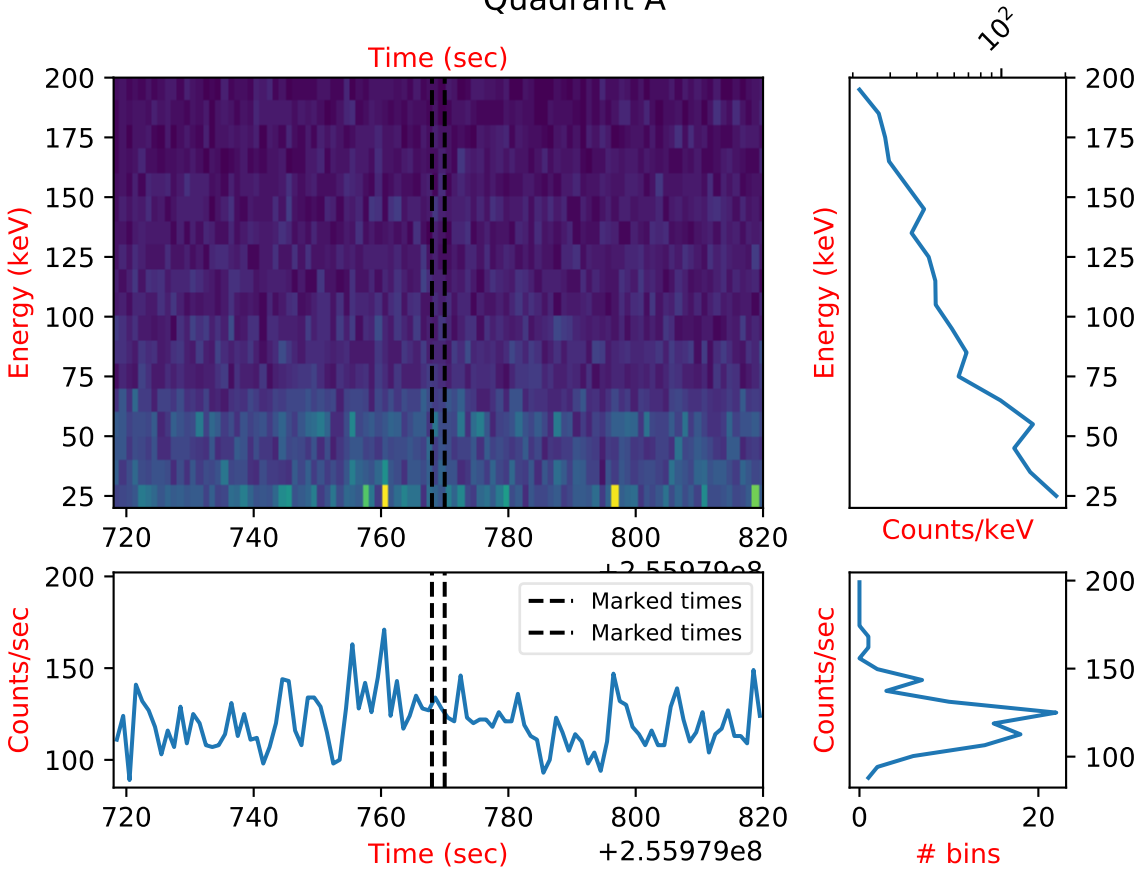
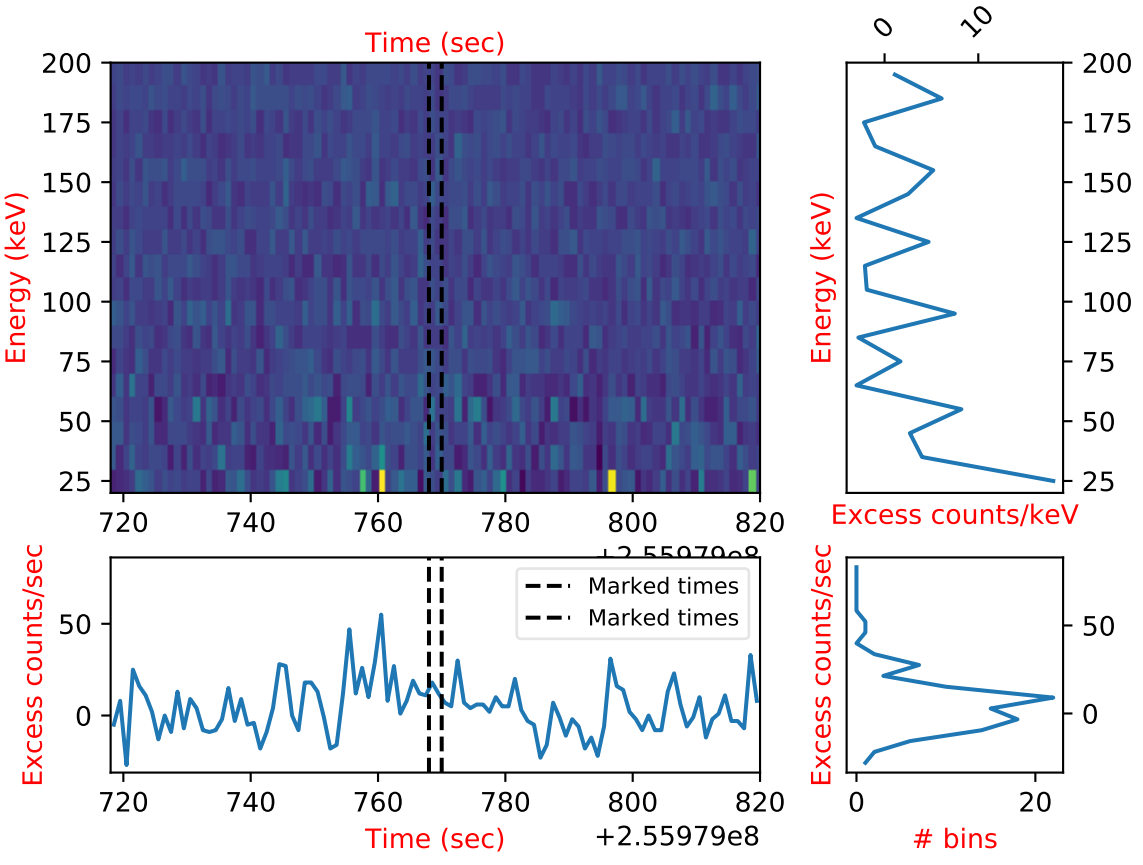
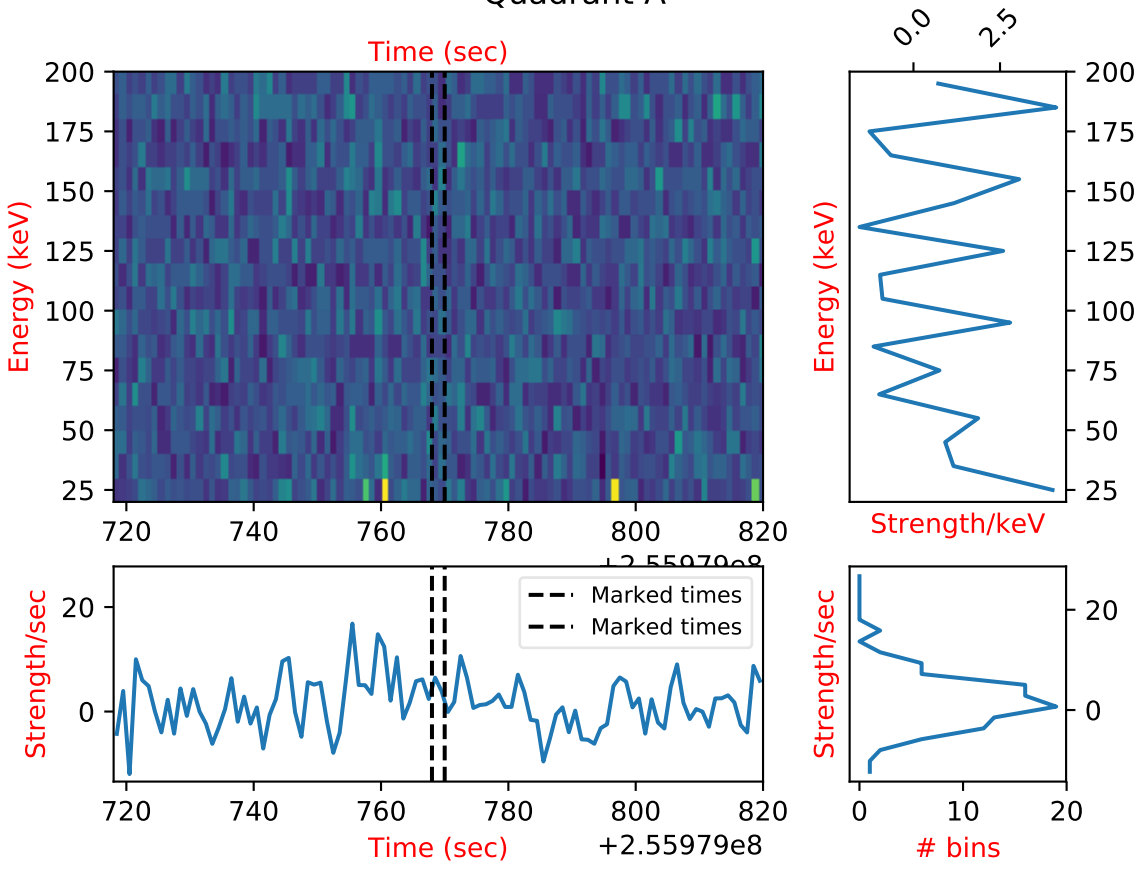
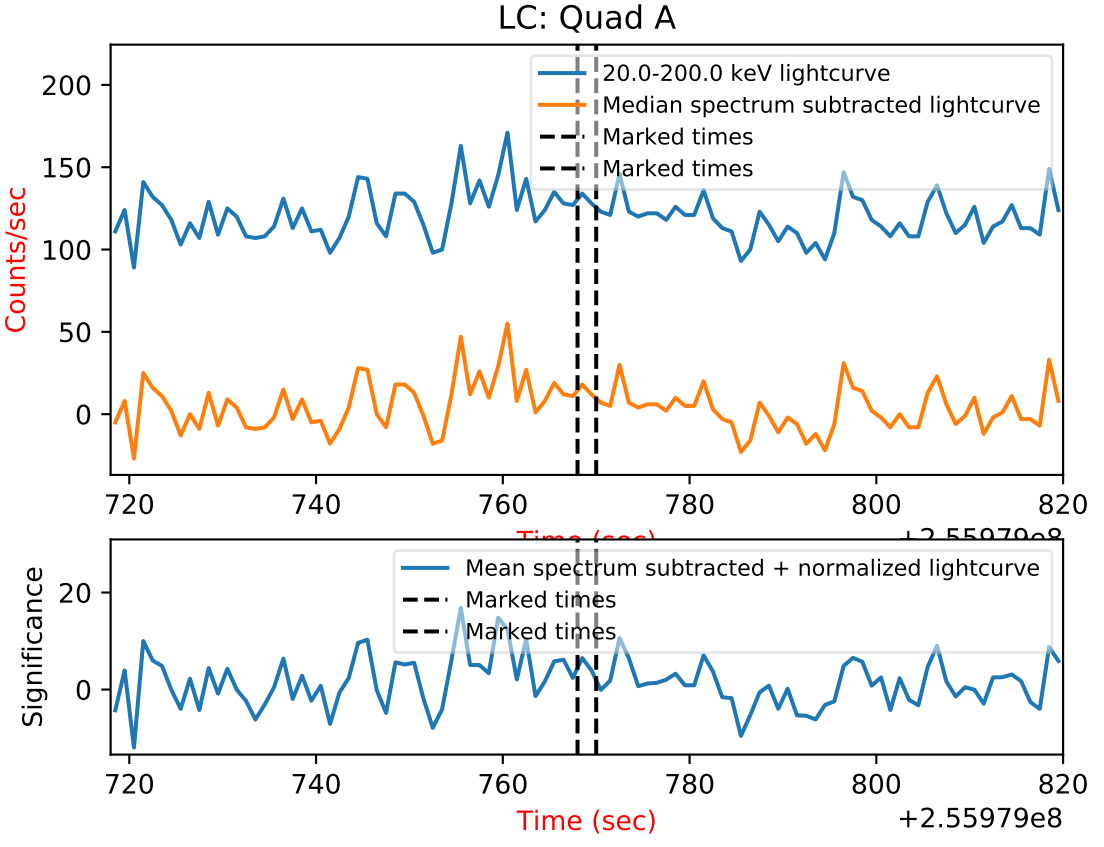
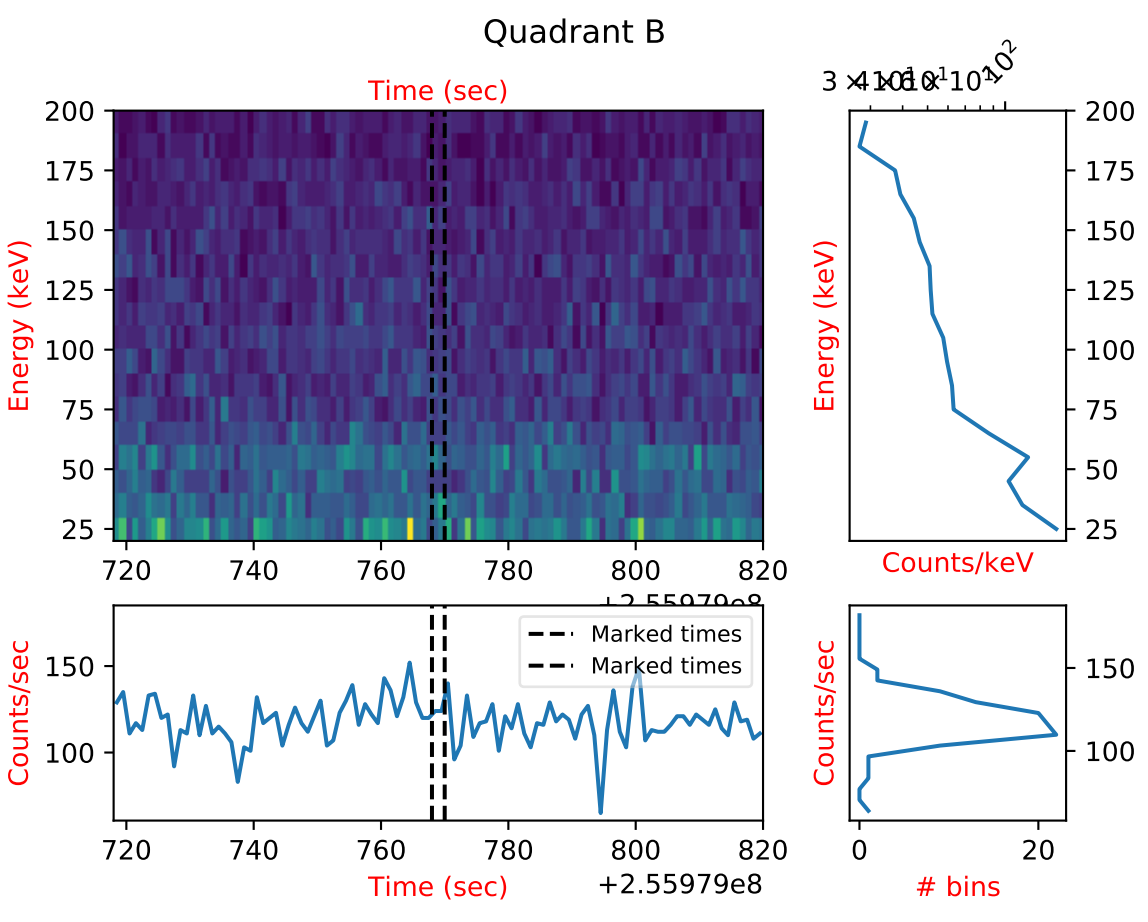
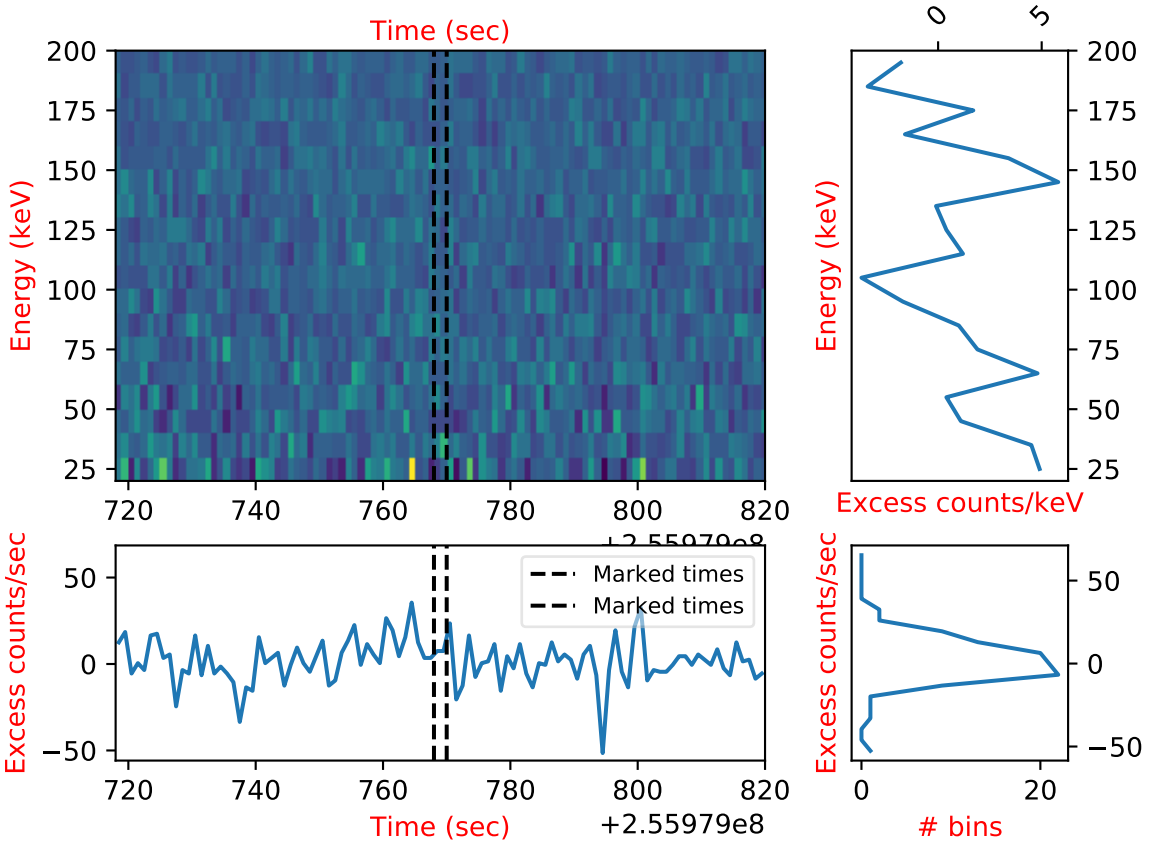

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
10^2
Counts/keV
Counts/sec
Marked times
Marked times
+2.55979e8
0
20
bins

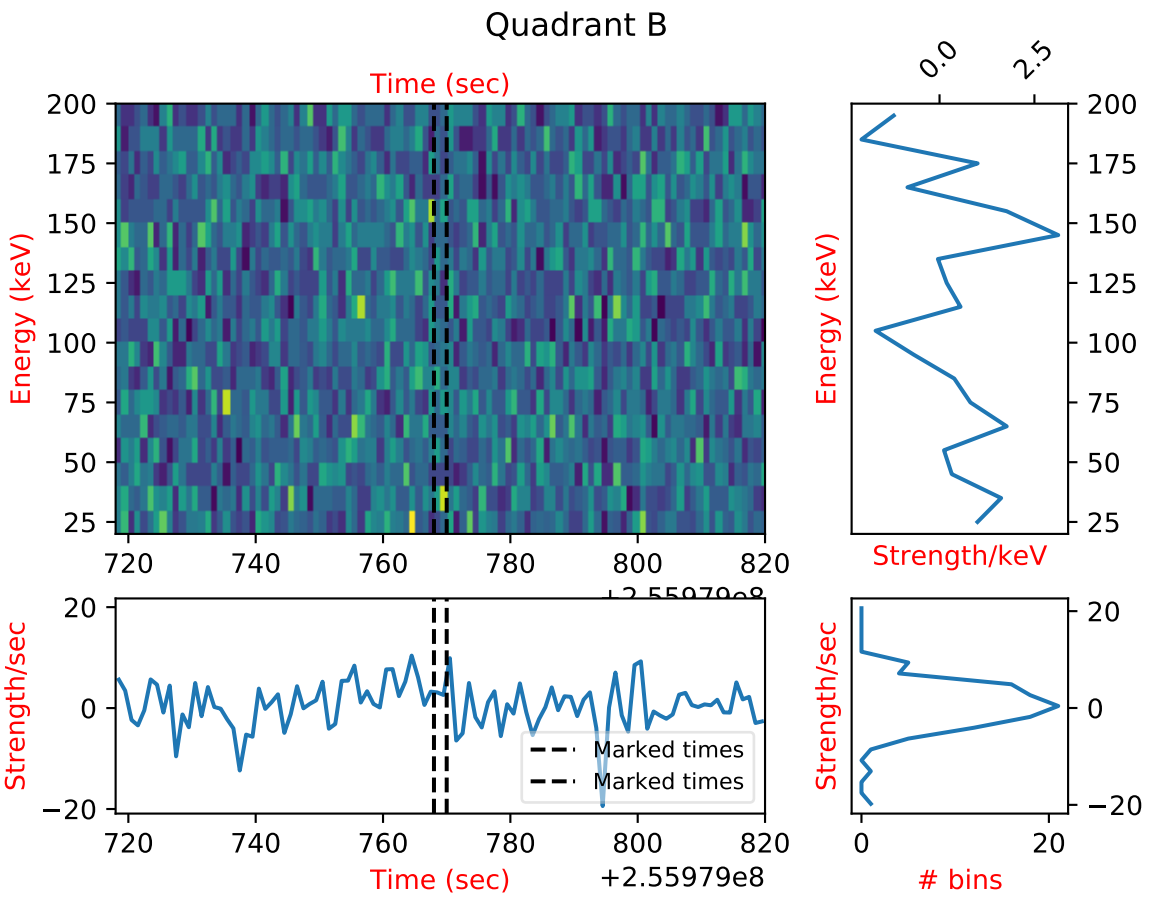

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
50
0
+2.55979e8
bins
20

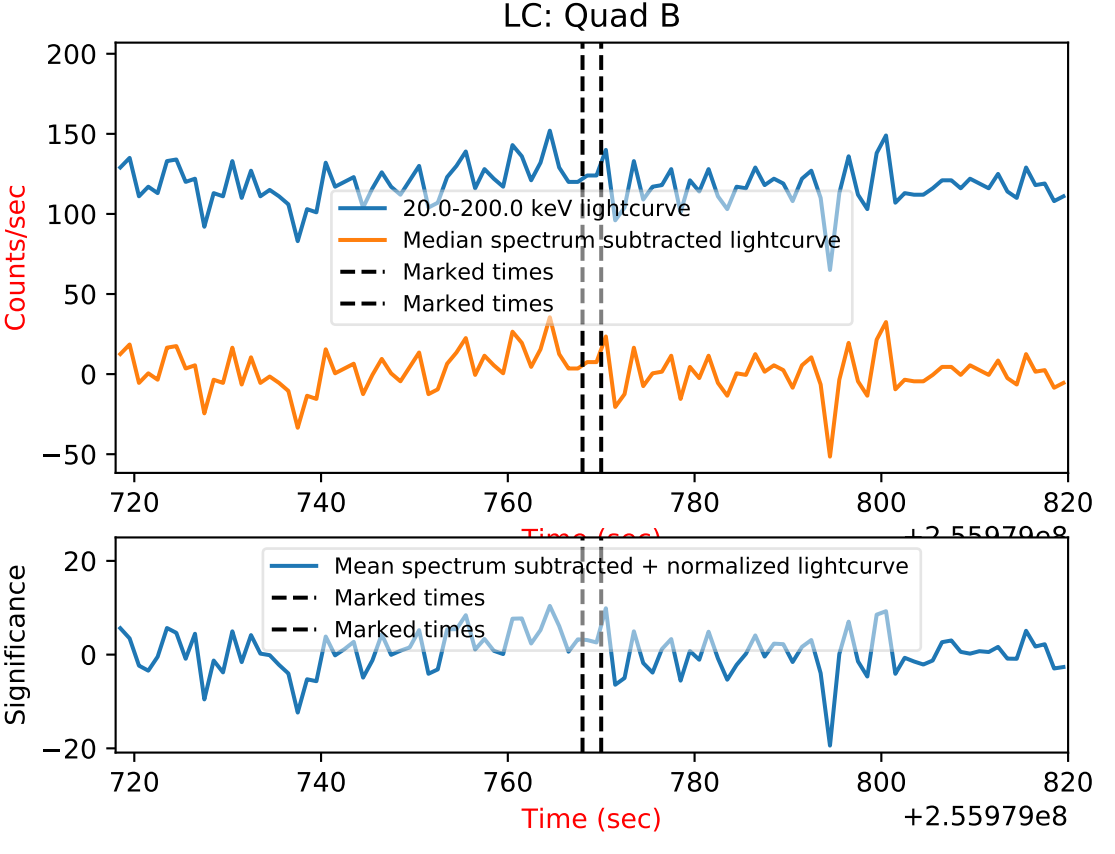

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
0.0
2.5
Strength/keV
Strength/sec
20
0
Marked times
Marked times
+2.55979e8
bins
10

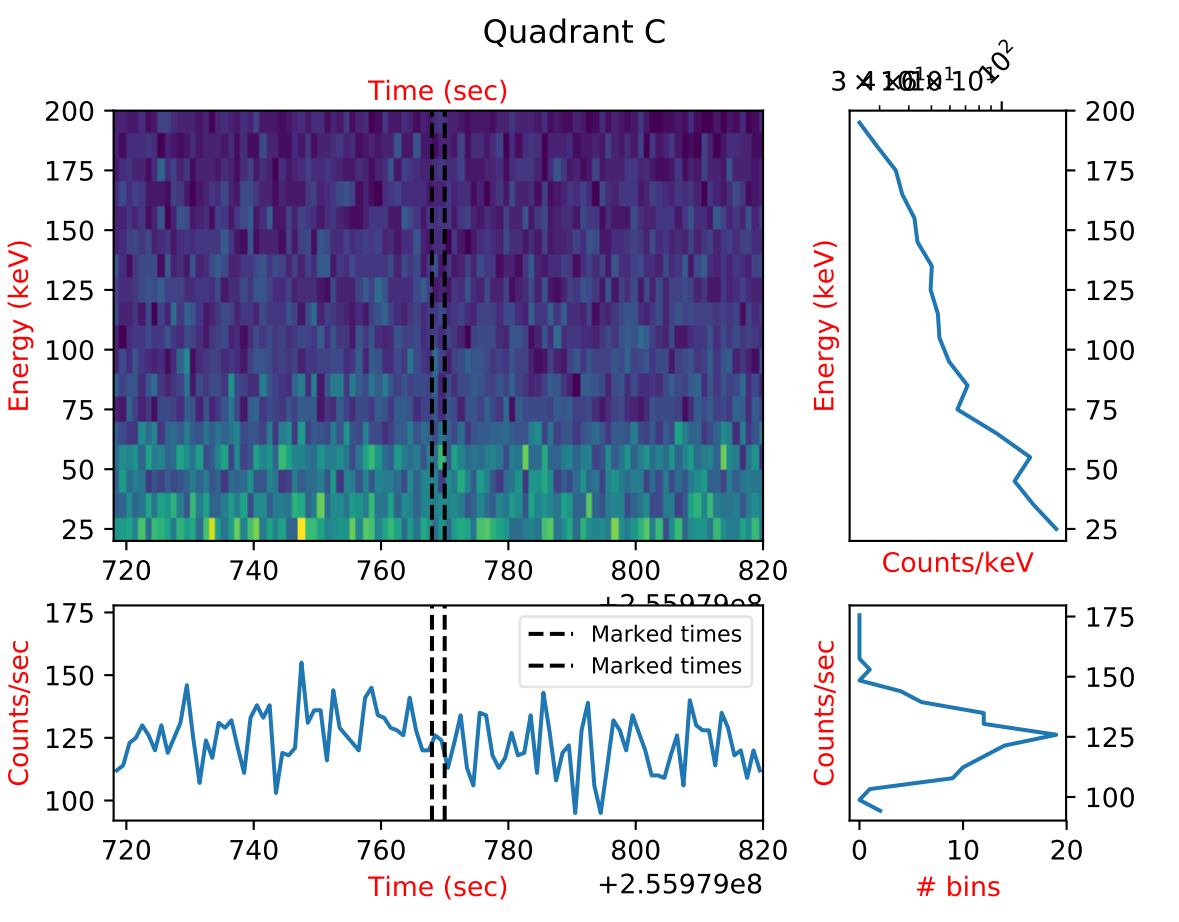

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
200
150
100
50
0
720
740
760
780
800
820
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
20
0
Time (sec)
+2.55979e8

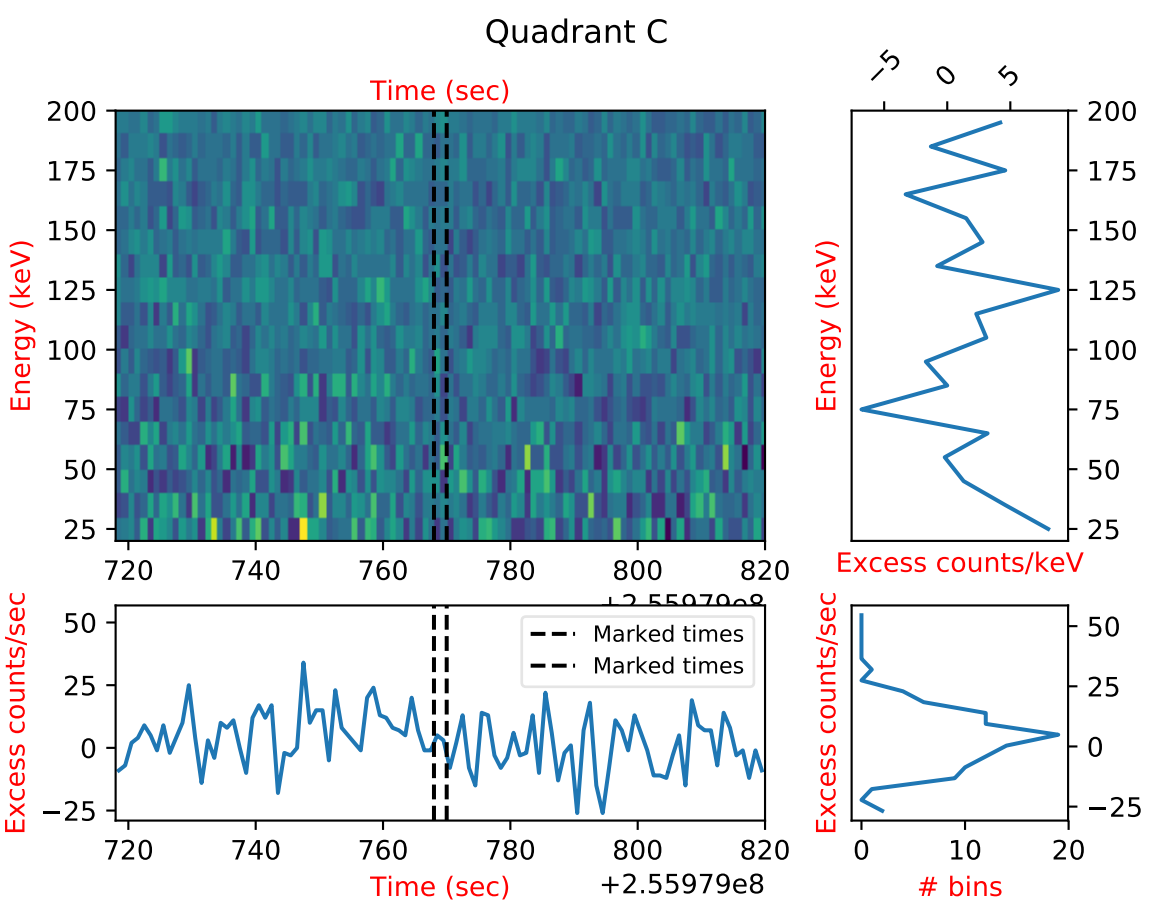

Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.55979e8

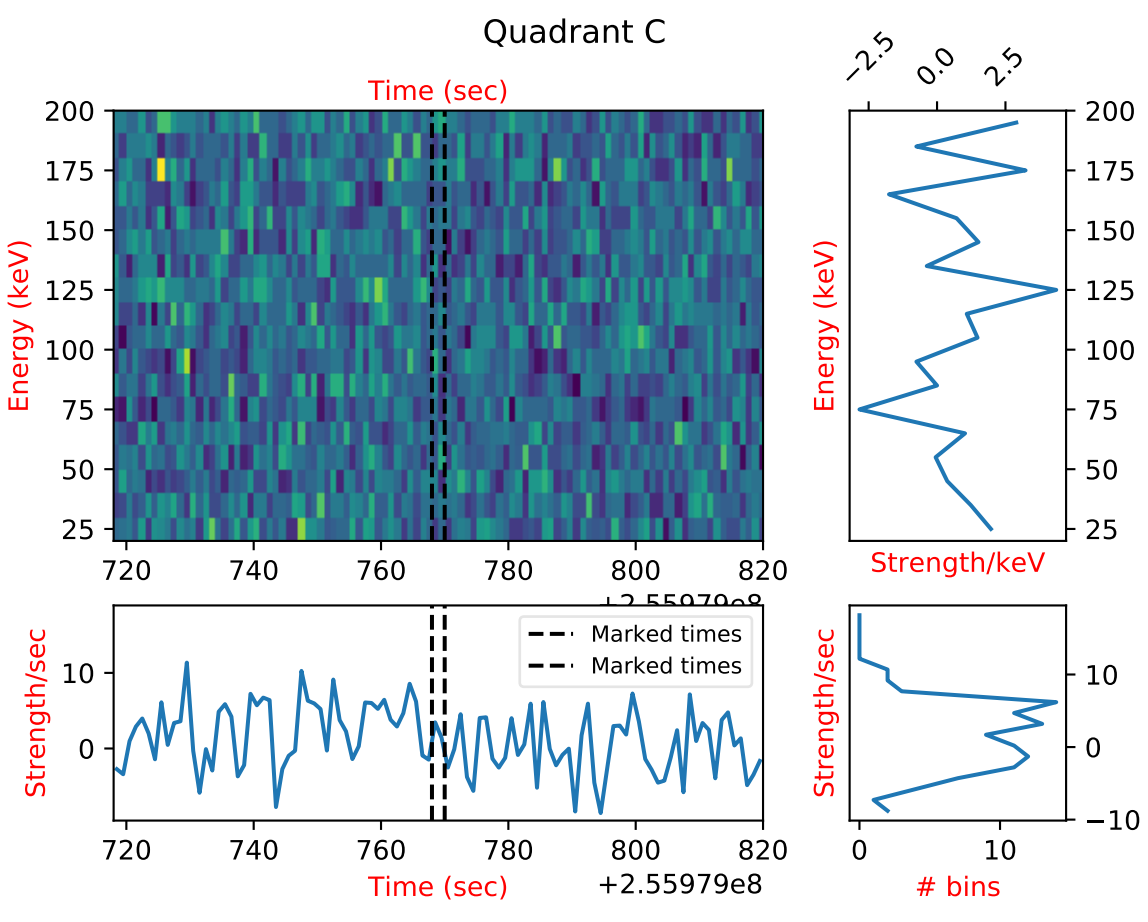

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
0
5
Excess counts/keV
Excess counts/sec
50
0
−50
Marked times
Marked times
+2.55979e8
bins
20

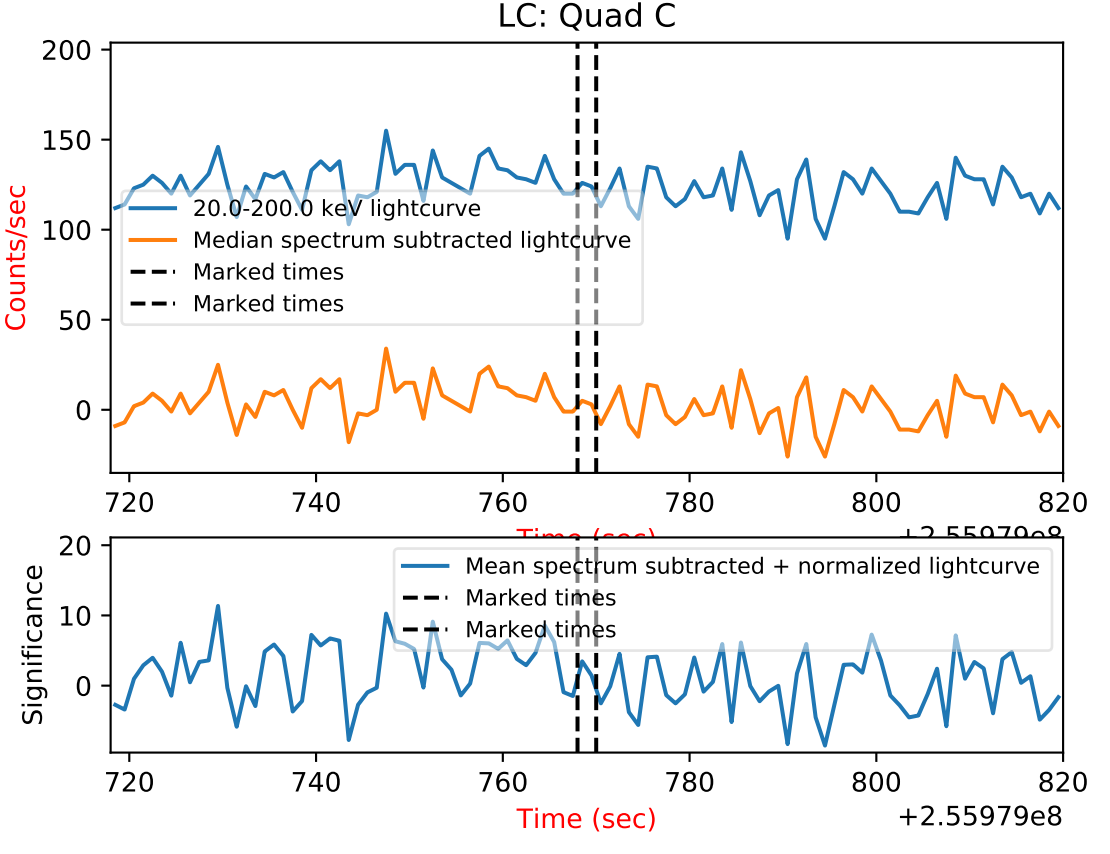

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
0.0
2.5
Strength/keV
Strength/sec
20
0
−20
Marked times
Marked times
+2.55979e8
bins

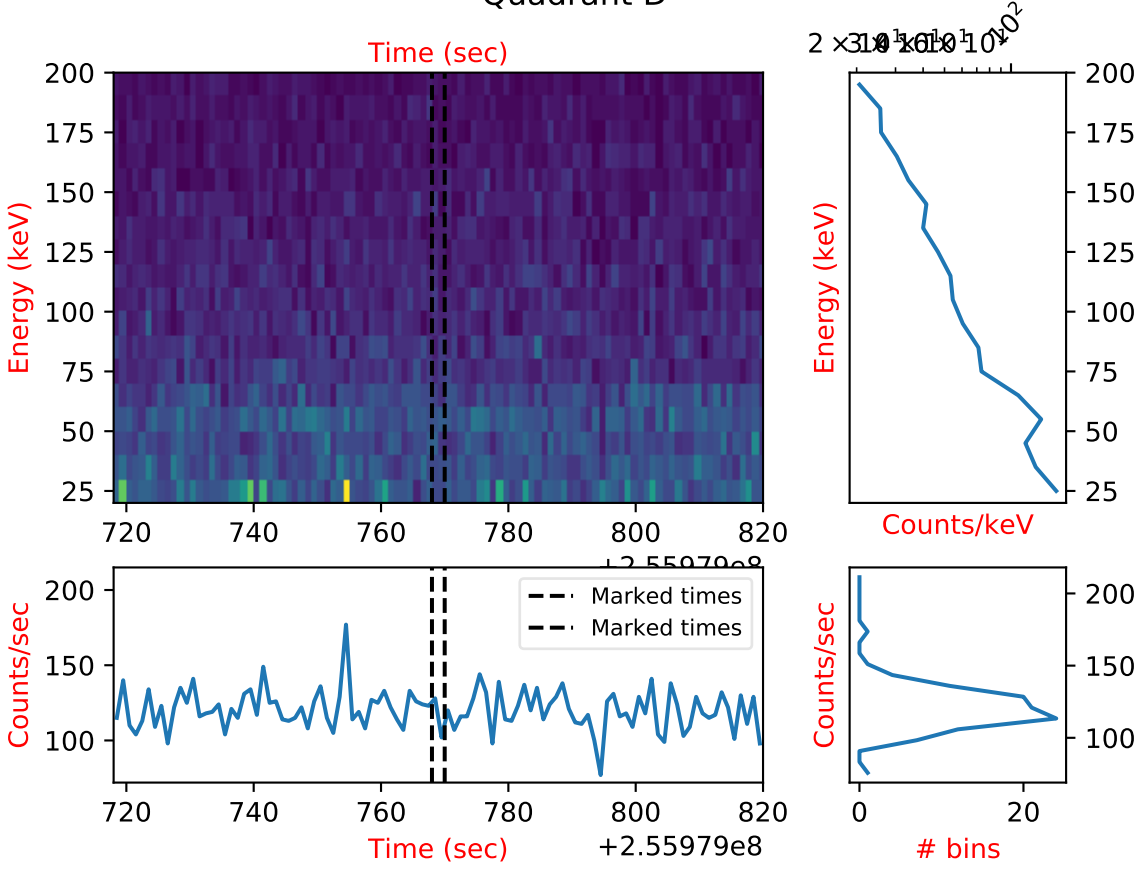

LC: Quad B
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Time (sec)
+2.55979e8

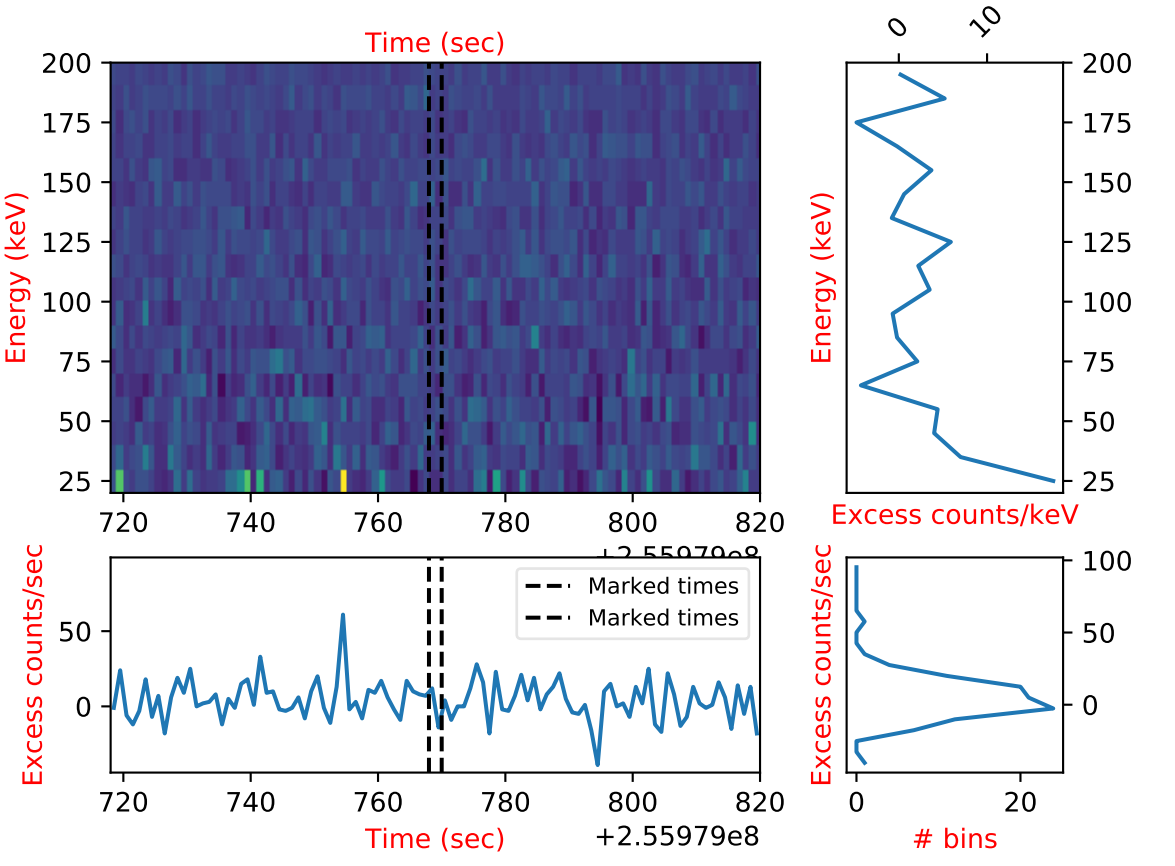

Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
bins
+2.55979e8

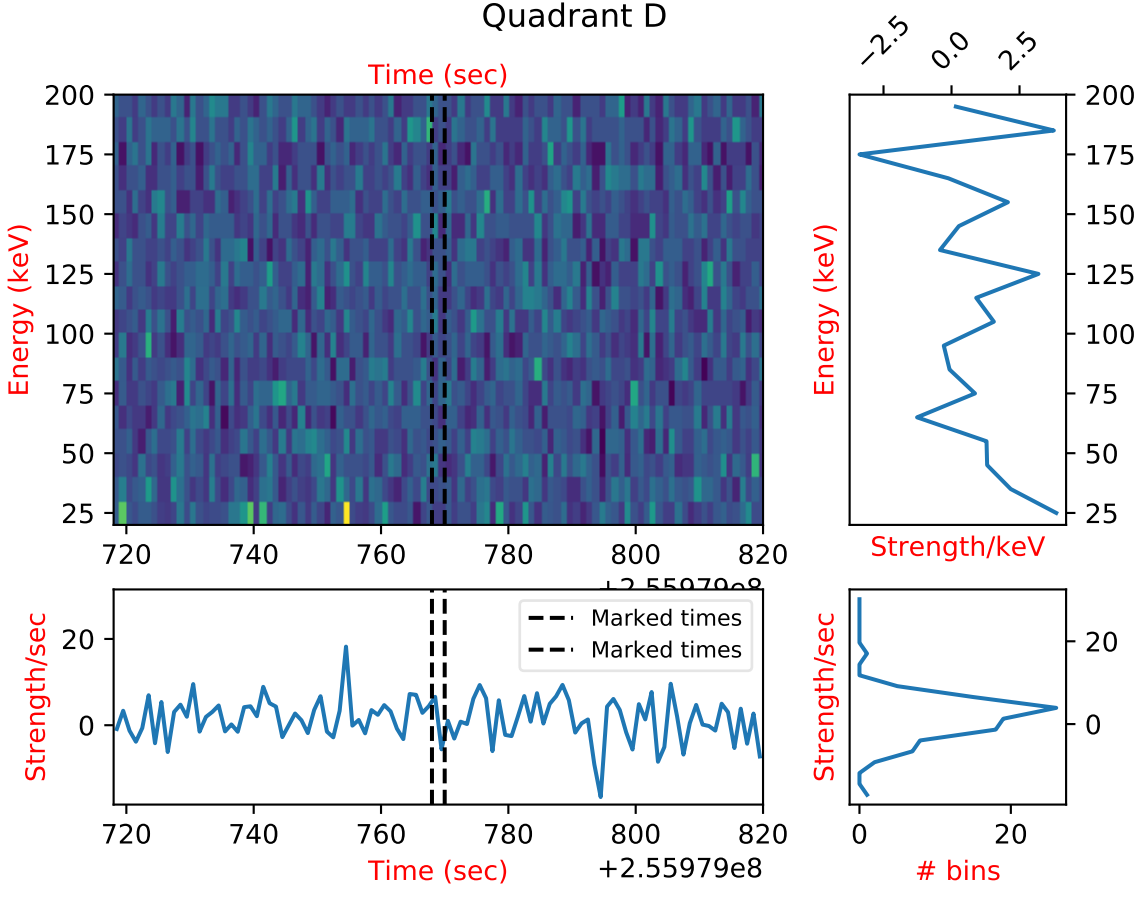

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
−5
0
5
Excess counts/keV
Excess counts/sec
50
25
0
−25
Marked times
Marked times
+2.55979e8
bins
10
20

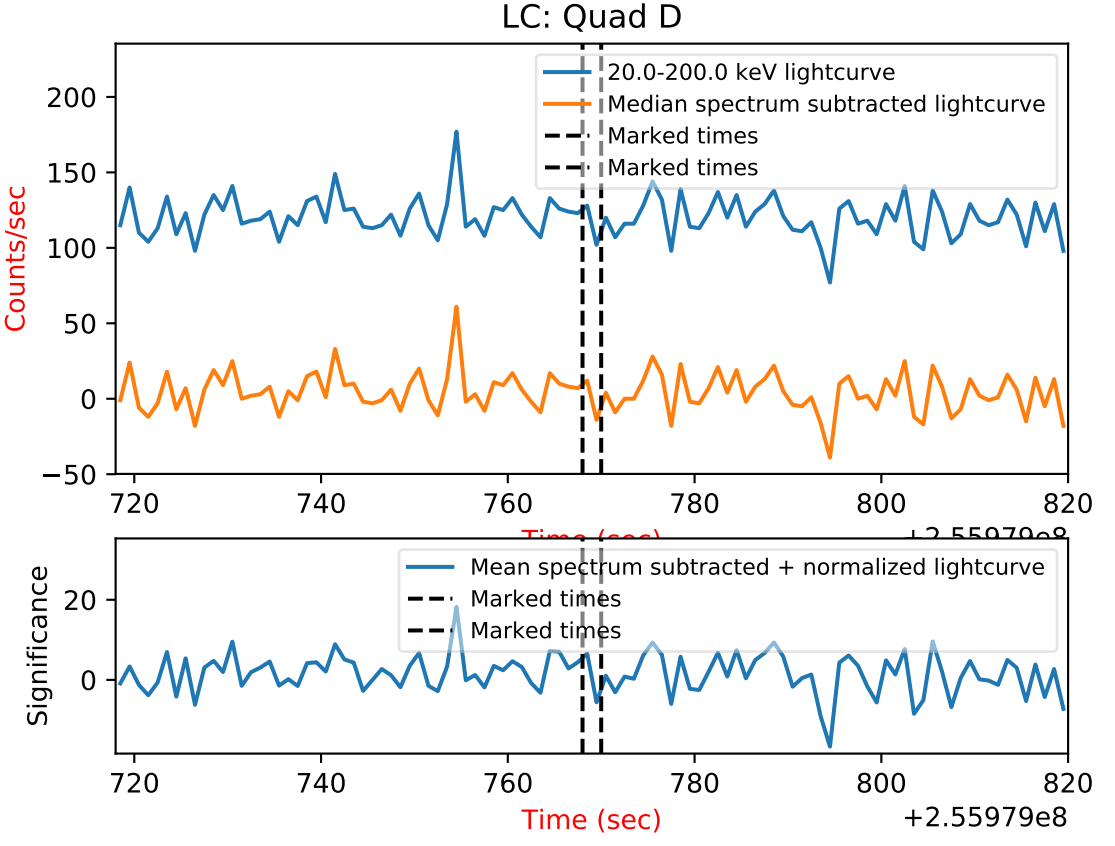

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
−2.5
0.0
2.5
Strength/keV
Strength/sec
10
0
−10
Marked times
Marked times
+2.55979e8
bins

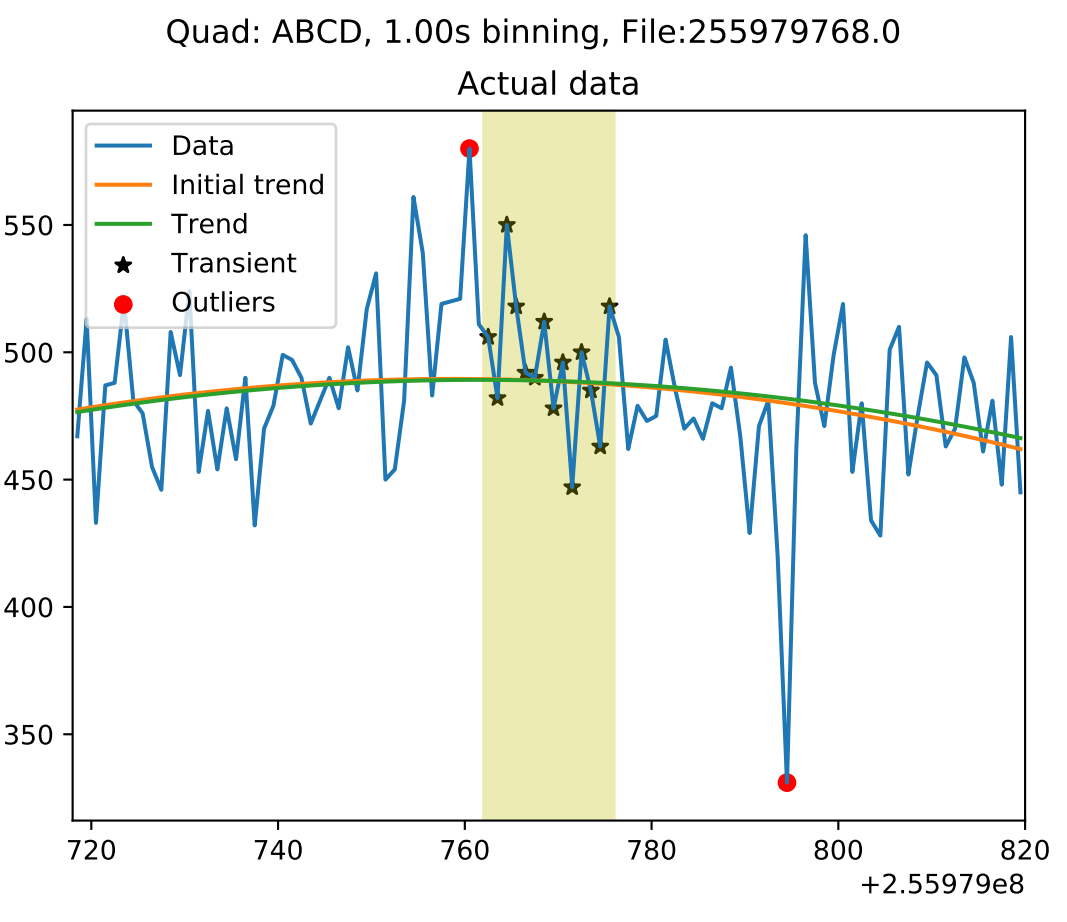

LC: Quad C
Counts/sec
200
150
100
50
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
720
740
760
780
800
820
Significance
20
10
0
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Time (sec)
+2.55979e8

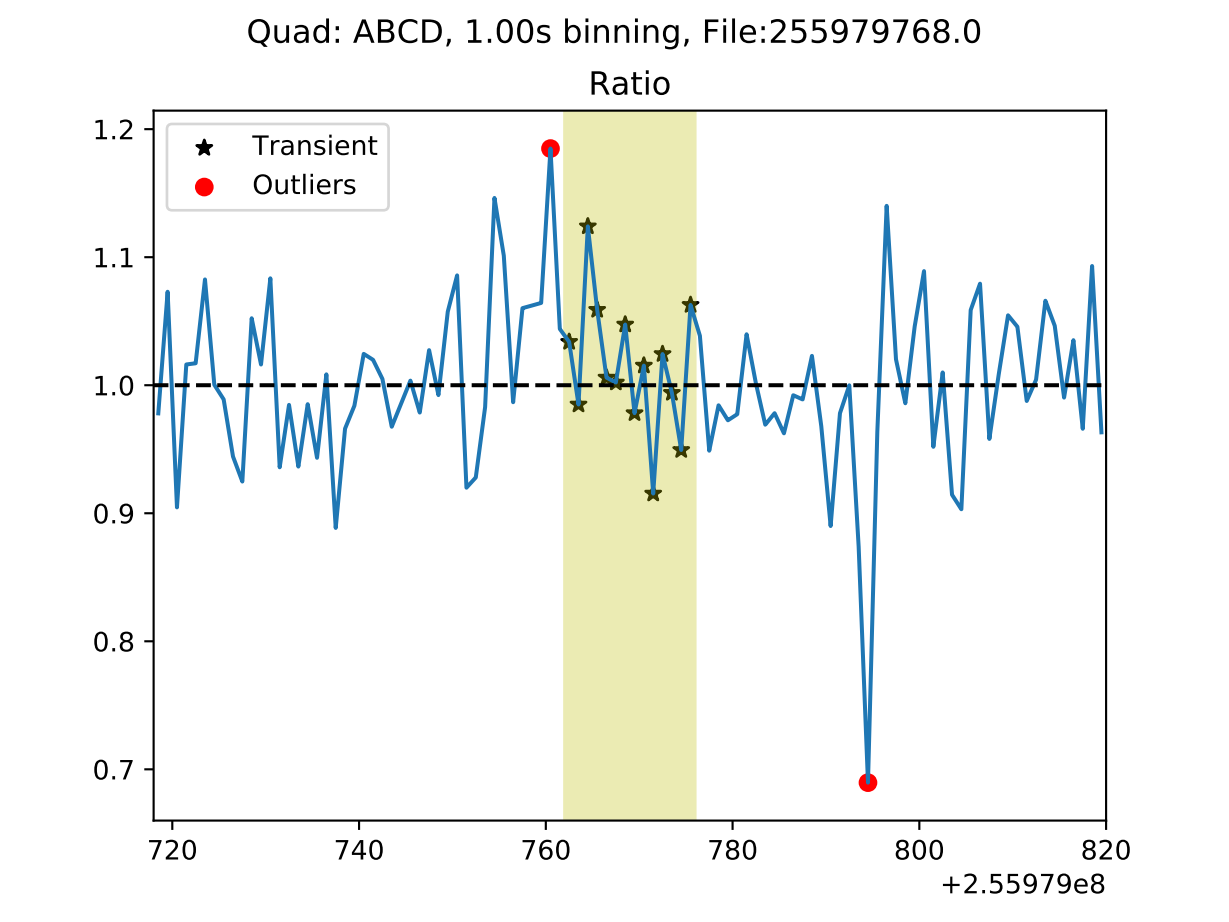

Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.55979e8

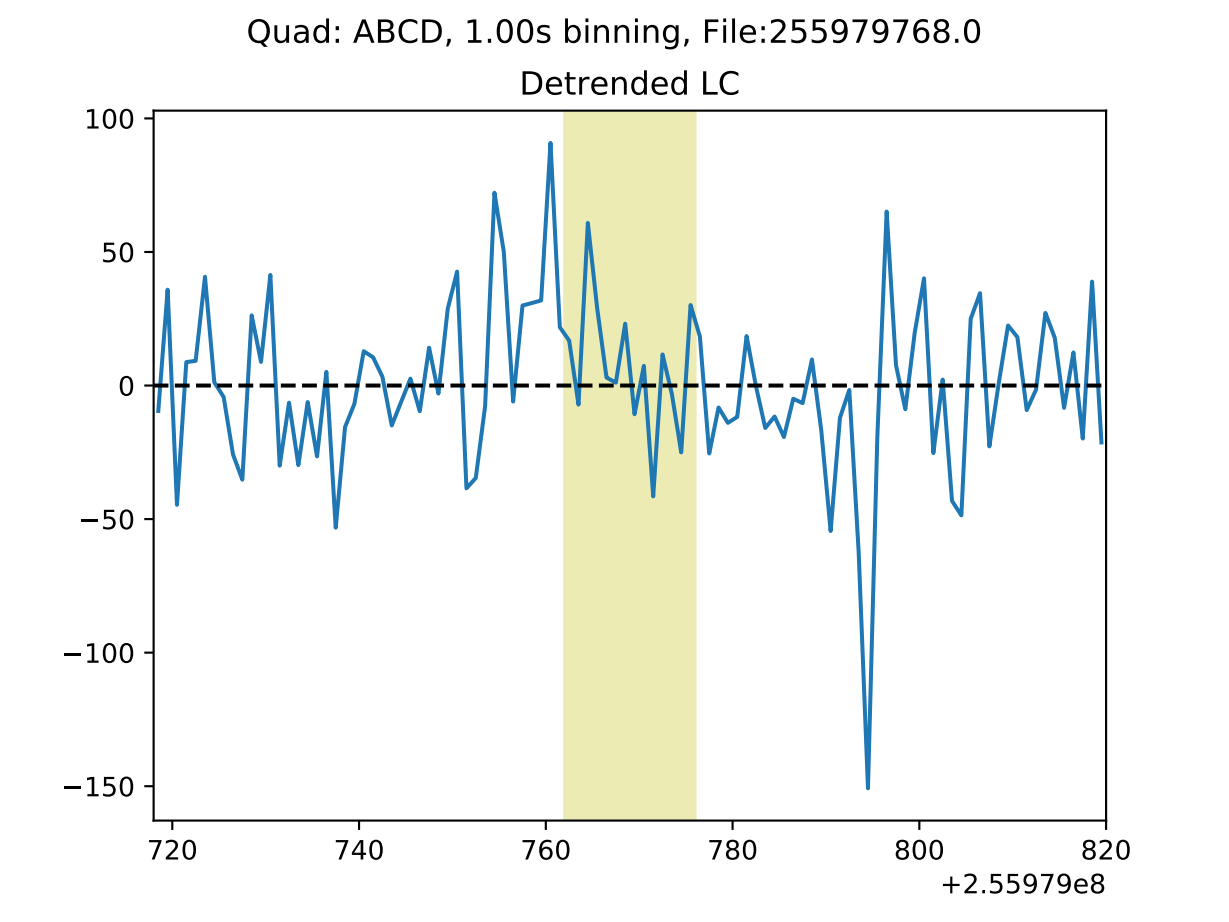

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
50
0
+2.55979e8
bins
20

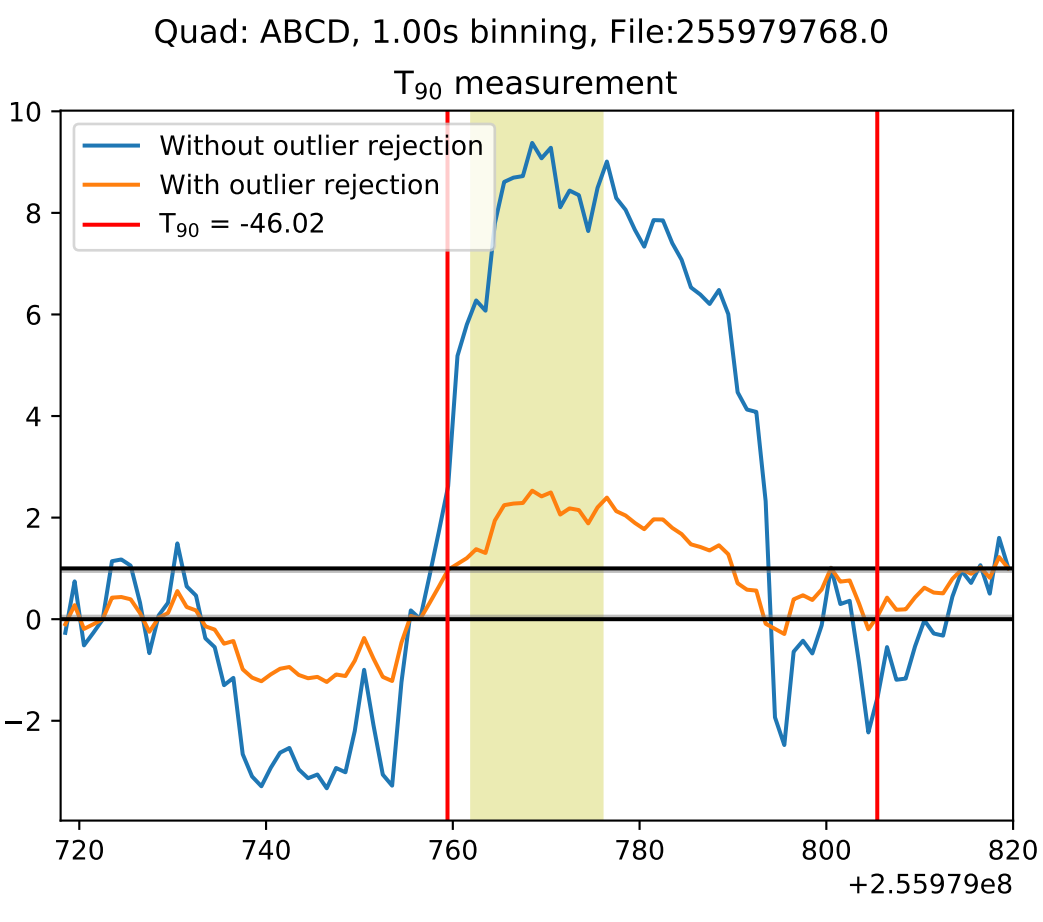

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
720
740
760
780
800
820
−2.5
0.0
2.5
Strength/keV
Strength/sec
20
0
Marked times
Marked times
+2.55979e8
bins

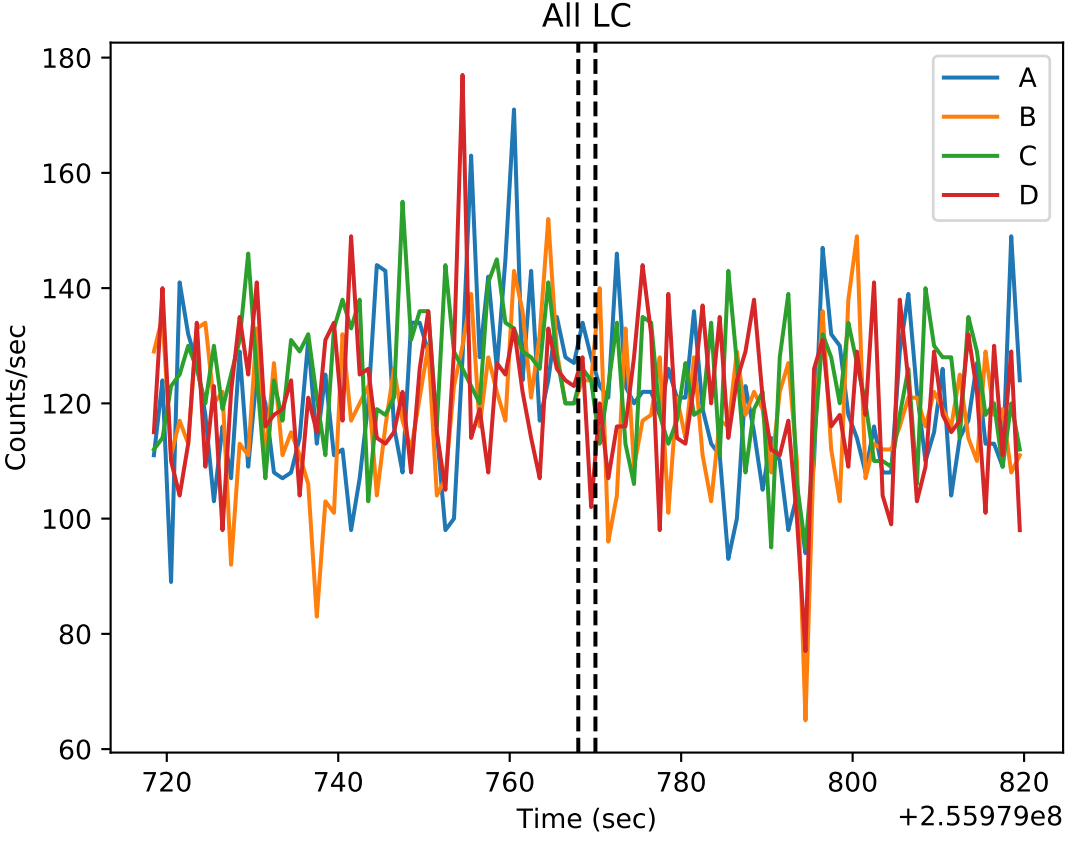

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
200
150
100
50
0
−50
720
740
760
780
800
820
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
20
0
Time (sec)
+2.55979e8


Quad: ABCD, 1.00s binning, File:255979768.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
550
500
450
400
350
720
740
760
780
800
820
+2.55979e8


Quad: ABCD, 1.00s binning, File:255979768.0
Ratio
Transient
Outliers
1.2
1.1
1.0
0.9
0.8
0.7
720
740
760
780
800
820
+2.55979e8


Quad: ABCD, 1.00s binning, File:255979768.0
Detrended LC
100
50
0
−50
−100
−150
720
740
760
780
800
820
+2.55979e8


Quad: ABCD, 1.00s binning, File:255979768.0
T90 measurement
Without outlier rejection
With outlier rejection
T90 = -46.02
10
8
6
4
2
0
−2
720
740
760
780
800
820
+2.55979e8


All LC
A
B
C
D
Counts/sec
Time (sec)
+2.55979e8
180
160
140
120
100
80
60
720
740
760
780
800
820