

The MINERvA Operations Report

All Experimenters Meeting

Howard Budd, University of Rochester
Sep 19, 2011

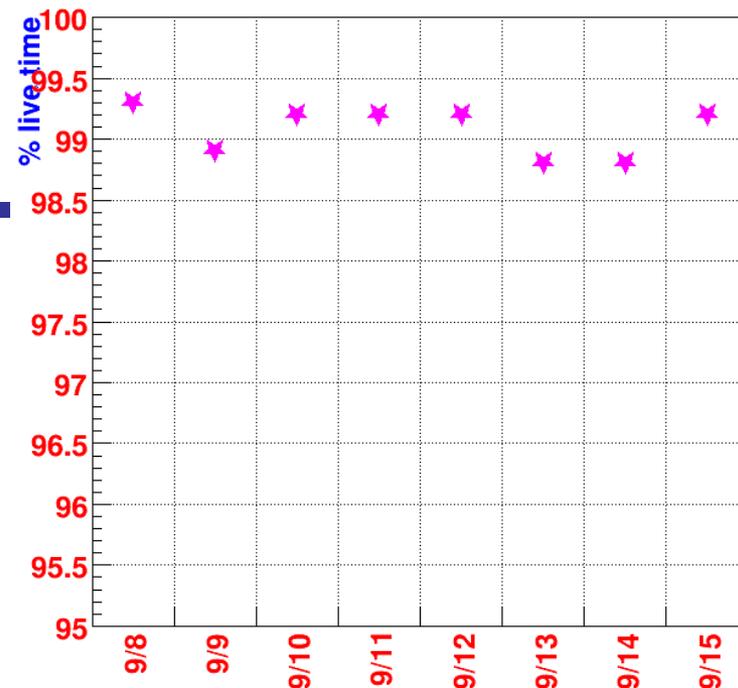




Anti- ν Data

% live time Sep 8 – Sep 15

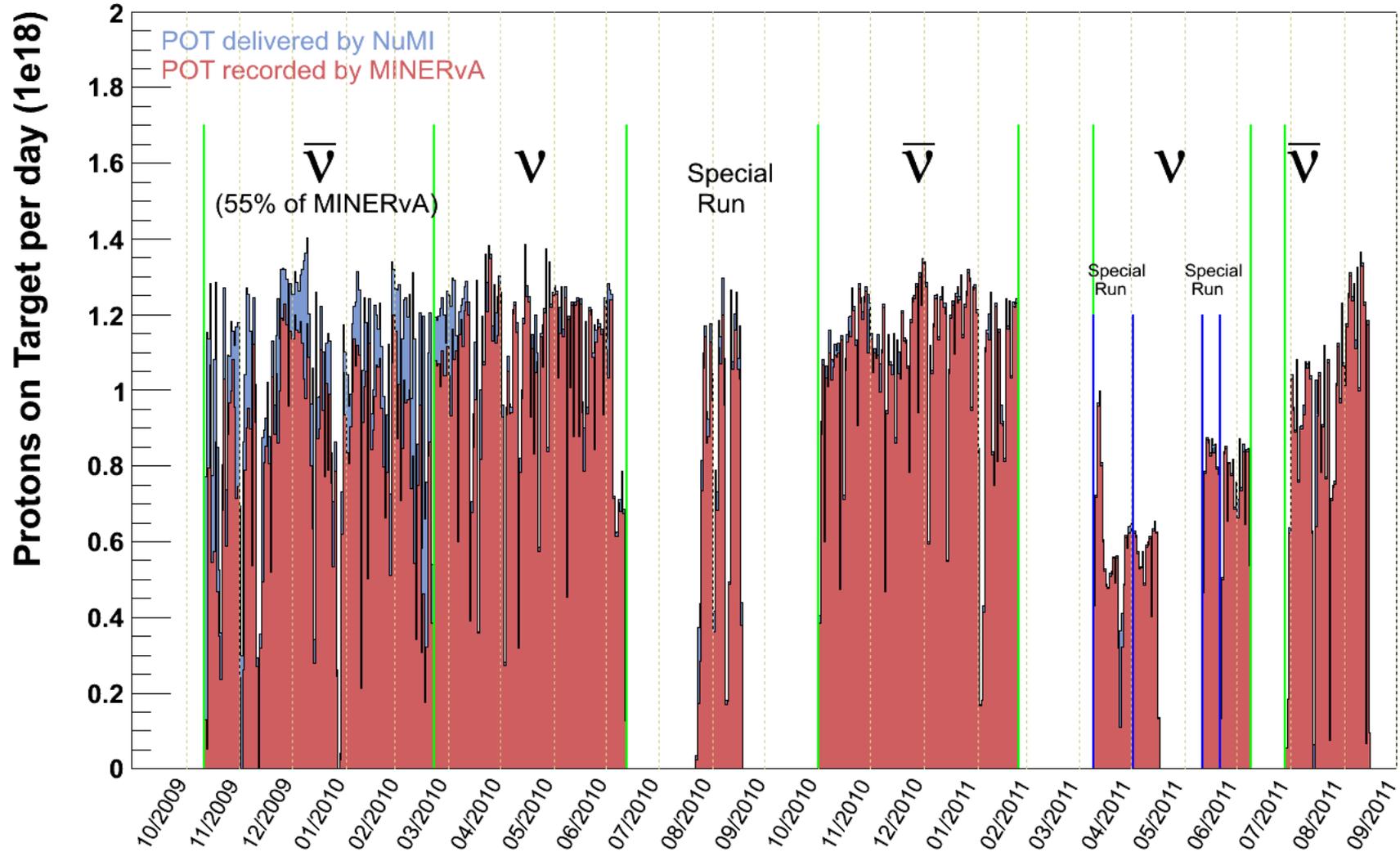
Date	POT Recorded	POT Delivered	Live Time
8-Sep-2011	1.32E+18	1.32E+18	99.3%
9-Sep-2011	9.97E+17	1.01E+18	98.9%
10-Sep-2011	1.35E+18	1.36E+18	99.2%
11-Sep-2011	1.33E+18	1.34E+18	99.2%
12-Sep-2011	1.23E+18	1.23E+18	99.2%
13-Sep-2011	6.78E+16	6.87E+16	98.8%
14-Sep-2011	1.17E+18	1.19E+18	98.8%
15-Sep-2011	9.46E+16	9.53E+16	99.2%
Total	7.55E+18	7.62E+18	99.1%



- Started up in LE10 LE anti- ν mode on July 29 2011
 - Running at 36×10^{12} POT/spill at end of target
 - 4.48×10^{19} POT since Jul 29.
 - 0.26×10^{19} POT from Sep 12-15
- MINERvA is 99.1% live from Sep 8 -15
 - MINOS live time about 97% from Sep 12-15
 - MINERvA 98.1% efficient since 7/29
- We congratulate and thank the target group getting the NT07 ready
- We will be starting up in LE100 ν mode

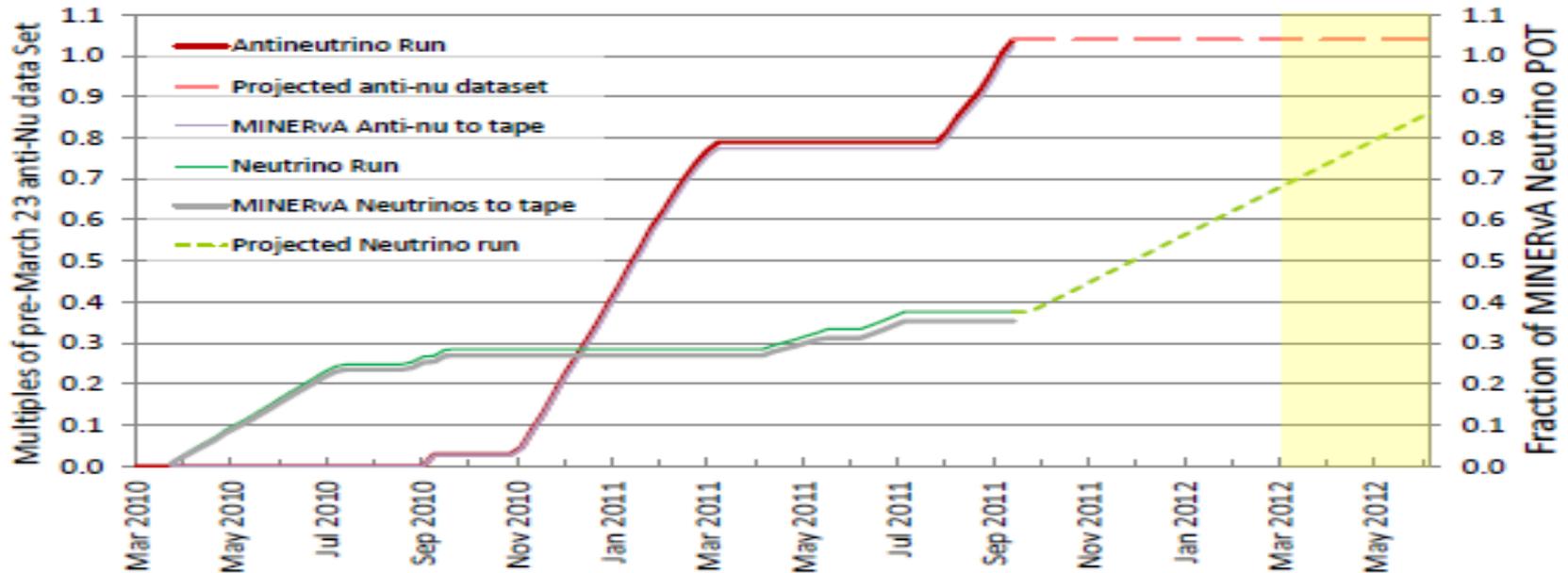


MINERvA POT/Day





Accumulated POT to Sep 15



- Anti- ν run, full scale corresponds to 1.76×10^{20} POT
 - # POT for collected for anti- ν before Mar 23 10, official start of MINERvA ν run
- NT02 running gives enough anti- ν data for doubling of the 1st anti- ν data set.
- Minerva run, full scale corresponds to 4.9×10^{20} POT
 - # for which MINERvA project & experiment were reviewed & the detector built.
- Projected assumes 0.92×10^{18} POT/day
 - # POTs – average over the uptime during the past 1.5 years
 - Actual run plan not yet determined, this is one possible scenario