

The chamber should hold 3 kV without break through.

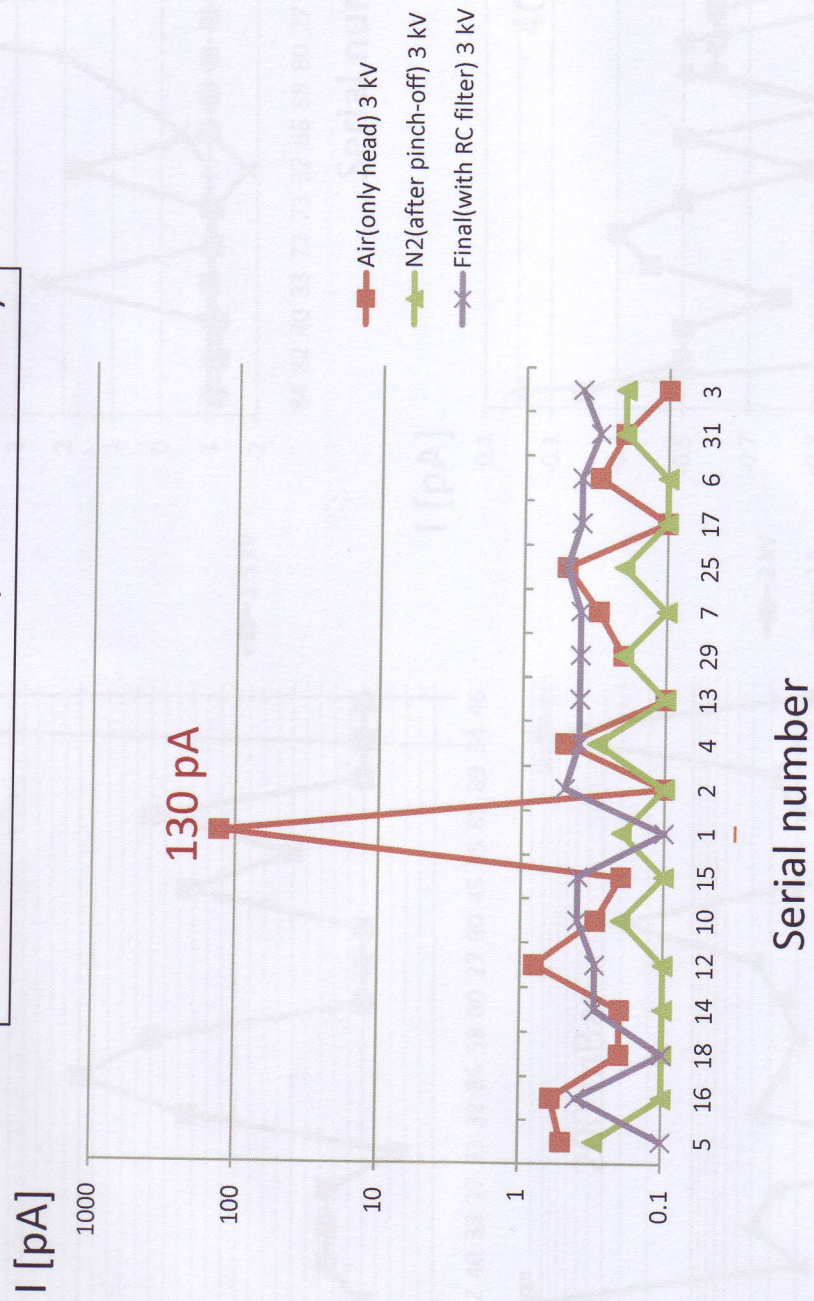
LIC,IHEP(Protvino)

- Batch#1: inside pressure 1.1 Bar; 2 shieldings; N2 gas bottle #1
- Batch#2: inside initial pressure 0.1 Bar; 2 shieldings;N2 gas bottle #1
- Batch#3: inside initial pressure 0.1 Bar; 2 shieldings; N2 gas bottle #2
- Batch#4: pressure changed 0.1 – 0.5 for HV measurements; final filling pressure is 0.4 Bar; 2 shieldings ; N2 gas bottle #2
- Batch#5:pressure changed from 0.1 - 0.4 for HV measurements; final filling pressure 0.4 Bar; 1 shielding; N2 gas bottle #2

01.07.2011-08.08.2011

Batch#1: 1.1 Bar, 2 shieldings

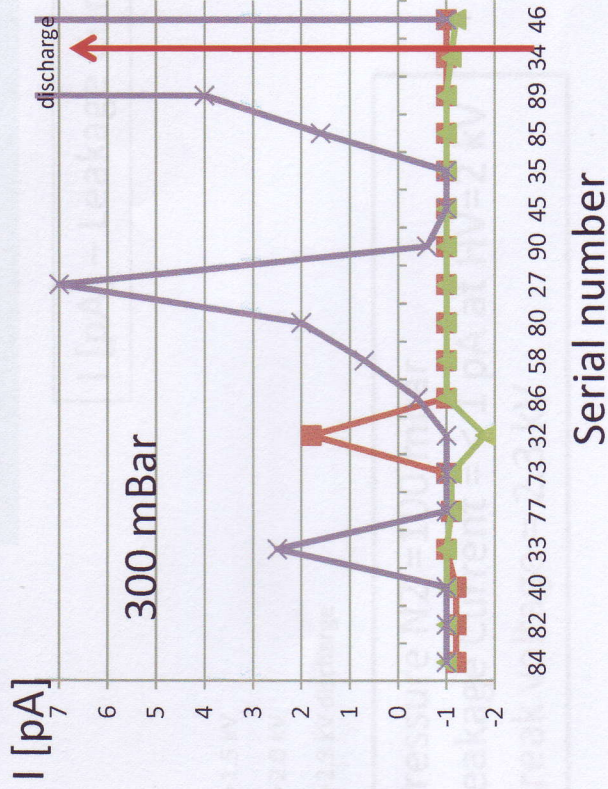
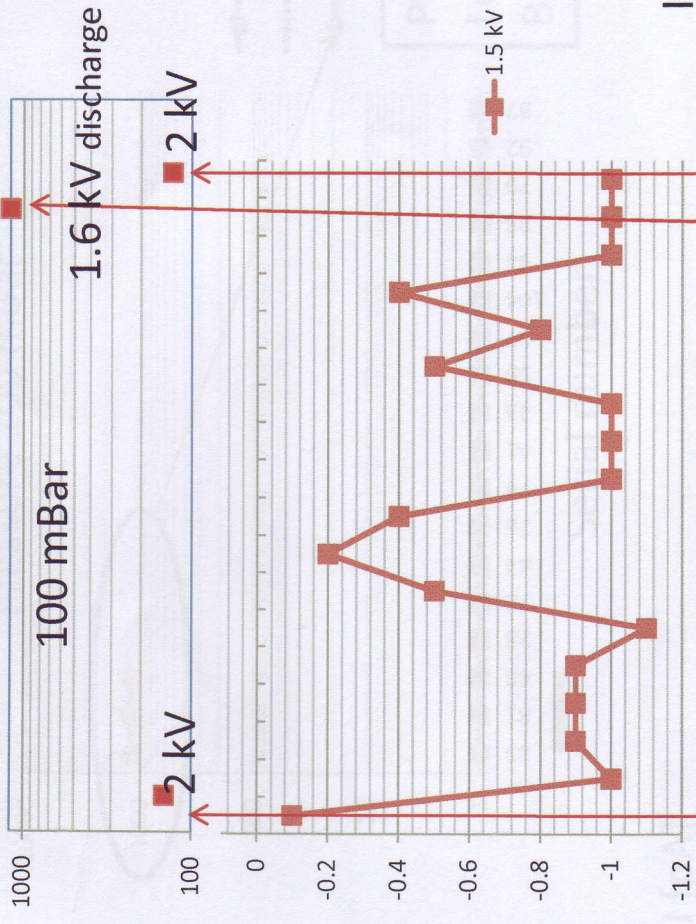
Leakage Current = f (Serial Number)



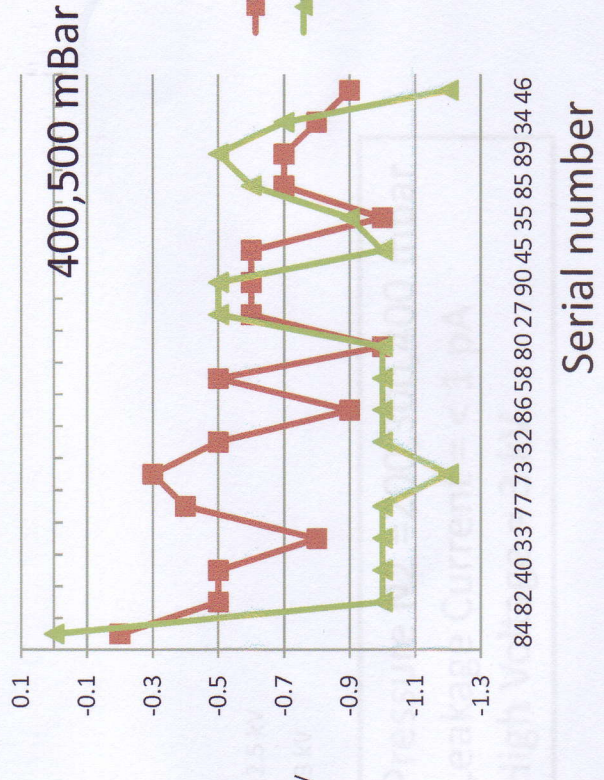
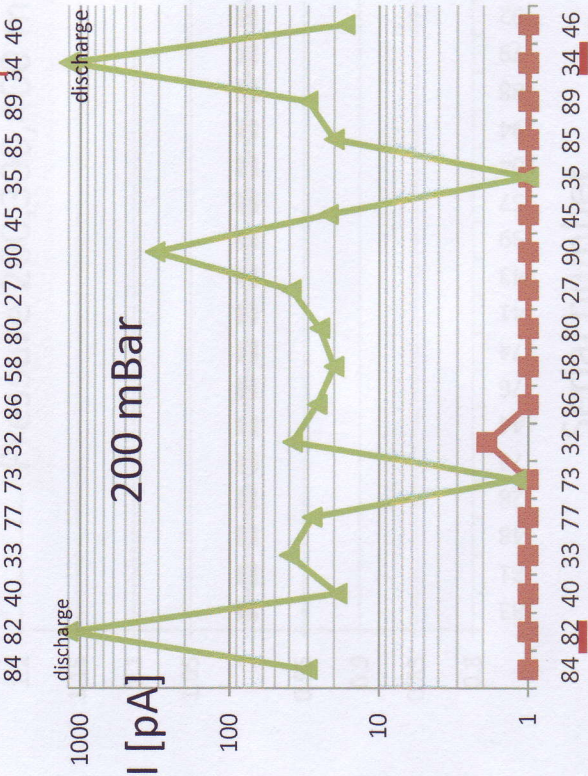
Batch#4: 2 shieldings

$$\text{Leakage Current} = f(\text{Serial Number})$$

I [pA]



I [pA]



Batch#5: 1 shielding

I [pA] – Leakage Current

