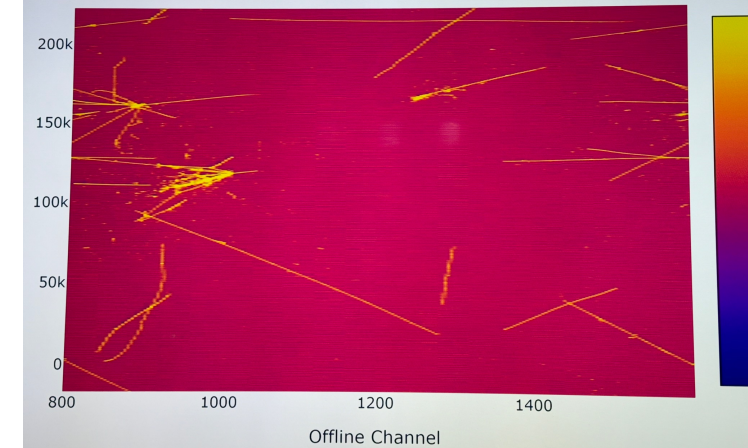


NP04 update



Run 27305, Trigger 1732, APA1 Plane 1
2024-06-19 19:39:35+02:00 (CERN)

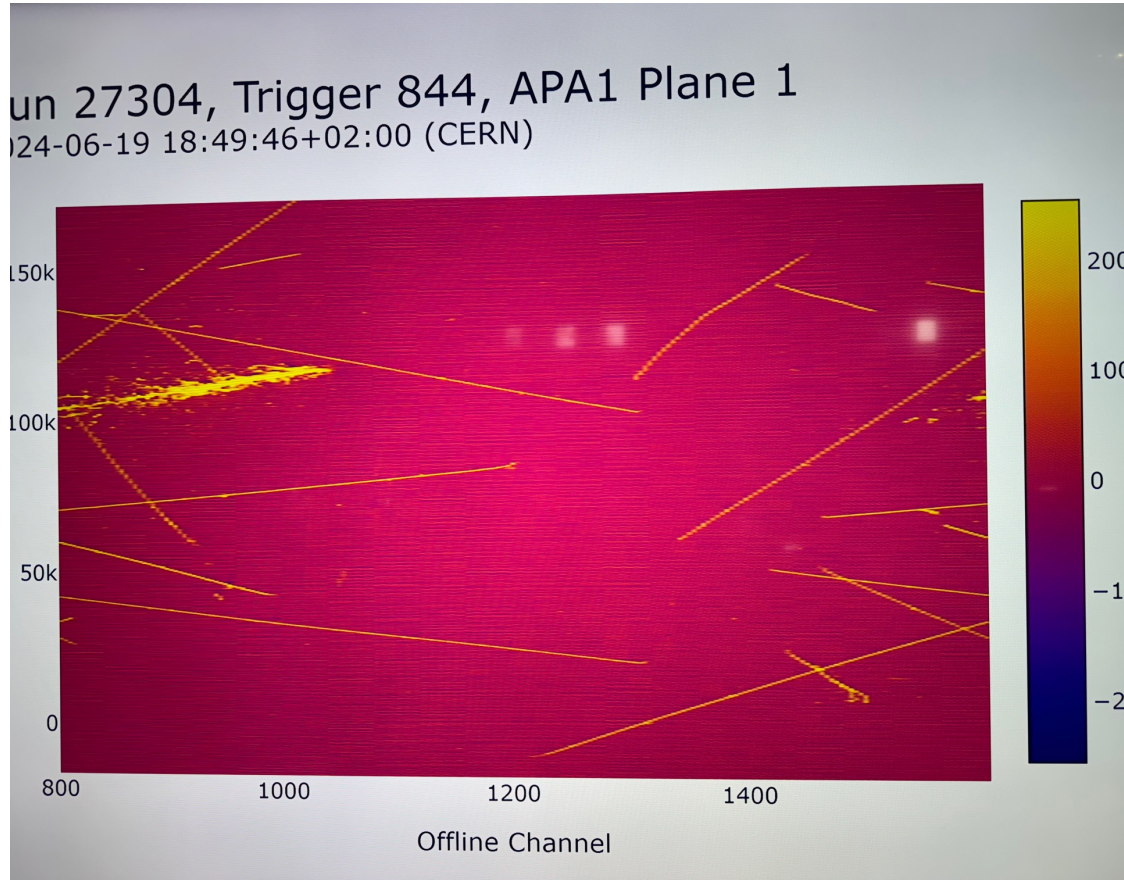


Christos Touramanis
PS-SPS Coordination Meeting
20 June 2024

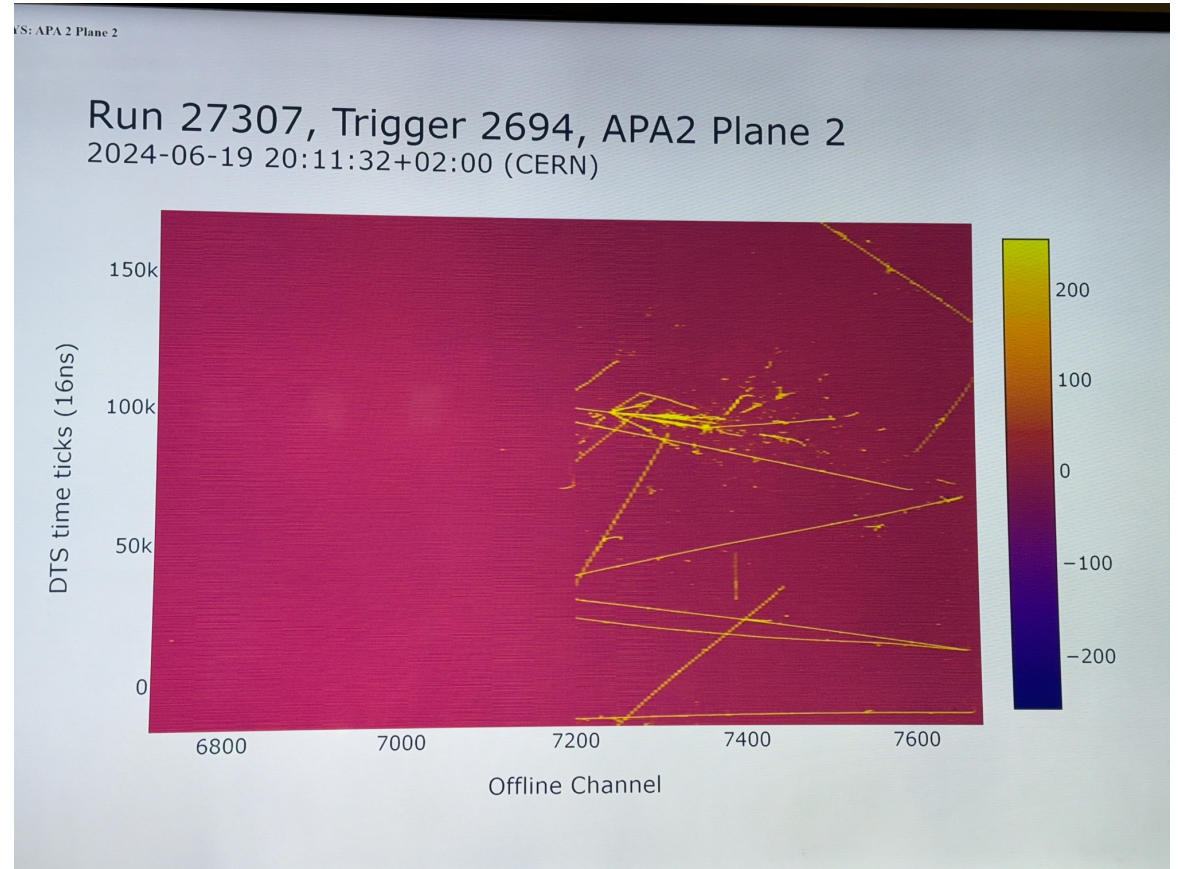
Successful start of first beam period!

- Beam expected from 18:00 yesterday, arrived shortly after 18:30
- NP04 TPC operates well, nice events seen online
- Stable beam 8pm-8am, recorded around 300k beam trigger events
- At 5:40 this morning the spill structure changed, it created a few spikes leading to DAQ errors but no crash
- Continuing this morning at +7 GeV/c, will change polarities/momentum to collect data for detector calibration and initial characterization
- No requests from our side, **thank you very much!**

First 7 GeV/c events



E.M. shower candidate



Pion interacting after $\sim 3\text{m}$ in LAr