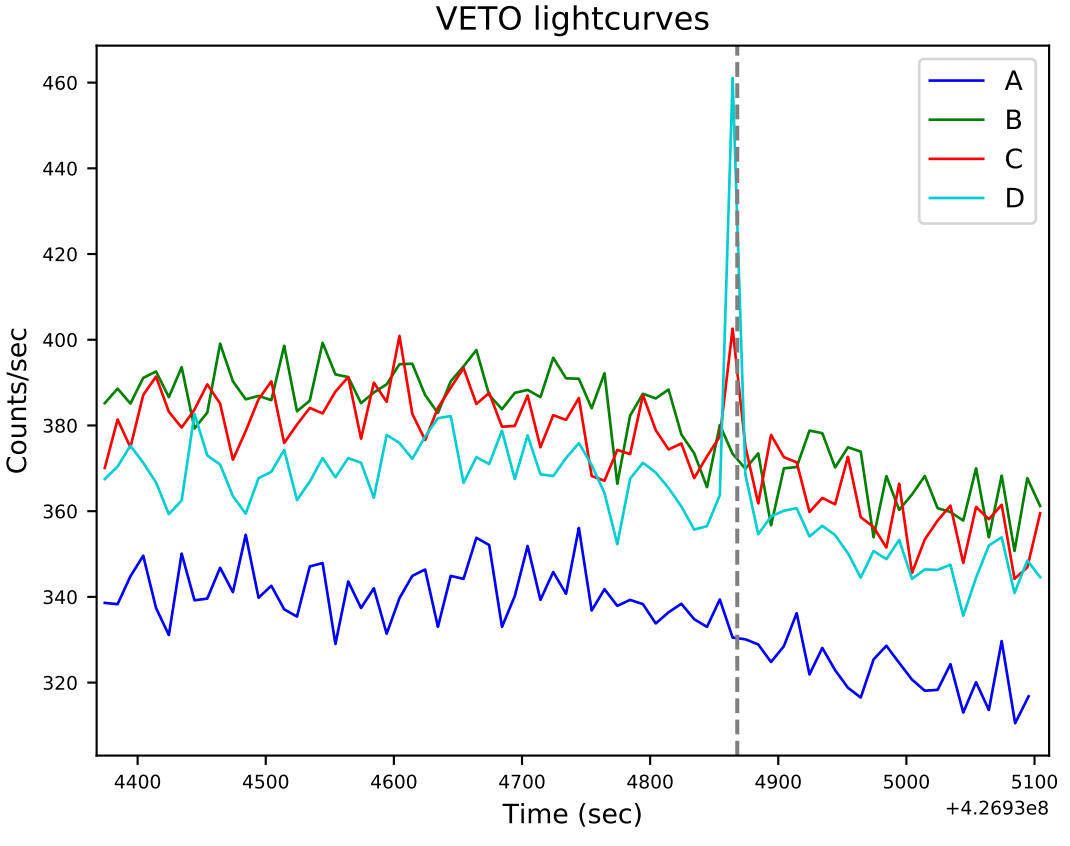
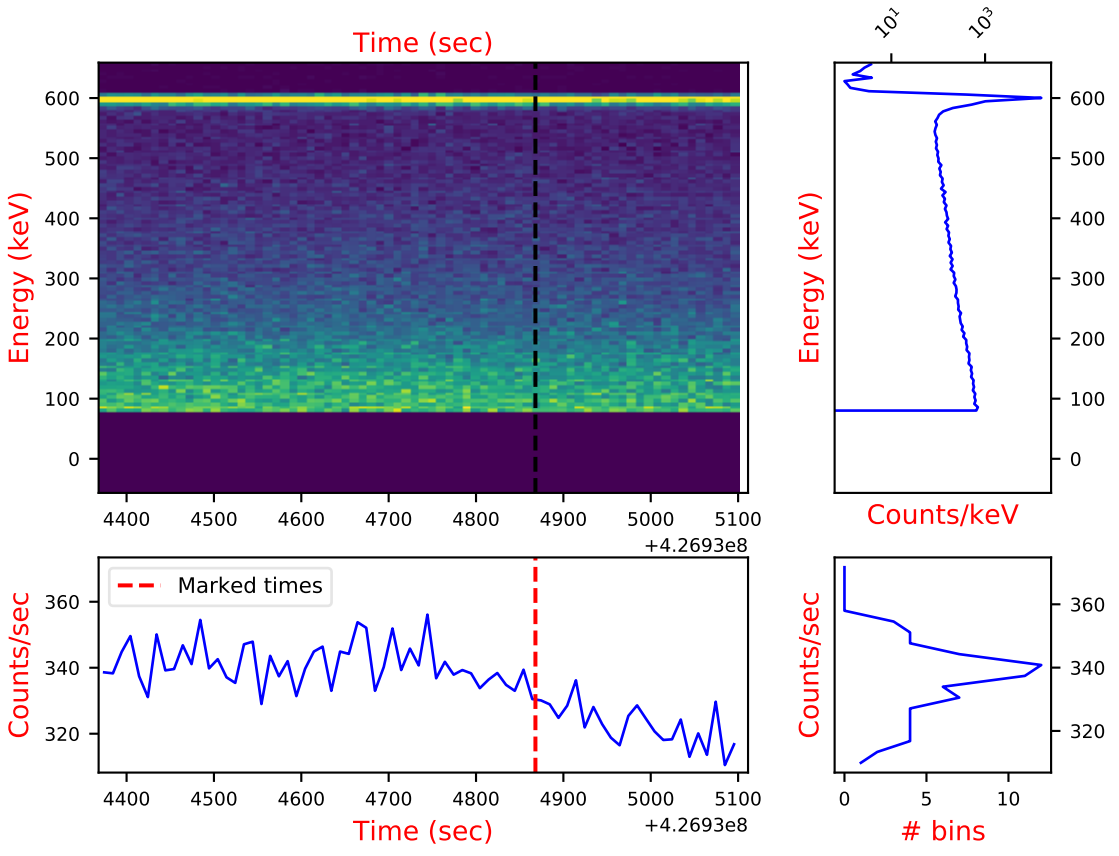
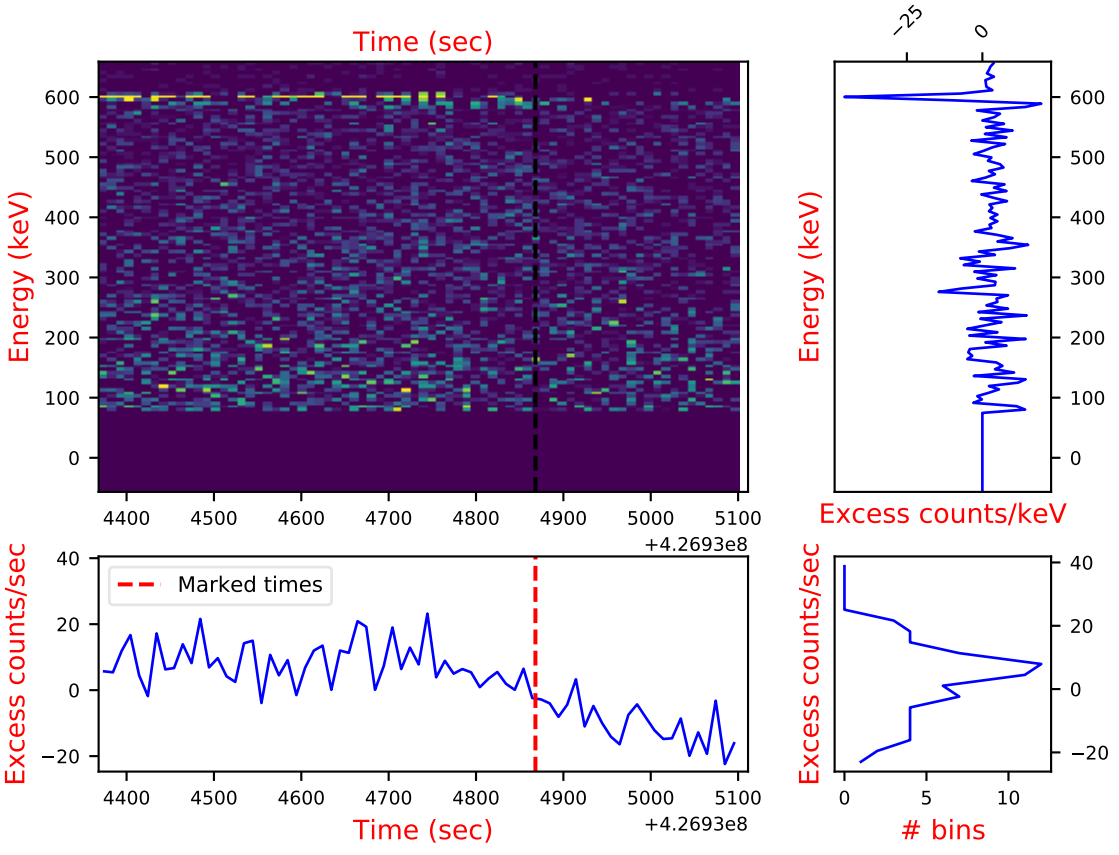
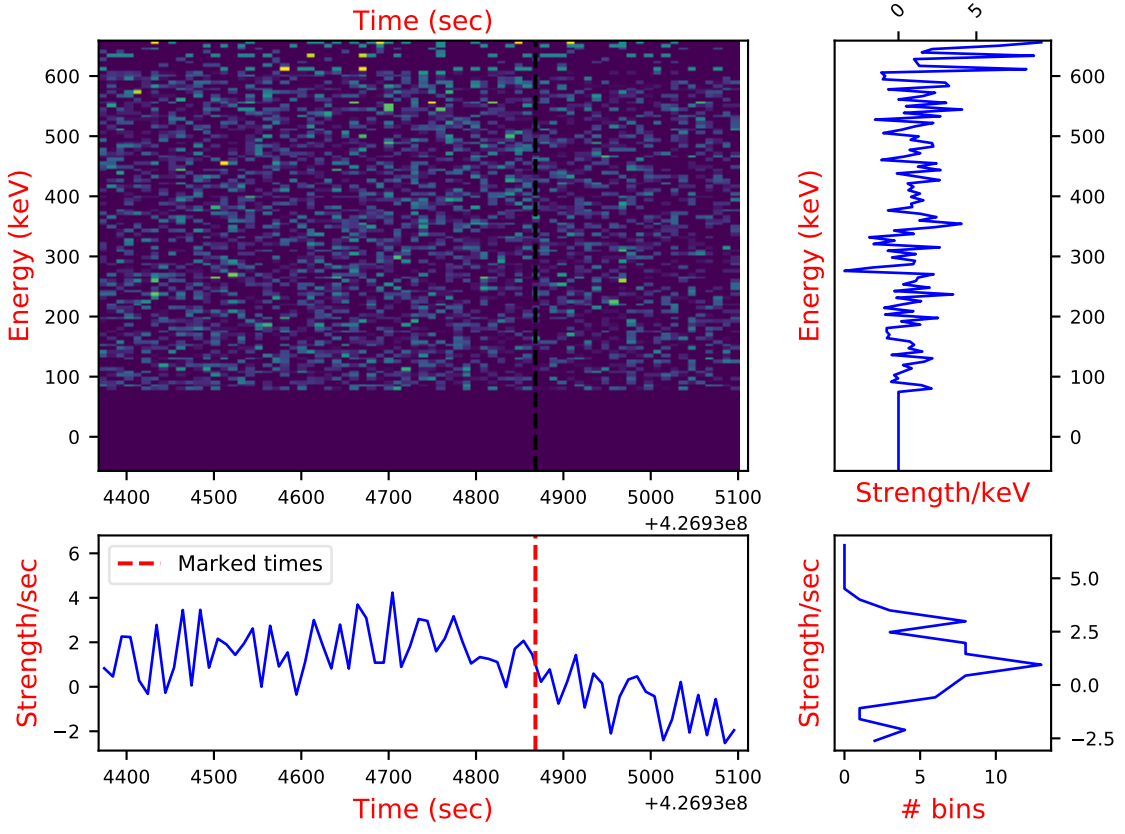
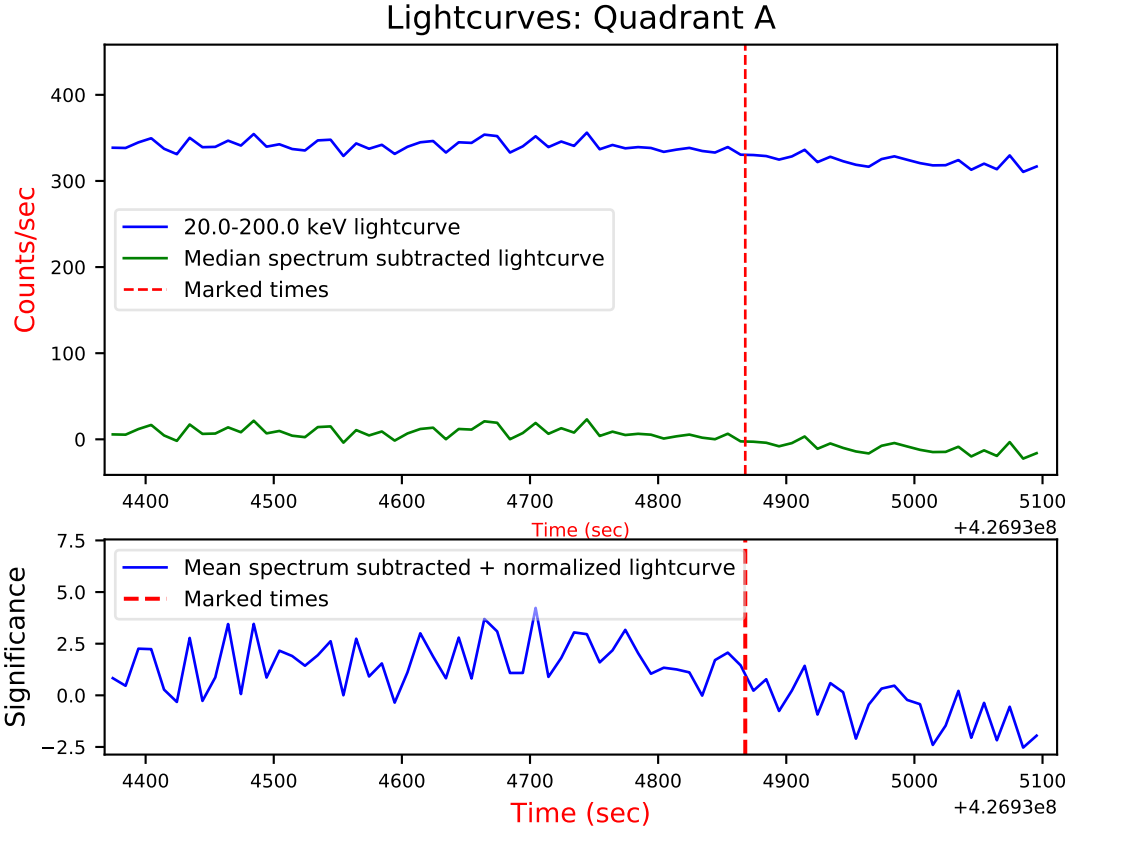
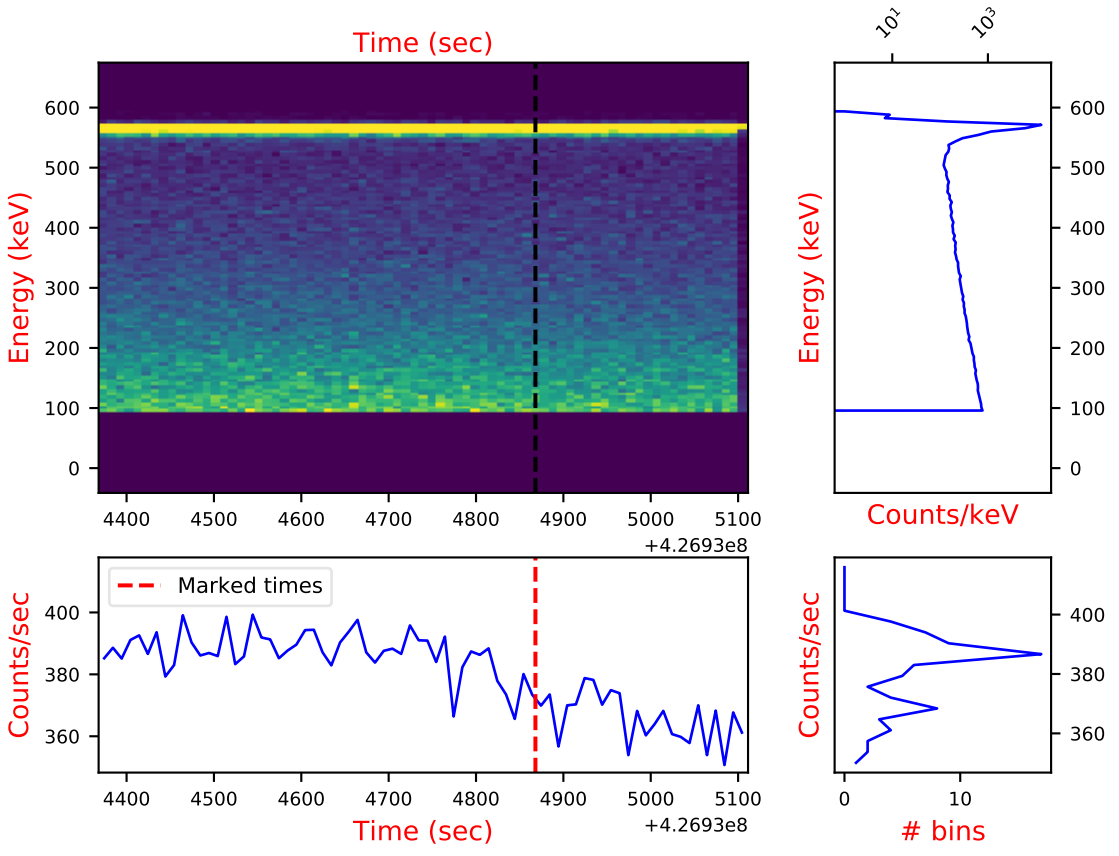

VETO lightcurves
A
B
C
D
Counts/sec
460
440
420
400
380
360
340
320
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8

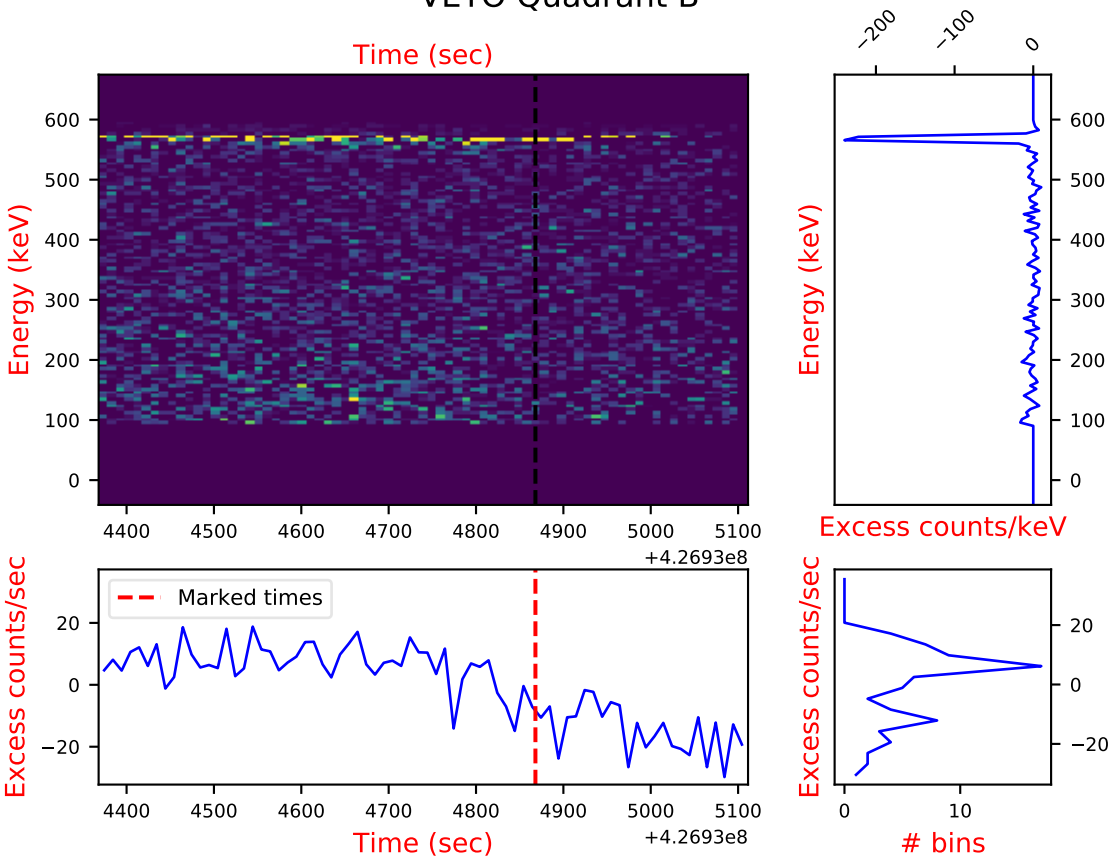

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
360
340
320
Time (sec)
+4.2693e8
Counts/sec
bins
0
5
10

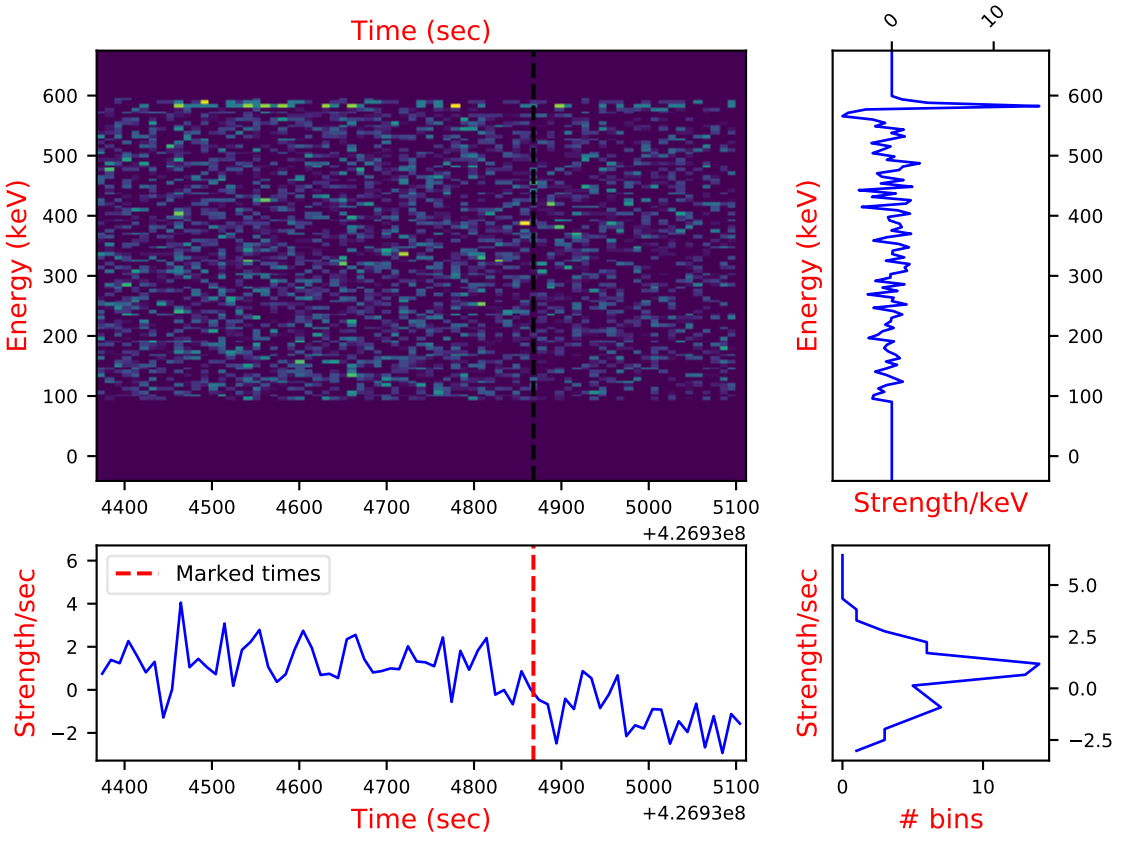

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
−25
0
Energy (keV)
Excess counts/keV
Excess counts/sec
40
20
0
−20
Marked times
Time (sec)
+4.2693e8
Excess counts/sec
0
5
10
bins

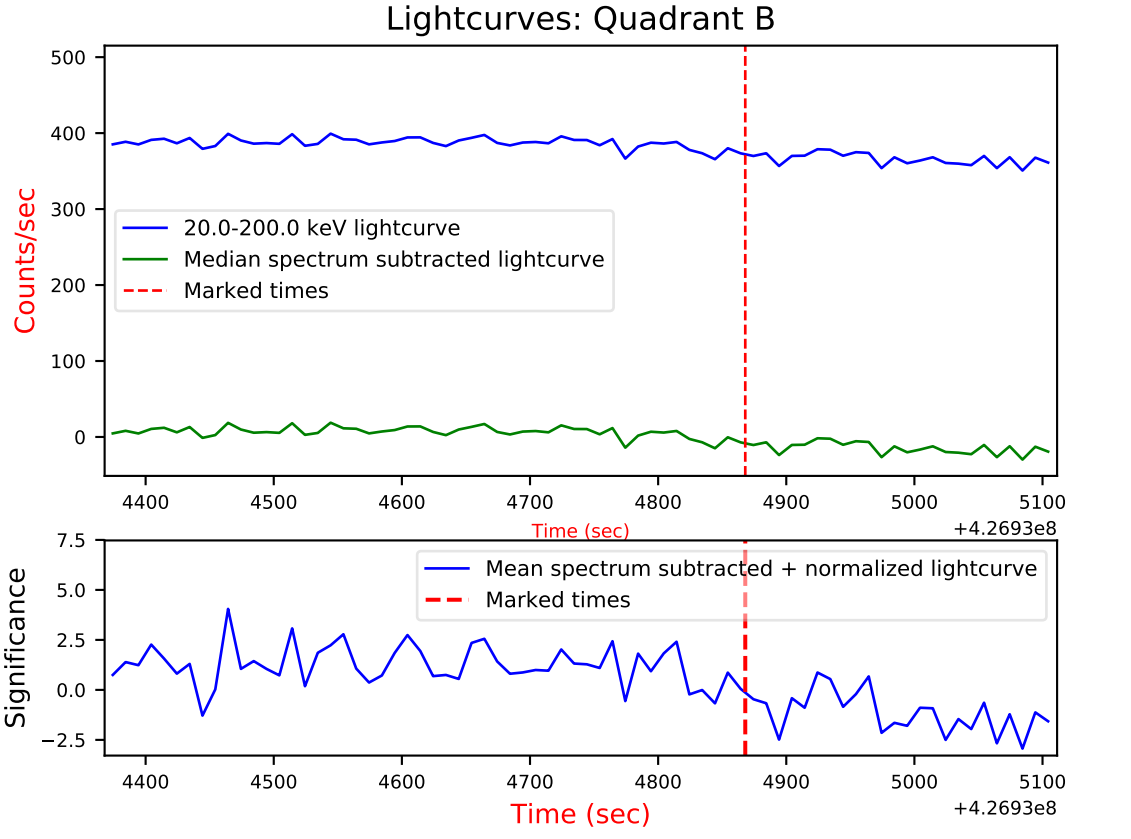

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
0
5
Energy (keV)
Strength/keV
Marked times
Strength/sec
6
4
2
0
−2
Time (sec)
+4.2693e8
5.0
2.5
0.0
−2.5
bins
10

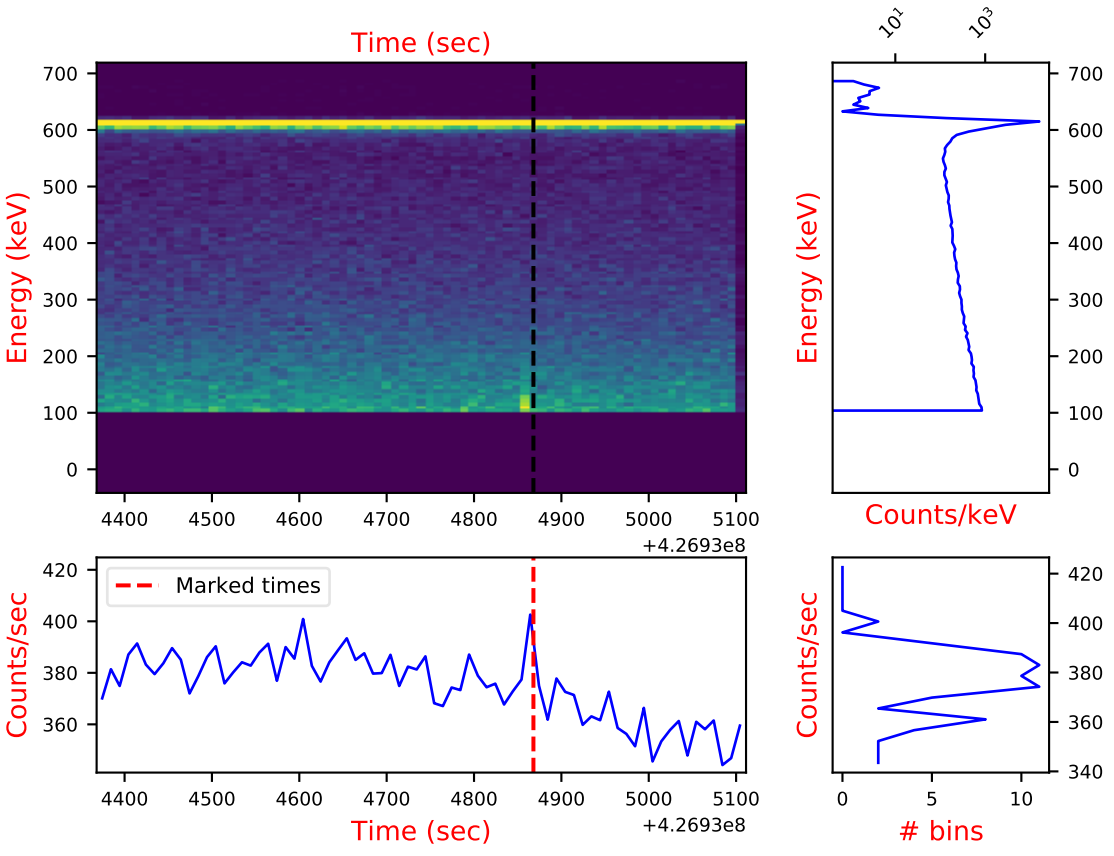

Lightcurves: Quadrant A
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
7.5
5.0
2.5
0.0
−2.5
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8

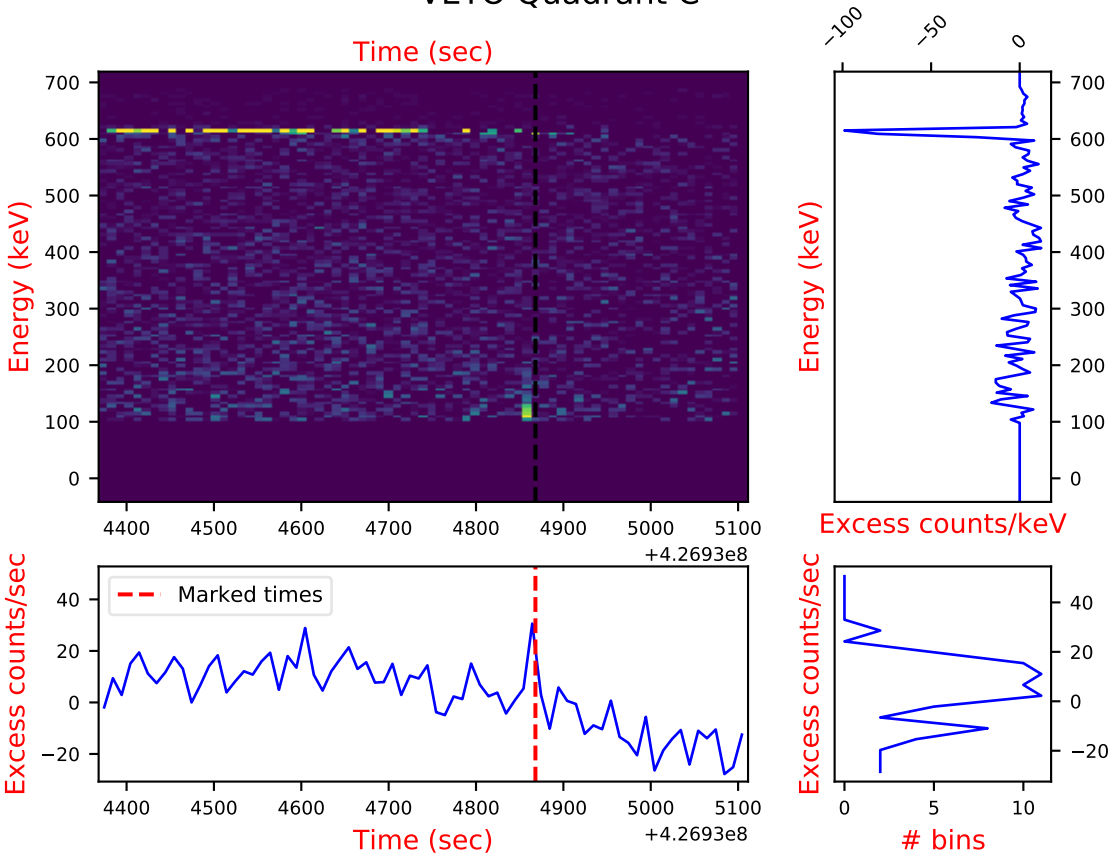

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
400
380
360
Time (sec)
+4.2693e8
Counts/sec
bins
0
10

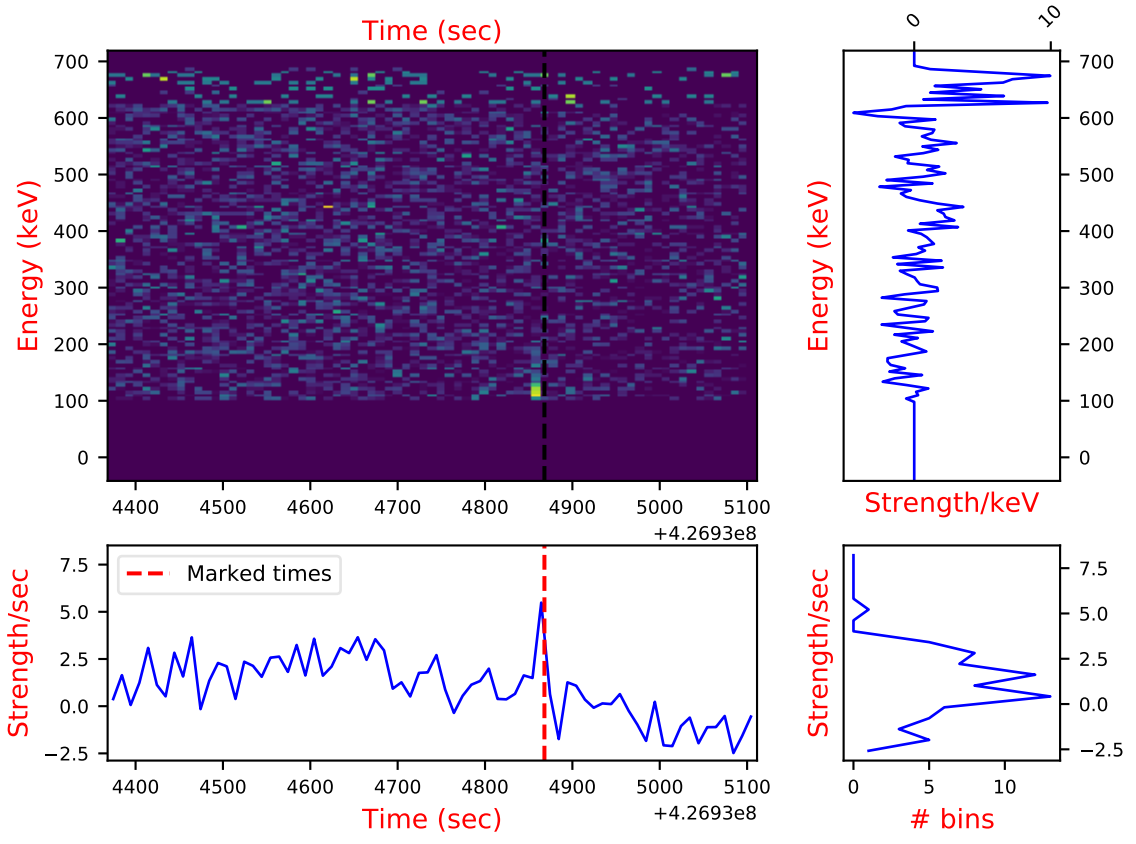

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
−200
−100
0
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
20
0
−20
Time (sec)
+4.2693e8
Excess counts/sec
bins
0
10

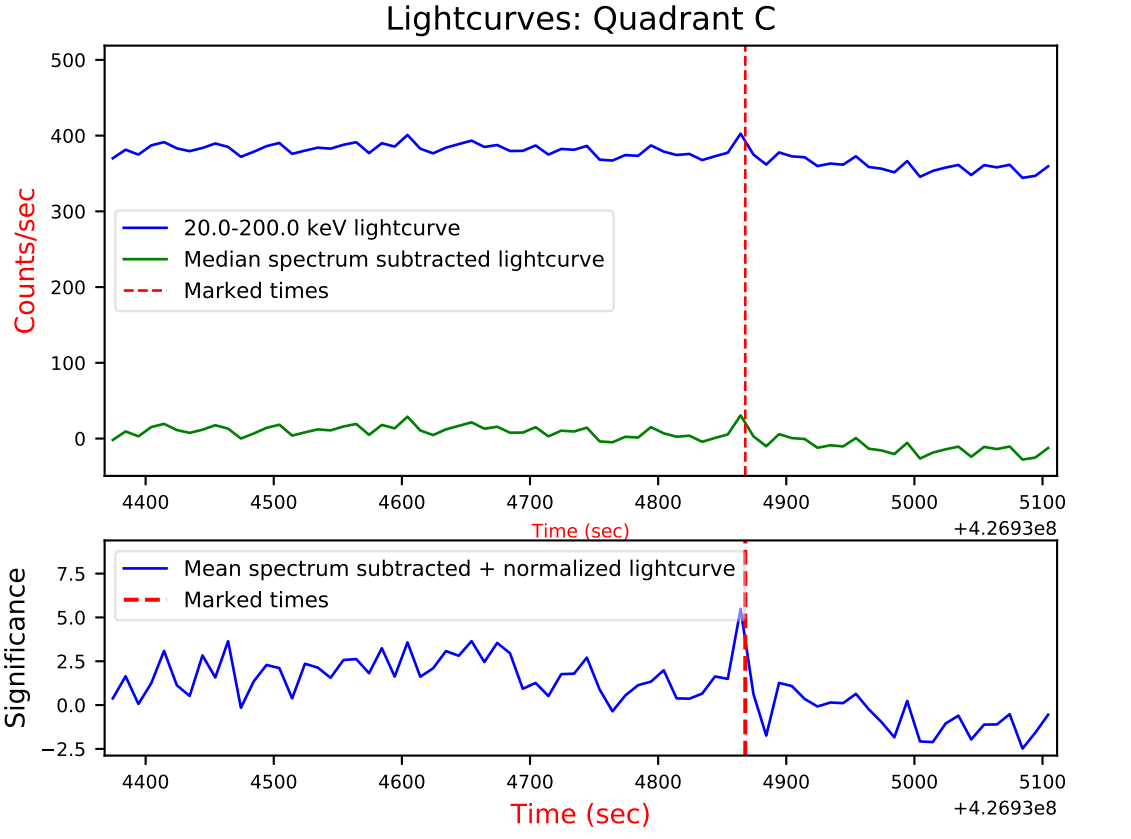

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
0
10
Energy (keV)
Strength/keV
Marked times
Strength/sec
6
4
2
0
−2
Time (sec)
+4.2693e8
5.0
2.5
0.0
−2.5
bins

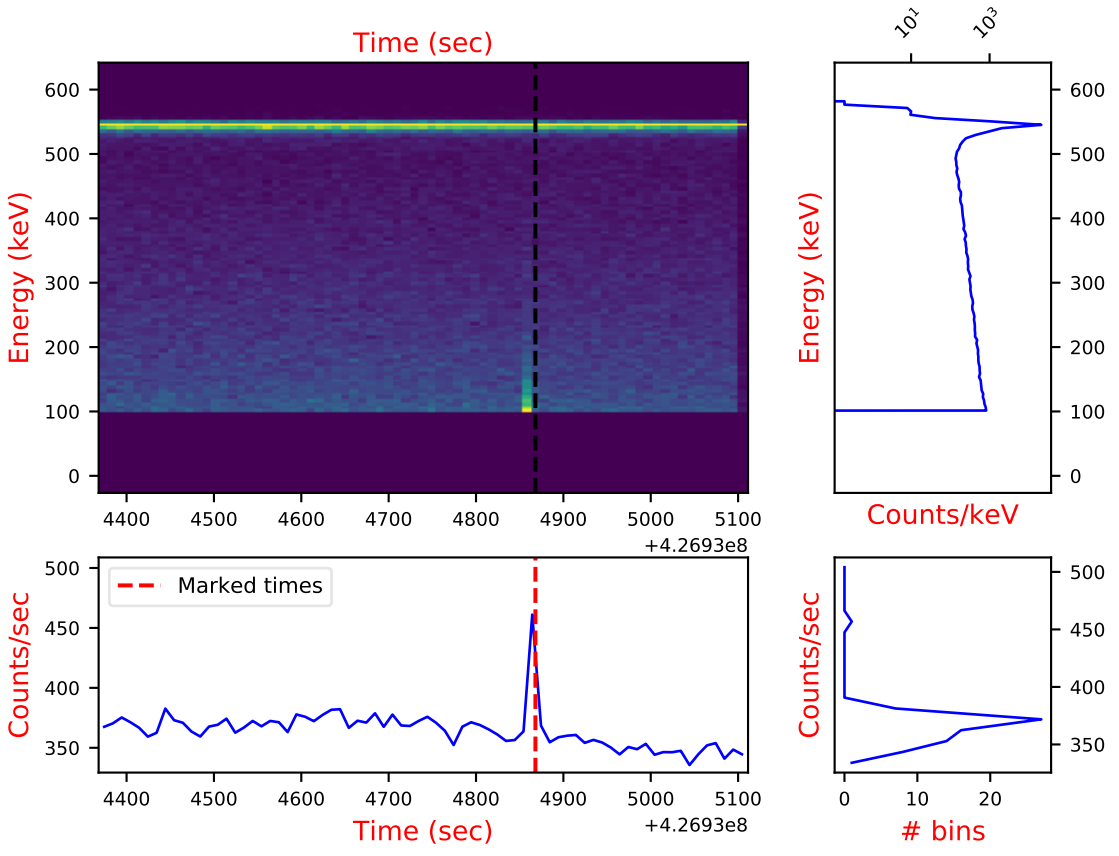

Lightcurves: Quadrant B
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+4.2693e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+4.2693e8

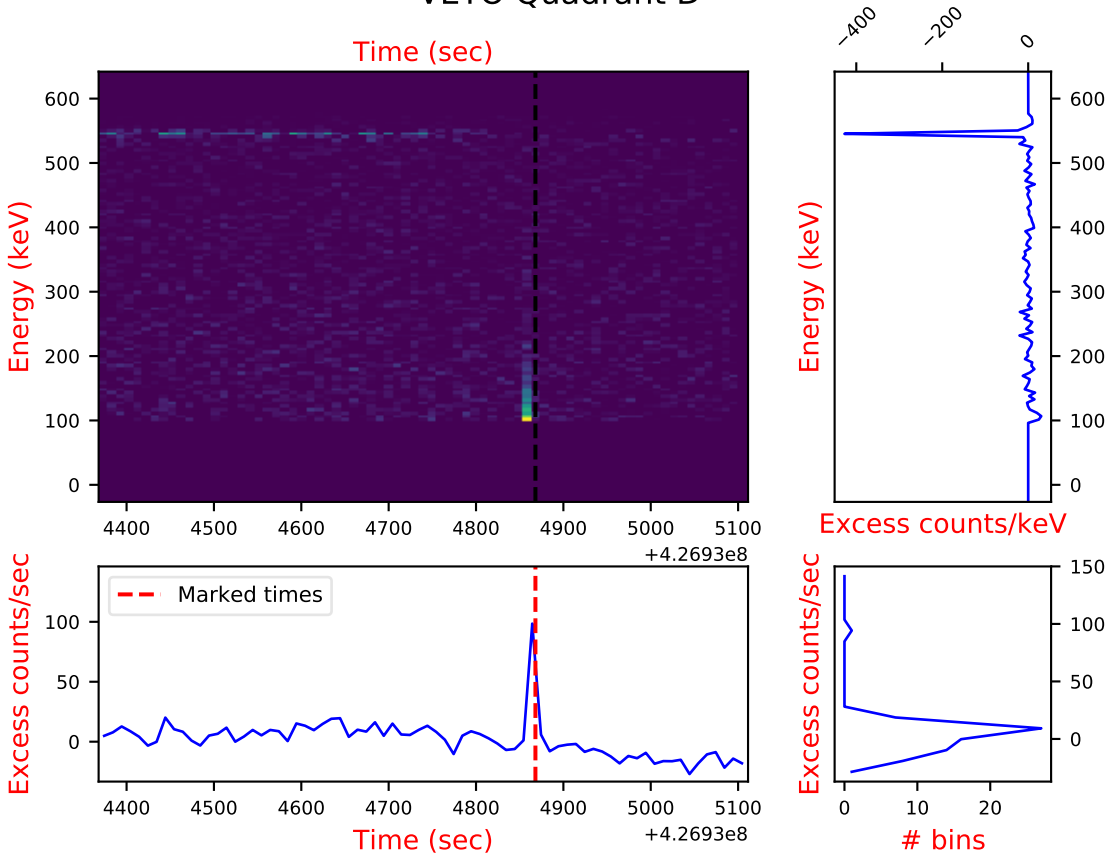

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
420
400
380
360
Time (sec)
bins
340
5
10

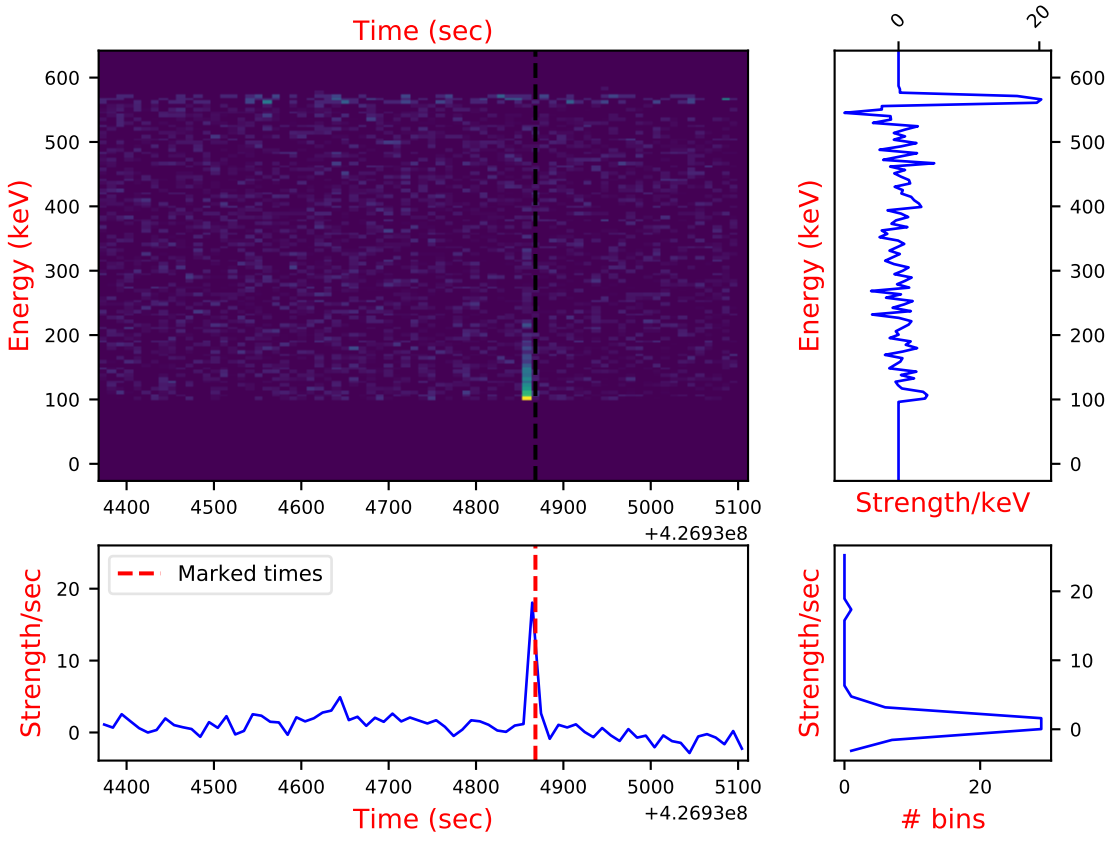

VETO Quadrant C
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
bins
+4.2693e8

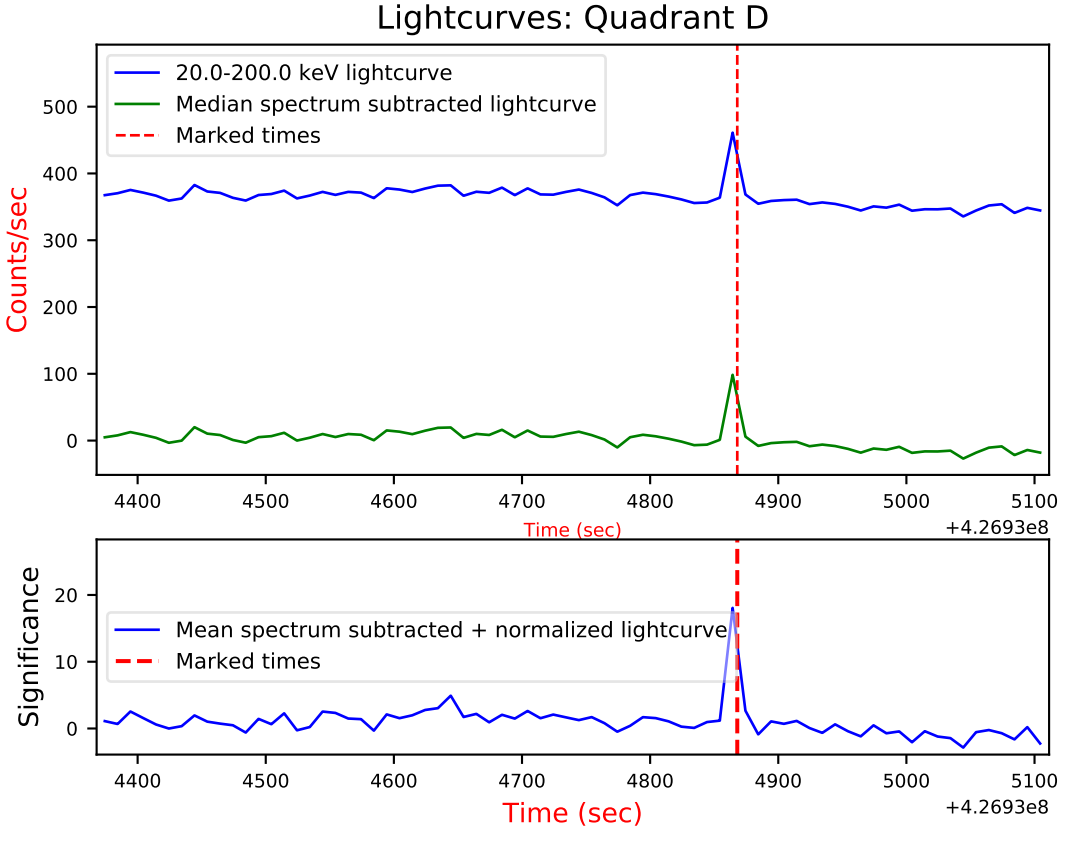

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
0
10
Strength/keV
Strength/sec
Marked times
7.5
5.0
2.5
0.0
−2.5
bins
5


Lightcurves: Quadrant C
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8
Significance
7.5
5.0
2.5
0.0
−2.5
Mean spectrum subtracted + normalized lightcurve
Marked times
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
500
450
400
350
Time (sec)
+4.2693e8
Counts/sec
0
10
20
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
−400
−200
0
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
Time (sec)
+4.2693e8
Excess counts/sec
150
100
50
0
0
10
20
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
+4.2693e8
0
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
20
10
0
Time (sec)
+4.2693e8
Strength/sec
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
10
0
4400
4500
4600
4700
4800
4900
5000
5100
Time (sec)
+4.2693e8