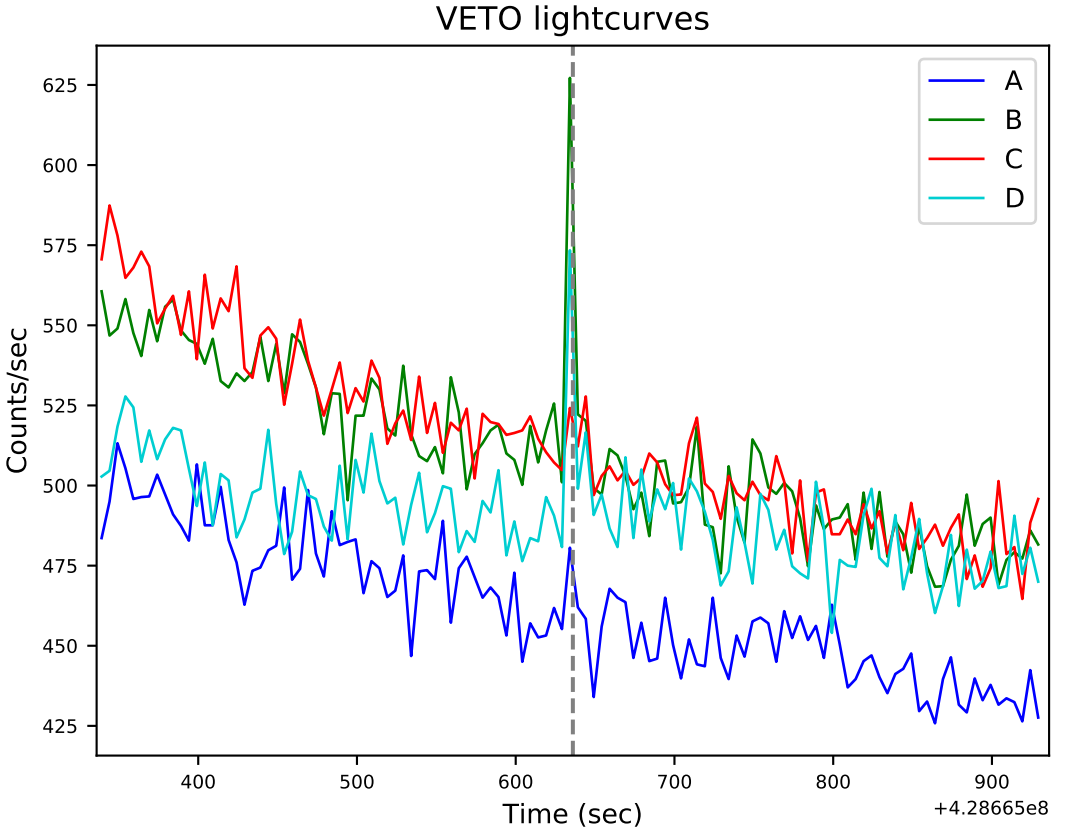
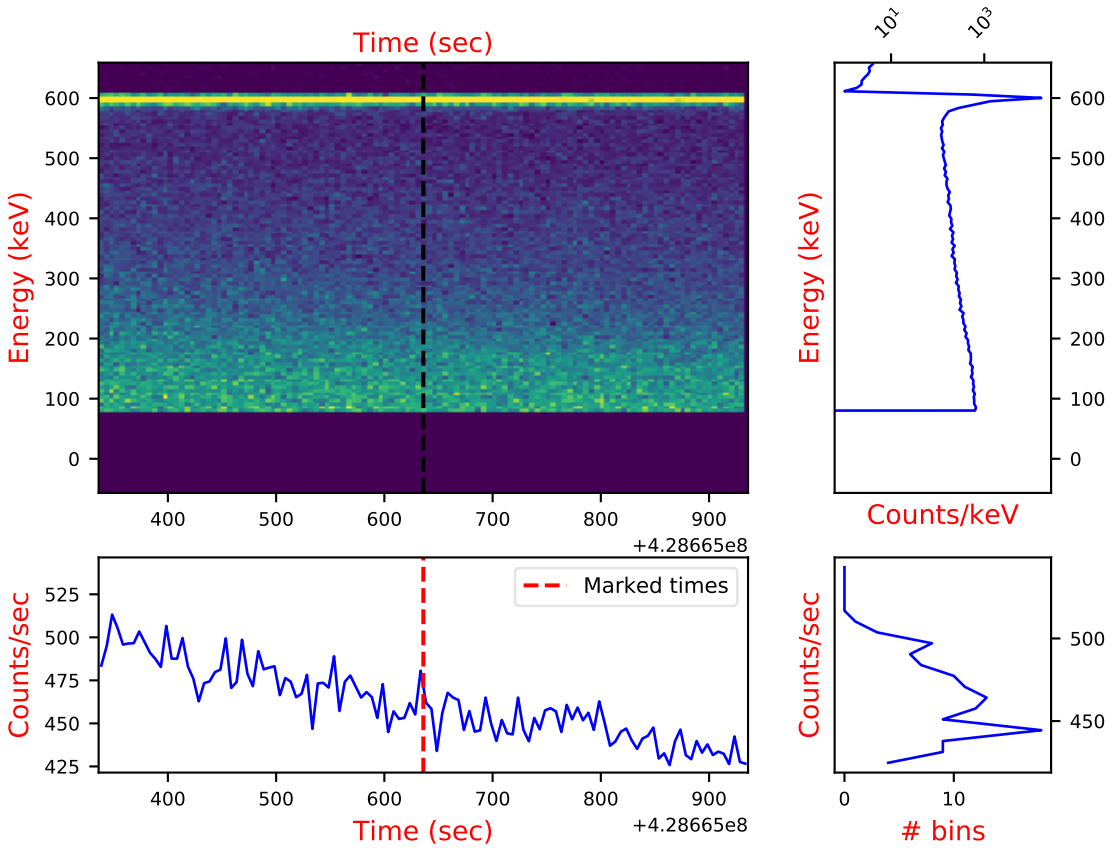
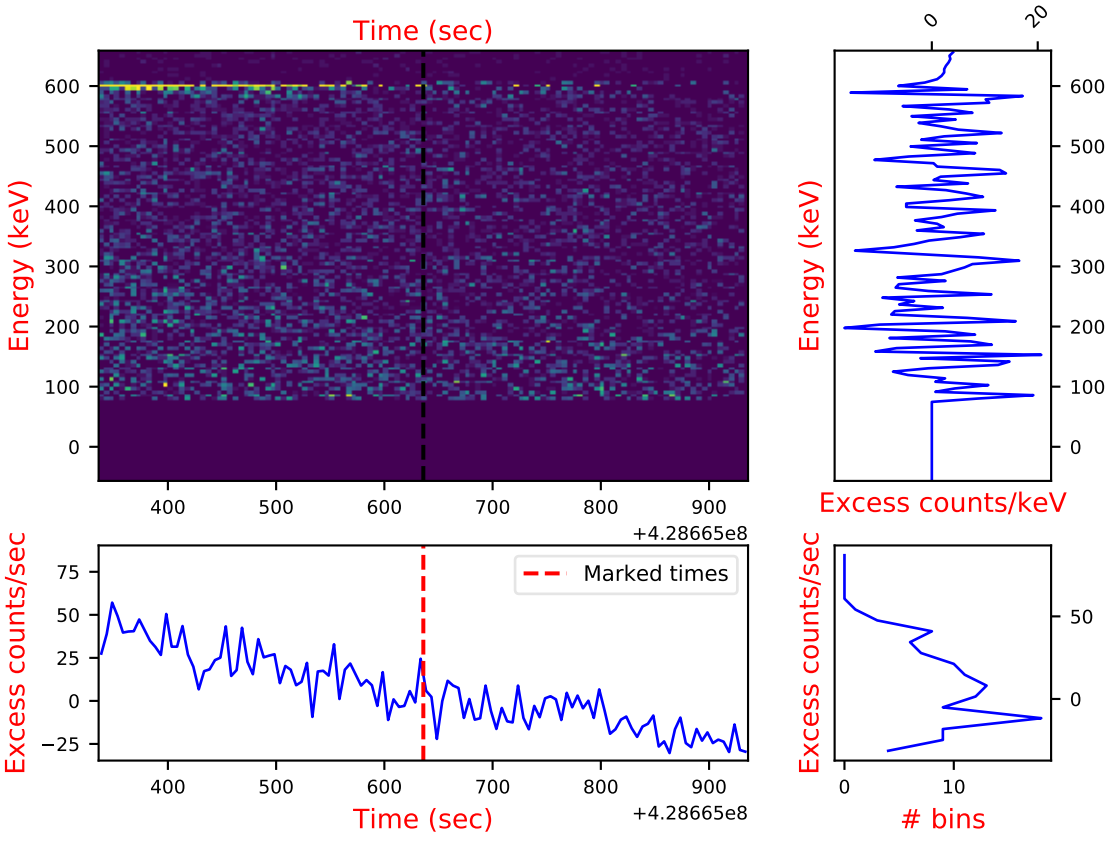
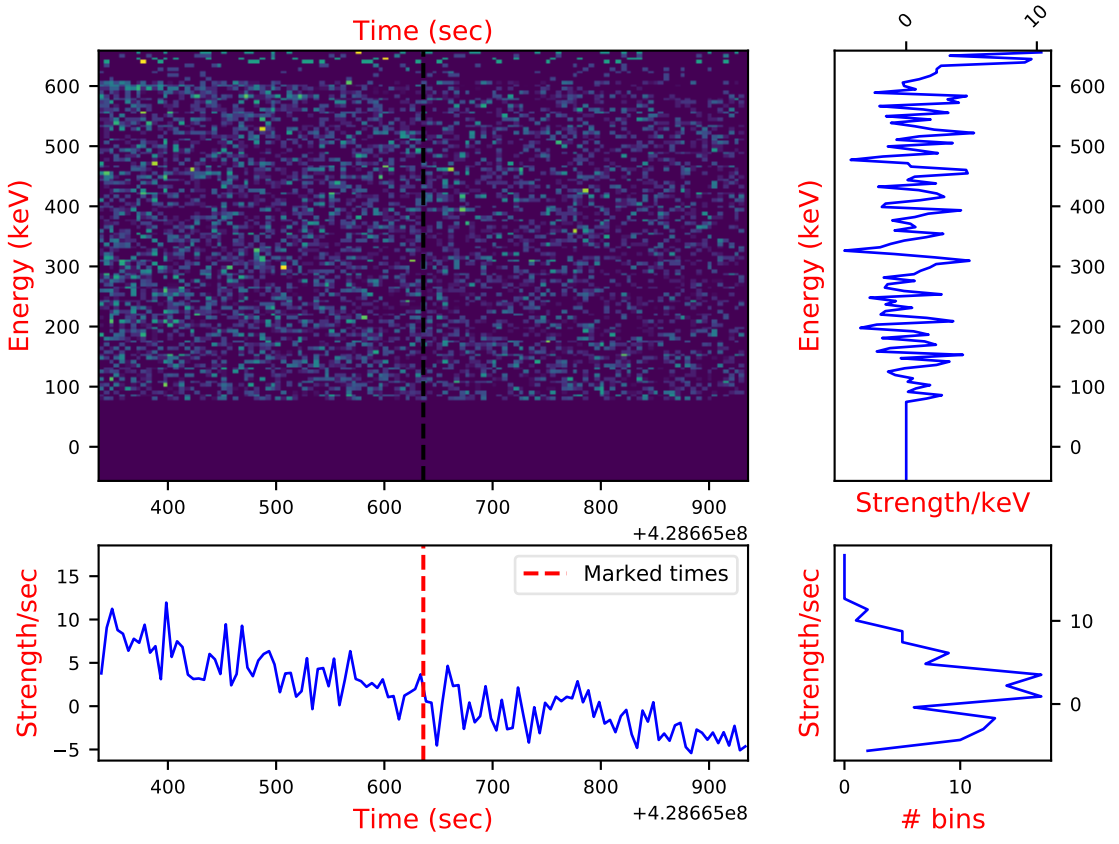
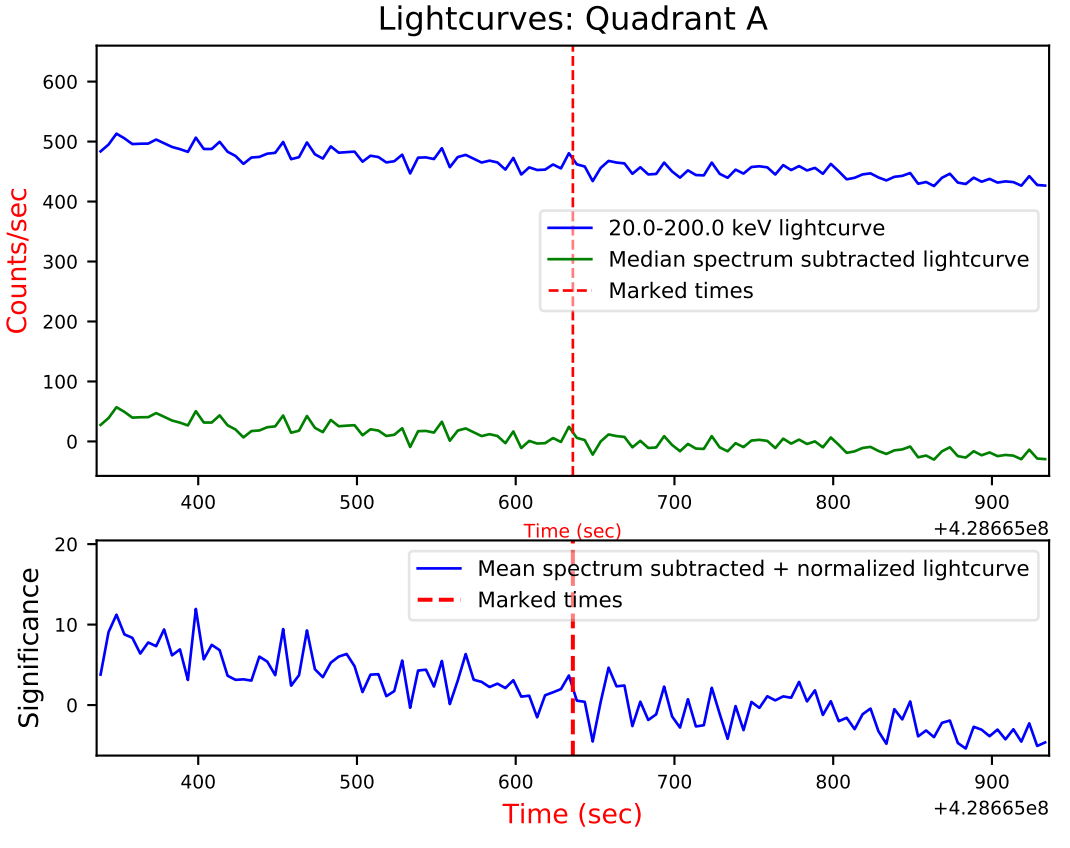
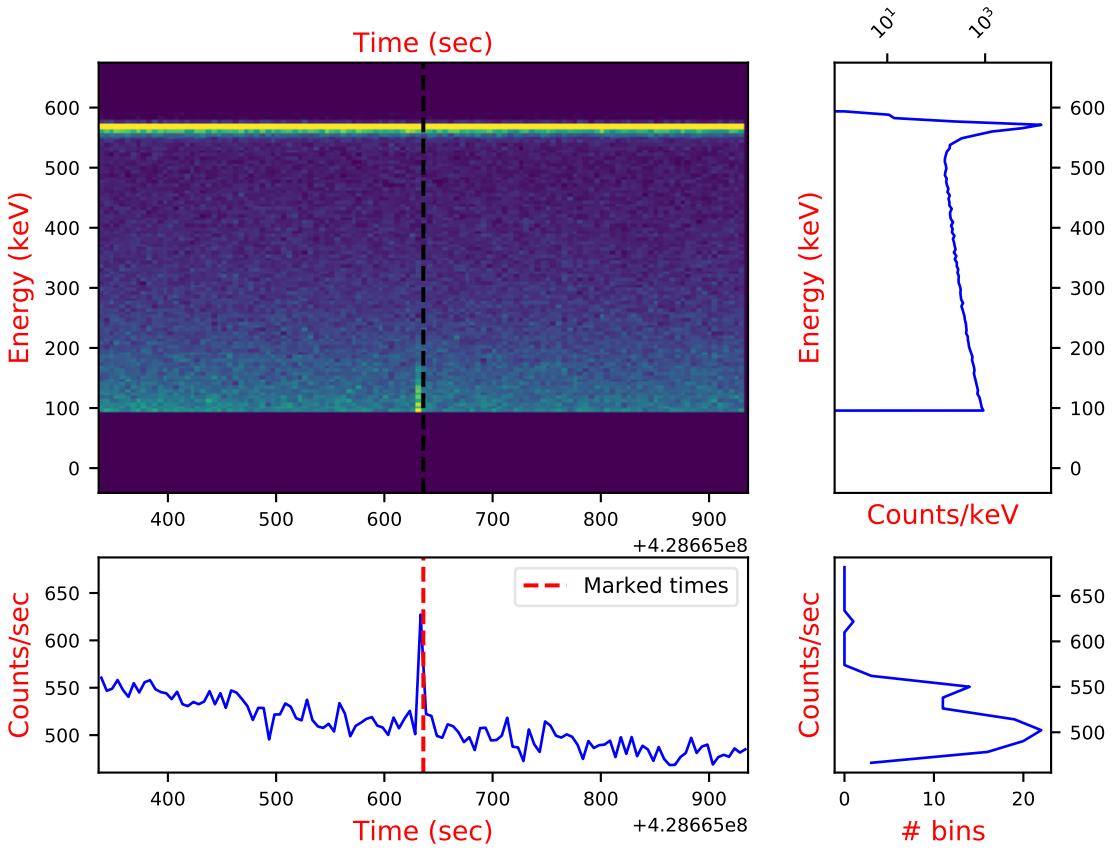

VETO lightcurves
A
B
C
D
Counts/sec
625
600
575
550
525
500
475
450
425
400
500
600
700
800
900
Time (sec)
+4.28665e8

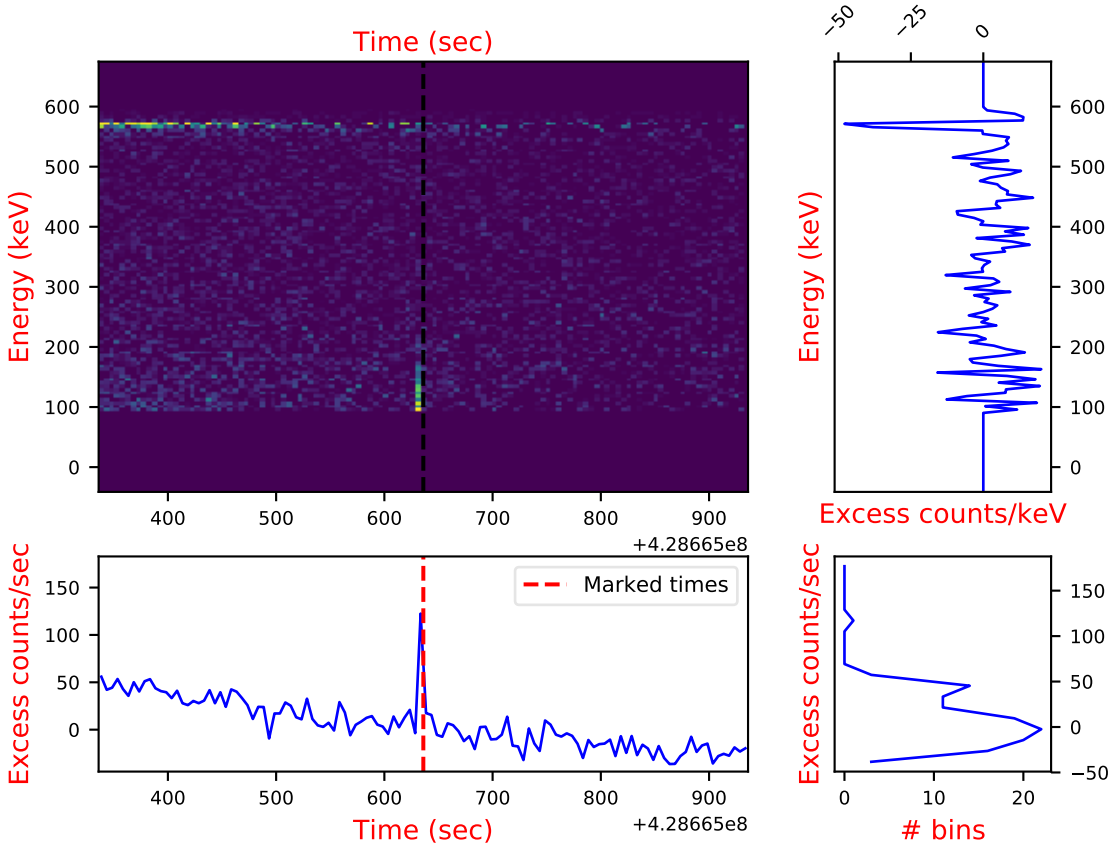

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
525
500
475
450
425
Marked times
Time (sec)
+4.28665e8
Counts/sec
bins
0
10

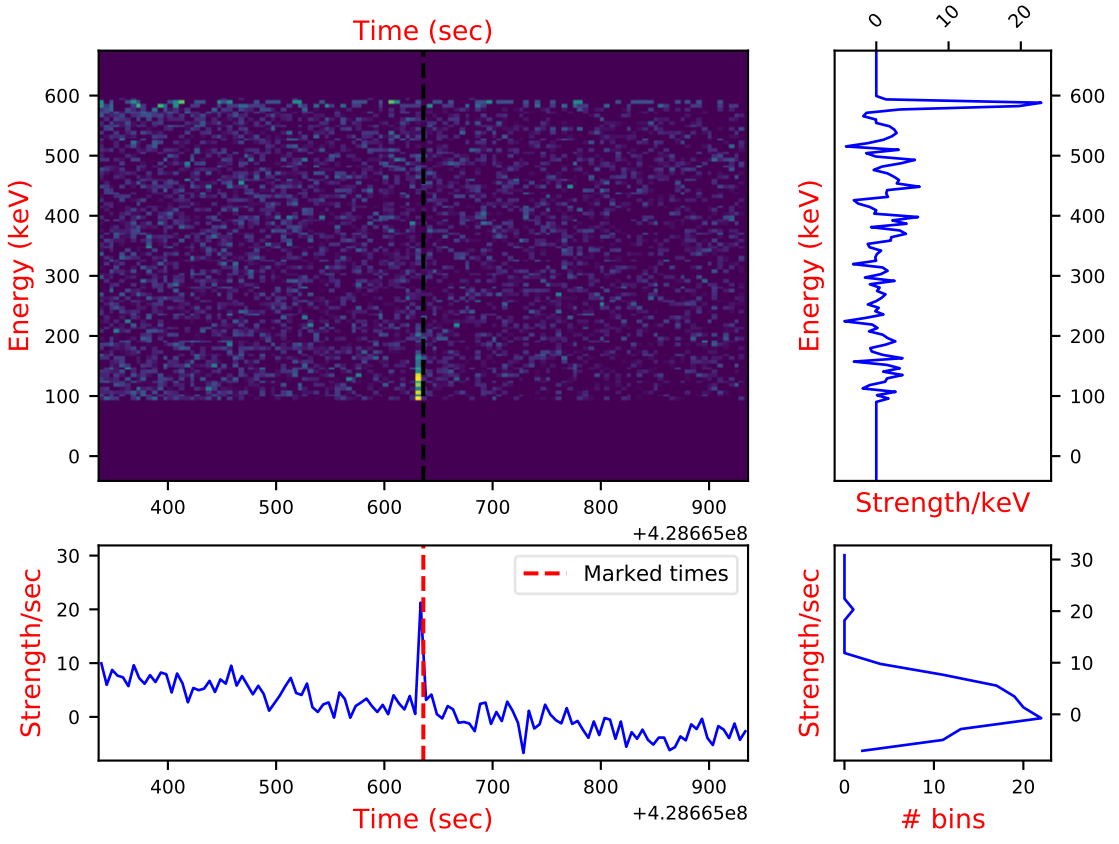

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
0
20
Excess counts/keV
Excess counts/sec
75
50
25
0
−25
Marked times
Time (sec)
+4.28665e8
bins
10
50

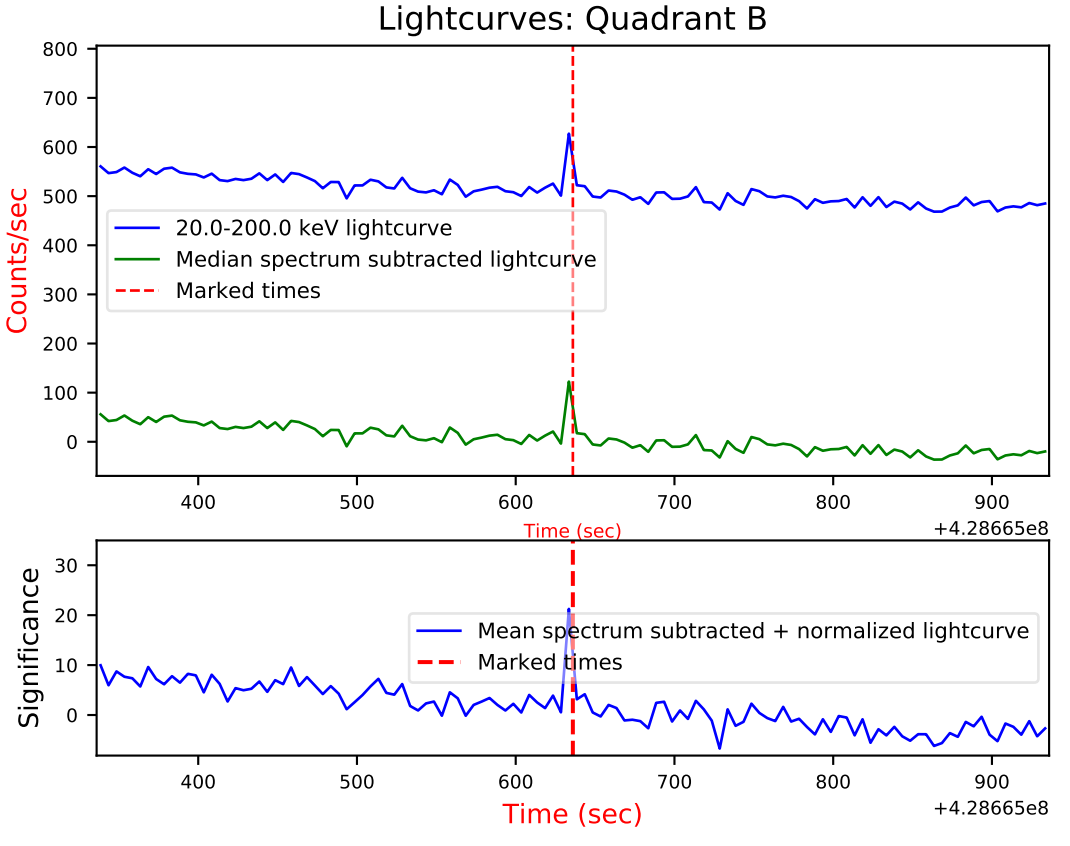

VETO Quadrant A
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
0
10
Energy (keV)
Strength/keV
Strength/sec
15
10
5
0
−5
Marked times
Time (sec)
+4.28665e8
Strength/sec
bins

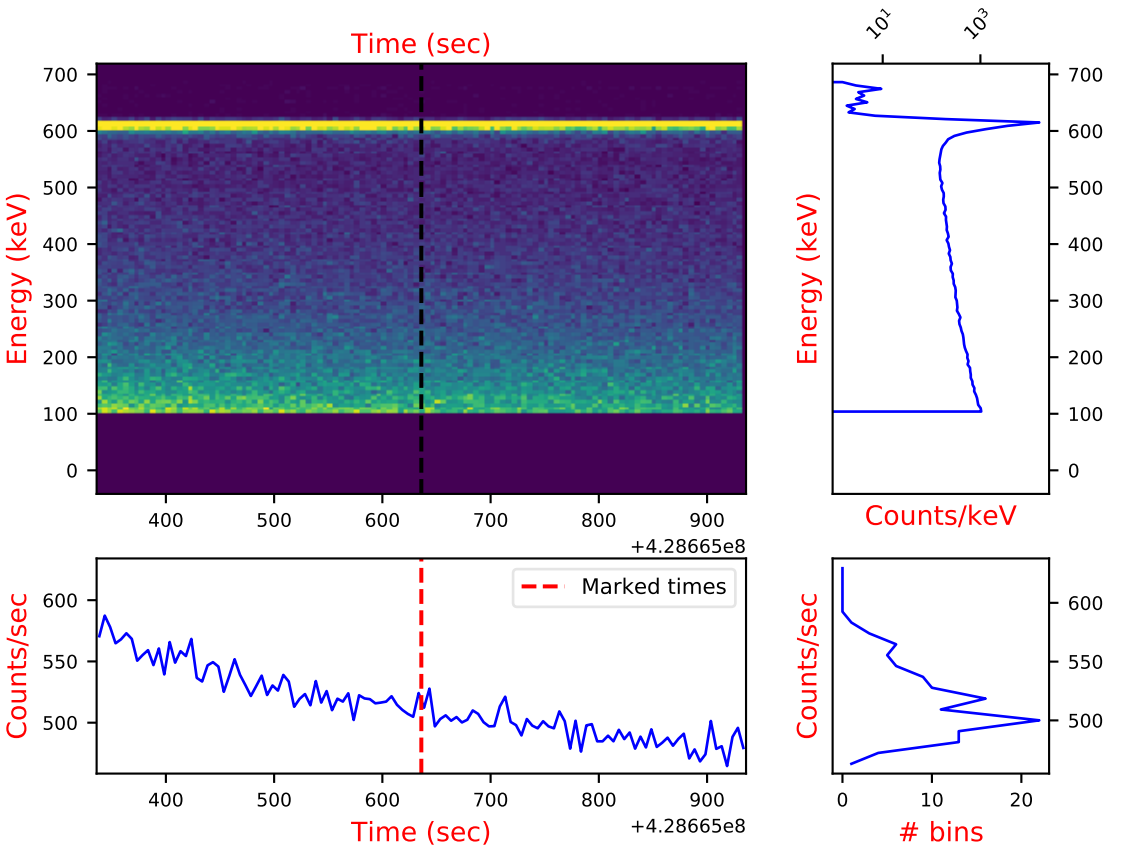

Lightcurves: Quadrant A
Counts/sec
600
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
400
500
600
700
800
900
Time (sec)
+4.28665e8
Significance
20
10
0
Mean spectrum subtracted + normalized lightcurve
Marked times
400
500
600
700
800
900
Time (sec)
+4.28665e8

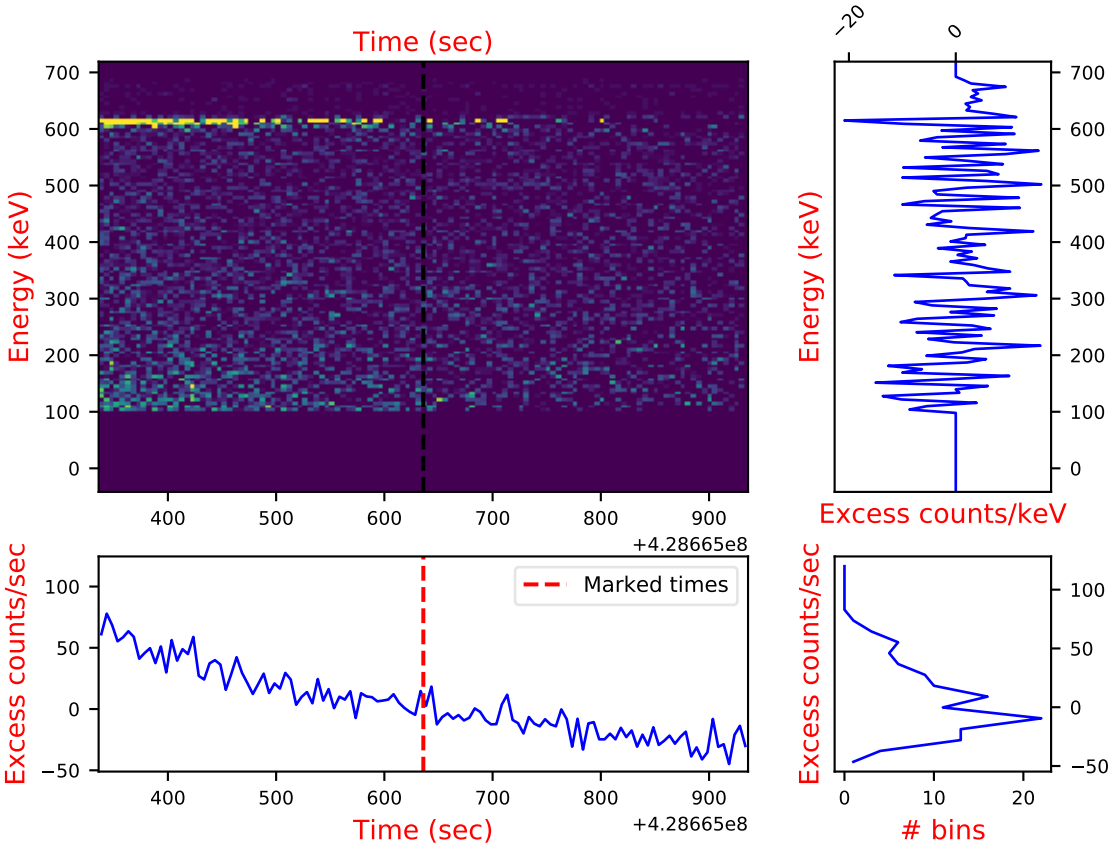

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
650
600
550
500
Marked times
Time (sec)
+4.28665e8
Counts/sec
0
10
20
bins

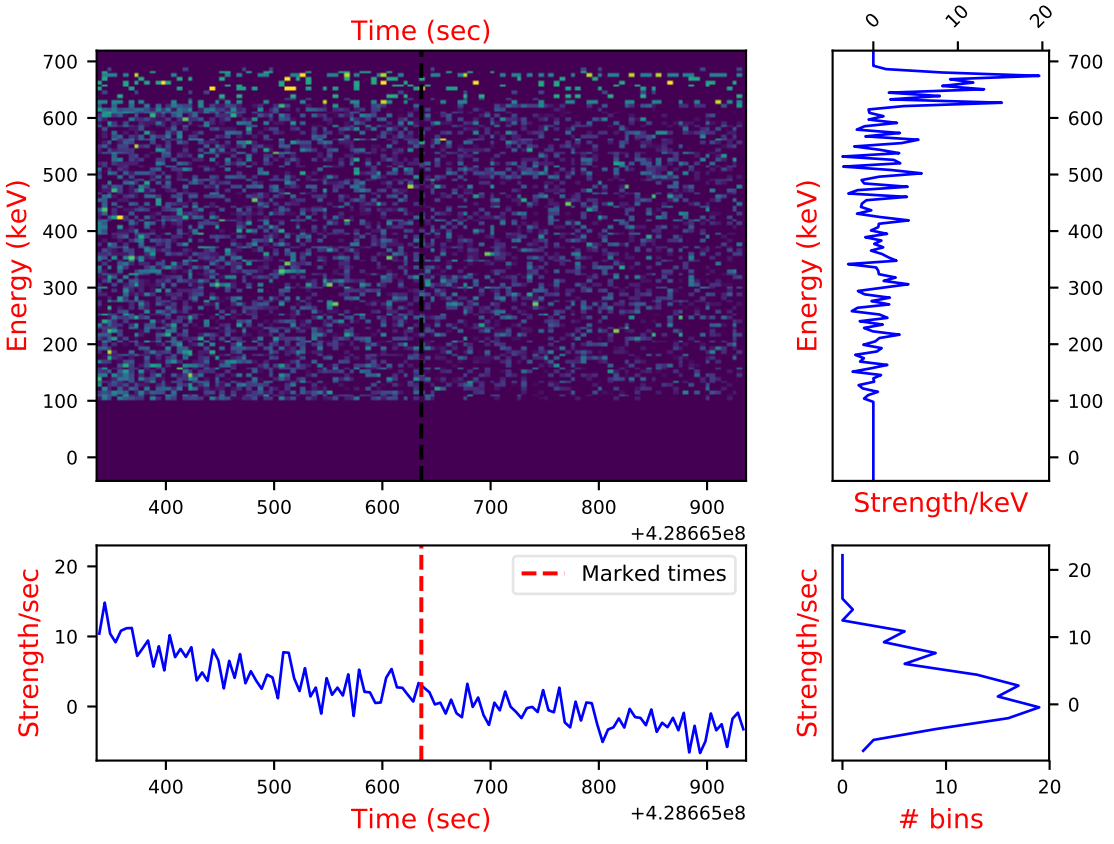

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
−50
−25
0
Excess counts/keV
Excess counts/sec
150
100
50
0
Marked times
Time (sec)
bins
10
20
−50

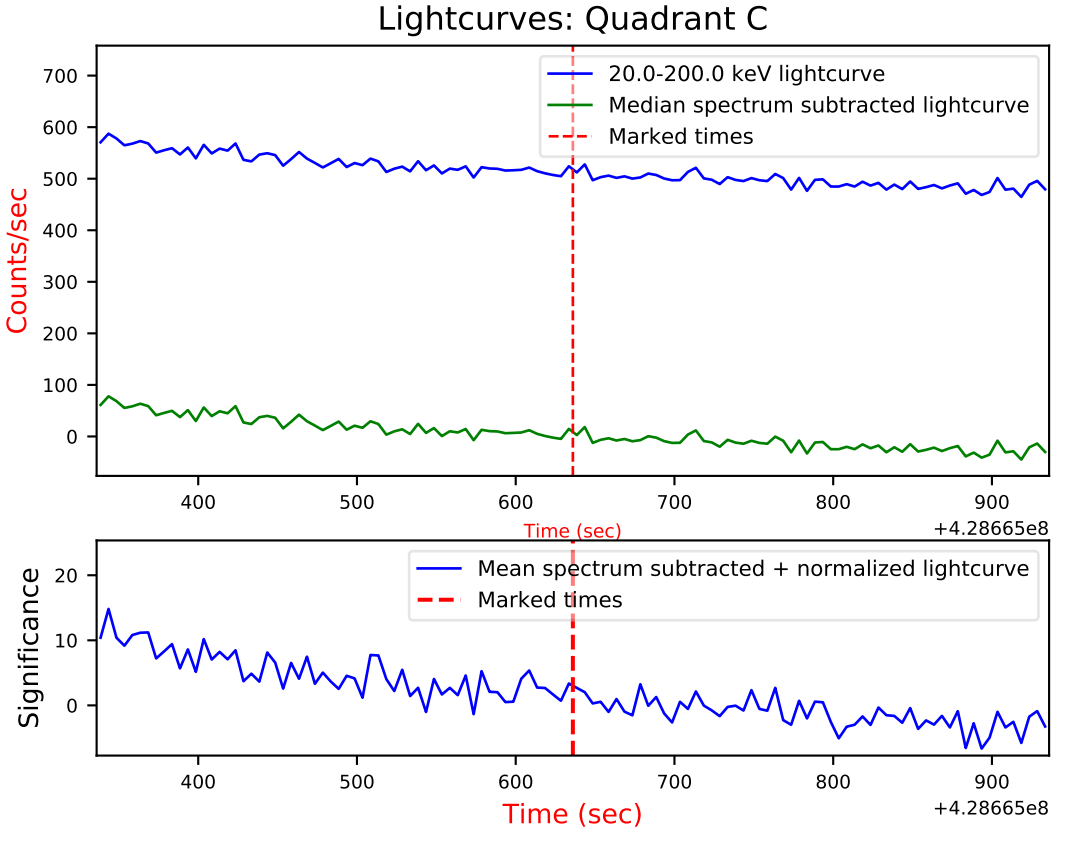

VETO Quadrant B
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
0
10
20
Energy (keV)
Strength/keV
Strength/sec
30
20
10
0
Marked times
400
500
600
700
800
900
+4.28665e8
Time (sec)
Strength/sec
0
10
20
bins

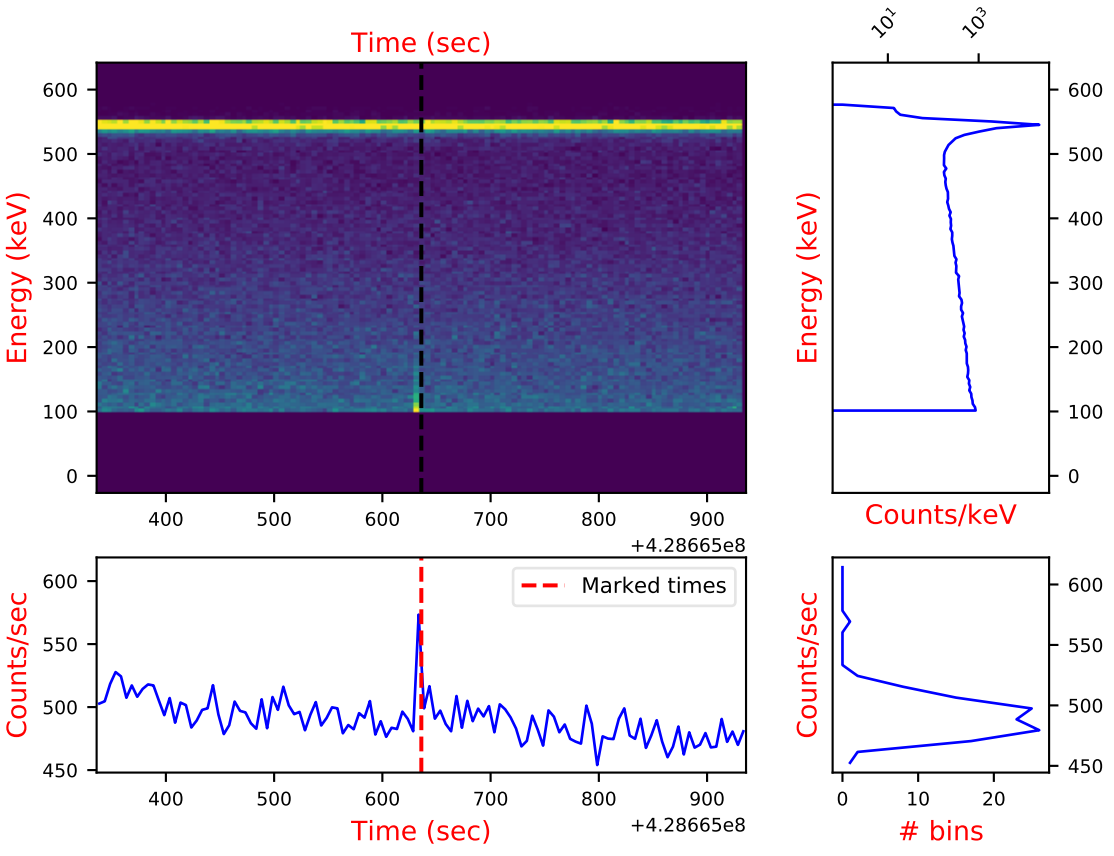

Lightcurves: Quadrant B
Counts/sec
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Time (sec)
+4.28665e8
Significance
Mean spectrum subtracted + normalized lightcurve
Marked times
Time (sec)
+4.28665e8

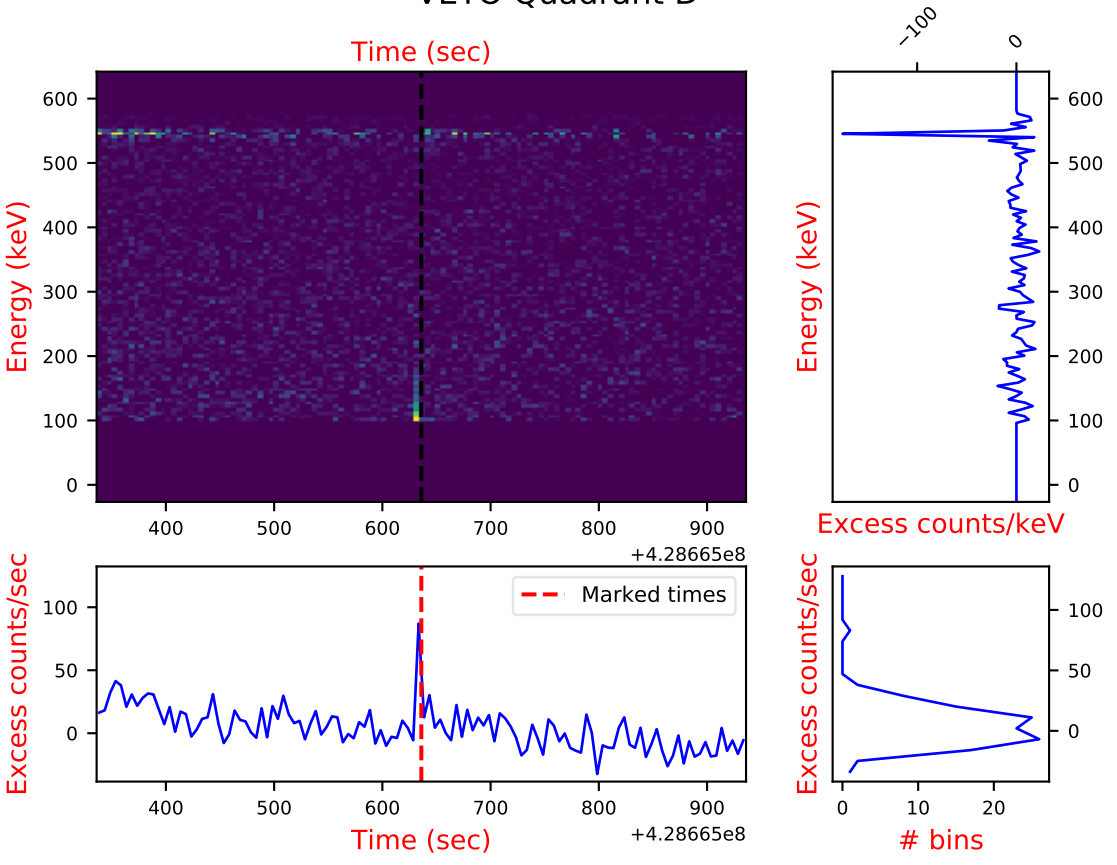

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
600
550
500
400
500
600
700
800
900
+4.28665e8
Time (sec)
Counts/sec
0
10
20
bins

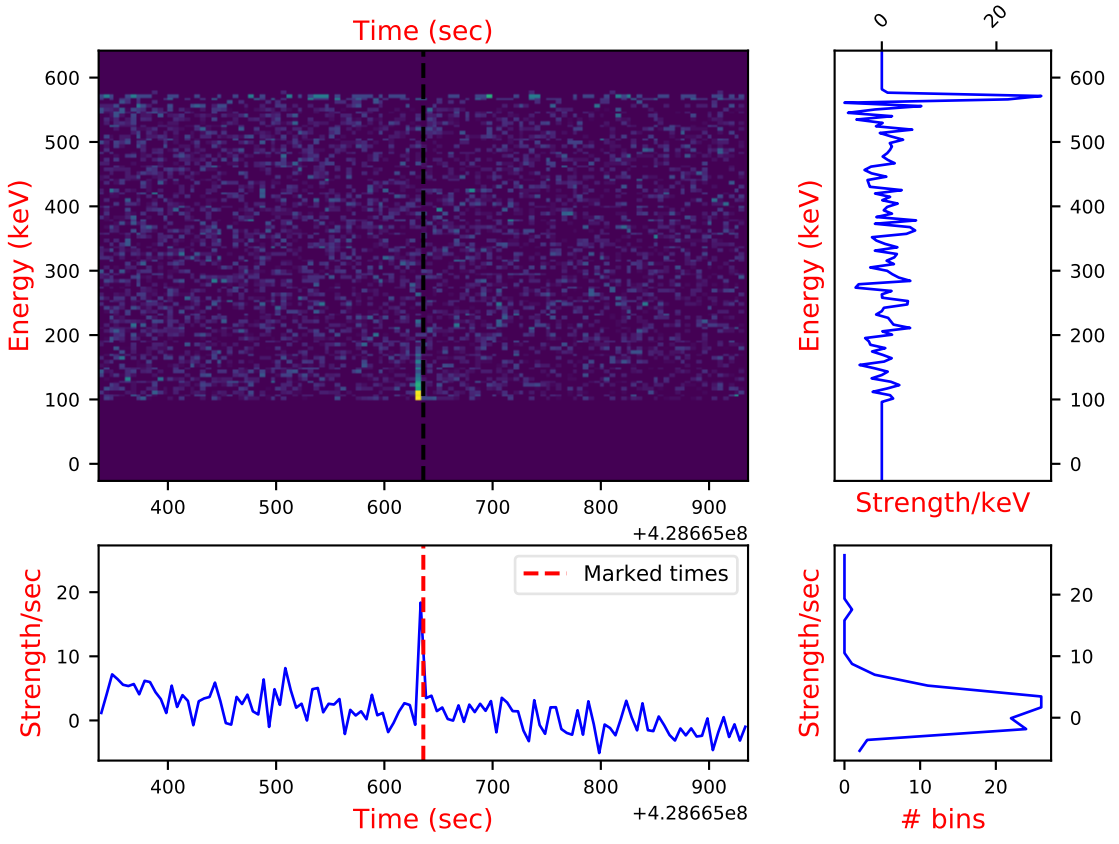

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
−20
0
Excess counts/keV
Excess counts/sec
100
50
0
−50
Marked times
Time (sec)
bins
10
20

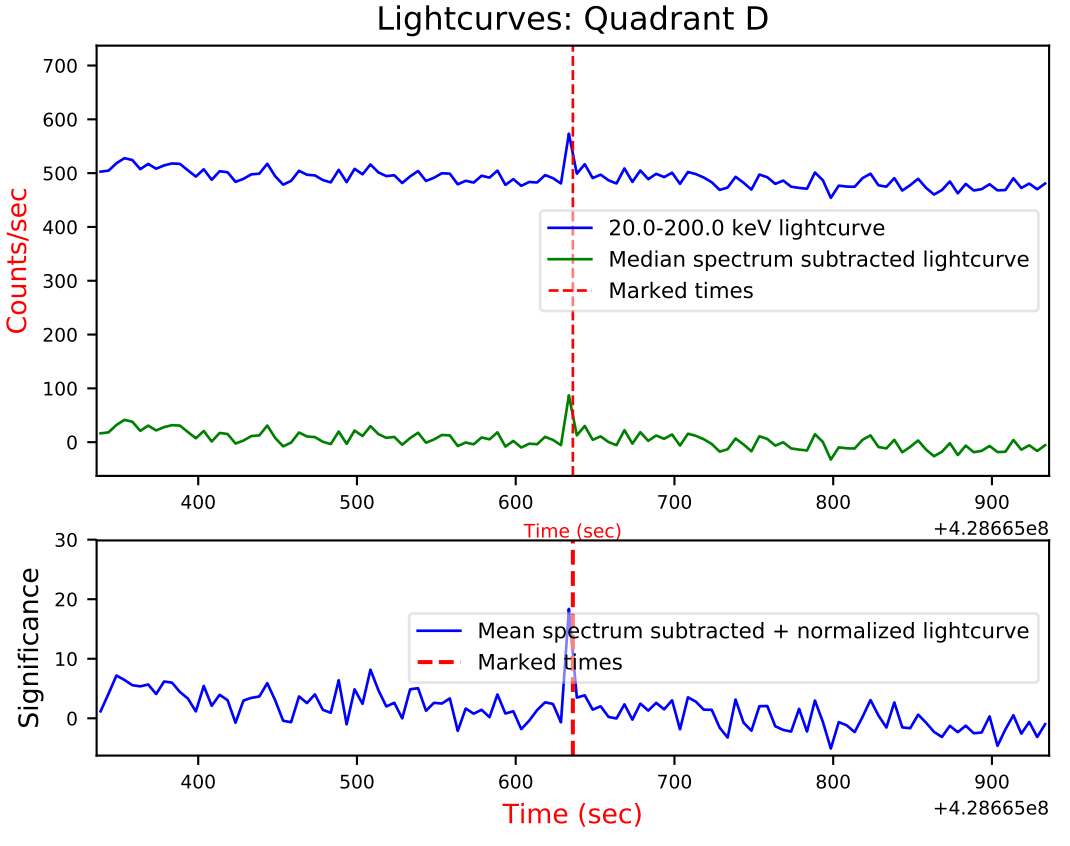

VETO Quadrant C
Time (sec)
Energy (keV)
700
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
0
10
20
Strength/keV
Strength/sec
20
10
0
Marked times
Time (sec)
bins


Lightcurves: Quadrant C
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
Counts/sec
700
600
500
400
300
200
100
0
400
500
600
700
800
900
Time (sec)
+4.28665e8
Mean spectrum subtracted + normalized lightcurve
Marked times
Significance
20
10
0
400
500
600
700
800
900
Time (sec)
+4.28665e8


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
10^1
10^3
Energy (keV)
Counts/keV
Counts/sec
Marked times
550
450
Time (sec)
bins
10
20


VETO Quadrant D
Time (sec)
Energy (keV)
600
500
400
300
200
100
0
400
500
600
700
800
900
+4.28665e8
−100
0
Energy (keV)
Excess counts/keV
Excess counts/sec
100
50
0
Marked times
Time (sec)
+4.28665e8
Excess counts/sec
0
10
20
bins


VETO Quadrant D
Time (sec)
Energy (keV)
0
100
200
300
400
500
600
400
500
600
700
800
900
+4.28665e8
0
20
Strength/keV
Strength/sec
Marked times
Time (sec)
bins


Lightcurves: Quadrant D
Counts/sec
700
600
500
400
300
200
100
0
20.0-200.0 keV lightcurve
Median spectrum subtracted lightcurve
Marked times
400
500
600
700
800
900
Time (sec)
+4.28665e8
Significance
30
20
10
0
Mean spectrum subtracted + normalized lightcurve
Marked times
400
500
600
700
800
900
Time (sec)
+4.28665e8