

# MINER<sub>v</sub>A

# OPERATIONS REPORT

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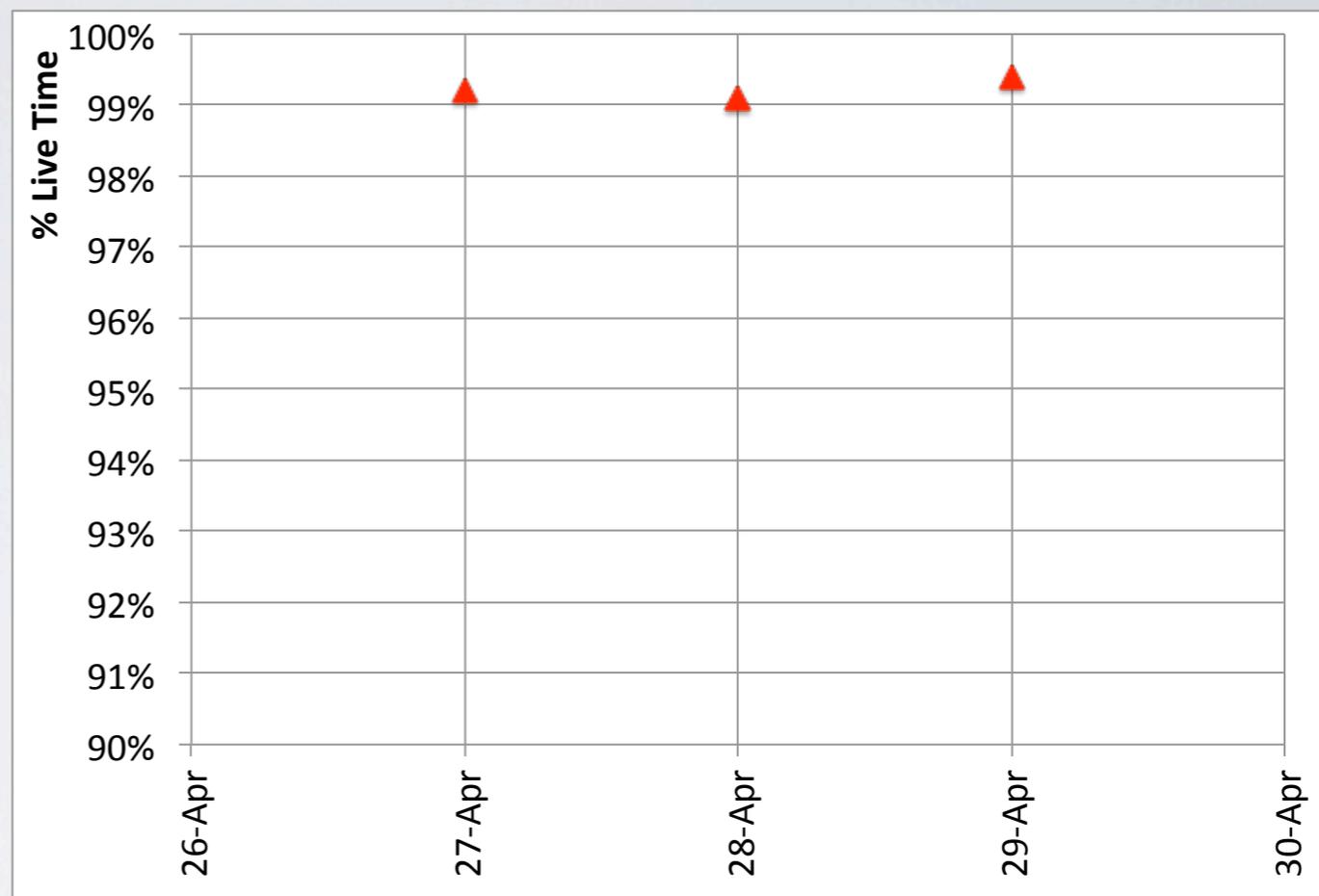
All Experimenters Meeting, May. 7, 2012



## v Data

% Live time Apr 27 - Apr 29

- NuMI:  **$2.65 \times 10^{18}$  POT** delivered.
- MINERvA:  **$2.63 \times 10^{18}$  POT** recorded, **99.2%** live time.
- Minos: **98.7%** live time.
- MINOS\*MINERvA live time **97.9%**.



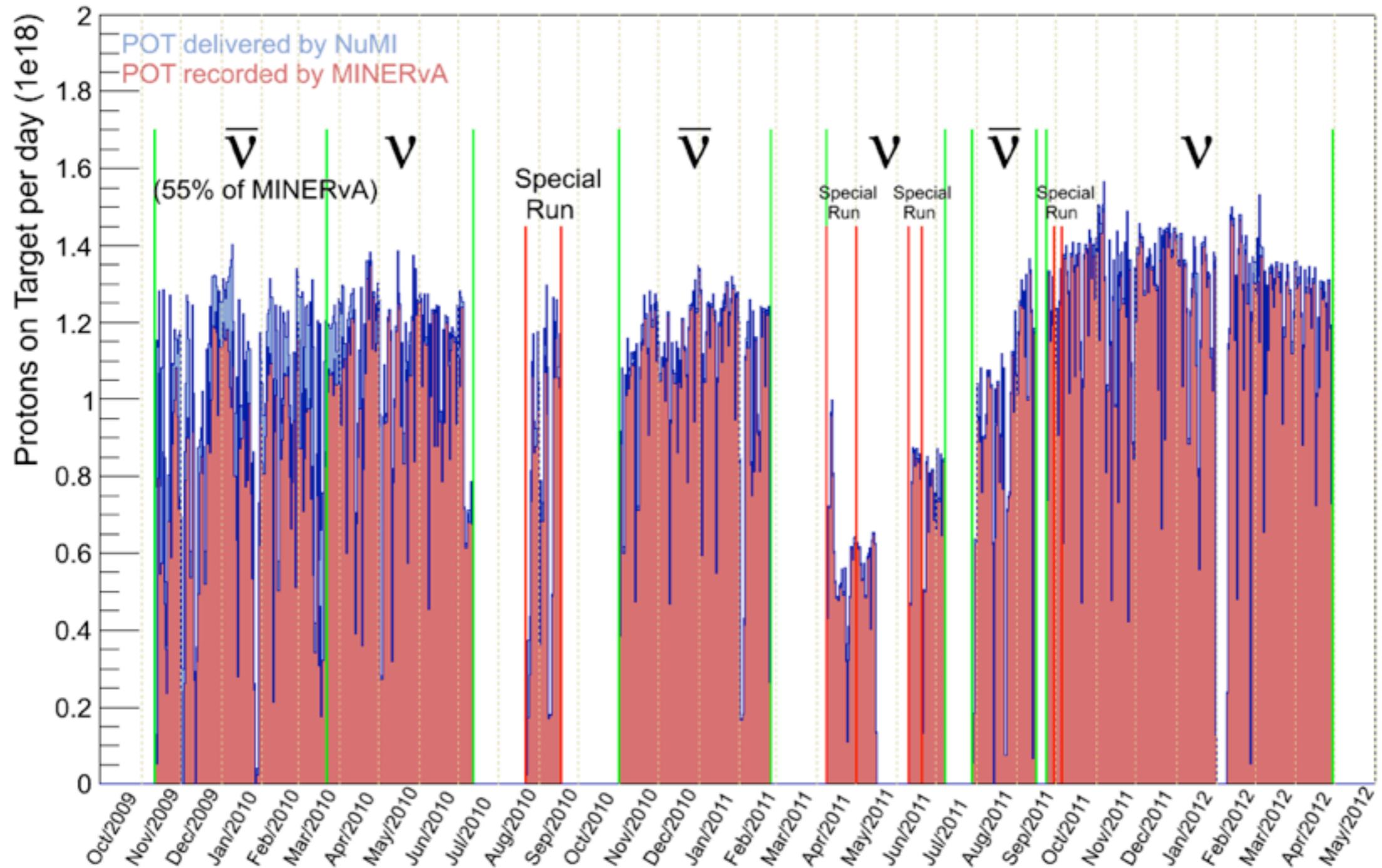
% Live time Mar 22, 2010 - Apr 29, 2012

May 5-12, 2010 and Aug 23-26, 2010 were excluded due MINOS/NuMI problems.

- NuMI:  **$6.1 \times 10^{20}$  POT** delivered.
- MINERvA:  **$5.9 \times 10^{20}$  POT** recorded, **96.8%** total live time.
- Minos: **93.3%** total live time.
- MINOS\*MINERvA total combined live time **90%**.

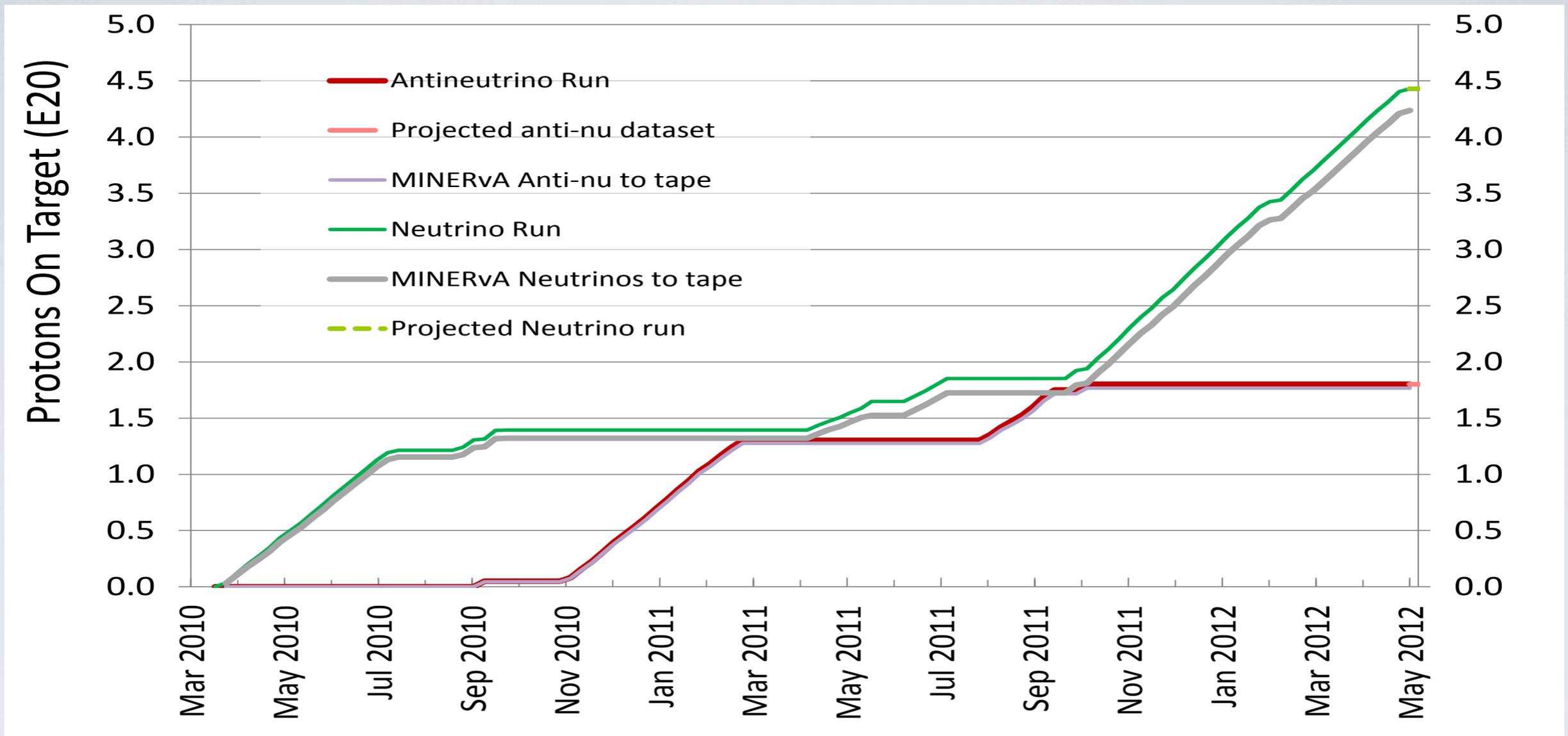


# MINERvA POT/Day Nov. 2009 - Apr. 29, 2012





# Accumulated POT to Mar. 29

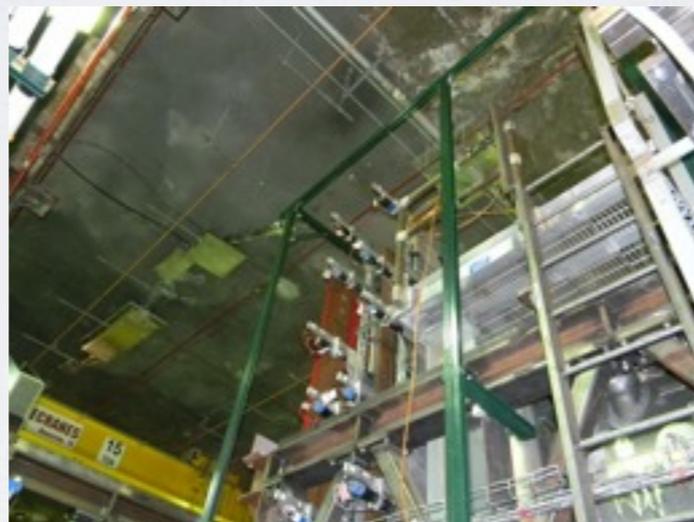


- Anti- $\nu$  run, full scale corresponds to  $5 \times 10^{20}$  POT
- NT02 running gives enough anti- $\nu$  data for doubling of the 1st anti- $\nu$  data set.
- Minerva run, full scale goal is  $4.9 \times 10^{20}$  POT.
  - # for which MINERvA project & experiment were reviewed & the detector built.



# Shutdown Work

- ❖ Past week:
  - ▶ Three PMT's with HV varying problem were replaced.
  - ▶ Distance between water target and neighbor scintillator planes was measured by the Alignment and Metrology Department.
  - ▶ Installation of the rock catcher is underway.



- ❖ For this week: water from water target will be drained.