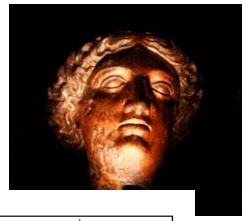
The MINERνA Operations Report
All Experimenters Meeting

Howard Budd, University of Rochester

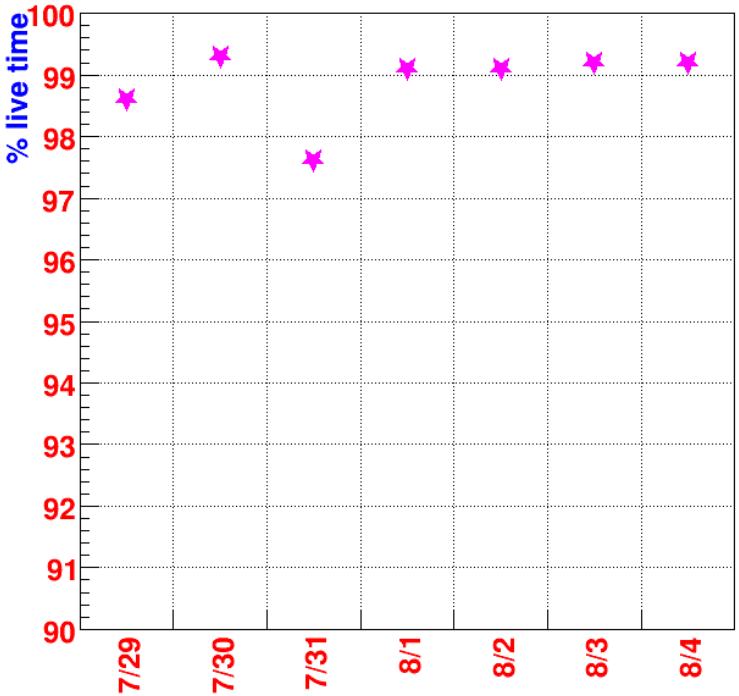
Aug 08, 2011

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%
Total	**4.80E+18**	**4.85E+18**	**99.0%**

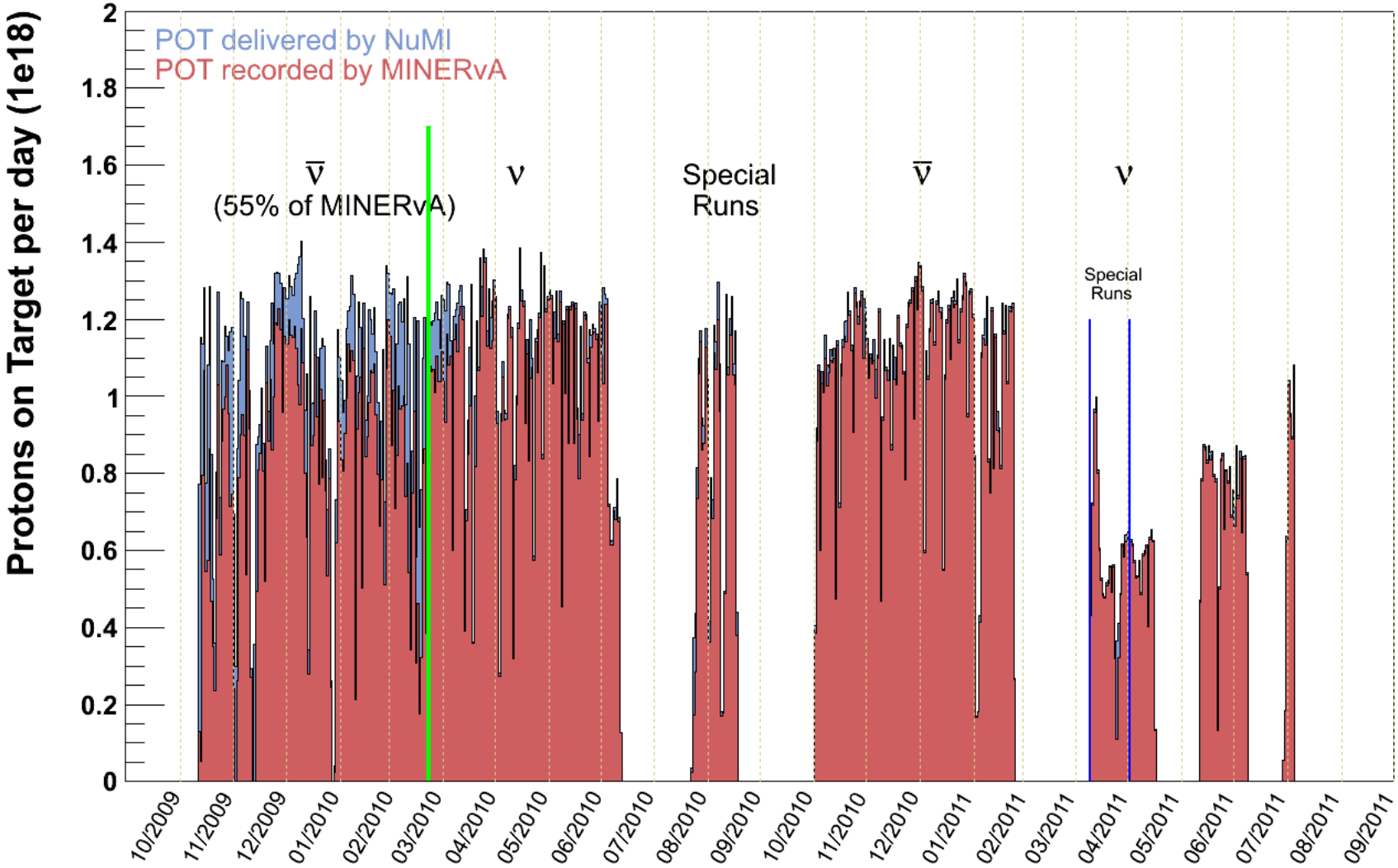


- Started up in LE10 LE anti-ν mode on July 29 2011
  - 0.74×10^{19} POT from Jul 29.
  - 0.65×10^{19} POT from Aug 1-8.
- 99.0% live from Jul 29 – Aug 4
  - MINOS live time is 98.3% from Aug 1-8
- NuMI target is fine, No He leak.

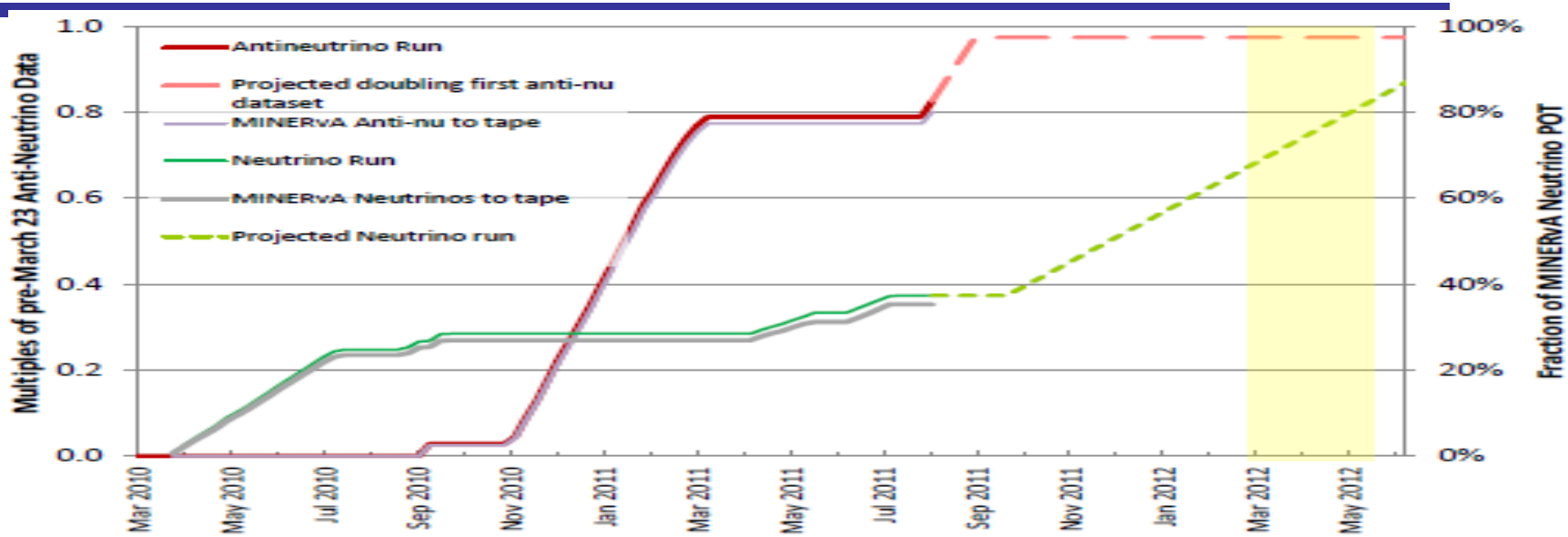
Helium Target

- The small refrigerator spent th eweekend colling the heat shield
- The 1st dewar of liquied helium will be put into the target this today.
- Target should be filled by the end of the week
- Next week we should be running with the He target

MINERνA POT/Day



Accumulated POT to Aug 4



- 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 MINERνA 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
  - # POTs – average over the uptime during the past 1.5 years
  - Actual run plan not yet determined, this is one possible scenario