## 2013\_9\_13\_labmeeting

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### Scan result

- Using detector 1, scan TDC and ADC
- Trigger: 2000 V, 25 mV
- D1: 2150 V, 125 mV



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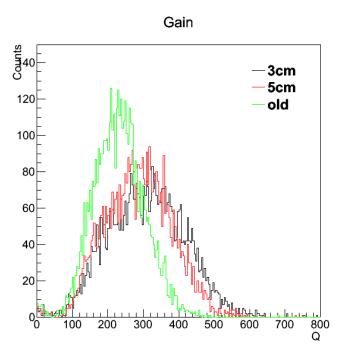
### Scan result TDC ADC Counts Counts Counts 06 ch0 -ch0 ch1 80 ch1 200 ch2 ch3 ch2 70 ch4 -ch3 ch5 60 150 ch4 ch6 ch7 50 ch5 ch8 ch9 ch6 40 100 ch10 ch7 ch11 30 20 50 10 ٥Ľ -5 5 10 15 200 400 600 800 1000 20 1200 1400 t (ns) O

- TDC ch1 can not get lower energy than other channels
- ADC ch3 is not working. Maybe this is the reason why KIRAMS experiment D3 has no data



- For the 3 cm case angle is about 45 degree
- 5 cm case is smaller than 45 degree

# Light guide comparison



- short Light guides are better than old version
- Slight different between 3 cm and 5 cm case
- Angle difference is not so crucial

## Plan

• Make 7 detector module with 3 cm light guide