LR01c

Pointing: 290.8899, 0.4346, 24.244

Beginning of the observation mode :
      chain 1 2007/05/16 at 6 h UT
      chain 2 2007/05/16 at 6 h 01 mn 36 sec UT

Oversampled target initial list :
      chain 1 2007/05/21 at 11 h 14 mn 51 sec UT
      chain 2 2007/05/21 at 11 h 14 mn 51 sec UT

First rotation of solar panel 2007/05/23 at 12h
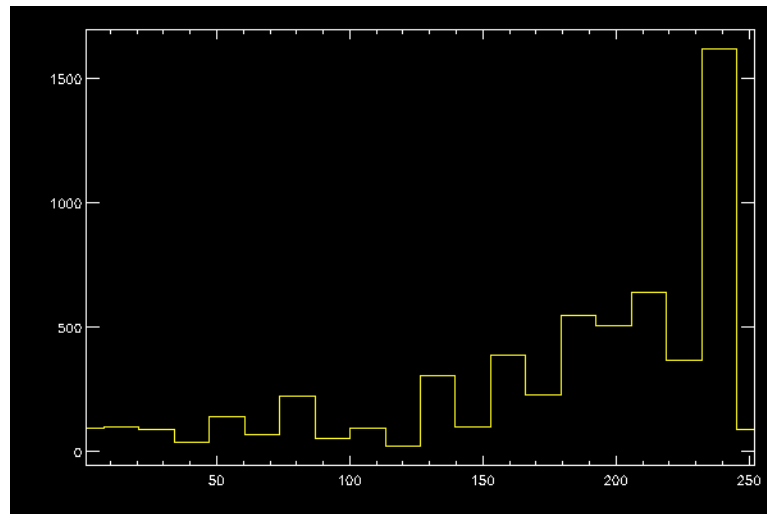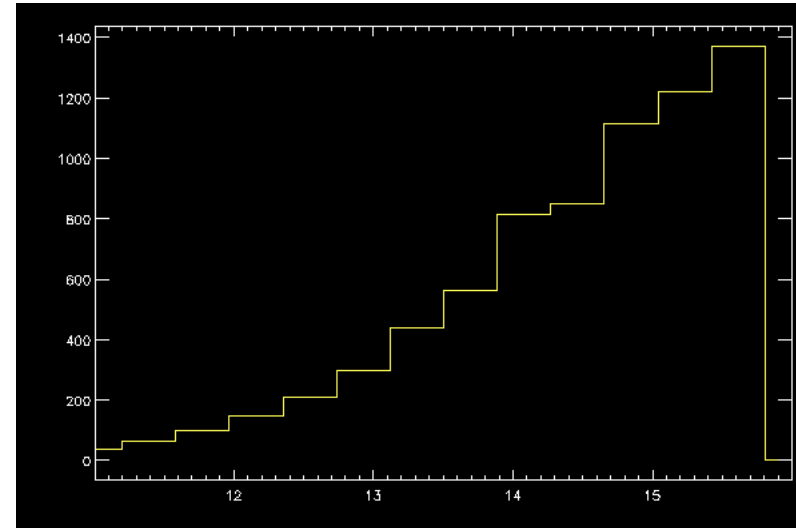
End of the observation mode:
      2007/10/15

R Magnitude histogram (exobasket)

CCD E1 7240 stars in the exobasket
5820 selected (targets)

Histogram of mask_id

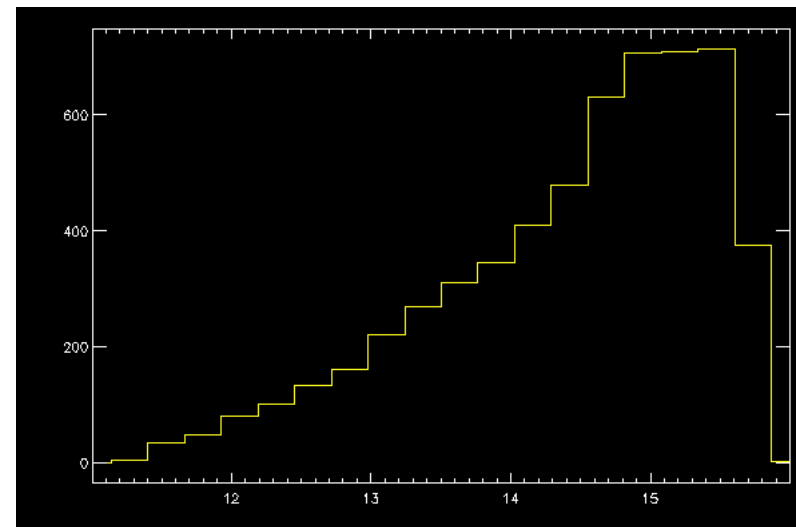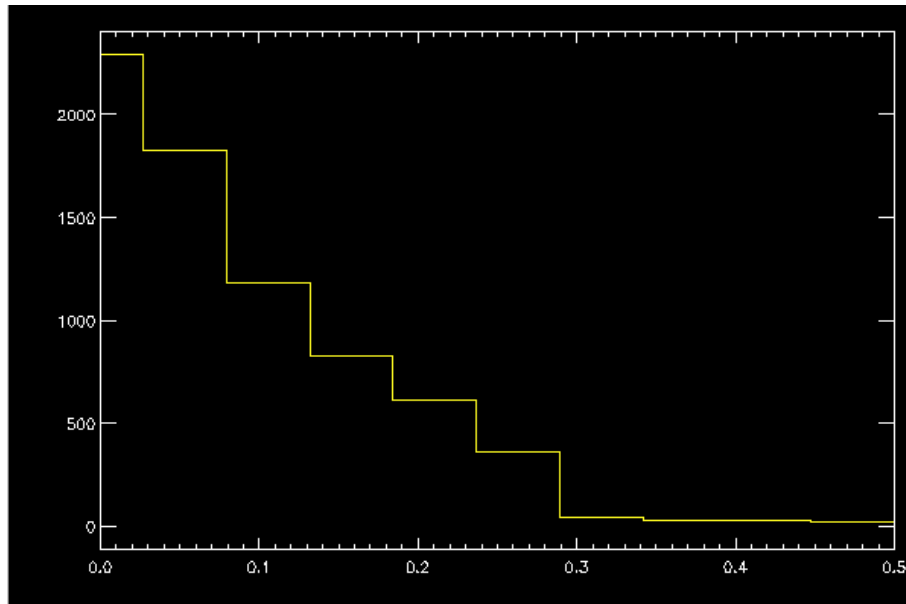

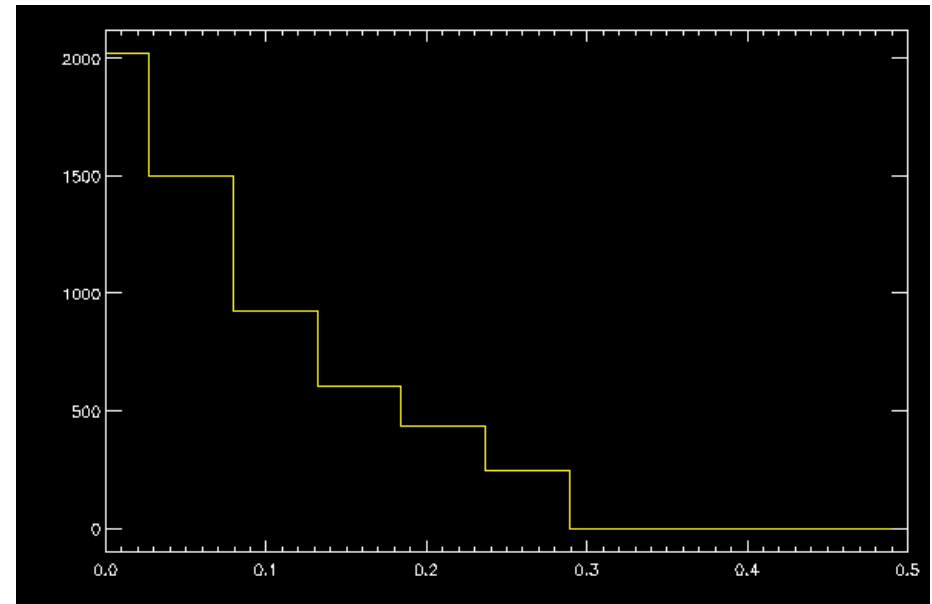Templates number

R mag histogram of selected targets

LR01c: Exoplanet

Contamination level in the exobasket
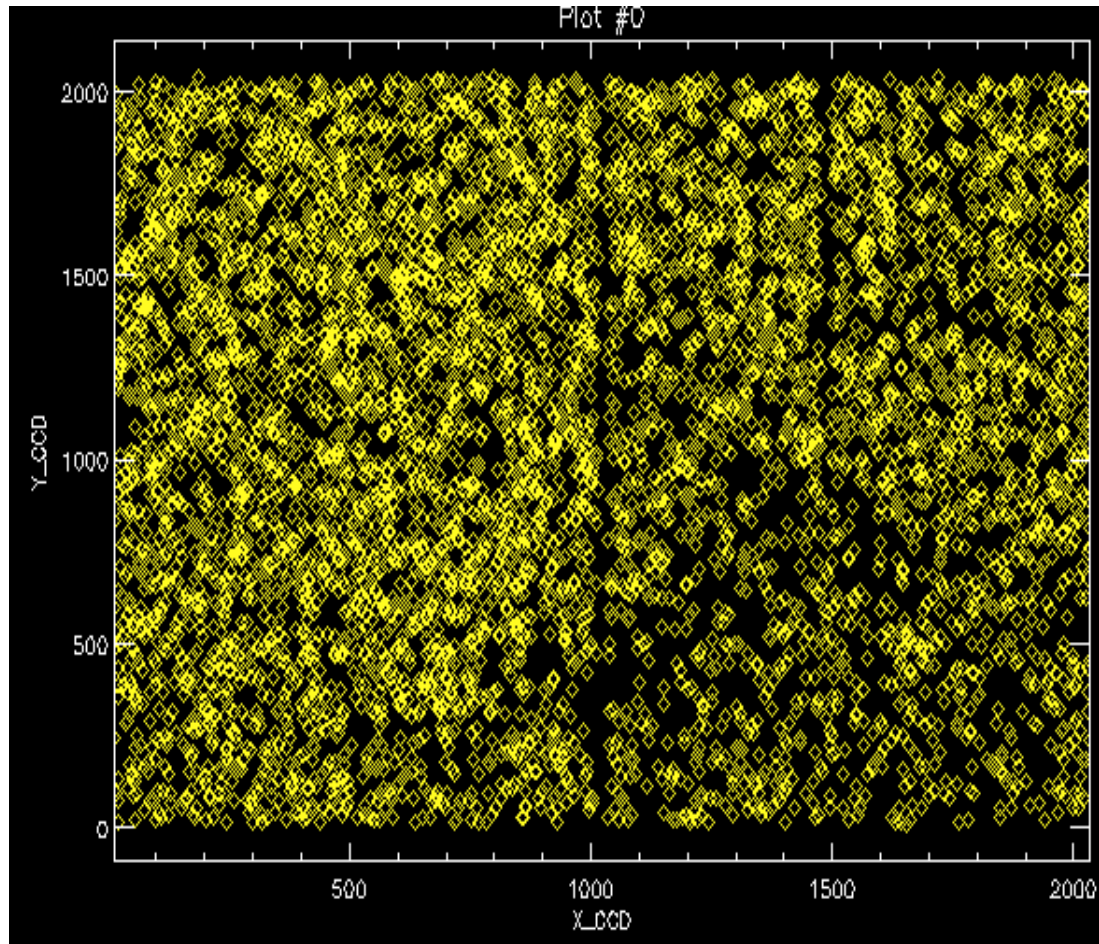
Contamination level of target stars

Contamination level

167 stars in the exobasket with contamination level greater than 0.3
They are all excluded by the template attribution processing. Wille be modified for LRa02
The targets distribution is close to the stars distribution in the exobasket
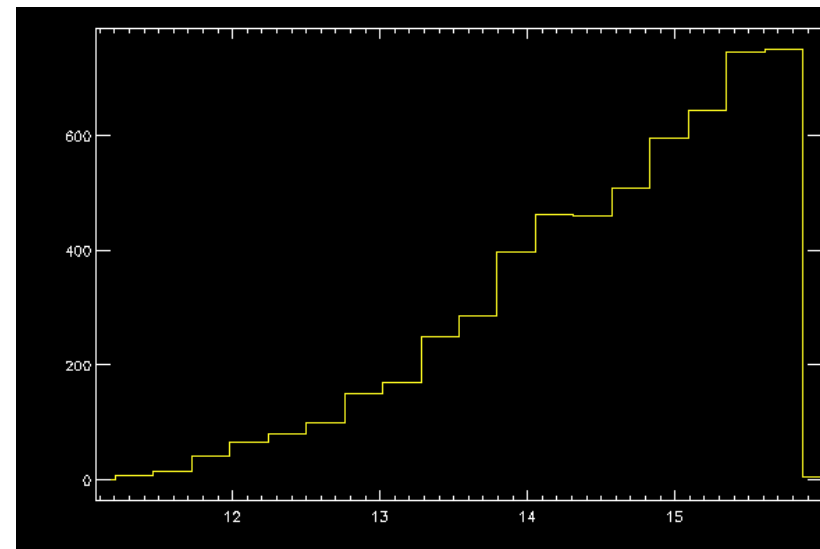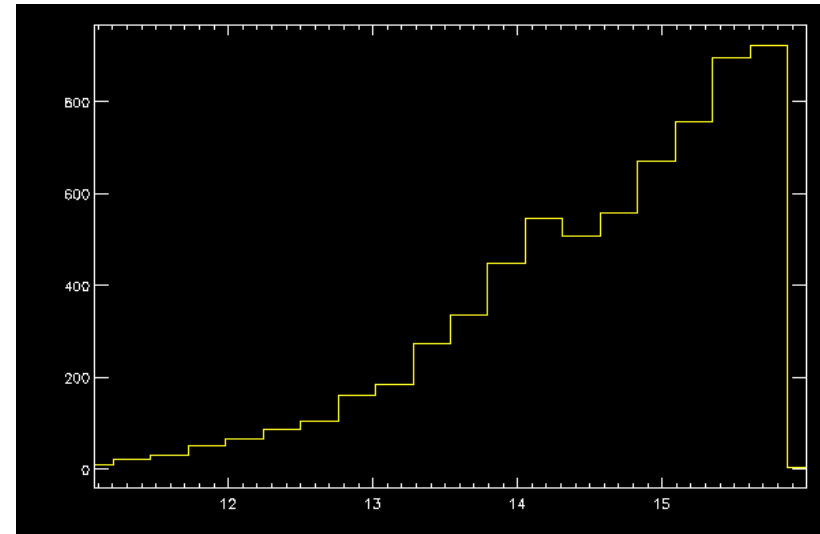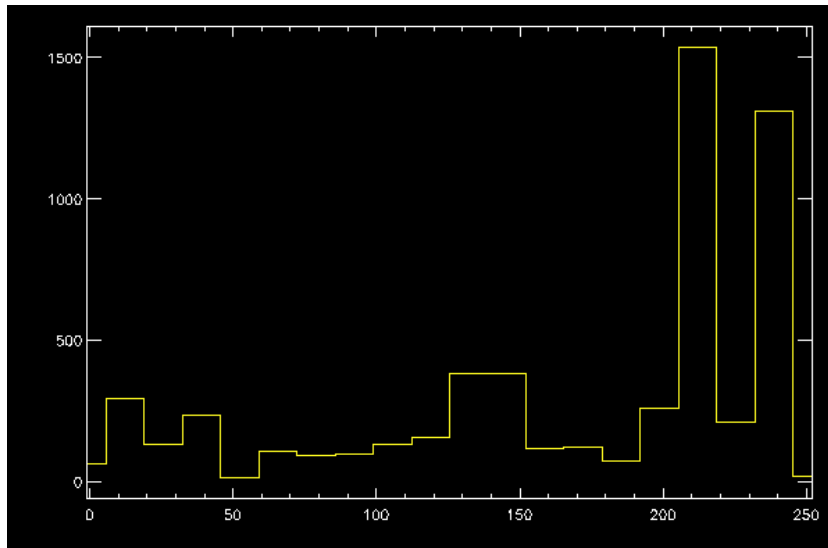
LR01c: Exoplanet

Targets distribution on CCD E1
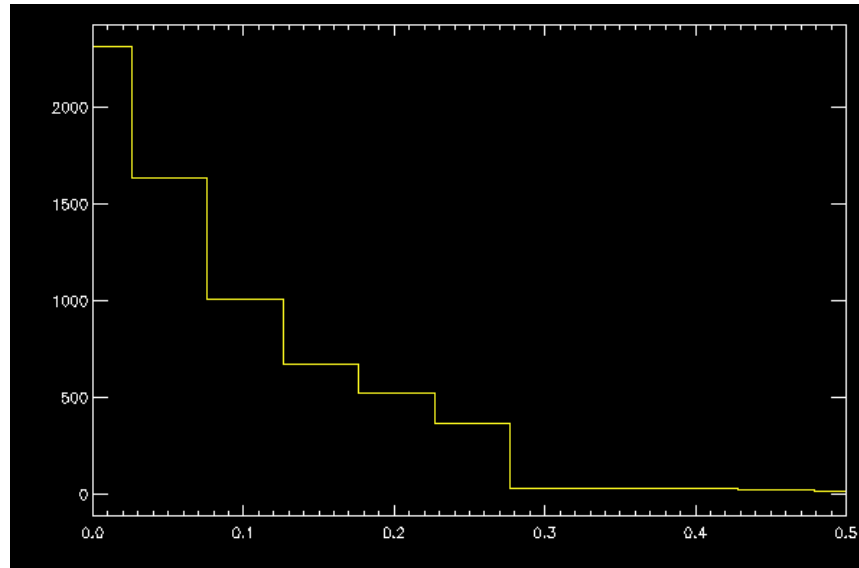
R Magnitude histogram

CCD E2 6639 stars in the exobasket
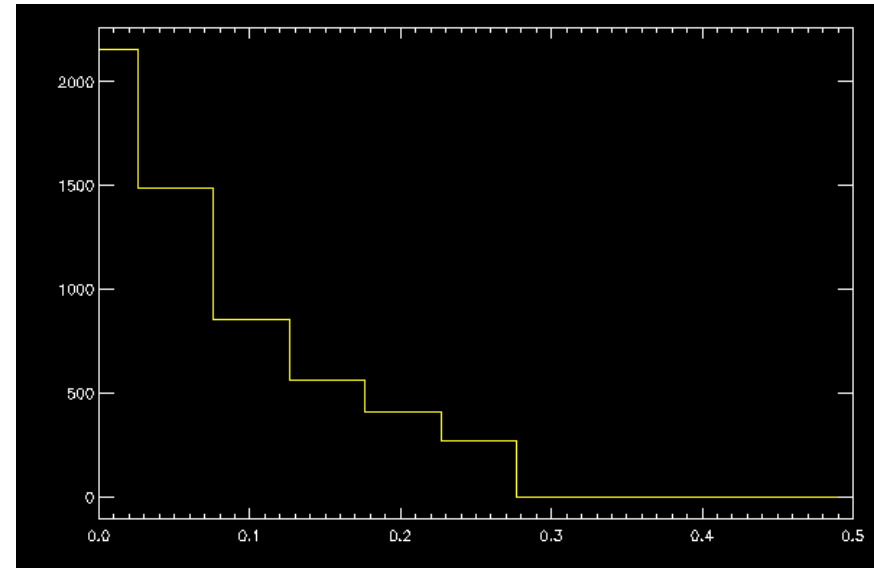5820 selected (targets)

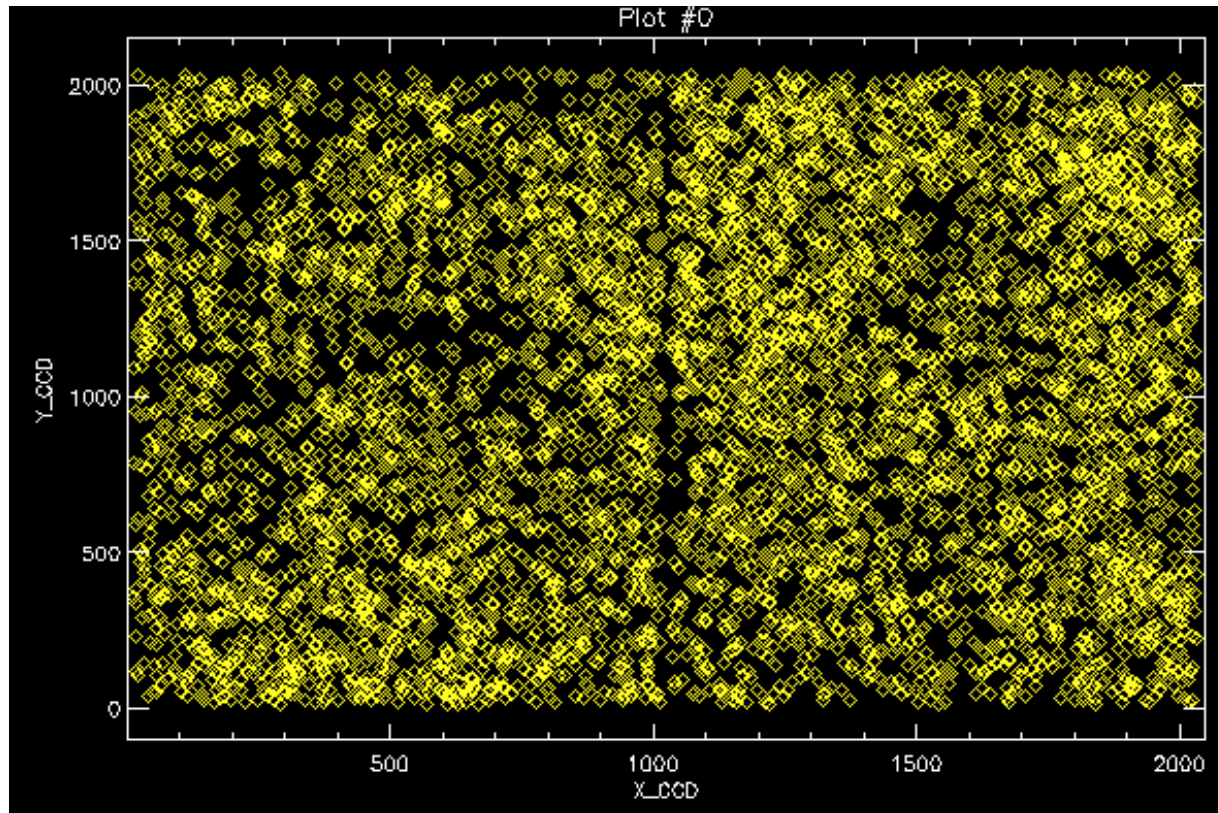# LR01c: Exoplanet

Contamination level in the exobasket

Contamination level of targets stars

154 stars with contamination level > 0.3 in the exobasket.

LR01c: Exoplanet

Targets distribution on CCD E2

Conclusions:

The selection process don't modified significantly the statistical properties
of the initial sample unless for faint stars which can't be all selected.

The contamination sorting will be removed for the following run.

AP stars are processed in the same way than all others stars as they are not
flagged (generally they have a high priority level)

It is often difficult to know why a star have not been selected.

CCD A1

```
0       : 8652 : HD 181420 :   6.57
1       : 8774 : HD 181907 :   5.83
2       : 8872 : HD 182198 :   7.94
3       : 8557 : HD 181231 :   8.691
4       : 8641 : HD 181440 :   5.49
```

CCD A2

```
0       : 8669 : HD 181555 :   7.52
1       : 8393 : HD 180642 :   8.27
2       : 8777 : HD 181906 :   7.65
3       : 8527 : HD 181072 :   9.14
4       : 8481 : HD 180973 :   6.738
```