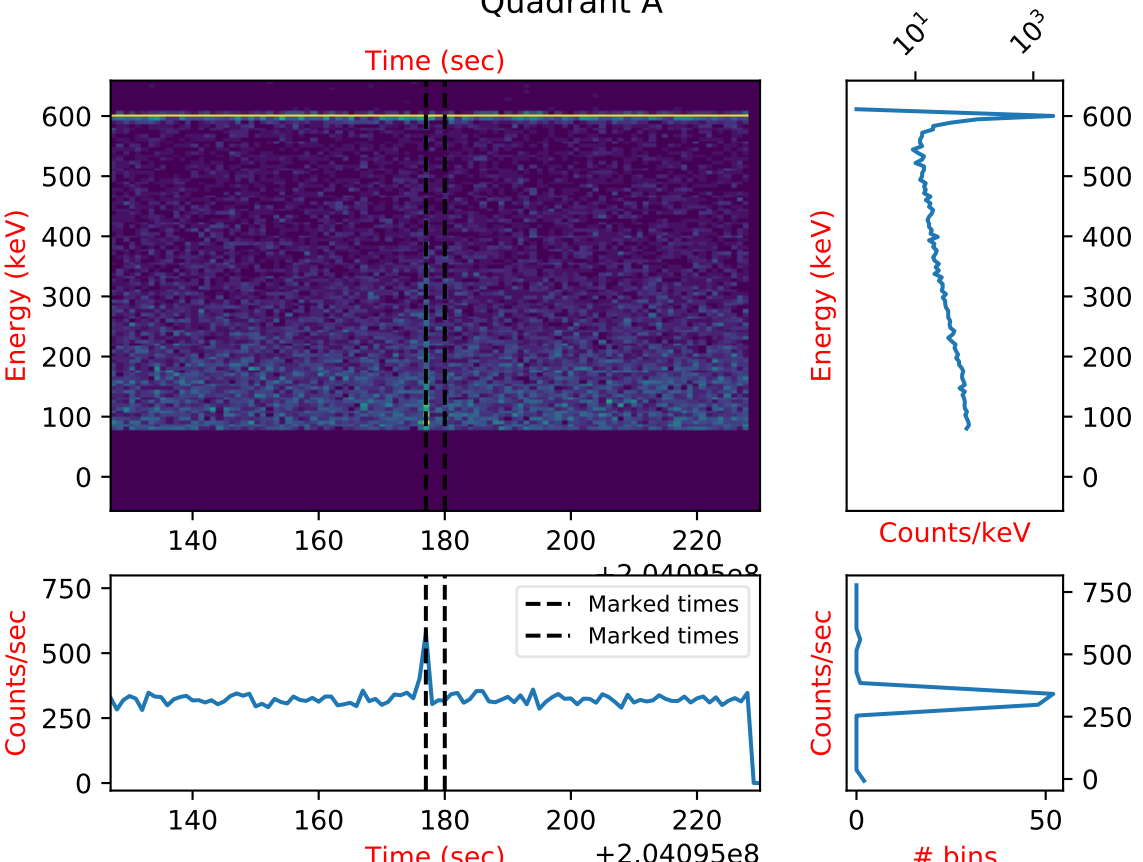
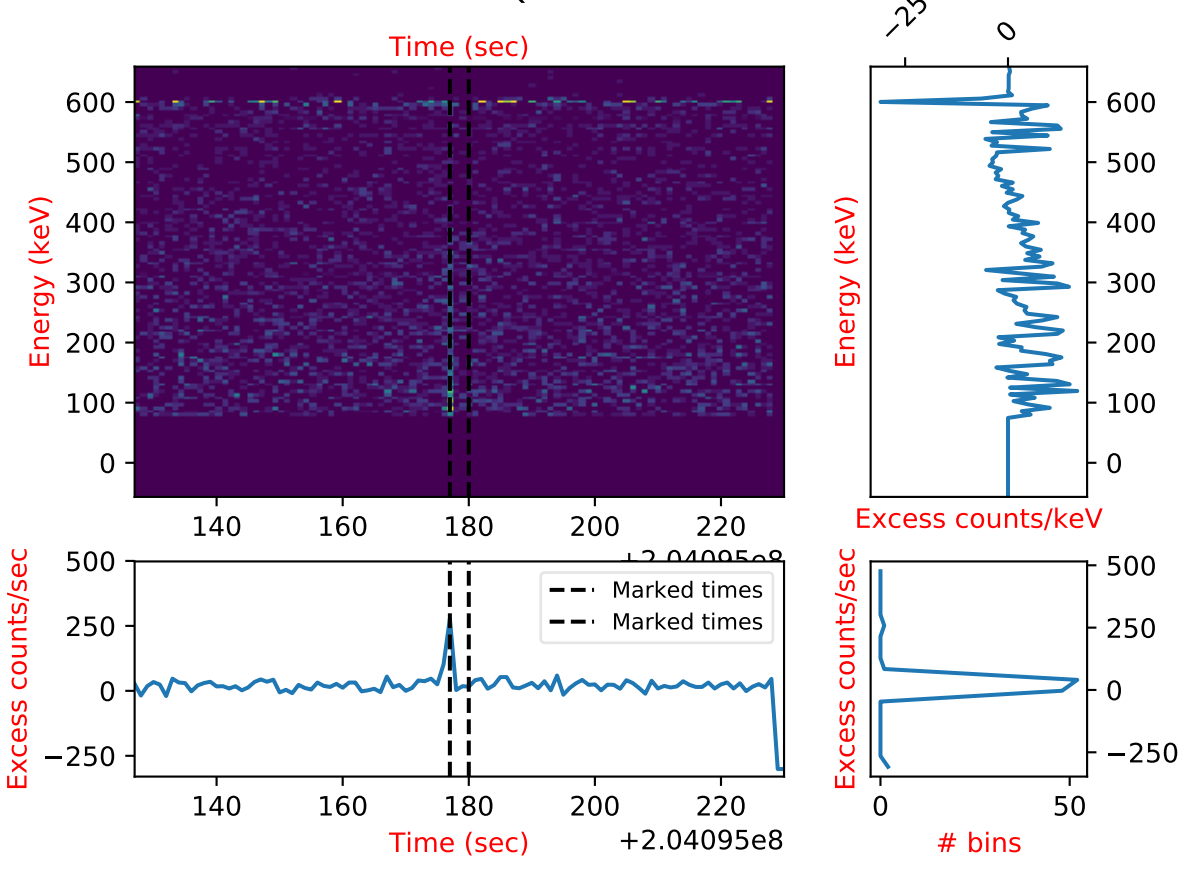
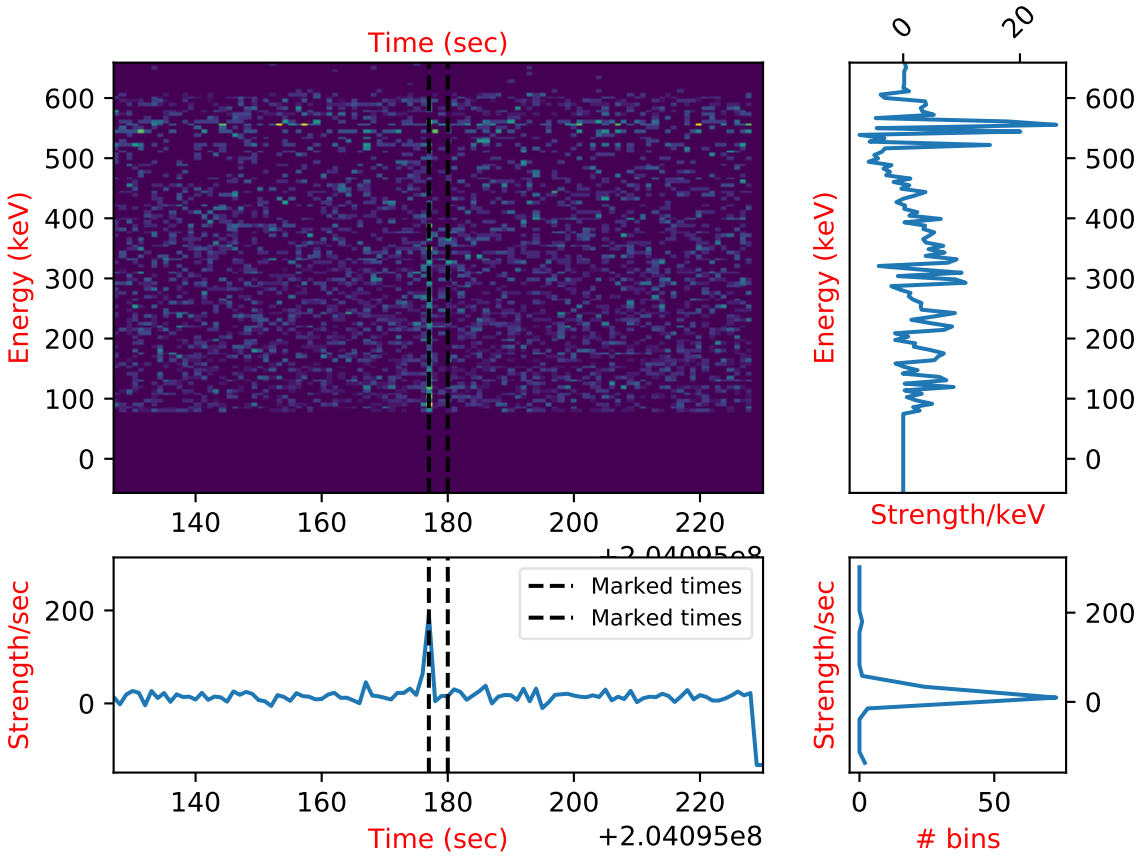
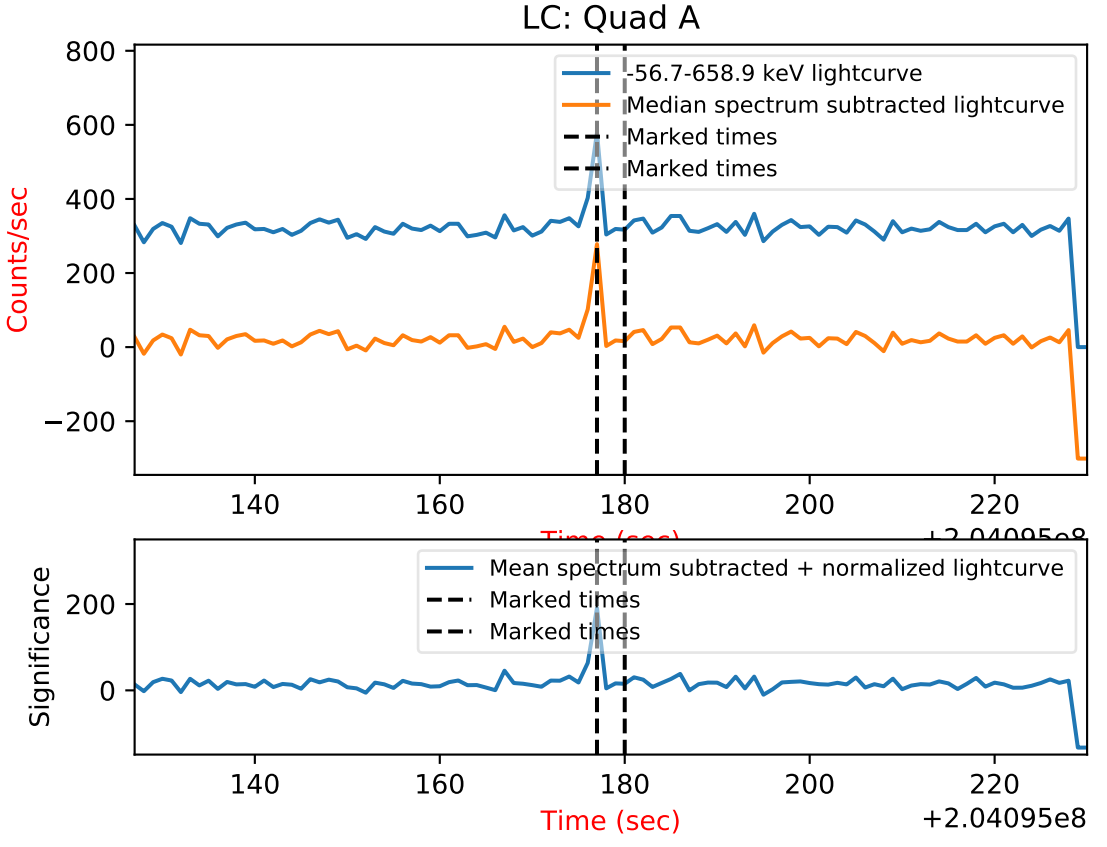
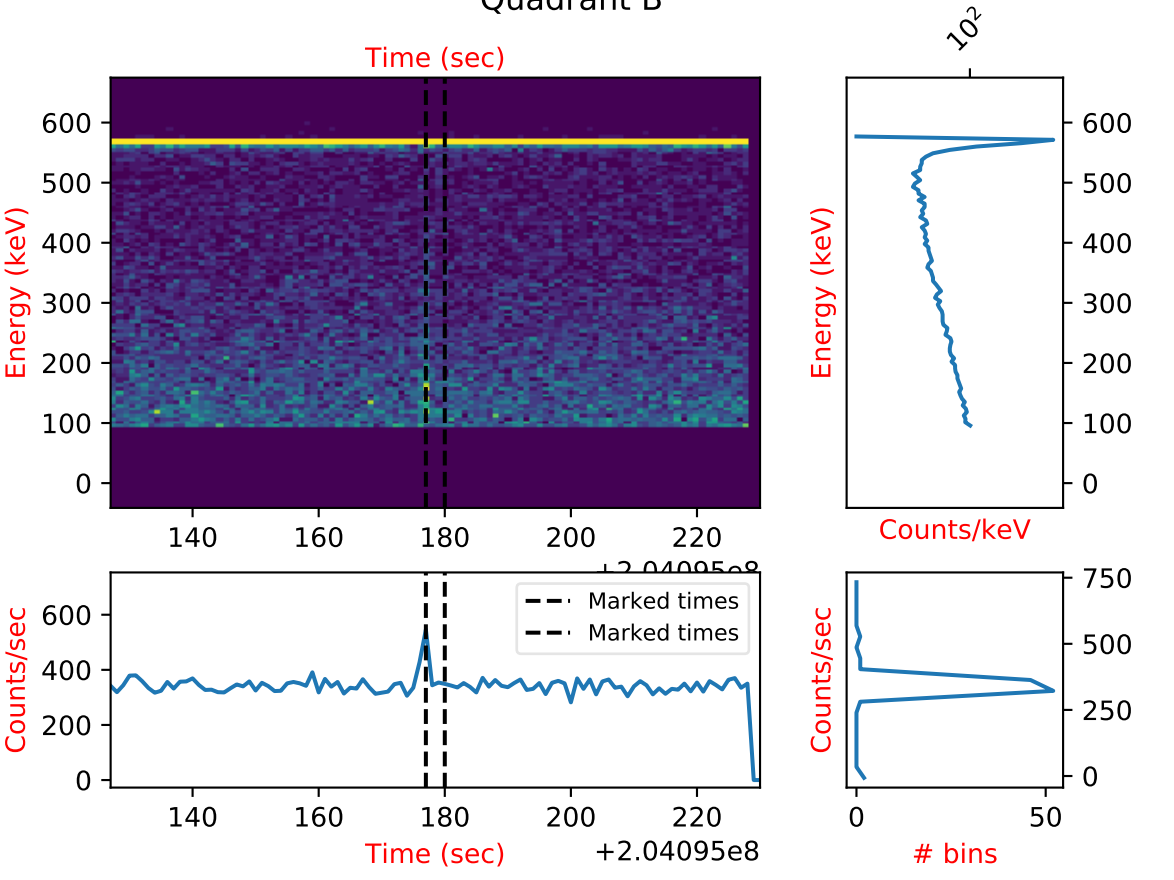
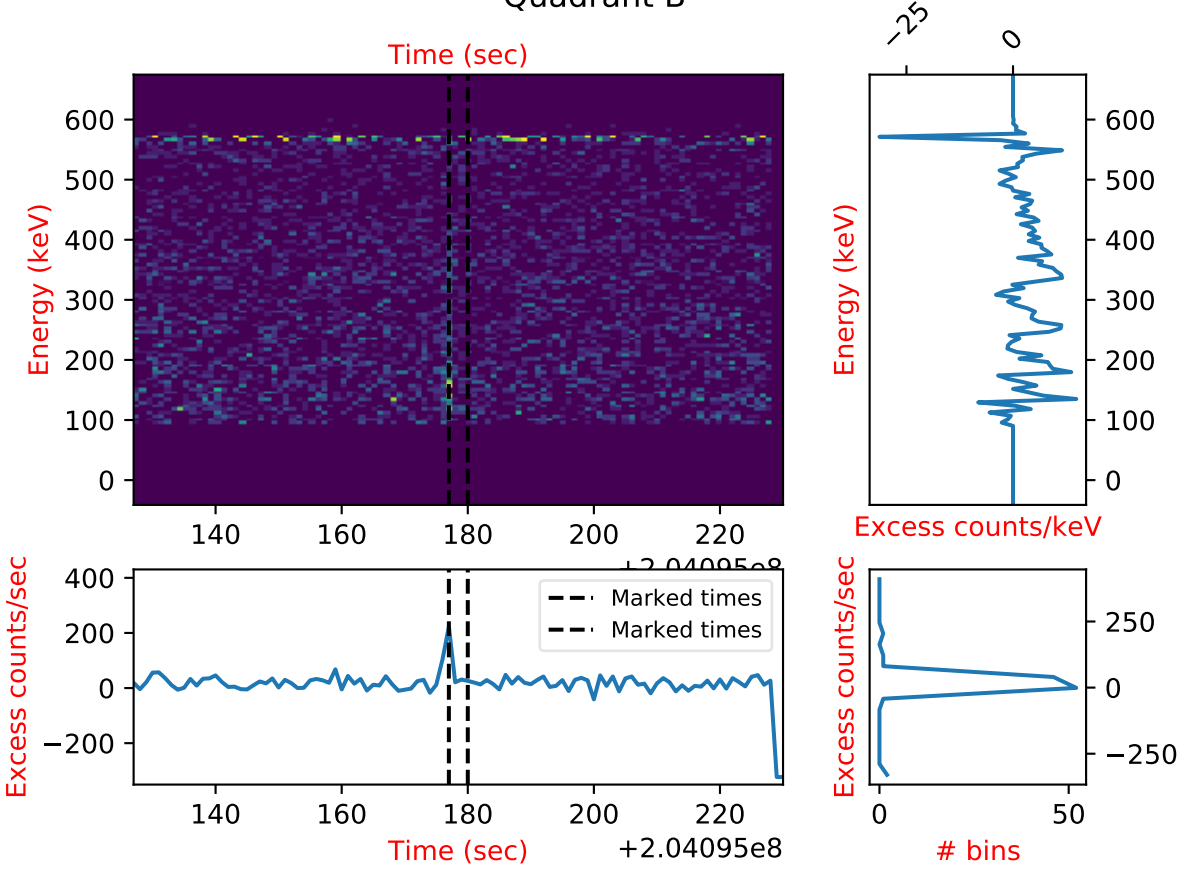

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
10^1
10^3
Counts/keV
Counts/sec
750
500
250
0
Marked times
Marked times
+2.04095e8
bins
50

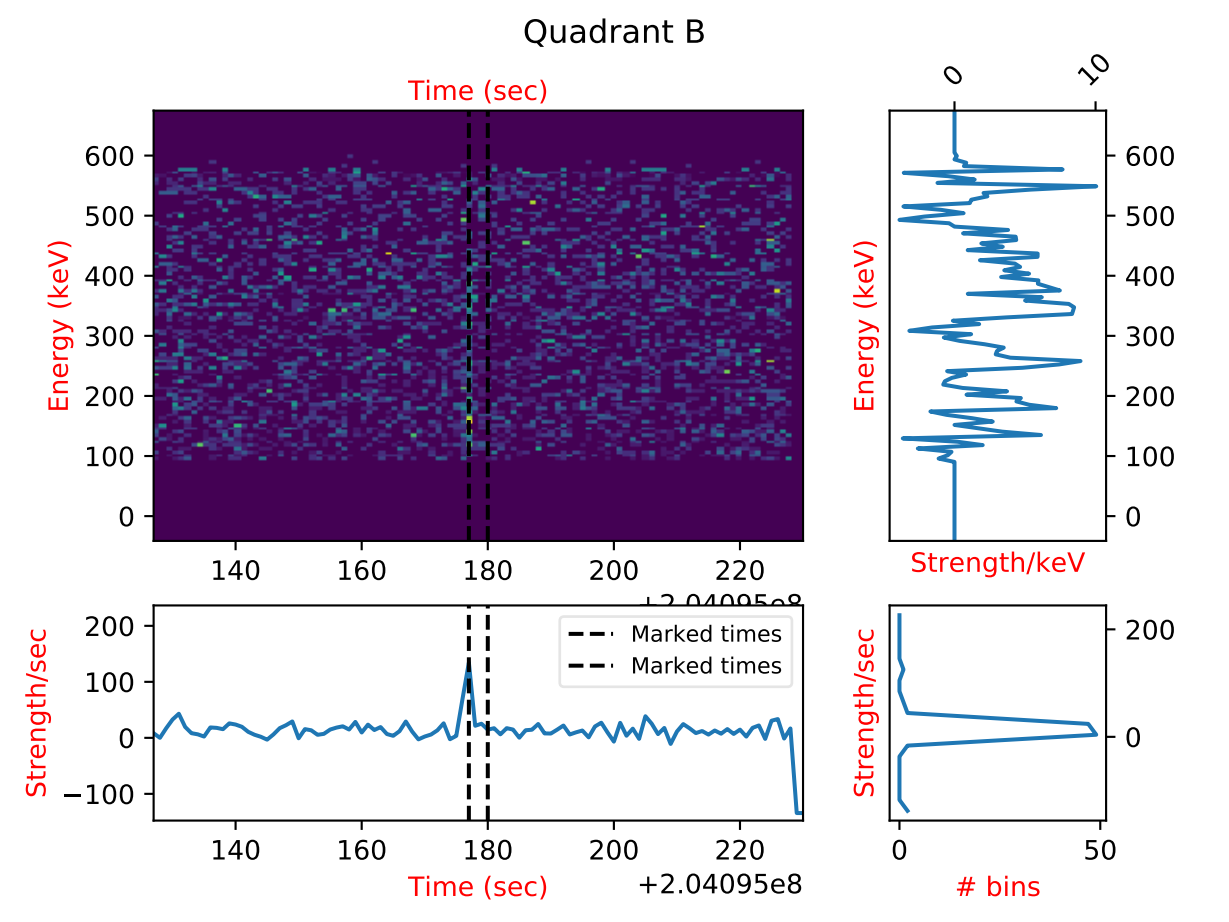

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
−25
0
Excess counts/keV
Excess counts/sec
500
250
0
−250
Marked times
Marked times
Time (sec)
+2.04095e8
bins
50

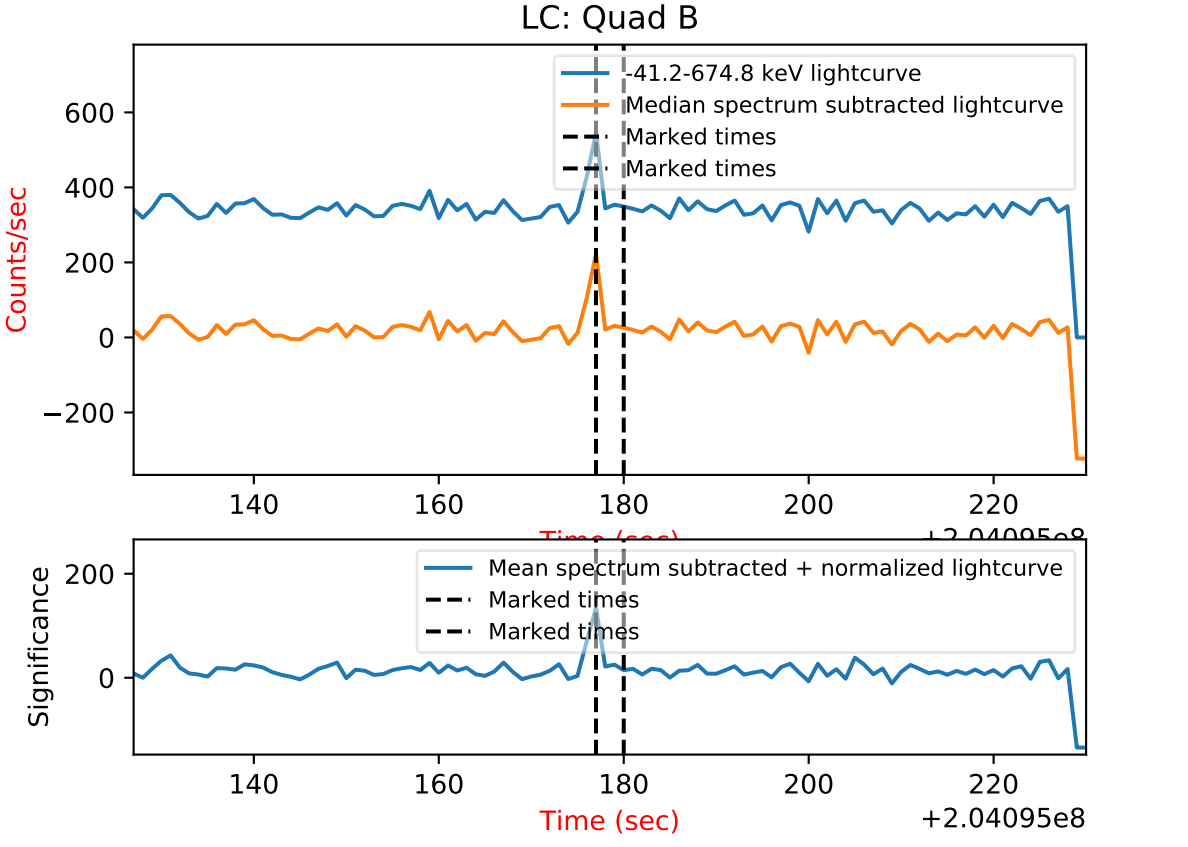

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
0
20
Strength/keV
Strength/sec
Marked times
Marked times
+2.04095e8
bins
50

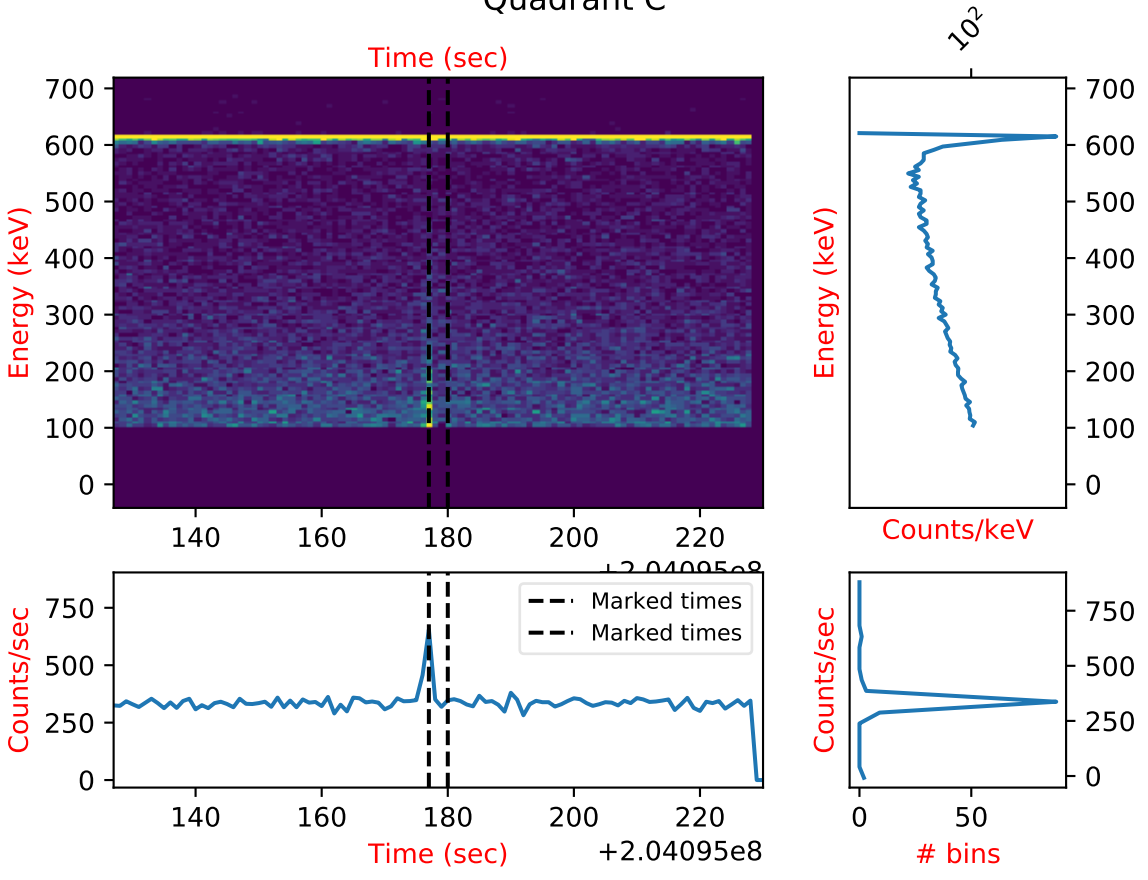

LC: Quad A
-56.7-658.9 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
800
600
400
200
0
−200
140
160
180
200
220
+2.04095e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
0
140
160
180
200
220
Time (sec)
+2.04095e8

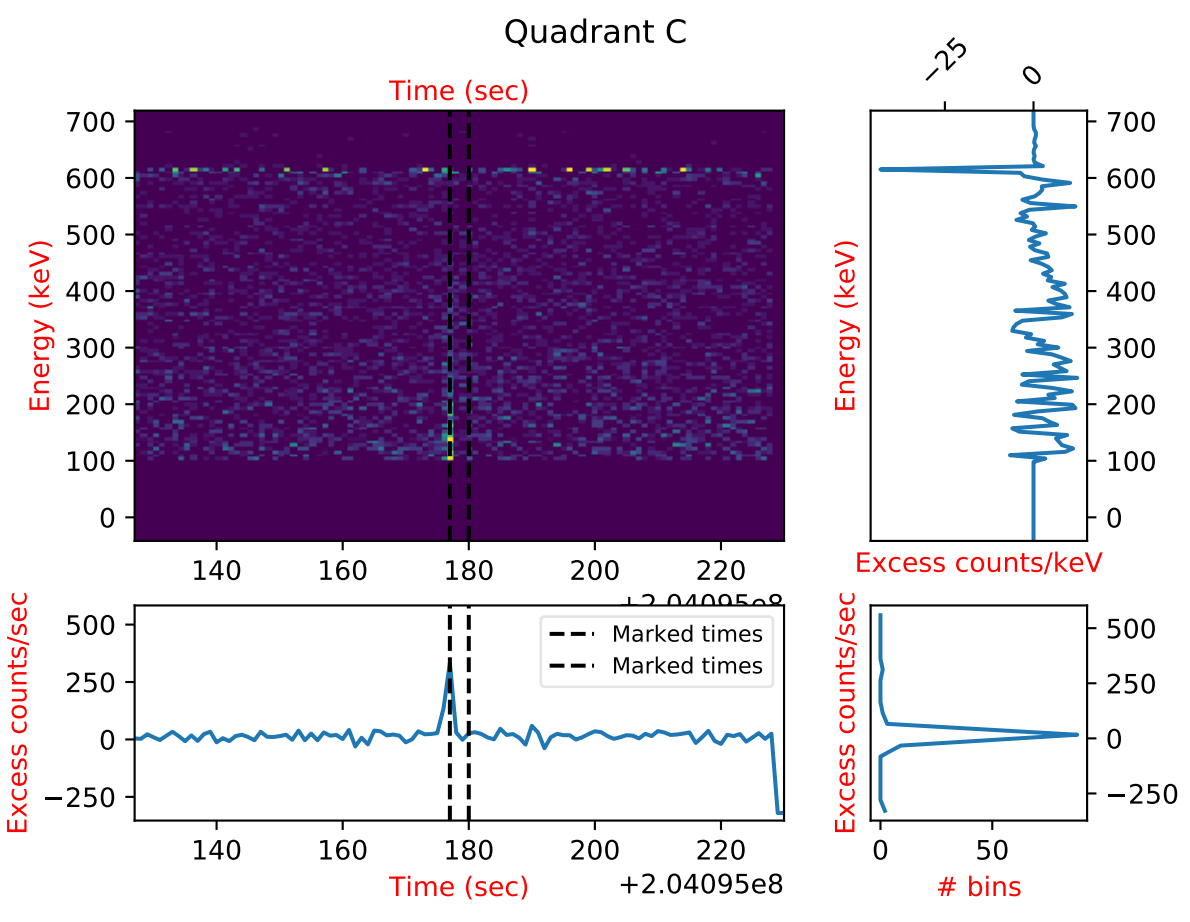

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
10^2
Counts/keV
Counts/sec
Marked times
Marked times
750
250
50
bins
+2.04095e8

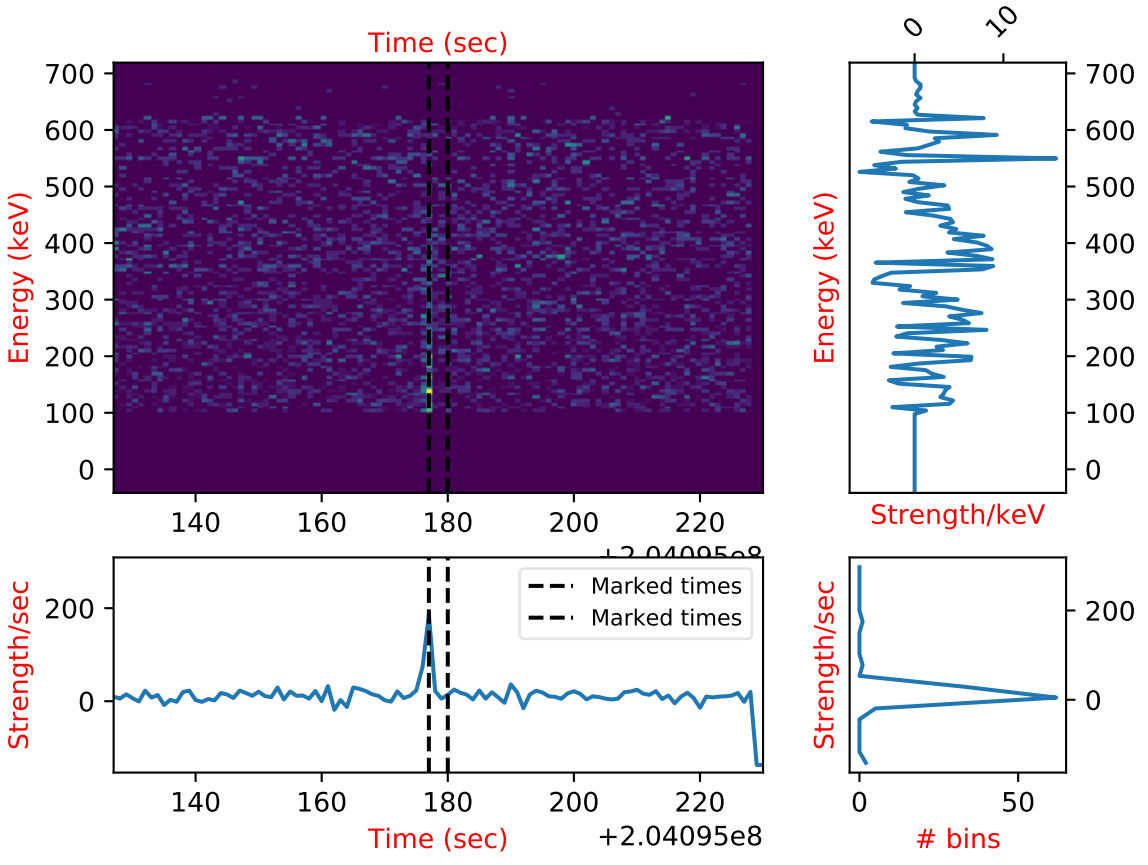

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
−25
0
Excess counts/keV
Excess counts/sec
400
200
0
−200
Marked times
Marked times
+2.04095e8
250
−250
50
bins

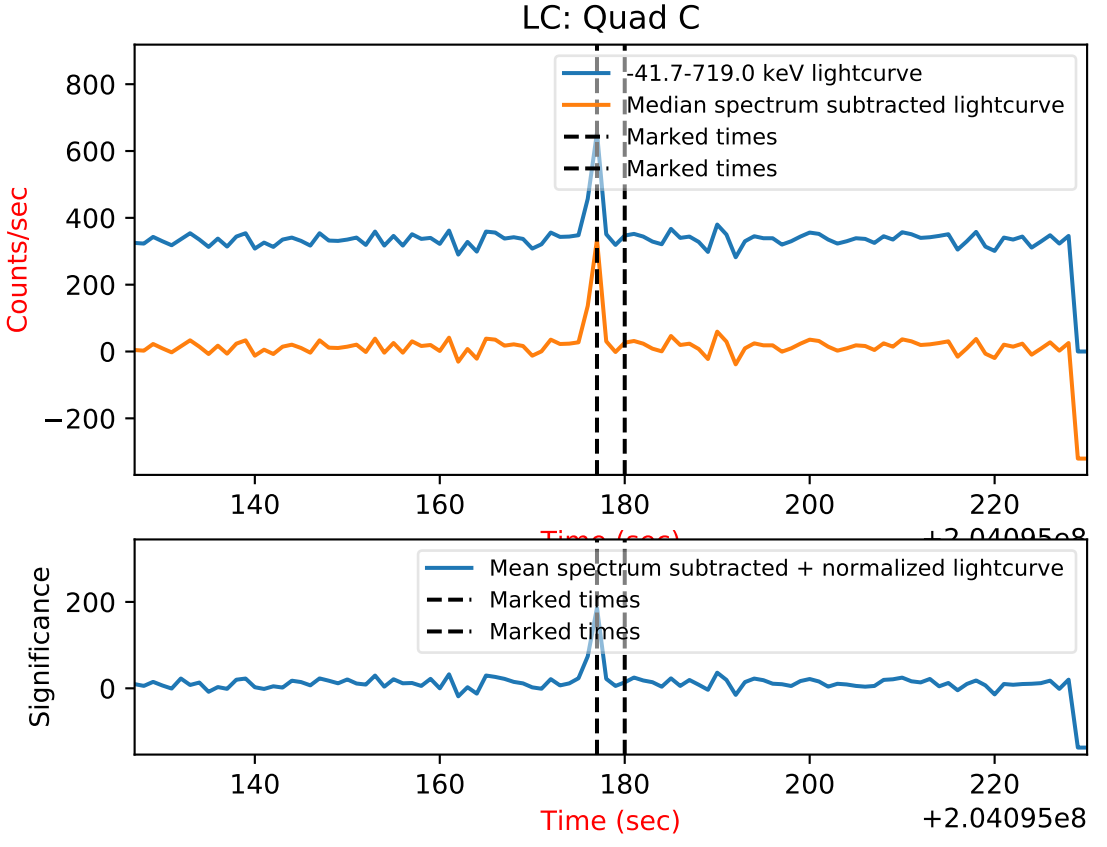

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
+2.04095e8
0
10
Strength/keV
Strength/sec
200
100
0
−100
Marked times
Marked times
Time (sec)
+2.04095e8
50
bins

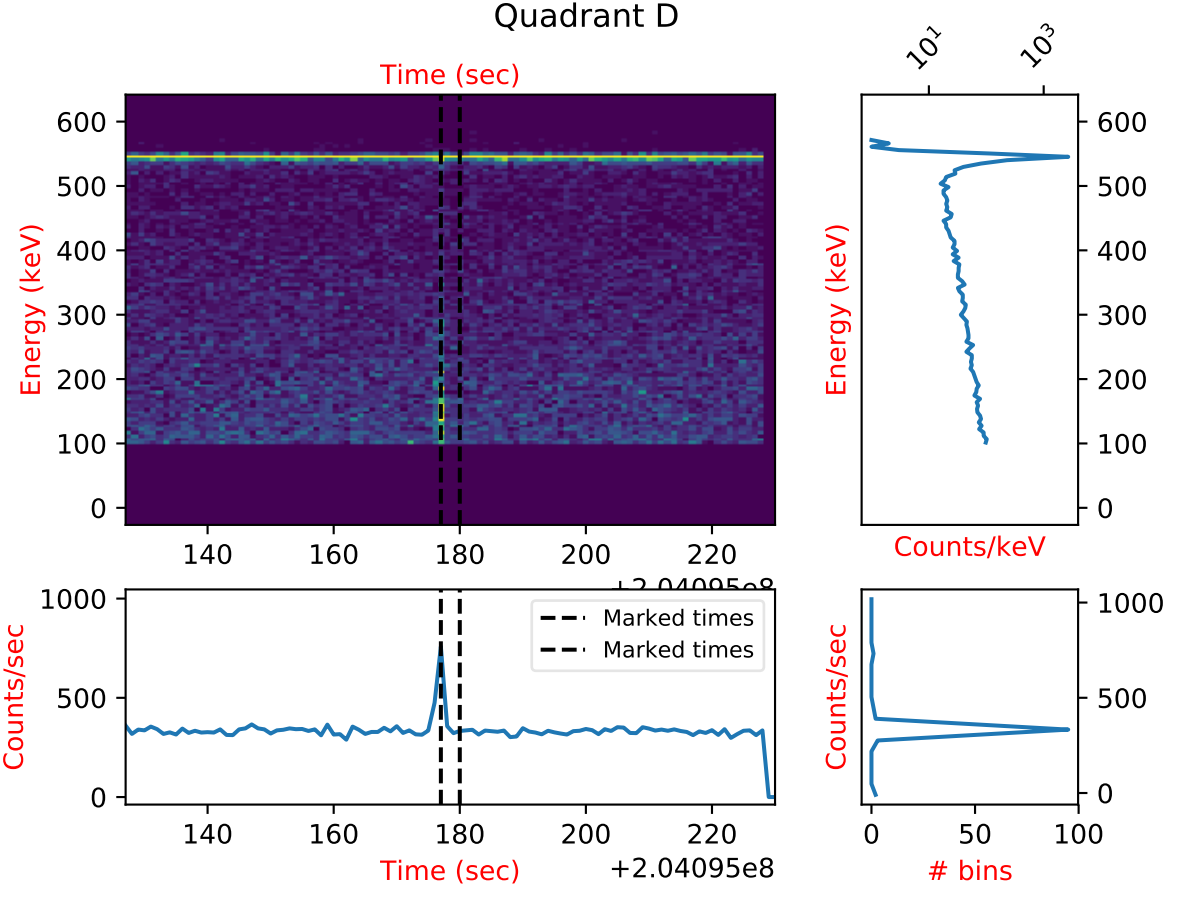

LC: Quad B
-41.2-674.8 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
600
400
200
0
−200
140
160
180
200
220
+2.04095e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
0
140
160
180
200
220
Time (sec)
+2.04095e8

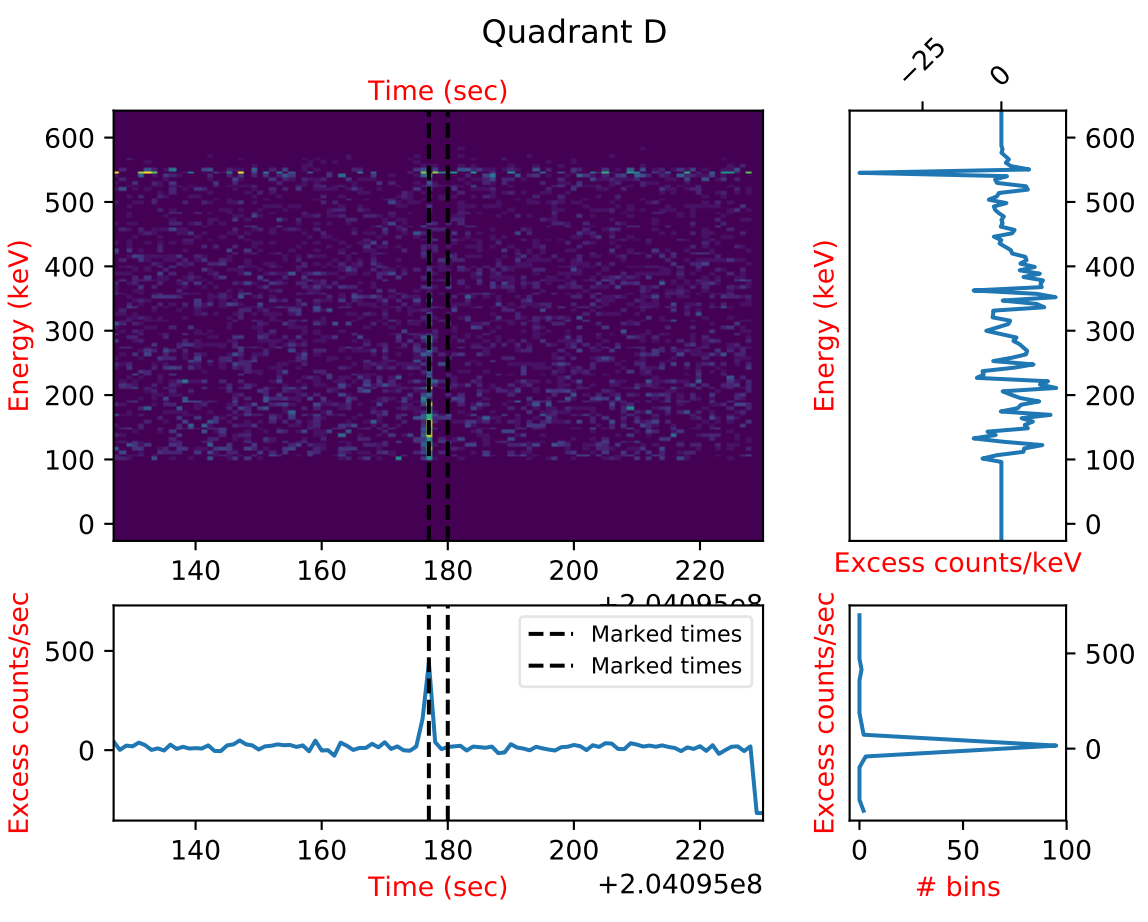

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
140
160
180
200
220
10^2
Counts/keV
Counts/sec
750
500
250
Marked times
Marked times
+2.04095e8
0
50
bins

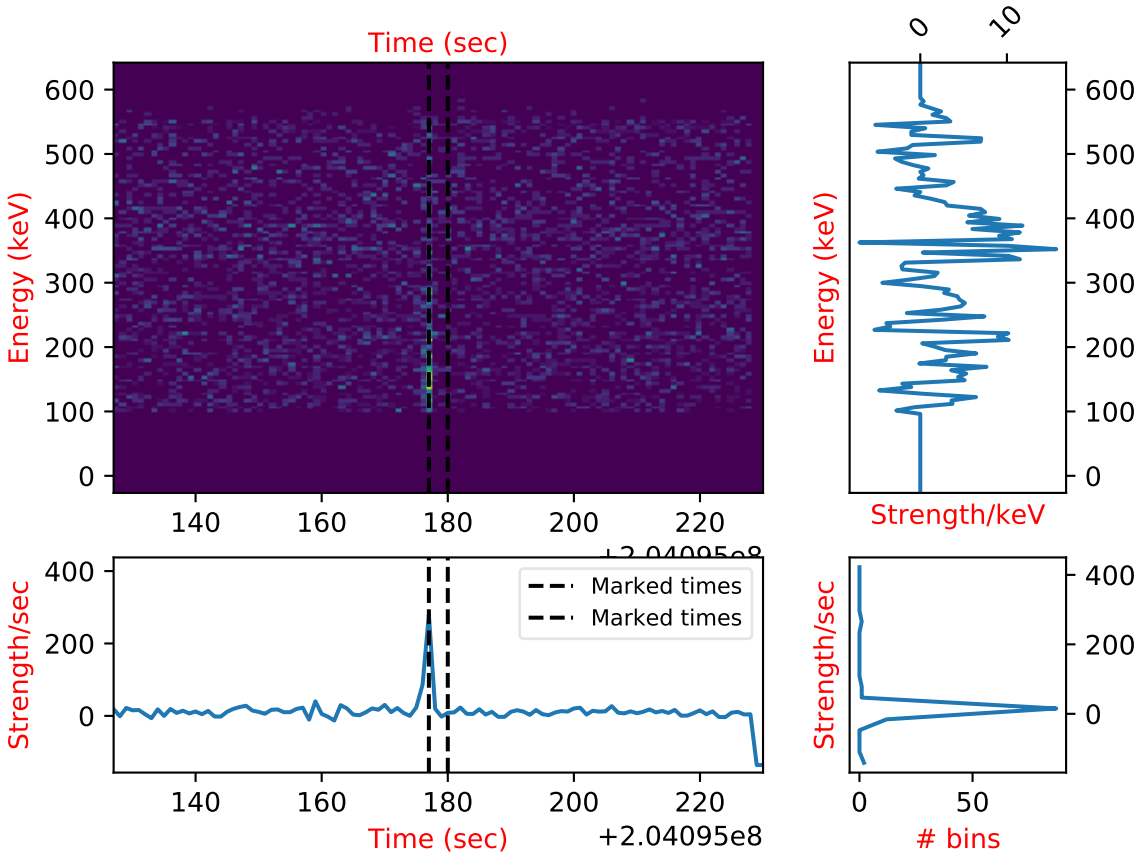

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
140
160
180
200
220
−25
0
Excess counts/keV
Excess counts/sec
500
250
0
−250
Marked times
Marked times
+2.04095e8
bins
50

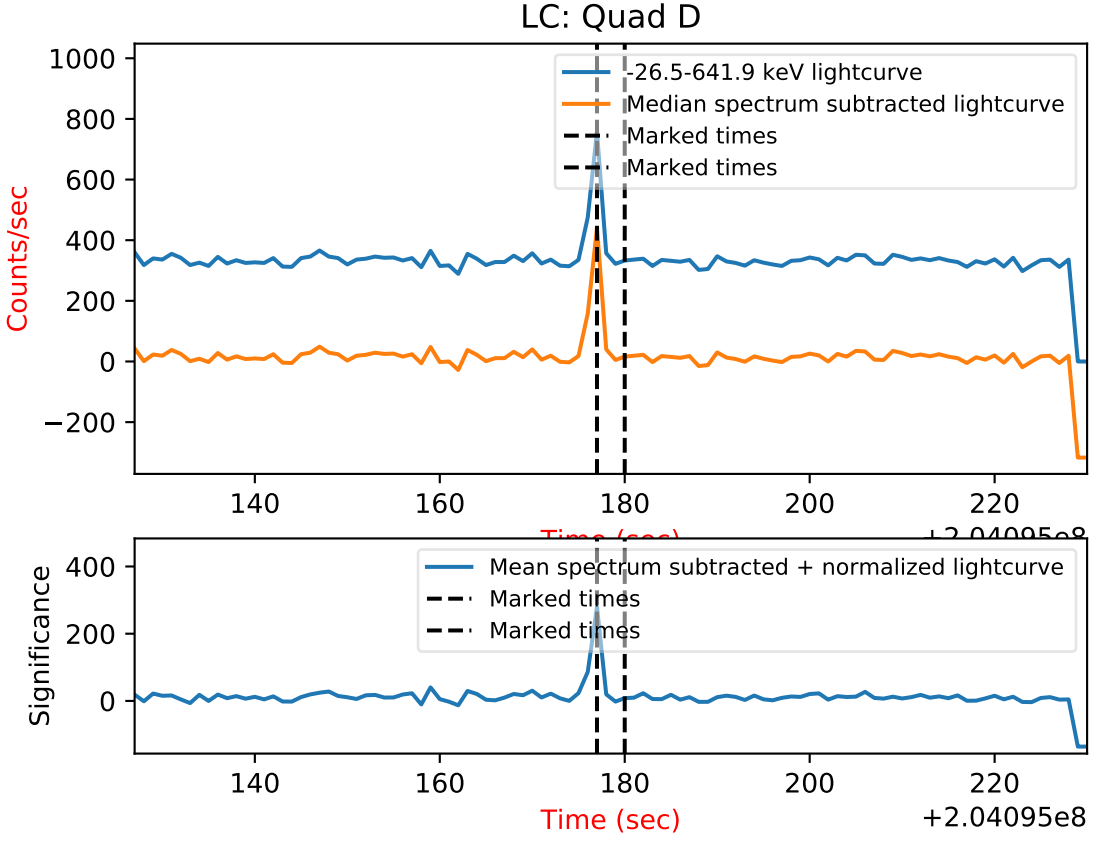

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
140
160
180
200
220
0
10
Strength/keV
Strength/sec
Marked times
Marked times
+2.04095e8
bins
50

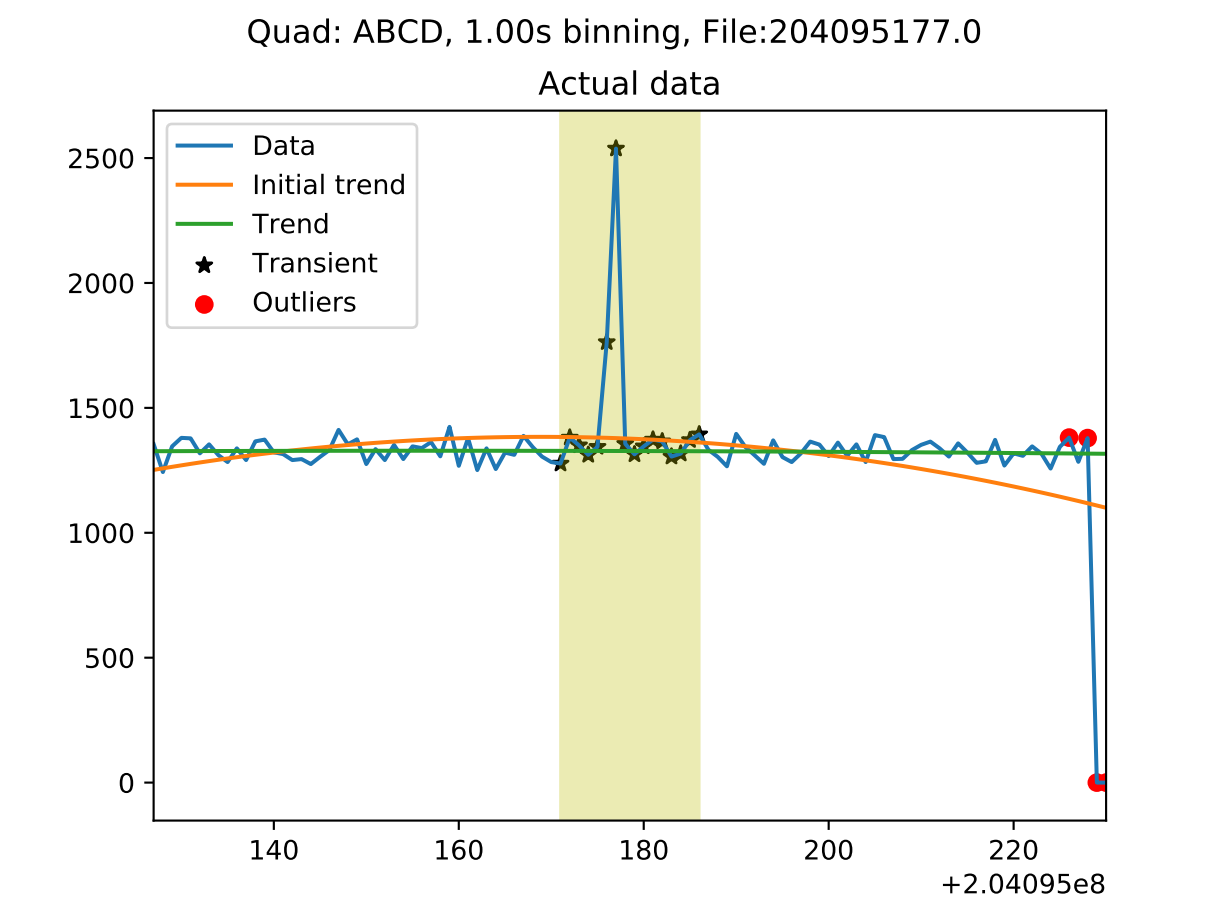

LC: Quad C
-41.7-719.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
800
600
400
200
0
−200
140
160
180
200
220
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
0
Time (sec)
+2.04095e8

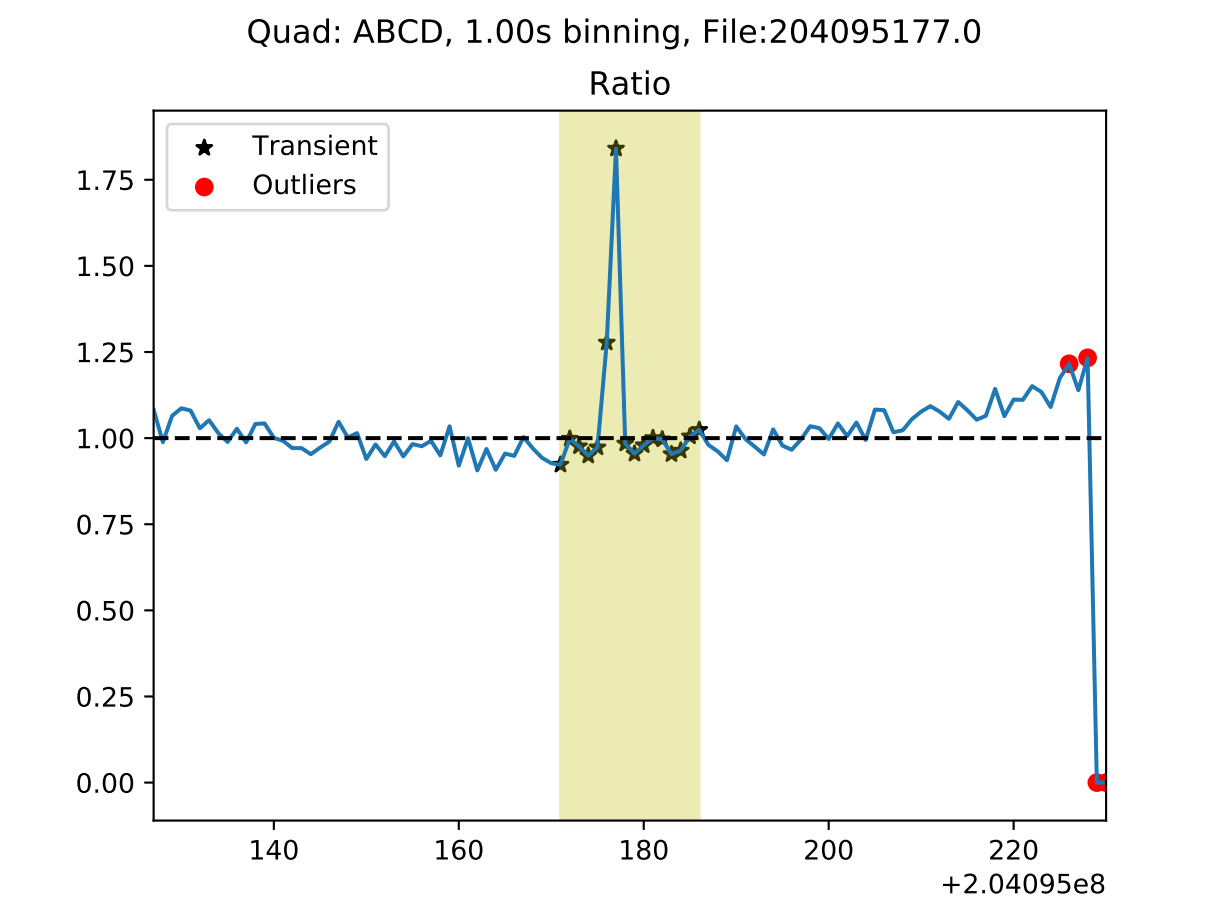

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
10^1
10^3
Counts/keV
Counts/sec
1000
500
0
Marked times
Marked times
+2.04095e8
bins
50
100

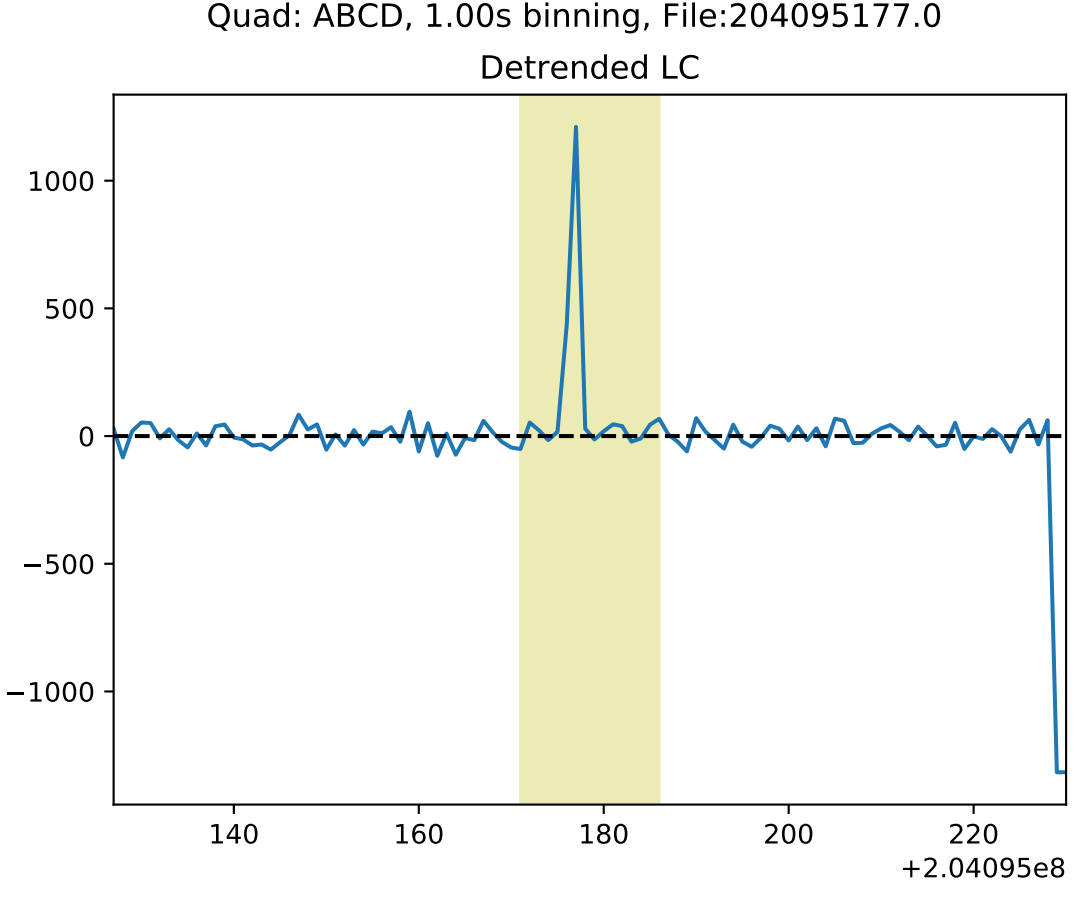

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
−25
0
Excess counts/keV
Excess counts/sec
500
0
Marked times
Marked times
+2.04095e8
bins
50
100

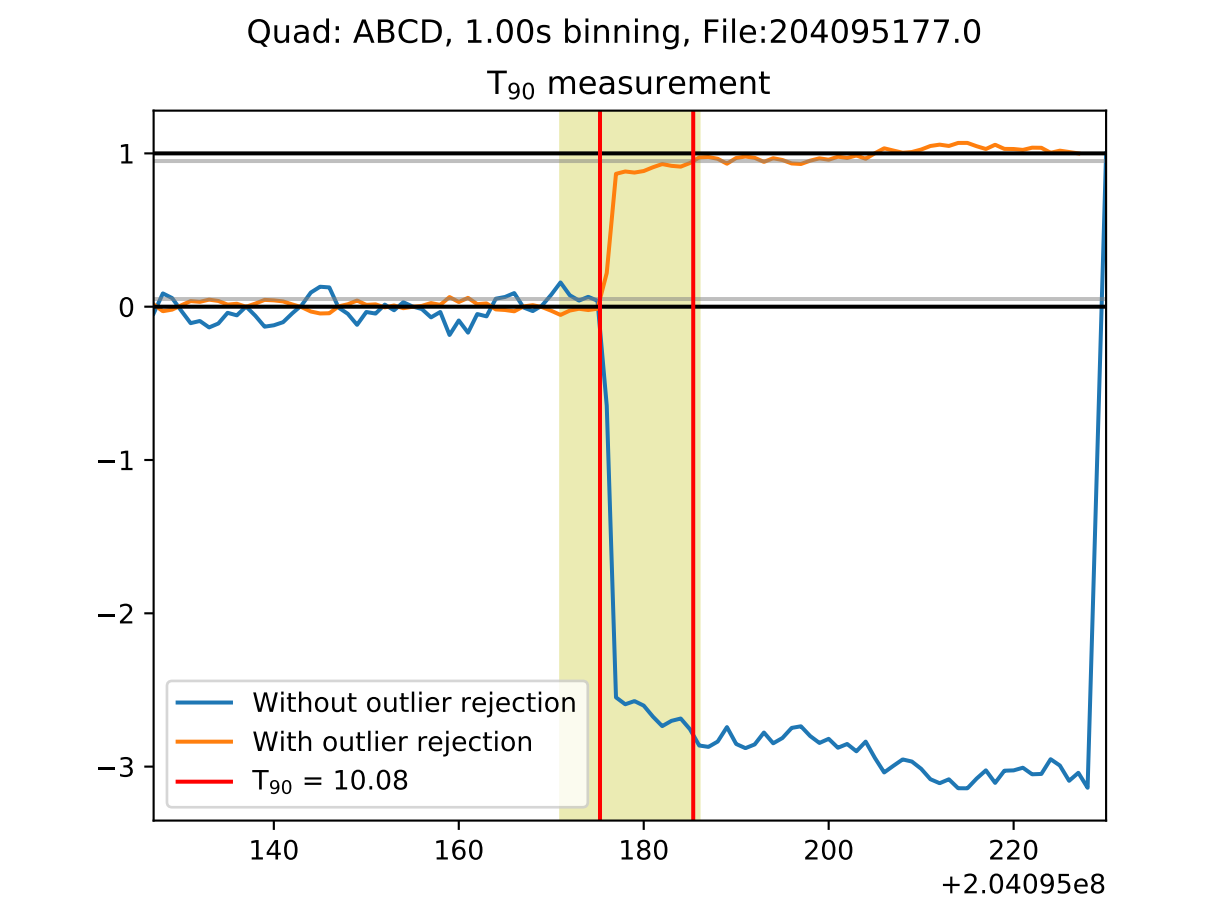

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
140
160
180
200
220
0
10
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.04095e8
50
bins

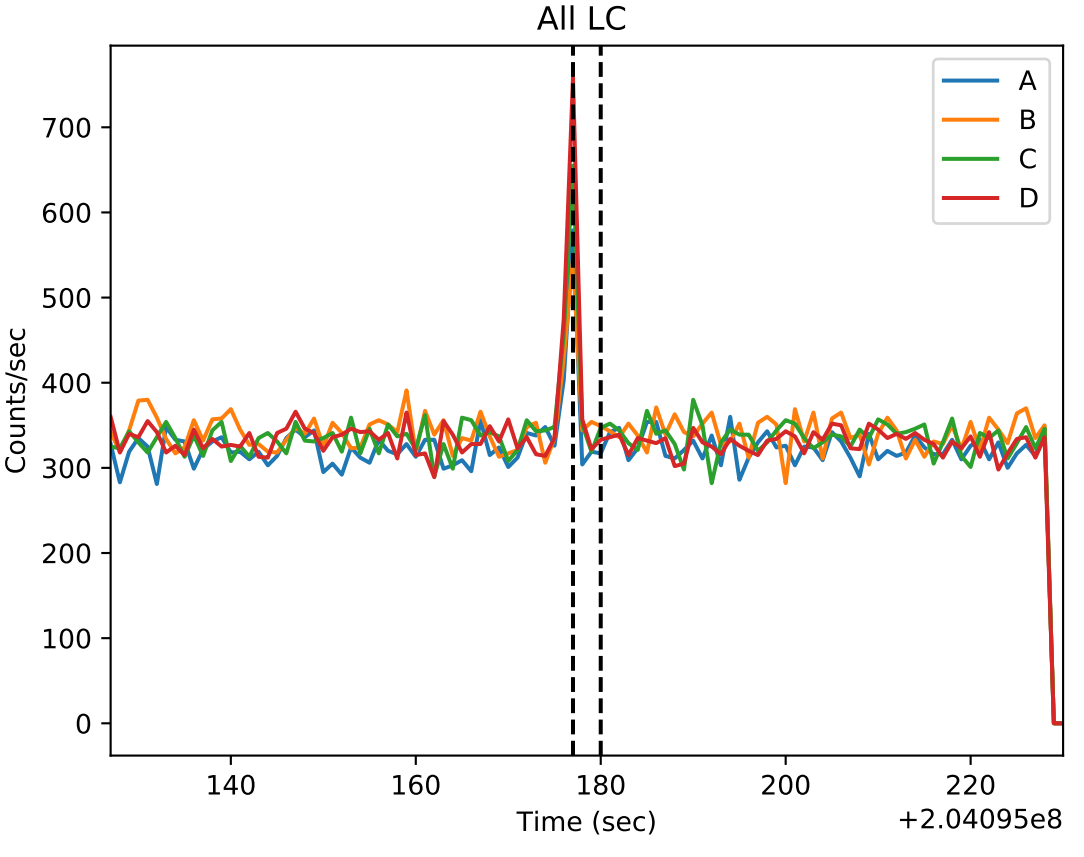

LC: Quad D
-26.5-641.9 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
1000
800
600
400
200
0
−200
140
160
180
200
220
+2.04095e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)


Quad: ABCD, 1.00s binning, File:204095177.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
2500
2000
1500
1000
500
0
140
160
180
200
220
+2.04095e8


Quad: ABCD, 1.00s binning, File:204095177.0
Ratio
Transient
Outliers
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
140
160
180
200
220
+2.04095e8


Quad: ABCD, 1.00s binning, File:204095177.0
Detrended LC
1000
500
0
−500
−1000
140
160
180
200
220
+2.04095e8


Quad: ABCD, 1.00s binning, File:204095177.0
T90 measurement
1
0
−1
−2
−3
140
160
180
200
220
+2.04095e8
Without outlier rejection
With outlier rejection
T90 = 10.08


All LC
A
B
C
D
Counts/sec
0
100
200
300
400
500
600
700
140
160
180
200
220
Time (sec)
+2.04095e8