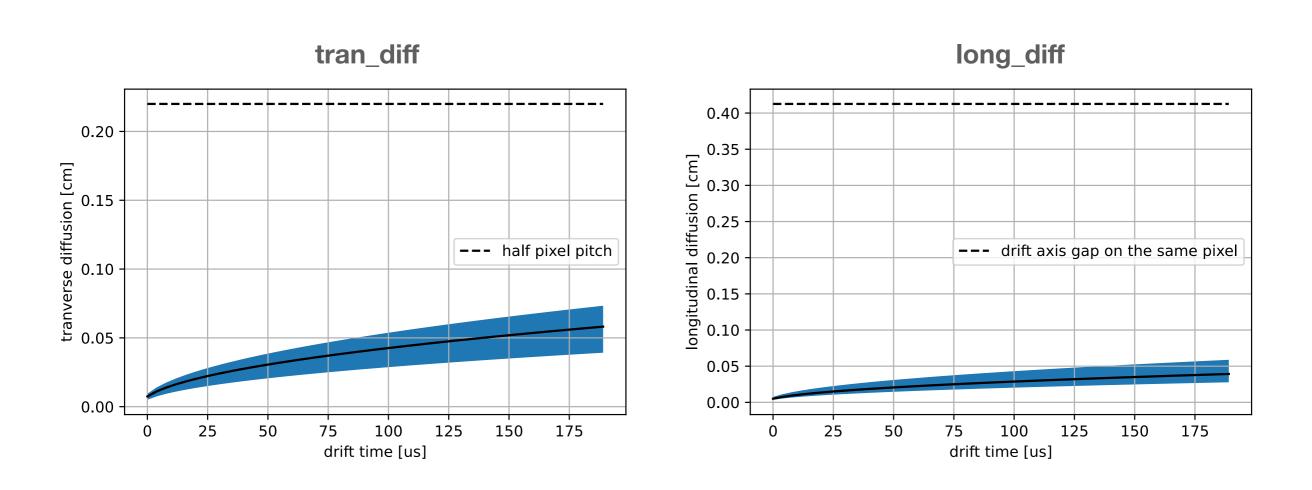
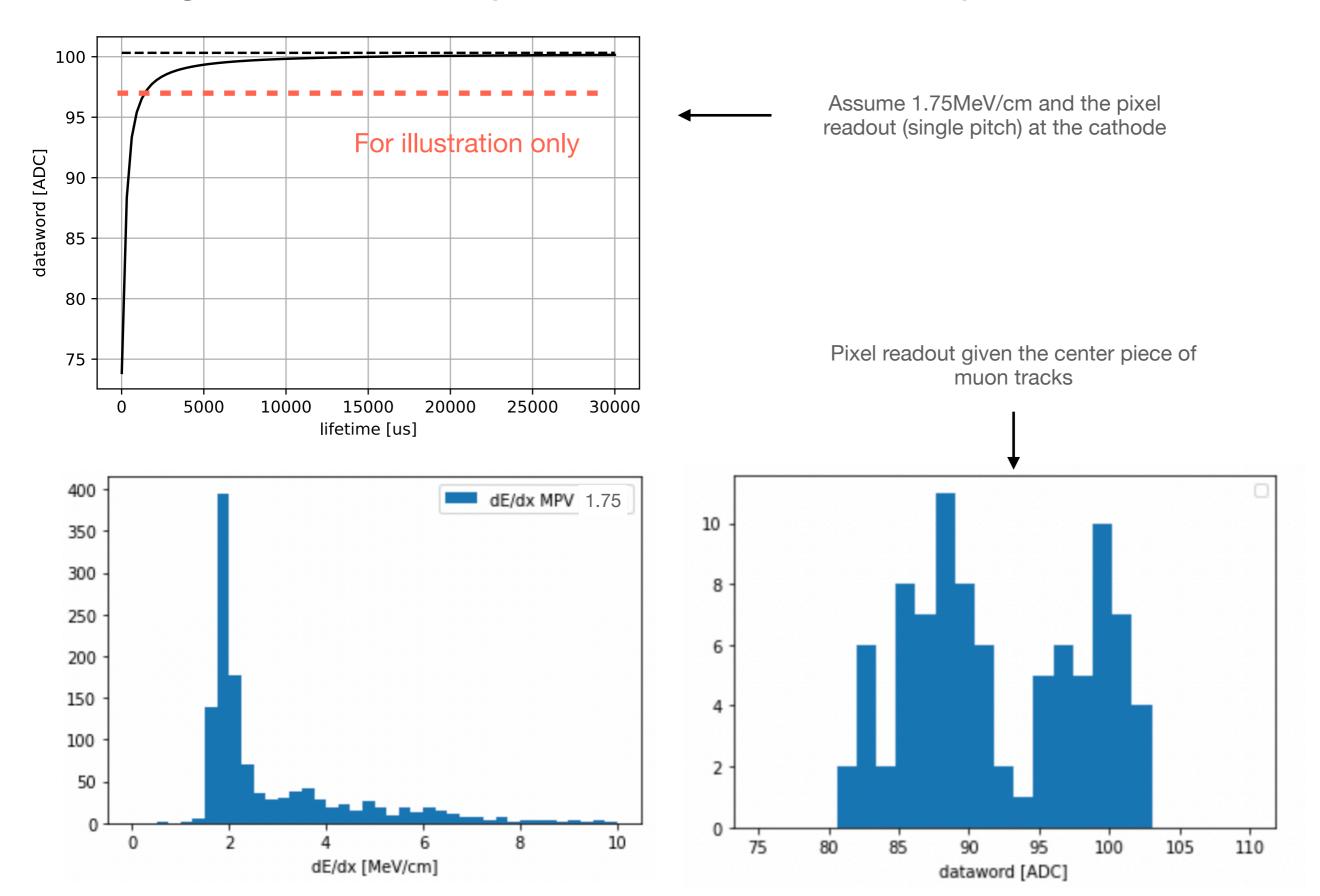
Figuring out the sensitivity and ranges of fitting detector parameters in diff-larnd-sim

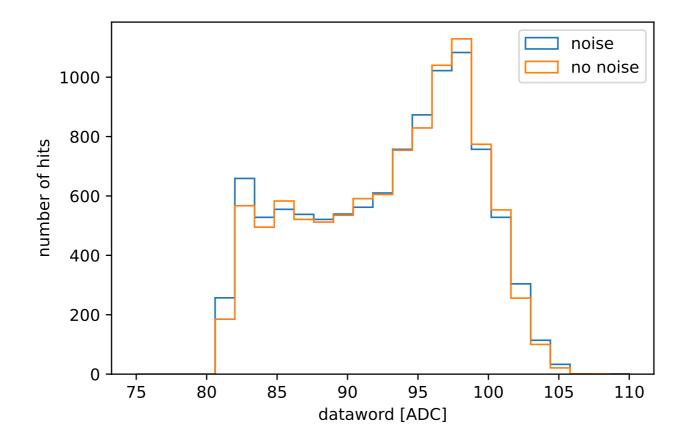
For **eField**, **vdrift**, nothing changes. The fitting ranges will be the prior ranges.

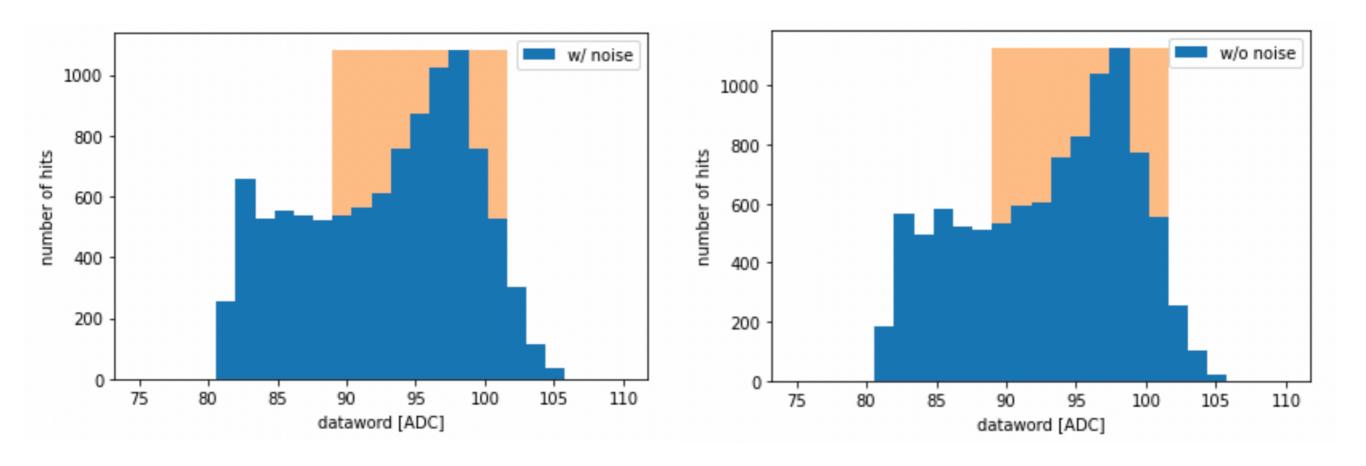
There's not much point fitting diffusion parameters



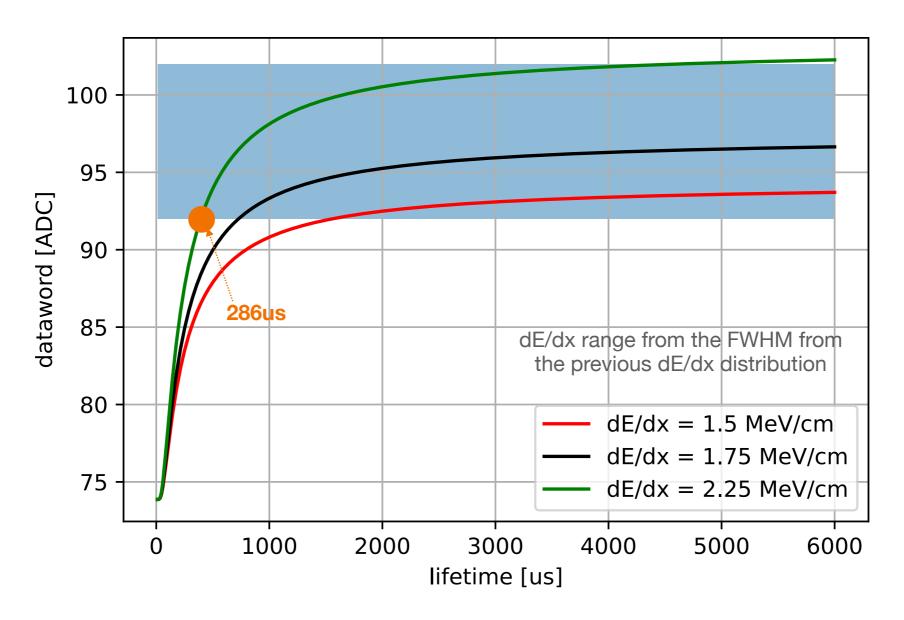
Using lifetime as an example for lifetime and Birks model parameters Ab, kb







Dataword band is from FWHM of the bottom plots



This does not consider the average / batching in the optimizing stage