

# Hinode XRT at FOXSI-2

3/18/2015, Shin-nosuke Ishikawa

## FOXSI & Hinode timeline

FOXSI2 launch 19:11:00

XRT20141211_191103.7.fits	2014-12-11T19:11:03.735	2106.570 x 2106.570	0.0081480000	Open/Ti_poly*
XRT20141211_191203.6.fits	2014-12-11T19:12:03.666	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191205.5.fits	2014-12-11T19:12:05.557	2106.570 x 2106.570	0.032664000	Open/Ti_poly
XRT20141211_191209.4.fits	2014-12-11T19:12:09.412	2106.570 x 2106.570	0.72400000	Open/Ti_poly
XRT20141211_191217.8.fits	2014-12-11T19:12:17.850	2106.570 x 2106.570	0.012264000	Open/Al_mesh
XRT20141211_191221.4.fits	2014-12-11T19:12:21.416	2106.570 x 2106.570	0.25599200	Open/Al_mesh
XRT20141211_191232.8.fits	2014-12-11T19:12:32.832	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191235.8.fits	2014-12-11T19:12:35.898	2106.570 x 2106.570	0.044948000	Al_poly/Ti_poly
XRT20141211_191239.0.fits	2014-12-11T19:12:39.085	2106.570 x 2106.570	1.0255000	Al_poly/Ti_poly

FOXSI2 target #1 stable 19:12:42

XRT20141211_191247.8.fits	2014-12-11T19:12:47.814	2106.570 x 2106.570	0.066496000	C_poly/Ti_poly
XRT20141211_191250.5.fits	2014-12-11T19:12:50.588	2106.570 x 2106.570	1.4453400	C_poly/Ti_poly
XRT20141211_191303.6.fits	2014-12-11T19:13:03.670	2106.570 x 2106.570	0.0081440000	Open/Ti_poly*
XRT20141211_191309.4.fits	2014-12-11T19:13:09.492	2106.570 x 2106.570	0.024520000	C_poly/Open
XRT20141211_191312.9.fits	2014-12-11T19:13:12.930	2106.570 x 2106.570	0.51196800	C_poly/Open

FOXSI2 target #2 stable 19:13:18

XRT20141211_191327.8.fits	2014-12-11T19:13:27.830	2106.570 x 2106.570	0.12950800	Be_thin/Open
XRT20141211_191331.1.fits	2014-12-11T19:13:31.101	2106.570 x 2106.570	4.0970200	Be_thin/Open
XRT20141211_191342.8.fits	2014-12-11T19:13:42.804	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*

FOXSI2 target #3 stable 19:13:46.5

XRT20141211_191350.6.fits	2014-12-11T19:13:50.609	2106.570 x 2106.570	0.51196800	Be_med/Open
XRT20141211_191354.1.fits	2014-12-11T19:13:54.109	2106.570 x 2106.570	16.385300	Be_med/Open
XRT20141211_191417.5.fits	2014-12-11T19:14:17.587	2106.570 x 2106.570	0.0081480000	Open/Ti_poly*
XRT20141211_191422.7.fits	2014-12-11T19:14:22.731	2106.570 x 2106.570	1.0247000	Al_med/Open
XRT20141211_191426.6.fits	2014-12-11T19:14:26.620	2106.570 x 2106.570	16.385000	Al_med/Open

FOXSI2 target #4 stable 19:14:29

FOXSI2 target #5 stable 19:14:44

XRT20141211_191449.2.fits	2014-12-11T19:14:49.203	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191454.2.fits	2014-12-11T19:14:54.231	2106.570 x 2106.570	0.016340000	Al_poly/Open
XRT20141211_191457.4.fits	2014-12-11T19:14:57.468	2106.570 x 2106.570	0.51196800	Al_poly/Open
XRT20141211_191519.2.fits	2014-12-11T19:15:19.214	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*

FOXSI2 target #6 stable 19:15:40.6

XRT20141211_191546.1.fits	2014-12-11T19:15:46.106	2106.570 x 2106.570	0.0081480000	Open/Ti_poly*
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FOXSI2 target #7 stable 19:16:11

XRT20141211_191616.1.fits	2014-12-11T19:16:16.115	2106.570 x 2106.570	0.0081880000	Open/Ti_poly*
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FOXSI2 target #8 stable 19:16:34

XRT20141211_191646.1.fits	2014-12-11T19:16:46.125	2106.570 x 2106.570	0.0081440000	Open/Ti_poly*
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FOXSI2 target #9 stable 19:17:13.2

FOXSI2 target #10 stable 19:17:13.5

XRT20141211_191716.1.fits	2014-12-11T19:17:16.135	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191754.6.fits	2014-12-11T19:17:54.648	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191803.4.fits	2014-12-11T19:18:03.421	2106.570 x 2106.570	32.768000	Open/Be_thick
XRT20141211_191842.1.fits	2014-12-11T19:18:42.155	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191847.2.fits	2014-12-11T19:18:47.290	2106.570 x 2106.570	32.768000	Open/Be_thick

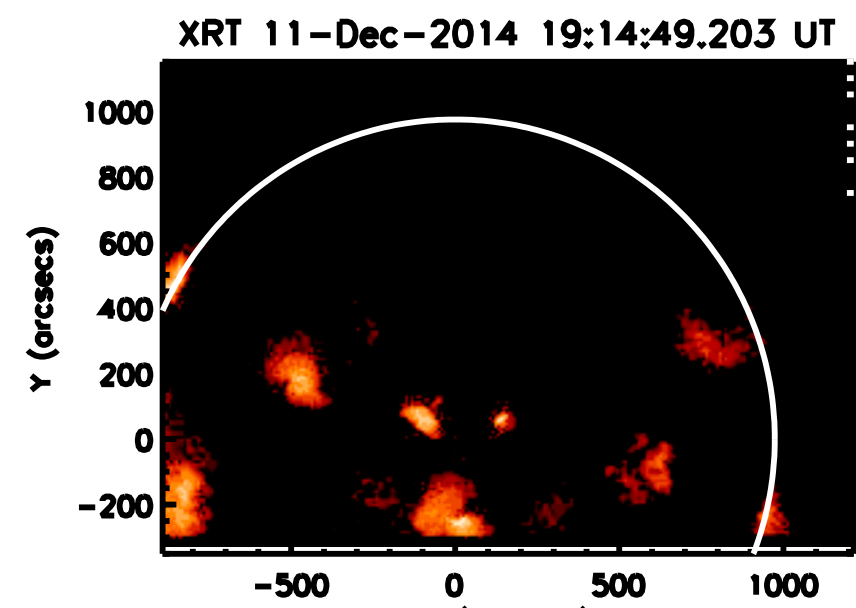
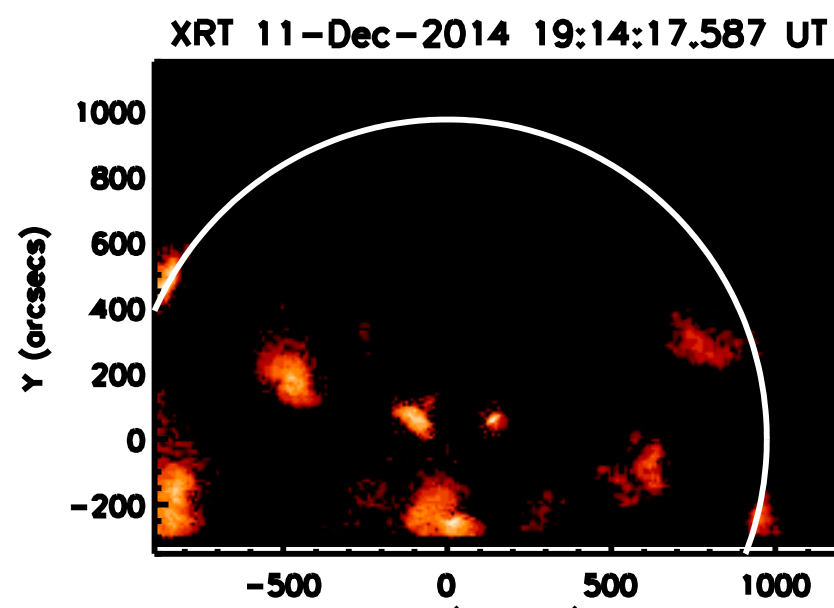
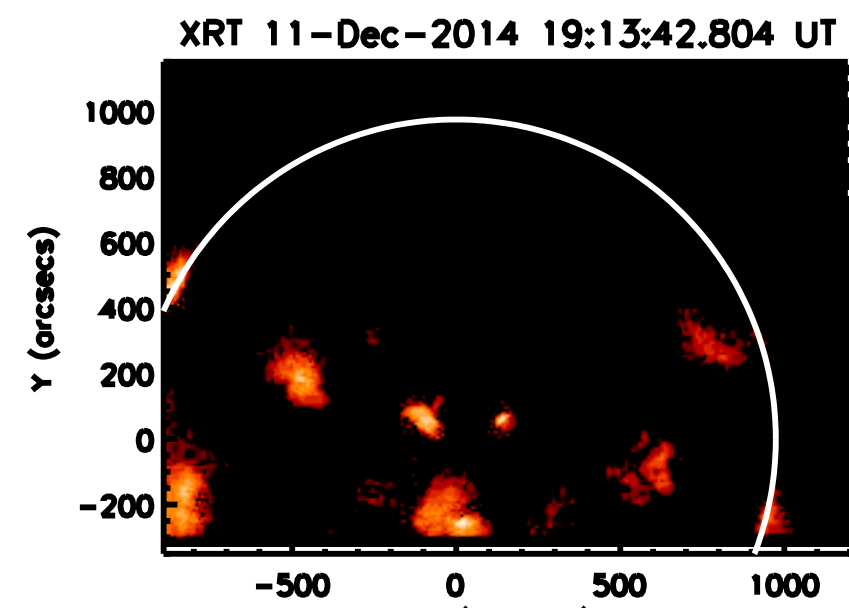
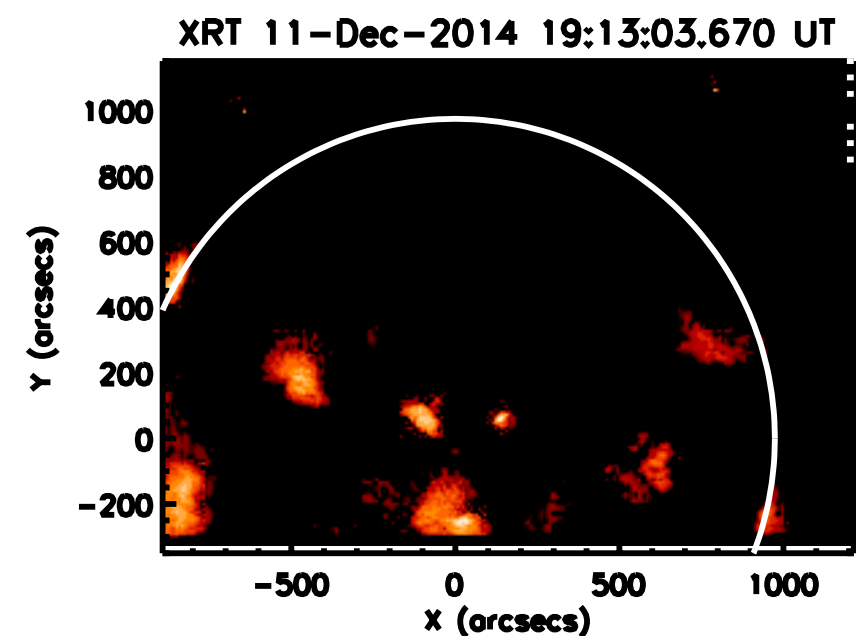
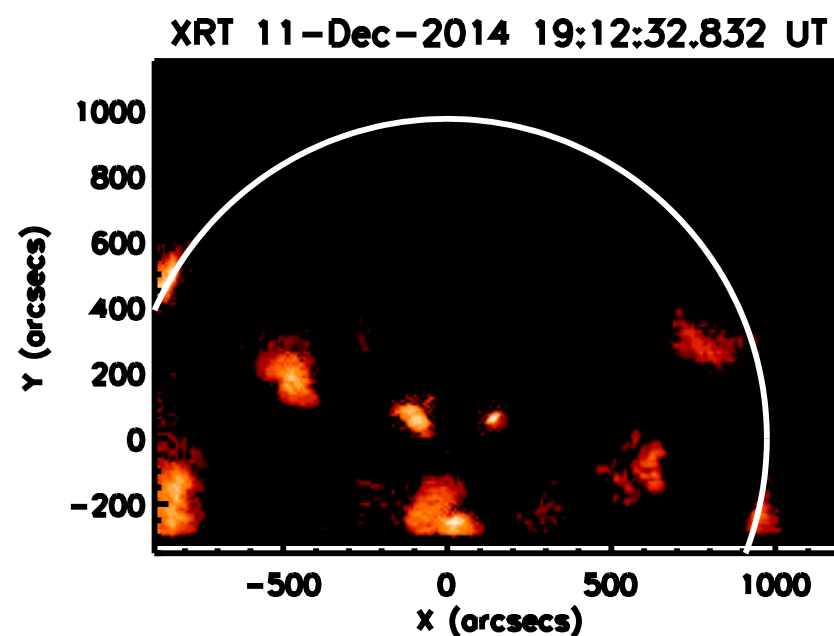
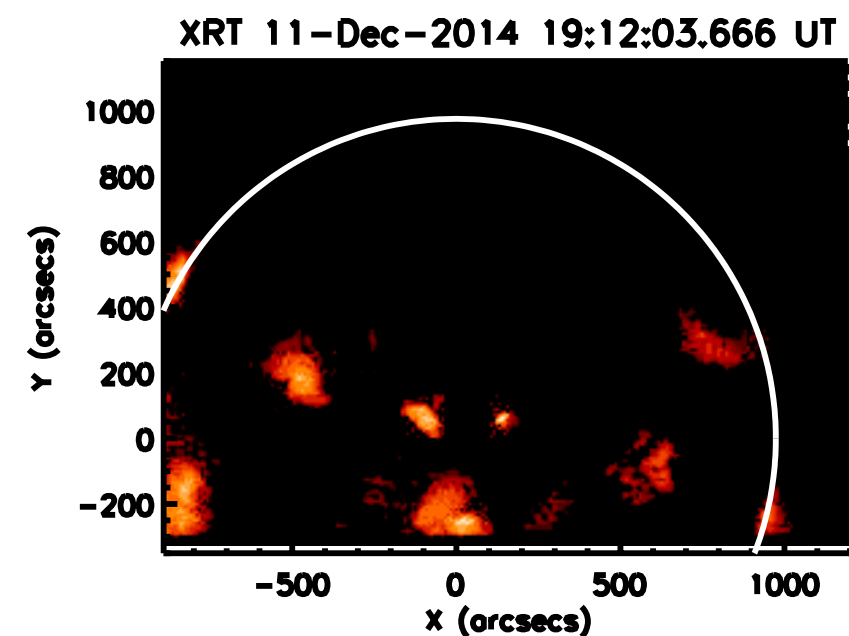
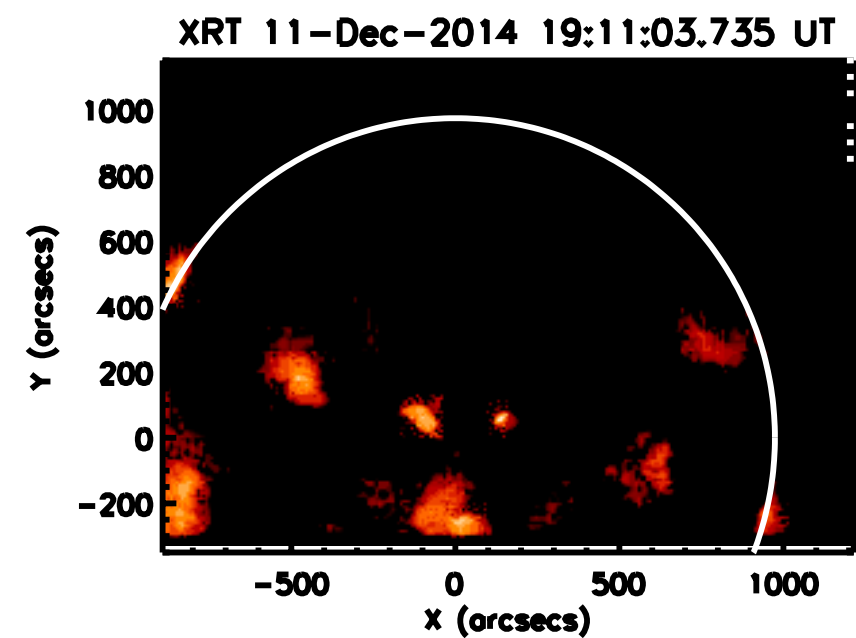
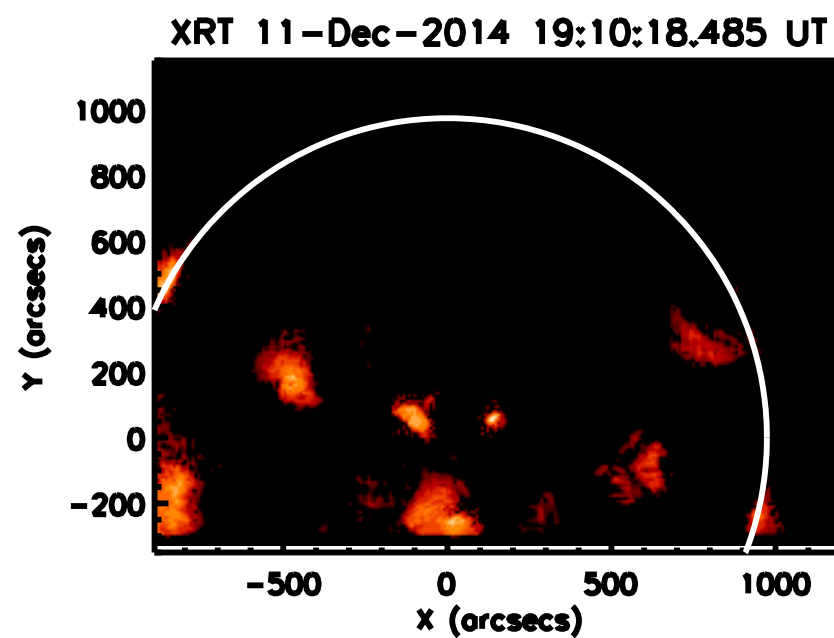
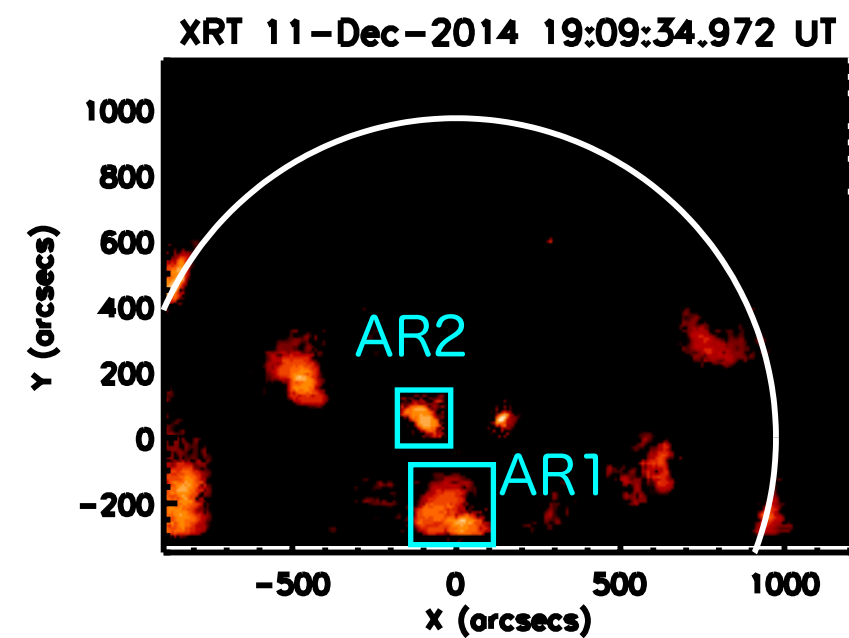
FOXSI2 target #11 stable 19:18:50

FOXSI2 target #12 stable 19:18:50.5

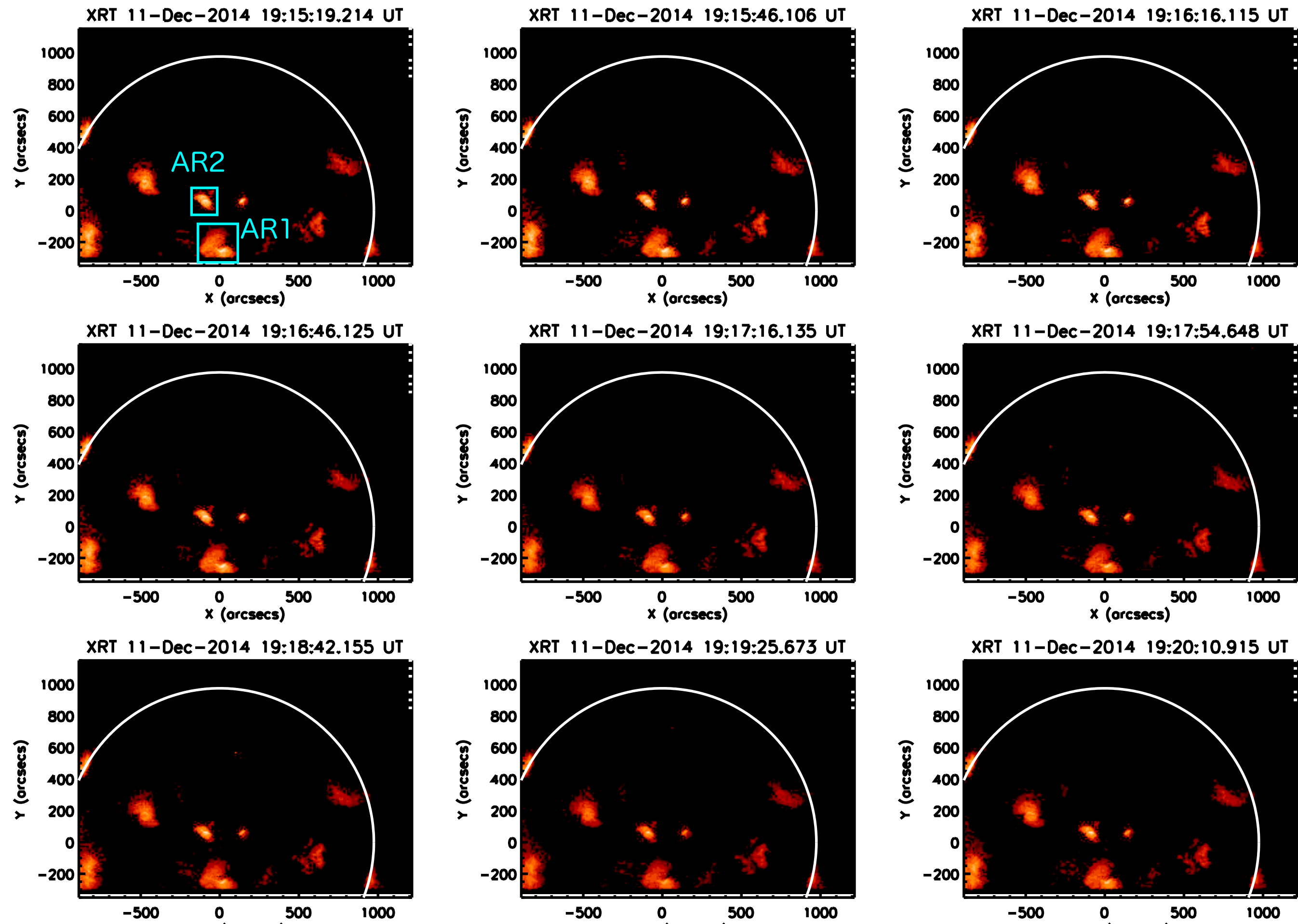
Shutter Door Close 19:19:25.6

XRT20141211_191925.6.fits	2014-12-11T19:19:25.673	2106.570 x 2106.570	0.0081840000	Open/Ti_poly*
XRT20141211_191929.9.fits	2014-12-11T19:19:29.948	2106.570 x 2106.570	16.383700	Open/Al_thick
XRT20141211_191949.2.fits	2014-12-11T19:19:49.226	2106.570 x 2106.570	16.385300	Open/Al_thick
XRT20141211_192010.9.fits	2014-12-11T19:20:10.915	2106.570 x 2106.570	0.0081520000	Open/Ti_poly*

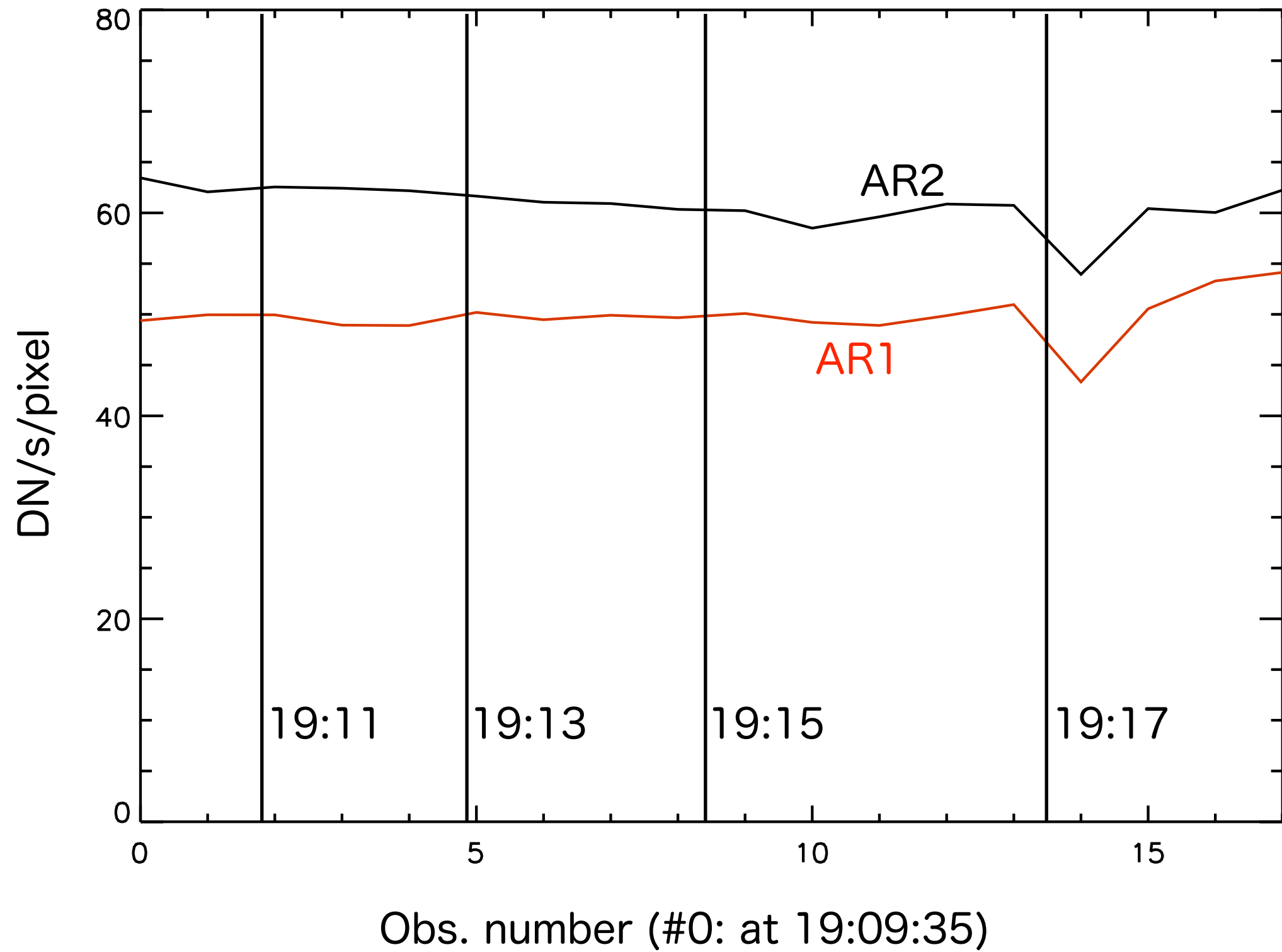
# “Flare patrol” data 1



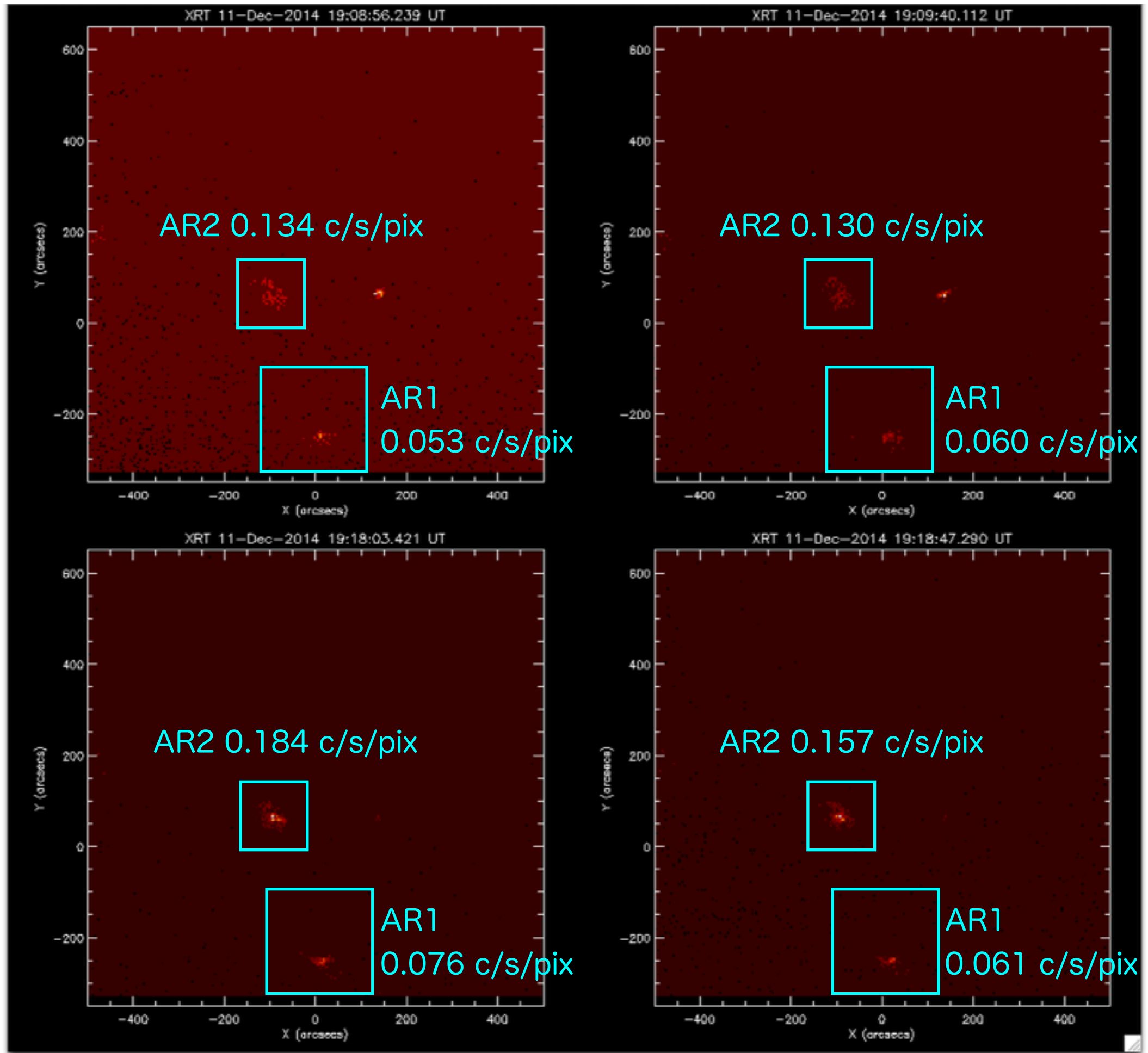
# “Flare patrol” data 2



# Lightcurves for 2 ARs

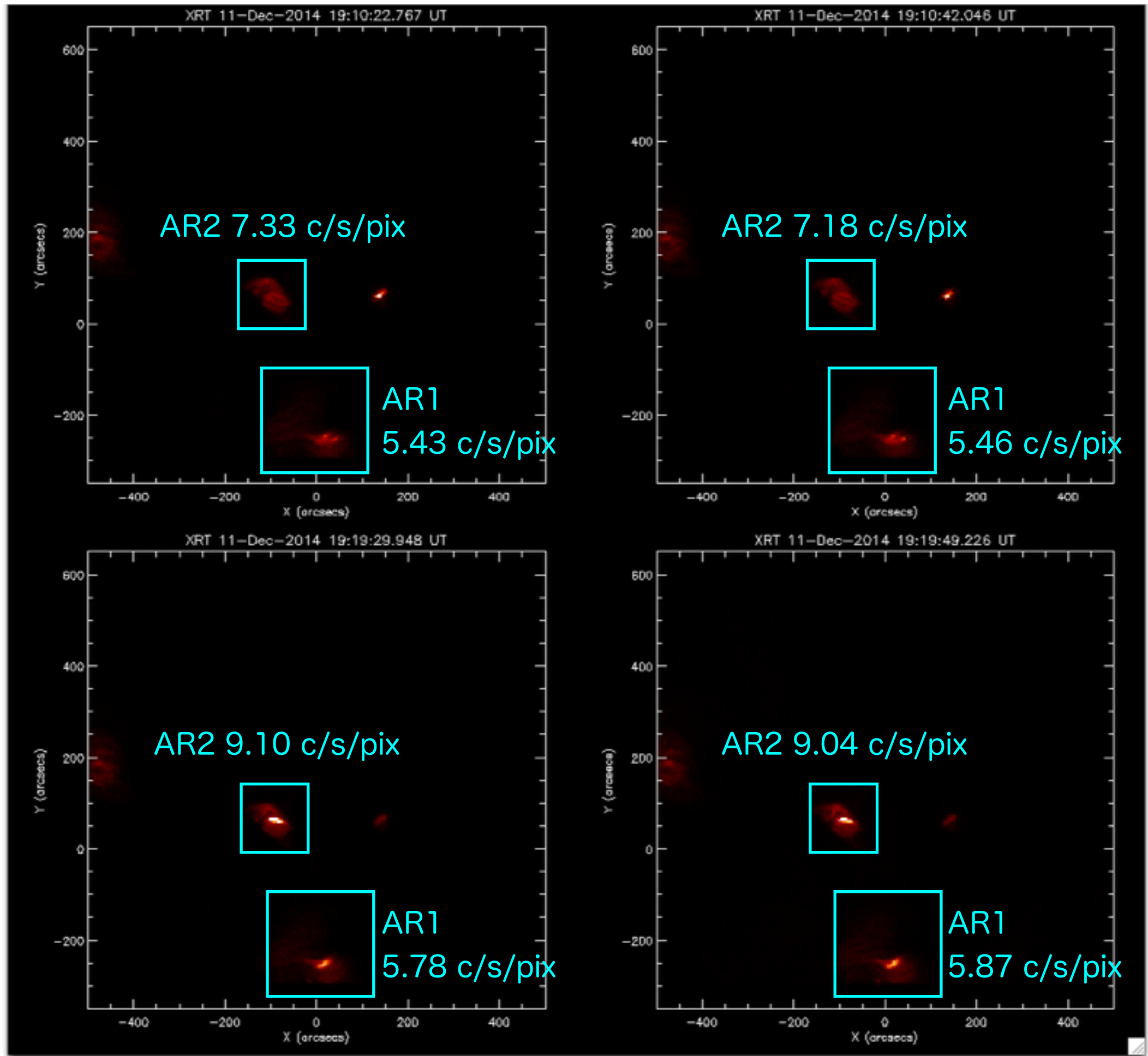


# Be thick filter





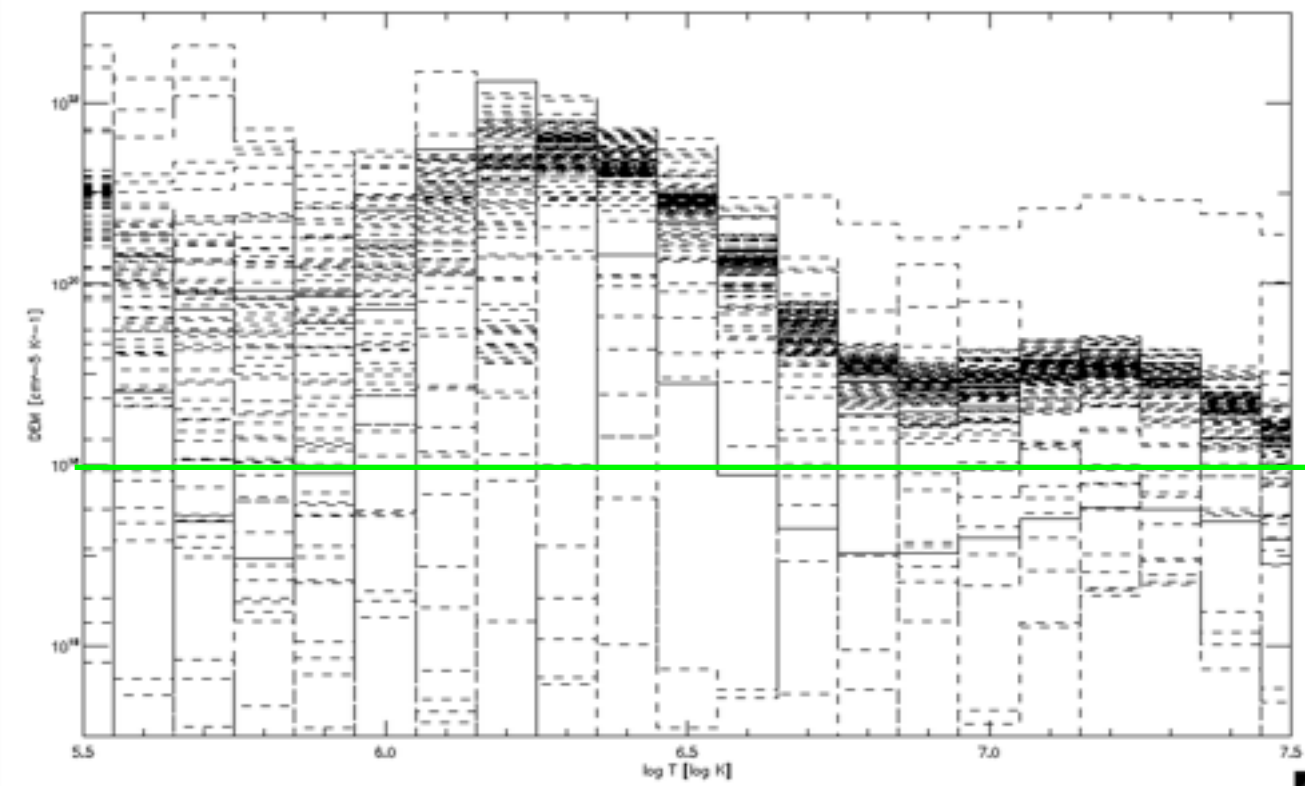
# Al thick filter



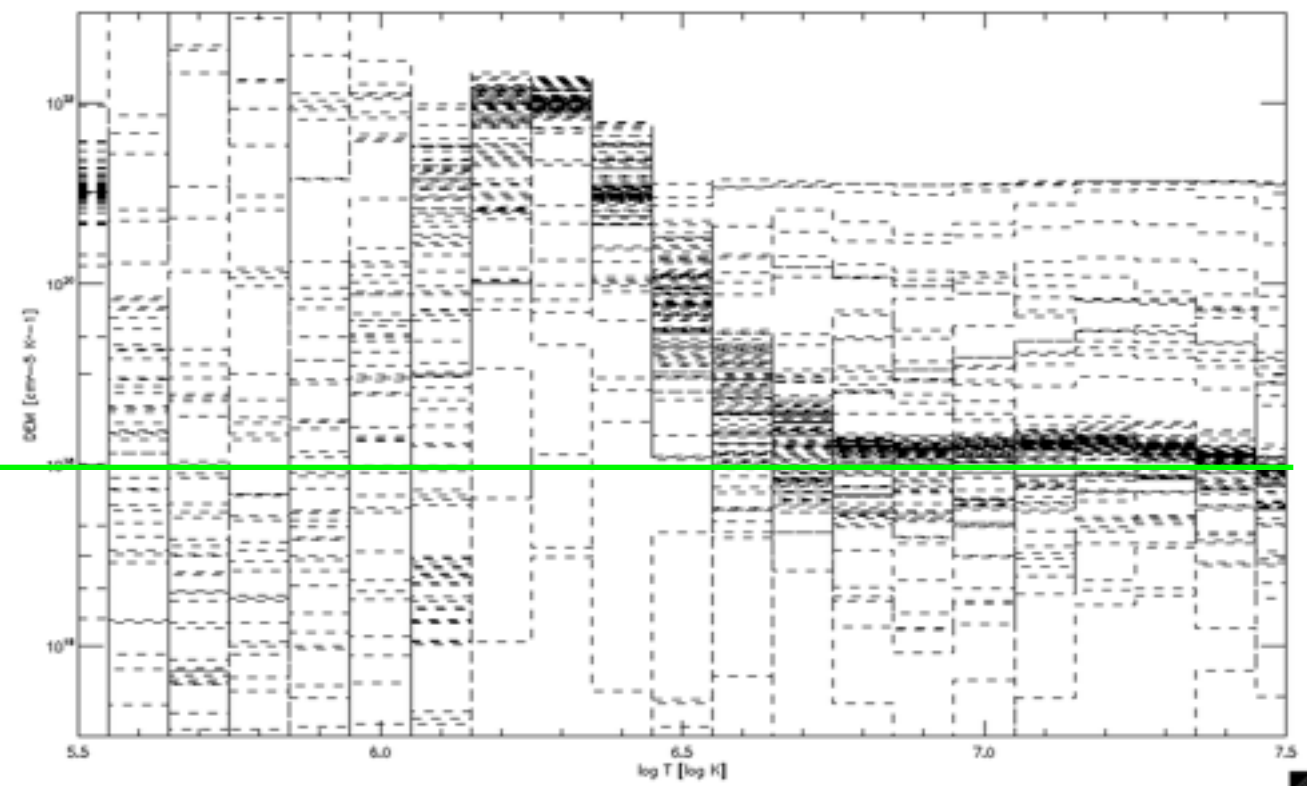
XRT AI mesh, medium exposure

XRT DEM

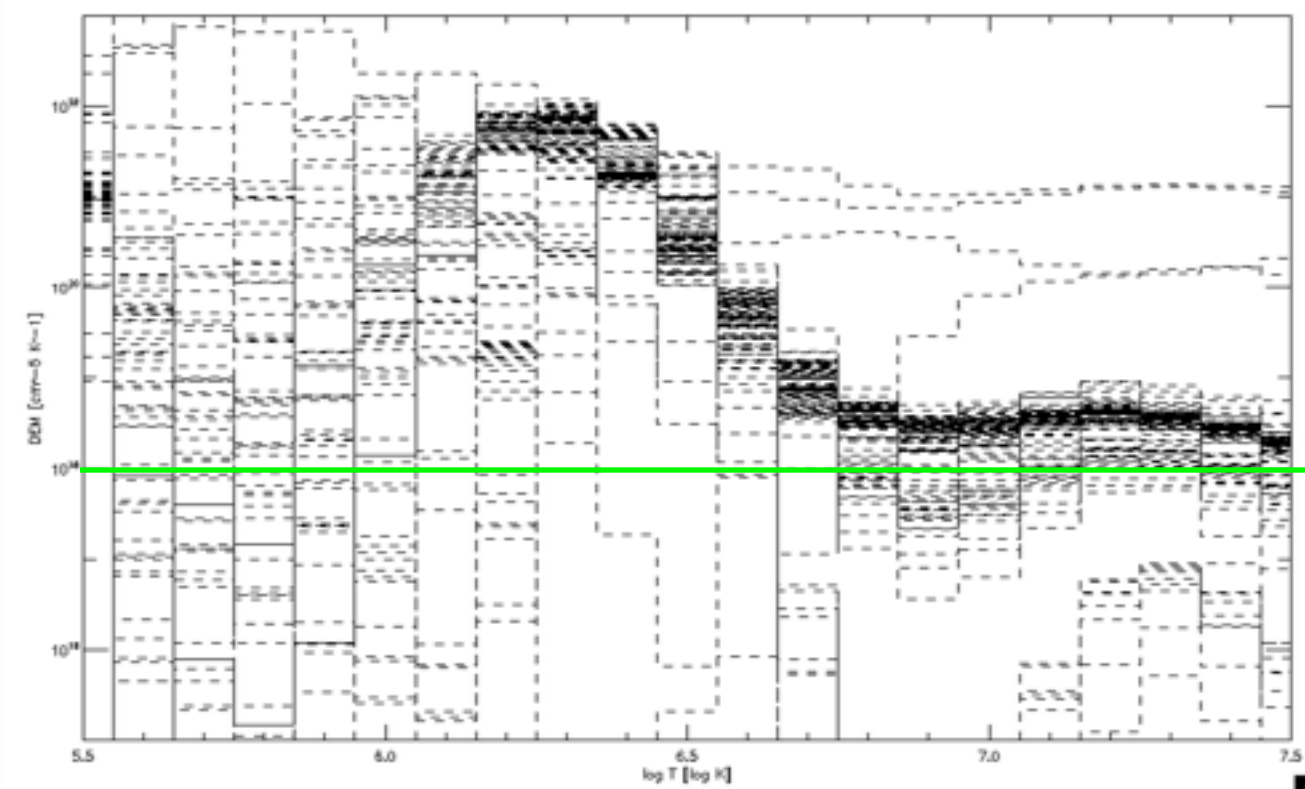
AR1 19:08:56-19:14:57



AR1 19:18:03-19:24:04



AR2 19:08:56-19:14:57



AR2 19:18:03-19:24:04

