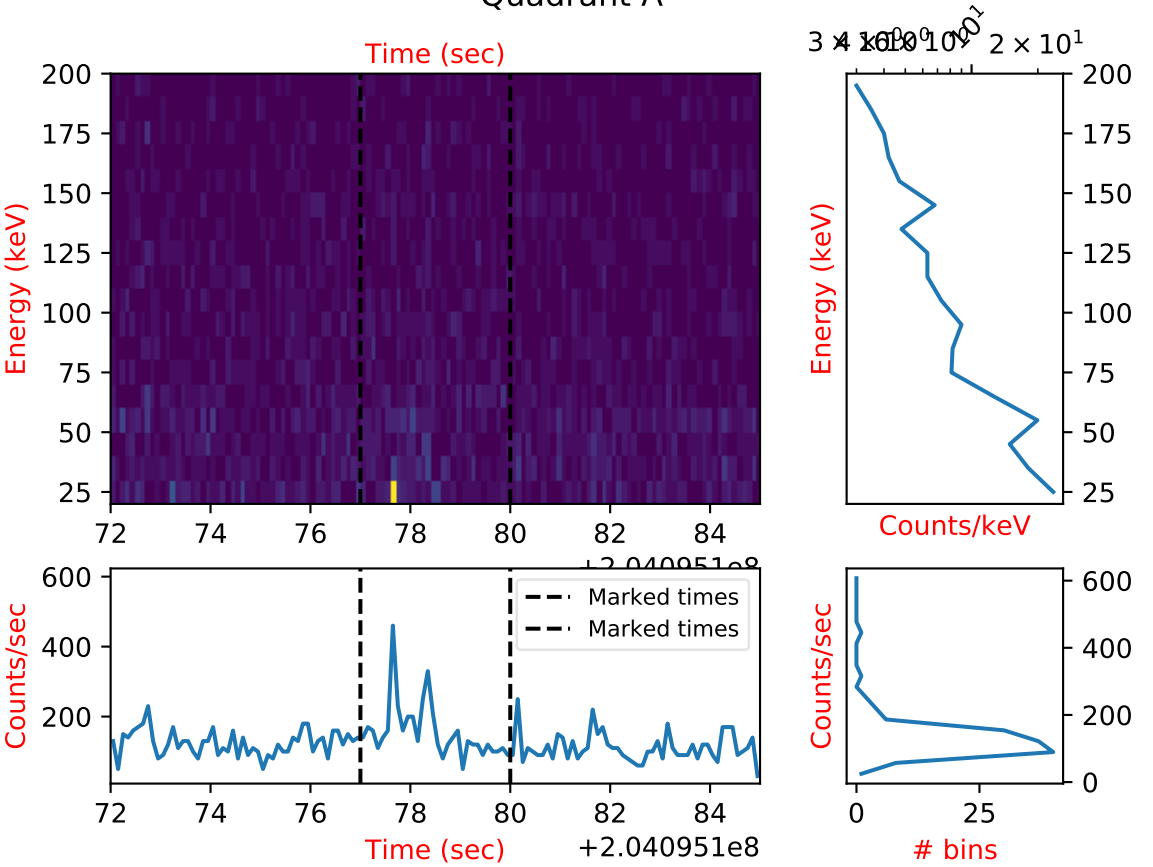
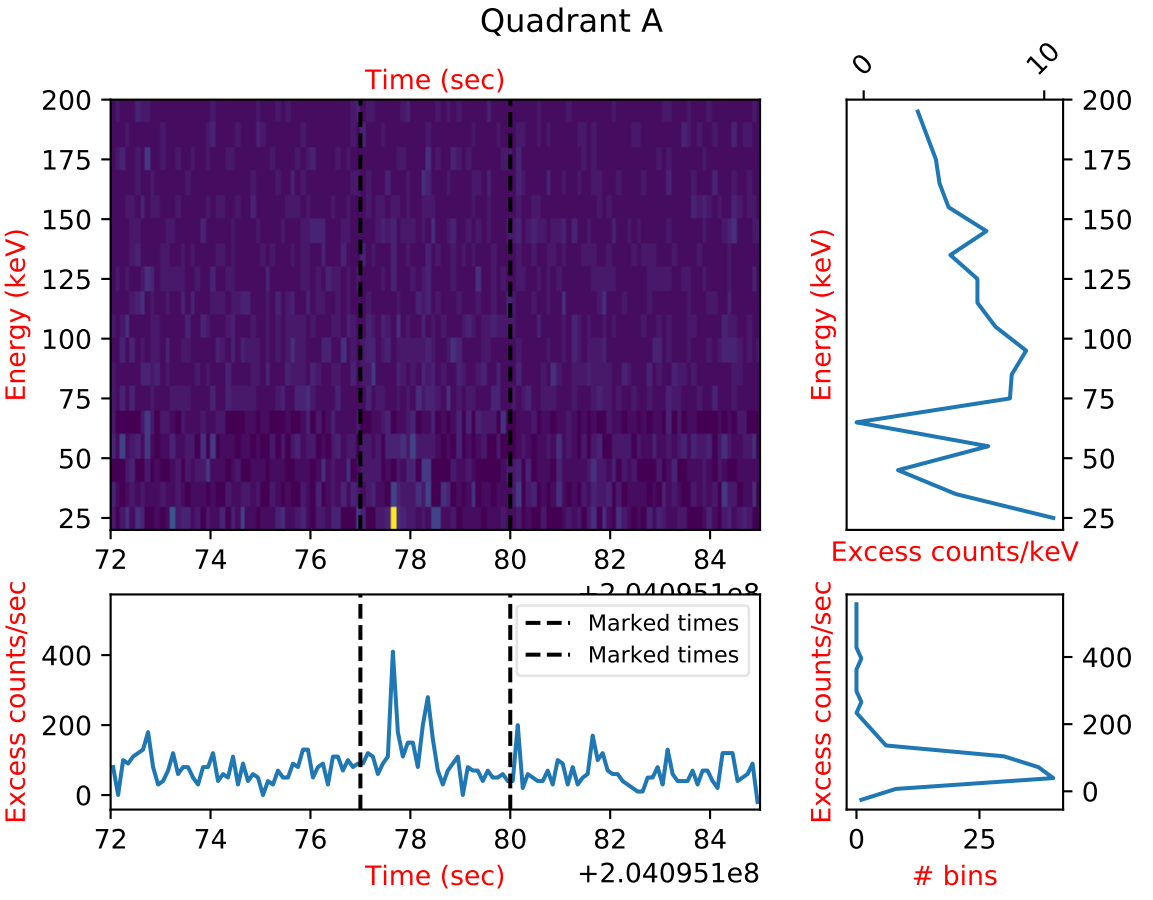
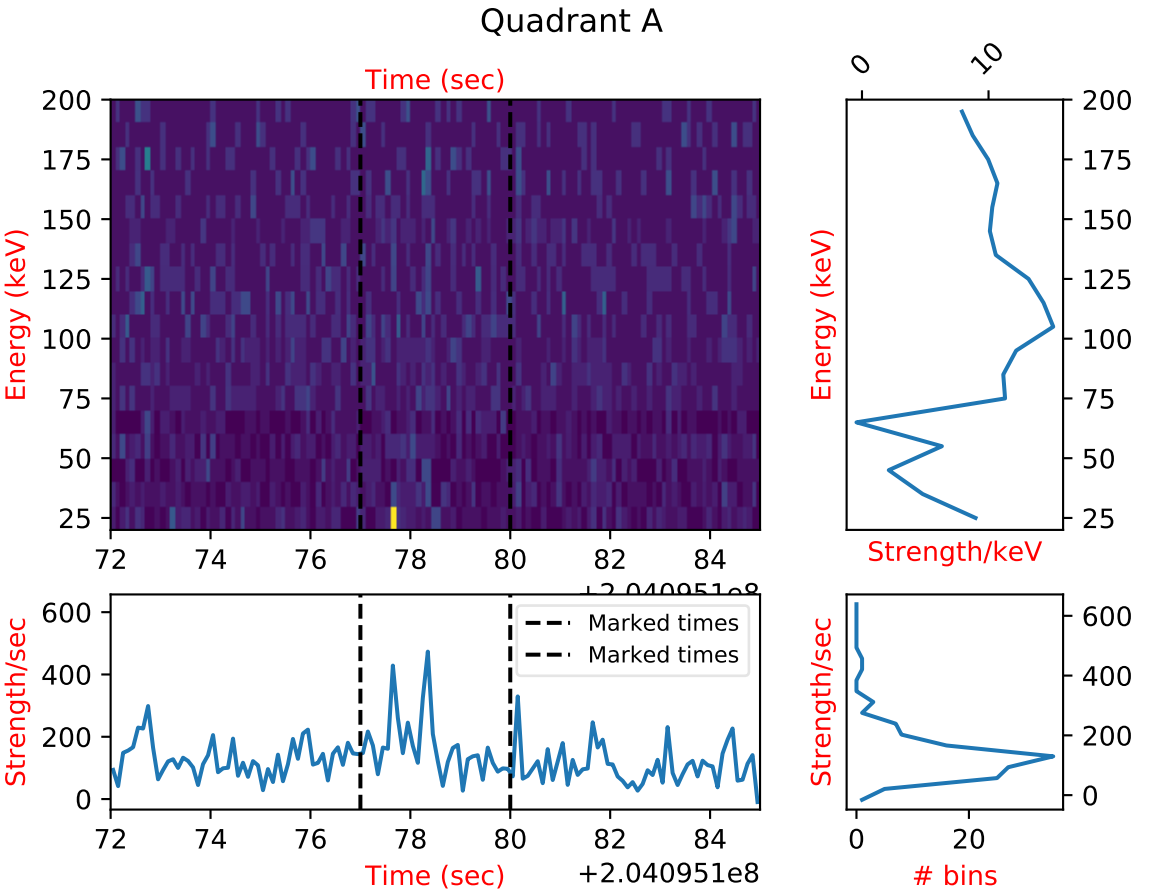
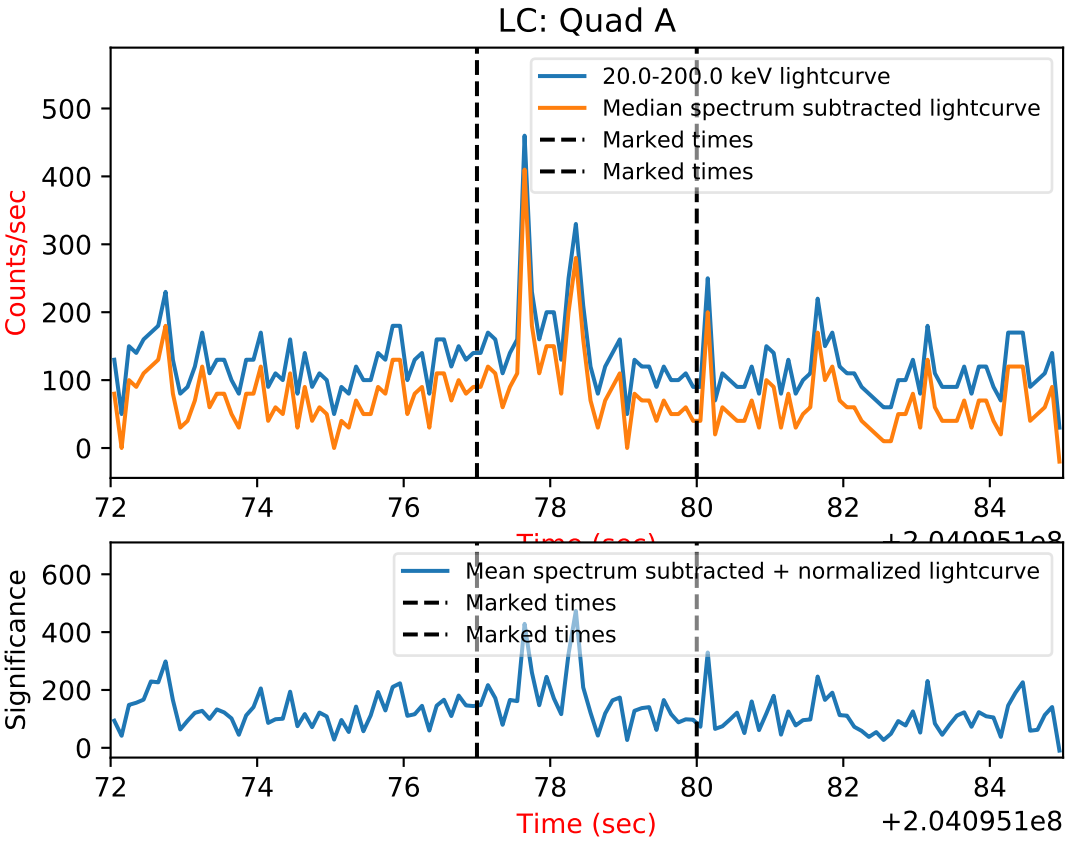
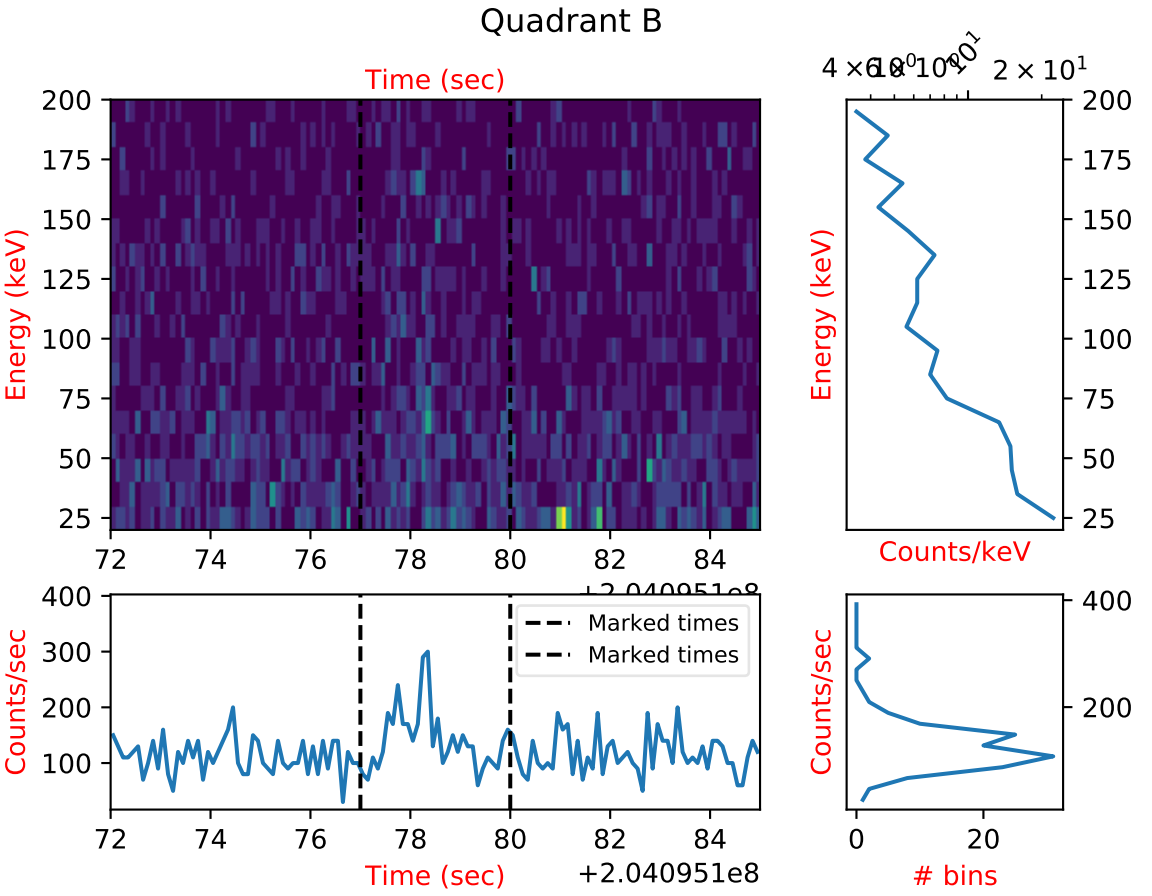
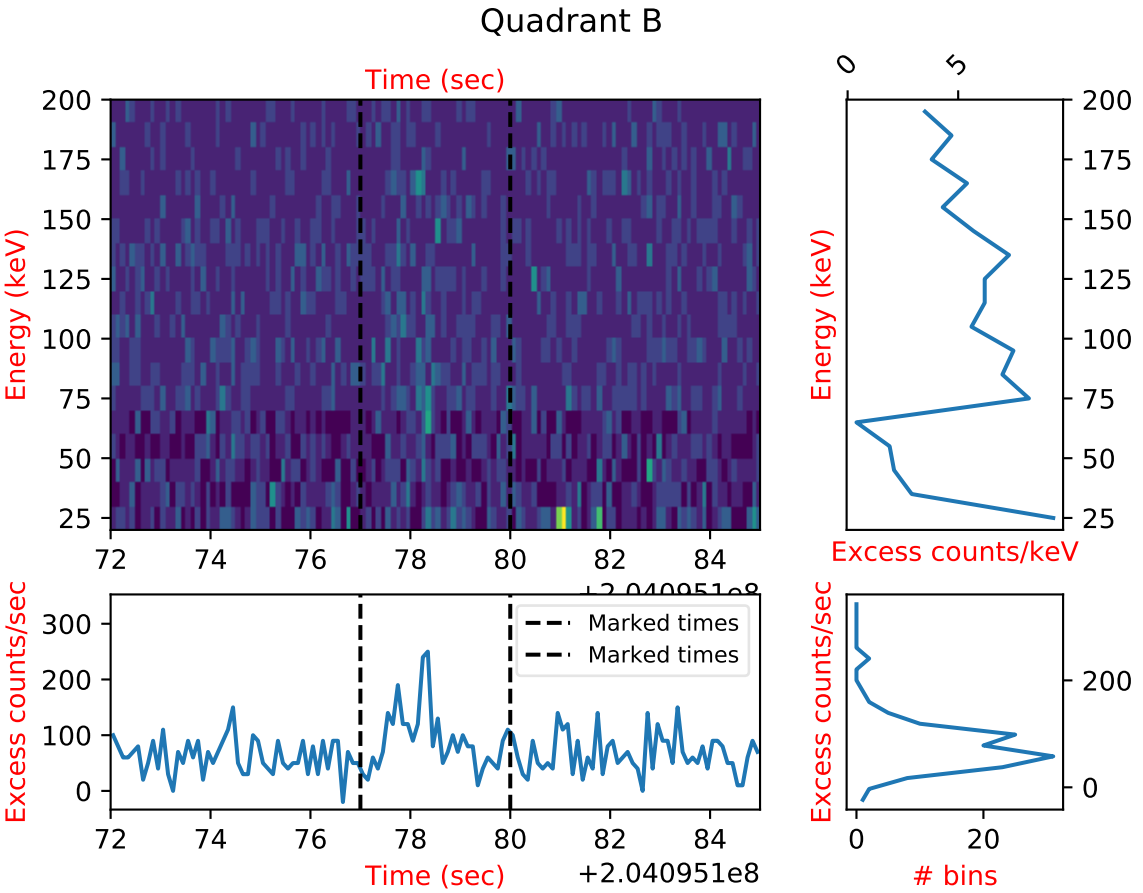

Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
Time (sec)
+2.040951e8
bins

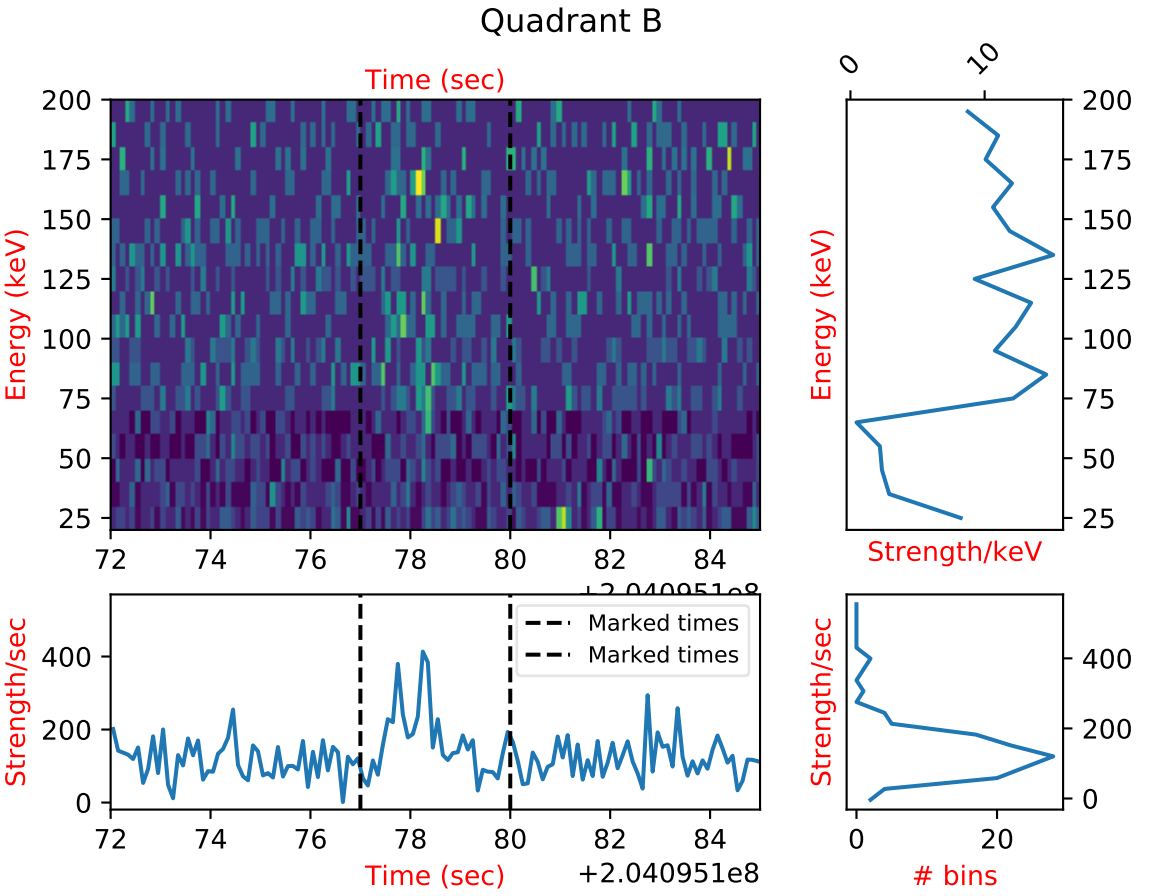

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
0
10
Excess counts/keV
Excess counts/sec
400
200
0
Marked times
Marked times
Time (sec)
+2.040951e8
bins
25

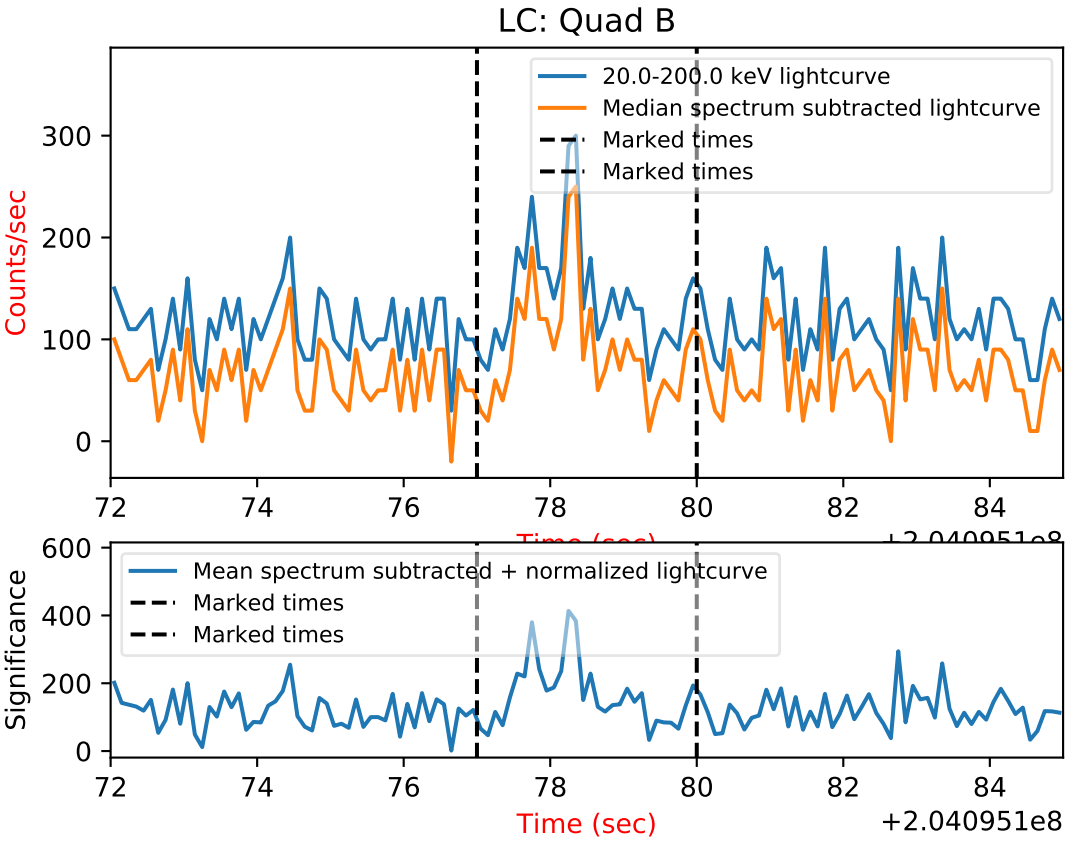

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
0
10
Strength/keV
Strength/sec
600
400
200
0
Marked times
Marked times
Time (sec)
+2.040951e8
20
bins

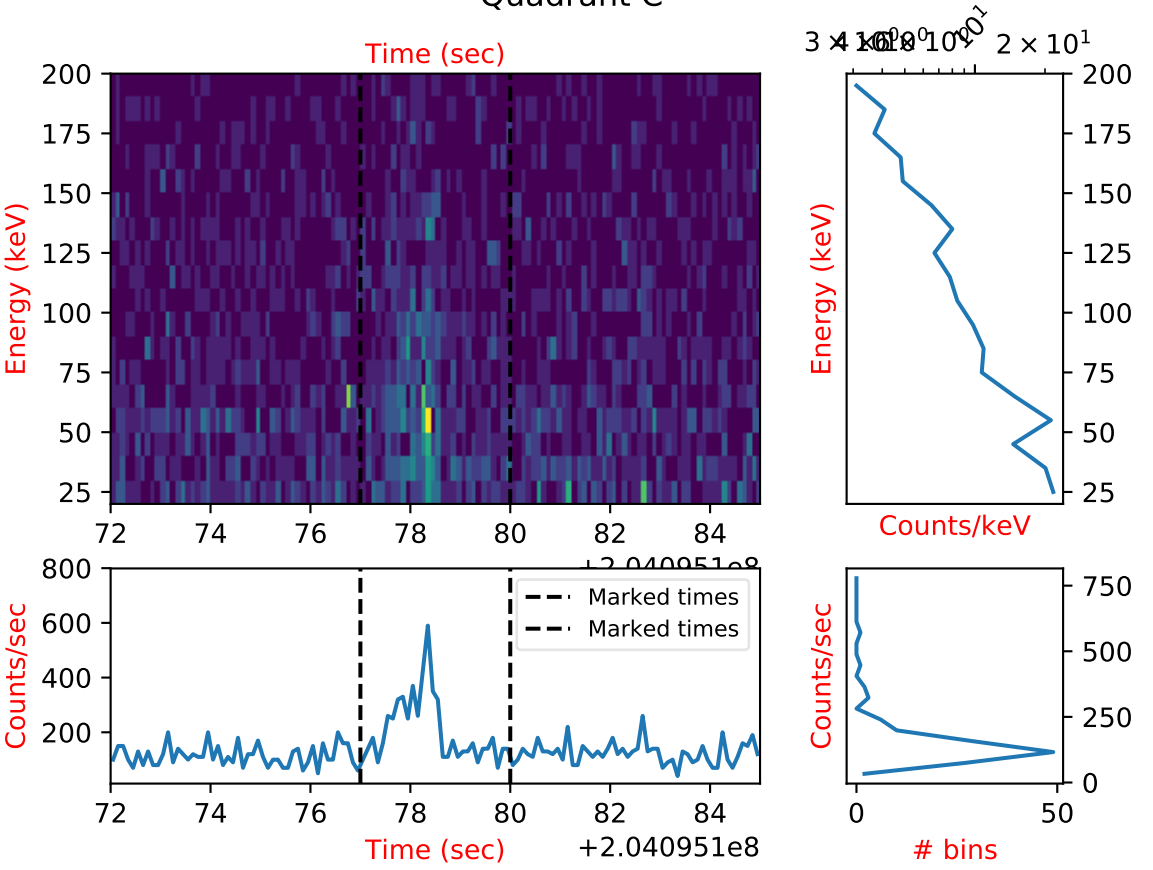

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
500
400
300
200
100
0
72
74
76
78
80
82
84
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
600
400
200
0
72
74
76
78
80
82
84
Time (sec)
+2.040951e8

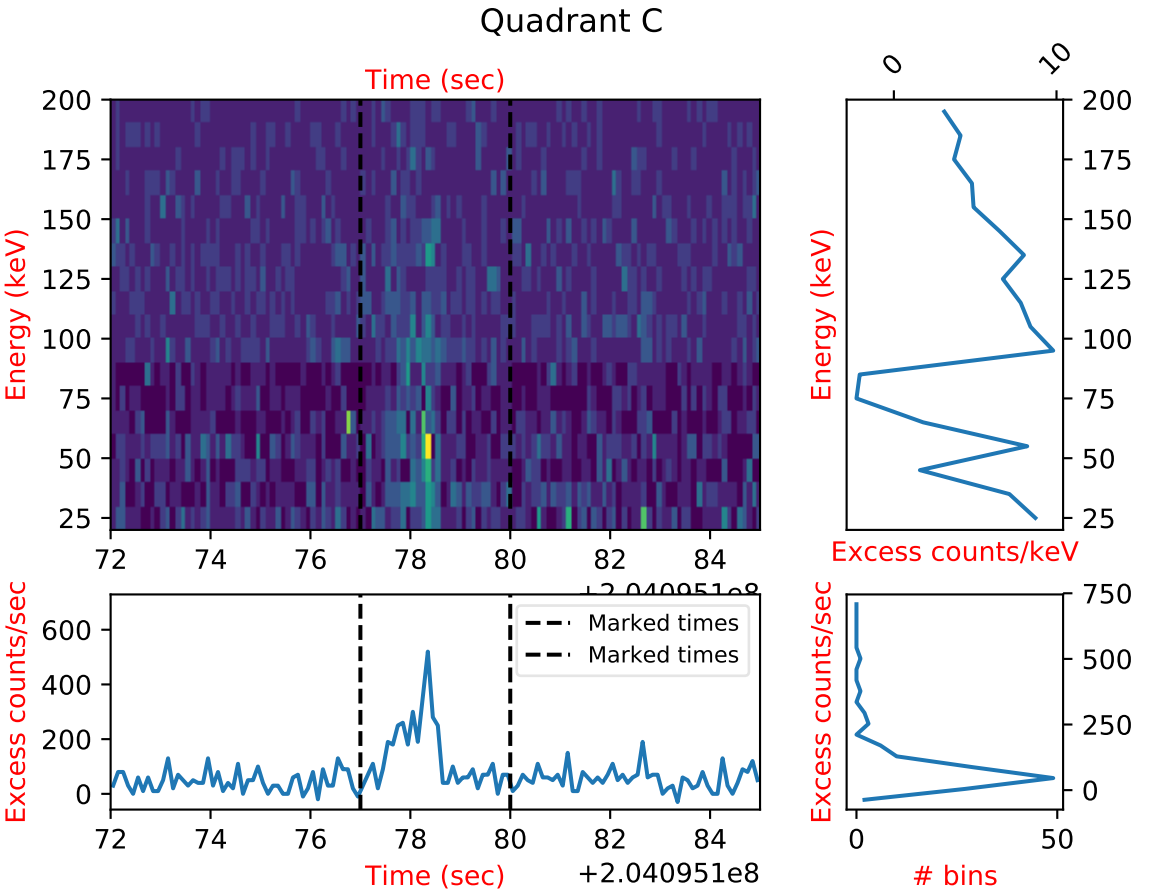

Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
bins
+2.040951e8

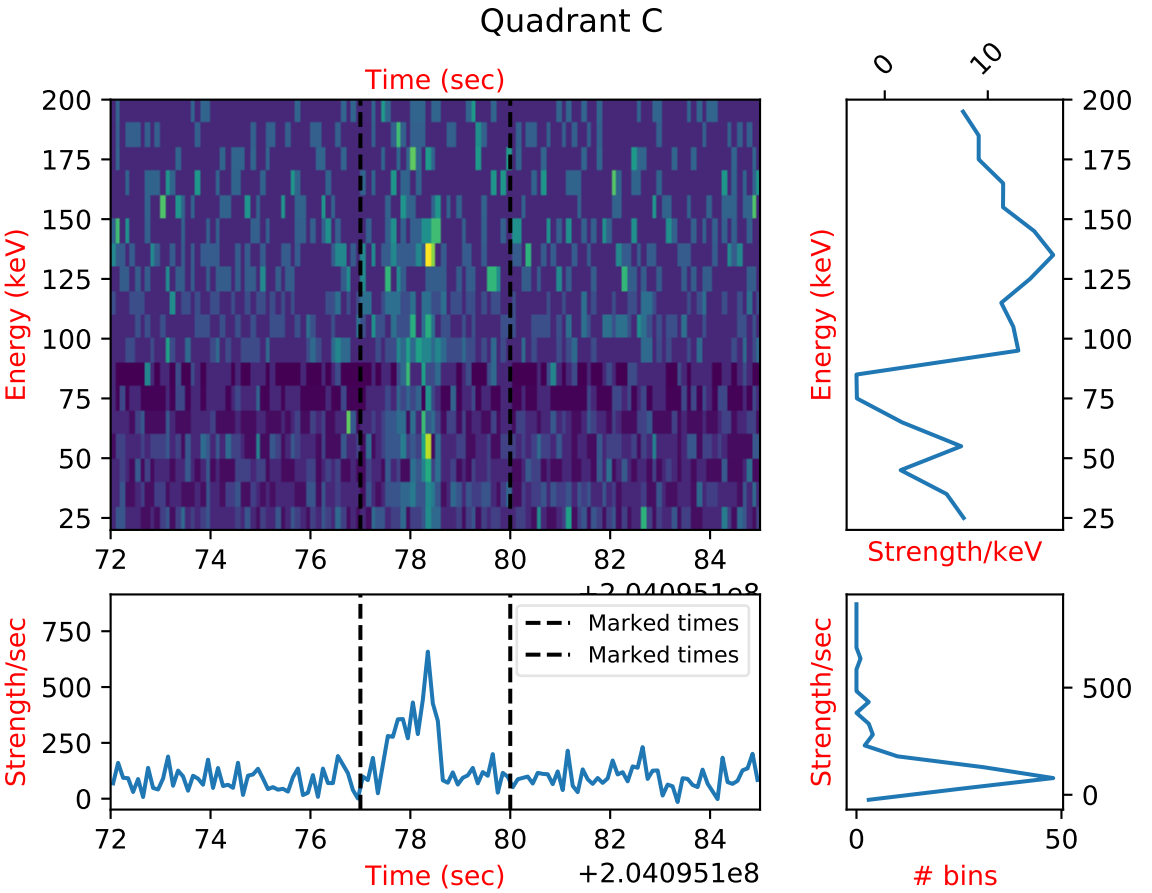

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
0
5
Excess counts/keV
Excess counts/sec
300
200
100
0
Marked times
Marked times
Time (sec)
+2.040951e8
bins
20

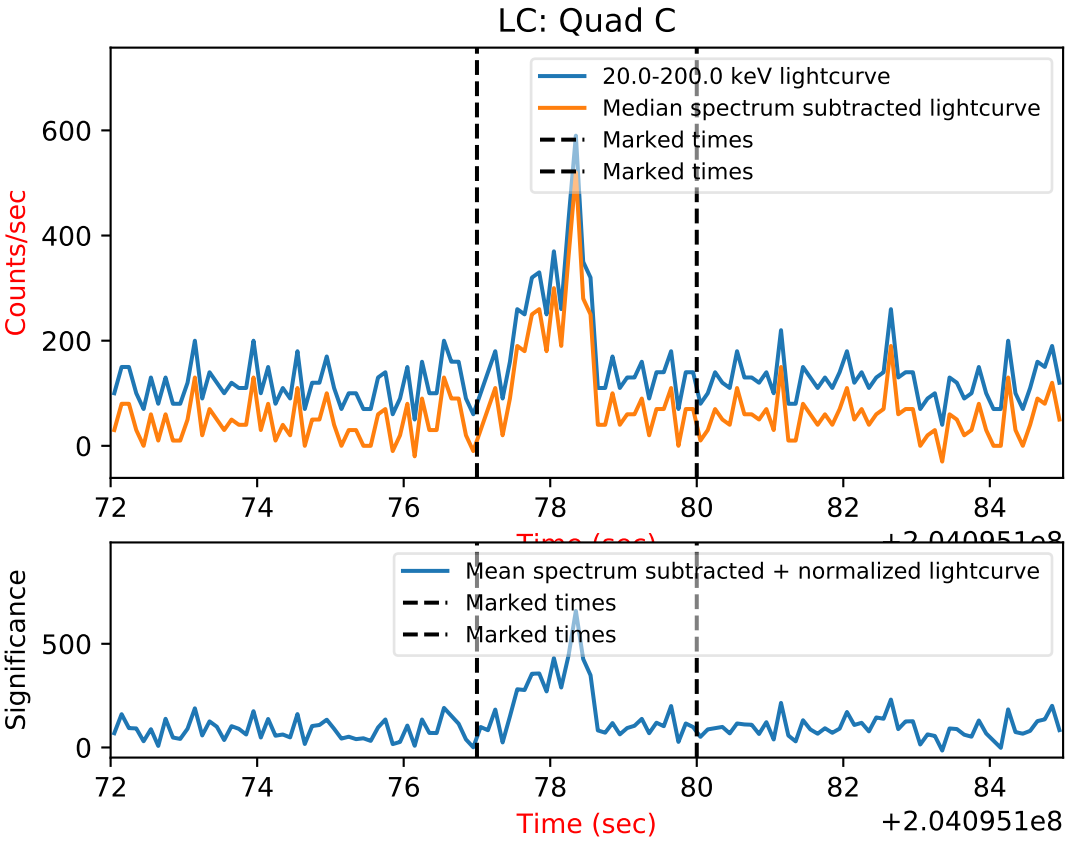

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
Strength/keV
0
10
Strength/sec
400
200
0
Marked times
Marked times
Time (sec)
+2.040951e8
bins
20

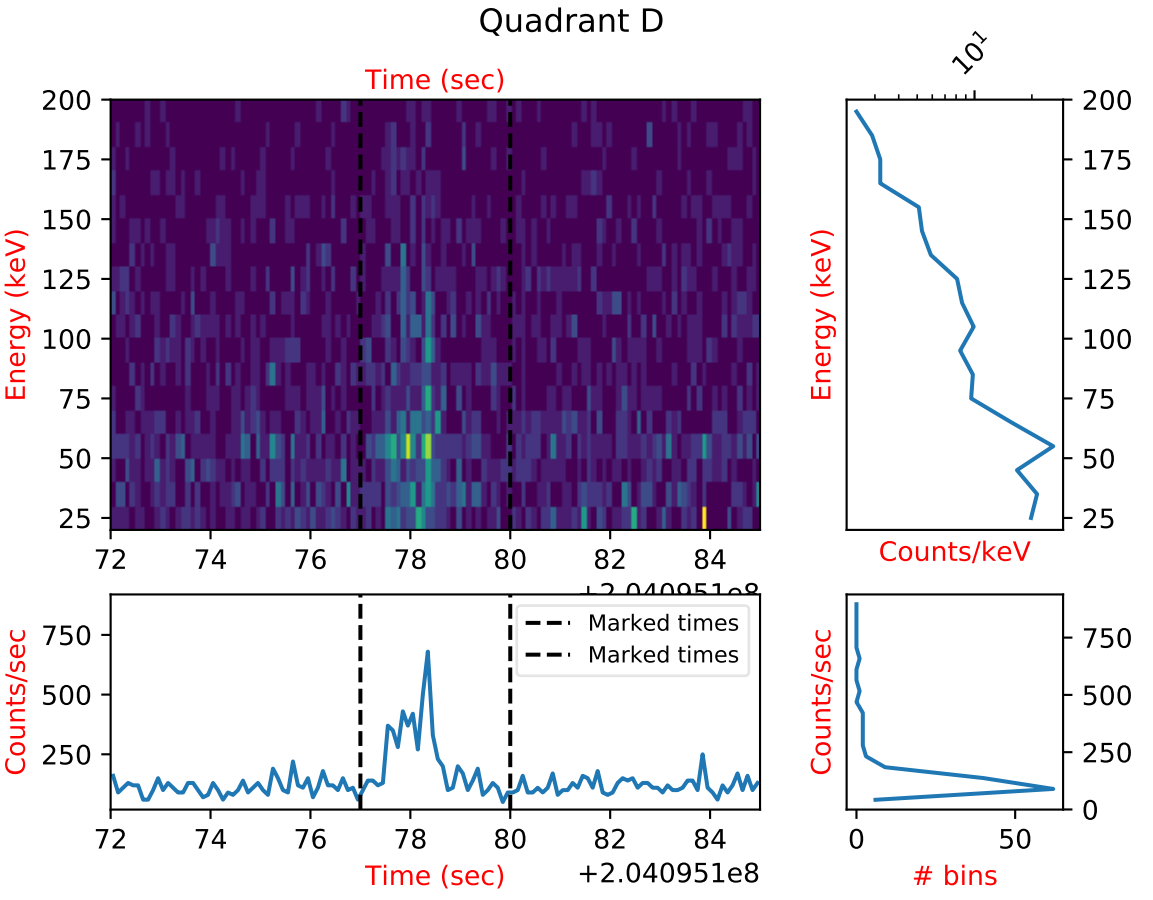

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
300
200
100
0
72
74
76
78
80
82
84
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
600
400
200
0
Time (sec)
+2.040951e8

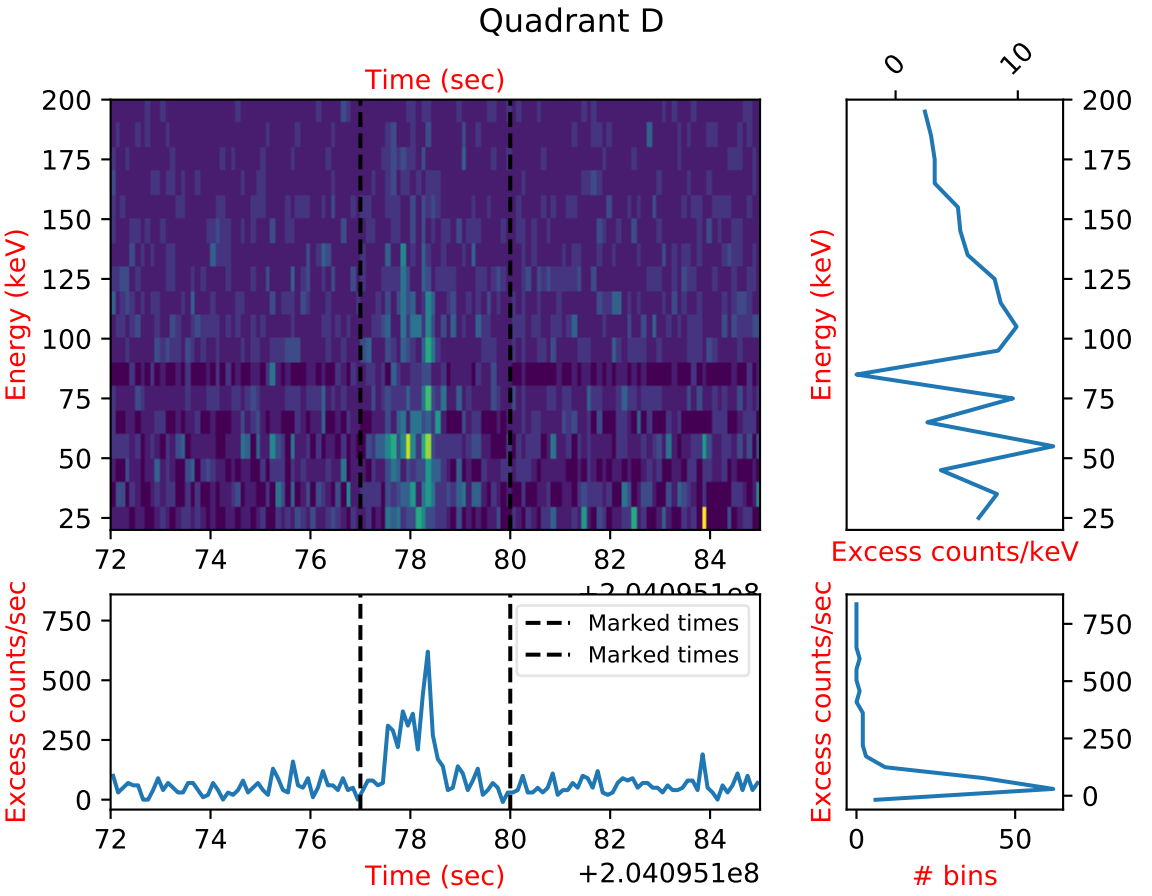

Quadrant C
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
bins
+2.040951e8

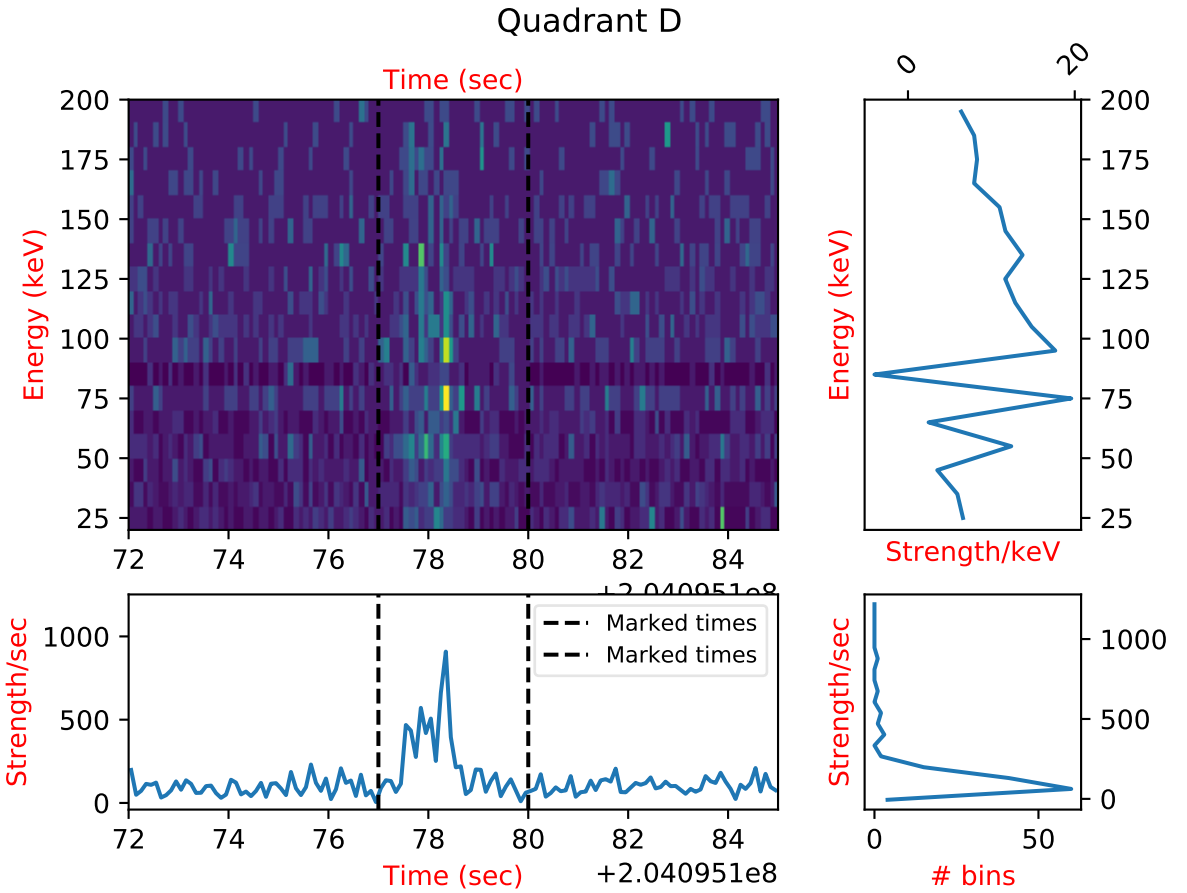

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
Excess counts/keV
0
10
Excess counts/sec
600
400
200
0
Marked times
Marked times
Time (sec)
+2.040951e8
750
500
250
0
50
bins

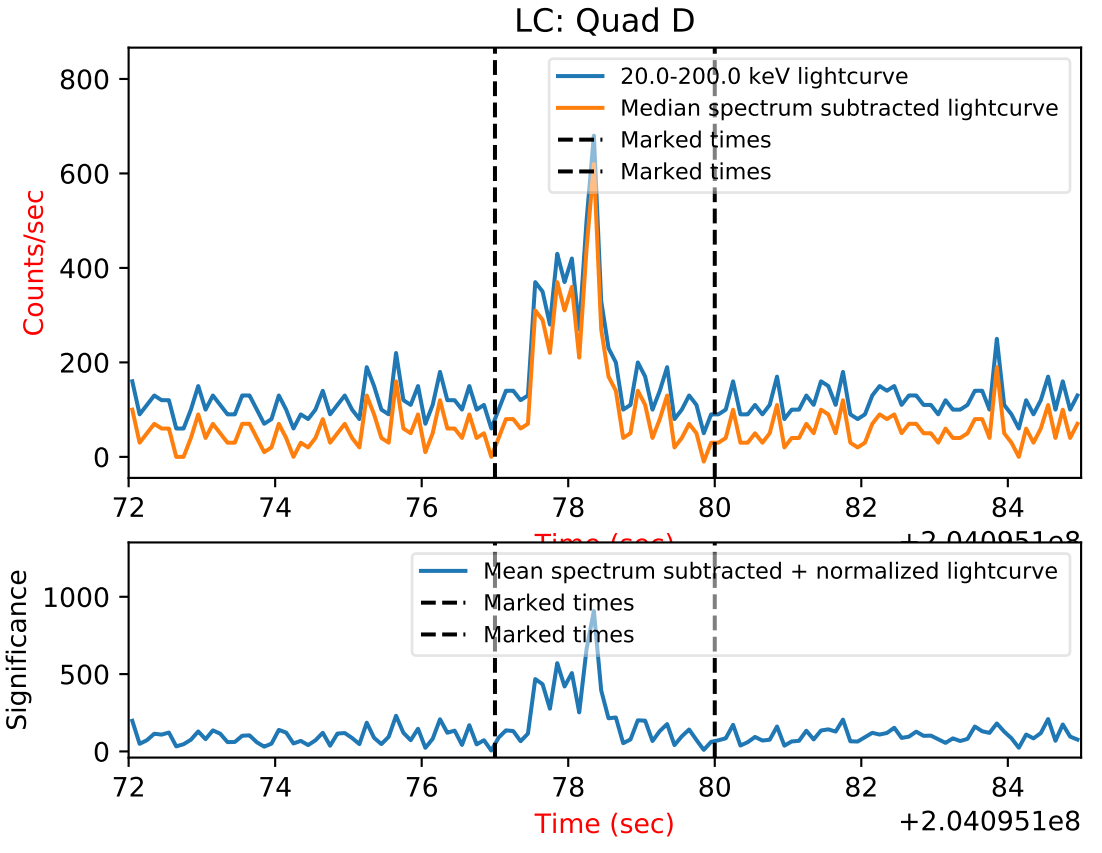

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
0
10
Strength/keV
Strength/sec
750
500
250
0
Marked times
Marked times
Time (sec)
+2.040951e8
bins
50

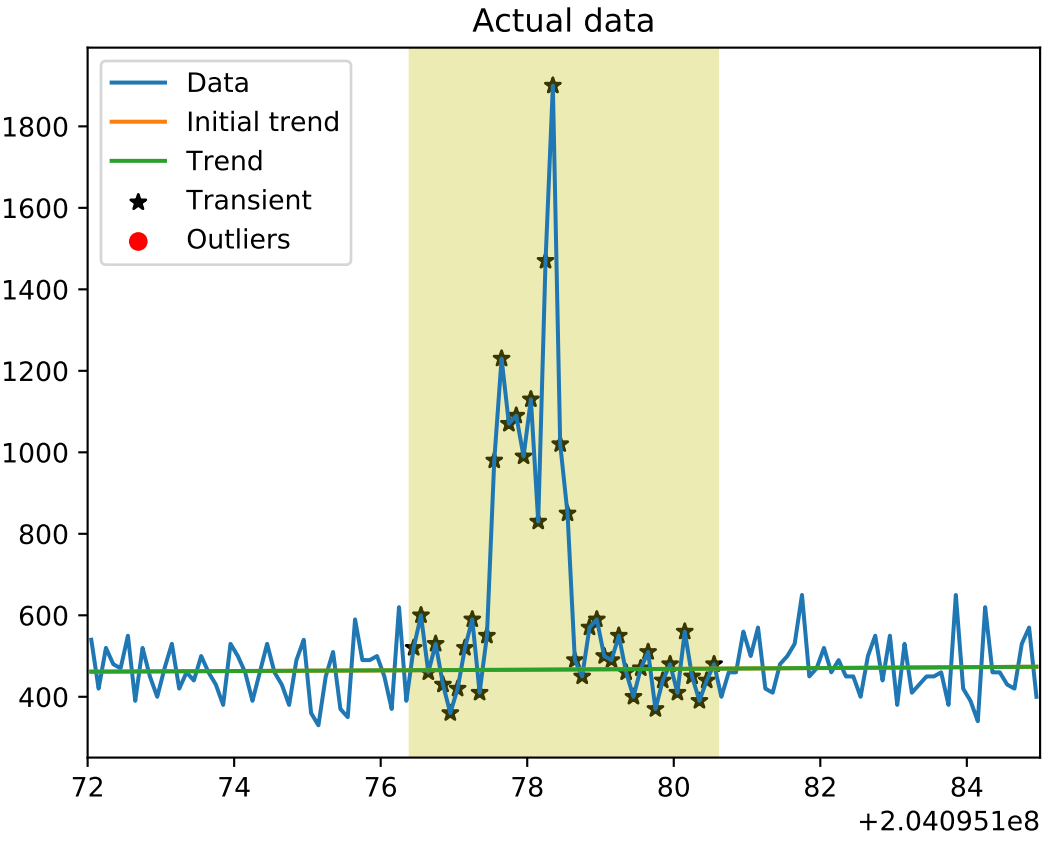

LC: Quad C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
600
400
200
0
72
74
76
78
80
82
84
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
500
0
Time (sec)
+2.040951e8

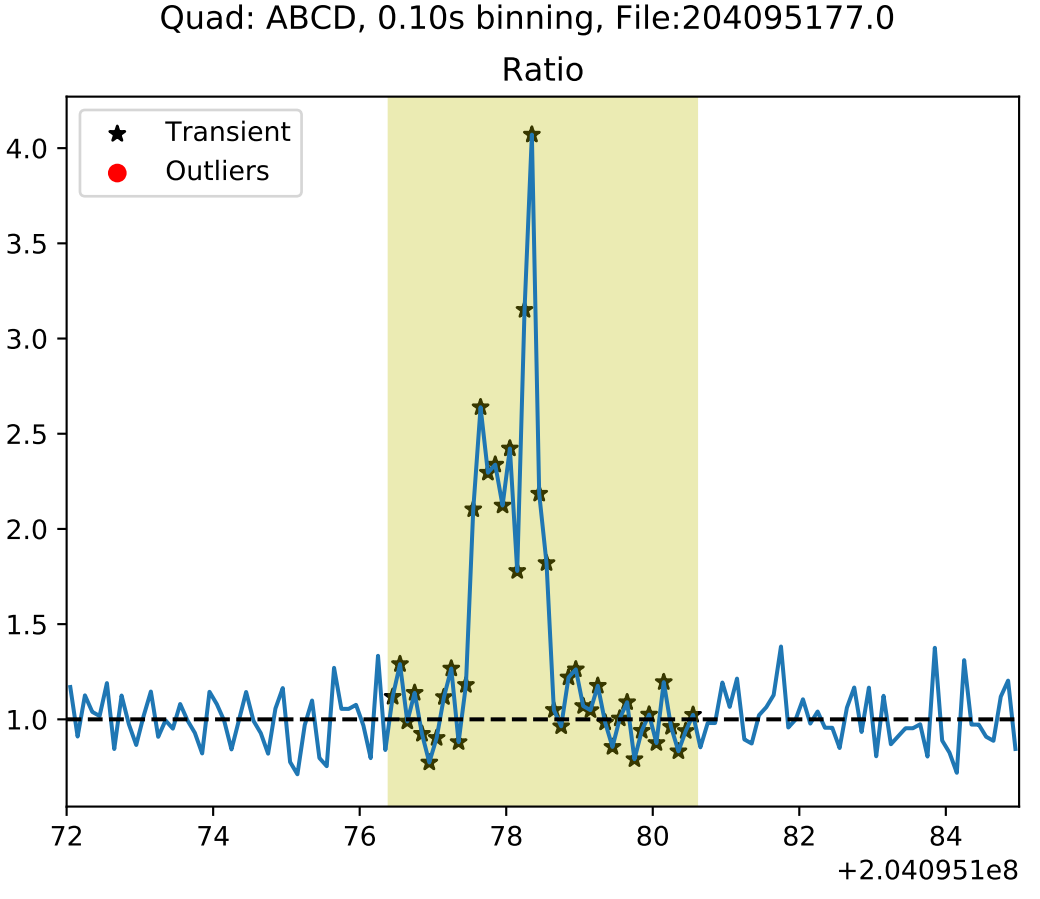

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
Counts/sec
750
500
250
Marked times
Marked times
Time (sec)
+2.040951e8
10^1
Counts/keV
0
50
bins

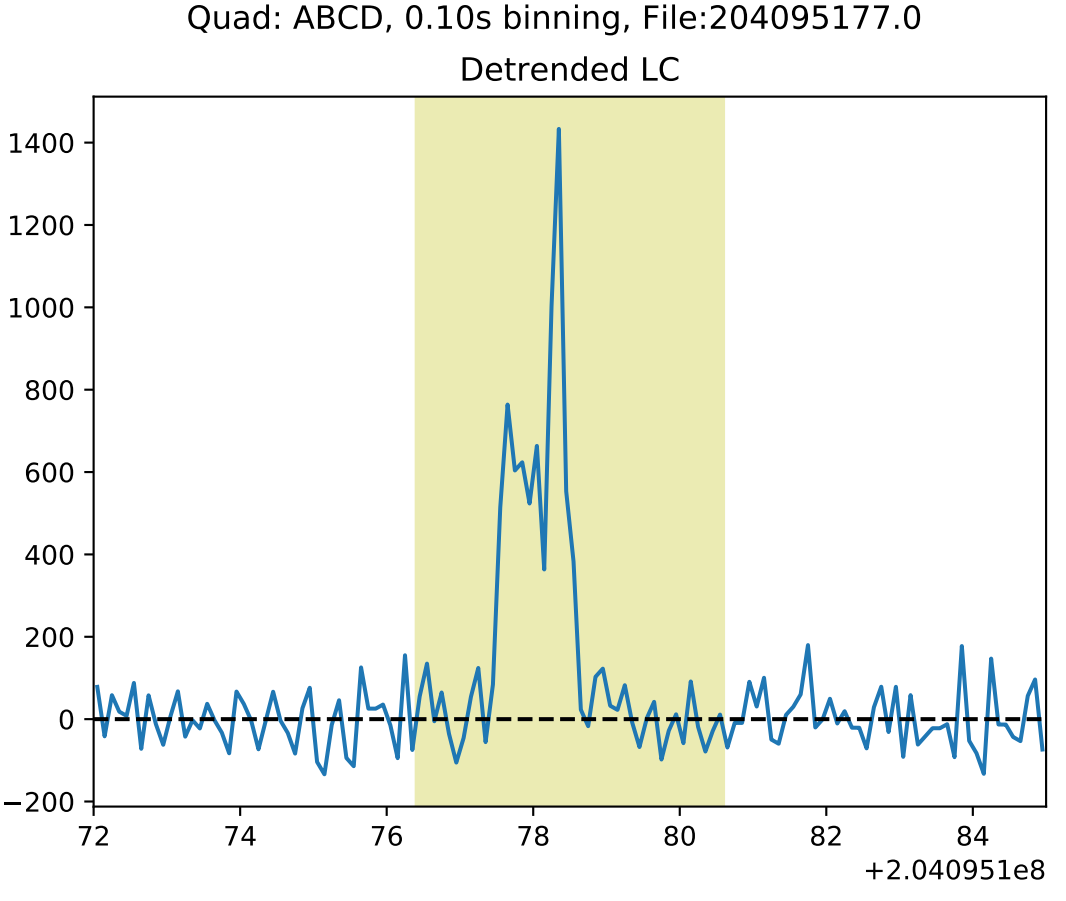

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
0
10
Excess counts/keV
Excess counts/sec
750
500
250
0
Marked times
Marked times
Time (sec)
+2.040951e8
bins
50

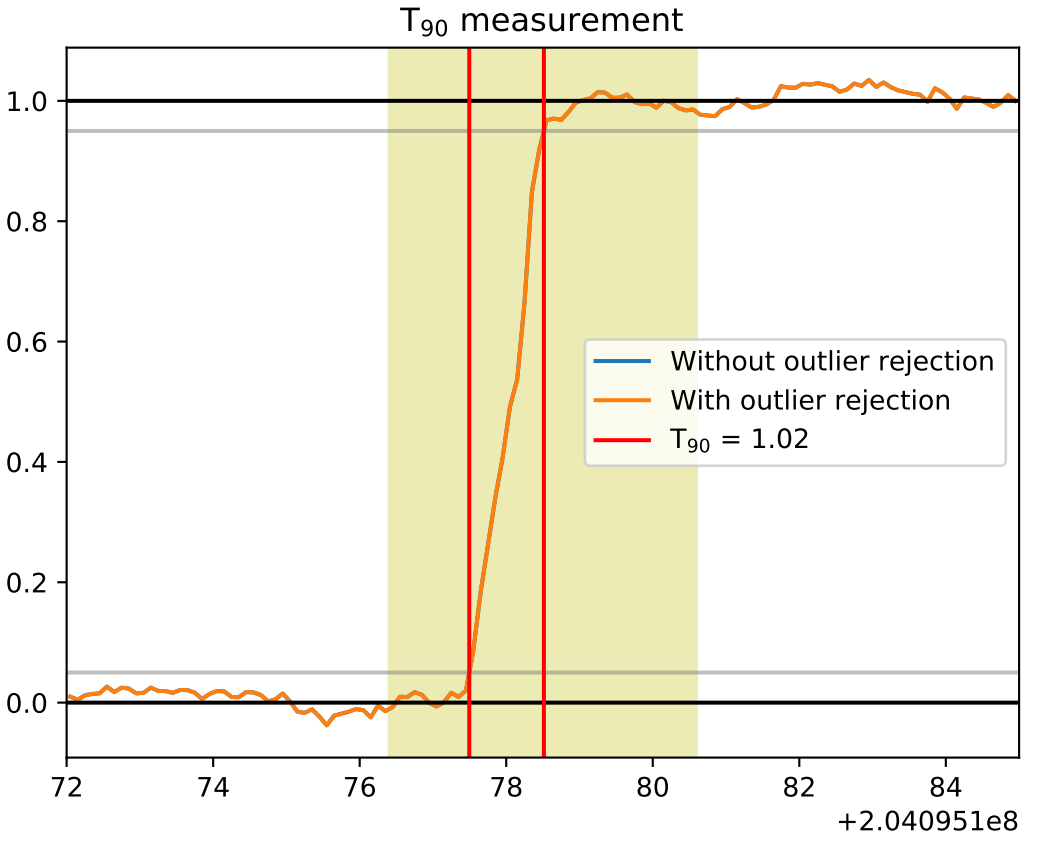

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
72
74
76
78
80
82
84
+2.040951e8
Strength/sec
1000
500
0
Marked times
Marked times
Time (sec)
+2.040951e8
0
20
Strength/keV
bins
50

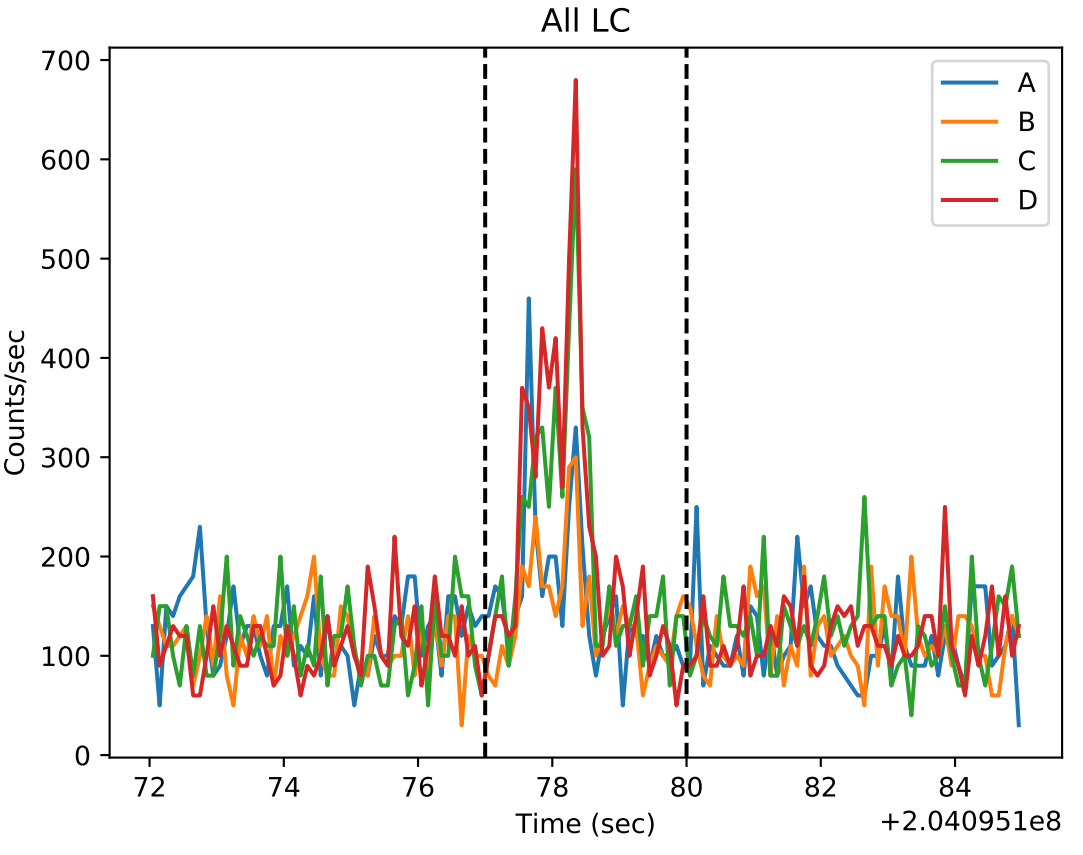

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
800
600
400
200
0
72
74
76
78
80
82
84
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
1000
500
0
Time (sec)
+2.040951e8


Quad: ABCD, 0.10s binning, File:204095177.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
1800
1600
1400
1200
1000
800
600
400
72
74
76
78
80
82
84
+2.040951e8


Quad: ABCD, 0.10s binning, File:204095177.0
Ratio
Transient
Outliers
4.0
3.5
3.0
2.5
2.0
1.5
1.0
72
74
76
78
80
82
84
+2.040951e8


Quad: ABCD, 0.10s binning, File:204095177.0
Detrended LC
1400
1200
1000
800
600
400
200
0
−200
72
74
76
78
80
82
84
+2.040951e8


Quad: ABCD, 0.10s binning, File:204095177.0
T90 measurement
1.0
0.8
0.6
0.4
0.2
0.0
72
74
76
78
80
82
84
+2.040951e8
Without outlier rejection
With outlier rejection
T90 = 1.02


All LC
Counts/sec
Time (sec)
+2.040951e8
A
B
C
D
0
100
200
300
400
500
600
700
72
74
76
78
80
82
84