

# The MINERvA Operations Report

## All Experimenters Meeting

Howard Budd, University of Rochester  
Nov 22, 2010



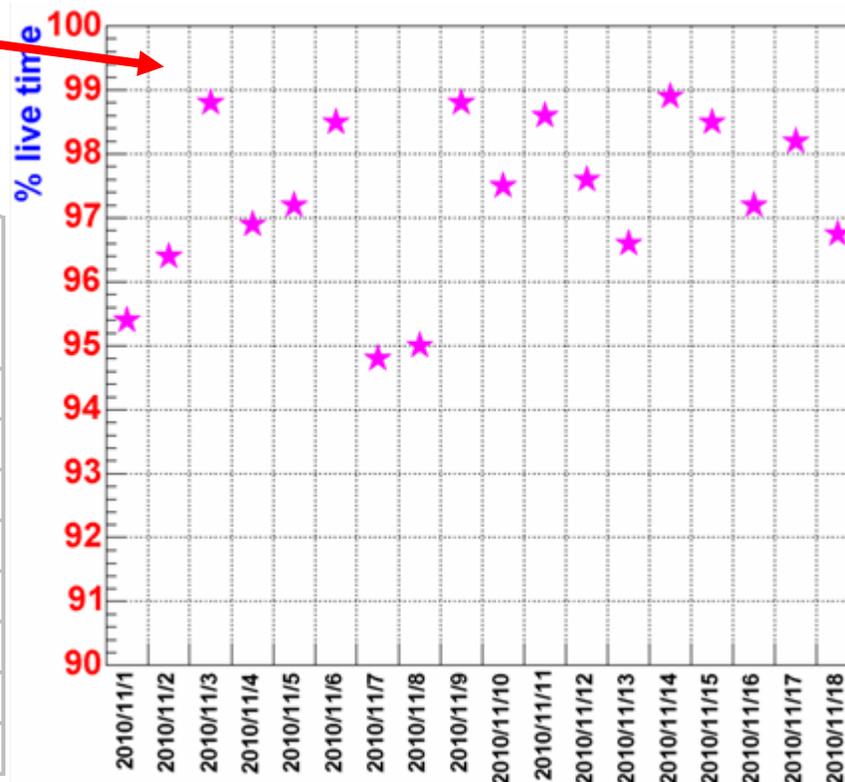
# Anti-v Data



Last Week

% live time  
From start of  
Anti-v run

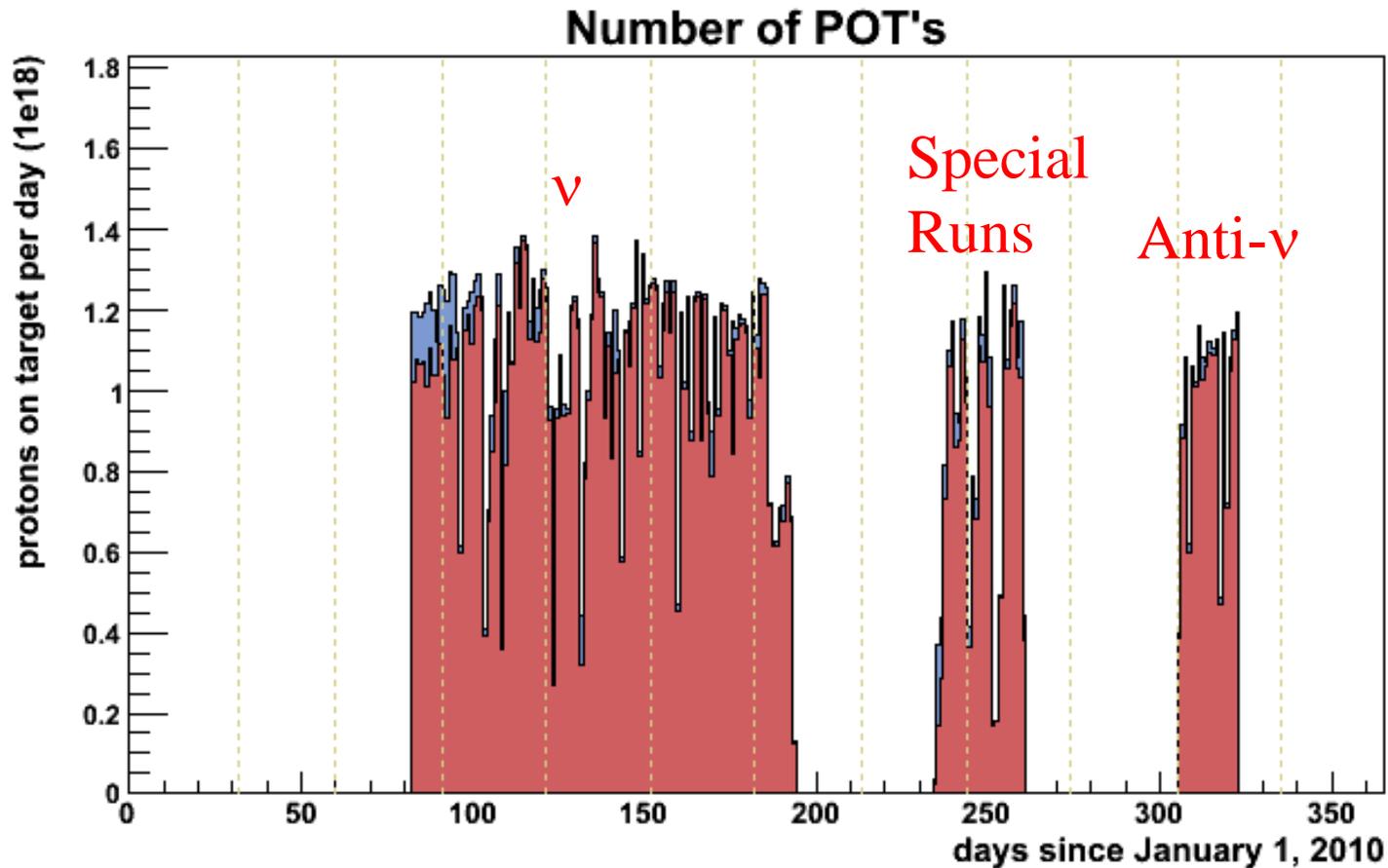
Date	POT Recorded	POT delivered	Live Time
12-Nov-2010	1.10E+018	1.13E+018	97.60%
13-Nov-2010	4.73E+017	4.90E+017	96.60%
14-Nov-2010	1.13E+018	1.14E+018	98.90%
15-Nov-2010	7.12E+017	7.22E+017	98.50%
16-Nov-2010	1.05E+018	1.08E+018	97.20%
17-Nov-2010	1.13E+018	1.15E+018	98.20%
18-Nov-2010	1.16E+018	1.19E+018	96.75%
<b>Total</b>	<b>6.75E+018</b>	<b>6.91E+018</b>	<b>97.74%</b>



- $2.13 \times 10^{19}$  POT delivered from Nov 1 to Nov 21, live time of 97.4% to Nov 18
- DAQ ran without problems during the Feynman outages on Nov 18
- The online monitoring did not work
  - No components failed during this period

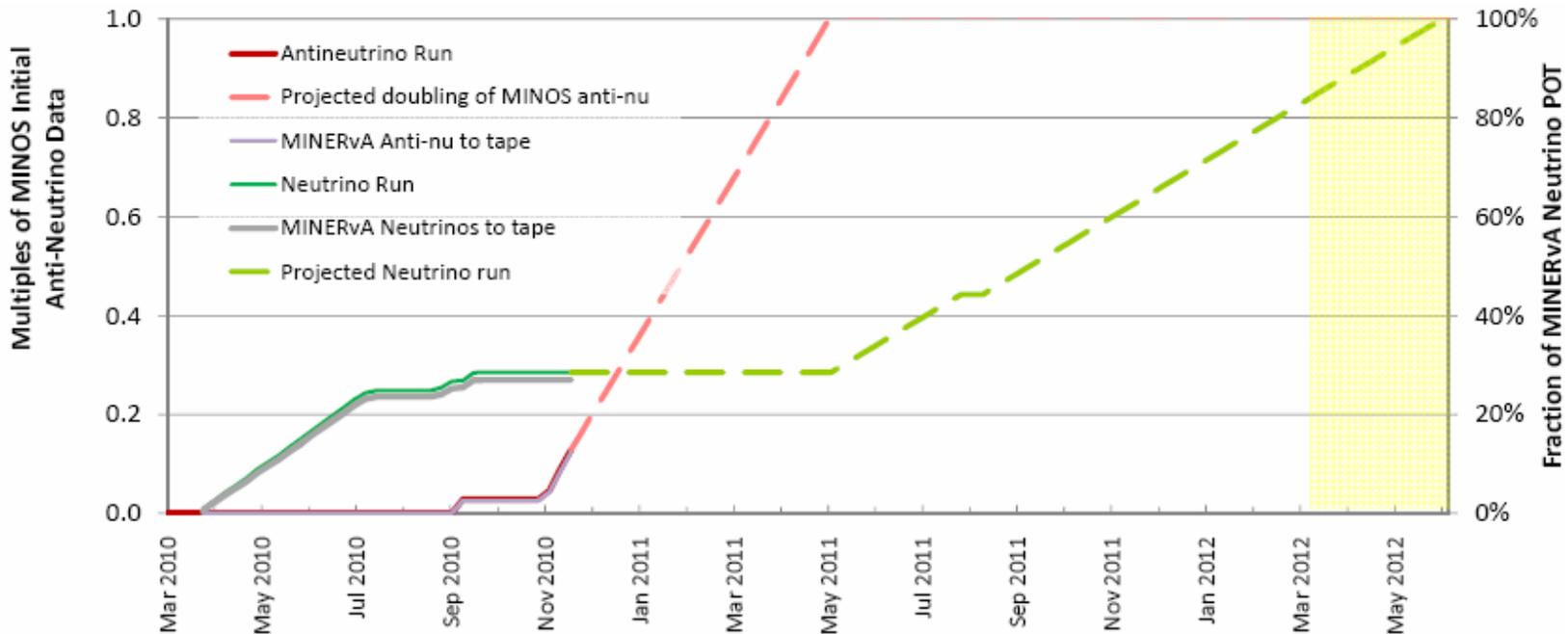


# MINER<sub>v</sub>A POT/Day March 2010 - Present





# Accumulated POT to Nov 18



- Antineutrino run, full scale corresponds to  $1.76 \times 10^{20}$  POT
  - # POT for MINOS collected for anti-nu before Mar 2010, so that full scale corresponds to MINOS doubling their data set.
- Minerva run, full scale corresponds to  $4.9 \times 10^{20}$  POT
  - # of for which MINERvA project and experiment were reviewed and the detector built
- Projected assume  $0.92 \times 10^{18}$  POT per day plus 2 week shutdown to change target
  - # POTs – average over the uptime during the past 1.5 years
  - Actual run plan not yet determined, this is one possible scenario