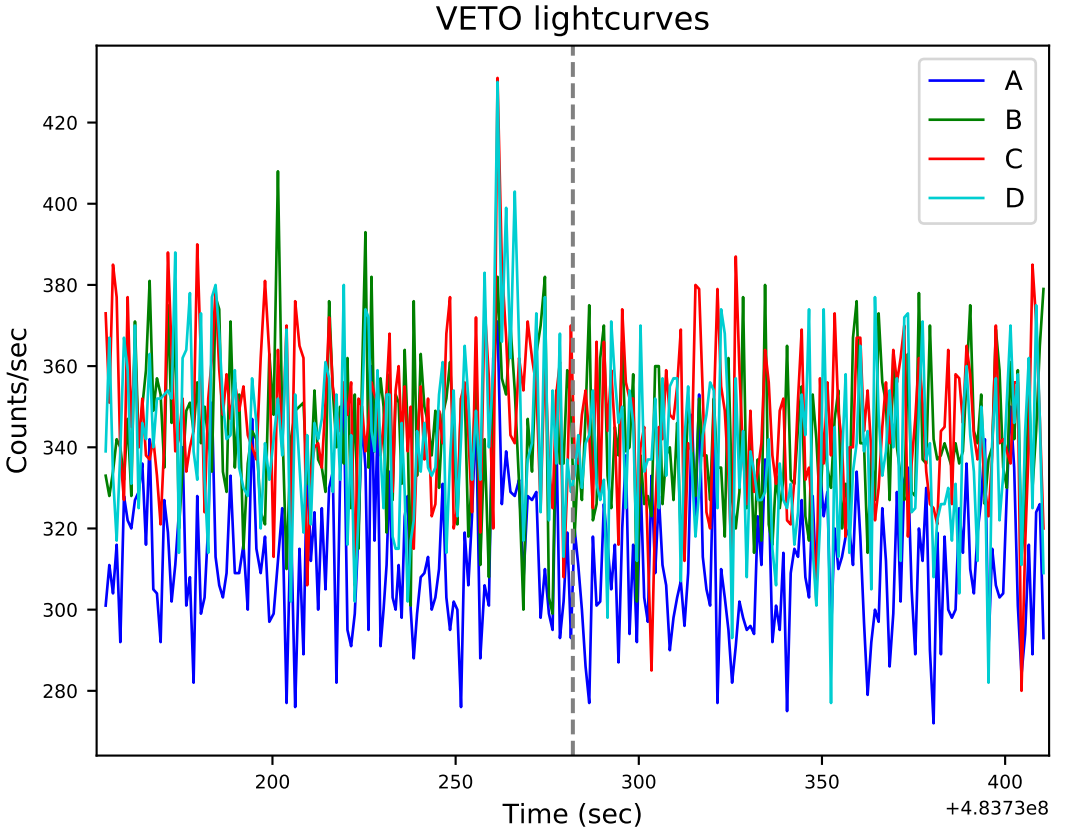
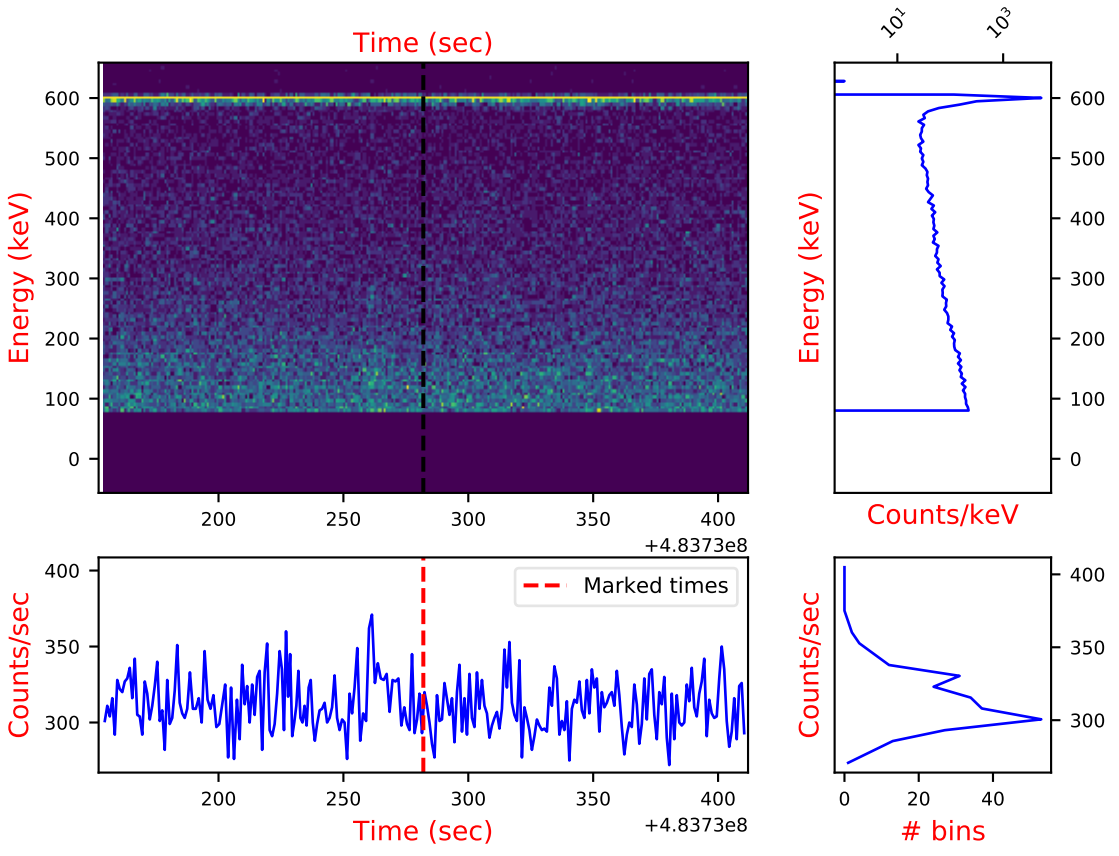
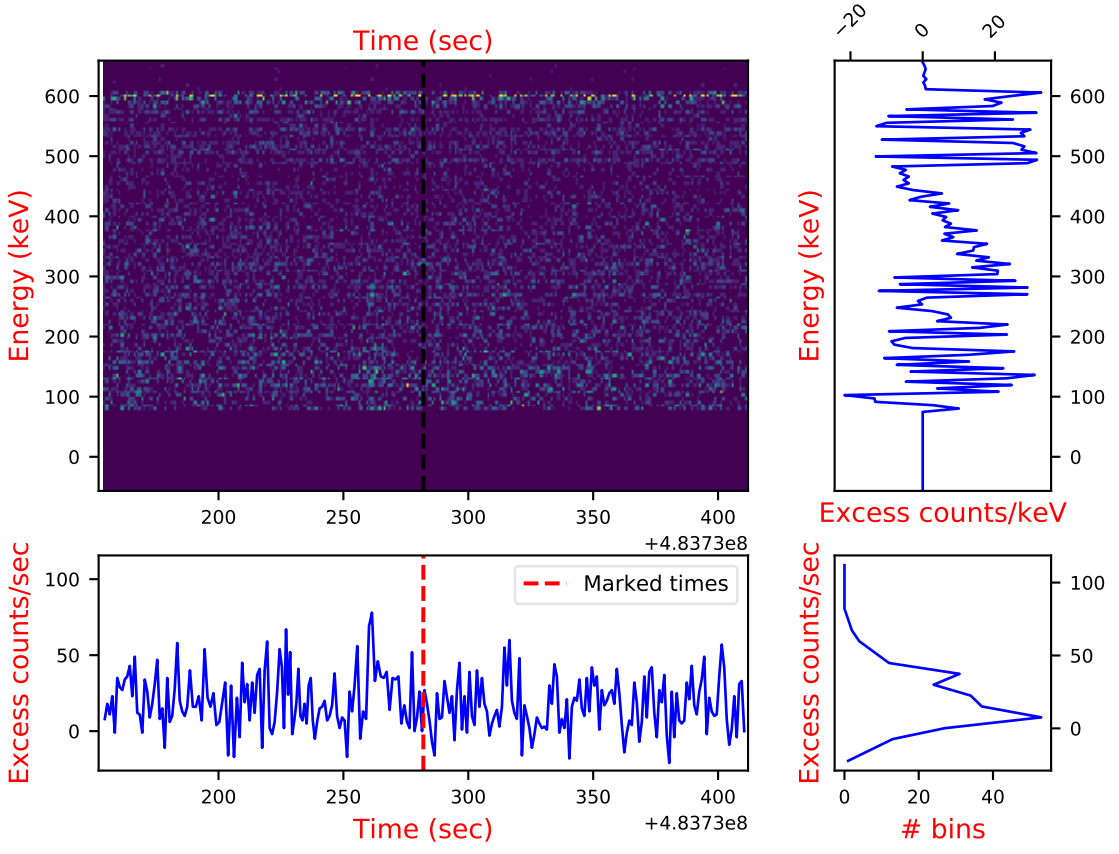
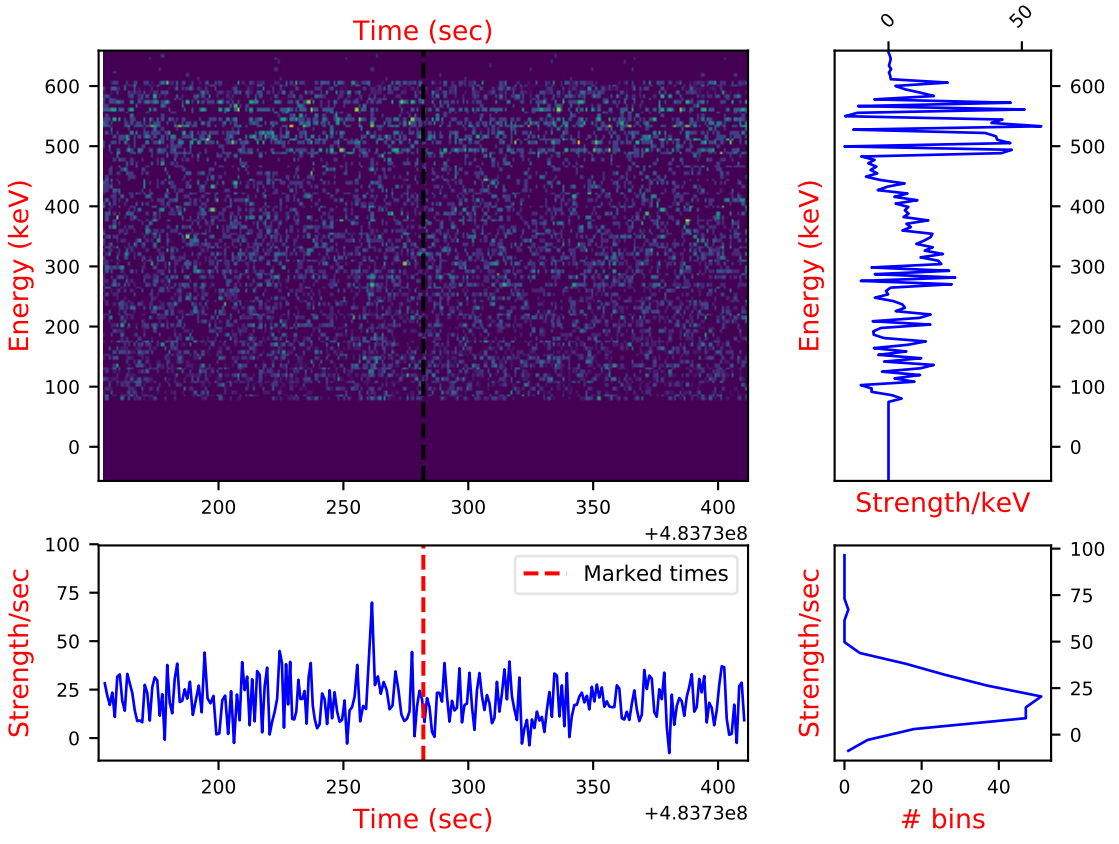
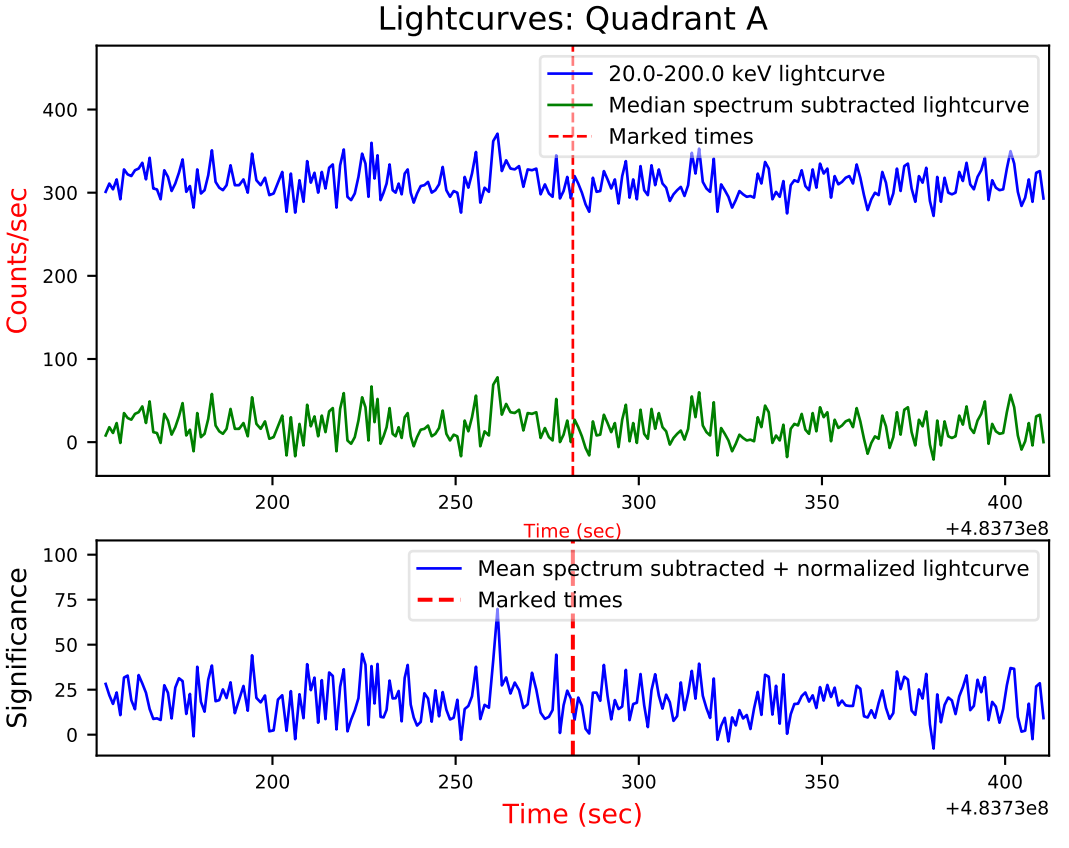
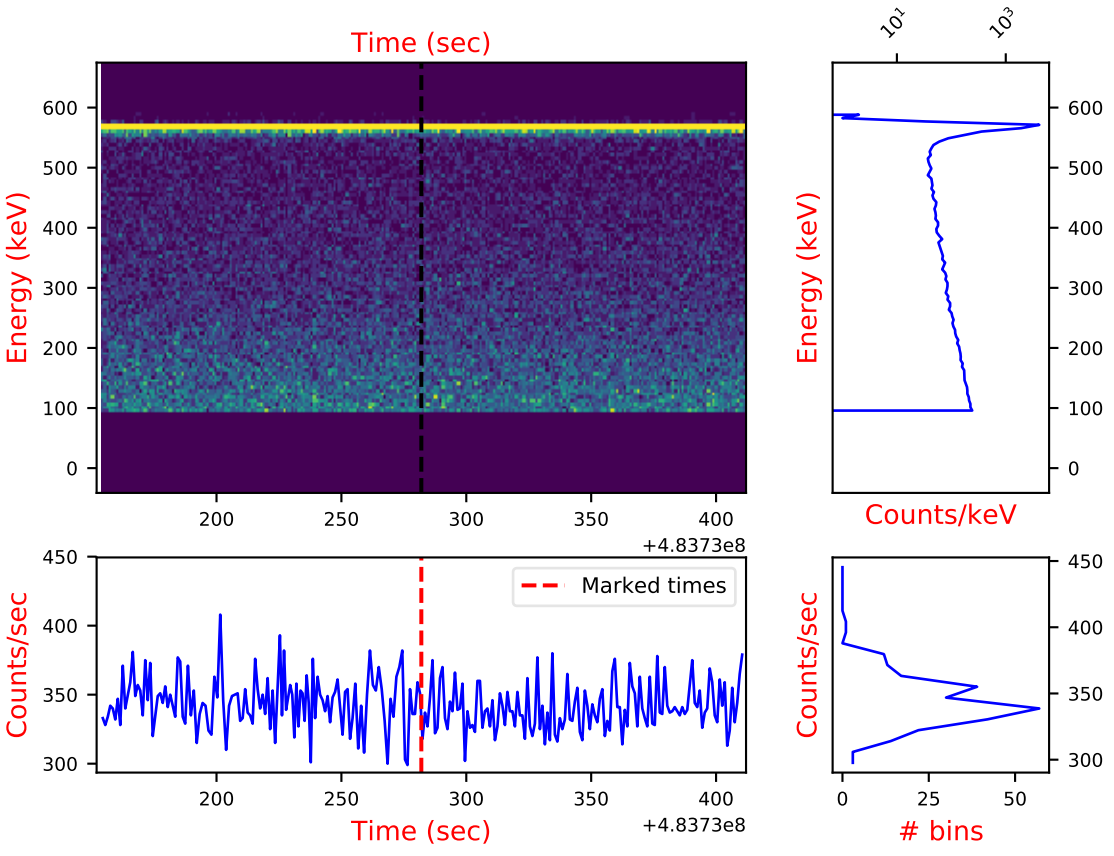

VETO lightcurves
A
B
C
D
420
400
380
360
340
320
300
280
Counts/sec
200
250
300
350
400
Time (sec)
+4.8373e8

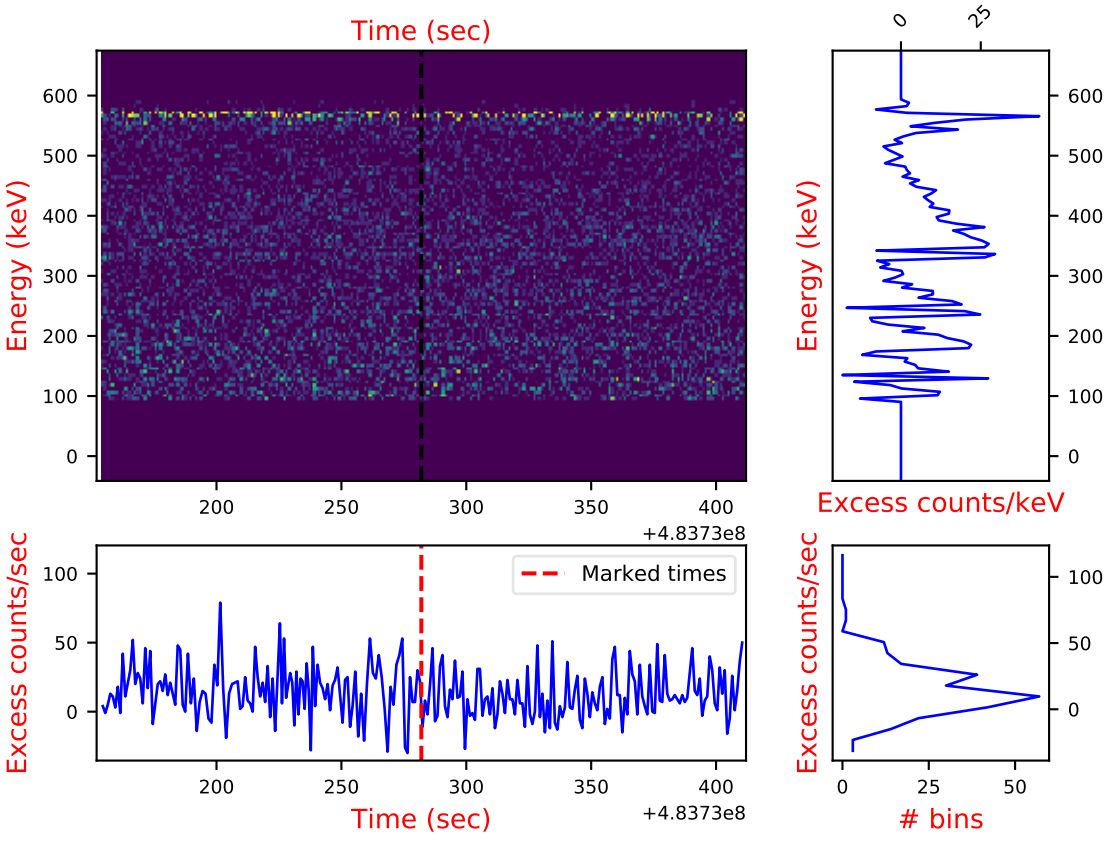

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
Counts/sec
Time (sec)
+4.8373e8
bins
0
20
40

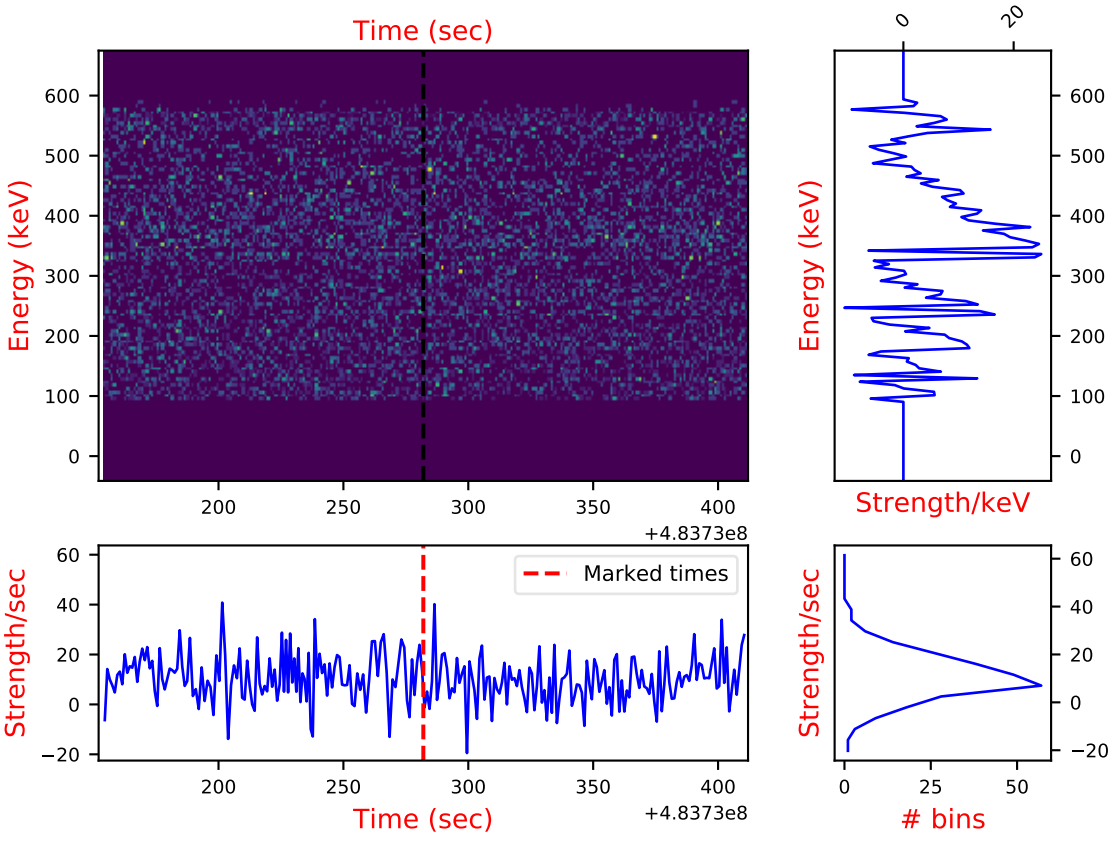

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
−20
0
20
Energy (keV)
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
200
250
300
350
400
+4.8373e8
Time (sec)
Excess counts/sec
0
20
40
bins

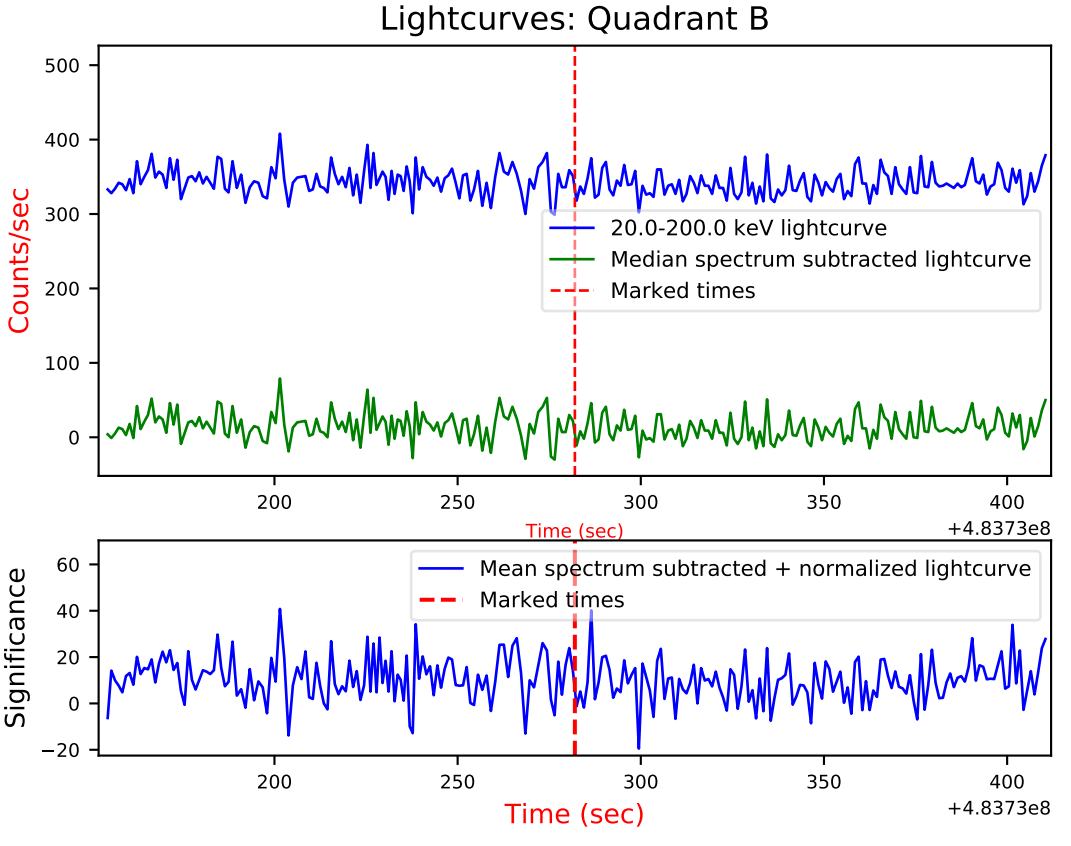

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
0
50
Energy (keV)
Strength/keV
Strength/sec
100
75
50
25
0
Marked times
Time (sec)
+4.8373e8
bins
20
40

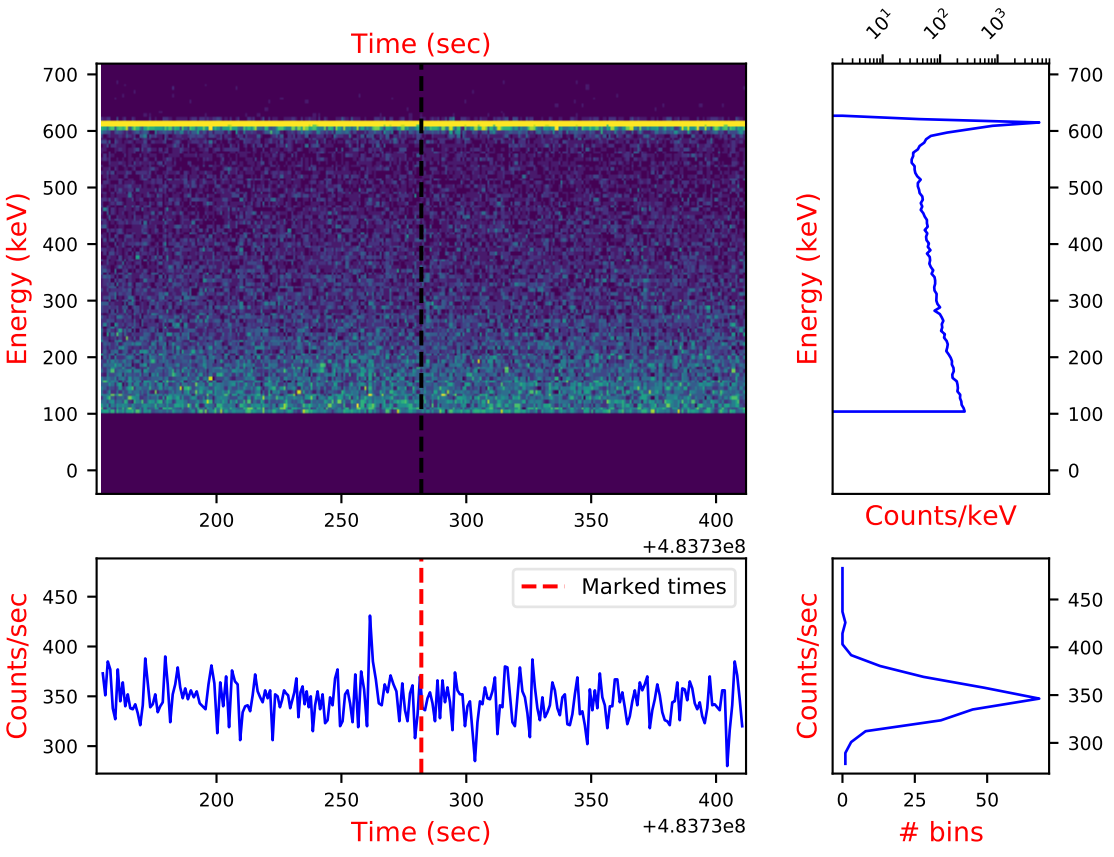

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
400
300
200
100
0
200
250
300
350
400
Time (sec)
+4.8373e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
75
50
25
0
200
250
300
350
400
Time (sec)
+4.8373e8

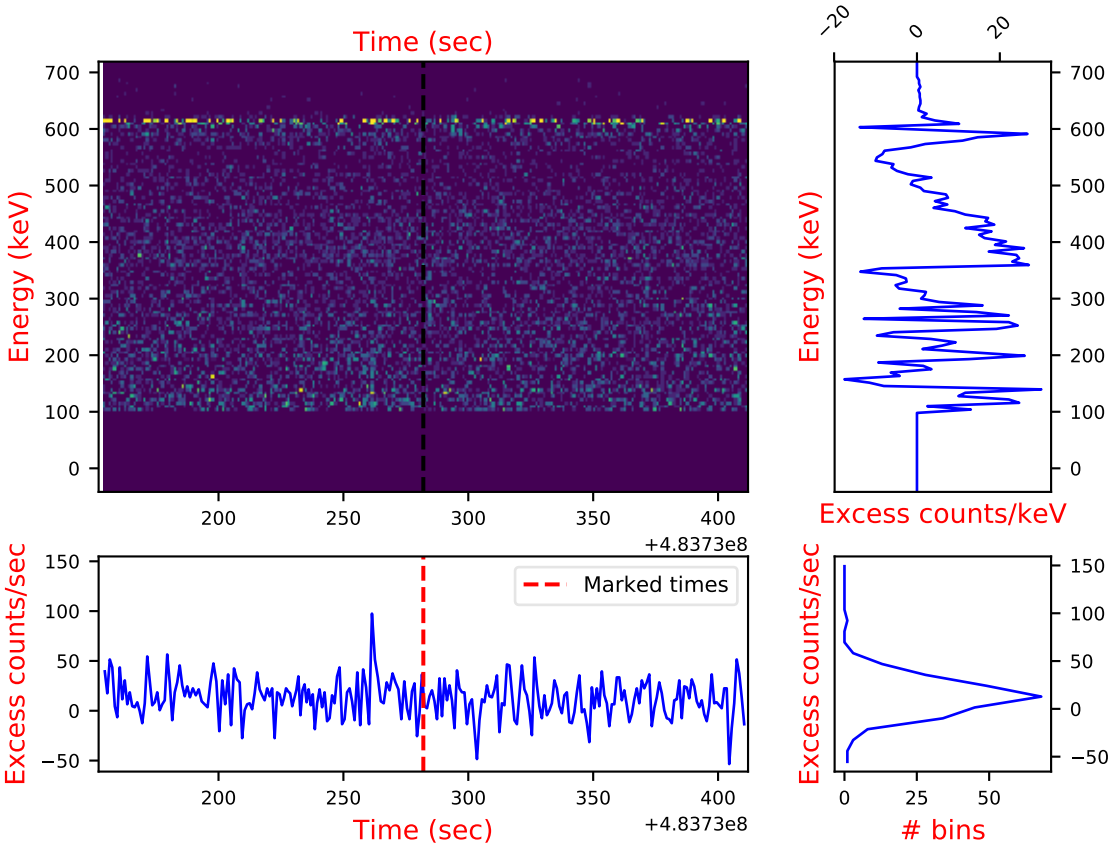

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
450
400
350
300
Marked times
Time (sec)
+4.8373e8
Counts/sec
0
25
50
bins

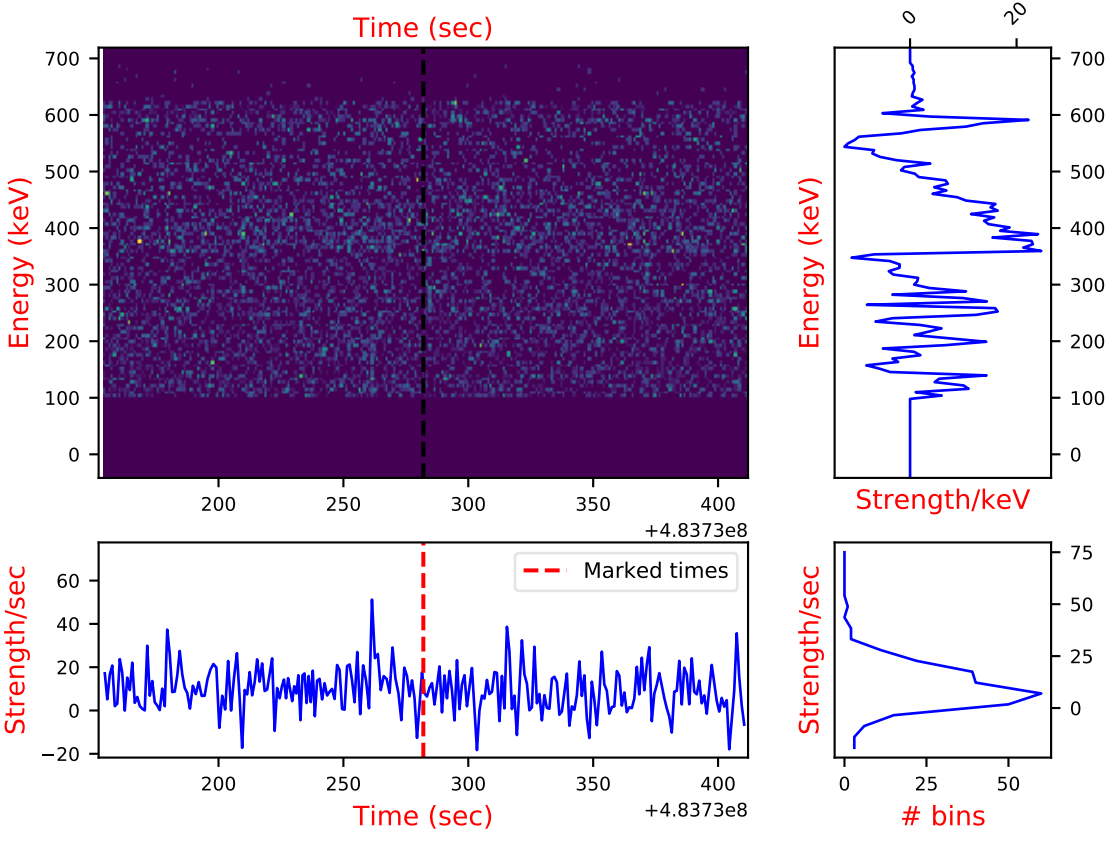

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
0
25
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
bins

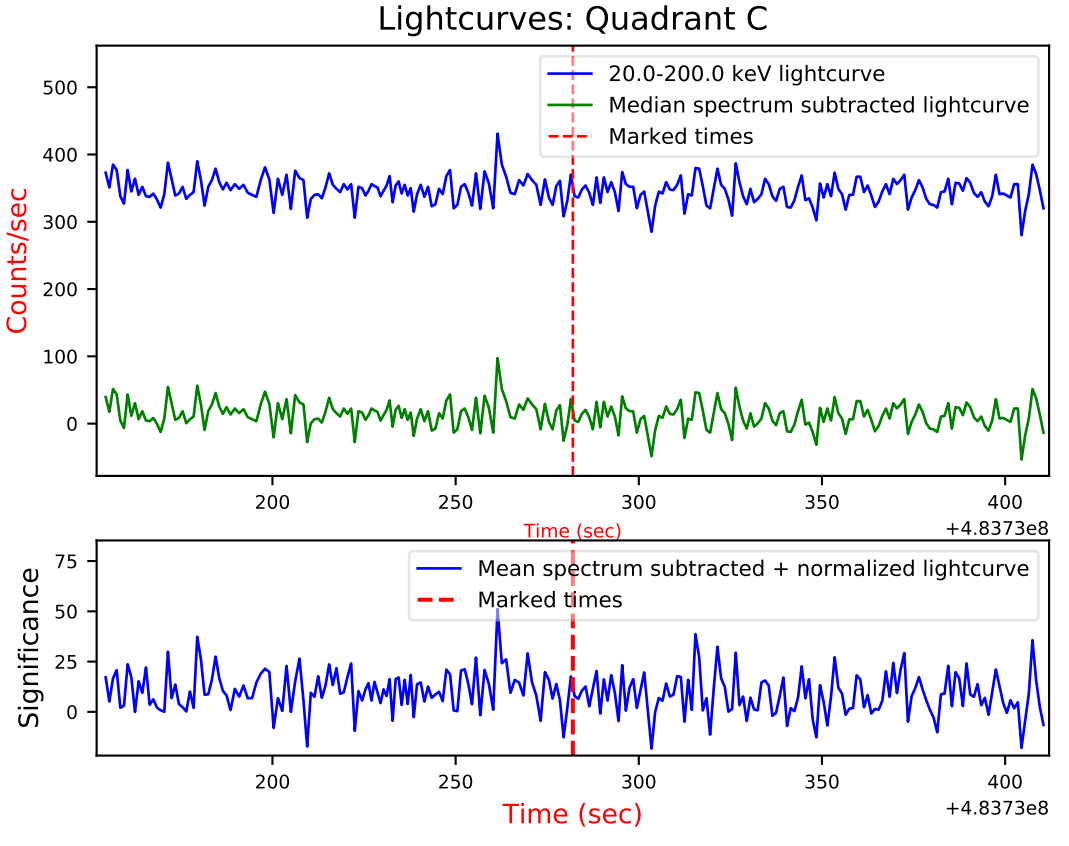

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
0
20
Energy (keV)
Strength/keV
Strength/sec
60
40
20
0
−20
Marked times
Time (sec)
+4.8373e8
Strength/sec
bins
25
50

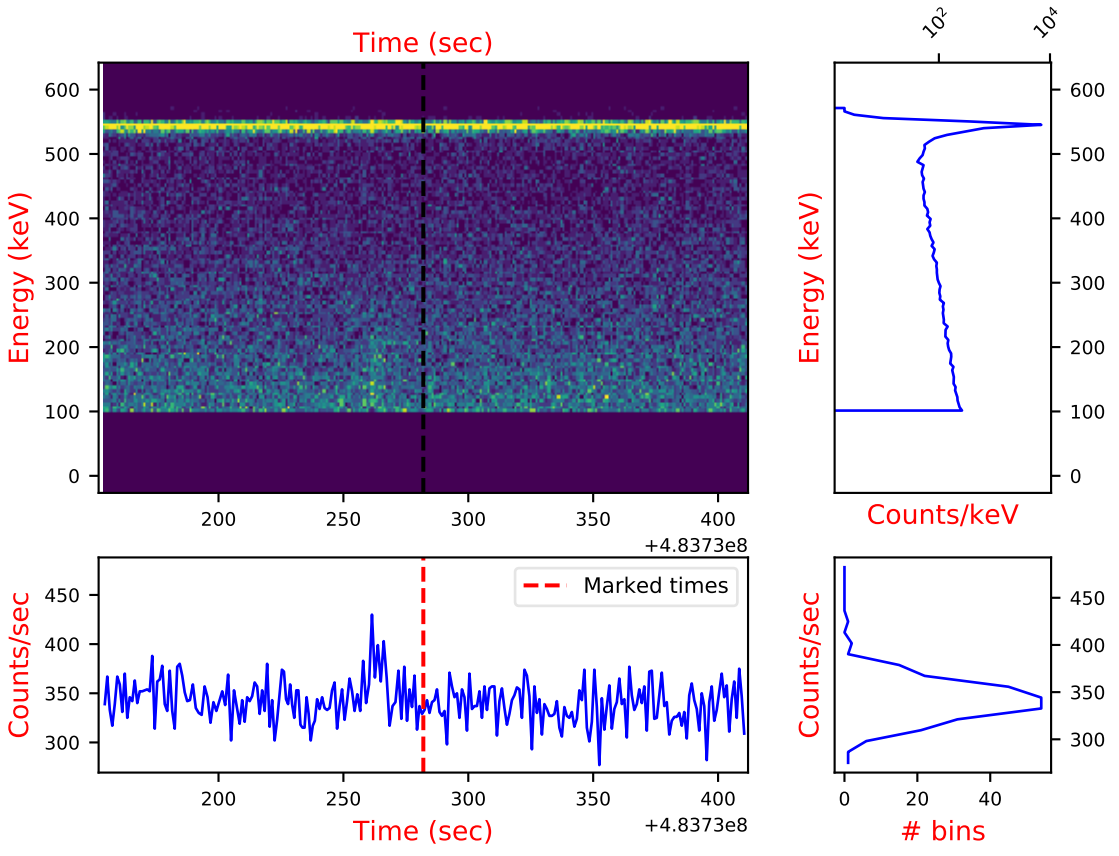

Lightcurves: Quadrant B
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
200
250
300
350
400
Time (sec)
+4.8373e8
Significance
60
40
20
0
−20
Mean spectrum subtracted + normalized lightcurve
Marked times
200
250
300
350
400
Time (sec)
+4.8373e8

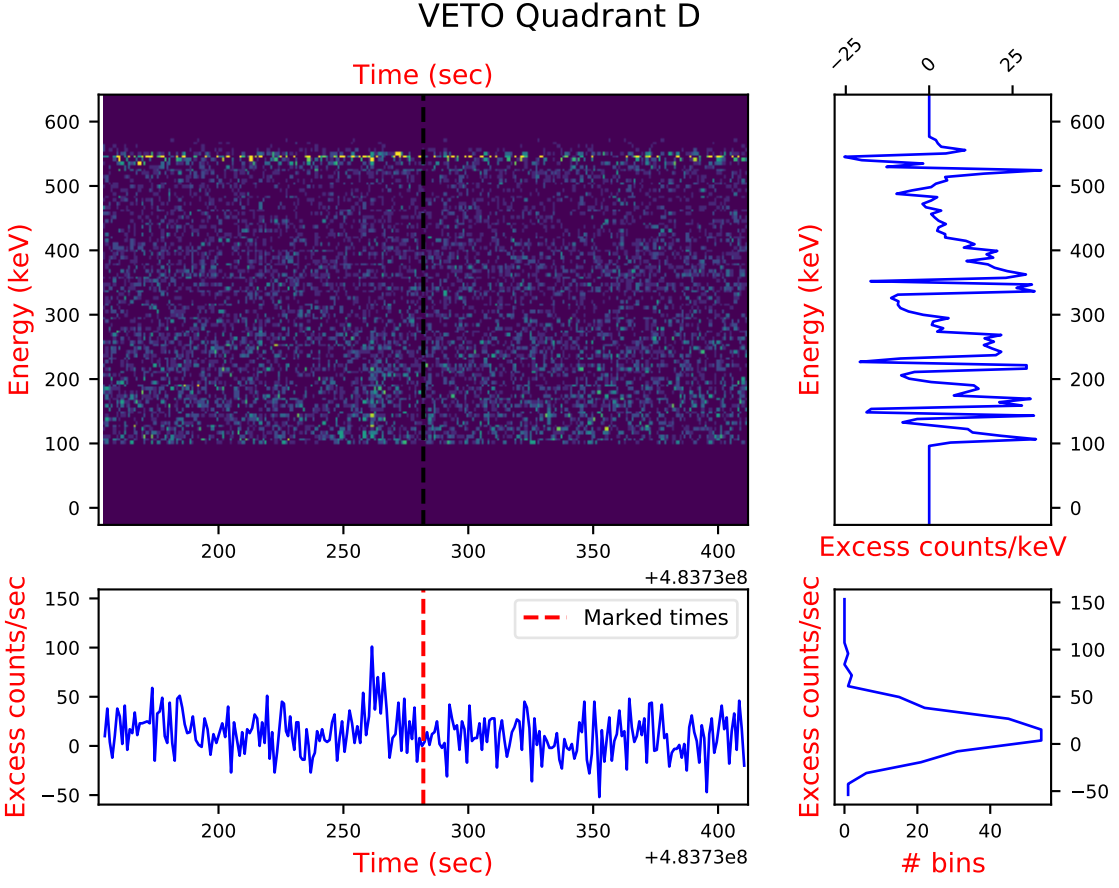

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
10^1
10^2
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
450
400
350
300
Time (sec)
+4.8373e8
Counts/sec
0
25
50
bins

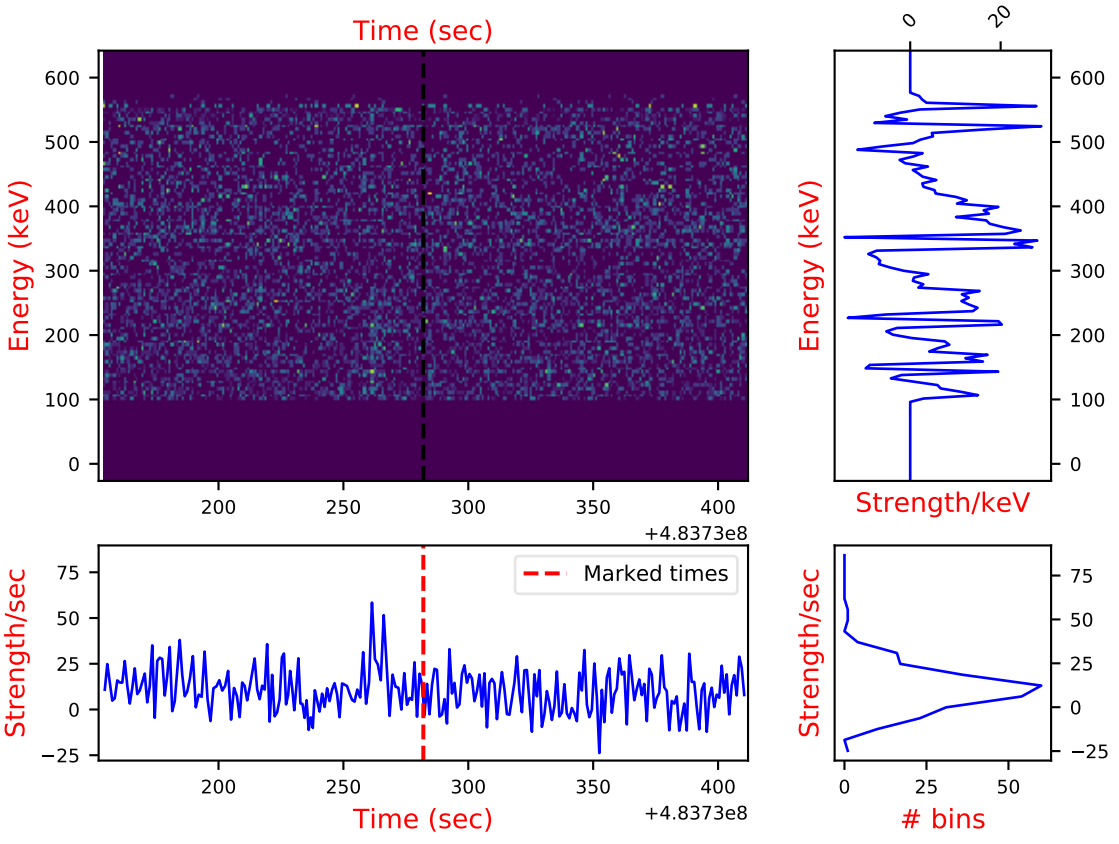

VETO Quadrant C
Time (sec)
Energy (keV)
+4.8373e8
Marked times
Excess counts/sec
Time (sec)
+4.8373e8
Excess counts/keV
Excess counts/sec
bins

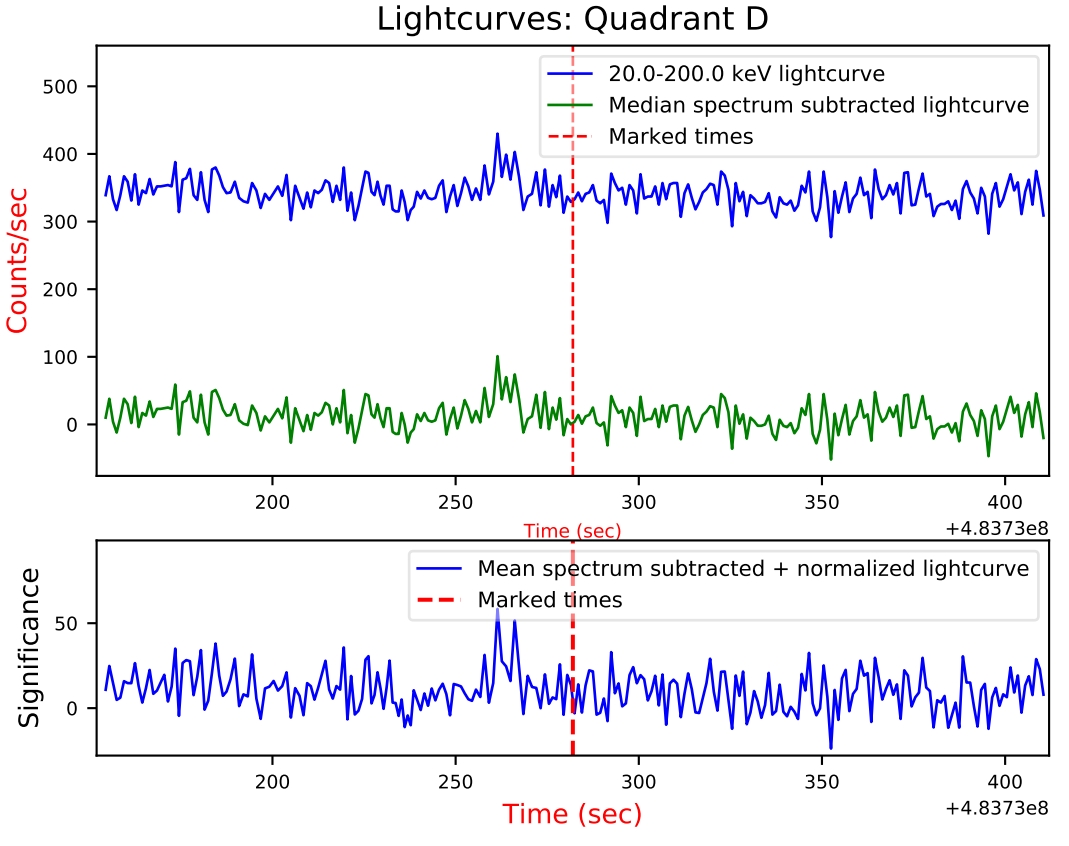

VETO Quadrant C
Time (sec)
Energy (keV)
+4.8373e8
Strength/keV
Marked times
Strength/sec
Time (sec)
+4.8373e8
Strength/sec
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
200
250
300
350
400
Time (sec)
+4.8373e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
75
50
25
0
200
250
300
350
400
Time (sec)
+4.8373e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
10^2
10^4
Counts/keV
Counts/sec
Marked times
450
400
350
300
Time (sec)
bins
0
20
40


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
−25
0
25
Energy (keV)
Excess counts/keV
Excess counts/sec
150
100
50
0
−50
Marked times
Time (sec)
+4.8373e8
Excess counts/sec
0
20
40
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
200
250
300
350
400
+4.8373e8
0
20
Energy (keV)
Strength/keV
Strength/sec
75
50
25
0
−25
Marked times
Time (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
200
250
300
350
400
Time (sec)
+4.8373e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
50
0
200
250
300
350
400
Time (sec)
+4.8373e8