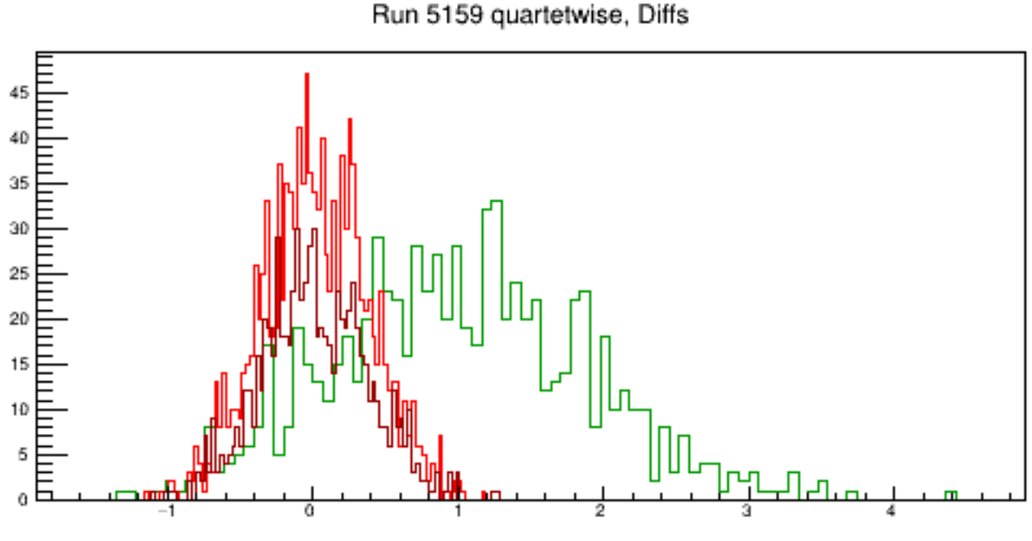
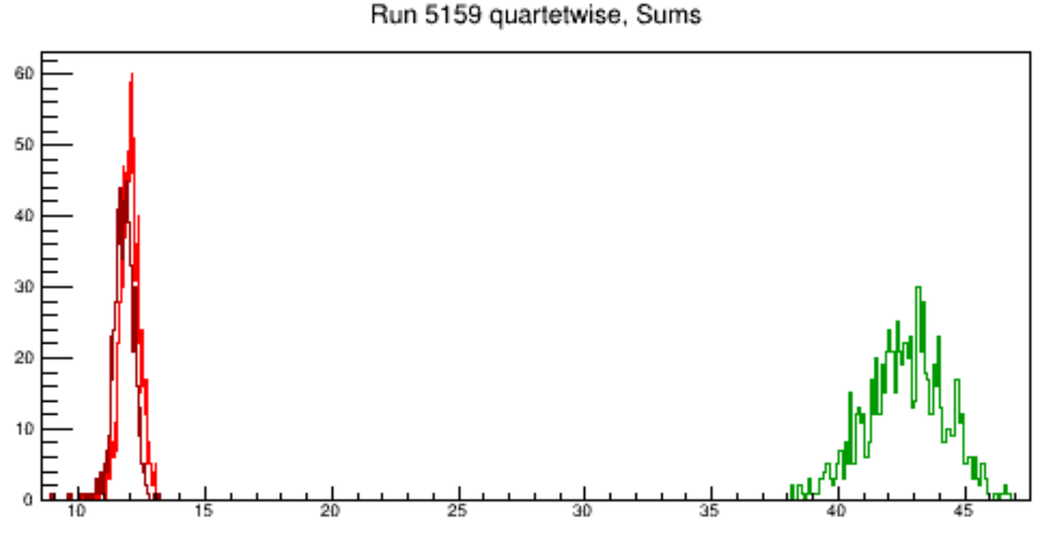
Cycle 1, Diffs

Entries: 1242	Entries: 806	Entries: 791
Mean: 0.0223 +/- 0.0104	Mean: 1.0083 +/- 0.0310	Mean: 0.0157 +/- 0.0132
Std Dev: 0.3671 +/- 0.0074	Std Dev: 0.8805 +/- 0.0219	Std Dev: 0.3700 +/- 0.0093



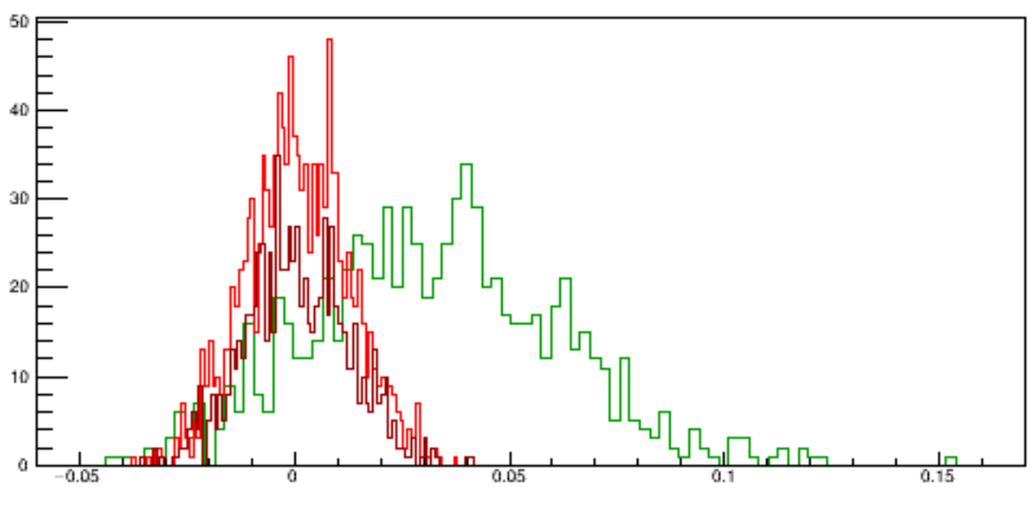
Cycle 1, Sums

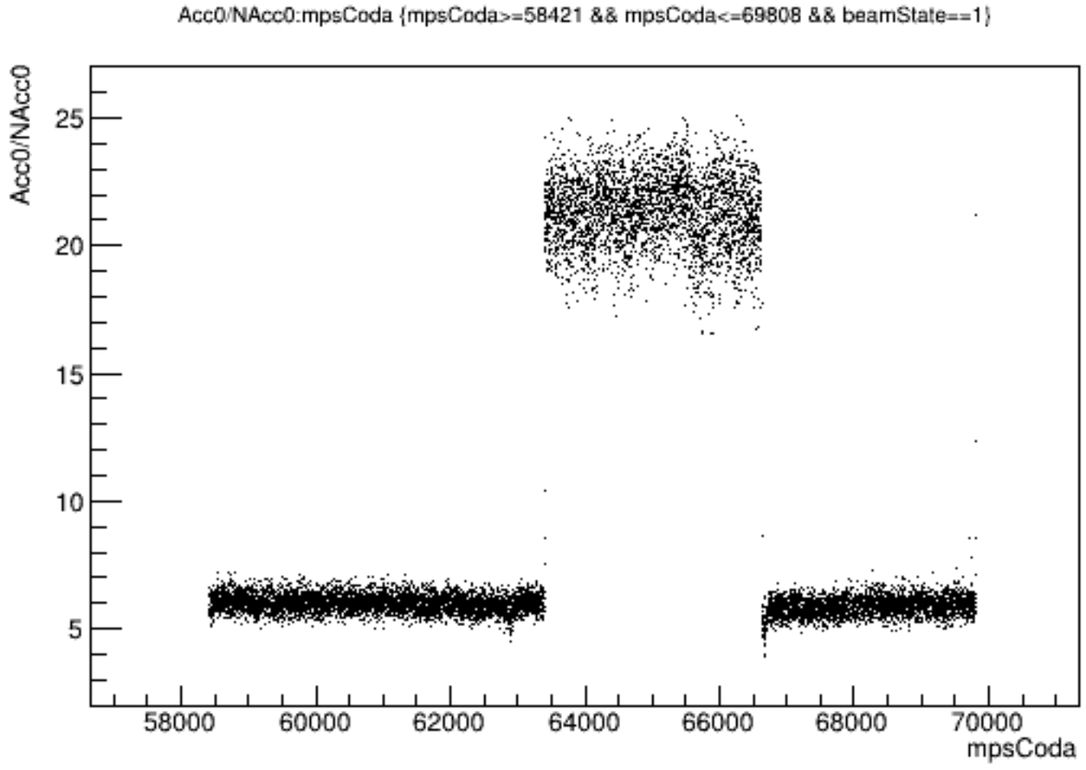
Entries: 1242	Entries: 806	Entries: 791
Mean: 12.0057 +/- 0.0106	Mean: 42.6450 +/- 0.0538	Mean: 11.7352 +/- 0.0153
Std Dev: 0.3742 +/- 0.0075	Std Dev: 1.5272 +/- 0.0380	Std Dev: 0.4305 +/- 0.0108

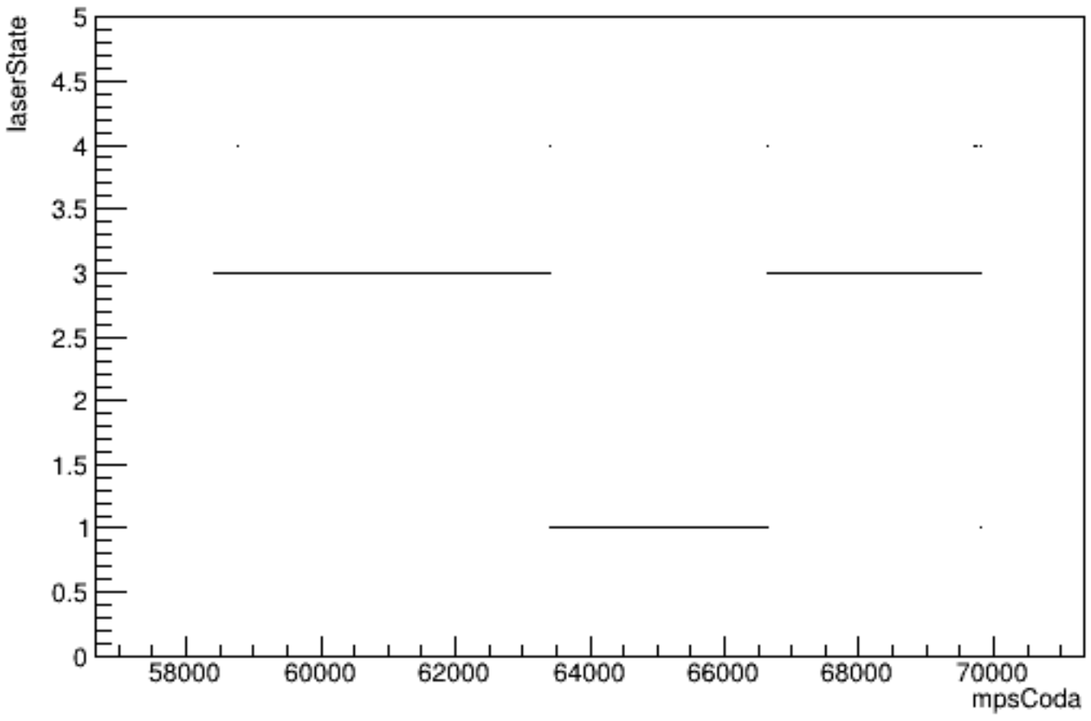


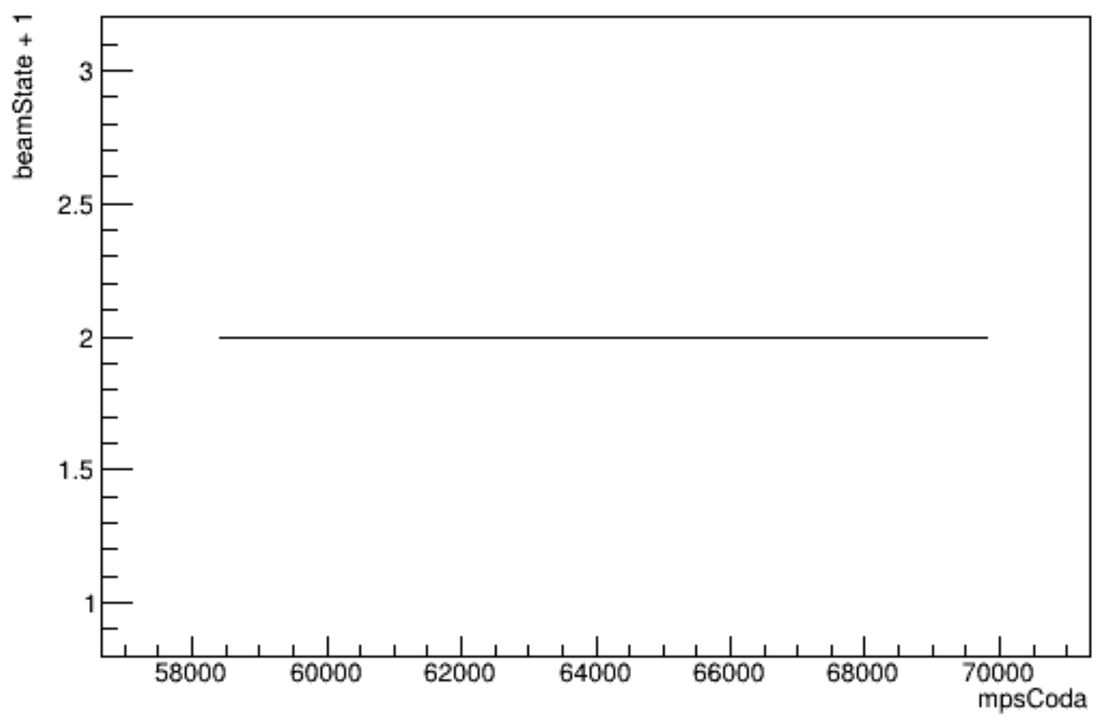
Cycle 1, Asyms

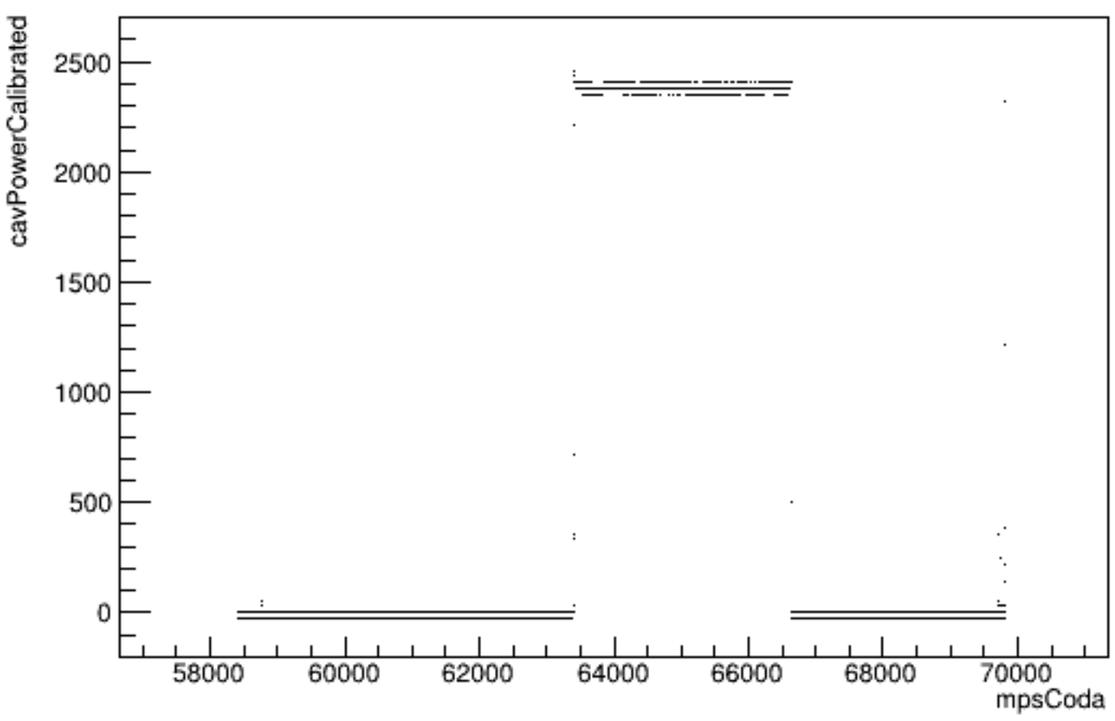
Entries: 1242	Entries: 806	Entries: 791
Mean: 0.0007 +/- 0.0003	Mean: 0.0328 +/- 0.0010	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0119 +/- 0.0002	Std Dev: 0.0290 +/- 0.0007	Std Dev: 0.0120 +/- 0.0003

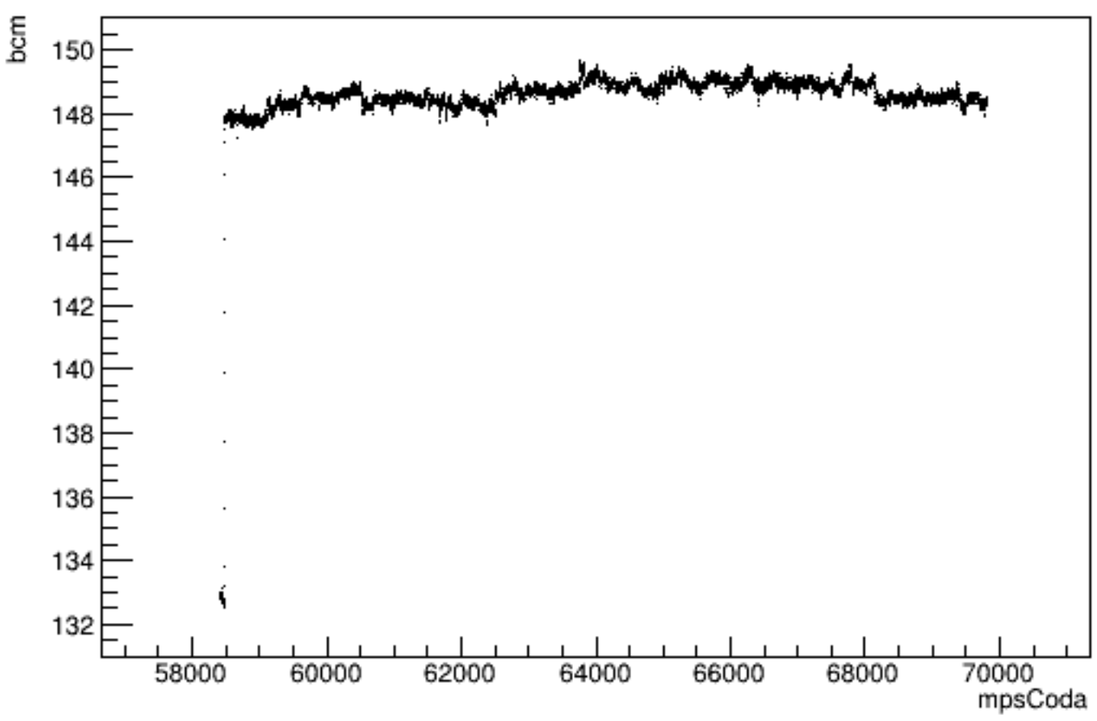





laserState:mpsCoda {mpsCoda>=58421 && mpsCoda<=69808}
laserState
mpsCoda
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
58000
60000
62000
64000
66000
68000
70000

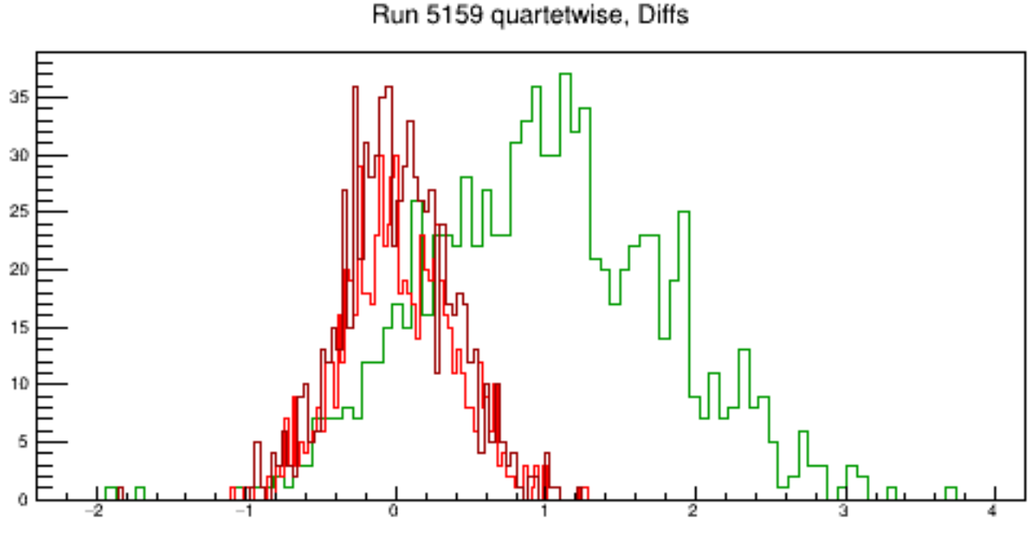

beamState + 1:mpsCoda {mpsCoda>=58421 && mpsCoda<=69808}
beamState + 1
mpsCoda
1
1.5
2
2.5
3
58000
60000
62000
64000
66000
68000
70000


cavPowerCalibrated:mpsCoda {mpsCoda>=58421 && mpsCoda<=69808}
cavPowerCalibrated
mpsCoda
0
500
1000
1500
2000
2500
58000
60000
62000
64000
66000
68000
70000


bcm:mpsCoda {mpsCoda>=58421 && mpsCoda<=69808}
bcm
mpsCoda
132
134
136
138
140
142
144
146
148
150
58000
60000
62000
64000
66000
68000
70000

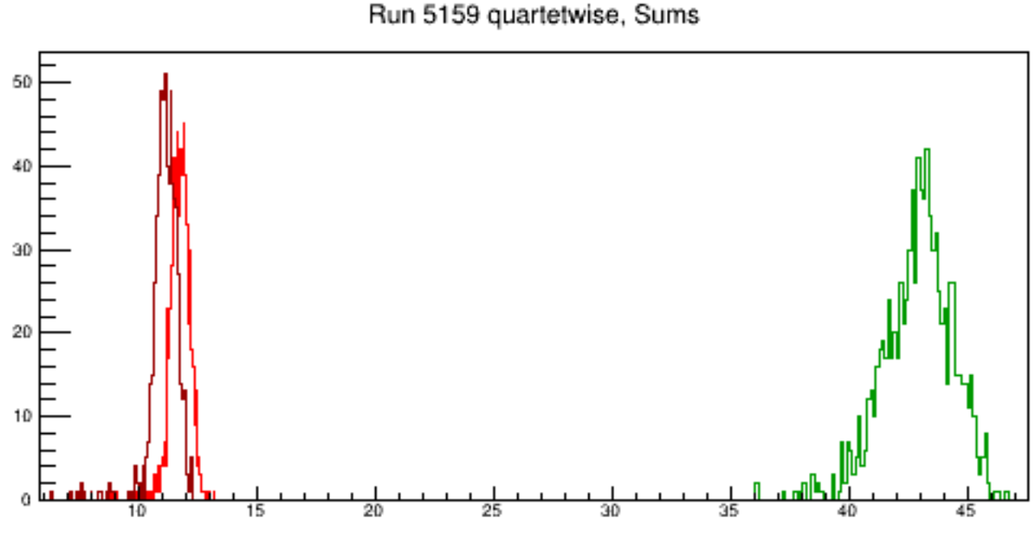
Cycle 2, Diffs

Entries: 791	Entries: 922	Entries: 765
Mean: 0.0157 +/- 0.0132	Mean: 0.9942 +/- 0.0262	Mean: 0.0057 +/- 0.0135
Std Dev: 0.3700 +/- 0.0093	Std Dev: 0.7960 +/- 0.0185	Std Dev: 0.3734 +/- 0.0095



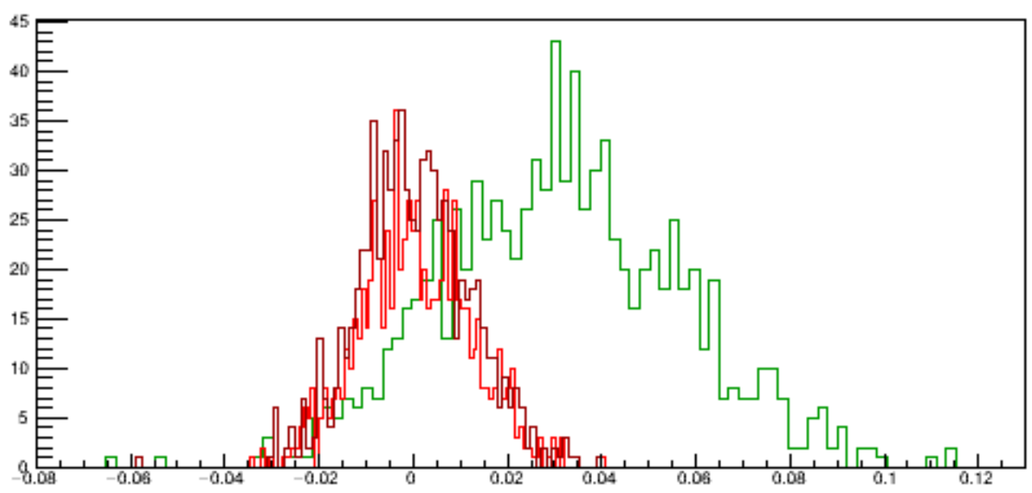
Cycle 2, Sums

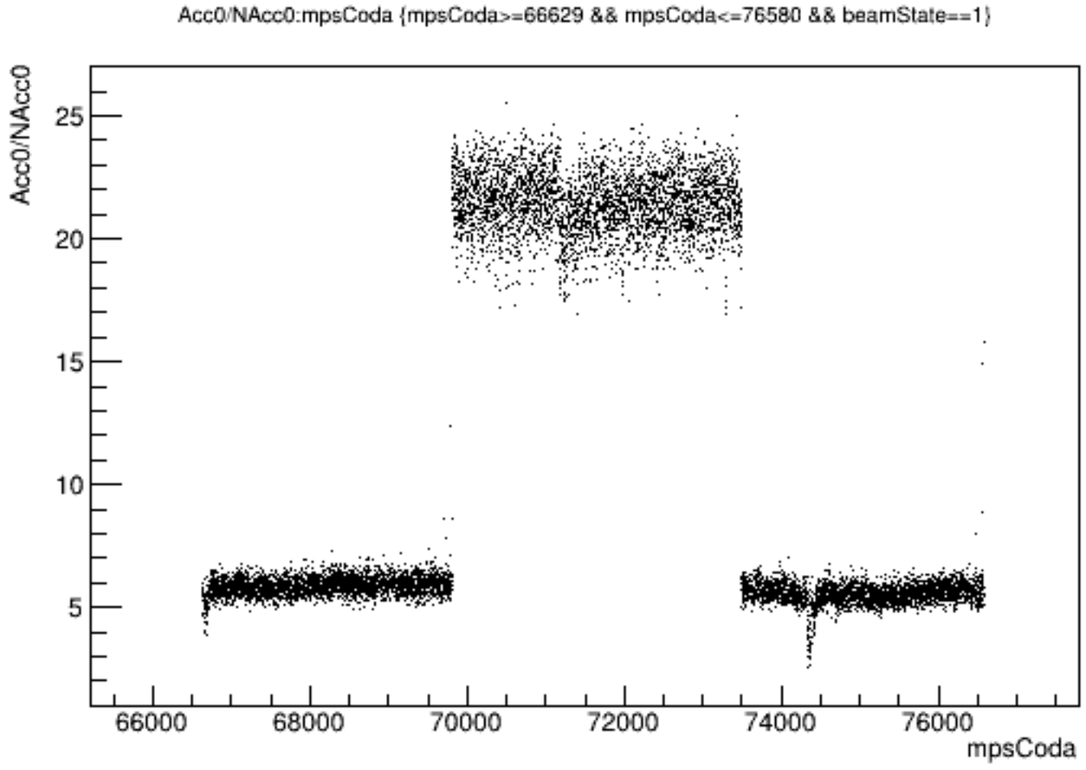
Entries: 791	Entries: 922	Entries: 765
Mean: 11.7352 +/- 0.0153	Mean: 42.9038 +/- 0.0487	Mean: 11.1095 +/- 0.0223
Std Dev: 0.4305 +/- 0.0108	Std Dev: 1.4803 +/- 0.0345	Std Dev: 0.6158 +/- 0.0157

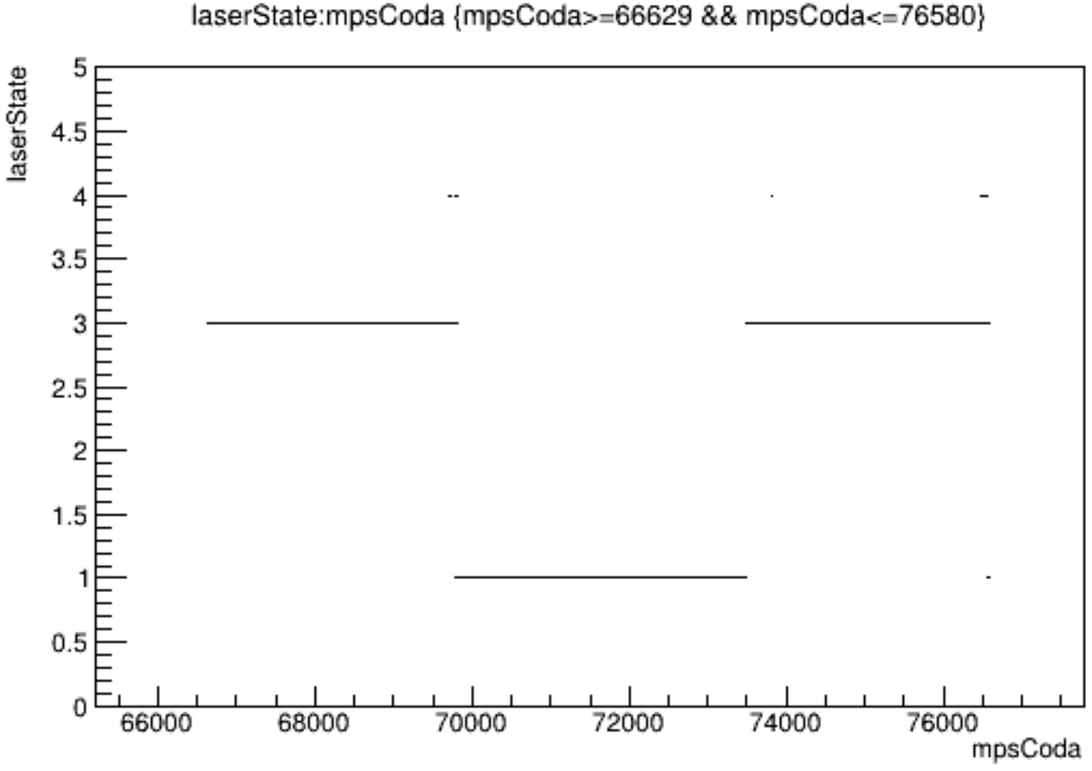


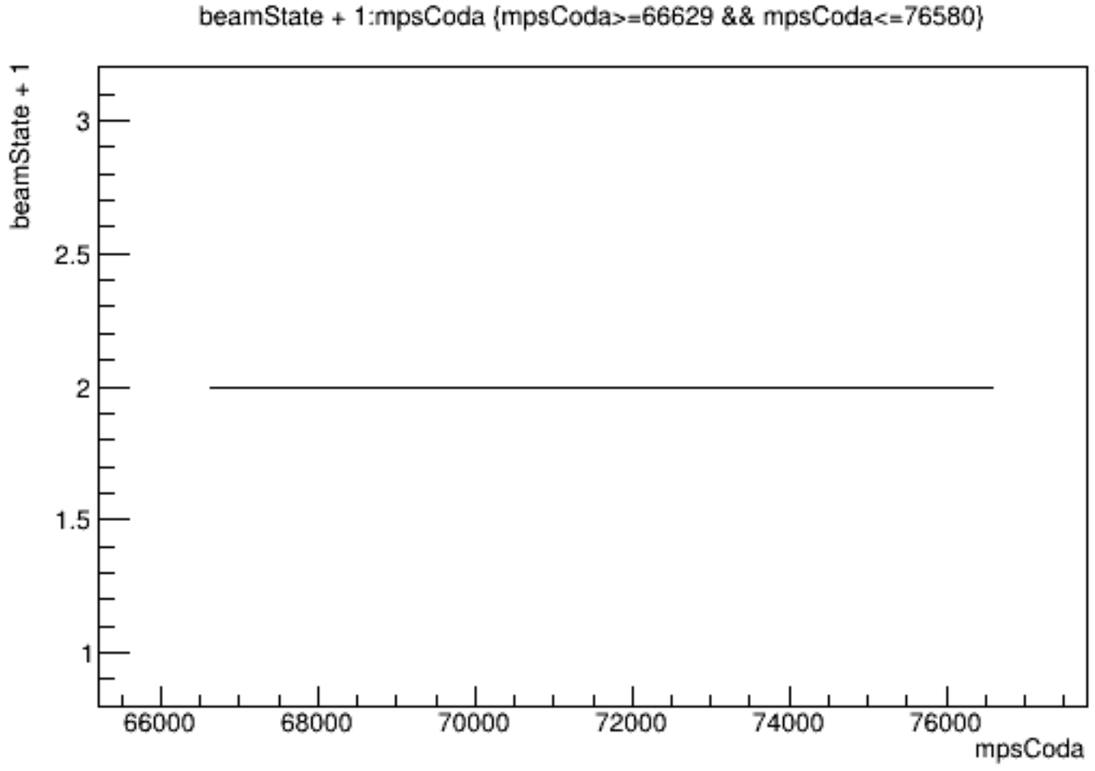
Cycle 2, Asyms

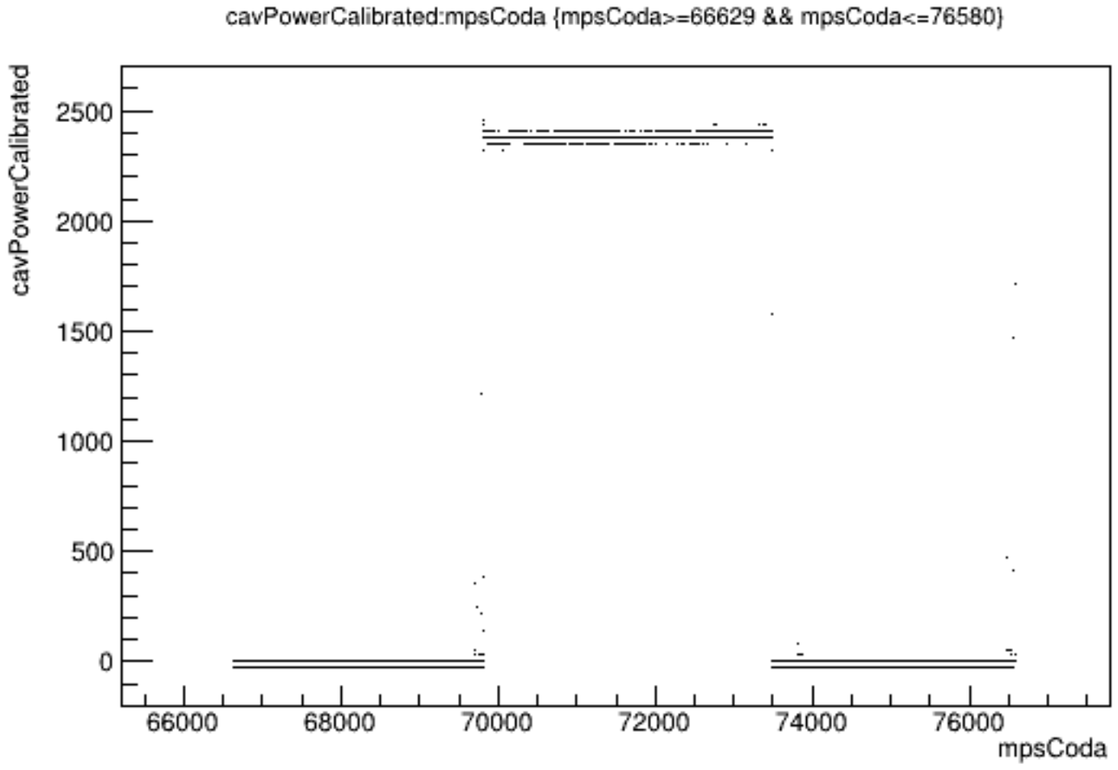
Entries: 791	Entries: 922	Entries: 765
Mean: 0.0005 +/- 0.0004	Mean: 0.0316 +/- 0.0008	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0118 +/- 0.0003	Std Dev: 0.0255 +/- 0.0006	Std Dev: 0.0119 +/- 0.0003

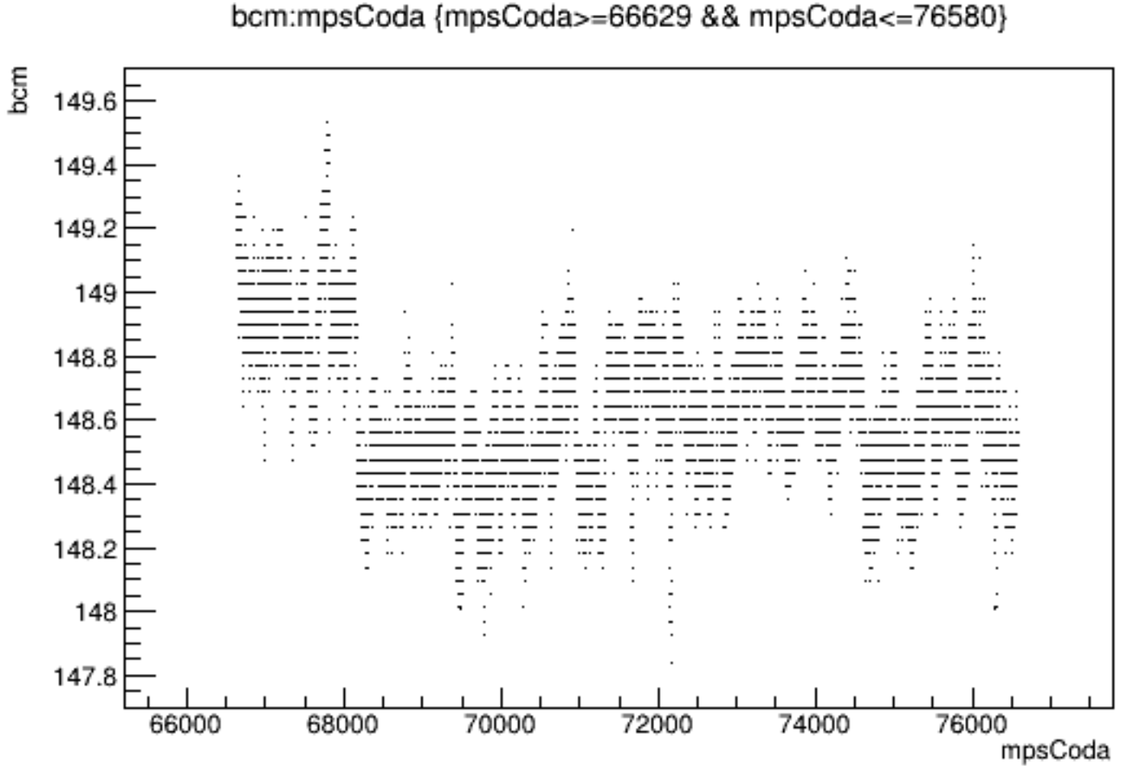





laserState:mpsCoda {mpsCoda>=66629 && mpsCoda<=76580}
laserState
mpsCoda
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
66000
68000
70000
72000
74000
76000


beamState + 1:mpsCoda {mpsCoda>=66629 && mpsCoda<=76580}
beamState + 1
mpsCoda
1
1.5
2
2.5
3
66000
68000
70000
72000
74000
76000

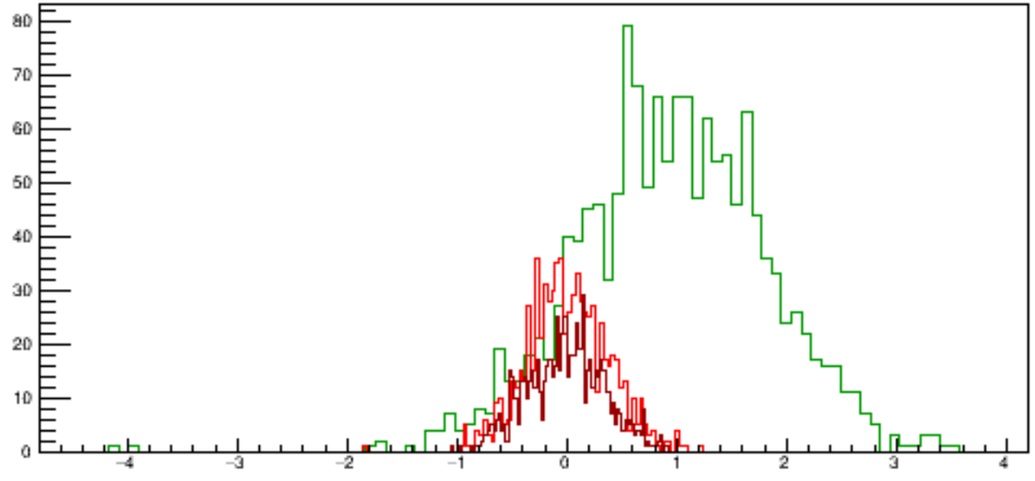

cavPowerCalibrated:mpsCoda {mpsCoda>=66629 && mpsCoda<=76580}
cavPowerCalibrated
mpsCoda
0
500
1000
1500
2000
2500
66000
68000
70000
72000
74000
76000


bcm:mpsCoda {mpsCoda>=66629 && mpsCoda<=76580}
bcm
mpsCoda
147.8
148
148.2
148.4
148.6
148.8
149
149.2
149.4
149.6
66000
68000
70000
72000
74000
76000

Cycle 3, Diffs

Entries: 765	Entries: 1479	Entries: 750
Mean: 0.0057 +/- 0.0135	Mean: 0.9456 +/- 0.0224	Mean: -0.0116 +/- 0.0129
Std Dev: 0.3734 +/- 0.0095	Std Dev: 0.8616 +/- 0.0158	Std Dev: 0.3531 +/- 0.0091

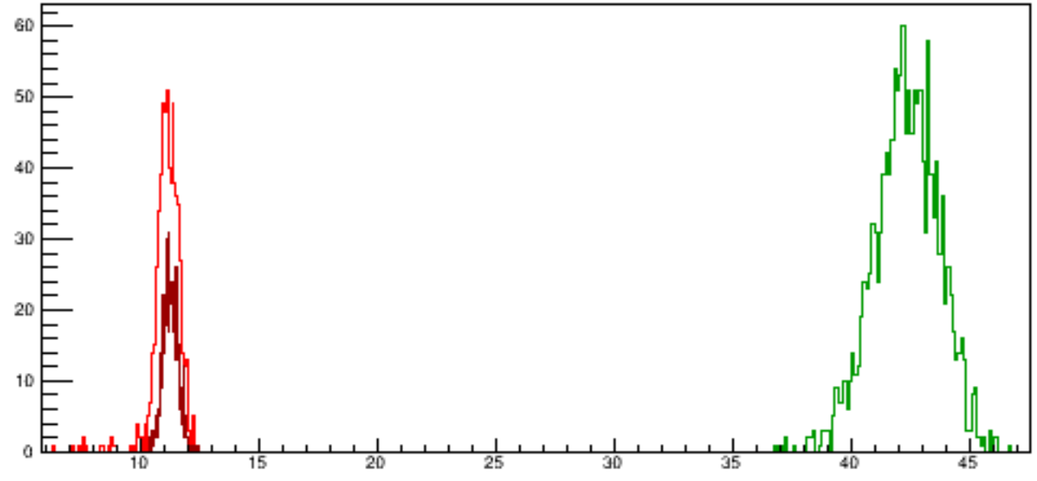
Run 5159 quartetwise, Diffs



Cycle 3, Sums

Entries: 765	Entries: 1479	Entries: 750
Mean: 11.1095 +/- 0.0223	Mean: 42.3579 +/- 0.0360	Mean: 11.2649 +/- 0.0120
Std Dev: 0.6158 +/- 0.0157	Std Dev: 1.3834 +/- 0.0254	Std Dev: 0.3291 +/- 0.0085

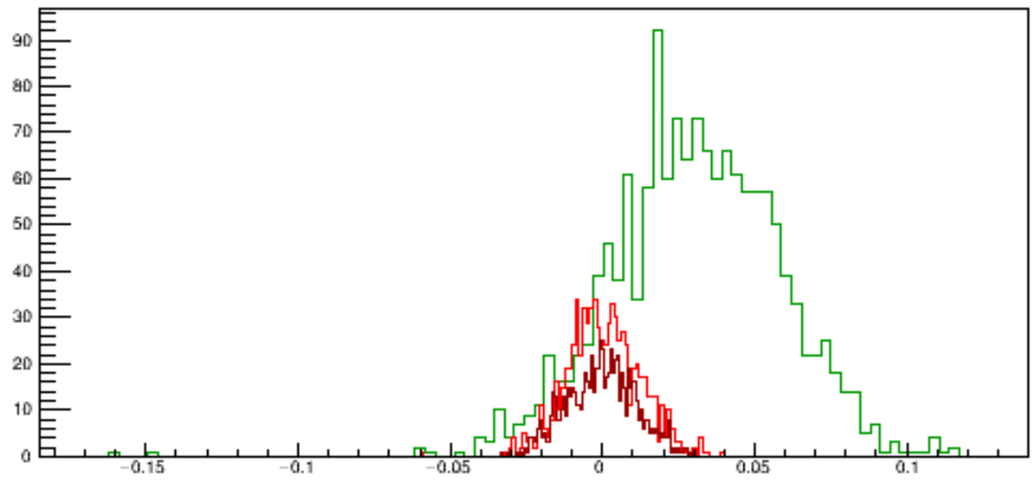
Run 5159 quartetwise, Sums

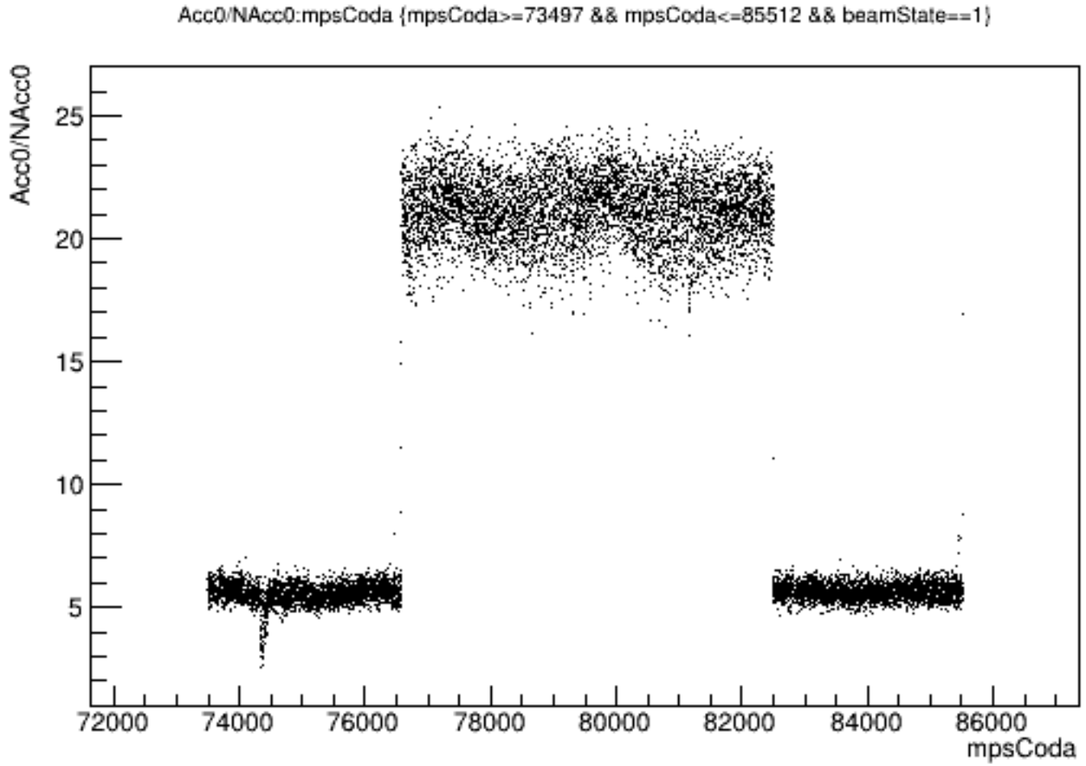


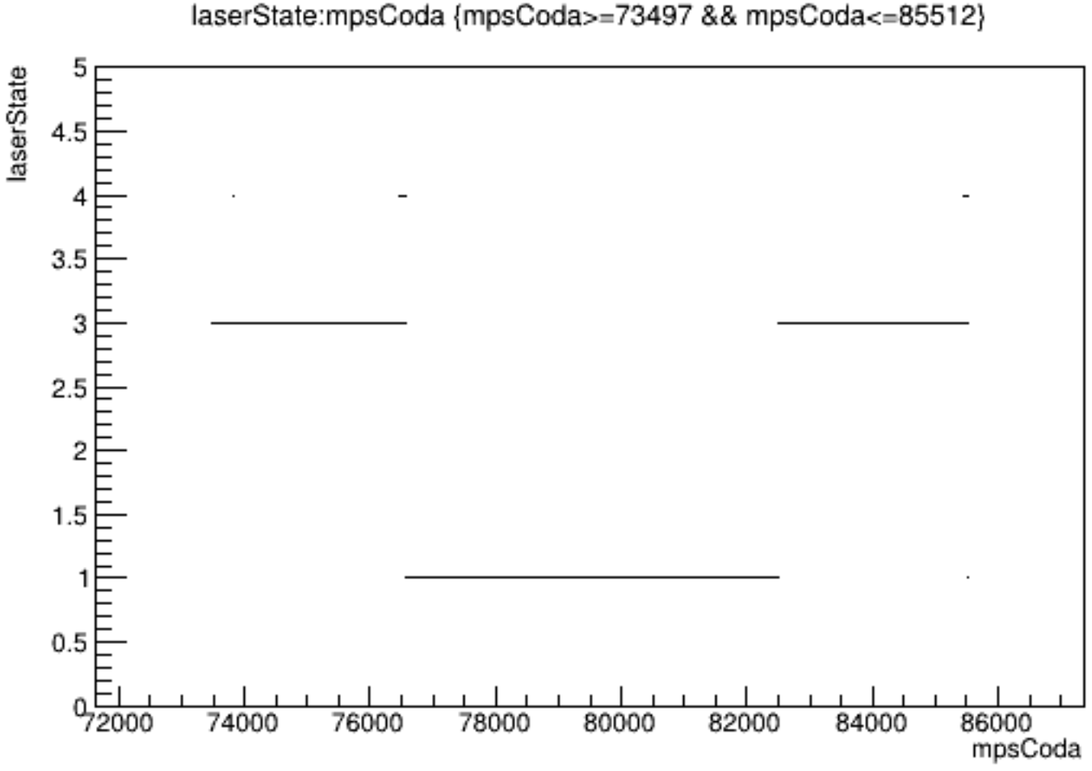
Cycle 3, Asyms

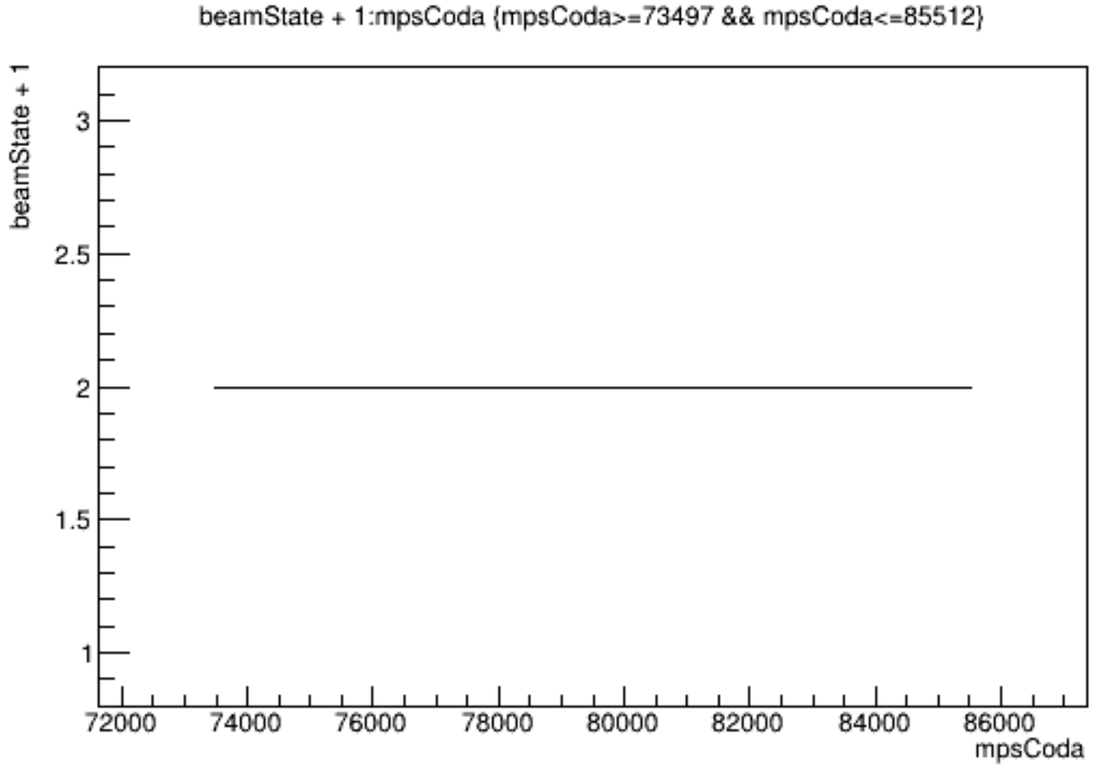
Entries: 765	Entries: 1479	Entries: 750
Mean: 0.0002 +/- 0.0004	Mean: 0.0303 +/- 0.0007	Mean: -0.0004 +/- 0.0004
Std Dev: 0.0120 +/- 0.0003	Std Dev: 0.0280 +/- 0.0005	Std Dev: 0.0113 +/- 0.0003

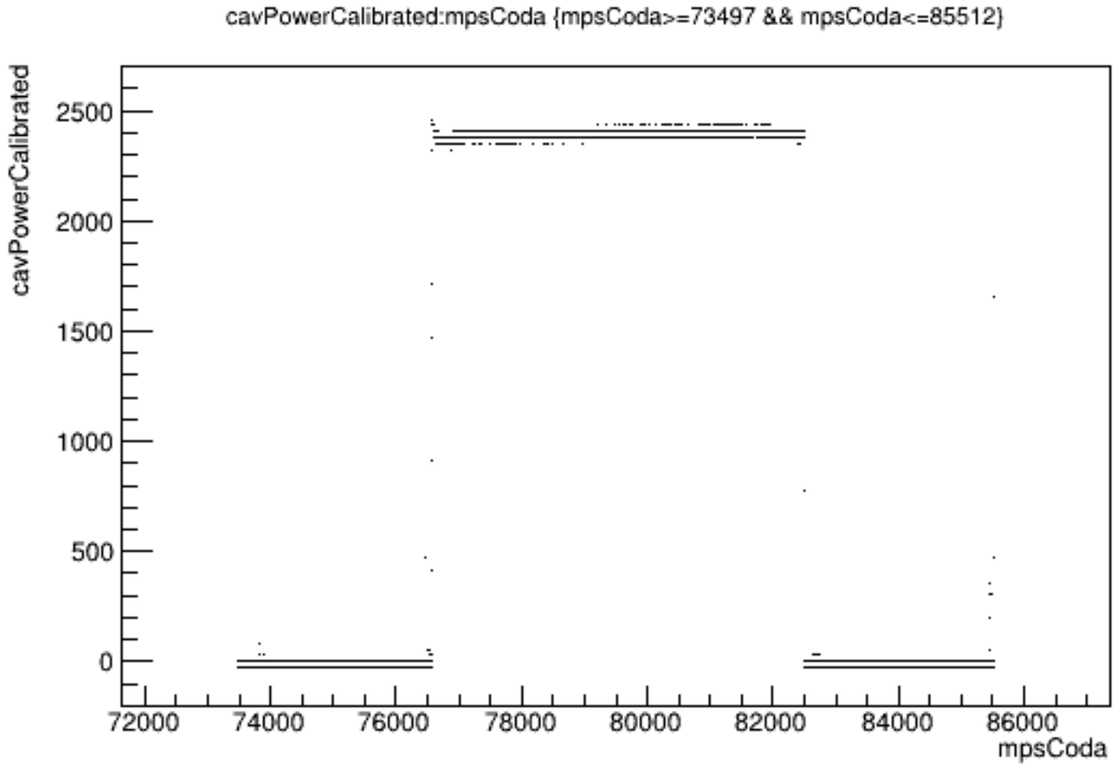
Run 5159 quartetwise, Asyms

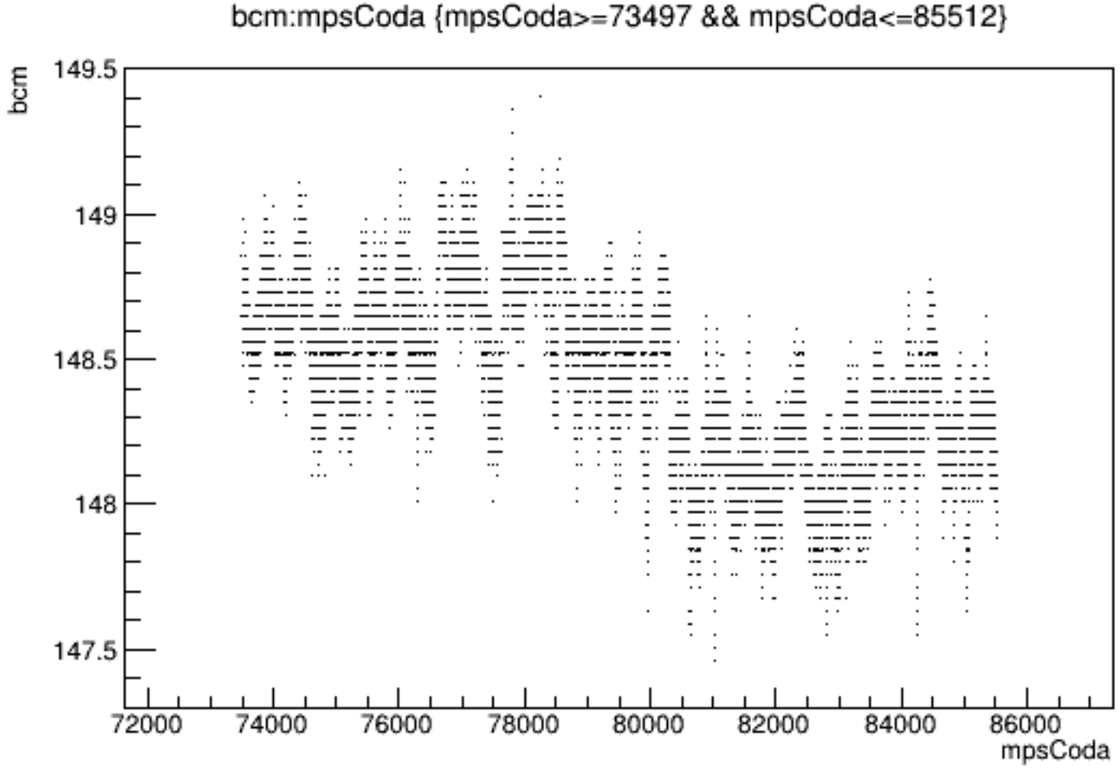





laserState:mpsCoda {mpsCoda>=73497 && mpsCoda<=85512}
laserState
mpsCoda
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
72000
74000
76000
78000
80000
82000
84000
86000

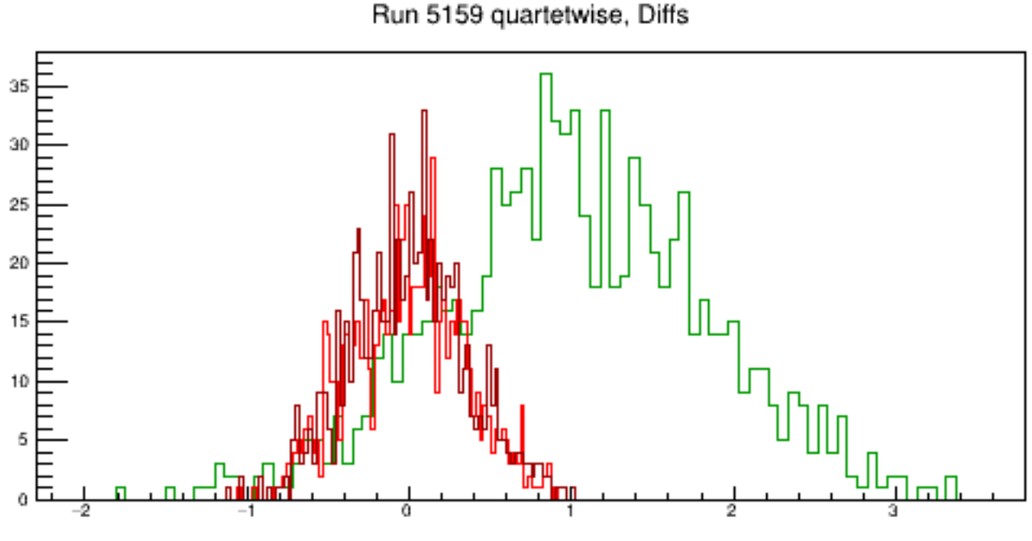

beamState + 1:mpsCoda {mpsCoda>=73497 && mpsCoda<=85512}
beamState + 1
mpsCoda
1
1.5
2
2.5
3
72000
74000
76000
78000
80000
82000
84000
86000


cavPowerCalibrated:mpsCoda {mpsCoda>=73497 && mpsCoda<=85512}
cavPowerCalibrated
mpsCoda
0
500
1000
1500
2000
2500
72000
74000
76000
78000
80000
82000
84000
86000


bcm:mpsCoda {mpsCoda>=73497 && mpsCoda<=85512}
bcm
mpsCoda
147.5
148
148.5
149
149.5
72000
74000
76000
78000
80000
82000
84000
86000

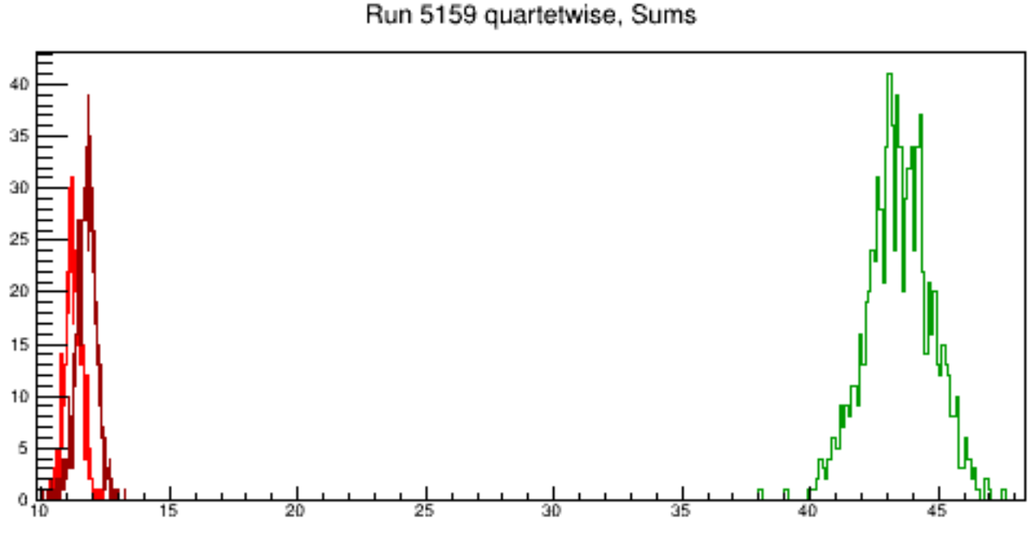
Cycle 4, Diffs

Entries: 750	Entries: 924	Entries: 765
Mean: -0.0116 +/- 0.0129	Mean: 1.0106 +/- 0.0272	Mean: -0.0044 +/- 0.0129
Std Dev: 0.3531 +/- 0.0091	Std Dev: 0.8270 +/- 0.0192	Std Dev: 0.3558 +/- 0.0091



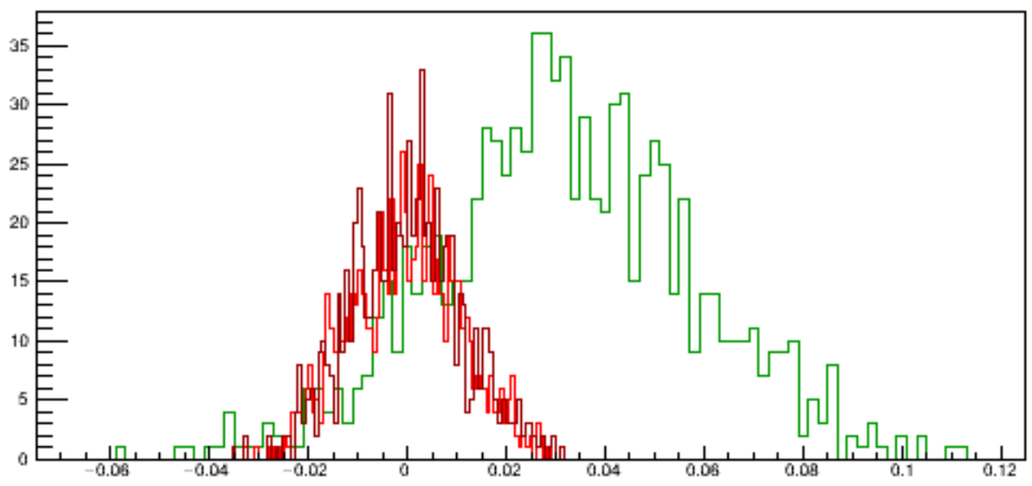
Cycle 4, Sums

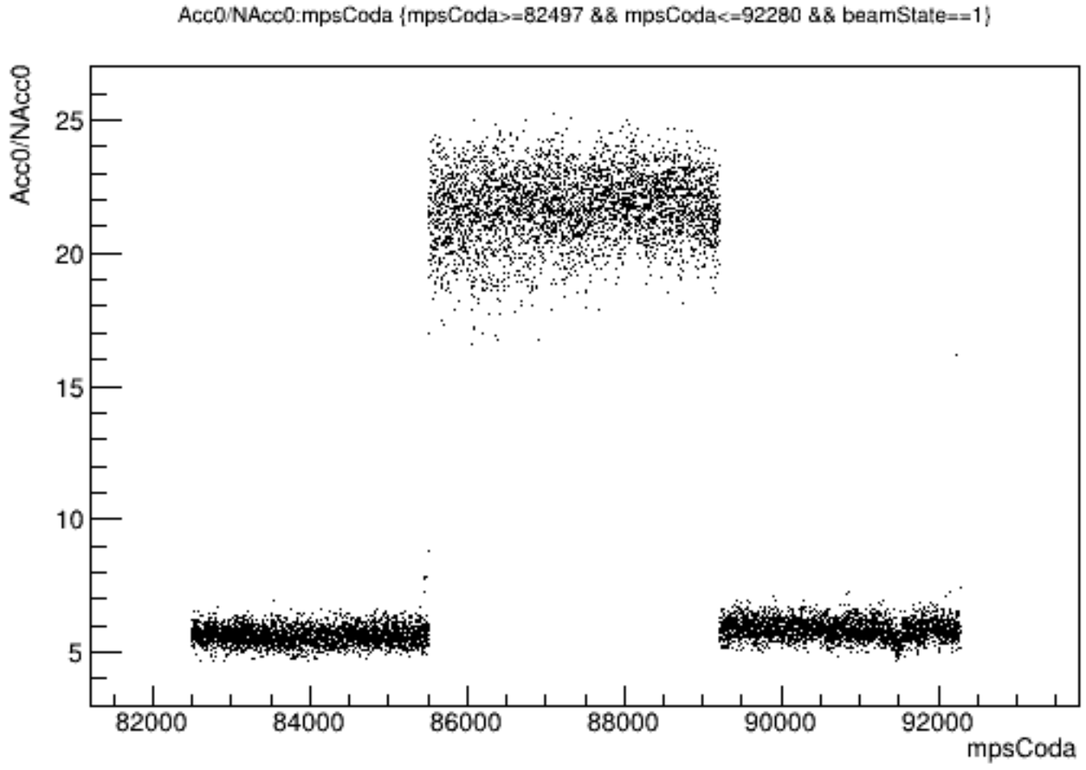
Entries: 750	Entries: 924	Entries: 765
Mean: 11.2649 +/- 0.0120	Mean: 43.4574 +/- 0.0424	Mean: 11.7396 +/- 0.0149
Std Dev: 0.3291 +/- 0.0085	Std Dev: 1.2879 +/- 0.0300	Std Dev: 0.4121 +/- 0.0105

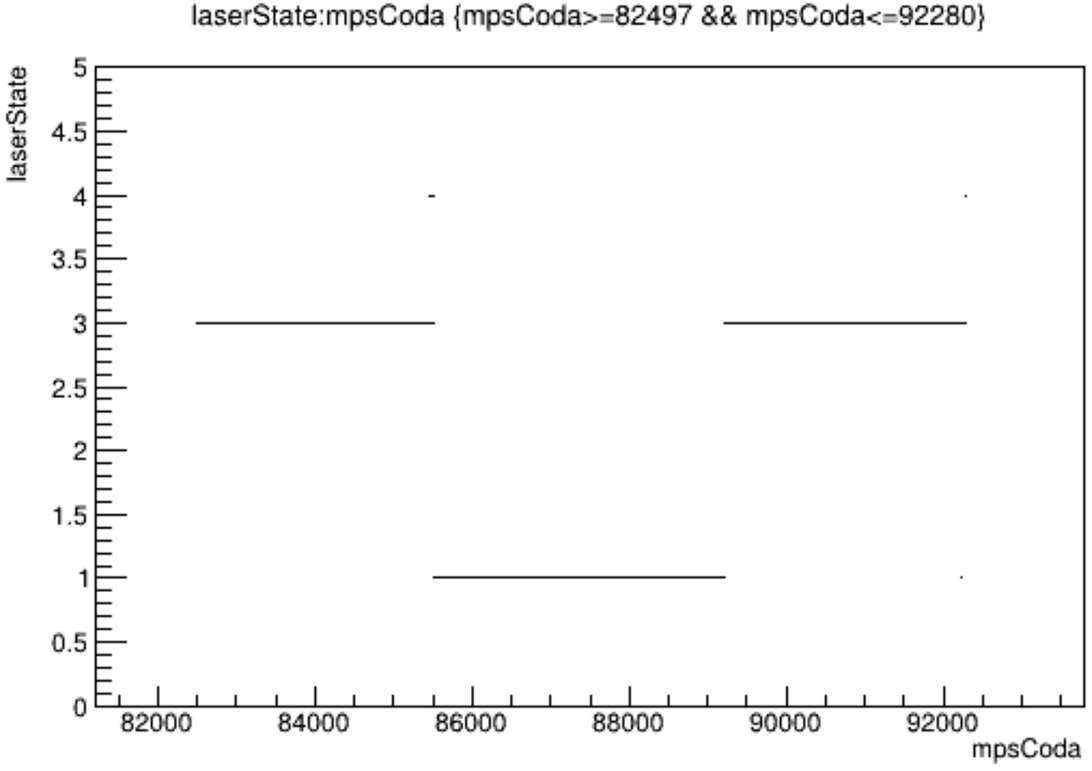


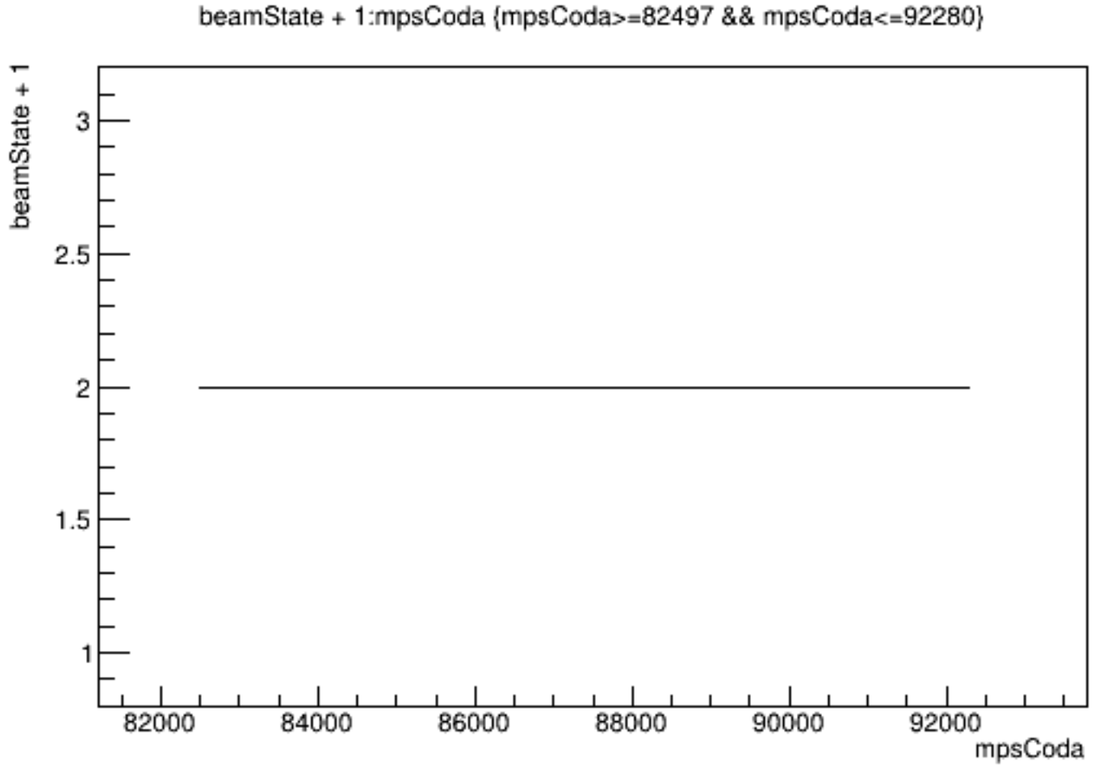
Cycle 4, Asyms

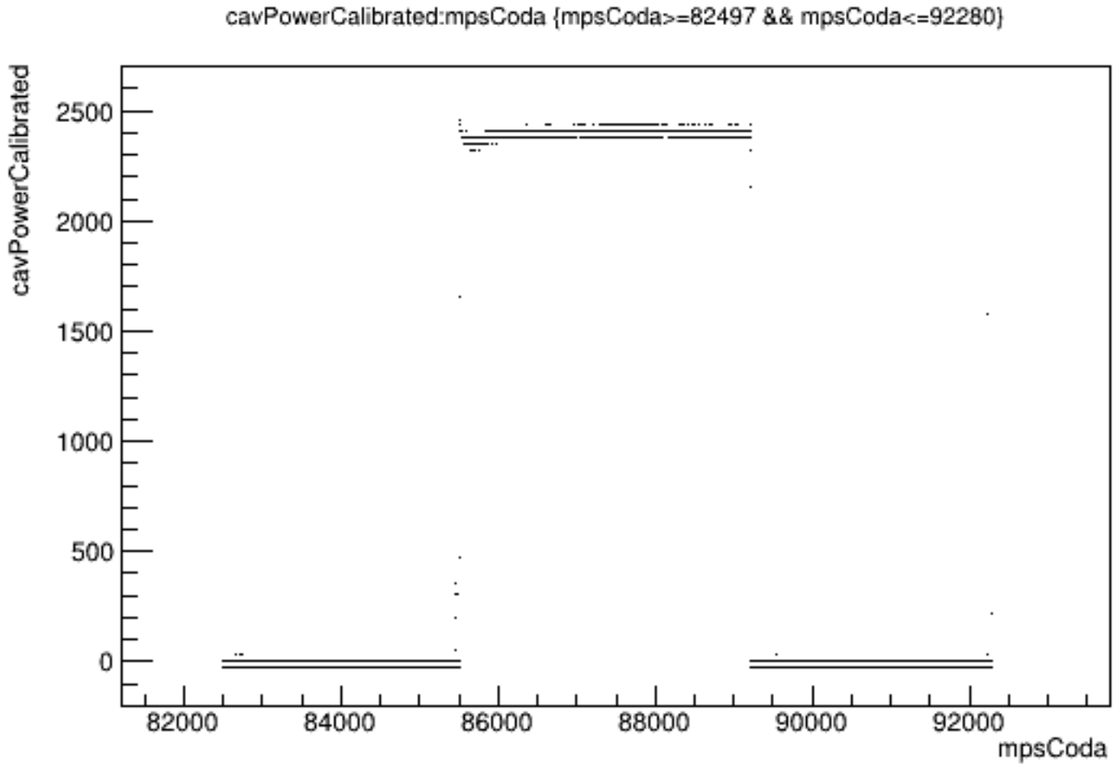
Entries: 750	Entries: 924	Entries: 765
Mean: -0.0004 +/- 0.0004	Mean: 0.0317 +/- 0.0009	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0261 +/- 0.0006	Std Dev: 0.0111 +/- 0.0003






laserState:mpsCoda {mpsCoda>=82497 && mpsCoda<=92280}
laserState
mpsCoda
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
82000
84000
86000
88000
90000
92000


beamState + 1:mpsCoda {mpsCoda>=82497 && mpsCoda<=92280}
beamState + 1
mpsCoda
1
1.5
2
2.5
3
82000
84000
86000
88000
90000
92000


cavPowerCalibrated:mpsCoda {mpsCoda>=82497 && mpsCoda<=92280}
cavPowerCalibrated
mpsCoda
0
500
1000
1500
2000
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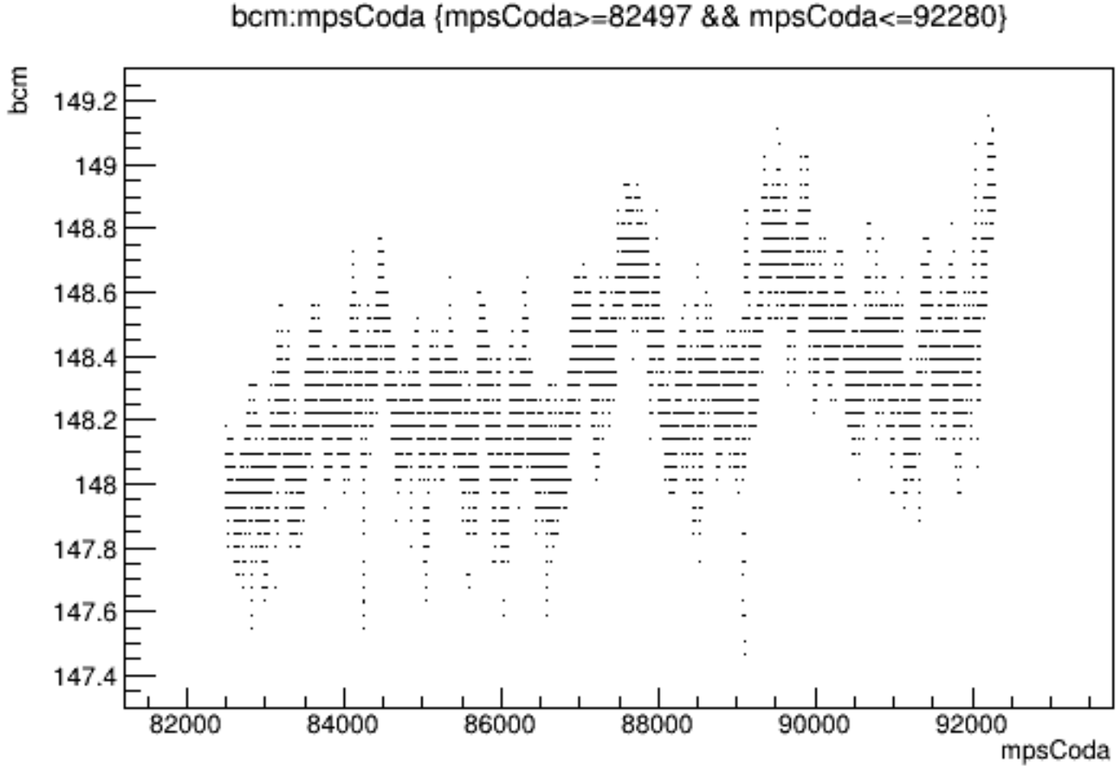
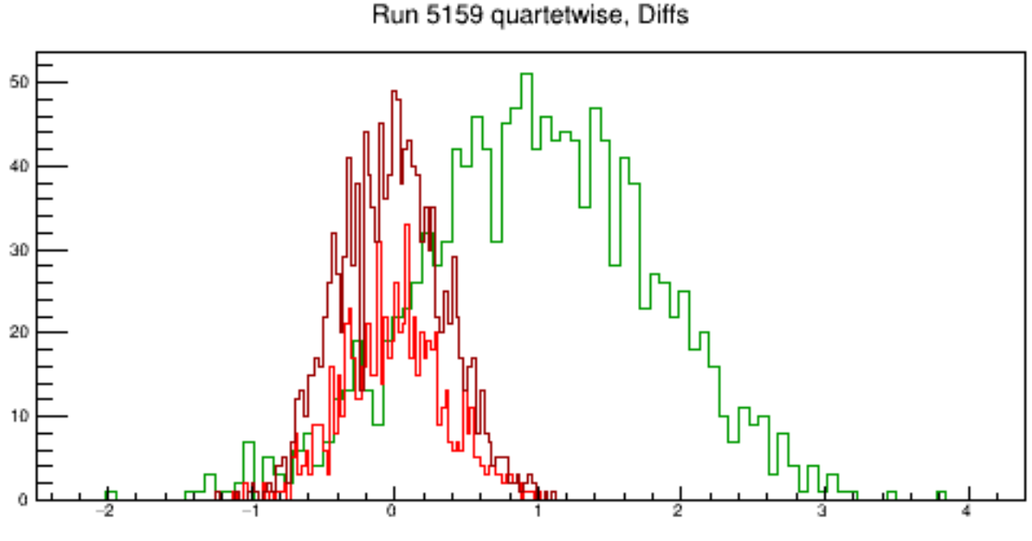
82000
84000
86000
88000
90000
92000


bcm:mpsCoda {mpsCoda>=82497 && mpsCoda<=92280}
bcm
mpsCoda
147.4
147.6
147.8
148
148.2
148.4
148.6
148.8
149
149.2
82000
84000
86000
88000
90000
92000

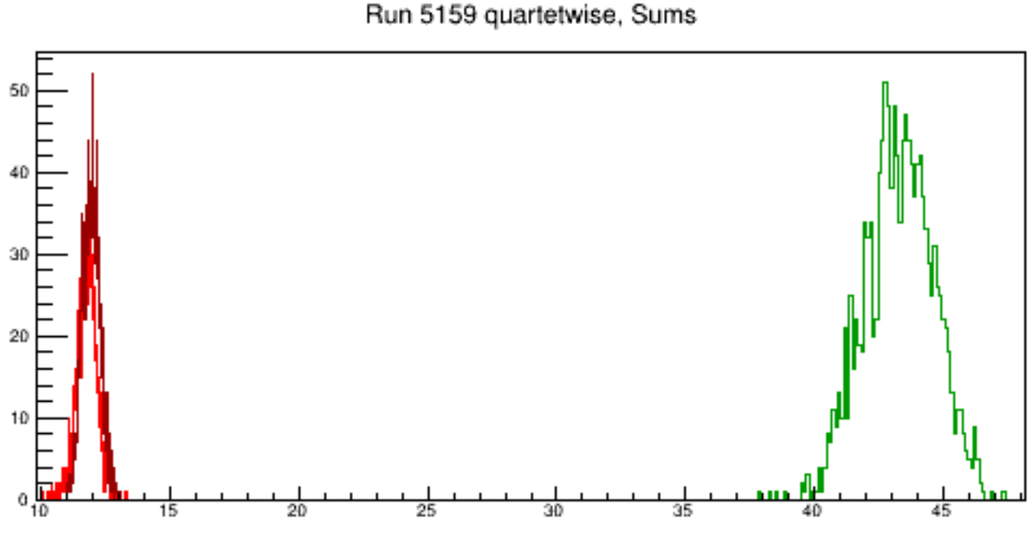
Cycle 5, Diffs

Entries: 765	Entries: 1345	Entries: 1379
Mean: -0.0044 +/- 0.0129	Mean: 0.9980 +/- 0.0222	Mean: -0.0204 +/- 0.0098
Std Dev: 0.3558 +/- 0.0091	Std Dev: 0.8129 +/- 0.0157	Std Dev: 0.3633 +/- 0.0069



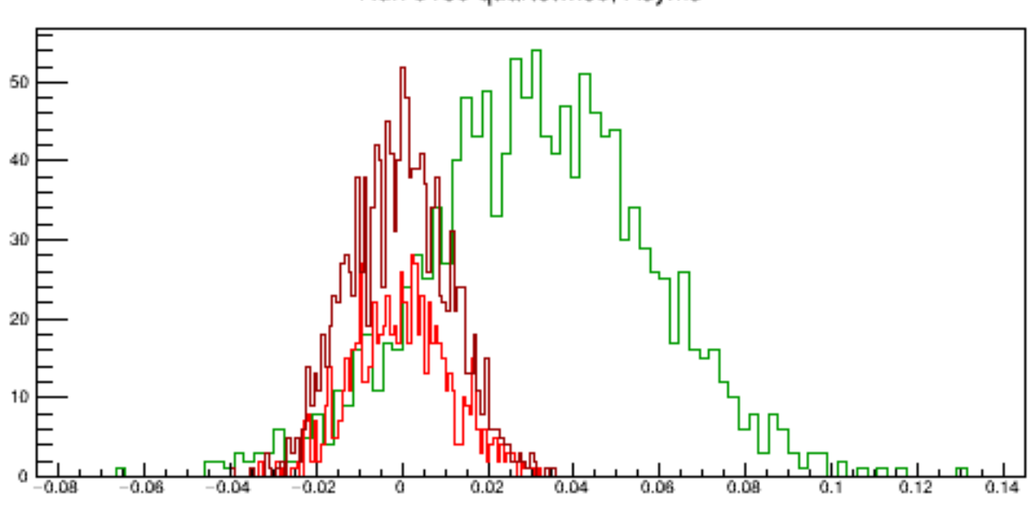
Cycle 5, Sums

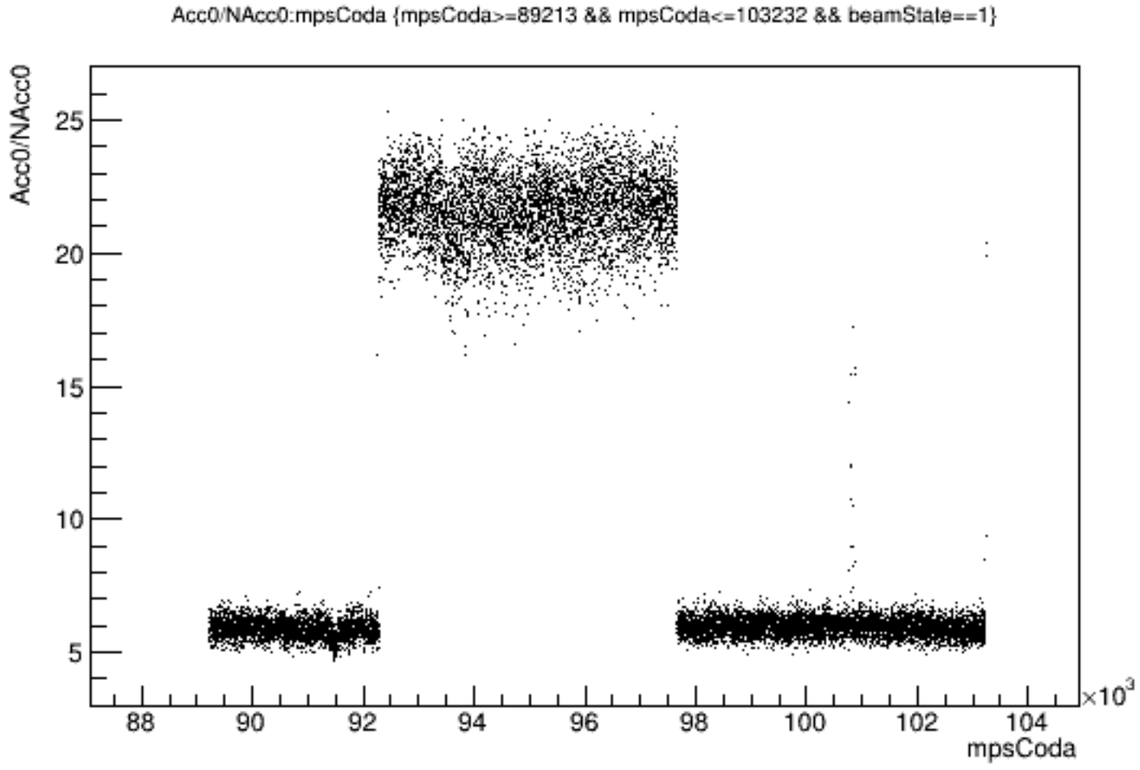
Entries: 765	Entries: 1345	Entries: 1379
Mean: 11.7396 +/- 0.0149	Mean: 43.2834 +/- 0.0368	Mean: 11.9257 +/- 0.0094
Std Dev: 0.4121 +/- 0.0105	Std Dev: 1.3512 +/- 0.0261	Std Dev: 0.3477 +/- 0.0066

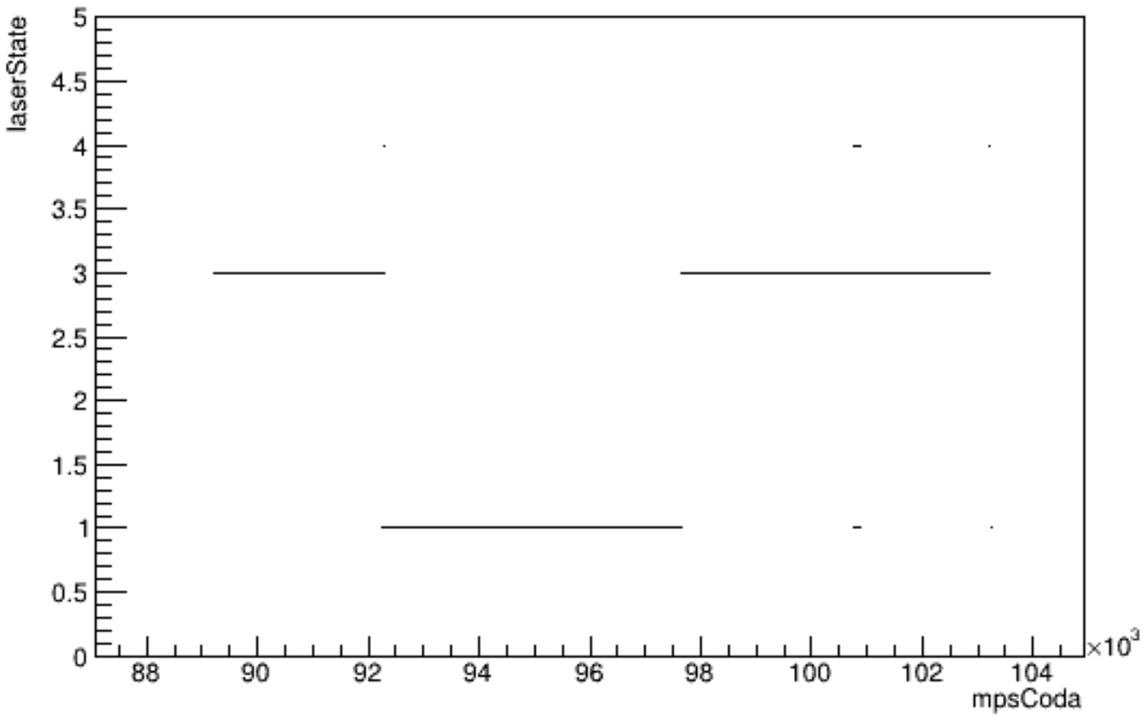


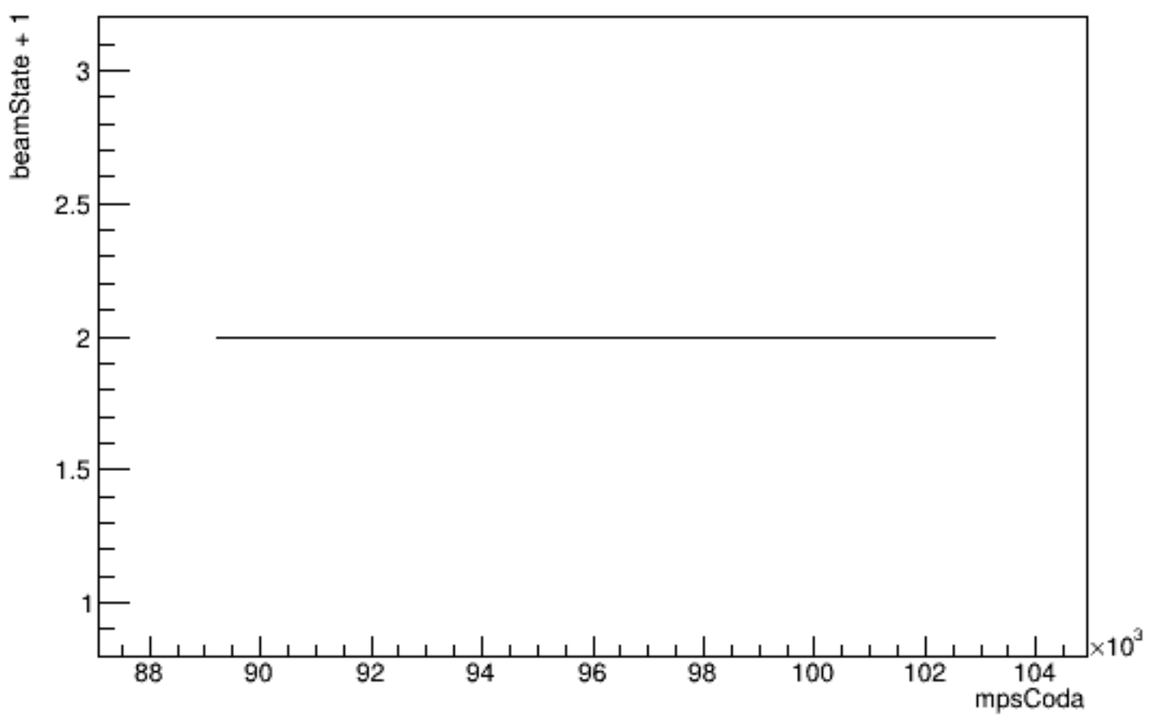
Cycle 5, Asyms

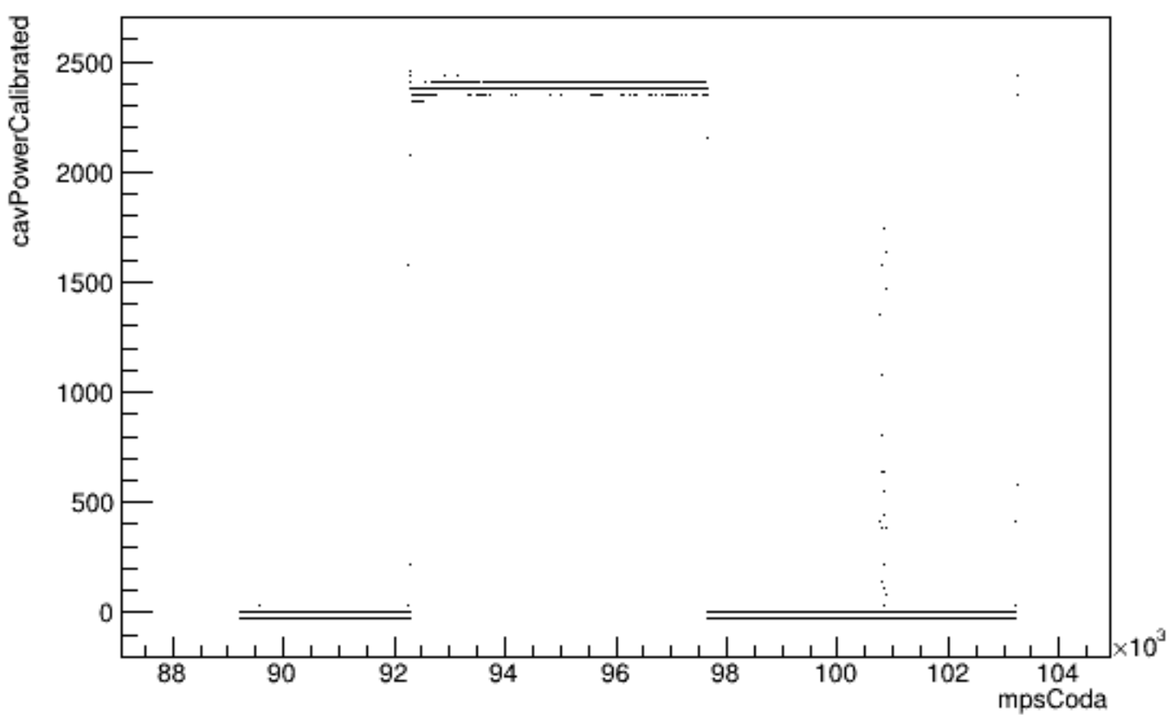
Entries: 765	Entries: 1345	Entries: 1379
Mean: -0.0001 +/- 0.0004	Mean: 0.0317 +/- 0.0007	Mean: -0.0006 +/- 0.0003
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0261 +/- 0.0005	Std Dev: 0.0116 +/- 0.0002

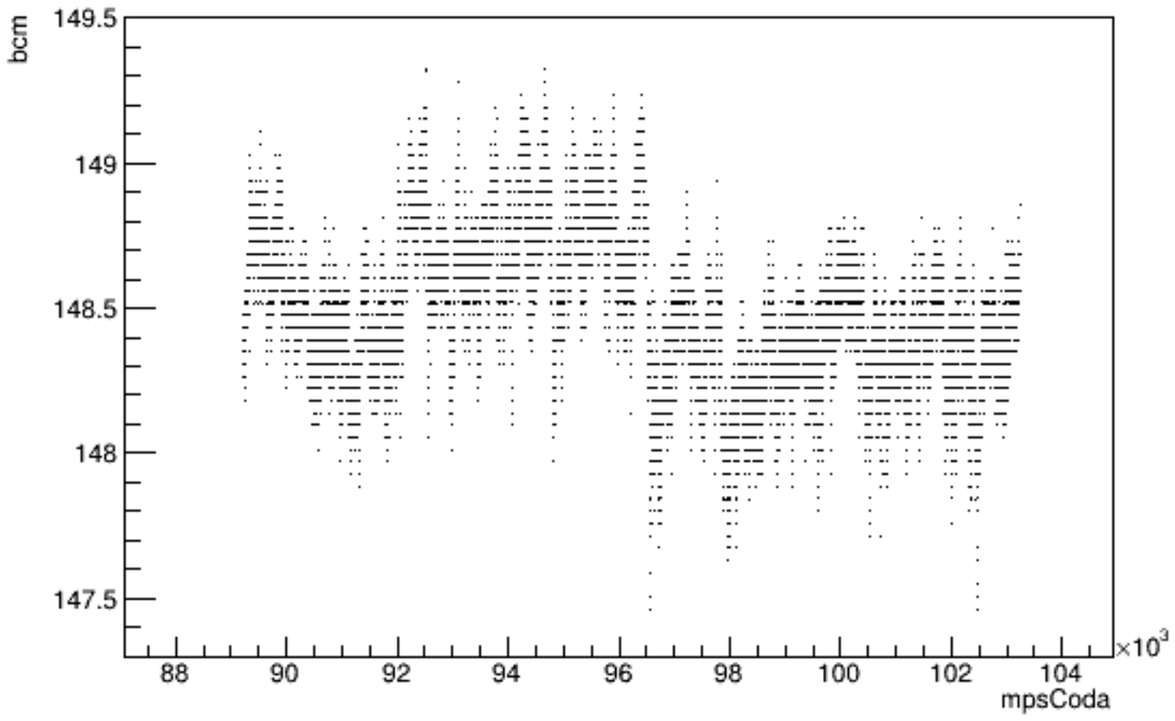





laserState:mpsCoda {mpsCoda>=89213 && mpsCoda<=103232}
laserState
mpsCoda
×10^3

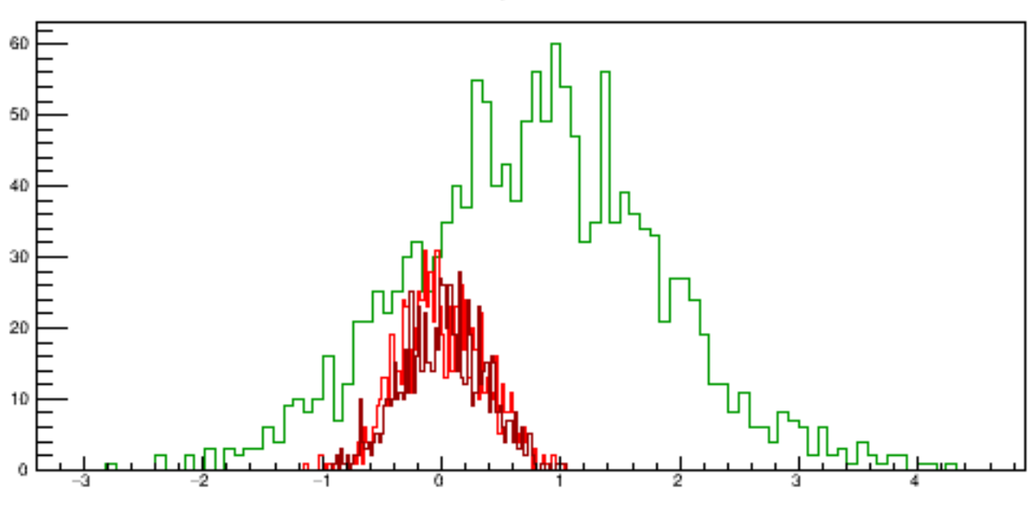

beamState + 1:mpsCoda {mpsCoda>=89213 && mpsCoda<=103232}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=89213 && mpsCoda<=103232}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=89213 && mpsCoda<=103232}
bcm
mpsCoda
×10^3

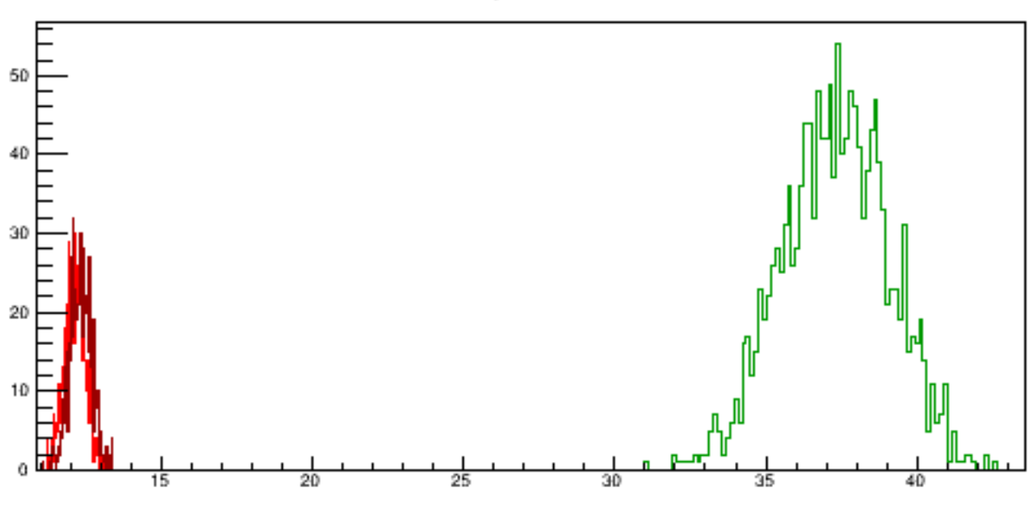
Cycle 6, Diffs

Entries: 863	Entries: 1513	Entries: 816
Mean: 0.0037 +/- 0.0120	Mean: 0.7879 +/- 0.0268	Mean: 0.0213 +/- 0.0120
Std Dev: 0.3513 +/- 0.0085	Std Dev: 1.0416 +/- 0.0189	Std Dev: 0.3439 +/- 0.0085



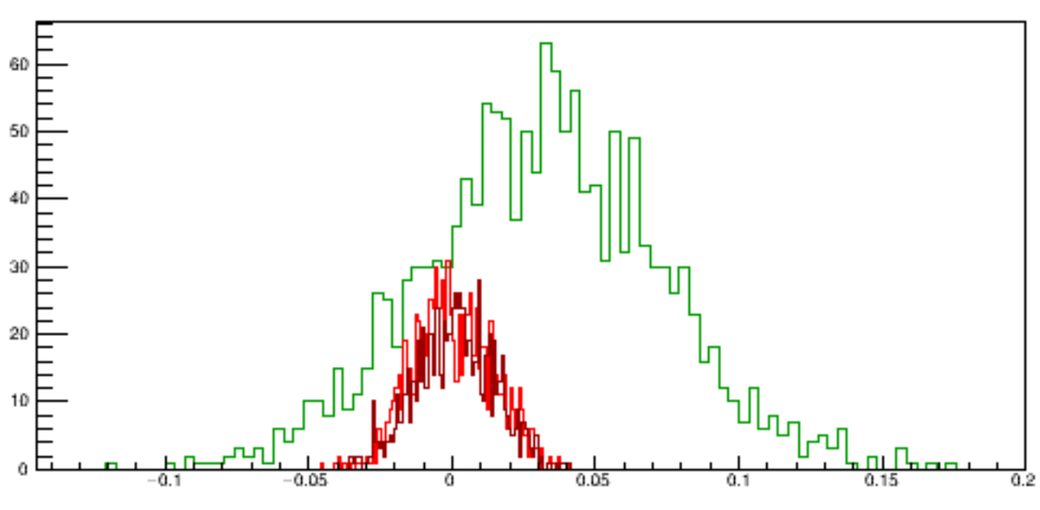
Cycle 6, Sums

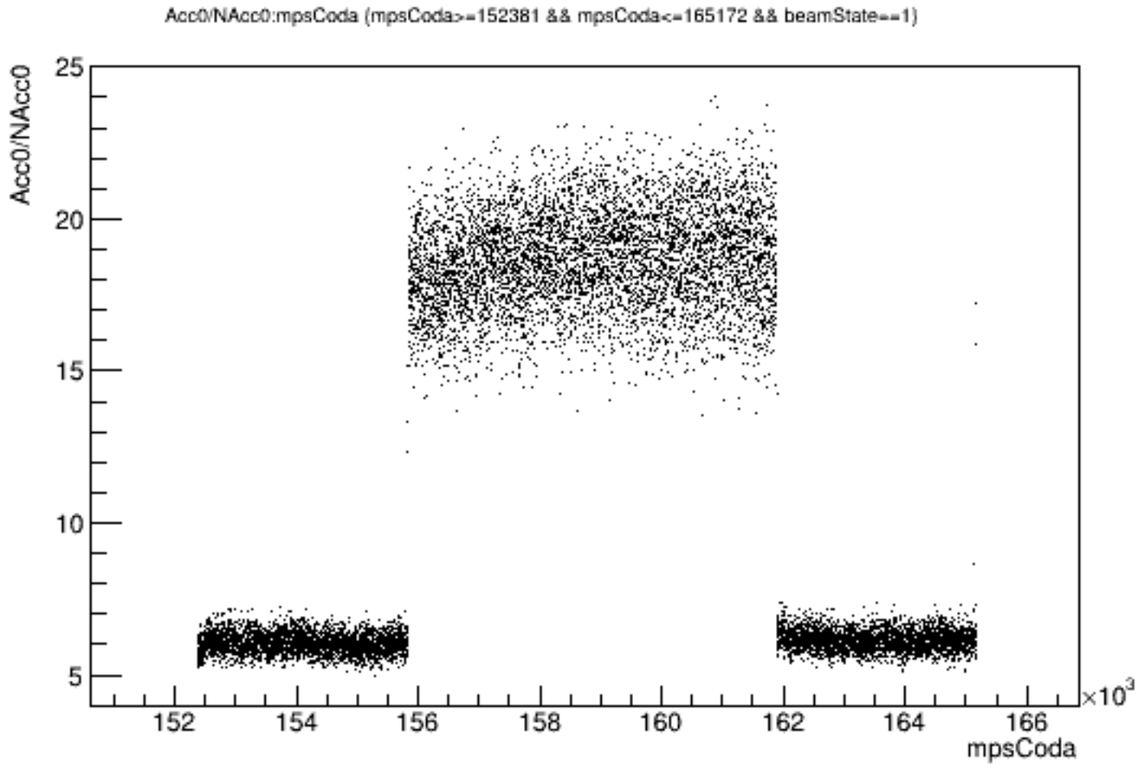
Entries: 863	Entries: 1513	Entries: 816
Mean: 12.1101 +/- 0.0117	Mean: 37.2957 +/- 0.0455	Mean: 12.3099 +/- 0.0123
Std Dev: 0.3447 +/- 0.0083	Std Dev: 1.7705 +/- 0.0322	Std Dev: 0.3511 +/- 0.0087

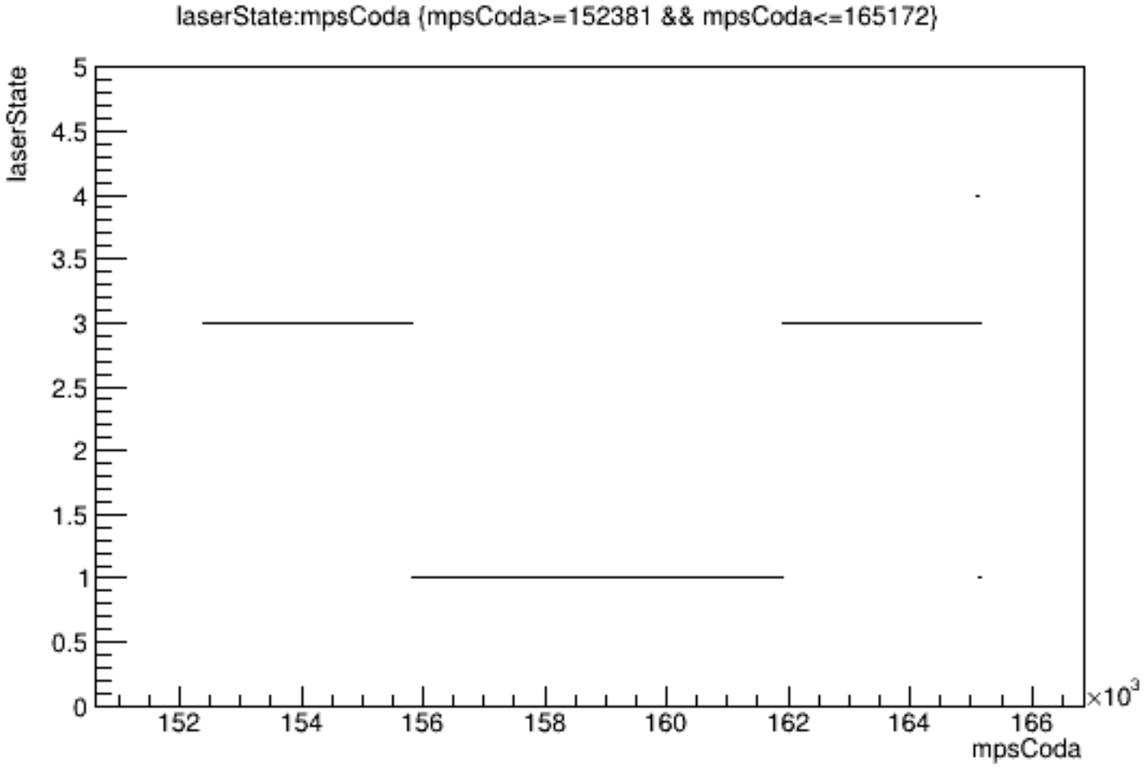


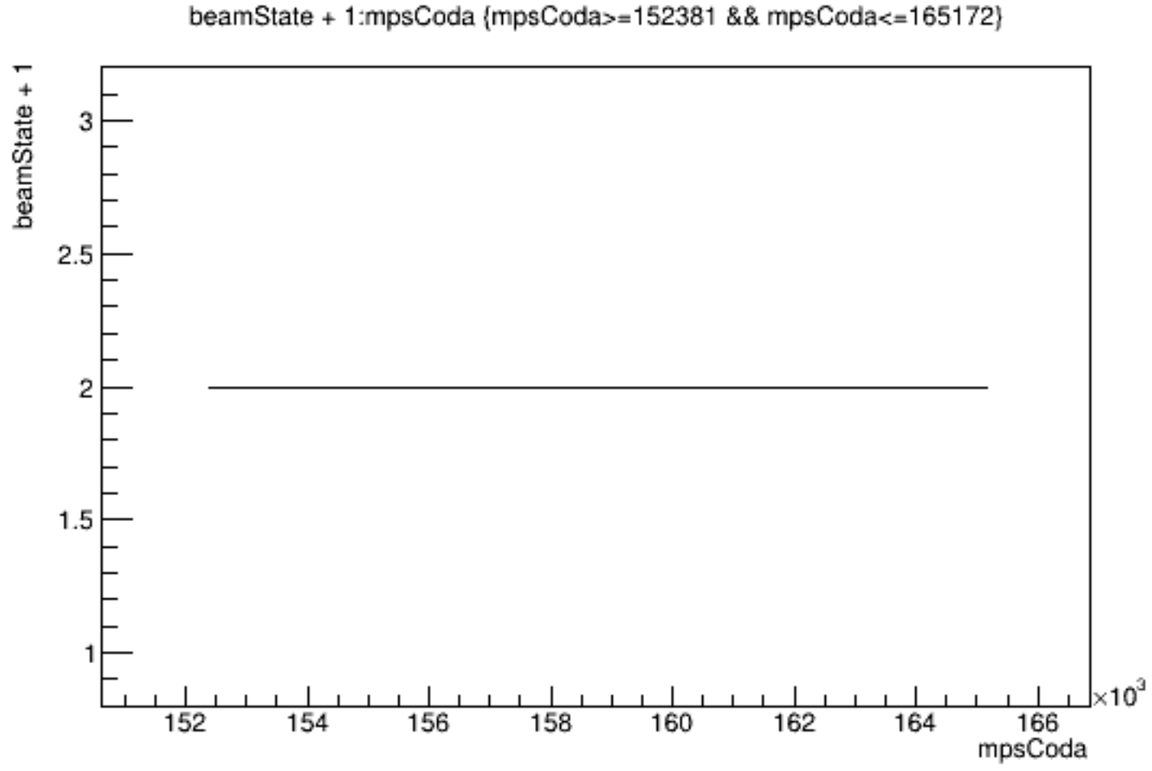
Cycle 6, Asyms

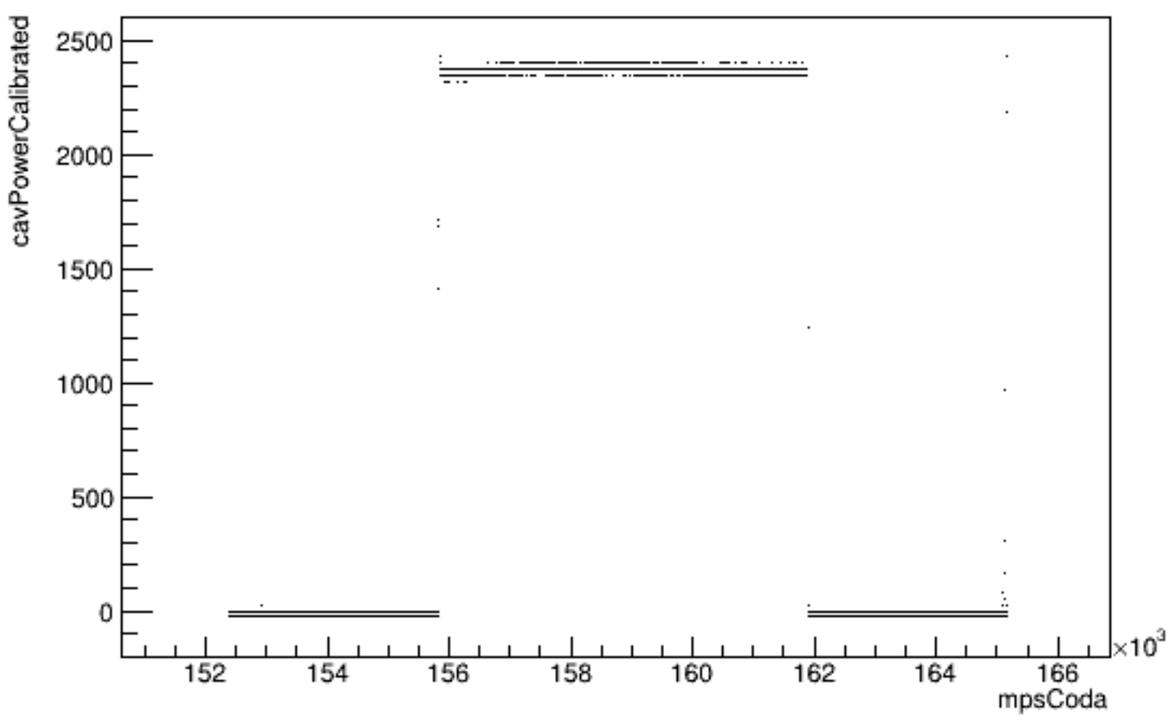
Entries: 863	Entries: 1513	Entries: 816
Mean: 0.0001 +/- 0.0005	Mean: 0.0313 +/- 0.0011	Mean: 0.0009 +/- 0.0005
Std Dev: 0.0140 +/- 0.0003	Std Dev: 0.0417 +/- 0.0008	Std Dev: 0.0137 +/- 0.0003

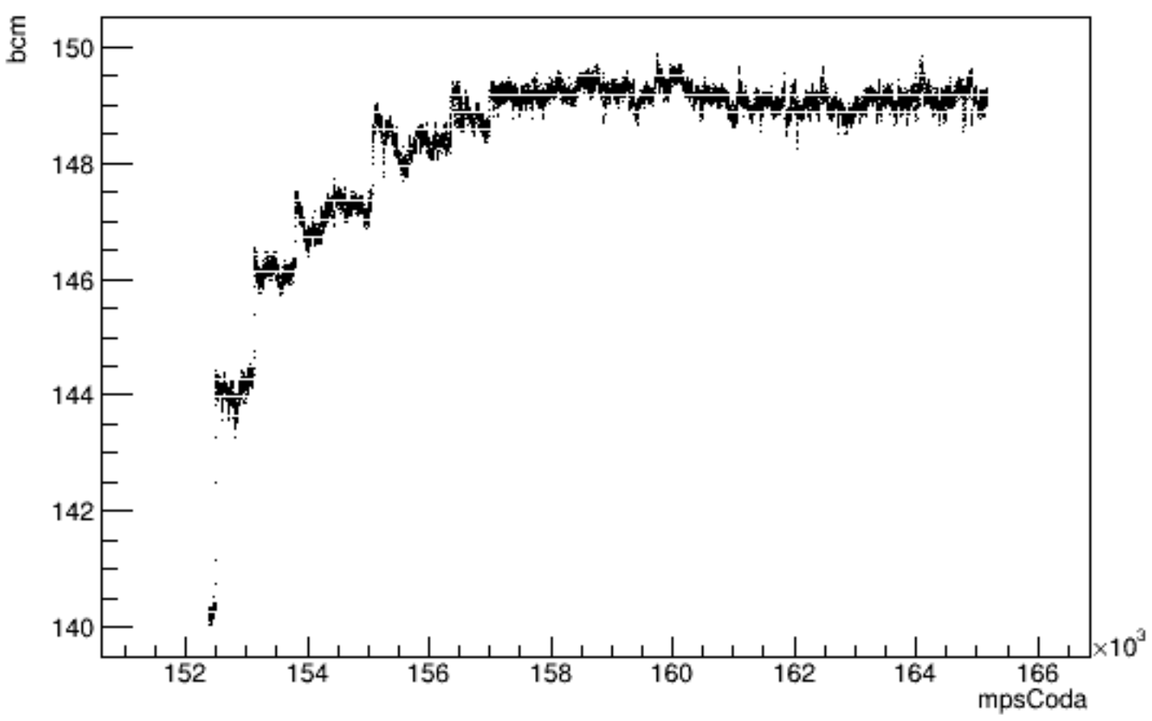





laserState:mpsCoda {mpsCoda>=152381 && mpsCoda<=165172}
laserState
mpsCoda
×10^3

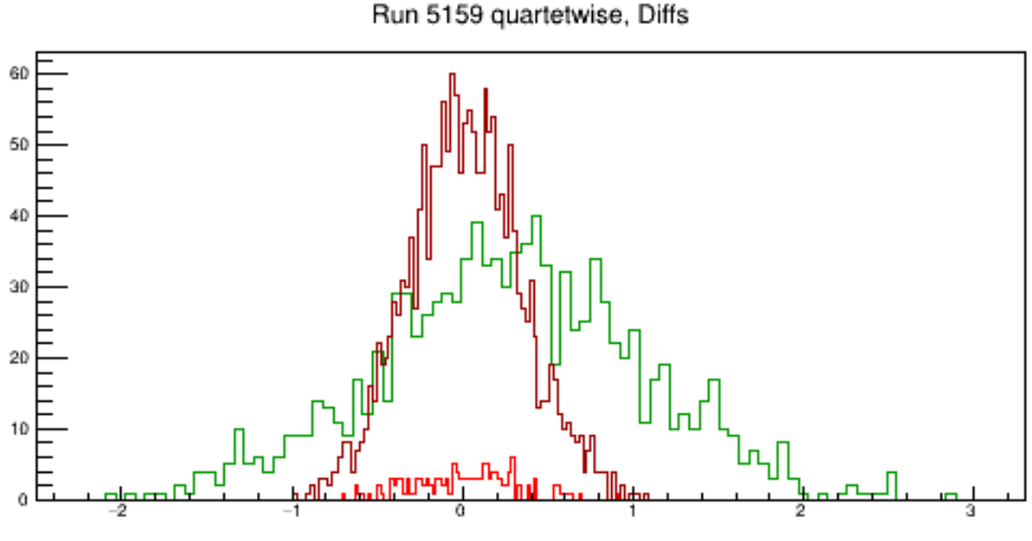

beamState + 1:mpsCoda {mpsCoda>=152381 && mpsCoda<=165172}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=152381 && mpsCoda<=165172}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=152381 && mpsCoda<=165172}
bcm
mpsCoda
×10^3

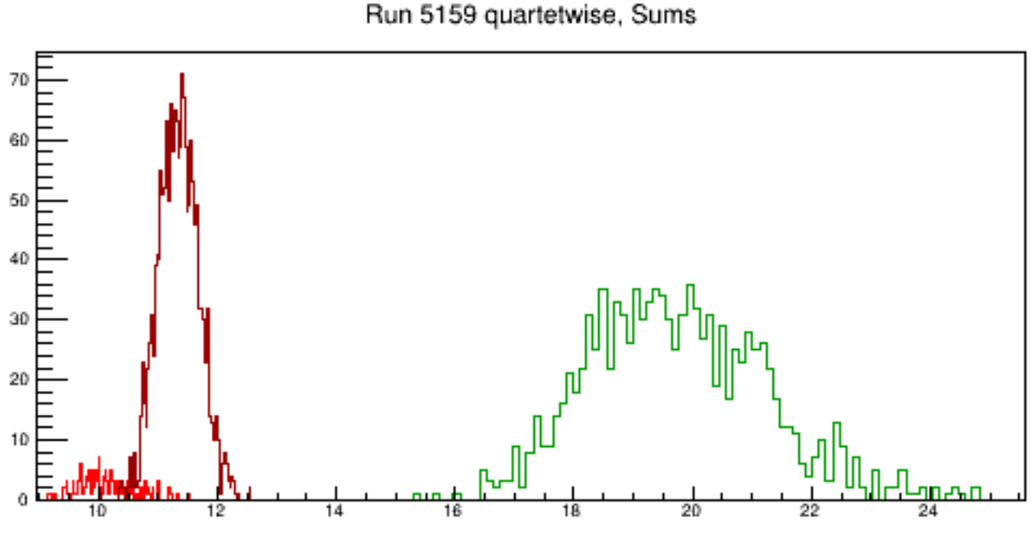
Cycle 7, Diffs

Entries: 137	Entries: 1098	Entries: 1836
Mean: 0.0104 +/- 0.0261	Mean: 0.2765 +/- 0.0235	Mean: 0.0135 +/- 0.0077
Std Dev: 0.3058 +/- 0.0185	Std Dev: 0.7789 +/- 0.0166	Std Dev: 0.3305 +/- 0.0055



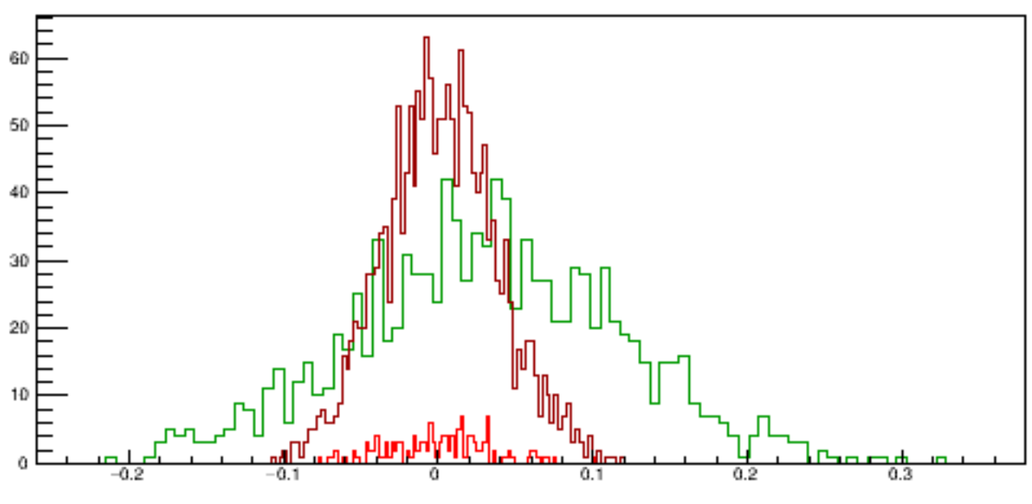
Cycle 7, Sums

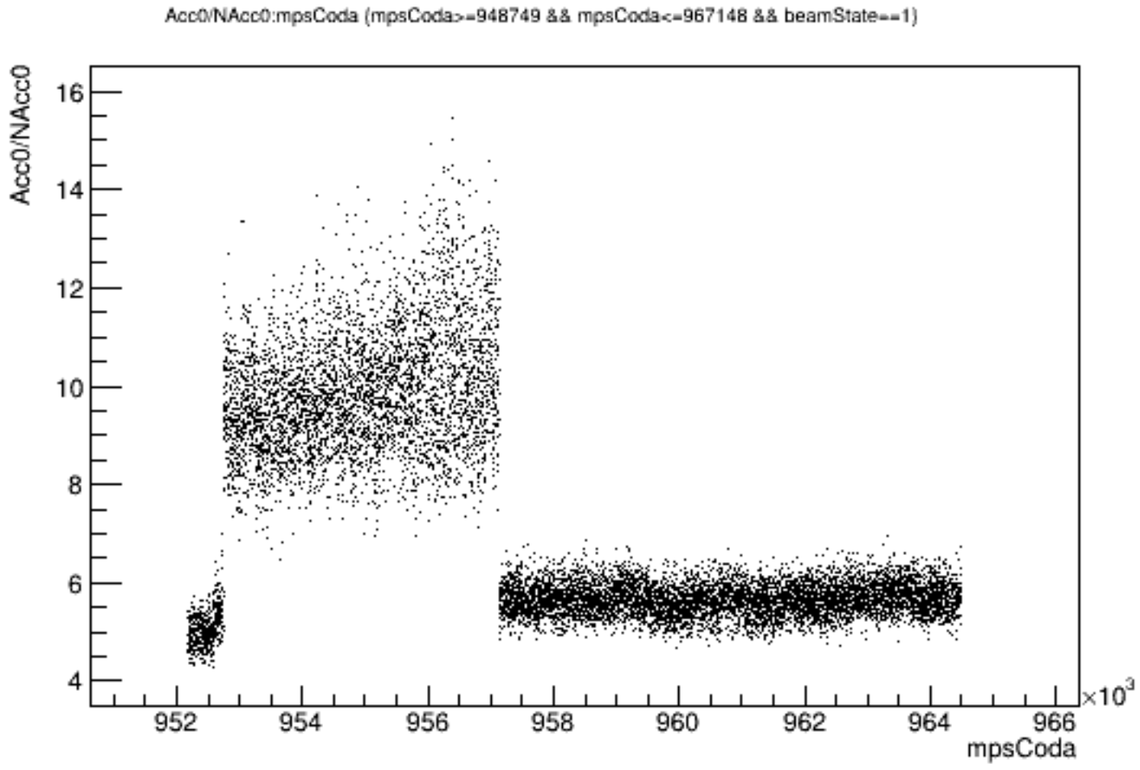
Entries: 137	Entries: 1098	Entries: 1836
Mean: 10.1221 +/- 0.0402	Mean: 19.7264 +/- 0.0448	Mean: 11.3417 +/- 0.0079
Std Dev: 0.4706 +/- 0.0284	Std Dev: 1.4856 +/- 0.0317	Std Dev: 0.3395 +/- 0.0056

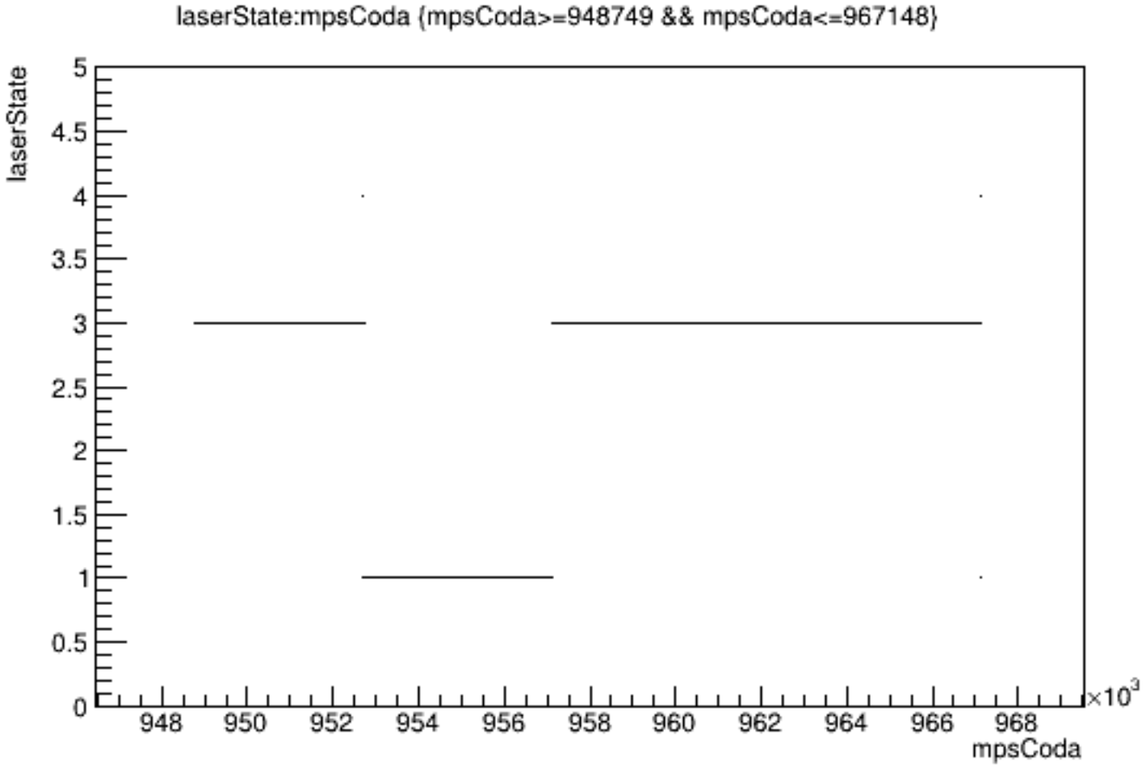


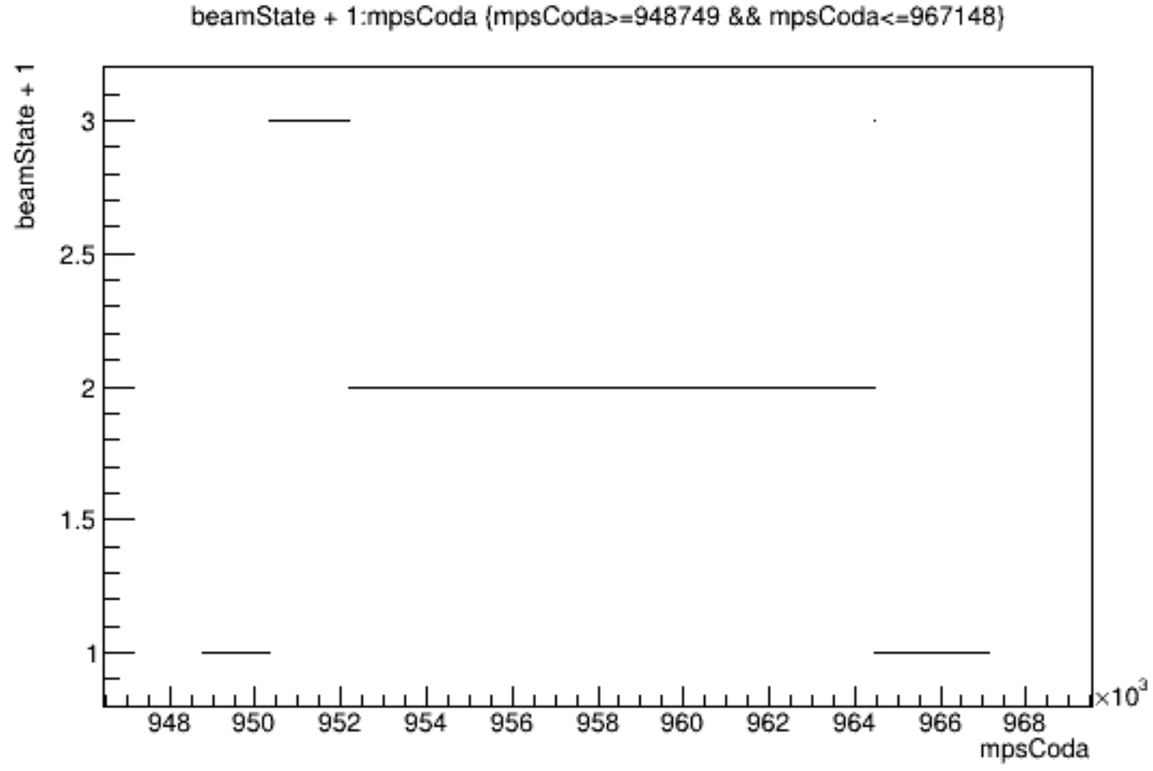
Cycle 7, Asyms

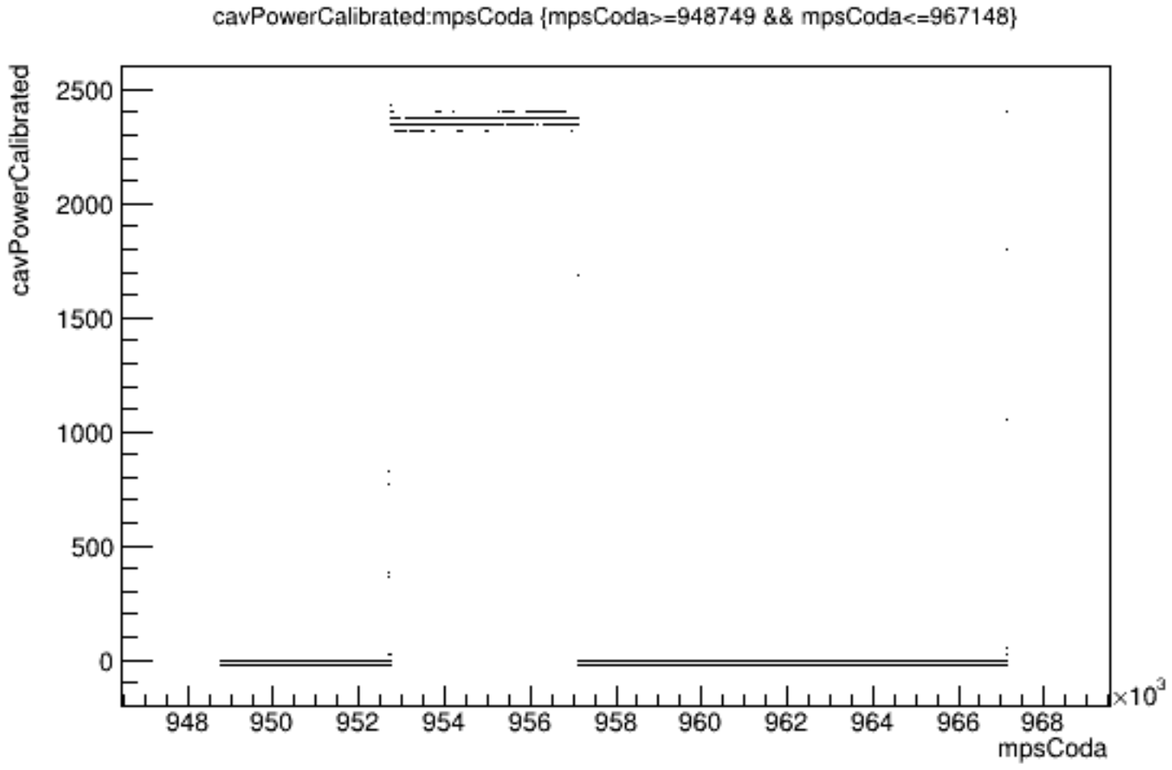
Entries: 137	Entries: 1098	Entries: 1836
Mean: 0.0012 +/- 0.0029	Mean: 0.0315 +/- 0.0026	Mean: 0.0015 +/- 0.0009
Std Dev: 0.0340 +/- 0.0021	Std Dev: 0.0866 +/- 0.0018	Std Dev: 0.0367 +/- 0.0006

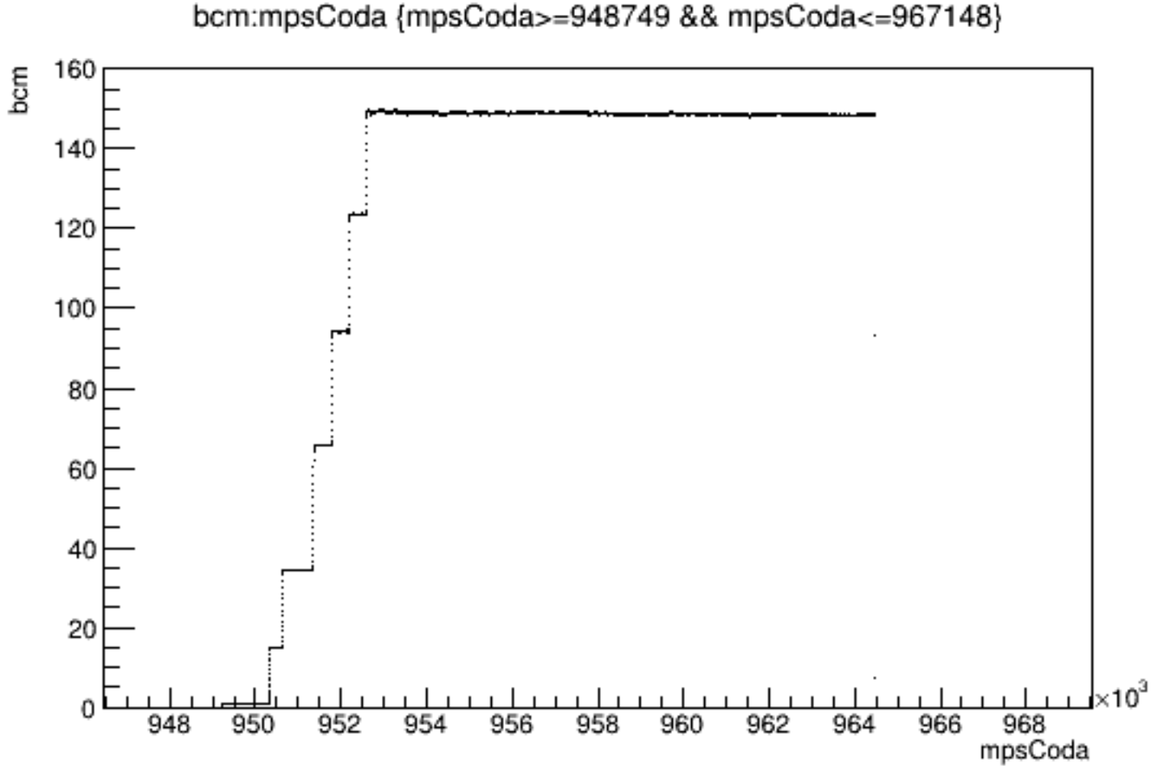





laserState:mpsCoda {mpsCoda>=948749 && mpsCoda<=967148}
laserState
mpsCoda
×10^3

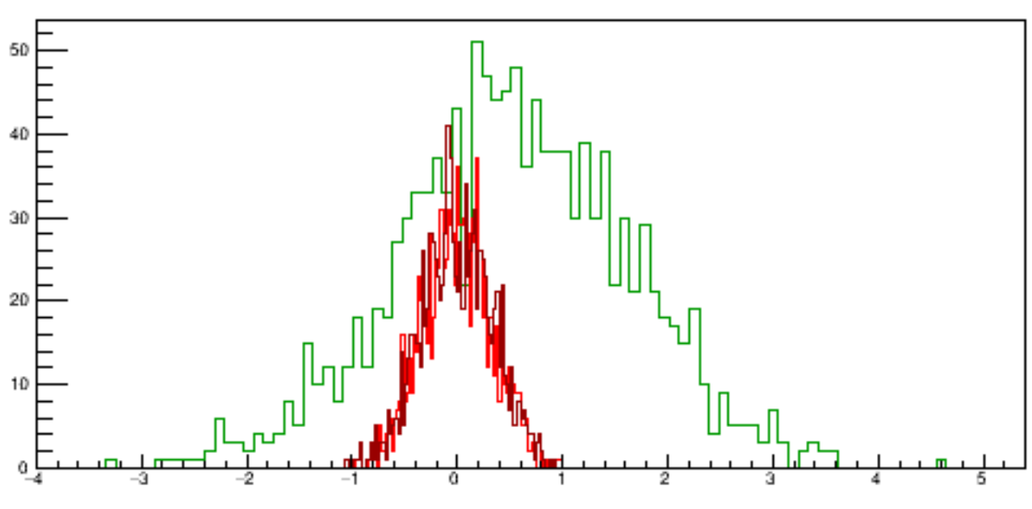

beamState + 1:mpsCoda {mpsCoda>=948749 && mpsCoda<=967148}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=948749 && mpsCoda<=967148}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=948749 && mpsCoda<=967148}
bcm
mpsCoda
×10^3

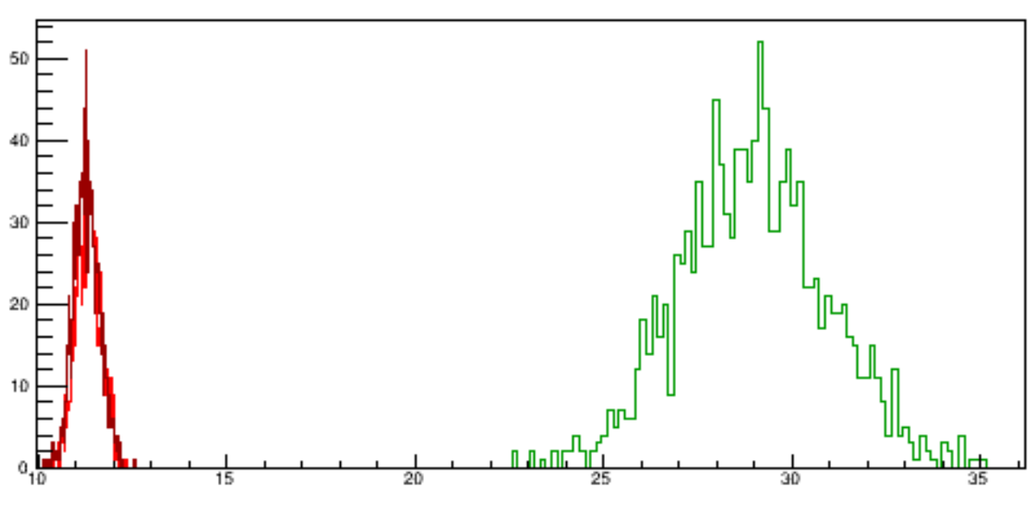
Cycle 8, Diffs

Entries: 1034	Entries: 1247	Entries: 1056
Mean: -0.0013 +/- 0.0100	Mean: 0.5393 +/- 0.0314	Mean: 0.0002 +/- 0.0104
Std Dev: 0.3218 +/- 0.0071	Std Dev: 1.1092 +/- 0.0222	Std Dev: 0.3390 +/- 0.0074



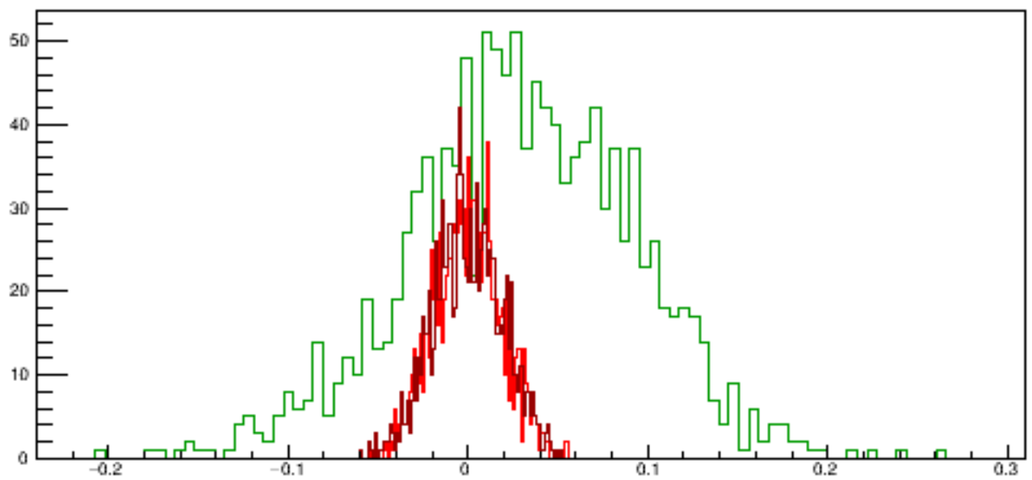
Cycle 8, Sums

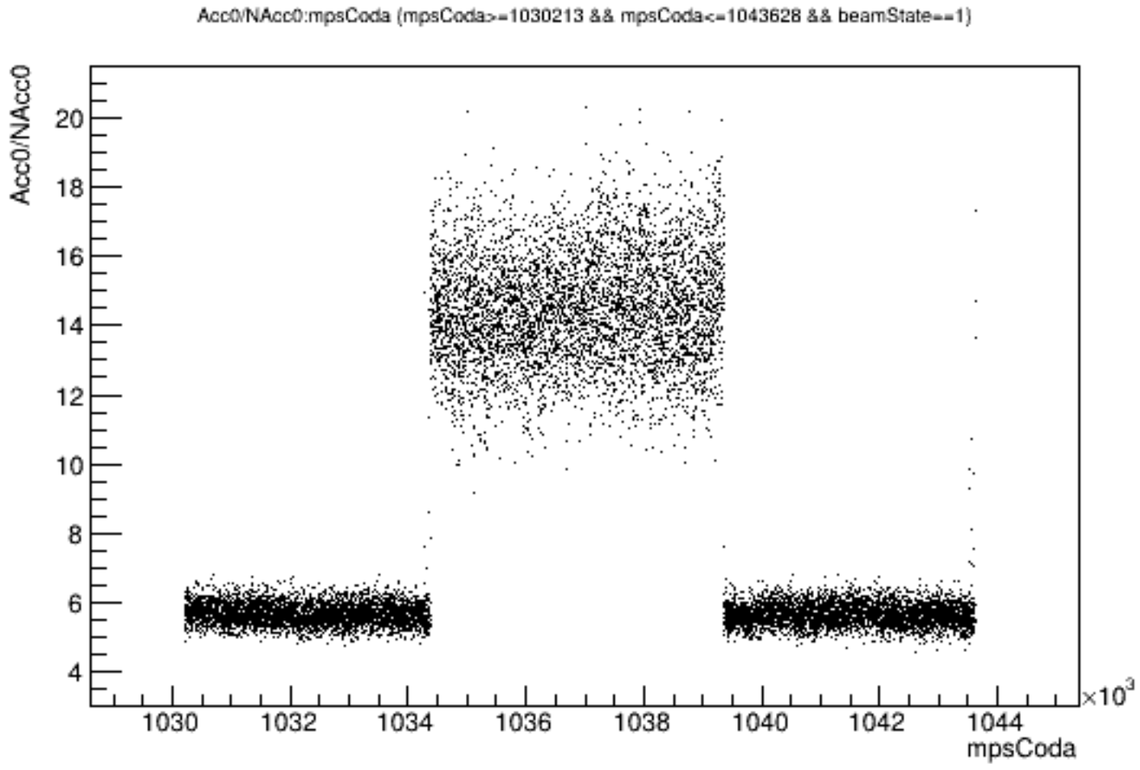
Entries: 1034	Entries: 1247	Entries: 1056
Mean: 11.3303 +/- 0.0101	Mean: 28.9817 +/- 0.0558	Mean: 11.2807 +/- 0.0102
Std Dev: 0.3260 +/- 0.0072	Std Dev: 1.9689 +/- 0.0394	Std Dev: 0.3302 +/- 0.0072

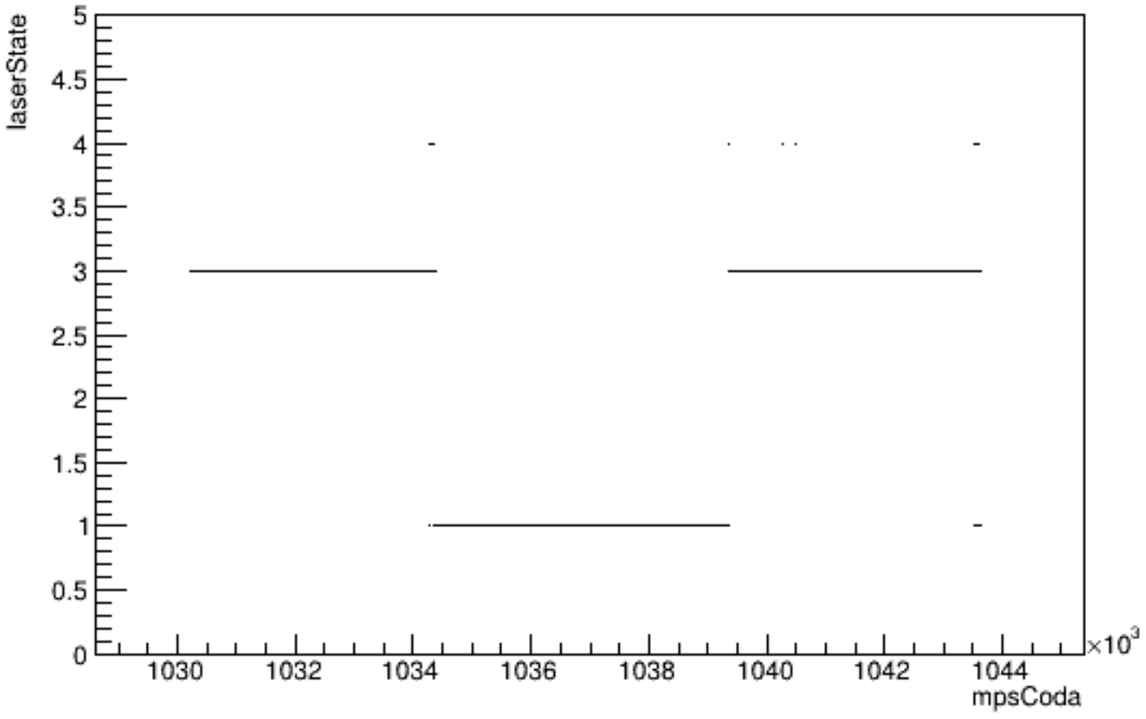


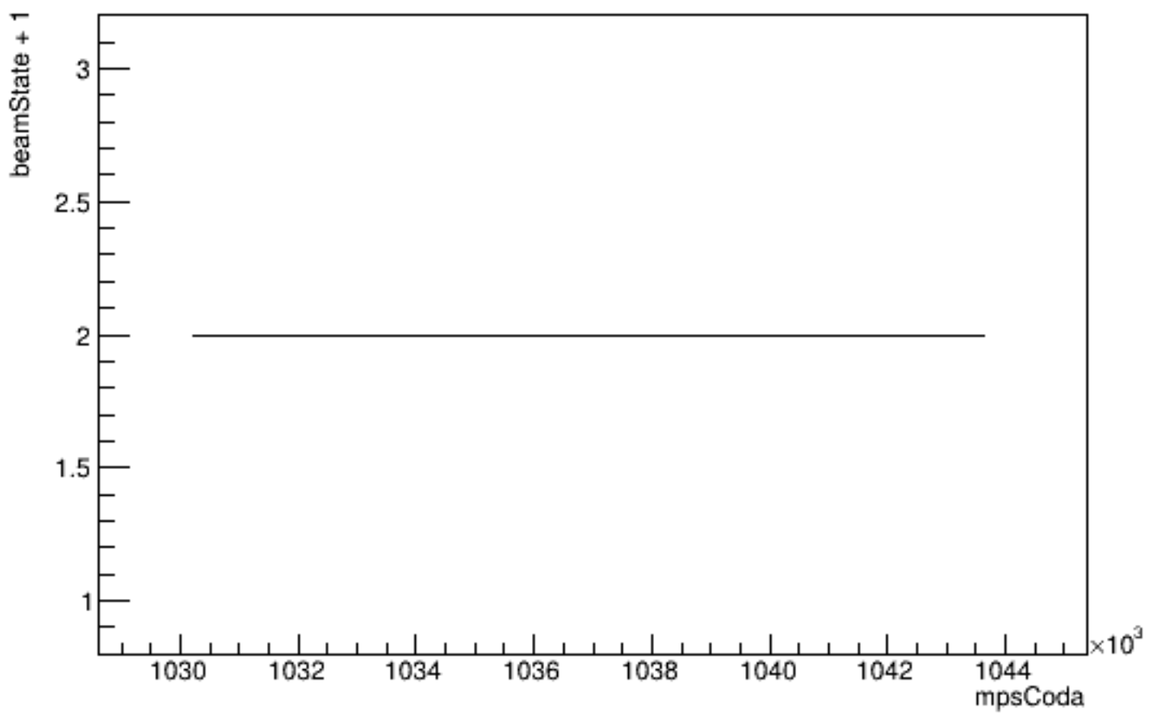
Cycle 8, Asyms

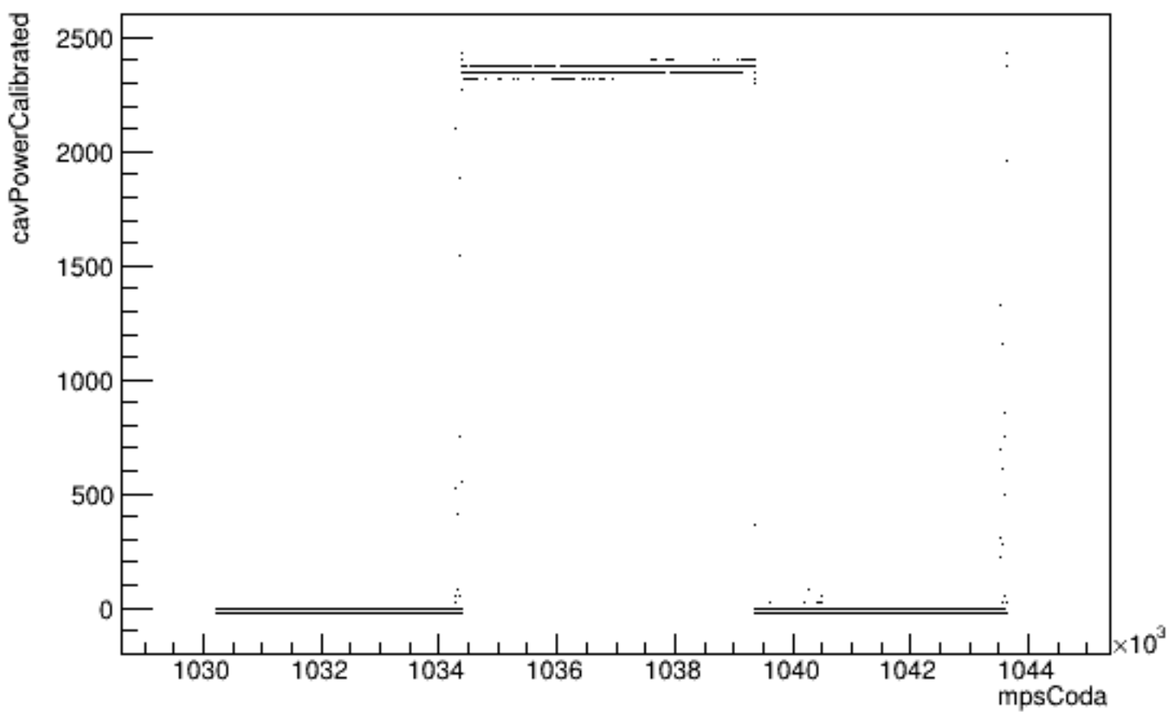
Entries: 1034	Entries: 1247	Entries: 1056
Mean: -0.0001 +/- 0.0006	Mean: 0.0300 +/- 0.0018	Mean: 0.0000 +/- 0.0006
Std Dev: 0.0182 +/- 0.0004	Std Dev: 0.0631 +/- 0.0013	Std Dev: 0.0192 +/- 0.0004

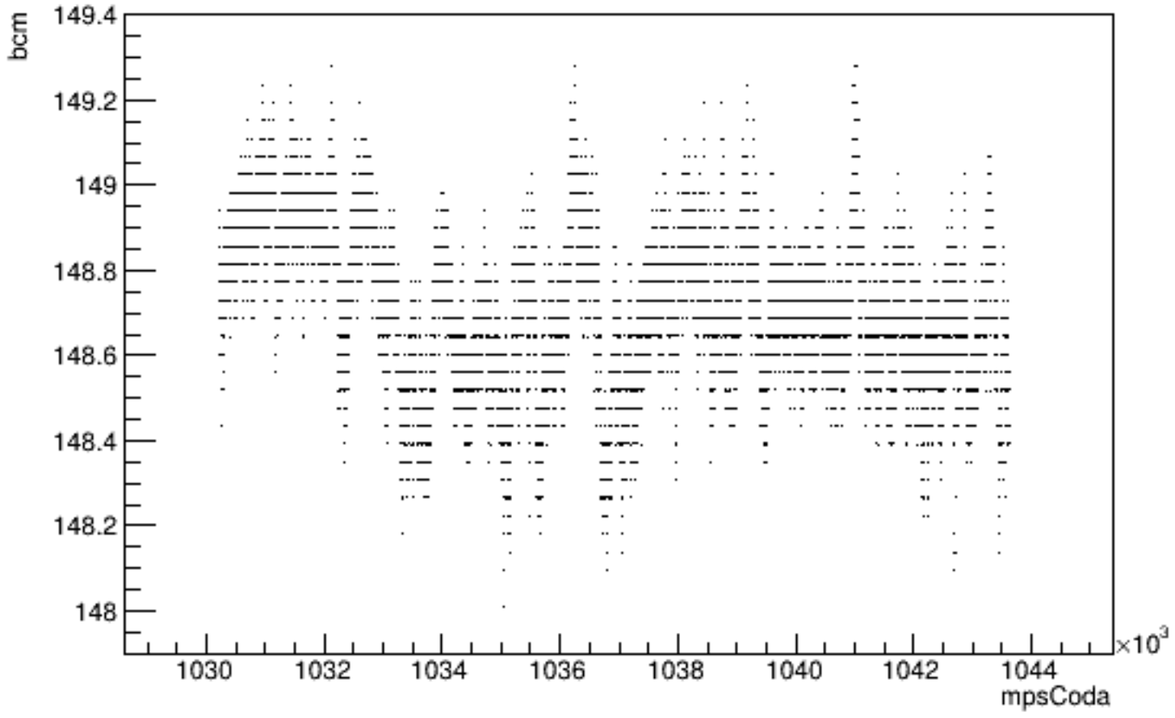





laserState:mpsCoda {mpsCoda>=1030213 && mpsCoda<=1043628}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=1030213 && mpsCoda<=1043628}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1030213 && mpsCoda<=1043628}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1030213 && mpsCoda<=1043628}
bcm
mpsCoda
×10^3