

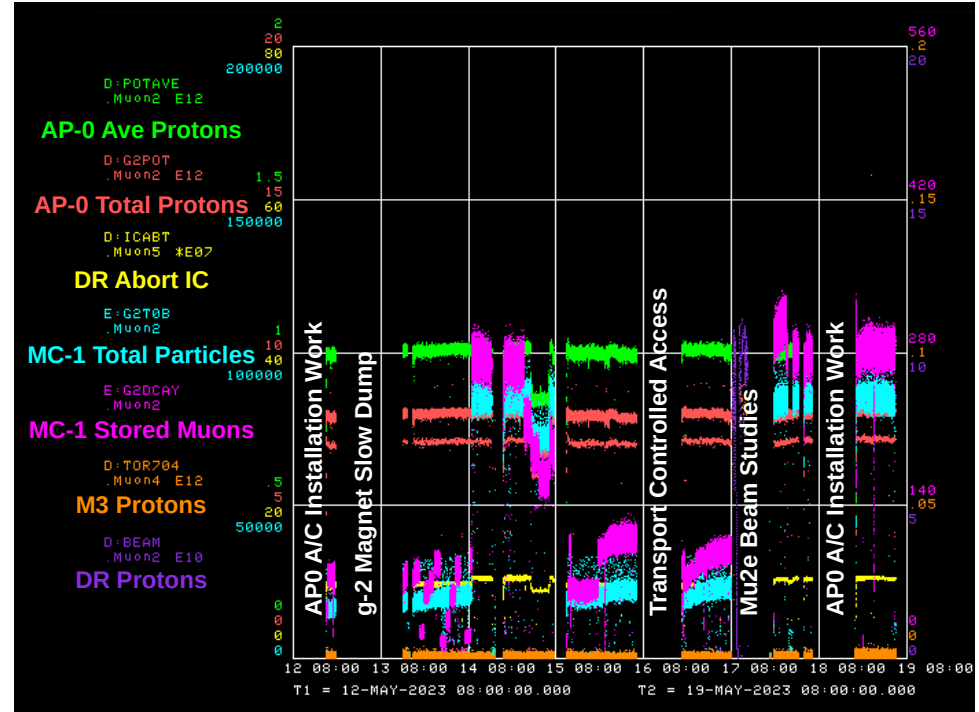


Muon Campus Status

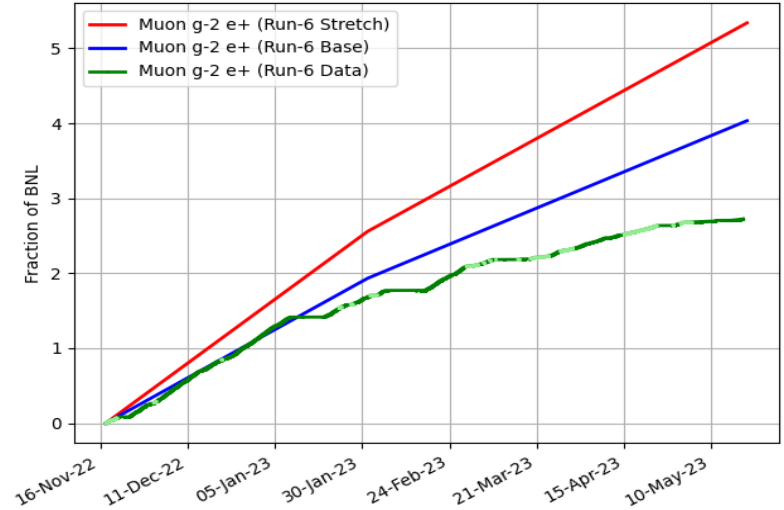
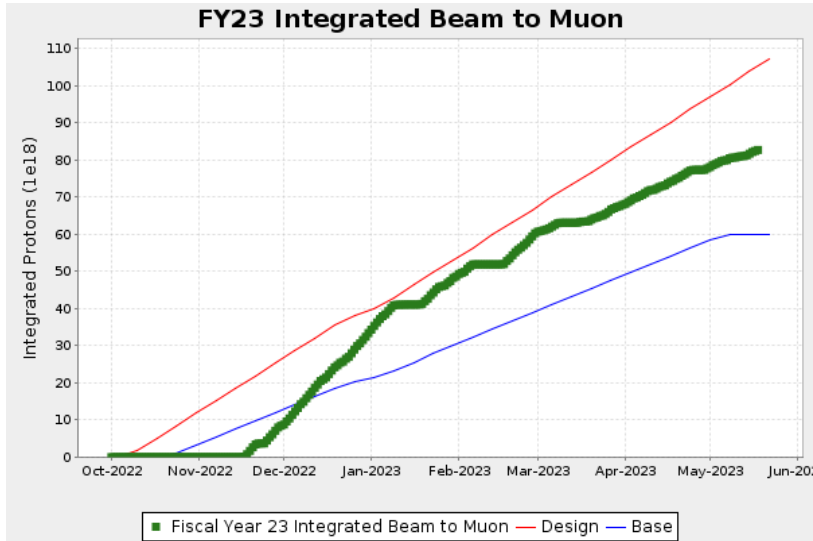
George Deinlein
AD Status Meeting
2023-05-19

Recent Performance

- Alternative Muon Campus LOTO procedures approved
 - Following AP50 LOTO disconnect failure
- Stuck beam stop in upstream M3 line (D:BSC925)
 - Replaced faulty actuator during Transport enclosure access
- Ongoing AP0 air conditioning installation work
 - Water cage accesses inhibit beam to Muon Campus
- g-2 magnet slow dump
 - Recovered the following day
- g-2 systematic narrow bunch studies
 - Reduced stored muons during these periods
- Mu2e DR BPM commissioning beam studies
 - Verified data integrity and polarity issues



Cumulative Performance



Upcoming Activities

- AP0 air conditioning installation work (today)
 - Inhibits beam to Muon Campus during the dayshift
- Beam to g-2 (weekend)
- g-2 cryo warm-up (Monday through Wednesday)
- Mu2e beam studies (next week)
- Muon Campus enclosure access day (next week)
 - Address Muon 95 LCW leaks
- Additional AP0 air conditioning installation work (next week)