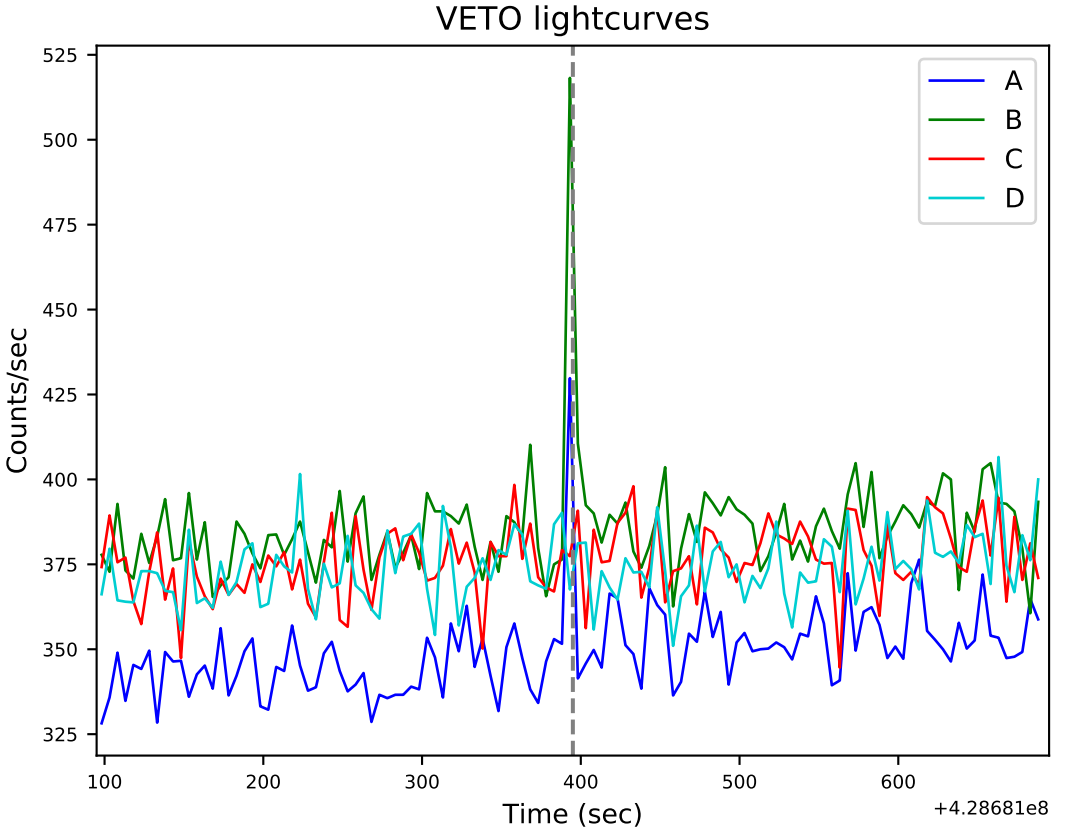
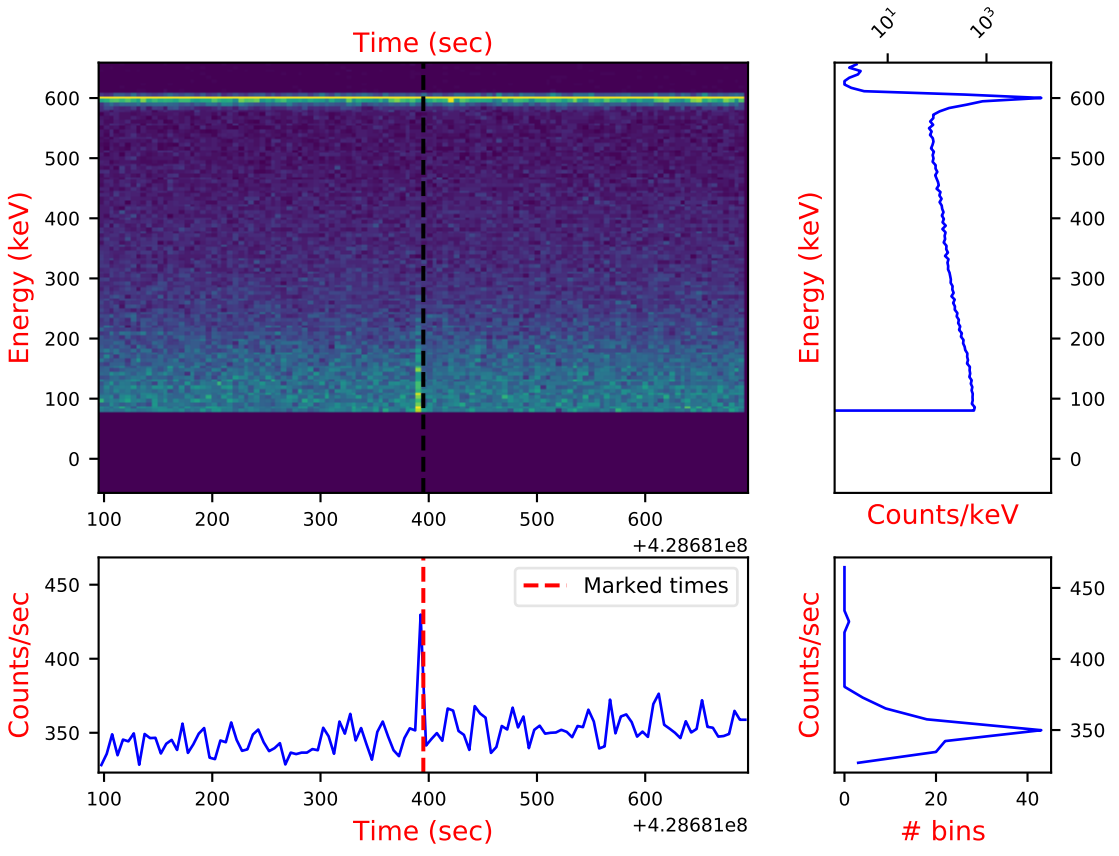
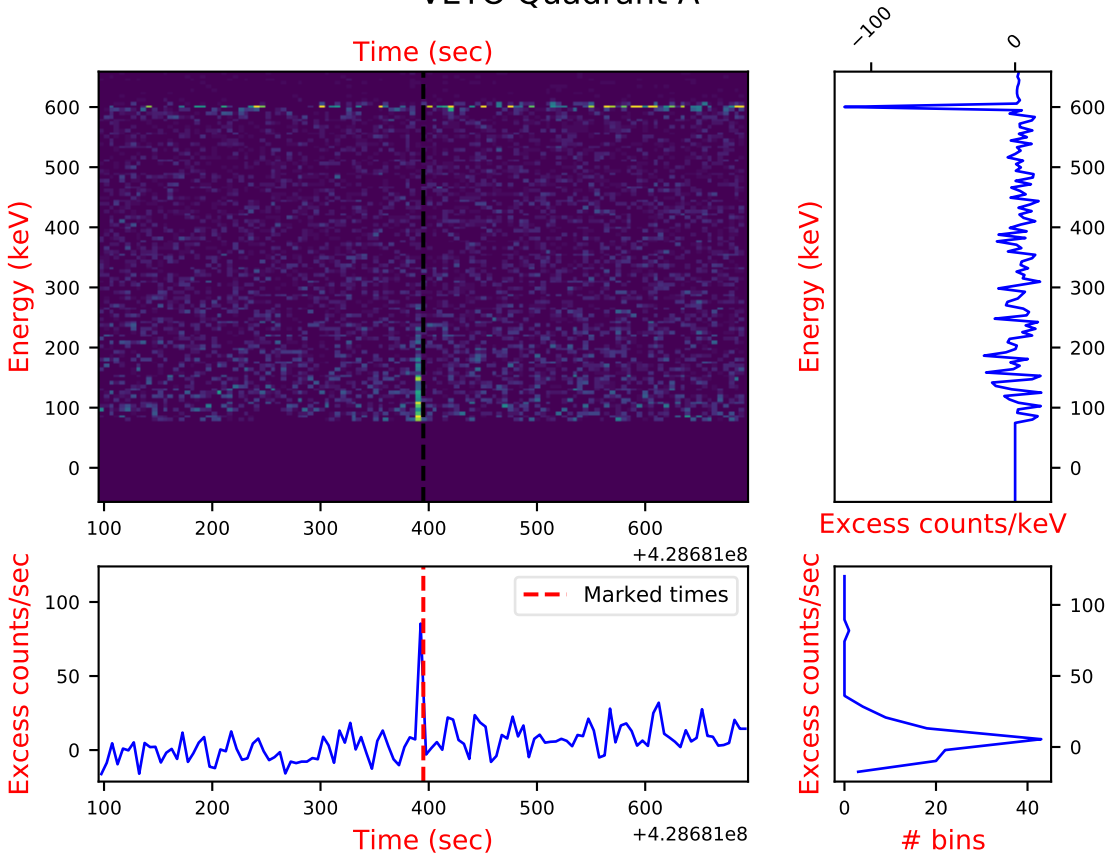
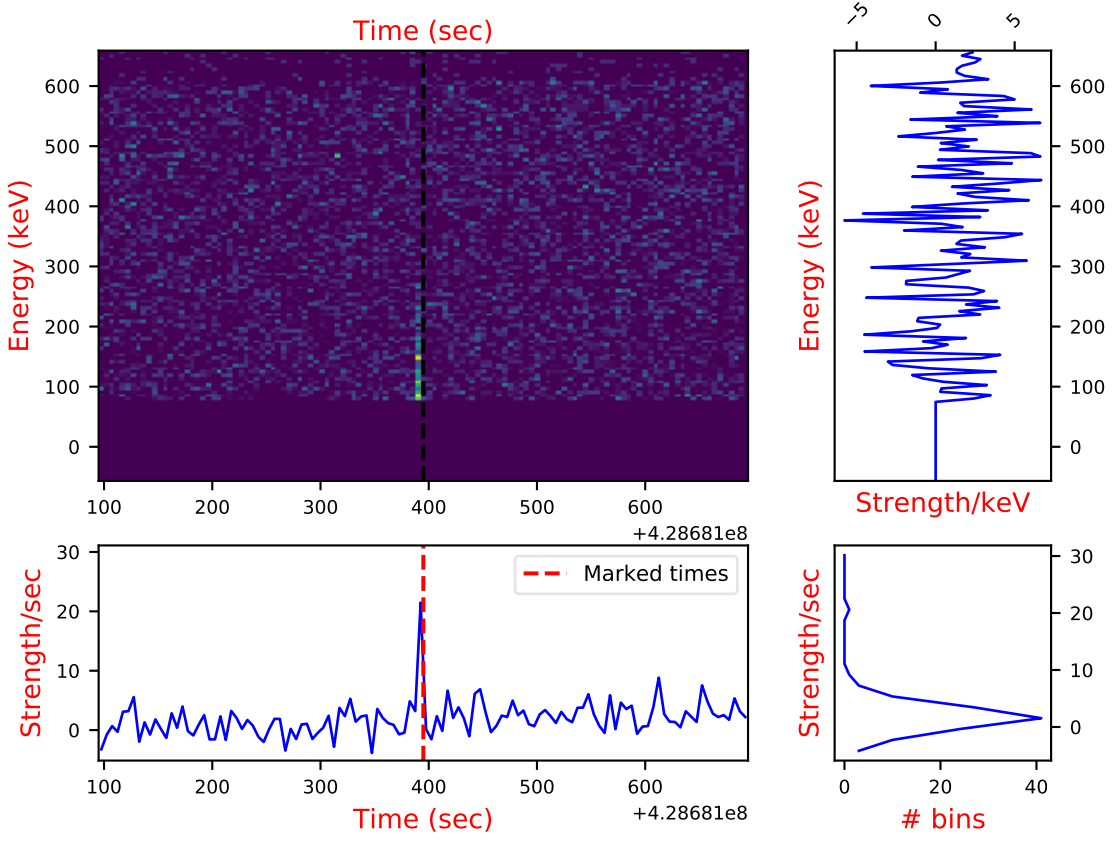
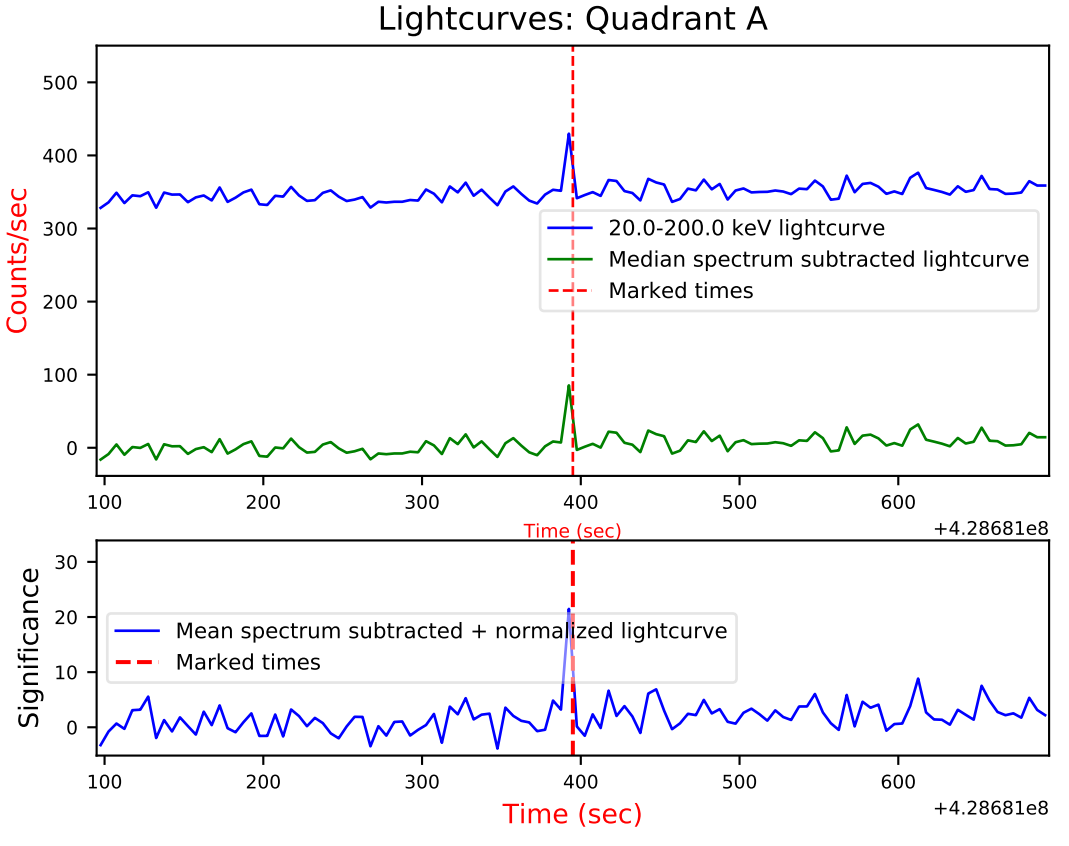
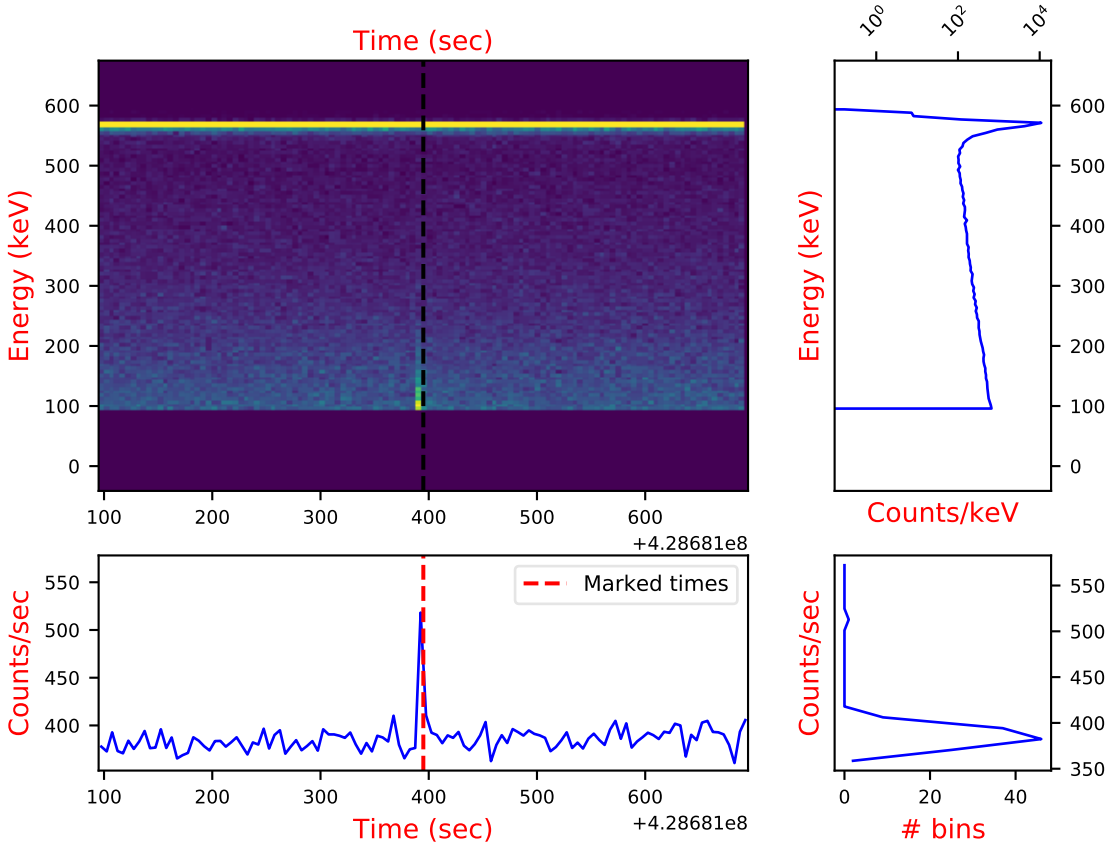

VETO lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.28681e8
525
500
475
450
425
400
375
350
325
100
200
300
400
500
600

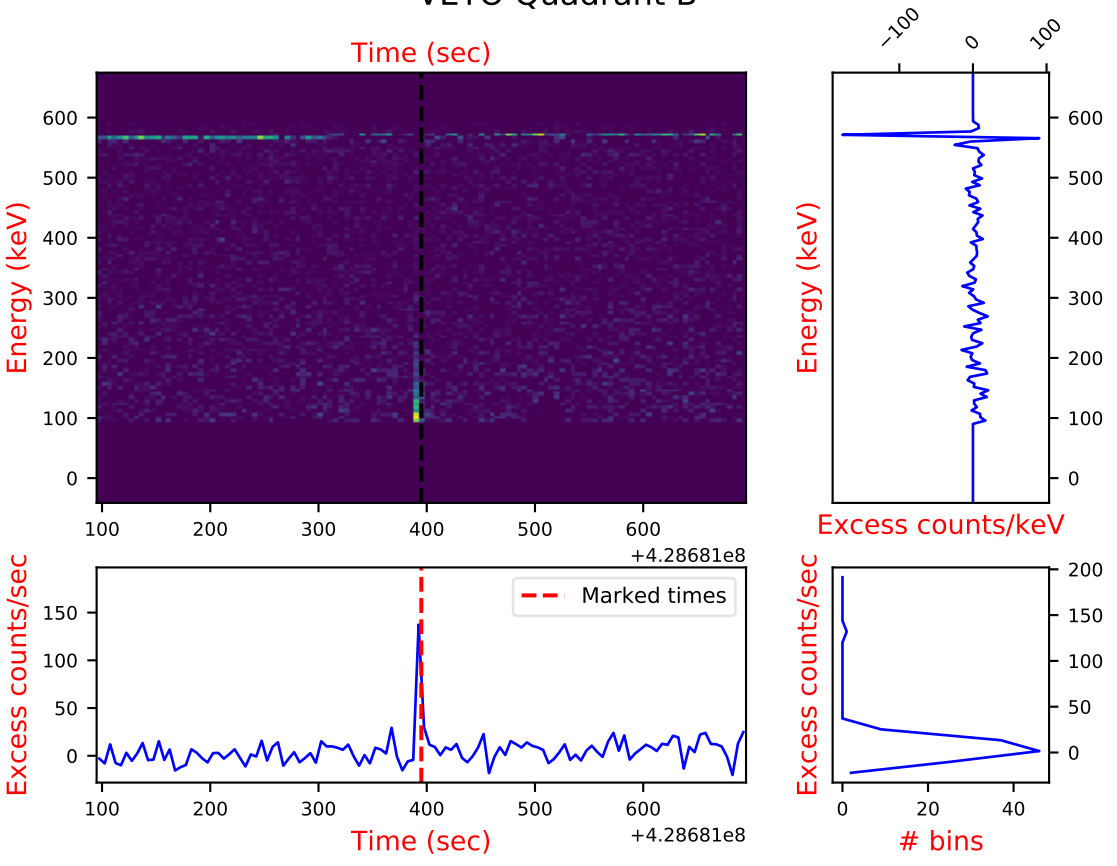

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
450
400
350
Marked times
Time (sec)
+4.28681e8
Counts/sec
0
20
40
bins

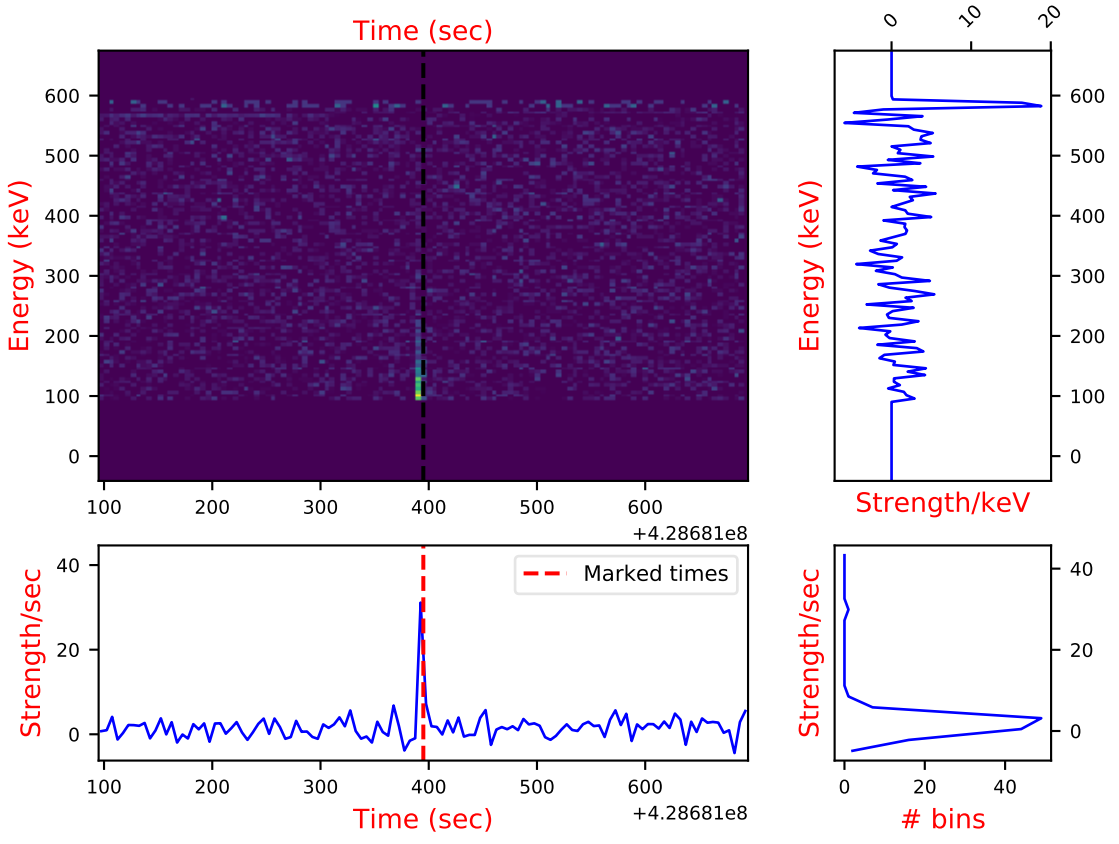

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
−100
0
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
Excess counts/sec
Time (sec)
+4.28681e8
bins
0
20
40

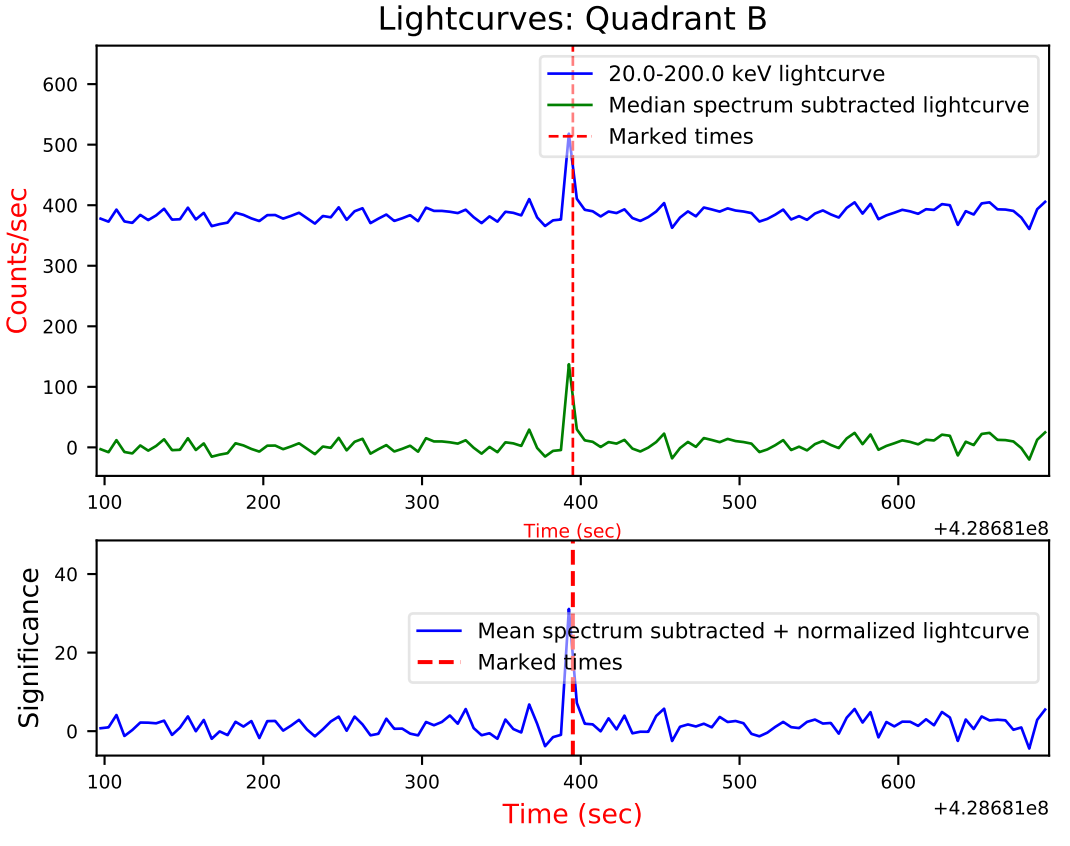

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
−5
0
5
Energy (keV)
Strength/keV
Strength/sec
30
20
10
0
Marked times
Time (sec)
+4.28681e8
bins
40

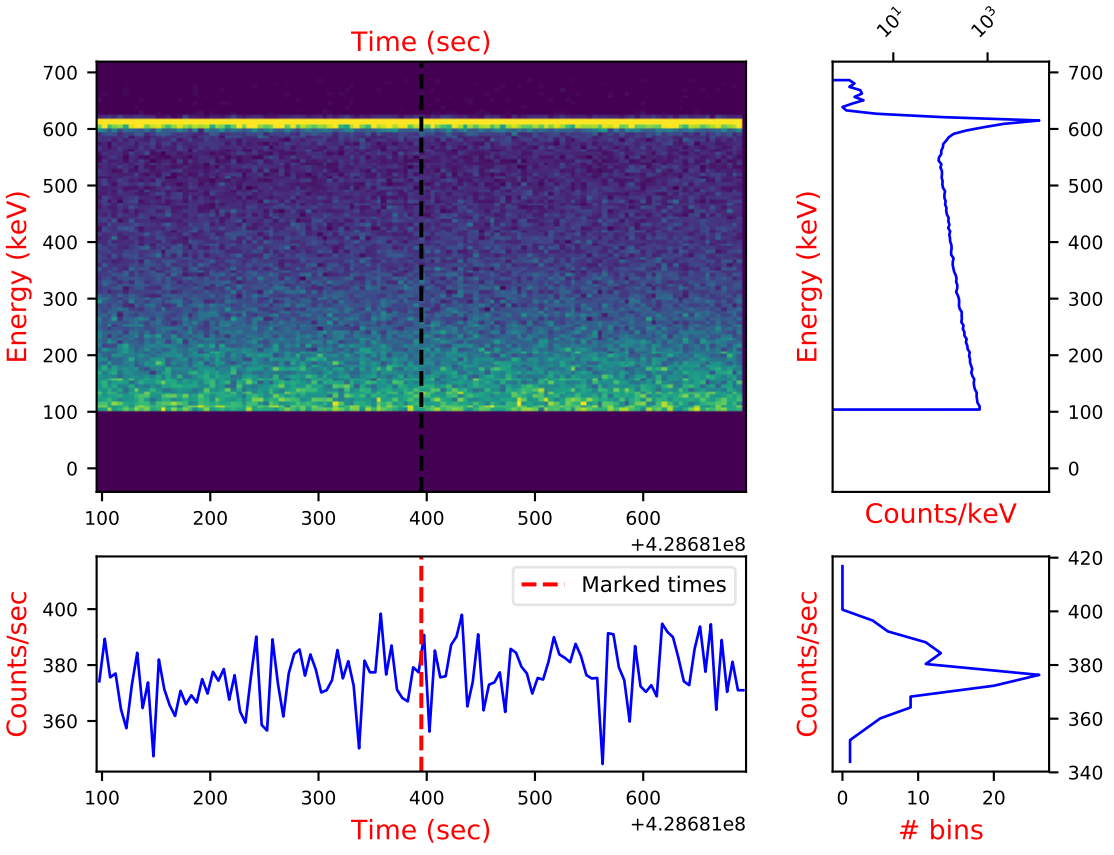

Lightcurves: Quadrant A
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
100
200
300
400
500
600
Time (sec)
+4.28681e8
Significance
30
20
10
0
Mean spectrum subtracted + normalized lightcurve
Marked times
100
200
300
400
500
600
Time (sec)
+4.28681e8

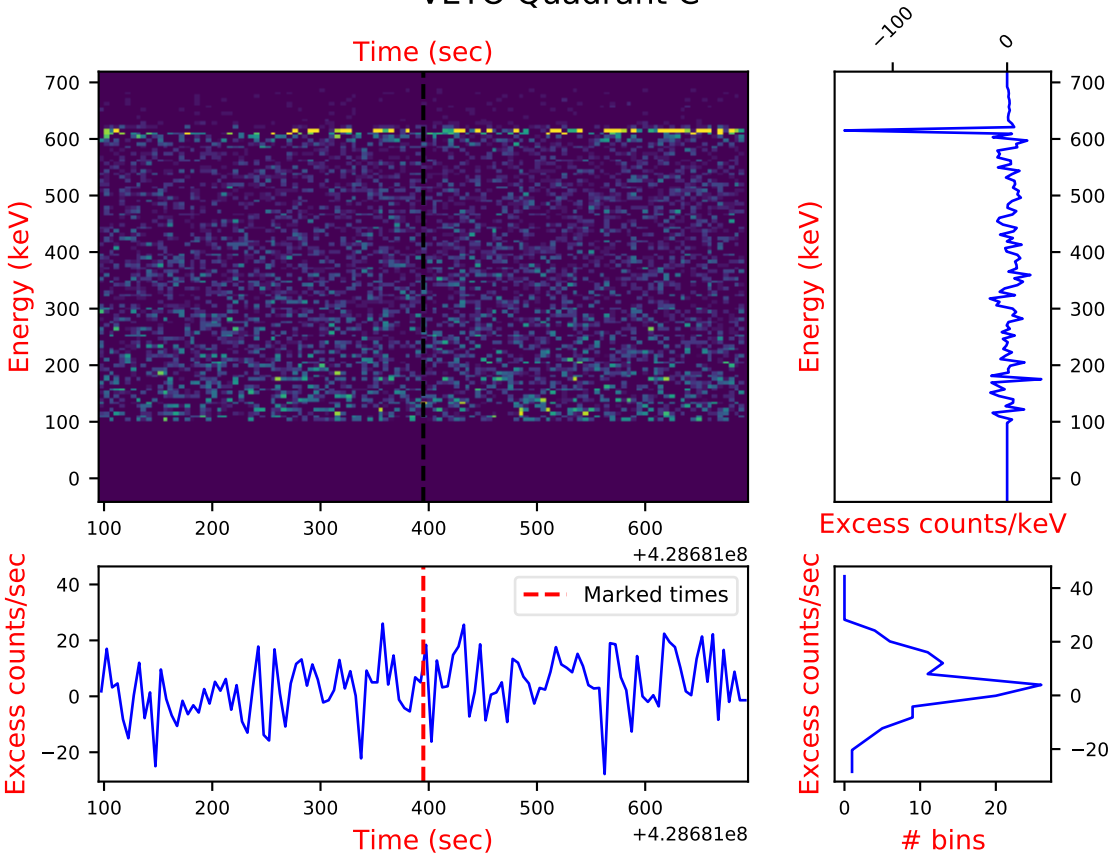

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
10^0
10^2
10^4
Energy (keV)
Counts/keV
Counts/sec
550
500
450
400
Marked times
100
200
300
400
500
600
+4.28681e8
Time (sec)
Counts/sec
350
0
20
40
bins

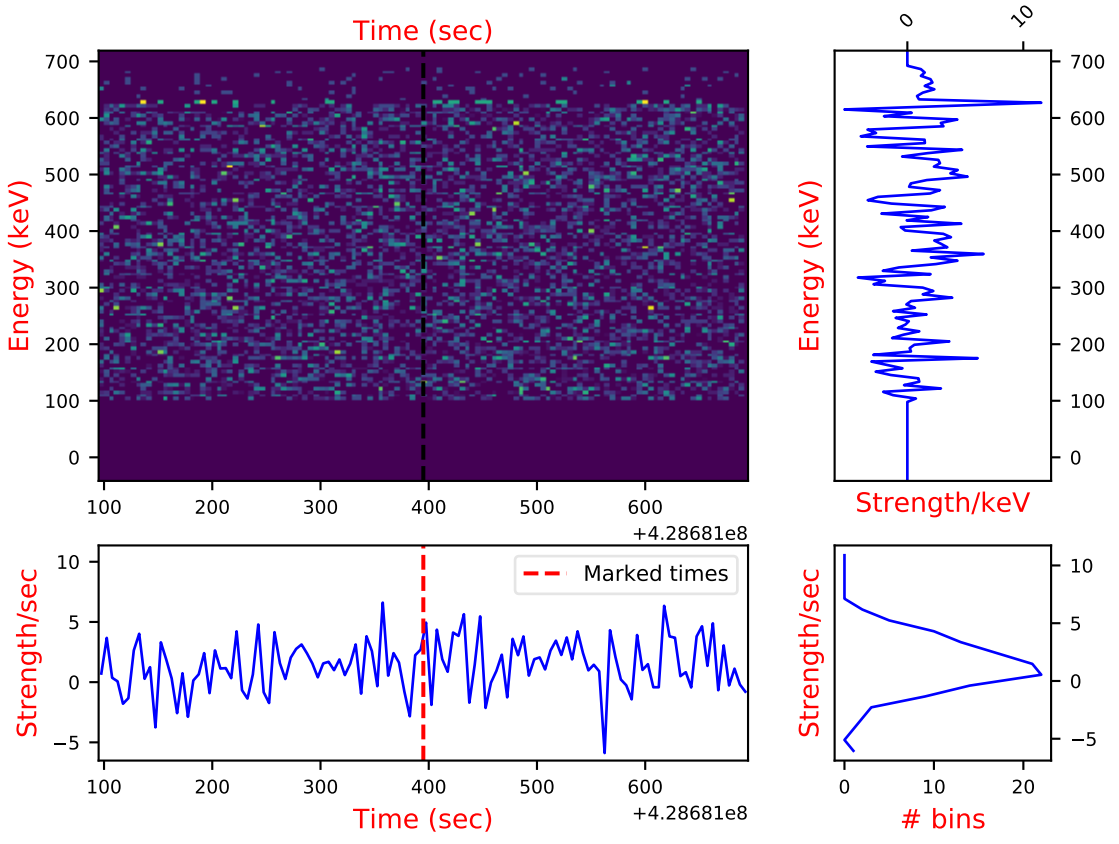

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
−100
0
100
Energy (keV)
Excess counts/keV
Excess counts/sec
150
100
50
0
Marked times
Time (sec)
+4.28681e8
Excess counts/sec
200
150
100
50
0
0
20
40
bins

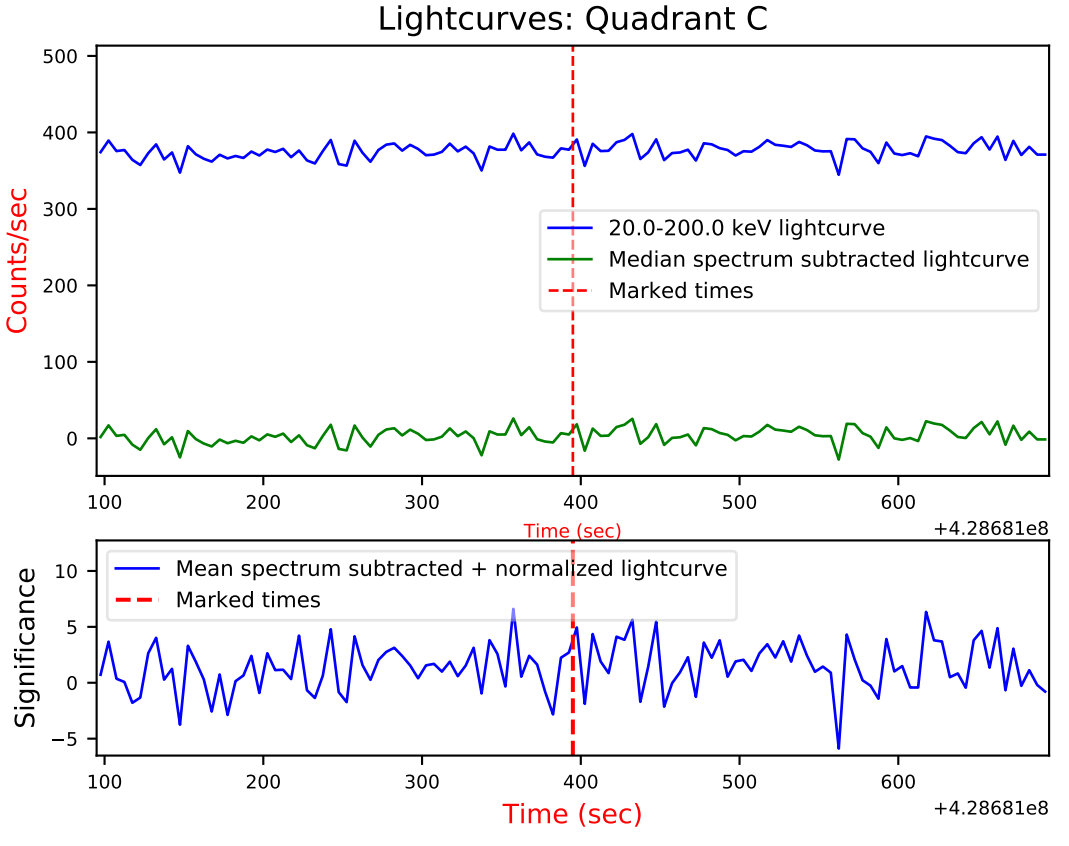

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
40
20
0
Marked times
100
200
300
400
500
600
+4.28681e8
Time (sec)
Strength/sec
0
20
40
bins

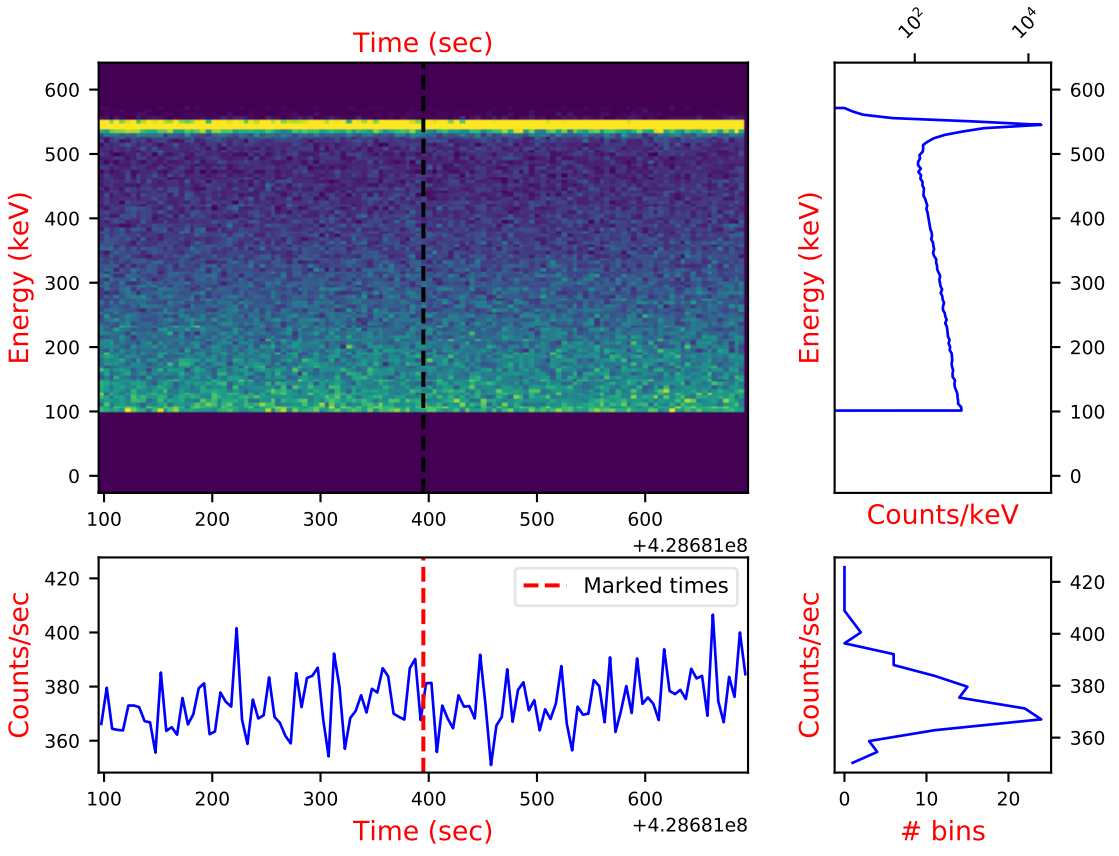

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
100
200
300
400
500
600
Time (sec)
+4.28681e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
40
20
0
100
200
300
400
500
600
Time (sec)
+4.28681e8

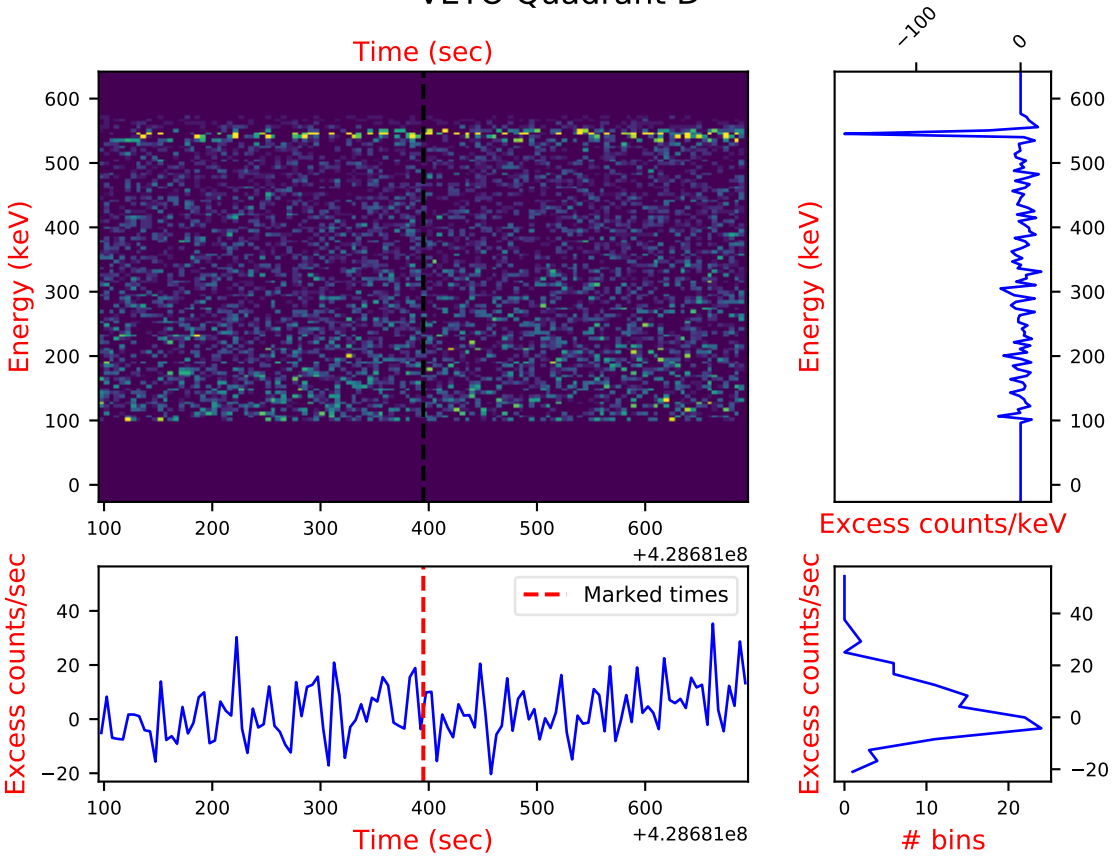

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
420
400
380
360
340
0
10
20
bins

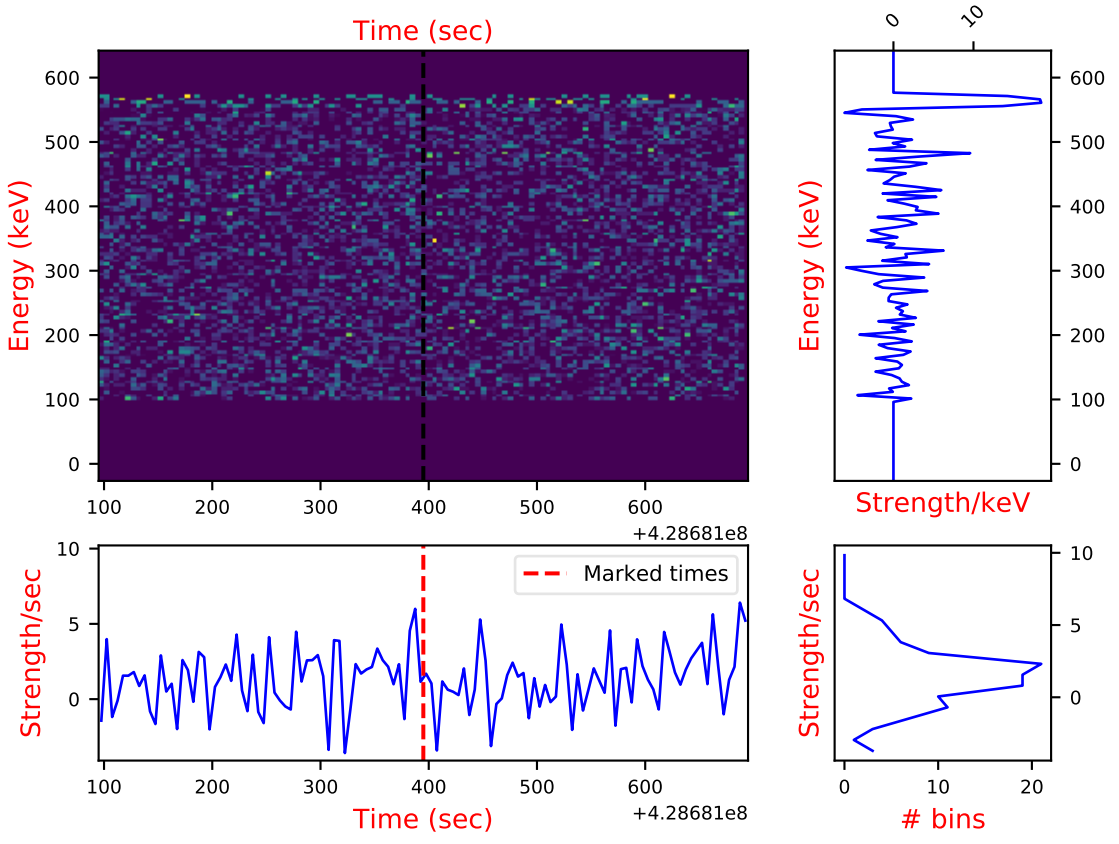

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
−100
0
Excess counts/keV
Excess counts/sec
40
20
0
−20
Marked times
Time (sec)
bins
10

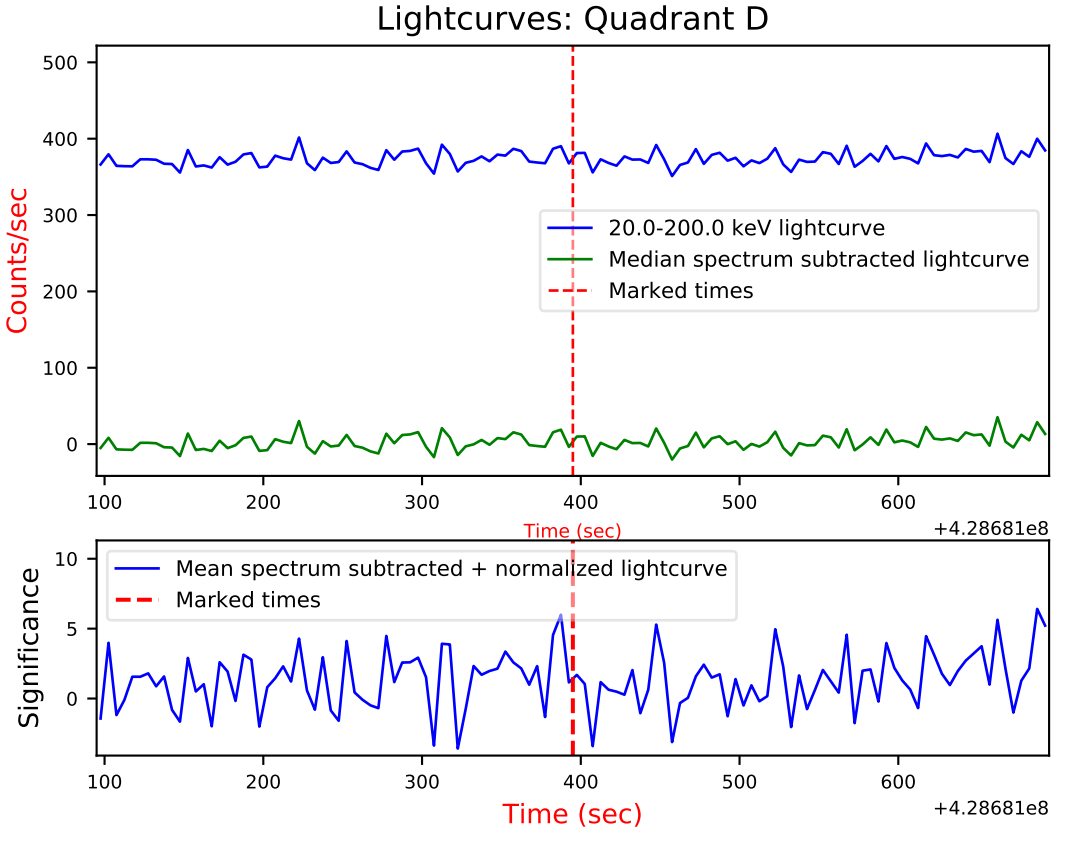

VETO Quadrant C
Time (sec)
Energy (keV)
+4.28681e8
Strength/keV
Marked times
Strength/sec
Time (sec)
+4.28681e8
bins


Lightcurves: Quadrant C
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
100
200
300
400
500
600
Time (sec)
+4.28681e8
Significance
10
5
0
−5
Mean spectrum subtracted + normalized lightcurve
Marked times
100
200
300
400
500
600
Time (sec)
+4.28681e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
10^2
10^4
Energy (keV)
Counts/keV
Counts/sec
420
400
380
360
Marked times
Time (sec)
+4.28681e8
Counts/sec
0
10
20
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
200
300
400
500
600
+4.28681e8
−100
0
Excess counts/keV
Excess counts/sec
40
20
0
−20
Marked times
Time (sec)
+4.28681e8
10
20
bins


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
+4.28681e8
Strength/keV
0
10
Strength/sec
Marked times
bins
20


Lightcurves: Quadrant D
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+4.28681e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+4.28681e8