MilleFieldOff for CDC

- Now, MilleFieldOff works and “pede” program runs with its output files.

- Quality cuts for track selection in MilleFieldOff have been tighten so that pede runs without errors.

- Still, analysis stops at ~500k events. (-PEVENT_TO_KEEP)

- MilleFieldOff has nothing to do with this behavior.

- The behavior does not change even if you remove all the options/plugins.

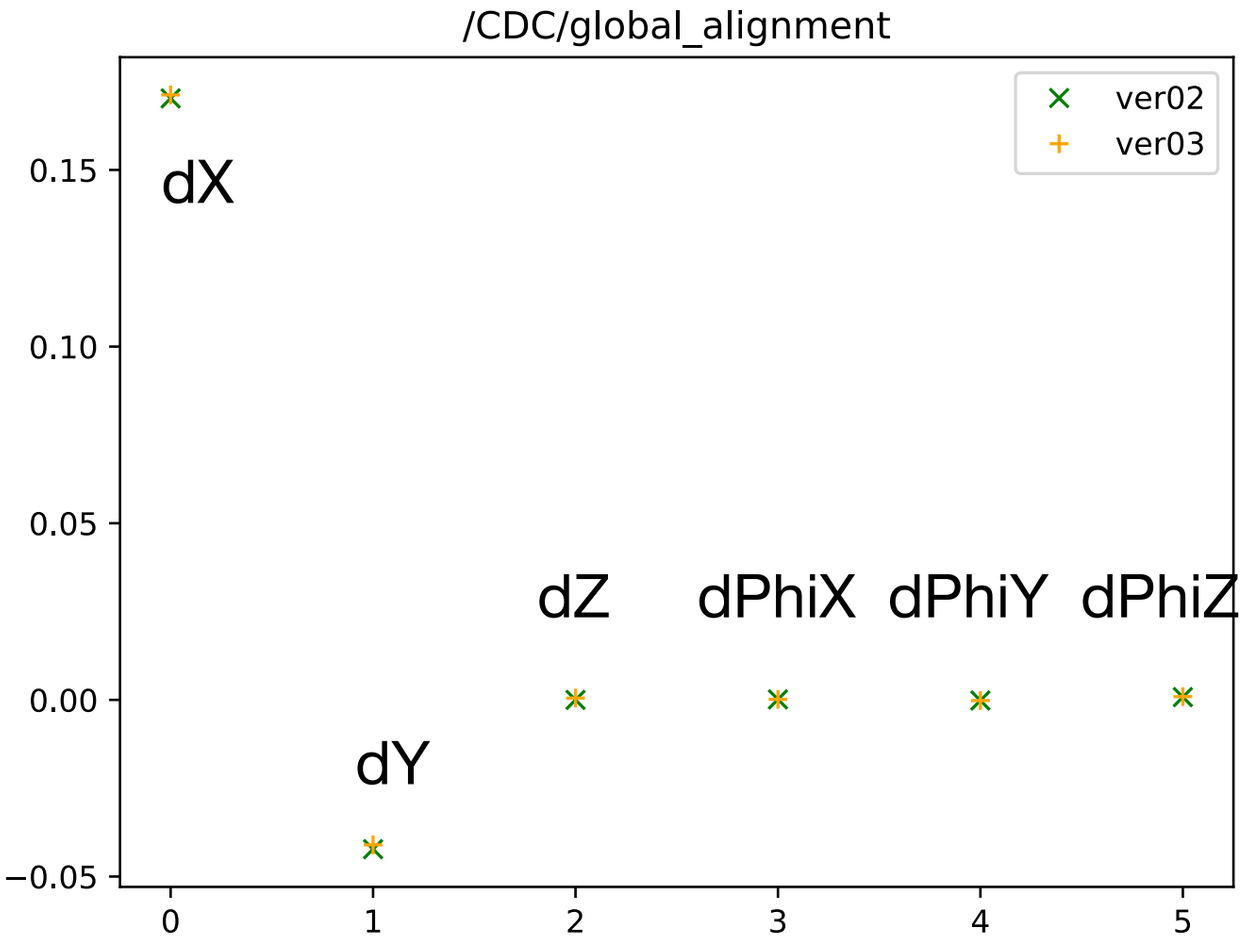
```
E = 0.054073                (508.0k events read)  488.0Hz  (avg.: 362.3Hz)
E = 0.054402                (513.2k events read)  690.0Hz  (avg.: 363.7Hz)
E = 0.094224                (520.5k events read)  512.0Hz  (avg.: 365.6Hz)
E = 0.085082                (522.4k events read)  678.0Hz  (avg.: 366.2Hz)
0 point cluster
E = 0.083272                (526.3k events read)  486.0Hz  (avg.: 367.3Hz)
E = 0.069941                (527.9k events read)  464.0Hz  (avg.: 367.6Hz)
E = 0.054761                (528.3k events read)  650.0Hz  (avg.: 367.7Hz)
E = 0.051417                (529.4k events read)  610.0Hz  (avg.: 368.0Hz)
E = 0.085677
  538.4k events processed   (538.4k events read)  0.0Hz  (avg.: 319.0Hz)
```

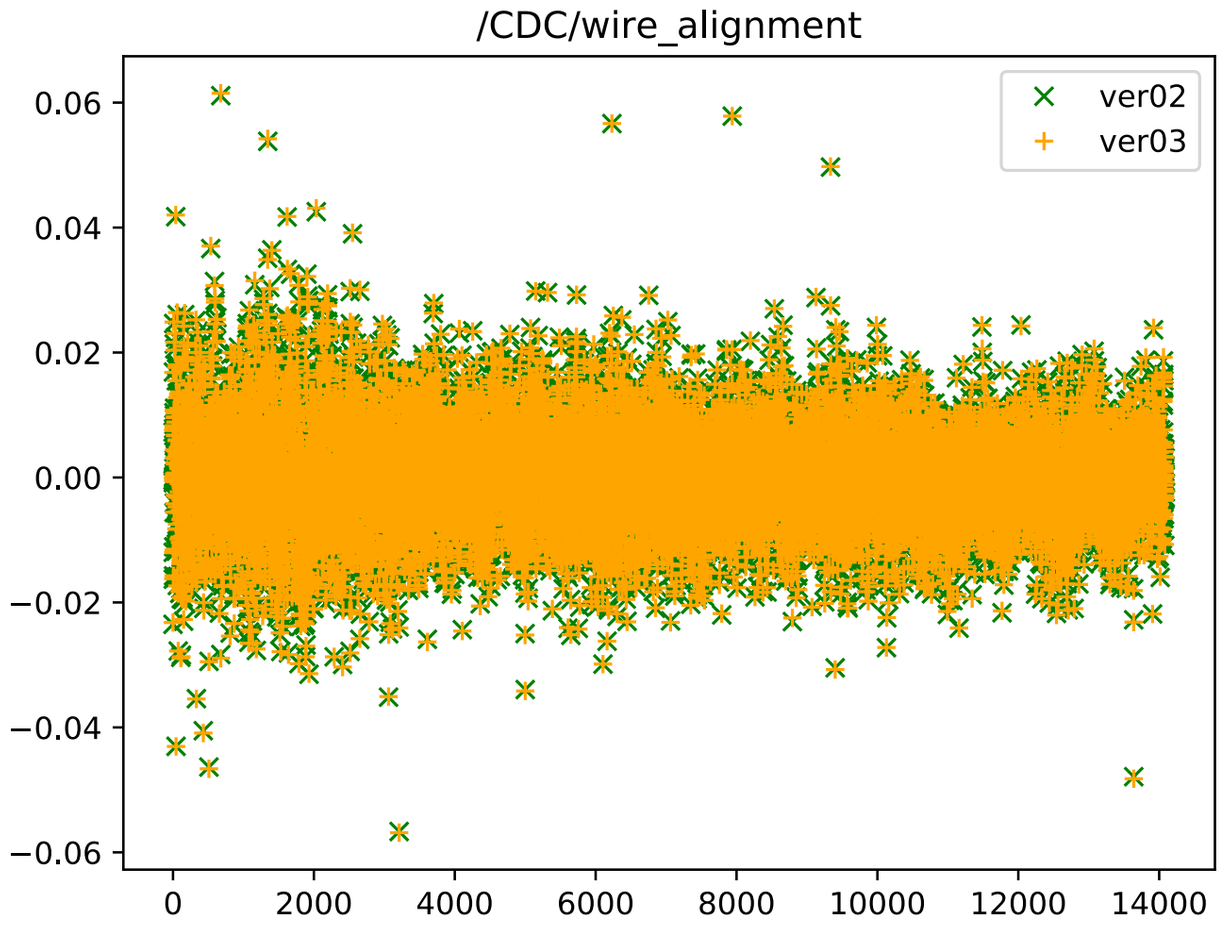
Alignment by Field-OFF data

x Official CCDB value
\+ Millepede

4 parameters for each wire
(determine wire edge positions)

Shifts and rotation parameters





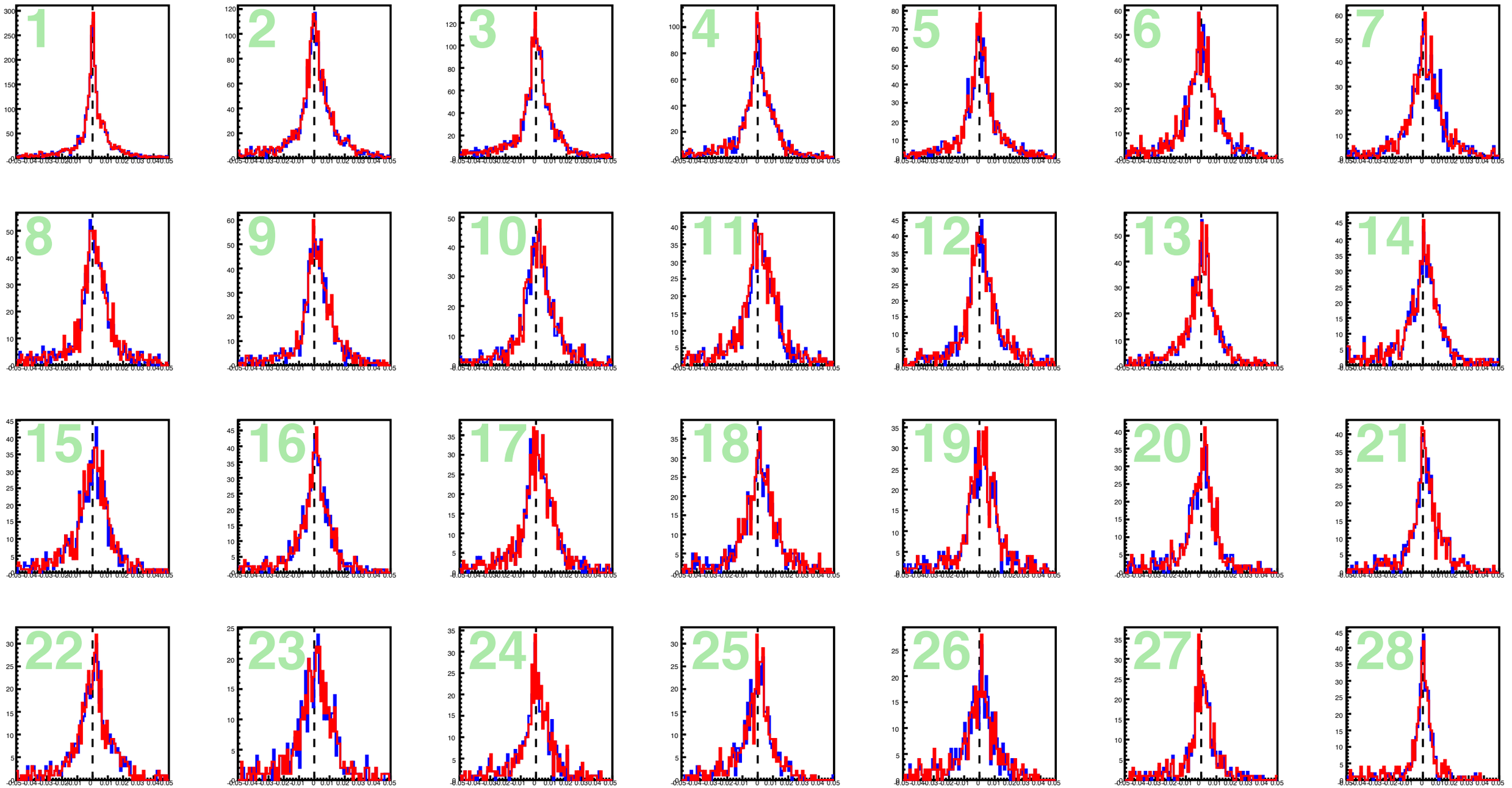
Field-OFF data also indicates the alignment parameters are not changed.

Residual (Run 40129, Field-OFF)

histogram range: [-0.05, 0.05] cm

official CCDB values

Millepede



Question about /CDC/sag_parameters

/CDC/global_alignment (dX, dY, dZ, dPhiX, ..)
/CDC/wire_alignment (determines edge positions of each wire)

These CCDB parameters are aligned by Millepede.

We have another table “/CDC/sag_parameters” in CCDB, which is used in libraries/TRACKING/.

Is this table still active and if so, which plugin should be used to determine obtain this table?