

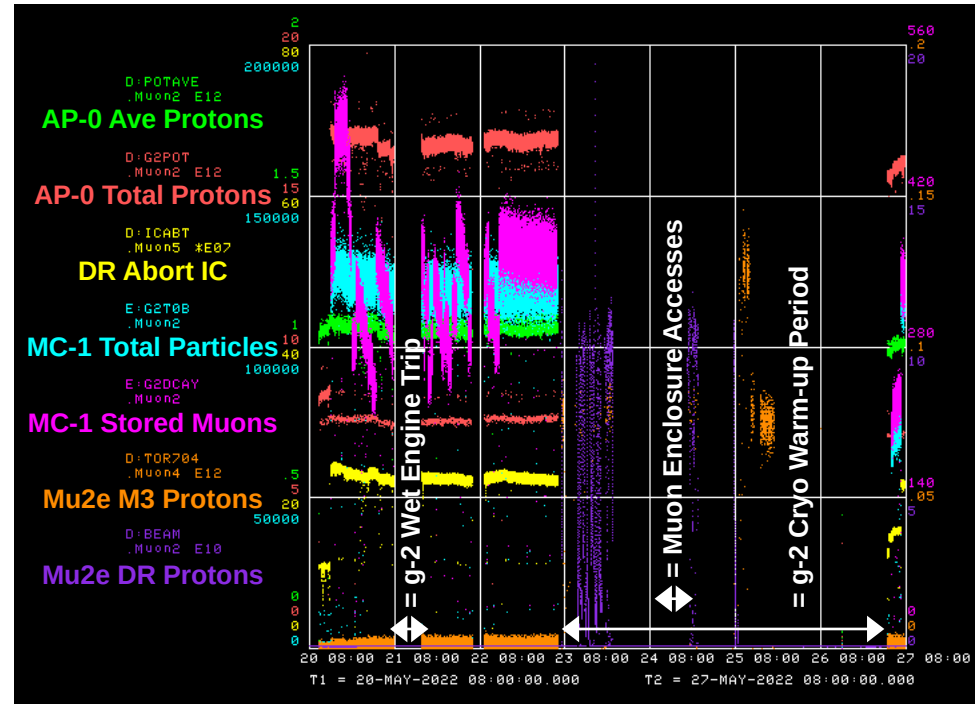


Muon Campus Status

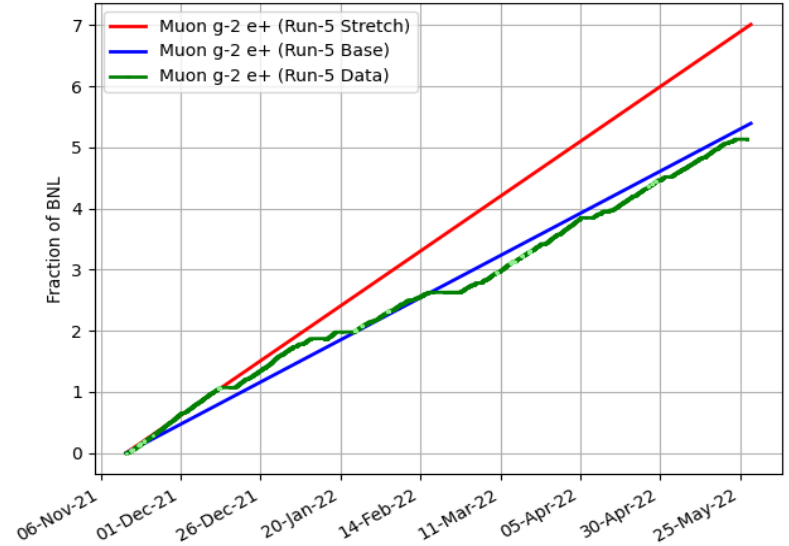
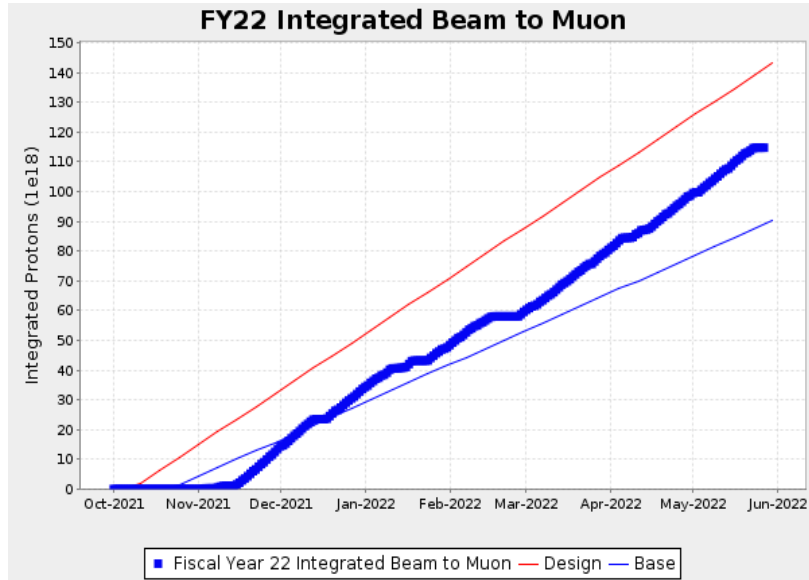
George Deinlein
AD Status Meeting
2022-05-27

Recent Performance

- g-2 wet engine trip
- g-2 cryo warm-up period
- Mu2e beam studies
 - DR30 loss and radiation measurements
 - DR resonant extraction prerequisite measurements
 - DR injection closure optimizations
 - DR tune mult calibrations
 - M4 TLM measurements
 - M4 line optics measurements
- Muon enclosure accesses
 - Attempted to address Muon LCW leaks
 - Temporary patches did not appear to help much
 - Connected M4 line collimator controls
- DR quad PS settings jump when changed
 - Controls personnel are investigating
- g-2 bunch timing shift from RR
 - Will be investigated today
- Monitoring worsening P2 / M1 line vacuum issues
 - Working with SY and Mechanical Support to address



Cumulative Performance



Upcoming Activities

- Beam to g-2