DARK ENERGY SURVEY

PreCam Flat Field QA

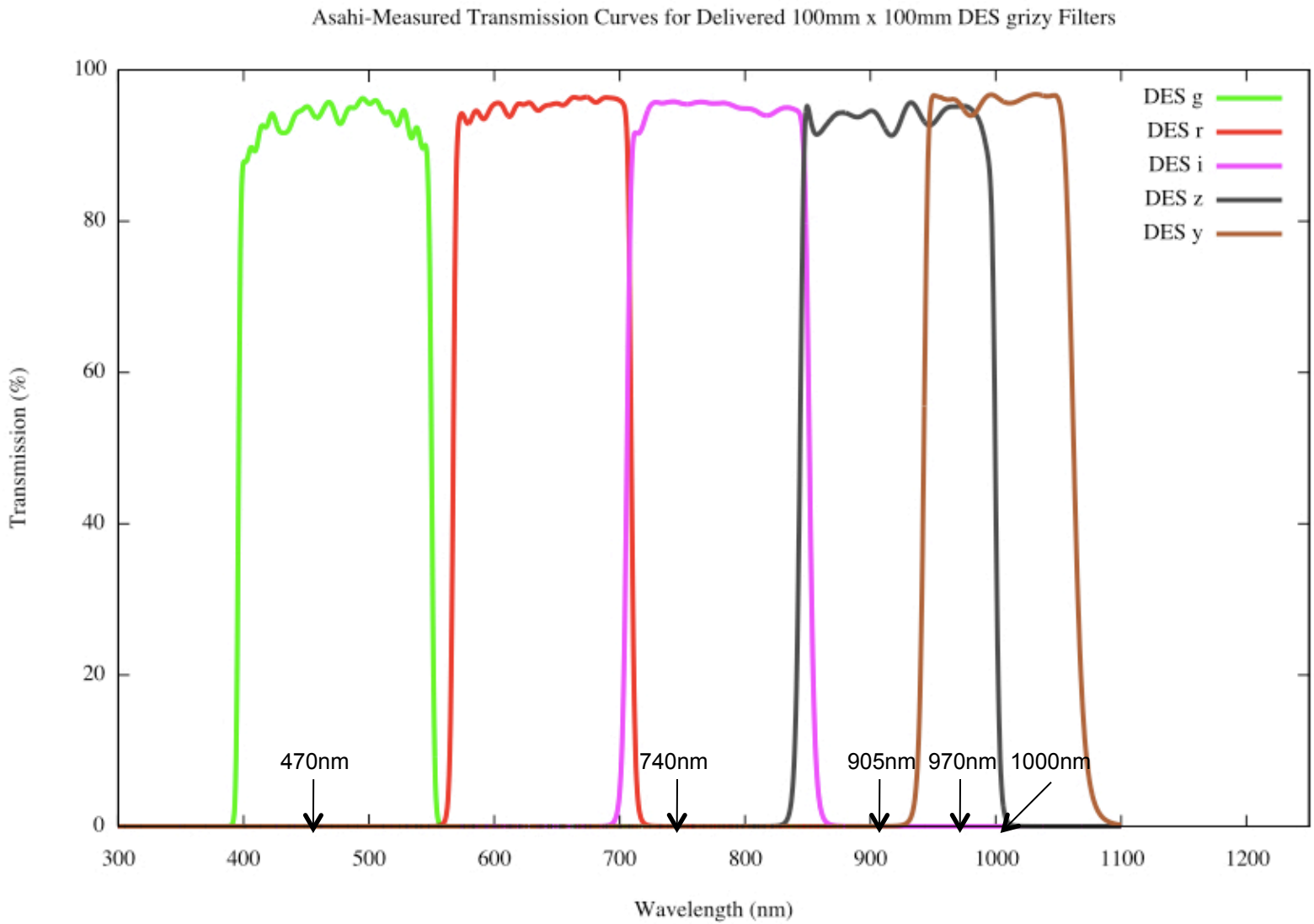
Sahar Allam and Douglas Tucker

27 January 2011

Flat Field Lamp Control Box

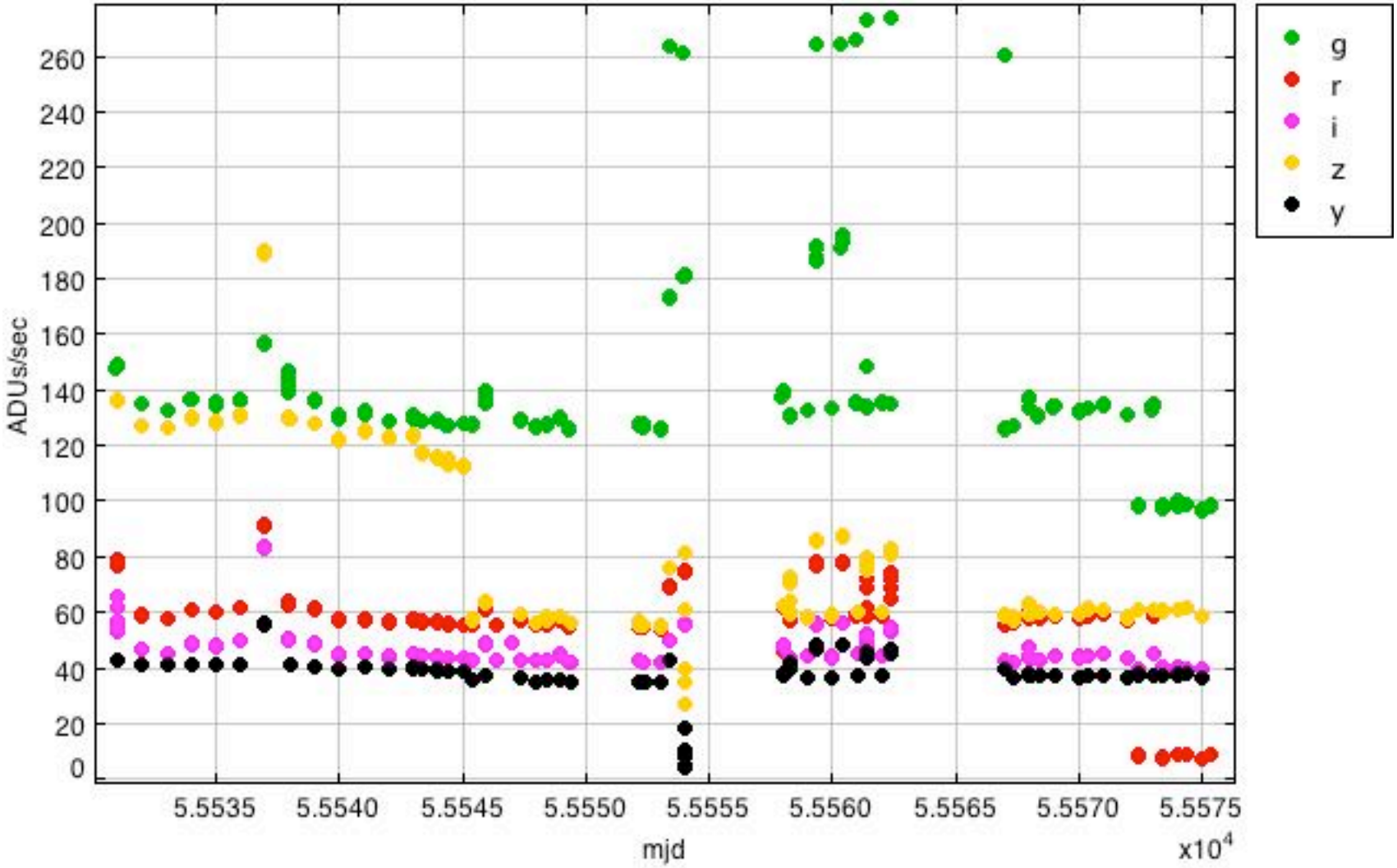
DARK ENERGY SURVEY

DES grizy Filters by Asahi



Flat Field Brightness vs. Time (MJD)

Measured in a 100x100 pixel “box” in Amp A of CCD 1



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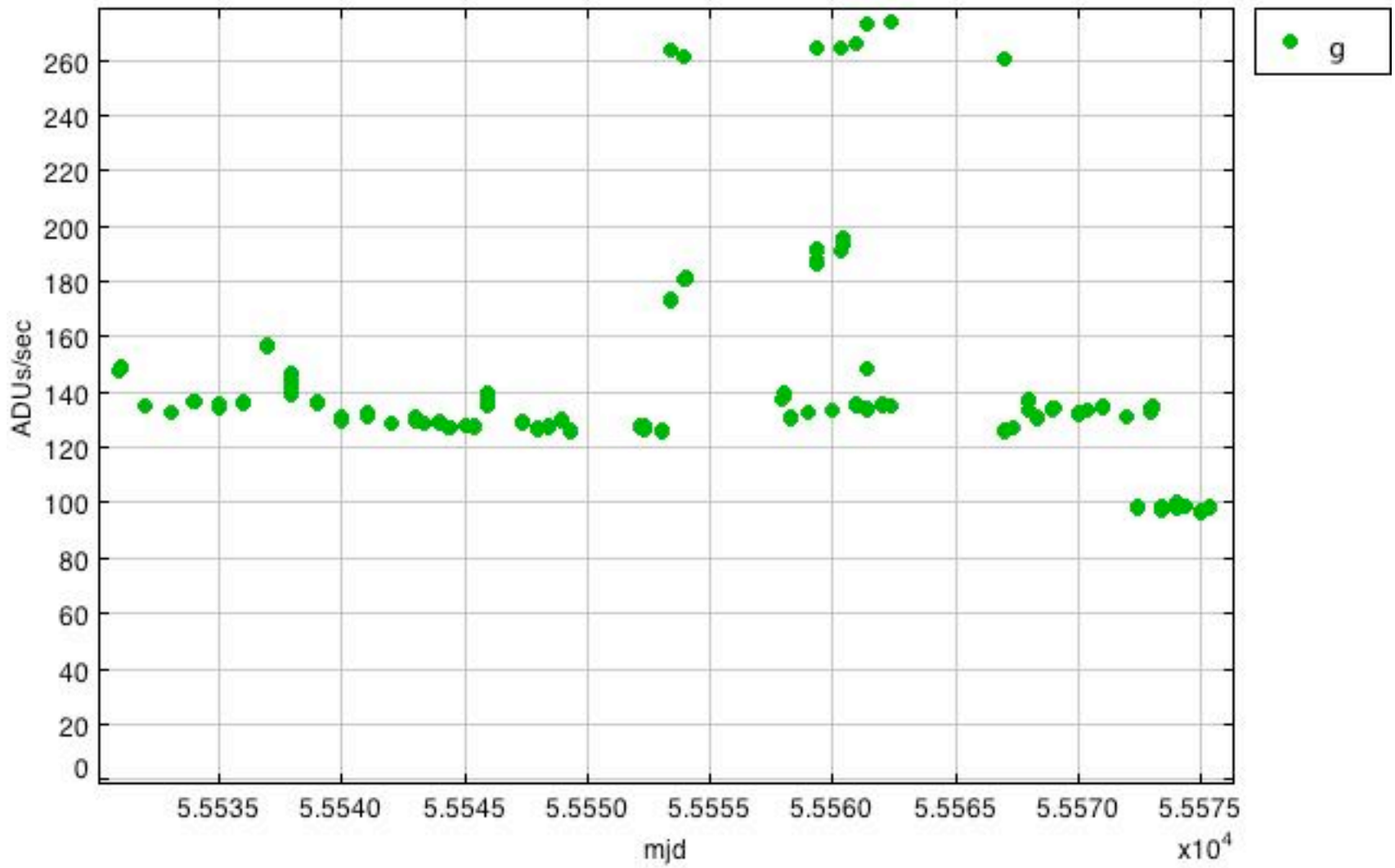

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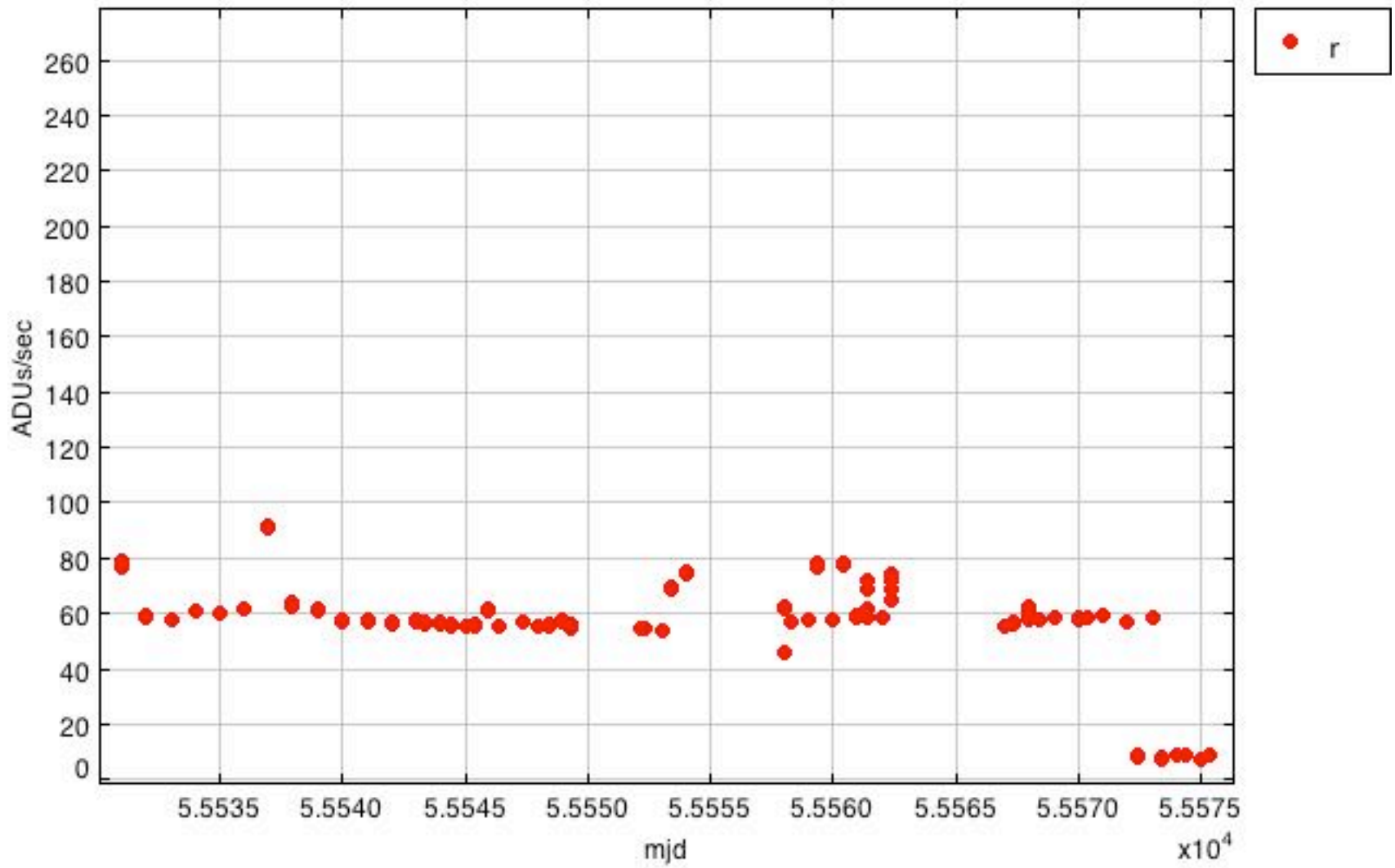

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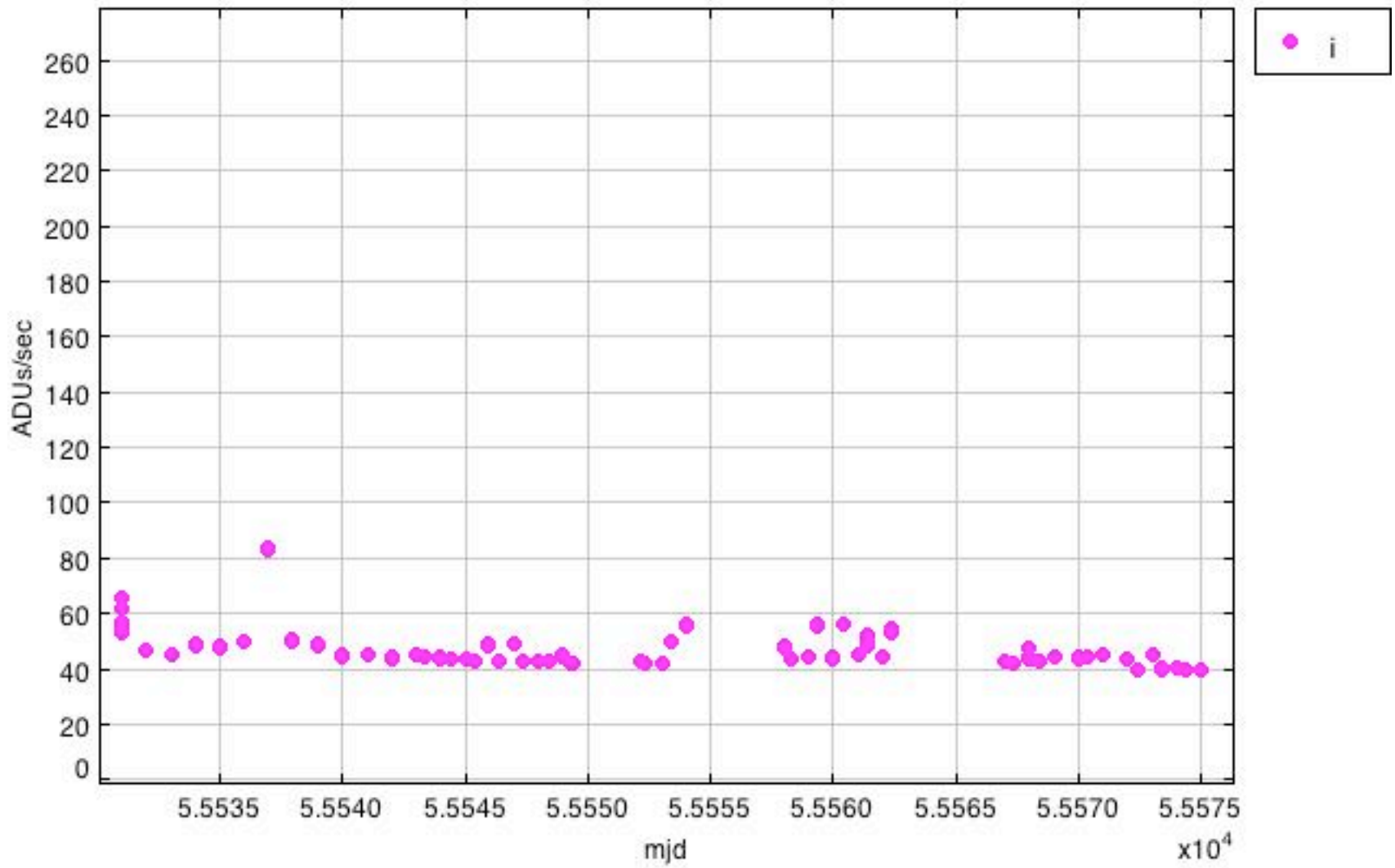

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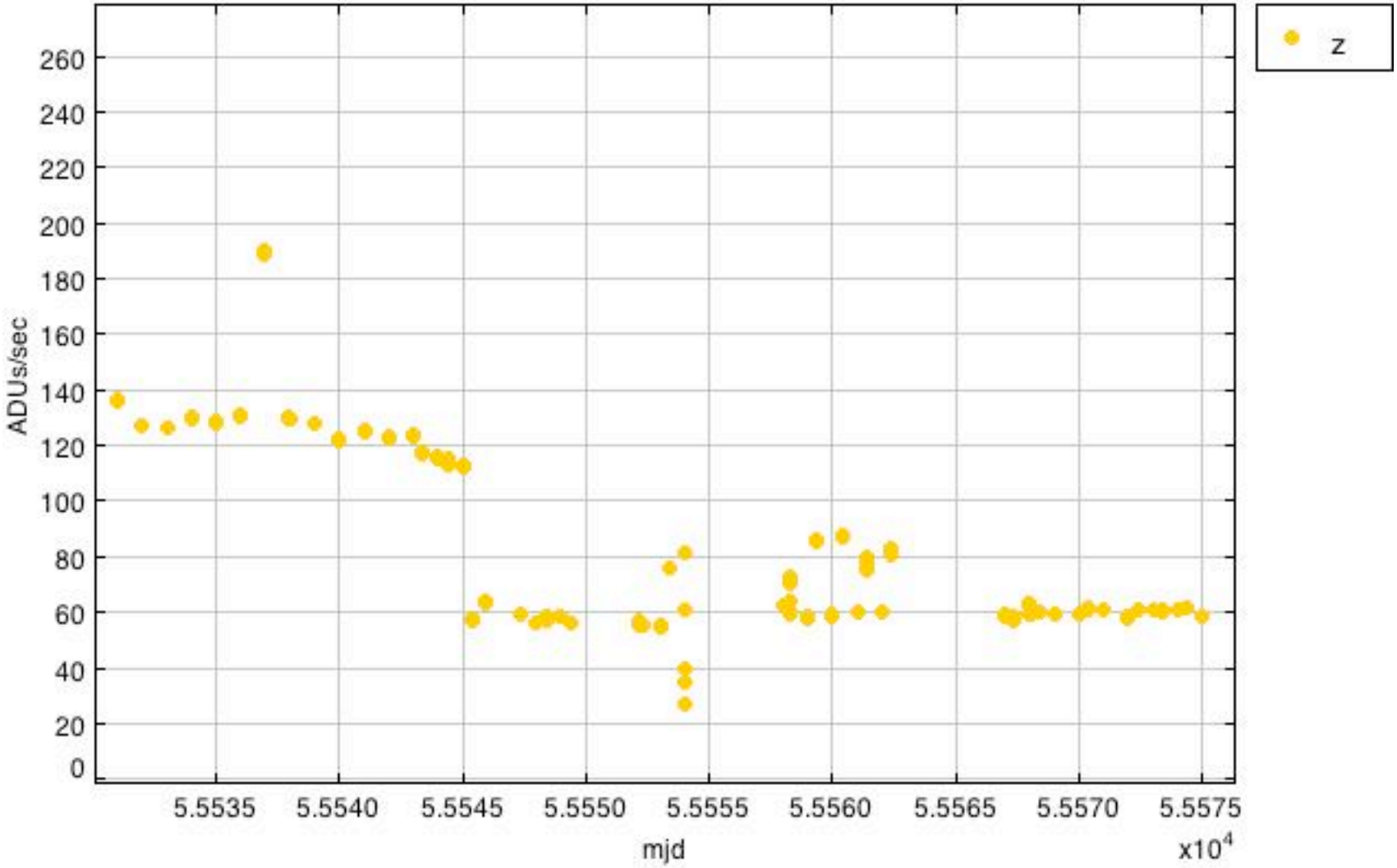

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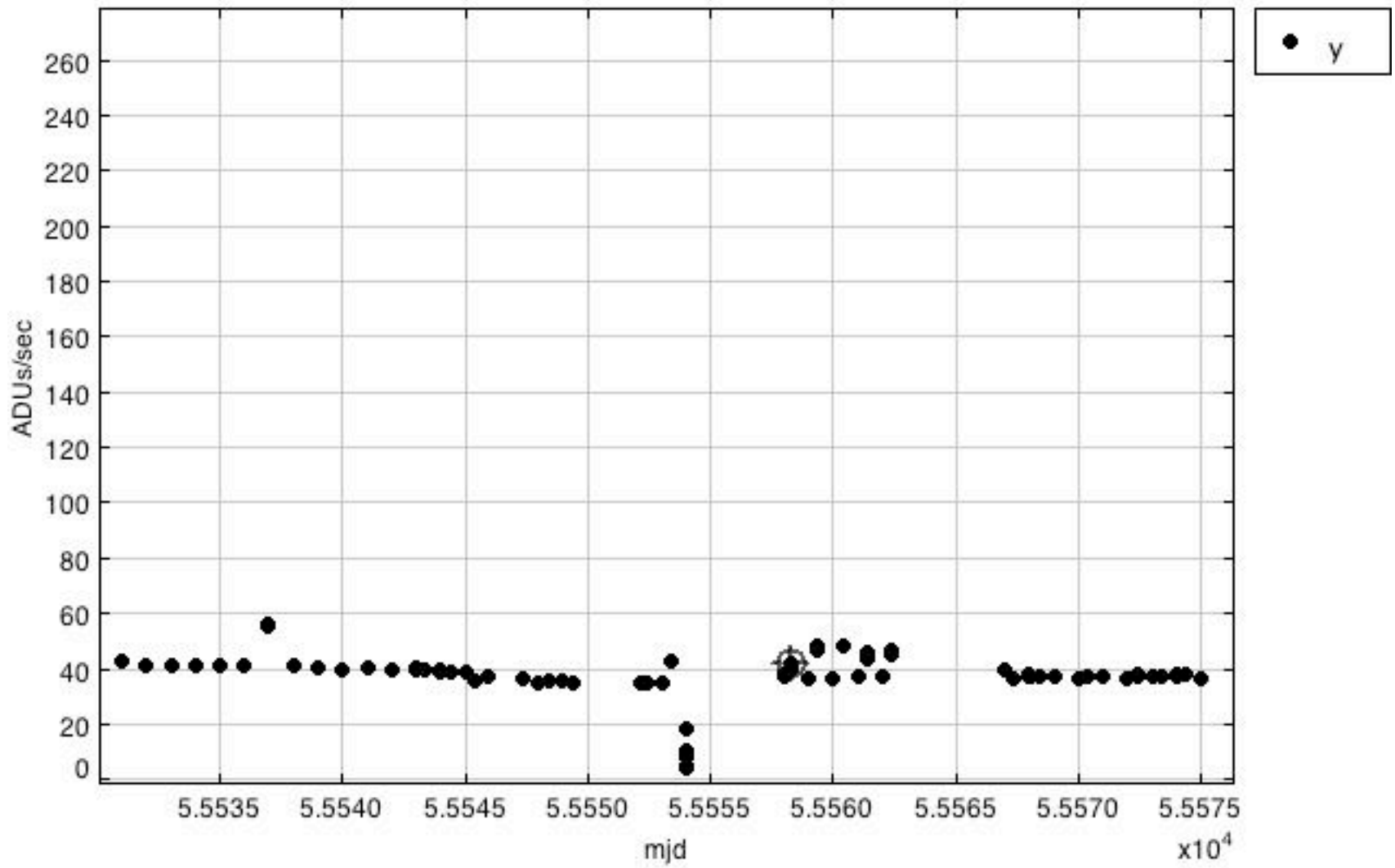

Results

DARK ENERGY SURVEY

1. Dome lights on during flats for the night of MJD 55537?

2. Shutter problems between MJD 55553 and 55566
   - Broken or sticky

3. No problems with *i*- or *y*-band flats aside from period where we experienced shutter problems.

4. Problem with *z*-band flats starting on MJD 55545.
   - Problem with 905nm LED?
   - No apparent problems with *i*-band flats, which might indicate the 970nm or 1000nm LED.

5. Problem with *g*- and *r*-band flats starting on MJD 55572.
   - As Pat Seitzer reported, white light LED was not working when he arrived.