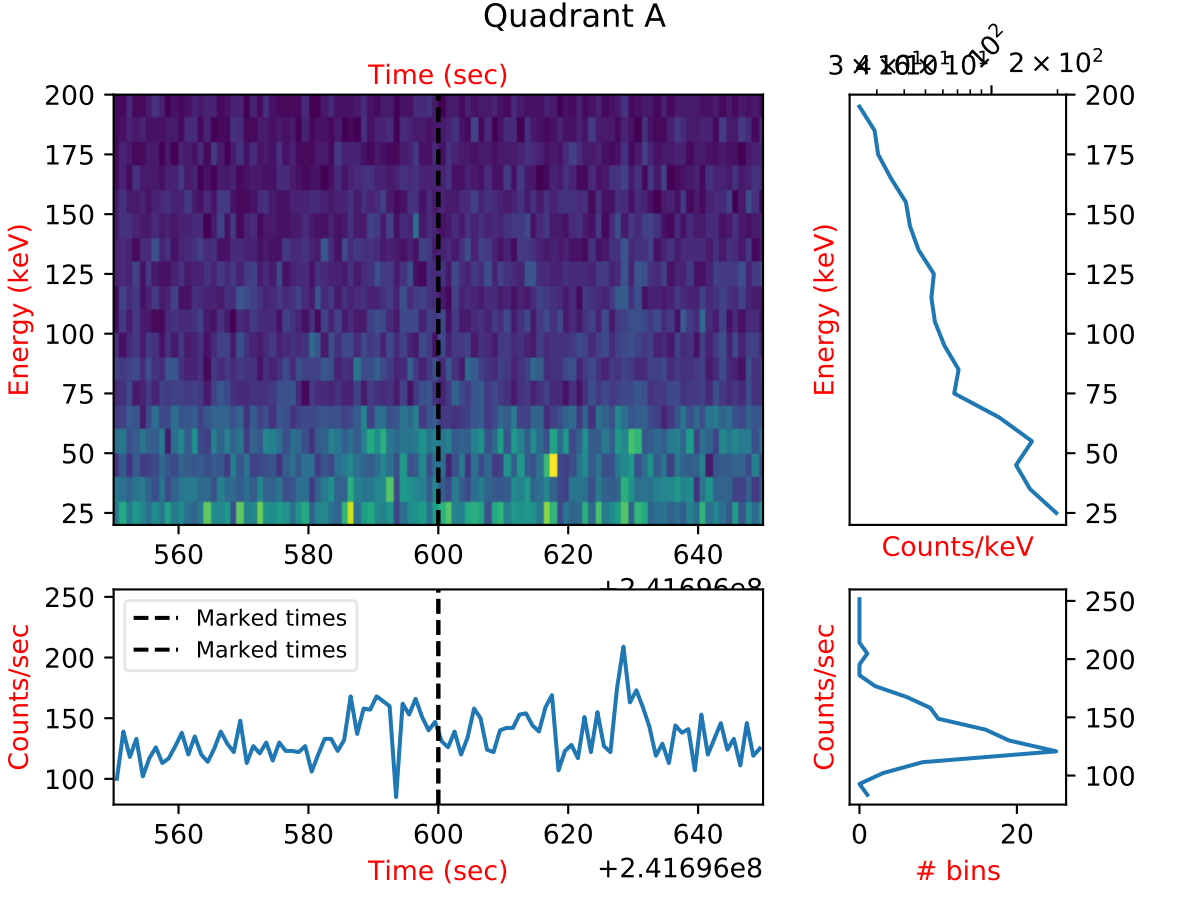
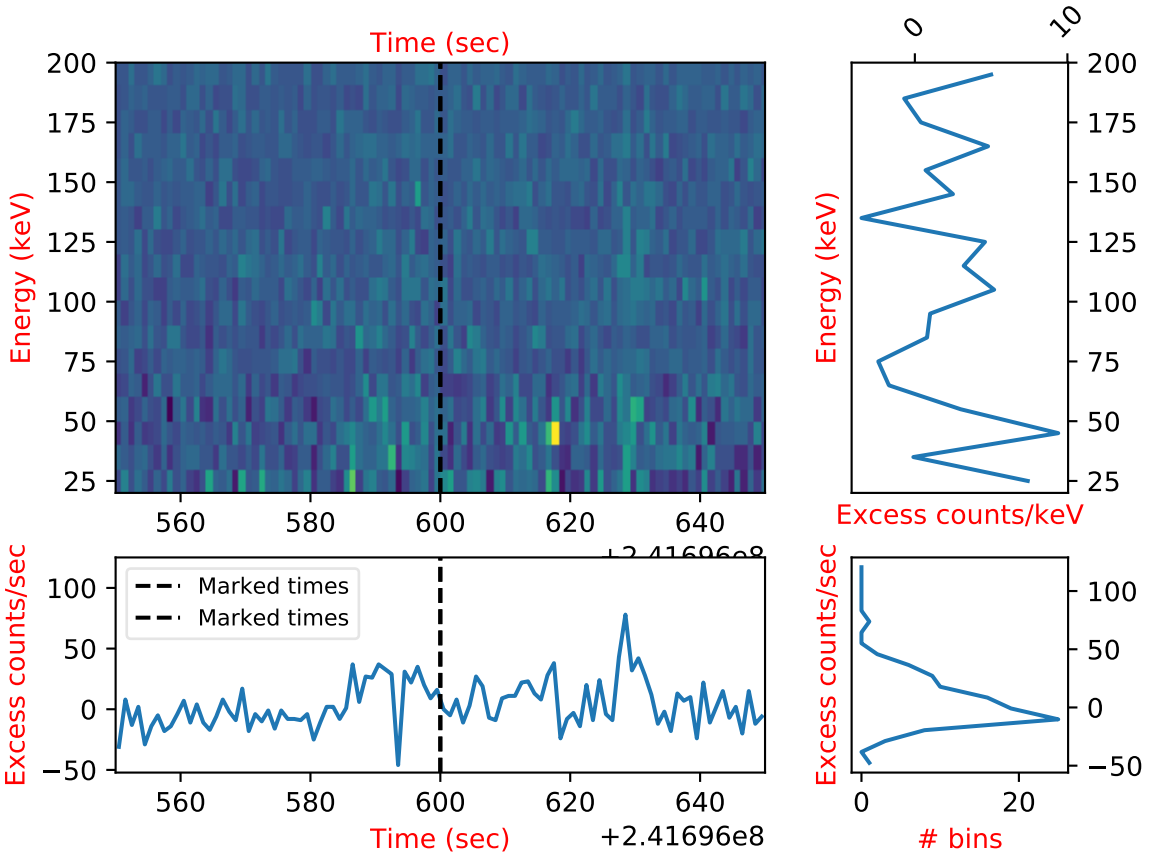
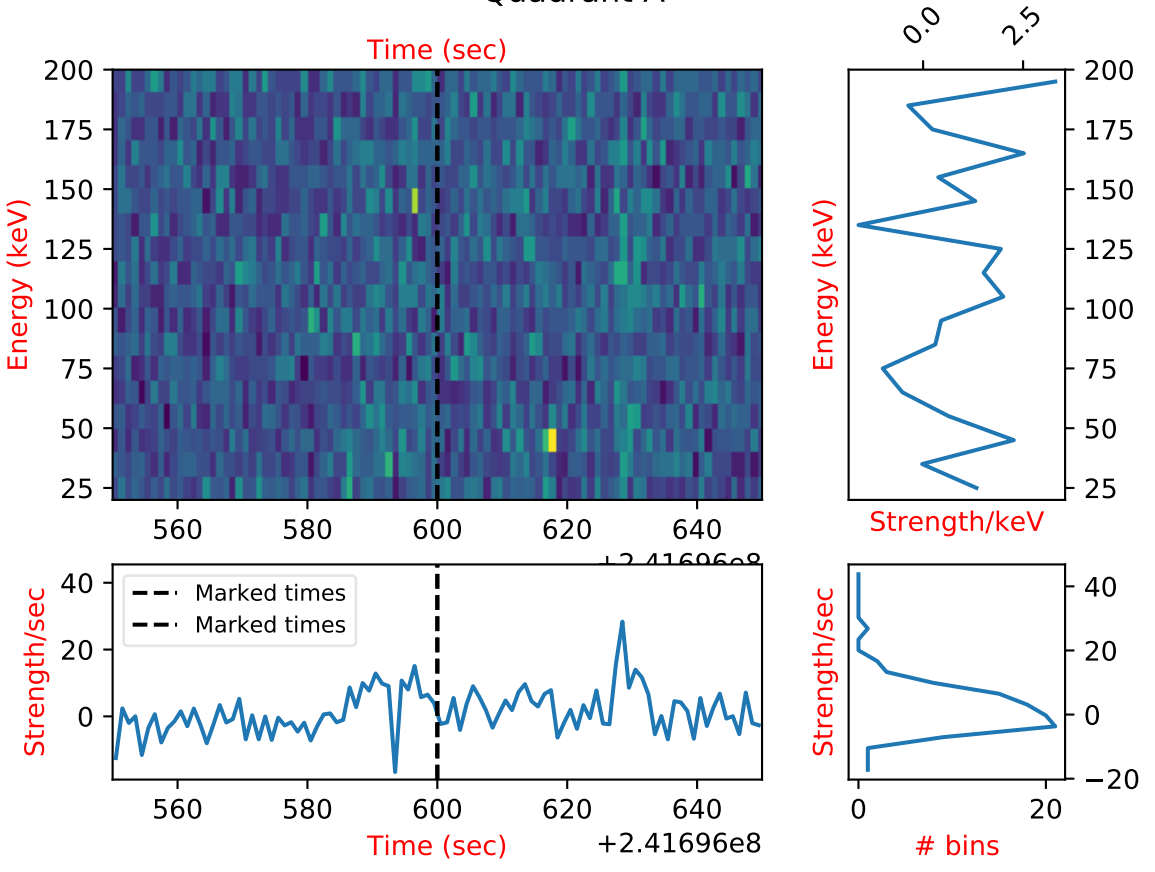
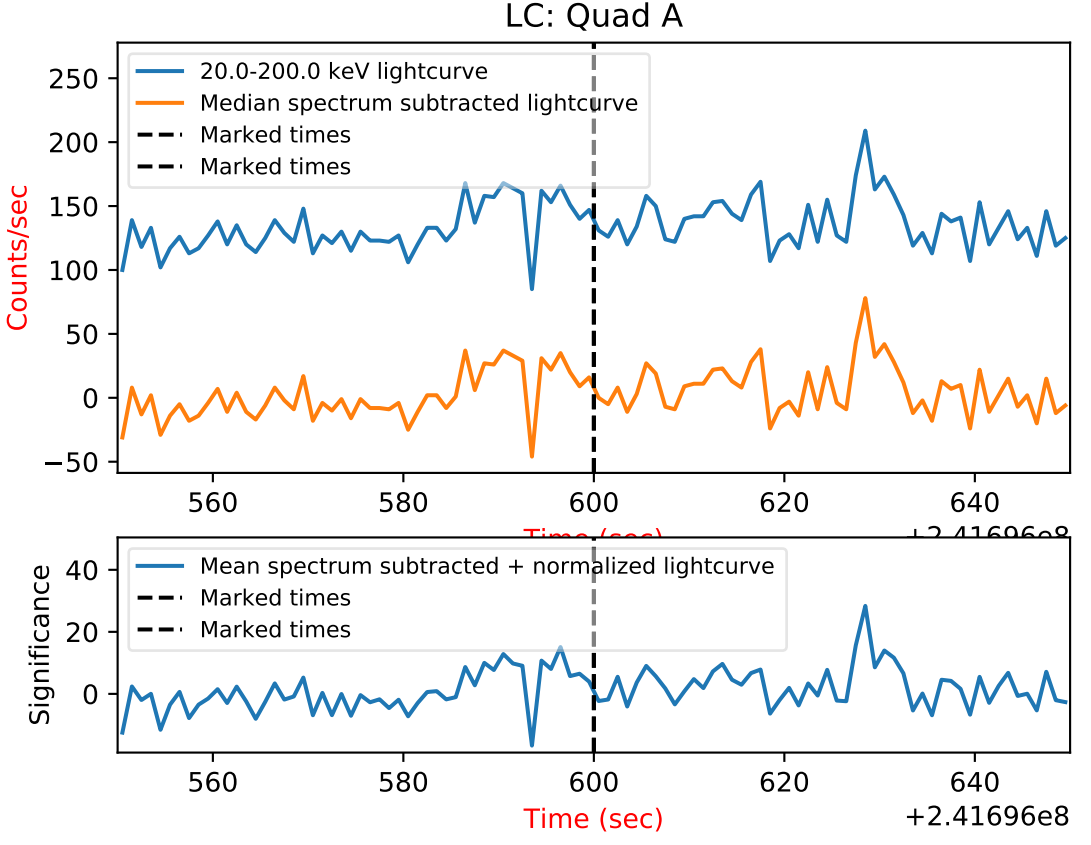
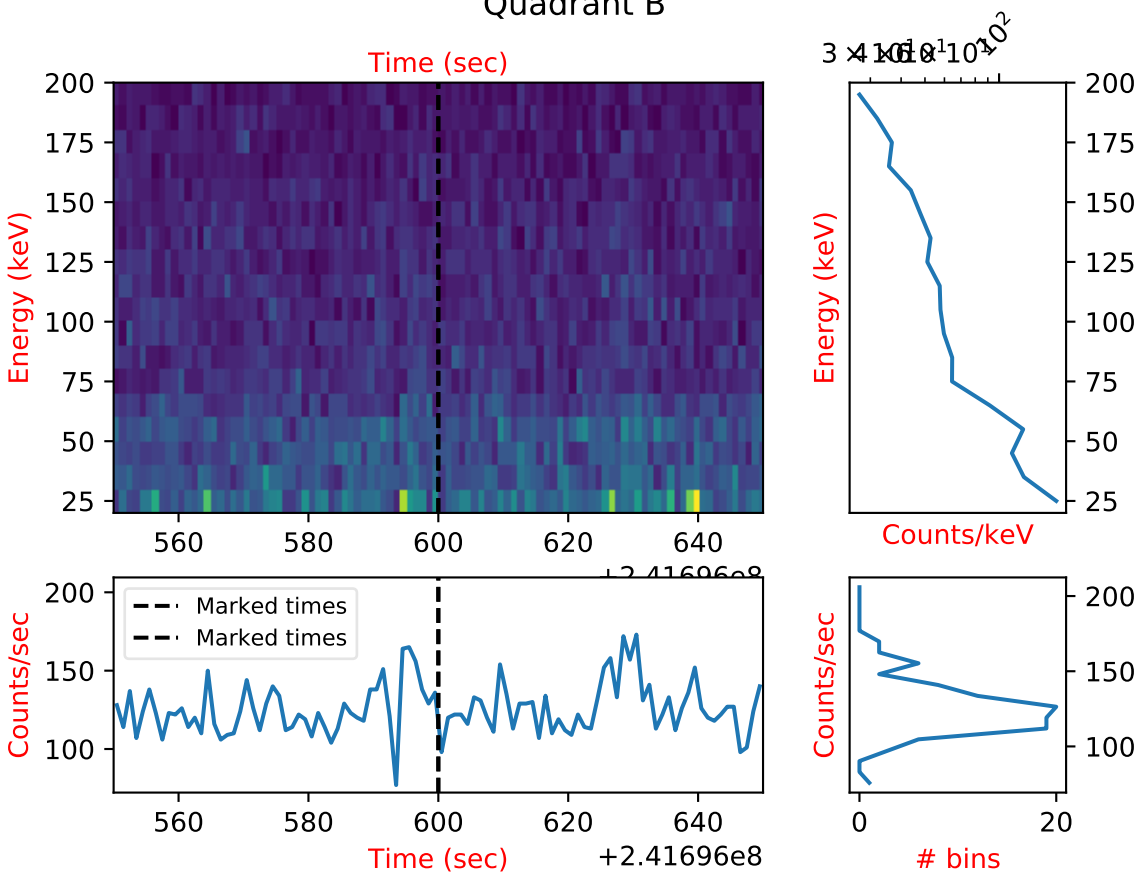
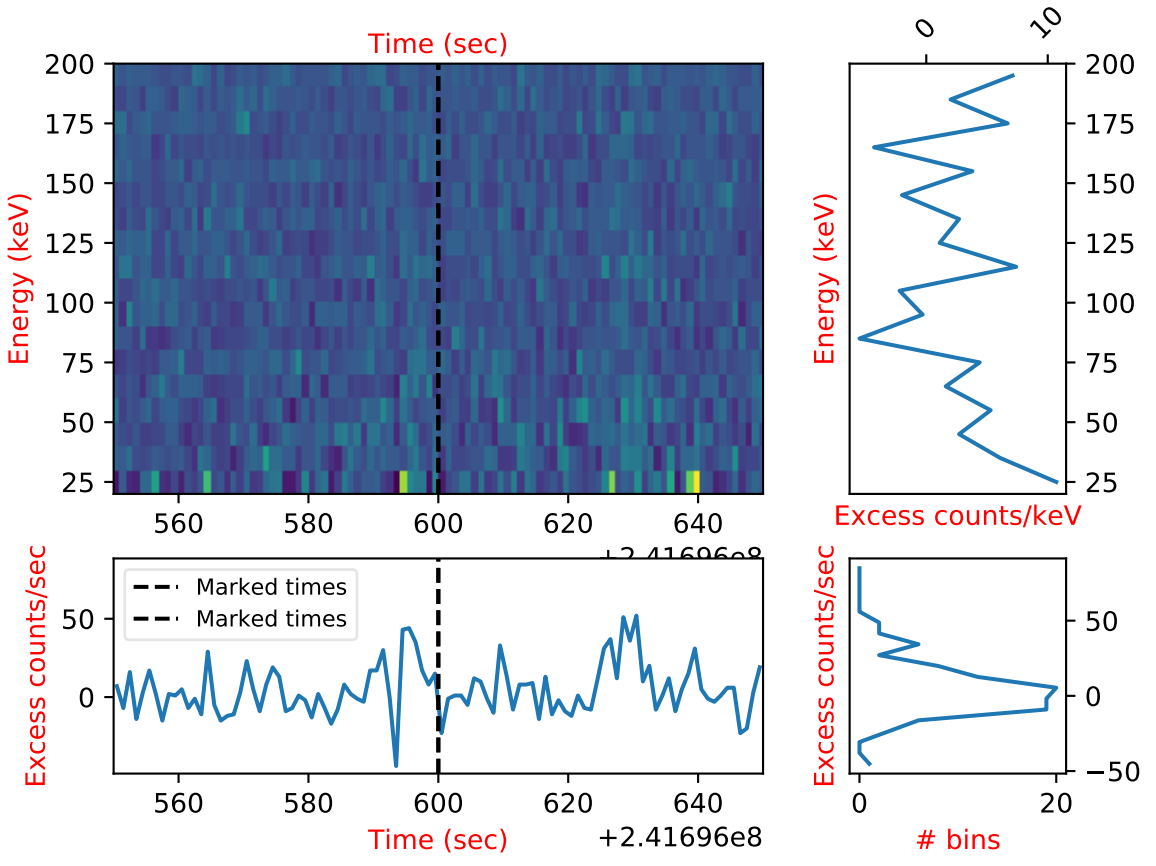

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
Counts/keV
Counts/sec
Marked times
Marked times
250
200
150
100
Time (sec)
+2.41696e8
bins
0
20

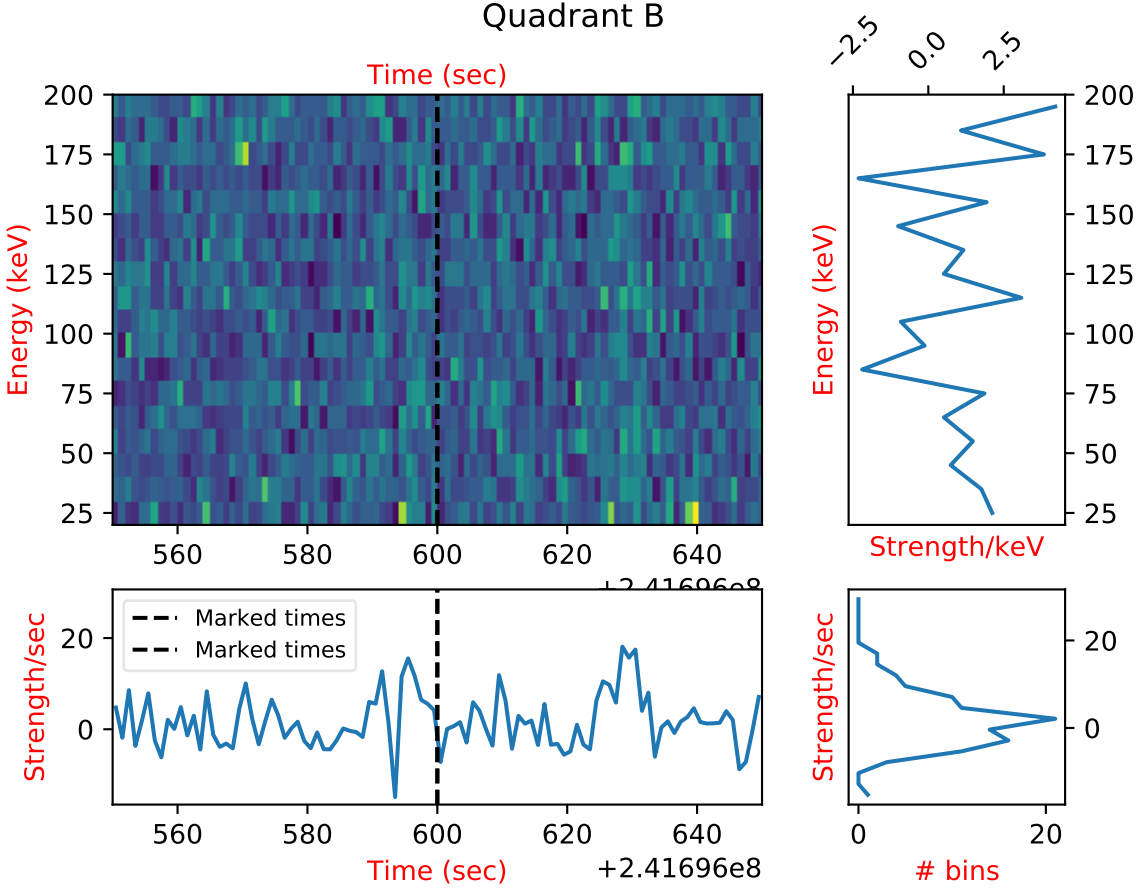

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
100
50
0
−50
+2.41696e8
bins
20

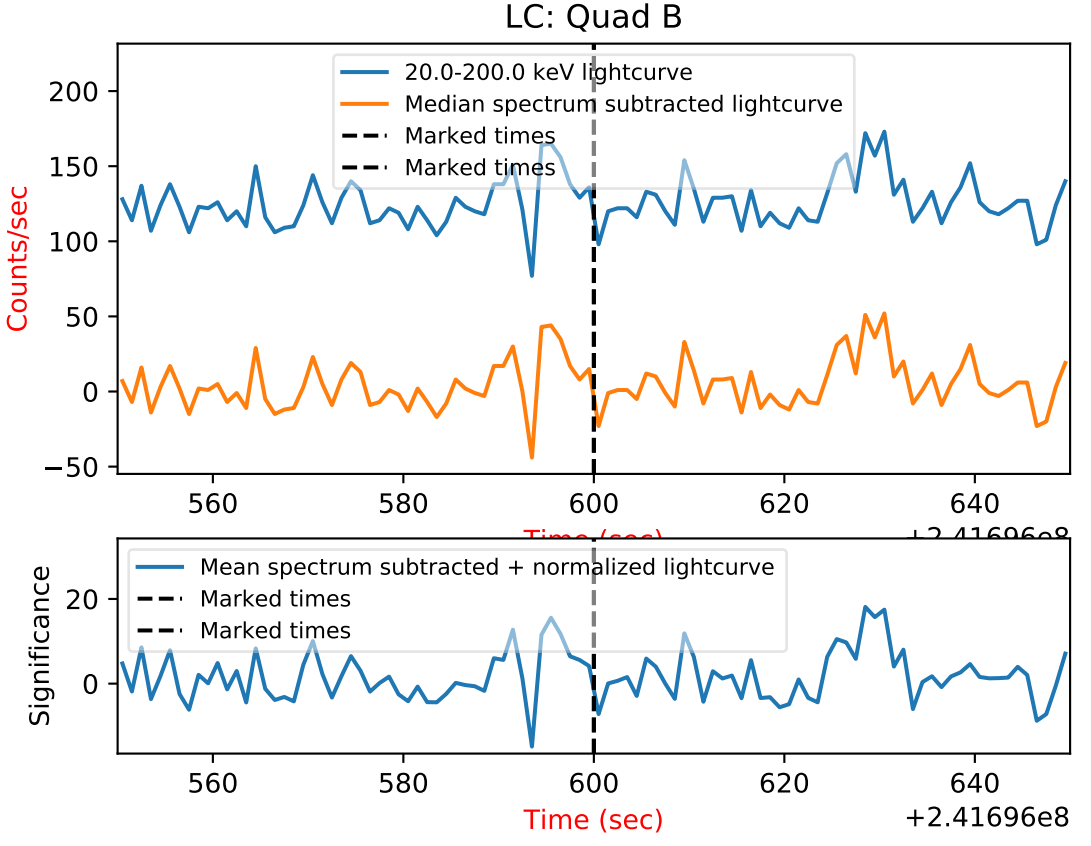

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
+2.41696e8
0.0
2.5
Strength/keV
Strength/sec
40
20
0
Marked times
Marked times
−20
bins

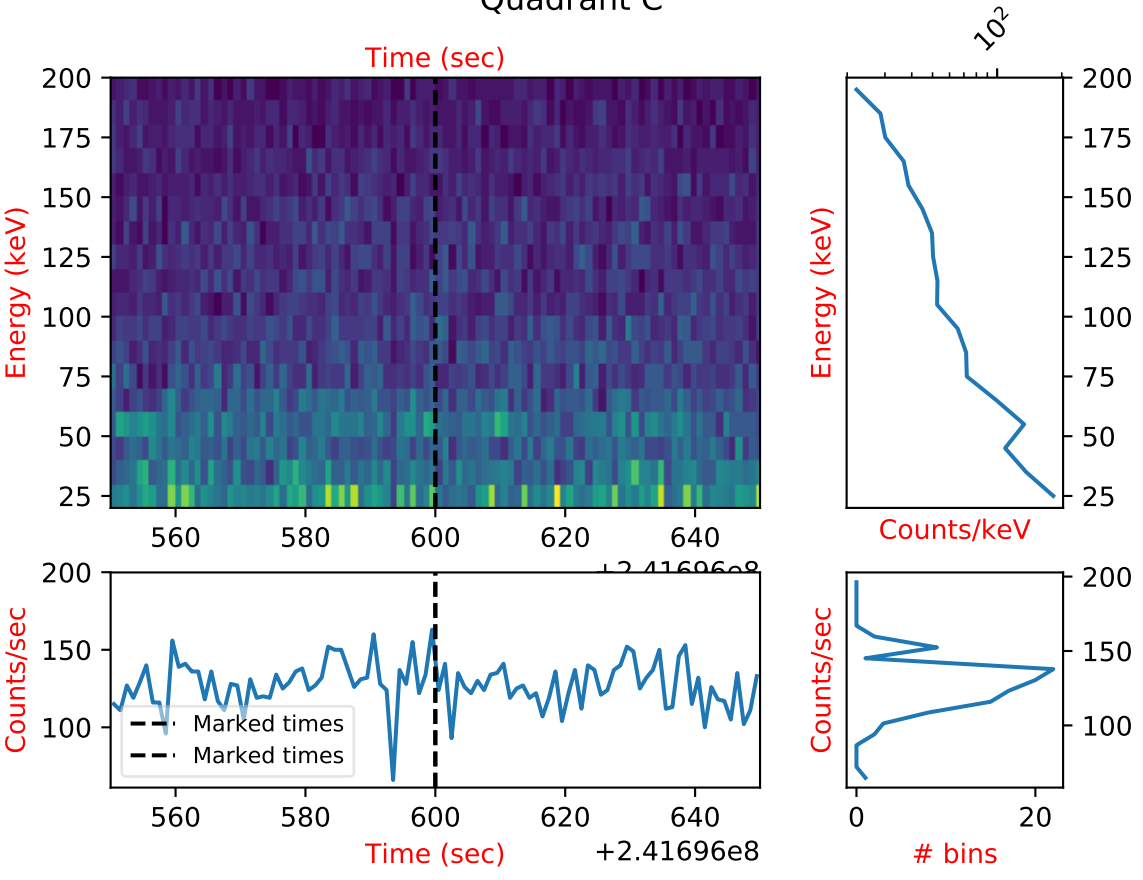

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
250
200
150
100
50
0
−50
560
580
600
620
640
+2.41696e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
40
20
0
560
580
600
620
640
Time (sec)
+2.41696e8

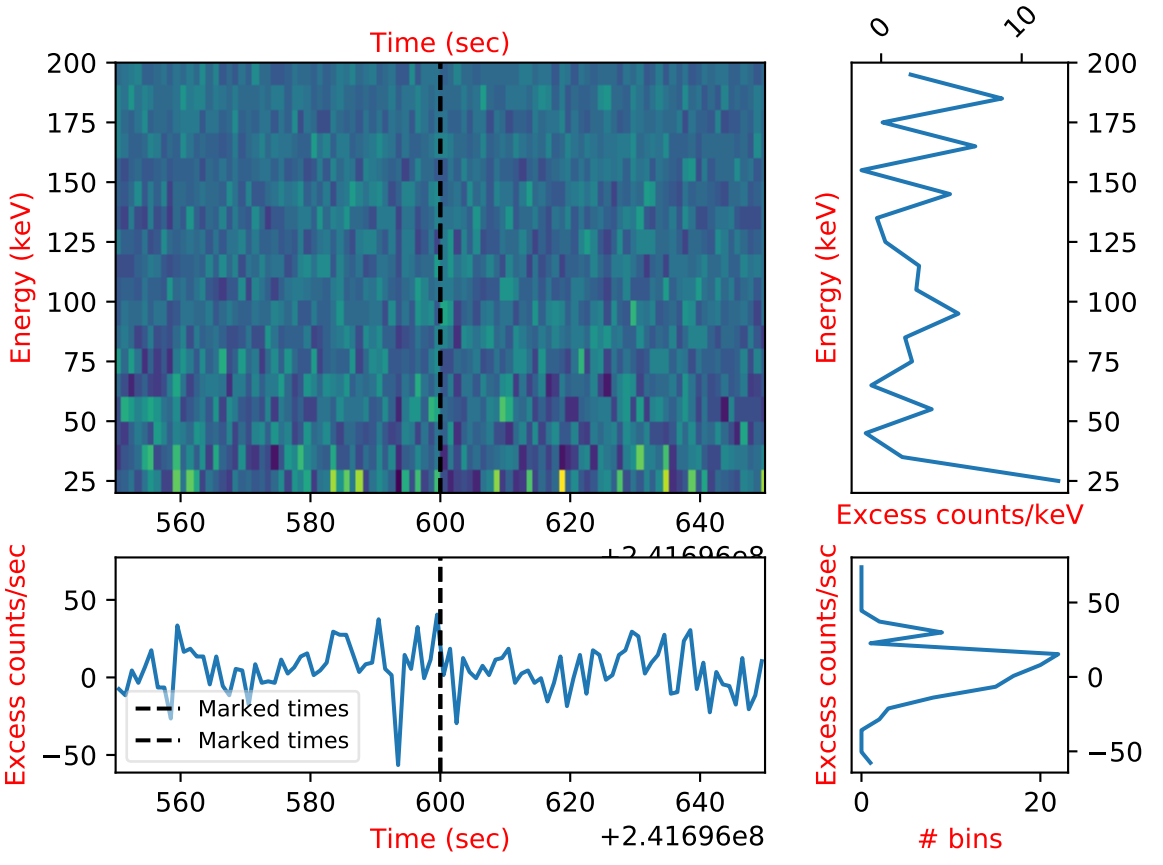

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
3 × 10^0
4 × 10^0
6 × 10^0
10^1
2 × 10^1
10^2
Counts/keV
Marked times
Marked times
Counts/sec
Time (sec)
+2.41696e8
bins
0
20

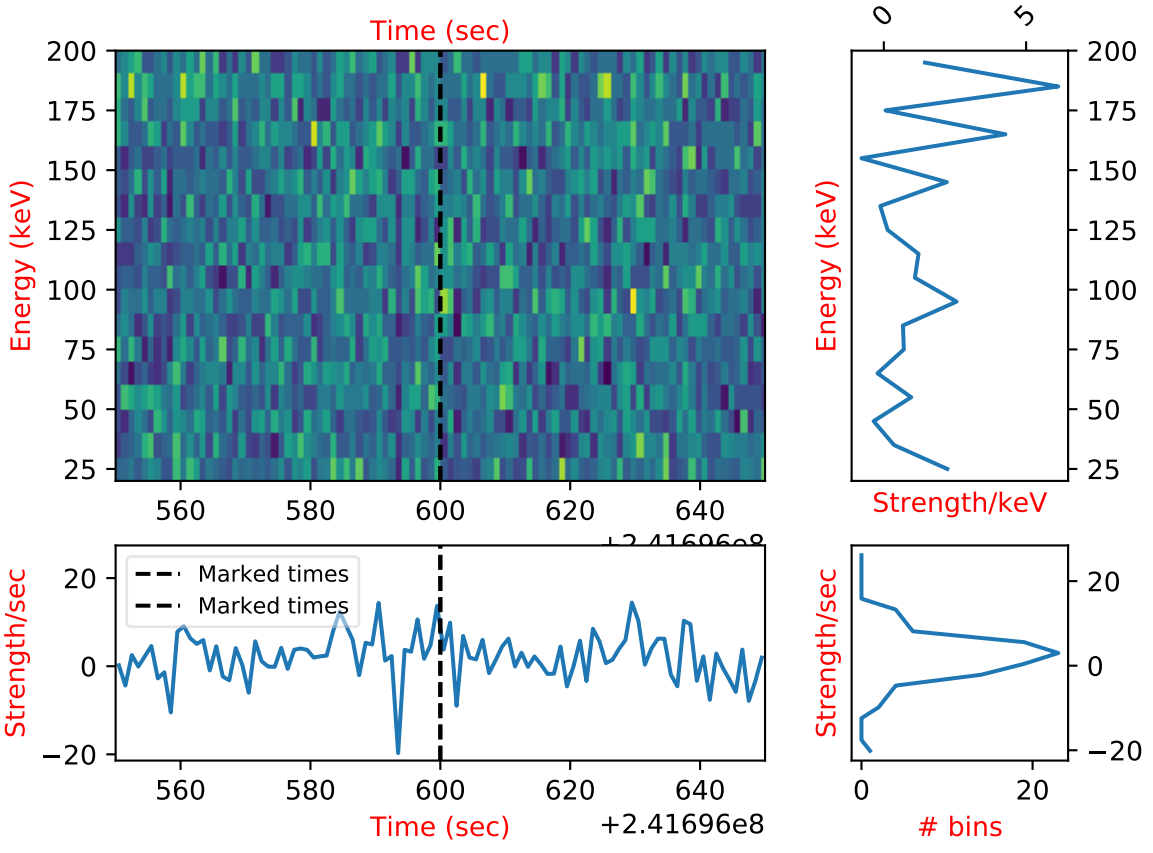

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
+2.41696e8
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
50
0
−50
20
bins

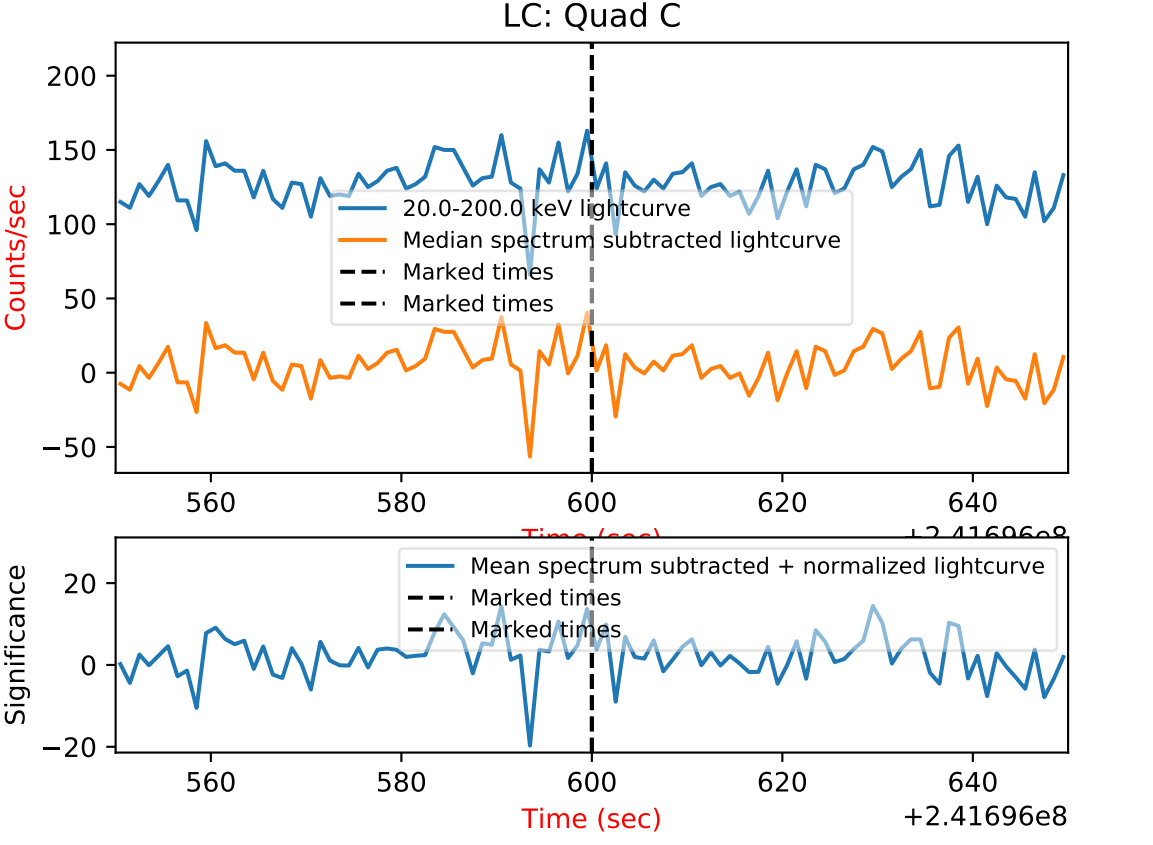

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
−2.5
0.0
2.5
Strength/keV
Strength/sec
Marked times
Marked times
20
0
+2.41696e8
bins

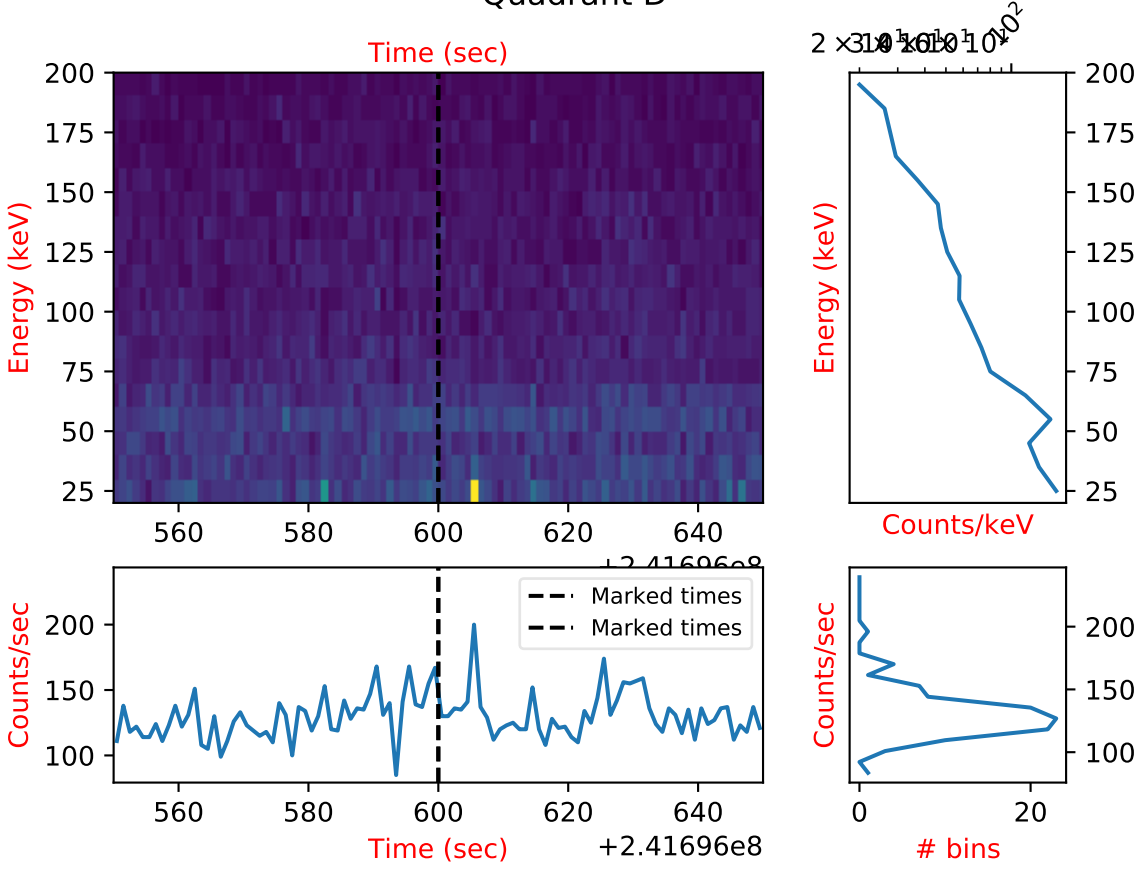

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
200
150
100
50
0
−50
560
580
600
620
640
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
20
0
560
580
600
620
640
Time (sec)
+2.41696e8

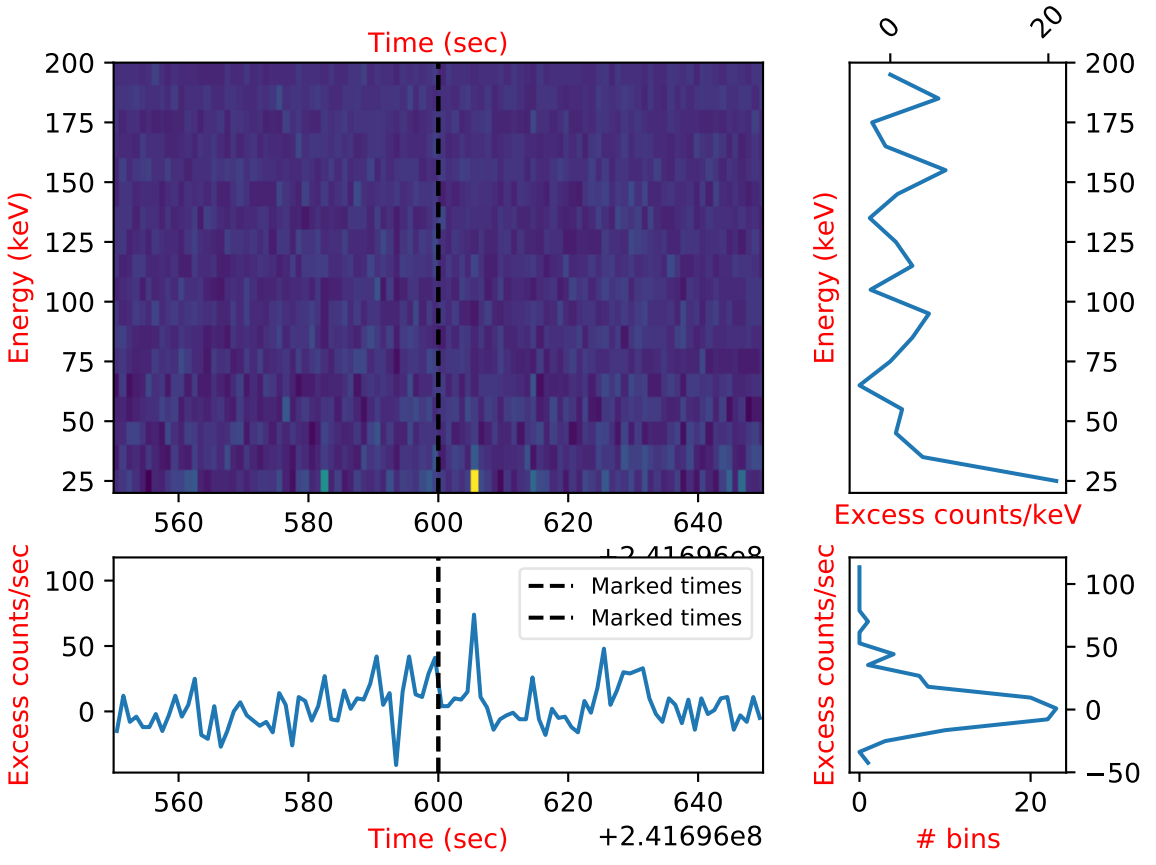

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
10^2
Counts/keV
Counts/sec
Marked times
Marked times
+2.41696e8
0
20
bins

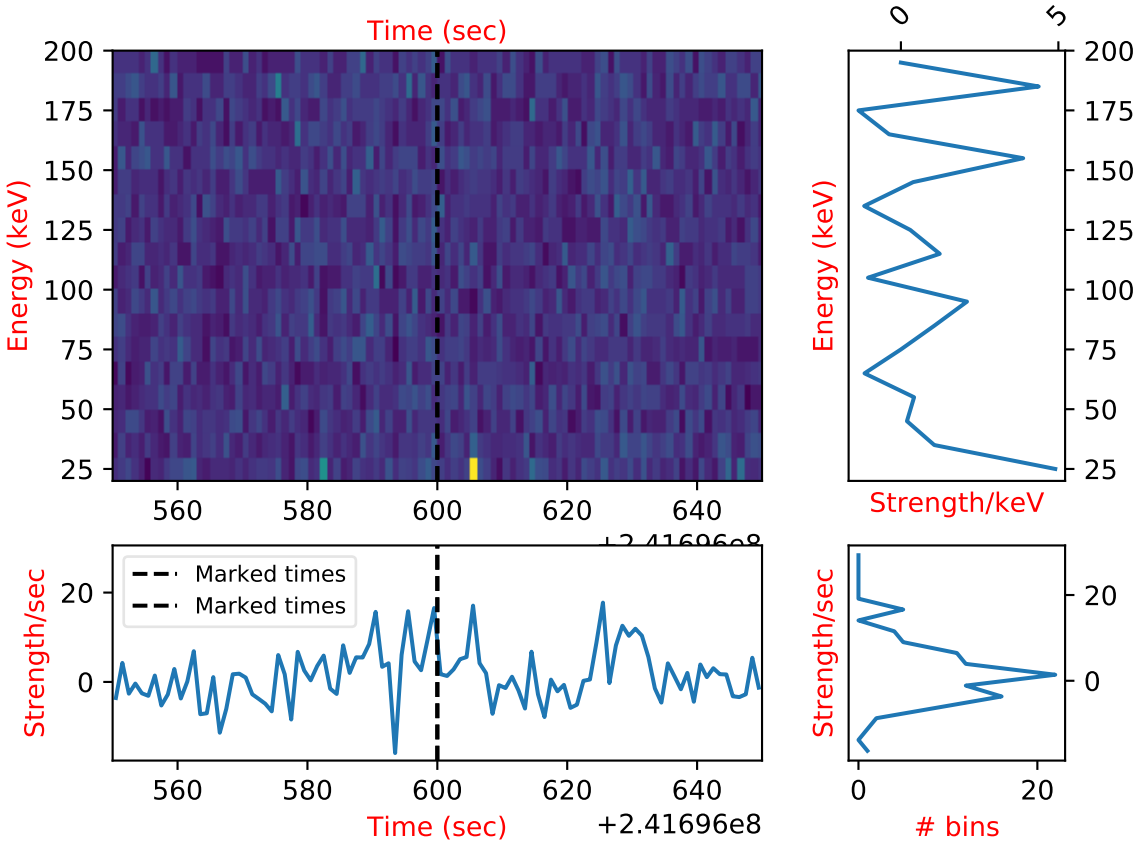

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
+2.41696e8
0
10
Excess counts/keV
Excess counts/sec
50
0
−50
Marked times
Marked times
Time (sec)
+2.41696e8
20
bins

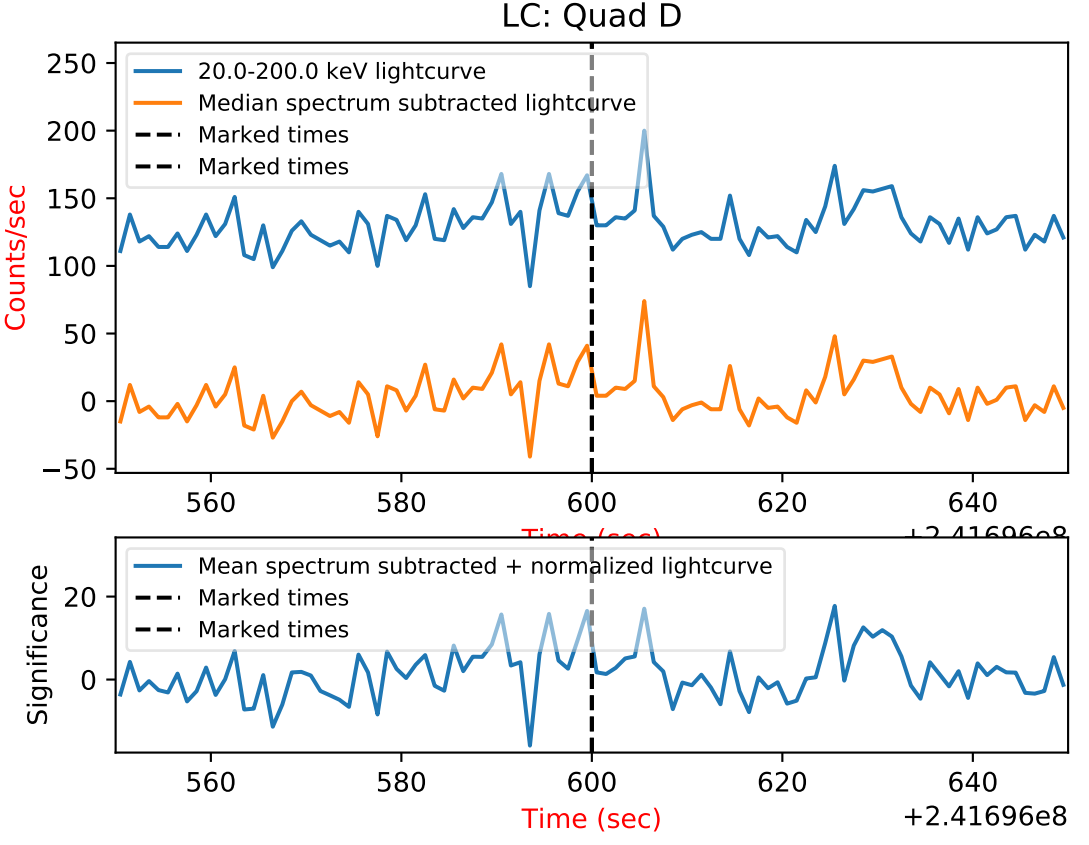

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
+2.41696e8
0
5
Strength/keV
Strength/sec
20
0
−20
Marked times
Marked times
Time (sec)
bins

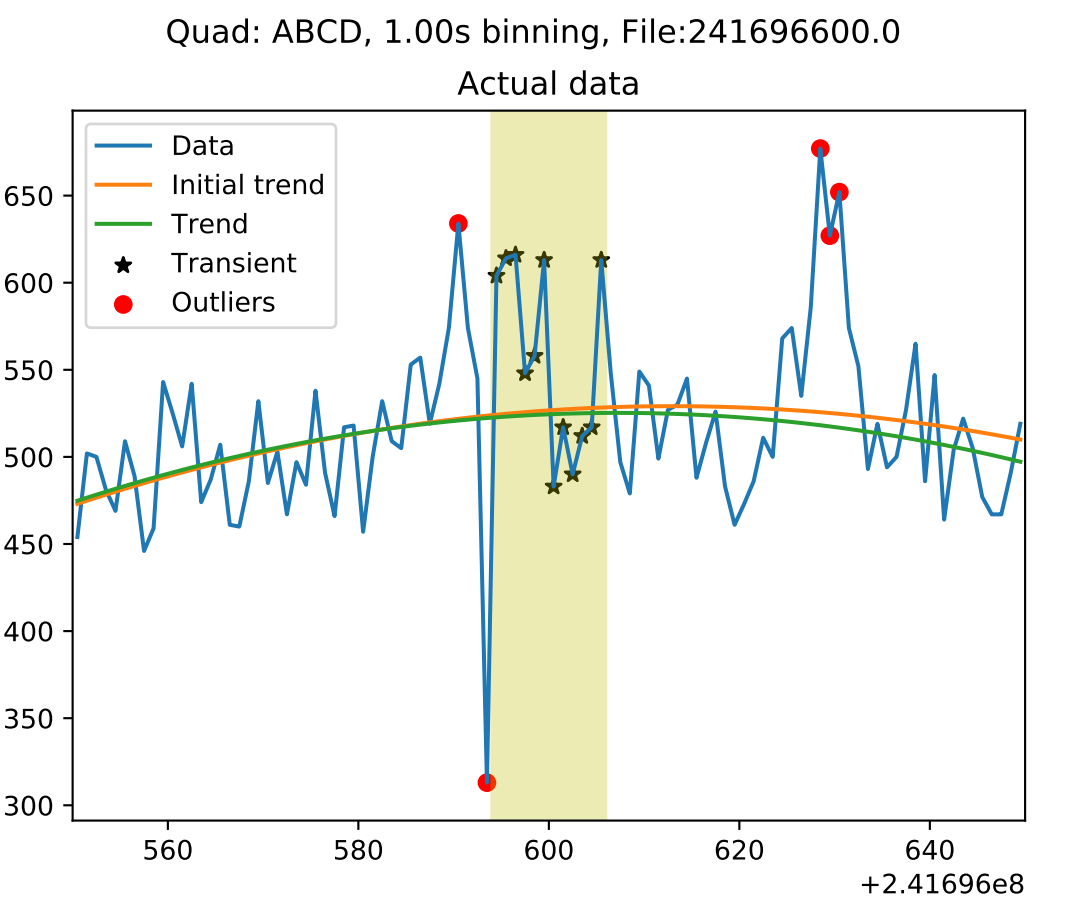

LC: Quad C
Counts/sec
200
150
100
50
0
−50
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
560
580
600
620
640
+2.41696e8
Significance
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
560
580
600
620
640
Time (sec)
+2.41696e8

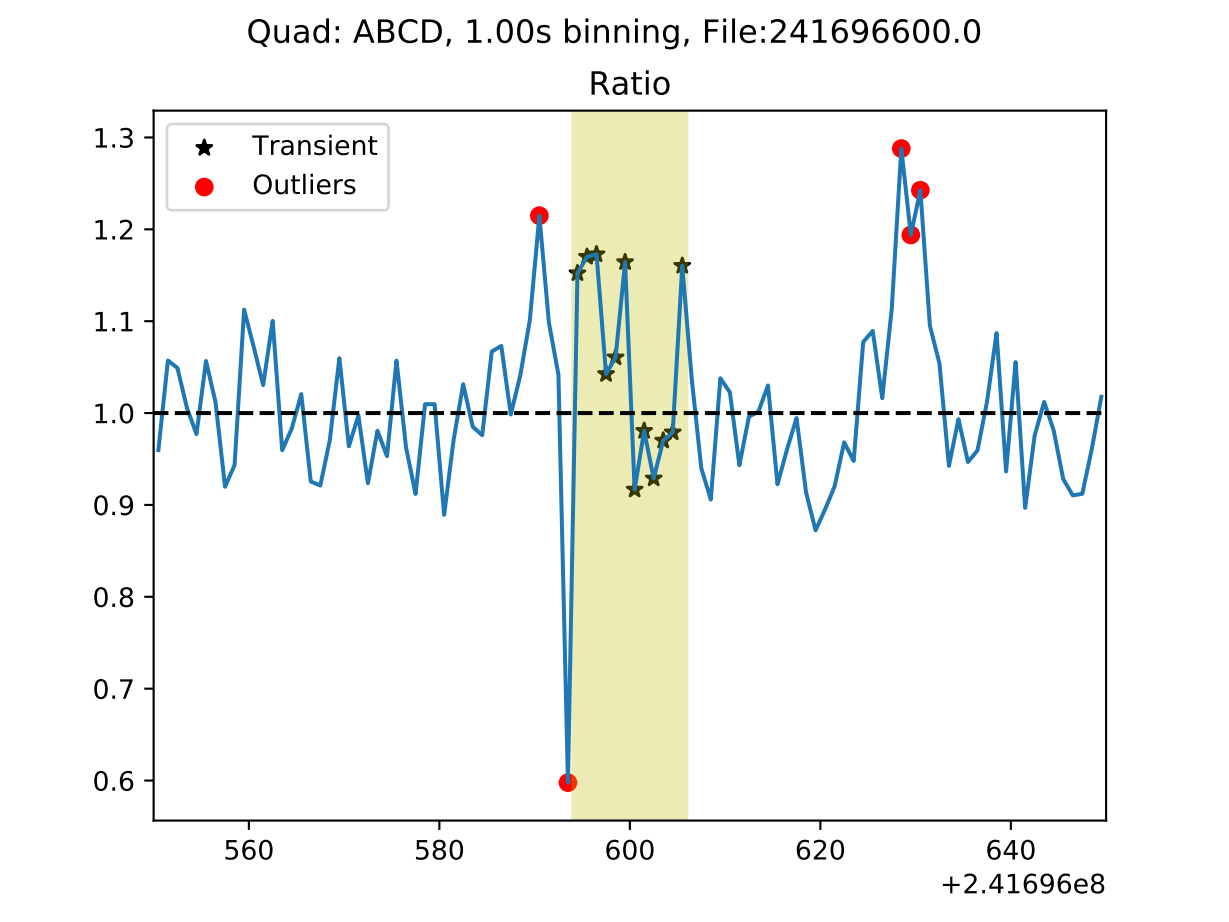

Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.41696e8

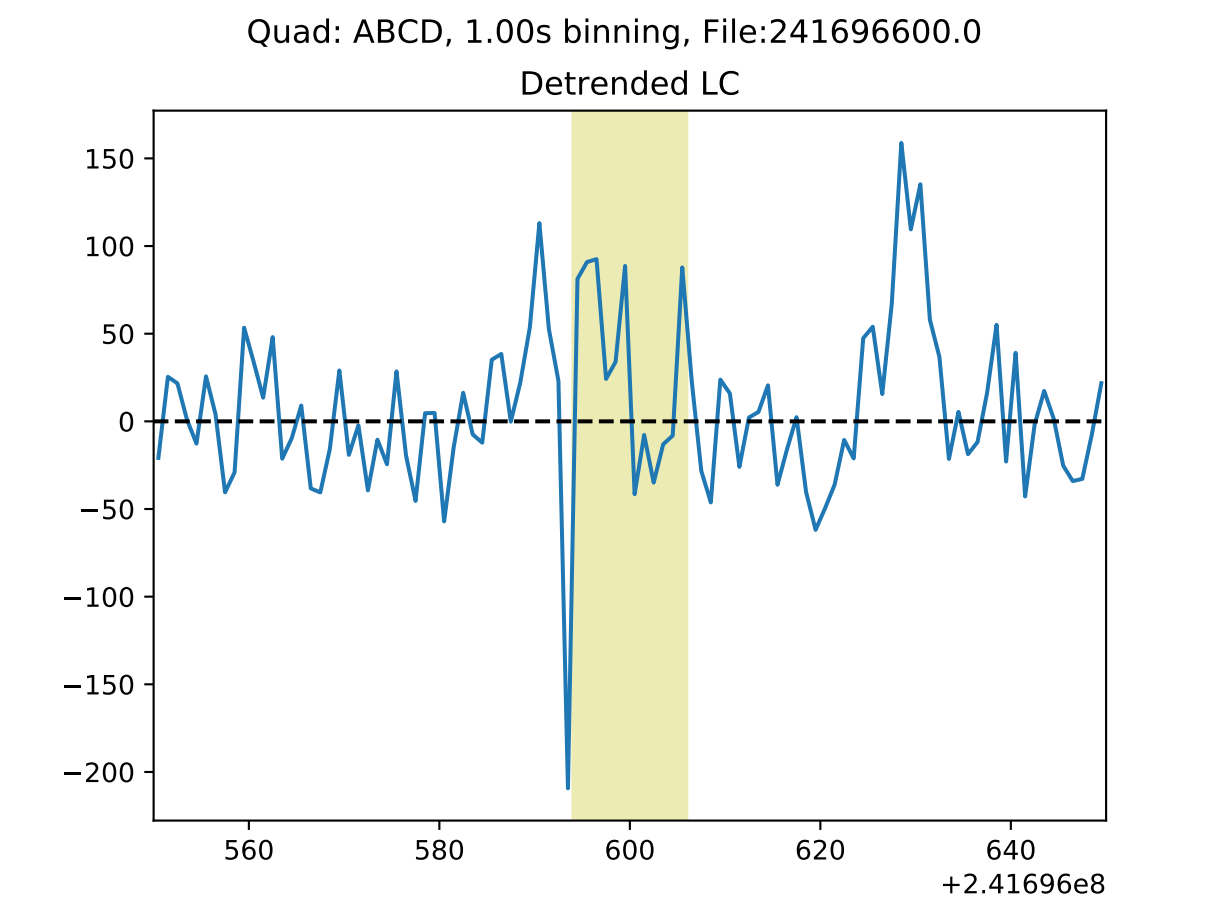

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
0
20
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Marked times
+2.41696e8
−50
bins

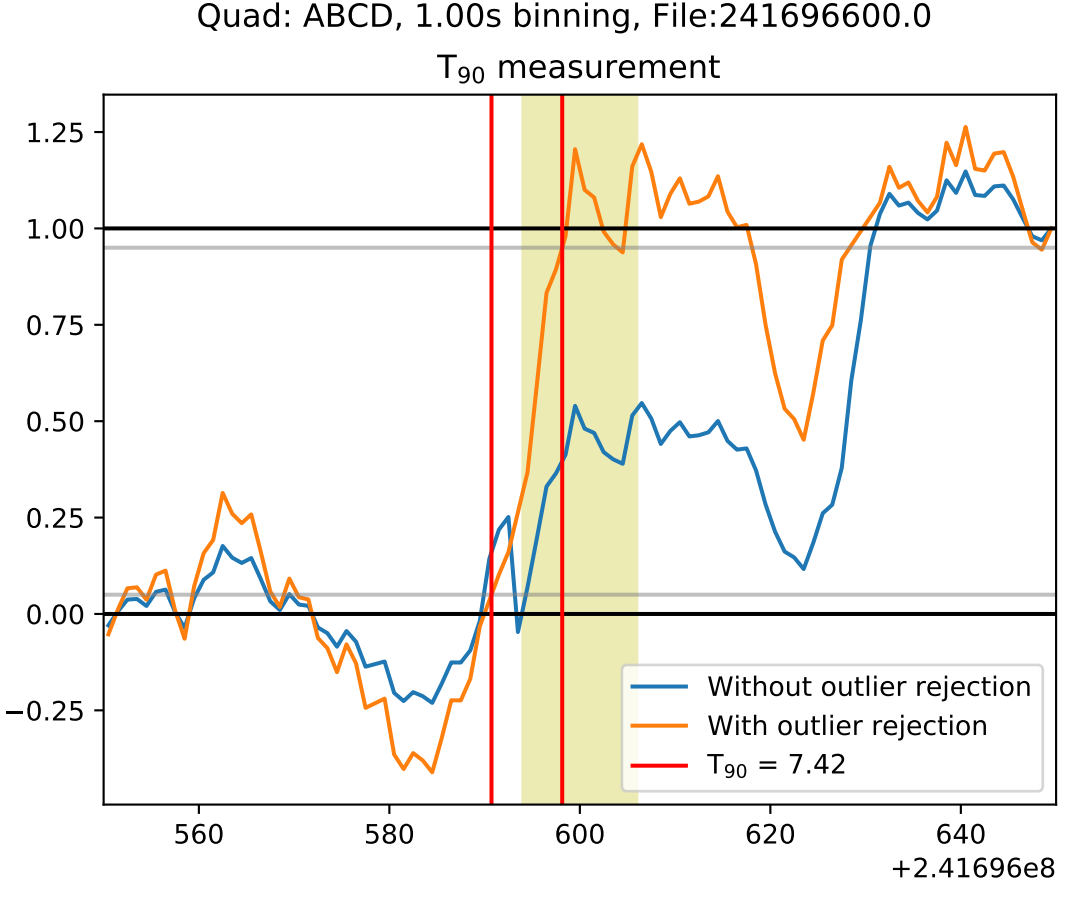

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
560
580
600
620
640
+2.41696e8
0
5
Strength/keV
Strength/sec
Marked times
Marked times
20
0
bins

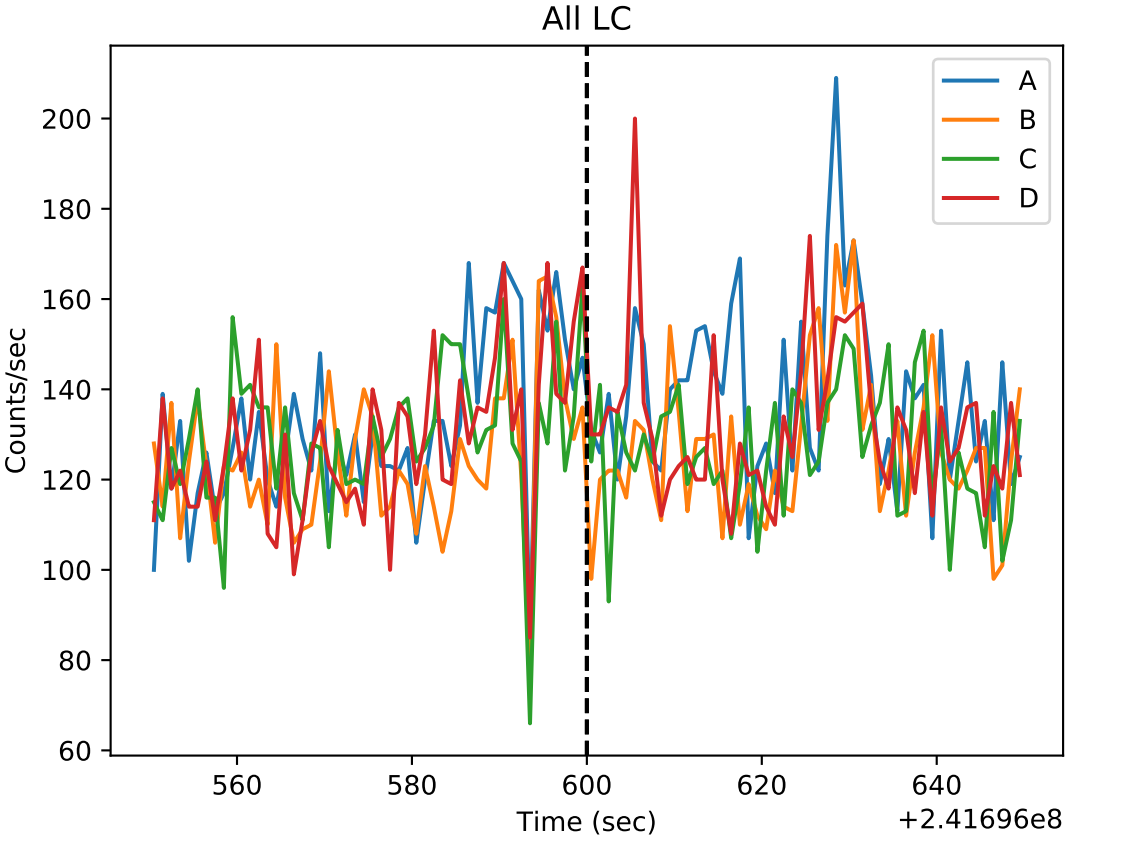

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
250
200
150
100
50
0
−50
560
580
600
620
640
+2.41696e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
20
0
560
580
600
620
640
Time (sec)
+2.41696e8


Quad: ABCD, 1.00s binning, File:241696600.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
650
600
550
500
450
400
350
300
560
580
600
620
640
+2.41696e8


Quad: ABCD, 1.00s binning, File:241696600.0
Ratio
Transient
Outliers
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
560
580
600
620
640
+2.41696e8


Quad: ABCD, 1.00s binning, File:241696600.0
Detrended LC
150
100
50
0
−50
−100
−150
−200
560
580
600
620
640
+2.41696e8


Quad: ABCD, 1.00s binning, File:241696600.0
T90 measurement
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
560
580
600
620
640
+2.41696e8
Without outlier rejection
With outlier rejection
T90 = 7.42


All LC
A
B
C
D
Counts/sec
200
180
160
140
120
100
80
60
560
580
600
620
640
Time (sec)
+2.41696e8