

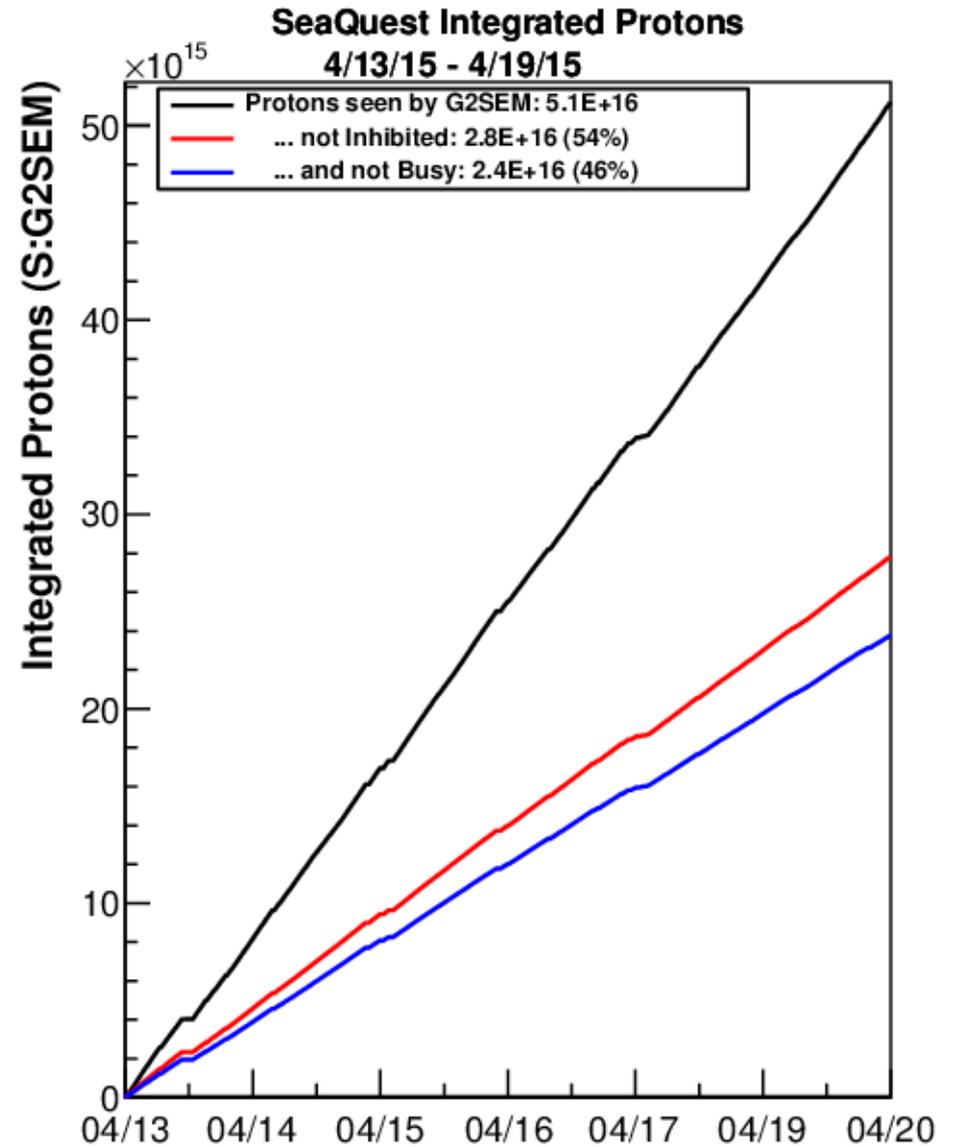
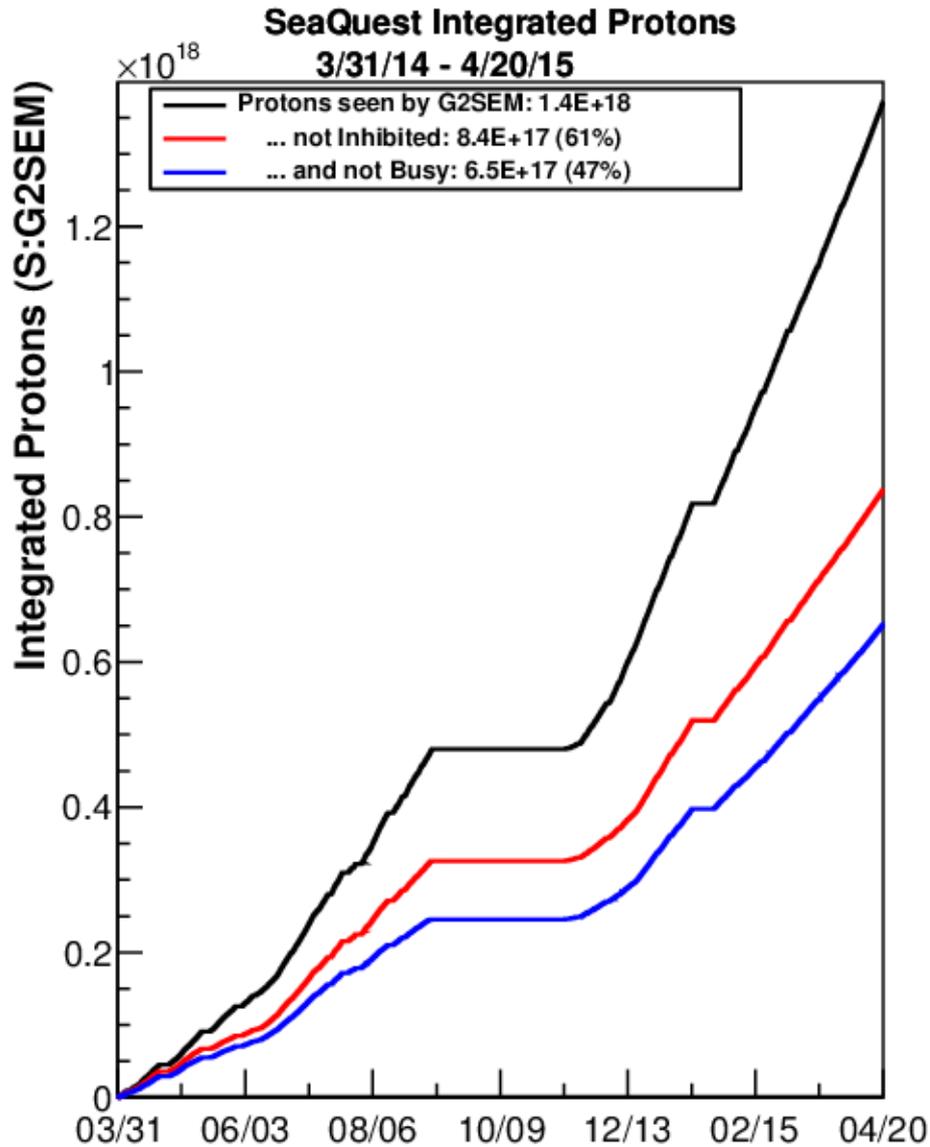
# **Status of E-906/SeaQuest**

**– an unpolarized fixed-target Drell-Yan experiment**



**Markus Diefenthaler (UIUC)**

# Production Data

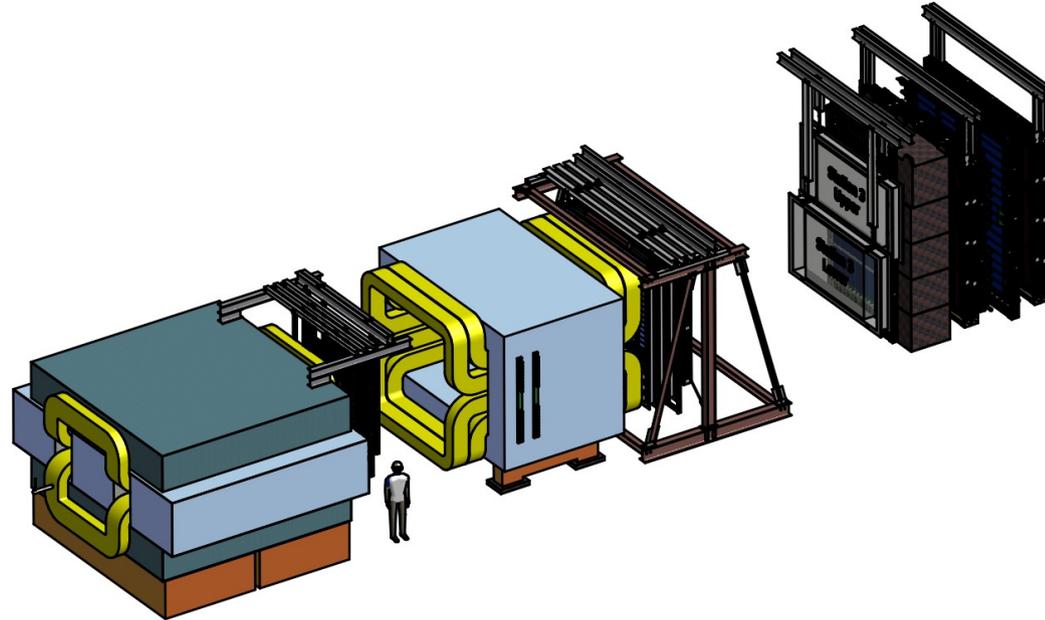


# Beam status

- **Beam summary:**
  - test of \$20 event in the time line on Monday
  - beam focusing studies on Friday to prepare for SeaQuest with polarized target (E1039)
- **Beam problems:**
  - problem with radiation monitors on Wednesday resulting in a down time of about 50 minutes
  - Klystron LLRF work on Thursday resulting in downtime of about 40 minutes

# Spectrometer Status and Plans

Operational



Target

target computer restarted itself → missing target information for two spills; power generator to maintain part of the cryogenic target system during tomorrow's rolling power outage, many thanks to AD and FESS;

FMAG and KMAG

KMAG temperature high on Friday; discussing thresholds with experts; work on NS2 cooling tower work has started today;

Hodoscopes

working well;

Drift Chambers

working well; ½ of drift chambers dripped once during beam focusing studies on Friday;

DAQ

16 DAQ issues during week: could be solved by restarting DAQ, rebooting VME crates, and replacing one ROC;