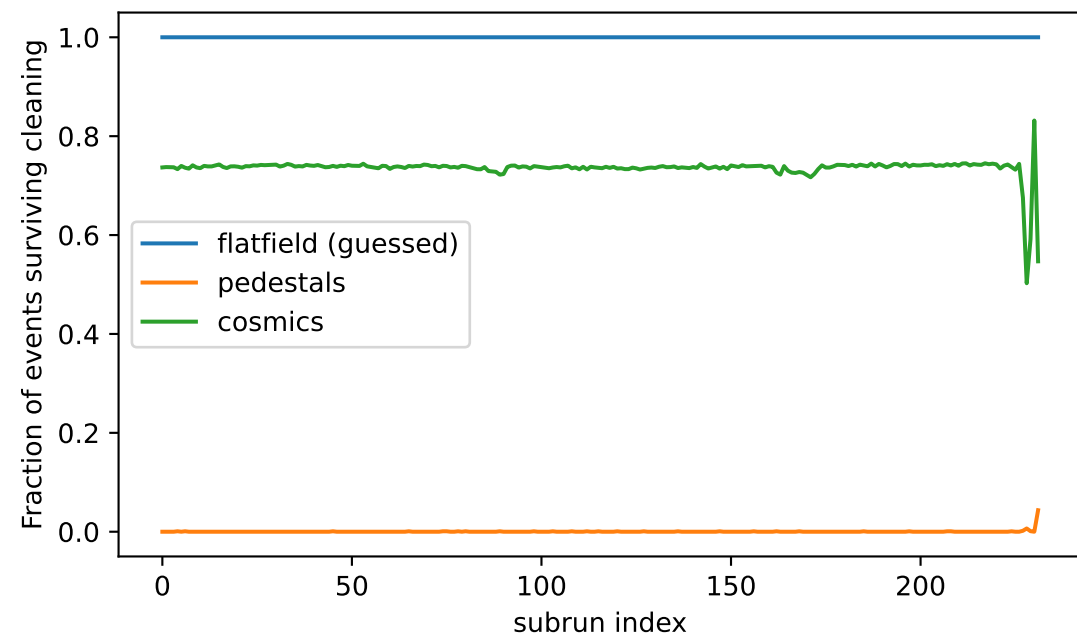
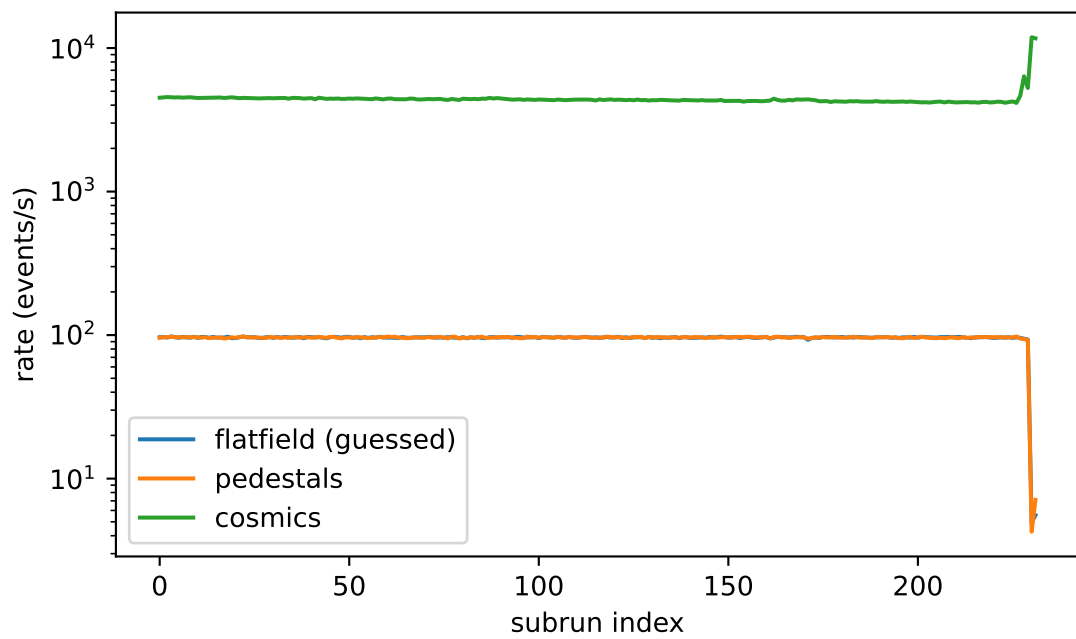
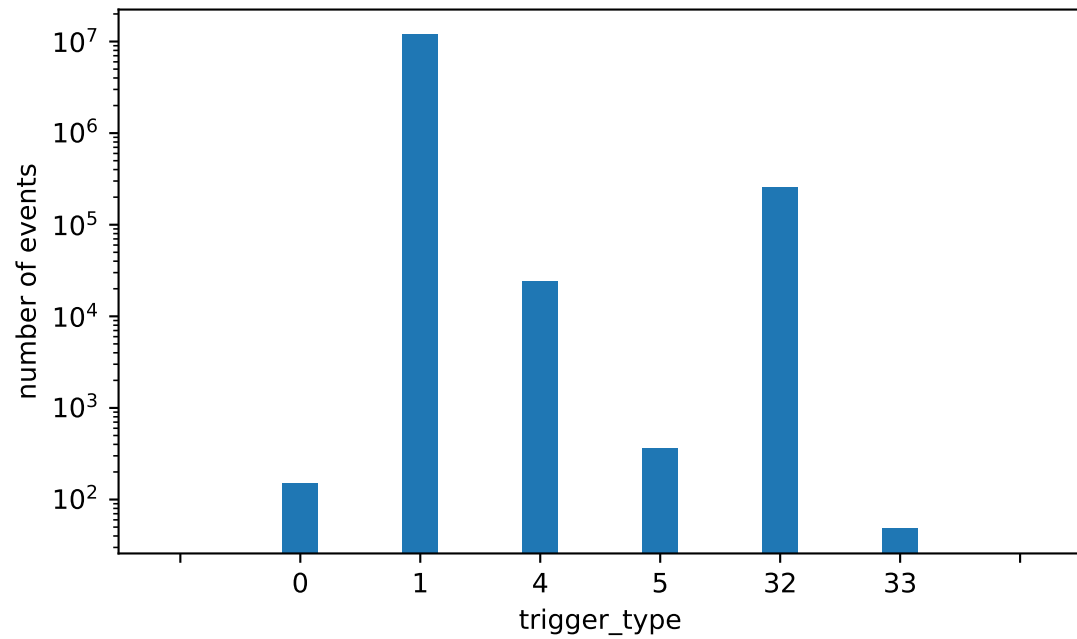
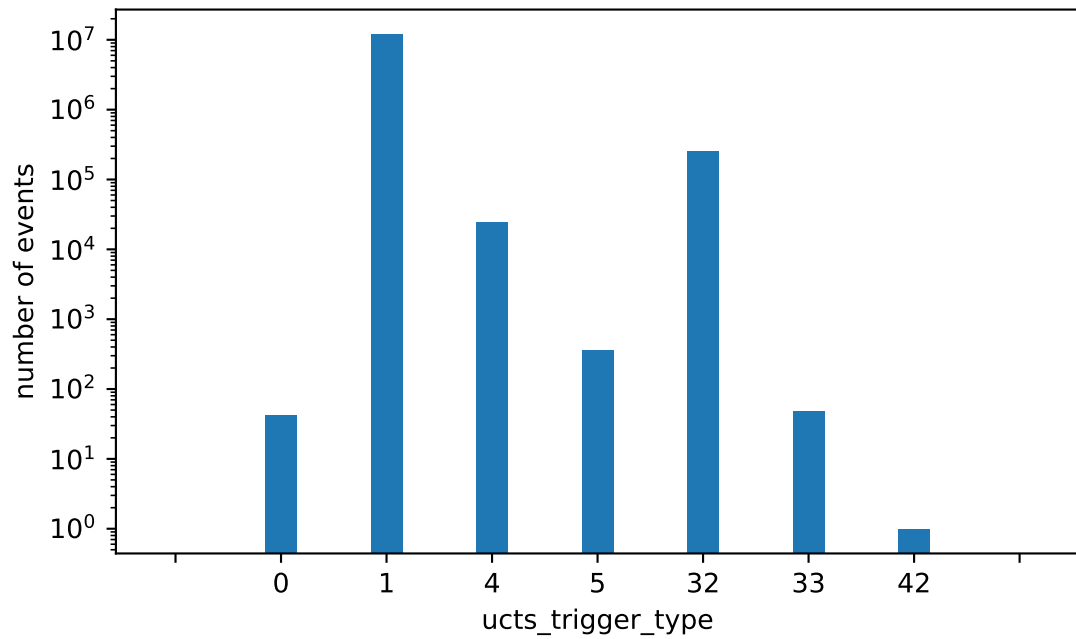
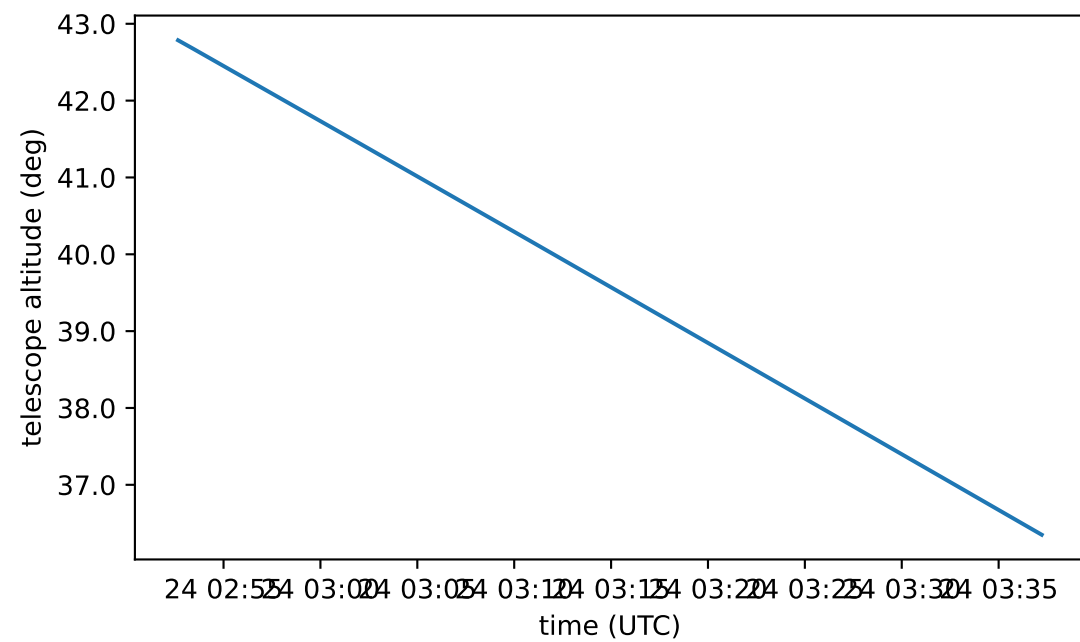
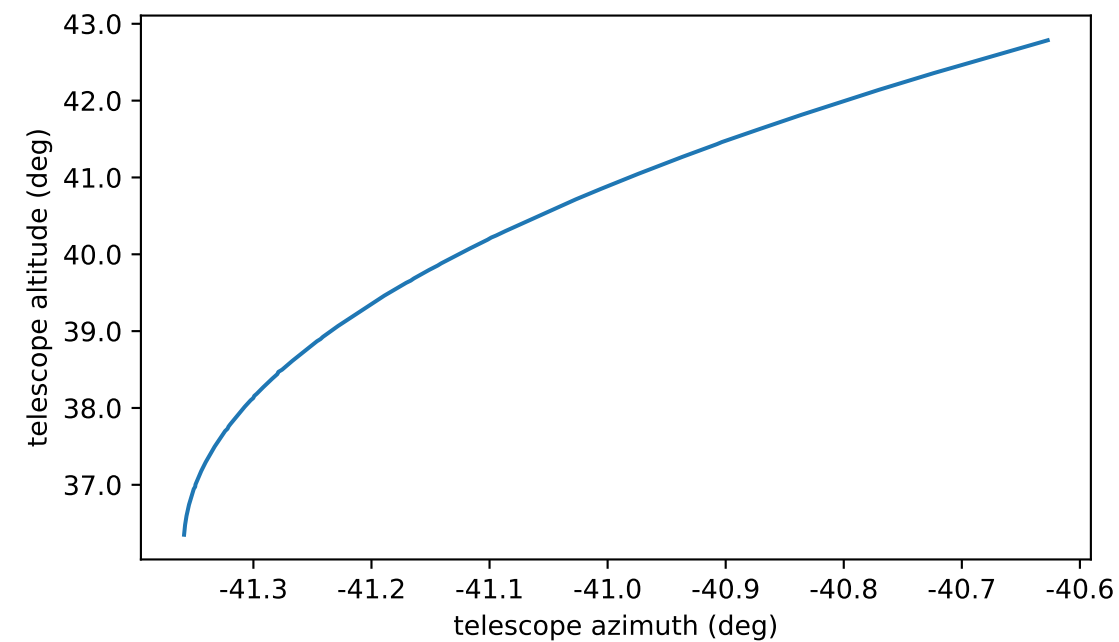
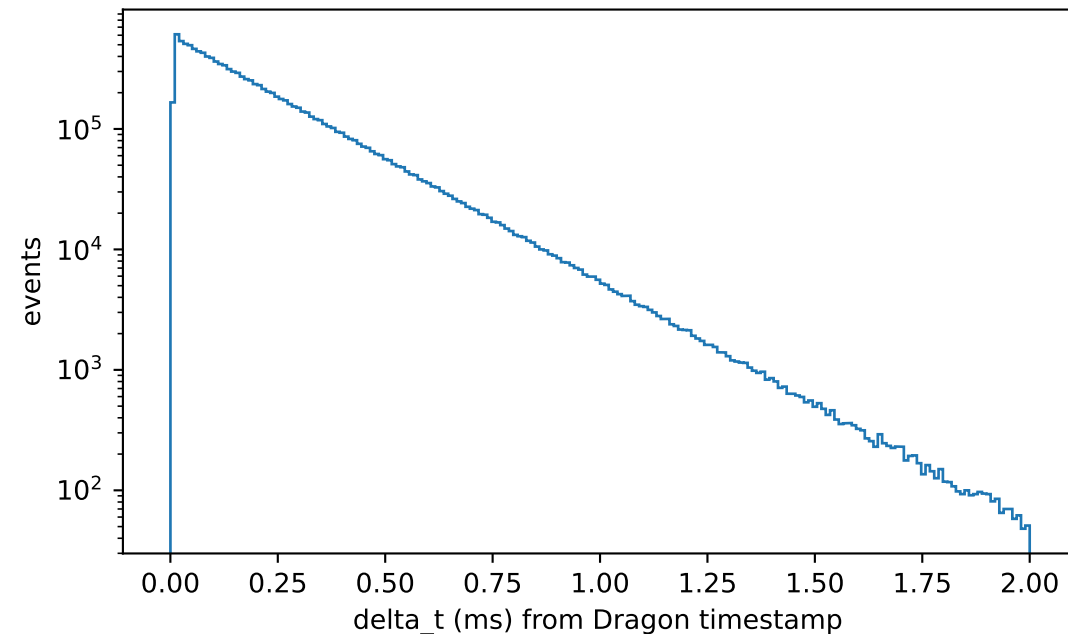
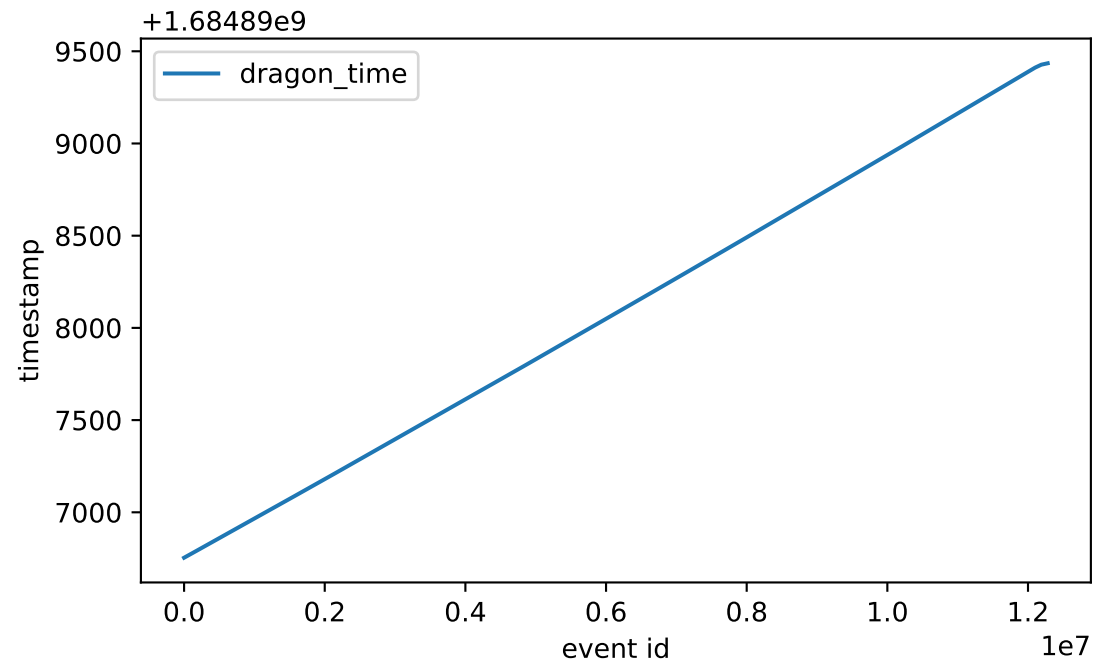


datacheck_dl1_LST-1.Run13161.h5

First shower event UTC:

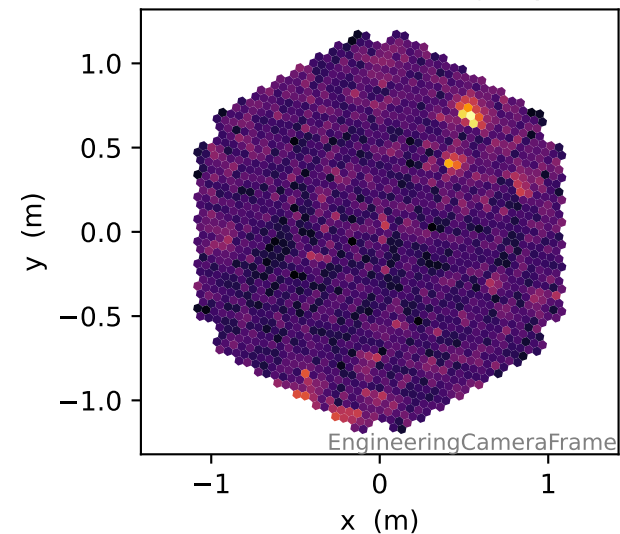
(from Dragon time): 2023-05-24 02:52:33.690568





PEDESTALS, pixel-wise charge info

Pedestal mean charge (p.e.)



Pedestal mean charge (p.e.)

3×10^0

2×10^0

1.75

2.00

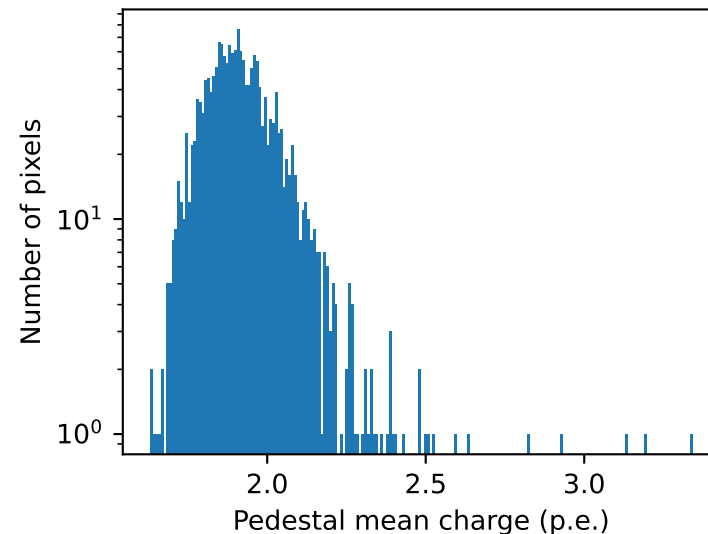
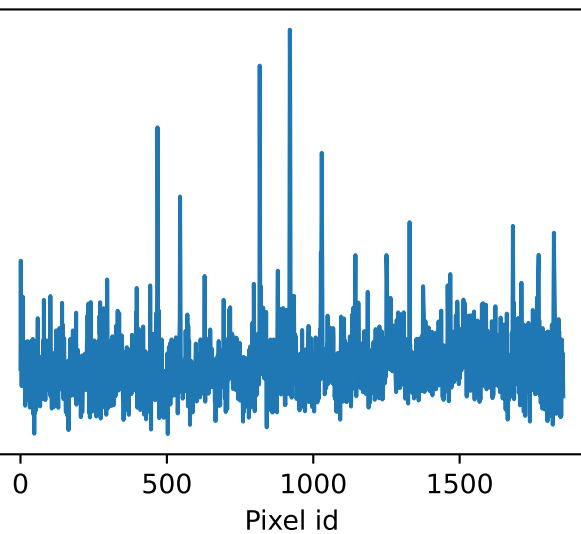
2.25

2.50

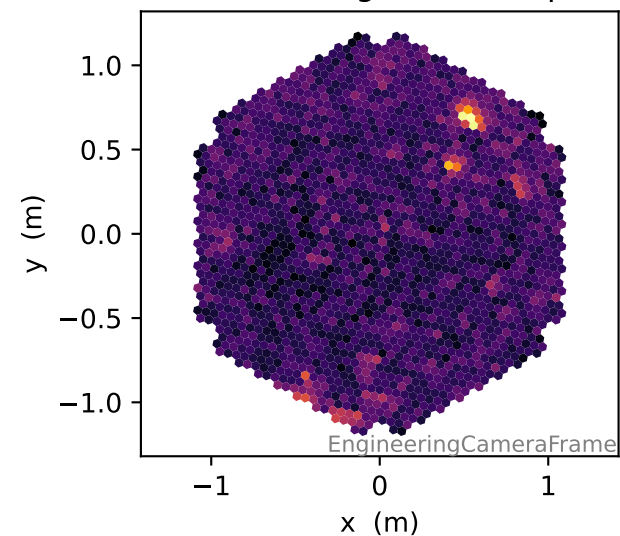
2.75

3.00

3.25



Pedestal charge std dev (p.e.)



Pedestal charge std dev (p.e.)

2.6×10^0

2.4×10^0

2.2×10^0

2×10^0

1.8×10^0

1.6×10^0

1.4×10^0

1.4

1.6

1.8

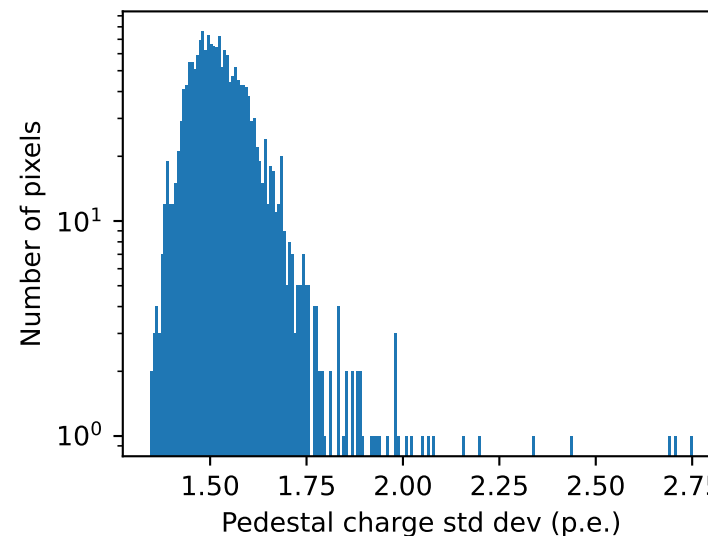
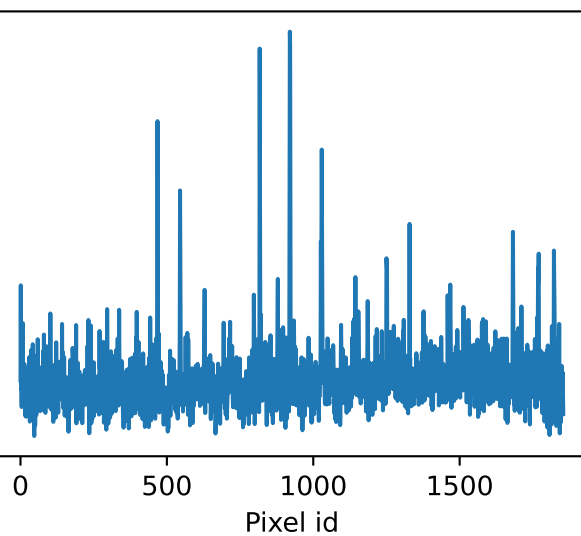
2.0

2.2

2.4

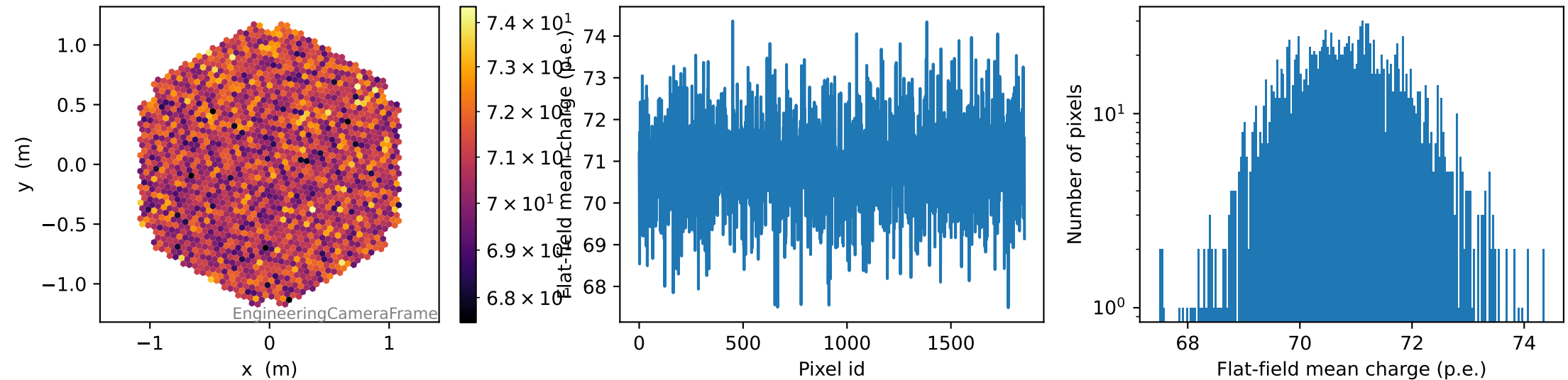
2.6

2.8

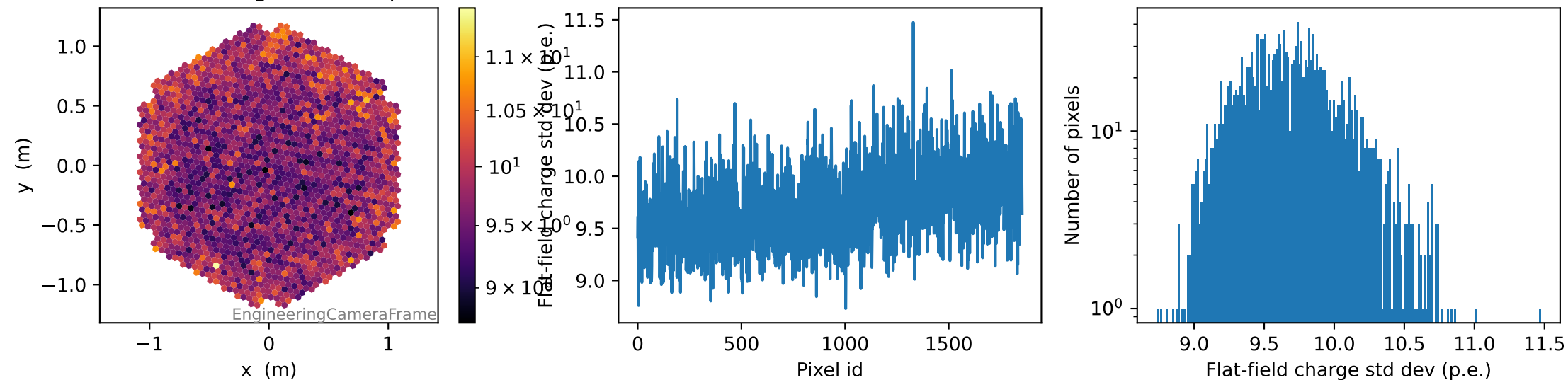


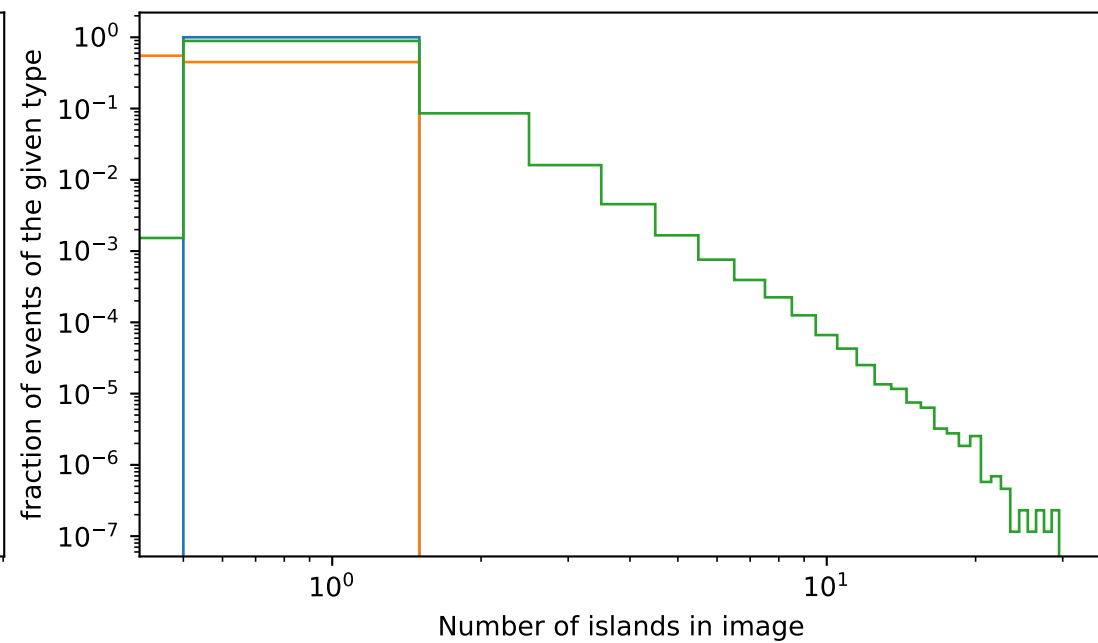
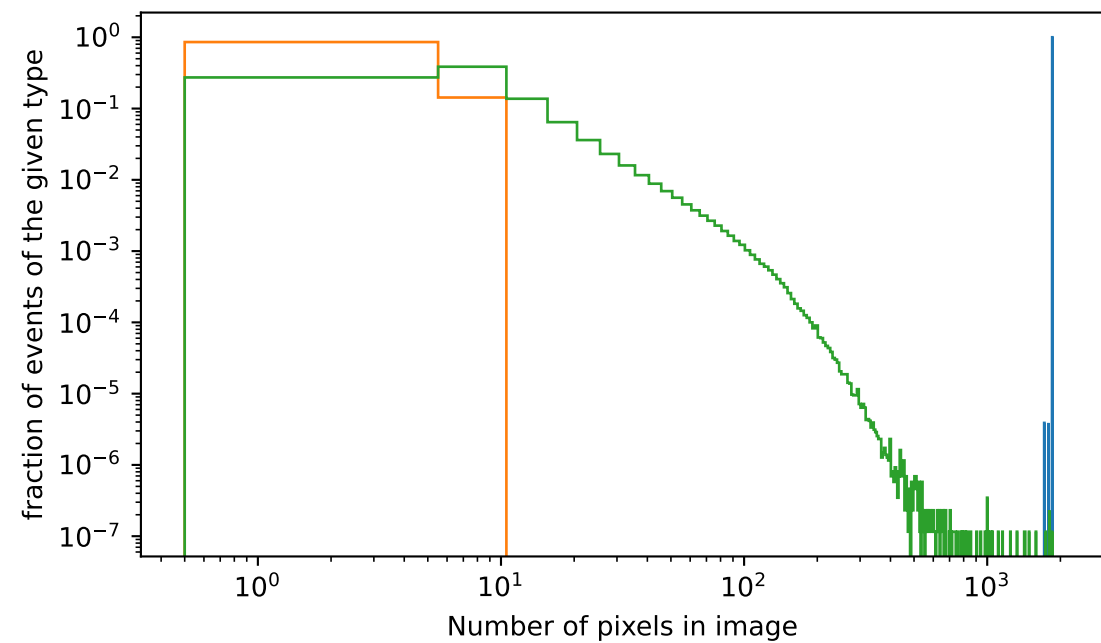
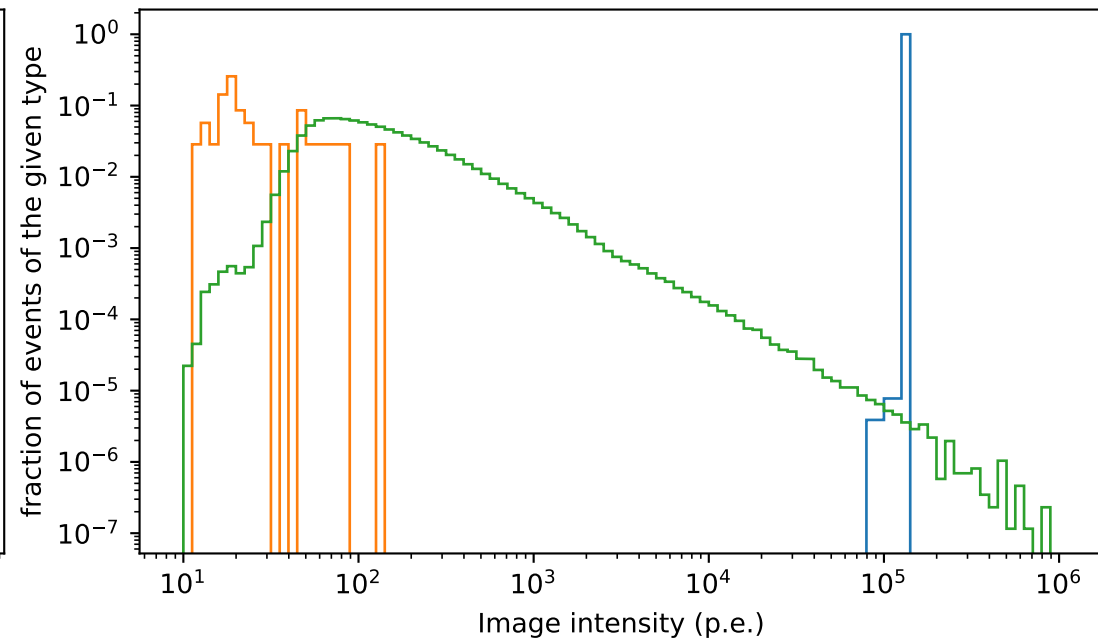
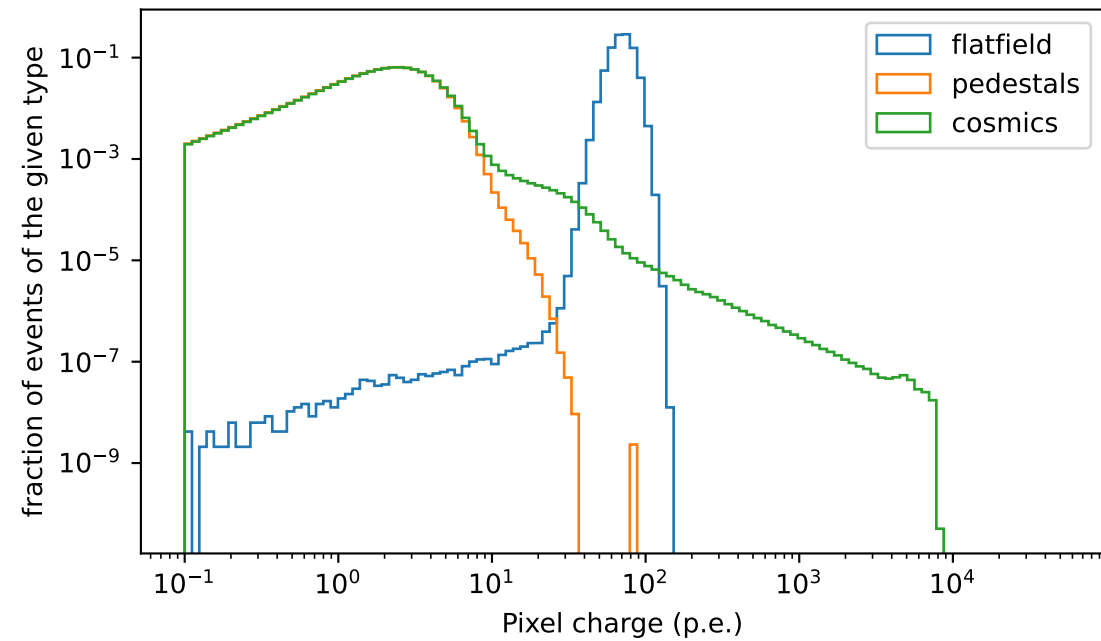
FLATFIELD, pixel-wise charge info

Flat-field mean charge (p.e.)



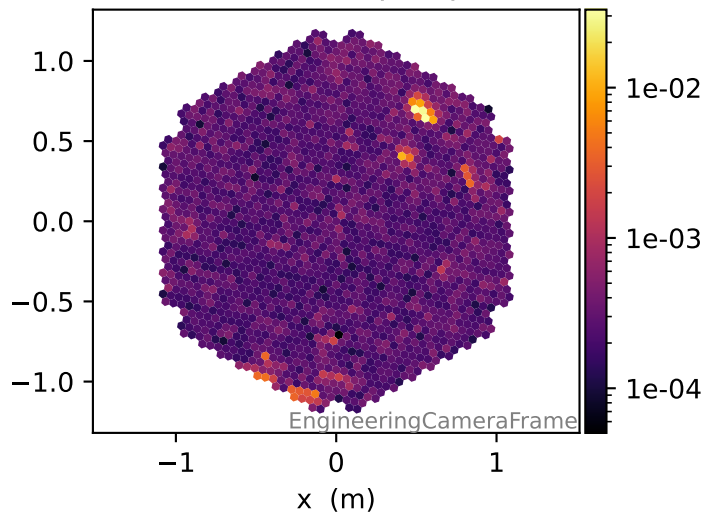
Flat-field charge std dev (p.e.)



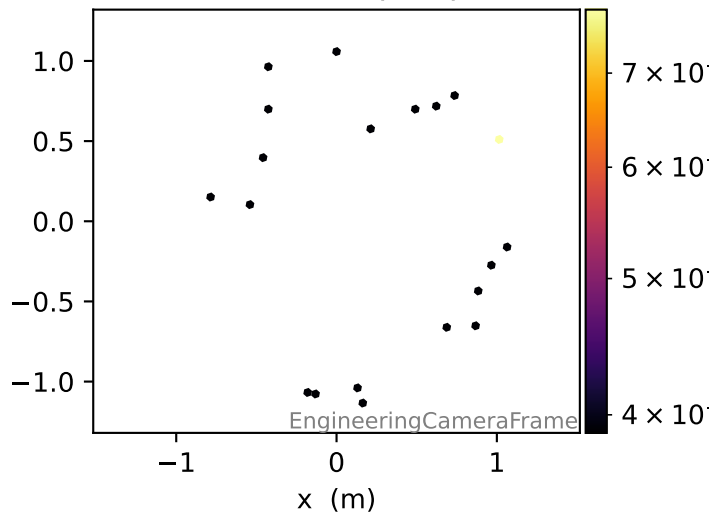


PEDESTALS, relative frequency of pixel charges

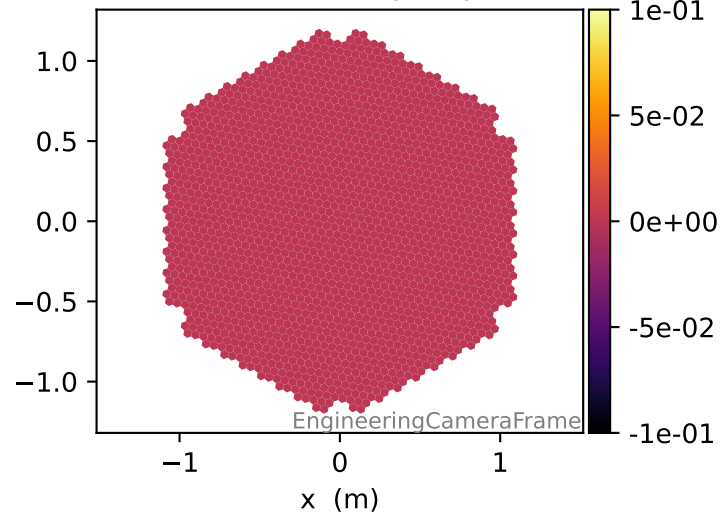
Fraction of >10 p.e. pulses



Fraction of >30 p.e. pulses



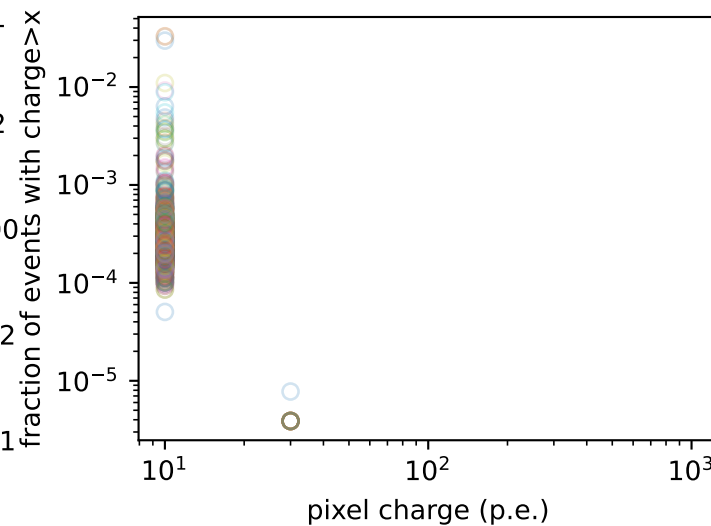
Fraction of >100 p.e. pulses



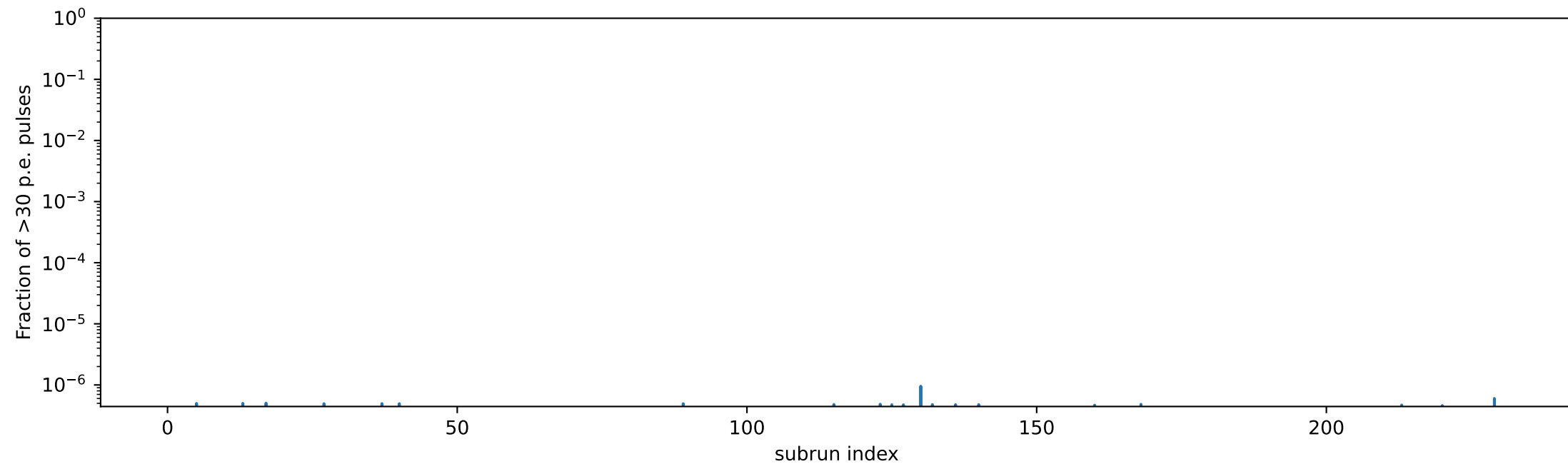
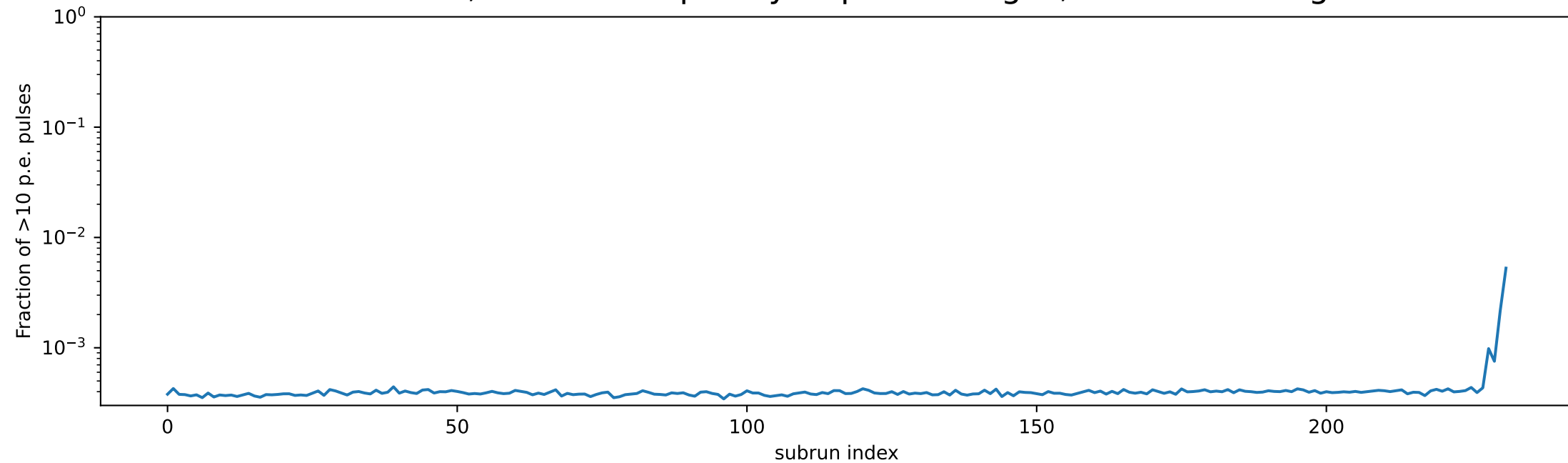
Fraction of >300 p.e. pulses



Fraction of >1000 p.e. pulses

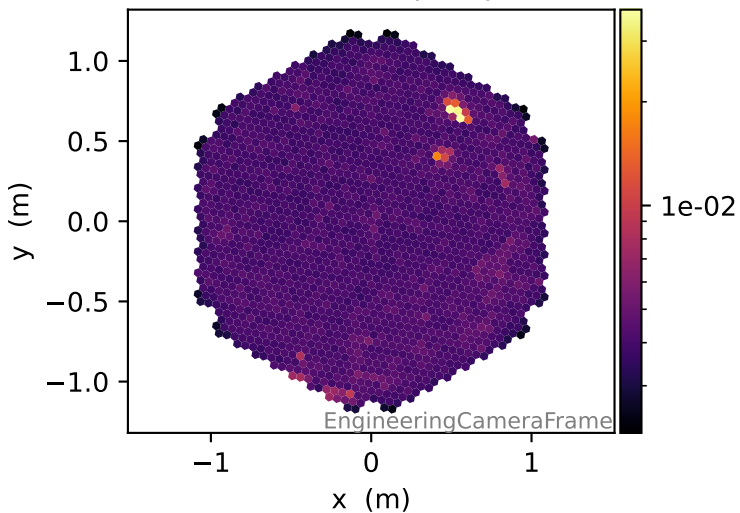


PEDESTALS, relative frequency of pixel charges, camera averages

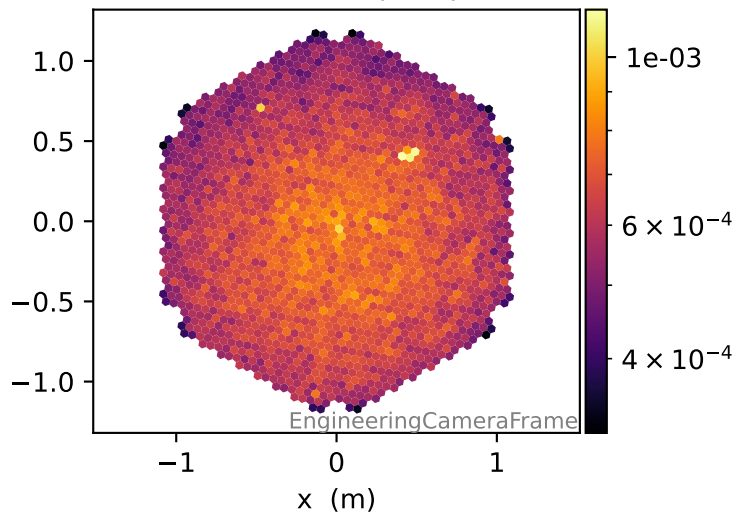


COSMICS, relative frequency of pixel charges

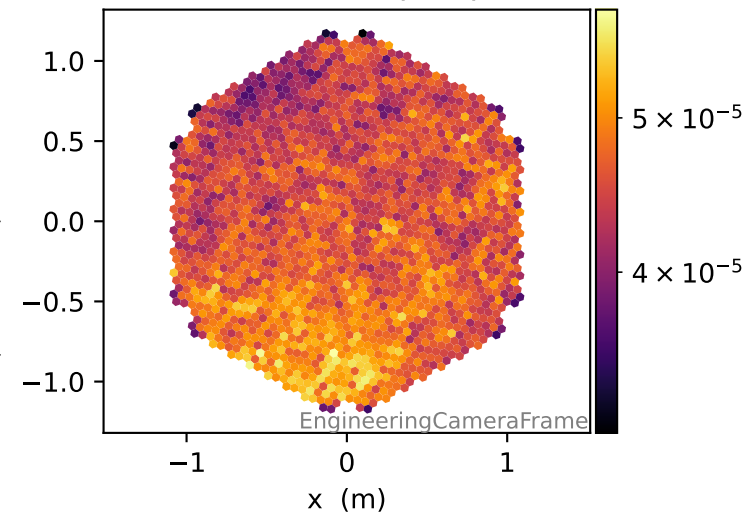
Fraction of >10 p.e. pulses



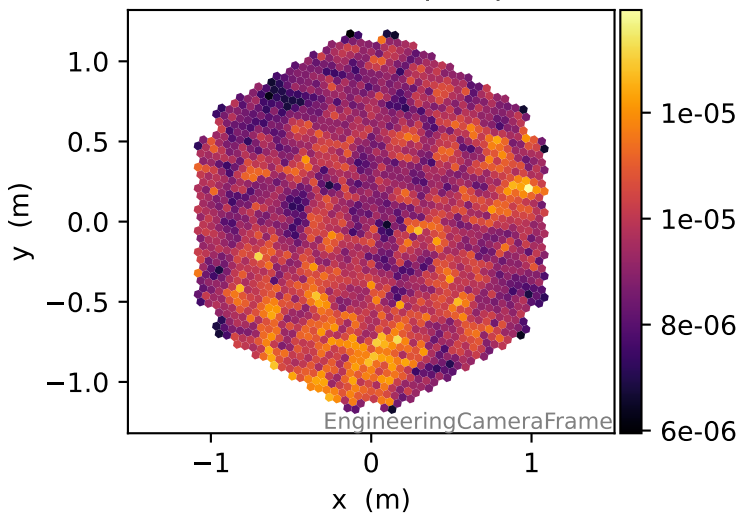
Fraction of >30 p.e. pulses



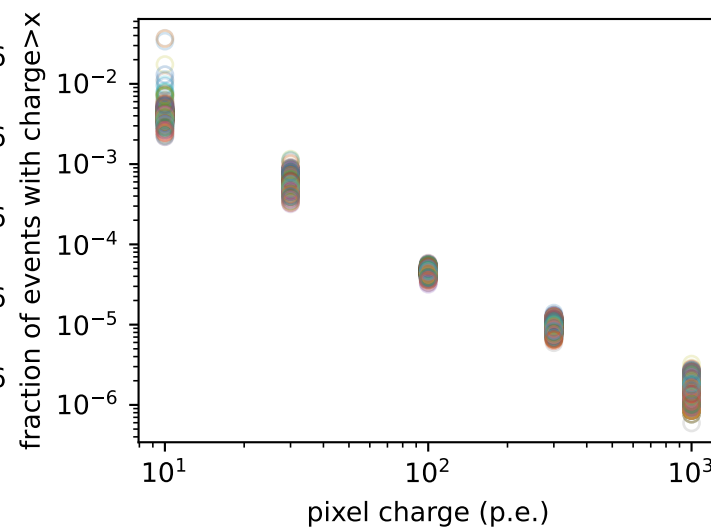
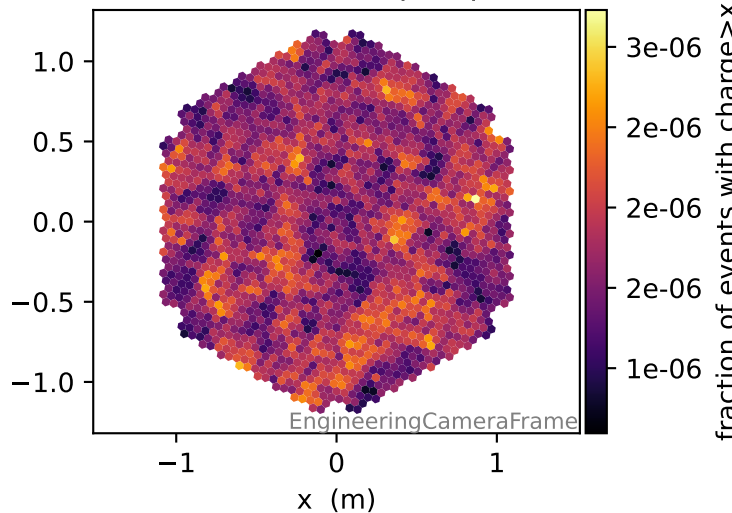
Fraction of >100 p.e. pulses



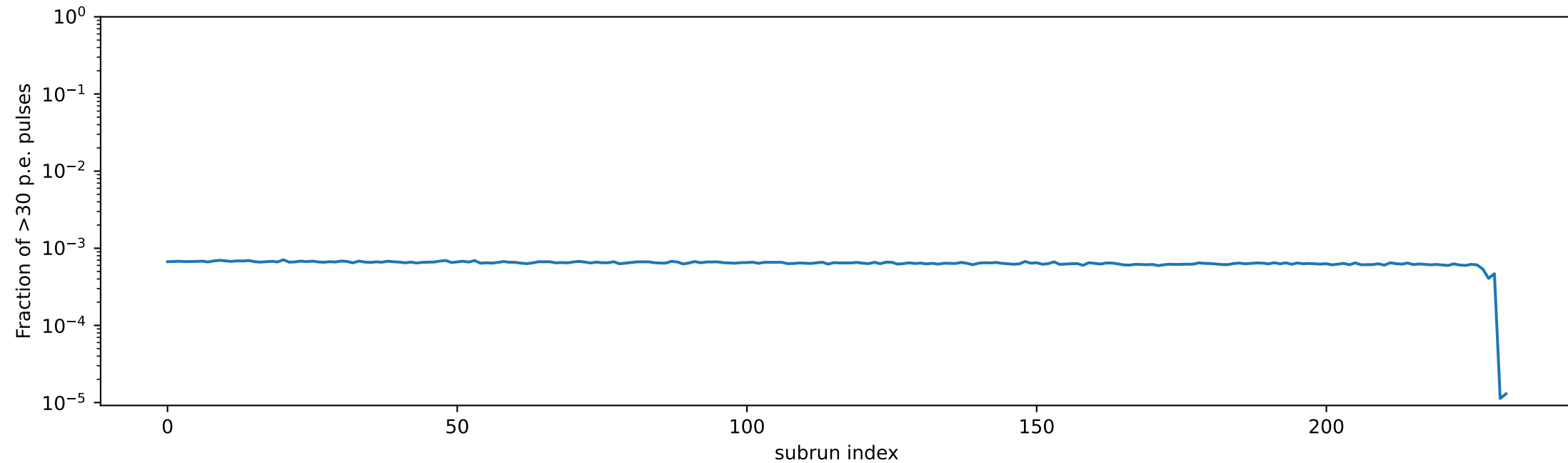
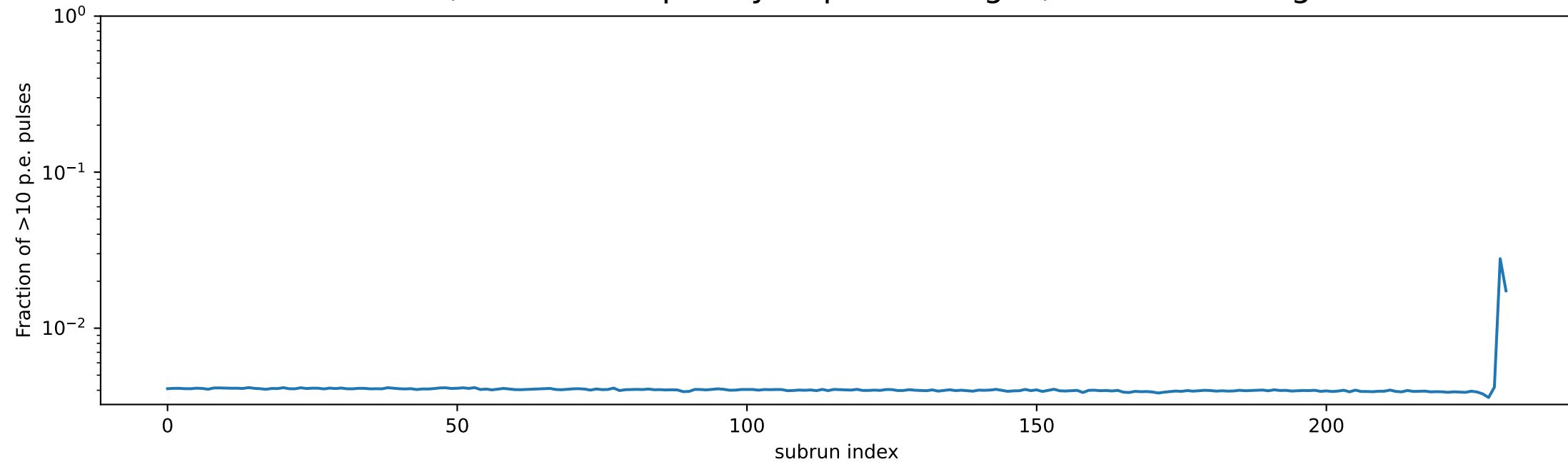
Fraction of >300 p.e. pulses



Fraction of >1000 p.e. pulses

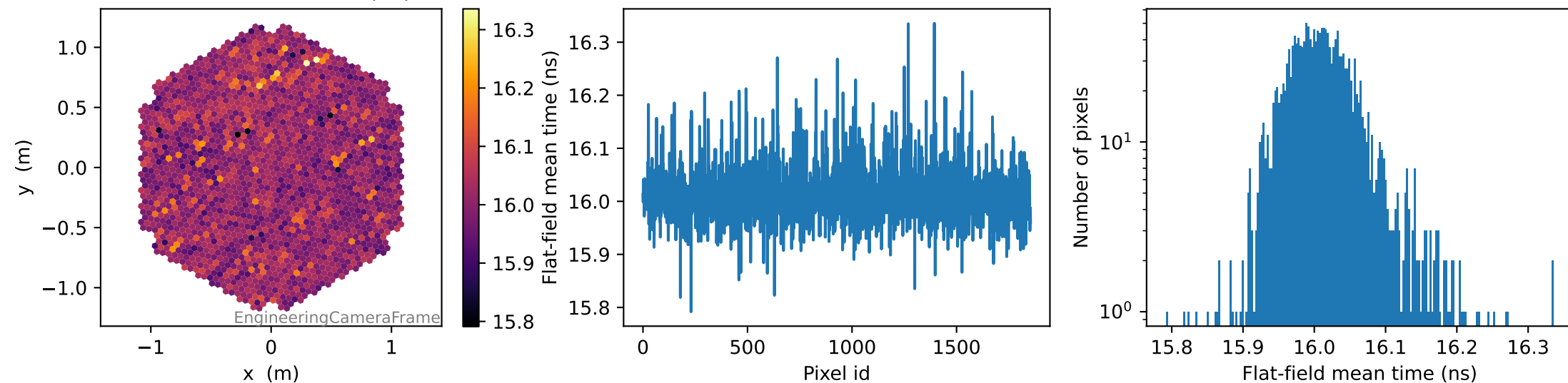


COSMICS, relative frequency of pixel charges, camera averages

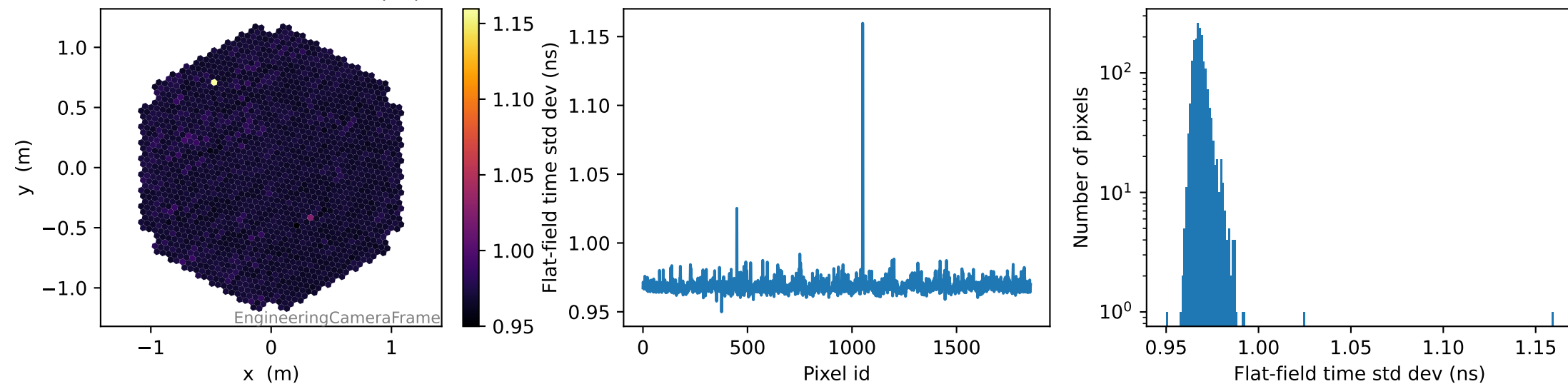


FLATFIELD, pixel-wise pulse time info

Flat-field mean time (ns)

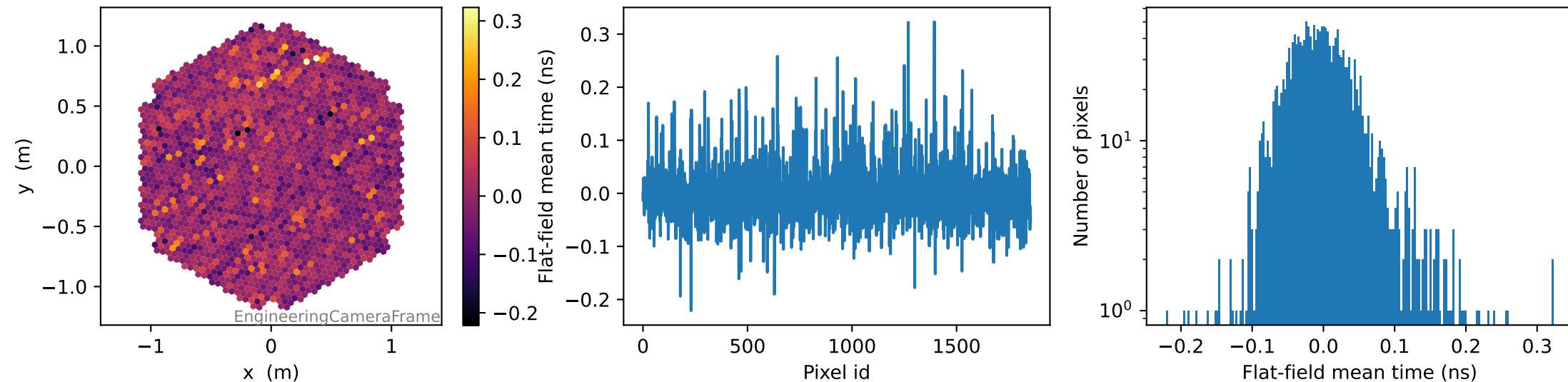


Flat-field time std dev (ns)

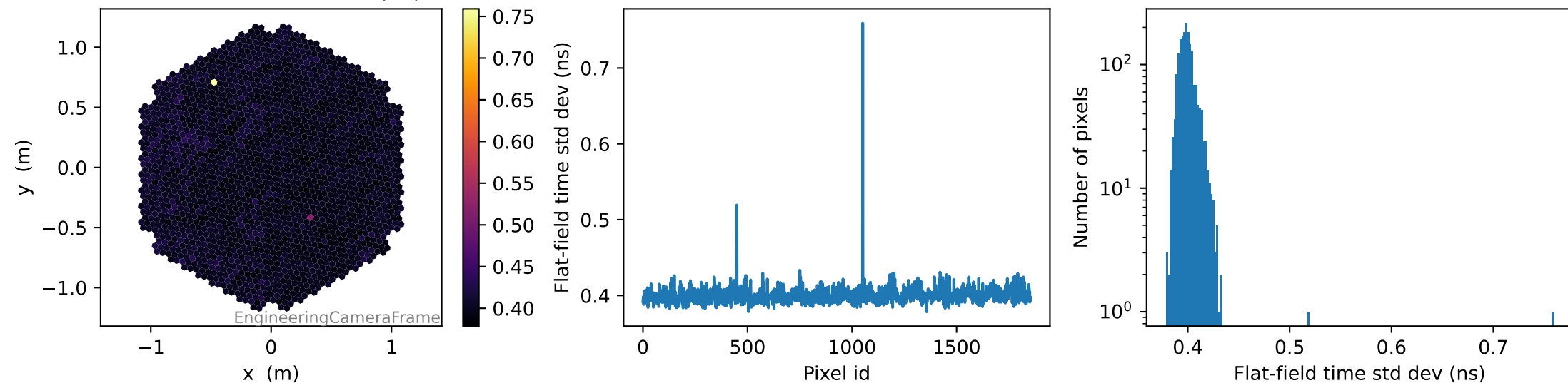


FLATFIELD, pixel-wise pulse time relative to camera mean

Flat-field mean time (ns)

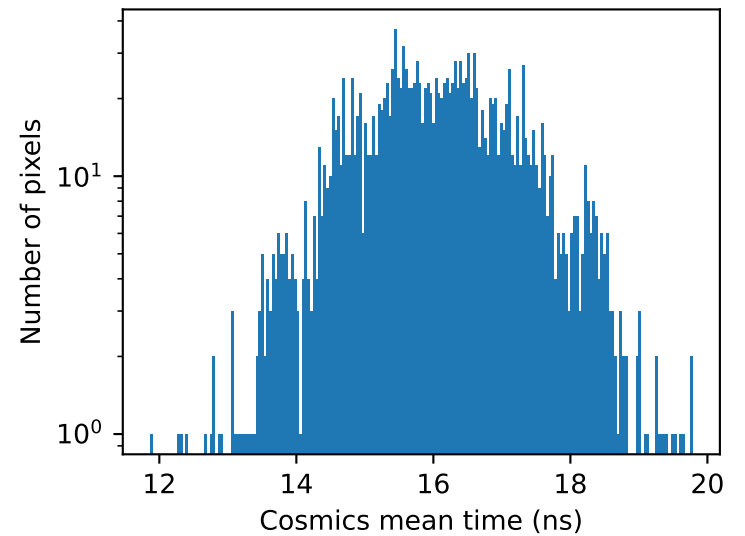
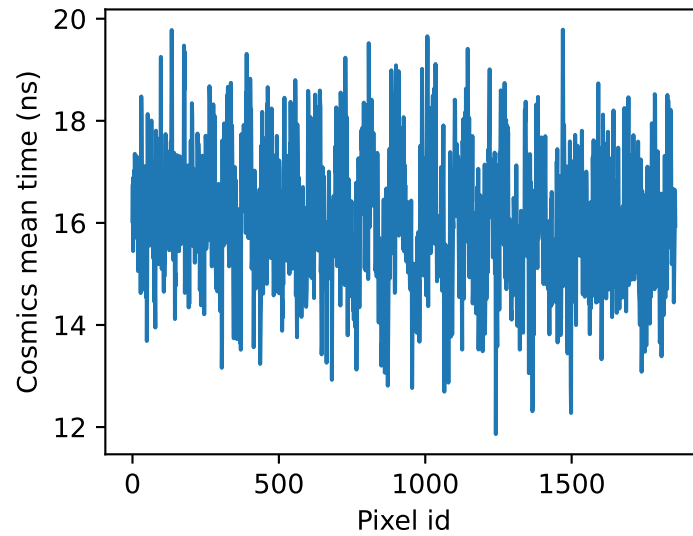
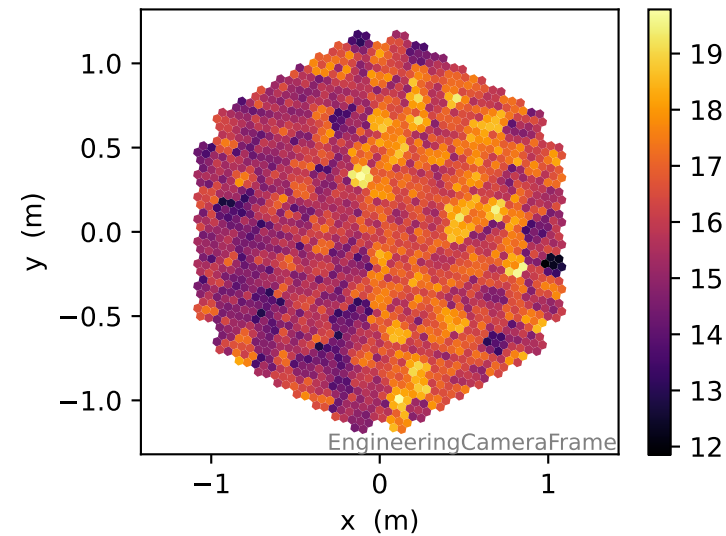


Flat-field time std dev (ns)

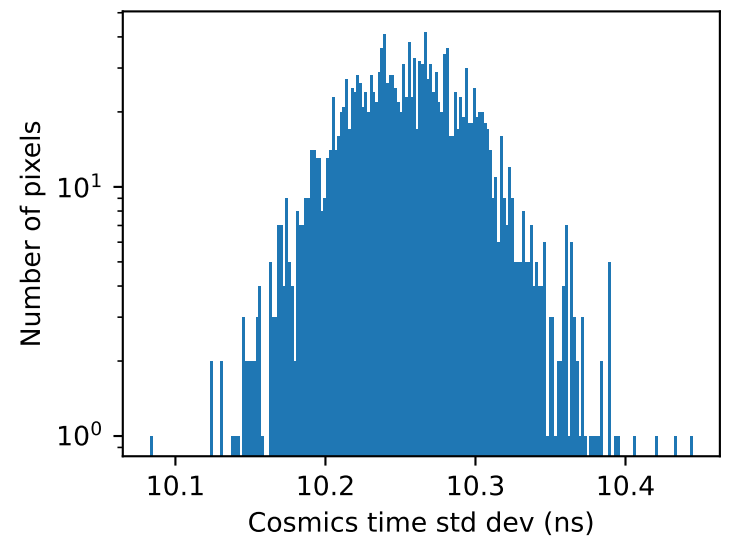
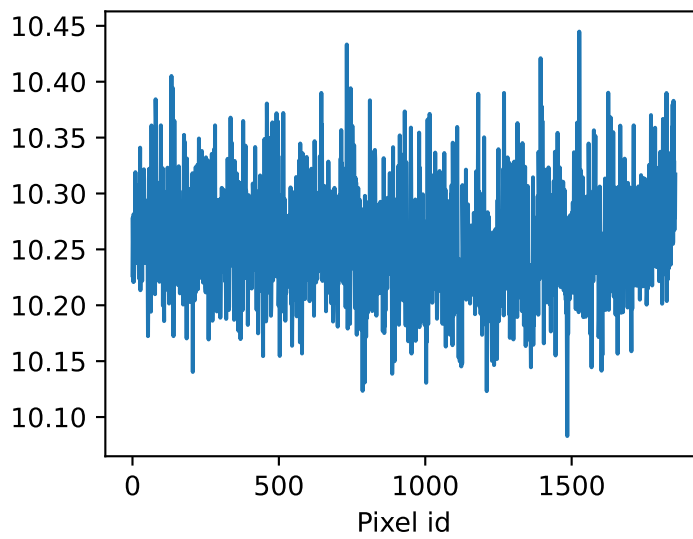
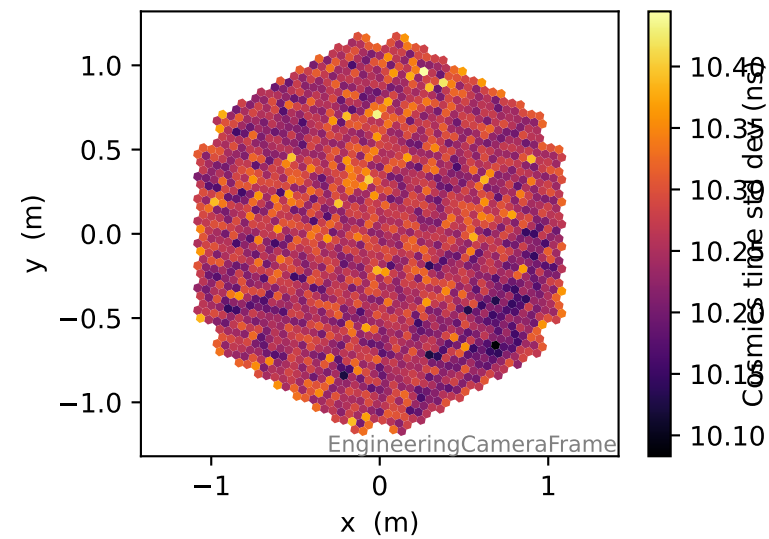


COSMICS, pixel-wise pulse time info for pixel charge > 1 p.e.

Cosmics mean time (ns)



Cosmics time std dev (ns)



COSMICS, image c.o.g. position

Image c.o.g.

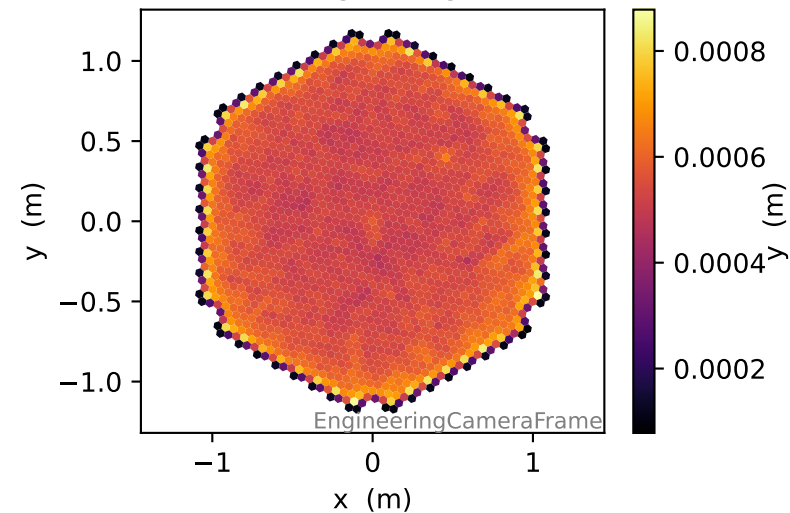


Image c.o.g.

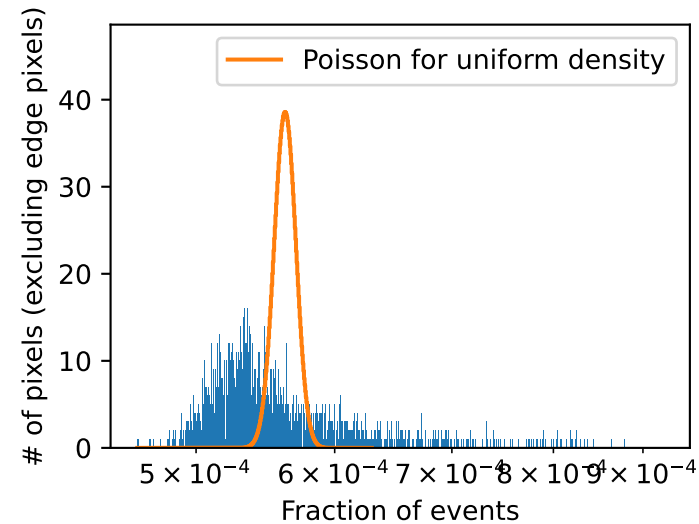
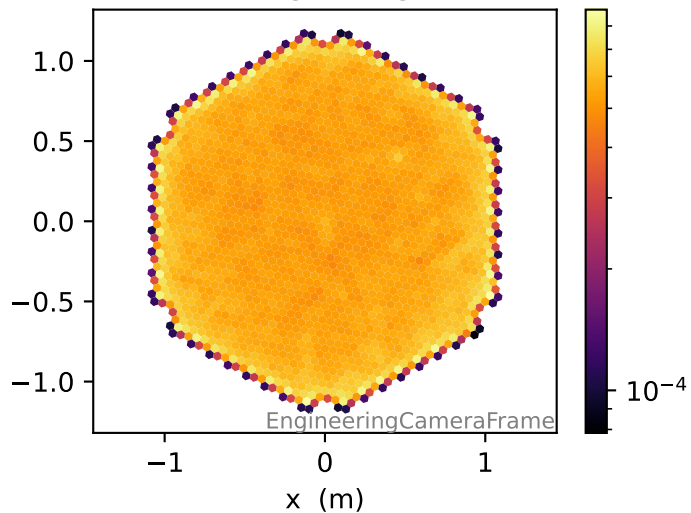


Image c.o.g., intensity > 200pe

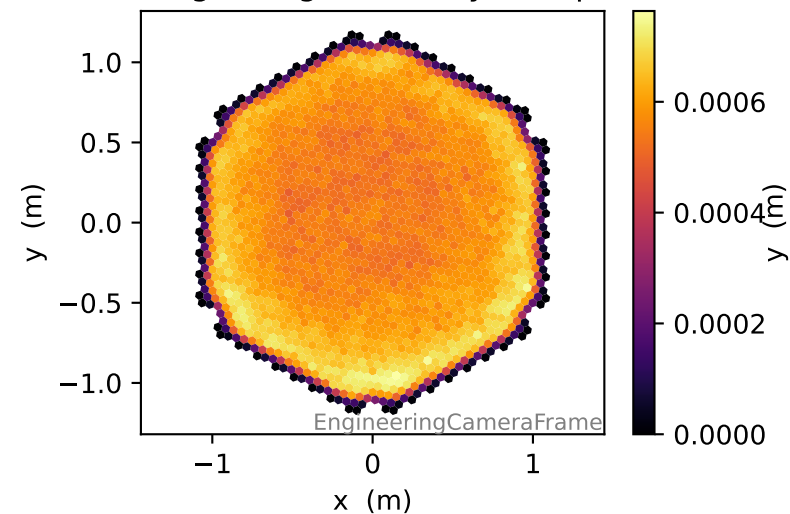
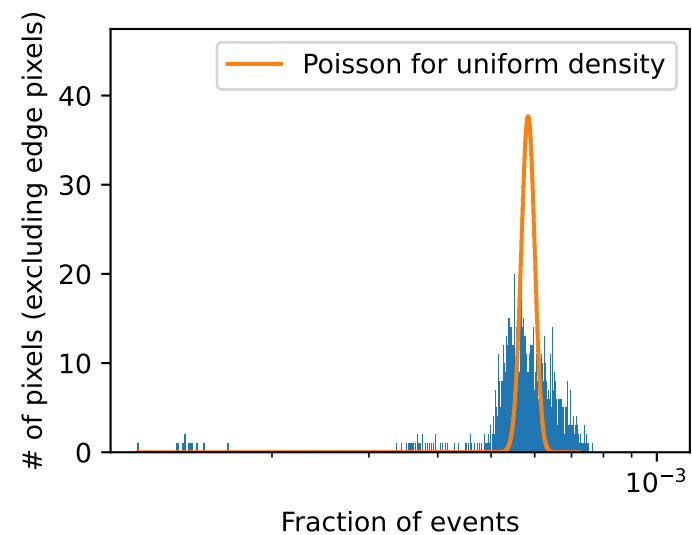
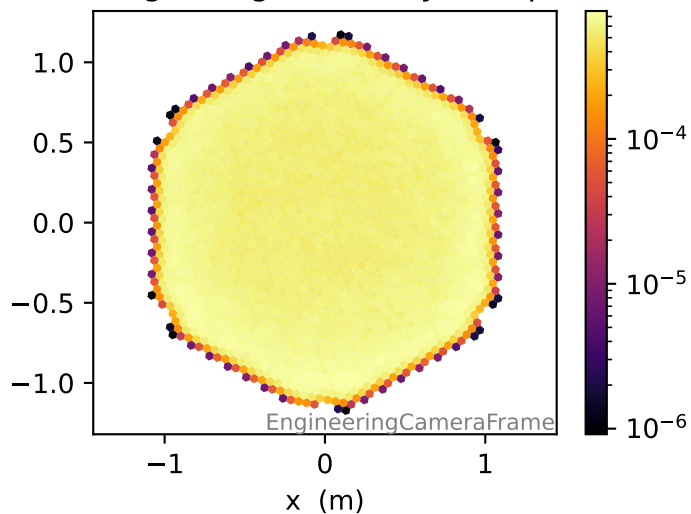
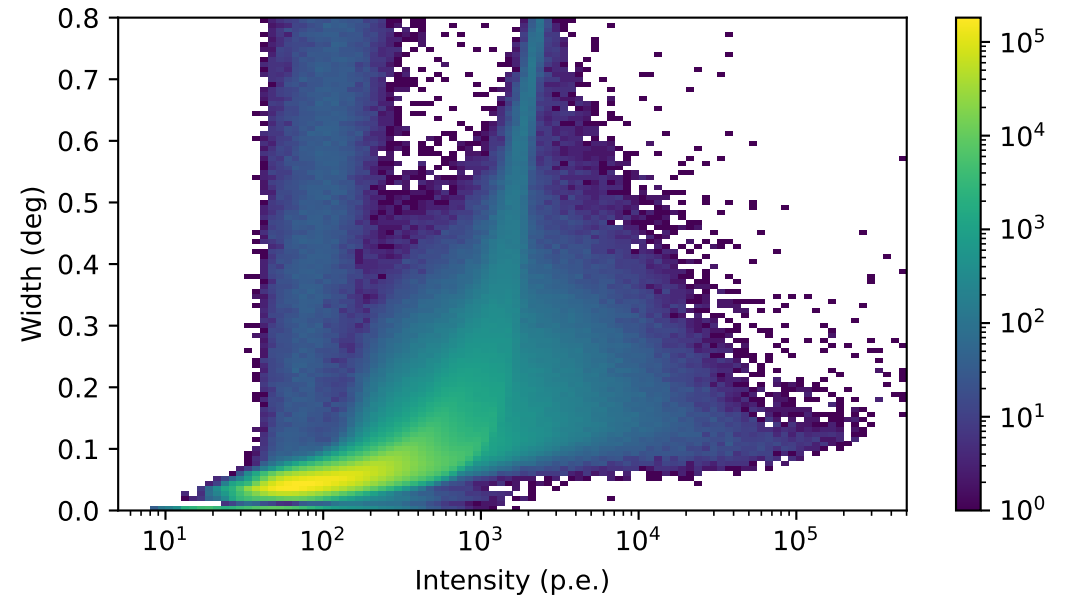
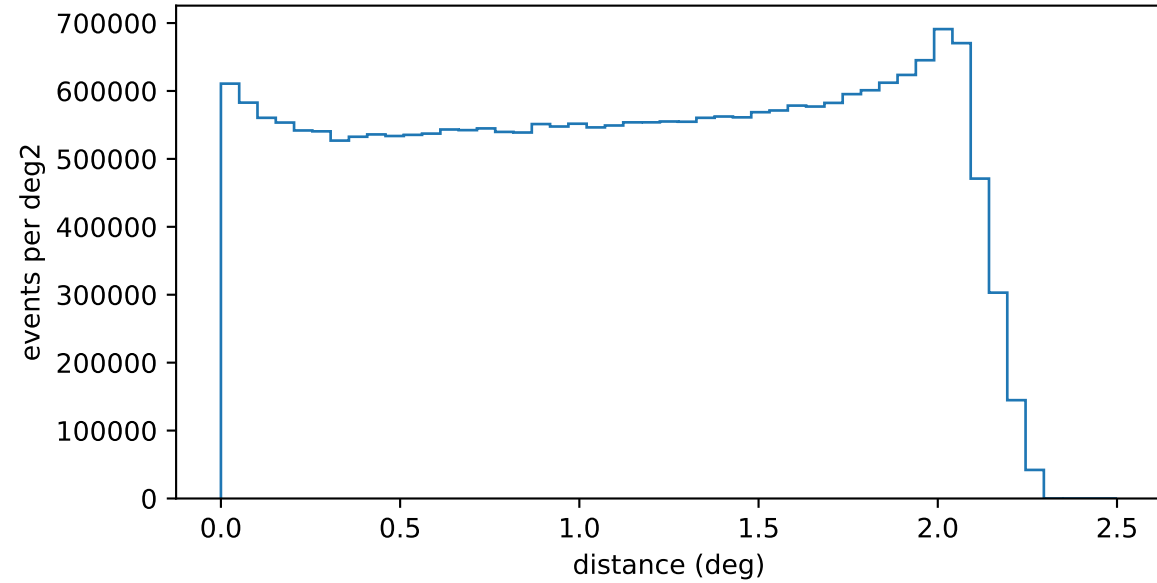


Image c.o.g., intensity > 200pe

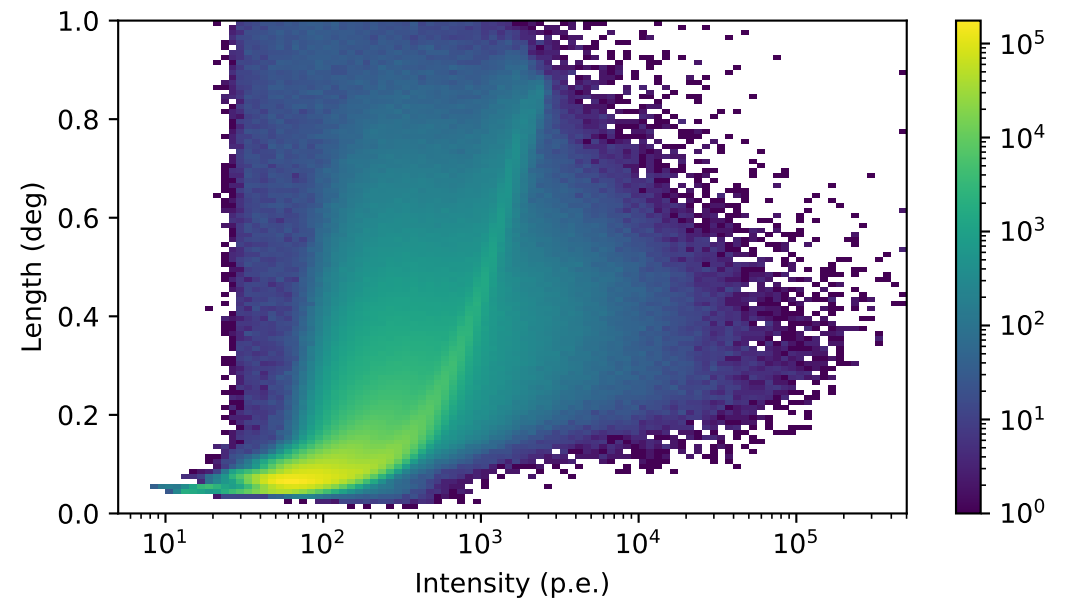
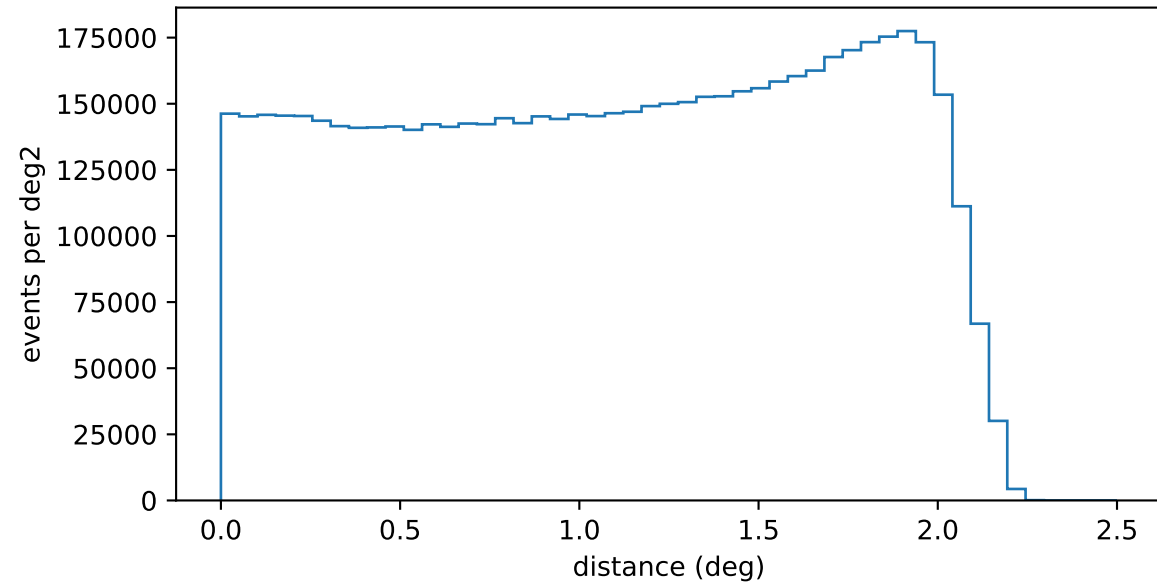


COSMICS, image parameters

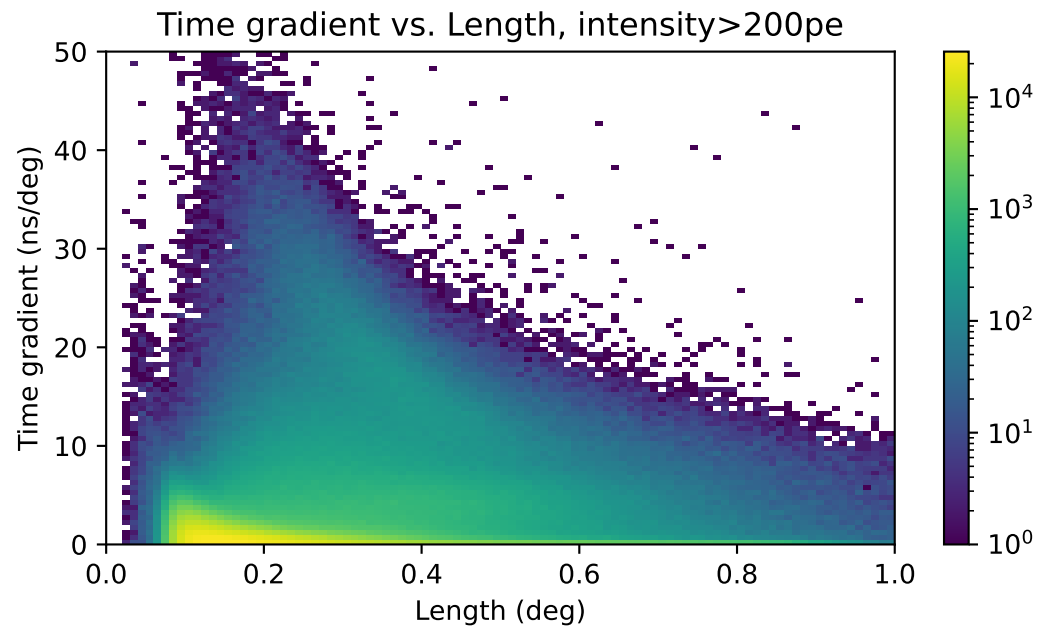
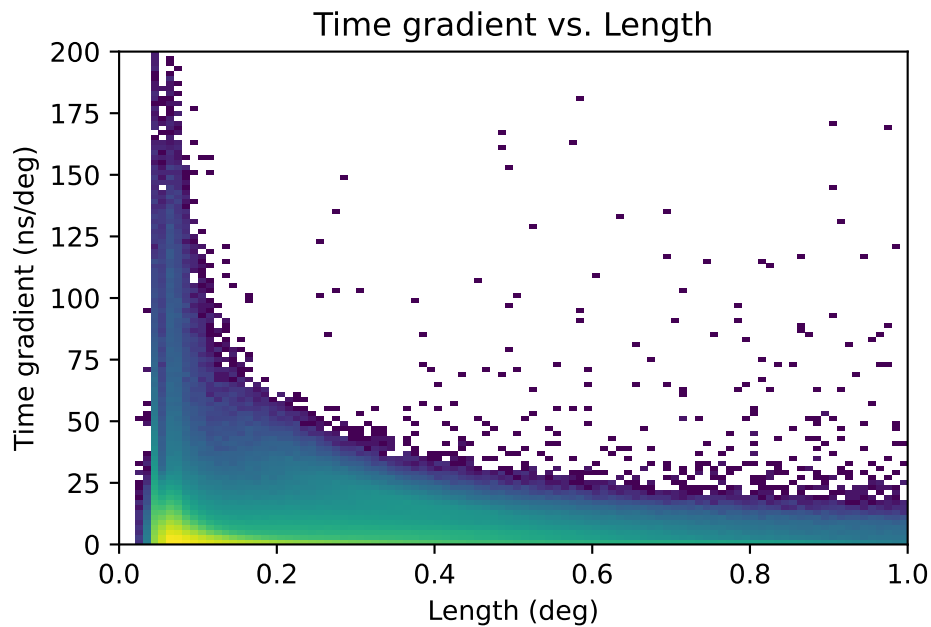
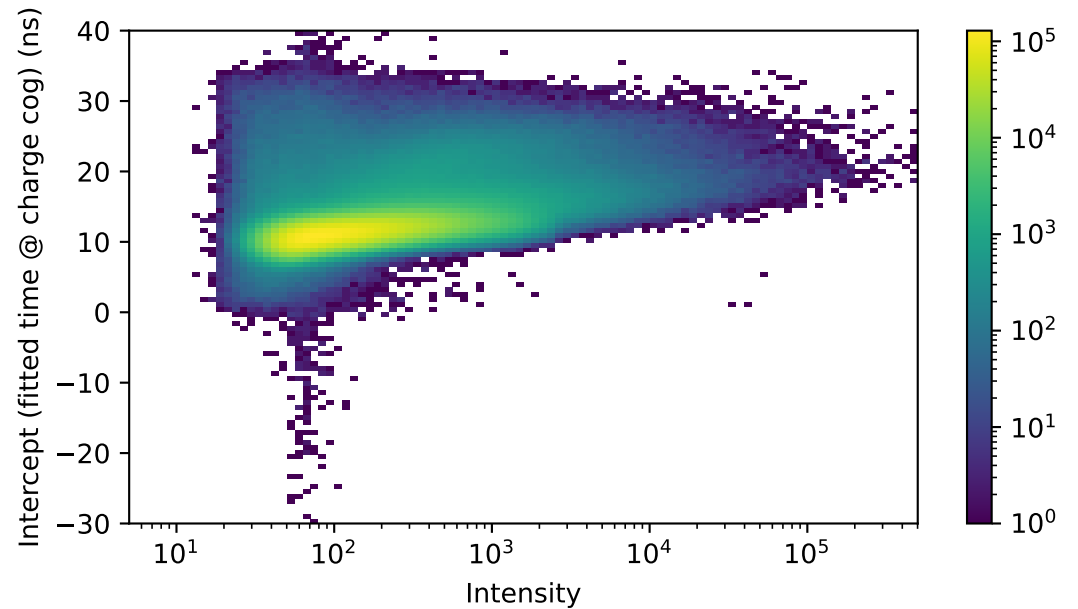
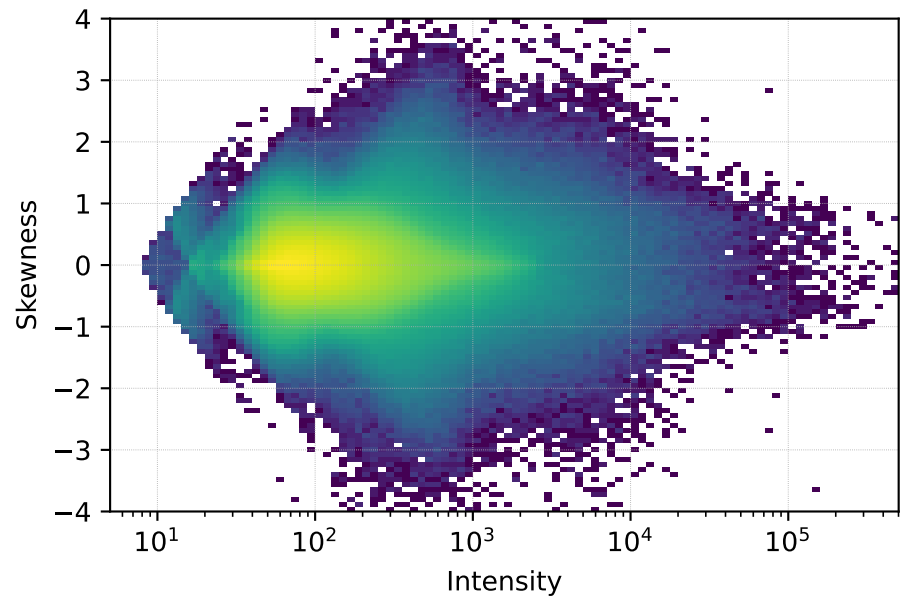
cog radial distribution



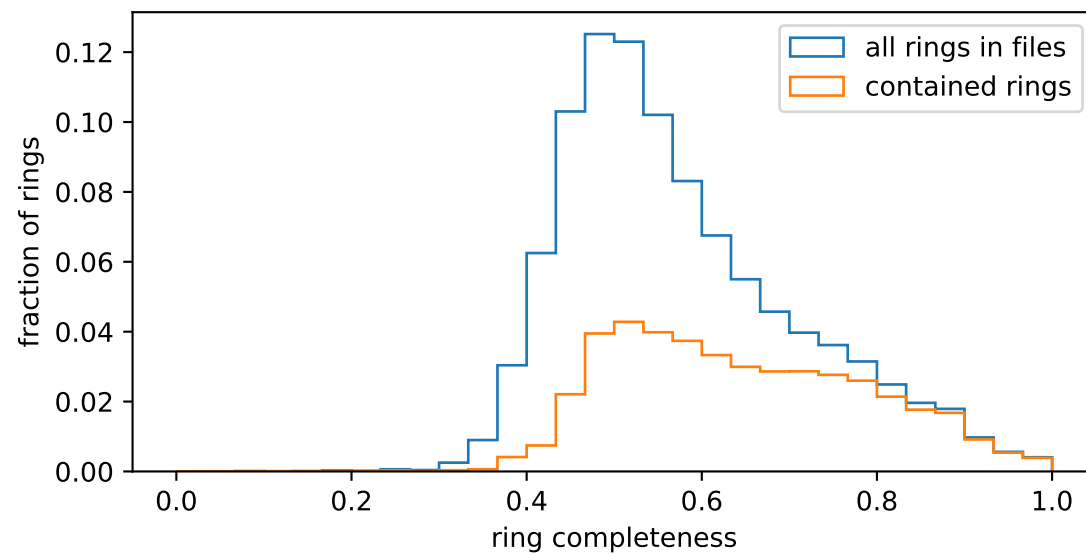
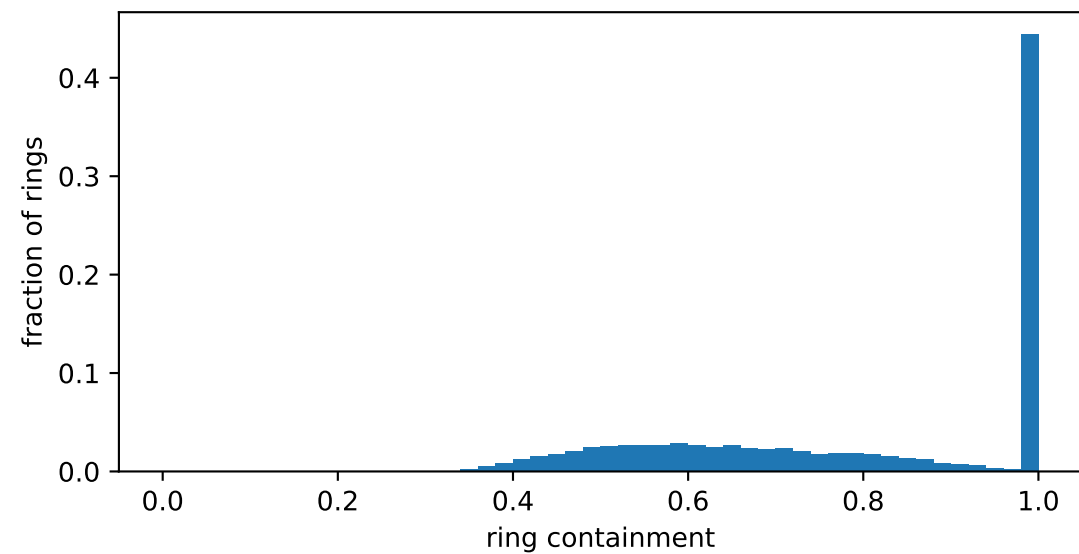
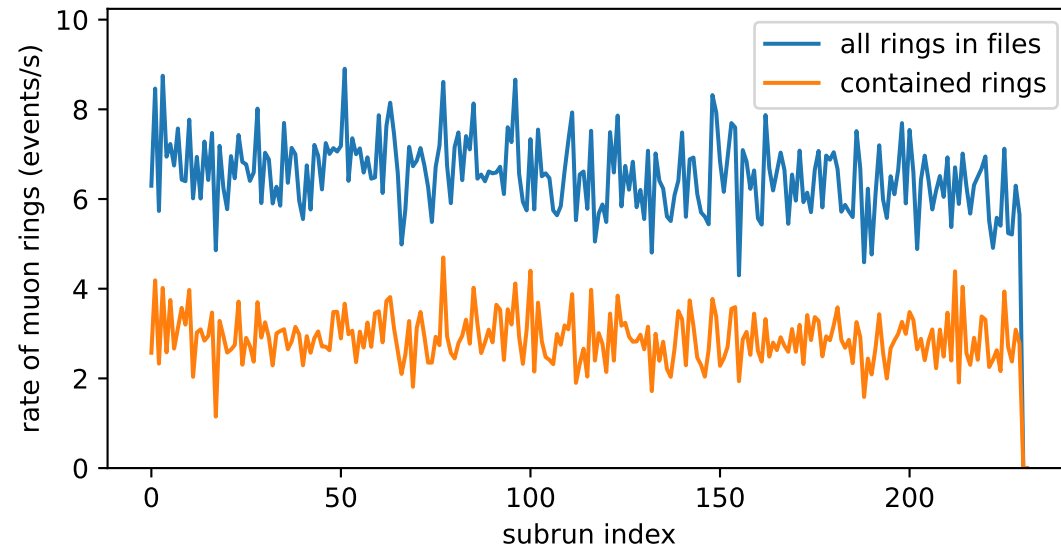
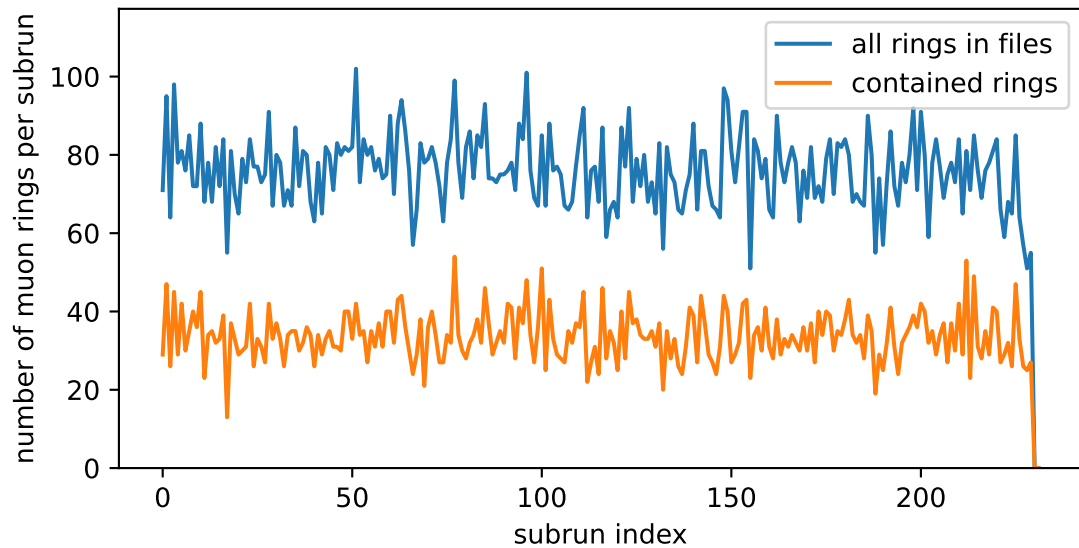
cog radial distribution, intensity > 200pe



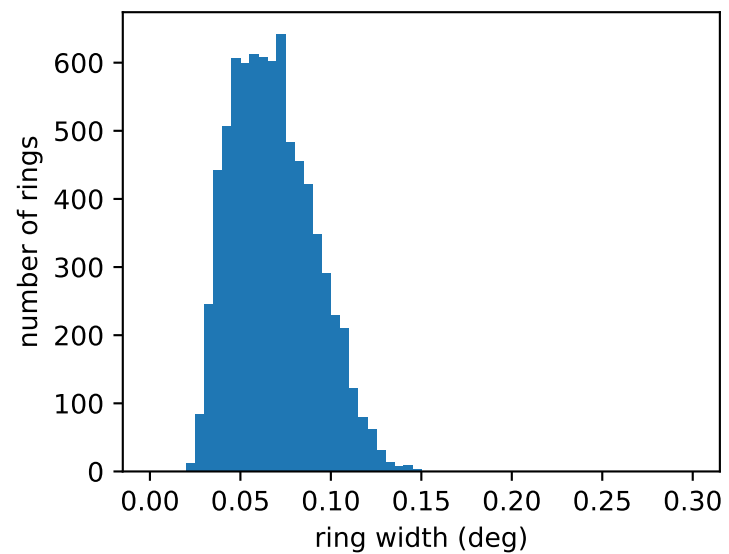
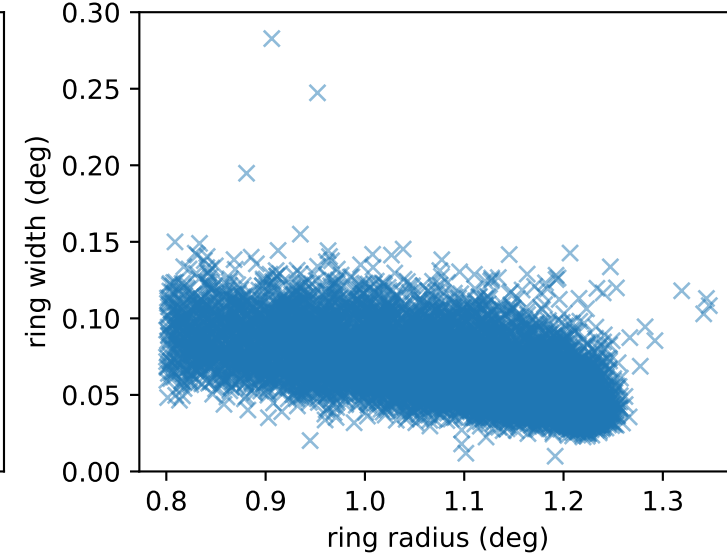
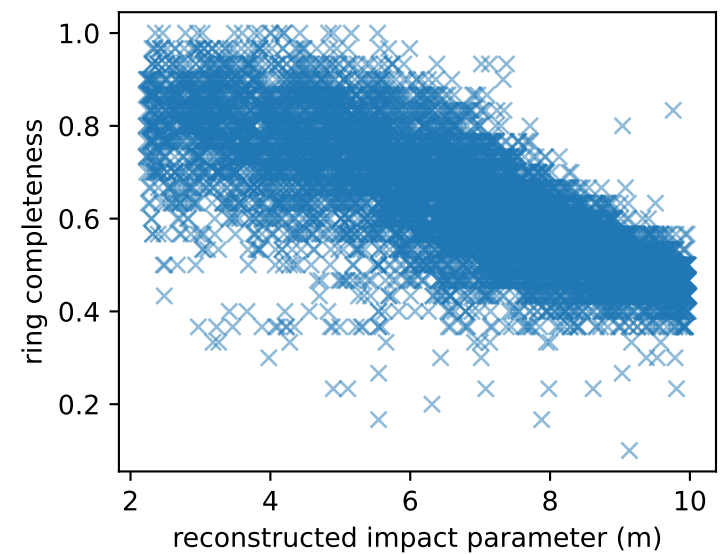
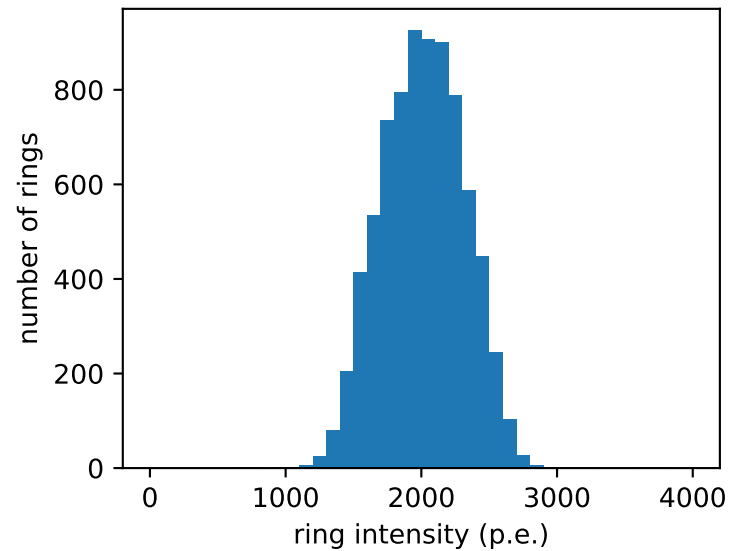
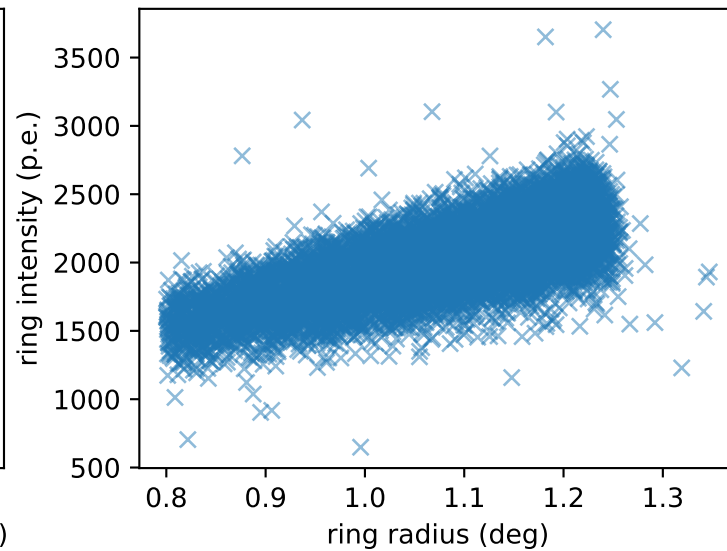
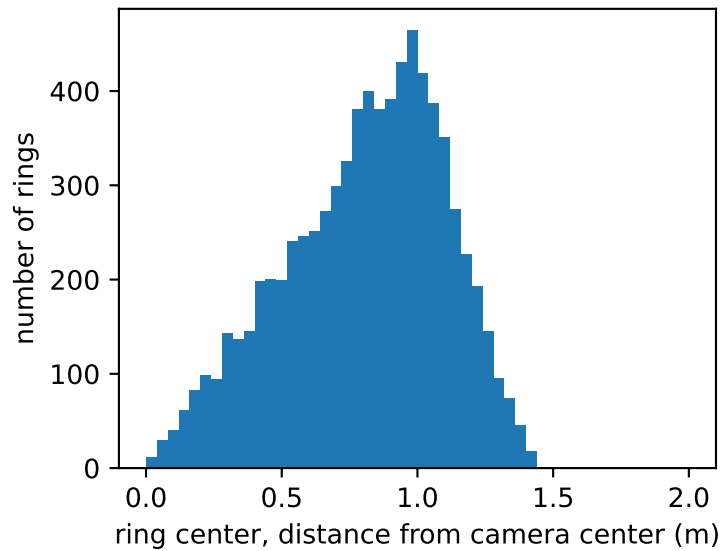
COSMICS, image parameters



MUON RINGS



MUON RINGS with containment = 1



MUON RINGS with containment = 1

