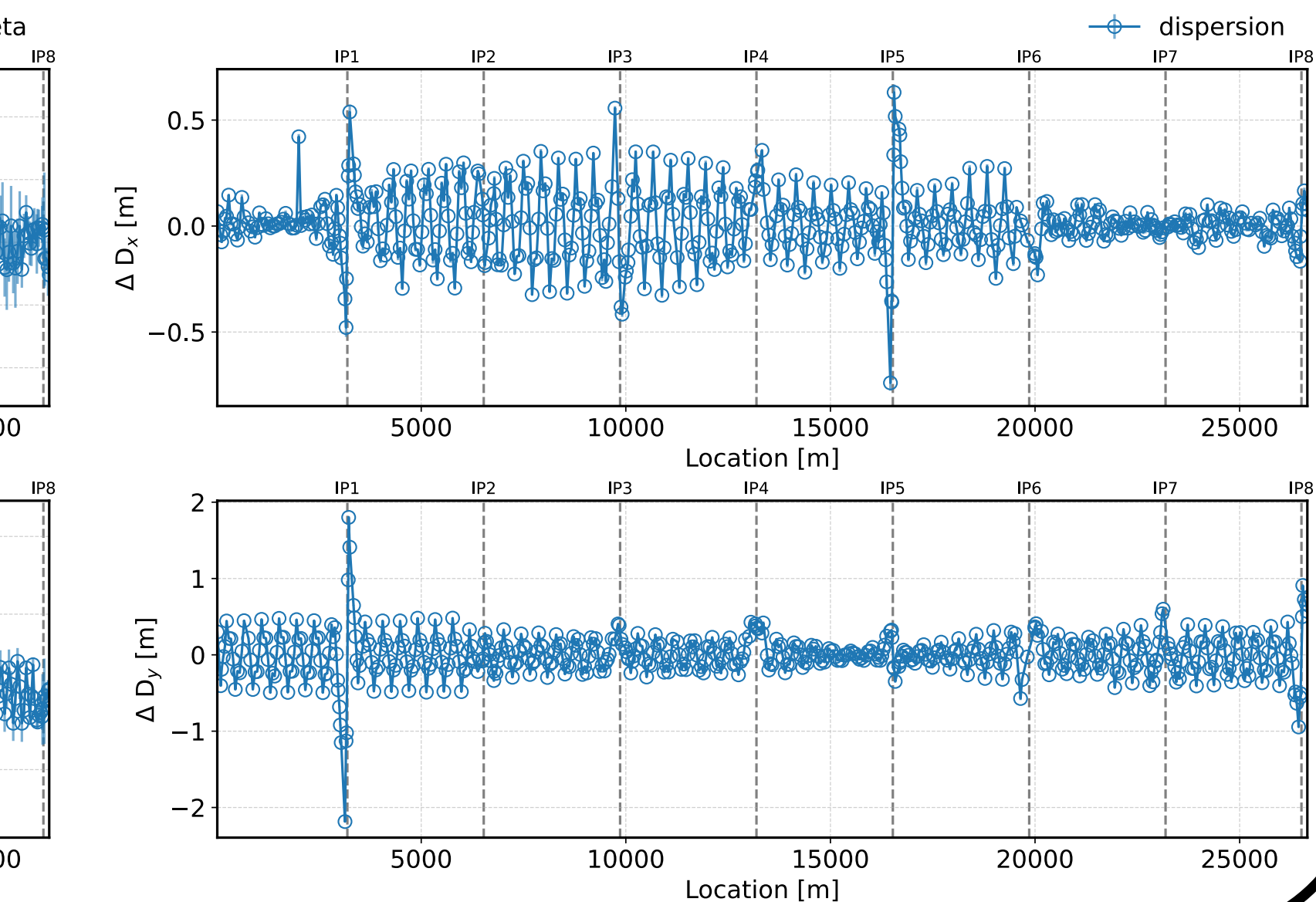
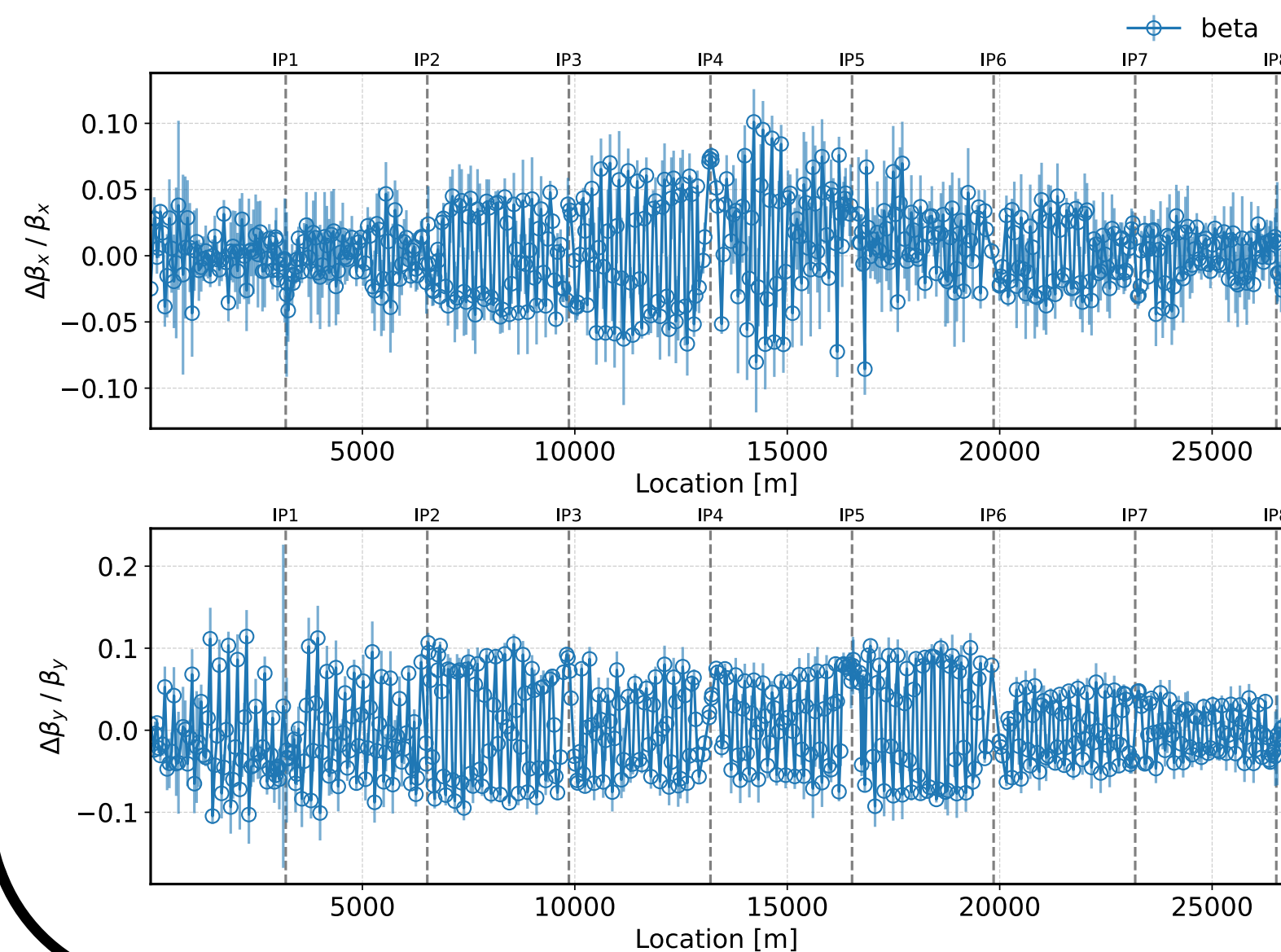


# MD13883 - H/V crossing @ 60/18cm - 19th Oct.

- The MD was planned to start at 8:00am but delayed firstly due a couple of QPS issues in sector 23
- During recovery, new issue in CMS - unmaskable BCM interlock stuck on.
- Finally injected at ~17.30 and arrived at 60/18cm around 19.45 (only 20min of measurements out of 11h MD)
- Beta-beat on/off momentum only for LHCB2 while for LHCB1 only on momentum due ACD issues
- Remarkably good beta-beat for flat optics with no dedicated corrections

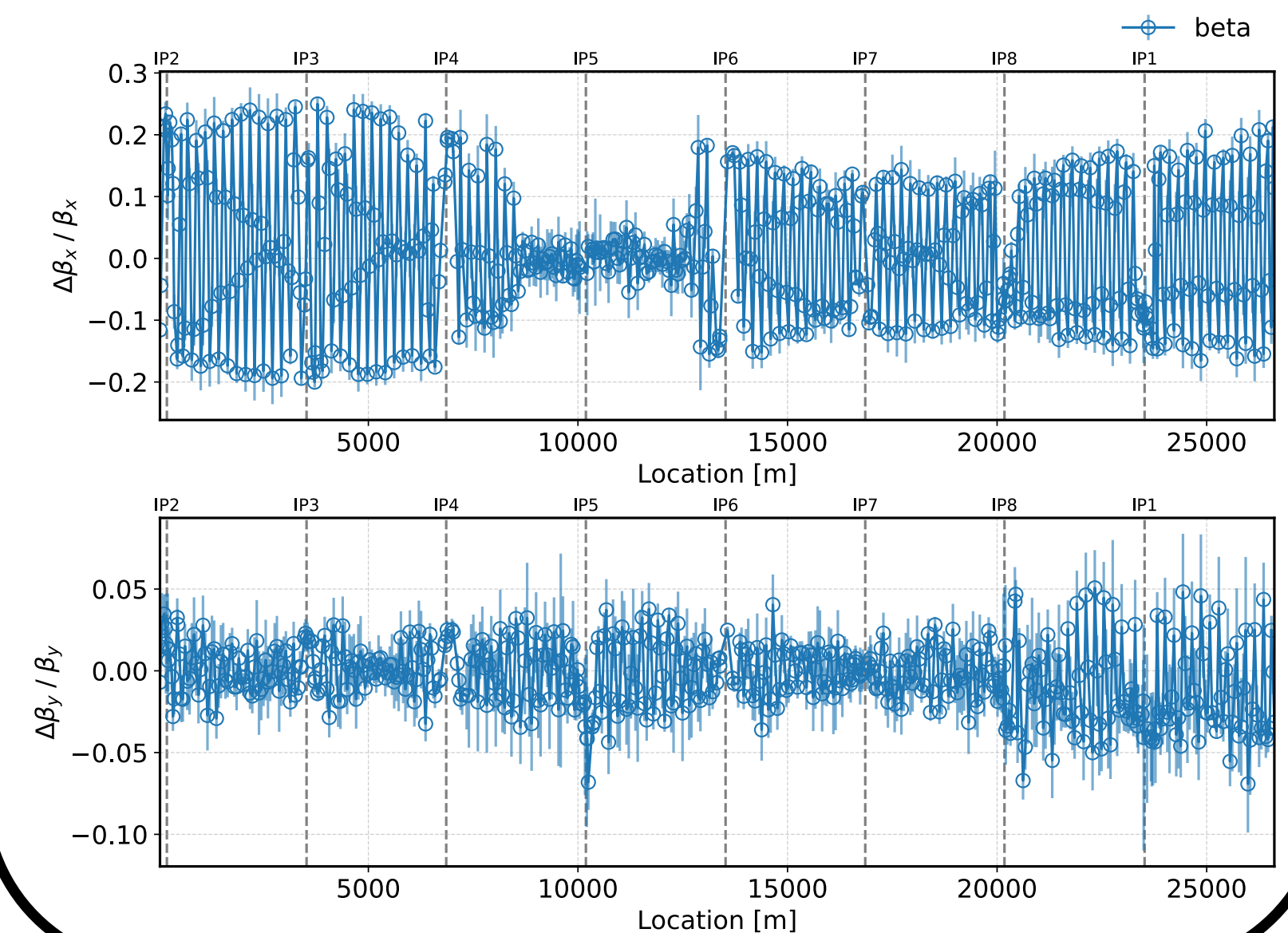
## LHCB2

Max beta beat ~10% at x and ~12% at y



## LHCB1

Max beta beat ~23% at x and ~7% at y



# MD13883 - H/V crossing @ 60/18cm - 19th Oct.

