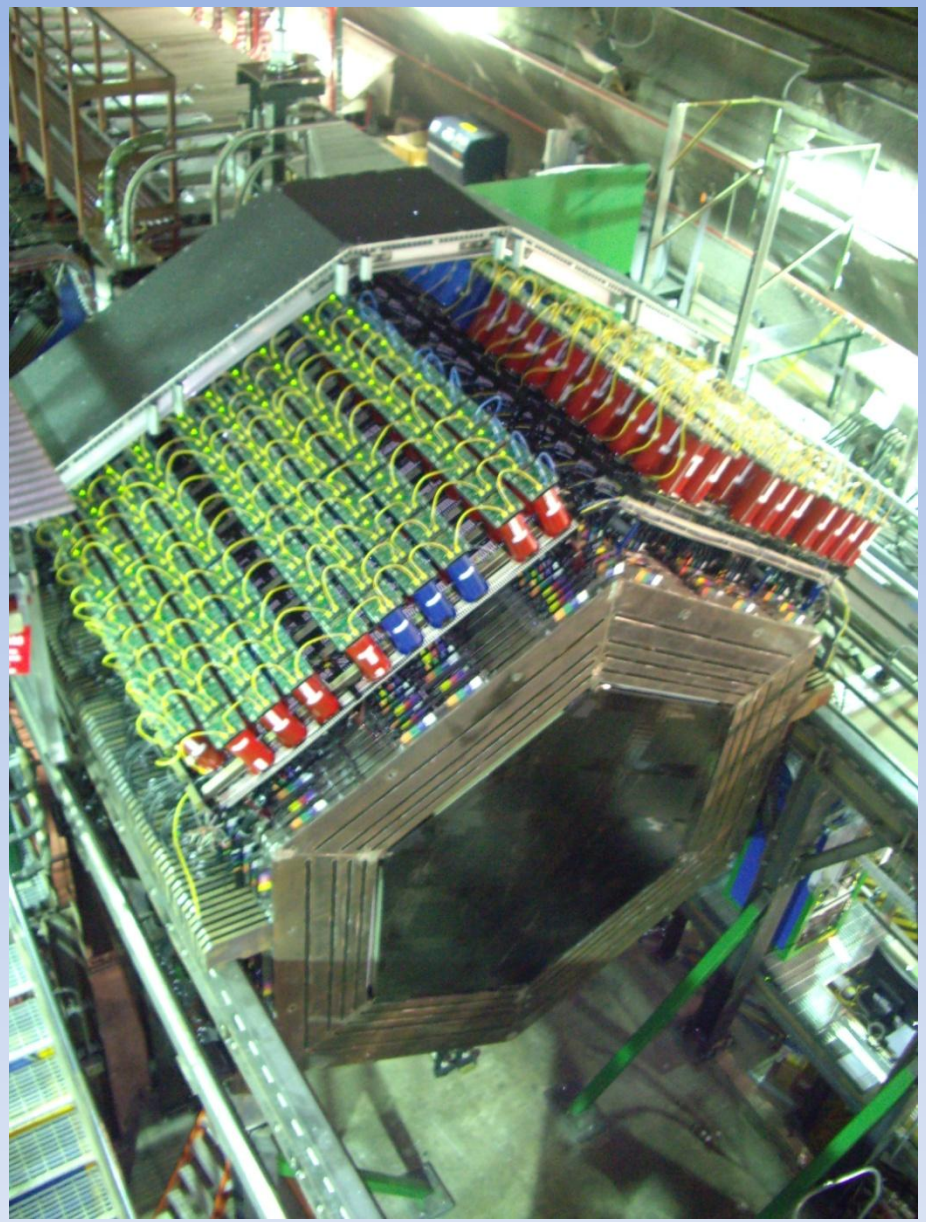


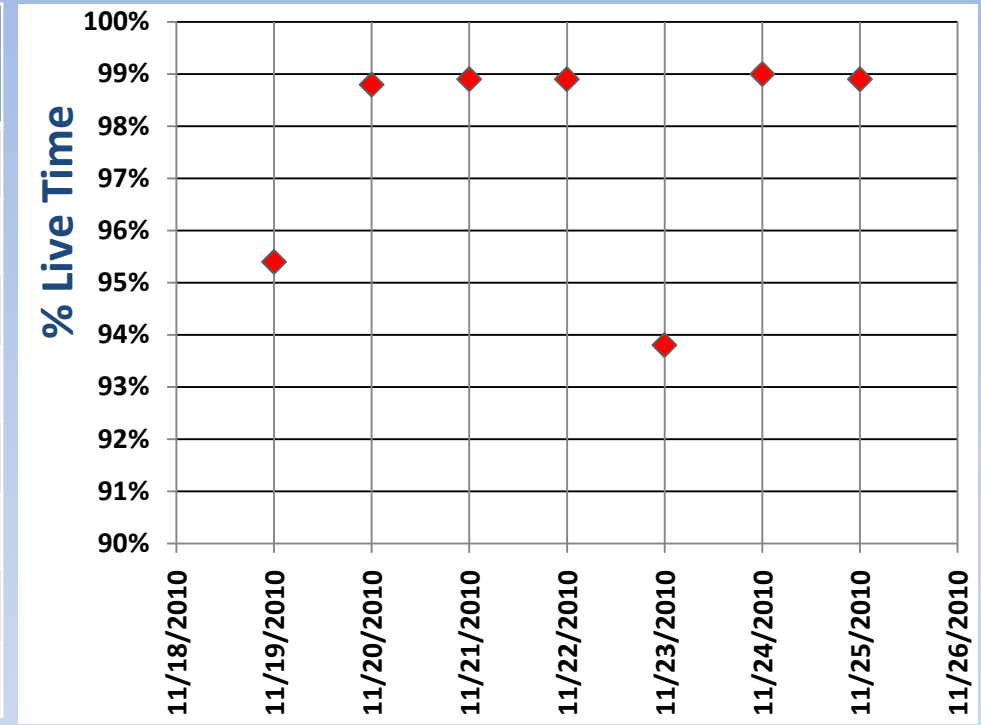
The MINERνA Operations Report

César Castromonte

All Experimenters Meeting, November 29, 2010

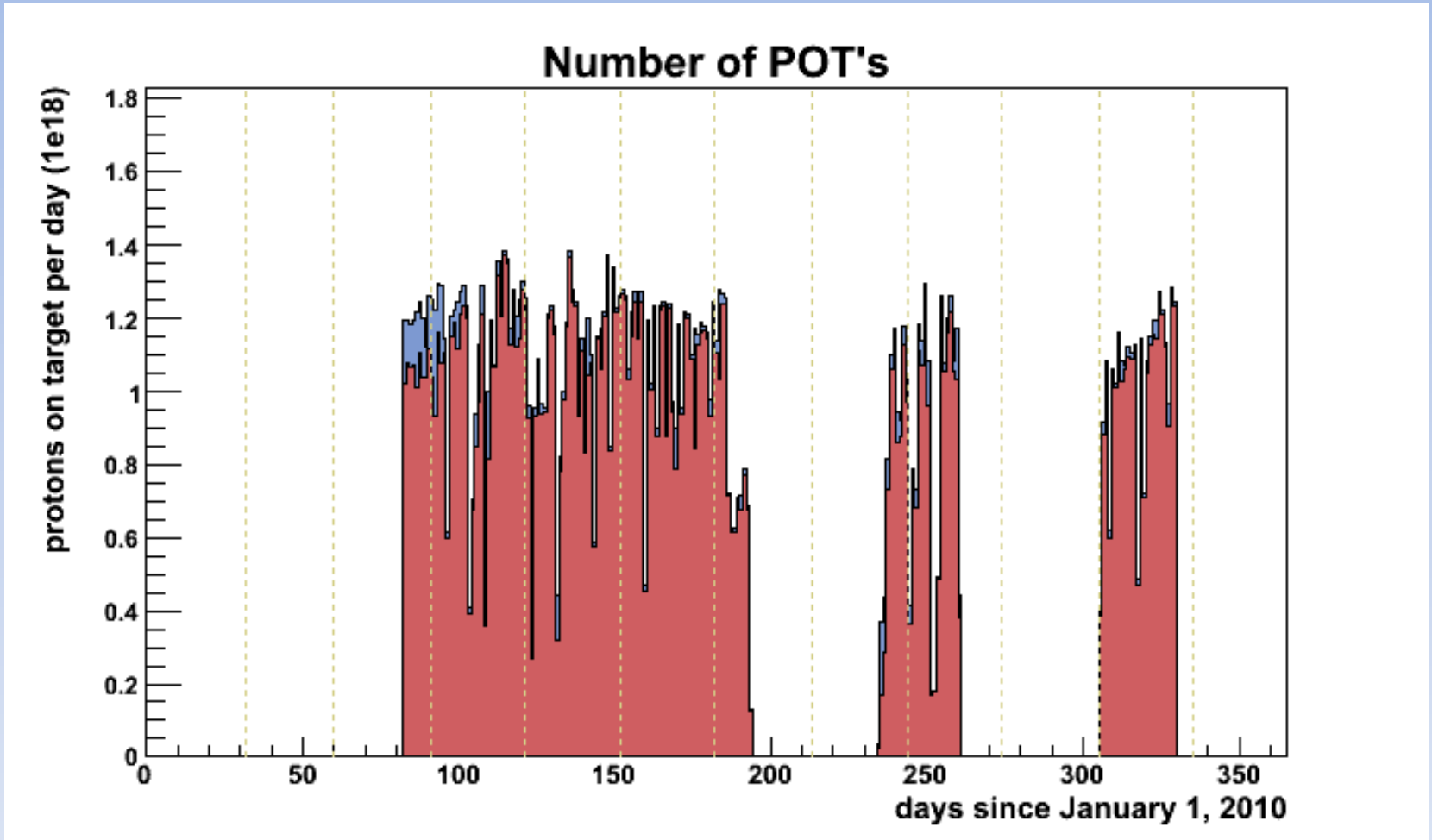
Anti-ν Data

Date	POT Recorded	POT Delivered	Live Time
19-Nov-2010	1.14E+18	1.20E+18	95.40%
20-Nov-2010	1.26E+18	1.27E+18	98.80%
21-Nov-2010	1.21E+18	1.22E+18	98.90%
22-Nov-2010	1.12E+18	1.13E+18	98.90%
23-Nov-2010	9.07E+17	9.67E+17	93.80%
24-Nov-2010	1.27E+18	1.28E+18	99.00%
25-Nov-2010	1.23E+18	1.24E+18	98.90%
Total	**8.14E+18**	**8.32E+18**	**97.70%**

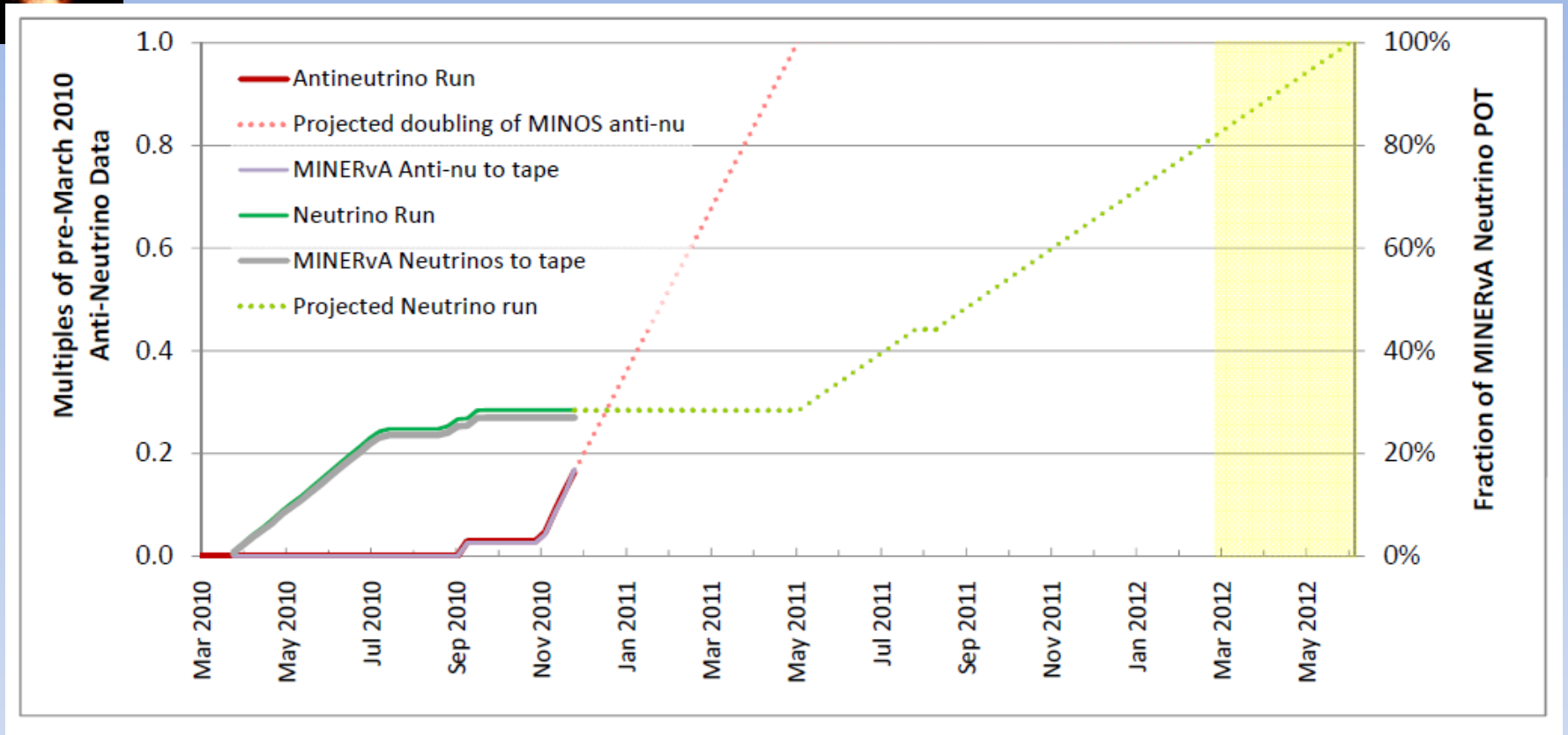


- Efficiency on Nov. 19 was not due the network outage but because a DAQ problem.
- On Nov. 23 a front end board failed and it had to be to replaced.
- 2.59×10^{19} POT delivered from Nov 1 to Nov 25, live time of 97.4%.

MINERvA POT/Day
March 2010 - Present



Accumulated POT to Nov 25



- Antineutrino Run, full scale corresponds to 1.76×10^{20} POT
  - # POT collected in anti-nu before Mar 23, 2010 (oficial start of MINERvA neutrino run).
- Neutrino Run, full scale corresponds to 4.9×10^{20} POT.
  - # of for which MINERvA project and experiment were reviewed and the detector built.
- Projected assume 0.92×10^{18}POT per day plus 2 week shutdown to change target
  - # POTs – average over the uptime during the past 1.5 years