

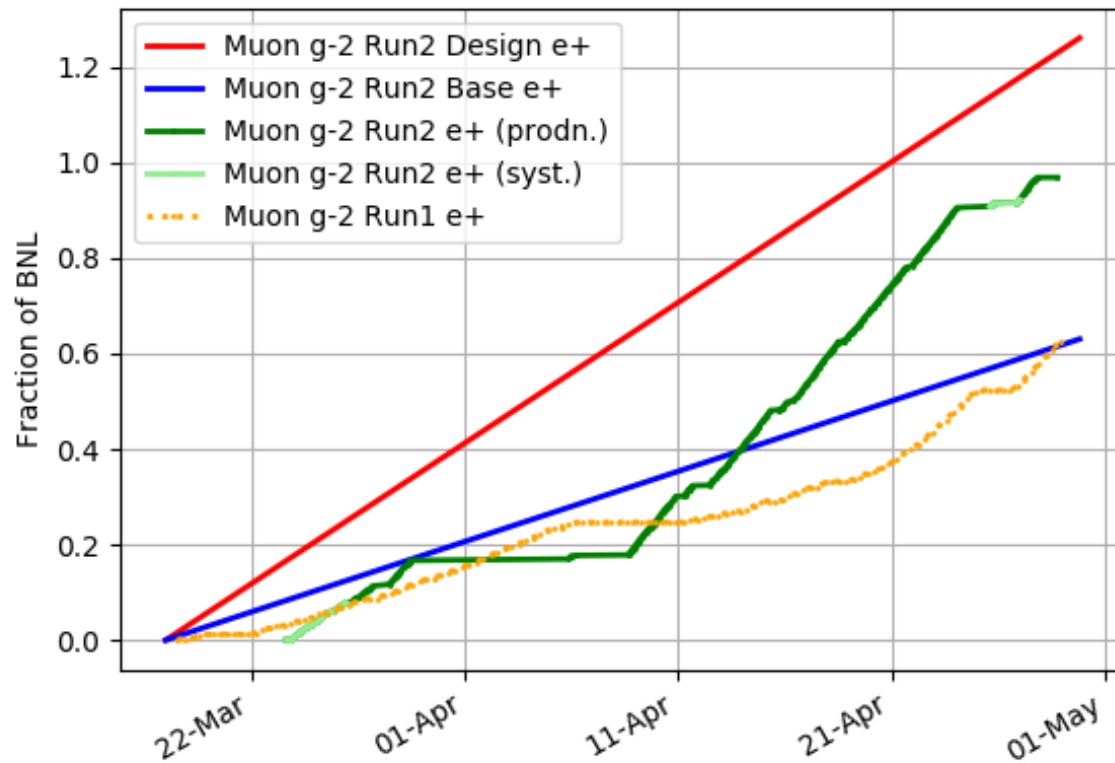


WP1 : g-2 Detectors

Been taking physics-quality data under constant conditions for past month

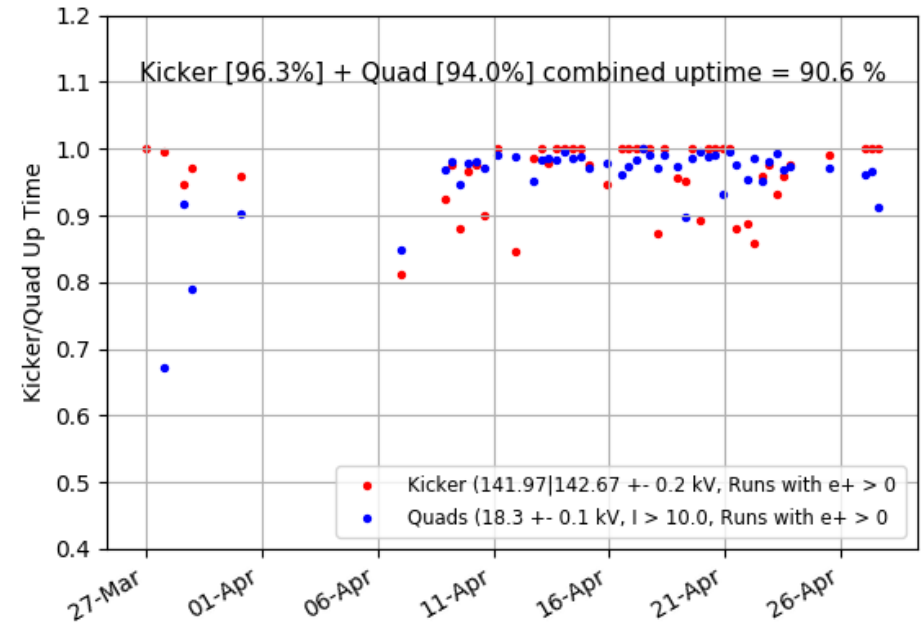
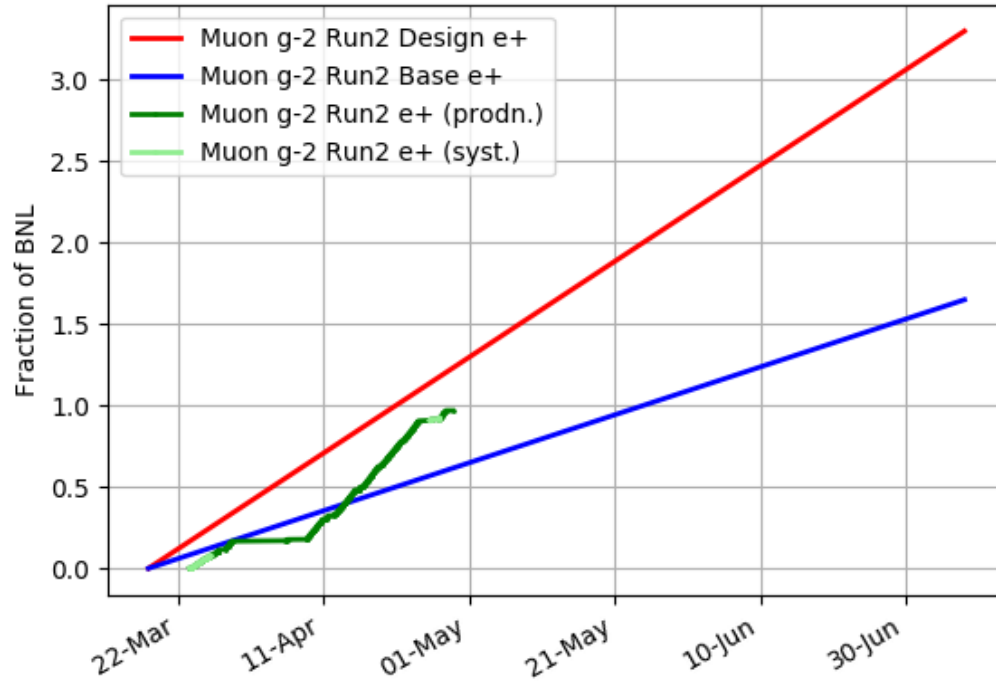
Approx. 50% more data than at same time last year in run-1

Average rate approx. 25% higher than run-1 despite 20% reduction from having to run at lower current to the lithium lens





WP1 : g-2 Detectors

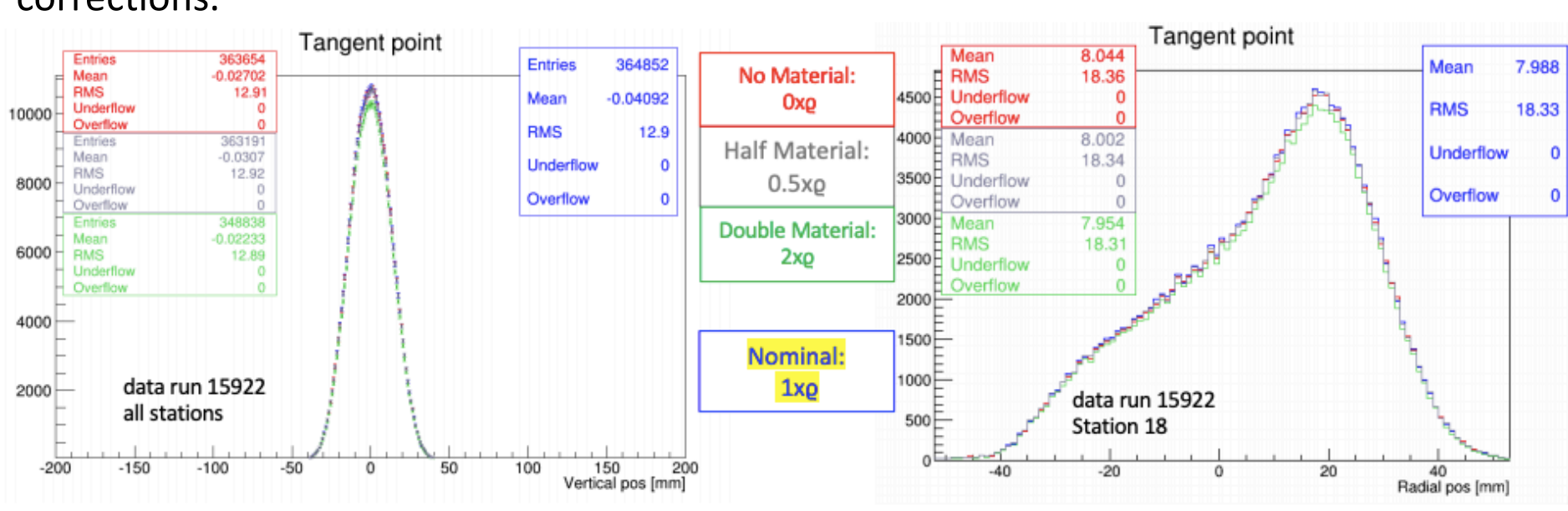


Hoping to double the run-1 dataset. Although this depends on accelerator performance when/if running in 5/14 mode begins in the 2nd week of May

Improvement in rate over run-1 due to reduced sparking/downtime in quads & kickers.

Tracking detectors performing reliably.

Effort now focused on evaluating systematic uncertainties and impact on the E-field and pitch corrections.



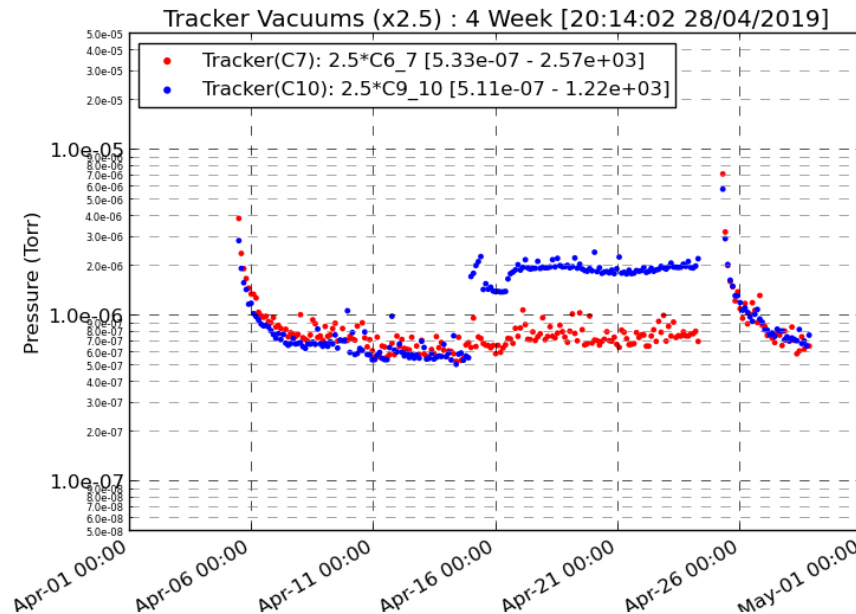
No Material:
0xg

Half Material:
0.5xg

Double Material:
2xg

Nominal:
1xg

One small leak.

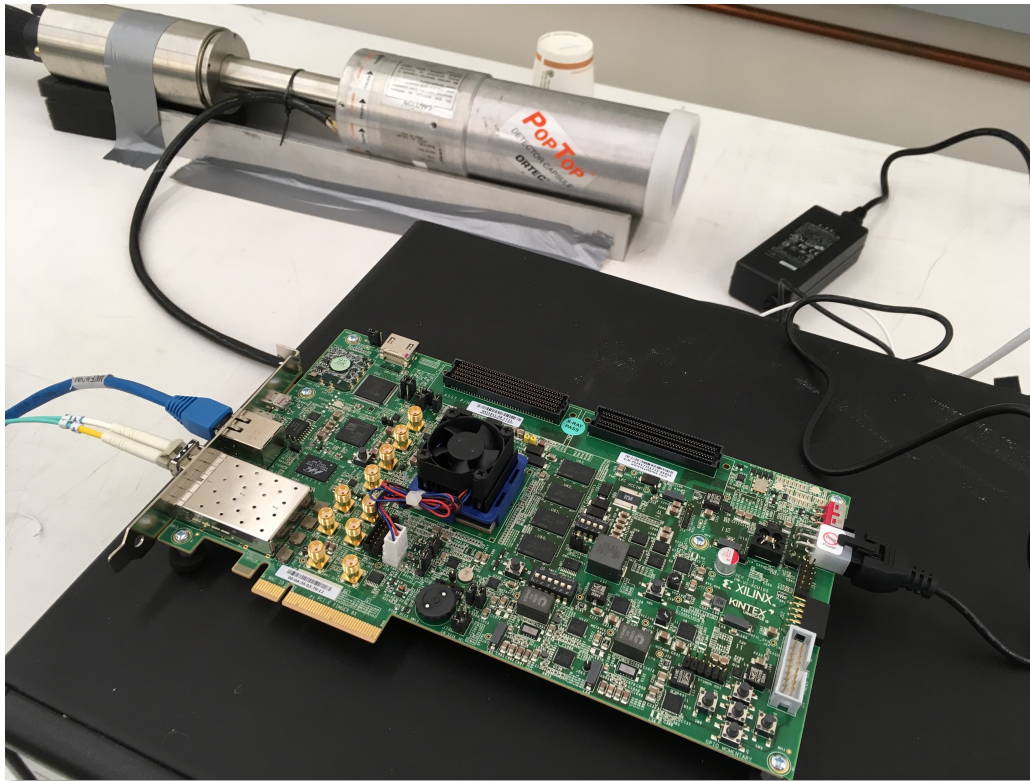




WP2 : Mu2e Detectors

Milestone-3 : Installation of MU2e HPGe detector : 01/01/2020

Integration of the STM DAQ with the Mu2e DAQ has begun at FCC in FNAL.



**Electronics Engineer from UCL
will be at FNAL for 2 weeks next
week working on STM firmware/DAQ**

HPGe detector arrives in Liverpool in May and will undergo initial characterization there before being shipped to FNAL for commissioning in Lab-3.



UCL : Secondment Status

Name	ID	Secondment Months (IN EU PORTAL)	Secondments Planned	Total (Taken + Planned)
M. Lancaster	25	10.5	1.4	11.9
R. Chislett	26	7.8	3.9	11.7
T. Stuttard	27	2.0	0.0	2.0
G. Lukicov	52	0.0	6.5	6.5
E. Motuk	72	0.3	0.5	0.8
S. Grant	79	0.0	6.5	6.5
G. Hesketh	80	0.2	0.3	0.5
TOTAL		20.8		40.0

Two significant student secondments plus collaboration meeting in Elba.
Likely to be close to allocation.

Budget expenditure OK.