

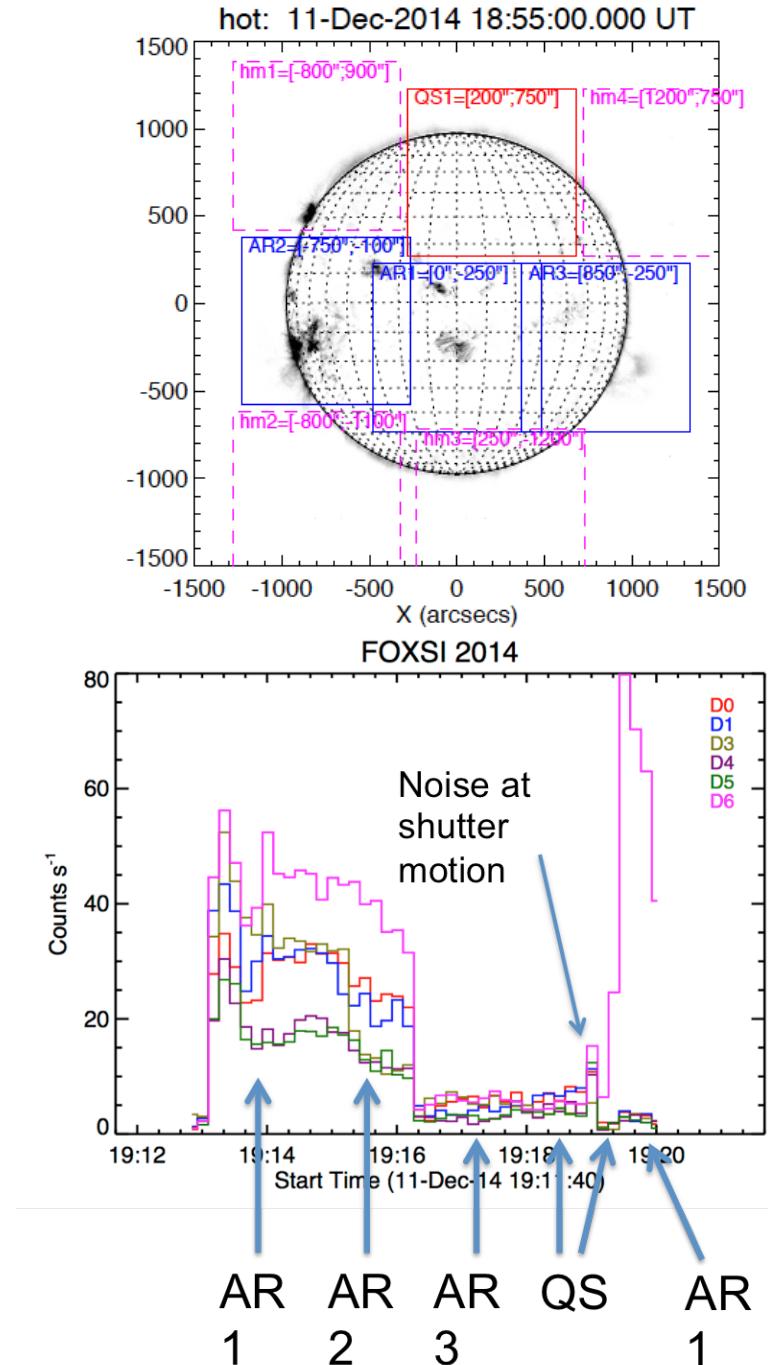
NuSTAR / FOXSI update for 2014 Dec 11 solar pointing

Lindsay and Säm

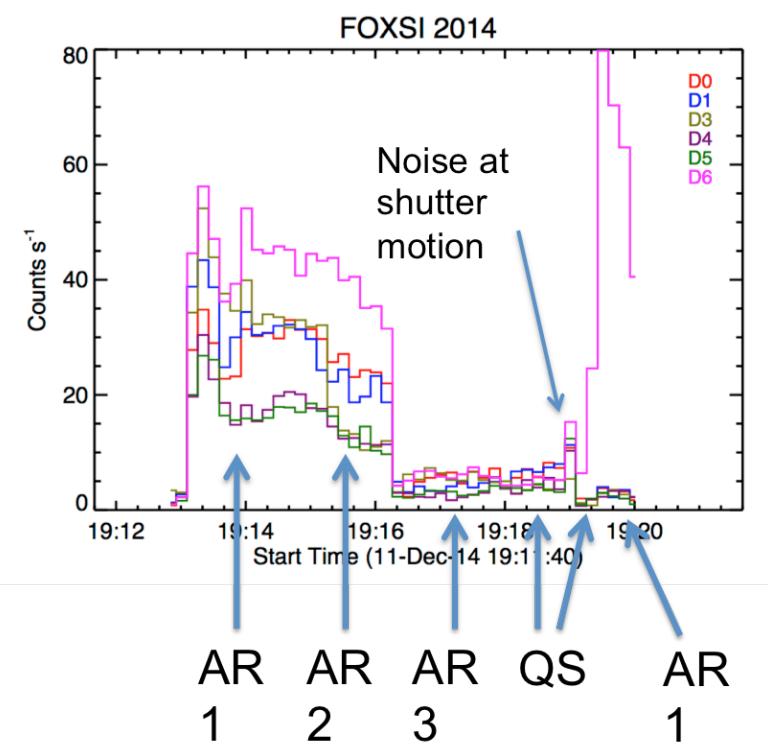
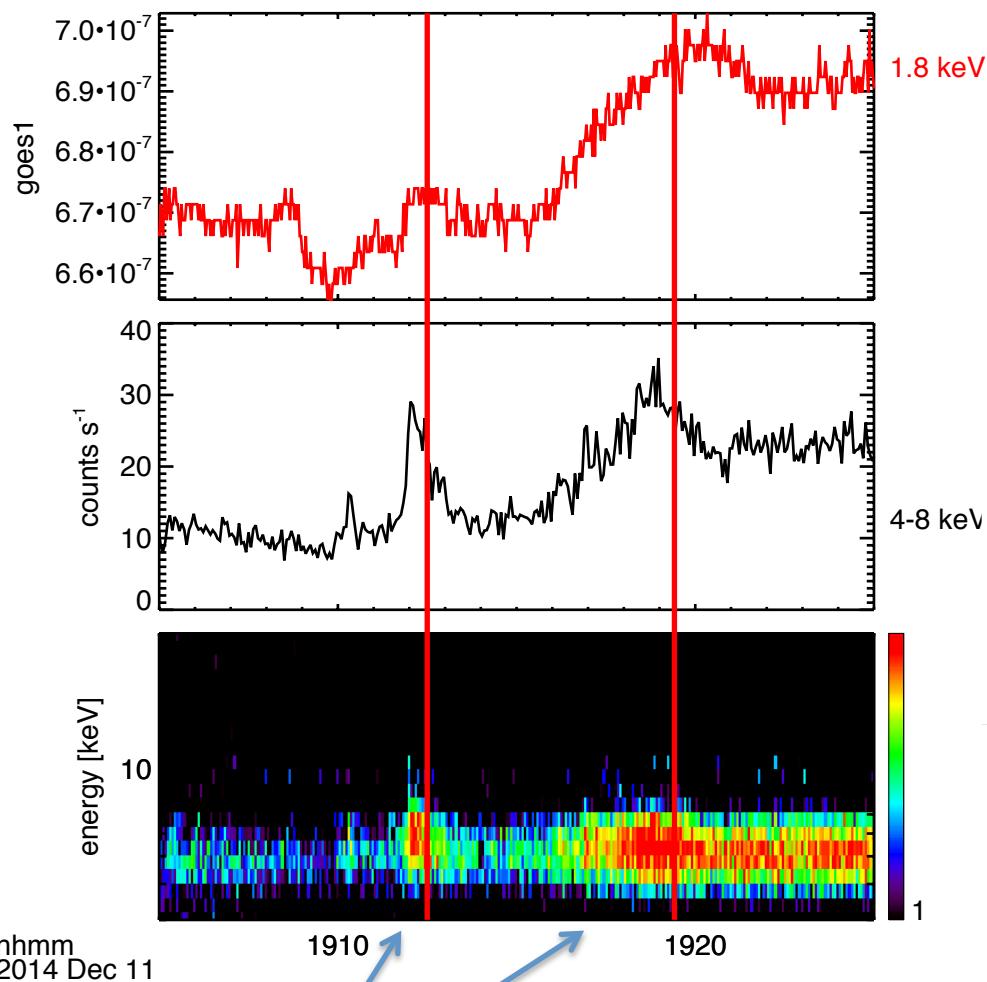
2014 Jan 12

Pointing plan

- Sequence (20-100 sec on each):
 - AR1
 - AR2
 - AR3
 - QS1
 - QS1 (shutter in)
 - AR1 (shutter in)
- D6 has highest area (3 extra shells) and no shutter.

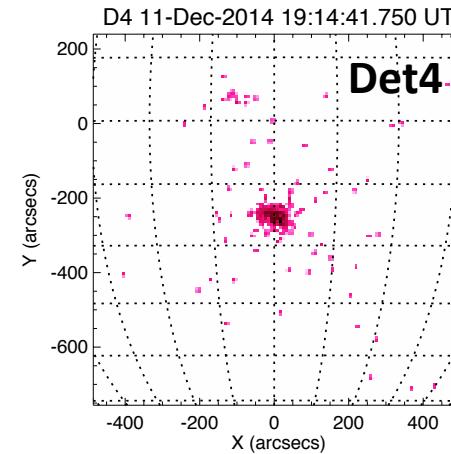
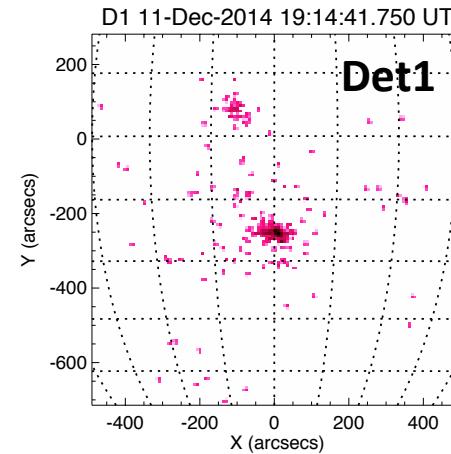
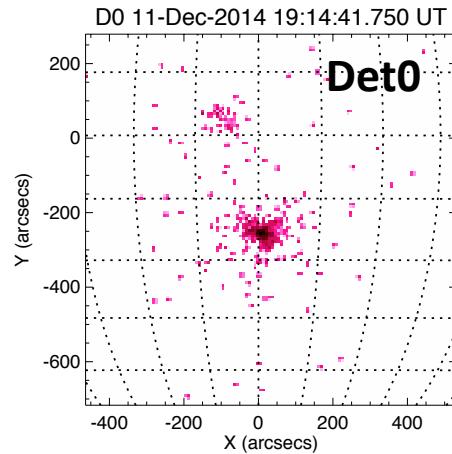


RHESSI time profile

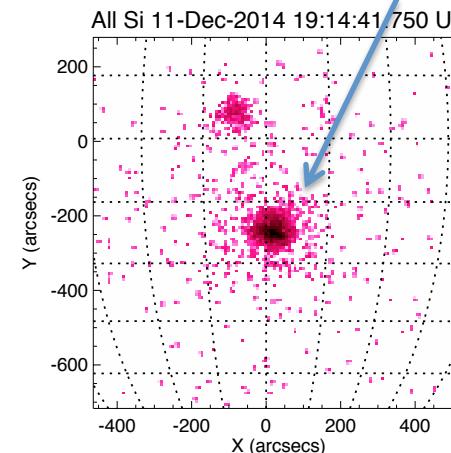
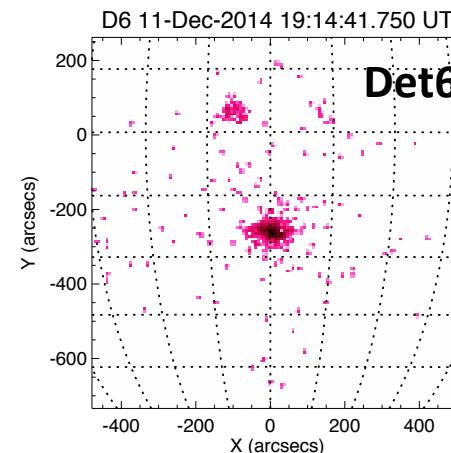
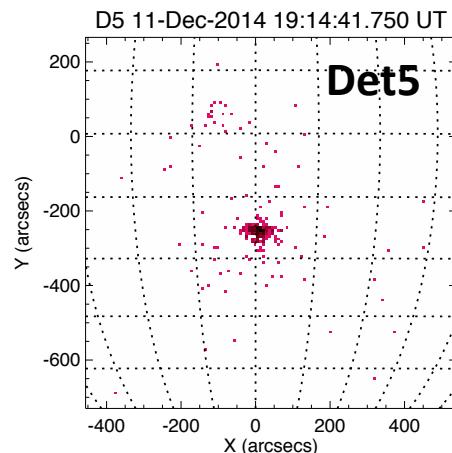


Microflares

First target: 2 active regions (log scale)



Flare in
progress

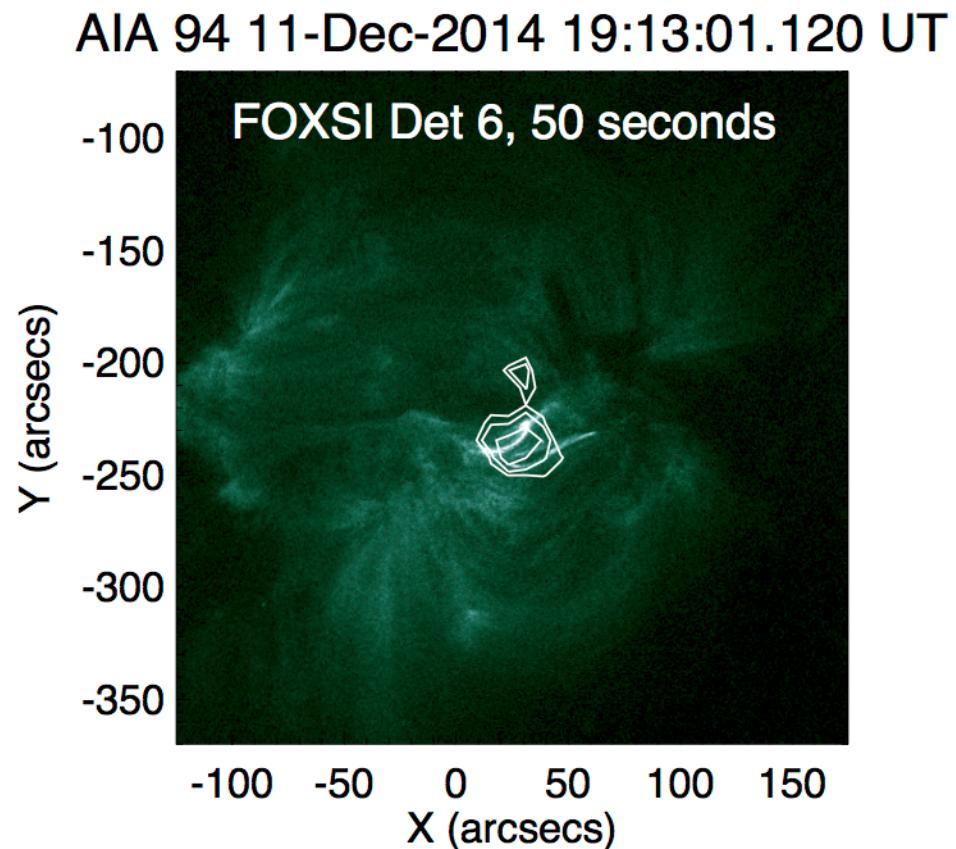
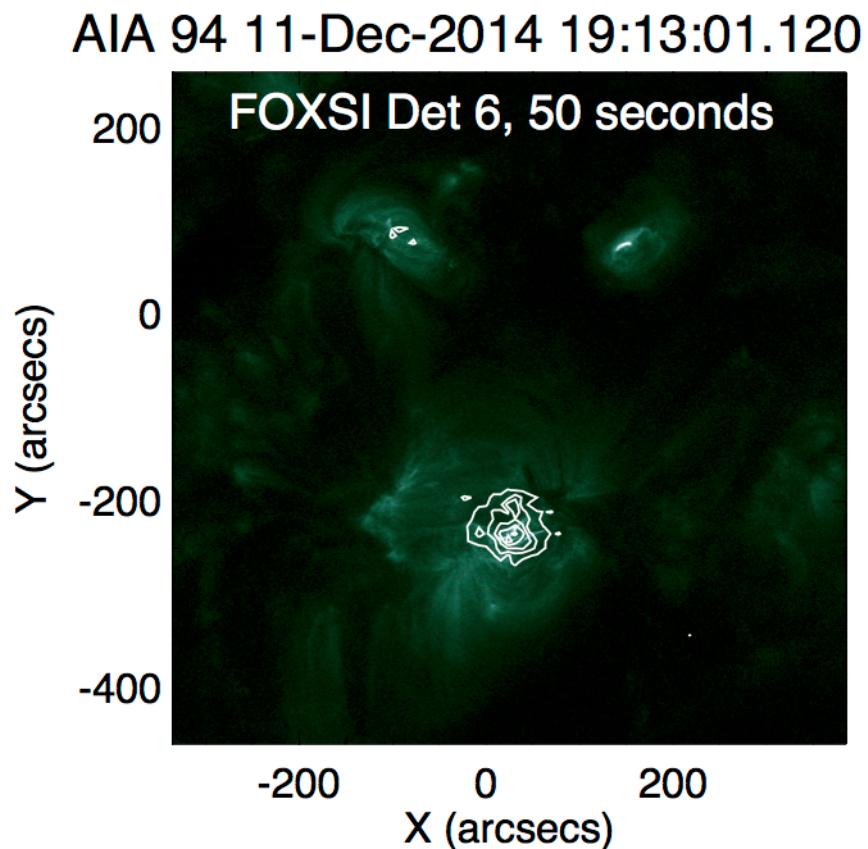


5 Si detectors added
together

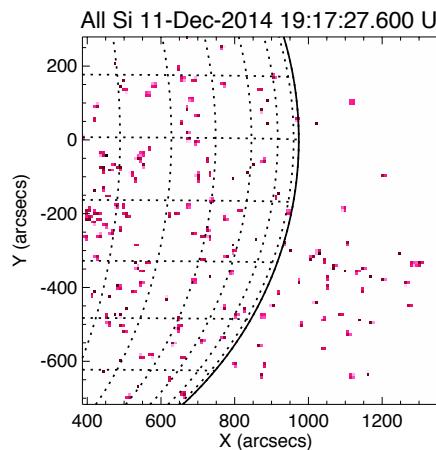
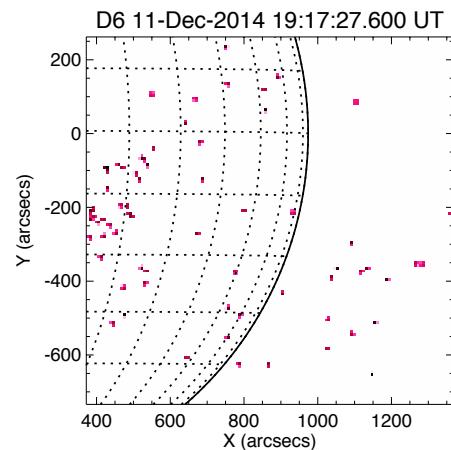
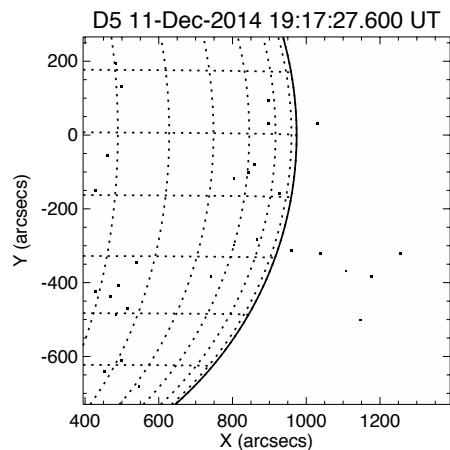
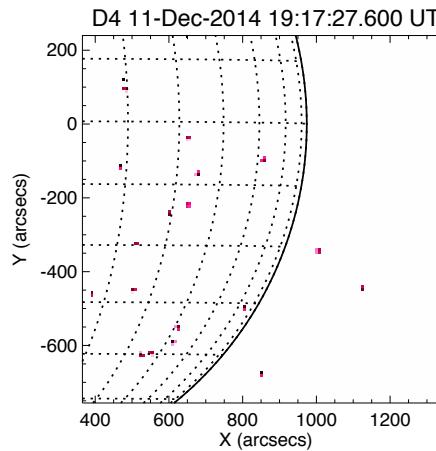
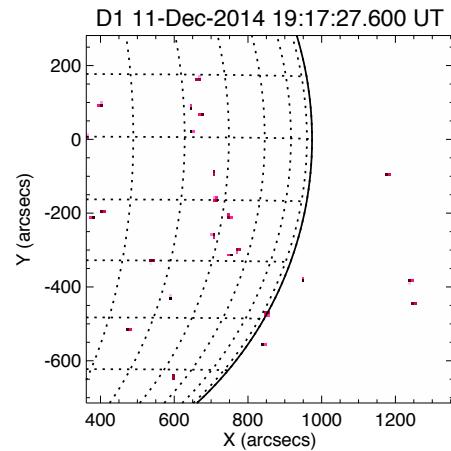
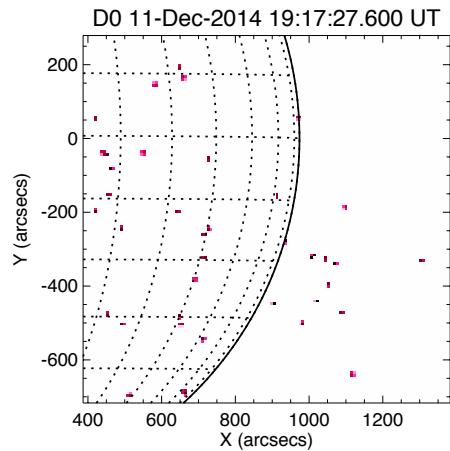
38.5 sec integration

Detector 6 alone, with AIA 94A

Sources are lined up by eye for now.



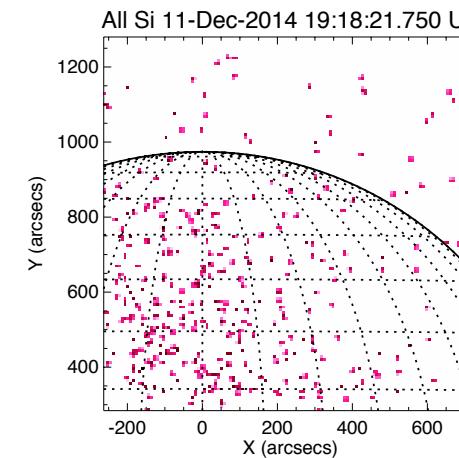
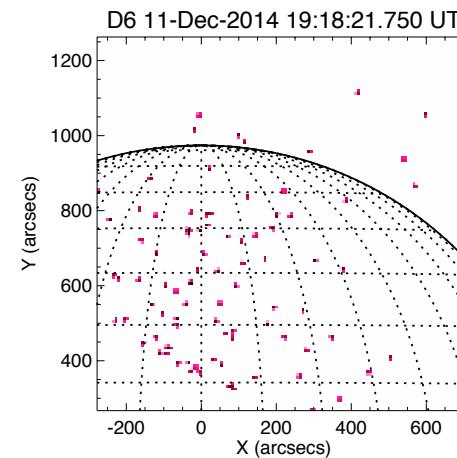
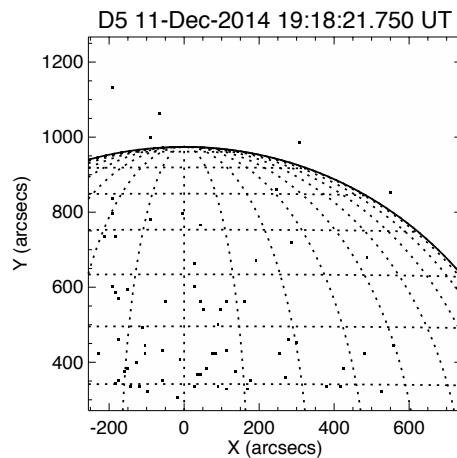
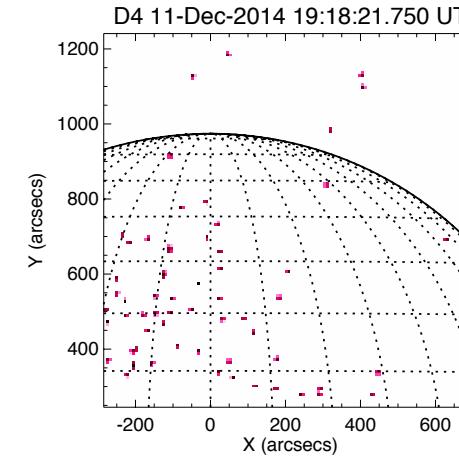
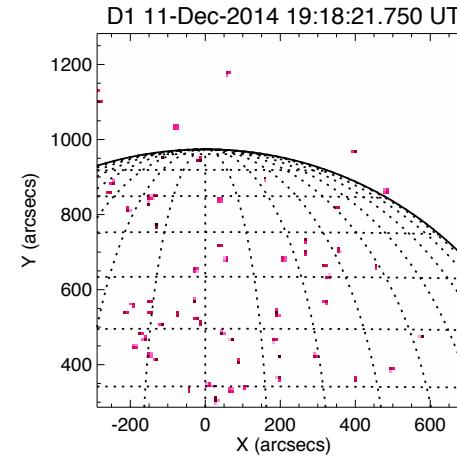
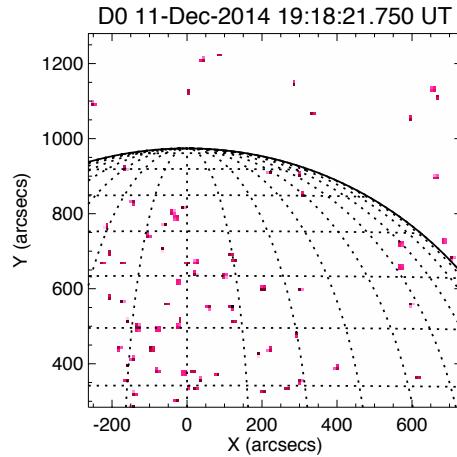
Third target: southwest limb



35.2000 seconds

35.2 sec integration

Fourth target: Quiet Sun



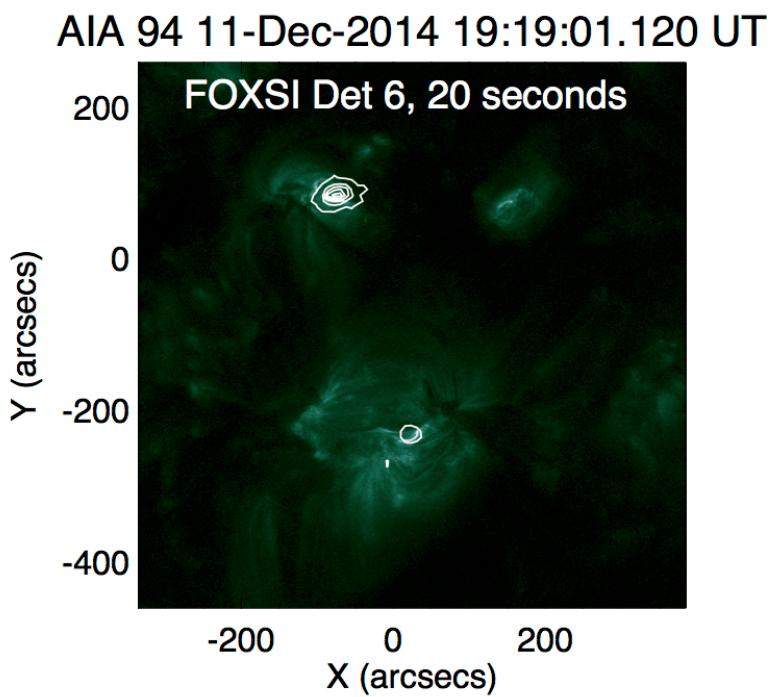
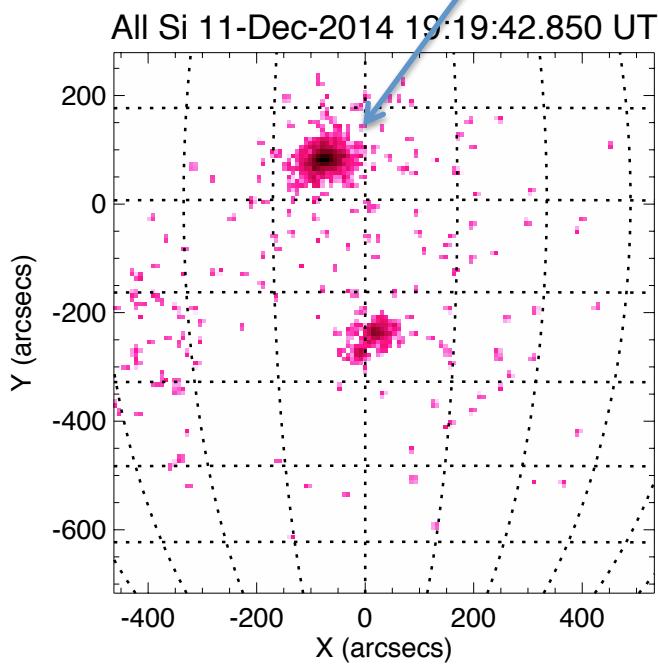
64.5 sec integration

64.5000 seconds

Not clear if this is single bounce.

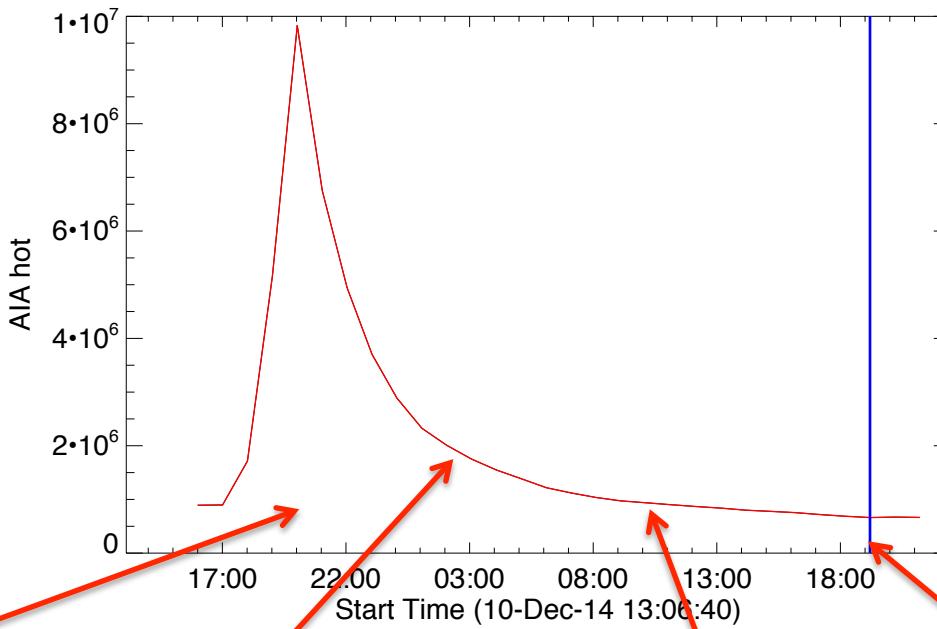
Last target: same as first

Now this
guy's flaring.

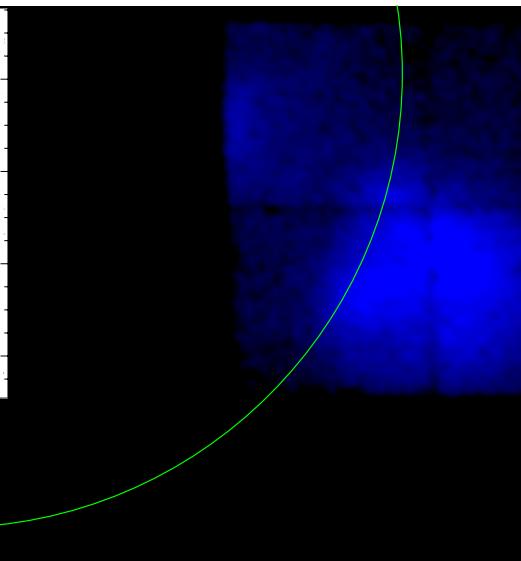
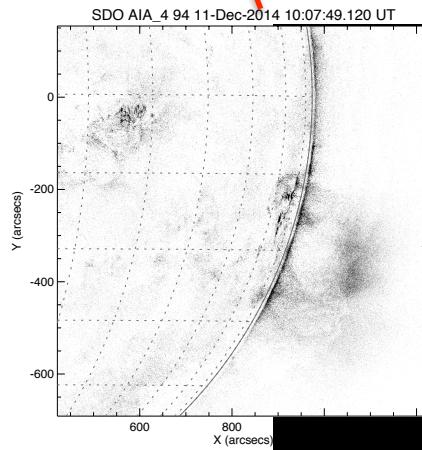
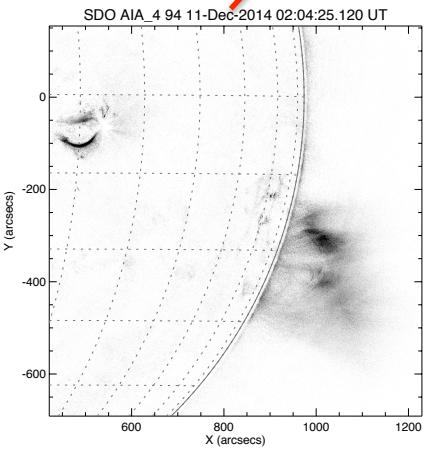
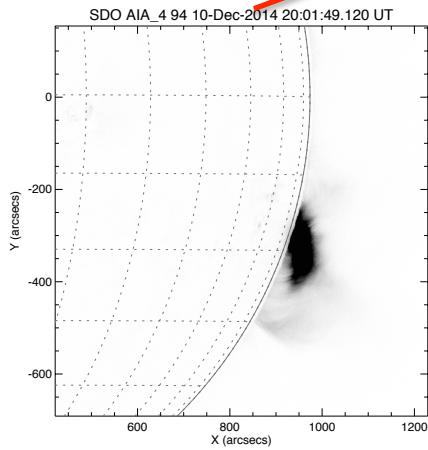


32.7 sec integration

Decaying limb flare and NuSTAR/FOXSI observations

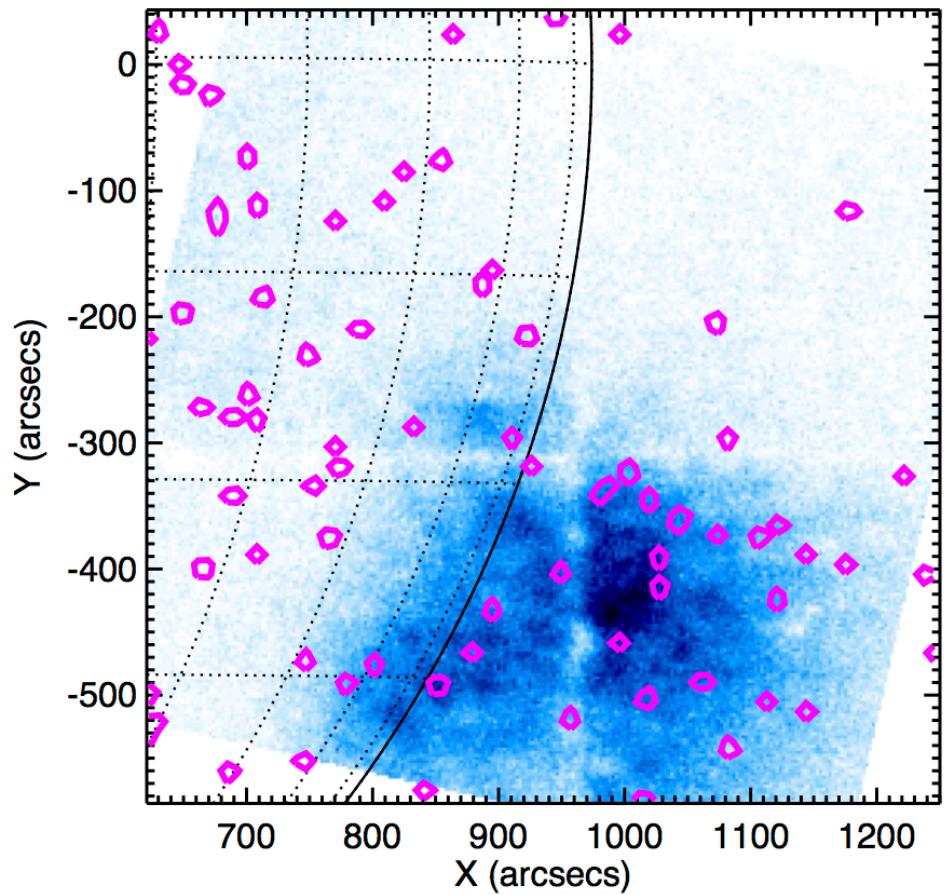


NuSTAR



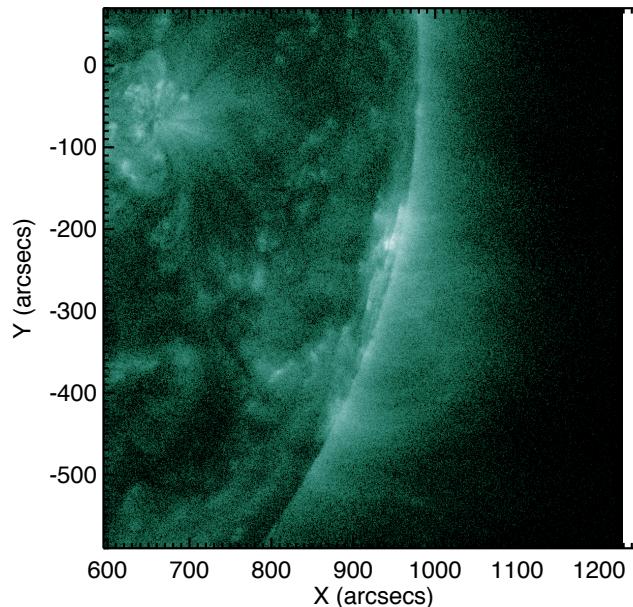
AR at SW limb

NUSTAR FPMA 11-Dec-2014 18:21:07.000 UT

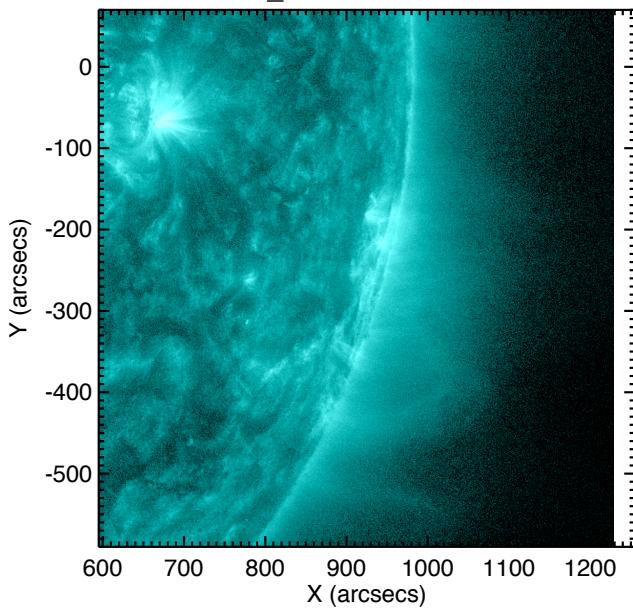


FOXSI 19:17:10 - 19:17:45 single counts

SDO AIA_4 94 19:17:37.130 UT

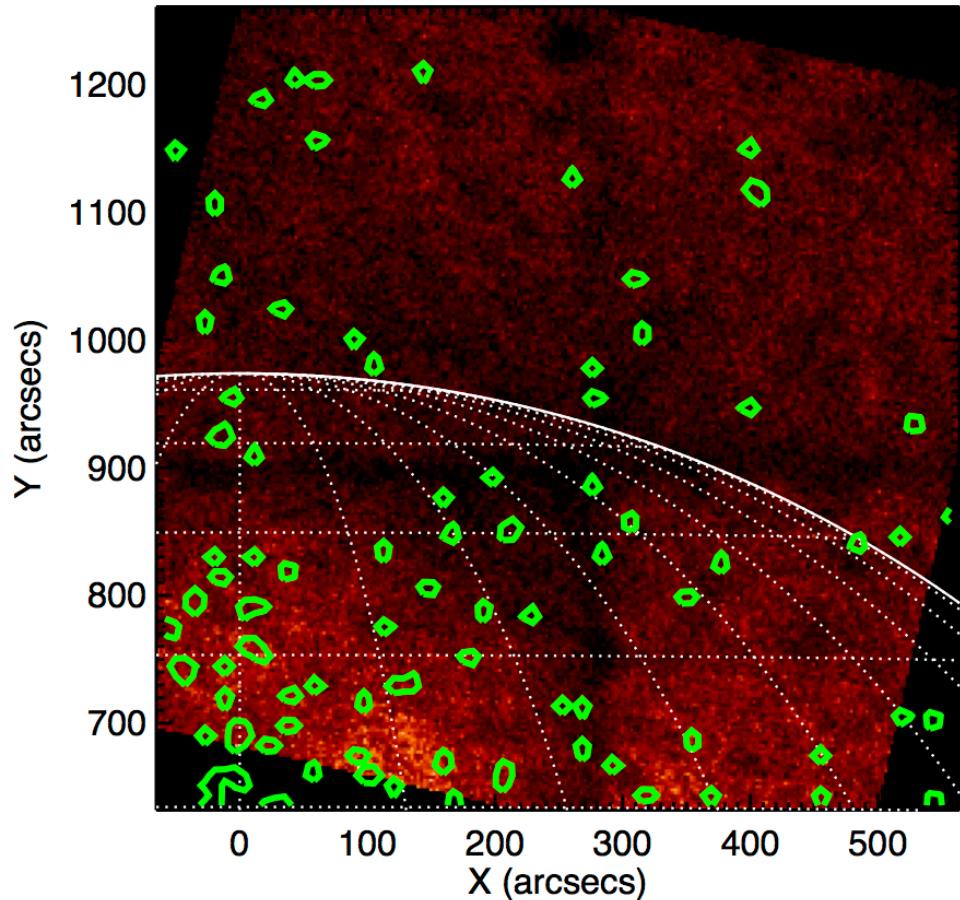


SDO AIA_1 131 19:17:44.620 UT



Quiet Sun region

NUSTAR FPMA 11-Dec-2014 19:06:07.000 UT



FOXSI 19:17:49 - 19:19:22 single counts

