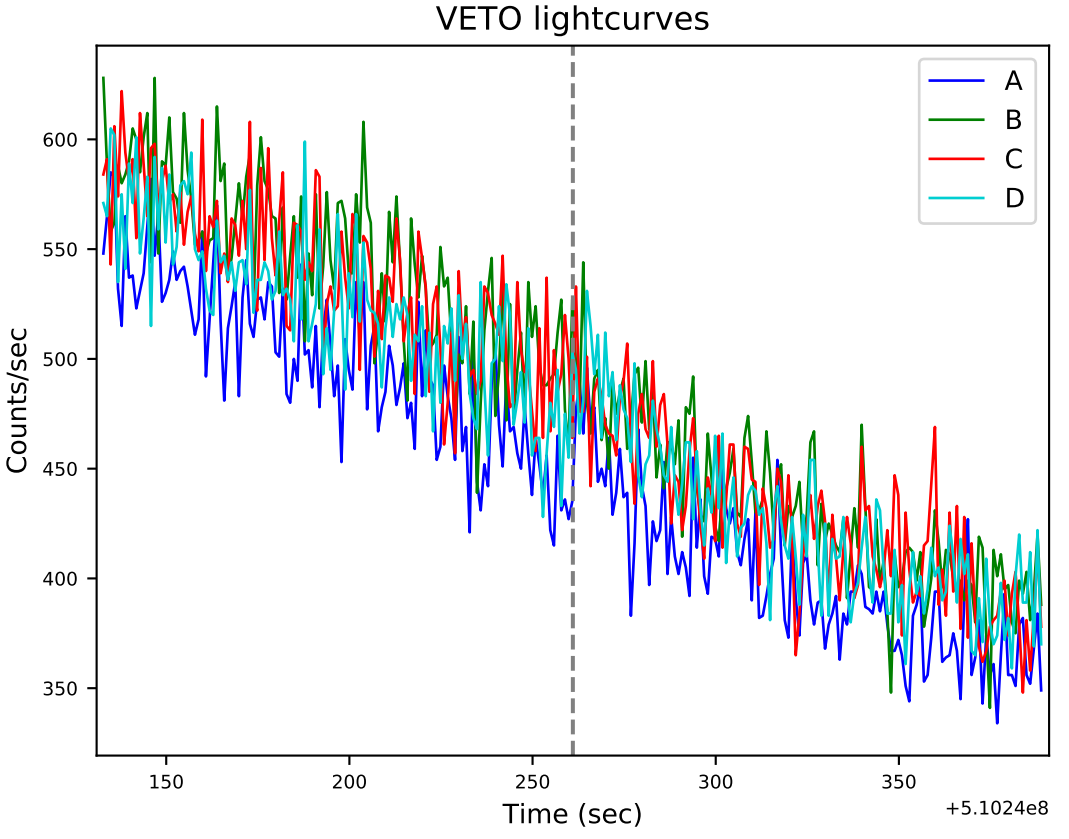
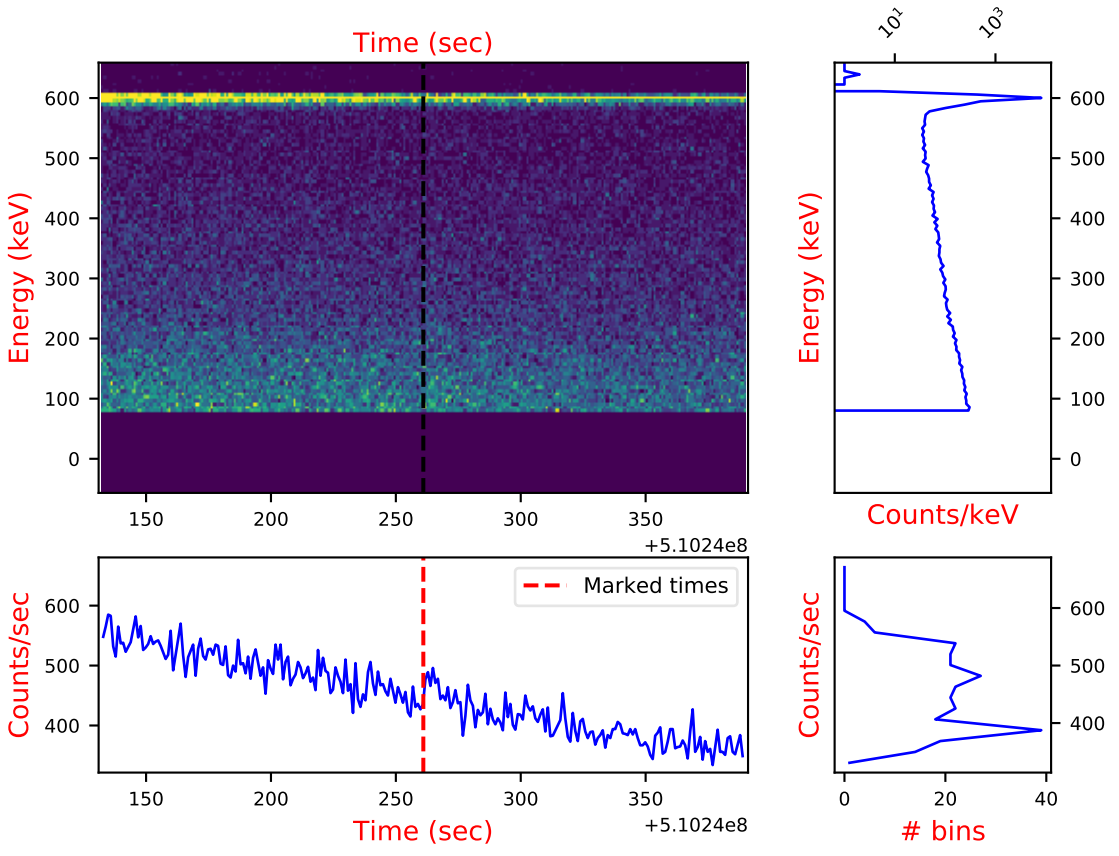
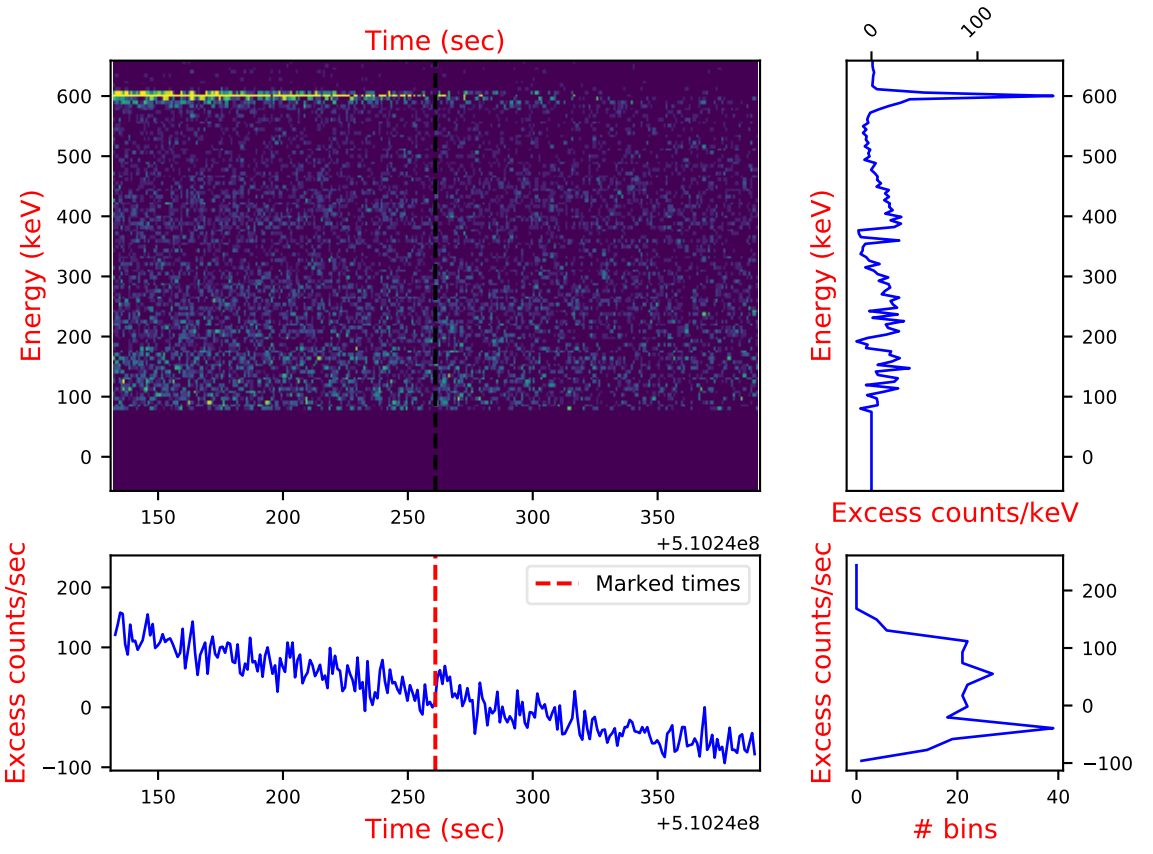
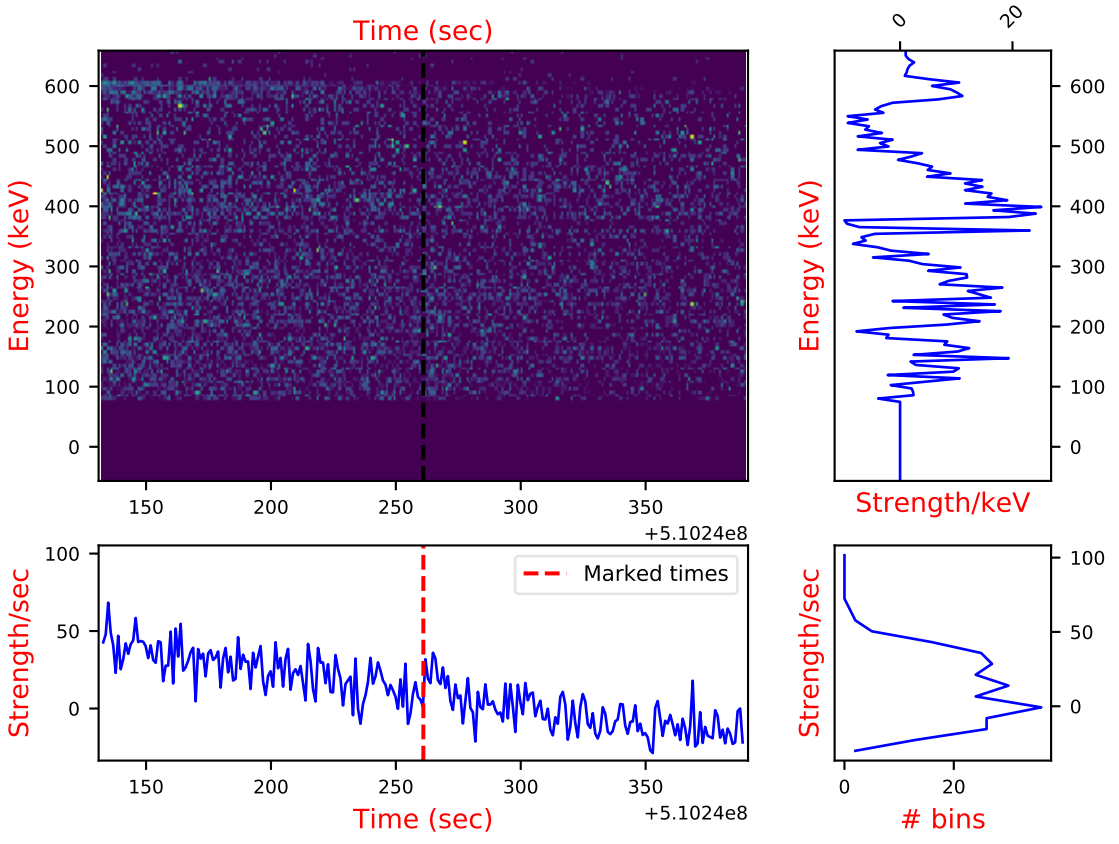
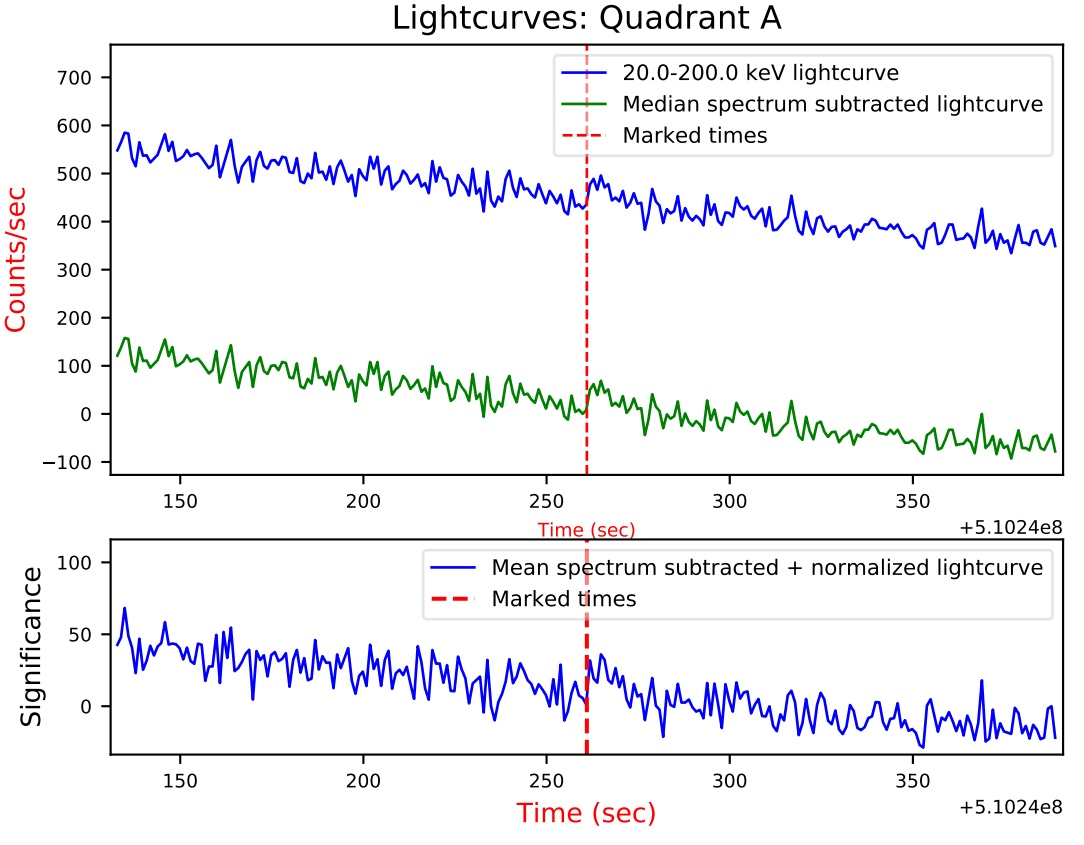
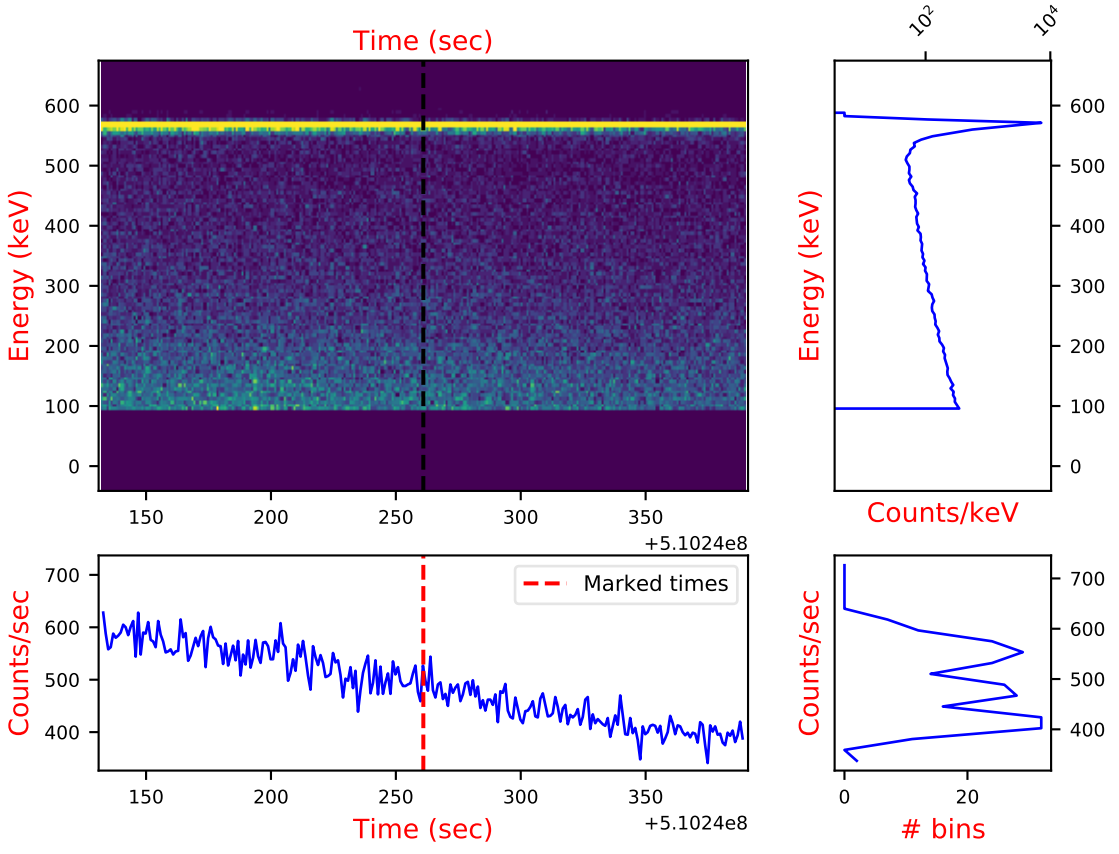

VETO lightcurves
A
B
C
D
600
550
500
450
400
350
Counts/sec
150
200
250
300
350
Time (sec)
+5.1024e8

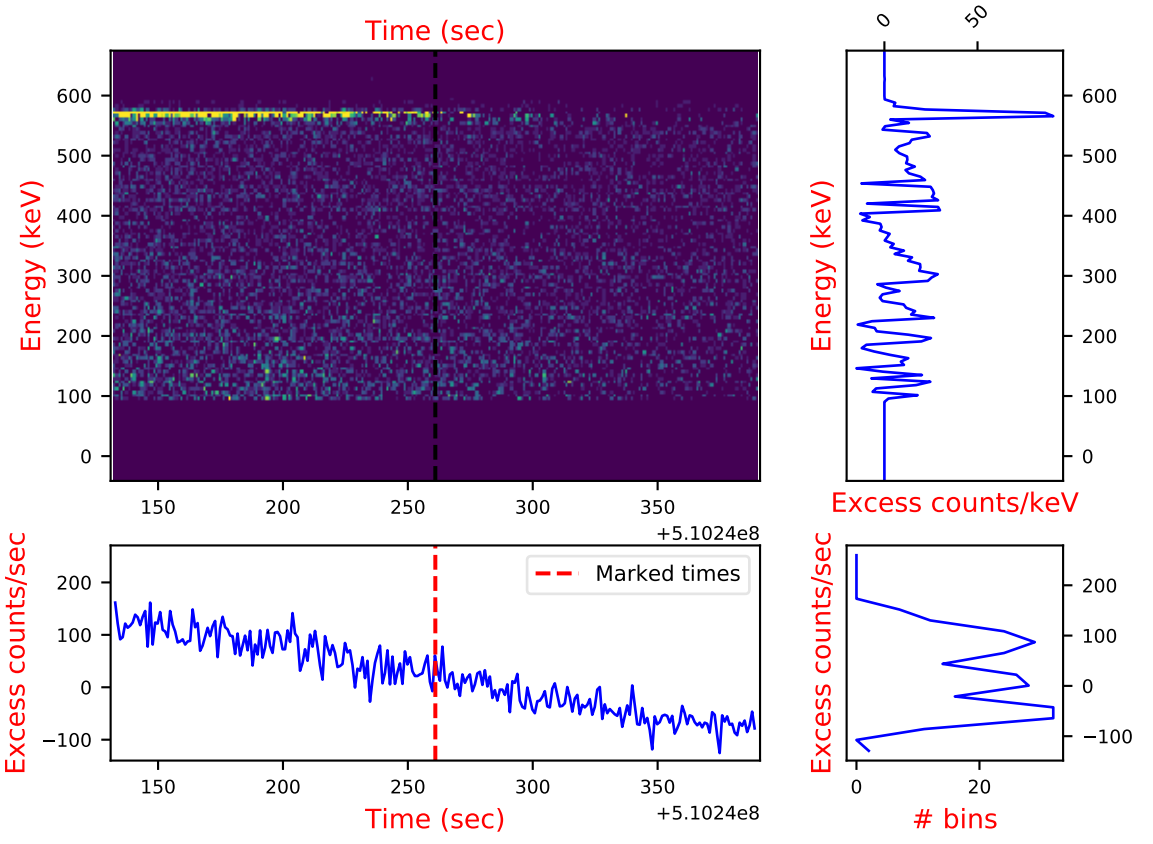

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
Counts/sec
Time (sec)
+5.1024e8
bins
0
20
40

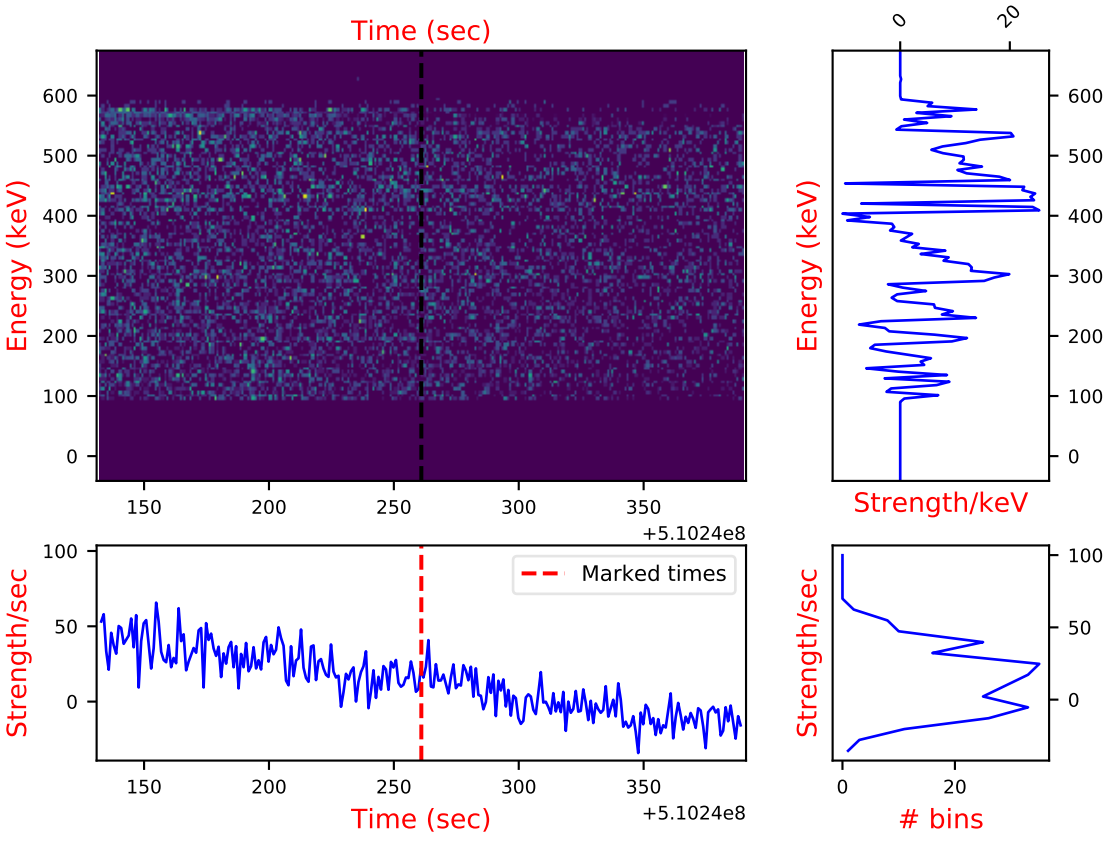

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
0
100
Energy (keV)
Excess counts/keV
Excess counts/sec
200
100
0
−100
Marked times
Time (sec)
+5.1024e8
Excess counts/sec
bins
0
20
40

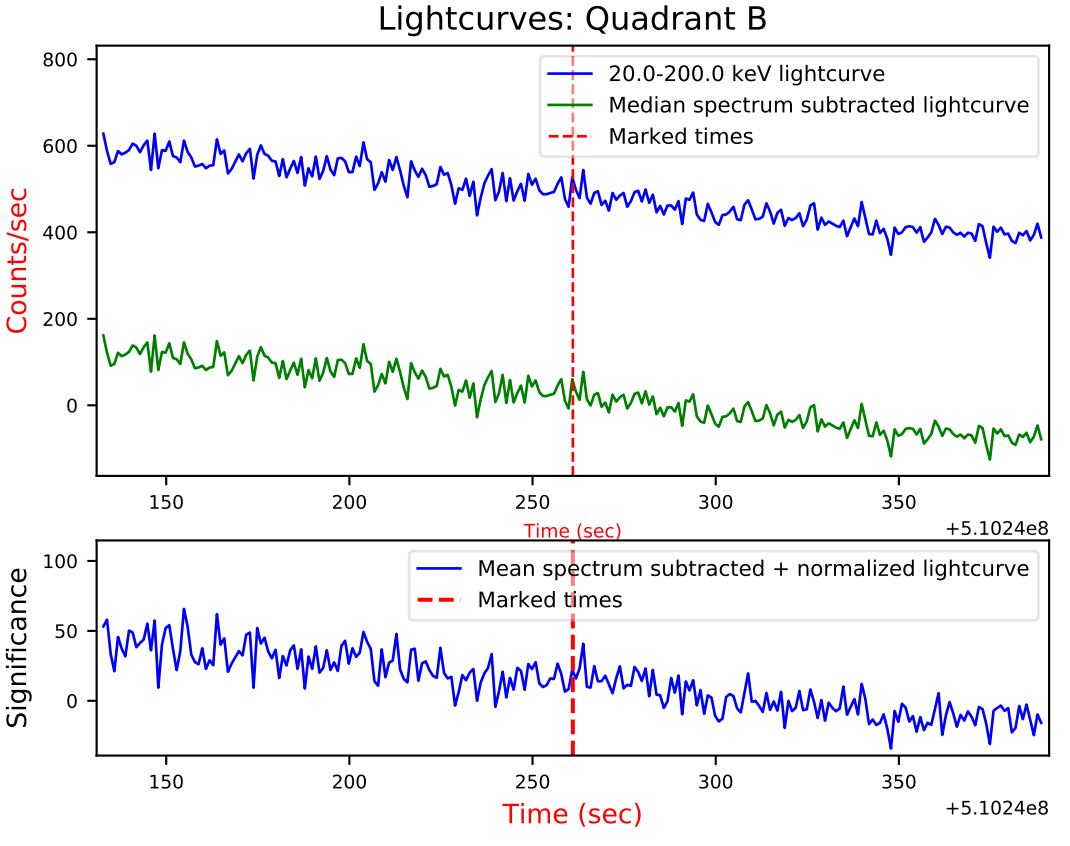

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
0
20
Energy (keV)
Strength/keV
Strength/sec
100
50
0
Marked times
Time (sec)
bins

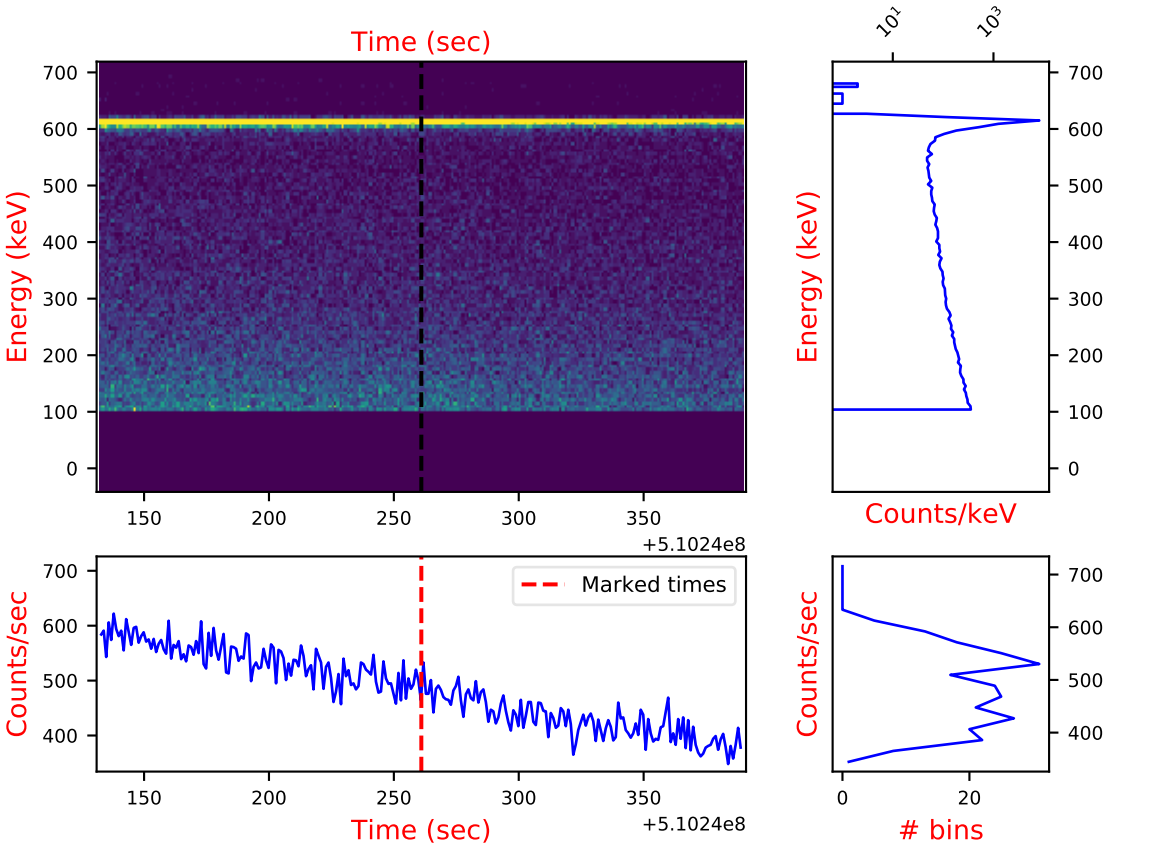

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
700
600
500
400
300
200
100
0
−100
150
200
250
300
350
Time (sec)
+5.1024e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
150
200
250
300
350
Time (sec)
+5.1024e8

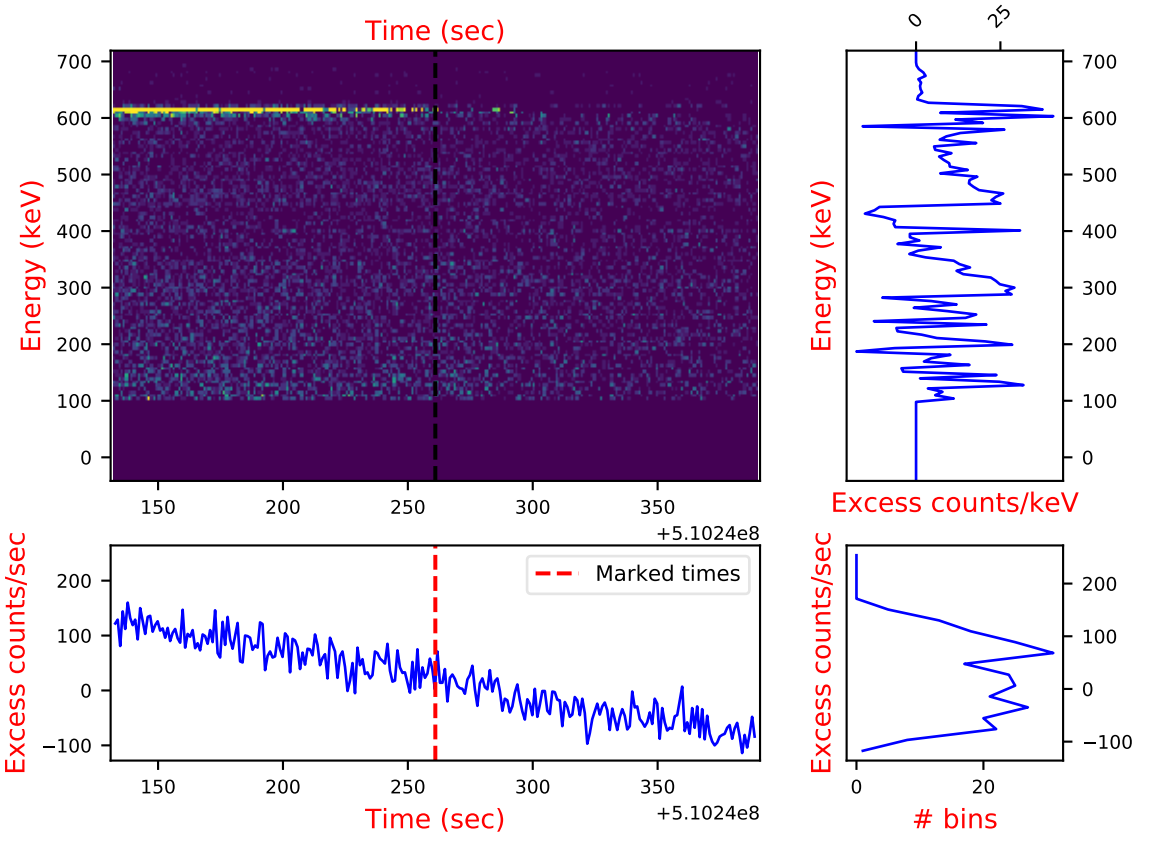

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
10^2
10^4
Energy (keV)
Counts/keV
Counts/sec
700
600
500
400
Marked times
Time (sec)
+5.1024e8
Counts/sec
0
20
bins

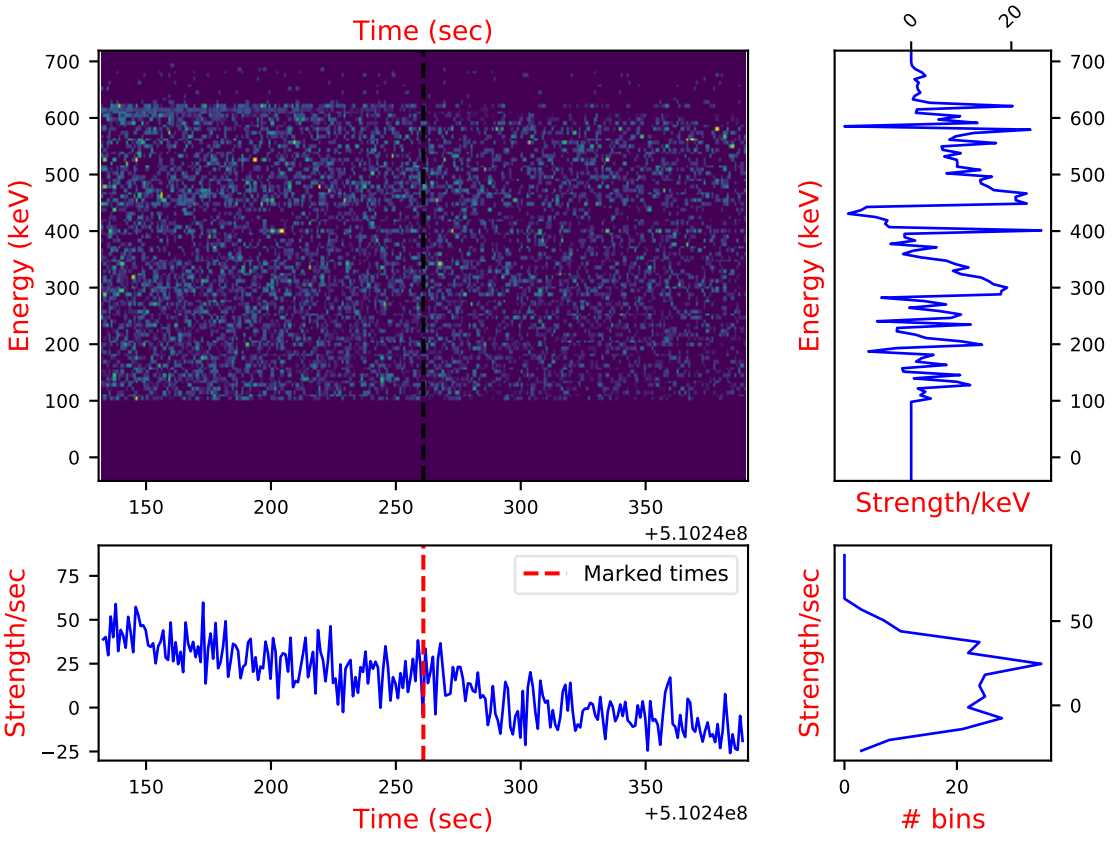

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
0
50
Energy (keV)
Excess counts/keV
Excess counts/sec
200
100
0
−100
Marked times
Time (sec)
+5.1024e8
Excess counts/sec
bins
20

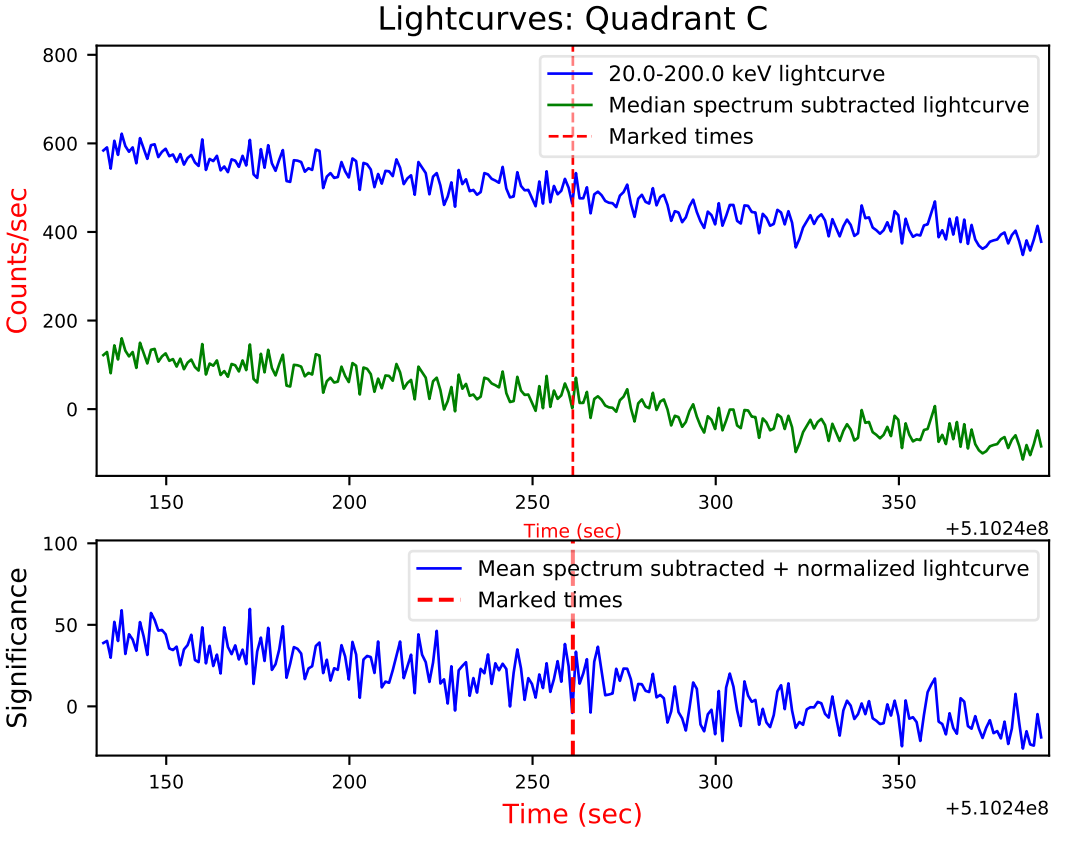

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
0
20
Energy (keV)
Strength/keV
Strength/sec
100
50
0
Marked times
150
200
250
300
350
+5.1024e8
Time (sec)
Strength/sec
0
20
bins

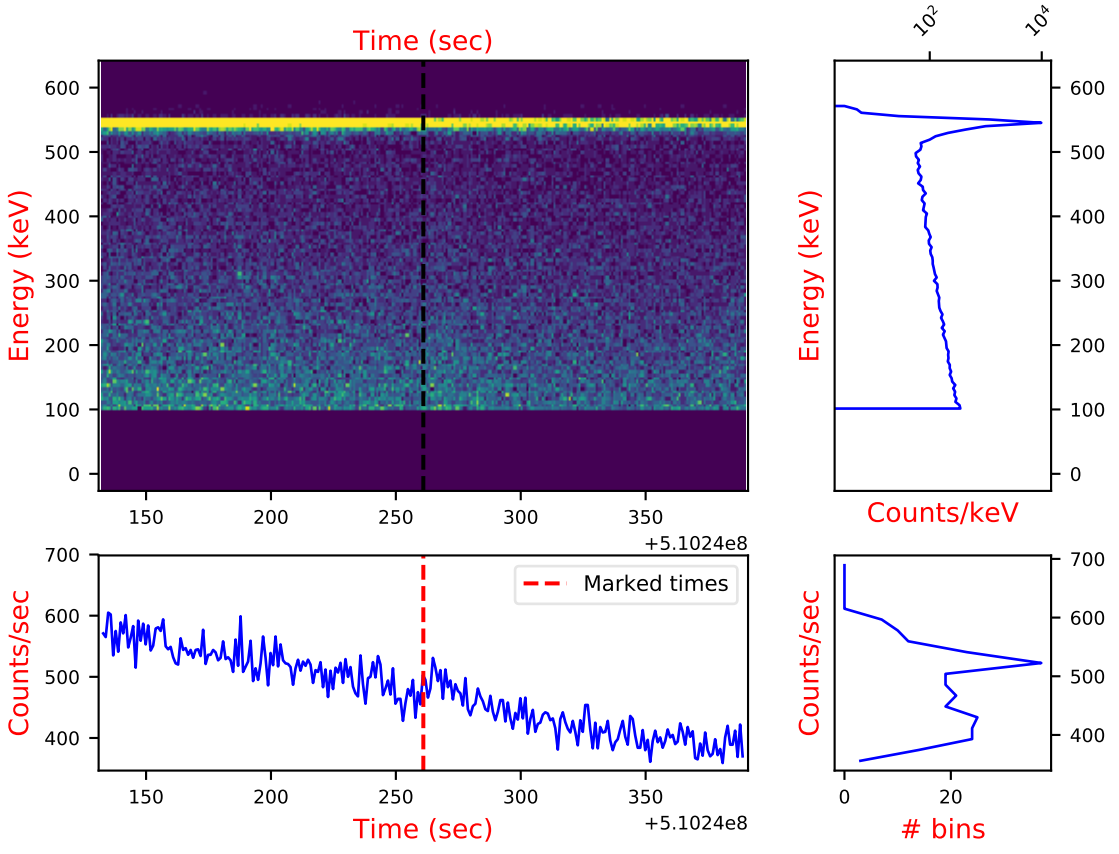

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
150
200
250
300
350
Time (sec)
+5.1024e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
150
200
250
300
350
Time (sec)
+5.1024e8

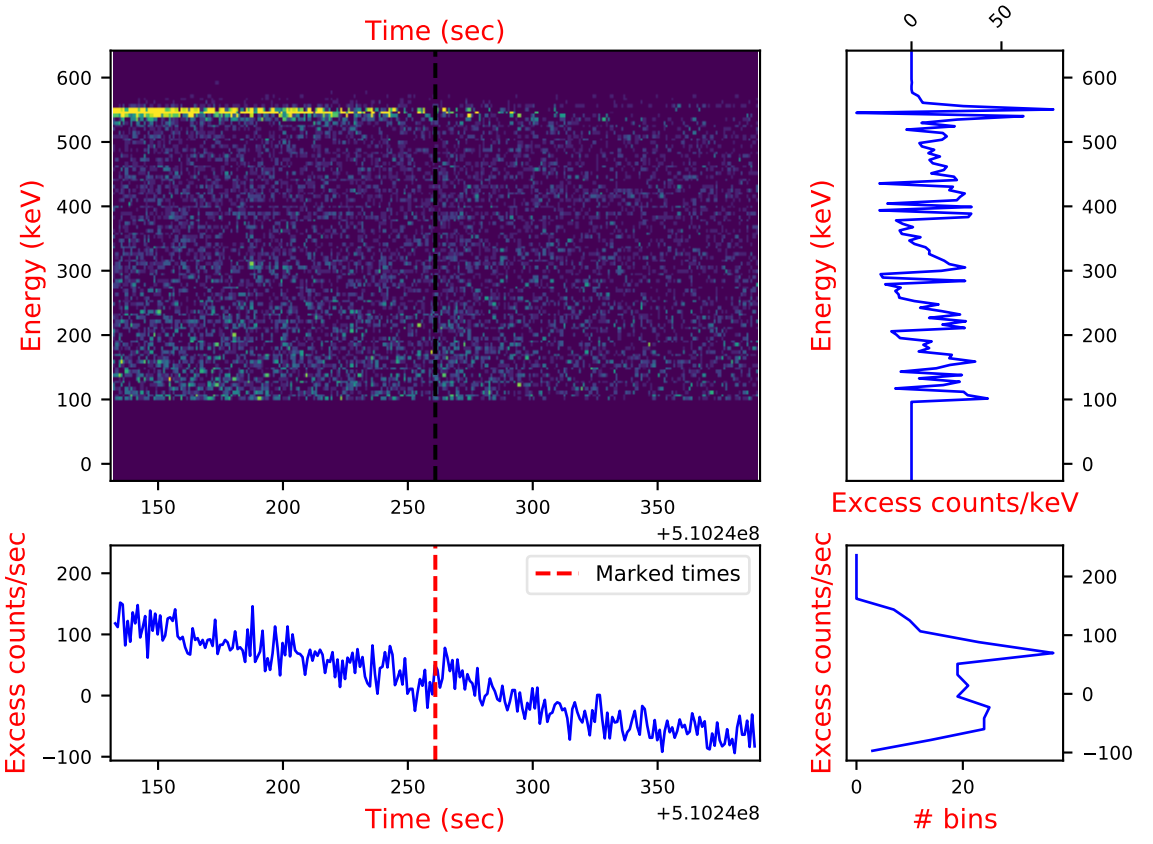

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
20

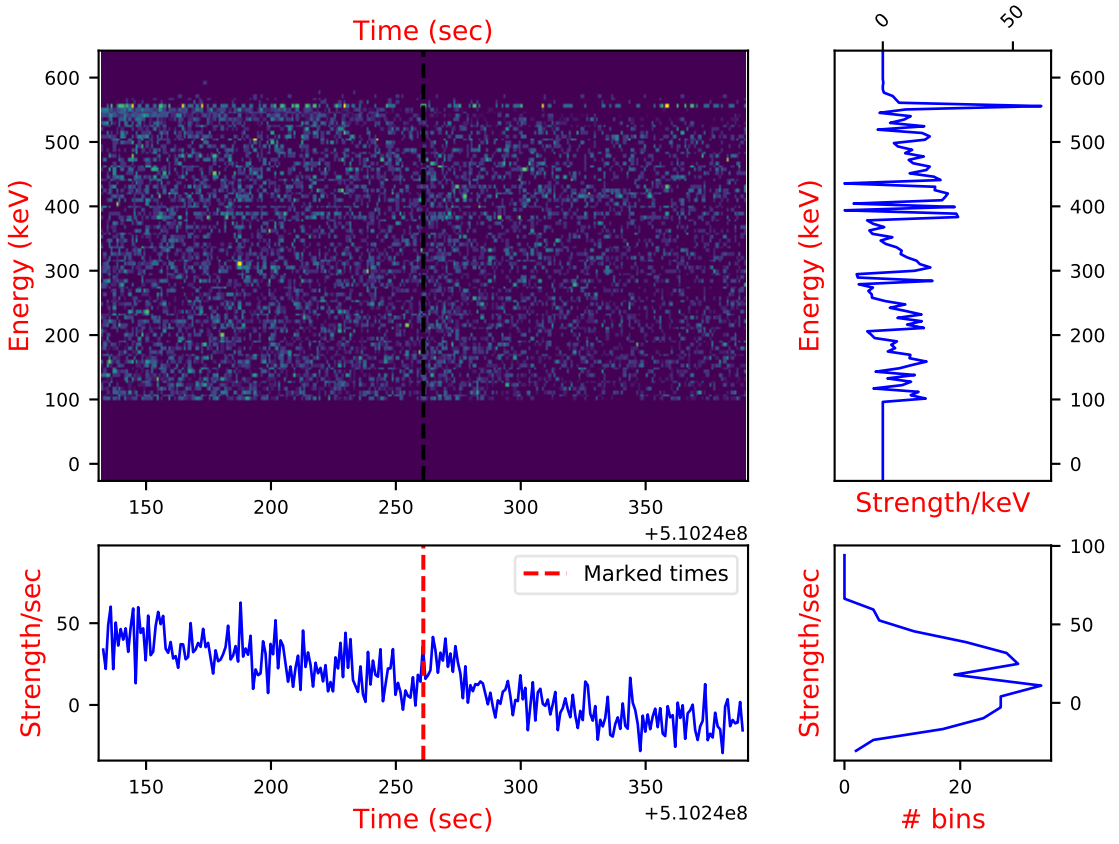

VETO Quadrant C
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+5.1024e8
bins

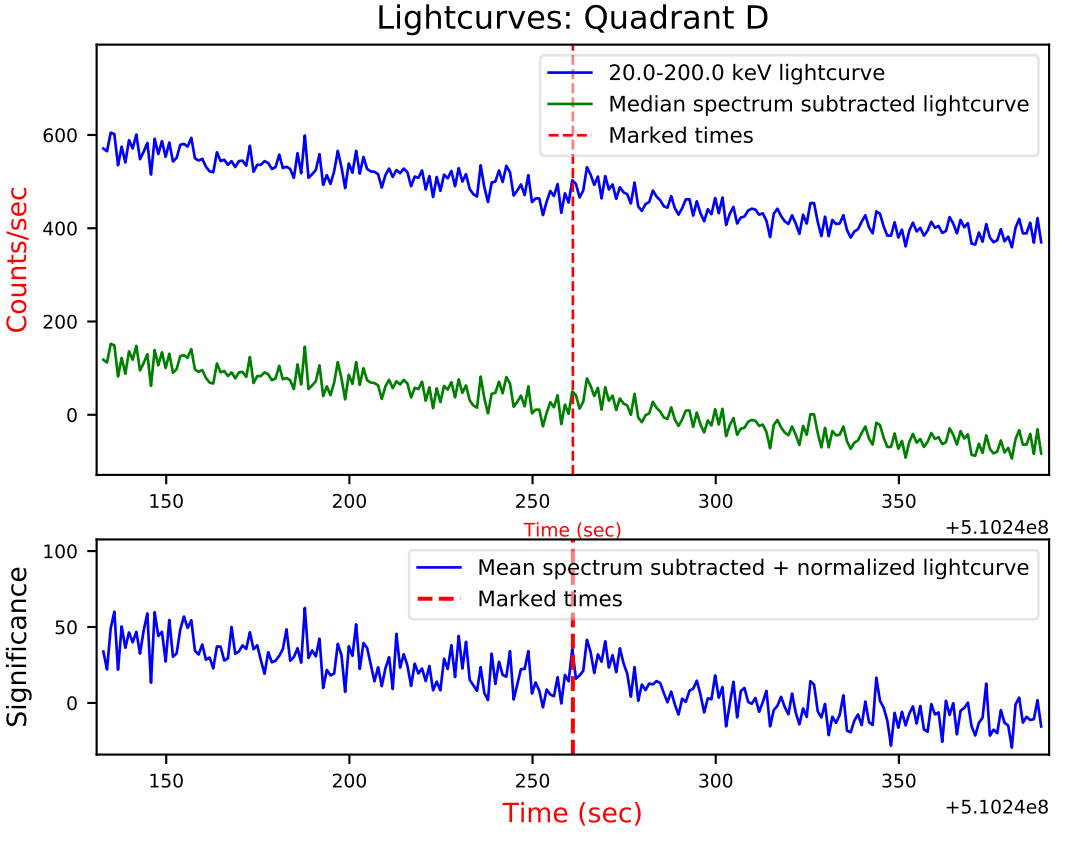

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
0
20
Strength/keV
Strength/sec
75
50
25
0
−25
Marked times
Time (sec)
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
150
200
250
300
350
Time (sec)
+5.1024e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
150
200
250
300
350
Time (sec)
+5.1024e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
10^2
10^4
Counts/keV
+5.1024e8
Counts/sec
700
600
500
400
Marked times
Time (sec)
bins
0
20


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
150
200
250
300
350
0
50
Excess counts/keV
+5.1024e8
Excess counts/sec
Marked times
−100
Time (sec)
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
150
200
250
300
350
+5.1024e8
0
50
Strength/keV
Strength/sec
Marked times
50
0
Time (sec)
+5.1024e8
100
bins
20


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
400
200
0
150
200
250
300
350
Time (sec)
+5.1024e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
150
200
250
300
350
Time (sec)
+5.1024e8