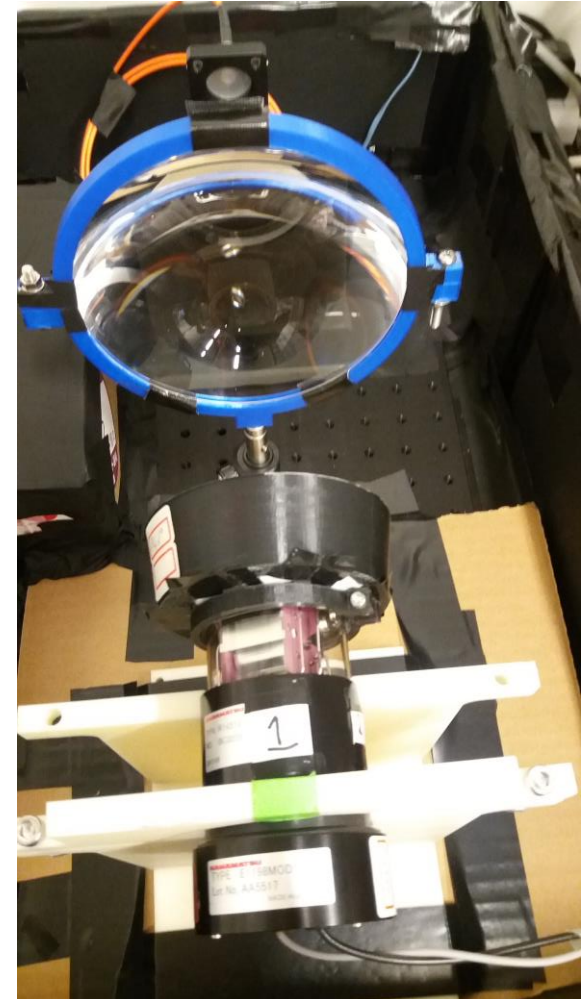


Reflector measurements

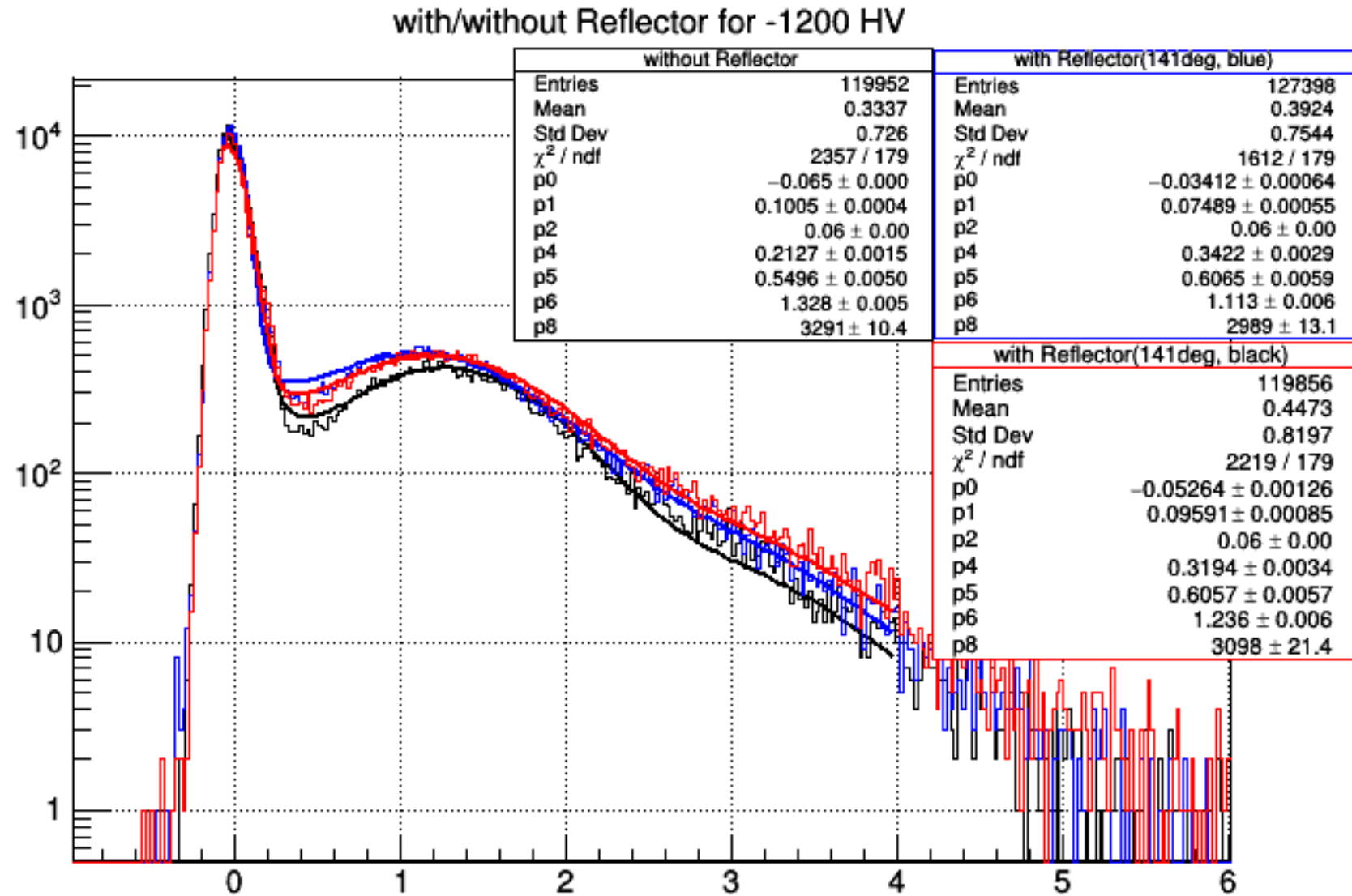
Adam Klekotko

PMT Holders

- I have printed 3 PMT holders with different angle of the reflector (135,143,146 degrees).
- After gluing the reflector, I checked the angle – 137.5,141,141 degrees



Plots



Summary

- Big difference caused by the inhomogeneity of light at the borders of the lens.
- Reflectors work but I we don't know real values (it's the impact of inhomogeneity)

Plans for the next week

- Move the lens so that the reflector is in a homogeneous area.
- Measure reflektor with 137.5 degrees
- Check the effect of voltage change