

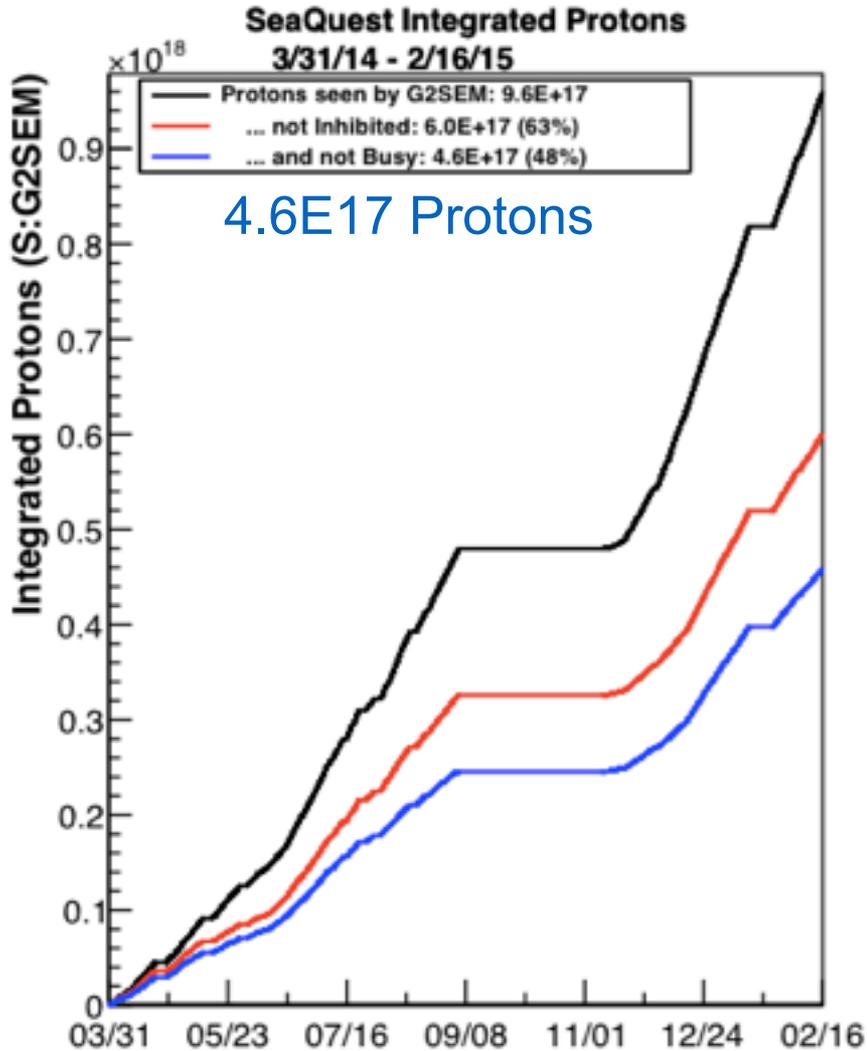
SeaQuest Status

Feb 9-15, 2015

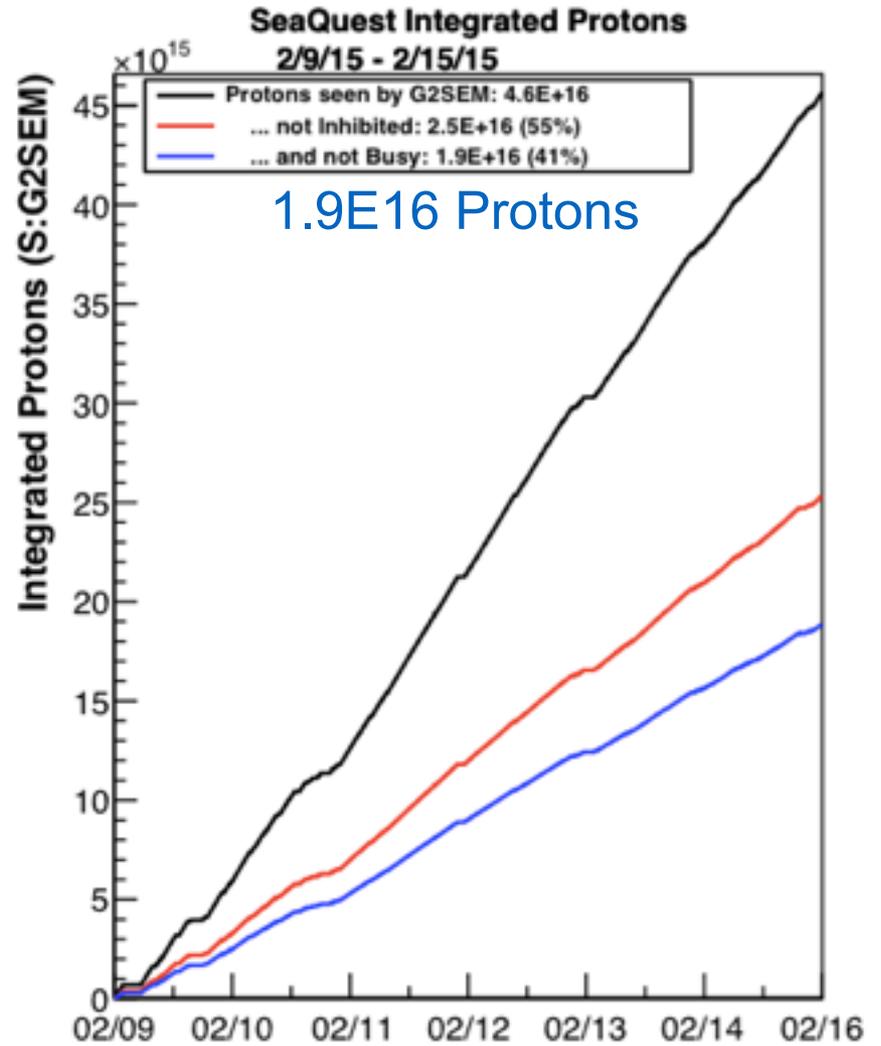
Brian Tice

Feb 16, 2015

Full Production Runs II+III

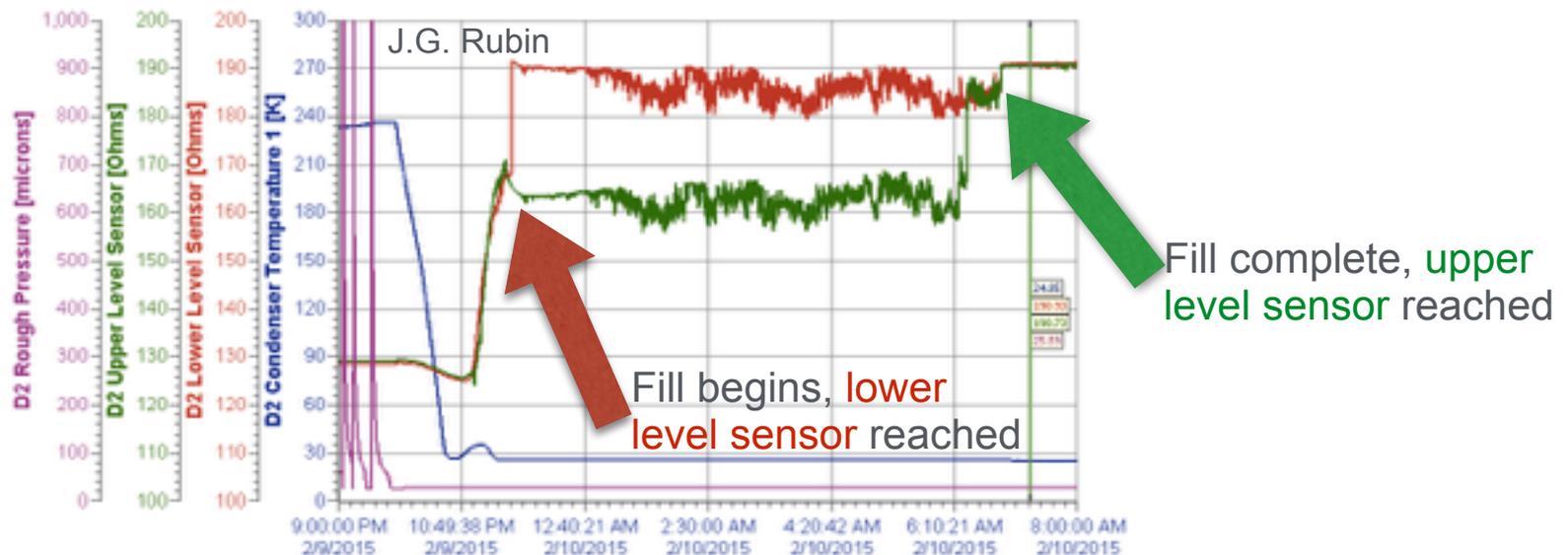


Previous Week



Deuterium Target Refilled

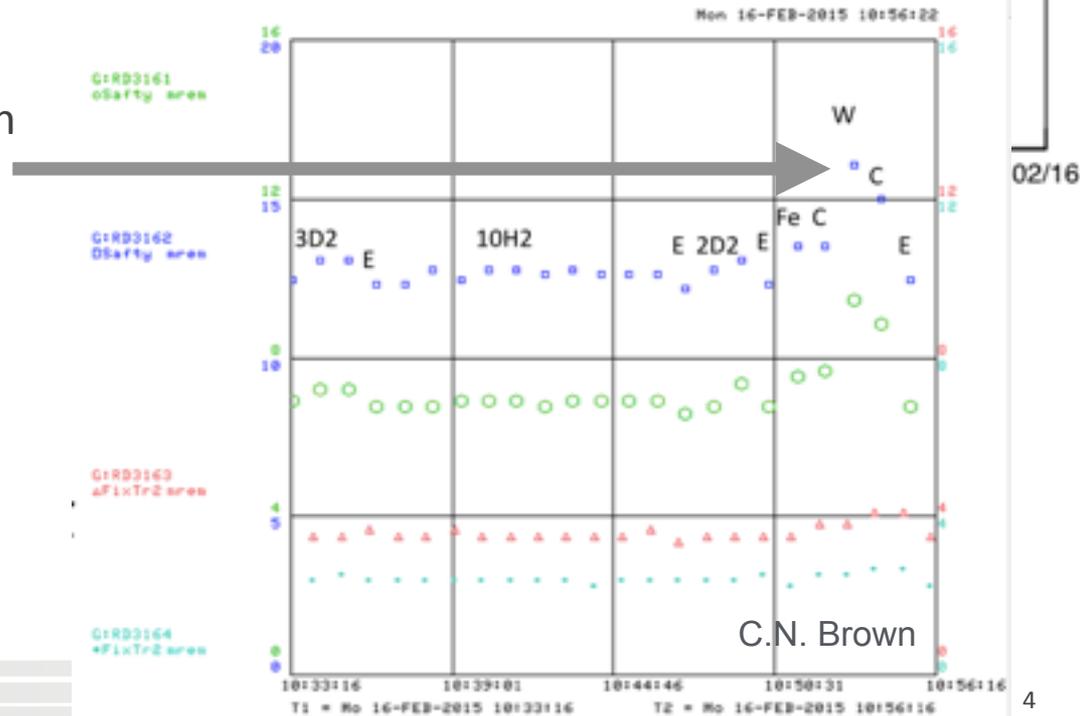
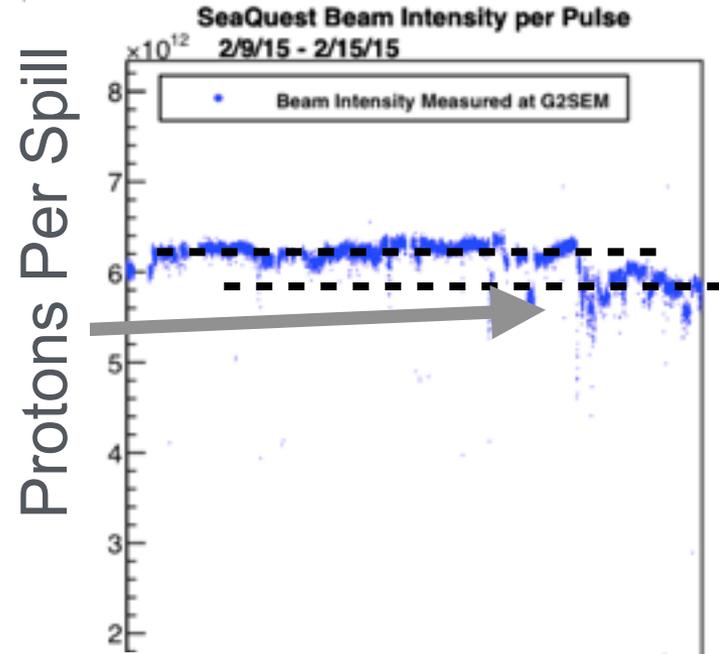
- ▶ Early morning last Monday, certain target systems lost power (reported last week)
 - Broken UPS and power supply to blame
 - Recovered quickly but D2 warmed up and vented (the H2 target was saved)
- ▶ Continued taking data with the other 6 targets
- ▶ Deuterium target refilled and cooled overnight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

