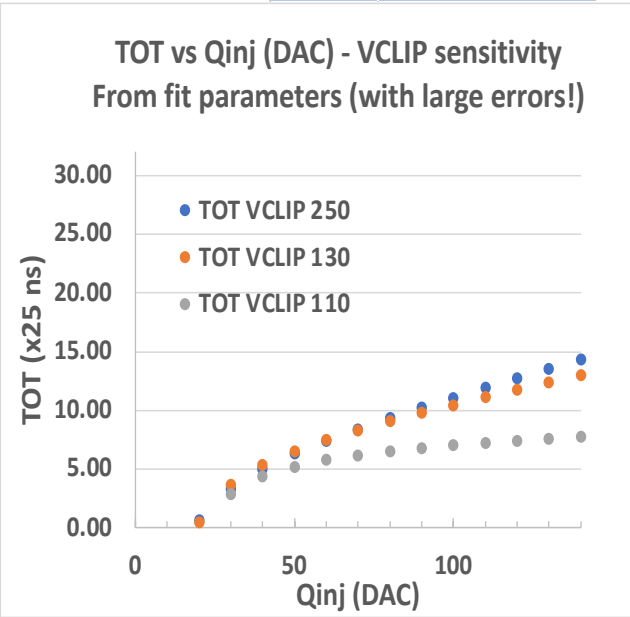
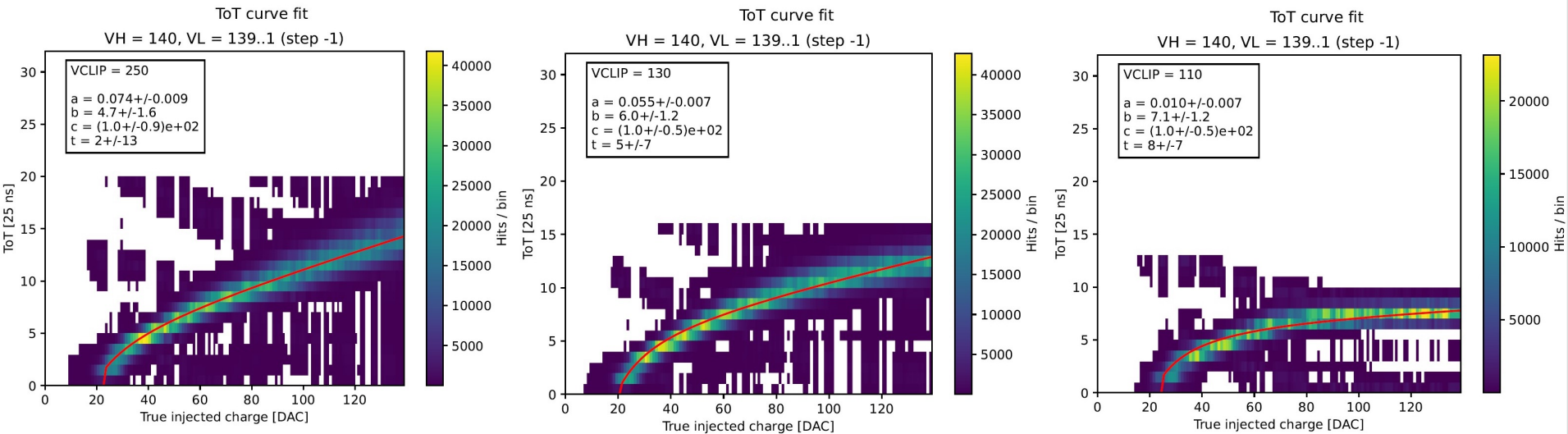


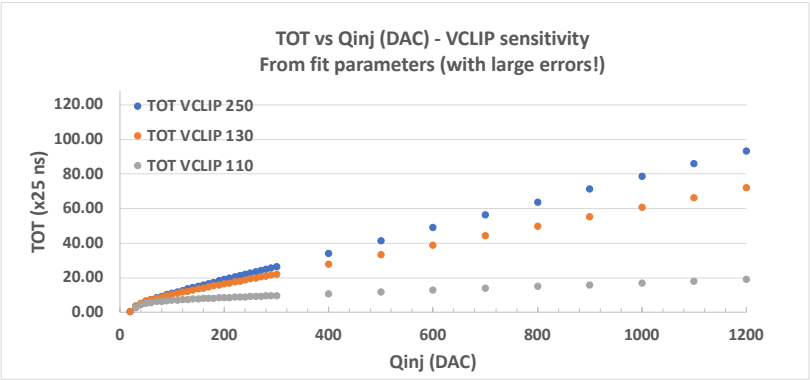
# Preliminary fit to data with VCLIP=250, 130, 110 (-6V)

- Same fitting function used as for TB settings (larger THR)
  - $y = x a + b - \frac{c}{x-t}$
- Probably not the best function for the non linear shape with large VCLIP

Register	Normal FE Settings in Pisa -> THR ~ 200 e- @ -6V --> THR ~ 250 @ -3V
ITHR	64
IBIAS	50
VRESET	110
ICASN	200
VCASP	93
IDB	100
ITUNE	150
TDAC	tuned
VCLIP	255



- For large signal the fitted function doesn't show the full saturation



settings with VCLIP -6V				
VCLIP	a	b	c	t
250	0.074	4.7	100	2
130	0.055	6	100	5
110	0.01	7.1	100	8
Qinj e-/DAC		10.1		

Thanks to Mara for providing quickly the fit!