



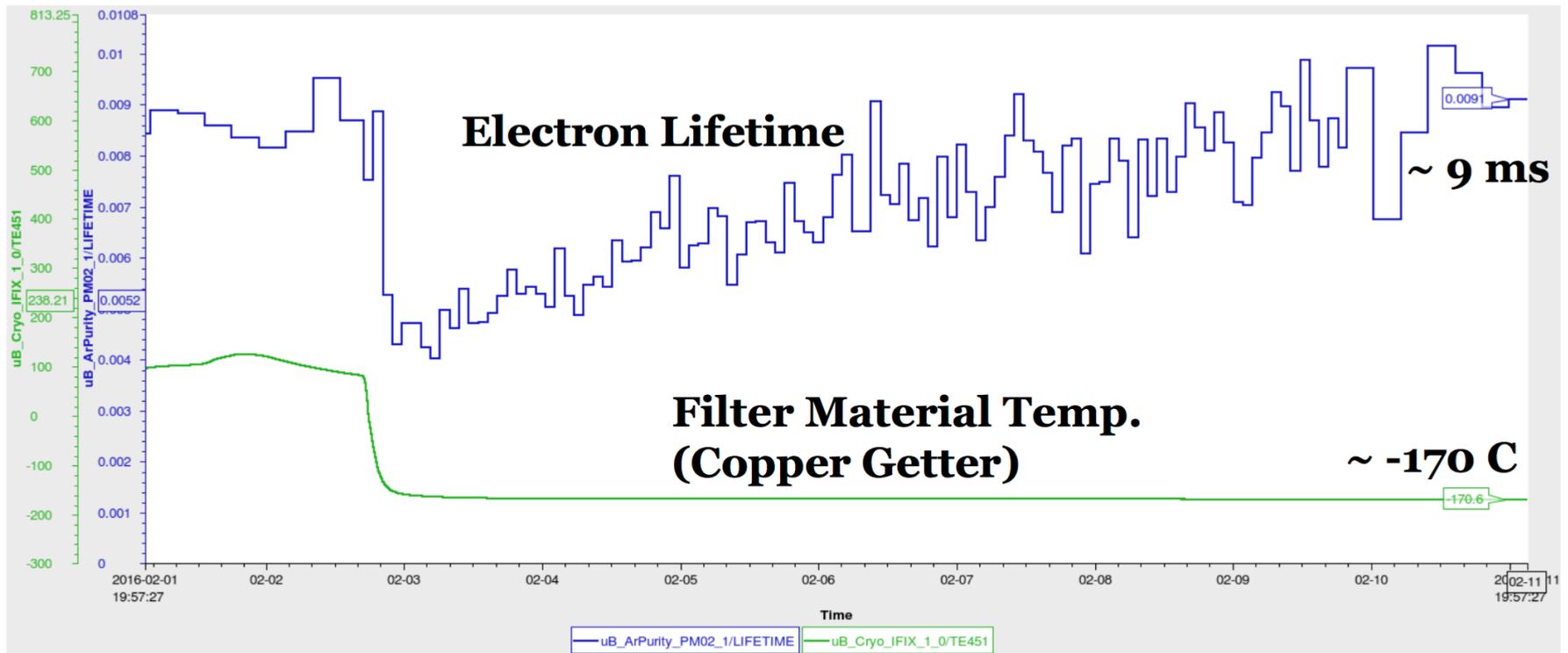
MicroBooNE Status Report

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All Experimenters' Meeting
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Filter removal finished

- Current filter mass is reduced to 1/3 of original.
- Electron lifetime is fully recovered to 9ms.
- PMT single PE rate has decreased 8%. (corrected from 30% presented in last week)

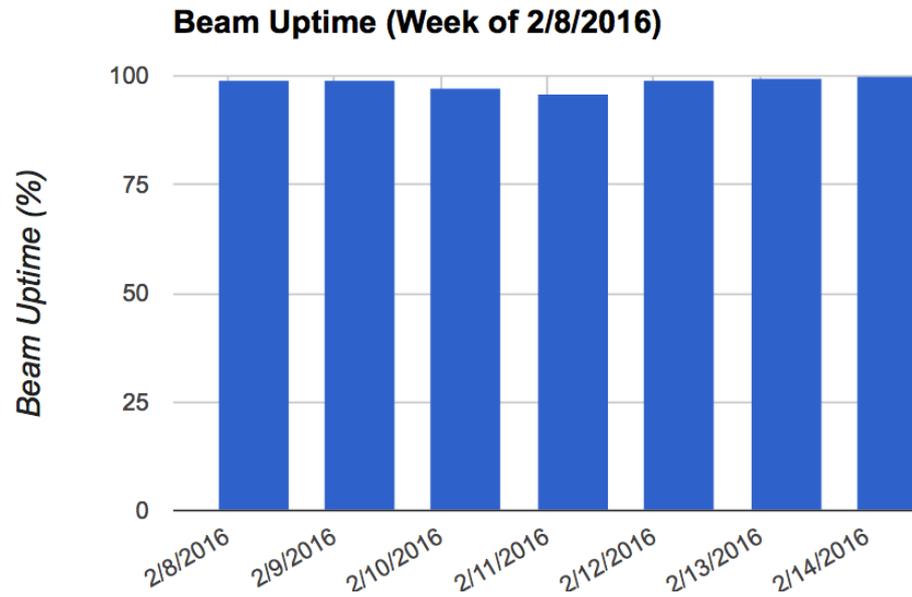


PMT tight trigger

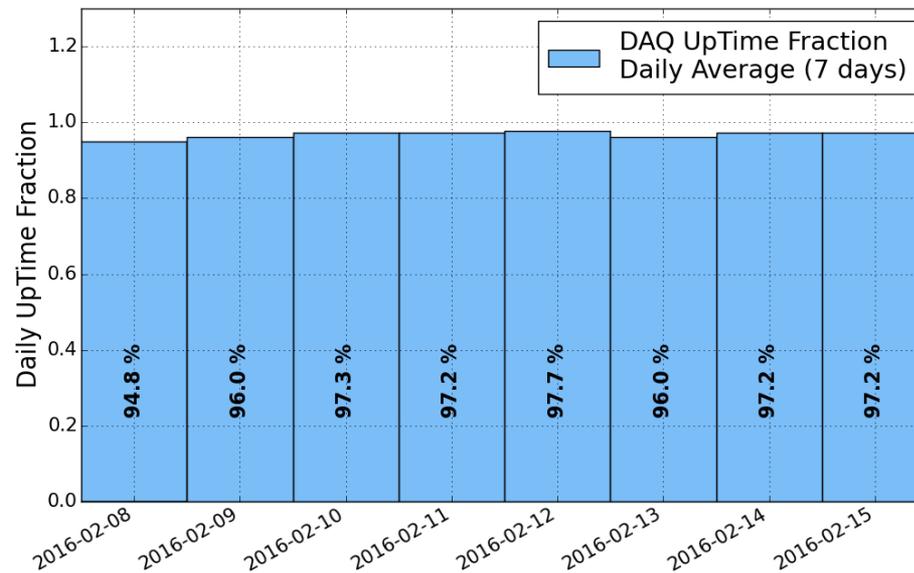
The tight trigger was placed into production on Wed. **Total rate < 0.47 Hz**

Event Type	Threshold	Trigger Fraction	Rate	Pre-scale	Event data rate
BNB (4Hz) + SWTRIG	6.5 PE	0.04	0.16 Hz	1.0	0.16 Hz
BNB (4Hz) + prescale		0.96	3.84	0.0026	0.01 Hz
NUMI (0.7Hz) + SWTRIG	9.5 PE	0.14	0.098 Hz	1.0	0.098 Hz
NUMI (0.7Hz) + prescale		0.86	0.602 Hz	0.016	0.01 Hz
EXT (2Hz) + SWTRIG (BNB)	6.5 PE	0.04	0.08Hz	1.0	0.08 Hz
EXT (2Hz) + SWTRIG (NUMI)	9.5 PE	0.14	0.28 Hz	0.175	0.05 Hz
EXT (2Hz) + Prescale			2 Hz	0.02	0.04 Hz
MuCS			3 Hz	0.01	0.03 Hz

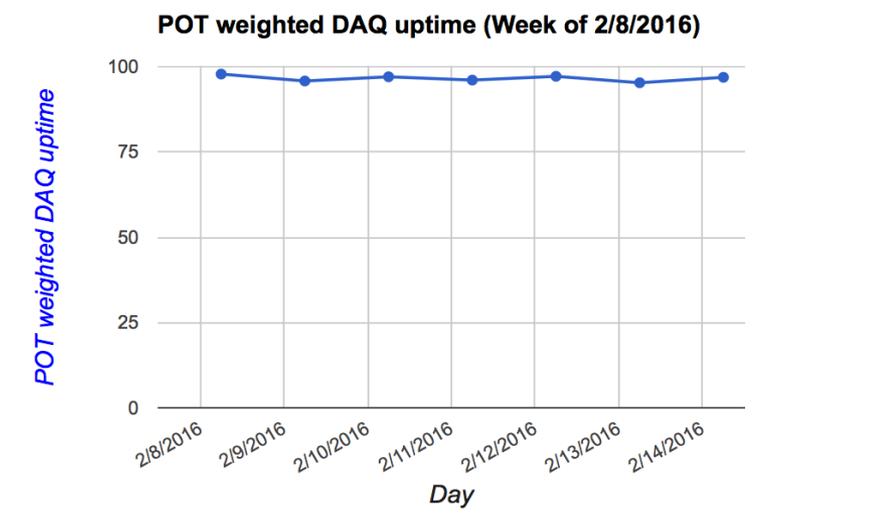
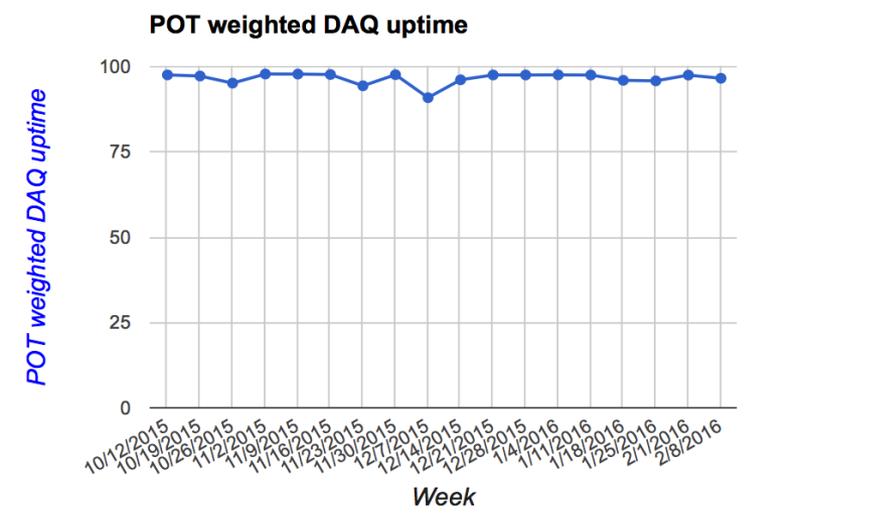
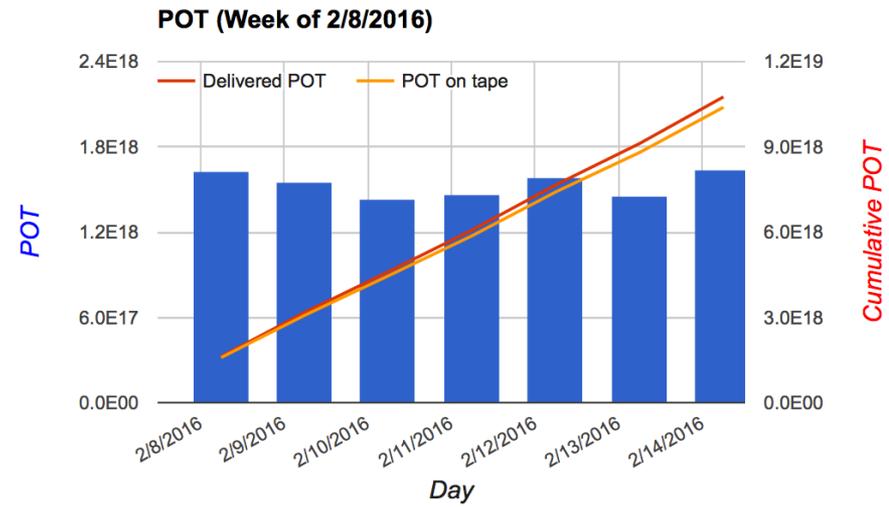
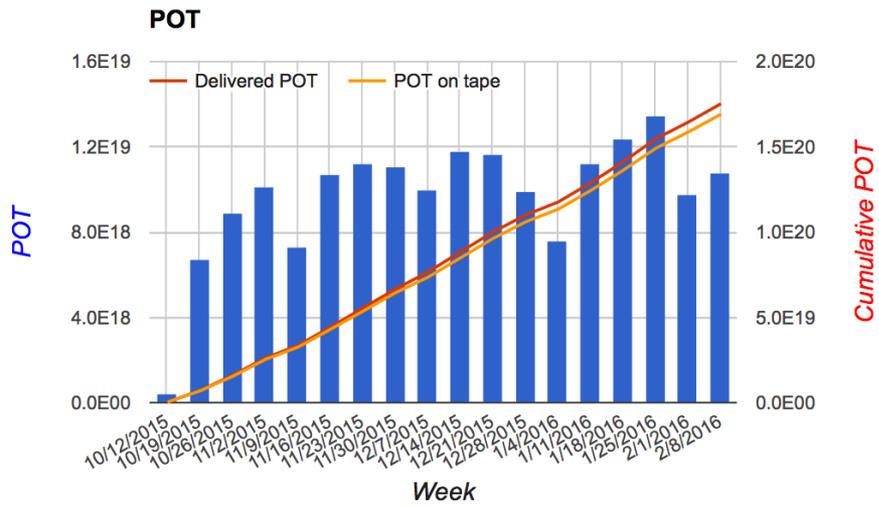
Beam Vs DAQ Uptime



High beam uptime,
smooth data taking,
high DAQ uptime,



POT on Tape



Average POT weighted DAQ uptime: 96.6%

Summary

- Filter material removed, drift electron lifetime recovered to $\sim 9\text{ms}$, PMT single PE rate decreased by 8%.
- Tight software PMT trigger implemented, current total rate is $< 0.47\text{ Hz}$
- Continuously good POT weighted DAQ uptime 96.6%