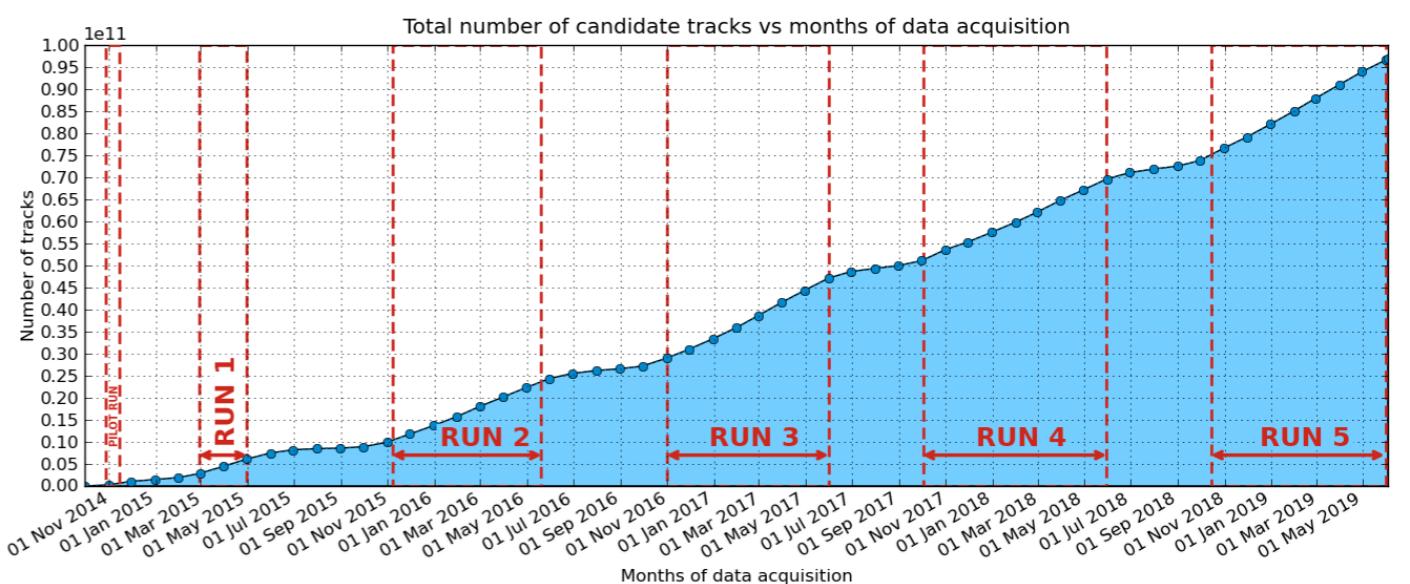
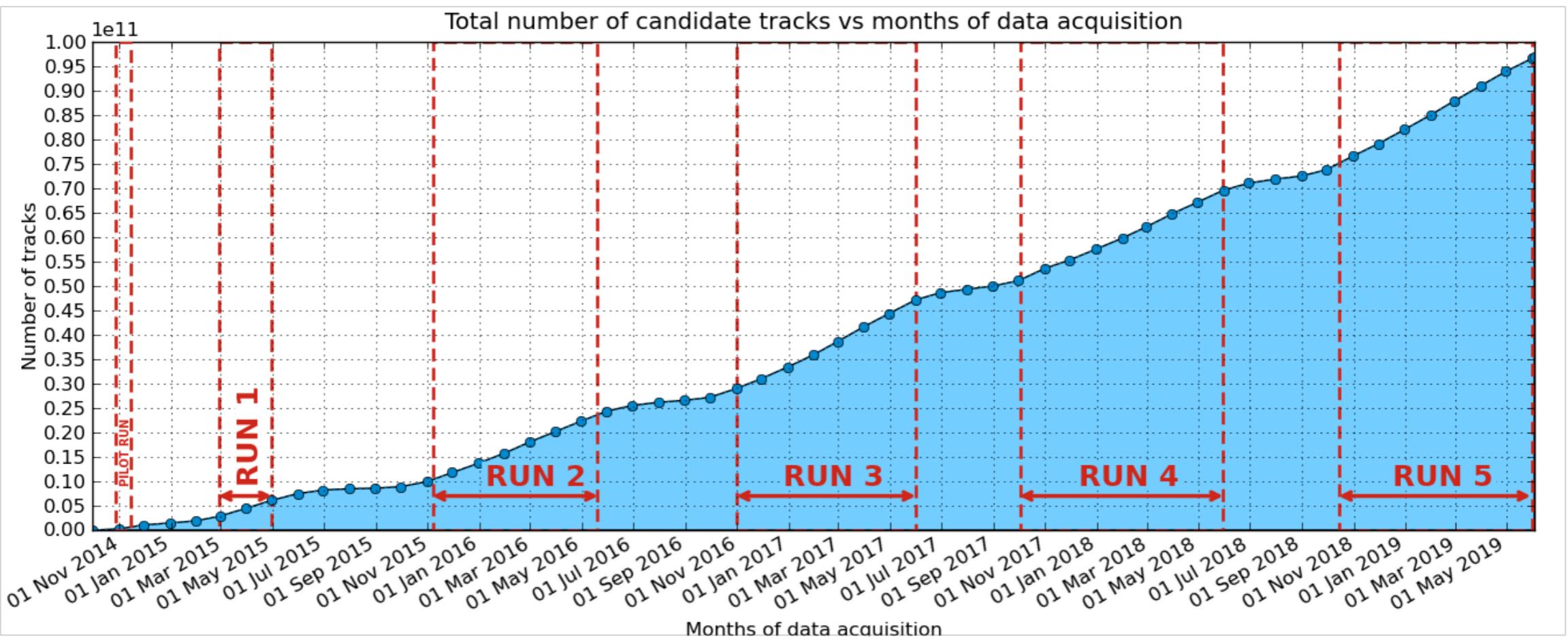


End of RUN 5

D. De Gruttola
Centro Fermi



Summary



- EEE telescope network acquired **~97 billion muons** since 1st of Oct 2014

RUN 5: 15/10/2018 - 31/05/2019 229 days

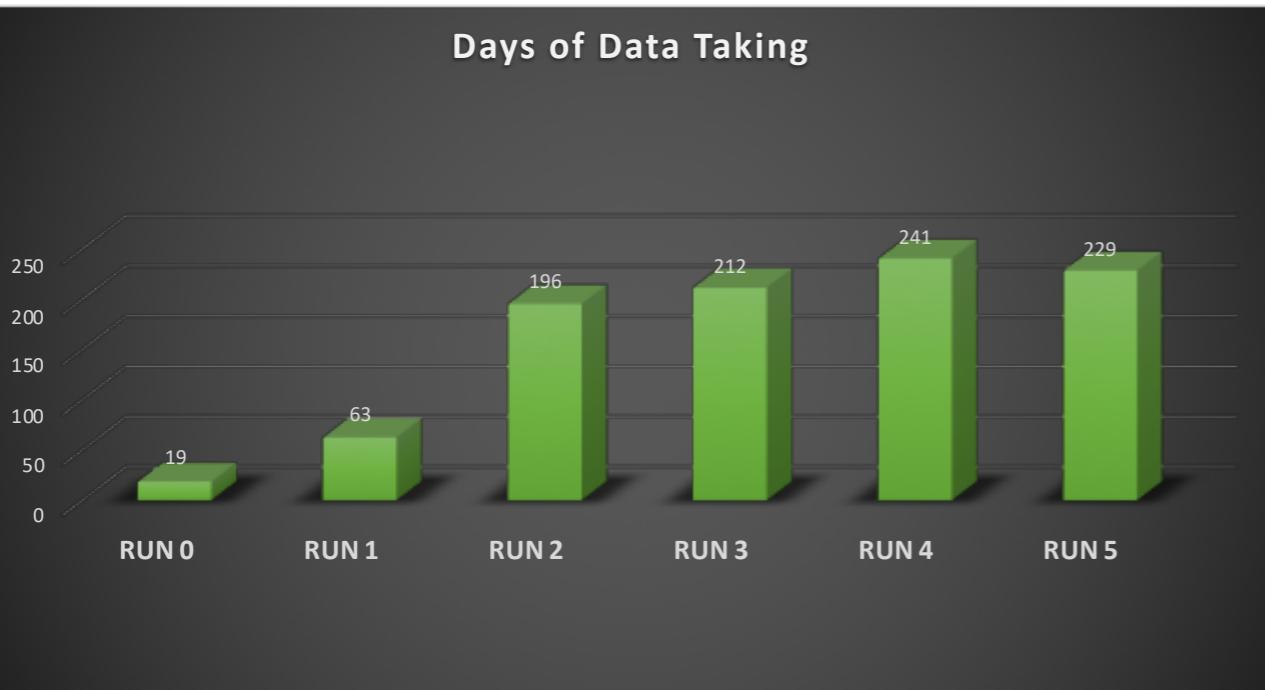
- In RUN 5 the slope slightly **increased** wrt past Runs
- We are happy for the **good performance** of the array

We can do better

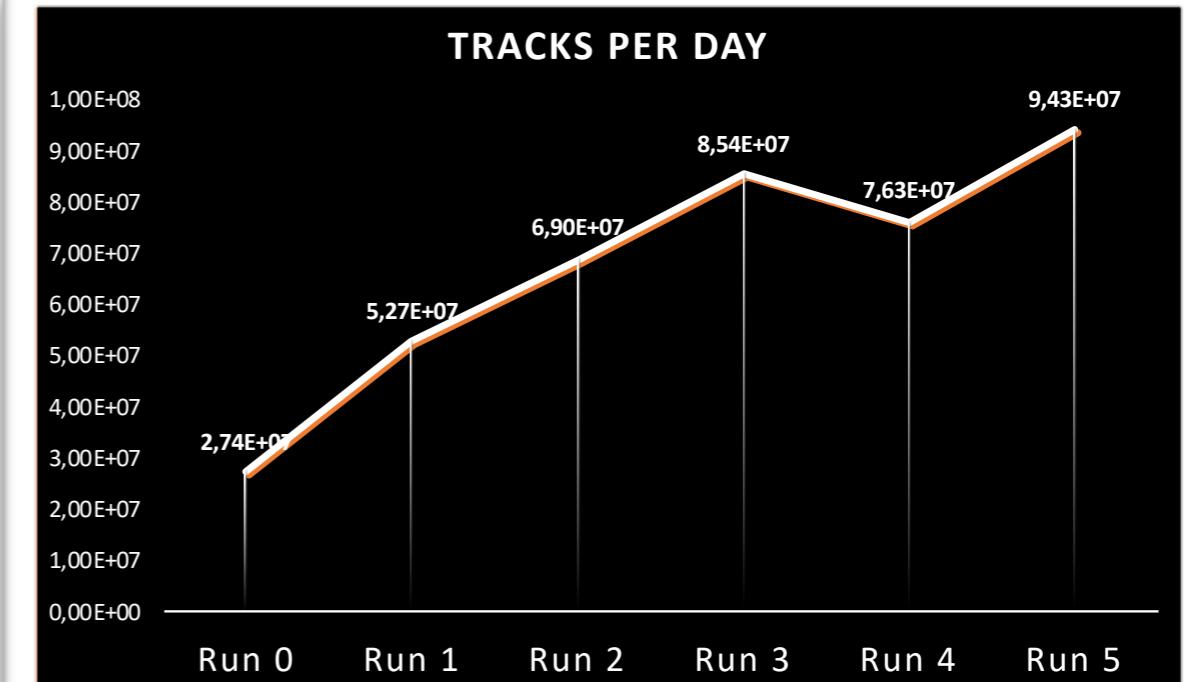
We can do better

Some statistics

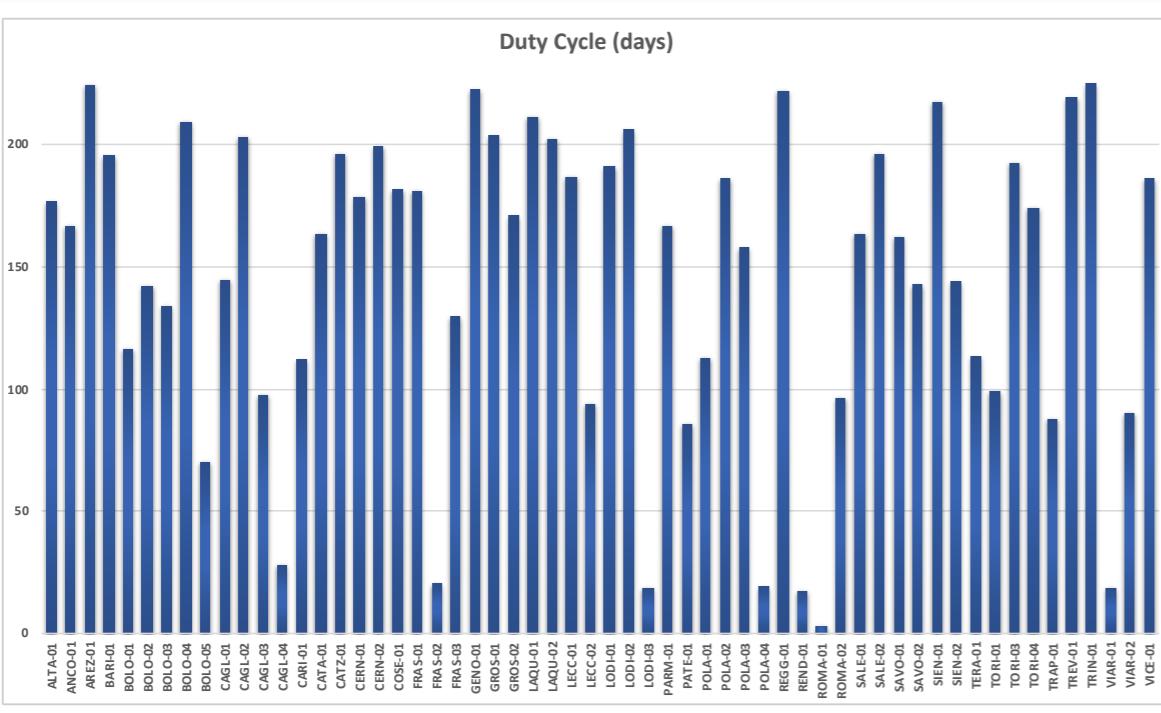
Days of Data Taking



TRACKS PER DAY



Duty Cycle (days)



RUN 5 more than 94 million muons per day

Number of telescopes increased and at the same time a few telescopes improved duty cycle

Issues on some telescopes can be fixed soon
(task force intervention, trivial issues some cases)

Conclusions

As RUN 5 ended and at the moment there is lack in the provision of freon, we need to stop almost all telescopes

A few selected telescopes will stay on during the summer, with the following requirements:

- ★ Air conditioning (or room usually not too warm)
- ★ Room easily accessible (not too many days of school closure)
- ★ Telescope constantly monitored (remotely and on site)
- ★ Gas flow reduced from 2l/h to 1l/h (absence of gas leakage)

!!! Thank you for your help and enthusiasm!!!

Looking forward to work together in RUN 6