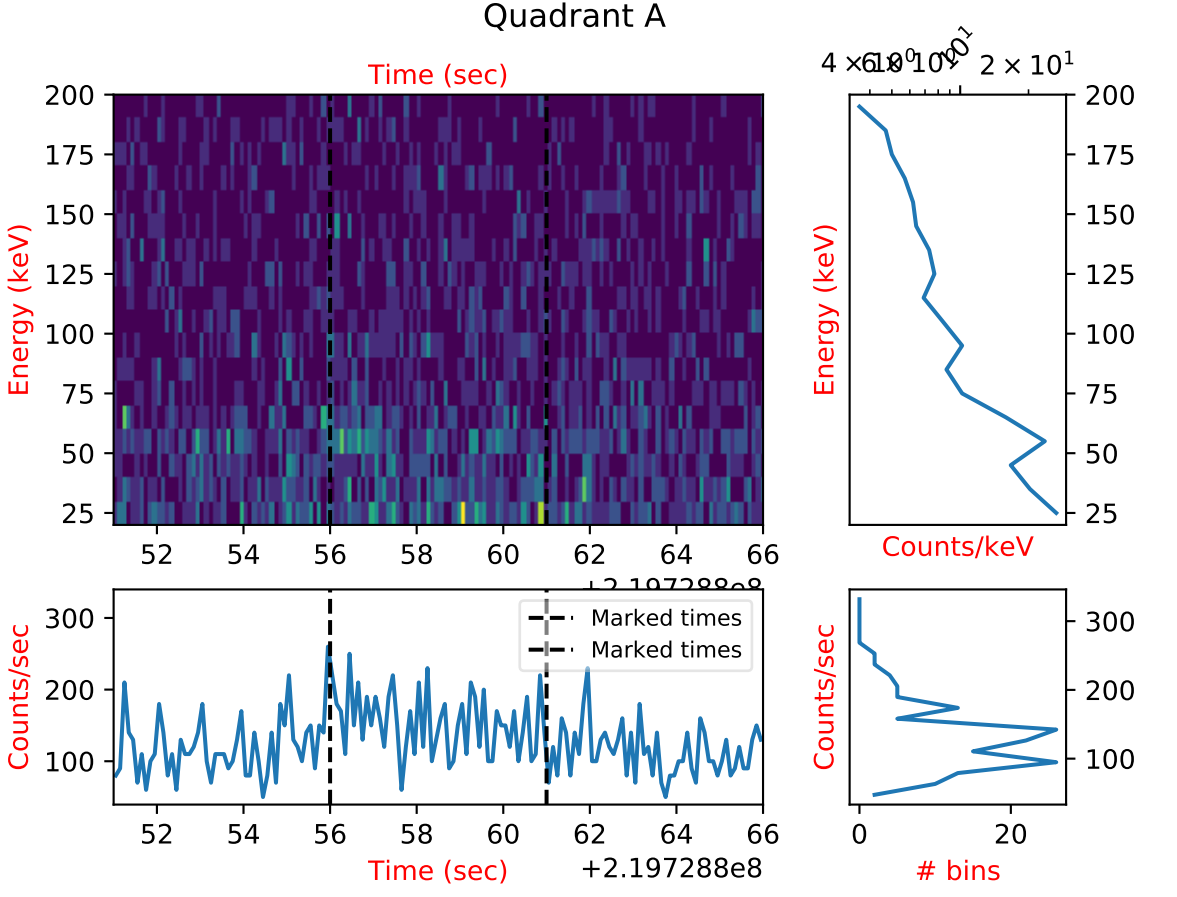
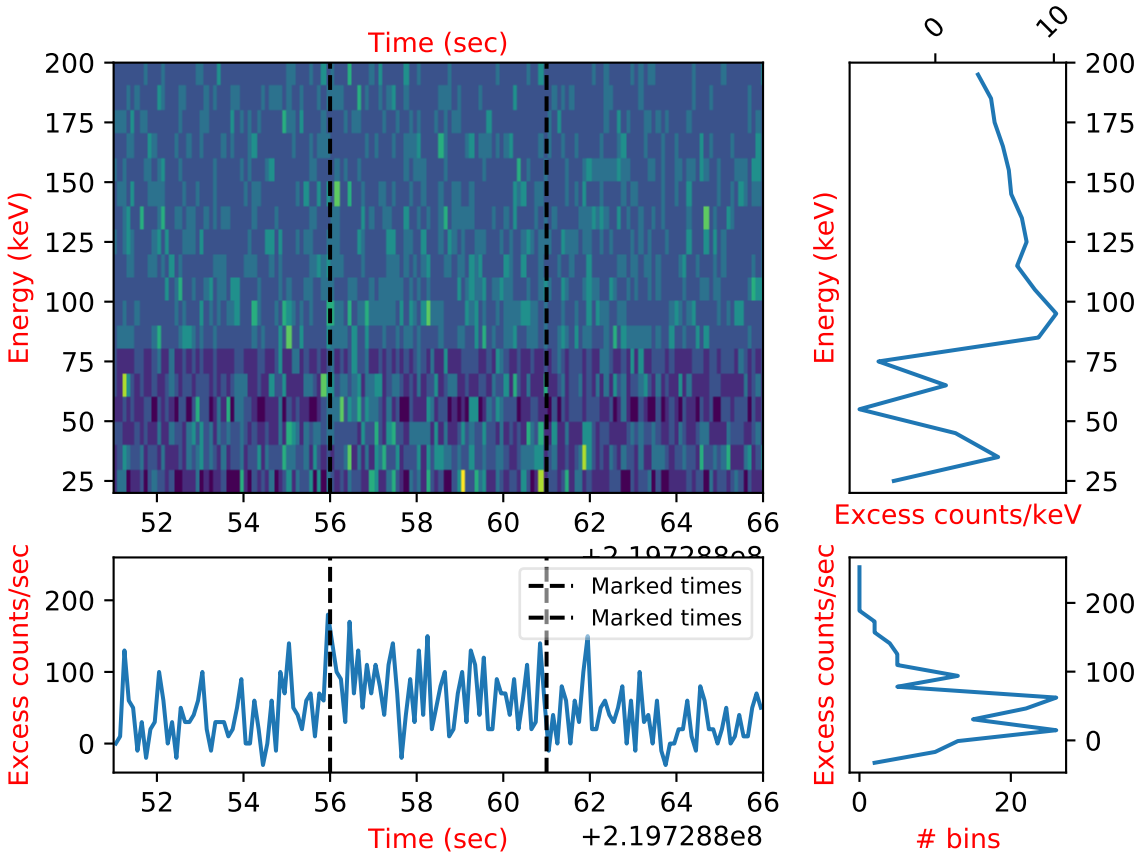
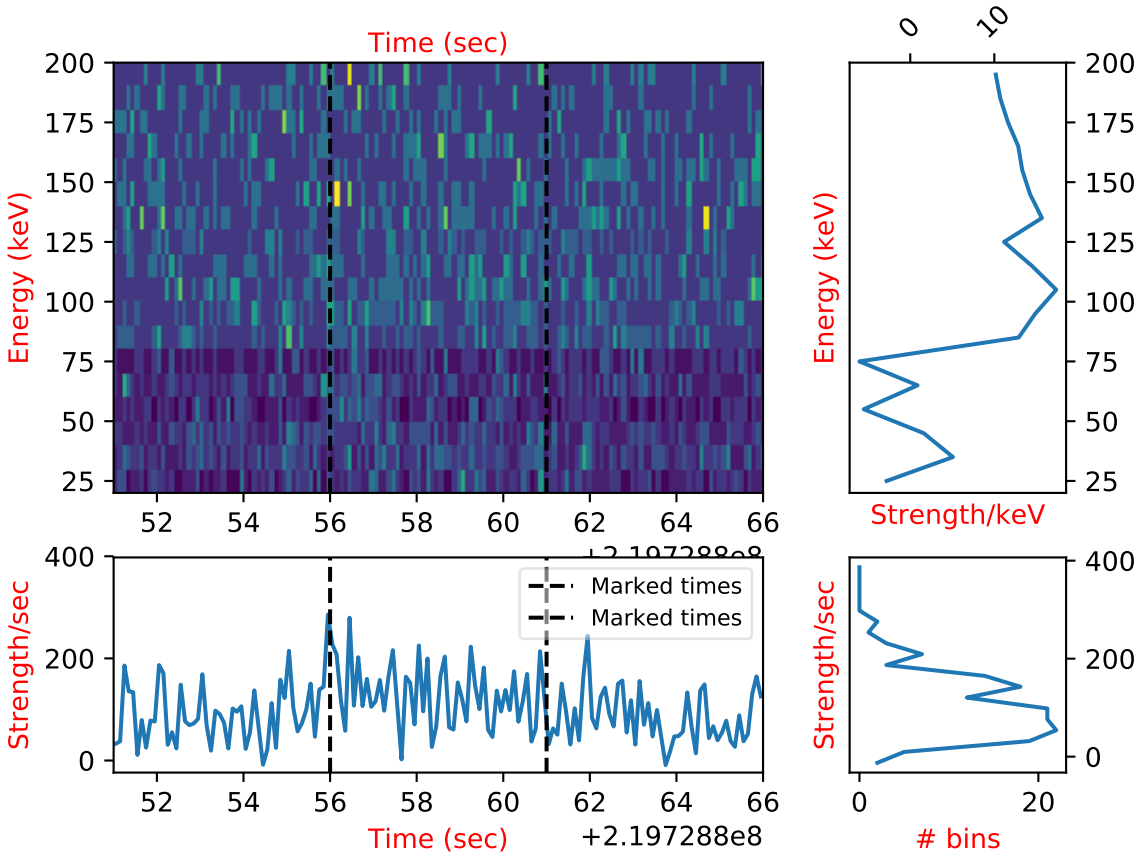
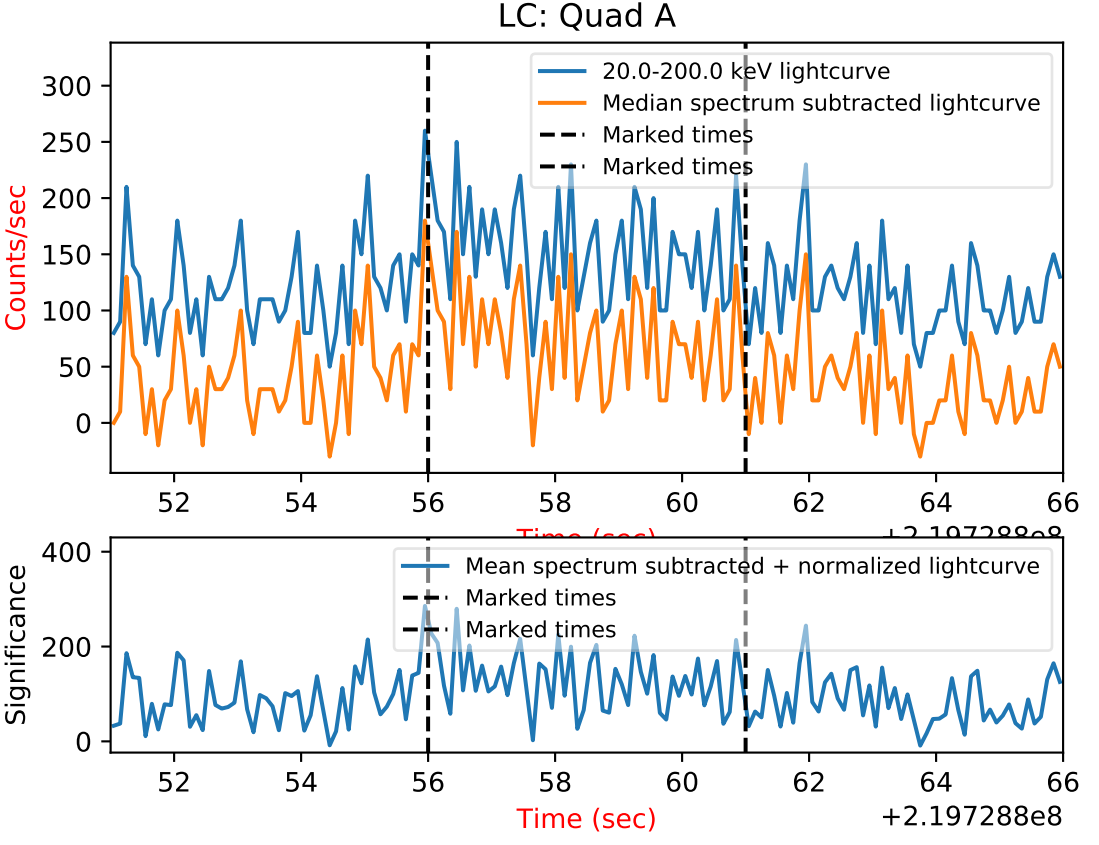
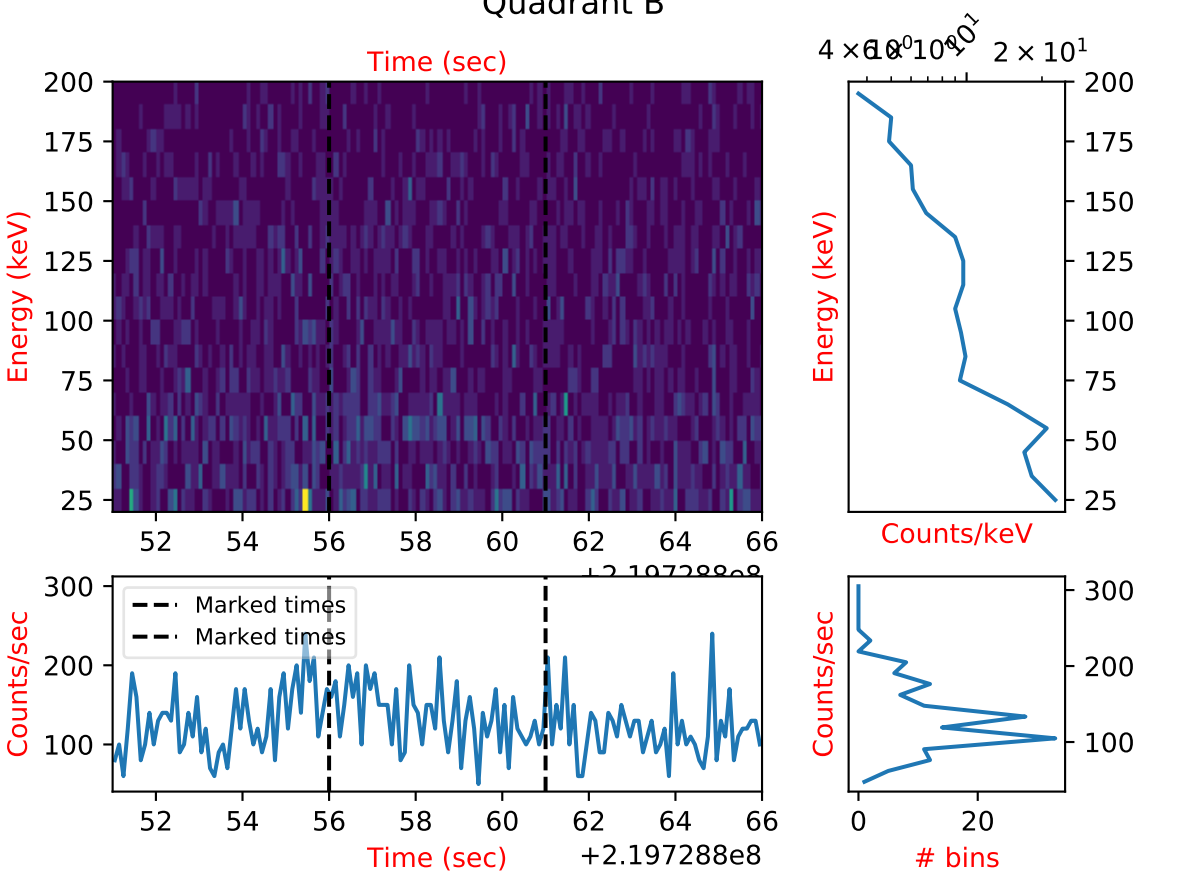
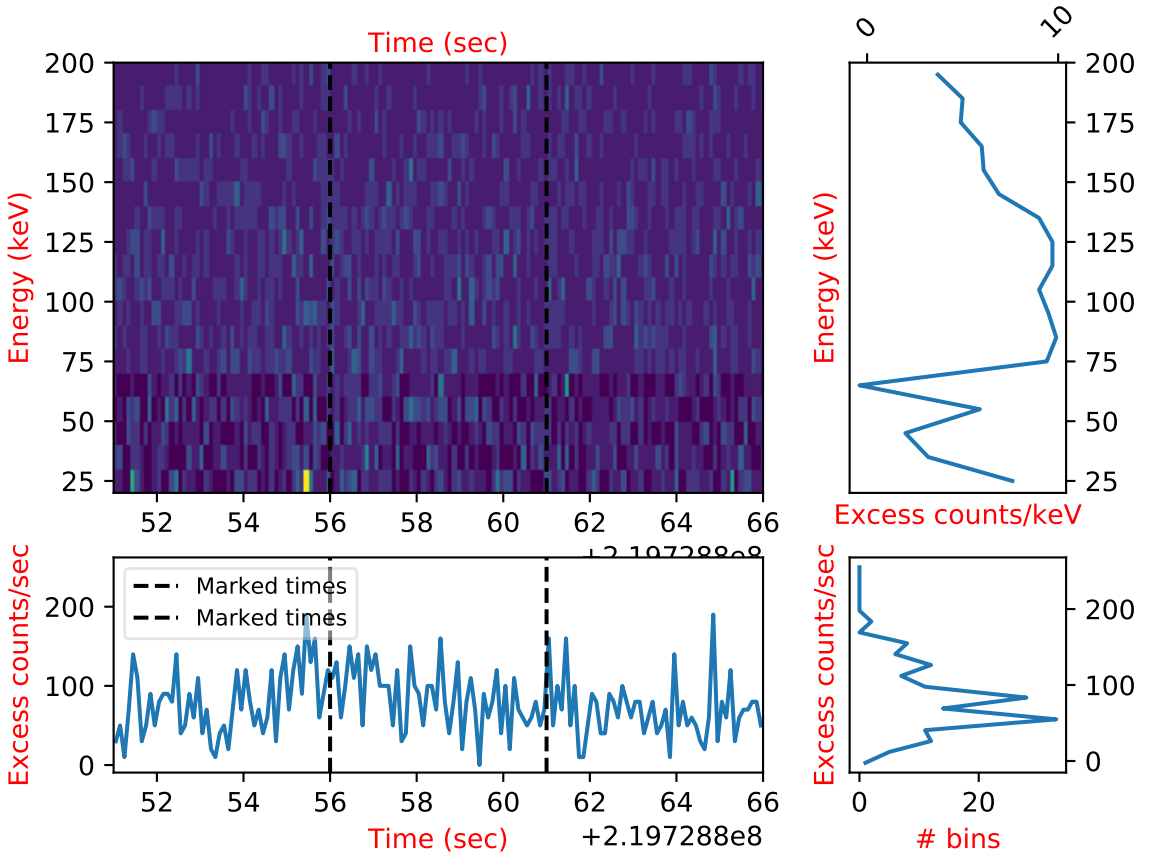

Quadrant A
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
bins
Marked times
Marked times
+2.197288e8

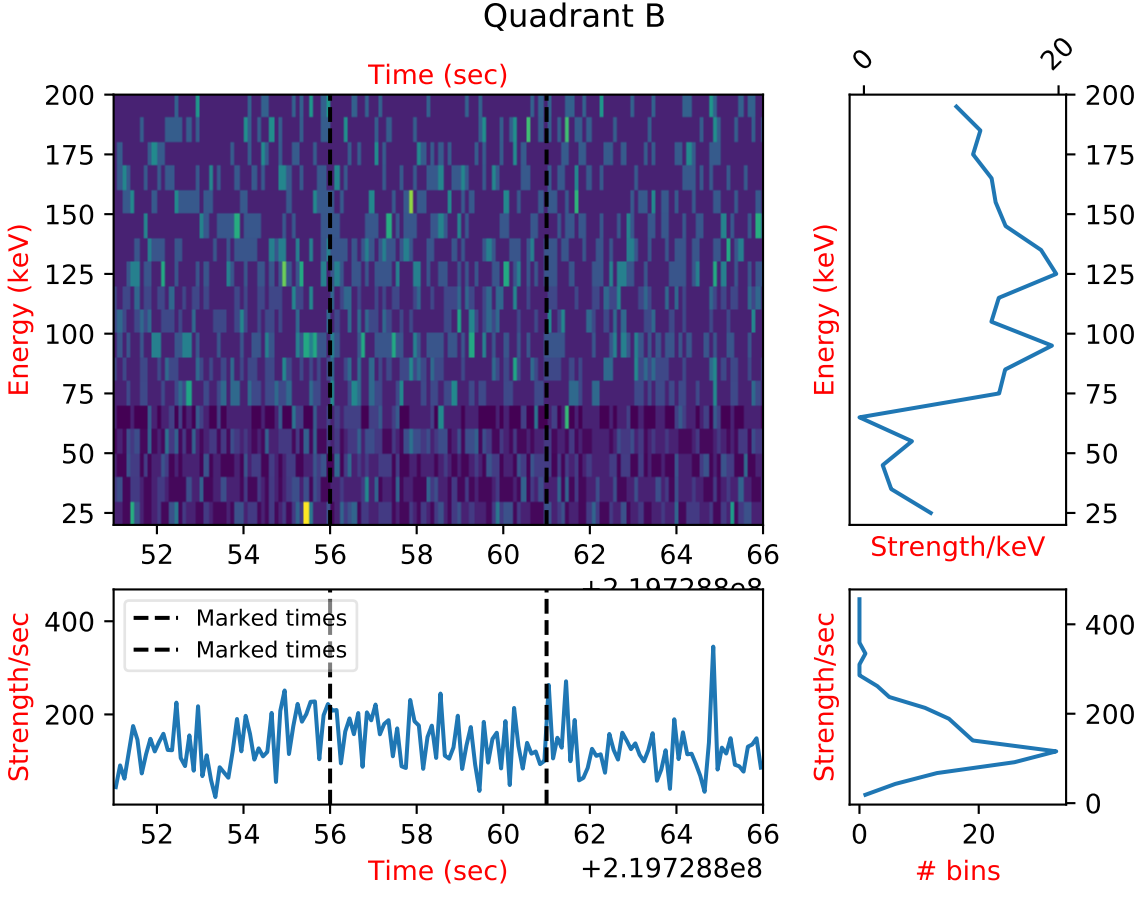

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
+2.197288e8
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
bins
20

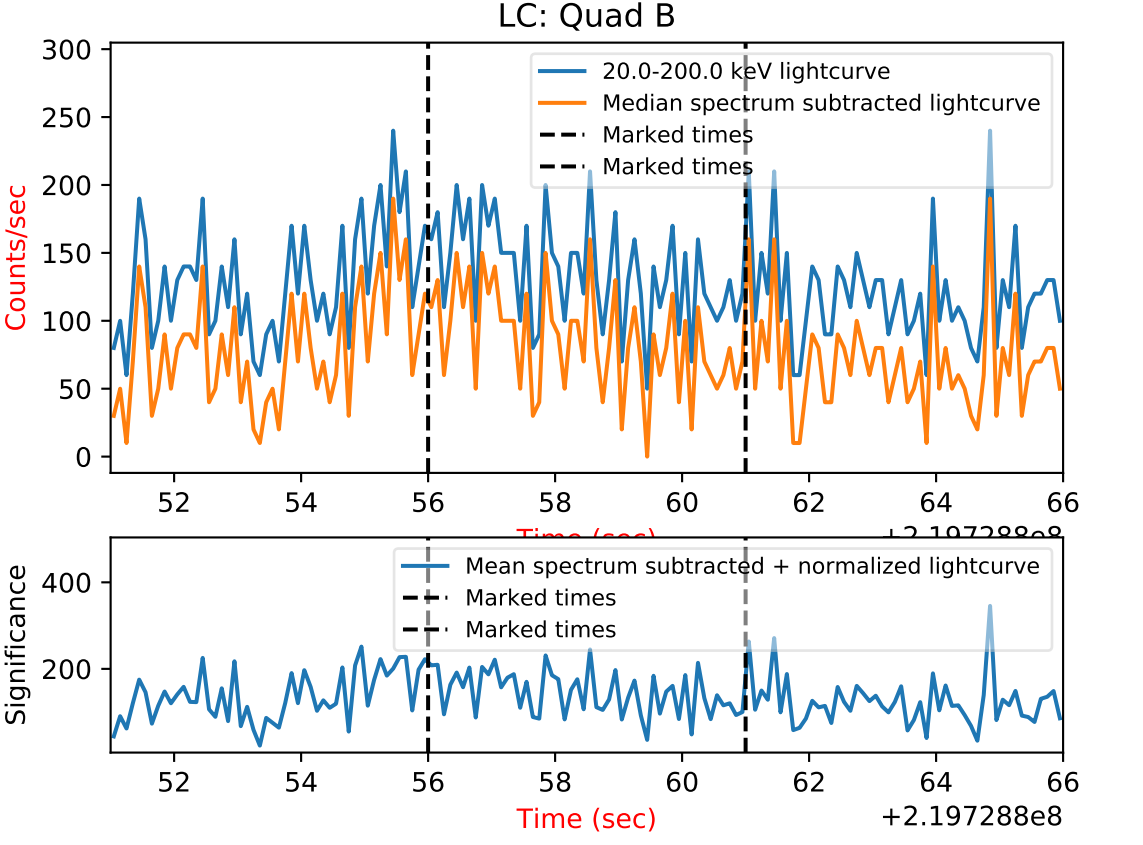

Quadrant A
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
0
10
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.197288e8
bins
20

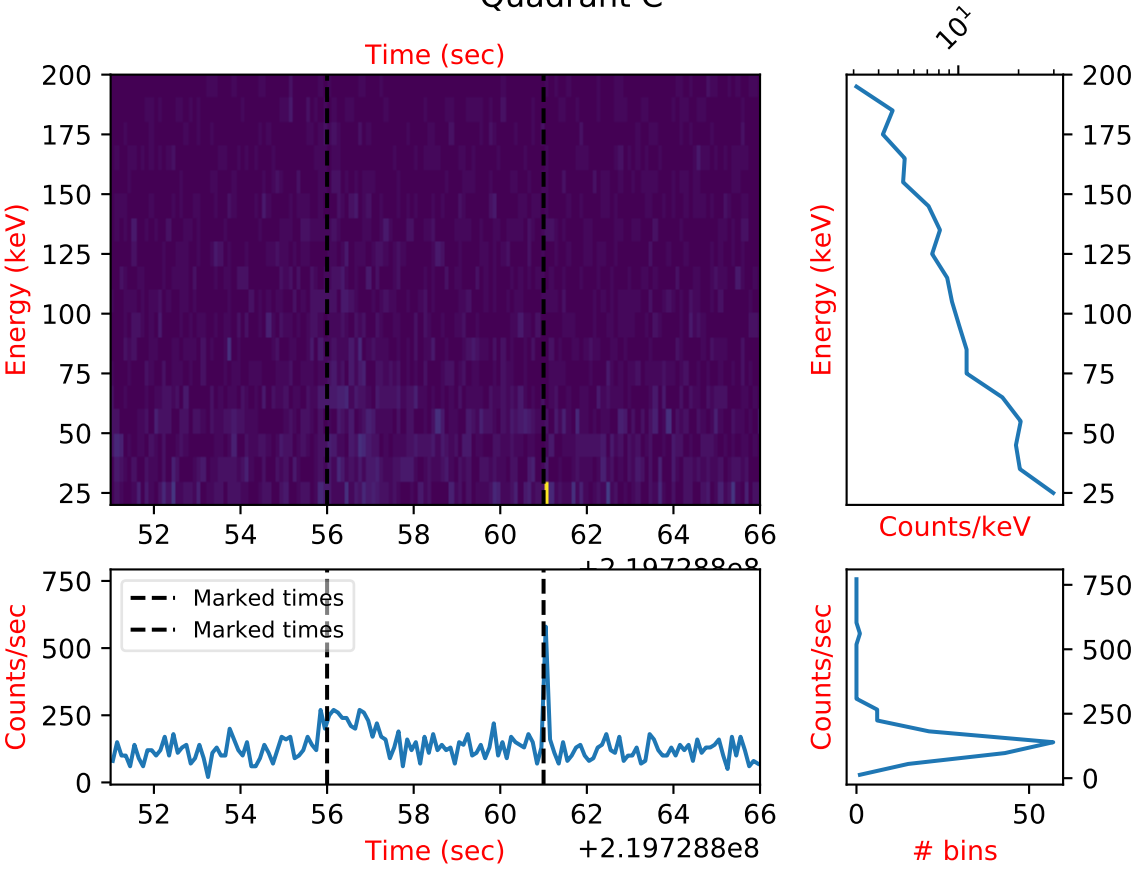

LC: Quad A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
300
250
200
150
100
50
0
52
54
56
58
60
62
64
66
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)
+2.197288e8

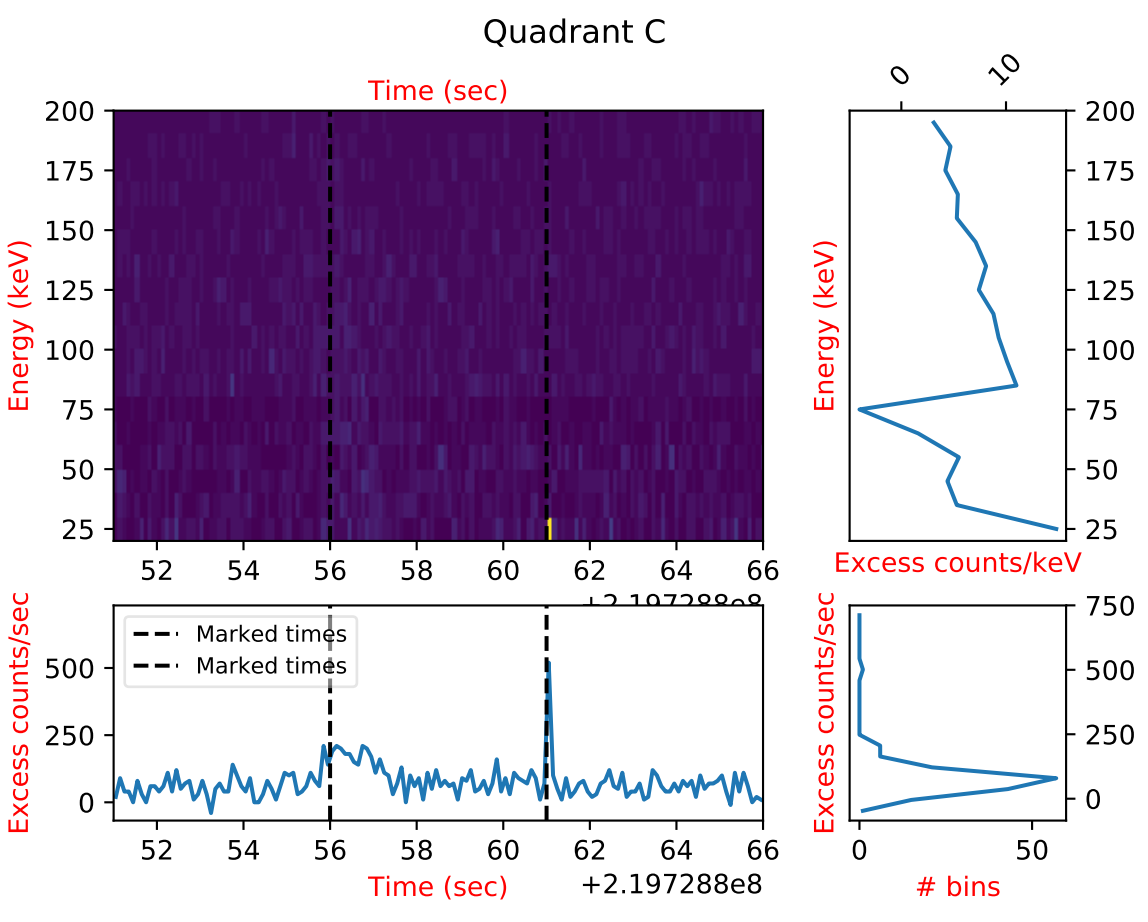

Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
Marked times
bins
+2.197288e8

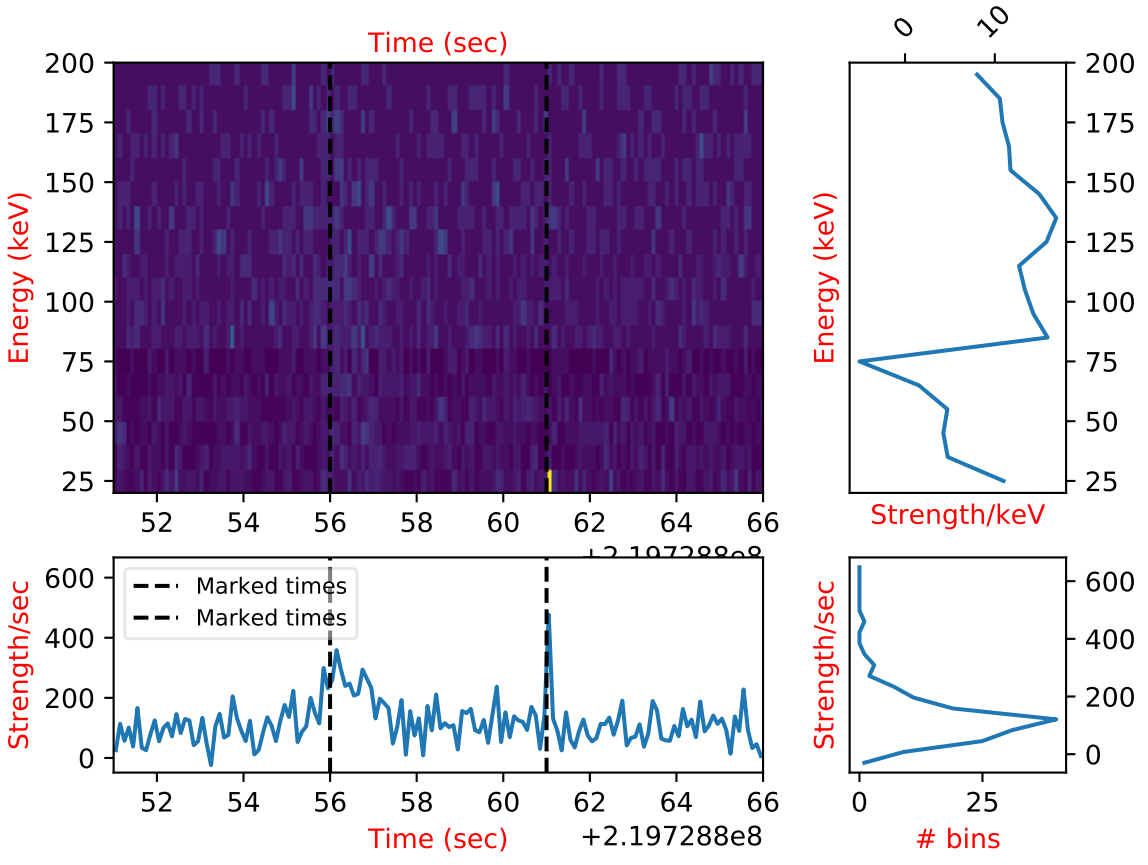

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
bins
+2.197288e8

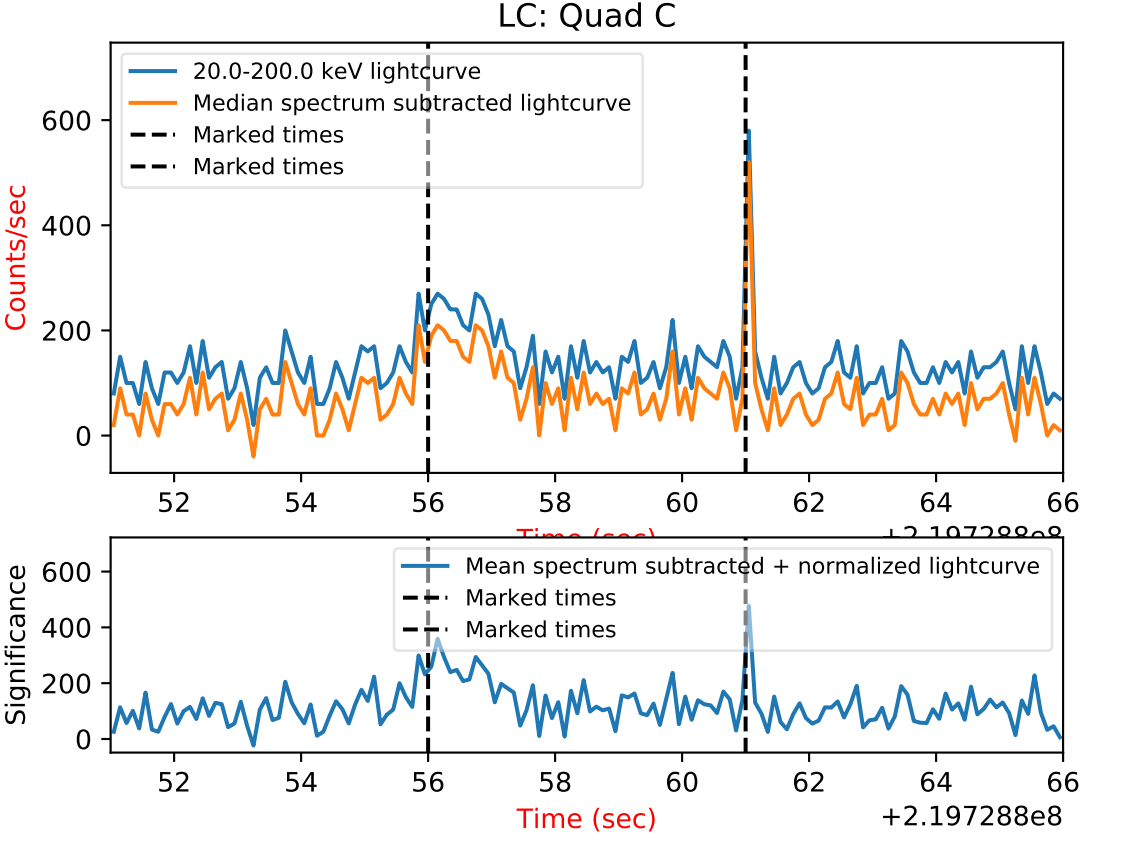

Quadrant B
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
+2.197288e8
0
20
Strength/keV
Strength/sec
400
200
Marked times
Marked times
0
bins

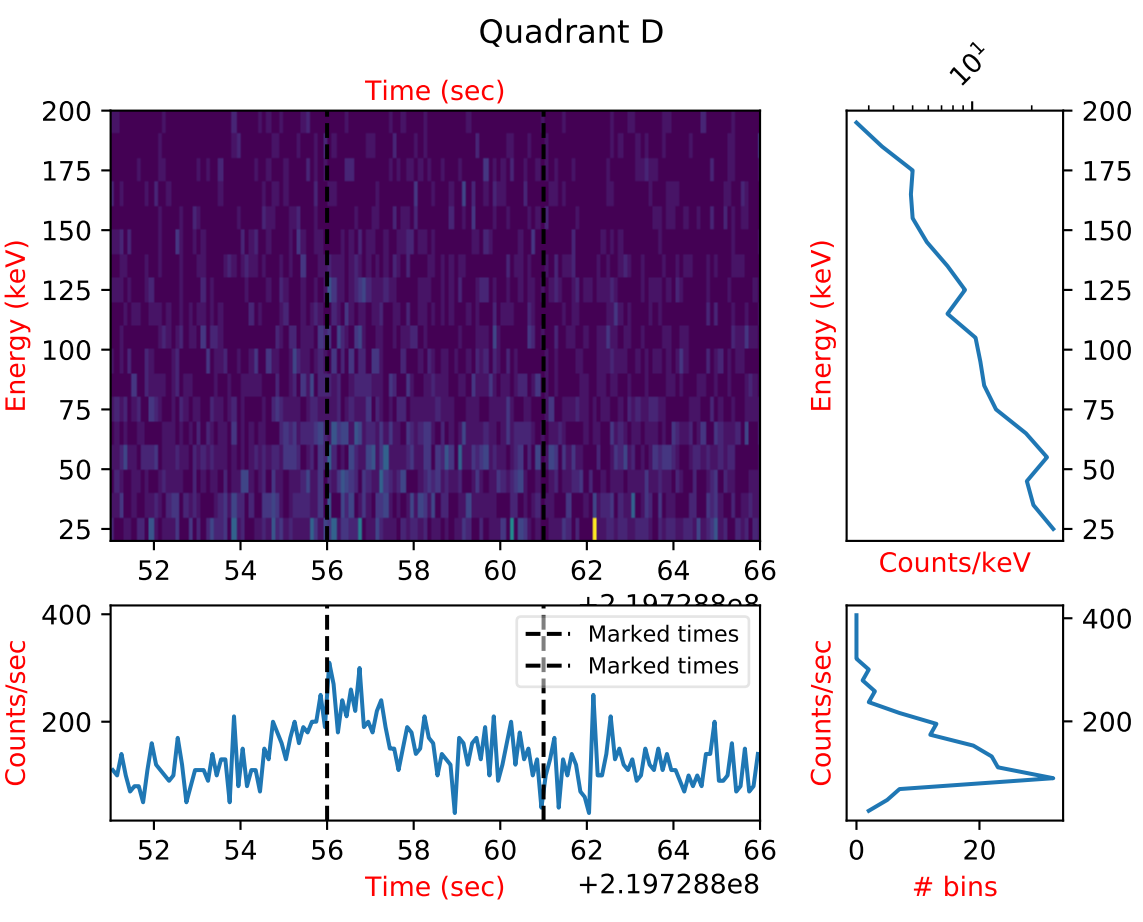

LC: Quad B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
300
250
200
150
100
50
0
52
54
56
58
60
62
64
66
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
Time (sec)
+2.197288e8

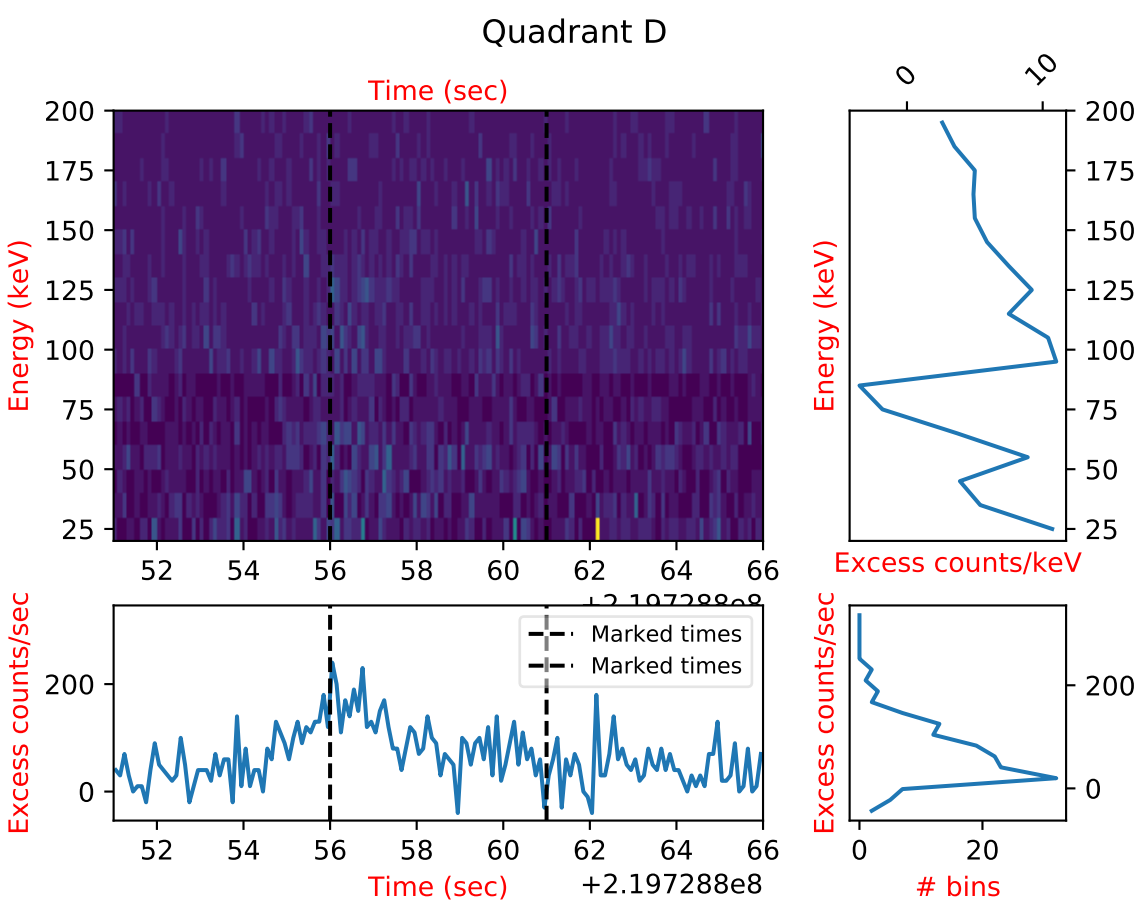

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
10^1
Counts/keV
Marked times
Marked times
Counts/sec
750
500
250
0
+2.197288e8
bins

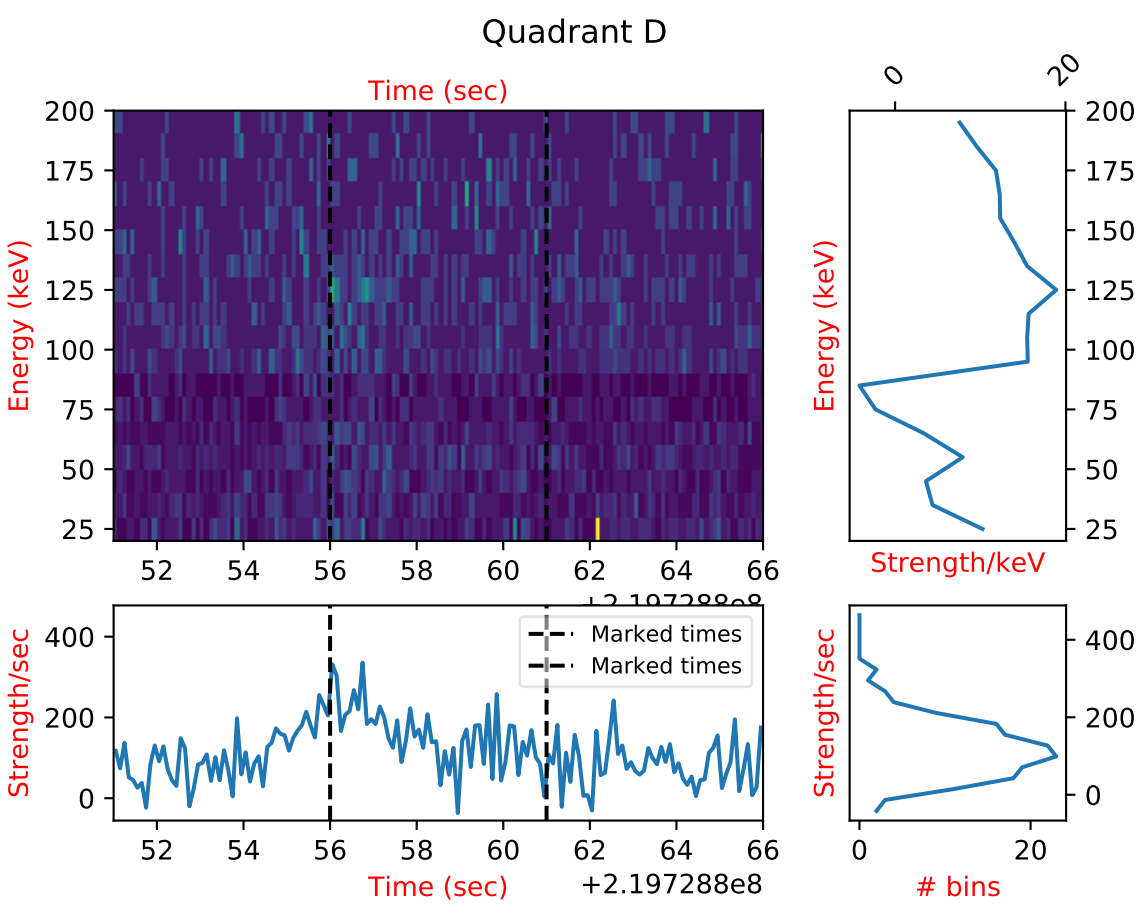

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
+2.197288e8
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
500
250
0
750
bins

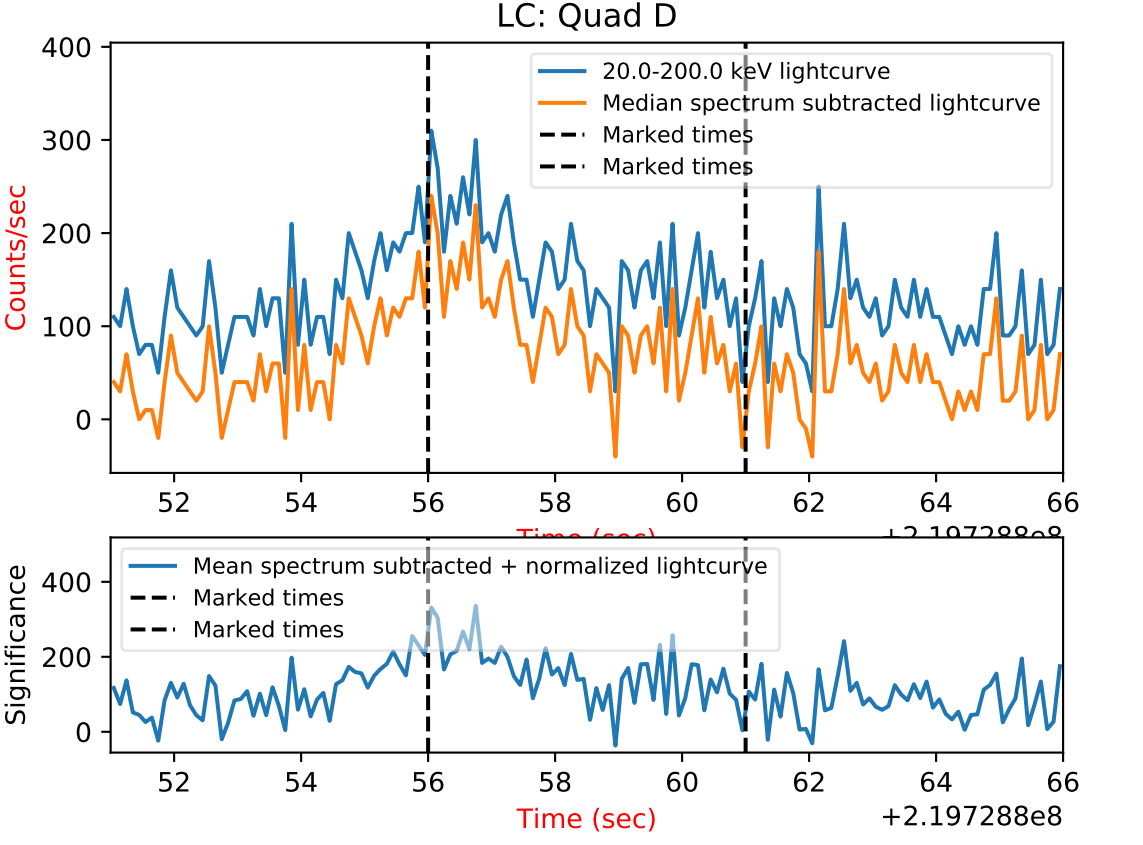

Quadrant C
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
0
10
Strength/keV
Strength/sec
600
400
200
0
Marked times
Marked times
+2.197288e8
bins
25

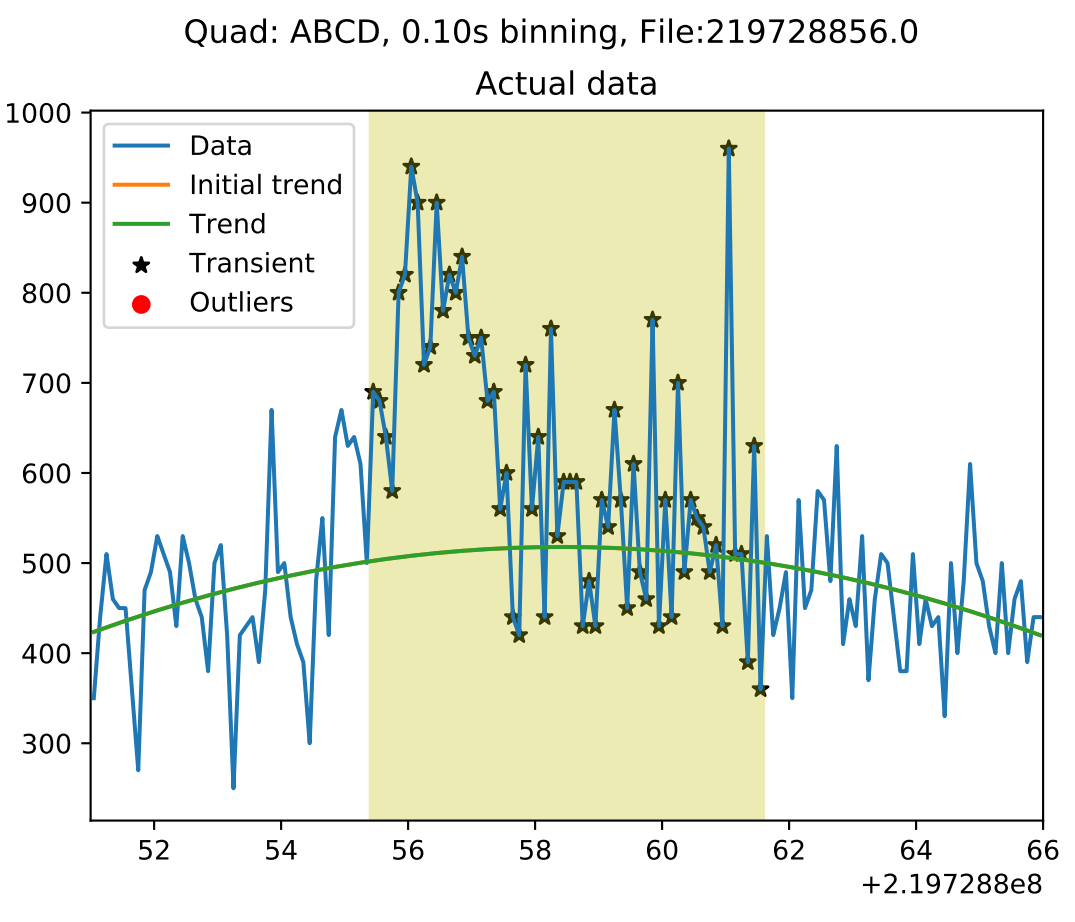

LC: Quad C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
600
400
200
0
52
54
56
58
60
62
64
66
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
600
400
200
0
52
54
56
58
60
62
64
66
Time (sec)
+2.197288e8

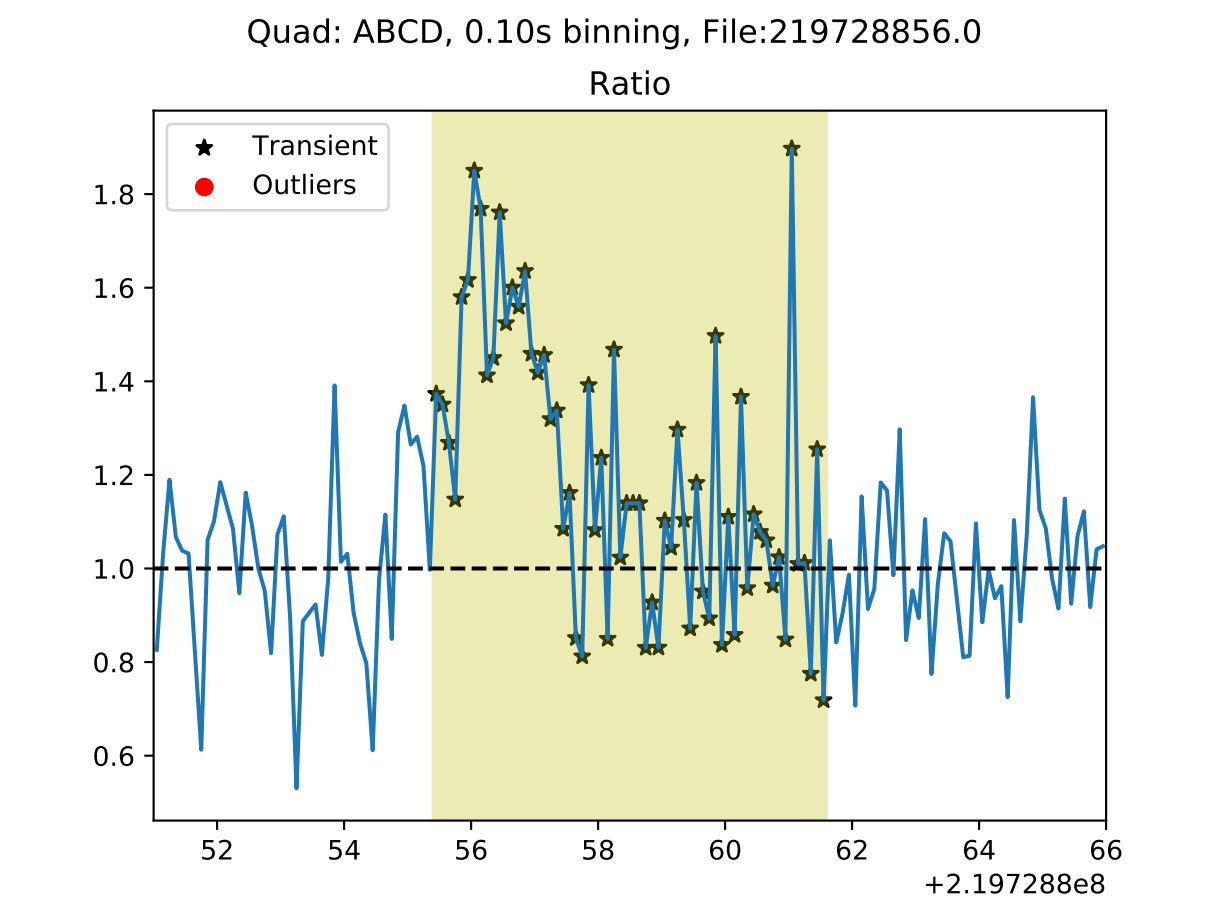

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
10^1
Counts/keV
Counts/sec
400
200
Marked times
Marked times
+2.197288e8
0
20
bins

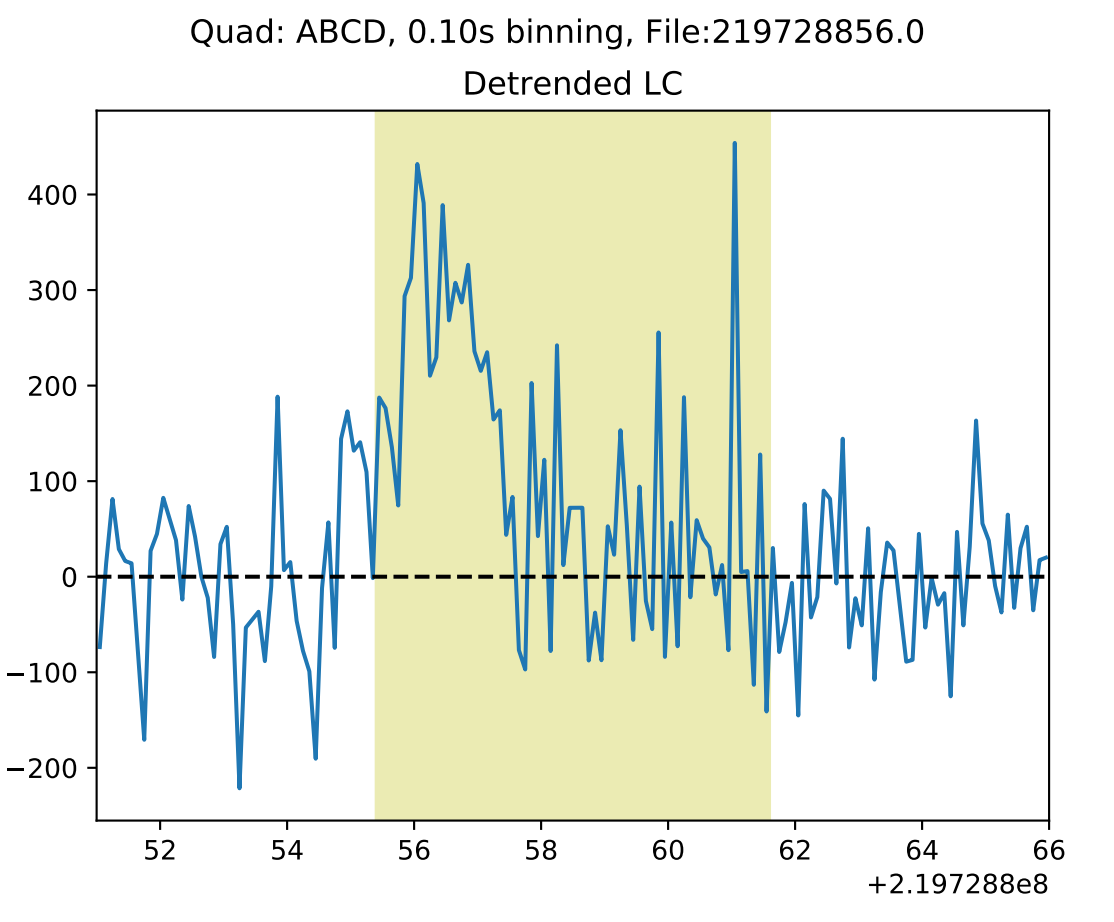

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
0
10
Excess counts/keV
Excess counts/sec
Marked times
Marked times
+2.197288e8
bins
20

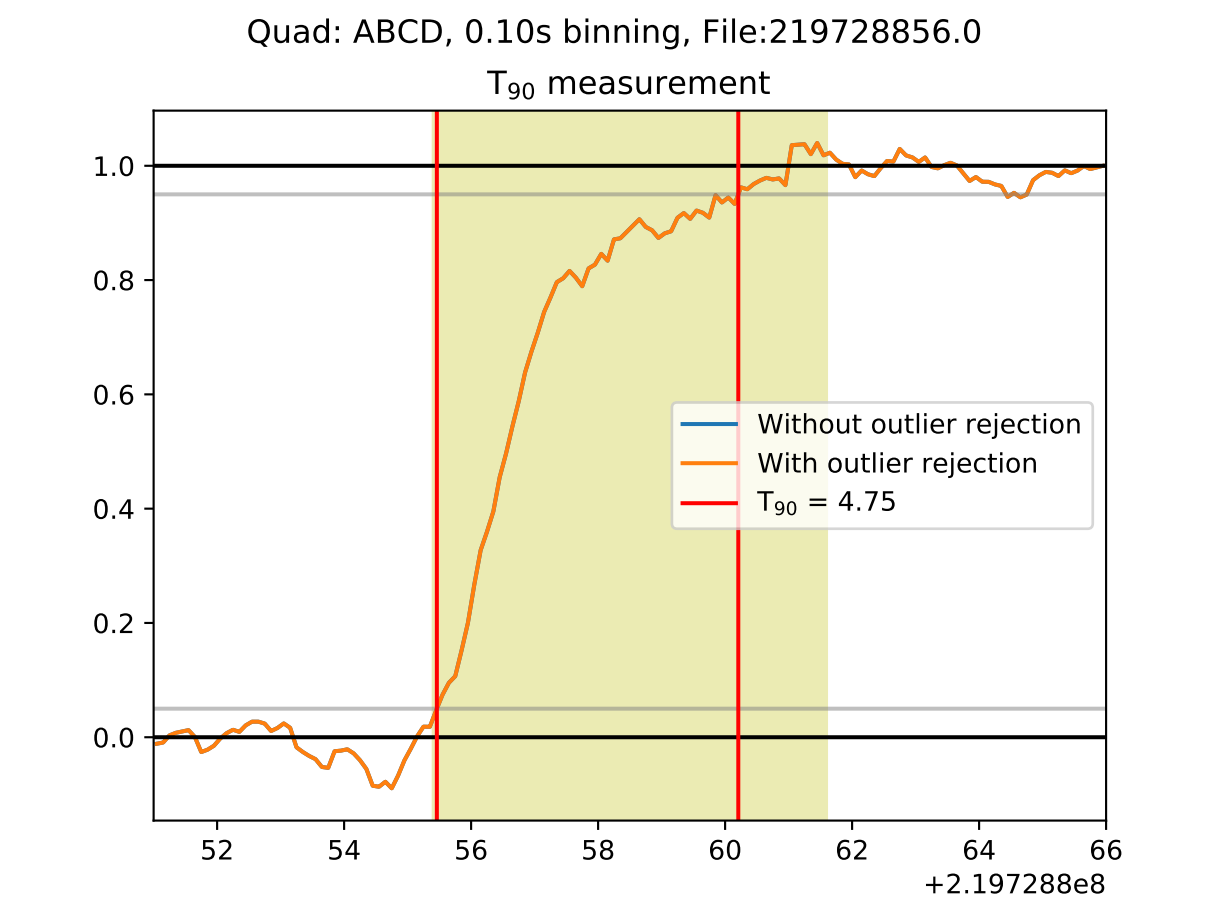

Quadrant D
Time (sec)
Energy (keV)
200
175
150
125
100
75
50
25
52
54
56
58
60
62
64
66
0
20
Strength/keV
Strength/sec
400
200
0
Marked times
Marked times
+2.197288e8
bins

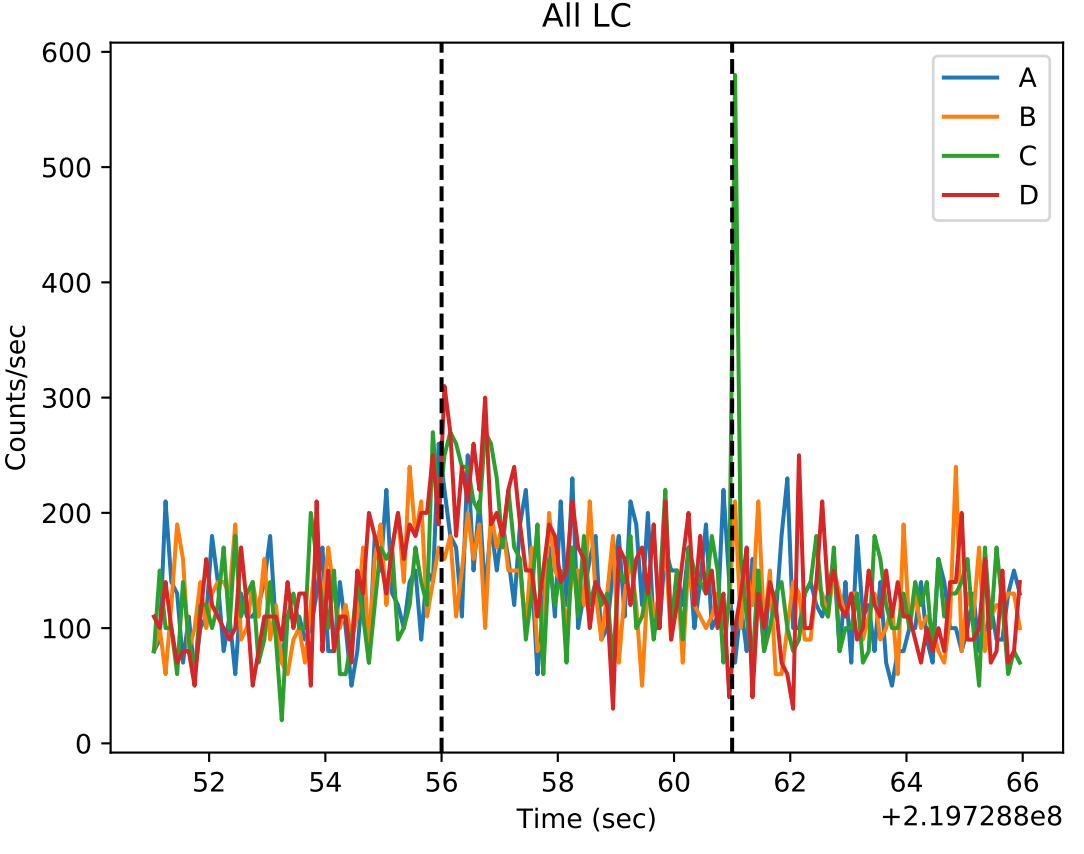

LC: Quad D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
400
300
200
100
0
52
54
56
58
60
62
64
66
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
400
200
0
Time (sec)
+2.197288e8


Quad: ABCD, 0.10s binning, File:219728856.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
1000
900
800
700
600
500
400
300
52
54
56
58
60
62
64
66
+2.197288e8


Quad: ABCD, 0.10s binning, File:219728856.0
Ratio
Transient
Outliers
1.8
1.6
1.4
1.2
1.0
0.8
0.6
52
54
56
58
60
62
64
66
+2.197288e8


Quad: ABCD, 0.10s binning, File:219728856.0
Detrended LC
400
300
200
100
0
−100
−200
52
54
56
58
60
62
64
66
+2.197288e8


Quad: ABCD, 0.10s binning, File:219728856.0
T90 measurement
1.0
0.8
0.6
0.4
0.2
0.0
52
54
56
58
60
62
64
66
+2.197288e8
Without outlier rejection
With outlier rejection
T90 = 4.75


All LC
A
B
C
D
Counts/sec
Time (sec)
+2.197288e8
0
100
200
300
400
500
600
52
54
56
58
60
62
64
66