

# The MINER $\nu$ A Operations Report

## All Experimenters Meeting

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Aug 08, 2011



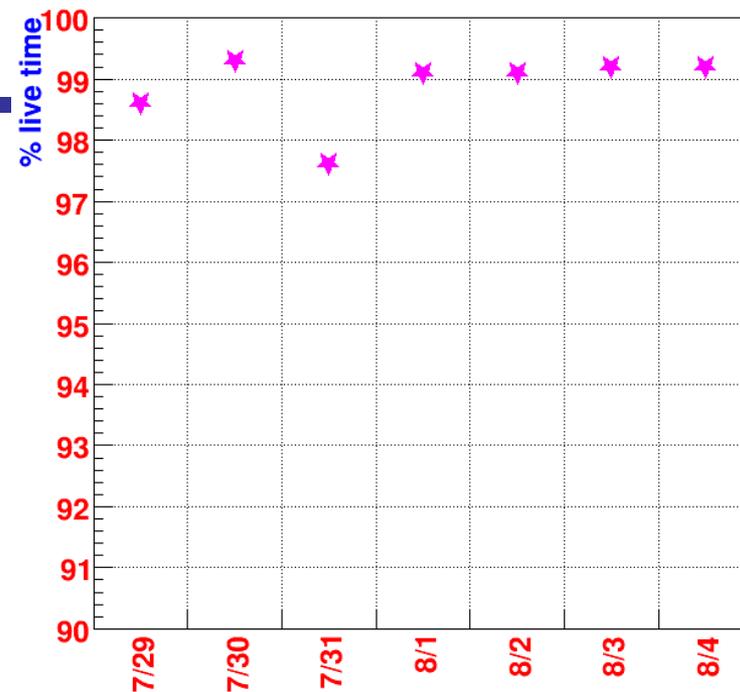


# Anti-n Data



% live time Jul 29 – Aug 4

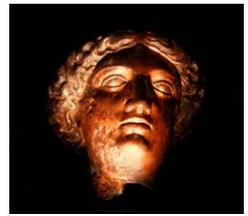
Date	POT Recorded	POT Delivered	Live Time
29-Jul-2011	5.57E+16	5.65E+16	98.6%
30-Jul-2011	1.83E+17	1.85E+17	99.3%
31-Jul-2011	6.22E+17	6.38E+17	97.6%
1-Aug-2011	1.03E+18	1.04E+18	99.1%
2-Aug-2011	9.46E+17	9.54E+17	99.1%
3-Aug-2011	8.89E+17	8.96E+17	99.2%
4-Aug-2011	1.07E+18	1.08E+18	99.2%
<b>Total</b>	<b>4.80E+18</b>	<b>4.85E+18</b>	<b>99.0%</b>



- Started up in LE10 LE anti-v mode on July 29 2011
  - $0.74 \times 10^{19}$  POT from Jul 29.
  - $0.65 \times 10^{19}$  POT from Aug 1-8.
- 99.0% live from Jul 29 – Aug 4
  - MINOS live time is 98.3% from Aug 1-8
- Target is fine, No He leak.



# Helium Target

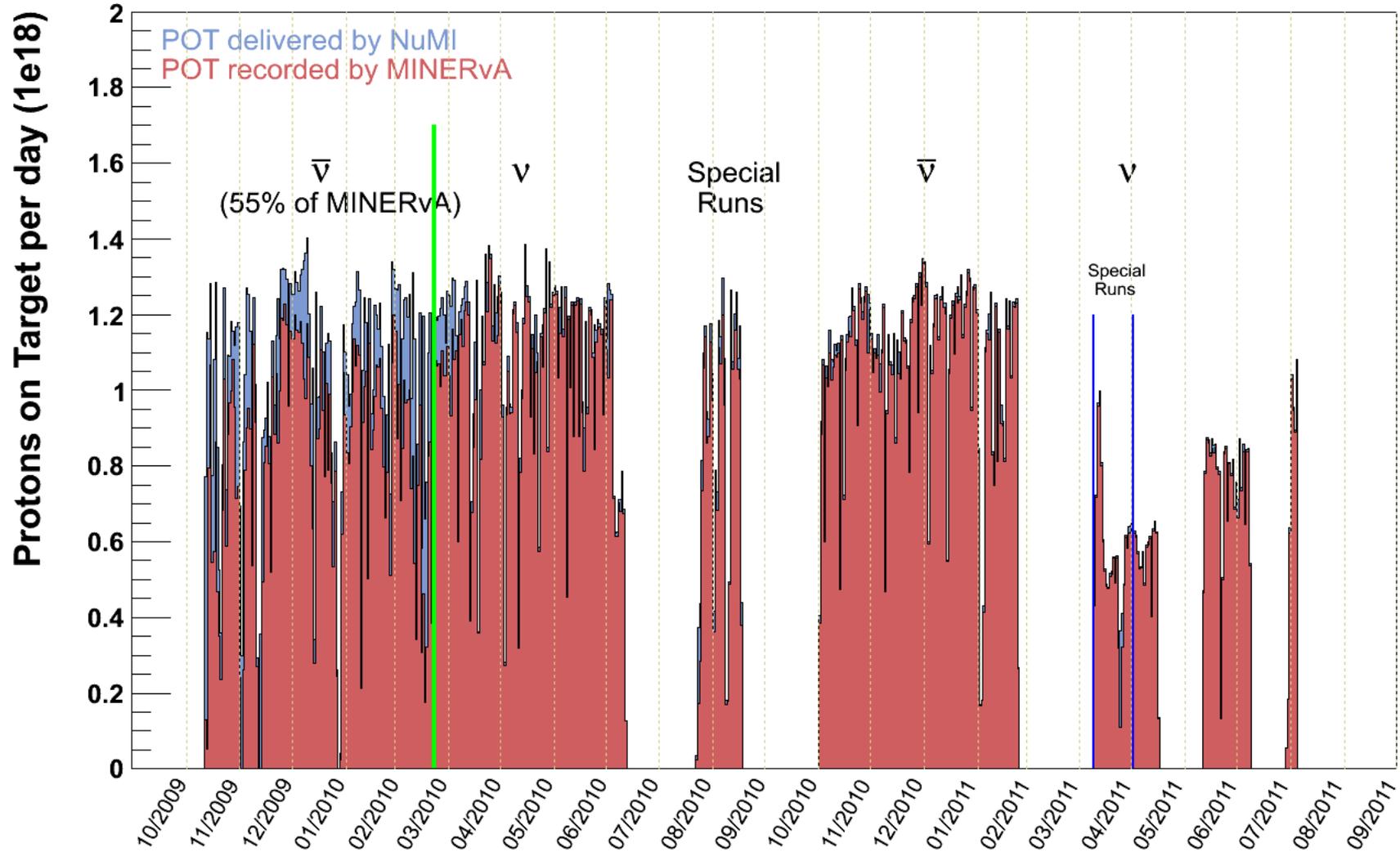


- The small refrigerator spent the weekend cooling the heat shield
- The 1<sup>st</sup> dewar of liquified helium will be put into the target this today.
- Target should be filled the rest of the week
- Next week it should be running

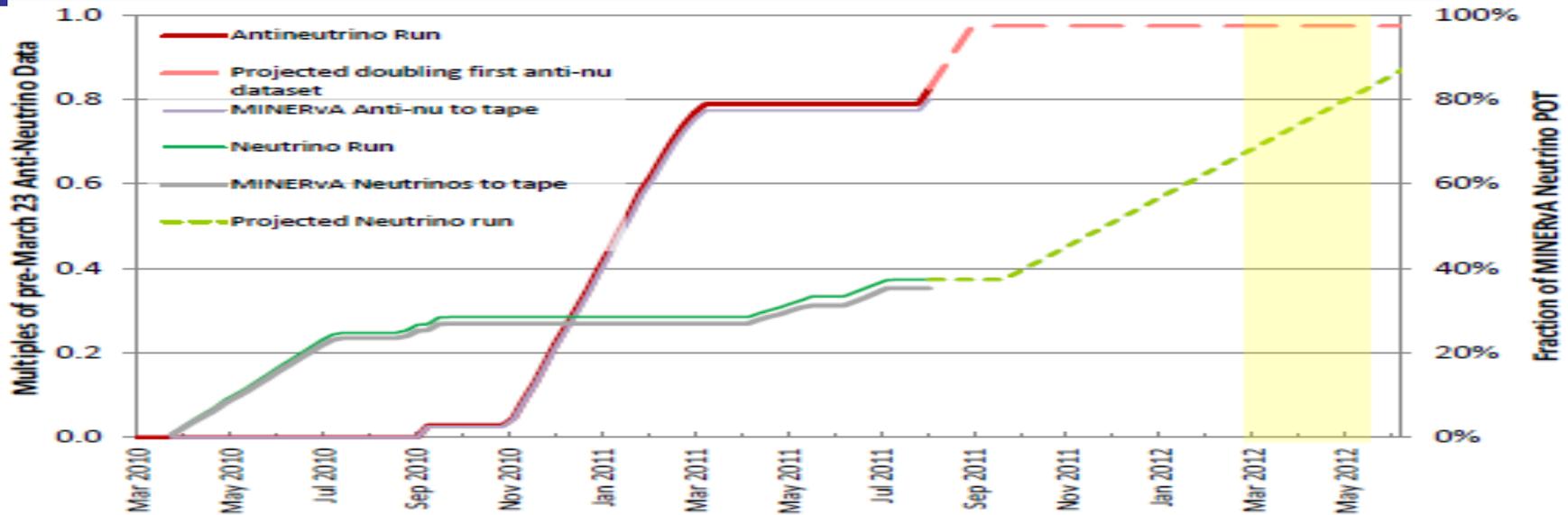




# MINERvA POT/Day



# Accumulated POT to Aug 4



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