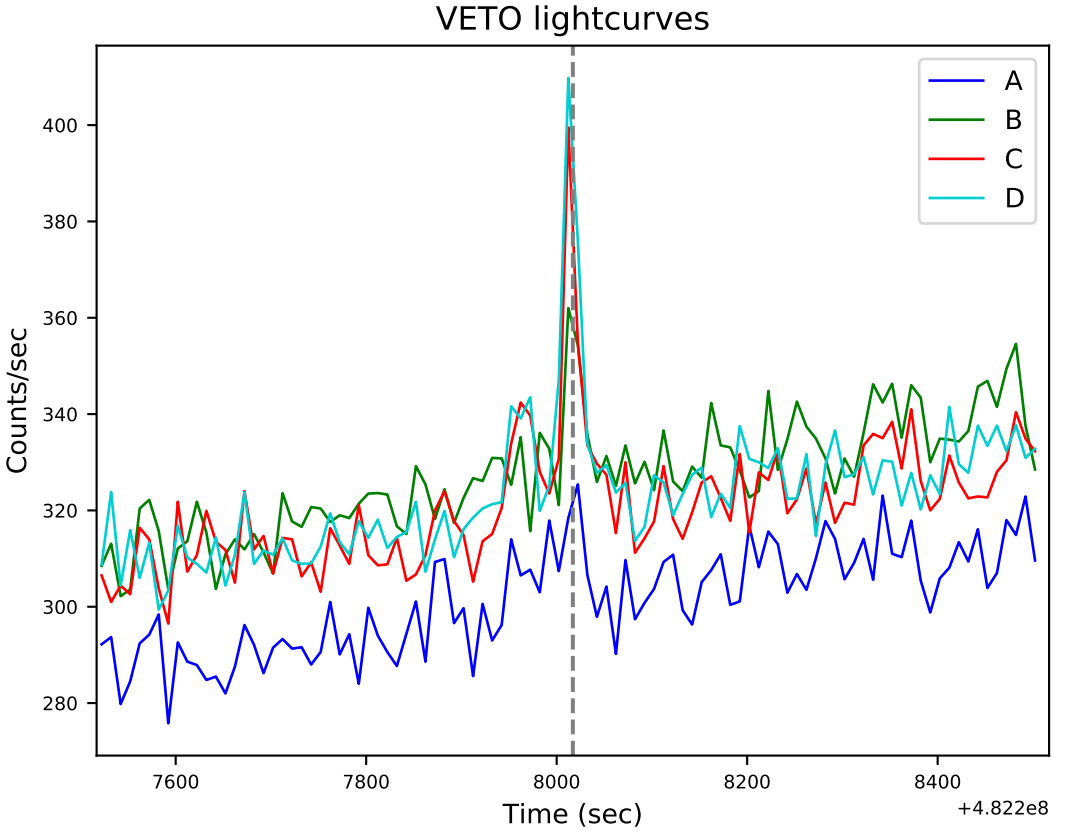
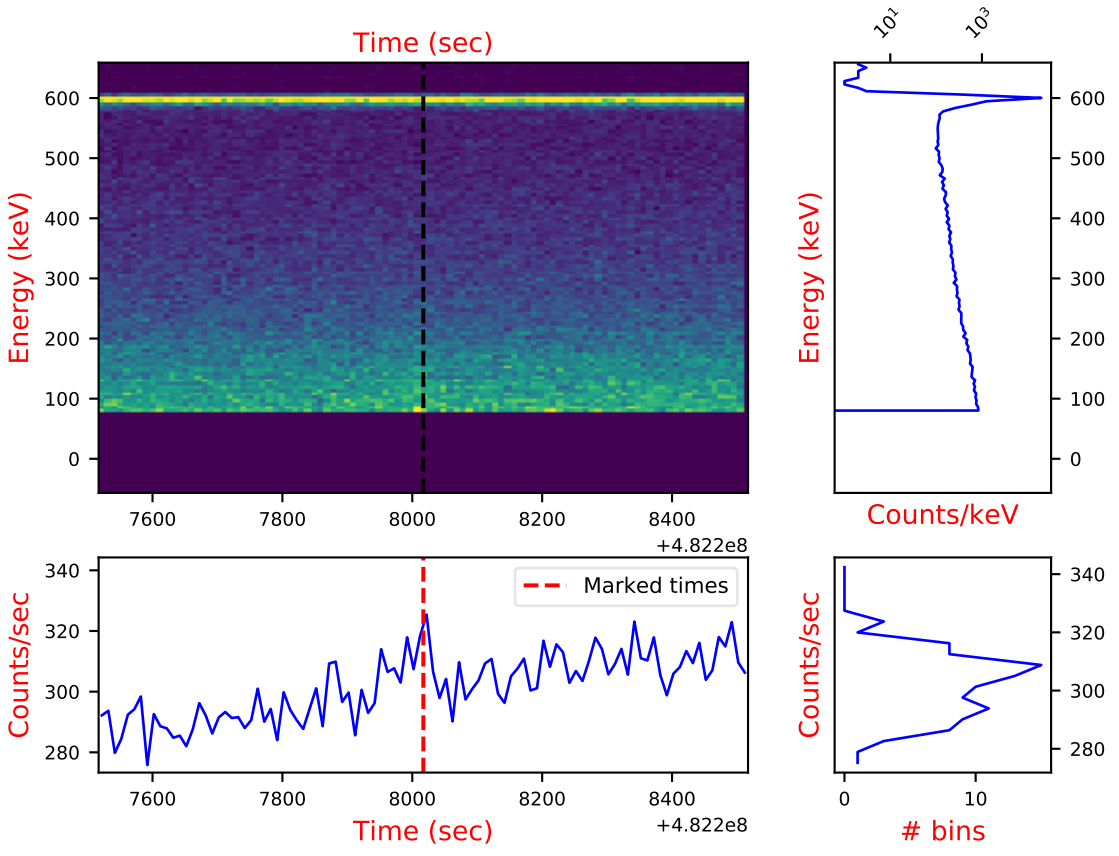
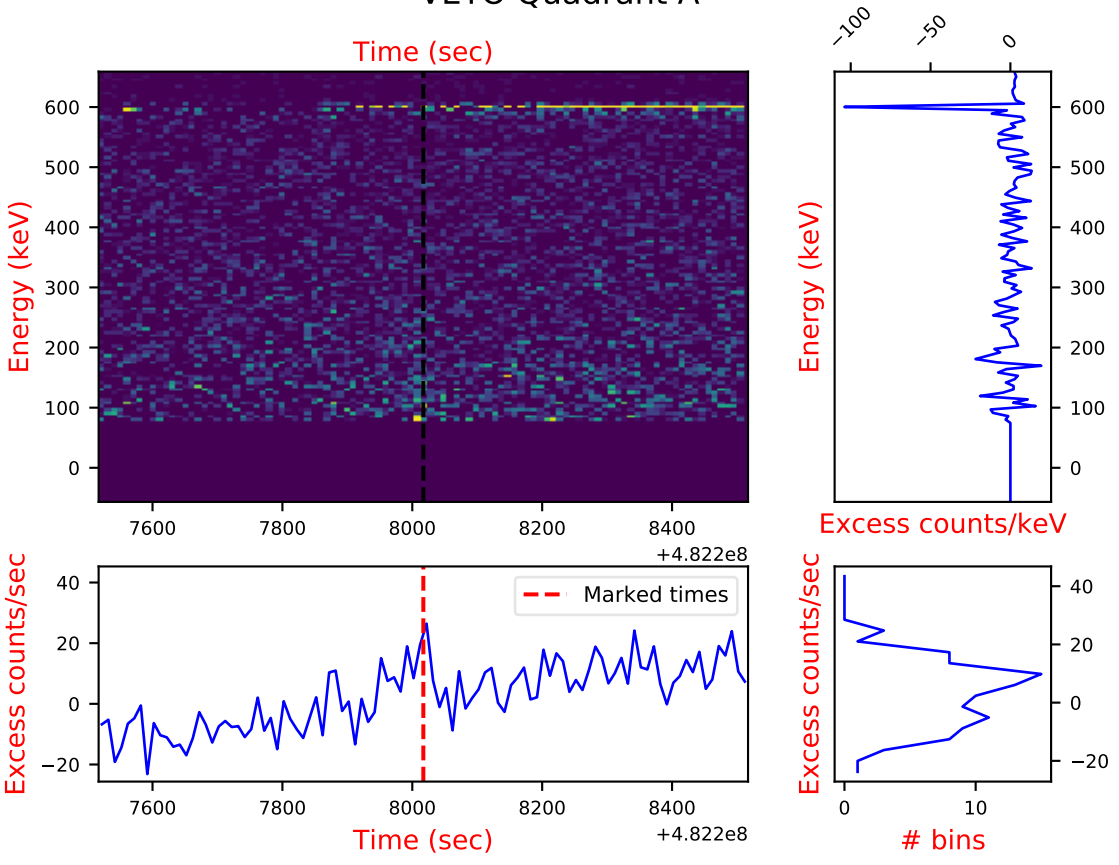
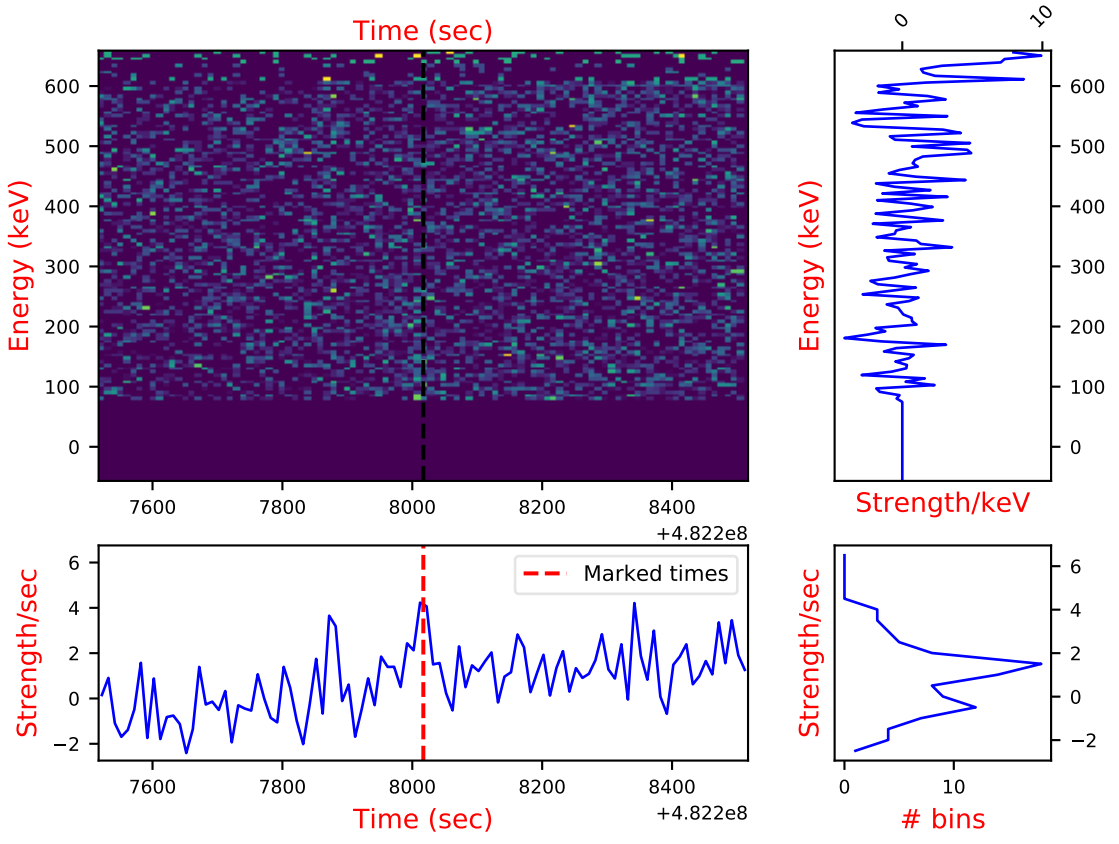
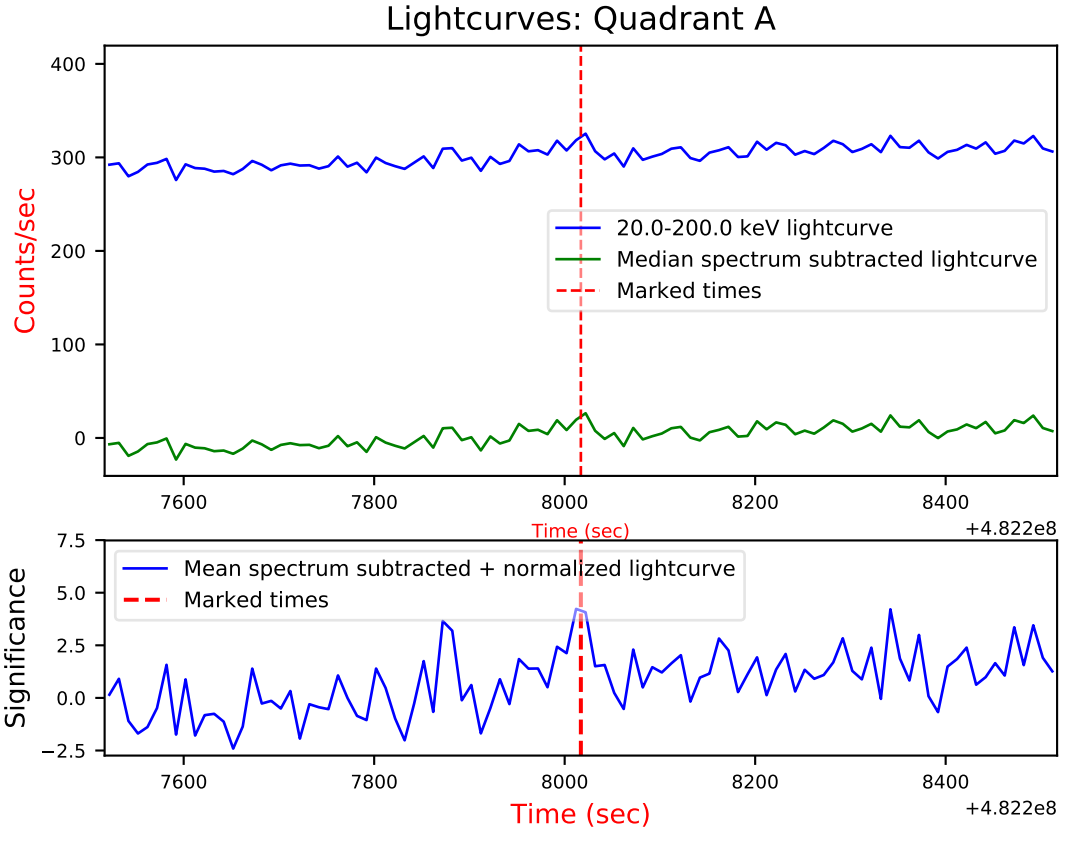
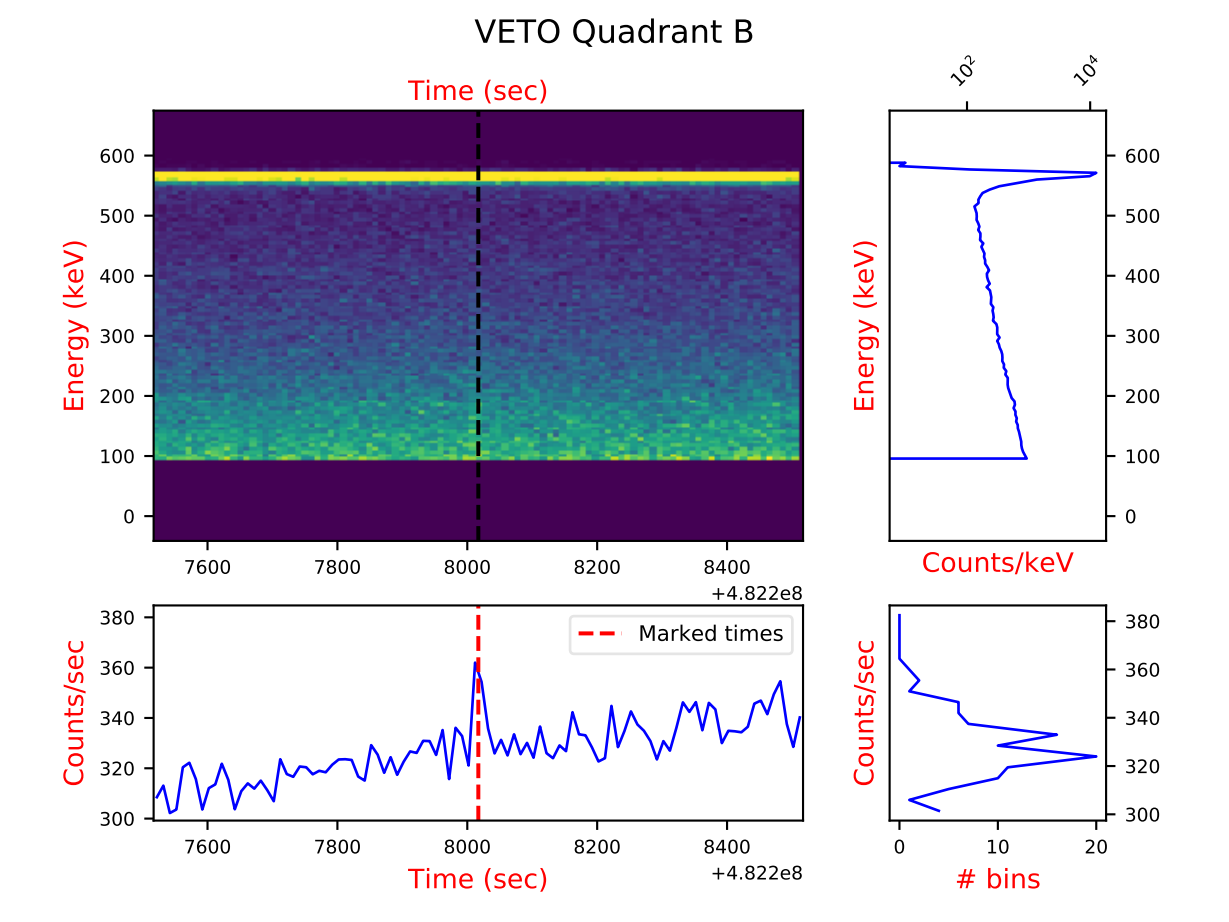

VETO lightcurves
A
B
C
D
Counts/sec
400
380
360
340
320
300
280
7600
7800
8000
8200
8400
Time (sec)
+4.822e8

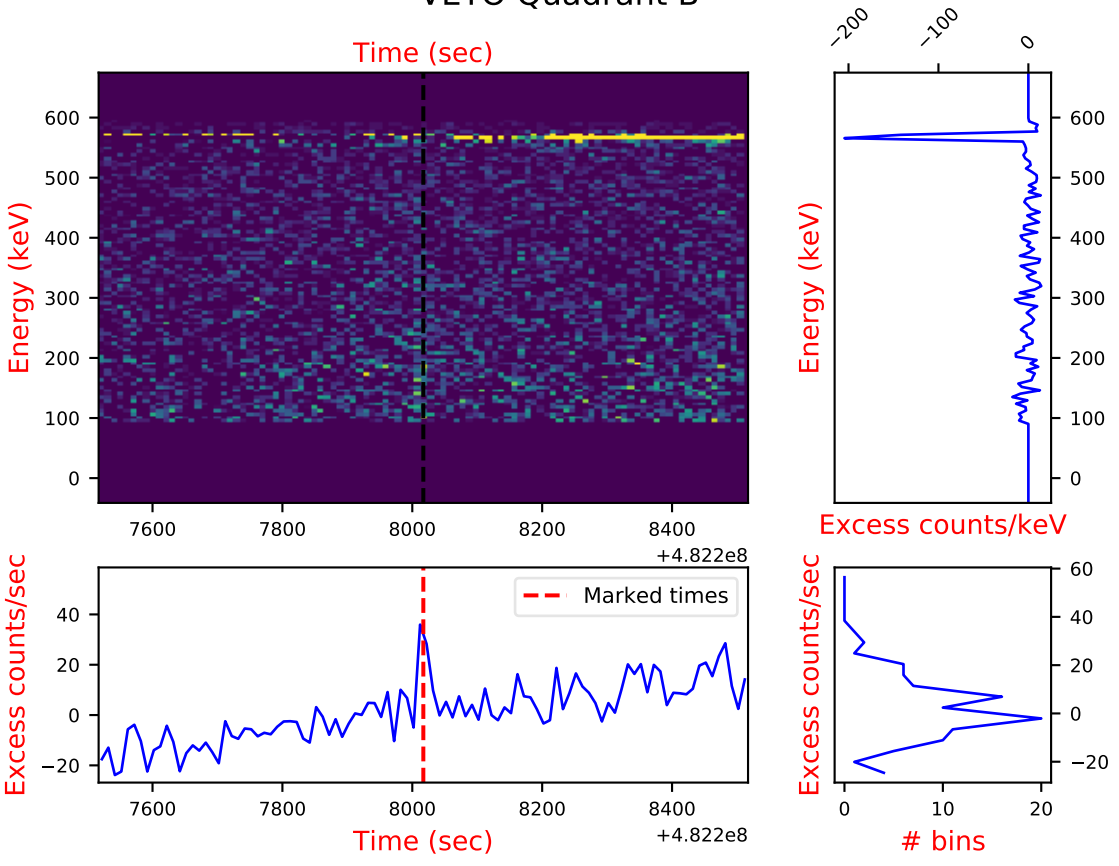

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
340
320
300
280
Marked times
7600
7800
8000
8200
8400
+4.822e8
Time (sec)
Counts/sec
0
10
bins

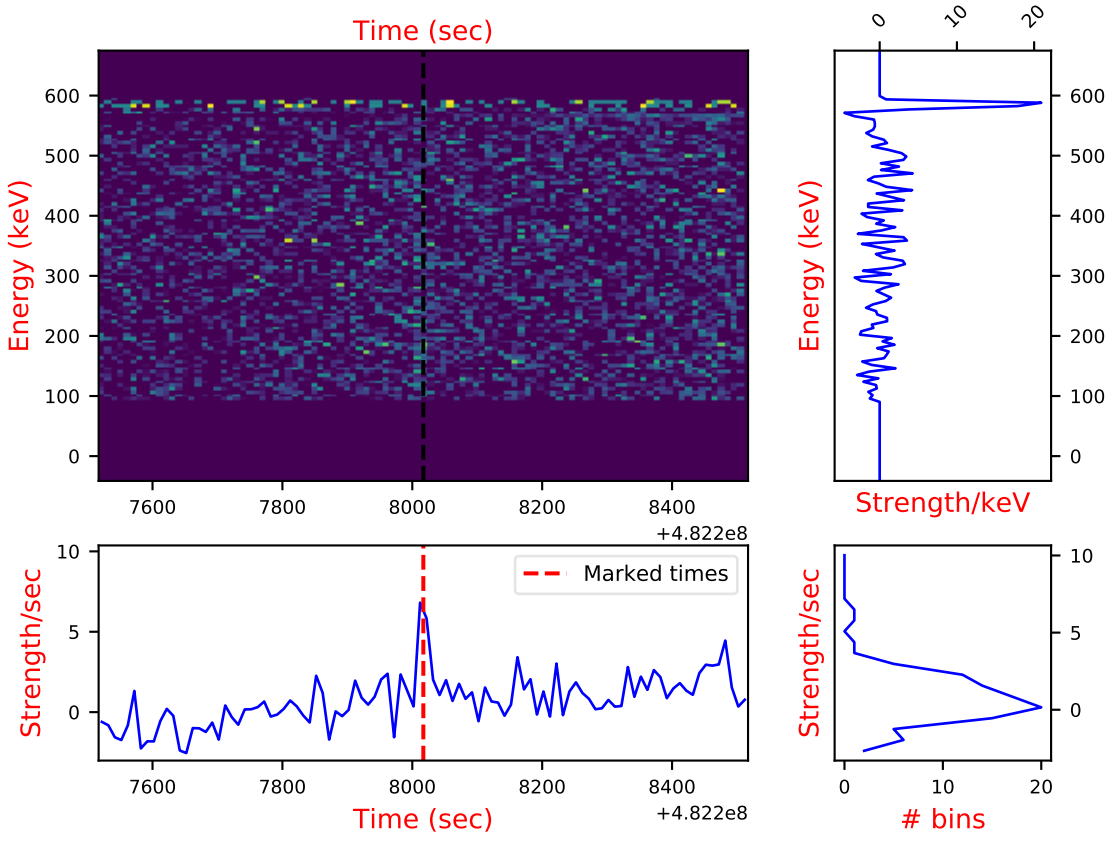

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
−100
−50
0
Excess counts/keV
Excess counts/sec
40
20
0
−20
Marked times
Time (sec)
bins
10

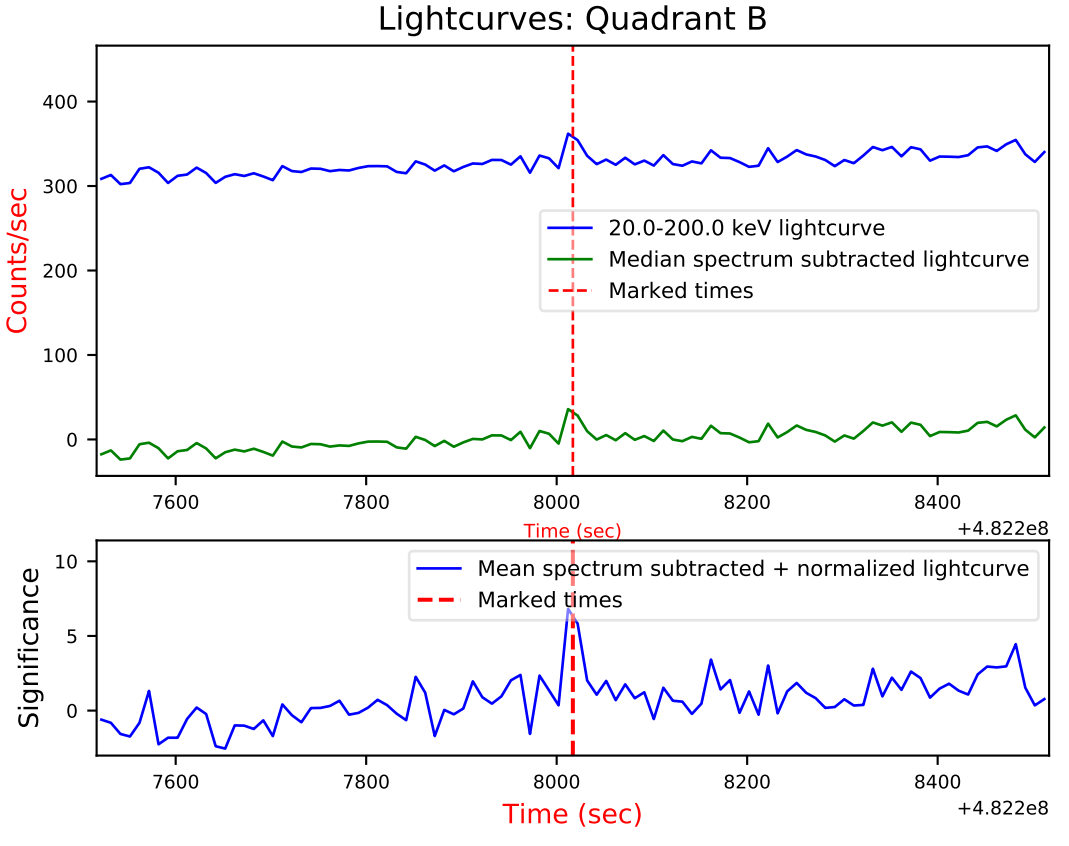

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
0
10
Energy (keV)
Strength/keV
Strength/sec
Marked times
6
4
2
0
−2
Time (sec)
bins

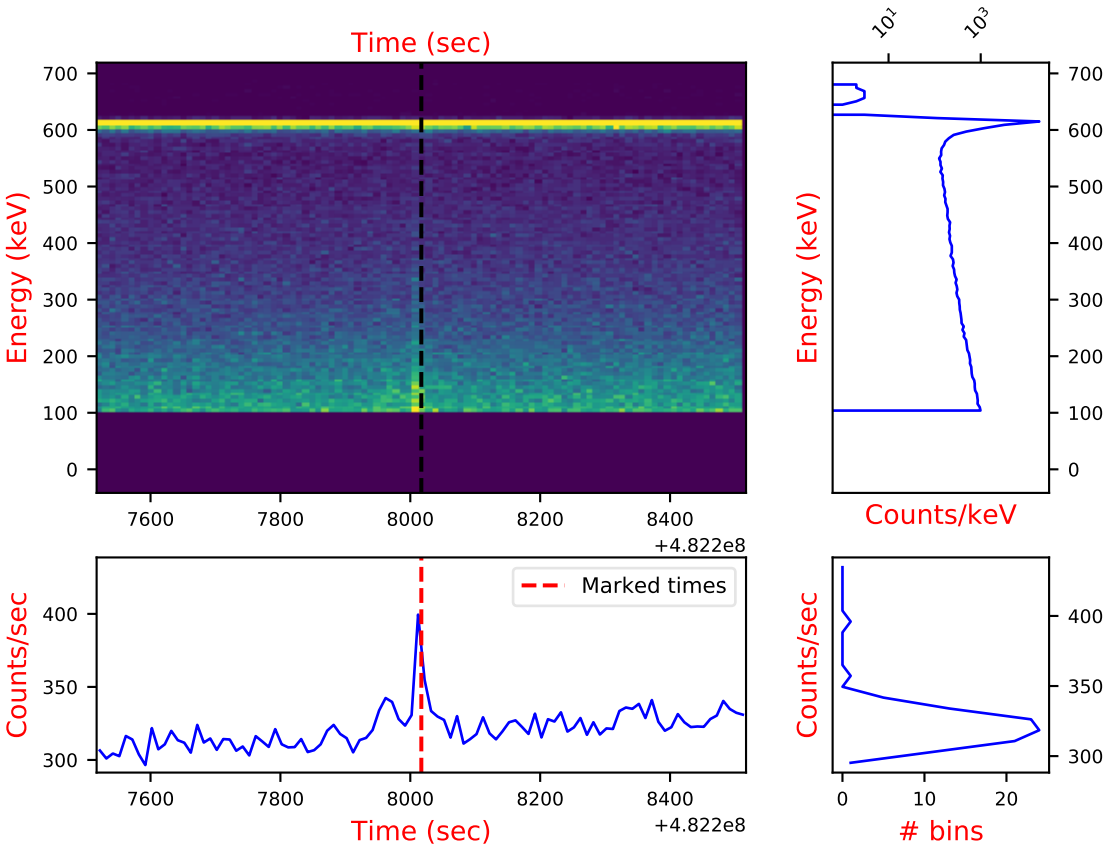

Lightcurves: Quadrant A
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8
Significance
7.5
5.0
2.5
0.0
−2.5
Mean spectrum subtracted + normalized lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8

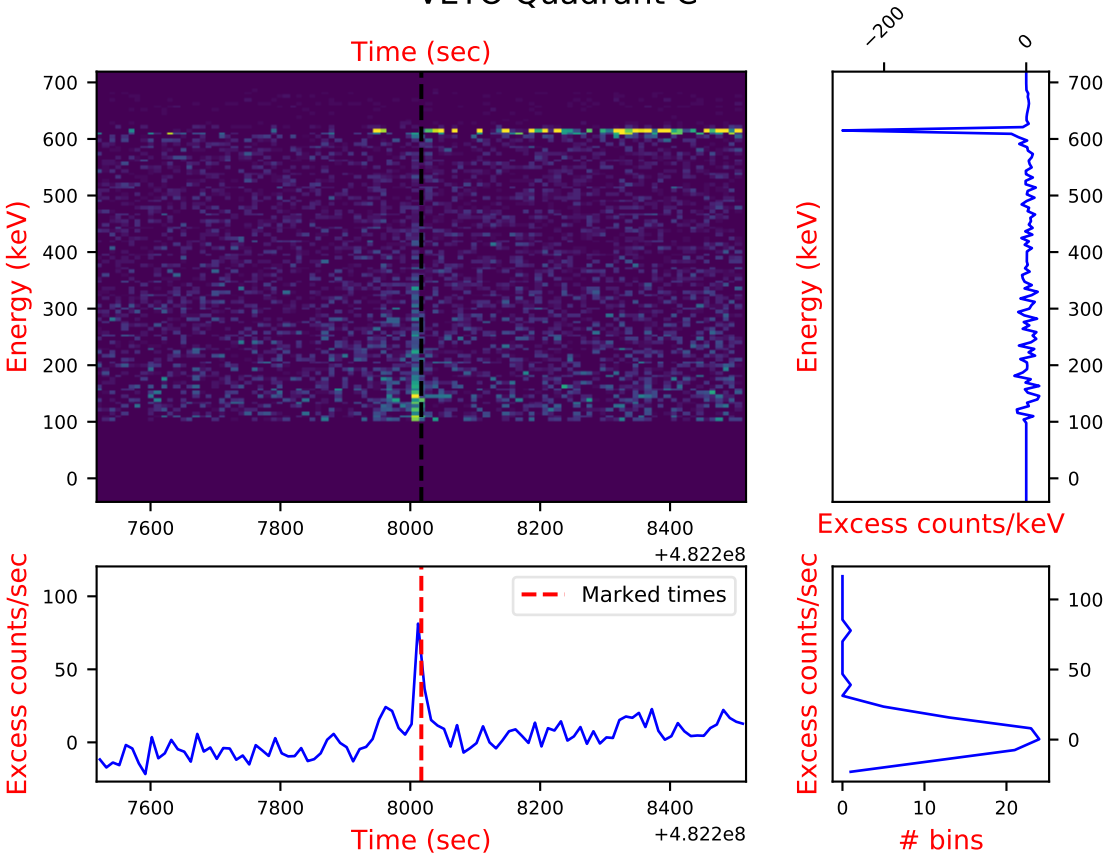

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
10^2
10^4
Counts/keV
Counts/sec
380
360
340
320
300
Marked times
Time (sec)
bins
0
10
20

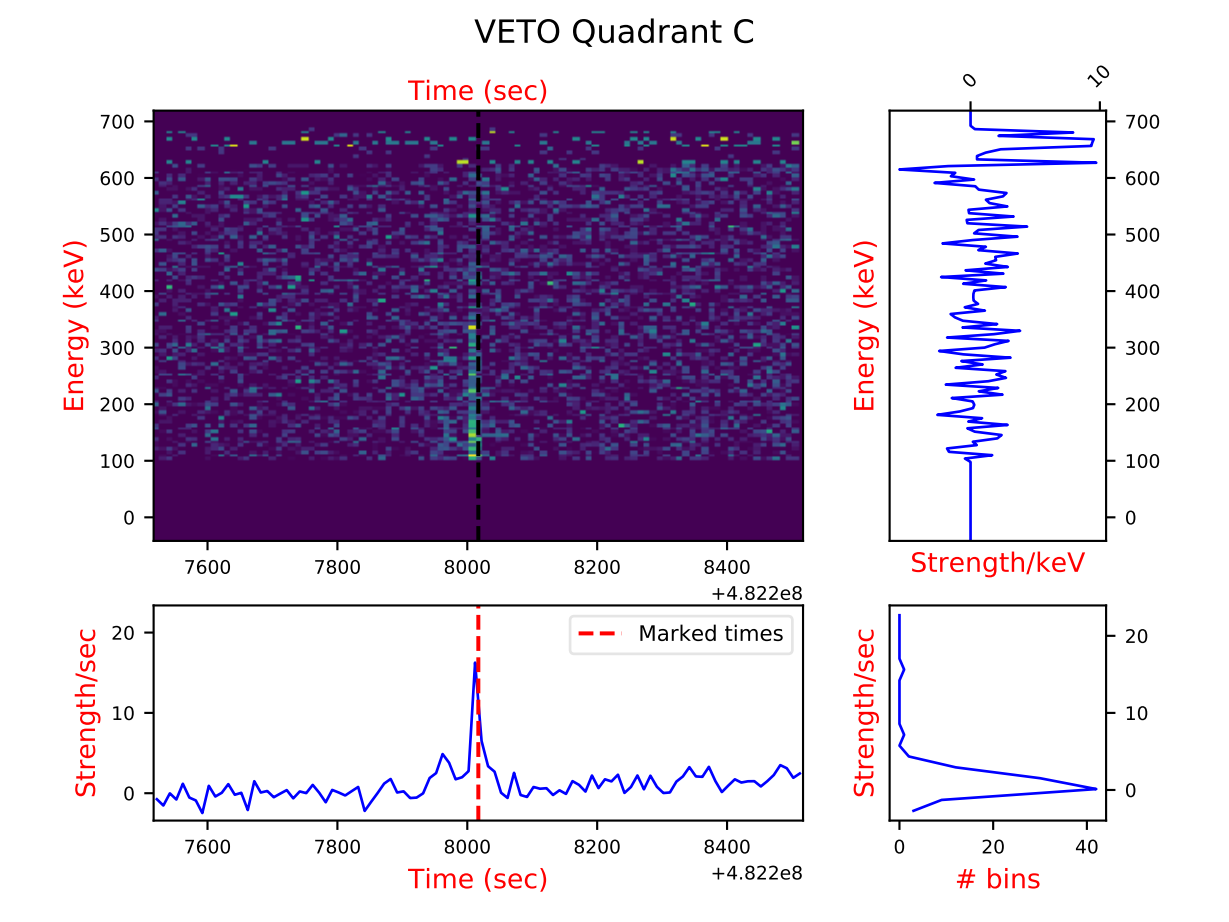

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
−200
−100
0
Energy (keV)
Excess counts/keV
Excess counts/sec
Marked times
40
20
0
−20
Time (sec)
+4.822e8
60
40
20
0
−20
Excess counts/sec
0
10
20
bins

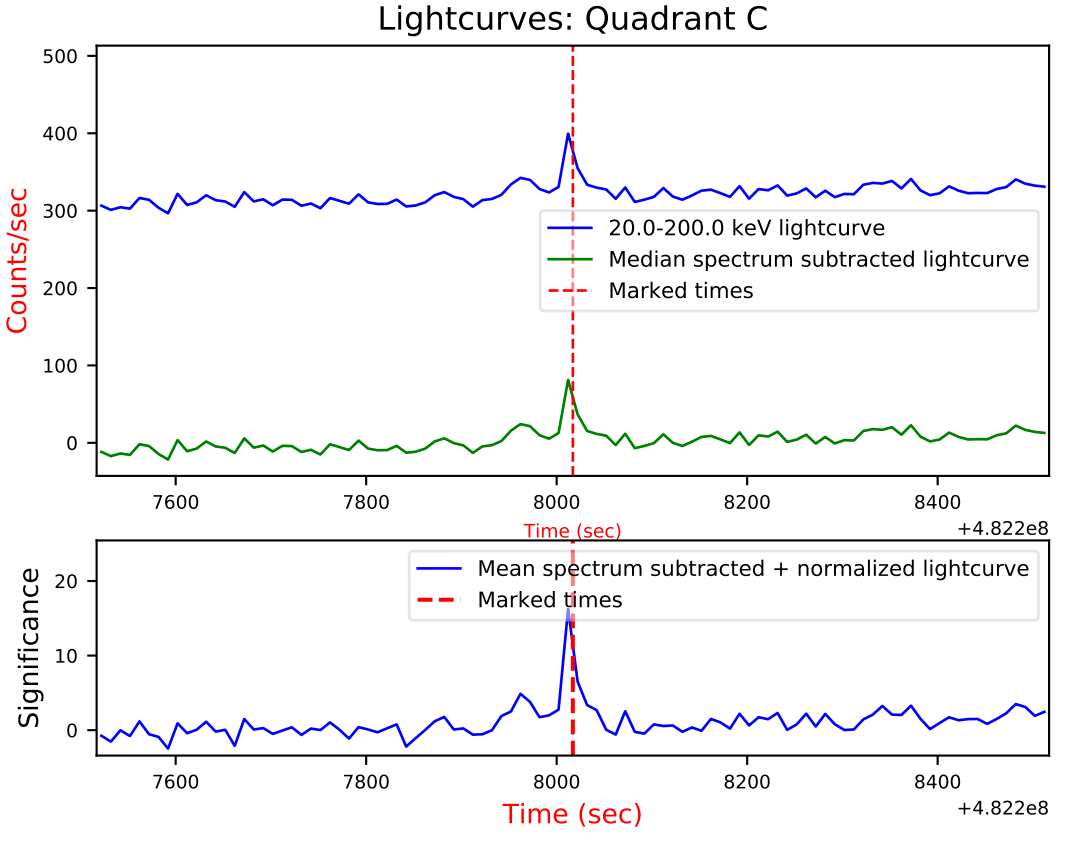

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
10
5
0
7600
7800
8000
8200
8400
+4.822e8
Time (sec)
Strength/sec
10
5
0
0
10
20
bins

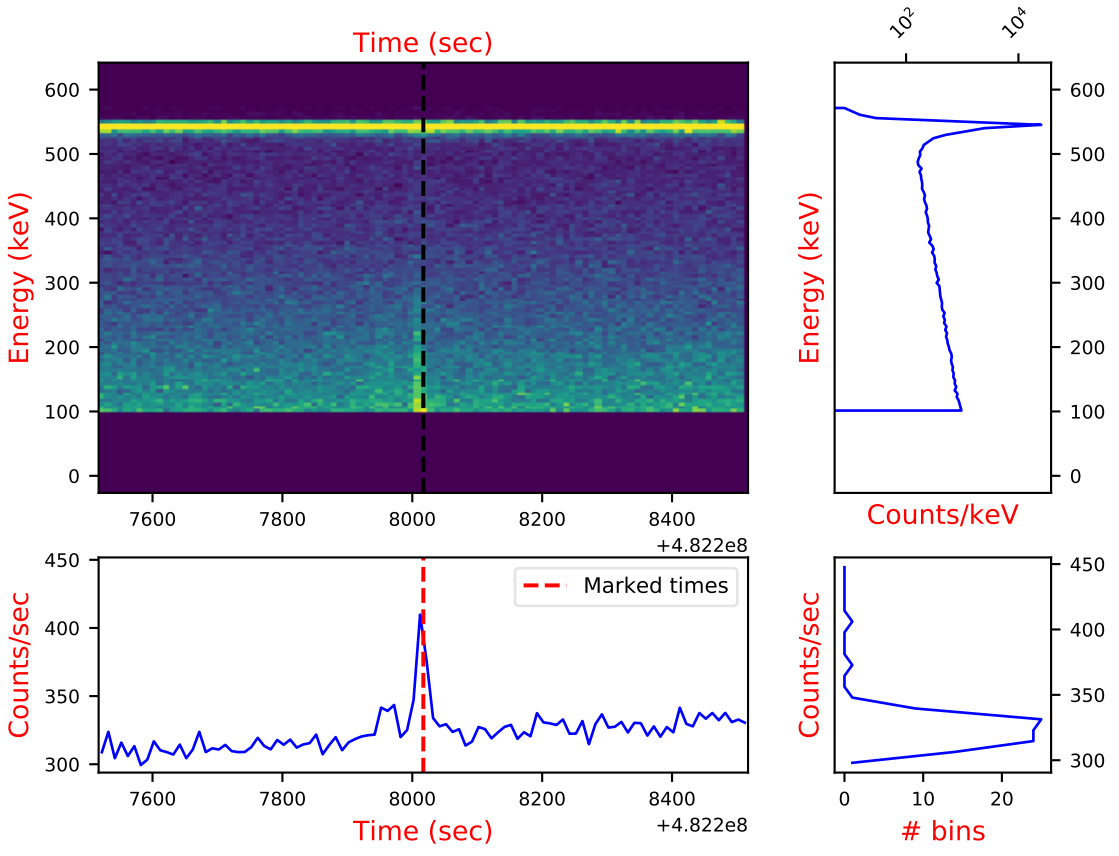

Lightcurves: Quadrant B
Counts/sec
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8
Significance
10
5
0
Mean spectrum subtracted + normalized lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8

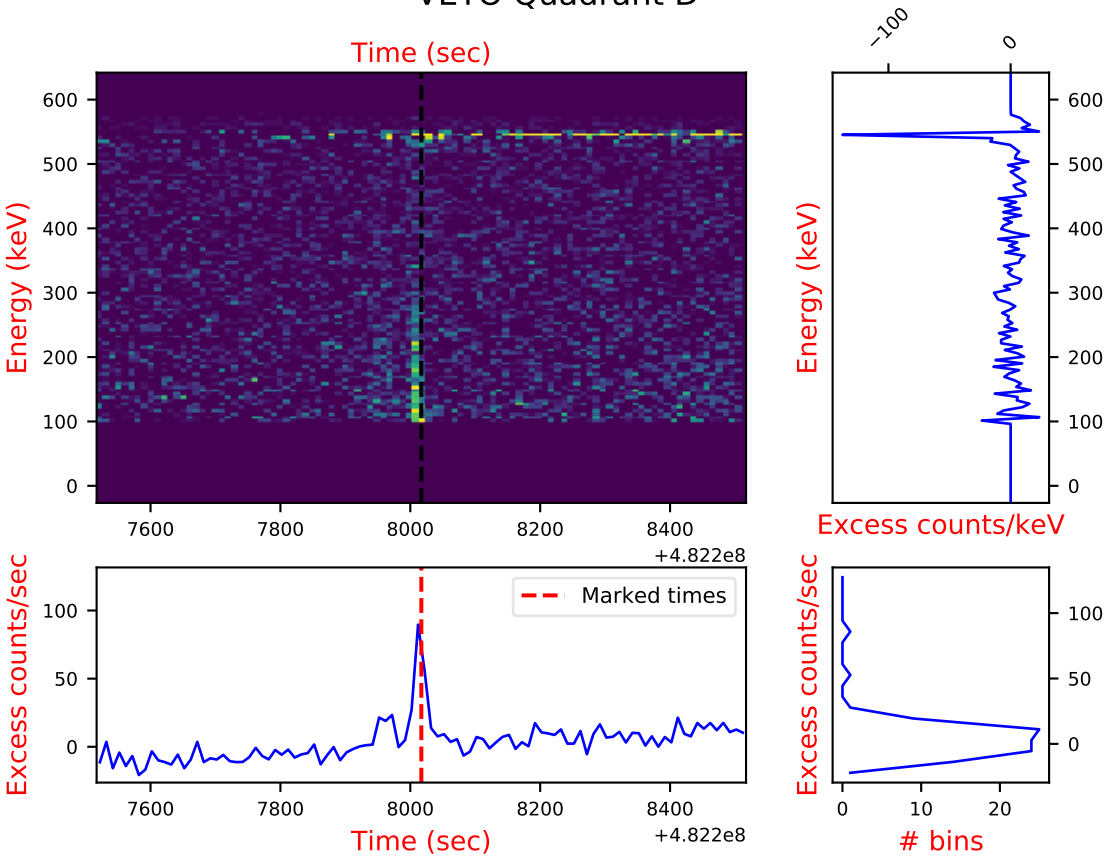

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
10^1
10^3
Energy (keV)
Counts/keV
Marked times
Counts/sec
400
350
300
Time (sec)
+4.822e8
Counts/sec
bins
0
10
20

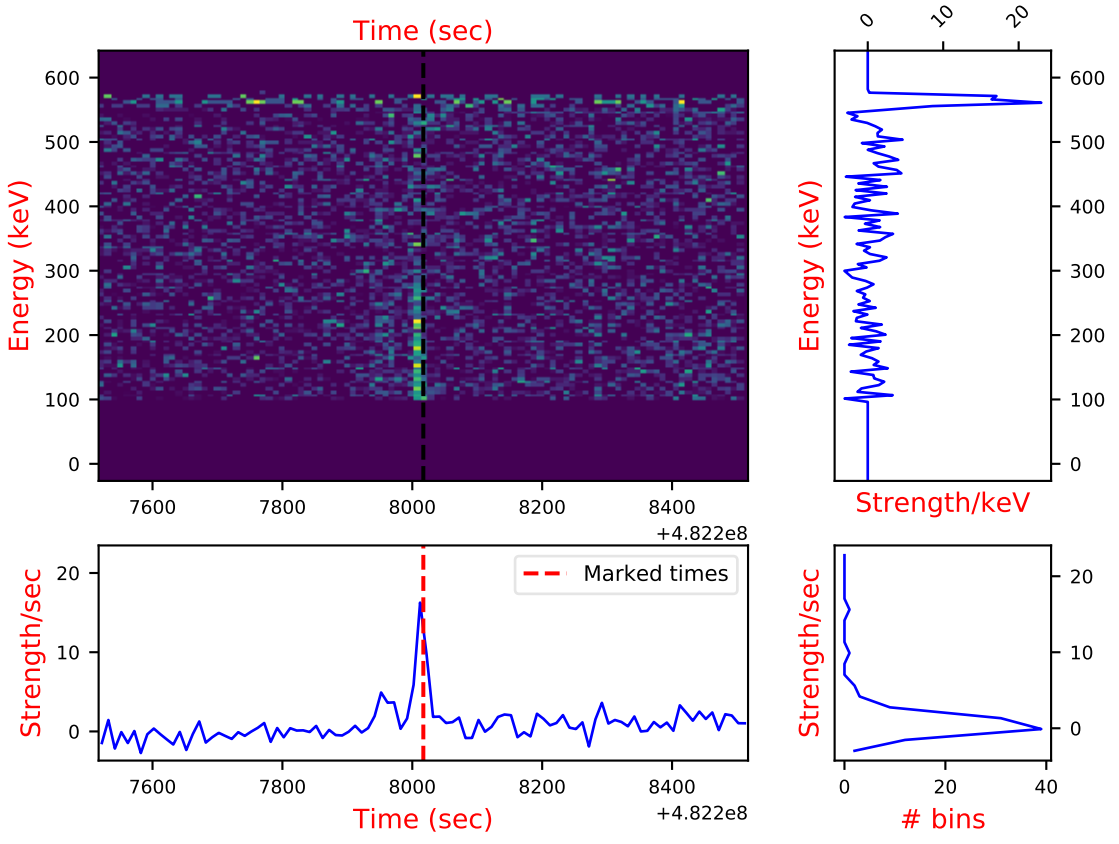

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
−200
0
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
bins
10
20

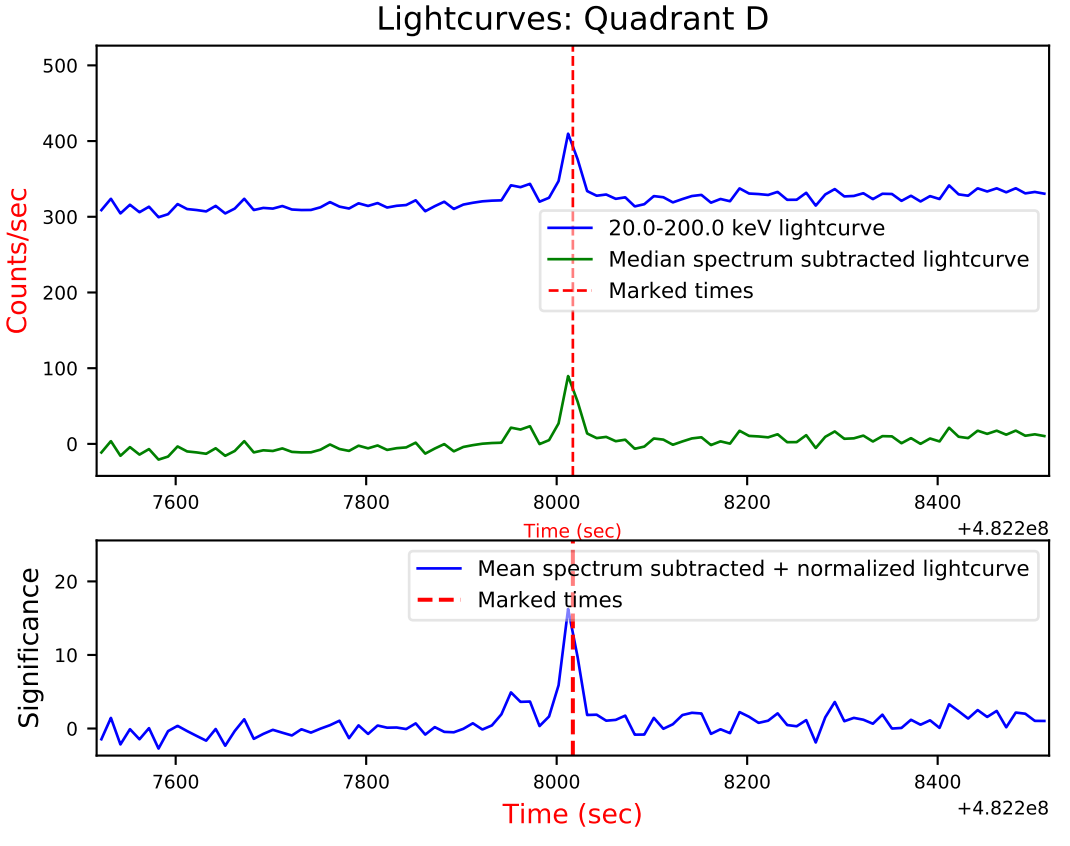

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
0
10
Strength/keV
Strength/sec
20
10
0
Marked times
Time (sec)
bins
40


Lightcurves: Quadrant C
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8
Significance
20
10
0
Mean spectrum subtracted + normalized lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
10^2
10^4
Energy (keV)
Counts/keV
Counts/sec
Marked times
450
400
350
300
Time (sec)
bins
0
10
20


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
−100
0
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
bins
10
20


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
7600
7800
8000
8200
8400
+4.822e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
Marked times
Time (sec)
bins
40


Lightcurves: Quadrant D
Counts/sec
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8
Significance
20
10
0
Mean spectrum subtracted + normalized lightcurve
Marked times
7600
7800
8000
8200
8400
Time (sec)
+4.822e8