

# The MINERvA Operations Report

## All Experimenters Meeting

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Feb 14, 2011



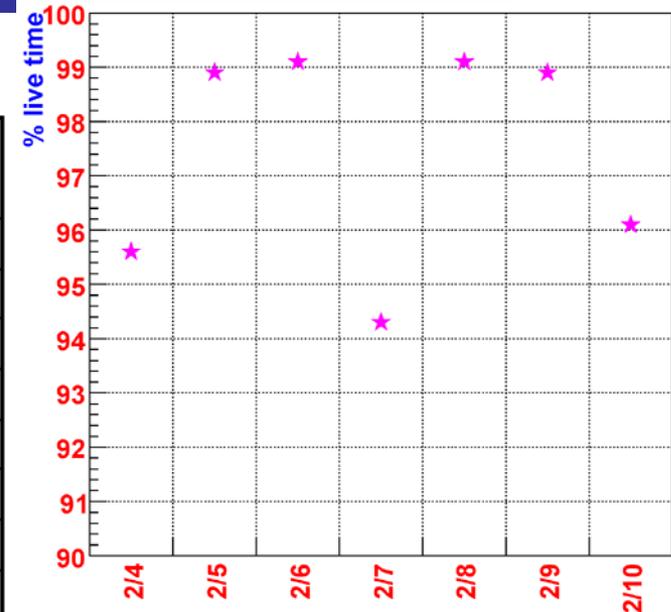


# Anti-ν Data



% live time Feb 4 to Feb 10

Date	POT Recorded	POT Delivered	Live Time	Comment
4-Feb-2011	4.13E+017	4.32E+017	95.6%	RC
5-Feb-2011	1.10E+018	1.11E+018	98.9%	
6-Feb-2011	1.15E+018	1.16E+018	99.1%	
7-Feb-2011	1.13E+018	1.20E+018	94.3%	Veto & RC
8-Feb-2011	1.25E+018	1.26E+018	99.1%	
9-Feb-2011	8.29E+017	8.38E+017	98.9%	
10-Feb-2011	7.51E+017	7.81E+017	96.1%	RC
<b>Total</b>	<b>6.63E+018</b>	<b>6.79E+018</b>	<b>97.6%</b>	



- $.679 \times 10^{19}$  POT delivered from Feb 4 to Feb 10
- 97.6% live from Jan Feb 4 to Feb 10
- $11.39 \times 10^{19}$  POT delivered from Nov 1 to Feb 13
- 98.1% live from Nov 1 to Feb 10
- Previous week updates to Run Control for Remote Shifting have caused occasional downtimes.
- Feb 7 disconnect veto counters from MINERνA electronics in anticipation of putting in the He target stand



# Helium Target

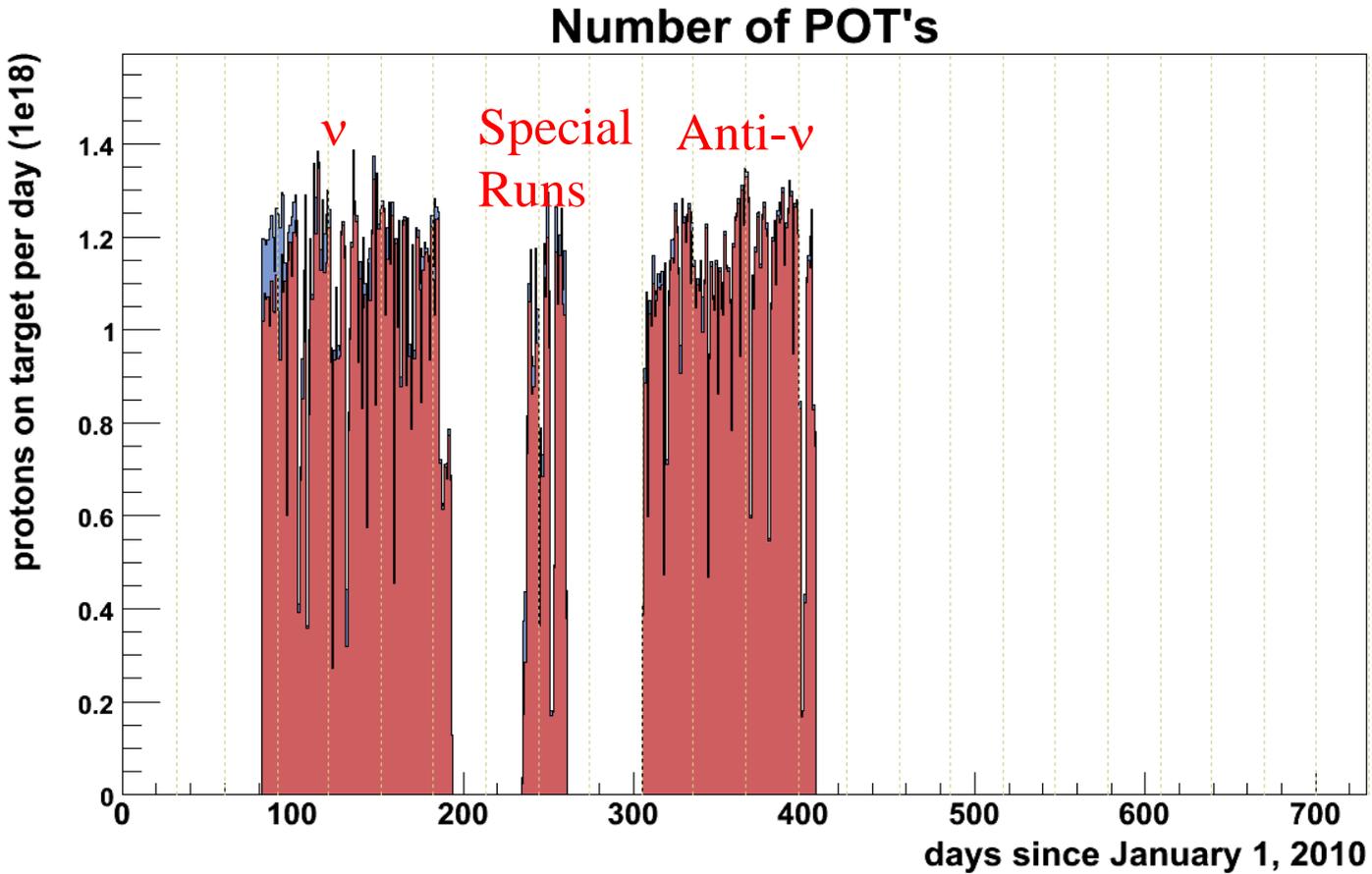
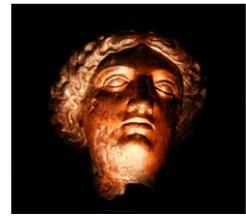


Helium target in Lab F

- He Target Stand in MINOS Hall, Same one as in Lab F.
- Target passed leak test.
- The target could be installed in MINOS Hall as early as the end of next week

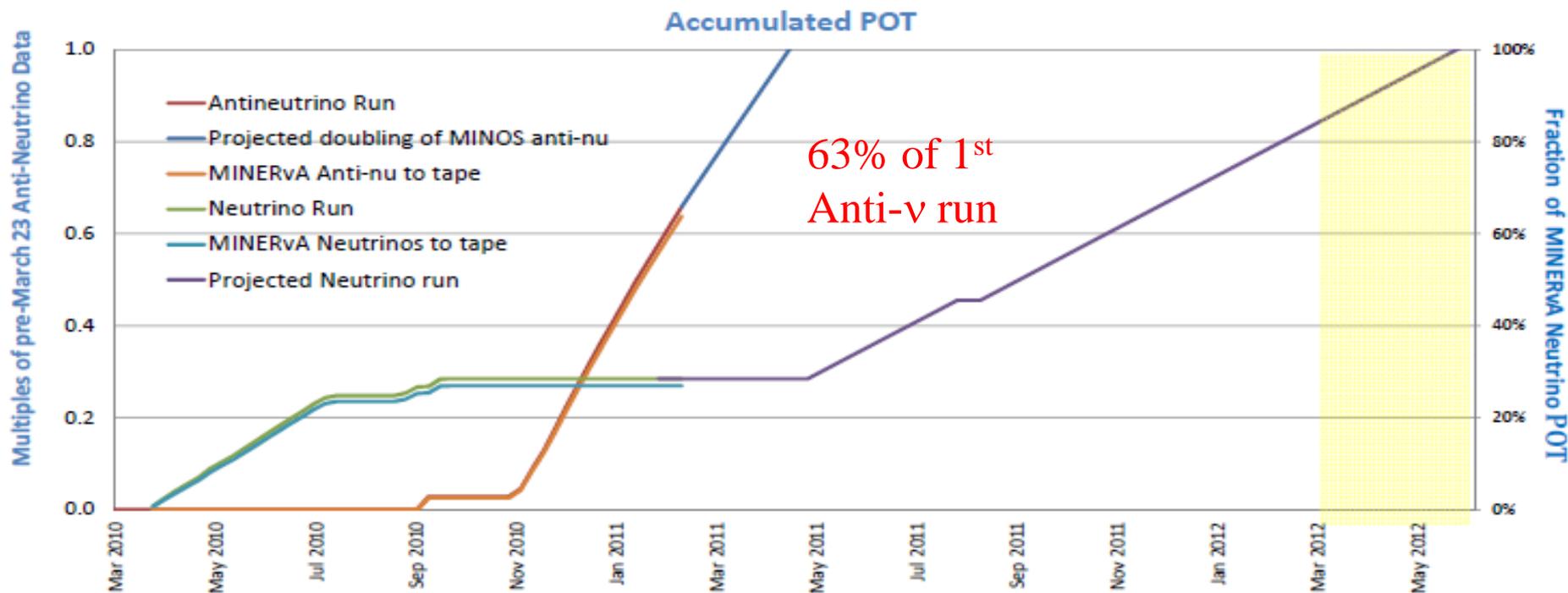


# MINERnA POT/Day March 2010 - Present





# Accumulated POT to Feb 10



- 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 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