (sec)
Counts/keV
2×10^2
3×10^2
4×10^2
6×10^2
10^3
bins
0
10

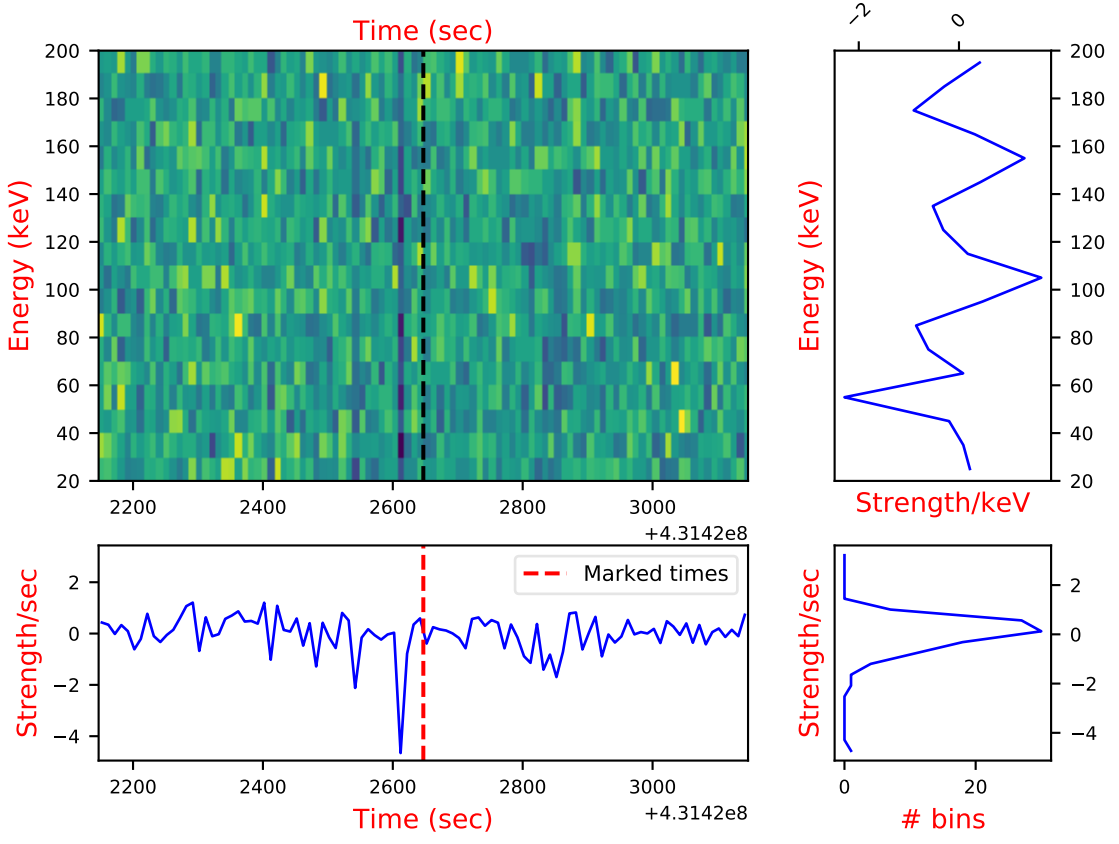

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
−10
0
Excess counts/keV
+4.3142e8
Marked times
Excess counts/sec
10
0
−10
Time (sec)
bins

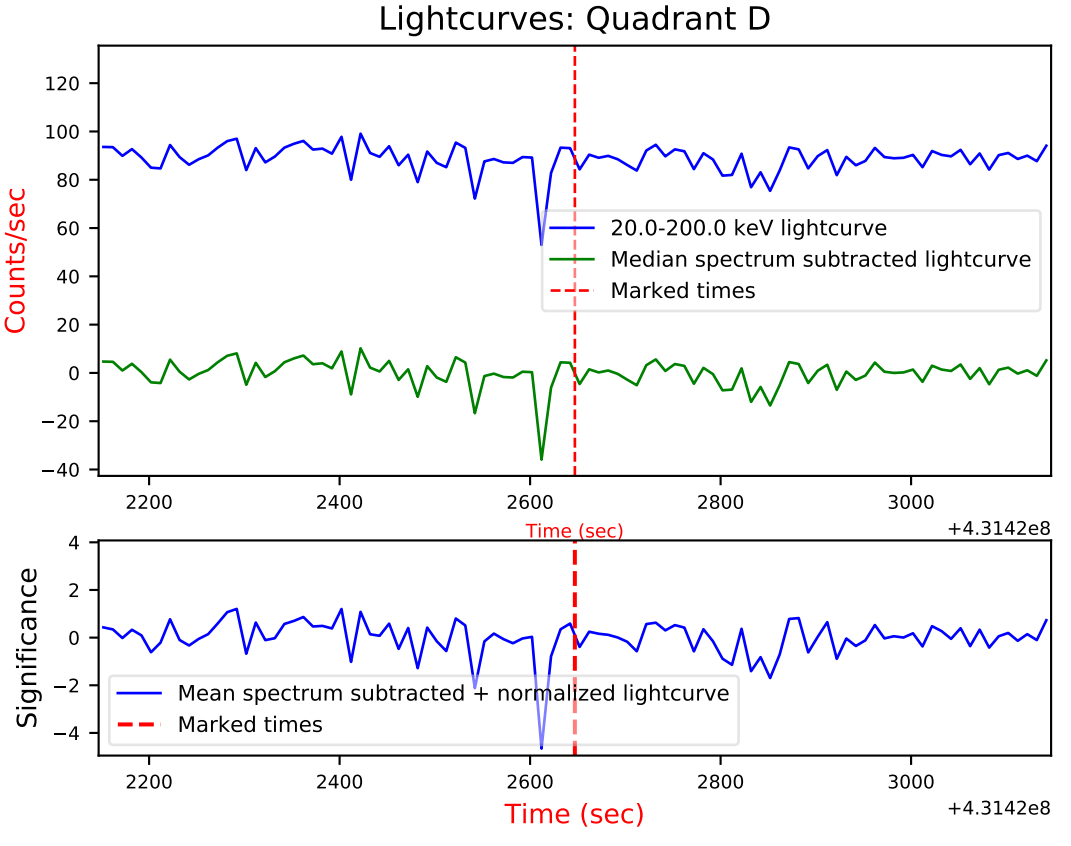

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
−2
−1
0
Strength/keV
Strength/sec
Marked times
2
1
0
−1
Time (sec)
bins
10
−2


Lightcurves: Quadrant C
Counts/sec
120
100
80
60
40
20
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
2200
2400
2600
2800
3000
Time (sec)
+4.3142e8
Significance
2
1
0
−1
Mean spectrum subtracted + normalized lightcurve
Marked times
2200
2400
2600
2800
3000
Time (sec)
+4.3142e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
Energy (keV)
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
0
20


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
−20
0
Excess counts/keV
+4.3142e8
Excess counts/sec
Marked times
Time (sec)
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
2200
2400
2600
2800
3000
+4.3142e8
-2
0
Strength/keV
Strength/sec
Marked times
2
0
−2
−4
Time (sec)
bins


Lightcurves: Quadrant D
Counts/sec
120
100
80
60
40
20
0
−20
−40
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
2200
2400
2600
2800
3000
Time (sec)
+4.3142e8
Significance
4
2
0
−2
−4
Mean spectrum subtracted + normalized lightcurve
Marked times
2200
2400
2600
2800
3000
Time (sec)
+4.3142e8