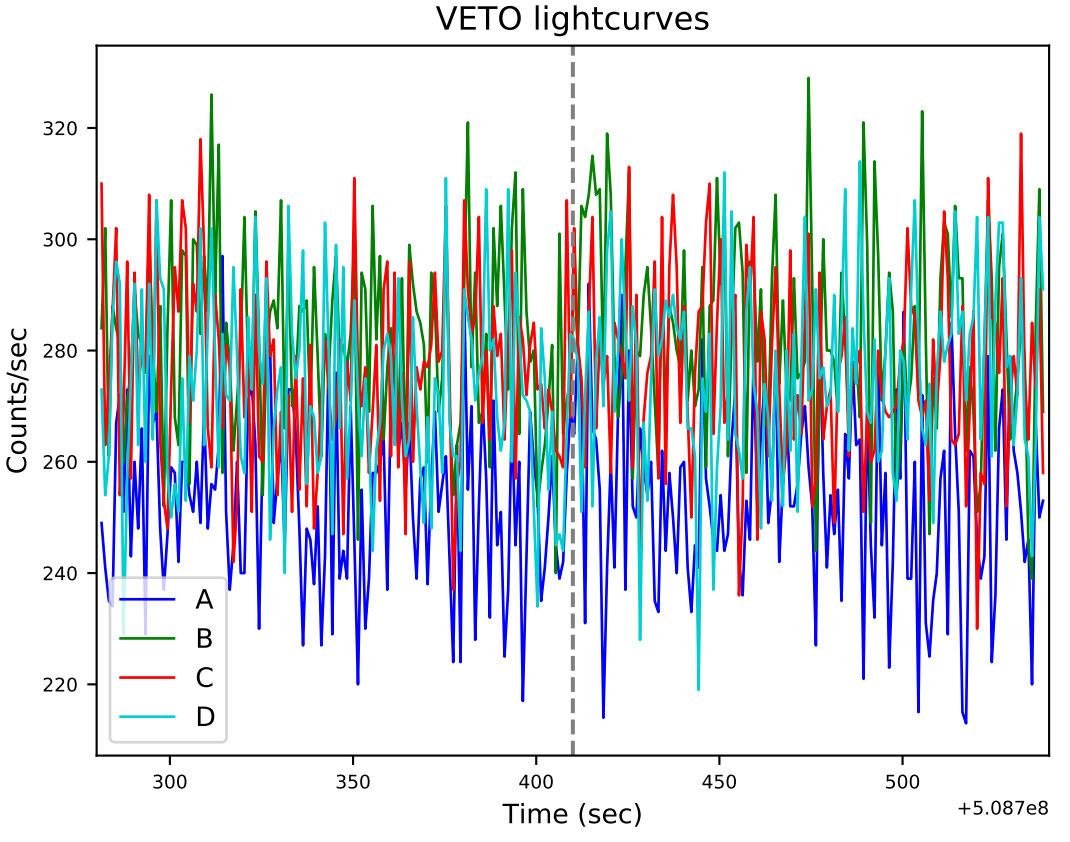
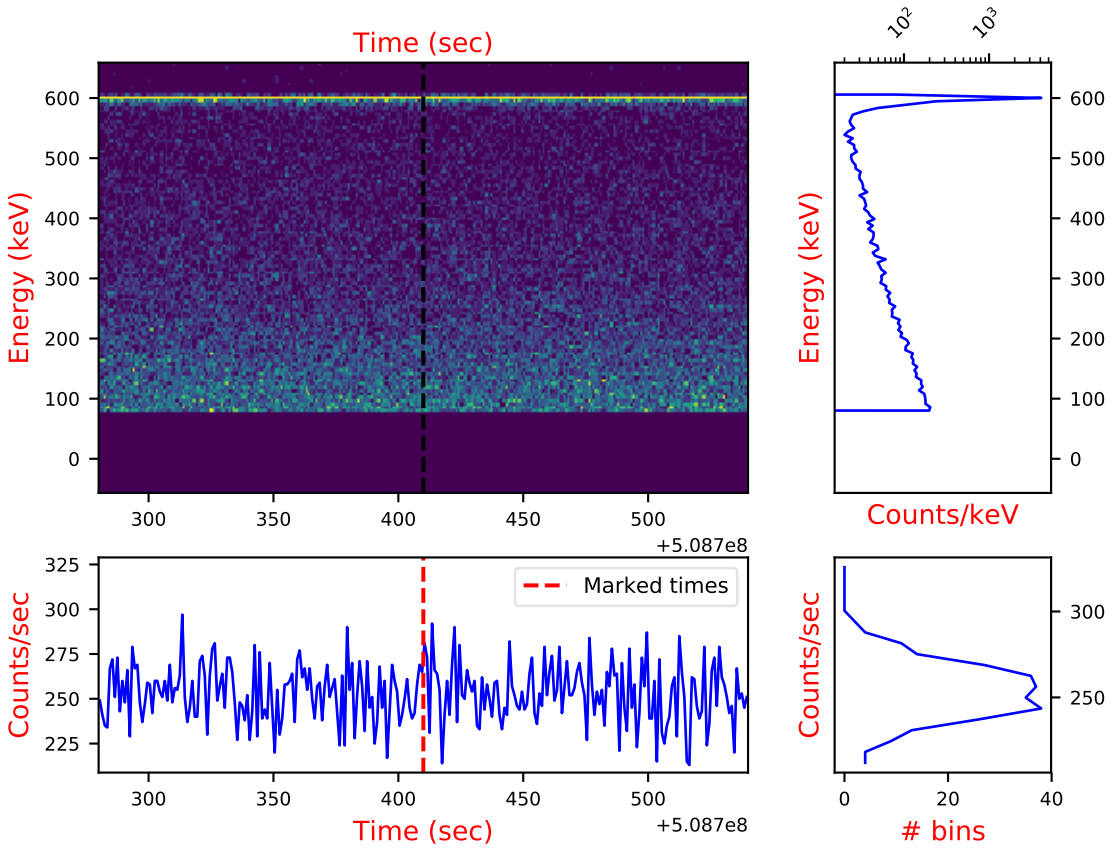
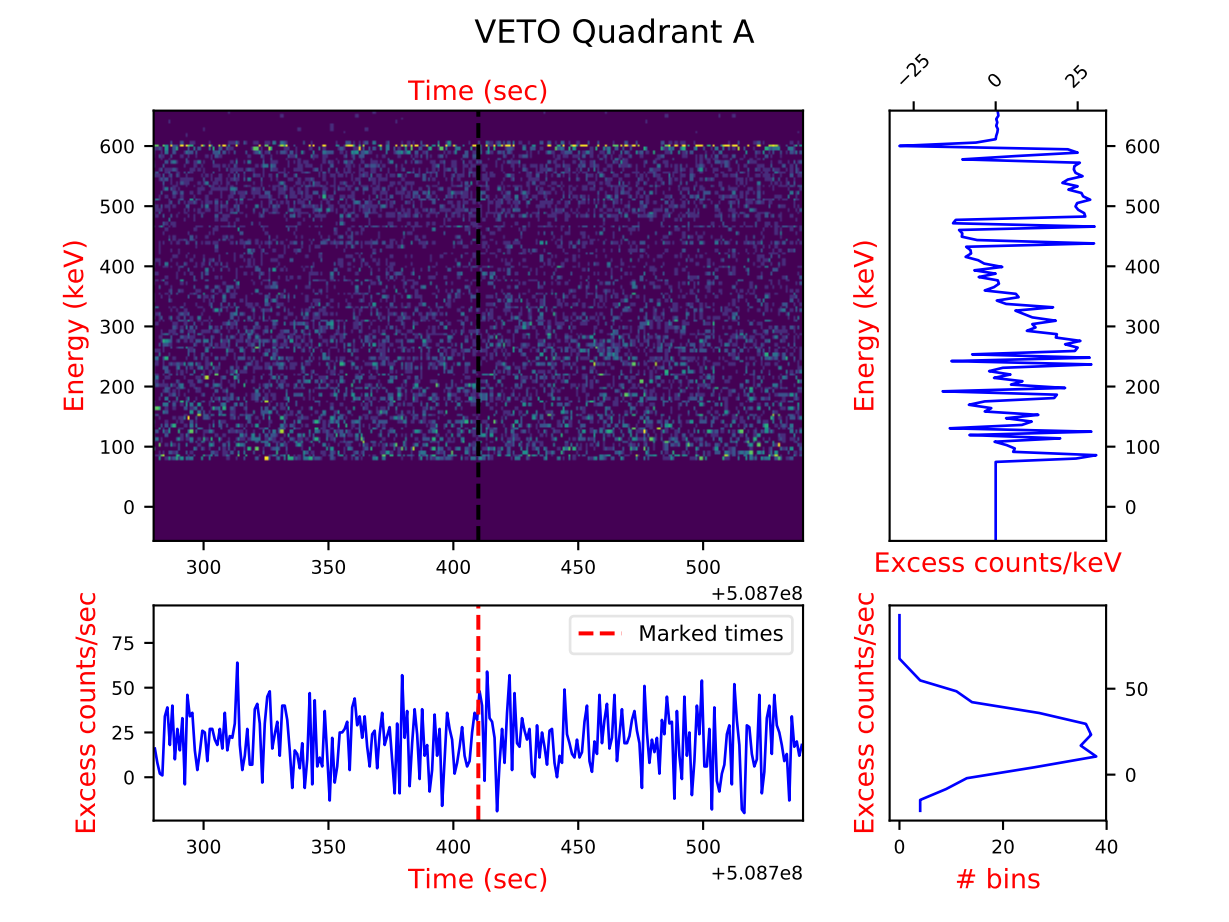
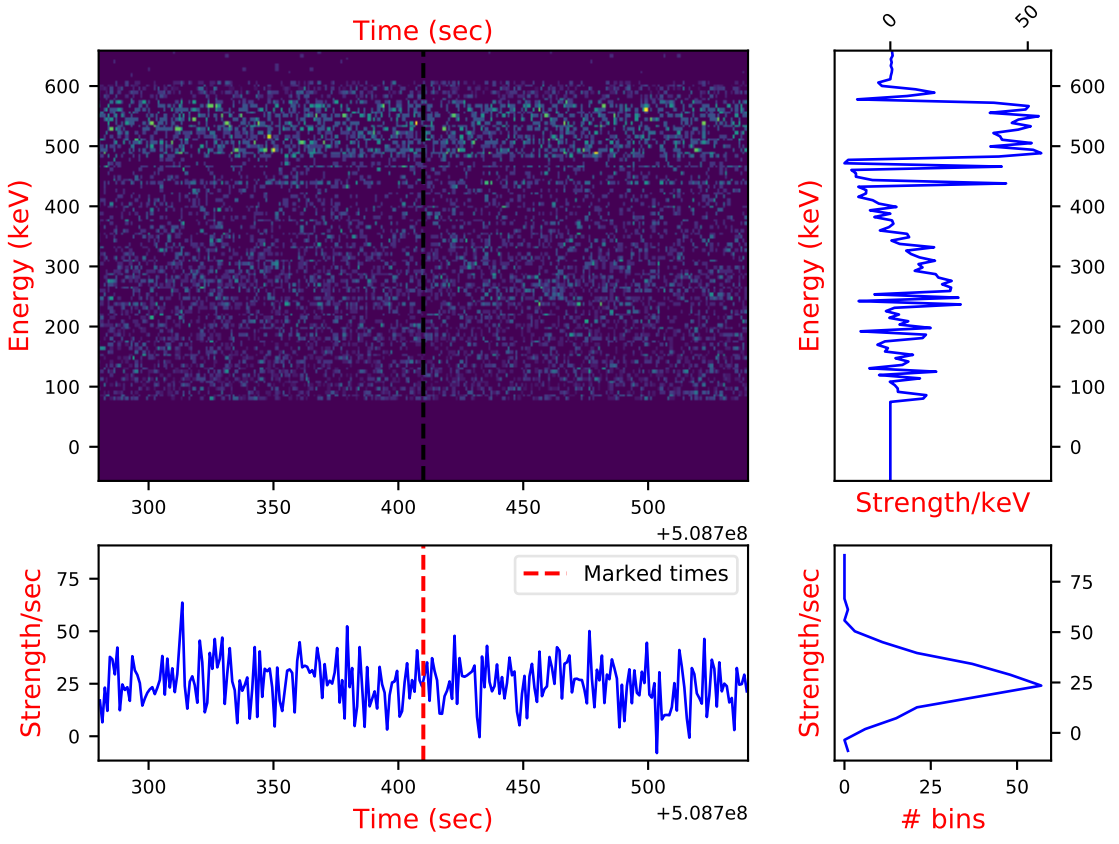
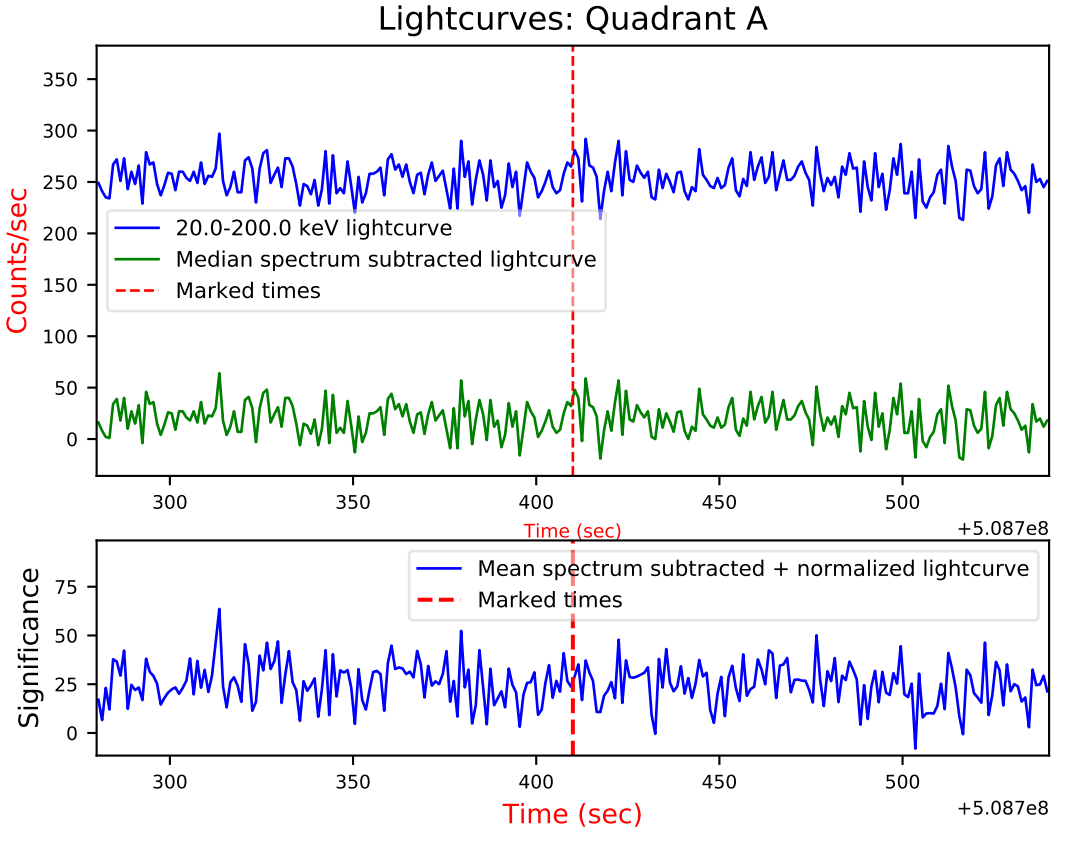
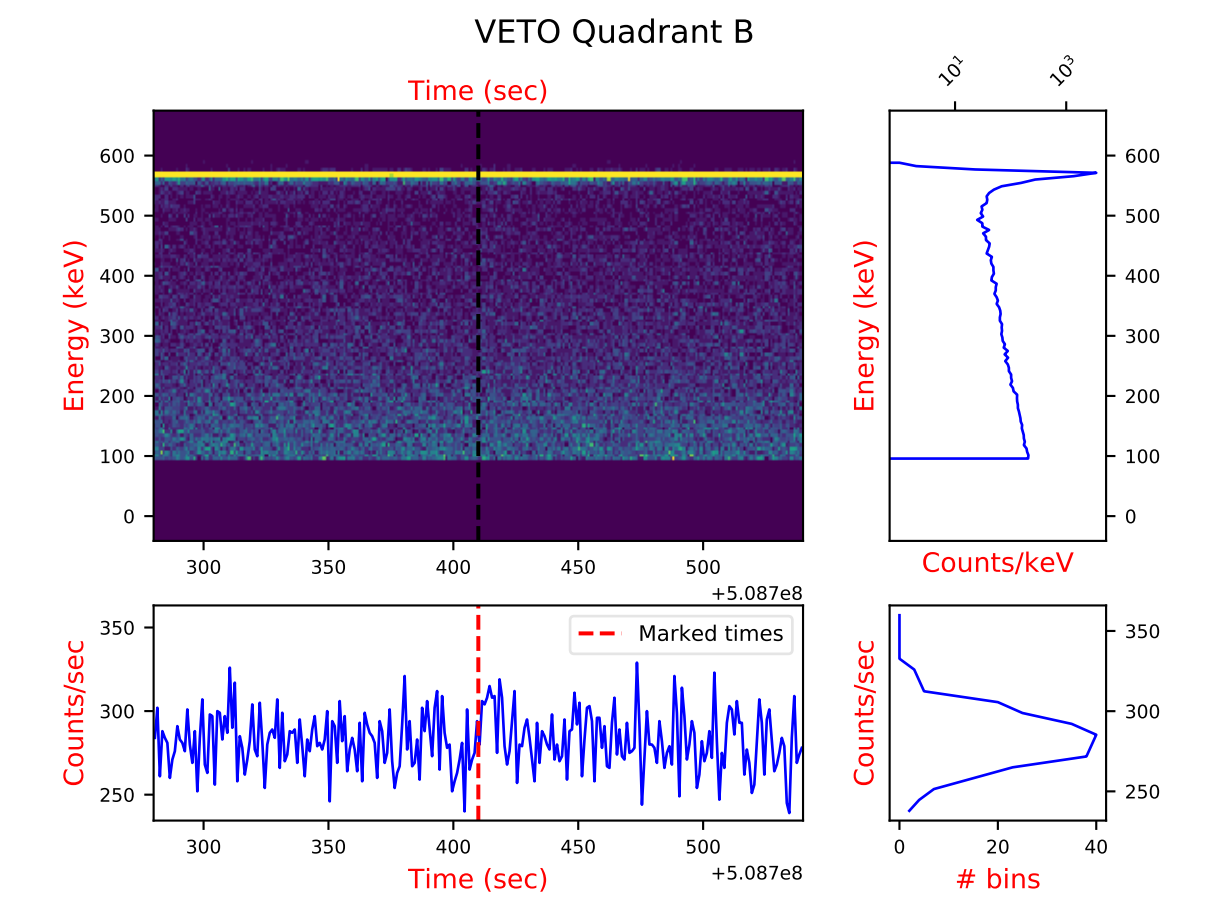

VETO lightcurves
Counts/sec
320
300
280
260
240
220
A
B
C
D
300
350
400
450
500
Time (sec)
+5.087e8

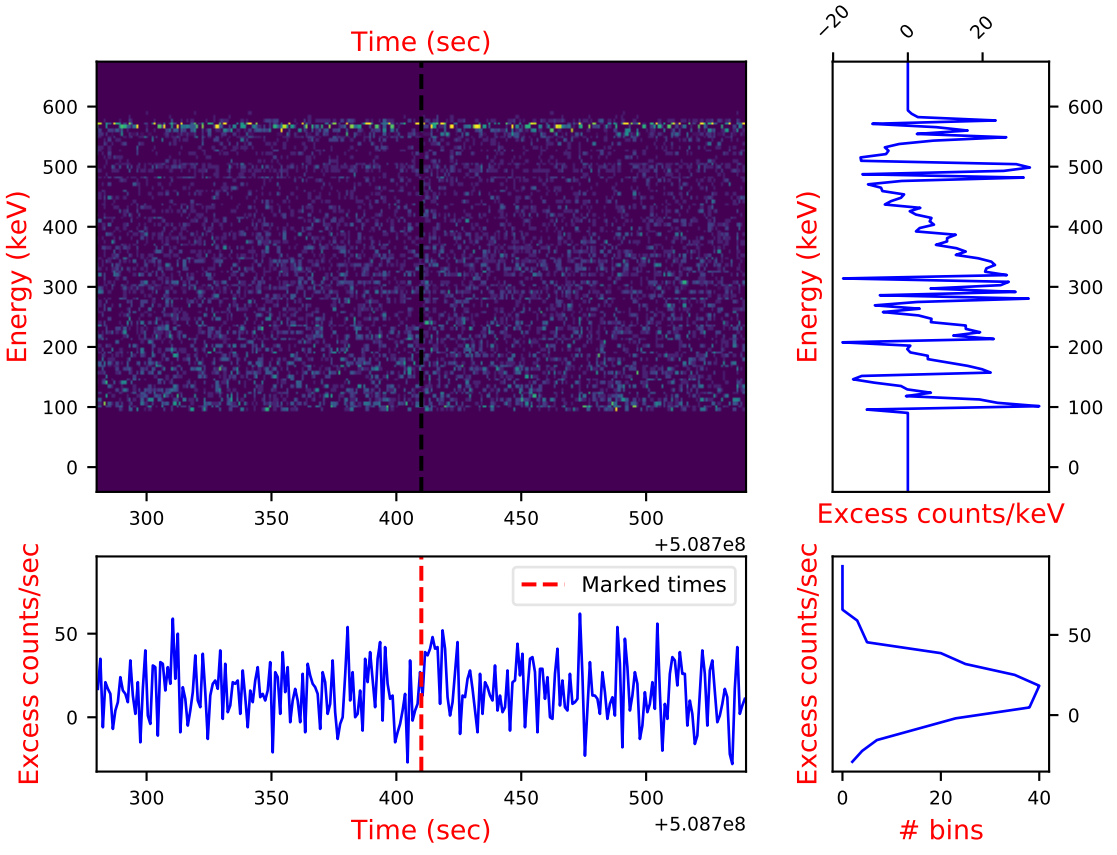

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
+5.087e8
Counts/sec
325
300
275
250
225
Marked times
Time (sec)
+5.087e8
10^2
10^3
Energy (keV)
Counts/keV
Counts/sec
bins
0
20
40

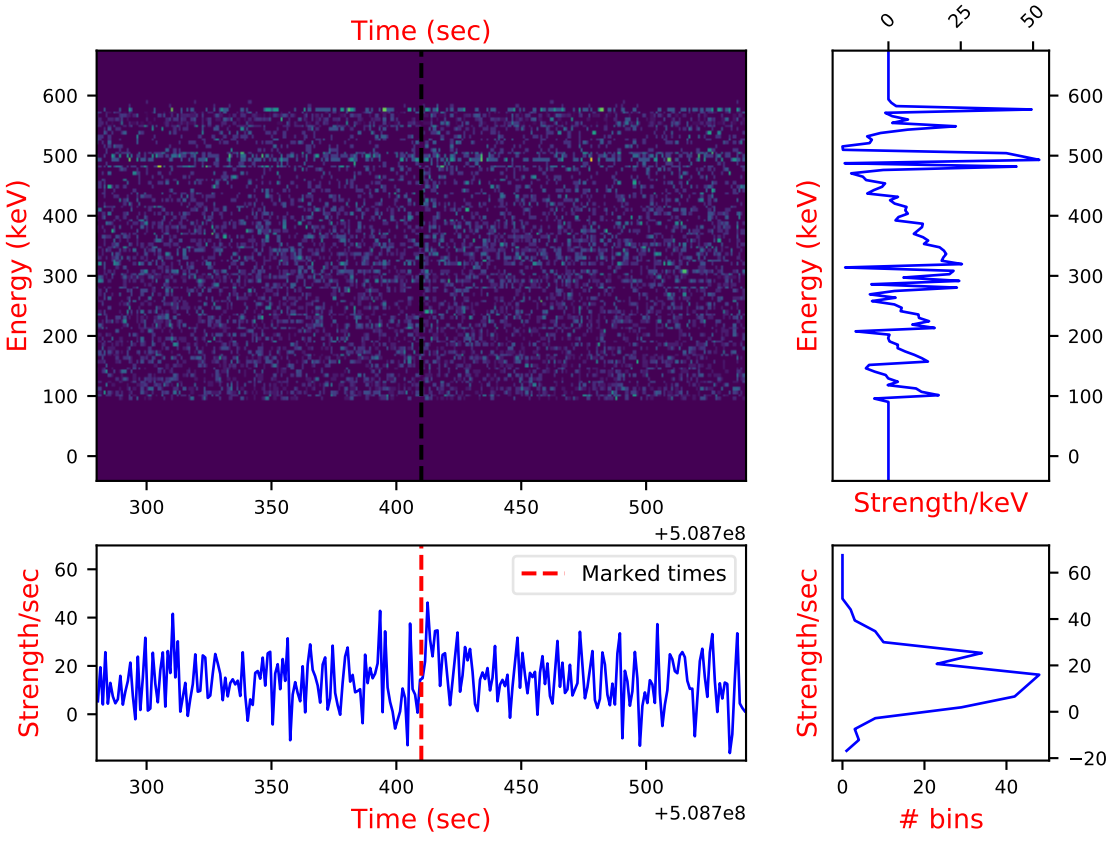

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
−25
0
25
Excess counts/keV
+5.087e8
Excess counts/sec
Marked times
75
50
25
0
Time (sec)
bins
40
20

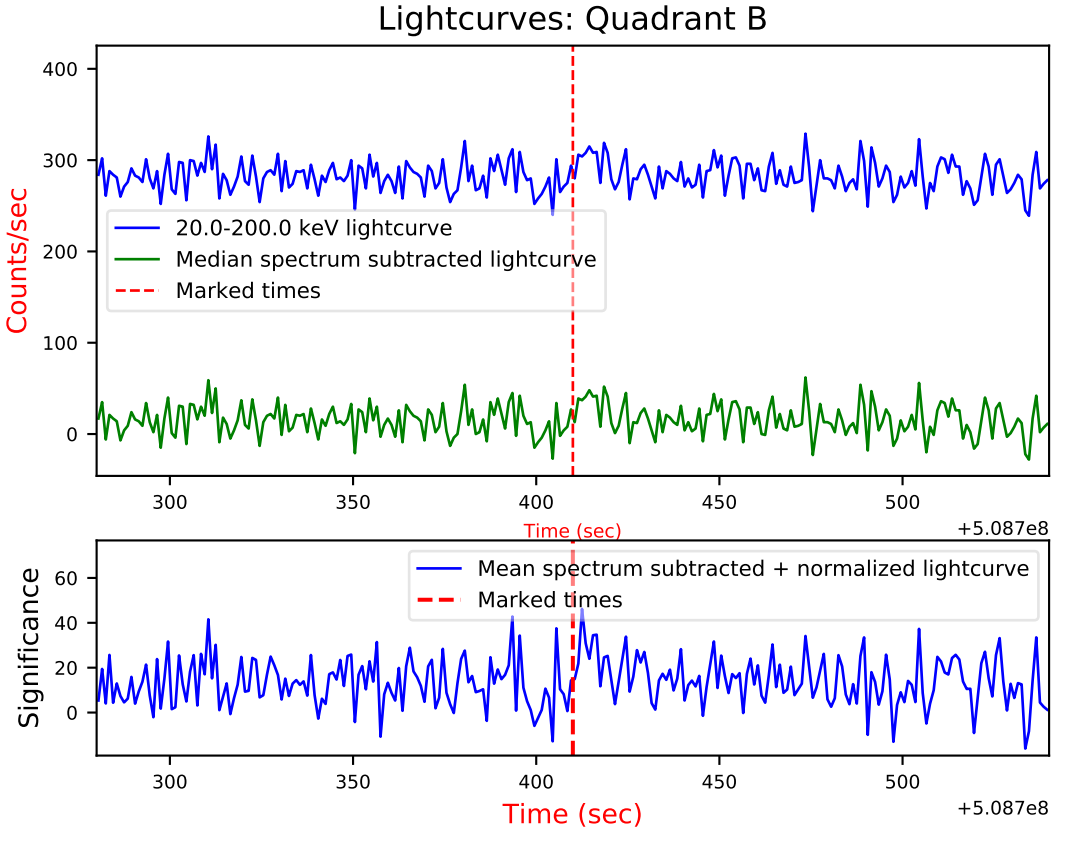

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
+5.087e8
0
50
Energy (keV)
Strength/keV
Strength/sec
75
50
25
0
Marked times
Time (sec)
bins

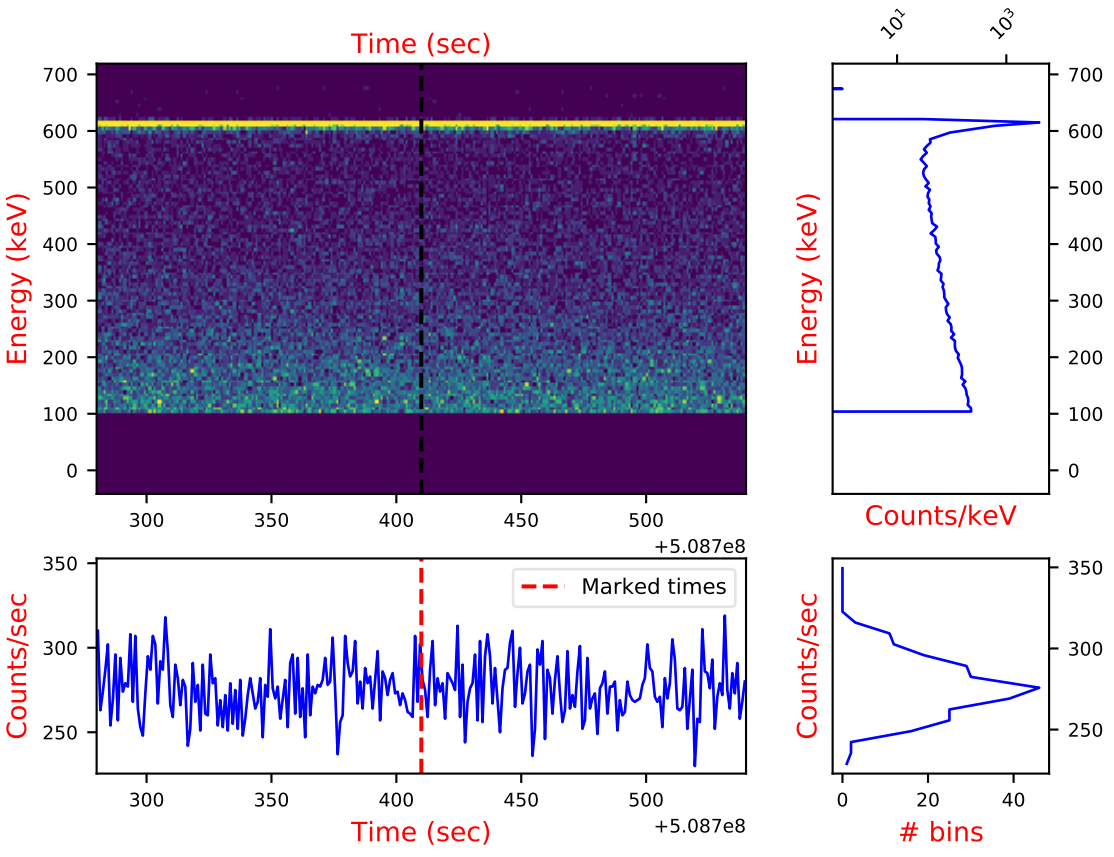

Lightcurves: Quadrant A
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+5.087e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+5.087e8

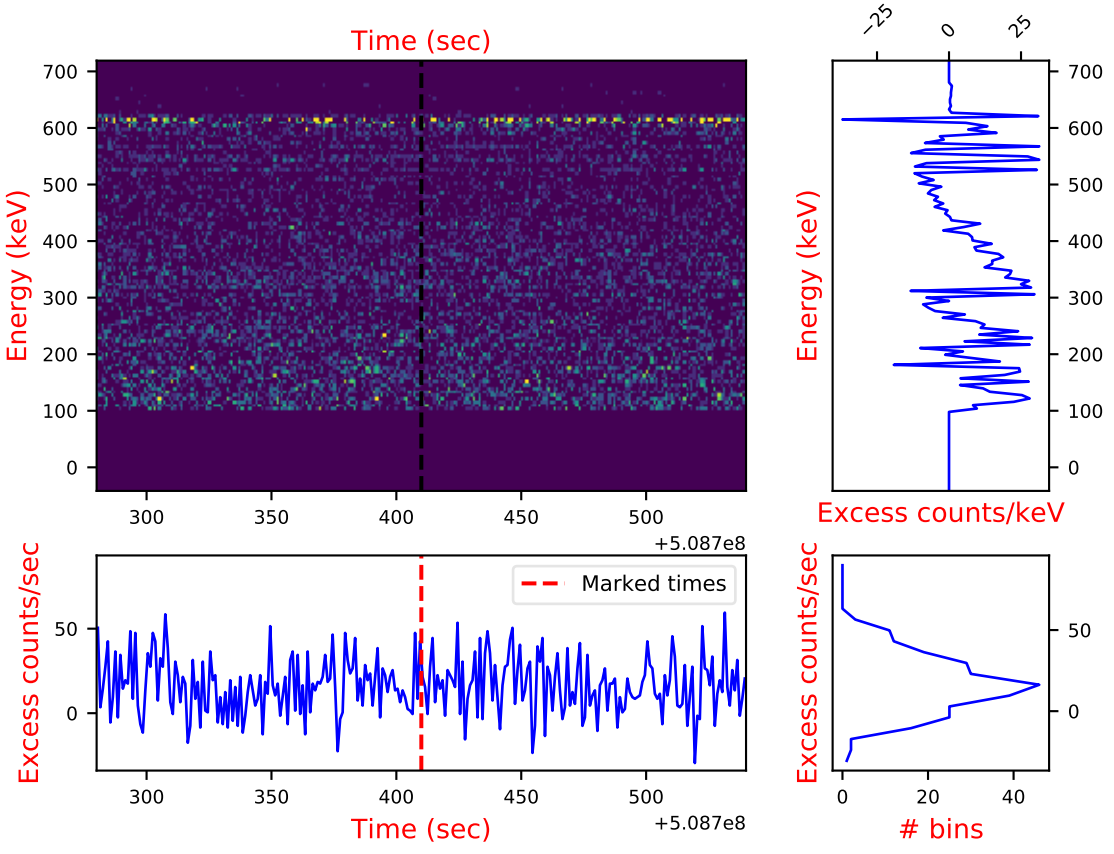

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
+5.087e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
250
Time (sec)
bins
0
20
40

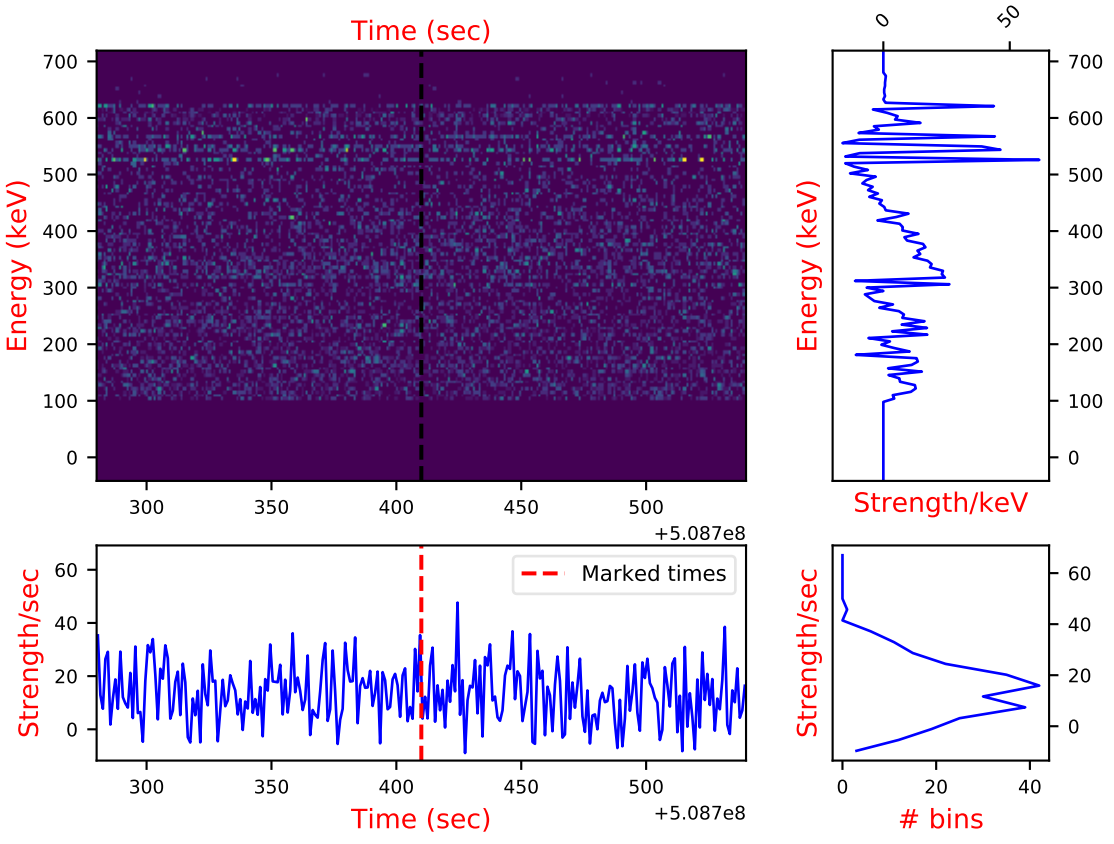

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
−20
0
20
Energy (keV)
Excess counts/keV
+5.087e8
Marked times
Excess counts/sec
50
0
Time (sec)
+5.087e8
Excess counts/sec
bins
40

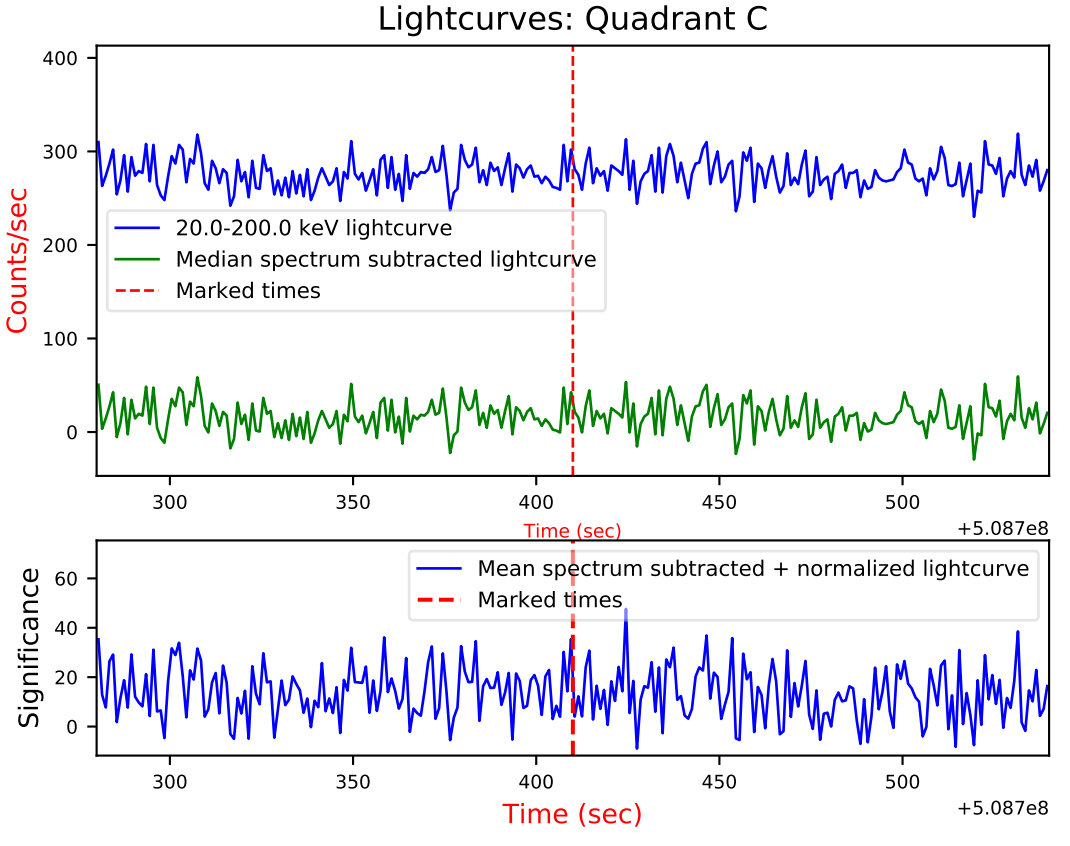

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
+5.087e8
0
25
50
Strength/keV
Strength/sec
60
40
20
0
Marked times
Time (sec)
+5.087e8
−20
bins

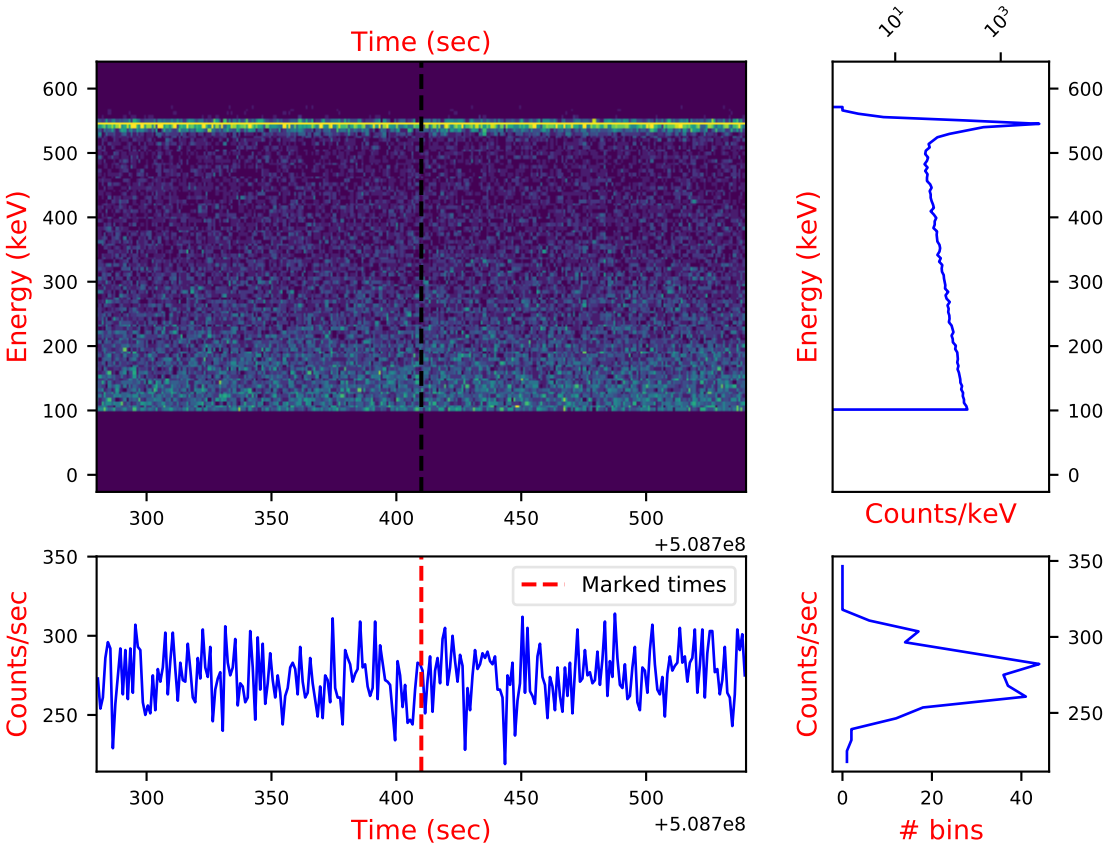

Lightcurves: Quadrant B
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+5.087e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+5.087e8

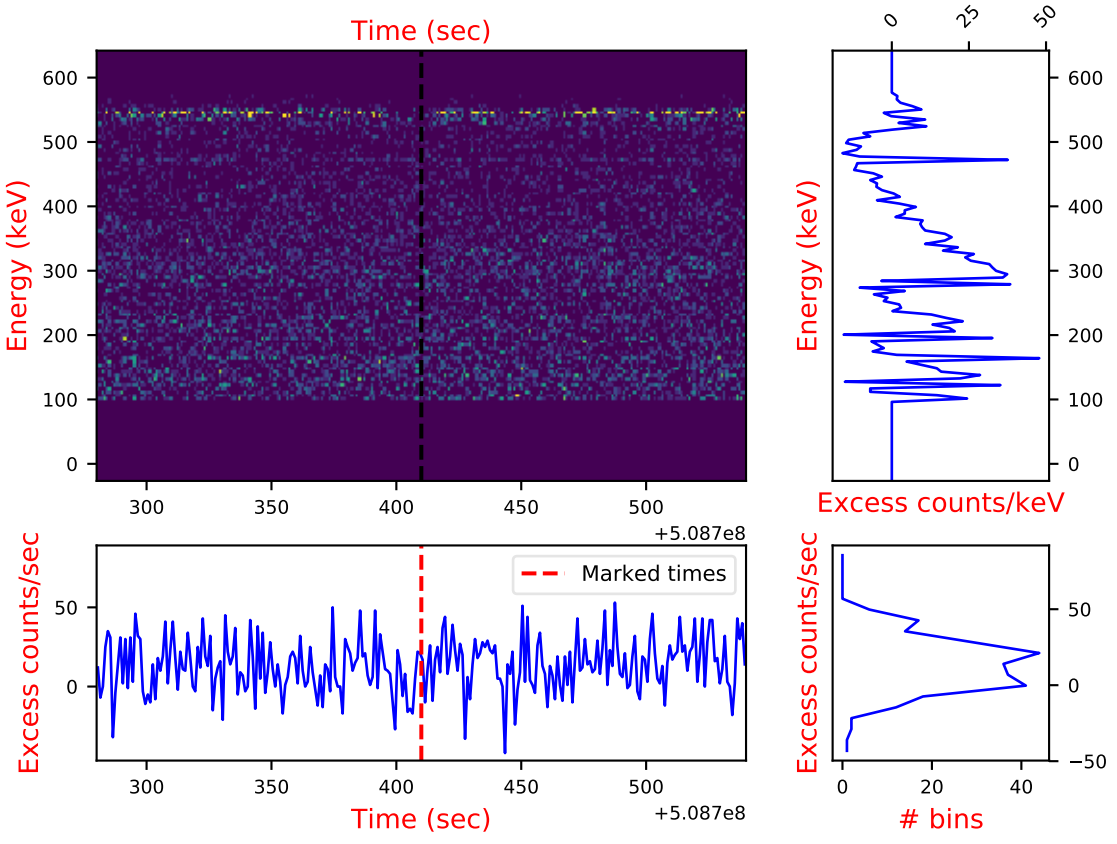

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
300
350
400
450
500
+5.087e8
10^1
10^3
Counts/keV
Counts/sec
350
300
250
Marked times
0
20
40
bins

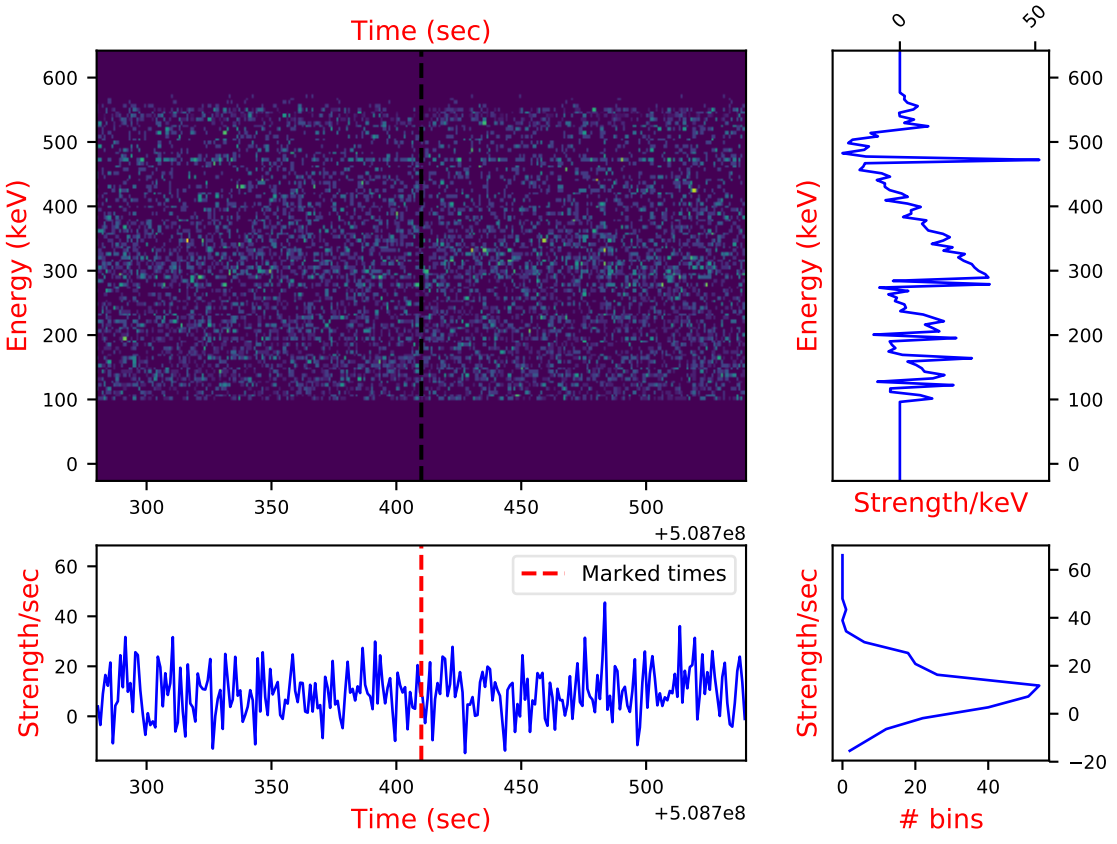

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
300
350
400
450
500
−25
0
25
Excess counts/keV
+5.087e8
Marked times
Excess counts/sec
50
0
Time (sec)
bins
20
40

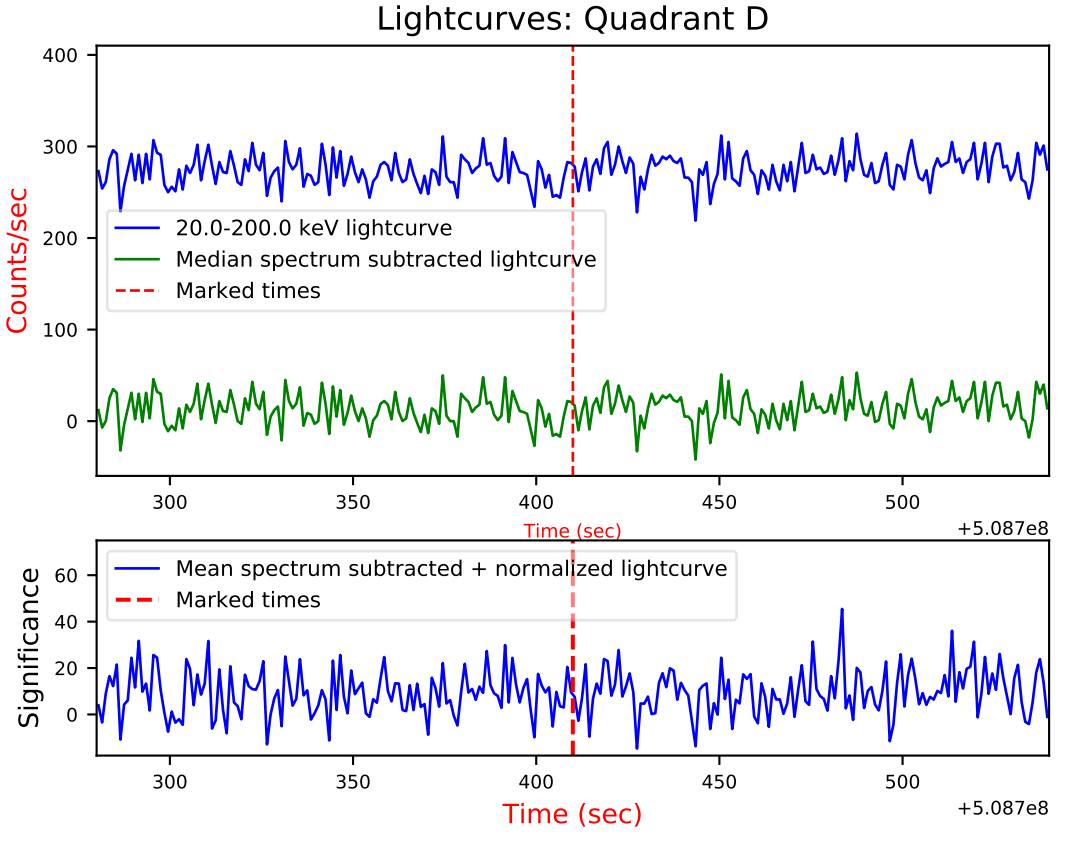

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
300
350
400
450
500
+5.087e8
0
50
Strength/keV
Strength/sec
60
40
20
0
Marked times
Time (sec)
bins


Lightcurves: Quadrant C
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+5.087e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+5.087e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
300
350
400
450
500
10^1
10^3
Counts/keV
+5.087e8
Counts/sec
350
300
250
Marked times
Time (sec)
bins
0
20
40


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
300
350
400
450
500
0
25
50
Energy (keV)
Excess counts/keV
+5.087e8
Marked times
Excess counts/sec
50
0
Time (sec)
+5.087e8
Excess counts/sec
50
0
−50
0
20
40
bins


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
300
350
400
450
500
+5.087e8
0
50
Strength/keV
Strength/sec
Marked times
60
40
20
0
−20
bins


Lightcurves: Quadrant D
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+5.087e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+5.087e8