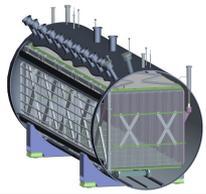


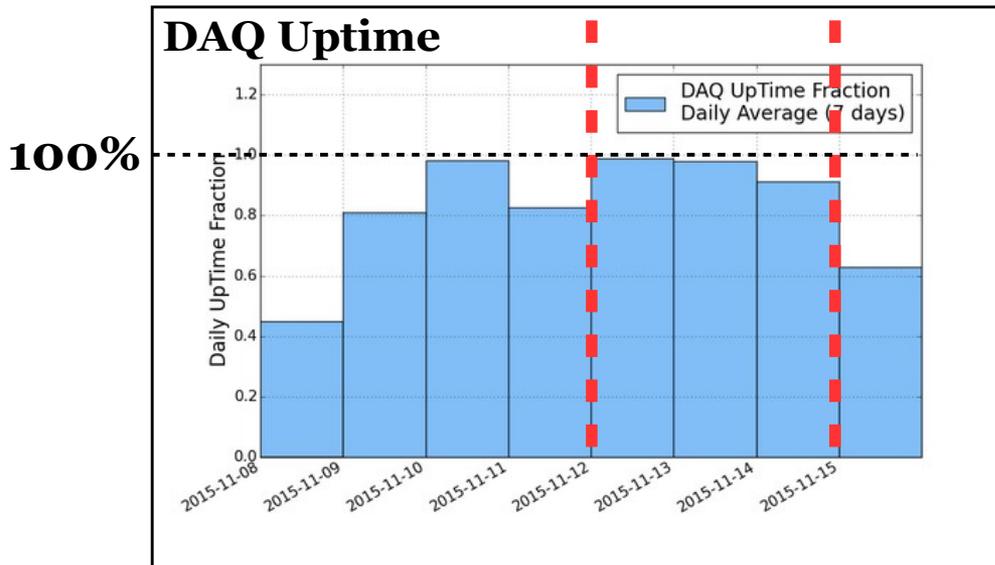
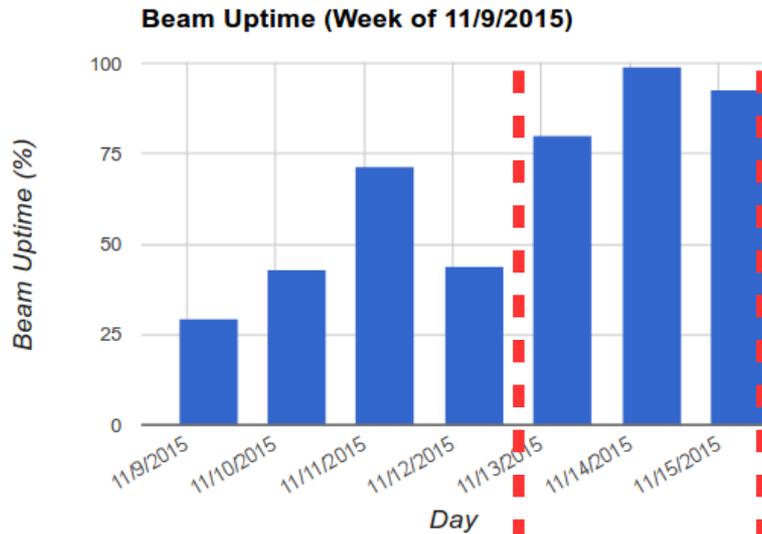
MicroBooNE Status Report

Michael Mooney
BNL

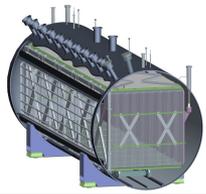
All Experimenters' Meeting
November 16th, 2015



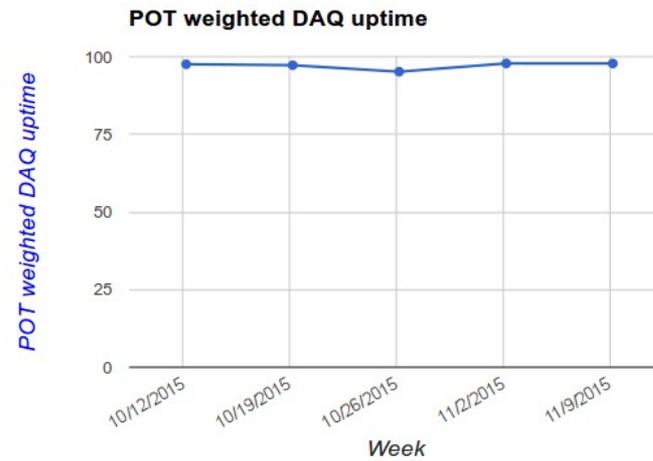
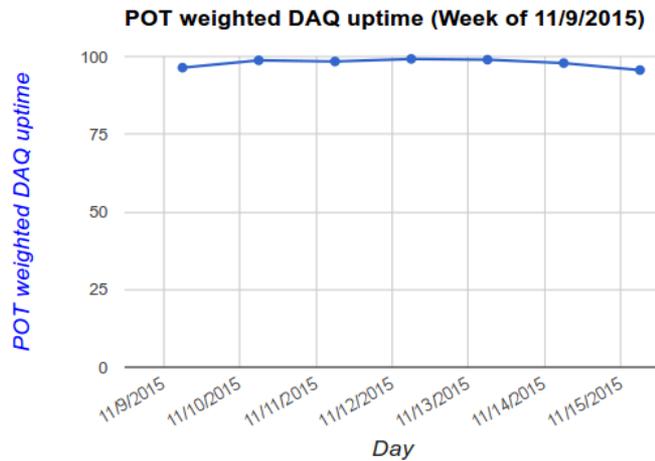
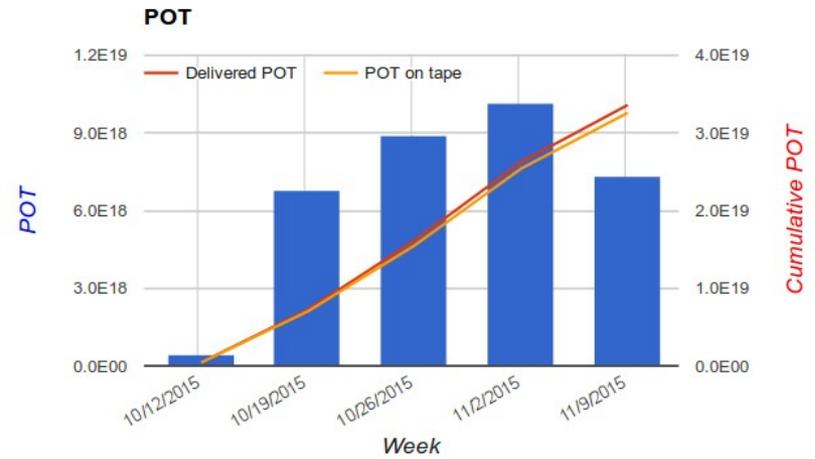
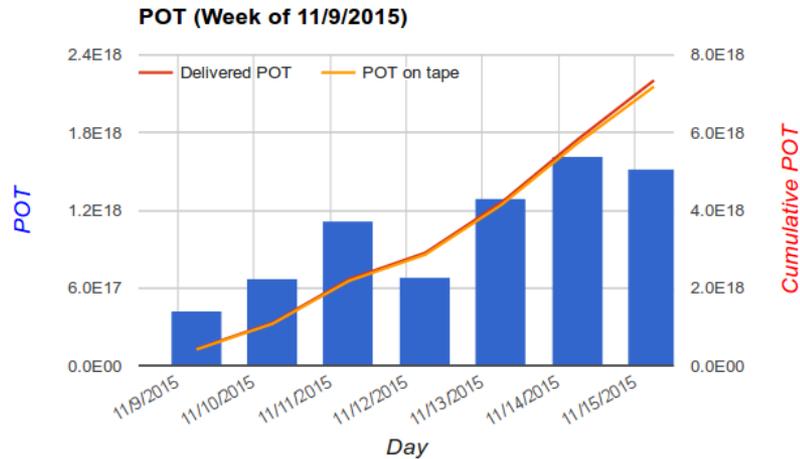
Beam vs. DAQ Uptime



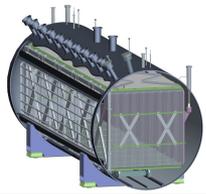
- ◆ BNB/NuMI beams were down for much of last week due to Main Injector access
- ◆ DAQ uptime high when beam was on ($> 97\%$)
- ◆ Beam downtime used largely for commissioning of a PMT trigger



POT on Tape

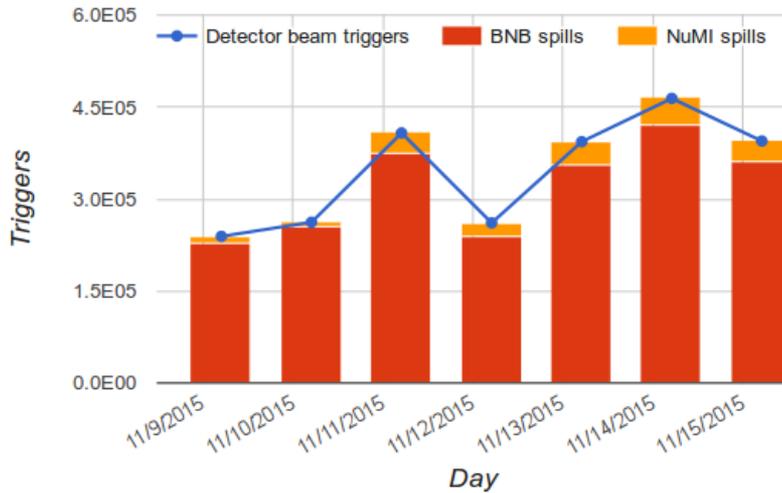


◆ **POT-weighted DAQ uptime high last week (and for all time)**

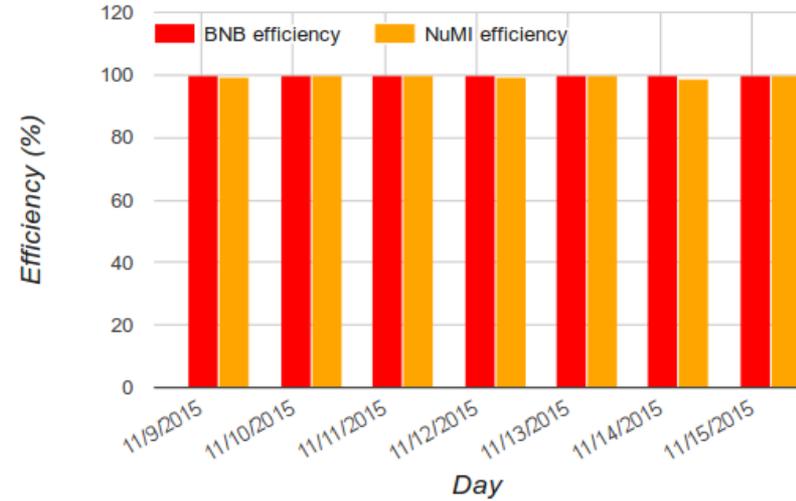


Triggers Collected

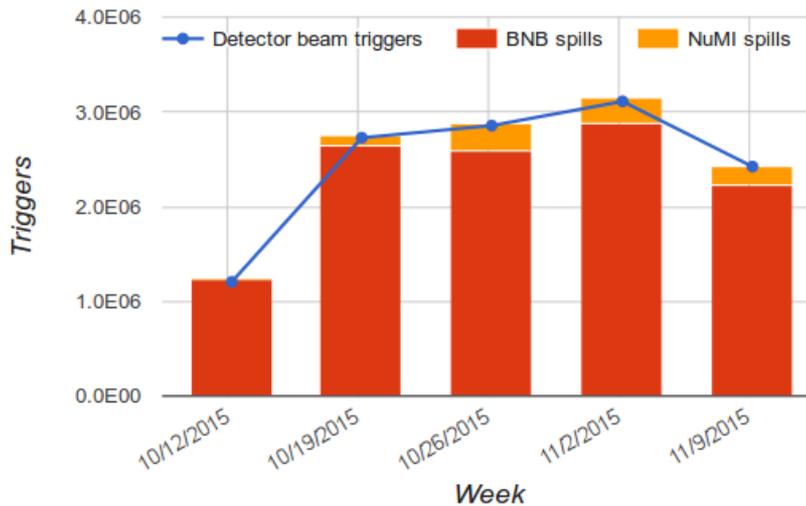
Triggers vs Spills (Week of 11/9/2015)



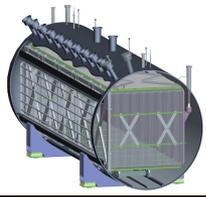
Trigger efficiency (Week of 11/9/2015)



Triggers vs Spills



- ◆ Was previously triggering on AE+A9 coincidence for NuMI
- ◆ Now using only A9's leading to **99.5%+** efficiency (similar to BNB)



Summary

- ◆ Stable beam from BNB: **$3.9e12$** protons/spill at **5** Hz
- ◆ NuMI trigger efficiency **above 99.5%** (using only A9's)
- ◆ Auxiliary LAr circulation pump reinstalled today (new bearings) – will switch pumps in February, no detector downtime today
- ◆ DAQ uptime **above 97%** when beam on