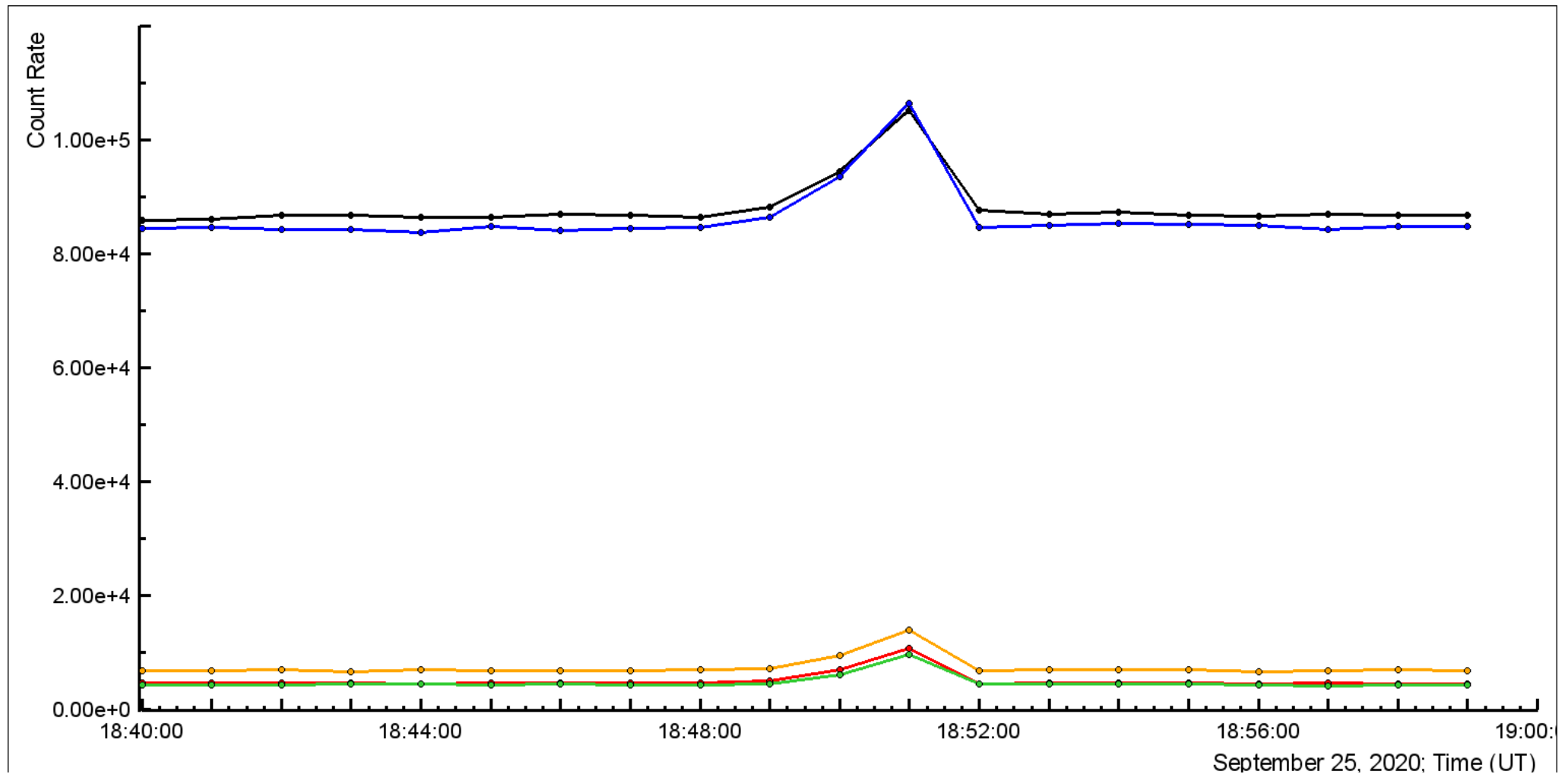
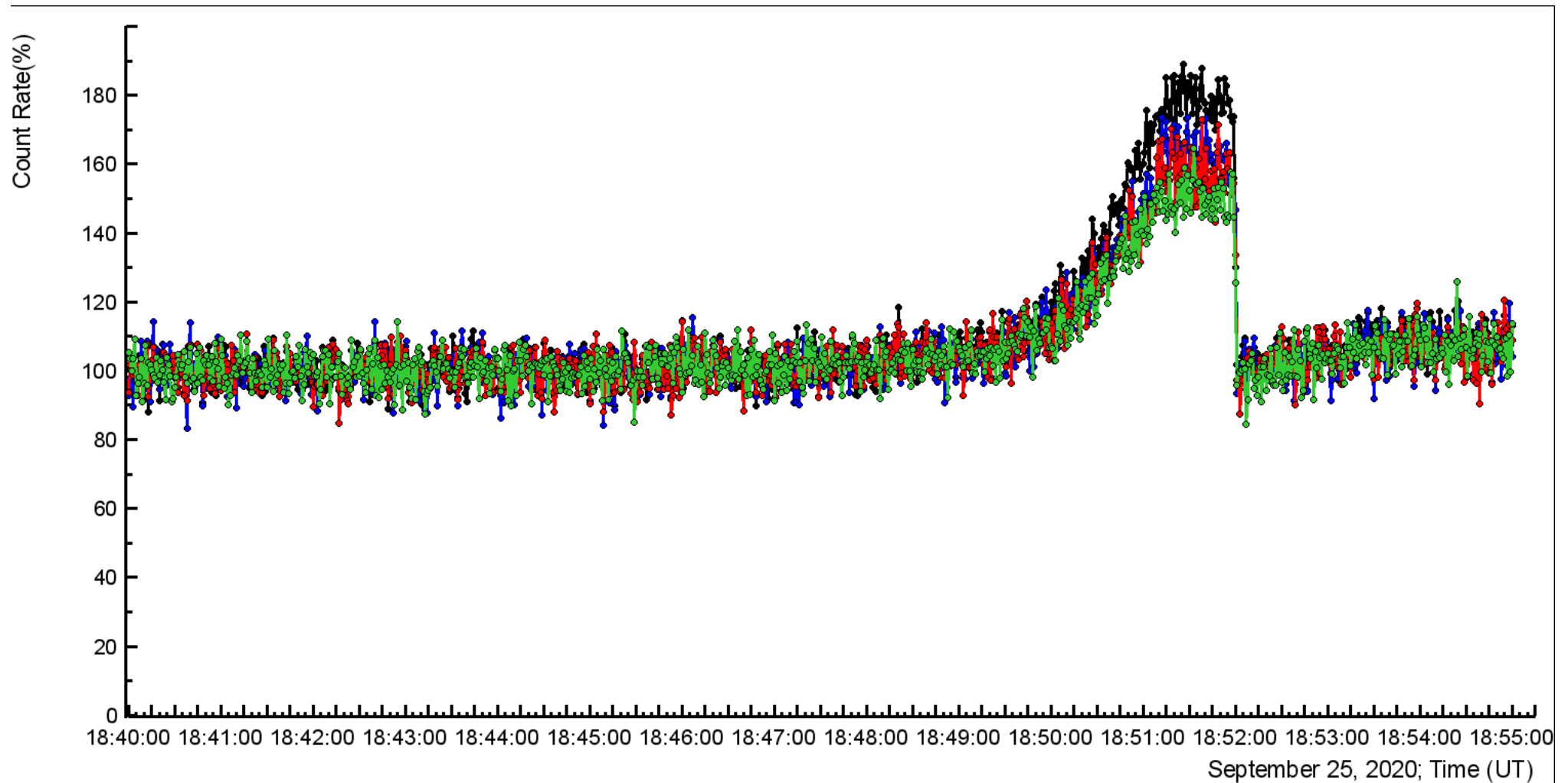


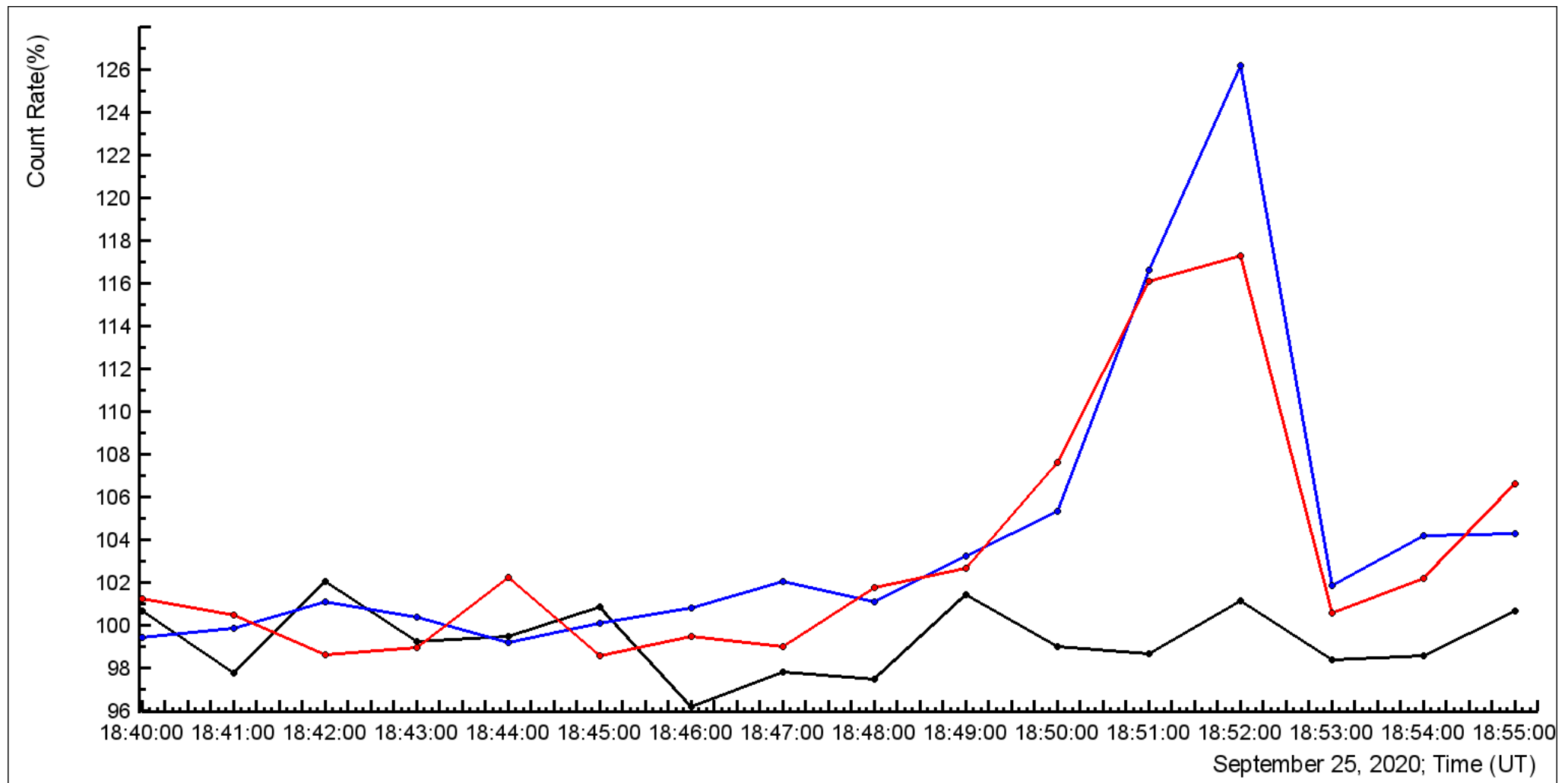
# Nal spectrometers after moving to room with stable temperature

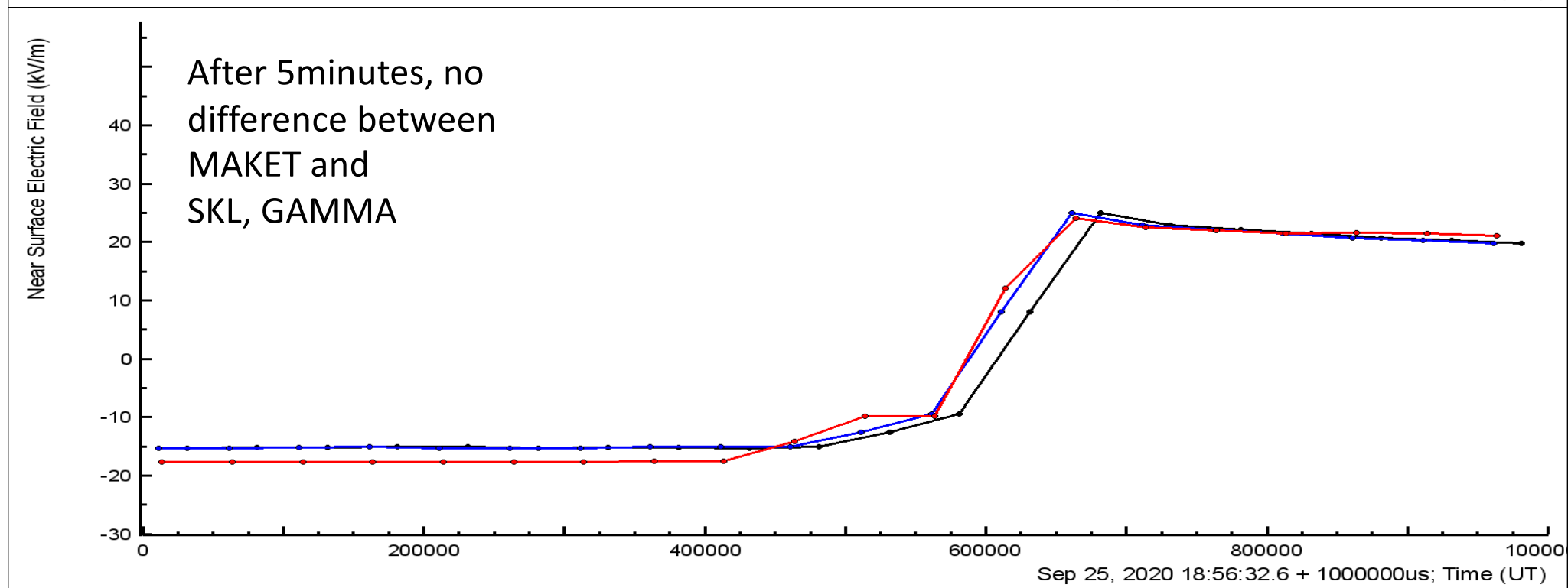
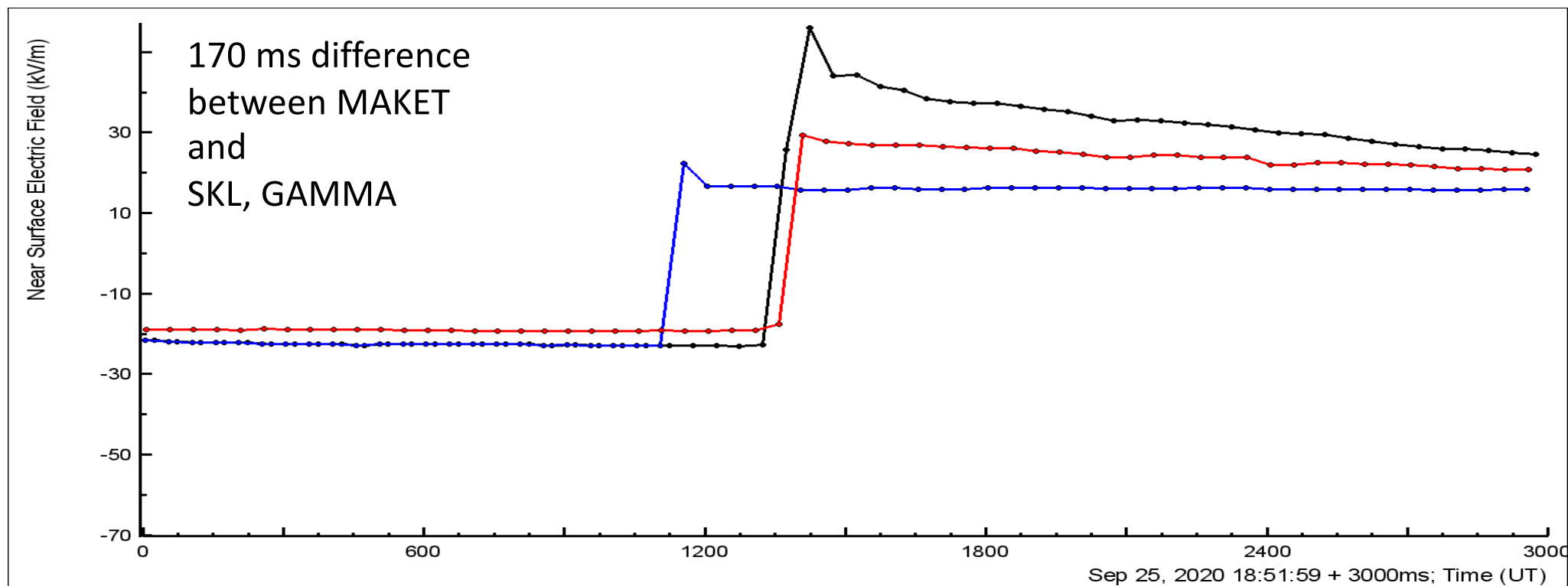


# 4 channels of the SKL STAND1 detector

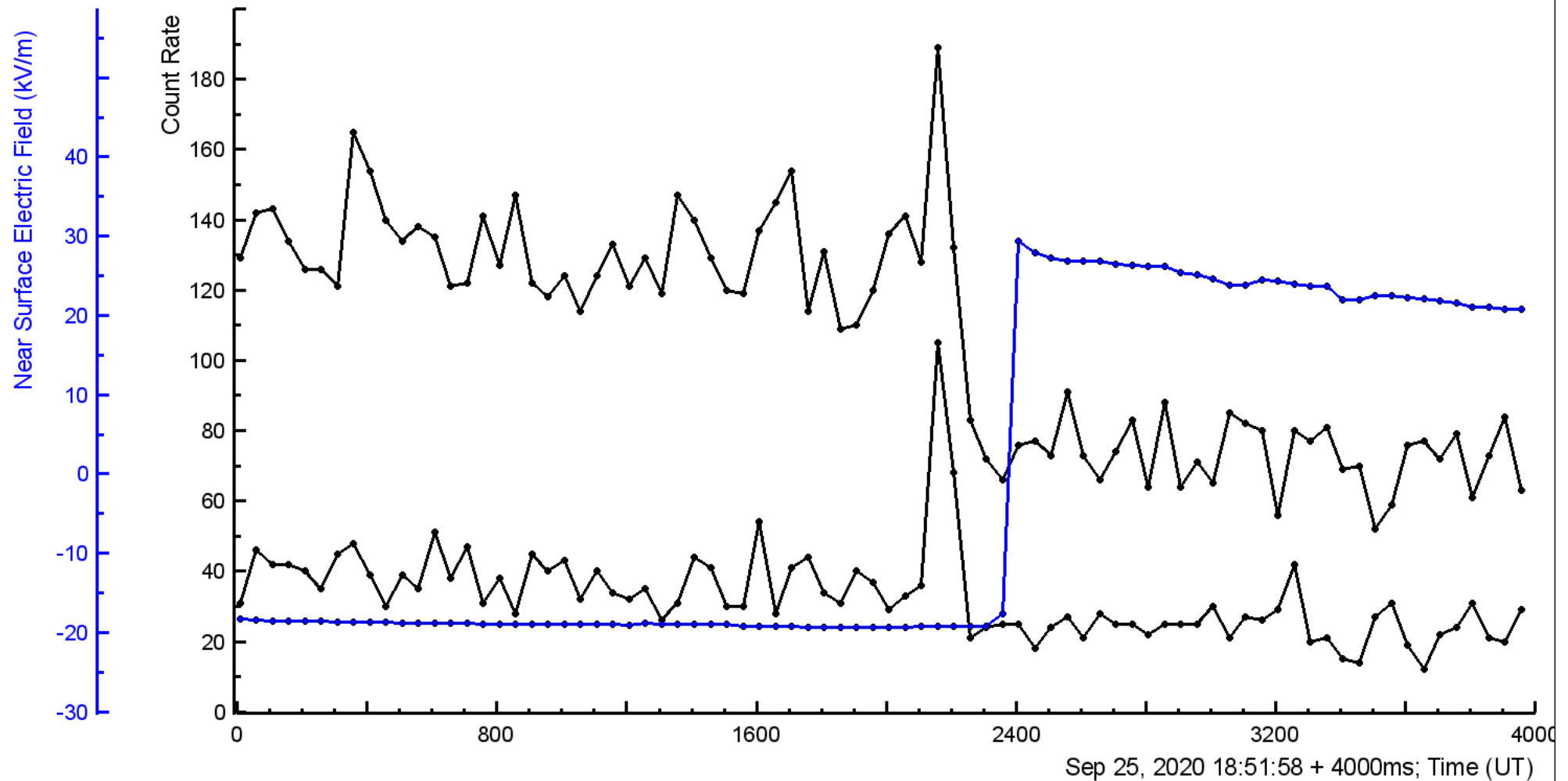


# SEVAN 111 (muons), 100 and 010 (gamma rays and neutrons)

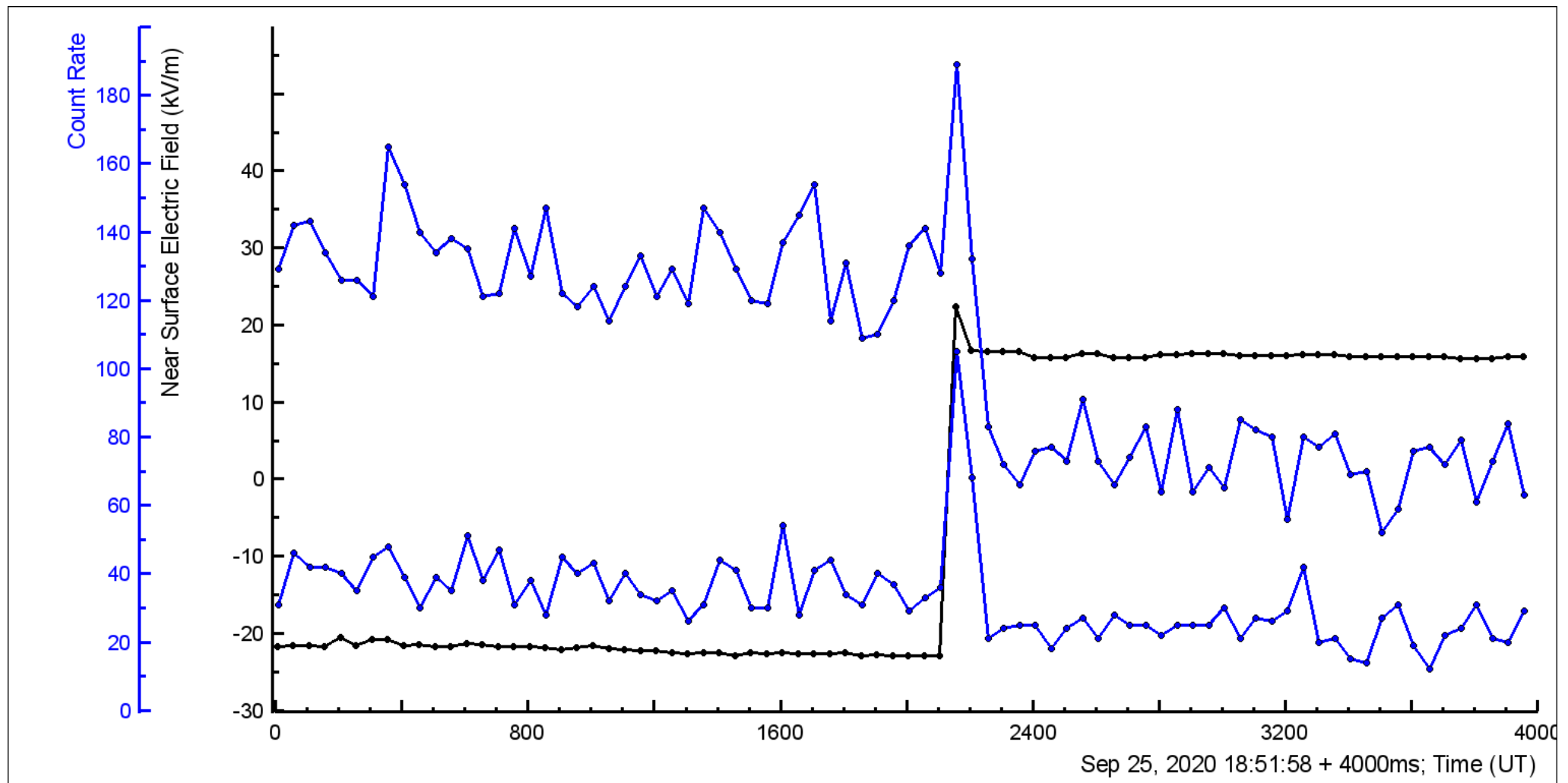




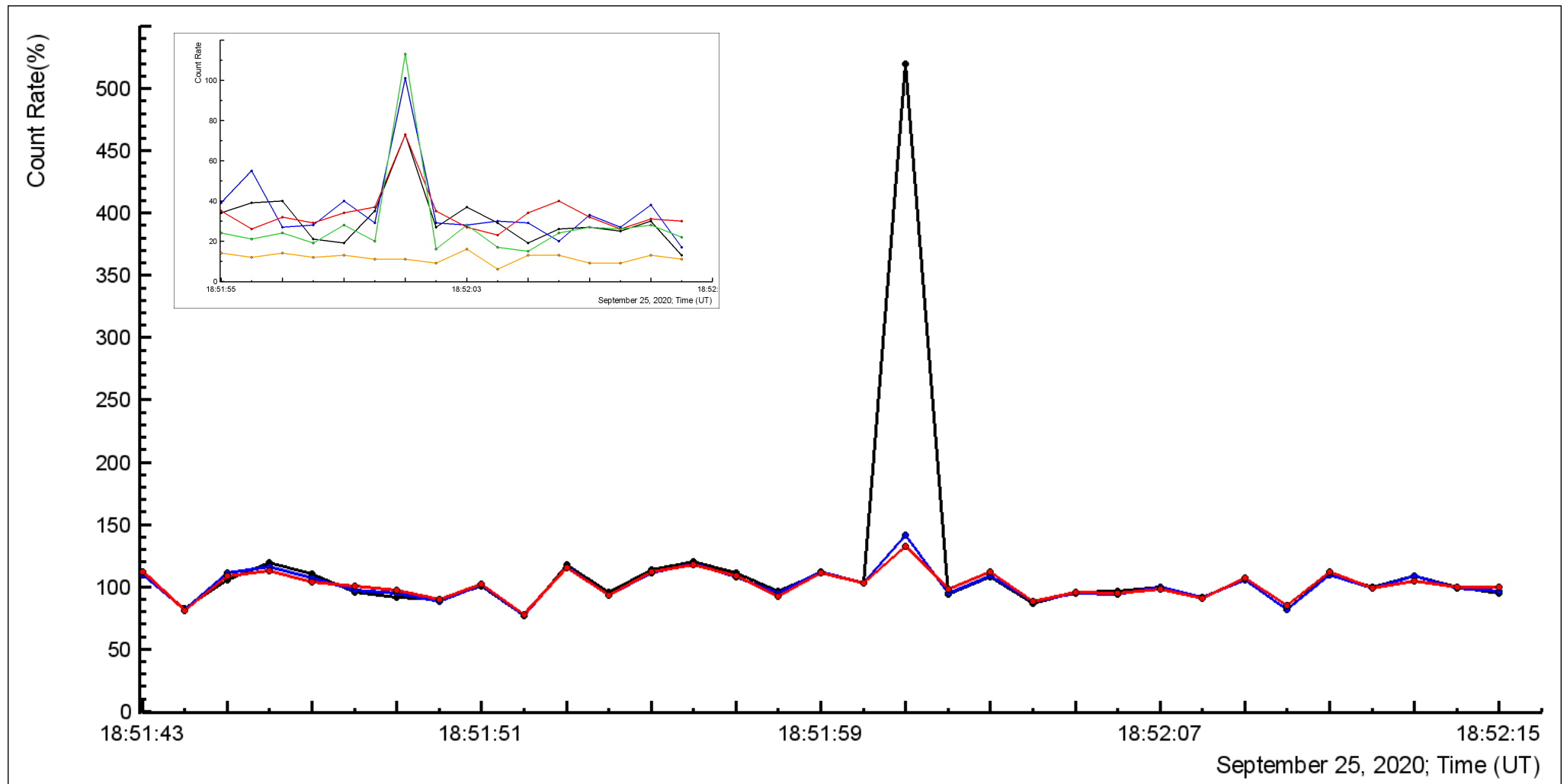
# NaI and 3 cm thick scintillator SKL, SKL electric sensor: particle burst before lightning or interference?



# Nal, 3 cm thick scintillator and MAKET electric sensor: interference?

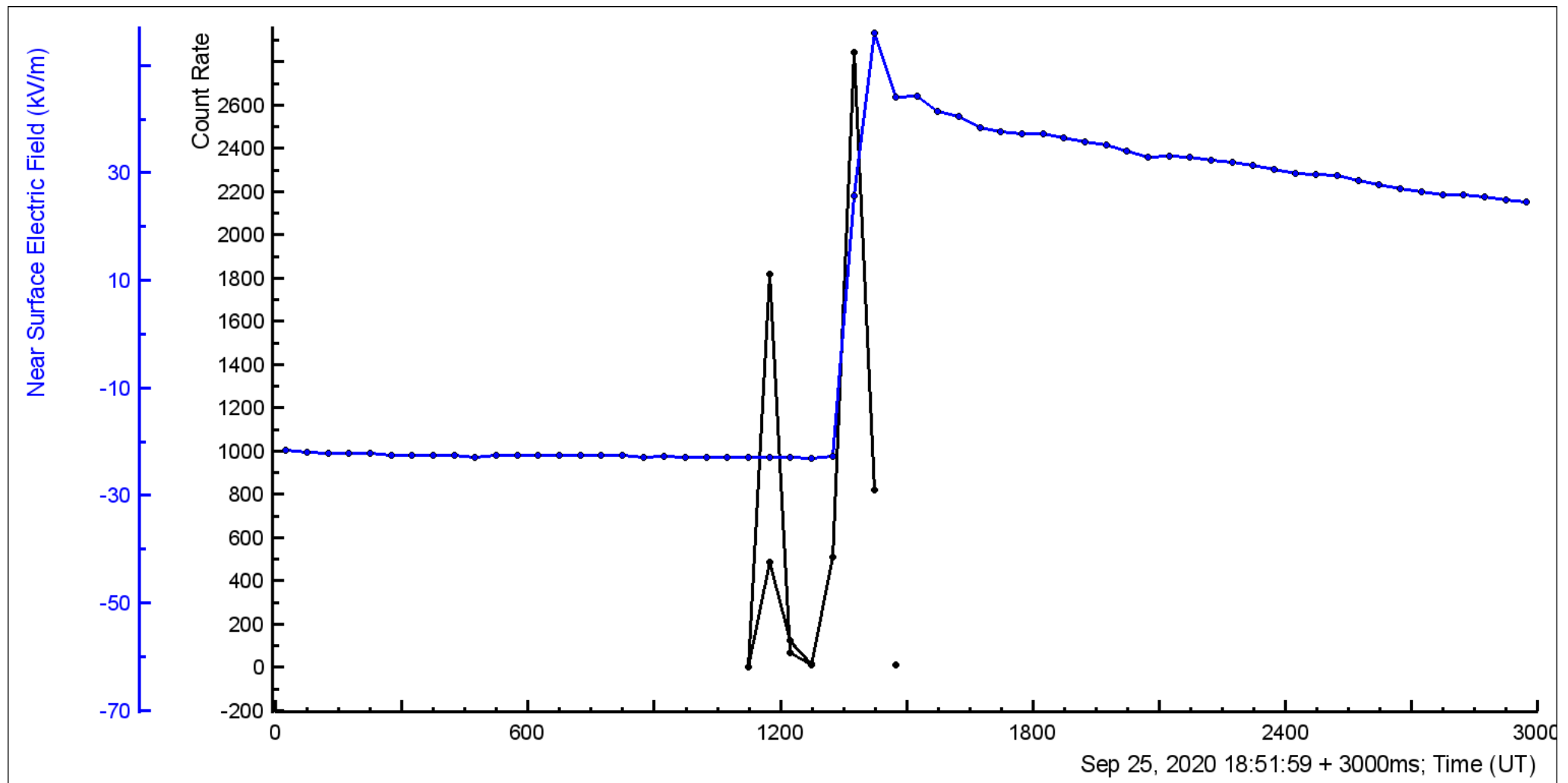


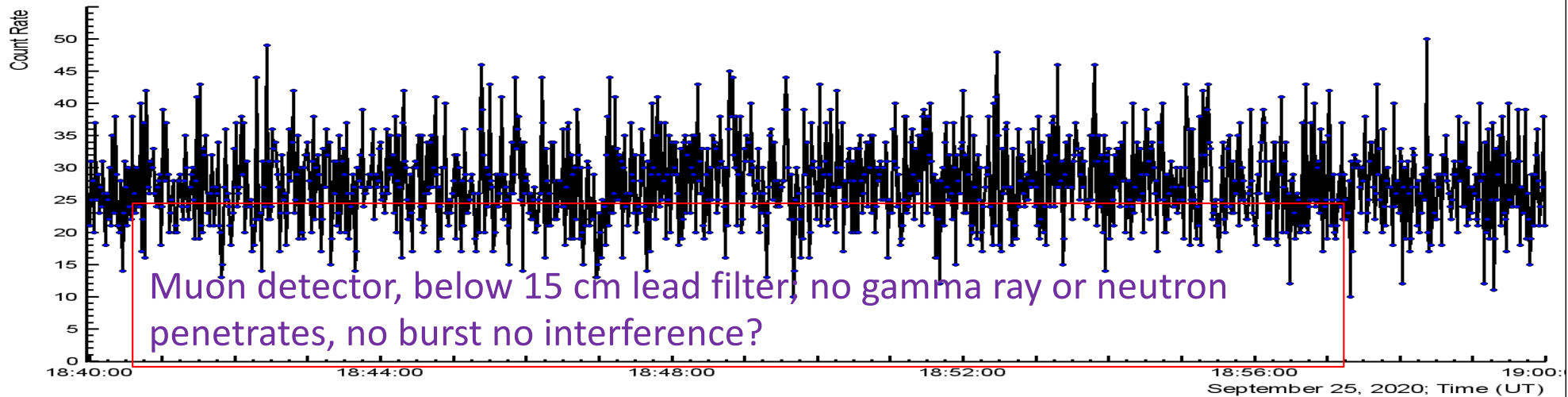
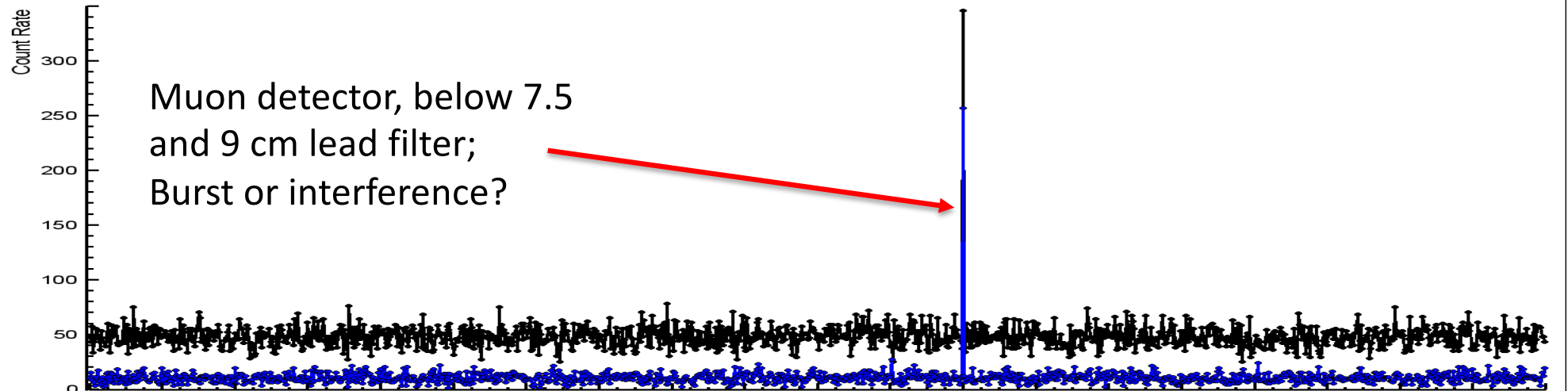
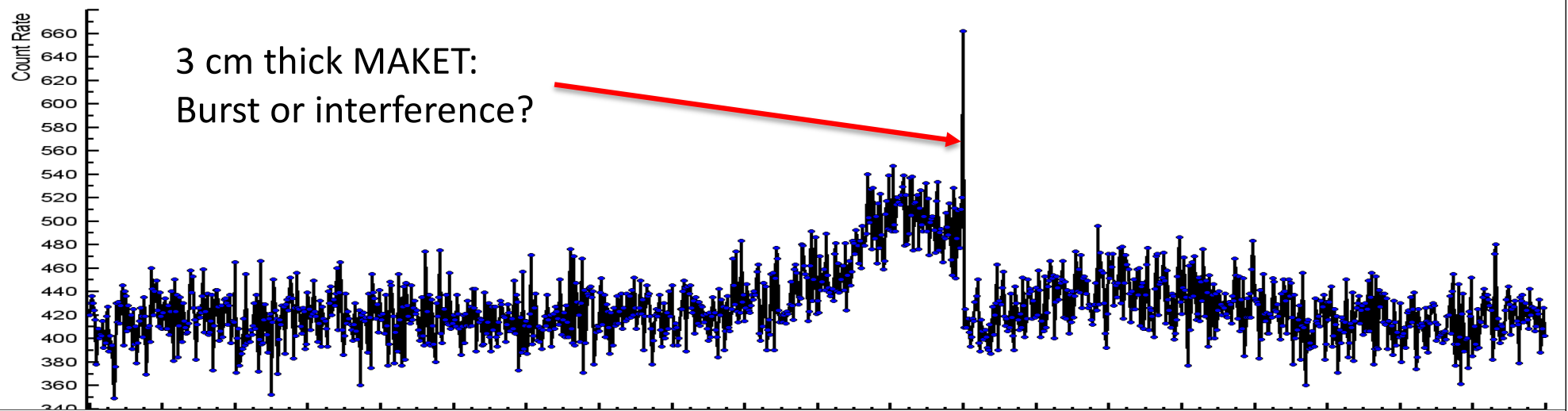
# ArNM neutrons in all operating channels the same second!

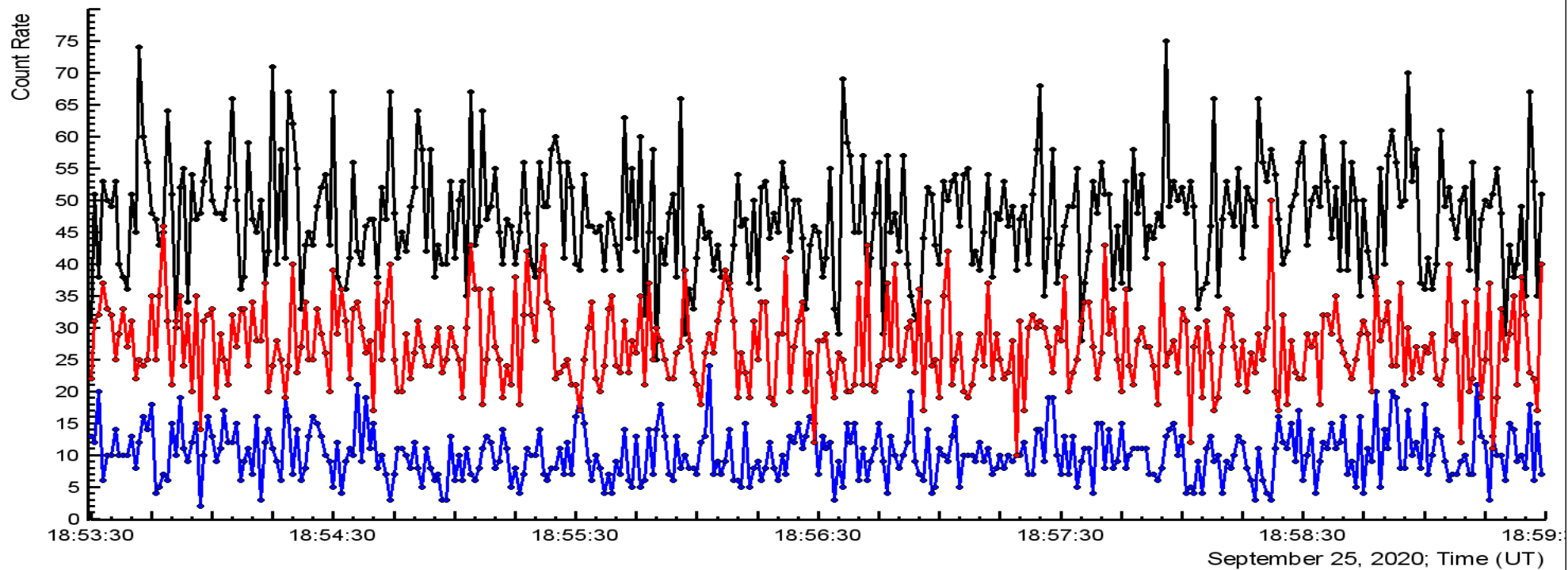
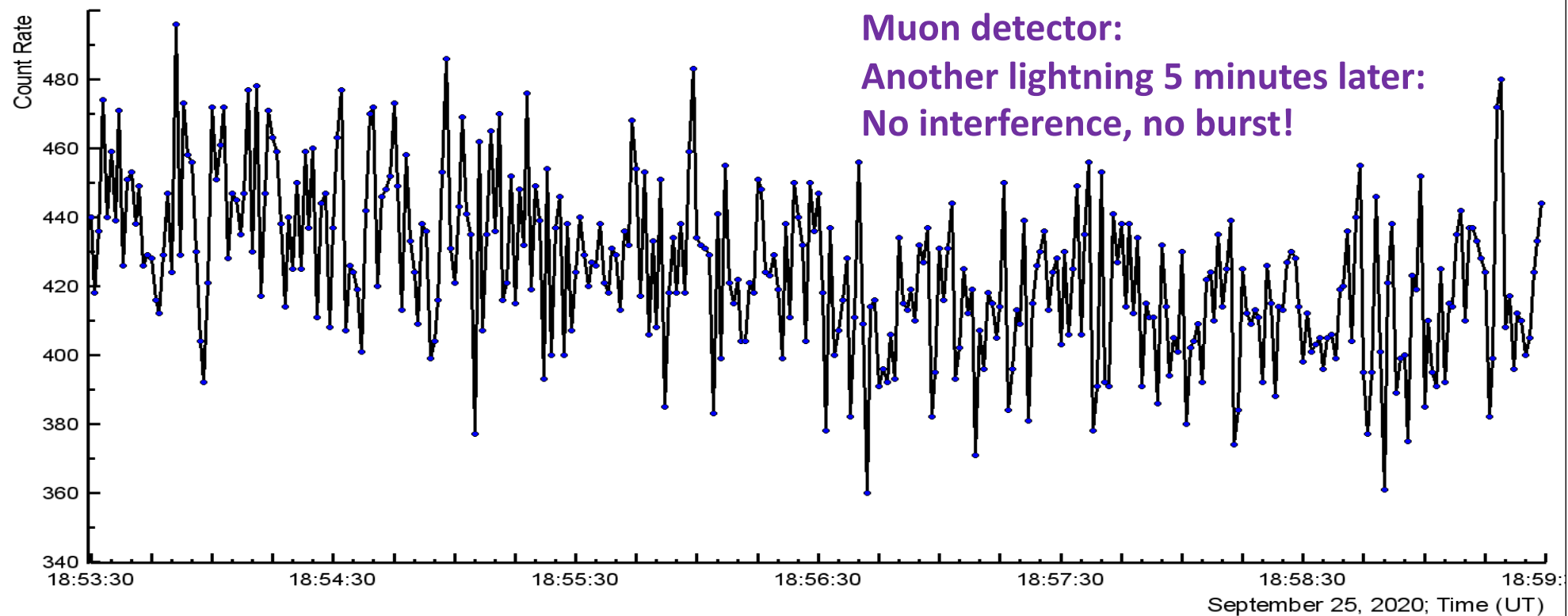




# Dufik+ SKL EFM: 2 UV peaks one – burst (or corona discharge?), second lightning?







## 25 September large TGE: clouds 300 m above station: first time detected TGE from such a high cloud

- Gagik, Balabek, energy spectra by NaI and ASNT – look for electrons!
- Suren, Gena, compare electromagnetic radiation and signals from particle detectors on nanosecond time scale;
- Suren – determine the lightning type!
- David – time synchronization with MyRio network;
- Balabek – one-second photos from panoramic camera and “spy” camera to reveal a corona discharge!
- Harut, Balabek: how to have data from all cameras in one database and how to make looking photos user-friendly!