Analysis of Run: 800
Time Created: 2020-10-19 21:41:58.781074

Histogram of deadtime
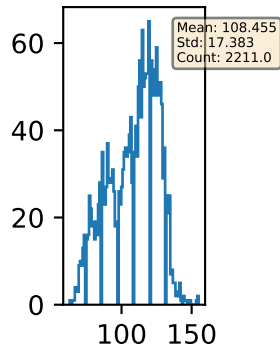
Mean: 1690.142
Std: 967.122
Count: 5000.0
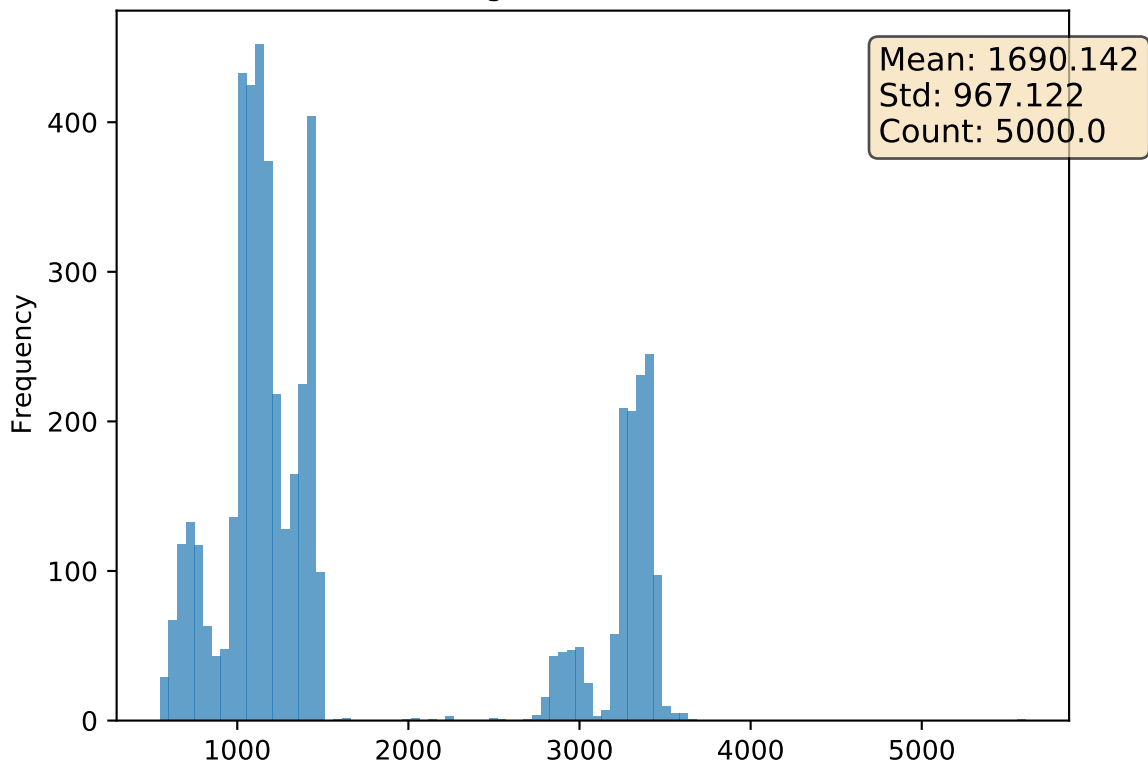
Histogram of All Individual Channels

Ch0 — Mean: 108.845, Std: 13.664, Count: 2328.0

Ch1 — Mean: 108.455, Std: 17.383, Count: 2211.0

Ch3 — Mean: 111.483, Std: 15.611, Count: 2189.0

Ch4 — Mean: 110.517, Std: 16.321, Count: 2288.0

Ch6 — Mean: 108.012, Std: 13.840, Count: 4113.0

Ch7 — Mean: 107.707, Std: 16.150, Count: 4296.0

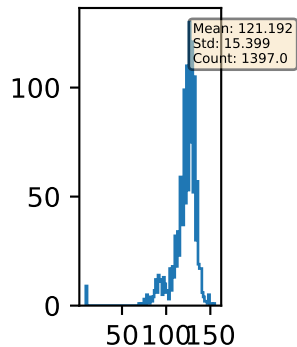**Ch9** — Mean: 121.192, Std: 15.399, Count: 1397.0
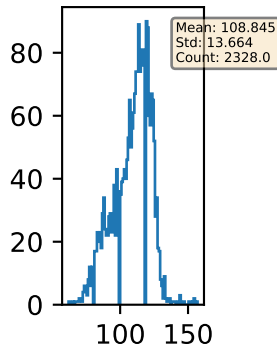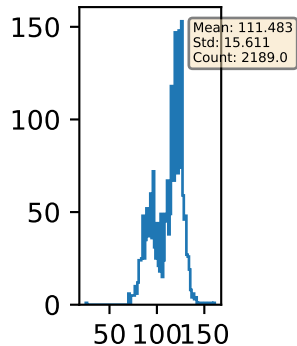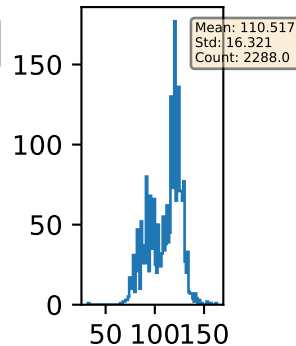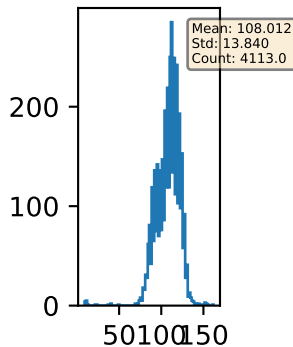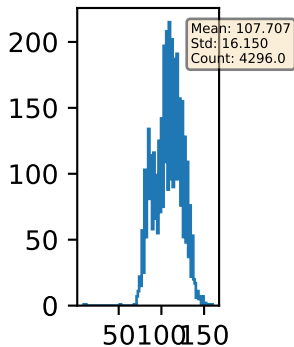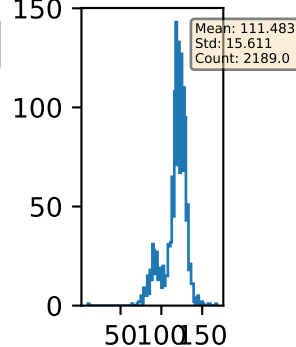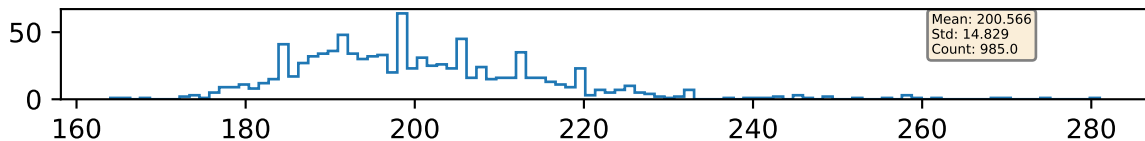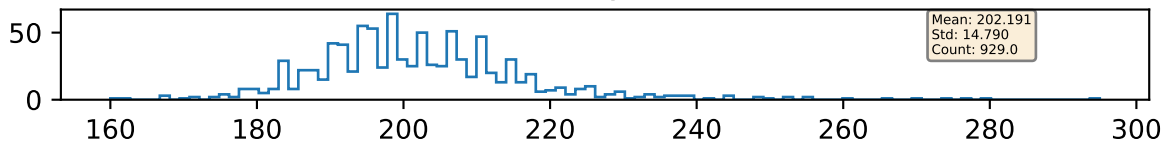
Ch10 — Mean: 111.483, Std: 15.611, Count: 2189.0

Histogram of Sum of Channels in their Respective Trays

Tray 1
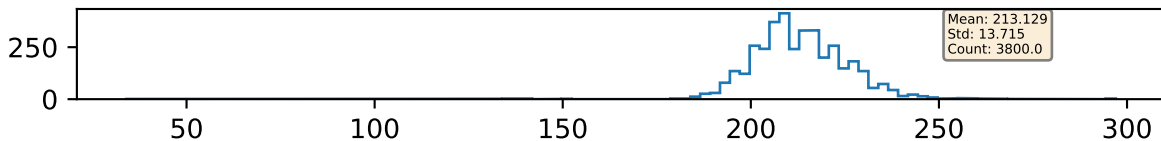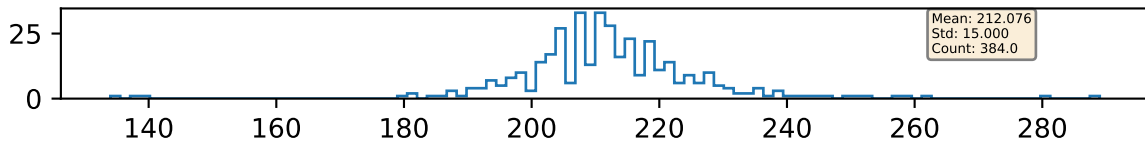Mean: 200.566
Std: 14.829
Count: 985.0

Tray 2
Mean: 202.191
Std: 14.790
Count: 929.0

Tray 3
Mean: 213.129
Std: 13.715
Count: 3800.0

Tray 4
Mean: 212.076
Std: 15.000
Count: 384.0
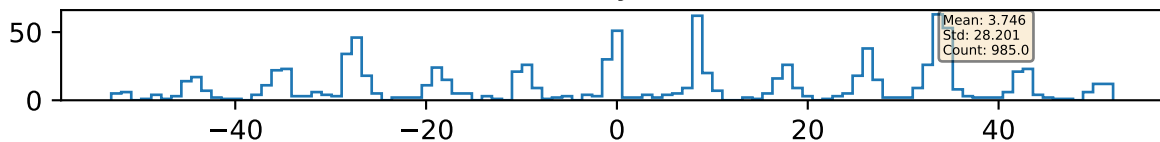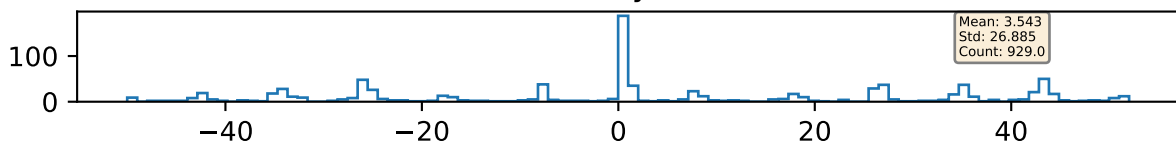
Histogram of Difference of Channels in their Respective Trays

Tray 1

Mean: 3.746
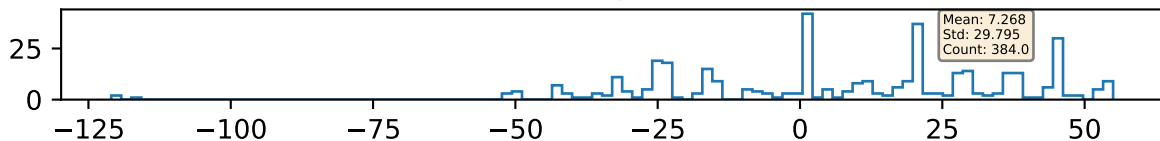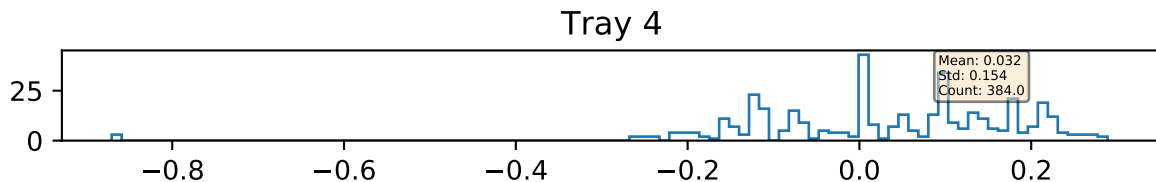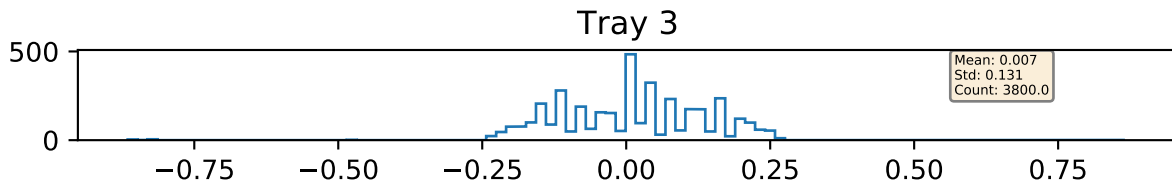Std: 28.201
Count: 985.0

Tray 2

Mean: 3.543
Std: 26.885
Count: 929.0

Tray 3

Mean: 1.380
Std: 26.391
Count: 3800.0

Tray 4

Mean: 7.268
Std: 29.795
Count: 384.0
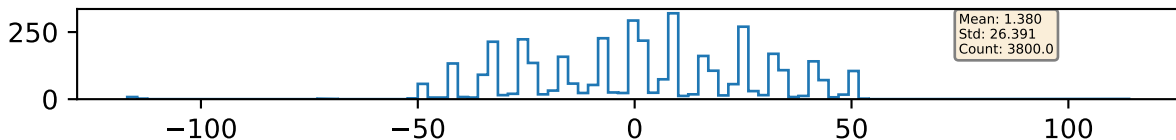
Histogram of Assymetry of each Tray

Tray 1

Mean: 0.021
Std: 0.142
Count: 985.0

Tray 2

Mean: 0.017
Std: 0.132
Count: 929.0

Tray 3

Mean: 0.007
Std: 0.131
Count: 3800.0

Tray 4

Mean: 0.032
Std: 0.154
Count: 384.0
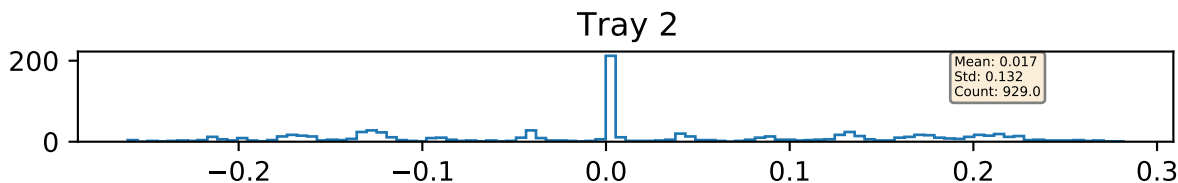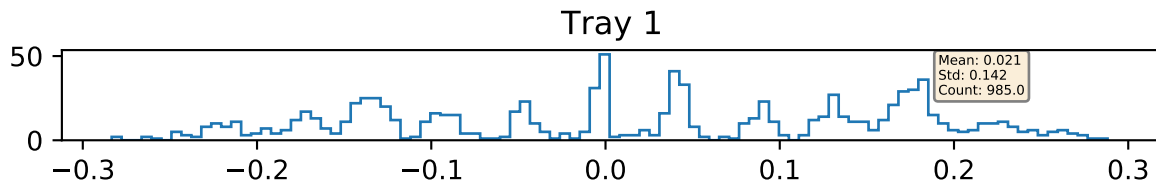
Histogram of numLHit (Number of Layers Hit Per Event)

Mean: 4.084
Std: 1.633
Count: 5000.0

Histogram of Scaler Readings (Ch 0 - 3)

Ch0
Mean: 1.000
Std: 0.000
Count: 5000.0

Ch1
Mean: 29.918
Std: 18.912
Count: 5000.0

Ch2
Mean: 41.885
Std: 26.203
Count: 5000.0

Ch3
Mean: 0.000
Std: 0.000
Count: 5000.0
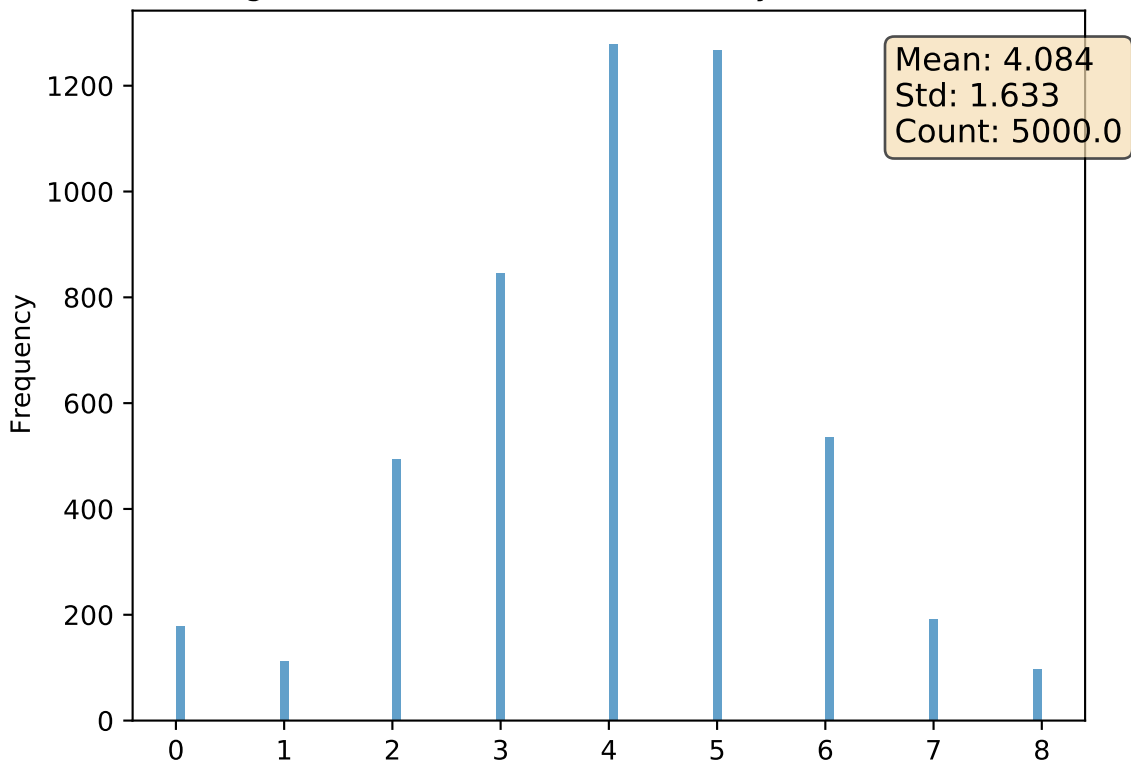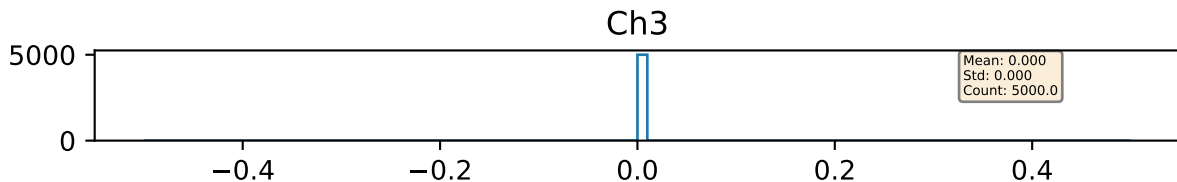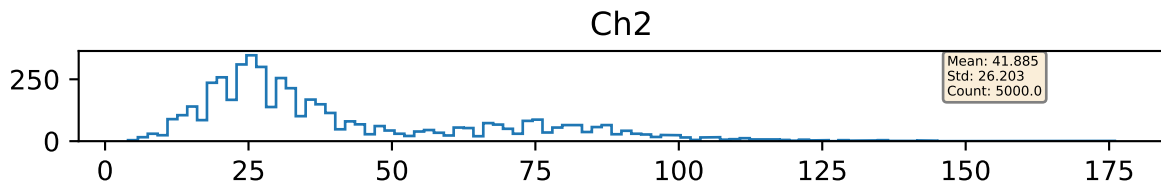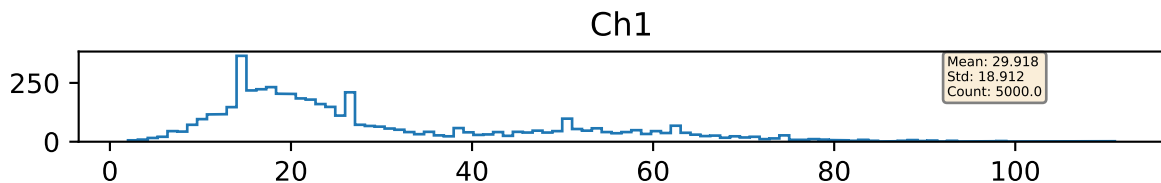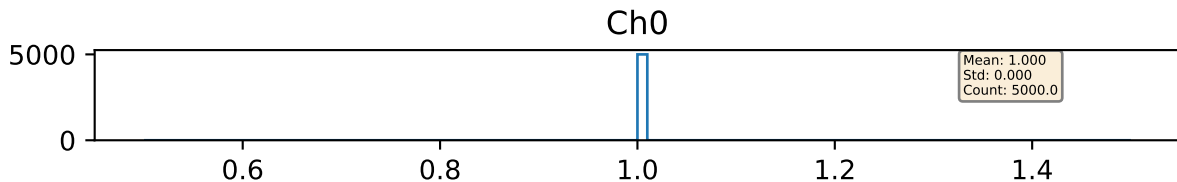
Histogram of Scaler Readings (Ch 4 - 11)

Ch4 (1L)
Mean: 9.589
Std: 6.381
Count: 5000.0

Ch5 (1R)
Mean: 9.857
Std: 6.554
Count: 5000.0

Ch6 (2L)
Mean: 9.793
Std: 6.487
Count: 5000.0

Ch7 (2R)
Mean: 10.221
Std: 6.606
Count: 5000.0

Ch8 (3L)
Mean: 20.498
Std: 12.923
Count: 5000.0

Ch9 (3R)
Mean: 20.800
Std: 13.000
Count: 5000.0

Ch10 (4L)
Mean: 7.781
Std: 5.187
Count: 5000.0

Ch11 (4R)
Mean: 7.269
Std: 4.869
Count: 5000.0