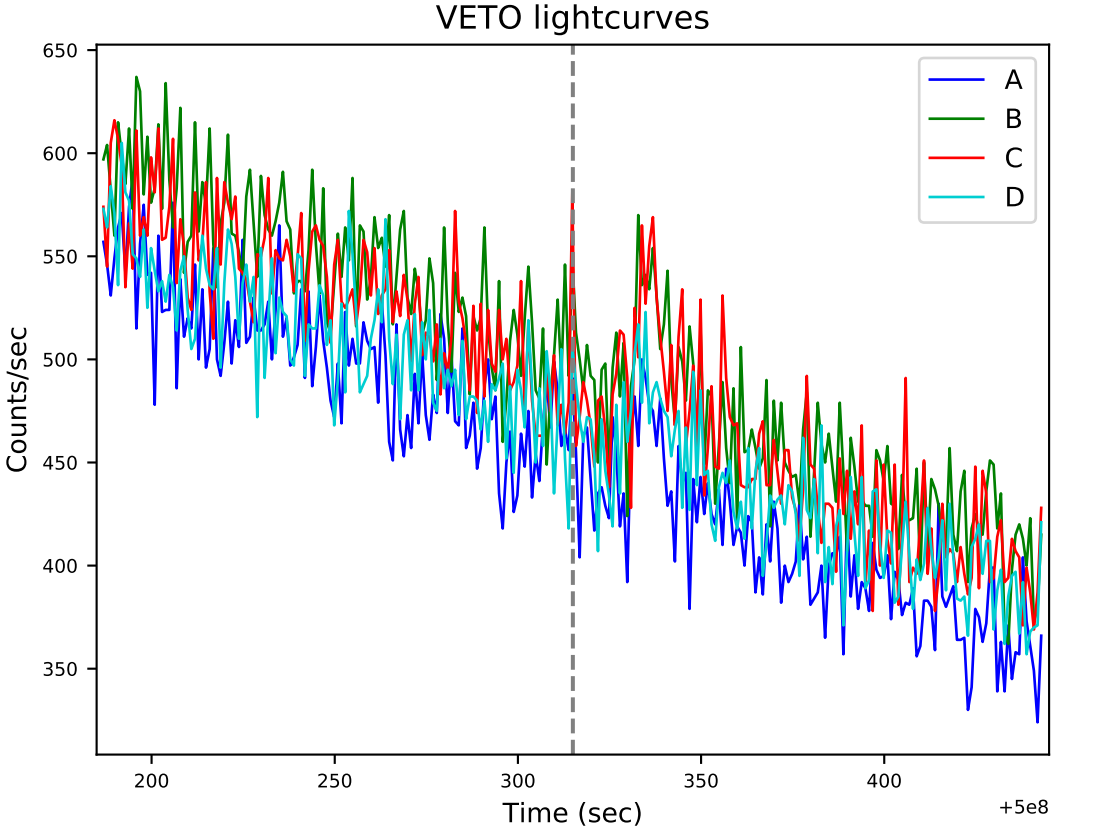
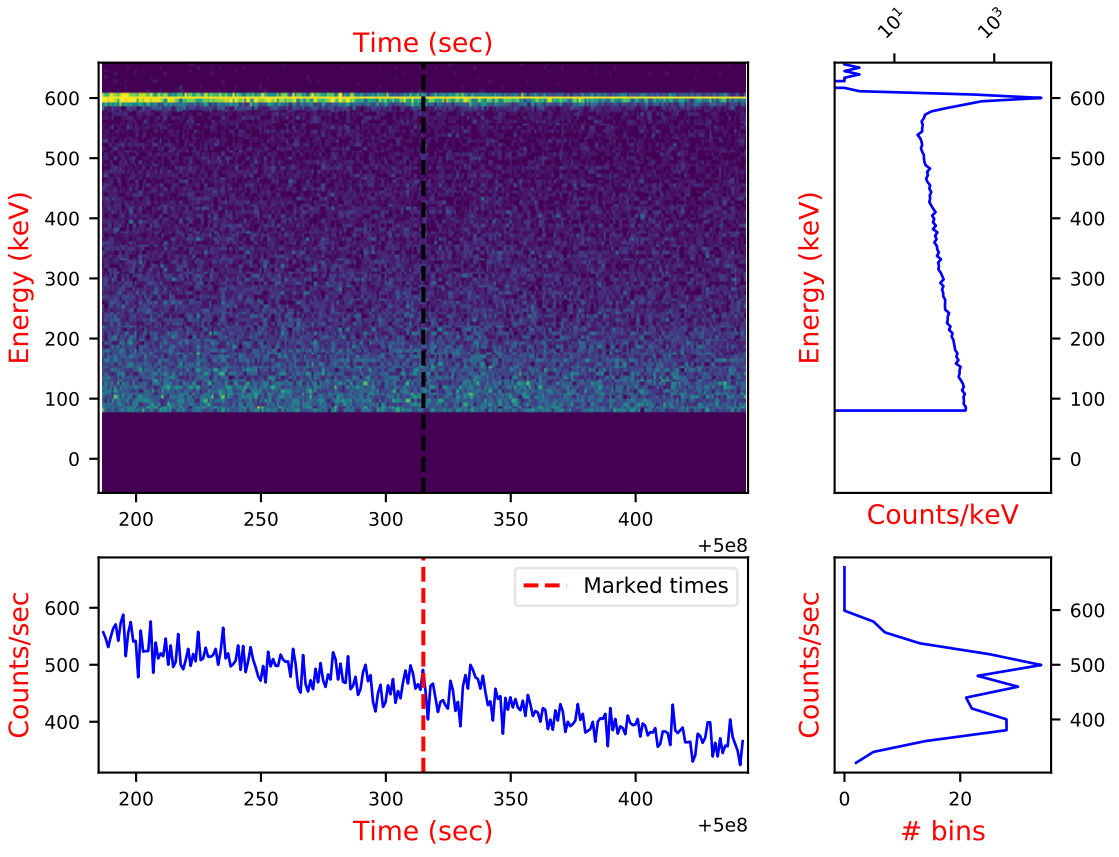
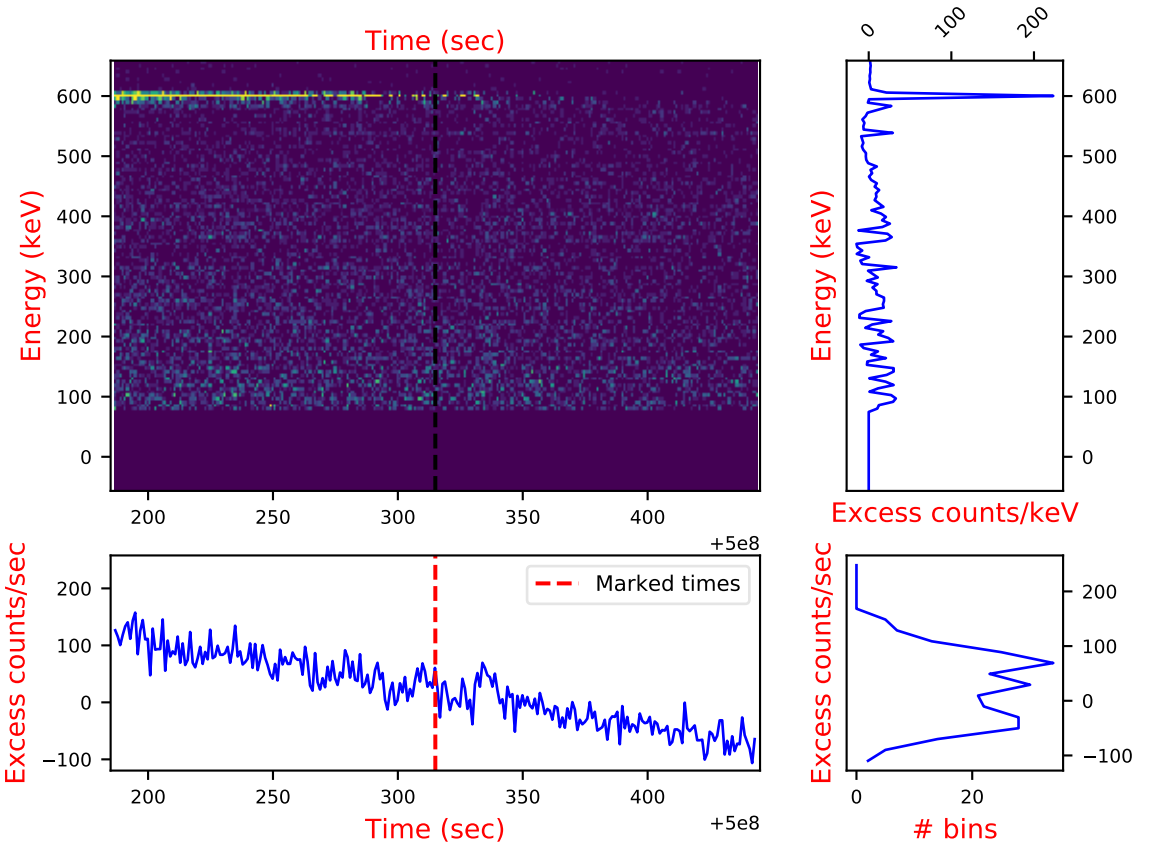
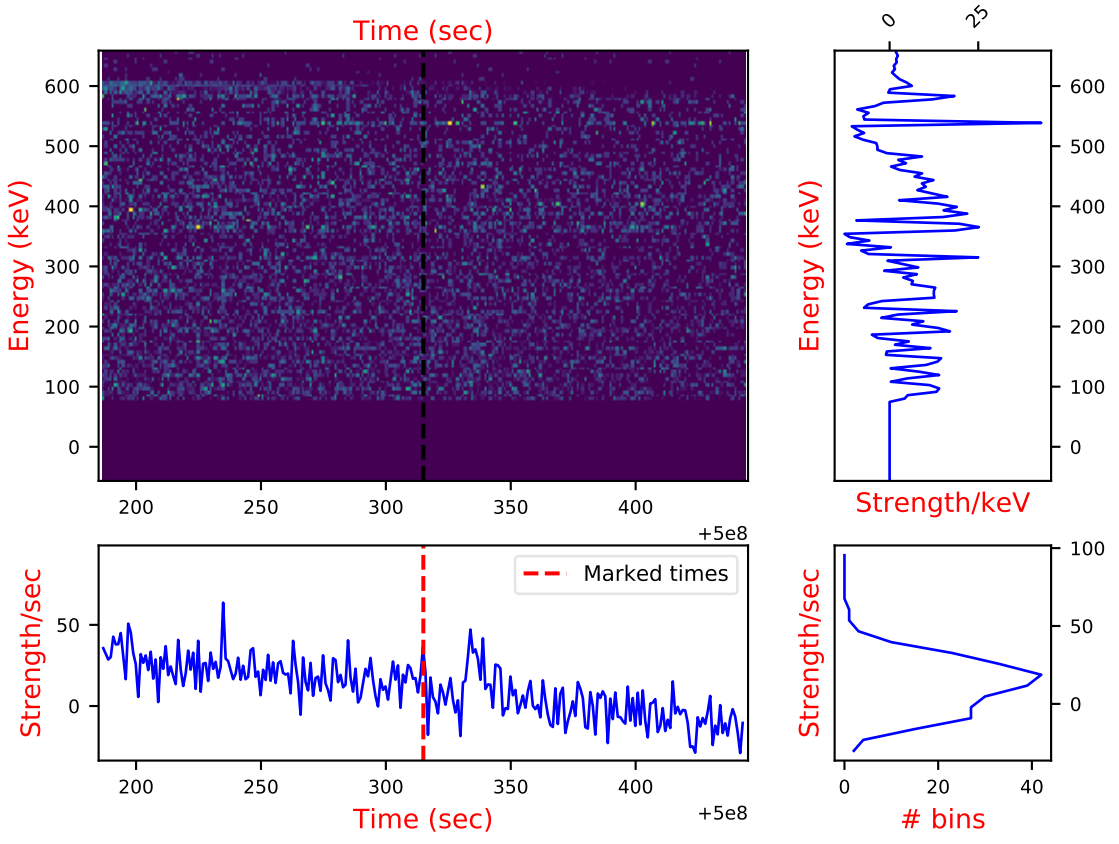
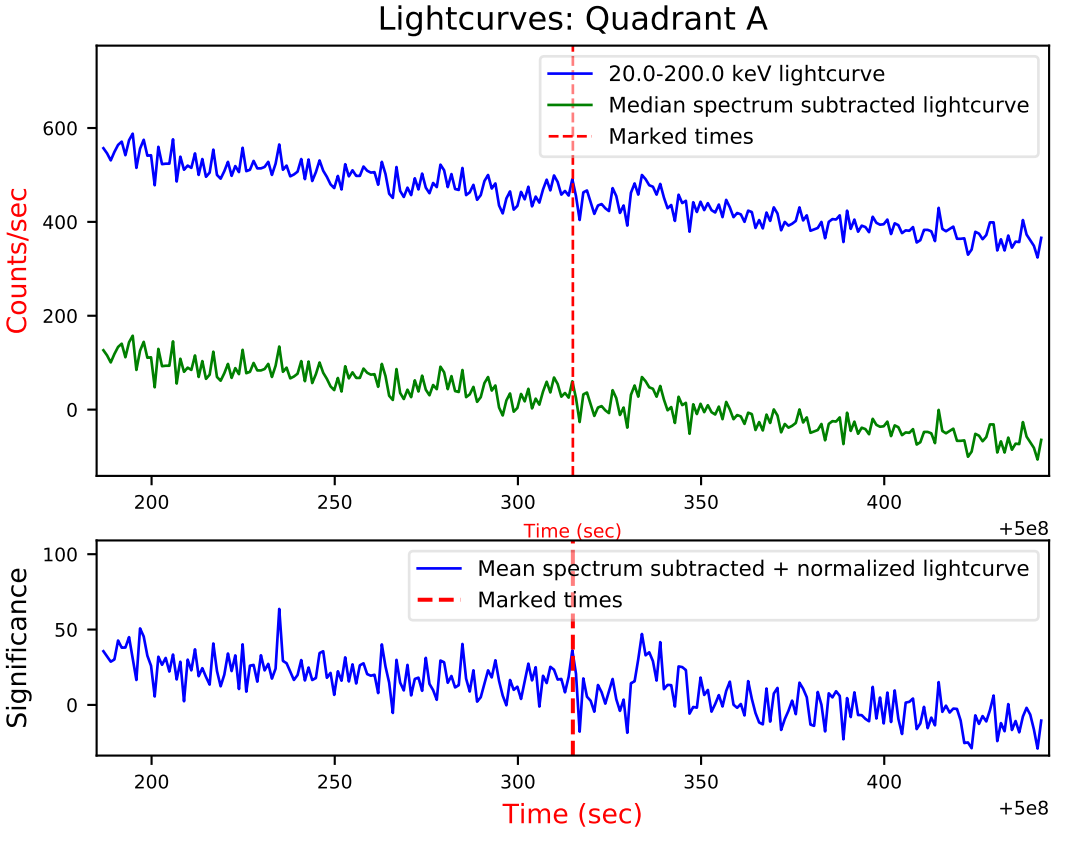
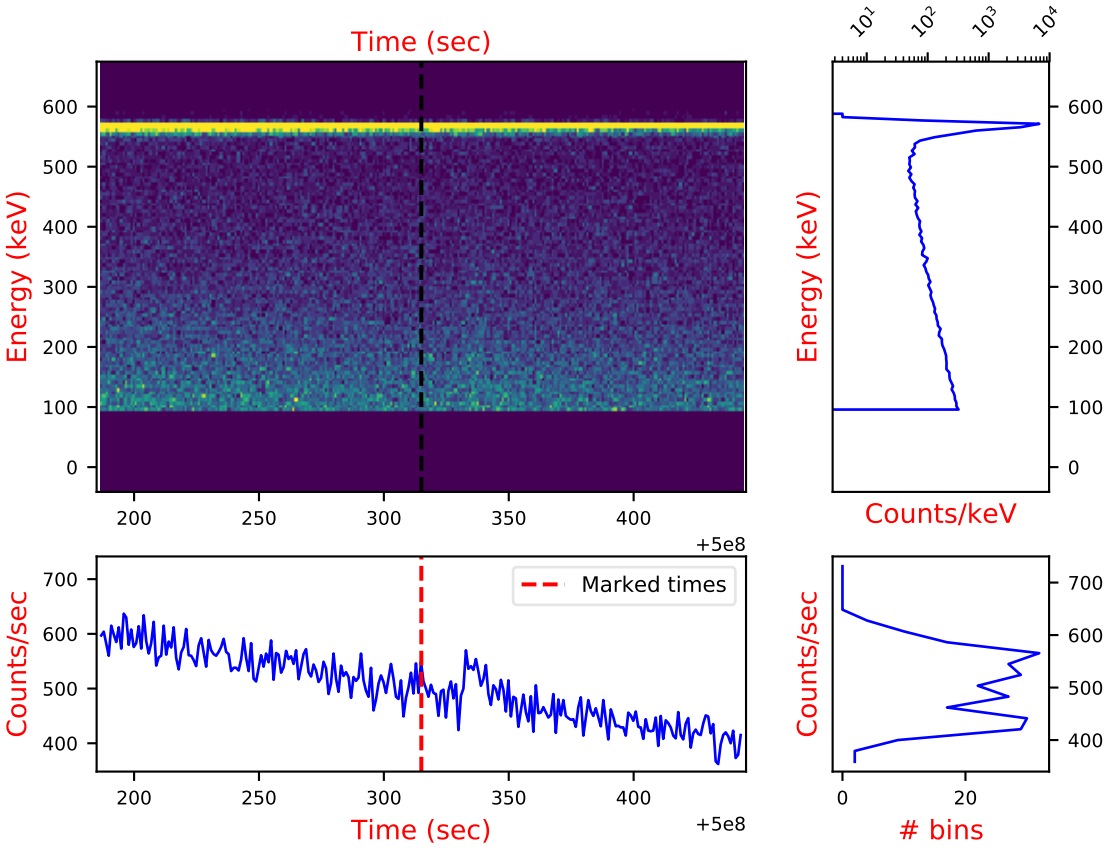

VETO lightcurves
650
600
550
500
450
400
350
Counts/sec
200
250
300
350
400
Time (sec)
+5e8
A
B
C
D

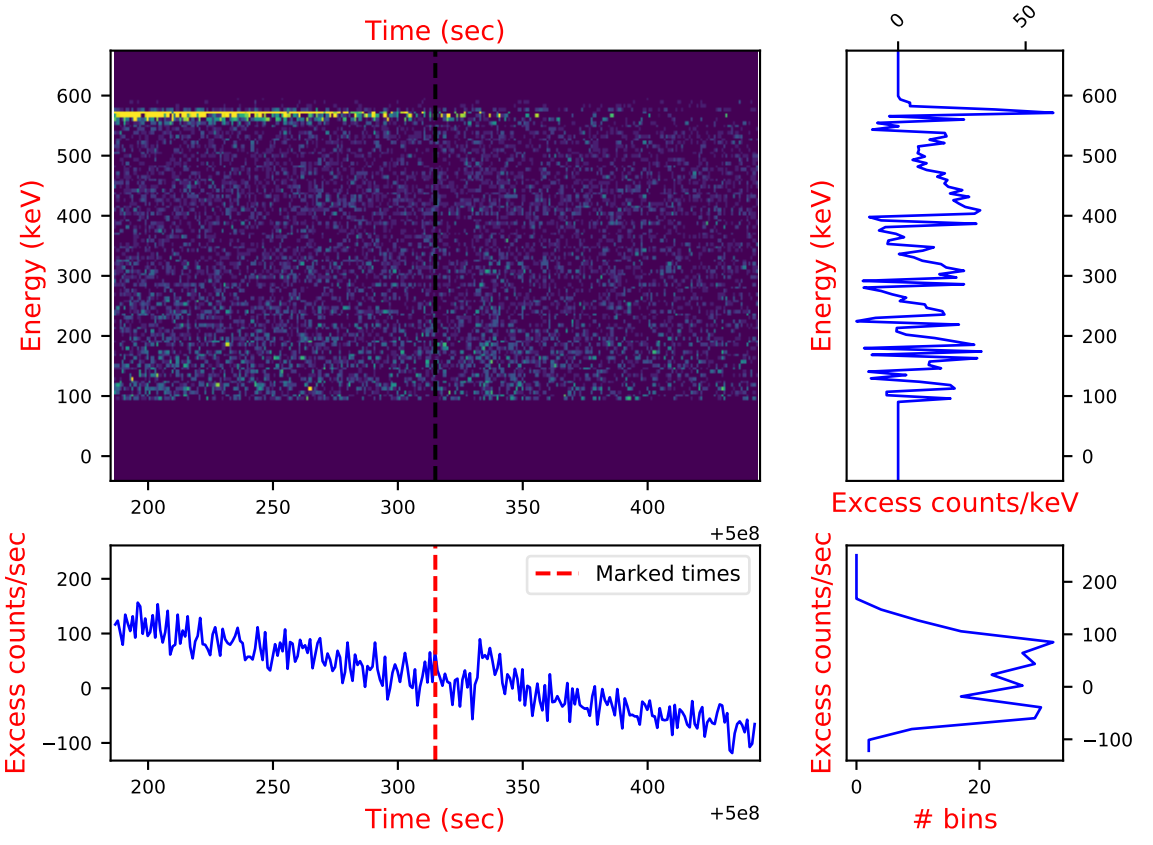

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+5e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
Time (sec)
+5e8
Counts/sec
0
20
bins

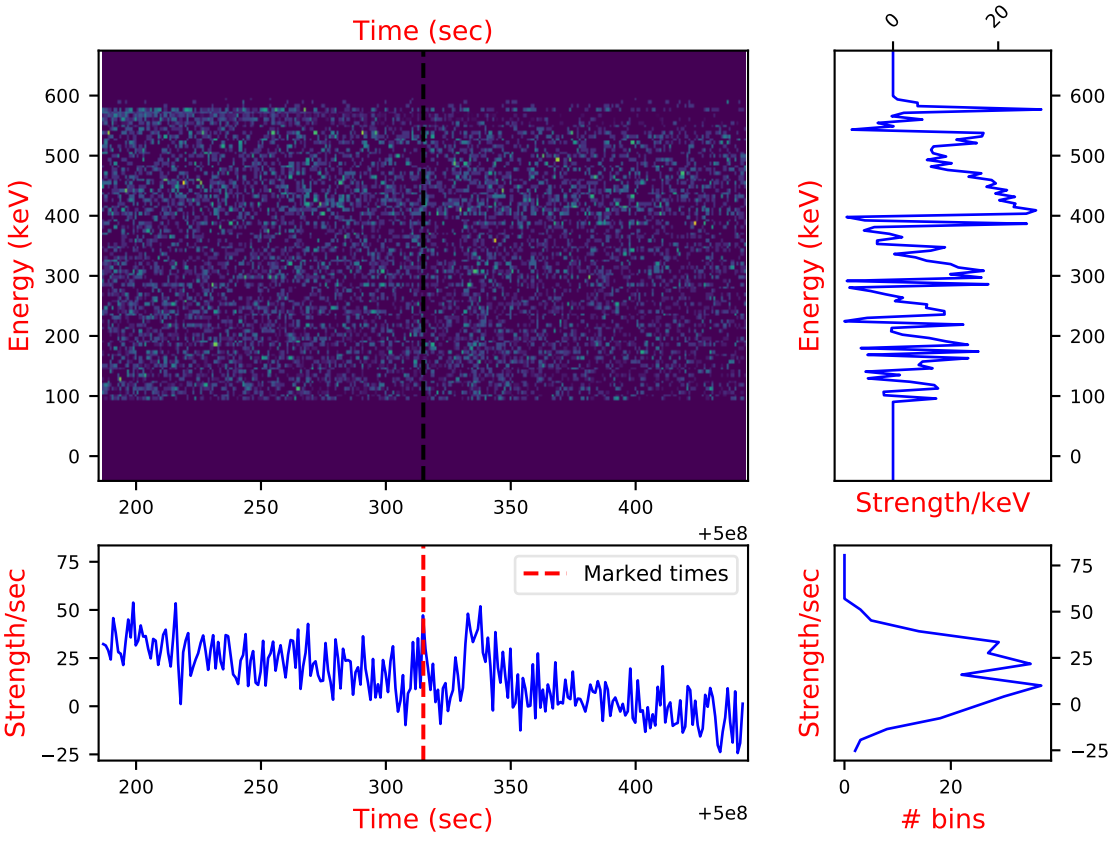

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
0
100
200
Energy (keV)
Excess counts/keV
+5e8
Marked times
Excess counts/sec
200
100
0
−100
200
250
300
350
400
Time (sec)
+5e8
Excess counts/sec
200
100
0
−100
0
20
bins

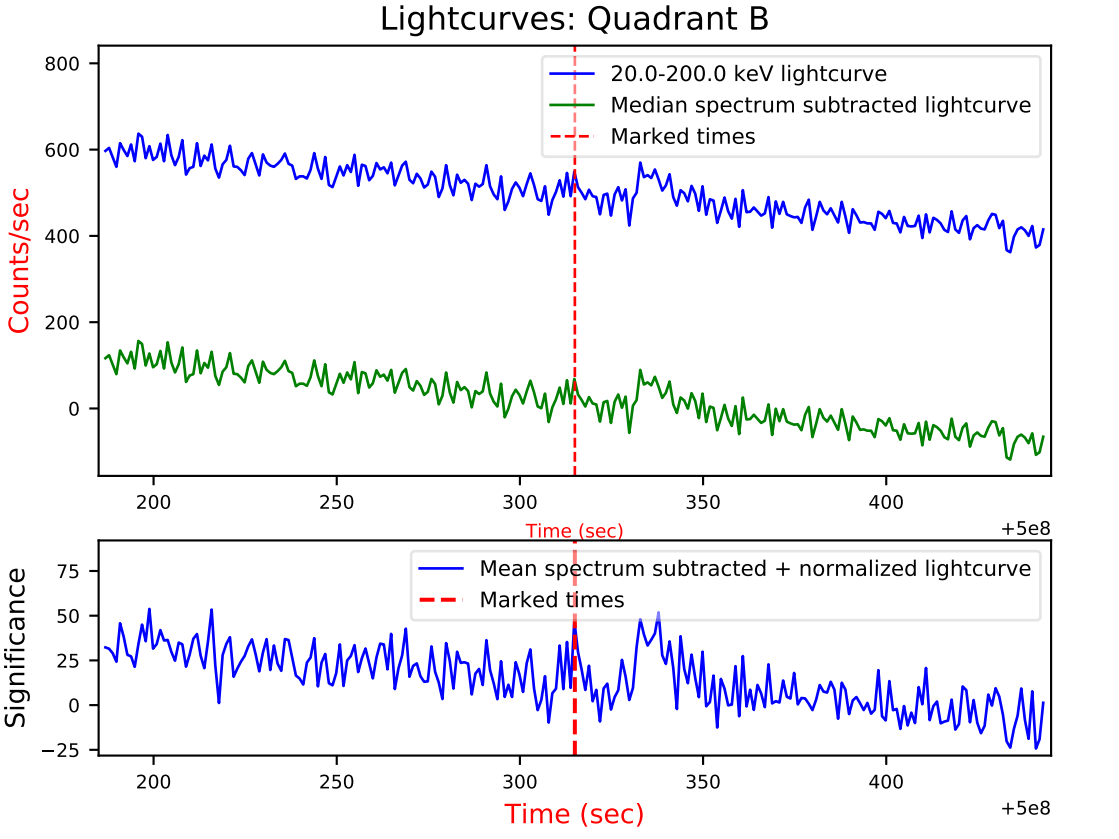

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
0
25
Energy (keV)
Strength/keV
+5e8
Marked times
Strength/sec
50
0
Time (sec)
+5e8
Strength/sec
100
50
0
0
20
40
bins

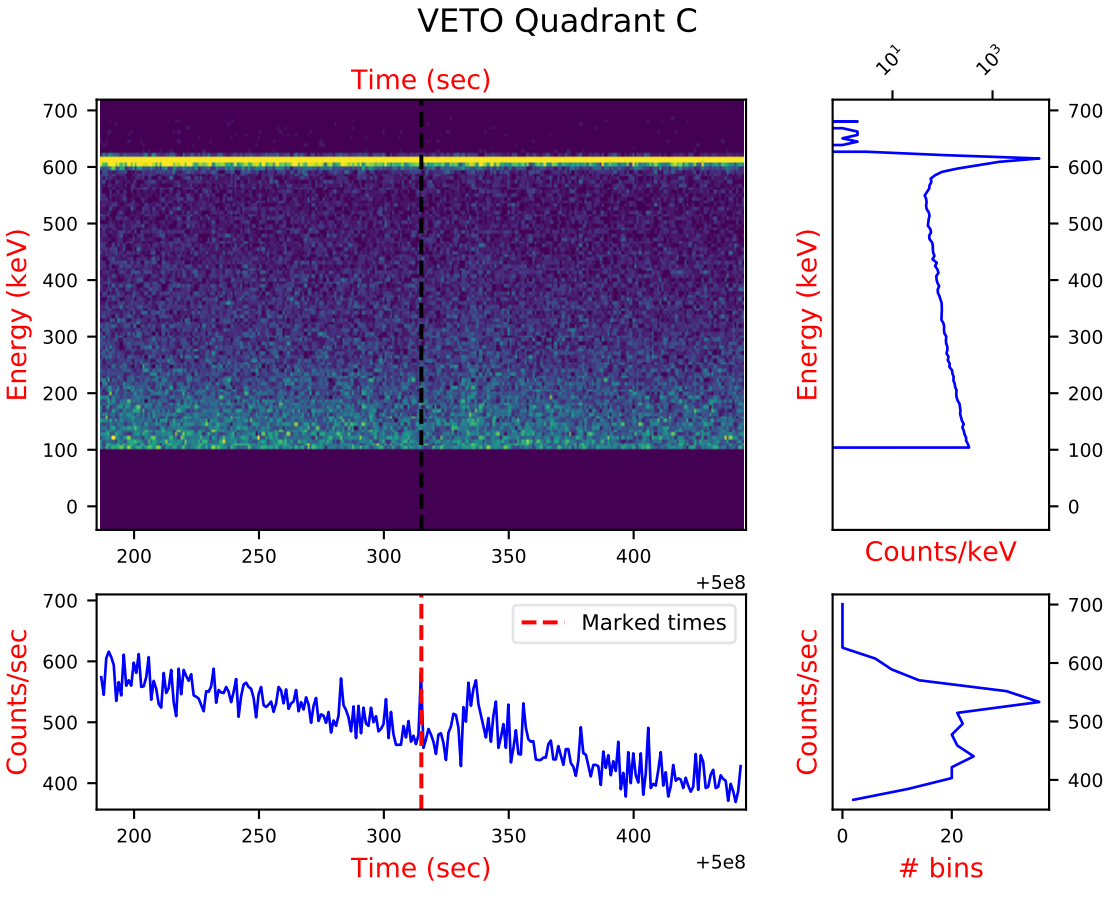

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
400
200
0
200
250
300
350
400
Time (sec)
+5e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
200
250
300
350
400
Time (sec)
+5e8


VETO Quadrant B
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+5e8
bins

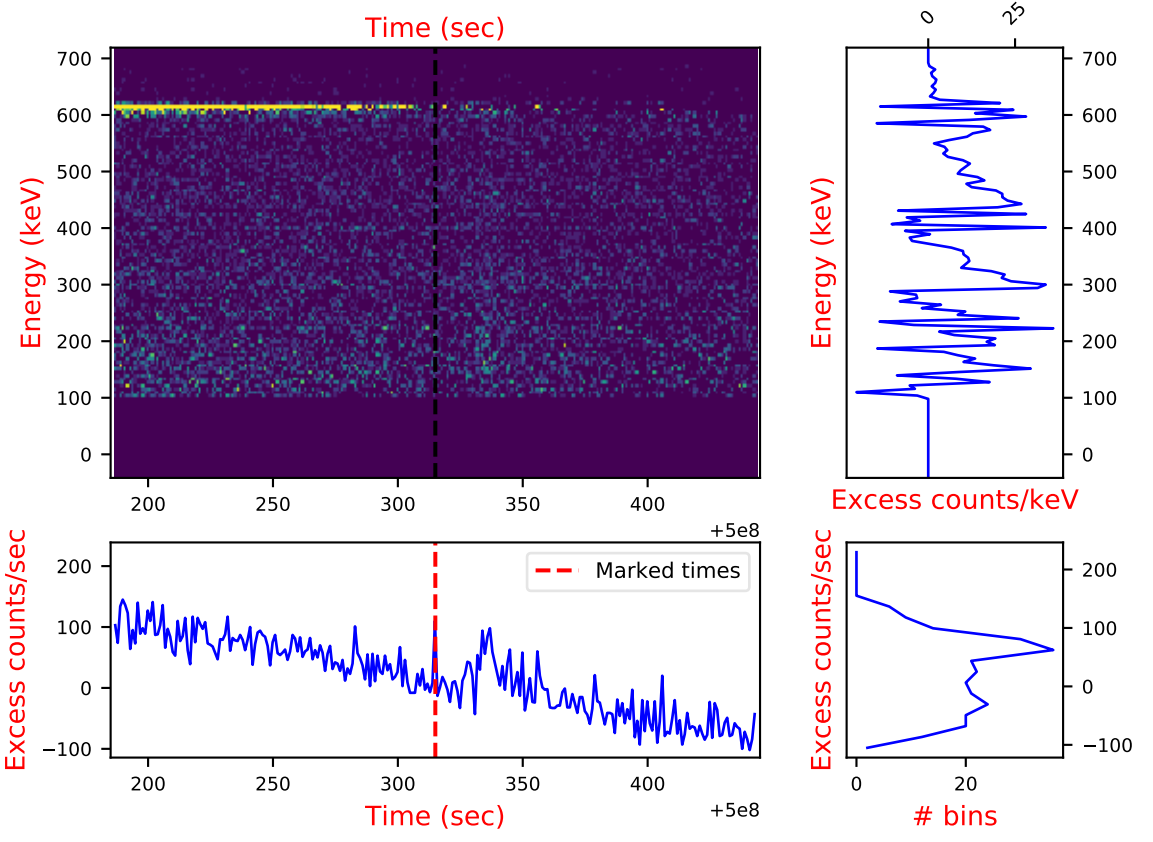

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
0
50
Energy (keV)
Excess counts/keV
+5e8
Marked times
Excess counts/sec
200
100
0
−100
Time (sec)
+5e8
Excess counts/sec
bins
20

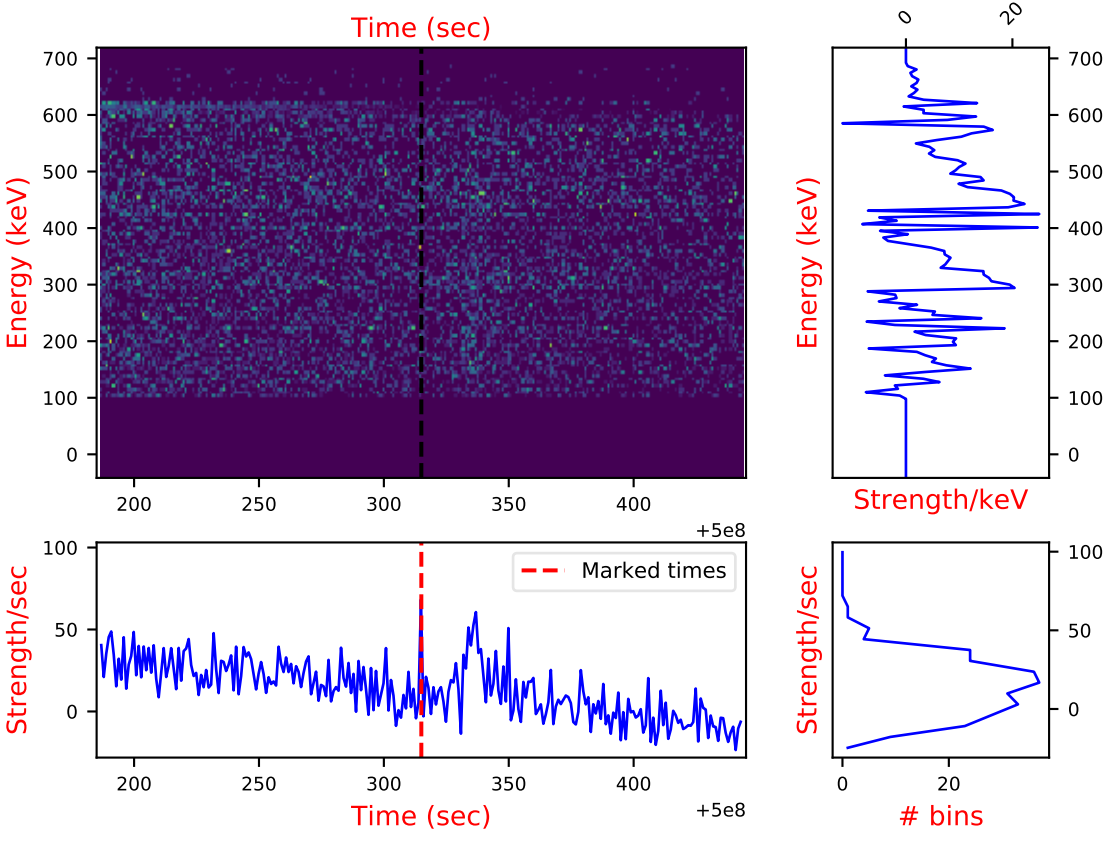

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
0
20
Energy (keV)
Strength/keV
+5e8
Strength/sec
75
50
25
0
−25
Marked times
Time (sec)
+5e8
Strength/sec
bins

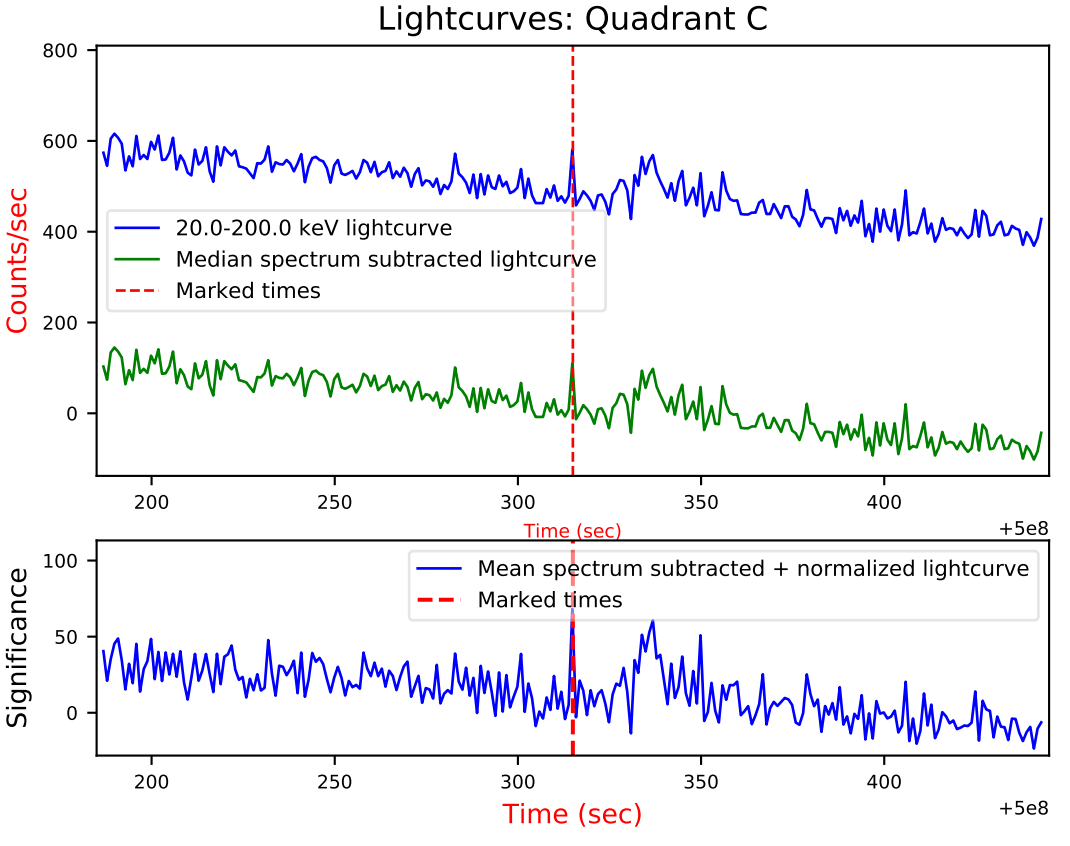

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
200
250
300
350
400
Time (sec)
+5e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
75
50
25
0
−25
200
250
300
350
400
Time (sec)
+5e8

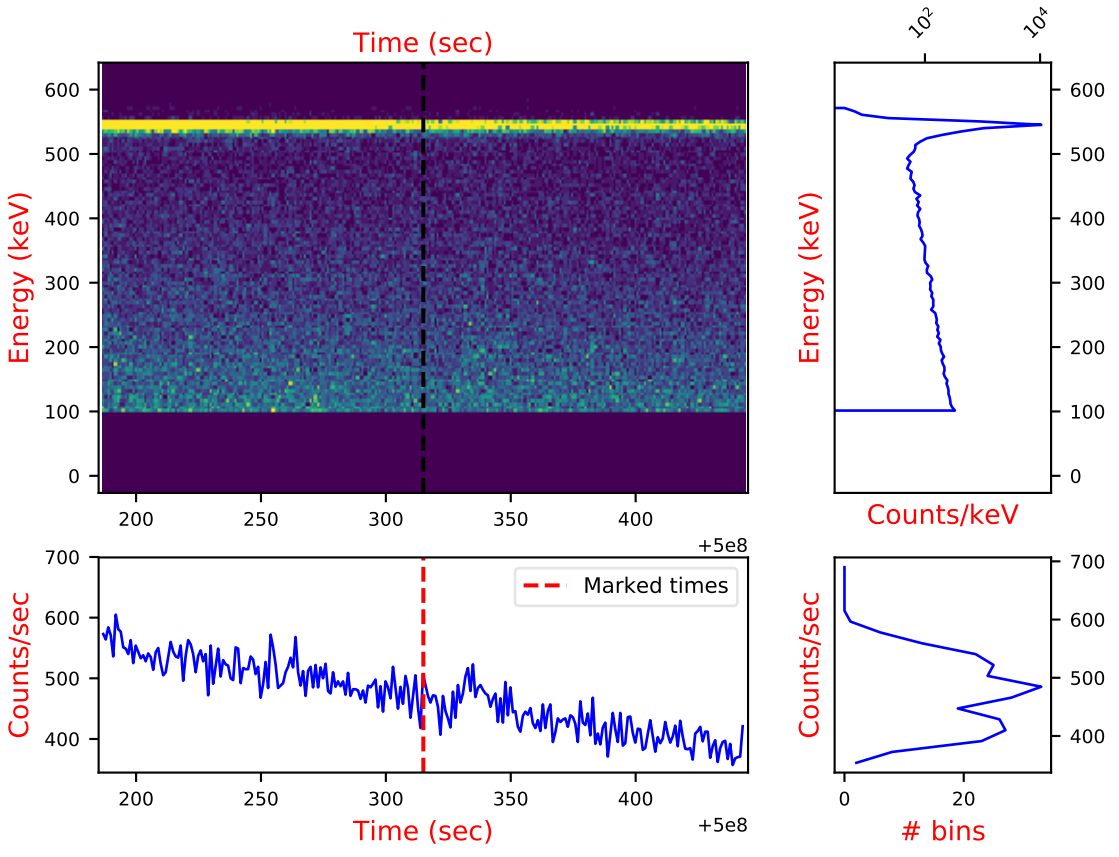


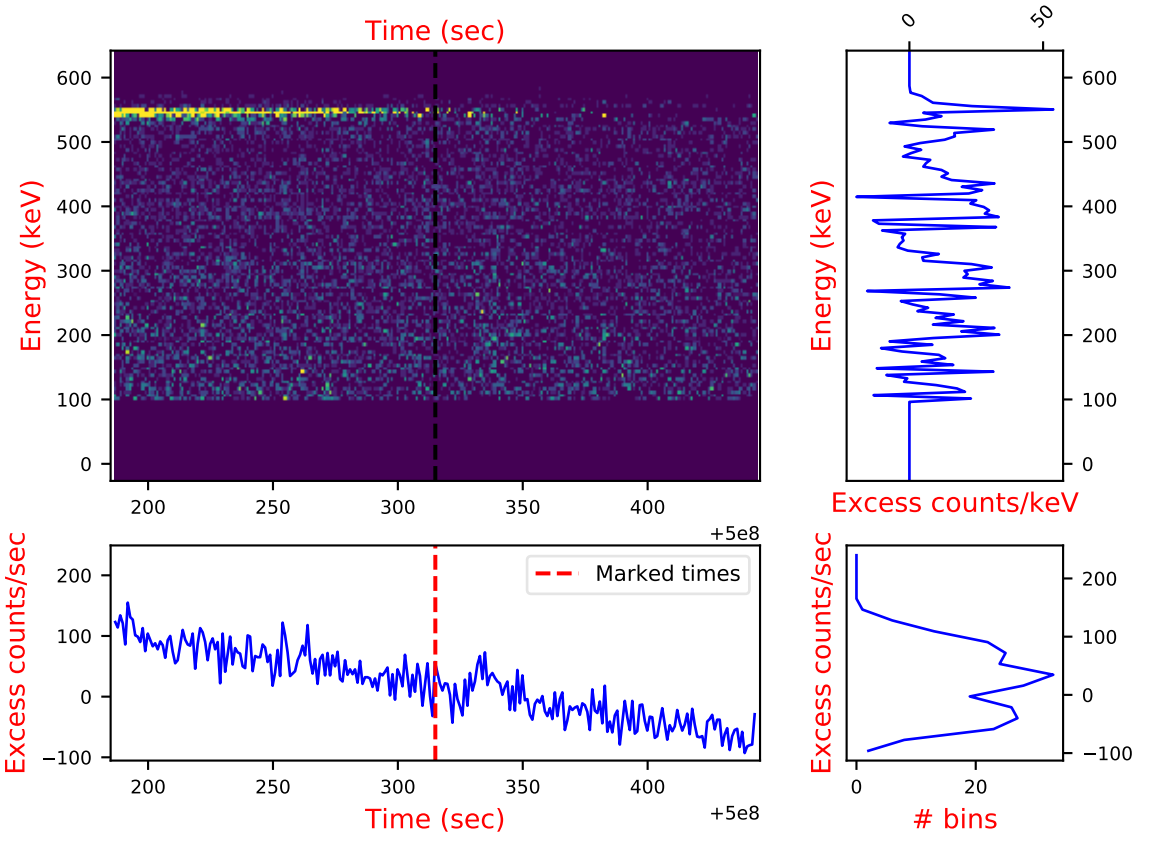
VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
200
250
300
350
400
+5e8
Counts/keV
10^1
10^3
Counts/sec
Marked times
Time (sec)
bins
0
20

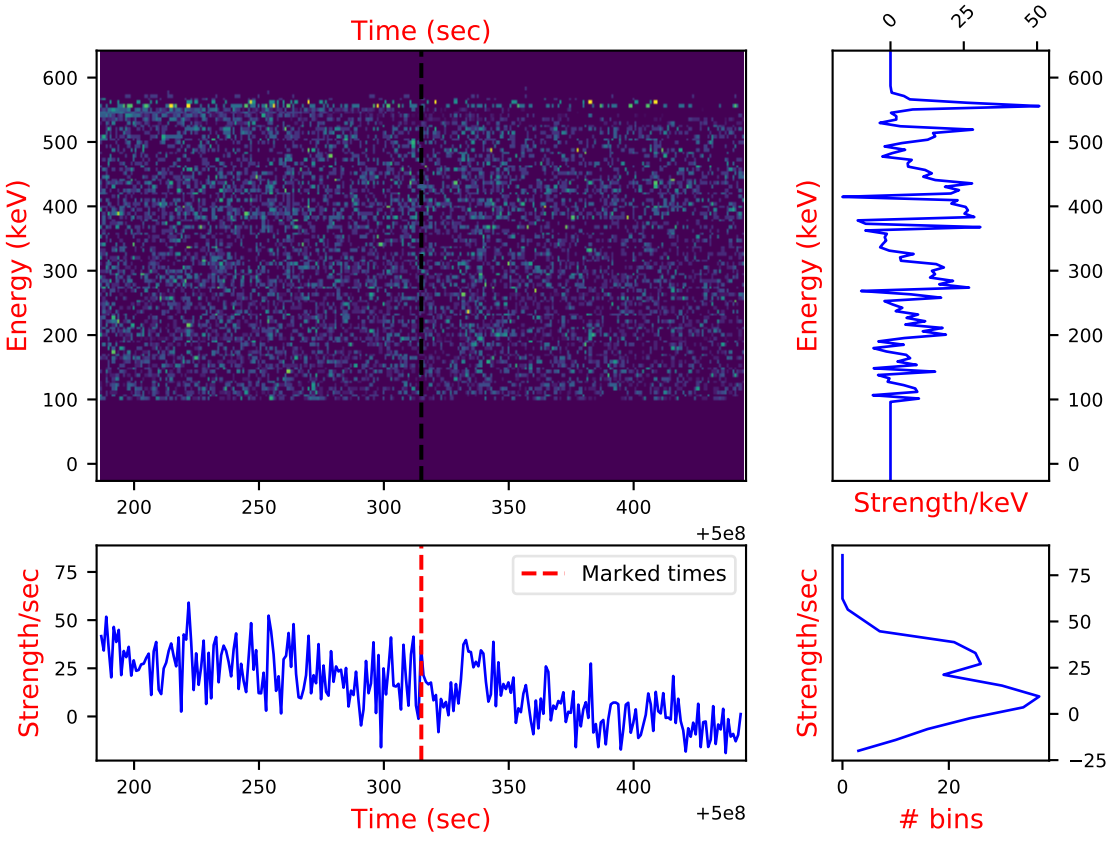

VETO Quadrant C
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+5e8
bins

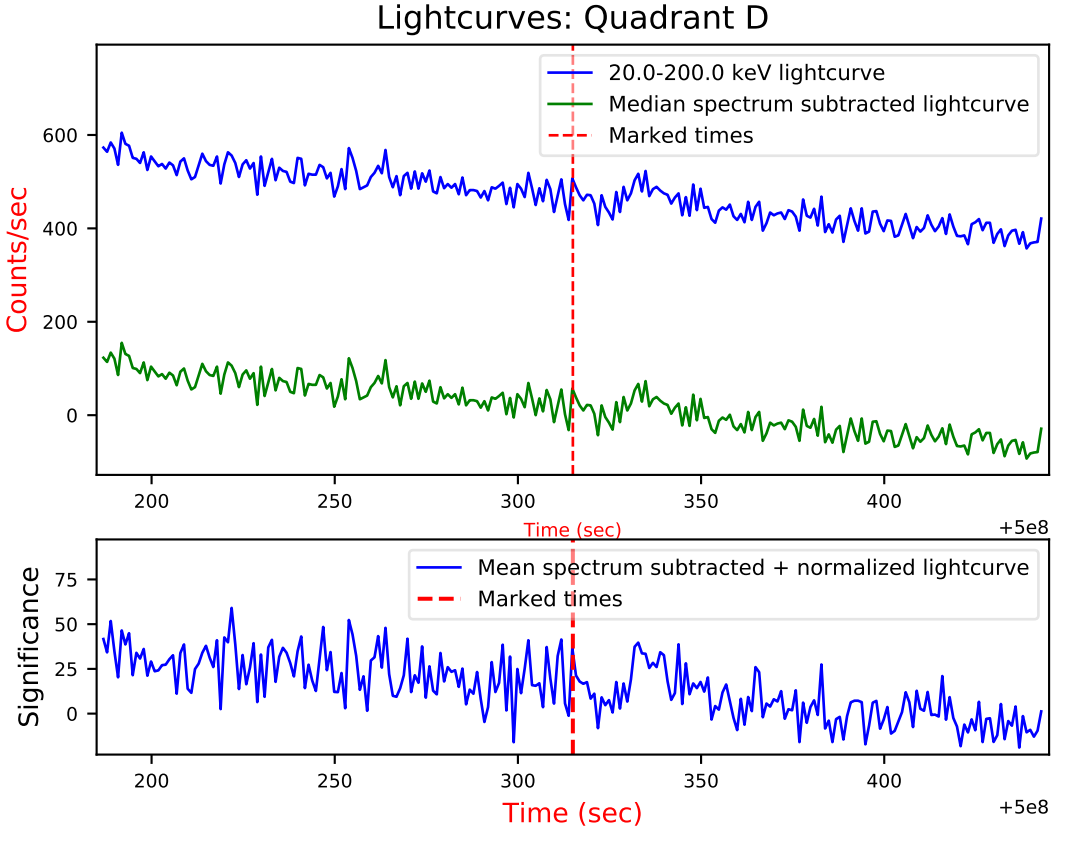

VETO Quadrant C
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
+5e8
bins


Lightcurves: Quadrant C
Counts/sec
800
600
400
200
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
200
250
300
350
400
Time (sec)
+5e8
Significance
100
50
0
Mean spectrum subtracted + normalized lightcurve
Marked times
200
250
300
350
400
Time (sec)
+5e8


VETO Quadrant D
Time (sec)
Energy (keV)
Counts/keV
Counts/sec
Marked times
+5e8
bins


VETO Quadrant D
Time (sec)
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
+5e8
bins


VETO Quadrant D
Time (sec)
Energy (keV)
Strength/keV
Strength/sec
Marked times
+5e8
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
400
200
0
200
250
300
350
400
Time (sec)
+5e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
75
50
25
0
200
250
300
350
400
Time (sec)
+5e8