

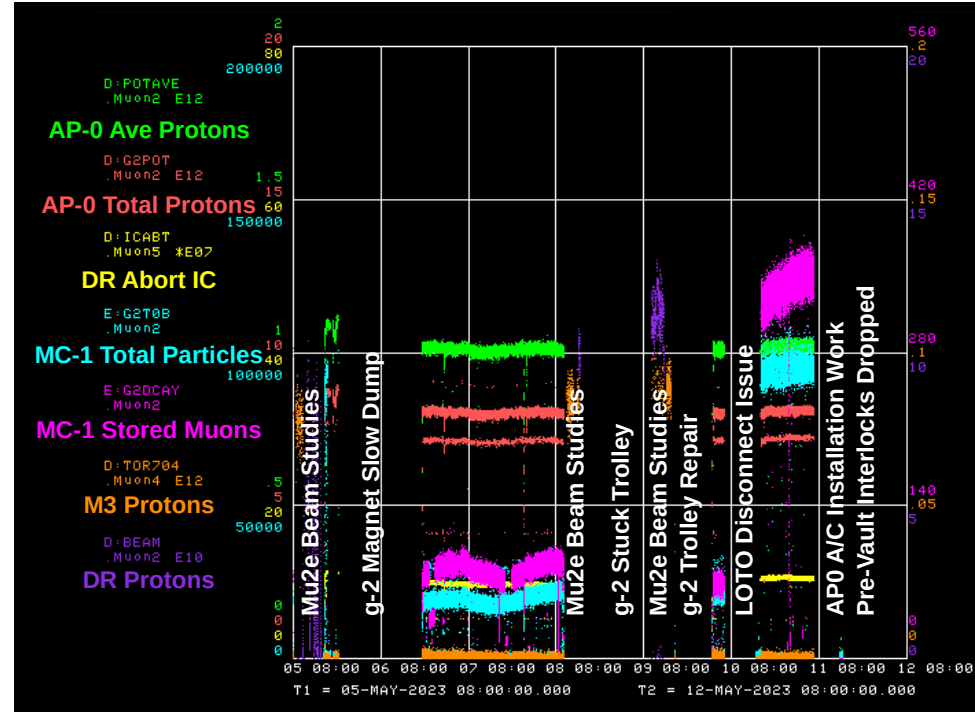


# Muon Campus Status

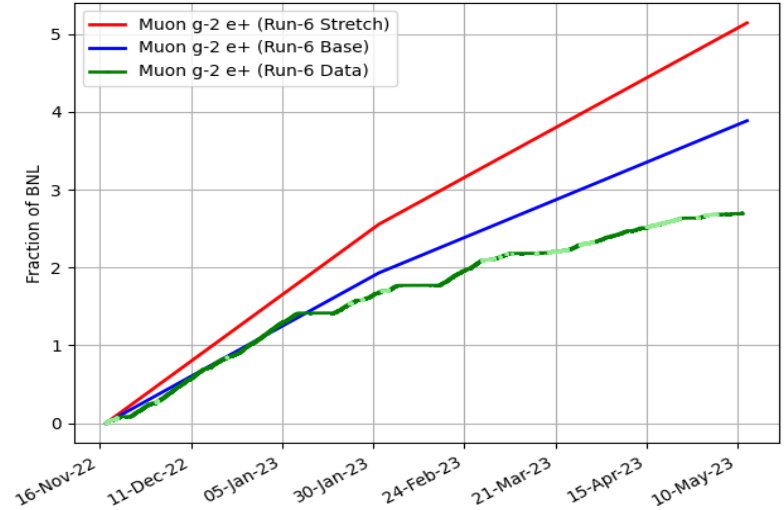
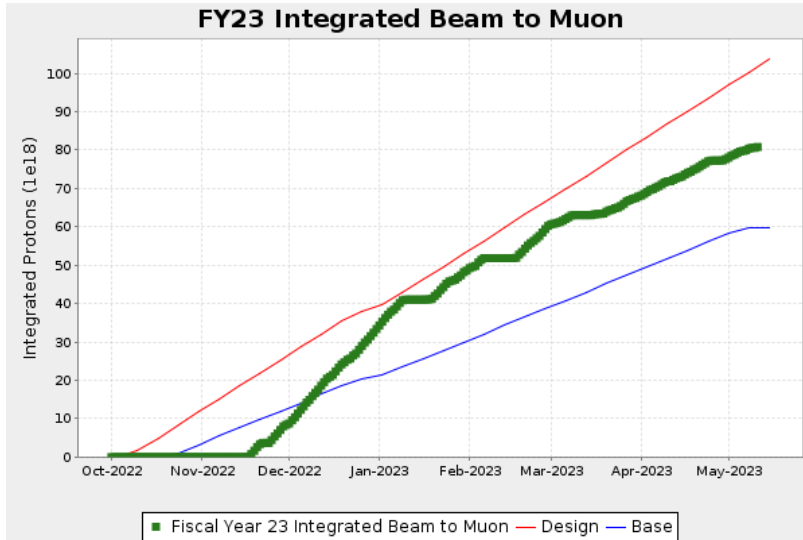
George Deinlein  
AD Status Meeting  
2023-05-12

# Recent Performance

- AP50 LOTO disconnect failure
  - Muon Campus accesses prohibited, until further notice
    - Pre-Vault search and secure postponed
  - Problematic disconnect type identified in other areas
  - Alternative LOTO procedures being developed
- 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 stuck trolley
  - Repaired the following day
- Replaced faulty temperature sensor for Muon 95 LCW system
  - Mixing valve is being automatically regulated again
- Mu2e beam studies
  - DR resonant extraction commissioning
  - DR BPM system commissioning
    - Timed-in D60 crate and repaired D10 crate
  - DR aperture measurements
- g-2 systematic narrow bunch studies
  - Reduced stored muons during these periods



# Cumulative Performance



# Upcoming Activities

- APO air conditioning installation work (today)
  - Tentatively scheduled for most days next week
    - Inhibits beam to Muon Campus during the dayshift
- Awaiting resolution of LOTO issues
  - Before proceeding with any enclosure access or beam related plans