

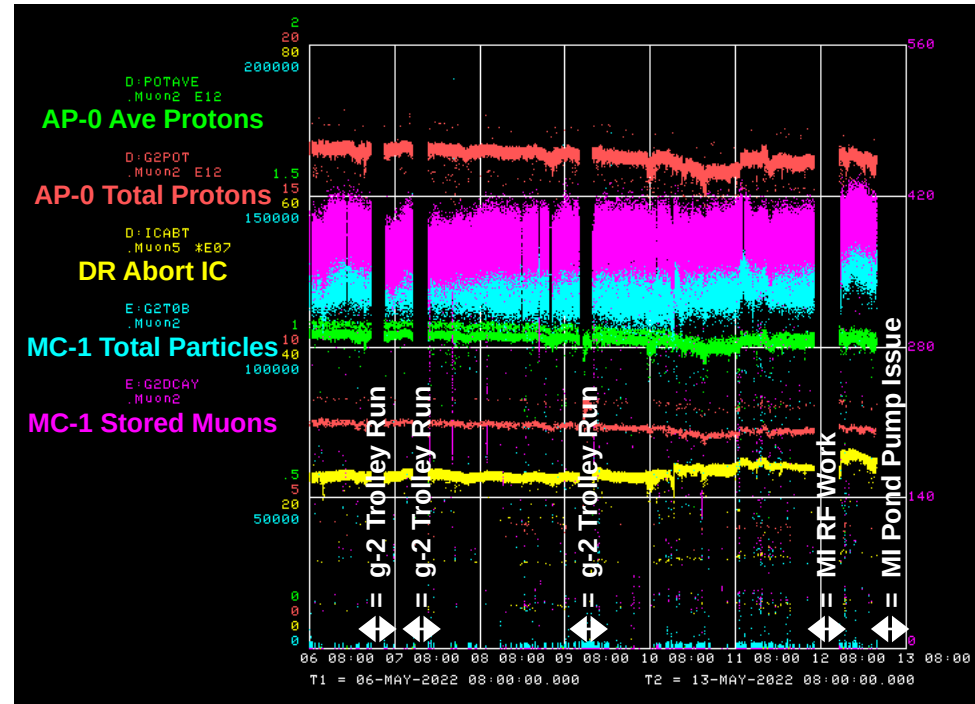


Muon Campus Status

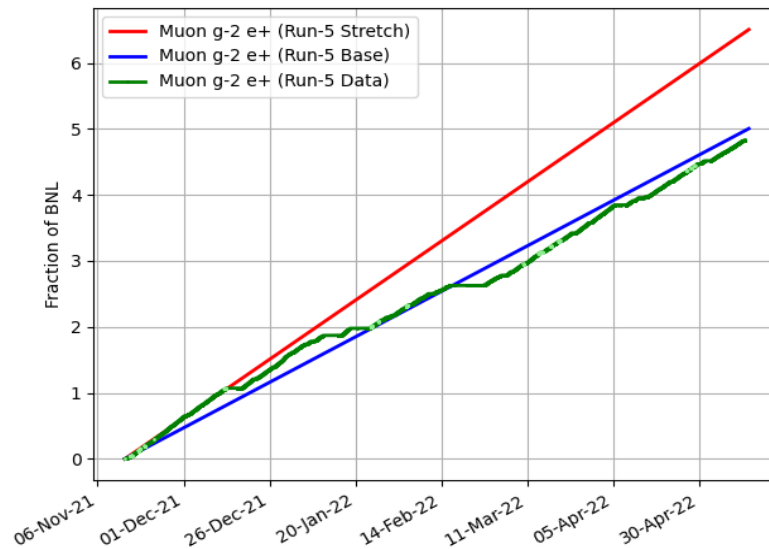
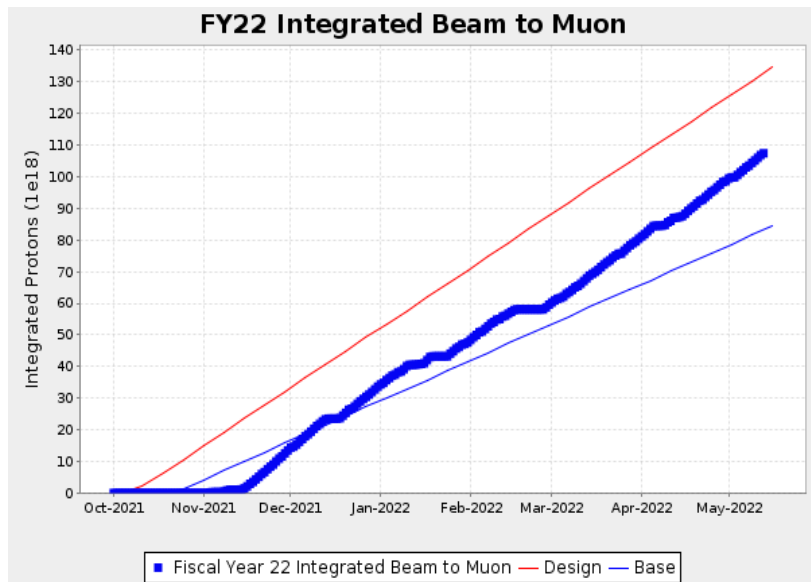
George Deinlein
AD Status Meeting
2022-05-13

Recent Performance

- Muon Campus auto-tune program is operational
 - Limited to P1 and P2 lines for now
- g-2 target spot size study
- Portable A/C unit installed at AP0
 - Temporarily mitigating humidity related issues
 - Permanent solution planned during the summer
- Continuing D:LENS, D:PMAG, and M1 line corrector trips
 - Additional diagnostic equipment set up by EE Support
 - Cause still unknown
- Resolved digital status issue with D:VT747
- M:HT107B still current limited
 - Suspected issue with reference signal
- Worsening Muon LCW leak
 - Waiting for enclosure access opportunity
- Worsening M1 line vacuum
 - Issue originates in P2 line
 - Working with Mechanical Support to address



Cumulative Performance



Upcoming Activities

- Beam to g-2
- Additional g-2 target spot size study (during trolley run next week)
- Scheduled Mu2e beam studies (next week)