

SOHO LASCO Images and Photometry

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PDS Data Review

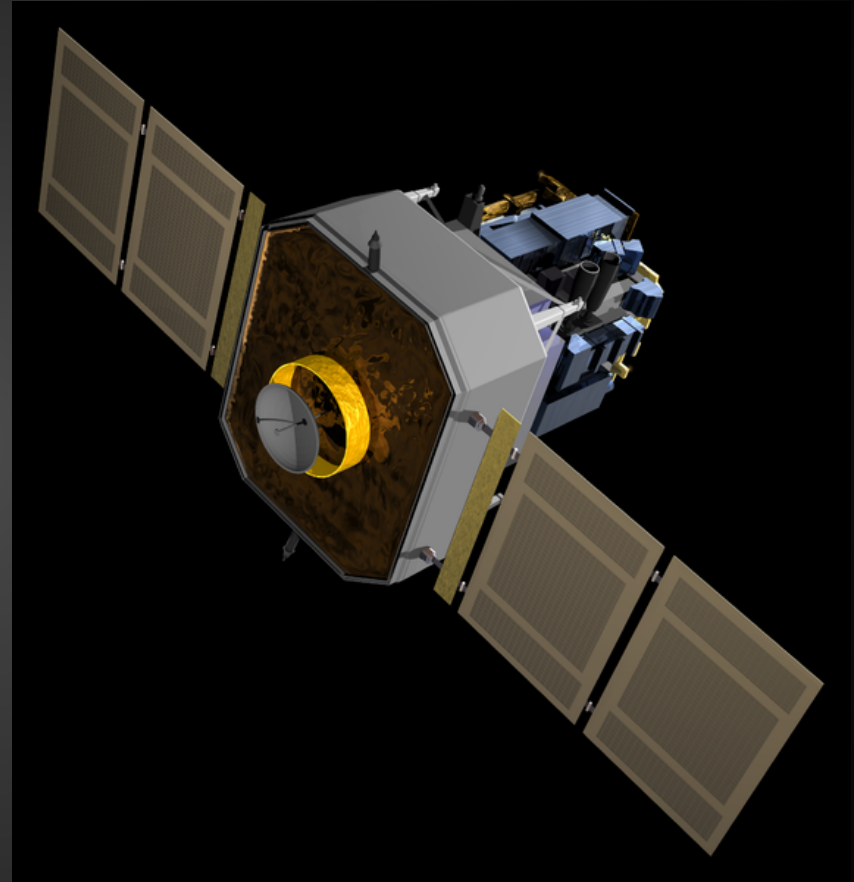
Dec 2014

SOHO LASCO

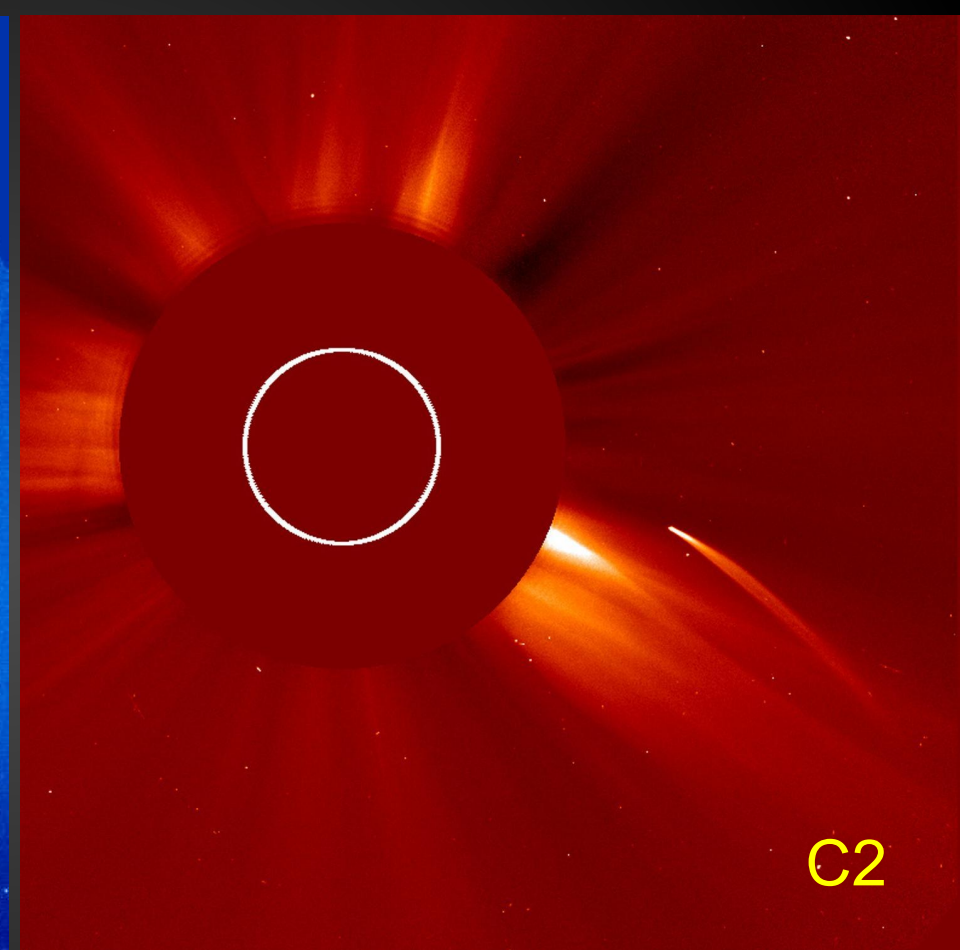
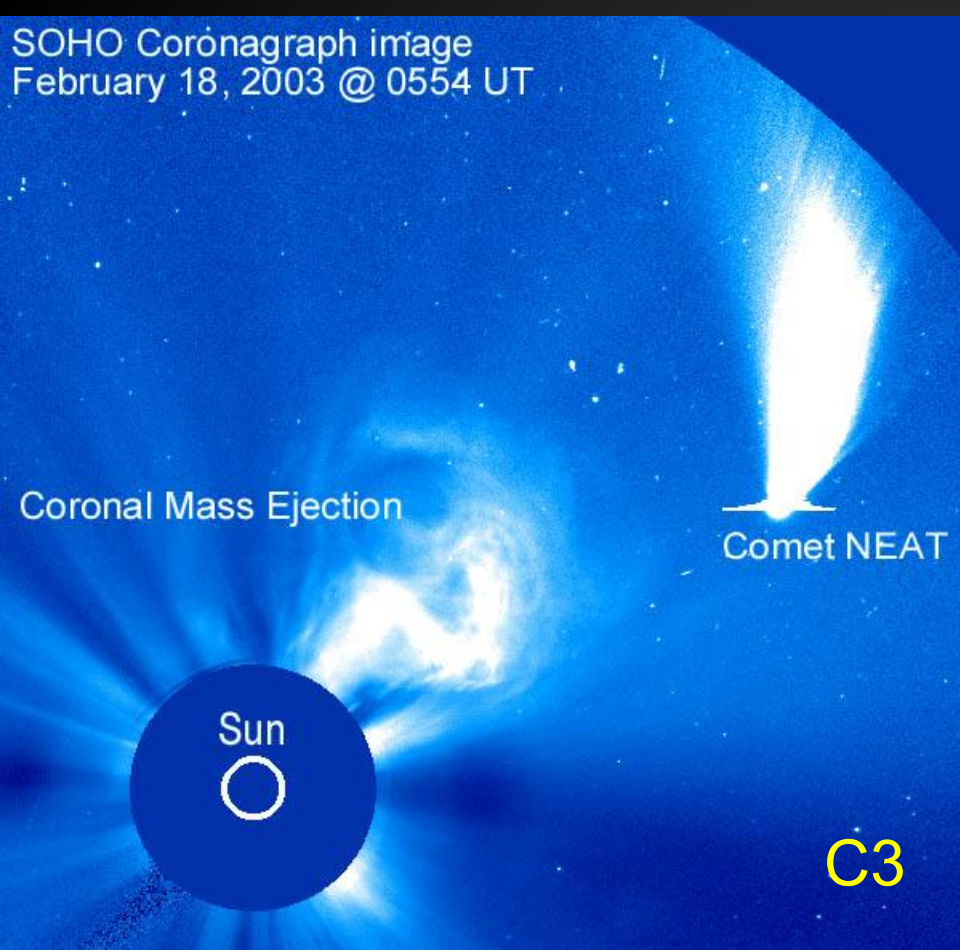
SOHO - Solar and Heliospheric Observatory, the most successful comet detector ever(!) To date: 1877. Staring at the Sun from L1.

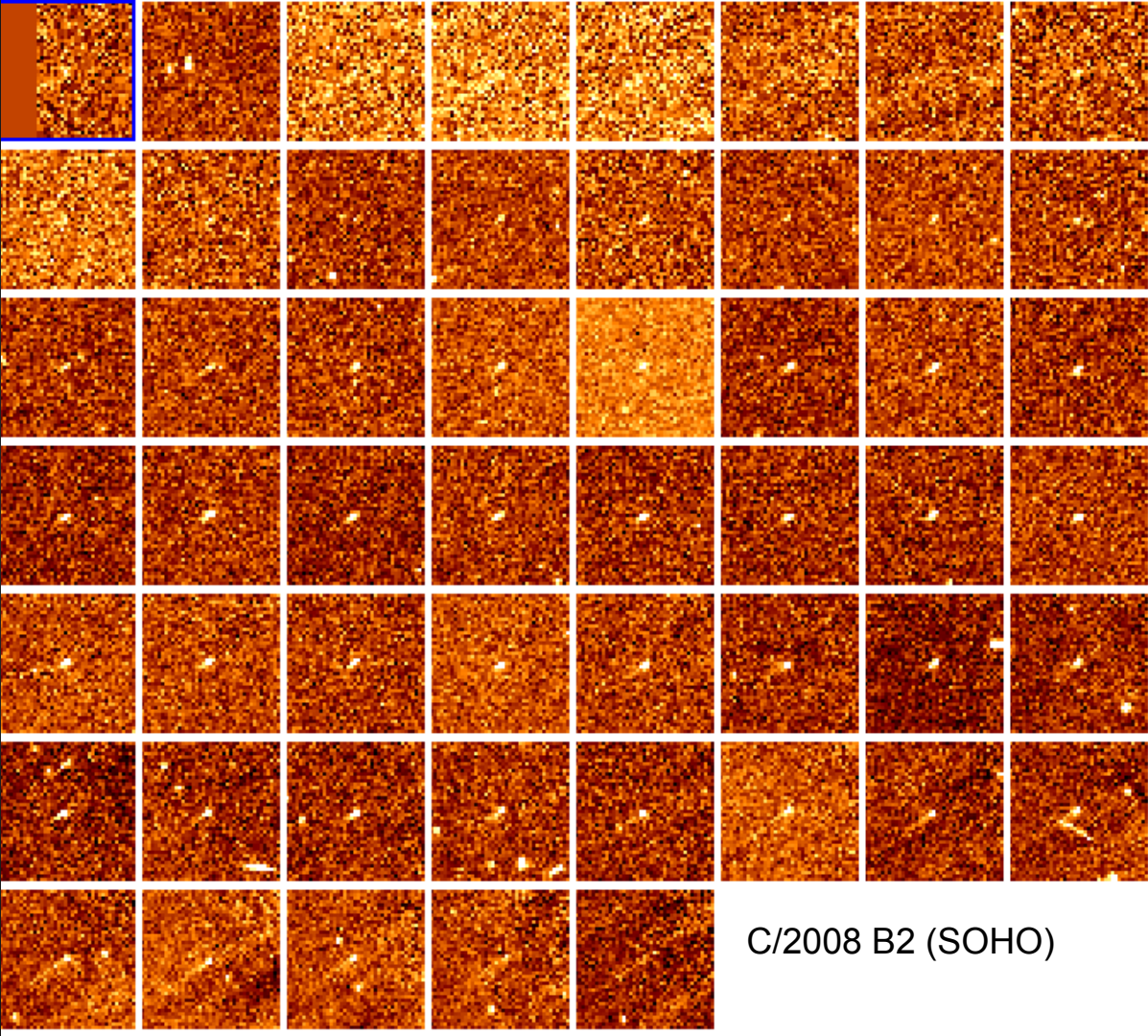
LASCO - Large Angle Spectrometric Coronagraph, two relevant imagers:

- C2 : 2 to 6 R_{sun}
- C3 : 4 to 32 R_{sun}



SOHO Coronagraph image
February 18, 2003 @ 0554 UT





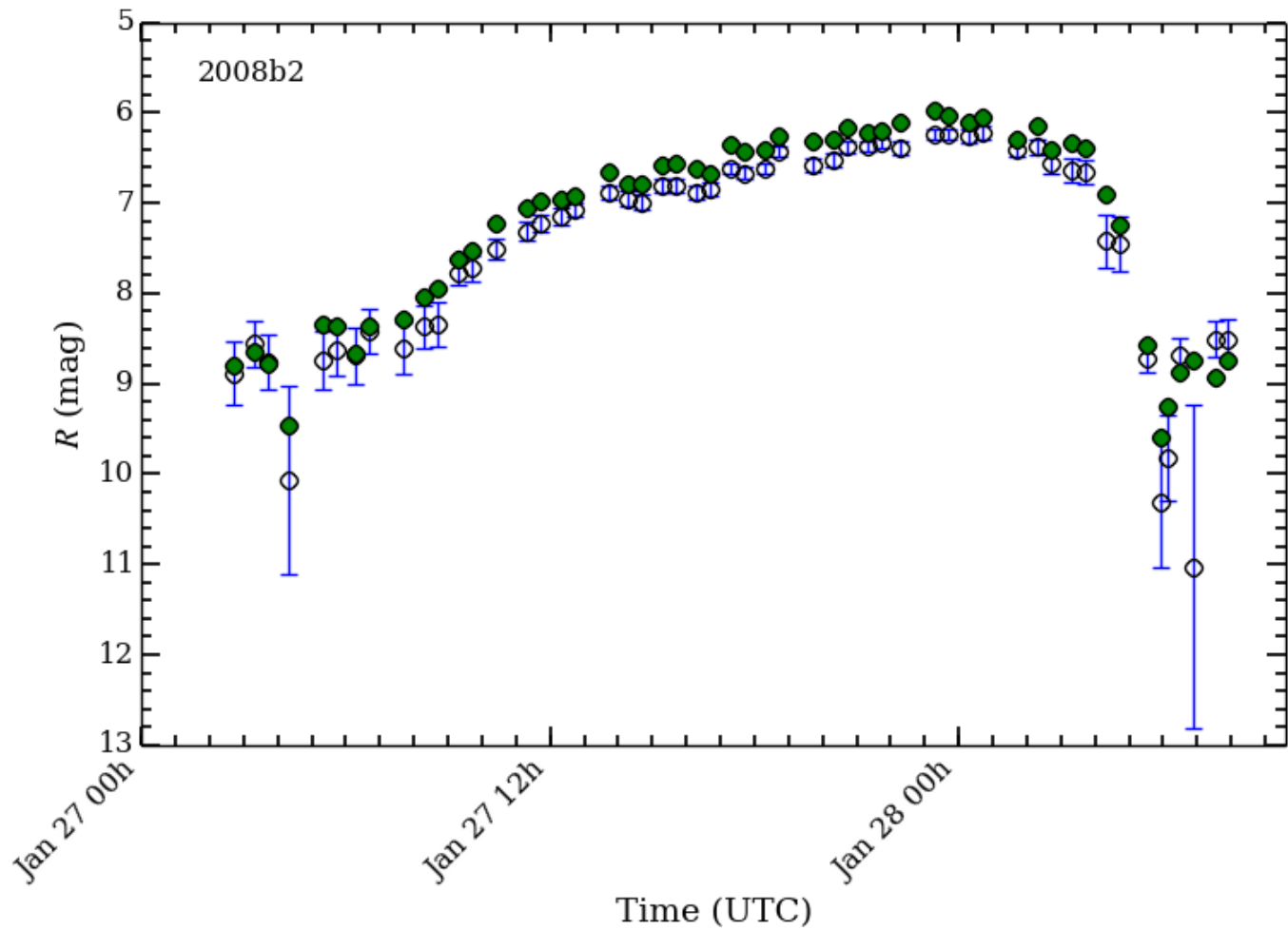
C/2008 B2 (SOHO)

Data sets

One of the images, the other of photometry.

PDS labels seem to be in order (including units, orientation, pixel scale).

Photometry agrees with my own, but not always.



Liens

- Level 5: My own photometry usually agrees, but not always. Need to track this down.
- Level 4: dataset.cat, Line 43: "The images in this data set were calibrated in the same manner as Knight (2008) [KNIGHT2008], so the user is directed to that data set for details."
 - Is this statement appropriate for a version bump? Technically, doesn't this data set supersede the prior? I recommend adding those calibration details.
- Levels 4 and 5: I have a set of minor liens requesting clarification and other edits, too trivial to show here.

Liens: introdoc.pdf

- The first section is more detailed than the dataset.cat file and should be incorporated there.
 - It could be reduced by a paragraph without any loss of relevance. E. g., if the data set doesn't use the Fabry-Perot, then remove it from the description.
- There are no FITS files in the photometry data set, but the data intro refers to reading FITS files.