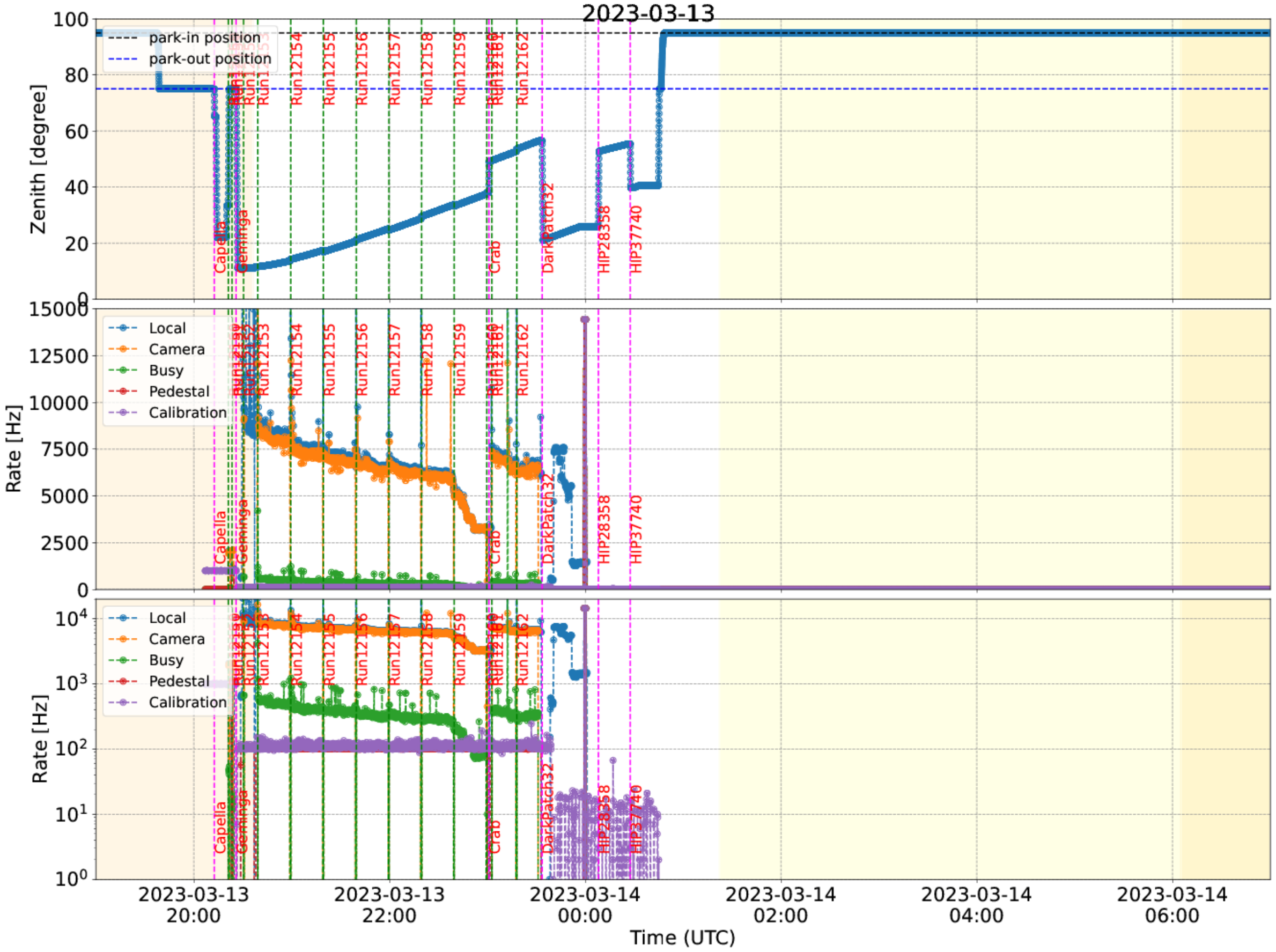
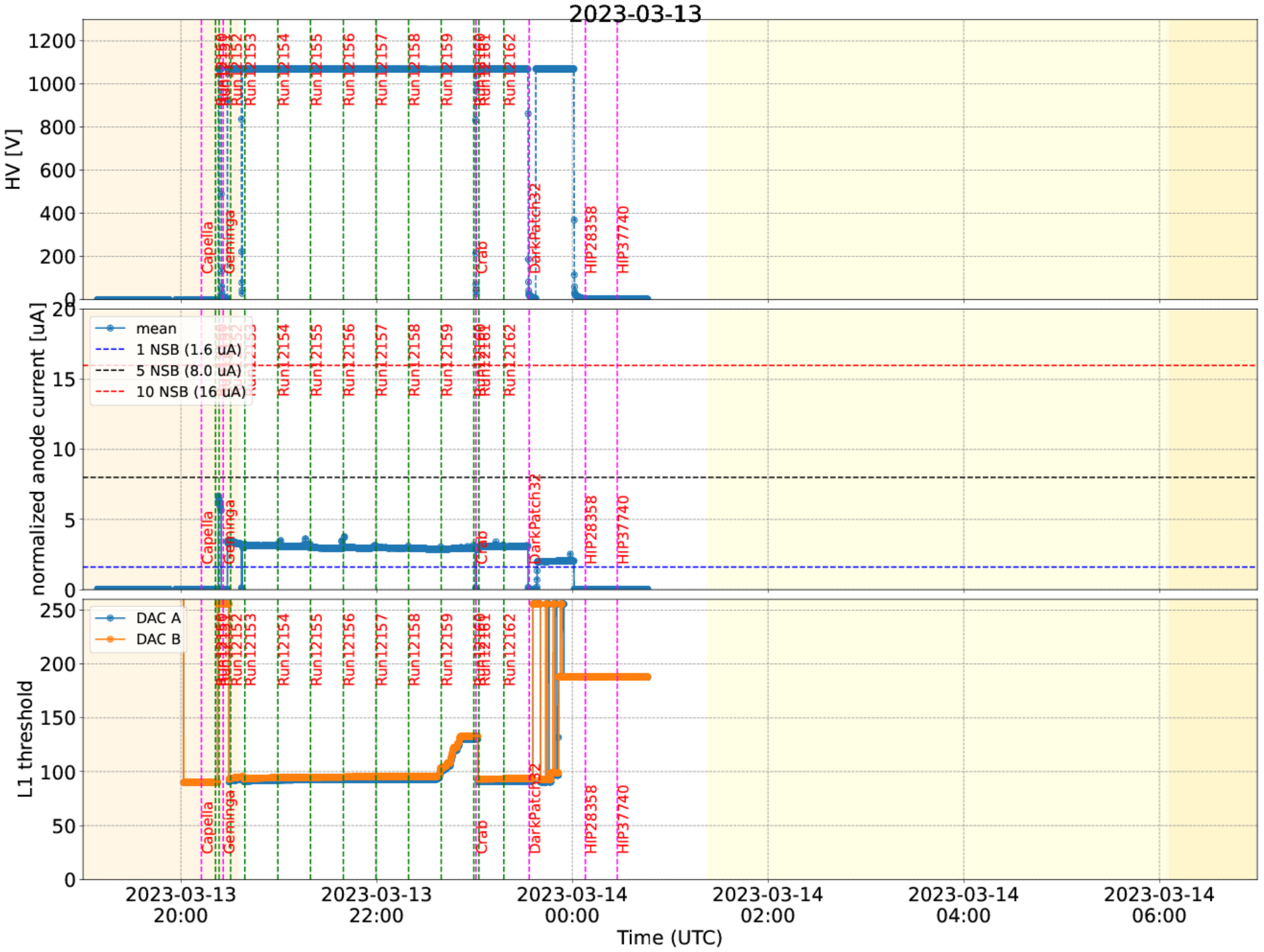
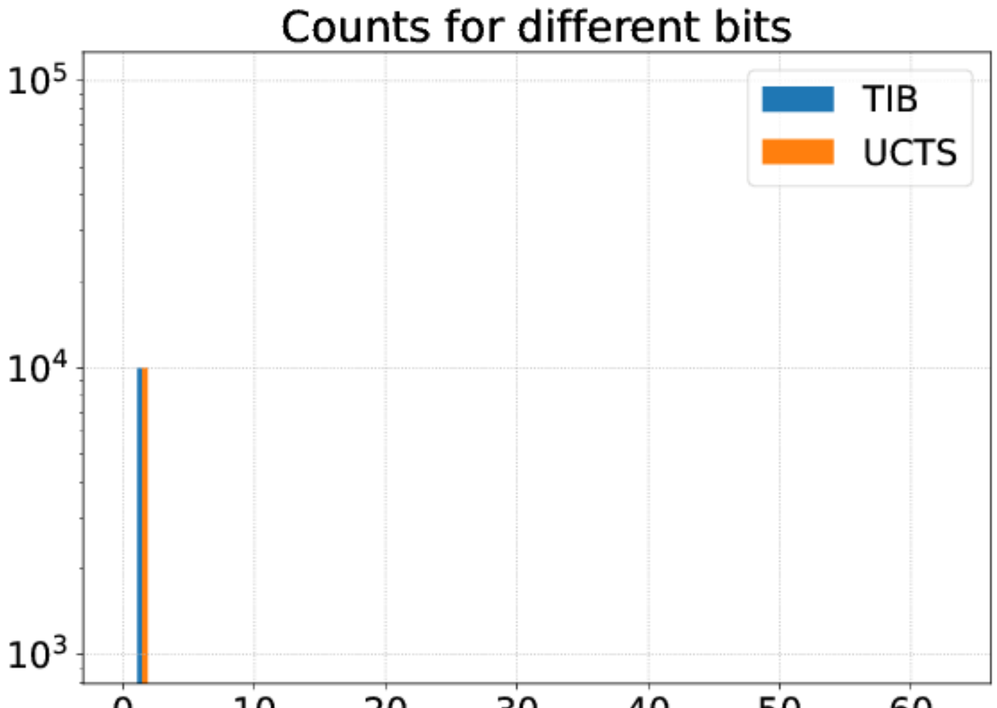
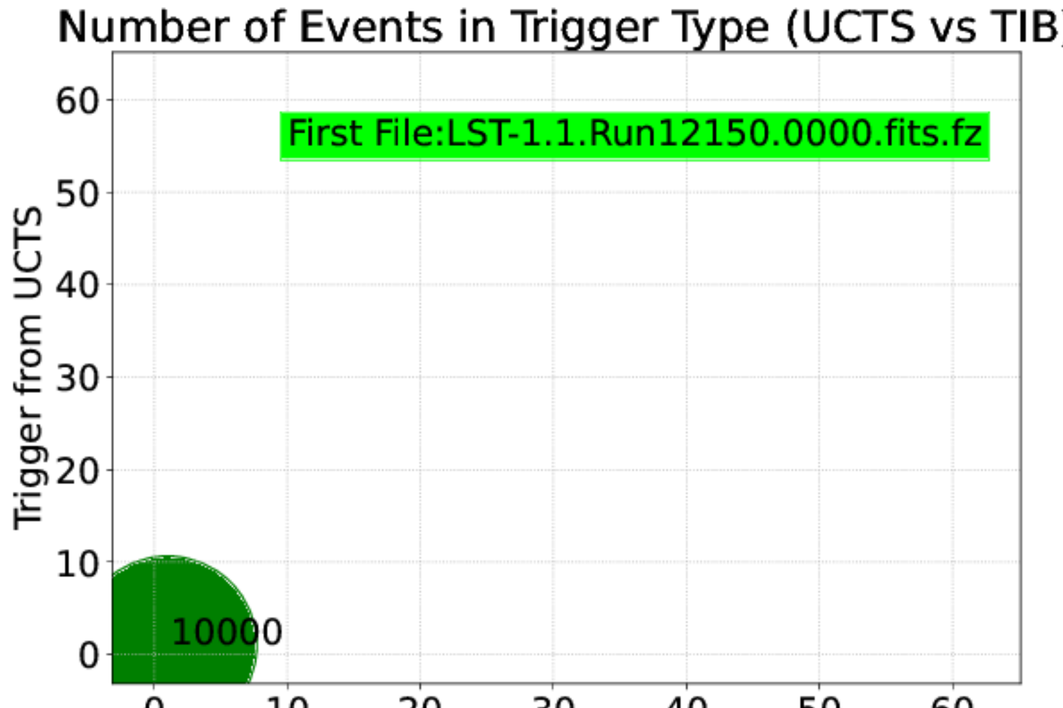
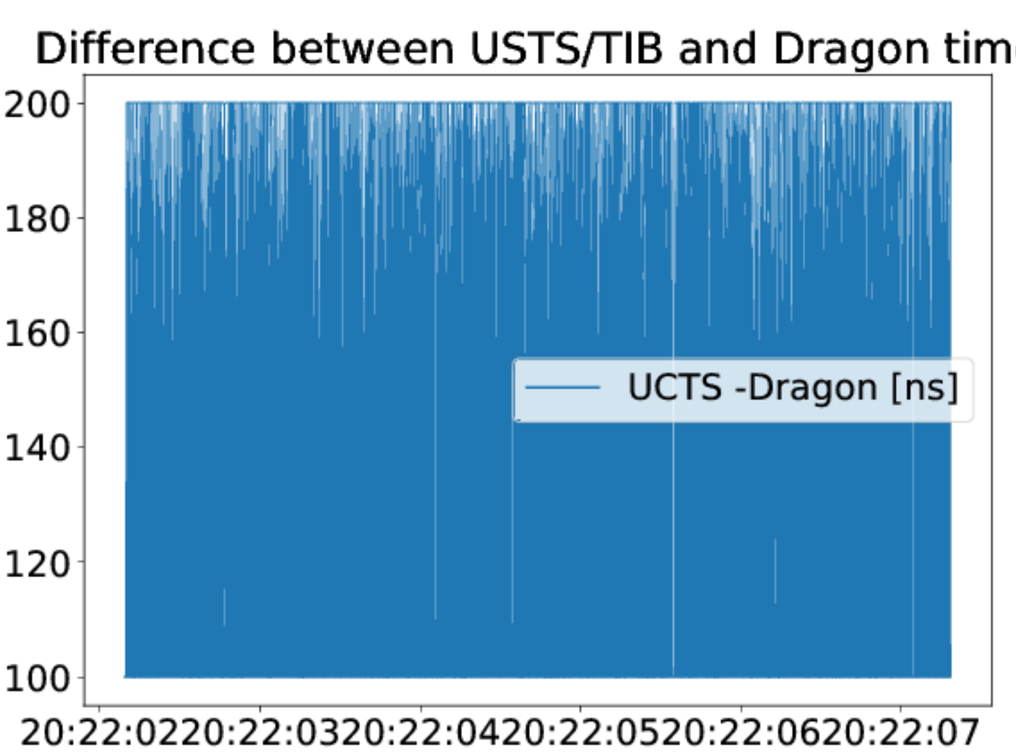
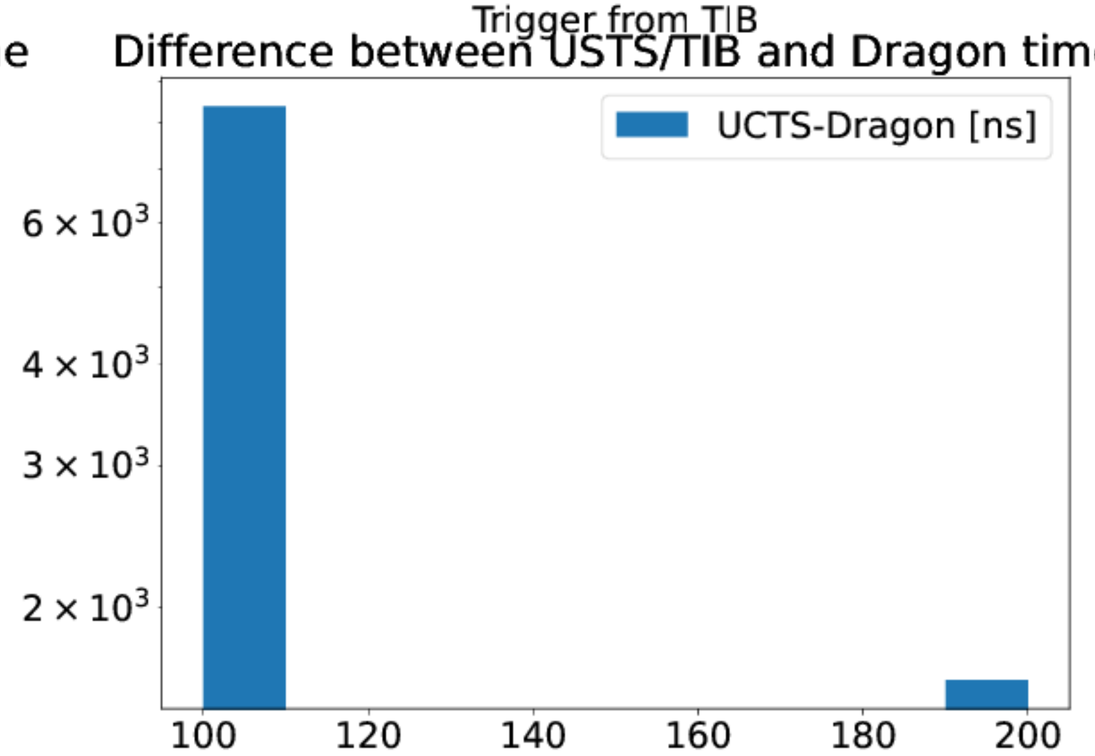

2023-03-13
Zenith [degree]
park-in position
park-out position
Capella
Geminga
Run12153
Run12154
Run12155
Run12156
Run12157
Run12158
Run12159
Run12161
Run12162
Crab
DarkPatch32
HIP28358
HIP37740
Rate [Hz]
Local
Camera
Busy
Pedestal
Calibration
2023-03-13 20:00
2023-03-13 22:00
2023-03-14 00:00
2023-03-14 02:00
2023-03-14 04:00
2023-03-14 06:00
Time (UTC)

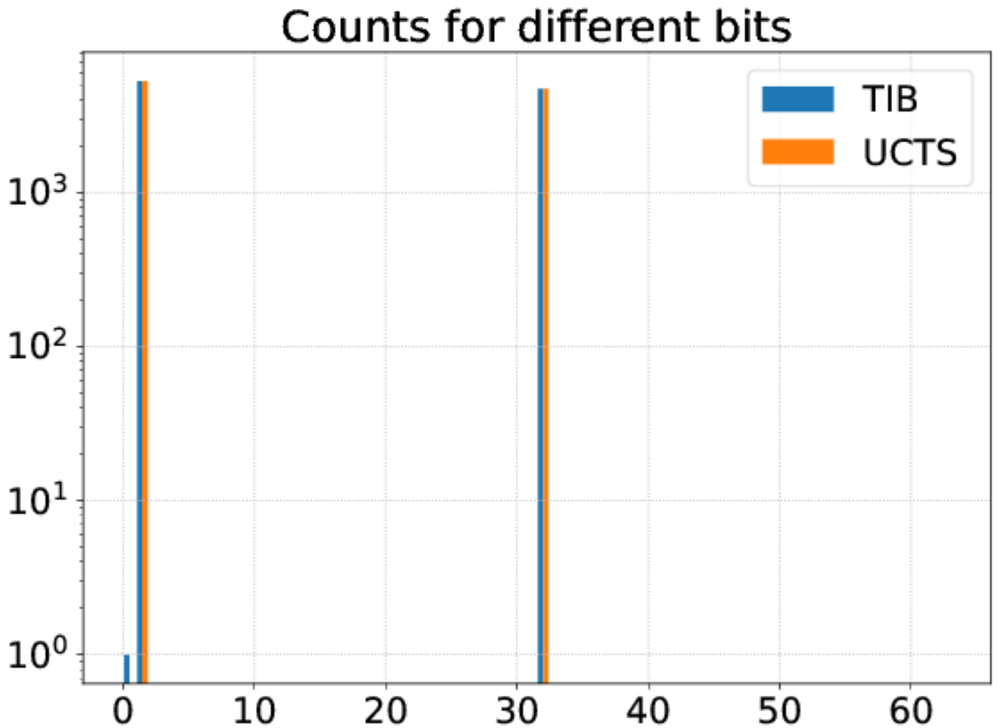

2023-03-13
HV [V]
1200
1000
800
600
400
200
0
Capella
Geminga
Crab
DarkPatch32
HIP28358
HIP37740
Run12153
Run12154
Run12155
Run12156
Run12157
Run12158
Run12159
Run12162
normalized anode current [uA]
20
15
10
5
0
mean
1 NSB (1.6 uA)
5 NSB (8.0 uA)
10 NSB (16 uA)
L1 threshold
250
200
150
100
50
0
DAC A
DAC B
2023-03-13 20:00
2023-03-13 22:00
2023-03-14 00:00
2023-03-14 02:00
2023-03-14 04:00
2023-03-14 06:00
Time (UTC)

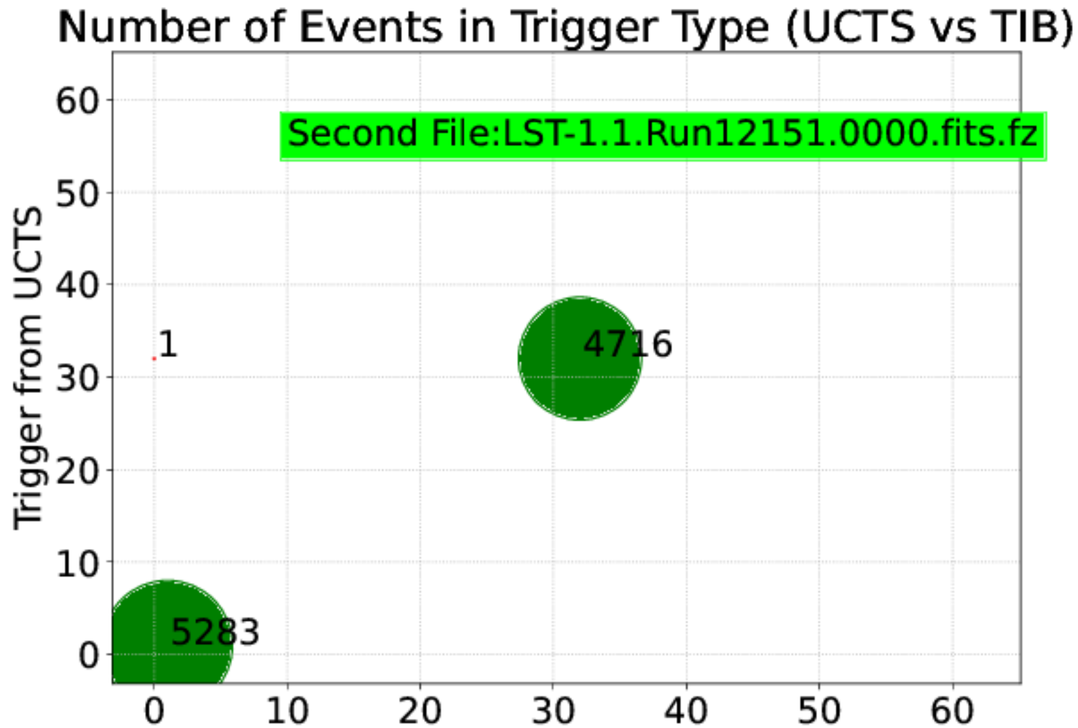

Counts for different bits
TIB
UCTS
10^5
10^4
10^3
0
10
20
30
40
50
60

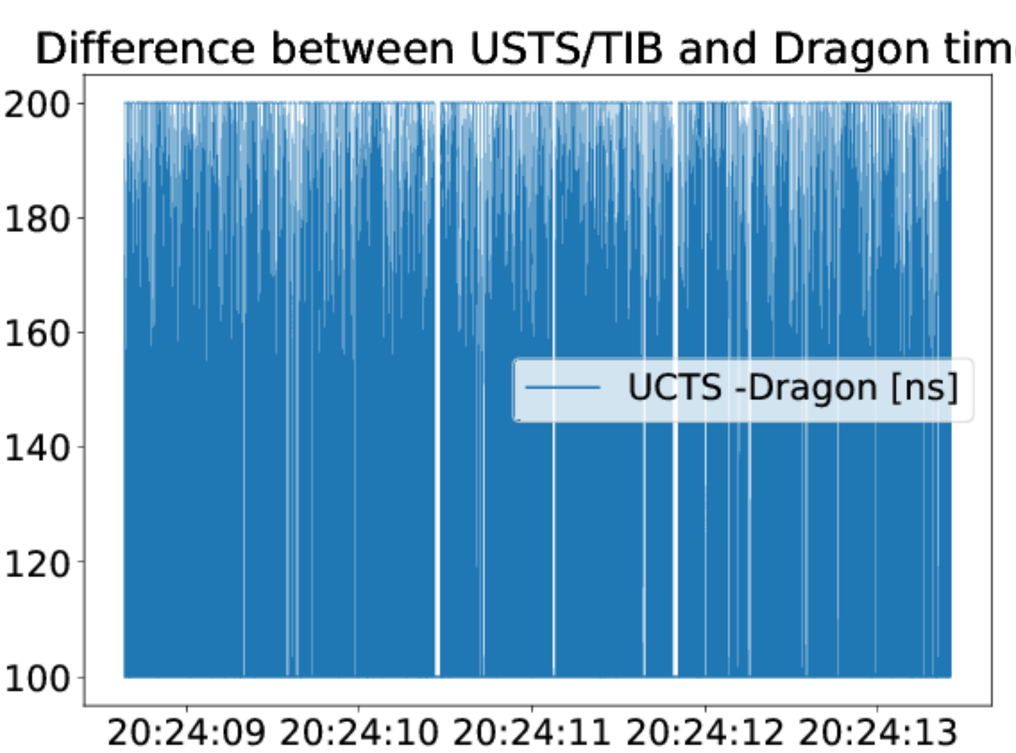

Number of Events in Trigger Type (UCTS vs TIB)
First File:LST-1.1.Run12150.0000.fits.fz
Trigger from UCTS
10000
Trigger from TIB
0
10
20
30
40
50
60

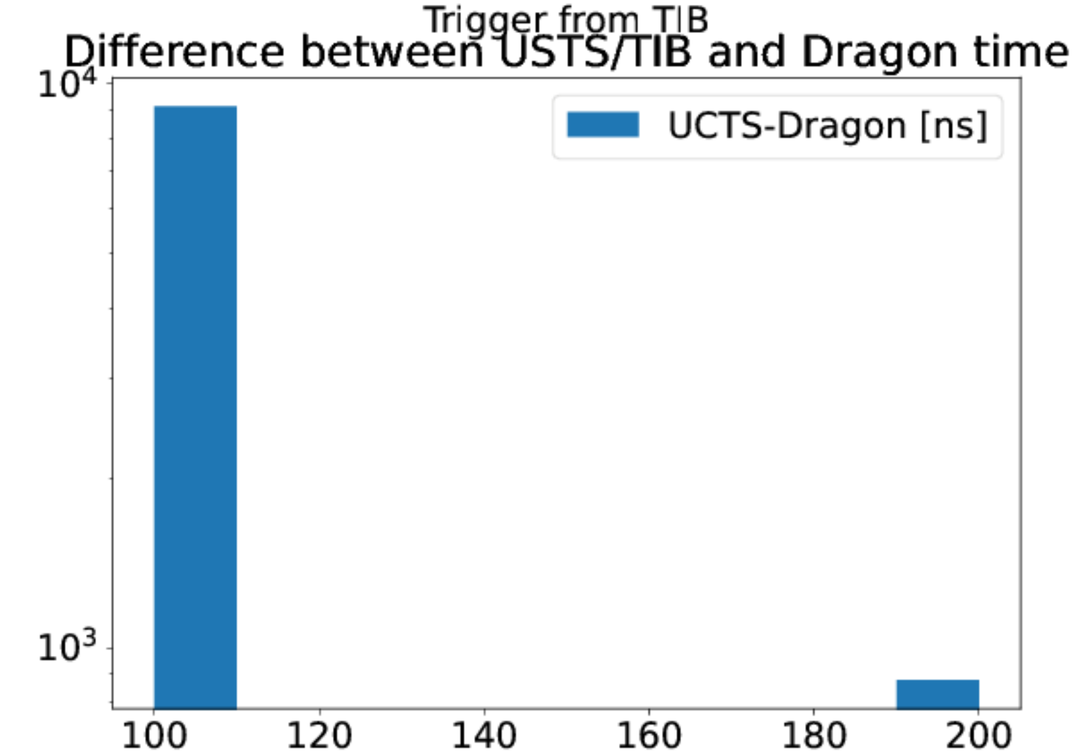

Difference between USTS/TIB and Dragon time
UCTS -Dragon [ns]
200
180
160
140
120
100
20:22:02
20:22:03
20:22:04
20:22:05
20:22:06
20:22:07

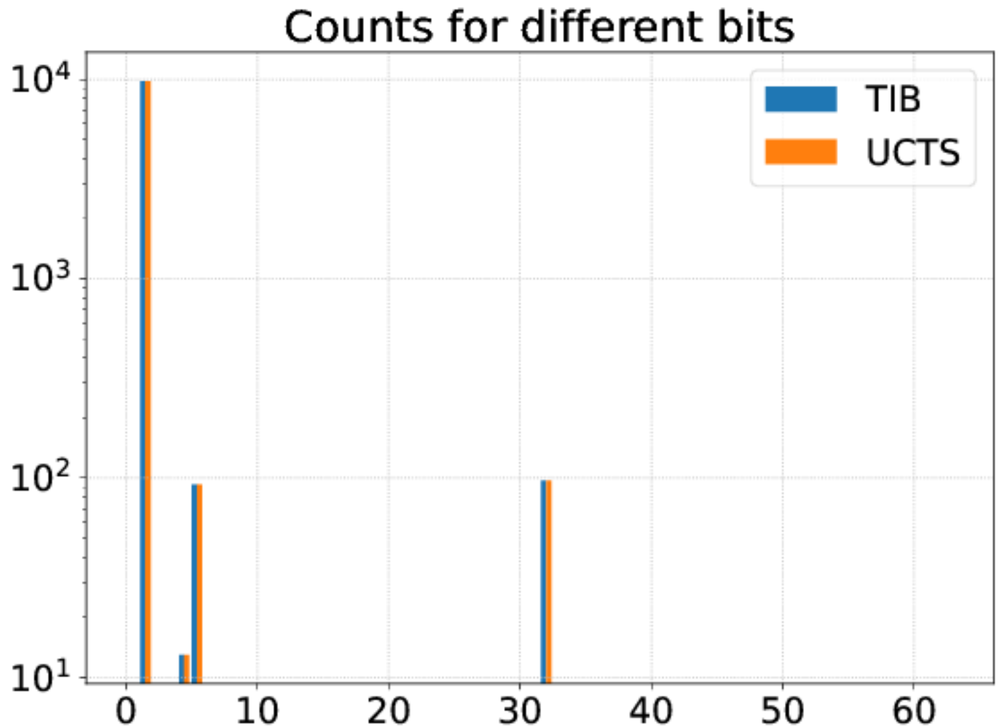

Difference between USTS/TIB and Dragon time
UCTS-Dragon [ns]
6×10^3
4×10^3
3×10^3
2×10^3
100
120
140
160
180
200

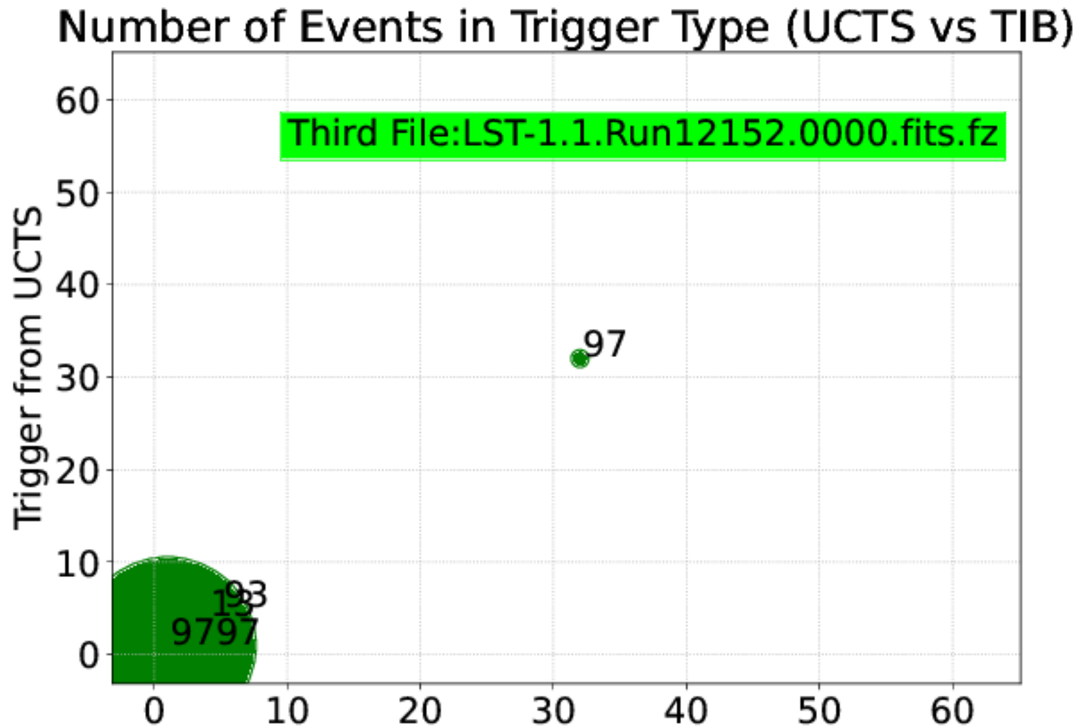

Counts for different bits
TIB
UCTS
10^3
10^2
10^1
10^0
0
10
20
30
40
50
60

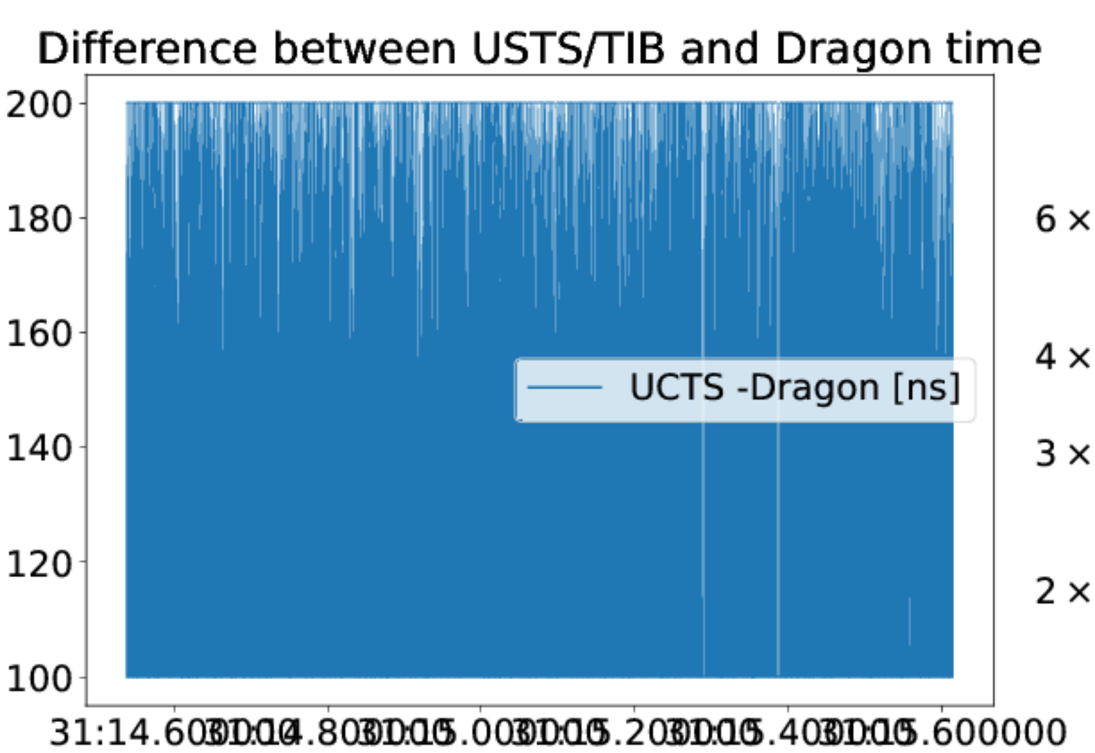

Number of Events in Trigger Type (UCTS vs TIB)
Second File:LST-1.1.Run12151.0000.fits.fz
Trigger from UCTS
1
4716
5283
0
10
20
30
40
50
60
Trigger from TIB

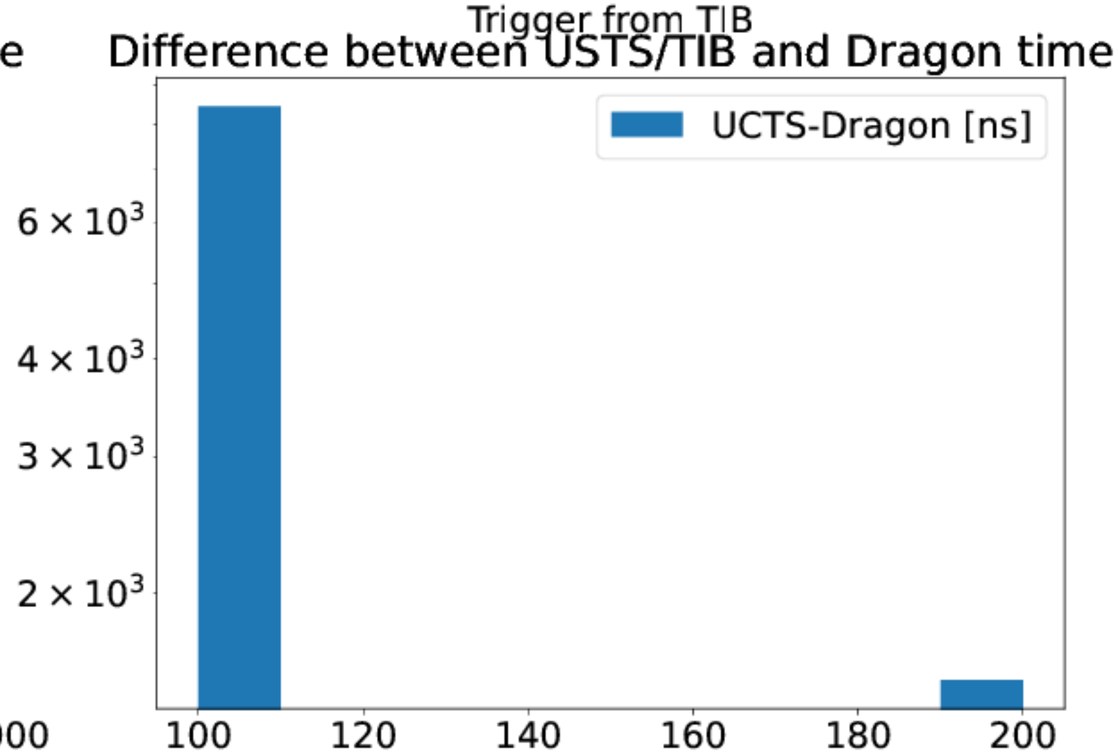

Difference between USTS/TIB and Dragon time
UCTS -Dragon [ns]
200
180
160
140
120
100
20:24:09
20:24:10
20:24:11
20:24:12
20:24:13

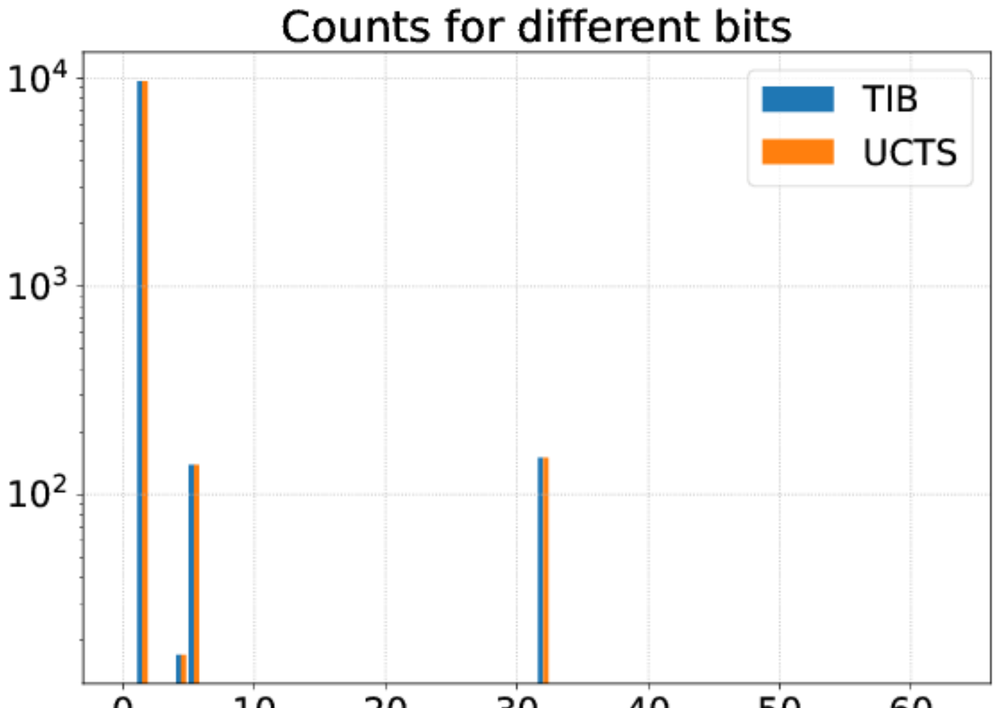

Difference between USTS/TIB and Dragon time
UCTS-Dragon [ns]
10^4
10^3
100
120
140
160
180
200

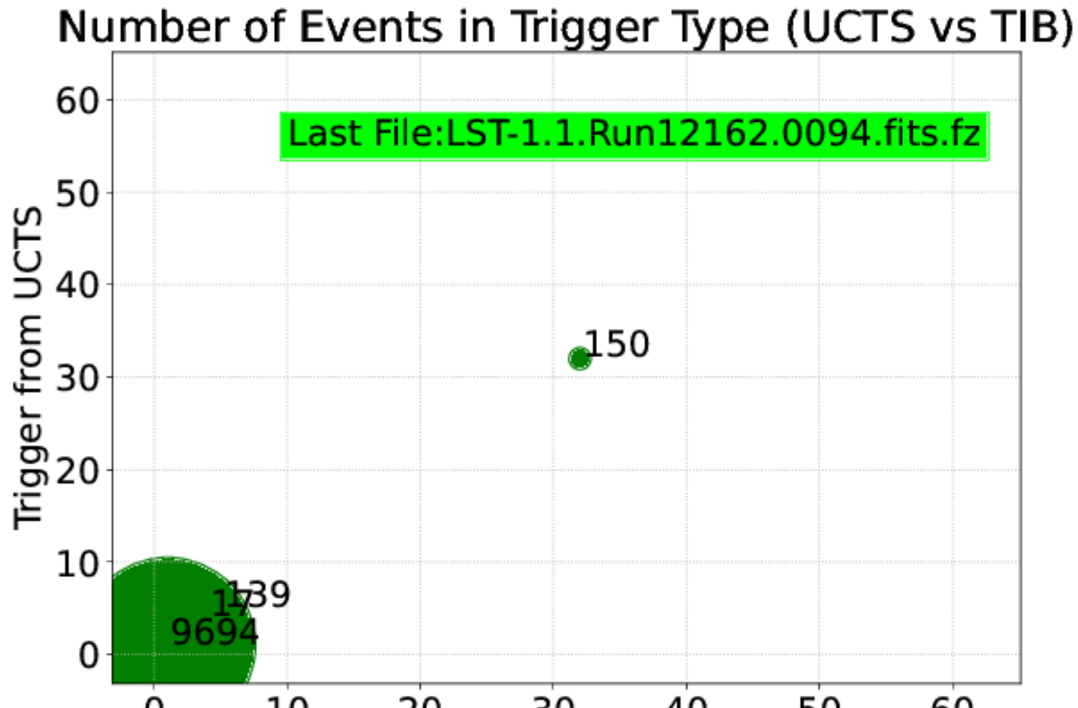

Counts for different bits
TIB
UCTS
10^4
10^3
10^2
10^1
0
10
20
30
40
50
60

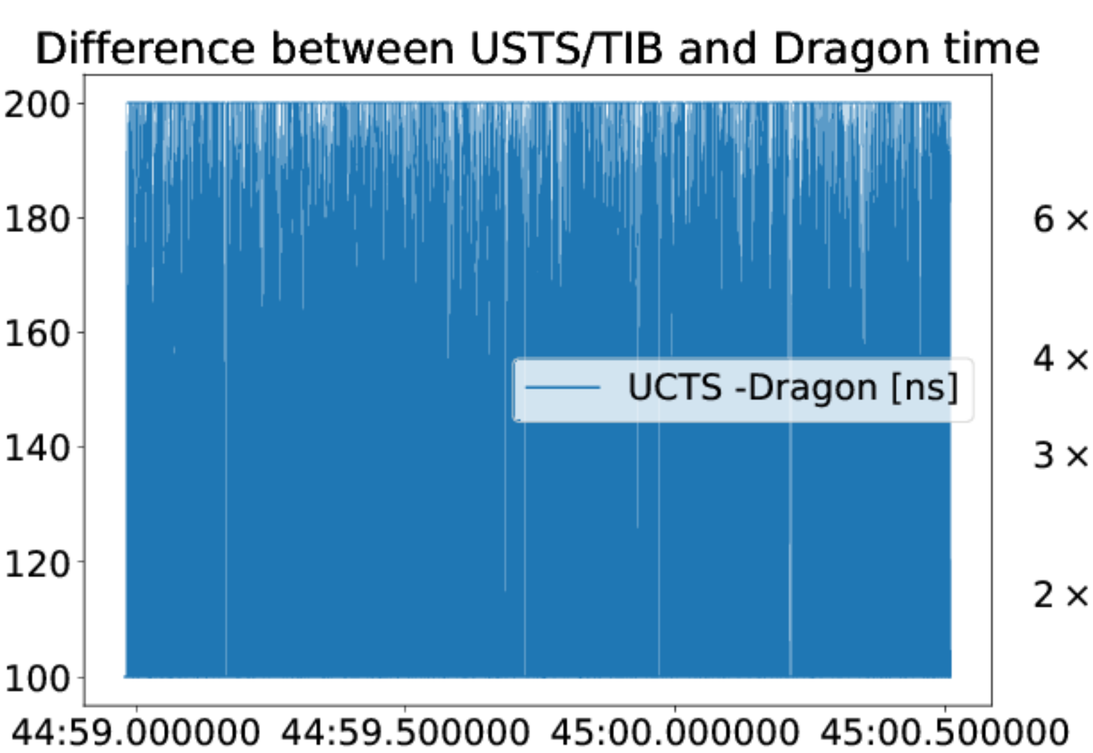

Number of Events in Trigger Type (UCTS vs TIB)
Third File:LST-1.1.Run12152.0000.fits.fz
Trigger from UCTS
Trigger from TIB
97
93
9797
0
10
20
30
40
50
60

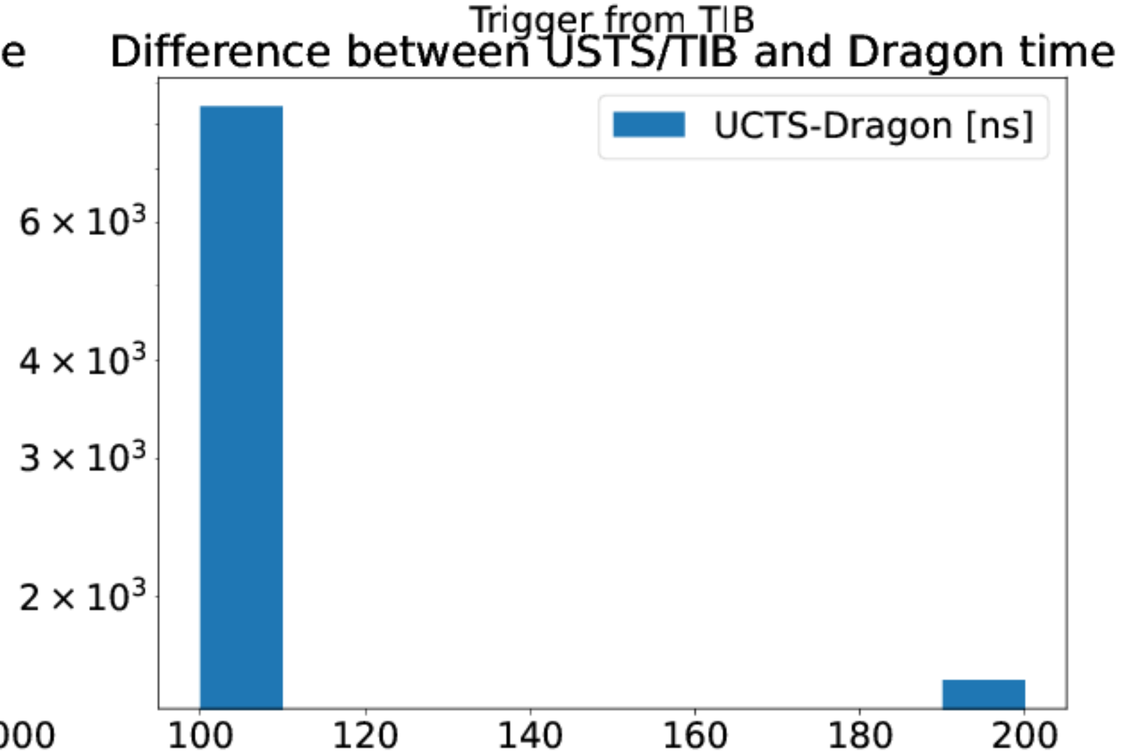

Difference between USTS/TIB and Dragon time
UCTS -Dragon [ns]
200
180
160
140
120
100
31:14.600000
31:14.800000
31:15.000000
31:15.200000
31:15.400000
31:15.600000


Difference between USTS/TIB and Dragon time
UCTS-Dragon [ns]
6×10^3
4×10^3
3×10^3
2×10^3
100
120
140
160
180
200

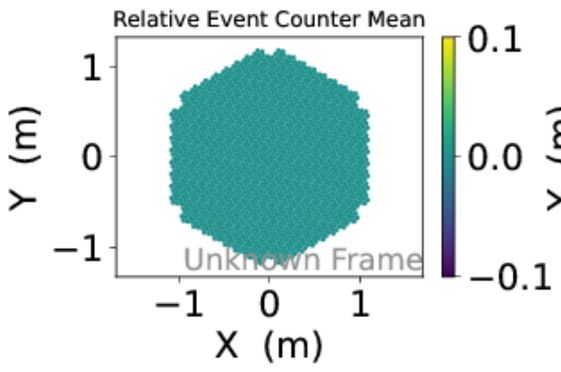

Counts for different bits
TIB
UCTS
10^4
10^3
10^2
0
10
20
30
40
50
60

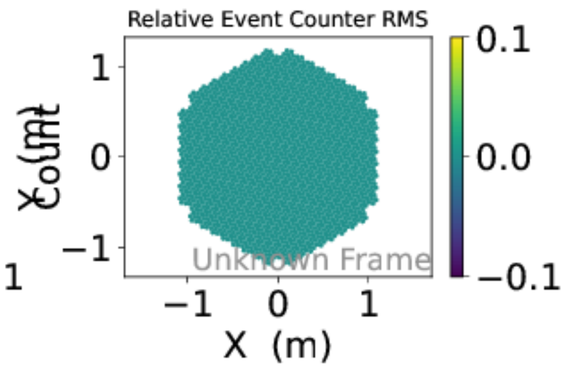

Number of Events in Trigger Type (UCTS vs TIB)
Last File:LST-1.1.Run12162.0094.fits.fz
150
139
9694
Trigger from UCTS
Trigger from TIB
0
10
20
30
40
50
60

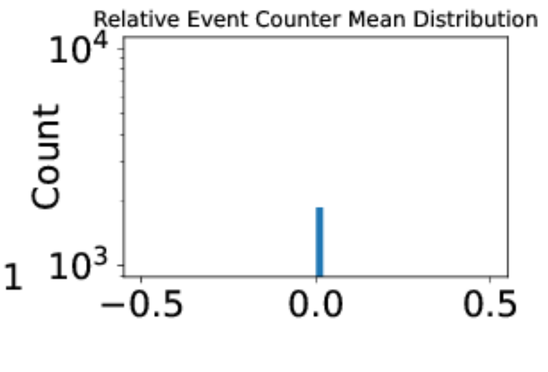

Difference between USTS/TIB and Dragon time
UCTS -Dragon [ns]
200
180
160
140
120
100
44:59.000000
44:59.500000
45:00.000000
45:00.500000

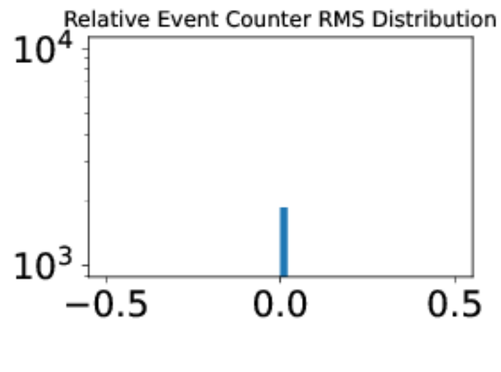

Difference between USTS/TIB and Dragon time
UCTS-Dragon [ns]
6×10^3
4×10^3
3×10^3
2×10^3
100
120
140
160
180
200

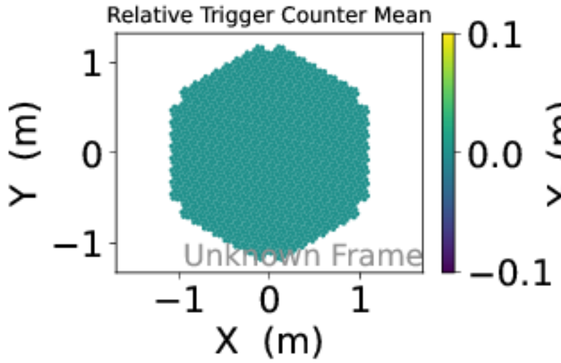
First File:LST-1.1.Run12150.0000.fits.fz

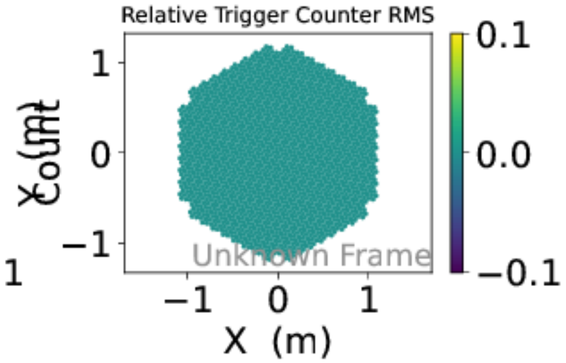


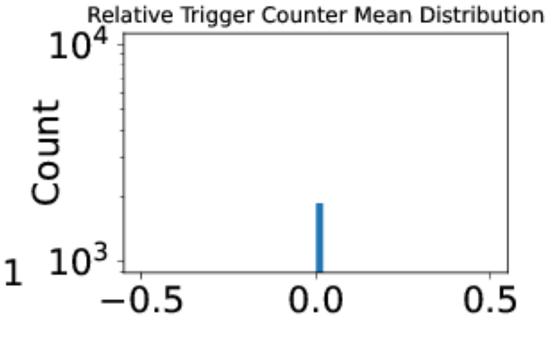


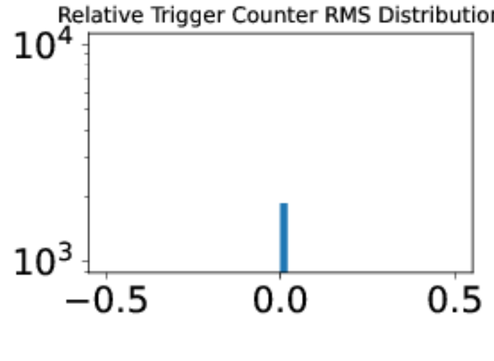


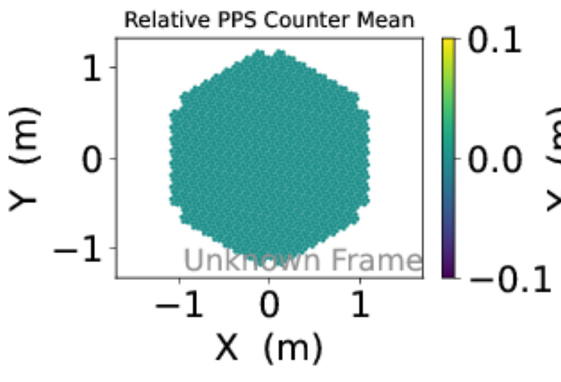


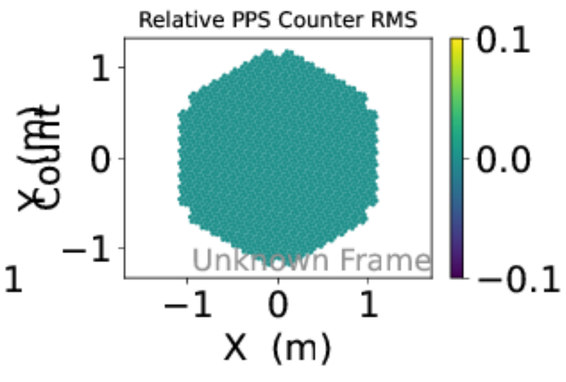


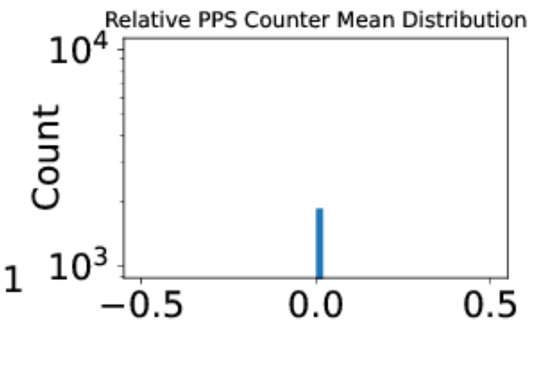


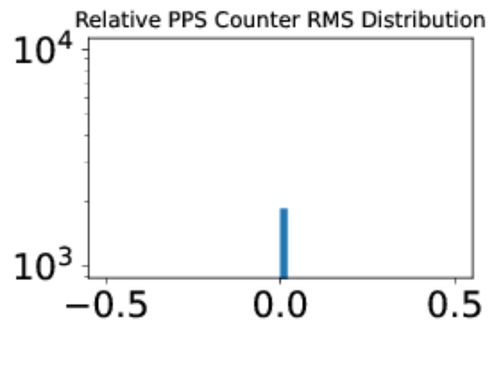


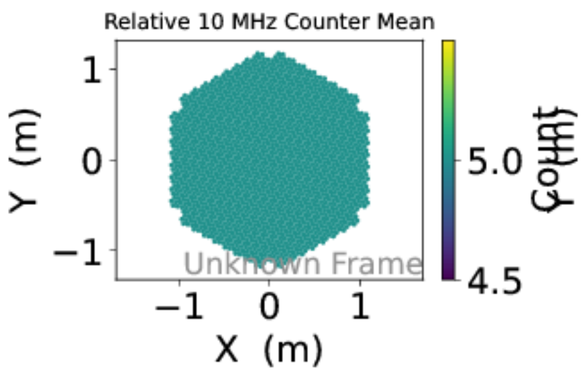


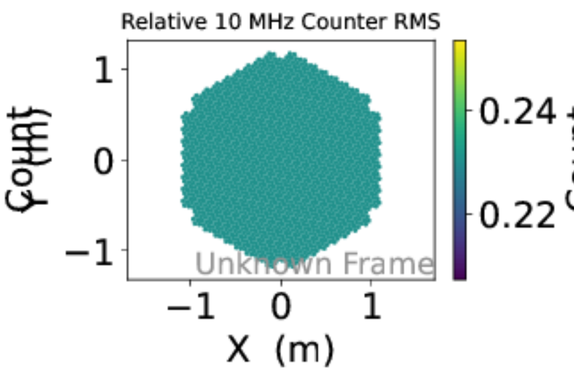


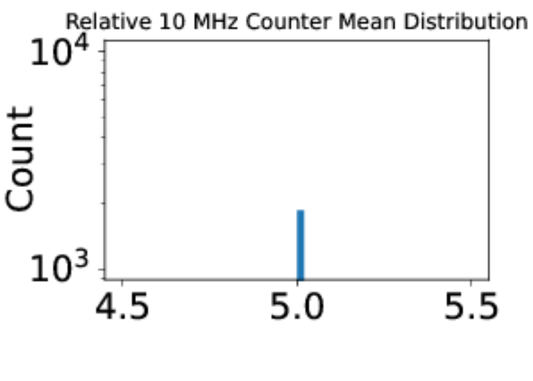


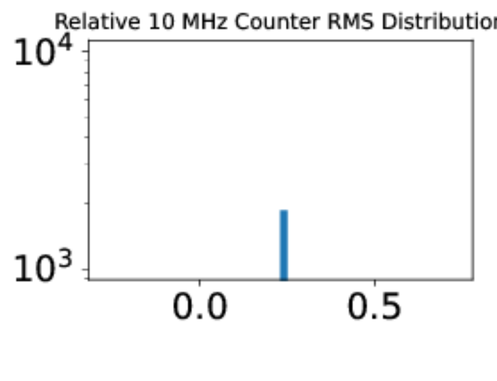




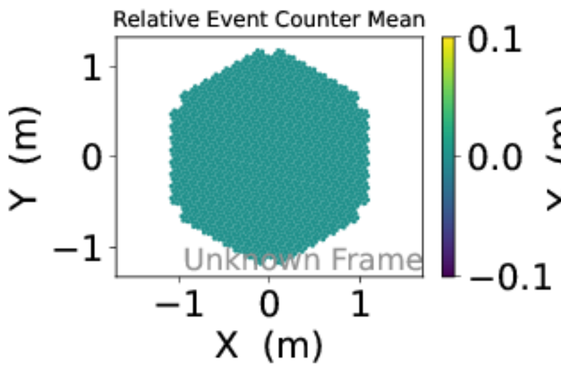


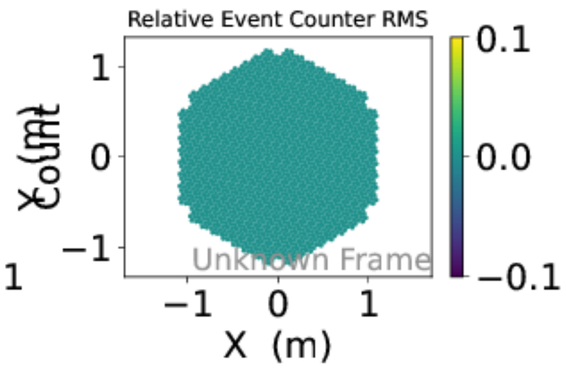


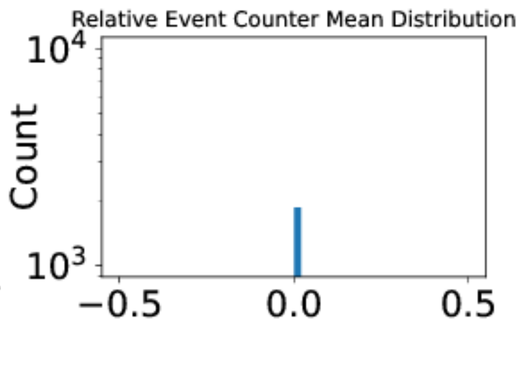


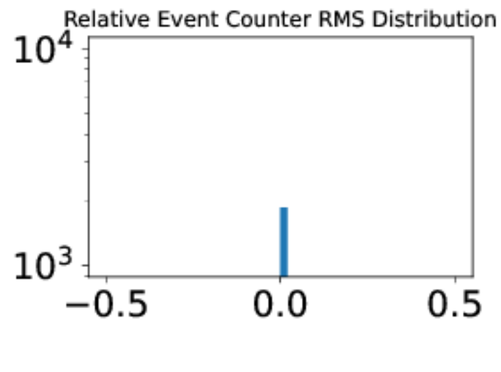


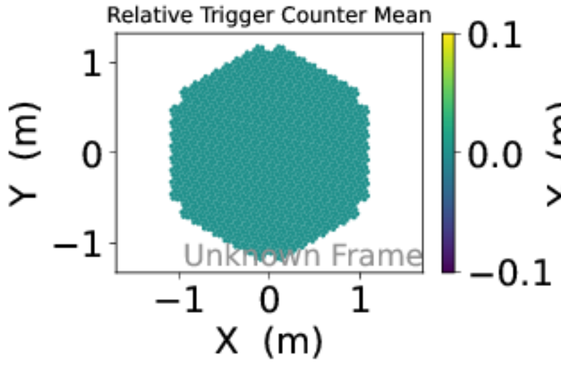
Last File:LST-1.1.Run12162.0094.fits.fz

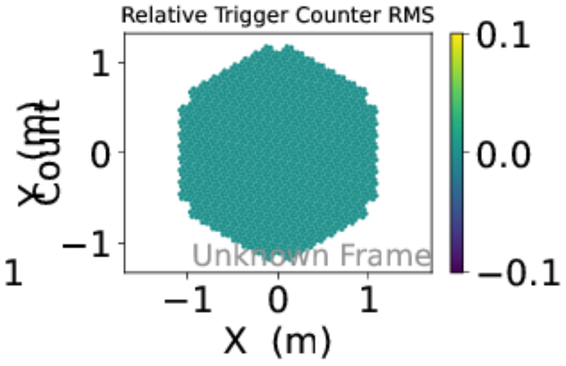


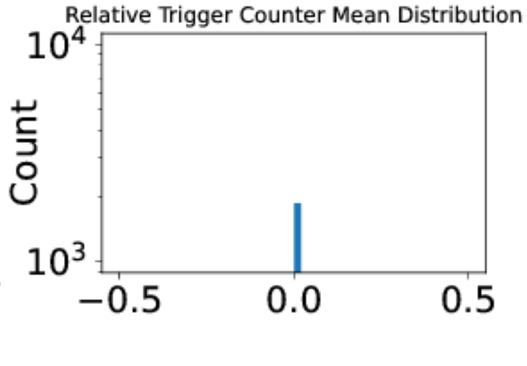


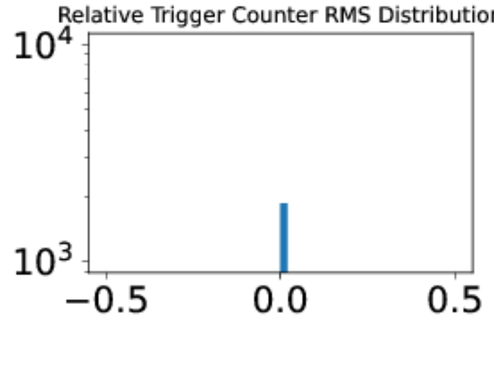


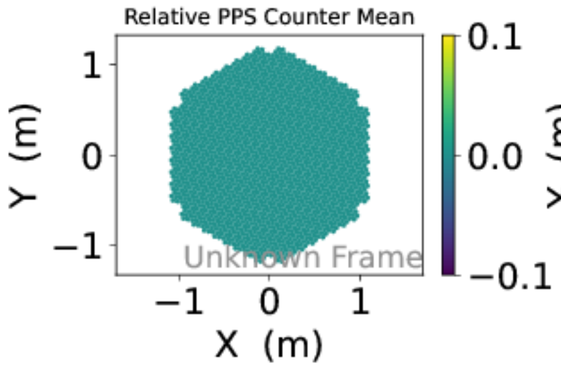


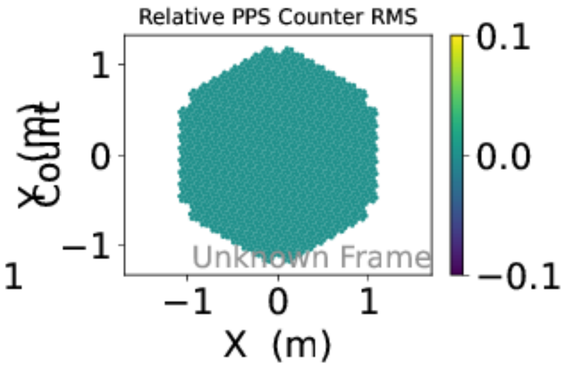


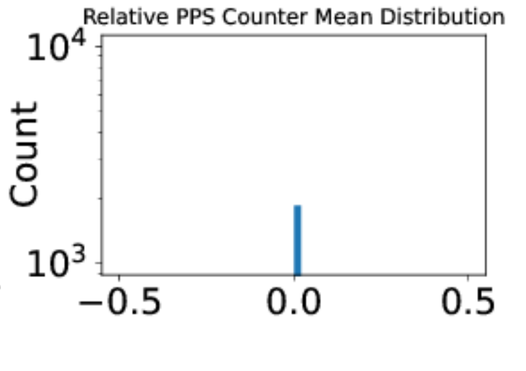


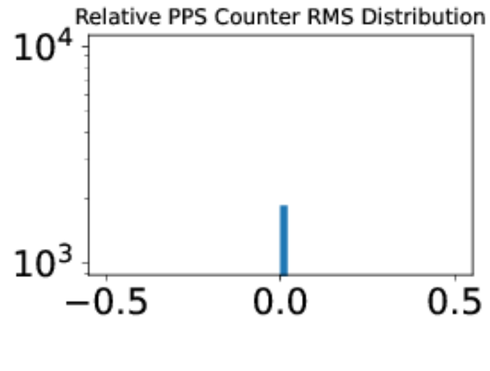


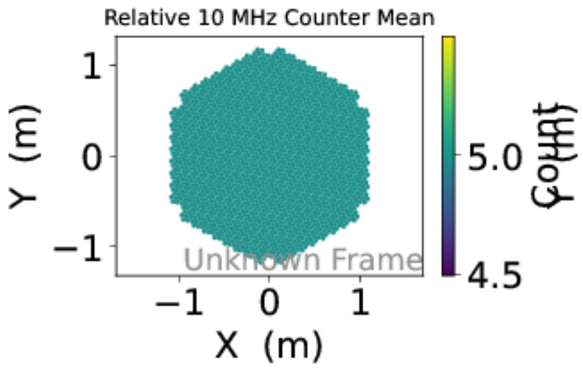


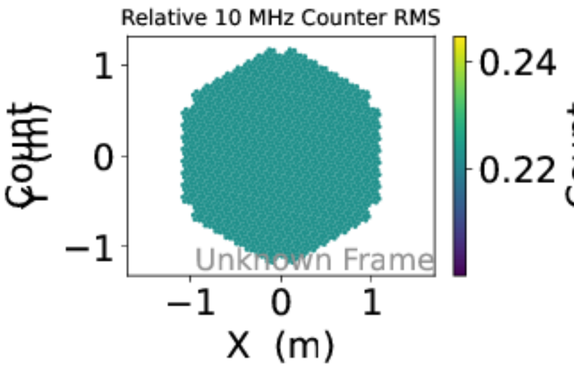


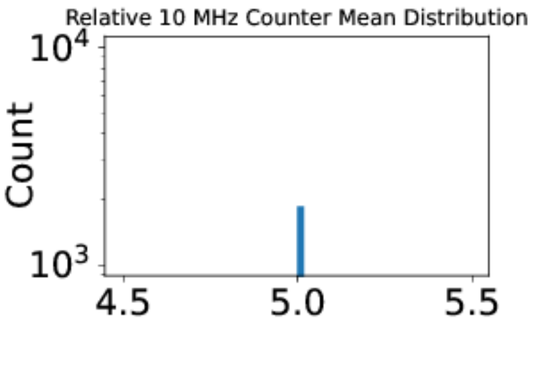


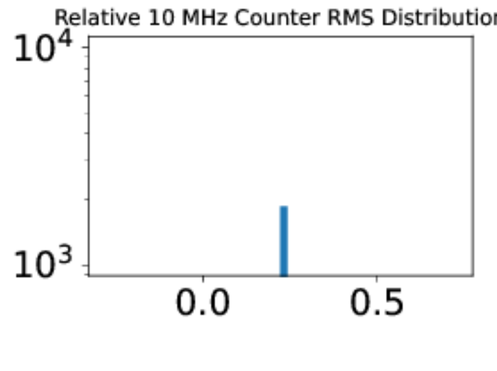












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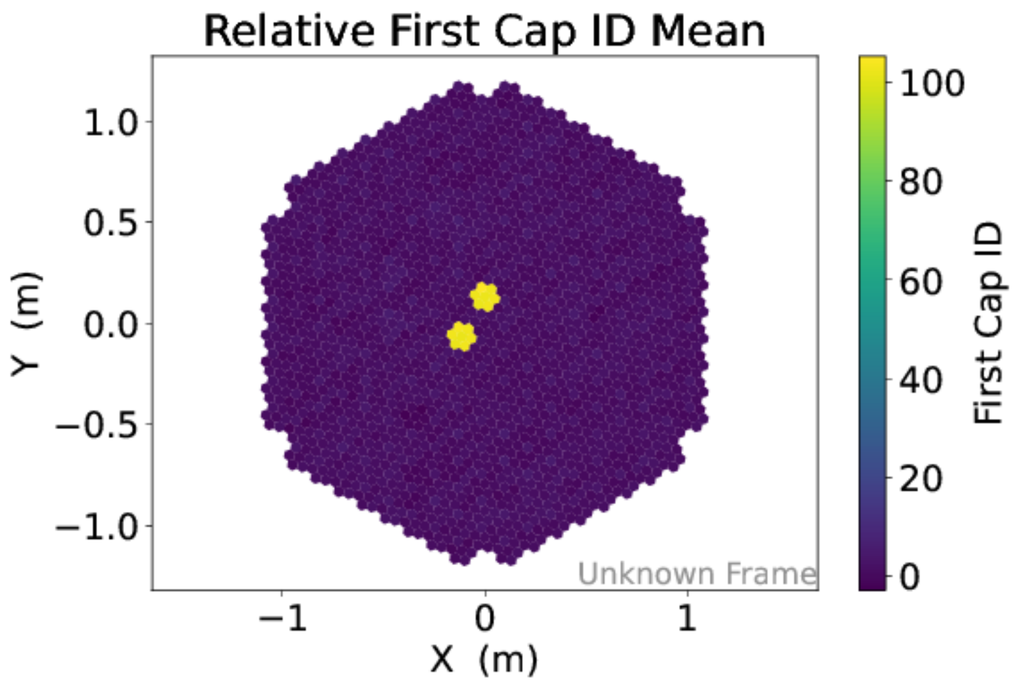

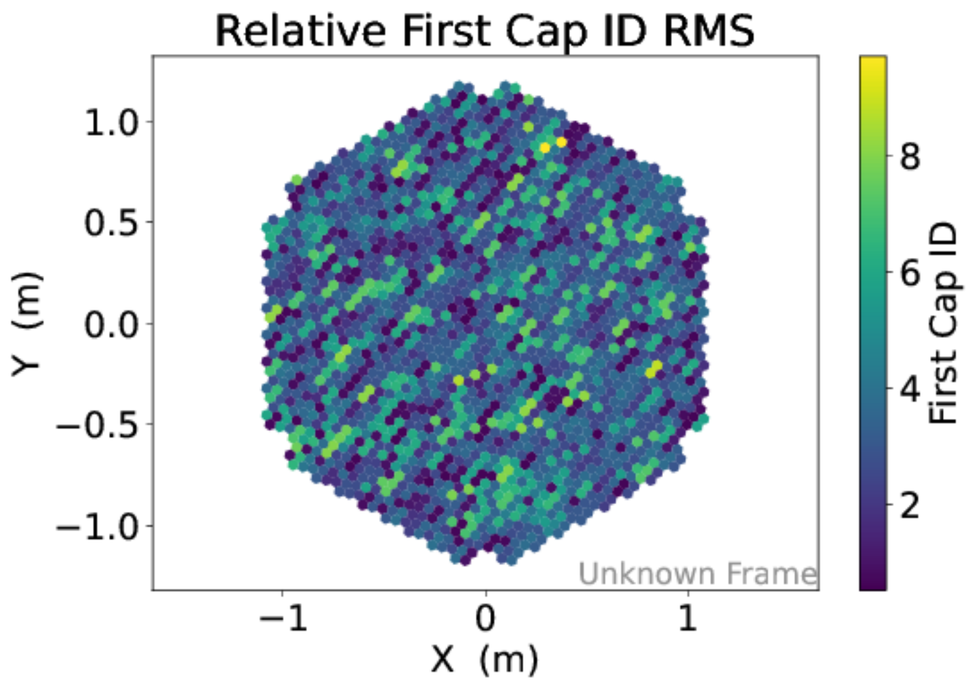

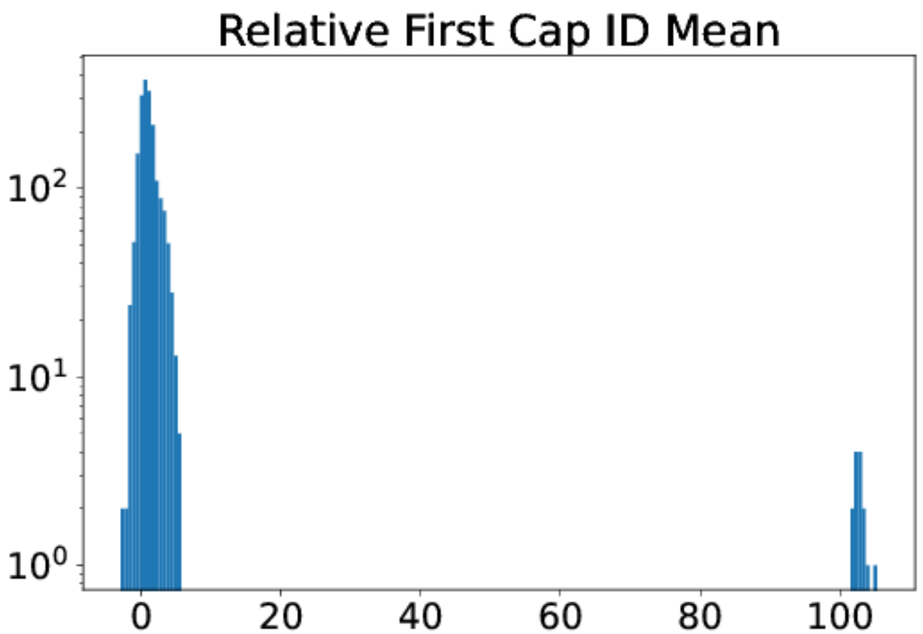

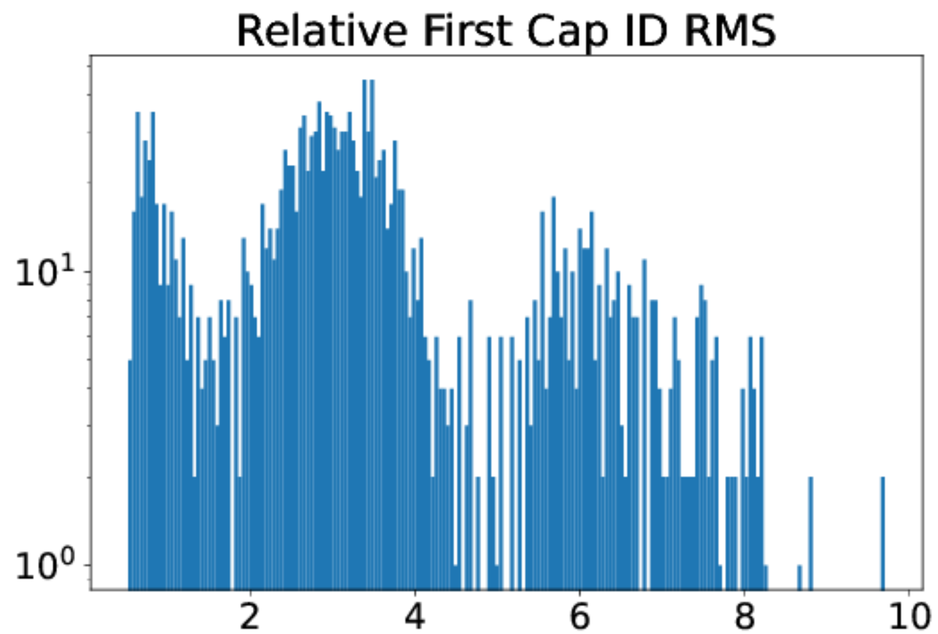

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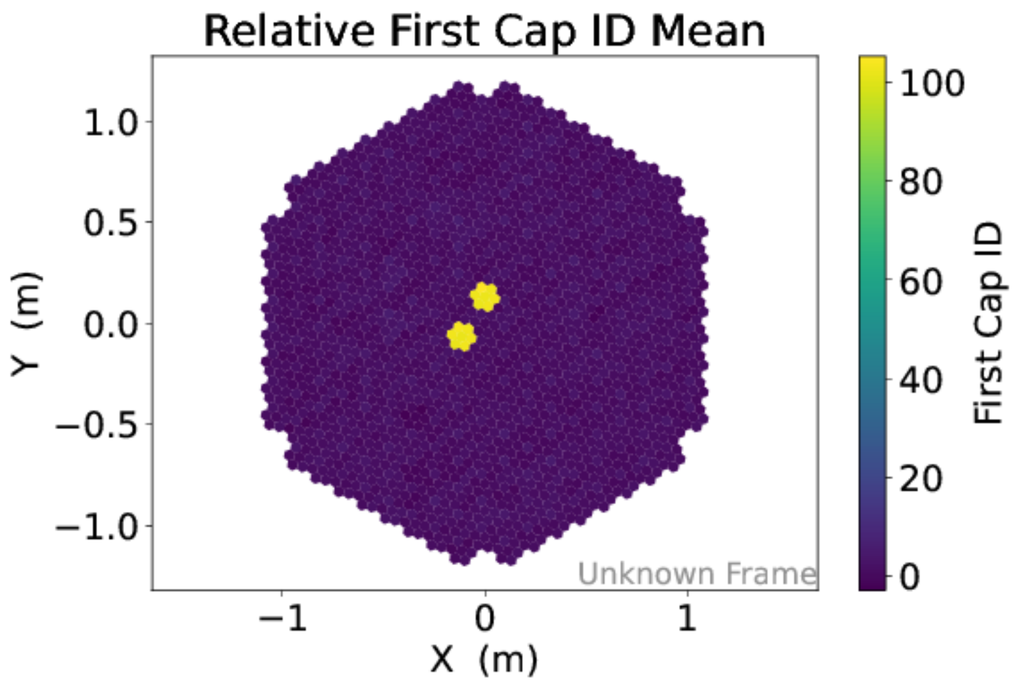

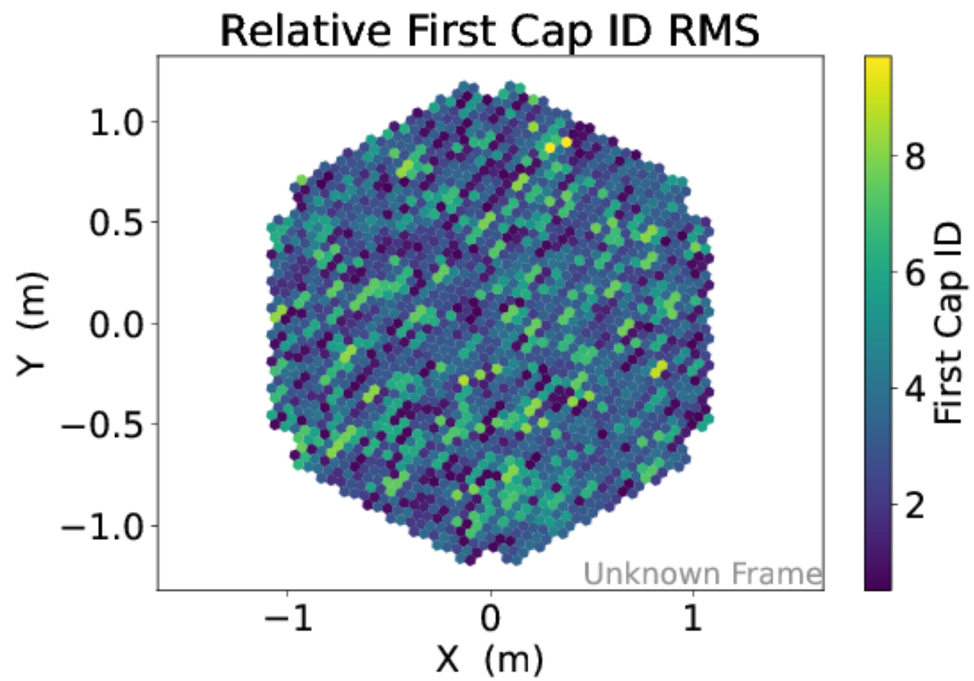

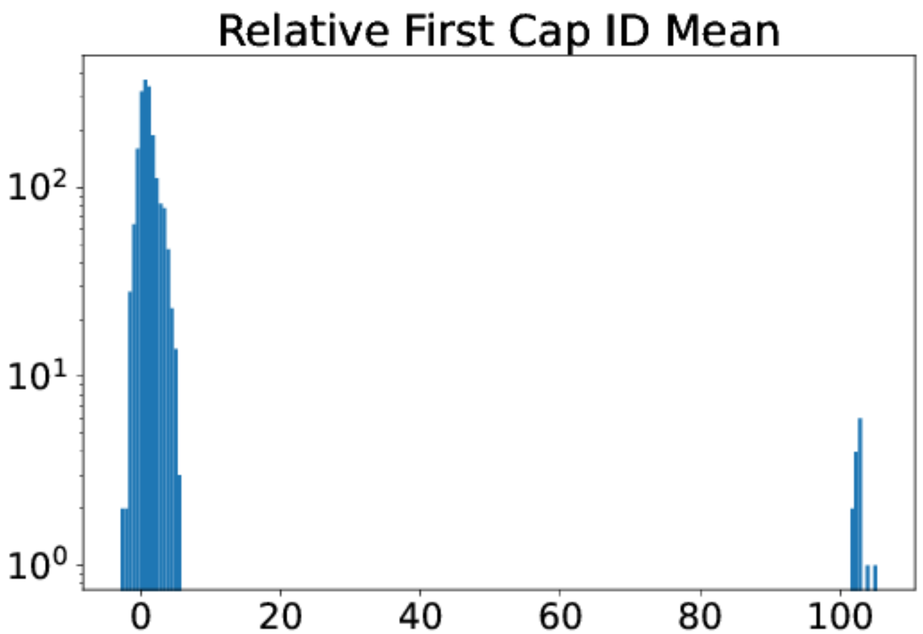

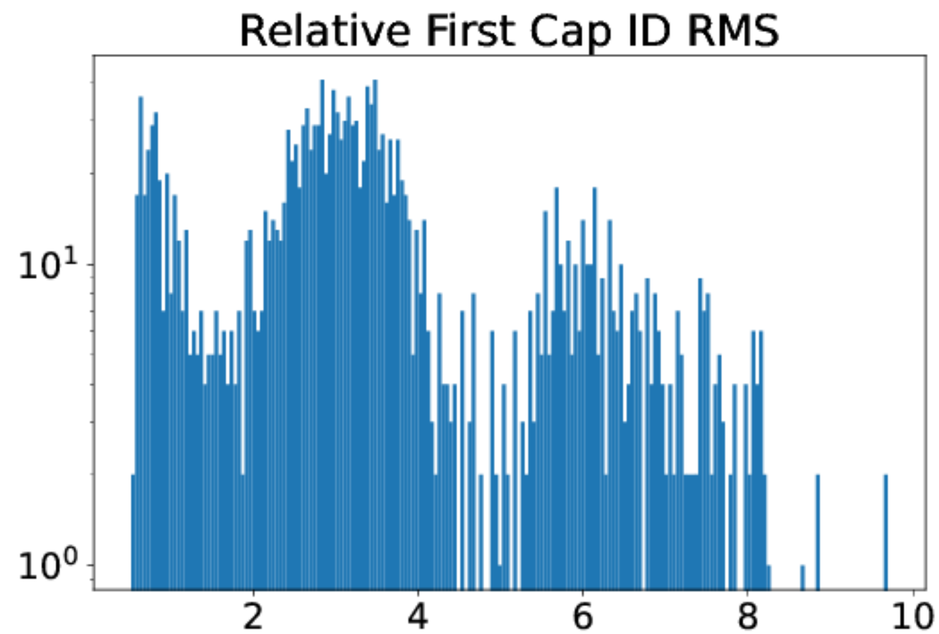
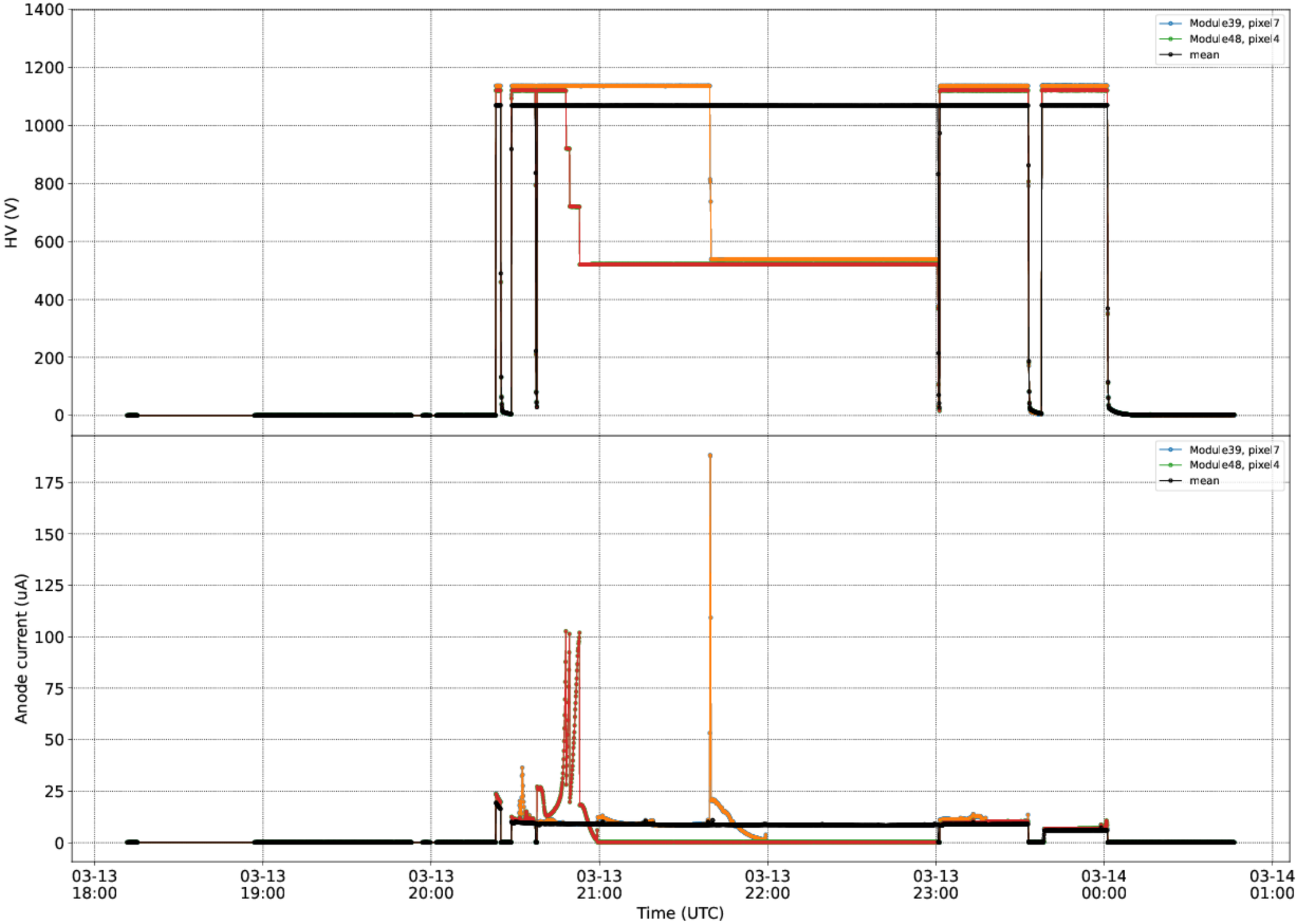
2023-3-13 strange HV pixel