

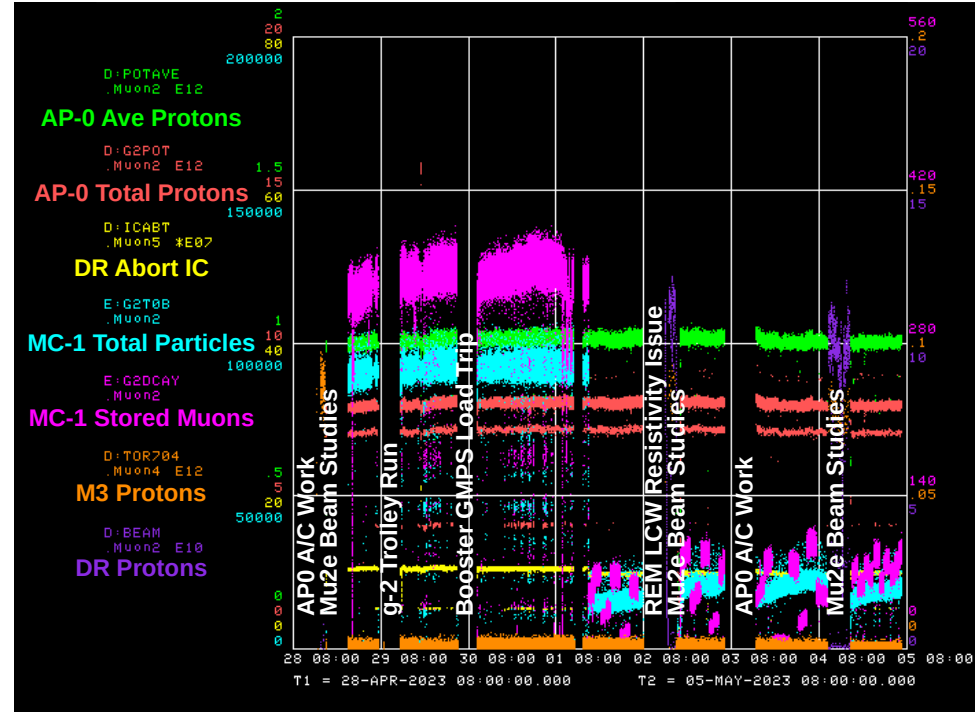


Muon Campus Status

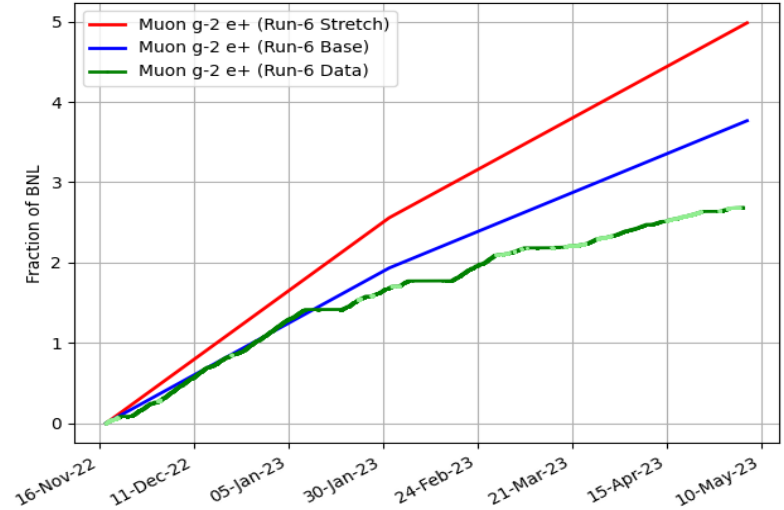
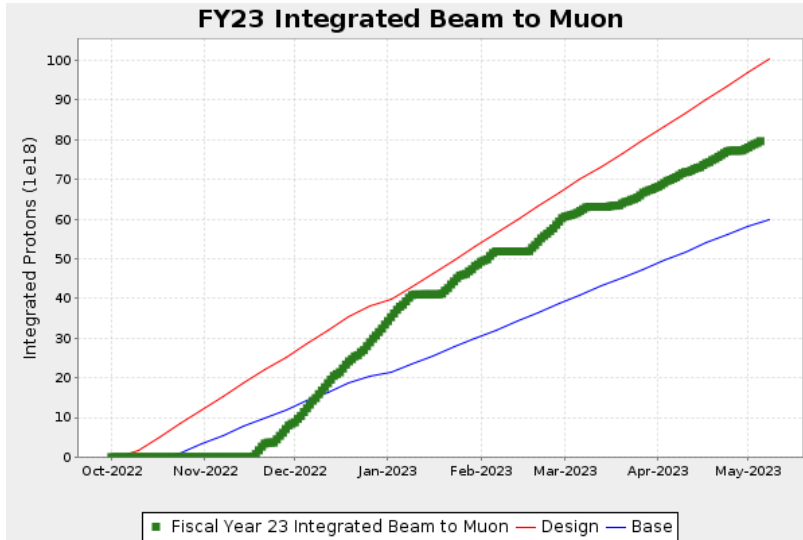
George Deinlein
AD Status Meeting
2023-05-05

Recent Performance

- Ongoing APO air conditioning installation work
 - Water cage accesses inhibit beam to Muon Campus
- Faulty temperature sensor for Muon 95 LCW system at CUB
 - Mixing valve is being manually regulated for now
- Replaced faulty Pre-Vault HEPA blower fuse holder
- Replaced Li Lens RAW system DI cartridge
- REM LCW low resistivity issue
- Mu2e beam studies
 - DR resonant extraction commissioning
 - Reduced losses and increased efficiency
 - DR BPM system commissioning
 - Updated firmware for digitizers
 - Investigated various issues with M4 line multi-wires
 - No profiles during resonant extraction
- g-2 systematic narrow bunch studies
 - Reduced stored muons during these periods



Cumulative Performance



Upcoming Activities

- Mu2e beam studies (today)
- Beam to g-2 (weekend)
- APO air conditioning work (tentatively, next Thursday and Friday)
 - Inhibits beam to Muon Campus during the dayshift
- Additional Mu2e study plans are still being developed