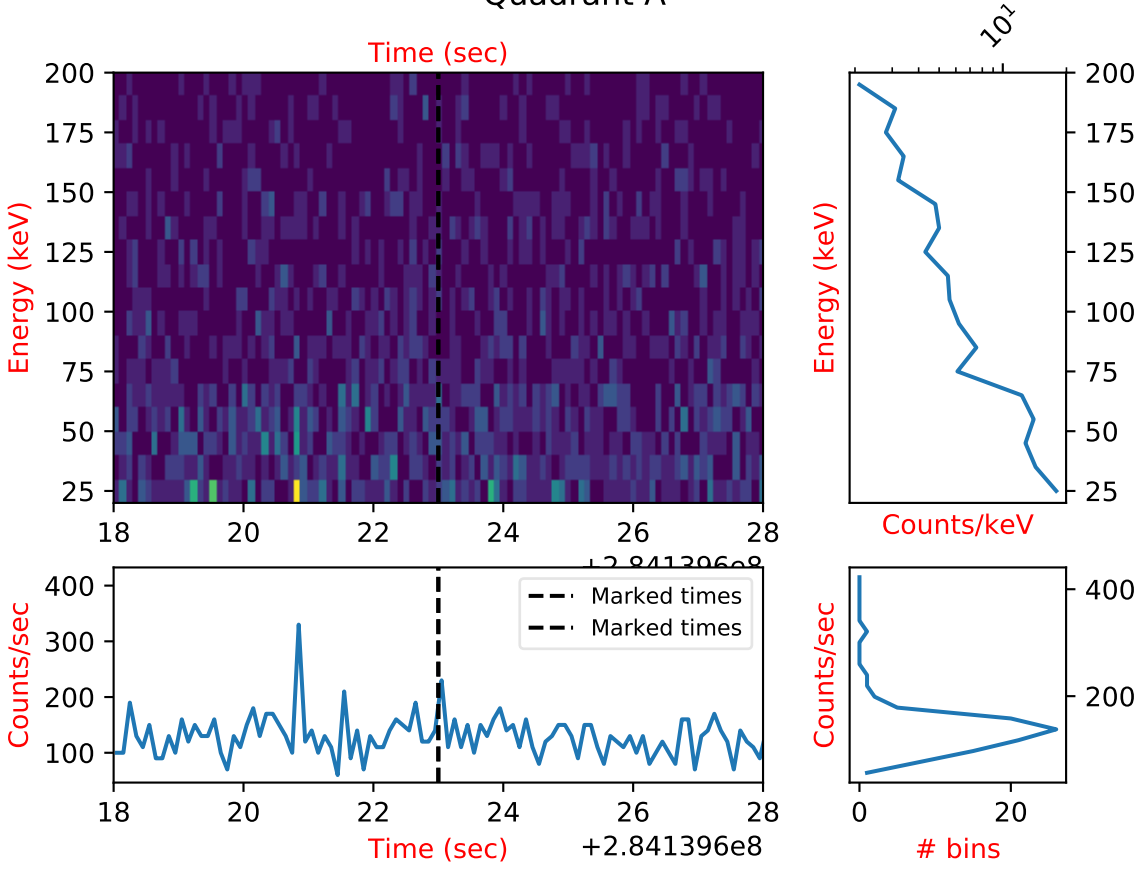
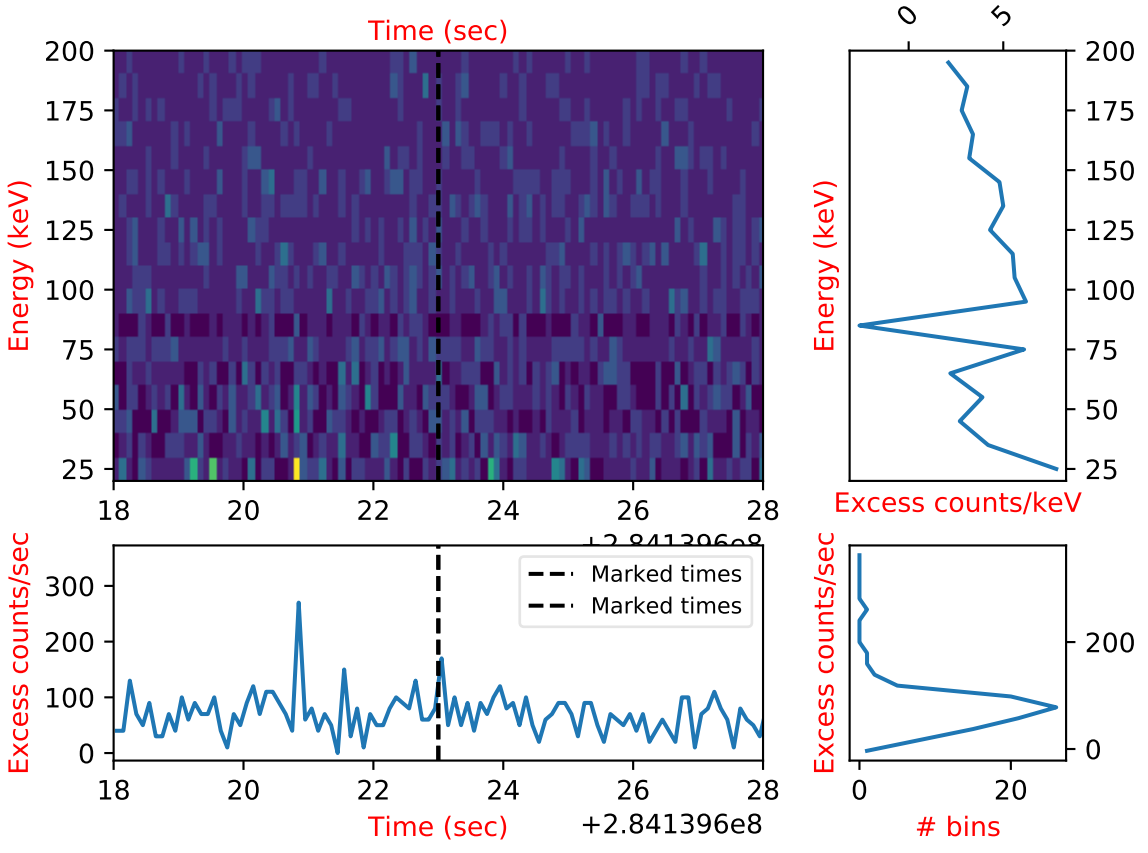
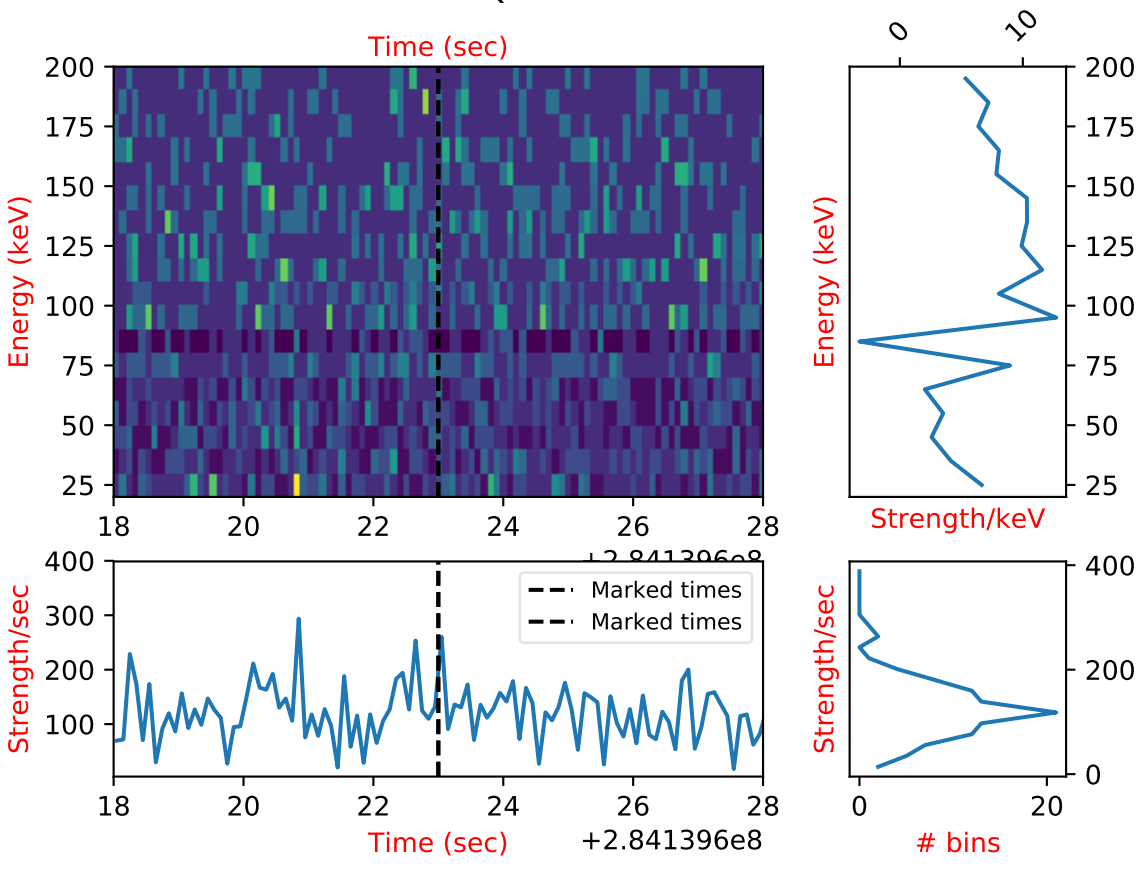
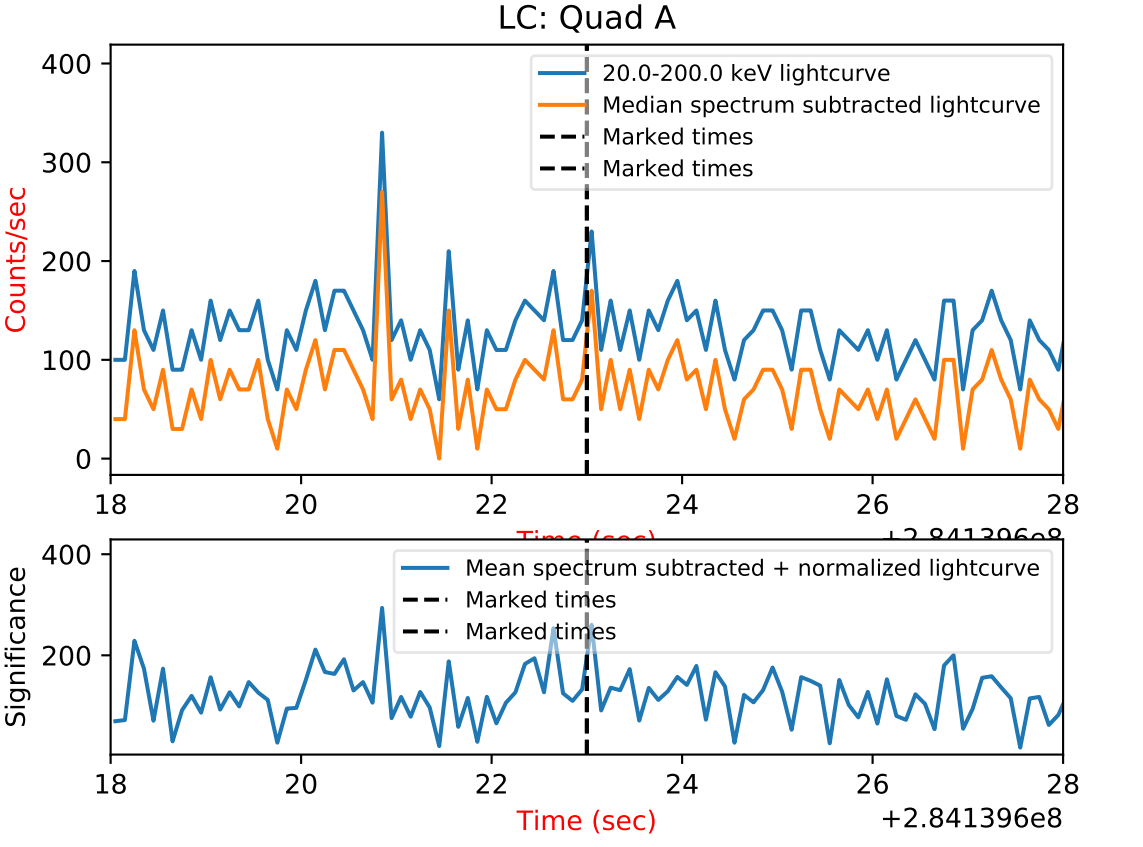
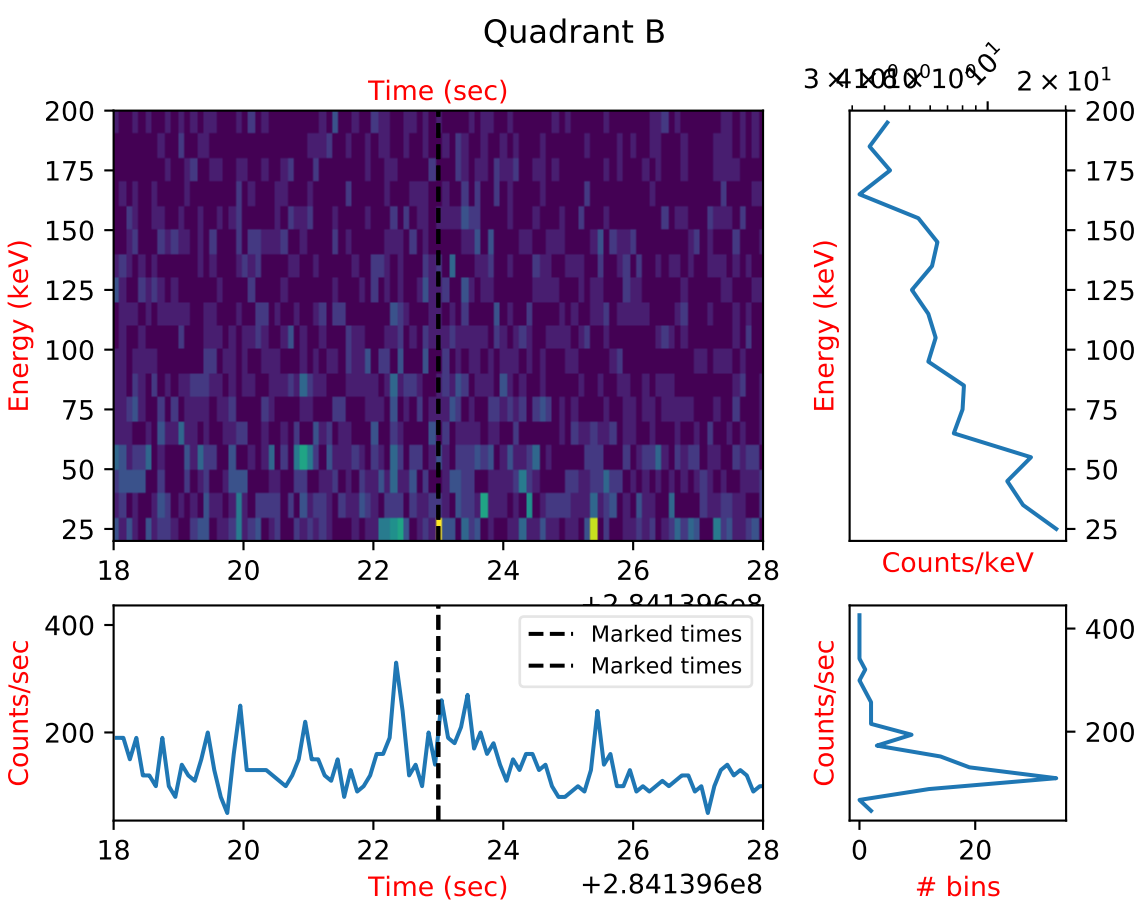
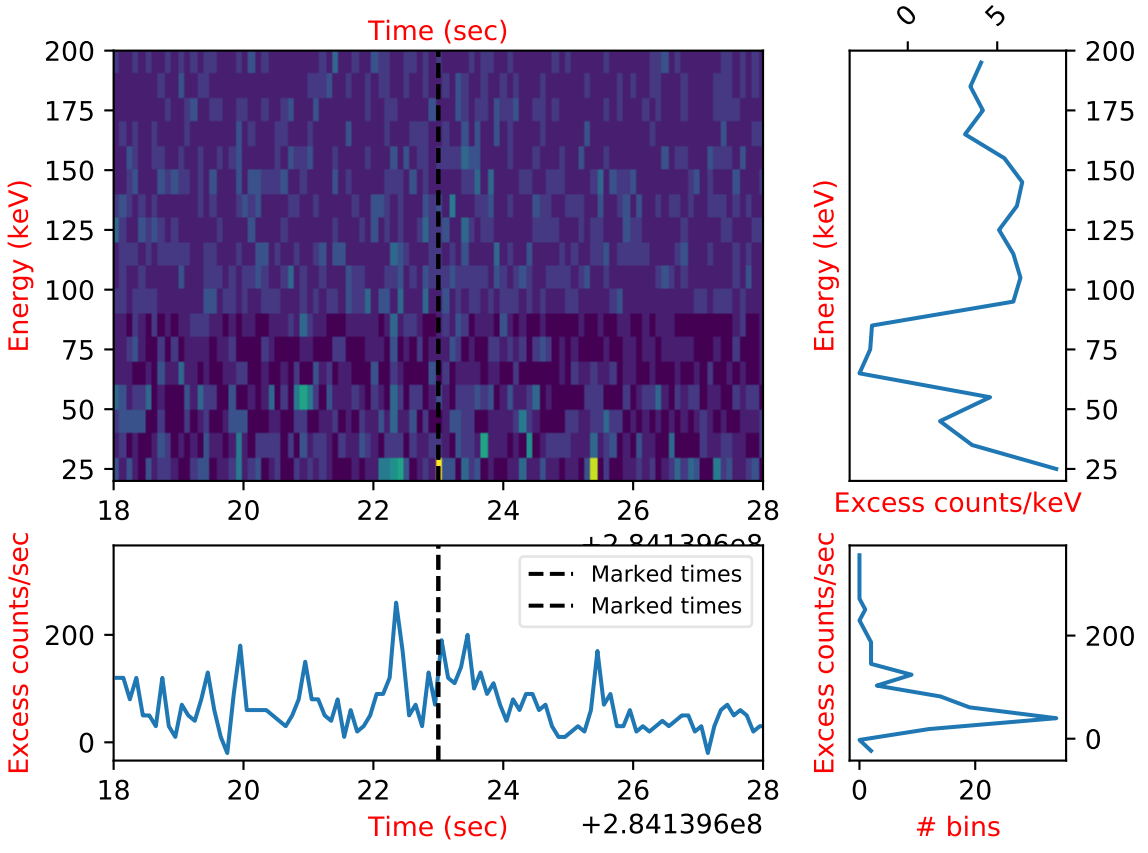

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
10^{1}
Counts/keV
+2.841396e8
Counts/sec
400
300
200
100
Marked times
Marked times
Time (sec)
+2.841396e8
0
20
bins

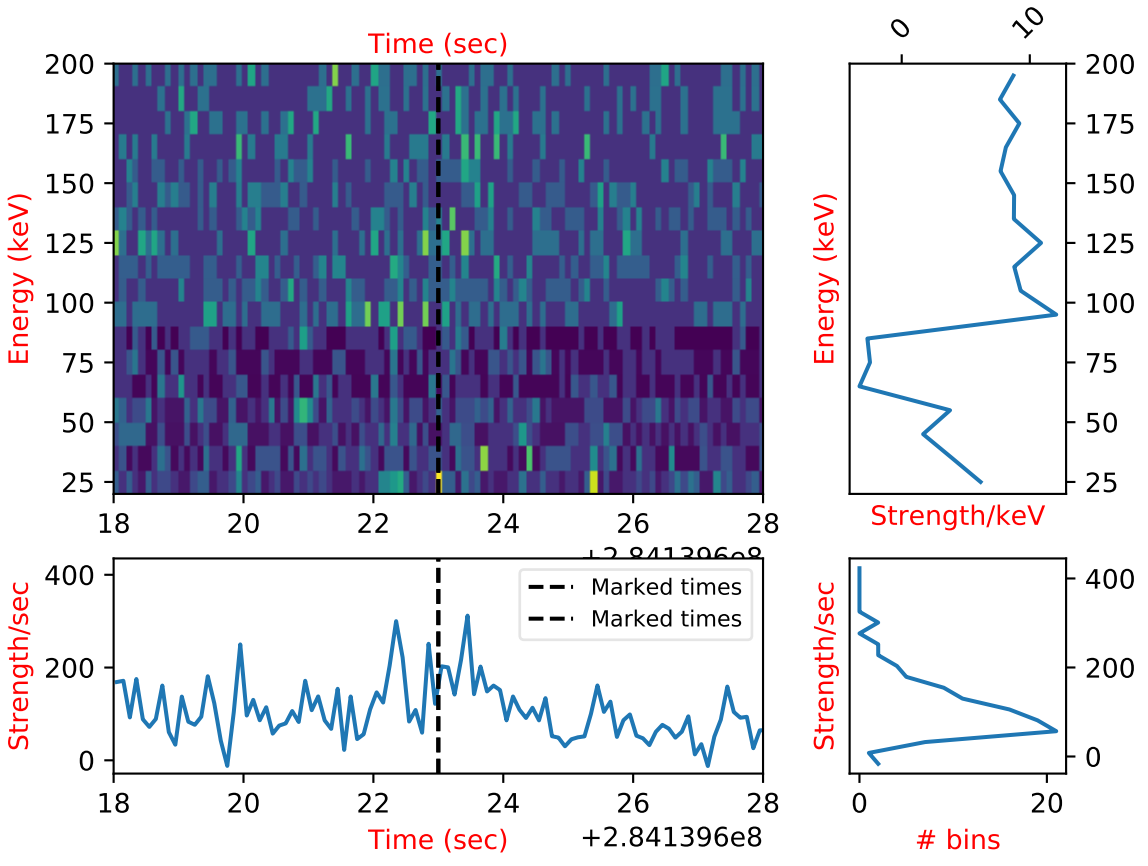

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
5
Excess counts/keV
Excess counts/sec
300
200
100
0
Marked times
Marked times
+2.841396e8
bins

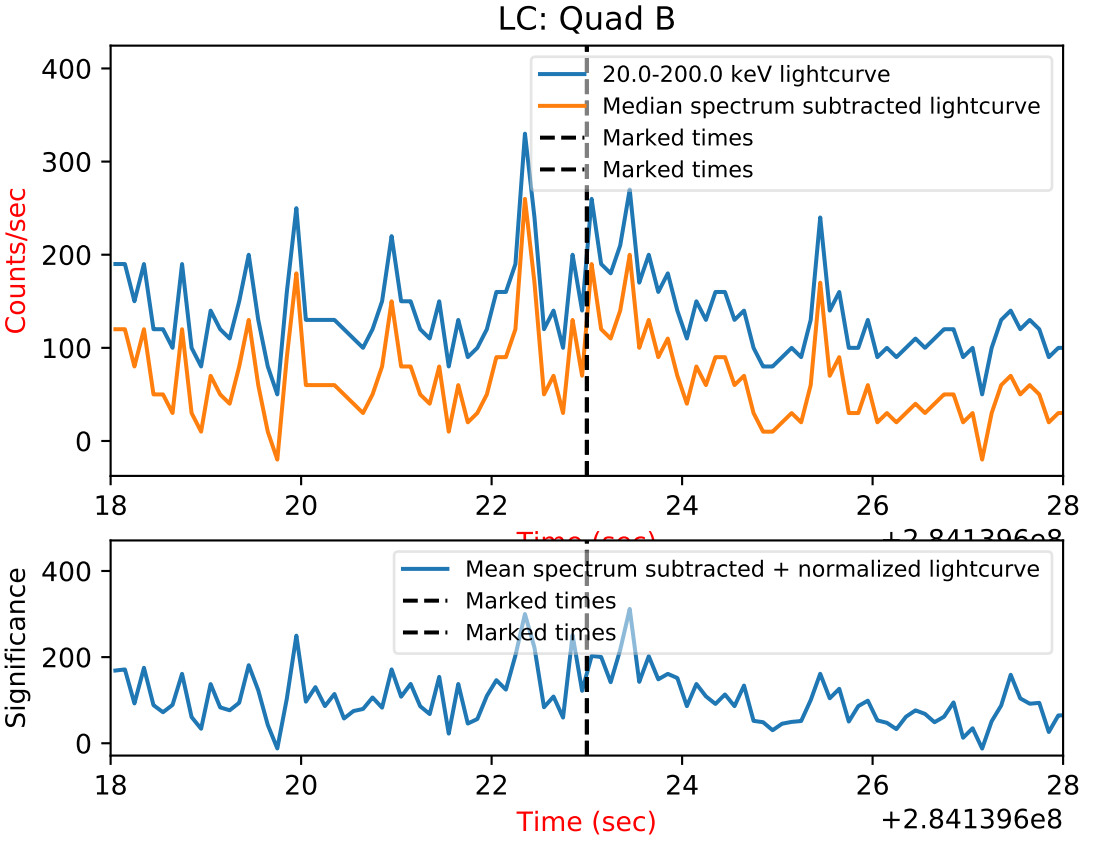

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
10
Strength/keV
Strength/sec
400
300
200
100
Marked times
Marked times
+2.841396e8
bins
0
20

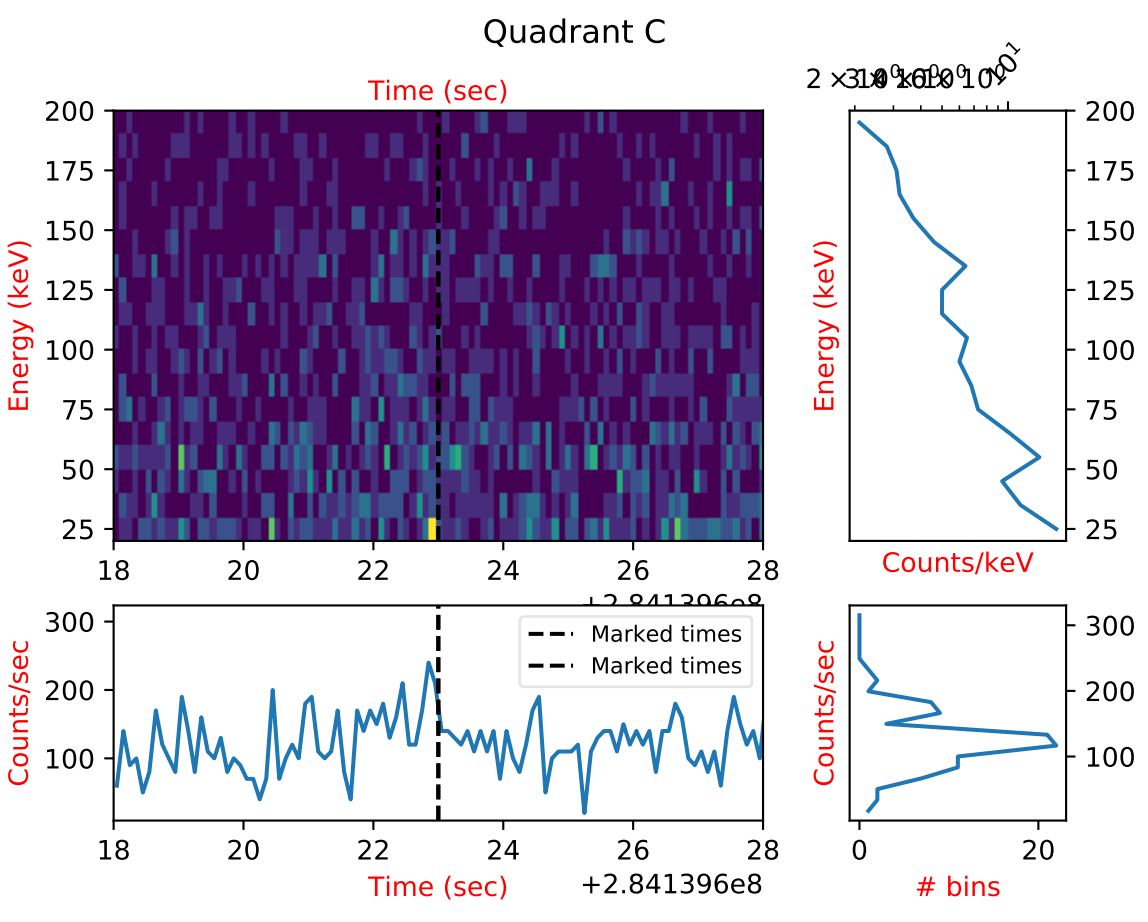

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
400
300
200
100
0
18
20
22
24
26
28
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
Time (sec)
+2.841396e8

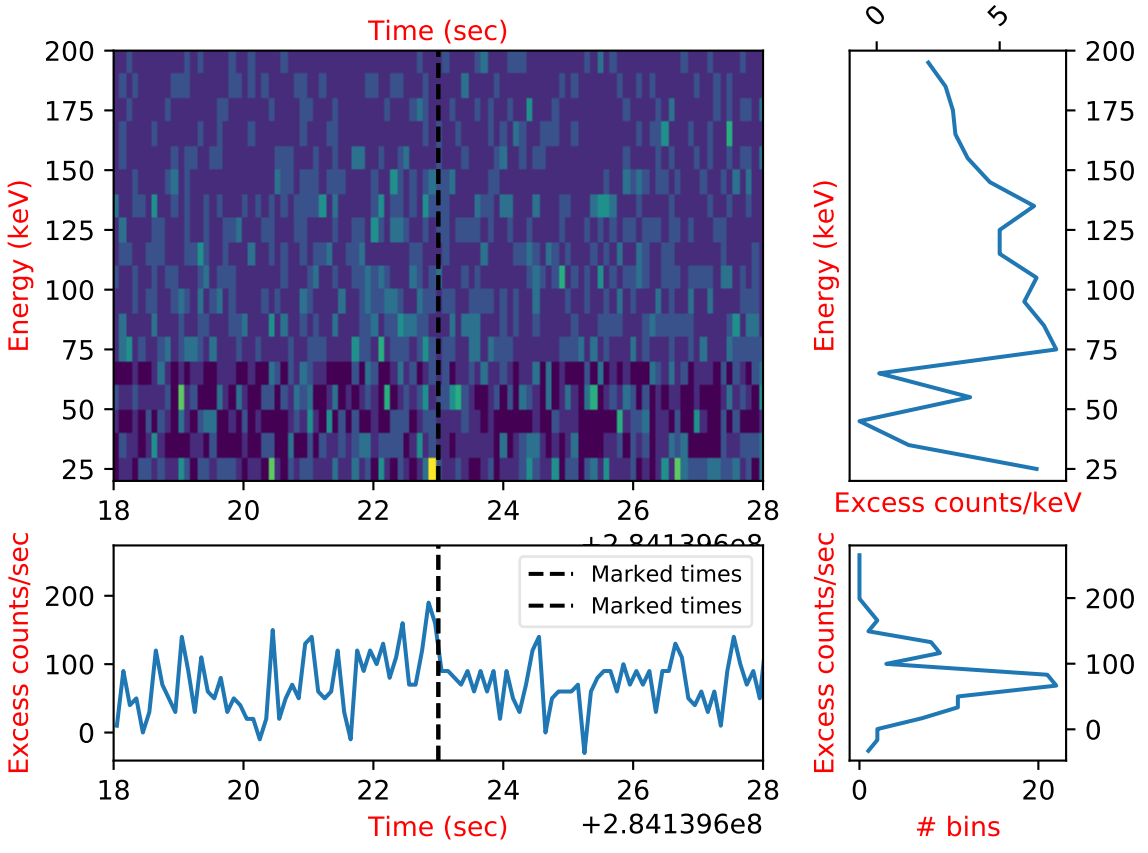

Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.841396e8

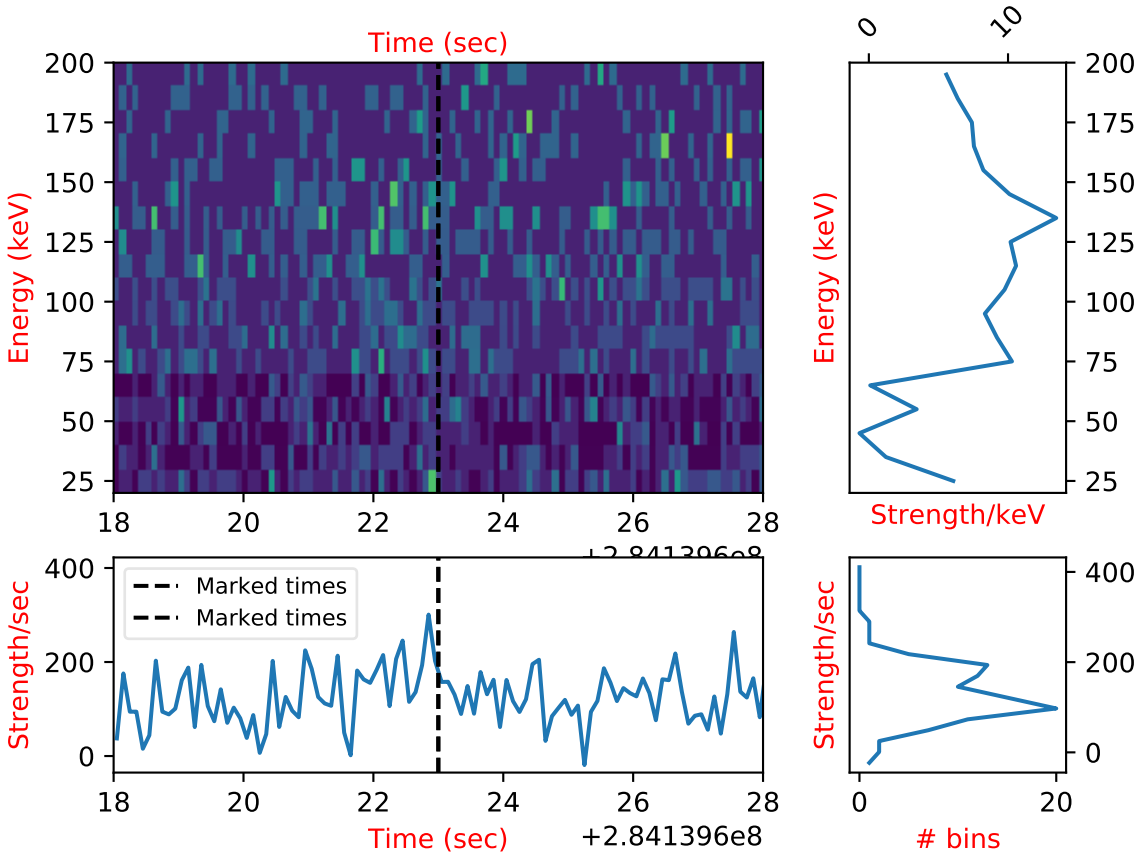

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
5
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.841396e8
bins

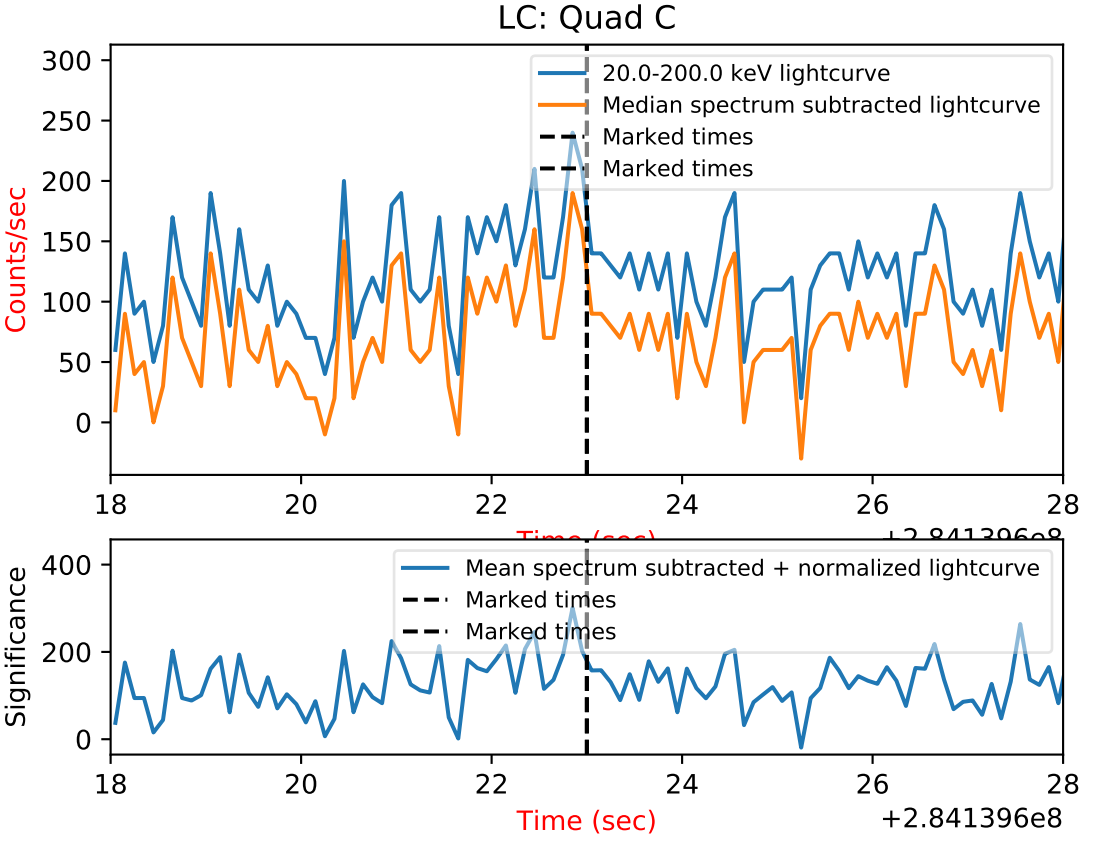

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
10
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.841396e8
bins

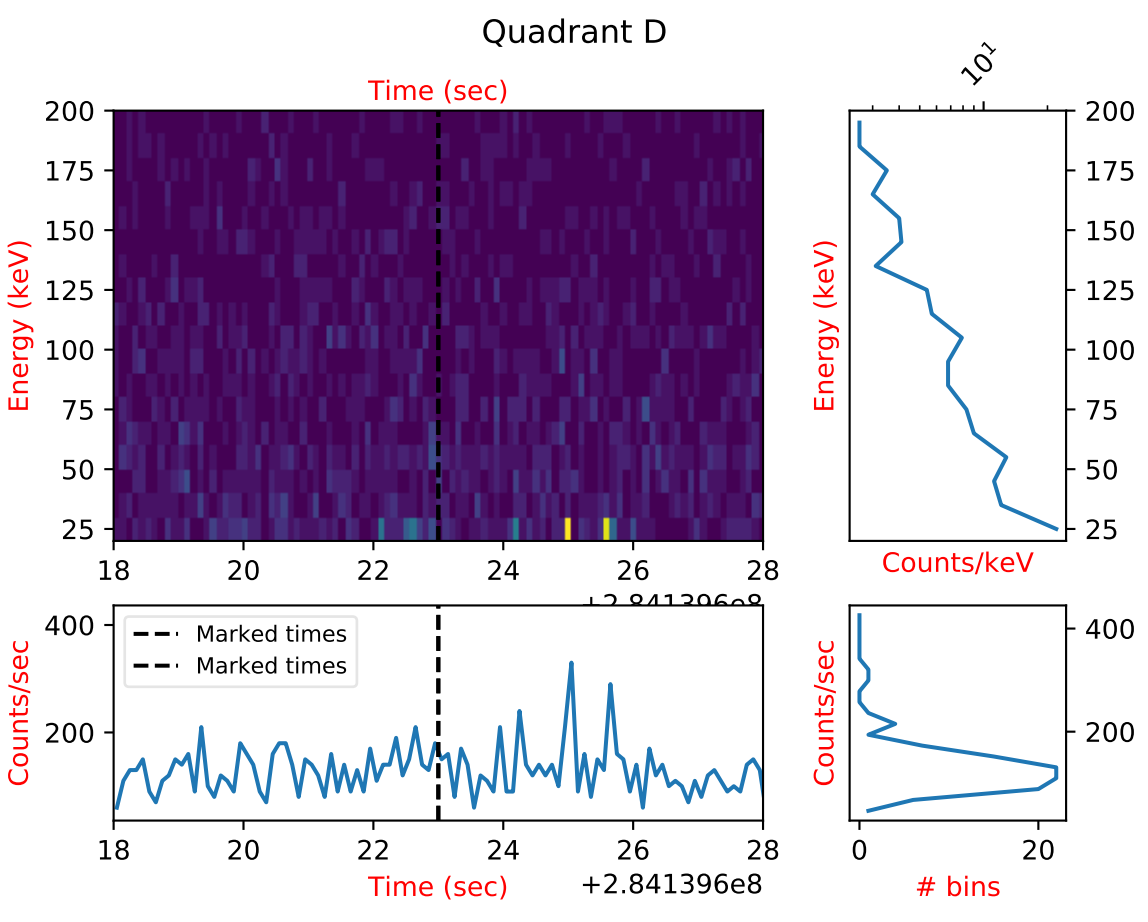

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
400
300
200
100
0
18
20
22
24
26
28
+2.841396e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)
+2.841396e8

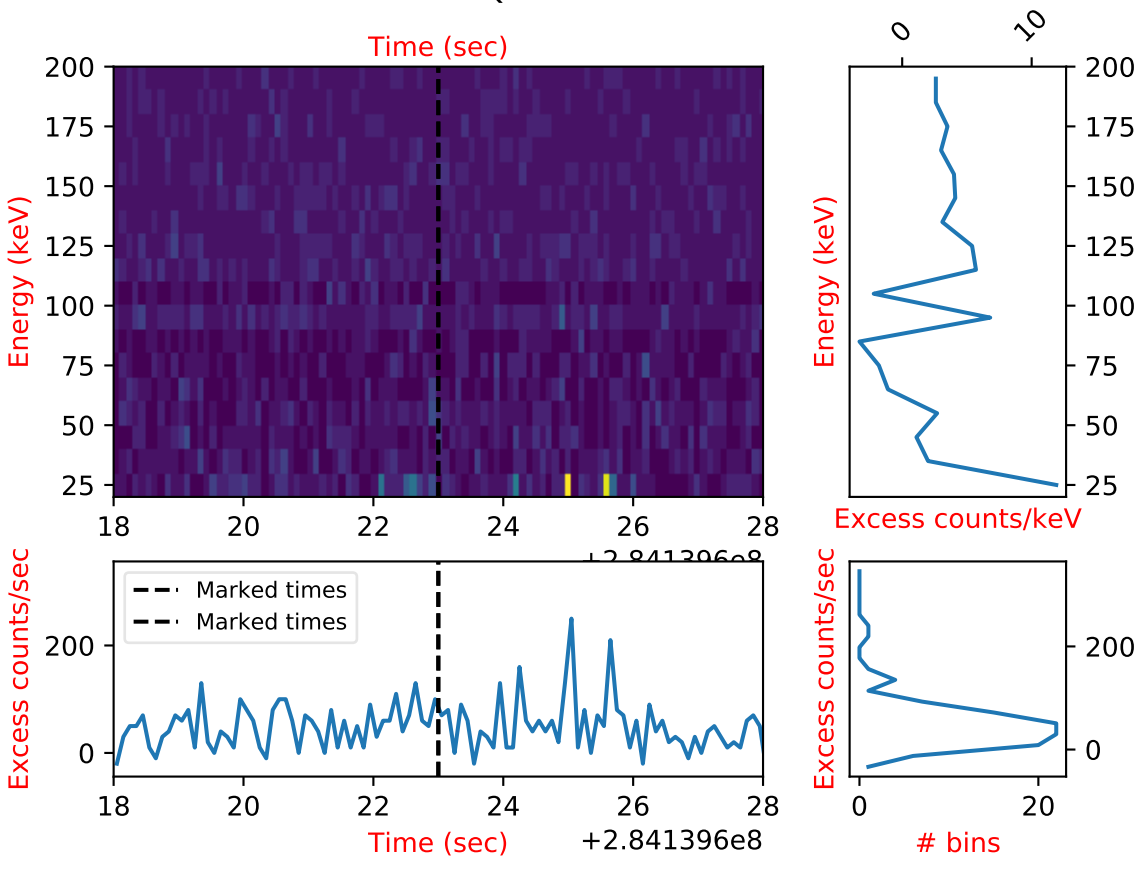

Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.841396e8

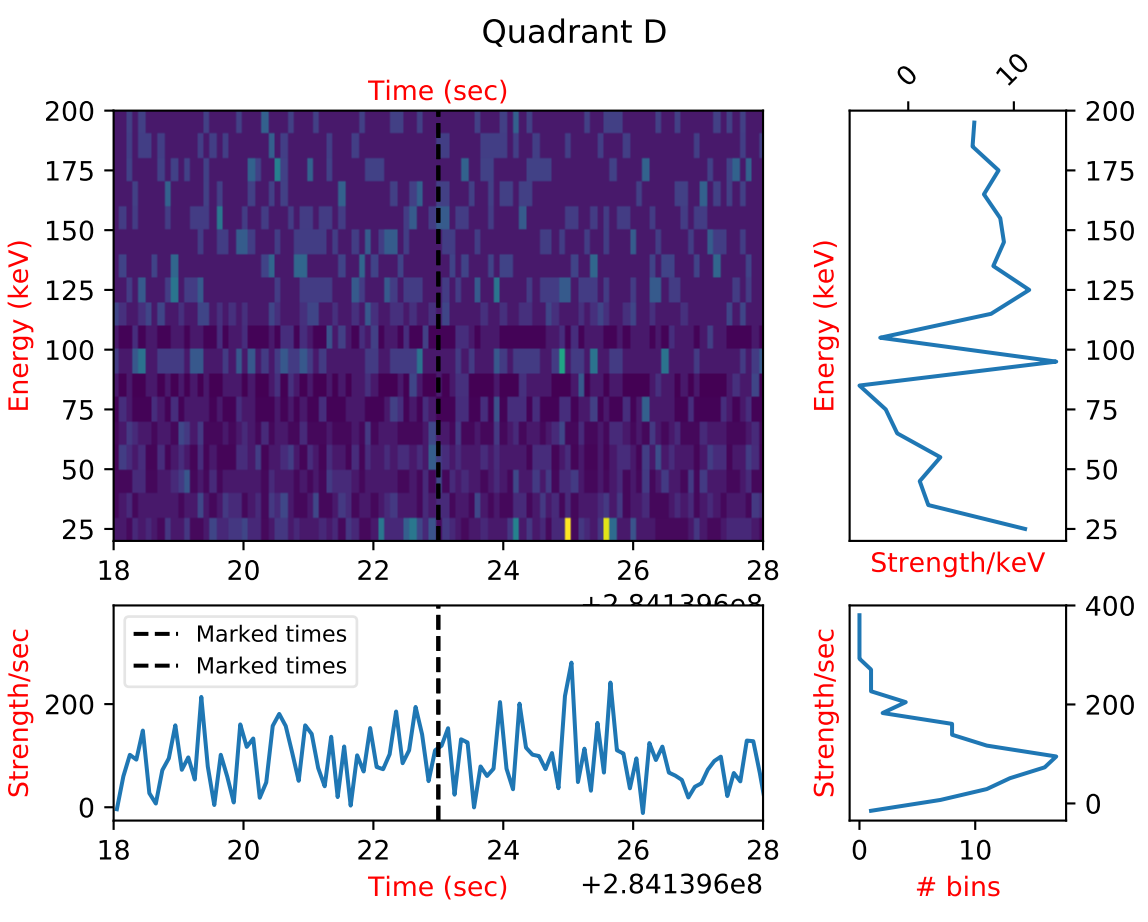

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
5
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.841396e8
bins

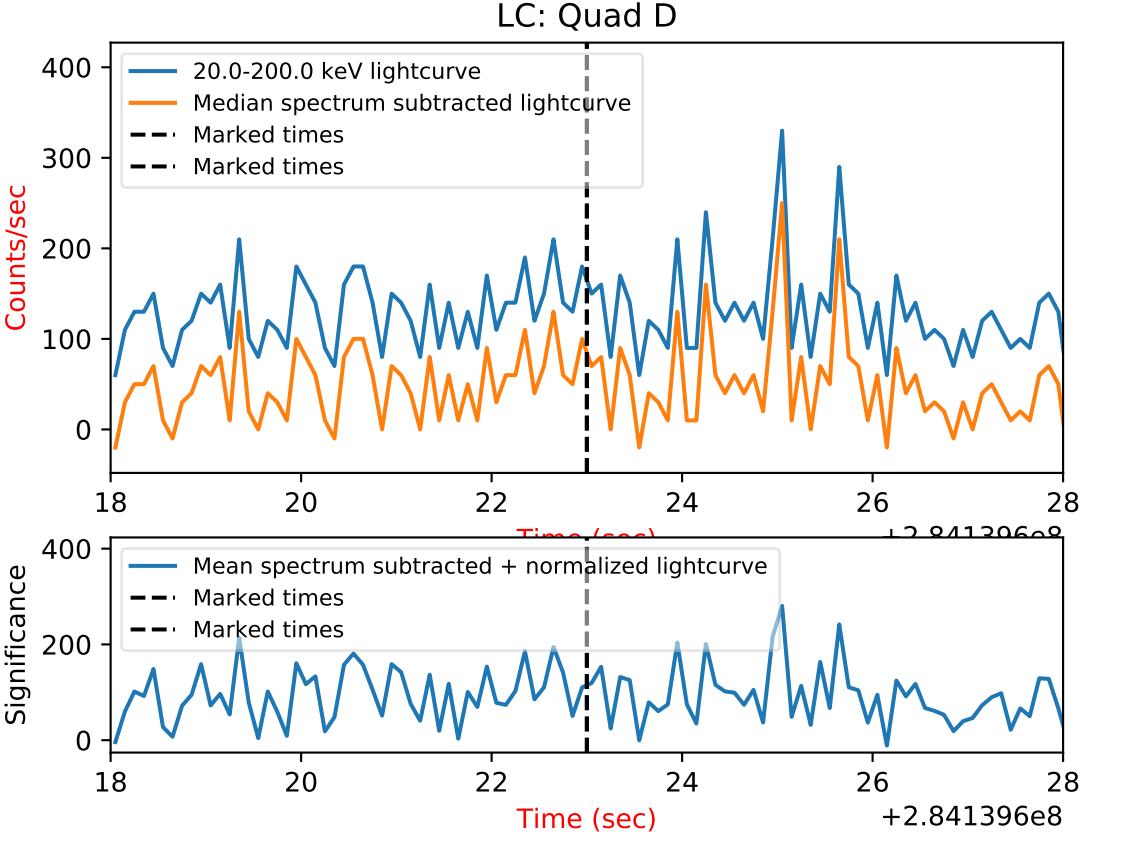

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
10
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.841396e8
bins

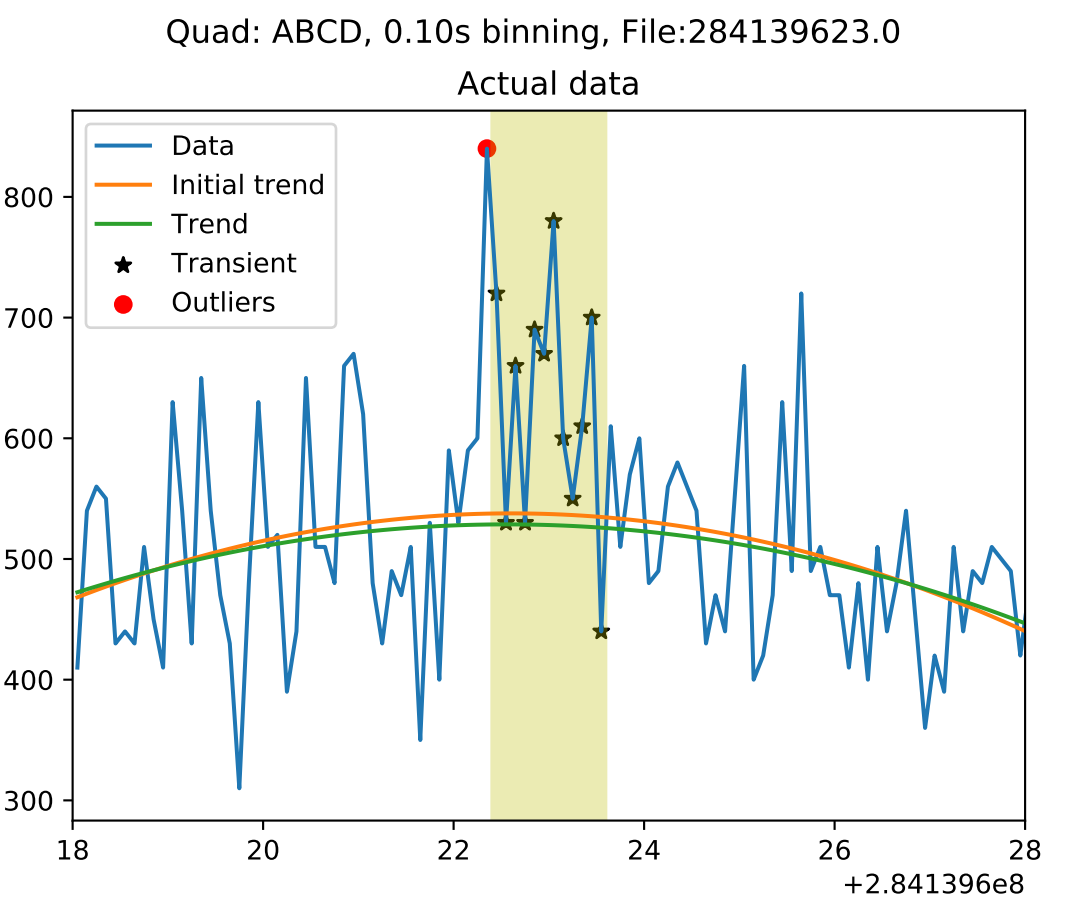

LC: Quad C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
300
250
200
150
100
50
0
18
20
22
24
26
28
+2.841396e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)

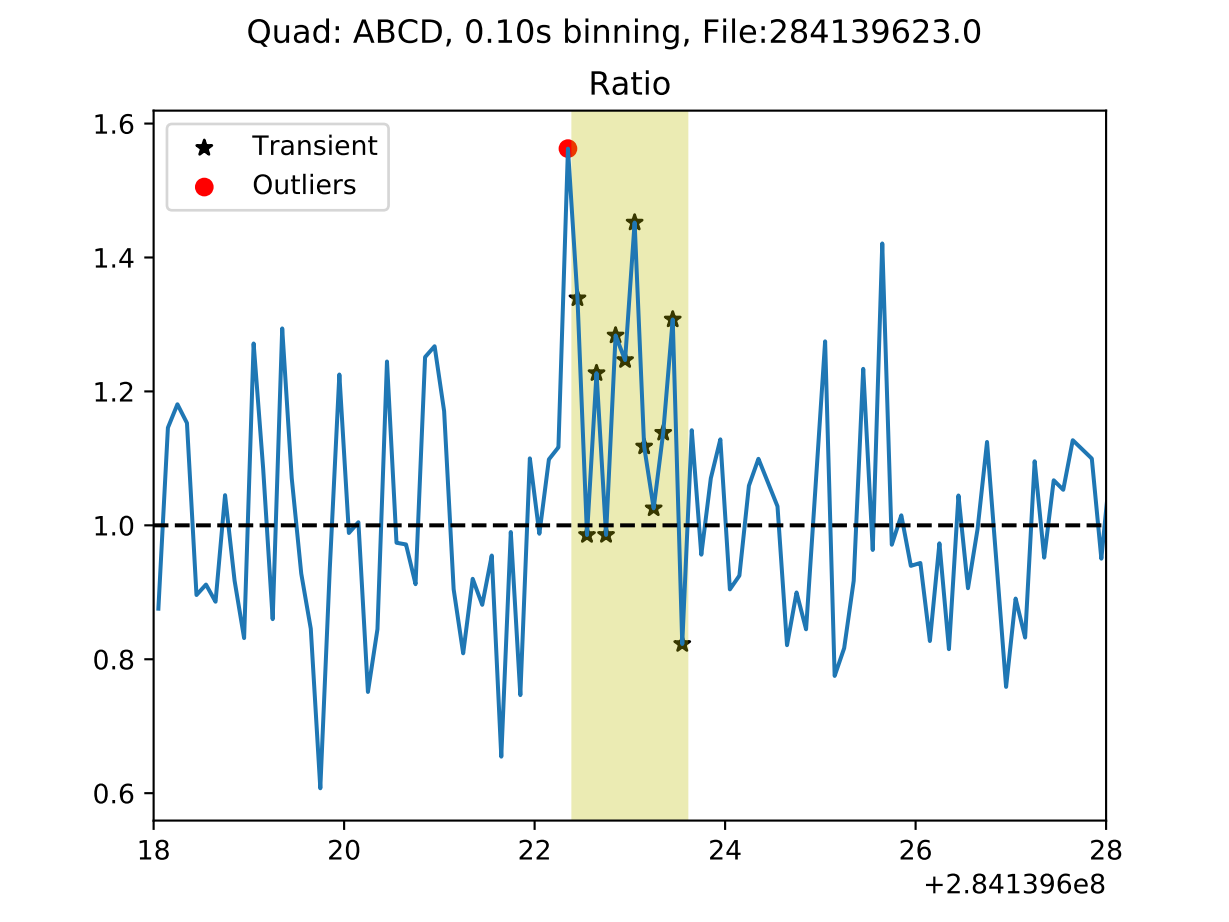

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
10^1
Counts/keV
Marked times
Marked times
Counts/sec
400
200
+2.841396e8
0
bins

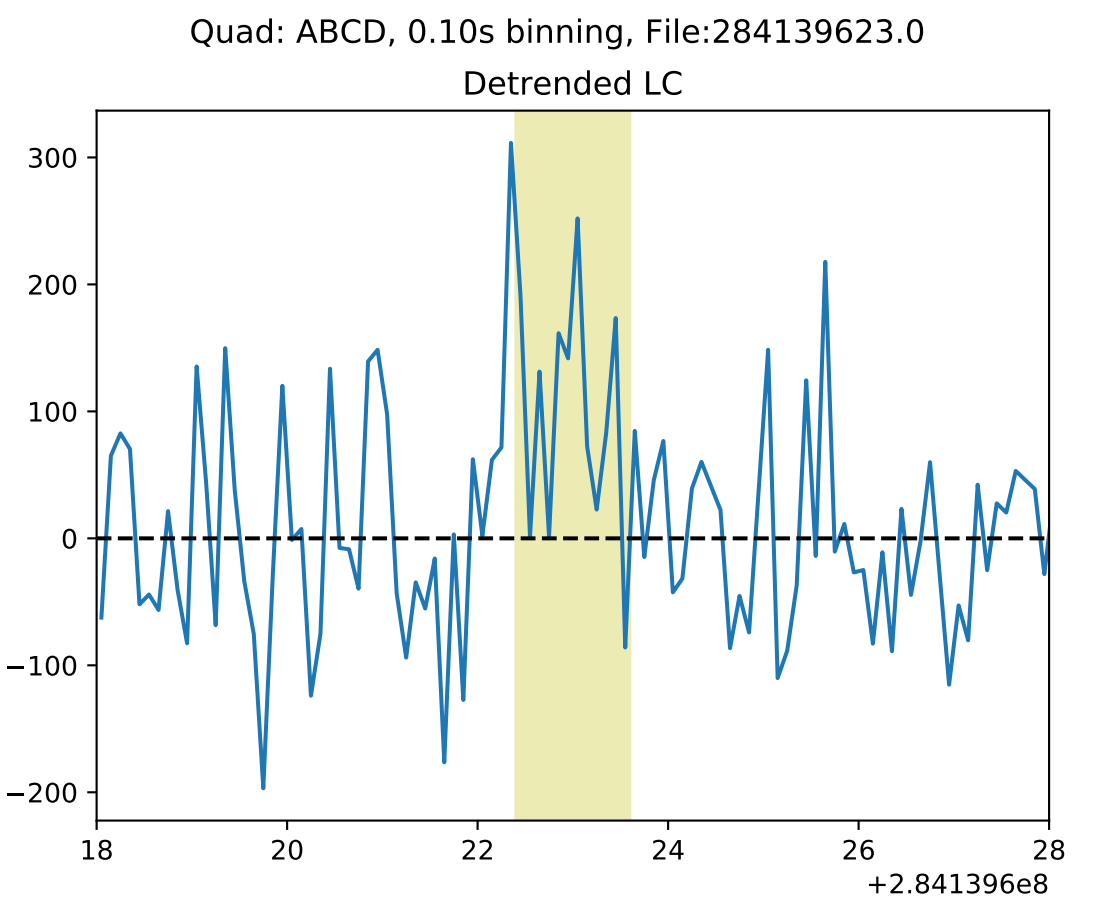

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.841396e8
bins

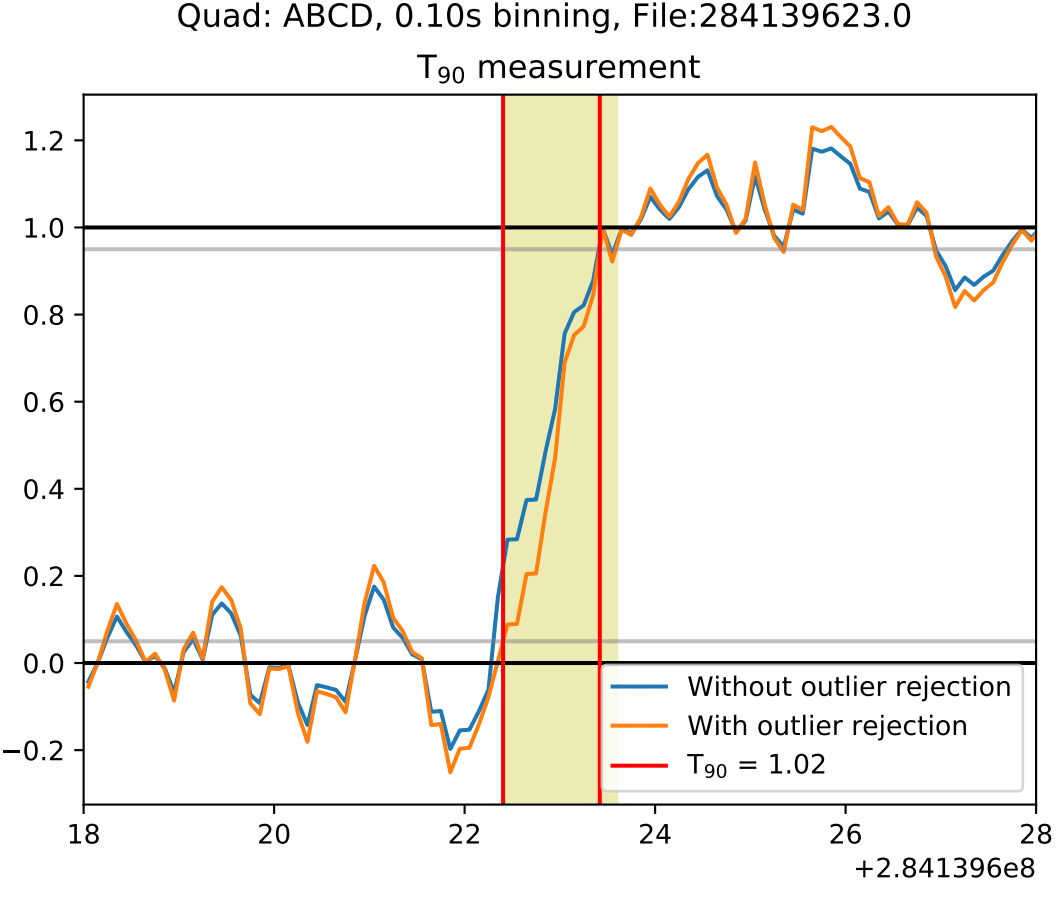

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
18
20
22
24
26
28
0
10
Strength/keV
Strength/sec
Marked times
Marked times
400
bins
+2.841396e8

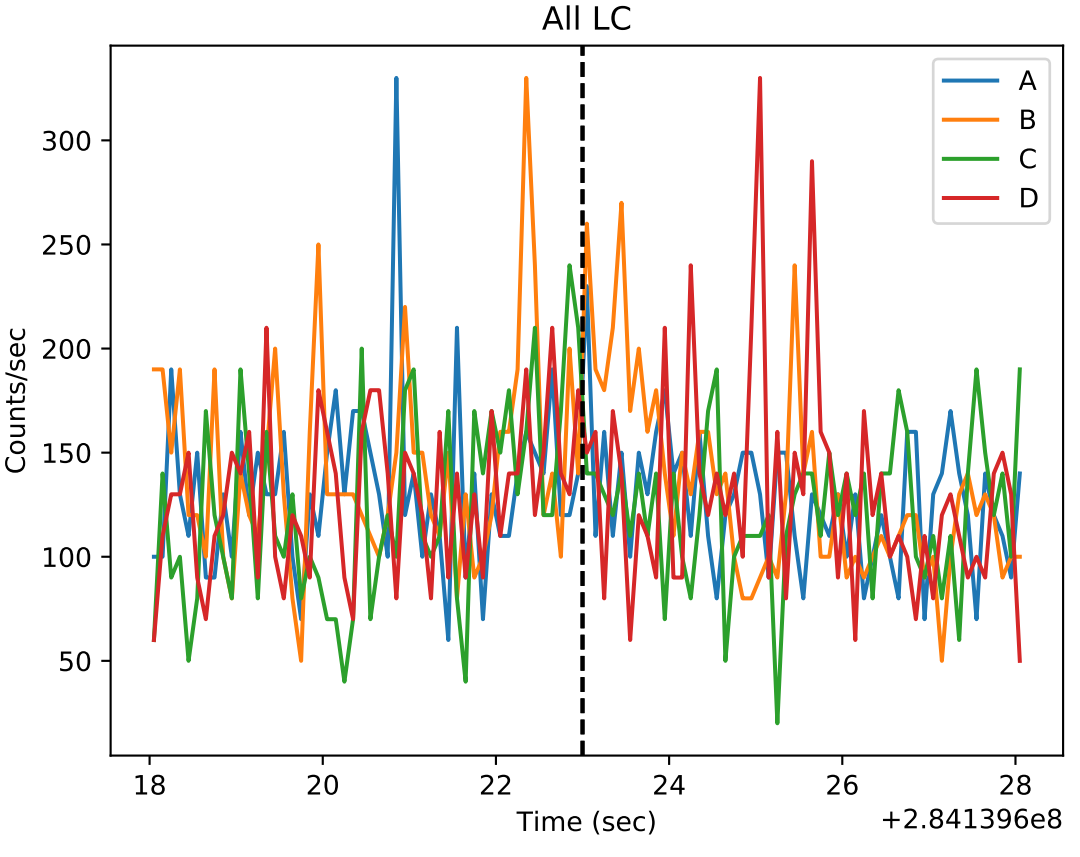

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
400
300
200
100
0
18
20
22
24
26
28
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)
+2.841396e8


Quad: ABCD, 0.10s binning, File:284139623.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
800
700
600
500
400
300
18
20
22
24
26
28
+2.841396e8


Quad: ABCD, 0.10s binning, File:284139623.0
Ratio
Transient
Outliers
1.6
1.4
1.2
1.0
0.8
0.6
18
20
22
24
26
28
+2.841396e8


Quad: ABCD, 0.10s binning, File:284139623.0
Detrended LC
300
200
100
0
−100
−200
18
20
22
24
26
28
+2.841396e8


Quad: ABCD, 0.10s binning, File:284139623.0
T90 measurement
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
18
20
22
24
26
28
+2.841396e8
Without outlier rejection
With outlier rejection
T90 = 1.02


All LC
A
B
C
D
300
250
200
150
100
50
Counts/sec
18
20
22
24
26
28
Time (sec)
+2.841396e8