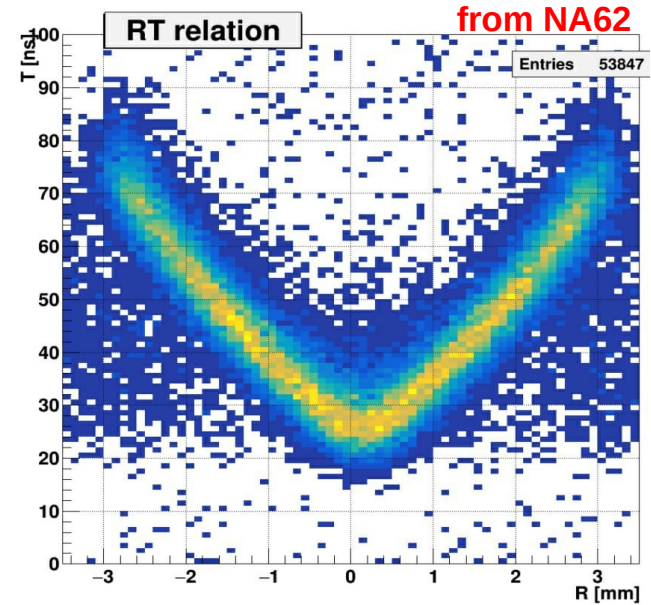
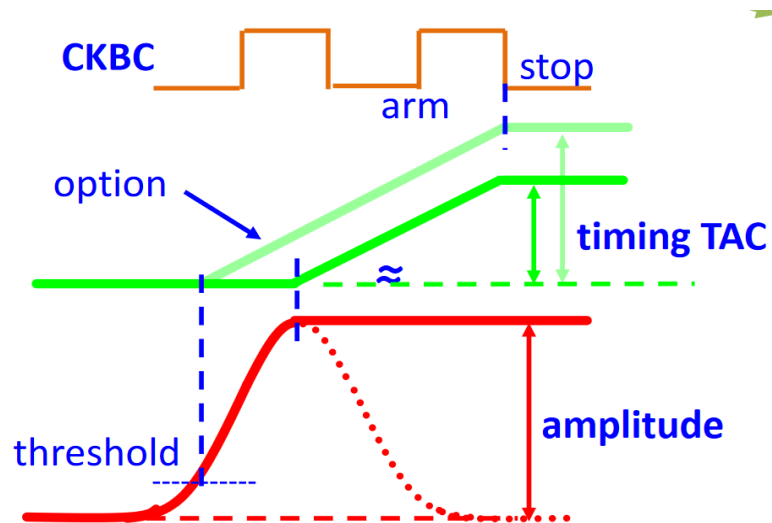


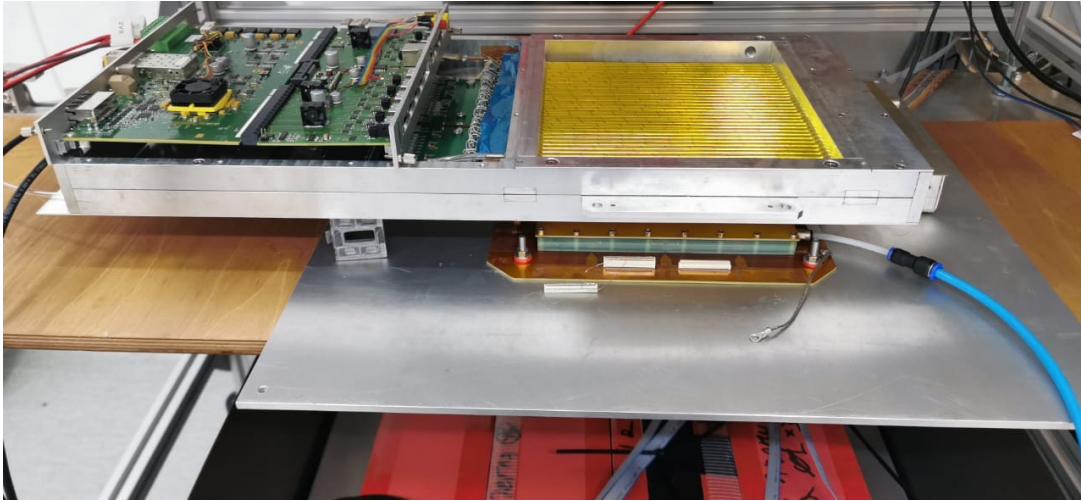
VMM3/3a readout for straw tubes

- VMM3/3a in time-at-threshold read-out mode
 - vital for $r = r(t_{\text{drift}})$ measurements
 - not tested well up to now, since usual VMM operation time-at-peak



- Goal of the study
 - time/spatial resolution of a straw with VMM-based readout
 - Operation stability

current lab setup



Very first measurements with muon beam
(H4 SPS) - Oct21

Upcoming test beam: May/June 22

Considered setup at H4 SPS TB

Synchronized read-out + dedicated DAQ:
at least straws+scint read-out with VMM3/3a

