

The MINERvA Operations Report

All Experimenters Meeting

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Jan 31, 2011



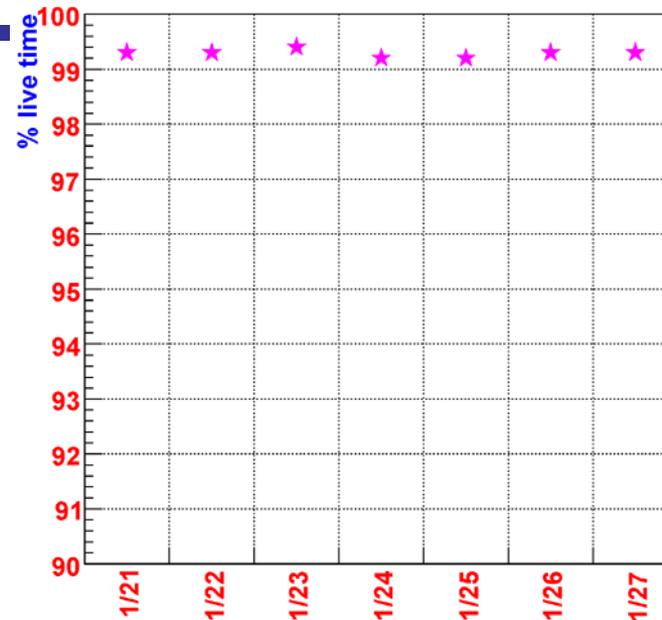


Anti-ν Data



% live time Jan 21 to Jan 27

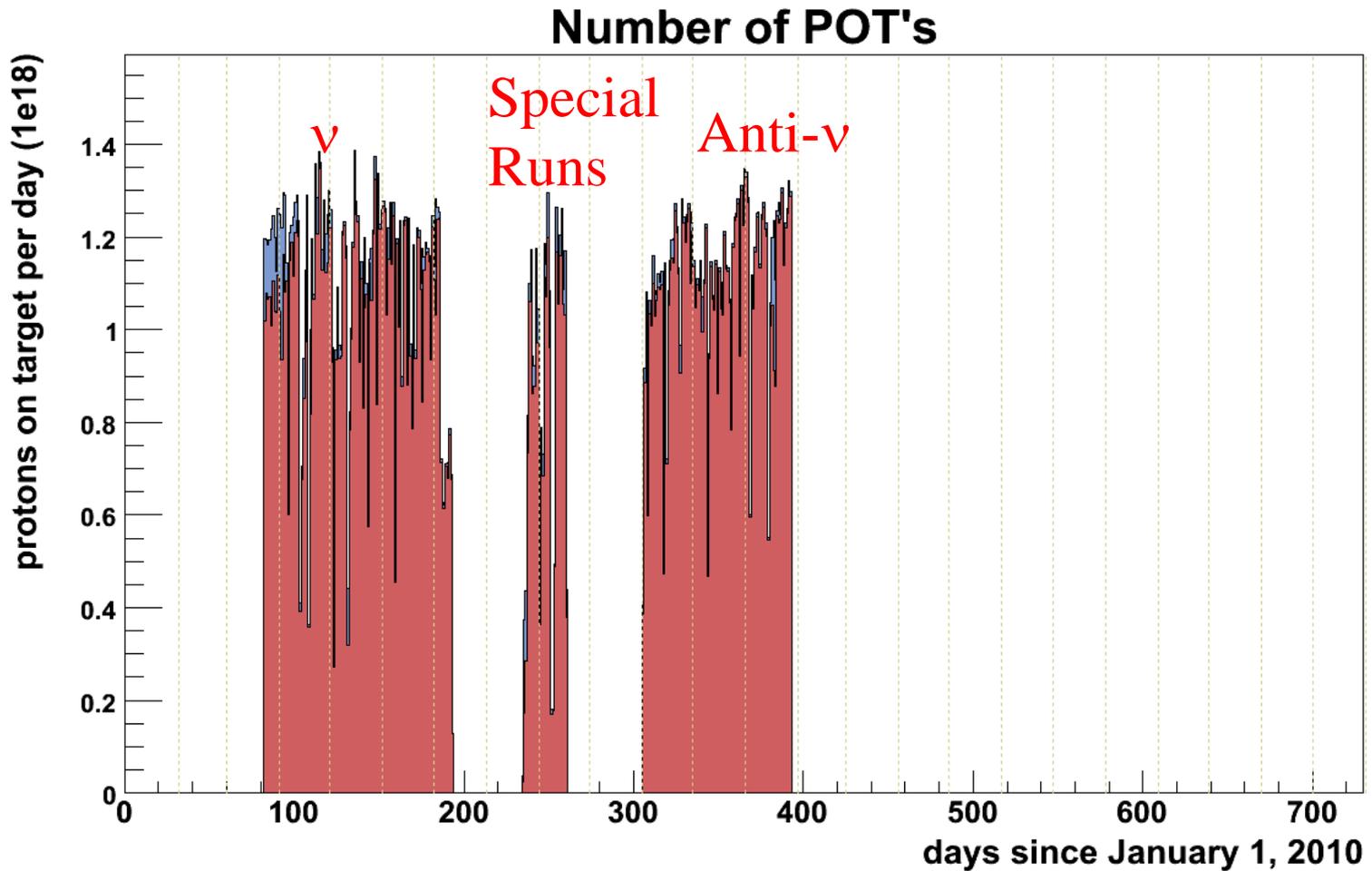
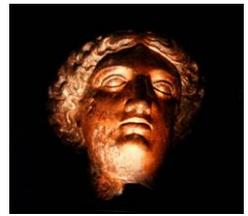
Date	POT Recorded	POT Delivered	Live Time
21-Jan-2011	1.24E+018	1.25E+018	99.3%
22-Jan-2011	1.30E+018	1.31E+018	99.3%
23-Jan-2011	1.14E+018	1.15E+018	99.4%
24-Jan-2011	1.22E+018	1.23E+018	99.2%
25-Jan-2011	1.25E+018	1.26E+018	99.2%
26-Jan-2011	1.31E+018	1.32E+018	99.3%
27-Jan-2011	1.29E+018	1.30E+018	99.3%
Total	8.74E+018	8.81E+018	99.3%



- $.881 \times 10^{19}$ POT Delivered from Jan 21 to Jan 27
- 99.3% live from Jan 21 to Jan 27
- 10.15×10^{19} POT delivered from Nov 1 to Jan 30,
- 97.4% live from Nov 1 to Jan 27
 - some files not processed, so it should be a bit higher
- Changing of the MINOS magnet polarity changes our mu acceptance into MINOS by a little slightly less 20%
- If there is a NuMI downtime, we have a couple of tasks to do

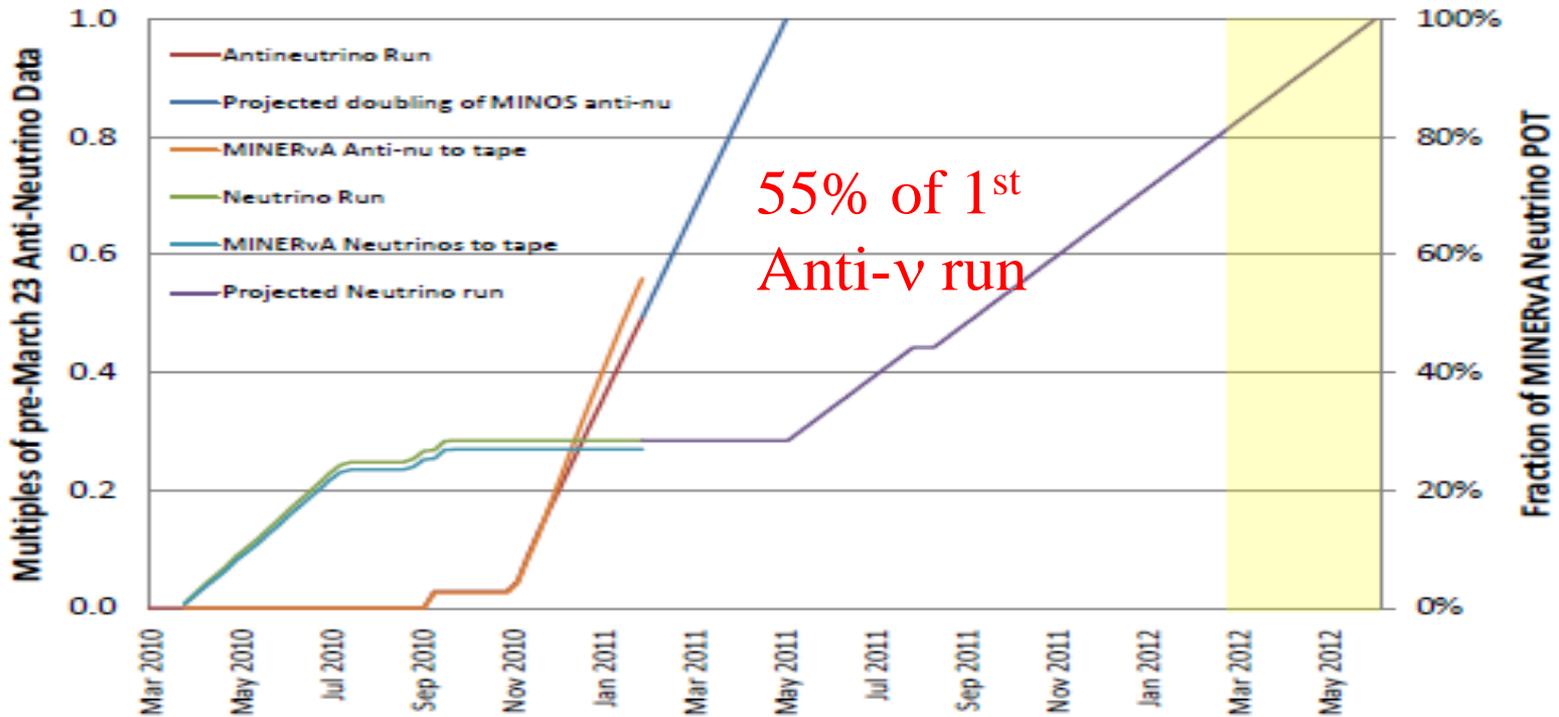


MINER ν A POT/Day March 2010 - Present





Accumulated POT to Jan 27



- 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
- 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 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