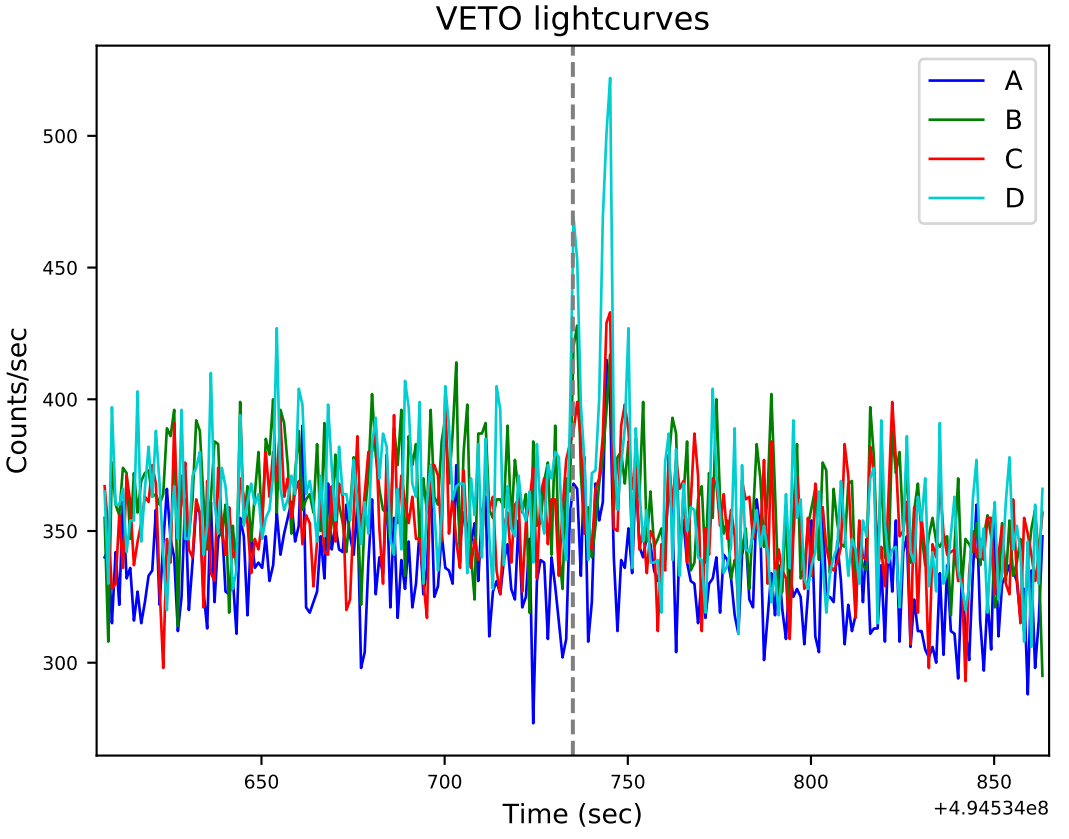
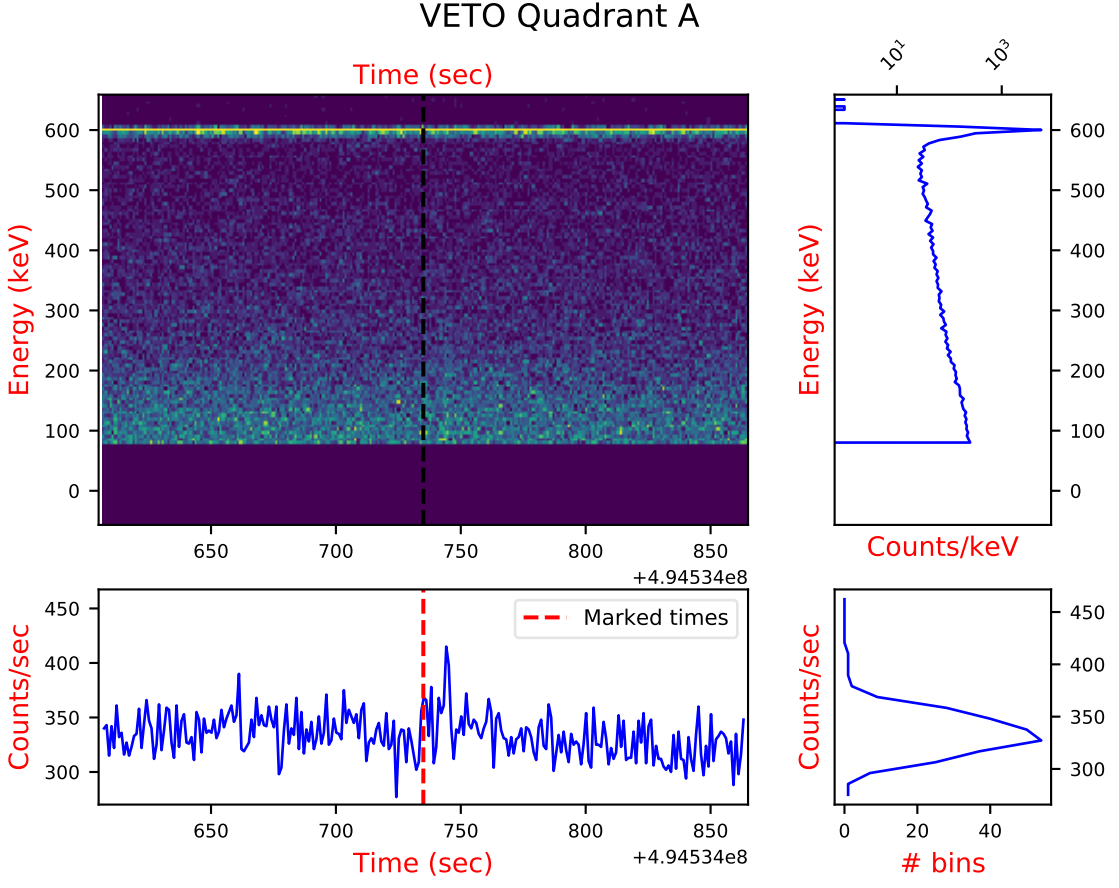
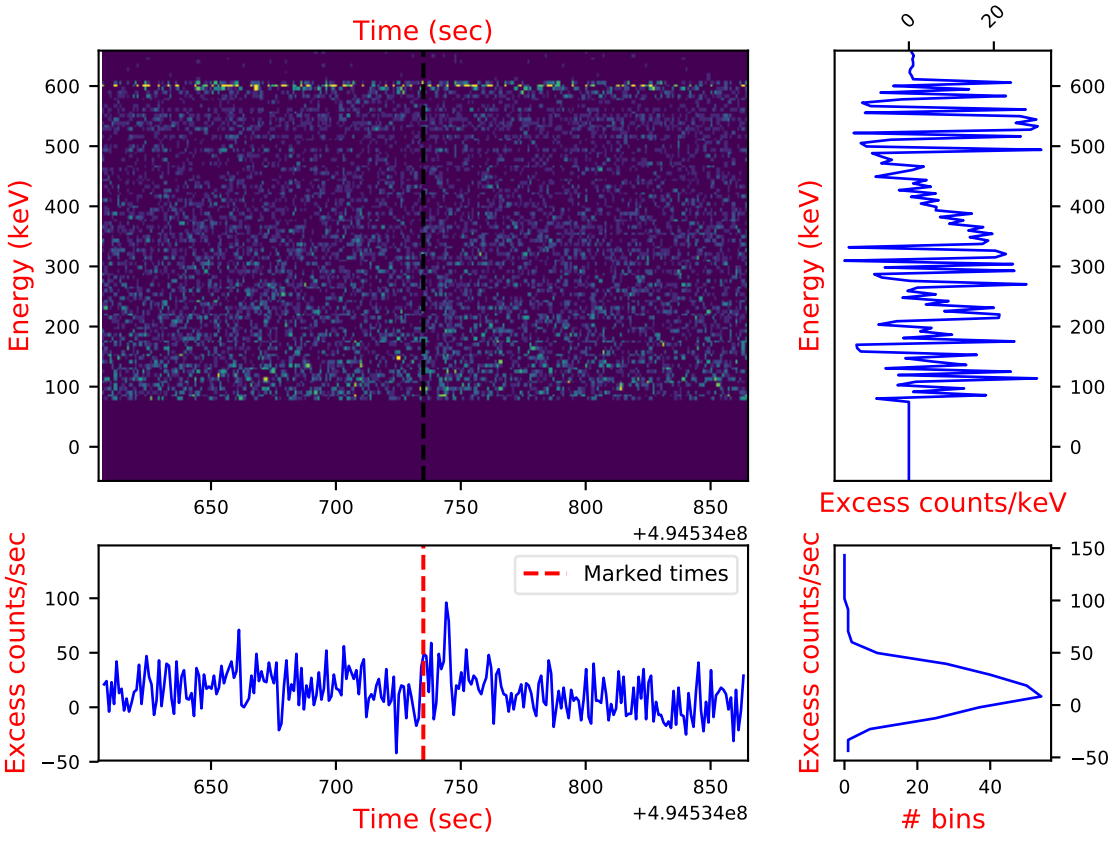
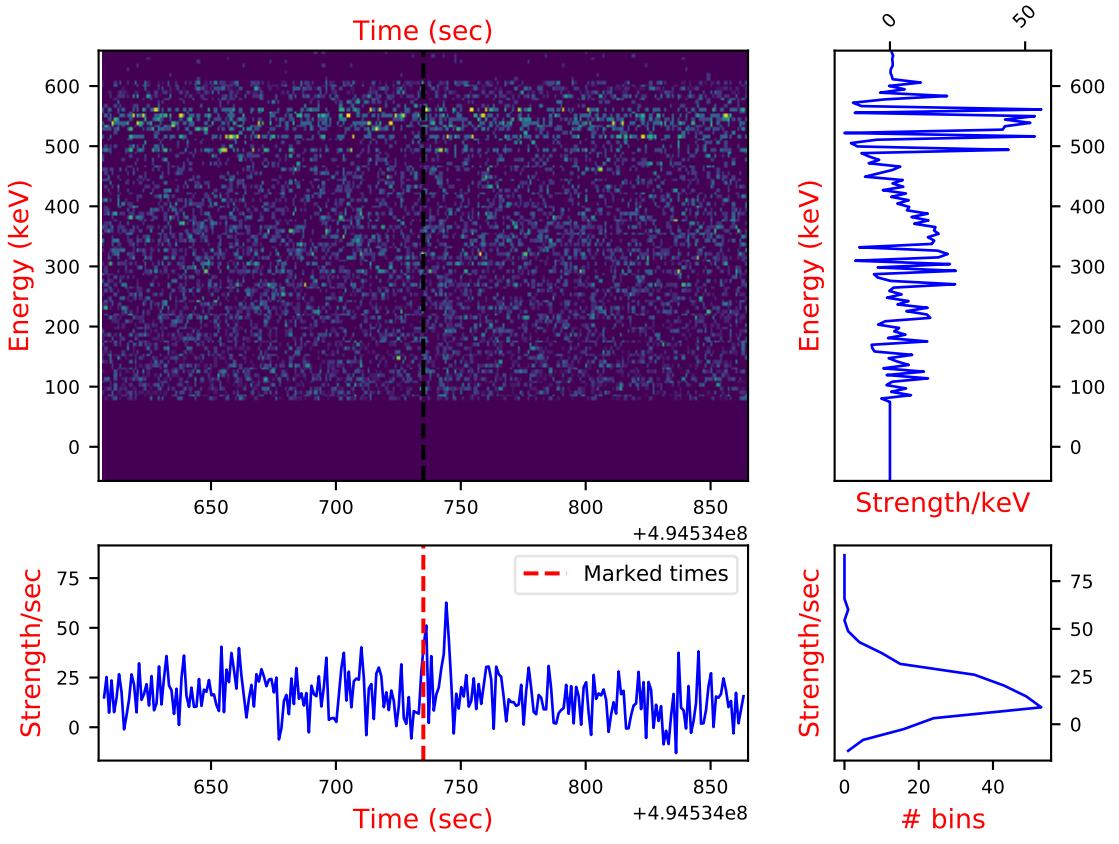
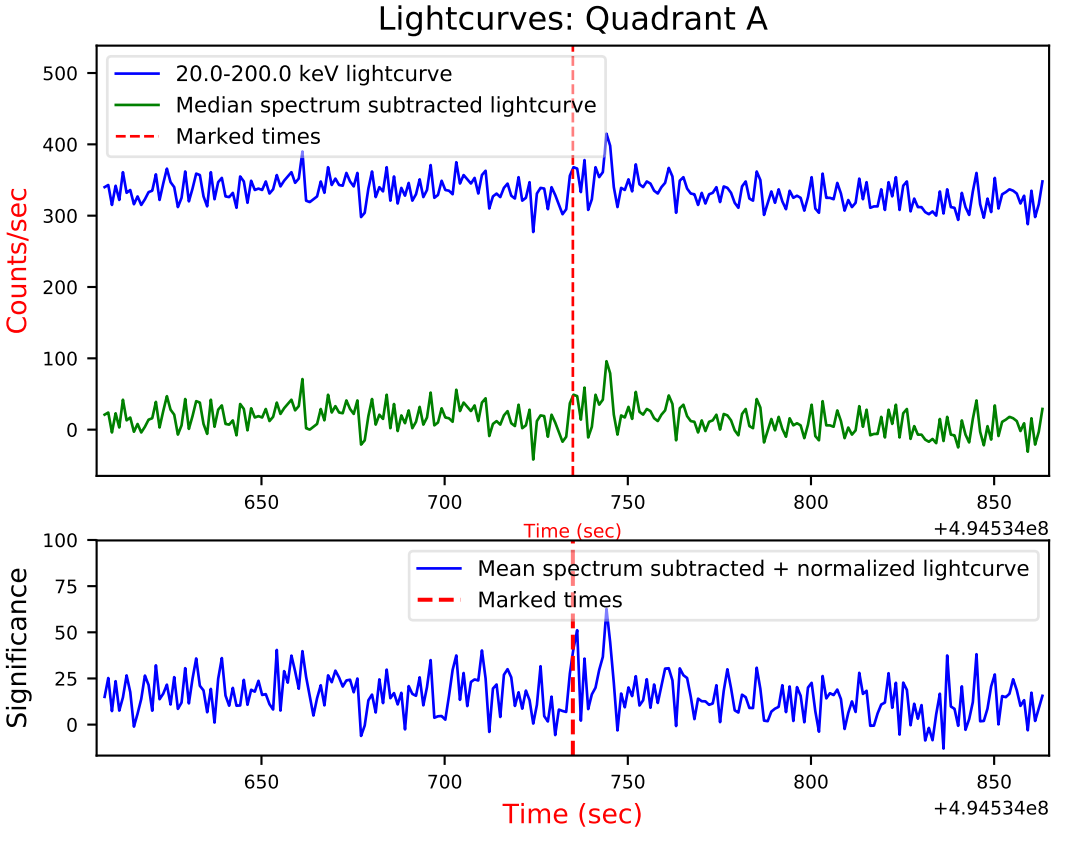
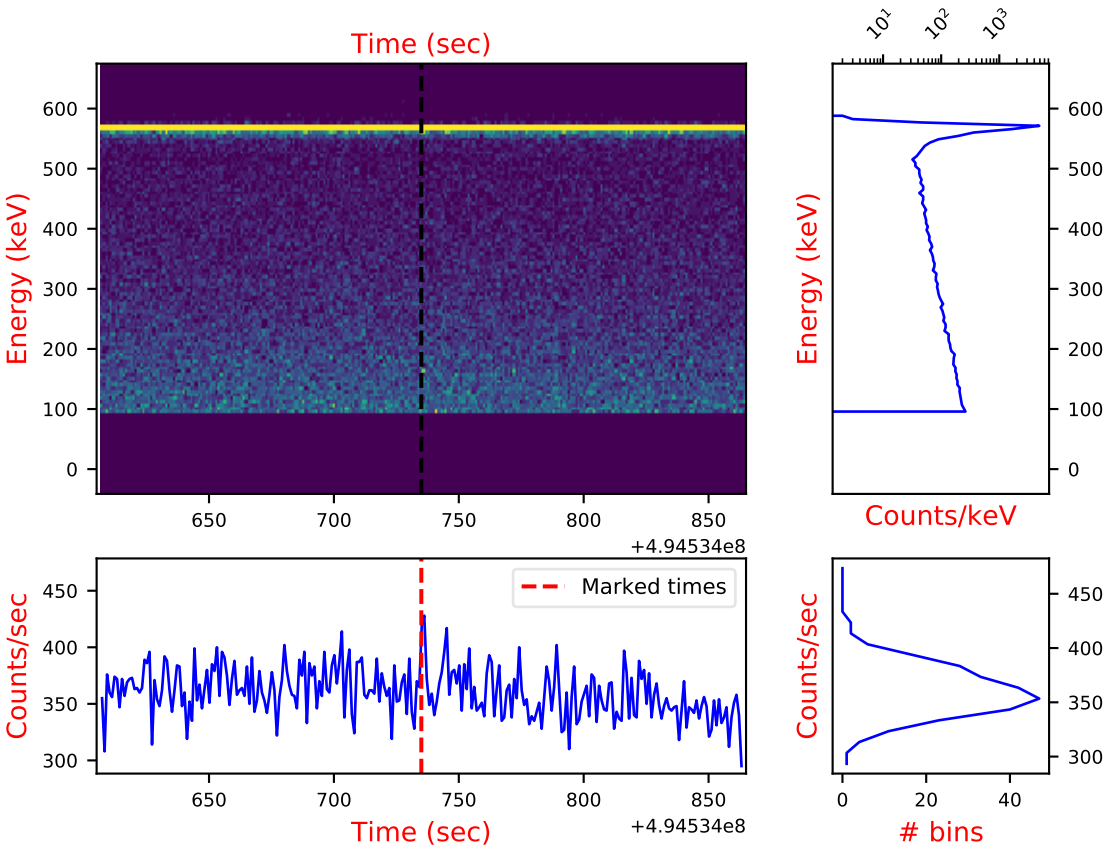

VETO lightcurves
A
B
C
D
500
450
400
350
300
Counts/sec
650
700
750
800
850
Time (sec)
+4.94534e8

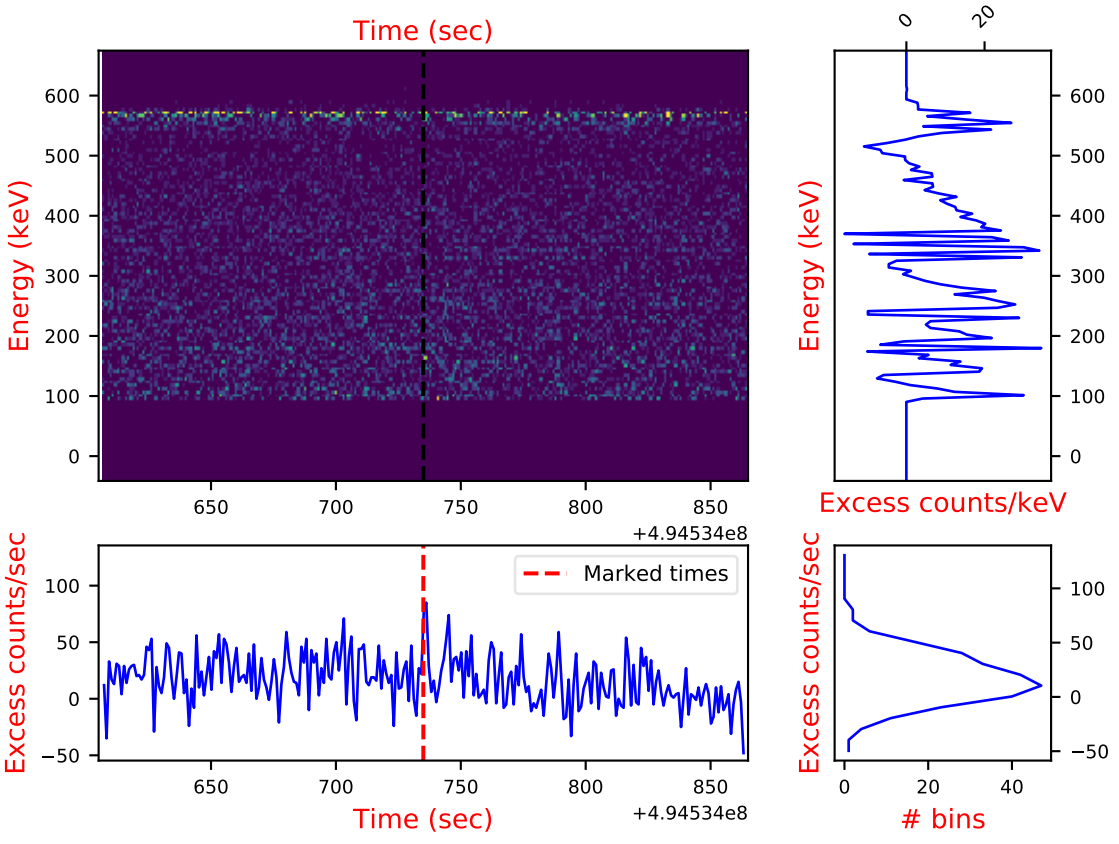

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
450
400
350
300
Marked times
650
700
750
800
850
+4.94534e8
Time (sec)
Counts/sec
0
20
40
bins

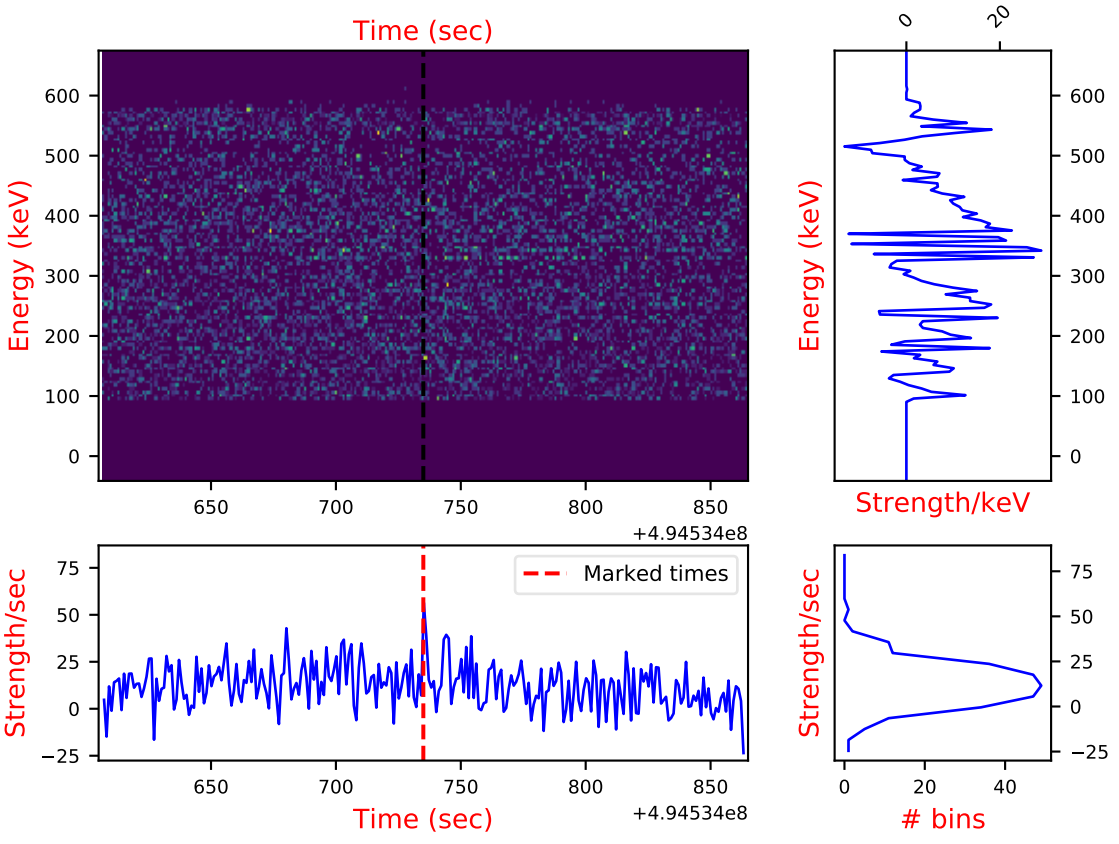

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
20
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
−50
650
700
750
800
850
Time (sec)
+4.94534e8
Excess counts/sec
150
100
50
0
−50
0
20
40
bins

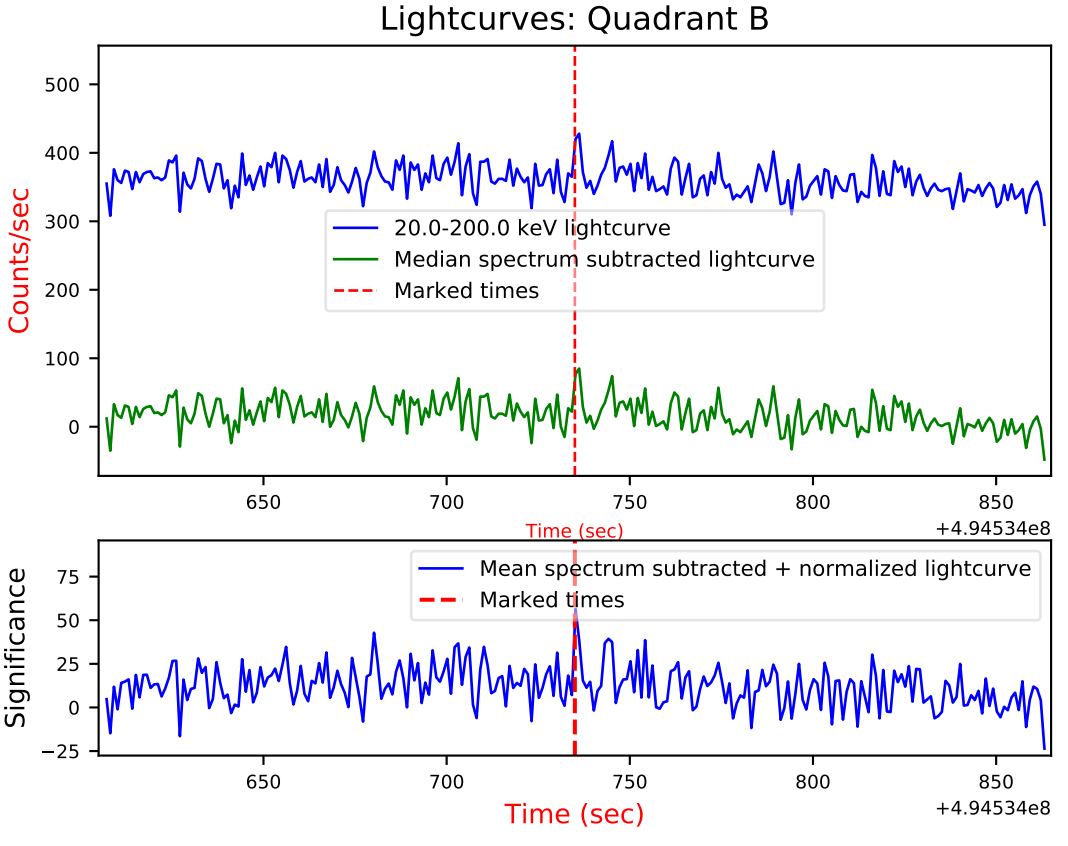

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
50
Energy (keV)
Strength/keV
Strength/sec
75
50
25
0
Marked times
650
700
750
800
850
+4.94534e8
Time (sec)
Strength/sec
0
20
40
bins

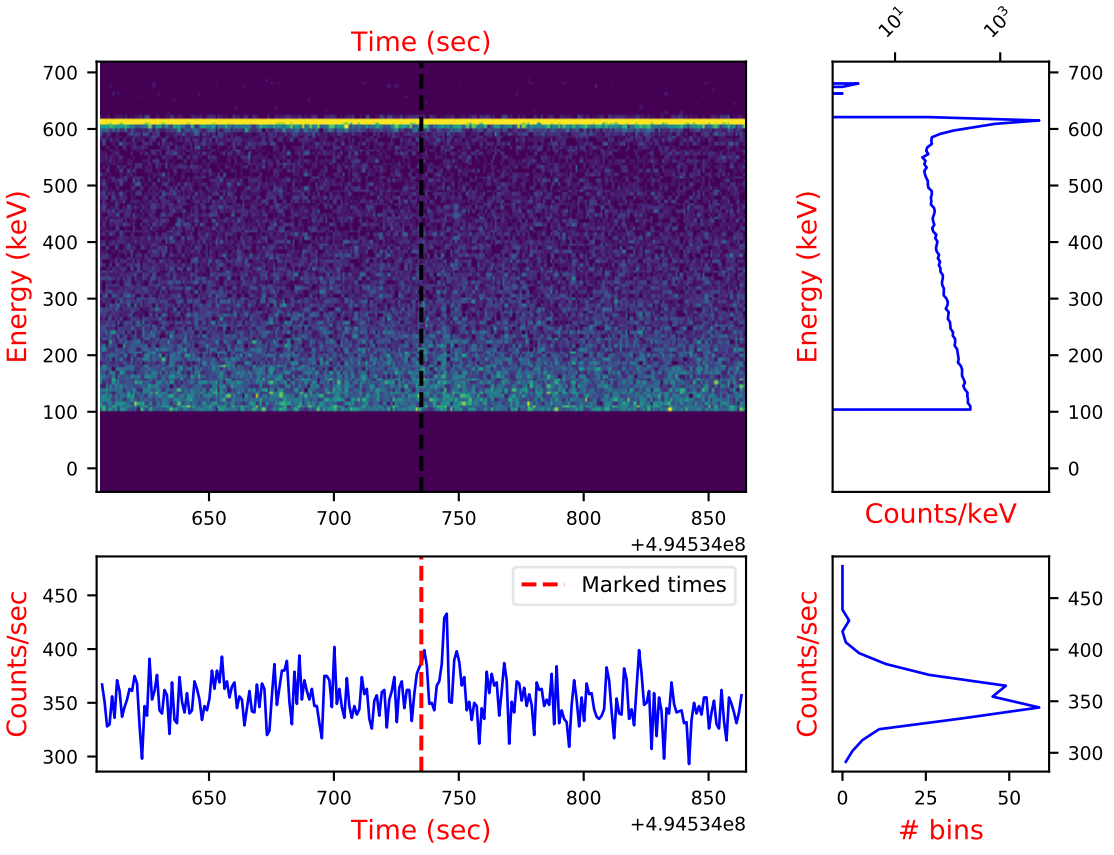

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
650
700
750
800
850
Time (sec)
+4.94534e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
75
50
25
0
650
700
750
800
850
Time (sec)
+4.94534e8

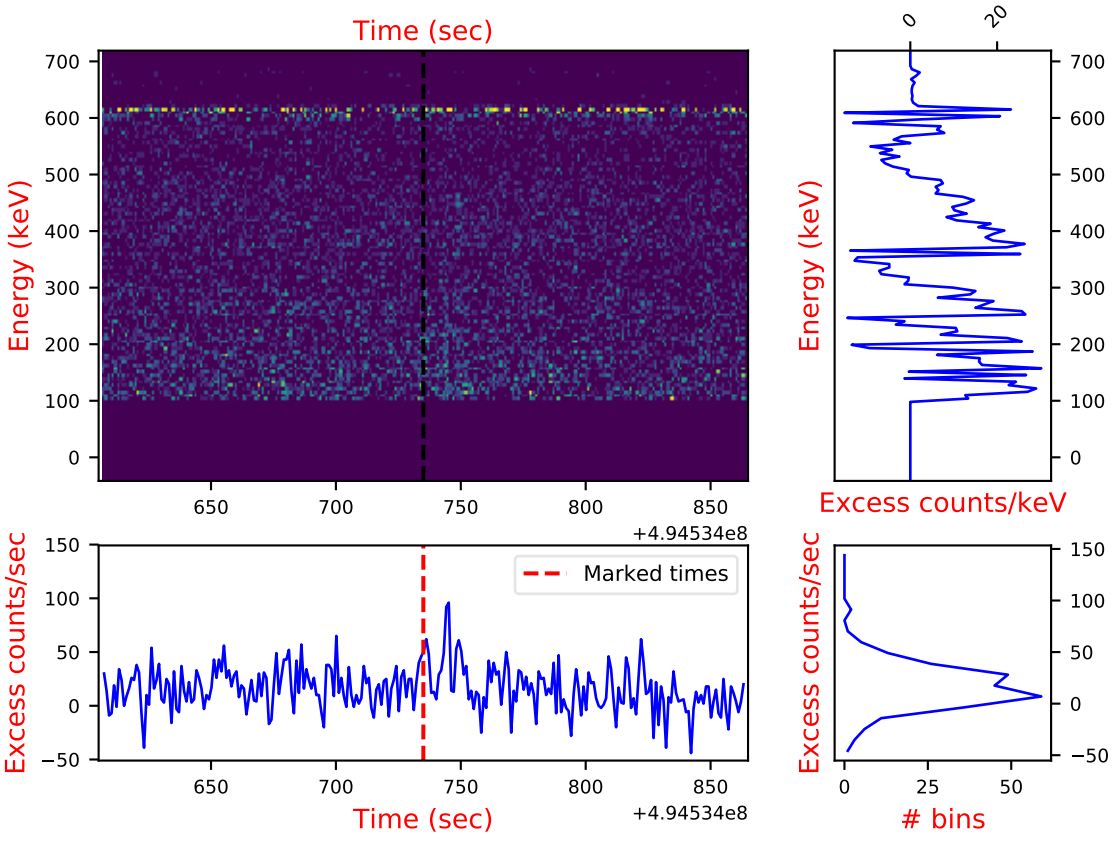

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
10^1
10^2
10^3
Counts/keV
Counts/sec
450
400
350
300
Marked times
Time (sec)
bins
0
20
40

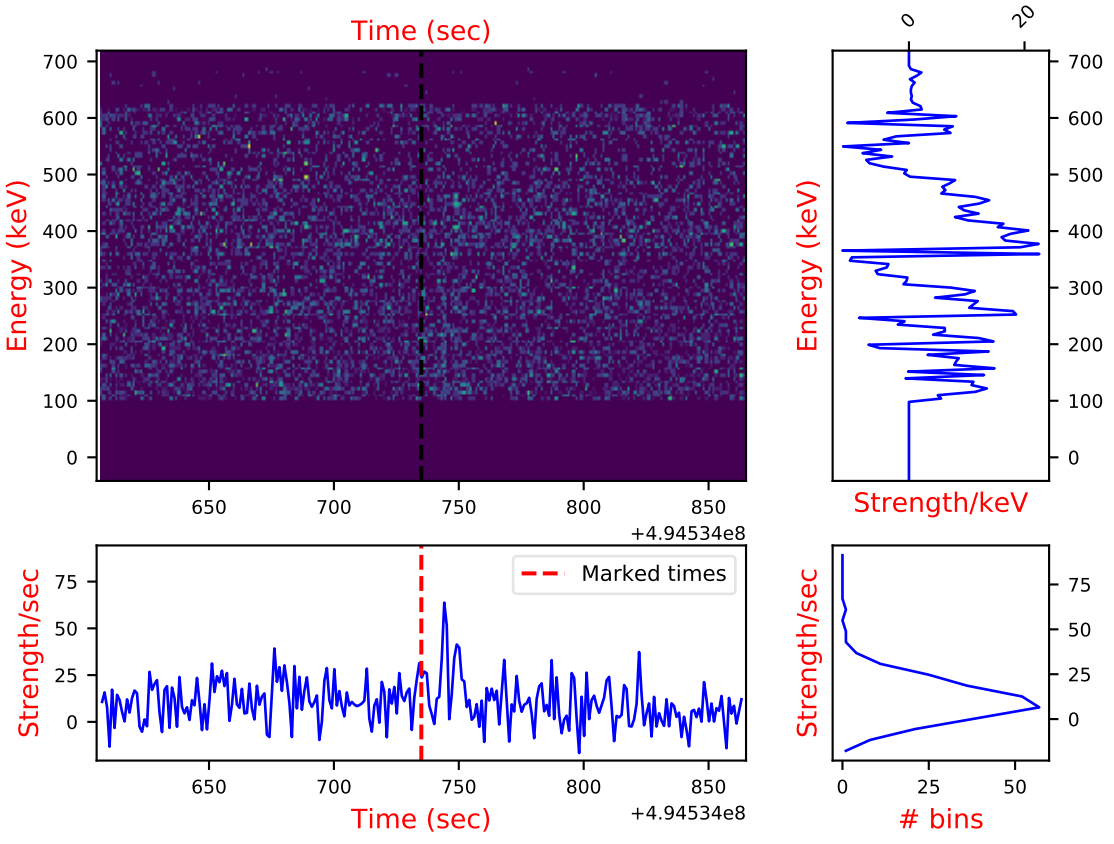

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
−50
Time (sec)
+4.94534e8
40
bins

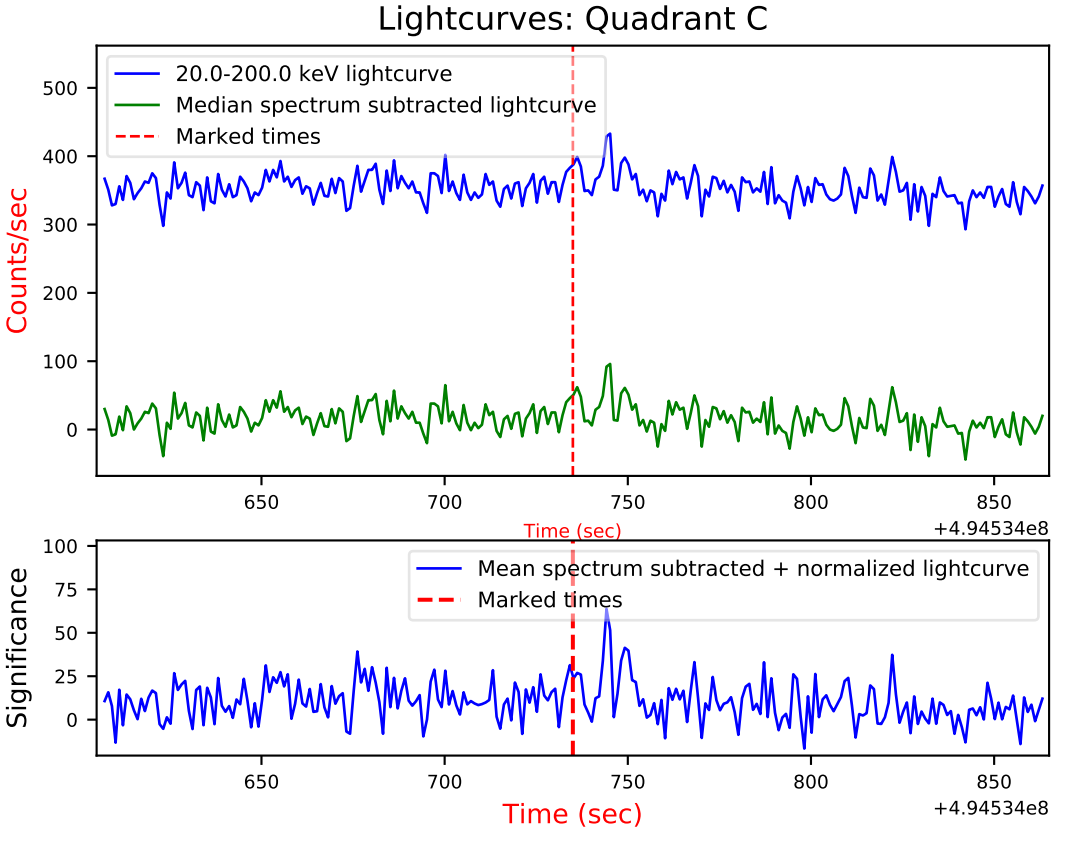

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
20
Energy (keV)
Strength/keV
Strength/sec
75
50
25
0
−25
Marked times
650
700
750
800
850
+4.94534e8
Time (sec)
Strength/sec
0
20
40
bins

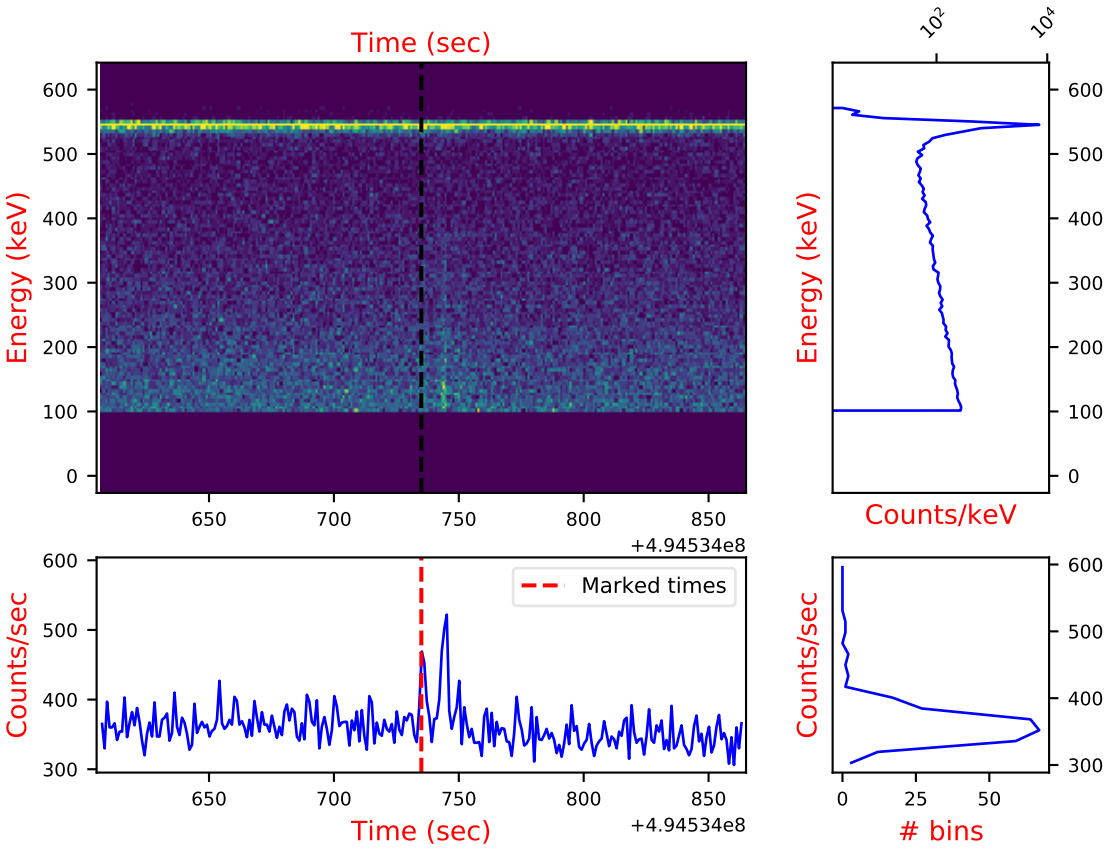

Lightcurves: Quadrant B
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
650
700
750
800
850
Time (sec)
+4.94534e8
Significance
75
50
25
0
−25
Mean spectrum subtracted + normalized lightcurve
Marked times
650
700
750
800
850
Time (sec)
+4.94534e8

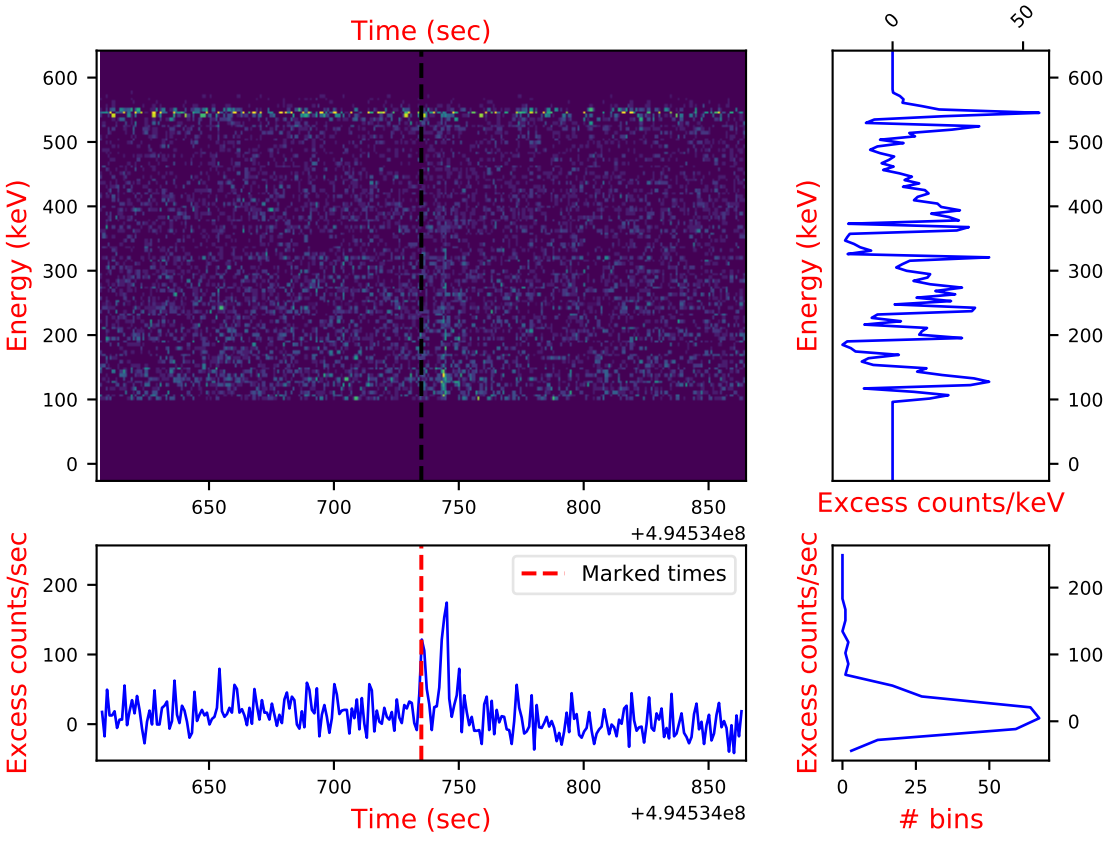

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
450
400
350
300
650
700
750
800
850
Time (sec)
+4.94534e8
Counts/sec
0
25
50
bins

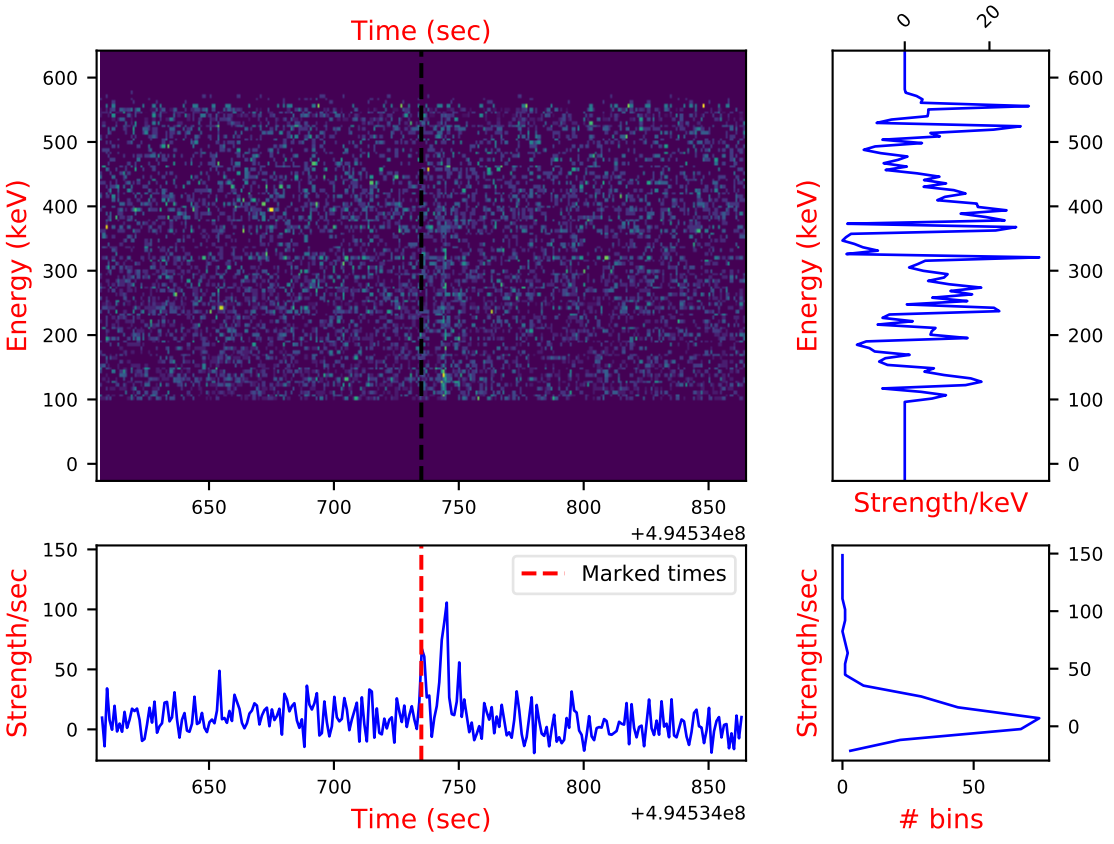

VETO Quadrant C
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+4.94534e8
bins

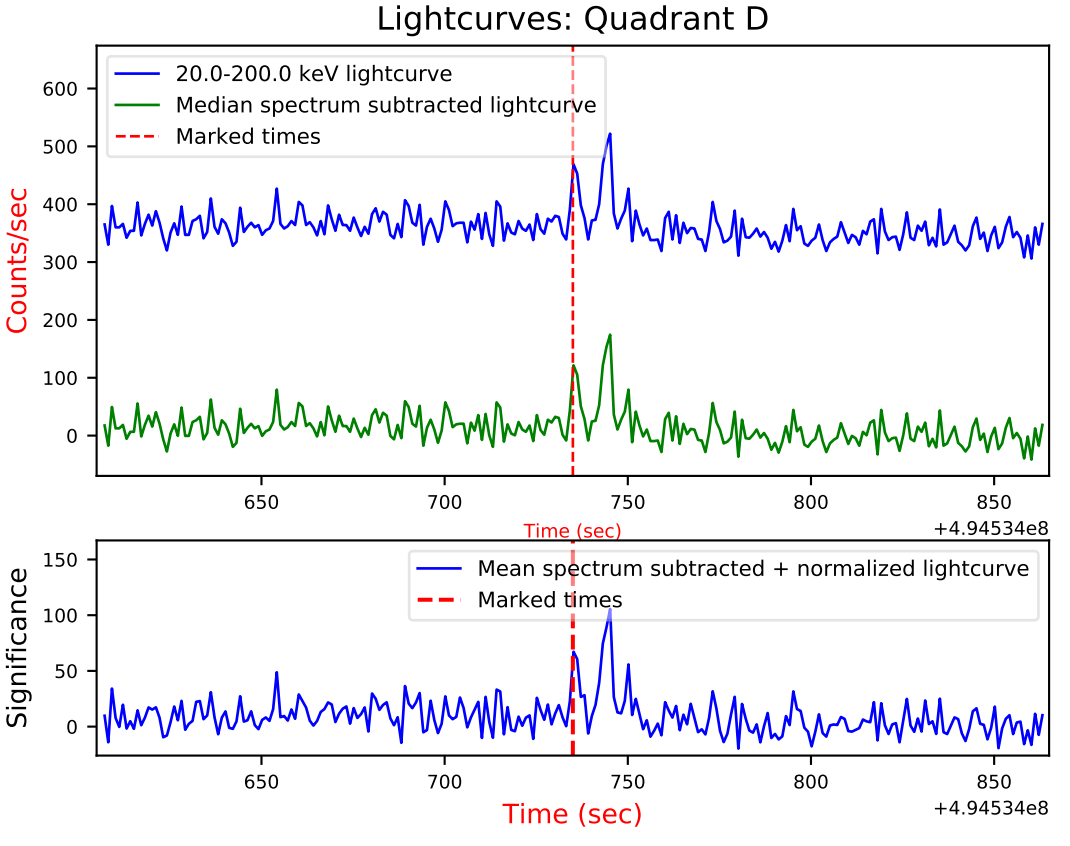

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
20
Strength/keV
Strength/sec
75
50
25
Marked times
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
650
700
750
800
850
Time (sec)
+4.94534e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
75
50
25
0
650
700
750
800
850
Time (sec)
+4.94534e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
10^2
10^4
Counts/keV
Counts/sec
Marked times
bins
25
50


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
50
Excess counts/keV
Excess counts/sec
Marked times
200
100
0
Time (sec)
+4.94534e8
25
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
650
700
750
800
850
+4.94534e8
0
20
Energy (keV)
Strength/keV
Strength/sec
150
100
50
0
Marked times
650
700
750
800
850
+4.94534e8
Time (sec)
Strength/sec
0
50
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
650
700
750
800
850
Time (sec)
+4.94534e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
150
100
50
0
650
700
750
800
850
Time (sec)
+4.94534e8