Status of the MB3 production and checks*

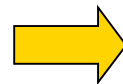## Summary (8/12/03)

~36 CHAMBERS completed

110 SuperLayers
(39 phi table 1, 31 phi table 2, 36 theta processed)

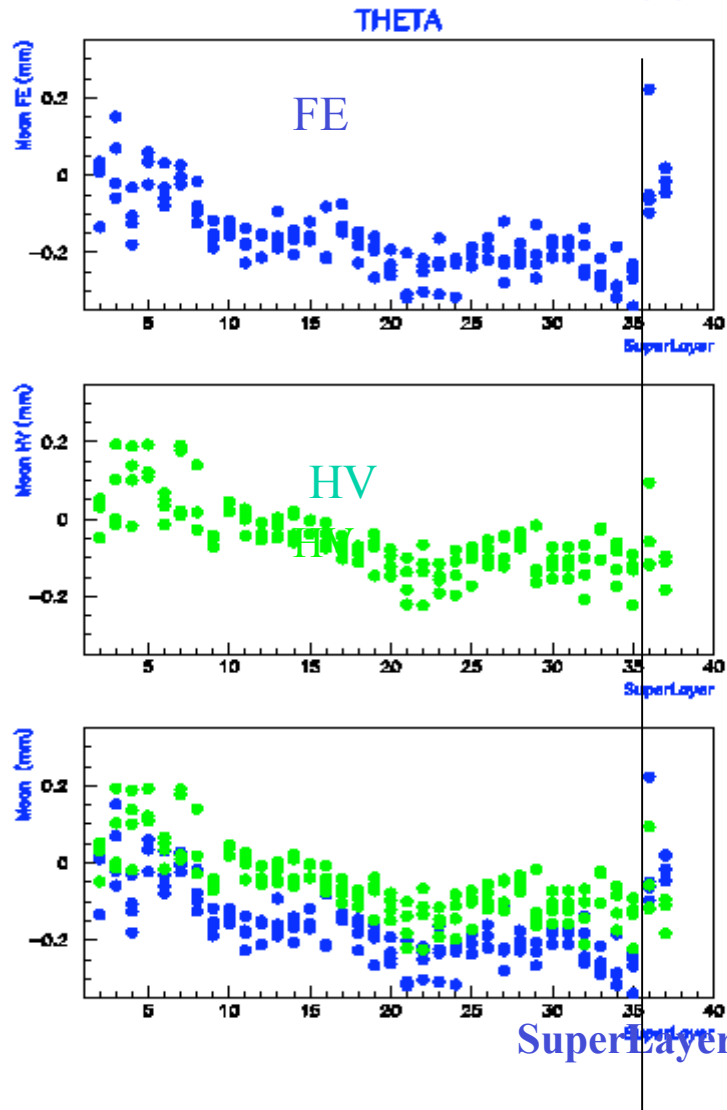~ 430 Layers ⟹ corresponding to the same number of directories

all the files described so far…..
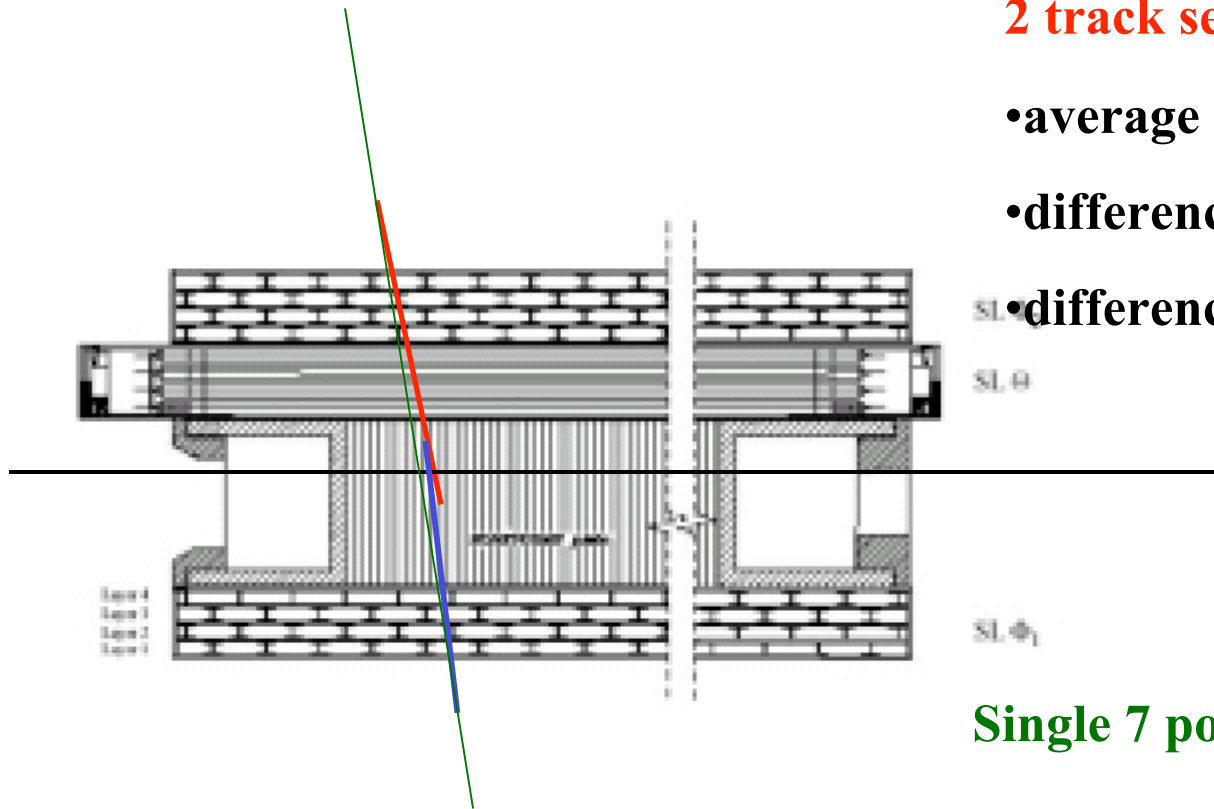
*P.C.,U. GAsparini, M. Passaseo, E. Torassa……

Top (summary)

Analysis Summary (wire position)
entries=Layers

new reference
Positioning

Cosmic-Table Analysis*

2 track segments from φ SL:

• average residual per layer

• difference of intercepts at middle pl.
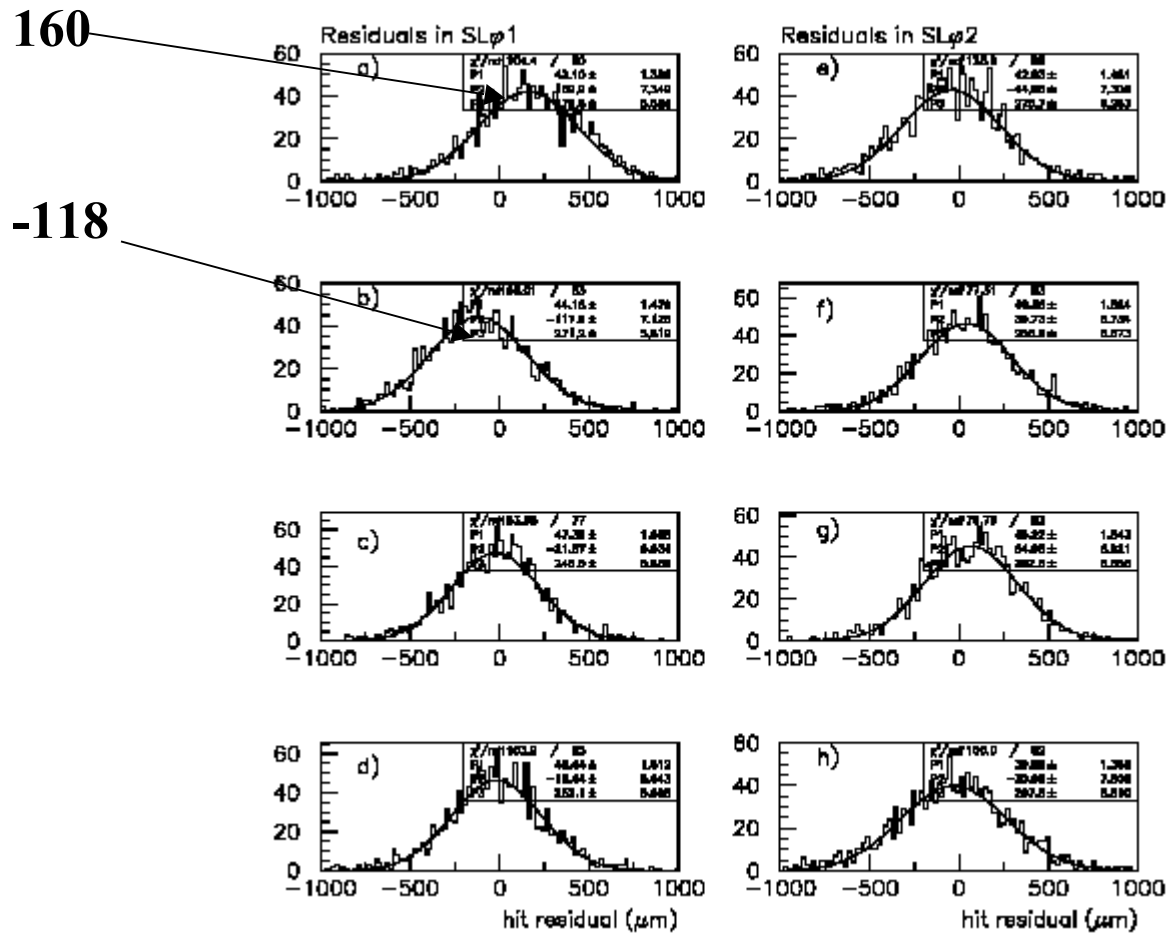
• difference of slopes at middle pl.

Single 7 point track to all but-one layer:

• average residual of the excluded layer

• table measurement comparison

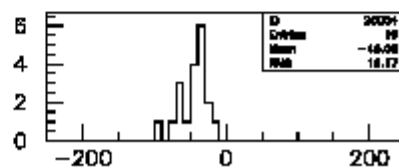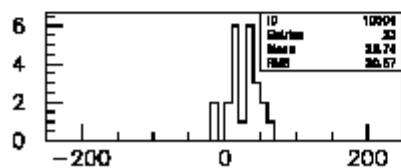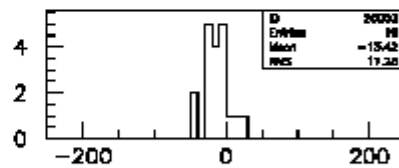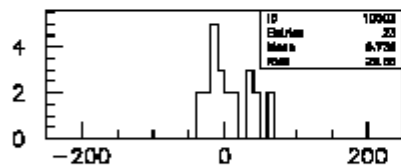* CMS note in peparation on alignment
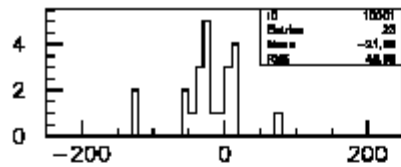
Cosmic-Table Analysis

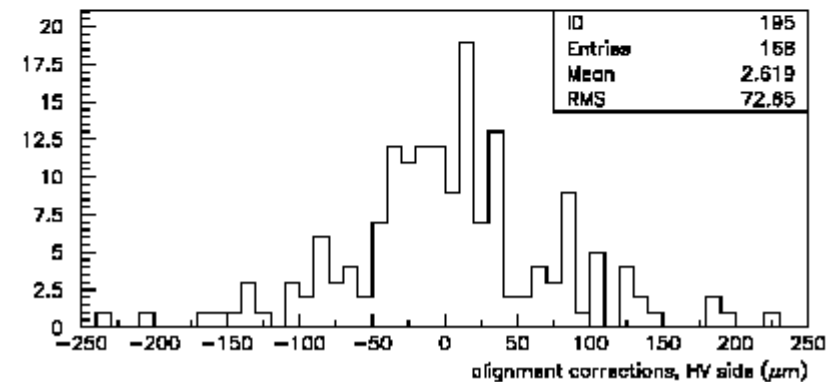**average residual of the excluded layer: i.e.**

160

-118

Cosmic-Table Analysis
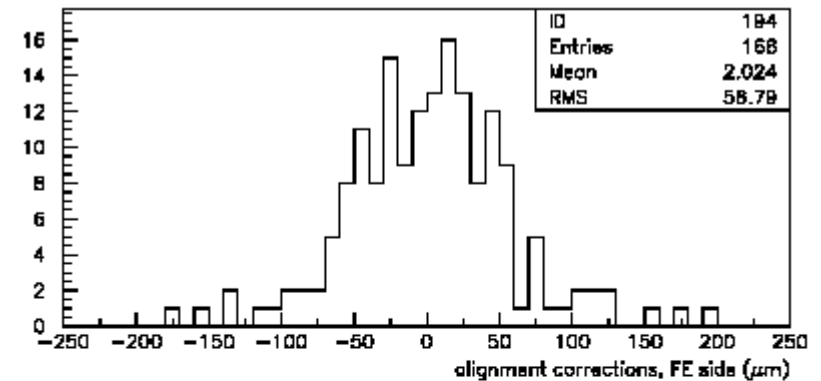
table measurement: take the average deviation w.r.t. the 4 SL Layers

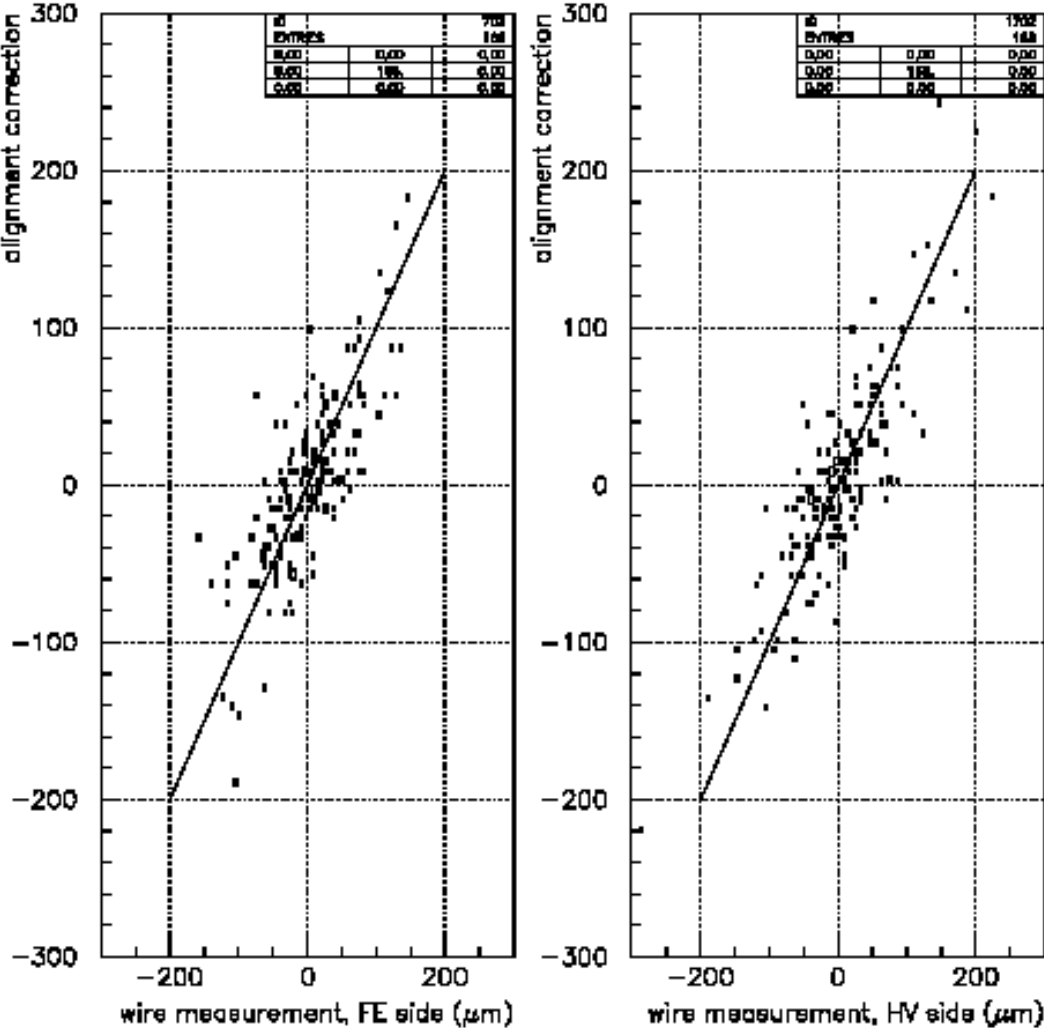(but in addition subtract the mean deviation of ALL the Ln)
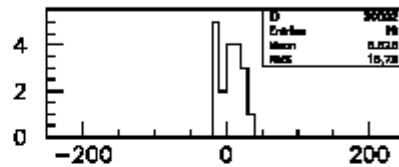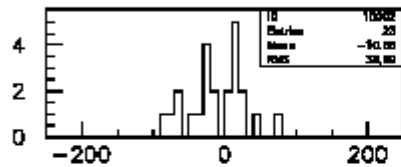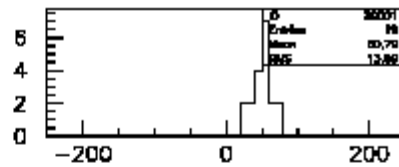
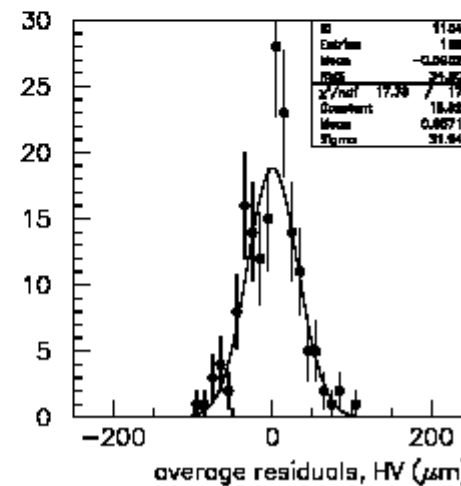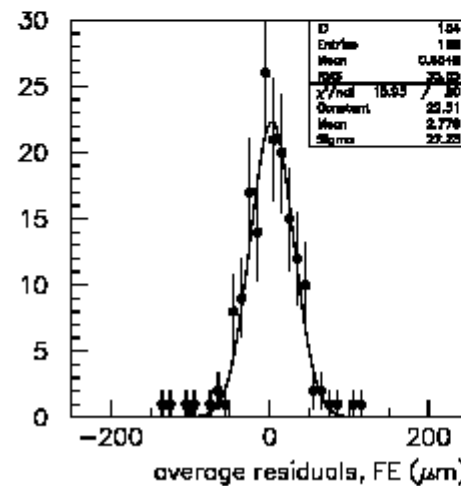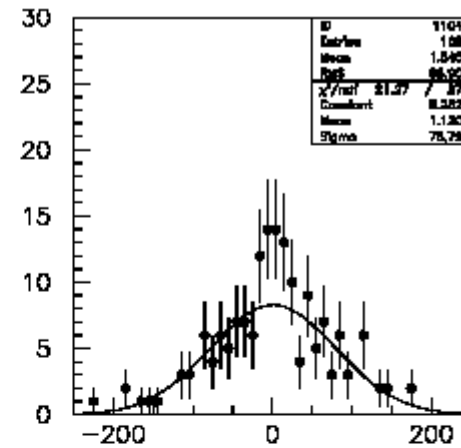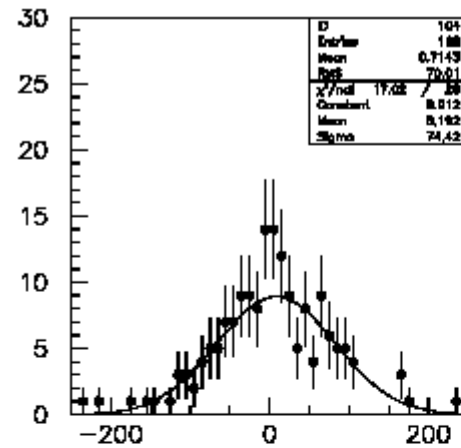# correlation means the measurements make sense!!!

Cosmic-Table Analysis

Cosmic-Table Analysis

Intercept difference

Slope difference

over.intercept difference, FE (μm)

over.intercept difference, HV (μm)

over.slope difference, FE (mrad)

over.slope difference, HV (mrad)