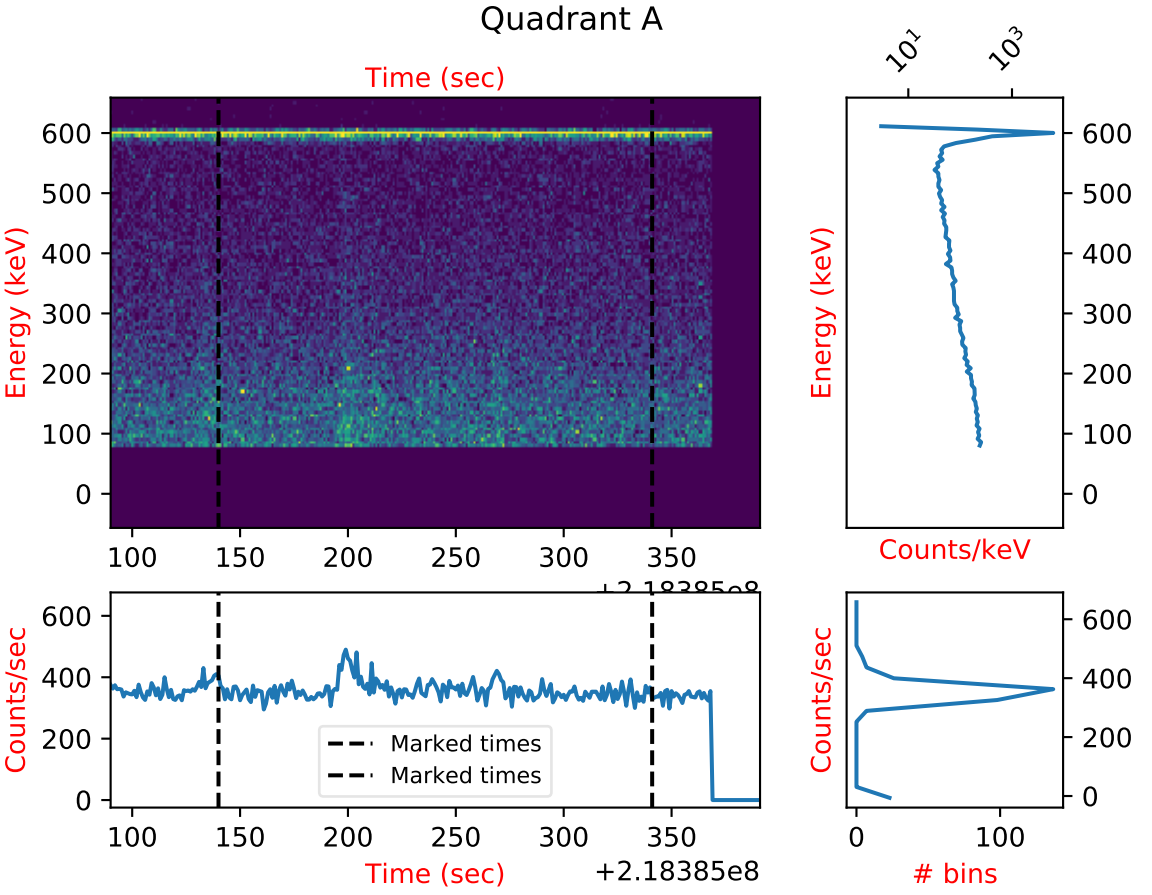
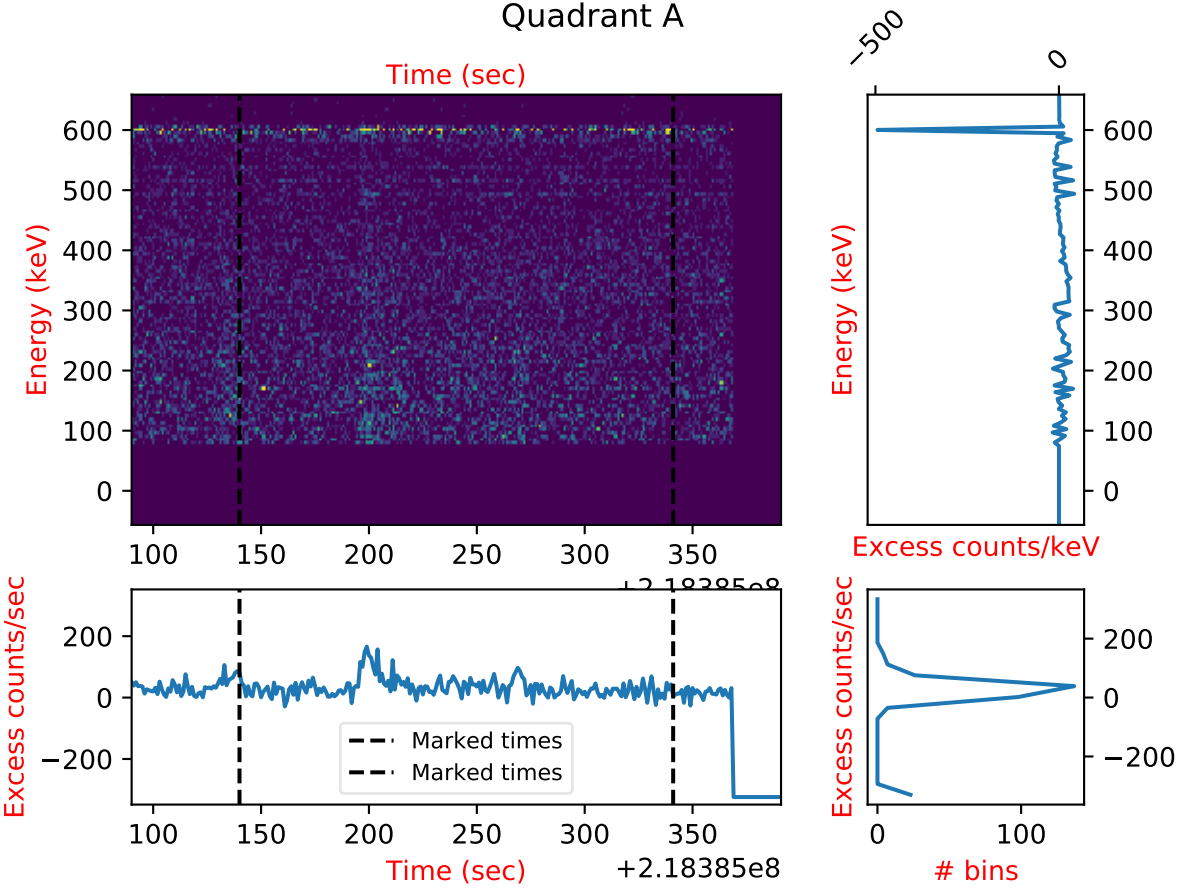
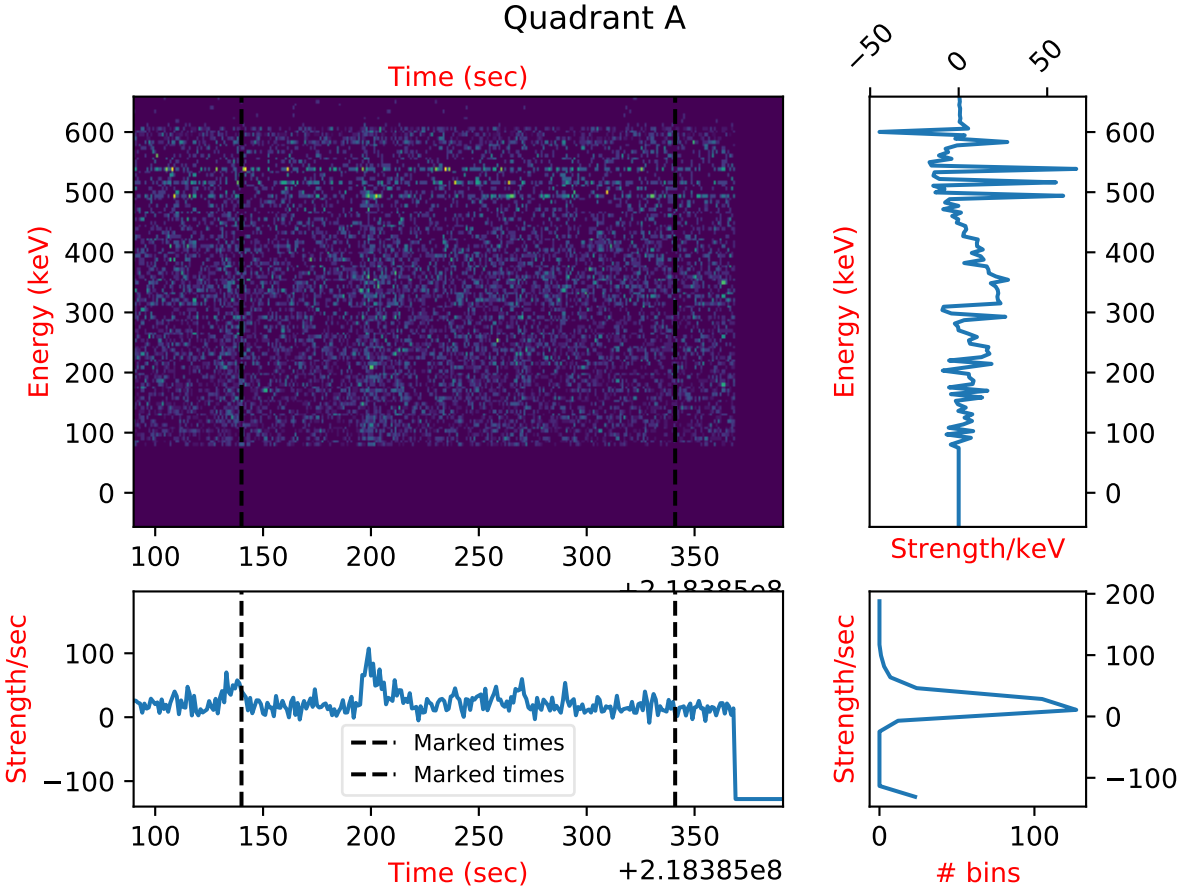
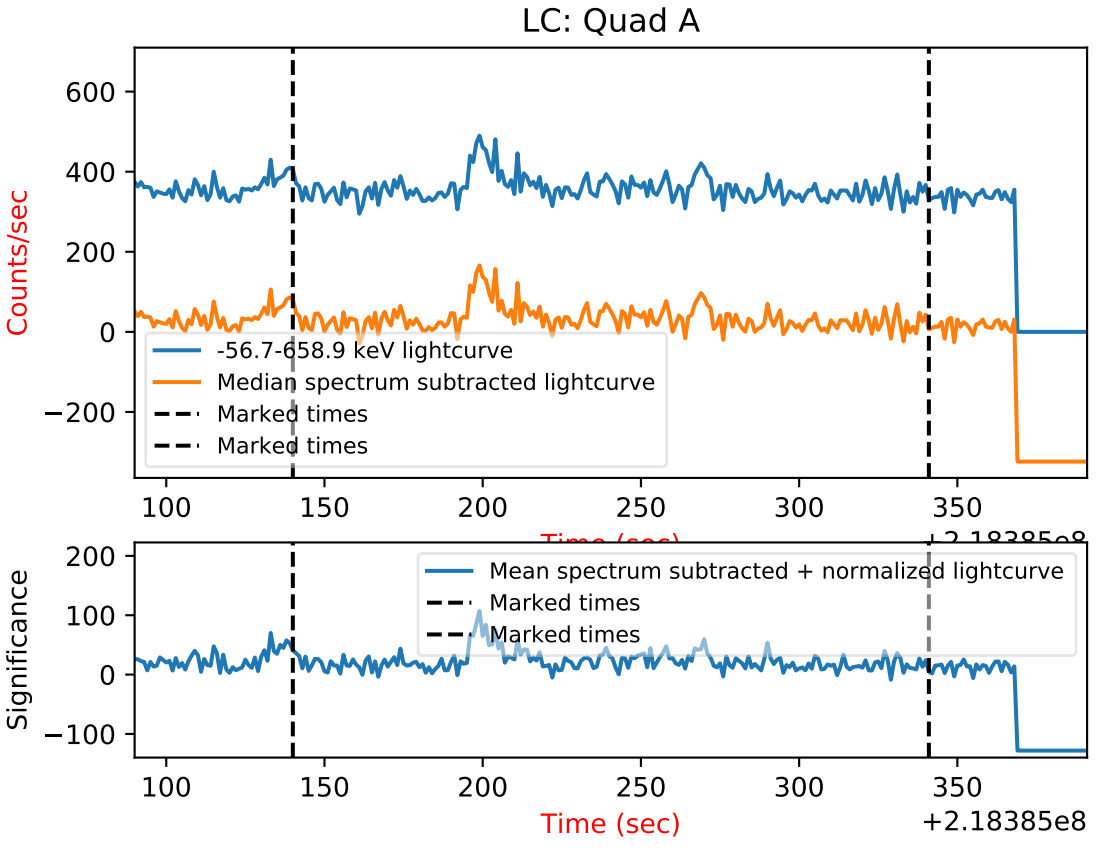
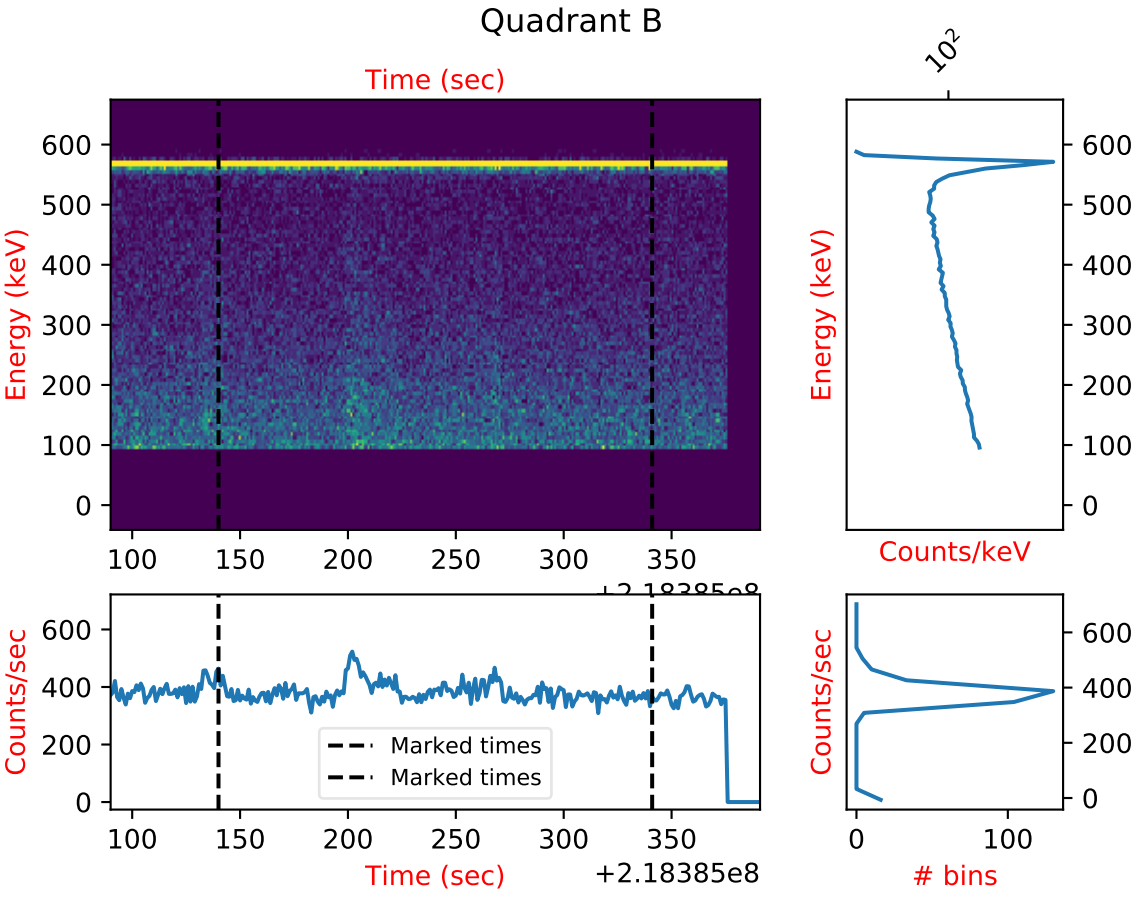
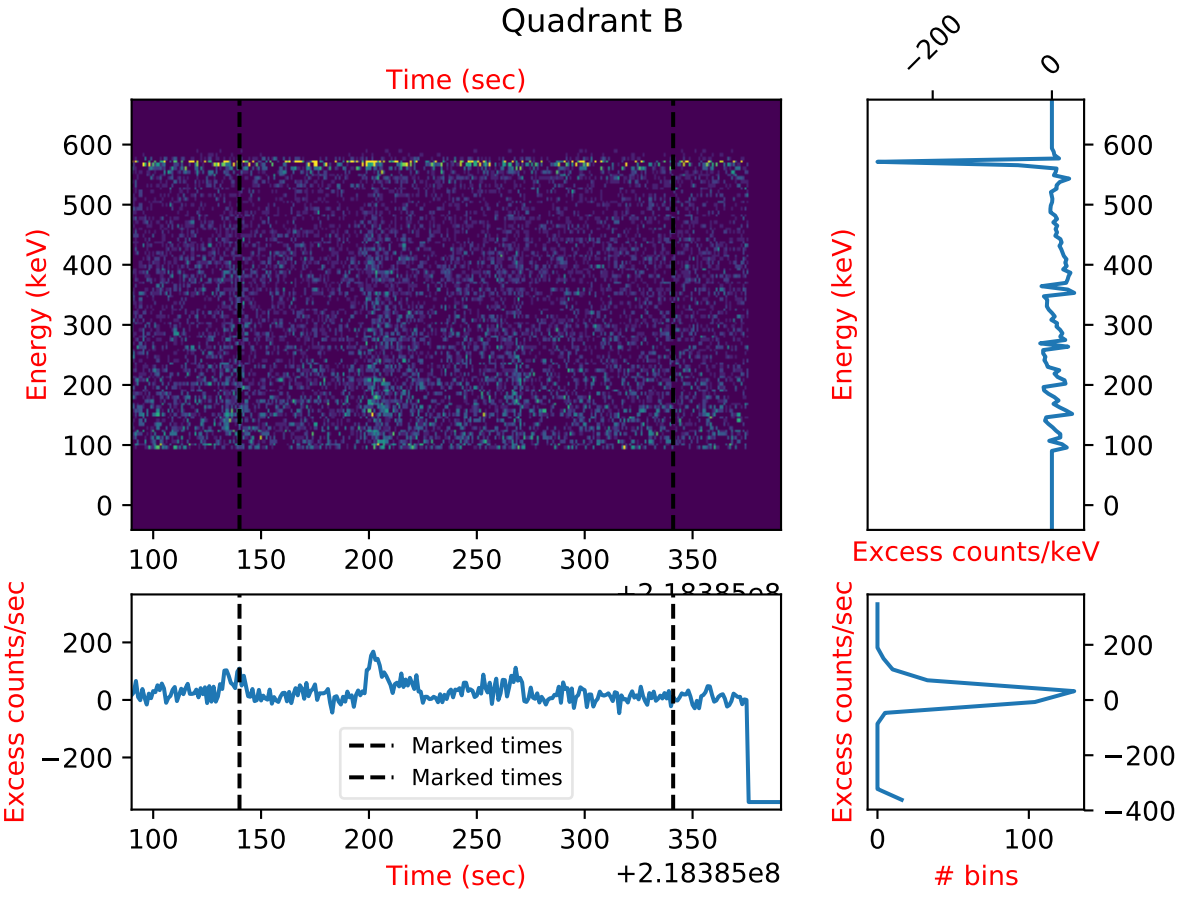

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
10^1
10^3
Counts/keV
Counts/sec
Marked times
Marked times
Time (sec)
+2.18385e8
bins

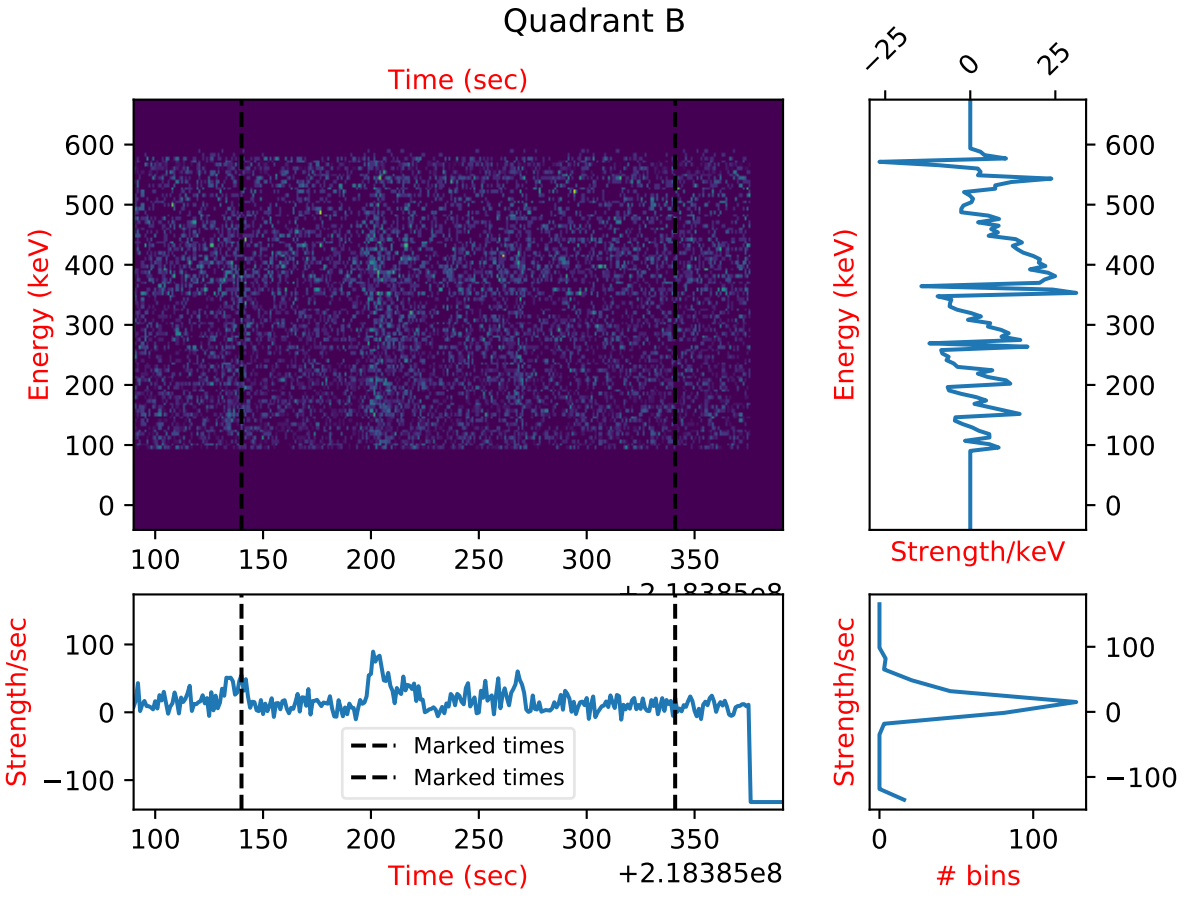

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
−500
0
Excess counts/keV
Excess counts/sec
200
0
−200
Marked times
Marked times
Time (sec)
+2.18385e8
bins

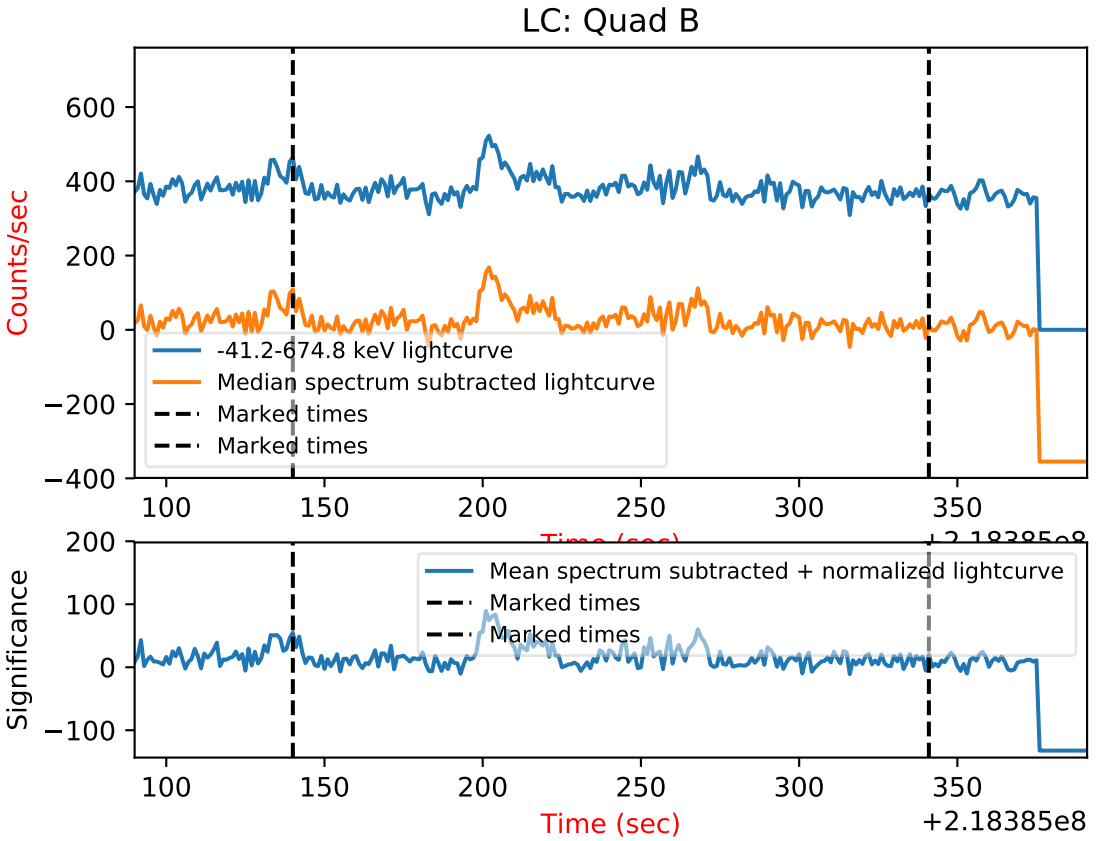

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
+2.18385e8
Strength/keV
−50
0
50
Strength/sec
100
0
−100
Marked times
Marked times
Time (sec)
+2.18385e8
bins
200

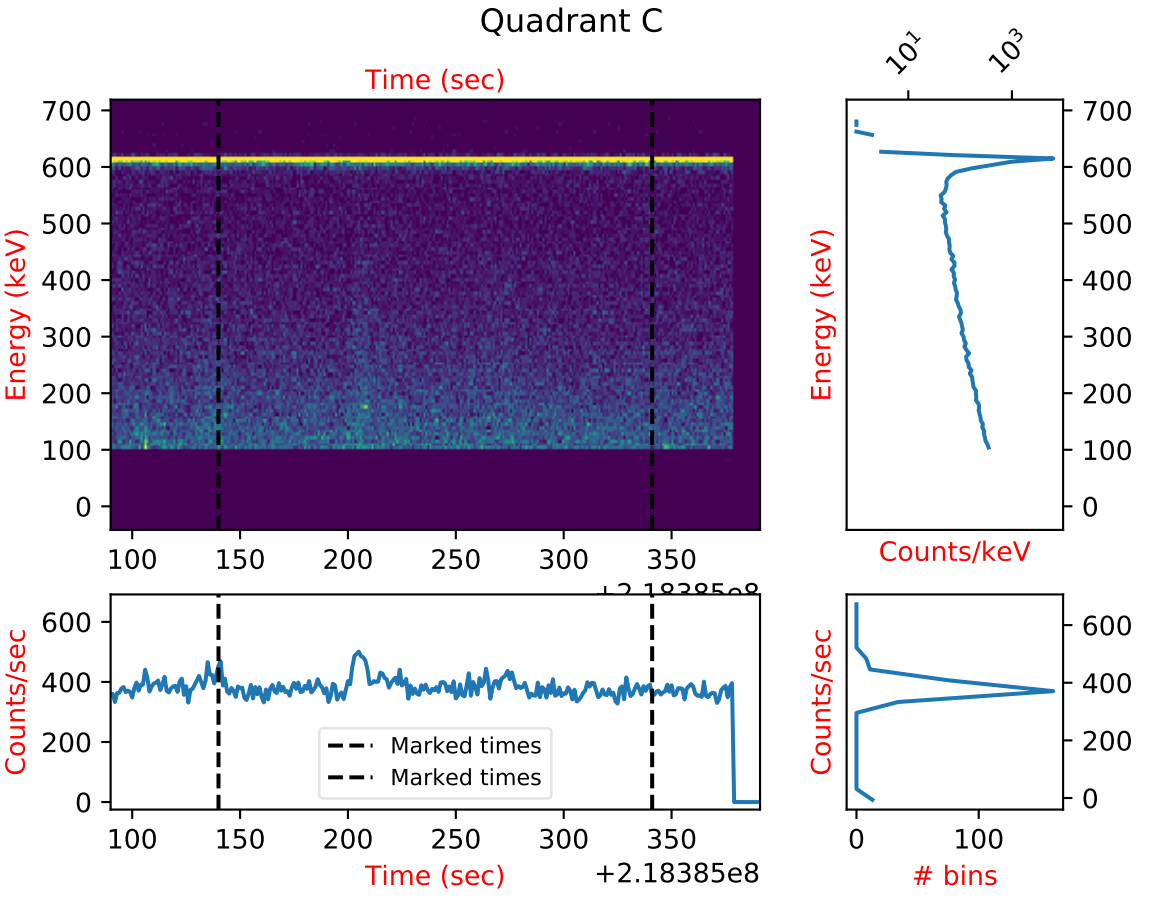

LC: Quad A
Counts/sec
600
400
200
0
−200
-56.7-658.9 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
100
150
200
250
300
350
Significance
200
100
0
−100
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Time (sec)
+2.18385e8

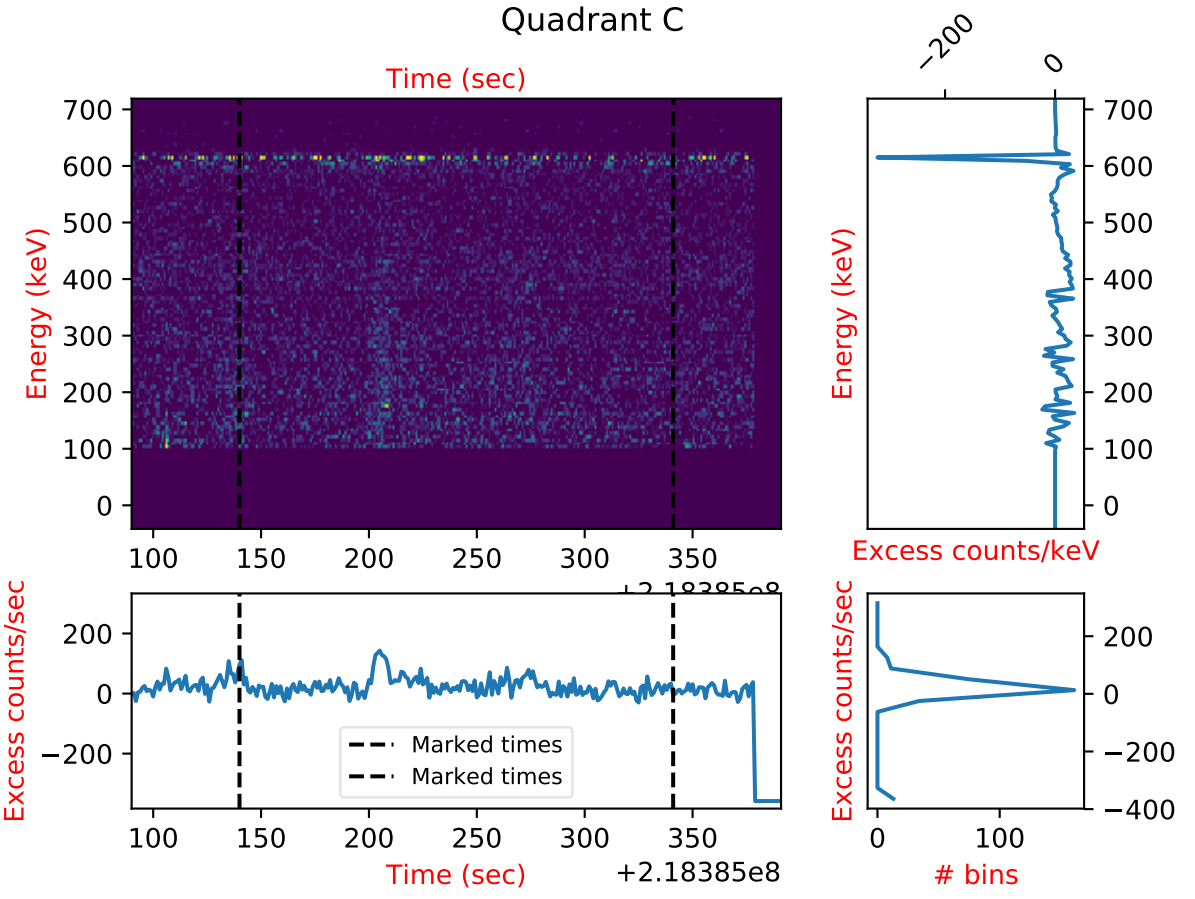

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
10^2
Counts/keV
Counts/sec
Marked times
Marked times
Time (sec)
+2.18385e8
bins

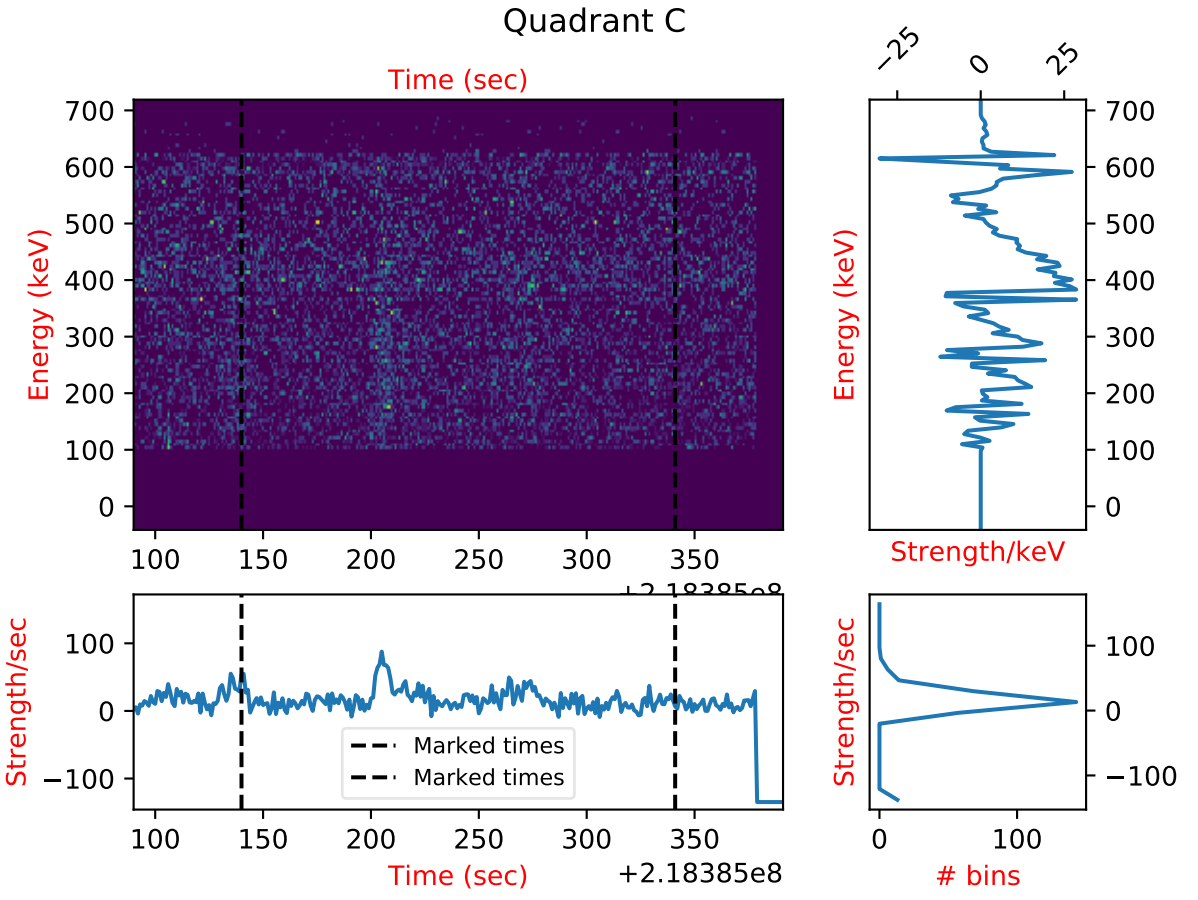

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
−200
0
Excess counts/keV
Excess counts/sec
200
0
−200
Marked times
Marked times
Time (sec)
+2.18385e8
−400
bins

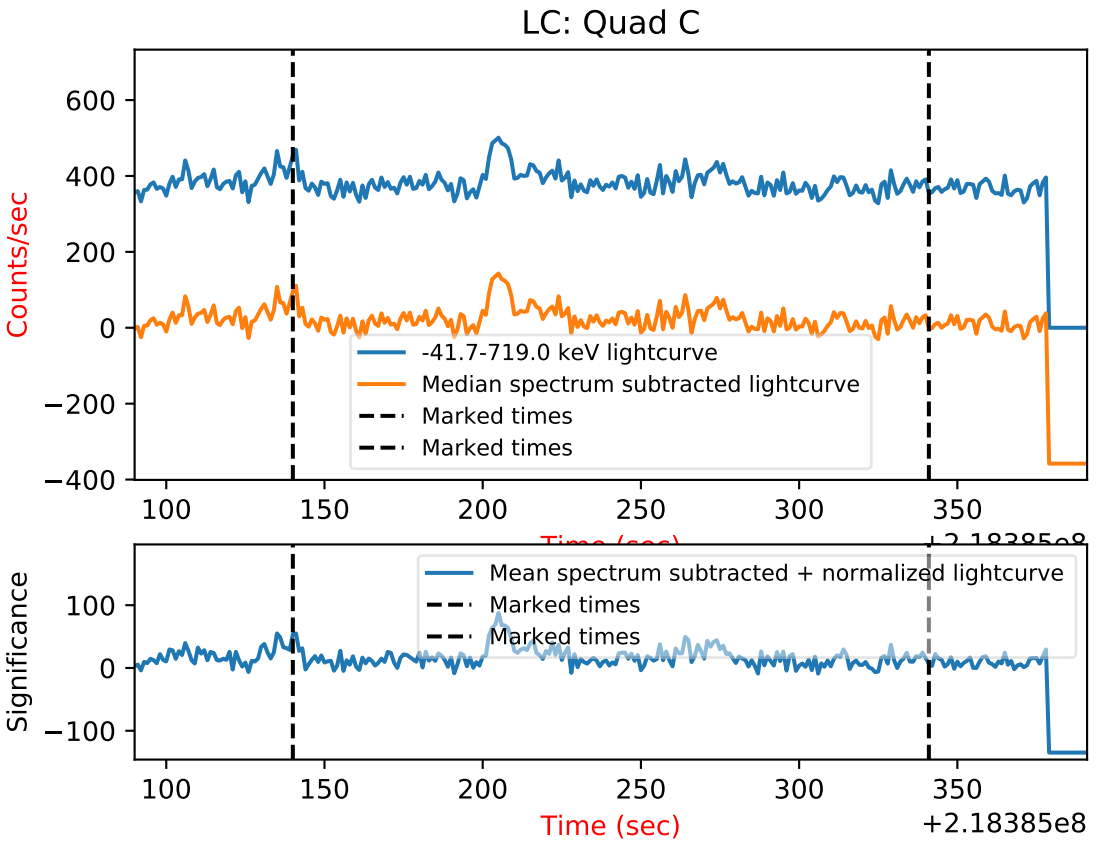

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
+2.18385e8
−25
0
25
Strength/keV
Strength/sec
100
0
−100
Marked times
Marked times
Time (sec)
+2.18385e8
bins

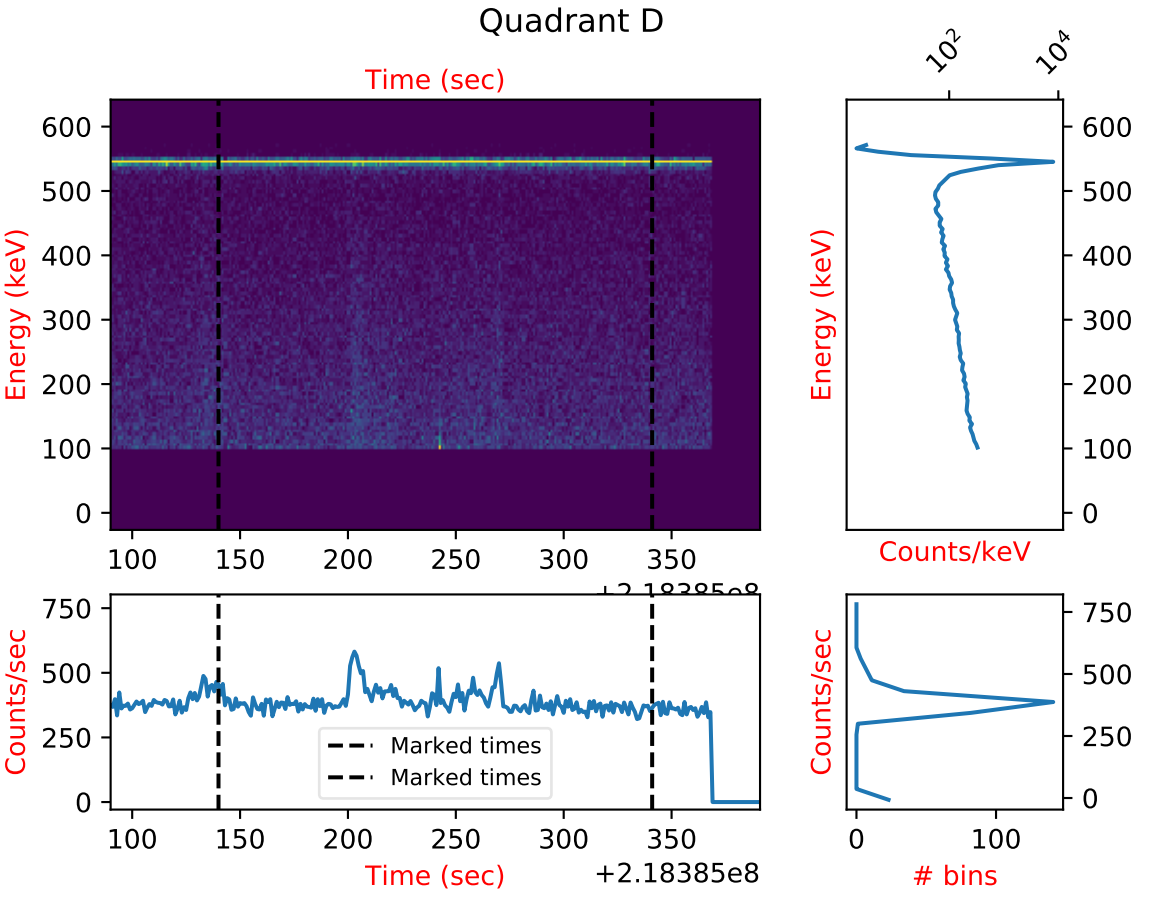

LC: Quad B
Counts/sec
600
400
200
0
−200
−400
-41.2-674.8 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
100
150
200
250
300
350
Significance
200
100
0
−100
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Time (sec)
+2.18385e8

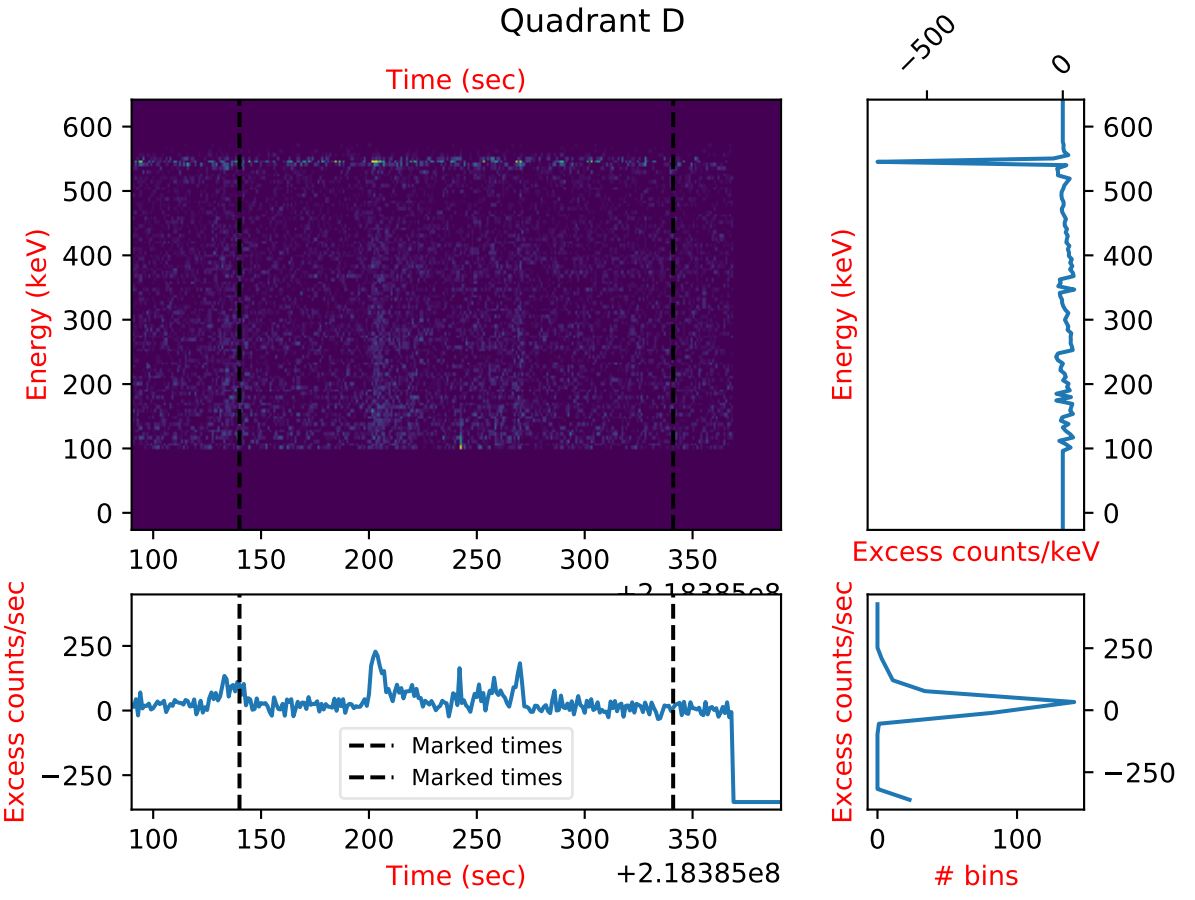

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
100
150
200
250
300
350
+2.18385e8
Counts/sec
600
400
200
0
Marked times
Marked times
Time (sec)
+2.18385e8
10^1
10^3
Counts/keV
bins

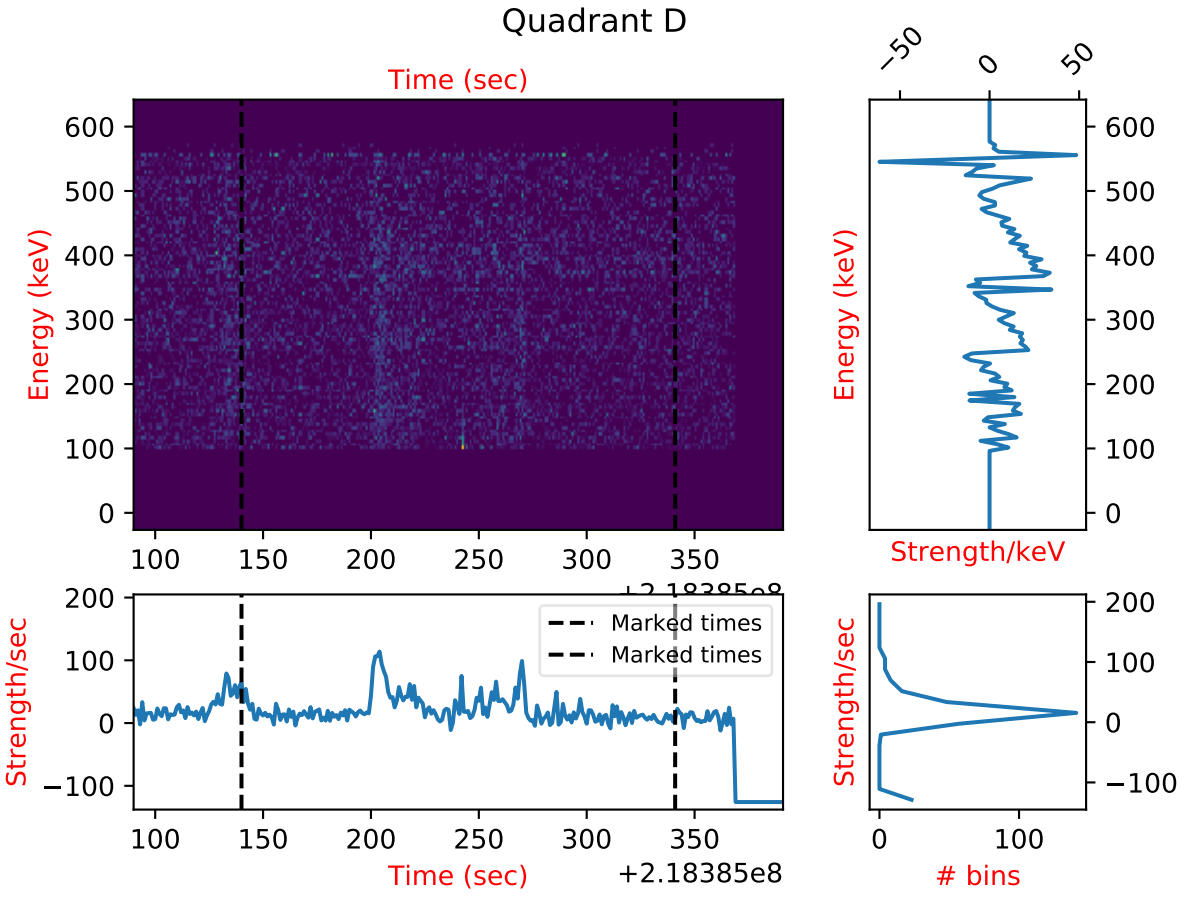

Quadrant C
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
Marked times
Time (sec)
+2.18385e8
bins

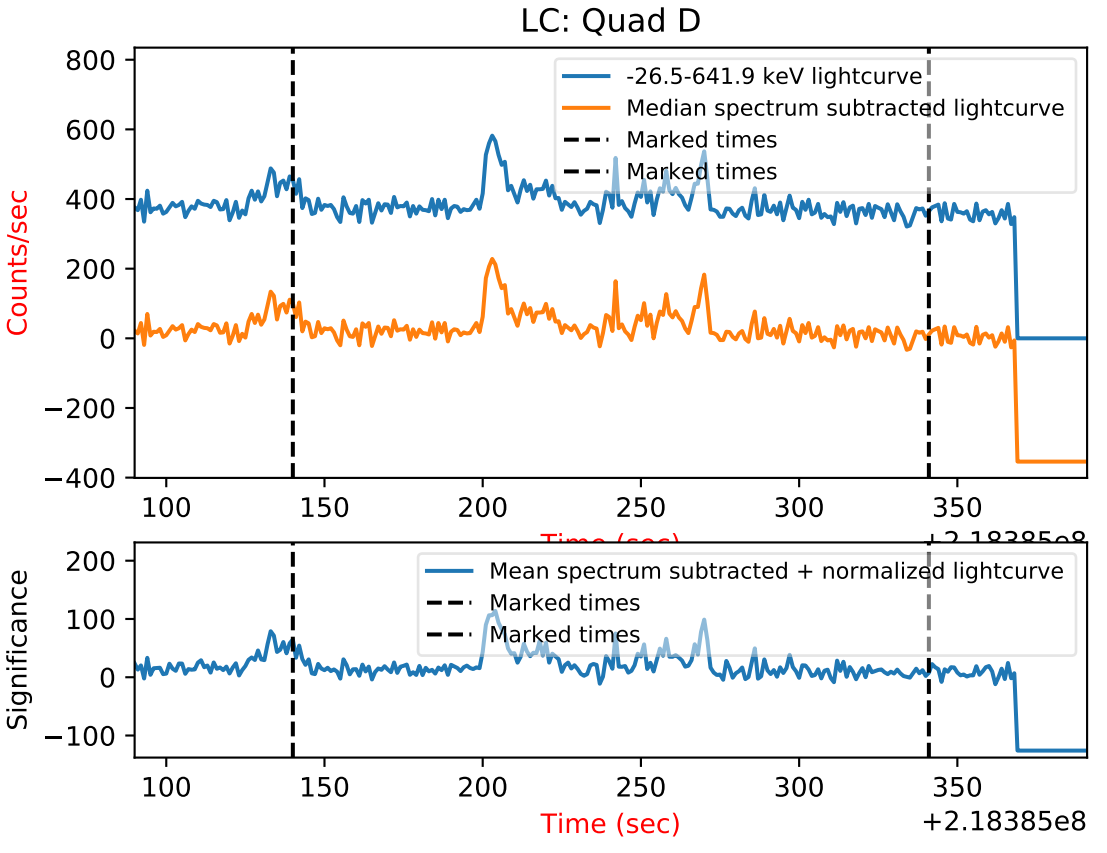

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
100
150
200
250
300
350
+2.18385e8
−25
0
25
Strength/keV
Strength/sec
100
0
−100
Marked times
Marked times
Time (sec)
+2.18385e8
bins

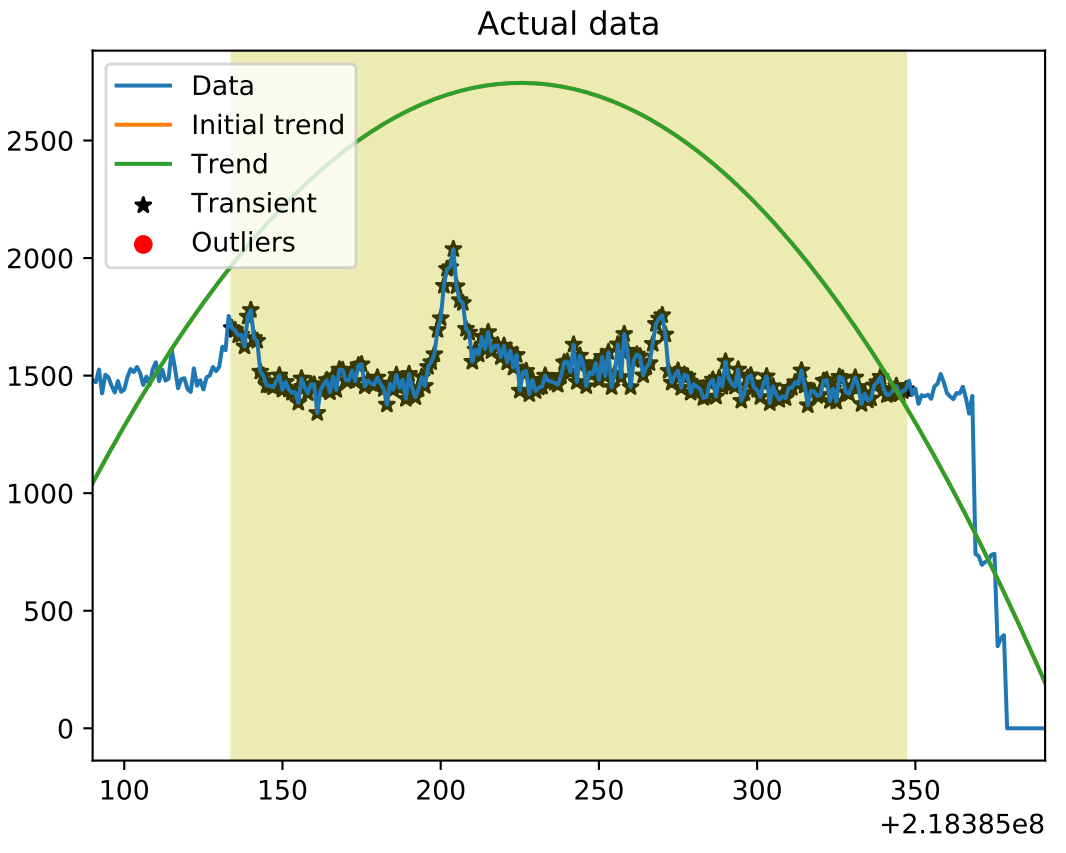

LC: Quad C
Counts/sec
600
400
200
0
−200
−400
-41.7-719.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
100
150
200
250
300
350
Significance
100
0
−100
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
100
150
200
250
300
350
Time (sec)
+2.18385e8

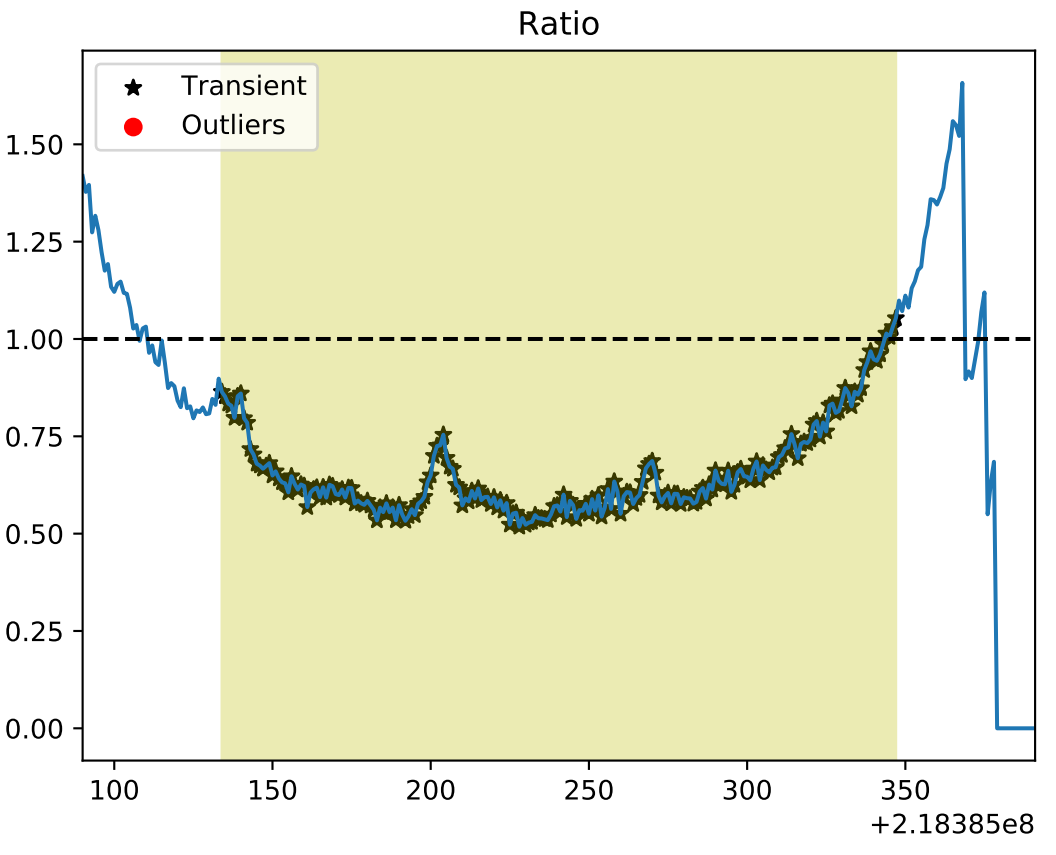

Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
Time (sec)
+2.18385e8
bins

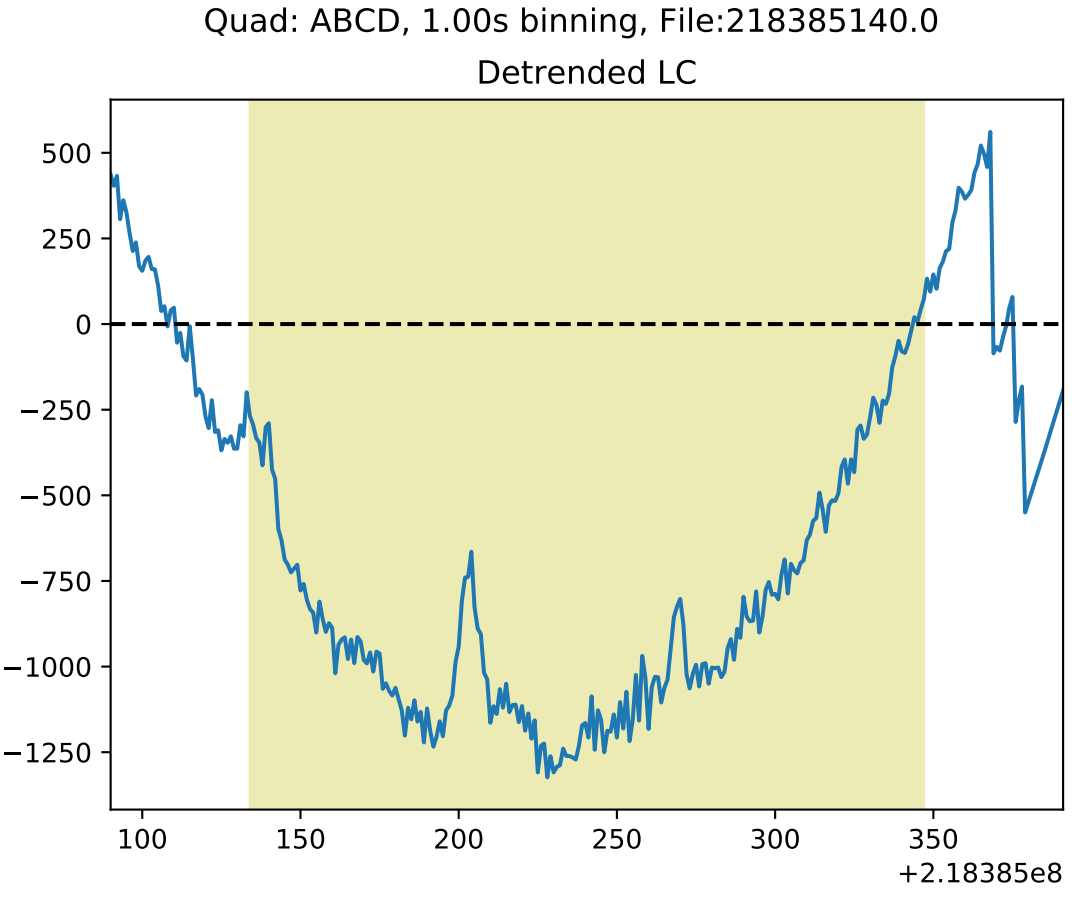

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
350
−500
0
Excess counts/keV
Excess counts/sec
250
0
−250
Marked times
Marked times
Time (sec)
+2.18385e8
bins

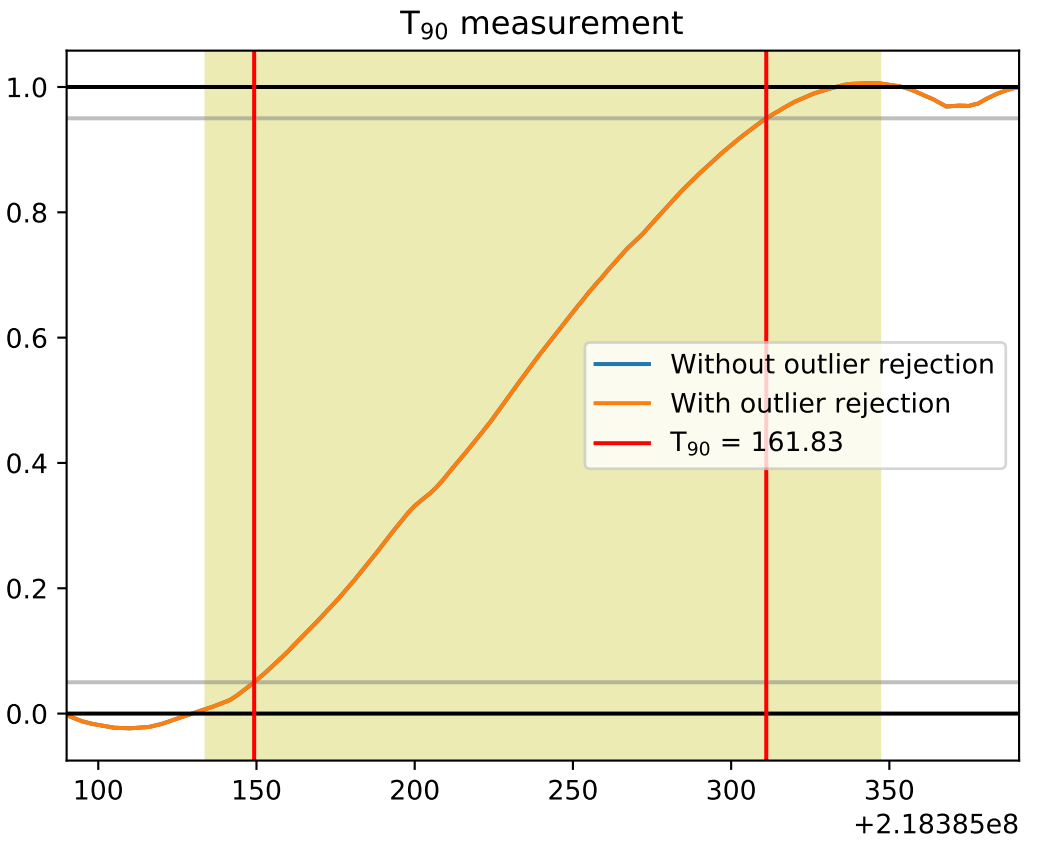

Quadrant D
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
Marked times
+2.18385e8
bins

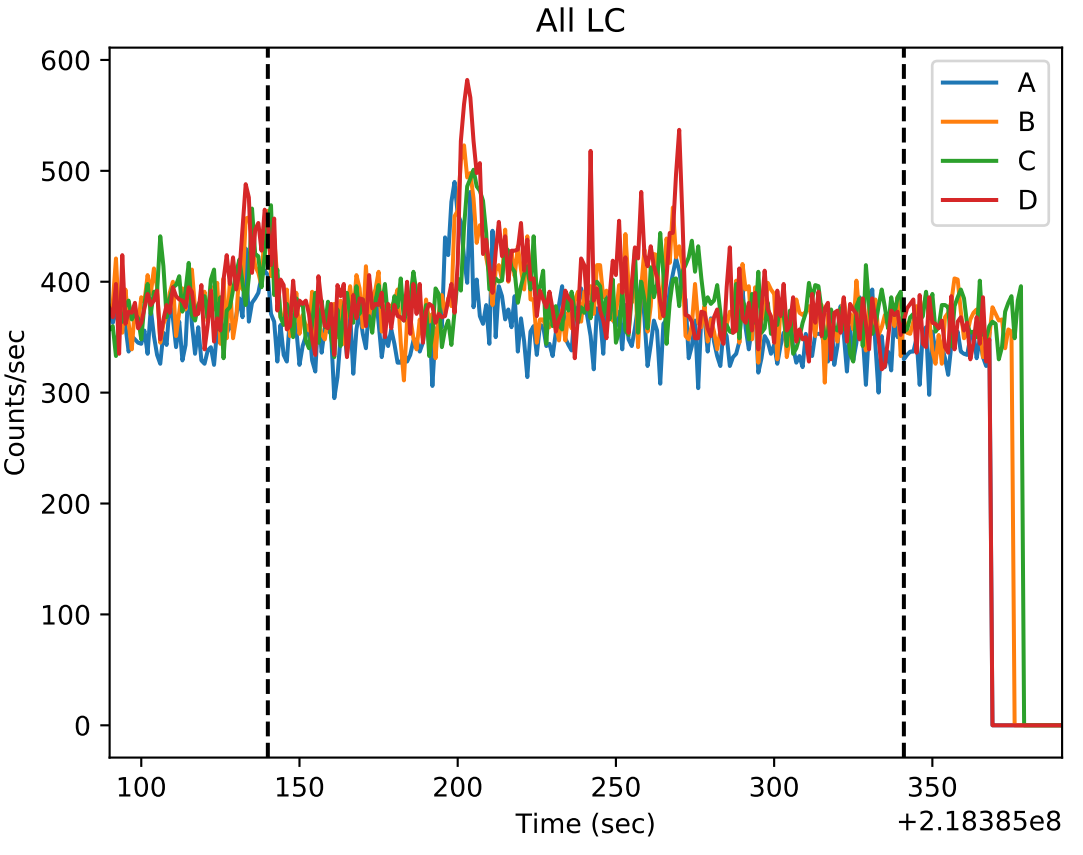

LC: Quad D
-26.5-641.9 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
800
600
400
200
0
−200
−400
100
150
200
250
300
350
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
100
0
−100
100
150
200
250
300
350
Time (sec)
+2.18385e8


Quad: ABCD, 1.00s binning, File:218385140.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
2500
2000
1500
1000
500
0
100
150
200
250
300
350
+2.18385e8


Quad: ABCD, 1.00s binning, File:218385140.0
Ratio
Transient
Outliers
1.50
1.25
1.00
0.75
0.50
0.25
0.00
100
150
200
250
300
350
+2.18385e8


Quad: ABCD, 1.00s binning, File:218385140.0
Detrended LC
500
250
0
−250
−500
−750
−1000
−1250
100
150
200
250
300
350
+2.18385e8


Quad: ABCD, 1.00s binning, File:218385140.0
T90 measurement
1.0
0.8
0.6
0.4
0.2
0.0
100
150
200
250
300
350
+2.18385e8
Without outlier rejection
With outlier rejection
T90 = 161.83


All LC
Counts/sec
Time (sec)
+2.18385e8
A
B
C
D
600
500
400
300
200
100
0
100
150
200
250
300
350