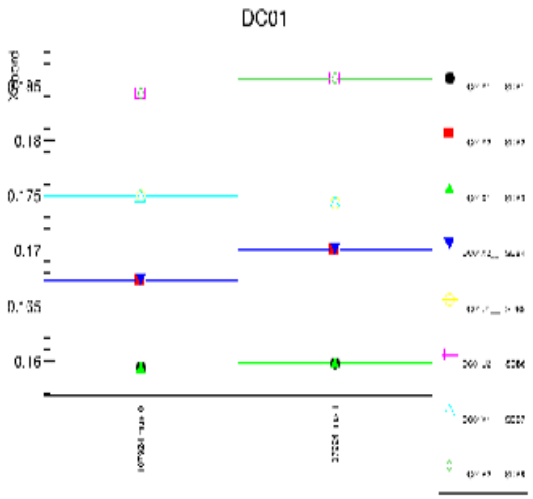
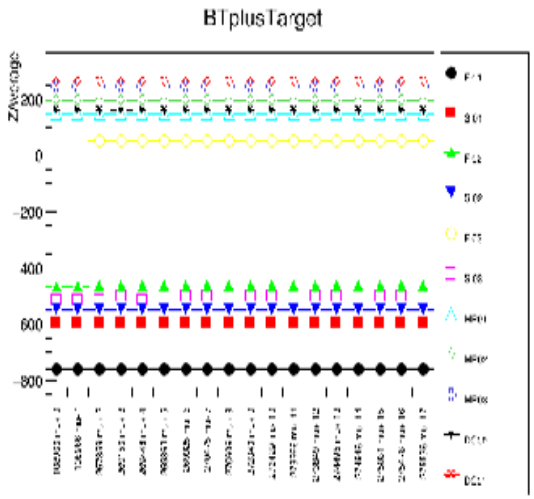
Geometry files comparison tool

REMIND: *a tool which allows to compare the values of the detector planes and their averages (by detector stations) from .dat files run by run.*

FI01	FI15	FI02	SI01	SI02	SI03	FI03	MP01
MP02	MP03	FI04	DC00	DC01	DC04	DC05	ST03
FI05	GM01	GM02	GM03	PS01	GM04	GP02	PA01
GM05	FI55	FI06	PA02	GM06	MA01	MA02	PA03
PA04	PA05	GM07	GM08	GM09	GP03	FI07	ST05
DW01	DW02	DW03	DW04	DW05	DW06	PA06	PA07
GM10	FI08	PB01	PB02	MB01	MB02	PB03	PB04
PB05	PB06						





Geometry files comparison tool

Now it is available in Git repo
https://bitbucket.org/tpu_elementary_particles_lab/alignment_utilits

Requires

- fresh ROOT version (since there was the bug with THStack in ROOT, was fixed recently in Jan)
- Python 2.7 with PyROOT.

After «git clone» the interesting folder is datcompar.
There is README.md file with usage instruction.

Geometry files comparison tool

Alternative way

Instead of direct using of this tool, you can do the request for .dat parameters, in which you are interested in, by writing me alexandr.chumakov@cern.ch

I generate via this tool ROOT macro files and you can see the necessary plot just by call
root -l CORRESPONDING_ROOT_MACRO.C
I put all generated files in public folder for vy computing group:
/afs/cern.ch/user/a/achumako/public/na58alignment/comparison