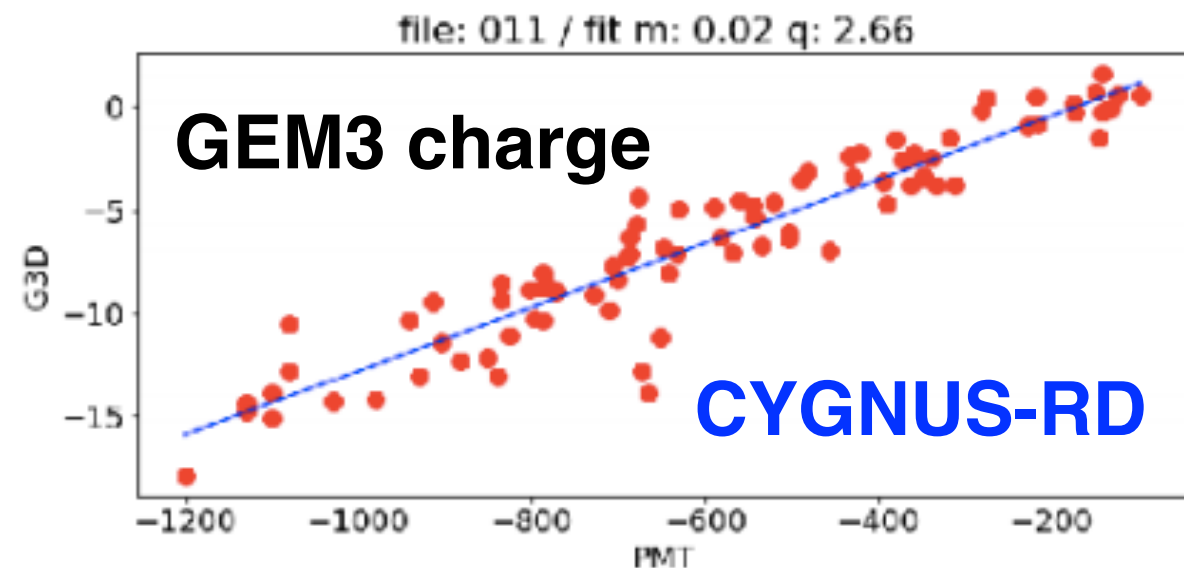
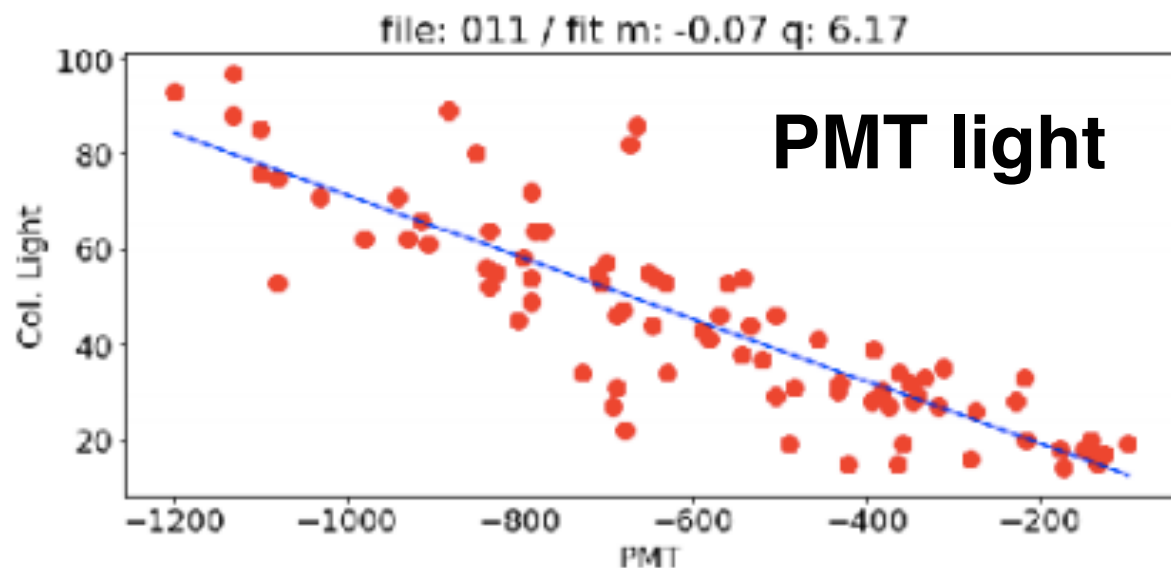


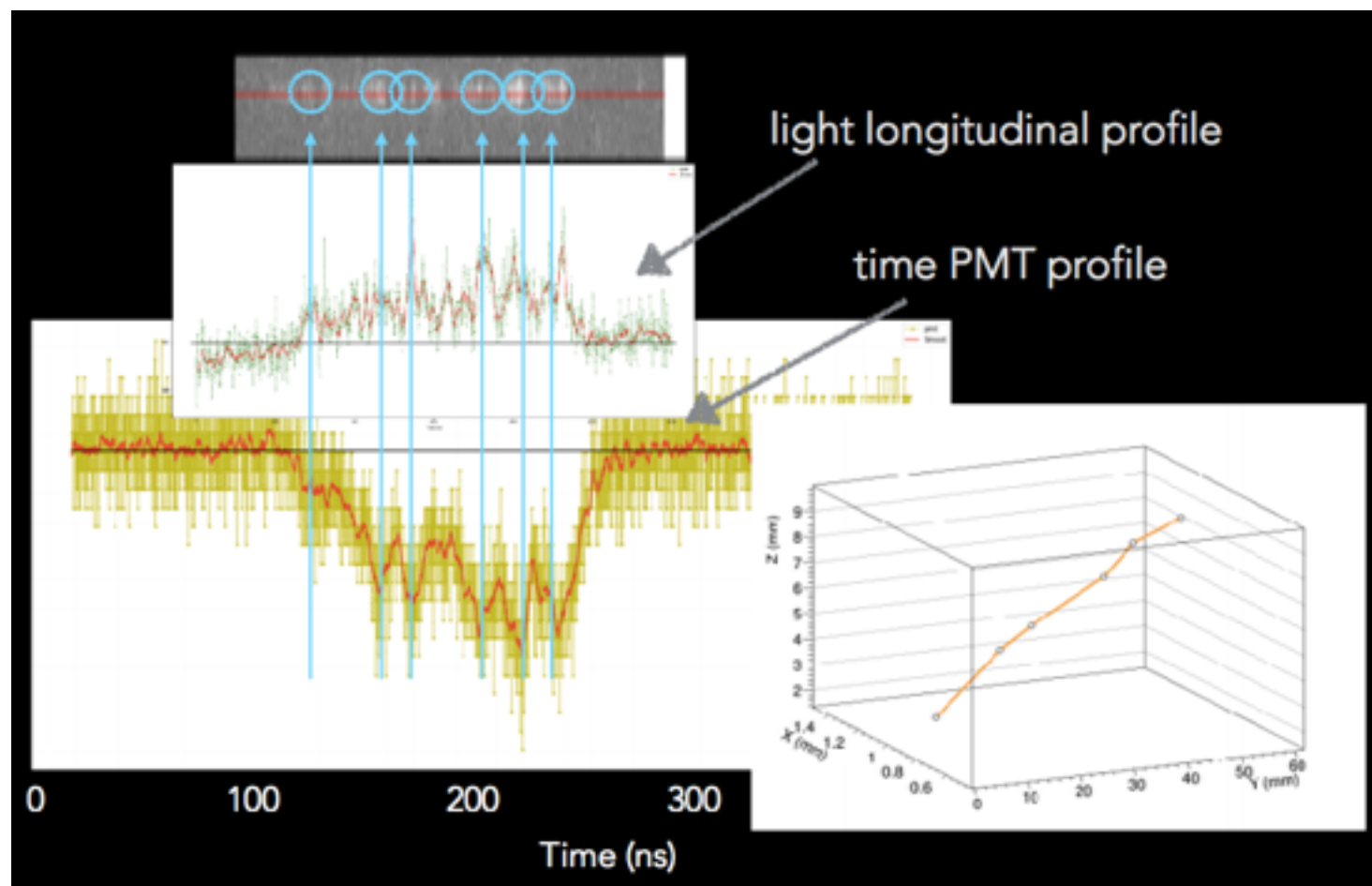
LNf R&D update

R&D recap

From presentation at Melbourne and last gas meetings:

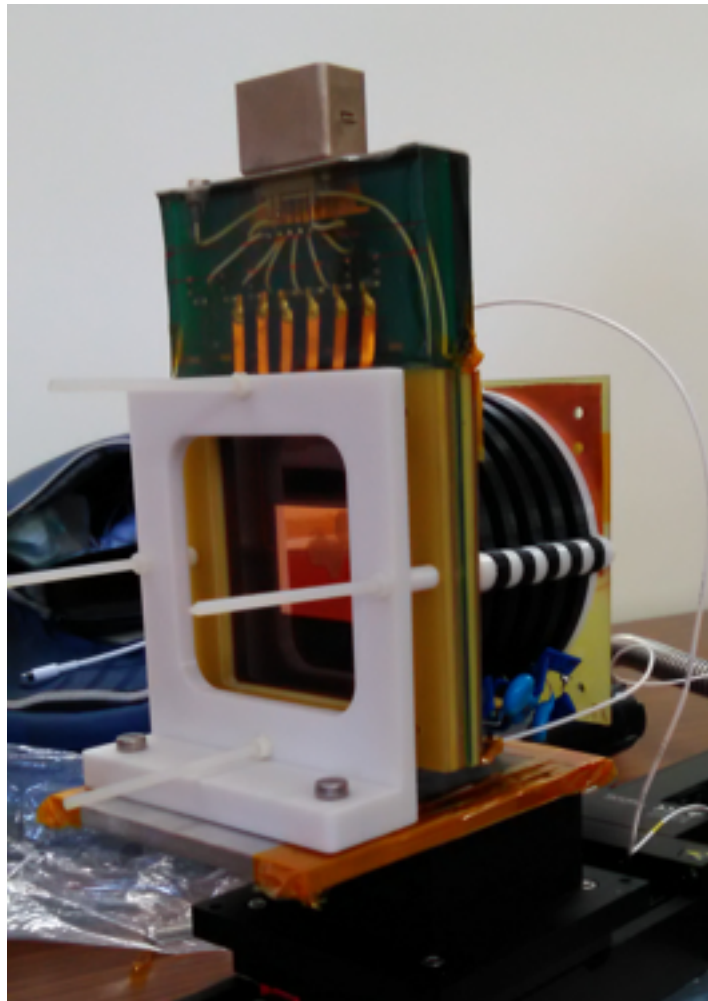


Correlation between charge signal on last GEM and PMT light signal

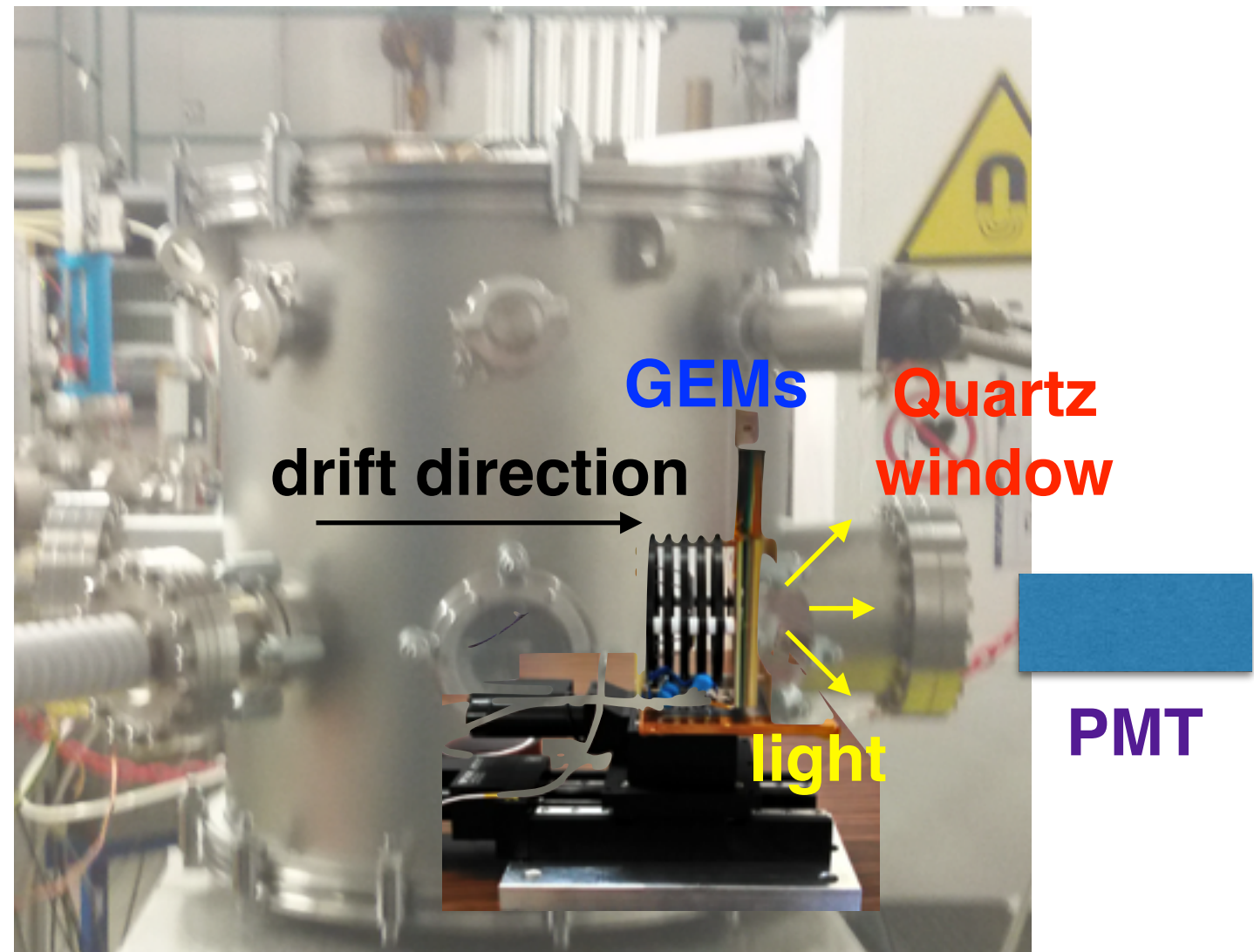


NITEC

While waiting for a new Timepix, we decided to continue our studies with triple thin GEMs + PMT light readout



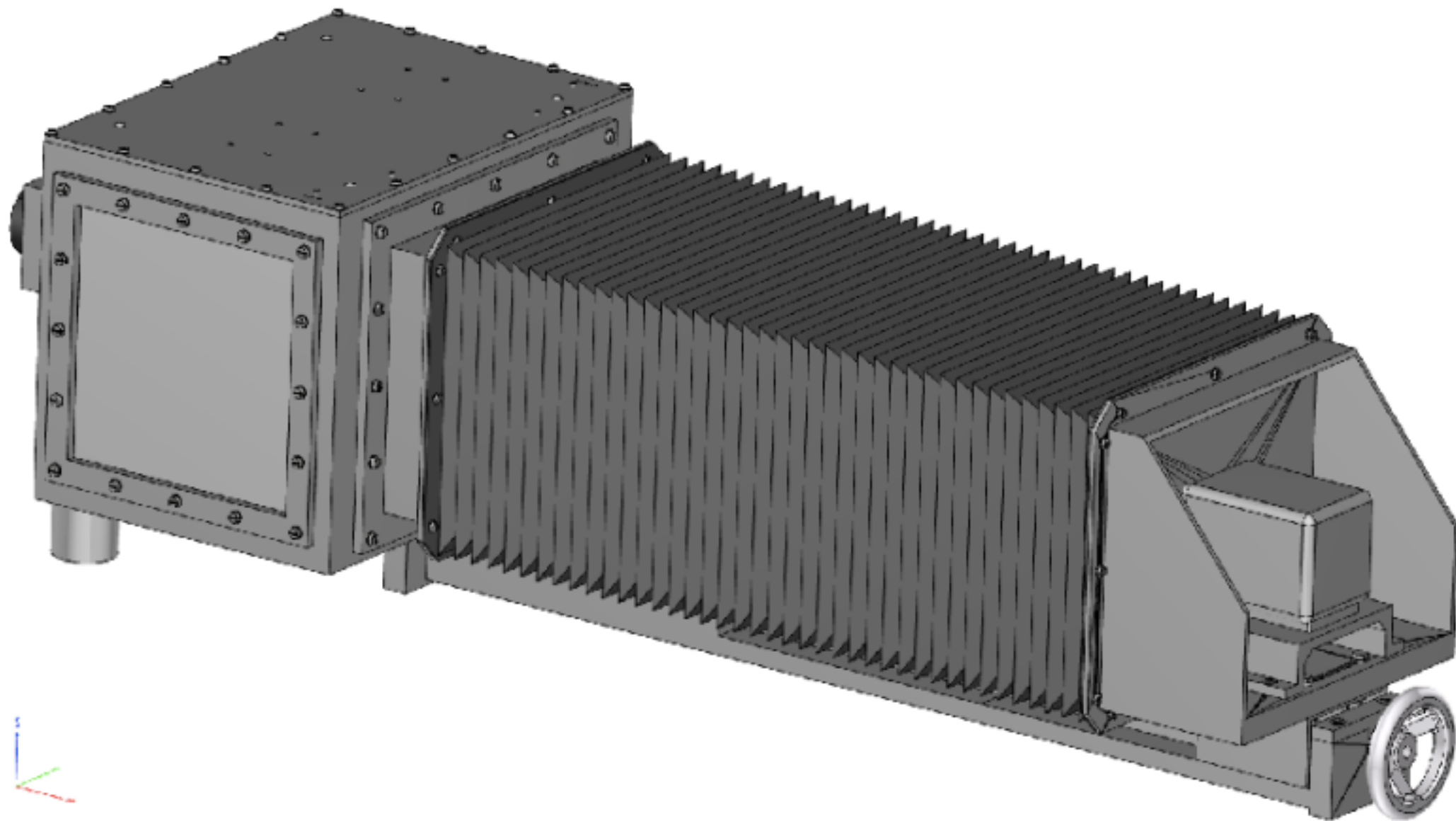
Removed timepix to expose GEMs and collect light produced in the avalanche process



Tomorrow start characterising with electron drift in He:CF_4 , soon move to He:SF_6 and negative ion

CYGNUS-RD

Working on new prototype with 20 x 24 cm² triple thin GEMs + CMOS + PMT (+ possibility to read last GEM current with preamplifier)



CYGNUS-RD

Under manufacturing, ready by end of June, about 10 days
foreseen beamtest by end of July

