

Status report

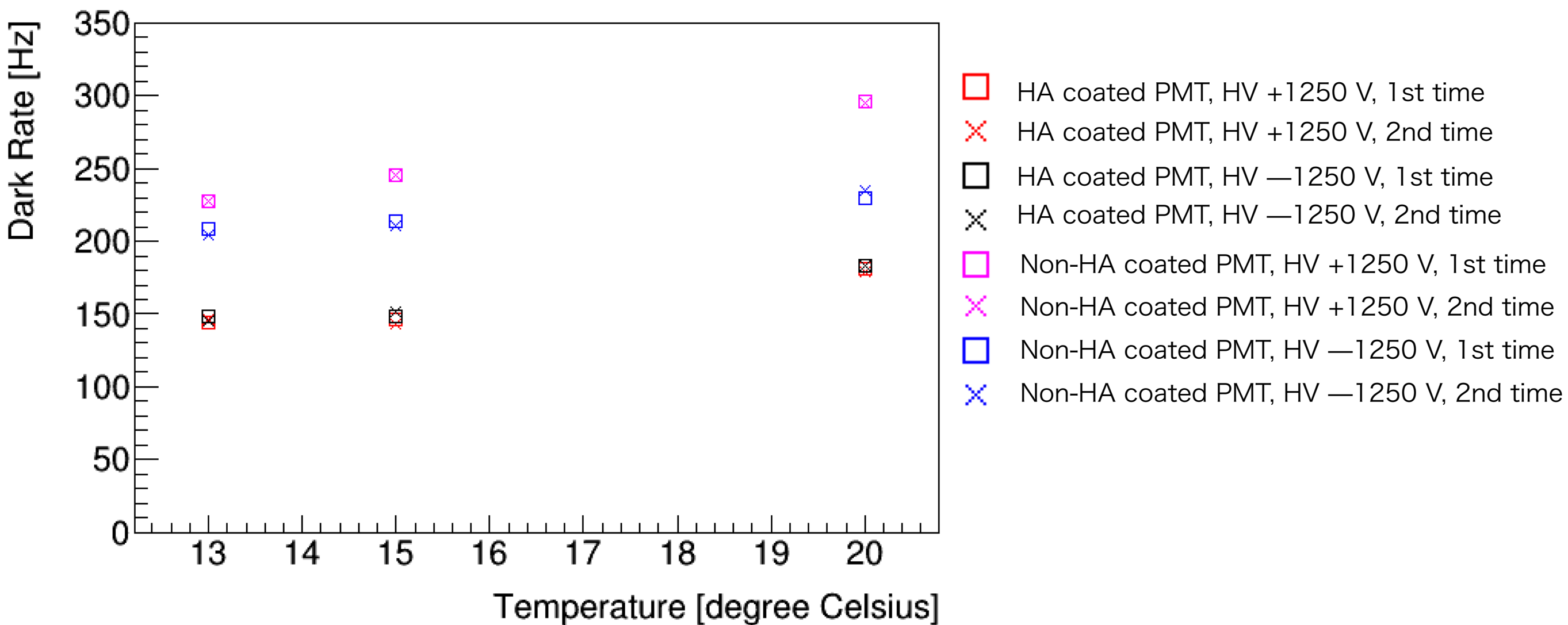
07/12/2019

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Dark rate

We measured the dark rate of non-HA coated PMT with positive HV.



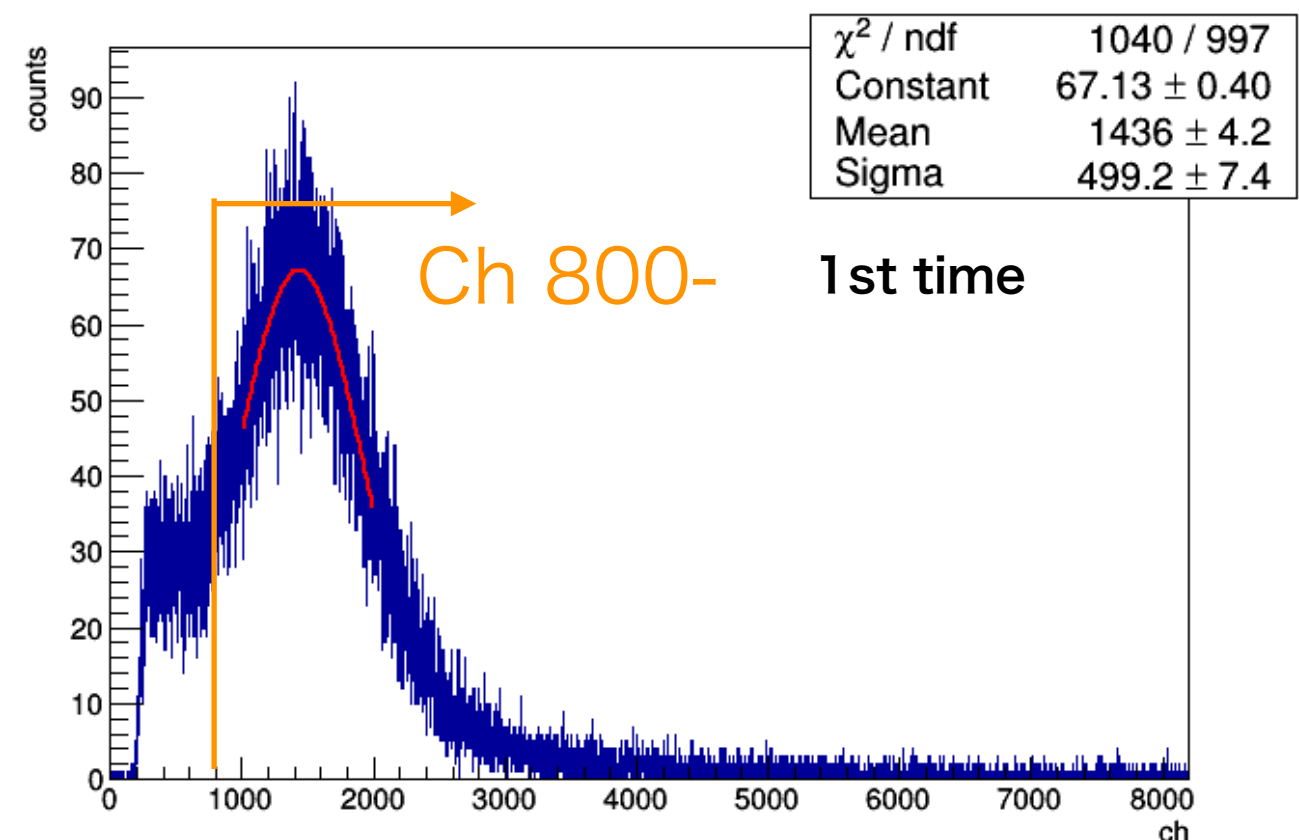
- The dark rate of a non-HA coated PMT with positive HV is higher than that with negative HV.

Future plan

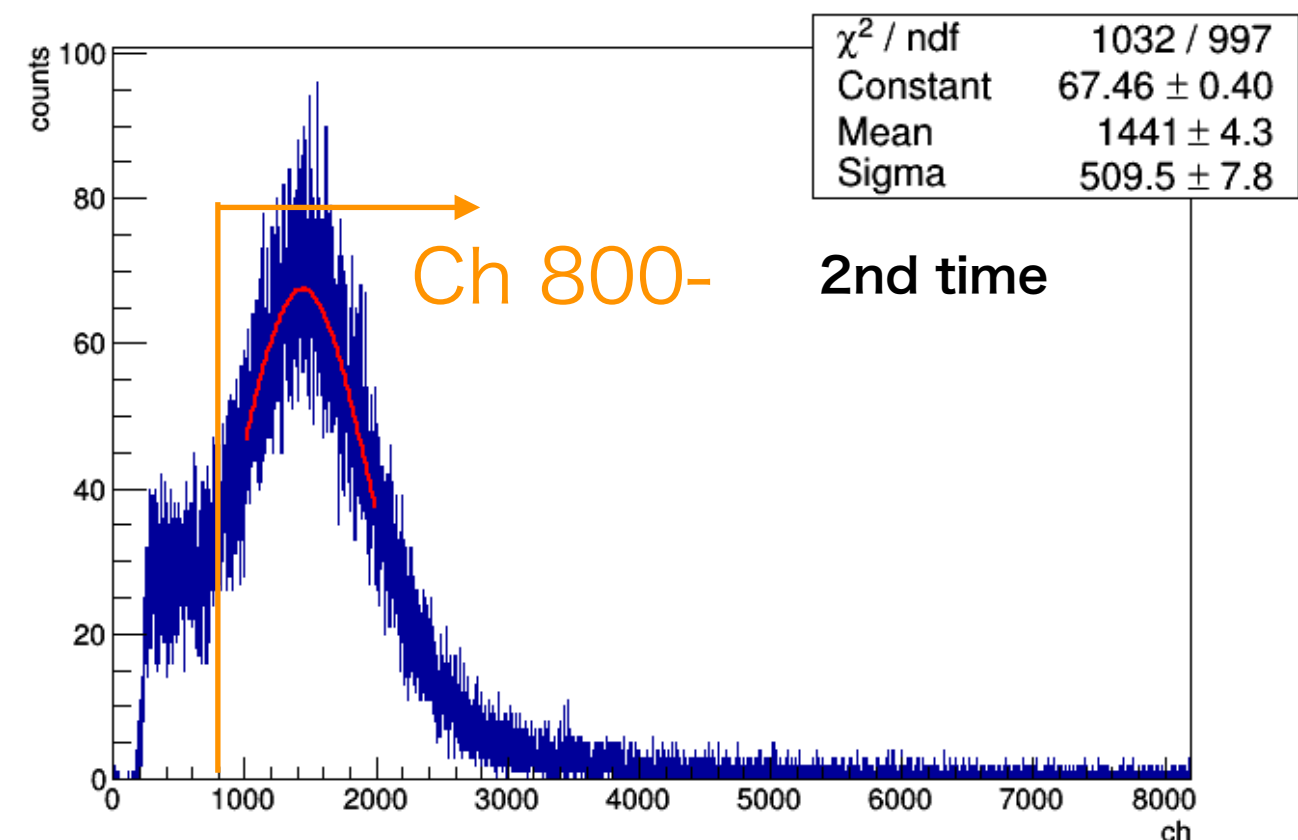
- We will measure the dark rate of another non-HA coated PMT with negative HV and positive HV.

Charge Distribution

HA coated PMT, 13 °C, HV+1250 V

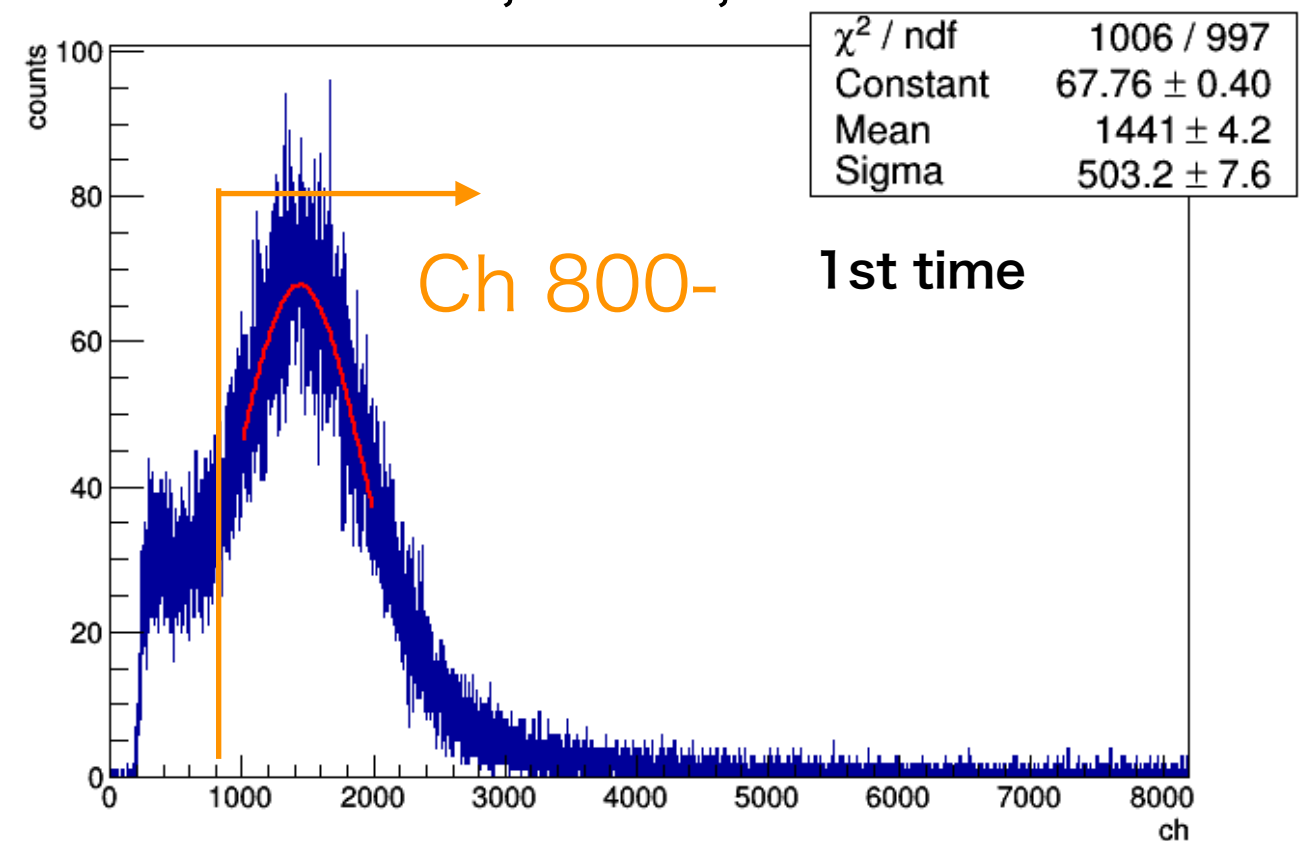


144.292 Hz

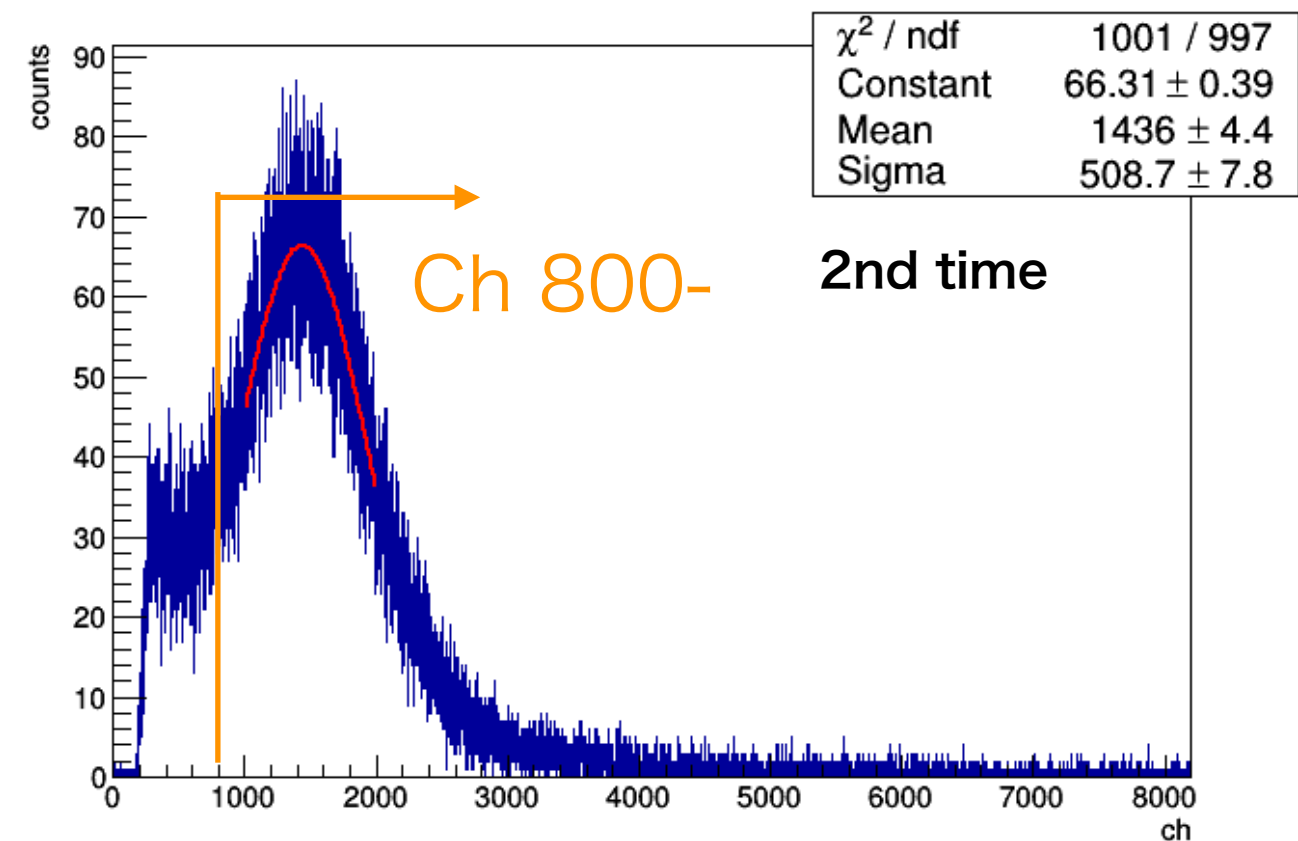


146.362 Hz

HA coated PMT, 15 °C, HV +1250 V

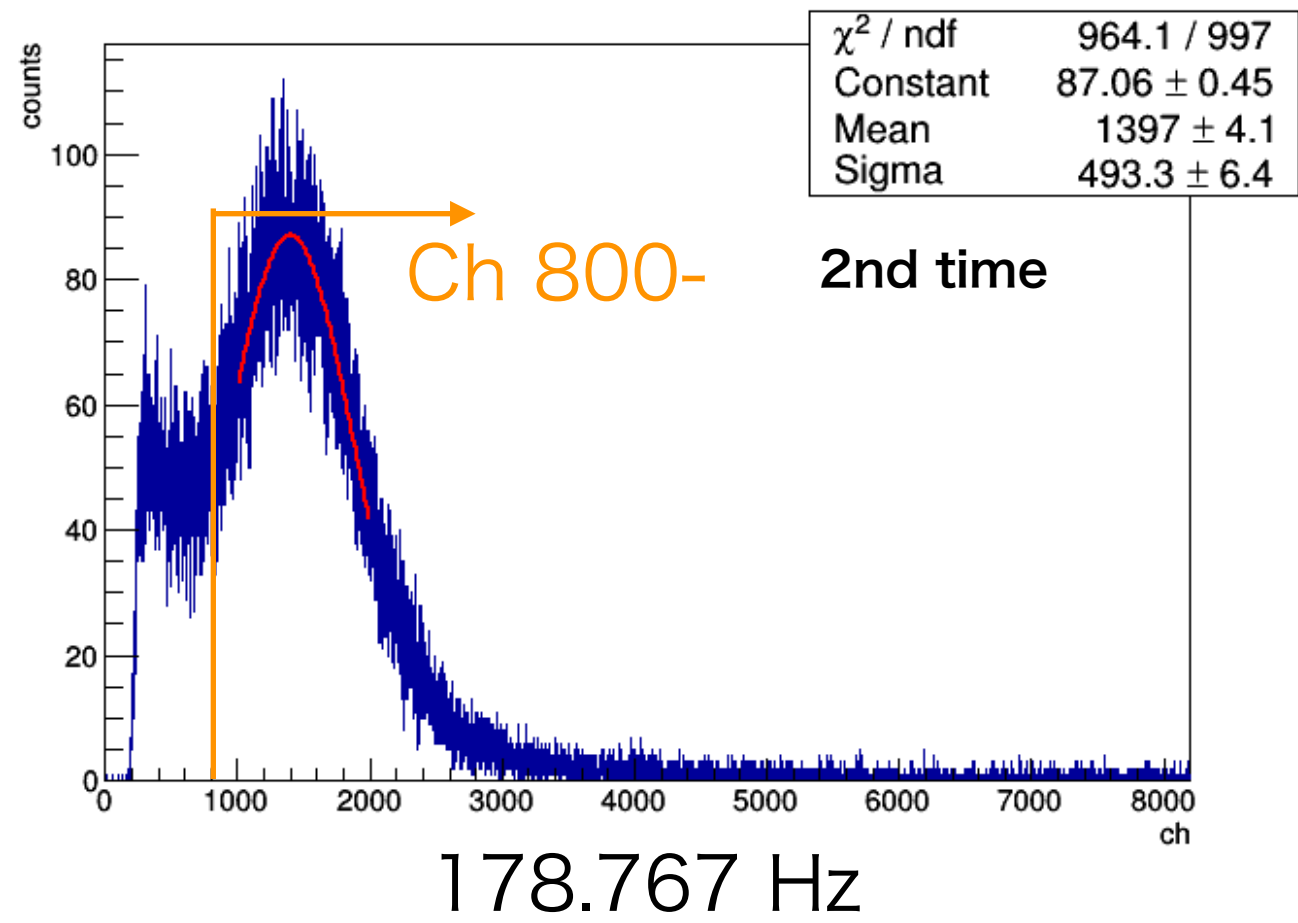
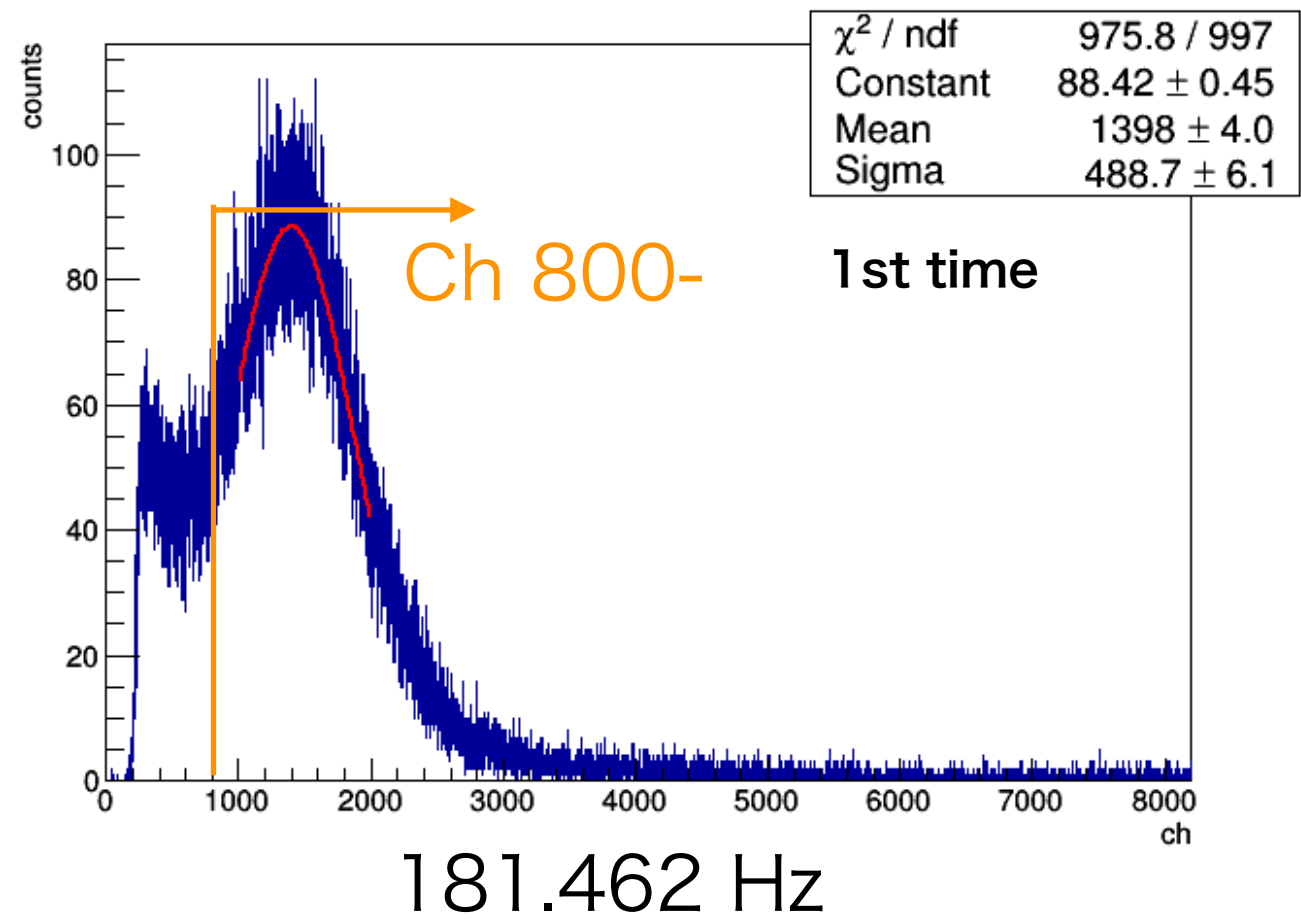


146.215 Hz

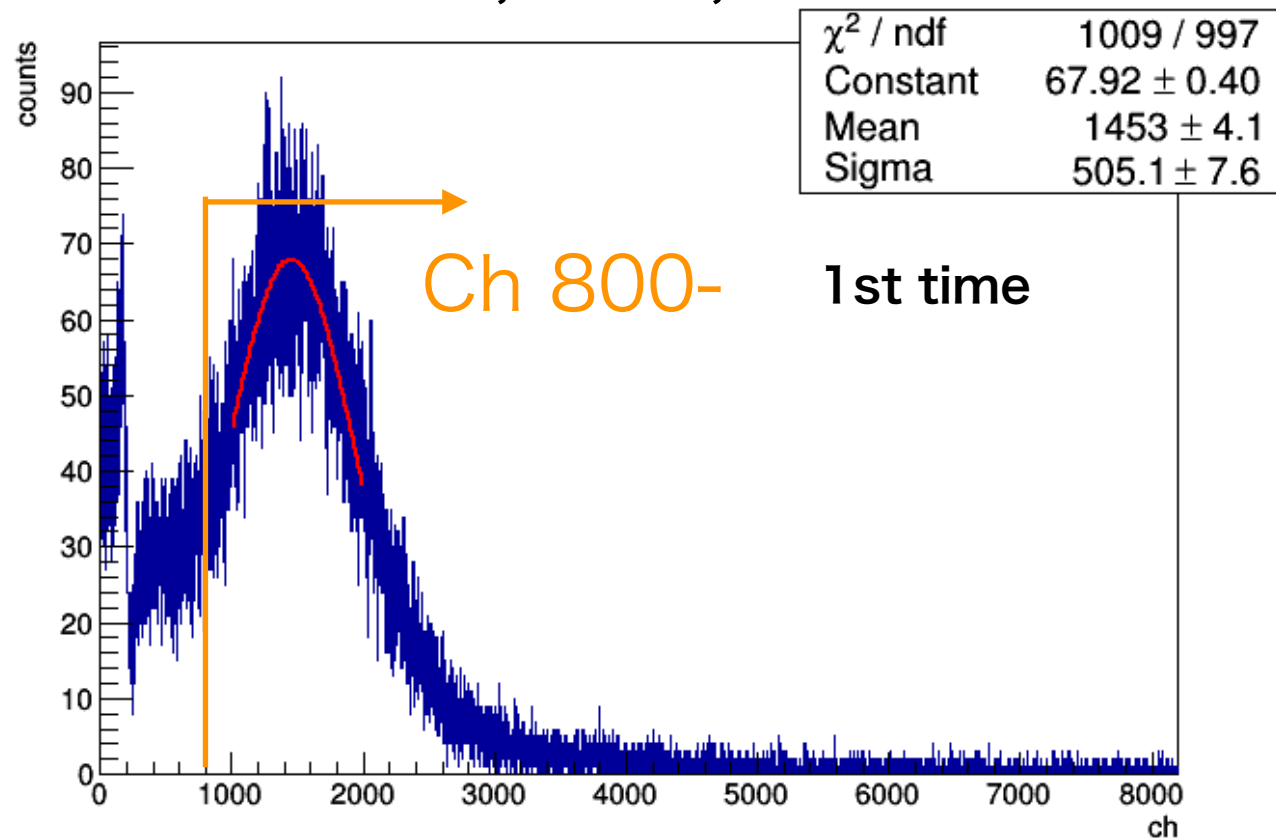


142.878 Hz

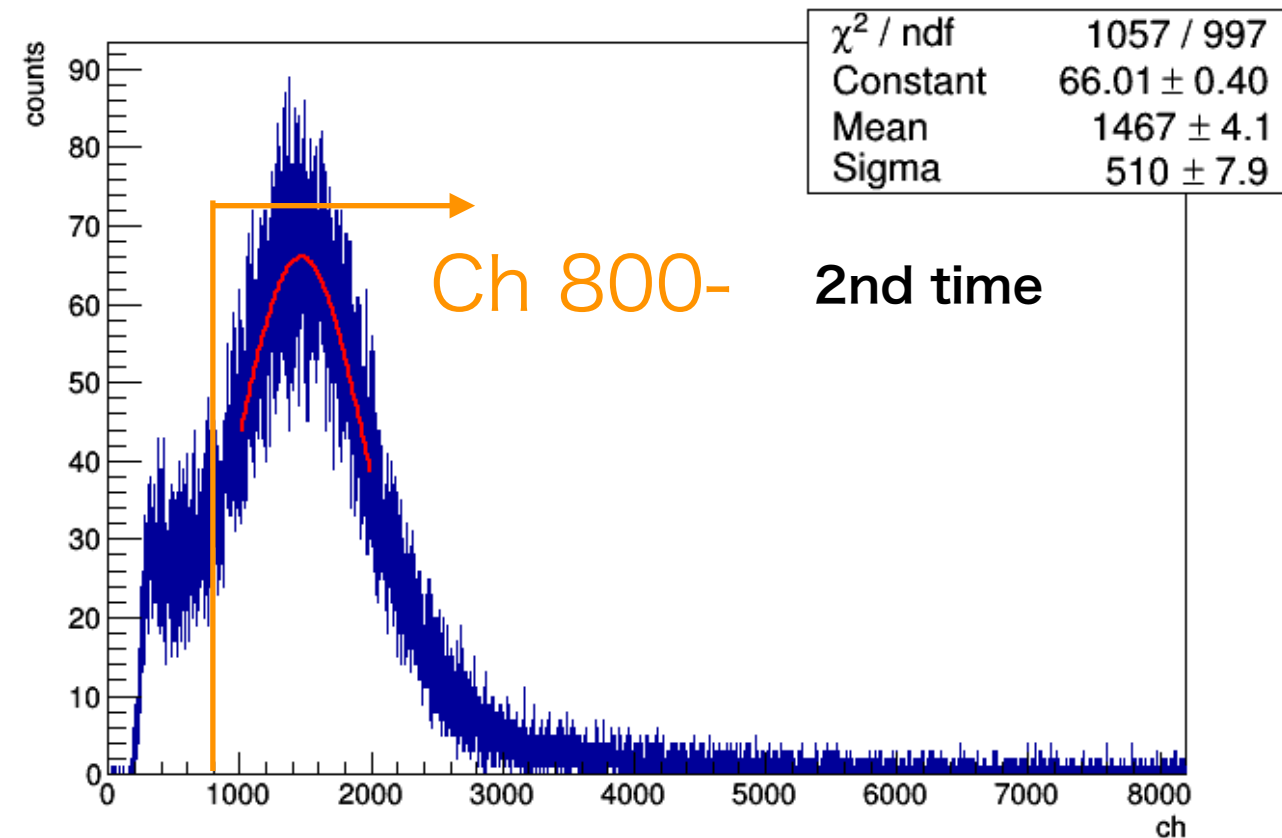
HA coated PMT, 20 °C, HV +1250 V



HA coated PMT, 13 °C, HV —1250 V

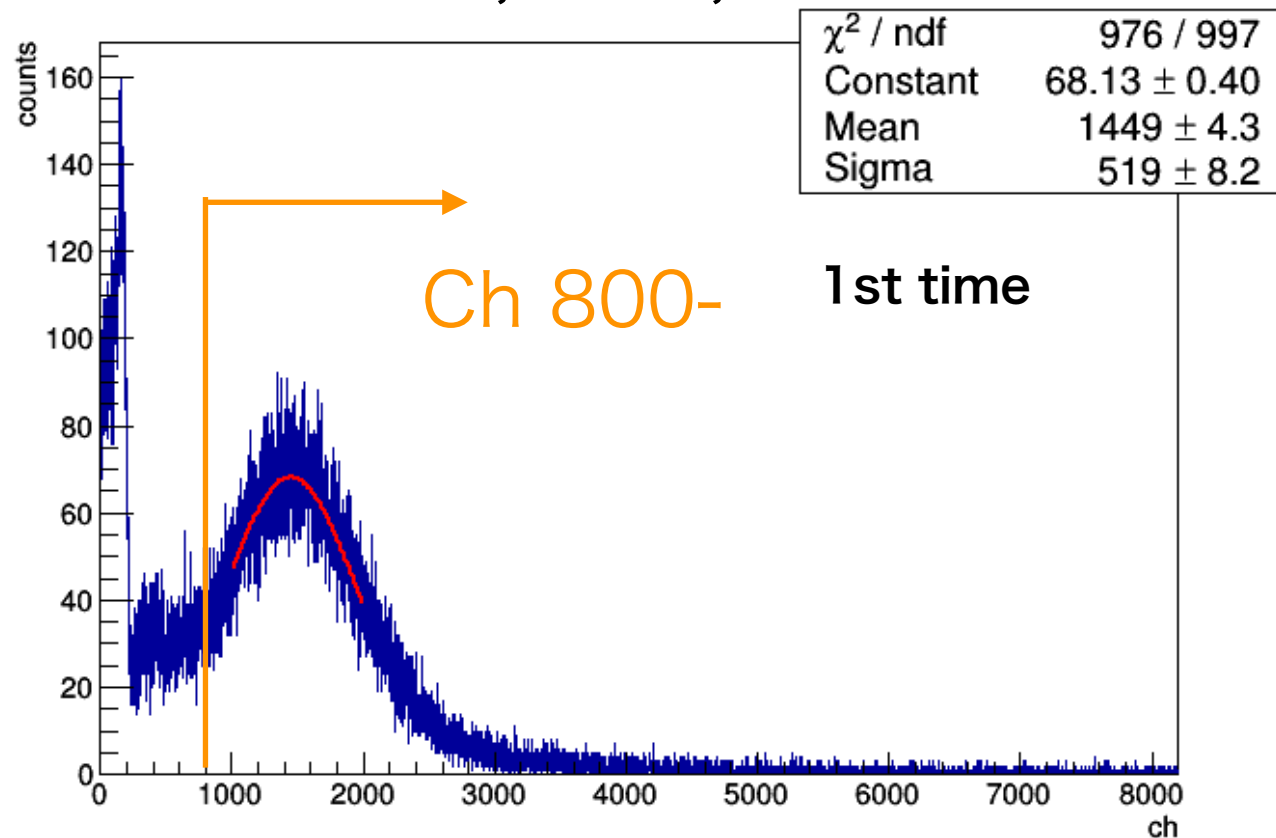


148.118 Hz

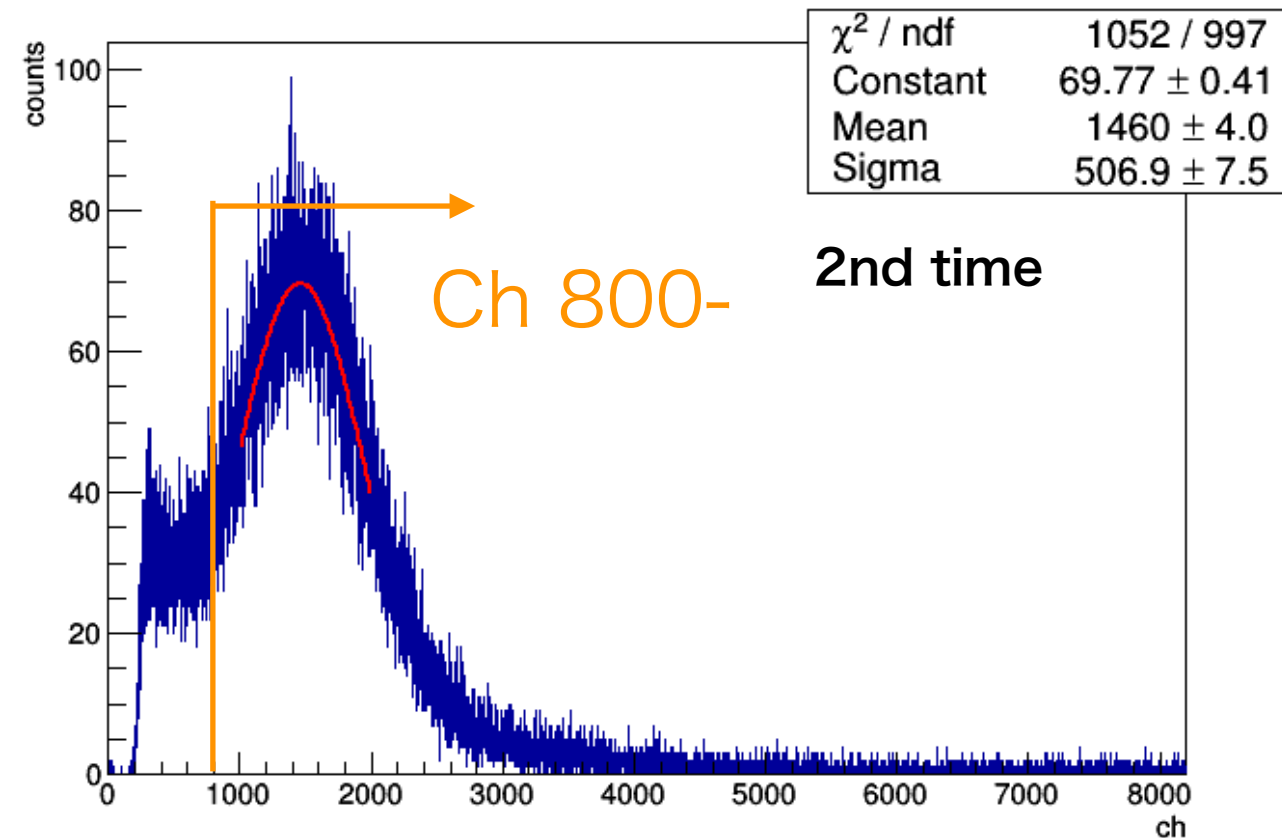


144.875 Hz

HA coated PMT, 15 °C, HV —1250 V

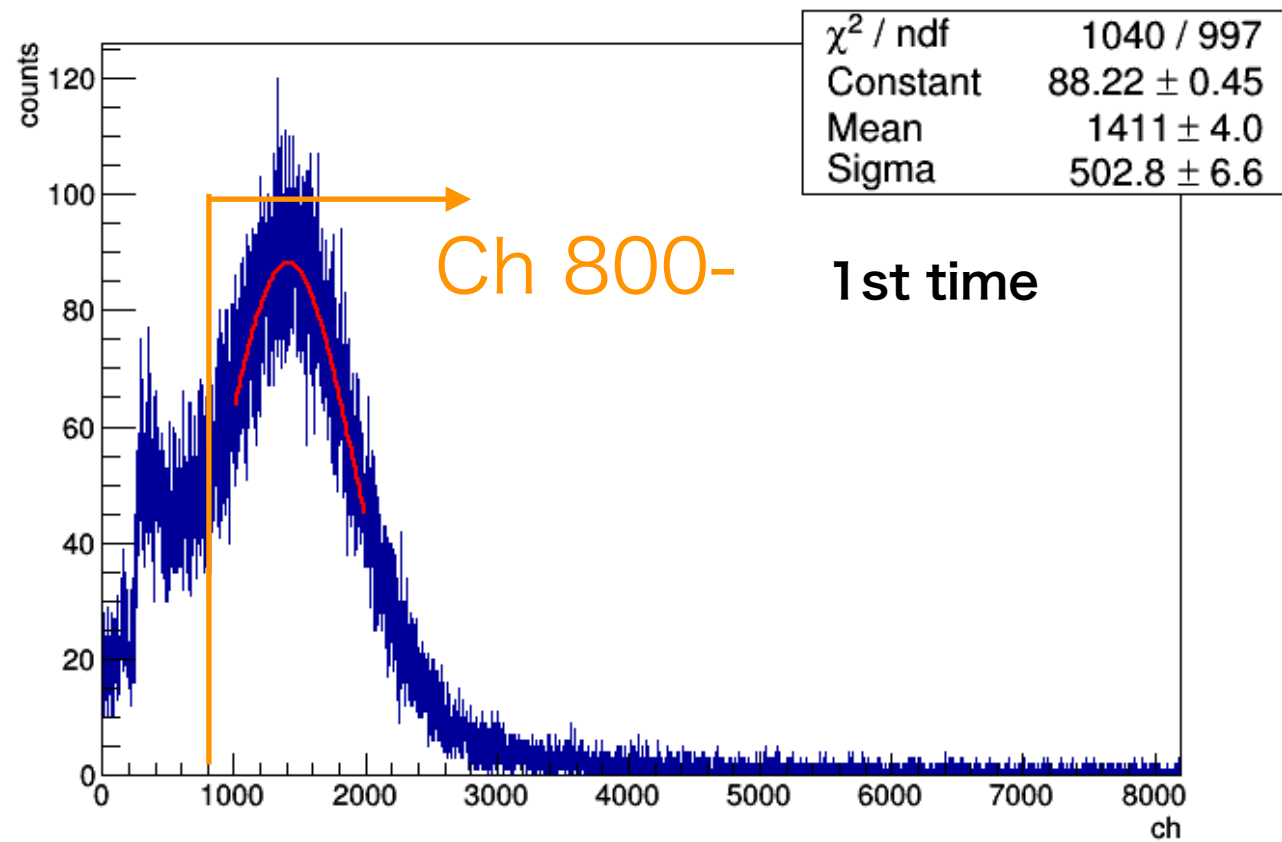


148.812 Hz

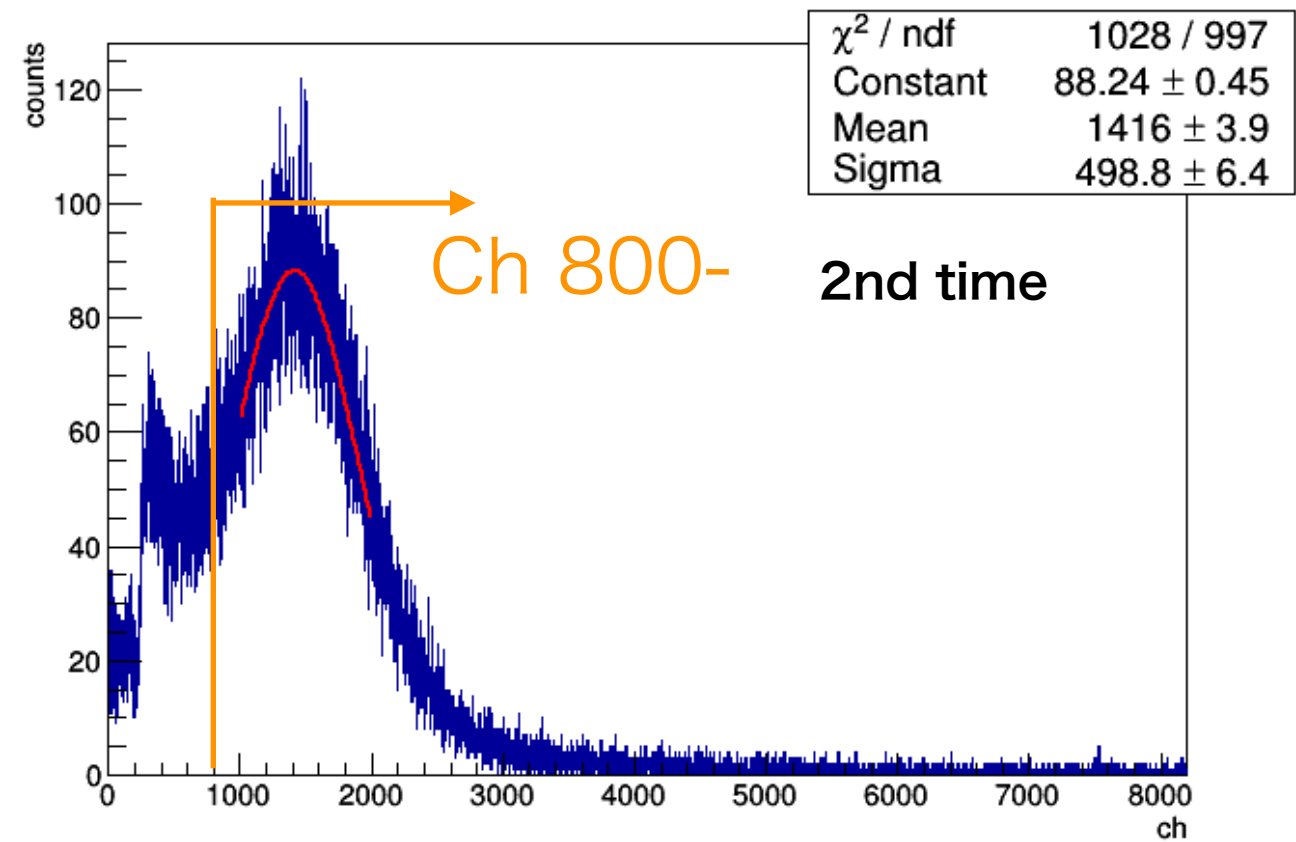


151.825 Hz

HA coated PMT, 20 °C, HV —1250 V

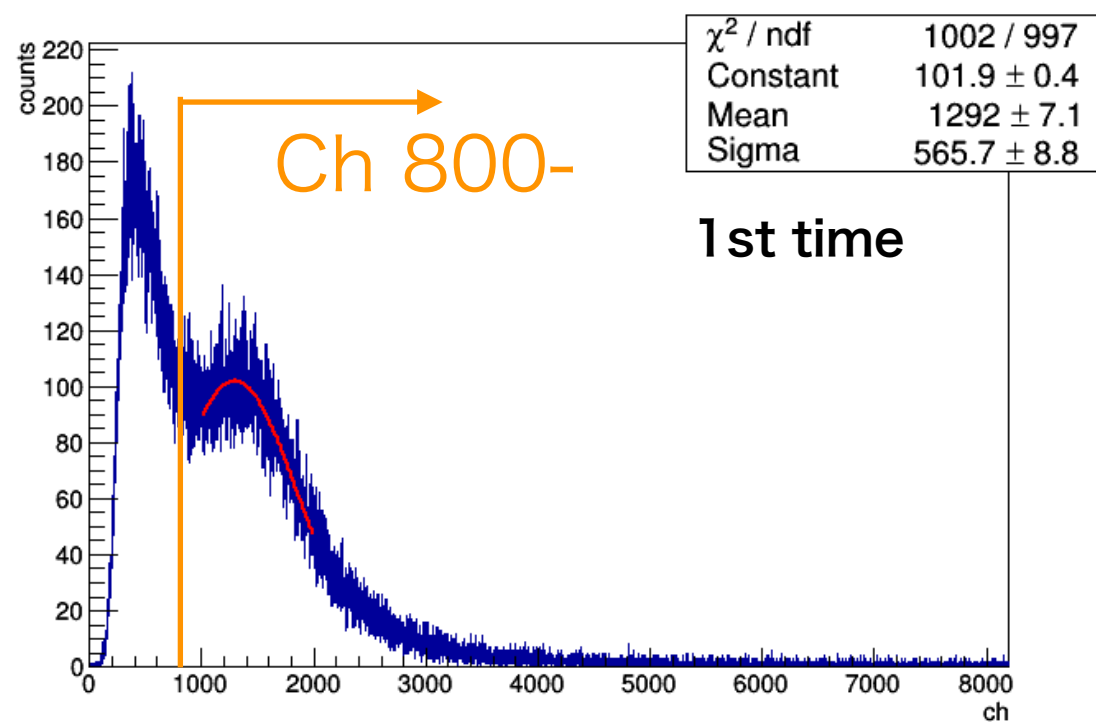


183.138 Hz

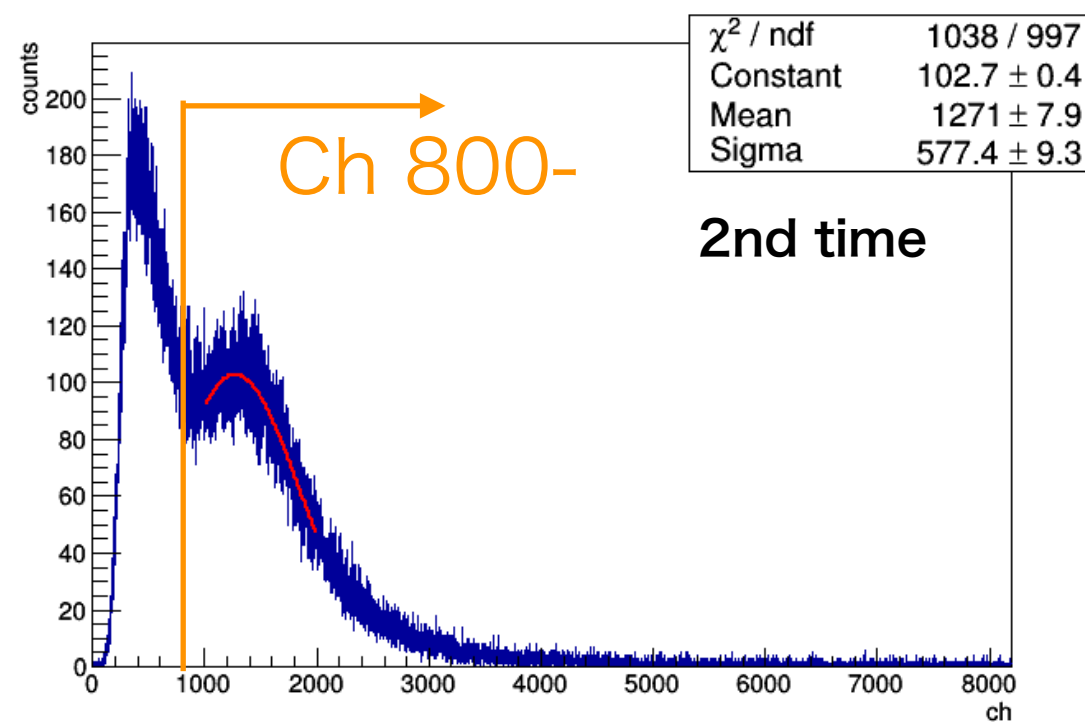


183.412 Hz

Non-HA coated PMT, 13 °C, HV +1250 V

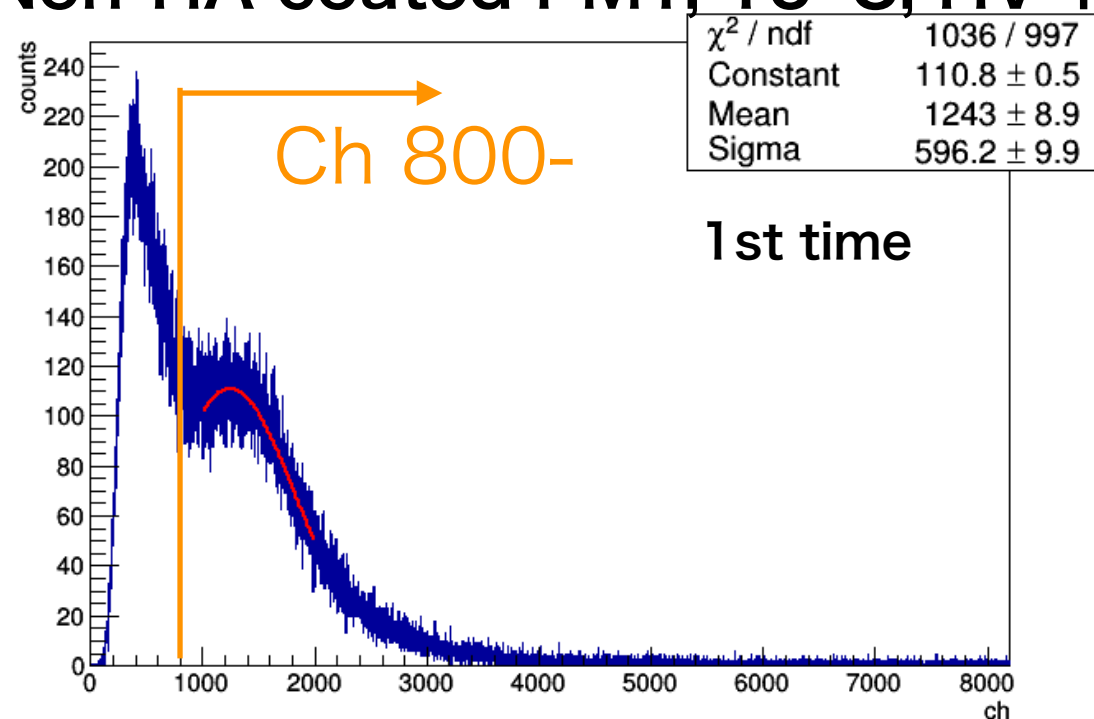


227.797 Hz

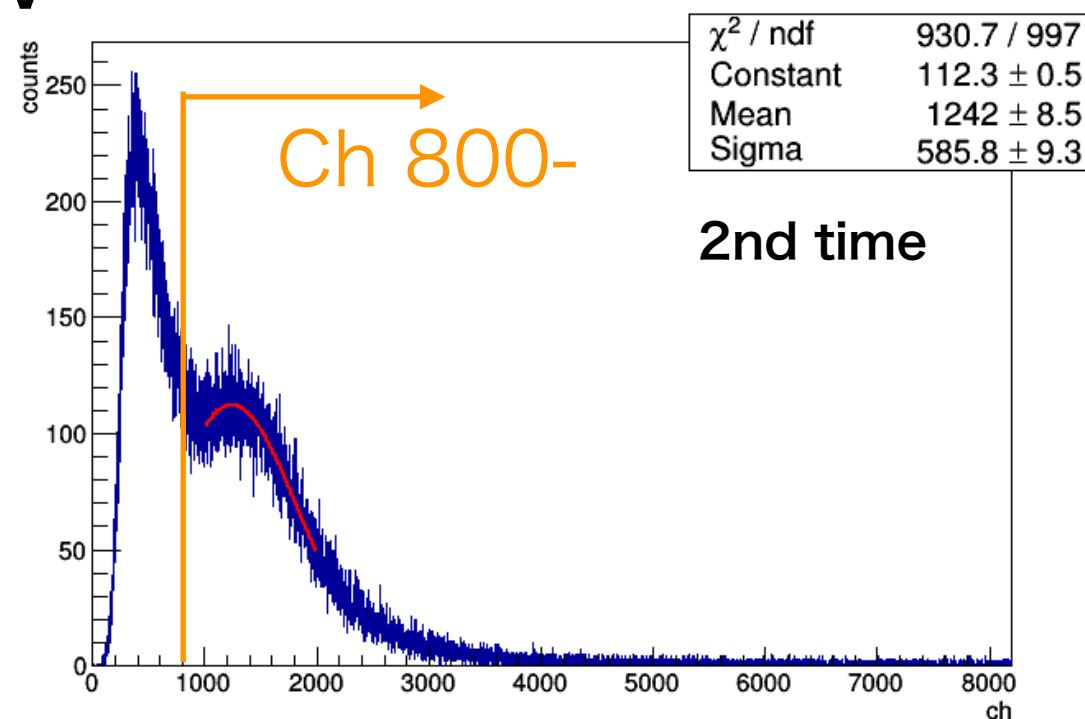


228.002 Hz

Non-HA coated PMT, 15 °C, HV +1250 V

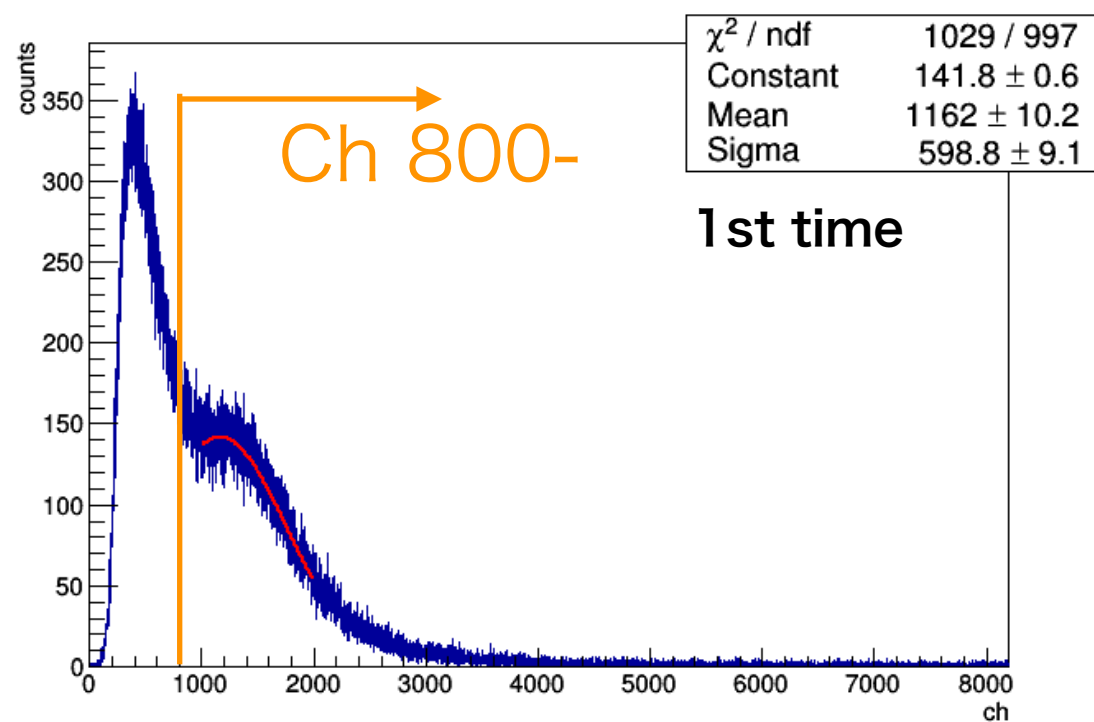


245.187 Hz

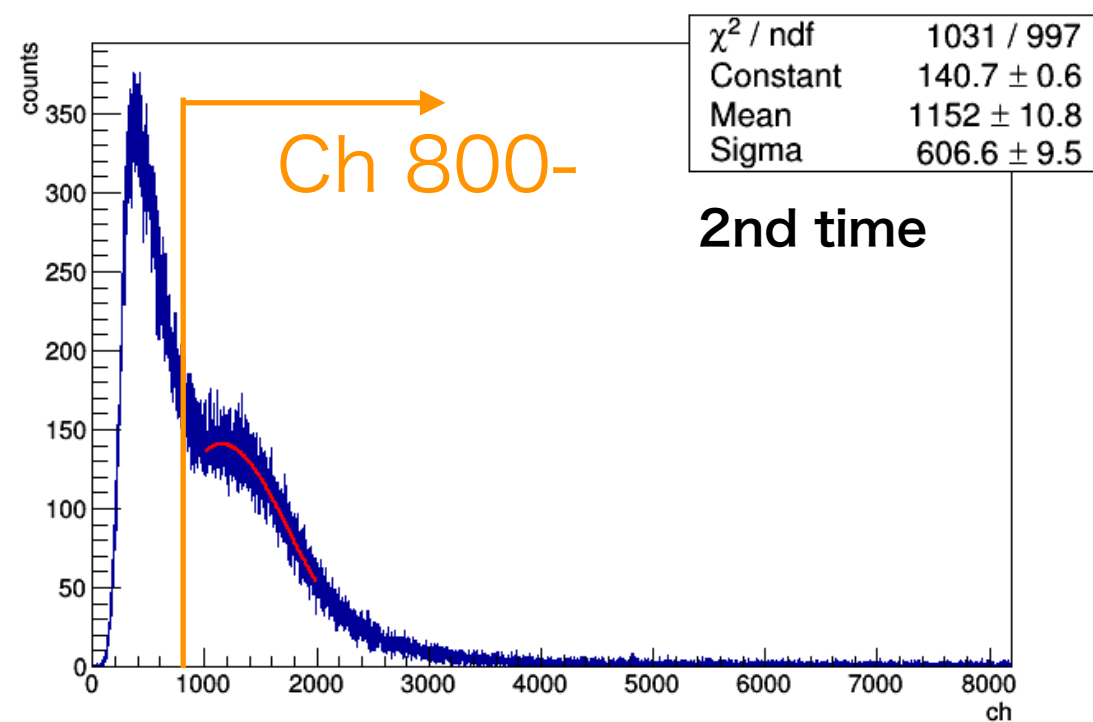


245.620 Hz

Non-HA coated PMT, 20 °C, HV +1250 V

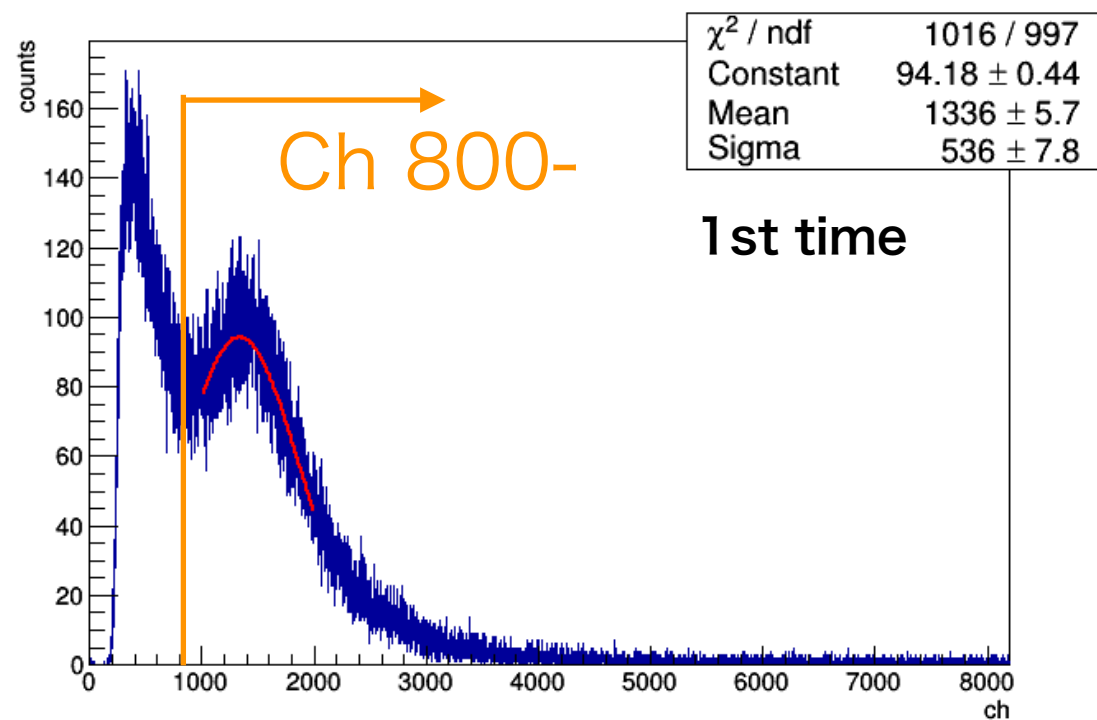


296.258 Hz

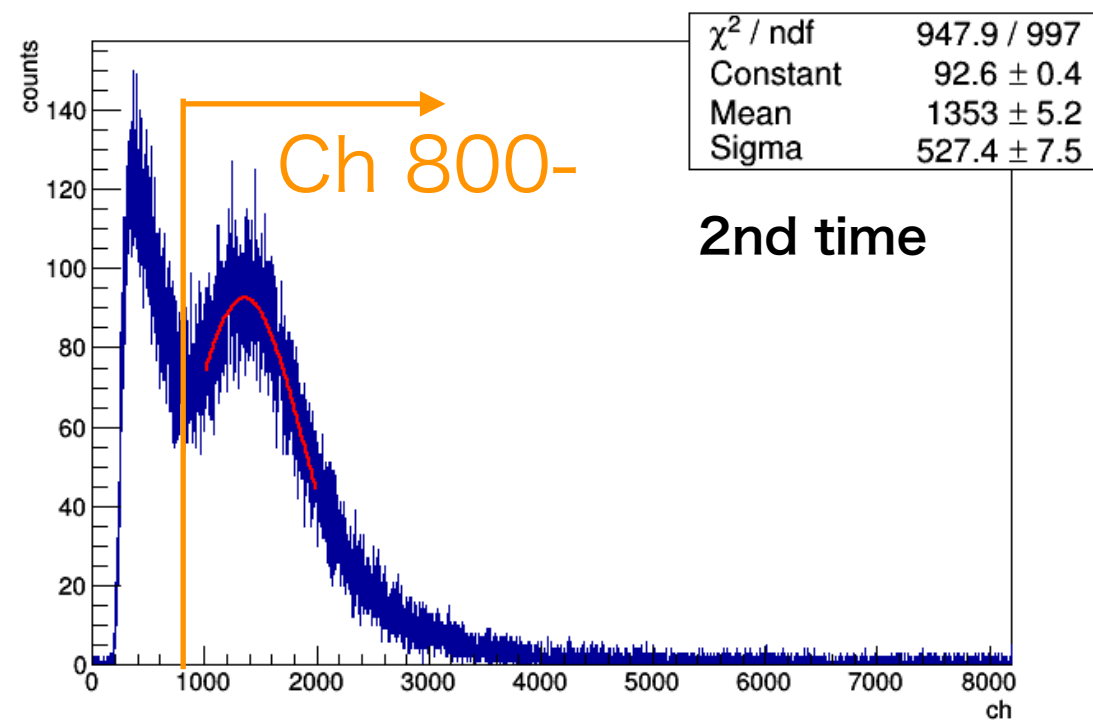


294.707 Hz

Non-HA coated PMT, 13 °C, HV —1250 V

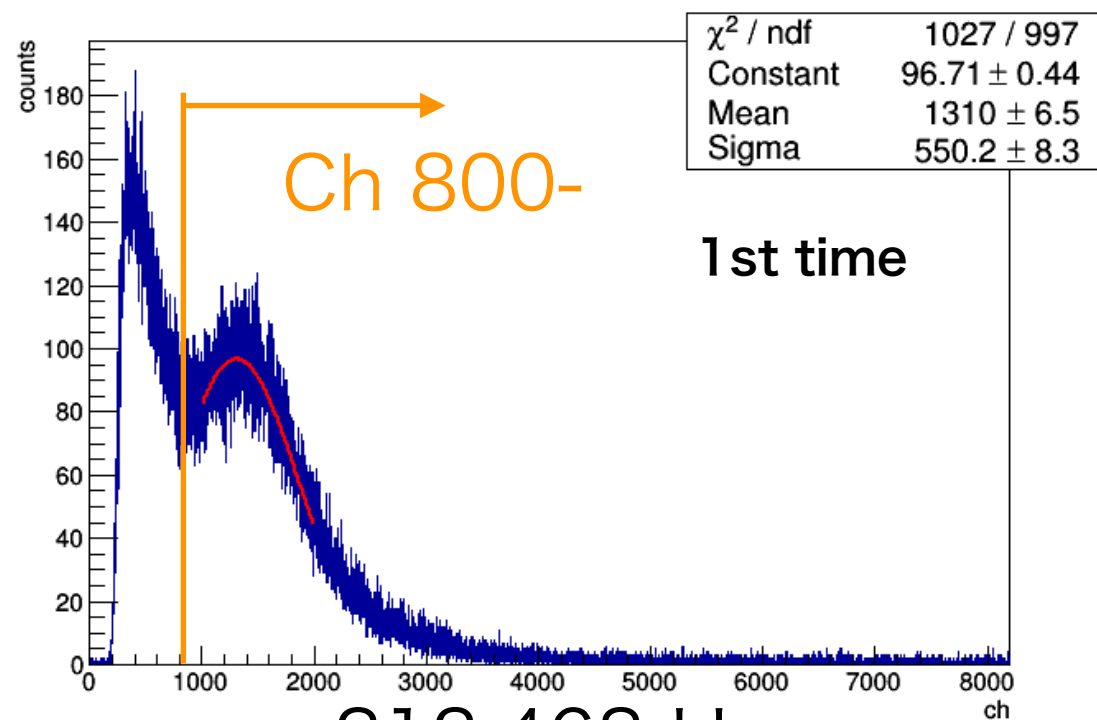


209.017 Hz

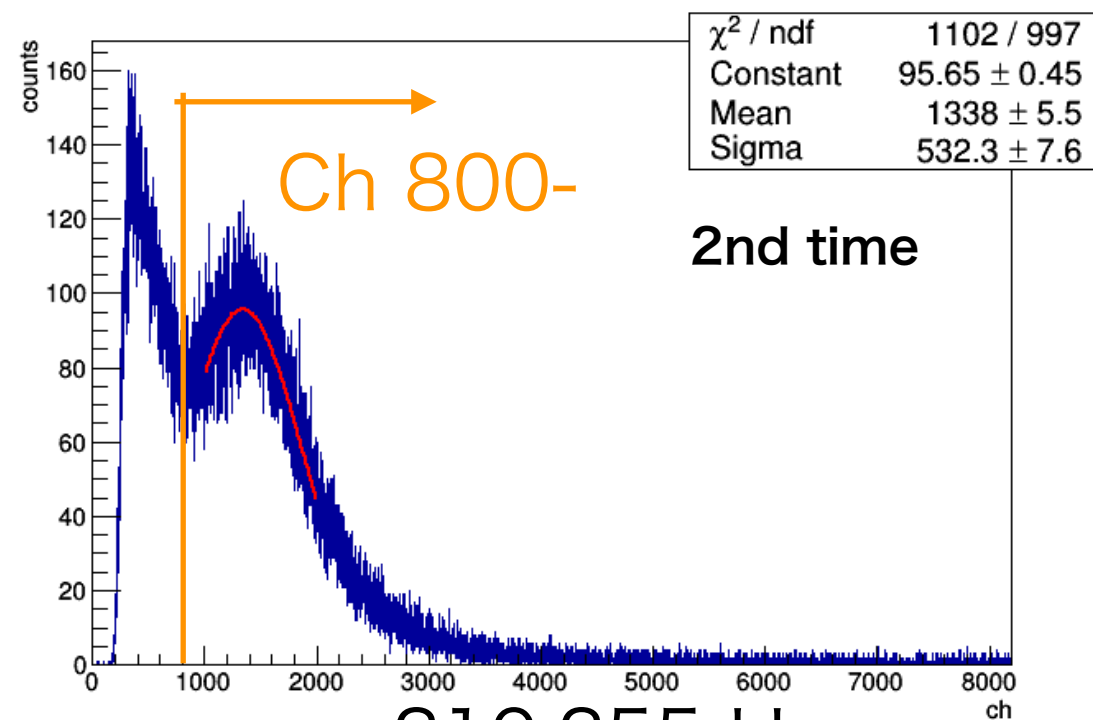


204.677 Hz

Non-HA coated PMT, 15 °C, HV —1250 V

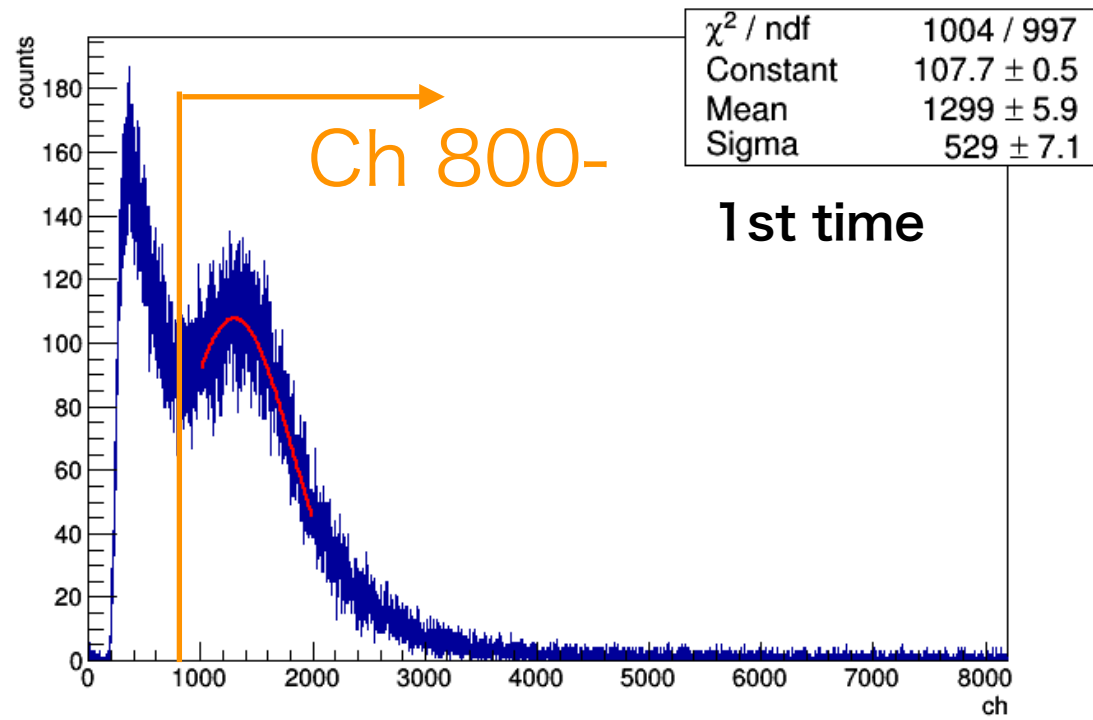


213.468 Hz

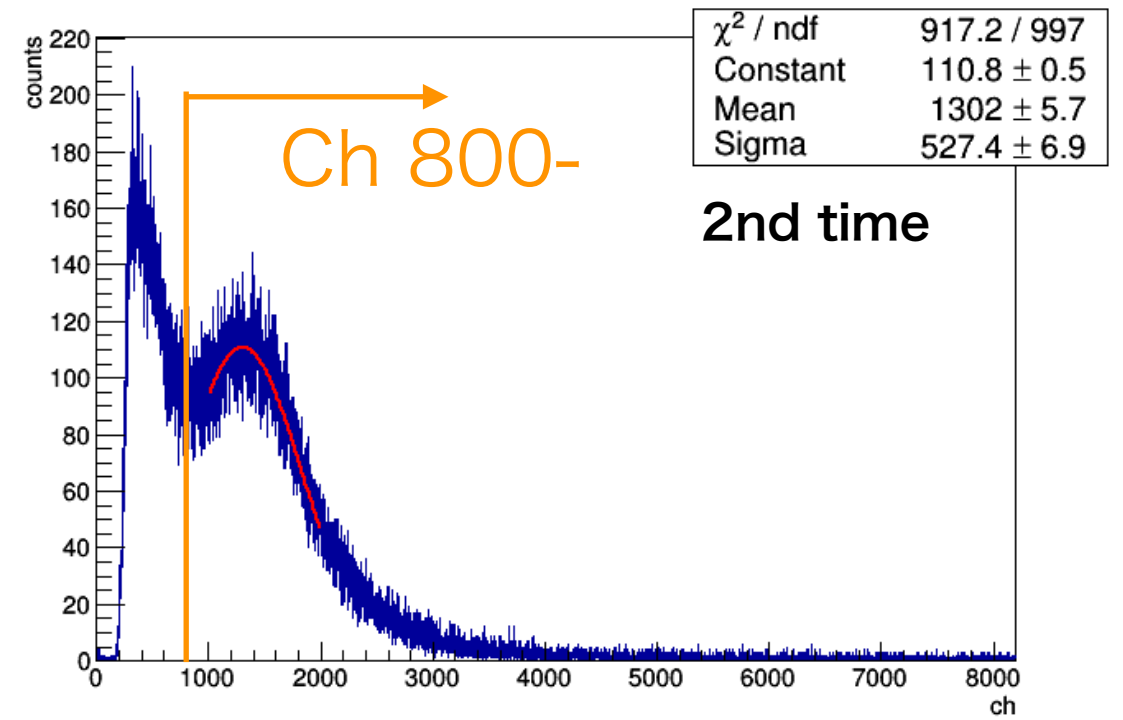


210.255 Hz

Non-HA coated PMT, 20 °C, HV —1250 V



229.460 Hz



234.738 Hz