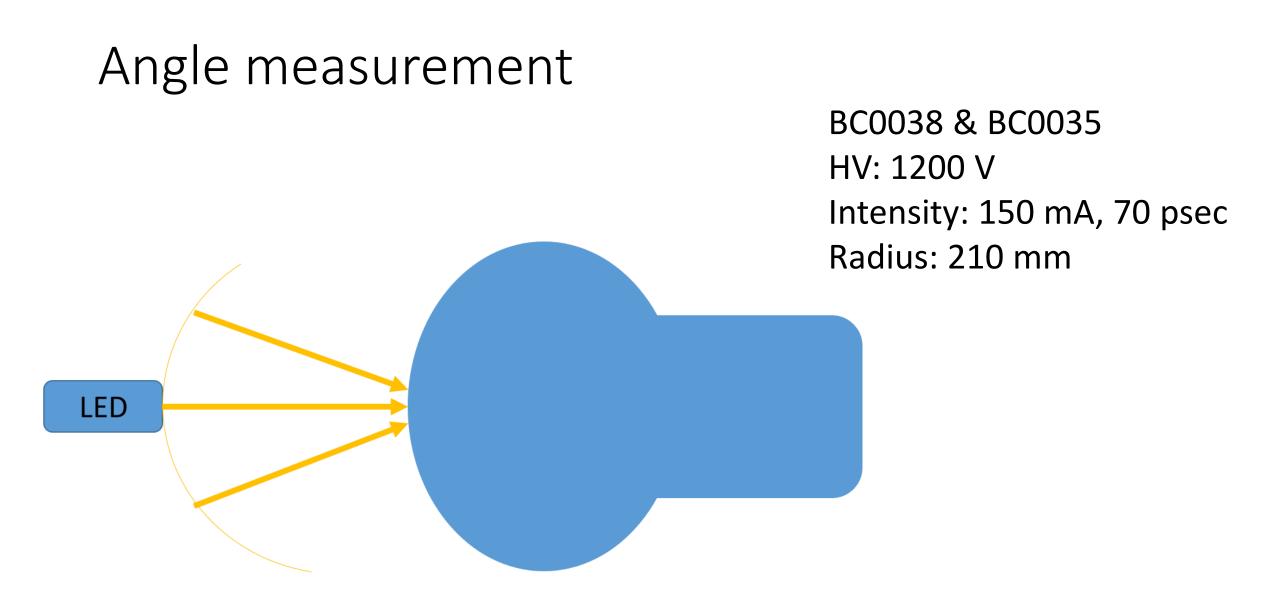
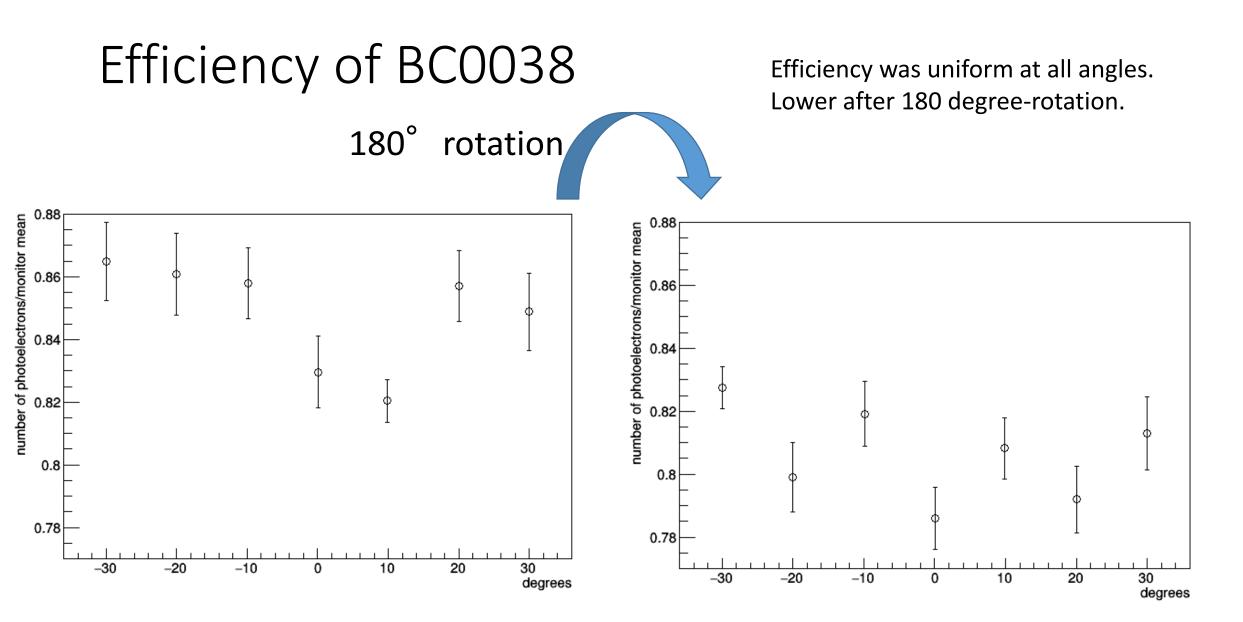
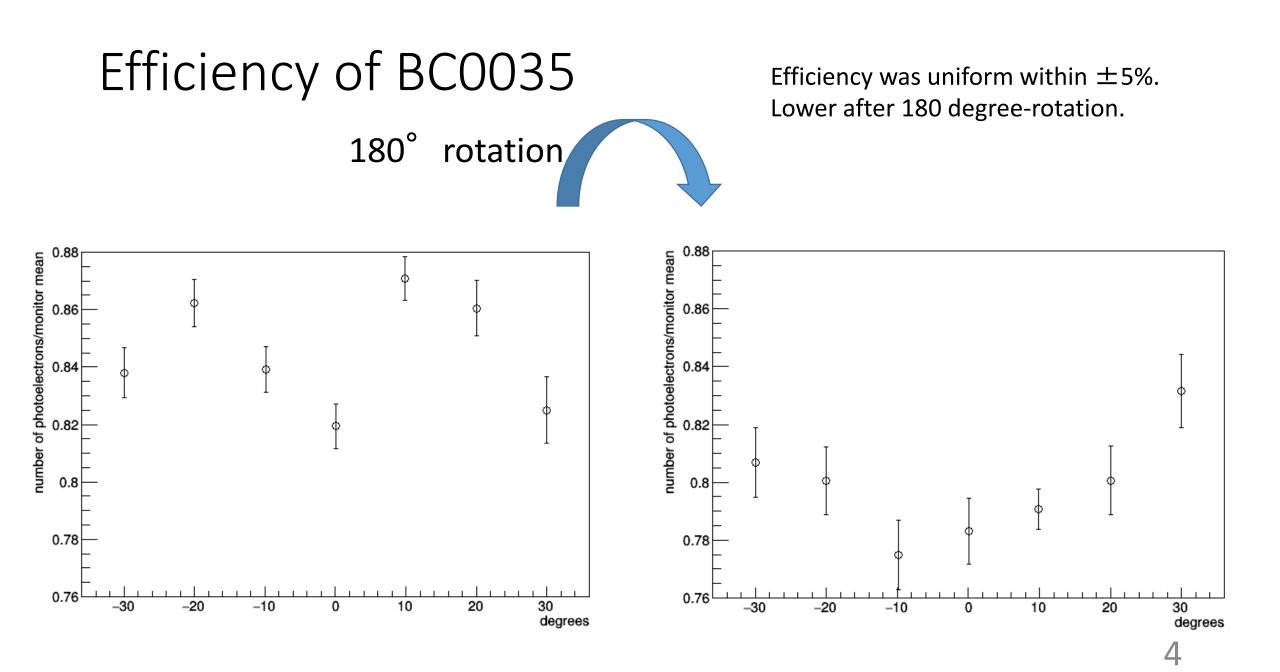
Status Update

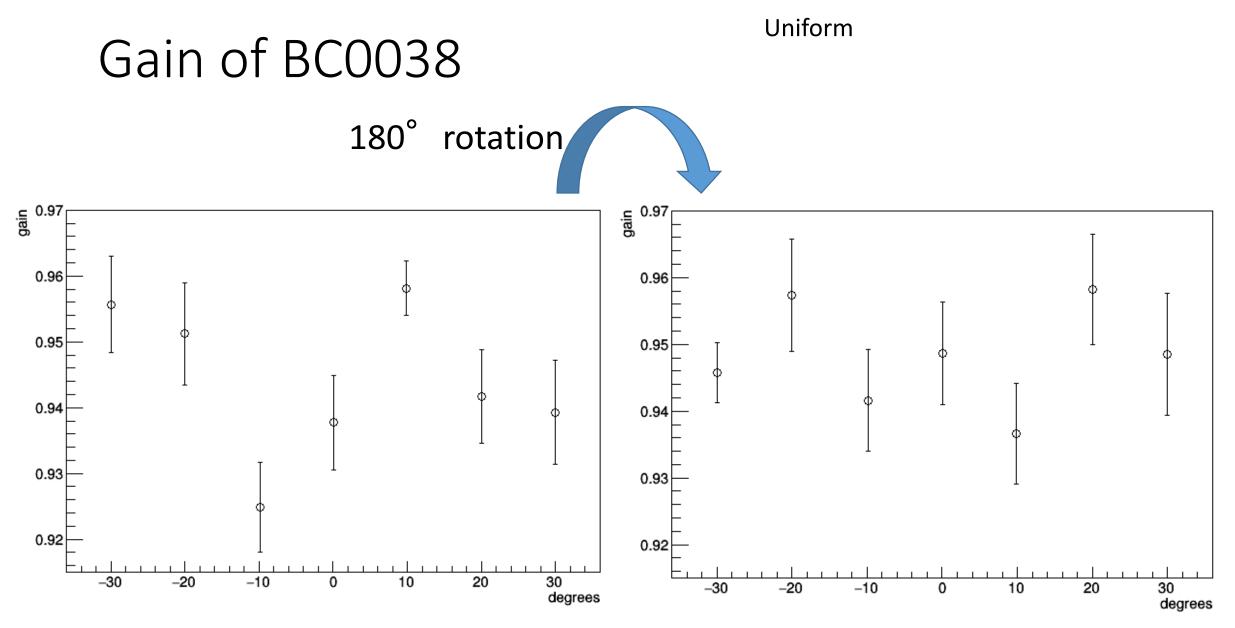
02/22/2019

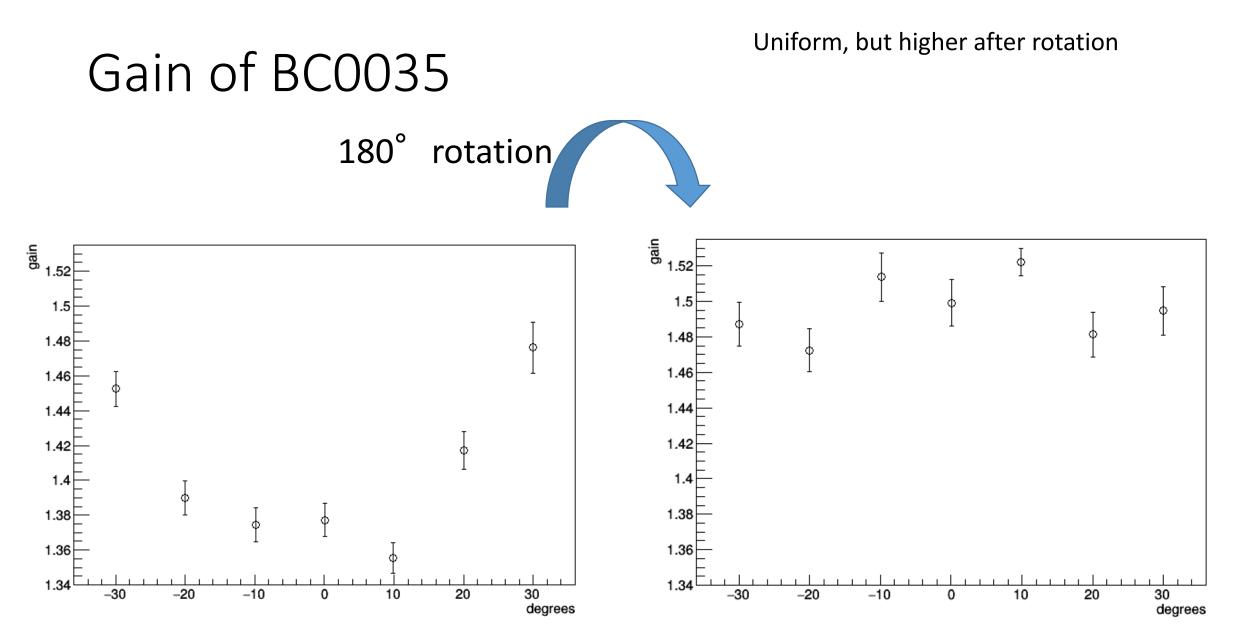
TUS Nao Izumi

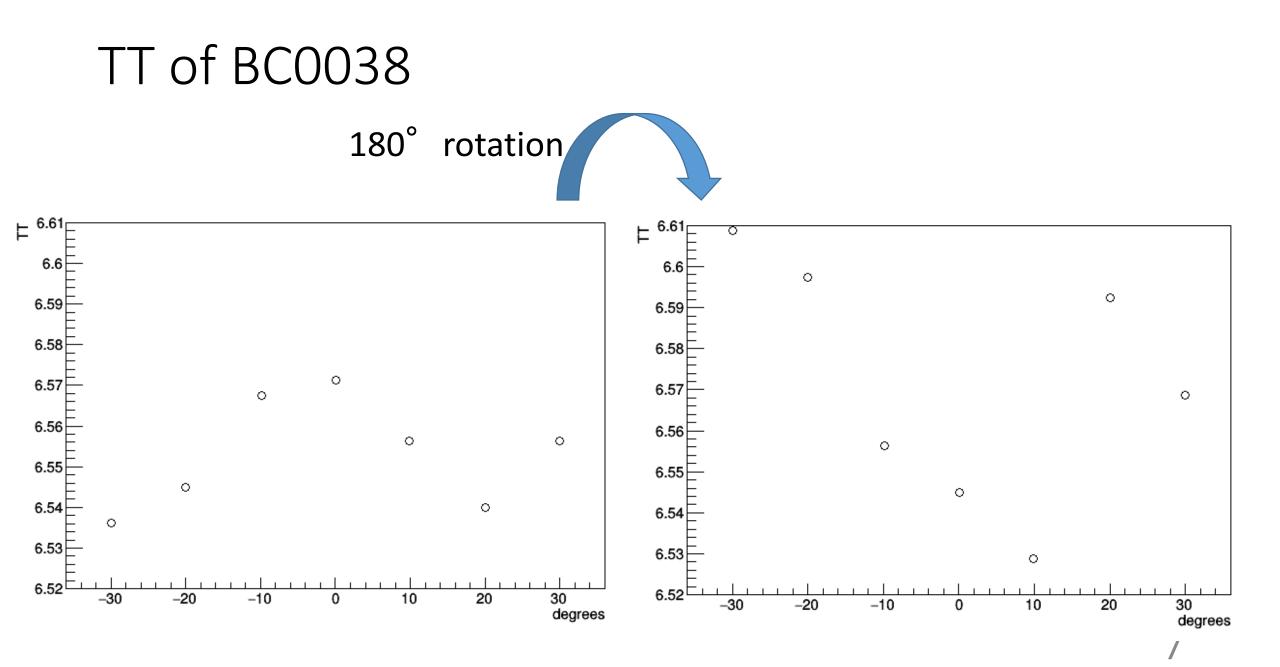


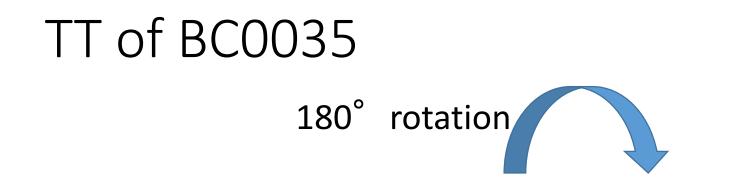


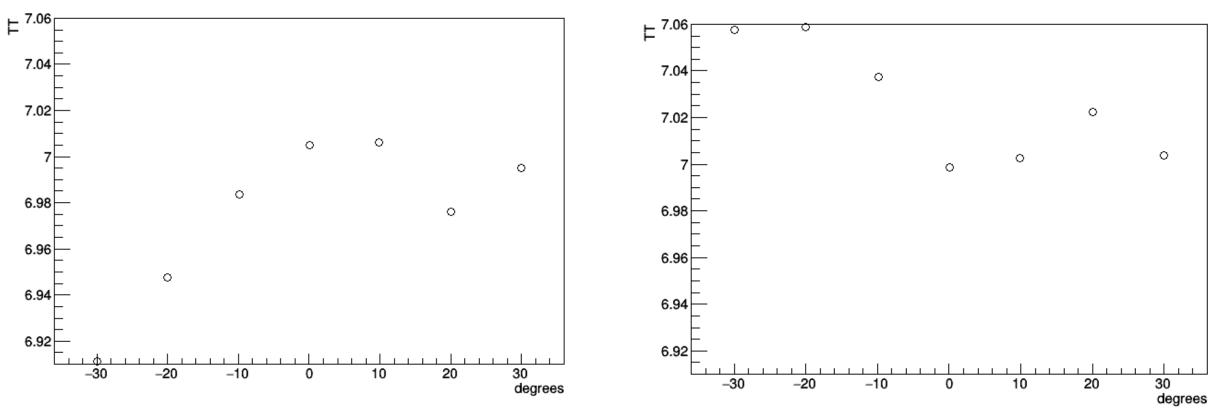




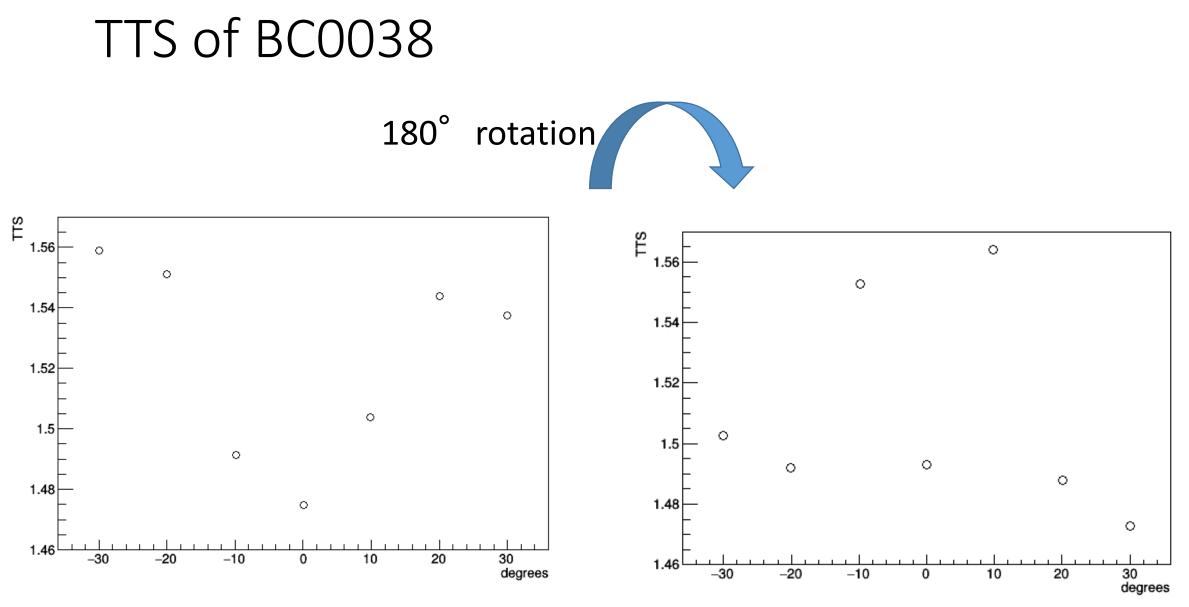


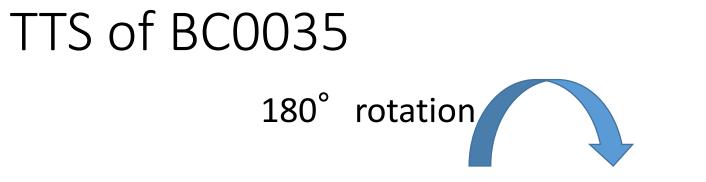


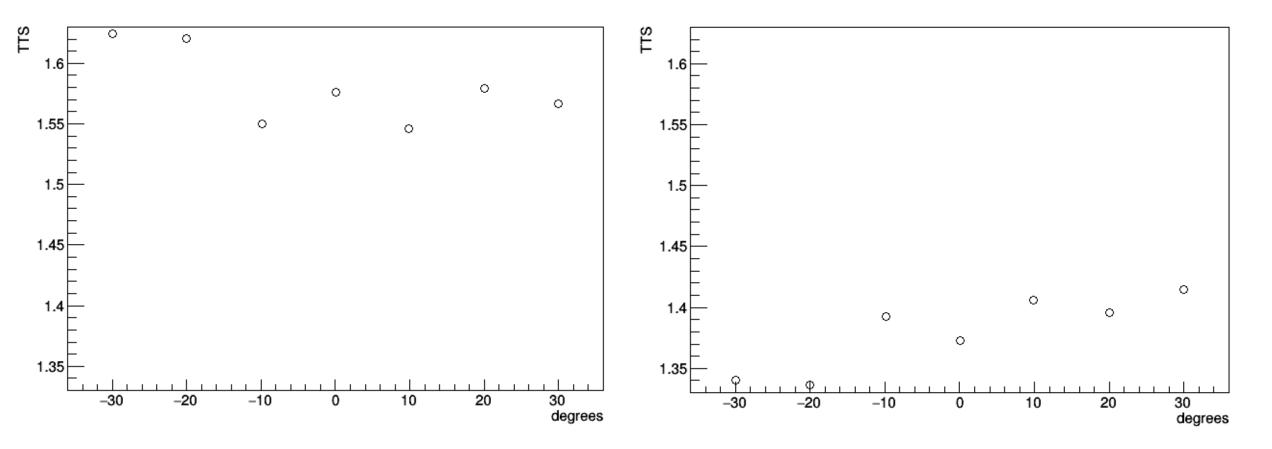




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Conclusion

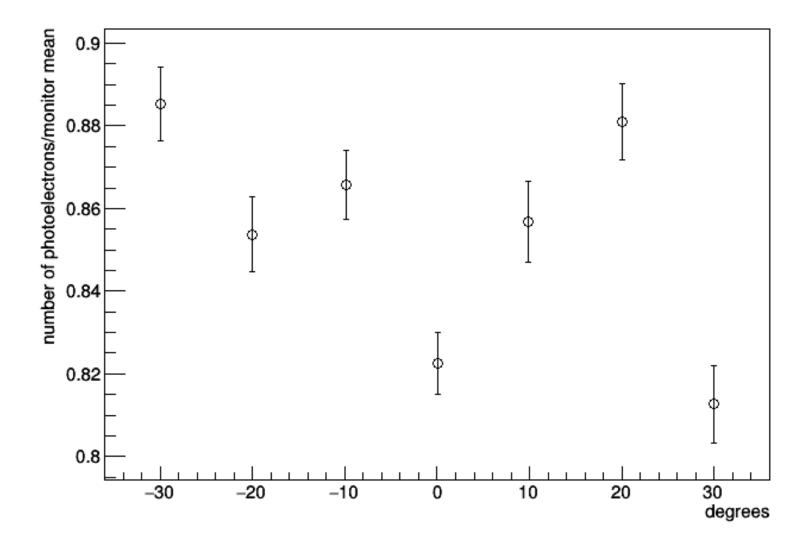
- Efficiency, gain, TT and TTS don't change much when the angle respect to the photocathode is changed within $\pm30^\circ$.
- There are some differences in efficiency when the PMT is rotated by 180 degrees.

To do

- Create a PMT holder
- Take more angle measurements

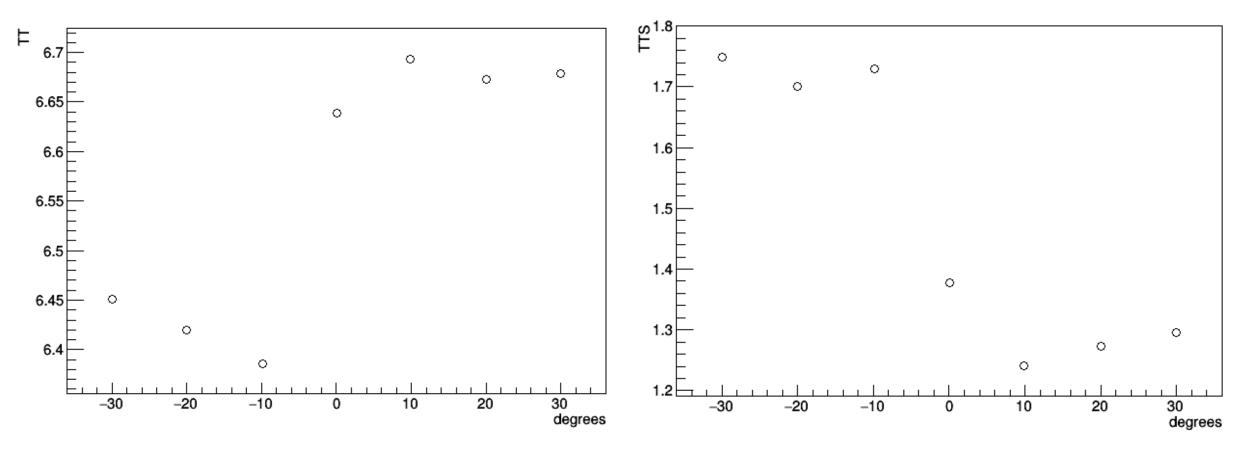
Back up(the slide from last week)

Angle measurement



BC0038 HV: 1200 V Intensity: 150 mA, 70 psec Radius: 210 mm

TT and TTS



TT is uniform. Some variation in TTS.



\pm 5% Correlation to TTS

