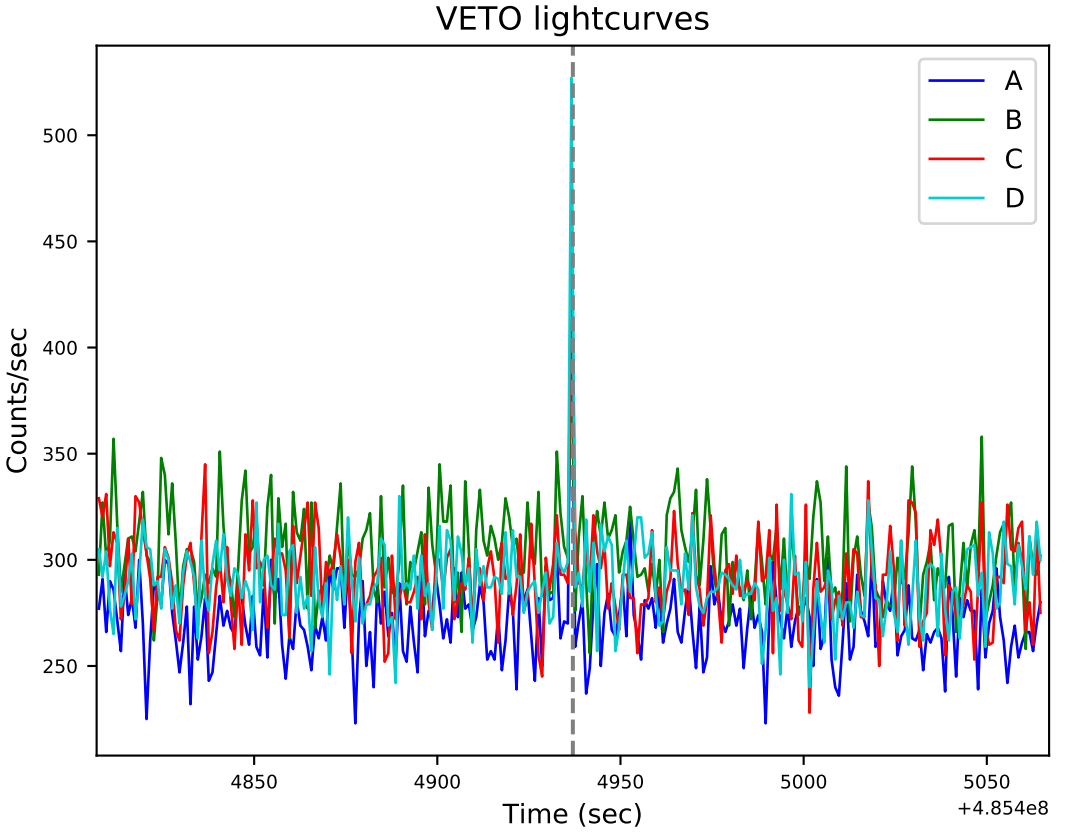
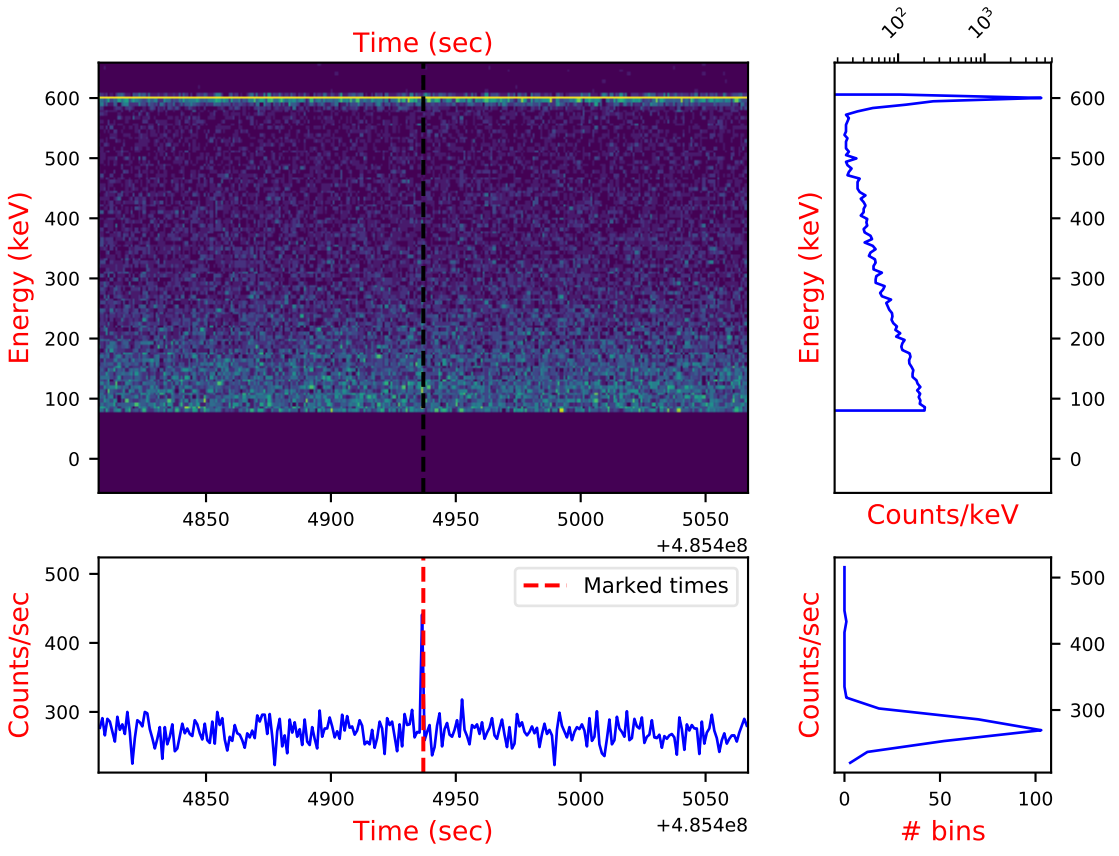
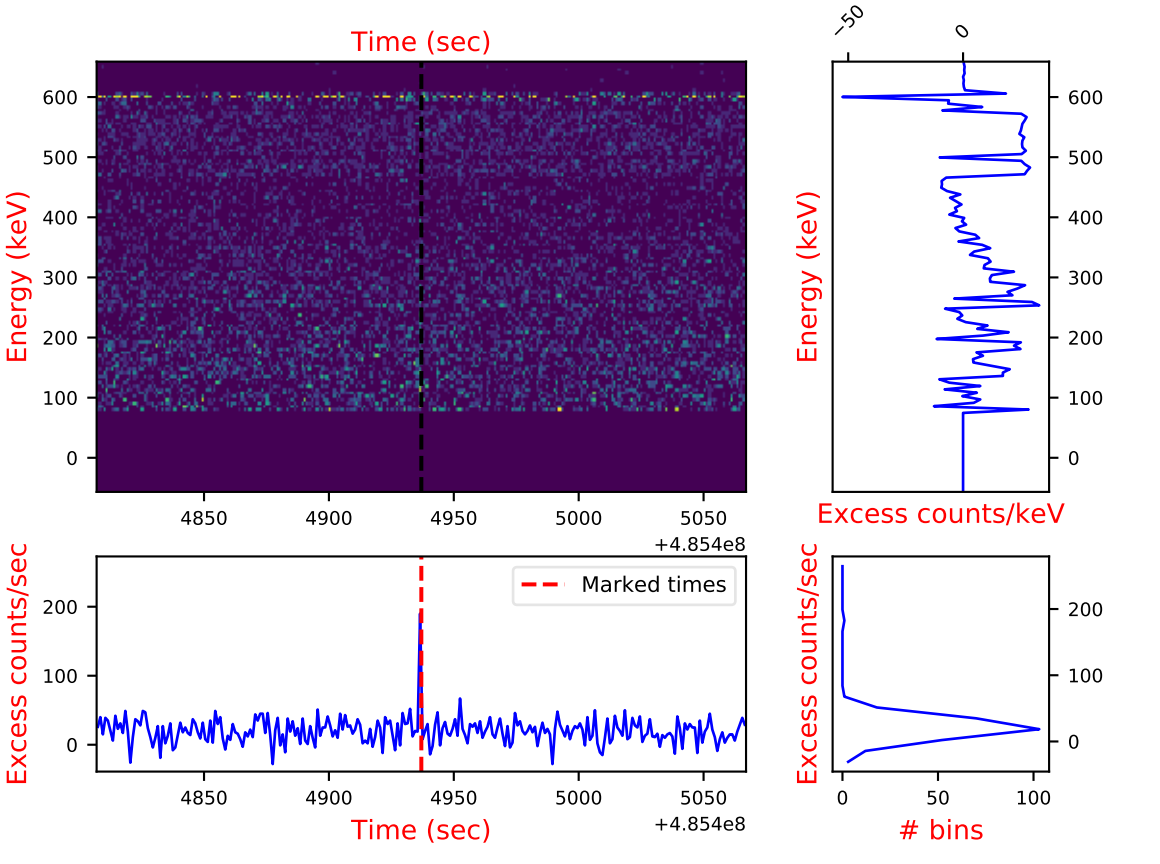
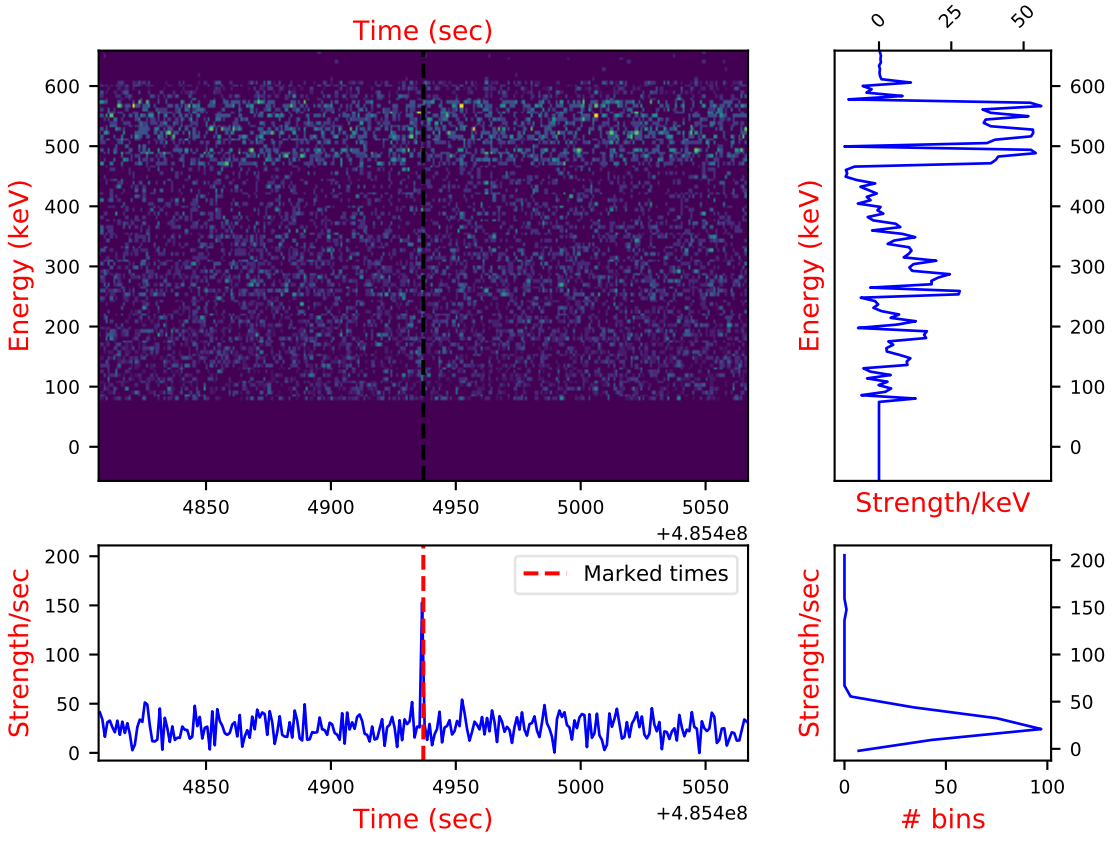
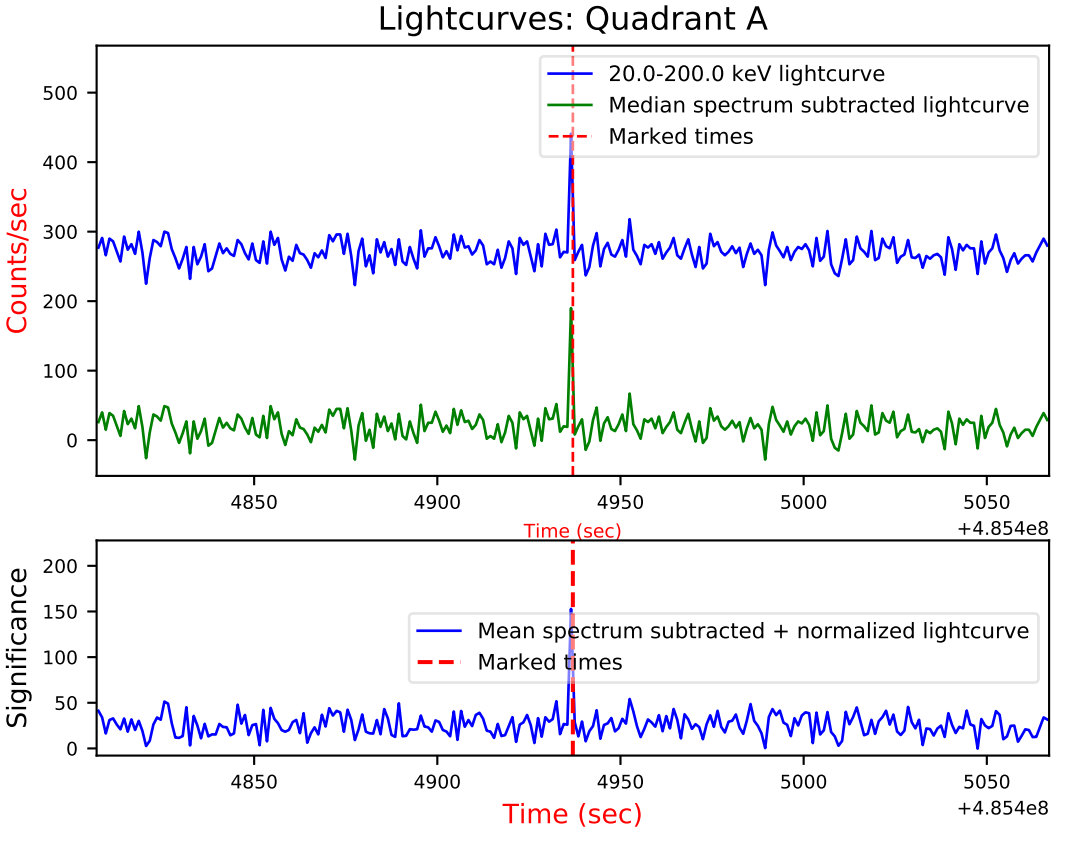
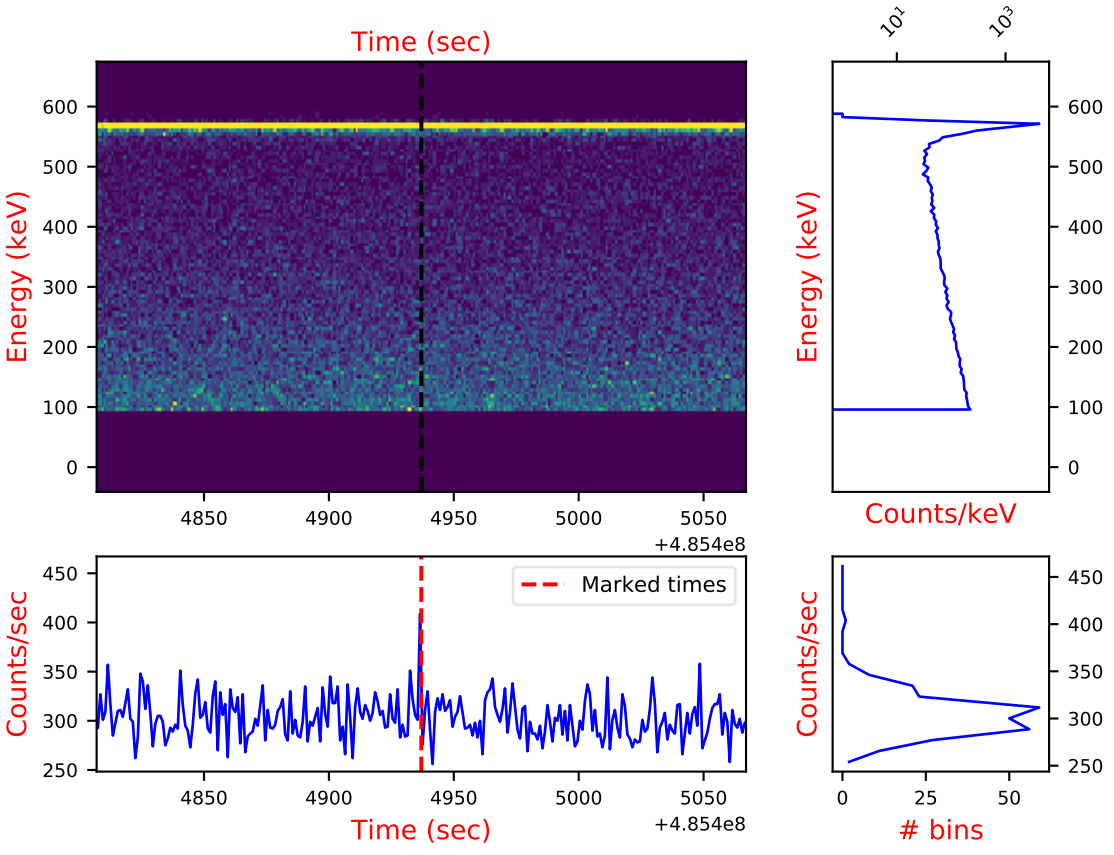

VETO lightcurves
A
B
C
D
Counts/sec
500
450
400
350
300
250
4850
4900
4950
5000
5050
Time (sec)
+4.854e8

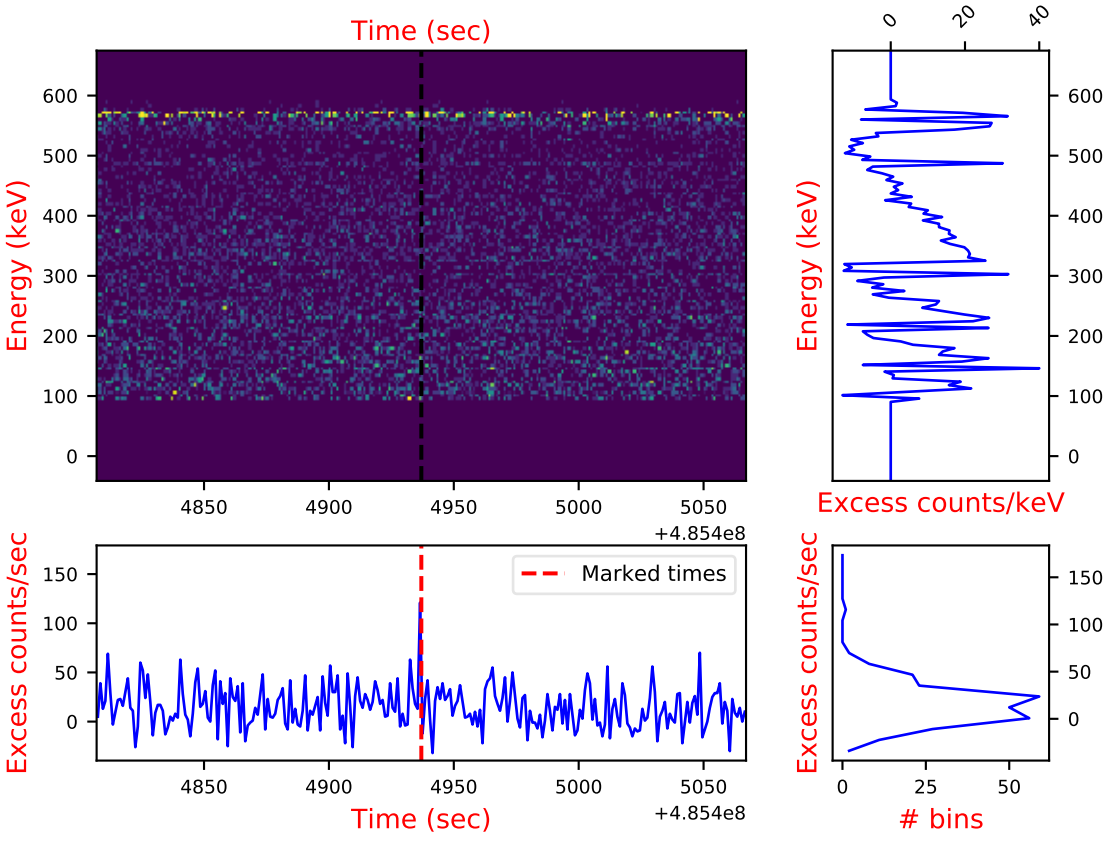

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
10^2
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
Counts/sec
Time (sec)
+4.854e8
bins
0
50
100

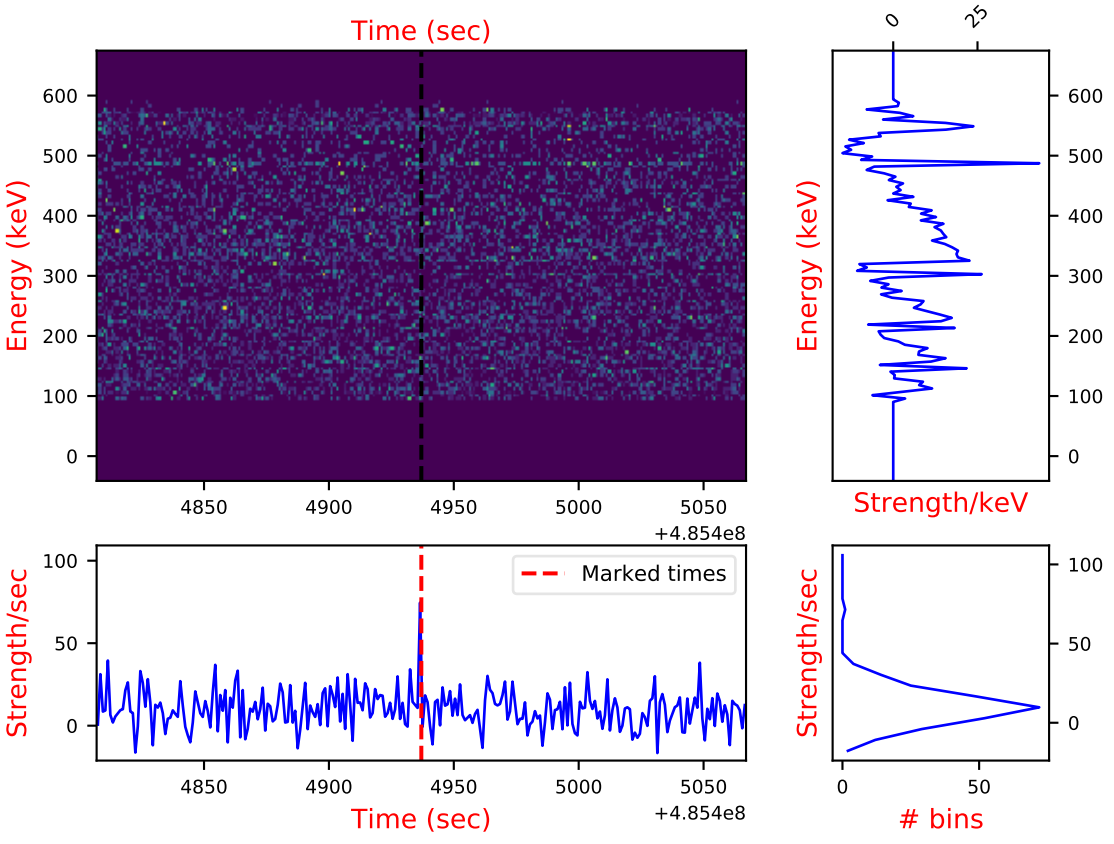

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
−50
0
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins

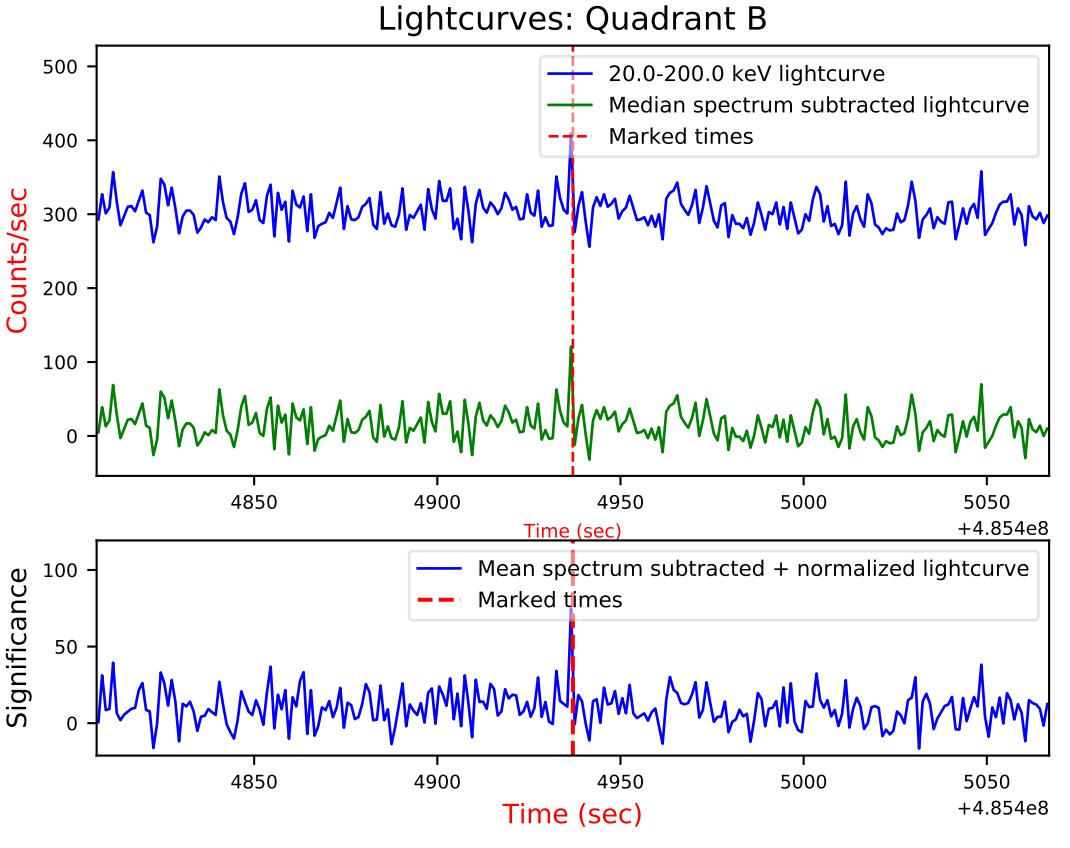

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
0
25
50
Strength/keV
Strength/sec
200
150
100
50
0
Marked times
Time (sec)
bins
100

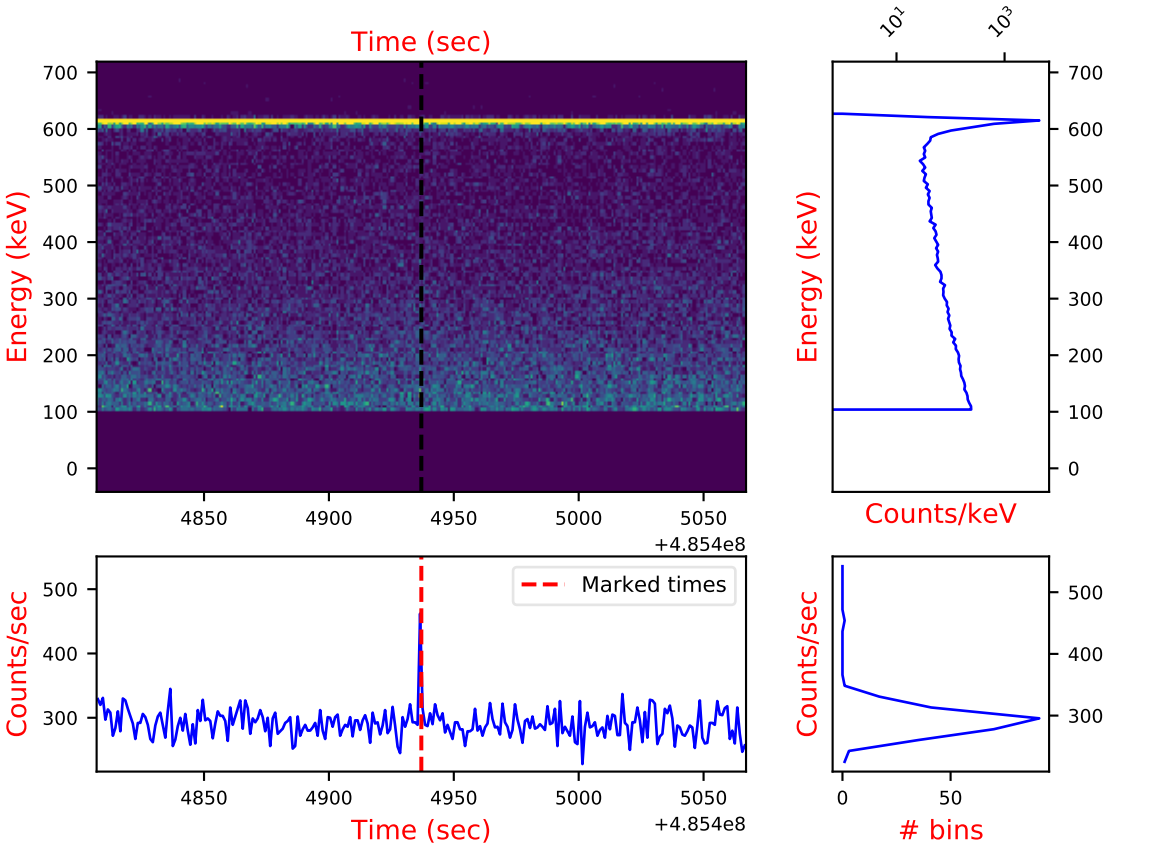

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
150
100
50
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8

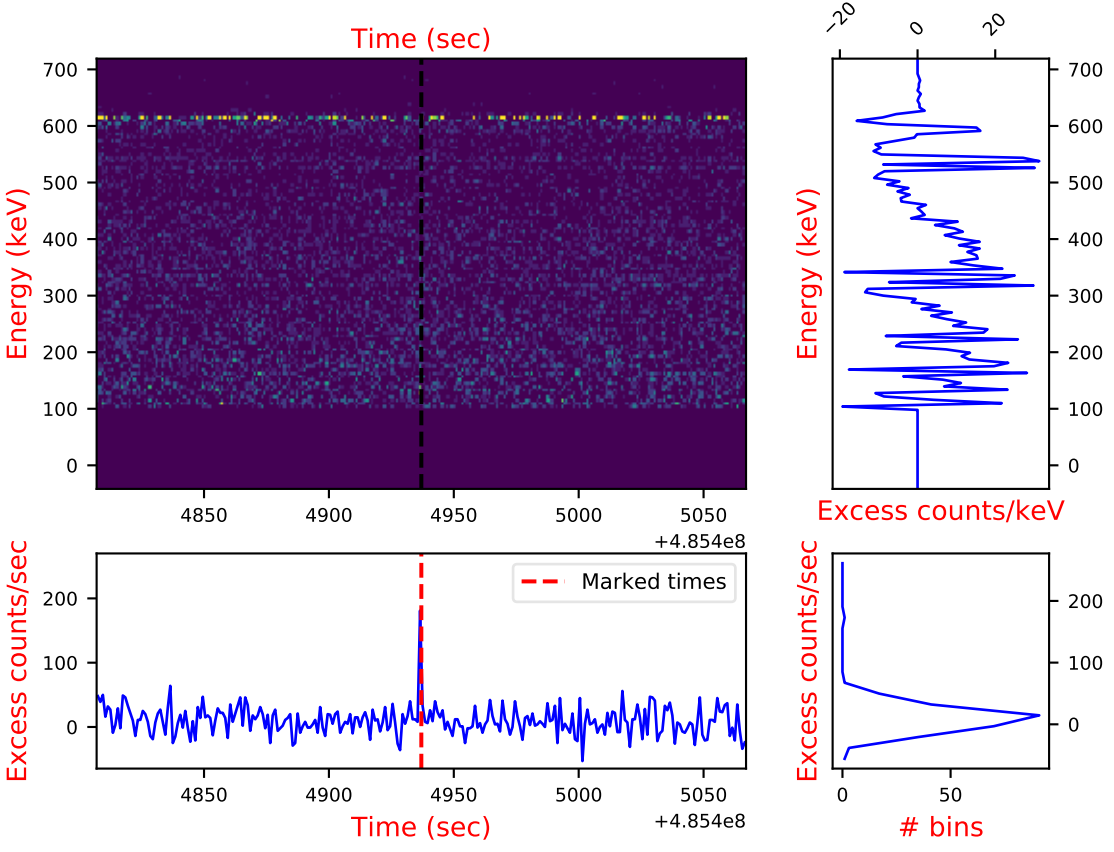

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
450
400
350
300
250
Marked times
Time (sec)
+4.854e8
Counts/sec
0
25
50
bins

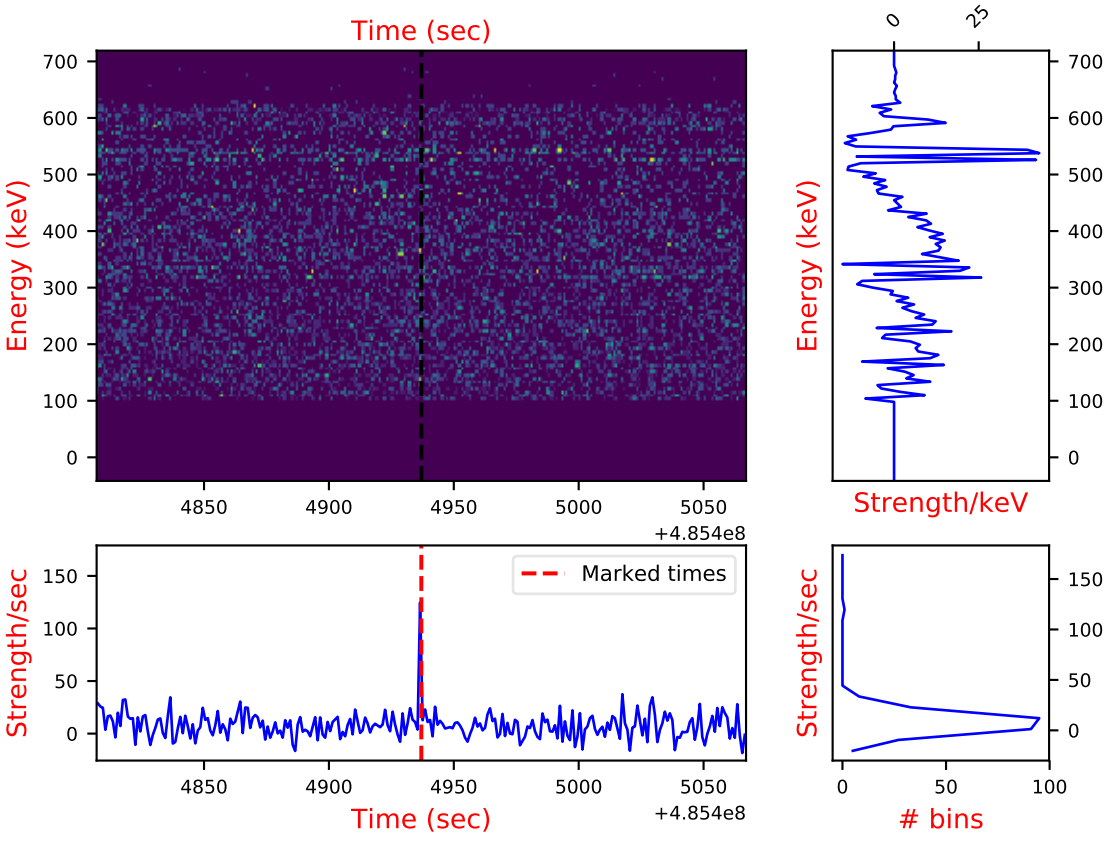

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
0
20
40
Excess counts/keV
Excess counts/sec
150
100
50
0
Marked times
Time (sec)
+4.854e8
25
50
bins

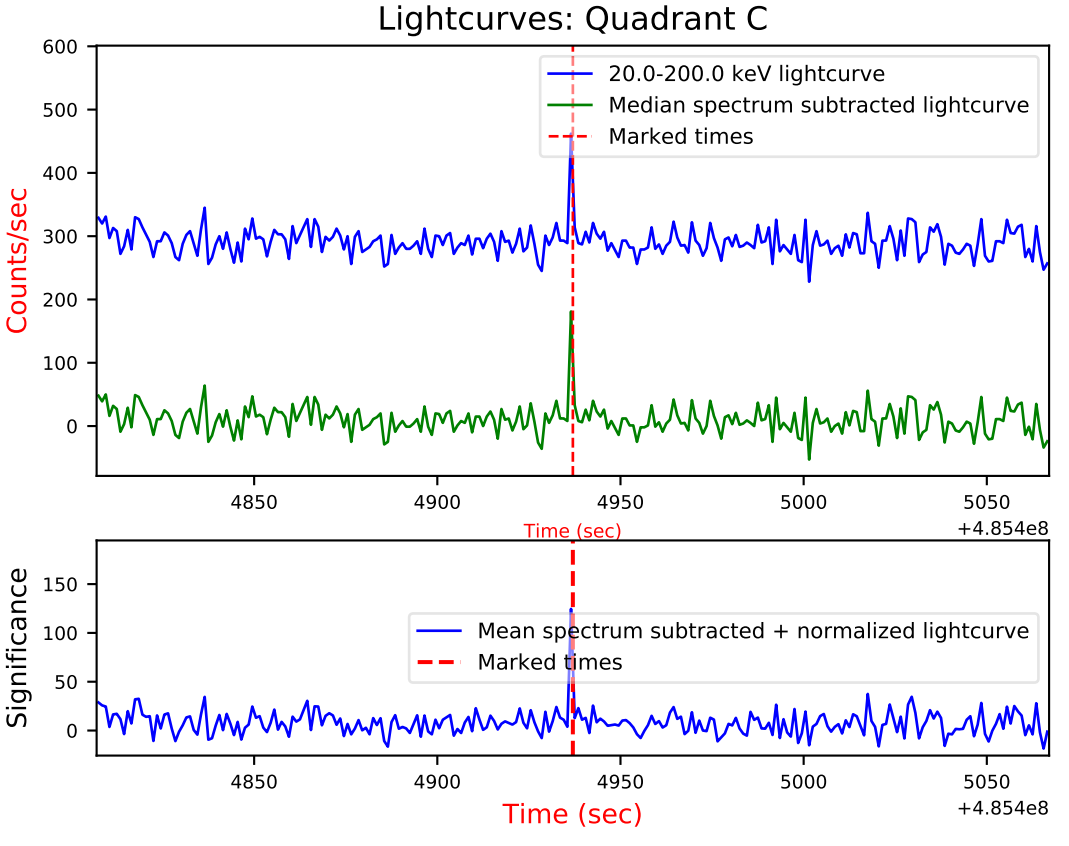

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
0
25
Strength/keV
Strength/sec
Marked times
100
50
0
bins

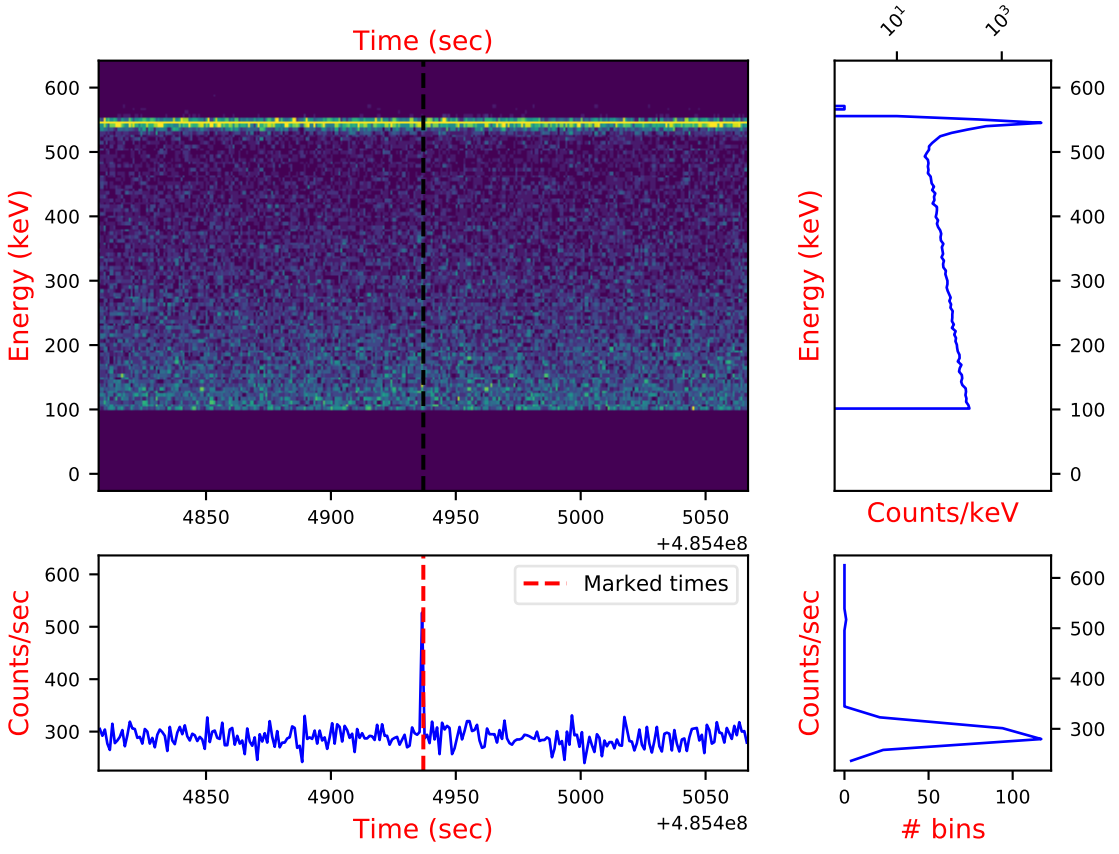

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8

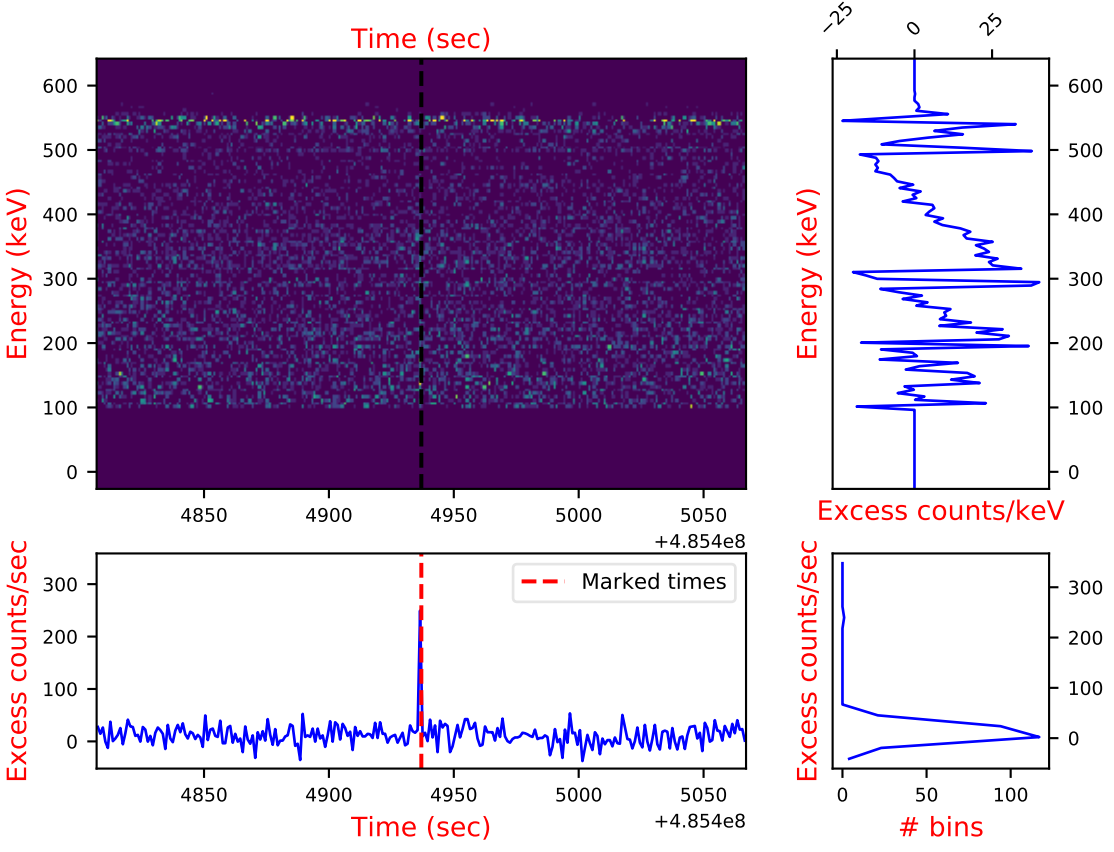

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
bins
50

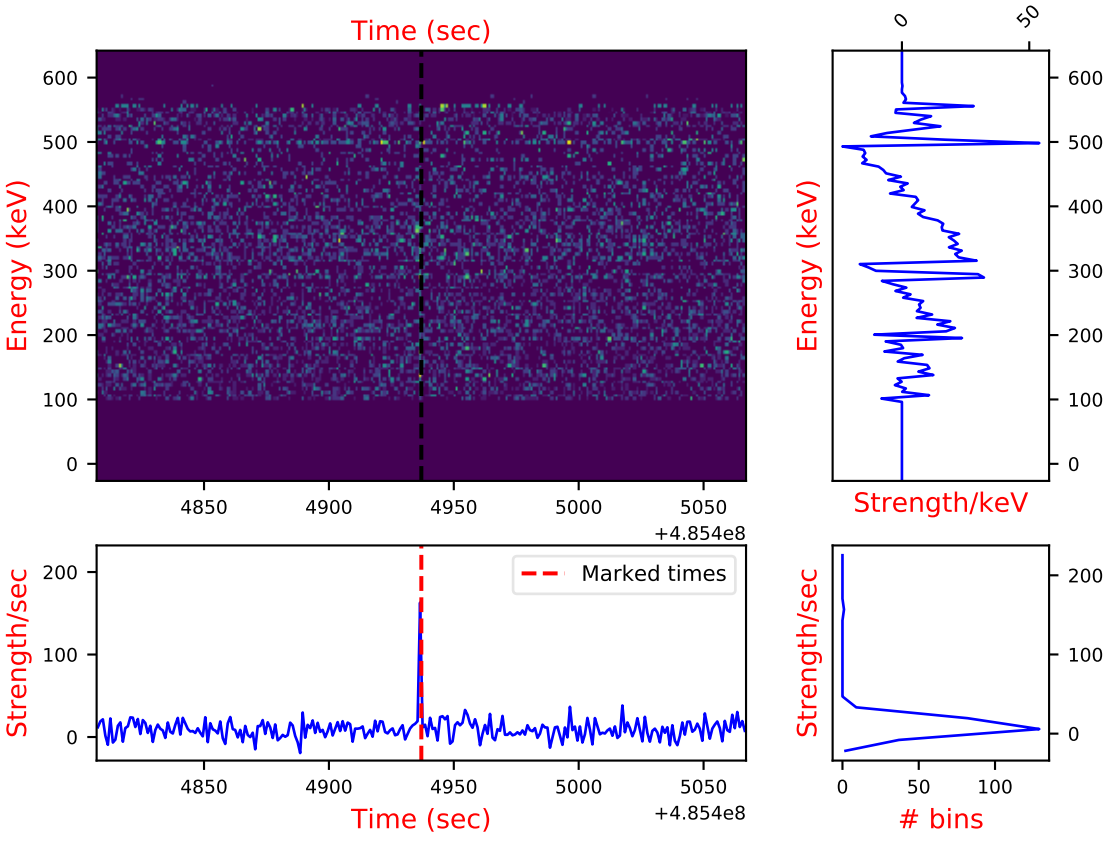

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
−20
0
20
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins
50

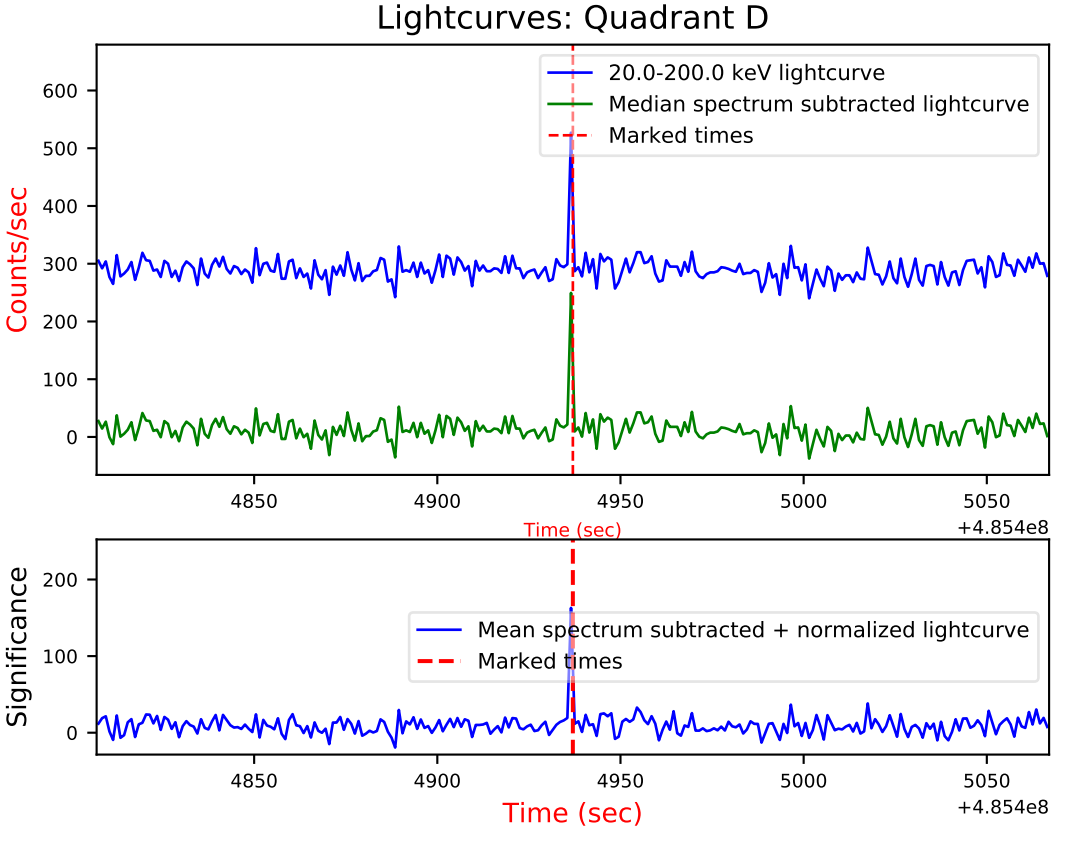

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
0
25
Strength/keV
Strength/sec
150
100
50
0
Marked times
Time (sec)
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
150
100
50
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
bins
50
100


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
−25
0
25
Excess counts/keV
Excess counts/sec
Marked times
Time (sec)
bins
50
100


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
+4.854e8
0
50
Strength/keV
Strength/sec
200
100
0
Marked times
Time (sec)
bins


Lightcurves: Quadrant D
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
100
0
4850
4900
4950
5000
5050
Time (sec)
+4.854e8