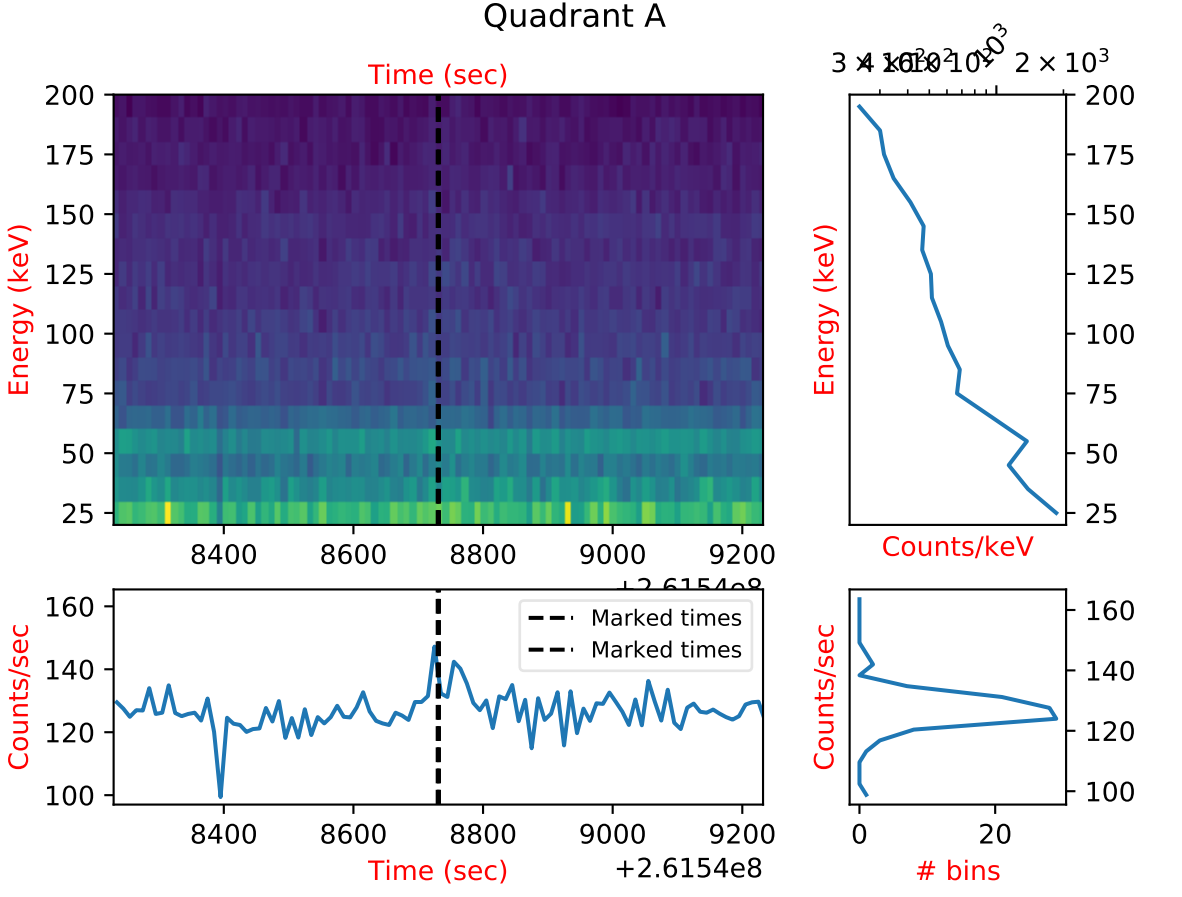
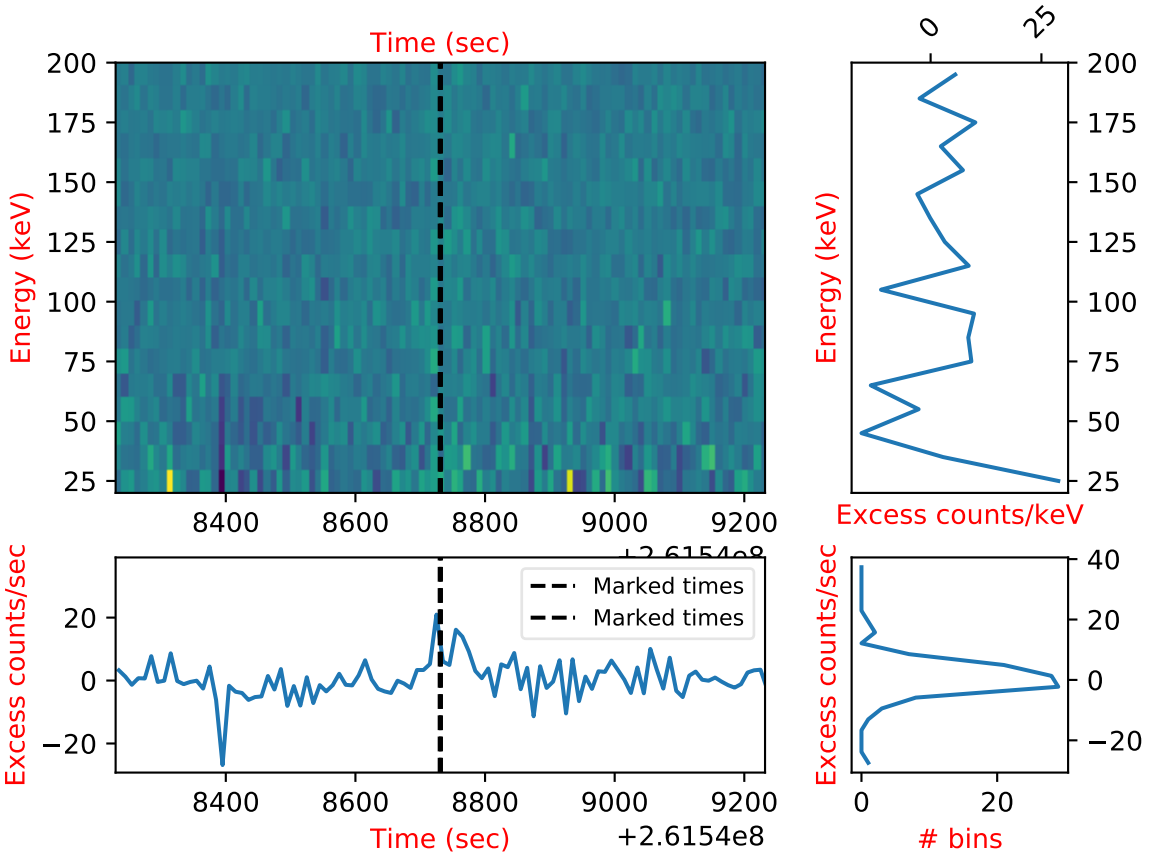
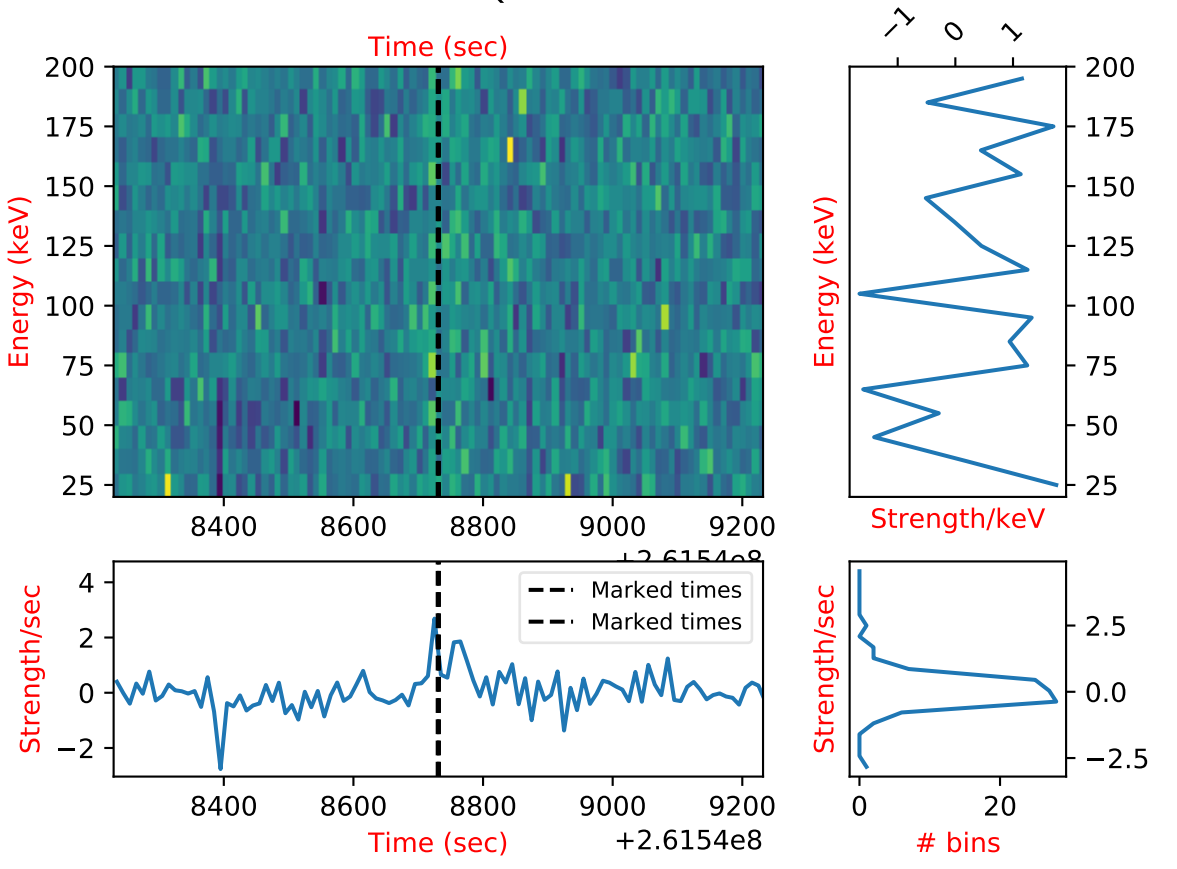
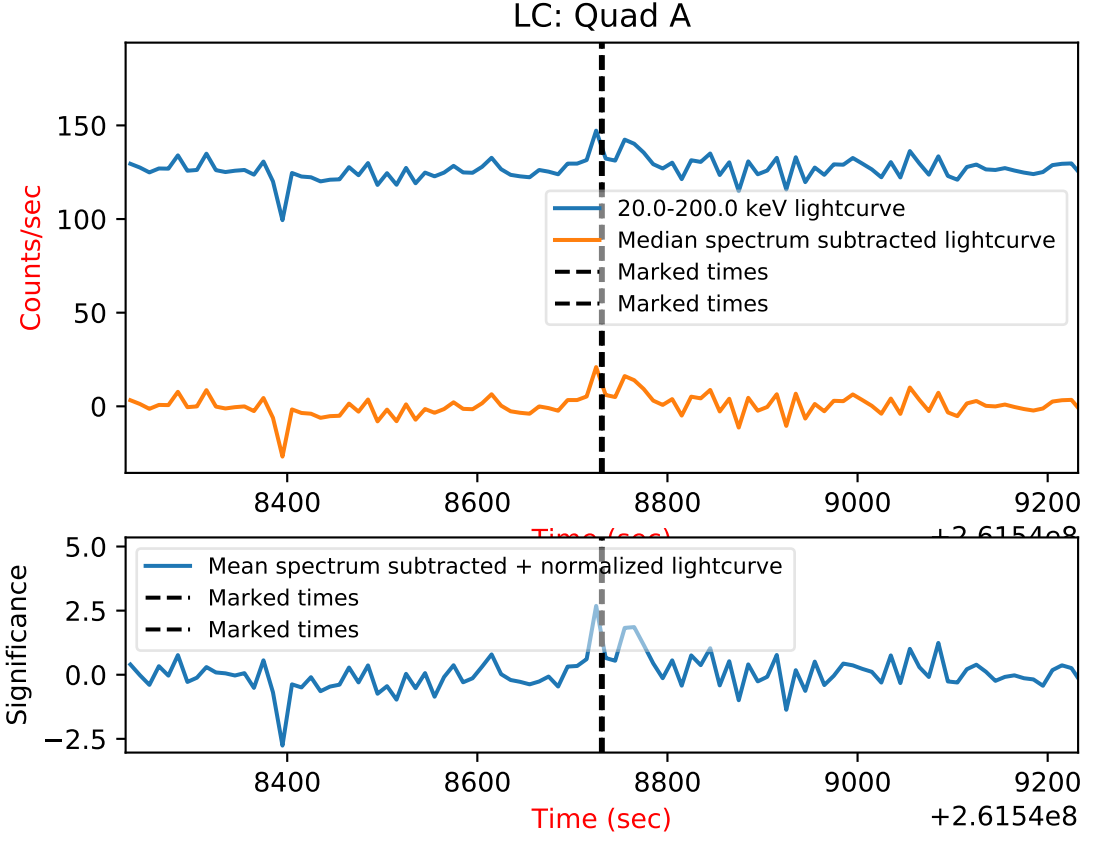
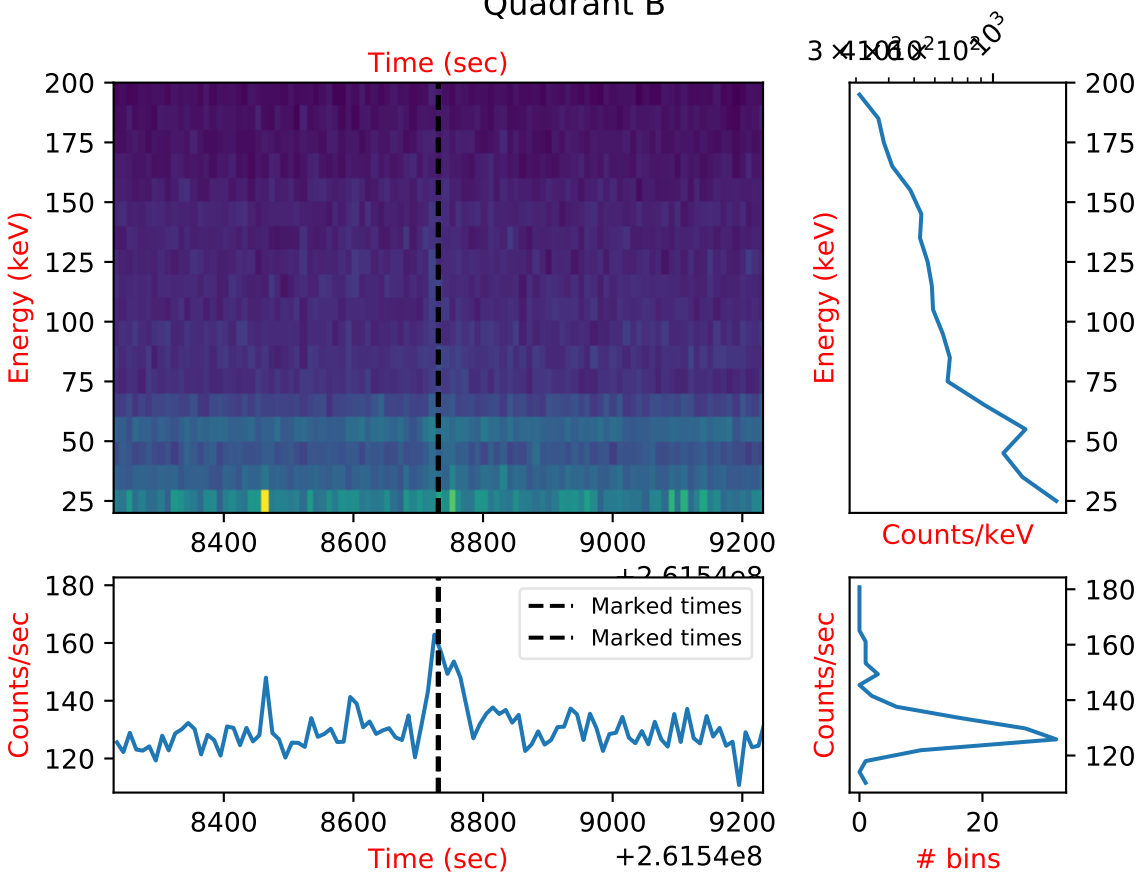
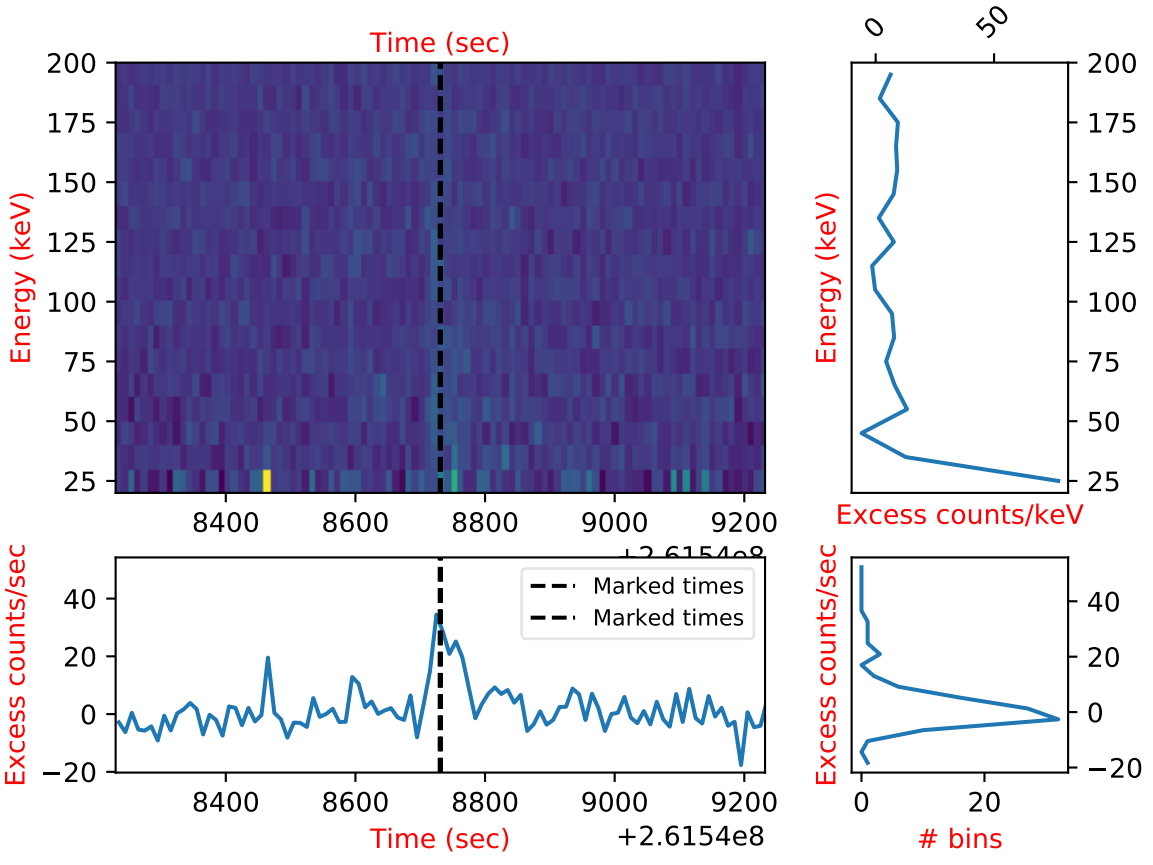

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
Counts/keV
Counts/sec
160
140
120
100
Marked times
Marked times
0
20
bins

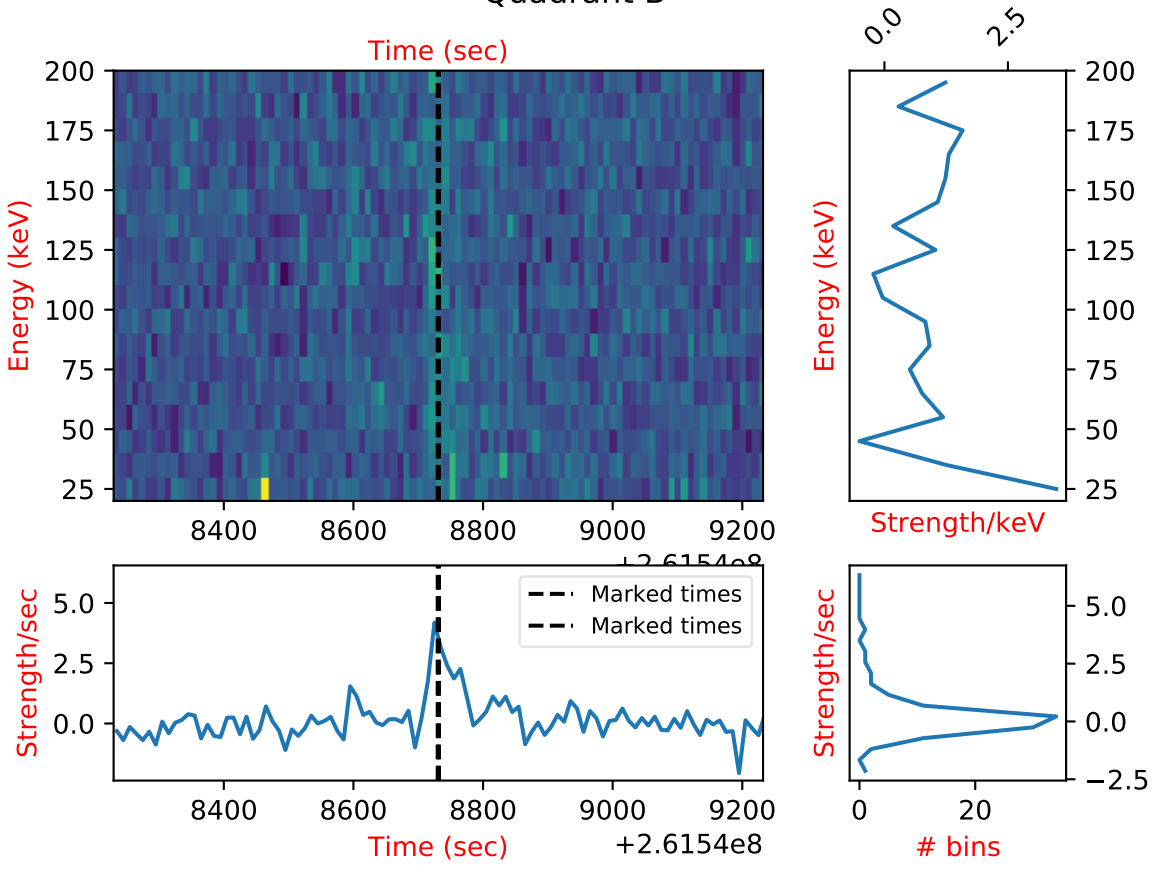

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
0
25
Excess counts/keV
Excess counts/sec
Marked times
Marked times
20
0
−20
40
bins

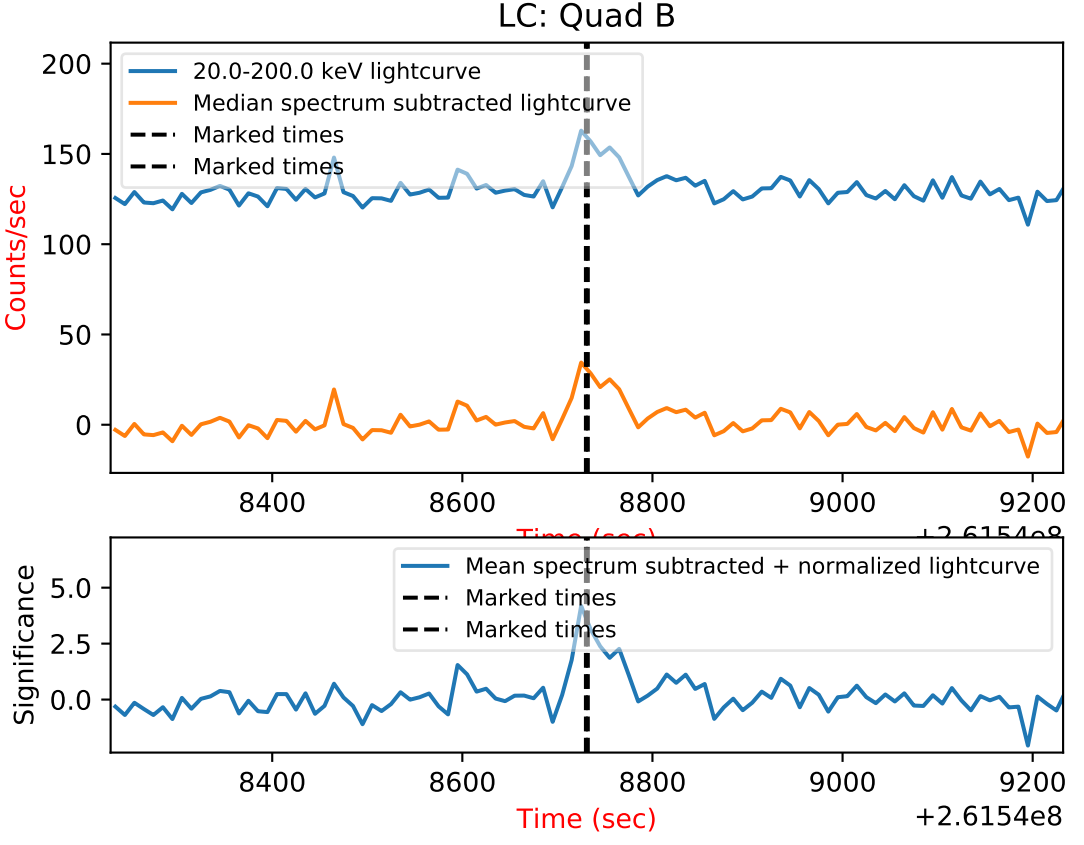

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
−1
0
1
Strength/keV
Strength/sec
4
2
0
−2
Marked times
Marked times
2.5
0.0
−2.5
bins
20
+2.6154e8

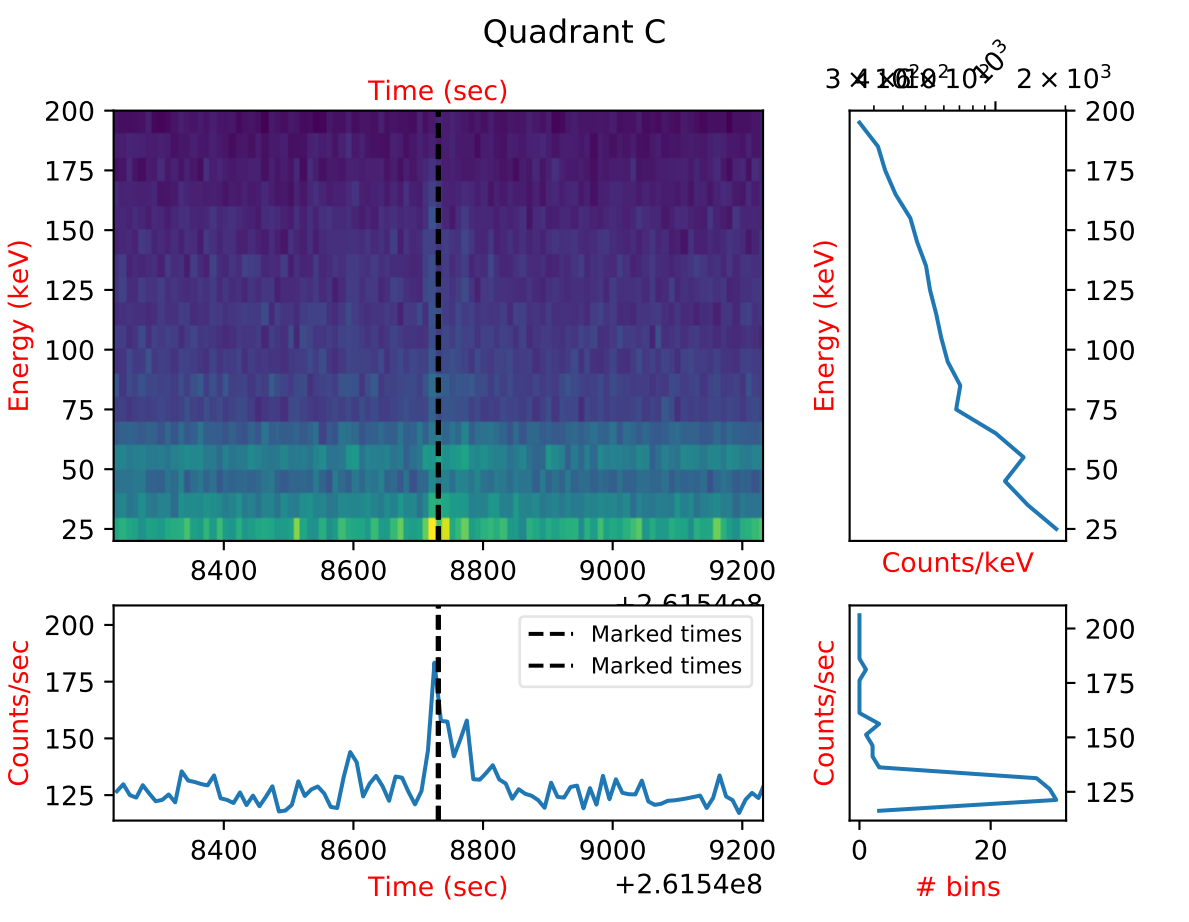

LC: Quad A
Counts/sec
150
100
50
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
8400
8600
8800
9000
9200
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
5.0
2.5
0.0
−2.5
Time (sec)
+2.6154e8

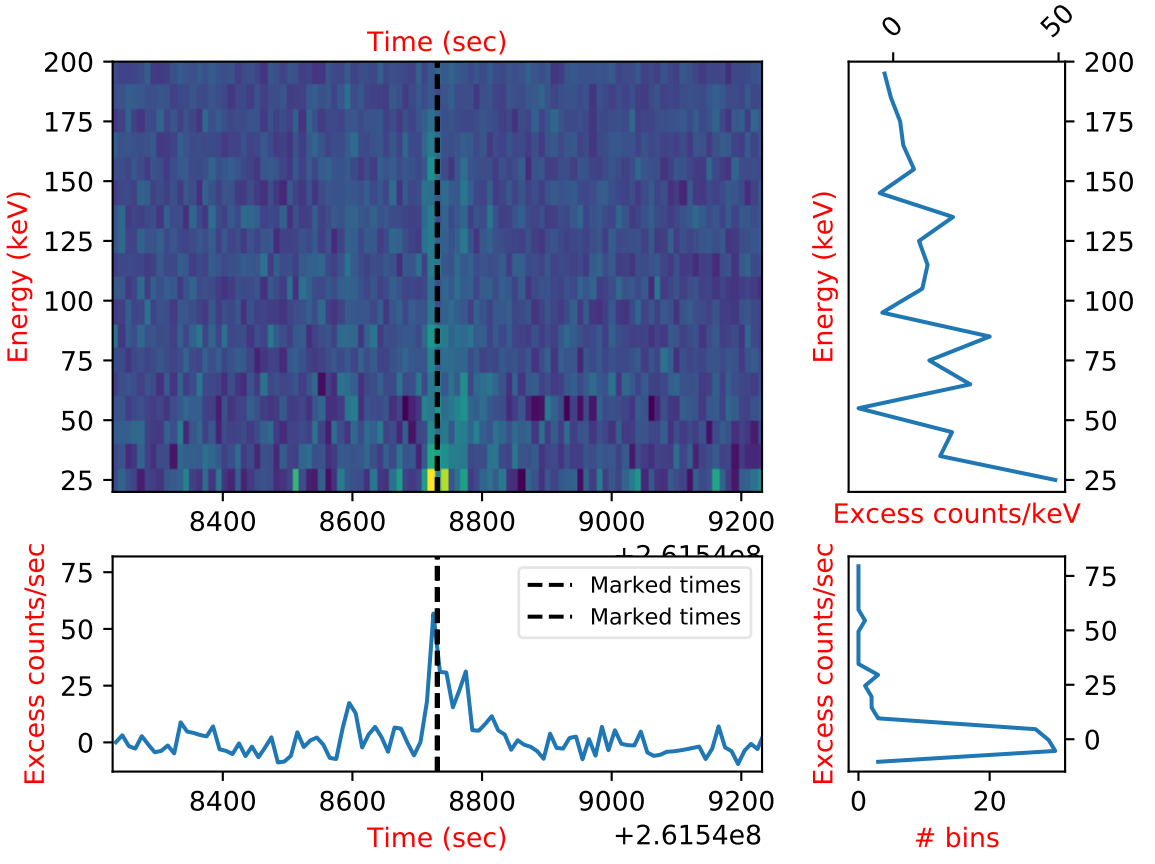

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
Counts/keV
Counts/sec
Marked times
Marked times
180
160
140
120
0
20
bins
+2.6154e8

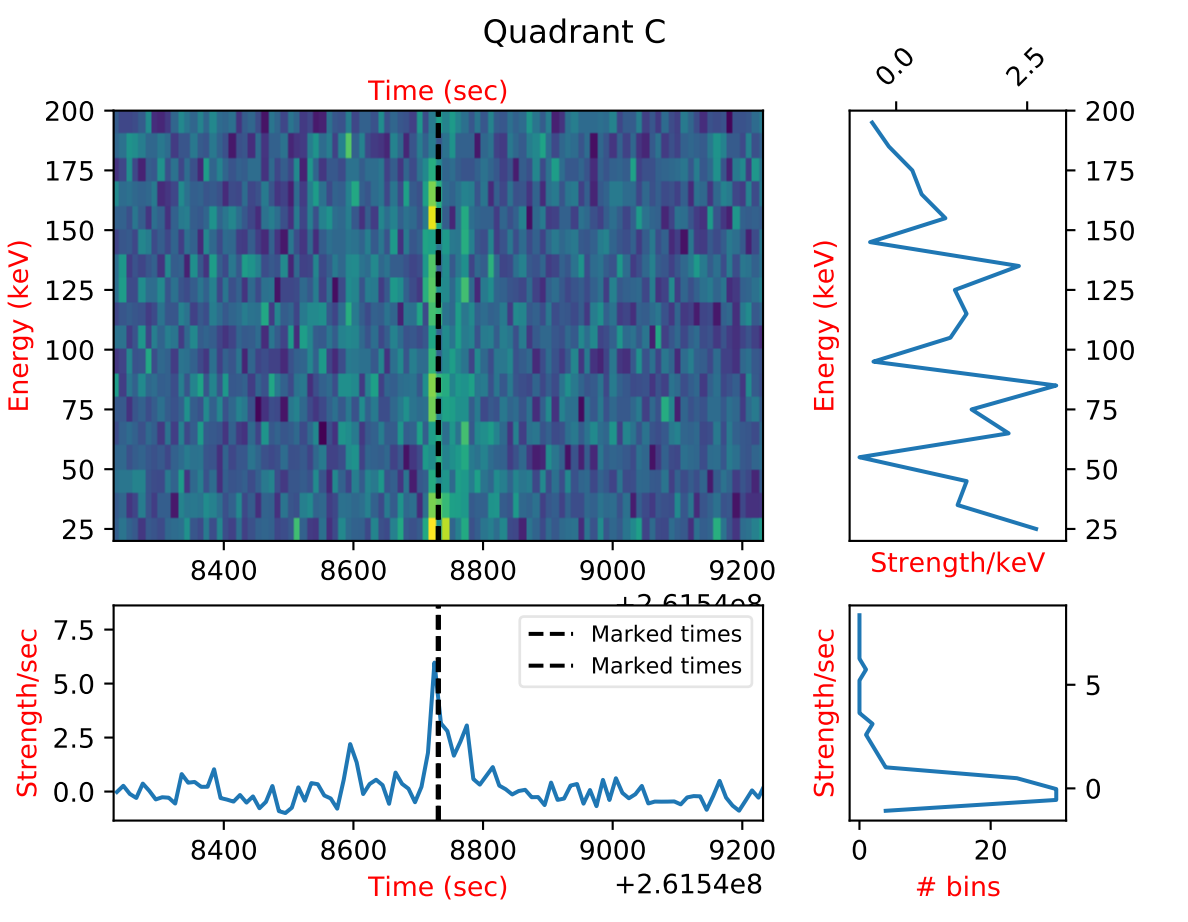

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
0
50
Excess counts/keV
Excess counts/sec
40
20
0
−20
Marked times
Marked times
+2.6154e8
bins

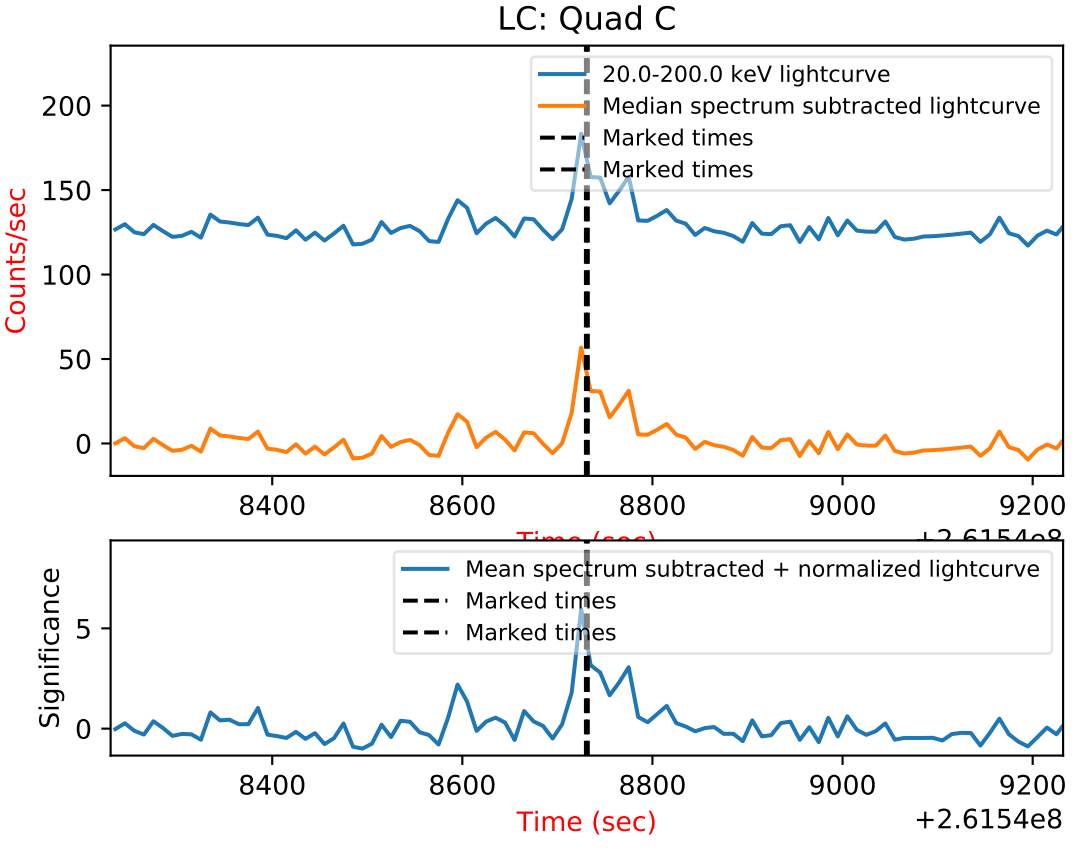

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
0.0
2.5
Strength/keV
Strength/sec
5.0
2.5
0.0
Marked times
Marked times
−2.5
0
20
bins

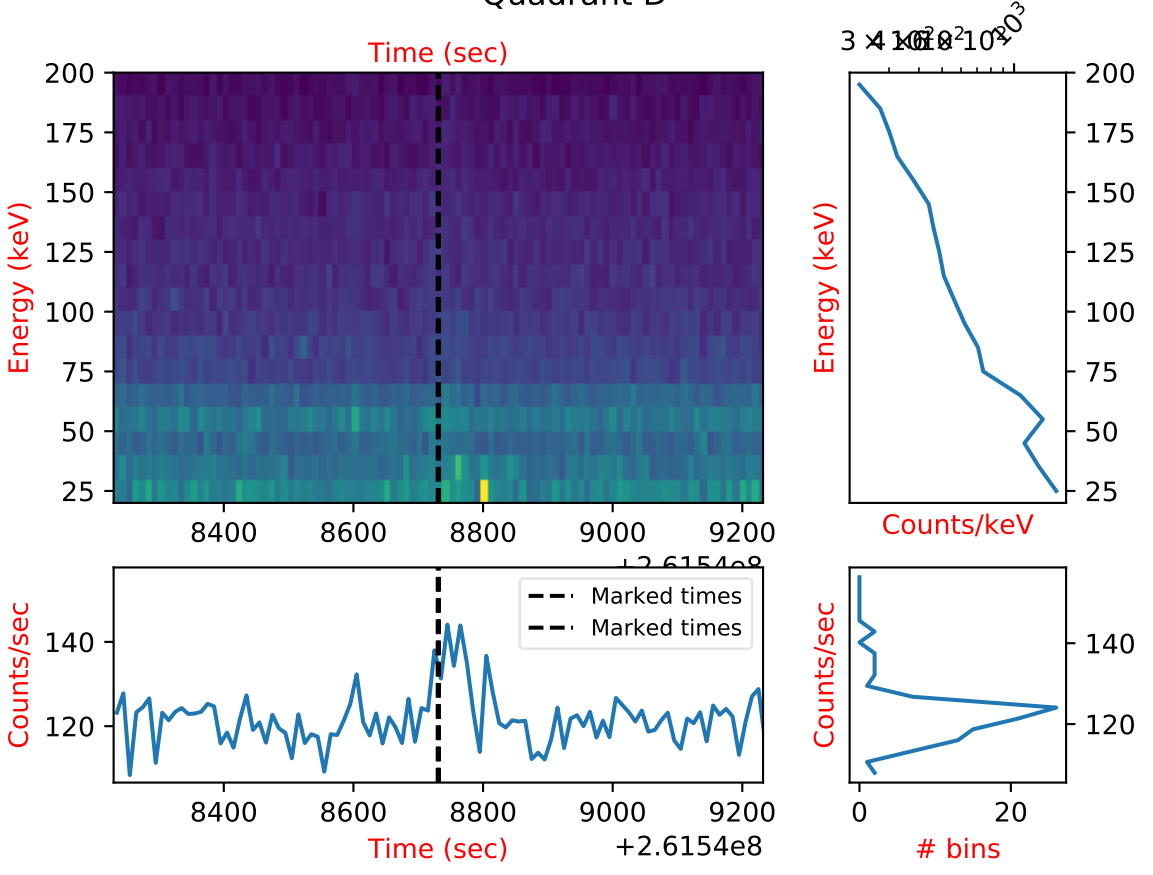

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
200
150
100
50
0
8400
8600
8800
9000
9200
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
5.0
2.5
0.0
Time (sec)
+2.6154e8

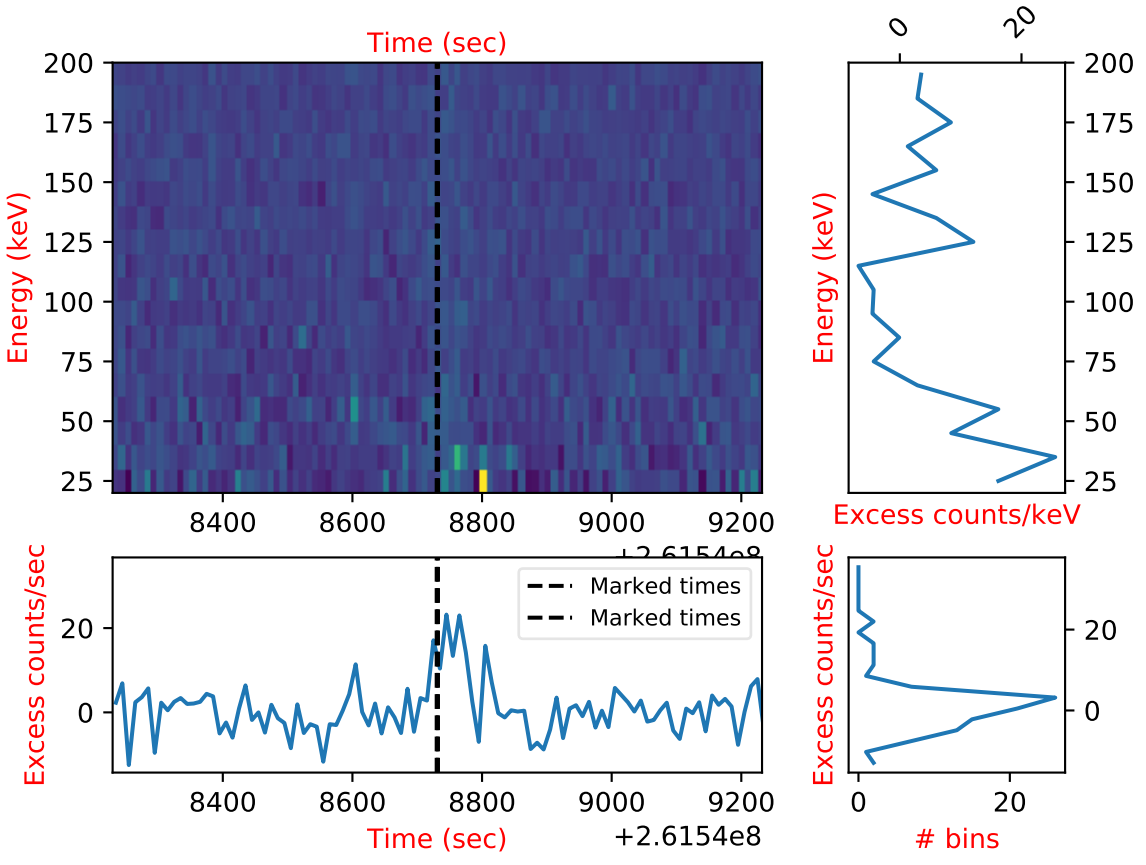

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
Counts/keV
Counts/sec
Marked times
Marked times
bins
0
20

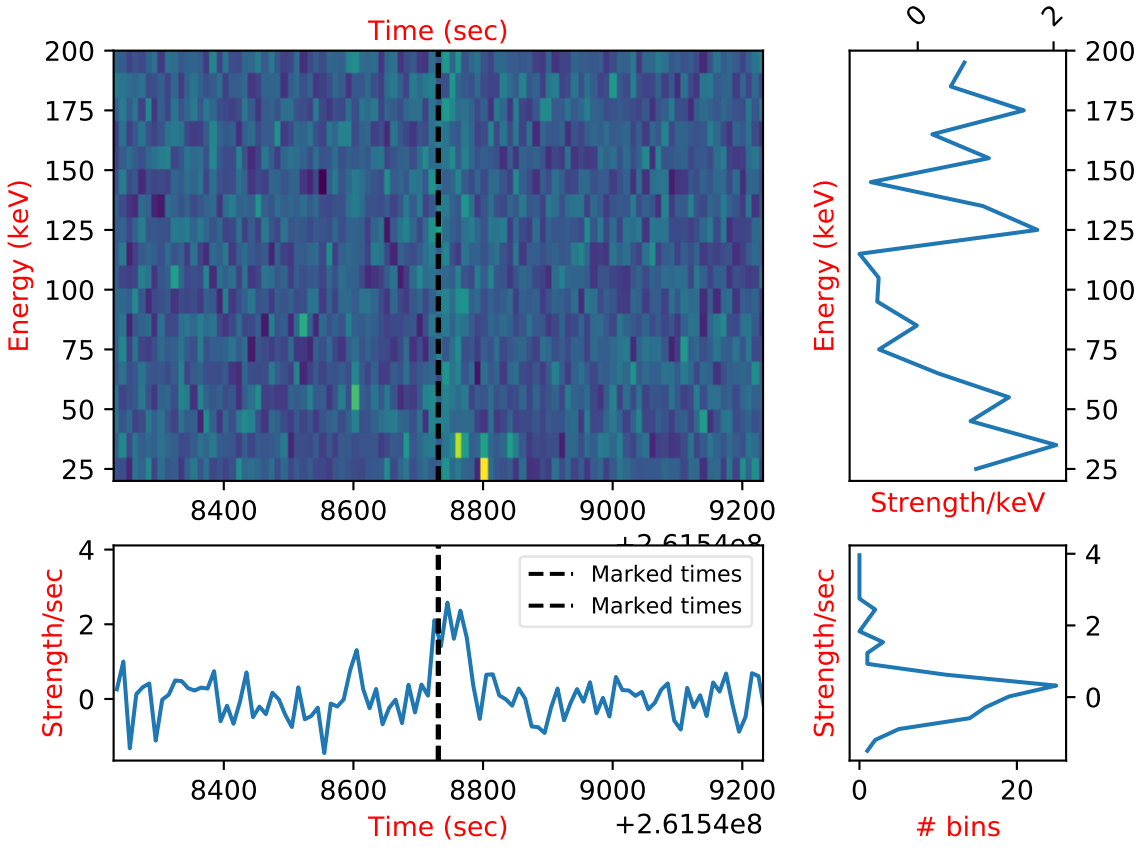

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
0
50
Excess counts/keV
Excess counts/sec
75
50
25
0
Marked times
Marked times
20
bins

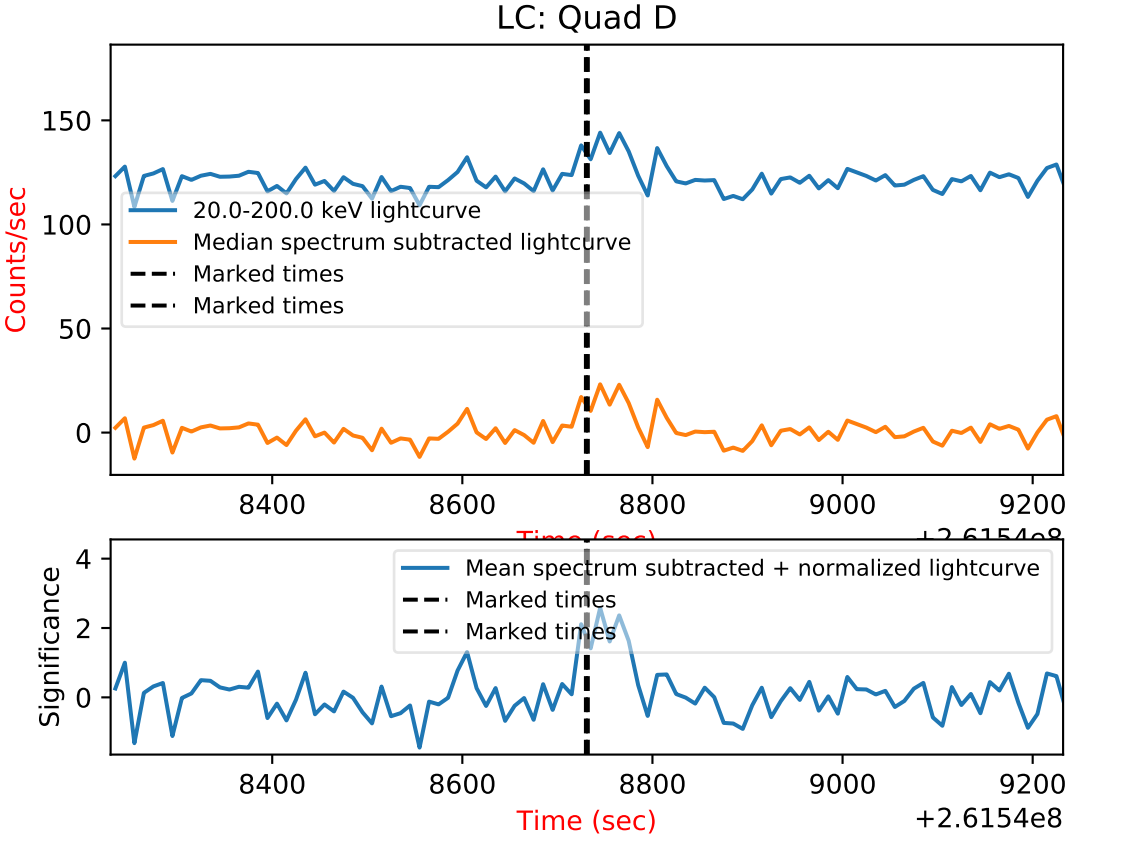

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
0.0
2.5
Strength/keV
Strength/sec
7.5
5.0
2.5
0.0
Marked times
Marked times
Time (sec)
+2.6154e8
0
20
bins

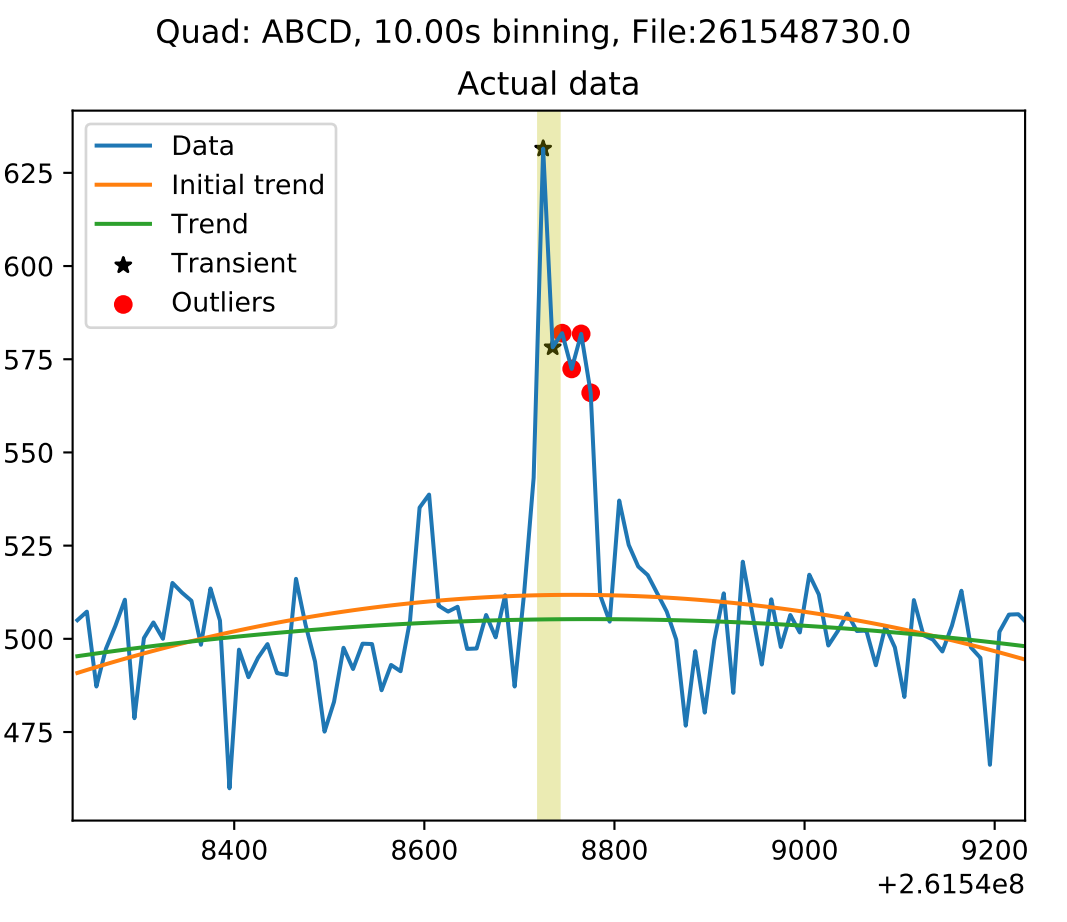

LC: Quad C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
200
150
100
50
0
8400
8600
8800
9000
9200
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
5
0
8400
8600
8800
9000
9200
Time (sec)
+2.6154e8

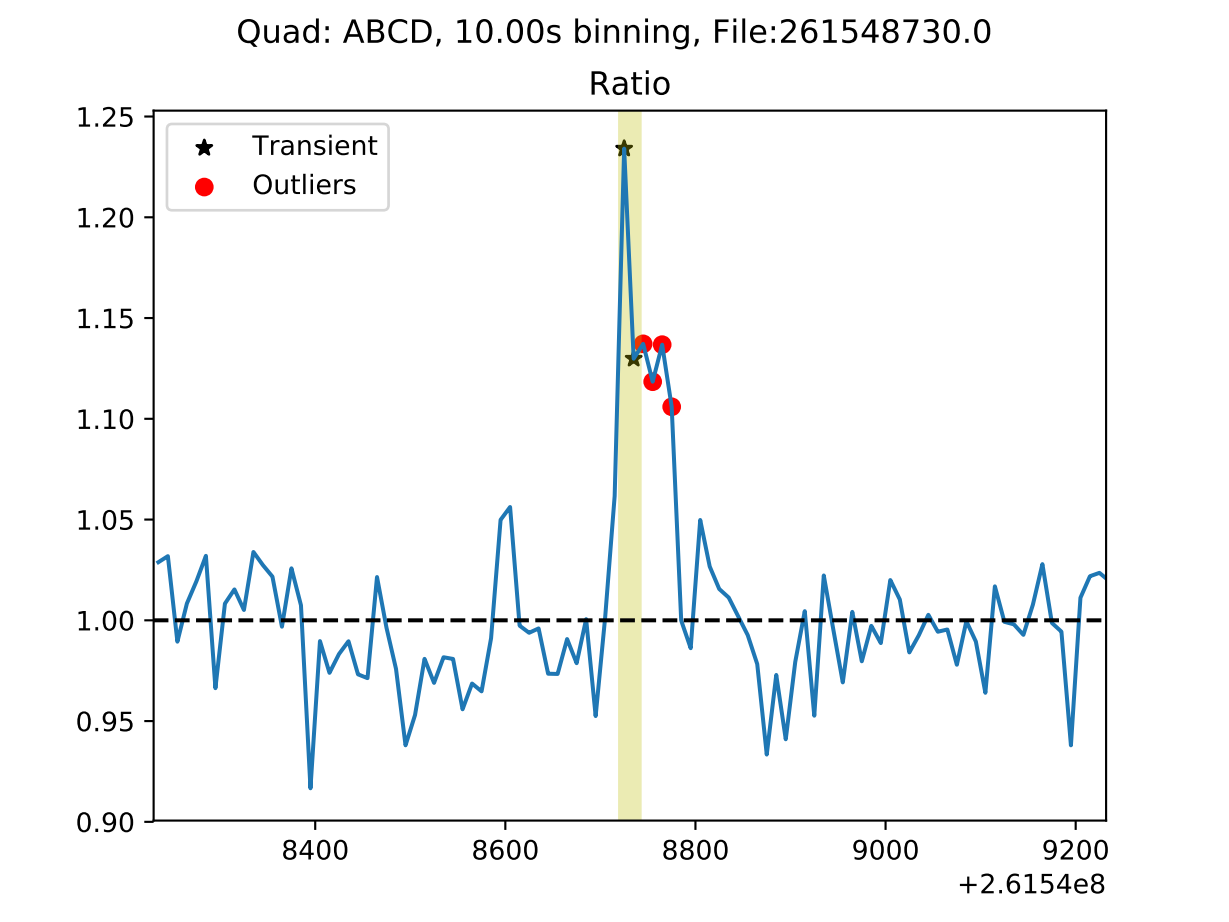

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
Counts/keV
Counts/sec
Marked times
Marked times
140
120
0
20
bins
+2.6154e8

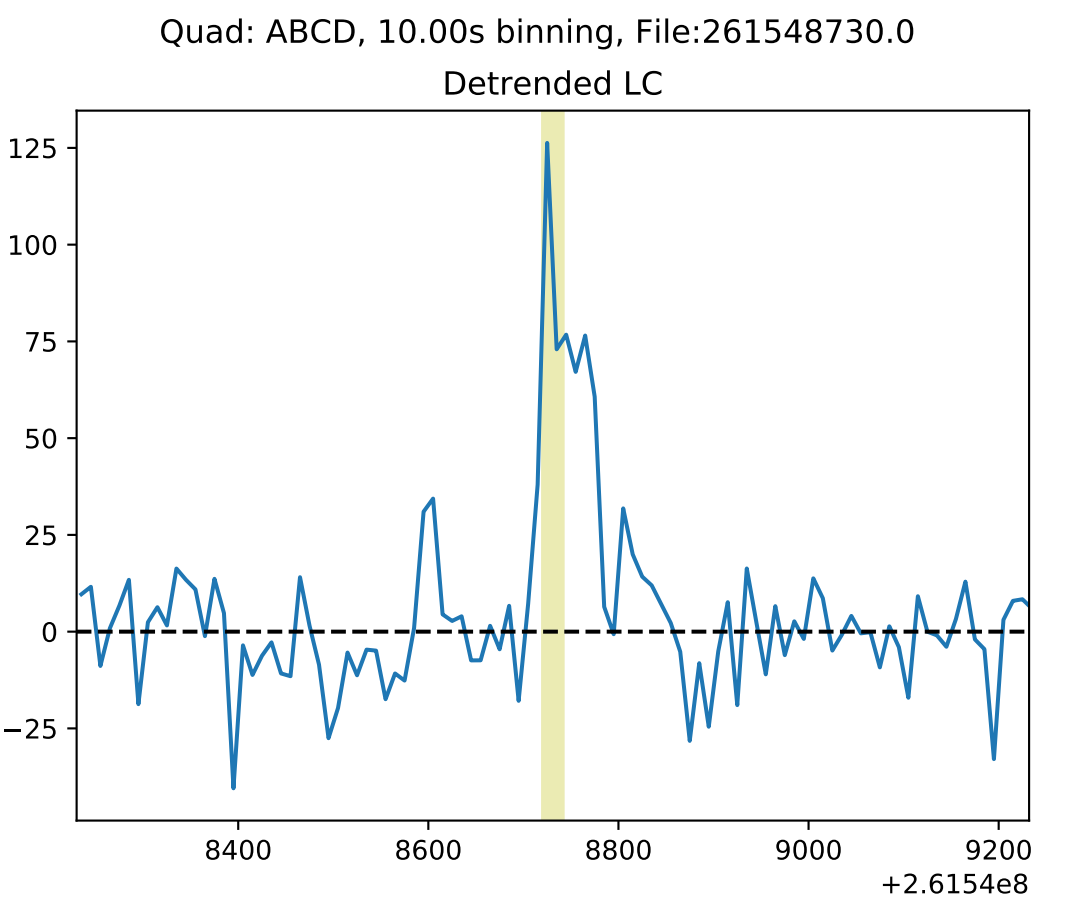

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
Marked times
bins

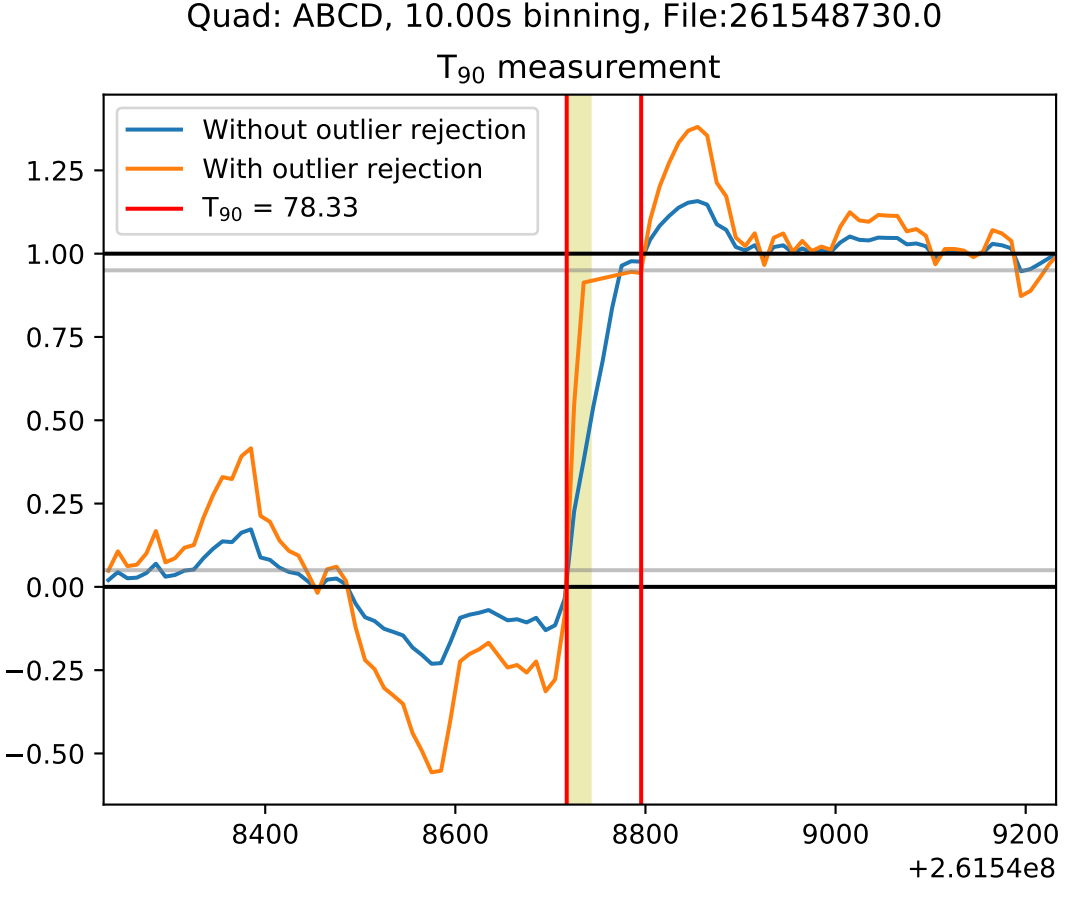

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
8400
8600
8800
9000
9200
+2.6154e8
0
2
Strength/keV
Strength/sec
4
2
0
Marked times
Marked times
20
bins

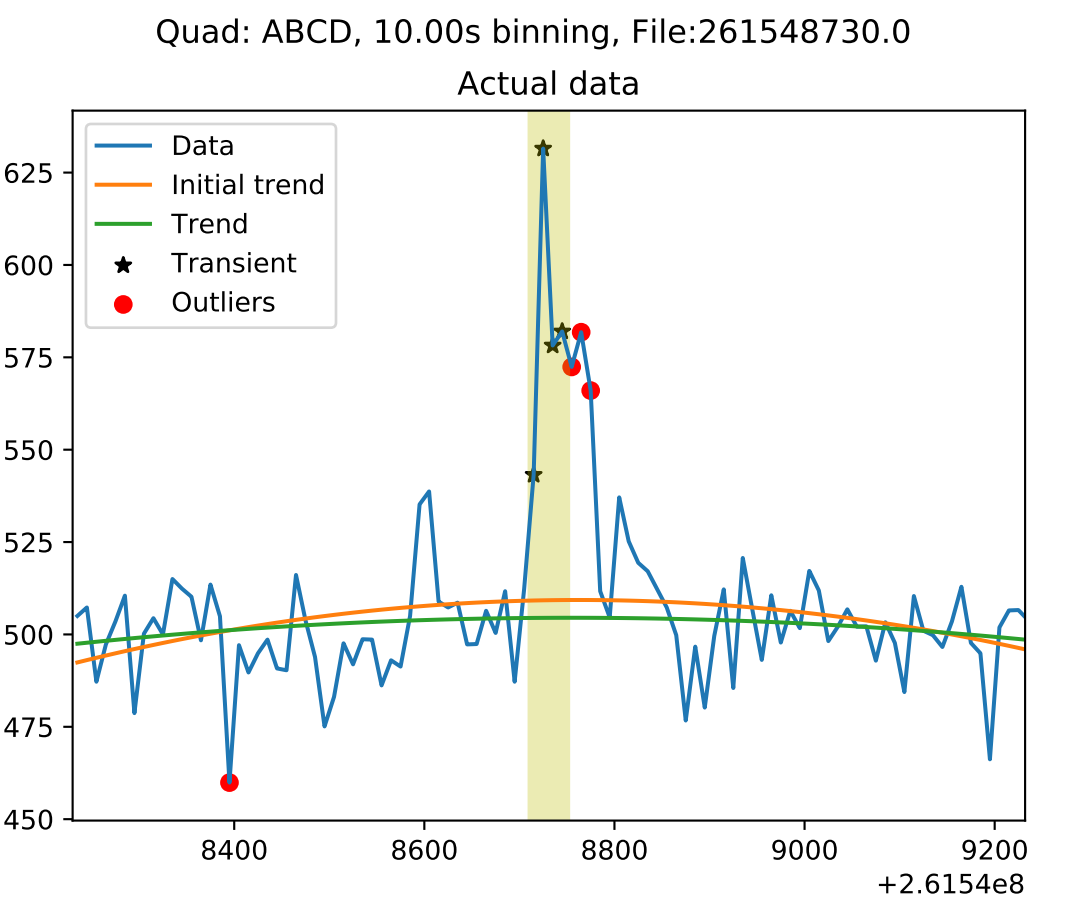

LC: Quad D
Counts/sec
150
100
50
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
8400
8600
8800
9000
9200
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
4
2
0
Time (sec)
+2.6154e8

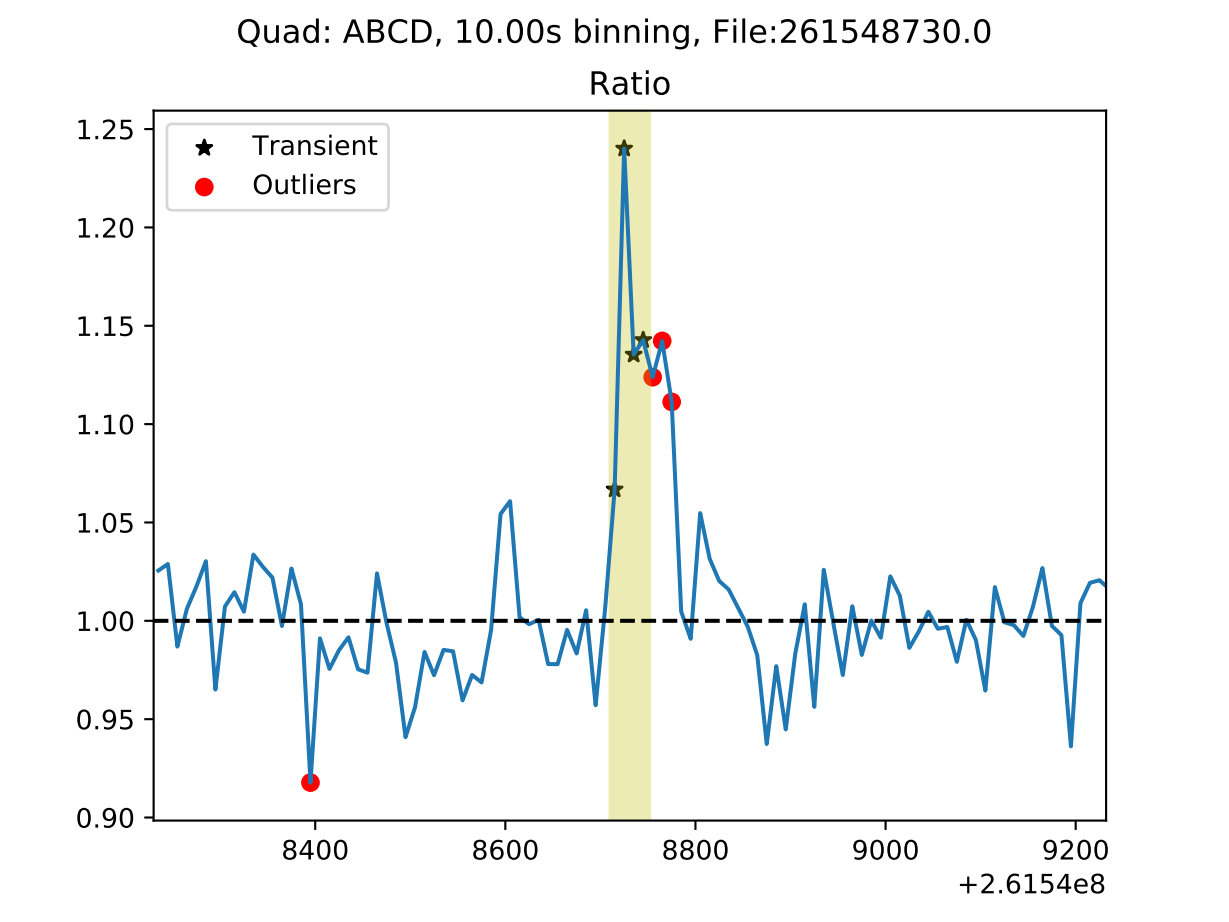

Quad: ABCD, 10.00s binning, File:261548730.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
625
600
575
550
525
500
475
8400
8600
8800
9000
9200
+2.6154e8

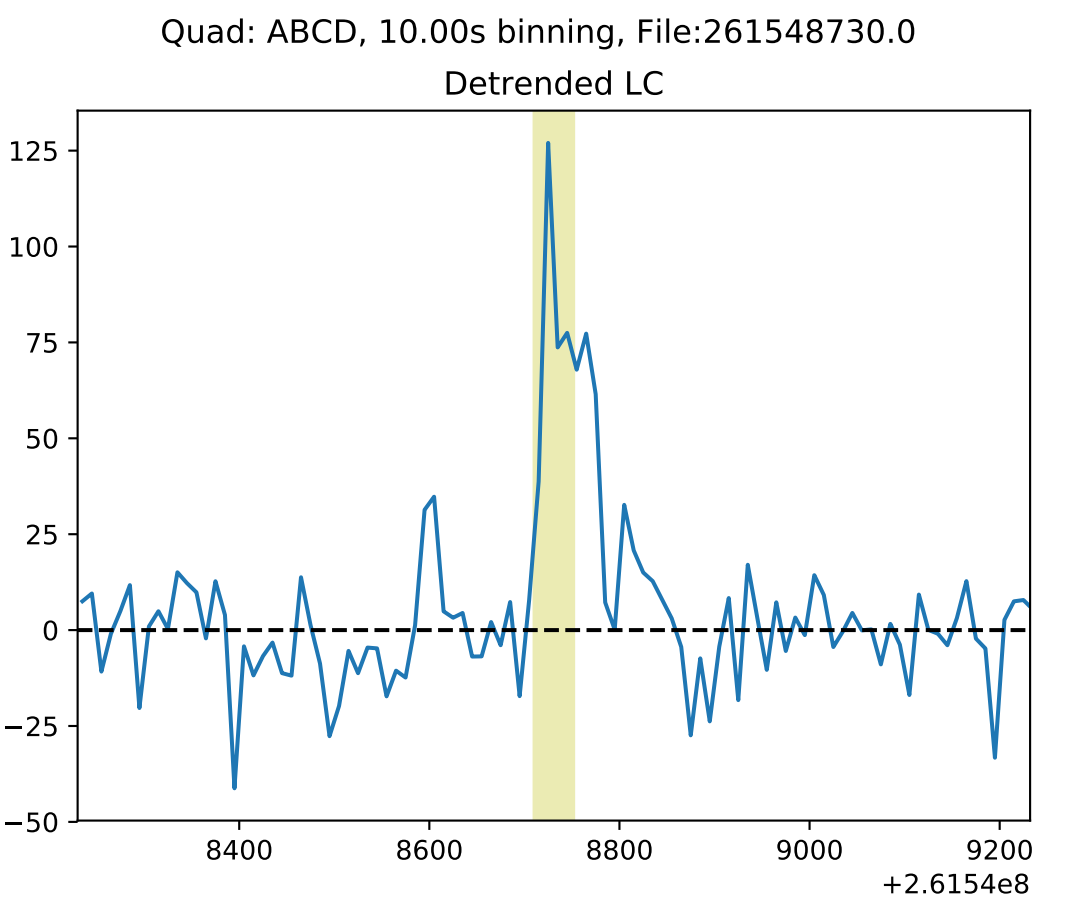

Quad: ABCD, 10.00s binning, File:261548730.0
Ratio
Transient
Outliers
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
8400
8600
8800
9000
9200
+2.6154e8

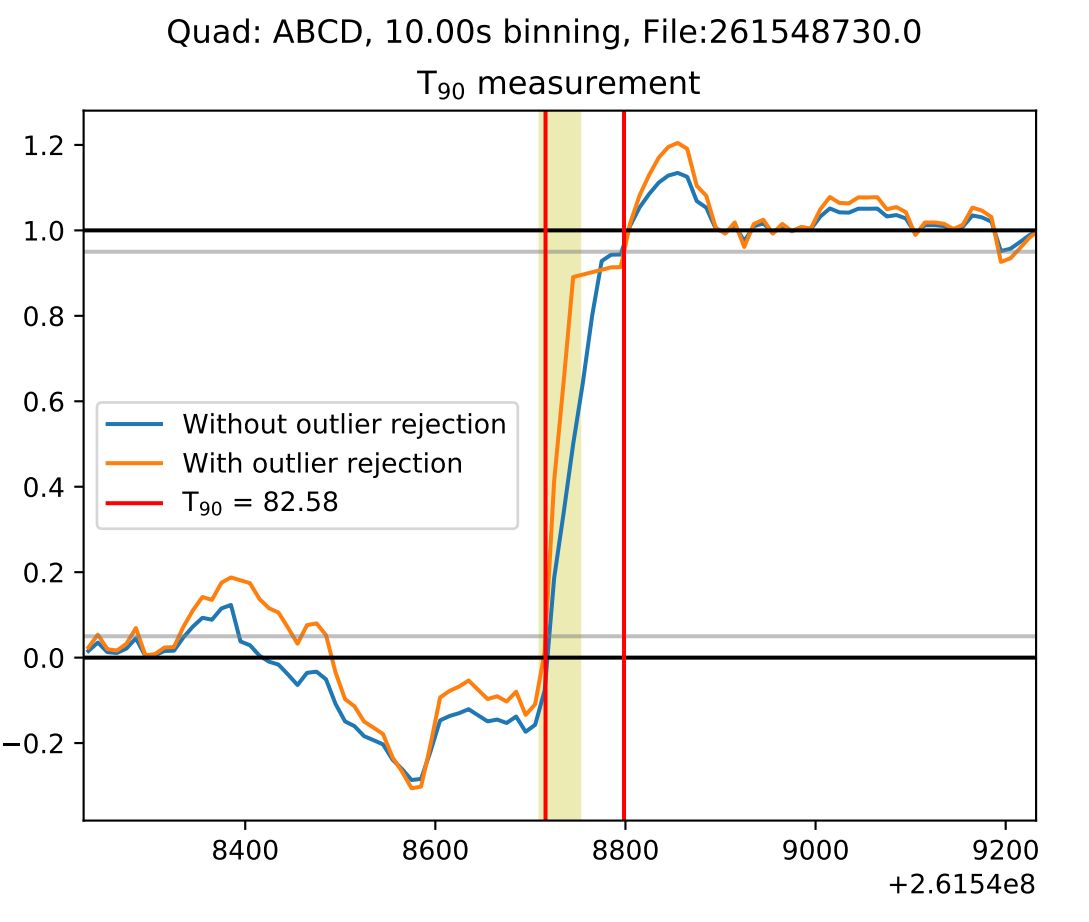

Quad: ABCD, 10.00s binning, File:261548730.0
Detrended LC
125
100
75
50
25
0
−25
8400
8600
8800
9000
9200
+2.6154e8

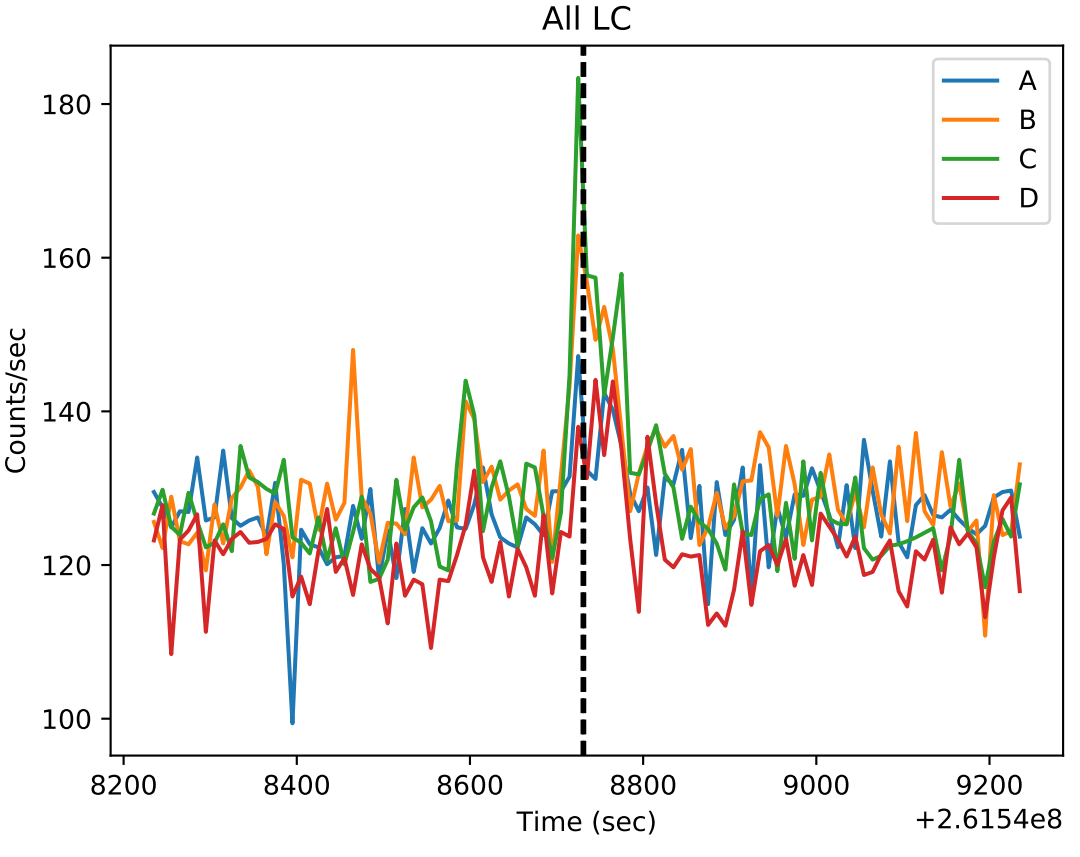

Quad: ABCD, 10.00s binning, File:261548730.0
T90 measurement
Without outlier rejection
With outlier rejection
T90 = 78.33
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
8400
8600
8800
9000
9200
+2.6154e8


Quad: ABCD, 10.00s binning, File:261548730.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
625
600
575
550
525
500
475
450
8400
8600
8800
9000
9200
+2.6154e8


Quad: ABCD, 10.00s binning, File:261548730.0
Ratio
Transient
Outliers
1.25
1.20
1.15
1.10
1.05
1.00
0.95
0.90
8400
8600
8800
9000
9200
+2.6154e8


Quad: ABCD, 10.00s binning, File:261548730.0
Detrended LC
125
100
75
50
25
0
−25
−50
8400
8600
8800
9000
9200
+2.6154e8


Quad: ABCD, 10.00s binning, File:261548730.0
T90 measurement
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
Without outlier rejection
With outlier rejection
T90 = 82.58
8400
8600
8800
9000
9200
+2.6154e8


All LC
A
B
C
D
180
160
140
120
100
Counts/sec
8200
8400
8600
8800
9000
9200
Time (sec)
+2.6154e8