



MINOS+ All Experimenters' Meeting Report

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2015-12-14

Near Detector

- ▶ DCS reported stale pump data with instructions to call MCR
 - ▶ Rebooted MI62 front-end (affected all ACNET devices) which fixed problem
- ▶ DAQ crash cleared by branch reset from MINERvA shifter



Far Detector

- ▶ CI Special performed on the 9th
- ▶ FD HV reset on 10th due to misread
 - ▶ Voltage readout then fine
- ▶ Global error state on the 12th
 - ▶ Sequence reset by shifter



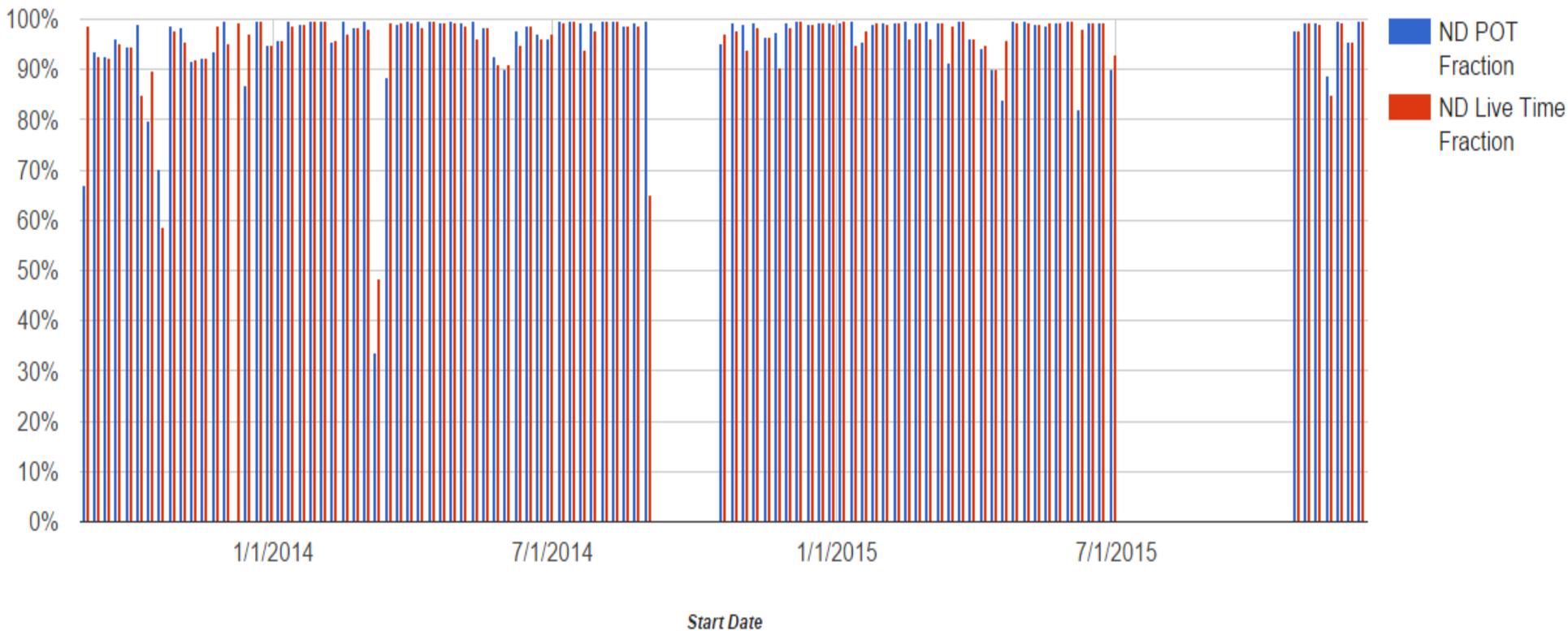
MINOS+ Status

Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
10/26/15 00:00:00	11/2/15 00:00:00	97.9%	97.6%	97.6%	98.1%
11/2/15 00:00:00	11/9/15 00:00:00	99.5%	99.5%	91.5%	93.4%
11/9/15 00:00:00	11/16/15 00:00:00	99.2%	98.9%	99.7%	98.9%
11/16/15 00:00:00	11/23/15 00:00:00	88.7%*	85.0%*	99.8%	99.9%
11/23/15 00:00:00	11/30/15 00:00:00	99.6%	99.4%	99.9%	99.9%
11/30/15 00:00:00	12/7/15 00:00:00	95.6%	95.4%	99.9%	99.6%
12/7/15 00:00:00	12/14/15 00:00:00	99.6%	99.6%	99.7%	99.4%

* As mentioned by Donatella, intermittent HV bad readings flag whole subruns as bad, hence the lower livetime at ND.

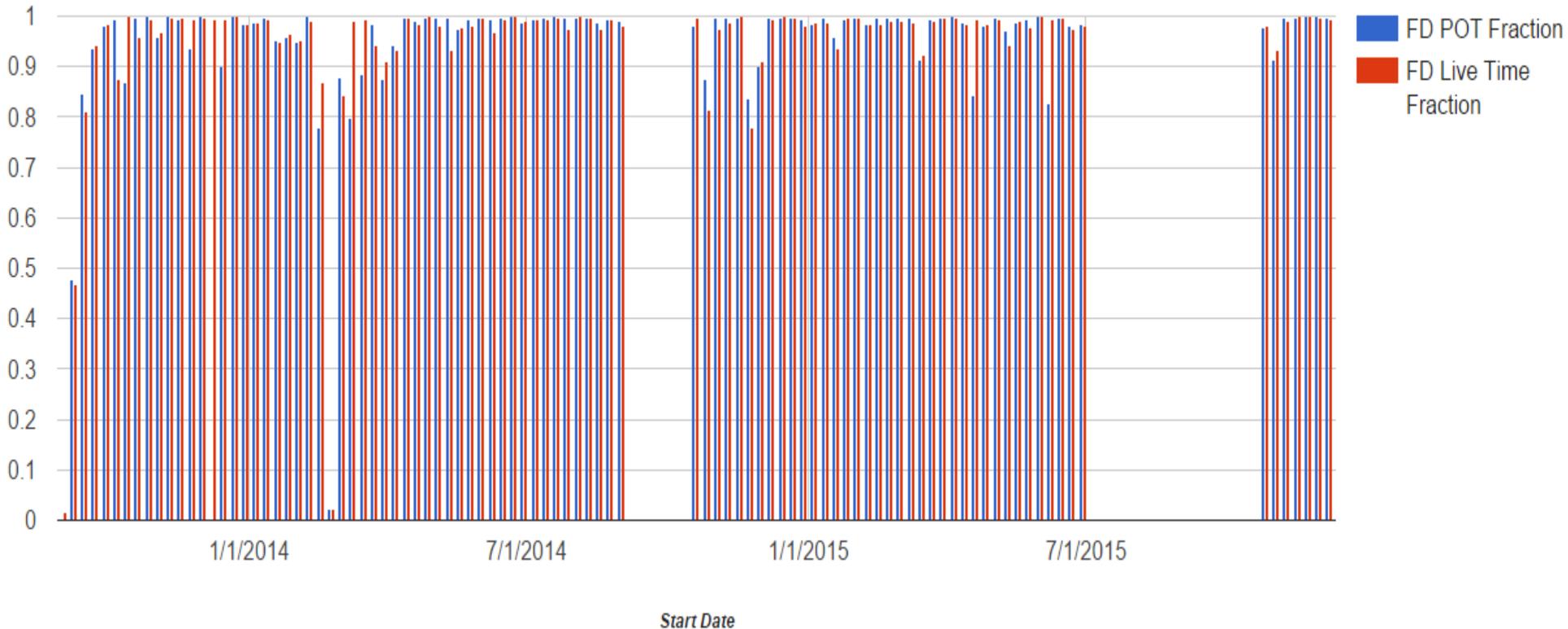
ND Status

ND POT fraction and Live Time Fraction



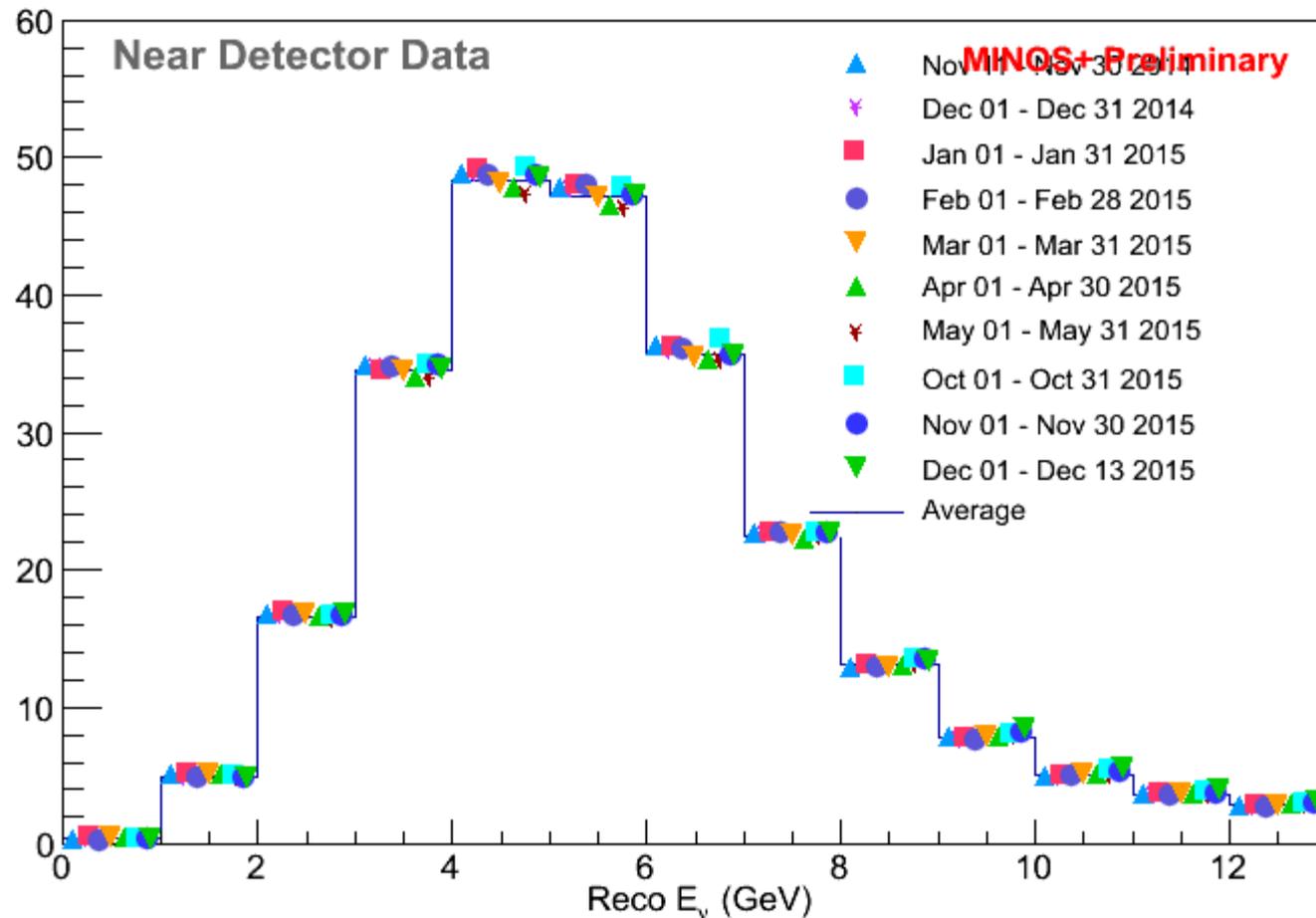
FD Status

FD POT Fraction and Live Time Fraction



Spectrum!

Neutrino Energy Spectrum Stability (PQ and NQ)



Events/POT + Intensity

