

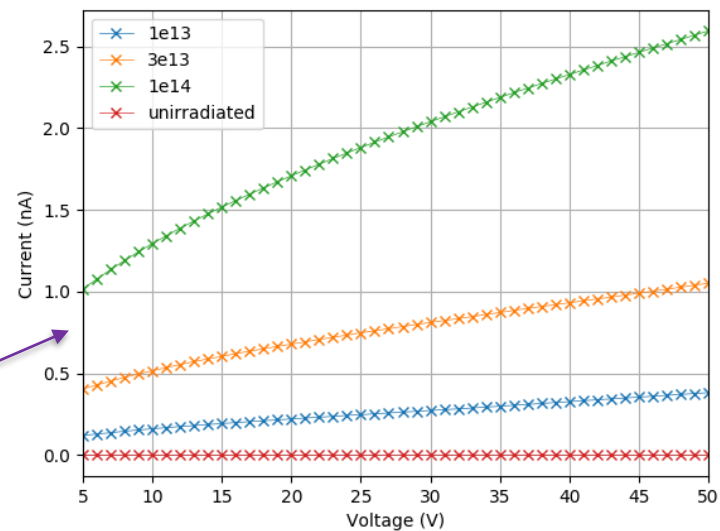
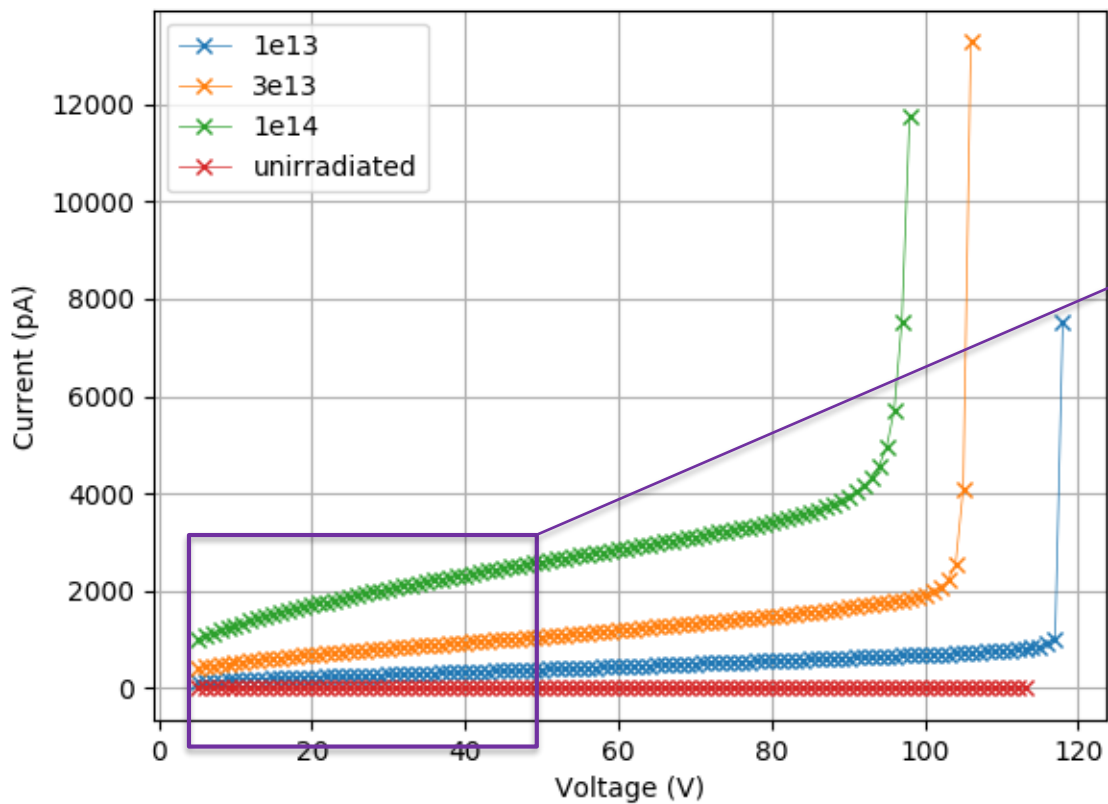
First IV of irradiated MPW2 samples

Patrick Sieberer

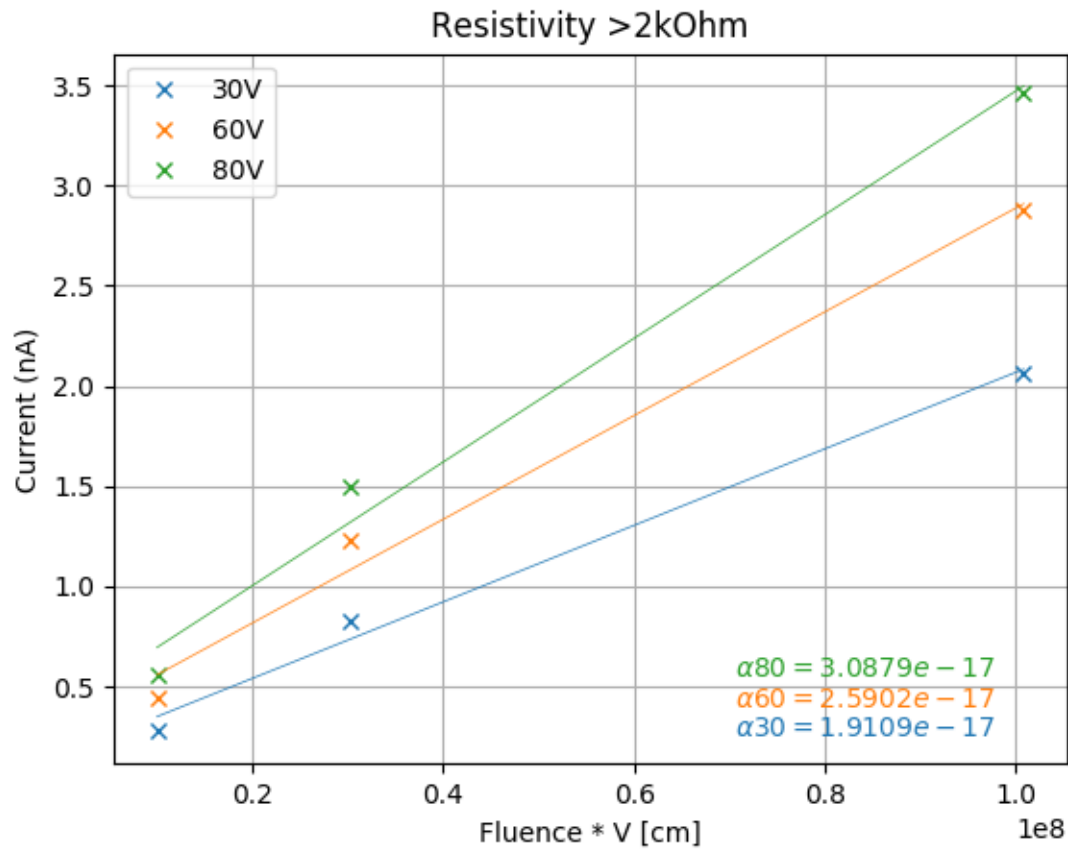
Setup

- High resistivity chips ($>2\text{k}\Omega$)
- Fluences: $1\text{e}13$, $3\text{e}13$, $1\text{e}14$
- Measured at RT
 - Warmed up for $\sim 1\text{h}$
- No humidity control
 - Some condensed water on sensor \rightarrow problem?
- Measurement Setup: See presentation at 12.03.2020
- **Only structure 2 measured**

IV



Alpha-Factor



Outlook

- IV of other resistivities
- Annealing studies
 - Proposal: 3 times 10 minutes at 60 degree
 - IV of all 9 chips after every step
 - Structure 2 only
- CV in a few weeks