

Status Update

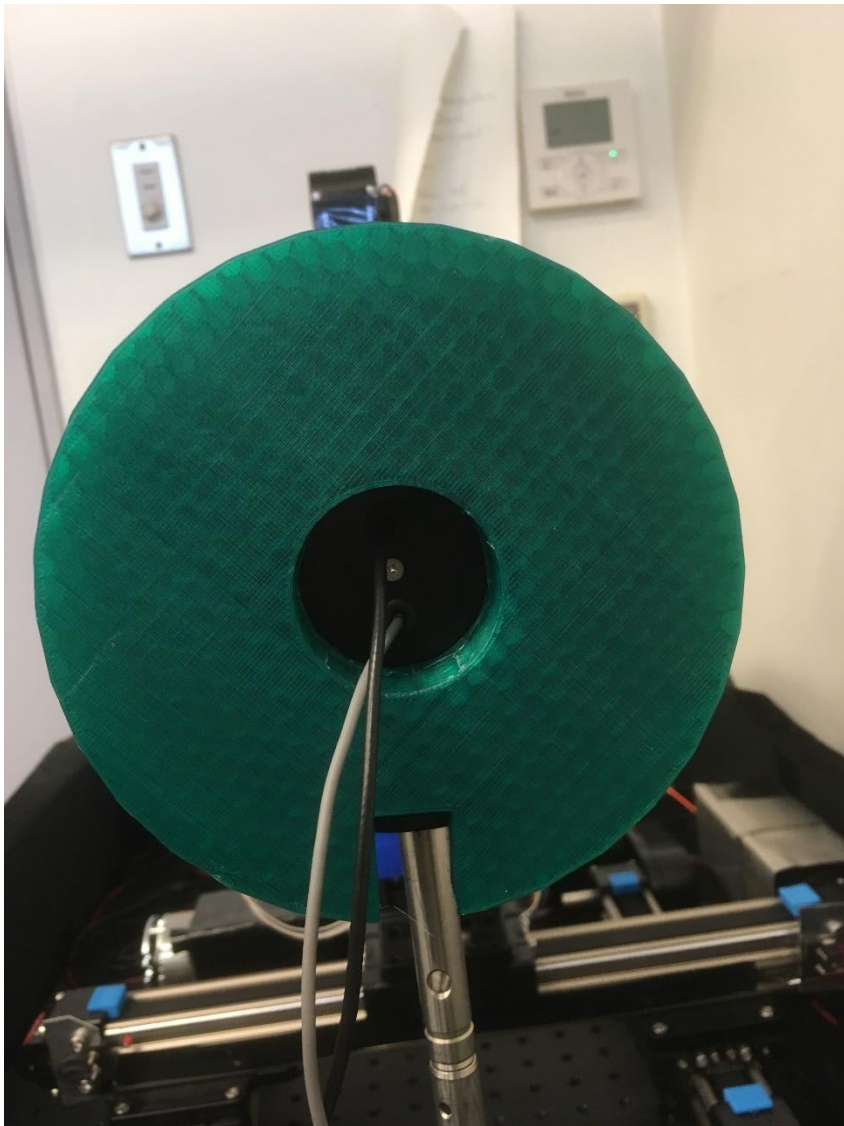
11/30/2018

TUS Nao Izumi

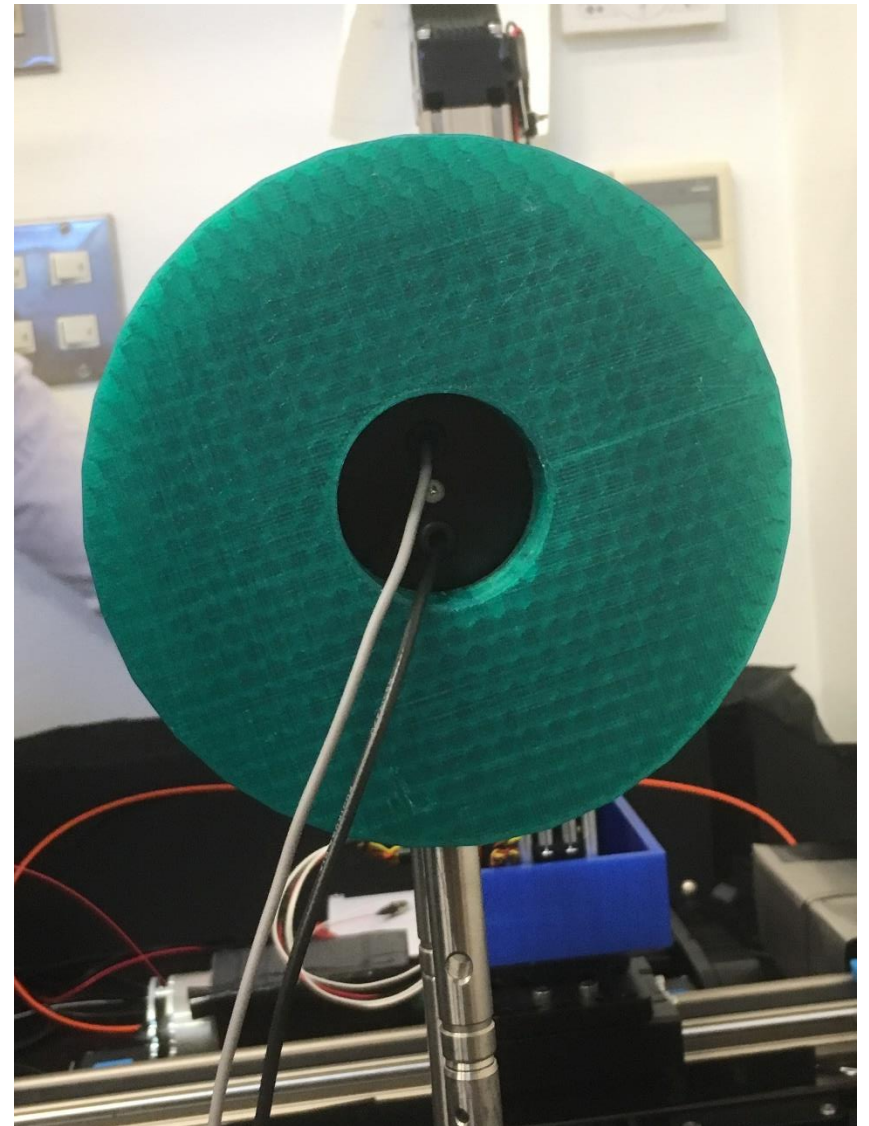
What I did this week

- Took 100 sec. measurement of before/after rotating the PMT by 180 degrees.
- The data of after rotation is still under analysis. (the first analysis failed)

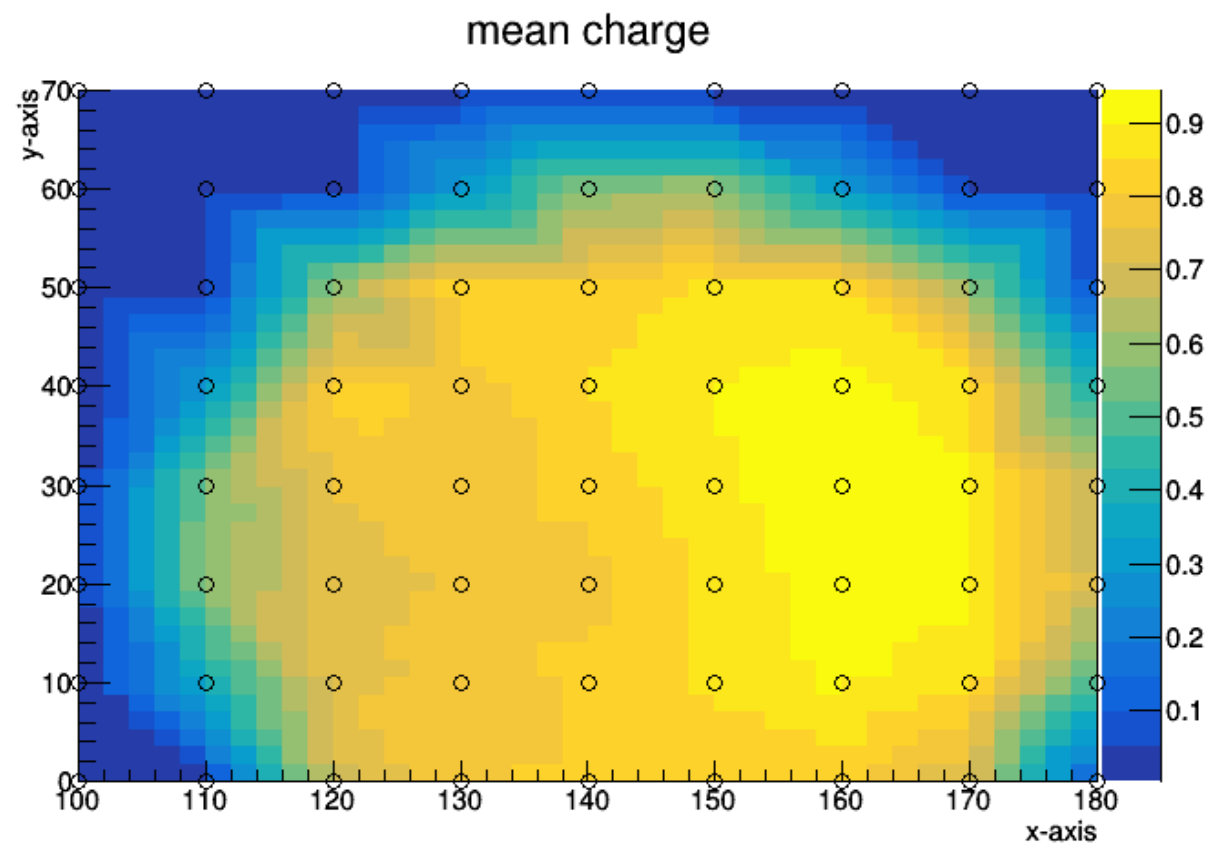
Run458 (100 sec.)



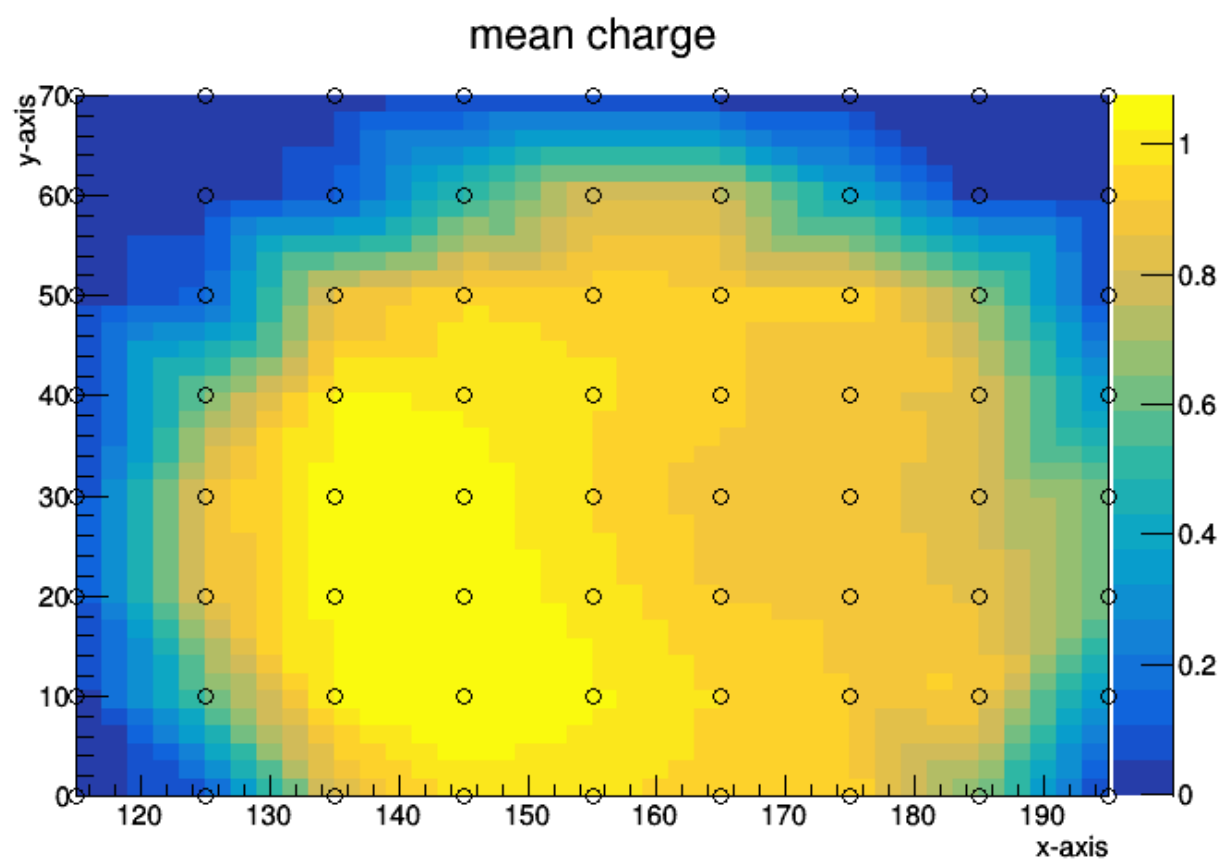
Run417 (300 sec.)



Run458 (100 sec.)

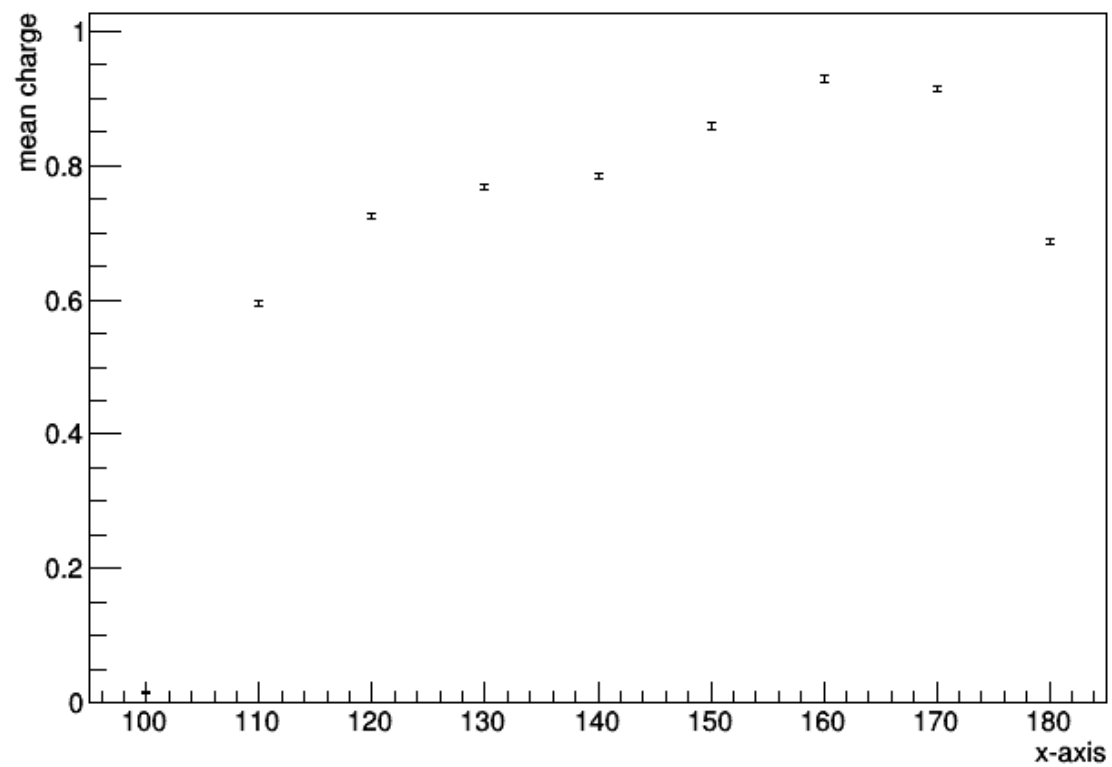


Run417 (300 sec.)



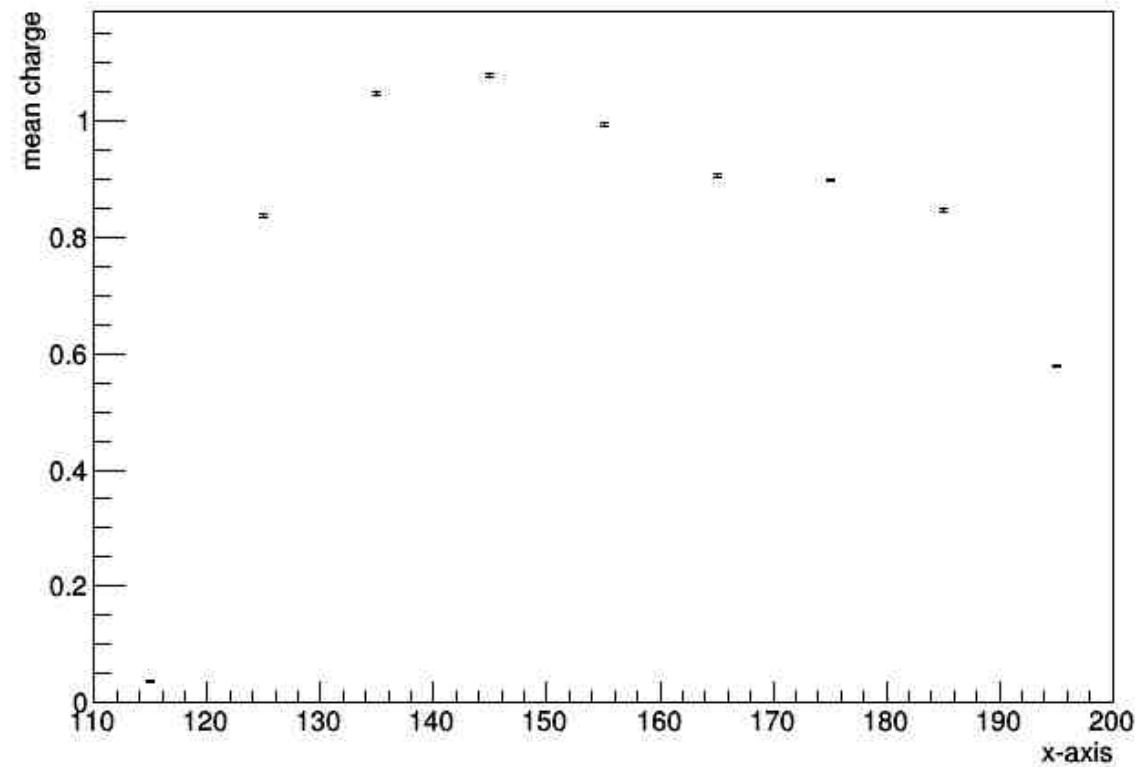
run458

mean charge at 20mm on y-axis

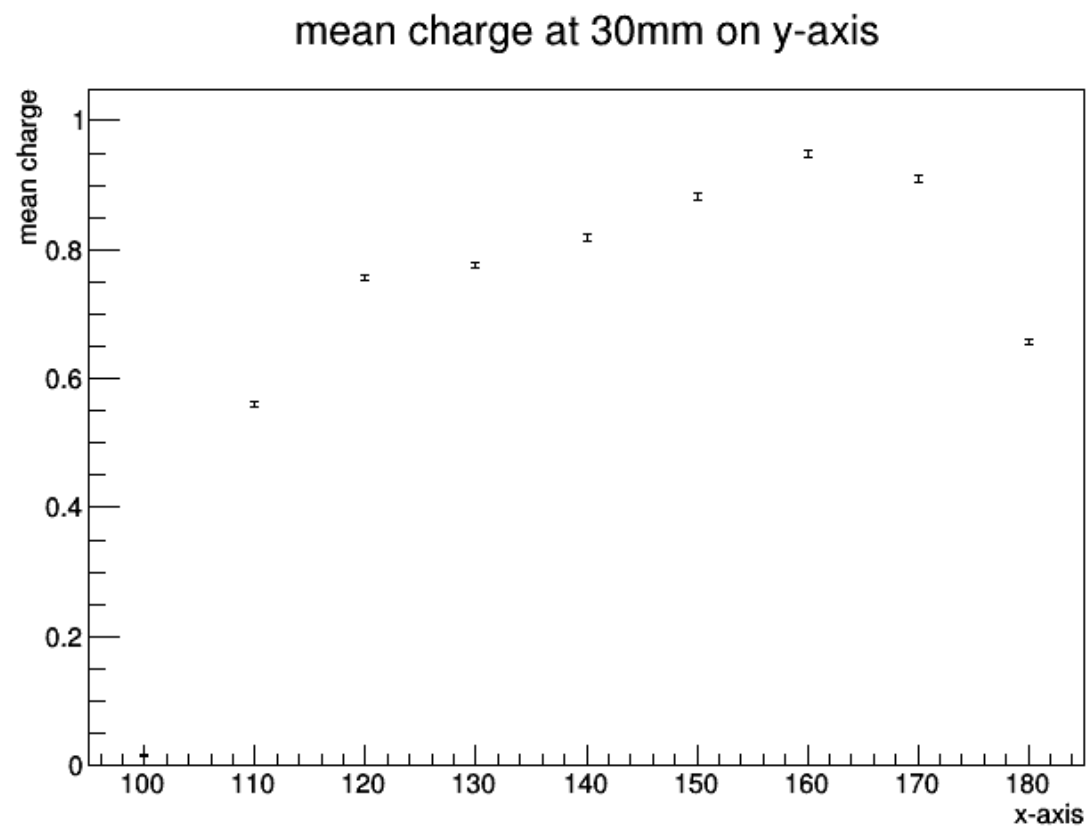


run417

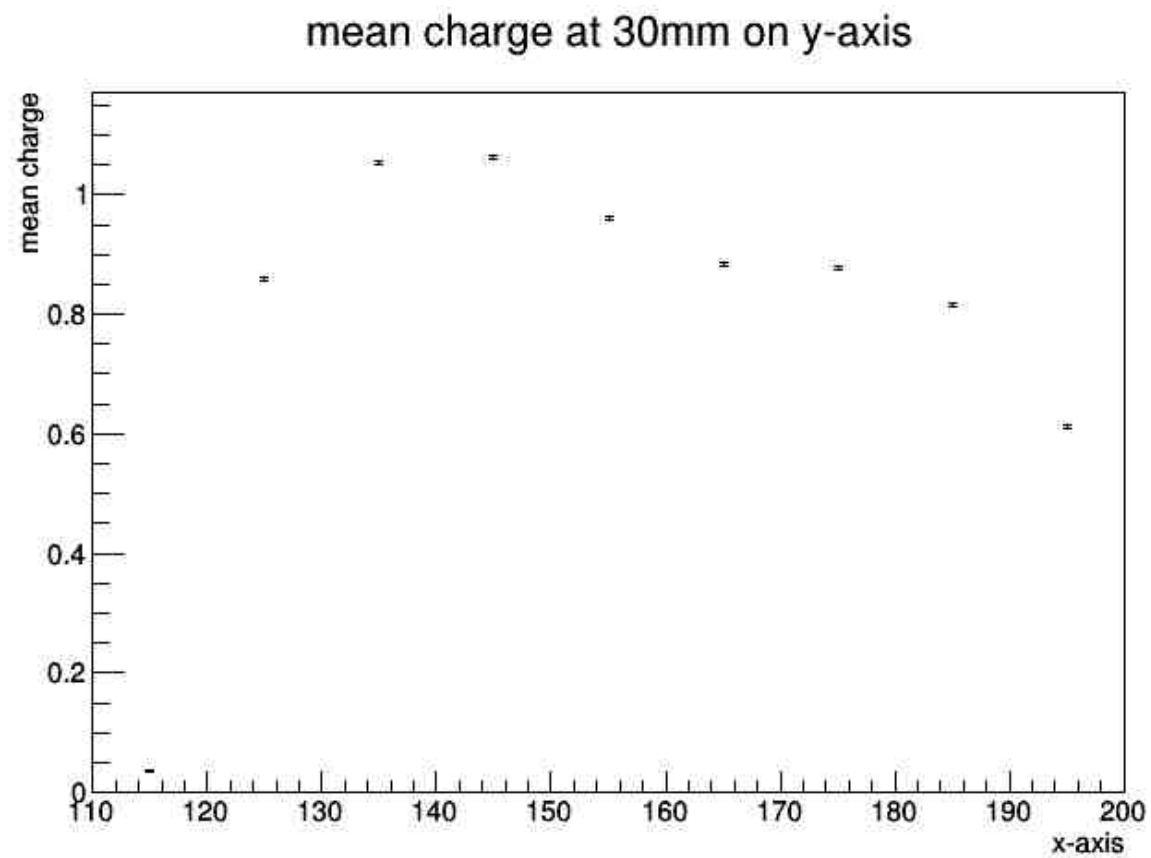
mean charge at 20mm on y-axis



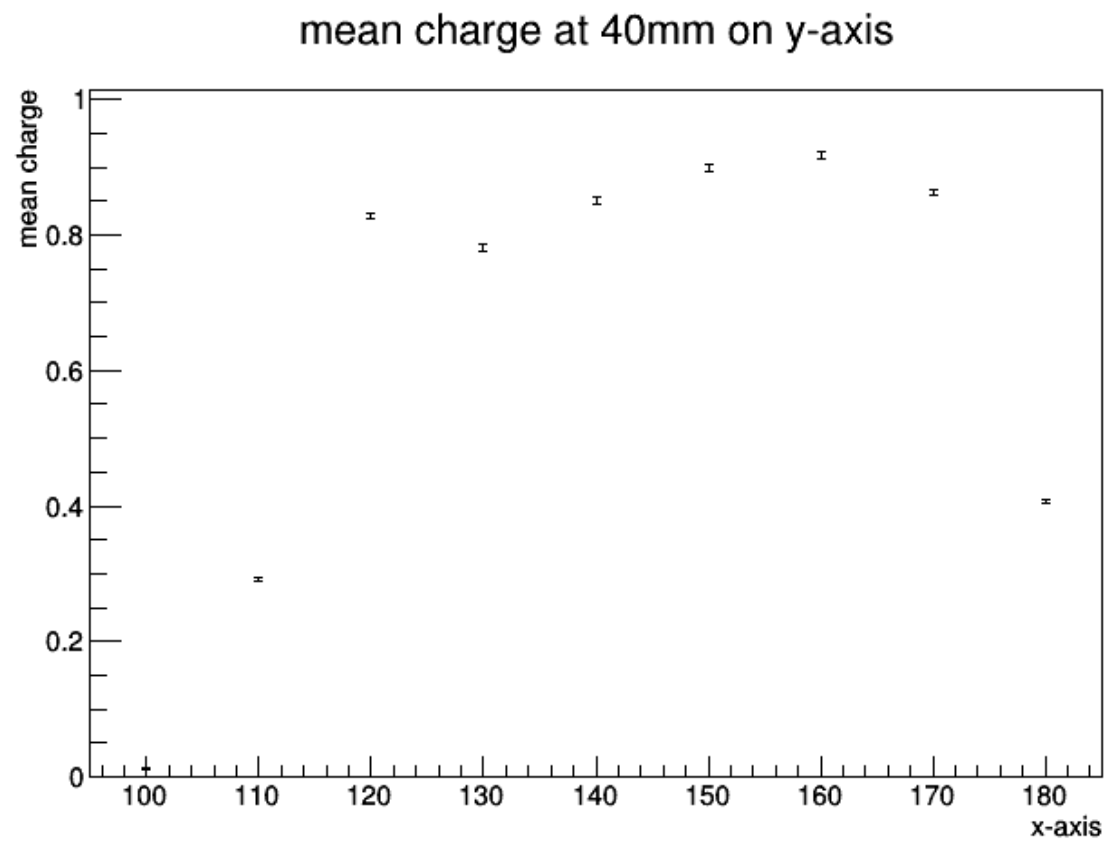
run458



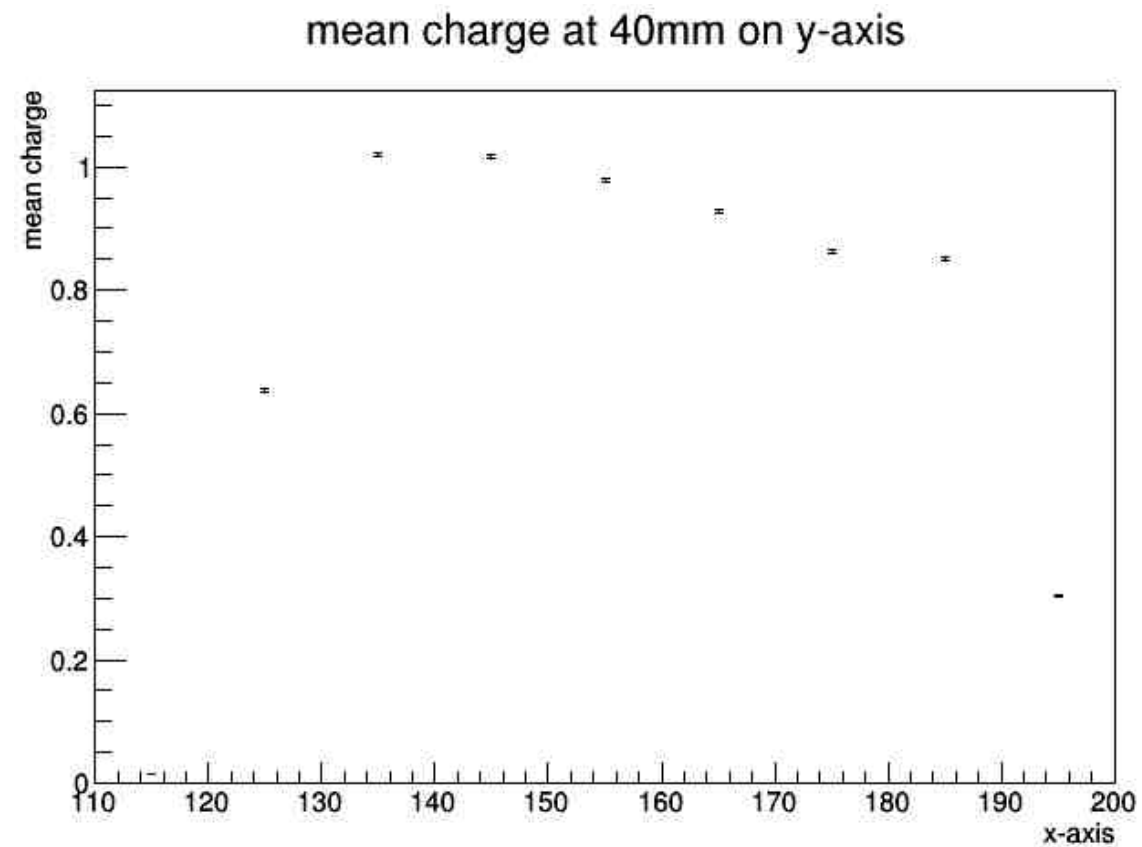
run417



run458



run417



From the results...

- It seems that the pattern we saw at the 2D map was due to the property of the PMT.

Next week, I'm going to...

- Do the angular measurement.
- Do the same measurement with the other PMT.