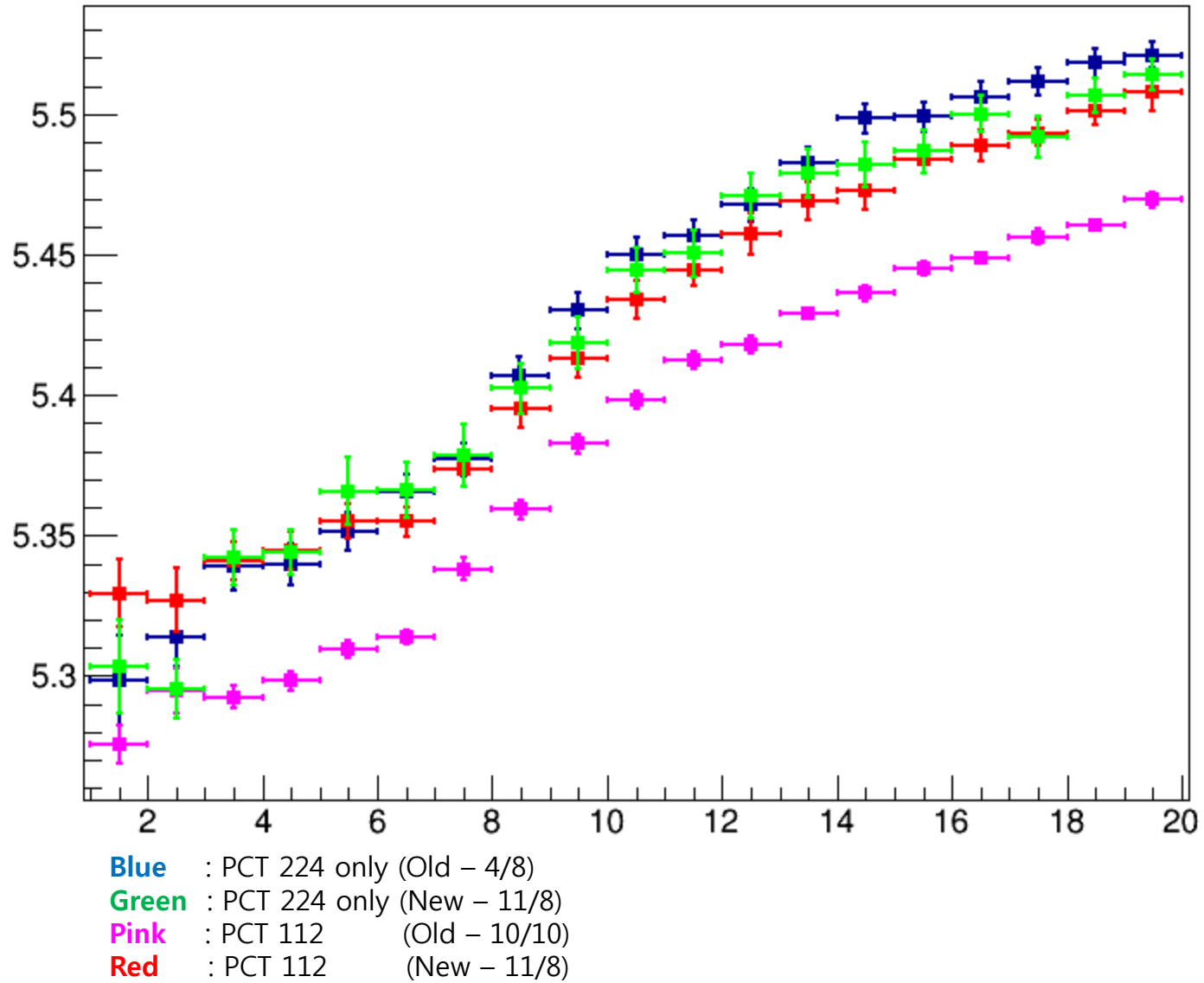




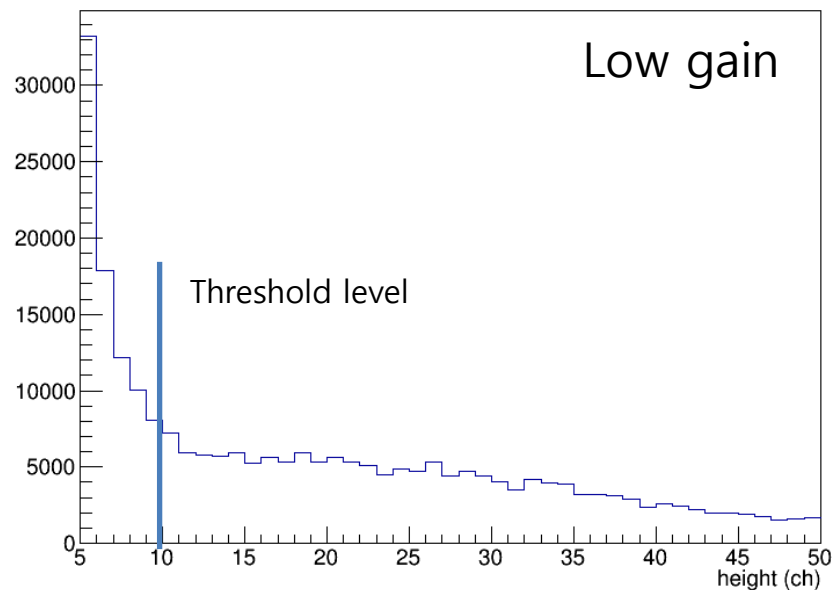
PMT gain

	PMT0 HV	PMT1 HV	pmt0.qc	pmt1.qc	det0.qc
SNU	1100	950	7.47	9.66	17.13
PCT 224 (wrong trg)	1140	1025	8.07	8.77	16.84
PCT 112 (fixed trg)	1170	985	7.68	7.88	15.56
New	1170	1015	8.44	8.25	16.69

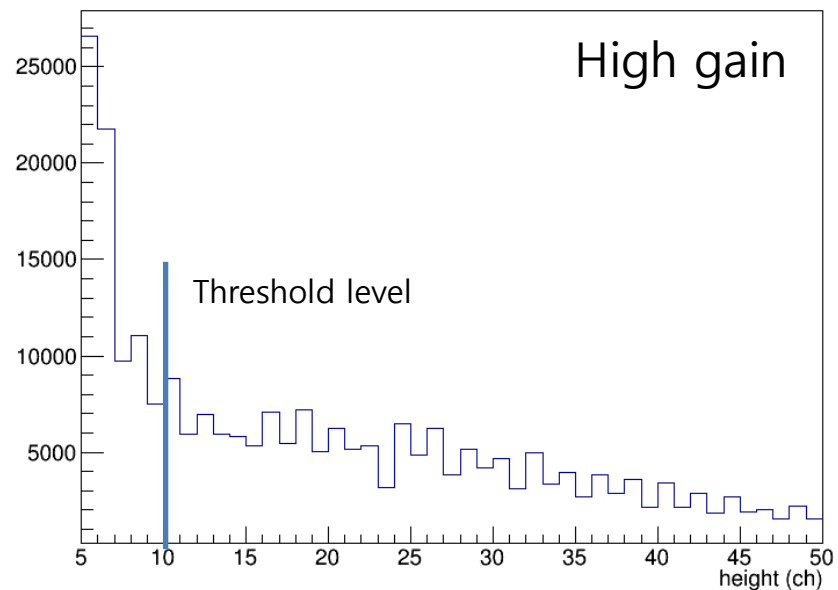
pmt.qc : charge sum in ch. unit for 60 keV from Am241

Pulse height distribution

h0



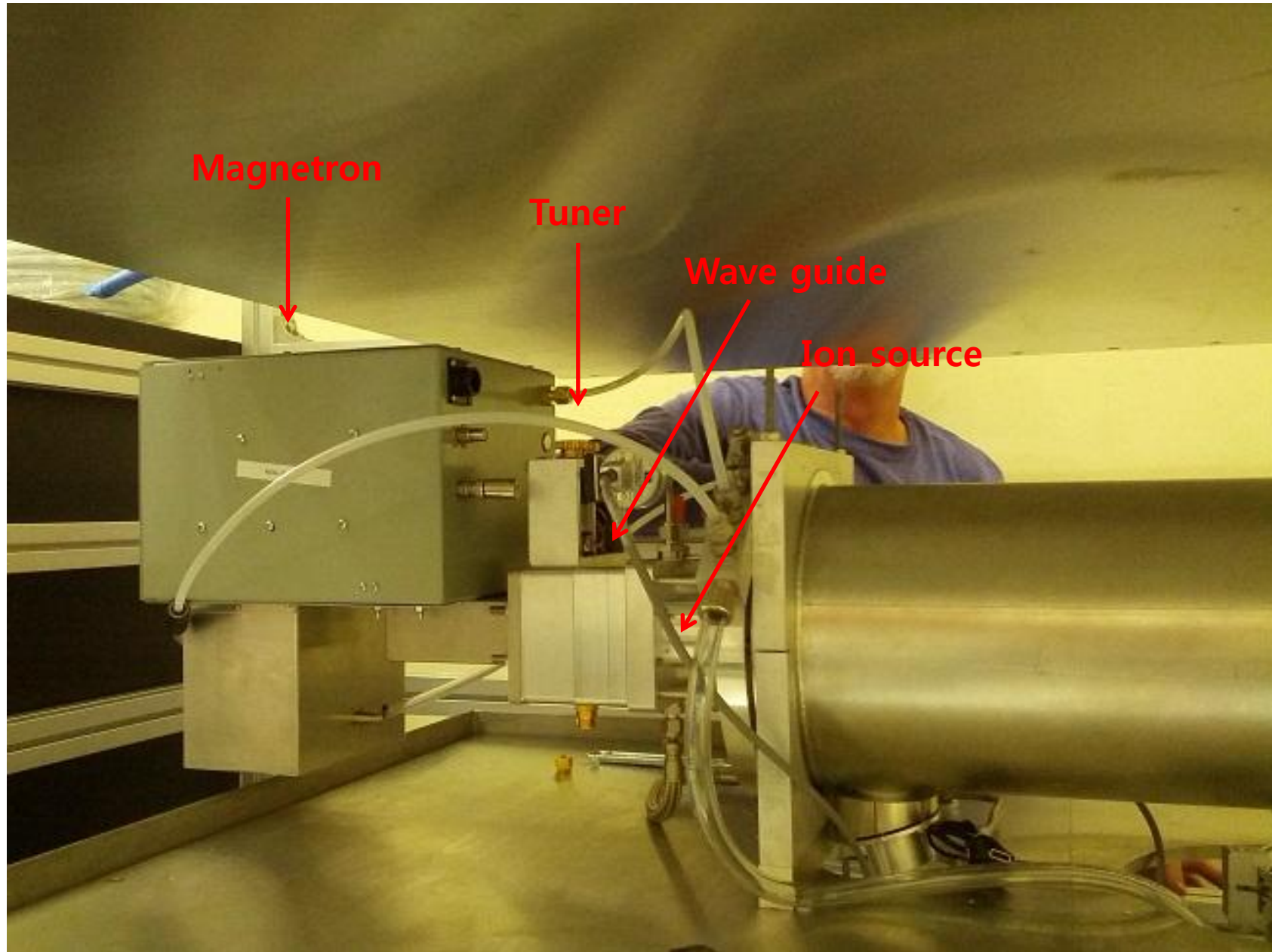
h0



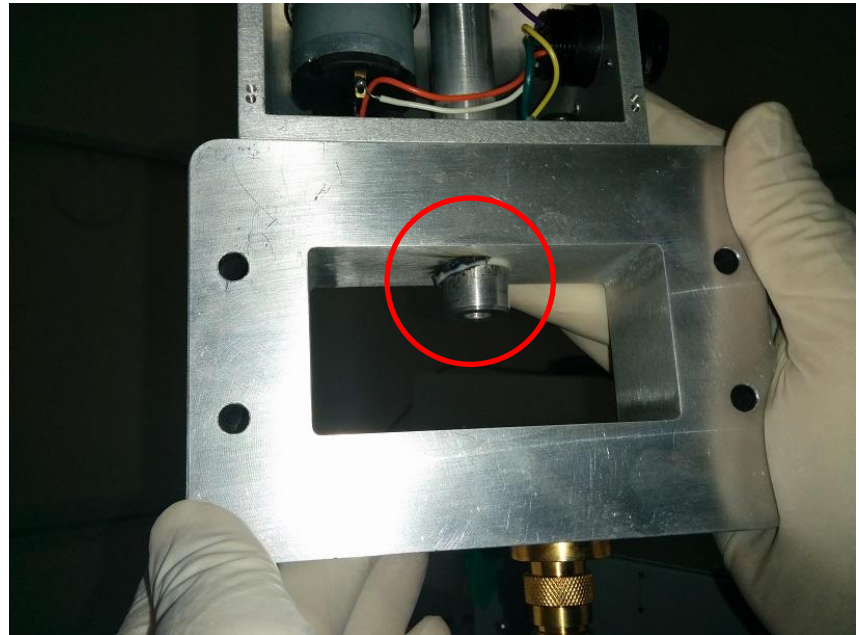
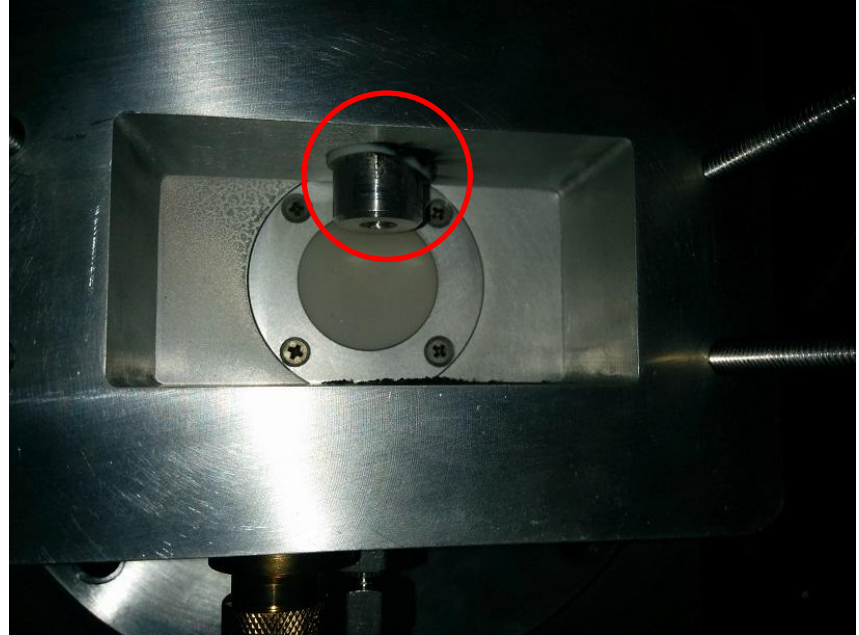
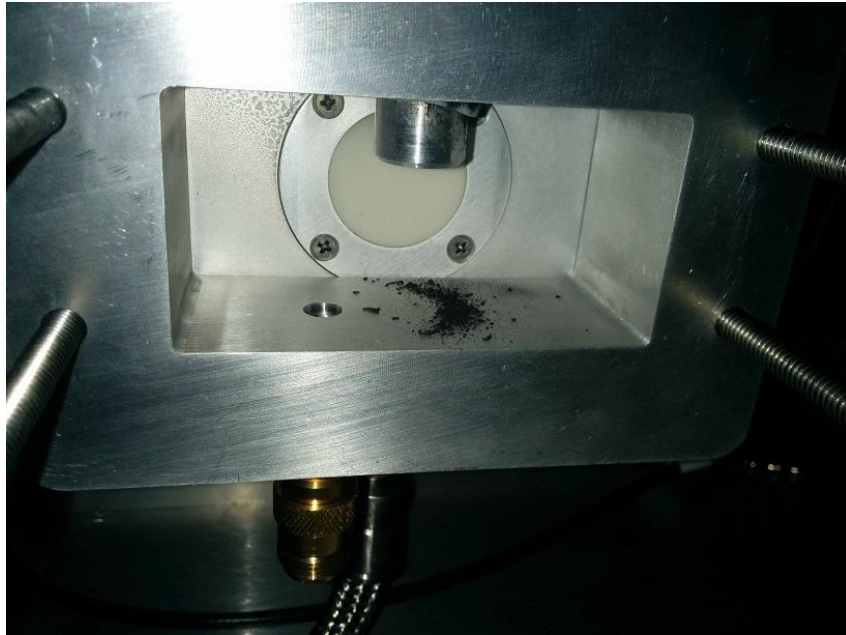
Clusters from 60 keV events from Am241
 $\text{det0.t0} + 1.5 < \text{cluster time} < \text{det0.t0} + 2.5$

FADC : 1 V dynamic range / 1024 ch.

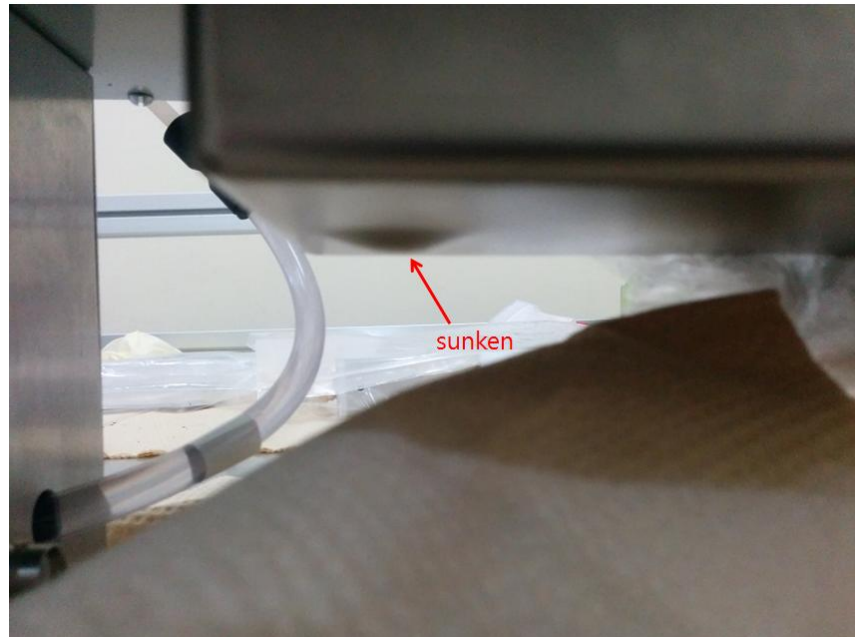
Neutron generator dis-assemble



Neutron generator dis-assemble (Tuner)

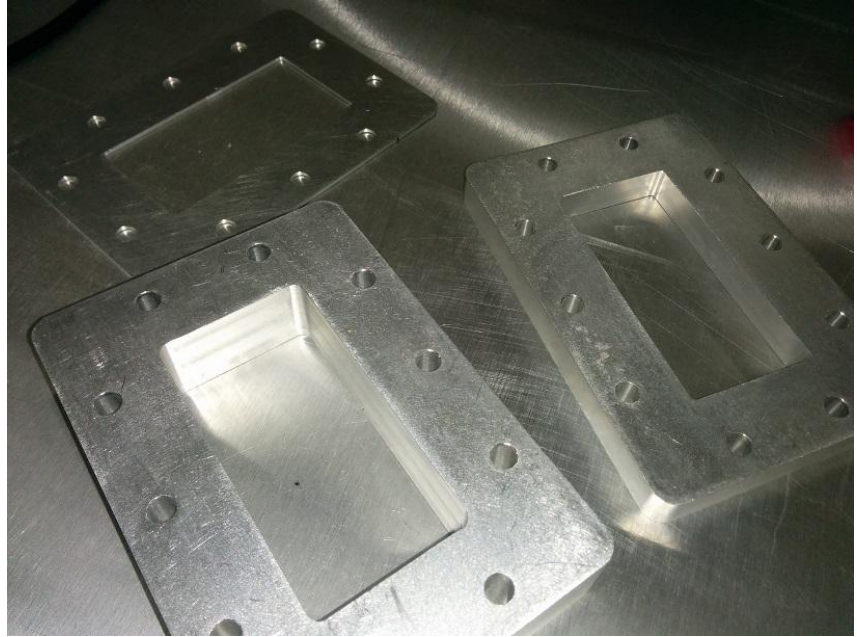


Neutron generator dis-assemble (Magnetron)

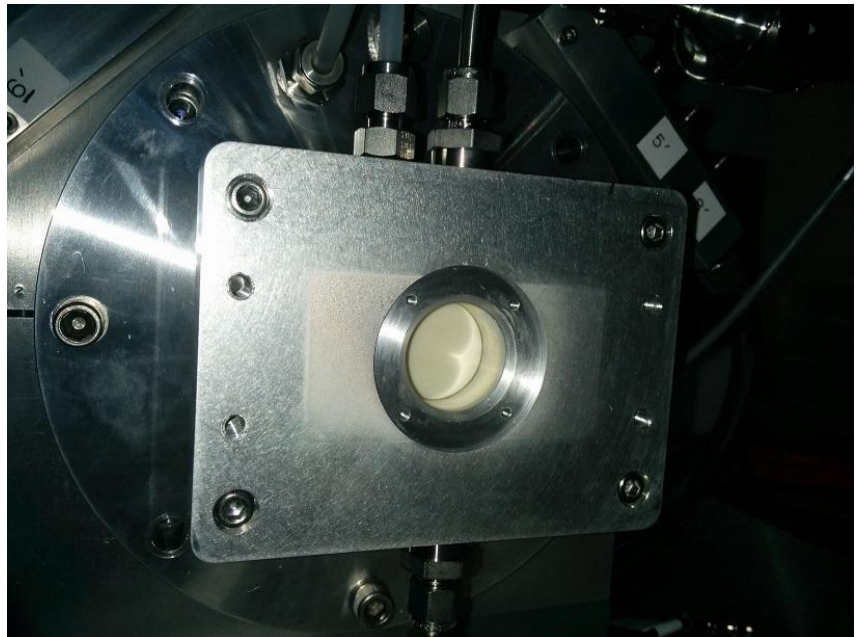


Neutron generator dis-assemble

Wave guides



Non replaceable ceramic window



Replaceable ceramic window

New DAQ system installed



DAQ PC
(8 Cores, 32GB ram)

500MHz sampling FADC
(2 ns per each bin,
2.5 V dynamic range,
4x2 channels)

Task Control Block

Plans

- **Wait new tuner for neutron generator and test**
- **Learn how to use DAQ / Analysis codes for new DAQ sys.**
- **Test run with new DAQ system (set HVs for PMTs, etc)**

Backup Slides

