

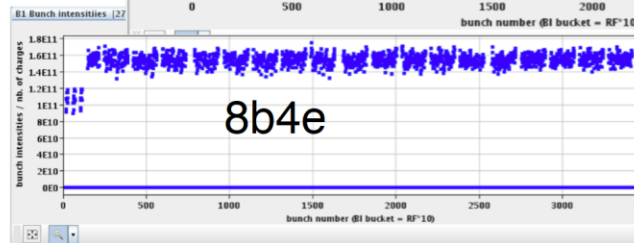
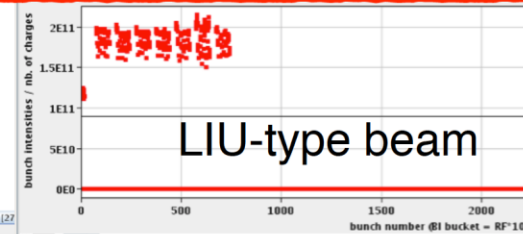
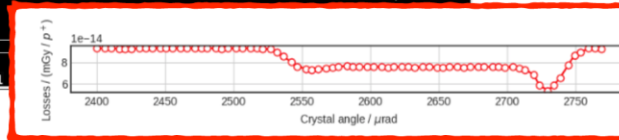
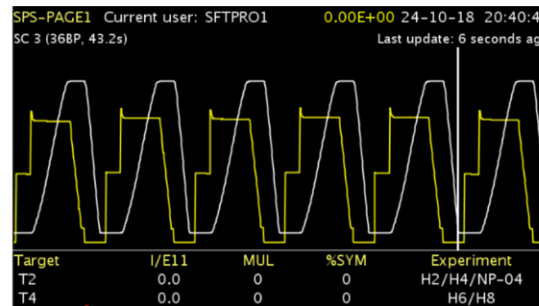
SPS latest news (1)

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

SPS week 43

→ Main highlights:

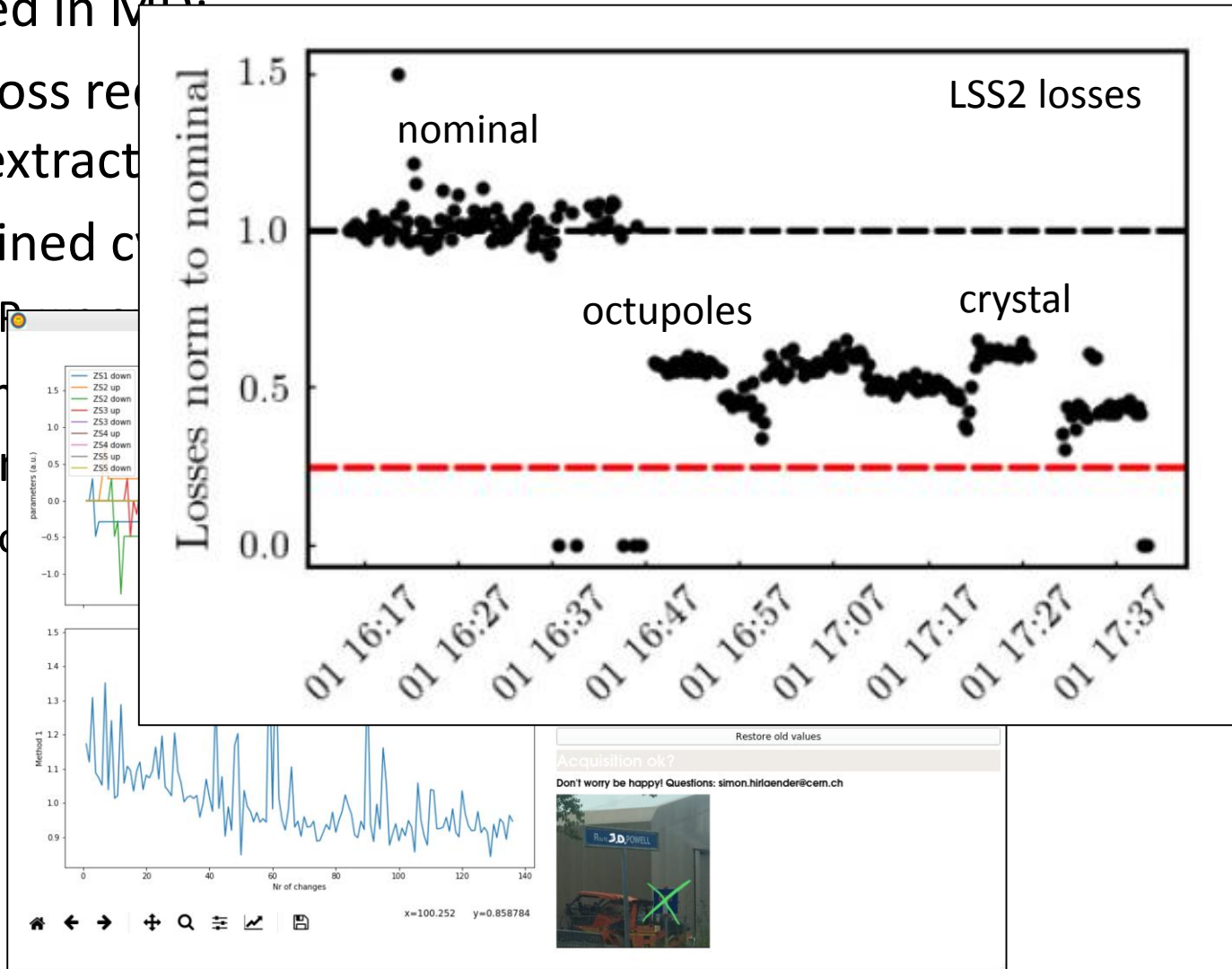
- ↳ SPS dedicated MD:
 - ▶ SHiP target prototype test - 2.4e16 POT accumulated
 - ▶ Crystal ZS shadowing MD carried out in parallel - ~40% loss reduction confirmed results from first MD
 - ▶ Spill noise correction using QF tested with operational tools => looking very good!
- ↳ Beam delivered to the 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 latest news (2)...more from MDs

Confirmed in MD:

- 50 % loss re slow extract
- Combined c
 - SHIP
- Autom from i
 - Befo



Ions...

- LHCProbe (p+) Q26 ready
- Ion EARLY ready
- Ion NOMINAL almost ready: setting up of extraction required still