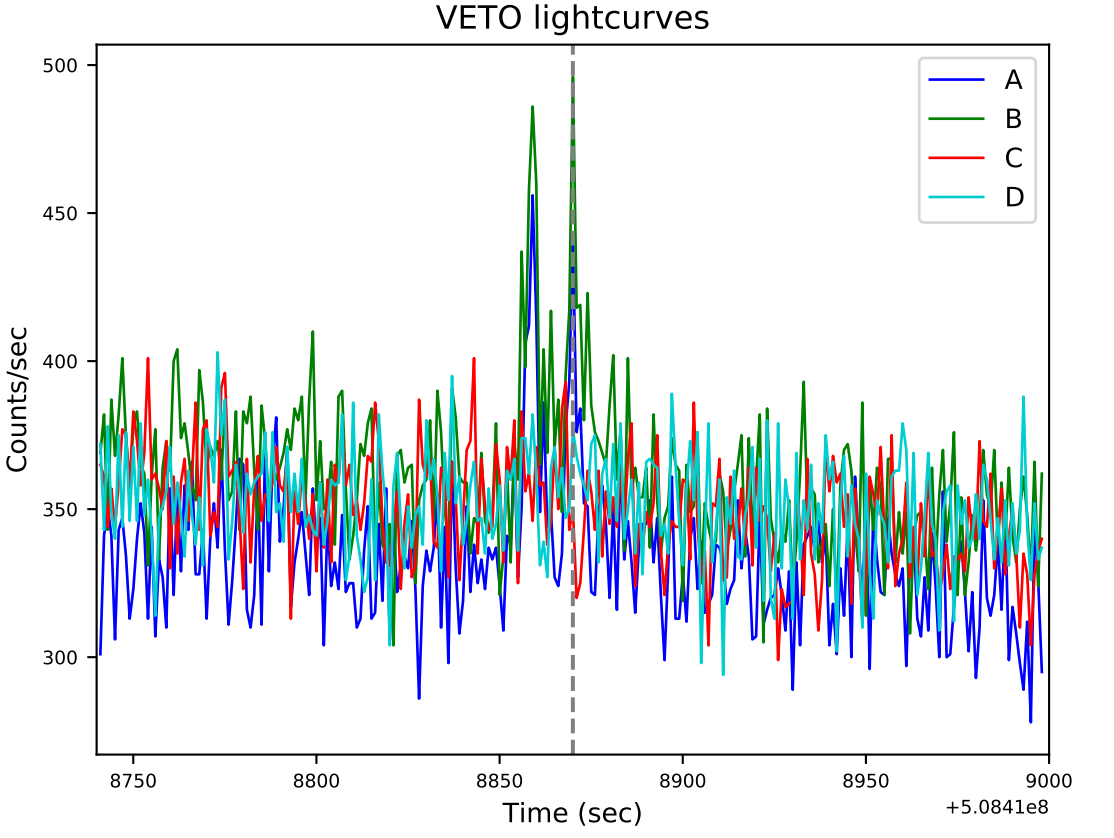
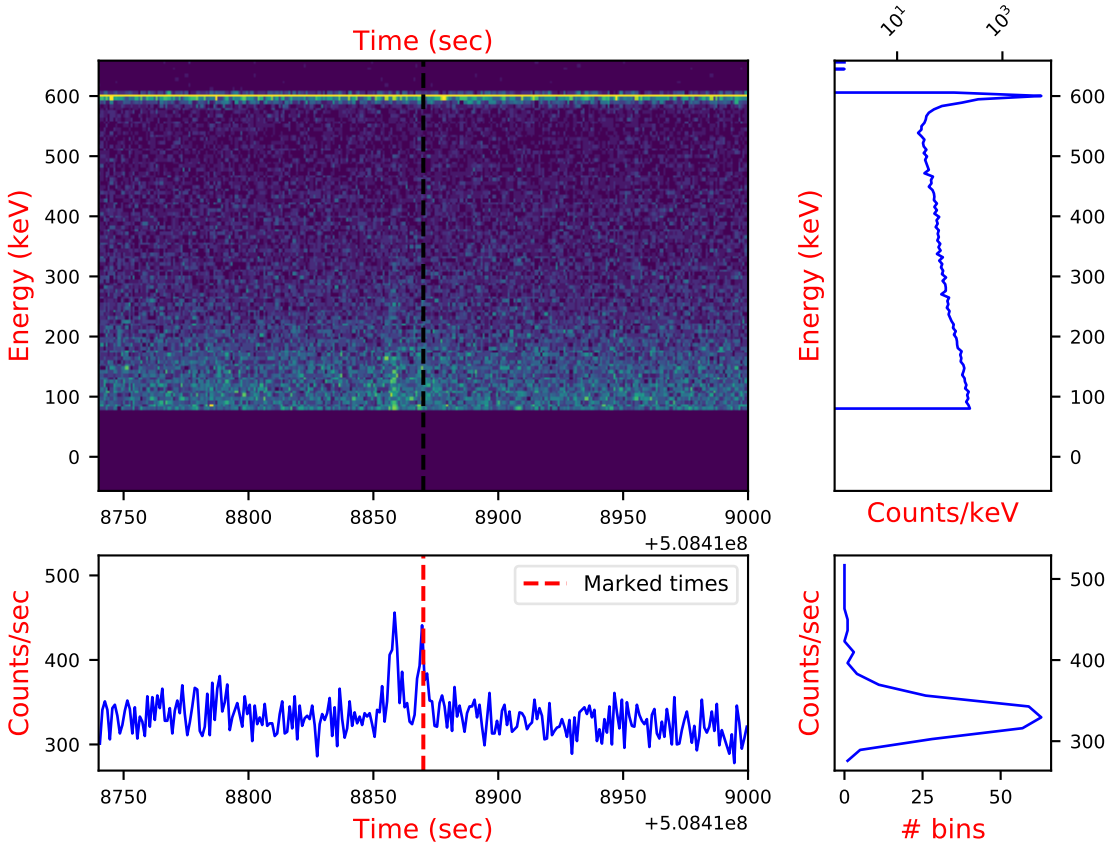
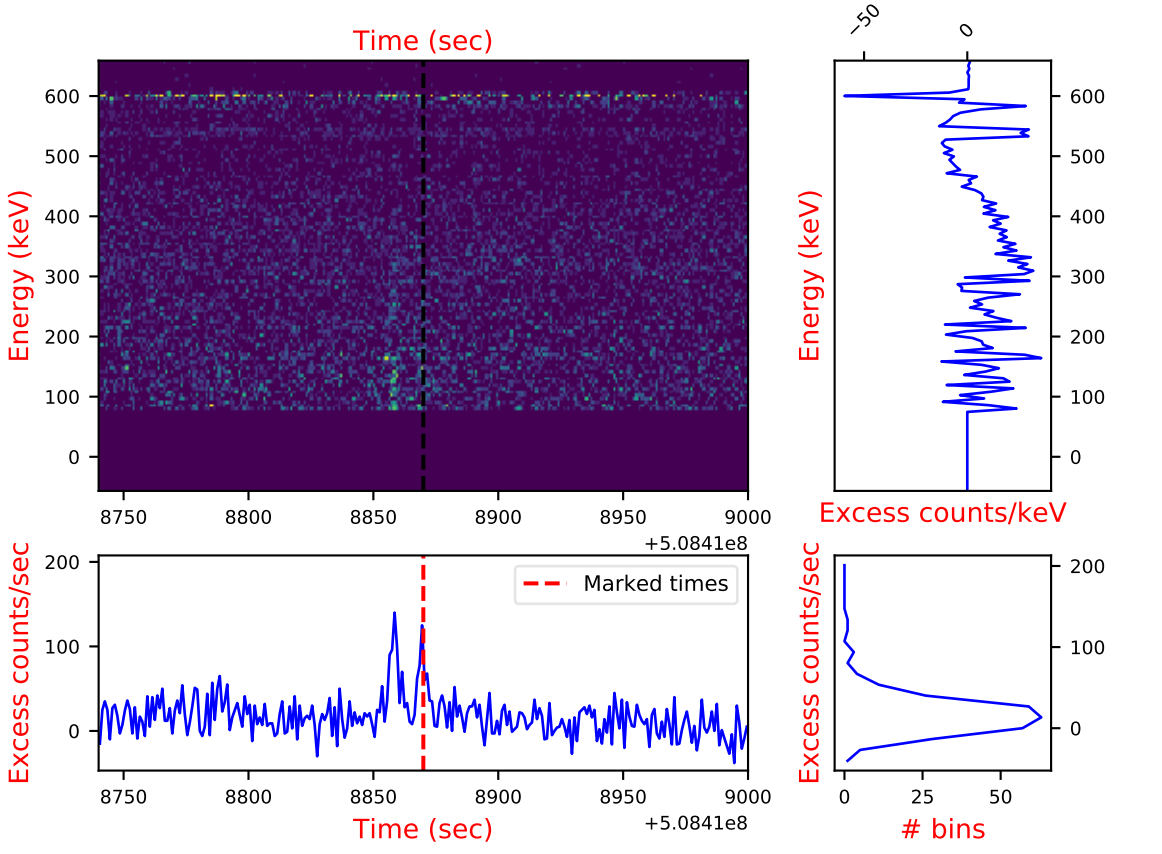
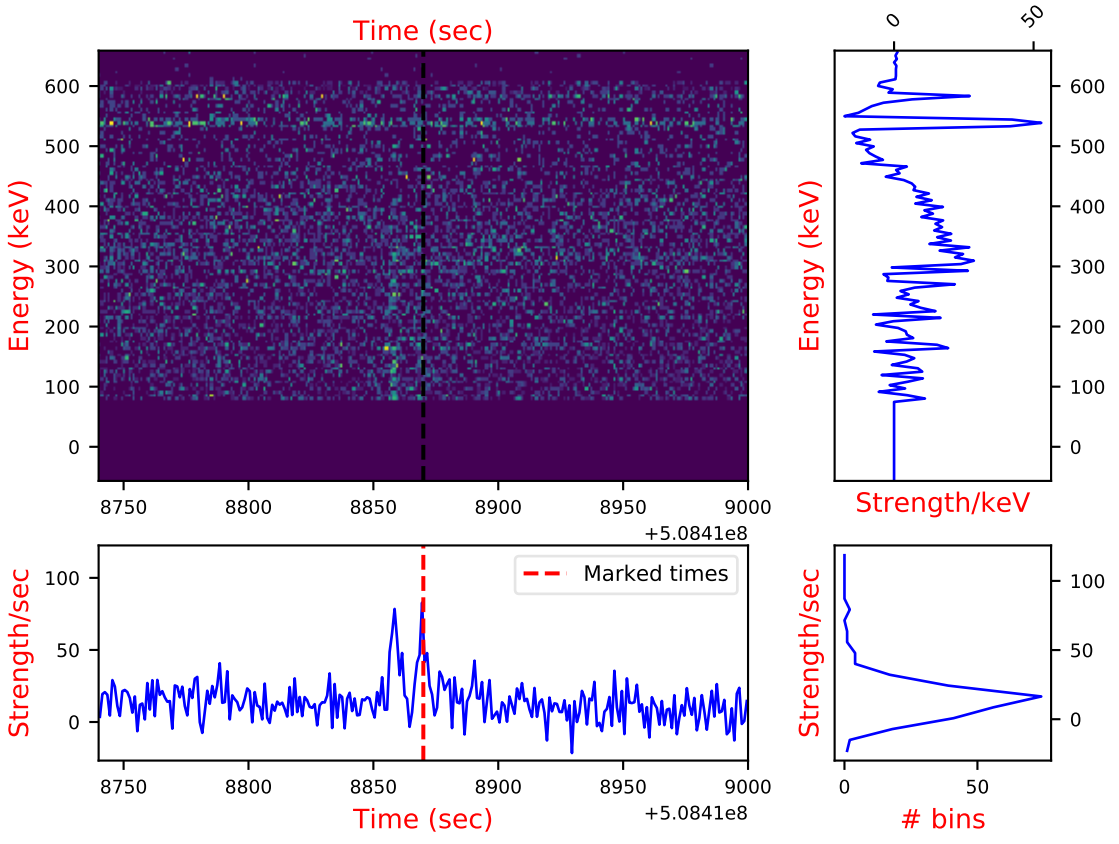
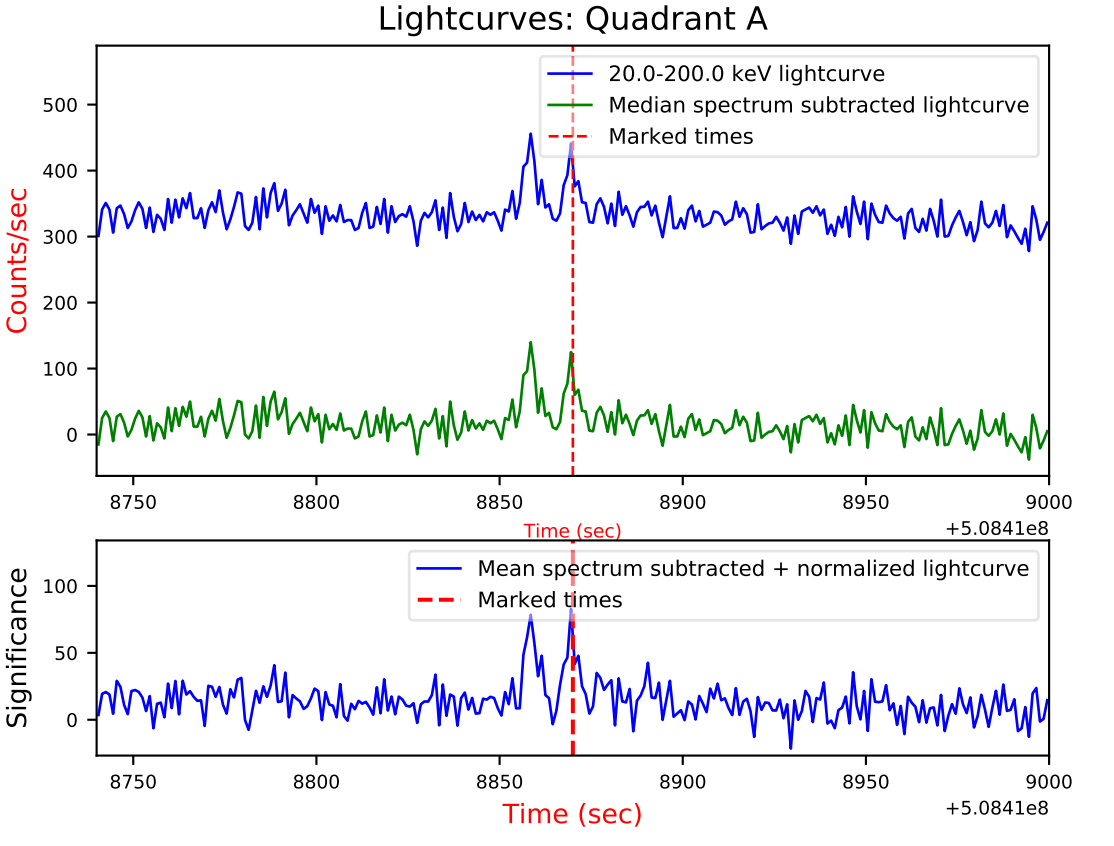
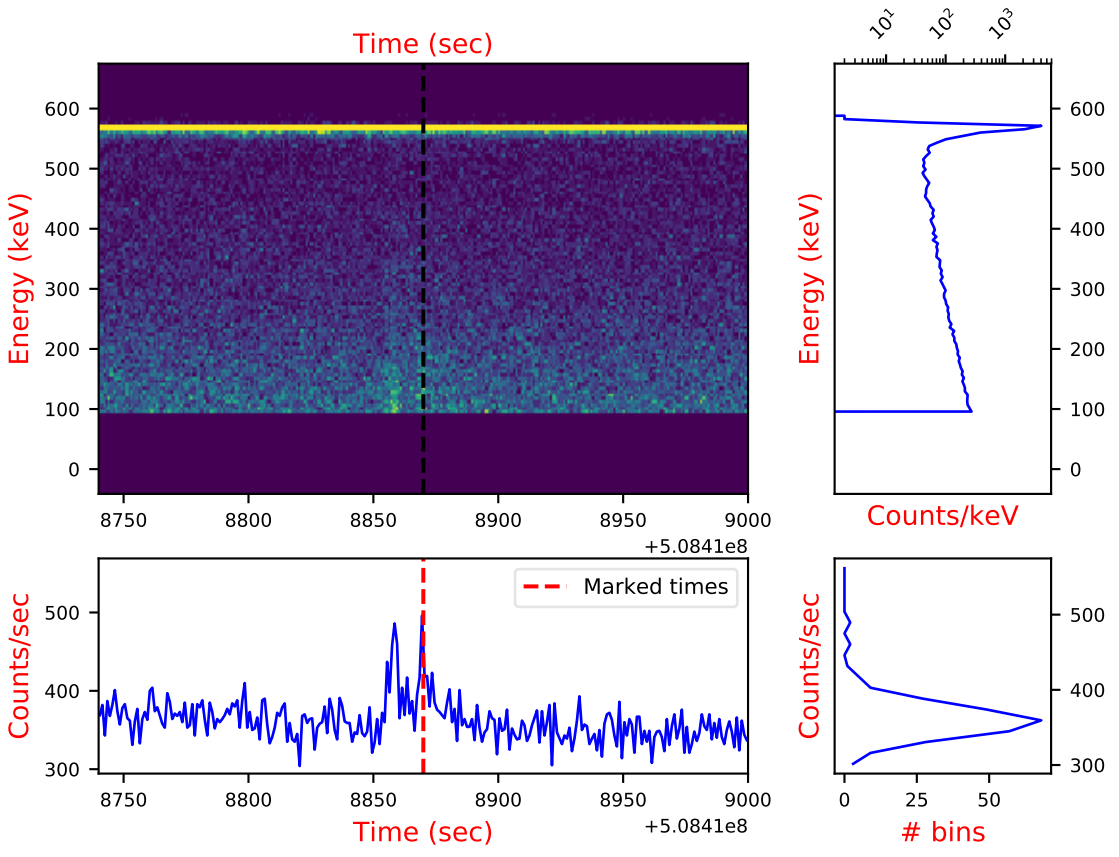

VETO lightcurves
A
B
C
D
Counts/sec
500
450
400
350
300
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8

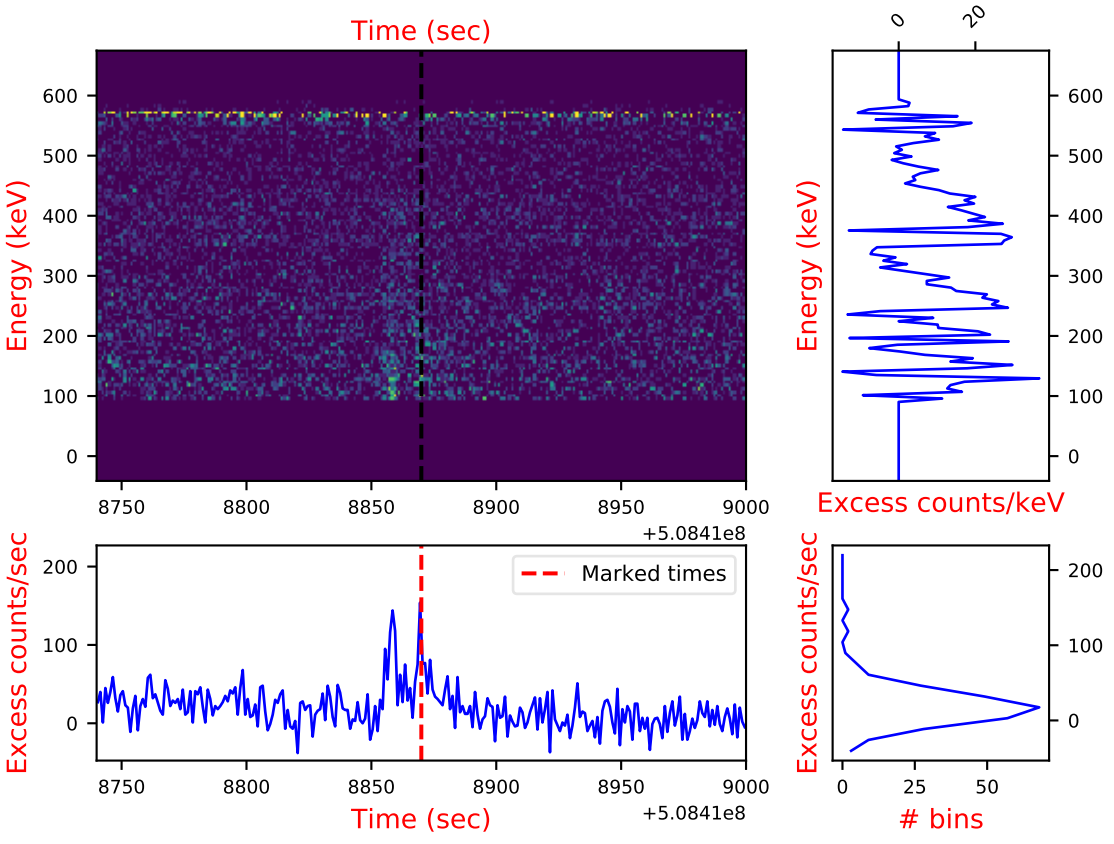

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
500
400
300
Marked times
8750
8800
8850
8900
8950
9000
+5.0841e8
Time (sec)
Counts/sec
0
25
50
bins

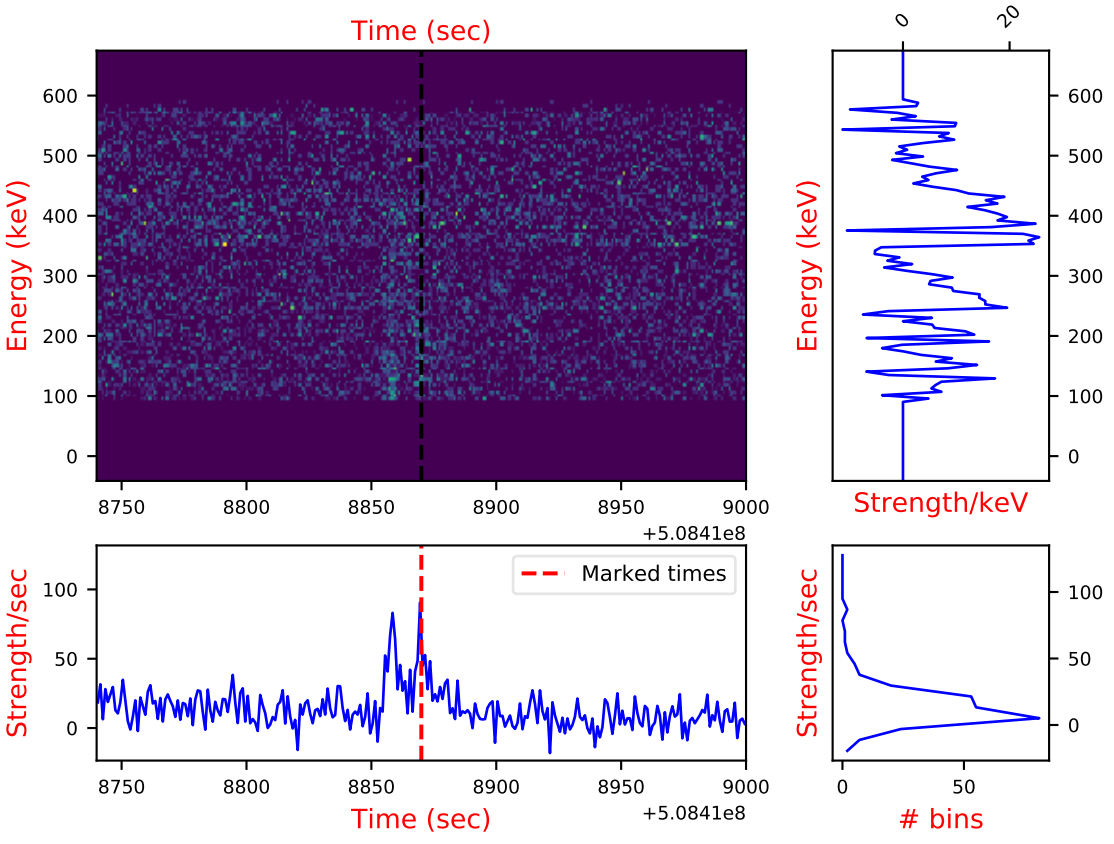

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
−50
0
Excess counts/keV
+5.0841e8
Excess counts/sec
200
100
0
Marked times
Time (sec)
bins
25
50

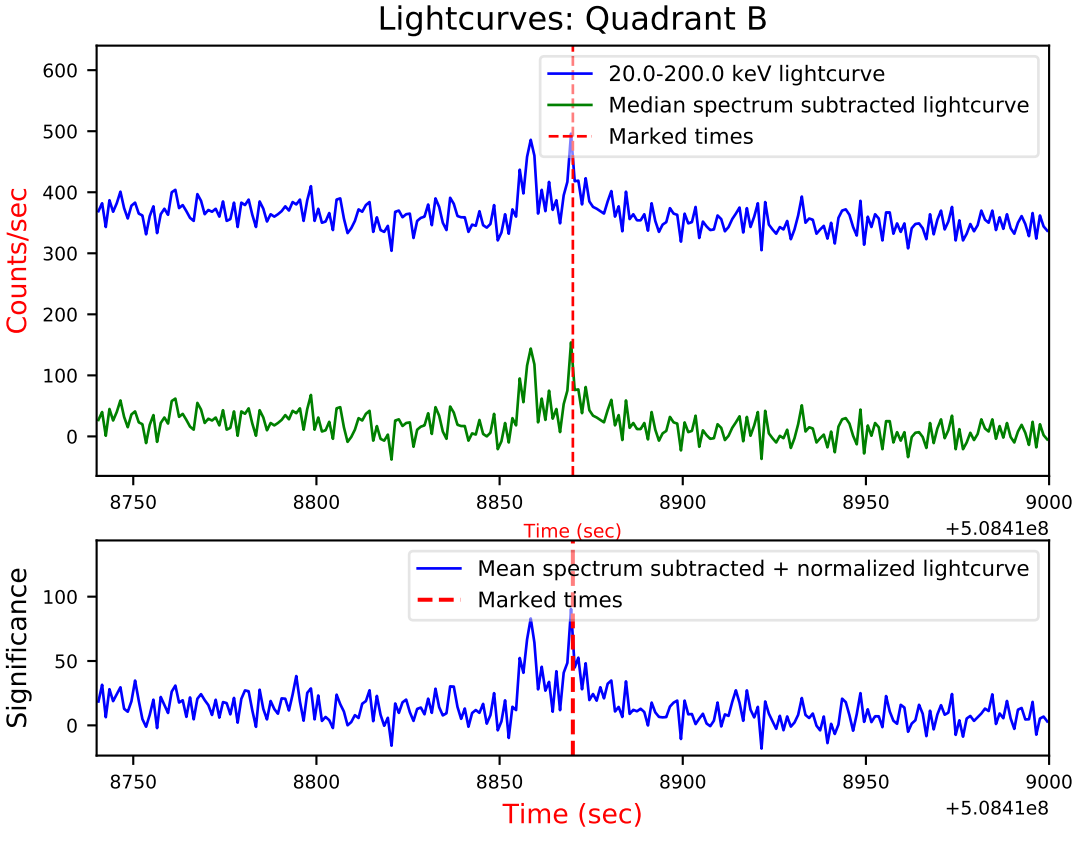

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
0
50
Energy (keV)
Strength/keV
Strength/sec
Marked times
100
50
0
Time (sec)
+5.0841e8
Strength/sec
bins

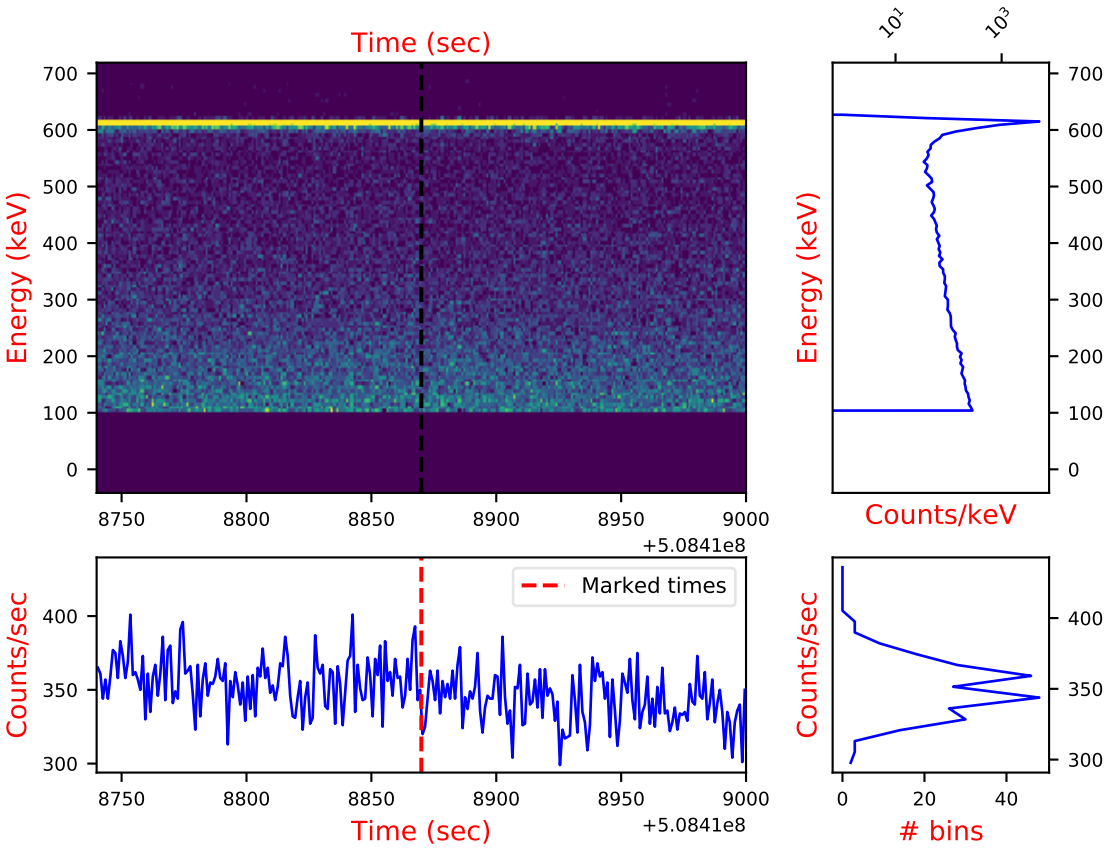

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8

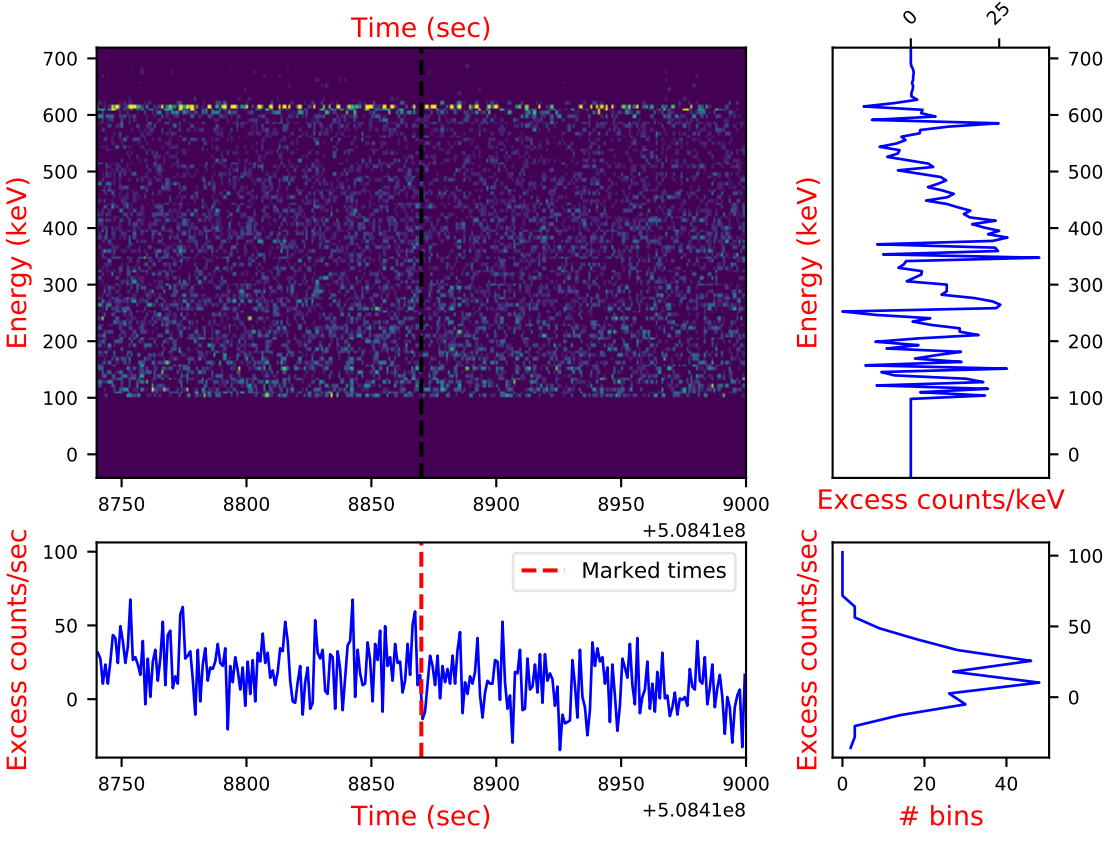

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
10^1
10^2
10^3
Counts/keV
Counts/sec
Marked times
25
50
bins

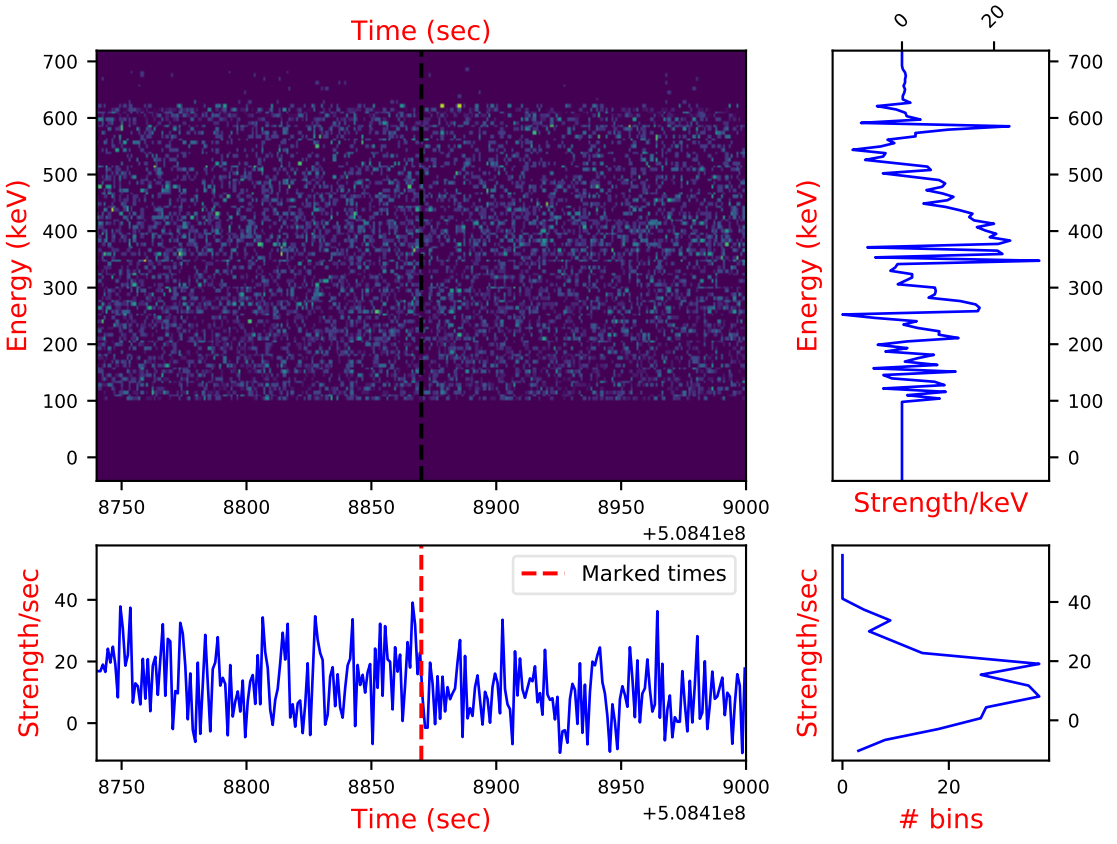

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
0
20
Excess counts/keV
Excess counts/sec
200
100
0
Marked times
25
50
bins

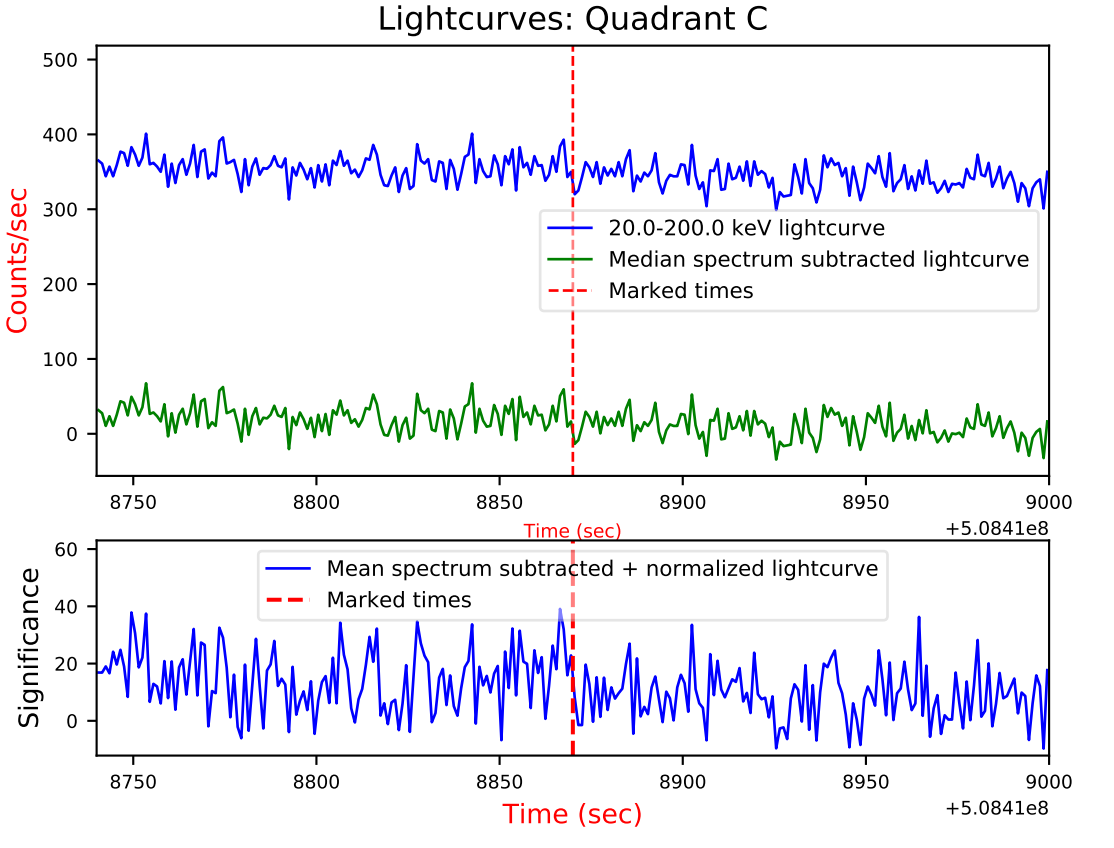

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
0
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
100
50
0
Time (sec)
bins

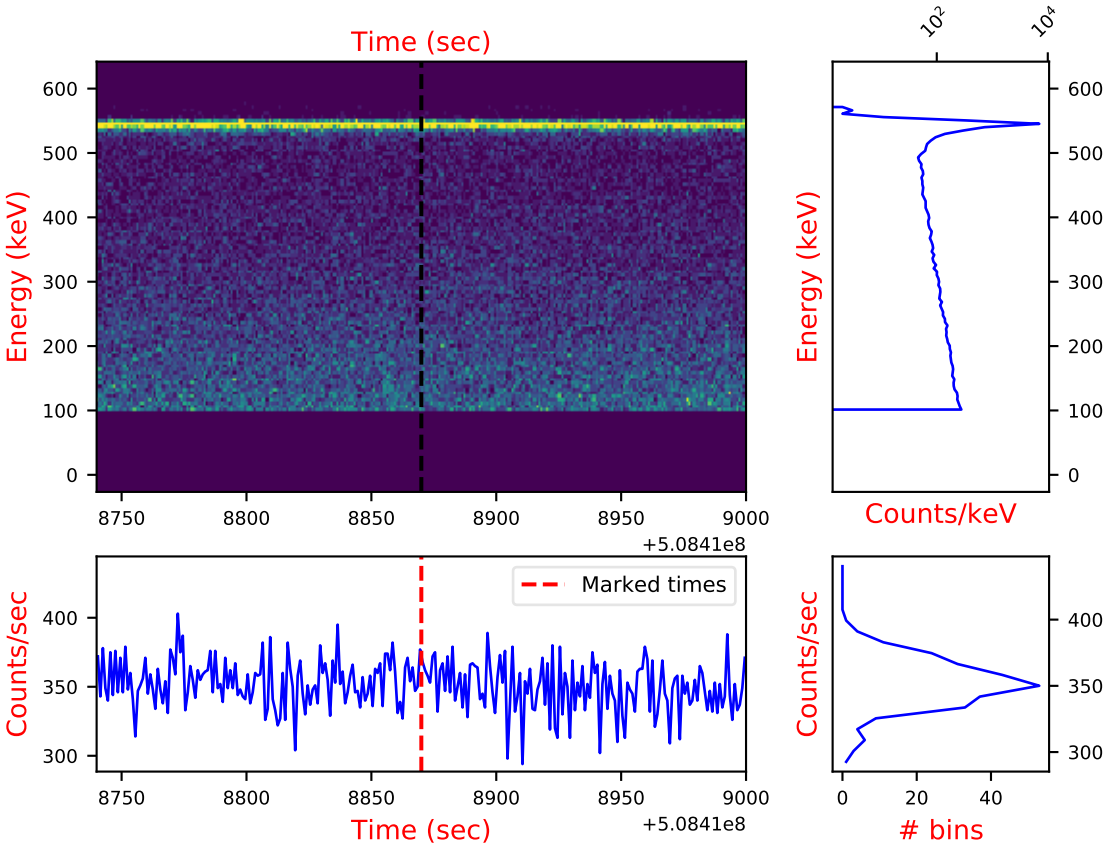

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8

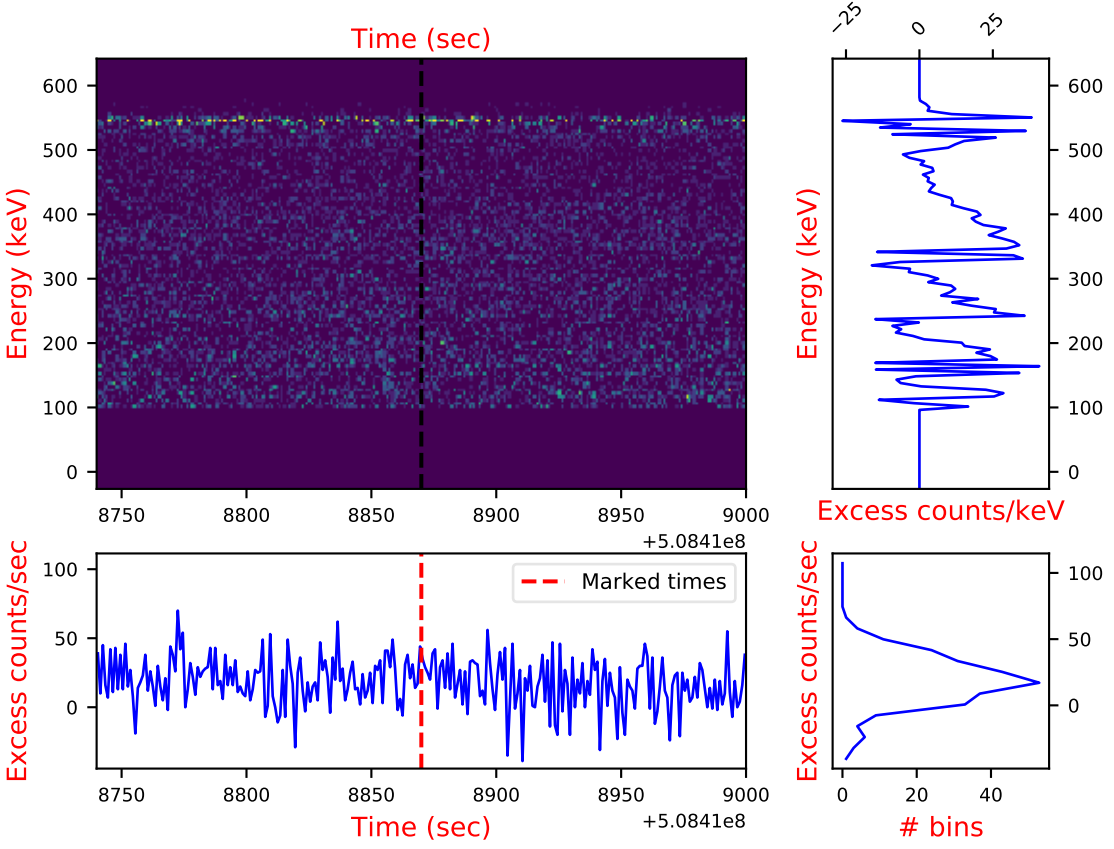

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
400
350
300
Time (sec)
+5.0841e8
bins
0
20
40

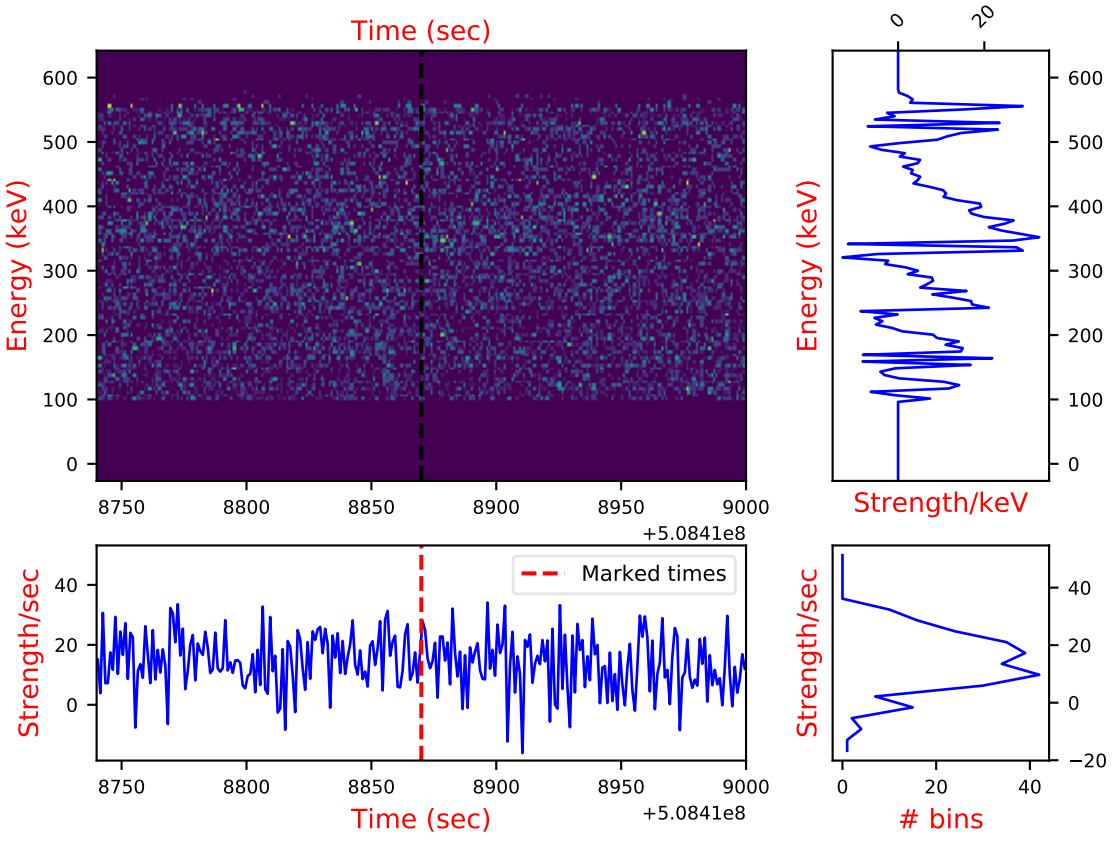

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
0
25
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
+5.0841e8
20
40
bins

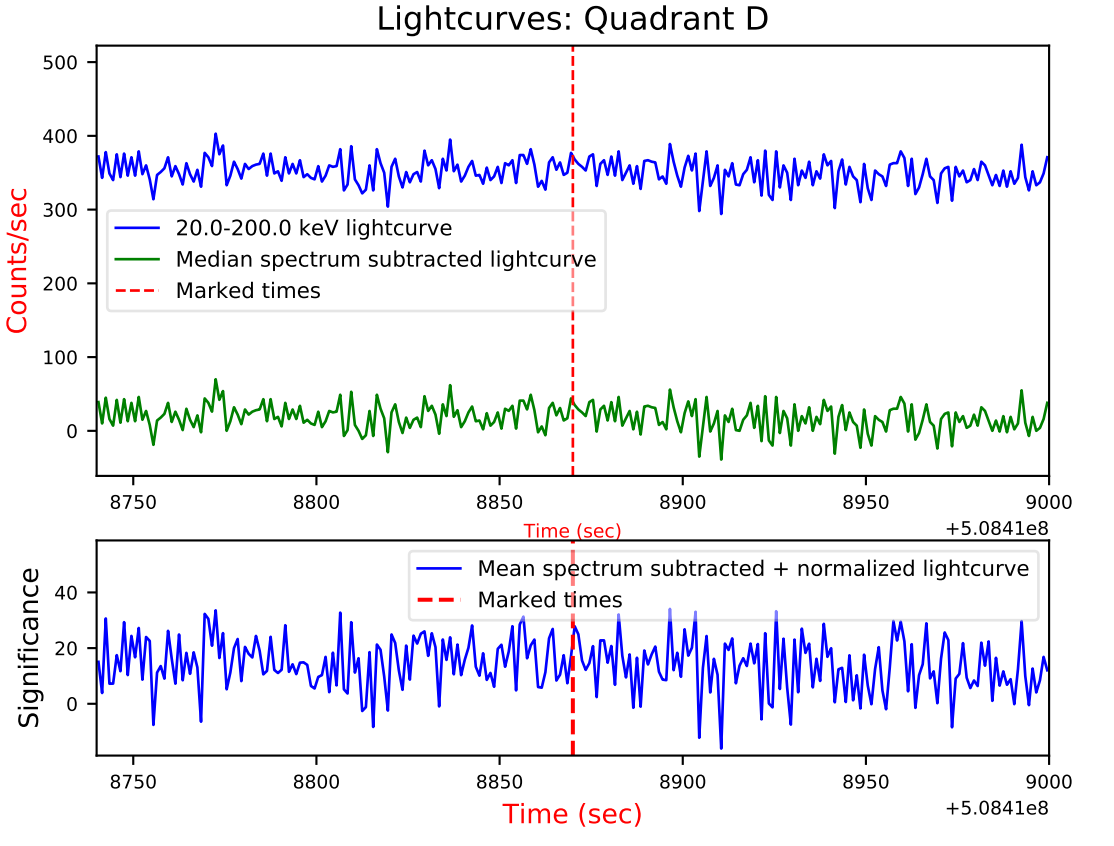

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
0
20
Strength/keV
Strength/sec
Marked times
40
20
0
Time (sec)
bins


Lightcurves: Quadrant C
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8
Significance
60
40
20
0
Mean spectrum subtracted + normalized lightcurve
Marked times
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
10^2
10^4
Counts/keV
Counts/sec
Marked times
350
300
0
20
40
bins


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
8750
8800
8850
8900
8950
9000
+5.0841e8
−25
0
25
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
bins
20
40


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
8750
8800
8850
8900
8950
9000
+5.0841e8
0
20
Strength/keV
Strength/sec
Marked times
40
20
0
−20
Time (sec)
+5.0841e8
bins


Lightcurves: Quadrant D
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8
Significance
40
20
0
Mean spectrum subtracted + normalized lightcurve
Marked times
8750
8800
8850
8900
8950
9000
Time (sec)
+5.0841e8