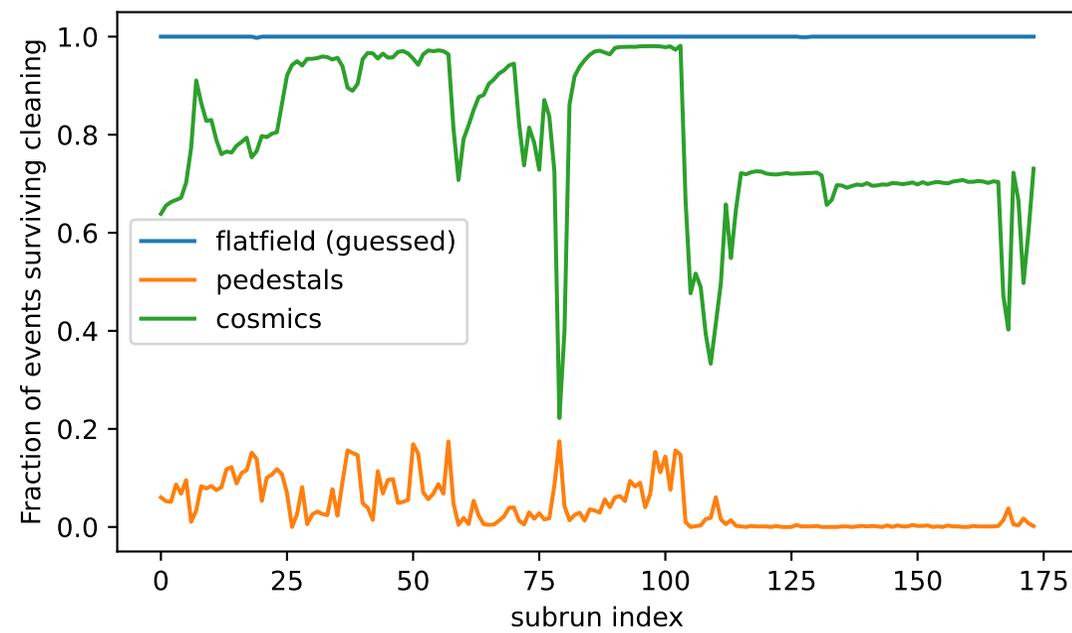
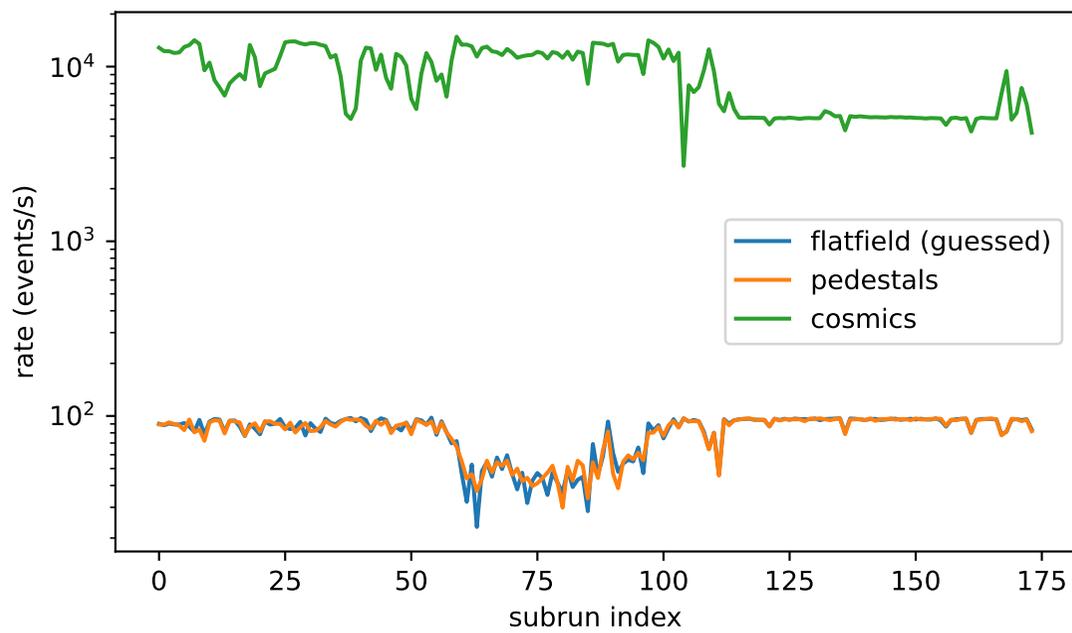
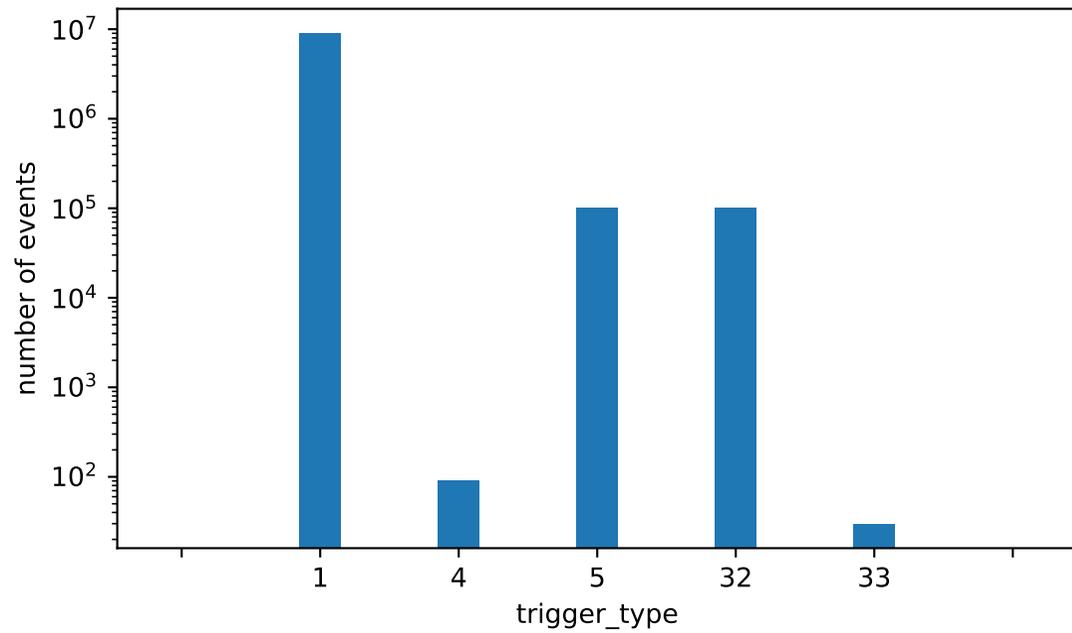
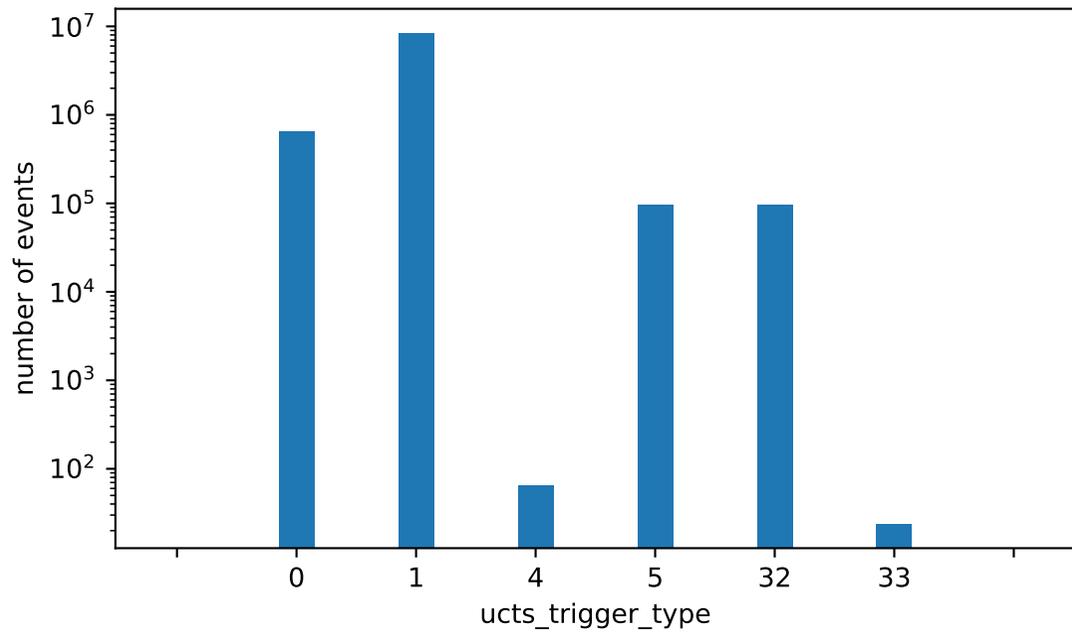
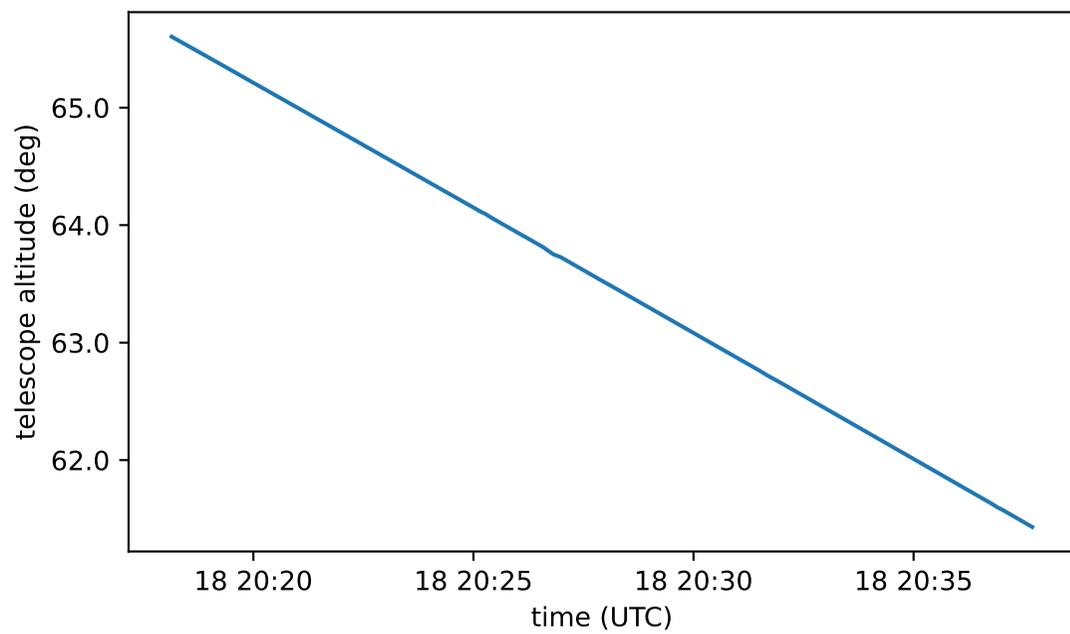
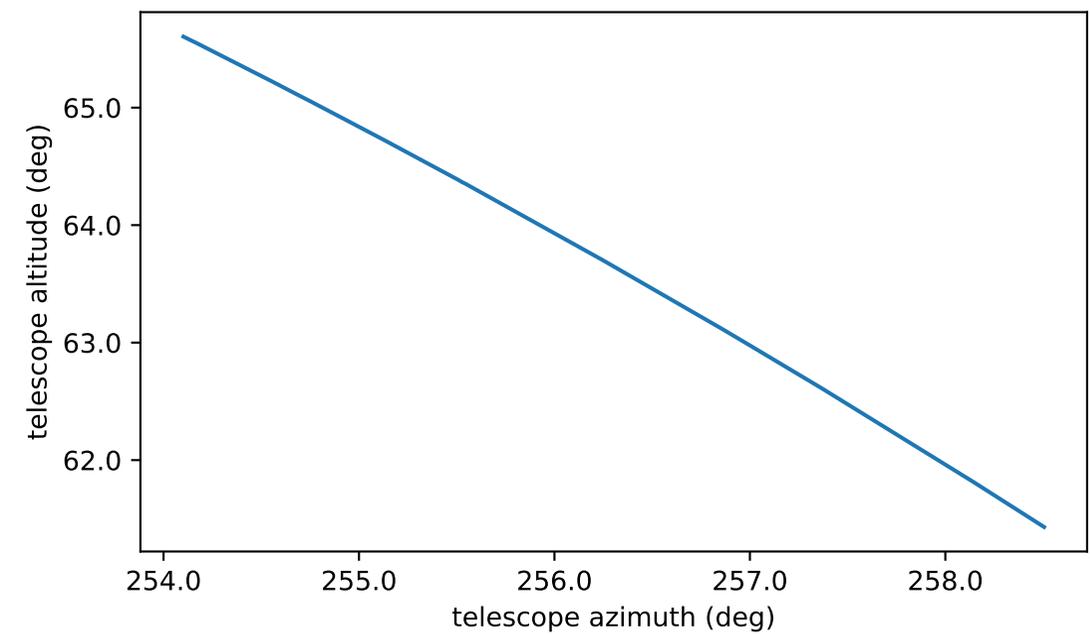
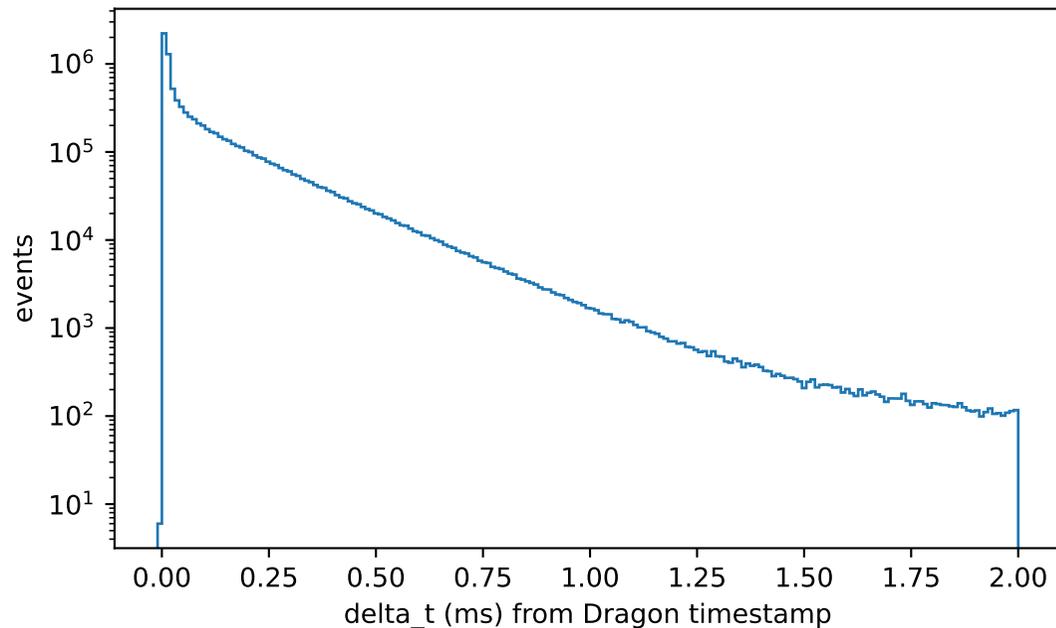
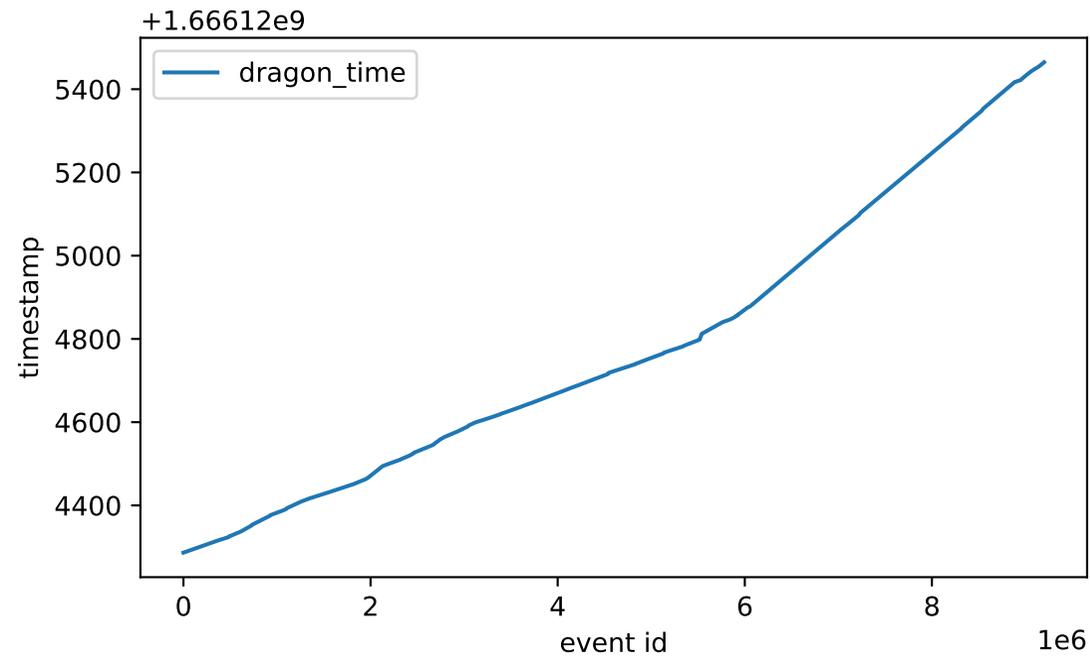


datacheck\_dl1\_LST-1.Run09691.h5

First shower event UTC:

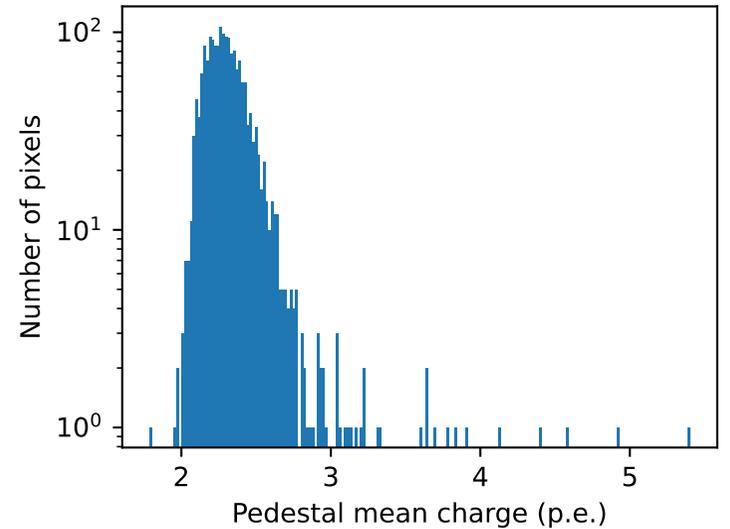
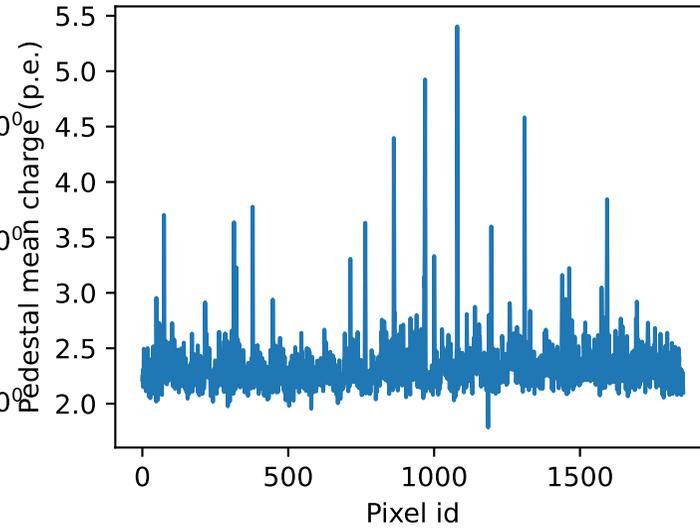
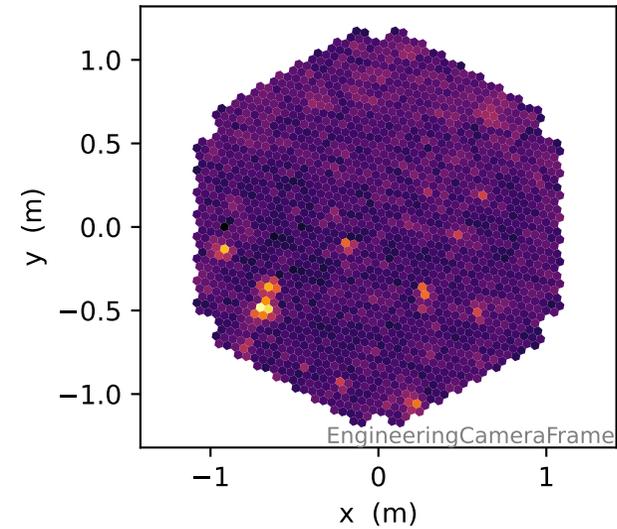
(from Dragon time): 2022-10-18 20:18:06.527675



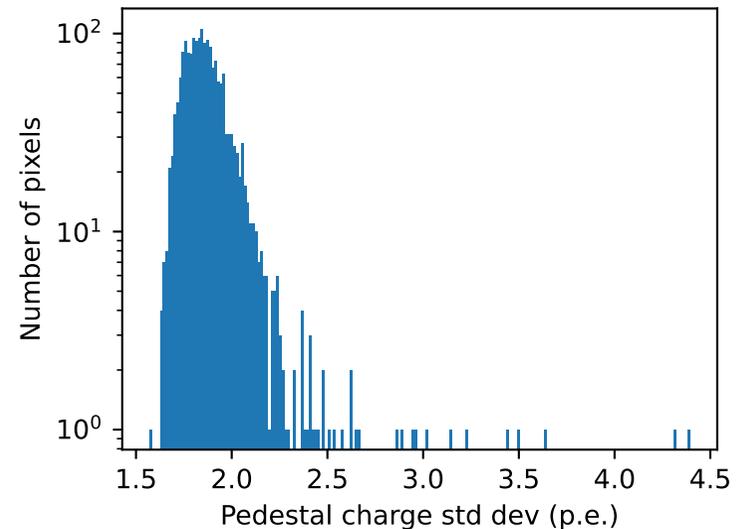
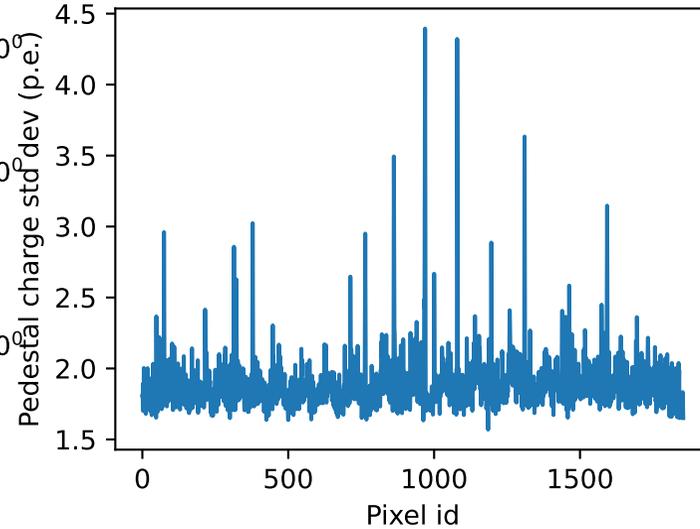
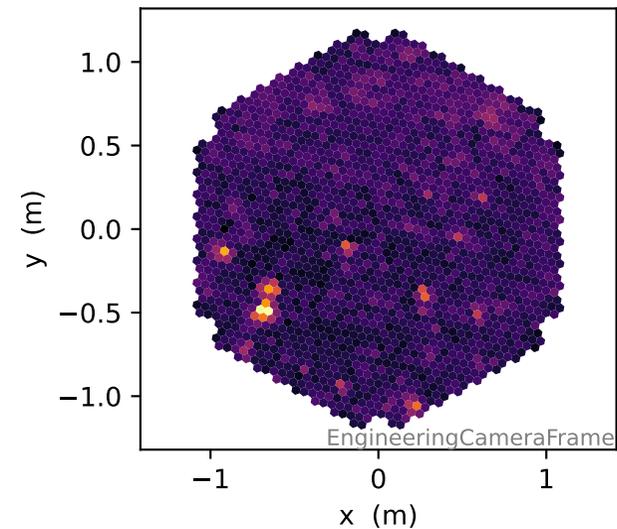


# PEDESTALS, pixel-wise charge info

Pedestal mean charge (p.e.)

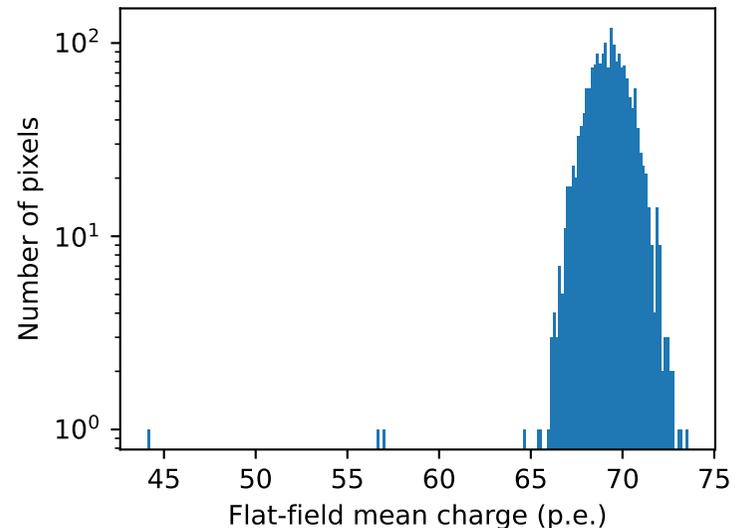
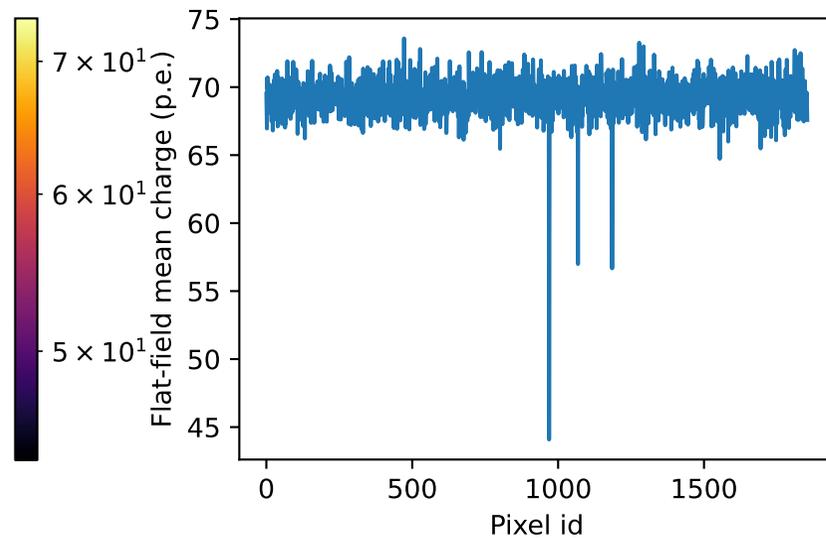
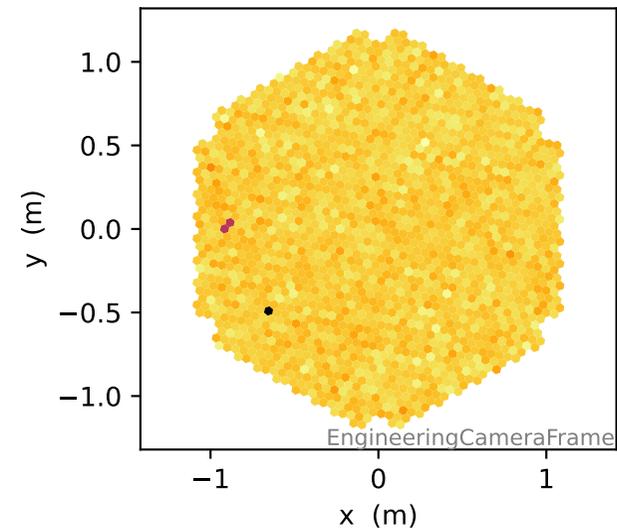


Pedestal charge std dev (p.e.)

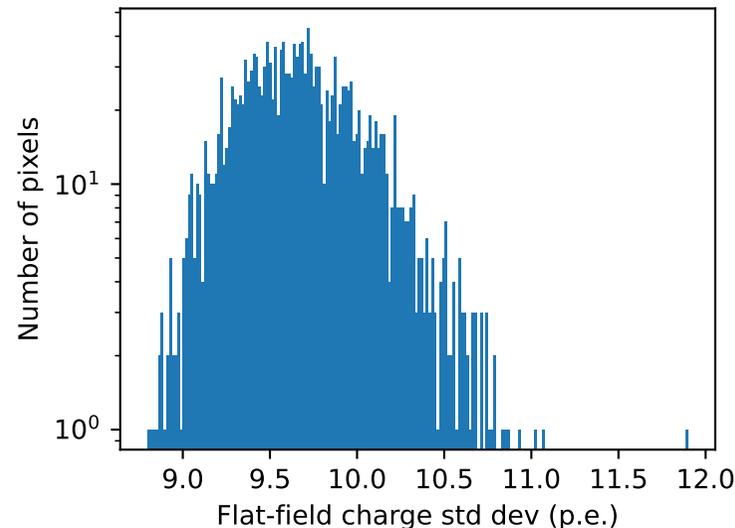
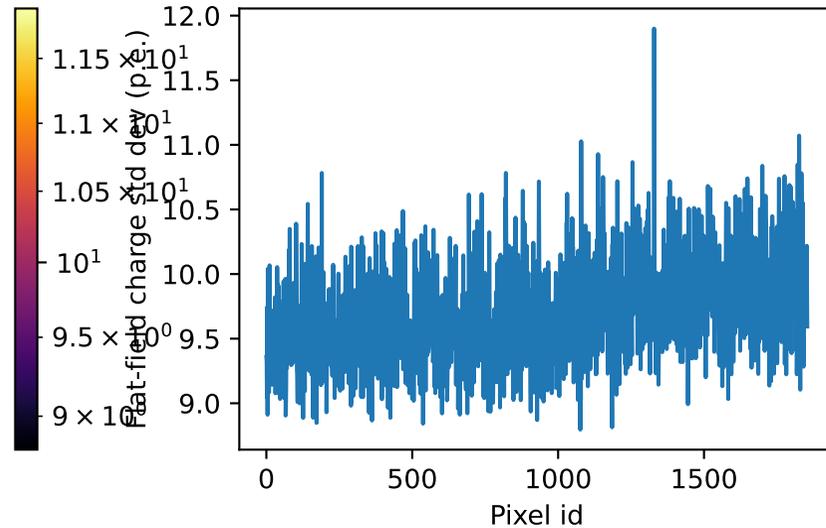
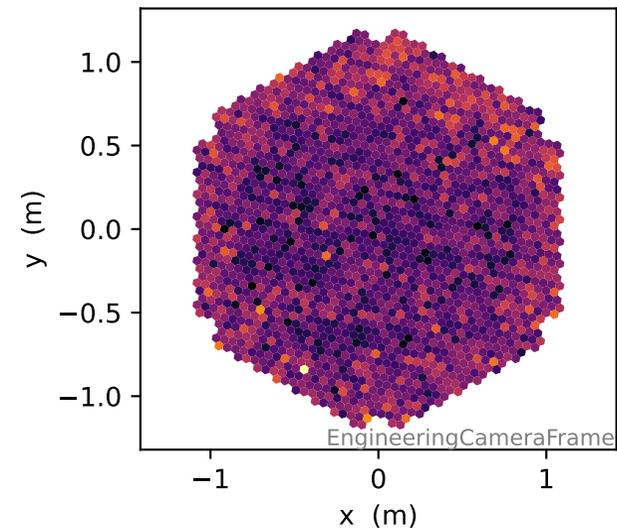


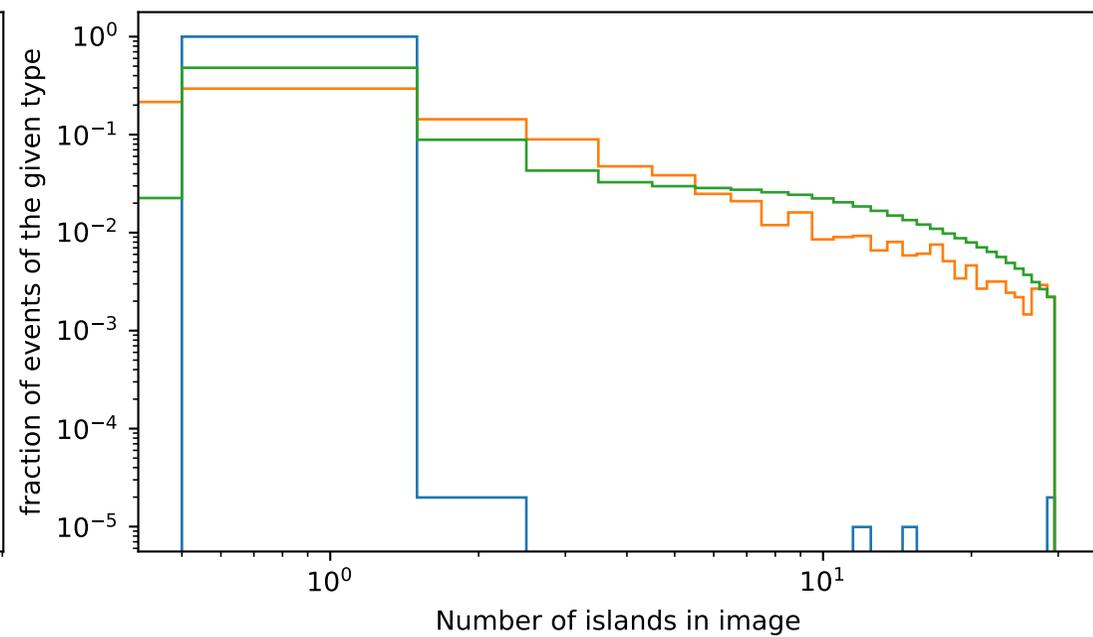
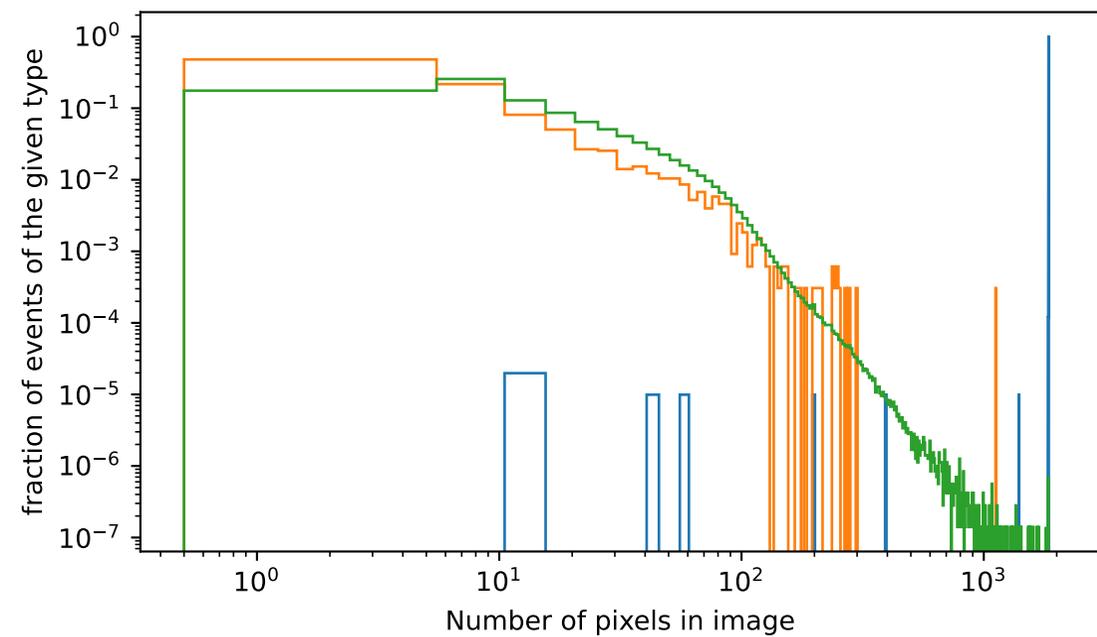
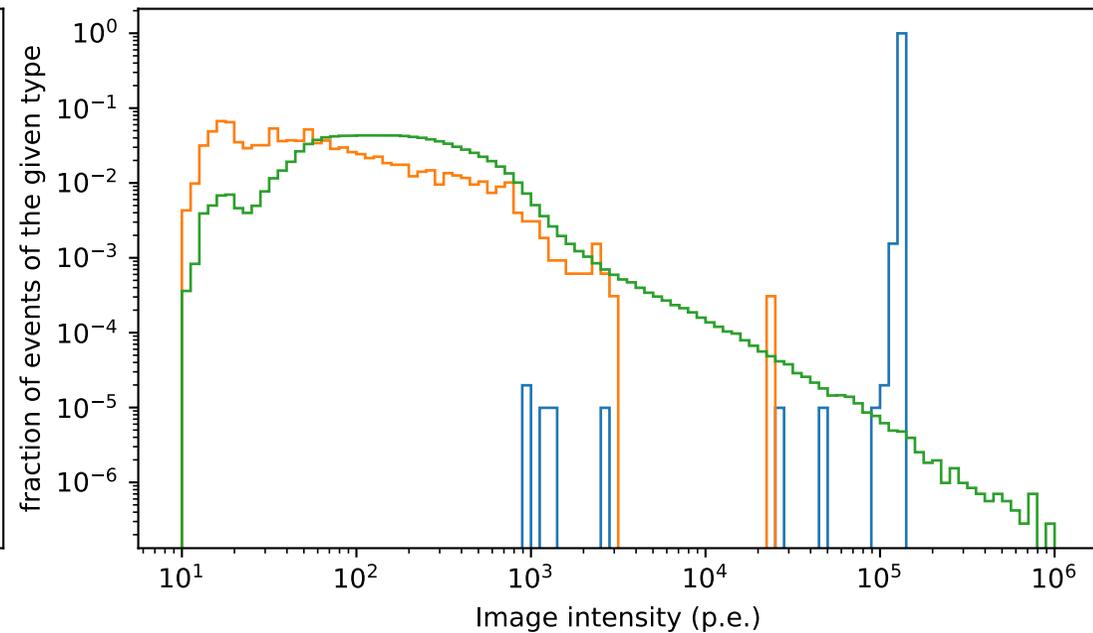
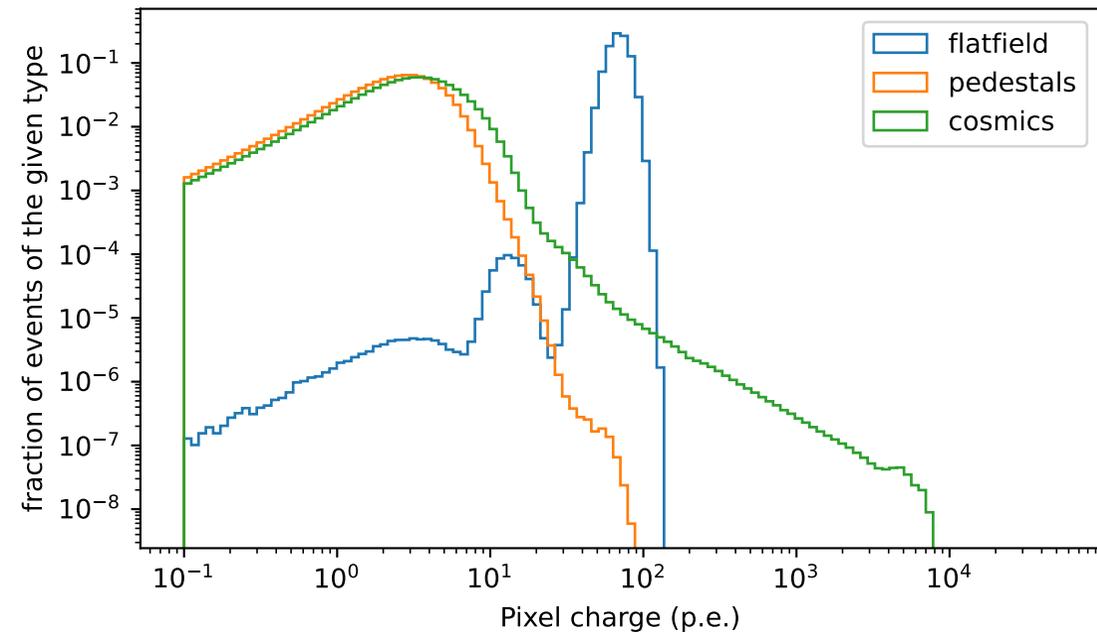
# FLATFIELD, pixel-wise charge info

### Flat-field mean charge (p.e.)



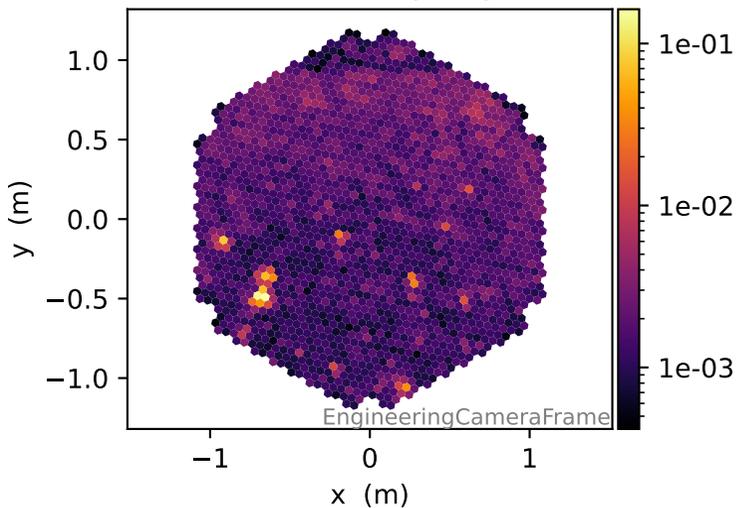
### Flat-field charge std dev (p.e.)



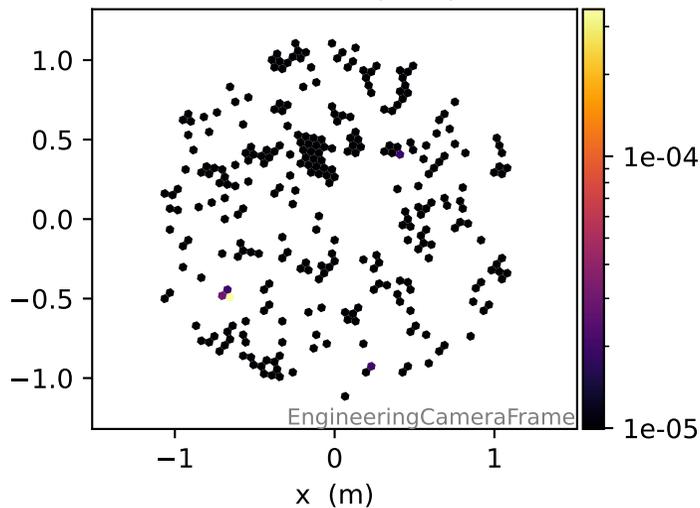


# PEDESTALS, relative frequency of pixel charges

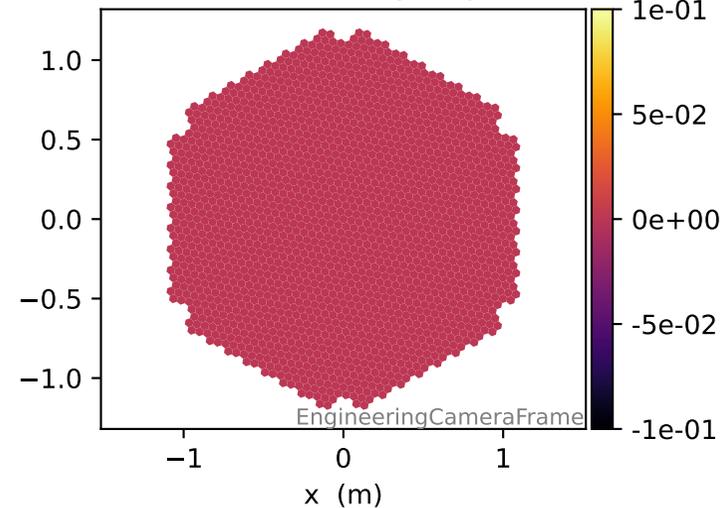
Fraction of  $>10$  p.e. pulses



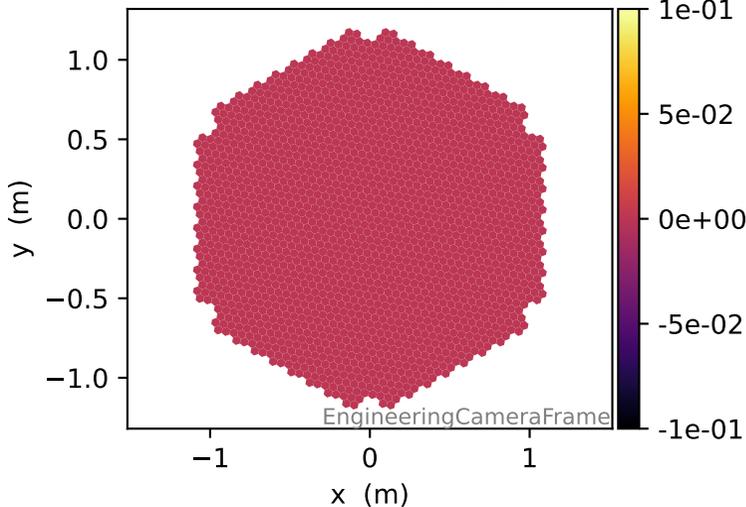
Fraction of  $>30$  p.e. pulses



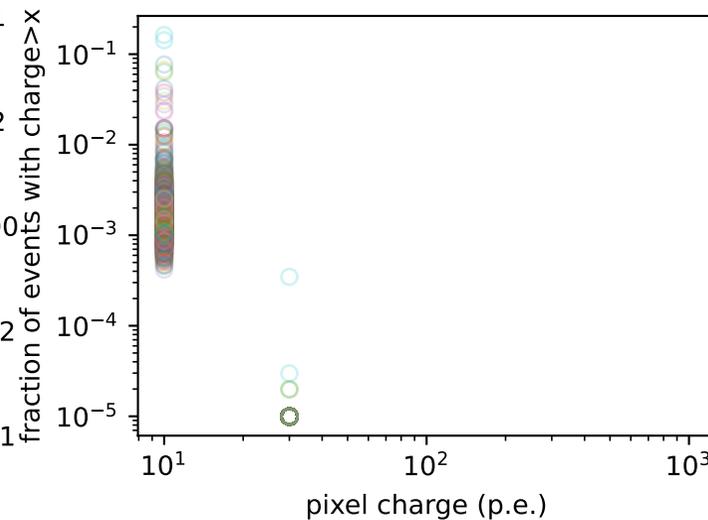
Fraction of  $>100$  p.e. pulses



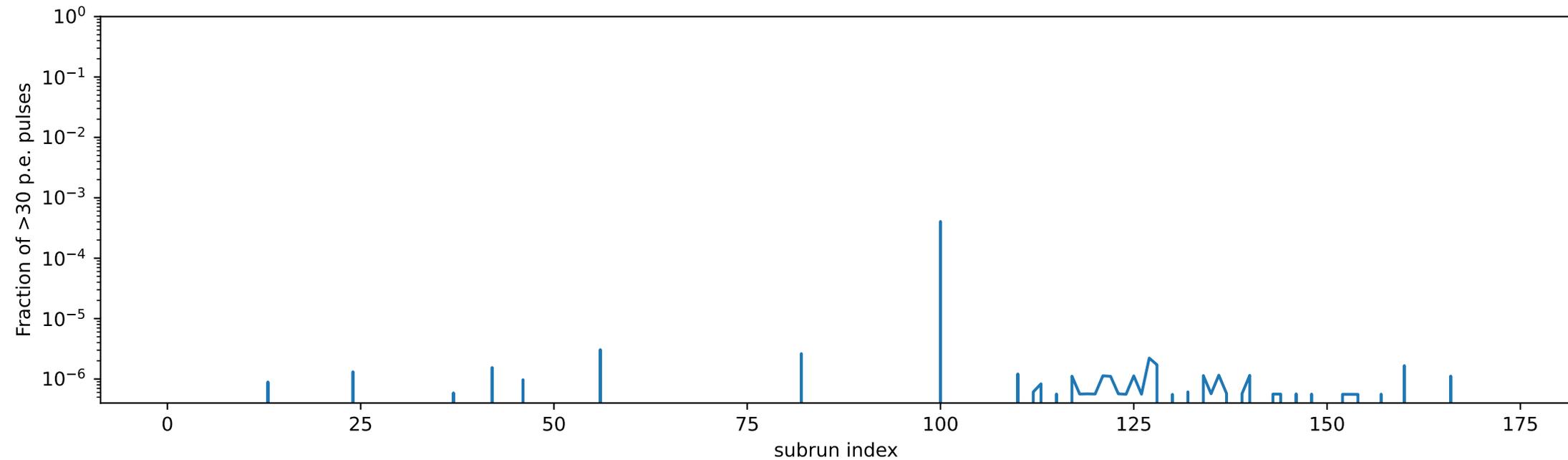
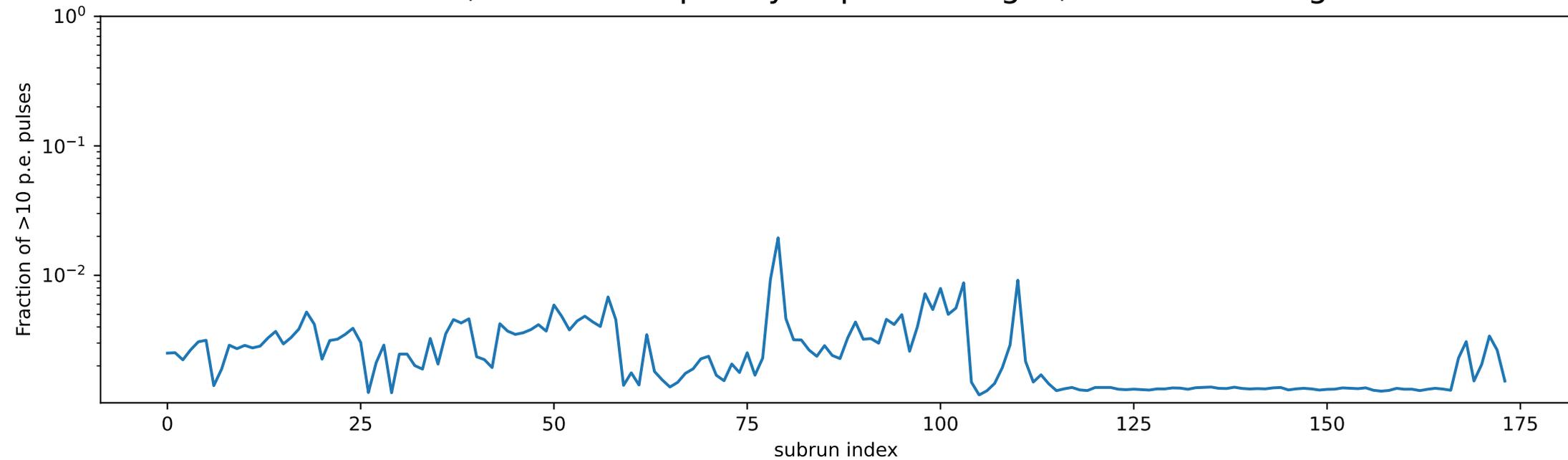
Fraction of  $>300$  p.e. pulses



Fraction of  $>1000$  p.e. pulses



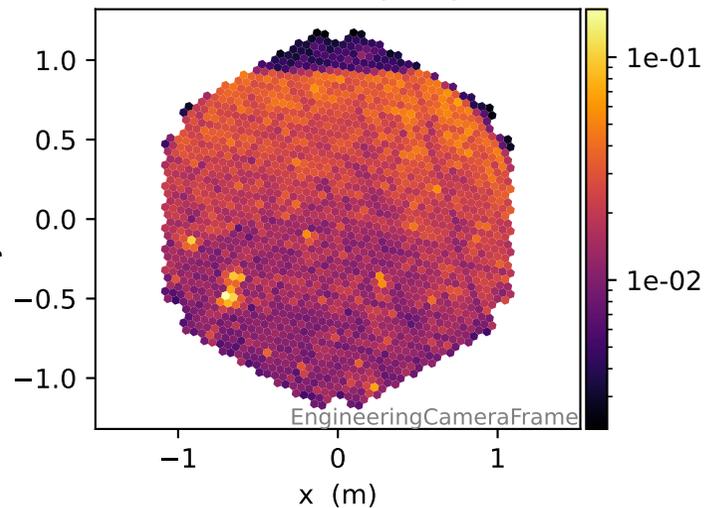
# PEDESTALS, relative frequency of pixel charges, camera averages



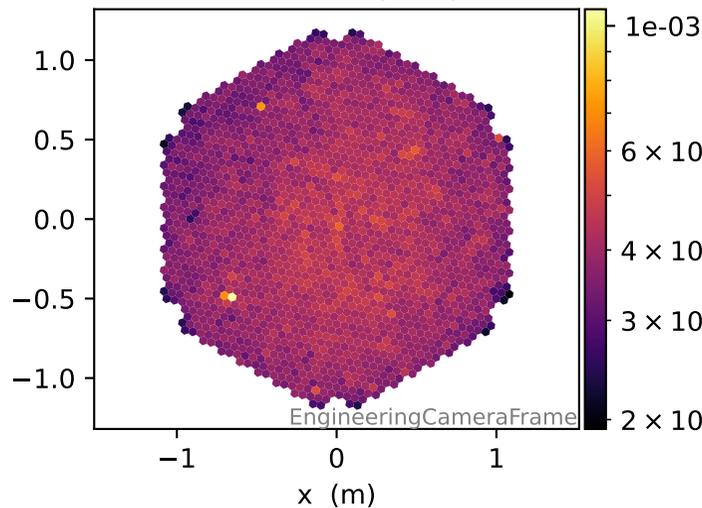


# COSMICS, relative frequency of pixel charges

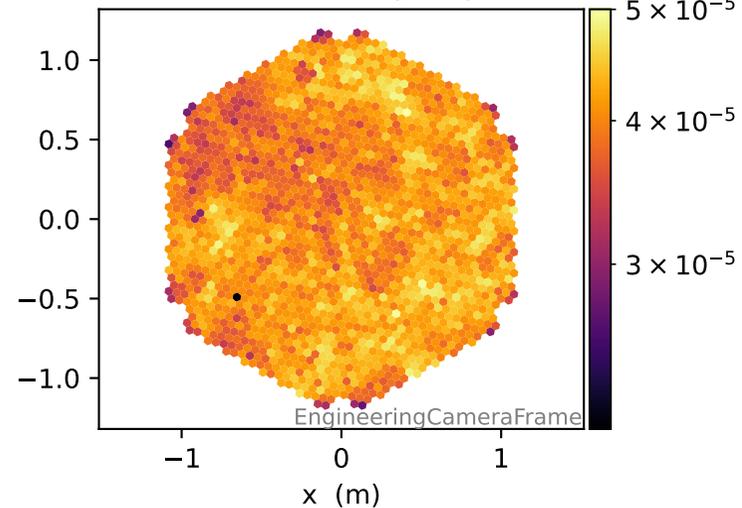
Fraction of  $>10$  p.e. pulses



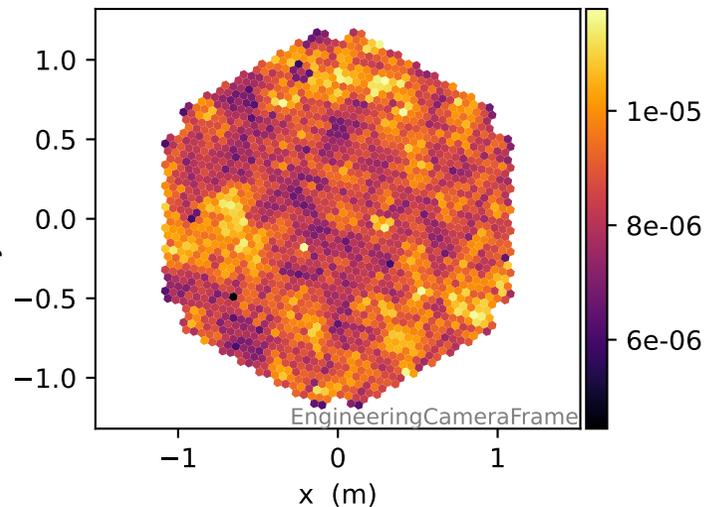
Fraction of  $>30$  p.e. pulses



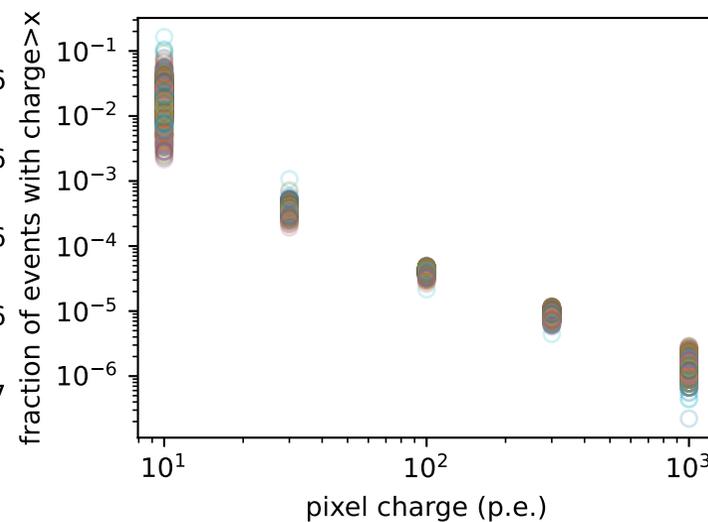
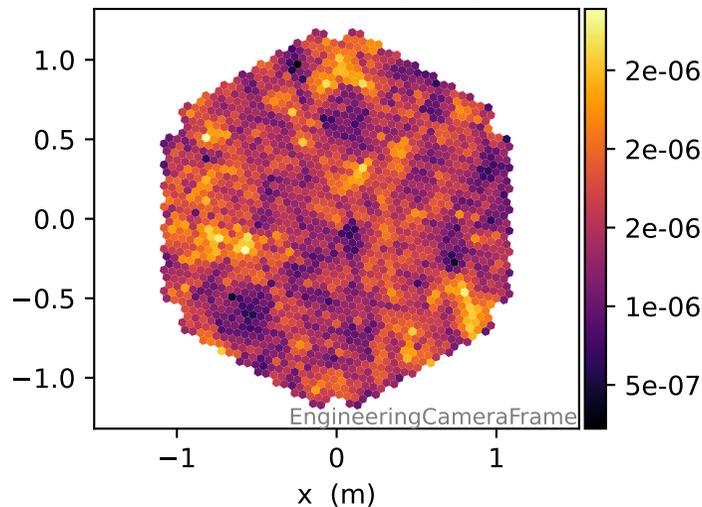
Fraction of  $>100$  p.e. pulses



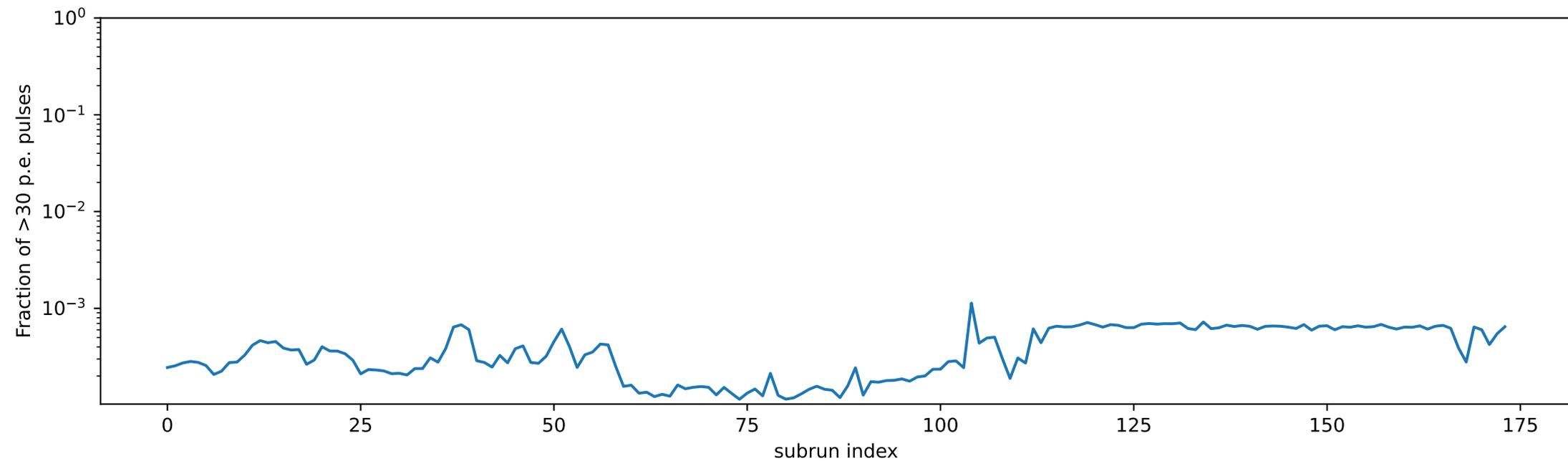
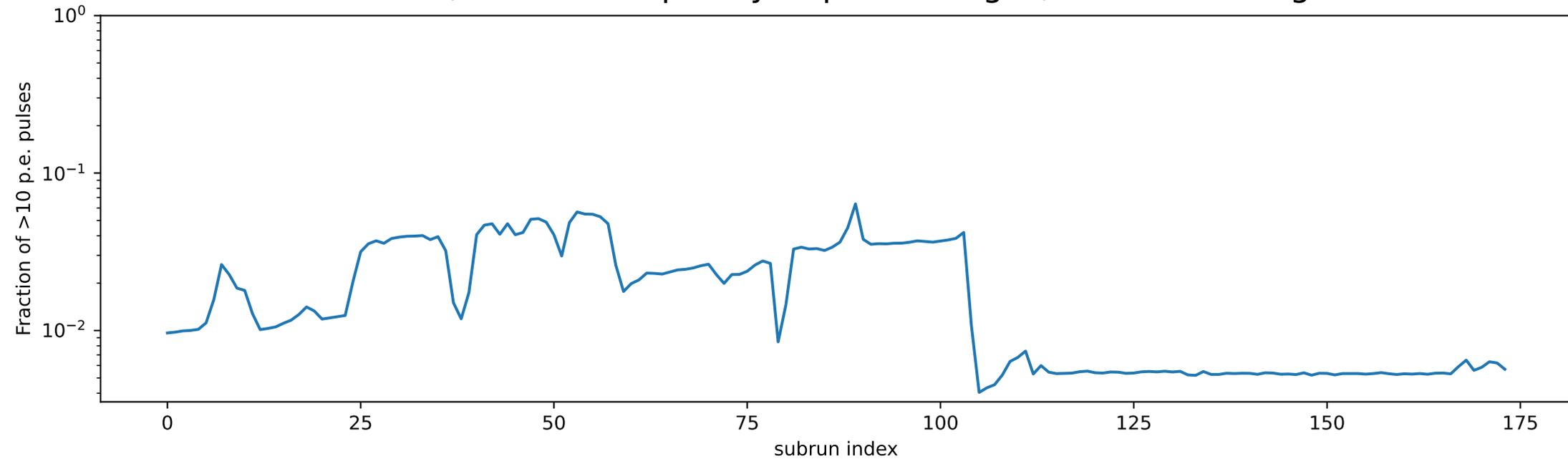
Fraction of  $>300$  p.e. pulses



Fraction of  $>1000$  p.e. pulses

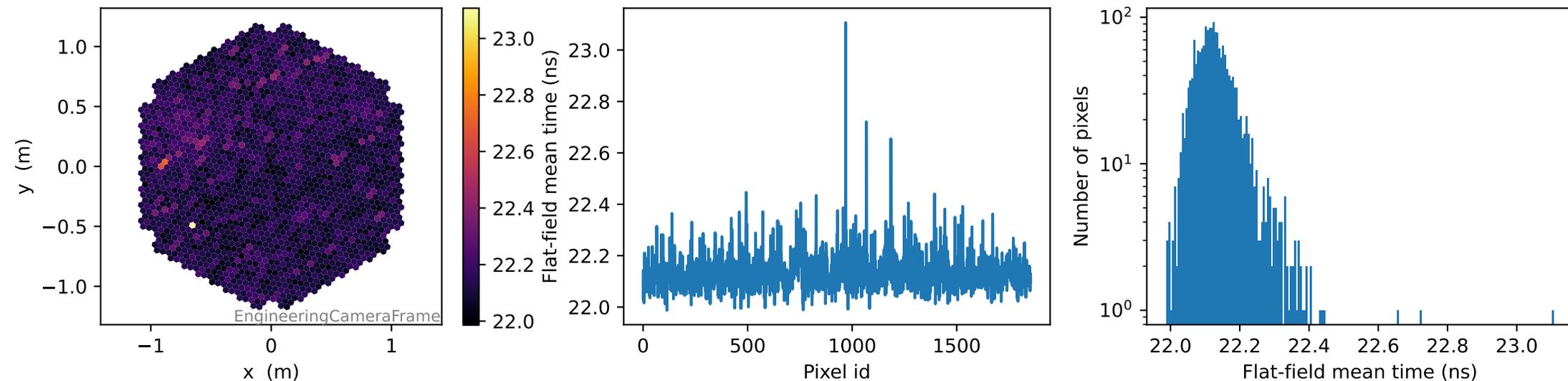


# COSMICS, relative frequency of pixel charges, camera averages

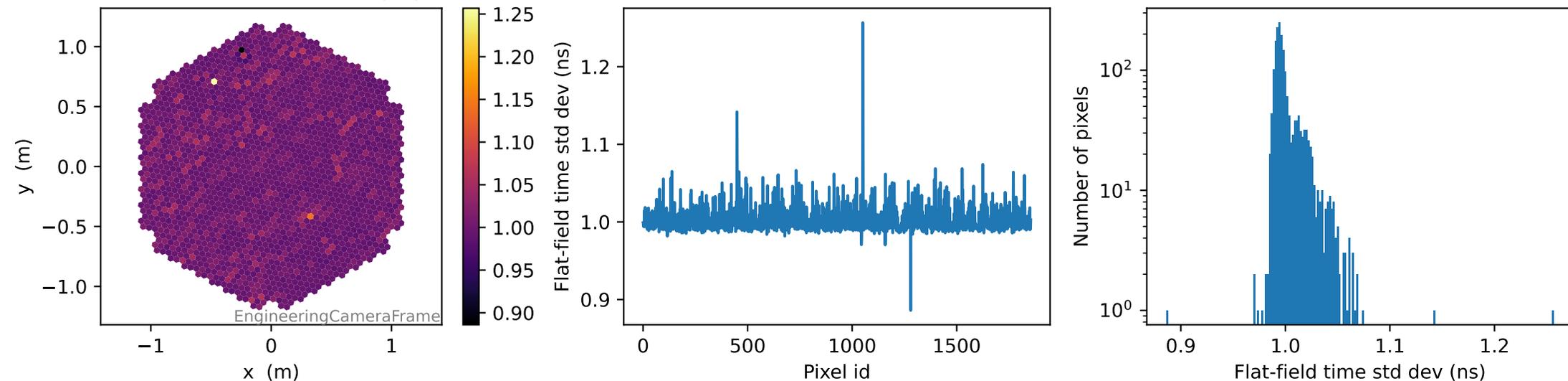


# FLATFIELD, pixel-wise pulse time info

## Flat-field mean time (ns)

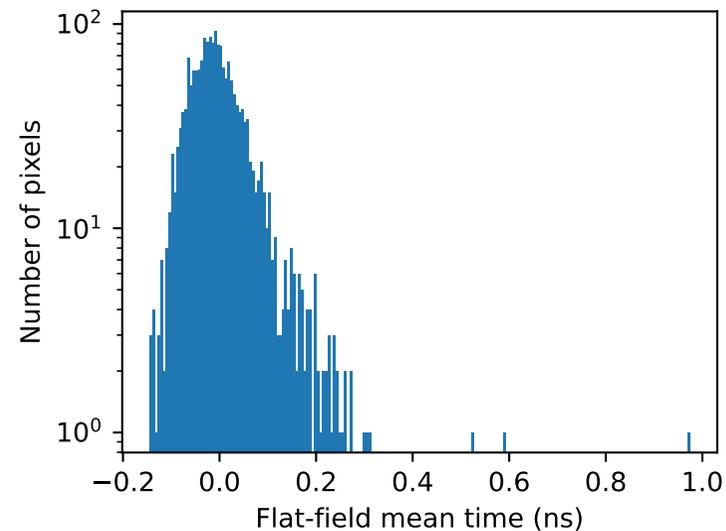
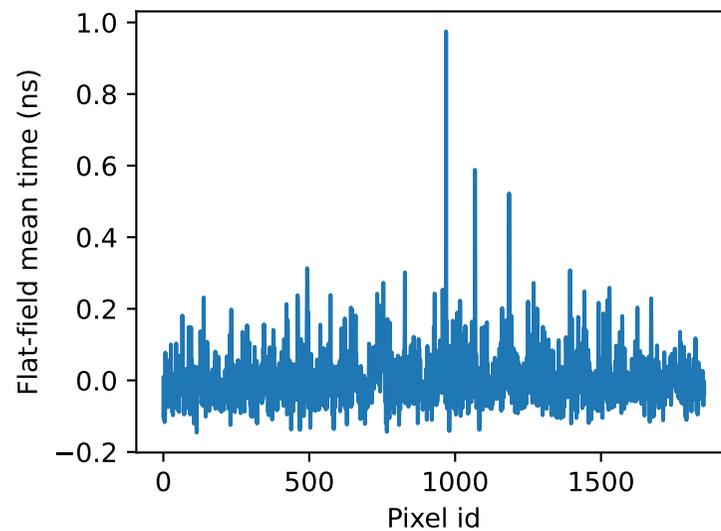
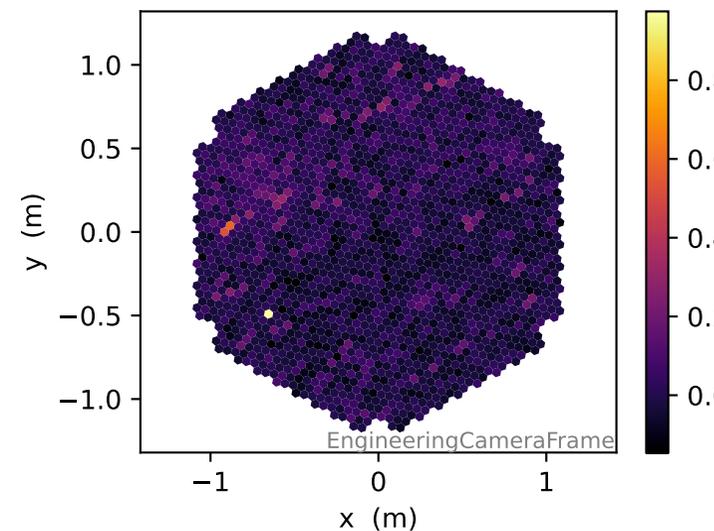


## Flat-field time std dev (ns)

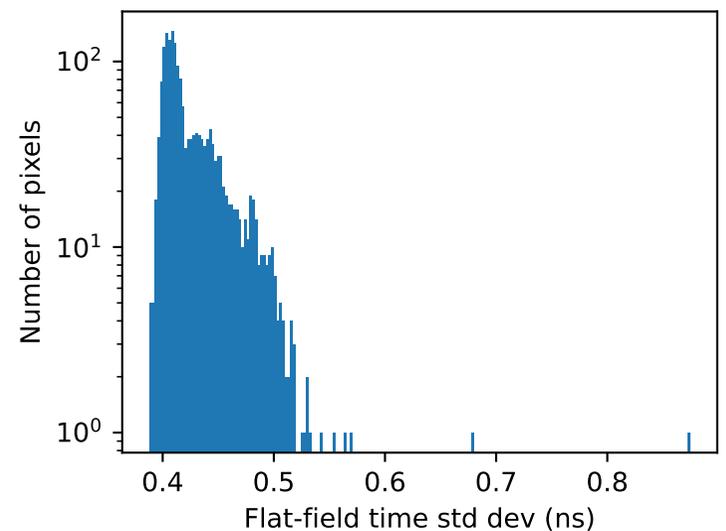
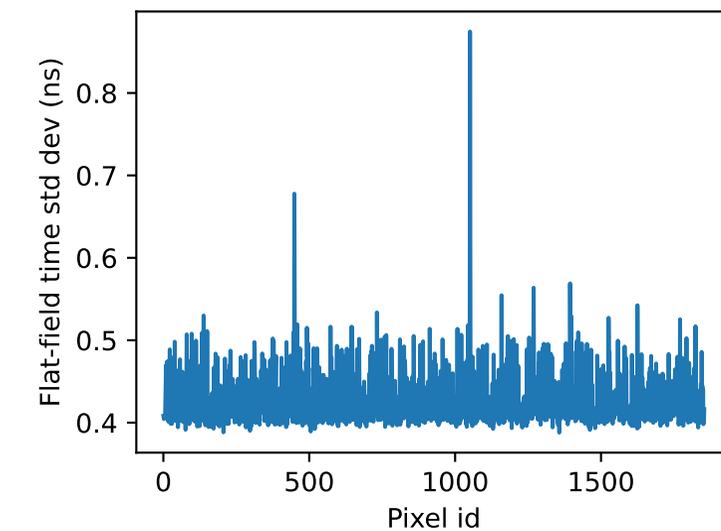
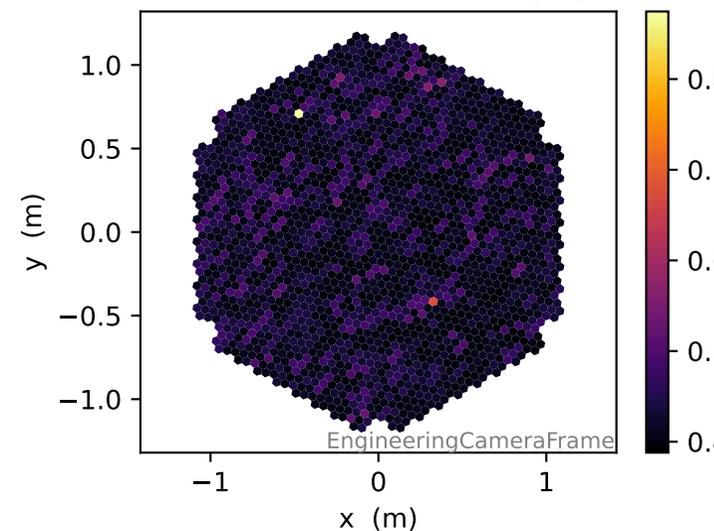


# FLATFIELD, pixel-wise pulse time relative to camera mean

### Flat-field mean time (ns)

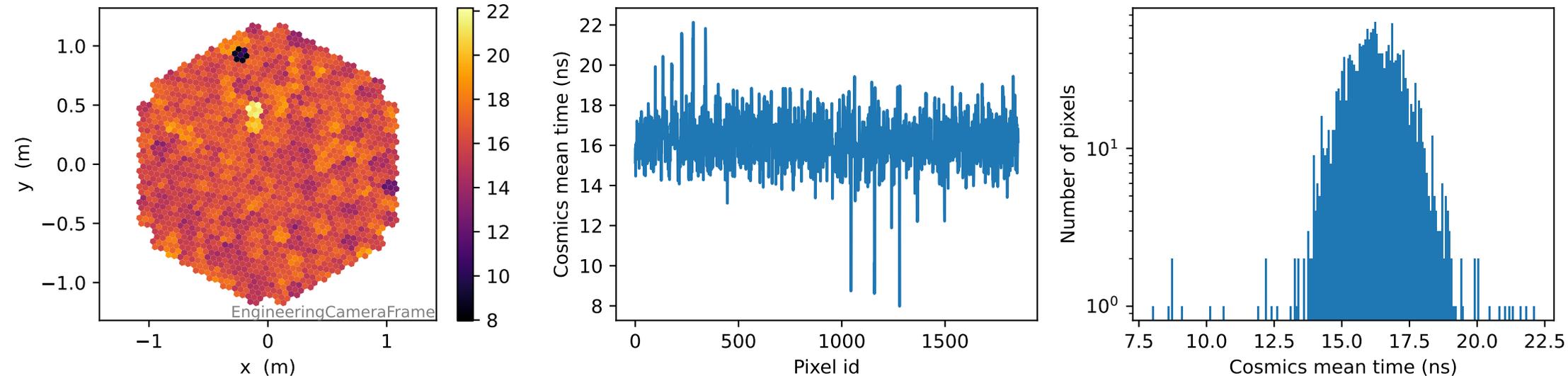


### Flat-field time std dev (ns)

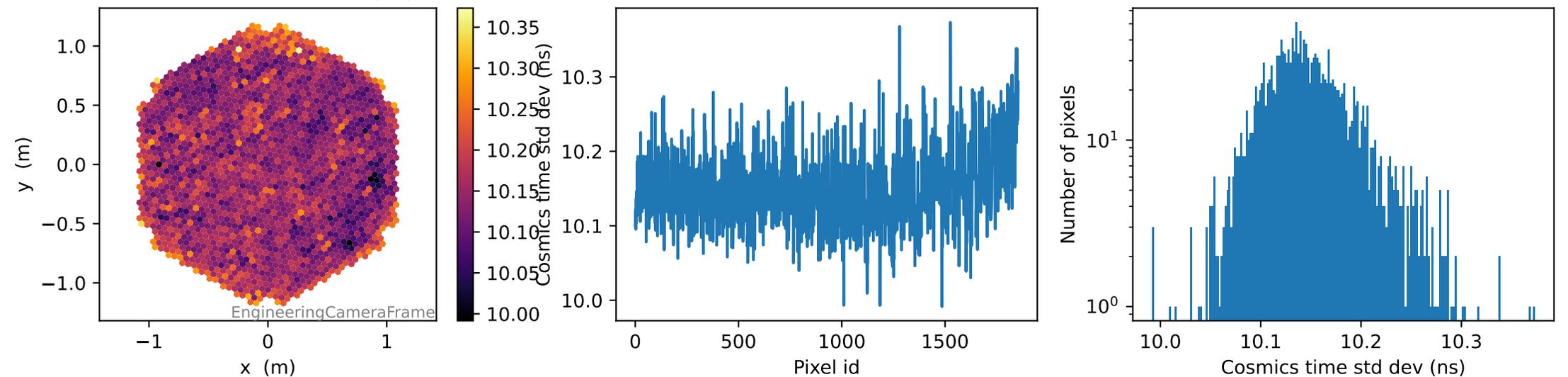


# COSMICS, pixel-wise pulse time info for pixel charge > 1 p.e.

### Cosmics mean time (ns)



### Cosmics time std dev (ns)



# COSMICS, image c.o.g. position

Image c.o.g.

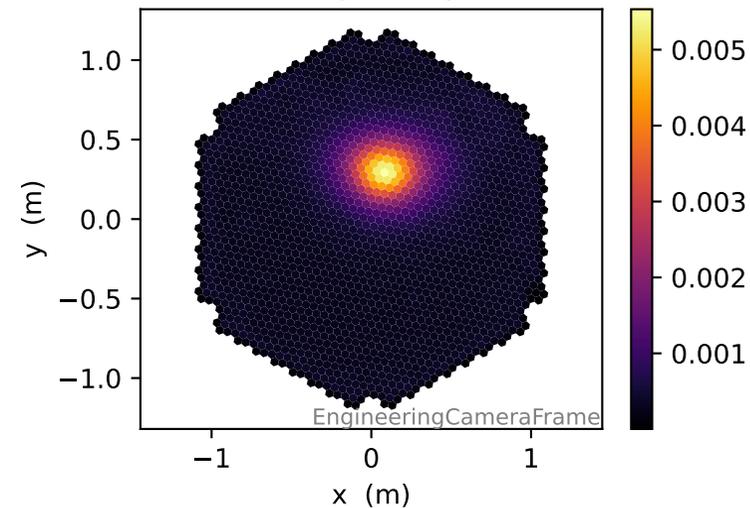


Image c.o.g.

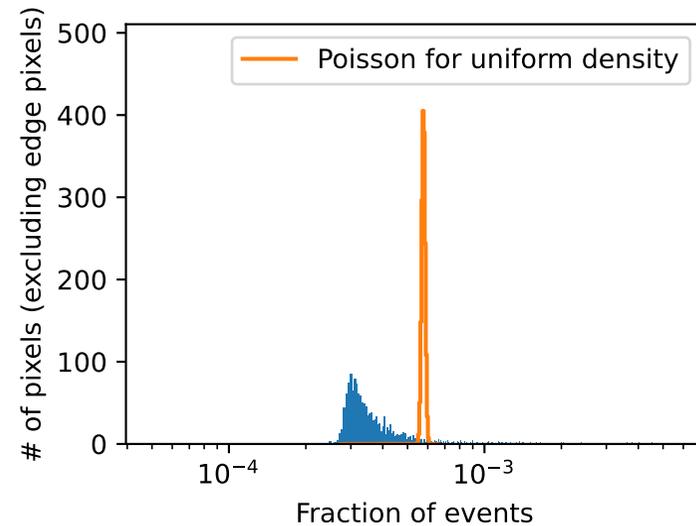
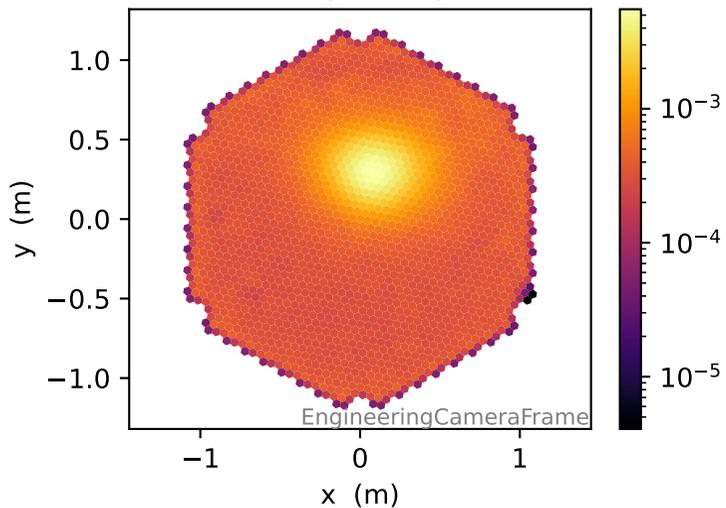


Image c.o.g., intensity > 200pe

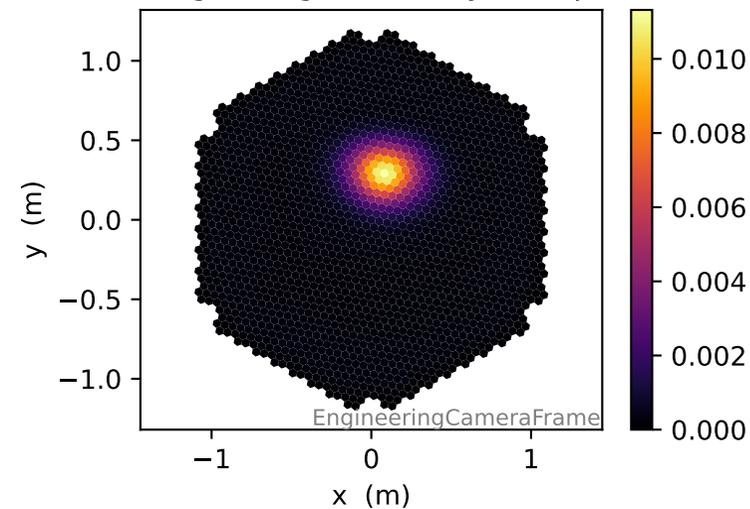
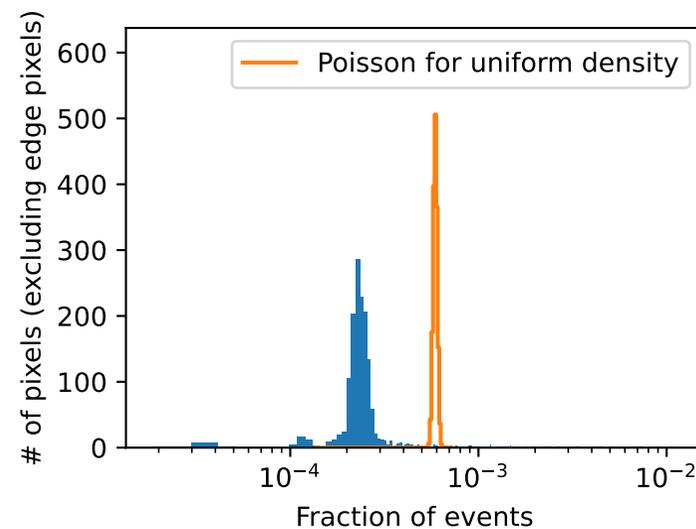
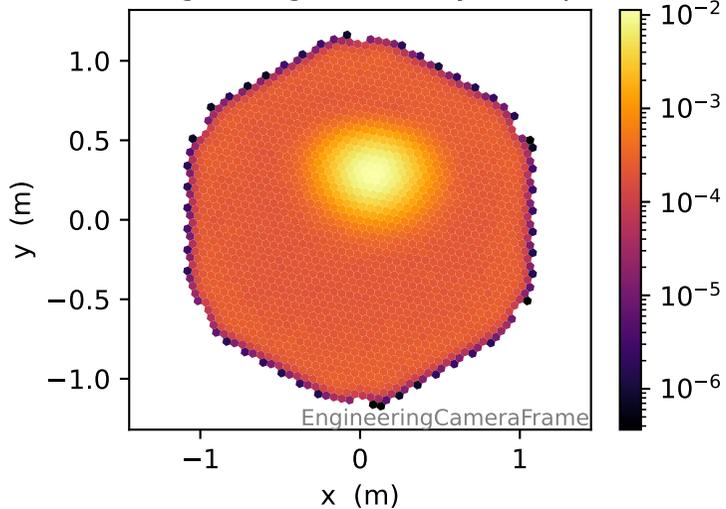
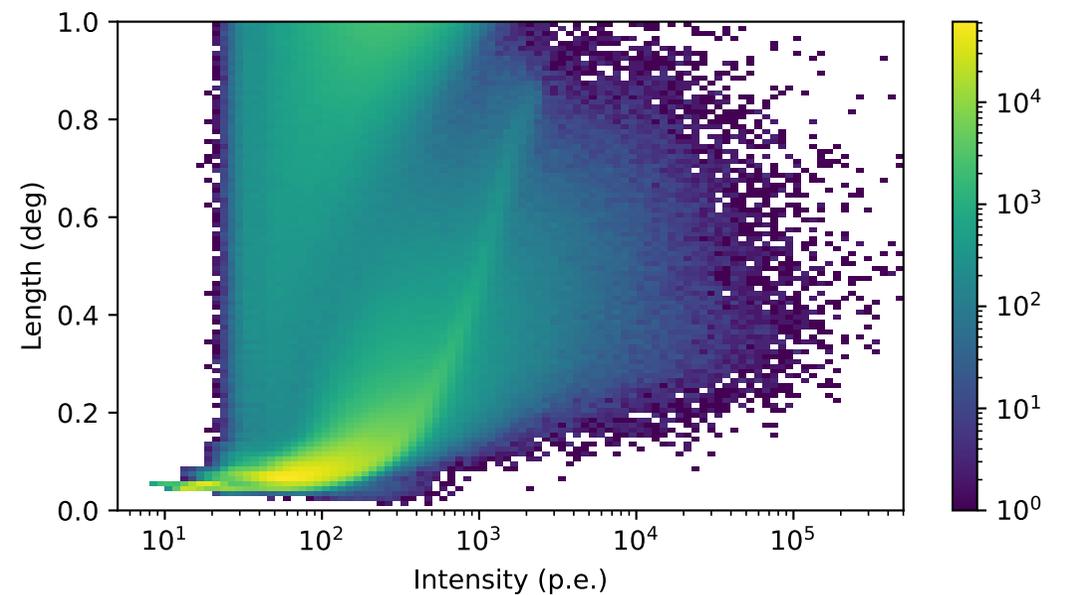
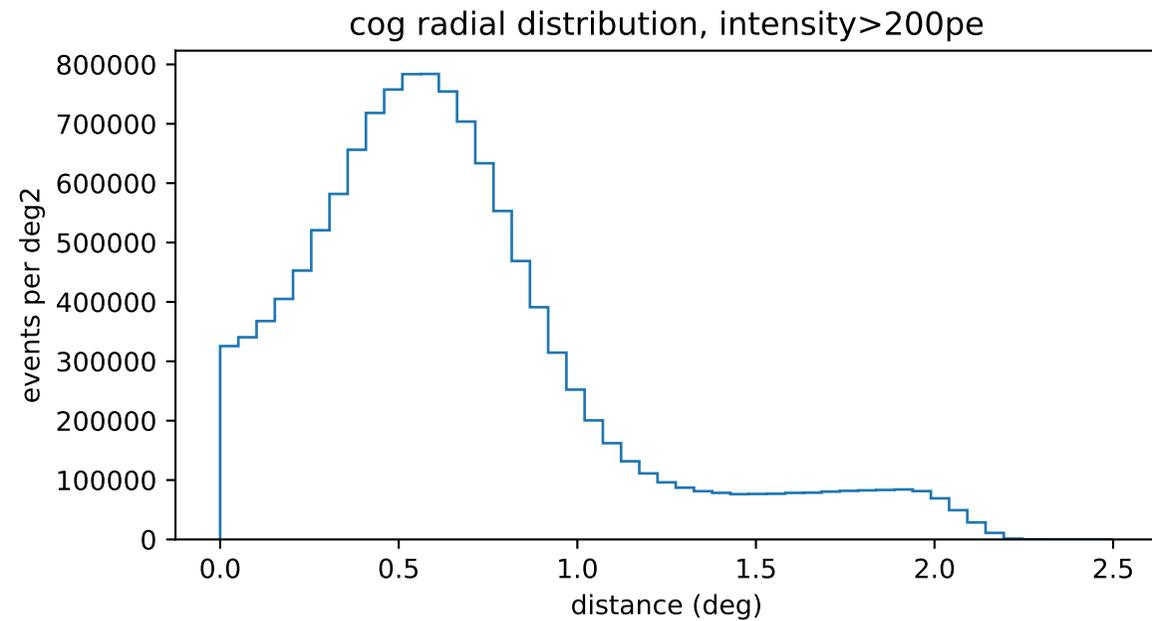
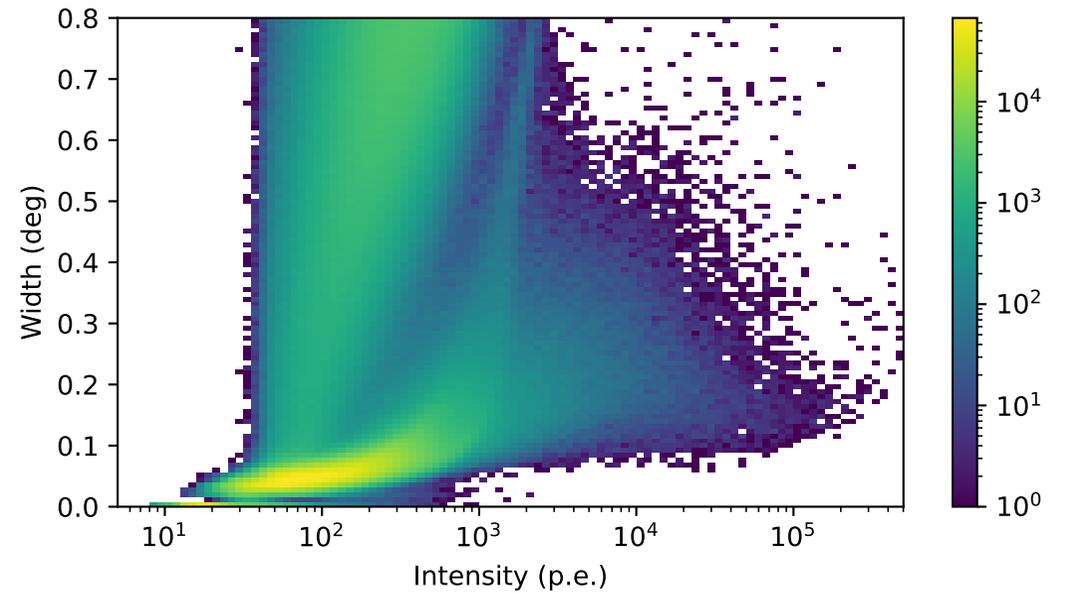
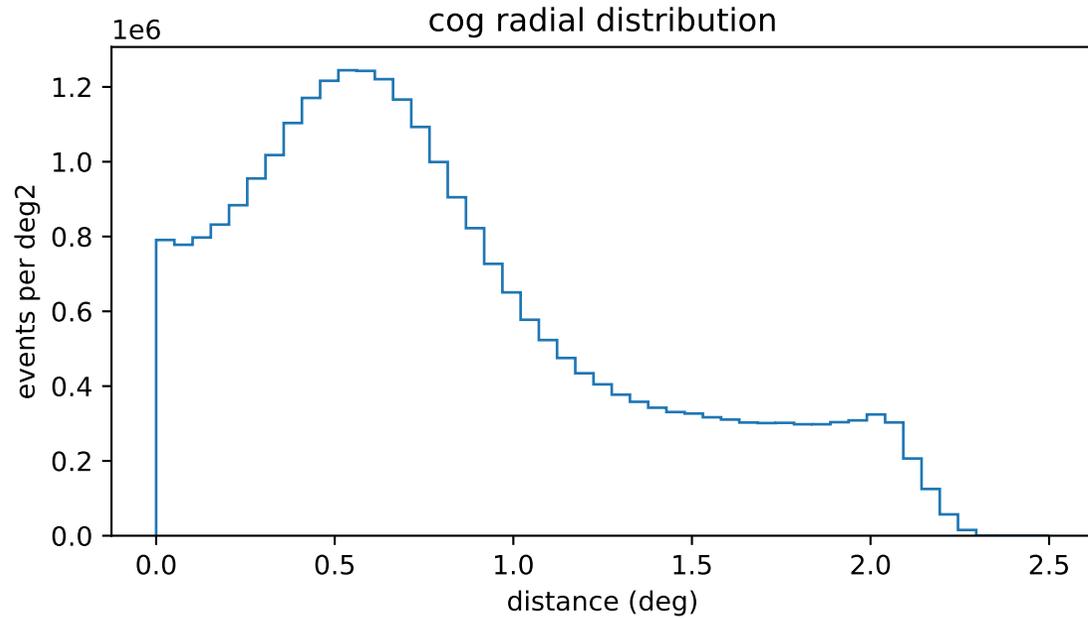


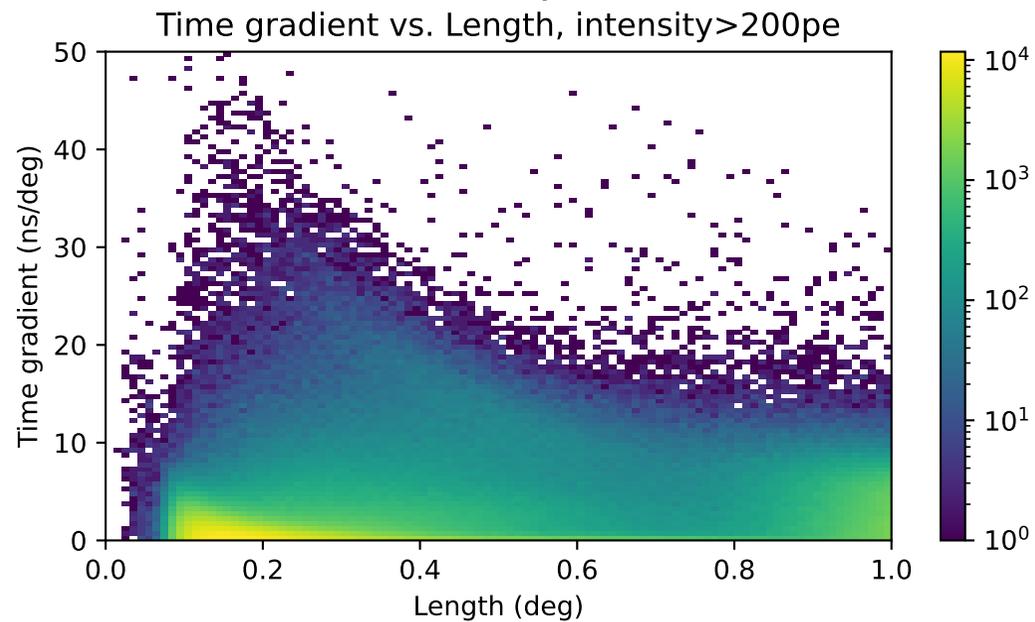
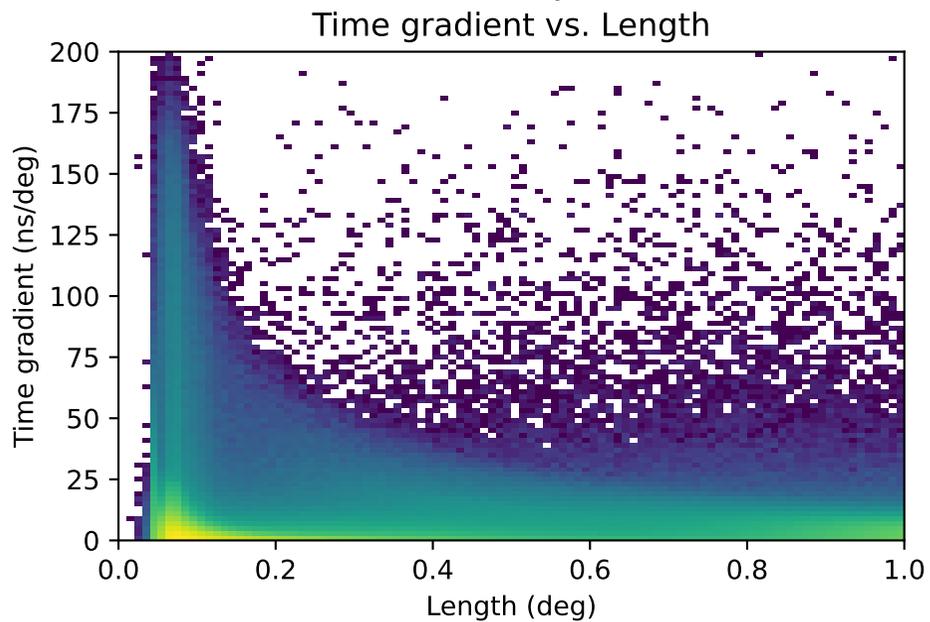
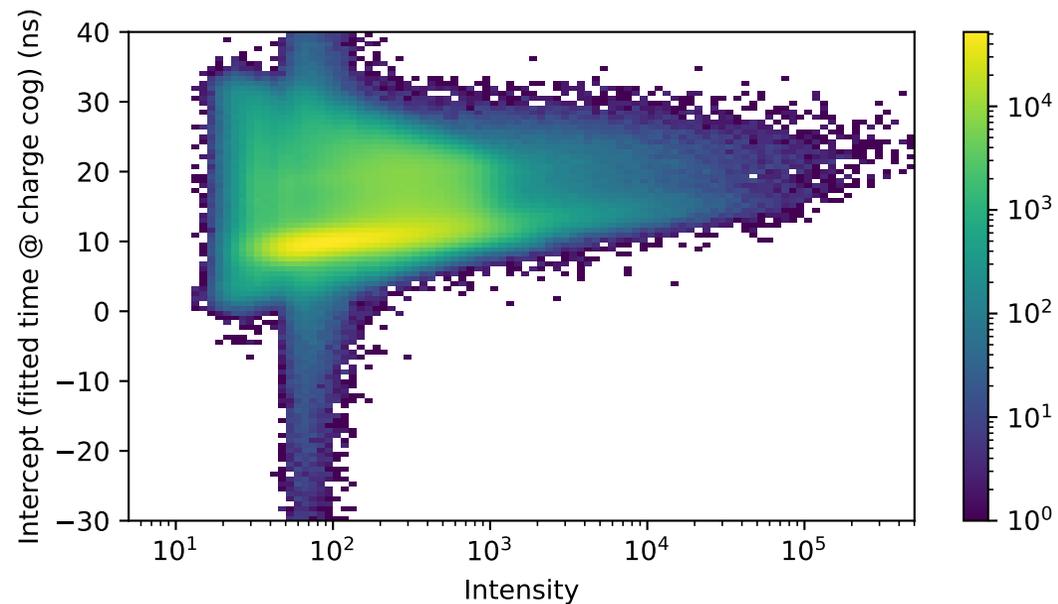
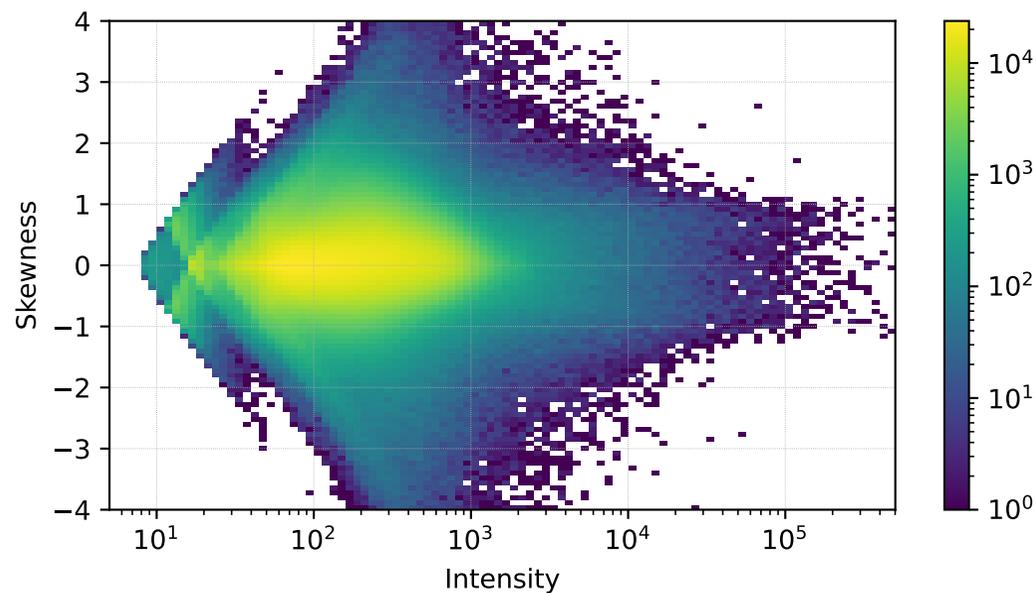
Image c.o.g., intensity > 200pe



# COSMICS, image parameters

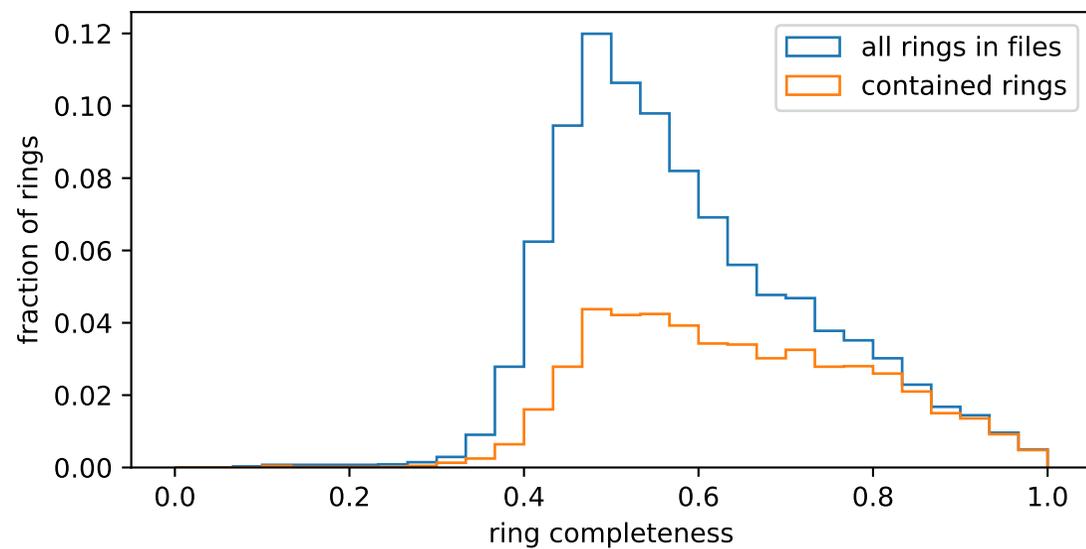
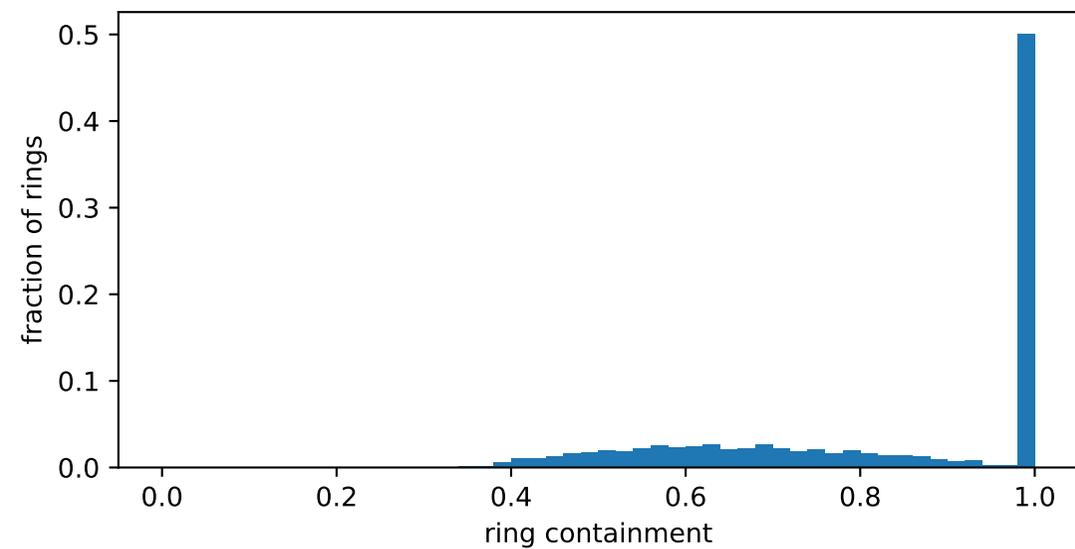
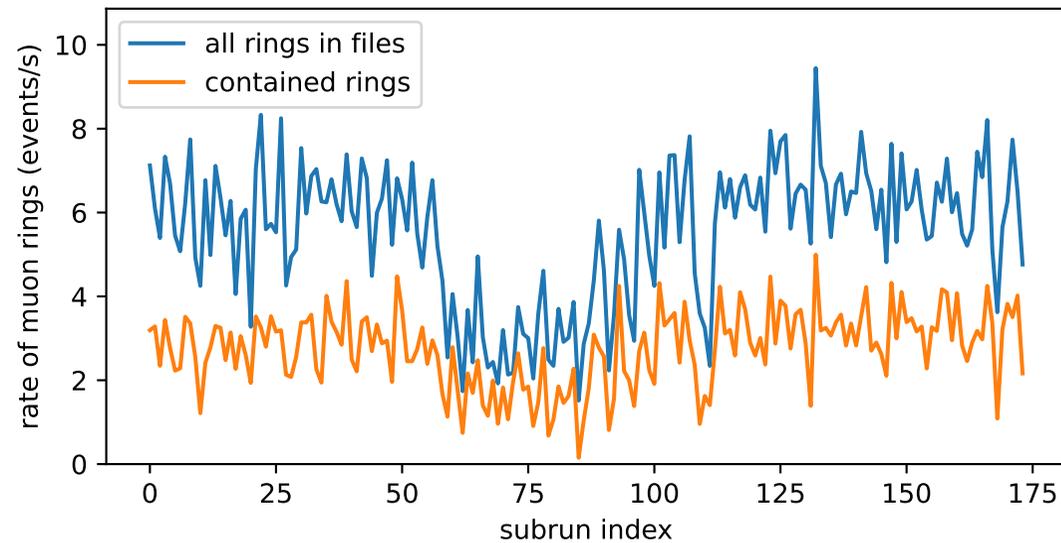
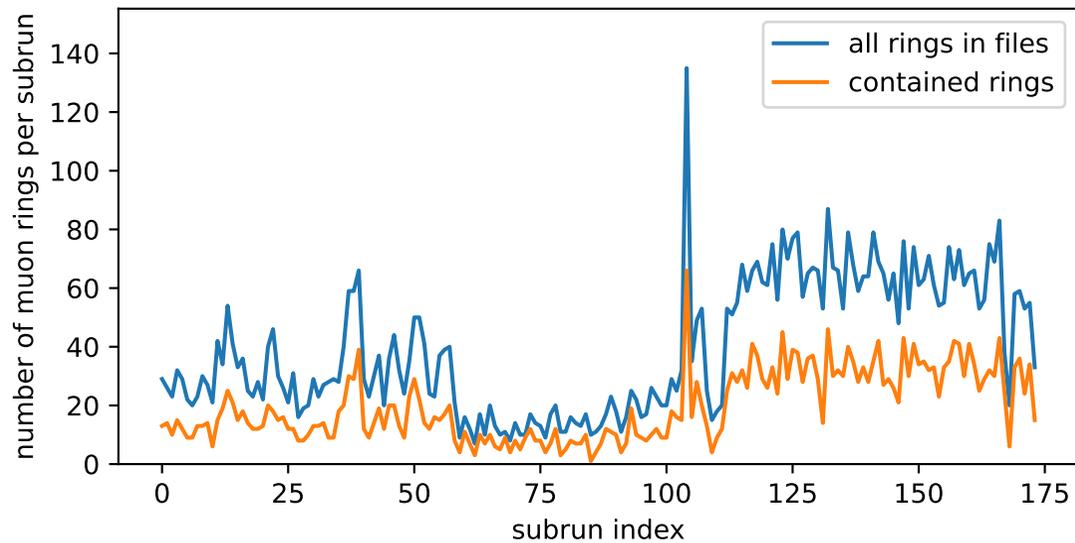


# COSMICS, image parameters

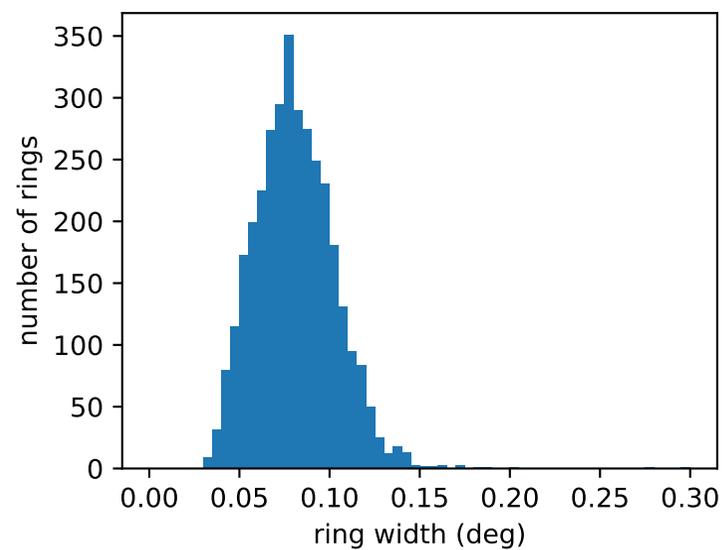
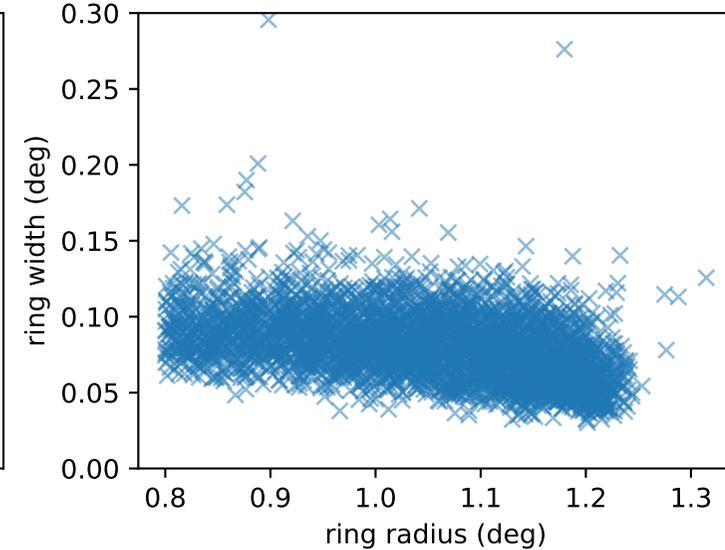
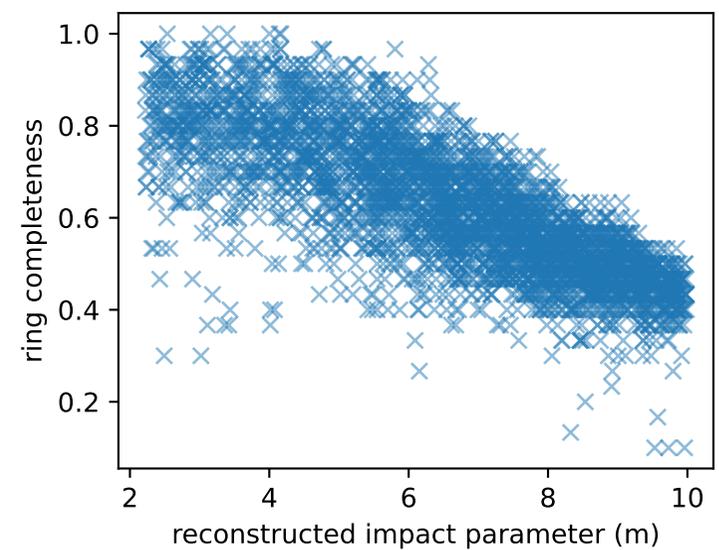
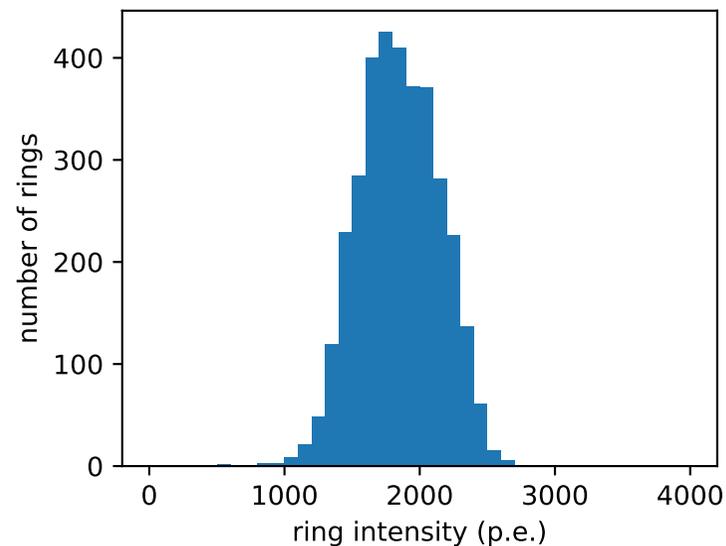
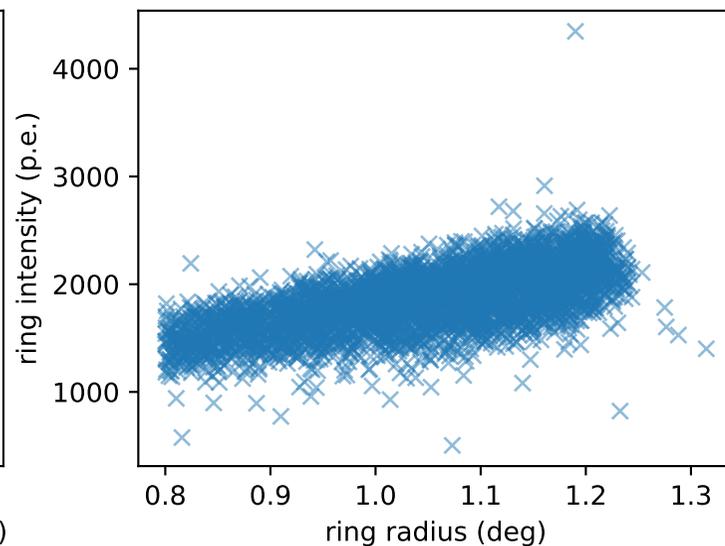
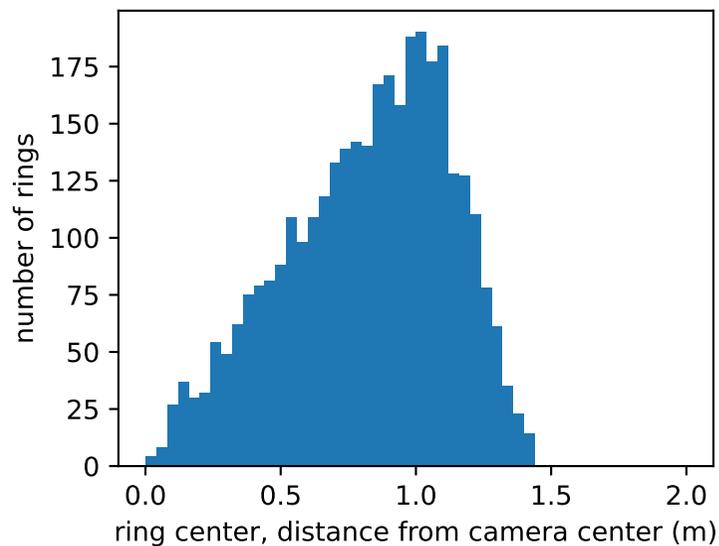




# MUON RINGS



# MUON RINGS with containment = 1



# MUON RINGS with containment = 1

