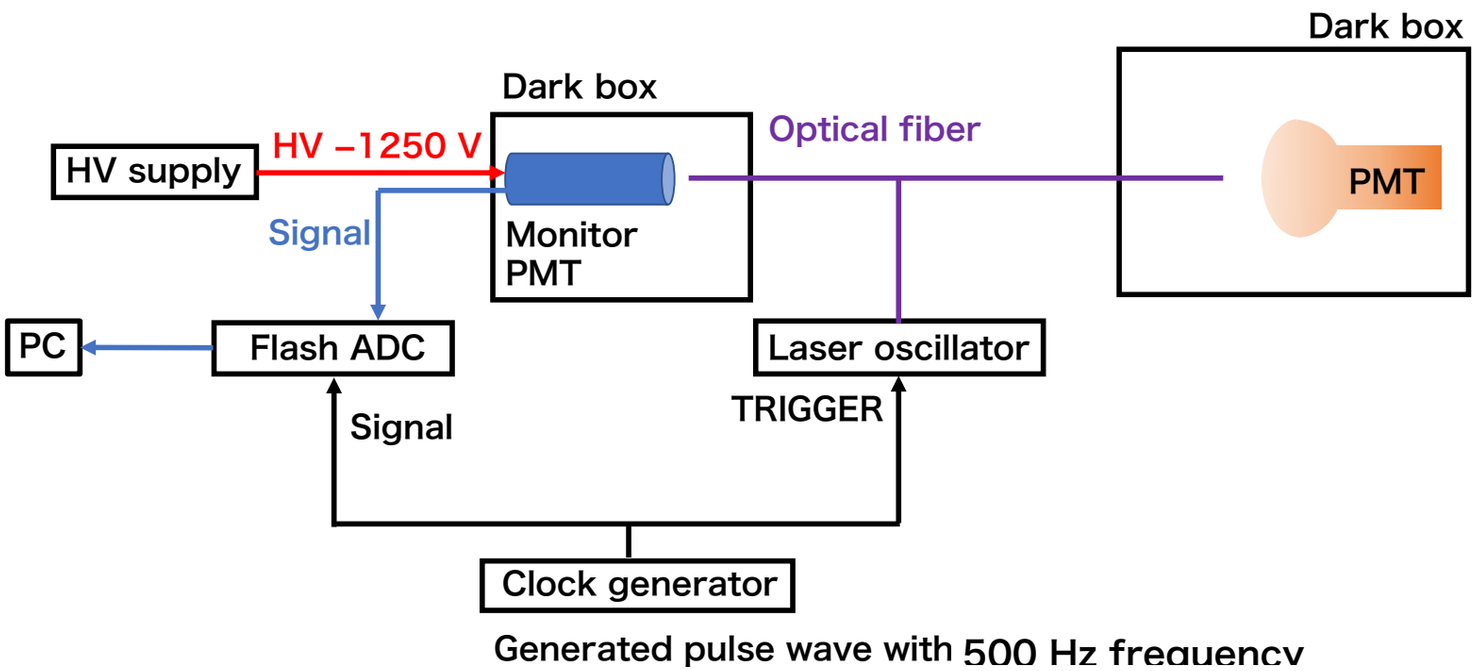
Status report

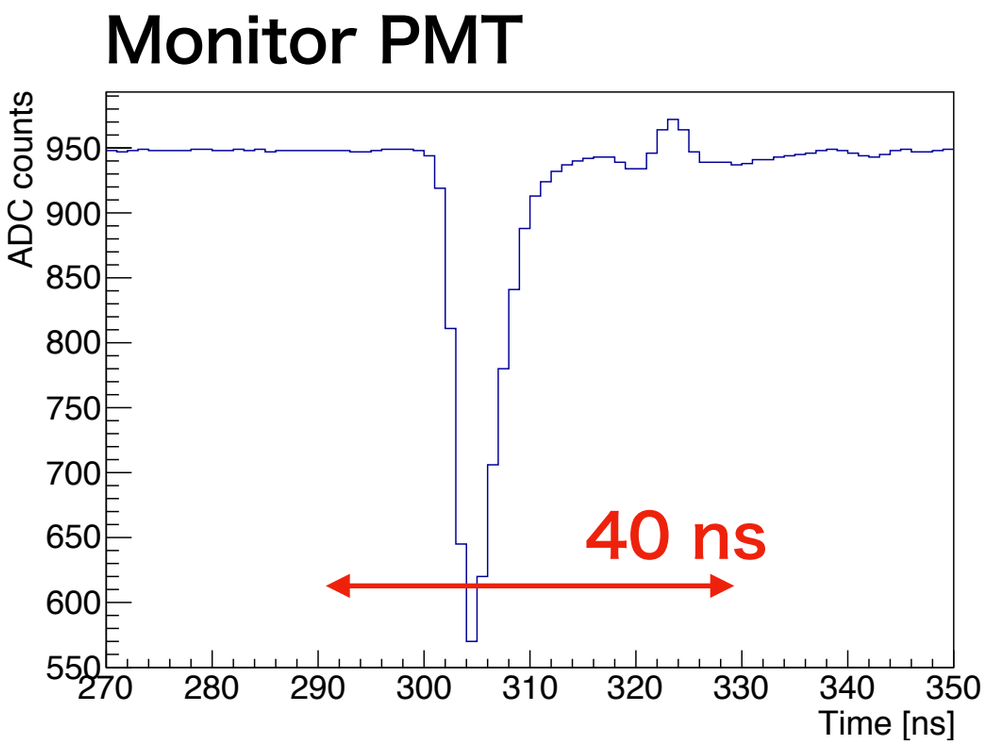
01/17/2020

Michitaka Inomoto

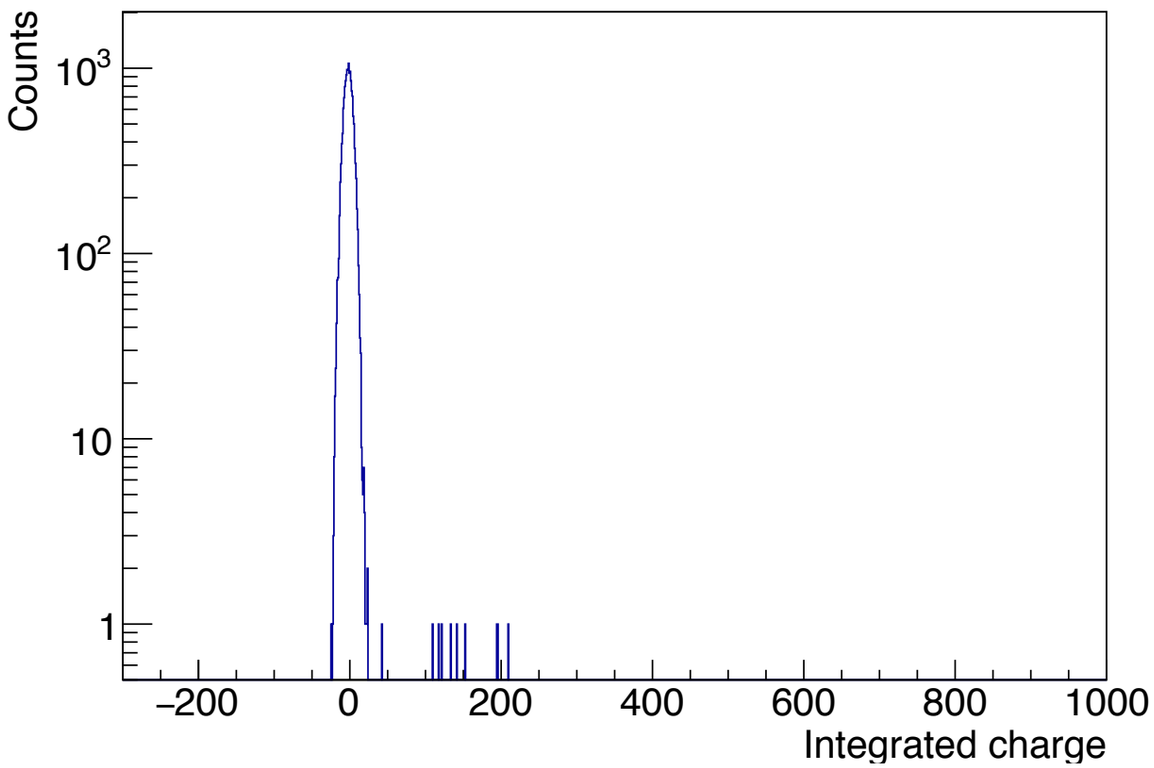
Monitor PMT

- I had the issue of the behavior of a monitor PMT not expected.
- I reinstalled the setup.
- I measured signals of the monitor PMT.
- I checked the relation between the light intensity and the integrated charge of the monitor PMT signals.

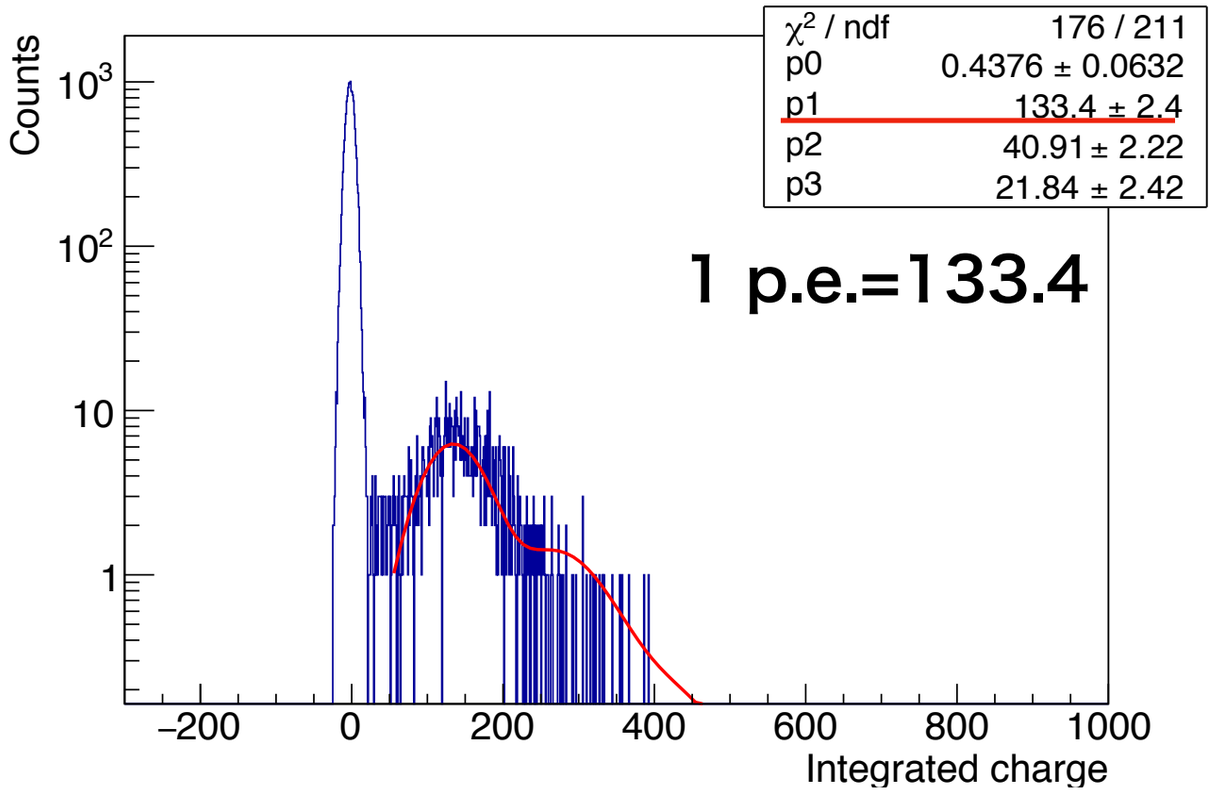




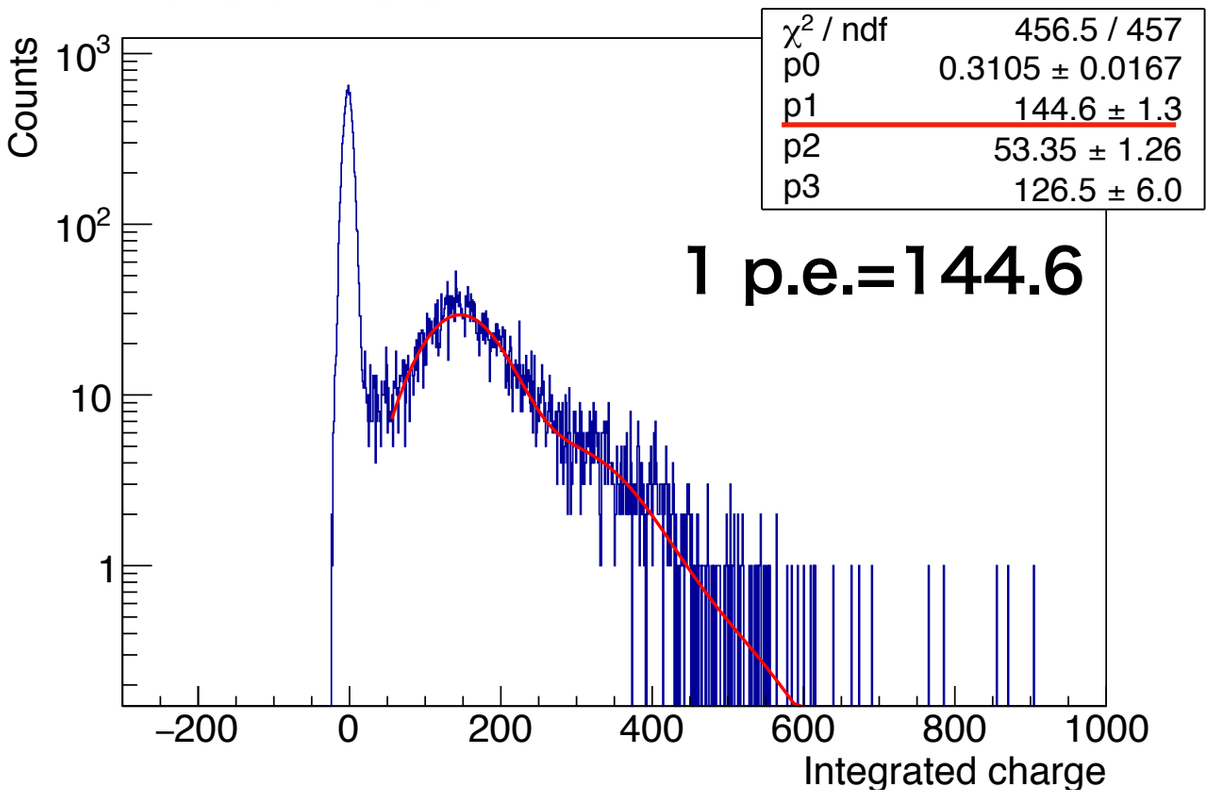
Pulse 80 mA



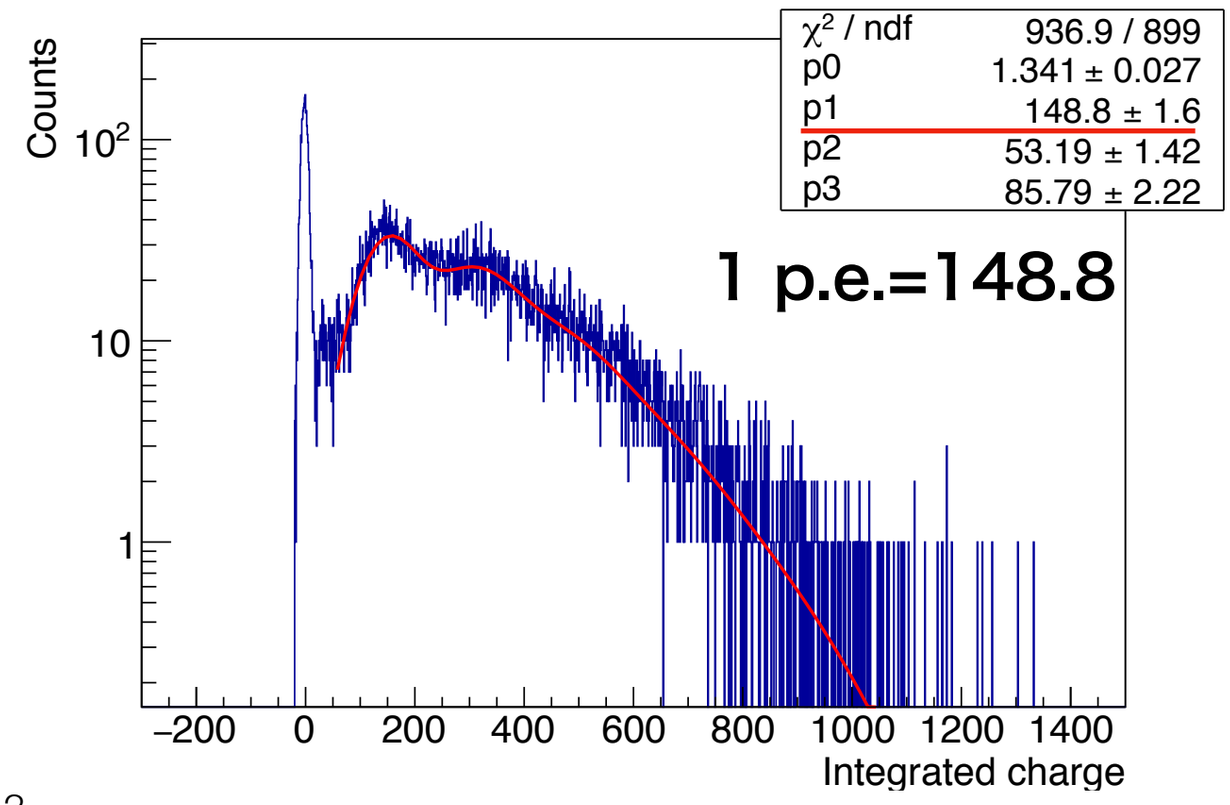
Pulse 90 mA

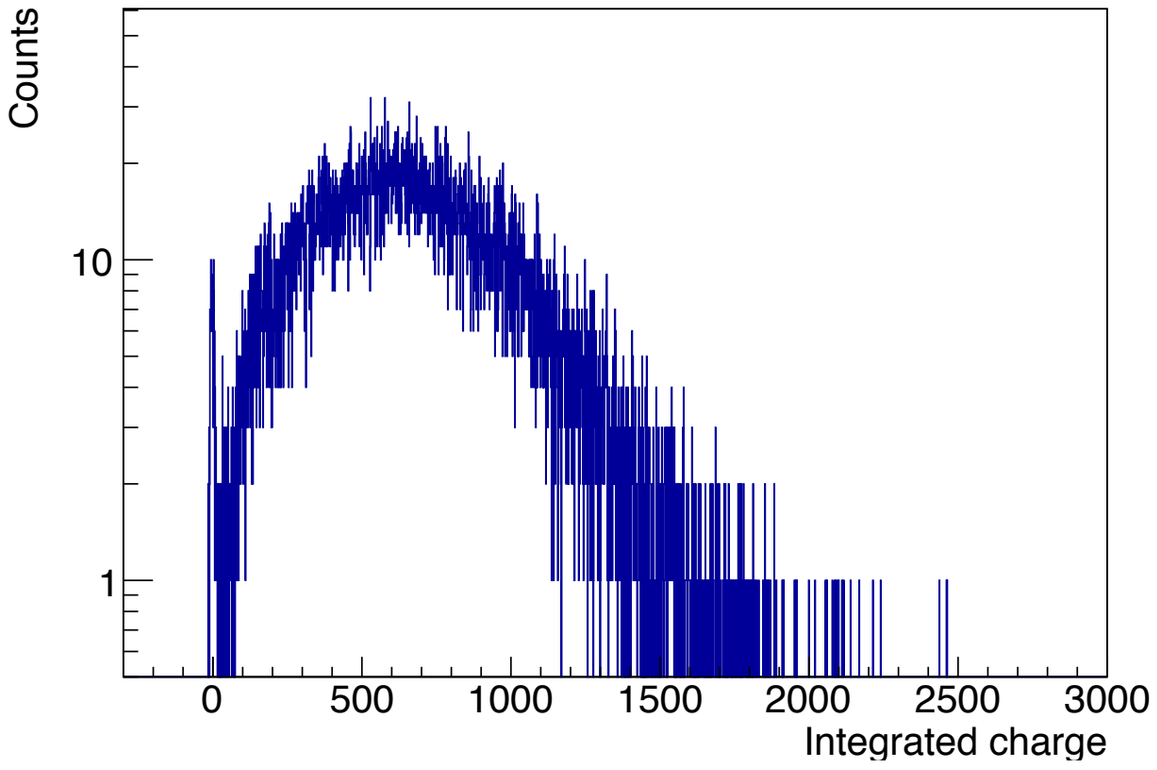


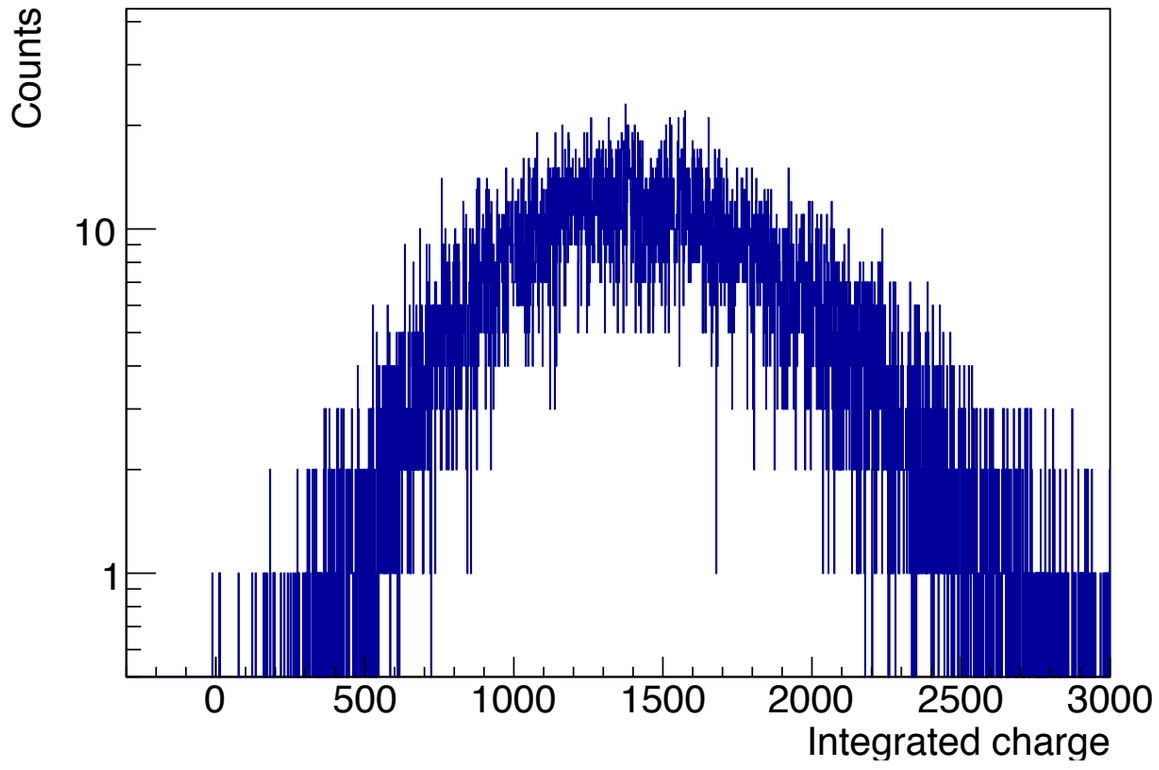
Pulse 100 mA

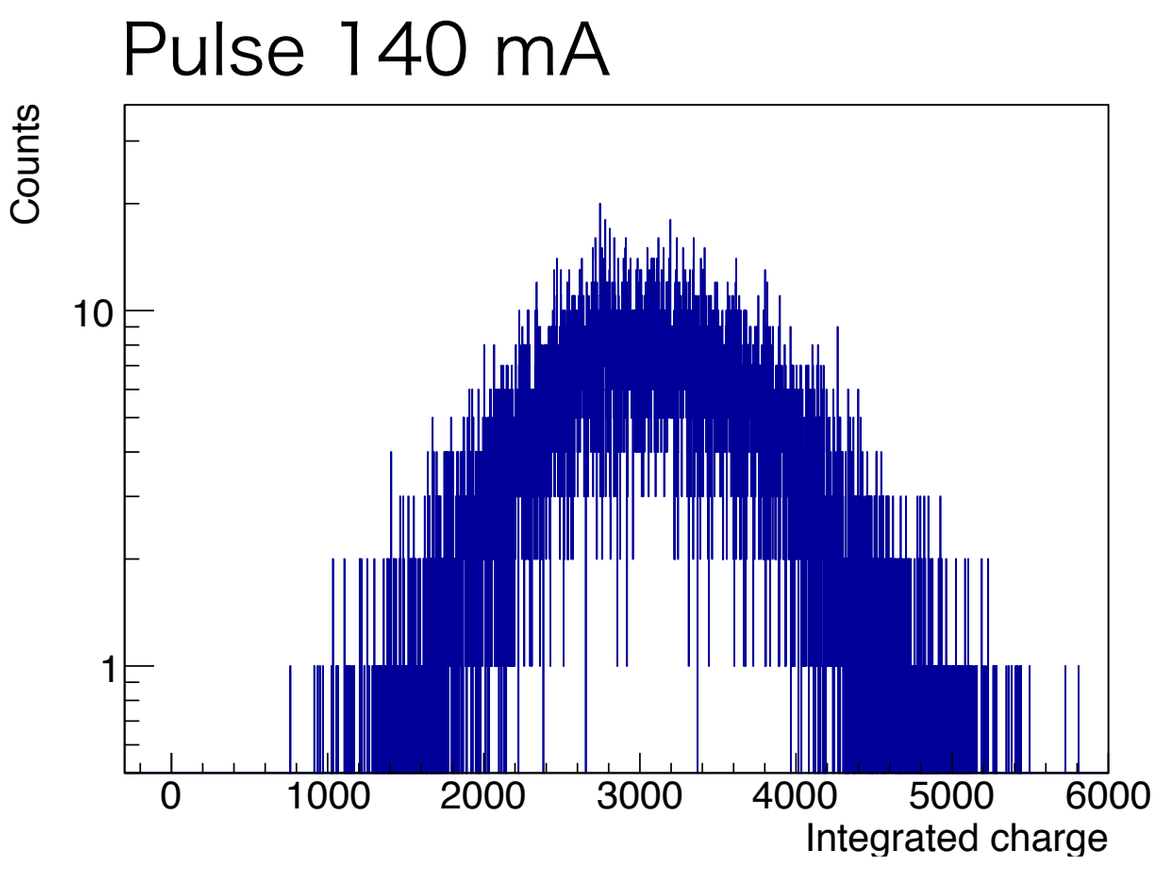


Pulse 110 mA









- The issue of the behavior was resolved.
- The behavior means the integrated charge of more than 10 p.e. like Pulse 140 mA.

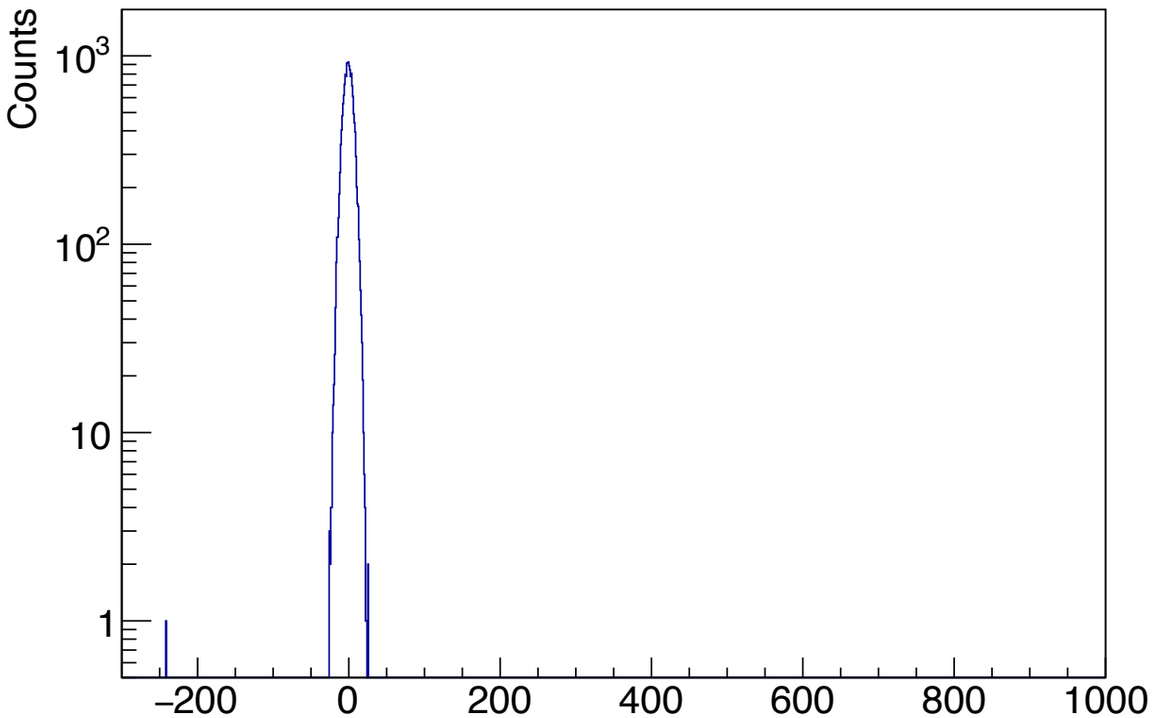
To do

- I will measure the magnetic field dependence of the relative efficiency of the 3-inch PMT based on this result.

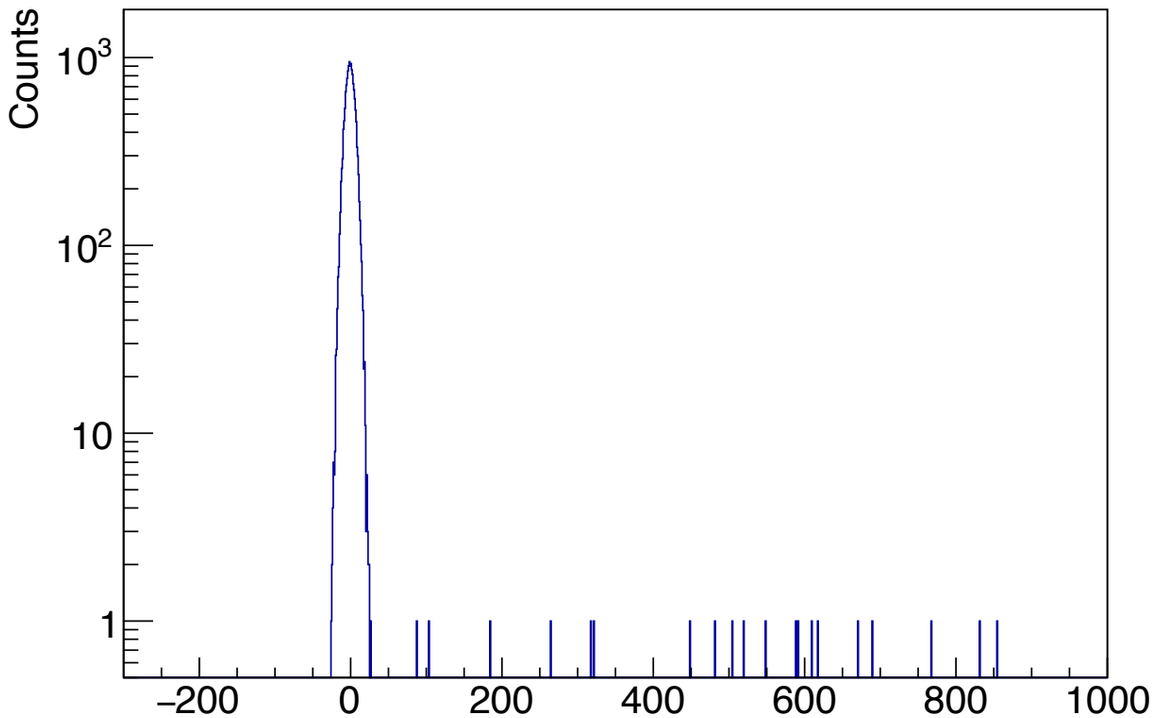
Backup

3-inch PMT

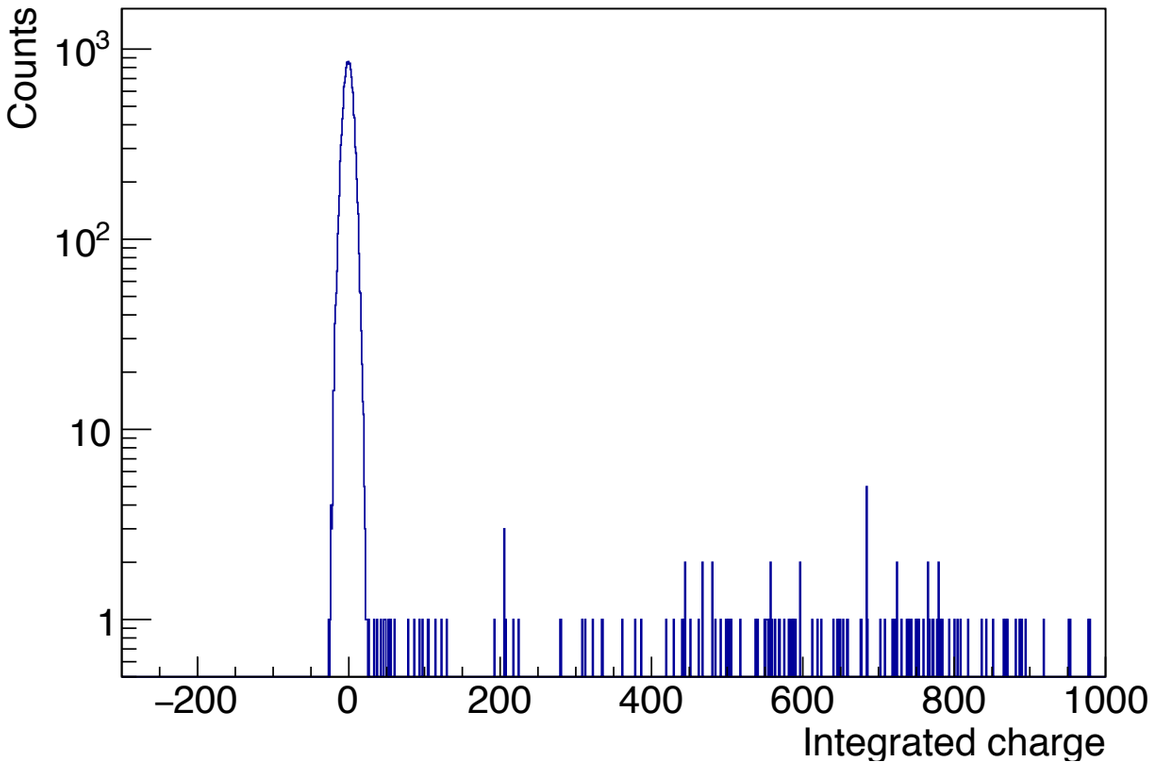
Pulse 80 mA



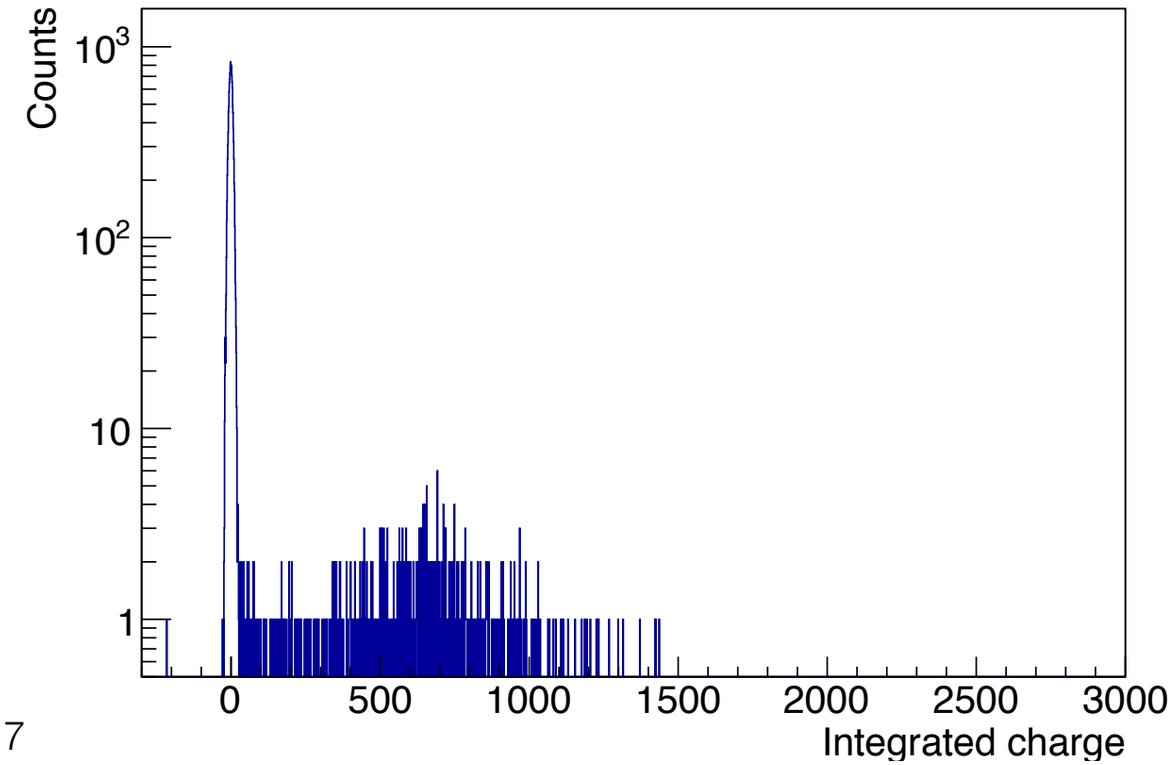
Pulse 90 mA



Pulse 100 mA

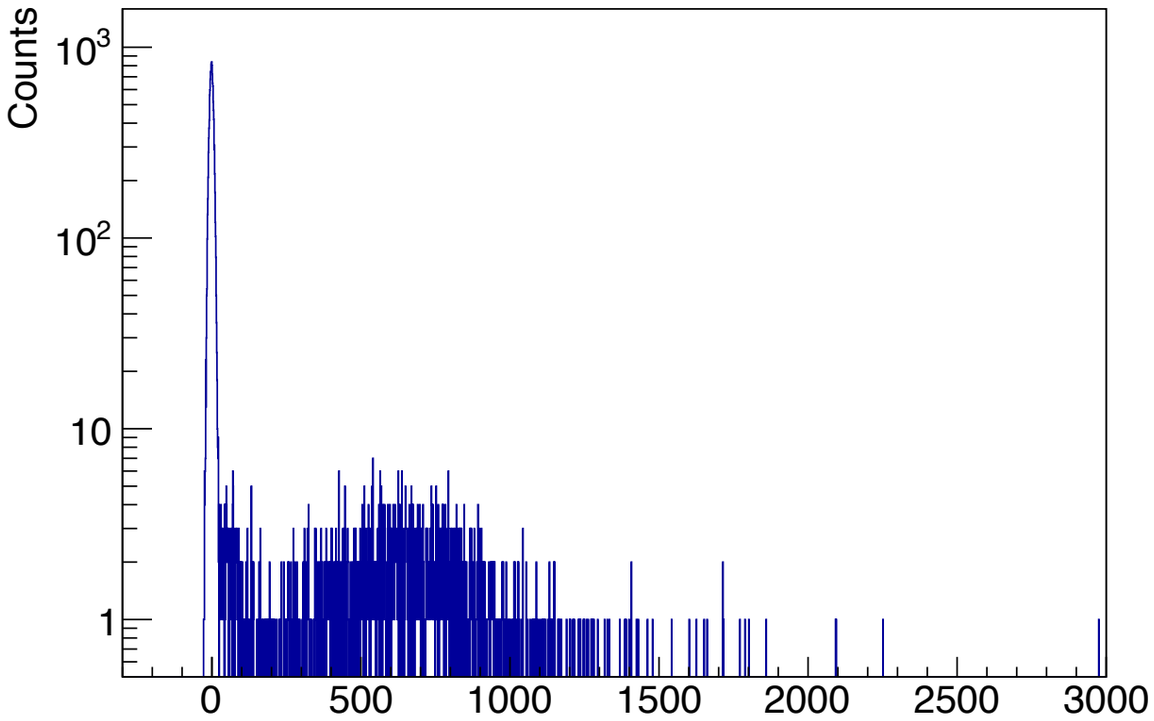


Pulse 110 mA

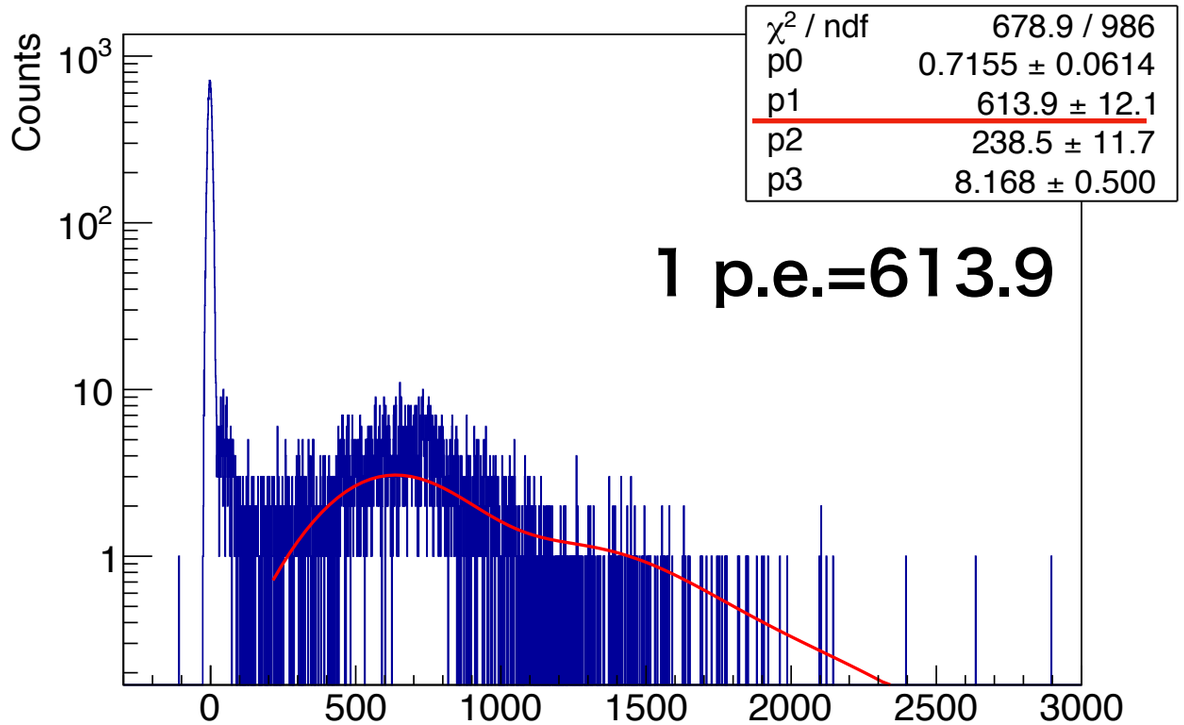
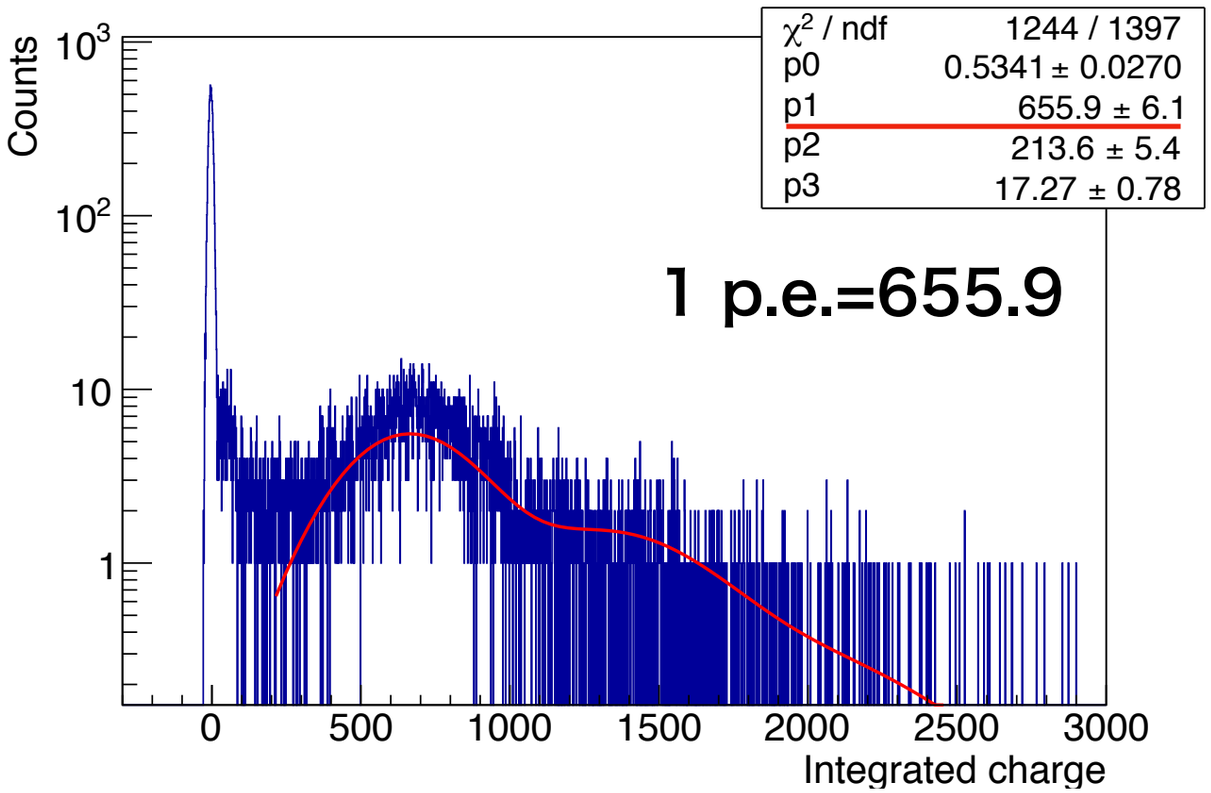


3-inch PMT

Pulse 120 mA



Pulse 130 mA



Pulse 140 mA