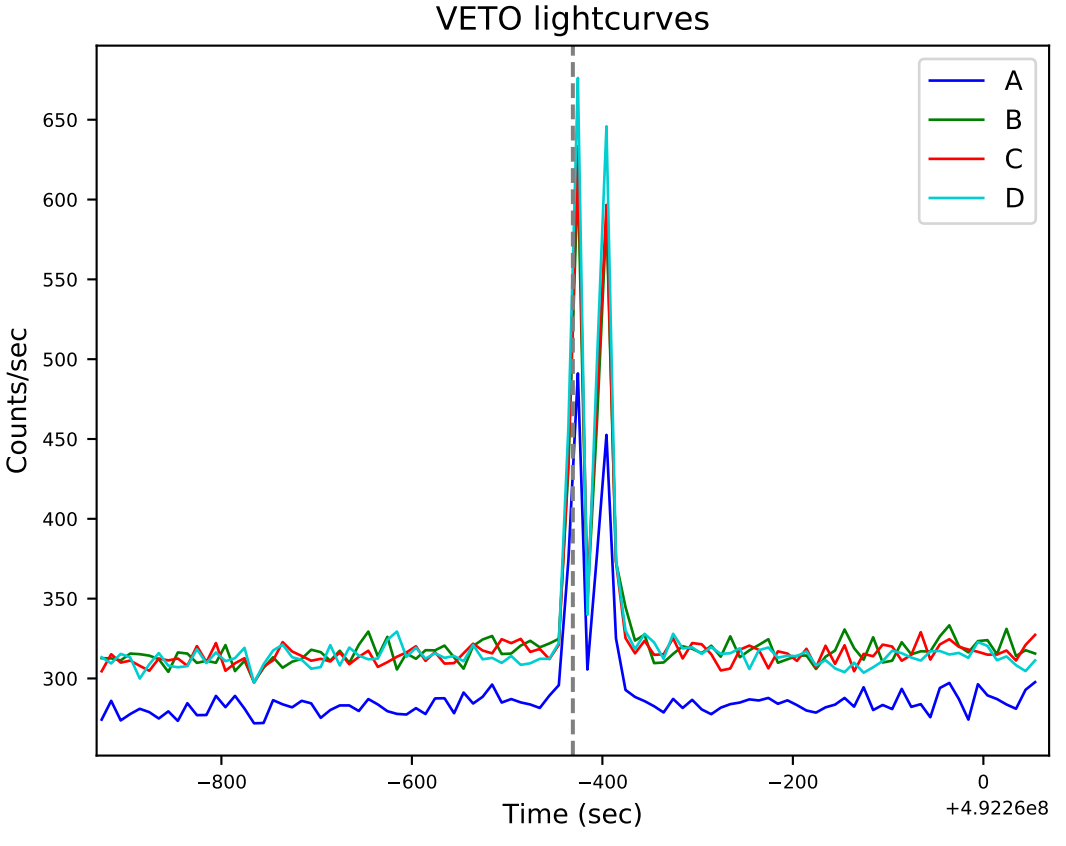
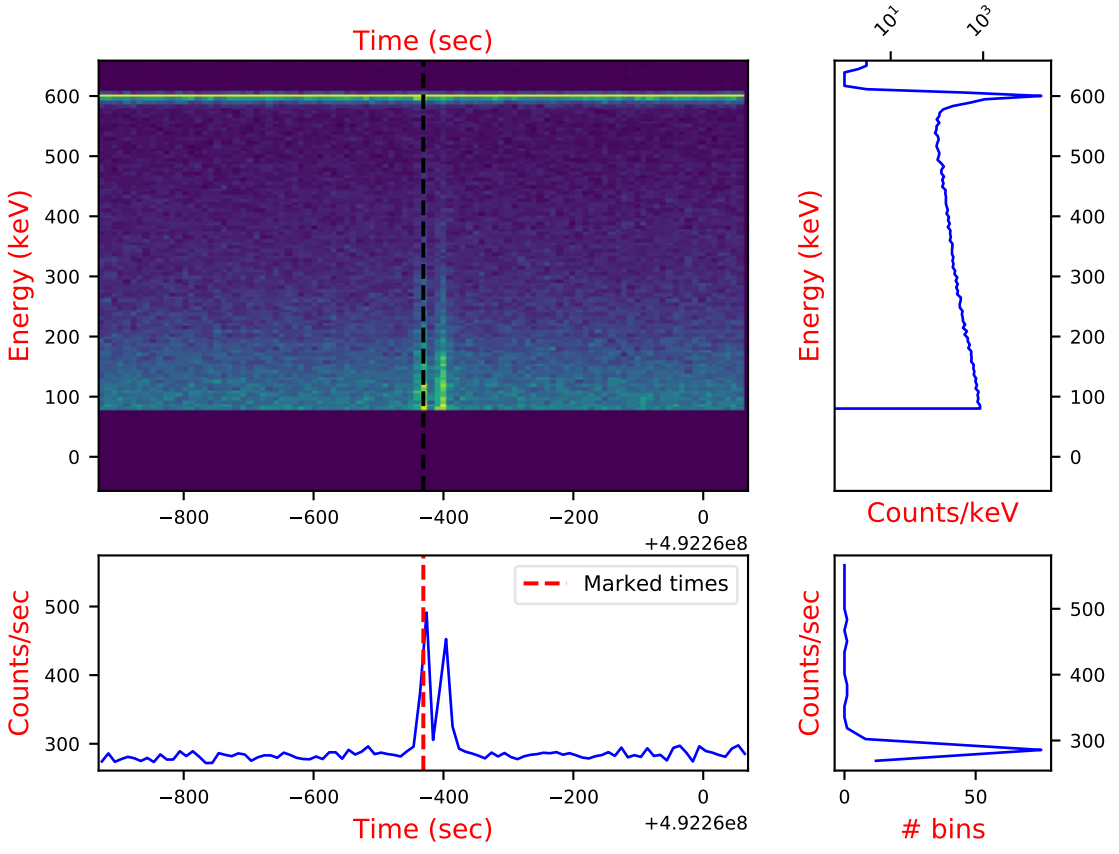
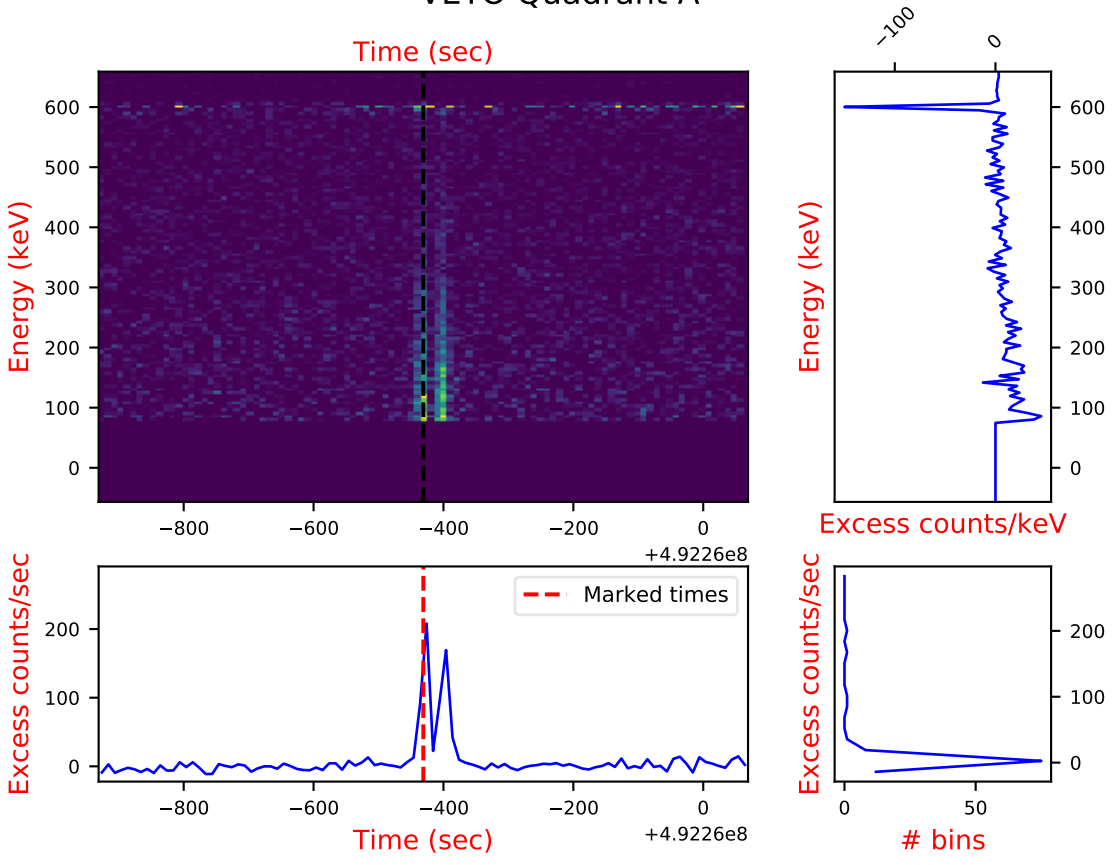
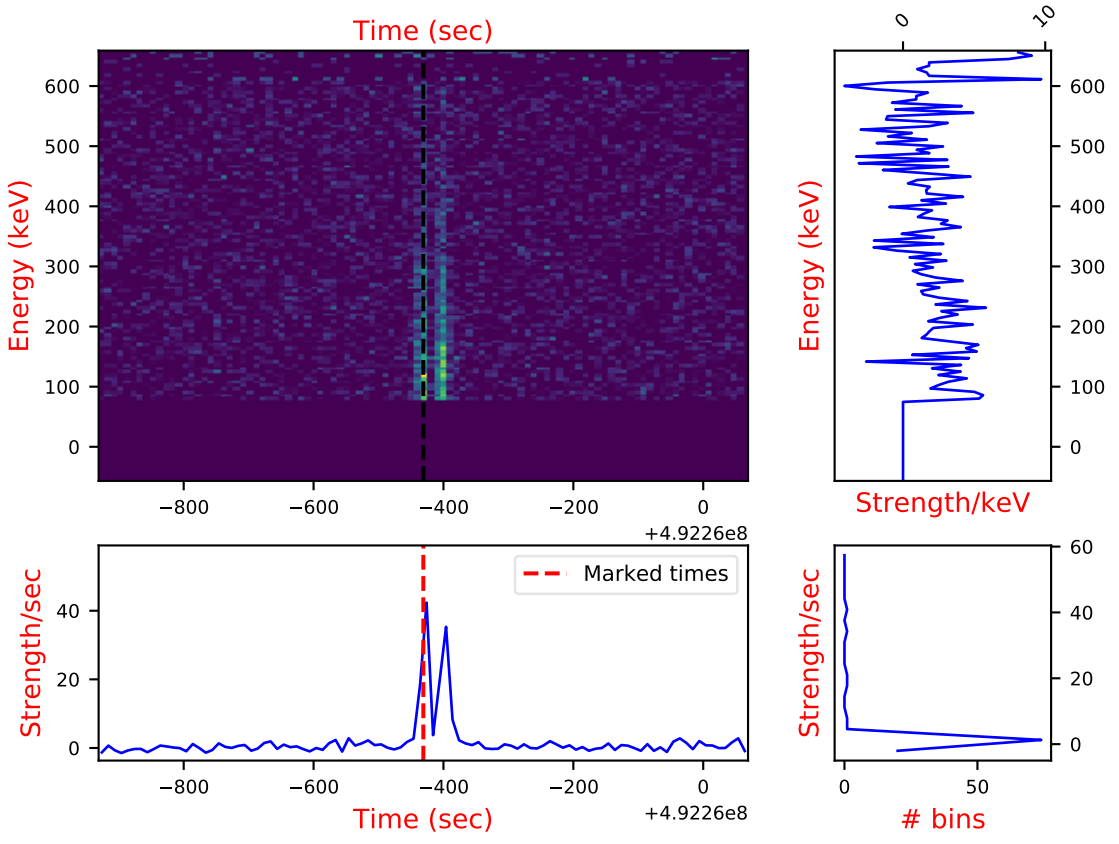
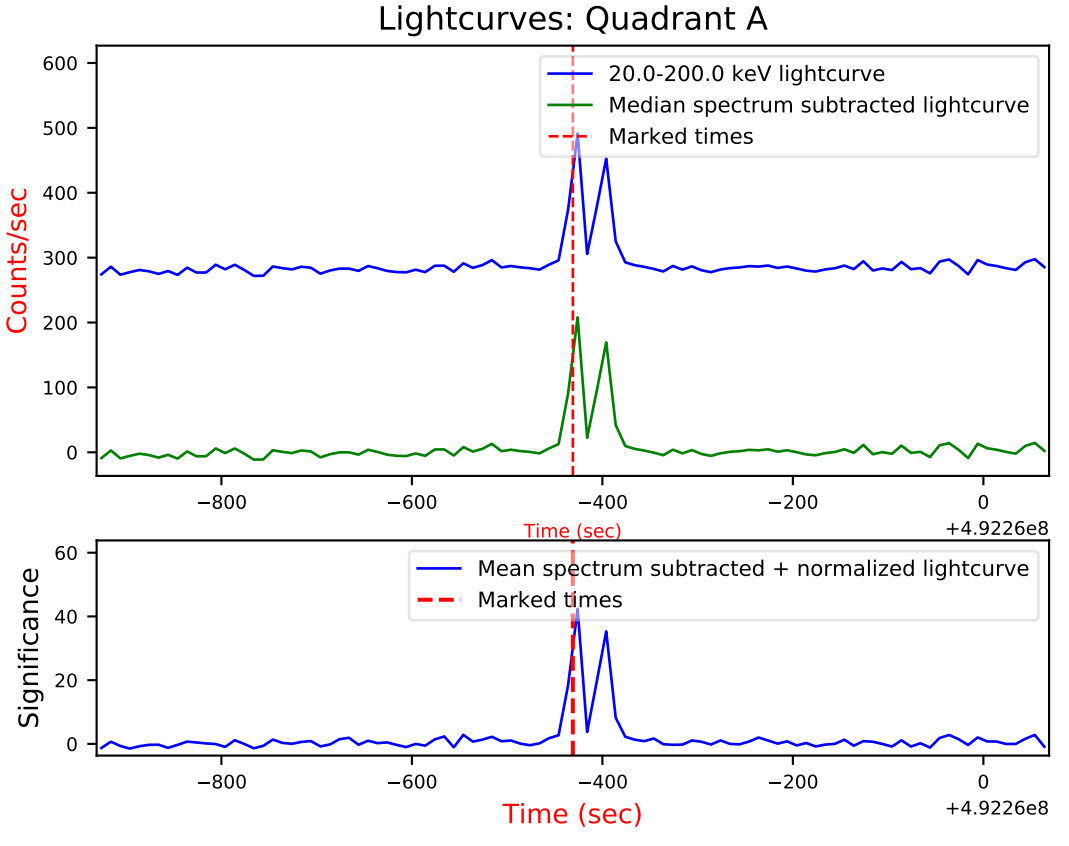
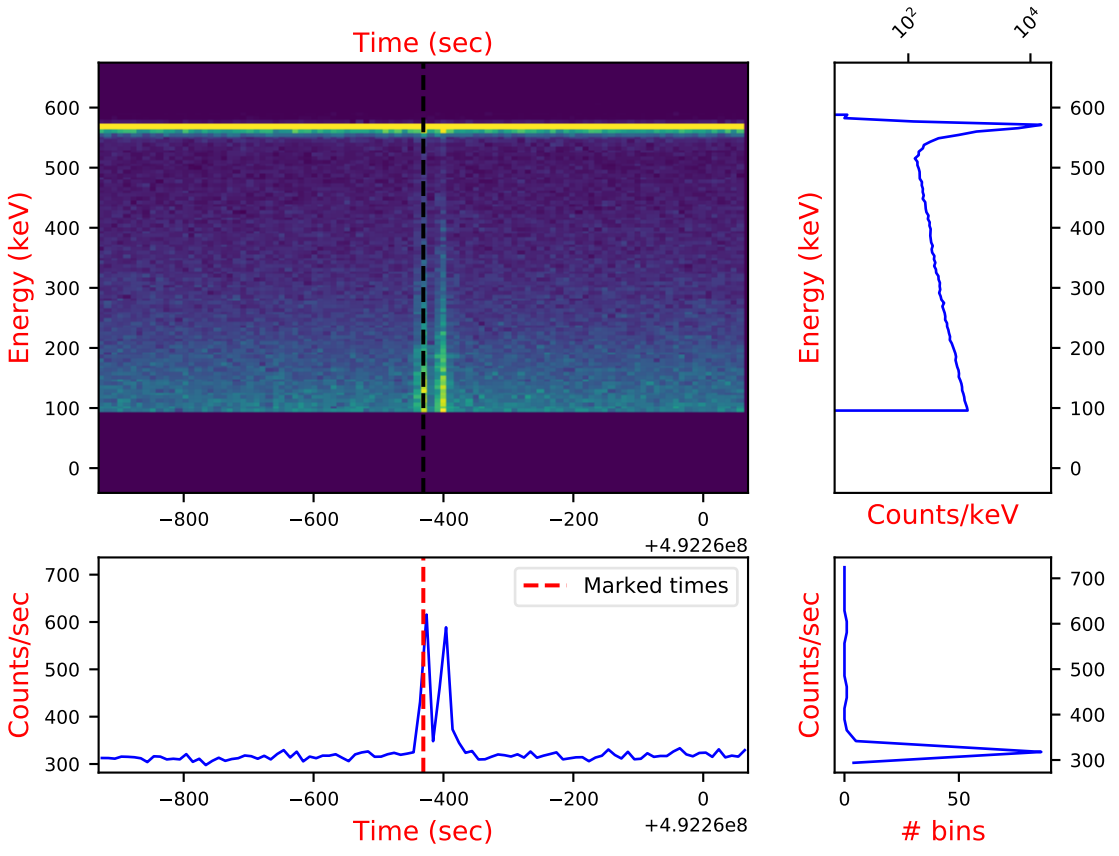

VETO lightcurves
A
B
C
D
650
600
550
500
450
400
350
300
Counts/sec
−800
−600
−400
−200
0
Time (sec)
+4.9226e8

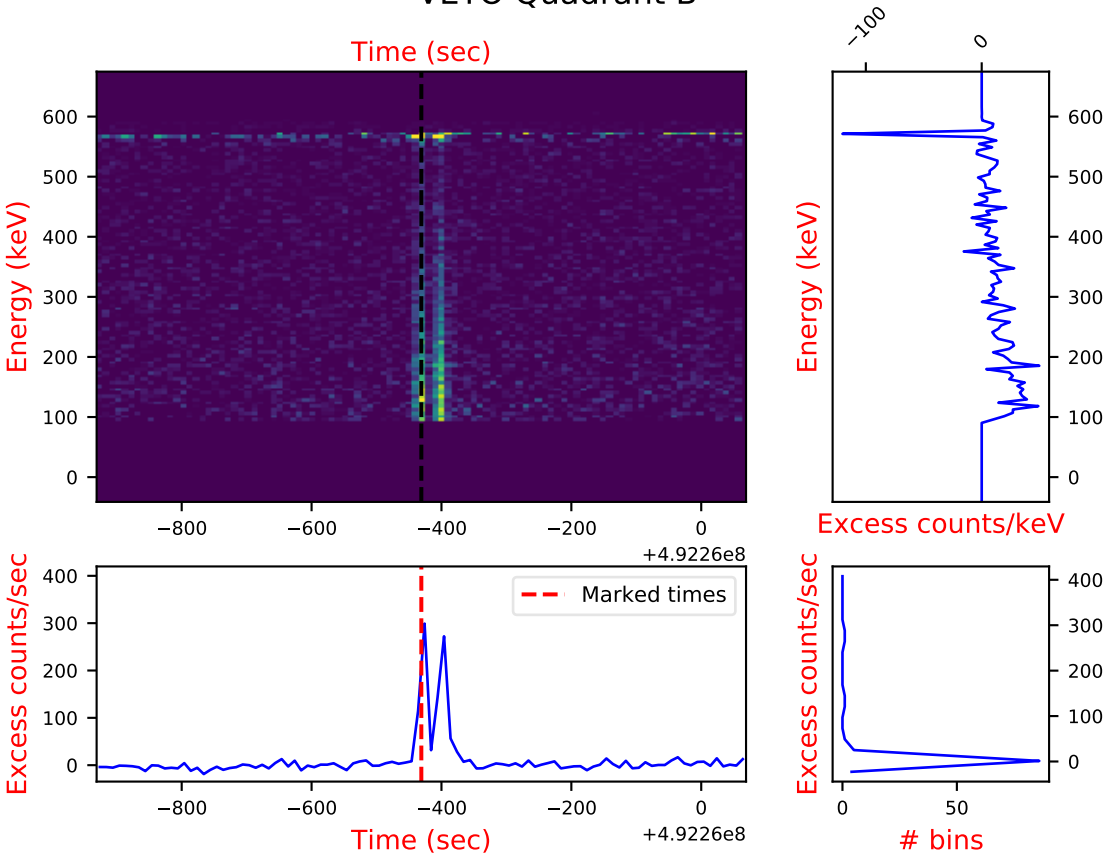

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
500
400
300
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Counts/sec
bins
0
50

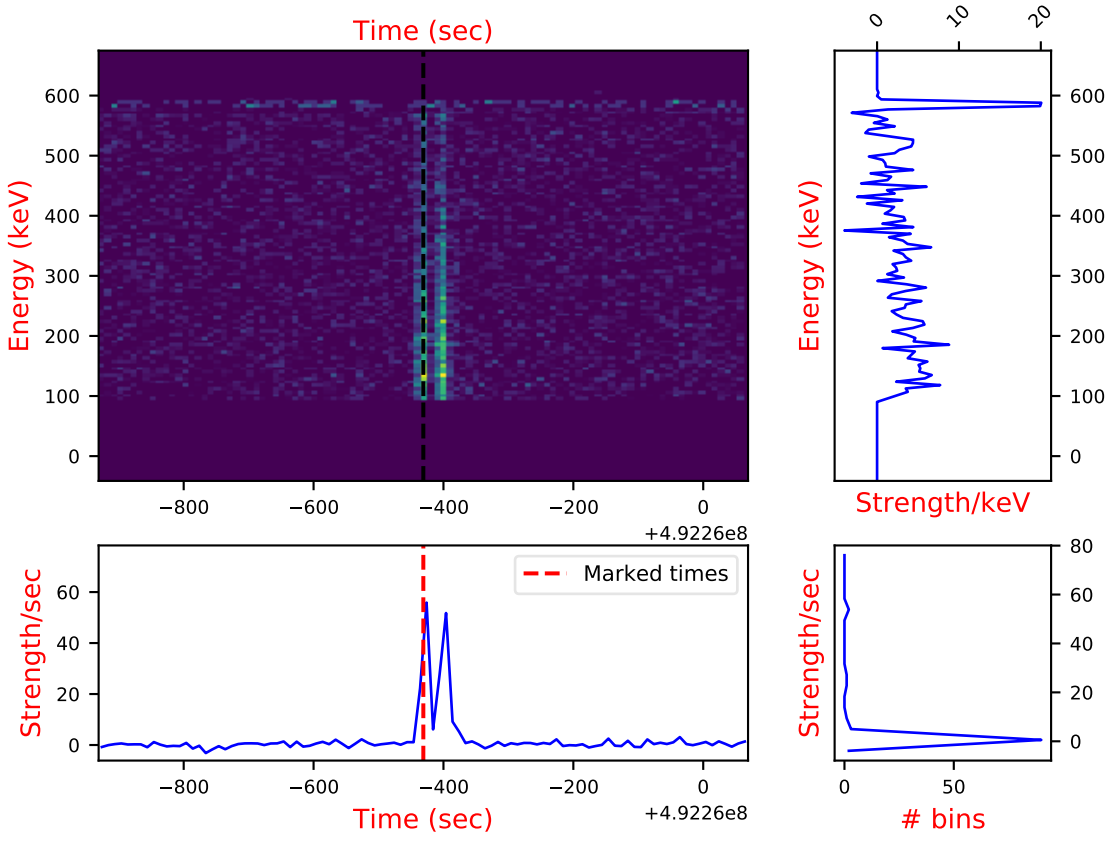

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
−100
0
Excess counts/keV
Excess counts/sec
Marked times
200
100
0
Time (sec)
+4.9226e8
50
bins

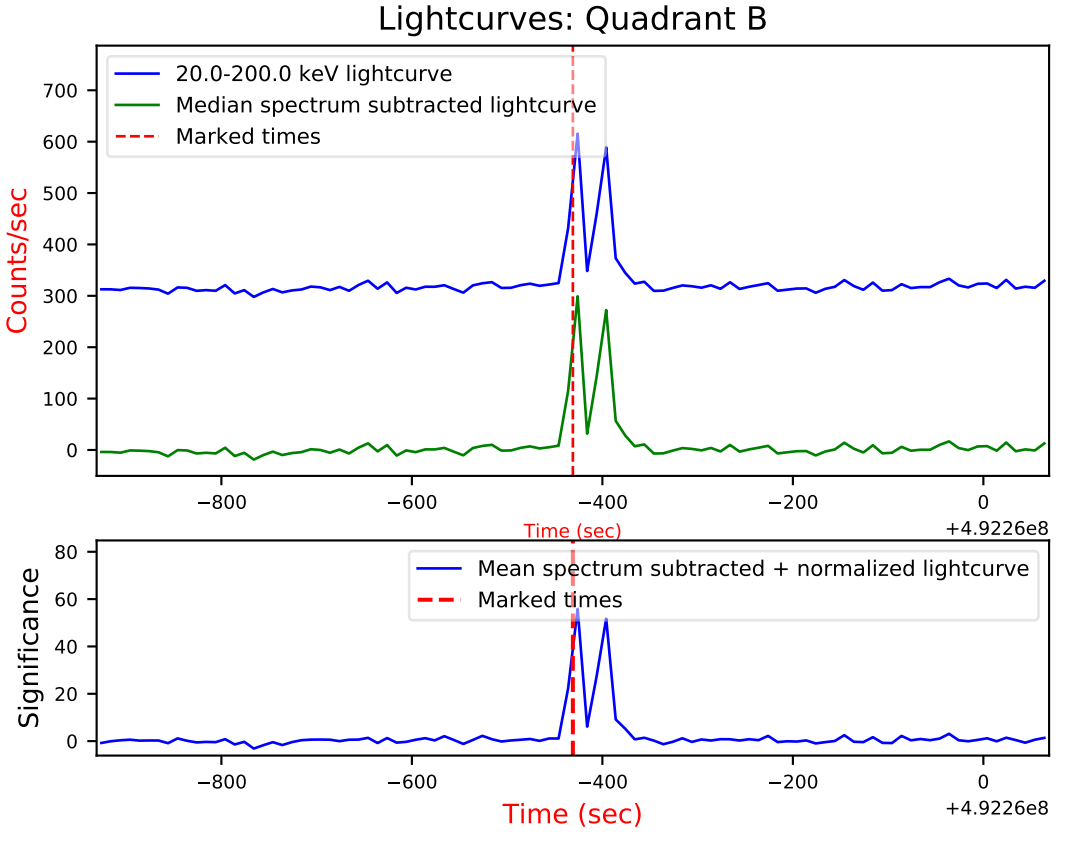

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
40
20
0
Time (sec)
+4.9226e8
60
50
bins

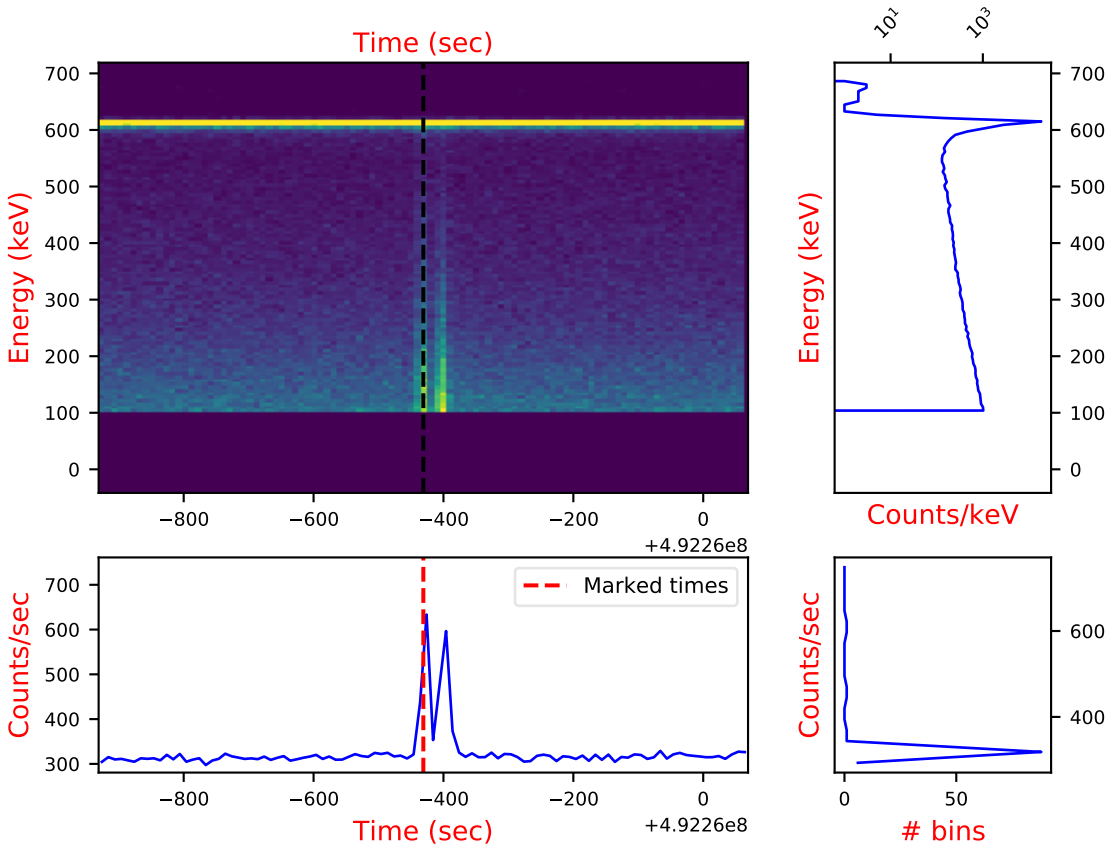

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
Time (sec)
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
60
40
20
0
−800
−600
−400
−200
0
+4.9226e8
Time (sec)

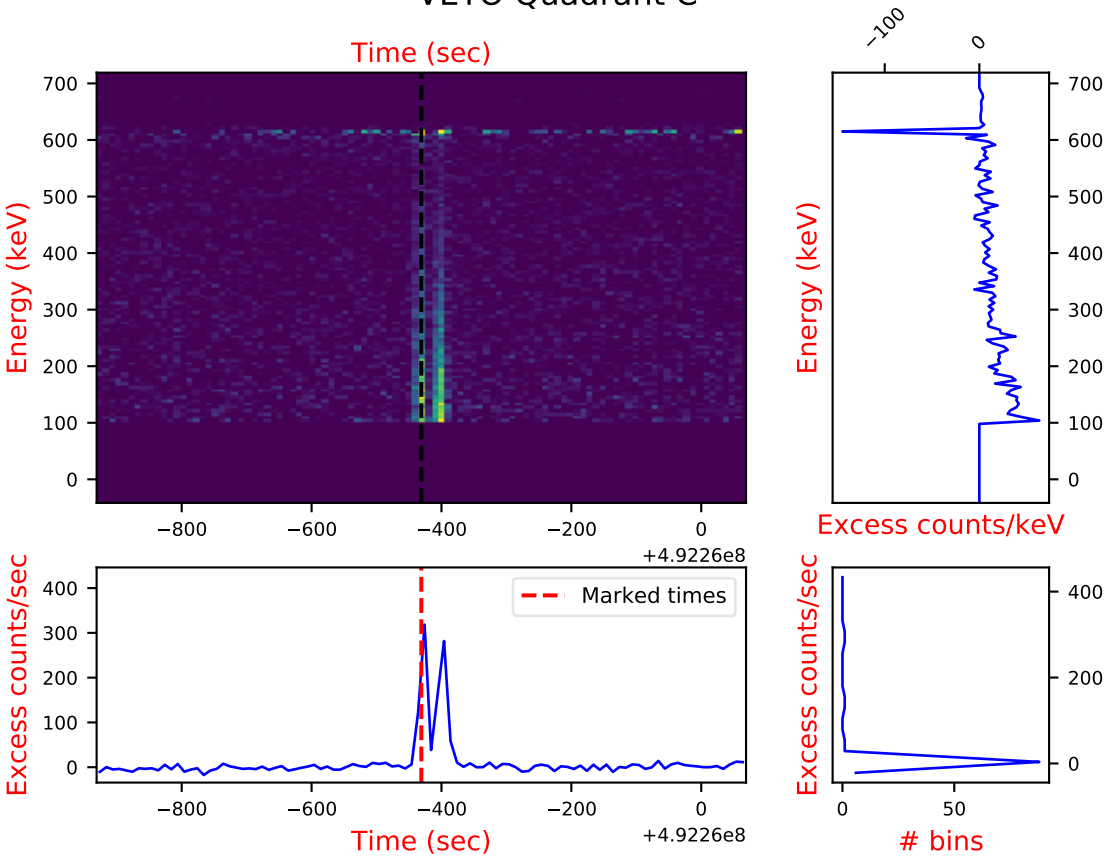

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
10^2
10^4
Energy (keV)
Counts/keV
Counts/sec
700
600
500
400
300
Marked times
Time (sec)
+4.9226e8
Counts/sec
0
50
bins

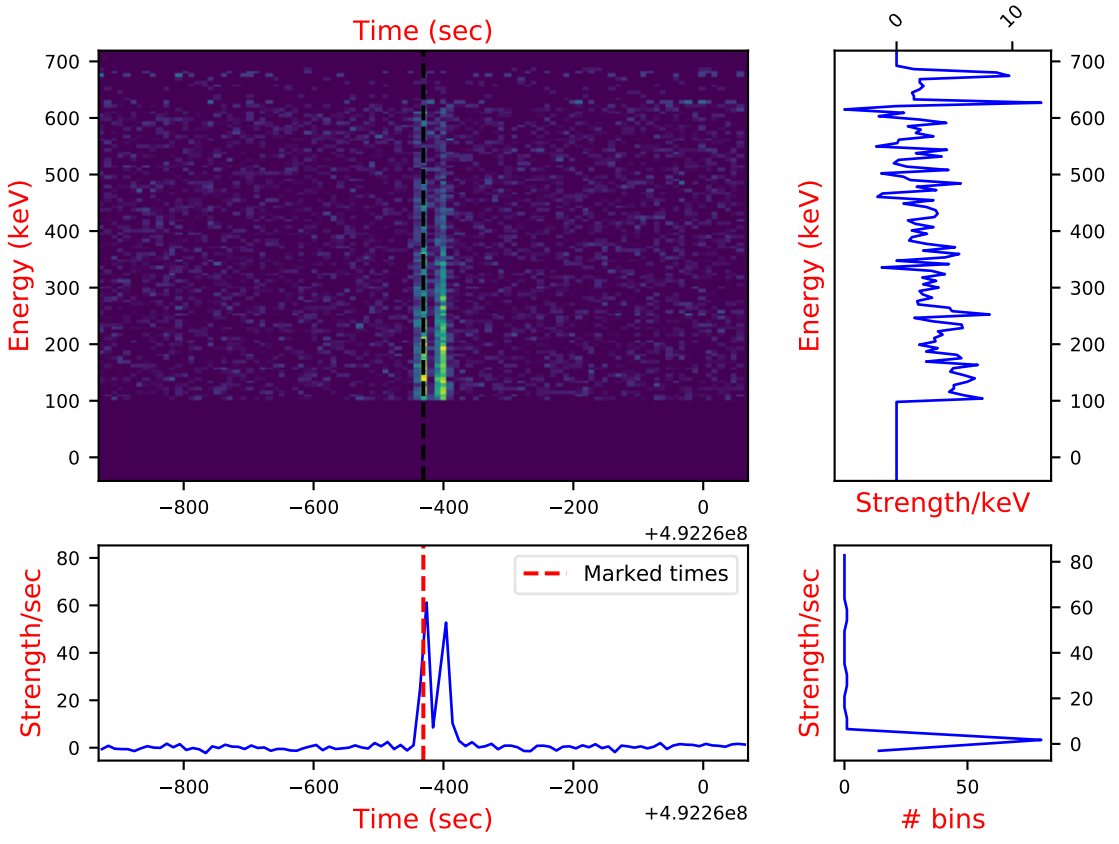

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
−100
0
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins
50

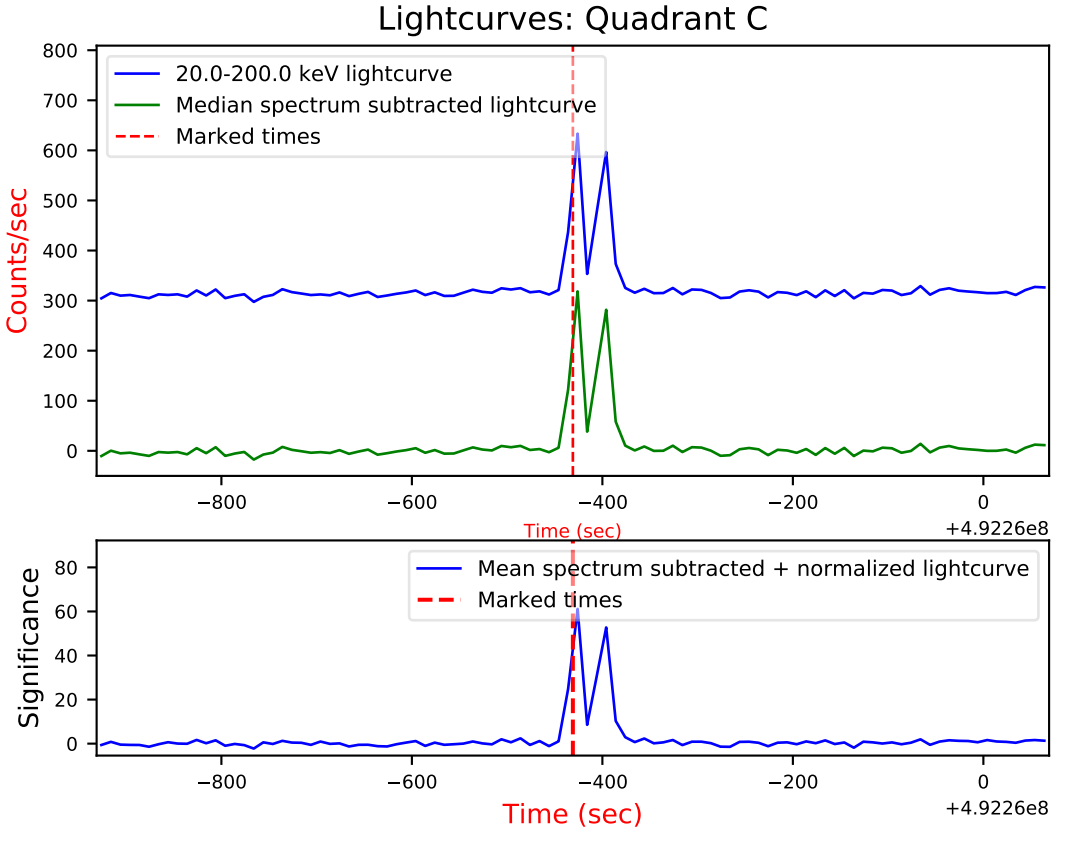

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
60
40
20
0
−800
−600
−400
−200
0
+4.9226e8
Time (sec)
Strength/sec
80
60
40
20
0
0
50
bins

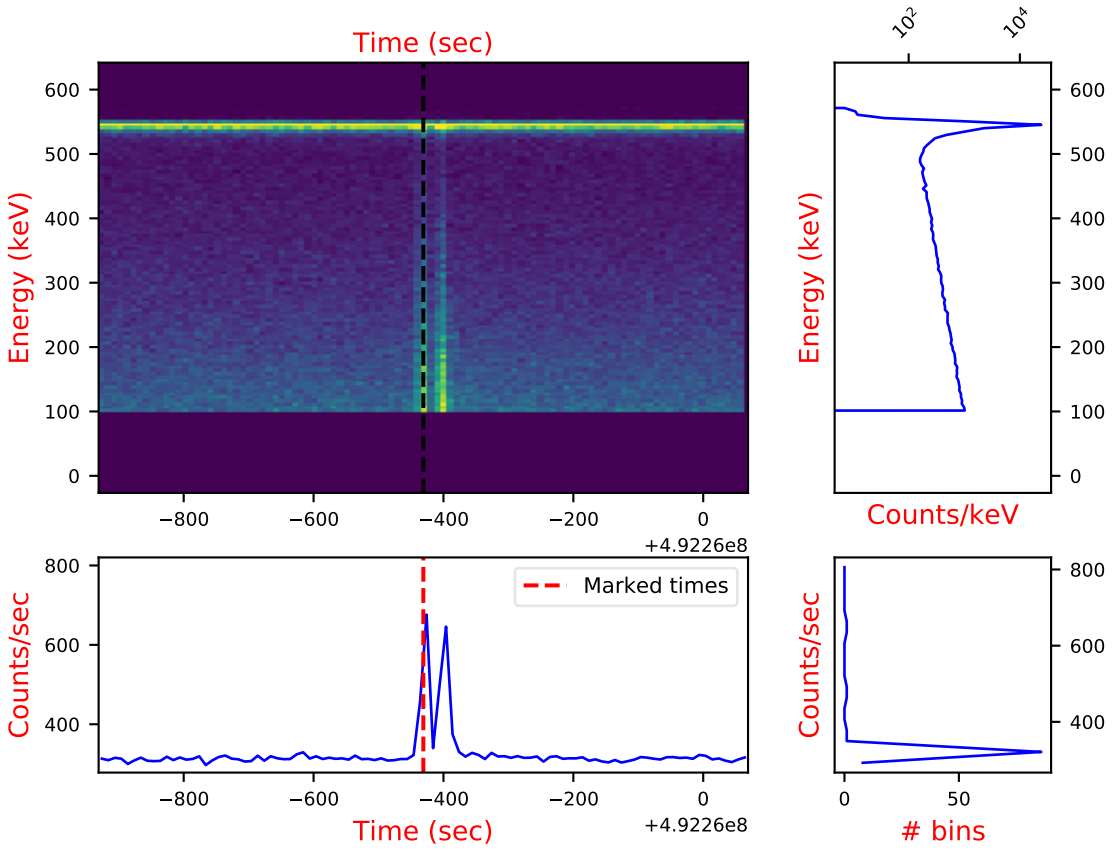

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
700
600
500
400
300
200
100
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
80
60
40
20
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8

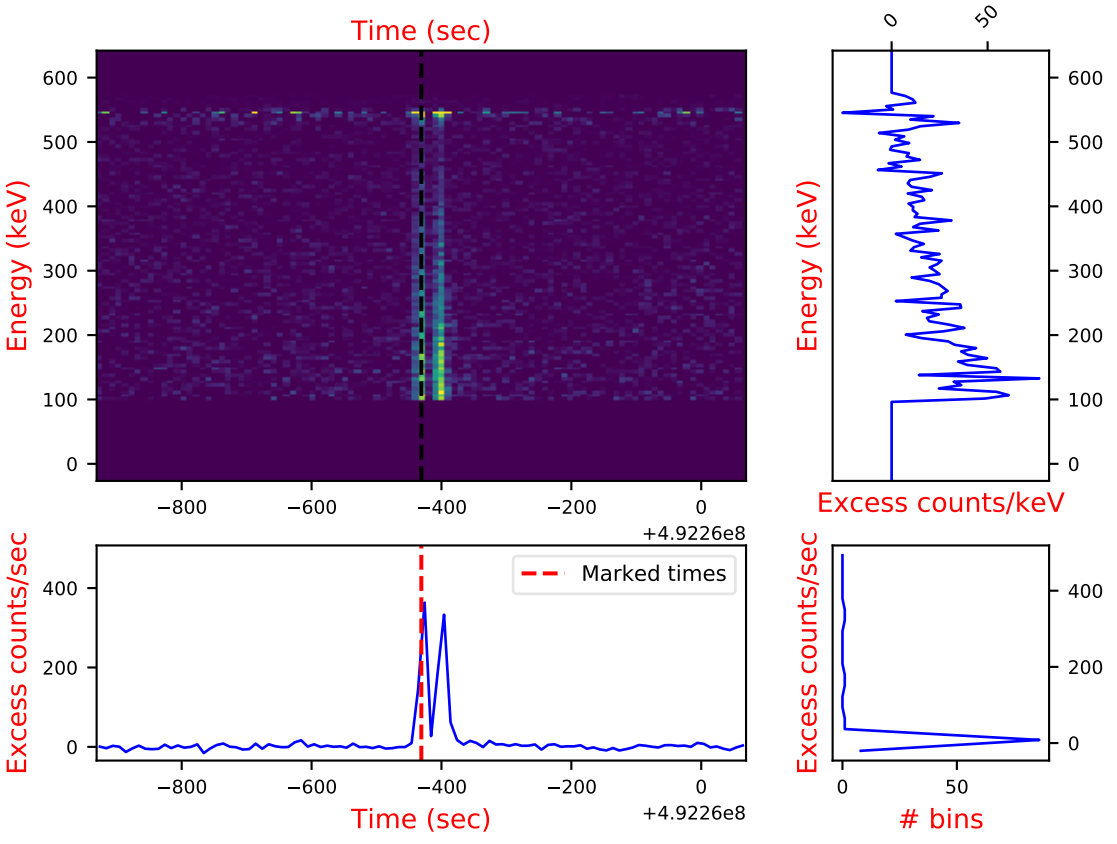

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
50

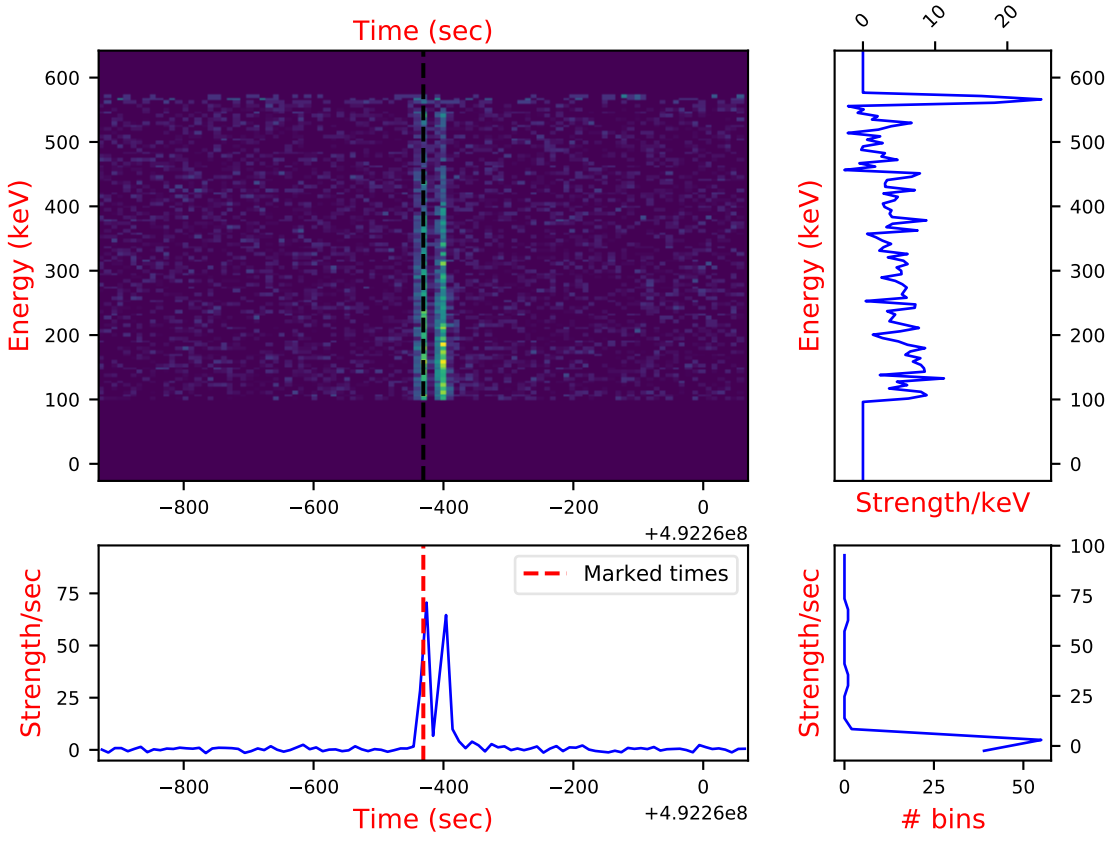

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
−800
−600
−400
−200
0
−100
0
Excess counts/keV
+4.9226e8
Excess counts/sec
Marked times
400
300
200
100
0
bins
50

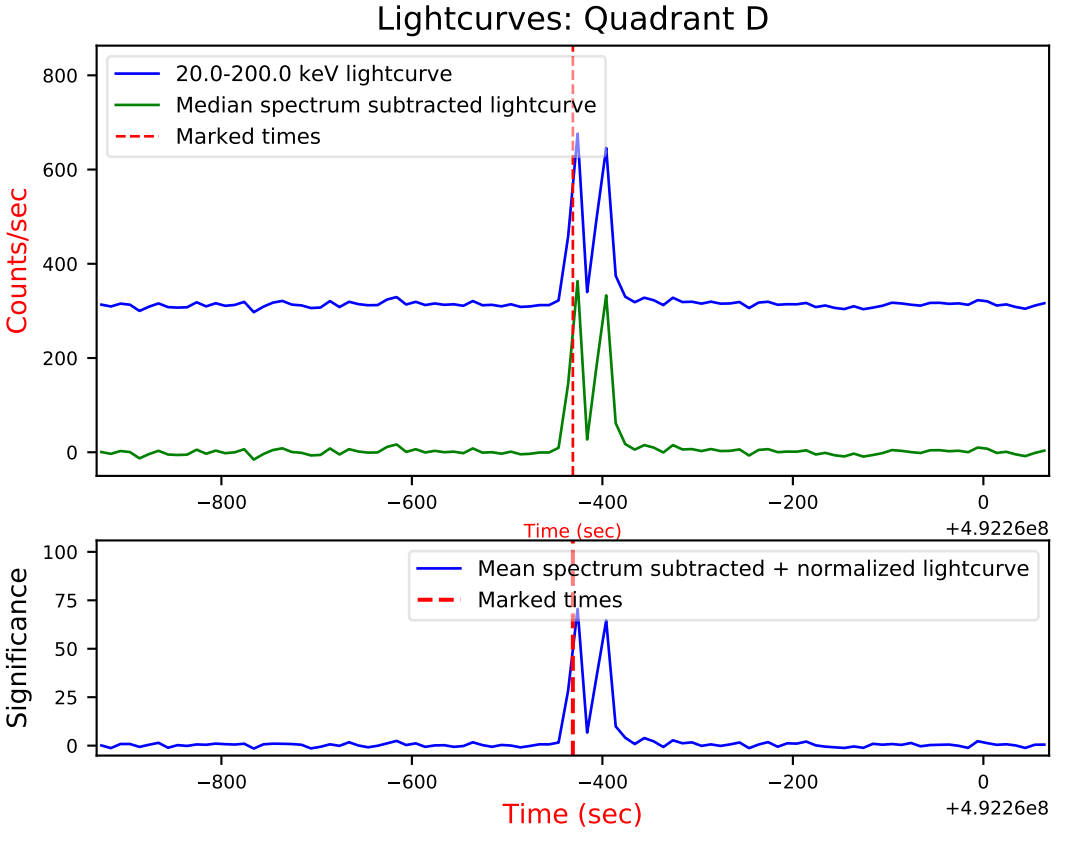

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
0
10
Strength/keV
Strength/sec
80
60
40
20
Marked times
Time (sec)
50
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
700
600
500
400
300
200
100
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
80
60
40
20
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
10^2
10^4
Counts/keV
Counts/sec
800
600
400
Marked times
Time (sec)
bins
50


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
0
50
Excess counts/keV
Excess counts/sec
Marked times
400
200
0
Time (sec)
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
−800
−600
−400
−200
0
+4.9226e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
75
50
25
0
Marked times
Time (sec)
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
800
600
400
200
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
75
50
25
0
−800
−600
−400
−200
0
Time (sec)
+4.9226e8