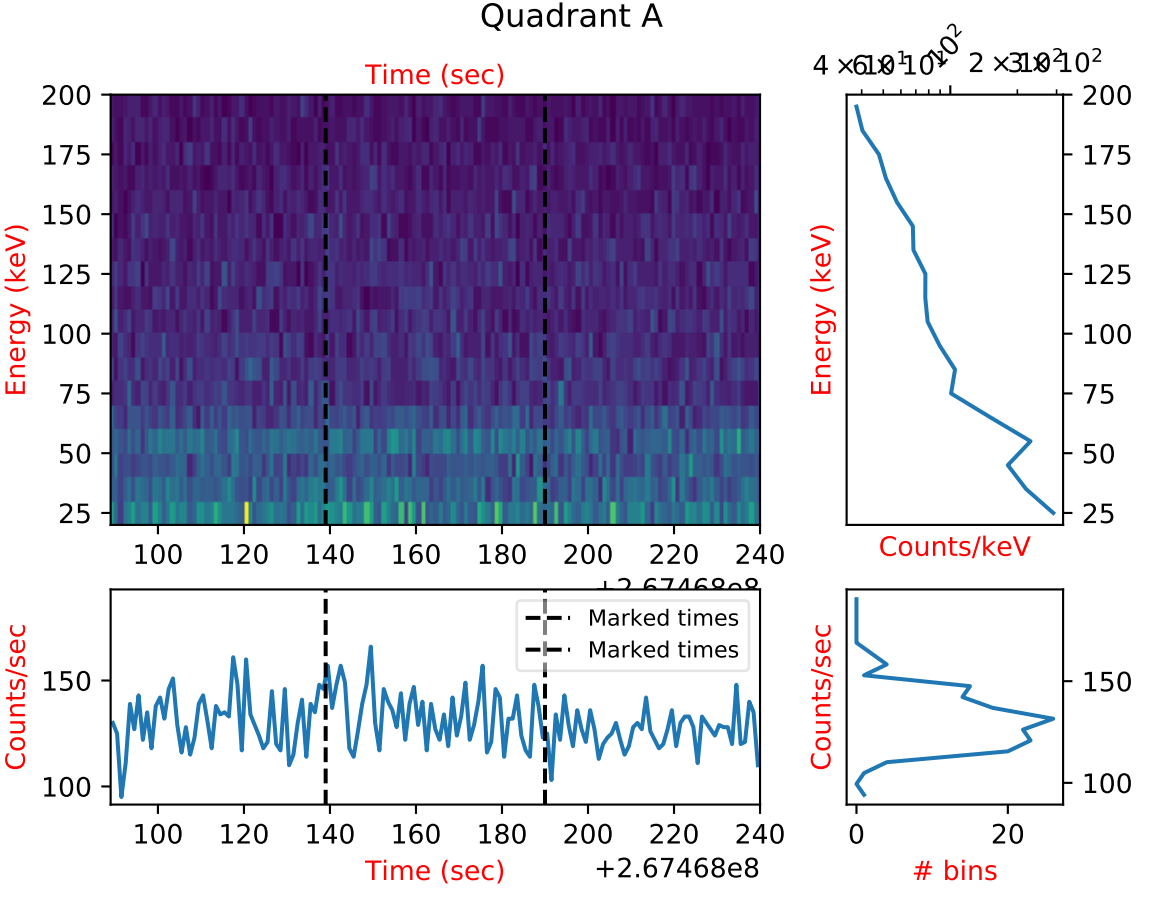
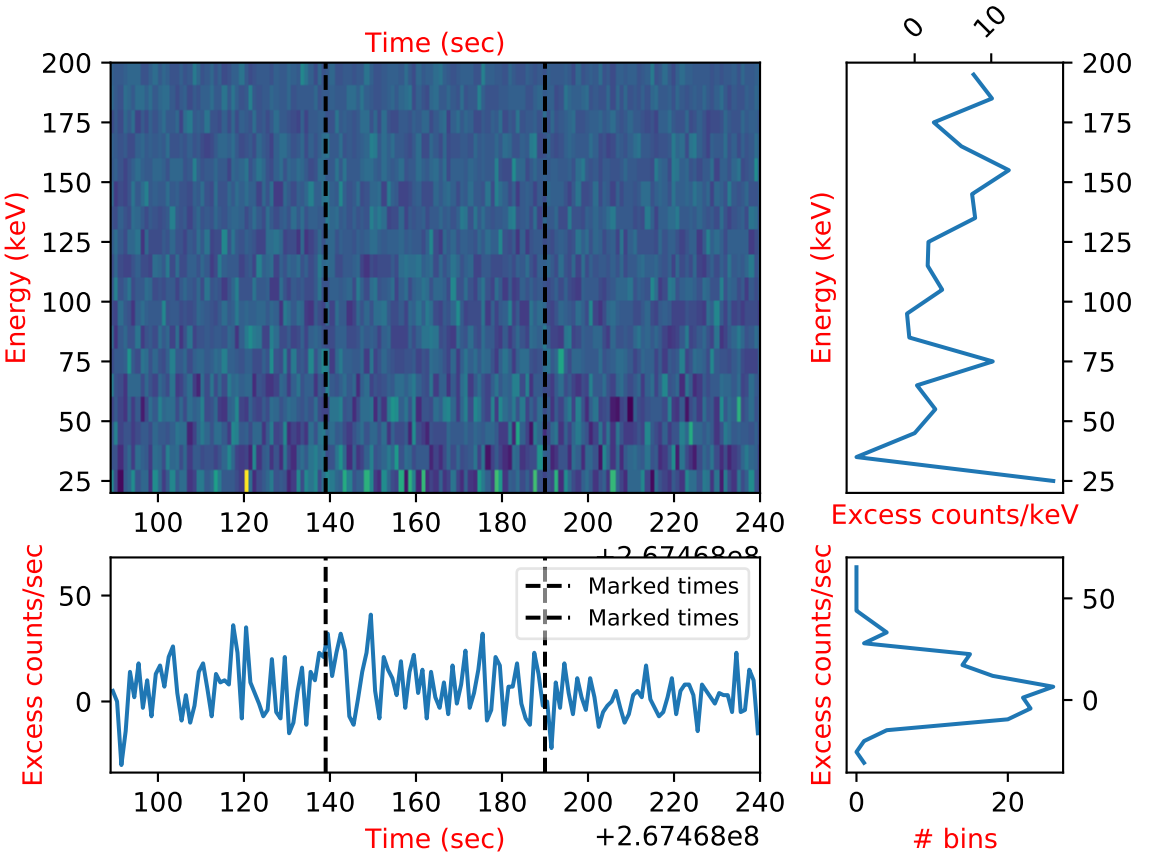
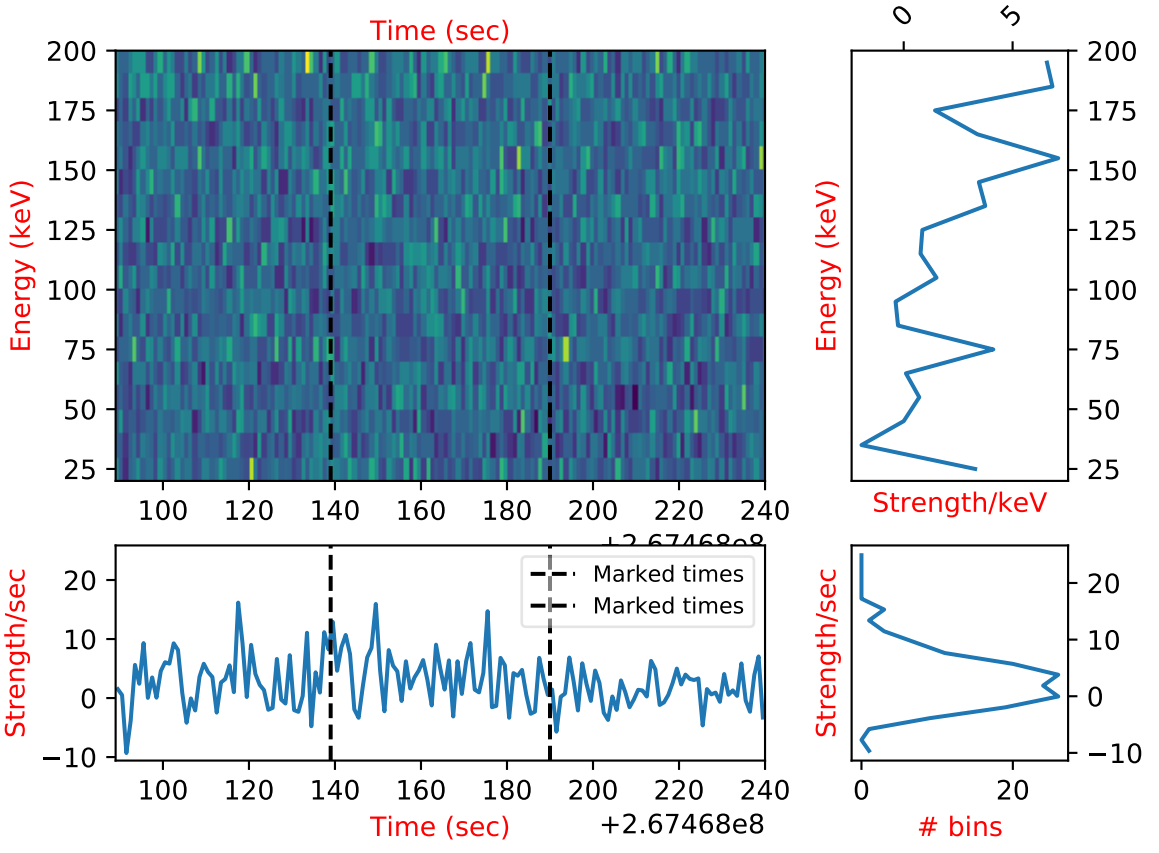
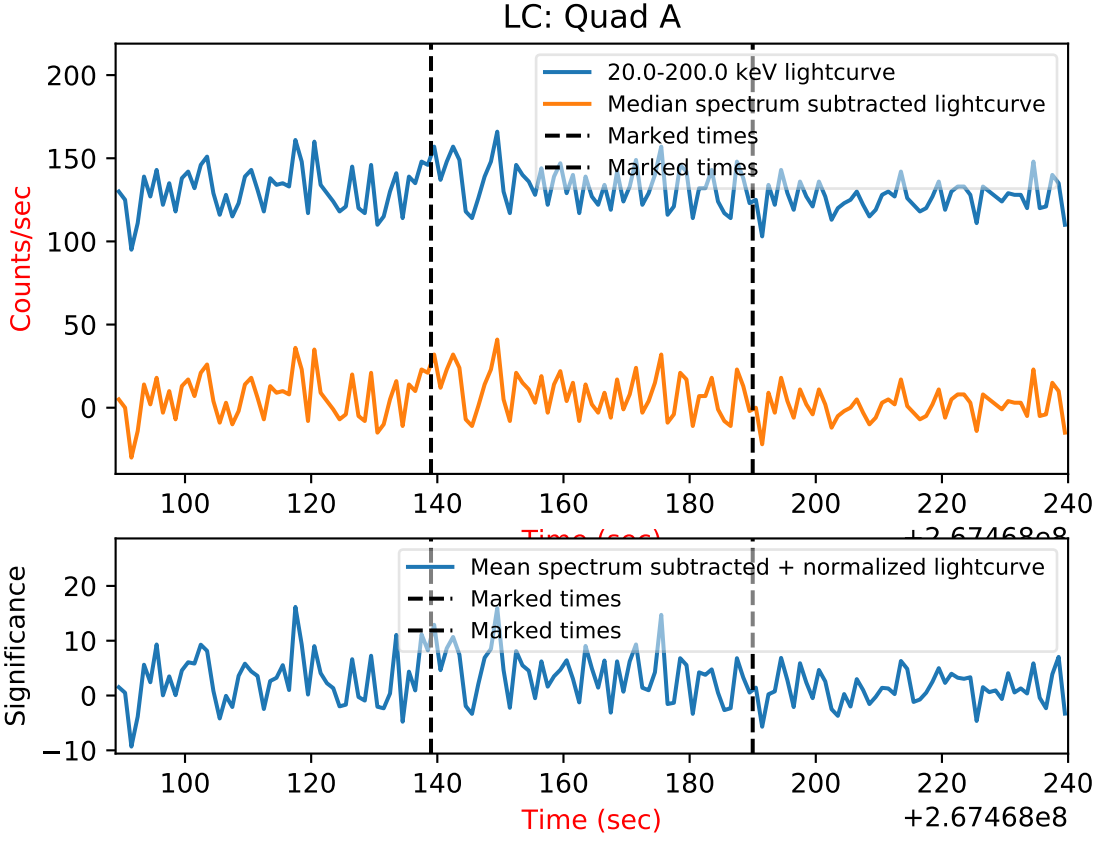
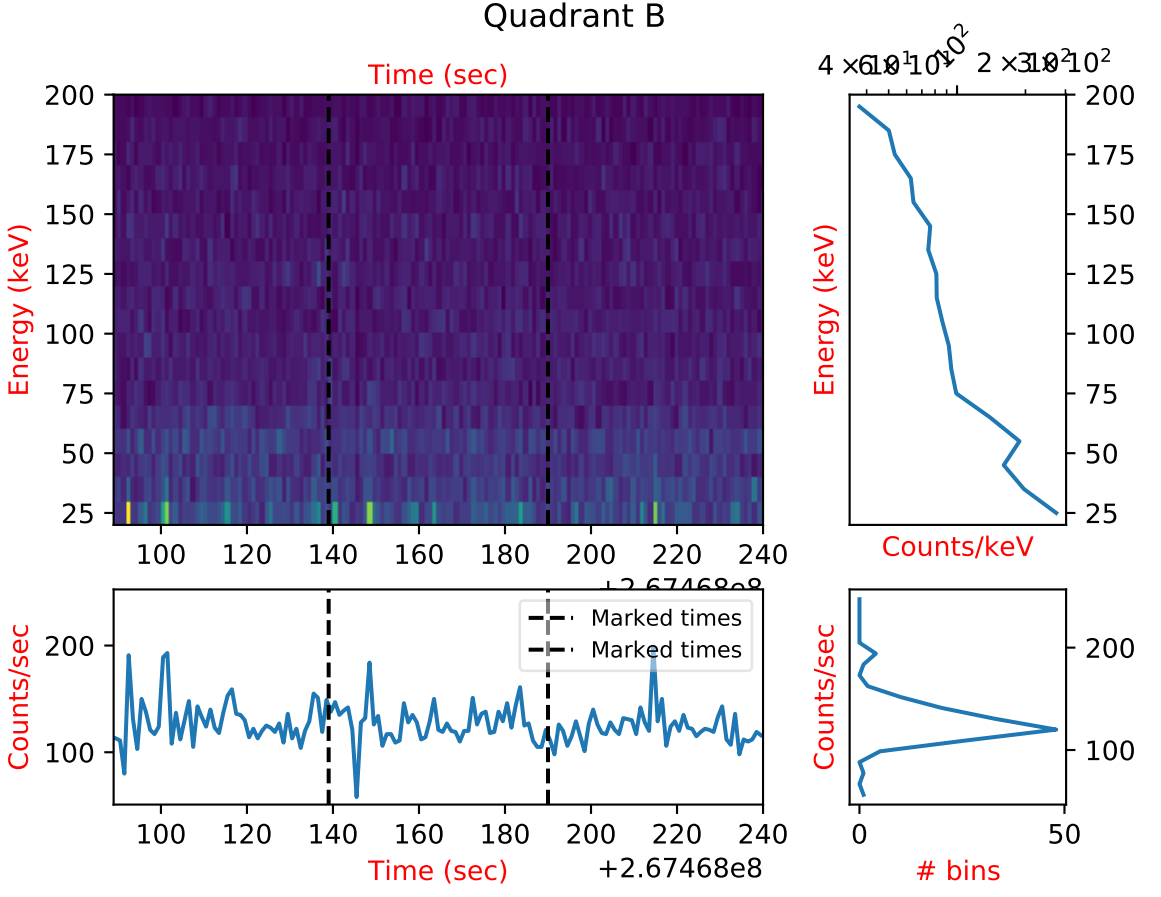
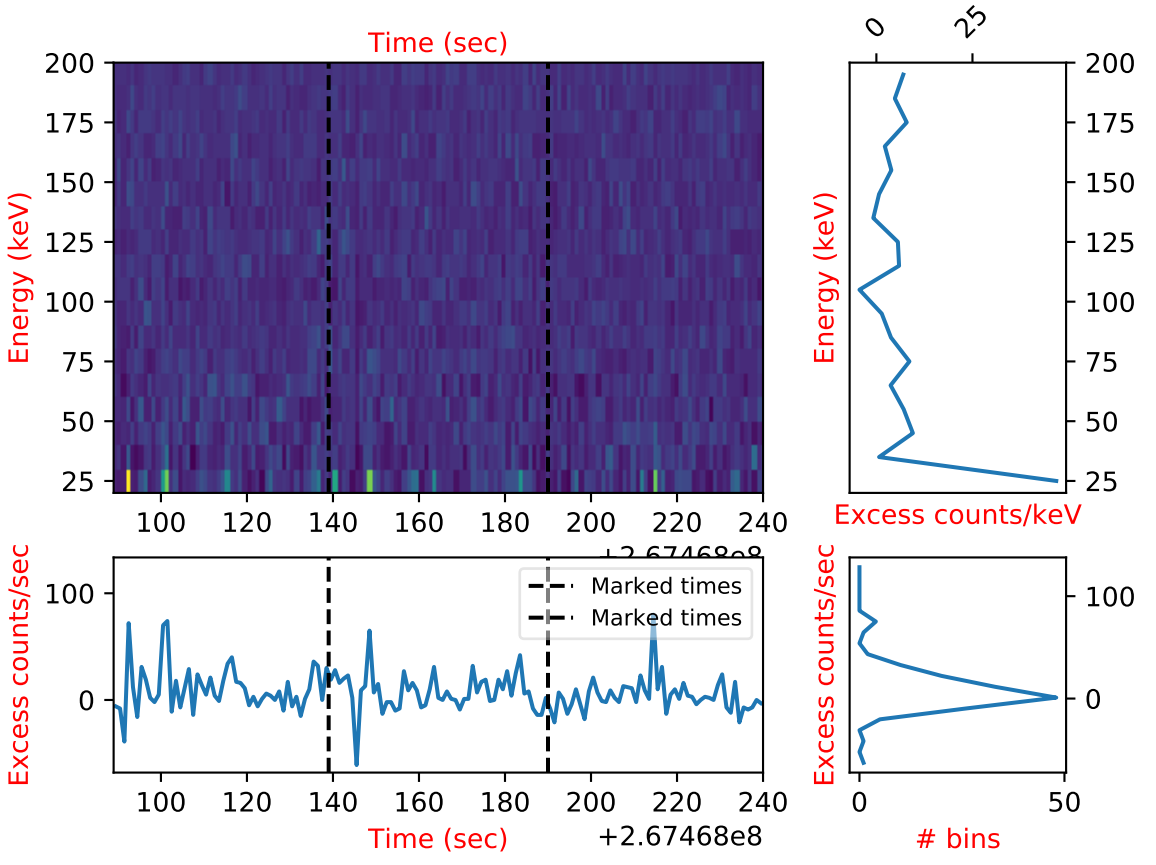

Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.67468e8
+2.67468e8

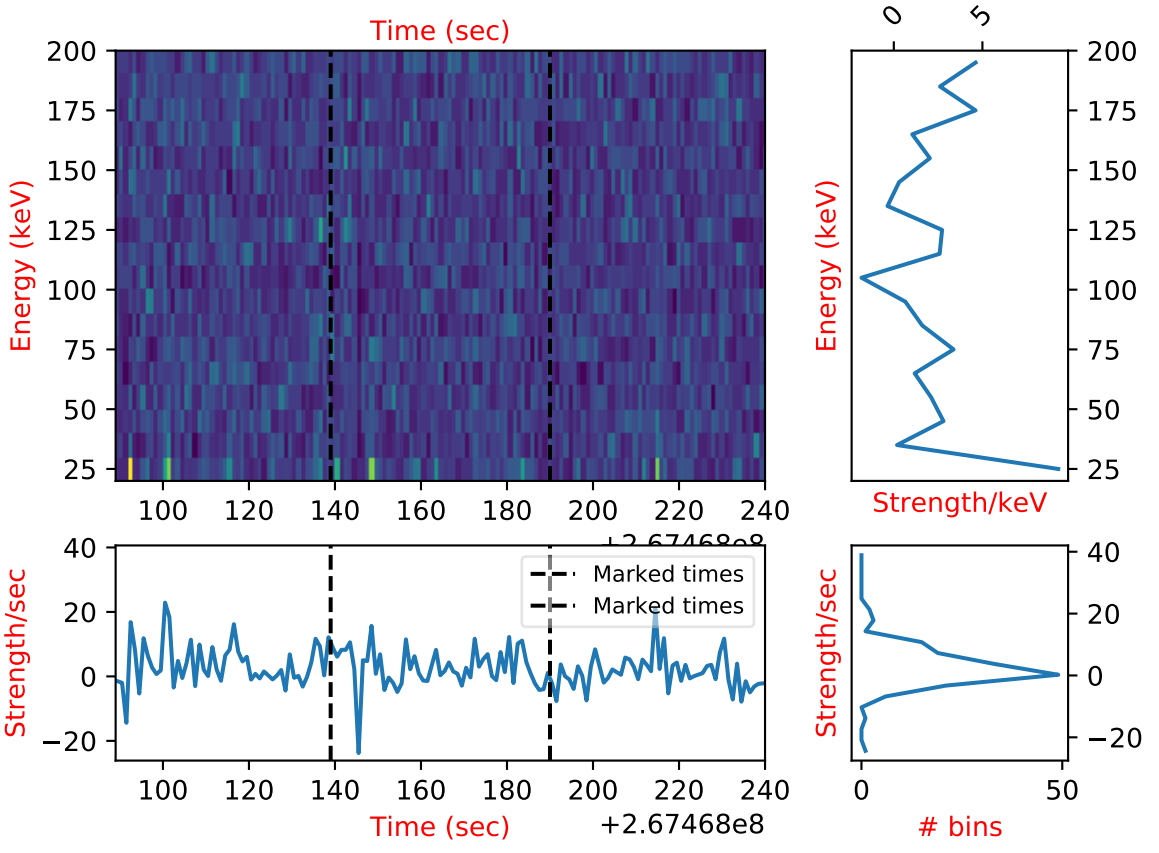

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
0
10
Excess counts/keV
Excess counts/sec
50
0
Marked times
Marked times
+2.67468e8
bins
20

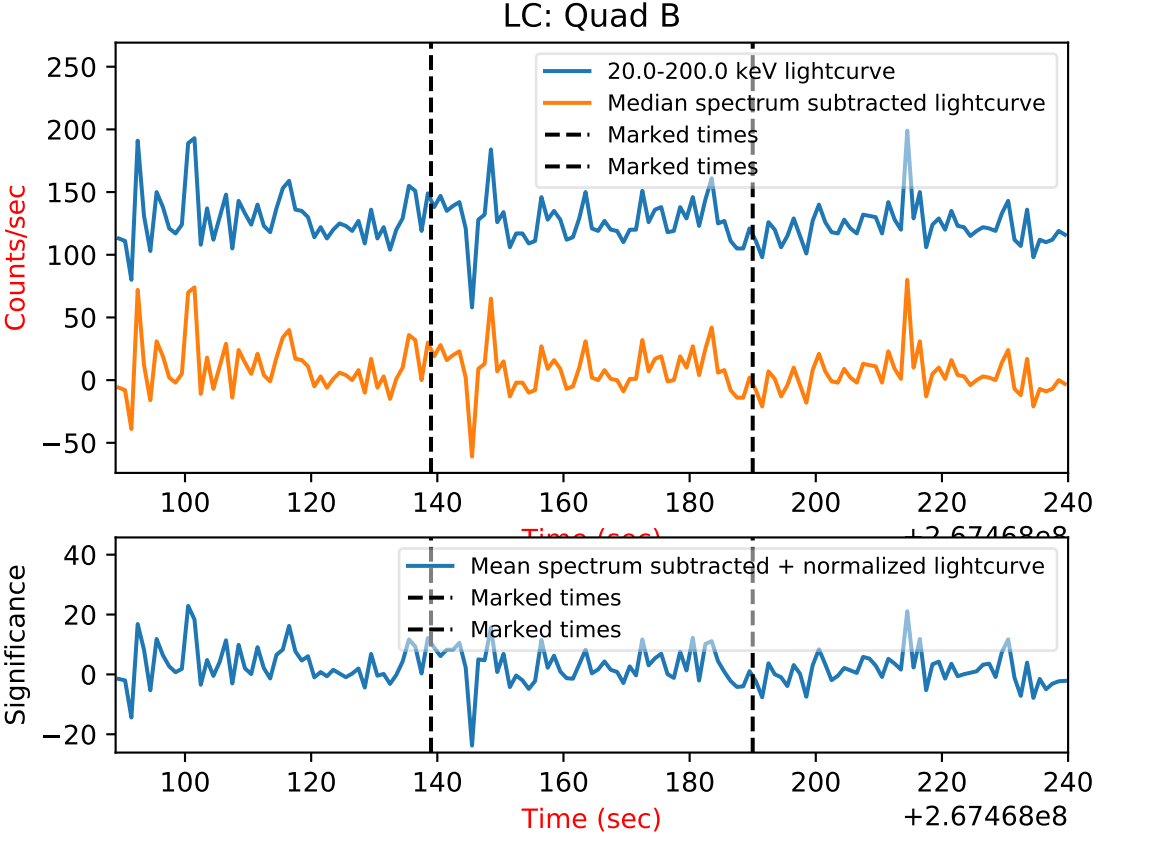

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
+2.67468e8
0
5
Strength/keV
Strength/sec
Marked times
Marked times
20
10
0
−10
bins

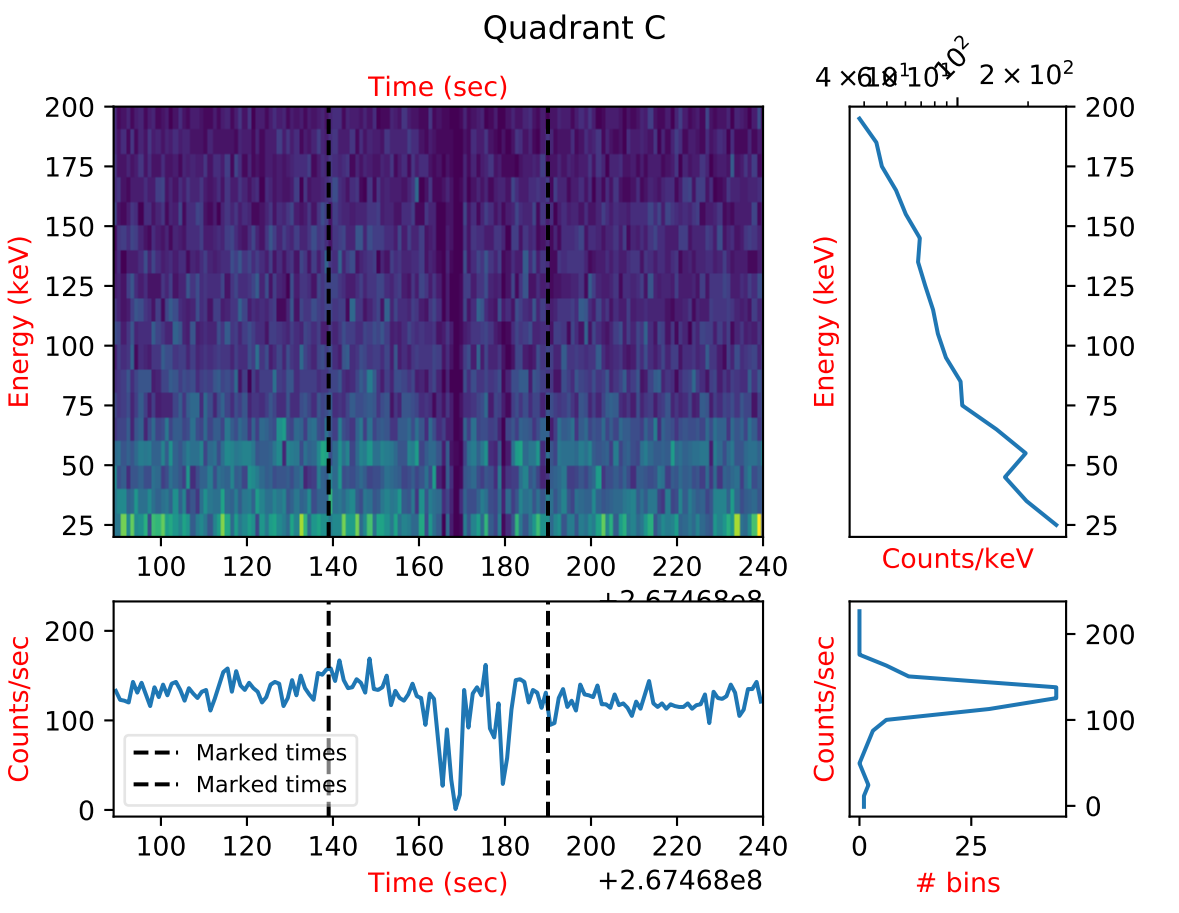

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
200
150
100
50
0
100
120
140
160
180
200
220
240
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
20
10
0
−10
Time (sec)
+2.67468e8

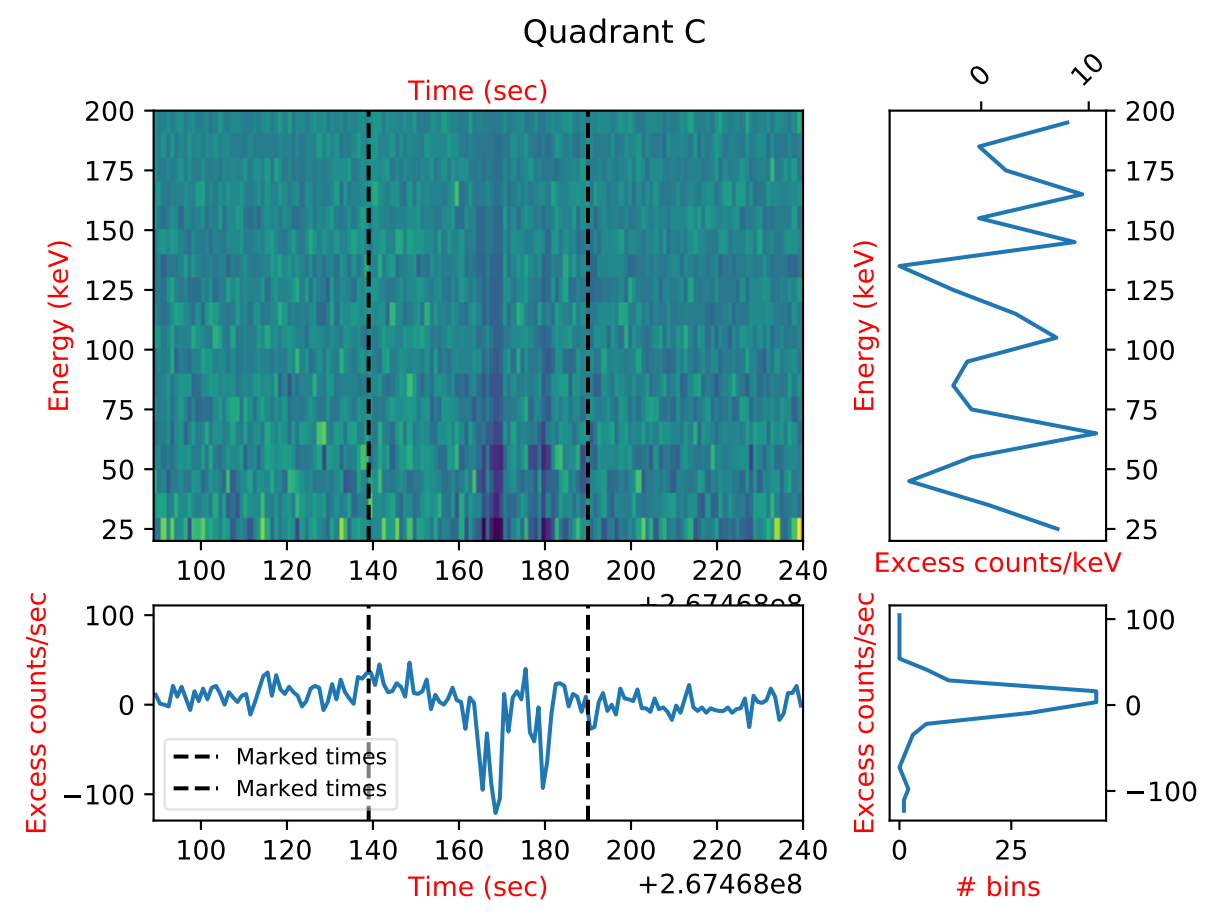

Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
bins
+2.67468e8

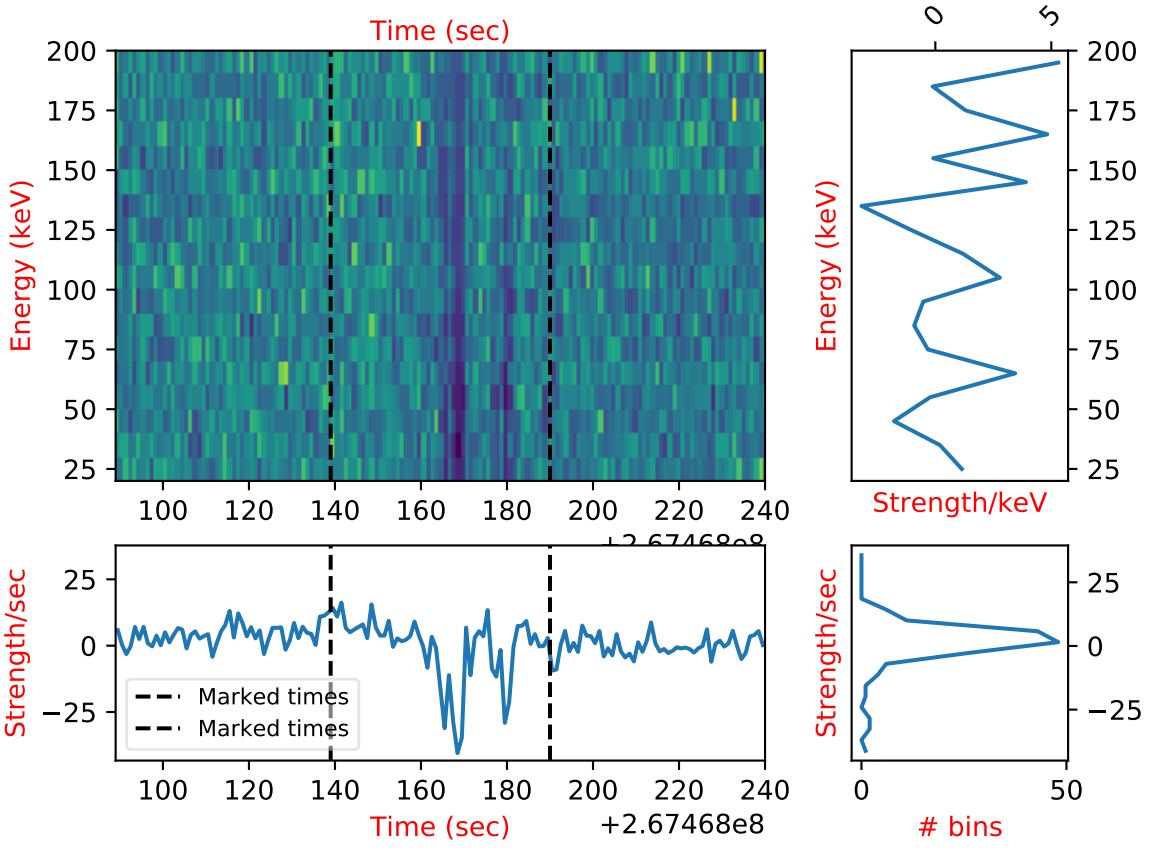

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
0
25
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.67468e8
bins

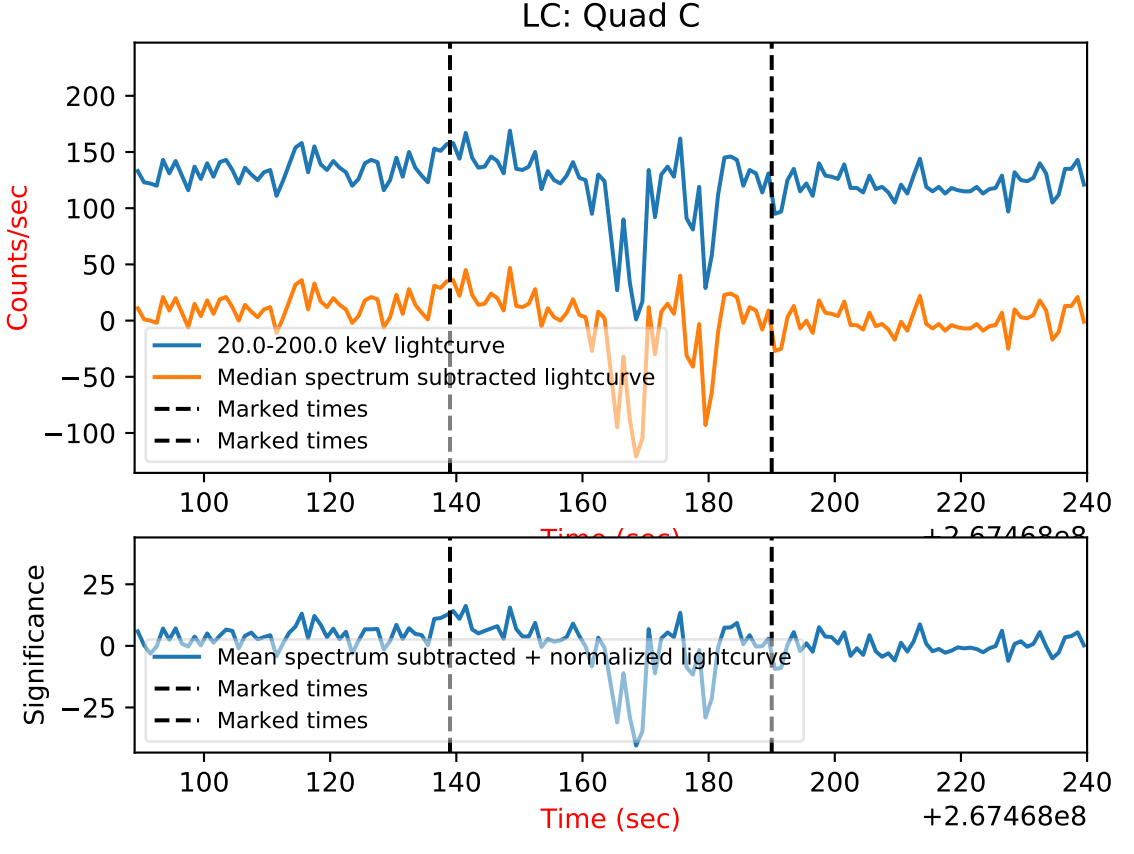

Quadrant B
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
Marked times
+2.67468e8
bins

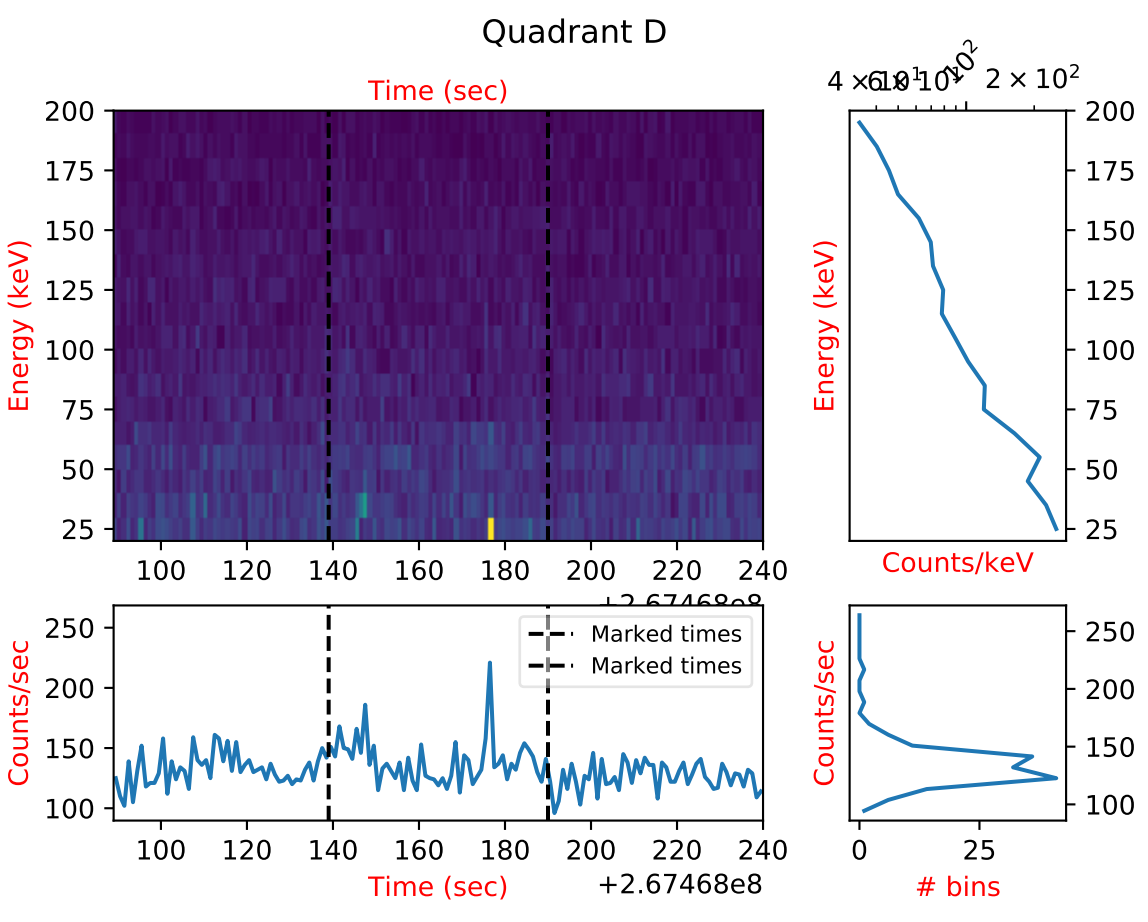

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
250
200
150
100
50
0
−50
100
120
140
160
180
200
220
240
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
40
20
0
−20
Time (sec)
+2.67468e8

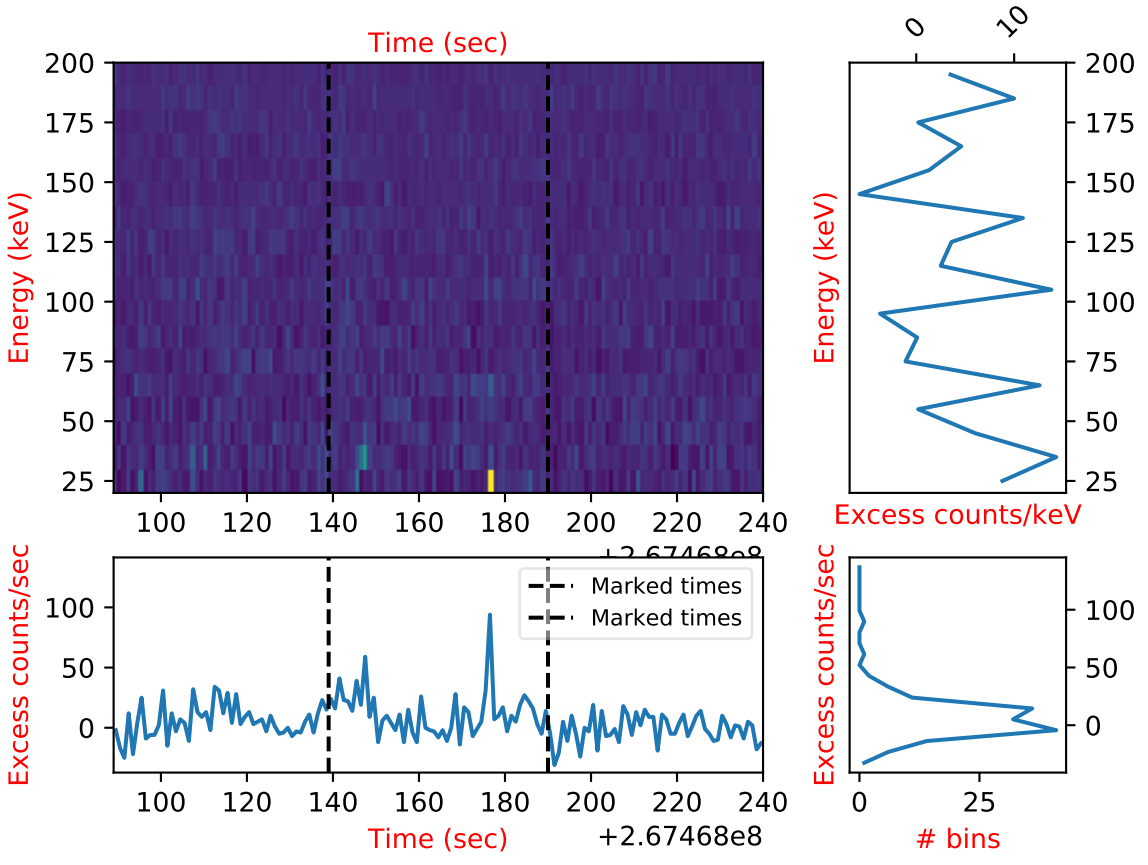

Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.67468e8

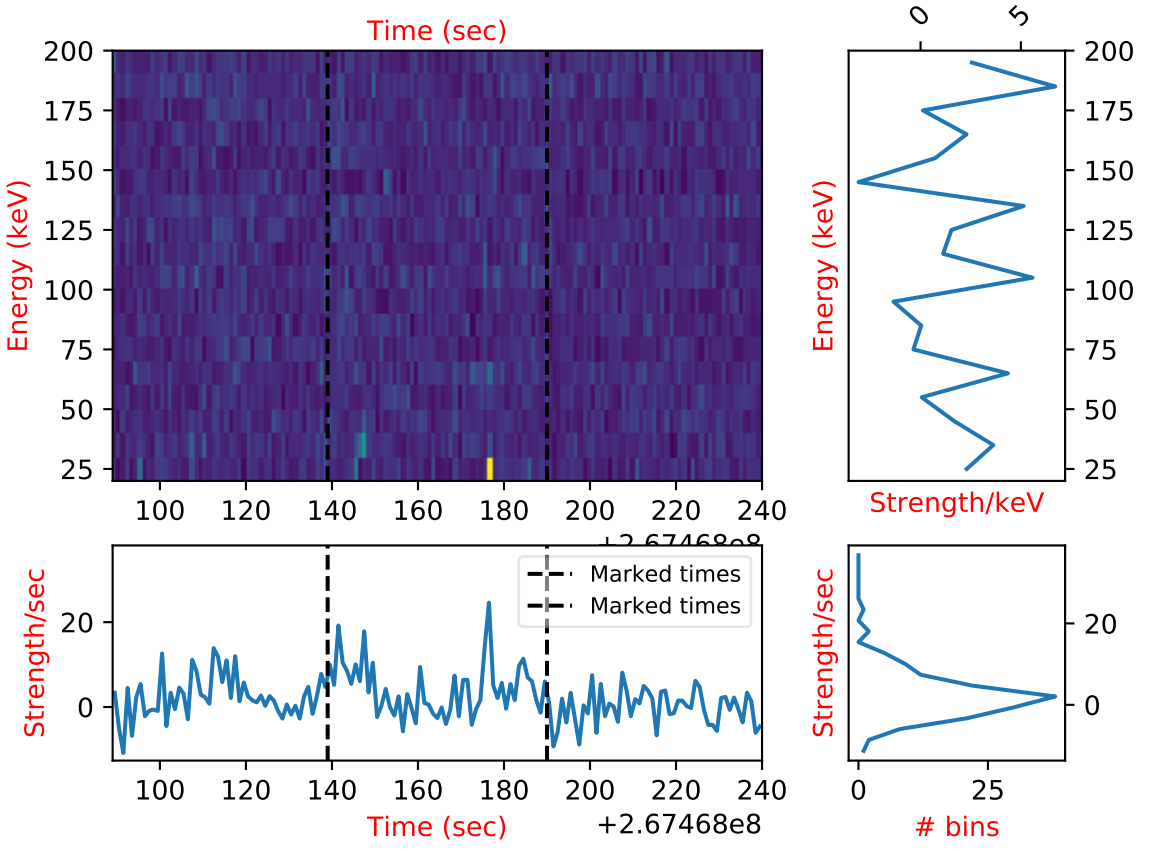

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
+2.67468e8
0
10
Excess counts/keV
Excess counts/sec
100
0
−100
Marked times
Marked times
Time (sec)
+2.67468e8
bins
25

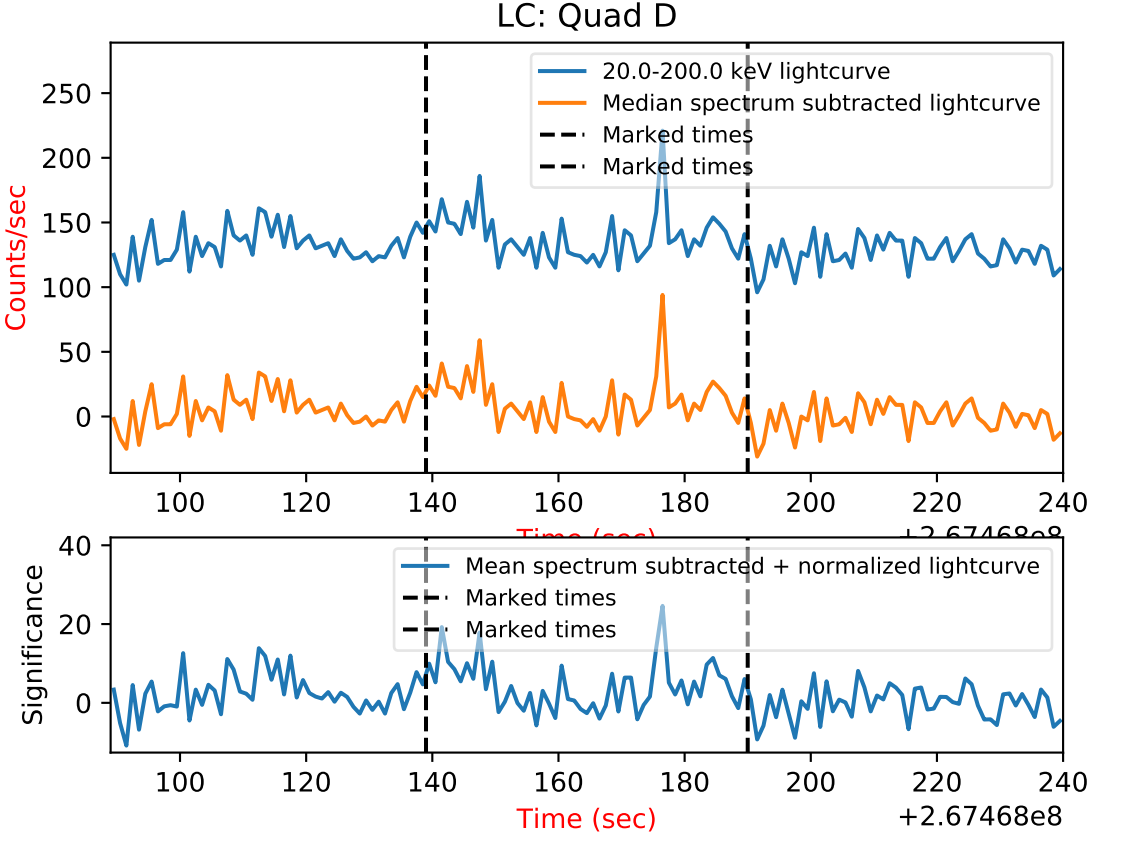

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
+2.67468e8
0
5
Strength/keV
Strength/sec
25
0
−25
Marked times
Marked times
Time (sec)
+2.67468e8
bins
50

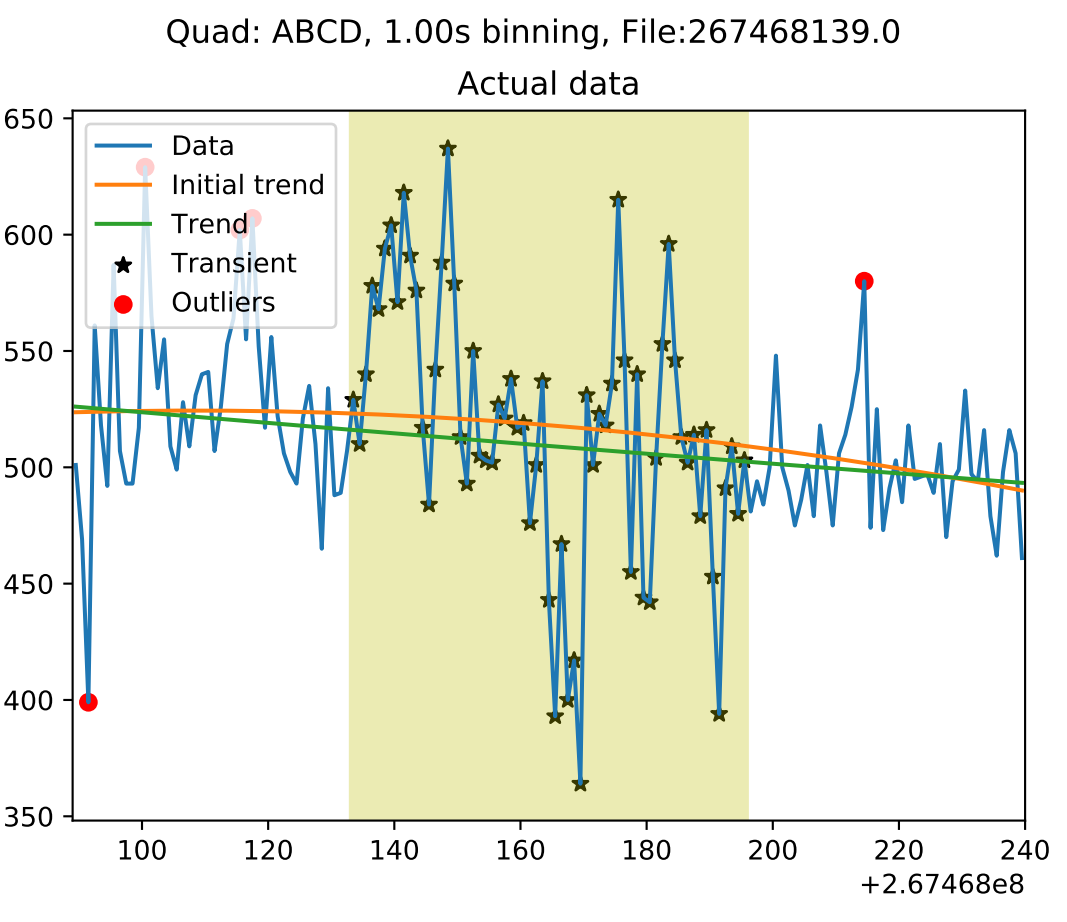

LC: Quad C
Counts/sec
200
150
100
50
0
−50
−100
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
100
120
140
160
180
200
220
240
+2.67468e8
Significance
25
0
−25
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Time (sec)

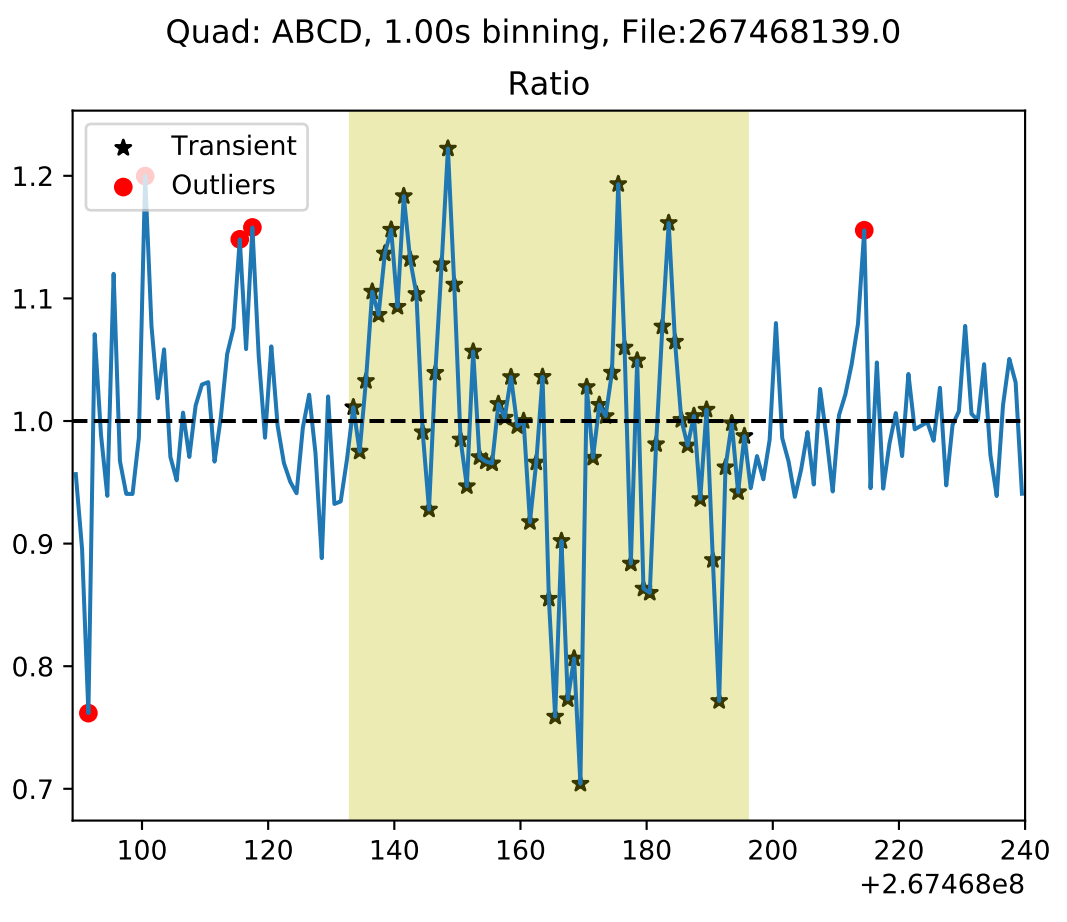

Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.67468e8

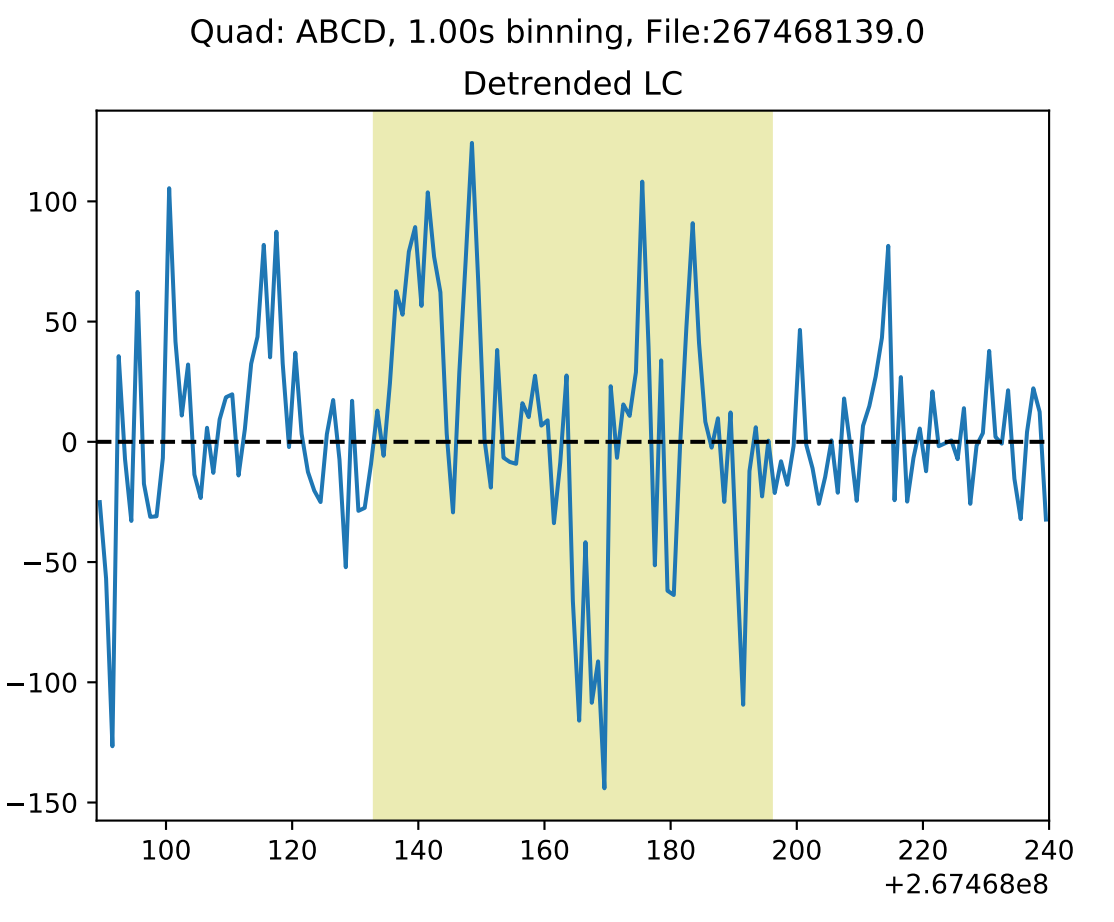

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.67468e8
bins


Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
100
120
140
160
180
200
220
240
0
5
Strength/keV
Strength/sec
20
0
Marked times
Marked times
+2.67468e8
bins
25

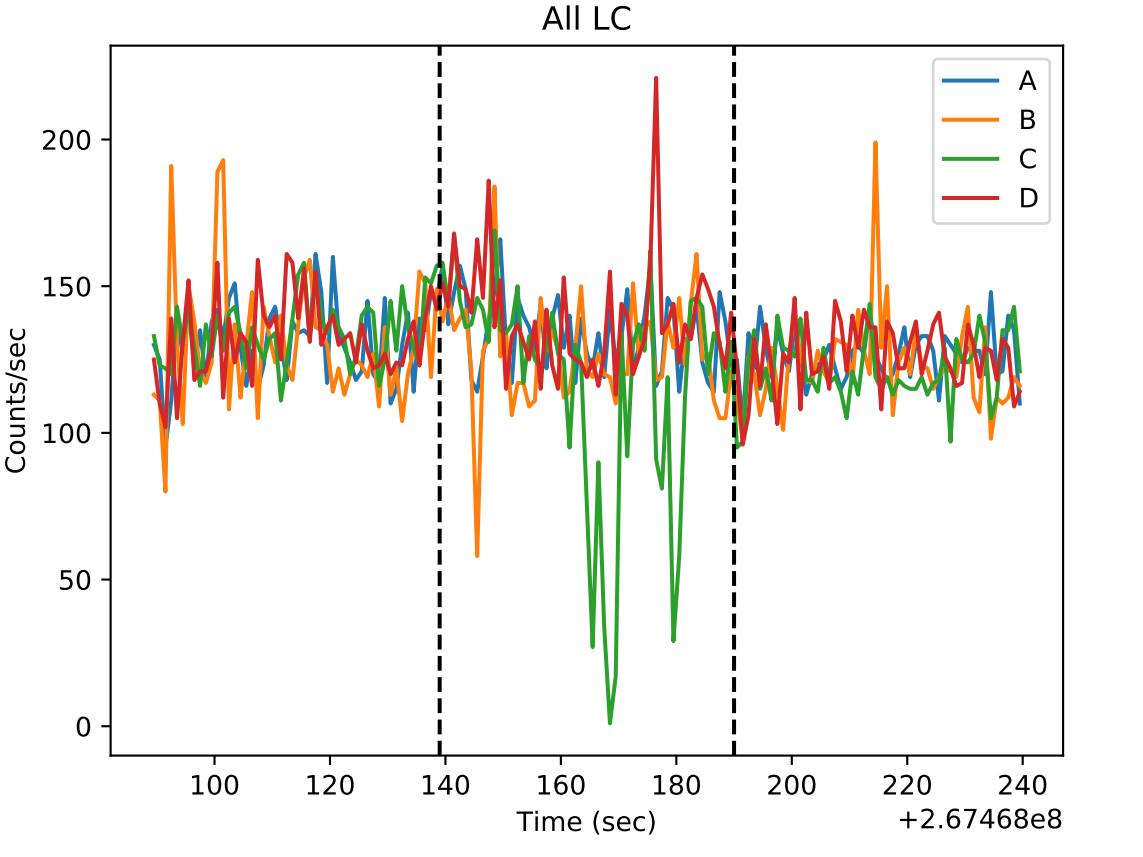

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
250
200
150
100
50
0
100
120
140
160
180
200
220
240
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
40
20
0
Time (sec)
+2.67468e8


Quad: ABCD, 1.00s binning, File:267468139.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
650
600
550
500
450
400
350
100
120
140
160
180
200
220
240
+2.67468e8


Quad: ABCD, 1.00s binning, File:267468139.0
Ratio
Transient
Outliers
1.2
1.1
1.0
0.9
0.8
0.7
100
120
140
160
180
200
220
240
+2.67468e8


Quad: ABCD, 1.00s binning, File:267468139.0
Detrended LC
100
50
0
−50
−100
−150
100
120
140
160
180
200
220
240
+2.67468e8

Quad: ABCD, 1.00s binning, File:267468139.0
T90 measurement
Without outlier rejection
With outlier rejection
T90 = 5.99
2.0
1.5
1.0
0.5
0.0
100
120
140
160
180
200
220
240
+2.67468e8


All LC
A
B
C
D
Counts/sec
0
50
100
150
200
100
120
140
160
180
200
220
240
Time (sec)
+2.67468e8