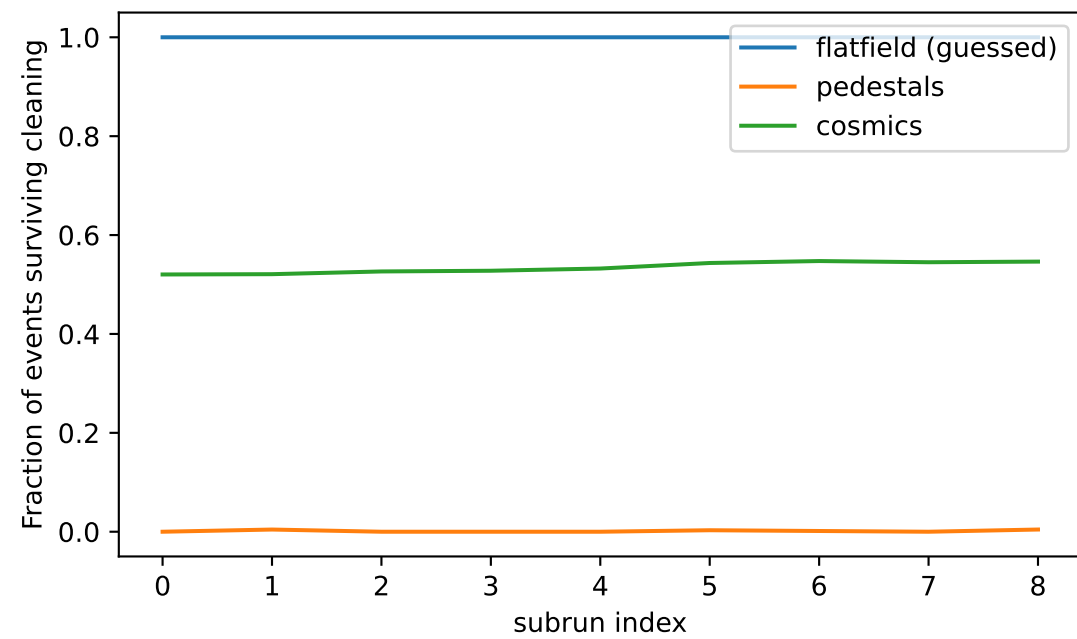
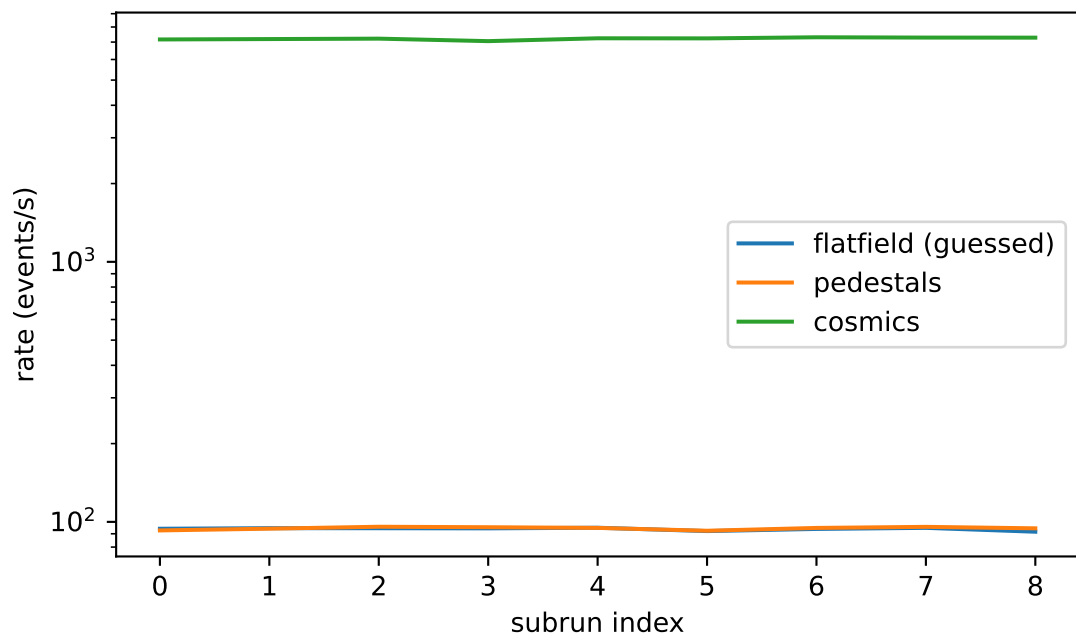
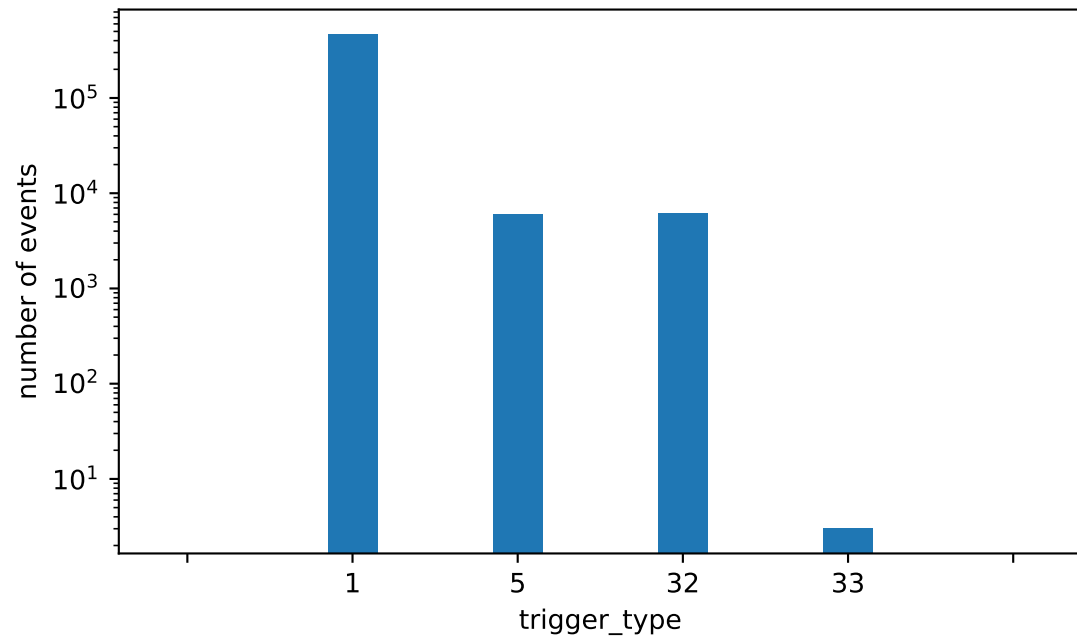
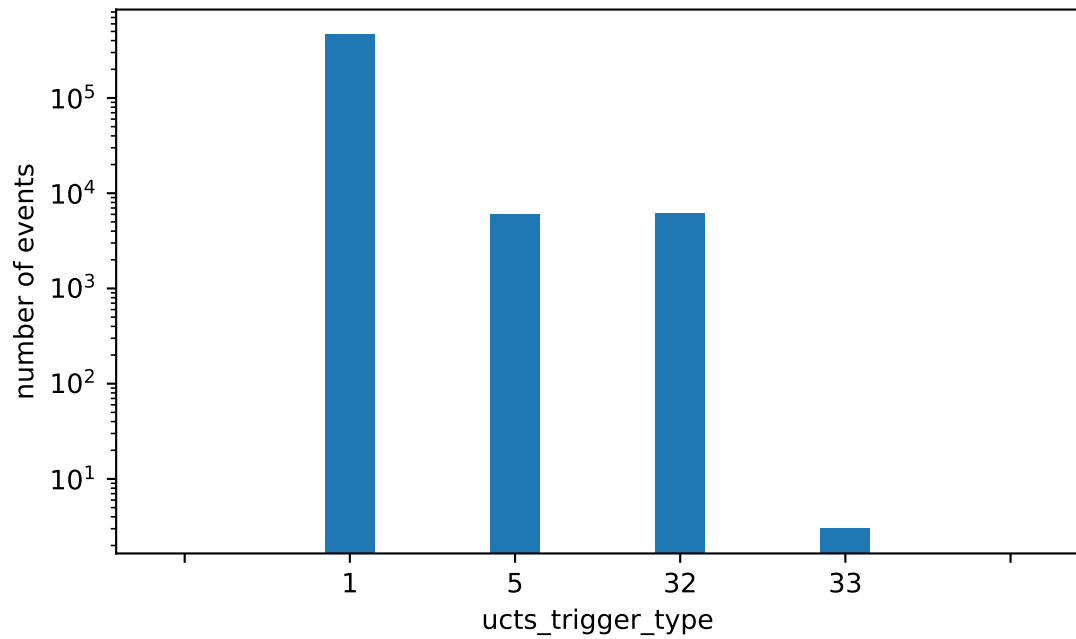
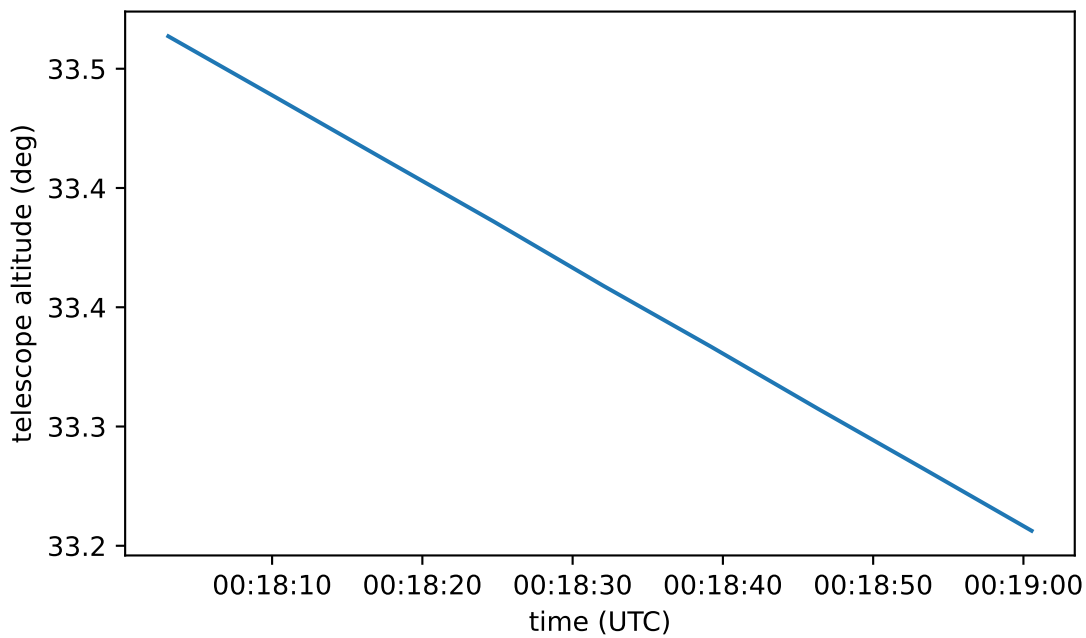
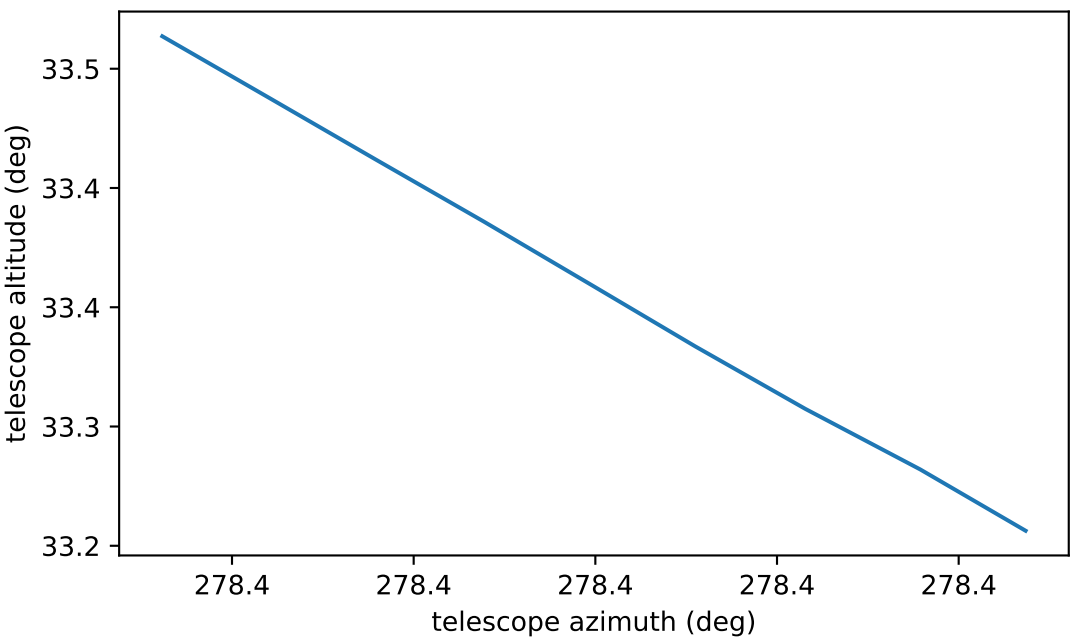
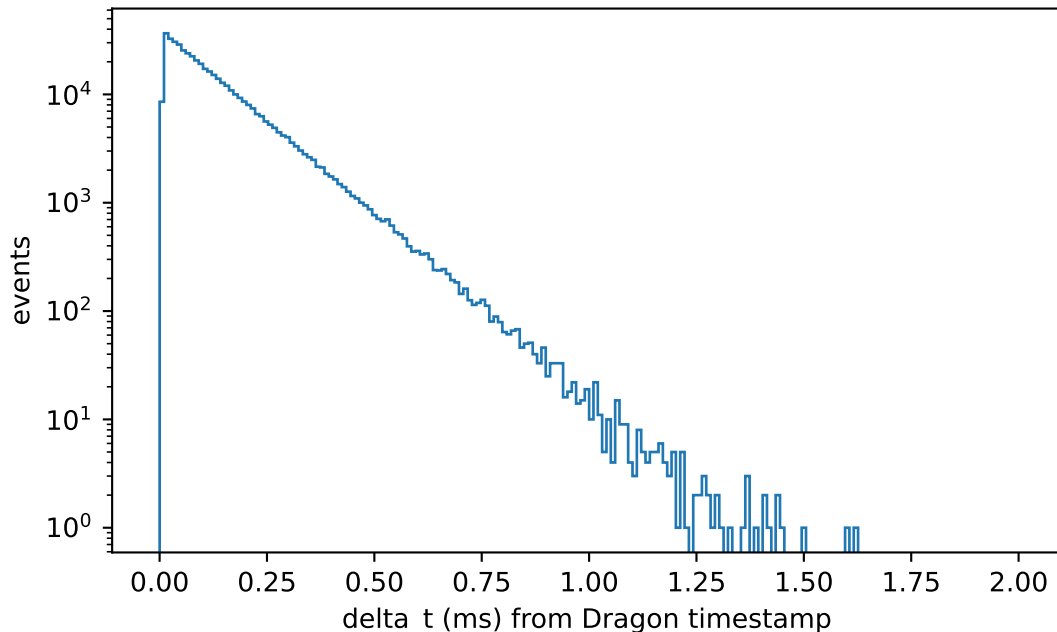
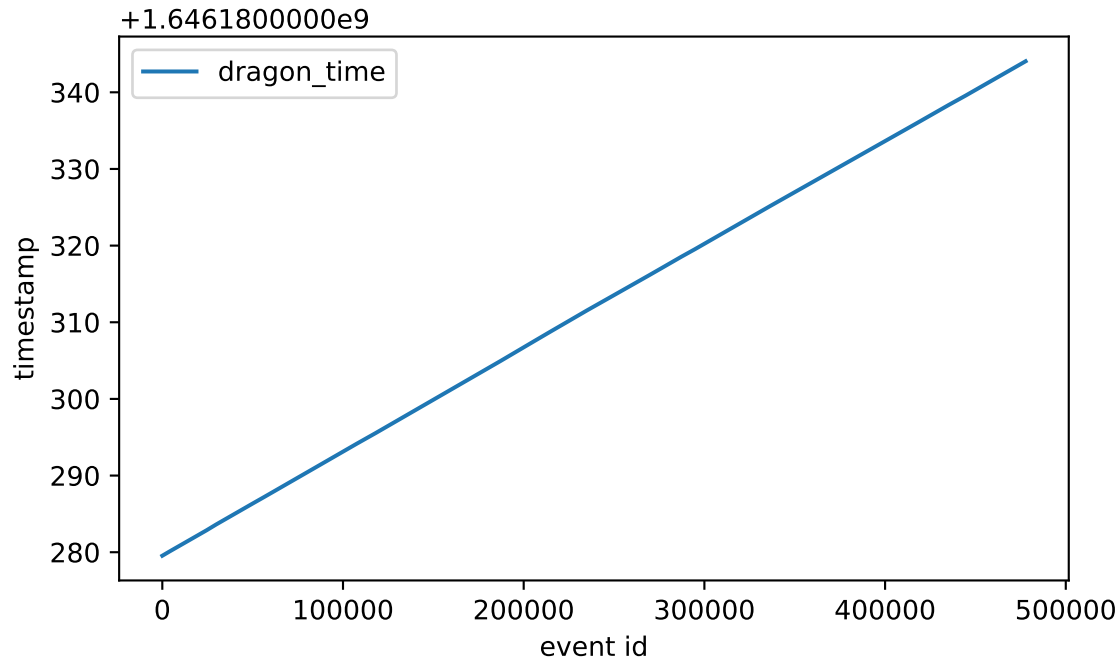


datacheck\_dl1\_LST-1.Run07172.h5

First shower event UTC:

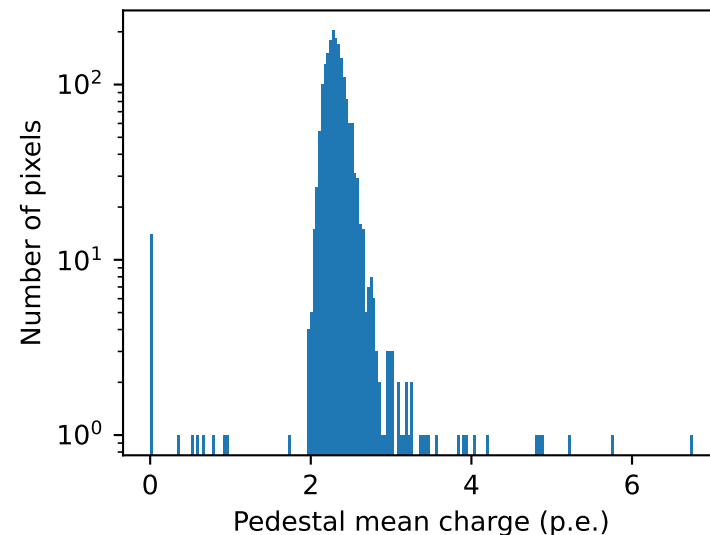
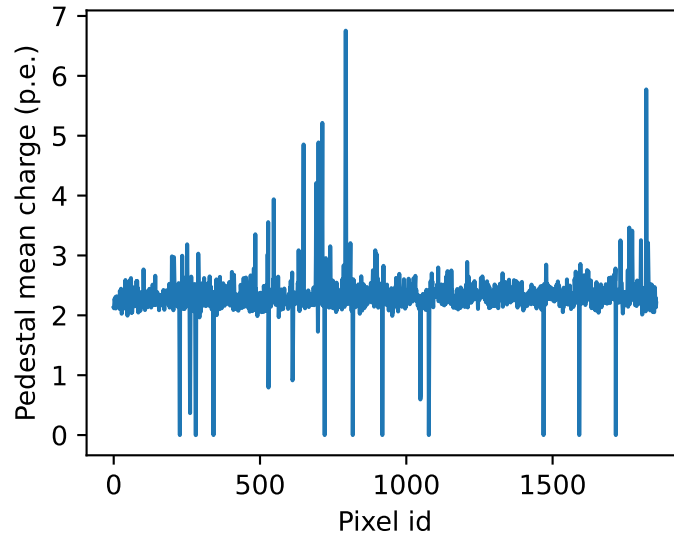
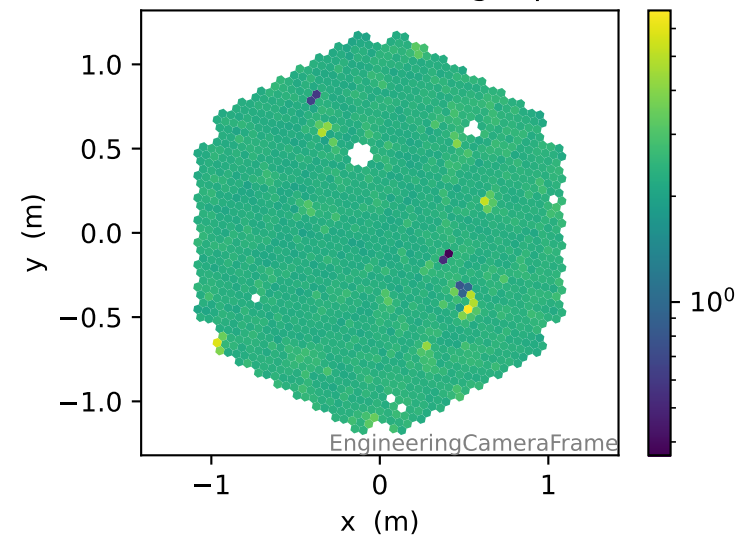
(from Dragon time): 2022-03-02 00:17:59.542698



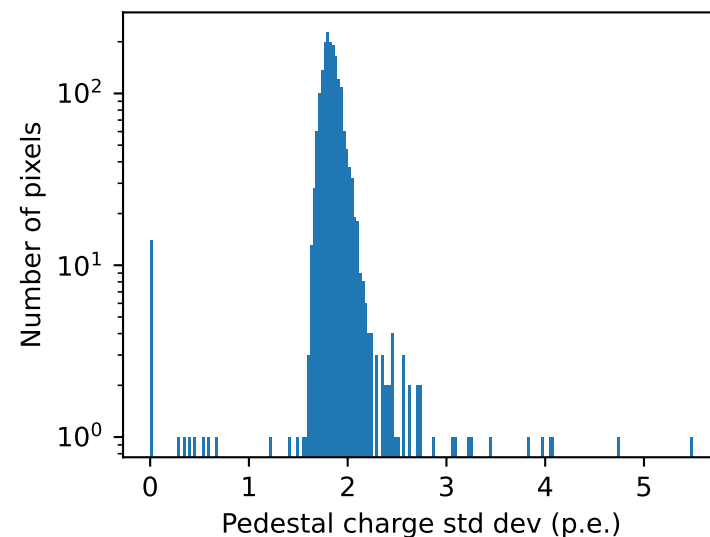
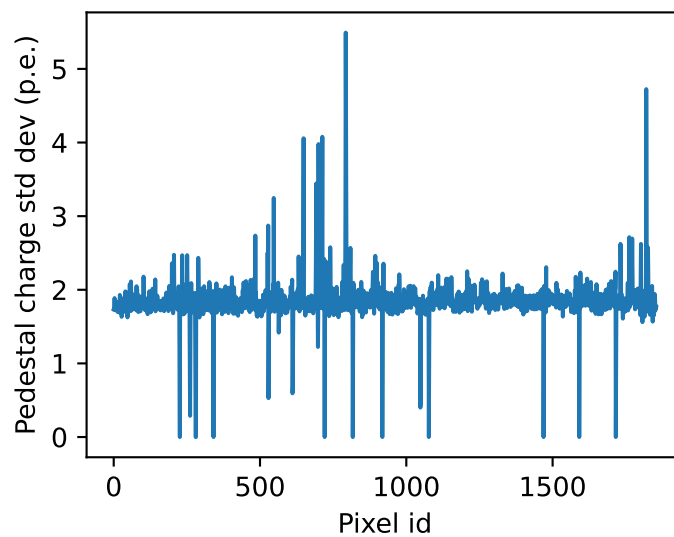
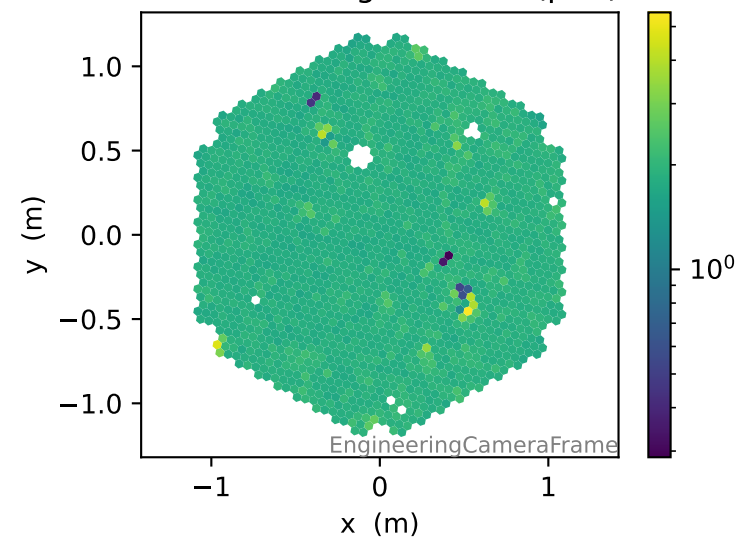


# PEDESTALS, pixel-wise charge info

Pedestal mean charge (p.e.)

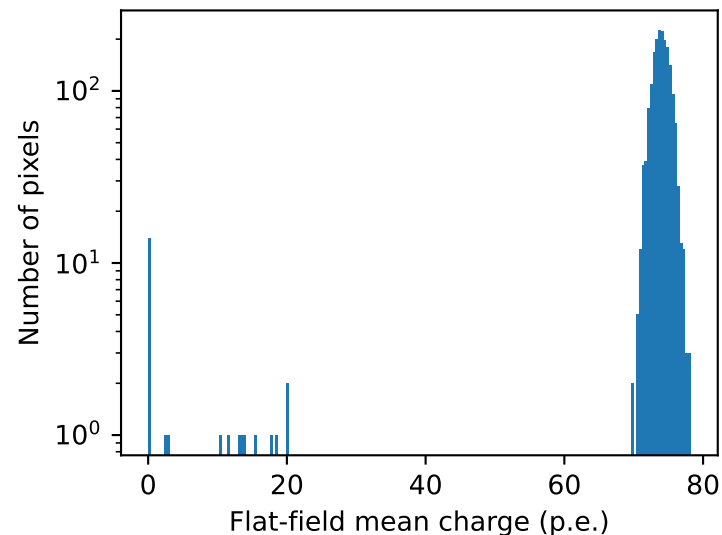
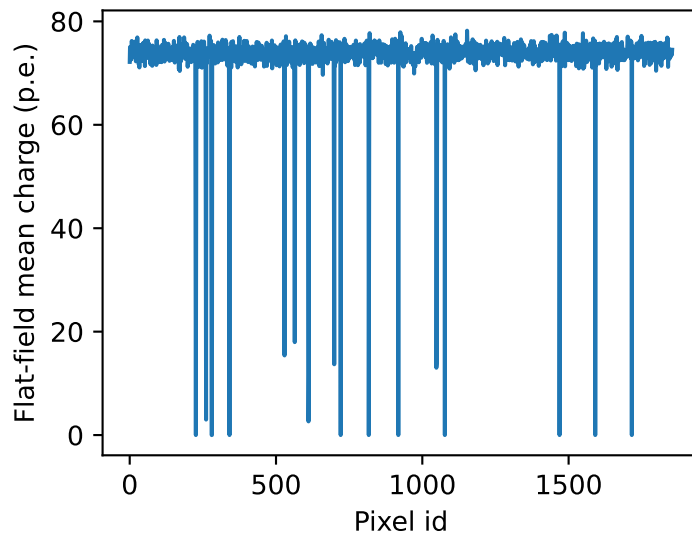
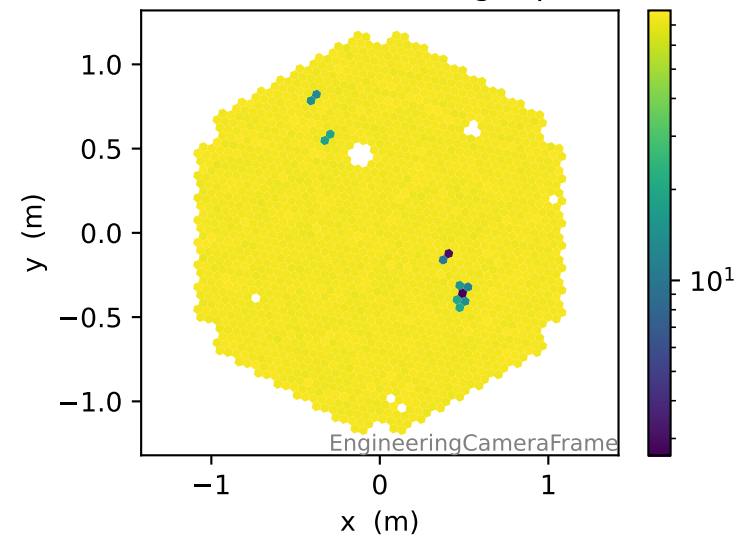


Pedestal charge std dev (p.e.)

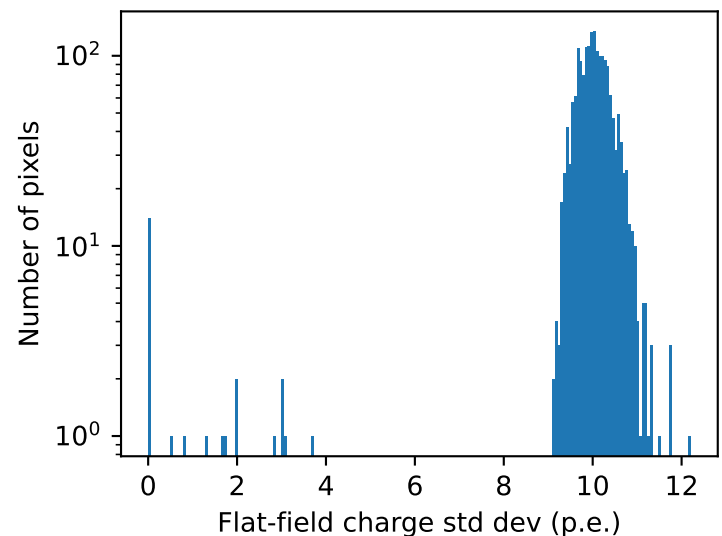
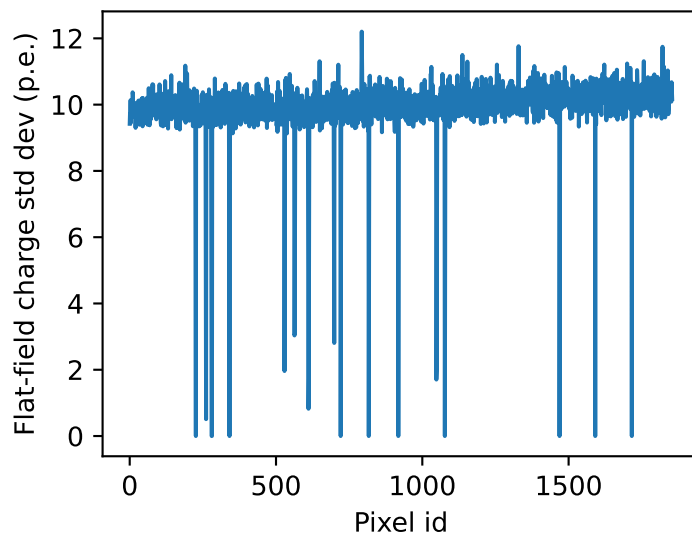
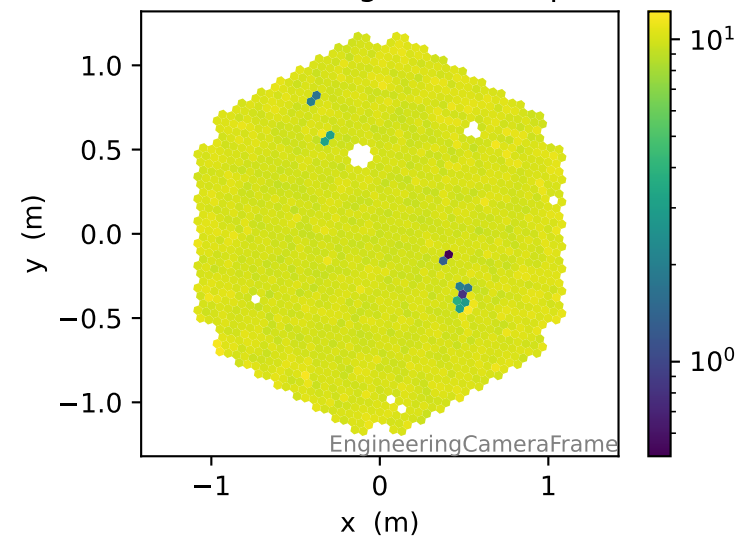


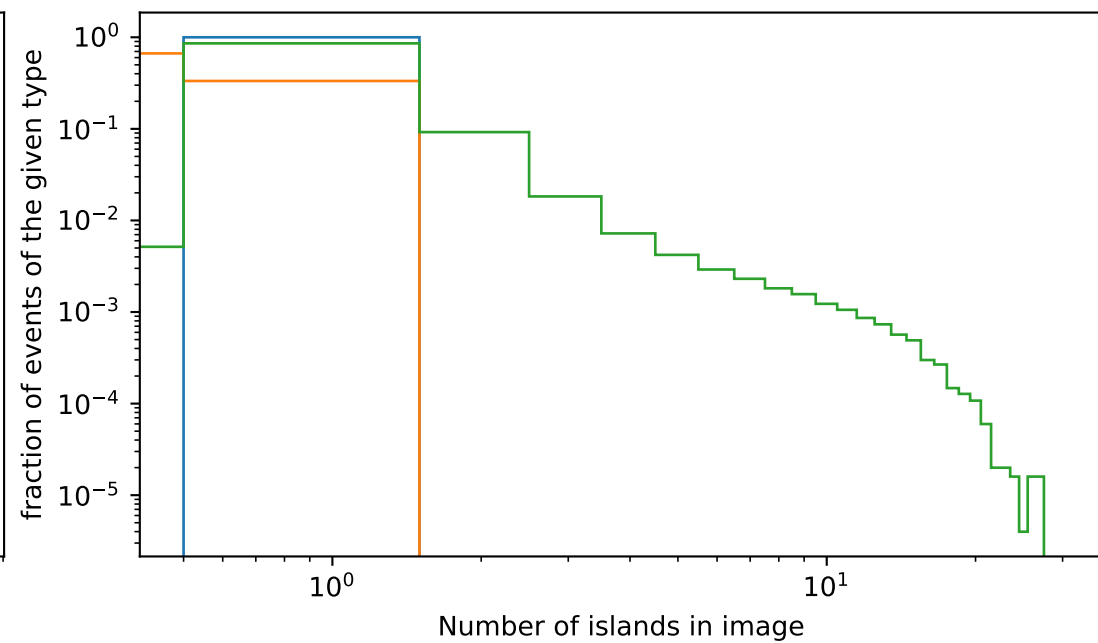
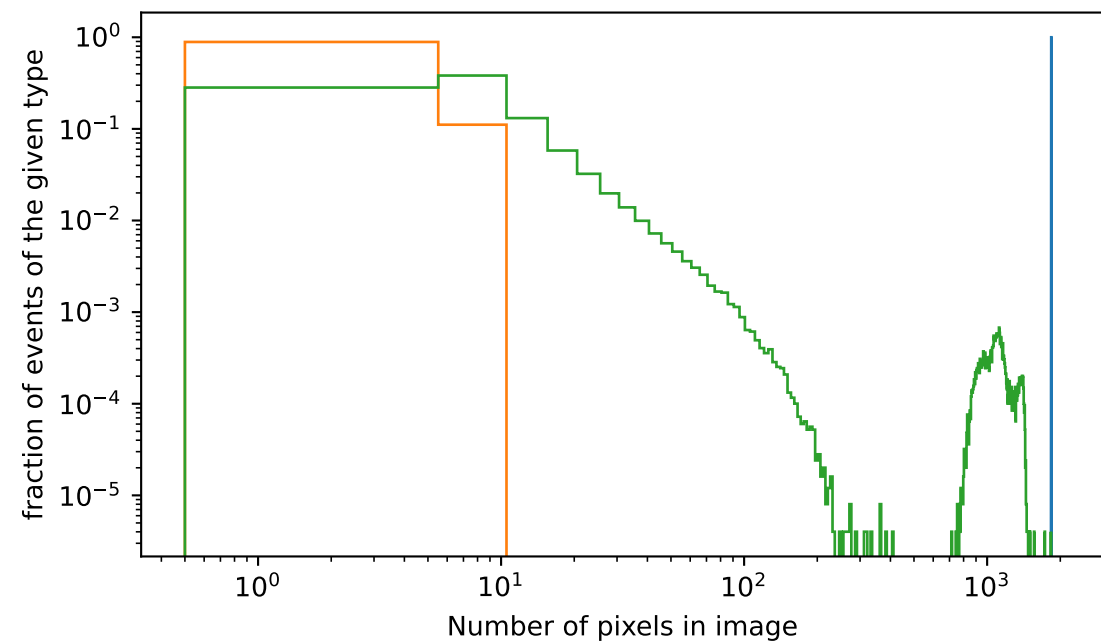
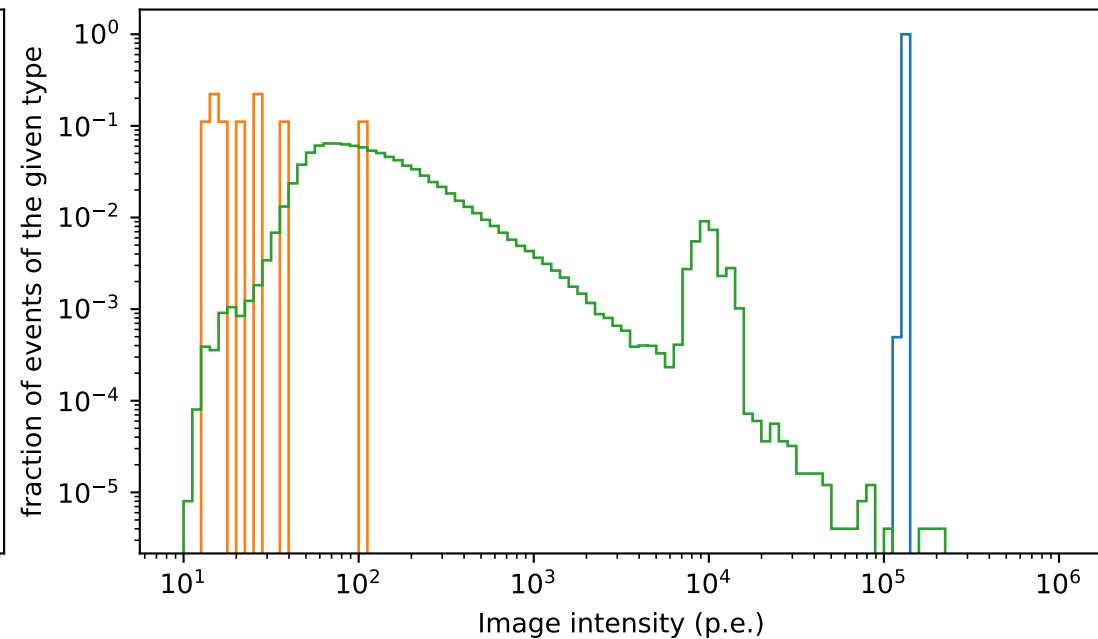
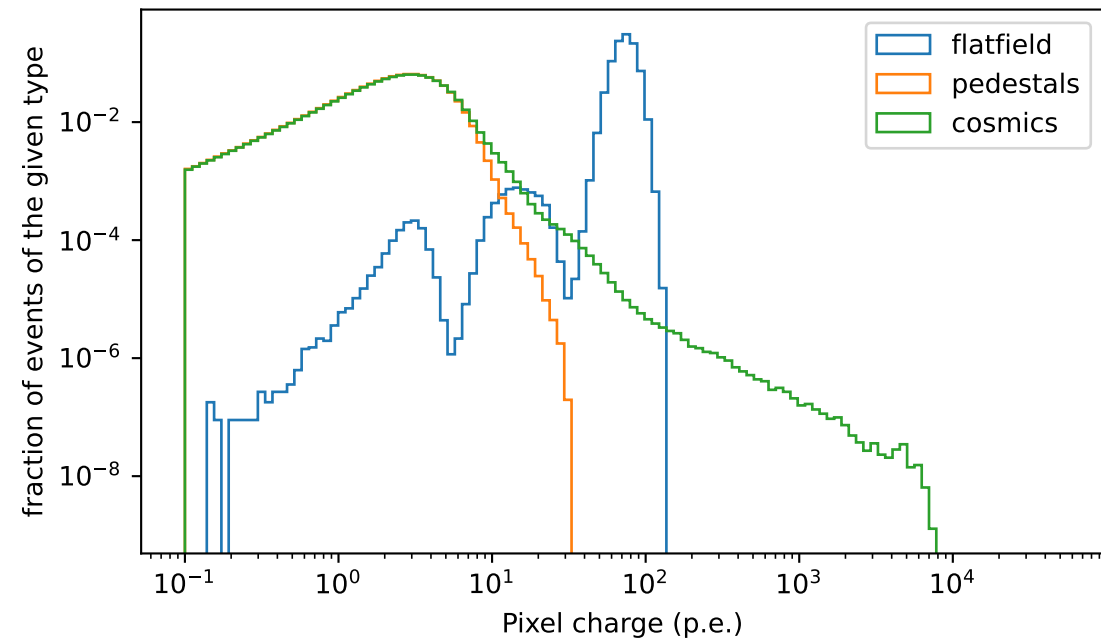
# FLATFIELD, pixel-wise charge info

Flat-field mean charge (p.e.)

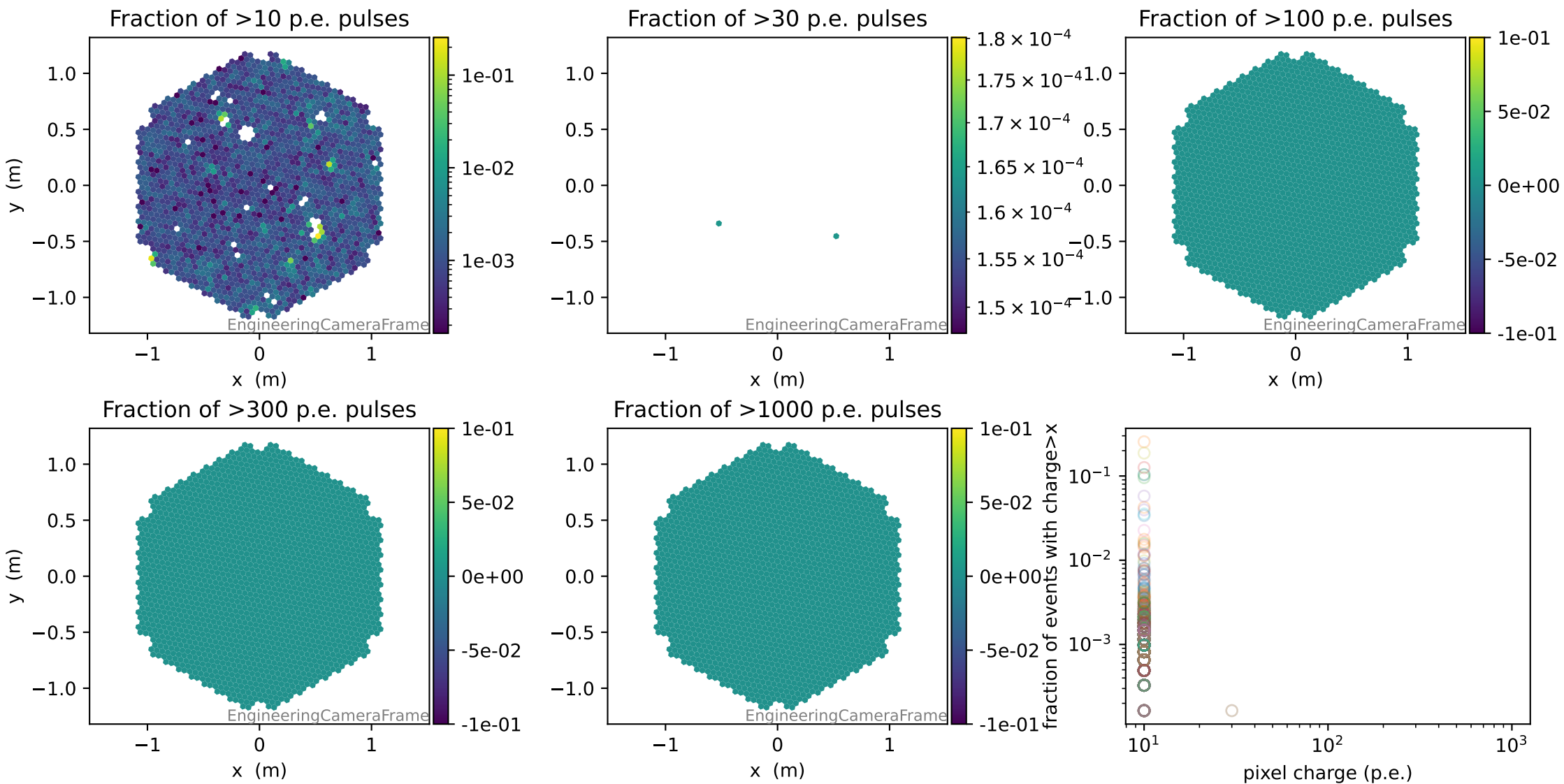


Flat-field charge std dev (p.e.)

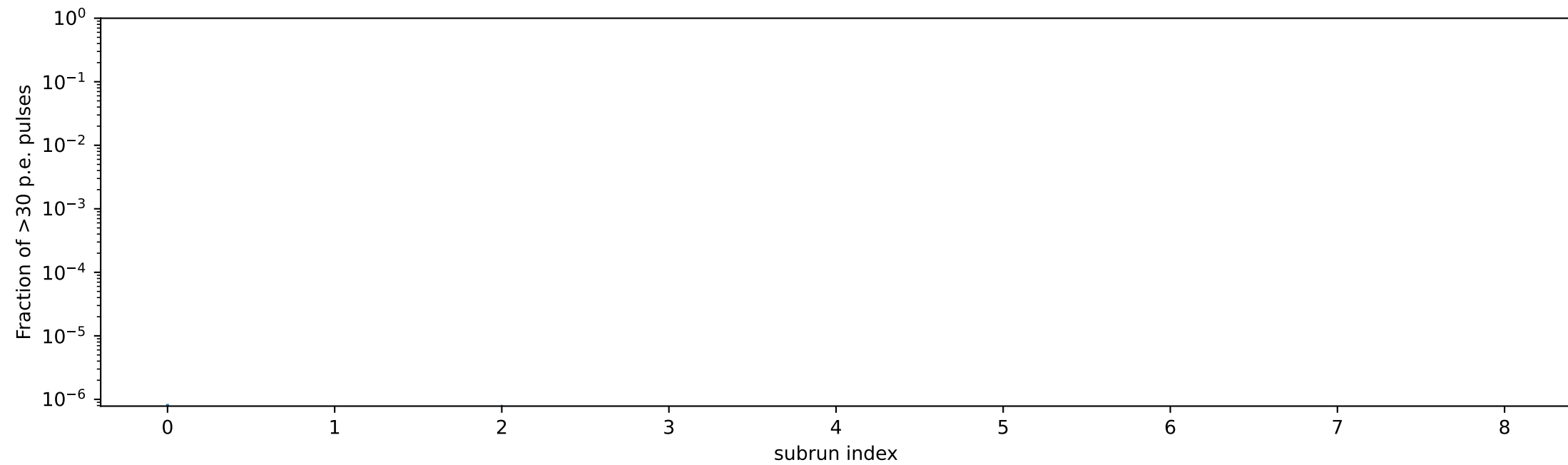
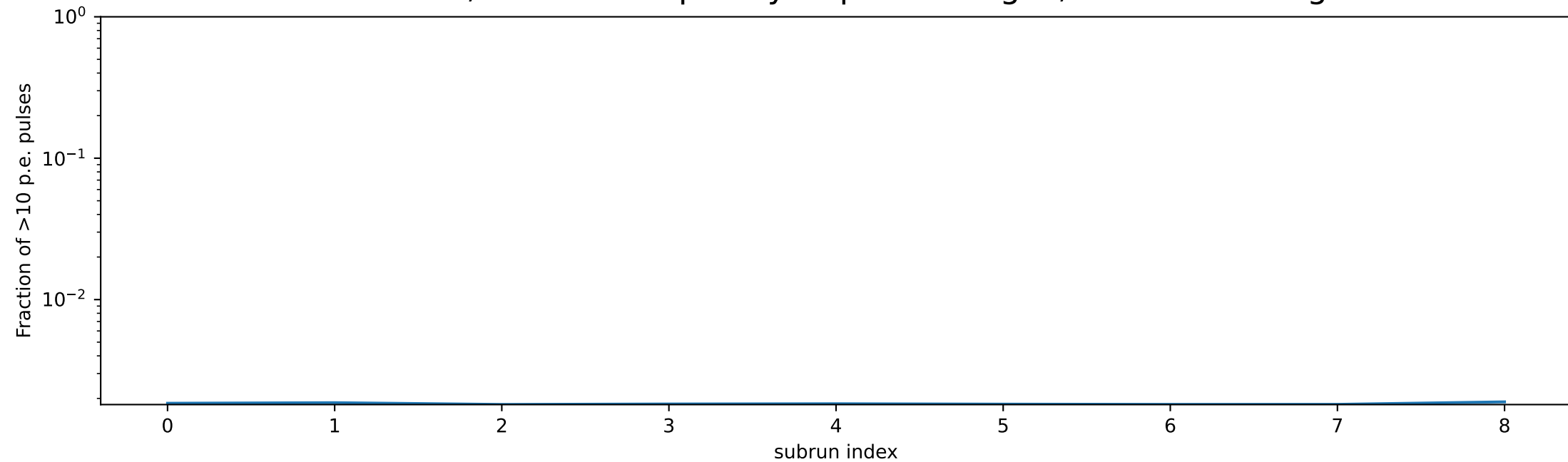




# PEDESTALS, relative frequency of pixel charges



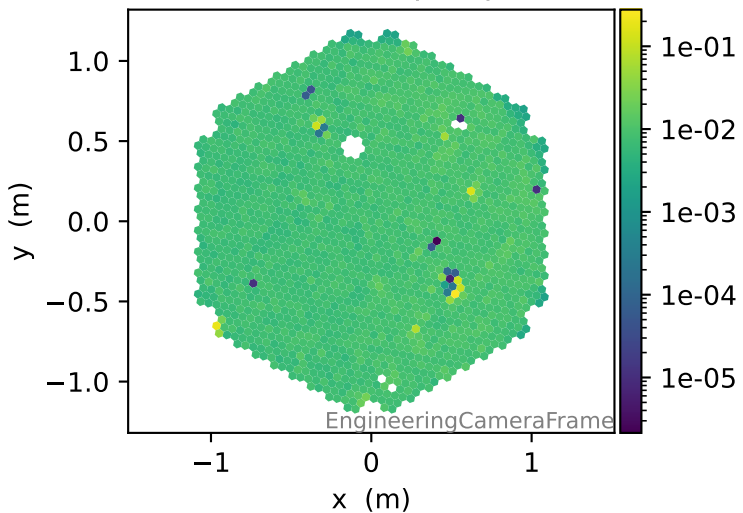
# PEDESTALS, relative frequency of pixel charges, camera averages



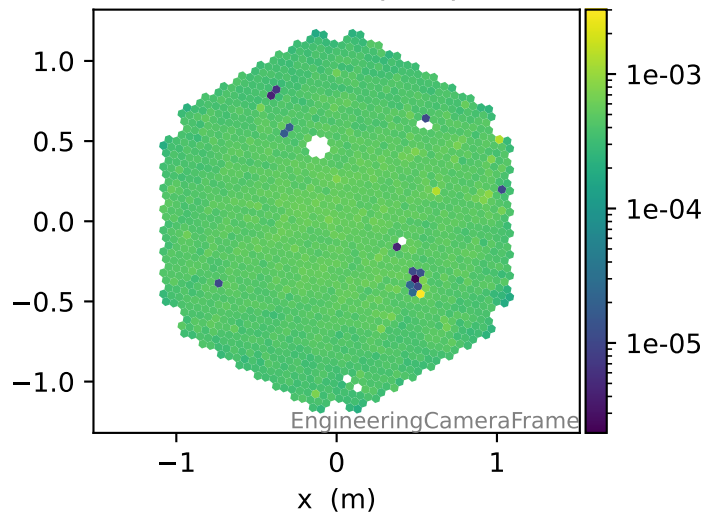


# COSMICS, relative frequency of pixel charges

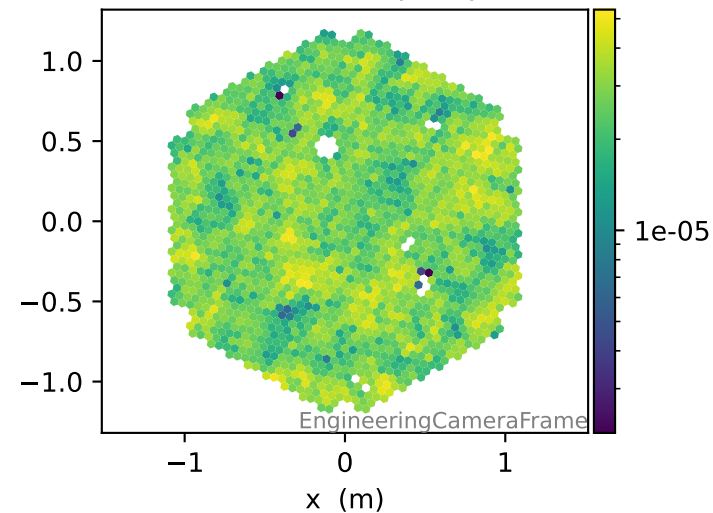
Fraction of  $>10$  p.e. pulses



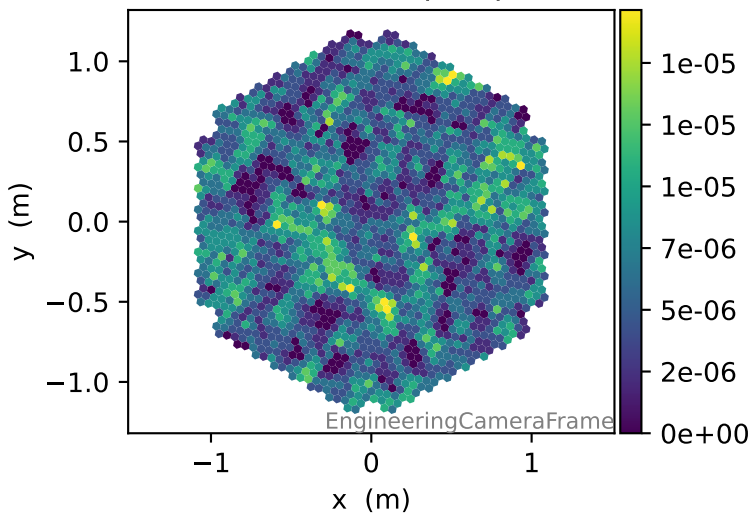
Fraction of  $>30$  p.e. pulses



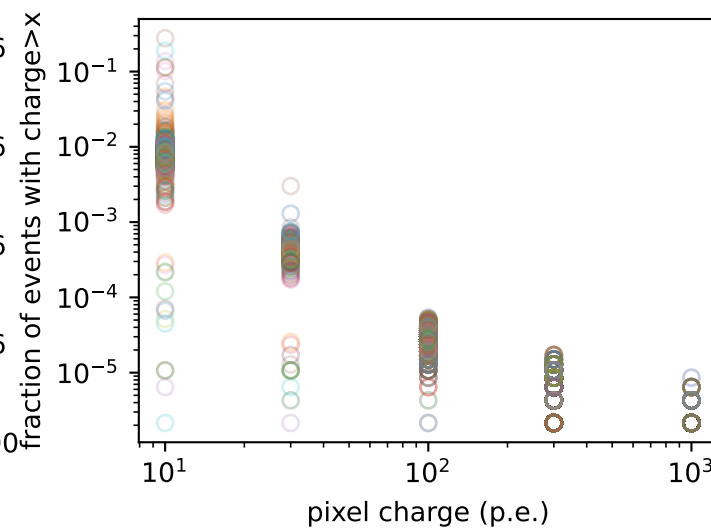
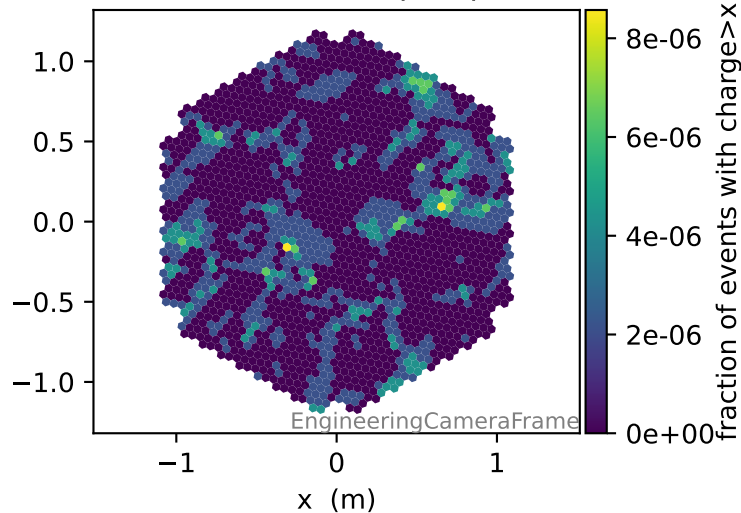
Fraction of  $>100$  p.e. pulses



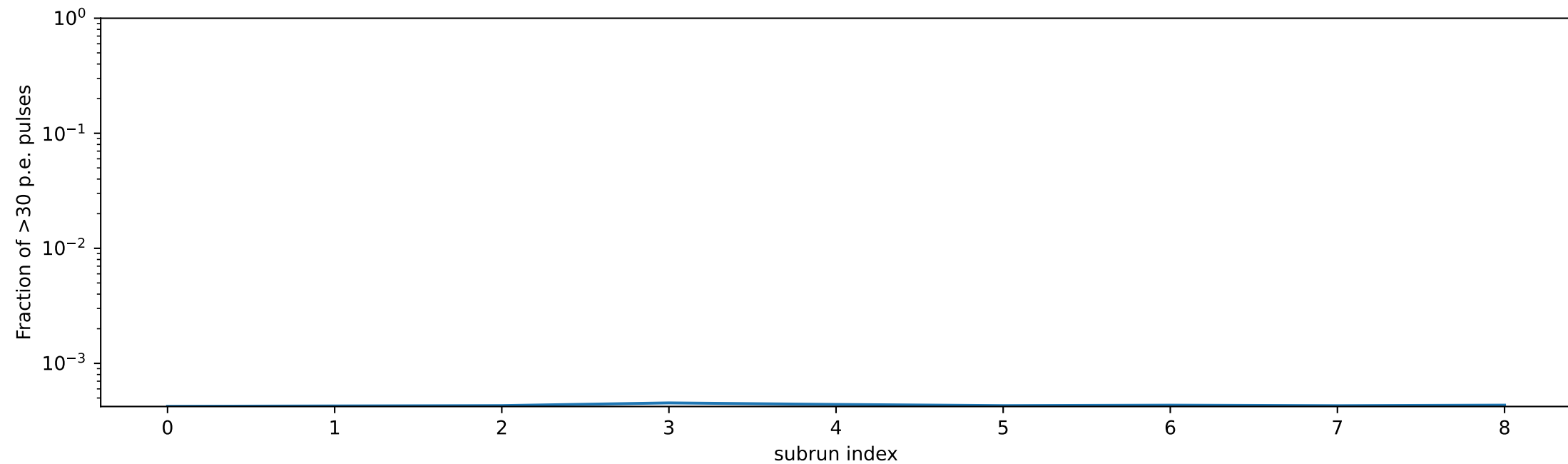
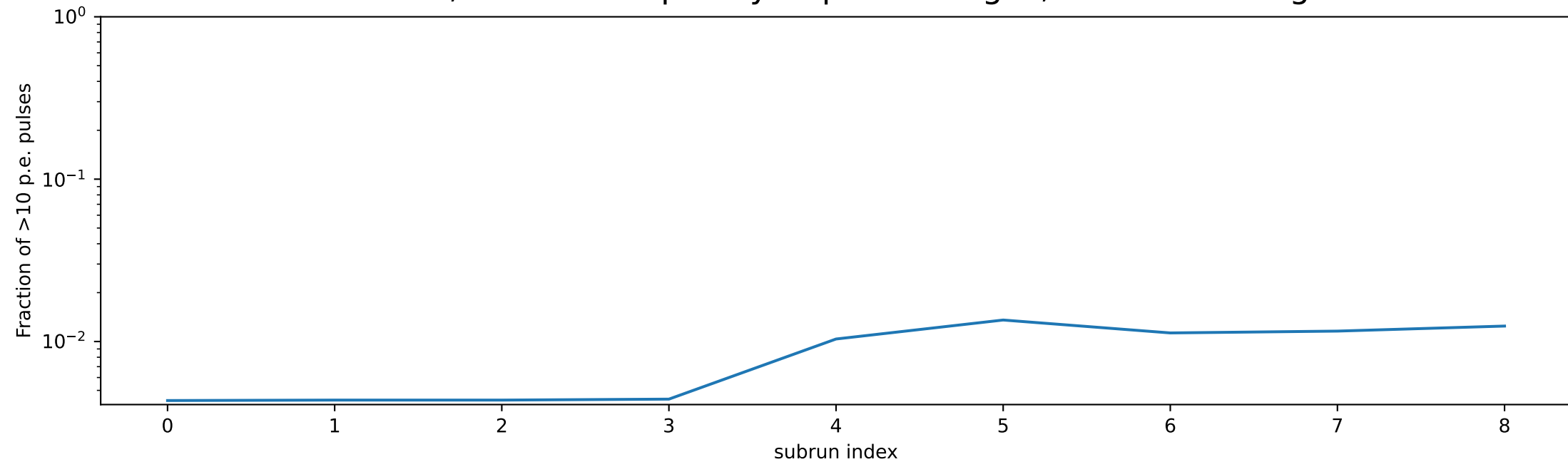
Fraction of  $>300$  p.e. pulses



Fraction of  $>1000$  p.e. pulses

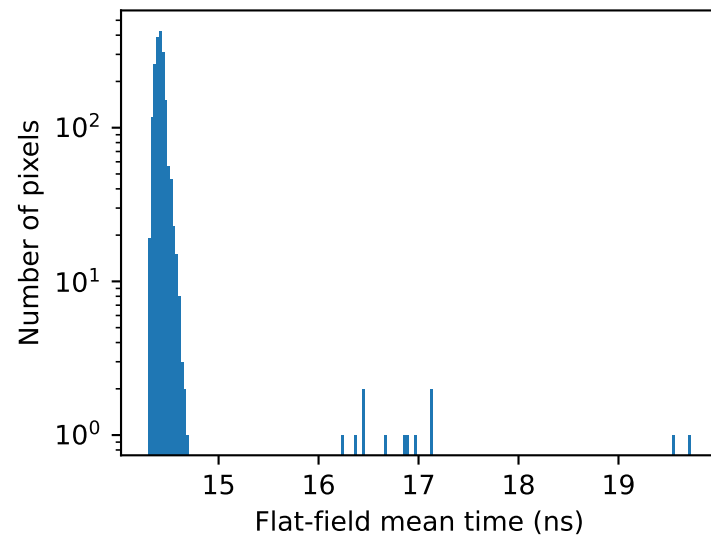
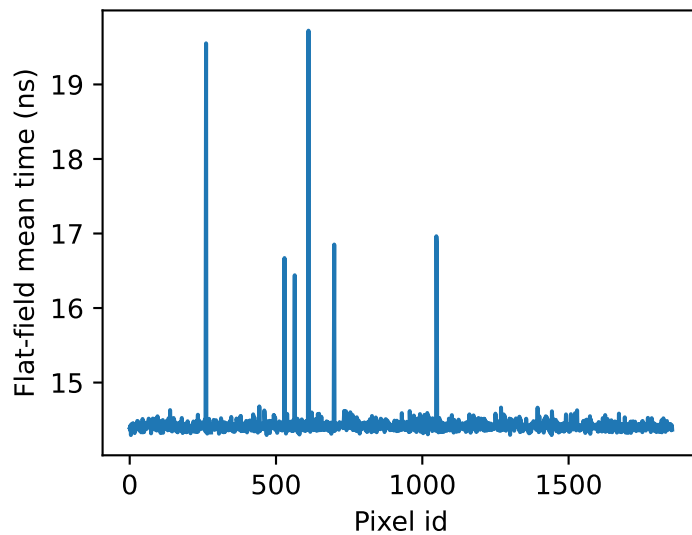
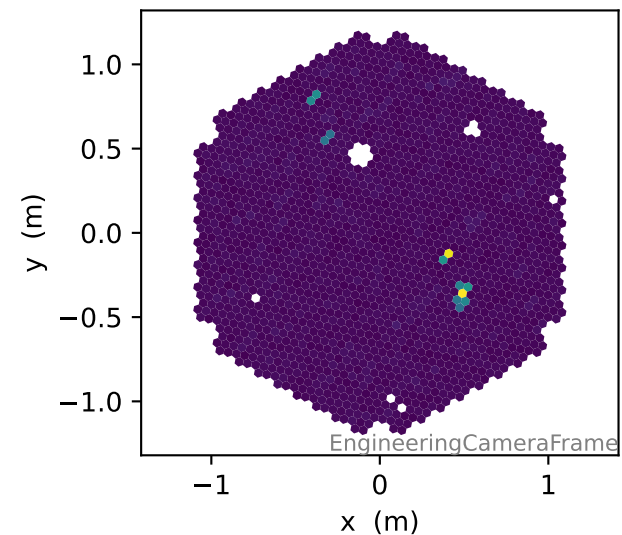


# COSMICS, relative frequency of pixel charges, camera averages

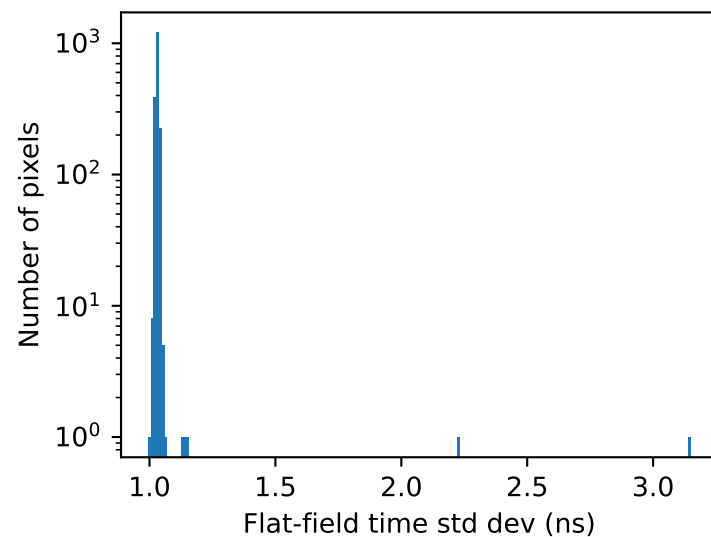
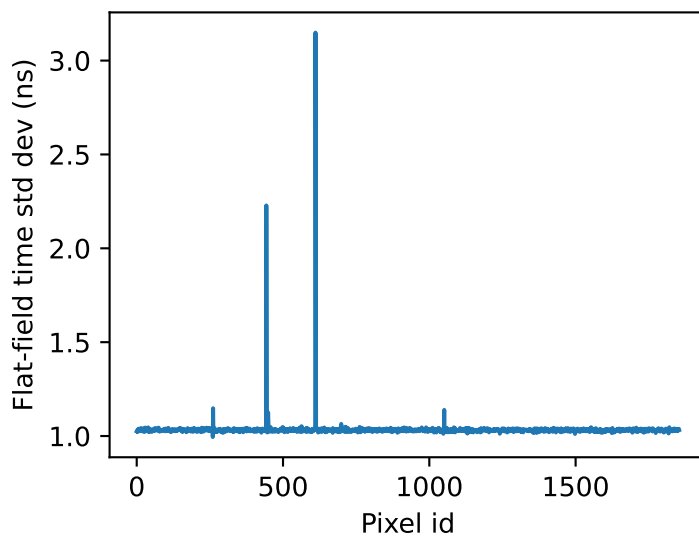
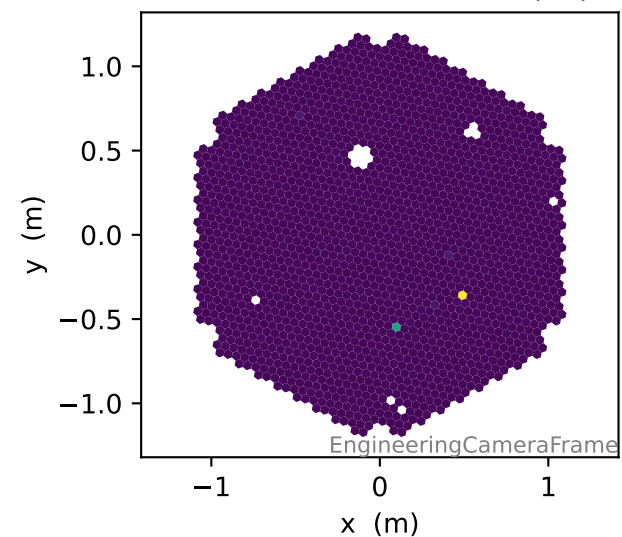


# FLATFIELD, pixel-wise pulse time info

### Flat-field mean time (ns)

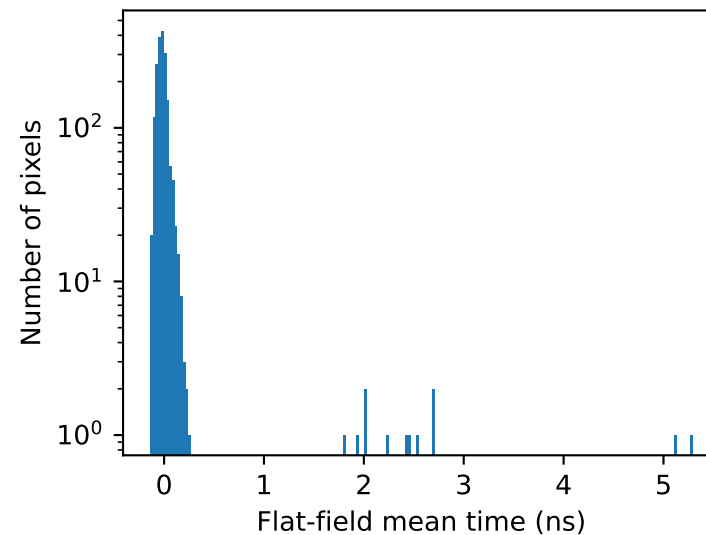
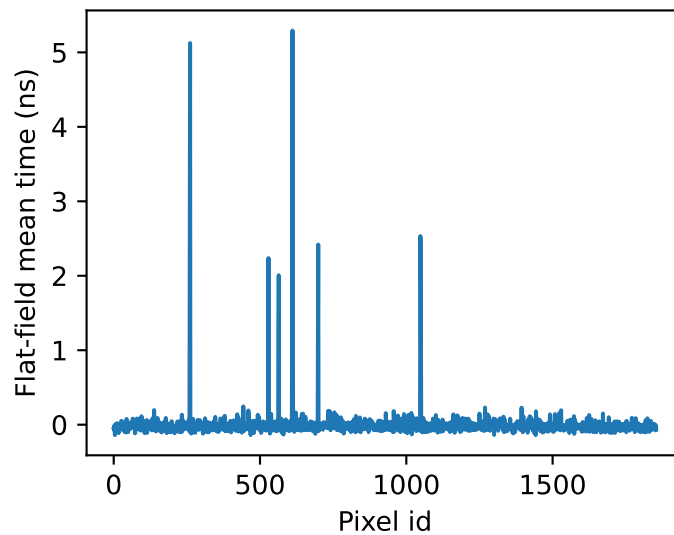
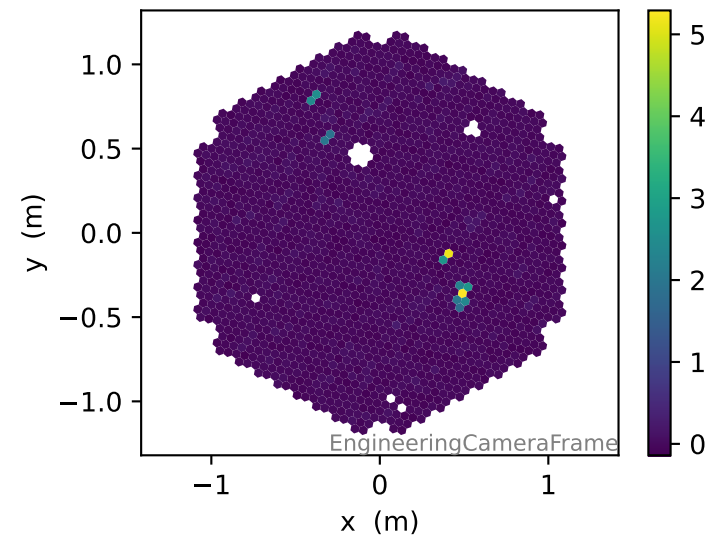


### Flat-field time std dev (ns)

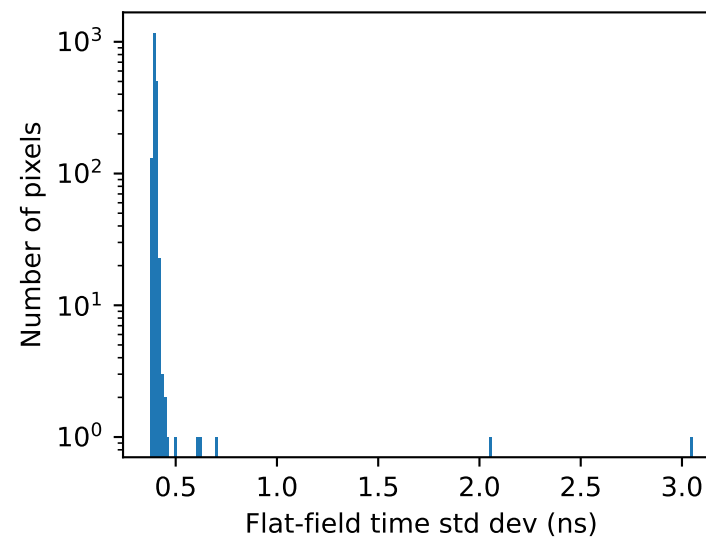
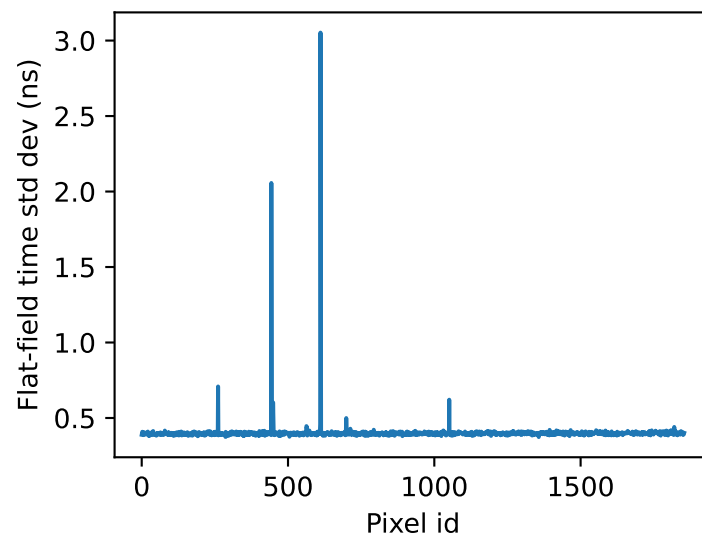
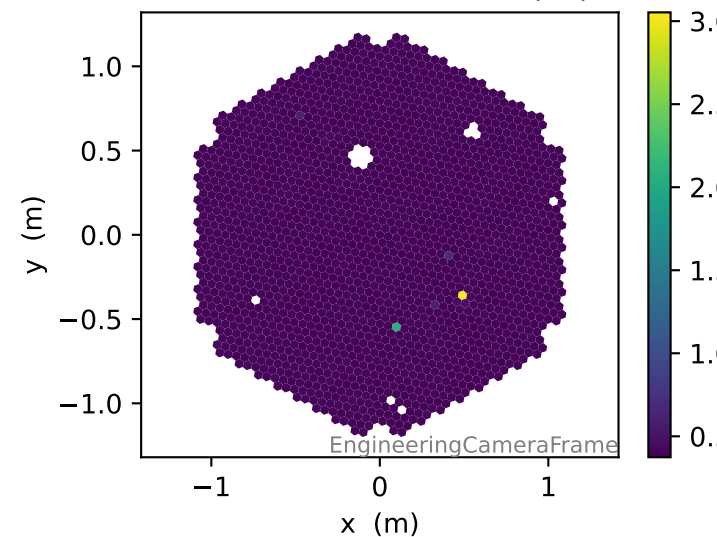


# FLATFIELD, pixel-wise pulse time relative to camera mean

### Flat-field mean time (ns)

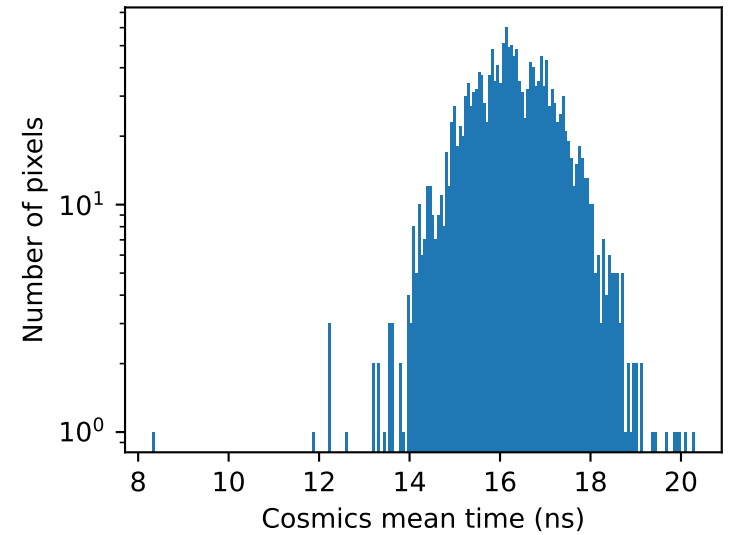
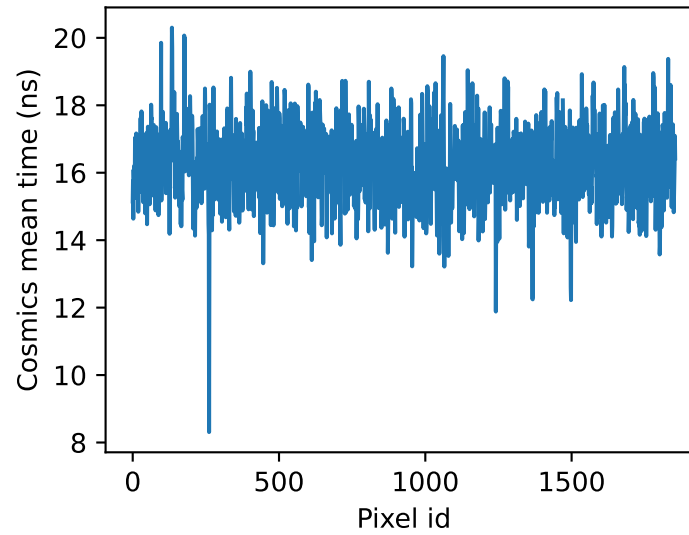
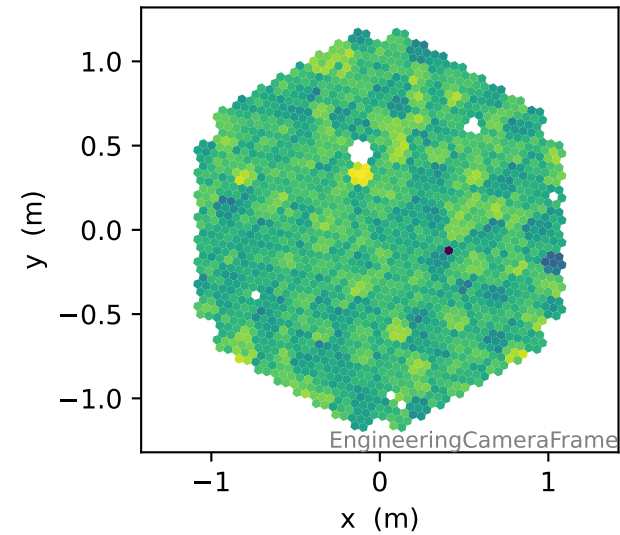


### Flat-field time std dev (ns)

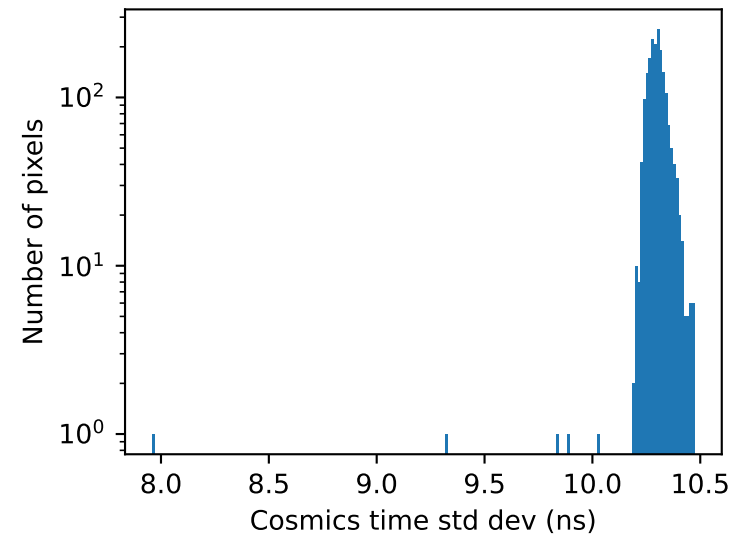
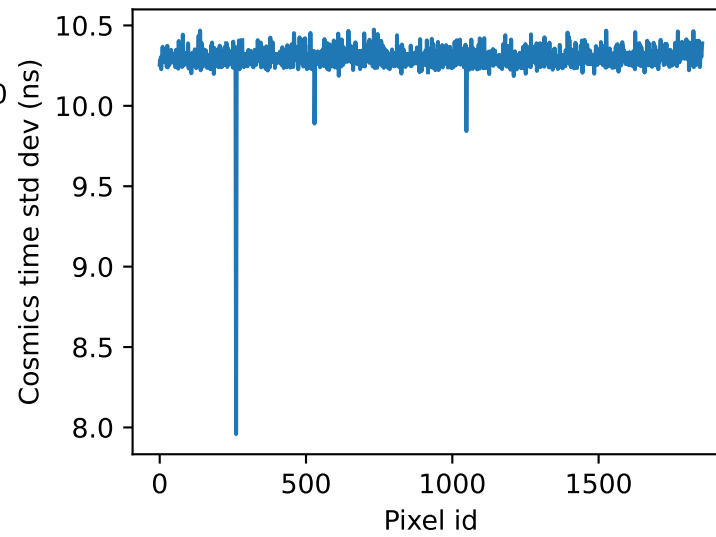
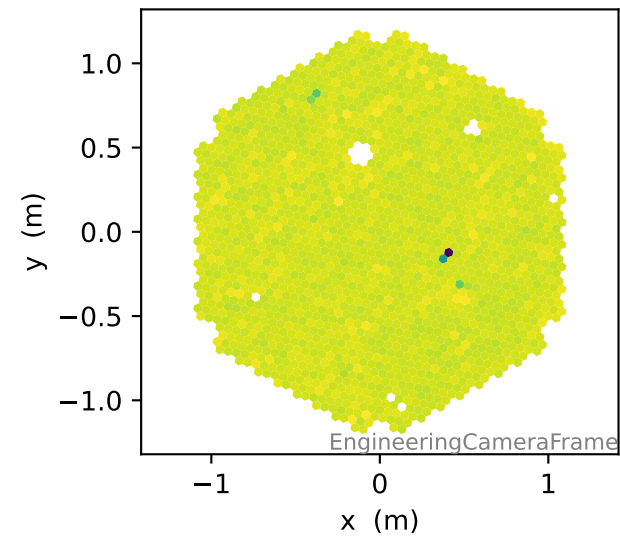


# COSMICS, pixel-wise pulse time info for pixel charge > 1 p.e.

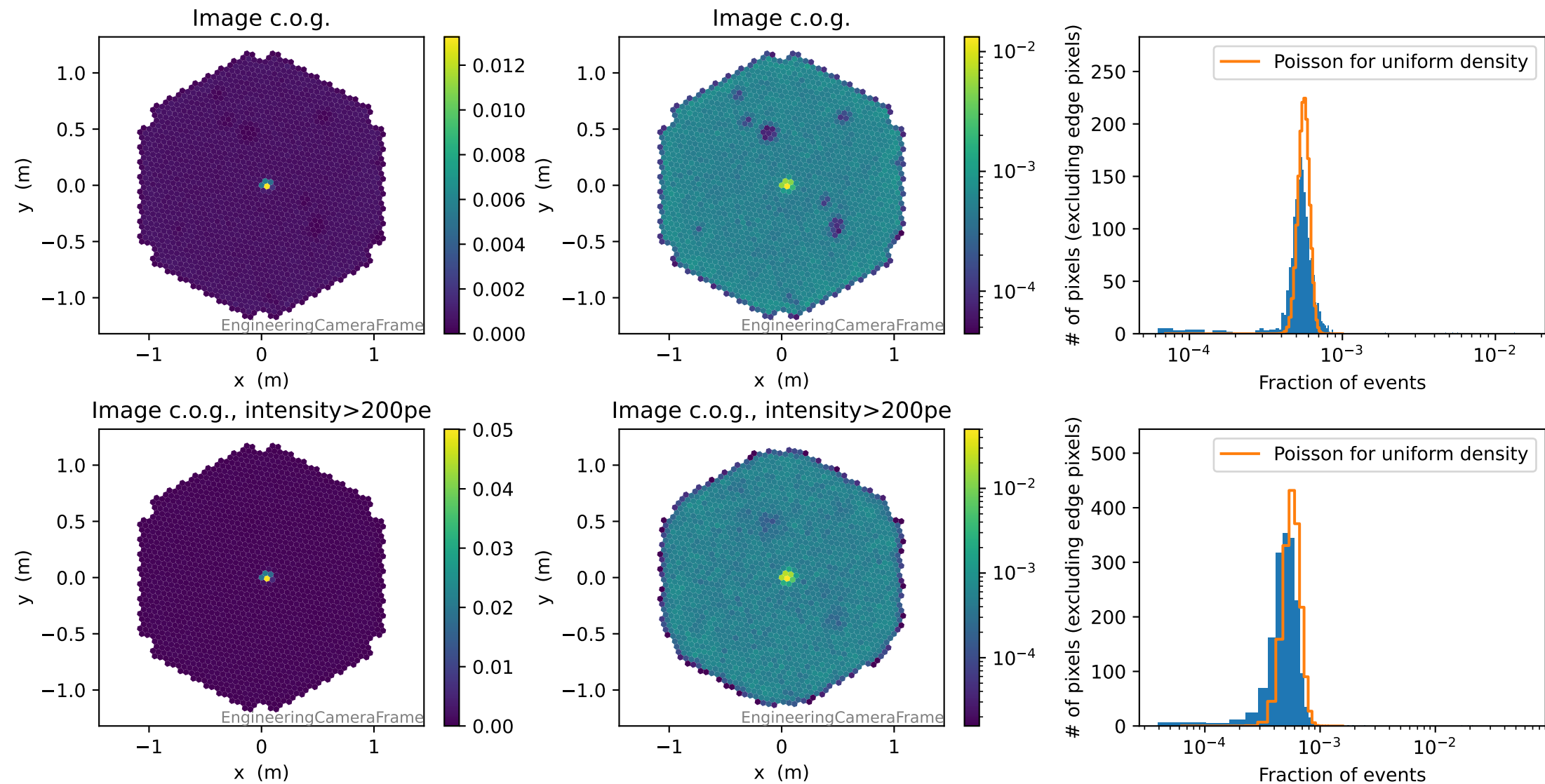
### Cosmics mean time (ns)



### Cosmics time std dev (ns)

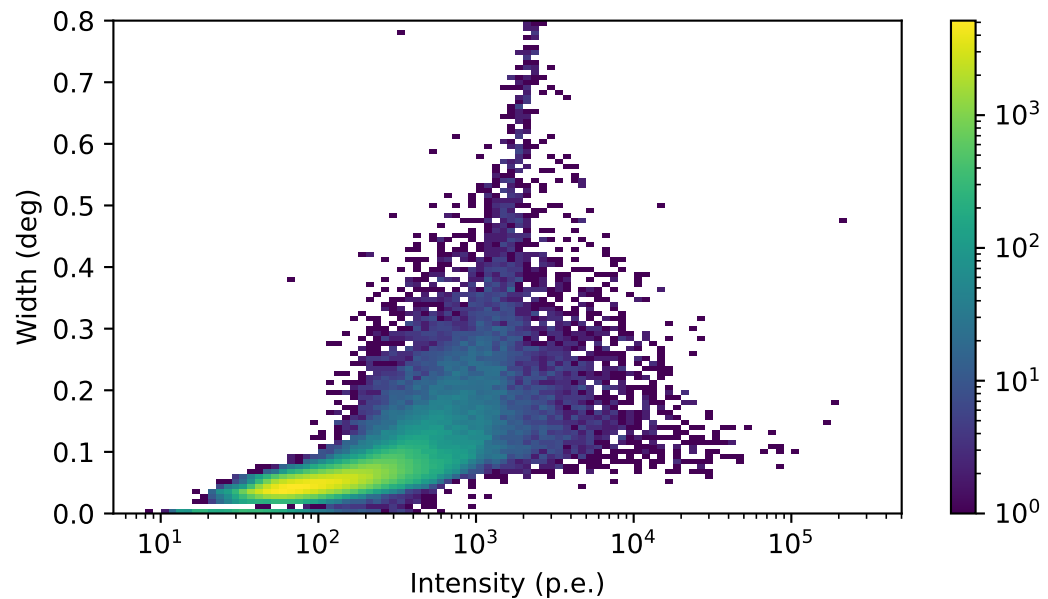
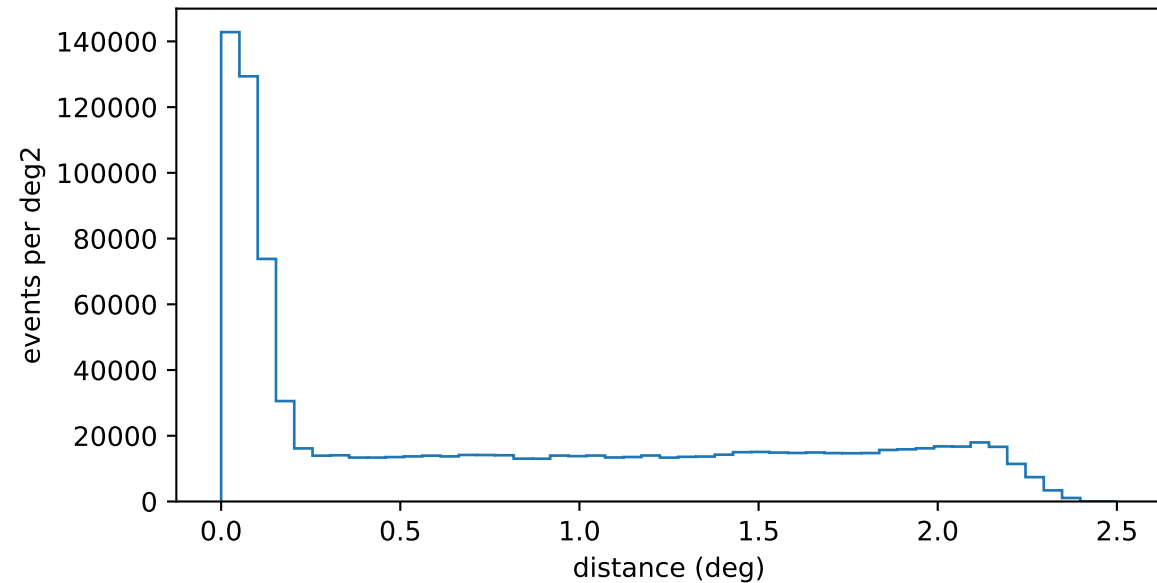


# COSMICS, image c.o.g. position

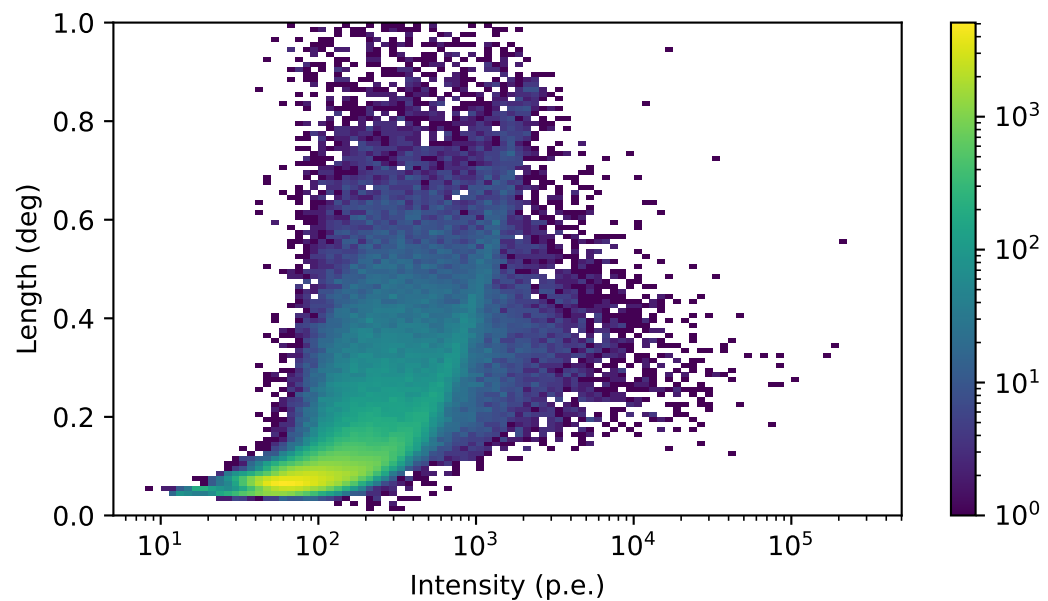
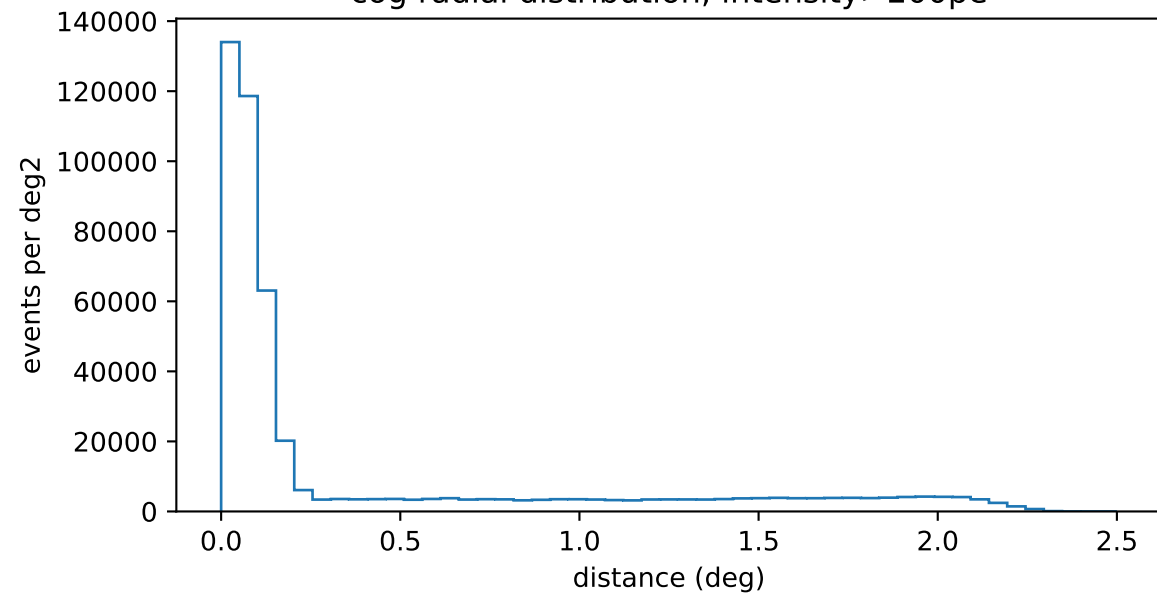


# COSMICS, image parameters

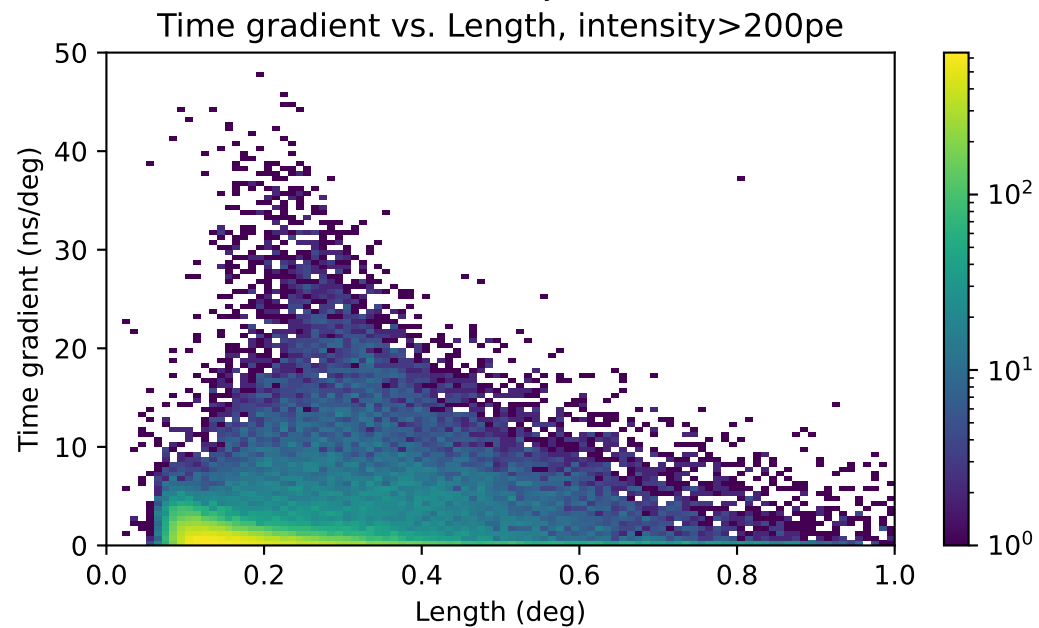
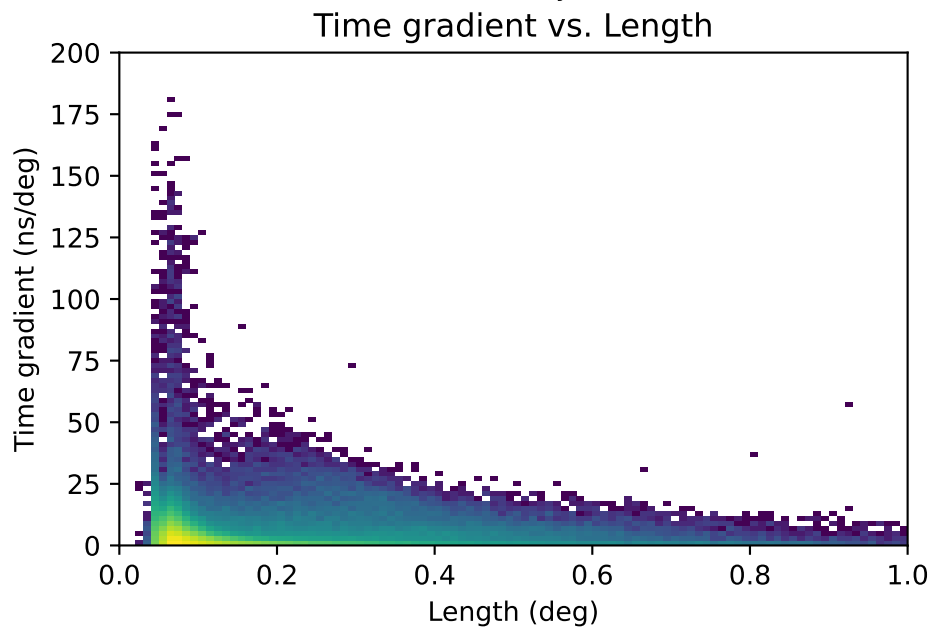
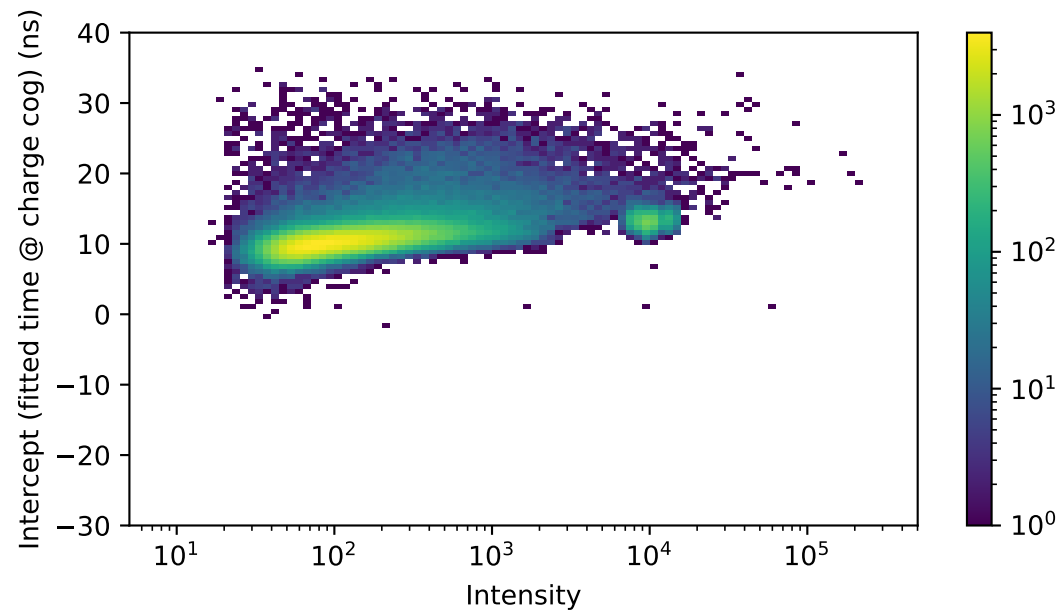
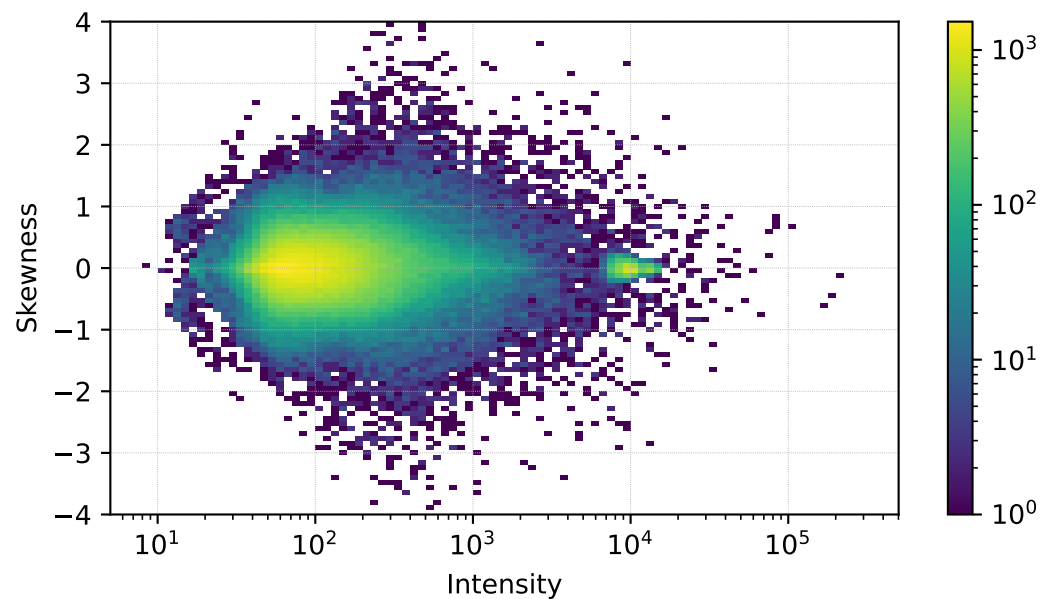
## cog radial distribution



## cog radial distribution, intensity > 200pe

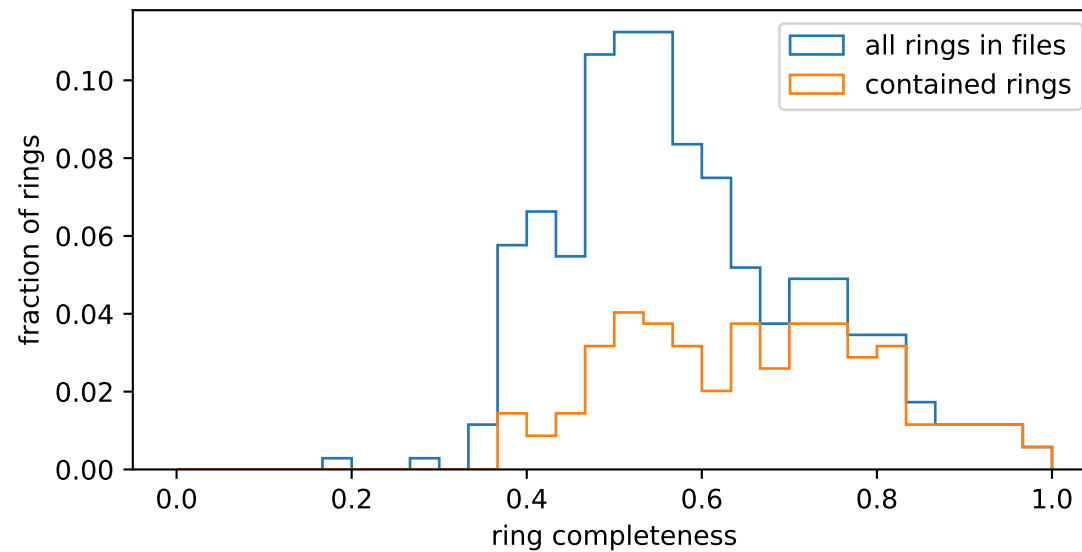
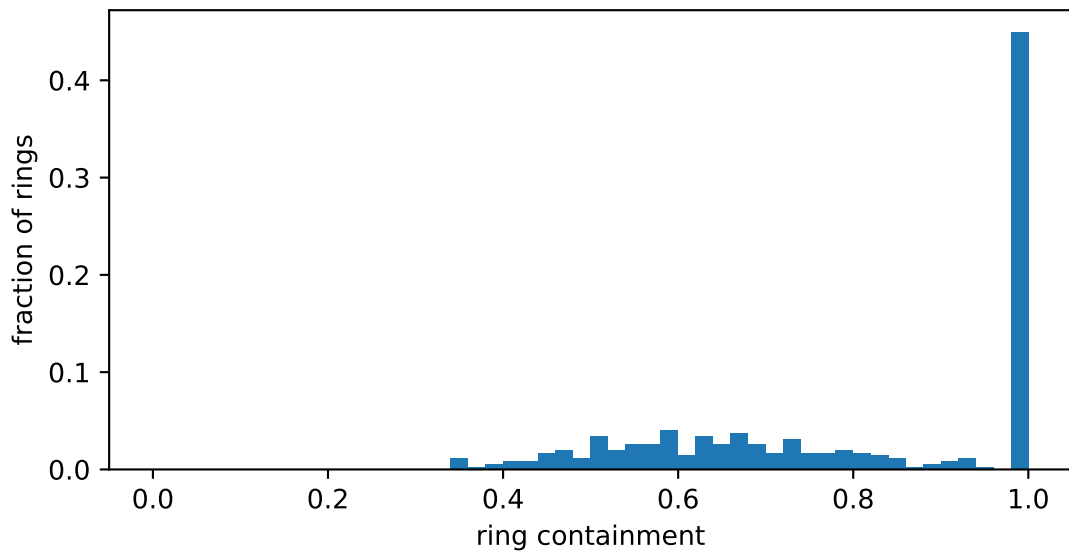
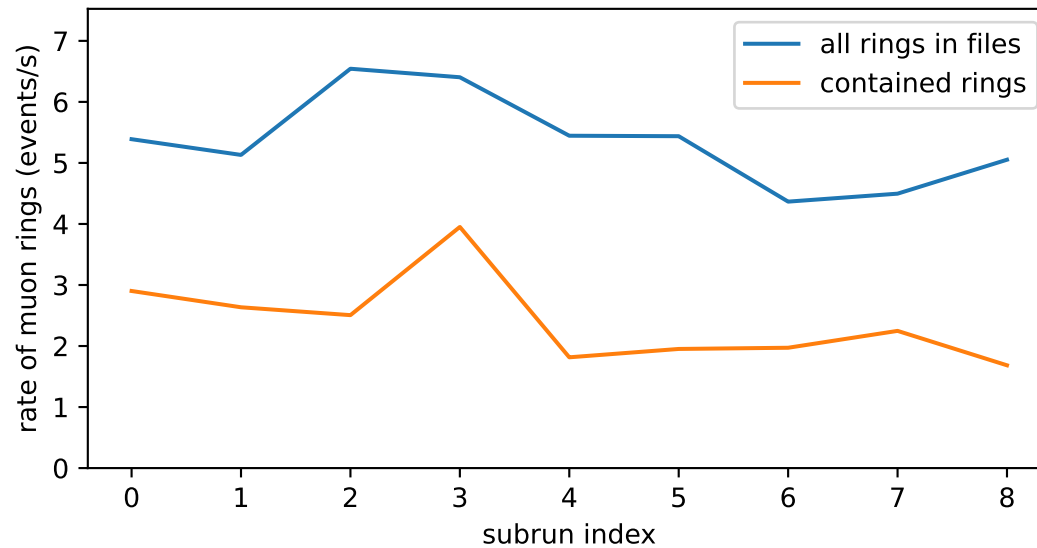
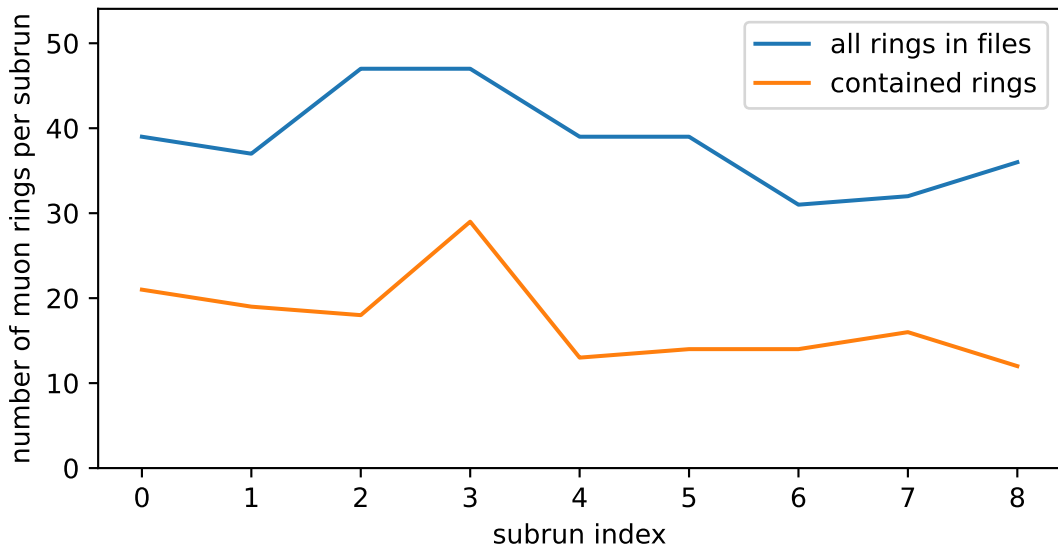


# COSMICS, image parameters

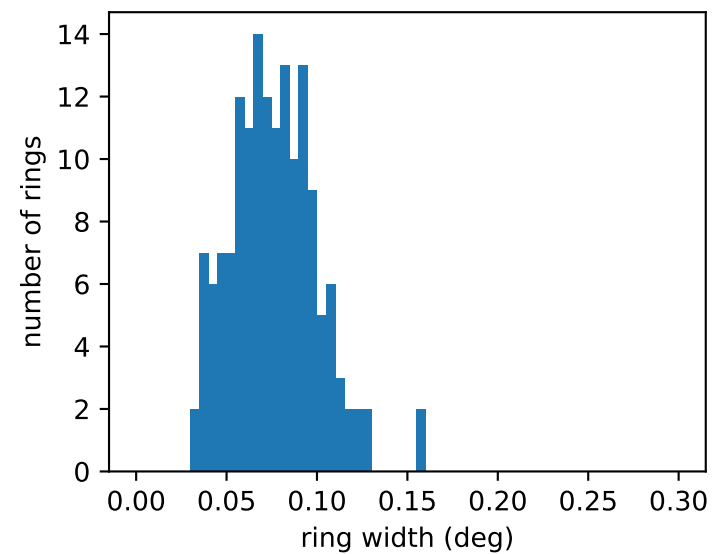
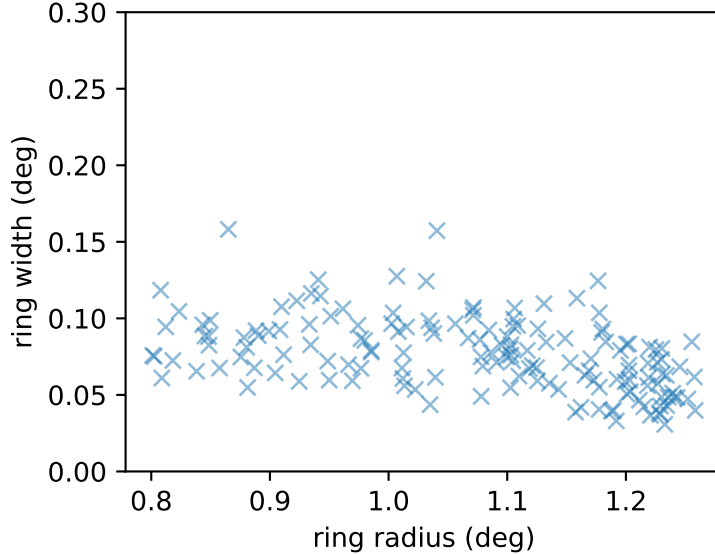
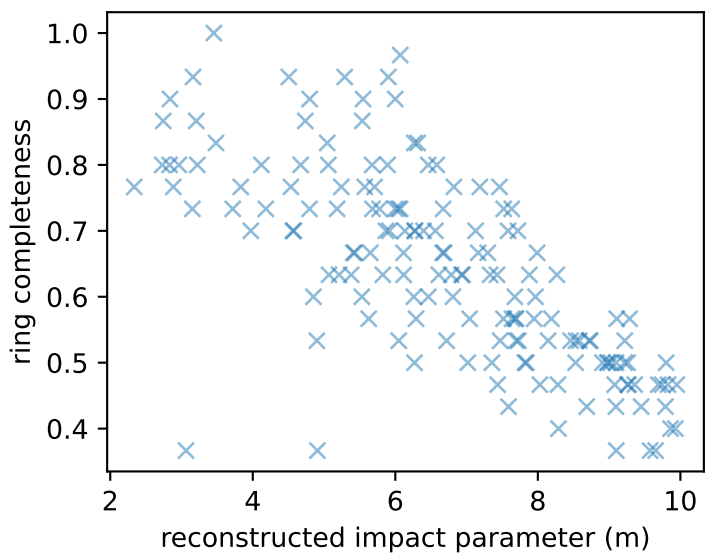
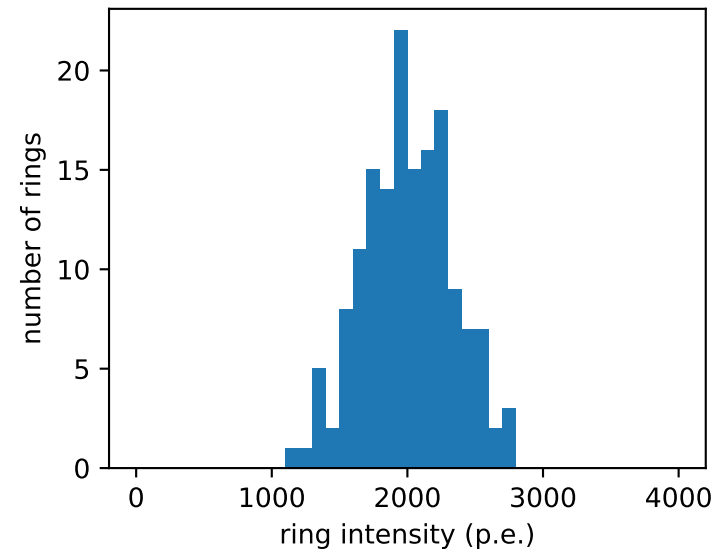
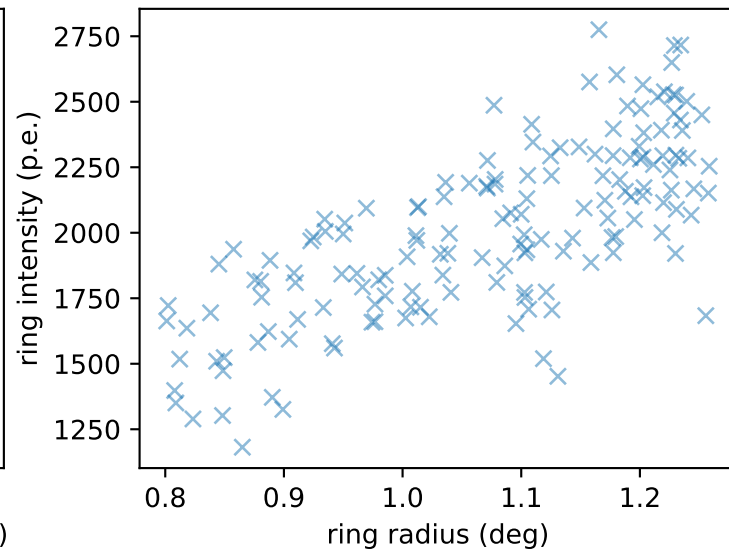
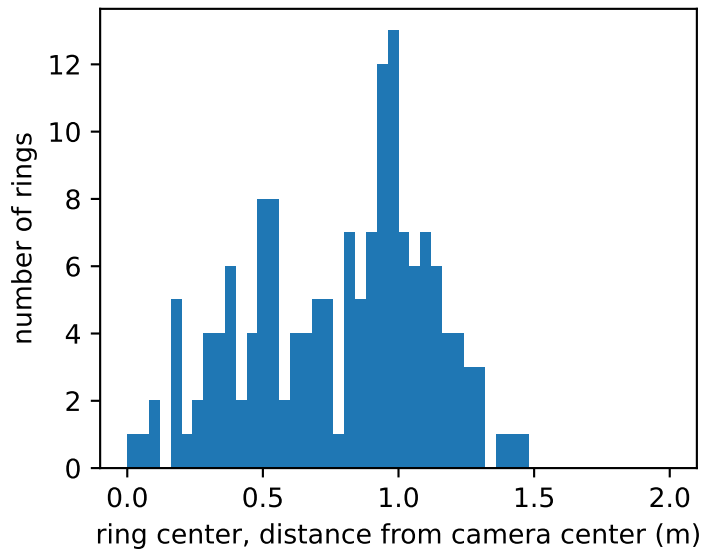




# MUON RINGS



# MUON RINGS with containment = 1



# MUON RINGS with containment = 1

