



# MINOS+ All Experimenters' Meeting Report

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# Near Detector

- ▶ Hot channel developed in the detector
  - ▶ Need to replace minder at nearest opportunity
- ▶ Work on timing create to replace last RIO3 (CPU) with Motorola VME 5500
  - ▶ Requires Wiener PS replacement to carry more Amps
  - ▶ Needs added capacitor to Master Crate to stabilize voltages



# Far Detector

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- ▶ *That one flat charge injection channel*
- ▶ HV Mainframe controller card replaced to deal with high gains
  - ▶ Need to check if the replacement worked
- ▶ Quick recovery from a crash during collaboration meeting



*The detector is still humming along...*

# MINOS+ Status

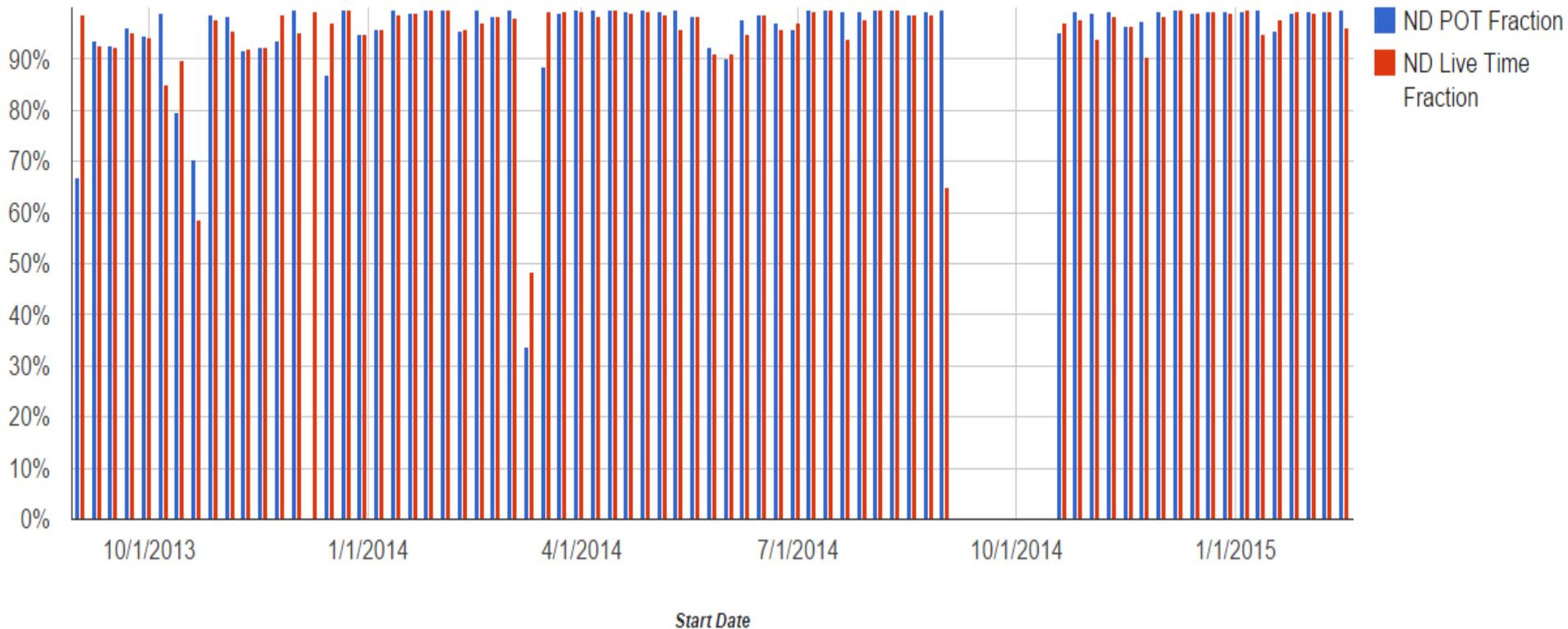
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Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
12/29/14 00:00:00	1/5/15 00:00:00	99.4%	99.1%	99.3%	98.2%
1/5/15 00:00:00	1/12/15 00:00:00	99.5%	99.6%	98.5%	98.6%
1/12/15 00:00:00	1/19/15 00:00:00	99.7%	95.0%	99.8%	98.8%
1/19/15 00:00:00	1/26/15 00:00:00	<b>95.6%</b>	97.7%	<b>95.8%</b>	93.7%
1/26/15 00:00:00	2/2/15 00:00:00	<b>99.0%</b>	99.3%	<b>99.4%</b>	99.7%
2/2/15 00:00:00	2/9/15 00:00:00	99.4%	98.9%	99.8%	99.6%
2/9/15 00:00:00	2/16/15 00:00:00	99.4%	99.6%	98.4%	98.4%
2/16/15 00:00:00	2/23/15 00:00:00	99.6%	96.2%	99.7%	98.3%

Offline db issues addressed – believe we are nearing reprocess point

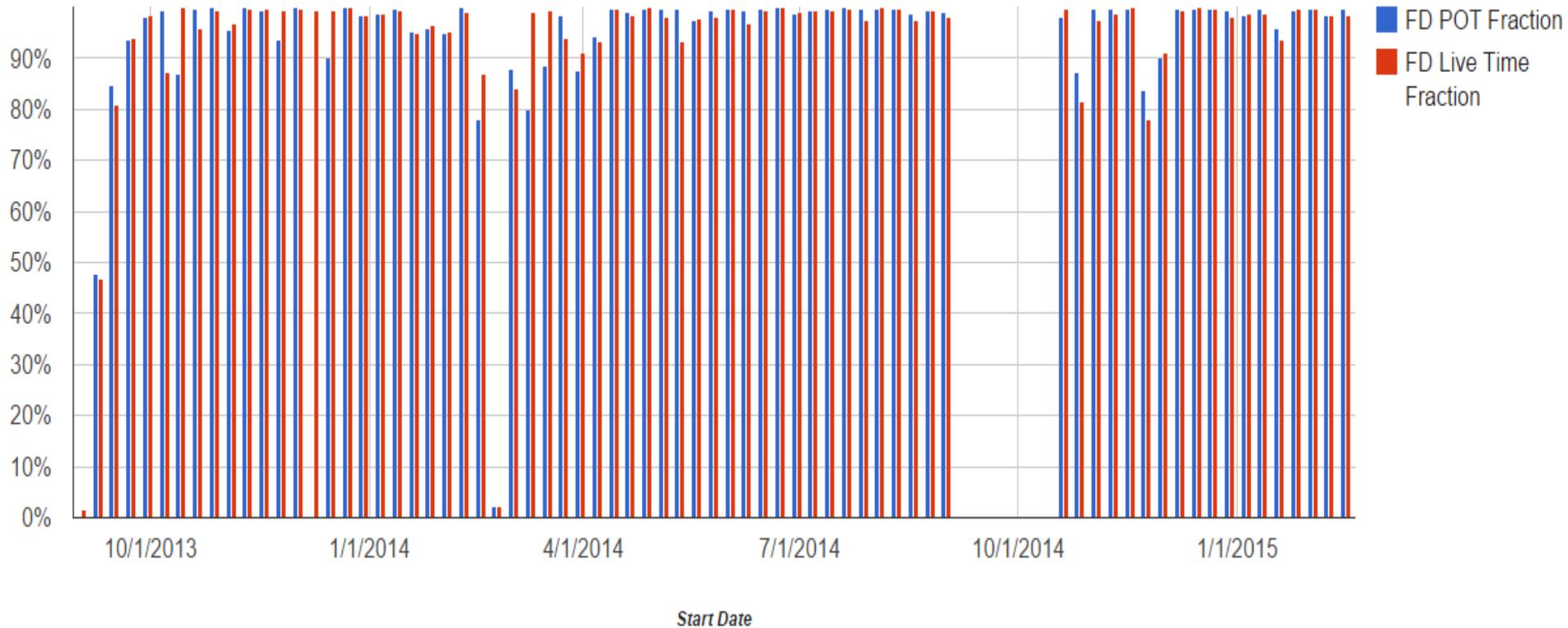
# POT and Live Time Fractions

ND POT fraction and Live Time Fraction



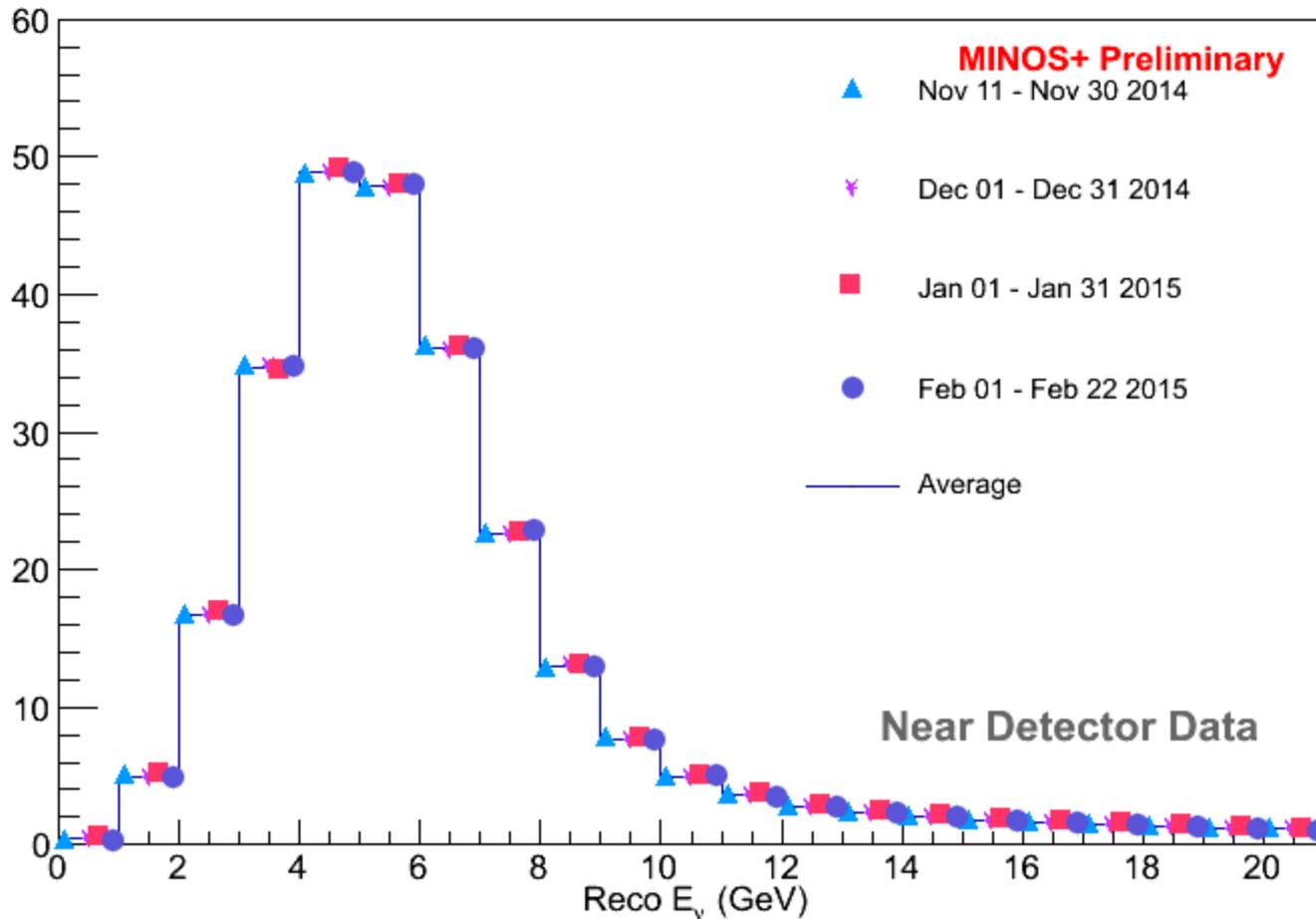
# POT and Live Time Fractions

FD POT Fraction and Live Time Fraction



# Data Quality Monitoring

## Neutrino Energy Spectrum Stability (PQ and NQ)



# Data Quality Monitoring

