



MINOS+ All Experimenters' Meeting Report

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Detector Issues

- ▶ **FD DAQ crash**
 - ▶ Occurred during networking issues
 - ▶ Shifter and I both had problems connecting to reset run – took about 25 minutes to resume data taking
- ▶ **ND coil**
 - ▶ Magnet tripped when power glitch occurred during the weekend
 - ▶ Was brought back up without issue
- ▶ **ND hot channel/CAPID**
 - ▶ One minder developed an issue over the weekend, though at latest check, seems okay
 - ▶ There are a few hot channels that will be swapped when we can
- ▶ **Interesting issue reported via MINERvA**
 - ▶ Crate 0 T0 plot behavior with events before first spill – currently investigating



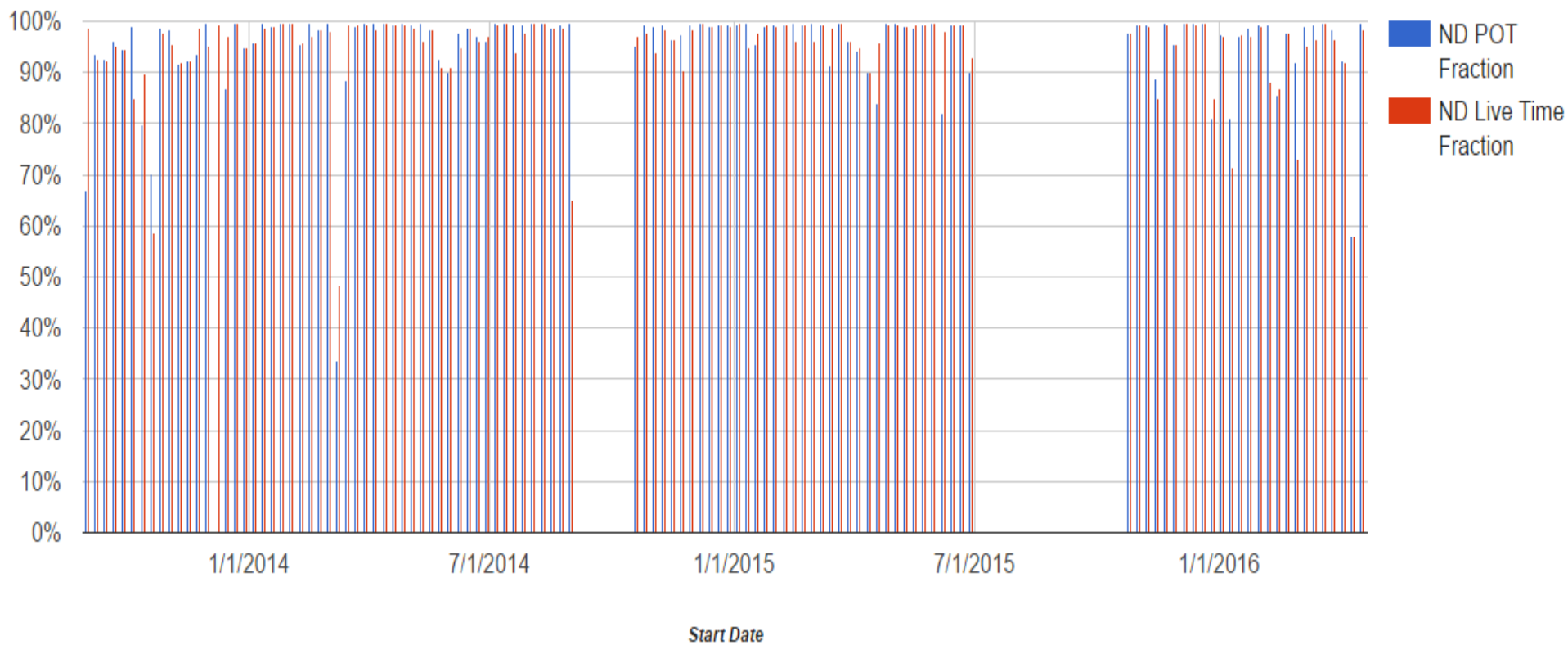
MINOS+ Status

Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
2/22/16 00:00:00	2/29/16 00:00:00	97.8%	97.8%	99.8%	97.5%
2/29/16 00:00:00	3/7/16 00:00:00	91.7%	73.2%	92.0%	92.0%
3/7/16 00:00:00	3/14/16 00:00:00	99.0%	95.2%	99.9%	99.7%
3/14/16 00:00:00	3/21/16 00:00:00	99.3%	96.5%	99.8%	99.5%
3/21/16 00:00:00	3/28/16 00:00:00	99.7%	99.7%	99.8%	99.8%
3/28/16 00:00:00	4/4/16 00:00:00	98.5%	96.5%	98.3%	98.2%
4/4/16 00:00:00	4/11/16 00:00:00	92.4%	91.9%	99.9%	97.9%
4/11/16 00:00:00	4/18/16 00:00:00	58.3%	58.7%	99.8%	99.9%
4/18/16 00:00:00	4/25/16 00:00:00	99.6%	98.3%	99.4%	99.5%

Bold: LI Issue ND

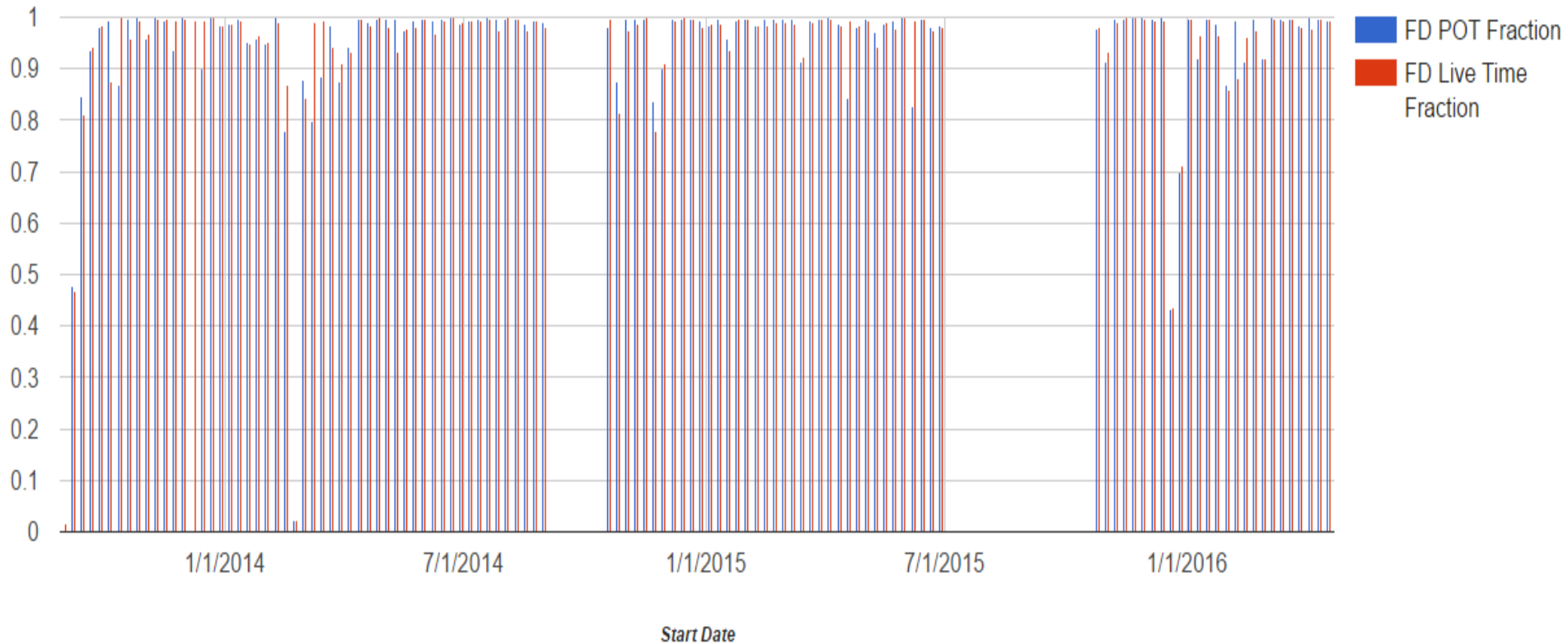
ND Status

ND POT fraction and Live Time Fraction



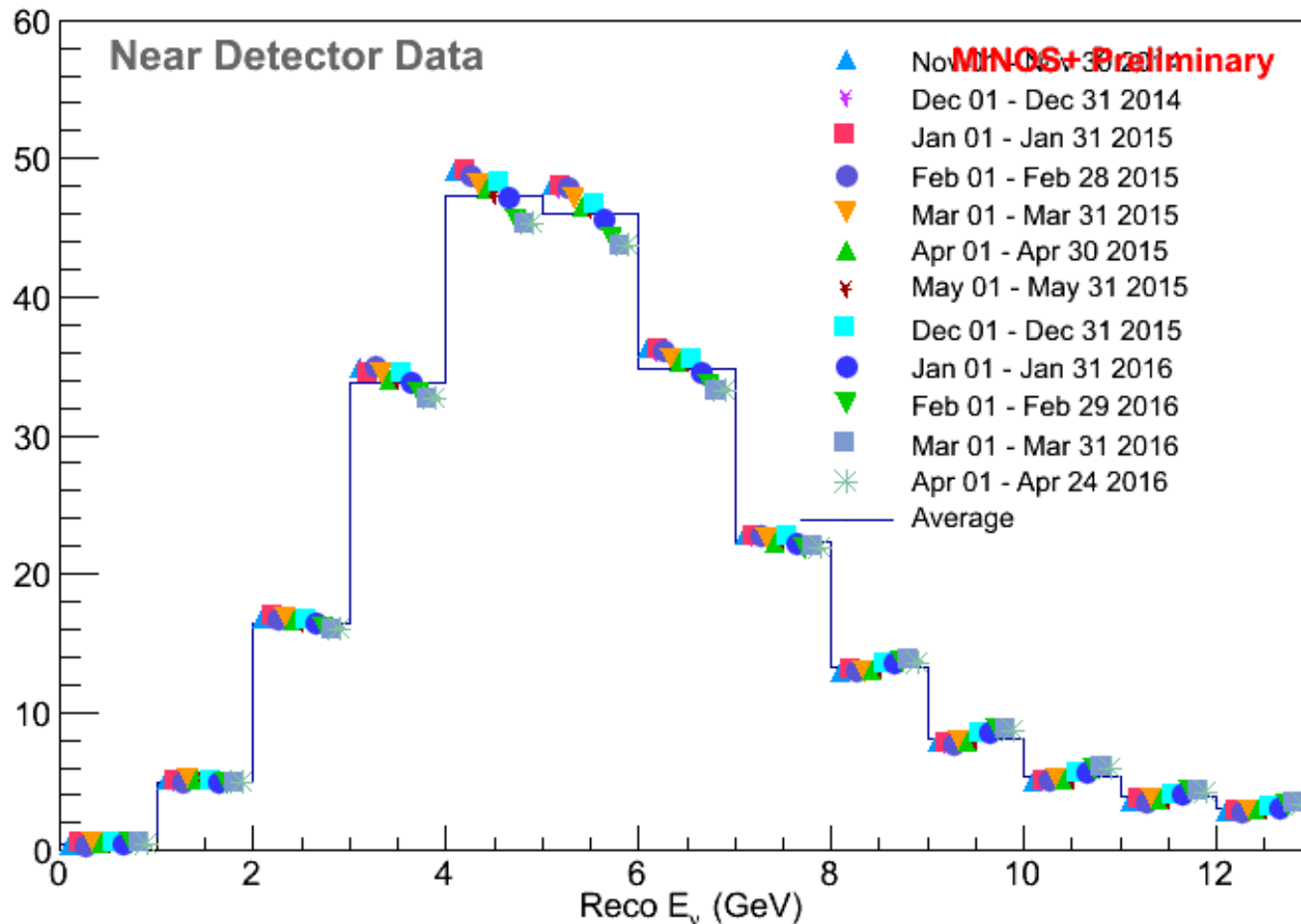
FD Status

FD POT Fraction and Live Time Fraction



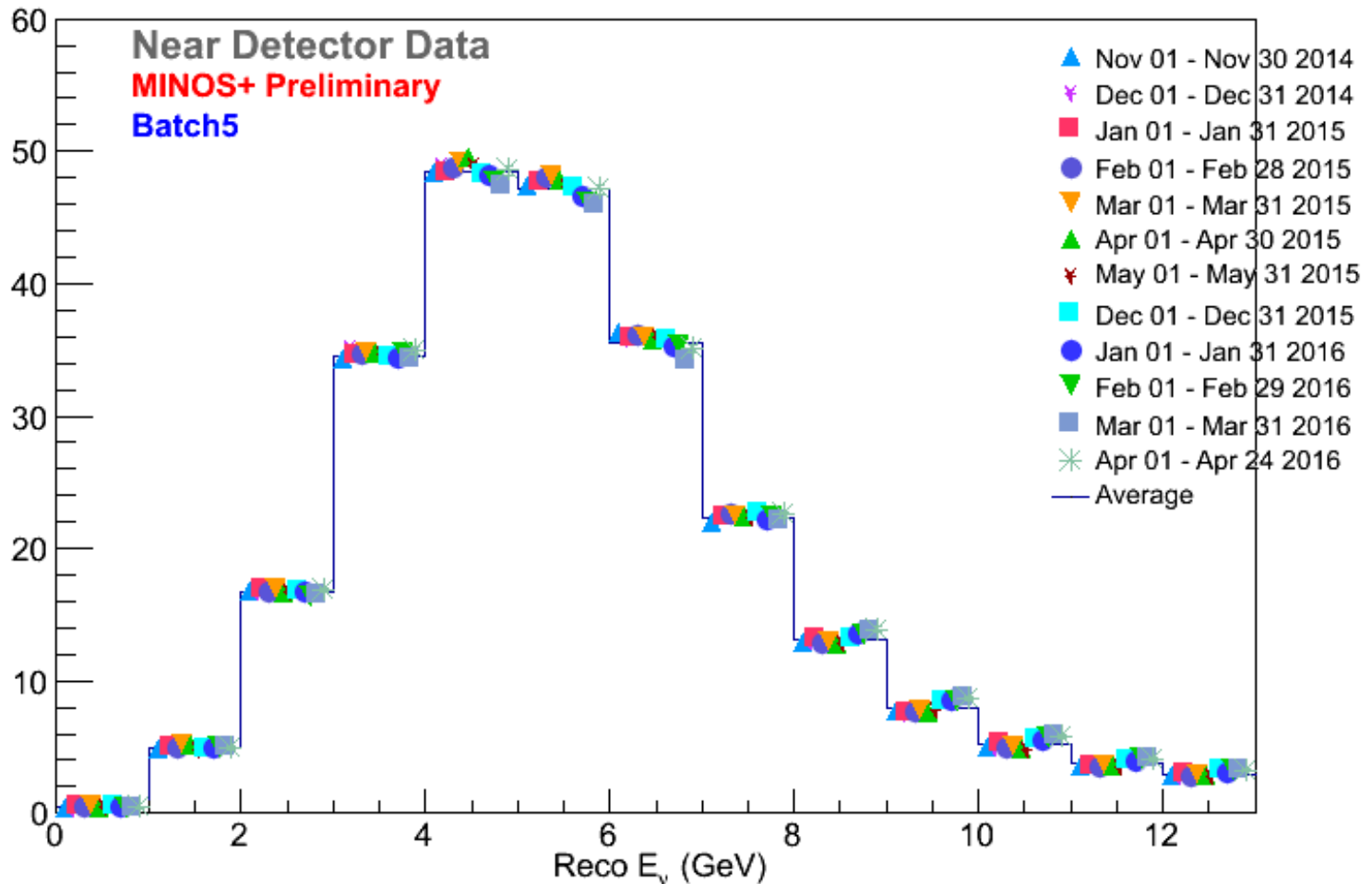
Spectrum!

Neutrino Energy Spectrum Stability (PQ and NQ)



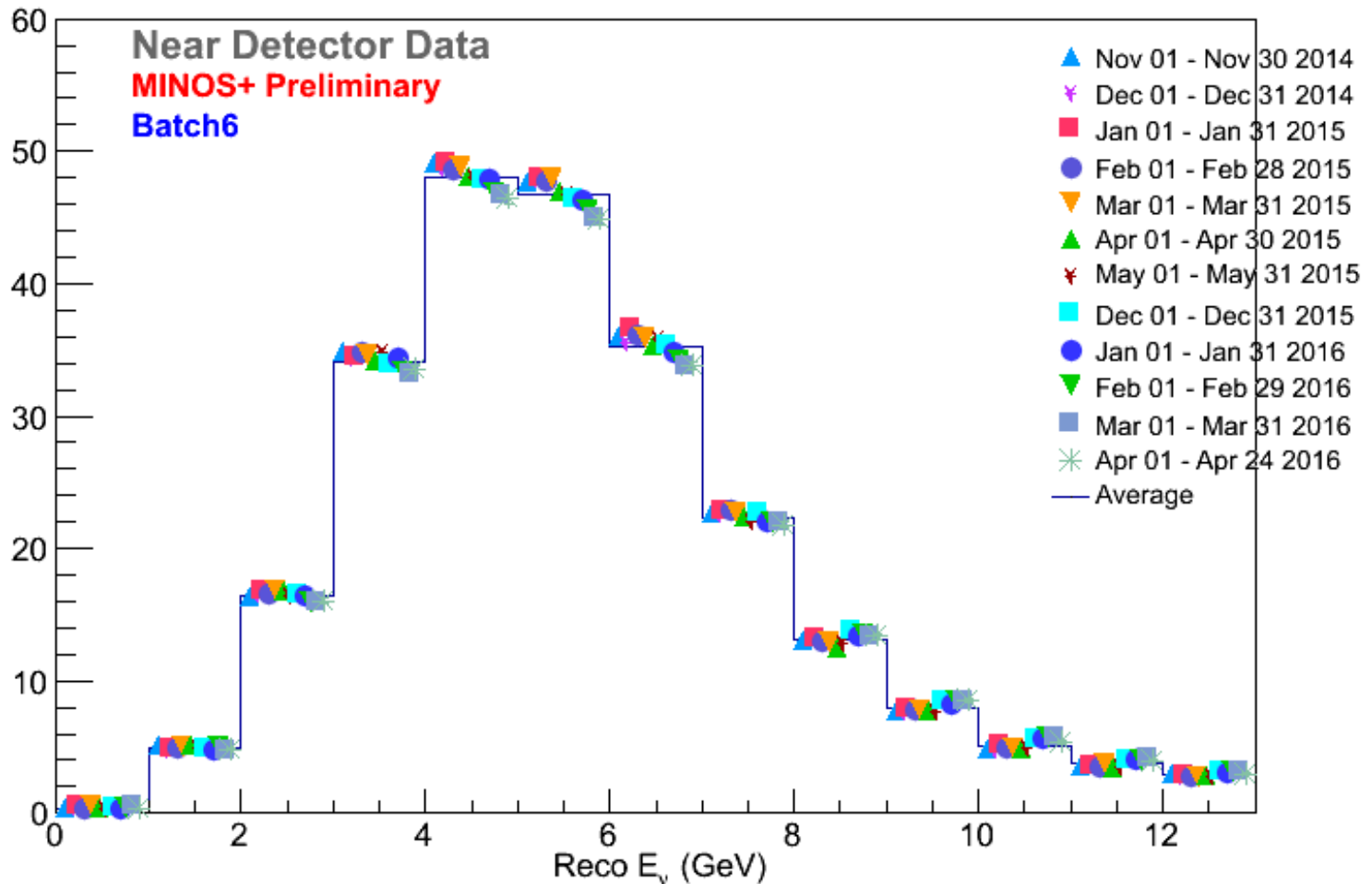
Spectrum Stability Batch 5

Neutrino Selected Batch Energy Spectrum Stability (PQ and NQ)



Spectrum Stability Batch 6

Neutrino Selected Batch Energy Spectrum Stability (PQ and NQ)



Spectrum by Batch!

- ▶ <http://minos.fnal.gov/DataQuality/BatchPage.php>
- ▶ Look, it's a link.

Events/POT vs Time

