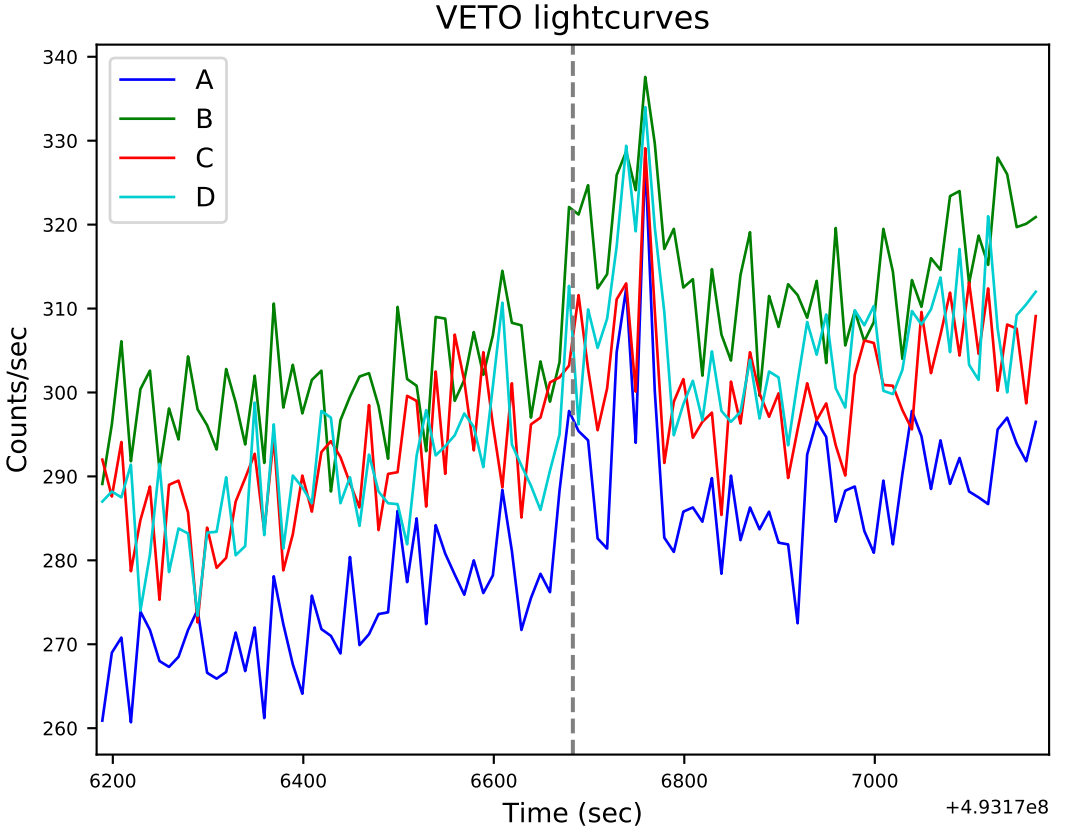
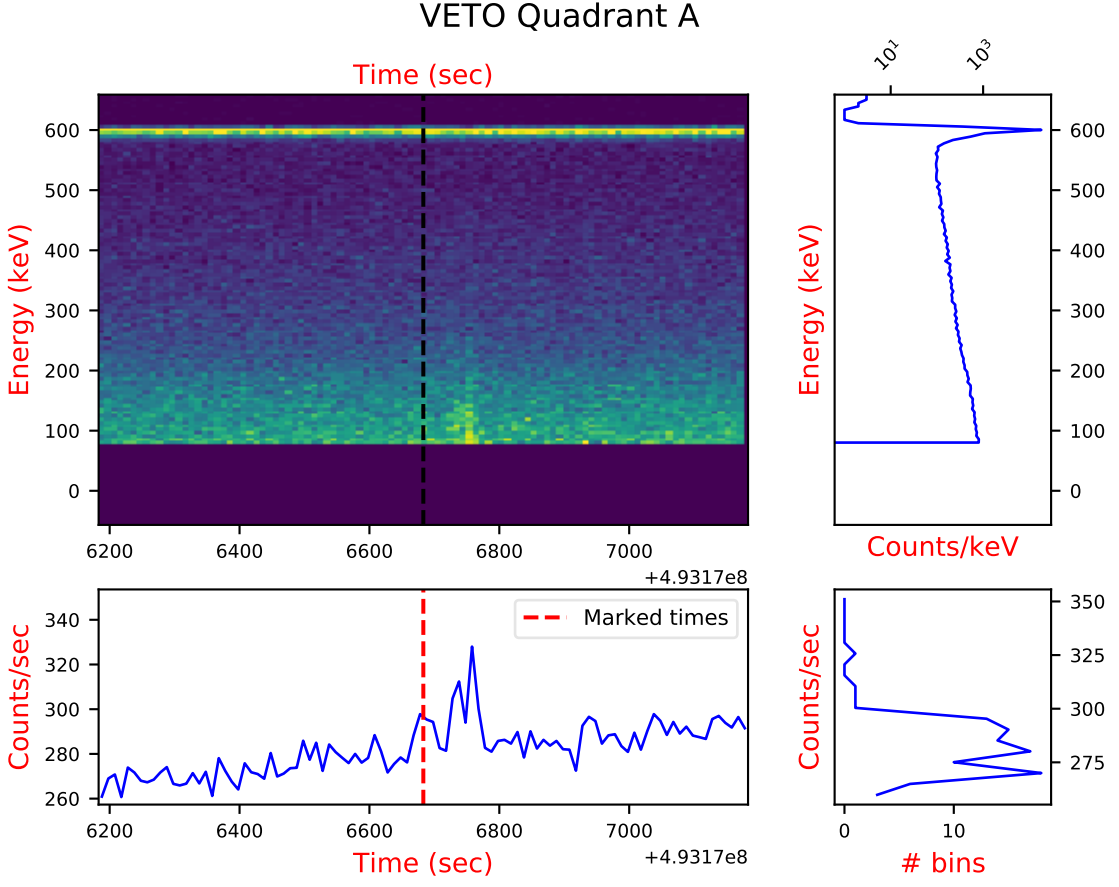
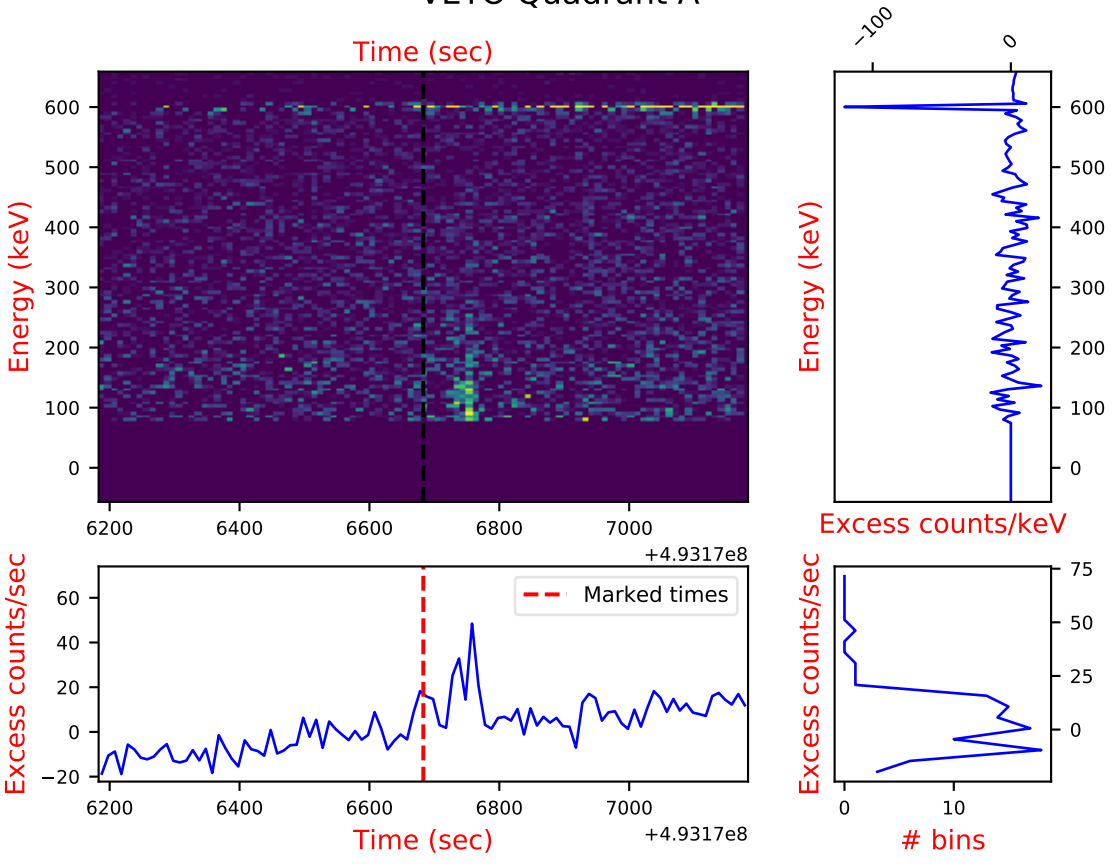
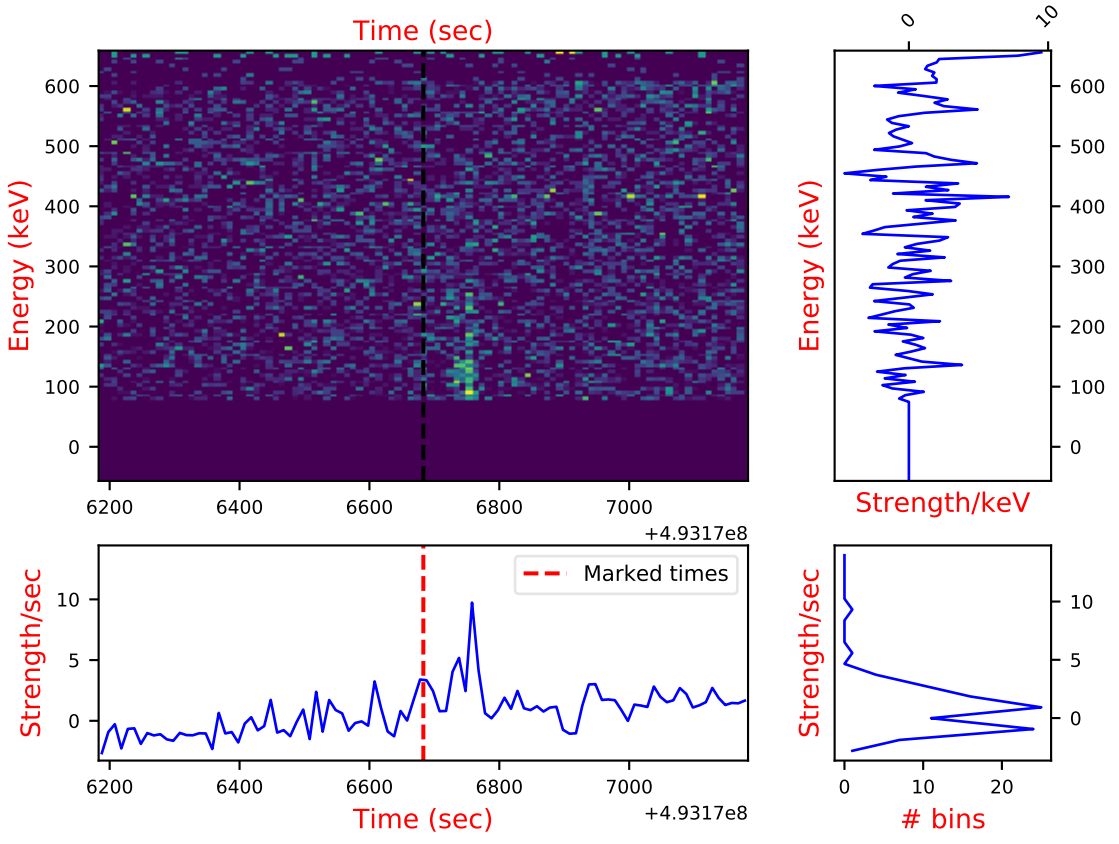
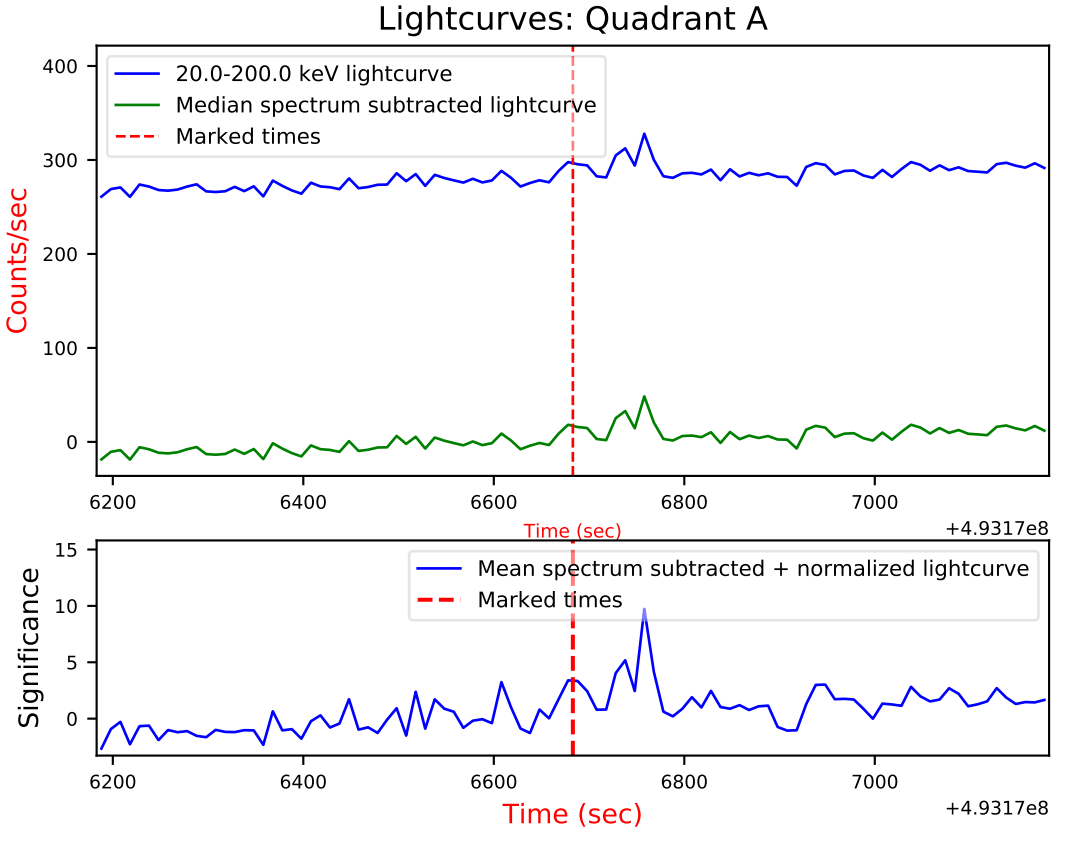
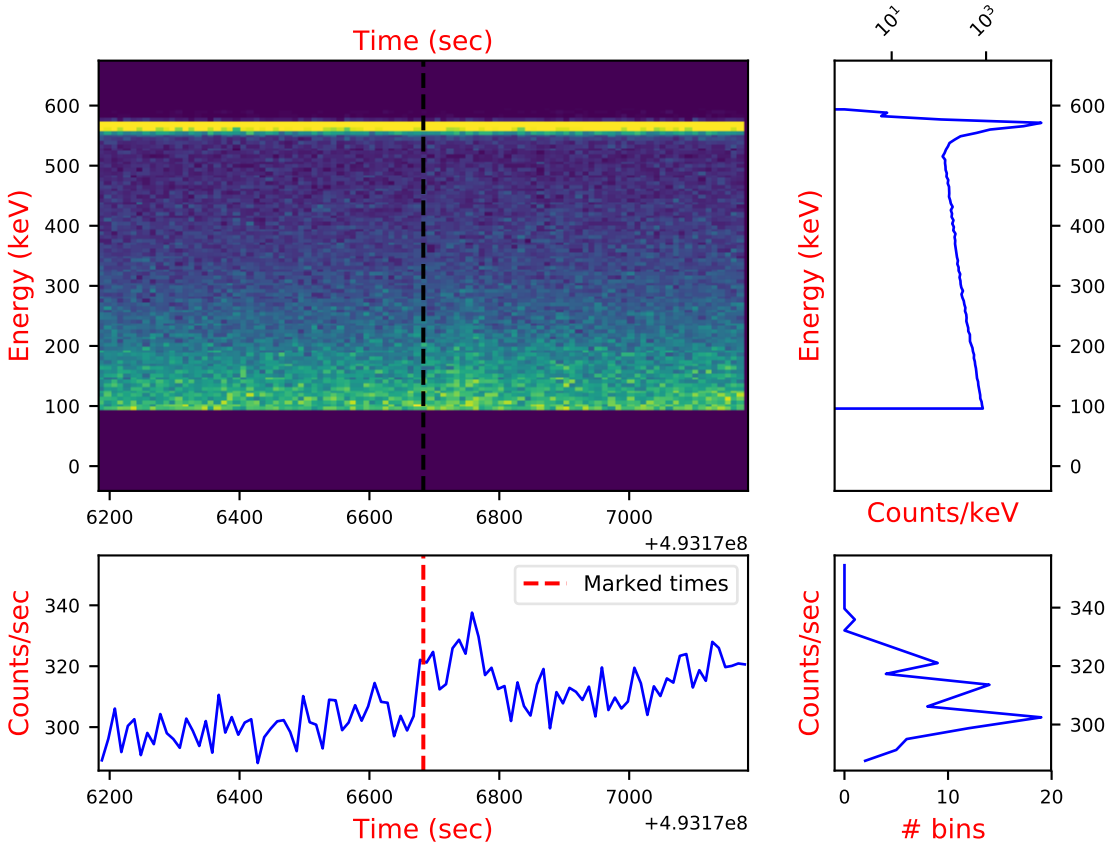

VETO lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.9317e8
340
330
320
310
300
290
280
270
260
6200
6400
6600
6800
7000

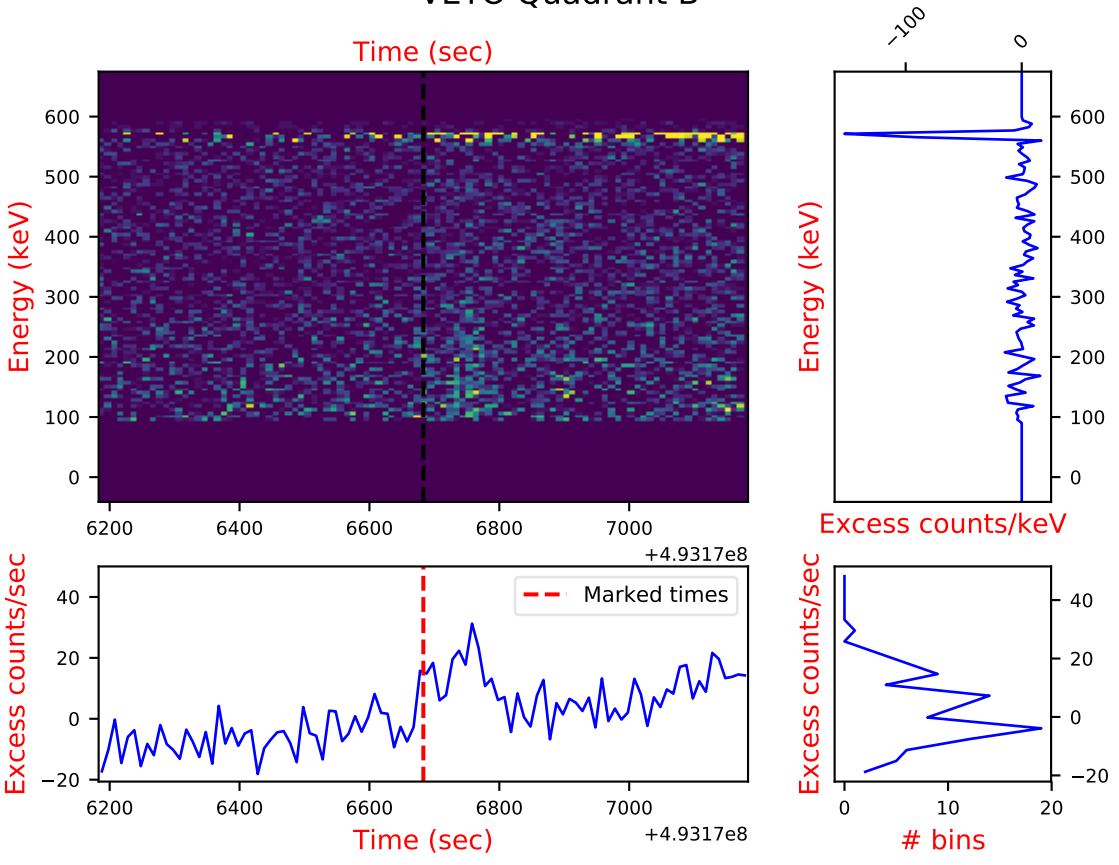

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
340
320
300
280
260
Marked times
Time (sec)
+4.9317e8
Counts/sec
350
325
300
275
0
10
bins

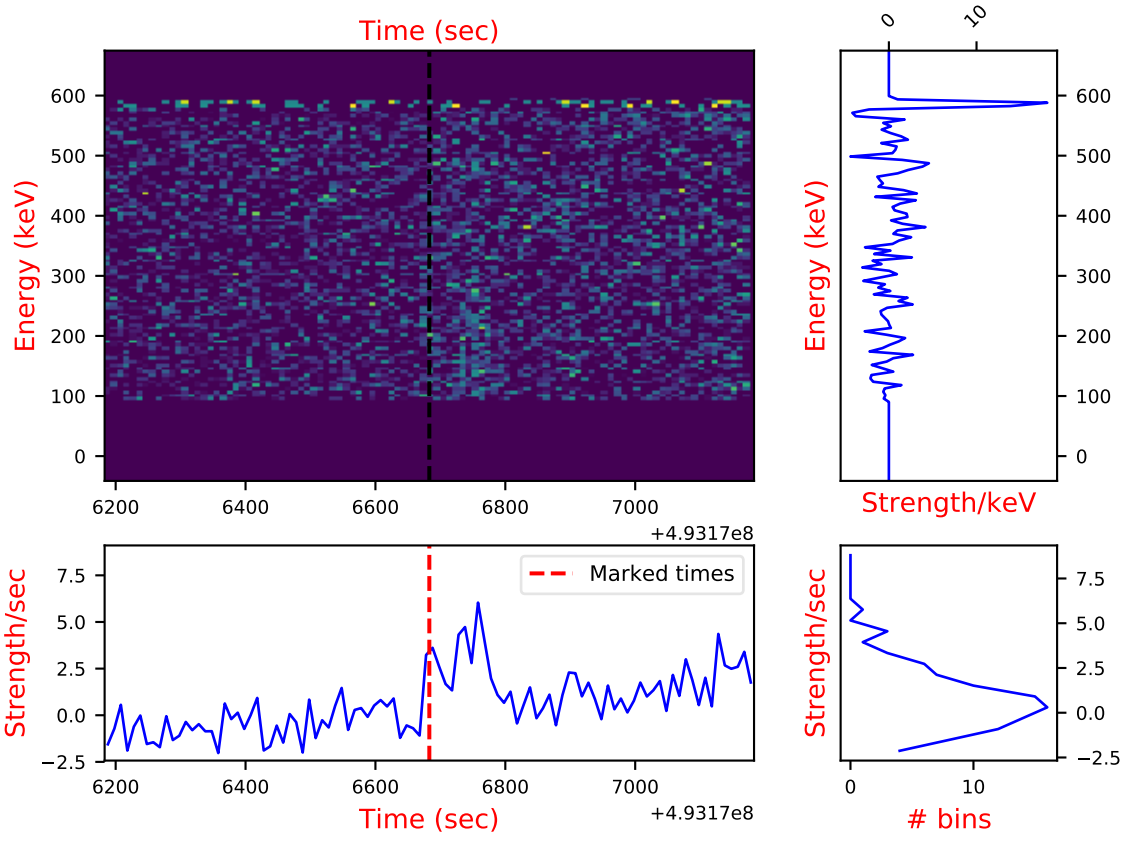

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
−100
0
Energy (keV)
Excess counts/keV
+4.9317e8
Excess counts/sec
60
40
20
0
−20
Marked times
Excess counts/sec
75
50
25
0
0
10
bins
Time (sec)
+4.9317e8

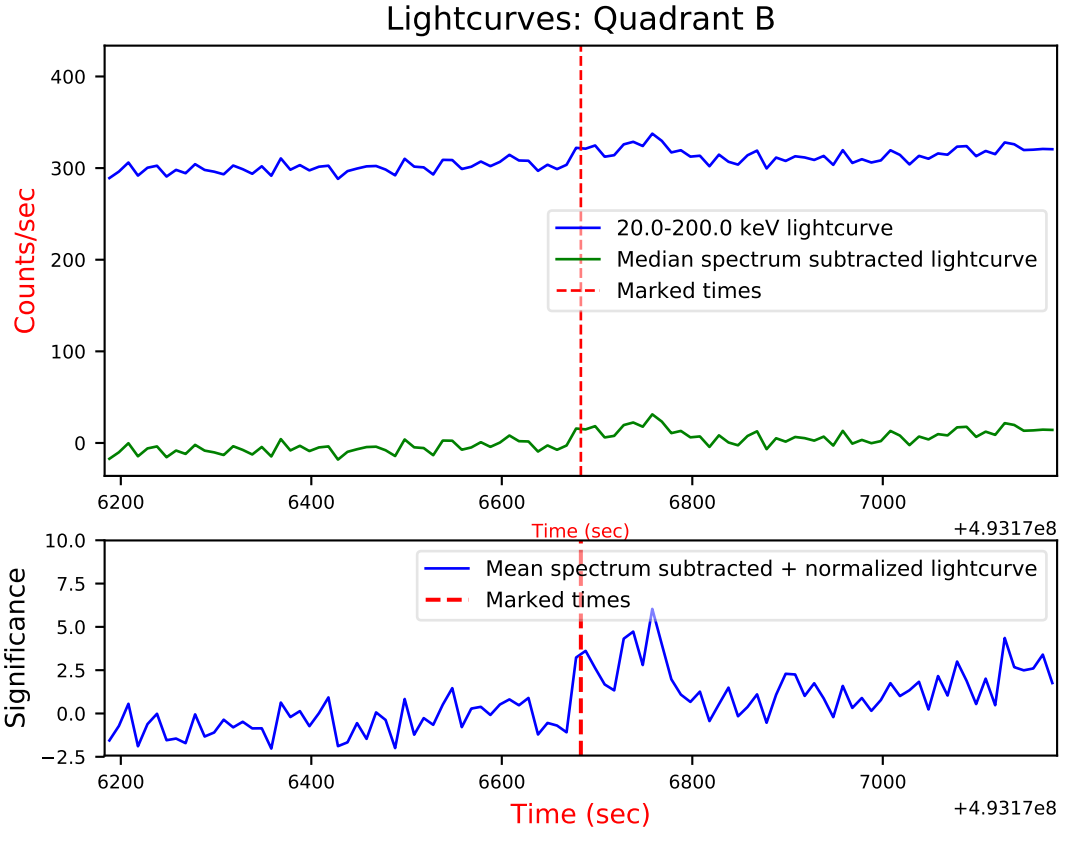

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
10
5
0
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8
Strength/sec
0
10
20
bins

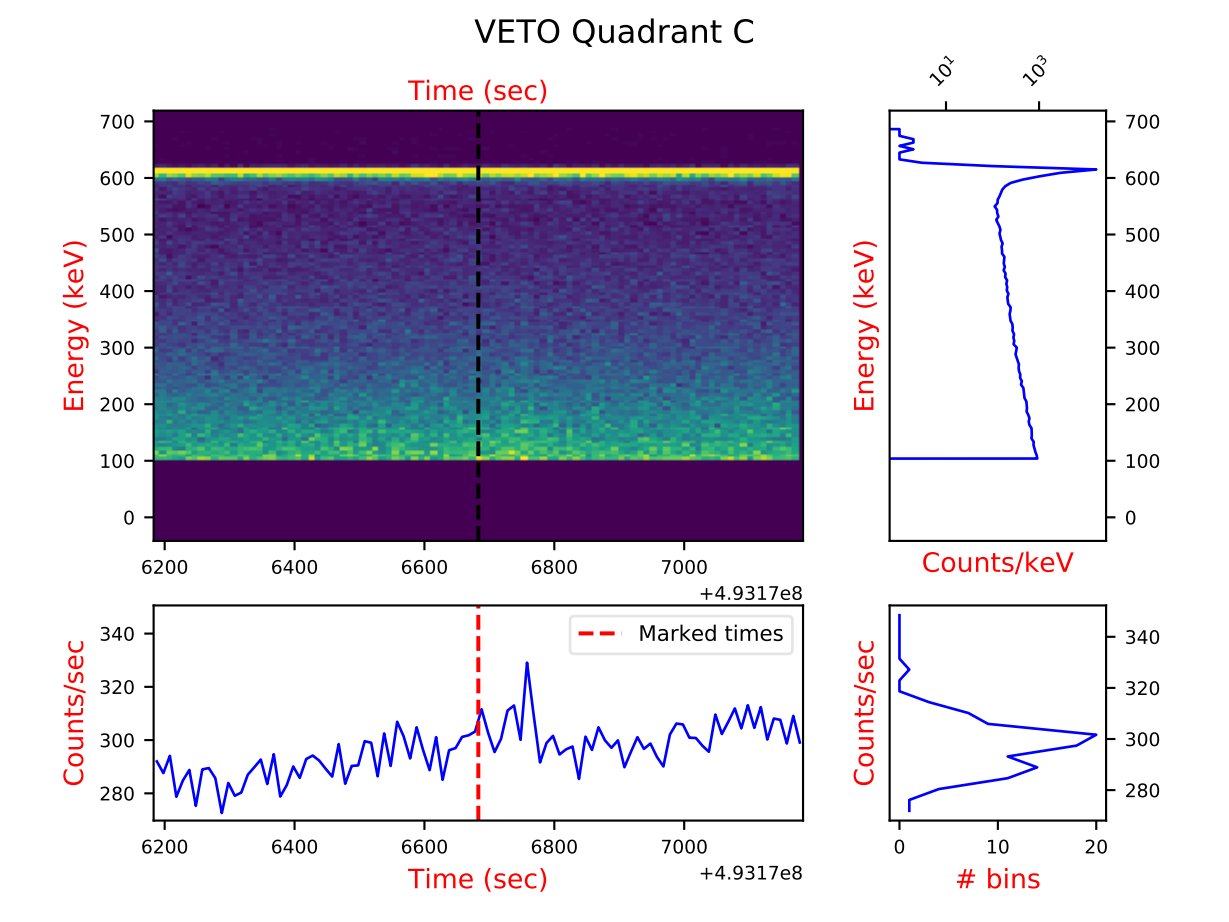

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
400
300
200
100
0
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
15
10
5
0
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8

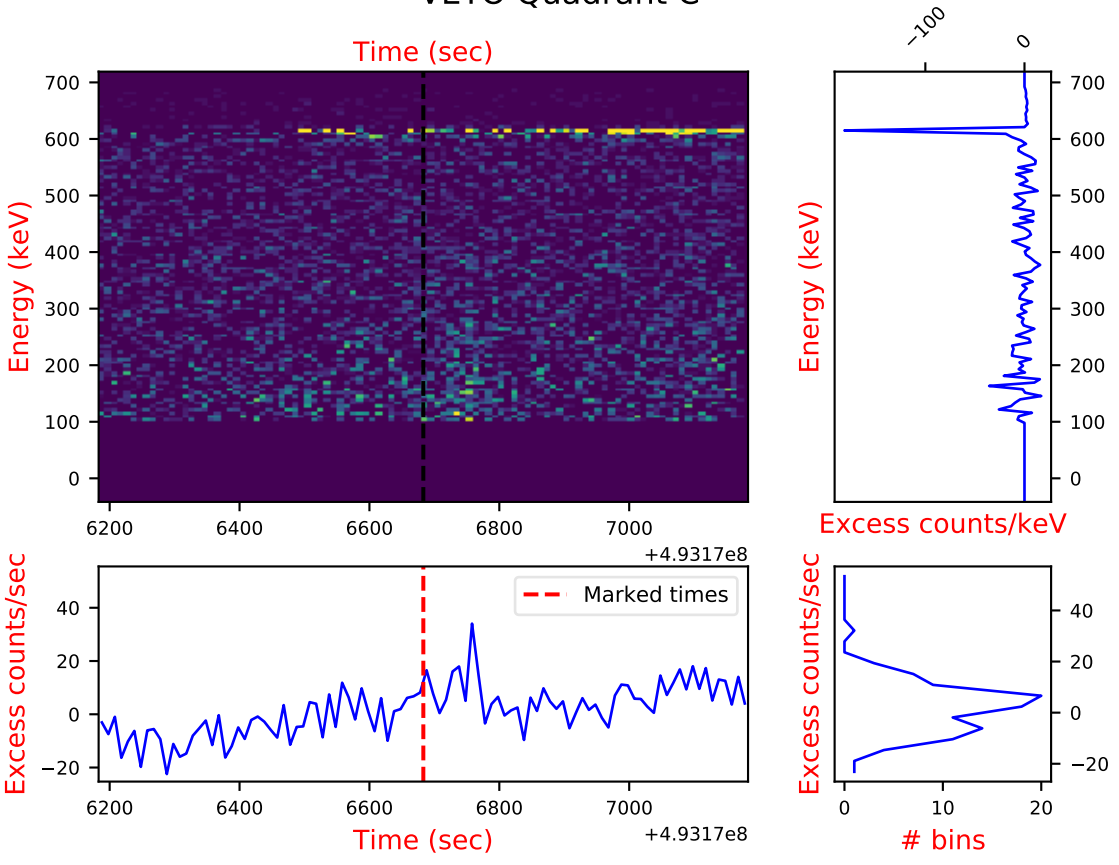

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
340
320
300
Marked times
Time (sec)
bins
0
10
20

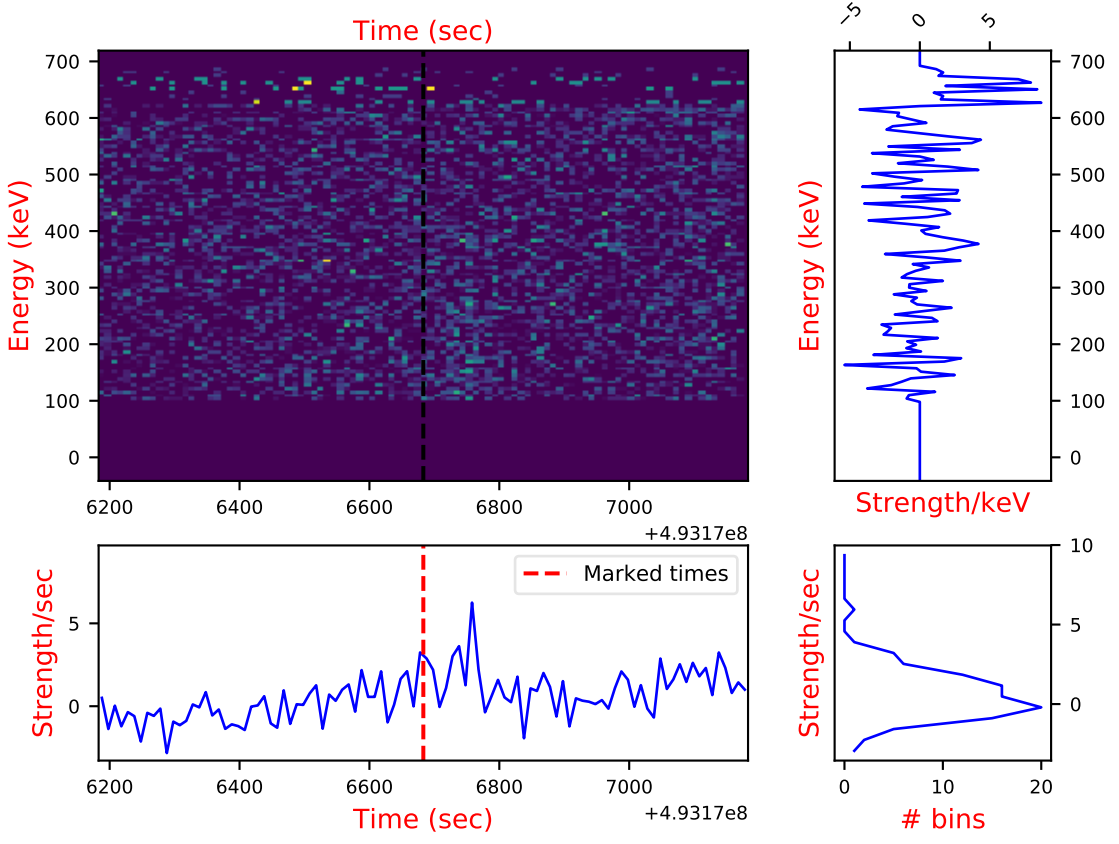

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
−100
0
Excess counts/keV
+4.9317e8
Marked times
Excess counts/sec
40
20
0
−20
Time (sec)
bins
10
20

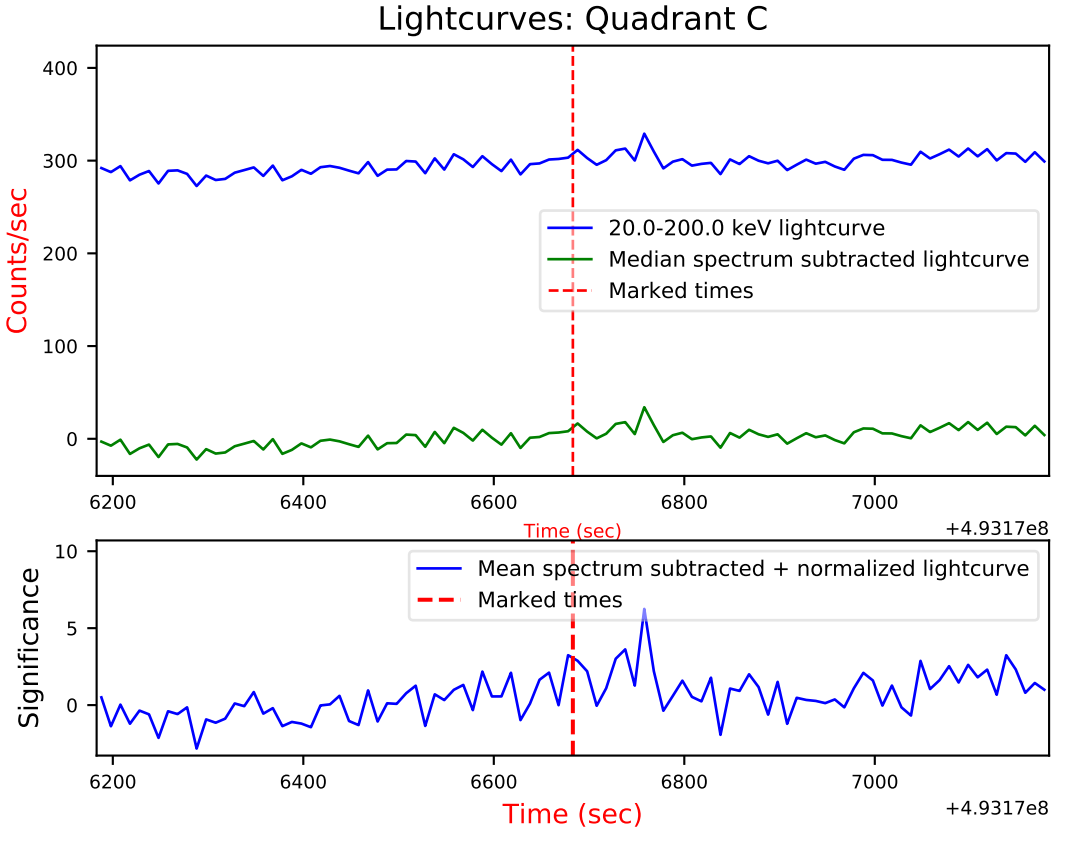

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
0
10
Energy (keV)
Strength/keV
Strength/sec
7.5
5.0
2.5
0.0
−2.5
Marked times
Time (sec)
bins

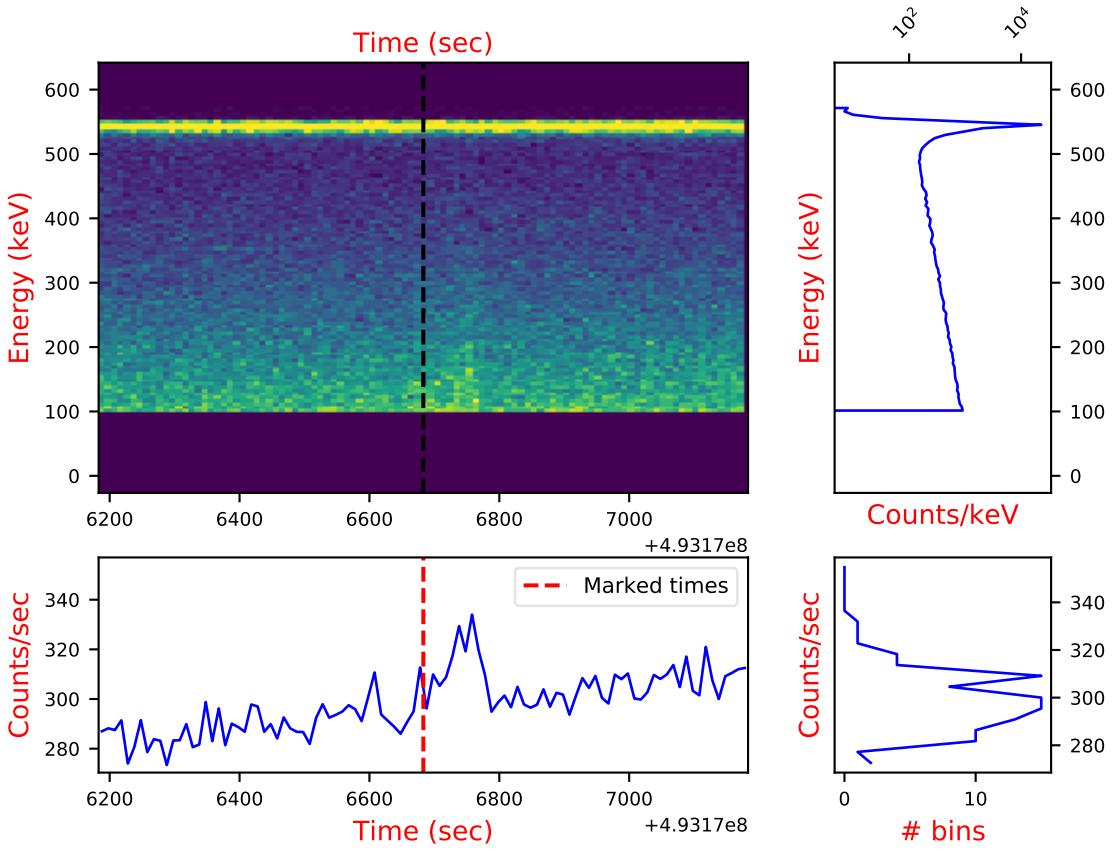

Lightcurves: Quadrant B
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8
Significance
10.0
7.5
5.0
2.5
0.0
−2.5
Mean spectrum subtracted + normalized lightcurve
Marked times
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8

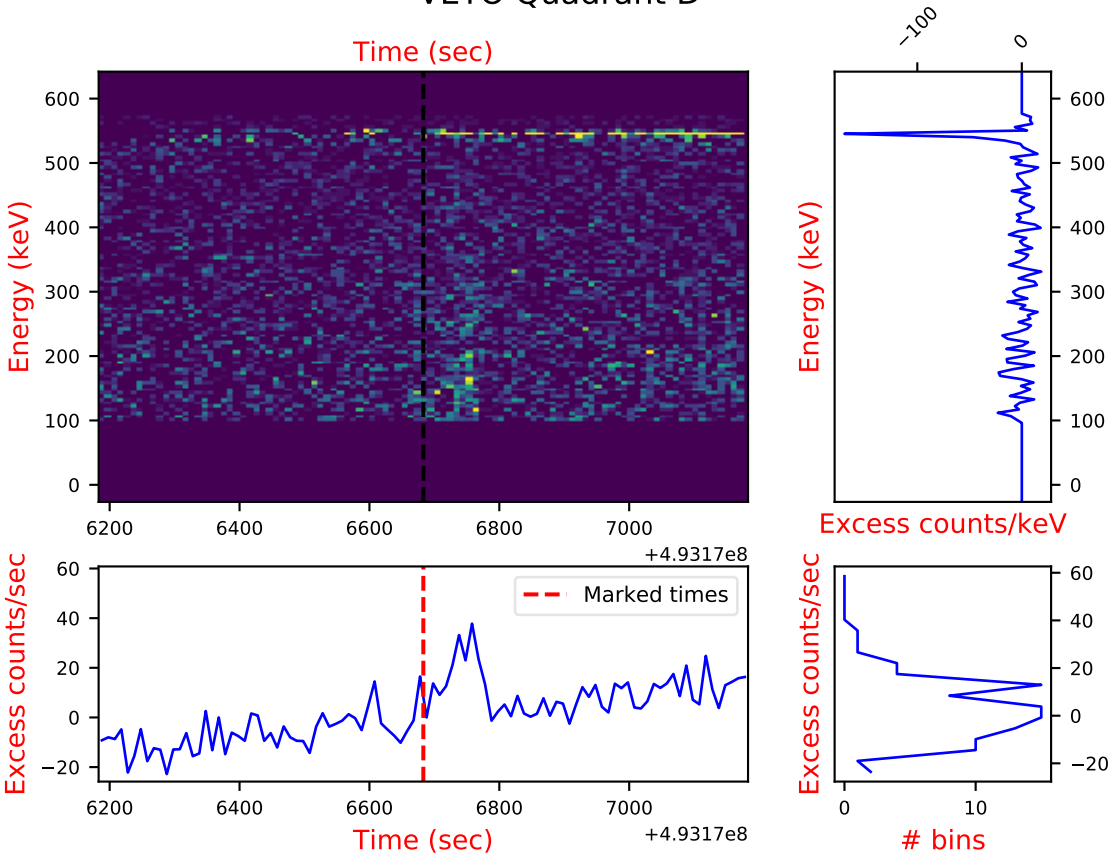

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
10^1
10^3
Counts/keV
Counts/sec
340
320
300
280
Marked times
Time (sec)
bins
0
10
20

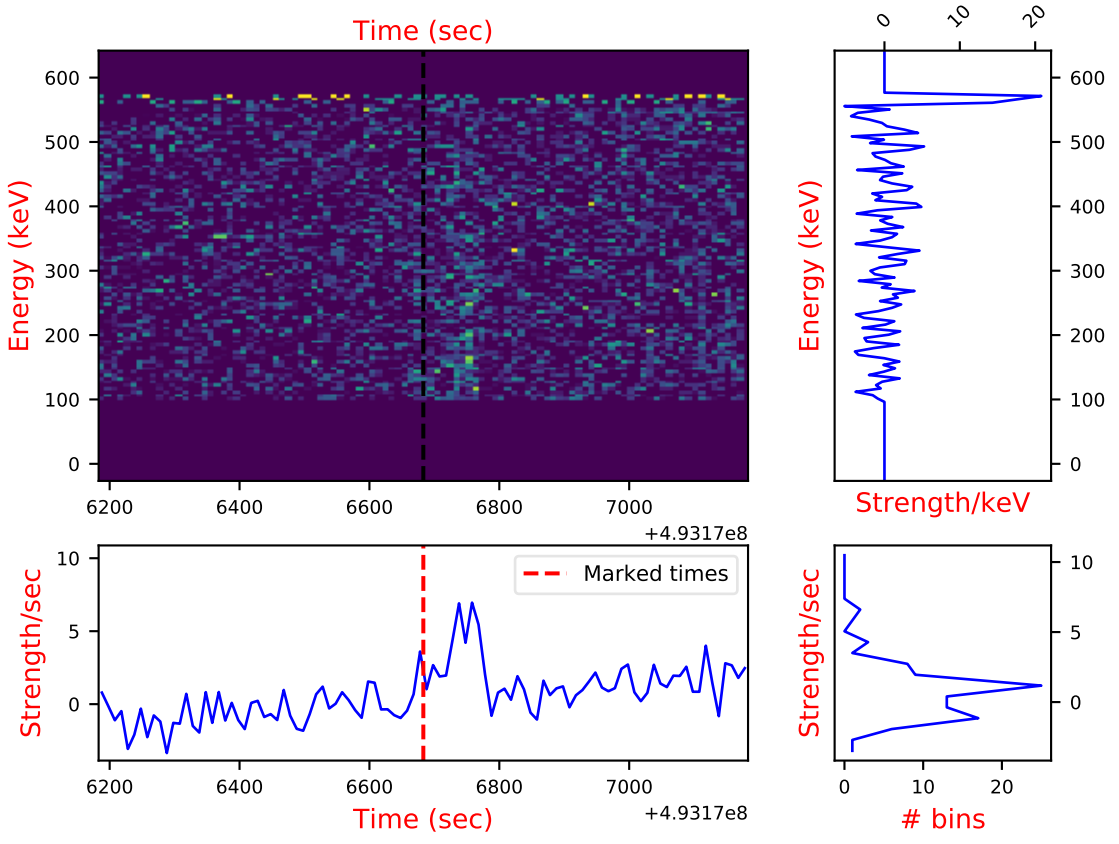

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
−100
0
Excess counts/keV
+4.9317e8
Marked times
Excess counts/sec
40
20
0
−20
Time (sec)
bins
10
20

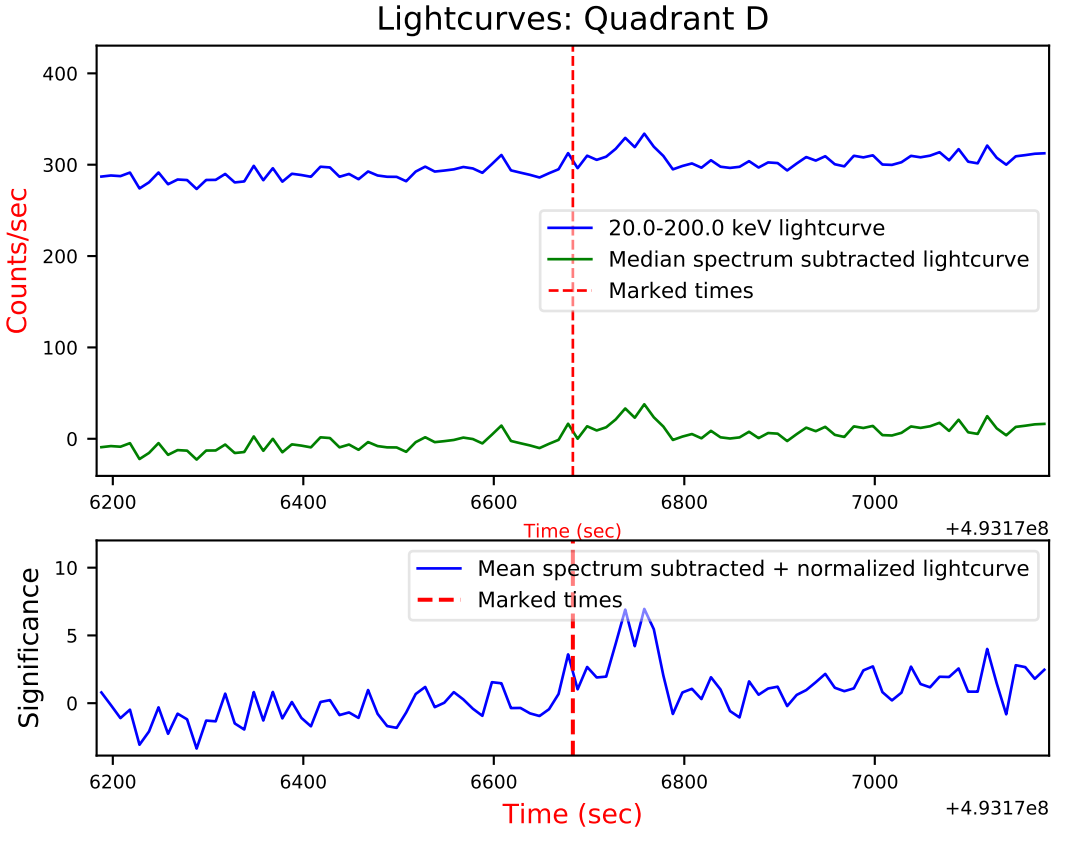

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
-5
0
5
Strength/keV
Strength/sec
Marked times
10
20
bins


Lightcurves: Quadrant C
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8
Significance
10
5
0
Mean spectrum subtracted + normalized lightcurve
Marked times
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
10^2
10^4
Counts/keV
Counts/sec
Marked times
340
320
300
280
0
10
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
−100
0
Excess counts/keV
+4.9317e8
Marked times
Excess counts/sec
60
40
20
0
−20
Time (sec)
bins
10


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
6200
6400
6600
6800
7000
+4.9317e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
10
5
0
Marked times
6200
6400
6600
6800
7000
+4.9317e8
Time (sec)
Strength/sec
0
10
20
bins


Lightcurves: Quadrant D
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8
Significance
10
5
0
Mean spectrum subtracted + normalized lightcurve
Marked times
6200
6400
6600
6800
7000
Time (sec)
+4.9317e8