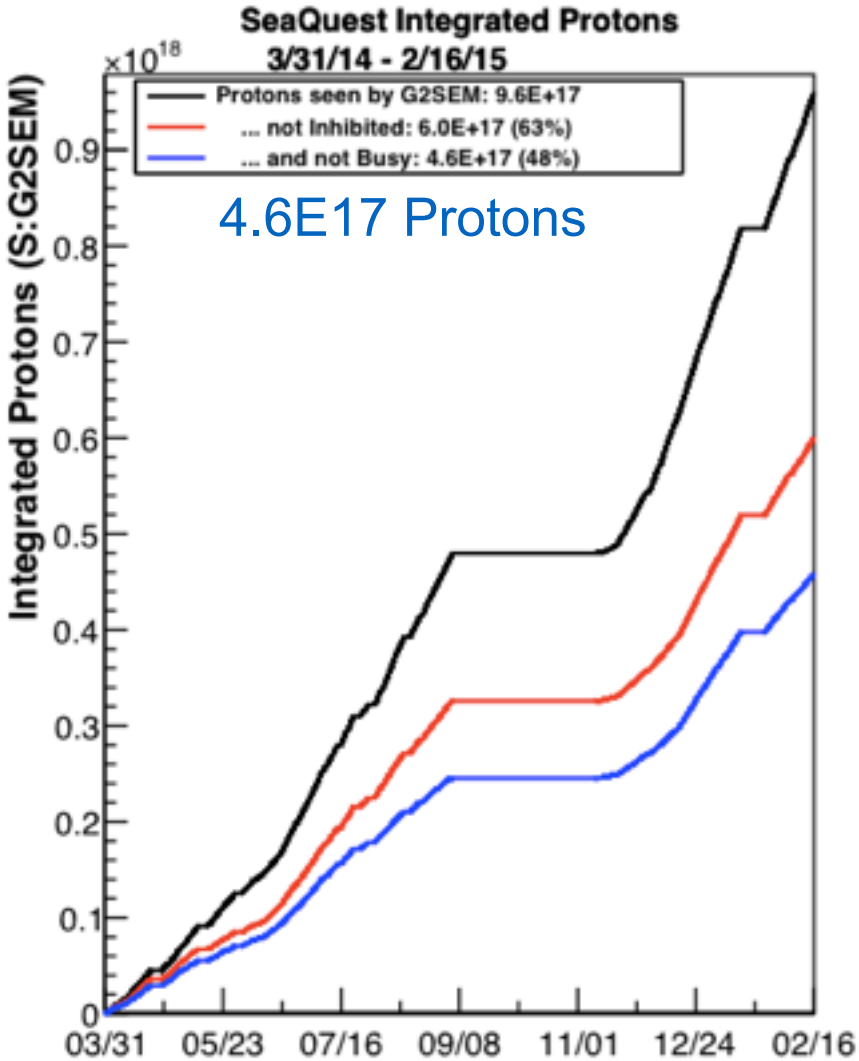
SeaQuest Status
Feb 9-15, 2015

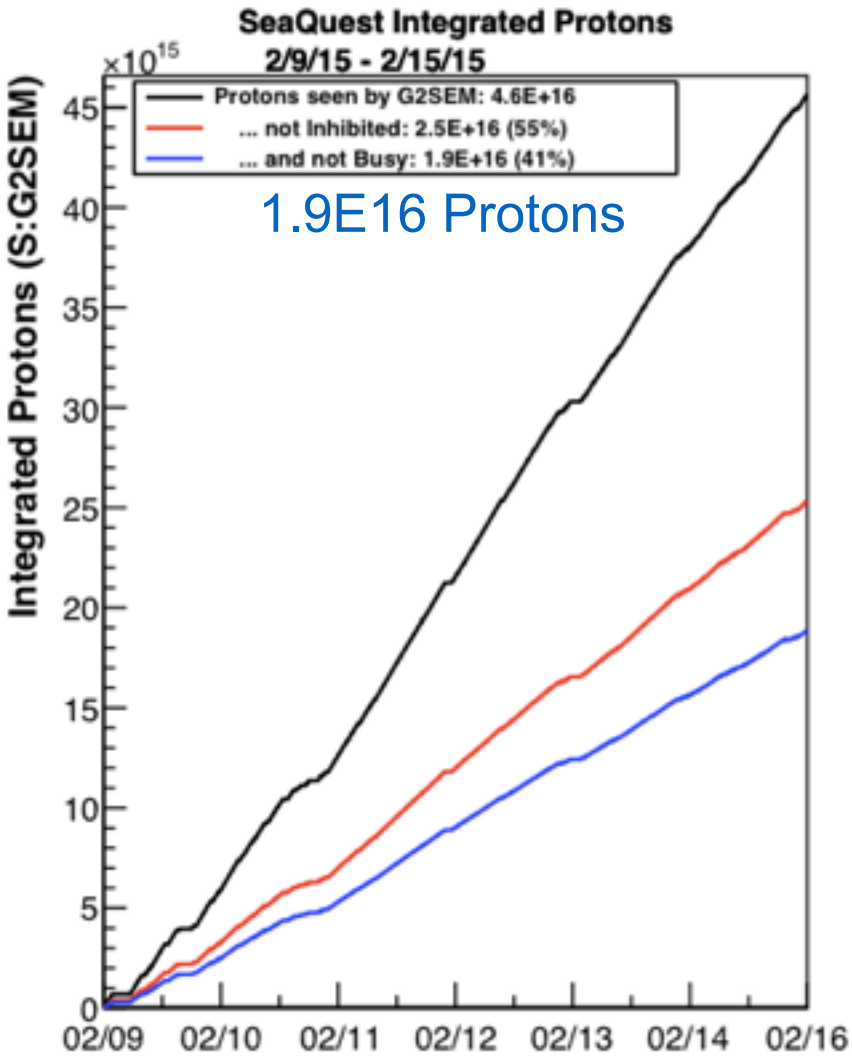
Brian Tice

Feb 16, 2015

Full Production Runs II+III

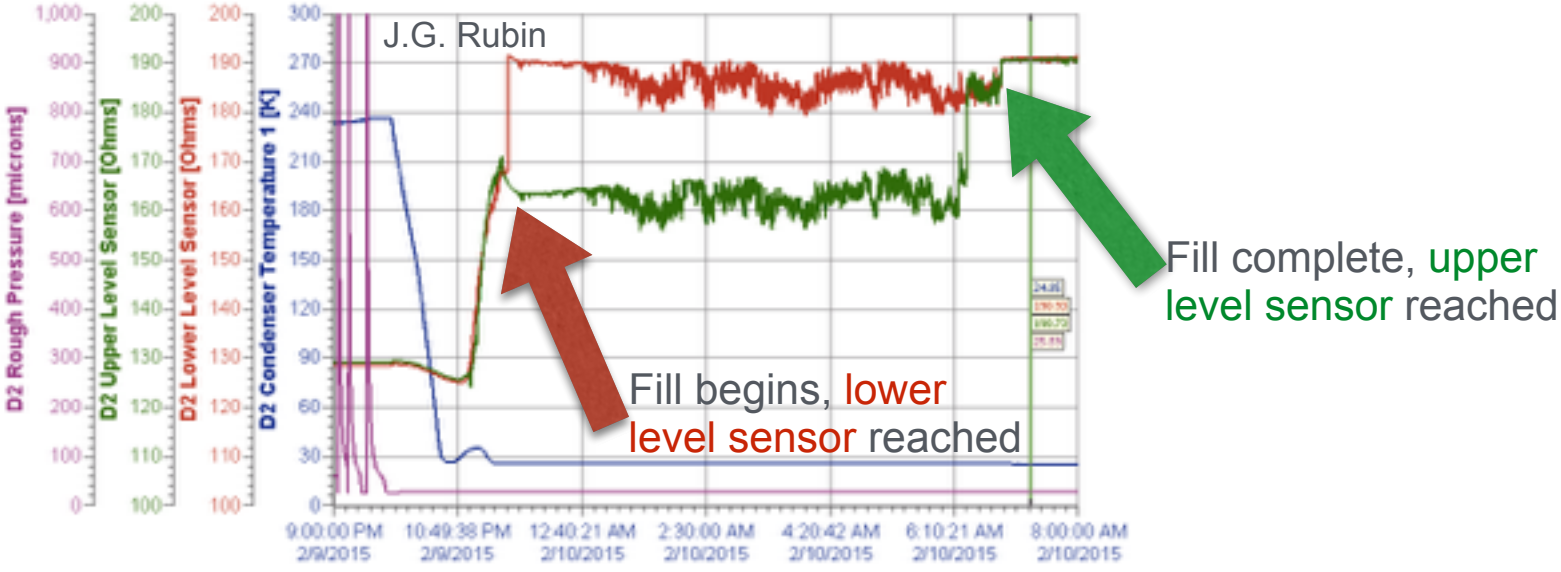


Previous Week



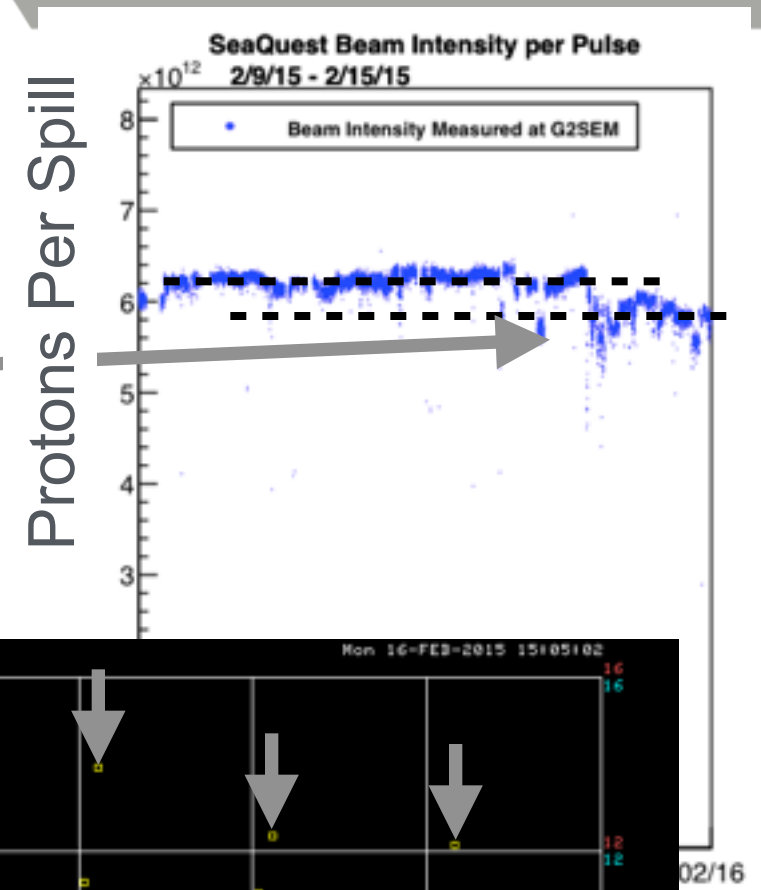
Deuterium Target Refilled

- Early morning last Monday, certain target systems lost power (reported last week)
  - Broken UPS and power supply to blame
  - Recovered quickly but D2 warmed up and vented (the H2 target was saved)
- Continued taking data with the other 6 targets
- Deuterium target refilled and cooled overnight last Monday, stable since

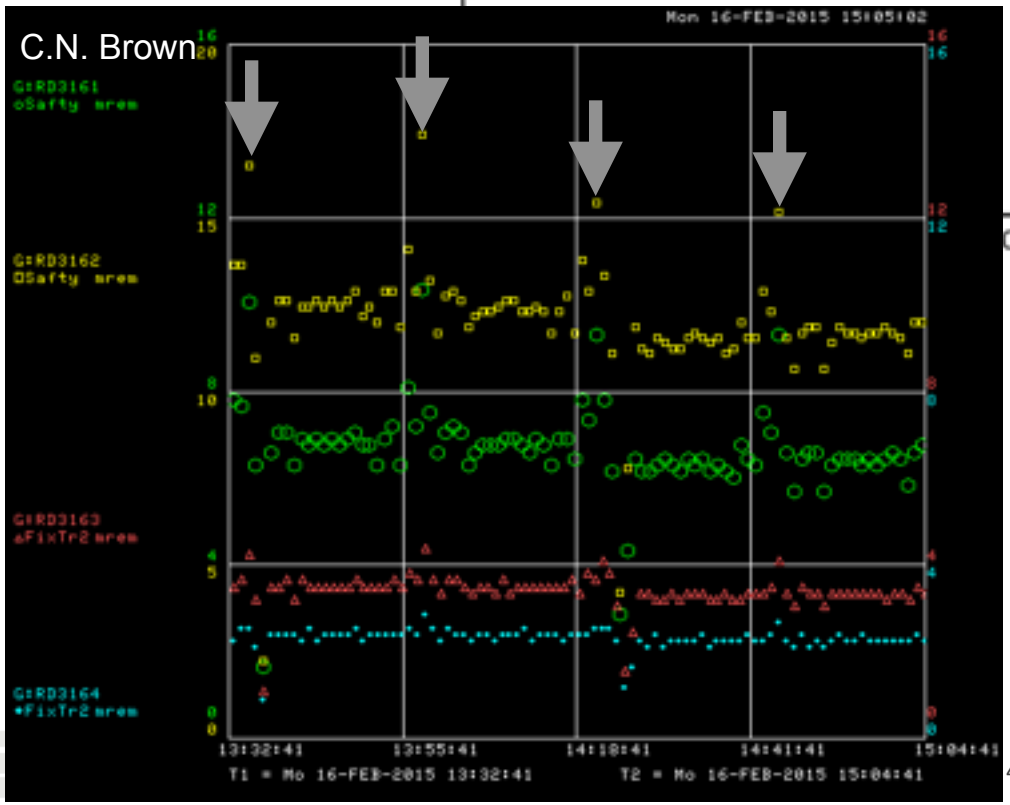


Beam Intensity Limited

- Intensity lowered slightly Friday due to rad trips



- Rad monitors pick up more neutrons every 23 minutes, when tungsten is in beam



Collaboration Meeting

- Collaboration meeting held last week in Santa Fe (LANL hosted)
  - Including one day planning for upcoming E1039 (polarized Drell-Yan)
- Lots of work verifying our understanding of data
  - Rate dependence of reconstruction is a primary concern
- Focus continues to shift to physics analyses
- Preparing for 2nd large batch production of data

Summary of Current Status

- All systems working
  - Beam monitoring, targets, magnets, detectors, DAQ all good