New runs released

[*HN by Riccardo*] a new set of data has been released: run 46,47,48,49,50,51,52,53

- RUN **46 - 49** → HV off – only noise
- RUN **50 - 53** → standard-setting on gain and threshold

CHECKs to evaluate the level of goodness

1) peak height in time distribution
2) percentage of hits in time window
3) signal level [Hz]
4) noise level [Hz]
5) saturation peak over base ratio
6) saturation charge [fC]
7) nof blind strips (NOT USED NOW)
8) mean charge of selected cluster1D
9) mean cl. size of selected cluster1D
10) mean charge of selected cluster2D

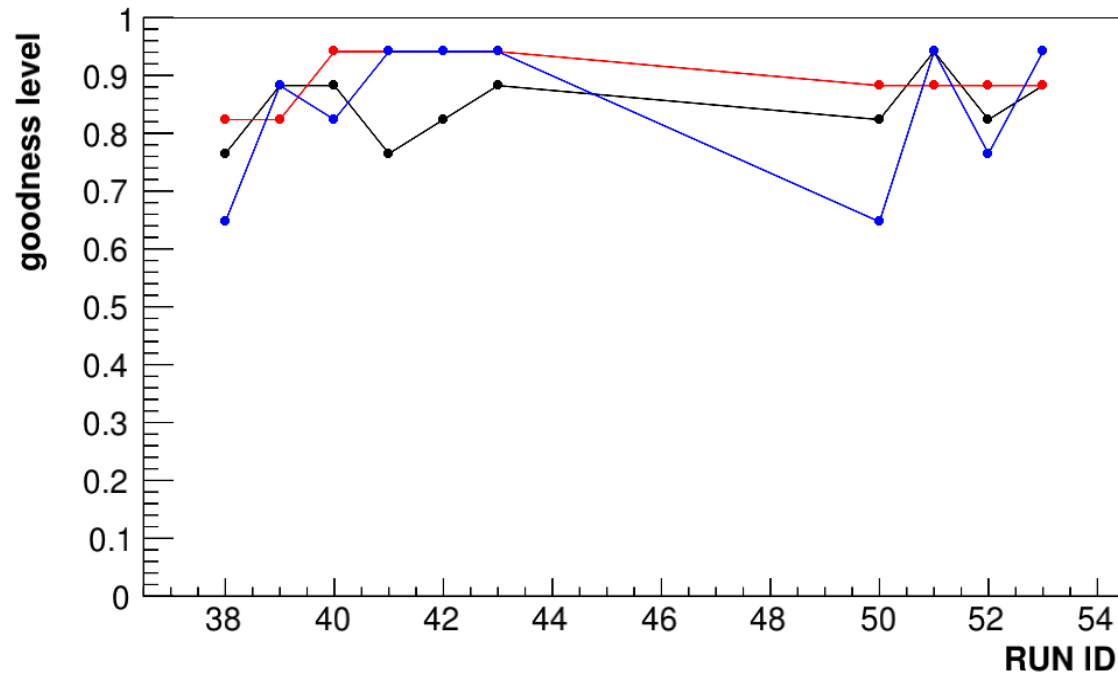For each:
- Layer
- Sheet
- View

For each:
- Layer
- Sheet

17 checks for each sheet now

```
SUMMARY
---- PLANE _L1_S1 has a level of goodness 0.823529 over 17 cheks
---- PLANE _L2_S1 has a level of goodness 0.882353 over 17 cheks
---- PLANE _L2_S2 has a level of goodness 0.647059 over 17 cheks
```

Goodness level = #passed checks/#total

LAYER 1
LAYER 2 – SHEET 1
LAYER 2 – SHEET 2

QA procedure

CLEANROOM DAQ PC → **FERRARA SERVER** ⇄ **BEIJING LXSLC7**

1) Data taking

2) **Copy** to Ferrara server

3) First step of QA with TER-GRAAL

4) Conversion for CgemBoss

5) **Copy** to lxslc7 machines

6) Second step of QA with CgemBoss

7) **Copy** results to Ferrara server

8) Definition of Level of Goodness

We would like to automatize all the points

How to copy data?