

MINERνA Operations Report

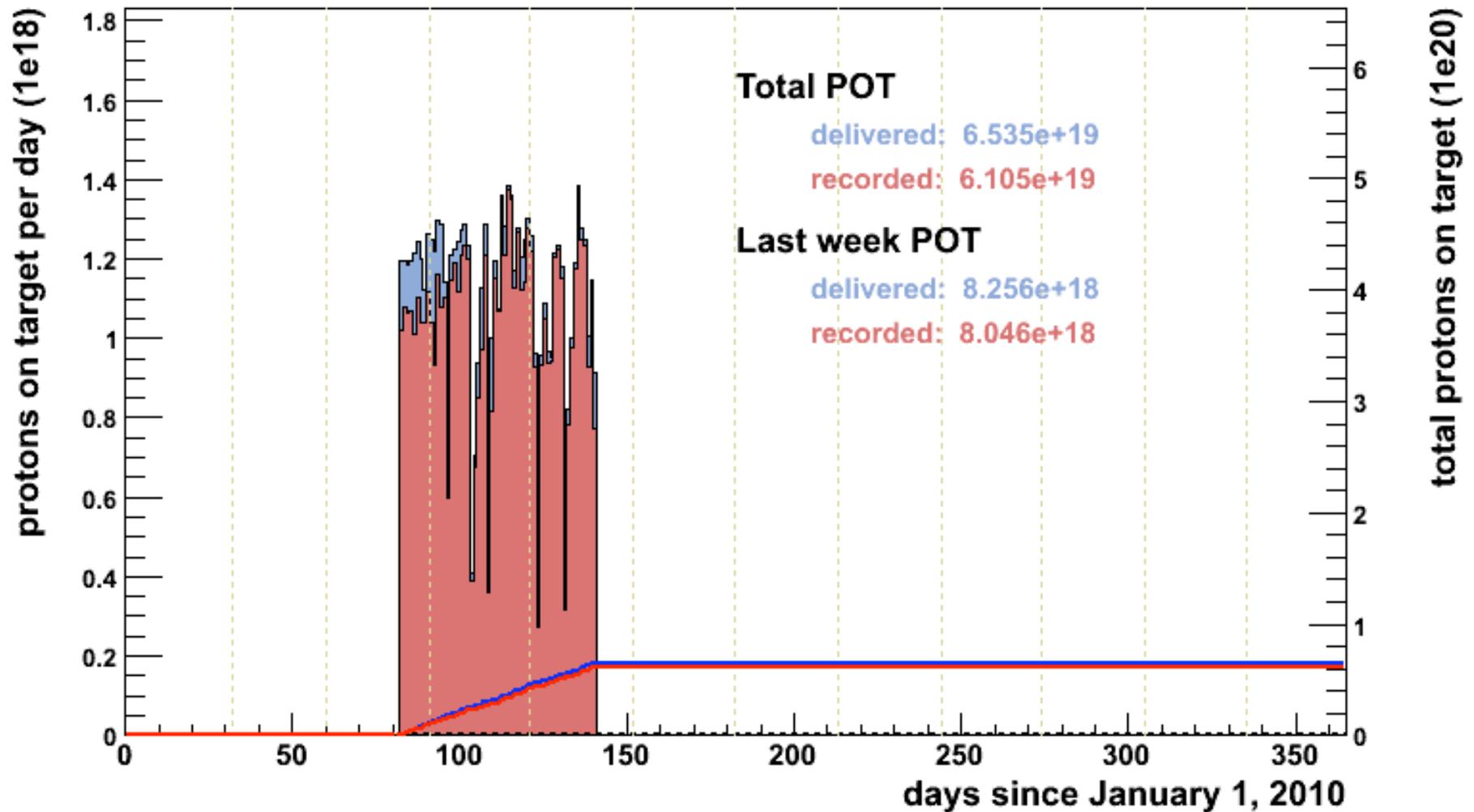
Fermilab AEM

May 24, 2010

Dave Schmitz, Fermilab

MINERνA Low Energy Neutrino Run

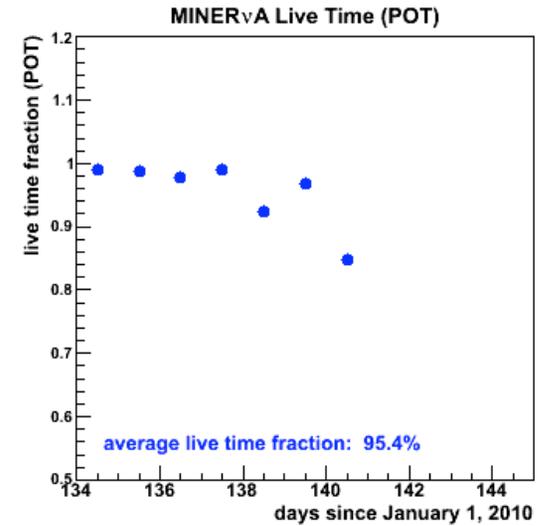
March, 2010 - Present



Now calculating live time directly against NuMI beamline data acquired from ACNET instead of through MINOS data stream

Efficiency for connecting to MINOS data is calculated separately

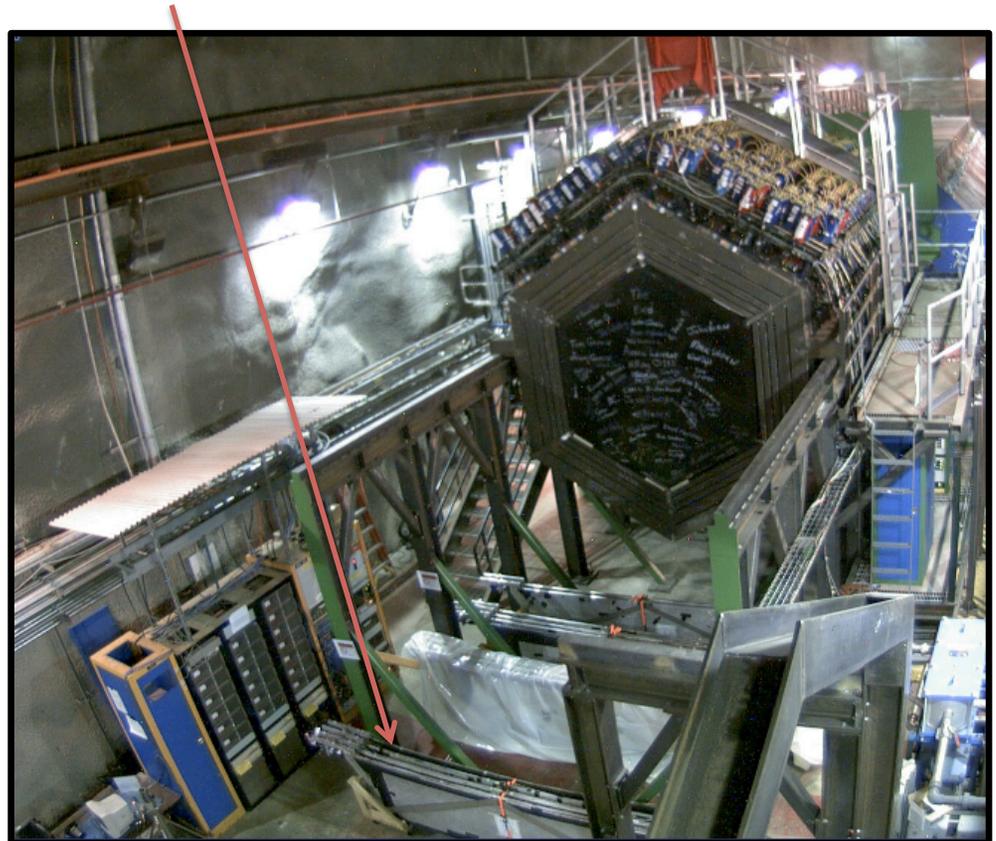
Still a few days behind in processing. Setting up better keep-up processing.



date	recorded POT	Live Time	comments
May 14	1.17756e+18	99.0%	
May 15	1.3689e+18	98.8%	
May 16	1.3689e+18	97.8%	
May 17	1.23307e+18	98.9%	
May 18	0.930508e+18	92.3%	
May 19	1.10944e+18	96.7%	
May 20	0.77353e+18	84.7%	PMT swap
	8.0e+18	95.4%	

Notes & Summary

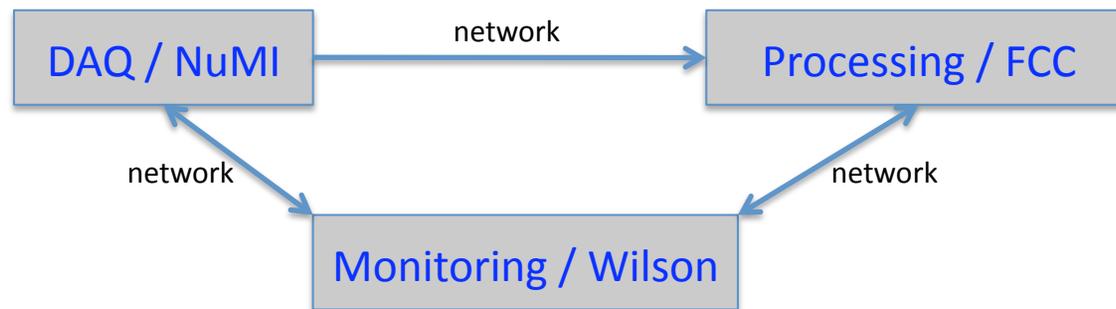
- Last Week
 - Hooked in panels of MINERvA veto wall to DAQ for testing, but not in final positions
 - Veto wall is needed after cryogenic target installed in fall
 - Replaced 1 (of 491) PMTs on Thursday



Notes & Summary

- This week:

- Normal running
- Water target I spoke about last week has arrived, will be tested this week
- Work to make sure we are prepared for Wilson Hall power outage scheduled for Saturday, June 5.
- MINERvA has been developing facilities for remote operations, but none have yet been deployed



- MINERvA detector has recorded **0.6e20 POT** worth of physics data between *March 22* and *May 20*