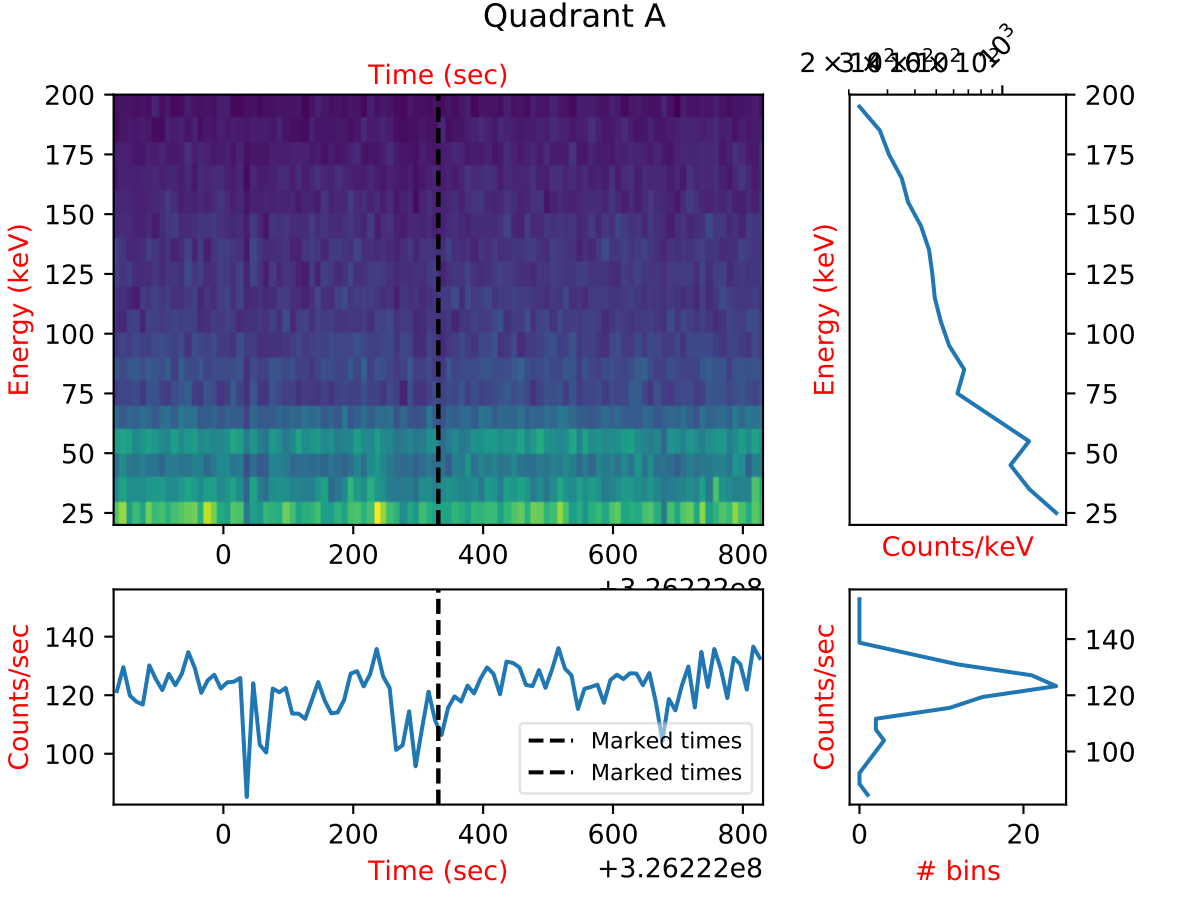
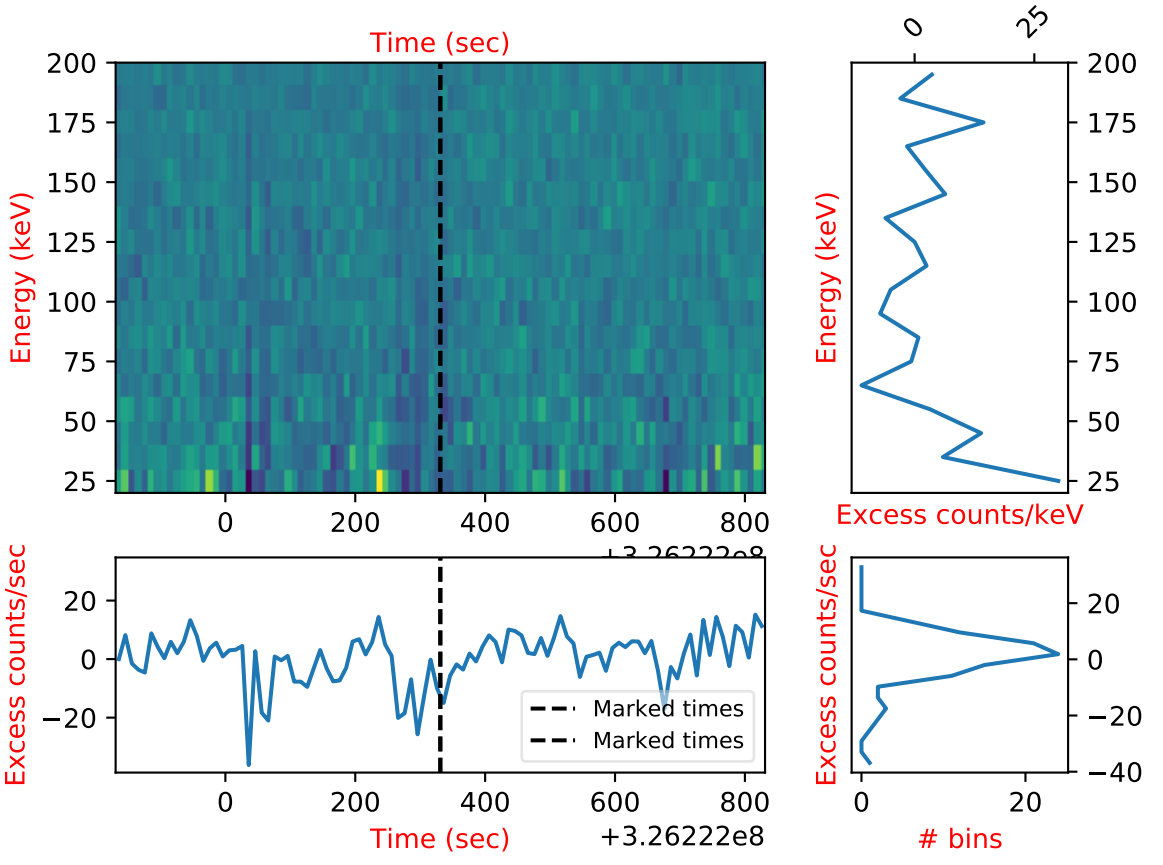
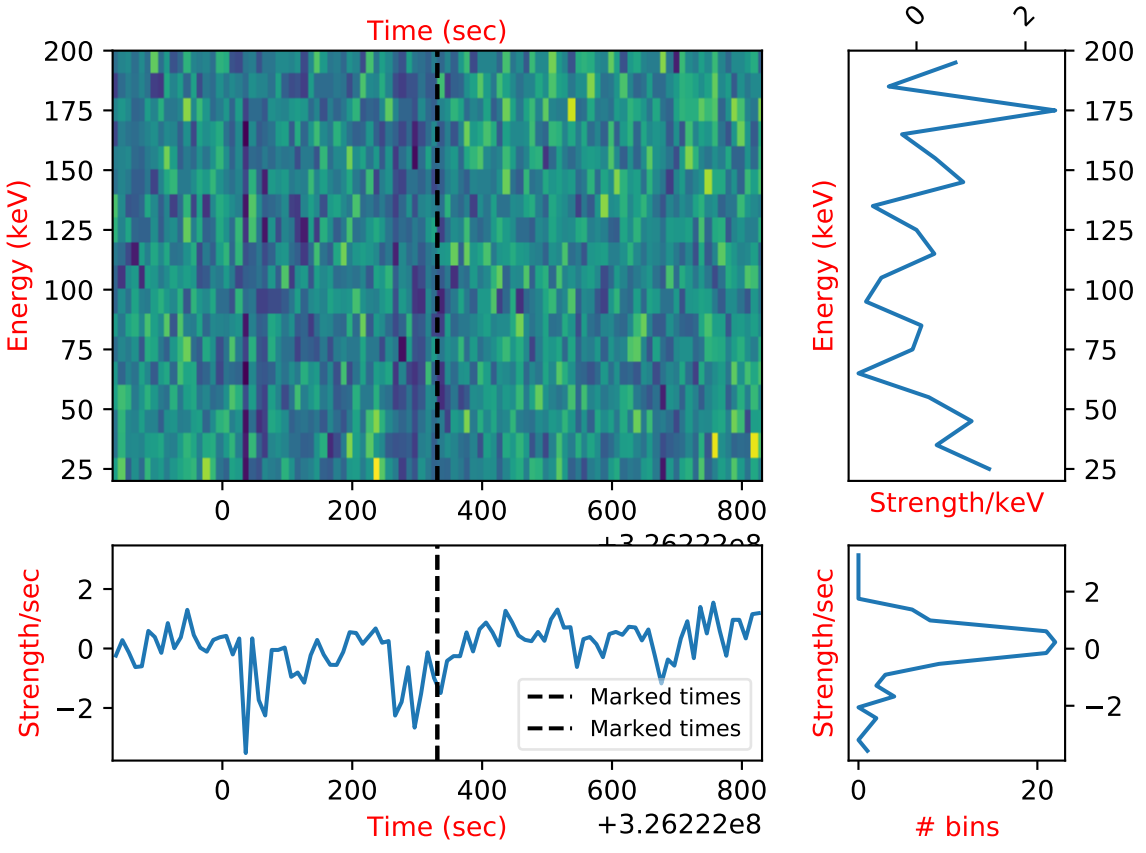
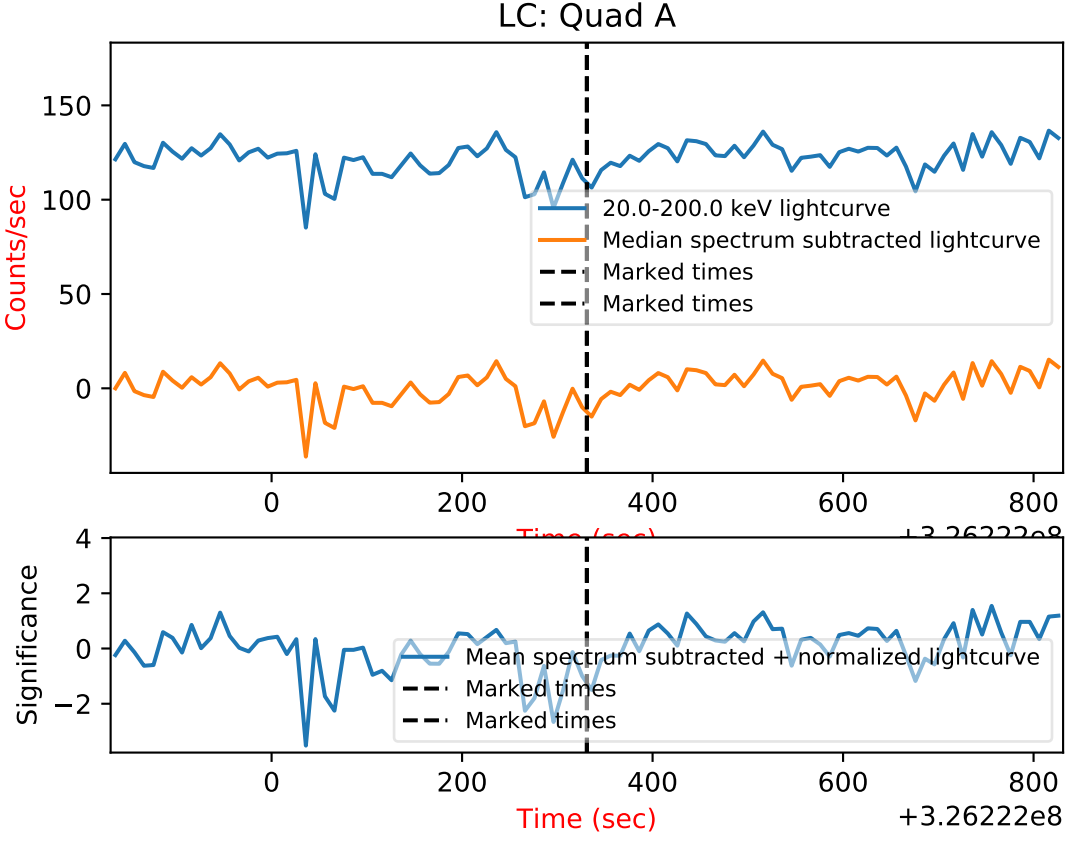
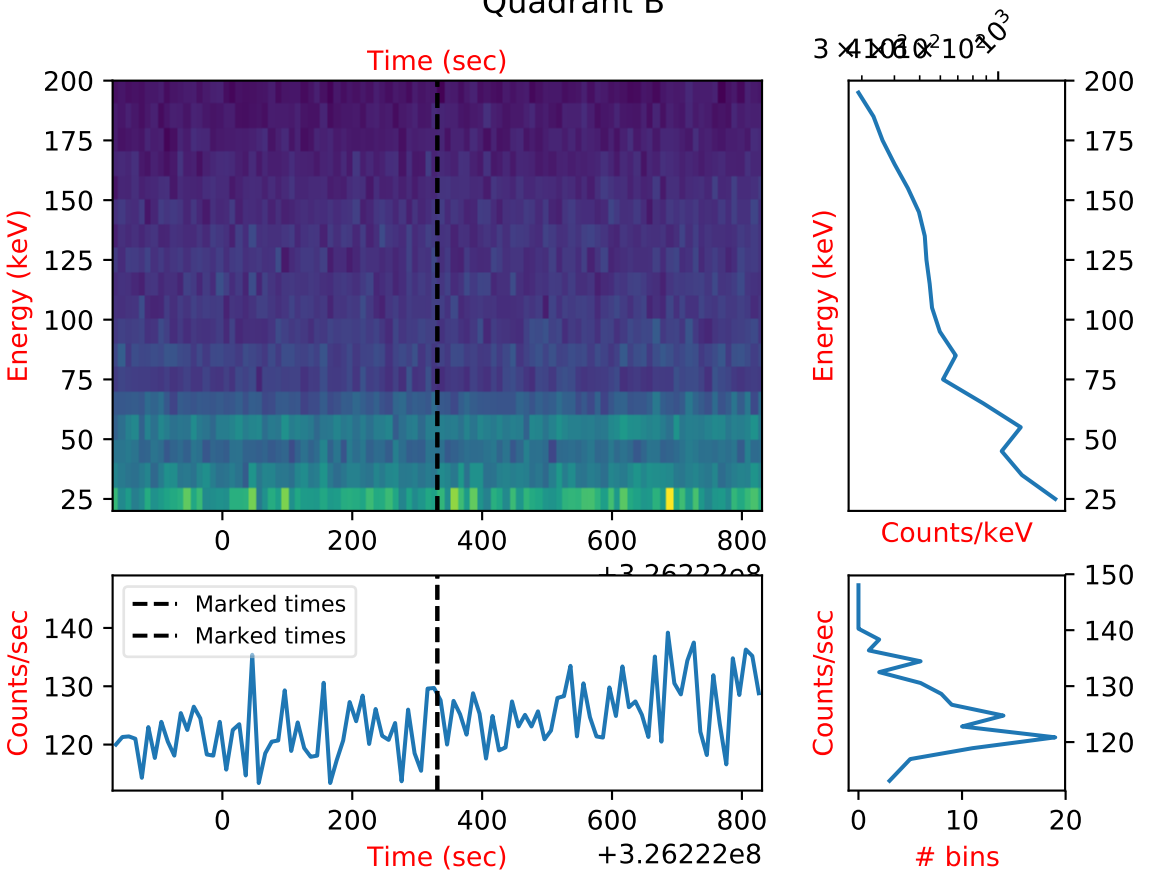
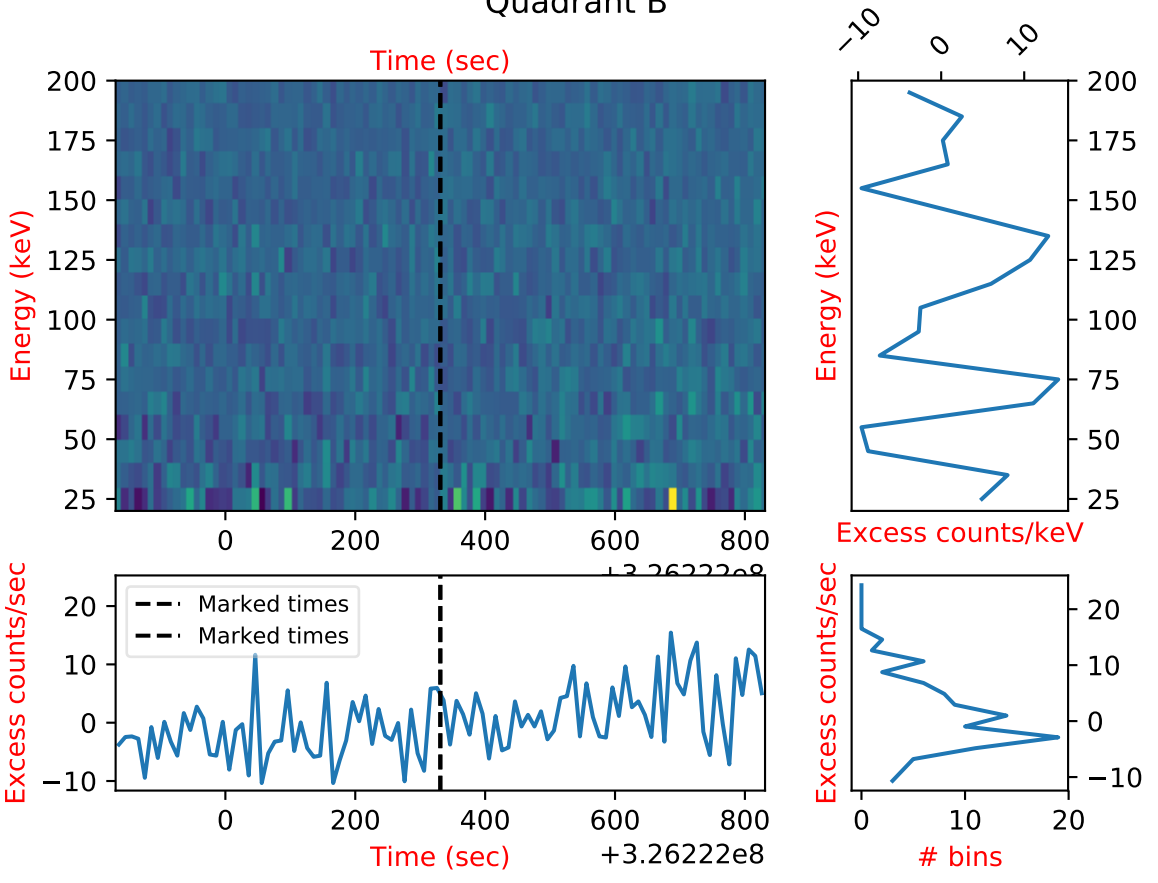

Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+3.26222e8

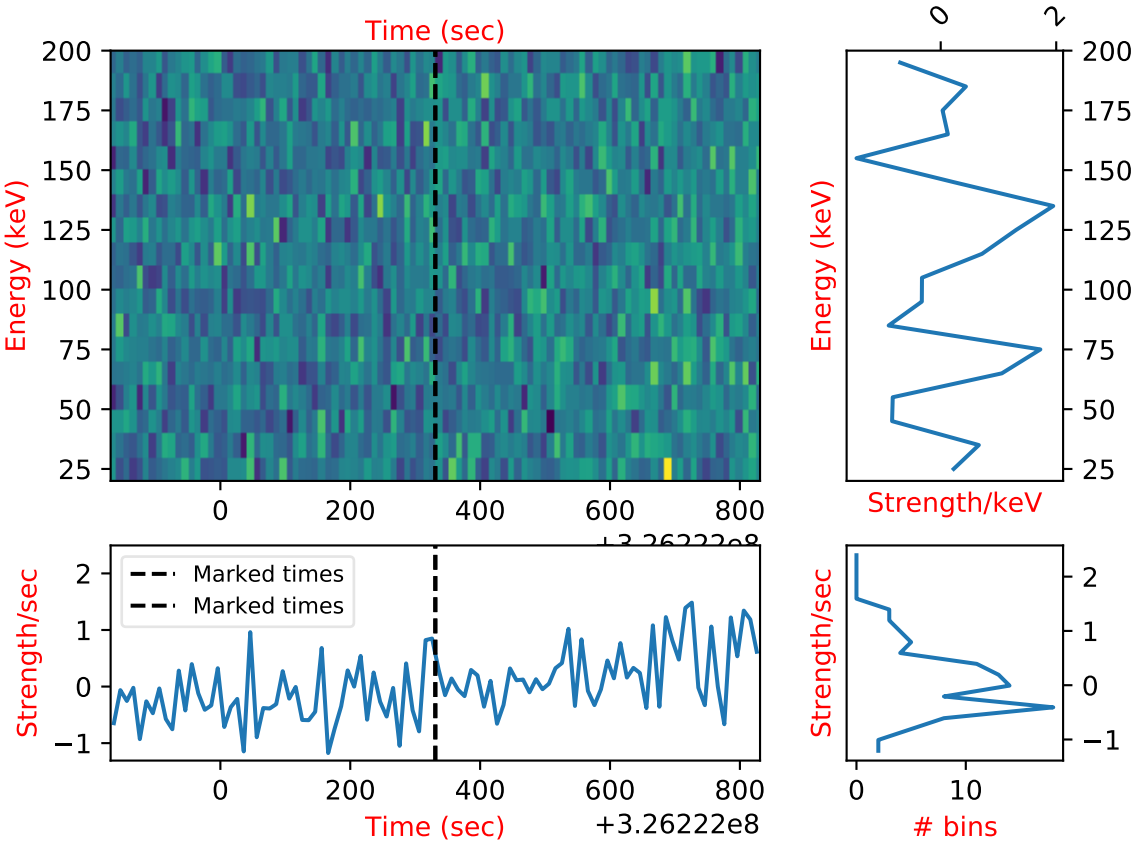

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0
25
Excess counts/keV
Excess counts/sec
20
0
−20
Marked times
Marked times
Time (sec)
+3.26222e8
−40
bins

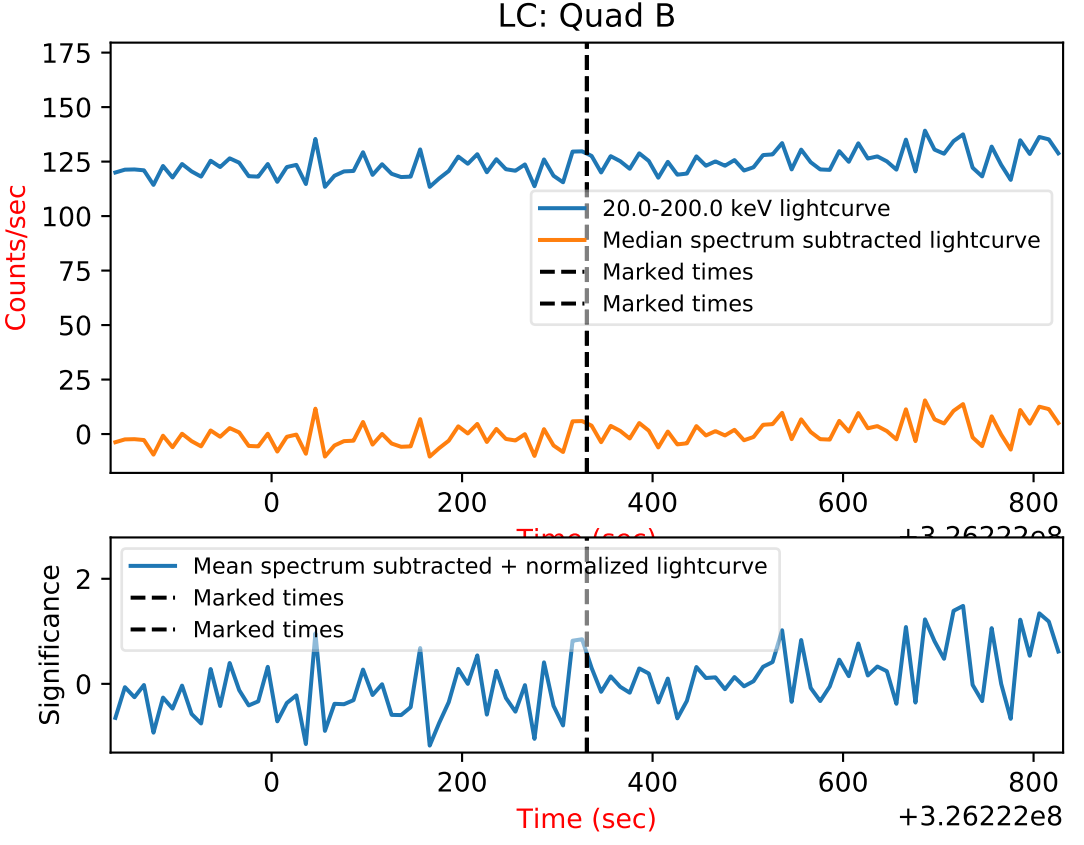

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0
2
Strength/keV
Strength/sec
2
0
−2
Marked times
Marked times
Time (sec)
+3.26222e8
bins
20

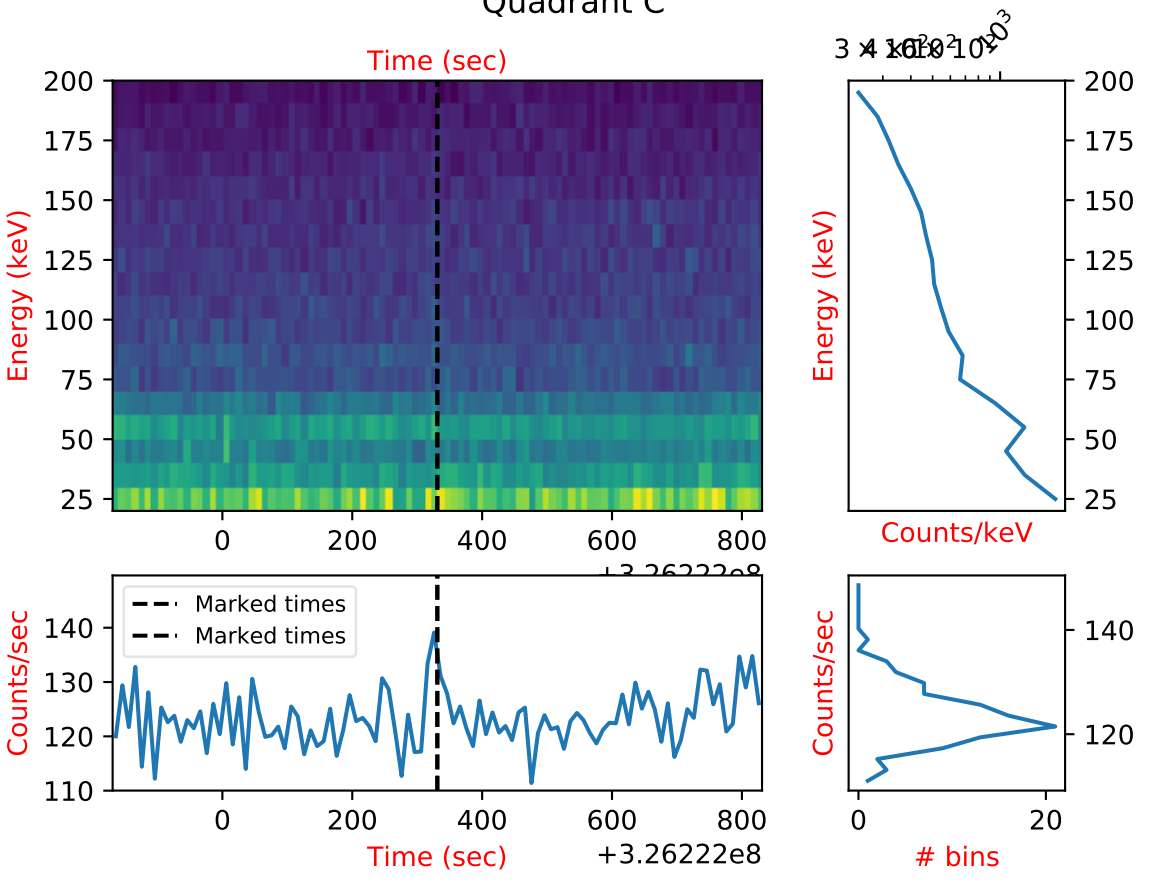

LC: Quad A
Counts/sec
150
100
50
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
0
200
400
600
800
Significance
4
2
0
−2
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Time (sec)
+3.26222e8

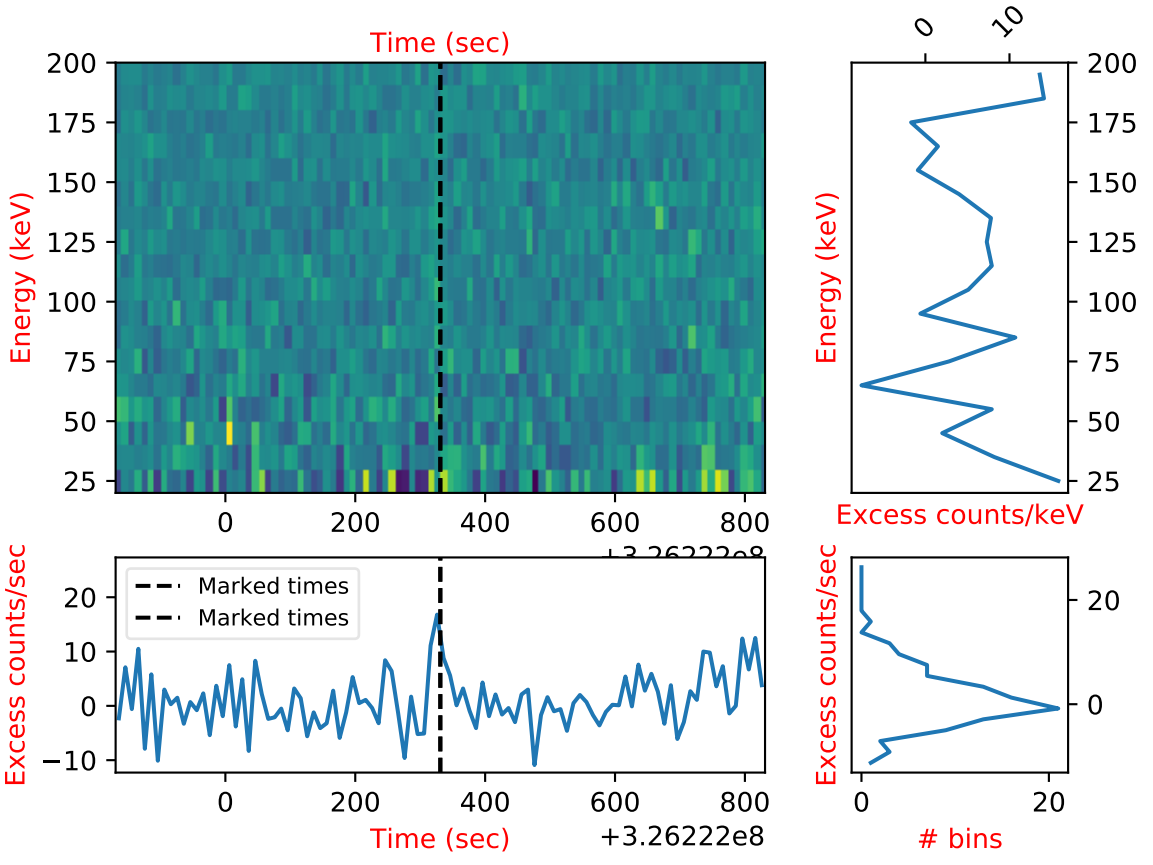

Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
bins
+3.26222e8

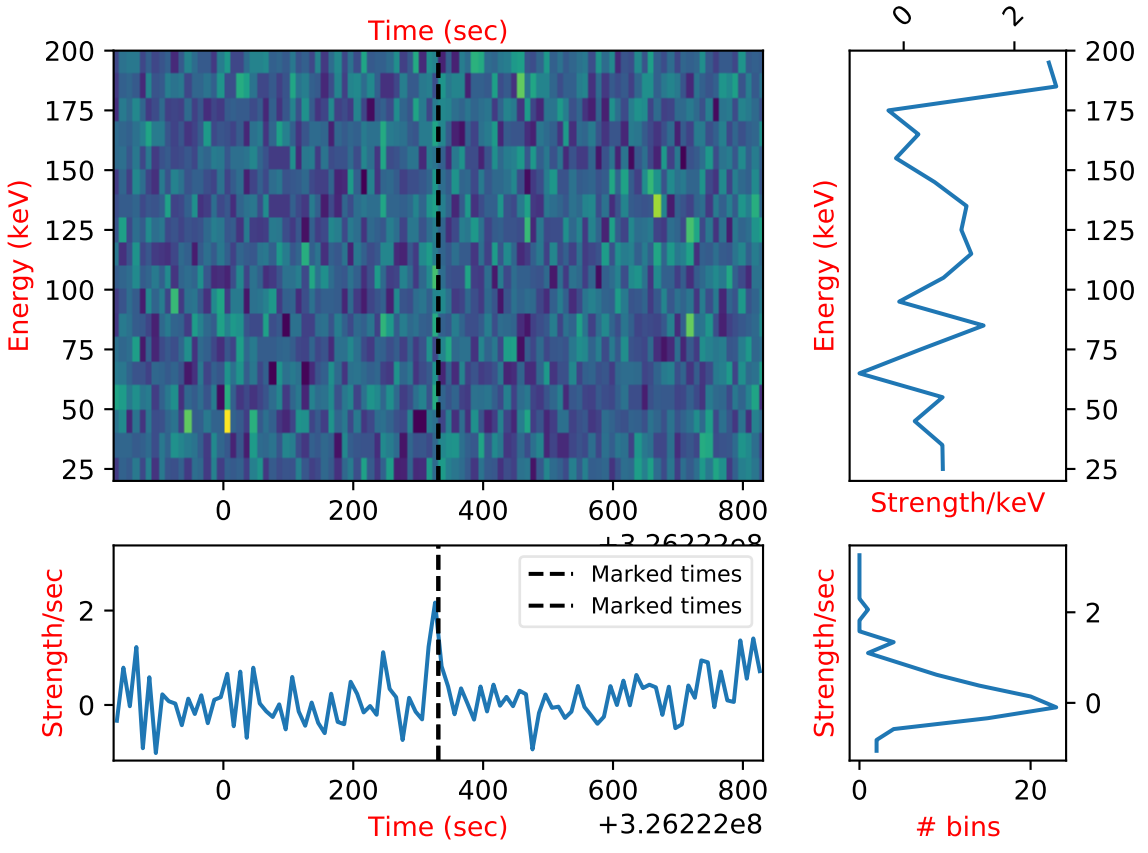

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
−10
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
20
10
0
−10
+3.26222e8
bins

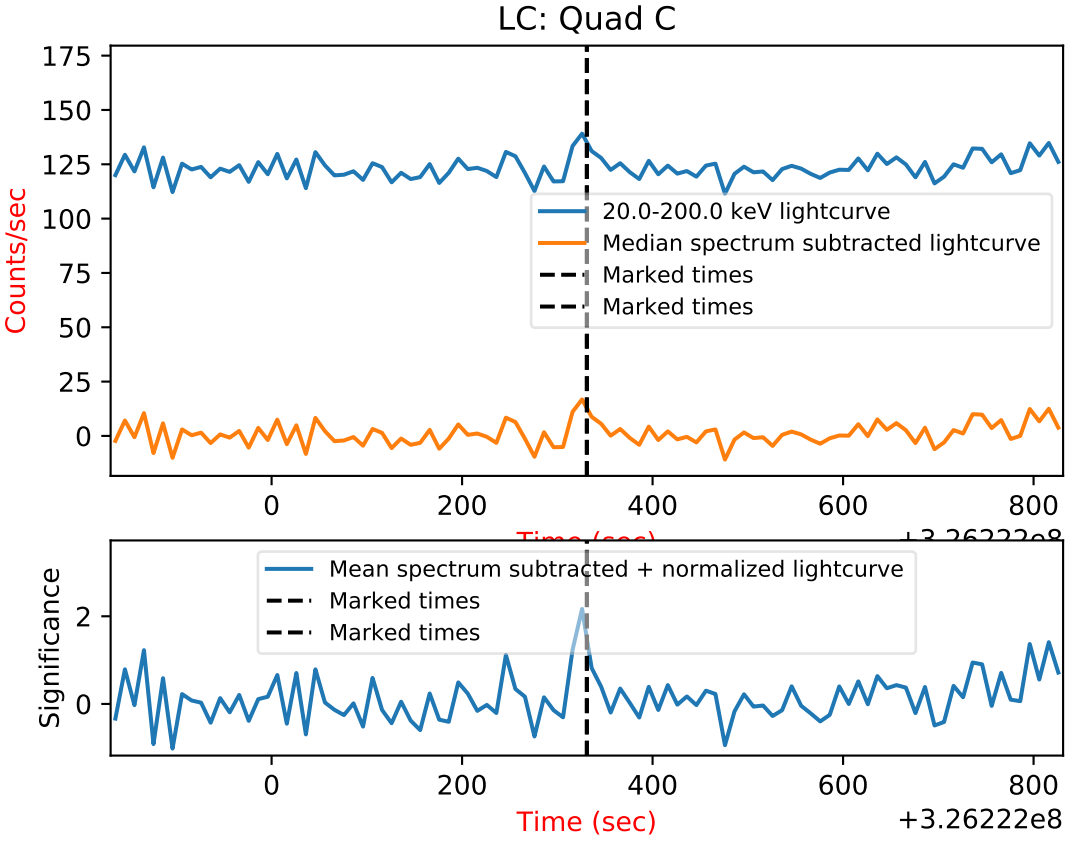

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0
2
Strength/keV
Strength/sec
2
1
0
−1
Marked times
Marked times
Time (sec)
+3.26222e8
bins
10

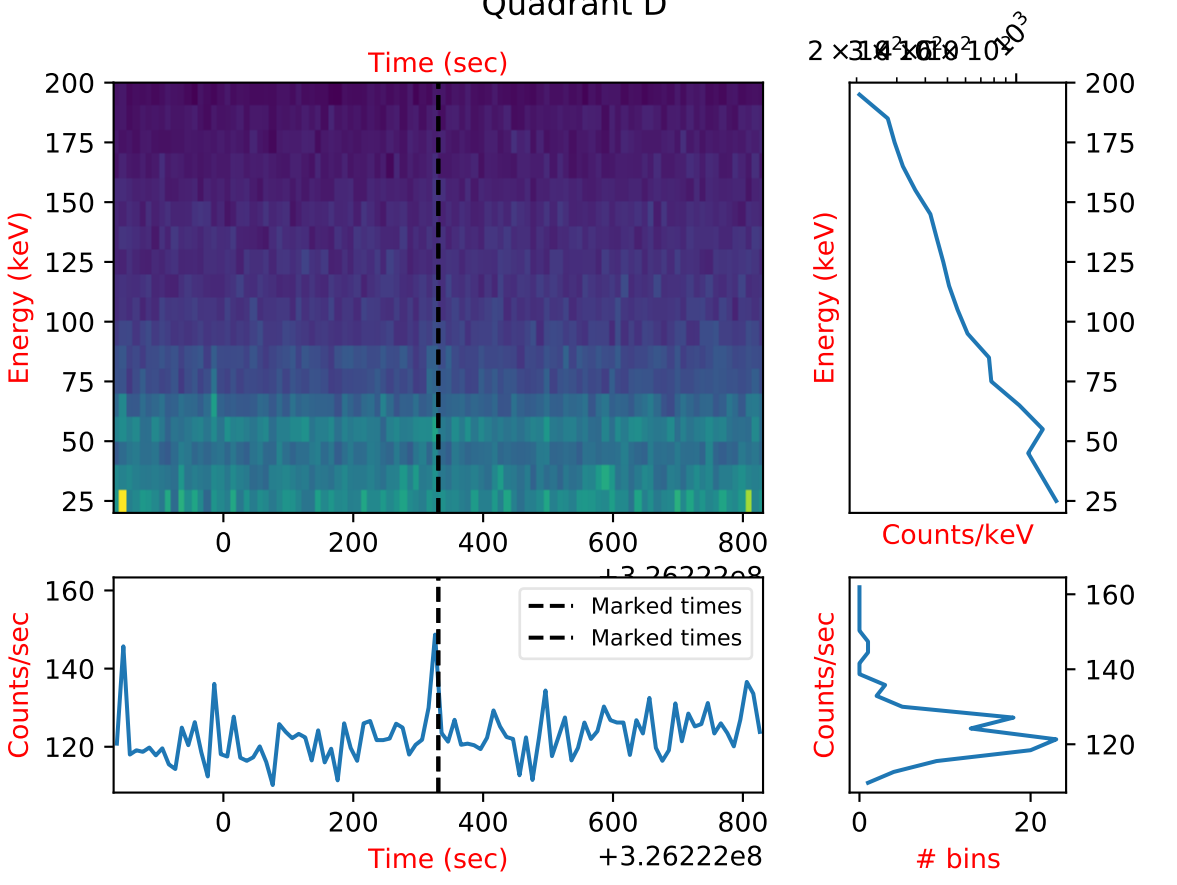

LC: Quad B
Counts/sec
175
150
125
100
75
50
25
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
0
200
400
600
800
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
2
0
Time (sec)
+3.26222e8


Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
3 × 10^-3
Counts/keV
Marked times
Marked times
Counts/sec
140
130
120
110
+3.26222e8
bins
20

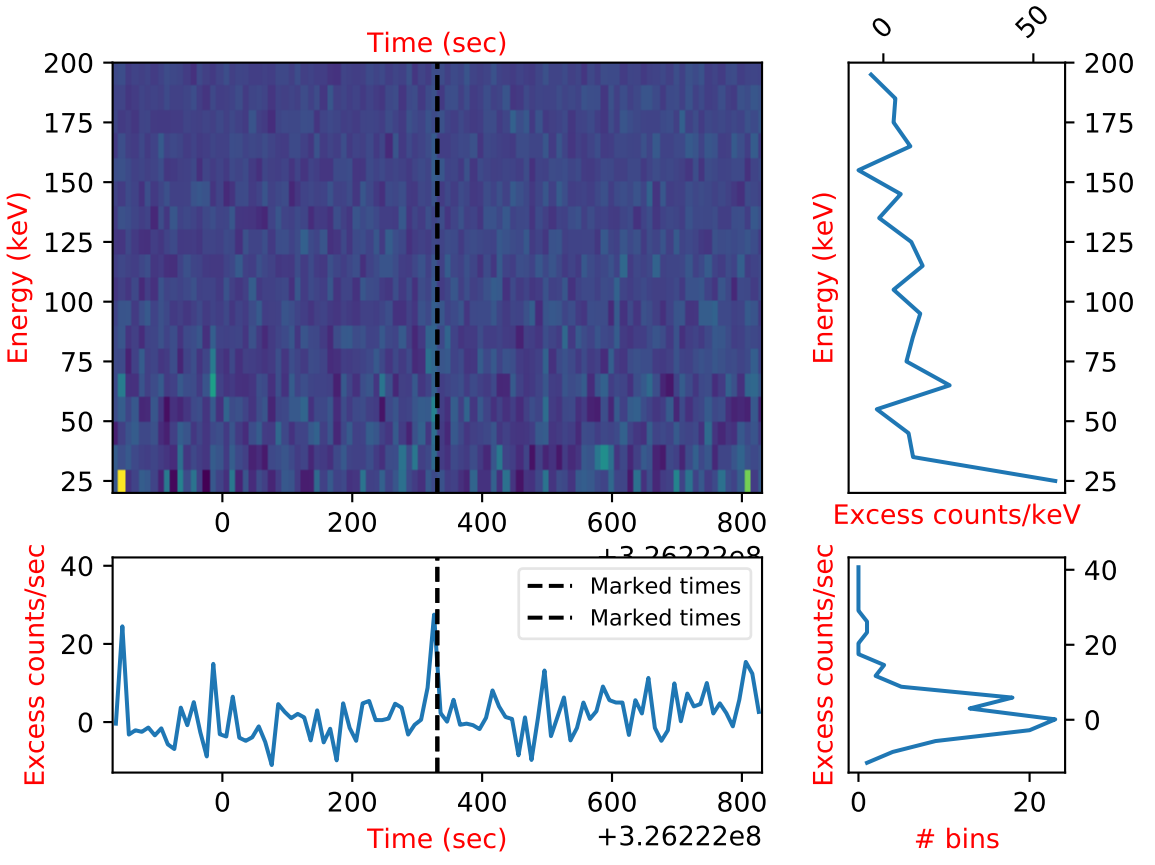

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
20
10
0
−10
Time (sec)
+3.26222e8
bins

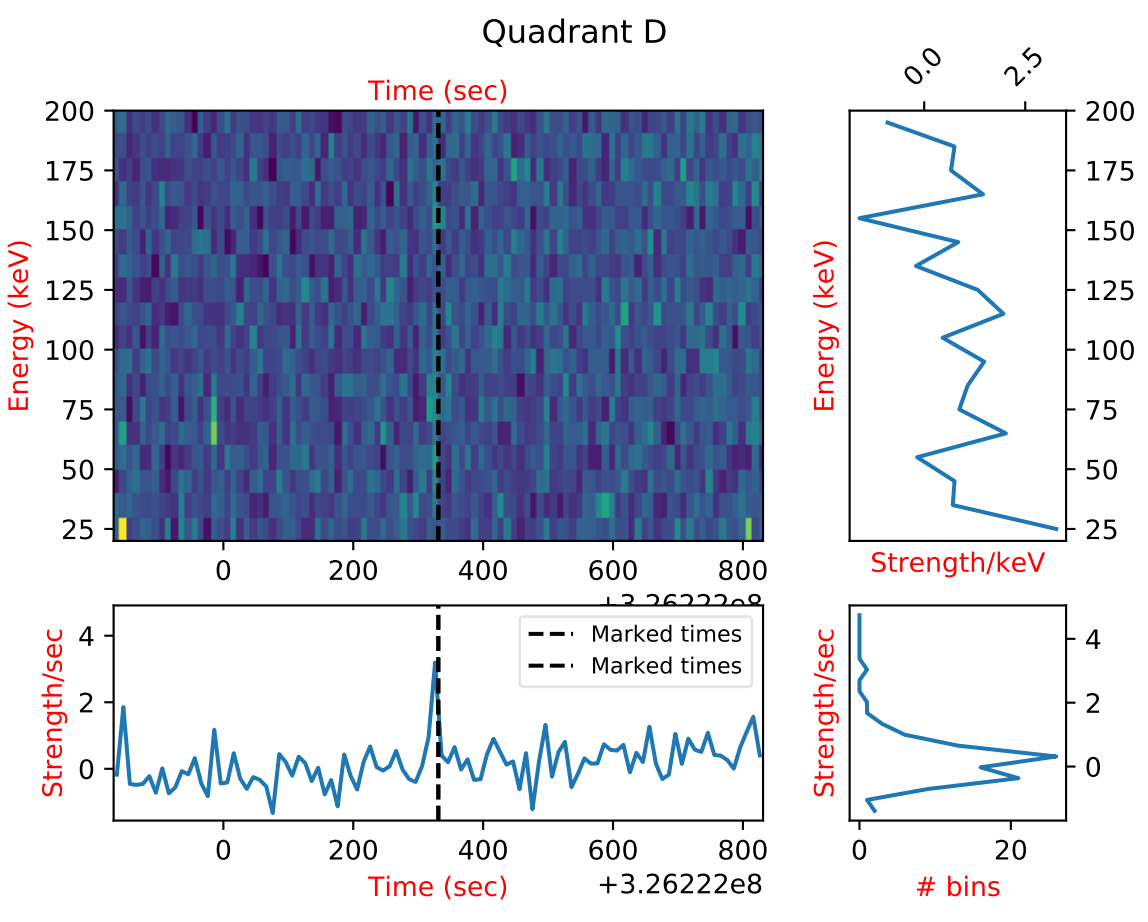

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0
2
Strength/keV
Strength/sec
Marked times
Marked times
2
0
Time (sec)
+3.26222e8
20
bins

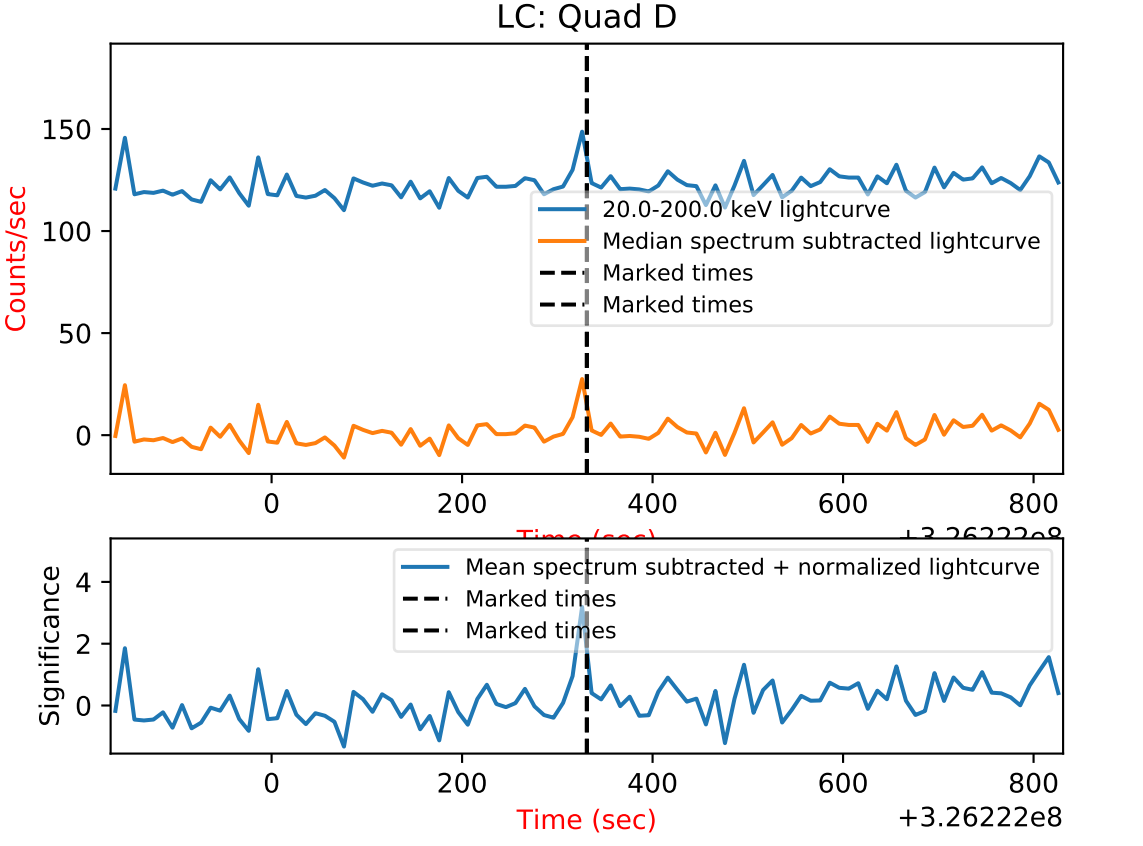

LC: Quad C
Counts/sec
175
150
125
100
75
50
25
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
0
200
400
600
800
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
2
0
Time (sec)
+3.26222e8

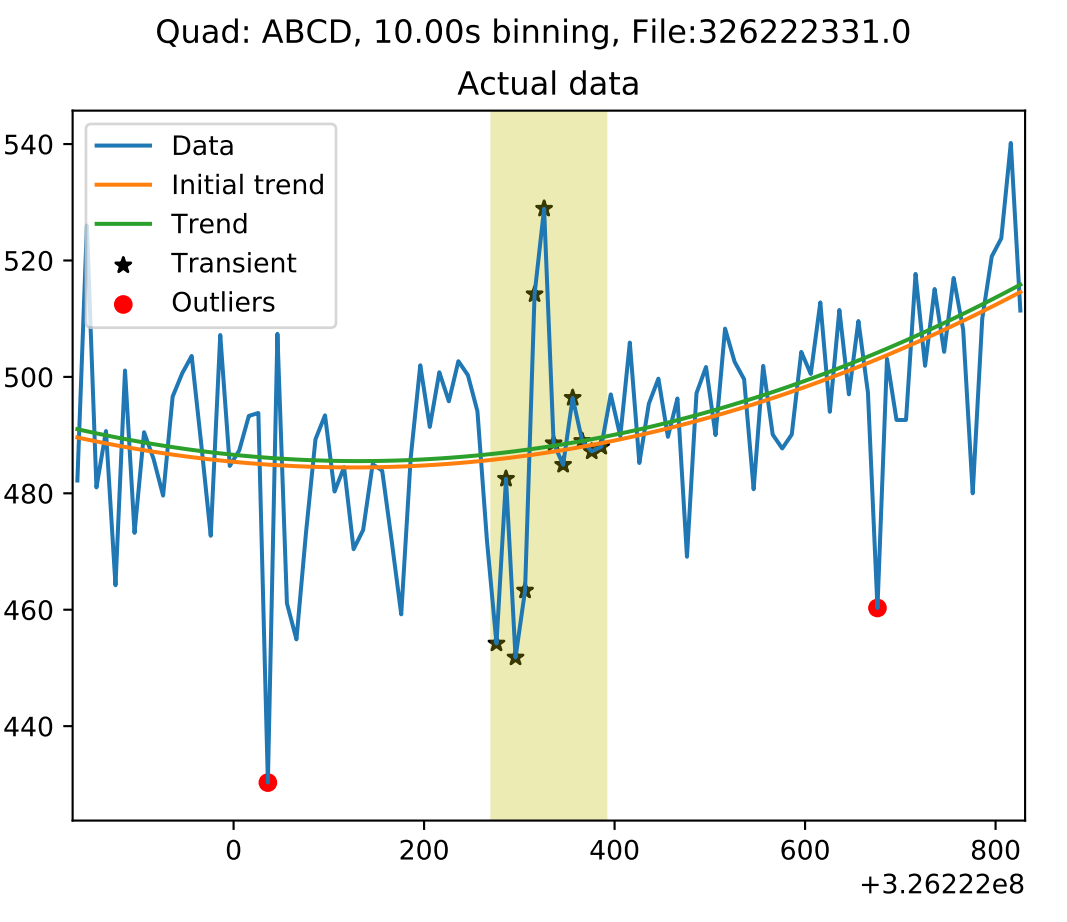


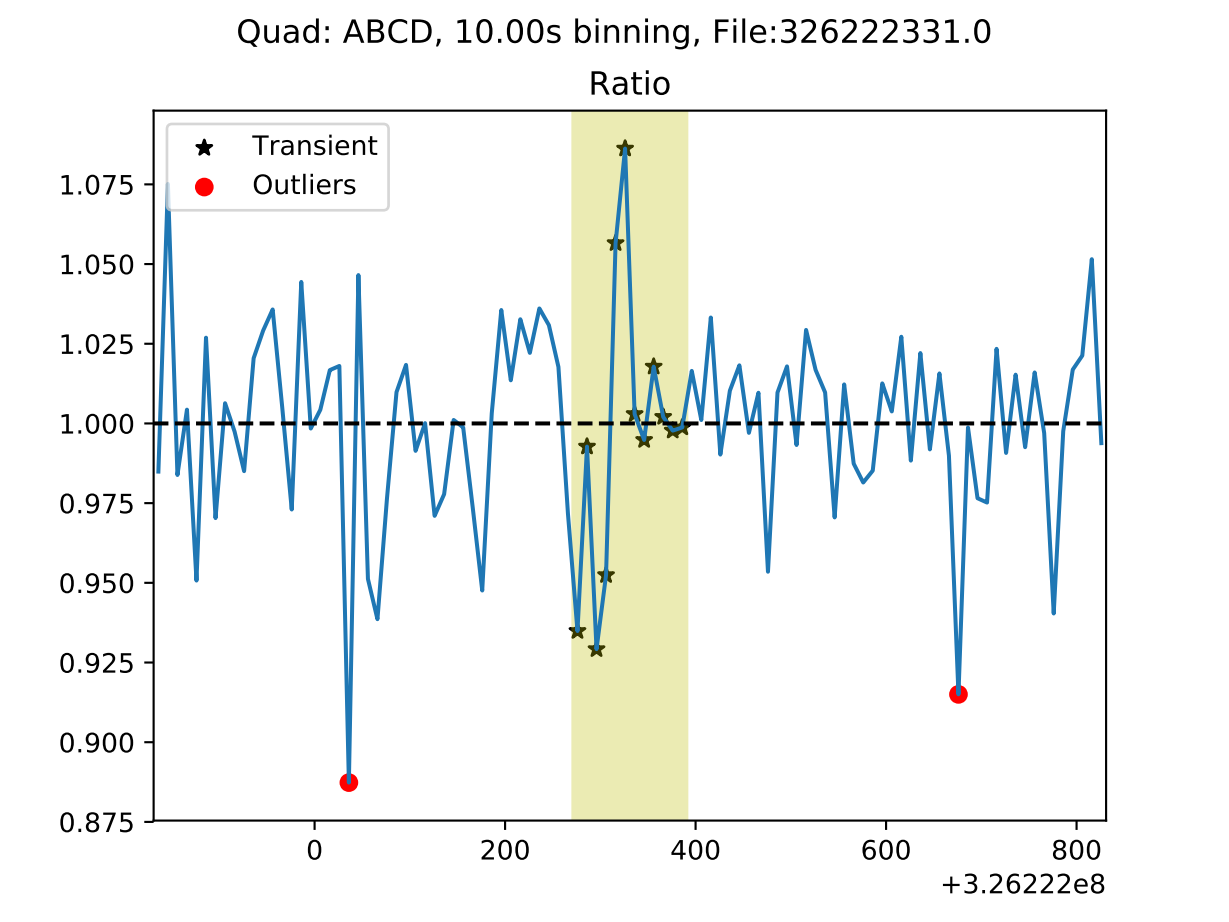
Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
Time (sec)
+3.26222e8
bins

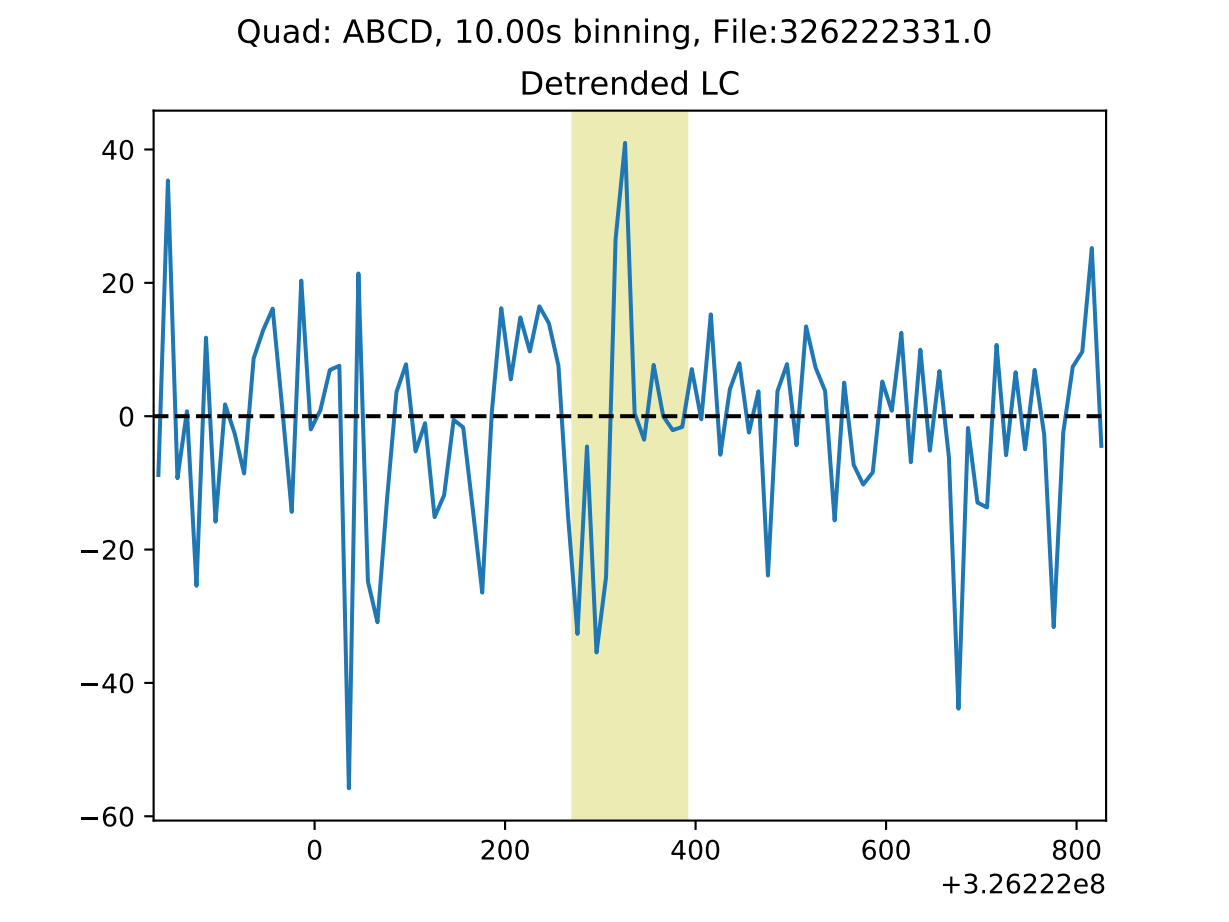

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0
50
Excess counts/keV
Excess counts/sec
40
20
0
Marked times
Marked times
Time (sec)
+3.26222e8
bins

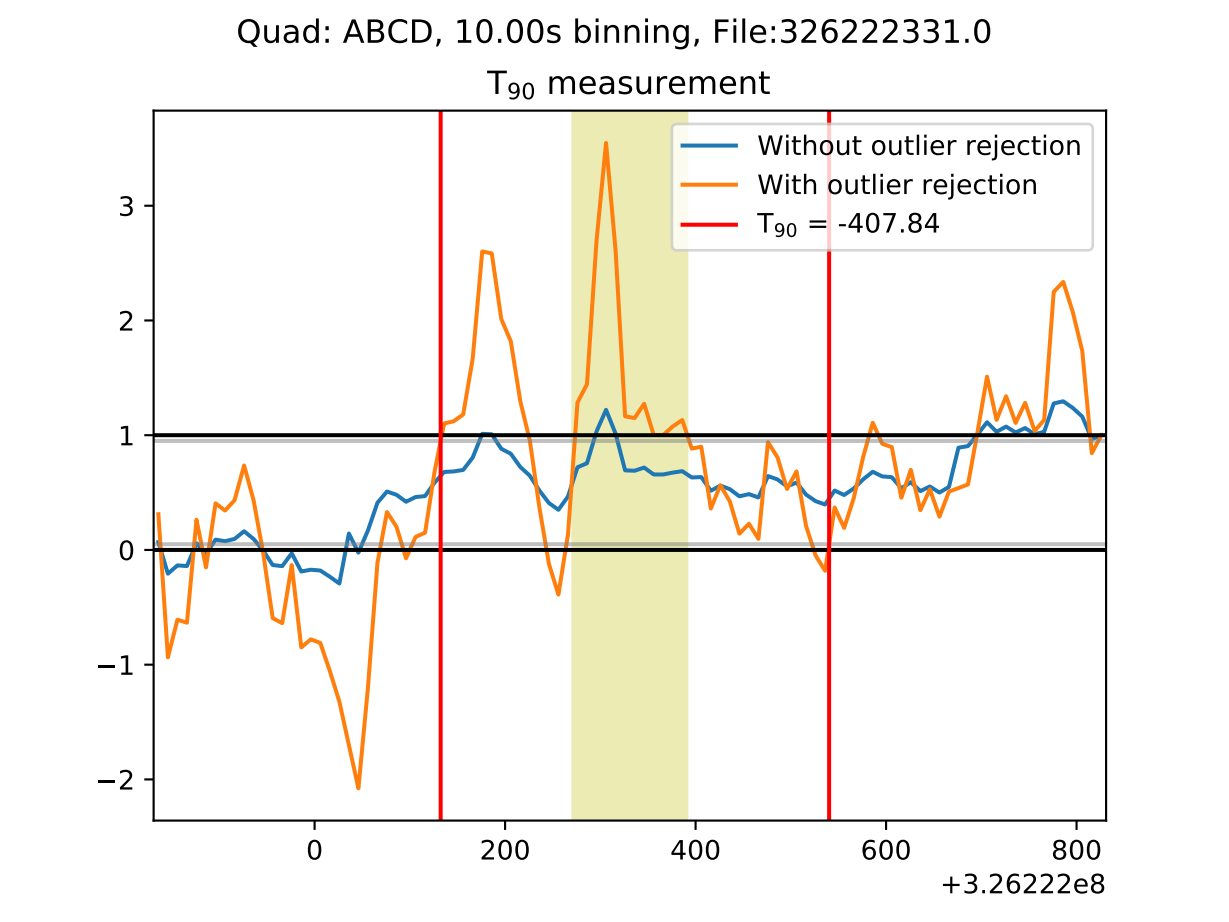

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
0
200
400
600
800
+3.26222e8
0.0
2.5
Strength/keV
Strength/sec
4
2
0
Marked times
Marked times
Time (sec)
+3.26222e8
bins
20

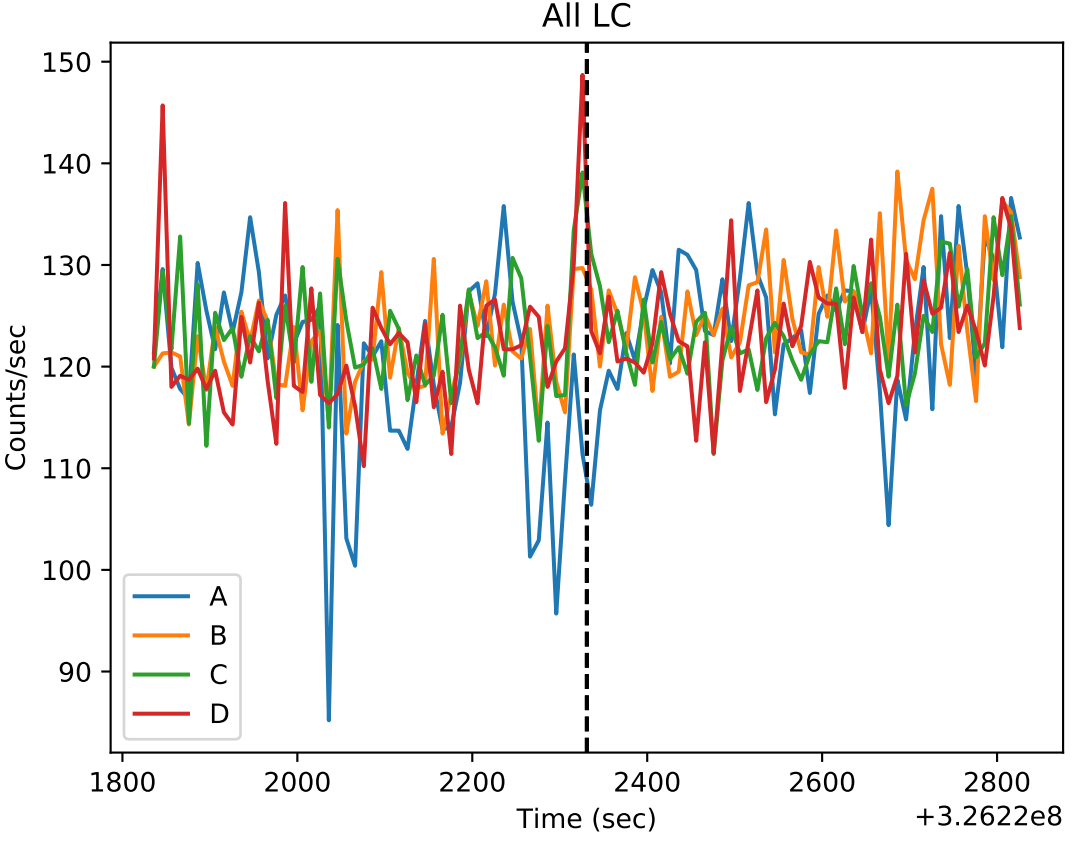

LC: Quad D
Counts/sec
150
100
50
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
0
200
400
600
800
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
4
2
0
Time (sec)
+3.26222e8


Quad: ABCD, 10.00s binning, File:326222331.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
540
520
500
480
460
440
0
200
400
600
800
+3.26222e8


Quad: ABCD, 10.00s binning, File:326222331.0
Ratio
Transient
Outliers
1.075
1.050
1.025
1.000
0.975
0.950
0.925
0.900
0.875
0
200
400
600
800
+3.26222e8


Quad: ABCD, 10.00s binning, File:326222331.0
Detrended LC
40
20
0
−20
−40
−60
0
200
400
600
800
+3.26222e8


Quad: ABCD, 10.00s binning, File:326222331.0
T90 measurement
Without outlier rejection
With outlier rejection
T90 = -407.84
3
2
1
0
−1
−2
0
200
400
600
800
+3.26222e8


All LC
Counts/sec
150
140
130
120
110
100
90
1800
2000
2200
2400
2600
2800
Time (sec)
+3.2622e8
A
B
C
D