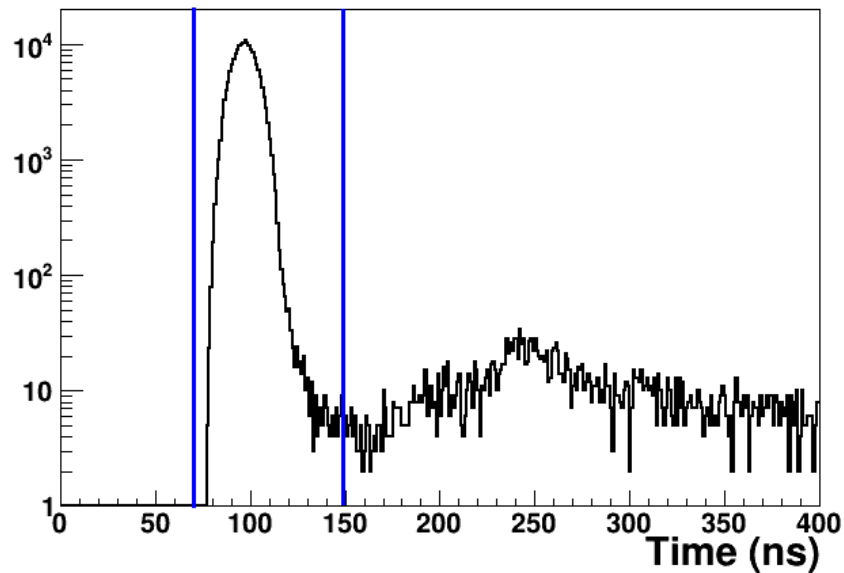
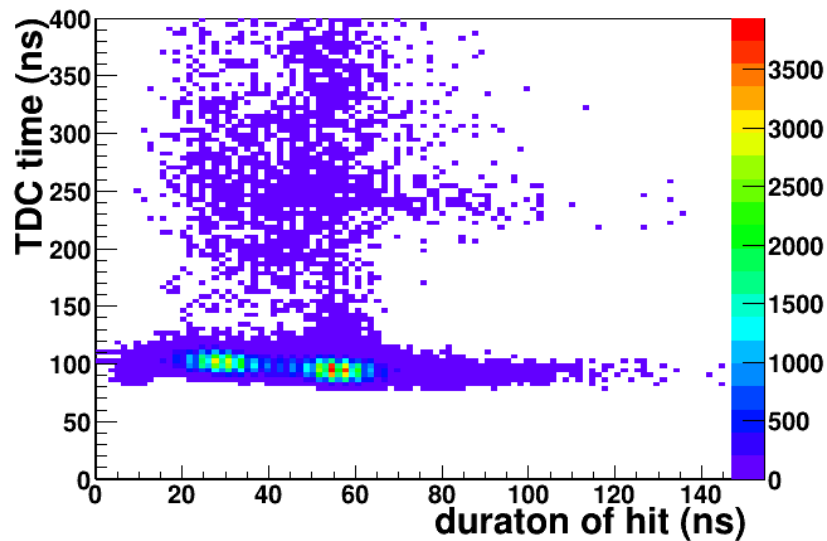
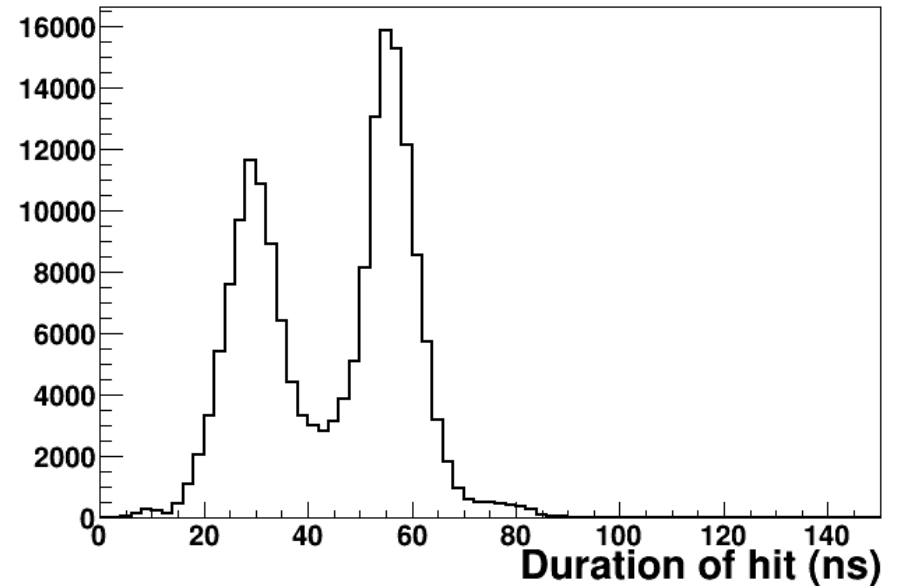


# Leading and trailing edge

Leading edge (arrival time)



Duration of hit



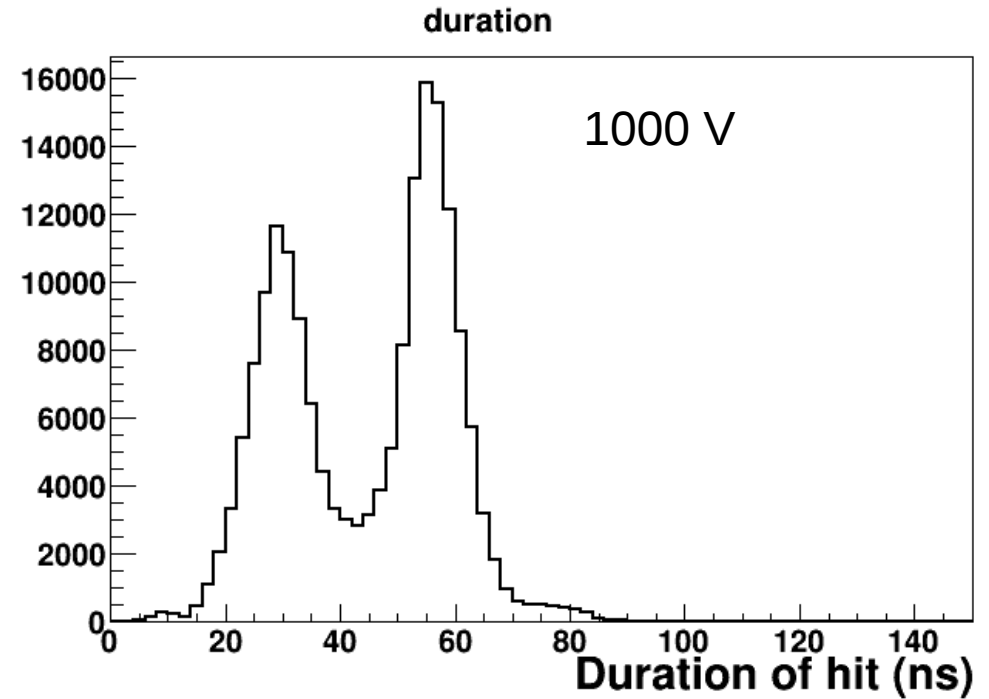
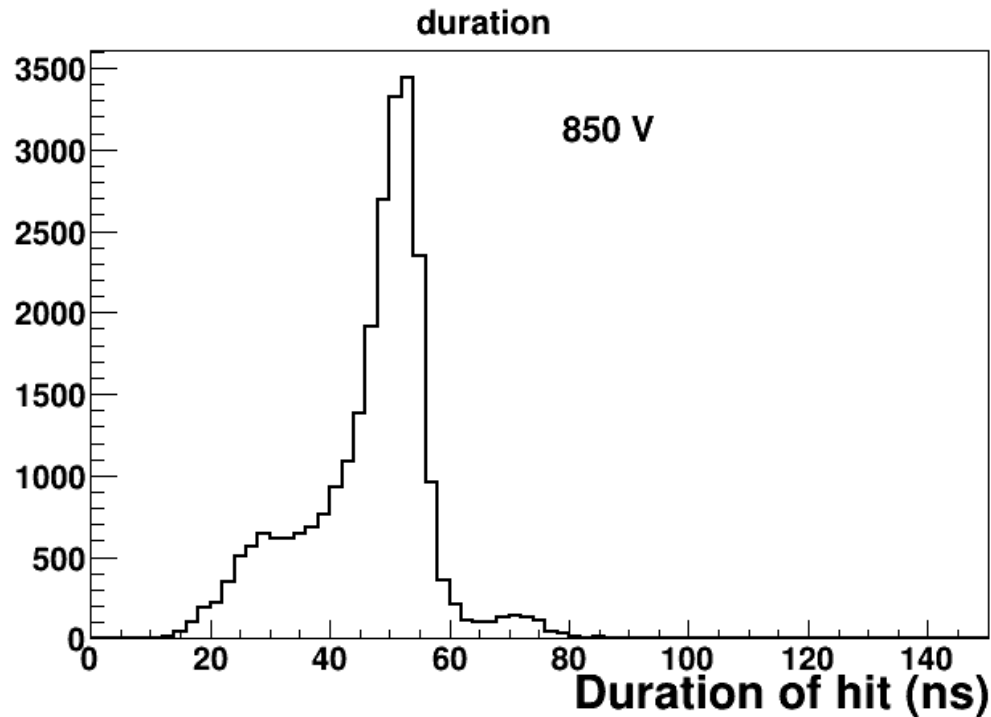
Leading edge ( $t_1$ )

Trailing edge ( $t_2$ )



$$\text{Duration of hit (ToT)} = t_2 - t_1$$

## ToT distribution (850 vs 1000 V)



- First peak near 25 ns is cross-talk
- Second peak is signal
- At 1000 V two peak are relatively well separated