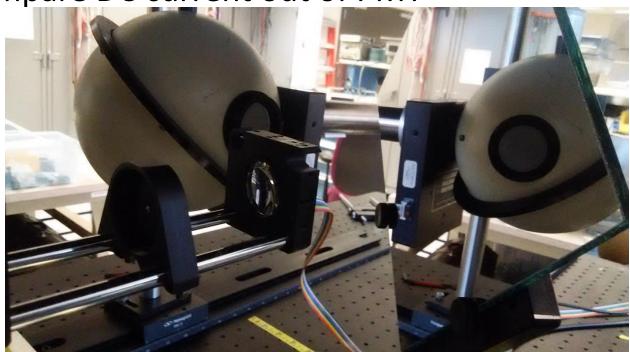
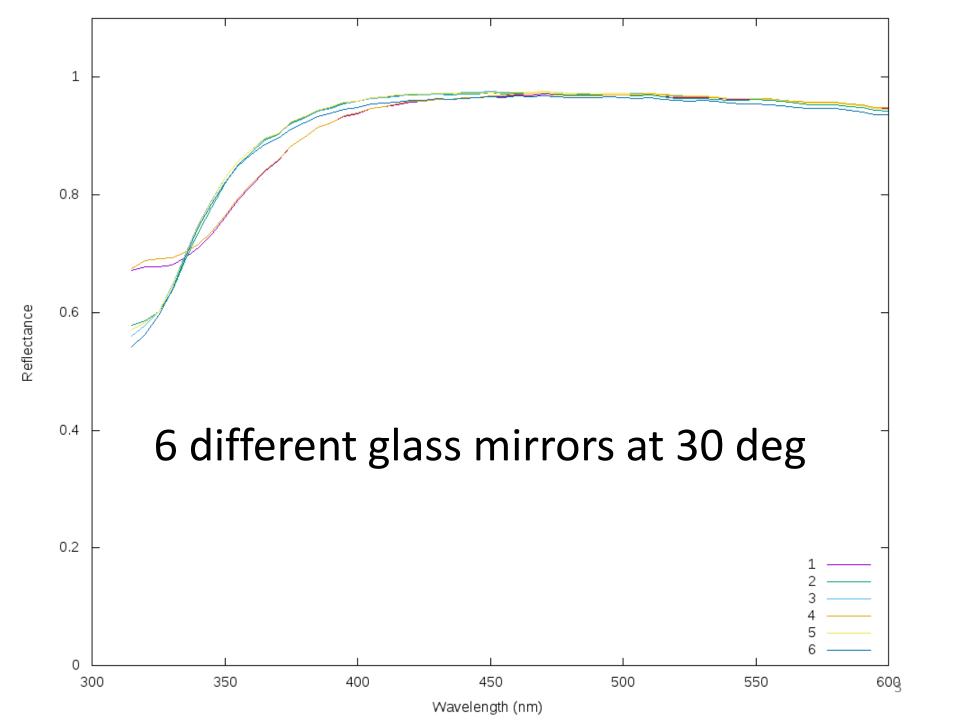
## Mirror Reflectivity Results

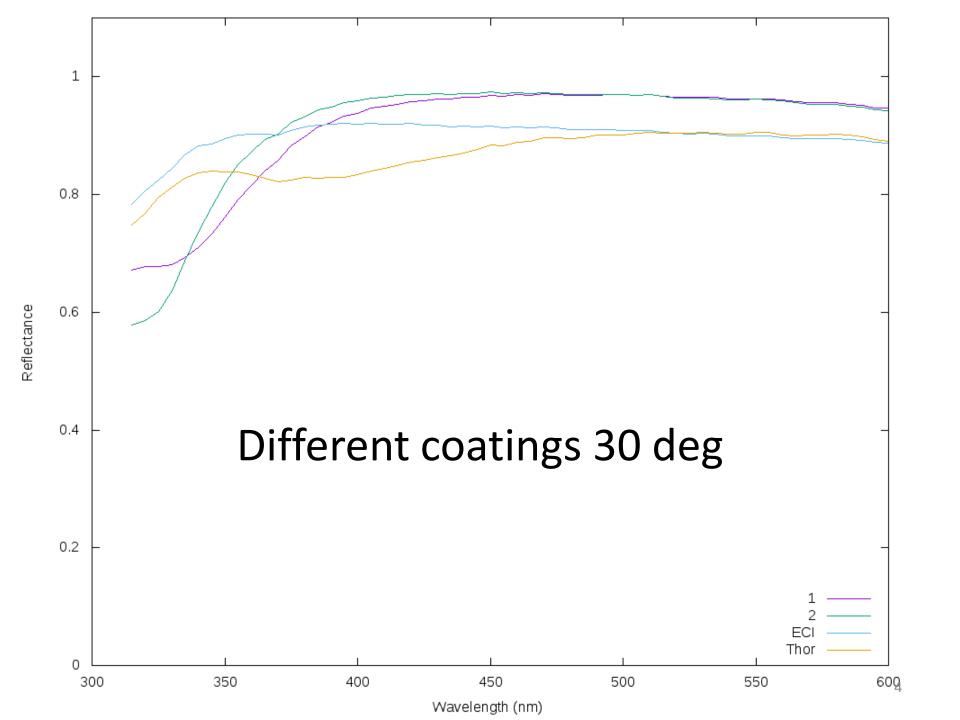
## **Process**

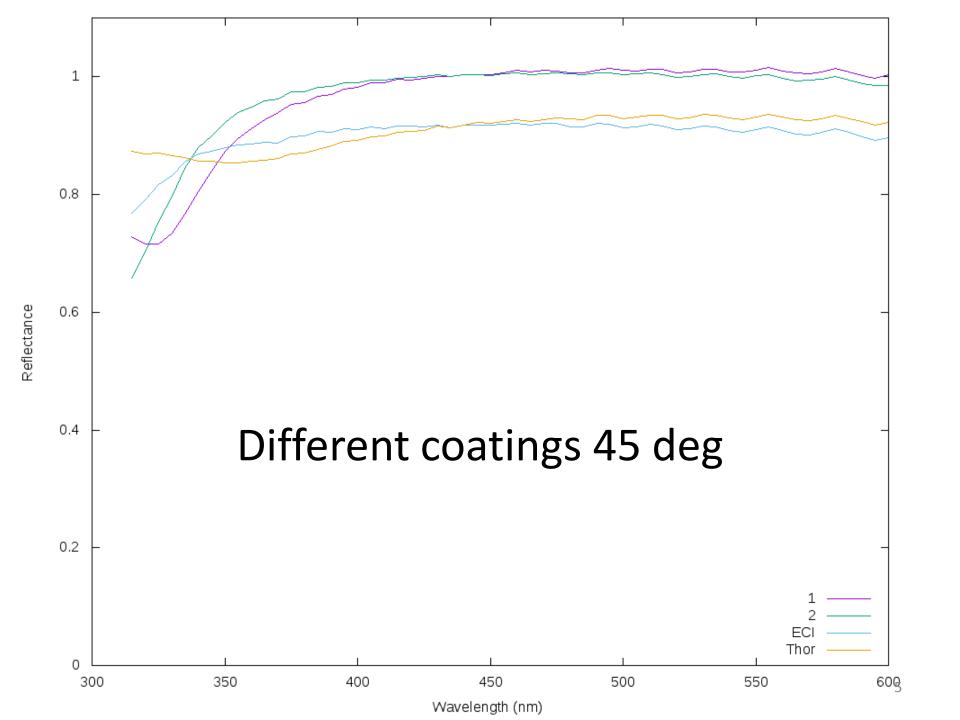
- Measure light directly into integrating sphere
  - Do this as a control for each angle
  - Day to day drift of the DAQ, coupling, etc
- Focus light on back of sphere at angles

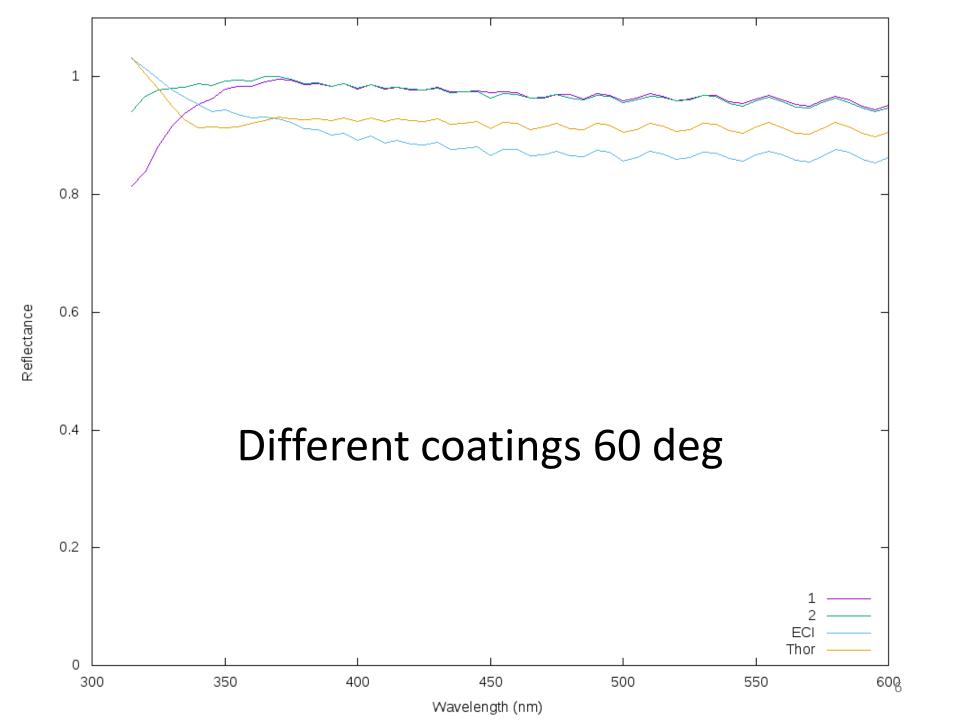
Compare DC current out of PMT

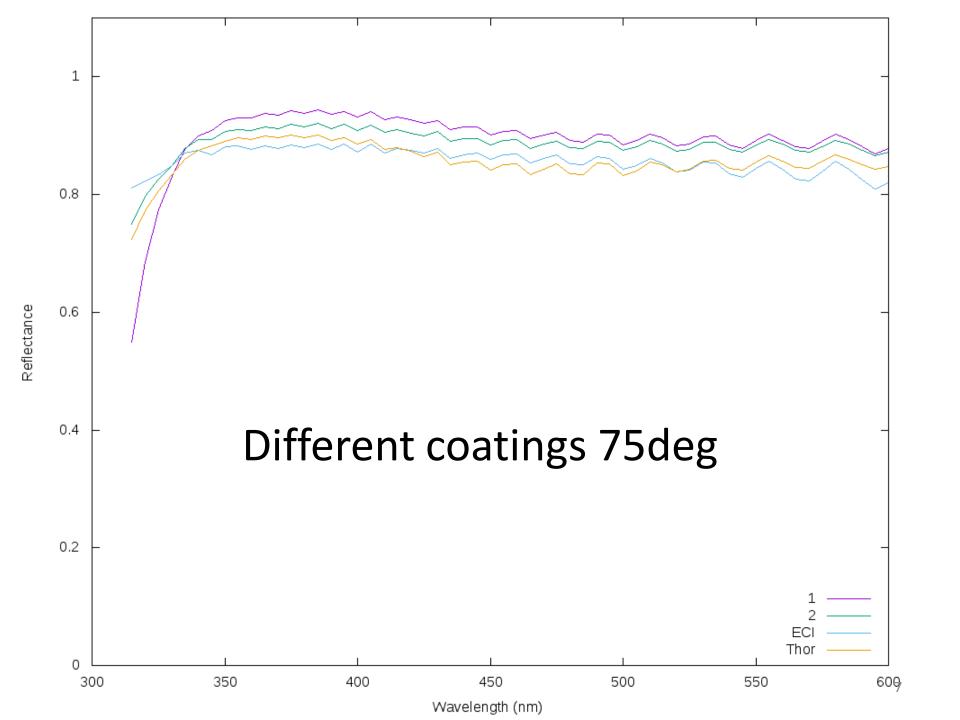






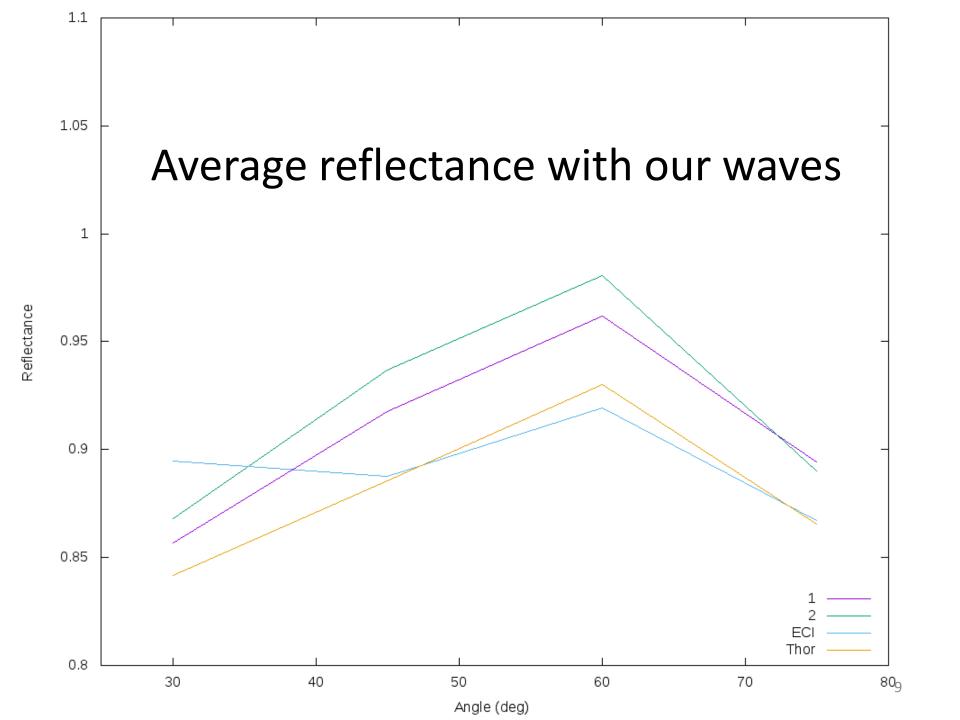


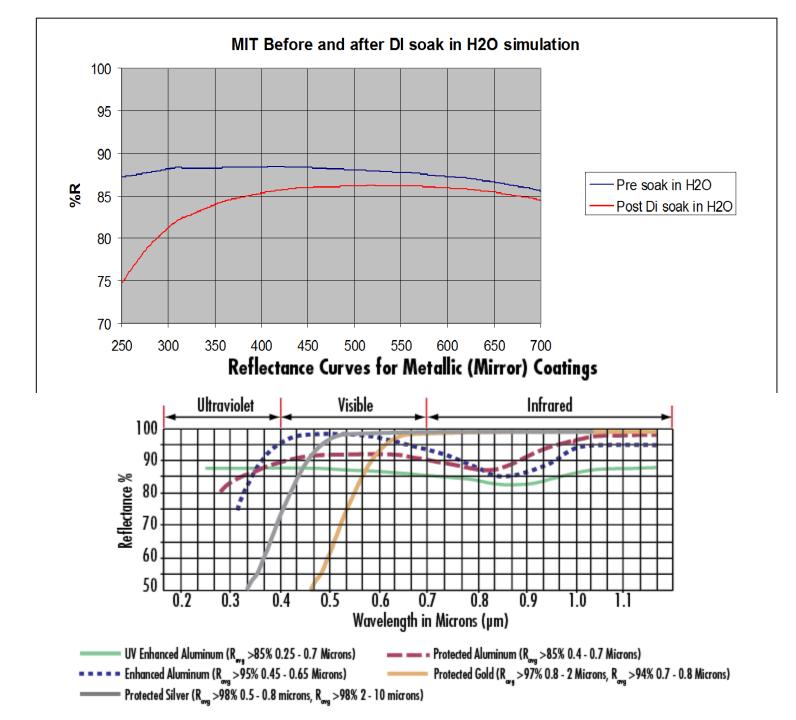




## **Problems**

- Wiggles at high wavelengths for shallow reflections
- Over unity reflectance at 60 deg
- I suspect both of these are related to overtones from the monochromator that show up at strange angles, am still investigating this





## UV-Enhanced Aluminum Coating, 45° AOI (UV to Near-IR Wavelengths Shown)

