



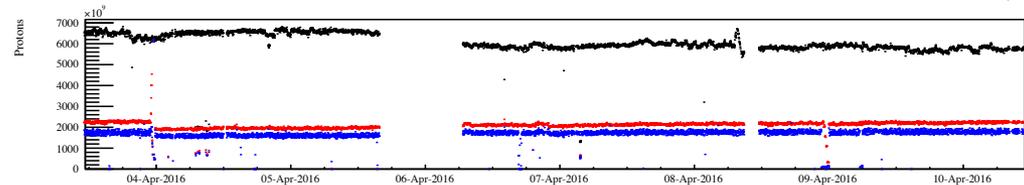
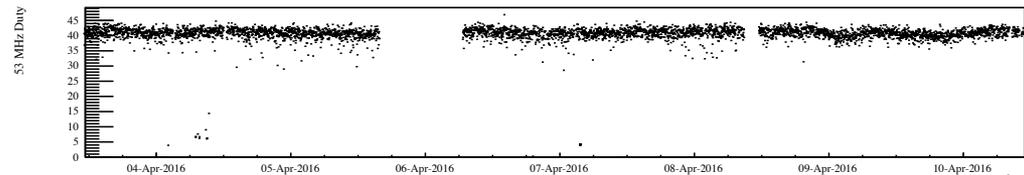
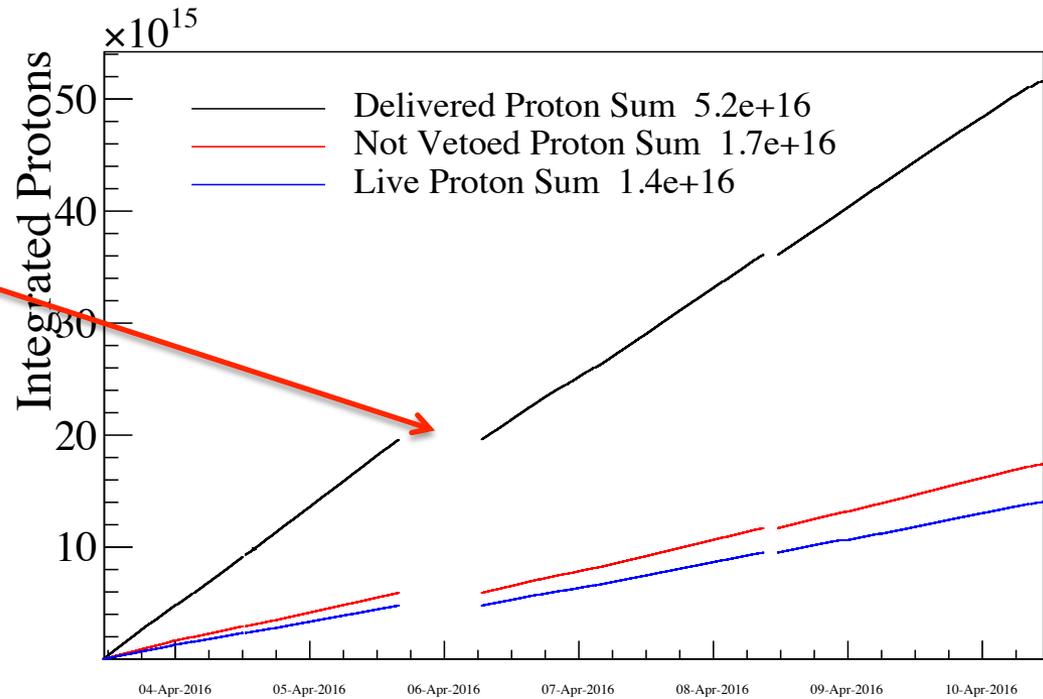
# SeaQuest AEM meeting 4/11/16

Arun Tadepalli  
Rutgers University

# Accumulated protons last week

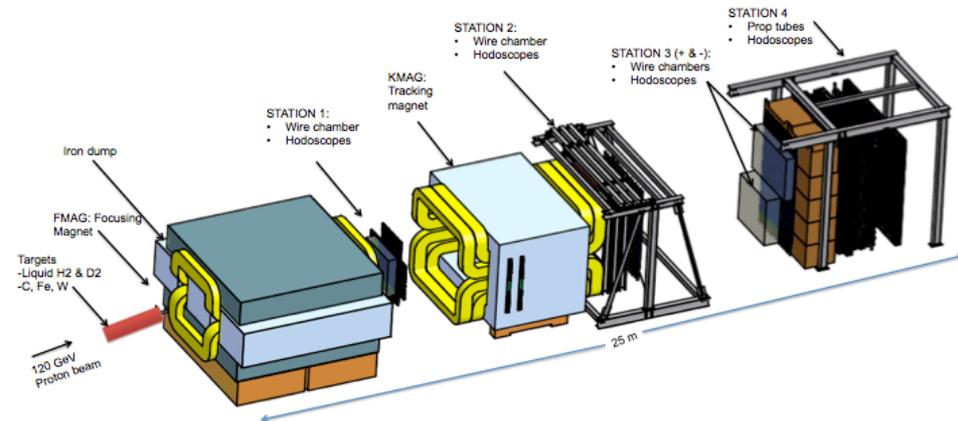
Beam down time on Wednesday

- Gas gain studies on new St 1 done
- Target equipment maintenance
  - D2 supply sensor replaced and calibrated
  - H2 vent pressure sensor replaced and calibrated



# Spectrometer status

- Beam vacuum pipe - stable
- Cerenkov counter – stable
- Target
  - Looked like a snowflake event (Apr 8<sup>th</sup> night shift)
- Hodoscopes – stable
- Chambers – stable and operational
- Prop tubes – stable
- DAQ
  - MainDAQ – stable but occasional CODA crashes
  - ScalarDAQ – stable but occasional alarms attributed to network slowness
  - BeamDAQ – stable but occasional alarms attributed to network slowness
- Online monitoring – stable



# New St 1

- Operating at 1610 V CAEN HV
- Leak current 207.3 micro amps
- Gas gain measurements performed on Friday
  - Amplitude of the pulse is at its highest since Jan
- ASDQ thresholds tweaked to remove occasional noisy cards on St 1 hit distributions



# PLAN FOR NEXT WEEK

Continue data taking!