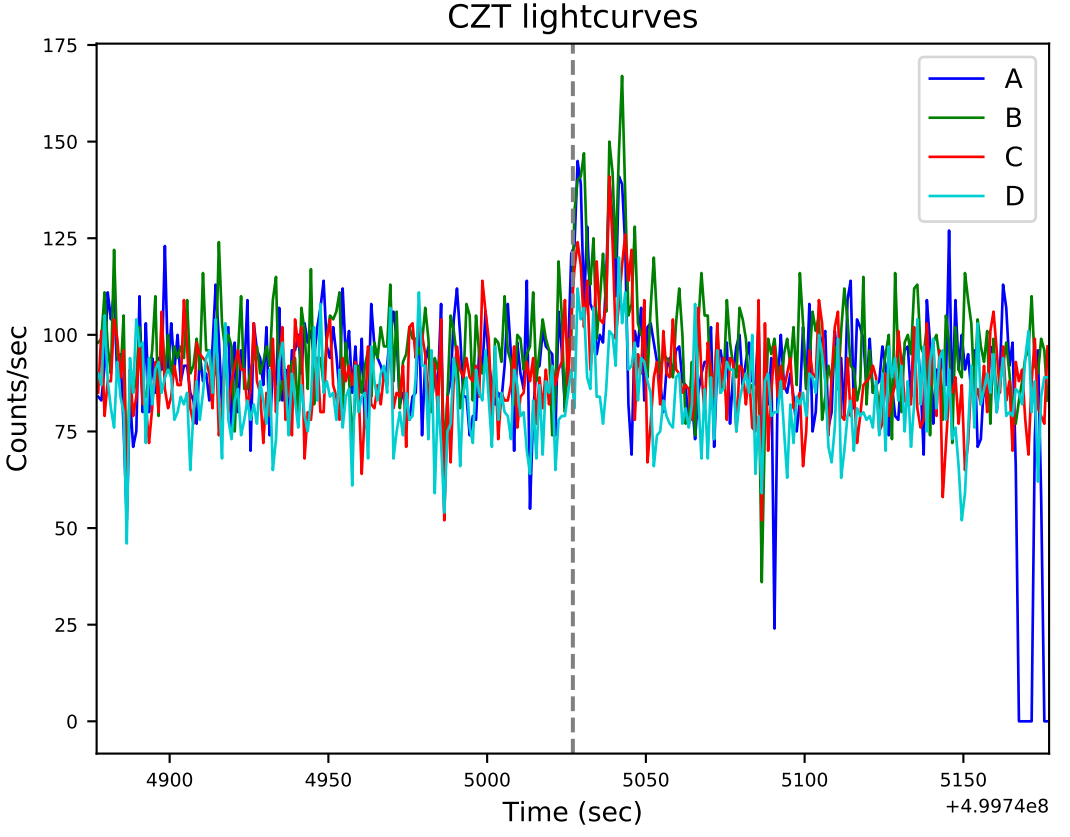
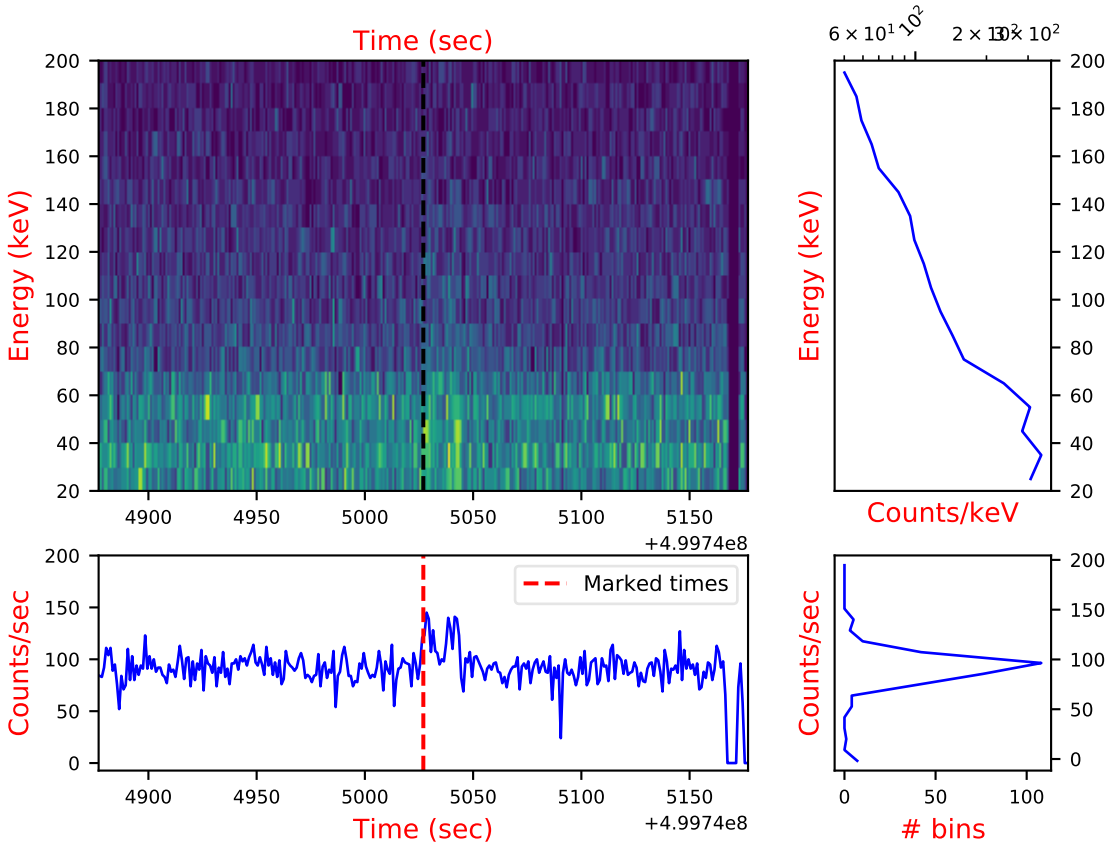
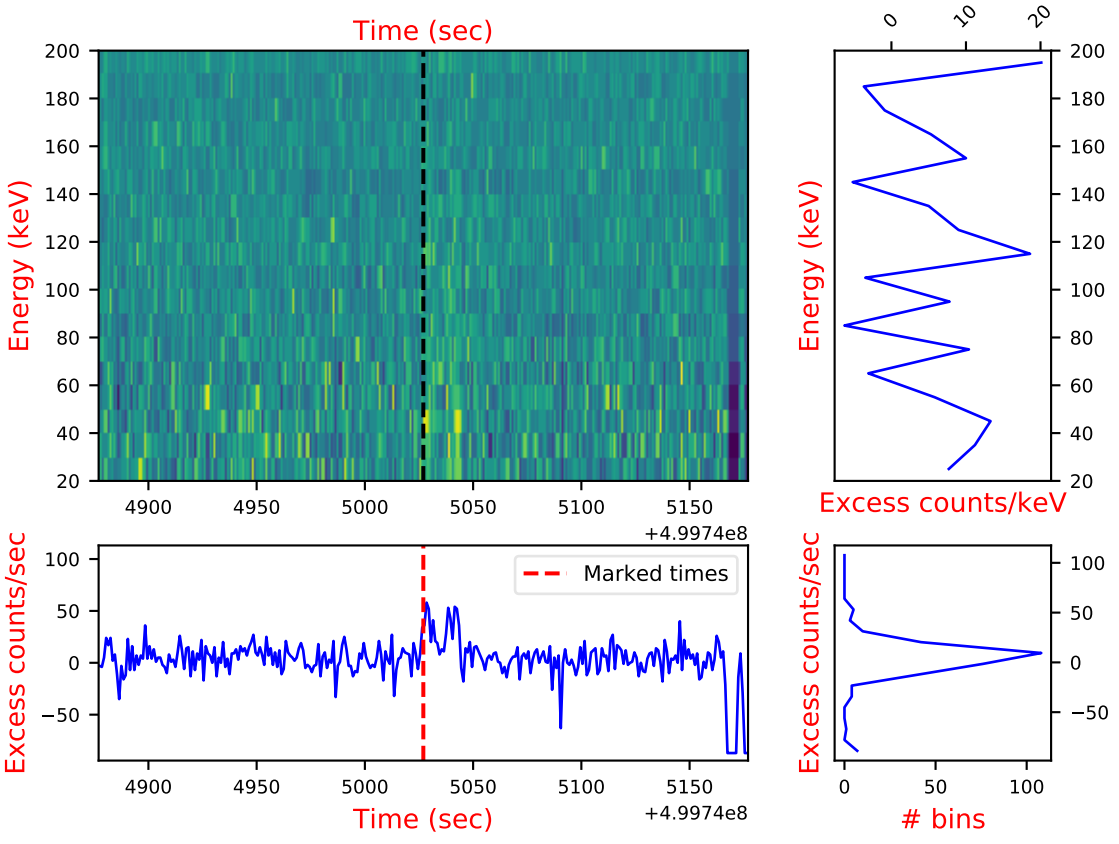
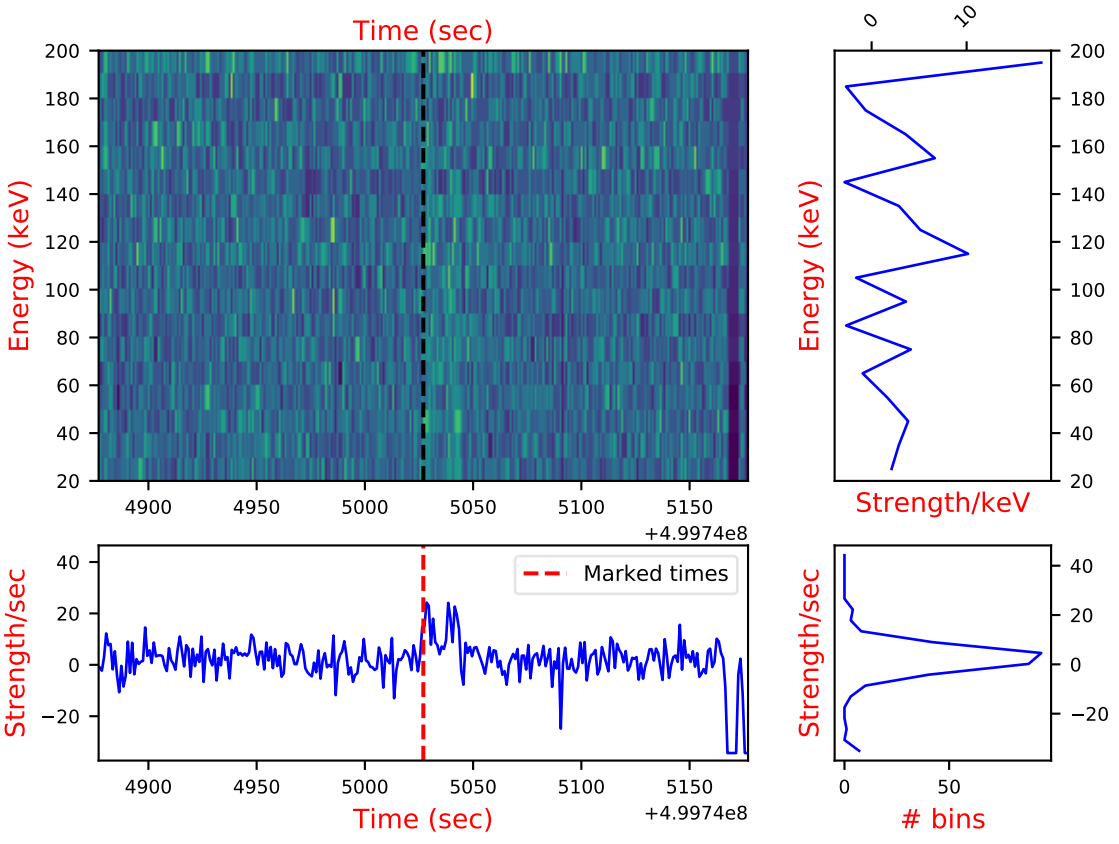
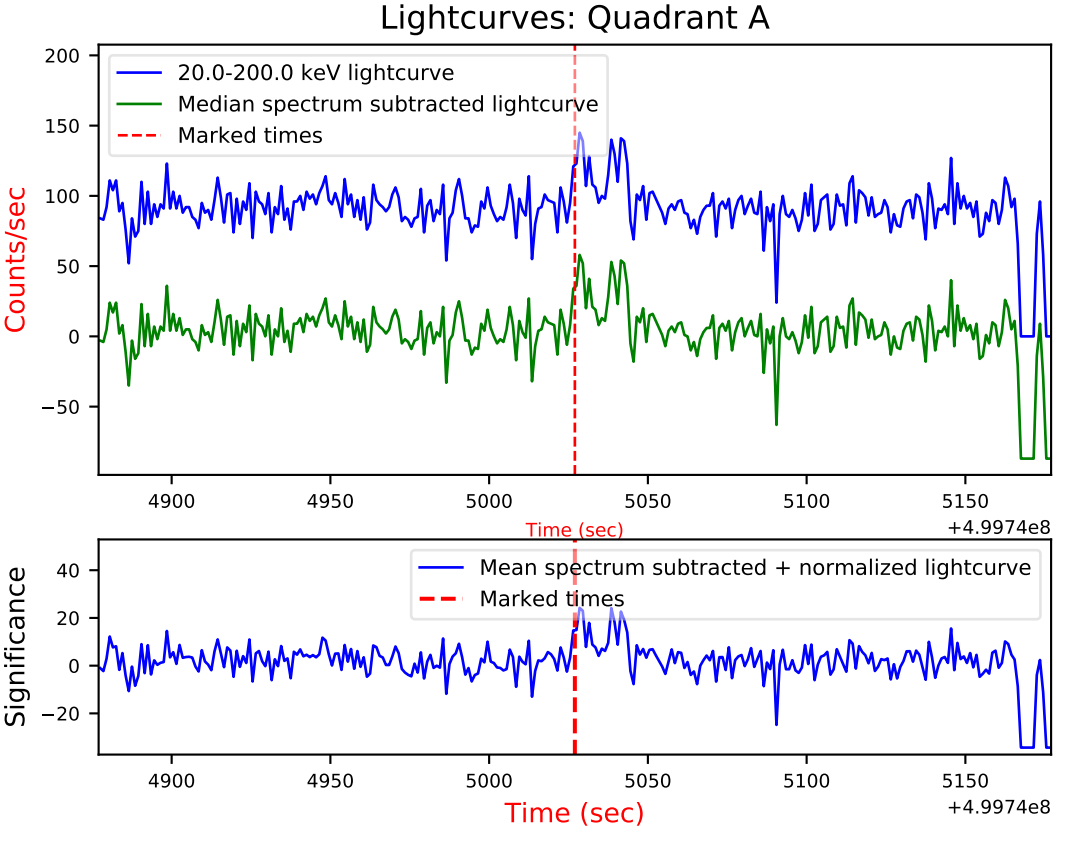
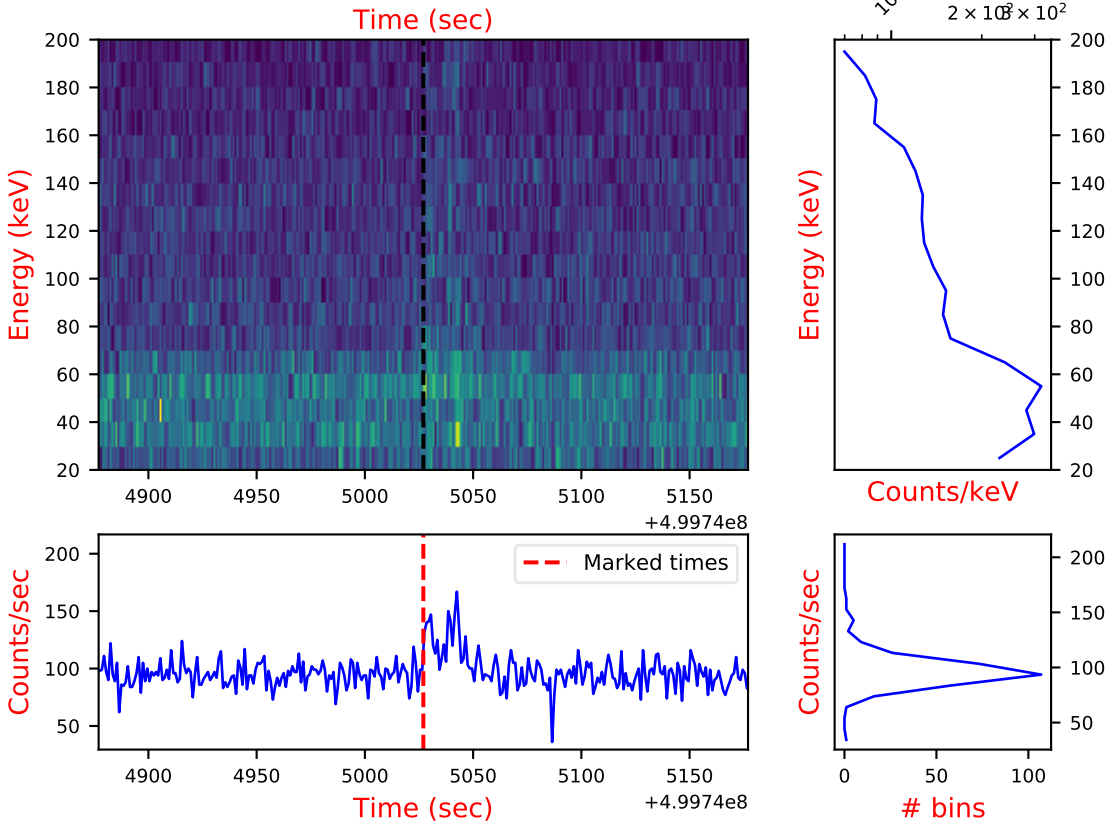

CZT lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.9974e8
175
150
125
100
75
50
25
0
4900
4950
5000
5050
5100
5150

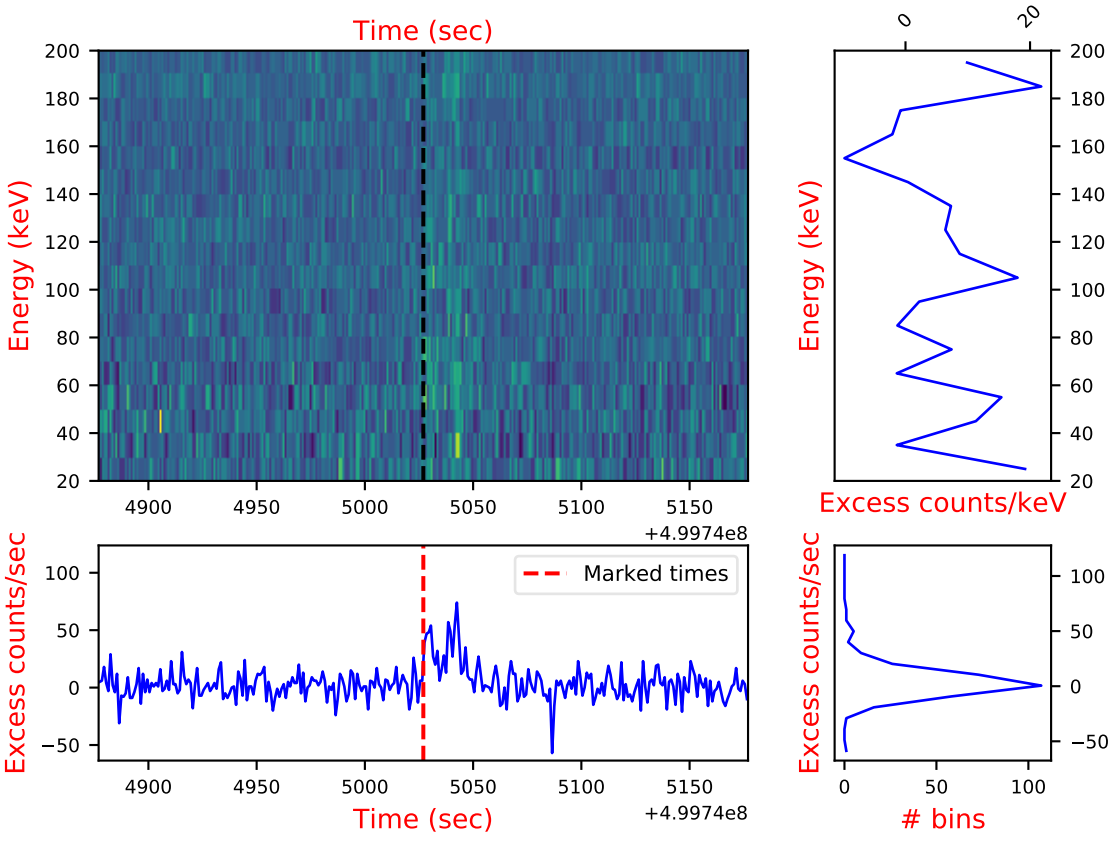

CZT Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.9974e8

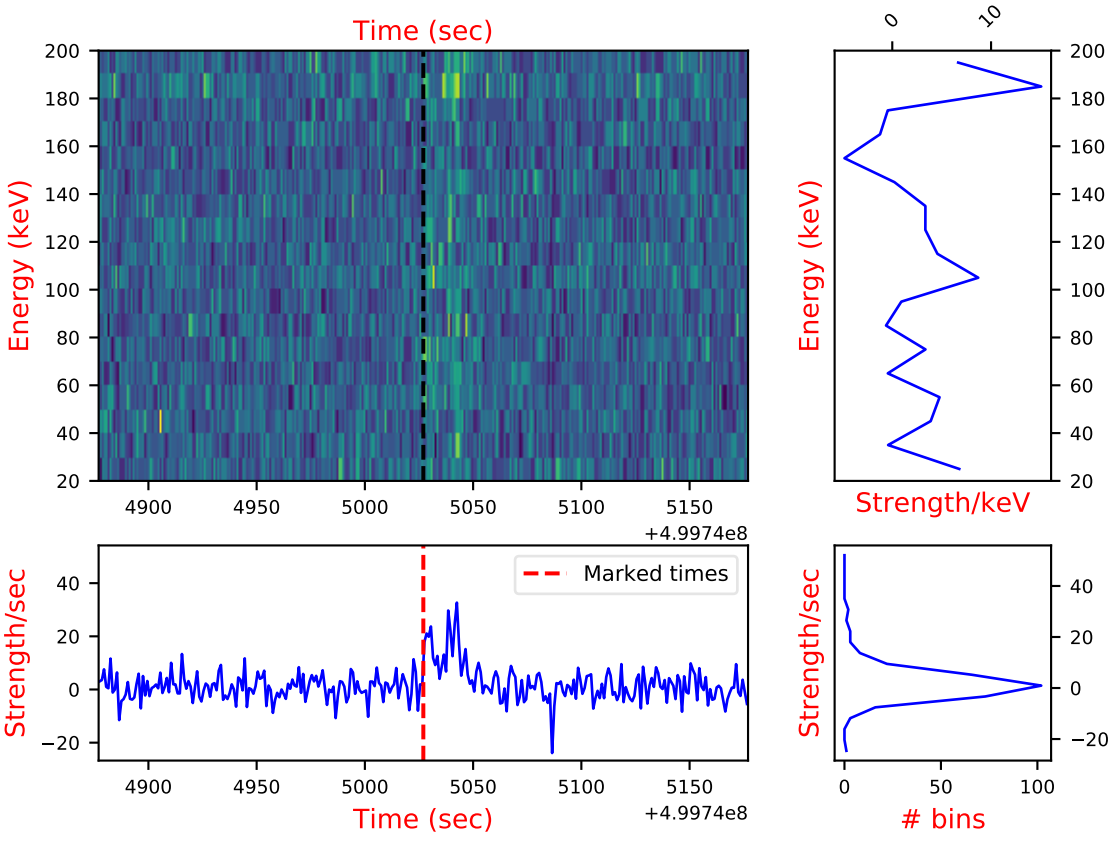

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
10
20
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins

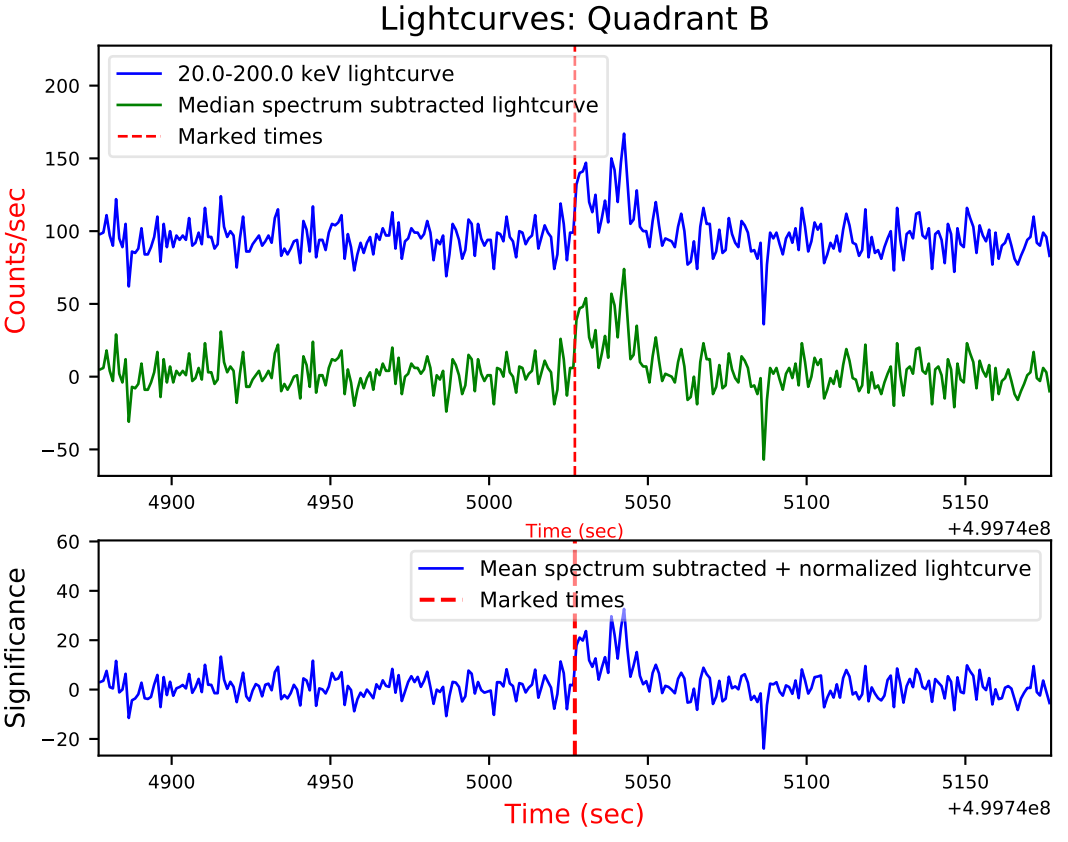

CZT Quadrant A
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
10
Strength/keV
Strength/sec
40
20
0
−20
Marked times
Time (sec)
bins
50

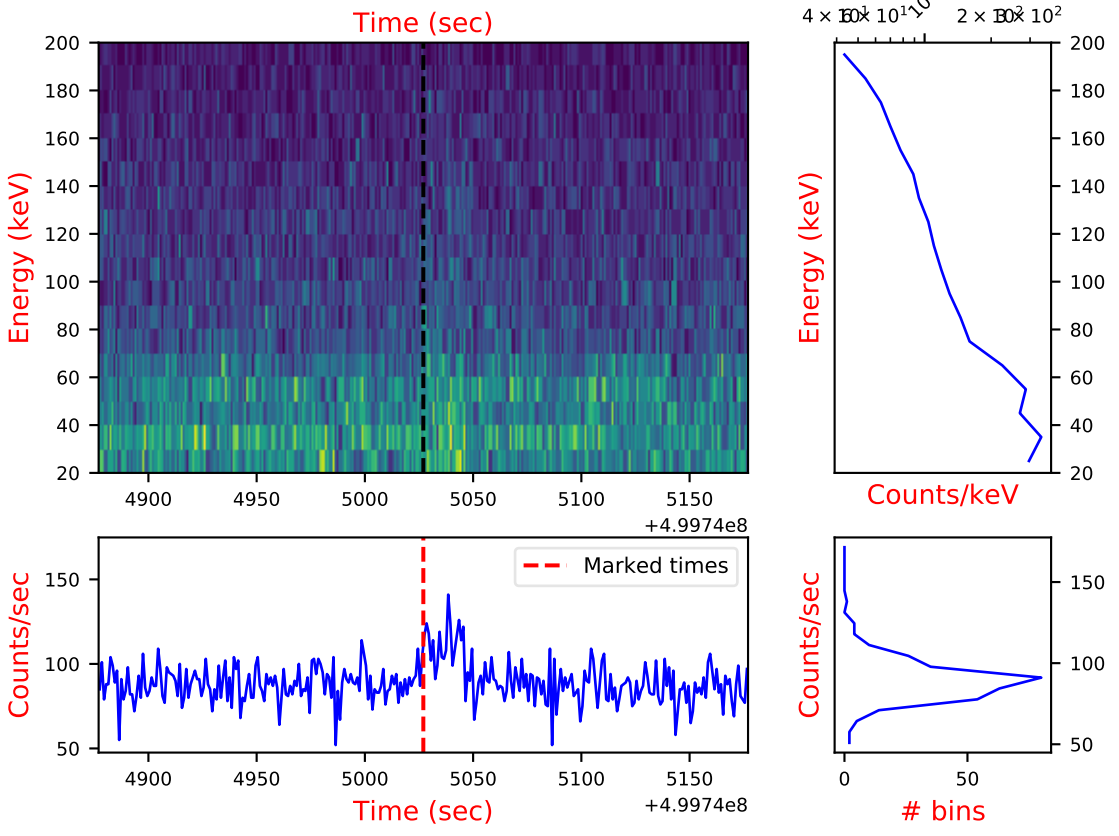

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
−20
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8

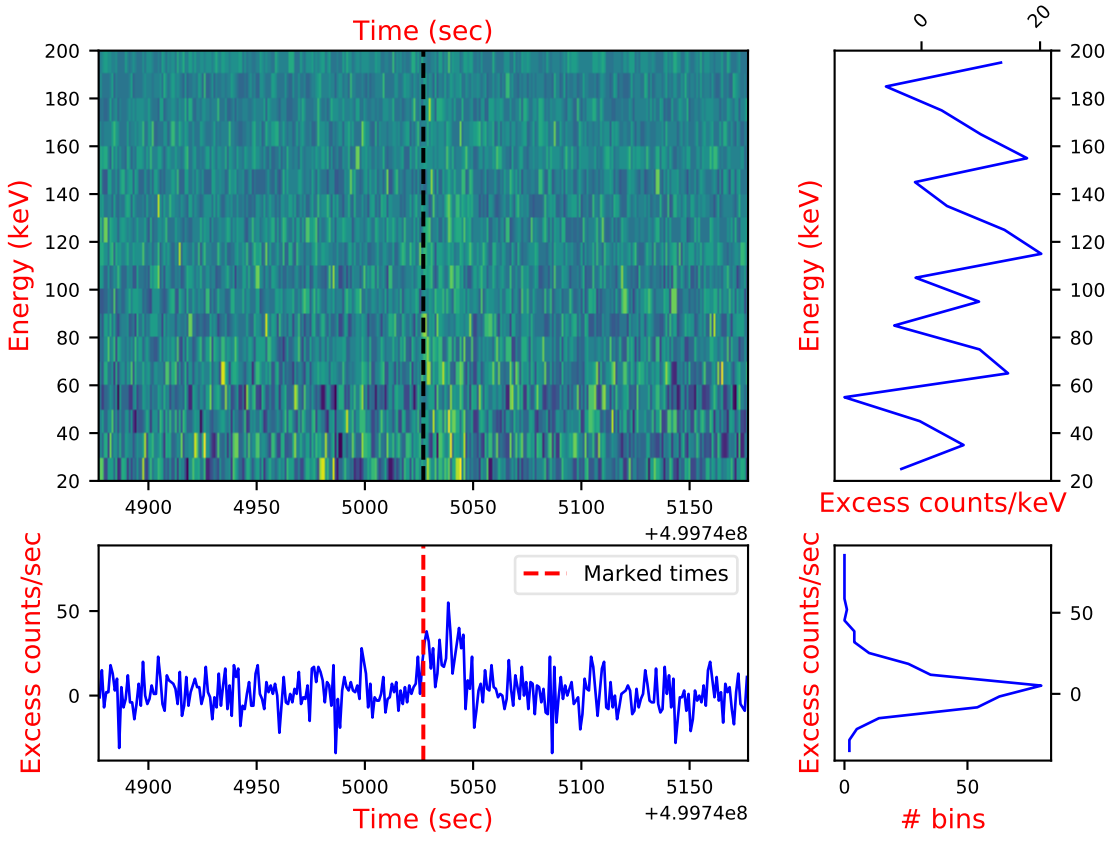

CZT Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.9974e8

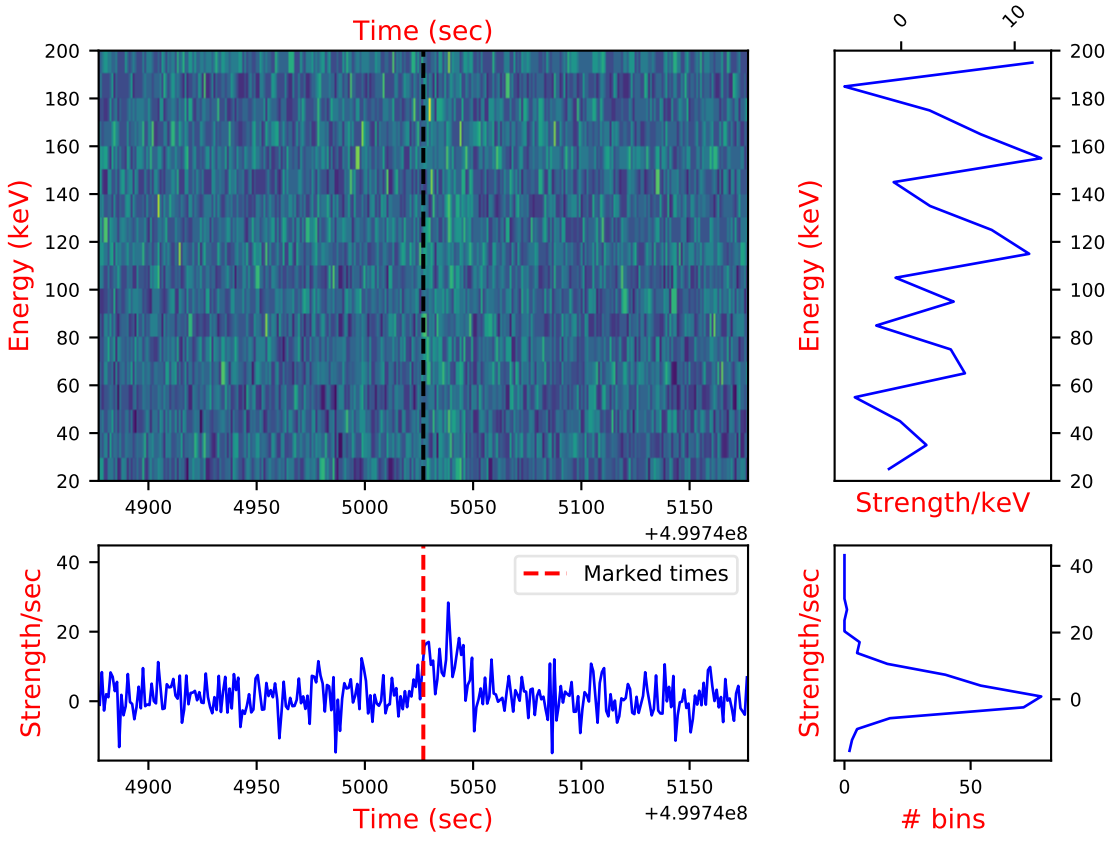

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
20
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins

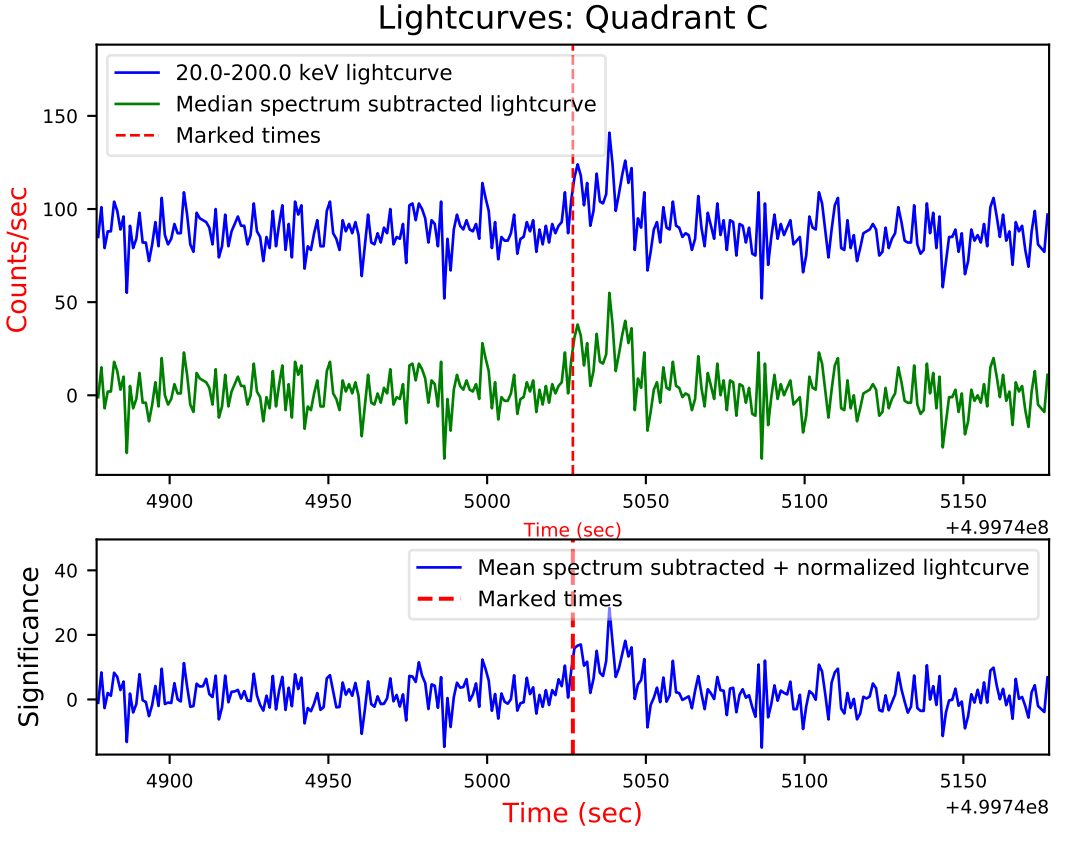

CZT Quadrant B
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
10
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
bins
50
100

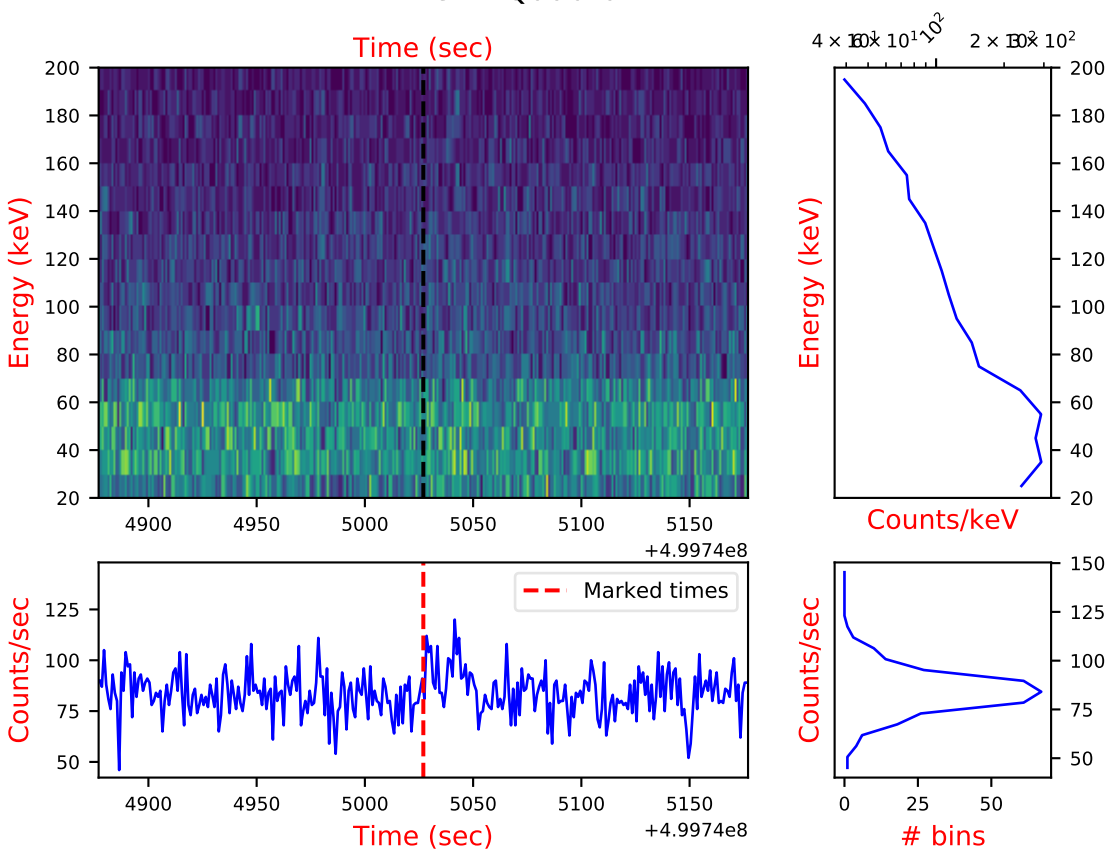

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
200
150
100
50
0
−50
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
60
40
20
0
−20
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8

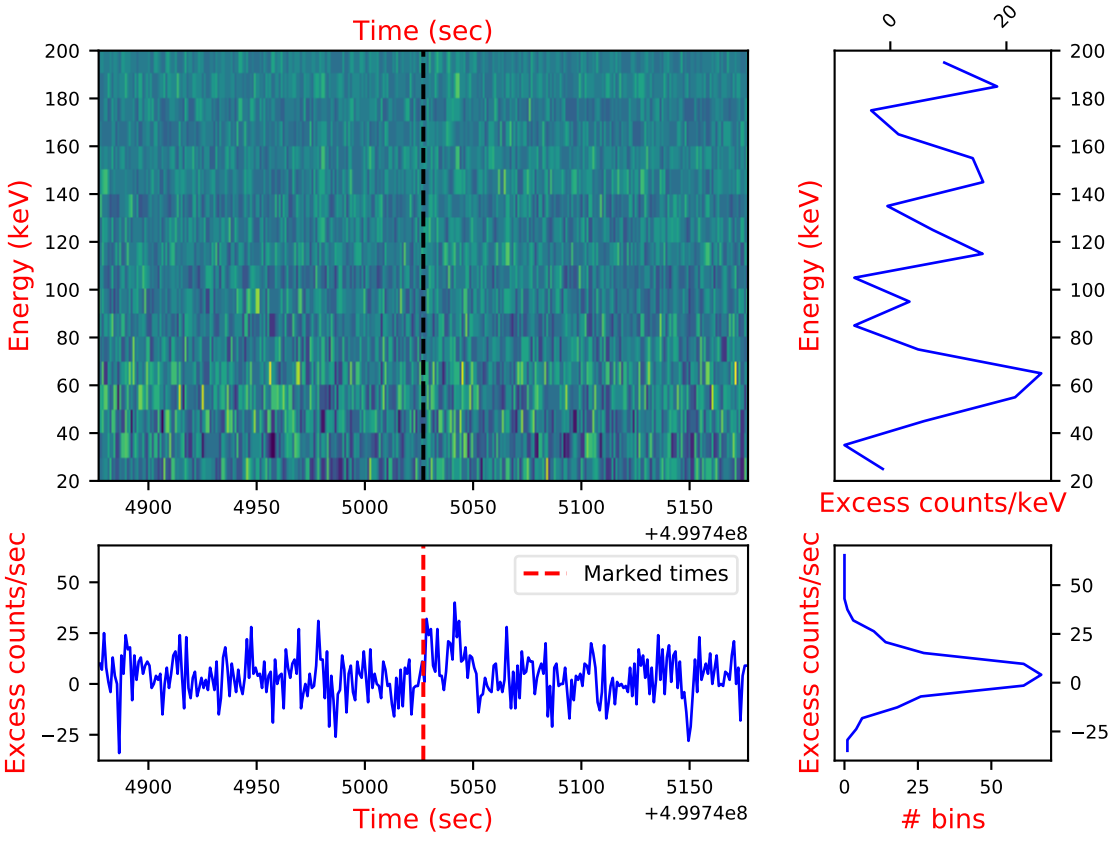

CZT Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.9974e8

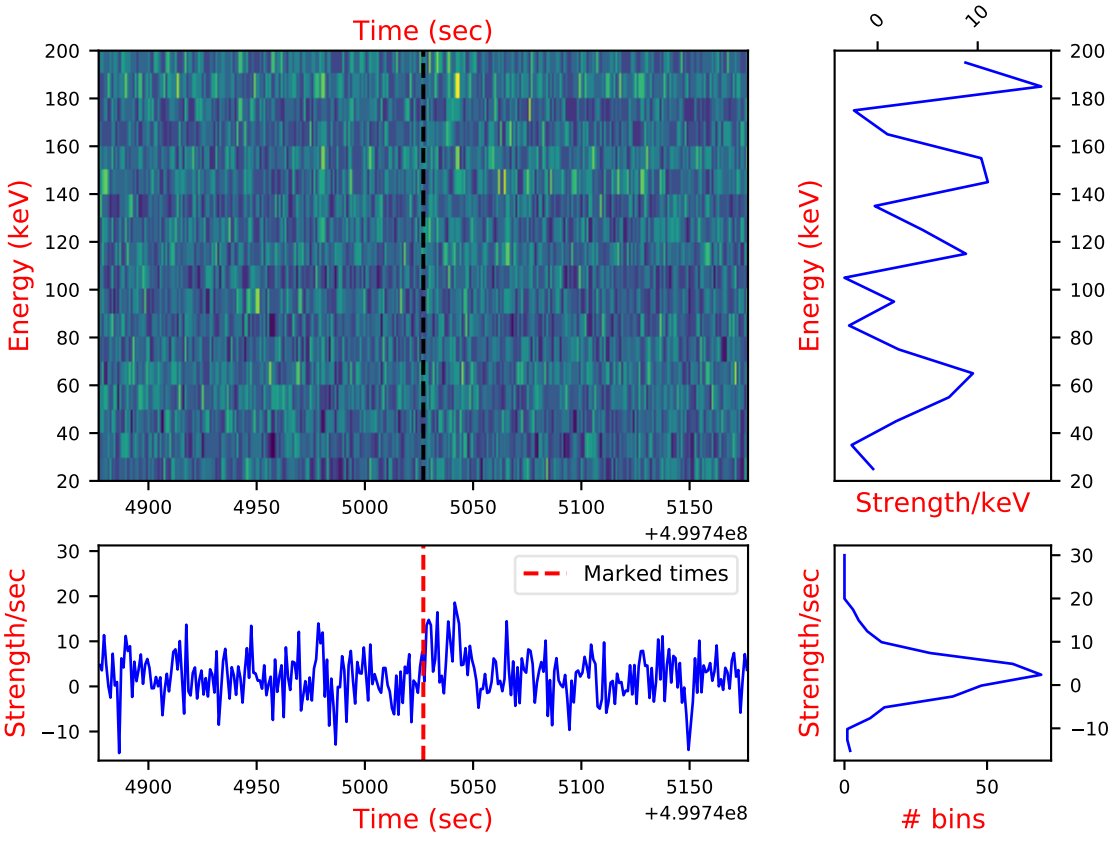

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
20
Excess counts/keV
Excess counts/sec
50
0
Marked times
Time (sec)
bins

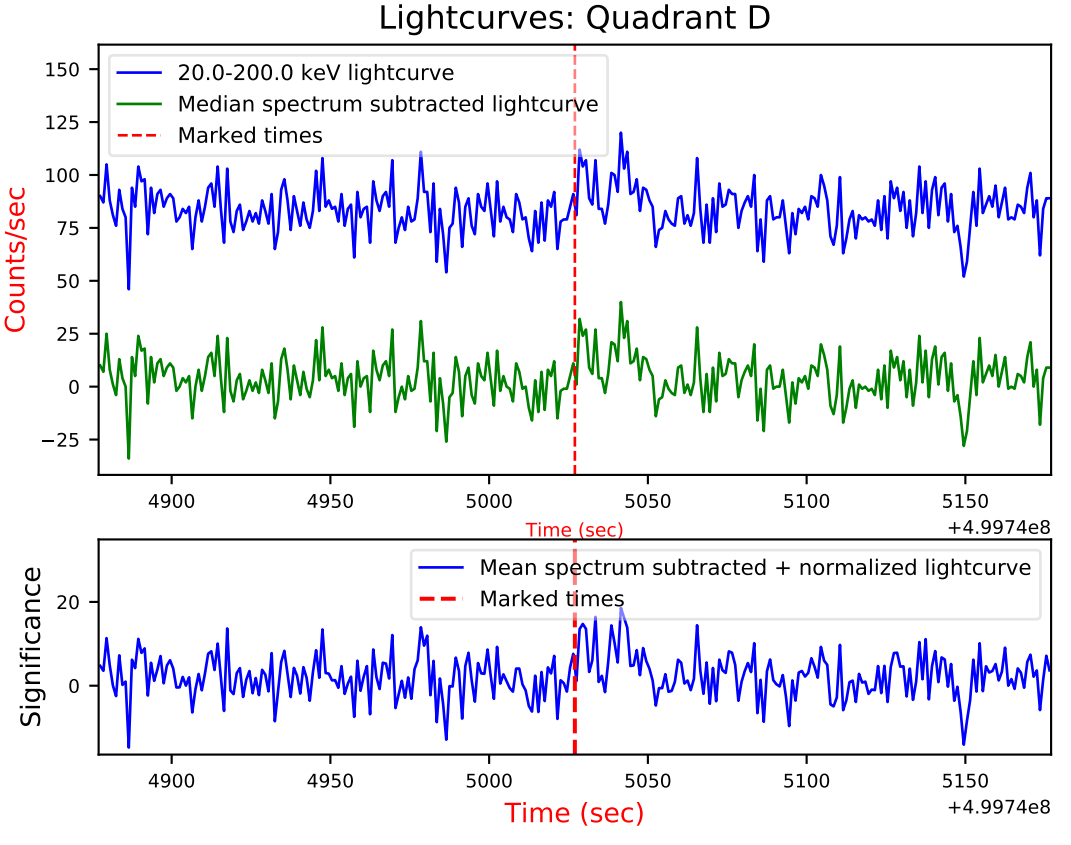

CZT Quadrant C
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
10
Strength/keV
Strength/sec
40
20
0
Marked times
Time (sec)
bins
50


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
100
50
0
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8


CZT Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.9974e8


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
20
Excess counts/keV
Excess counts/sec
50
25
0
−25
Marked times
Time (sec)
bins


CZT Quadrant D
Time (sec)
Energy (keV)
200
180
160
140
120
100
80
60
40
20
4900
4950
5000
5050
5100
5150
+4.9974e8
0
10
Strength/keV
Strength/sec
30
20
10
0
−10
Marked times
Time (sec)
bins
50


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
150
125
100
75
50
25
0
−25
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
0
4900
4950
5000
5050
5100
5150
Time (sec)
+4.9974e8