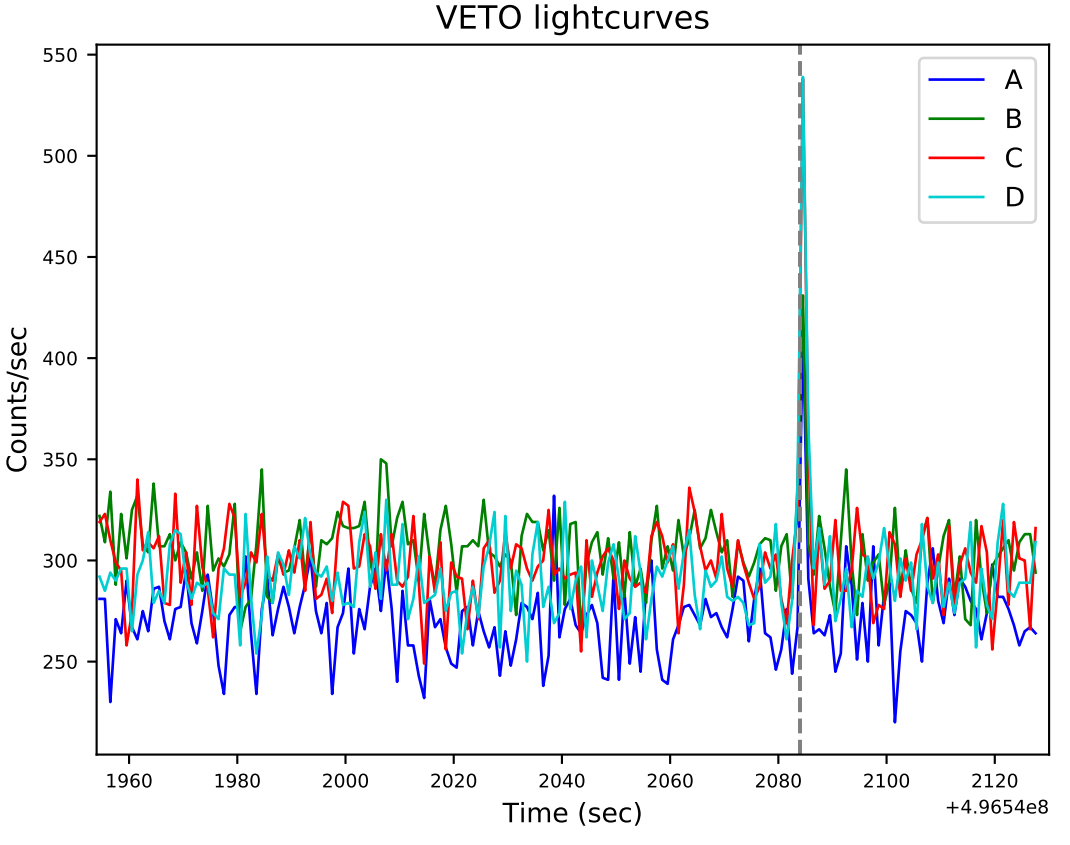
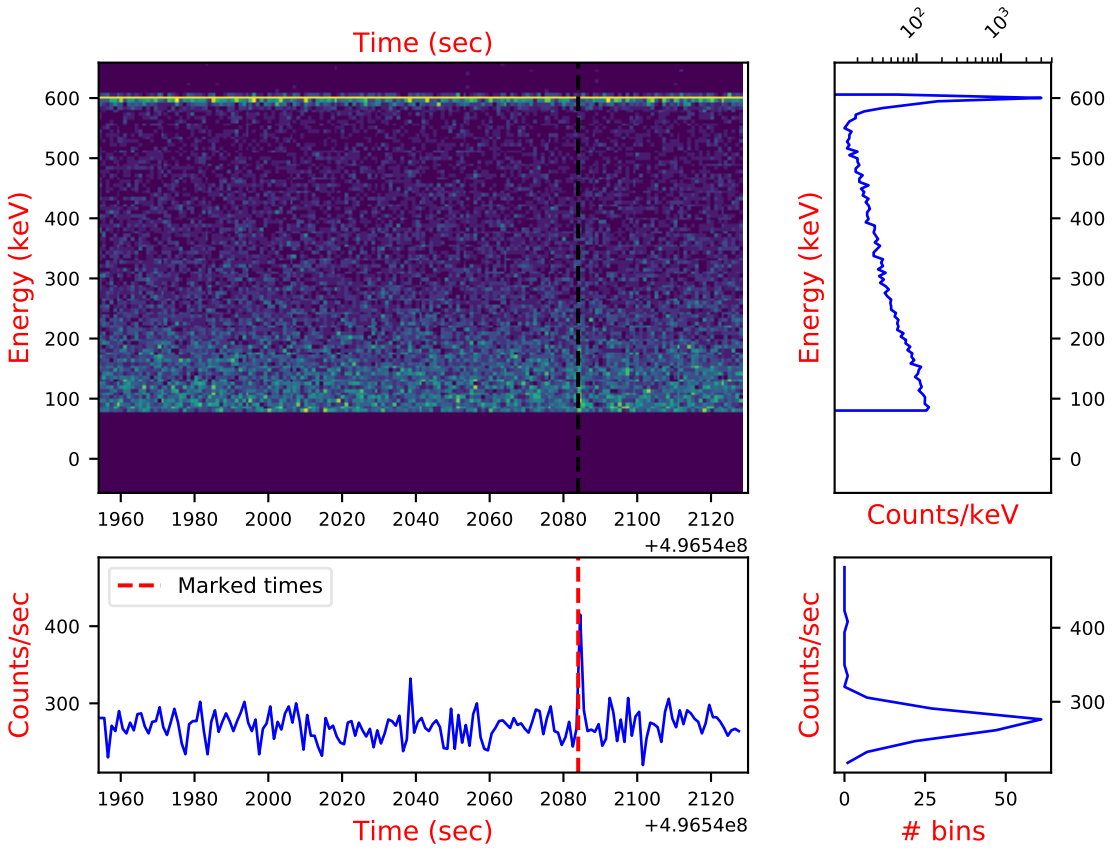
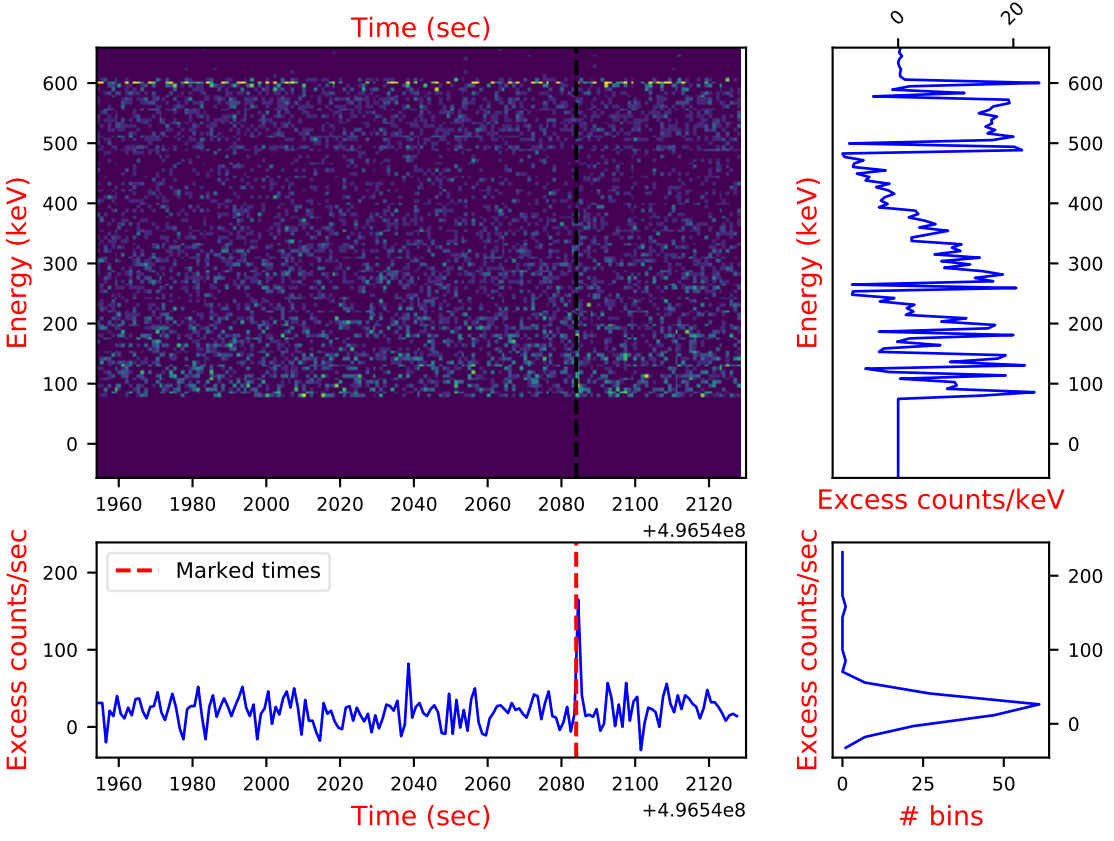
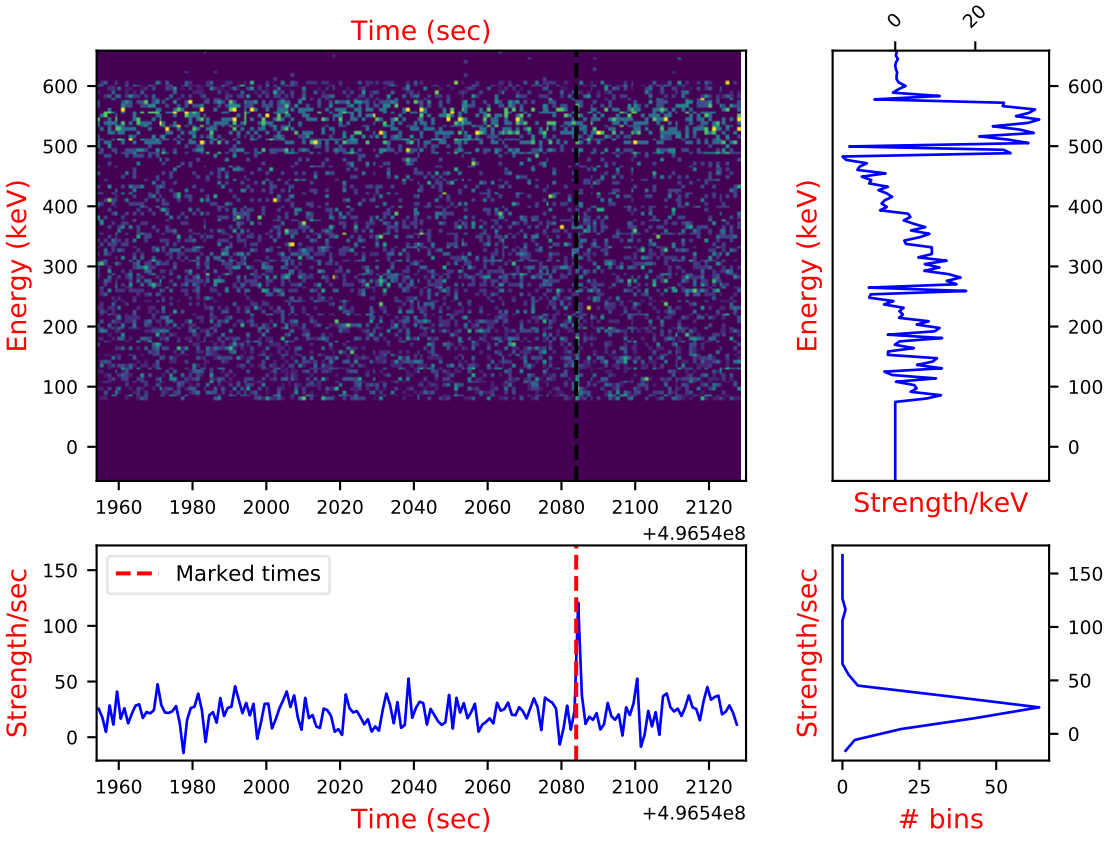
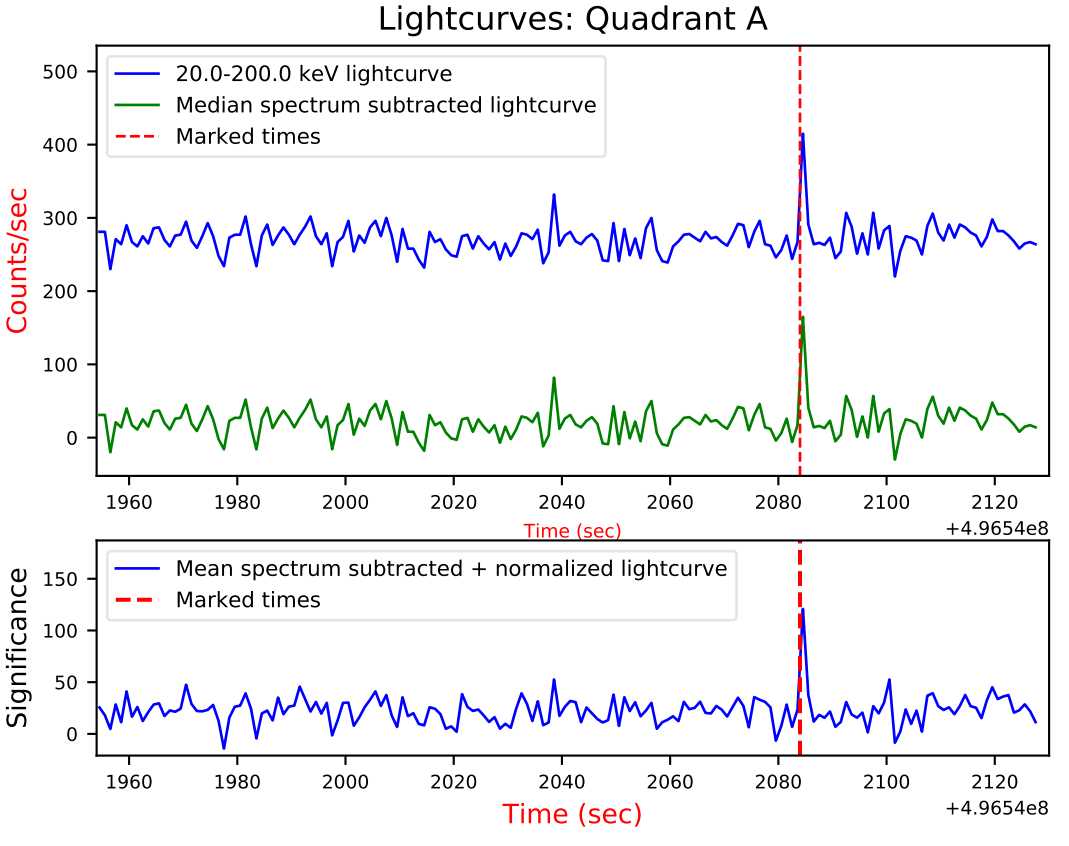
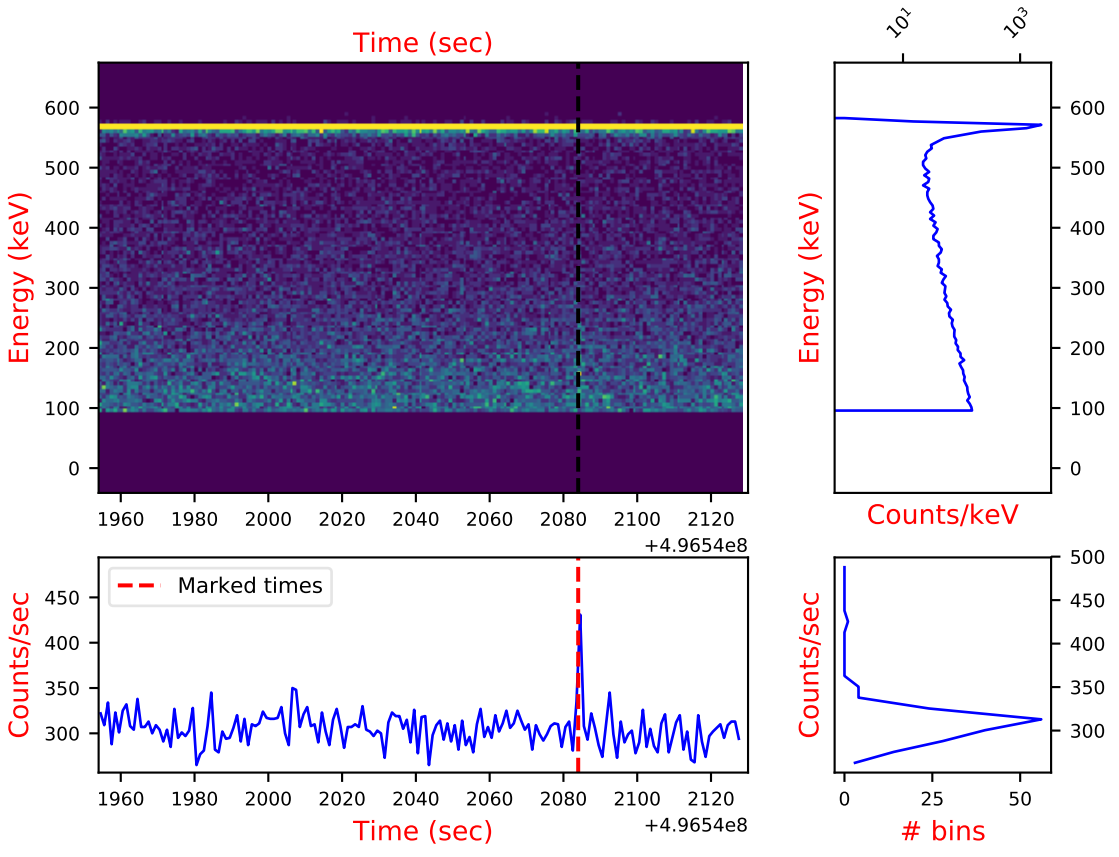

VETO lightcurves
A
B
C
D
Counts/sec
550
500
450
400
350
300
250
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8

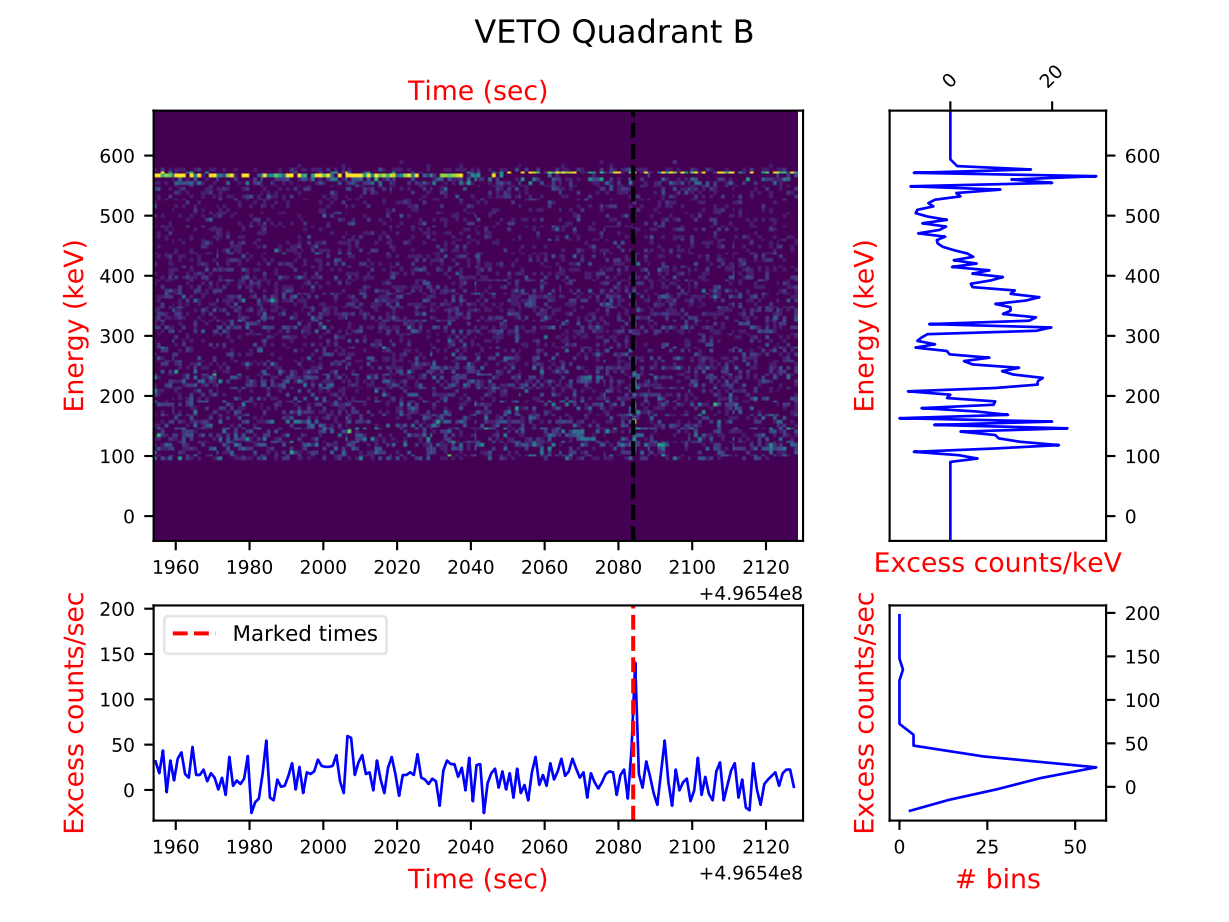

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
10^2
10^3
Counts/keV
Marked times
Counts/sec
400
300
Time (sec)
+4.9654e8
0
25
50
bins

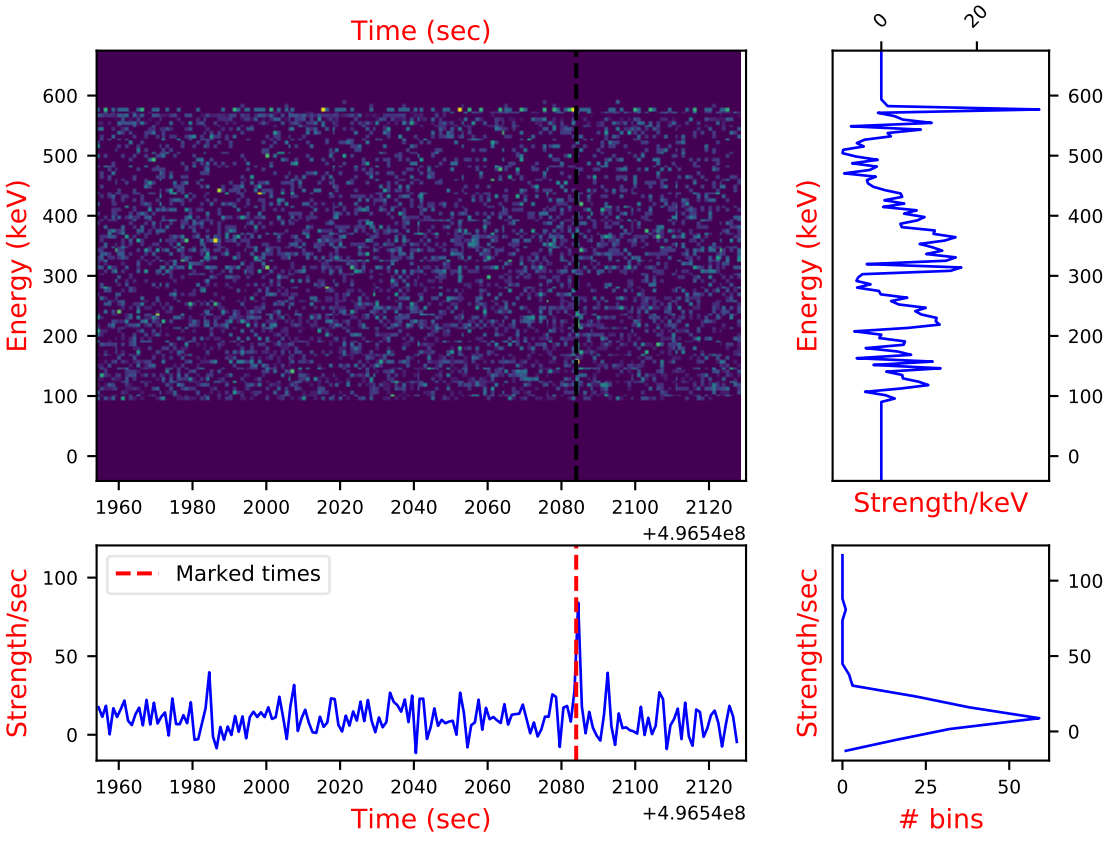

VETO Quadrant A
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
0
100
200
Time (sec)
+4.9654e8
Excess counts/sec
0
25
50
bins

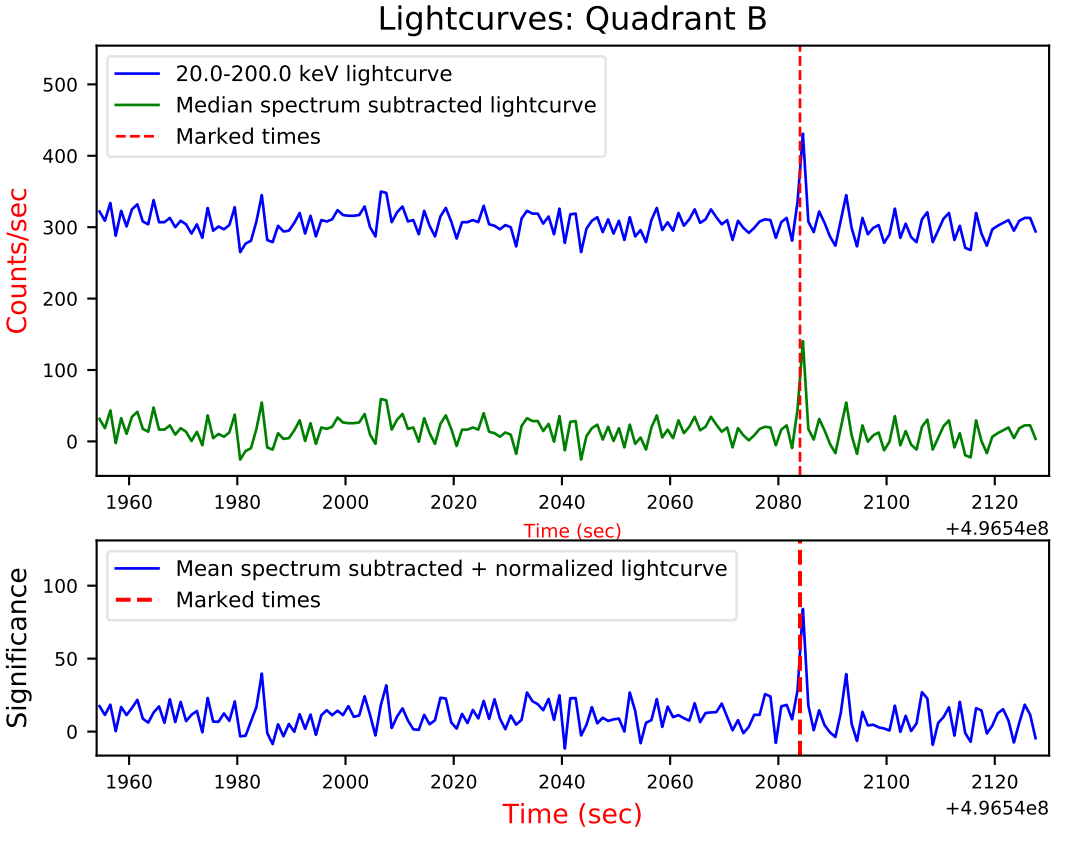

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
150
100
50
0
Time (sec)
bins
25

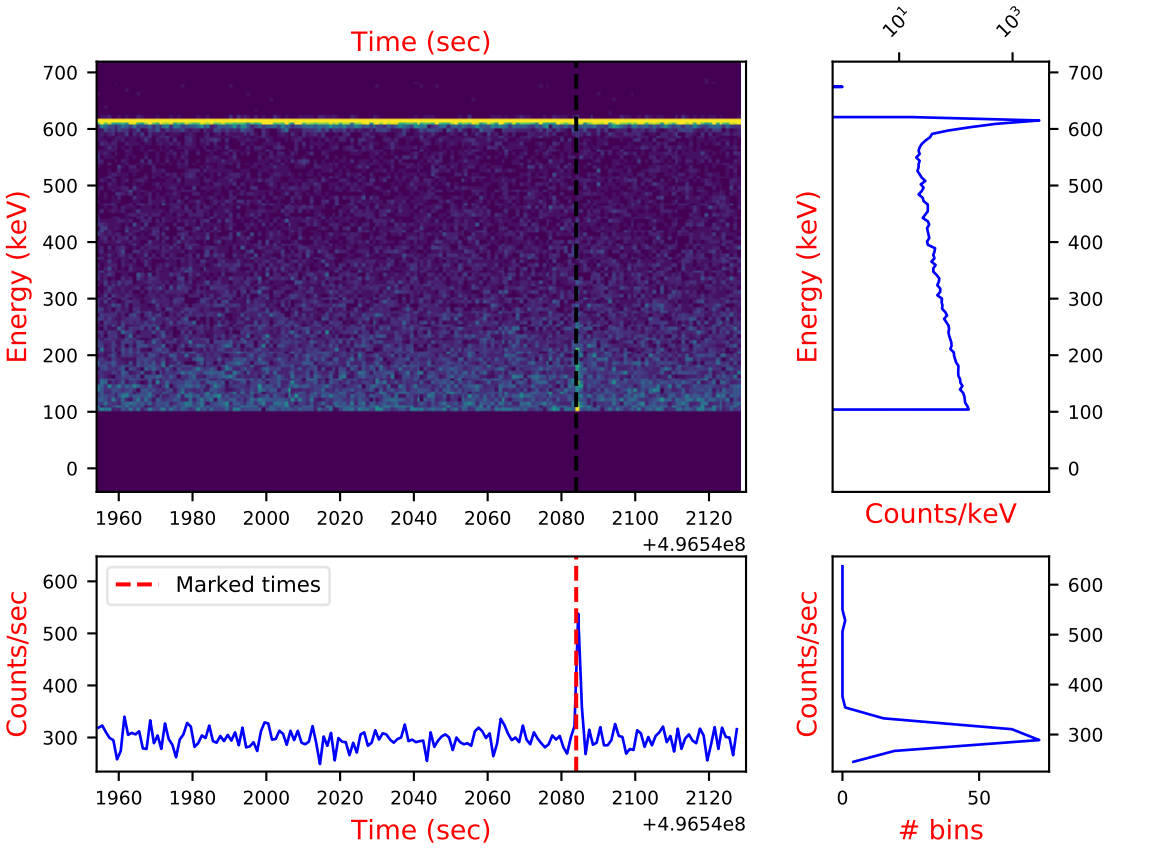

Lightcurves: Quadrant A
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
150
100
50
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8

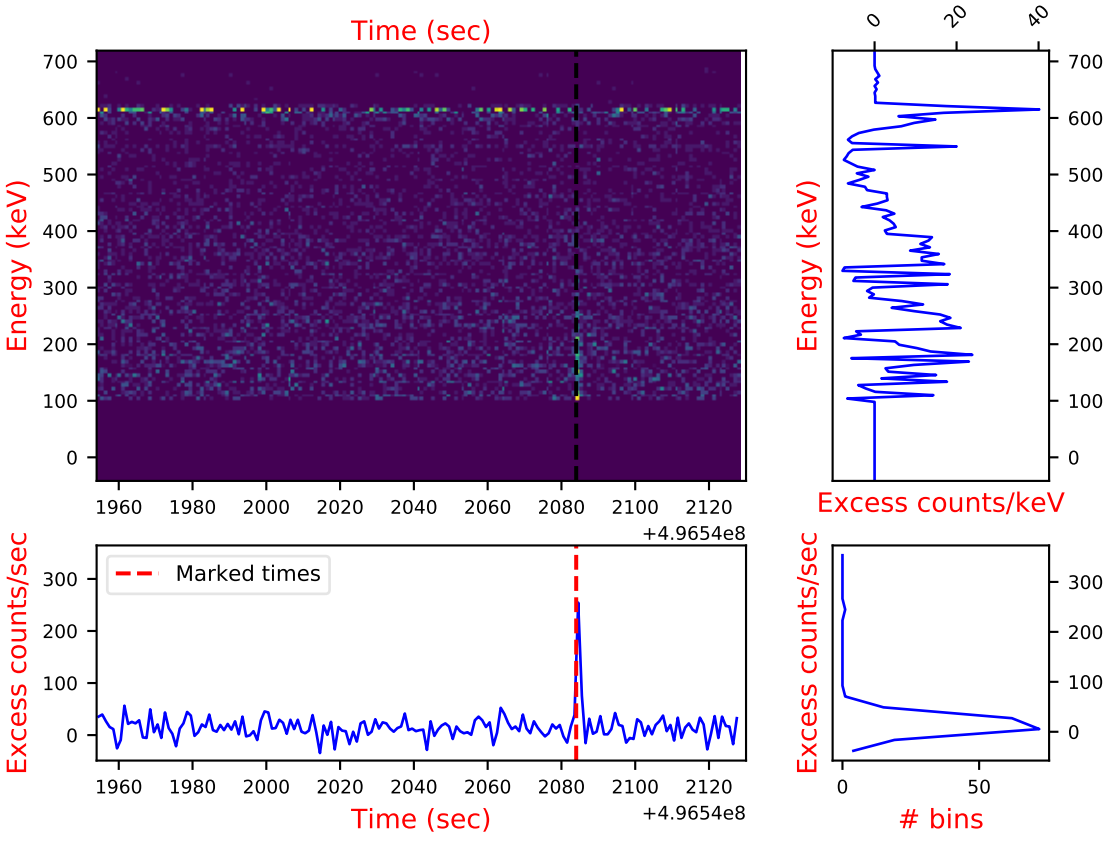

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
450
400
350
300
Time (sec)
+4.9654e8
Counts/sec
500
450
400
350
300
0
25
50
bins

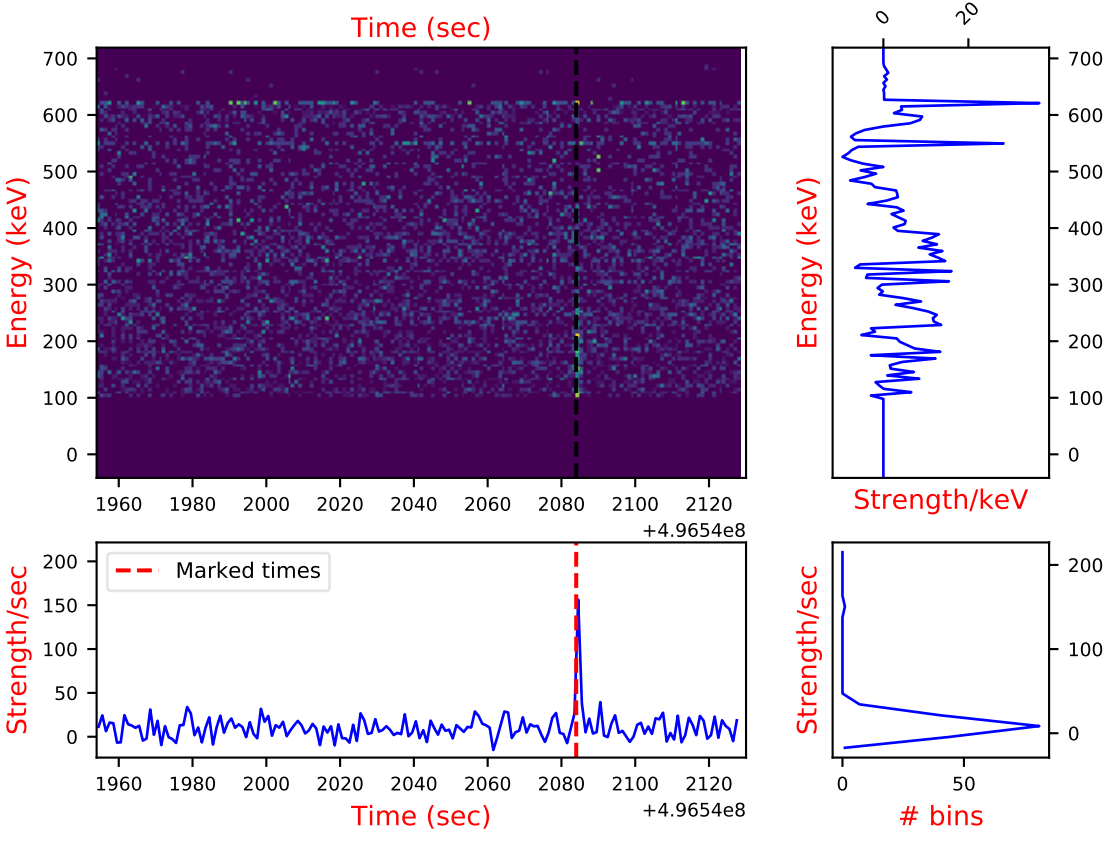

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Energy (keV)
Excess counts/keV
Excess counts/sec
200
150
100
50
0
Marked times
Time (sec)
+4.9654e8
Excess counts/sec
25
50
bins

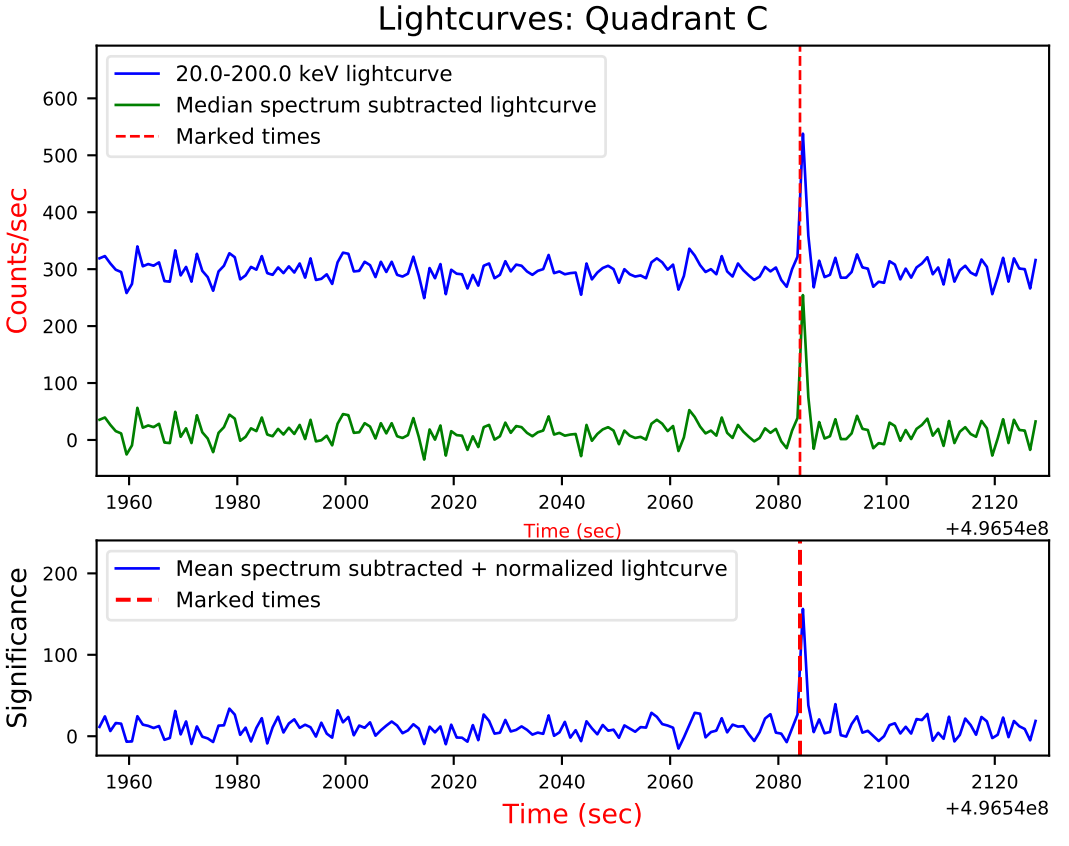

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
100
50
0
Time (sec)
+4.9654e8
Strength/sec
25
50
bins

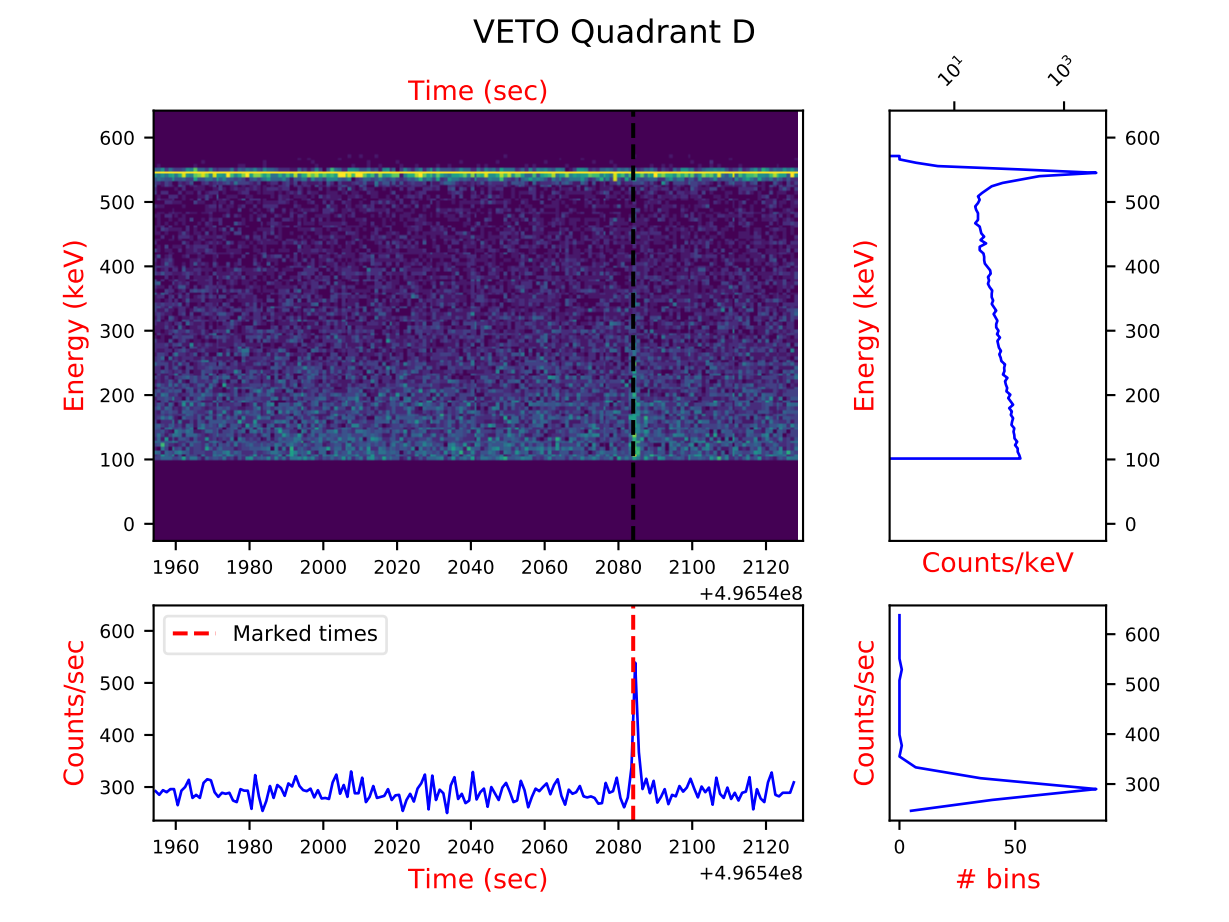

Lightcurves: Quadrant B
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
100
50
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8

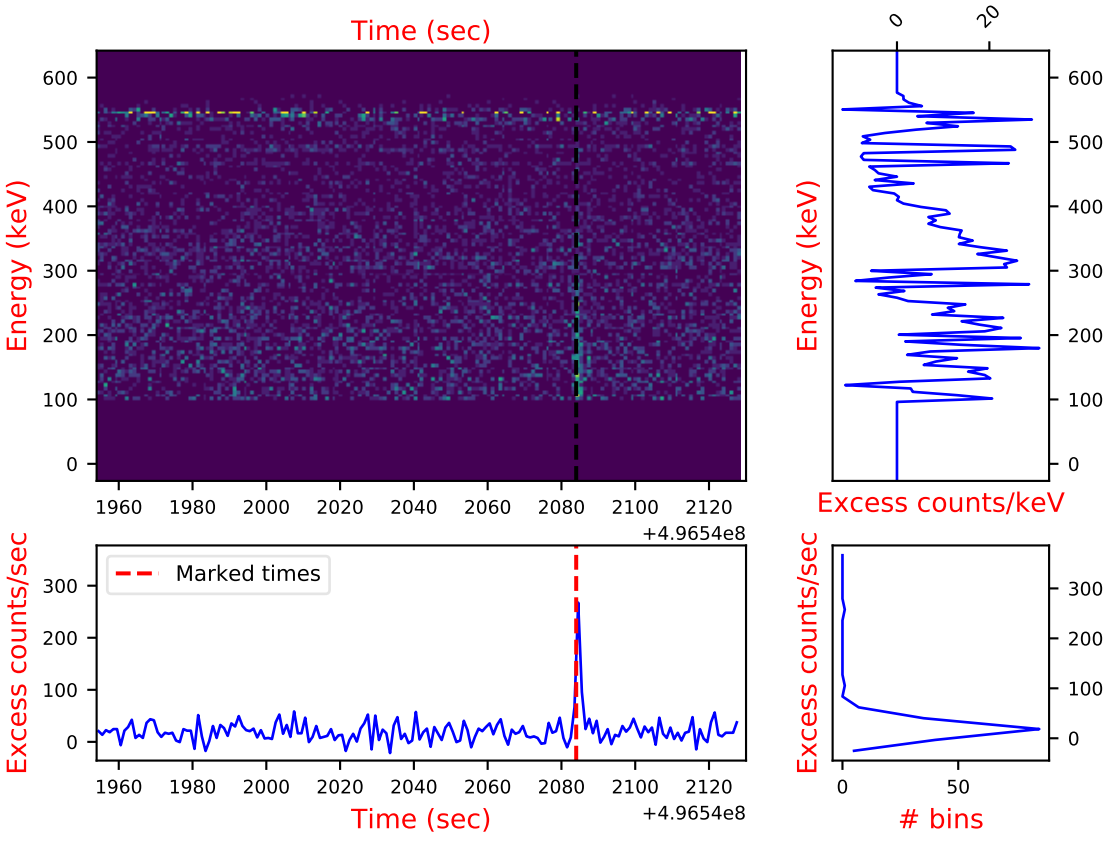

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
10^1
10^3
Counts/keV
Counts/sec
Marked times
Time (sec)
bins
50

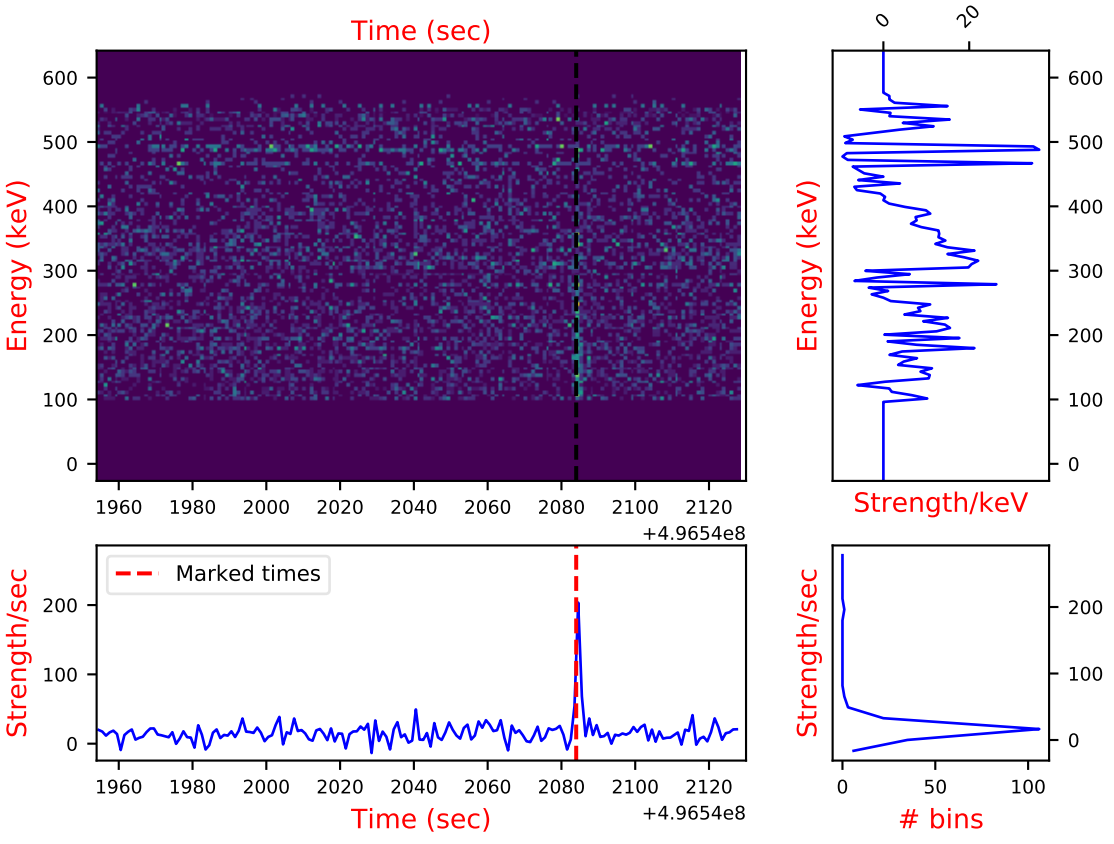

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
40
Excess counts/keV
Excess counts/sec
Marked times
300
200
100
0
Time (sec)
bins
50

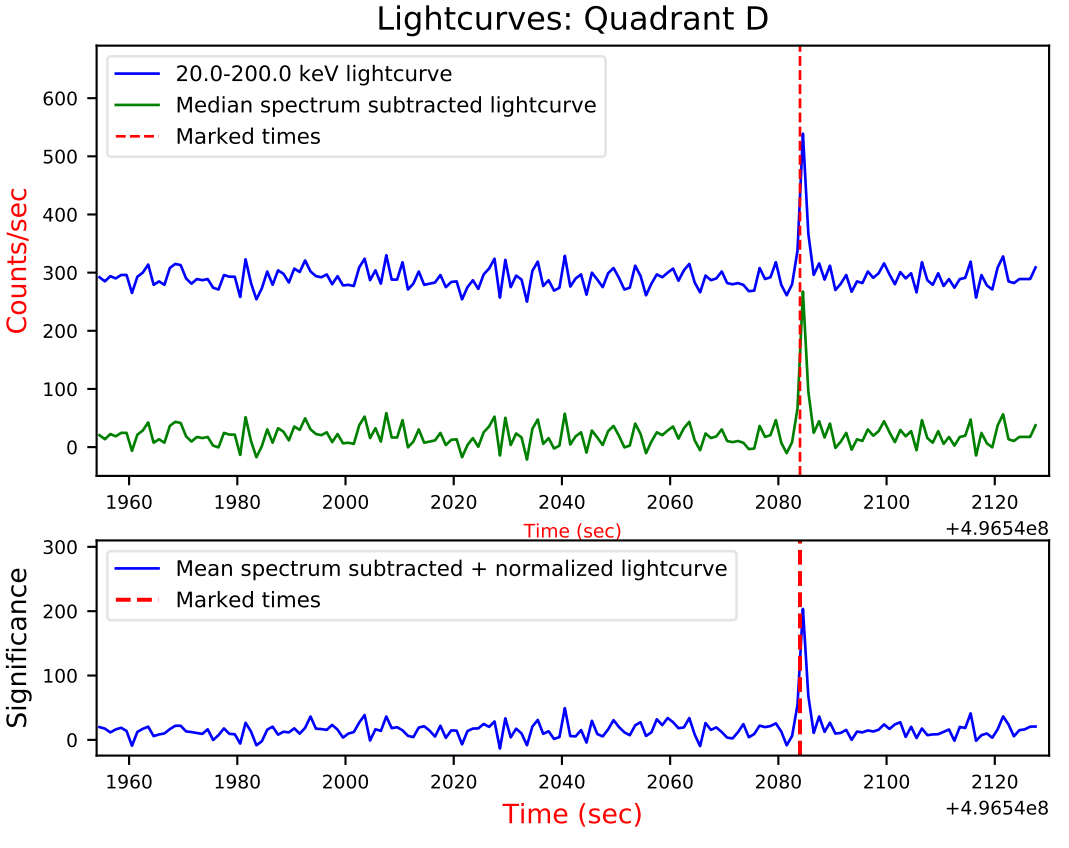

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Strength/keV
Strength/sec
Marked times
200
150
100
50
0
Time (sec)
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
Time (sec)
+4.9654e8
Counts/sec
0
50
bins


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Excess counts/keV
Excess counts/sec
Marked times
0
100
200
300
Time (sec)
+4.9654e8
0
50
bins


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
1960
1980
2000
2020
2040
2060
2080
2100
2120
+4.9654e8
0
20
Strength/keV
Strength/sec
Marked times
0
100
200
Time (sec)
+4.9654e8
0
50
100
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
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
300
200
100
0
1960
1980
2000
2020
2040
2060
2080
2100
2120
Time (sec)
+4.9654e8