

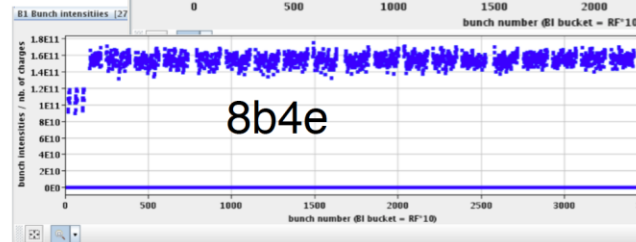
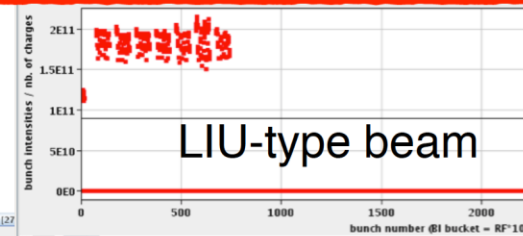
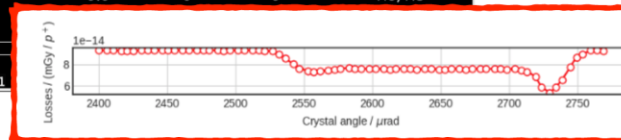
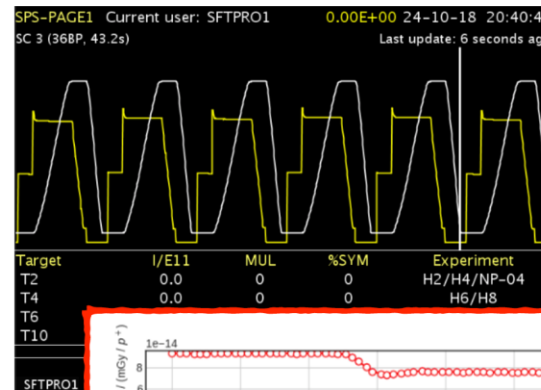
SPS last week

- BDF prototype target, high intensity LIU type to the LHC
- Reference measurements p+ – almost all done

SPS week 43

→ Main highlights:

- ↳ SPS dedicated MD:
 - ▶ SHiP target prototype test - 2.4e16 POT accumulated
 - ▶ Crystal ZS shadowing MD carried out in parallel - ~40% loss reduction confirmed results from first MD
 - ▶ Spill noise correction using QF tested with operational tools => looking very good!
- ↳ Beam delivered to the LHC:
 - ▶ LIU-type beam: 1.85e11 p/b in 4x12 bunches delivered to the LHC
 - ▶ High intensity 8b4e: 1.6e11 p/b 3x48 bunches



SPS this week

Monday: UA9 run, 24 h

Tuesday: LHC MD – no impact on NA, crystal studies

Wednesday: AWAKE destination in LEIR, timing upgrade; extraction issues

Thursday: source re-fill

