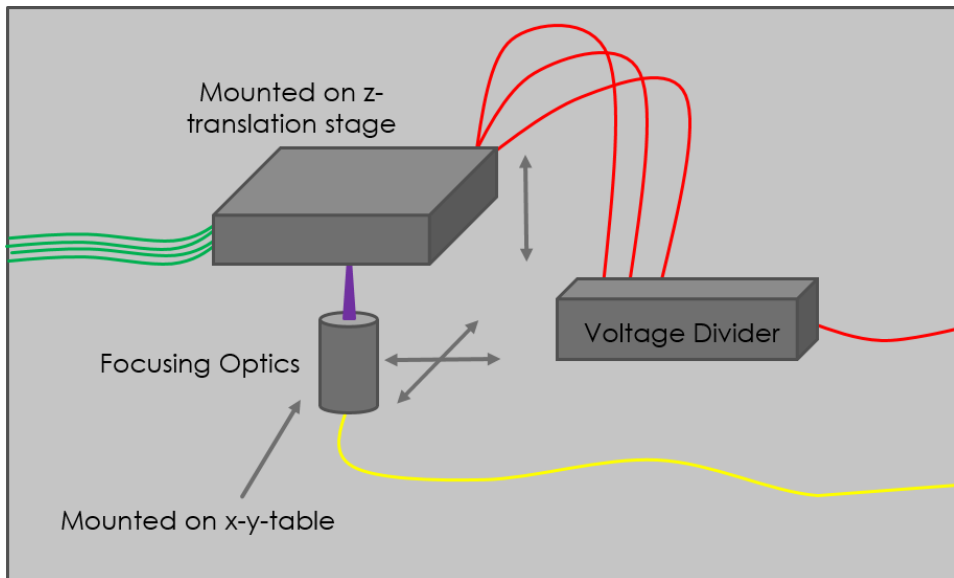
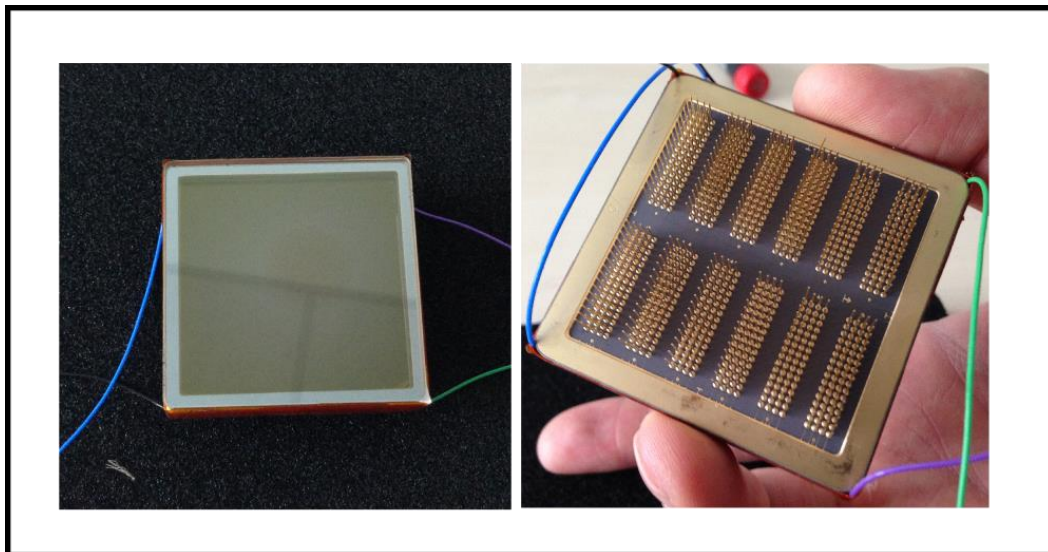




A first glance at the 128x6 Hamamatsu MCP-PMT

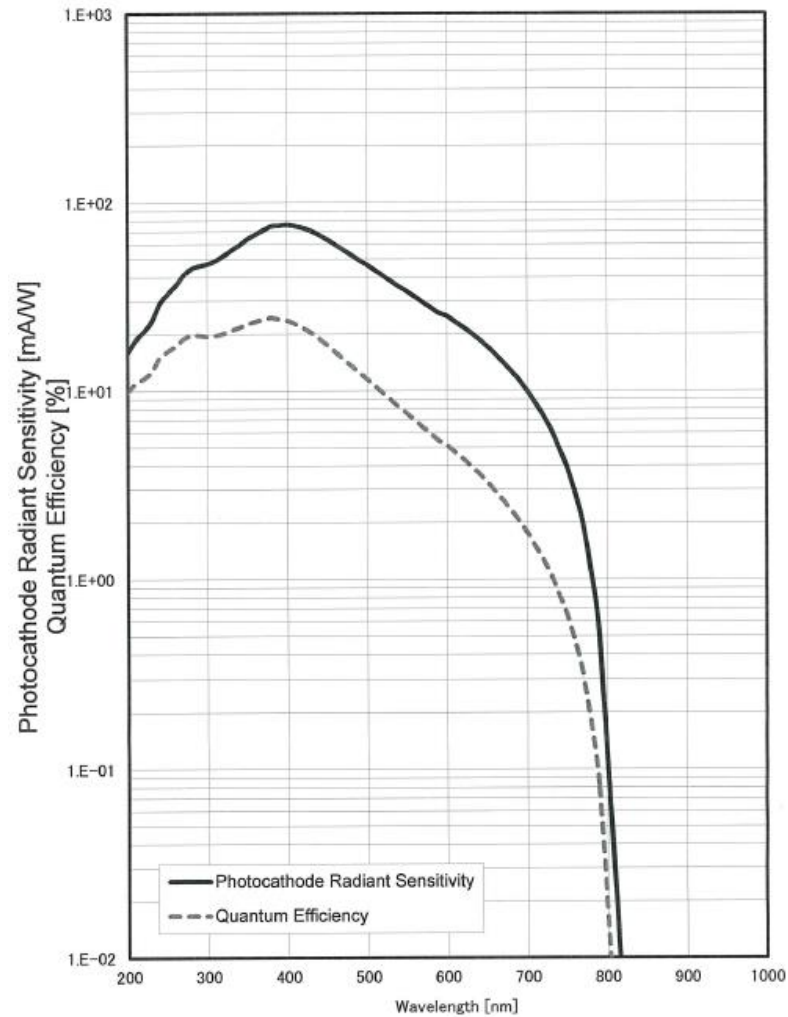
PANDA PID-Meeting, 2015

Test Setup



Spectral Response Characteristics

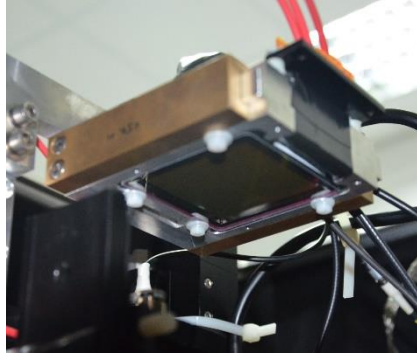
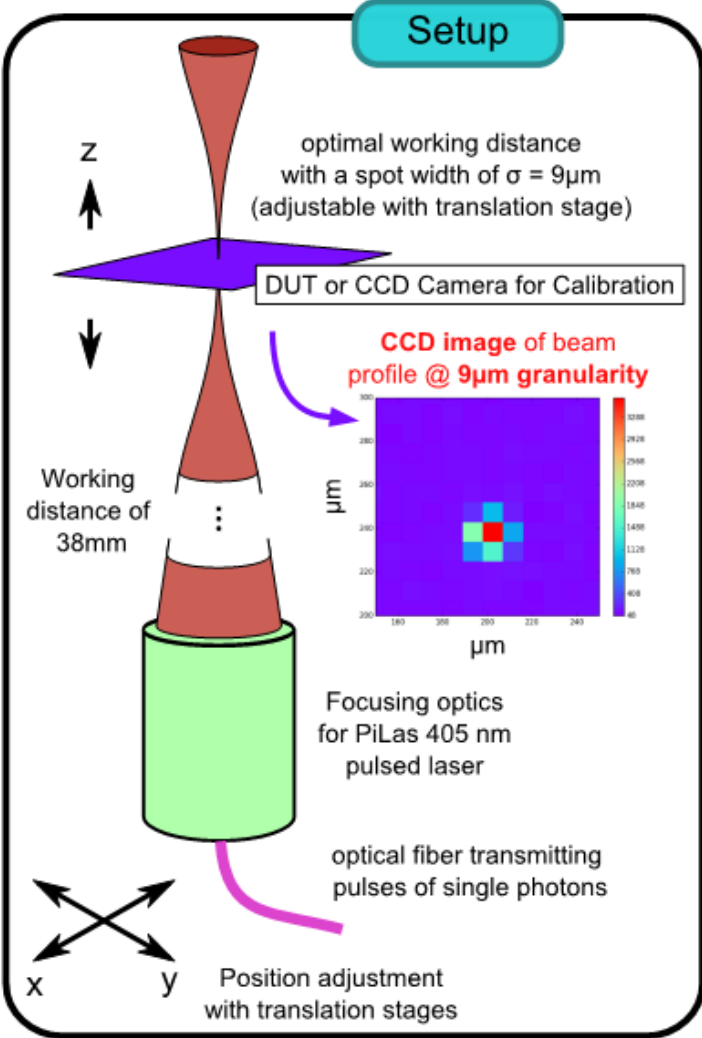
Tube Type MCP-PMT 128X6 Tested by K.KATOH
Serial No. JS0014 Note + 200 V
Date Aug.08, 2014



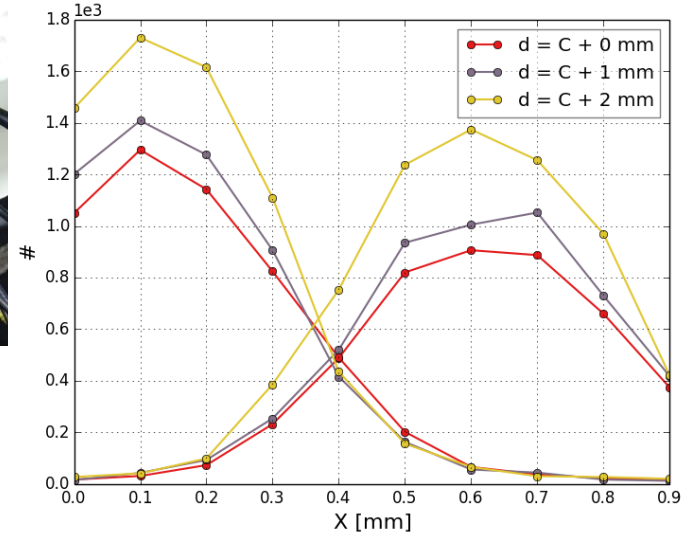
Test Setup



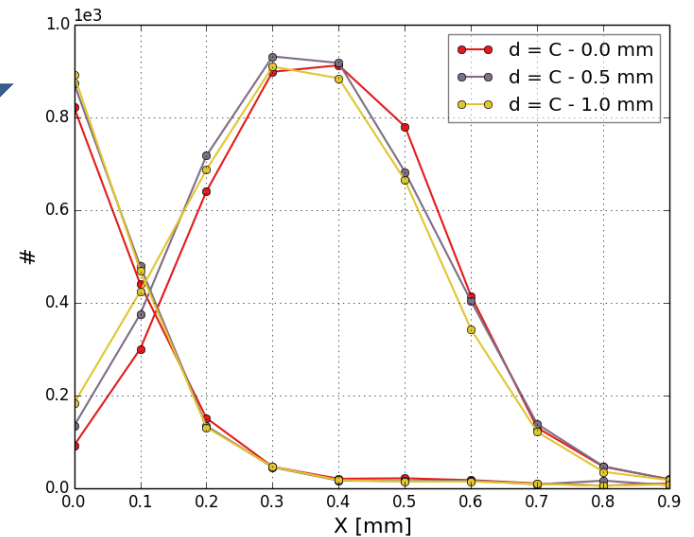
Test Setup



Recorded with PHOTONIS

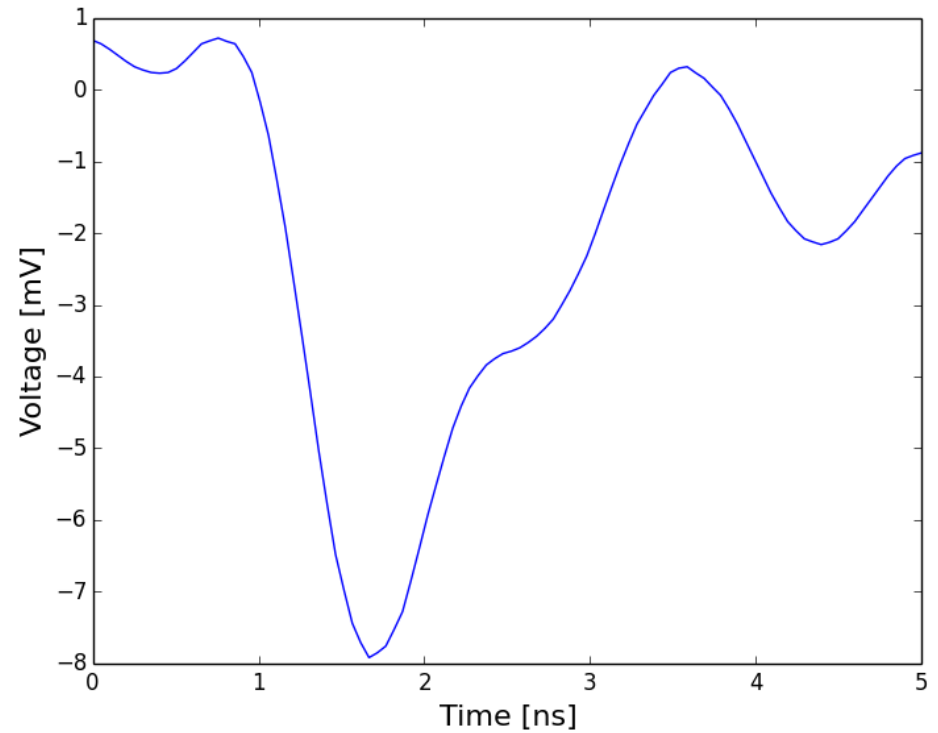
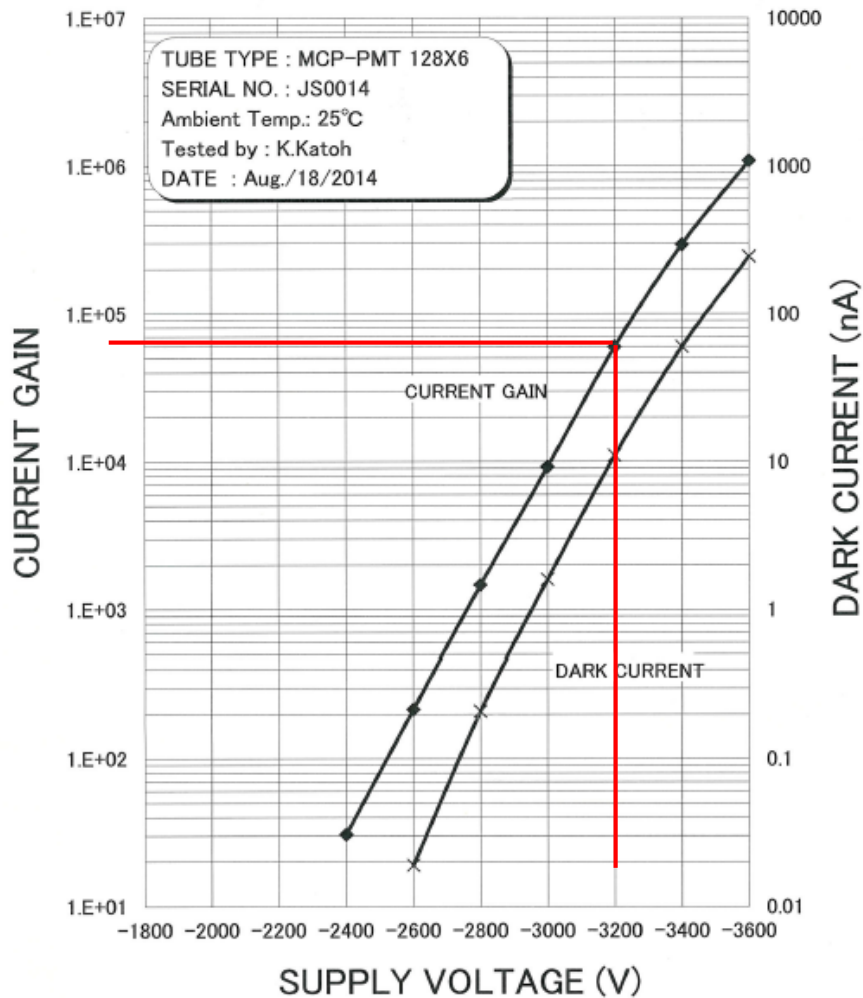


Optimizing the working distance



Sensor Response

CURRENT GAIN & DARK CURRENT
vs. SUPPLY VOLTAGE



Low gain not suitable for single photons



- First results with multi-photon-pulses
- Next step: Provide 3.6kV

Results with multiple photons

