



MINOS+ All Experimenters' Meeting Report

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2015-6-29

Near Detector

- ▶ Quality week of running in the ND
- ▶ One DAQ crash driven through QuasiON hiccup
 - ▶ Recovered quickly from reset of processes on minos-daq24-nd machine
- ▶ Still have those peculiar channels to investigate
 - ▶ This will be done during the shutdown



Far Detector

- ▶ Power outage happened this morning at Soudan
 - ▶ Presumably all is well
- ▶ There was a QuasiON crash here as well
 - ▶ Again, recovered via process reset
- ▶ There was a dcache outage at FNAL that caused some delays in our keepup reconstruction – impact to both detectors



MINOS+ Status

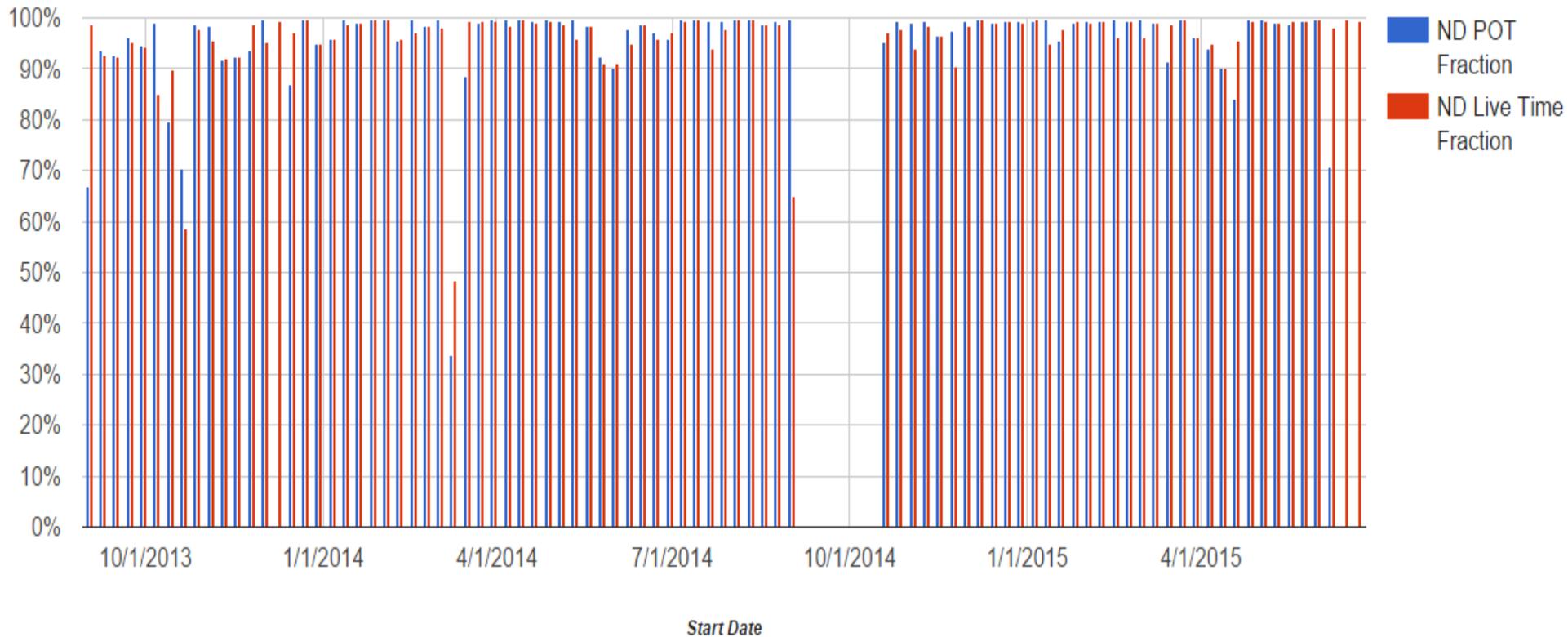
Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
5/11/15 00:00:00	5/18/15 00:00:00	99.0%	99.1%	97.3%	94.1%
5/18/15 00:00:00	5/25/15 00:00:00	98.8%	99.3%	98.8%	98.9%
5/25/15 00:00:00	6/1/15 00:00:00	99.5%	99.5%	99.3%	97.7%
6/1/15 00:00:00	6/8/15 00:00:00	99.7%	99.7%	99.6%	99.6%
6/8/15 00:00:00	6/15/15 00:00:00	70.8%**	98.2%	71.4%**	99.2%
6/15/15 00:00:00	6/22/15 00:00:00	--	99.6%	--	99.6%
6/22/15 00:00:00	6/29/15 00:00:00	--	99.4%	--	99.7%

- ❖ Appears to be driven down by ACNET issues and good beam issues associated with special horn current scans
- ❖ POT Fraction gets killed in recent weeks because DQM does not understand the true power of HornOff running... Raw physics POT Fracs (99.5%,99.8%)



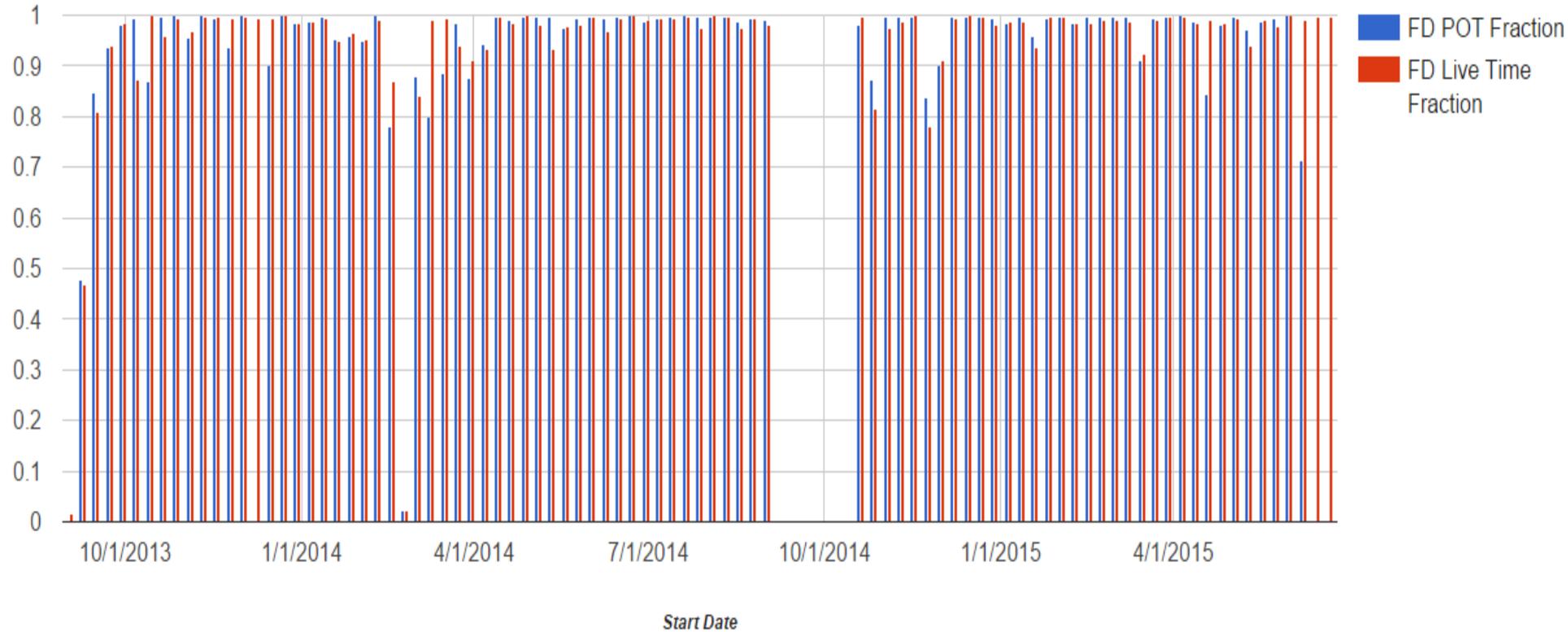
POT and Live Time Fractions

ND POT fraction and Live Time Fraction



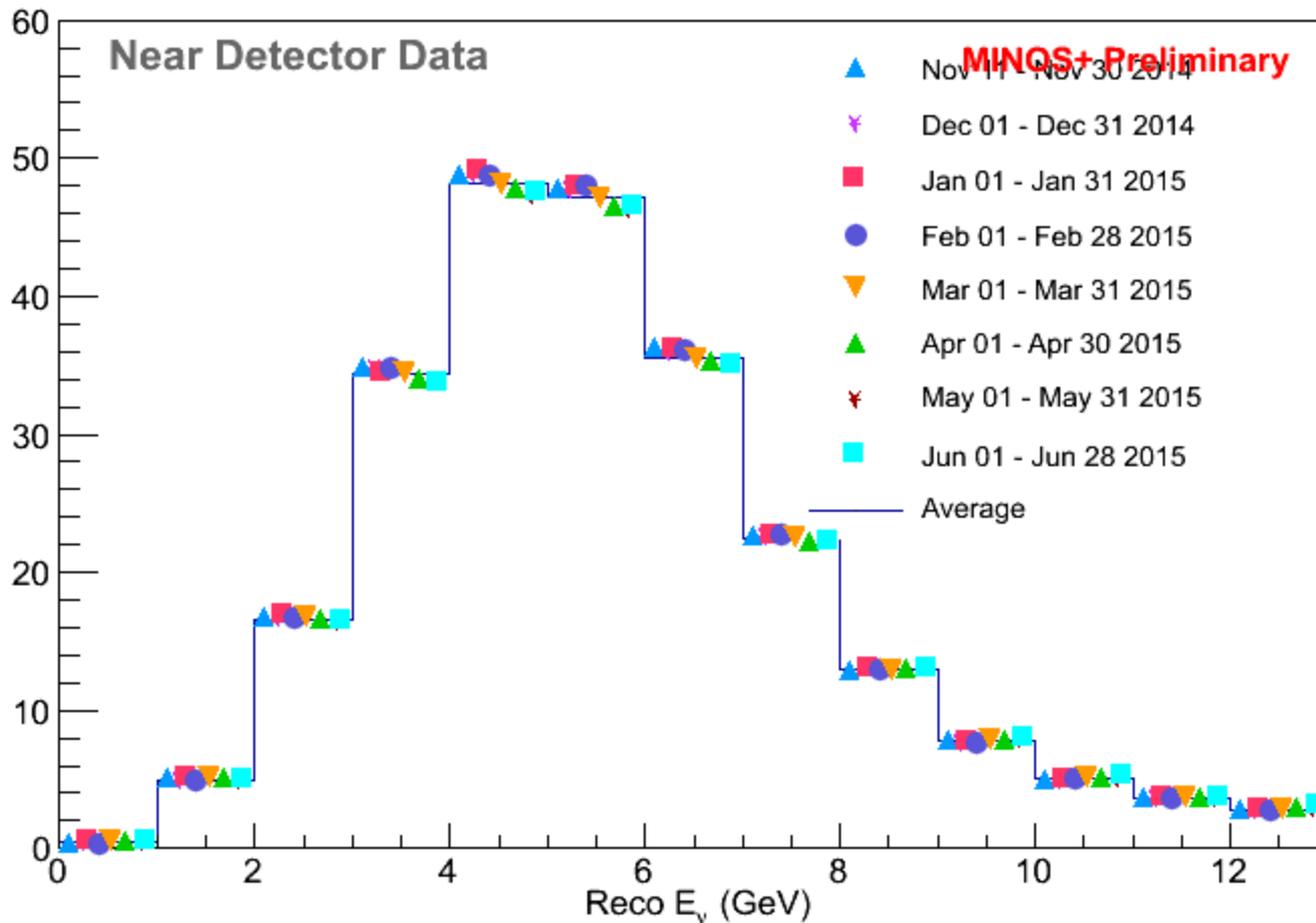
POT and Live Time Fractions

FD POT Fraction and Live Time Fraction



Data Quality Monitoring

Neutrino Energy Spectrum Stability (PQ and NQ)



Data Quality Monitoring

