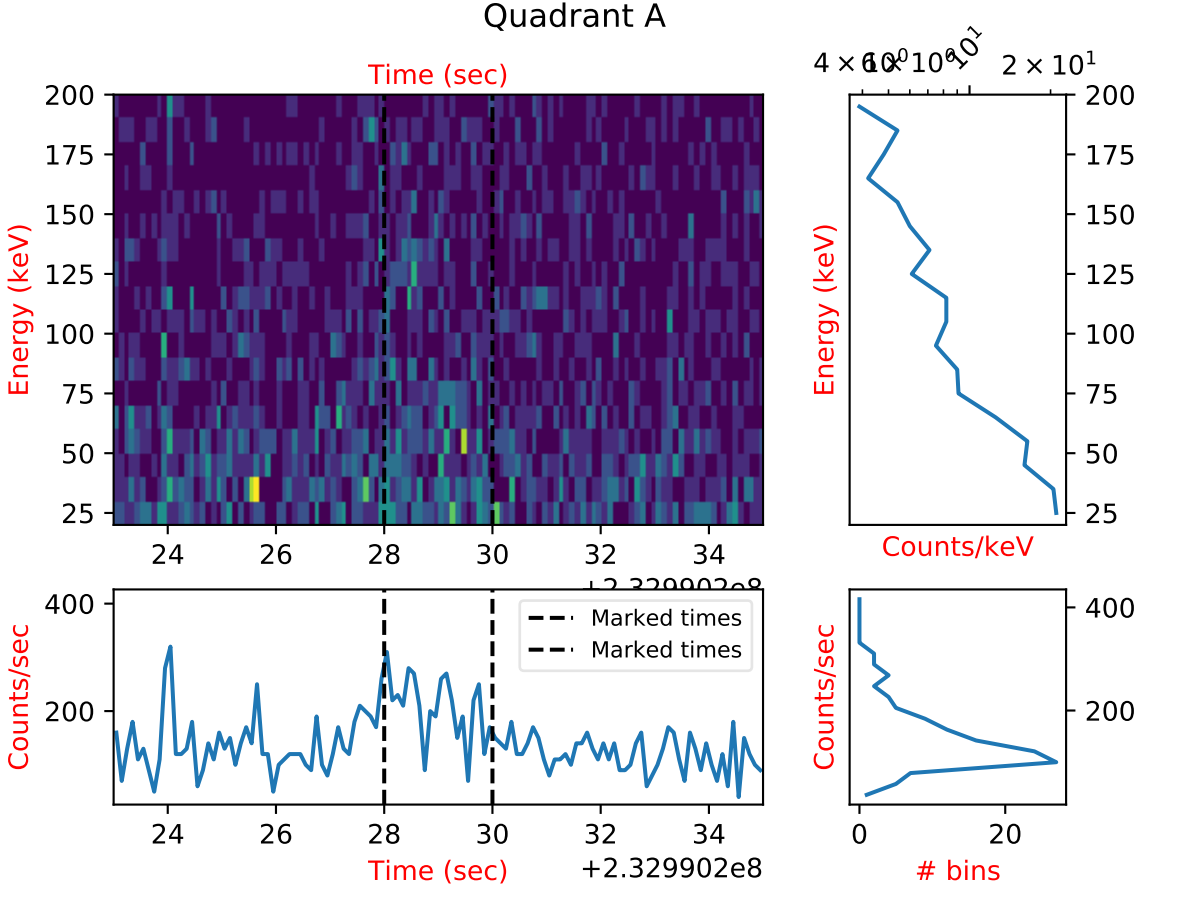
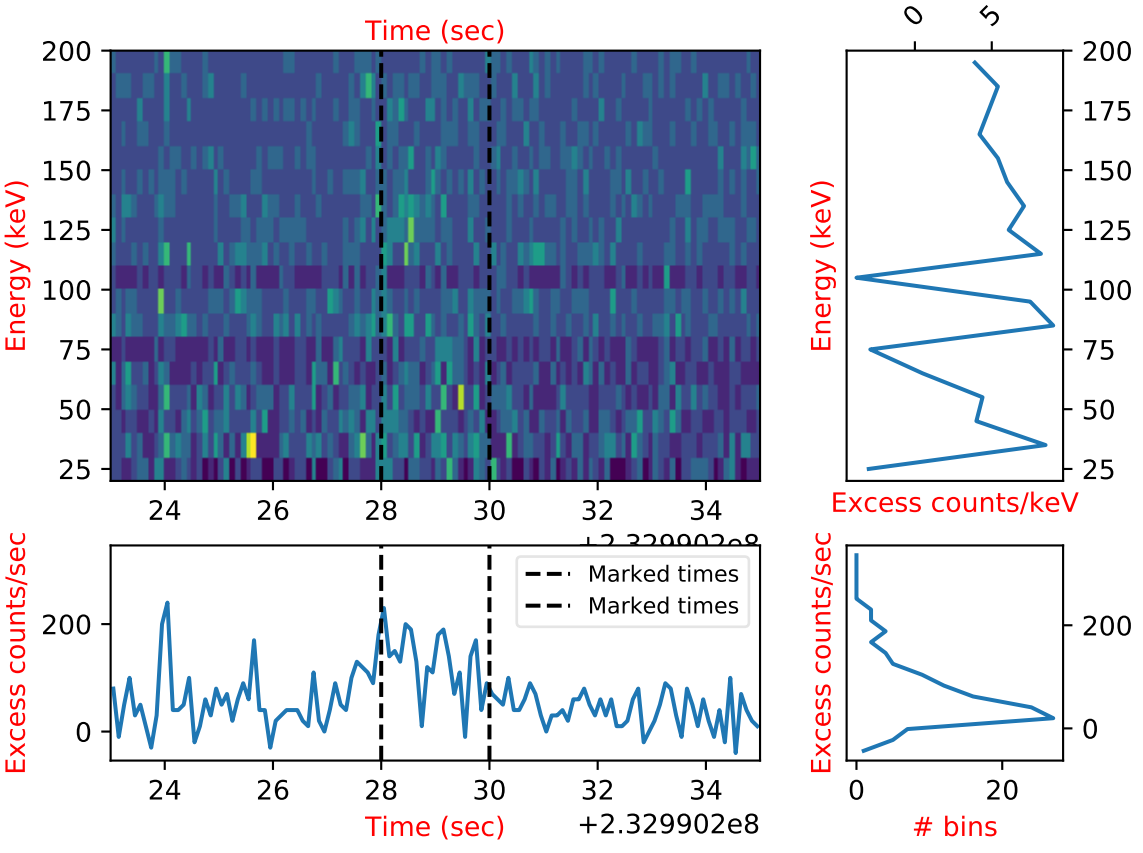
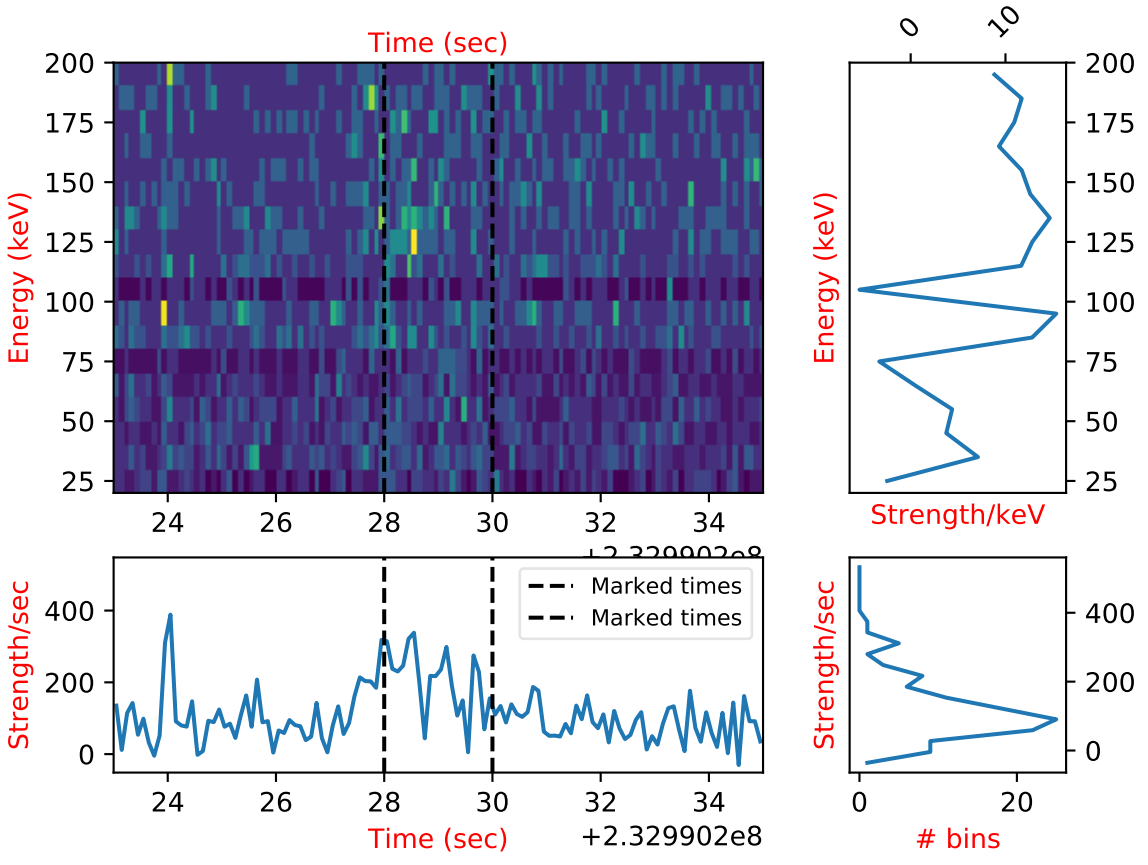
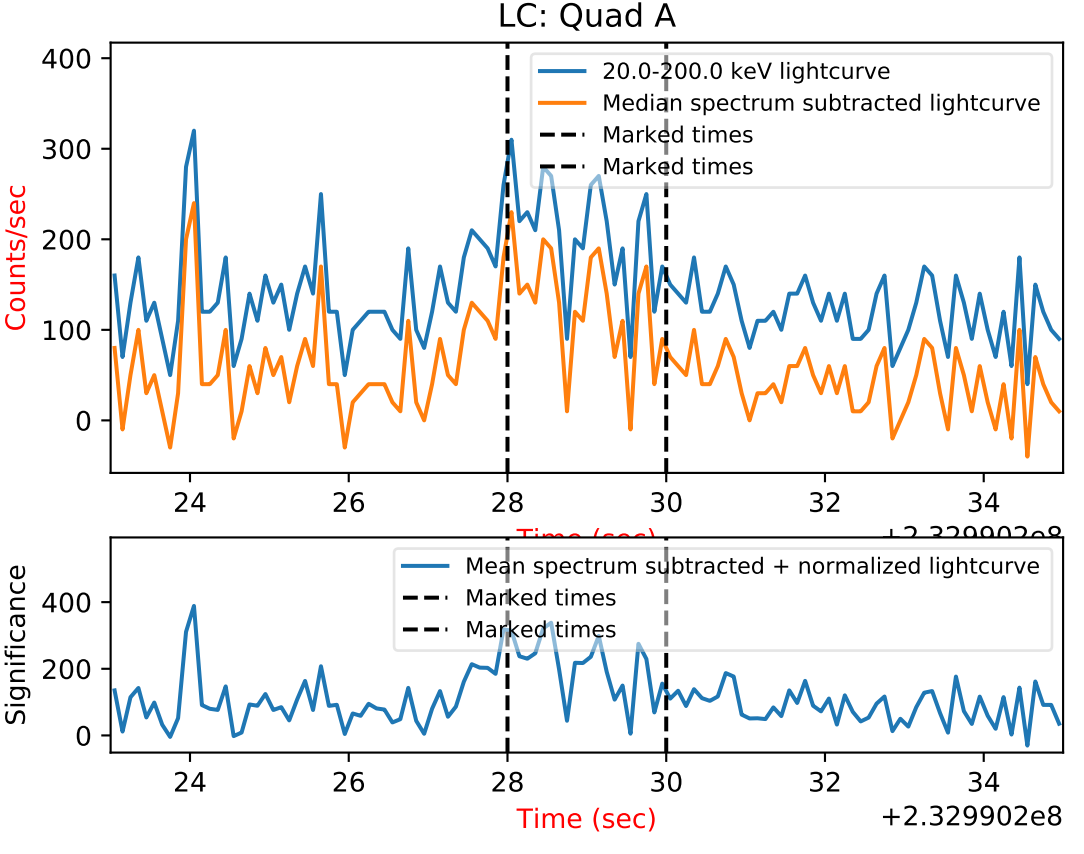
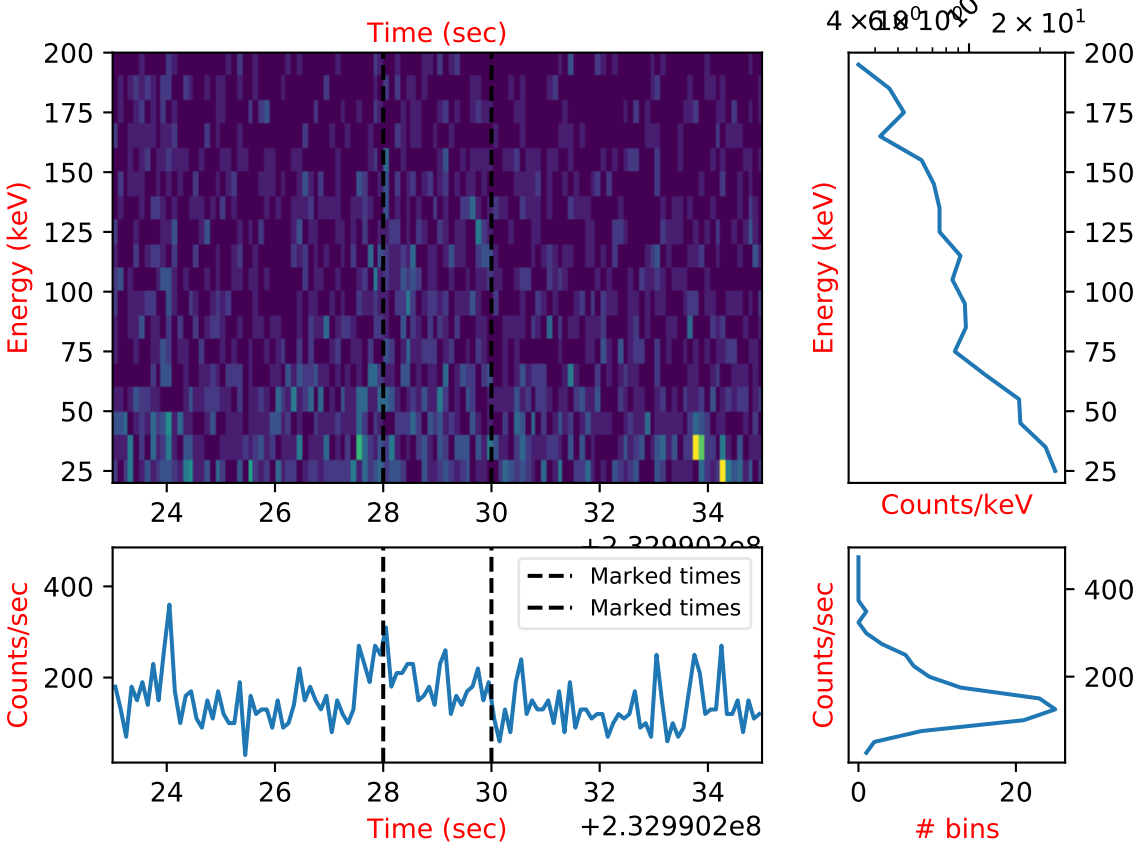
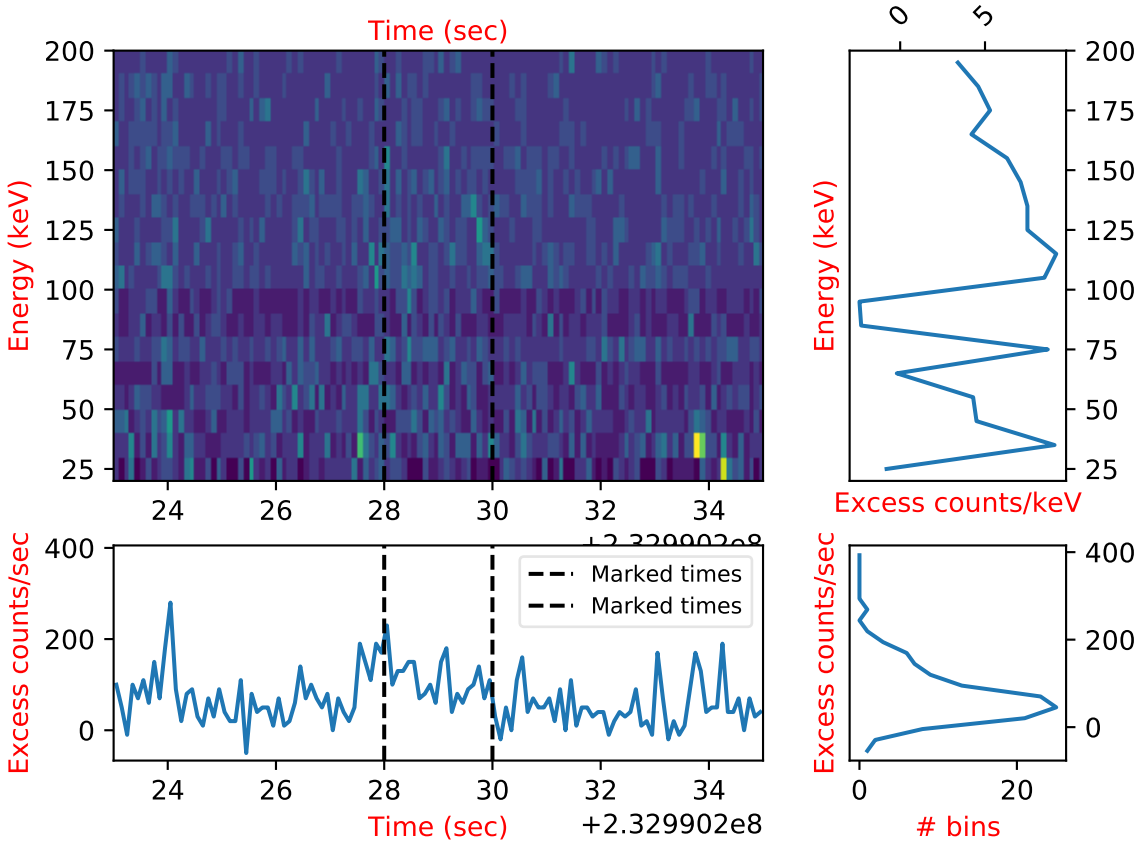

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
4 × 10^0
6 × 10^0
10^1
2 × 10^1
Counts/keV
Counts/sec
400
200
Marked times
Marked times
+2.329902e8
0
20
bins

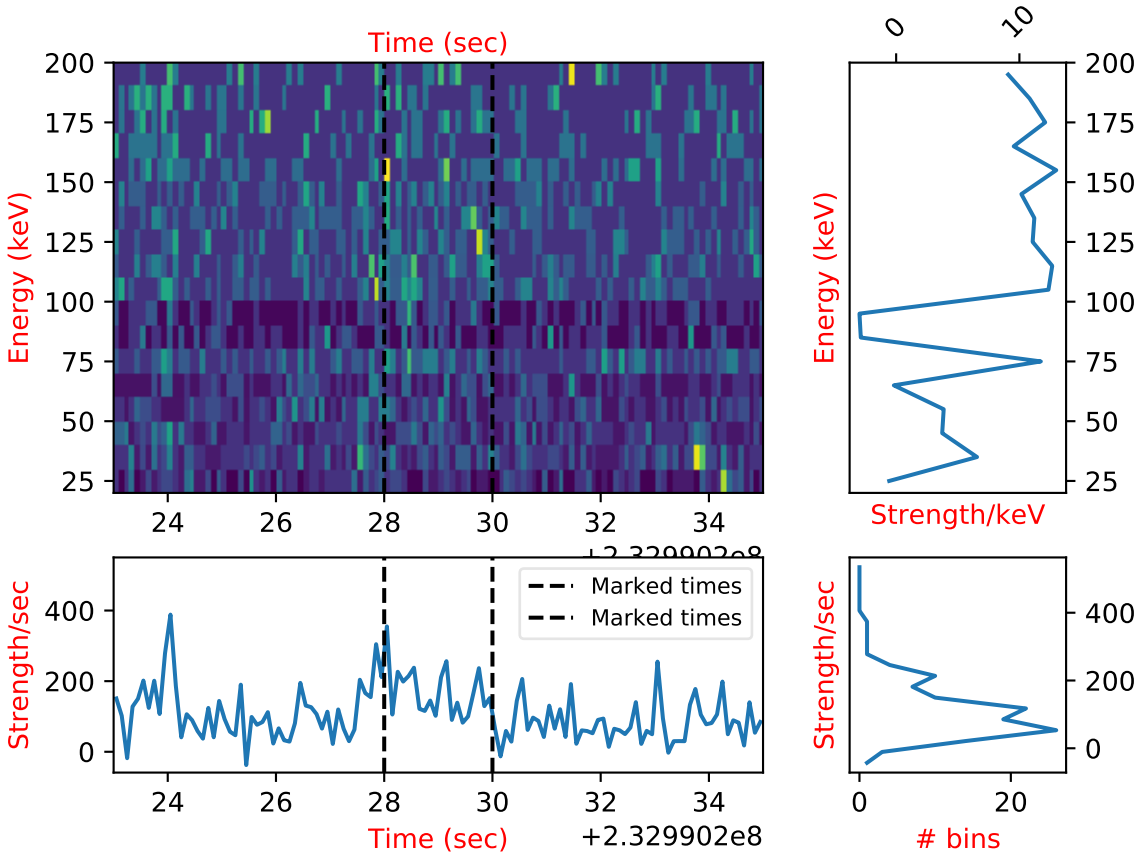

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
5
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.329902e8
bins
20

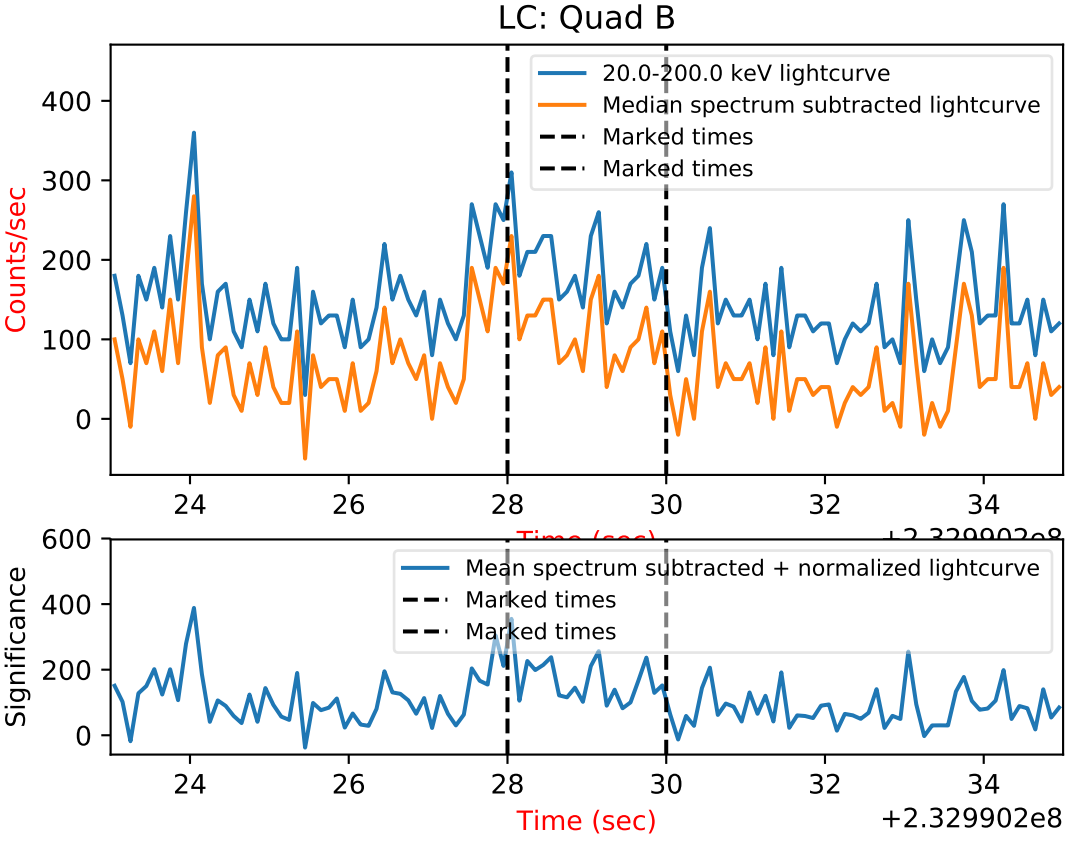

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
10
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.329902e8
bins
20

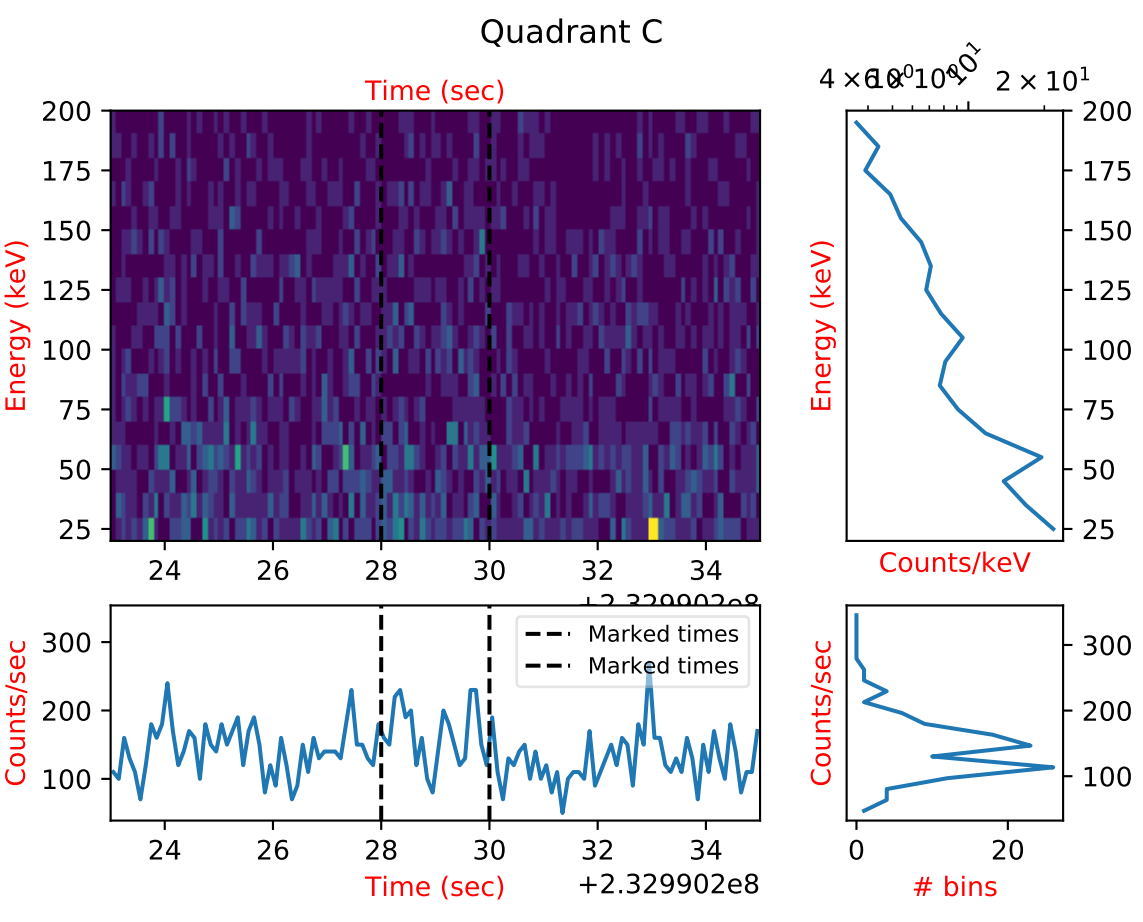

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
400
300
200
100
0
24
26
28
30
32
34
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)
+2.329902e8

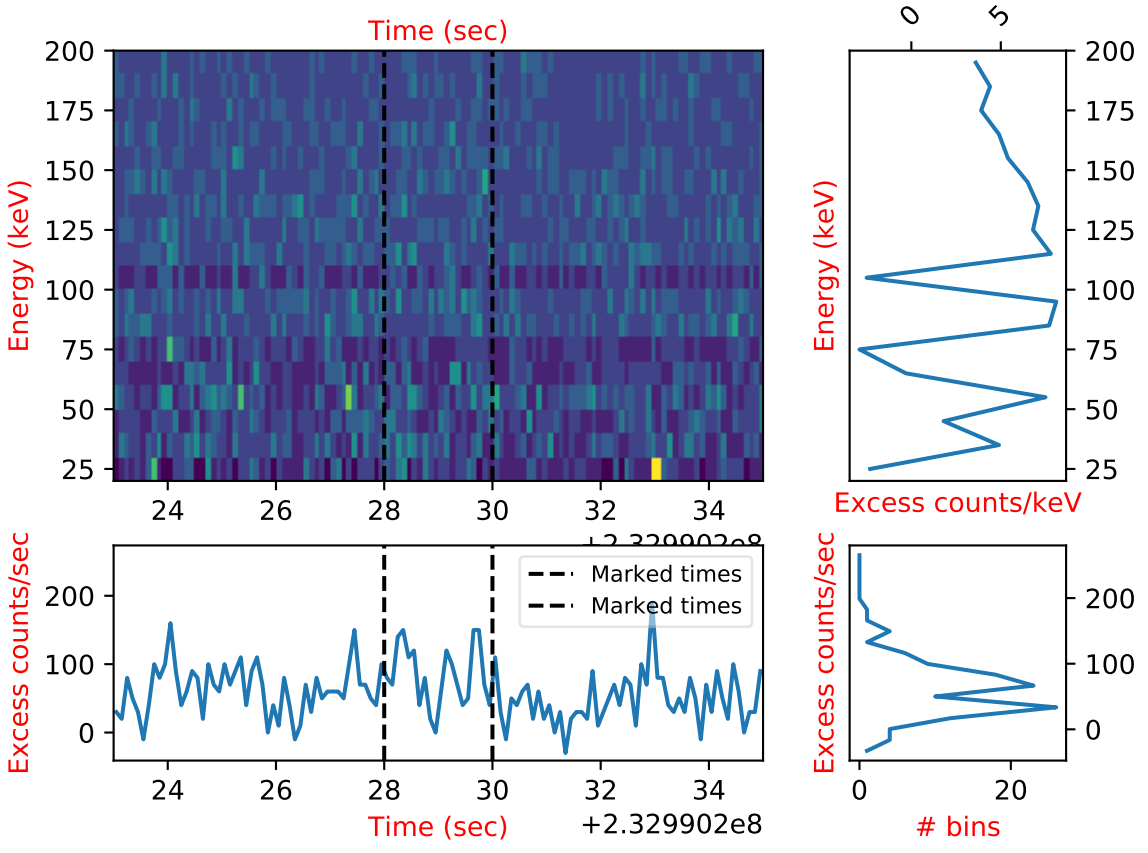

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
+2.329902e8
Counts/keV
Counts/sec
400
200
Marked times
Marked times
Time (sec)
+2.329902e8
bins
0
20

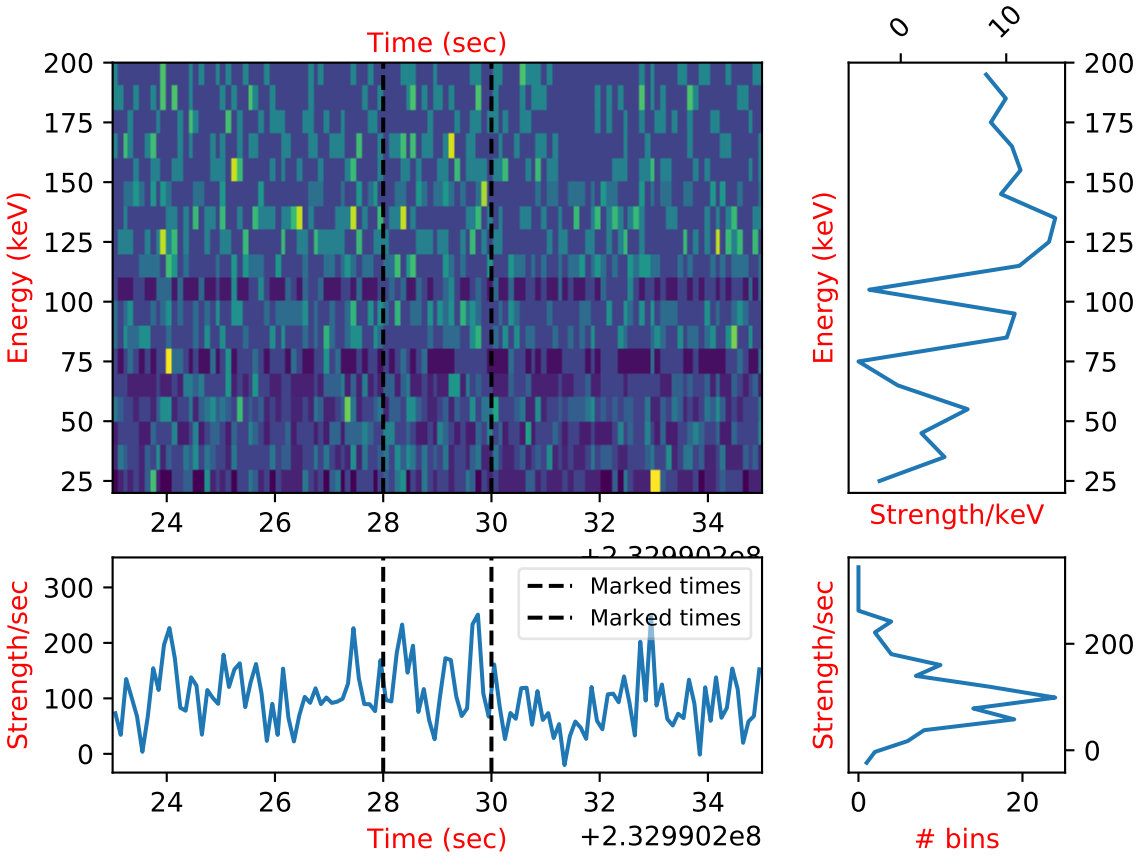

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
5
Excess counts/keV
Excess counts/sec
400
200
0
Marked times
Marked times
+2.329902e8
bins
20

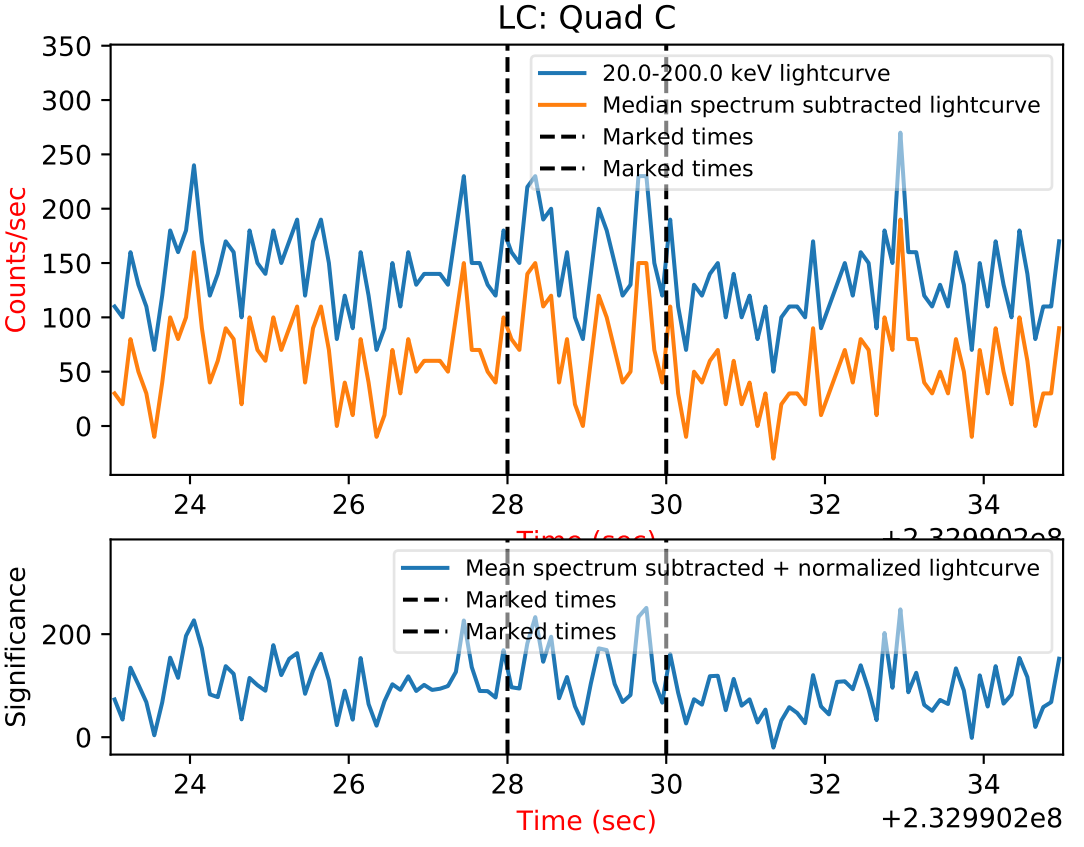

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
10
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.329902e8
bins
20

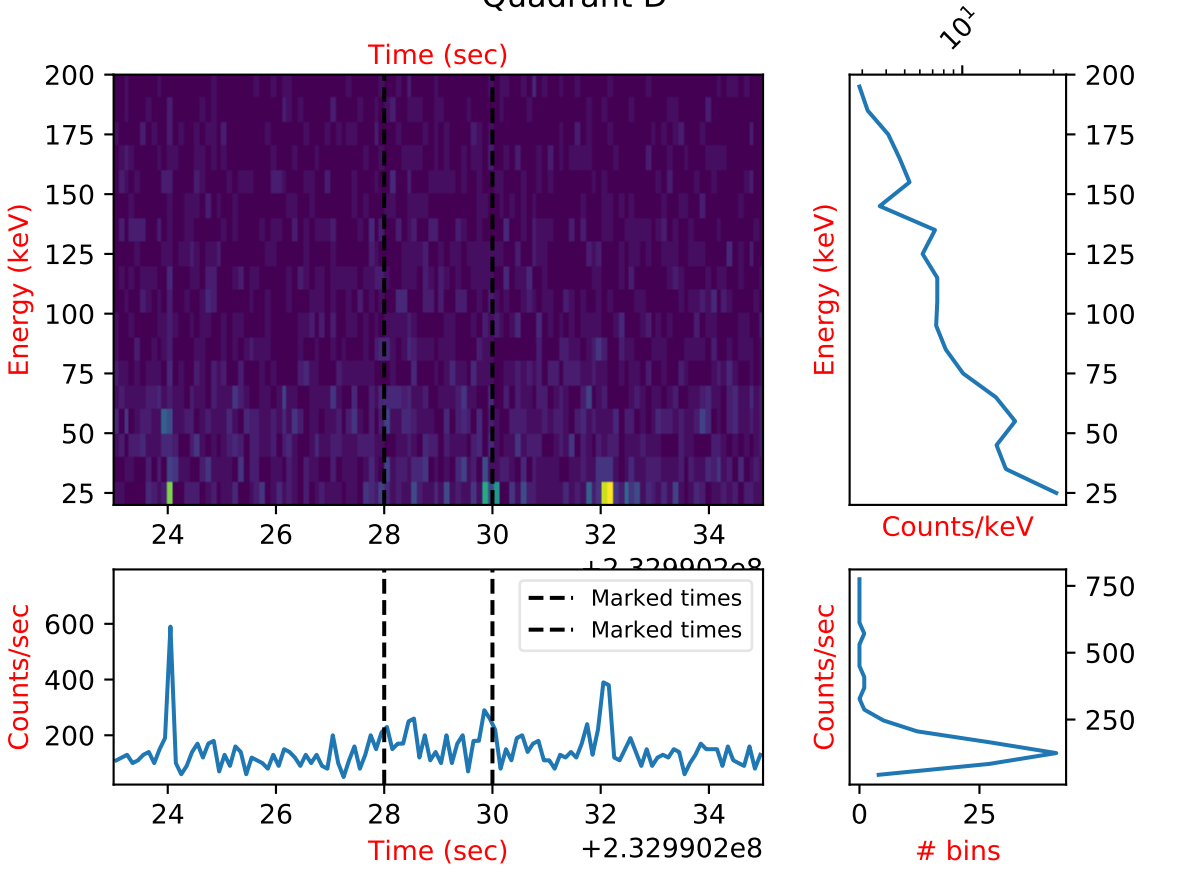

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
400
300
200
100
0
24
26
28
30
32
34
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
600
400
200
0
Time (sec)
+2.329902e8

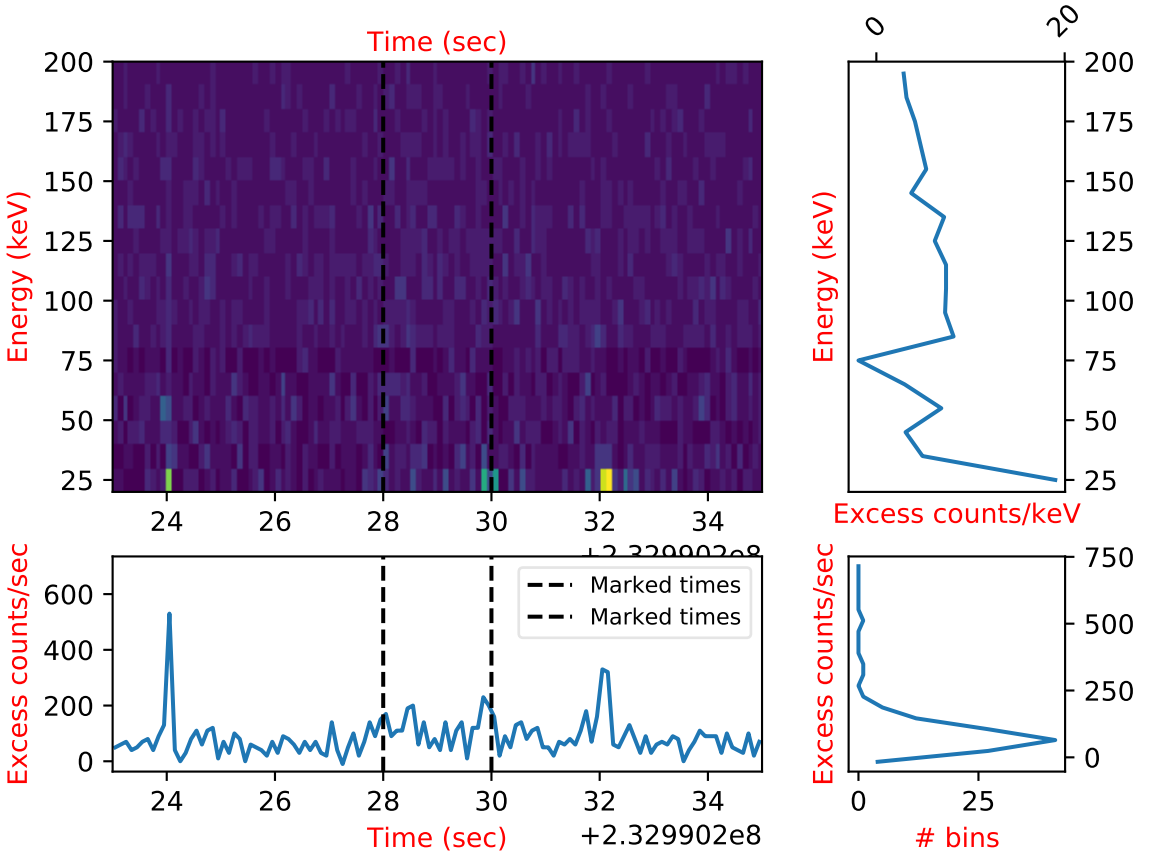

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
+2.329902e8
Counts/keV
Counts/sec
300
200
100
Marked times
Marked times
Time (sec)
+2.329902e8
bins
0
20

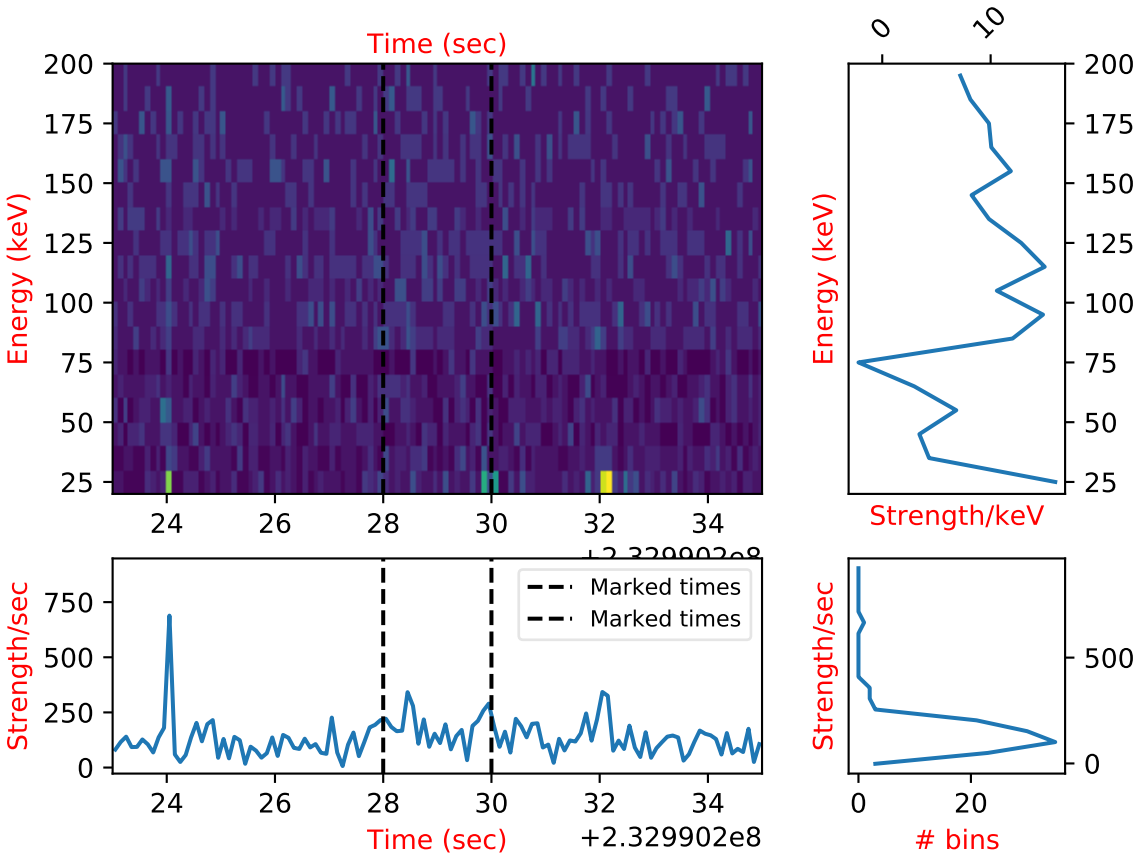

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
5
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.329902e8
bins
20

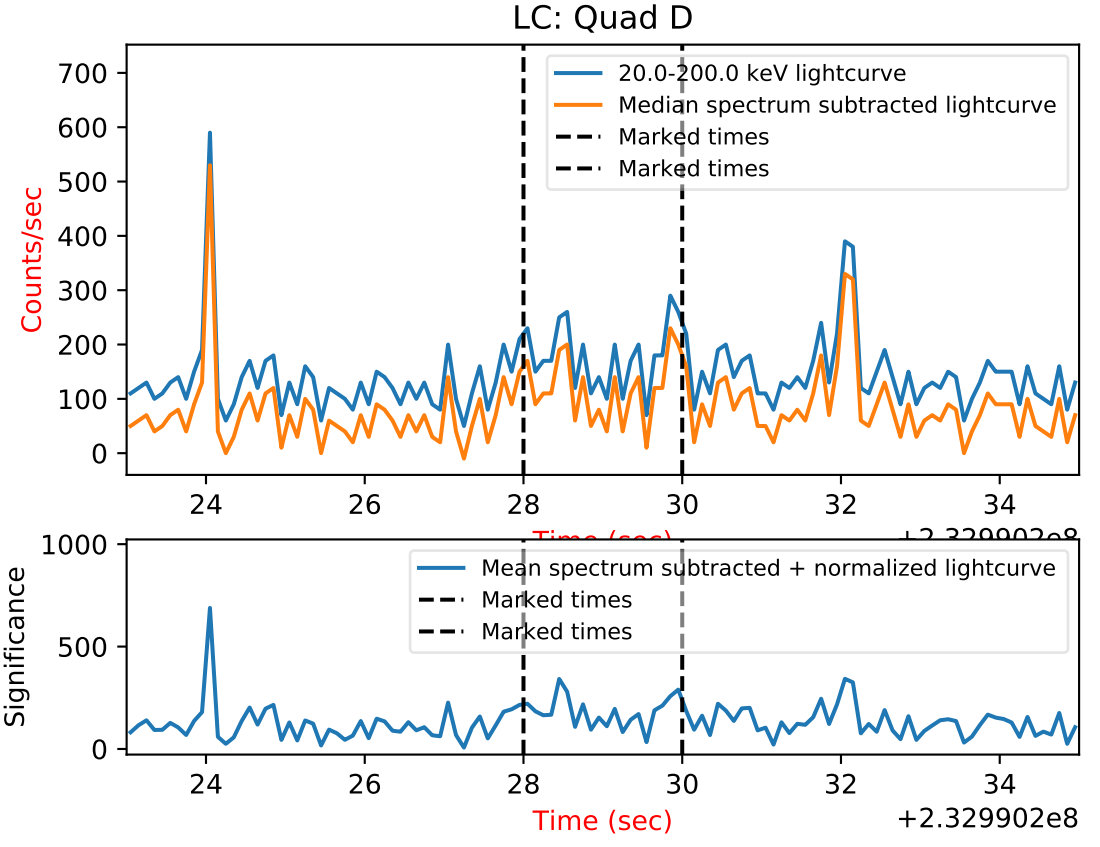

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
10
Strength/keV
Strength/sec
300
200
100
0
Marked times
Marked times
+2.329902e8
bins
20

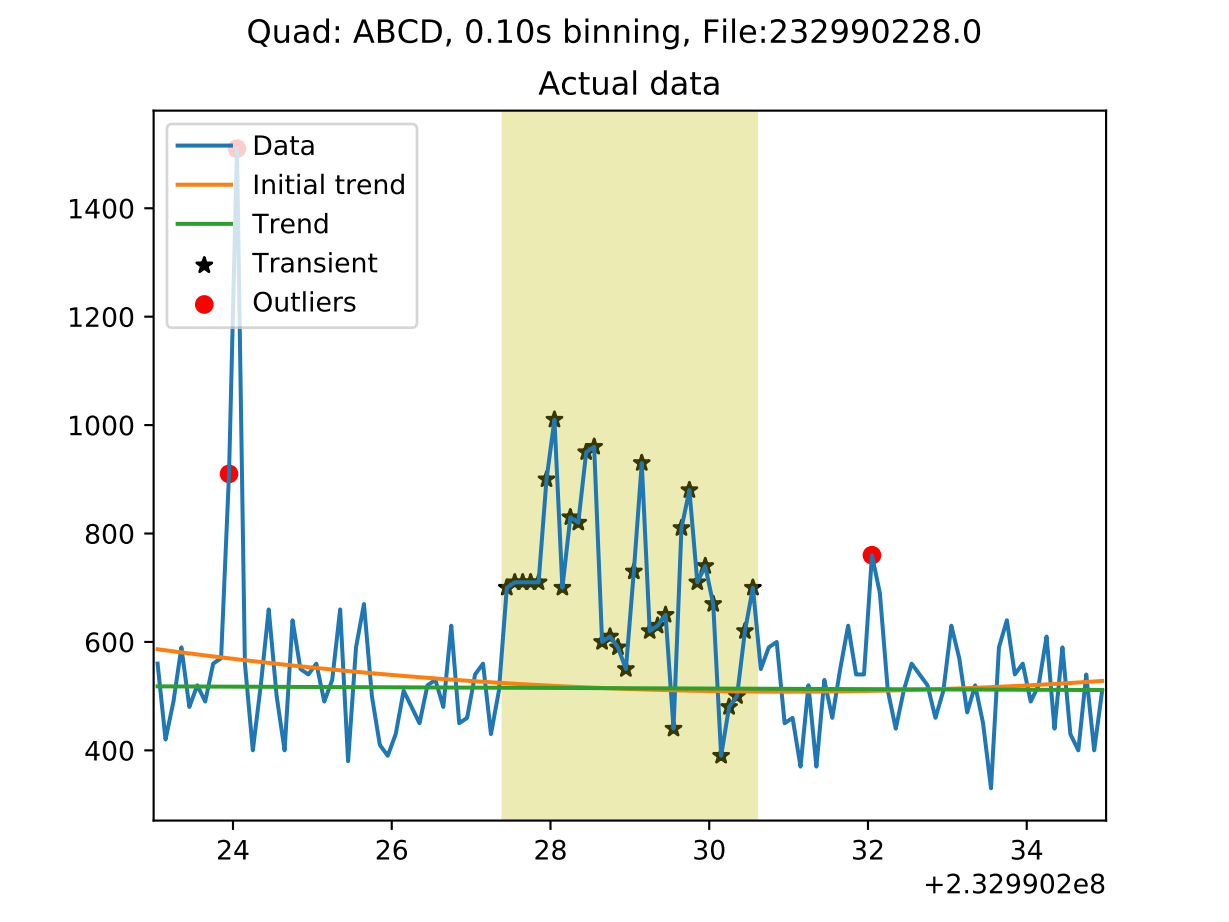

LC: Quad C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
350
300
250
200
150
100
50
0
24
26
28
30
32
34
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
0
Time (sec)
+2.329902e8

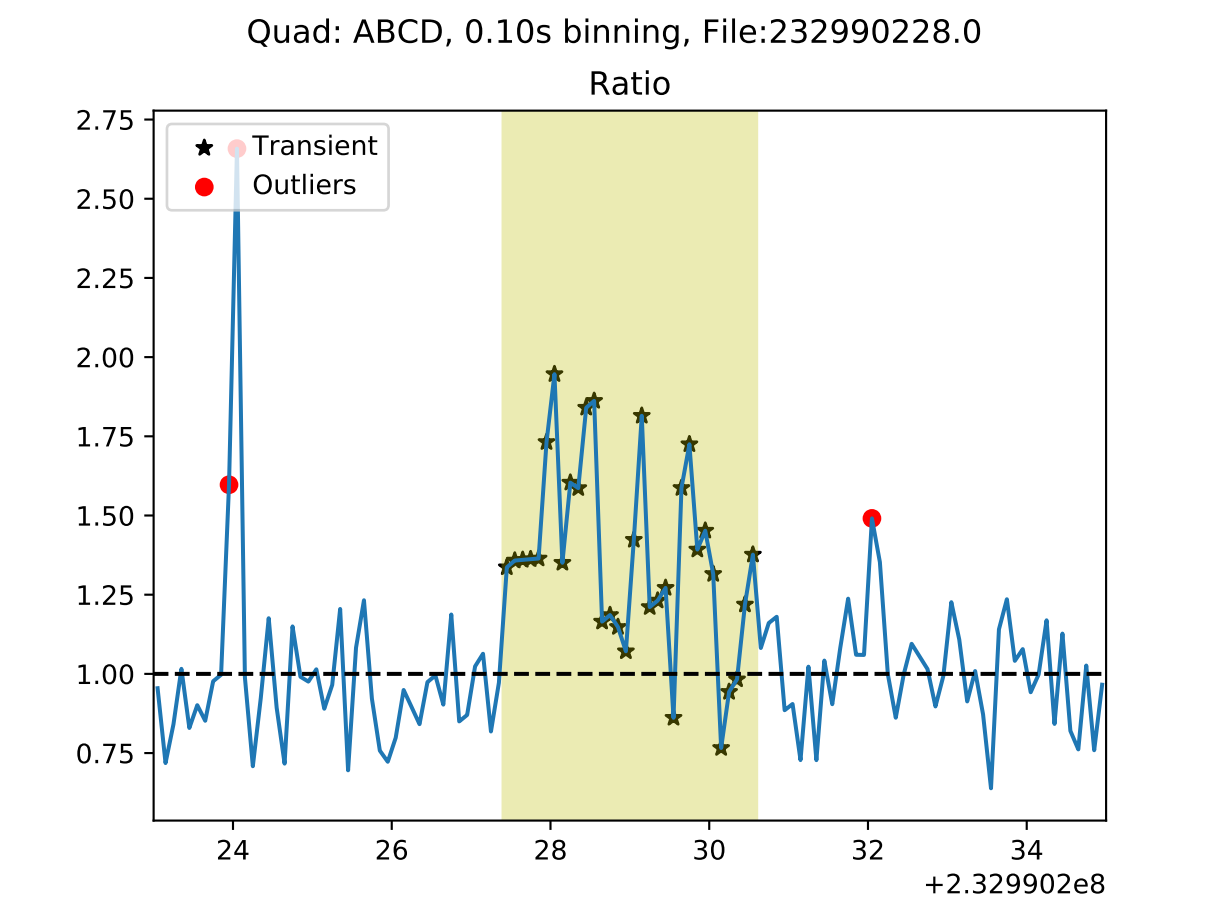

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
10^1
Counts/keV
Counts/sec
600
400
200
Marked times
Marked times
+2.329902e8
750
500
250
0
25
bins

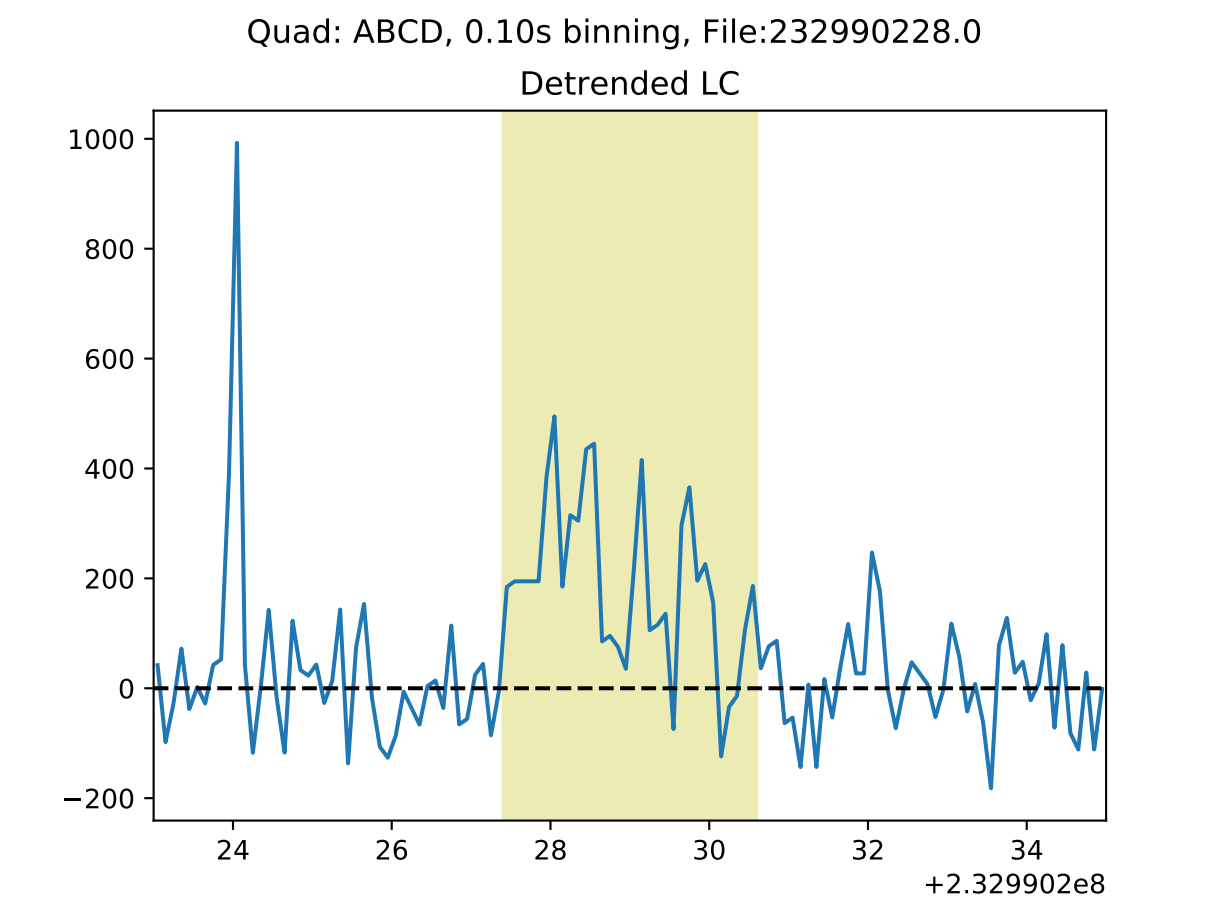

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
0
20
Excess counts/keV
Excess counts/sec
600
400
200
0
Marked times
Marked times
+2.329902e8
750
500
250
bins

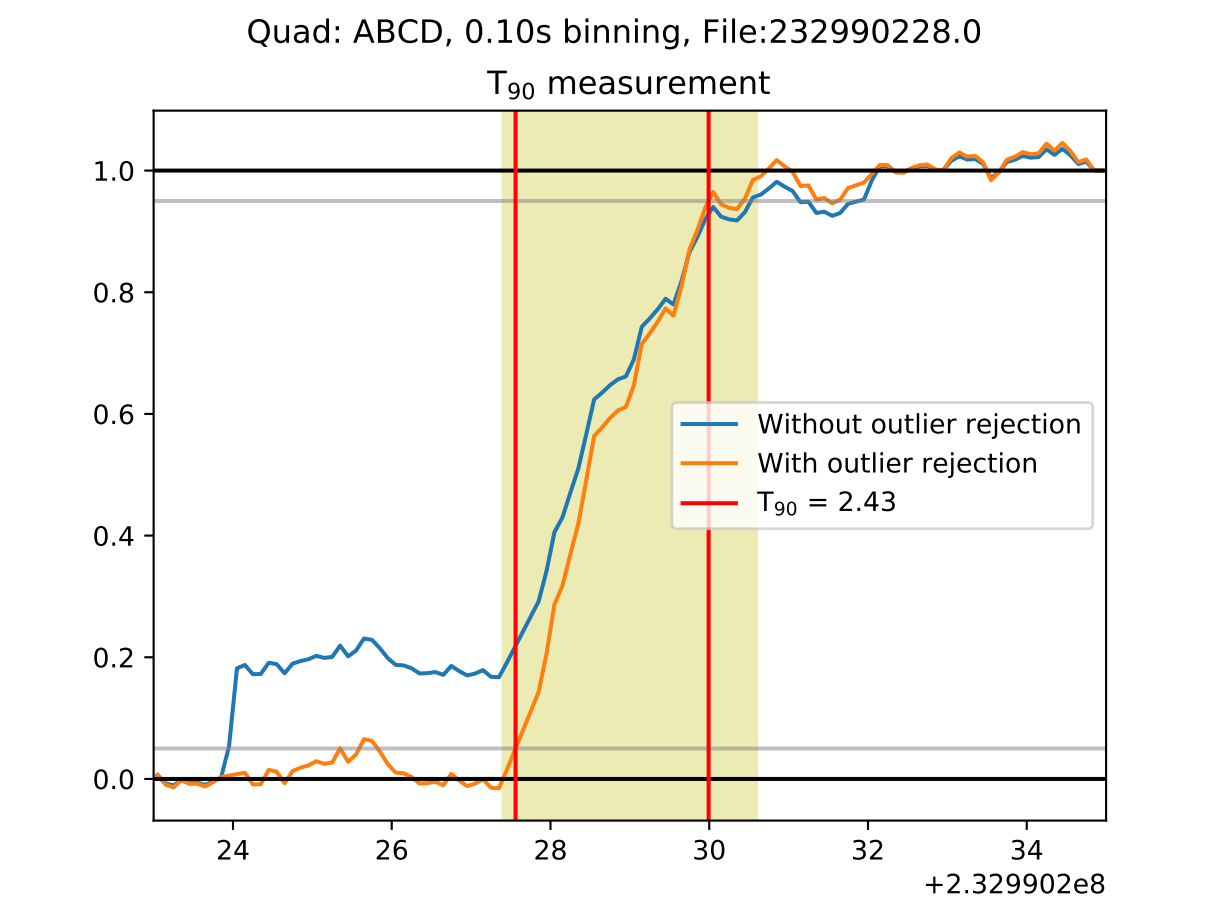

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
24
26
28
30
32
34
+2.329902e8
0
10
Strength/keV
Strength/sec
750
500
250
0
Marked times
Marked times
Time (sec)
+2.329902e8
20
bins

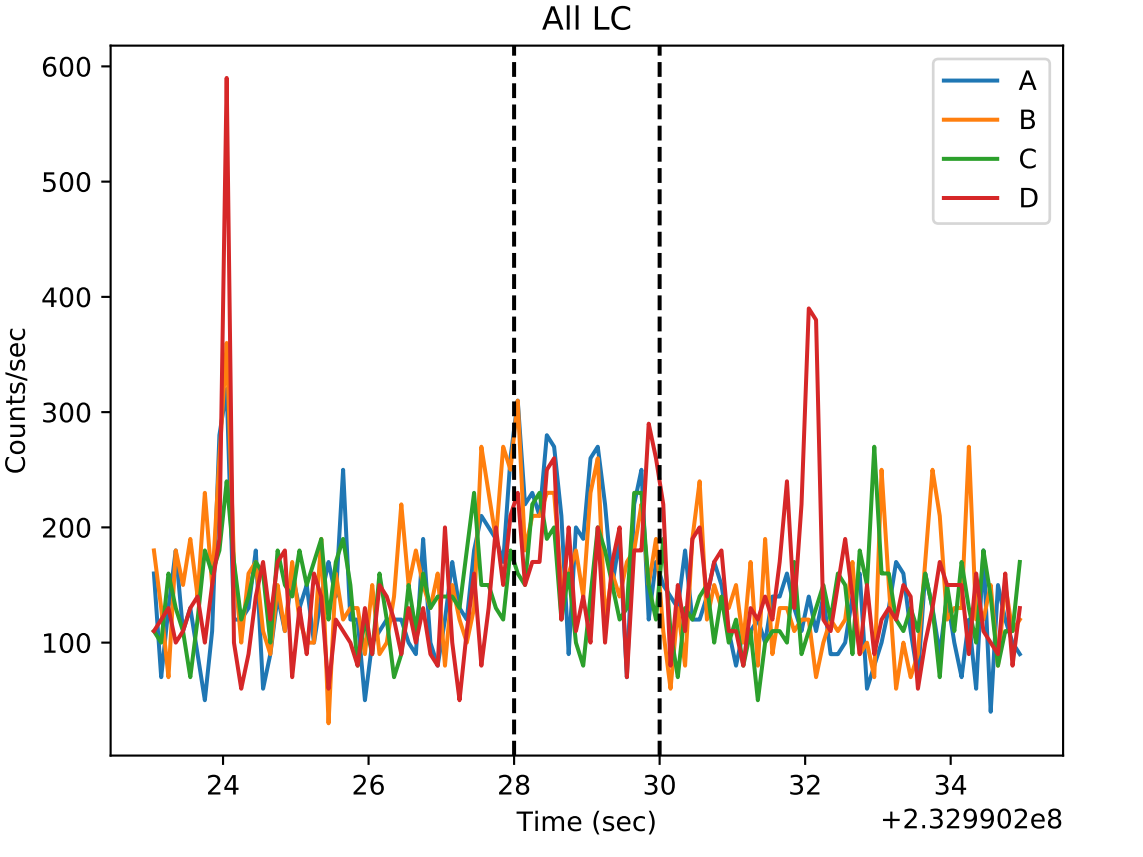

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
700
600
500
400
300
200
100
0
24
26
28
30
32
34
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
1000
500
0
Time (sec)
+2.329902e8


Quad: ABCD, 0.10s binning, File:232990228.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
1400
1200
1000
800
600
400
24
26
28
30
32
34
+2.329902e8


Quad: ABCD, 0.10s binning, File:232990228.0
Ratio
Transient
Outliers
2.75
2.50
2.25
2.00
1.75
1.50
1.25
1.00
0.75
24
26
28
30
32
34
+2.329902e8


Quad: ABCD, 0.10s binning, File:232990228.0
Detrended LC
1000
800
600
400
200
0
−200
24
26
28
30
32
34
+2.329902e8


Quad: ABCD, 0.10s binning, File:232990228.0
T90 measurement
1.0
0.8
0.6
0.4
0.2
0.0
24
26
28
30
32
34
+2.329902e8
Without outlier rejection
With outlier rejection
T90 = 2.43


All LC
A
B
C
D
600
500
400
300
200
100
Counts/sec
24
26
28
30
32
34
Time (sec)
+2.329902e8