

The MINERvA Operations Report

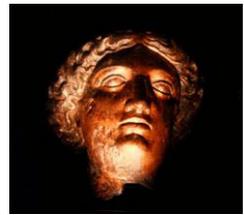
All Experimenters Meeting

Howard Budd, University of Rochester
Apr 11, 2011





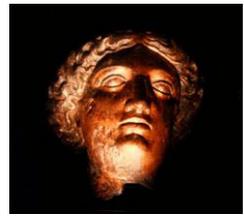
NuMI Target



- We would like to thank Kris Anderson, Jim Hysten, and the NuMI beam crew for working so hard to improve the new target prior to installation. They did a very impressive job in preparing the target for neutrino beam.



v Data

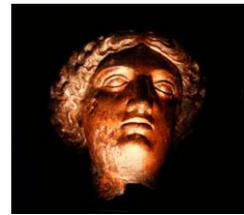


Date	POT Delivered
9-Apr-2011	4.36E+017
10-Apr-2011	7.23E+017
Total	1.16E+018

- Beam started FHC mode
- Beam started up just before noon on Apr 9
- The detector came up with no problem
- Beam ran smoothly over the weekend
- 0.12×10^{19} POT delivered from Feb 9-10
- Next AEM we will include live time for this



Helium Target

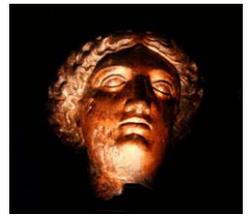


- During shutdown most of work on MINERvA was on He Target
- Most of mechanical work finished
- Electronics techs wiring up controls and instruments now
- Safety approval permitting, cool down and fill can start 4/18, takes ~2 wks
- Thanks to John Voirin and his crew of magicians for this work!
- Thanks to MINOS for working with us with on some issues associated with the installation of the target





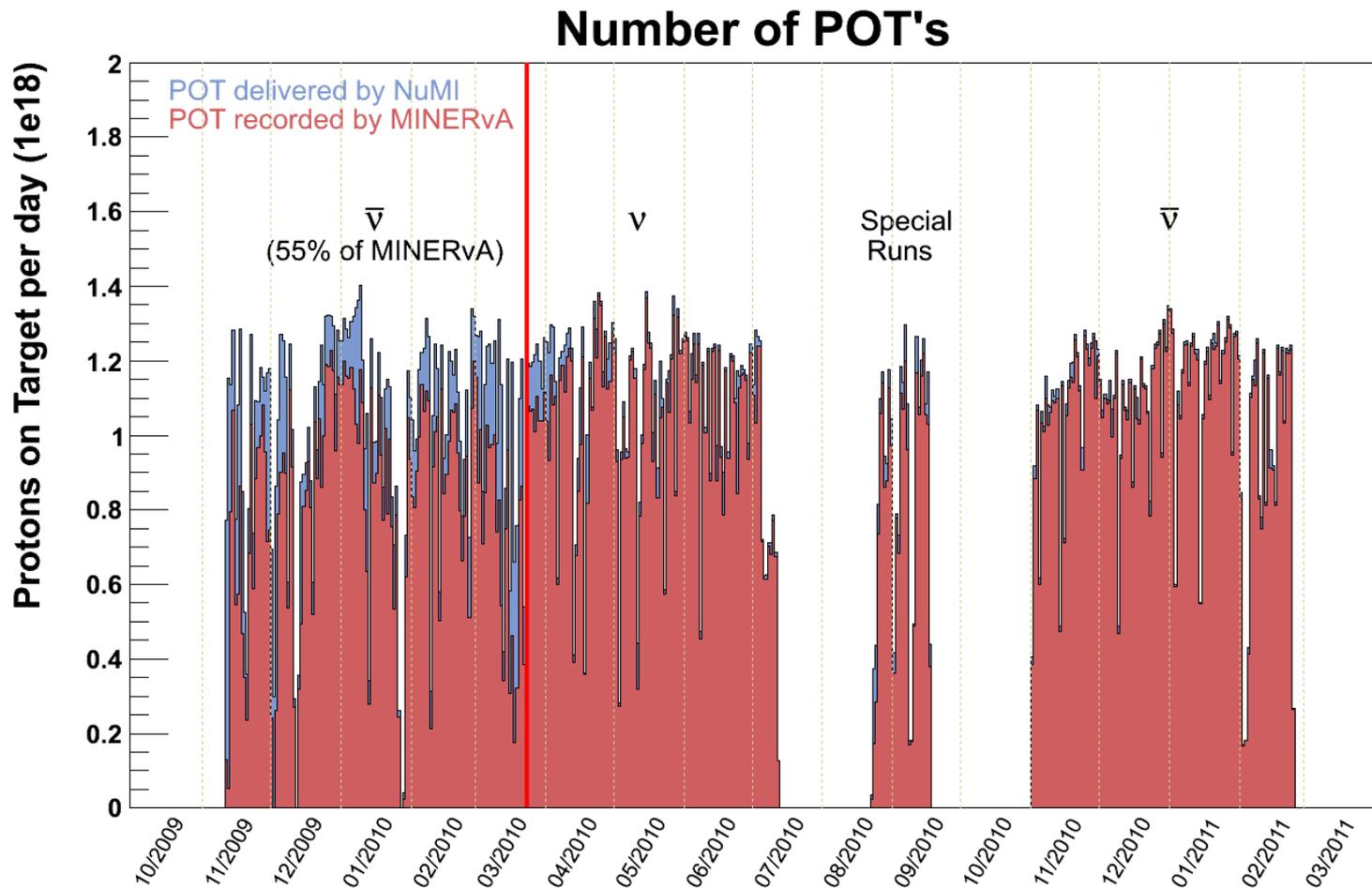
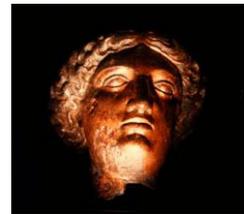
Shutdown



- The MINERvA detector was not changed during the shutdown.
- We improved the online monitoring, so now we can quickly determine whether all components are working without beam.
 - These changes don't give us much additional information with beam.



MINERvA POT/Day Nov 2009 - Present





Part II of the award ceremony in Washington...

