



Test Beam Status

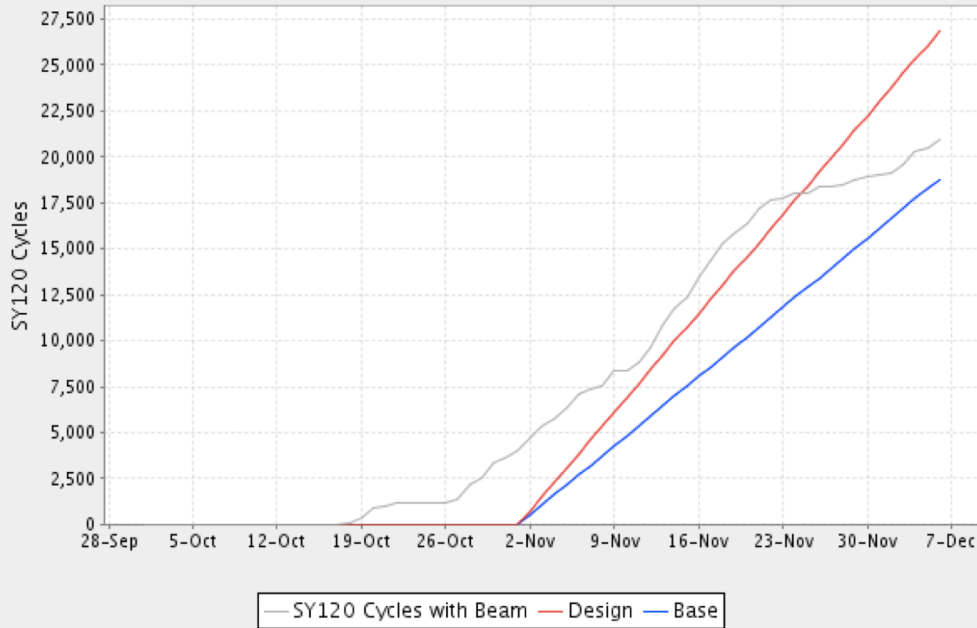
Mandy Rominsky

Proton PMG/AEM

06 December 2018

Beam Plots

Switchyard 120 Cycles



Thanks Mary!

Meson Test Beam and Pulse

F:MTTEST from 11/29/18 00:00 to 12/06/18 00:00

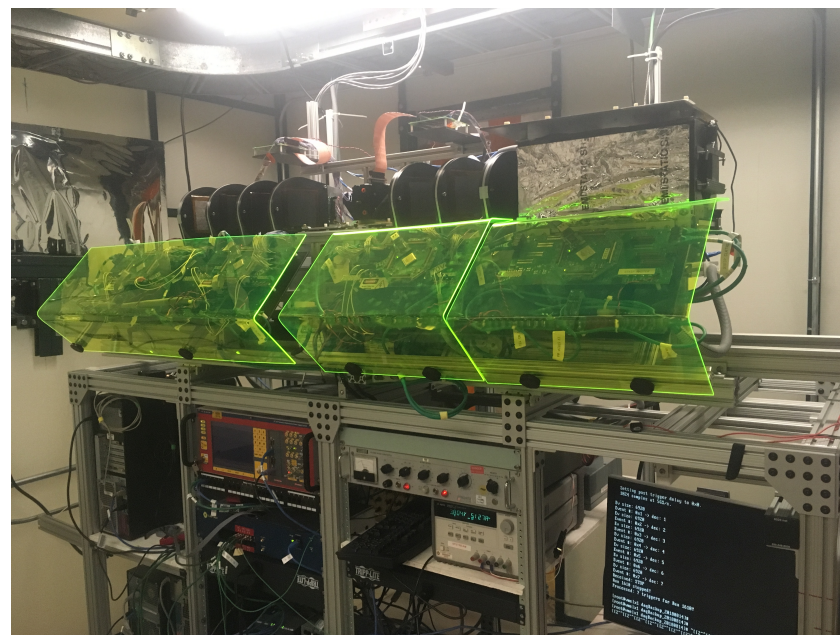
Total Pulse: 2535, Total Pulse with Beam: 1941

Total Beam Sum: 4.378E13, Average Beam per Pulse: 2.256E10



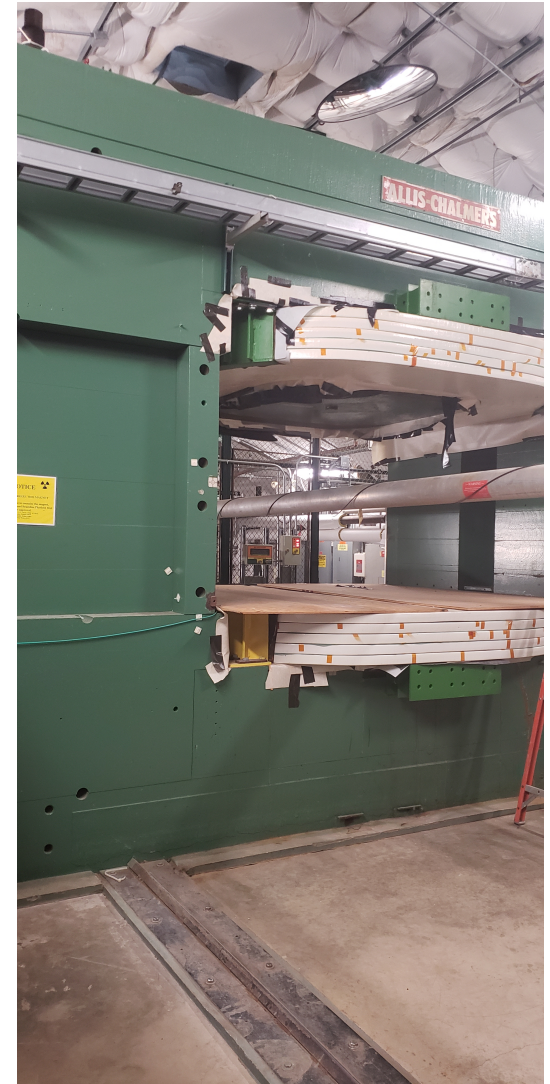
Test Beam Users

- Current MTest users: CMS Sensors (INFN). Testing RD53a chips mounted to 3D sensors
- NOvA Test Beam is continuing work
 - Installing Cherenkov
 - Test filling procedure still in progress
 - Preparing to send beam down in the next few days.
 - Testing Secondary beamline



Jolly Green Giant

- Tested the Magnet on November 13th
 - Unfortunately, it ground faulted twice
- Almost made it to operational current, then faulted. Tried to ramp again and faulted a second time at lower current
 - Appears that the coils move just enough to touch. Somewhere they need to be reinsulated
- No more testing this fiscal year
 - NOvA running is priority
- Could possibly look into refurbishing them again.



Test Beam News

- Made progress on installing otsdaq
 - Evan and I both gaining experience to support users
- Test Beam Committee
 - Annual report in preparation and will be make public soon
 - Annual meeting November 12
- Communication
 - FTBF [elog](#)
 - Slack Channel: [fnal-testbeam](#)
 - Webpage: ftbf.fnal.gov
 - Listserv: test_beam@fnal.gov