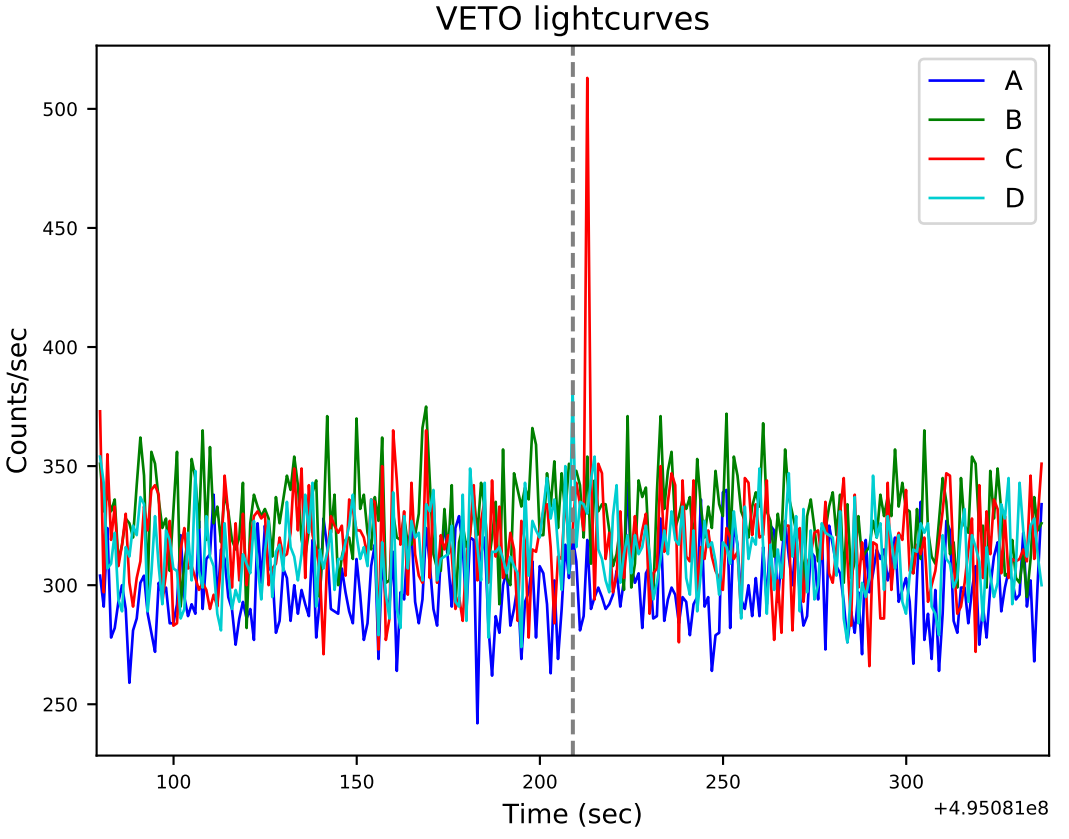
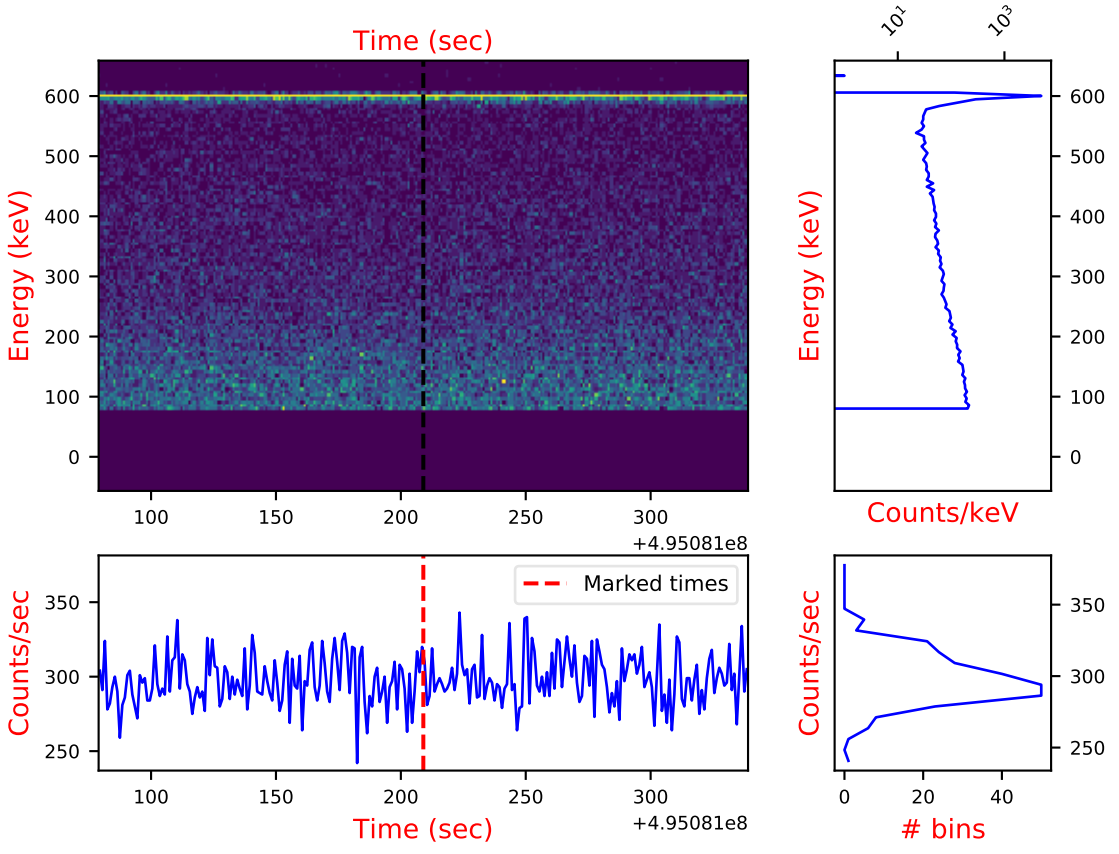
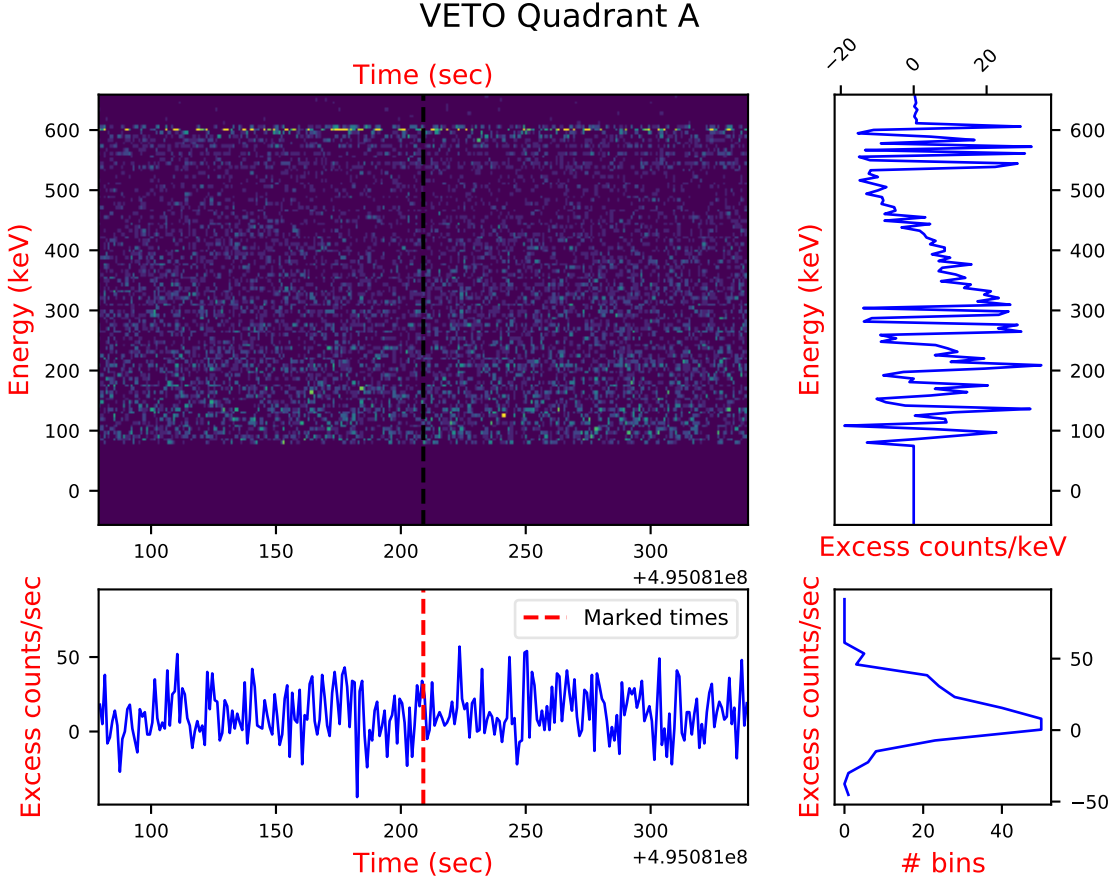
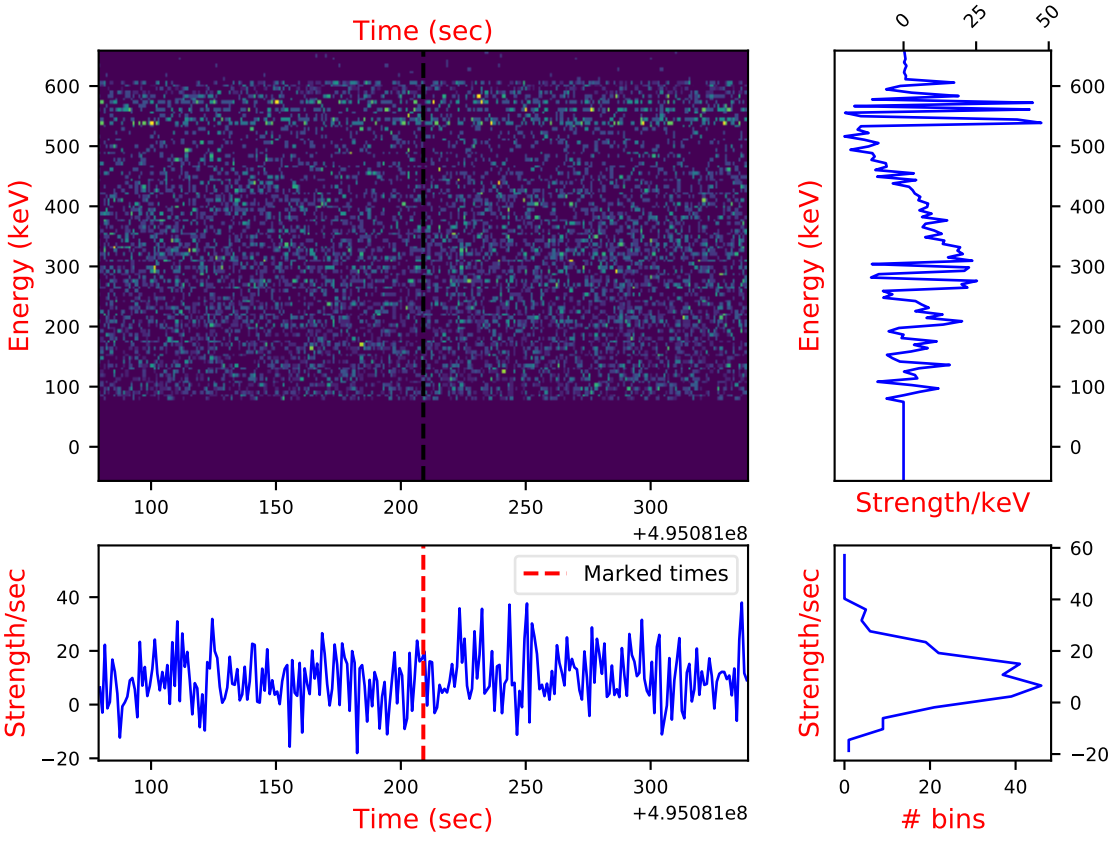
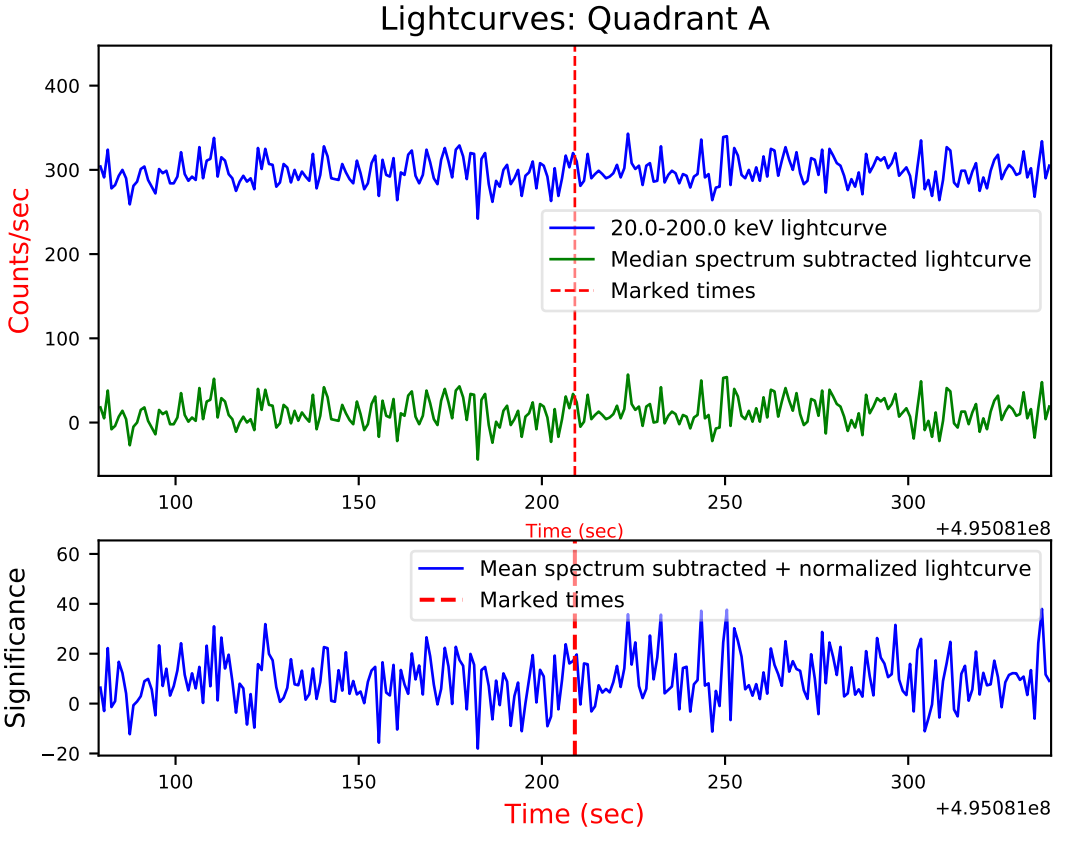
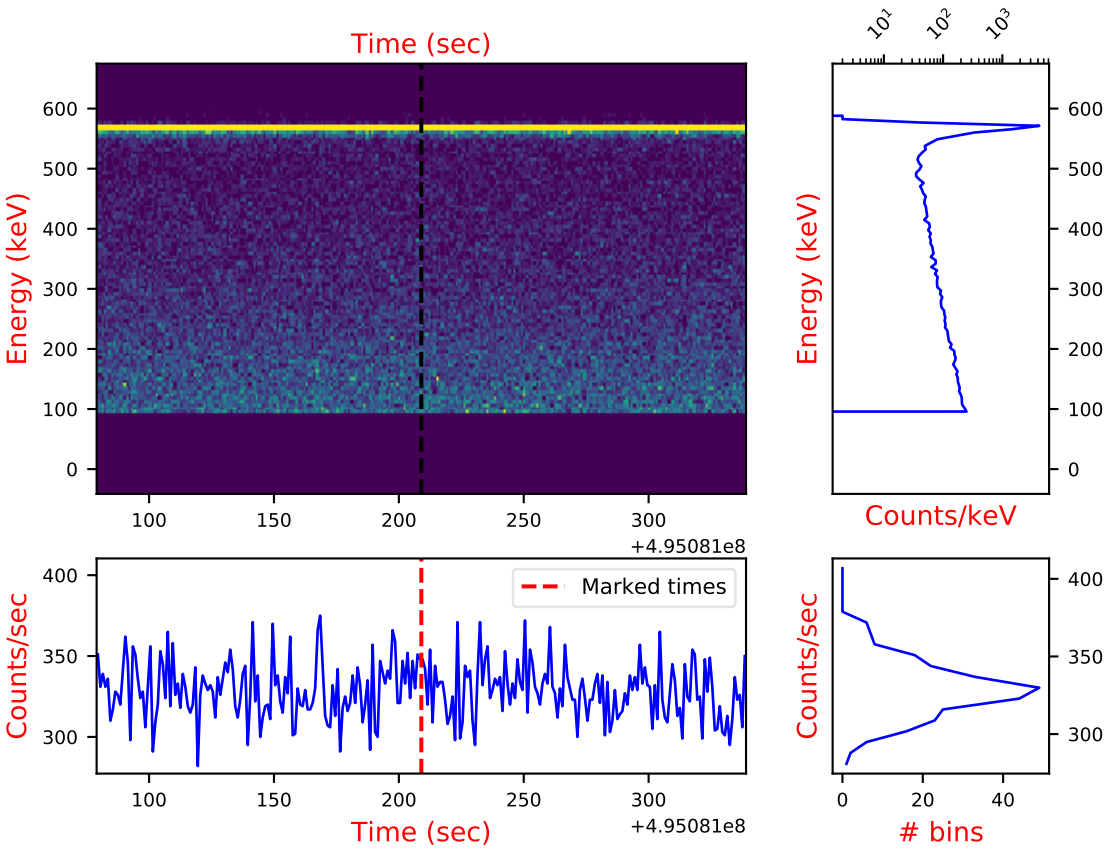

VETO lightcurves
A
B
C
D
Counts/sec
500
450
400
350
300
250
100
150
200
250
300
Time (sec)
+4.95081e8

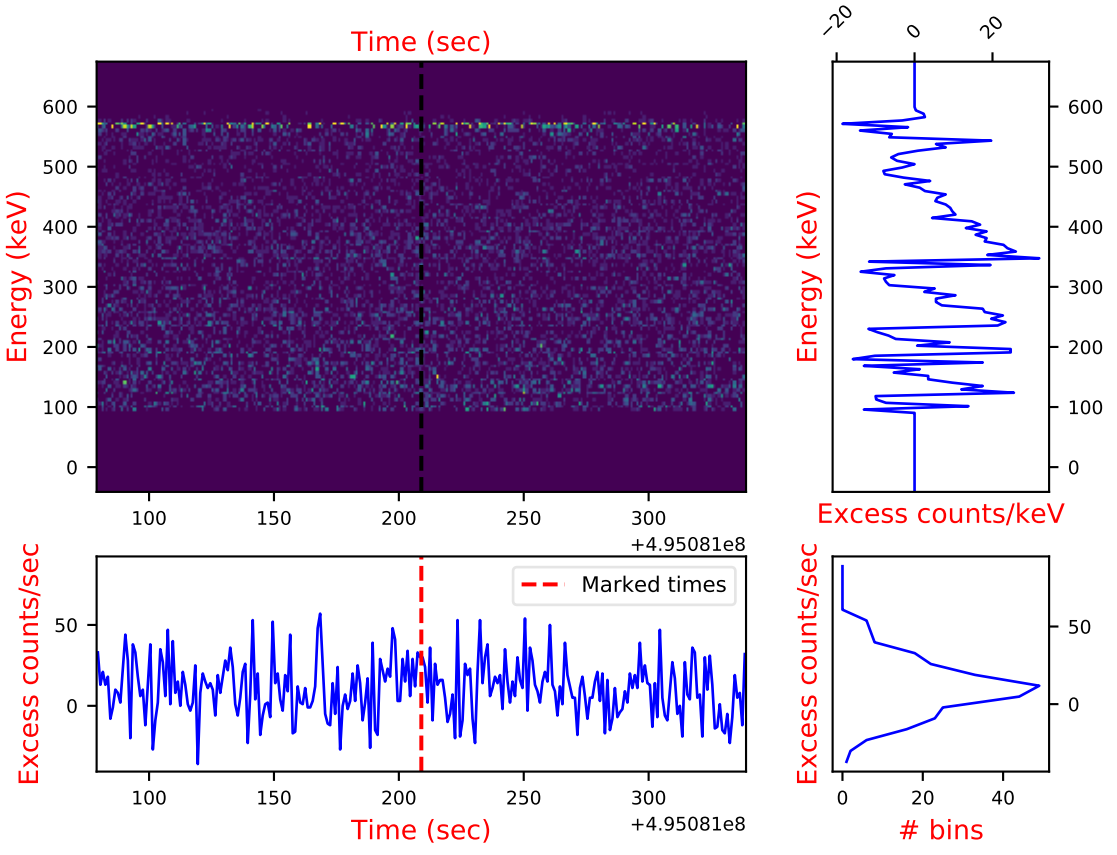

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
350
300
250
Counts/sec
Time (sec)
+4.95081e8
0
20
40
bins

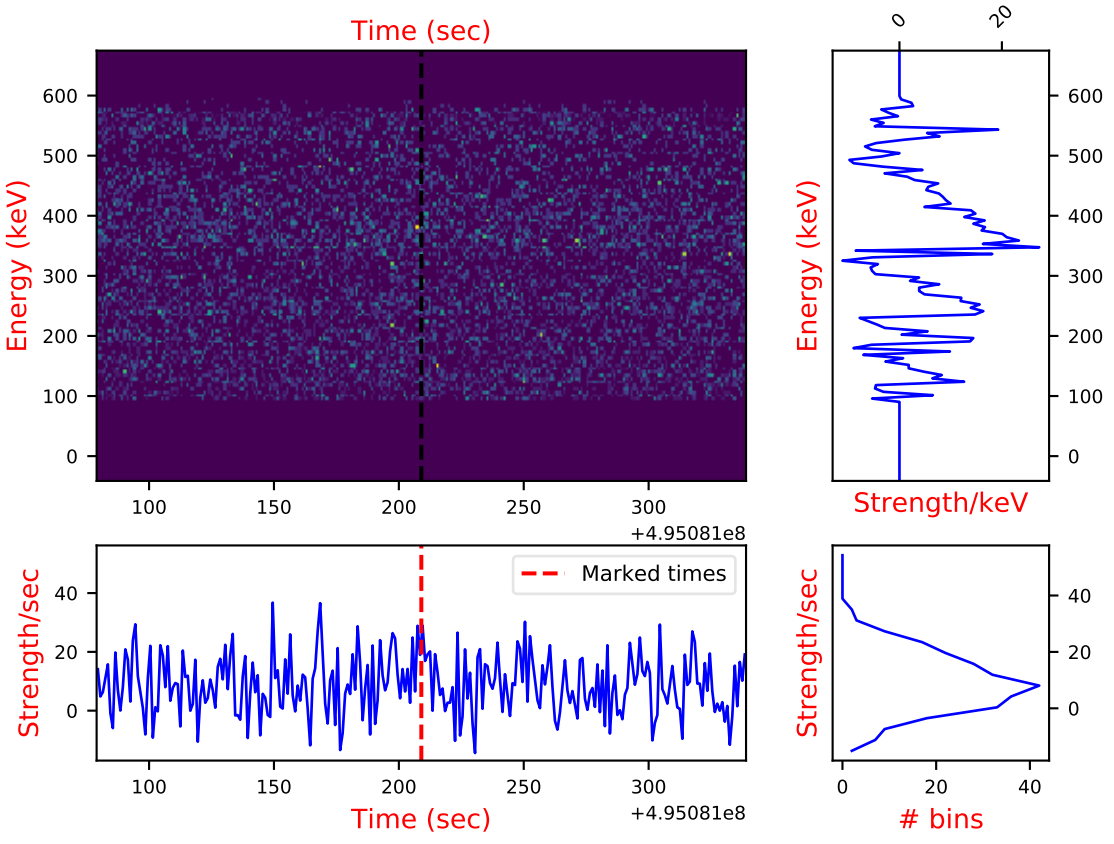

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
−20
0
20
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
50
0
Time (sec)
+4.95081e8
Excess counts/sec
bins
40
−50

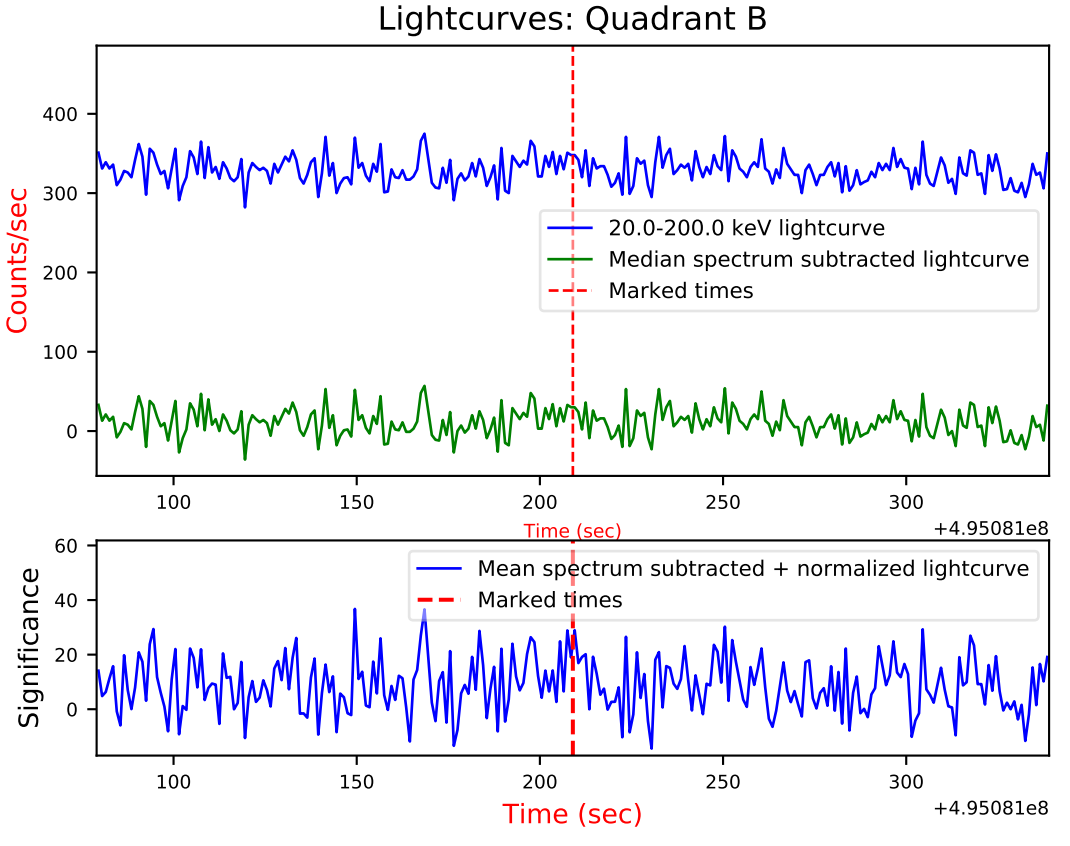

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
0
25
50
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+4.95081e8
60
40
20
0
−20
Strength/sec
0
20
40
bins

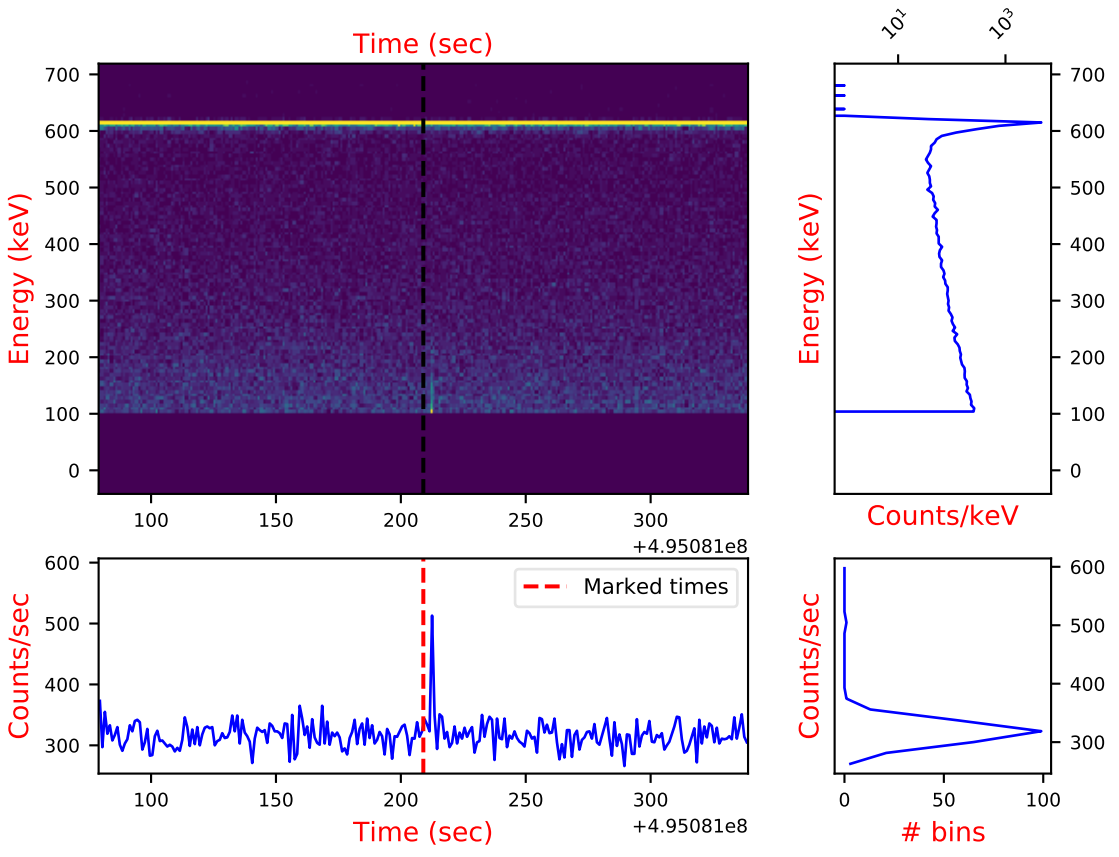

Lightcurves: Quadrant A
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
100
150
200
250
300
Time (sec)
+4.95081e8
Significance
60
40
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
100
150
200
250
300
Time (sec)
+4.95081e8

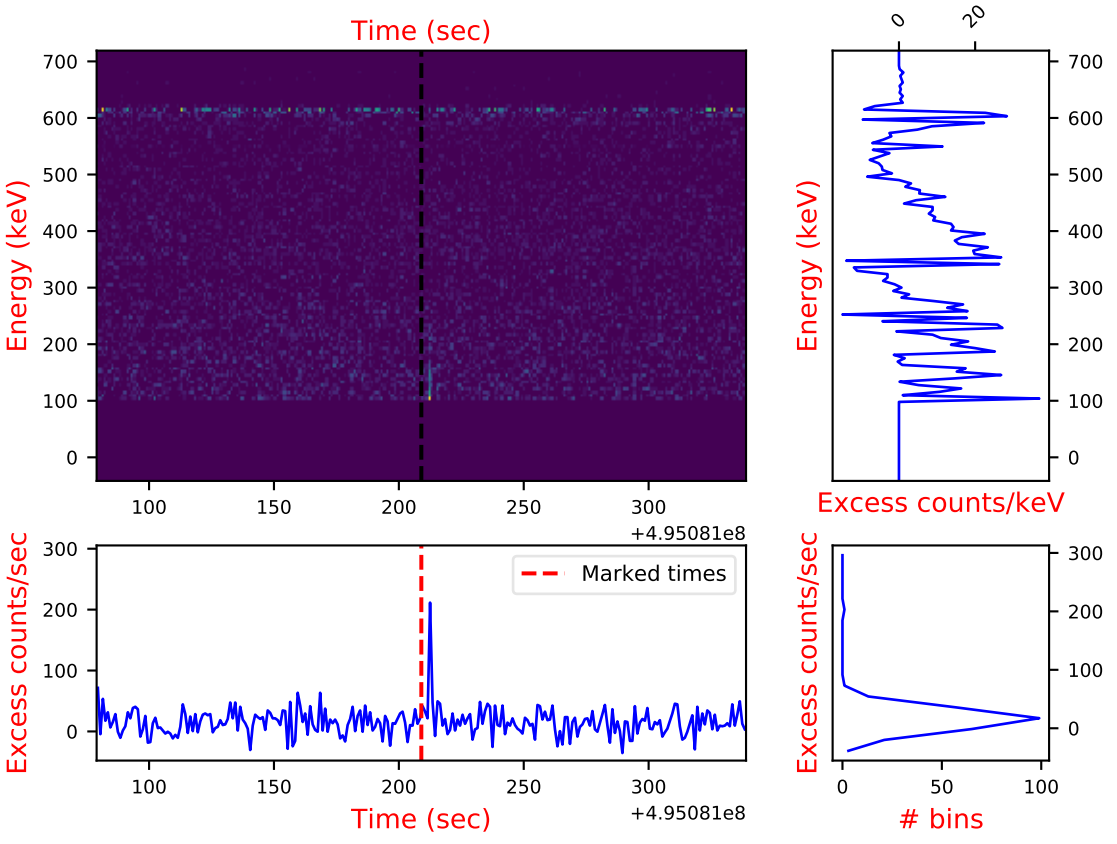

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
10^1
10^2
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
400
350
300
Counts/sec
Time (sec)
+4.95081e8
0
20
40
bins

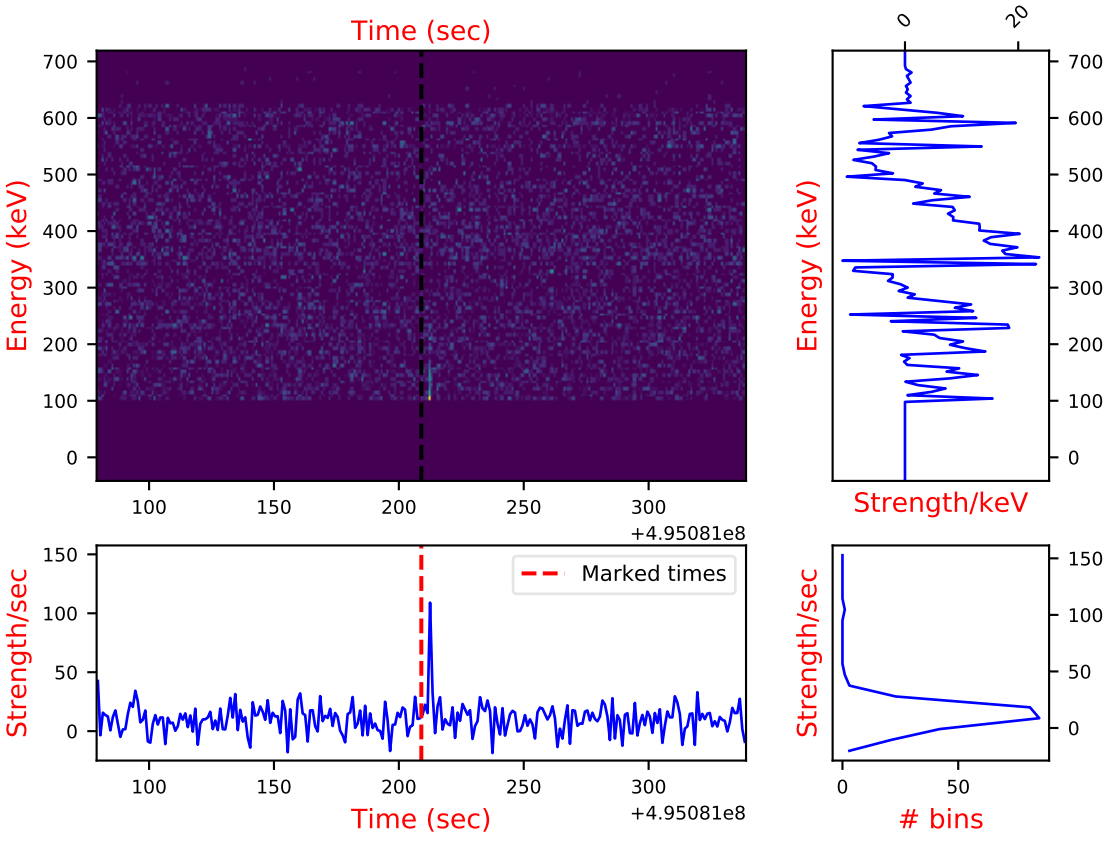

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
−20
0
20
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
50
0
Time (sec)
+4.95081e8
Excess counts/sec
bins
40

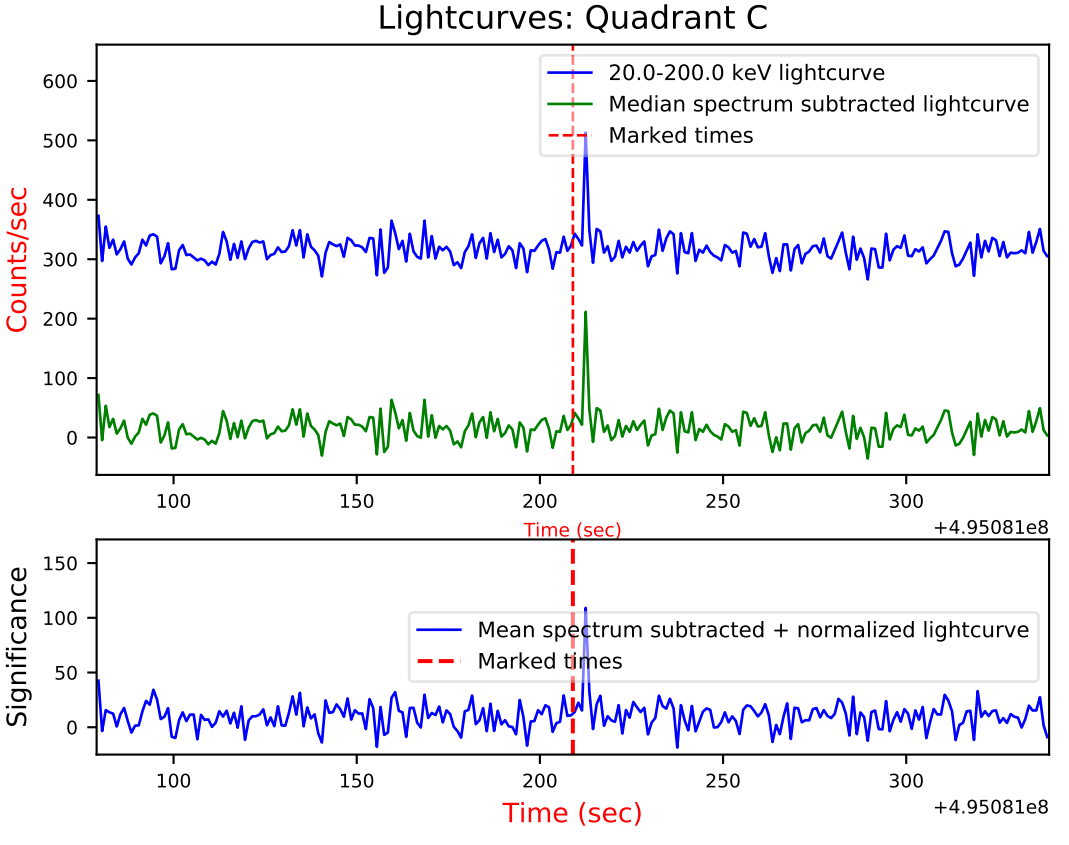

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
0
20
Energy (keV)
Strength/keV
Strength/sec
40
20
0
Marked times
100
150
200
250
300
+4.95081e8
Time (sec)
Strength/sec
0
20
40
bins

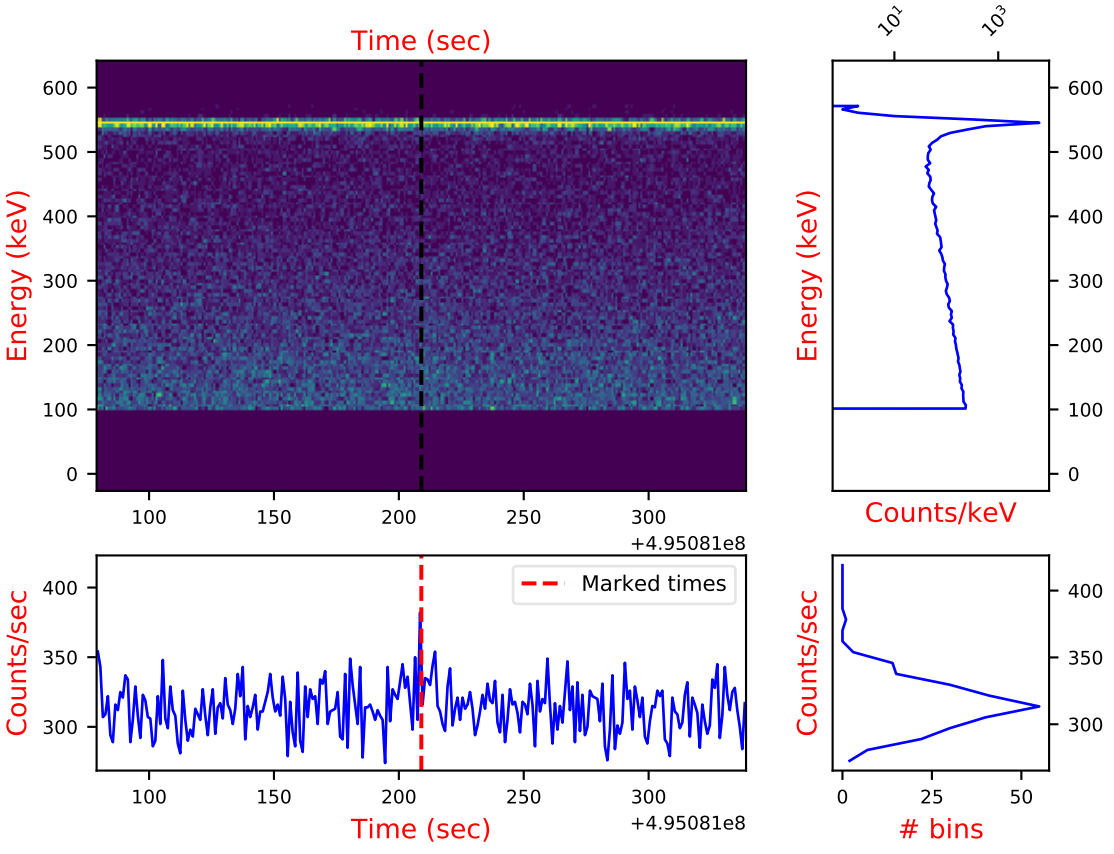

Lightcurves: Quadrant B
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
100
150
200
250
300
Time (sec)
+4.95081e8
Significance
60
40
20
0
Mean spectrum subtracted + normalized lightcurve
Marked times
100
150
200
250
300
Time (sec)
+4.95081e8

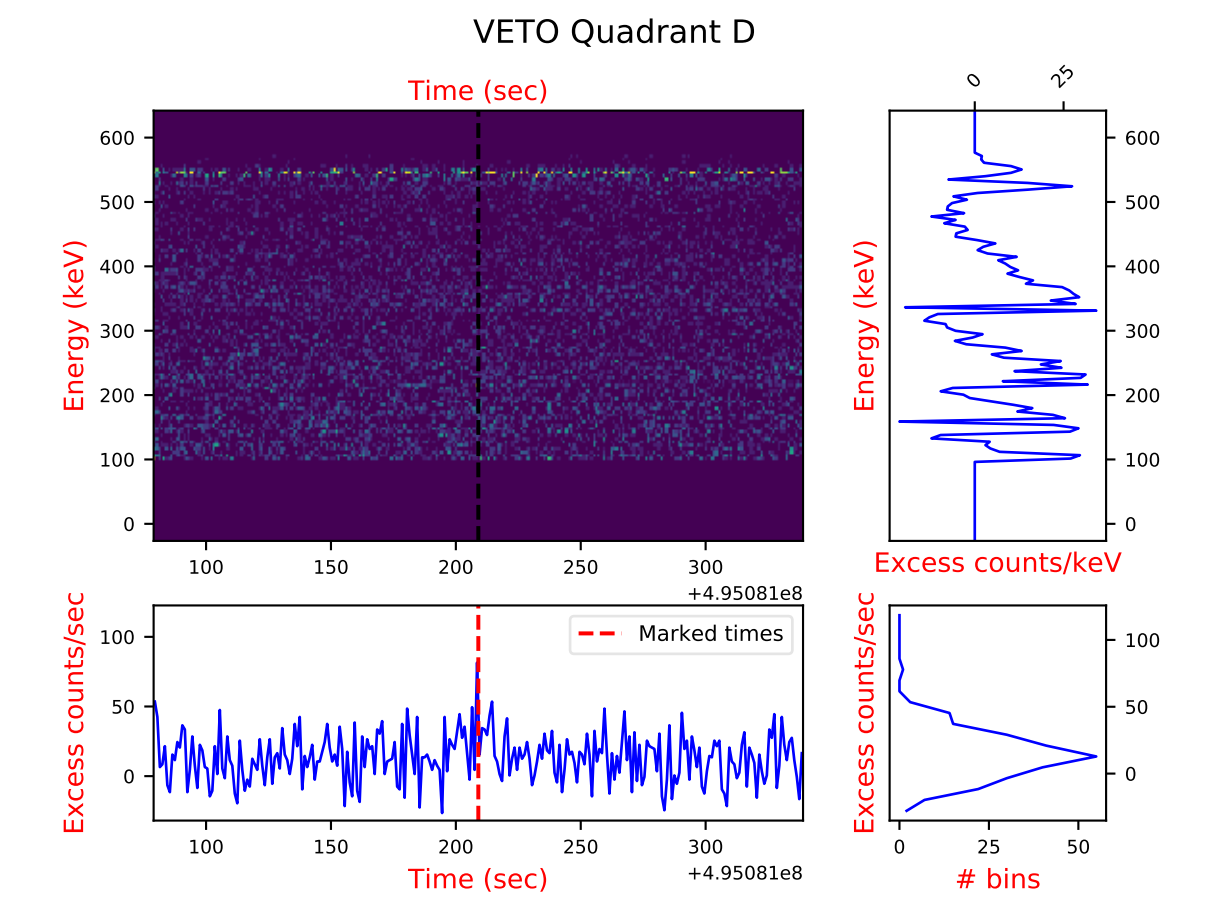

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
Counts/sec
Time (sec)
+4.95081e8
bins
0
50
100

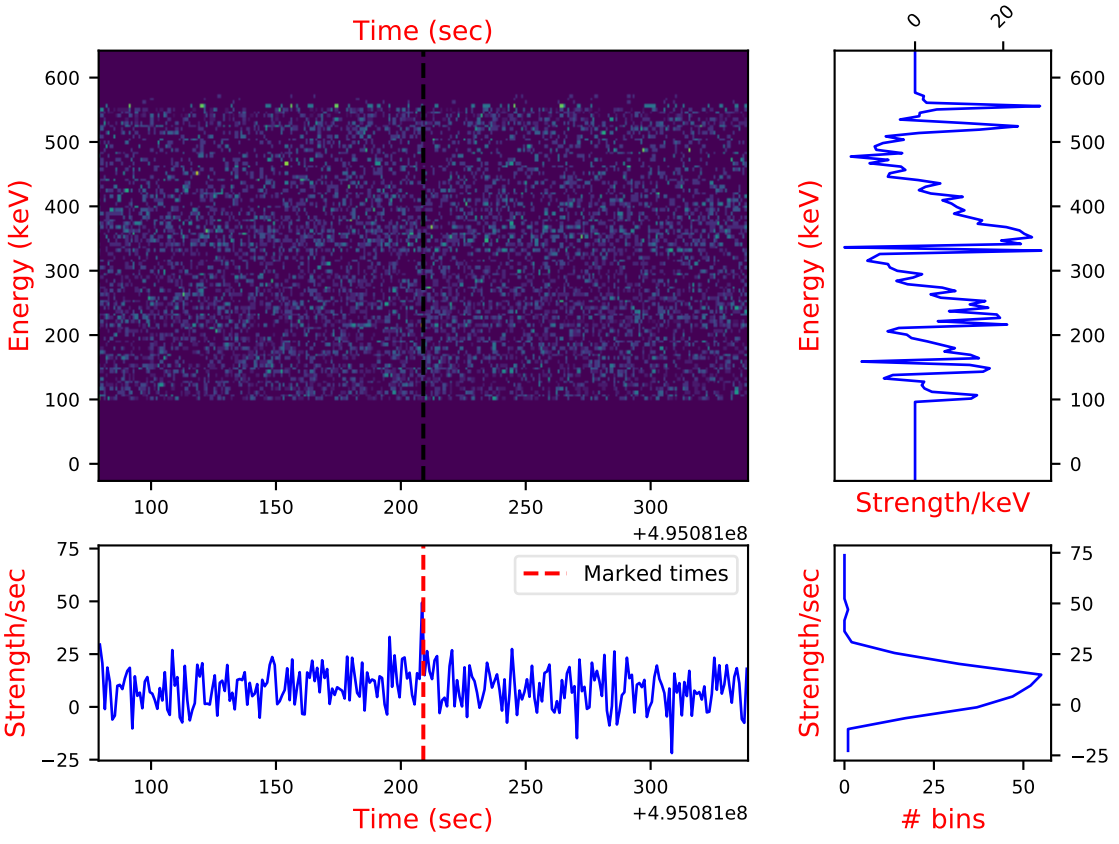

VETO Quadrant C
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+4.95081e8
bins

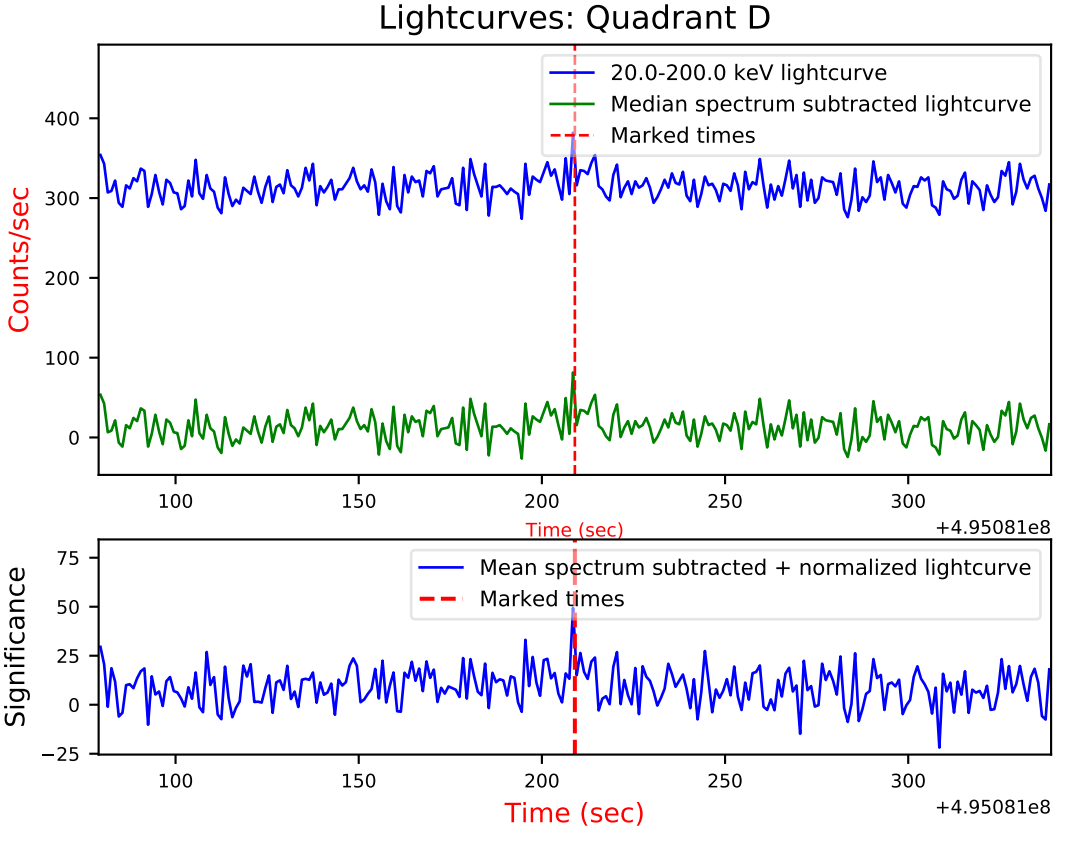

VETO Quadrant C
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
700
100
150
200
250
300
+4.95081e8
0
20
Strength/keV
Strength/sec
150
100
50
0
Marked times
Time (sec)
bins
0
50


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
100
150
200
250
300
Time (sec)
+4.95081e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
150
100
50
0
100
150
200
250
300
Time (sec)
+4.95081e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
400
350
300
Counts/sec
Time (sec)
+4.95081e8
0
25
50
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
100
150
200
250
300
+4.95081e8
0
25
Excess counts/keV
Excess counts/sec
Marked times
100
50
0
Time (sec)
bins
50


VETO Quadrant D
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
+4.95081e8
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
400
300
200
100
0
100
150
200
250
300
Time (sec)
+4.95081e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
75
50
25
0
−25
100
150
200
250
300
Time (sec)
+4.95081e8