

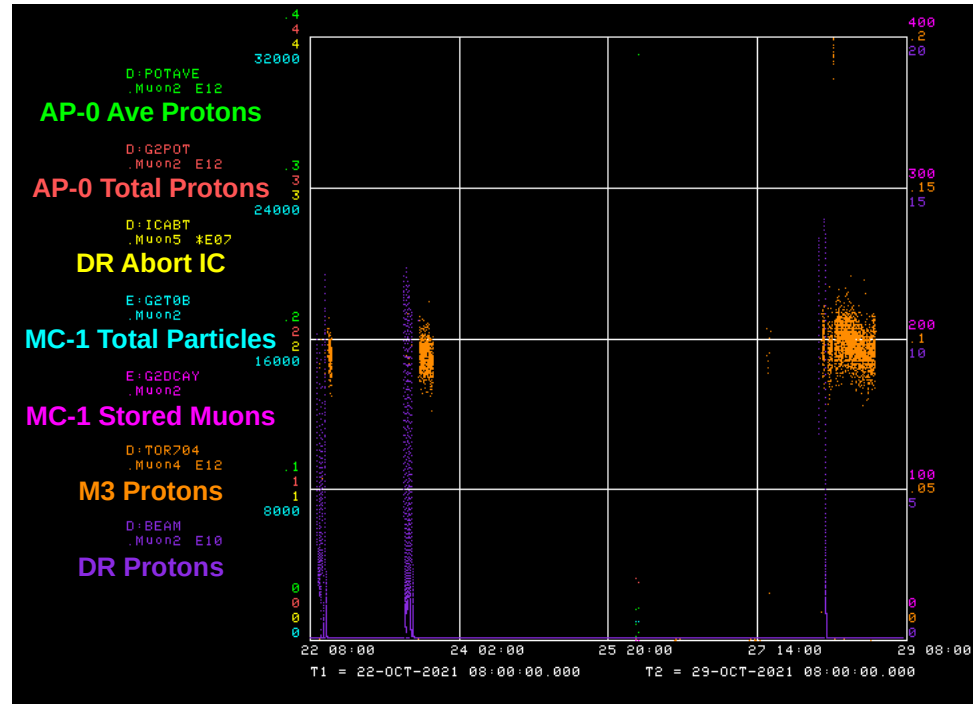


Muon Campus Status

George Deinlein
AD Status Meeting
2021-10-29

Recent Performance

- DR BPM FLASH frame reporting bad data
 - Working with Instrumentation personnel to investigate
- DR transition gamma measurements
 - Will need to repeat this study
- P1 through M3 line optics and profile measurements
 - IMW709 will not retract
- Investigated apparent DR injection tune shift
 - Further studies are required
- DR controlled access
 - Re-configured abort kicker for 8 GeV operations
- DR abort line loss and radiation measurements
 - Needed for upcoming shielding assessment
- Filled small sink hole along M5 line berm
- D:IB would not turn on
 - Replaced bad relay



Upcoming Activities

- DR controlled access, to re-configure abort kicker (today)
- Investigate IMW709 issue (today)
- Continue beam studies (weekend)
 - Commission DEX bump
 - P1 through M3 line optics and dispersion measurements
- Re-establish 3.1 GeV/c beam to the DR (Monday)
 - Attempt to increase intensity and repetition rate, provided upstream machines can support this
- Beam to g-2 (Tuesday)