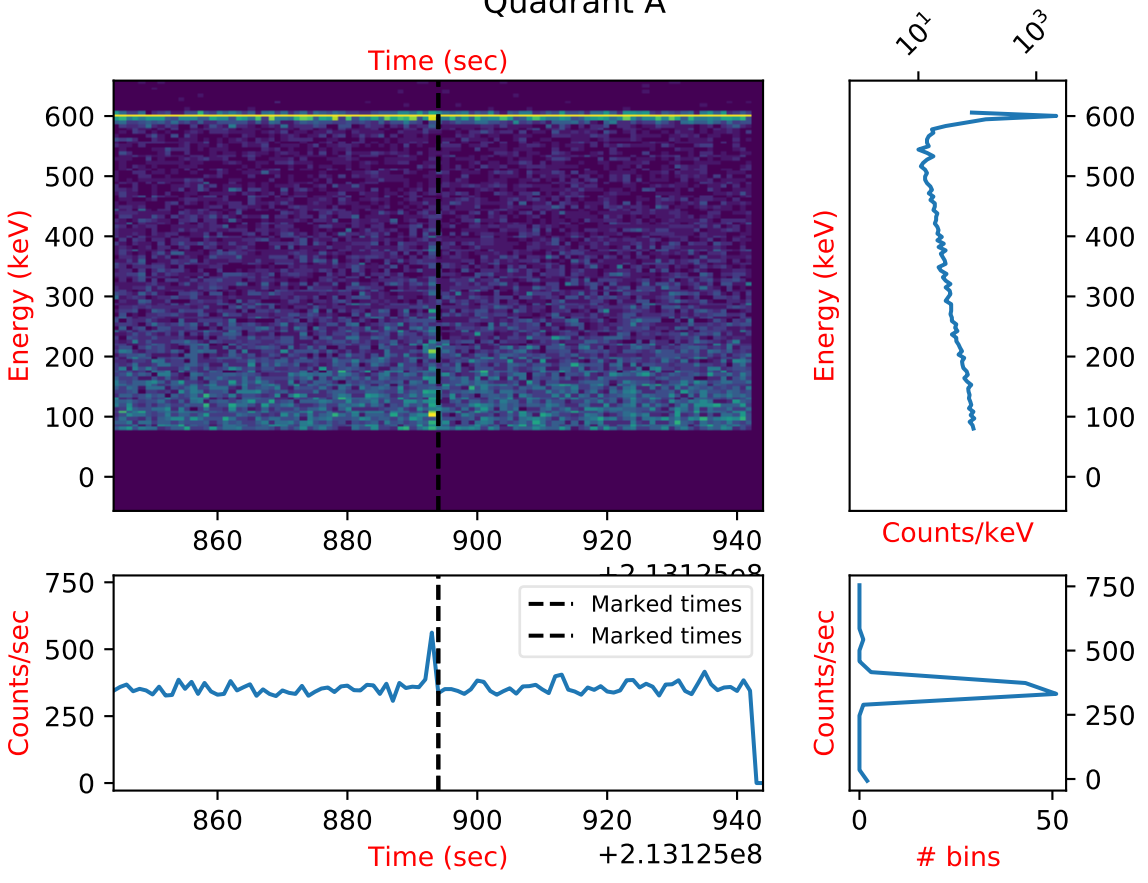
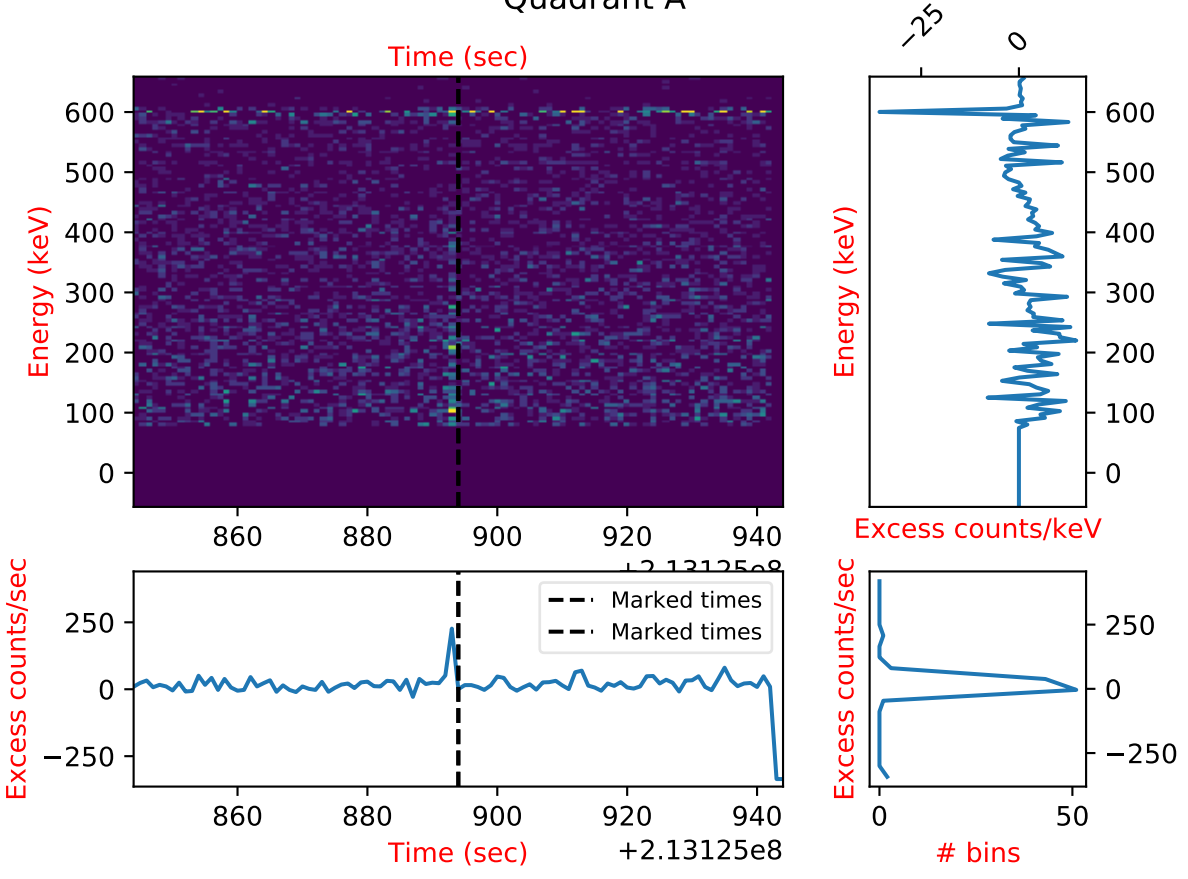
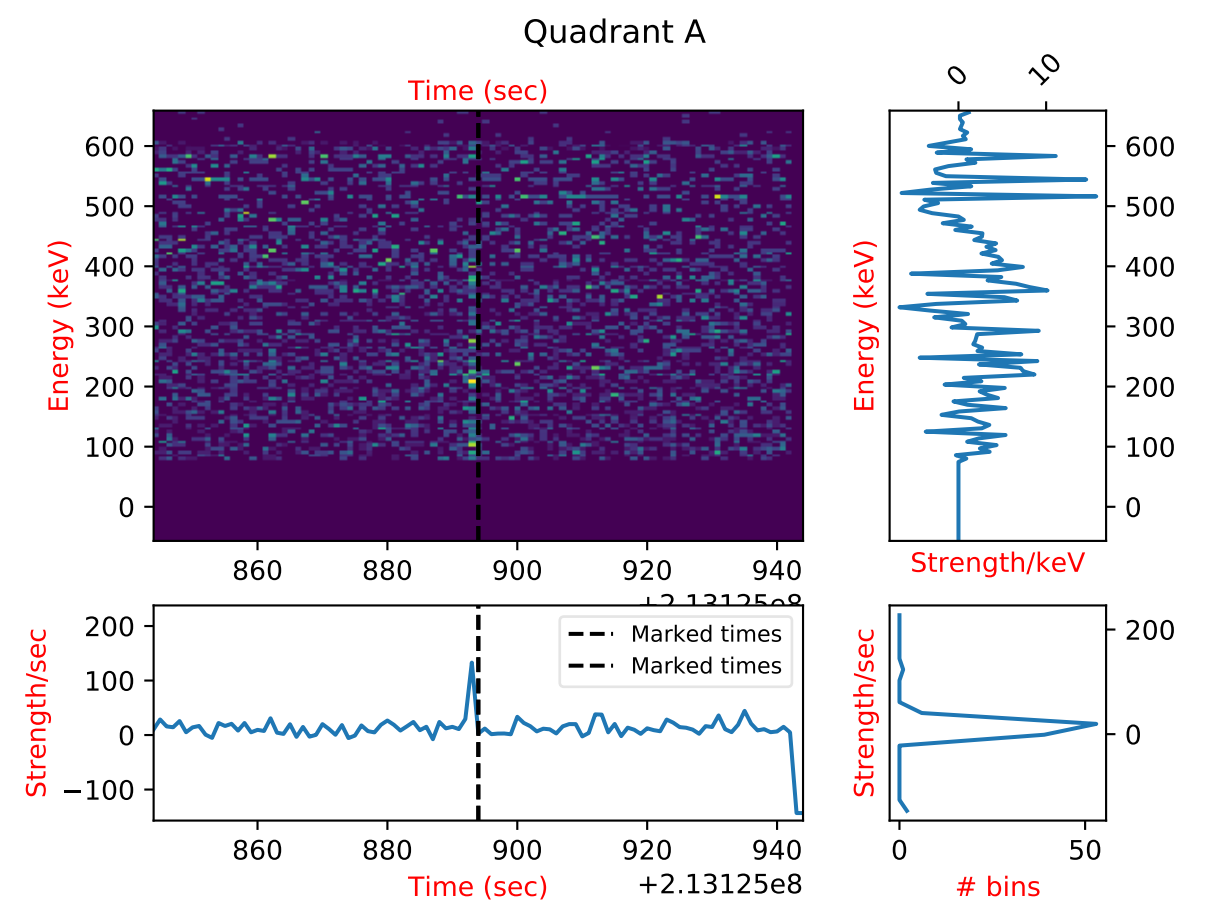
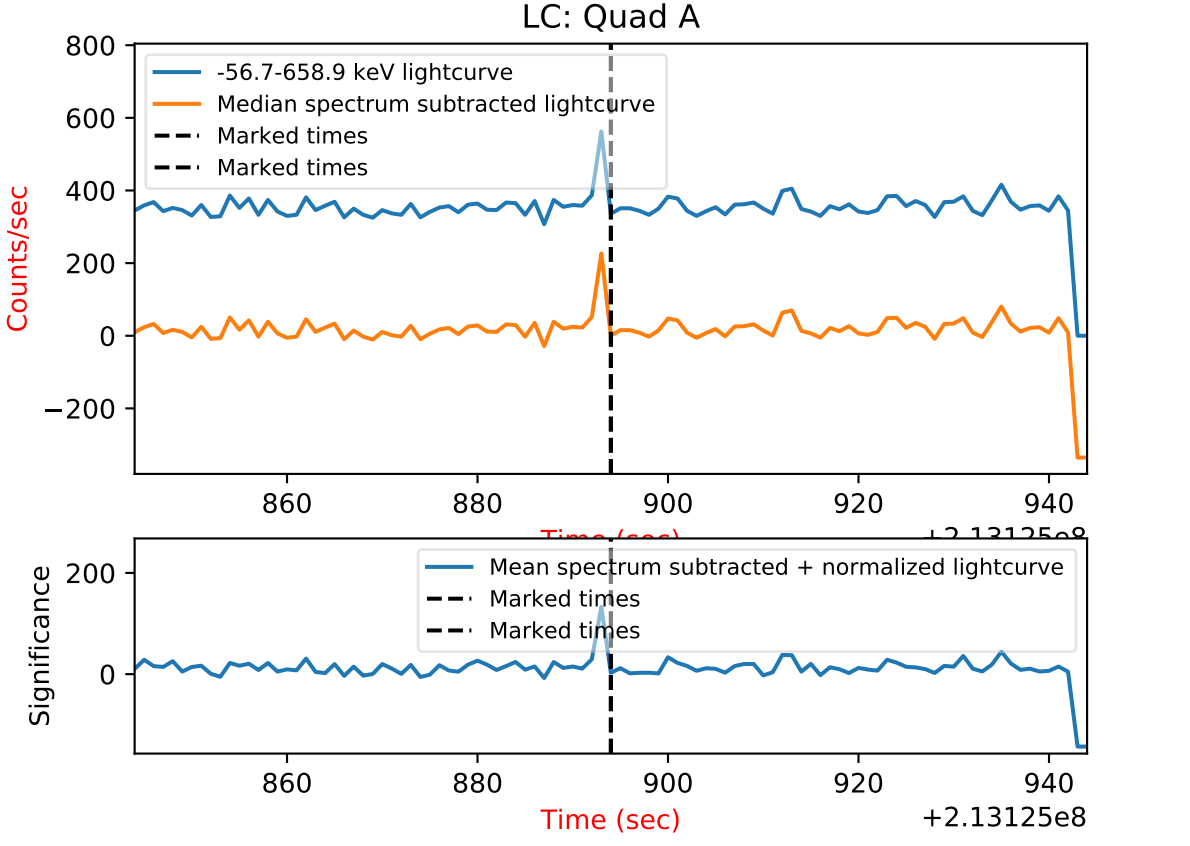
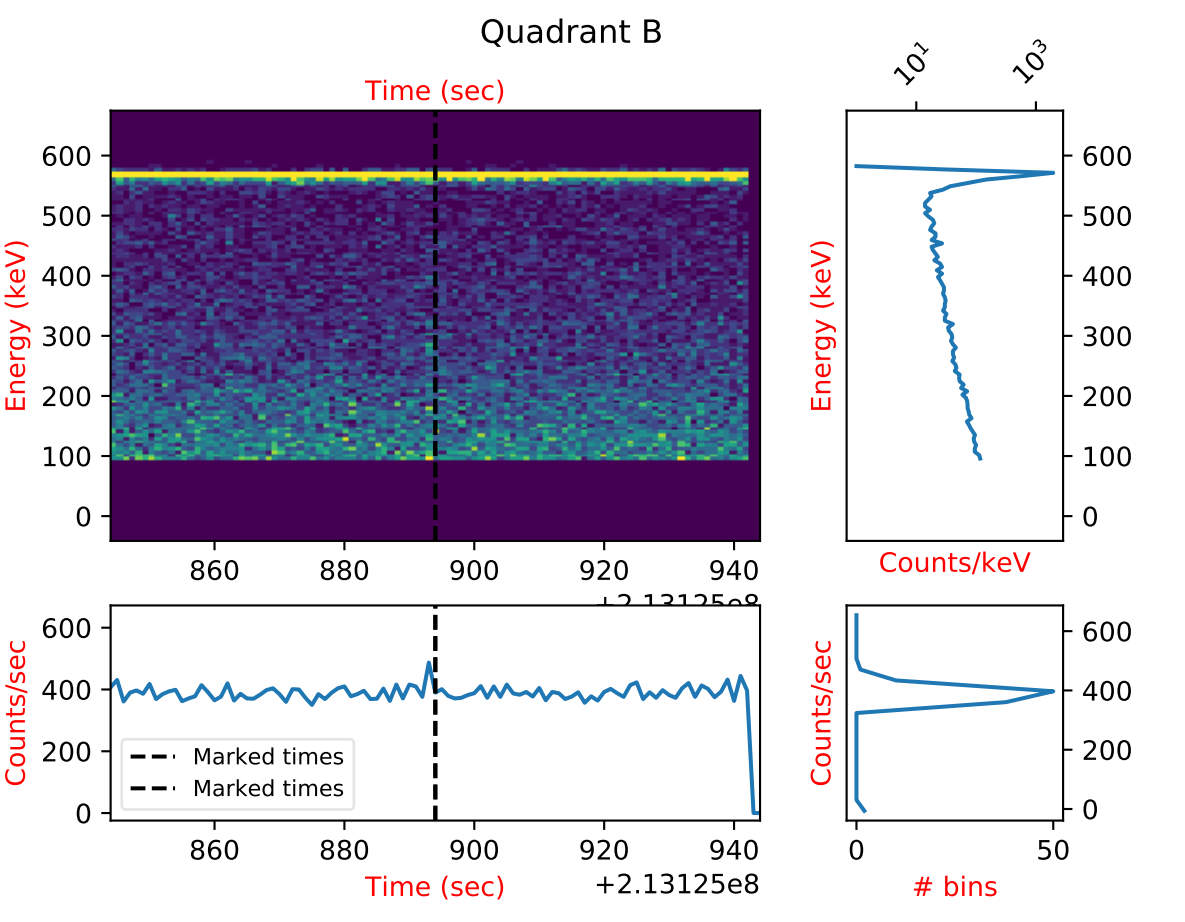
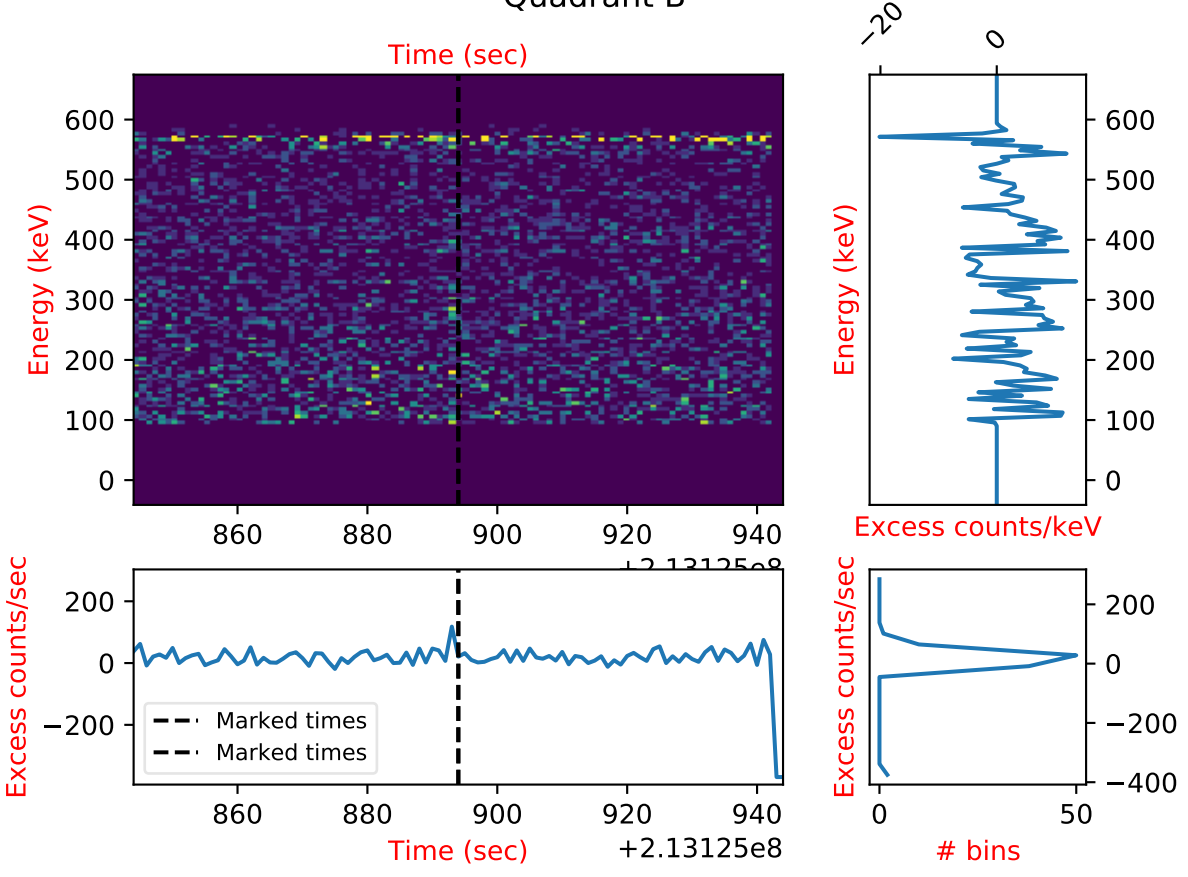

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
10^1
10^3
Counts/keV
Counts/sec
750
500
250
0
Marked times
Marked times
+2.13125e8
bins
50

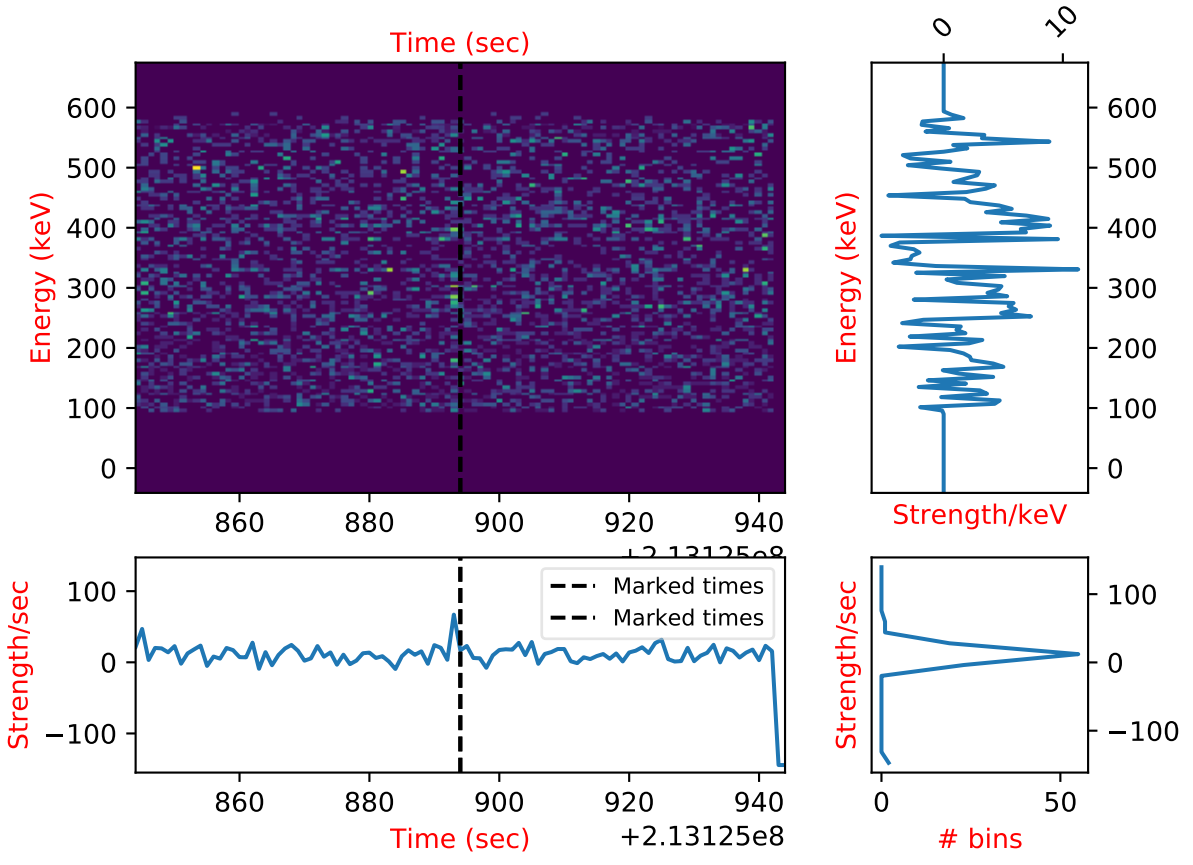

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
−25
0
Excess counts/keV
Excess counts/sec
250
0
−250
Marked times
Marked times
+2.13125e8
bins
50

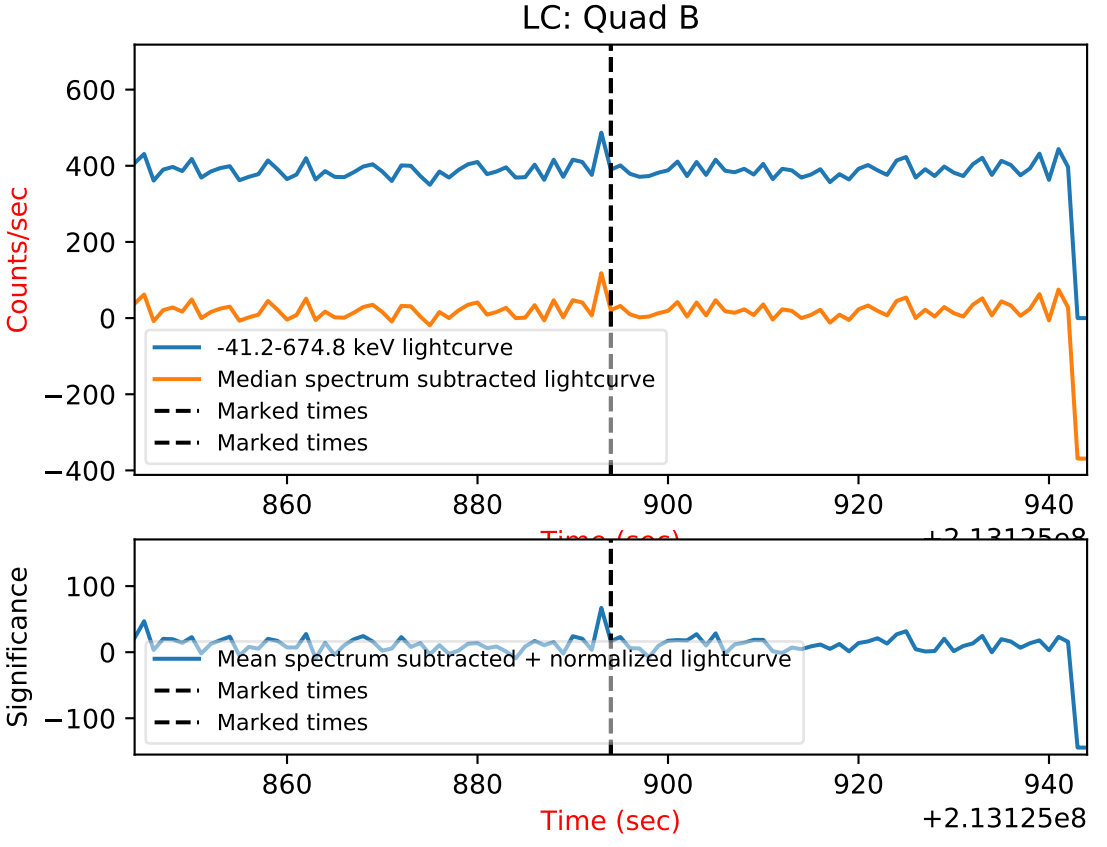

Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
+2.13125e8
0
10
Strength/keV
Strength/sec
200
100
0
−100
Marked times
Marked times
Time (sec)
+2.13125e8
50
bins

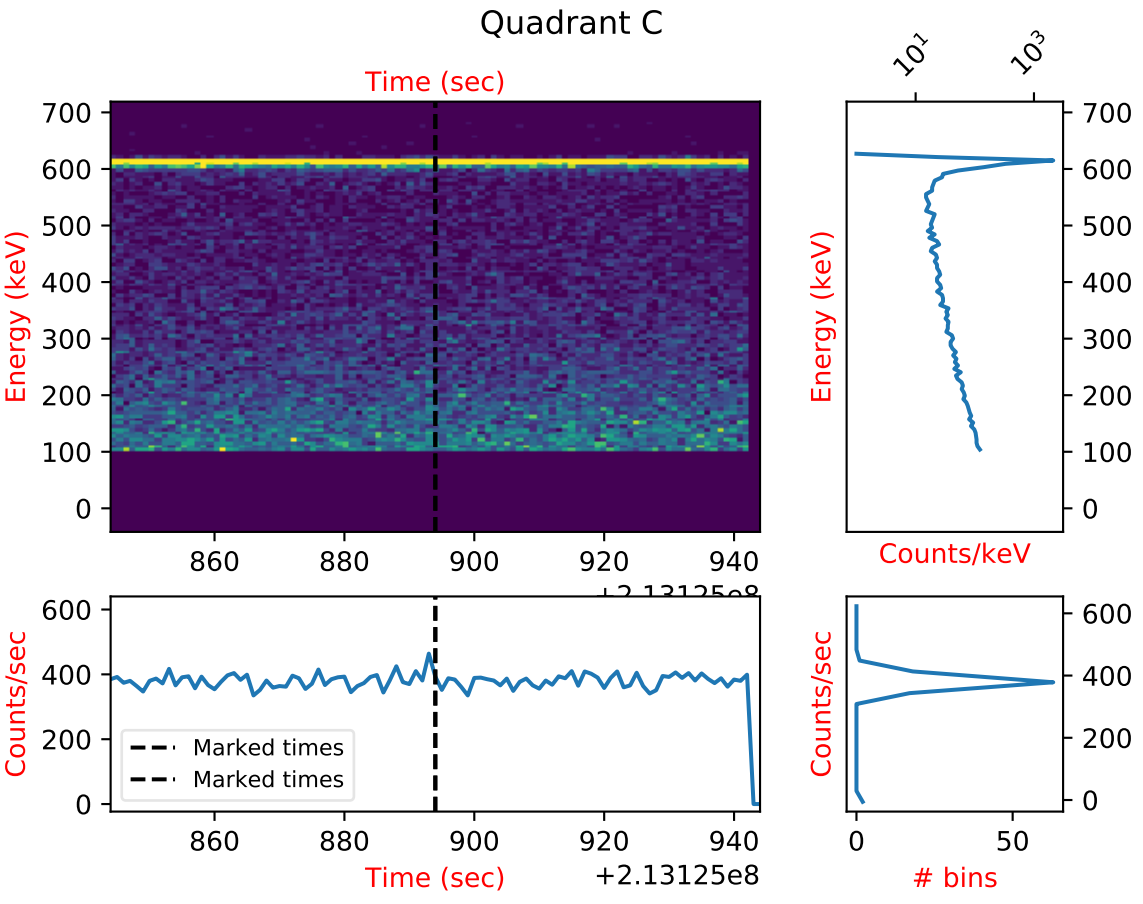

LC: Quad A
-56.7-658.9 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
800
600
400
200
0
−200
860
880
900
920
940
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
0
Time (sec)
+2.13125e8

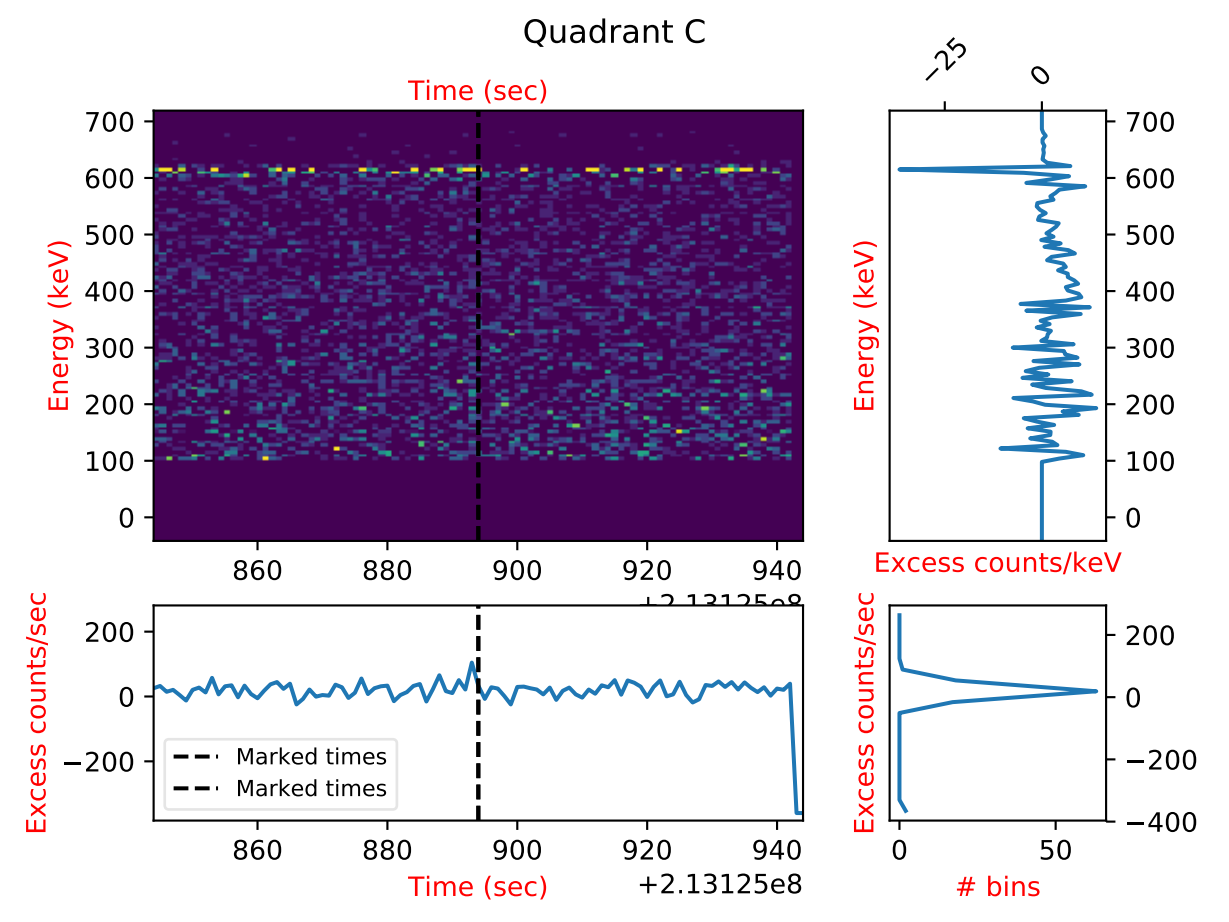

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
+2.13125e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
Marked times
Time (sec)
+2.13125e8
bins
50

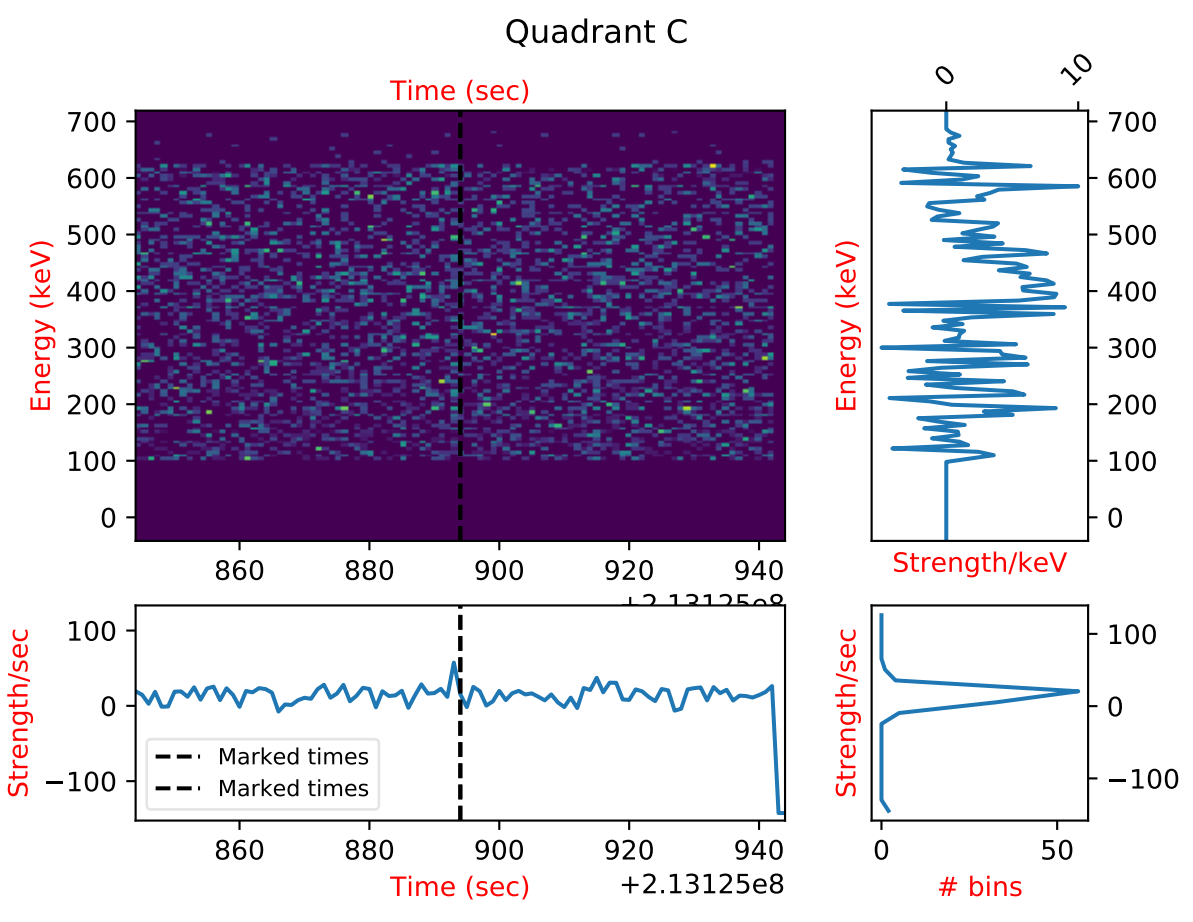

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
−20
0
Excess counts/keV
Excess counts/sec
200
0
−200
Marked times
Marked times
+2.13125e8
−400
50
bins

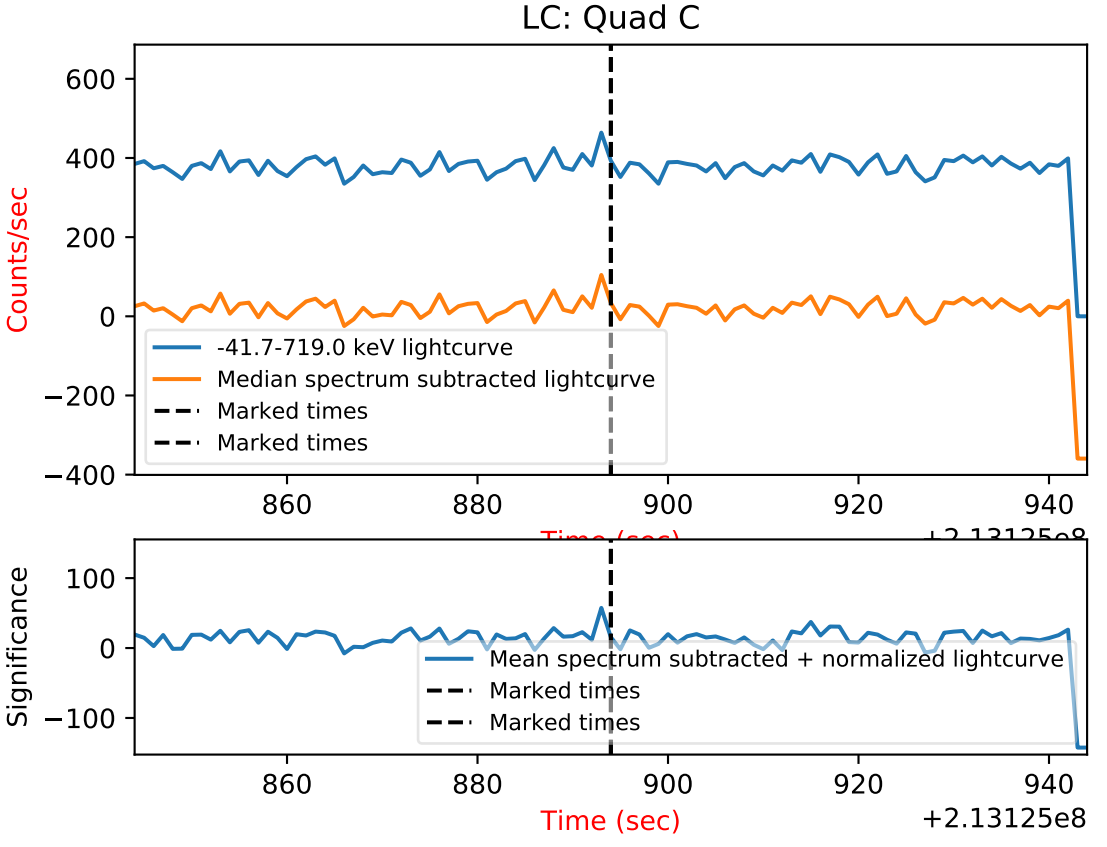

Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
+2.13125e8
0
10
Strength/keV
Strength/sec
Marked times
Marked times
100
0
−100
Time (sec)
+2.13125e8
bins
50

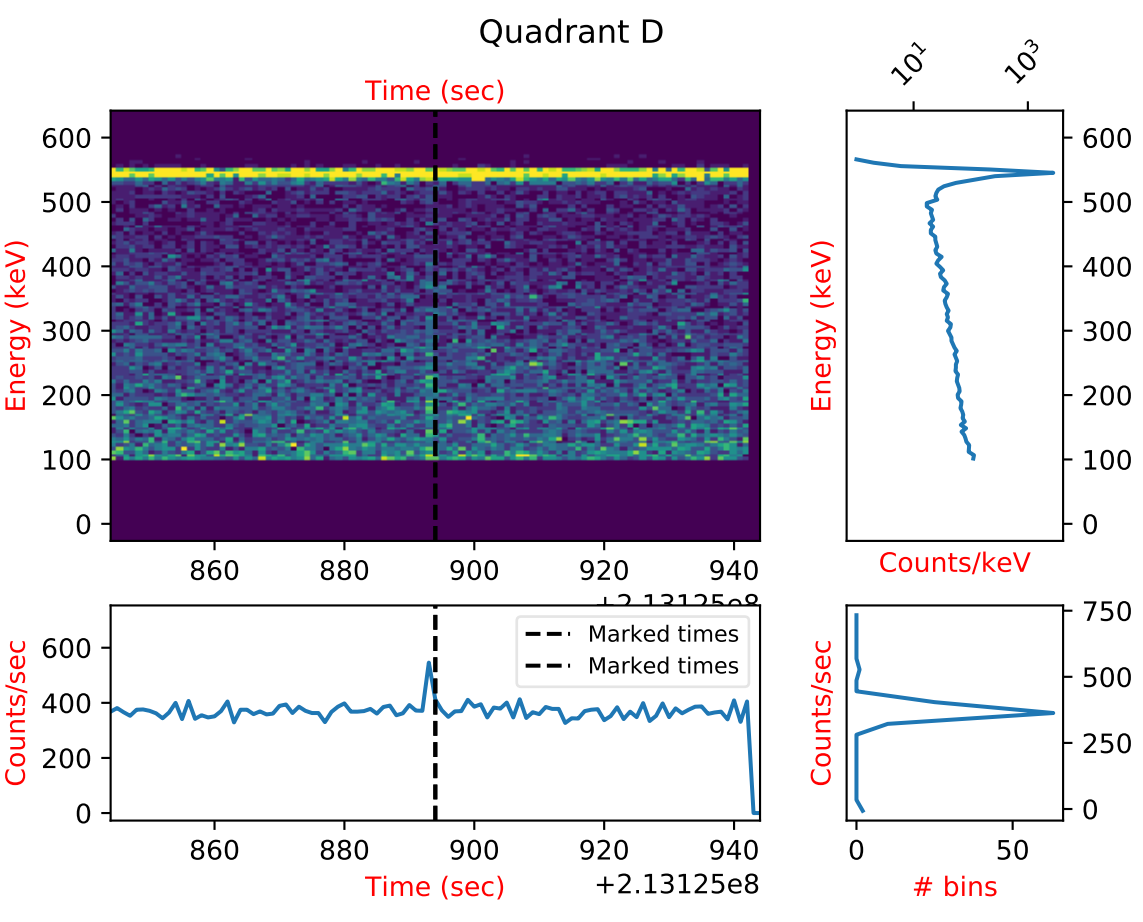

LC: Quad B
Counts/sec
600
400
200
0
−200
−400
-41.2-674.8 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
860
880
900
920
940
Significance
100
0
−100
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
860
880
900
920
940
Time (sec)
+2.13125e8

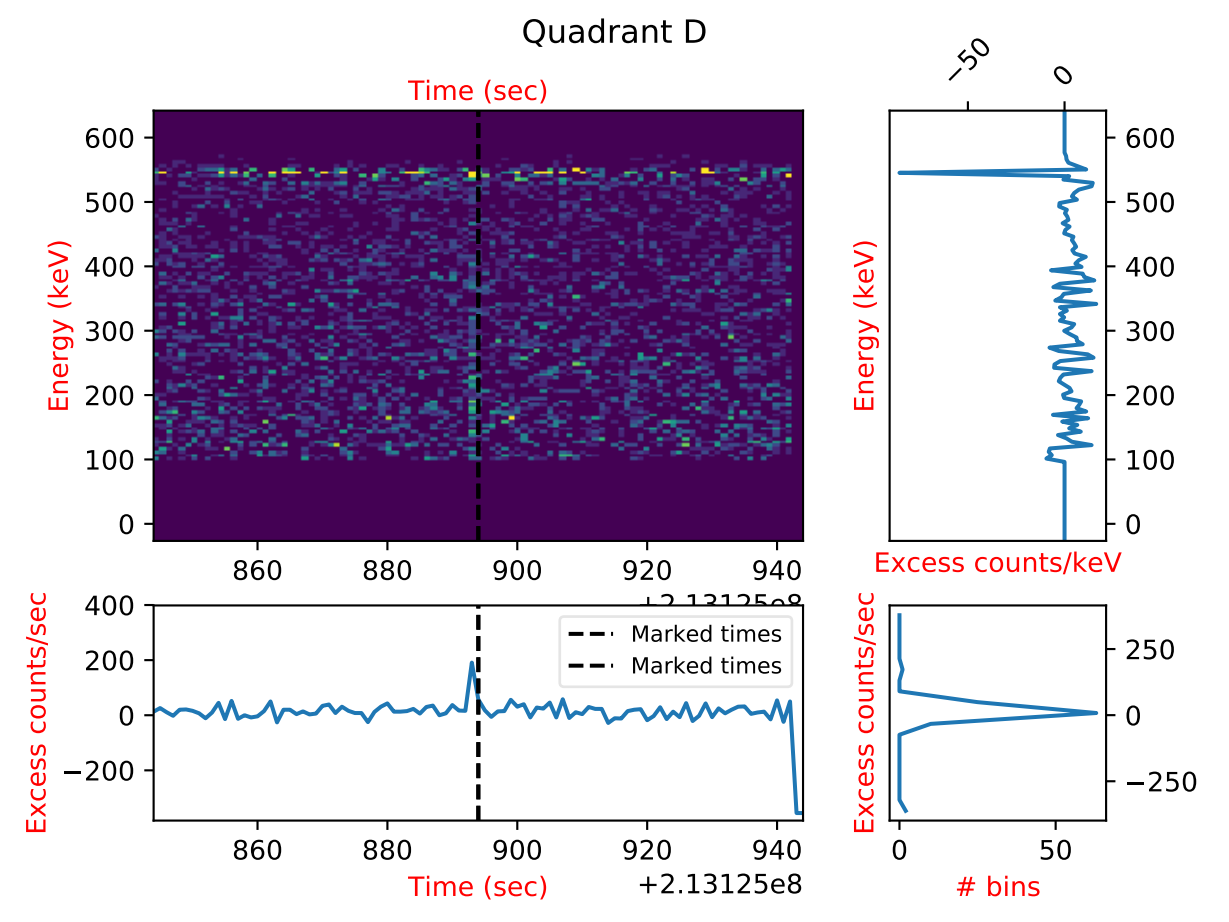

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
860
880
900
920
940
10^1
10^3
Counts/keV
Counts/sec
Marked times
Marked times
+2.13125e8
0
50
bins

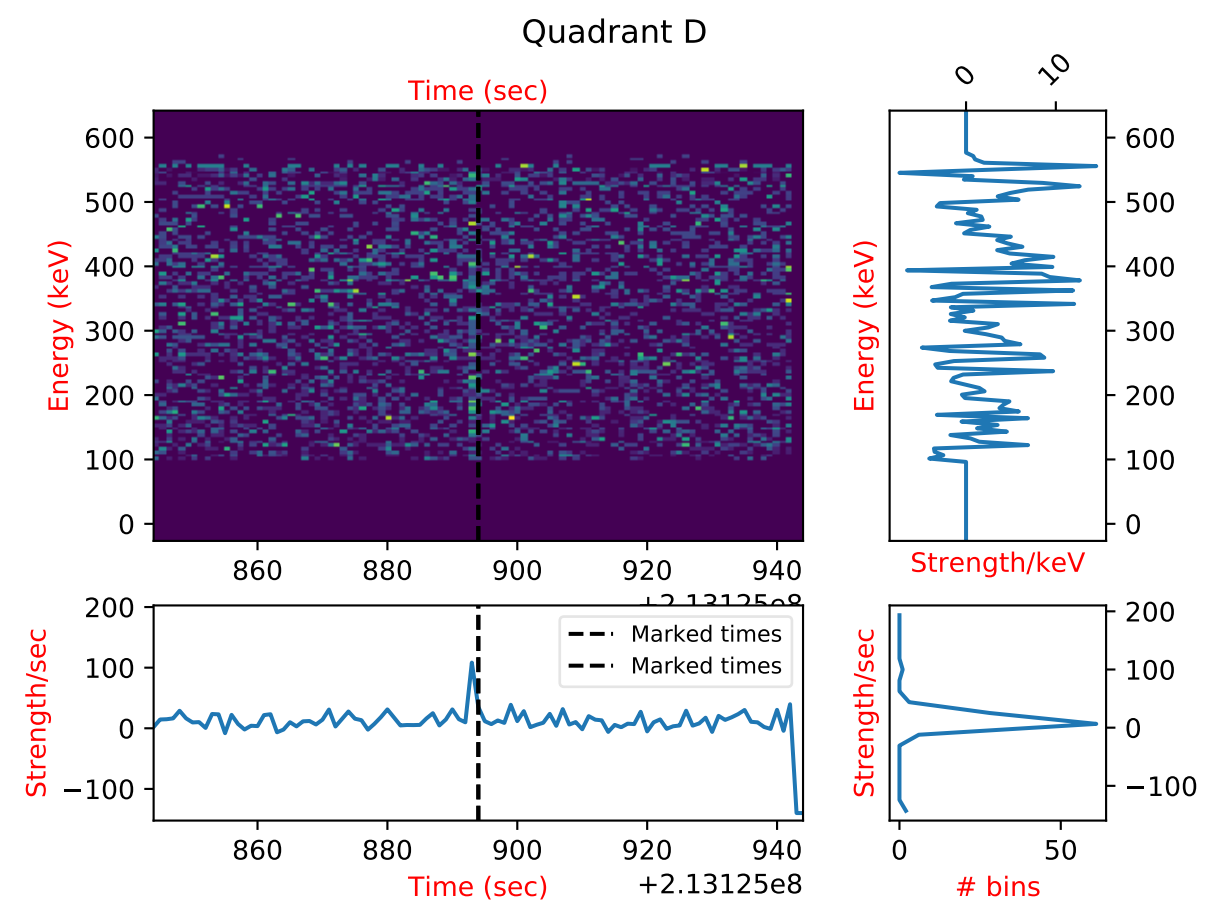

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
860
880
900
920
940
−25
0
Excess counts/keV
Excess counts/sec
200
0
−200
Marked times
Marked times
+2.13125e8
−400
50
bins

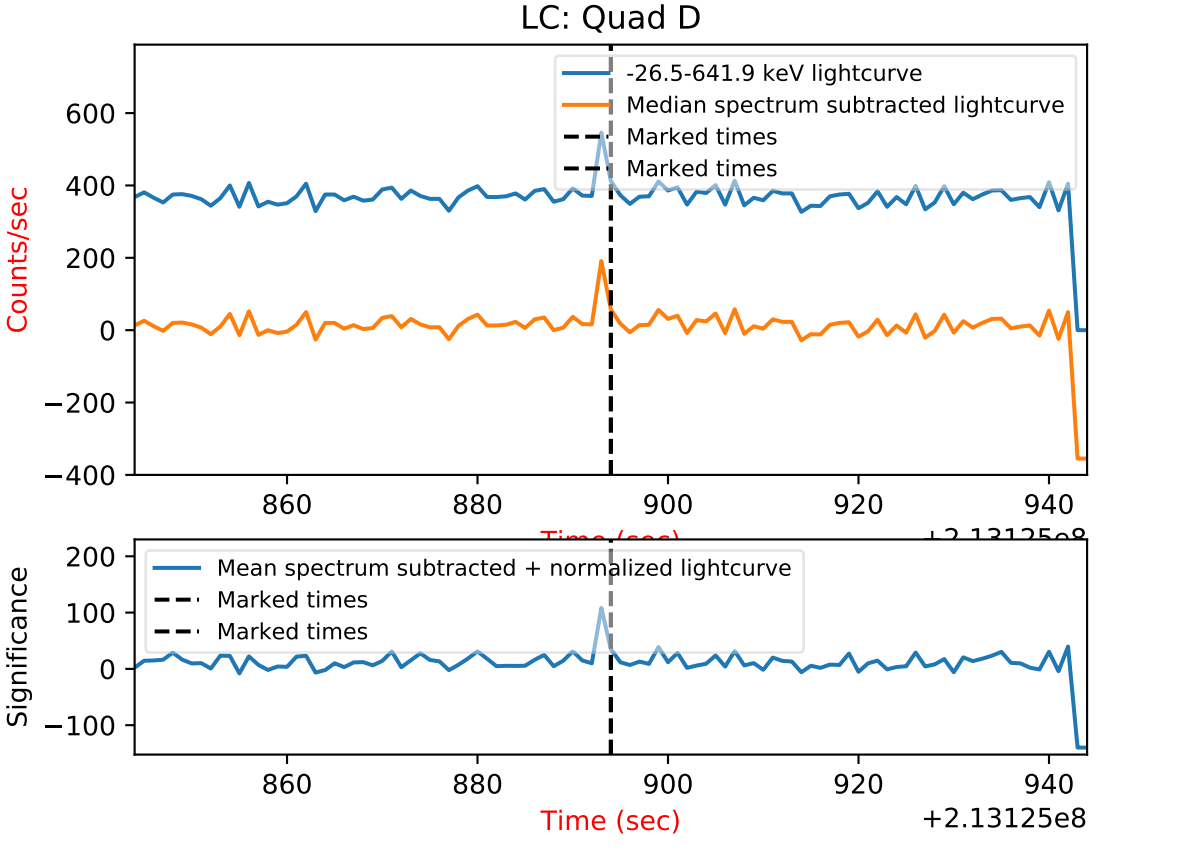

Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
860
880
900
920
940
+2.13125e8
0
10
Strength/keV
Strength/sec
100
0
−100
Marked times
Marked times
bins
50

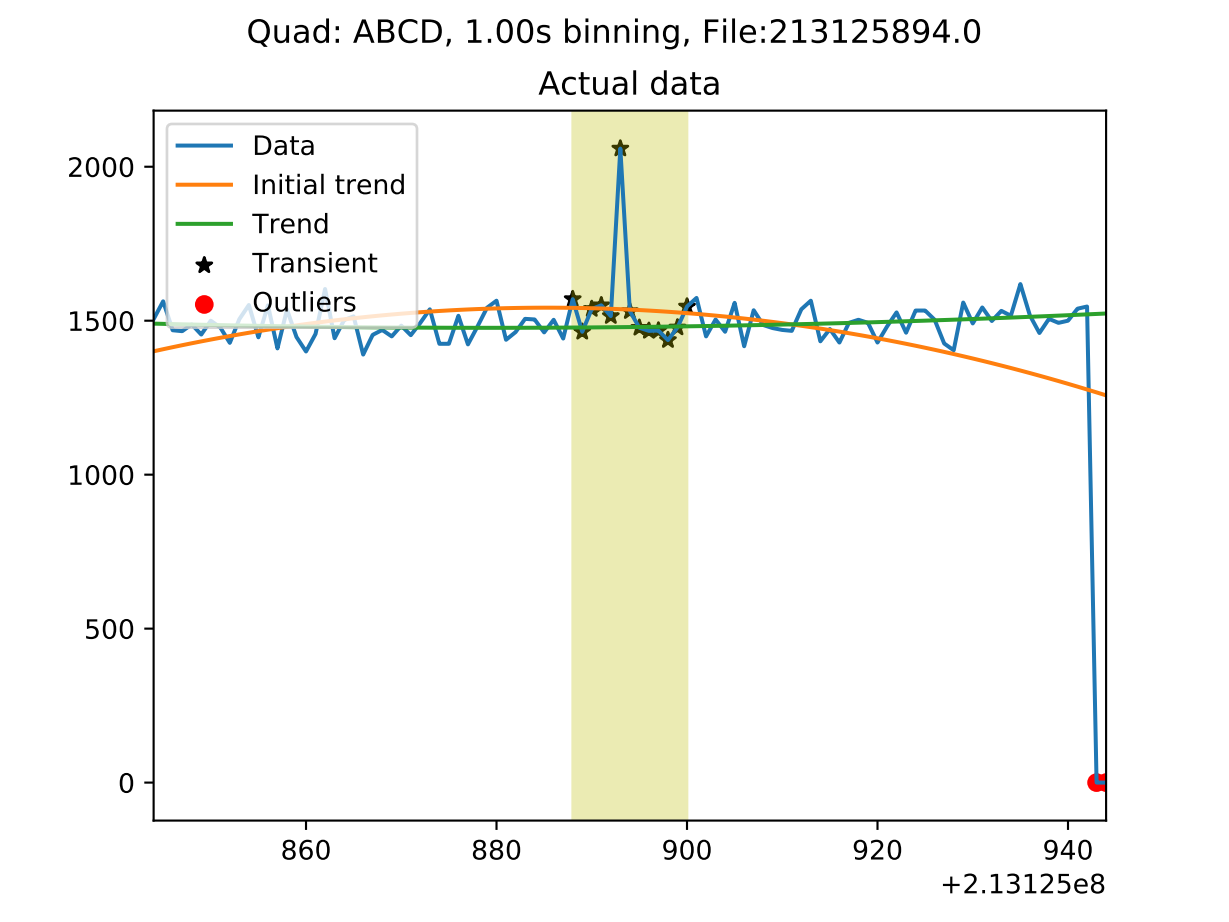

LC: Quad C
Counts/sec
600
400
200
0
−200
−400
-41.7-719.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
860
880
900
920
940
+2.13125e8
Significance
100
0
−100
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
860
880
900
920
940
Time (sec)
+2.13125e8

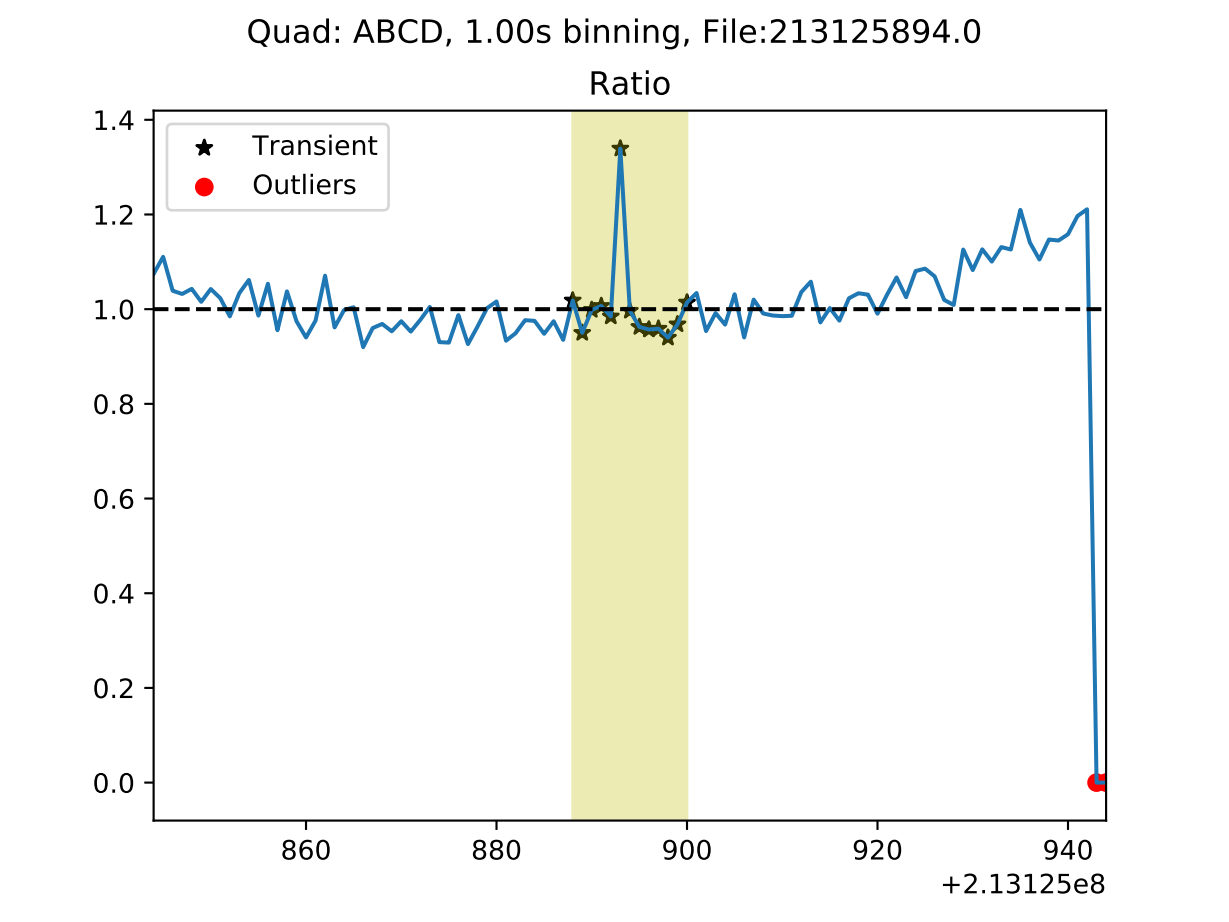

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
+2.13125e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
Marked times
750
250
0
50
bins

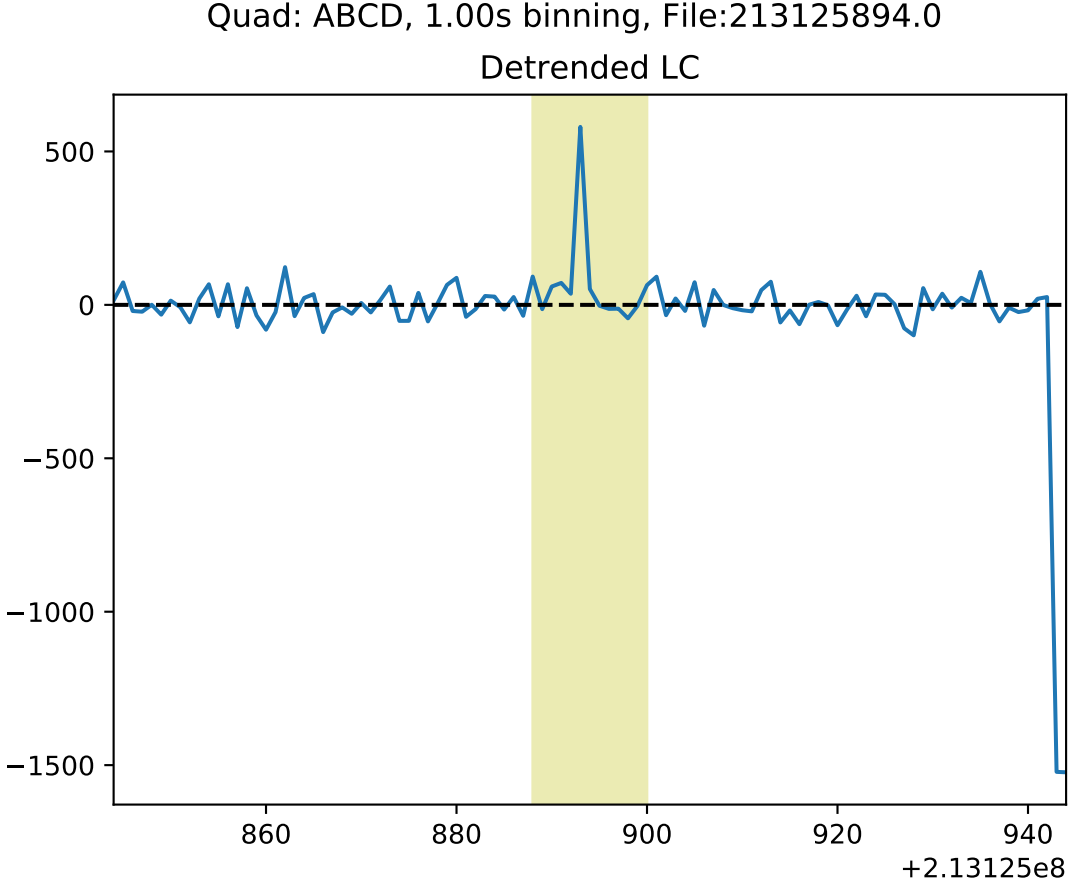

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
−50
0
Excess counts/keV
Excess counts/sec
400
200
0
−200
Marked times
Marked times
+2.13125e8
250
−250
bins
50

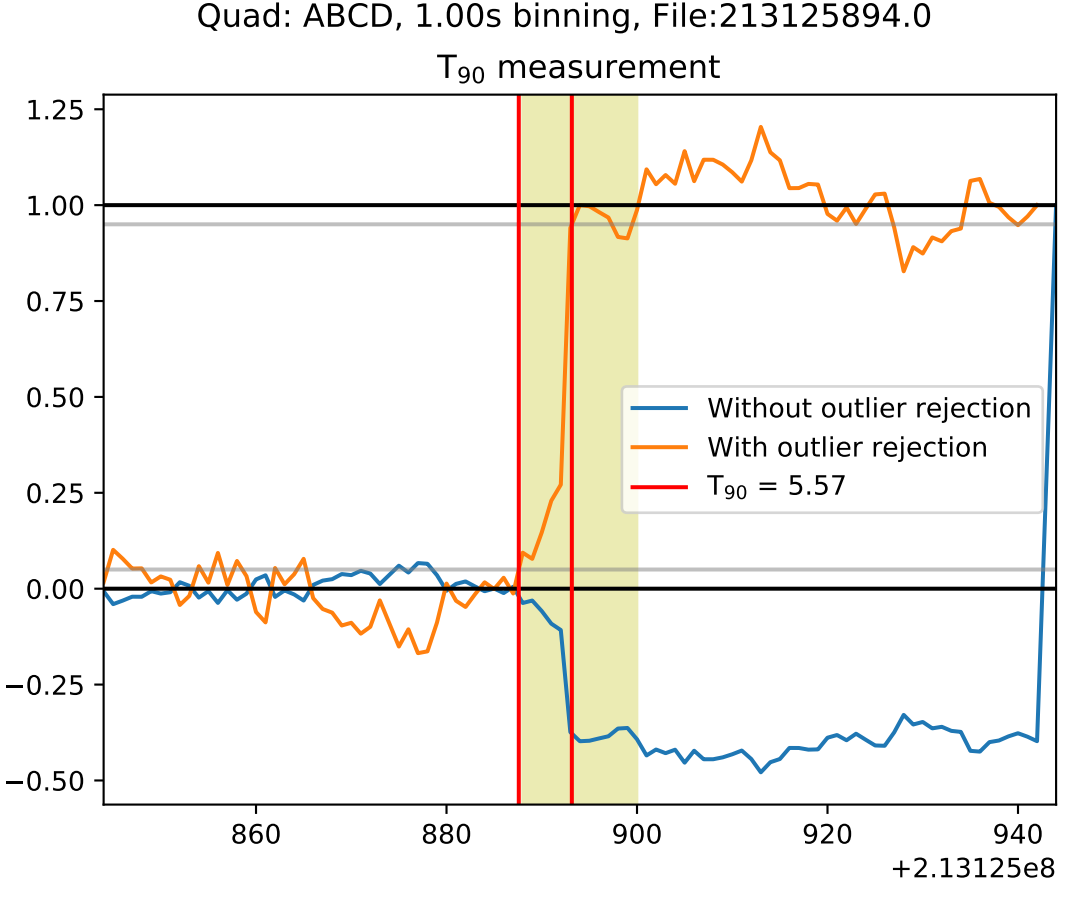

Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
860
880
900
920
940
+2.13125e8
0
10
Strength/keV
Strength/sec
200
100
0
−100
Marked times
Marked times
Time (sec)
+2.13125e8
50
bins

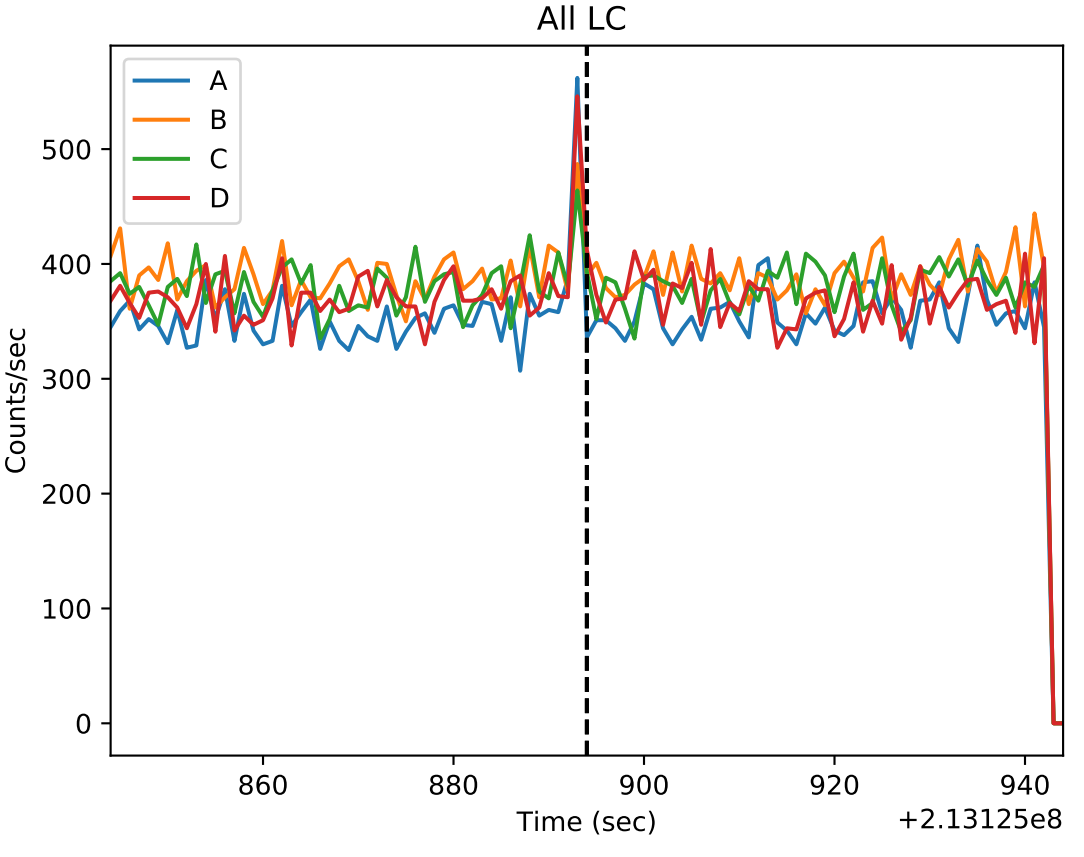

LC: Quad D
-26.5-641.9 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Marked times
Counts/sec
600
400
200
0
−200
−400
860
880
900
920
940
+2.13125e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Marked times
Significance
200
100
0
−100
860
880
900
920
940
Time (sec)
+2.13125e8


Quad: ABCD, 1.00s binning, File:213125894.0
Actual data
Data
Initial trend
Trend
Transient
Outliers
2000
1500
1000
500
0
860
880
900
920
940
+2.13125e8


Quad: ABCD, 1.00s binning, File:213125894.0
Ratio
Transient
Outliers
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
860
880
900
920
940
+2.13125e8


Quad: ABCD, 1.00s binning, File:213125894.0
Detrended LC
500
0
−500
−1000
−1500
860
880
900
920
940
+2.13125e8


Quad: ABCD, 1.00s binning, File:213125894.0
T90 measurement
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
860
880
900
920
940
+2.13125e8
Without outlier rejection
With outlier rejection
T90 = 5.57


All LC
A
B
C
D
500
400
300
200
100
0
Counts/sec
860
880
900
920
940
Time (sec)
+2.13125e8