

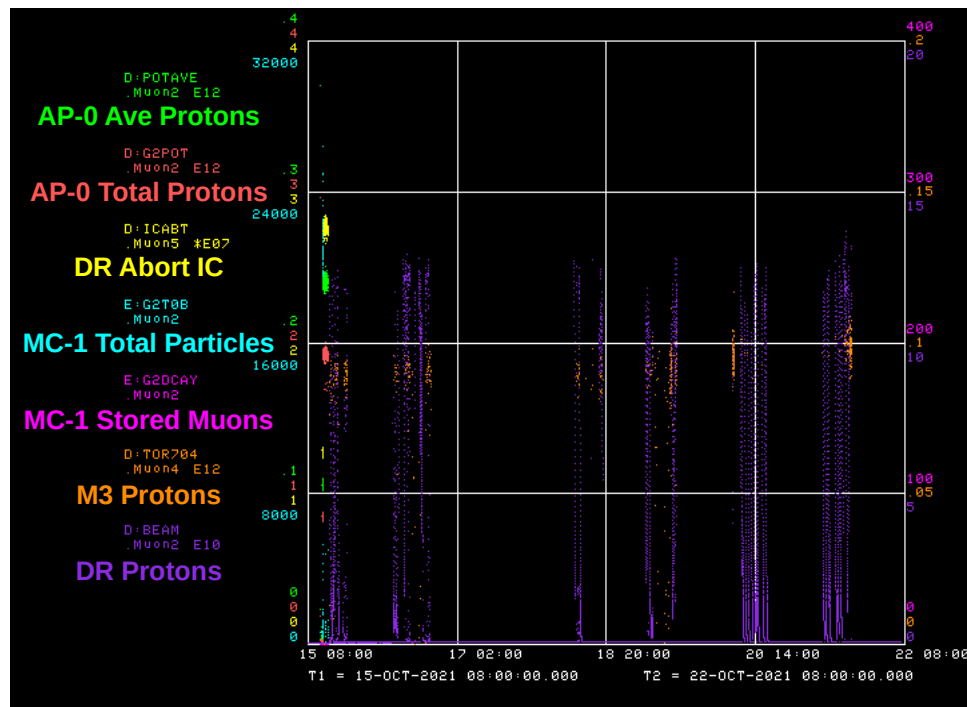


# Muon Campus Status

George Deinlein  
AD Status Meeting  
2021-10-22

# Recent Performance

- Beam to MC-1, with storage magnet off
  - Start-up orbit corrections and timing adjustments
- DR30 loss and radiation measurements
  - Needed for upcoming shielding assessment
- Implemented new optics for the M1 and M3 lines
  - To improve matching with the DR optics
- DR eta measurements
  - To verify model predictions
- Commission DR aperture measurement software
- DR BPM FLASH frame reporting bad data
  - Working with Instrumentation personnel to investigate
- Commissioned DEX PS
  - Over temperature faults when at full voltage
    - Working with EE Support personnel to repair
- F27 service building temperature regulation issues
  - A/C unit is installed and operational



# Upcoming Activities

- Continue beam studies (today and over the weekend)
  - DR transition gamma measurements
  - P1 through M3 line optics and dispersion measurements
- Beam to g-2 (next week)