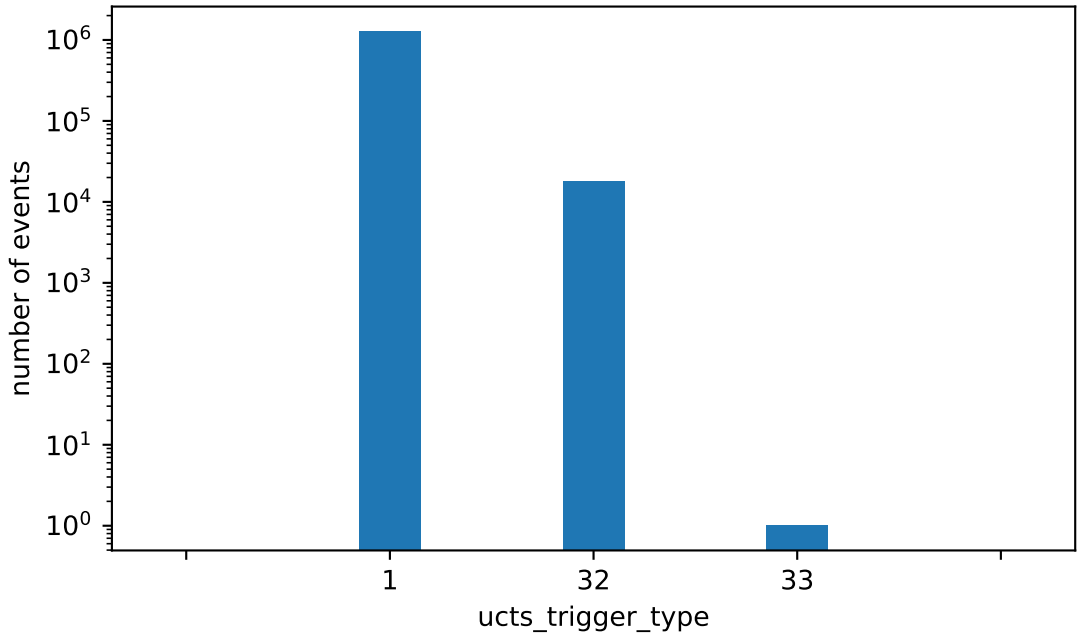
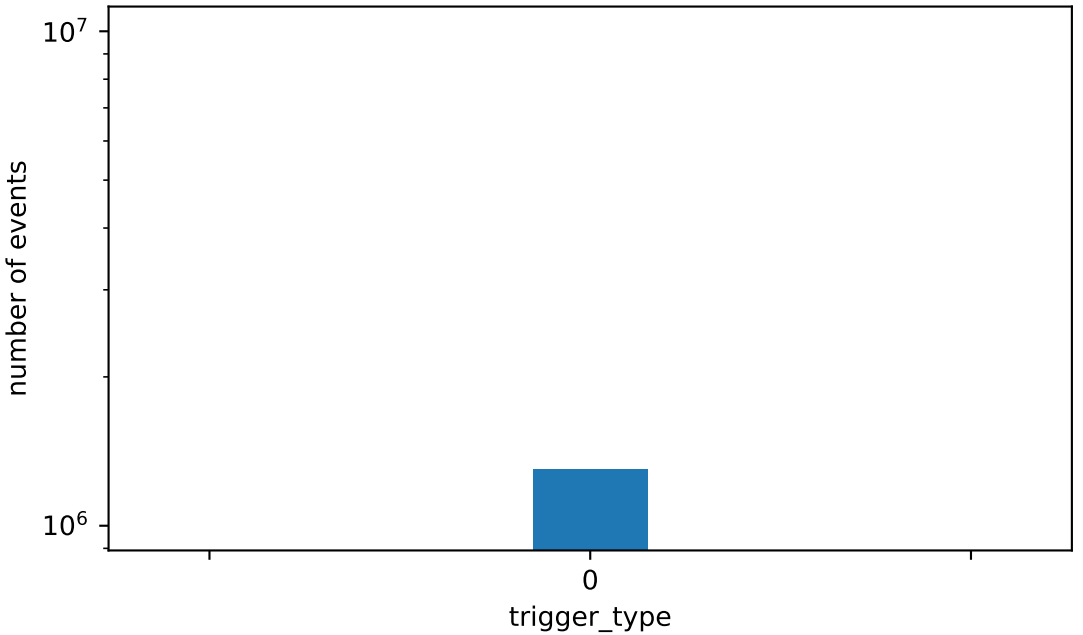
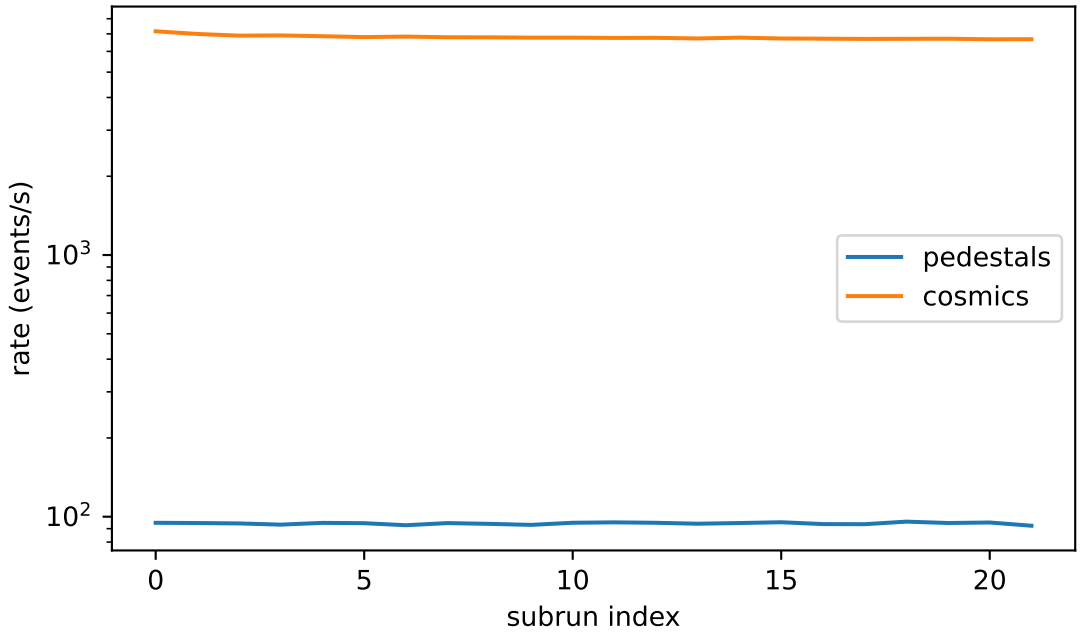
datacheck_dl1_LST-1.Run19580.h5

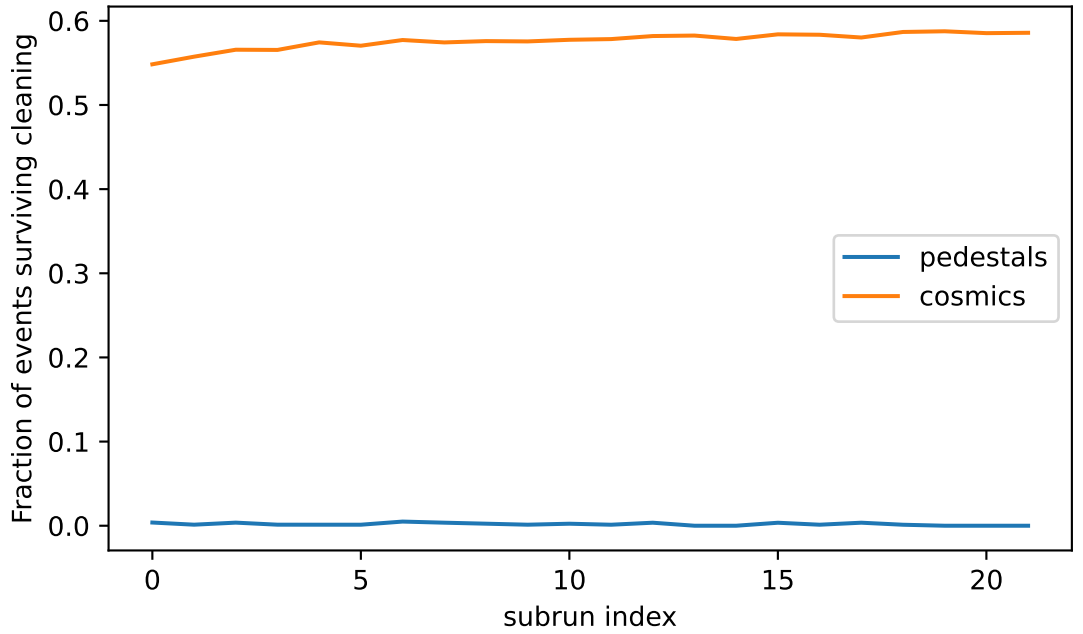
First shower event UTC:

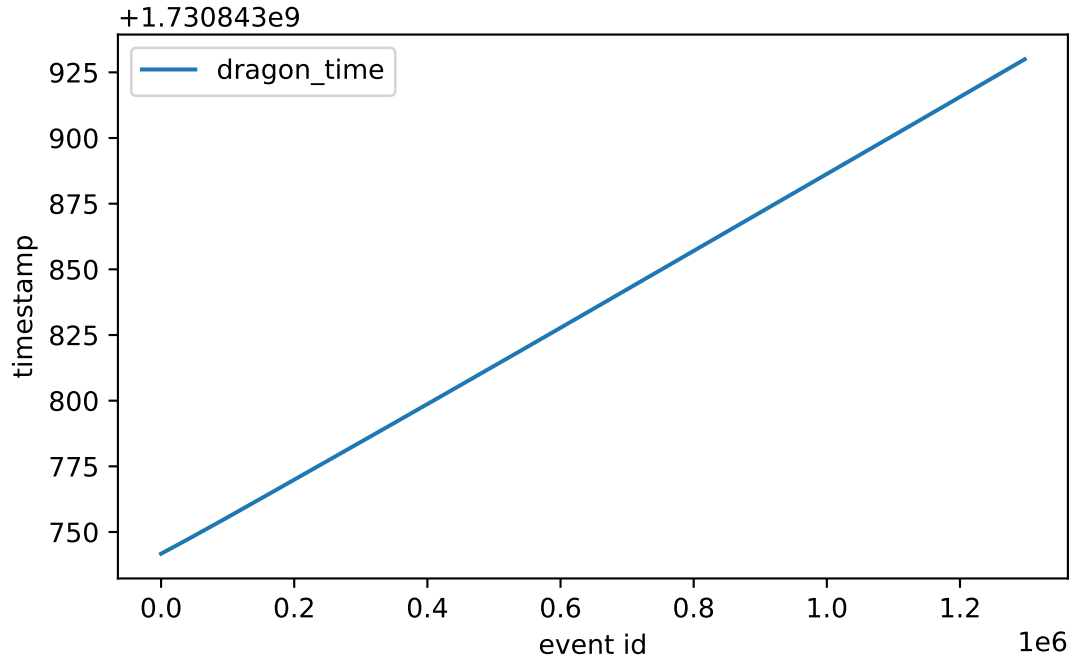
(from Dragon time): 2024-11-05 21:55:41.728609

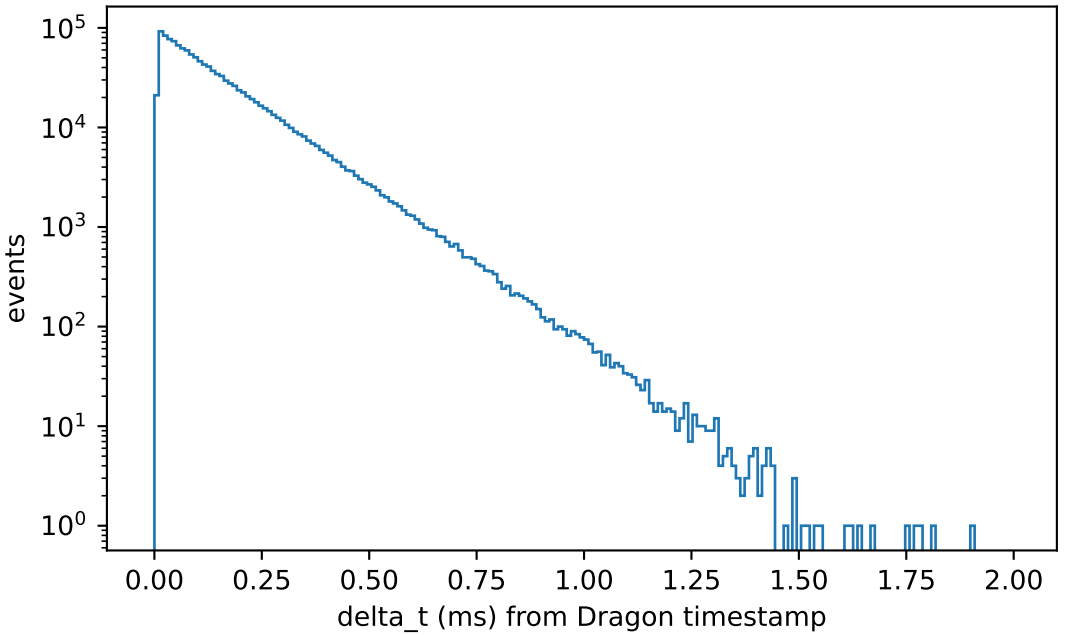

number of events
10^6
10^5
10^4
10^3
10^2
10^1
10^0
1
32
33
ucts_trigger_type

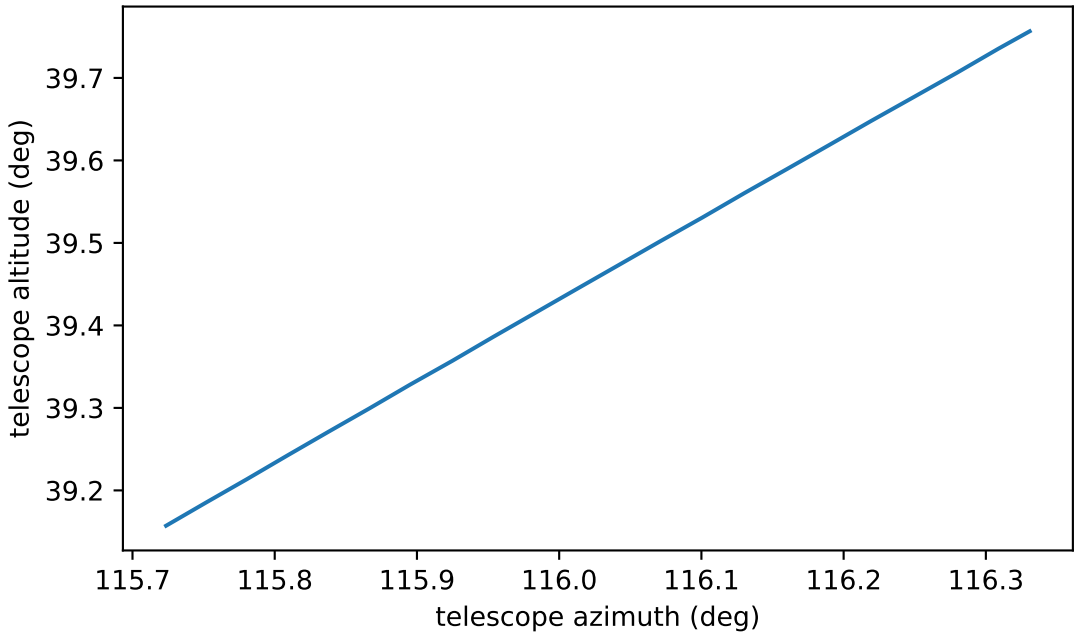

number of events
10^7
10^6
0
trigger_type

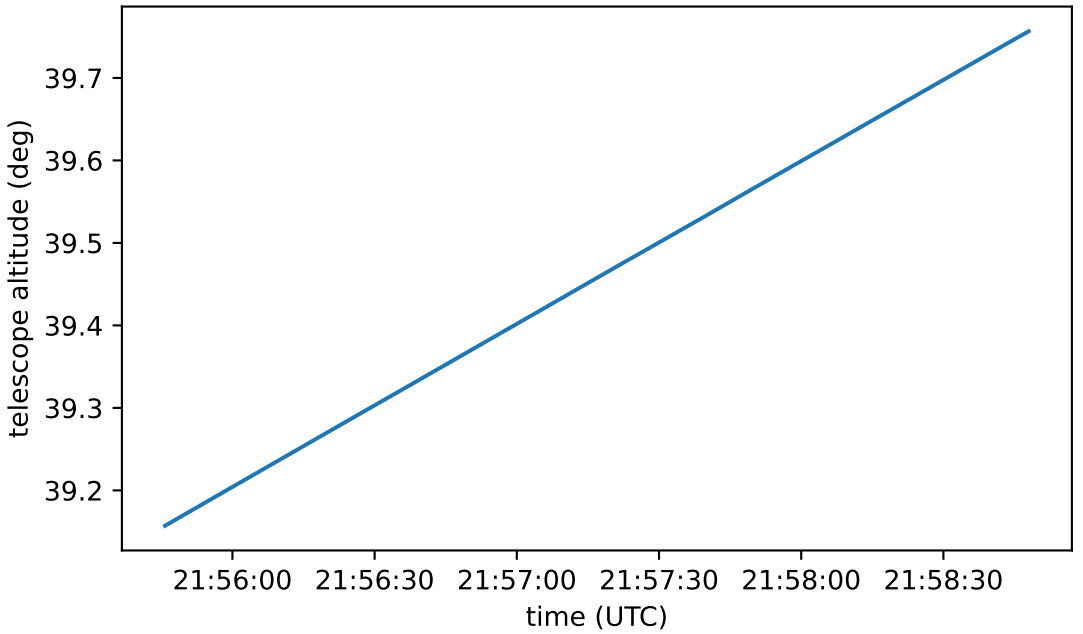

rate (events/s)
10^3
10^2
pedestals
cosmics
0
5
10
15
20
subrun index


Fraction of events surviving cleaning
0.6
0.5
0.4
0.3
0.2
0.1
0.0
pedestals
cosmics
0
5
10
15
20
subrun index

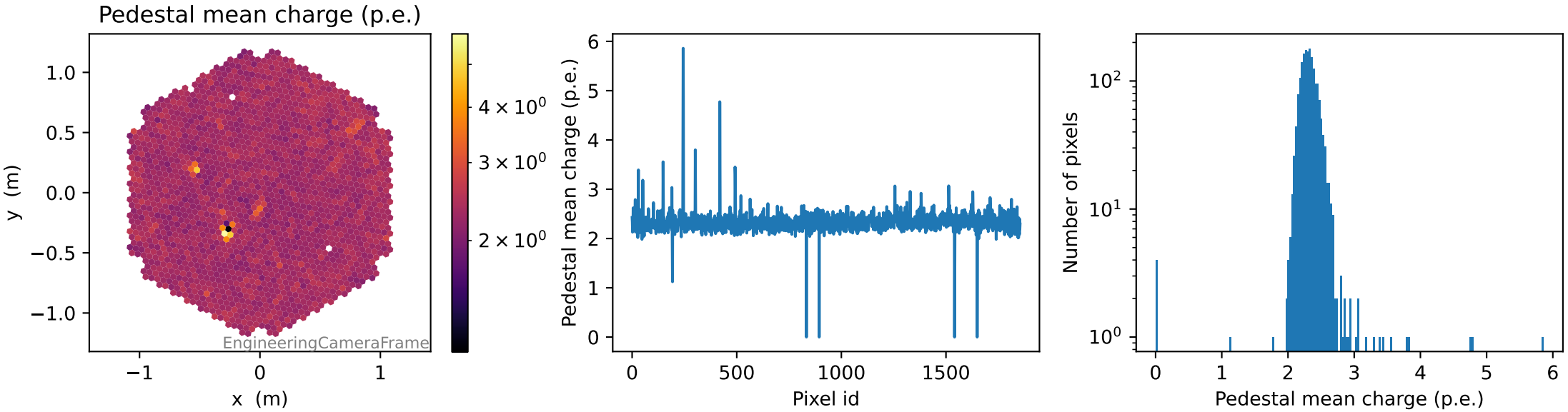

+1.730843e9
dragon_time
timestamp
925
900
875
850
825
800
775
750
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1e6
event id

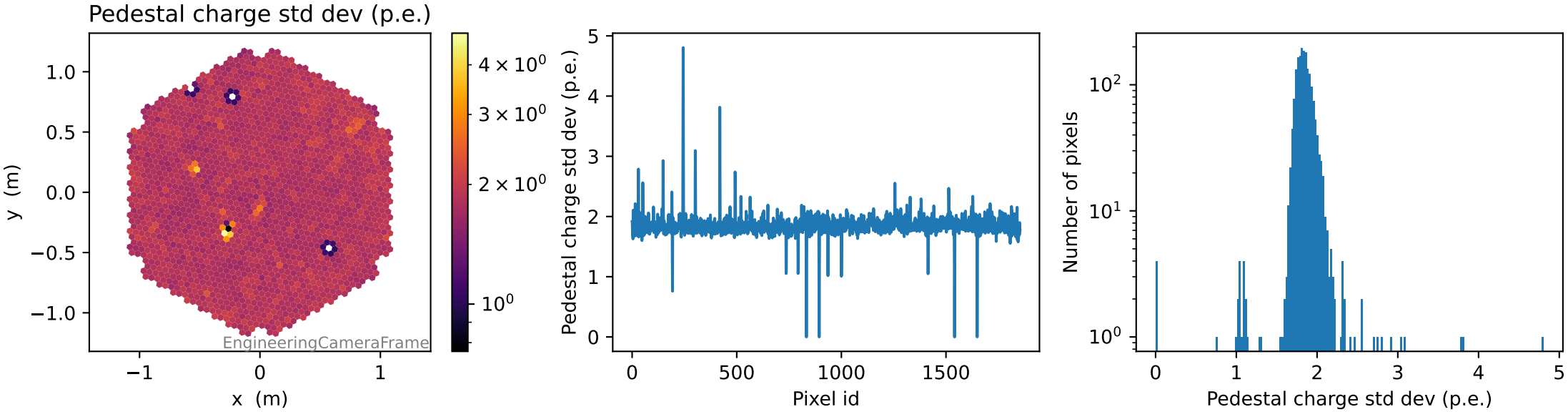

events
10^5
10^4
10^3
10^2
10^1
10^0
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
delta_t (ms) from Dragon timestamp


telescope altitude (deg)
39.7
39.6
39.5
39.4
39.3
39.2
115.7
115.8
115.9
116.0
116.1
116.2
116.3
telescope azimuth (deg)

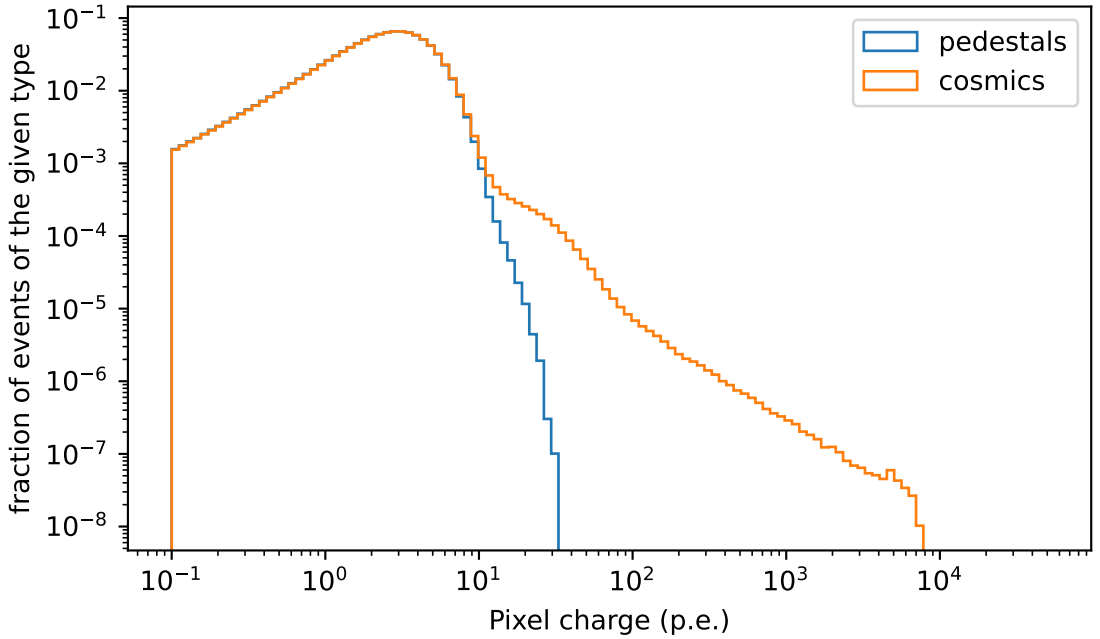

telescope altitude (deg)
39.7
39.6
39.5
39.4
39.3
39.2
21:56:00
21:56:30
21:57:00
21:57:30
21:58:00
21:58:30
time (UTC)

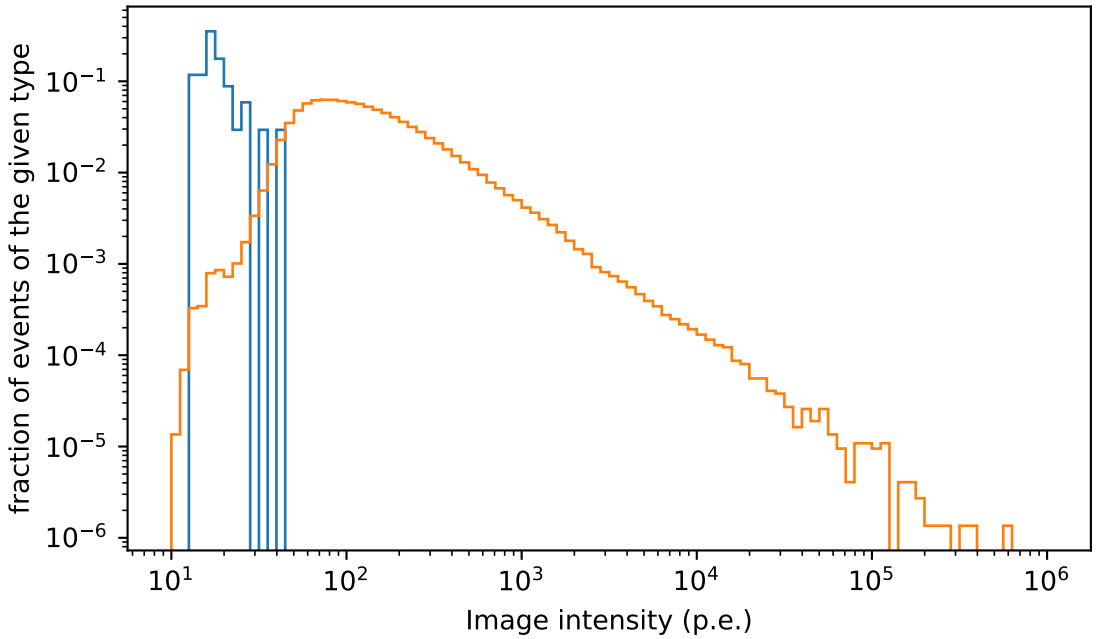
PEDESTALS, pixel-wise charge info

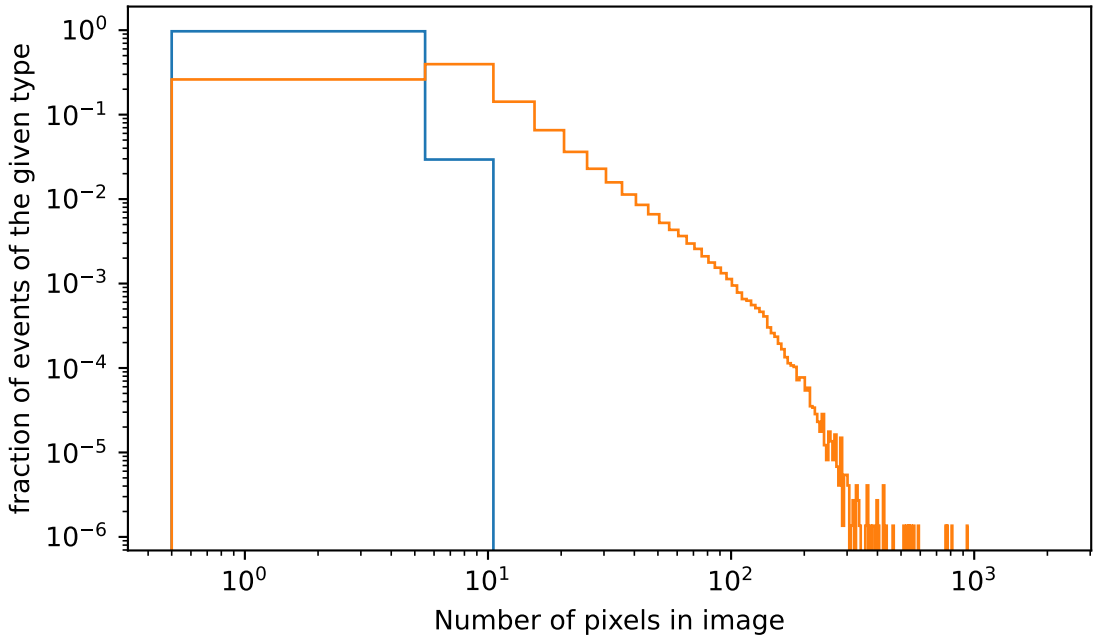


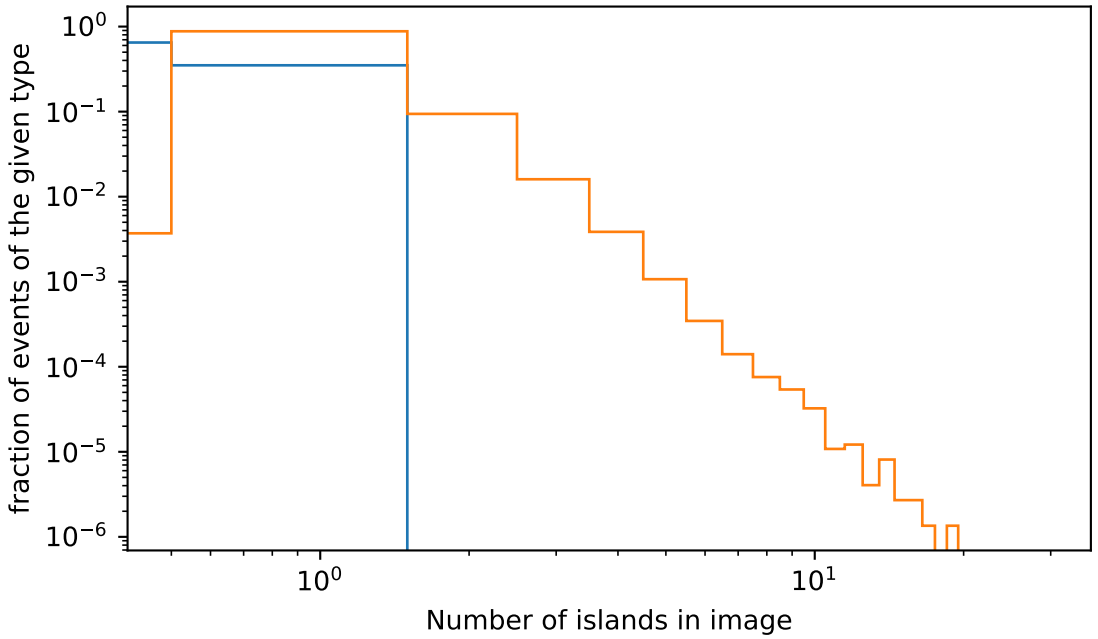


Sorry, no flatfield to plot here!

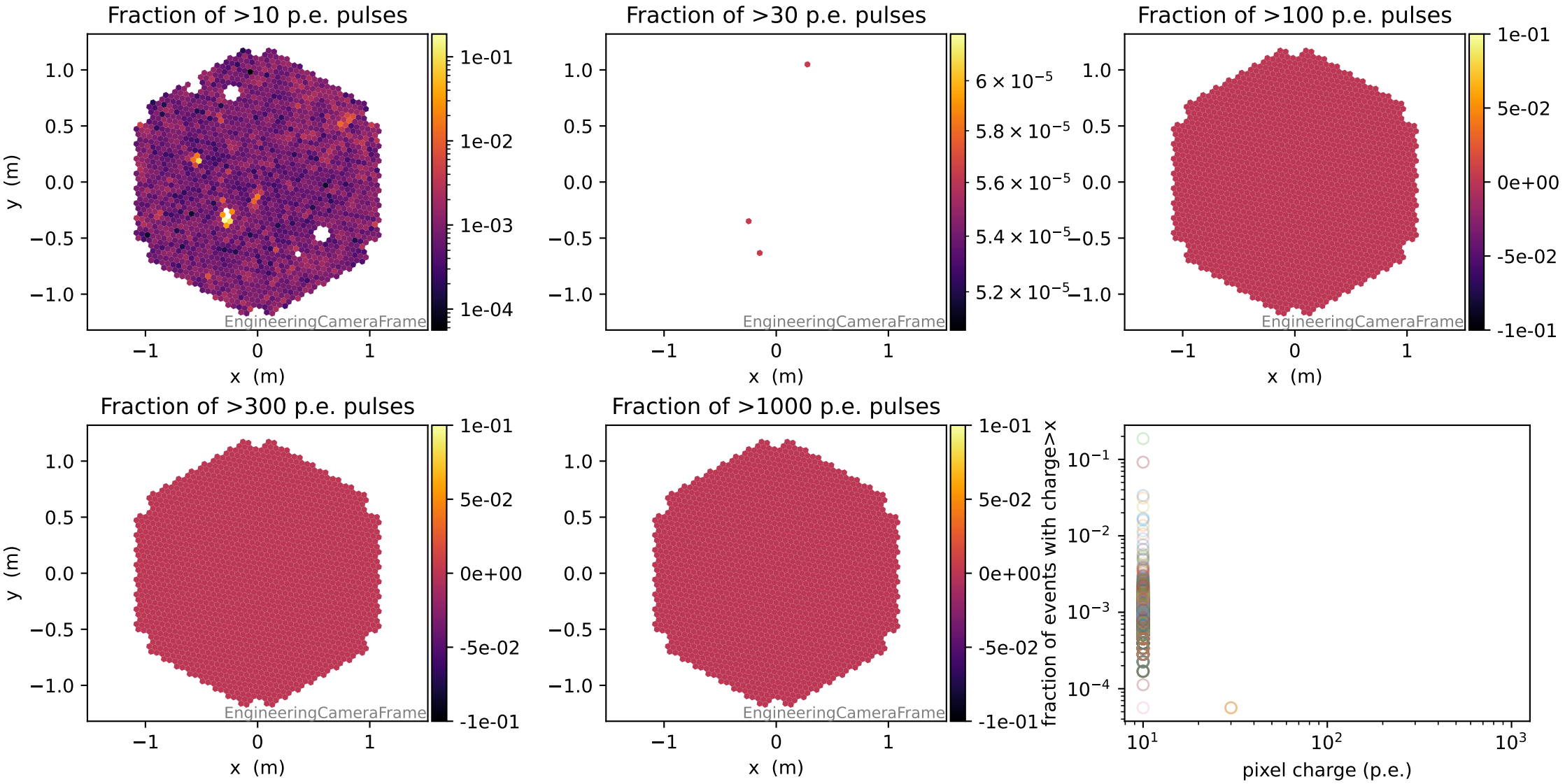

pedestals
cosmics
fraction of events of the given type
Pixel charge (p.e.)

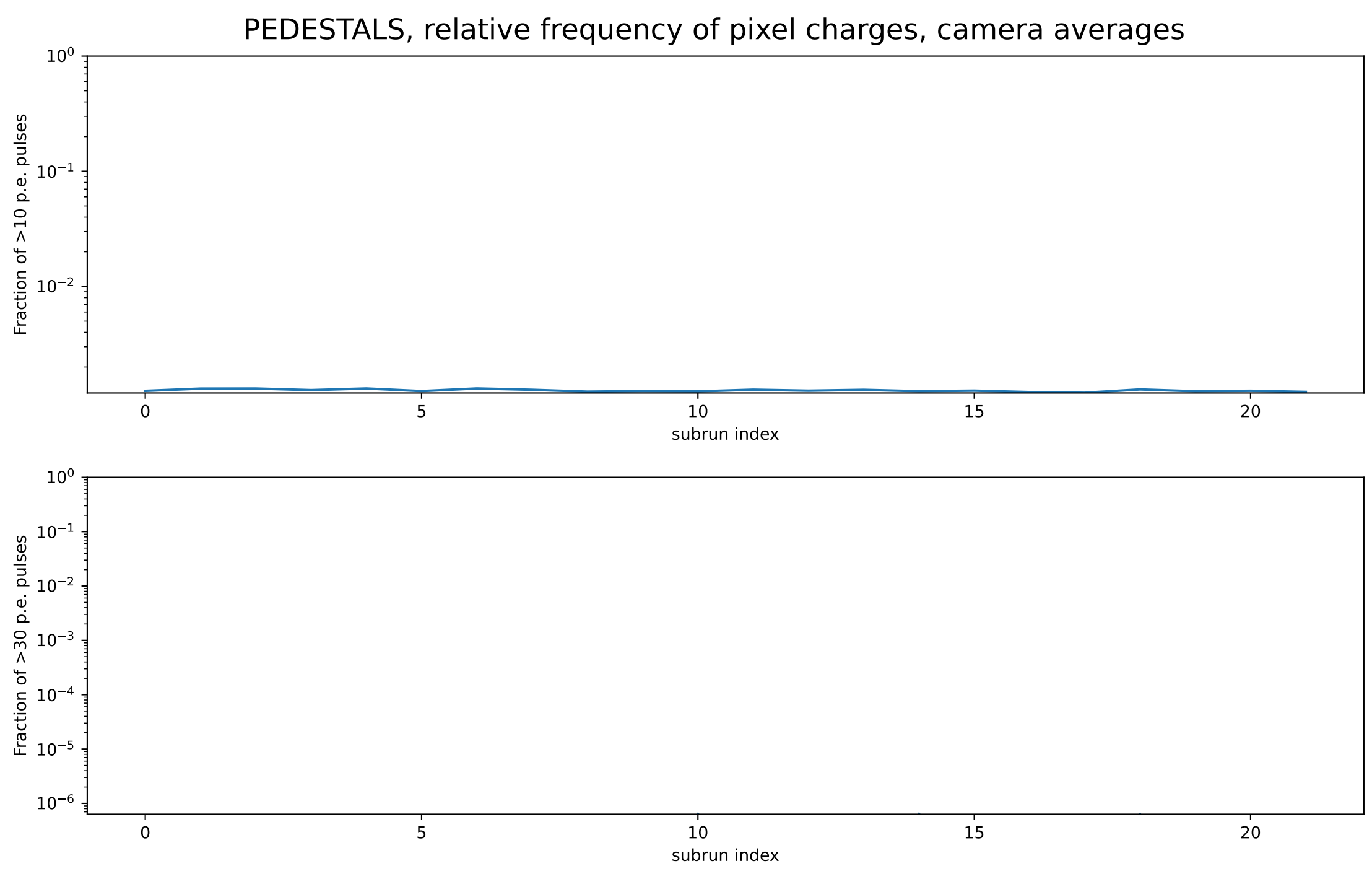

fraction of events of the given type
Image intensity (p.e.)


fraction of events of the given type
Number of pixels in image

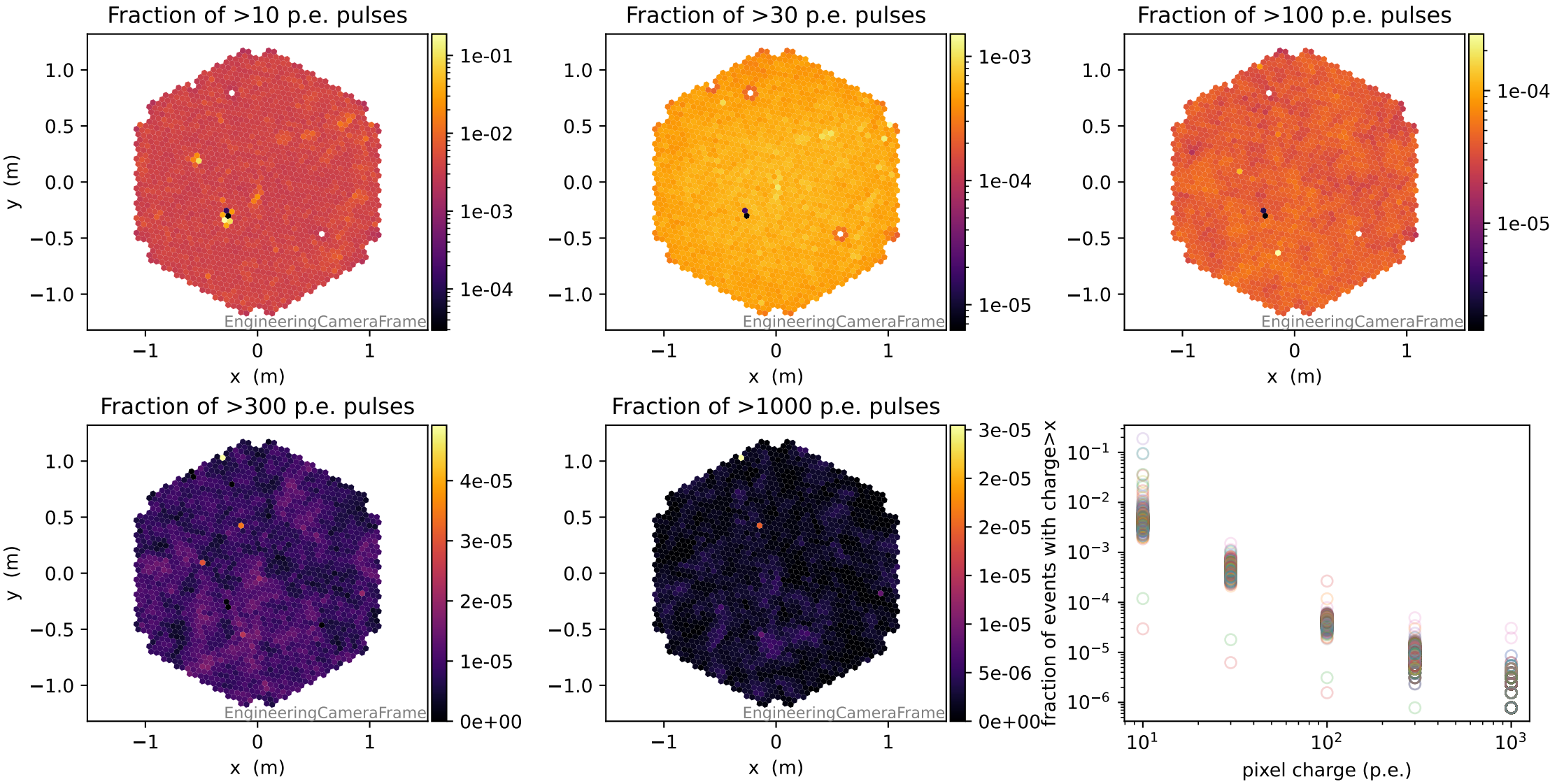

fraction of events of the given type
Number of islands in image

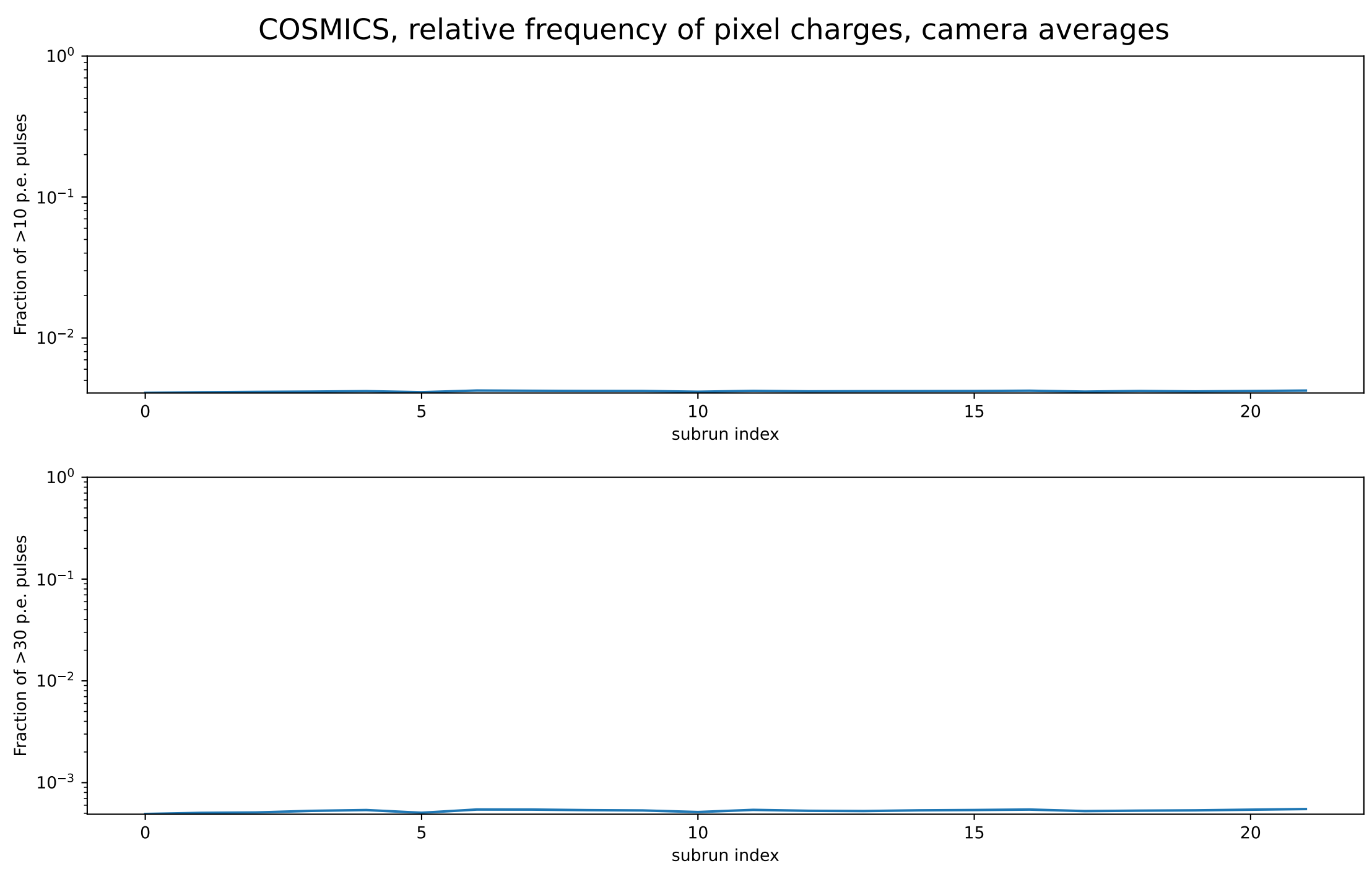
PEDESTALS, relative frequency of pixel charges




PEDESTALS, relative frequency of pixel charges, camera averages
Fraction of >10 p.e. pulses
10^0
10^{-1}
10^{-2}
0
5
10
15
20
subrun index
Fraction of >30 p.e. pulses
10^0
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
0
5
10
15
20
subrun index

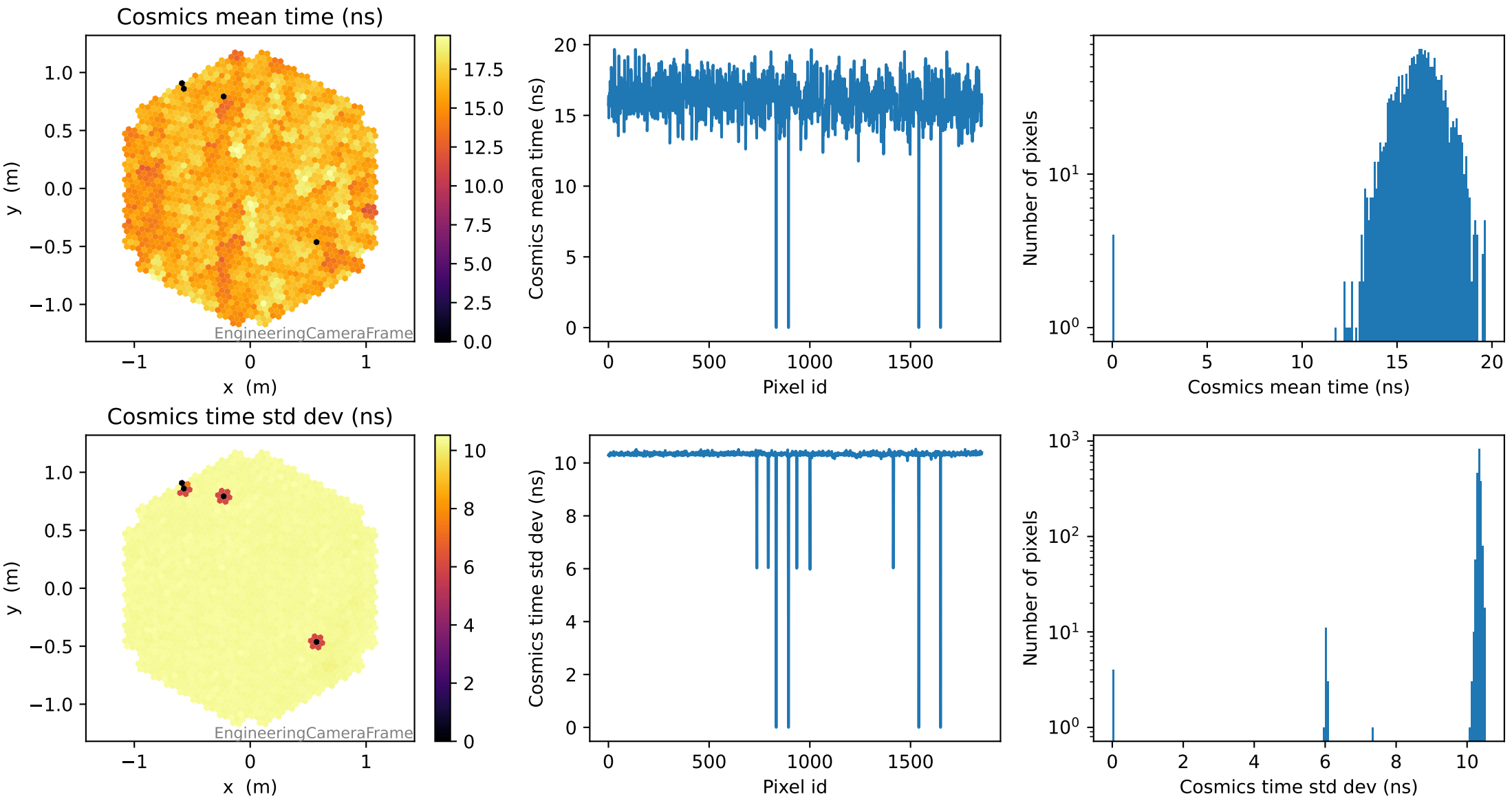
COSMICS, relative frequency of pixel charges



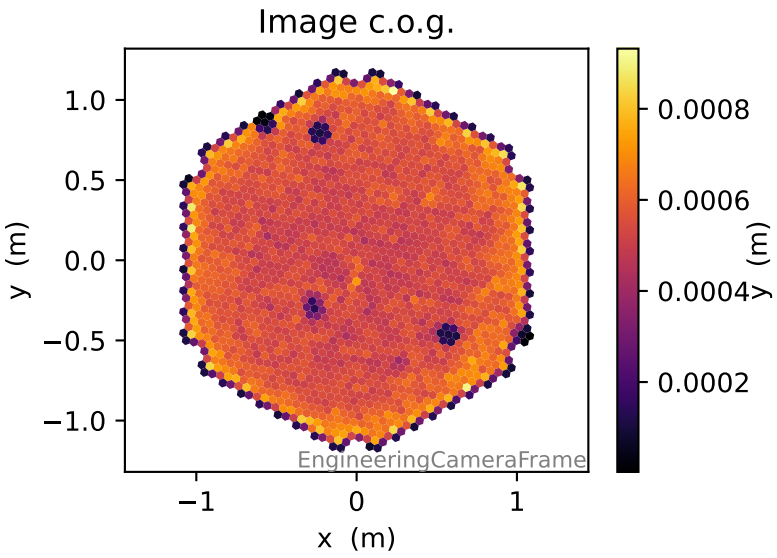

COSMICS, relative frequency of pixel charges, camera averages
Fraction of >10 p.e. pulses
10^0
10^{-1}
10^{-2}
0
5
10
15
20
subrun index
Fraction of >30 p.e. pulses
10^0
10^{-1}
10^{-2}
10^{-3}
0
5
10
15
20
subrun index

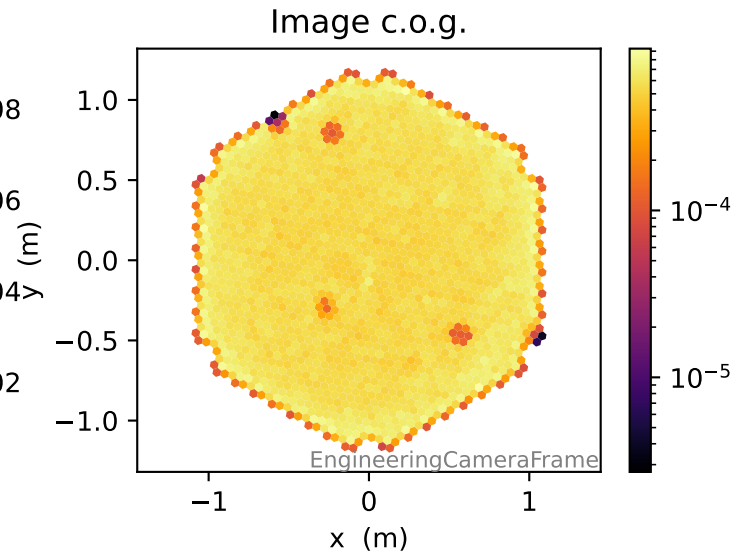
Sorry, no flatfield to plot here!

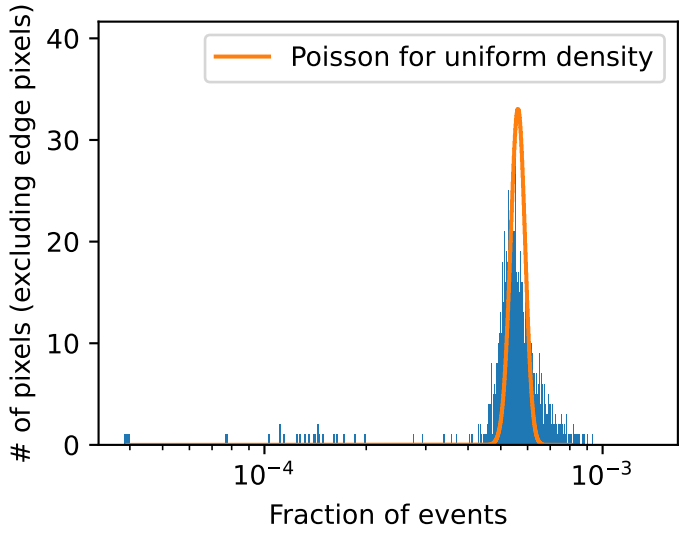
COSMICS, pixel-wise pulse time info for pixel charge > 1 p.e.

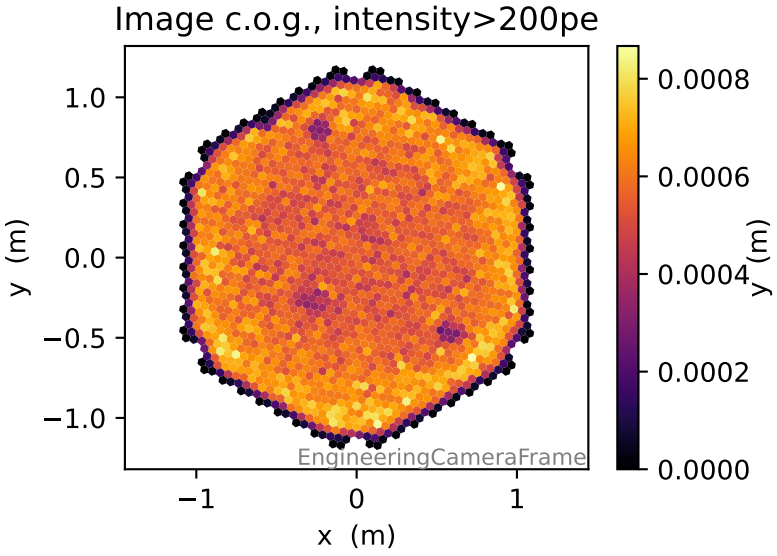


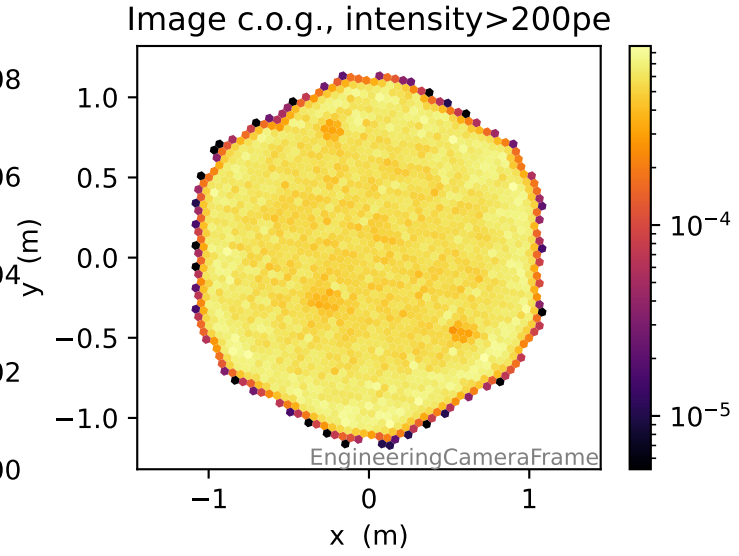
COSMICS, image c.o.g. position

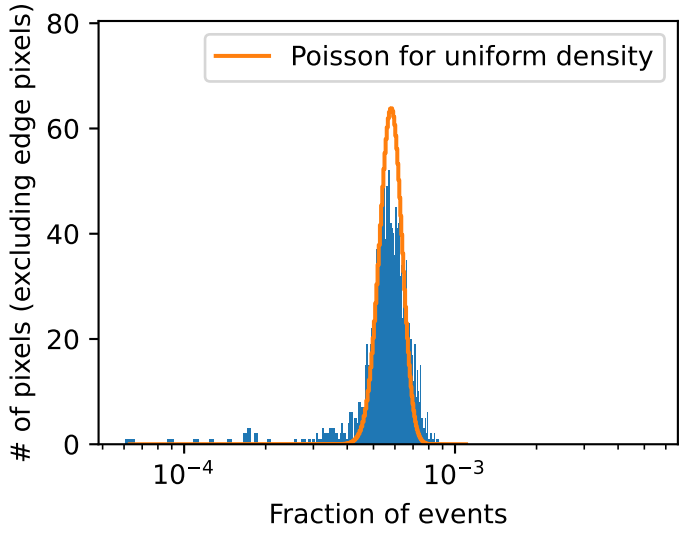




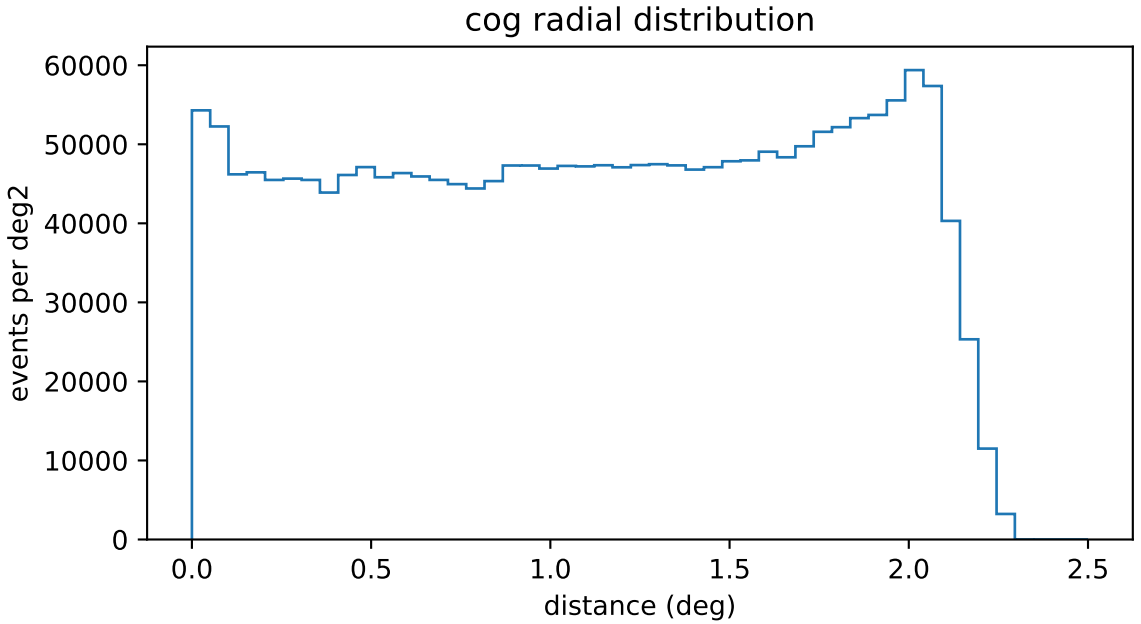


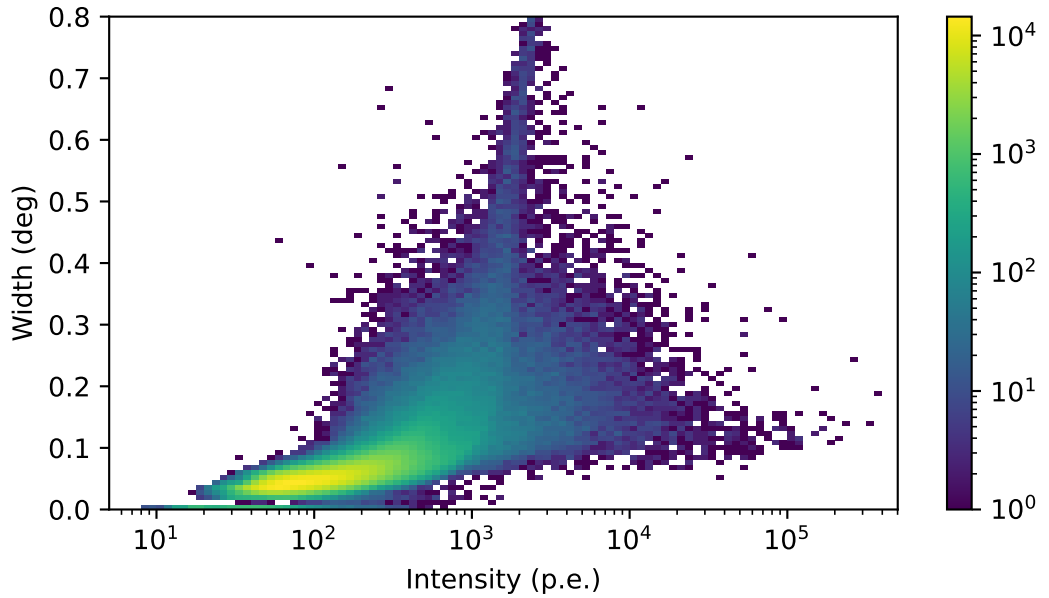


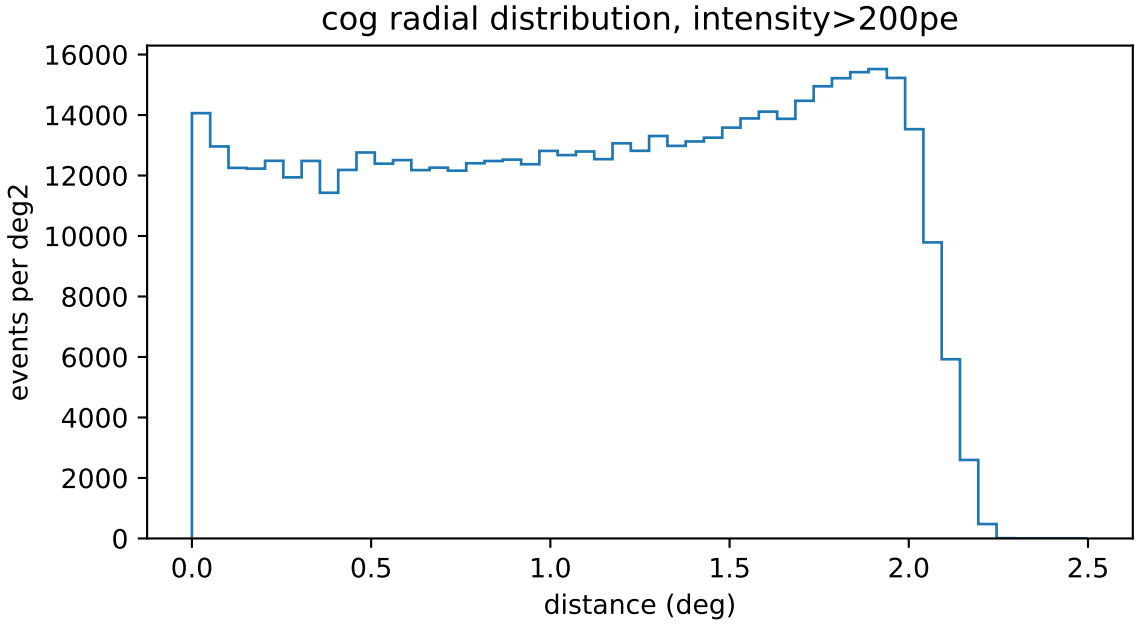


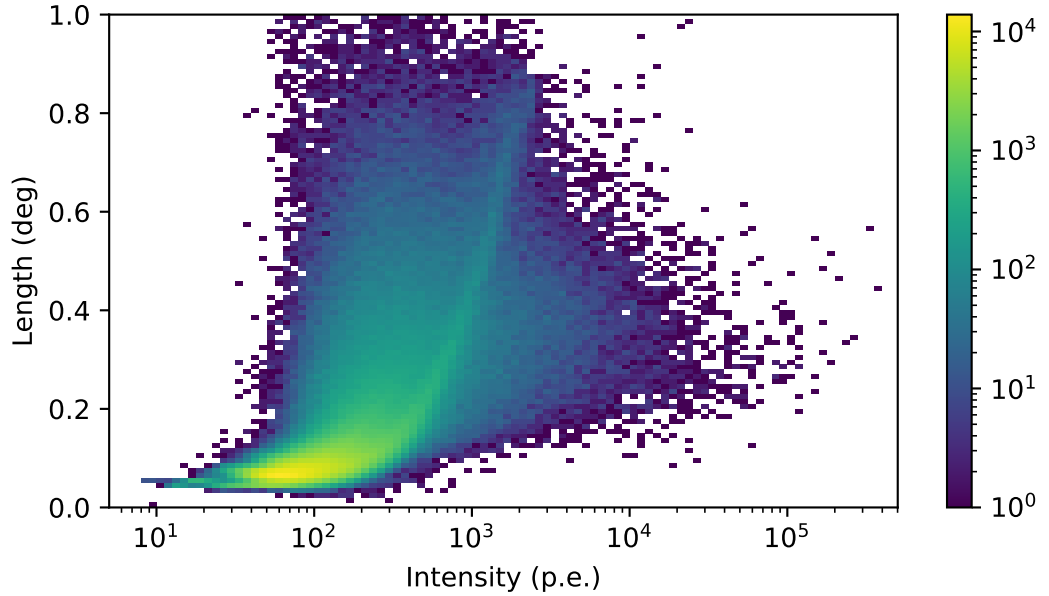


COSMICS, image parameters

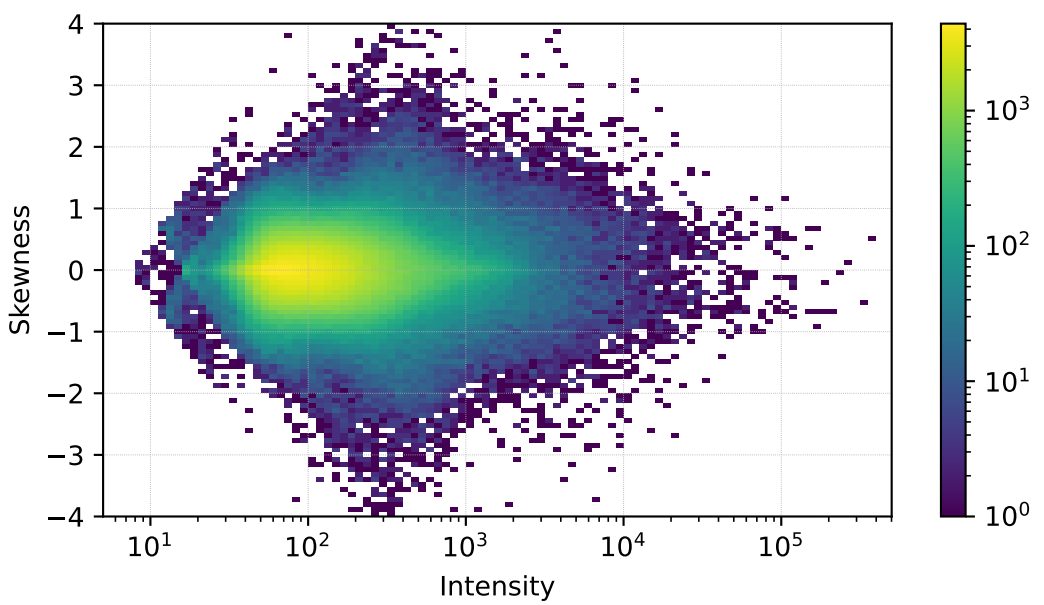


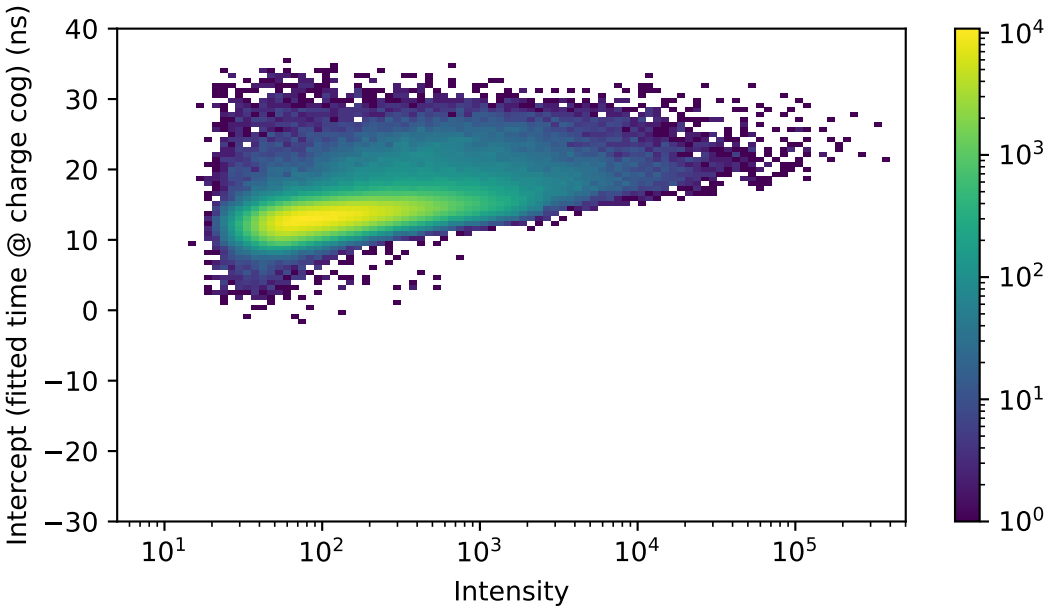


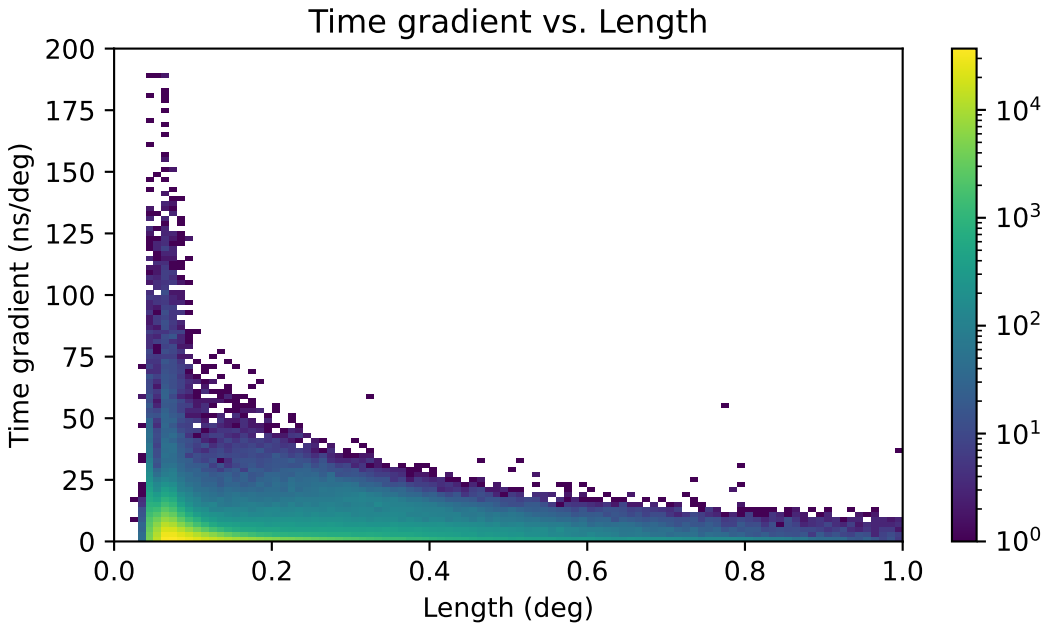


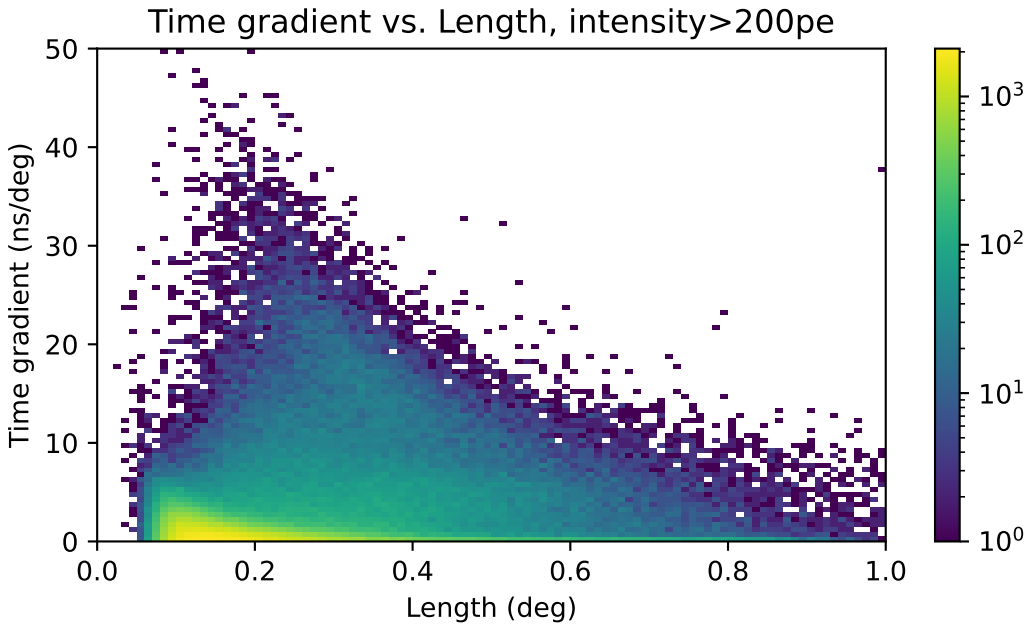


COSMICS, image parameters

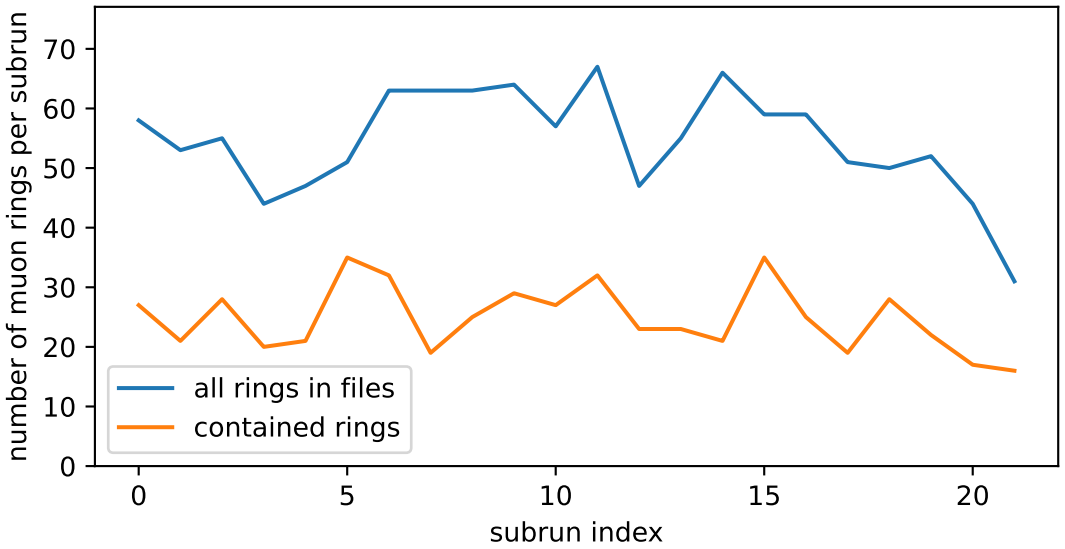


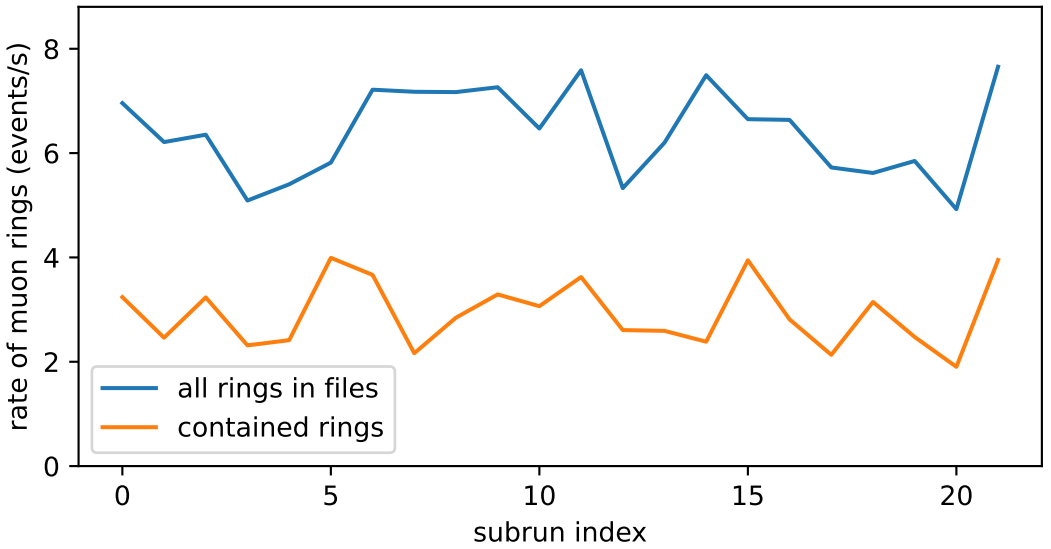


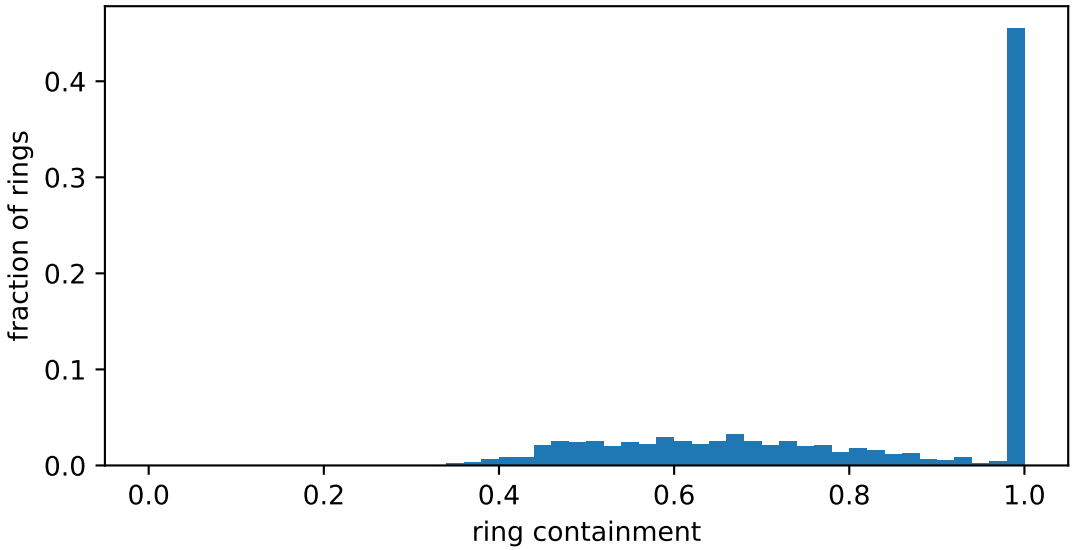


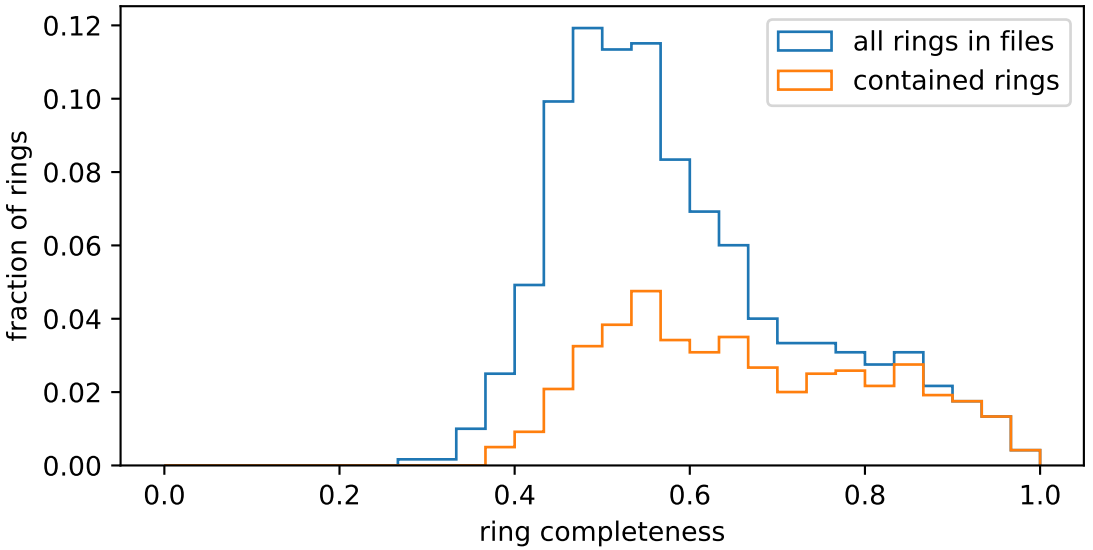


MUON RINGS

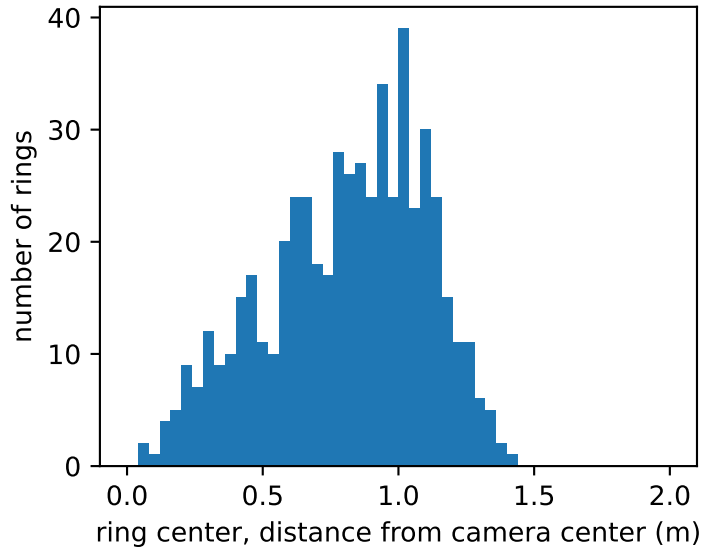

number of muon rings per subrun
subrun index
all rings in files
contained rings

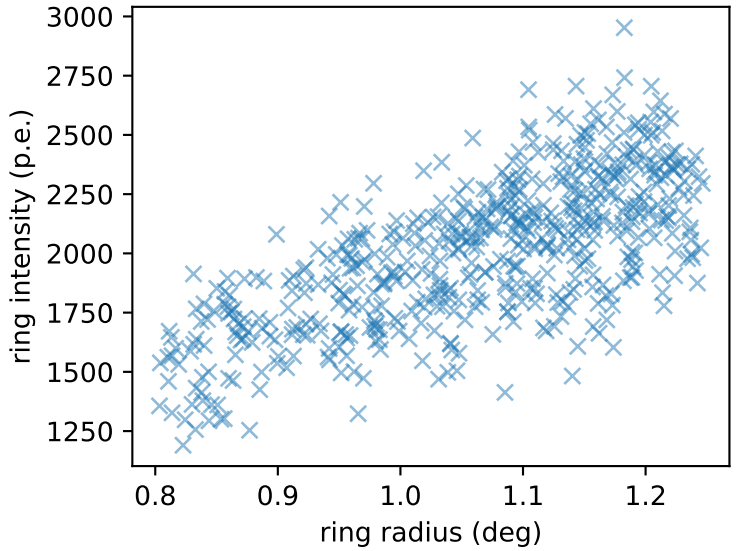

rate of muon rings (events/s)
subrun index
all rings in files
contained rings

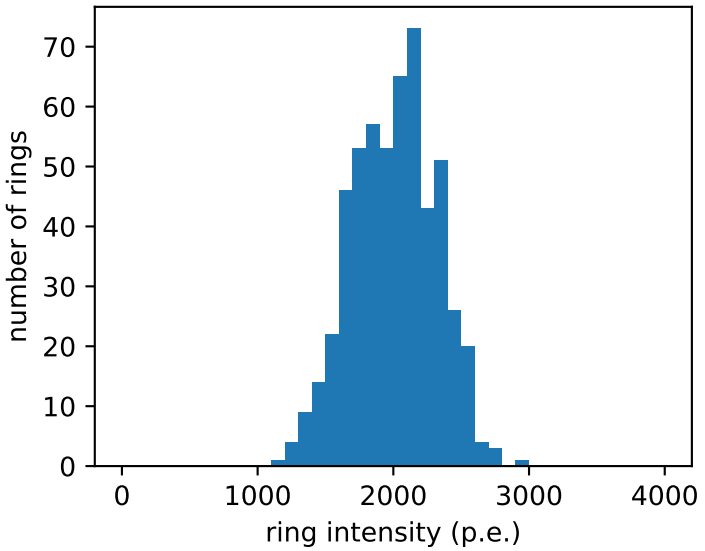

fraction of rings
ring containment

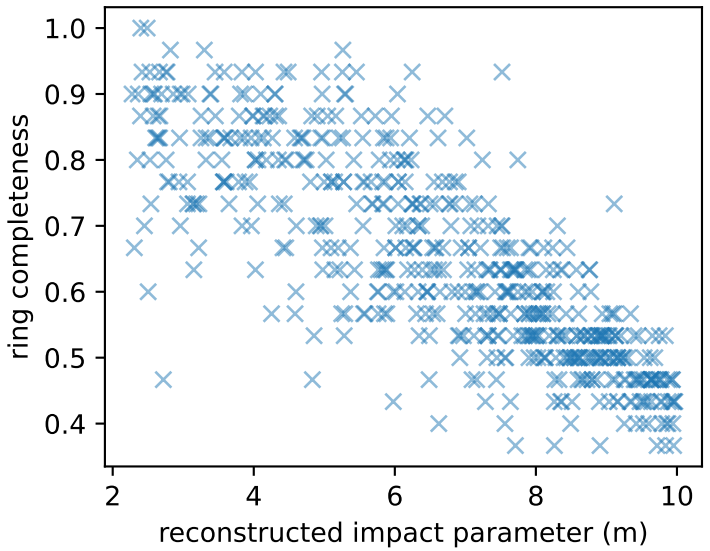

fraction of rings
ring completeness
all rings in files
contained rings

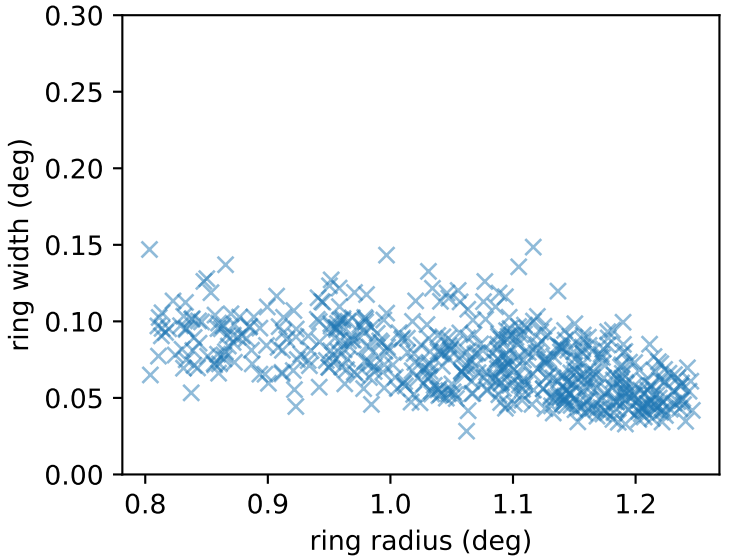
MUON RINGS with containment = 1

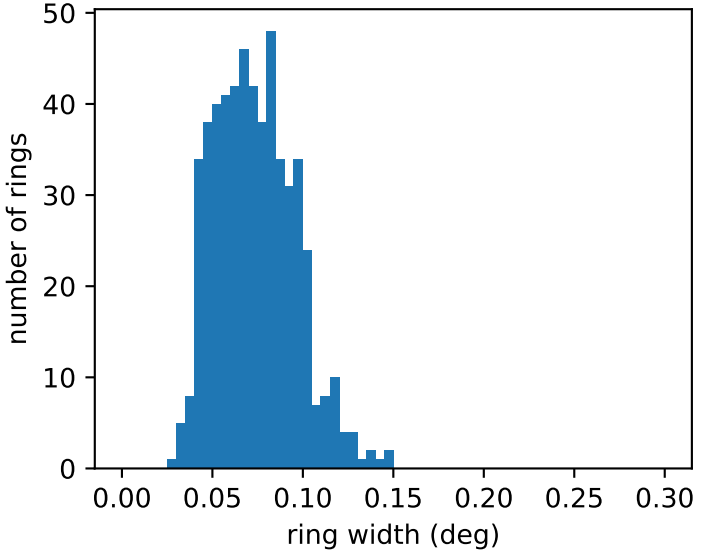












MUON RINGS with containment = 1