

# NA62

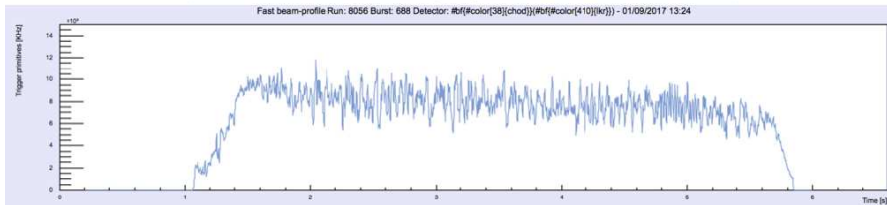
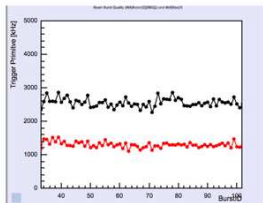
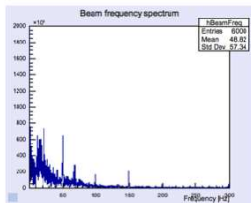
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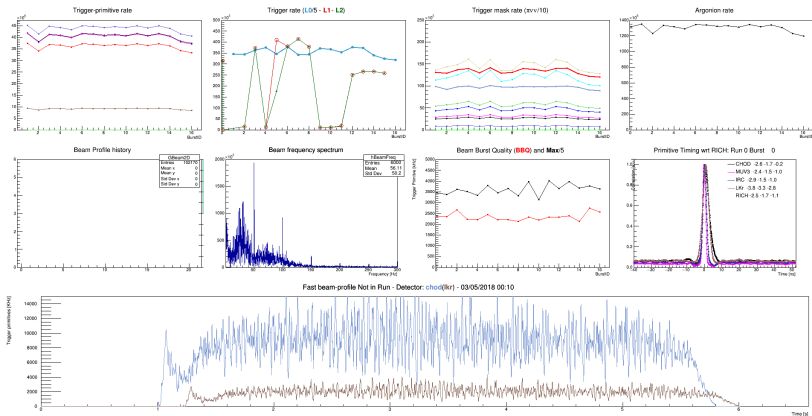
SPS User Meeting  
May 3 2018

- We measure Number of trigger primitives (from a scintillator hodoscope) every millisecond and plot this: “Spill Profile”
  - We take the RMS of the distribution between 2 and 5sec: “BBQ”
  - We also plot the Fourier Transform of the Spill Profile
  - All plots a published on our Webpage to be used by the SPS operators to improve the Spill Profile
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- In 2017: BBQ 1000 – 1200
  - In 2018: BBQ >2000 (like in 2016)
  - $\implies$  Very often we run at  $> 120\%$  of our nominal intensity

# Beam Quality in 2017



# Beam Quality in 2018



- Every Wednesday we need a patrol because 2 doors appears to be “forced” or “unsafe”
- This was already like this at the end of last year. And we are sure that we do not get close to these doors.

