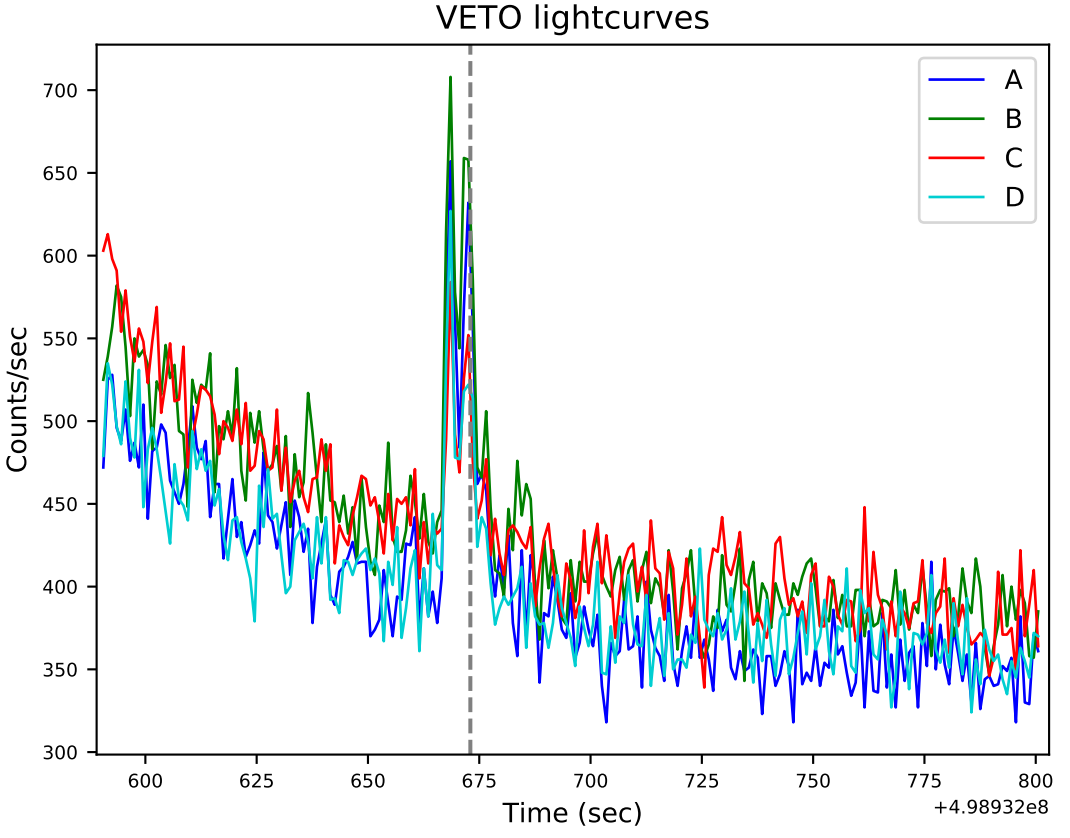
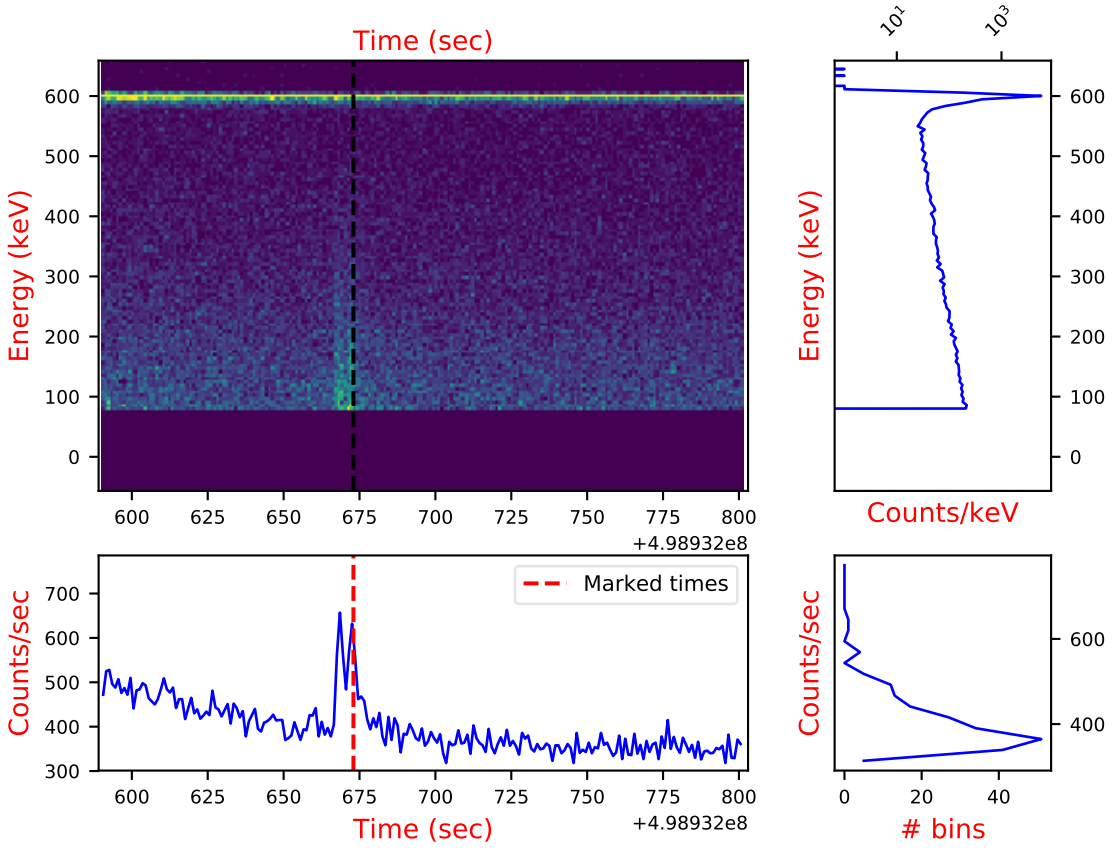
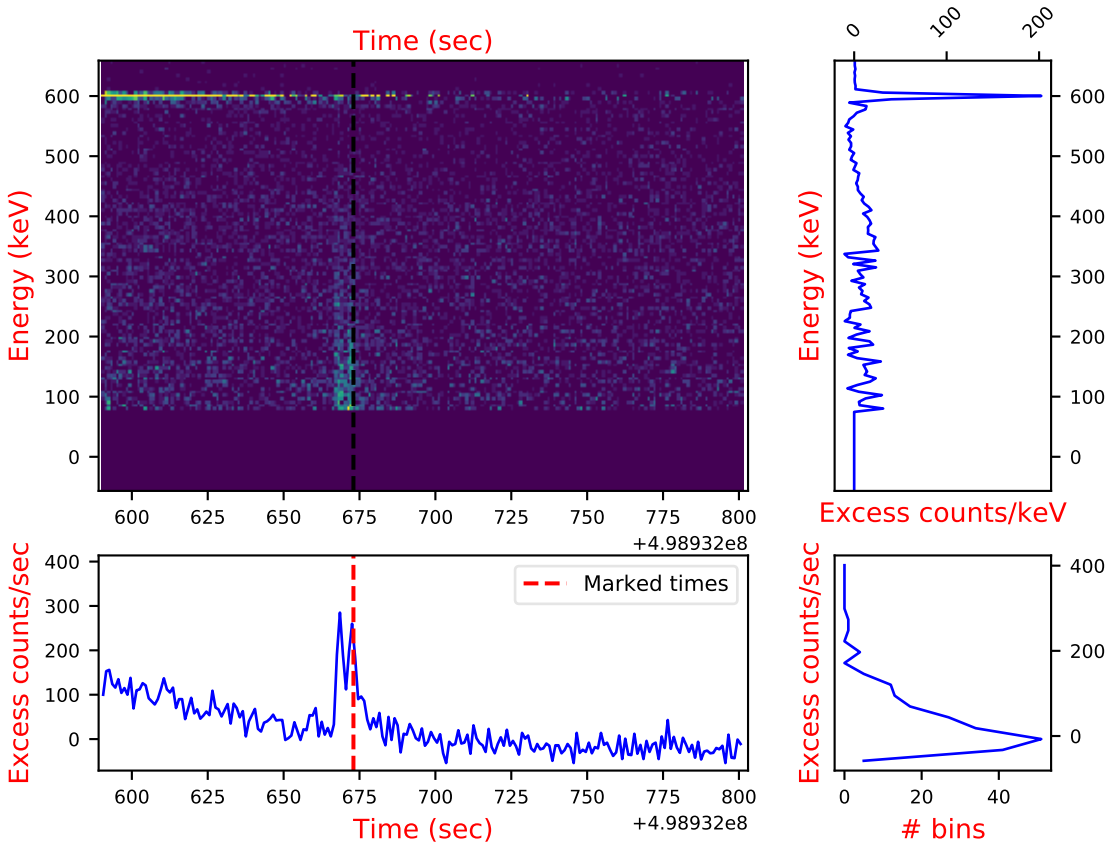
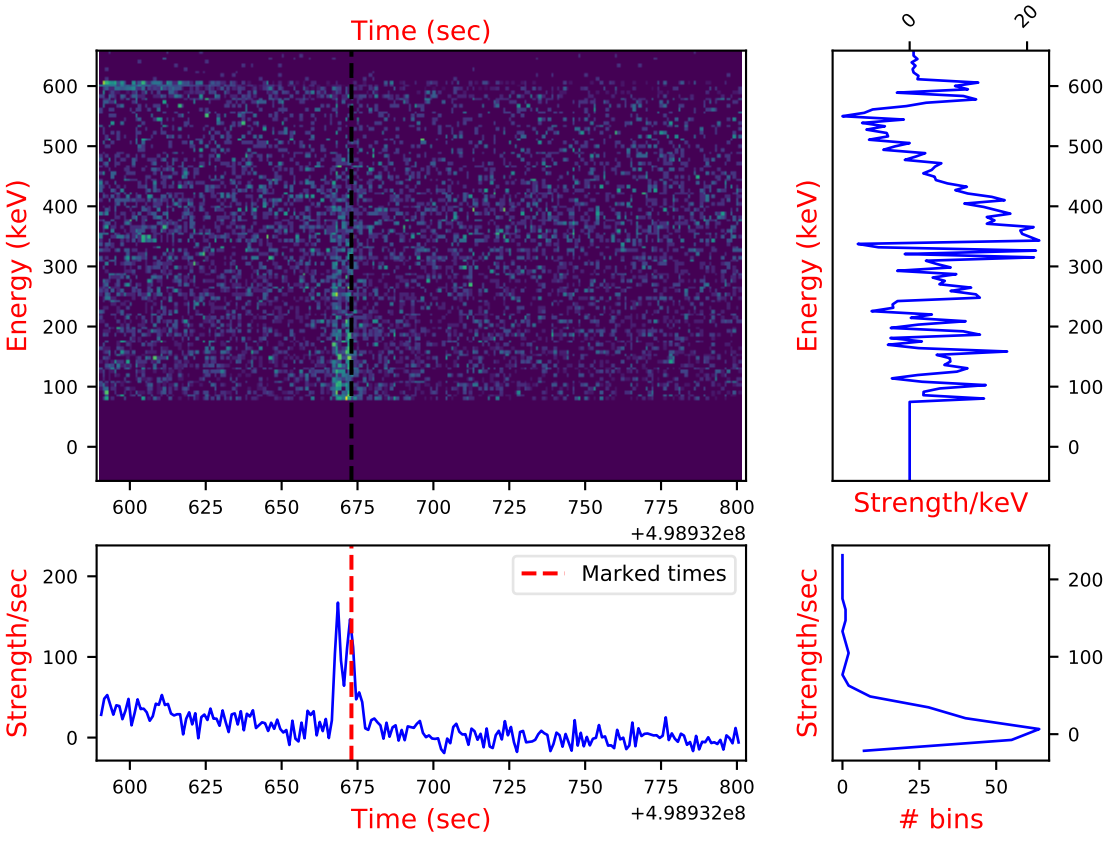
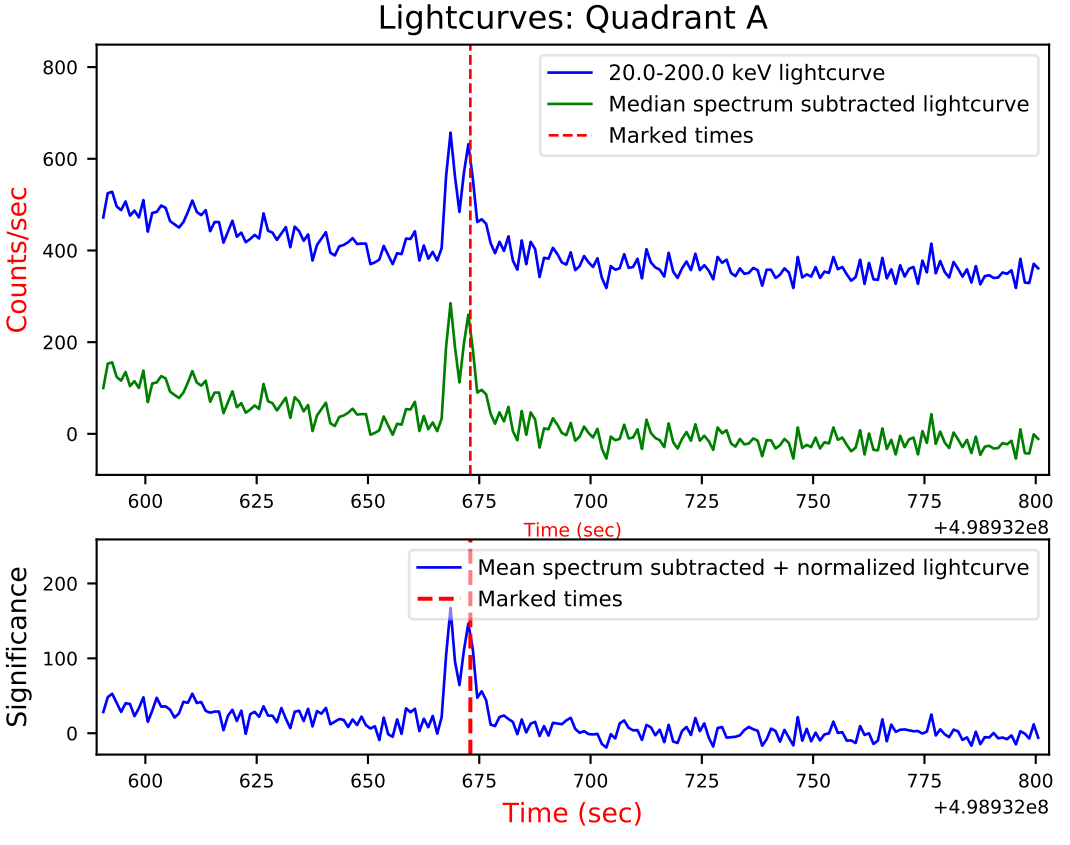
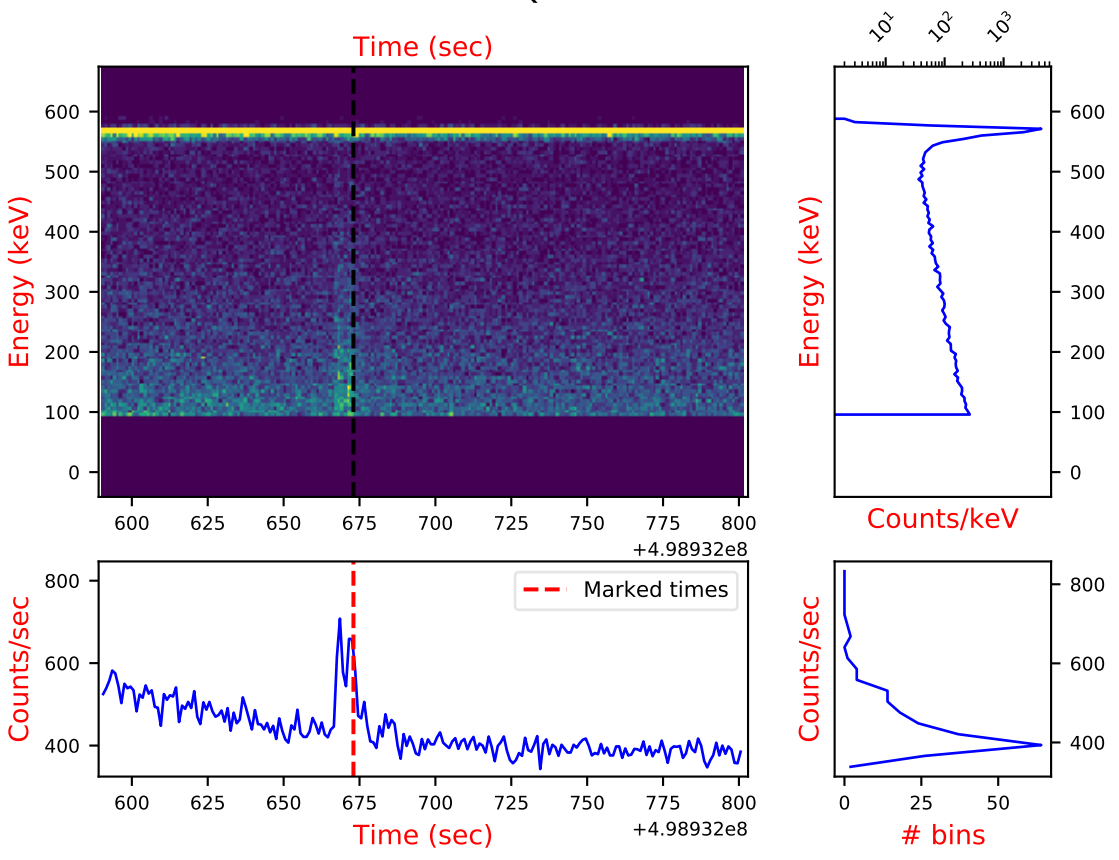

VETO lightcurves
A
B
C
D
Counts/sec
Time (sec)
+4.98932e8
300
350
400
450
500
550
600
650
700
600
625
650
675
700
725
750
775
800

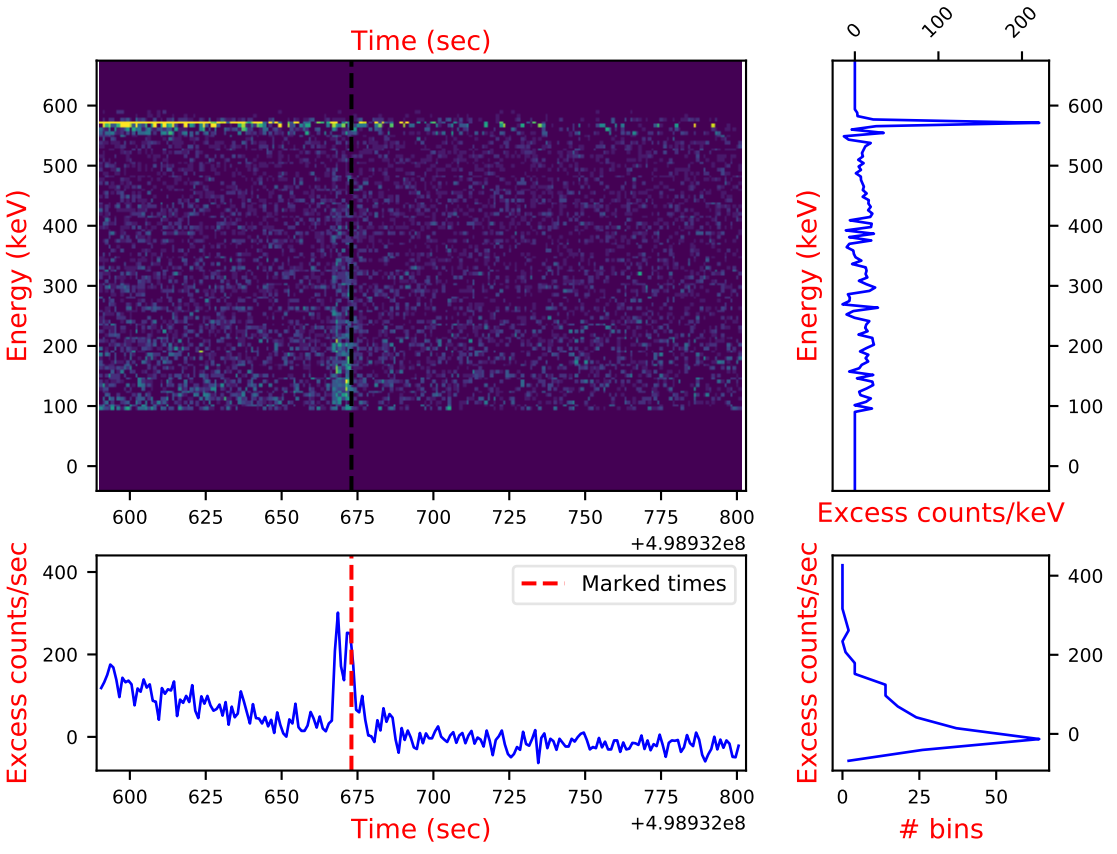

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
700
600
500
400
300
Time (sec)
+4.98932e8
Counts/sec
0
20
40
bins

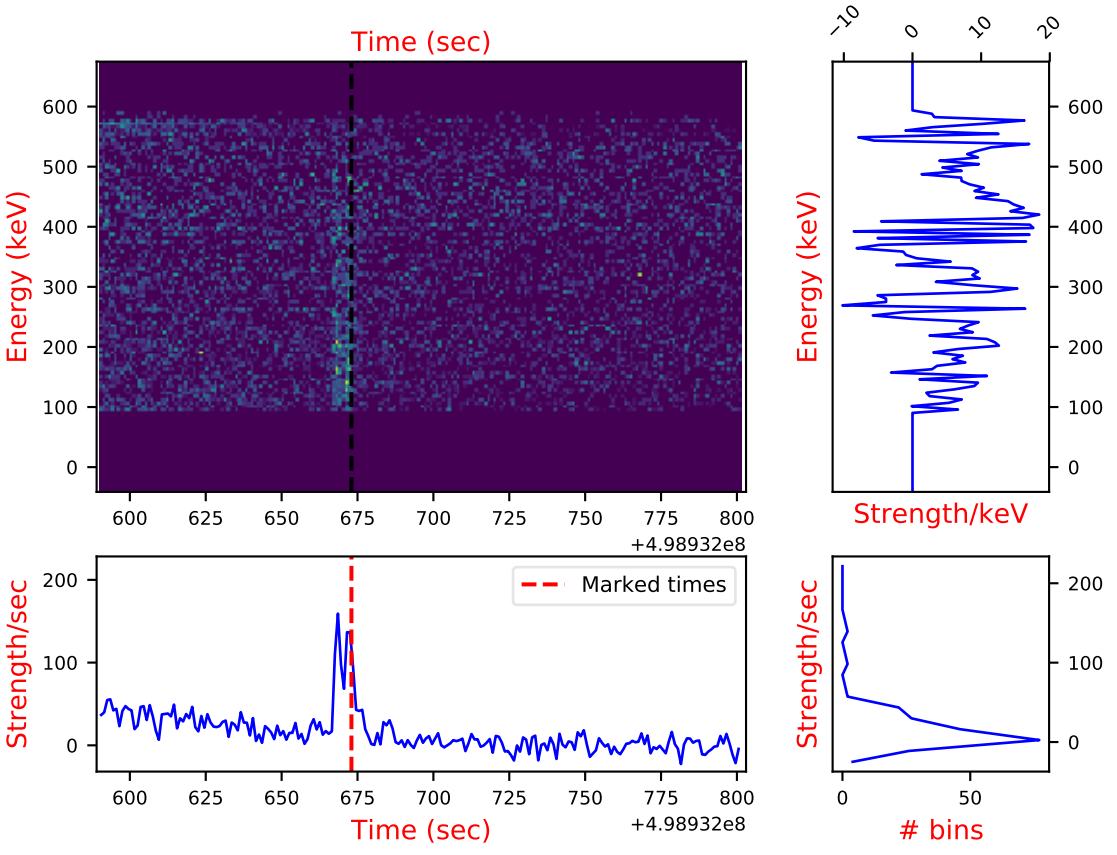

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
0
100
200
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
+4.98932e8
Excess counts/sec
bins
0
20
40

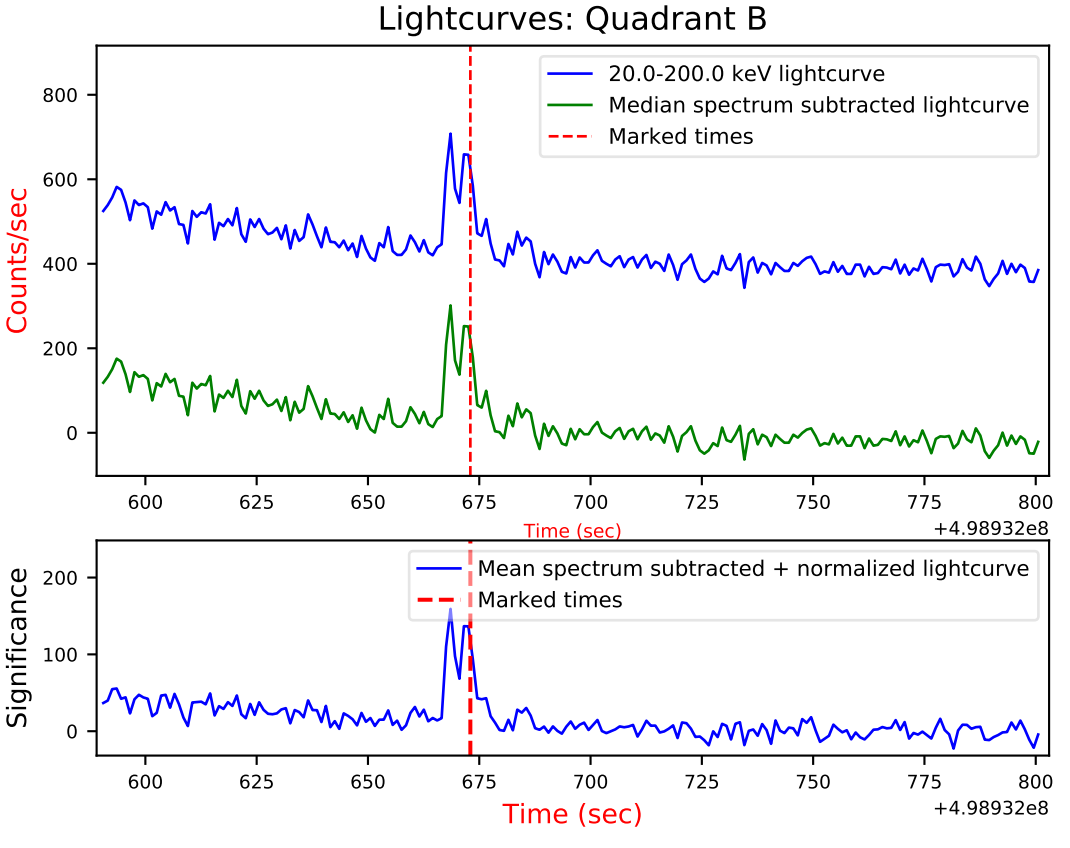

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
0
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
200
100
0
Time (sec)
+4.98932e8
Strength/sec
bins
25
50

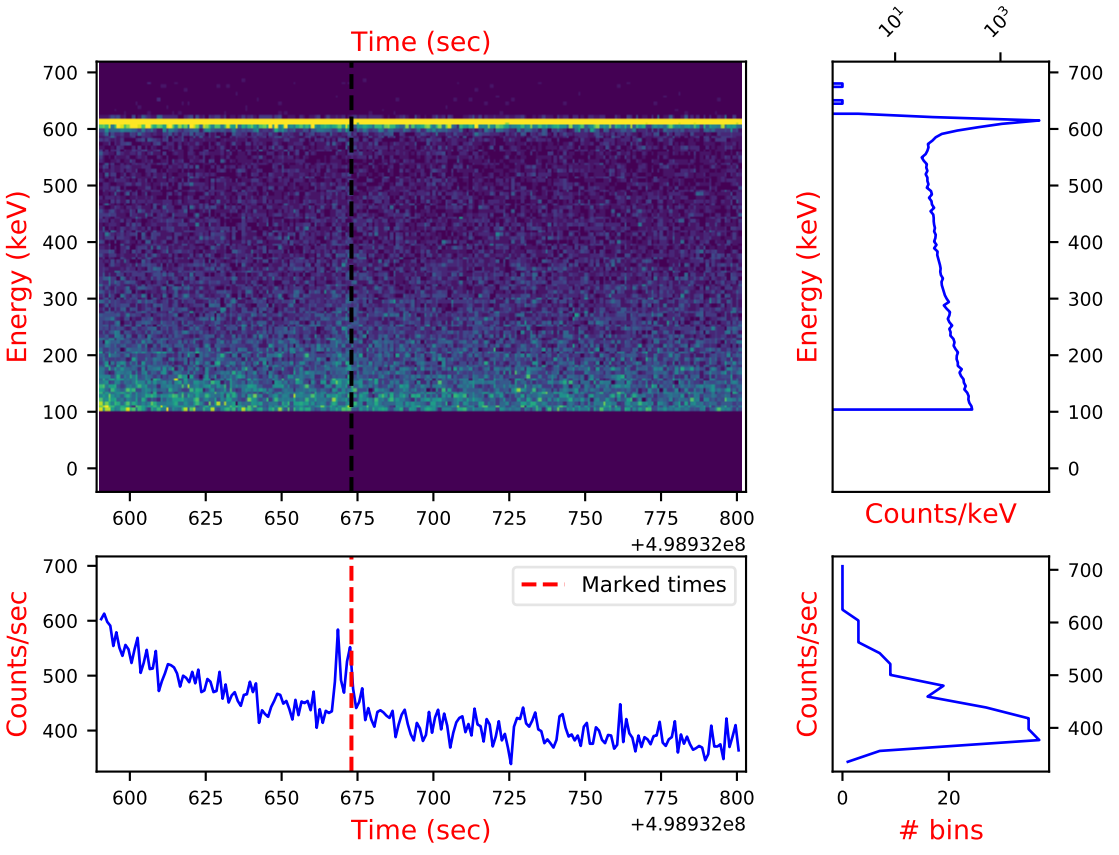

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
100
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8

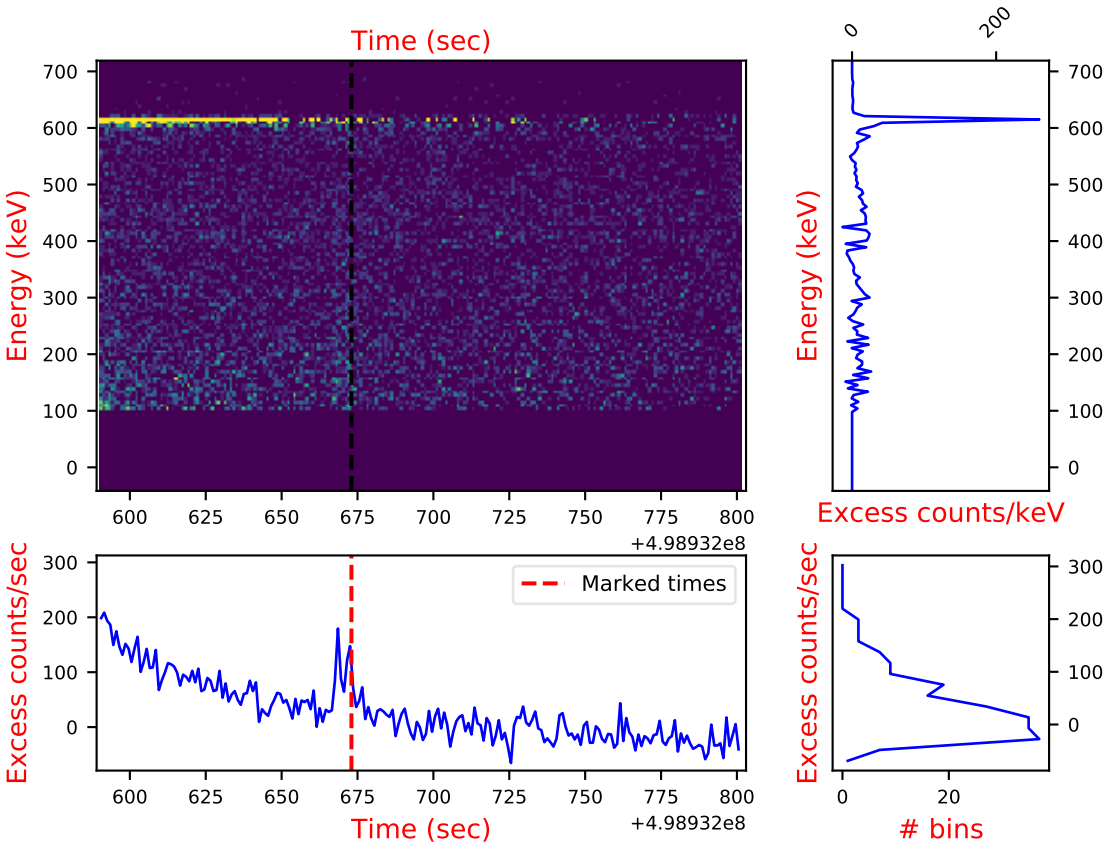

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
10^1
10^2
10^3
Energy (keV)
Counts/keV
Counts/sec
800
600
400
Marked times
Time (sec)
+4.98932e8
Counts/sec
0
25
50
bins

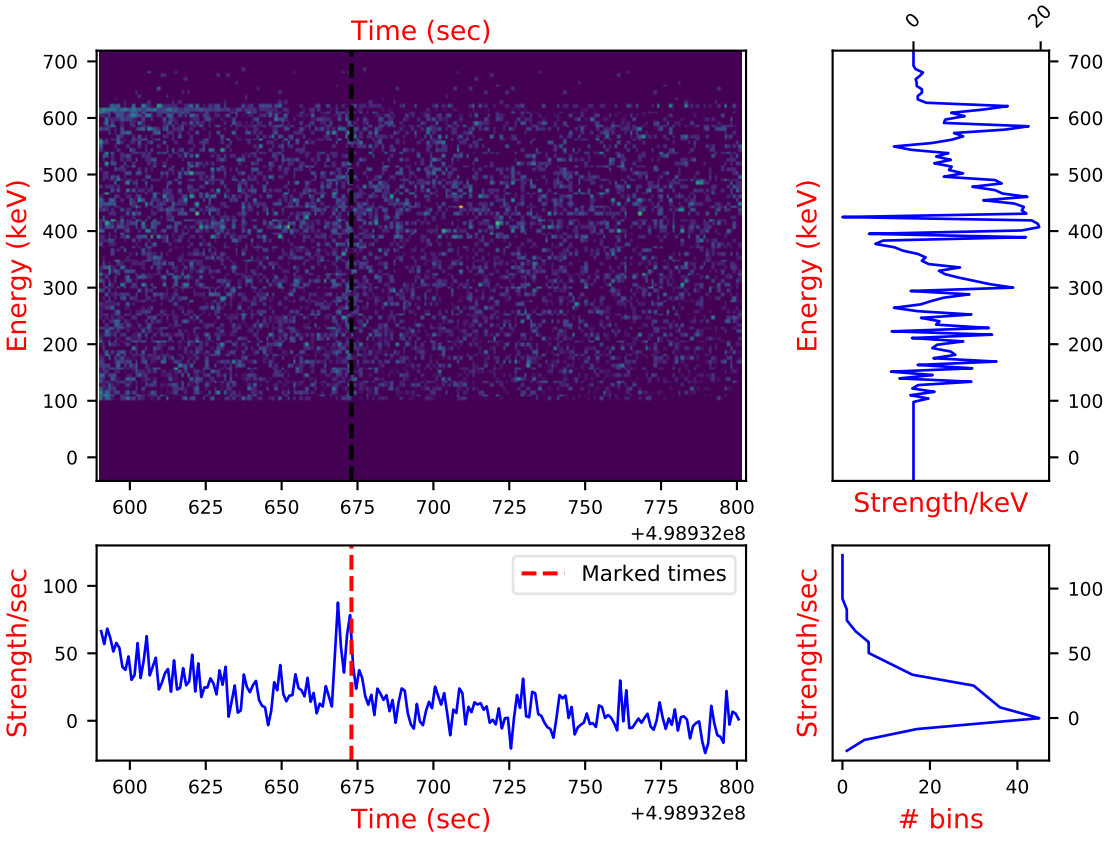

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
0
100
200
Excess counts/keV
Excess counts/sec
400
200
0
Marked times
Time (sec)
bins
25
50

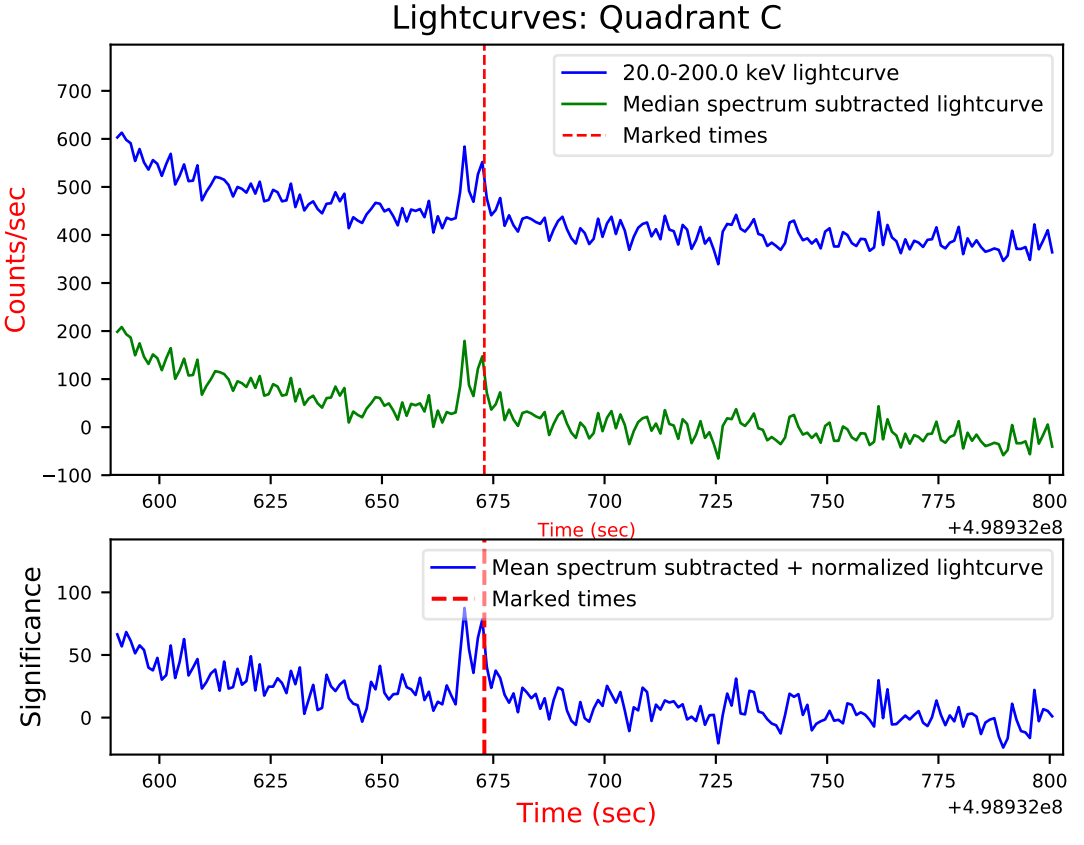

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
−10
0
10
20
Energy (keV)
Strength/keV
Strength/sec
200
100
0
Marked times
Time (sec)
+4.98932e8
Strength/sec
bins
50

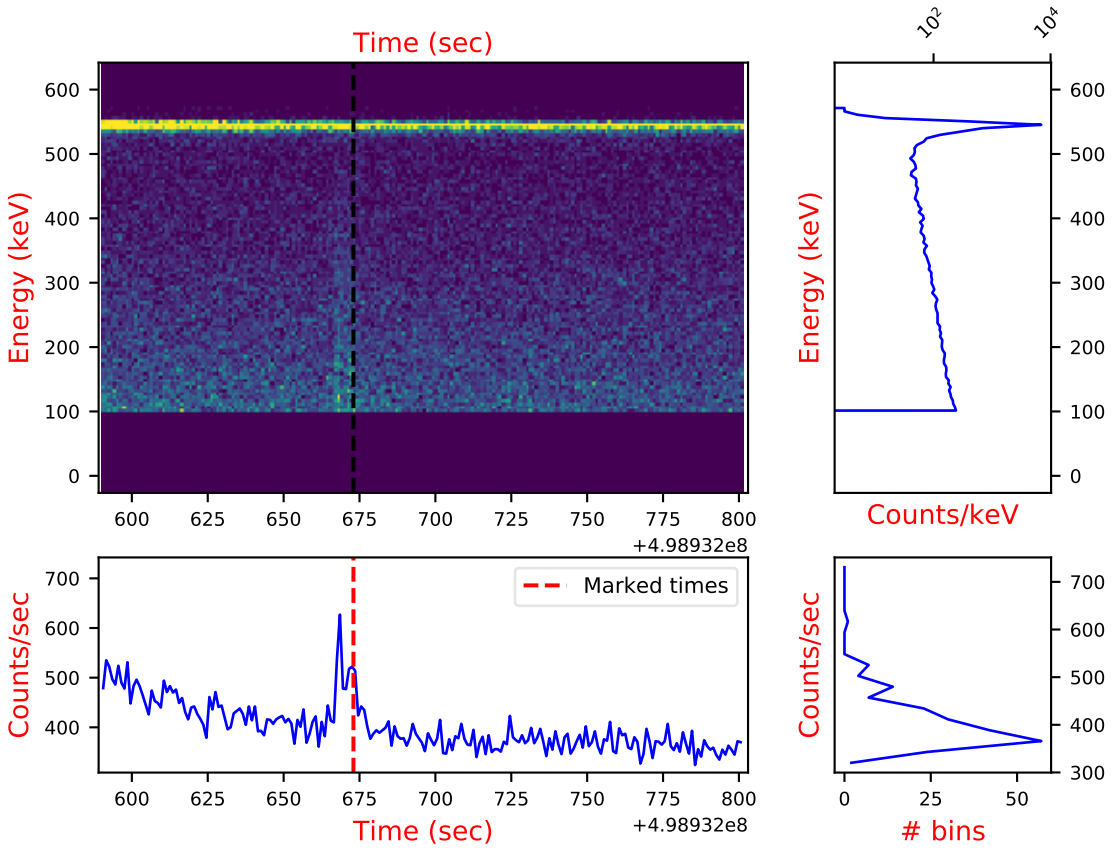

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
100
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8

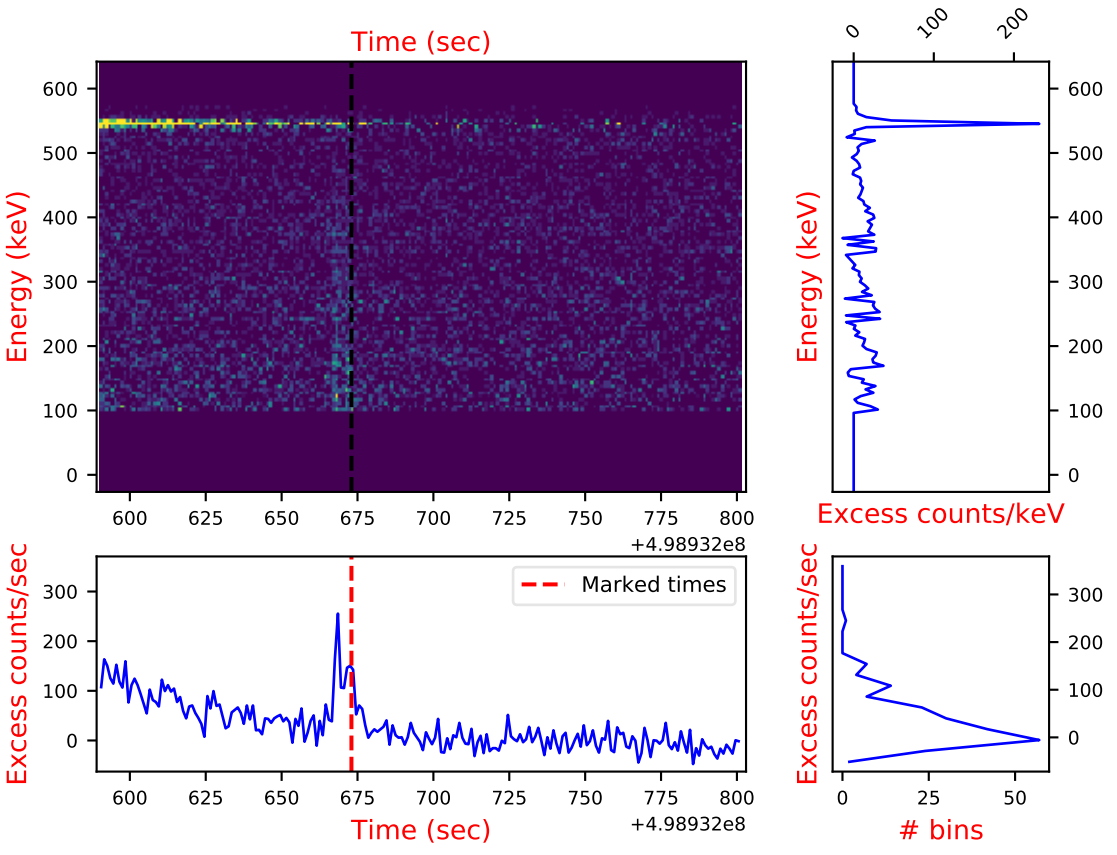

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
0
20

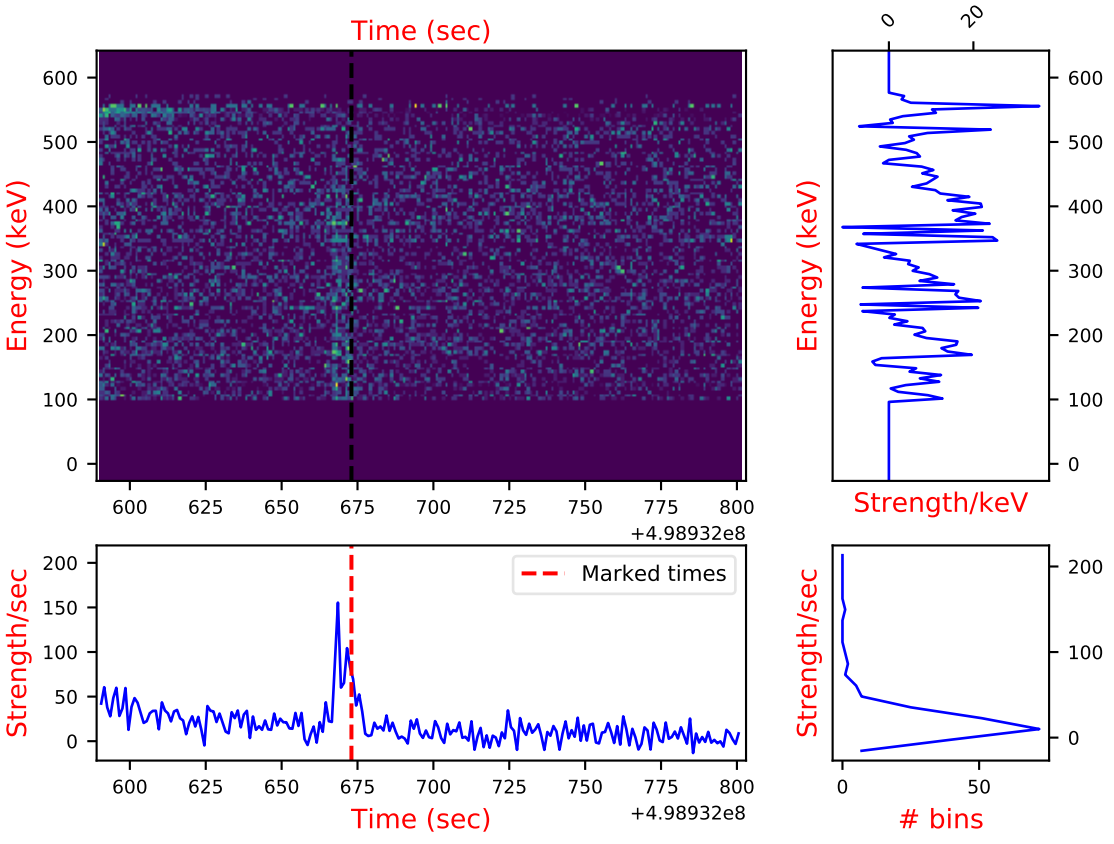

VETO Quadrant C
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
700
600
625
650
675
700
725
750
775
800
+4.98932e8
0
200
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins
20

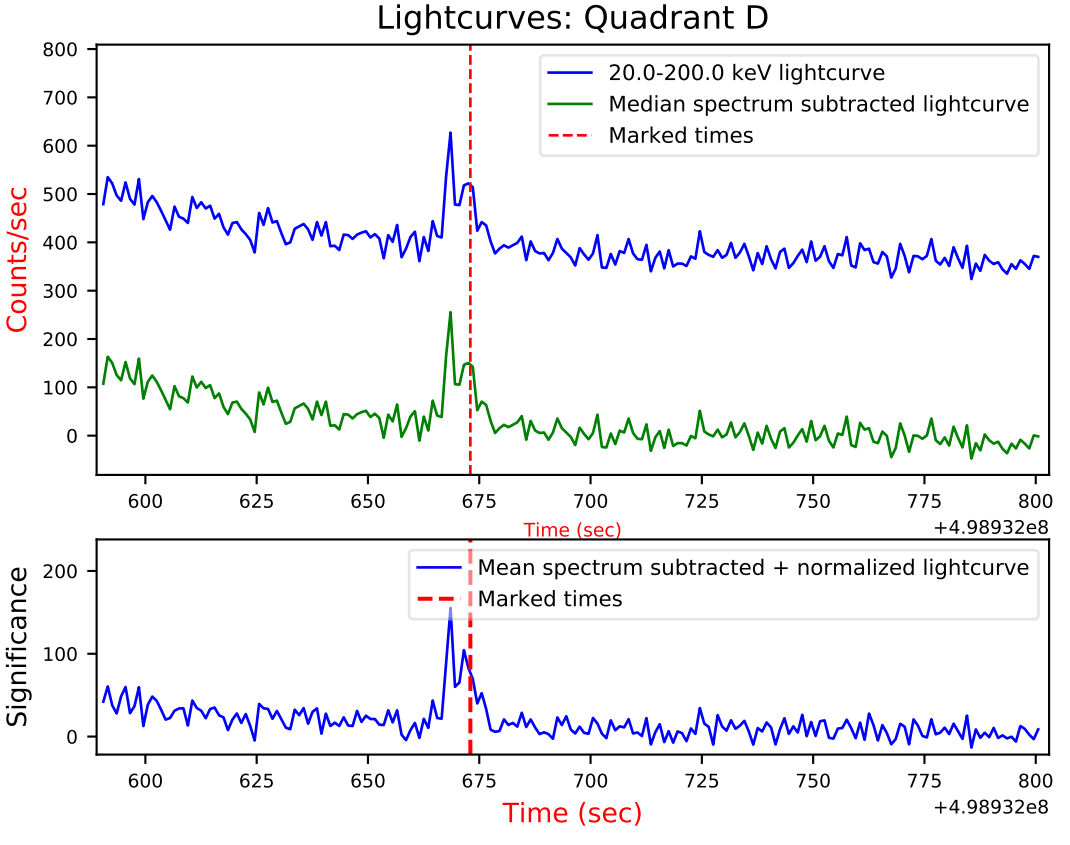

VETO Quadrant C
Time (sec)
Energy (keV)
+4.98932e8
Strength/keV
Strength/sec
Marked times
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
700
600
500
400
300
200
100
0
−100
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8


VETO Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
bins
+4.98932e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
0
100
200
Excess counts/keV
Excess counts/sec
Marked times
300
200
100
0
Time (sec)
+4.98932e8
25
50
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
+4.98932e8
0
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
200
150
100
50
0
Time (sec)
bins
50


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
700
600
500
400
300
200
100
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
100
0
600
625
650
675
700
725
750
775
800
Time (sec)
+4.98932e8