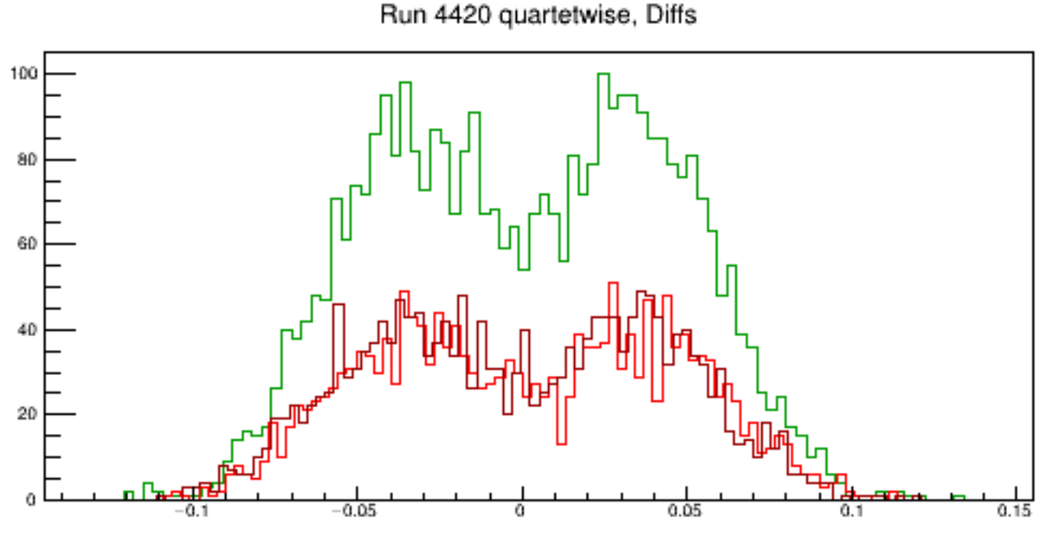
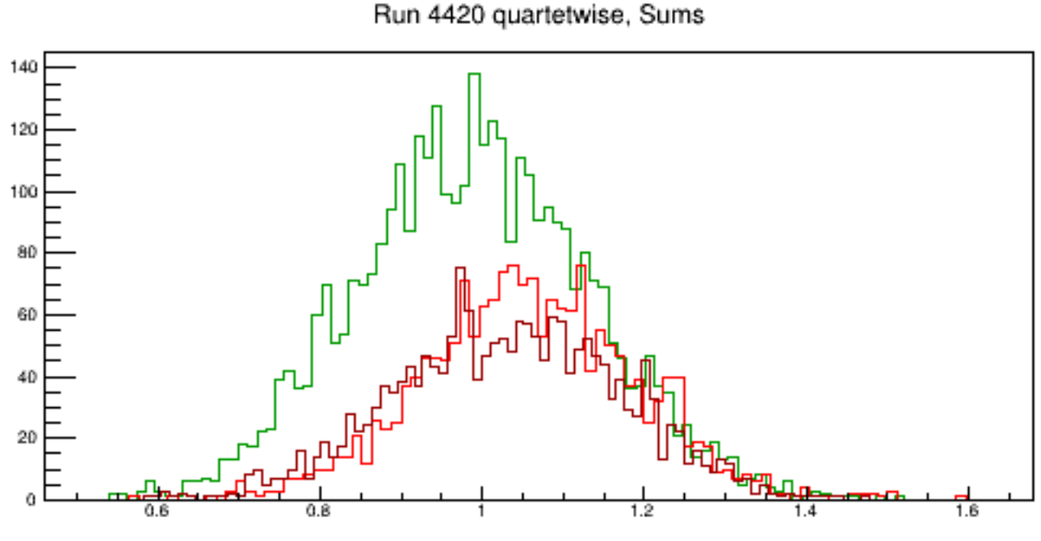
Cycle 1, Diffs

Entries: 1854	Entries: 3678	Entries: 1933
Mean: 0.0012 +/- 0.0010	Mean: 0.0007 +/- 0.0007	Mean: -0.0013 +/- 0.0010
Std Dev: 0.0449 +/- 0.0007	Std Dev: 0.0437 +/- 0.0005	Std Dev: 0.0443 +/- 0.0007



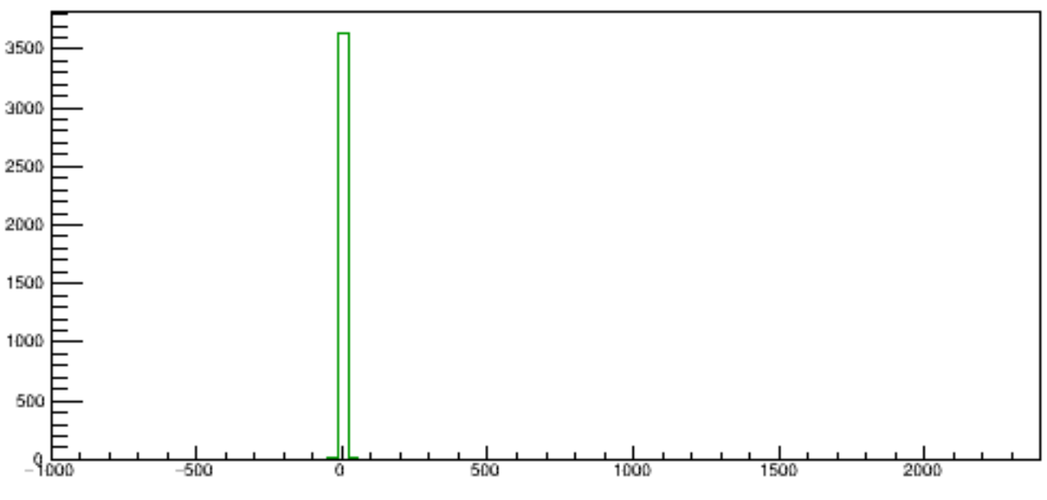
Cycle 1, Sums

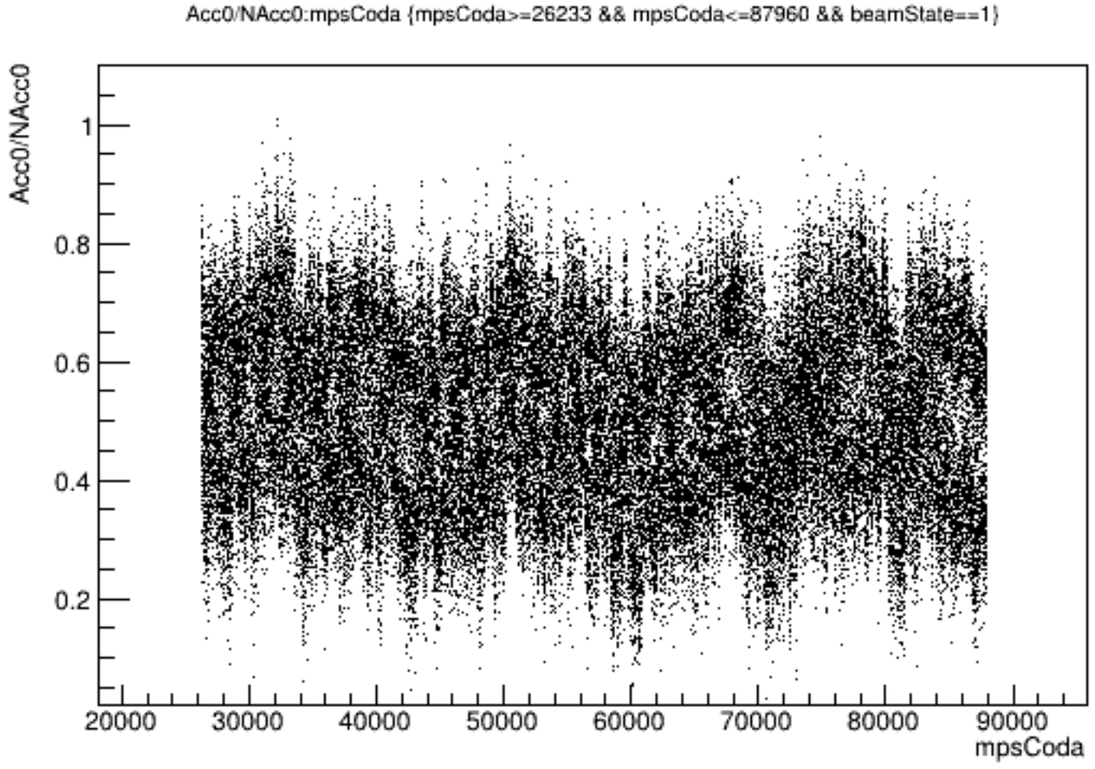
Entries: 1854	Entries: 3678	Entries: 1933
Mean: 1.0574 +/- 0.0031	Mean: 0.9896 +/- 0.0024	Mean: 1.0312 +/- 0.0032
Std Dev: 0.1324 +/- 0.0022	Std Dev: 0.1444 +/- 0.0017	Std Dev: 0.1395 +/- 0.0022

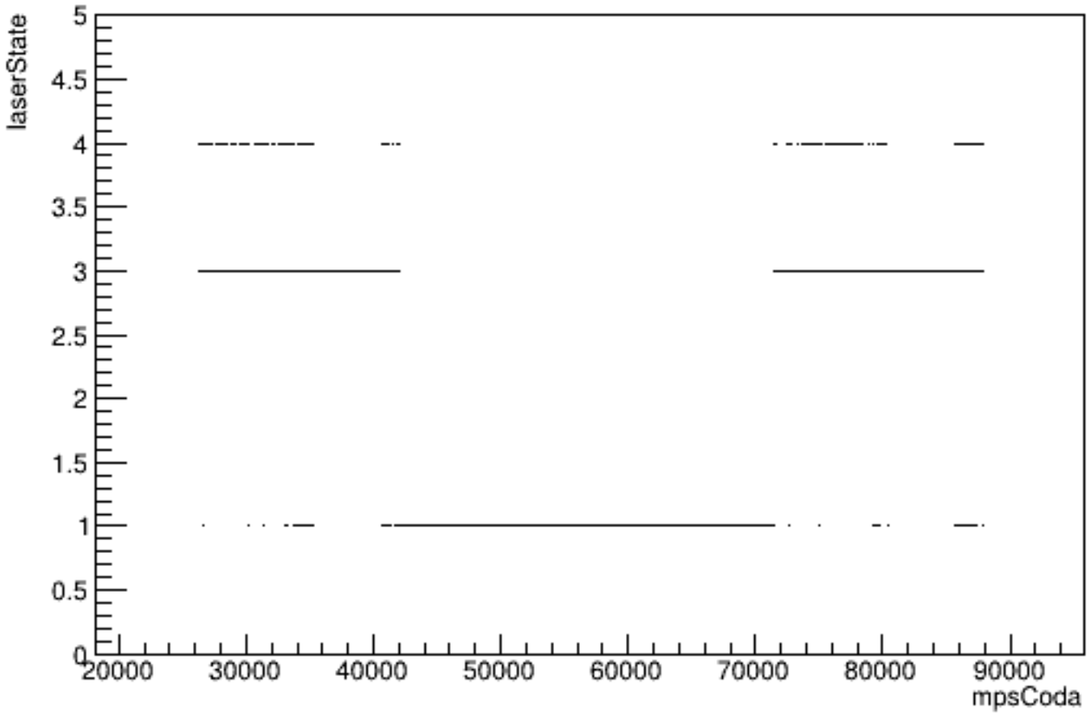


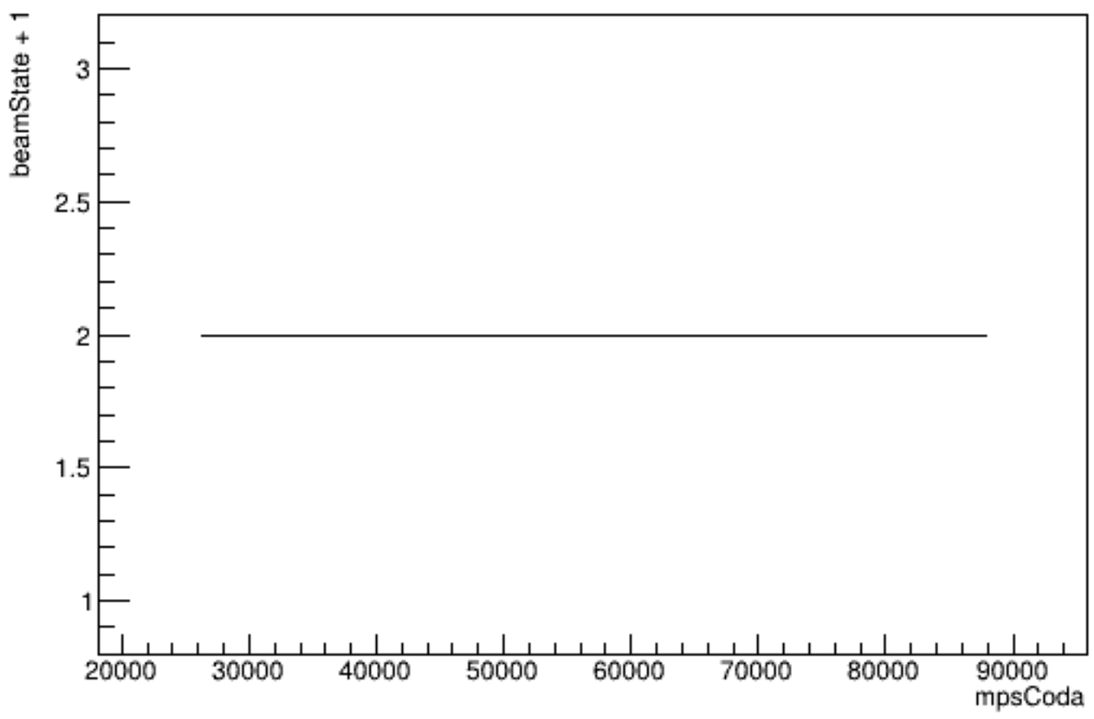
Cycle 1, Asyms

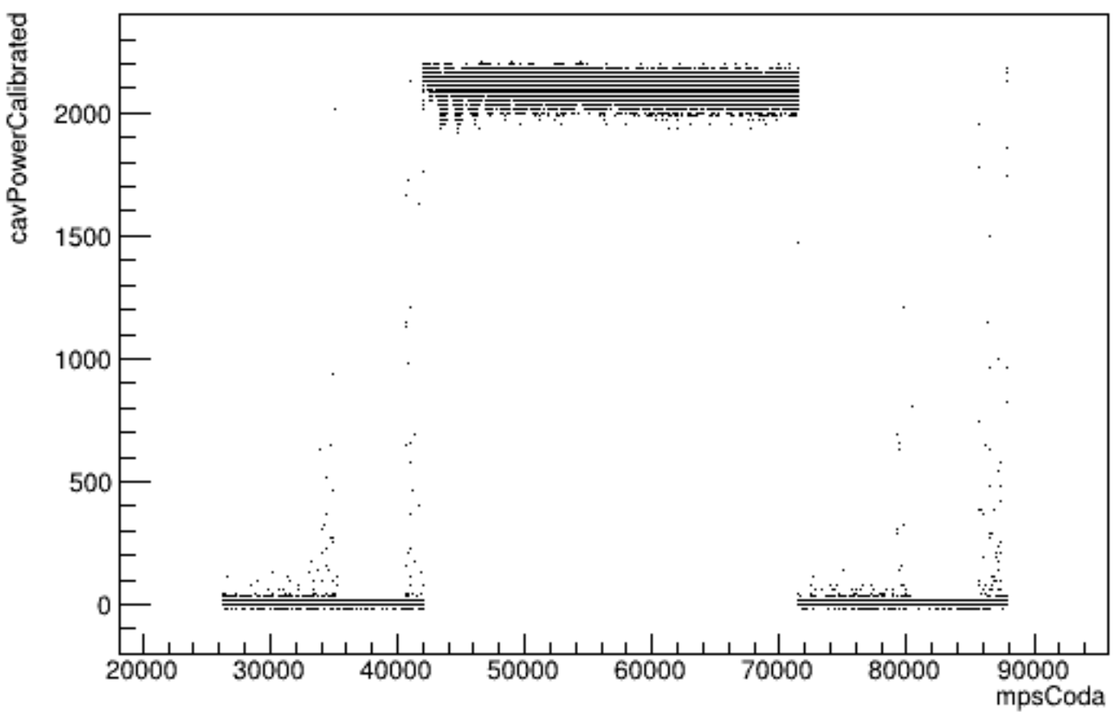
Entries: 1854	Entries: 3678	Entries: 1933
Mean: -0.0210 +/- 0.0191	Mean: 0.6344 +/- 0.6469	Mean: 0.0231 +/- 0.0184
Std Dev: 0.8209 +/- 0.0135	Std Dev: 39.2294 +/- 0.4574	Std Dev: 0.8087 +/- 0.0130

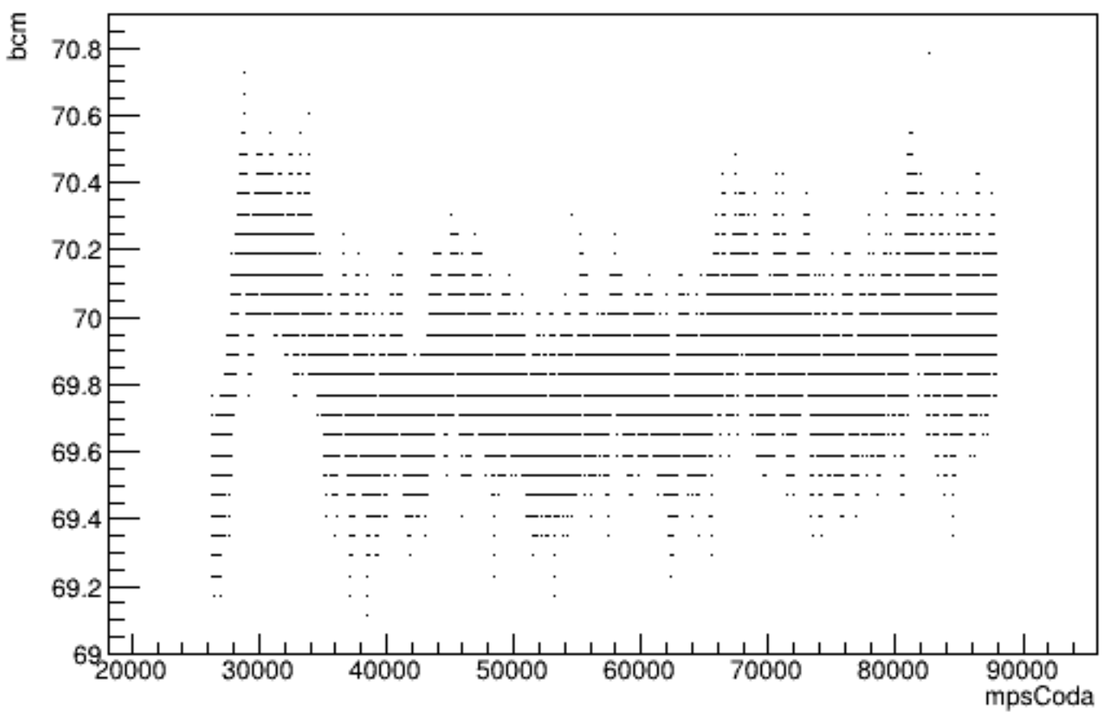





laserState:mpsCoda {mpsCoda>=26233 && mpsCoda<=87960}
laserState
mpsCoda
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
20000
30000
40000
50000
60000
70000
80000
90000

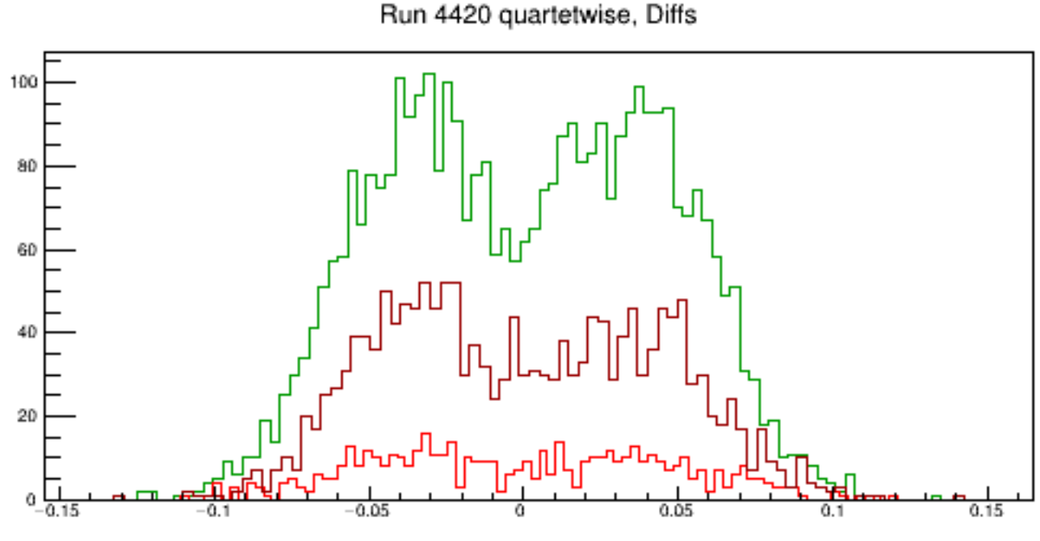

beamState + 1:mpsCoda {mpsCoda>=26233 && mpsCoda<=87960}
beamState + 1
mpsCoda
1
1.5
2
2.5
3
20000
30000
40000
50000
60000
70000
80000
90000


cavPowerCalibrated:mpsCoda {mpsCoda>=26233 && mpsCoda<=87960}
cavPowerCalibrated
mpsCoda
0
500
1000
1500
2000
20000
30000
40000
50000
60000
70000
80000
90000


bcm:mpsCoda {mpsCoda>=26233 && mpsCoda<=87960}
bcm
mpsCoda
69
69.2
69.4
69.6
69.8
70
70.2
70.4
70.6
70.8
20000
30000
40000
50000
60000
70000
80000
90000

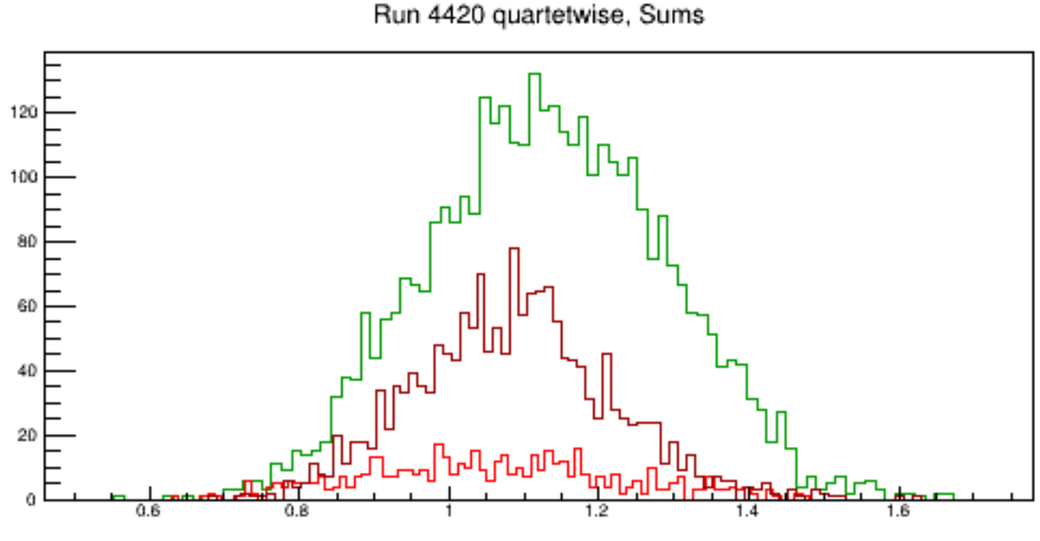
Cycle 2, Diffs

Entries: 505	Entries: 3760	Entries: 1695
Mean: -0.0007 +/- 0.0021	Mean: 0.0004 +/- 0.0007	Mean: -0.0003 +/- 0.0011
Std Dev: 0.0470 +/- 0.0015	Std Dev: 0.0442 +/- 0.0005	Std Dev: 0.0439 +/- 0.0008



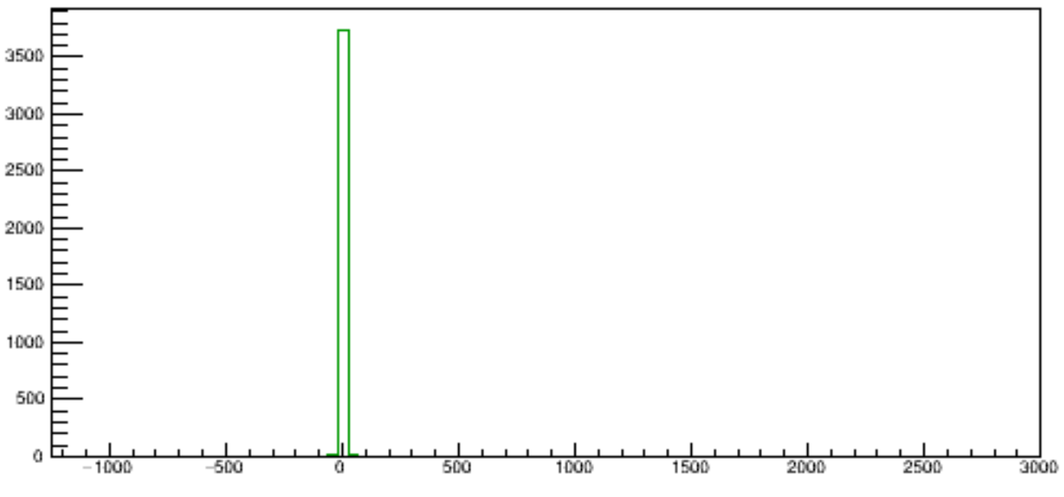
Cycle 2, Sums

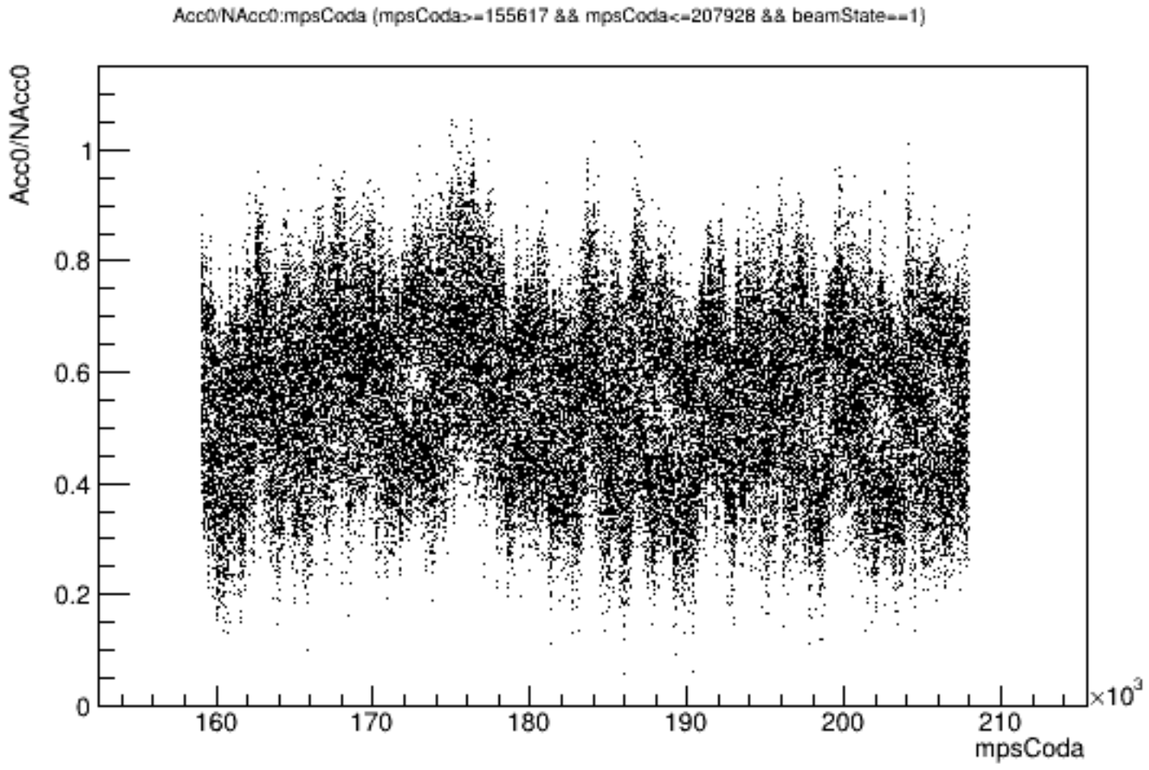
Entries: 505	Entries: 3760	Entries: 1695
Mean: 1.0559 +/- 0.0076	Mean: 1.1310 +/- 0.0026	Mean: 1.0841 +/- 0.0032
Std Dev: 0.1703 +/- 0.0054	Std Dev: 0.1589 +/- 0.0018	Std Dev: 0.1317 +/- 0.0023

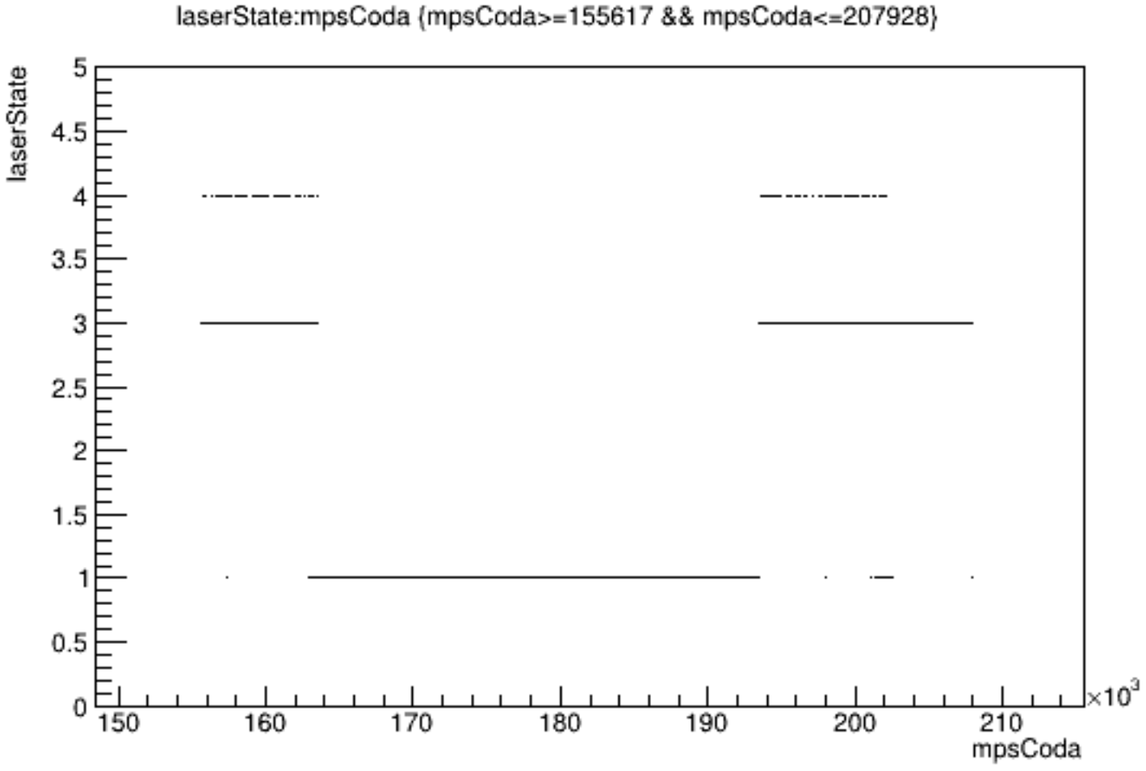


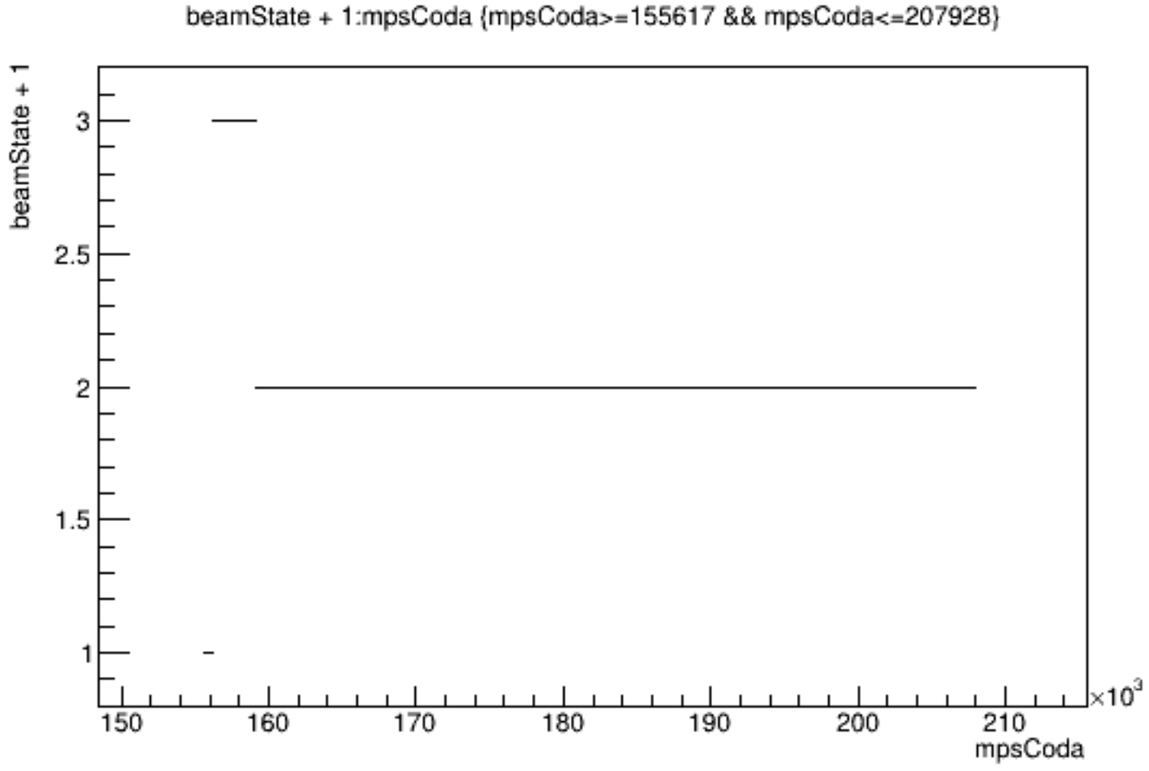
Cycle 2, Asyms

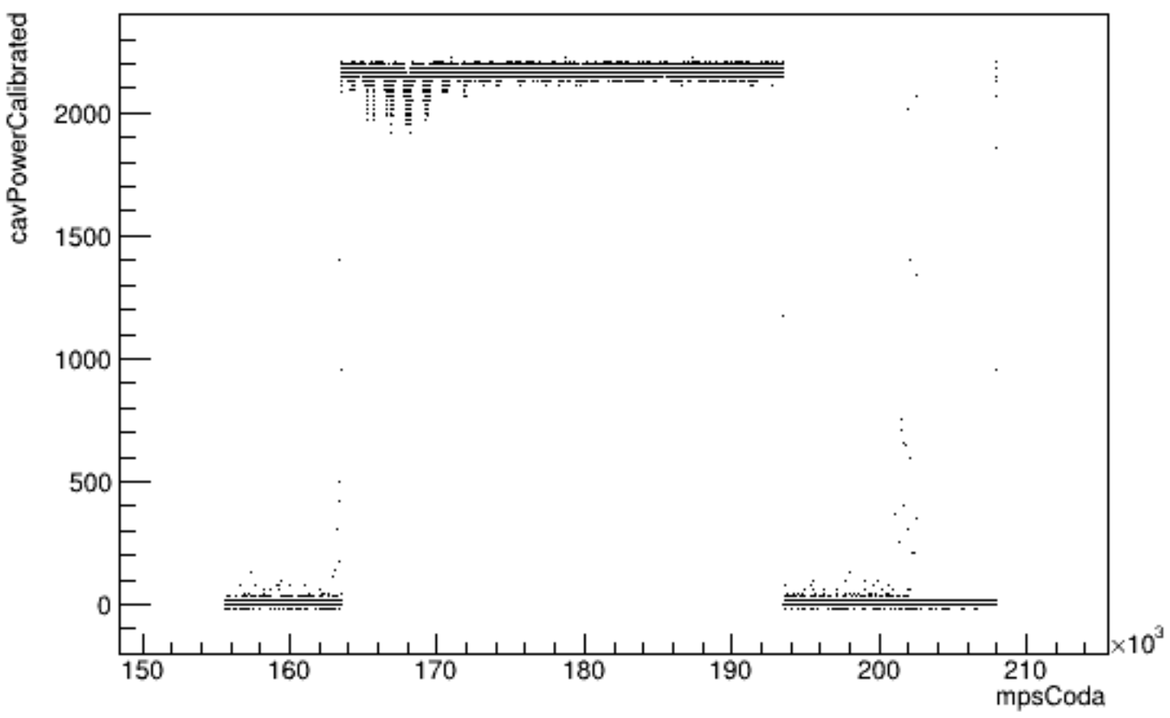
Entries: 505	Entries: 3760	Entries: 1695
Mean: -0.0114 +/- 0.0343	Mean: 0.4814 +/- 0.7995	Mean: -0.0047 +/- 0.0175
Std Dev: 0.7705 +/- 0.0242	Std Dev: 49.0244 +/- 0.5653	Std Dev: 0.7196 +/- 0.0124

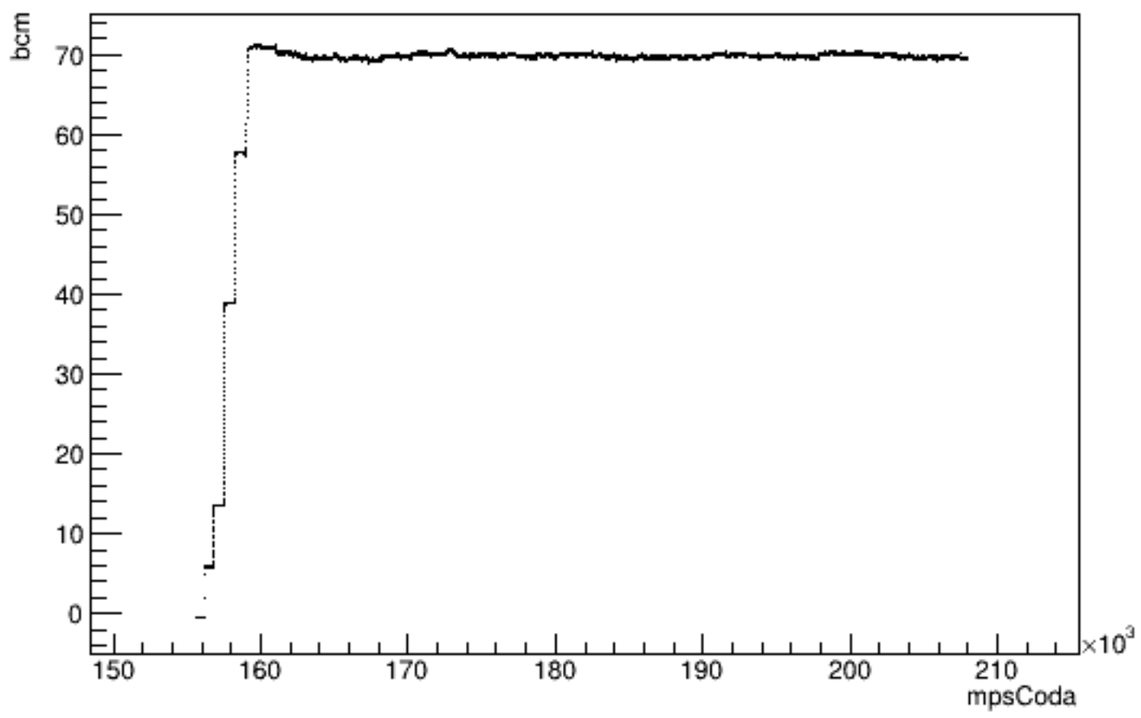





laserState:mpsCoda {mpsCoda>=155617 && mpsCoda<=207928}
laserState
mpsCoda
×10^3

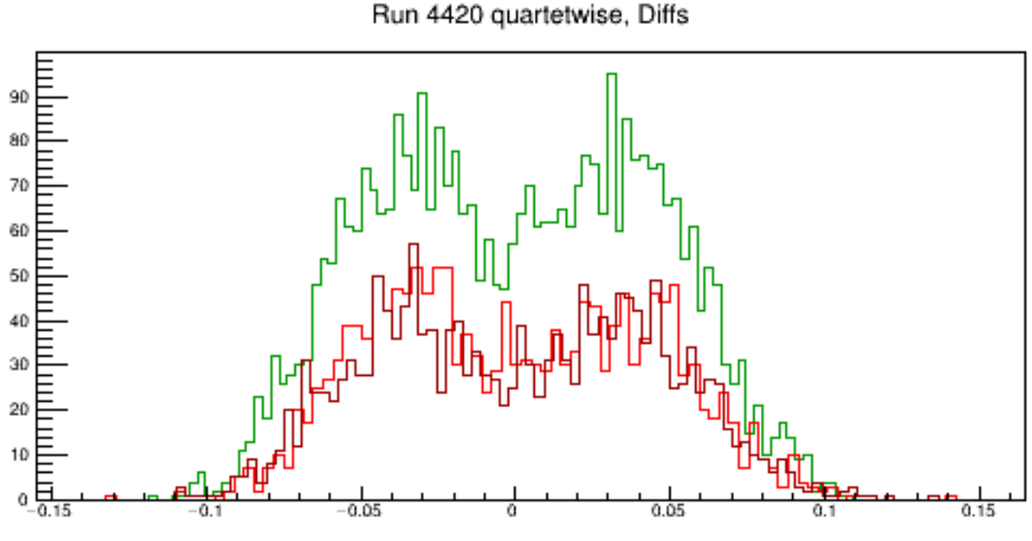

beamState + 1:mpsCoda {mpsCoda>=155617 && mpsCoda<=207928}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=155617 && mpsCoda<=207928}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=155617 && mpsCoda<=207928}
bcm
mpsCoda
×10^3

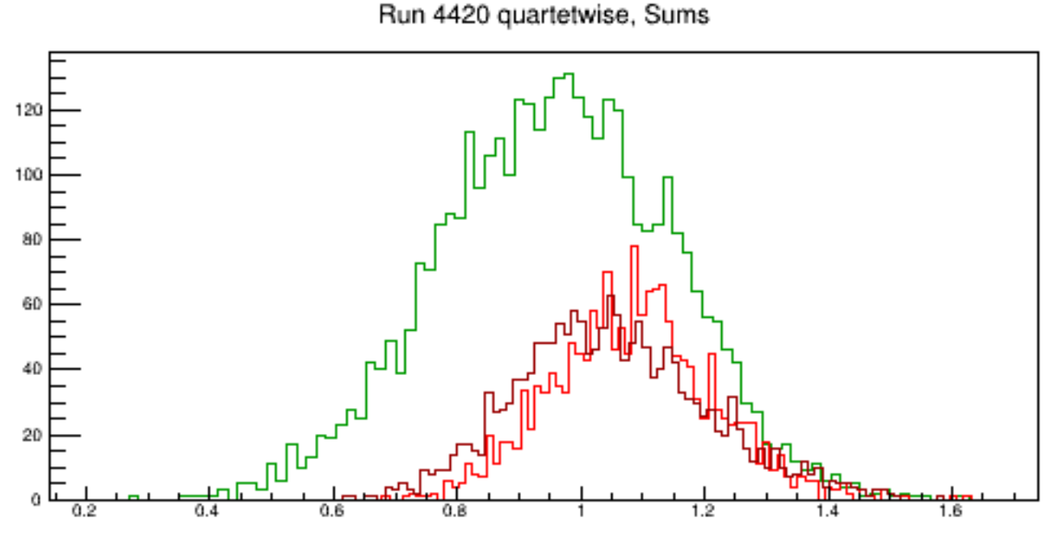
Cycle 3, Diffs

Entries: 1695	Entries: 3732	Entries: 1756
Mean: -0.0003 +/- 0.0011	Mean: -0.0003 +/- 0.0007	Mean: 0.0005 +/- 0.0011
Std Dev: 0.0439 +/- 0.0008	Std Dev: 0.0445 +/- 0.0005	Std Dev: 0.0450 +/- 0.0008



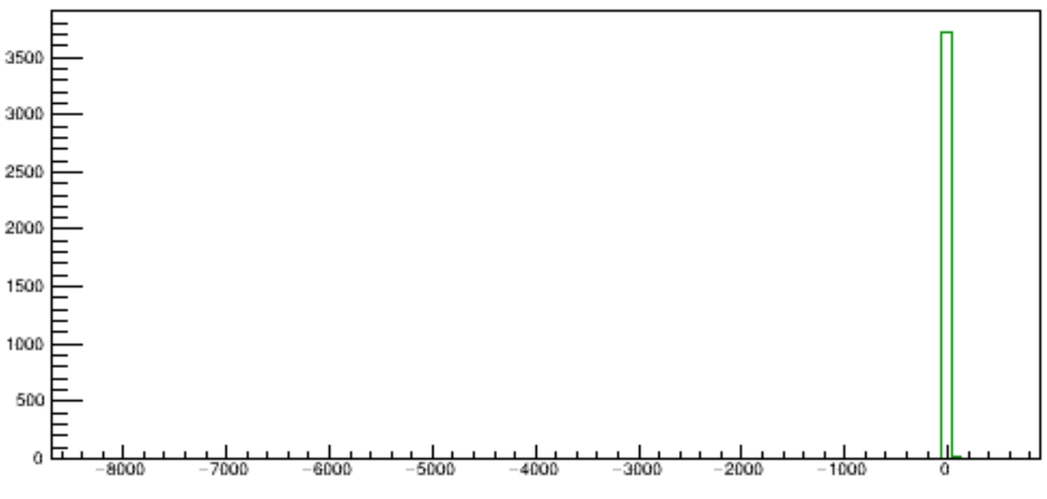
Cycle 3, Sums

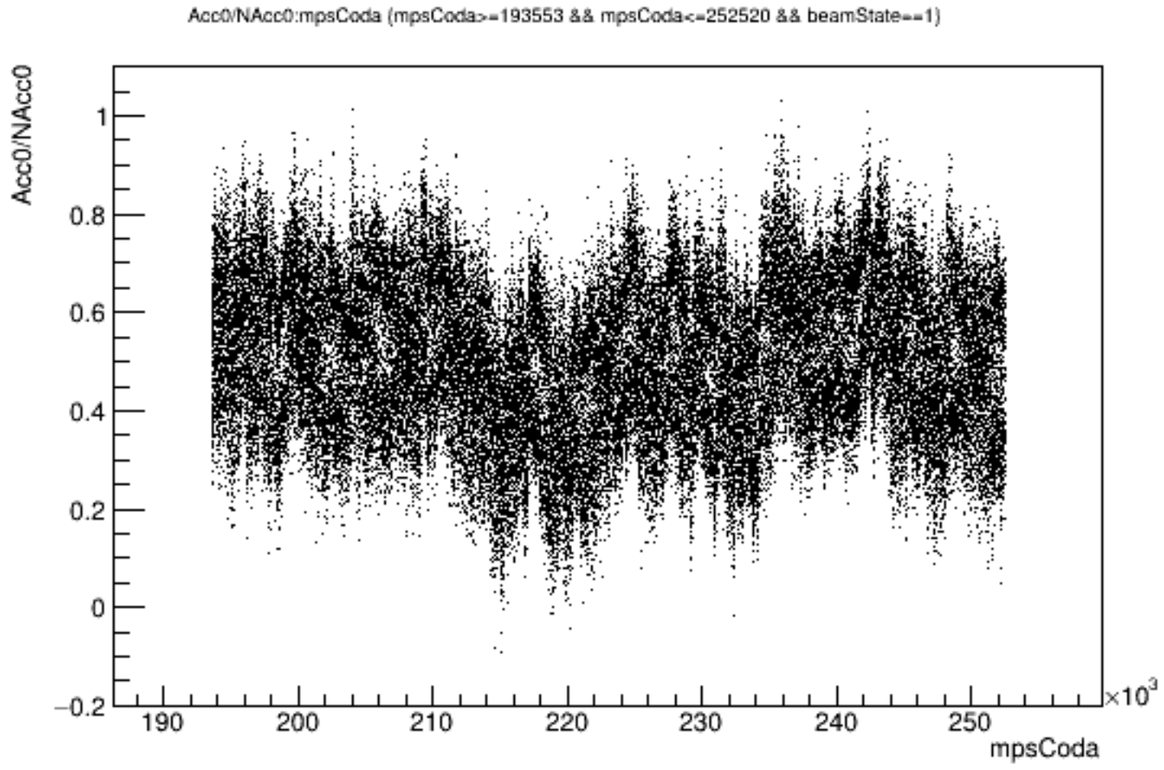
Entries: 1695	Entries: 3732	Entries: 1756
Mean: 1.0841 +/- 0.0032	Mean: 0.9581 +/- 0.0031	Mean: 1.0516 +/- 0.0037
Std Dev: 0.1317 +/- 0.0023	Std Dev: 0.1871 +/- 0.0022	Std Dev: 0.1540 +/- 0.0026

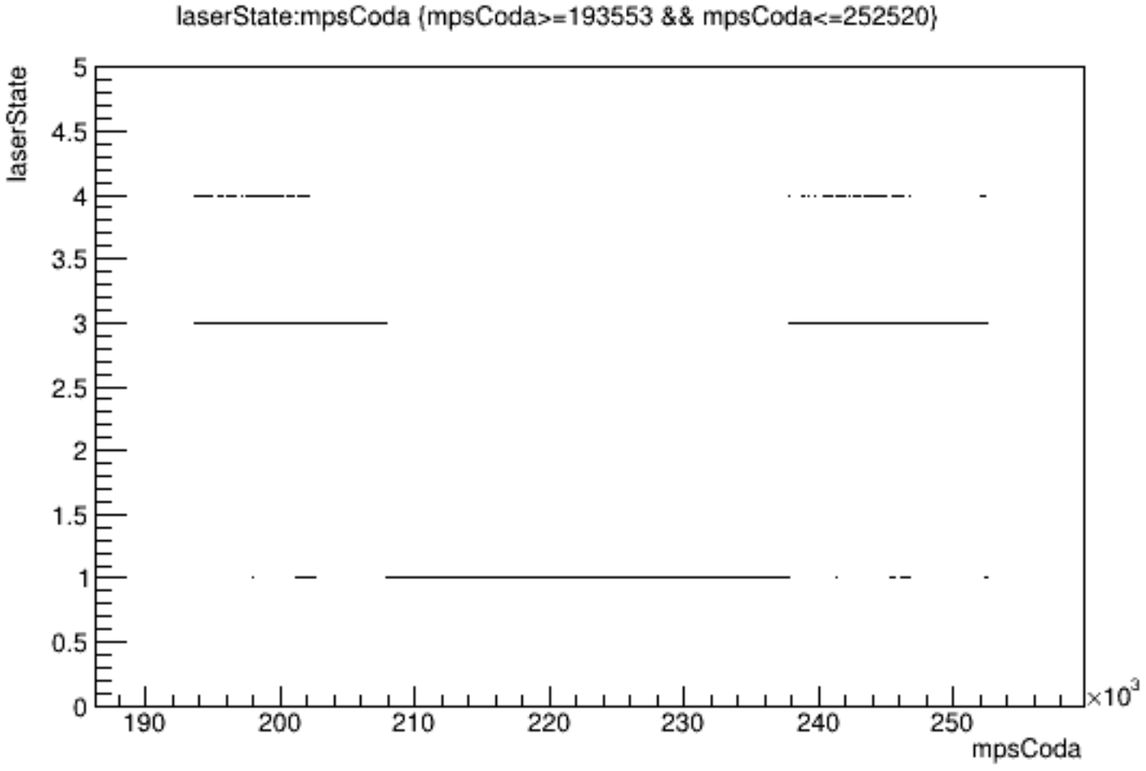


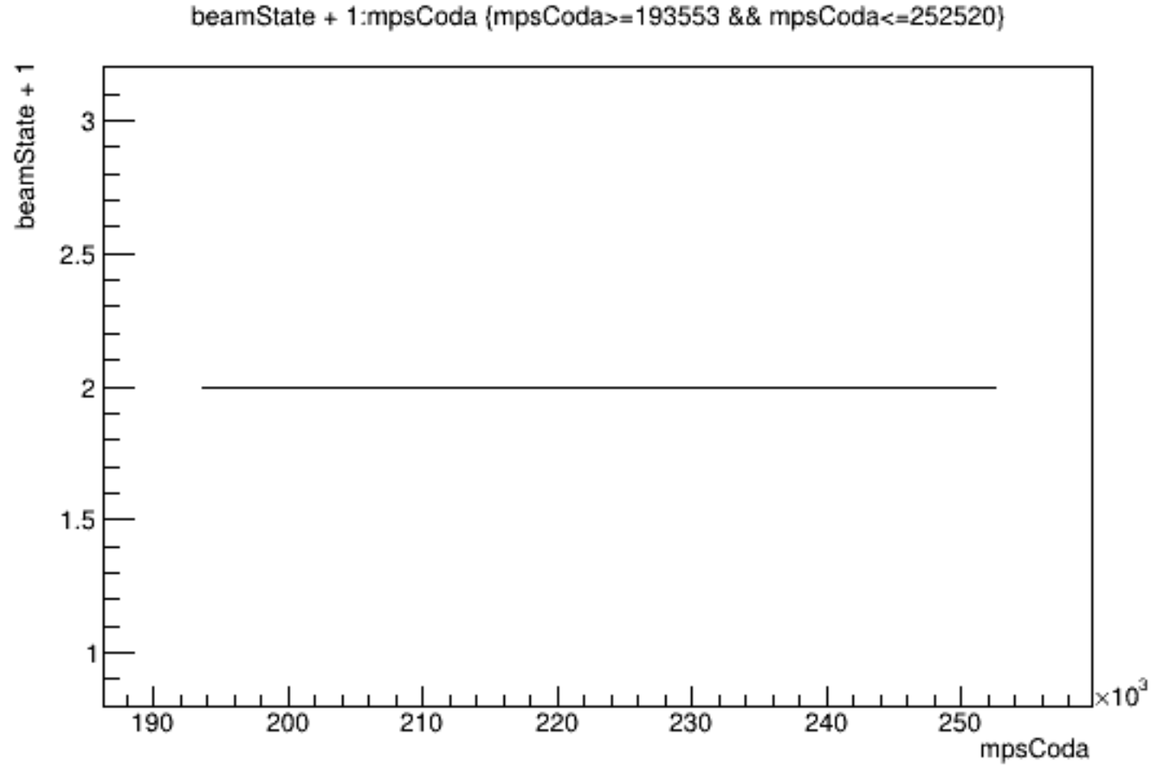
Cycle 3, Asyms

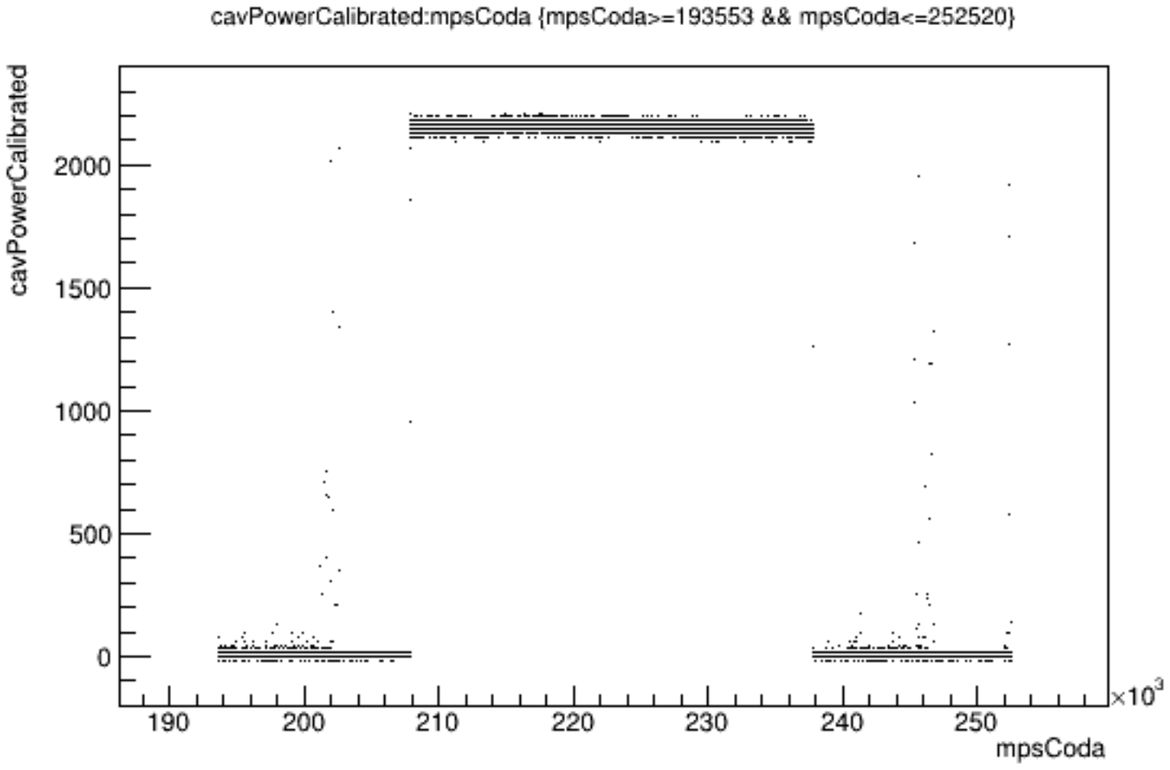
Entries: 1695	Entries: 3732	Entries: 1756
Mean: 0.0026 +/- 0.0097	Mean: -2.3802 +/- 2.1438	Mean: -0.0050 +/- 0.0098
Std Dev: 0.4002 +/- 0.0069	Std Dev: 130.9649 +/- 1.5159	Std Dev: 0.4098 +/- 0.0069

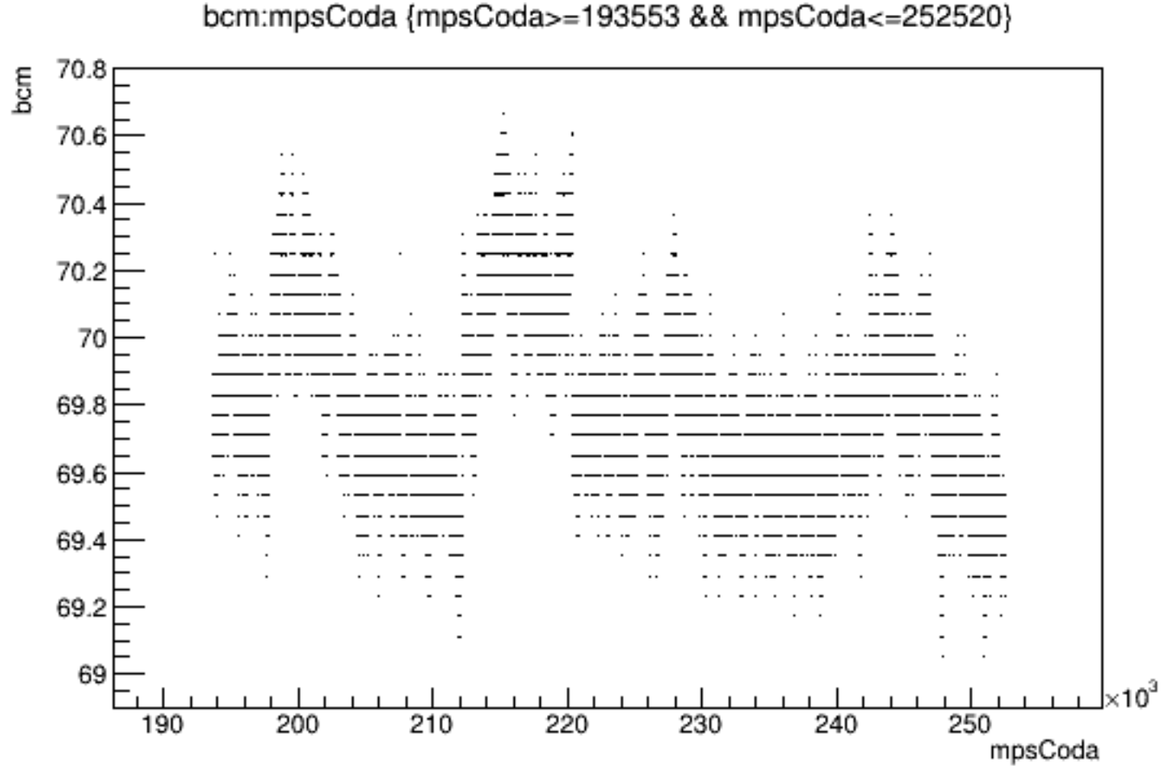





laserState:mpsCoda {mpsCoda>=193553 && mpsCoda<=252520}
laserState
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
190
200
210
220
230
240
250
×10^3
mpsCoda

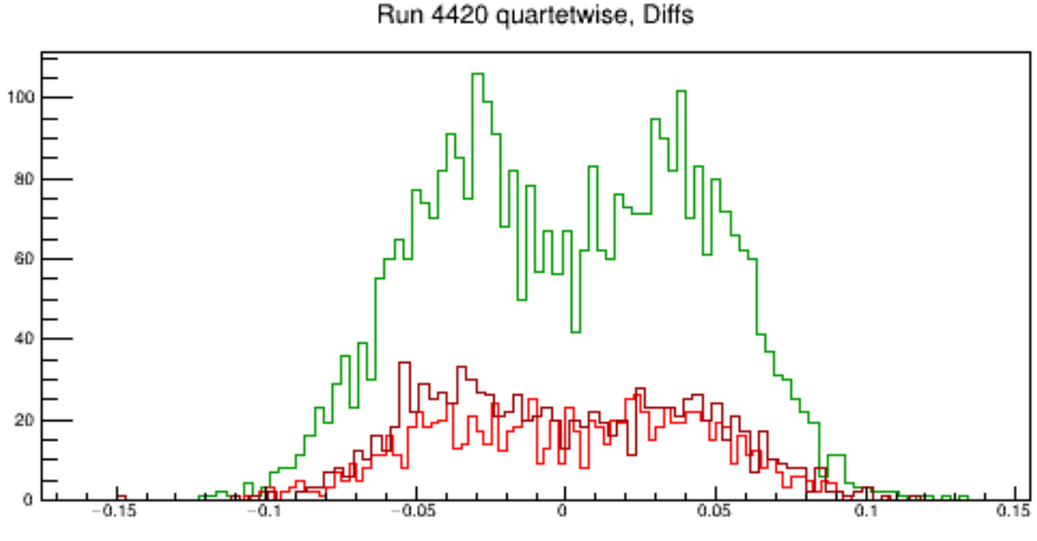

beamState + 1:mpsCoda {mpsCoda>=193553 && mpsCoda<=252520}
beamState + 1
3
2.5
2
1.5
1
190
200
210
220
230
240
250
×10^3
mpsCoda


cavPowerCalibrated:mpsCoda {mpsCoda>=193553 && mpsCoda<=252520}
cavPowerCalibrated
2000
1500
1000
500
0
190
200
210
220
230
240
250
×10^3
mpsCoda


bcm:mpsCoda {mpsCoda>=193553 && mpsCoda<=252520}
bcm
70.8
70.6
70.4
70.2
70
69.8
69.6
69.4
69.2
69
190
200
210
220
230
240
250
×10^3
mpsCoda

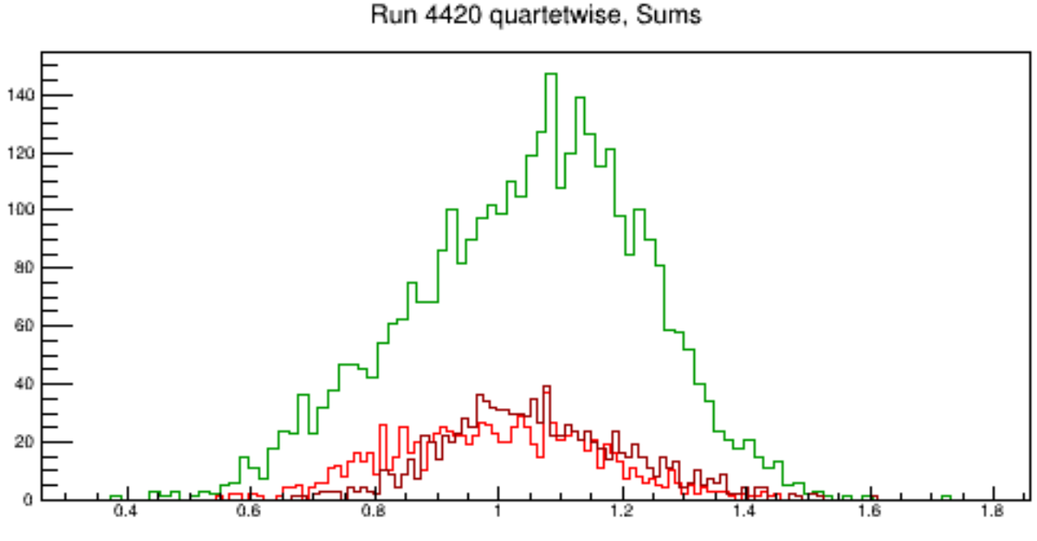
Cycle 4, Diffs

Entries: 1010	Entries: 3654	Entries: 1018
Mean: 0.0010 +/- 0.0014	Mean: -0.0001 +/- 0.0007	Mean: -0.0015 +/- 0.0014
Std Dev: 0.0431 +/- 0.0010	Std Dev: 0.0447 +/- 0.0005	Std Dev: 0.0441 +/- 0.0010



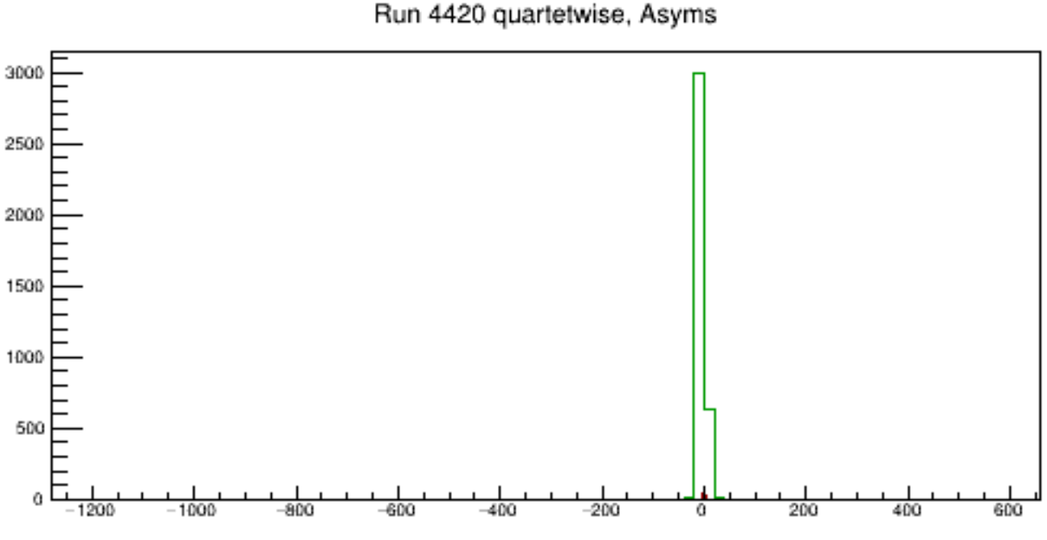
Cycle 4, Sums

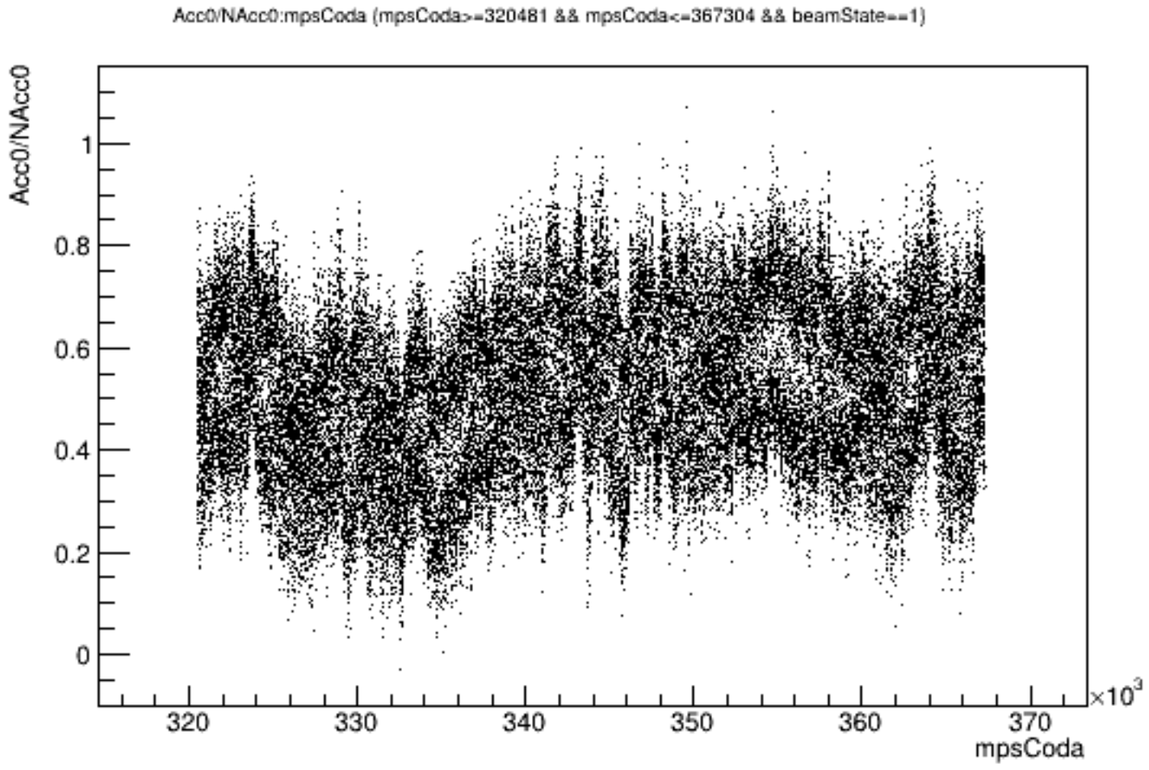
Entries: 1010	Entries: 3654	Entries: 1018
Mean: 0.9957 +/- 0.0051	Mean: 1.0437 +/- 0.0031	Mean: 1.0626 +/- 0.0046
Std Dev: 0.1629 +/- 0.0036	Std Dev: 0.1892 +/- 0.0022	Std Dev: 0.1476 +/- 0.0033

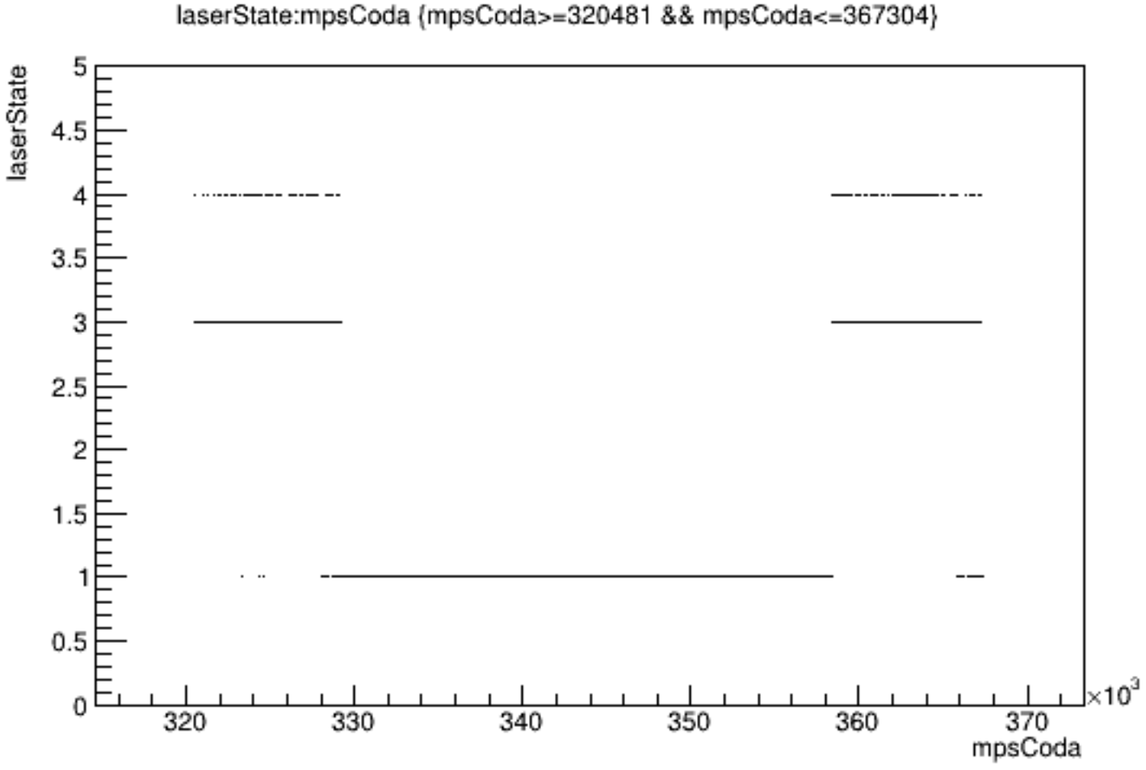


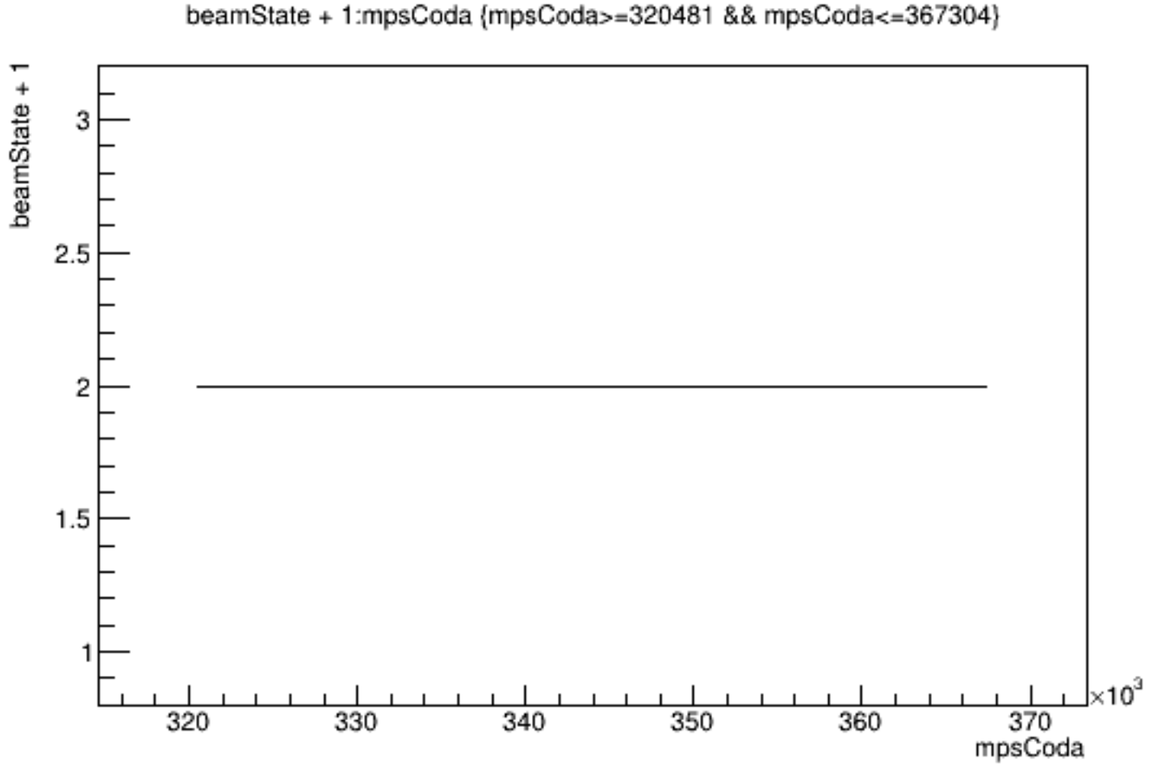
Cycle 4, Asyms

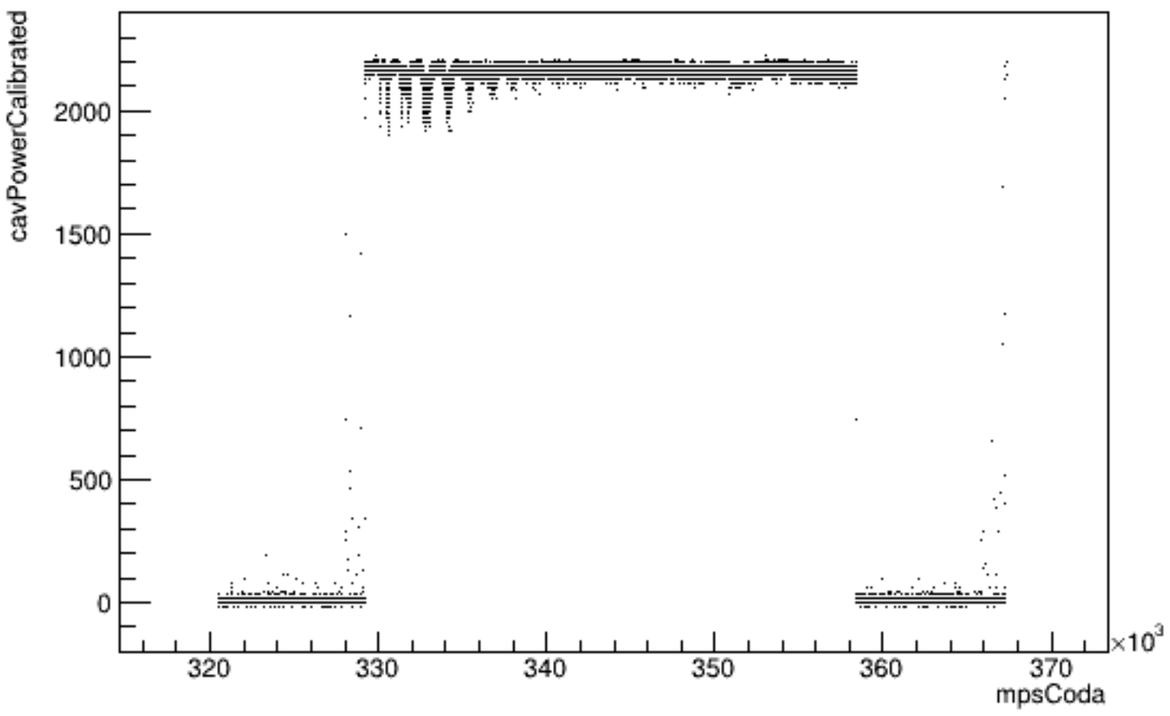
Entries: 1010	Entries: 3654	Entries: 1018
Mean: 0.0711 +/- 0.0929	Mean: -0.1287 +/- 0.3494	Mean: -0.0995 +/- 0.0948
Std Dev: 2.9512 +/- 0.0657	Std Dev: 21.1197 +/- 0.2471	Std Dev: 3.0233 +/- 0.0670

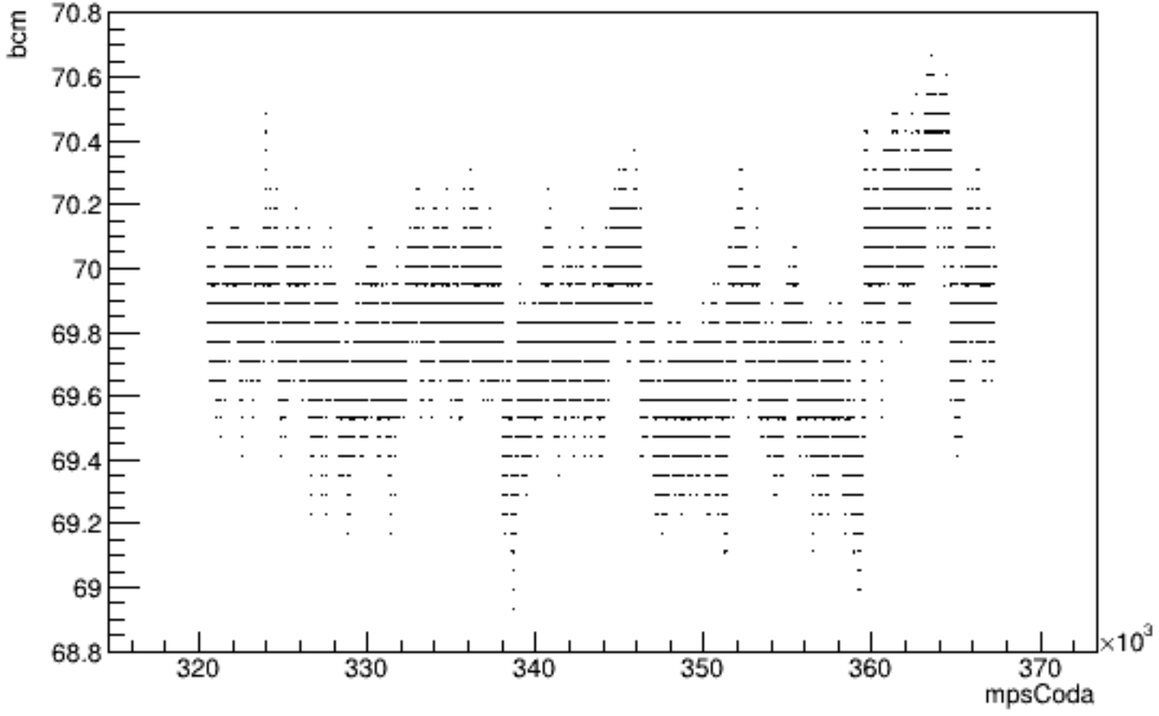





laserState:mpsCoda {mpsCoda>=320481 && mpsCoda<=367304}
laserState
mpsCoda
×10^3

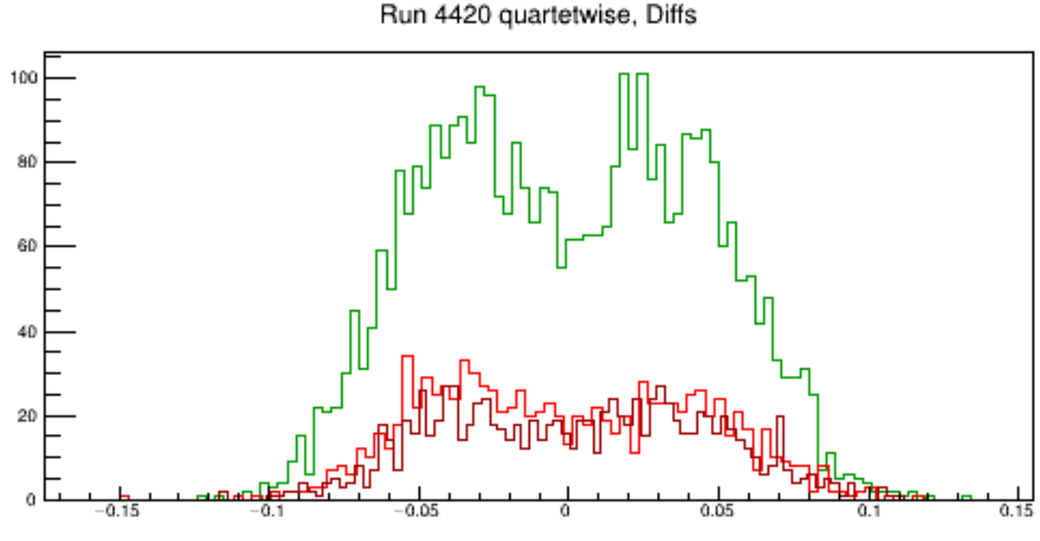

beamState + 1:mpsCoda {mpsCoda>=320481 && mpsCoda<=367304}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=320481 && mpsCoda<=367304}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=320481 && mpsCoda<=367304}
bcm
mpsCoda
×10^3

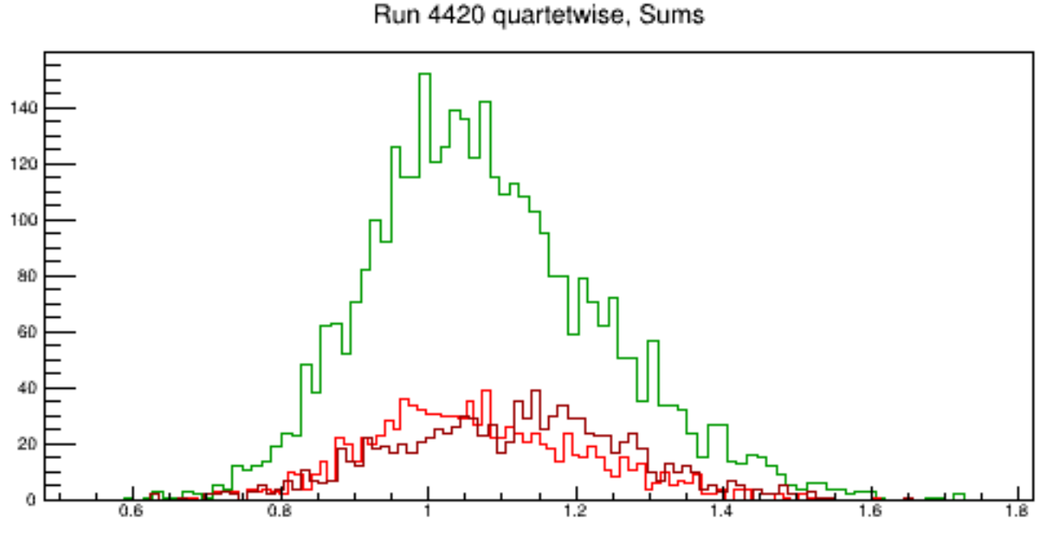
Cycle 5, Diffs

Entries: 1018	Entries: 3693	Entries: 997
Mean: -0.0015 +/- 0.0014	Mean: -0.0010 +/- 0.0007	Mean: 0.0020 +/- 0.0014
Std Dev: 0.0441 +/- 0.0010	Std Dev: 0.0442 +/- 0.0005	Std Dev: 0.0437 +/- 0.0010



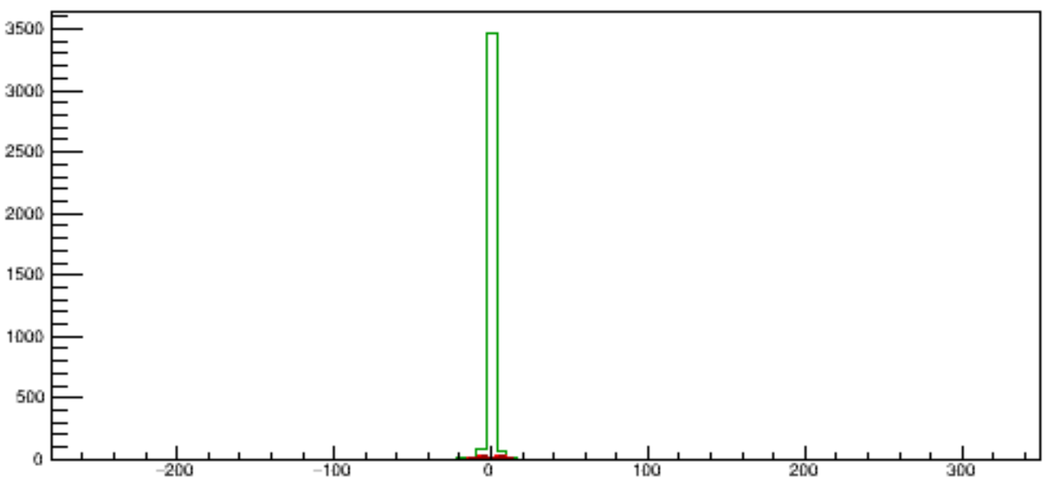
Cycle 5, Sums

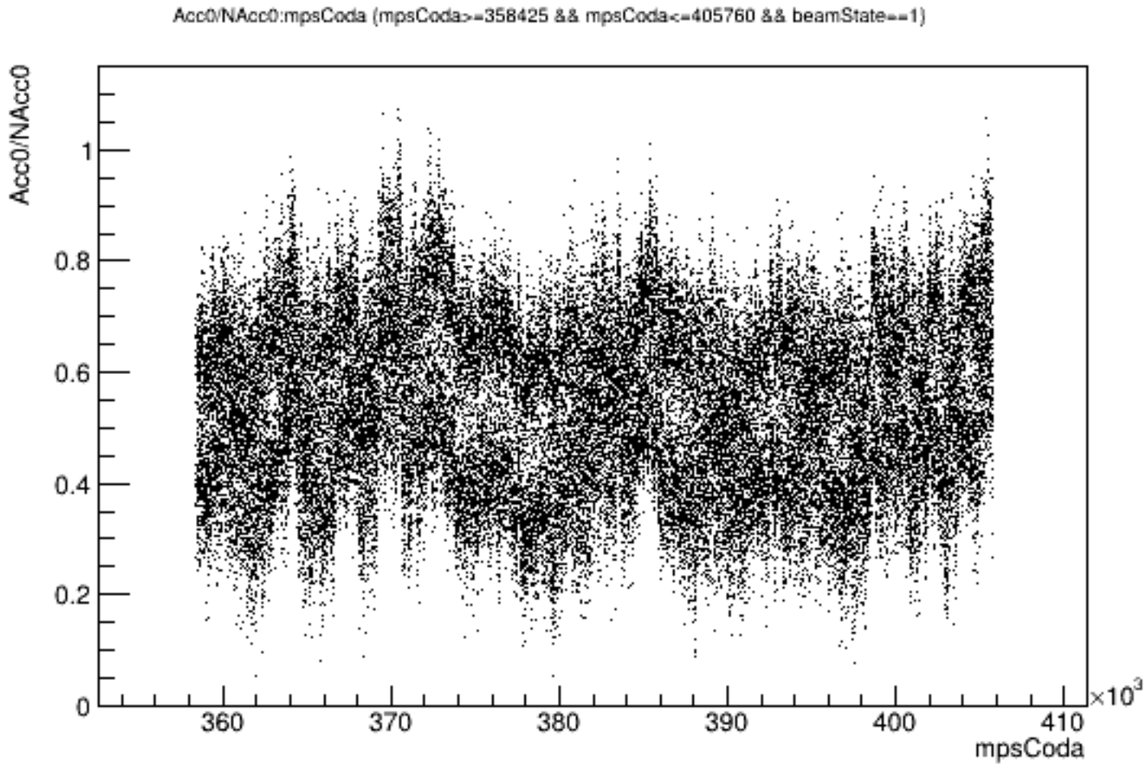
Entries: 1018	Entries: 3693	Entries: 997
Mean: 1.0626 +/- 0.0046	Mean: 1.0796 +/- 0.0026	Mean: 1.1086 +/- 0.0050
Std Dev: 0.1476 +/- 0.0033	Std Dev: 0.1597 +/- 0.0019	Std Dev: 0.1592 +/- 0.0036

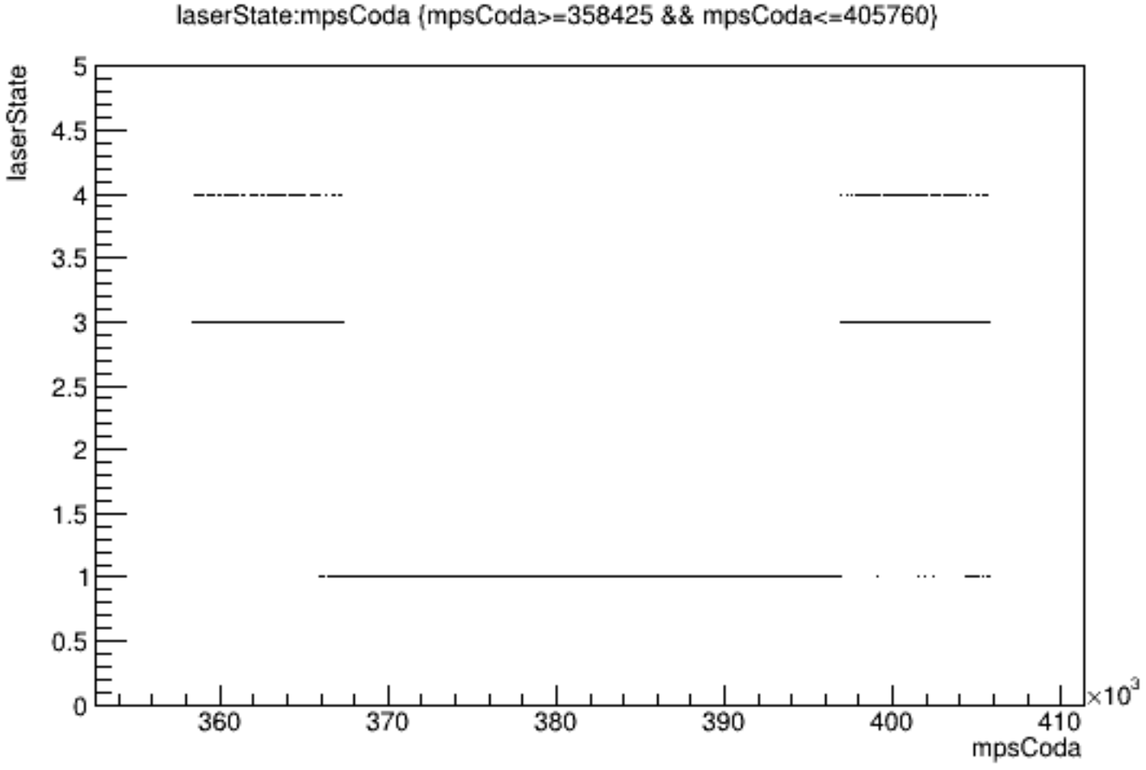


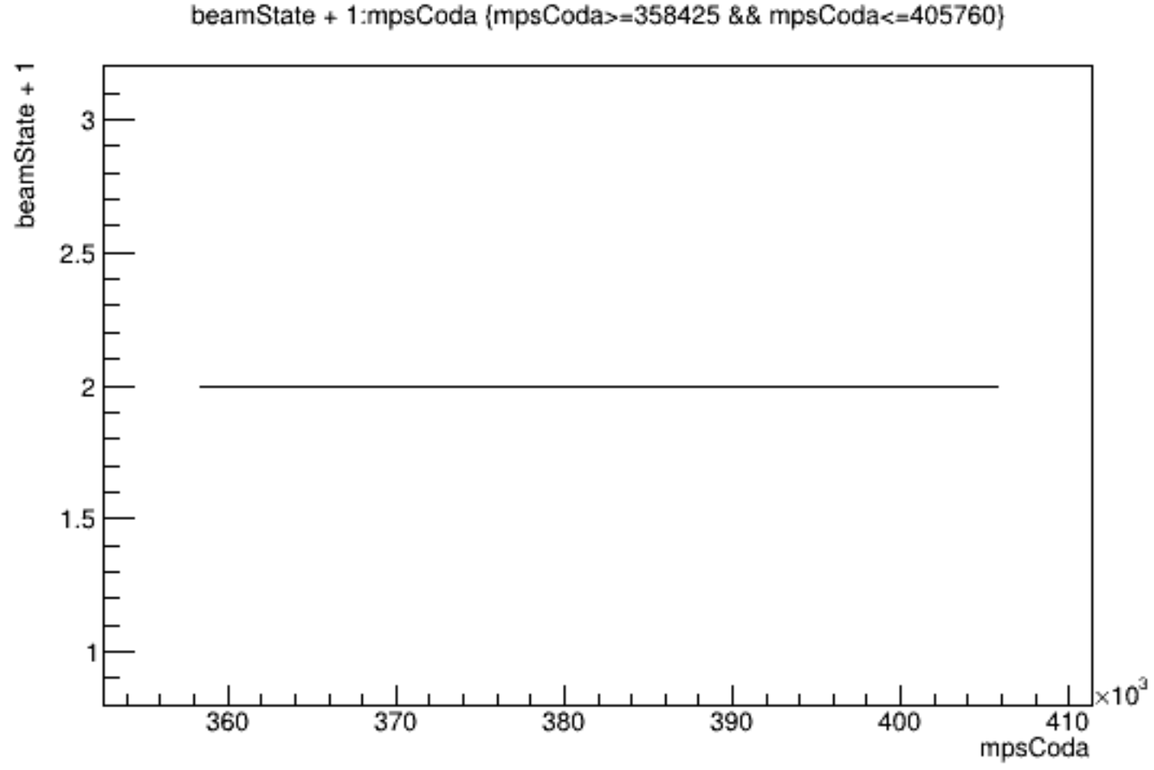
Cycle 5, Asyms

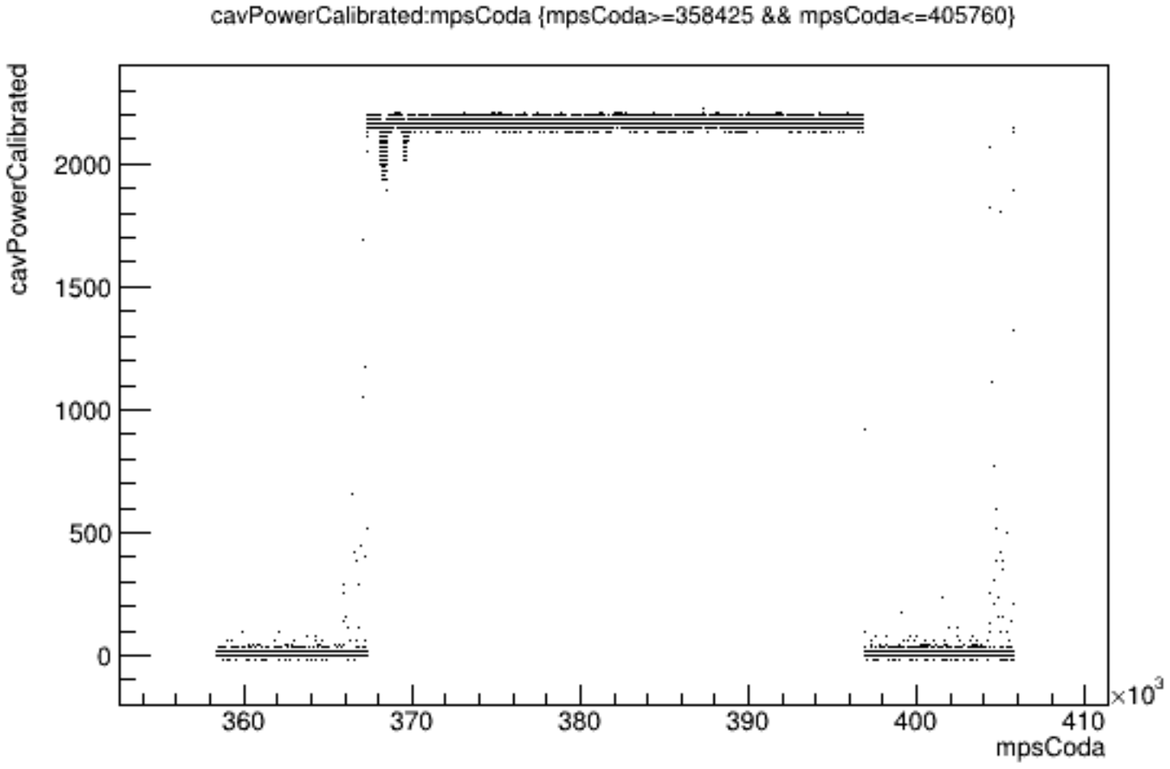
Entries: 1018	Entries: 3693	Entries: 997
Mean: 0.2443 +/- 0.2326	Mean: -0.0443 +/- 0.1523	Mean: -0.3444 +/- 0.2327
Std Dev: 7.4213 +/- 0.1645	Std Dev: 9.2567 +/- 0.1077	Std Dev: 7.3462 +/- 0.1645

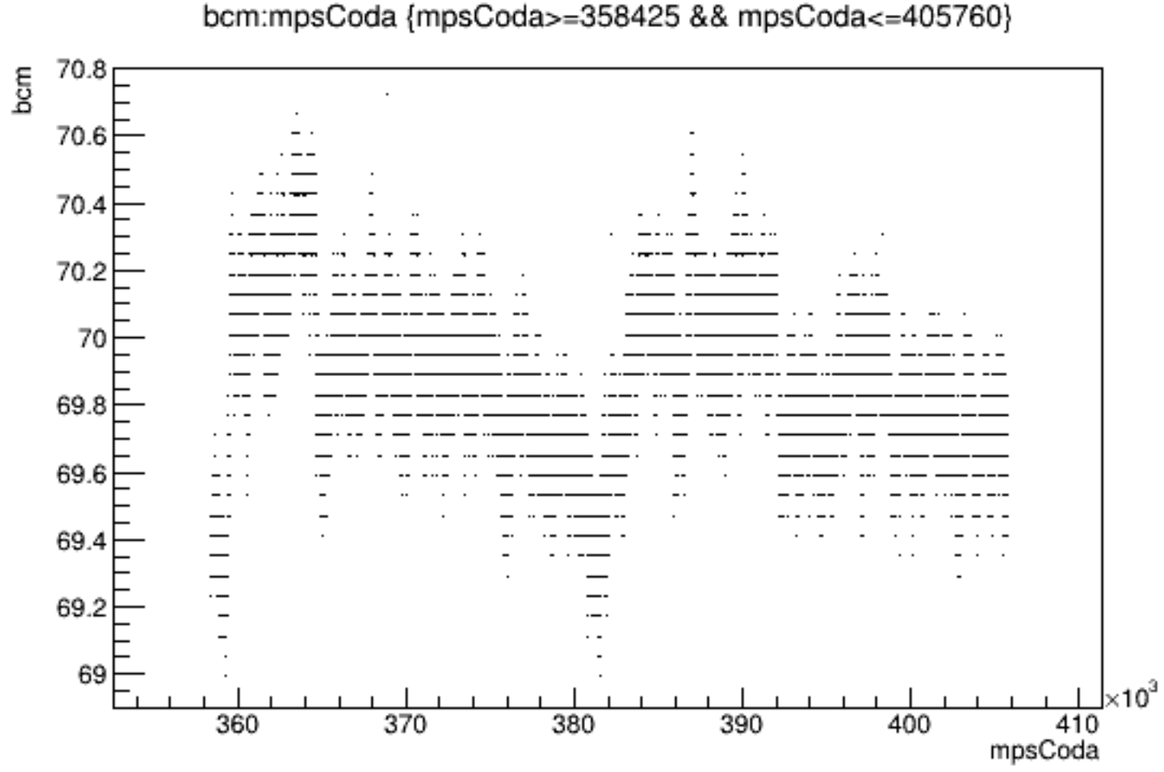





laserState:mpsCoda {mpsCoda>=358425 && mpsCoda<=405760}
laserState
mpsCoda
×10^3

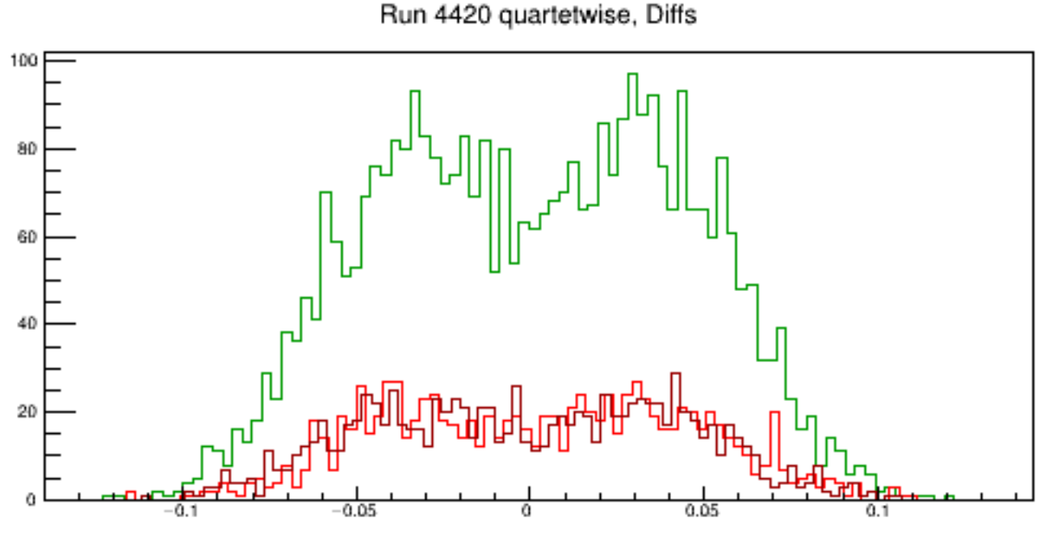

beamState + 1:mpsCoda {mpsCoda>=358425 && mpsCoda<=405760}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=358425 && mpsCoda<=405760}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=358425 && mpsCoda<=405760}
bcm
mpsCoda
×10^3

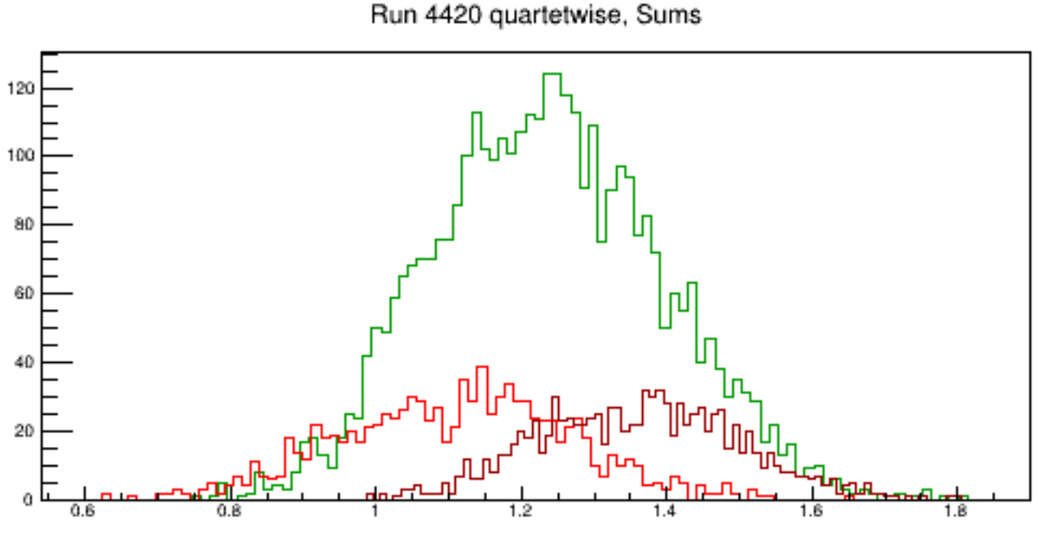
Cycle 6, Diffs

Entries: 997	Entries: 3690	Entries: 1032
Mean: 0.0020 +/- 0.0014	Mean: 0.0007 +/- 0.0007	Mean: -0.0009 +/- 0.0014
Std Dev: 0.0437 +/- 0.0010	Std Dev: 0.0437 +/- 0.0005	Std Dev: 0.0439 +/- 0.0010



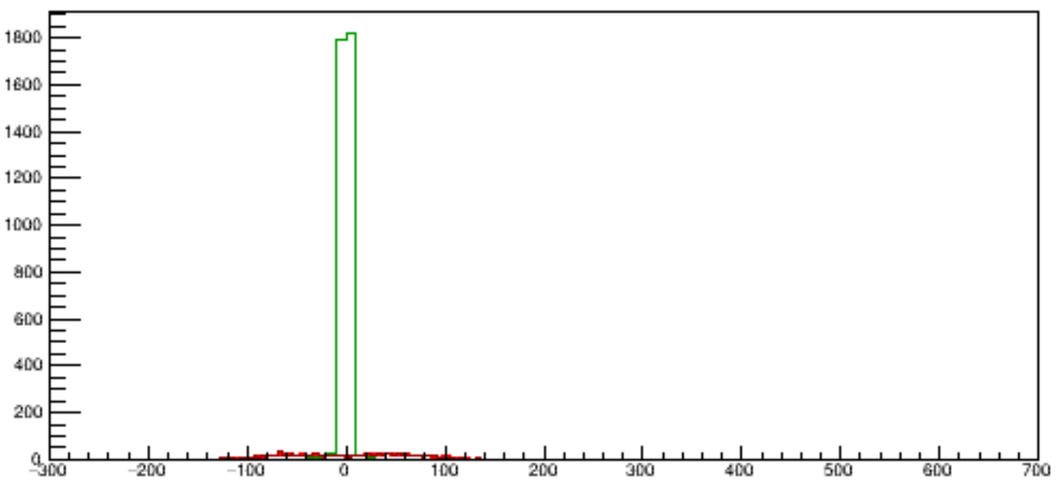
Cycle 6, Sums

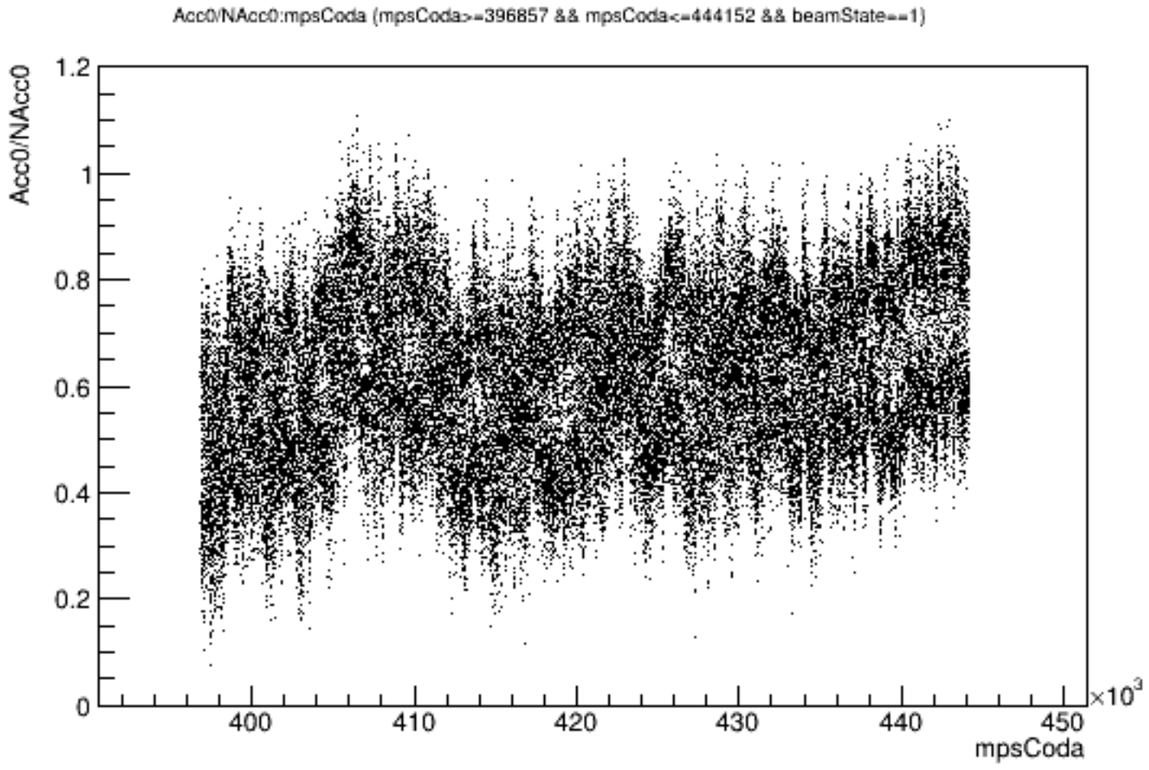
Entries: 997	Entries: 3690	Entries: 1032
Mean: 1.1086 +/- 0.0050	Mean: 1.2354 +/- 0.0026	Mean: 1.3608 +/- 0.0043
Std Dev: 0.1592 +/- 0.0036	Std Dev: 0.1575 +/- 0.0018	Std Dev: 0.1387 +/- 0.0031

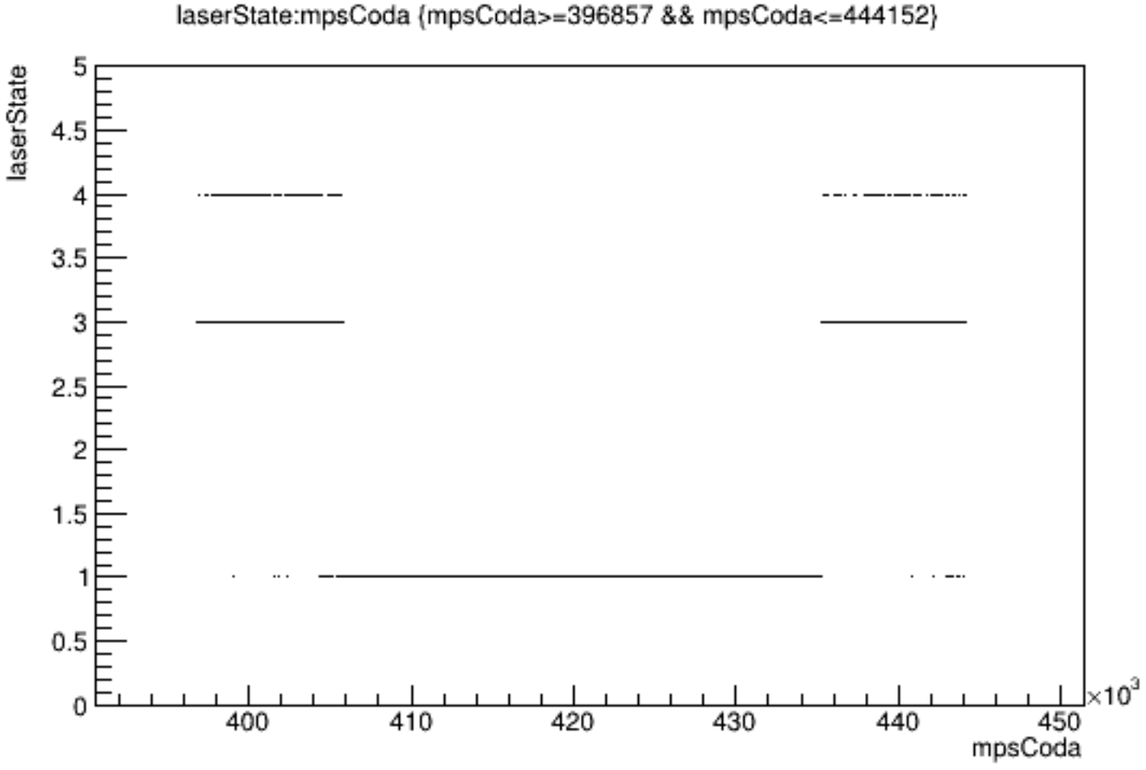


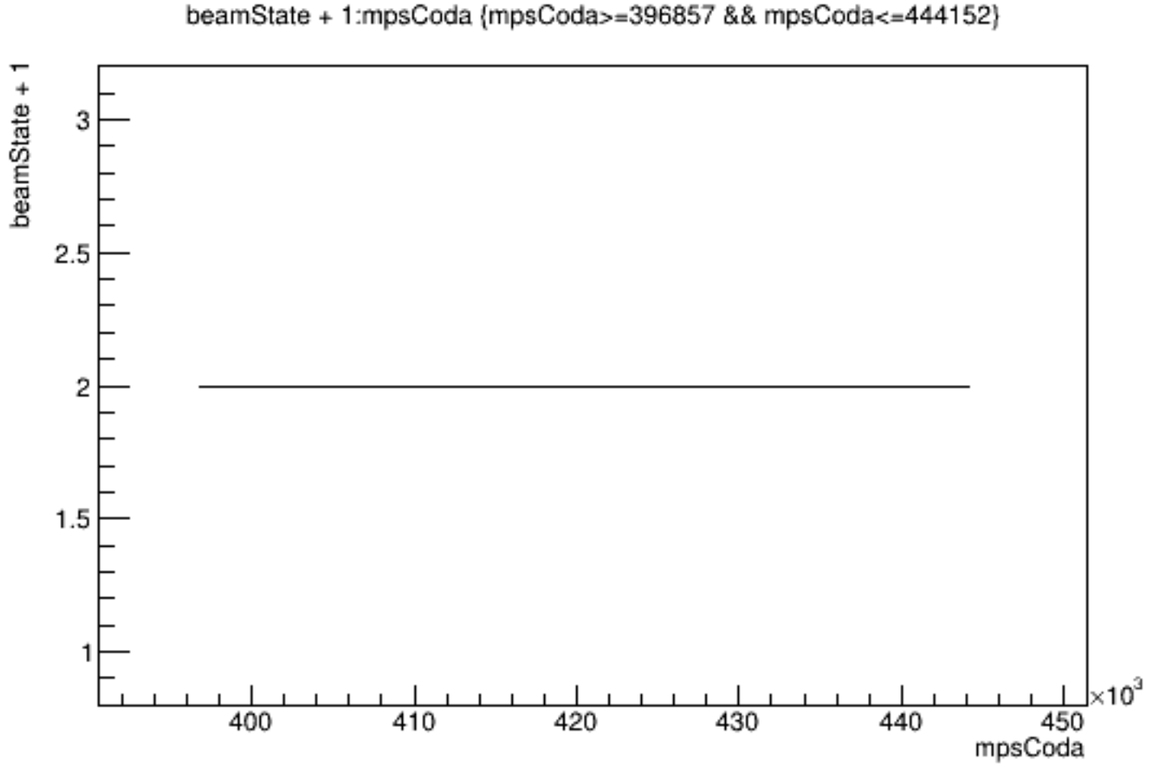
Cycle 6, Asyms

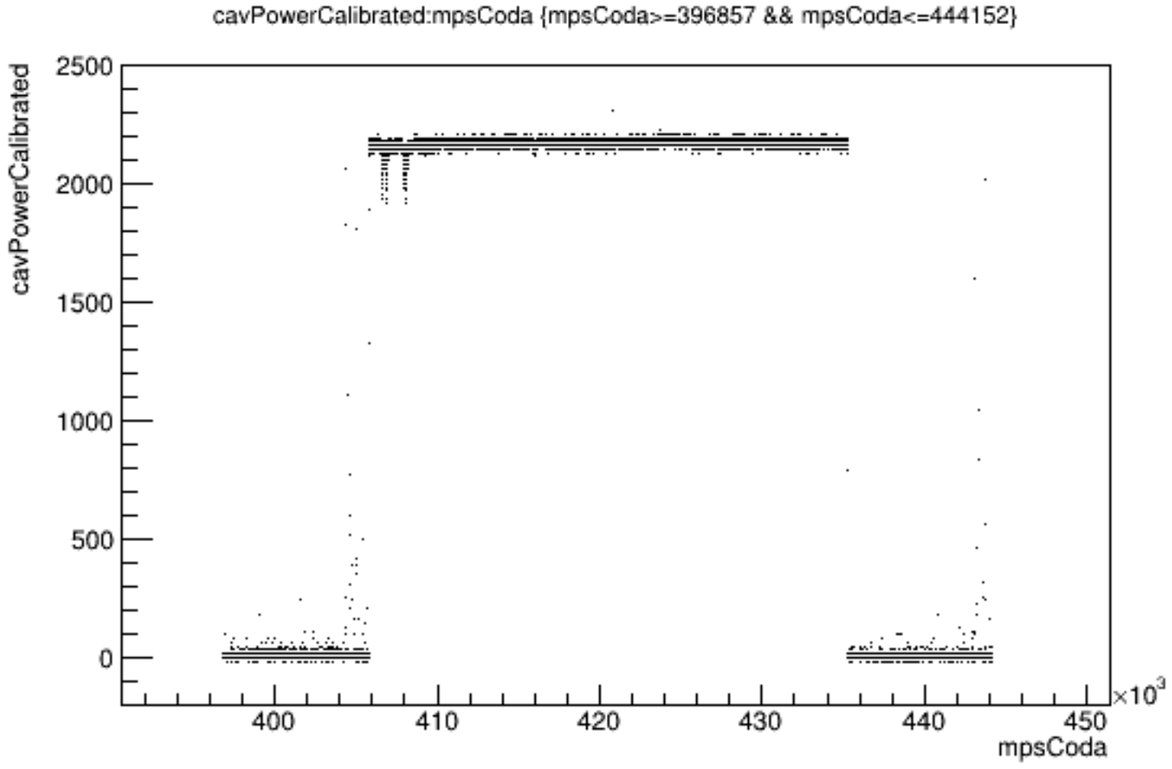
Entries: 997	Entries: 3690	Entries: 1032
Mean: 2.9209 +/- 1.9731	Mean: 0.0091 +/- 0.2032	Mean: -1.3214 +/- 1.9507
Std Dev: 62.3016 +/- 1.3952	Std Dev: 12.3432 +/- 0.1437	Std Dev: 62.6670 +/- 1.3794

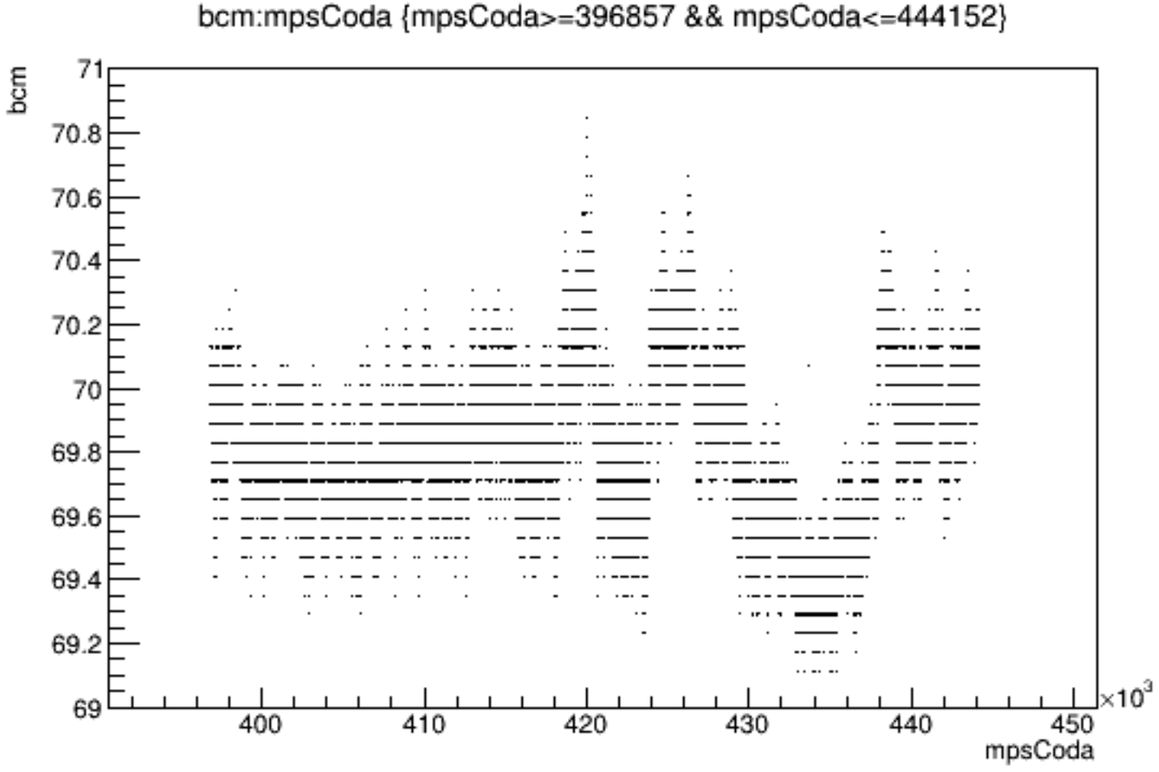





laserState:mpsCoda {mpsCoda>=396857 && mpsCoda<=444152}
laserState
mpsCoda
×10^3

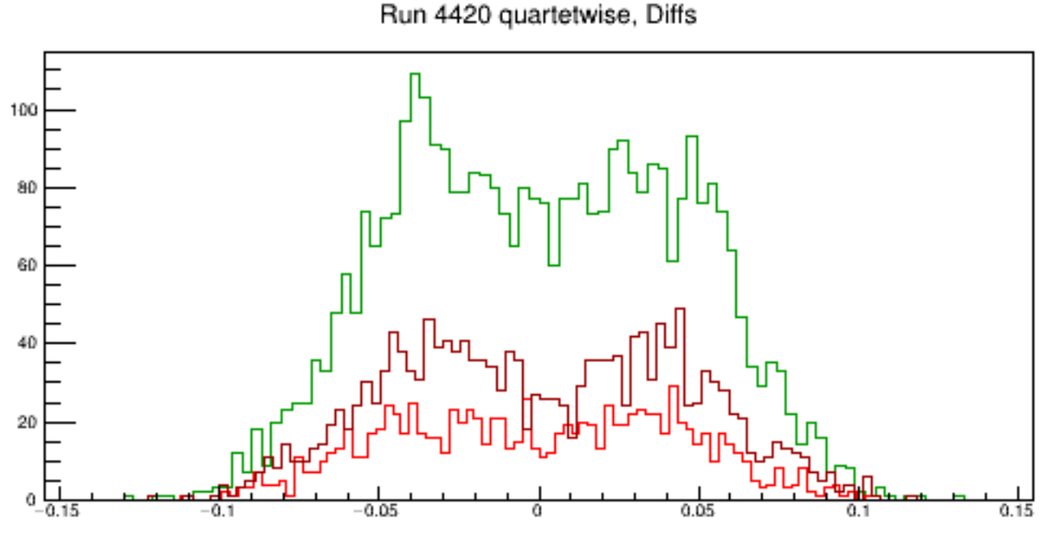

beamState + 1:mpsCoda {mpsCoda>=396857 && mpsCoda<=444152}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=396857 && mpsCoda<=444152}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=396857 && mpsCoda<=444152}
bcm
mpsCoda
×10^3

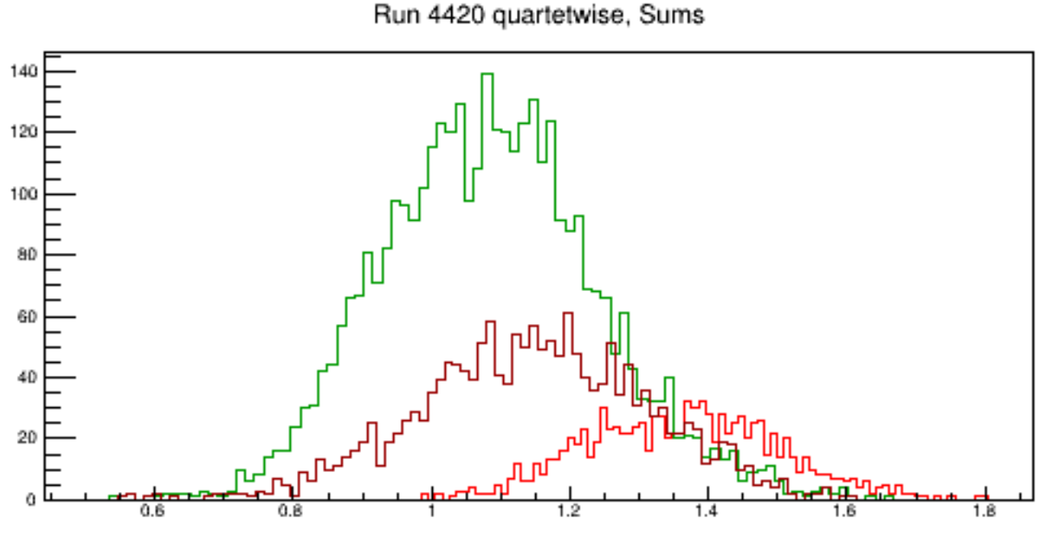
Cycle 7, Diffs

Entries: 1032	Entries: 3694	Entries: 1717
Mean: -0.0009 +/- 0.0014	Mean: 0.0005 +/- 0.0007	Mean: 0.0003 +/- 0.0011
Std Dev: 0.0439 +/- 0.0010	Std Dev: 0.0441 +/- 0.0005	Std Dev: 0.0448 +/- 0.0008



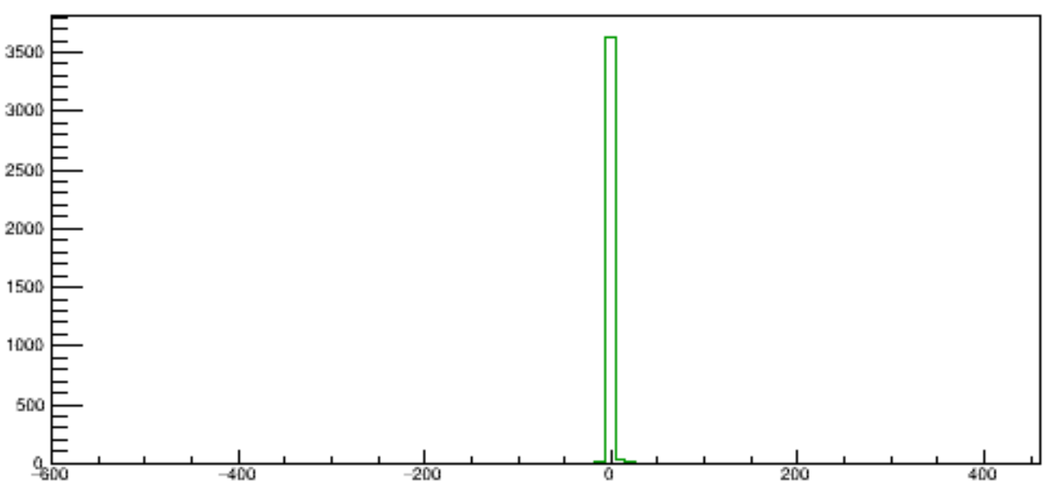
Cycle 7, Sums

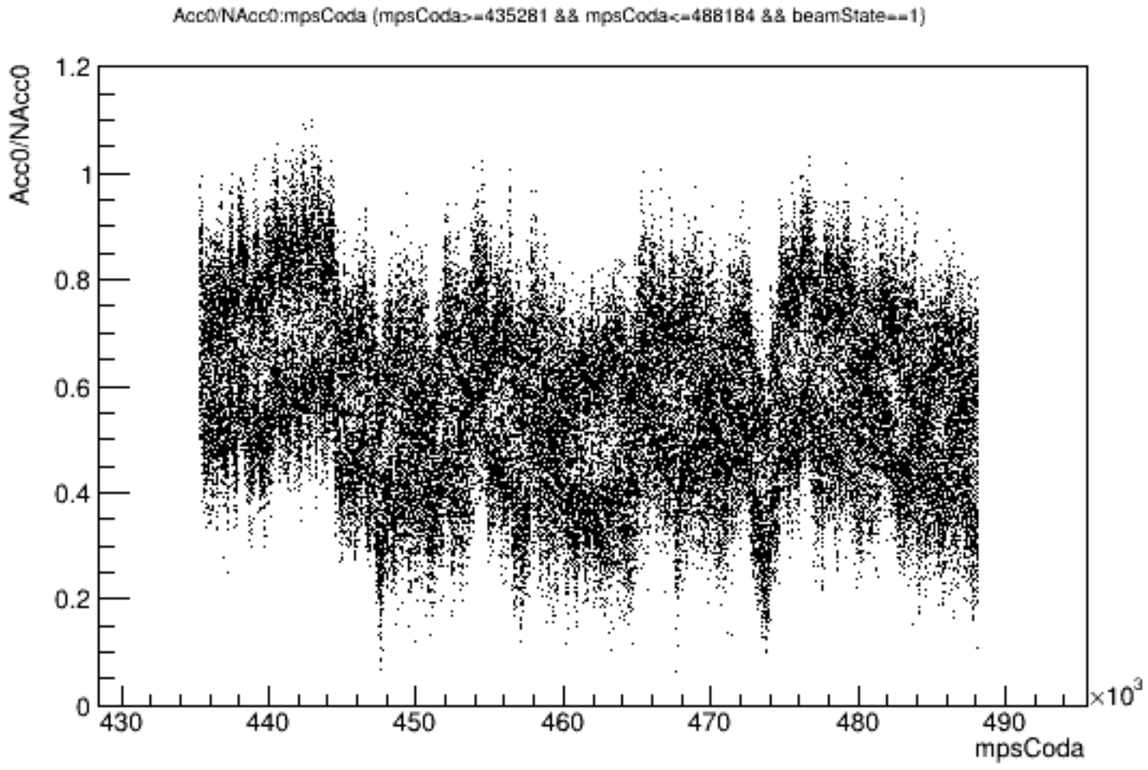
Entries: 1032	Entries: 3694	Entries: 1717
Mean: 1.3608 +/- 0.0043	Mean: 1.0843 +/- 0.0026	Mean: 1.1463 +/- 0.0040
Std Dev: 0.1387 +/- 0.0031	Std Dev: 0.1569 +/- 0.0018	Std Dev: 0.1655 +/- 0.0028

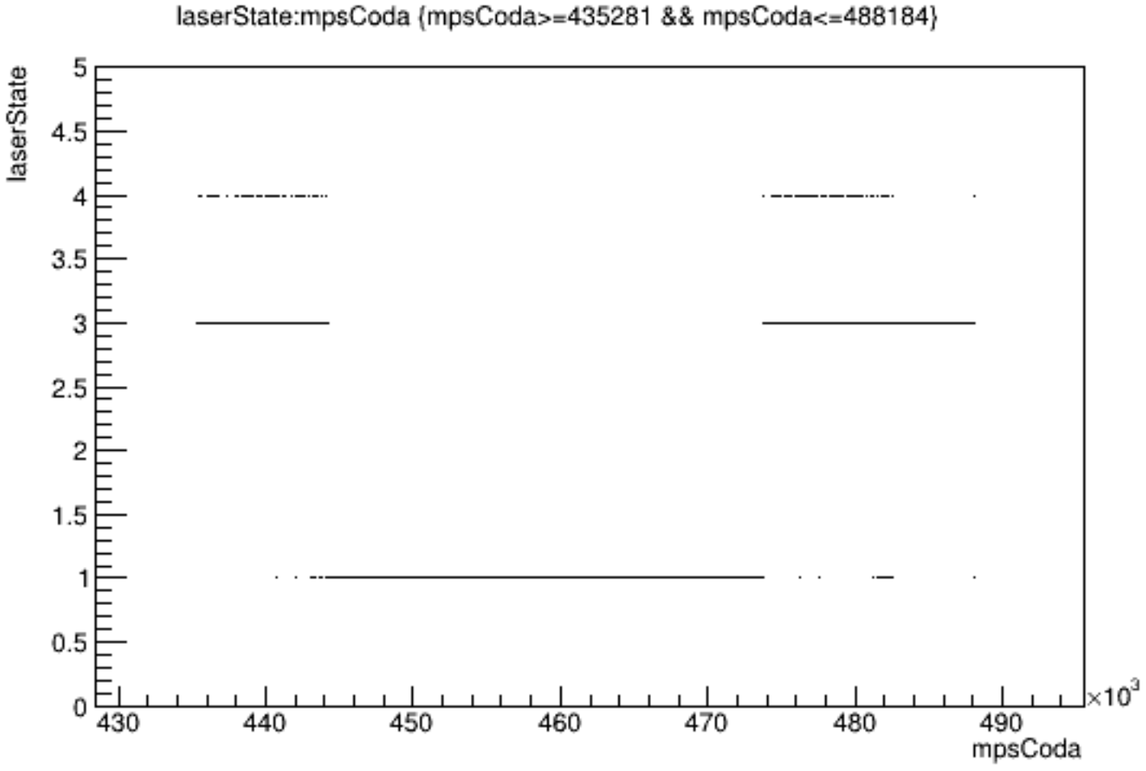


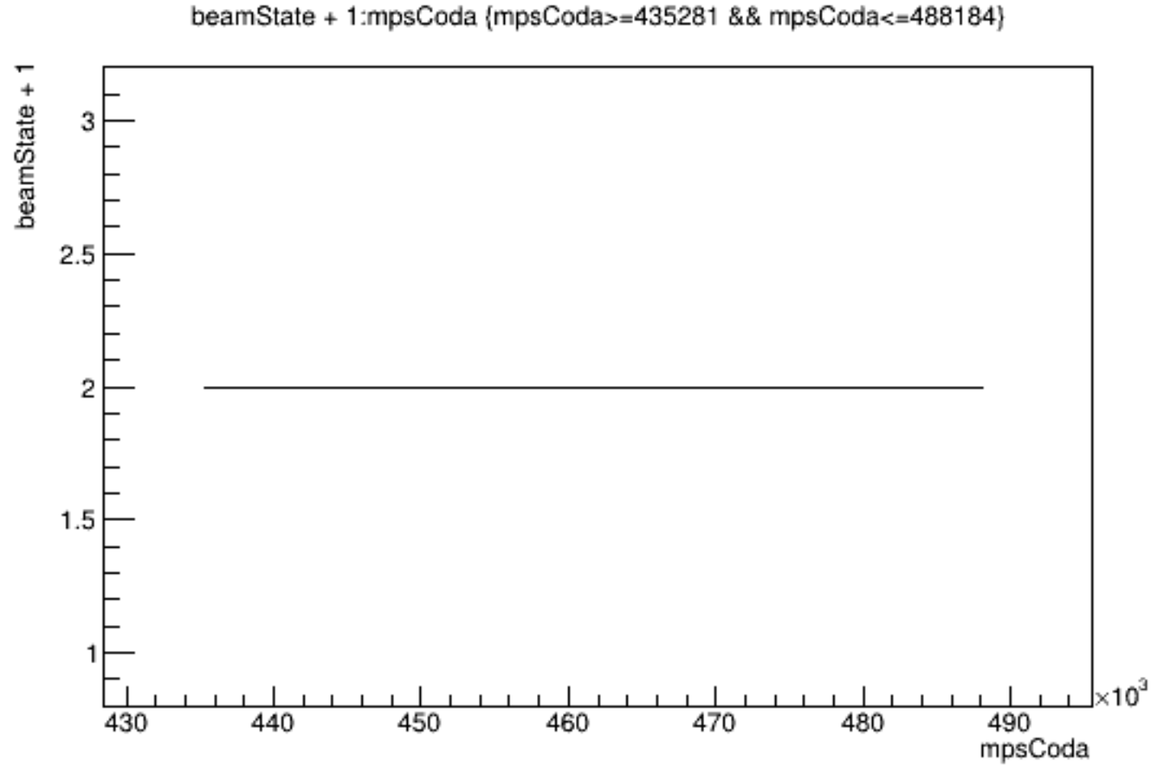
Cycle 7, Asyms

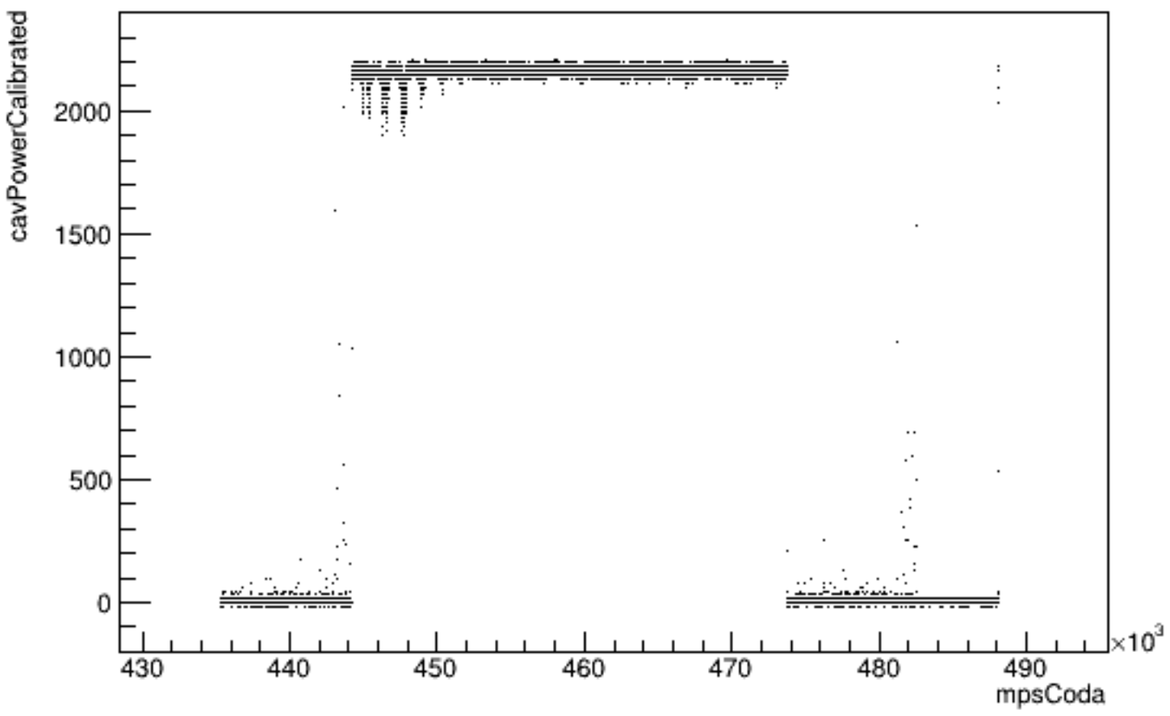
Entries: 1032	Entries: 3694	Entries: 1717
Mean: 0.0055 +/- 0.0081	Mean: -0.0084 +/- 0.2226	Mean: -0.0015 +/- 0.0064
Std Dev: 0.2595 +/- 0.0057	Std Dev: 13.5312 +/- 0.1574	Std Dev: 0.2646 +/- 0.0045

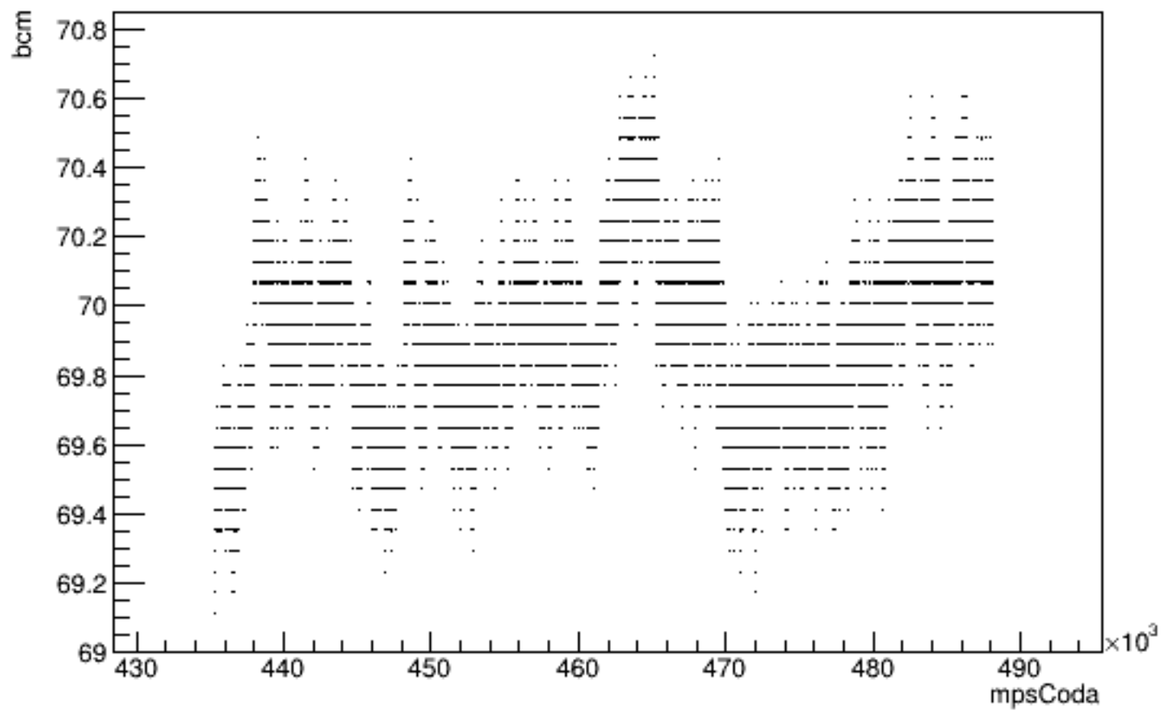





laserState:mpsCoda {mpsCoda>=435281 && mpsCoda<=488184}
laserState
mpsCoda
×10^3

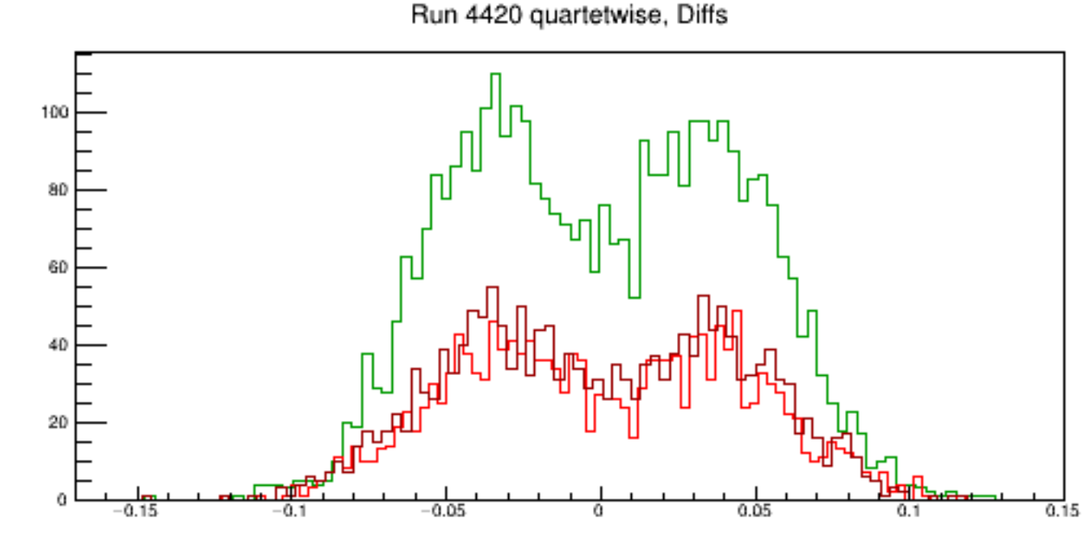

beamState + 1:mpsCoda {mpsCoda>=435281 && mpsCoda<=488184}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=435281 && mpsCoda<=488184}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=435281 && mpsCoda<=488184}
bcm
mpsCoda
×10^3

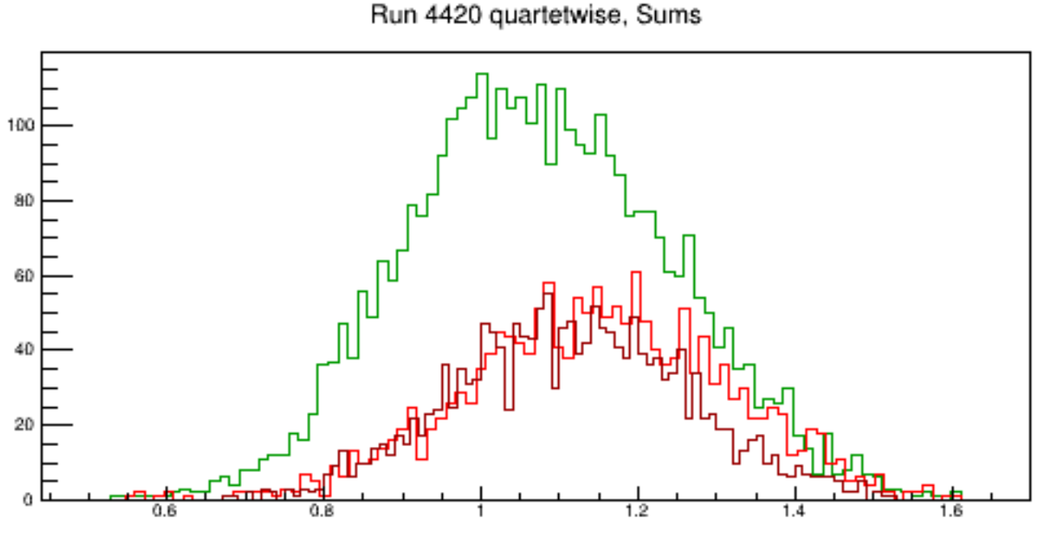
Cycle 8, Diffs

Entries: 1717	Entries: 3722	Entries: 1768
Mean: 0.0003 +/- 0.0011	Mean: 0.0001 +/- 0.0007	Mean: -0.0012 +/- 0.0011
Std Dev: 0.0448 +/- 0.0008	Std Dev: 0.0442 +/- 0.0005	Std Dev: 0.0448 +/- 0.0008



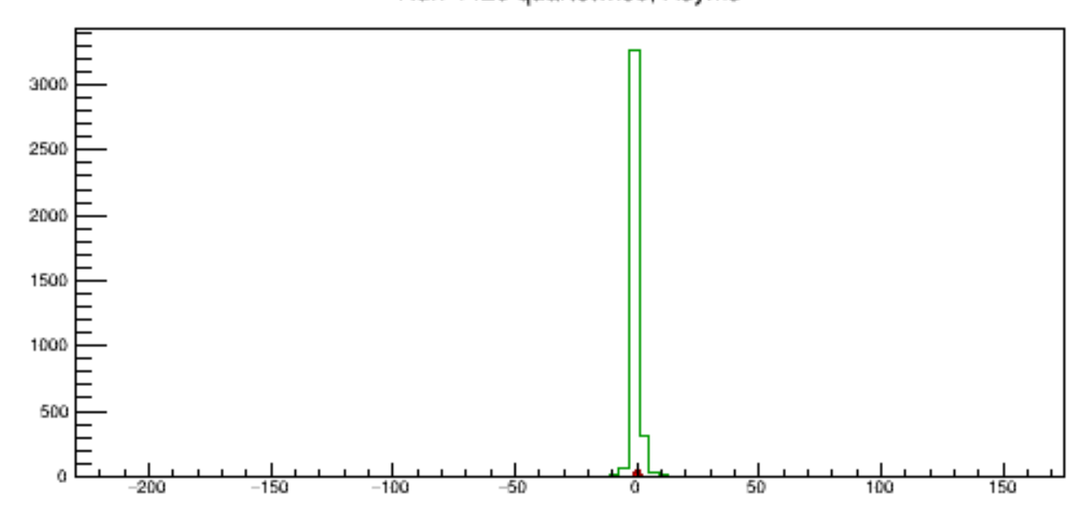
Cycle 8, Sums

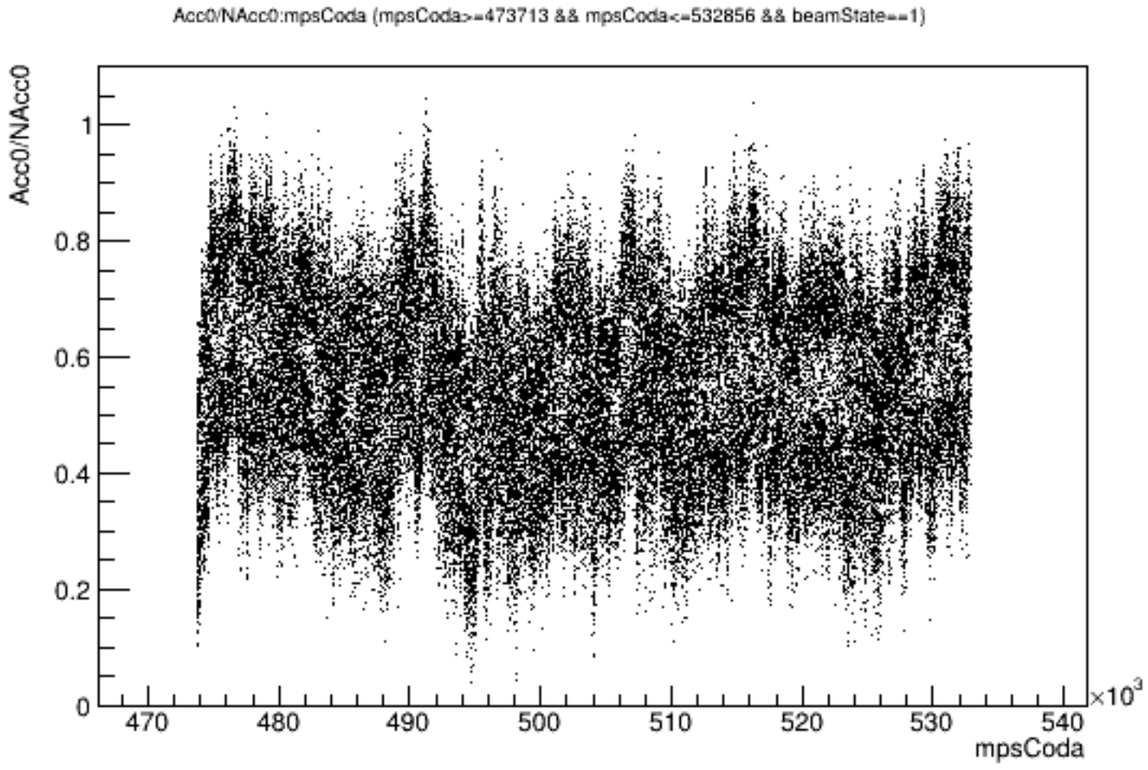
Entries: 1717	Entries: 3722	Entries: 1768
Mean: 1.1463 +/- 0.0040	Mean: 1.0751 +/- 0.0028	Mean: 1.1137 +/- 0.0035
Std Dev: 0.1655 +/- 0.0028	Std Dev: 0.1684 +/- 0.0020	Std Dev: 0.1473 +/- 0.0025

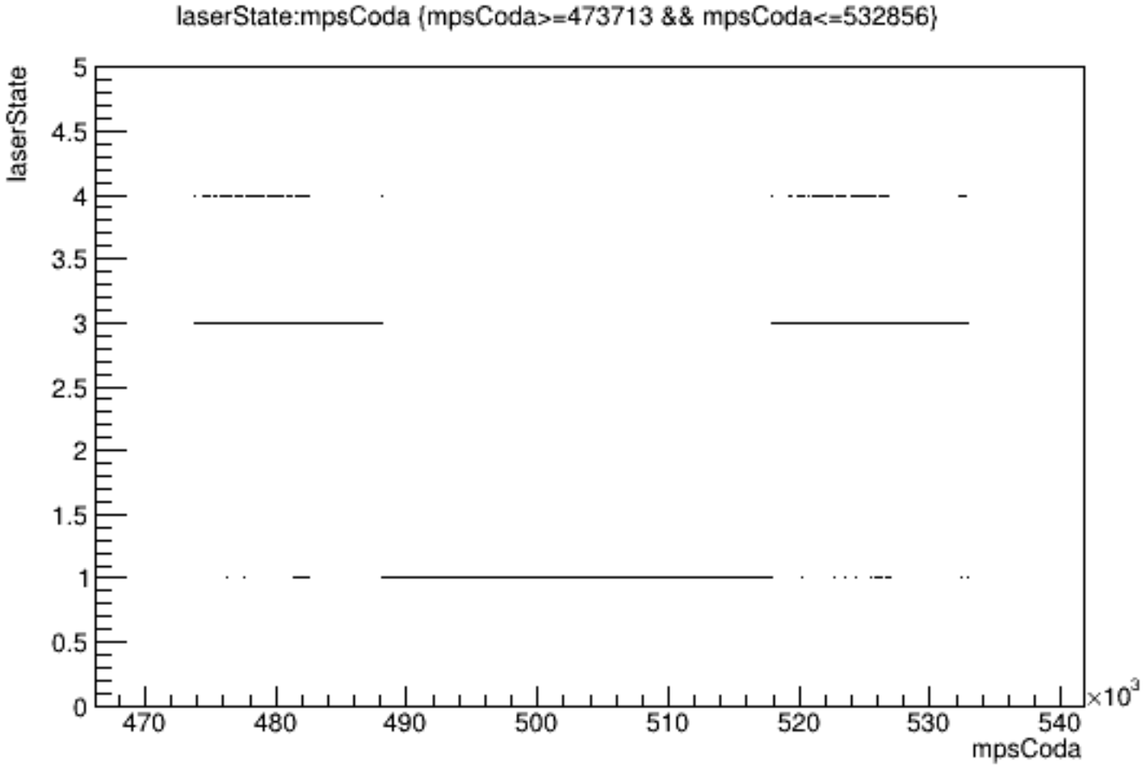


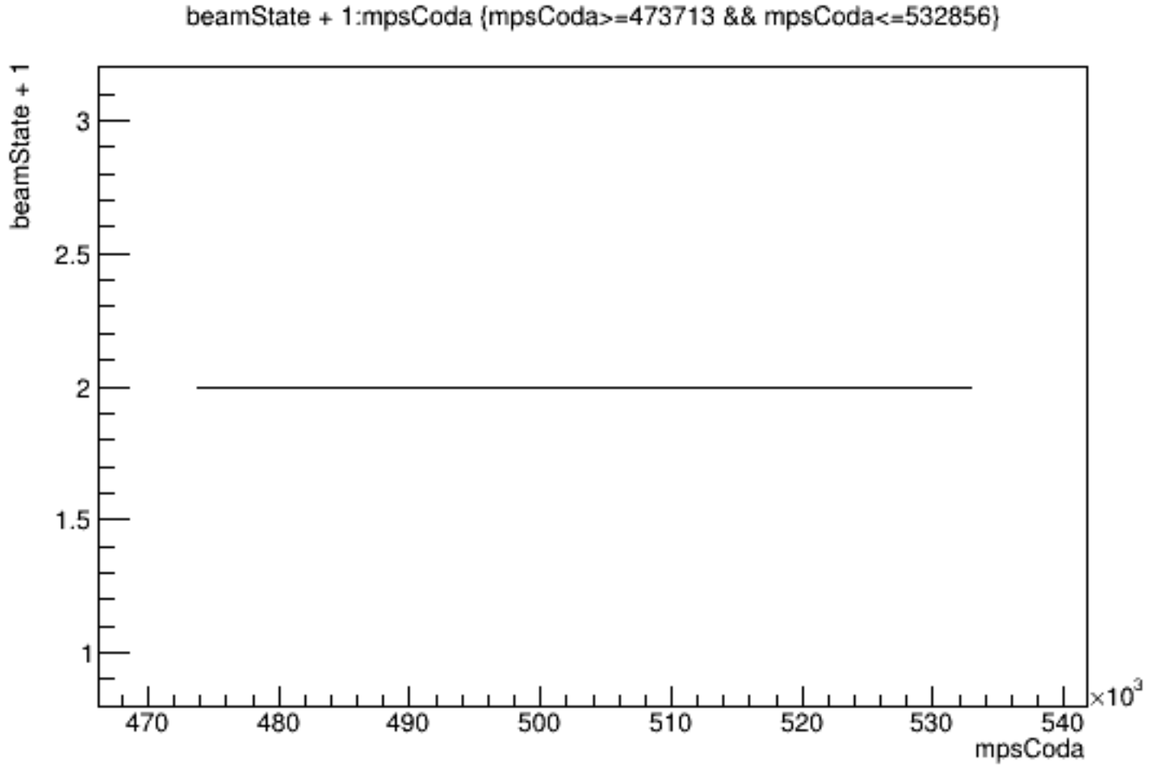
Cycle 8, Asyms

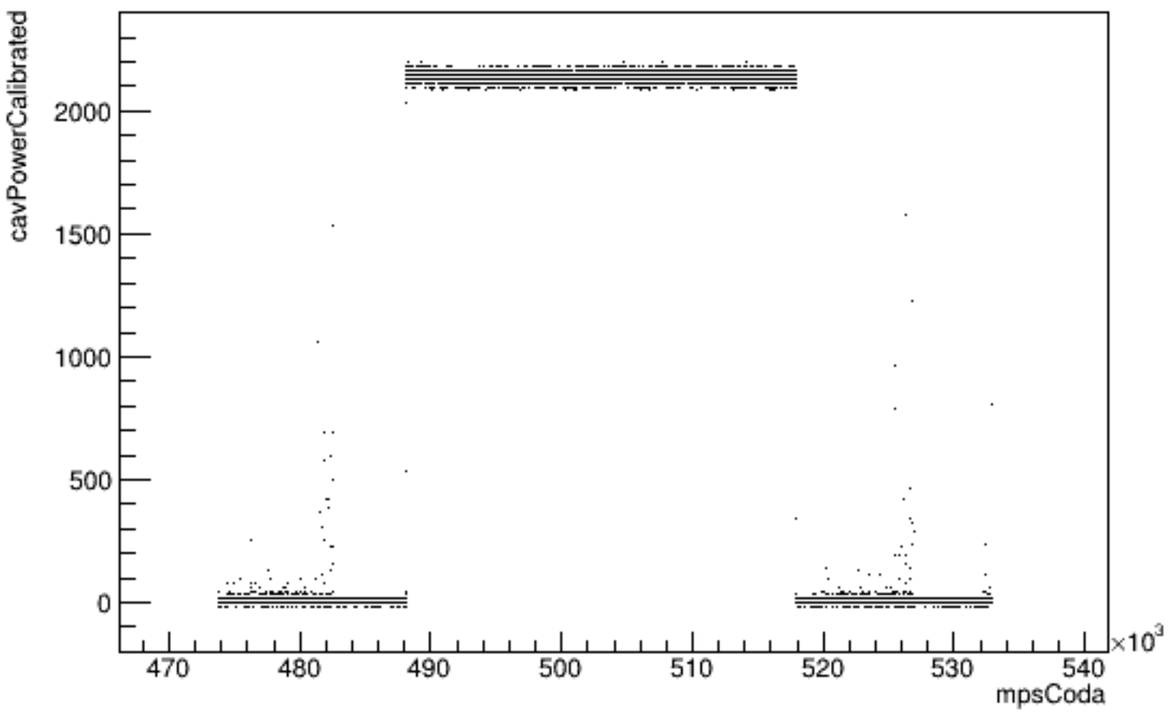
Entries: 1717	Entries: 3722	Entries: 1768
Mean: -0.0046 +/- 0.0197	Mean: 0.0835 +/- 0.0877	Mean: 0.0210 +/- 0.0194
Std Dev: 0.8153 +/- 0.0139	Std Dev: 5.3483 +/- 0.0620	Std Dev: 0.8151 +/- 0.0137

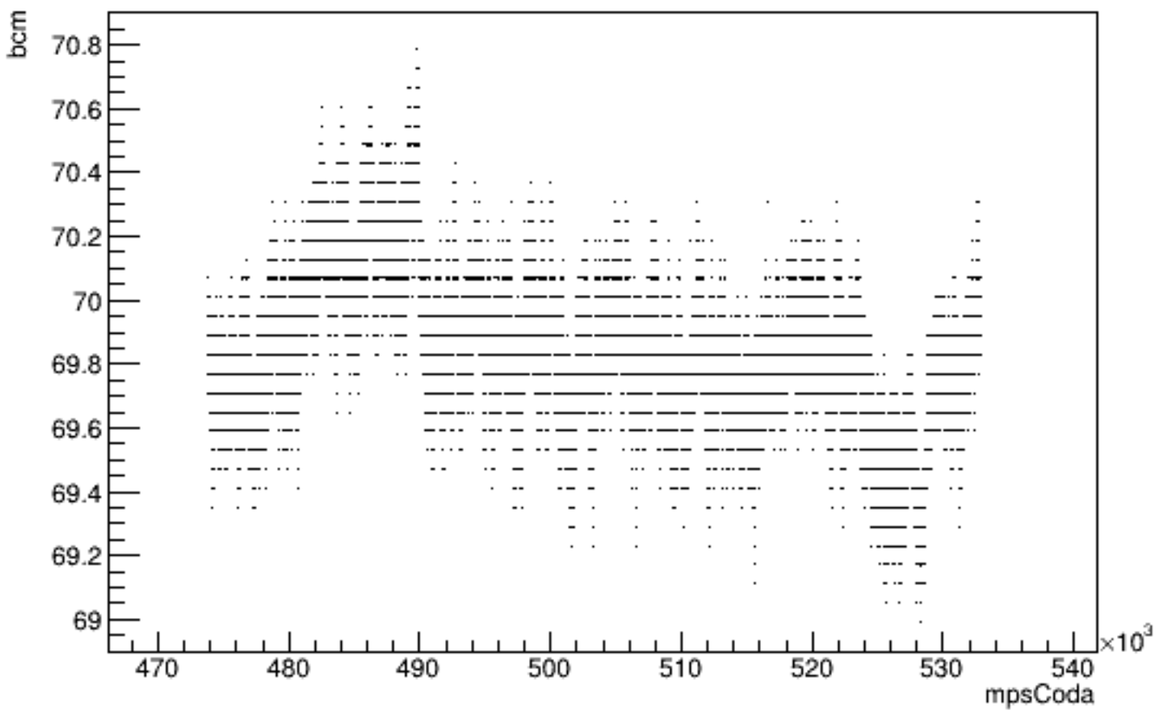





laserState:mpsCoda {mpsCoda>=473713 && mpsCoda<=532856}
laserState
mpsCoda
×10^3

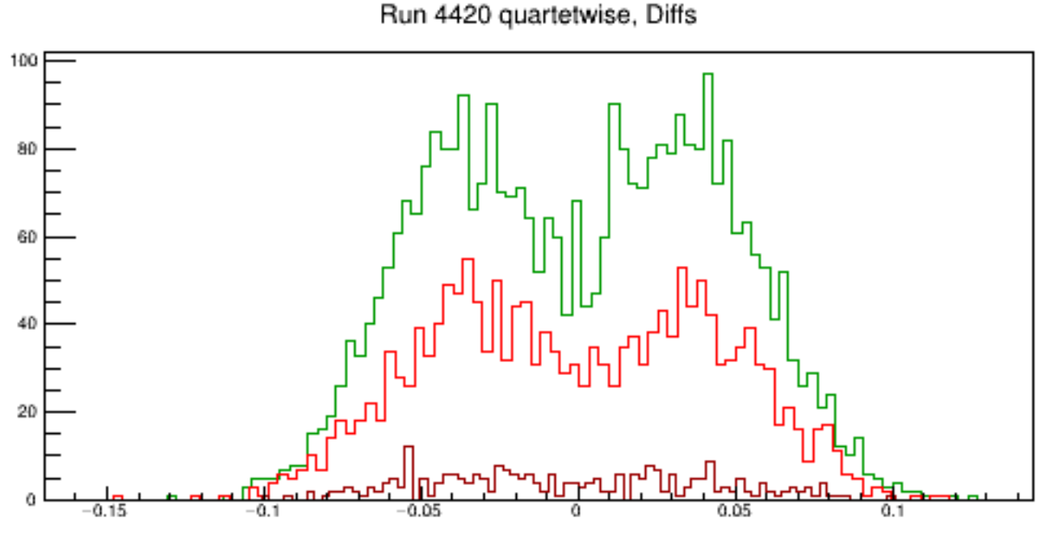

beamState + 1:mpsCoda {mpsCoda>=473713 && mpsCoda<=532856}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=473713 && mpsCoda<=532856}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=473713 && mpsCoda<=532856}
bcm
mpsCoda
×10^3

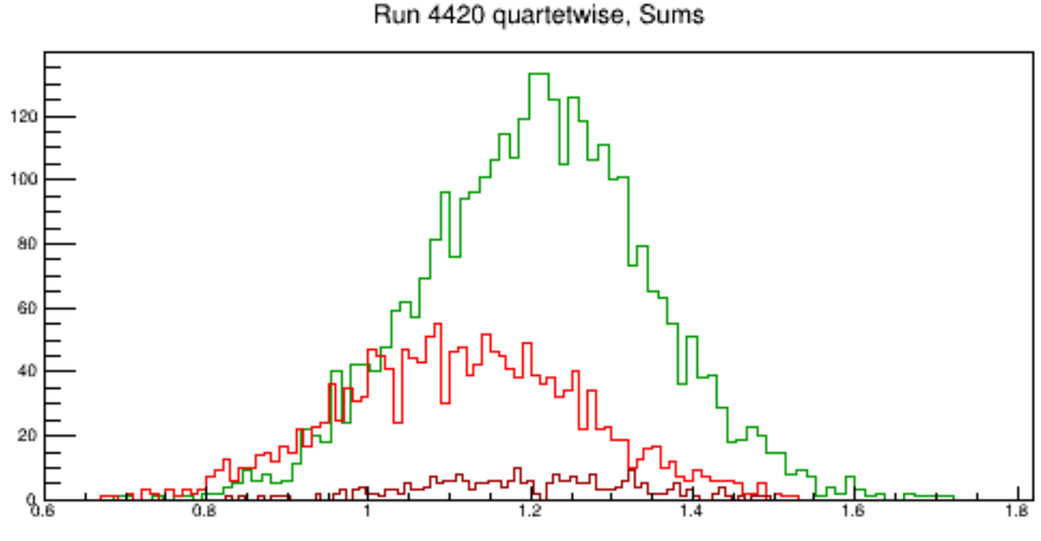
Cycle 9, Diffs

Entries: 1768	Entries: 3442	Entries: 261
Mean: -0.0012 +/- 0.0011	Mean: 0.0000 +/- 0.0008	Mean: -0.0034 +/- 0.0027
Std Dev: 0.0448 +/- 0.0008	Std Dev: 0.0446 +/- 0.0005	Std Dev: 0.0438 +/- 0.0019



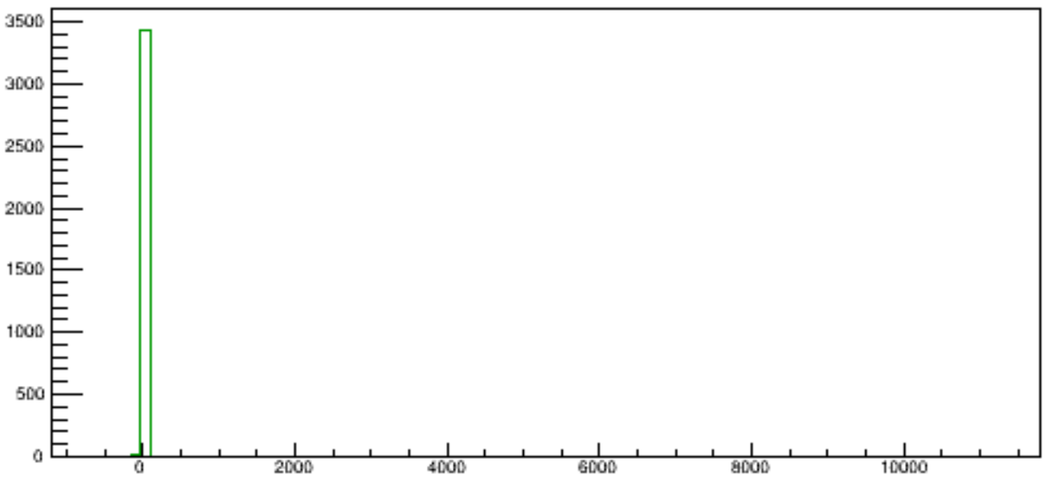
Cycle 9, Sums

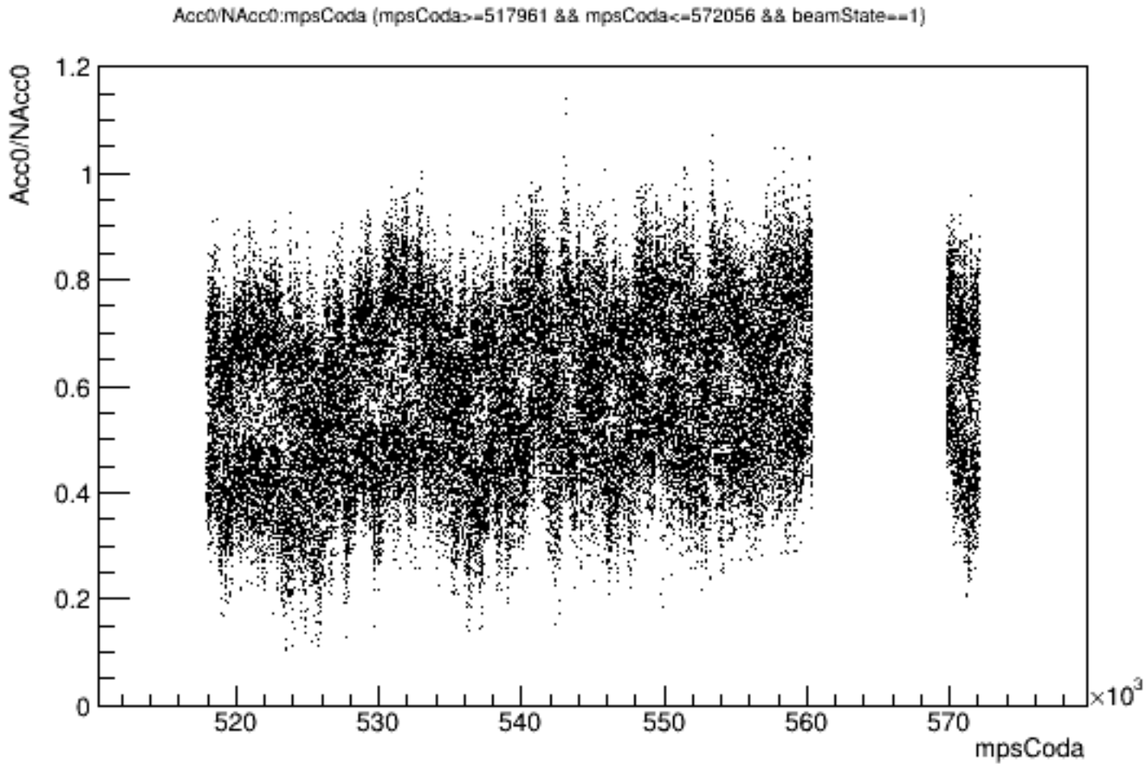
Entries: 1768	Entries: 3442	Entries: 261
Mean: 1.1137 +/- 0.0035	Mean: 1.2065 +/- 0.0024	Mean: 1.1913 +/- 0.0081
Std Dev: 0.1473 +/- 0.0025	Std Dev: 0.1411 +/- 0.0017	Std Dev: 0.1313 +/- 0.0057

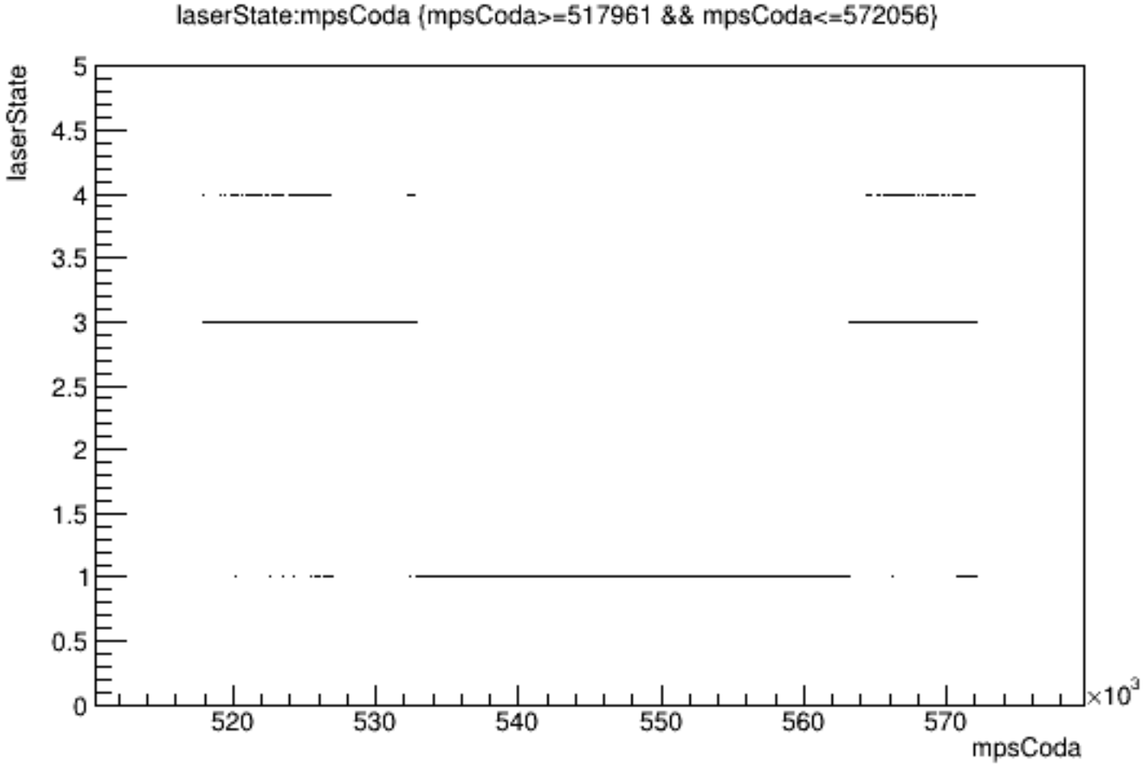


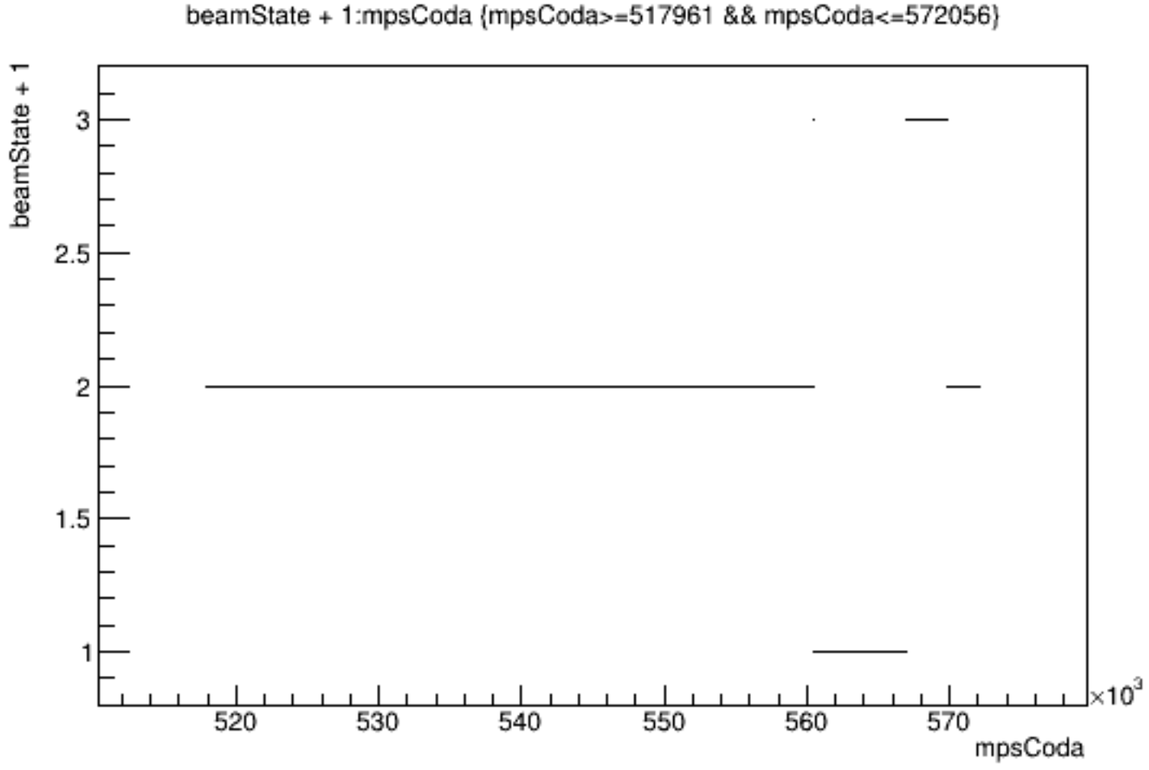
Cycle 9, Asyms

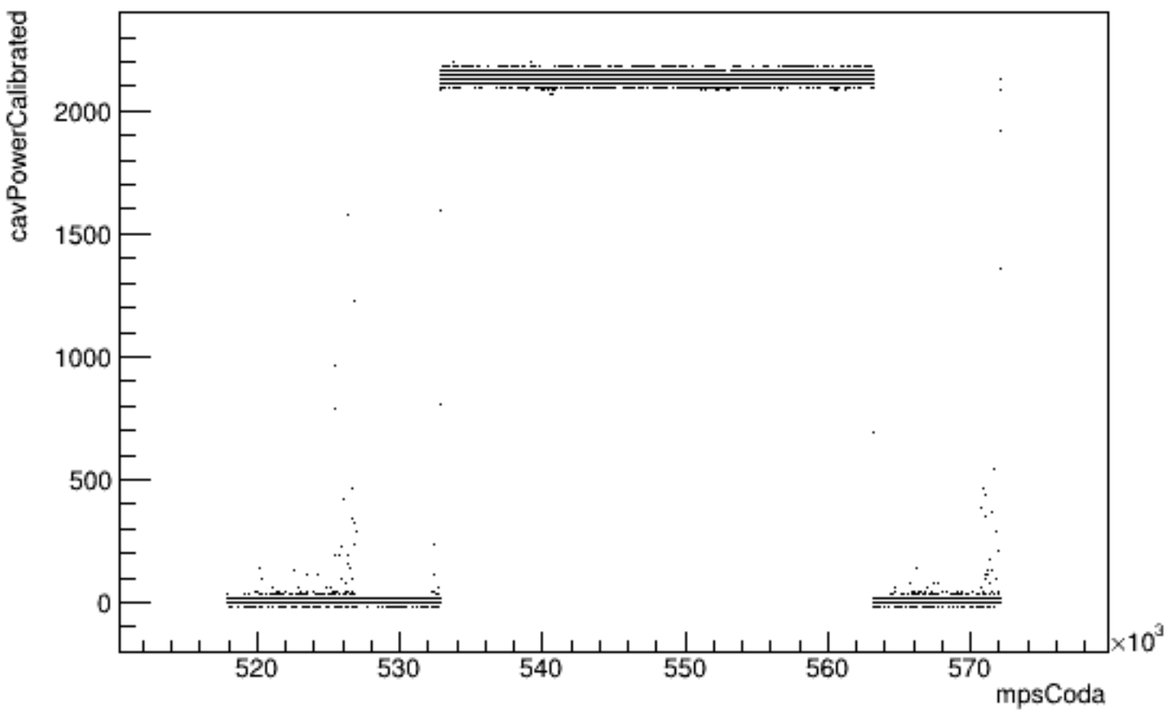
Entries: 1768	Entries: 3442	Entries: 261
Mean: -0.0214 +/- 0.0197	Mean: 3.0601 +/- 3.1150	Mean: -0.0627 +/- 0.0502
Std Dev: 0.8295 +/- 0.0139	Std Dev: 182.7518 +/- 2.2026	Std Dev: 0.8111 +/- 0.0355

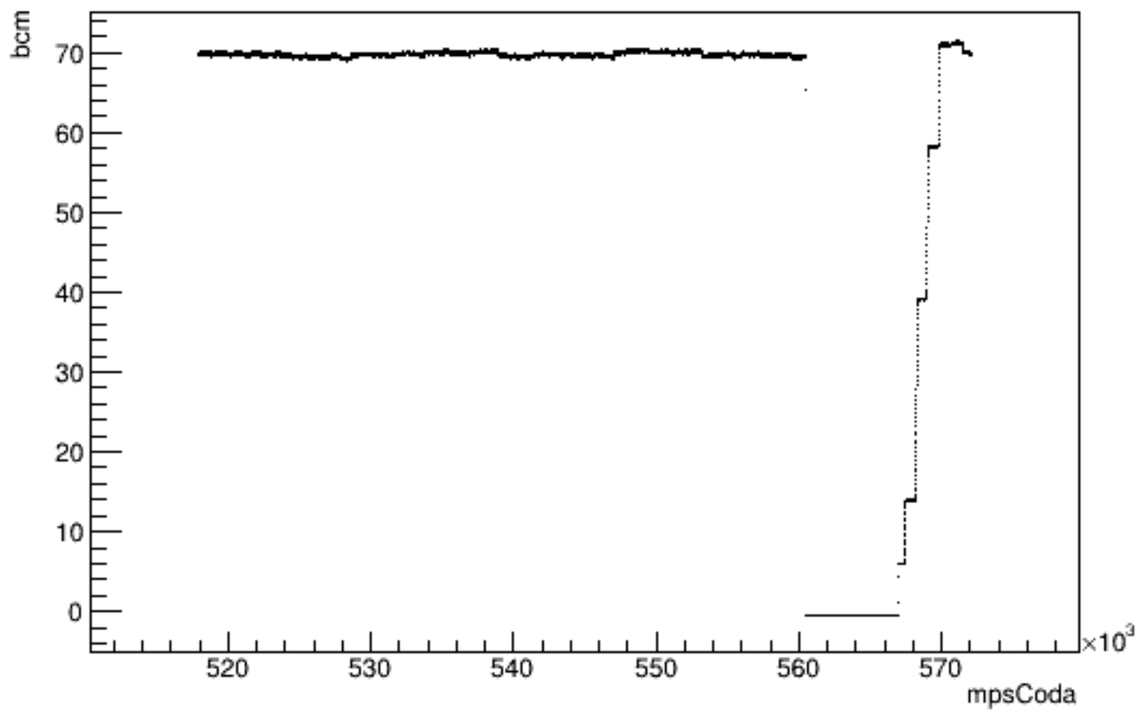





laserState:mpsCoda {mpsCoda>=517961 && mpsCoda<=572056}
laserState
mpsCoda
×10^3

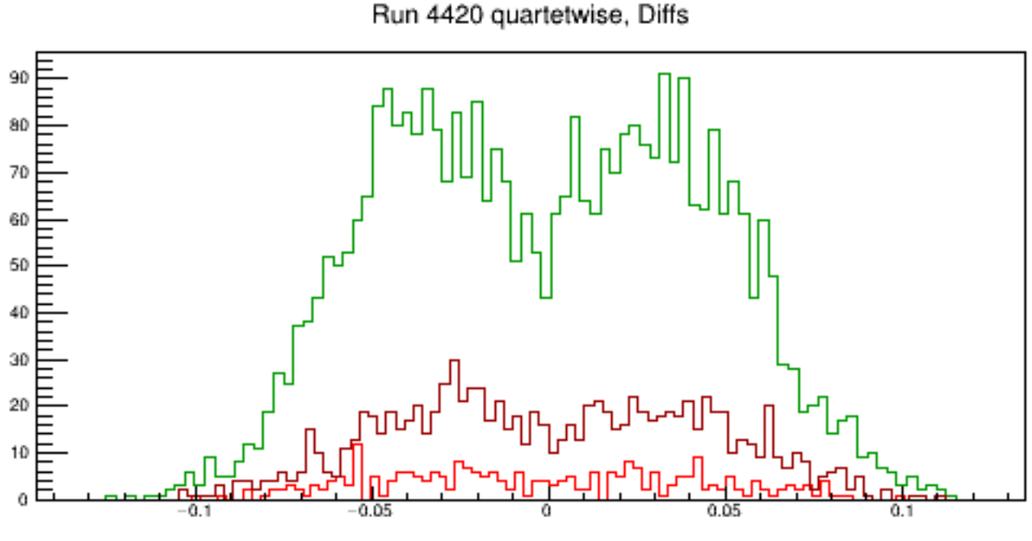

beamState + 1:mpsCoda {mpsCoda>=517961 && mpsCoda<=572056}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=517961 && mpsCoda<=572056}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=517961 && mpsCoda<=572056}
bcm
mpsCoda
×10^3

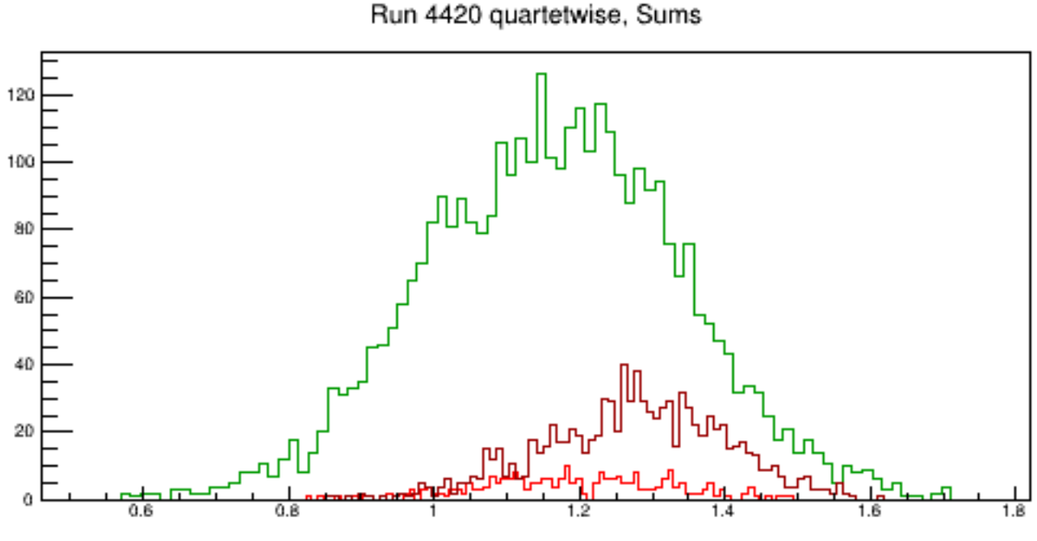
Cycle 10, Diffs

Entries: 261	Entries: 3635	Entries: 982
Mean: -0.0034 +/- 0.0027	Mean: -0.0008 +/- 0.0007	Mean: 0.0006 +/- 0.0014
Std Dev: 0.0438 +/- 0.0019	Std Dev: 0.0442 +/- 0.0005	Std Dev: 0.0431 +/- 0.0010



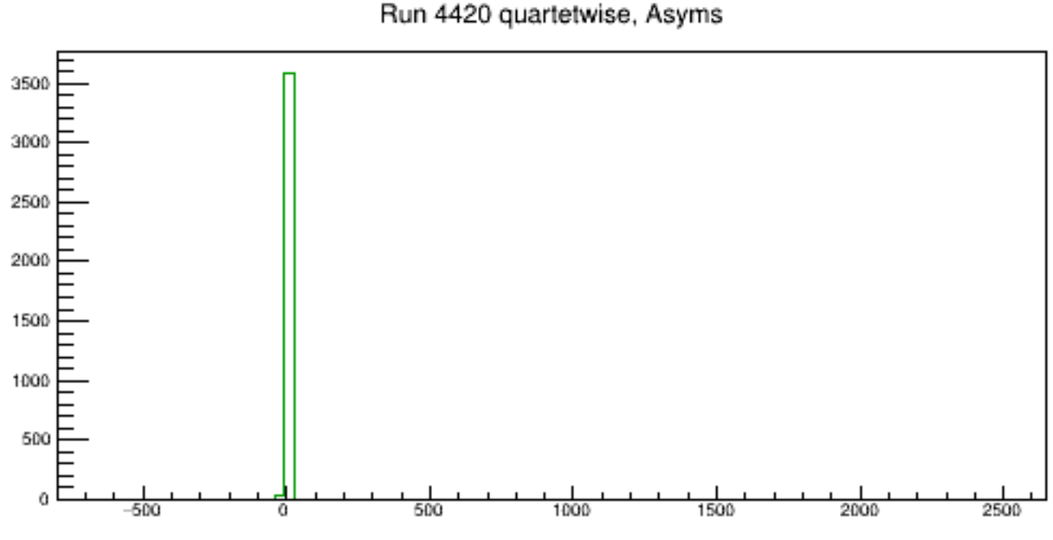
Cycle 10, Sums

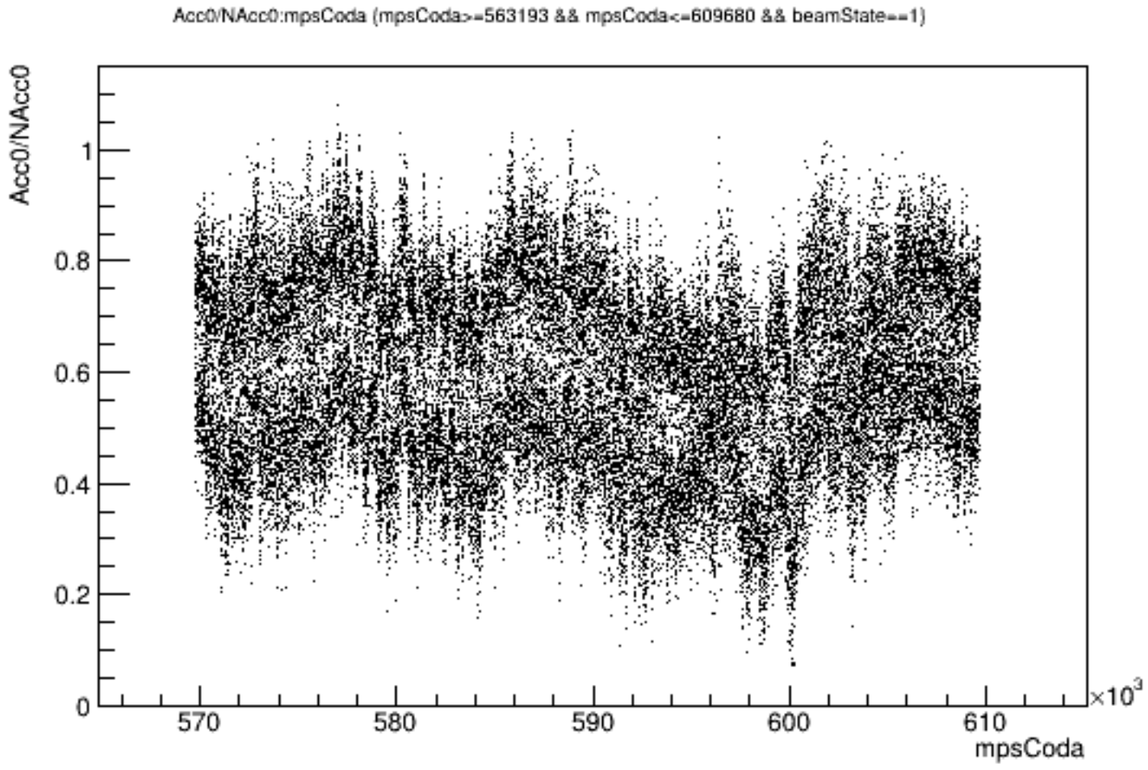
Entries: 261	Entries: 3635	Entries: 982
Mean: 1.1913 +/- 0.0081	Mean: 1.1632 +/- 0.0029	Mean: 1.2734 +/- 0.0041
Std Dev: 0.1313 +/- 0.0057	Std Dev: 0.1766 +/- 0.0021	Std Dev: 0.1277 +/- 0.0029

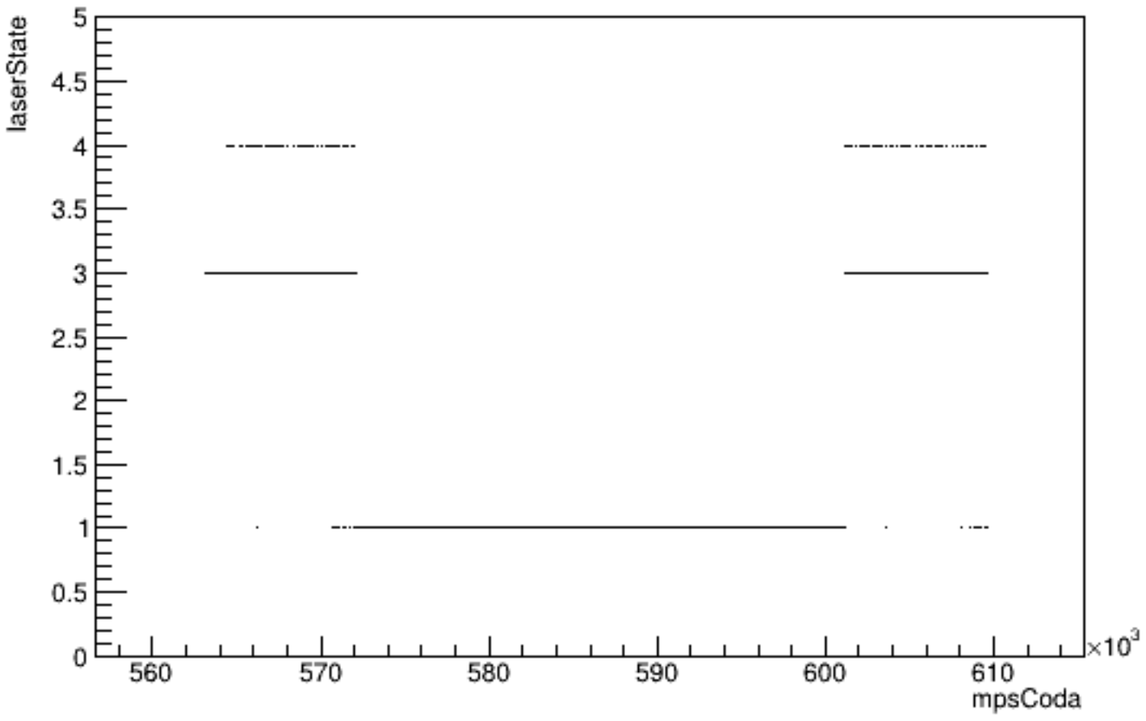


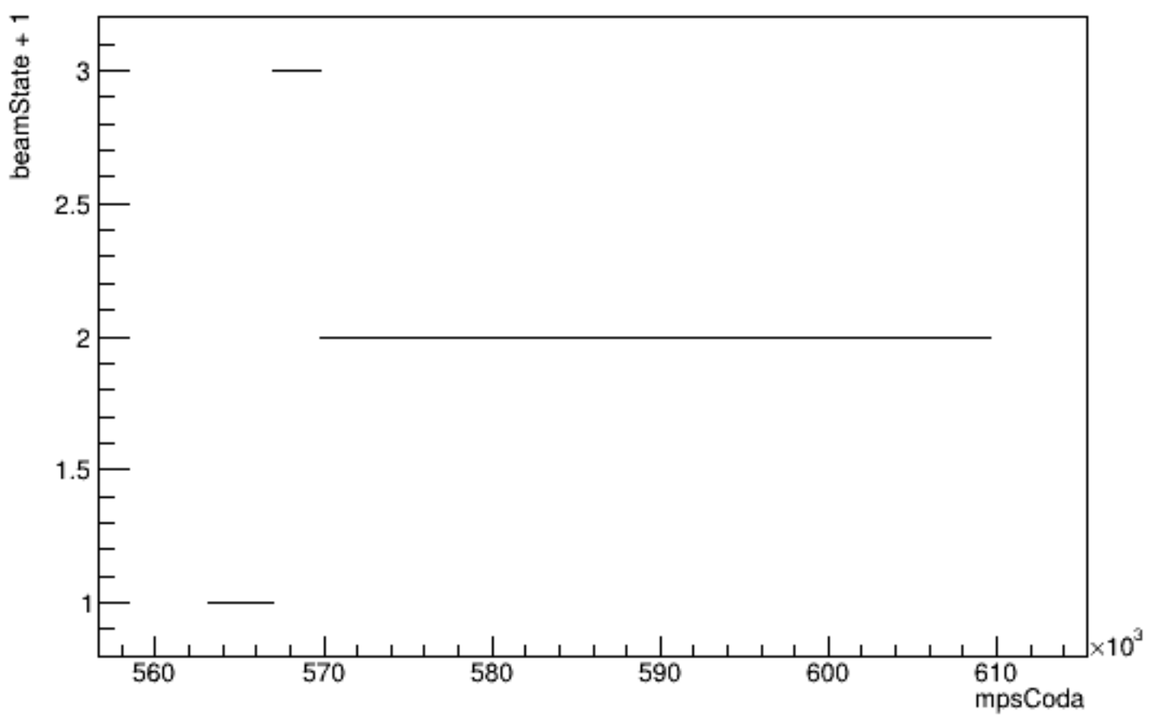
Cycle 10, Asyms

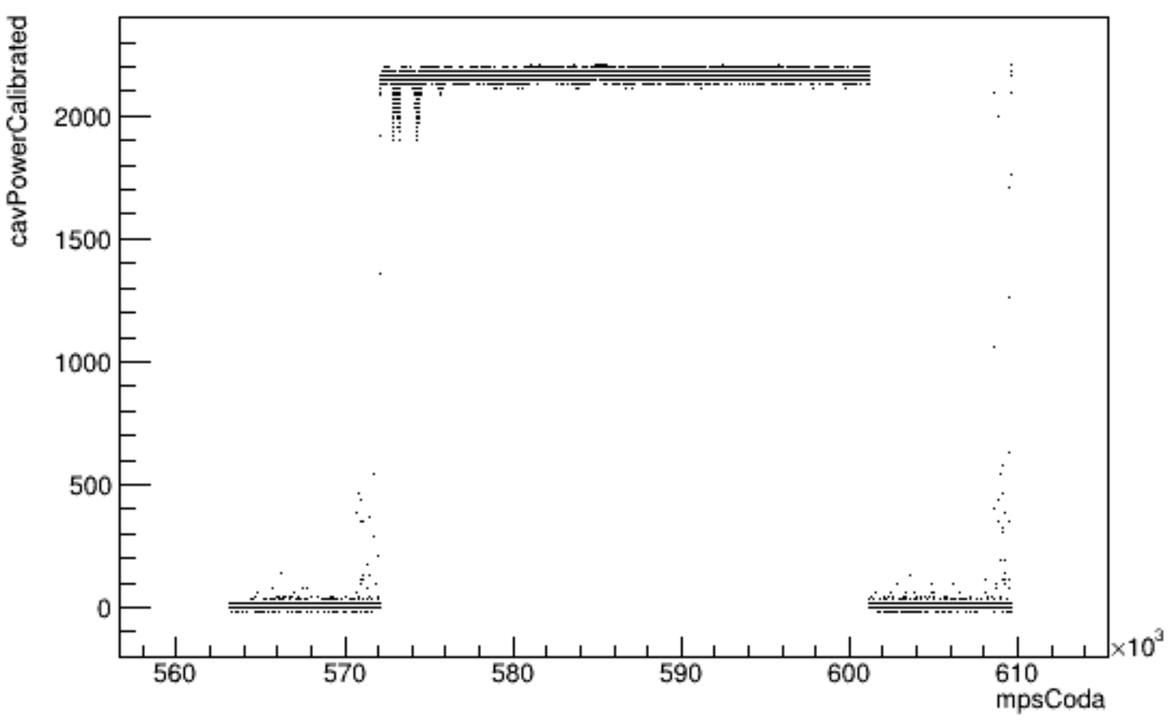
Entries: 261	Entries: 3635	Entries: 982
Mean: 0.0489 +/- 0.0392	Mean: 0.4332 +/- 0.6871	Mean: -0.0080 +/- 0.0199
Std Dev: 0.6331 +/- 0.0277	Std Dev: 41.4269 +/- 0.4859	Std Dev: 0.6236 +/- 0.0141

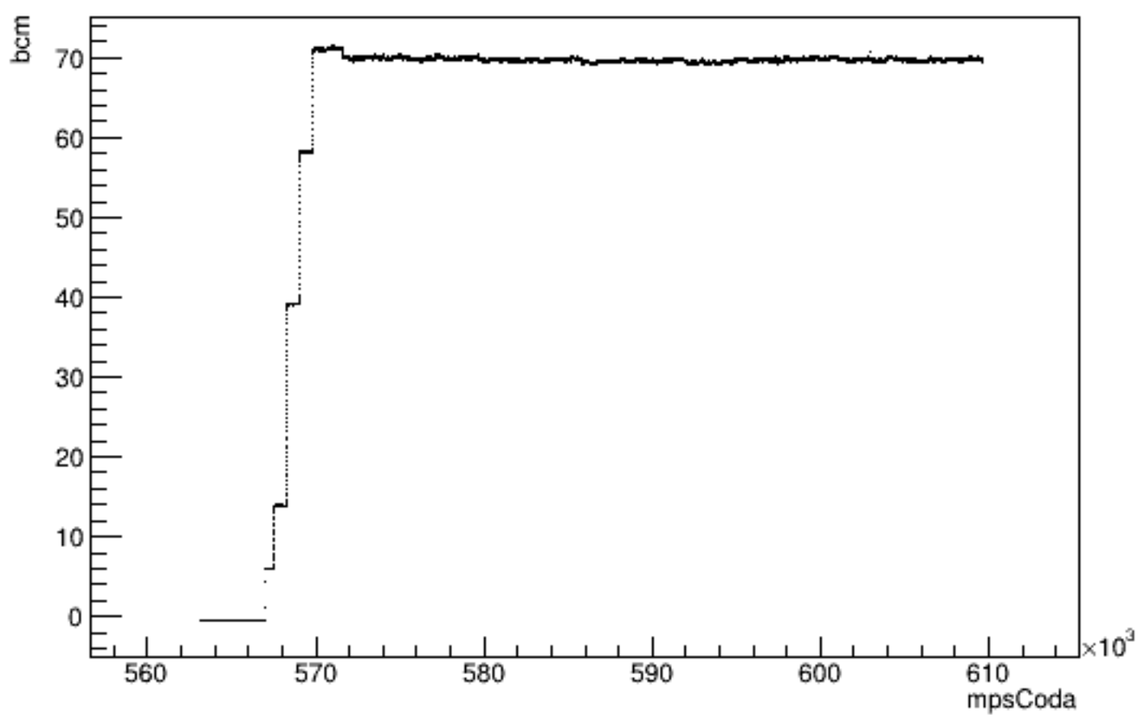





laserState:mpsCoda {mpsCoda>=563193 && mpsCoda<=609680}
laserState
mpsCoda
×10^3

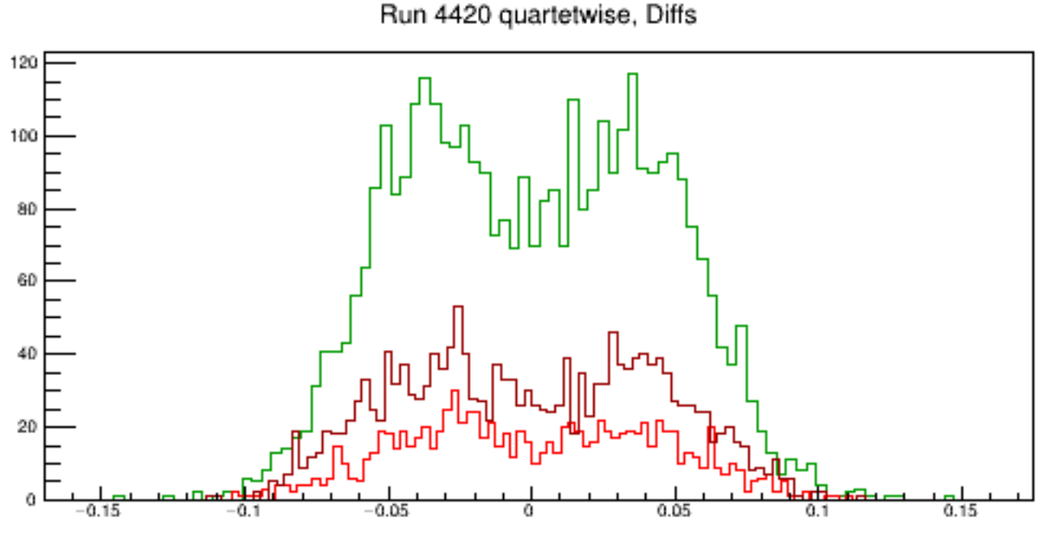

beamState + 1:mpsCoda {mpsCoda>=563193 && mpsCoda<=609680}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=563193 && mpsCoda<=609680}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=563193 && mpsCoda<=609680}
bcm
mpsCoda
×10^3

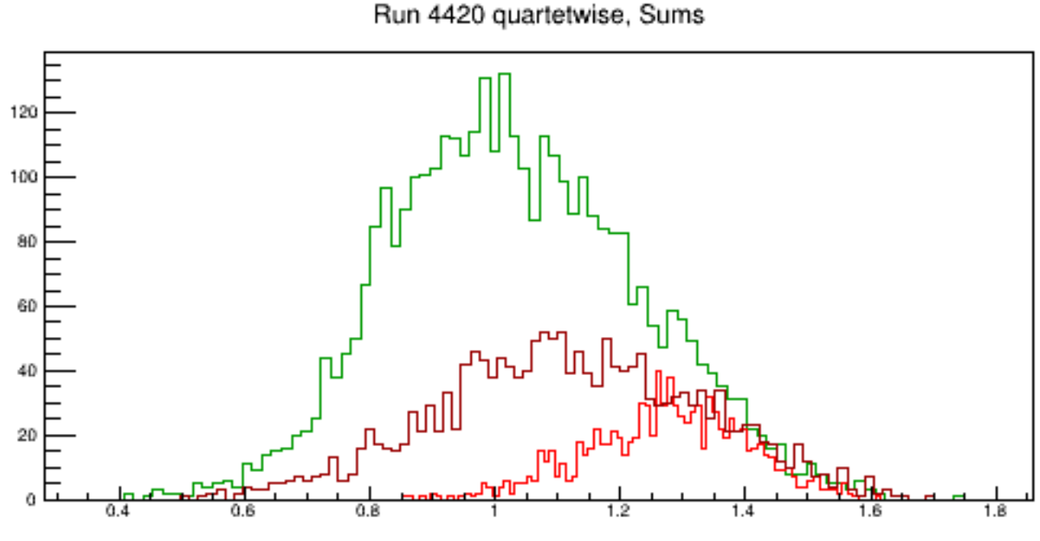
Cycle 11, Diffs

Entries: 982	Entries: 3736	Entries: 1756
Mean: 0.0006 +/- 0.0014	Mean: 0.0001 +/- 0.0007	Mean: -0.0008 +/- 0.0011
Std Dev: 0.0431 +/- 0.0010	Std Dev: 0.0438 +/- 0.0005	Std Dev: 0.0445 +/- 0.0008



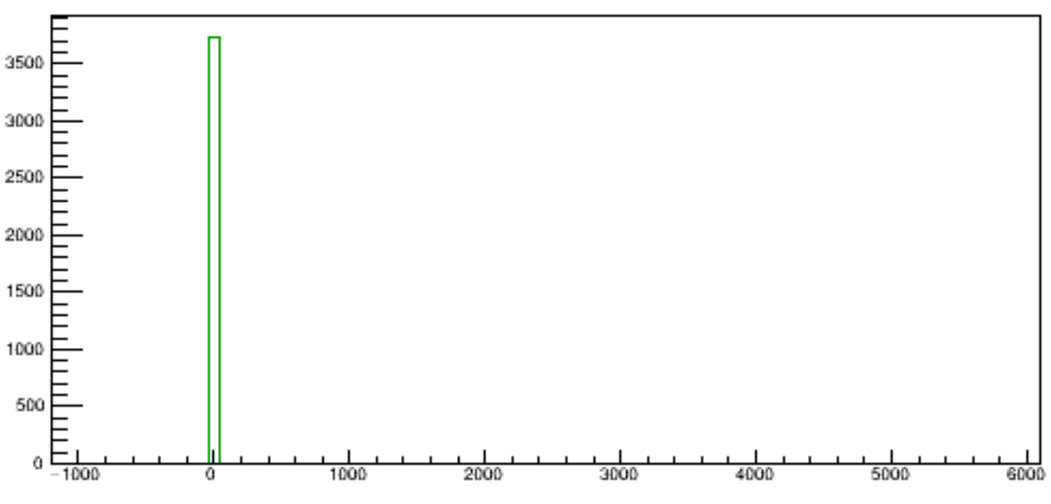
Cycle 11, Sums

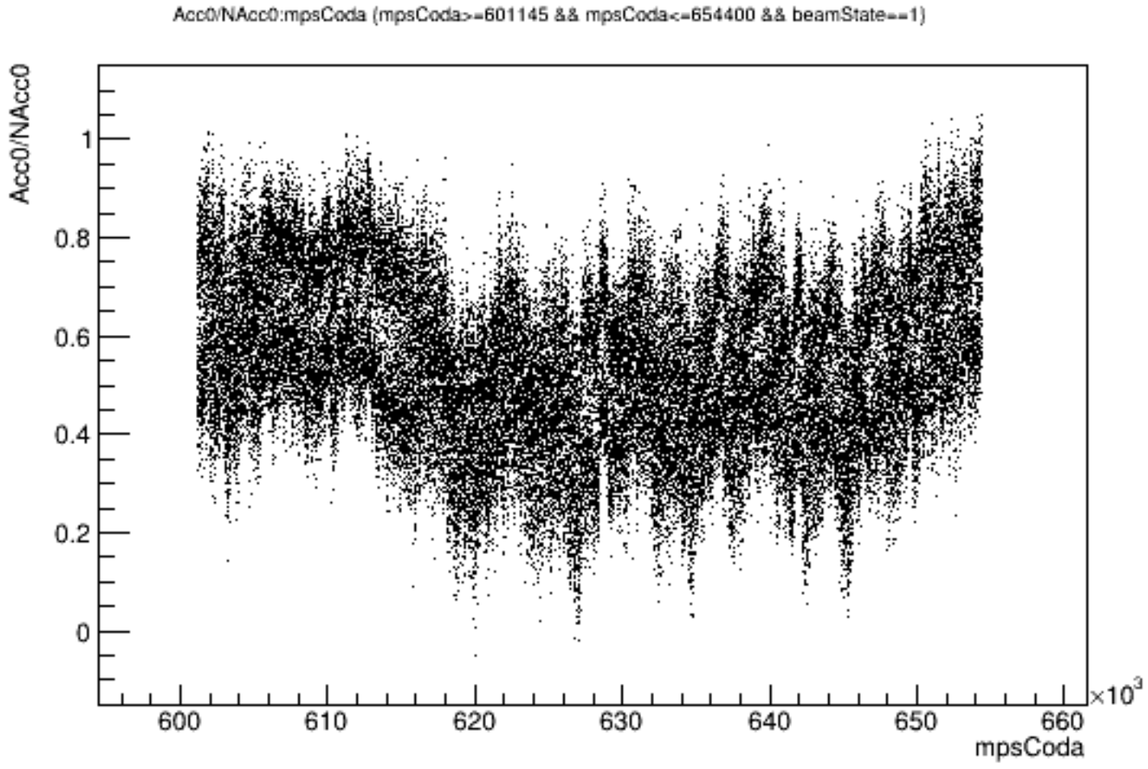
Entries: 982	Entries: 3736	Entries: 1756
Mean: 1.2734 +/- 0.0041	Mean: 1.0339 +/- 0.0032	Mean: 1.1186 +/- 0.0050
Std Dev: 0.1277 +/- 0.0029	Std Dev: 0.1984 +/- 0.0023	Std Dev: 0.2090 +/- 0.0035

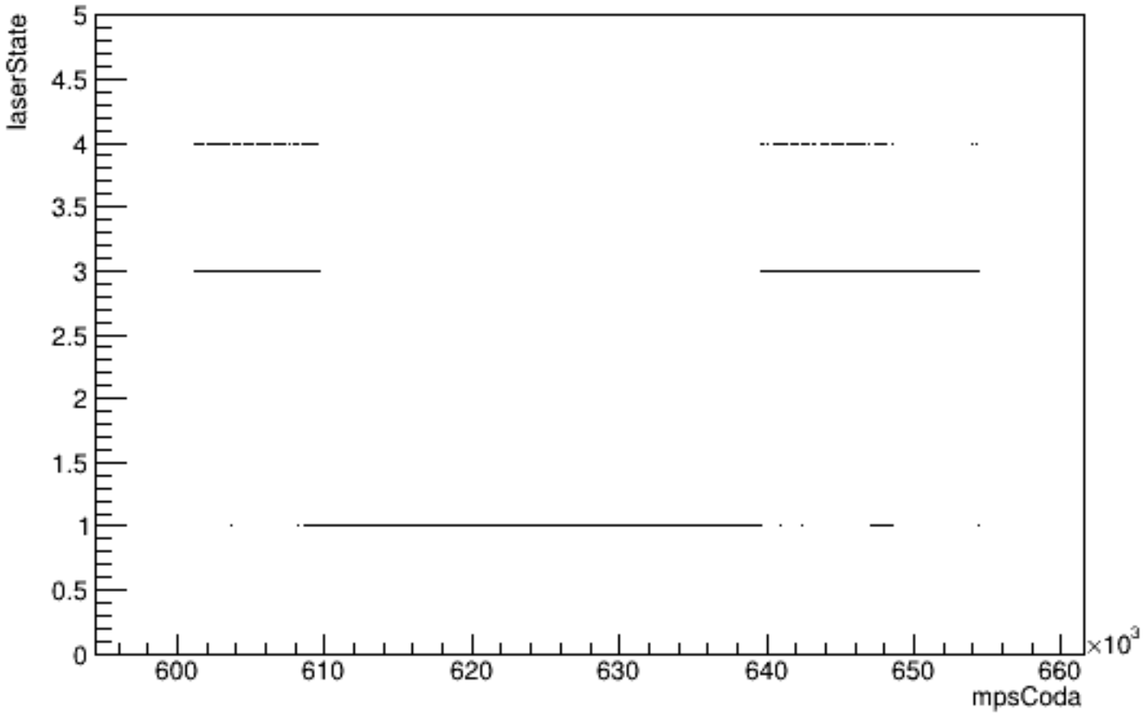


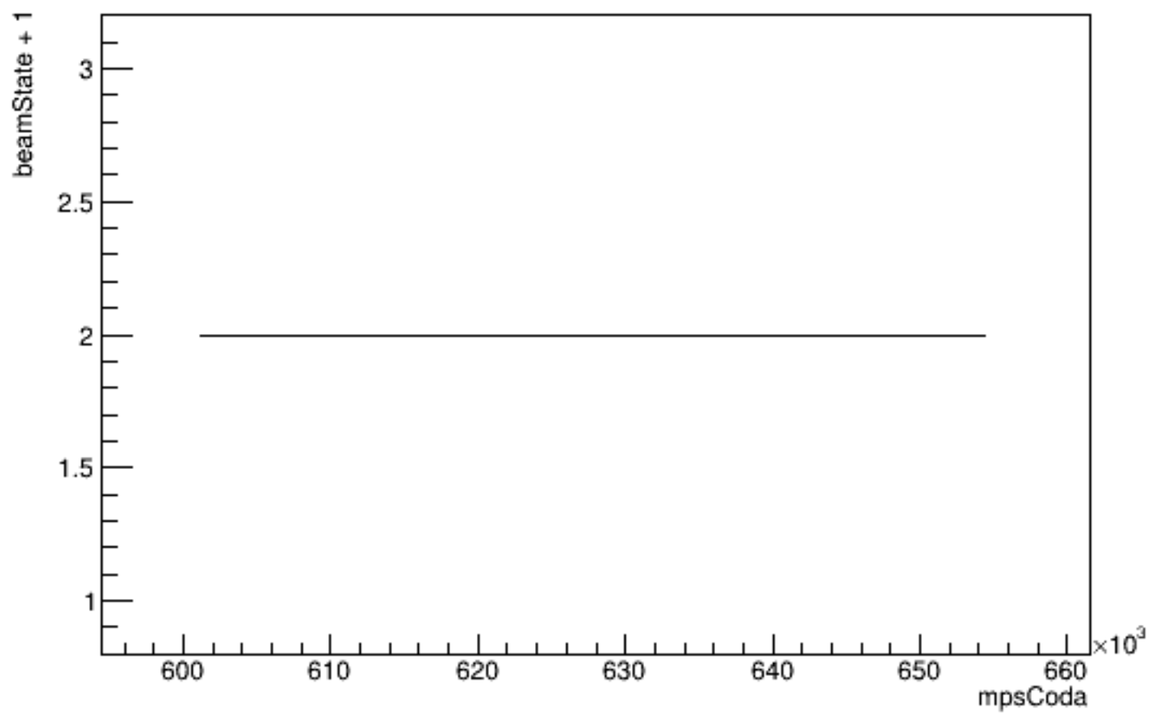
Cycle 11, Asyms

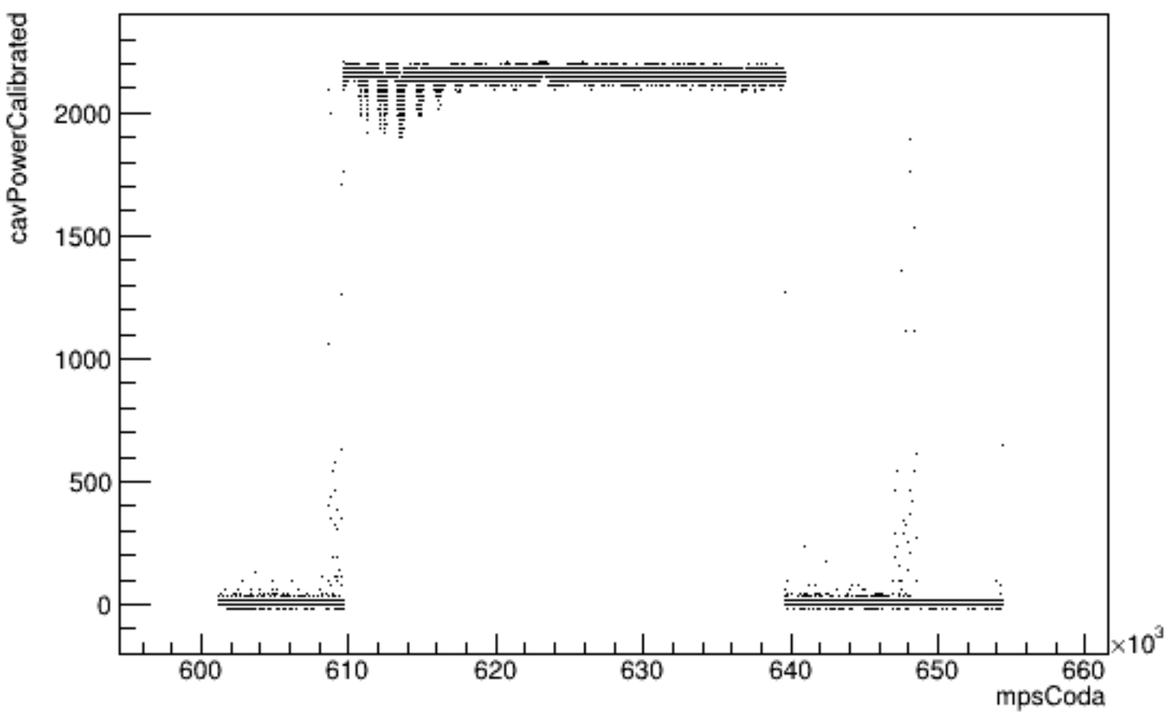
Entries: 982	Entries: 3736	Entries: 1756
Mean: -0.0034 +/- 0.0085	Mean: 1.8050 +/- 1.5593	Mean: 0.0051 +/- 0.0066
Std Dev: 0.2660 +/- 0.0060	Std Dev: 95.3082 +/- 1.1026	Std Dev: 0.2746 +/- 0.0046

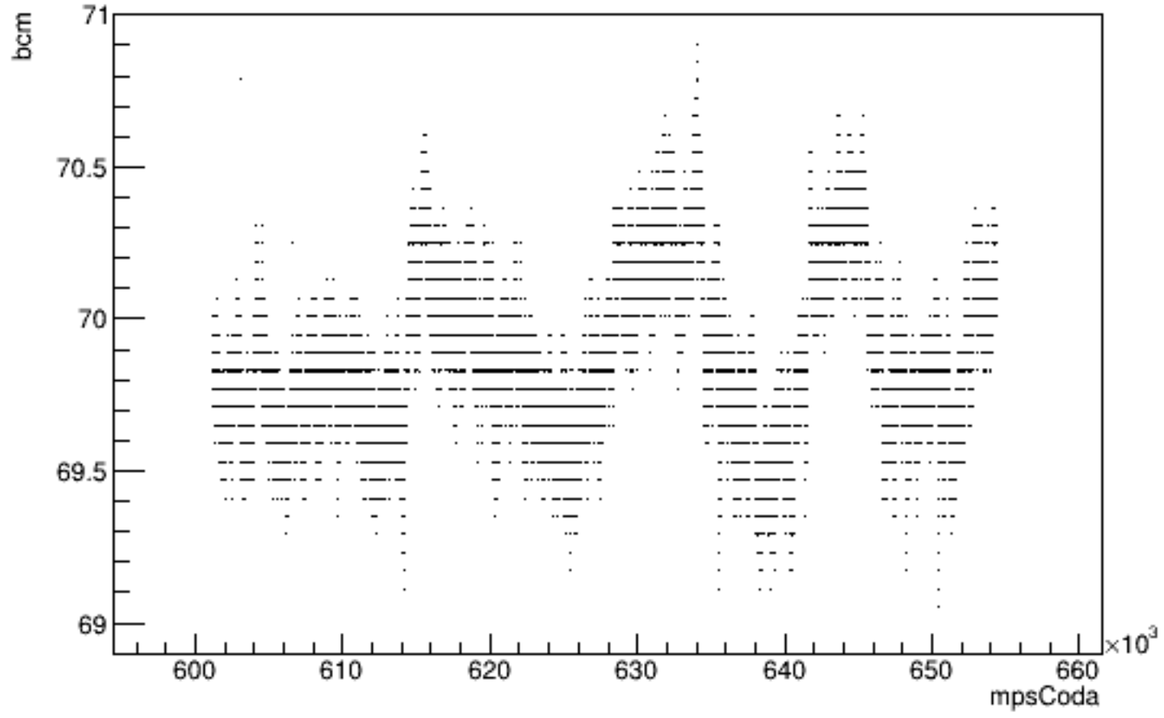





laserState:mpsCoda {mpsCoda>=601145 && mpsCoda<=654400}
laserState
mpsCoda
×10^3

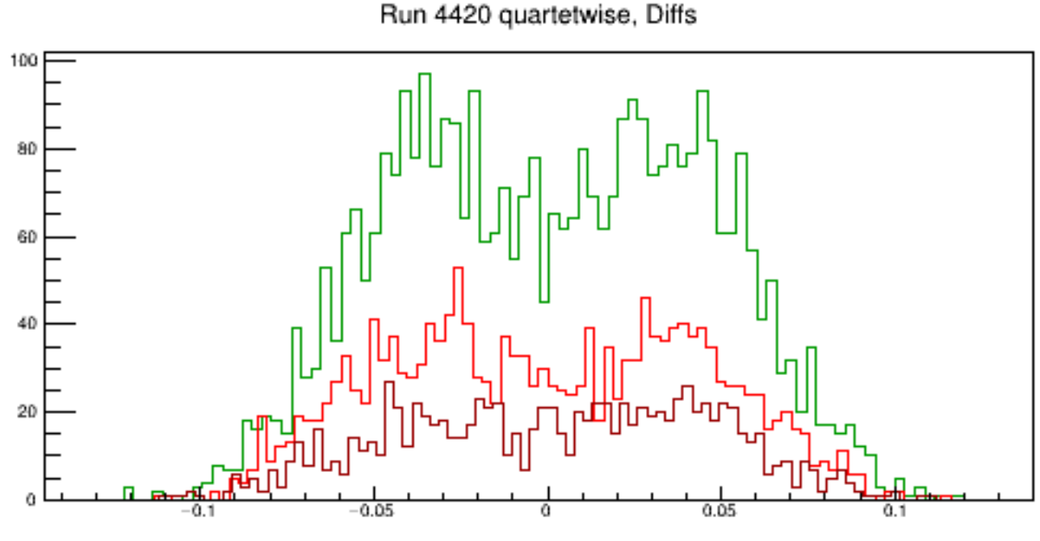

beamState + 1:mpsCoda {mpsCoda>=601145 && mpsCoda<=654400}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=601145 && mpsCoda<=654400}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=601145 && mpsCoda<=654400}
bcm
mpsCoda
×10^3

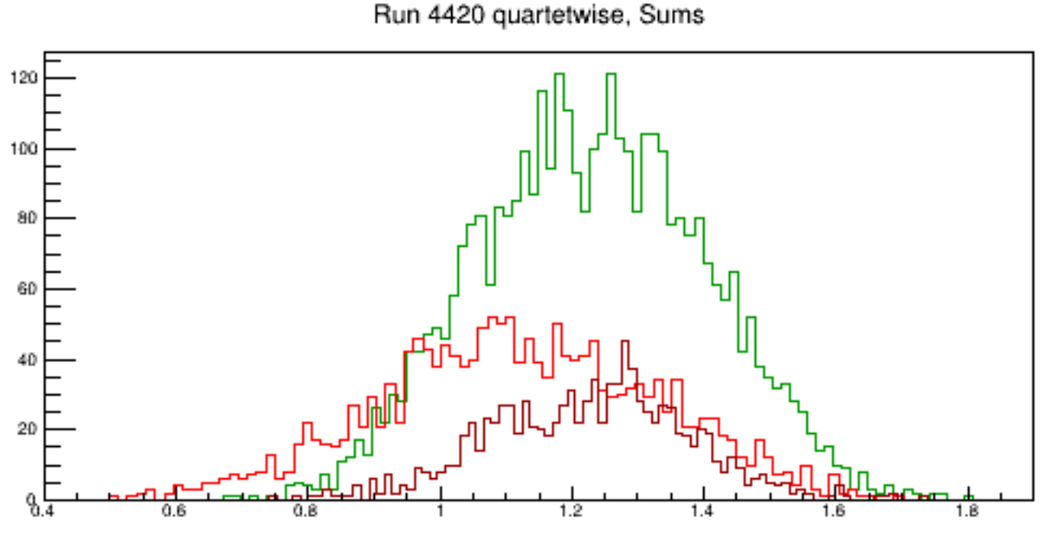
Cycle 12, Diffs

Entries: 1756	Entries: 3678	Entries: 990
Mean: -0.0008 +/- 0.0011	Mean: 0.0008 +/- 0.0007	Mean: 0.0017 +/- 0.0014
Std Dev: 0.0445 +/- 0.0008	Std Dev: 0.0441 +/- 0.0005	Std Dev: 0.0444 +/- 0.0010



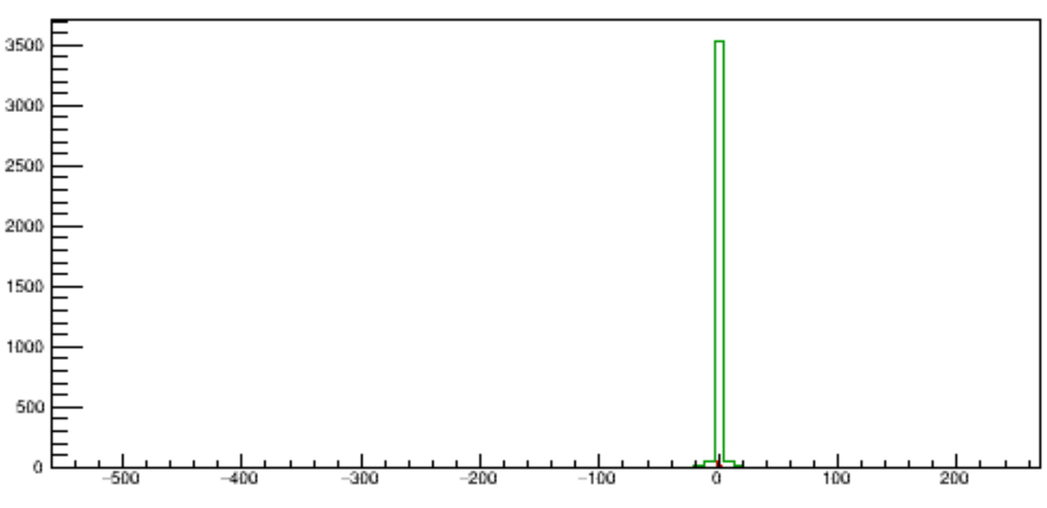
Cycle 12, Sums

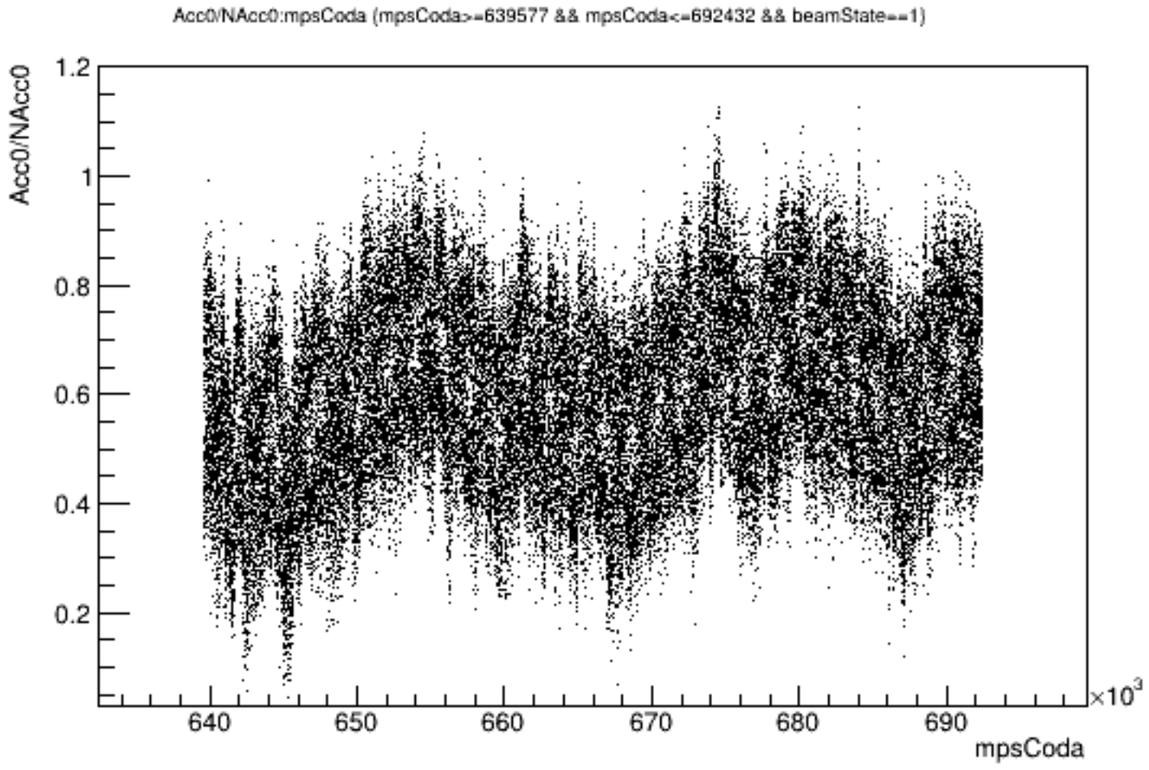
Entries: 1756	Entries: 3678	Entries: 990
Mean: 1.1186 +/- 0.0050	Mean: 1.2290 +/- 0.0029	Mean: 1.2251 +/- 0.0048
Std Dev: 0.2090 +/- 0.0035	Std Dev: 0.1733 +/- 0.0020	Std Dev: 0.1502 +/- 0.0034

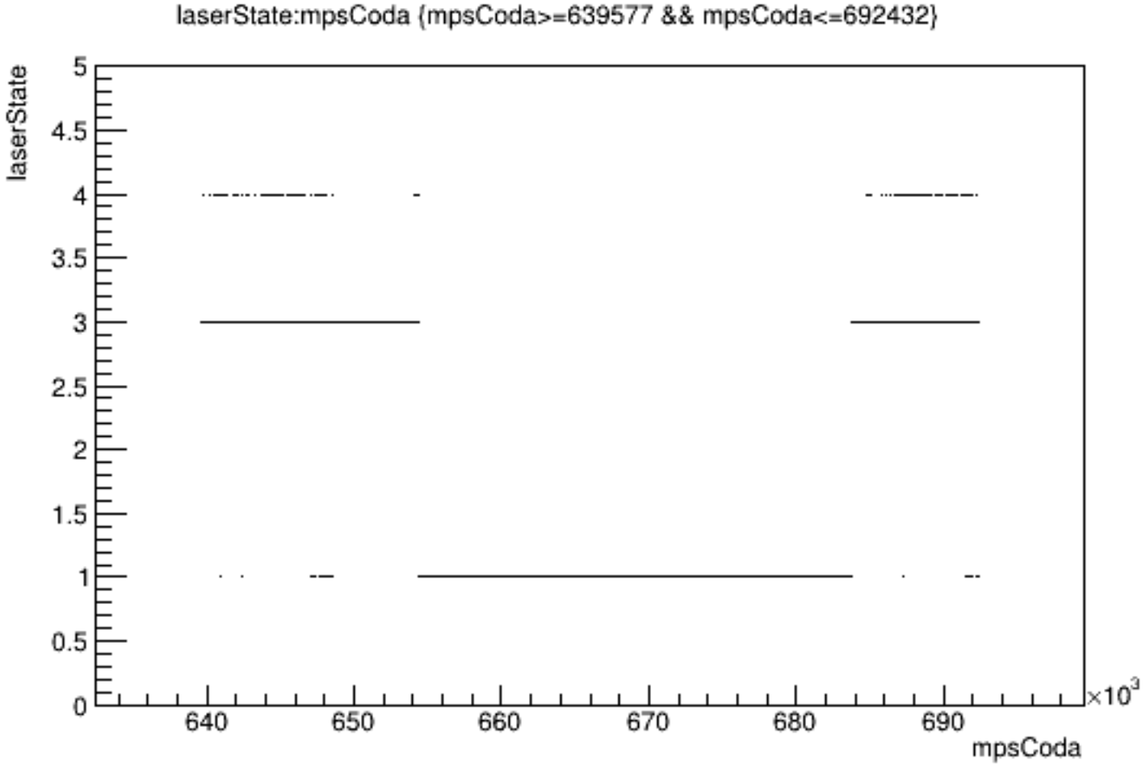


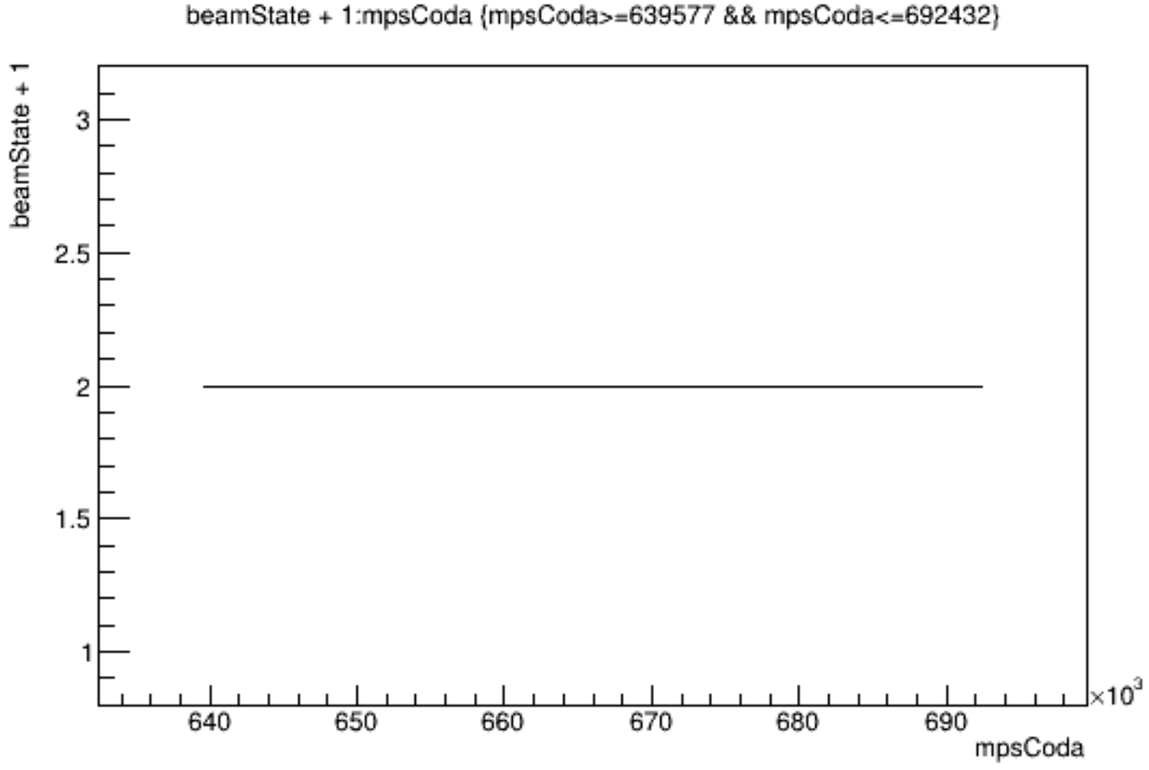
Cycle 12, Asyms

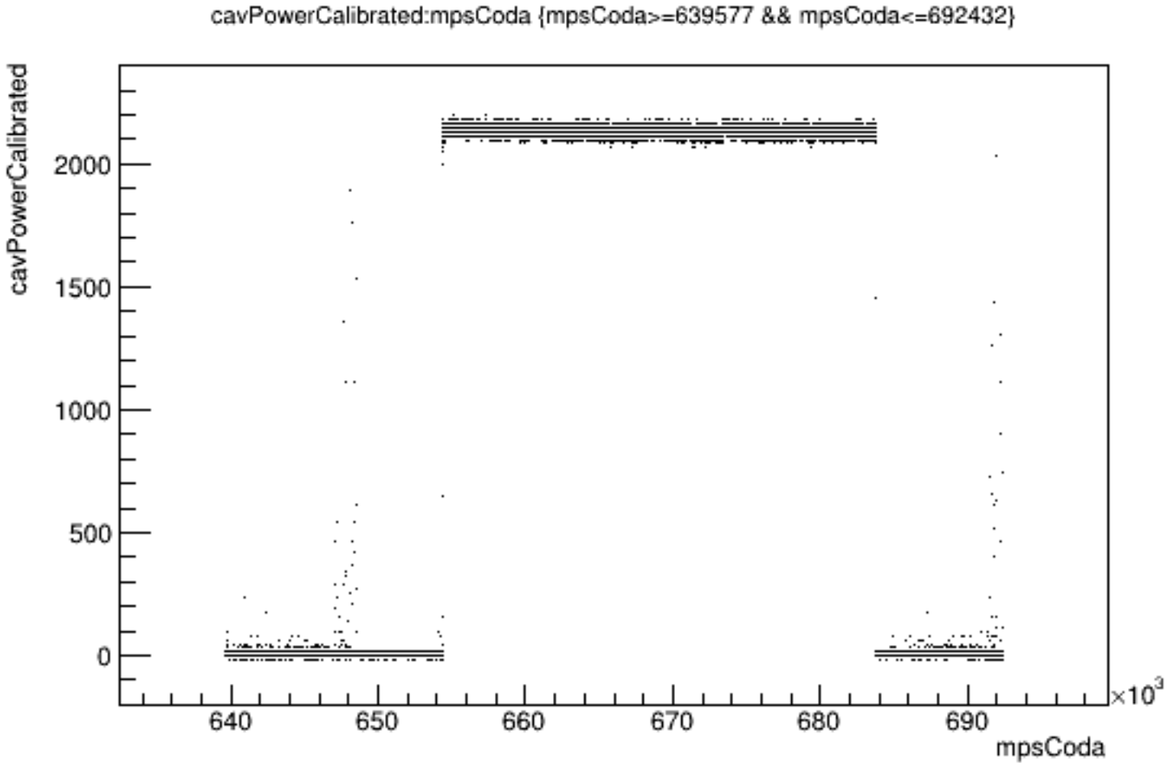
Entries: 1756	Entries: 3678	Entries: 990
Mean: -0.0144 +/- 0.0186	Mean: -0.0378 +/- 0.1850	Mean: 0.0304 +/- 0.0247
Std Dev: 0.7788 +/- 0.0131	Std Dev: 11.2205 +/- 0.1308	Std Dev: 0.7771 +/- 0.0175

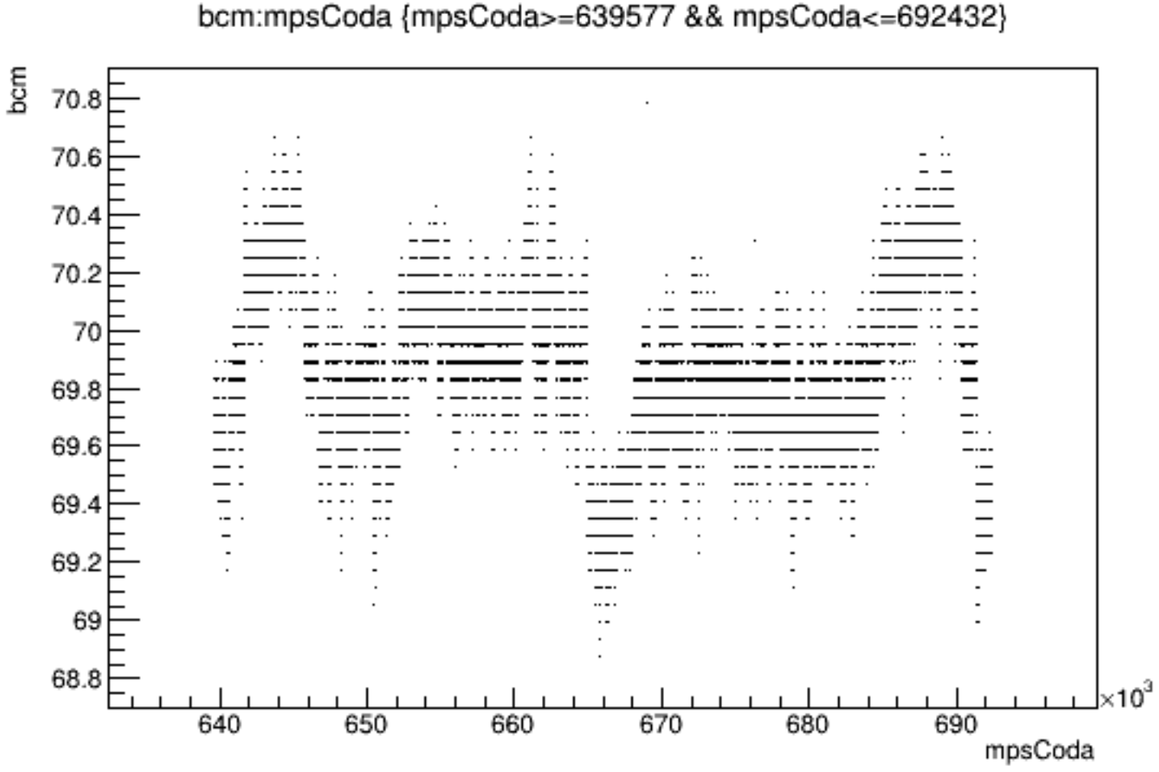





laserState:mpsCoda {mpsCoda>=639577 && mpsCoda<=692432}
laserState
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
640
650
660
670
680
690
×10^3
mpsCoda

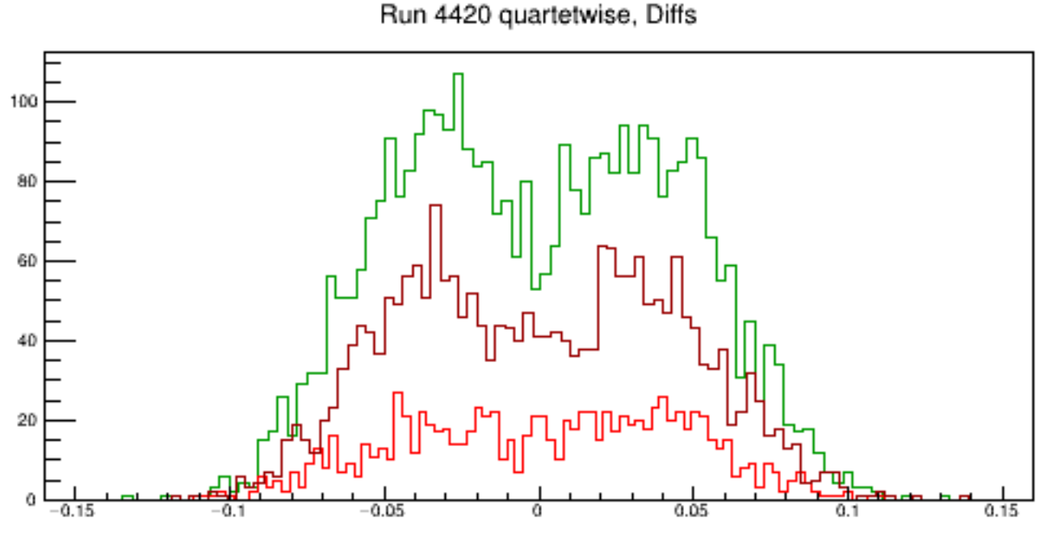

beamState + 1:mpsCoda {mpsCoda>=639577 && mpsCoda<=692432}
beamState + 1
3
2.5
2
1.5
1
640
650
660
670
680
690
×10^3
mpsCoda


cavPowerCalibrated:mpsCoda {mpsCoda>=639577 && mpsCoda<=692432}
cavPowerCalibrated
2000
1500
1000
500
0
640
650
660
670
680
690
×10^3
mpsCoda


bcm:mpsCoda {mpsCoda>=639577 && mpsCoda<=692432}
bcm
70.8
70.6
70.4
70.2
70
69.8
69.6
69.4
69.2
69
68.8
640
650
660
670
680
690
×10^3
mpsCoda

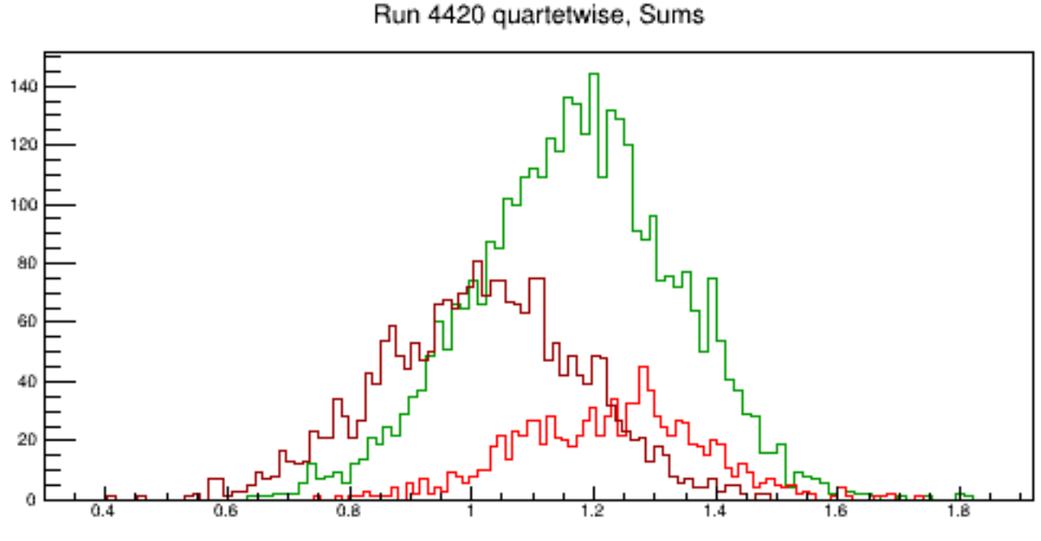
Cycle 13, Diffs

Entries: 990	Entries: 3730	Entries: 2301
Mean: 0.0017 +/- 0.0014	Mean: 0.0001 +/- 0.0007	Mean: -0.0001 +/- 0.0009
Std Dev: 0.0444 +/- 0.0010	Std Dev: 0.0445 +/- 0.0005	Std Dev: 0.0442 +/- 0.0007



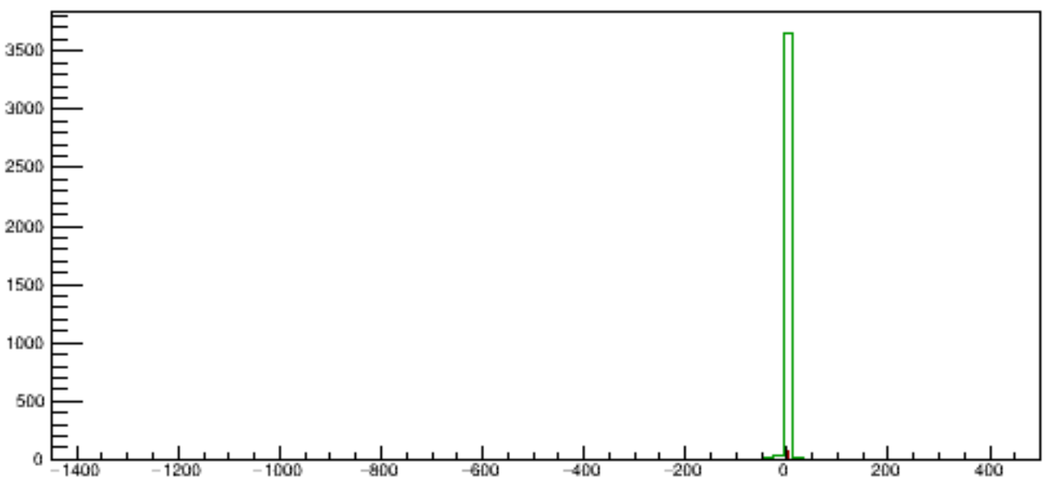
Cycle 13, Sums

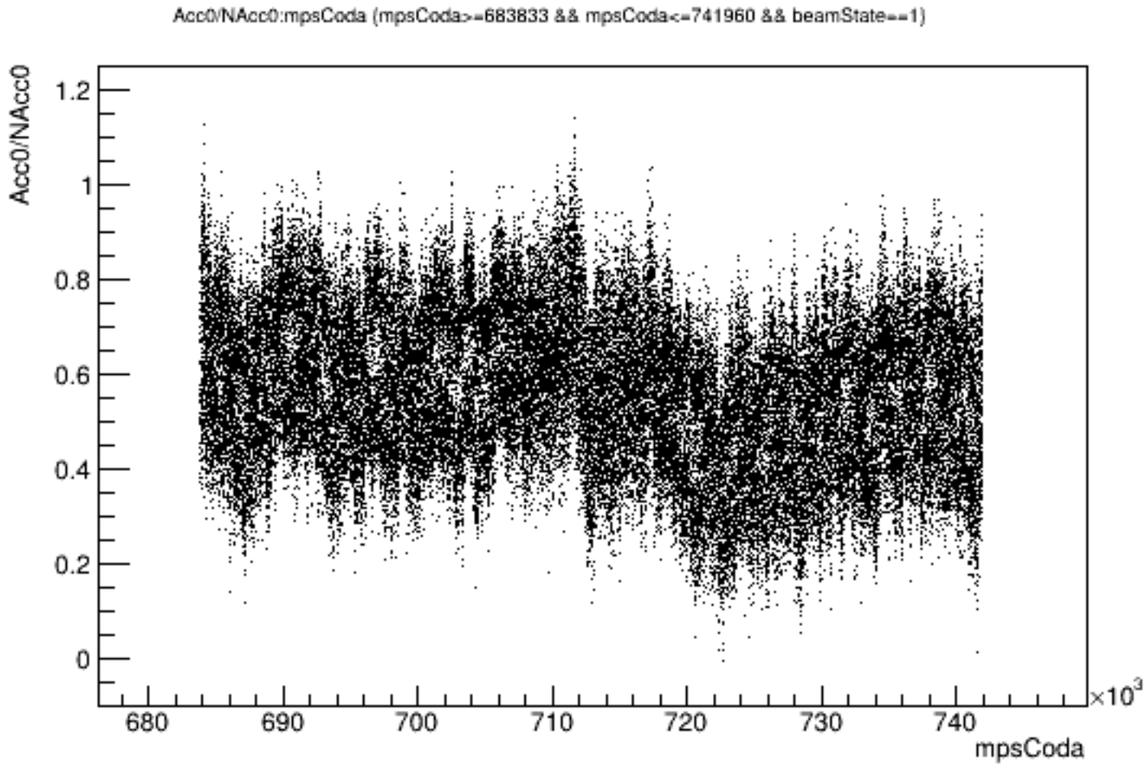
Entries: 990	Entries: 3730	Entries: 2301
Mean: 1.2251 +/- 0.0048	Mean: 1.1698 +/- 0.0027	Mean: 1.0141 +/- 0.0034
Std Dev: 0.1502 +/- 0.0034	Std Dev: 0.1660 +/- 0.0019	Std Dev: 0.1641 +/- 0.0024

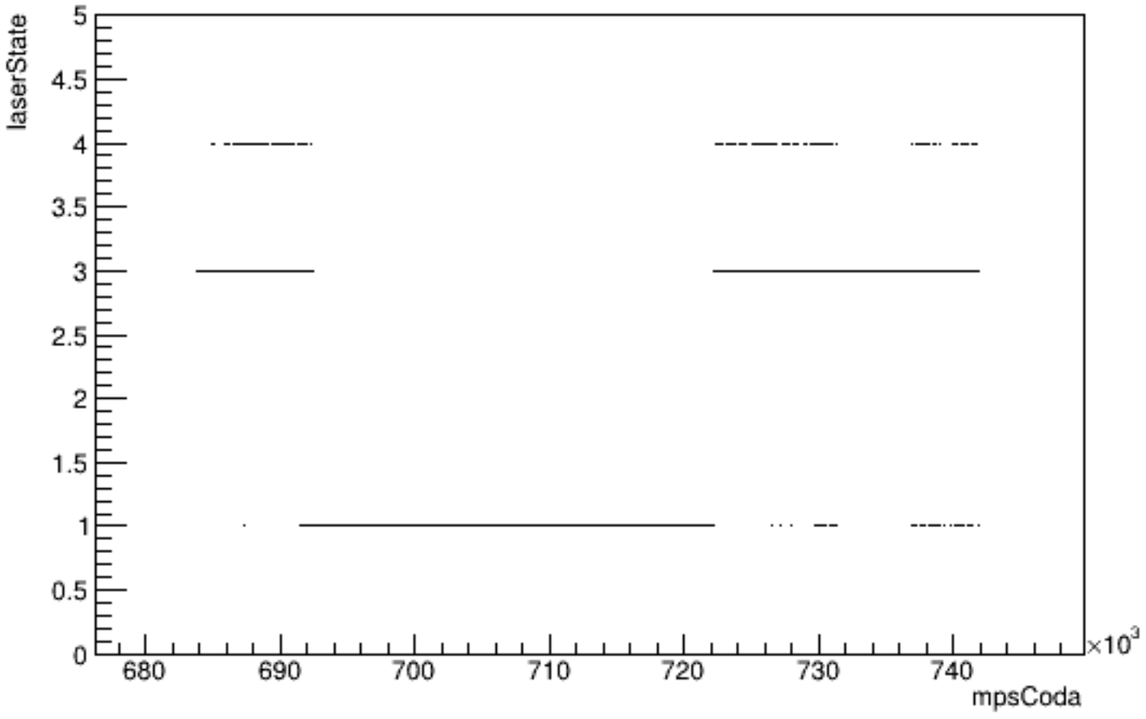


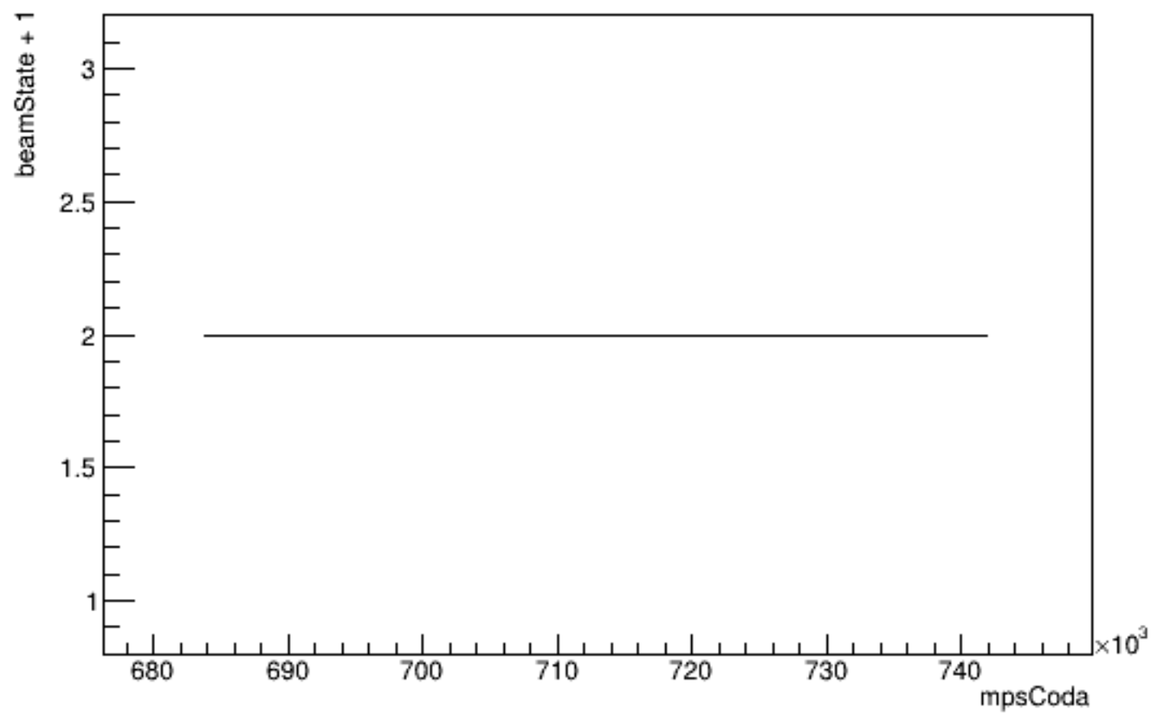
Cycle 13, Asyms

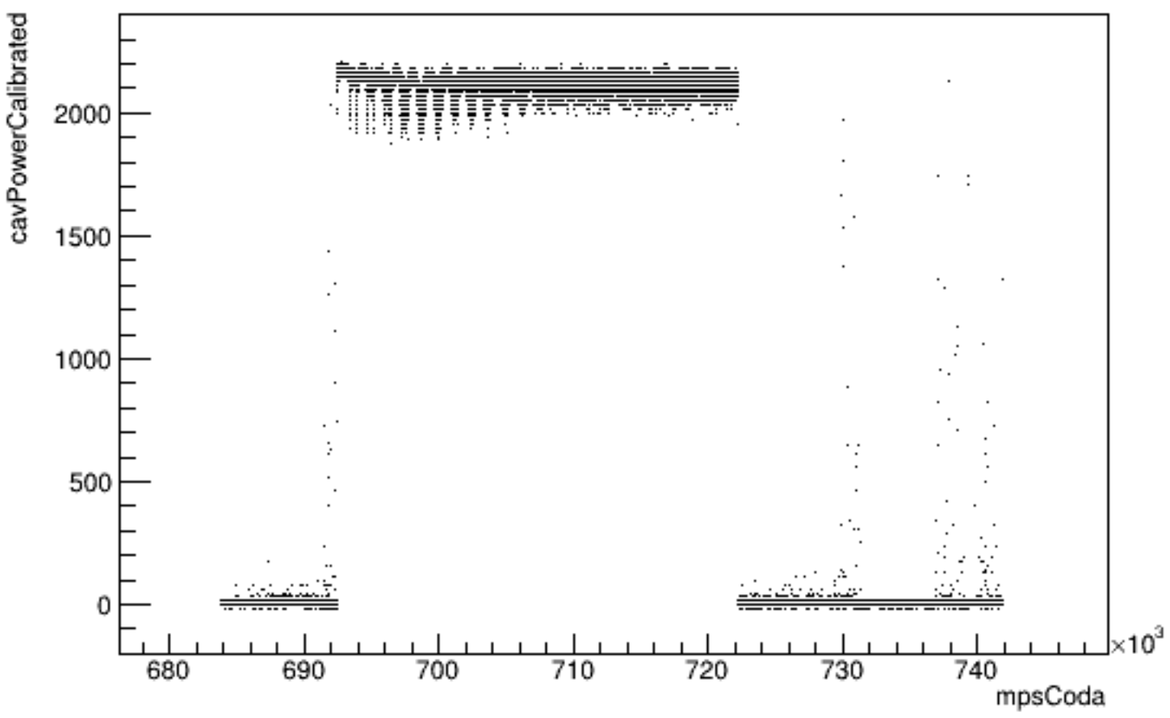
Entries: 990	Entries: 3730	Entries: 2301
Mean: 0.0345 +/- 0.0281	Mean: -0.1691 +/- 0.3888	Mean: -0.0012 +/- 0.0183
Std Dev: 0.8838 +/- 0.0199	Std Dev: 23.7469 +/- 0.2749	Std Dev: 0.8793 +/- 0.0130

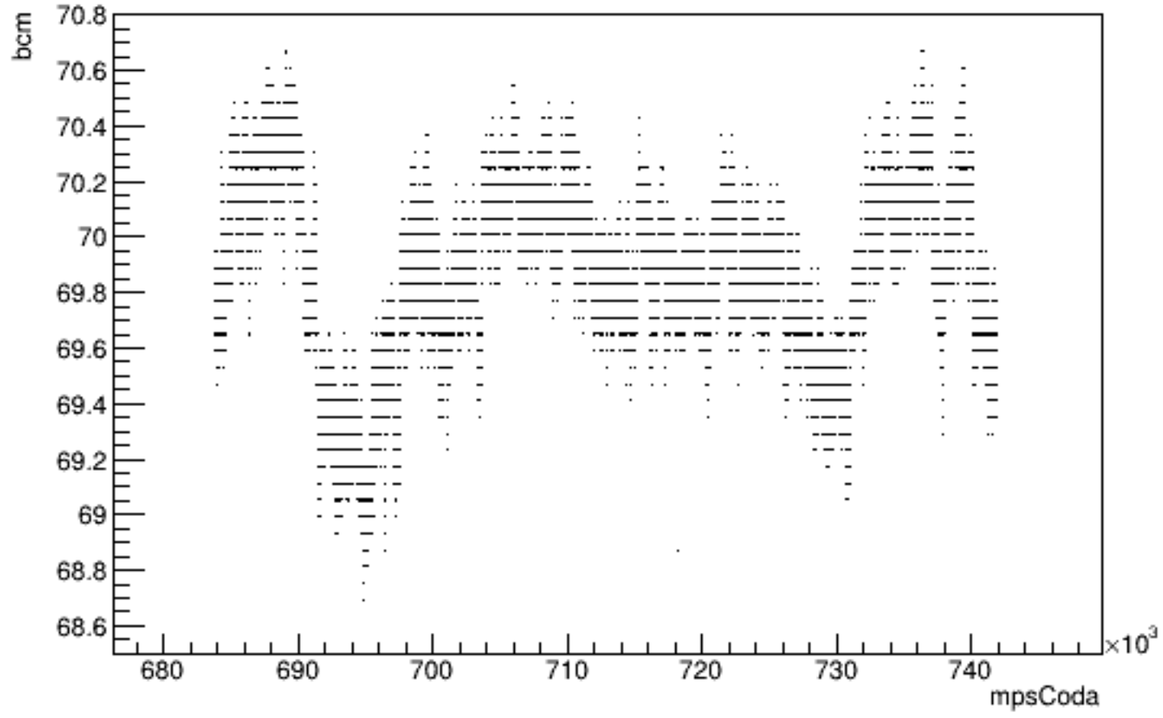





laserState:mpsCoda {mpsCoda>=683833 && mpsCoda<=741960}
laserState
mpsCoda
×10^3

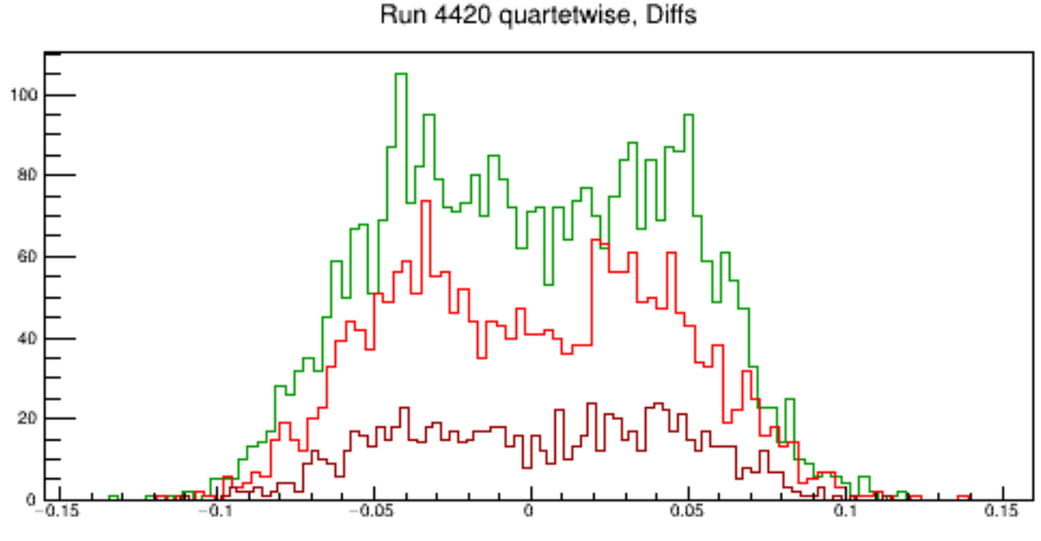

beamState + 1:mpsCoda {mpsCoda>=683833 && mpsCoda<=741960}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=683833 && mpsCoda<=741960}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=683833 && mpsCoda<=741960}
bcm
mpsCoda
×10^3

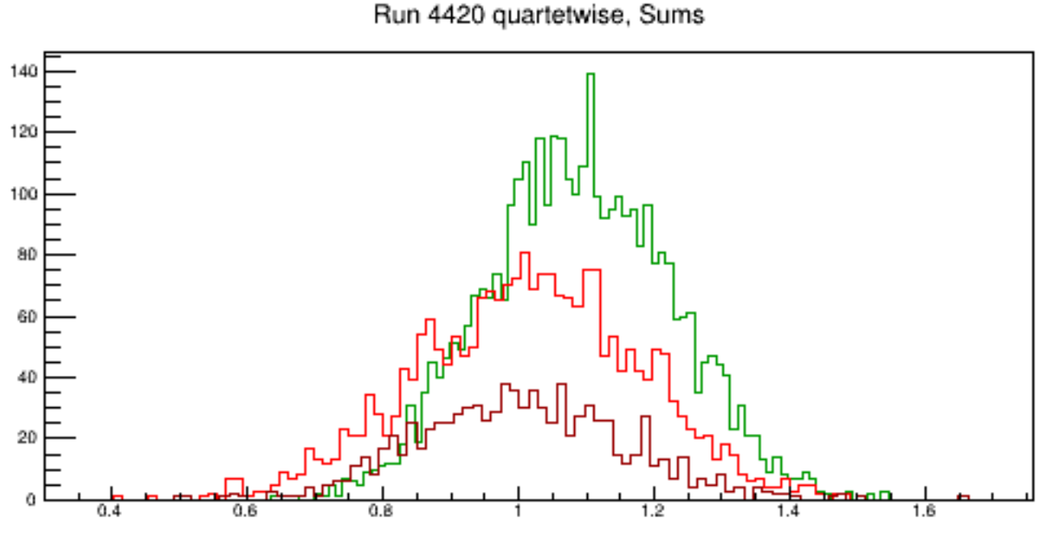
Cycle 14, Diffs

Entries: 2301	Entries: 3684	Entries: 905
Mean: -0.0001 +/- 0.0009	Mean: -0.0001 +/- 0.0007	Mean: 0.0018 +/- 0.0015
Std Dev: 0.0442 +/- 0.0007	Std Dev: 0.0445 +/- 0.0005	Std Dev: 0.0439 +/- 0.0010



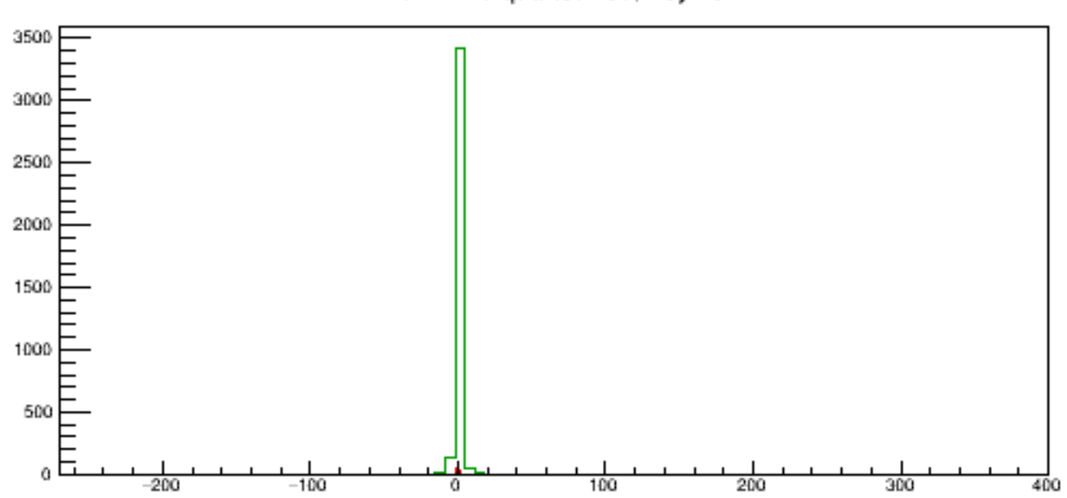
Cycle 14, Sums

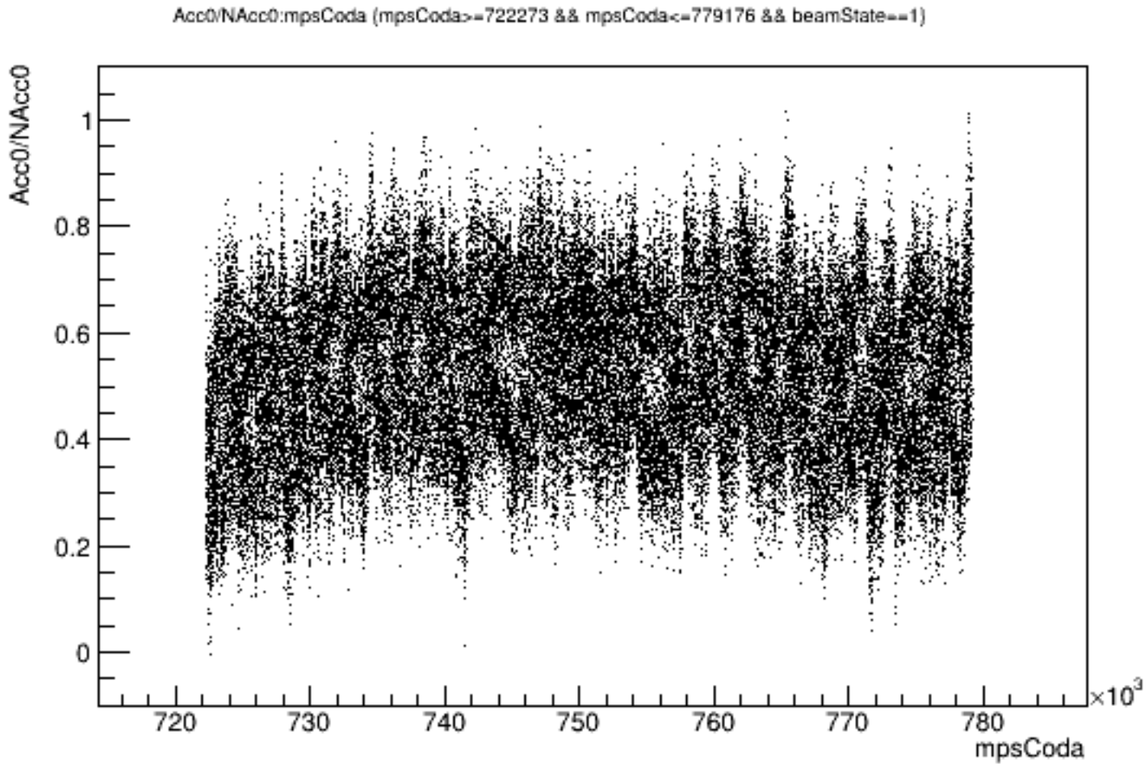
Entries: 2301	Entries: 3684	Entries: 905
Mean: 1.0141 +/- 0.0034	Mean: 1.0880 +/- 0.0023	Mean: 1.0050 +/- 0.0051
Std Dev: 0.1641 +/- 0.0024	Std Dev: 0.1368 +/- 0.0016	Std Dev: 0.1535 +/- 0.0036

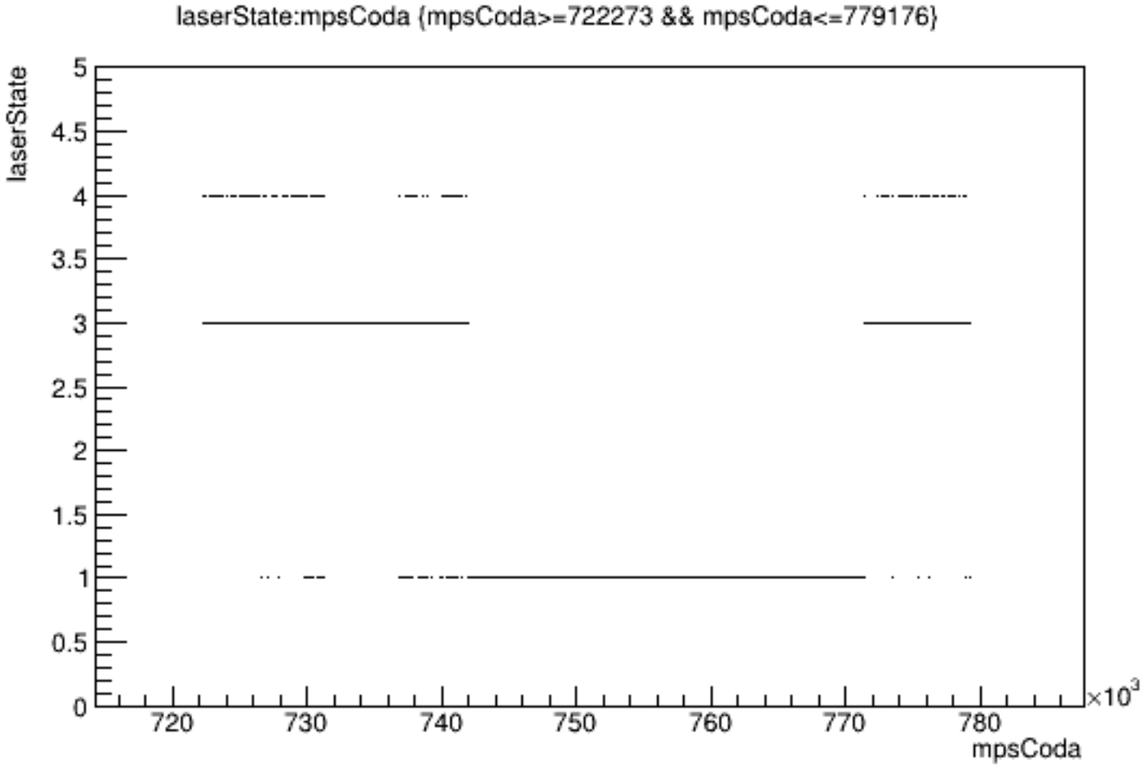


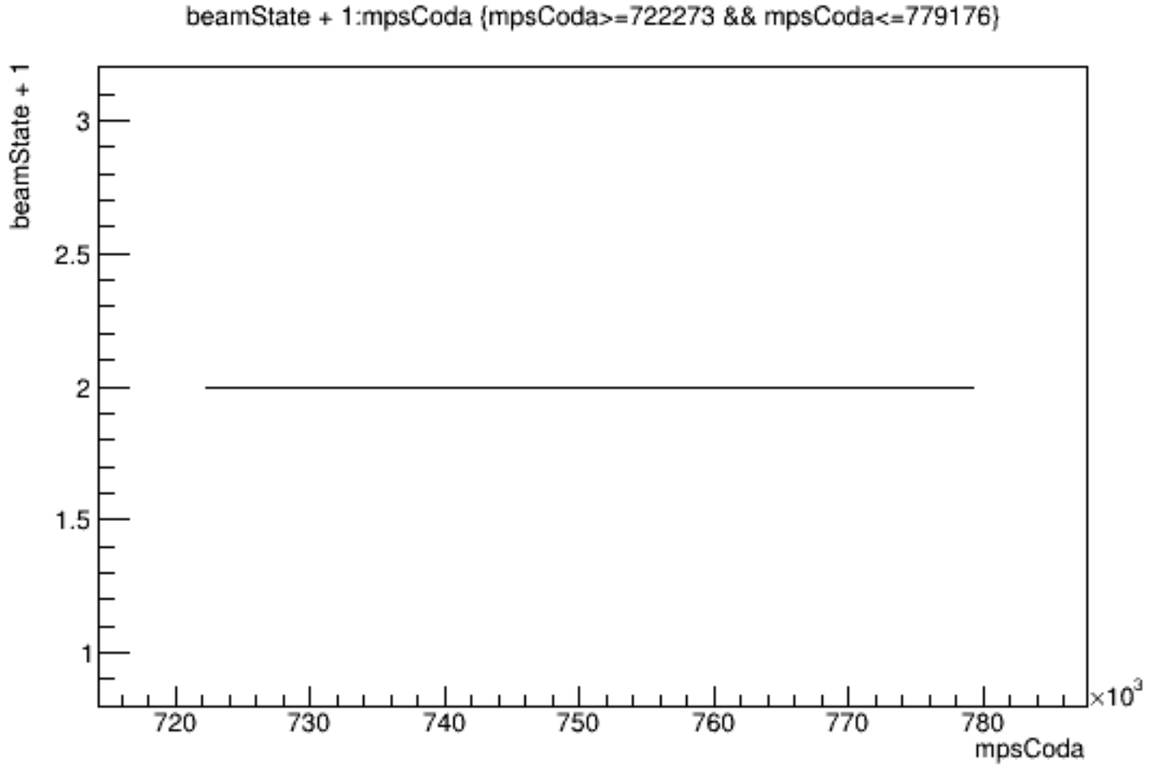
Cycle 14, Asyms

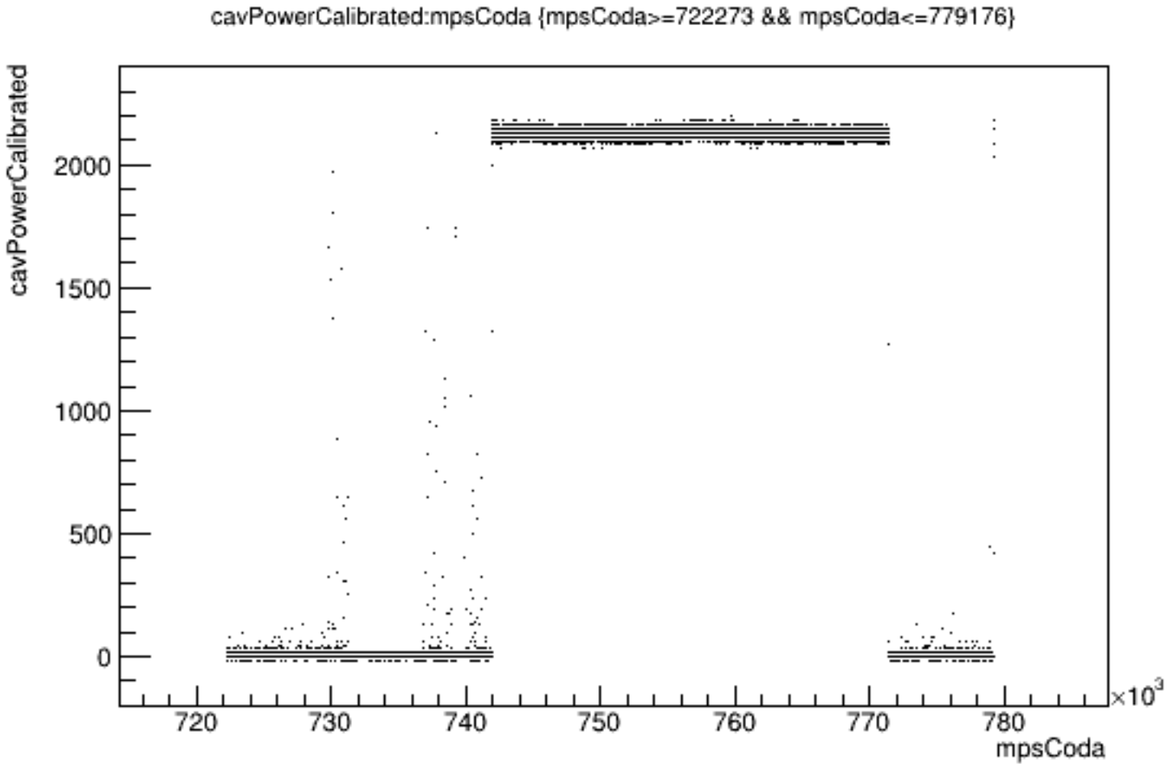
Entries: 2301	Entries: 3684	Entries: 905
Mean: -0.0008 +/- 0.0117	Mean: -0.0130 +/- 0.1656	Mean: 0.0234 +/- 0.0186
Std Dev: 0.5632 +/- 0.0083	Std Dev: 10.0489 +/- 0.1171	Std Dev: 0.5598 +/- 0.0132

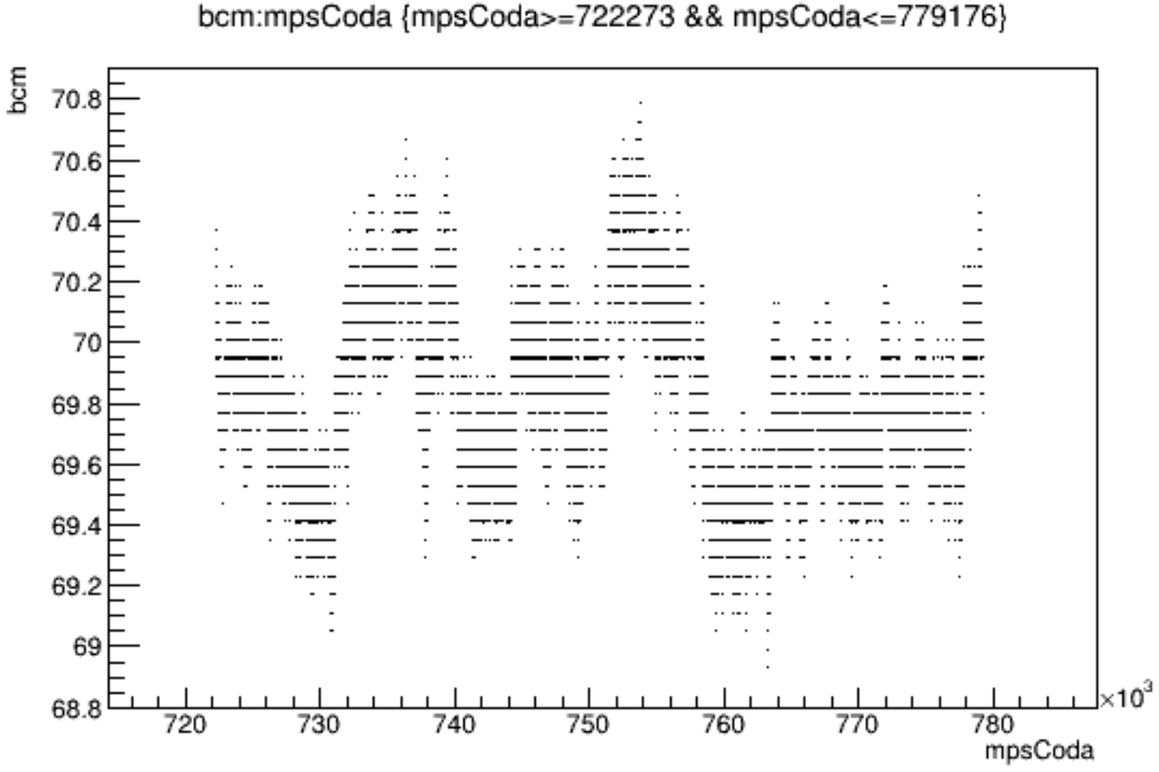





laserState:mpsCoda {mpsCoda>=722273 && mpsCoda<=779176}
laserState
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
720
730
740
750
760
770
780
×10^3
mpsCoda

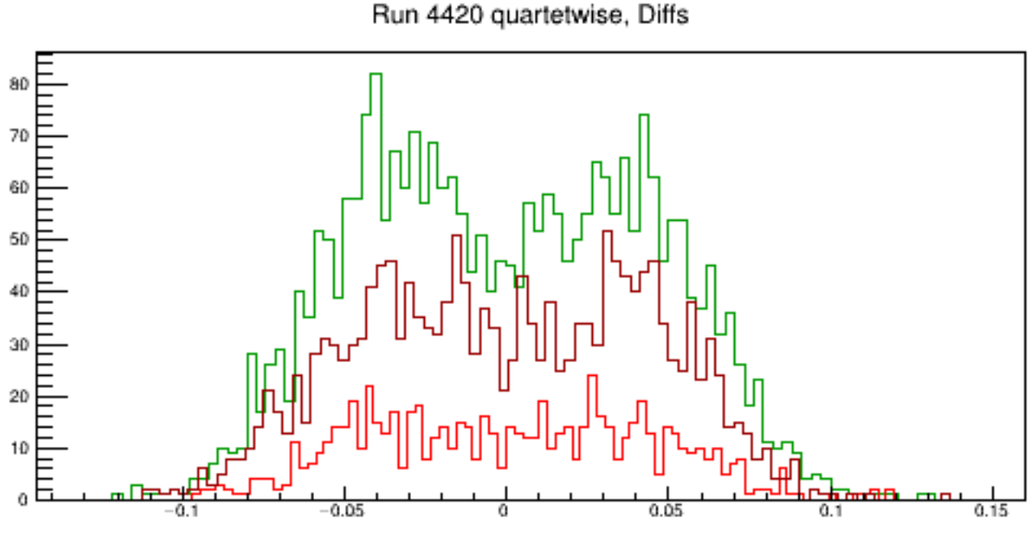

beamState + 1:mpsCoda {mpsCoda>=722273 && mpsCoda<=779176}
beamState + 1
3
2.5
2
1.5
1
720
730
740
750
760
770
780
×10^3
mpsCoda


cavPowerCalibrated:mpsCoda {mpsCoda>=722273 && mpsCoda<=779176}
cavPowerCalibrated
2000
1500
1000
500
0
720
730
740
750
760
770
780
×10^3
mpsCoda


bcm:mpsCoda {mpsCoda>=722273 && mpsCoda<=779176}
bcm
70.8
70.6
70.4
70.2
70
69.8
69.6
69.4
69.2
69
68.8
720
730
740
750
760
770
780
×10^3
mpsCoda

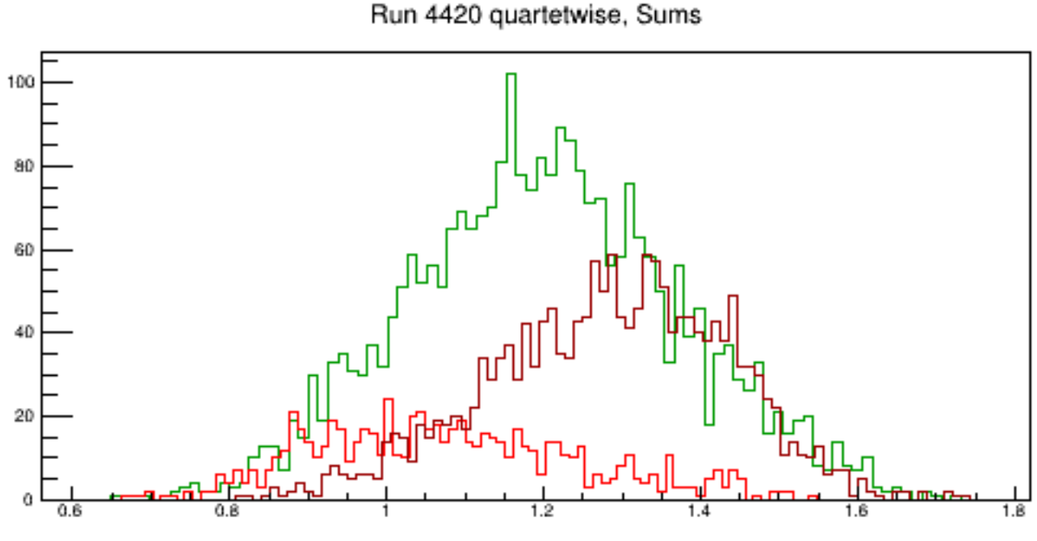
Cycle 15, Diffs

Entries: 724	Entries: 2768	Entries: 1761
Mean: 0.0007 +/- 0.0016	Mean: -0.0003 +/- 0.0009	Mean: -0.0001 +/- 0.0010
Std Dev: 0.0432 +/- 0.0011	Std Dev: 0.0447 +/- 0.0006	Std Dev: 0.0440 +/- 0.0007



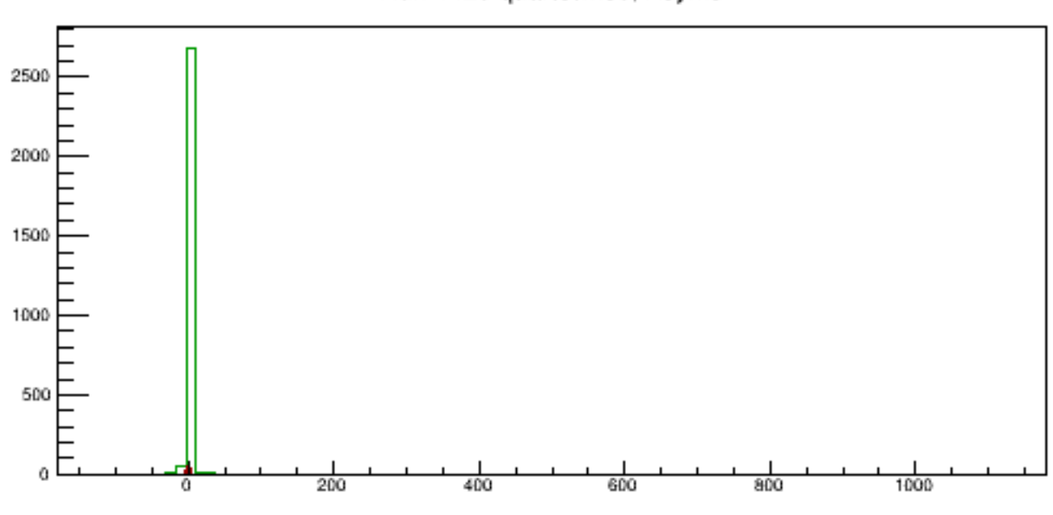
Cycle 15, Sums

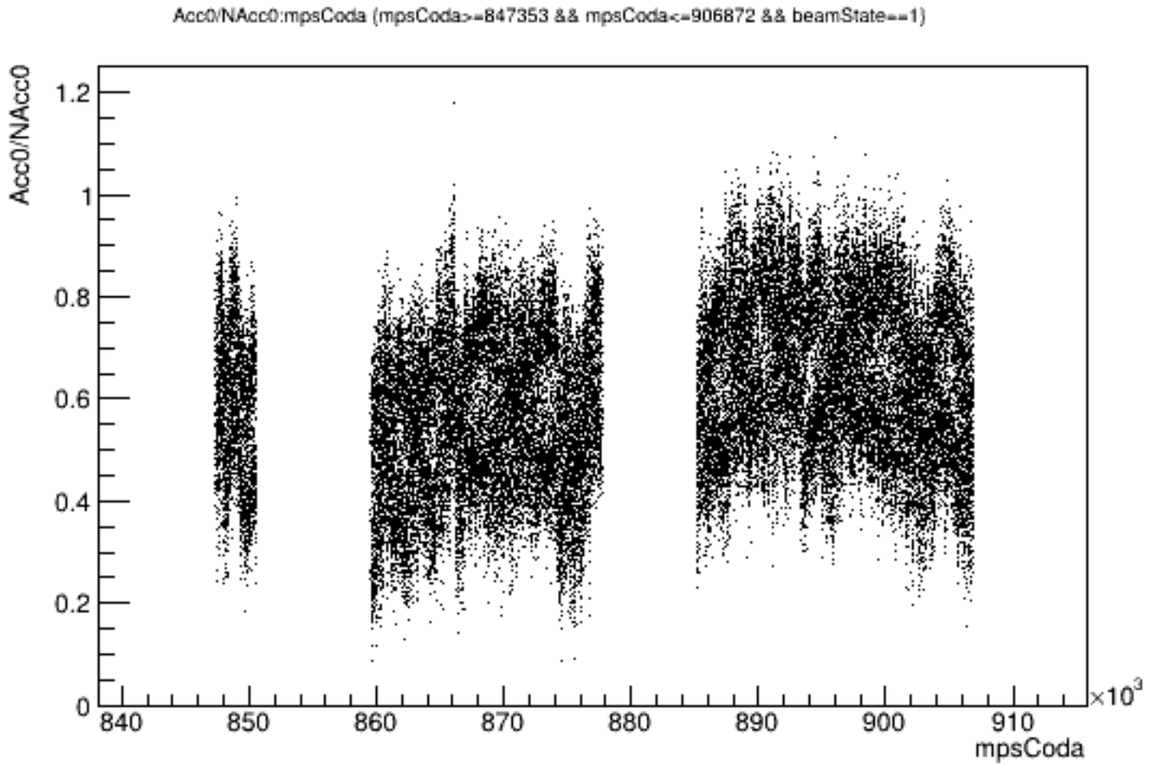
Entries: 724	Entries: 2768	Entries: 1761
Mean: 1.0776 +/- 0.0063	Mean: 1.1991 +/- 0.0033	Mean: 1.2831 +/- 0.0036
Std Dev: 0.1700 +/- 0.0045	Std Dev: 0.1733 +/- 0.0023	Std Dev: 0.1508 +/- 0.0025

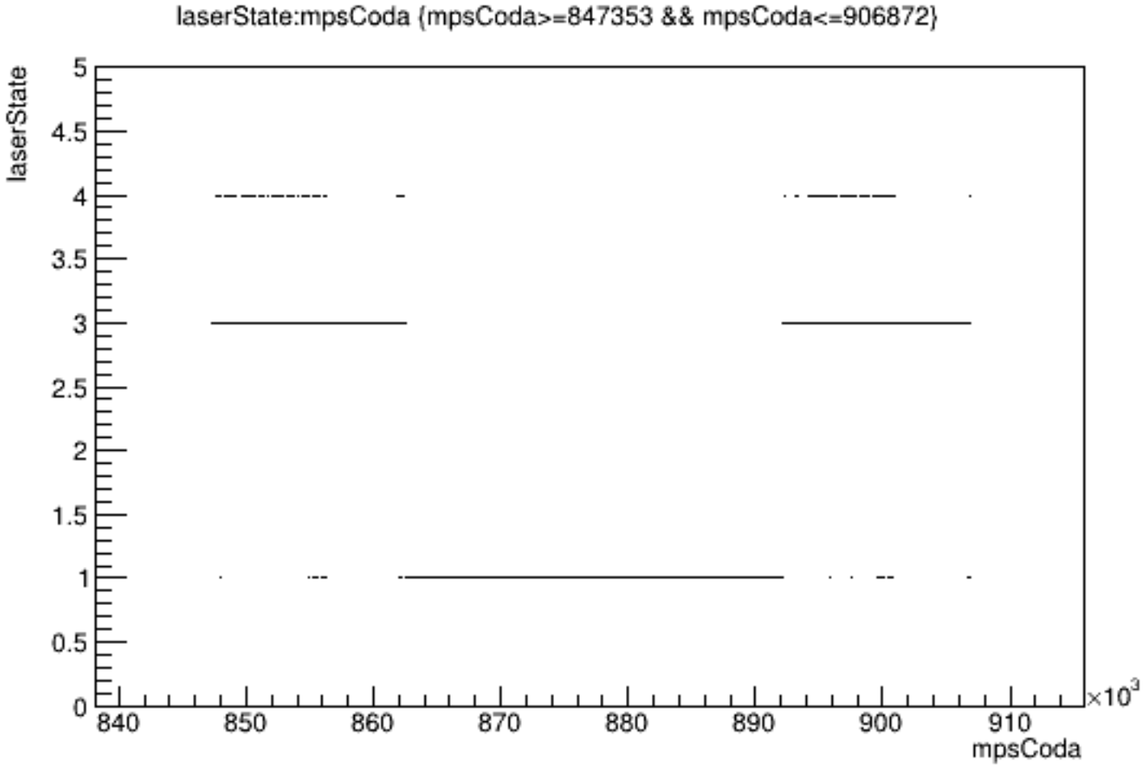


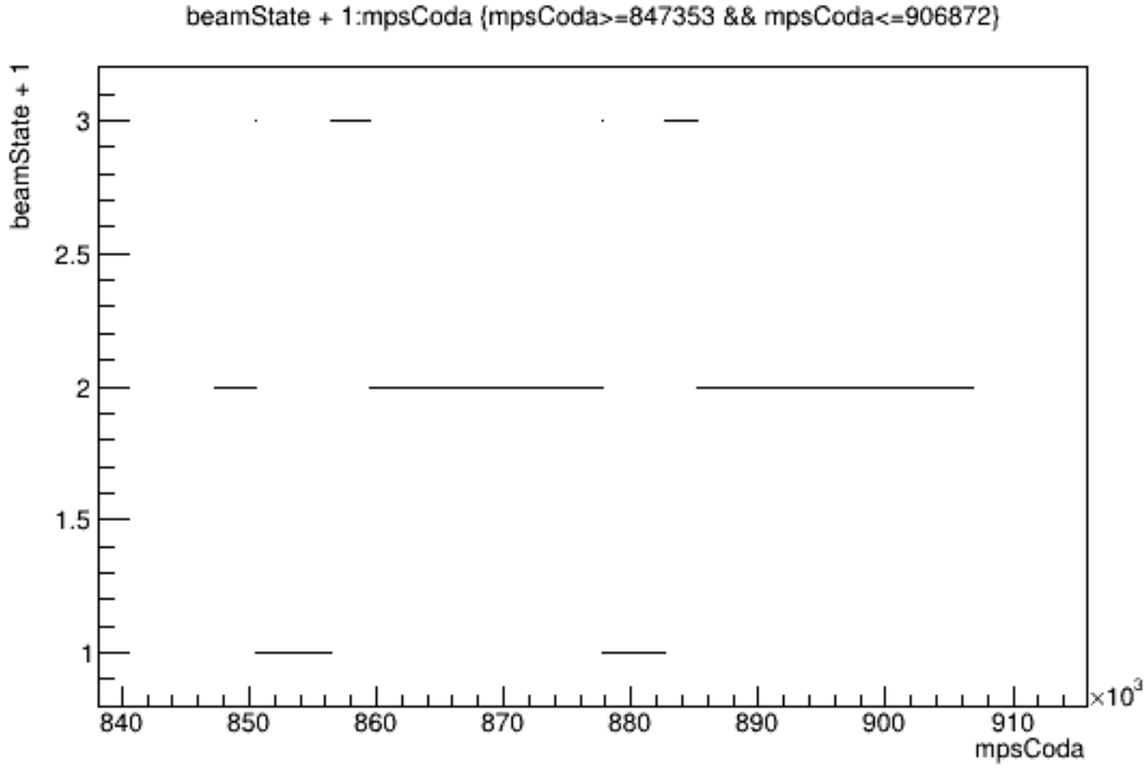
Cycle 15, Asyms

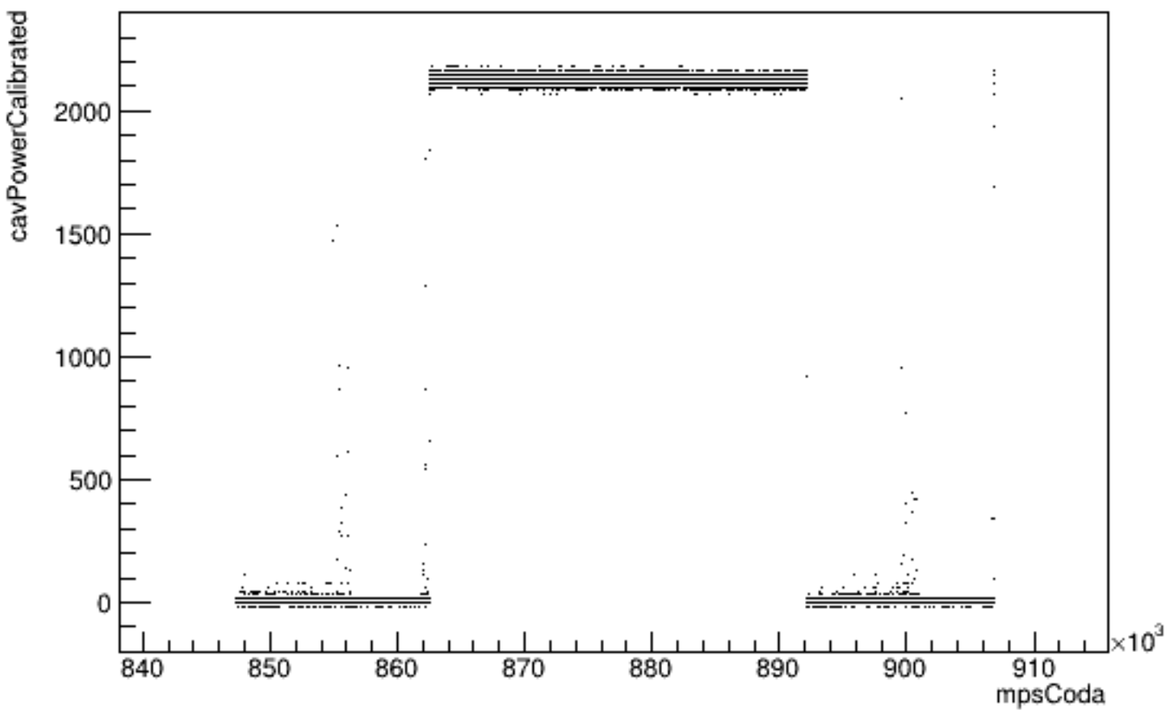
Entries: 724	Entries: 2768	Entries: 1761
Mean: 0.0366 +/- 0.0854	Mean: 0.6962 +/- 0.4702	Mean: -0.0069 +/- 0.0558
Std Dev: 2.2975 +/- 0.0604	Std Dev: 24.7399 +/- 0.3325	Std Dev: 2.3410 +/- 0.0394

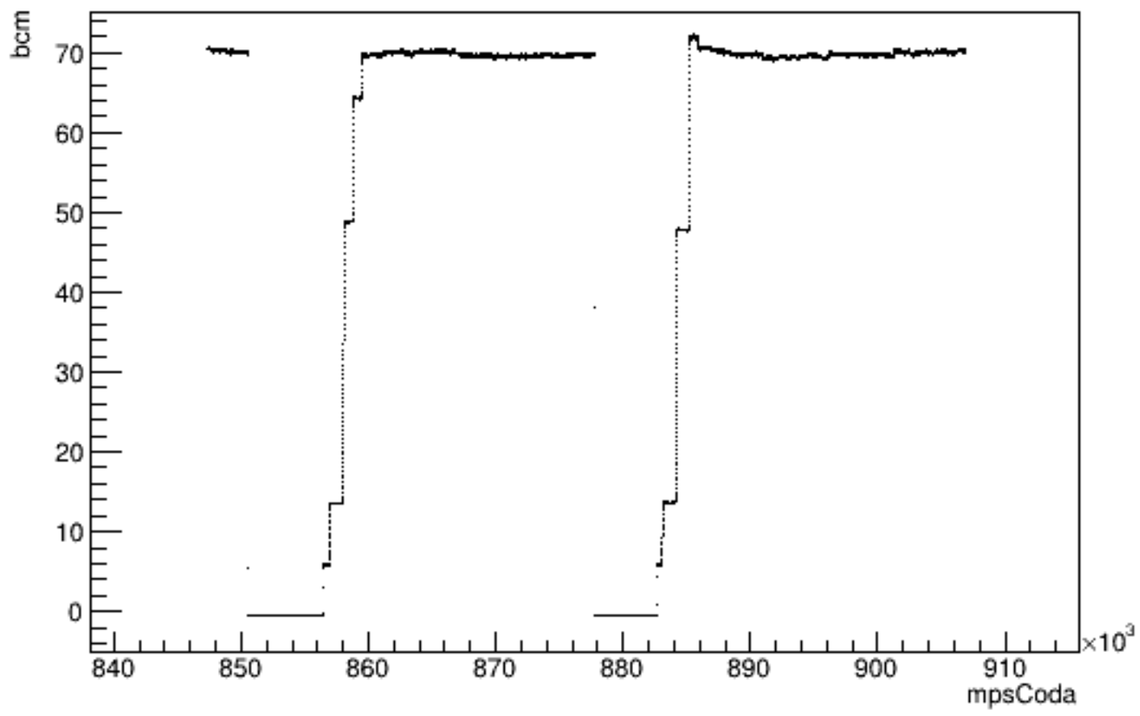





laserState:mpsCoda {mpsCoda>=847353 && mpsCoda<=906872}
laserState
mpsCoda
×10^3

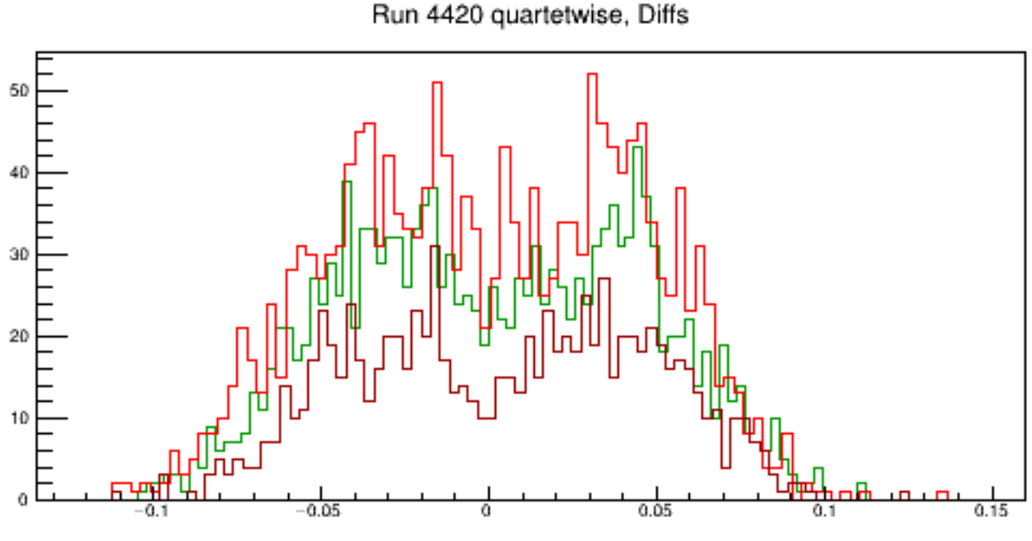

beamState + 1:mpsCoda {mpsCoda>=847353 && mpsCoda<=906872}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=847353 && mpsCoda<=906872}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=847353 && mpsCoda<=906872}
bcm
mpsCoda
×10^3

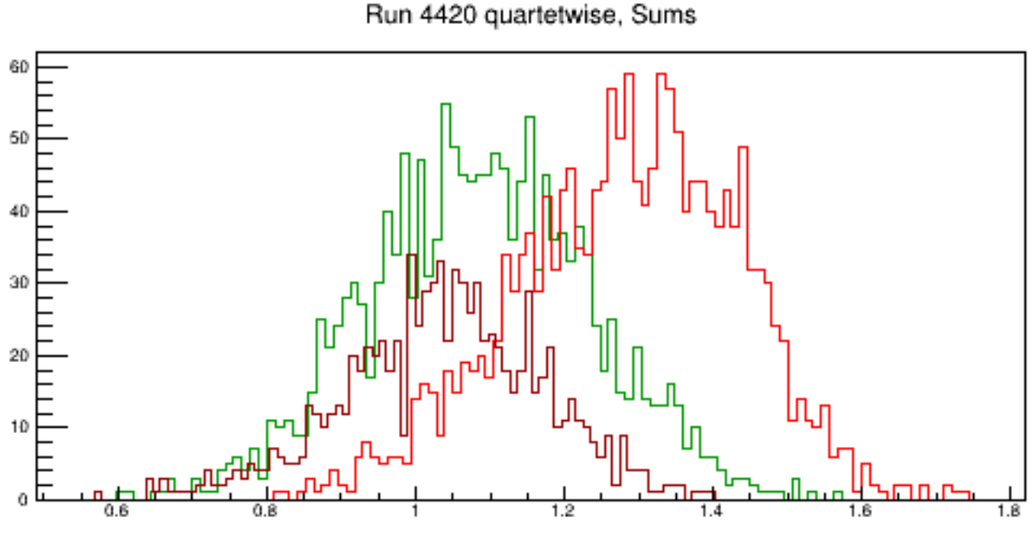
Cycle 16, Diffs

Entries: 1761	Entries: 1576	Entries: 898
Mean: -0.0001 +/- 0.0010	Mean: 0.0014 +/- 0.0011	Mean: 0.0040 +/- 0.0014
Std Dev: 0.0440 +/- 0.0007	Std Dev: 0.0440 +/- 0.0008	Std Dev: 0.0428 +/- 0.0010



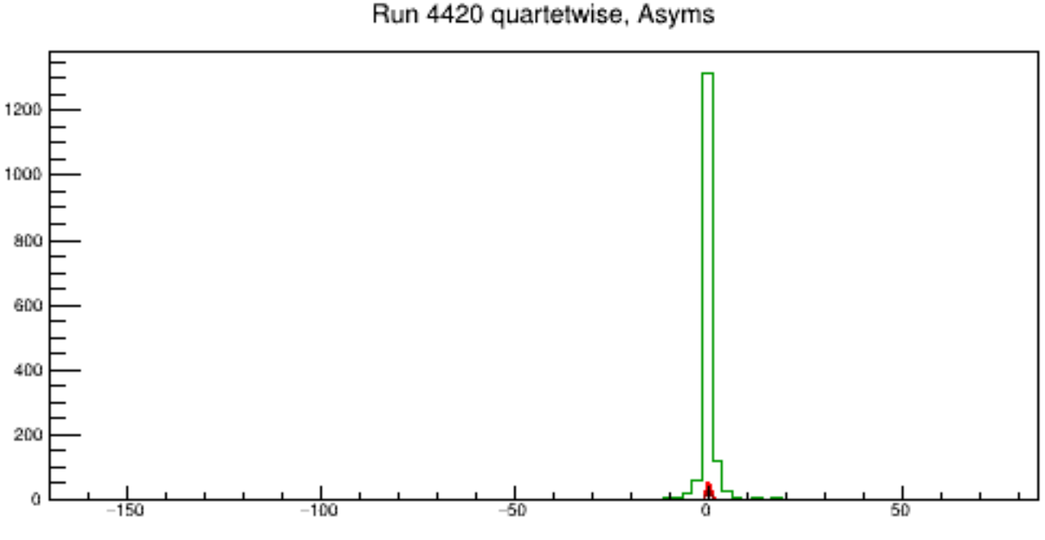
Cycle 16, Sums

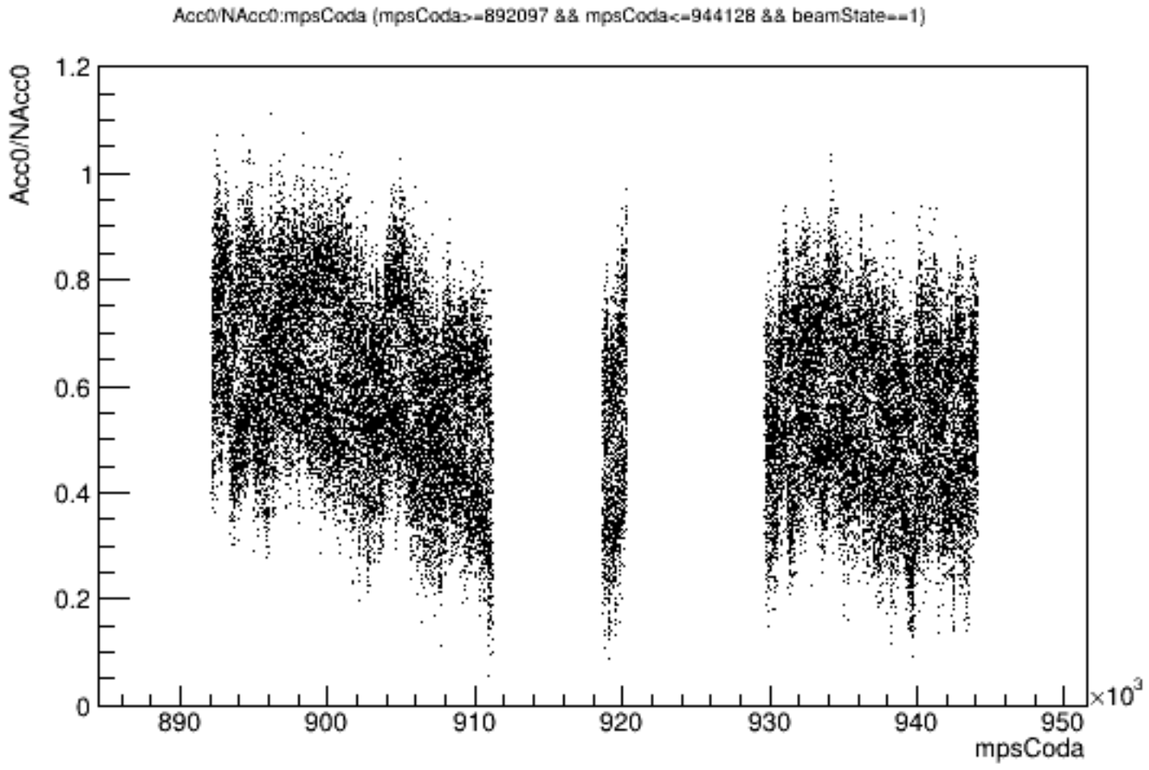
Entries: 1761	Entries: 1576	Entries: 898
Mean: 1.2831 +/- 0.0036	Mean: 1.0847 +/- 0.0038	Mean: 1.0366 +/- 0.0045
Std Dev: 0.1508 +/- 0.0025	Std Dev: 0.1505 +/- 0.0027	Std Dev: 0.1344 +/- 0.0032

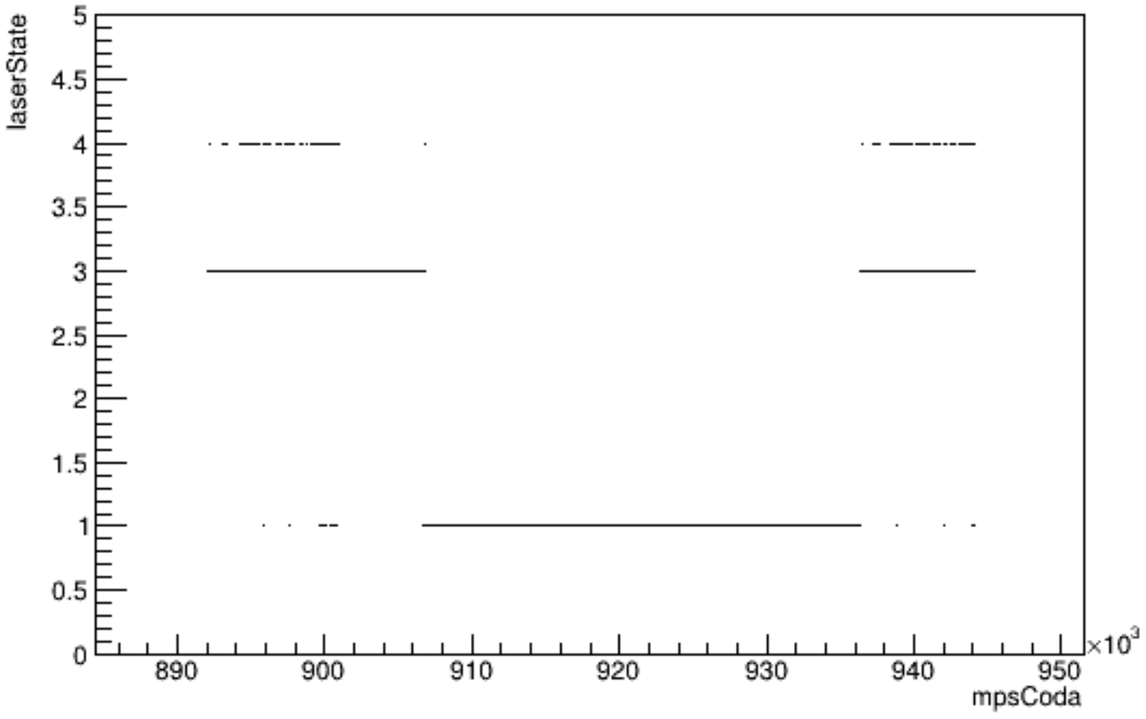


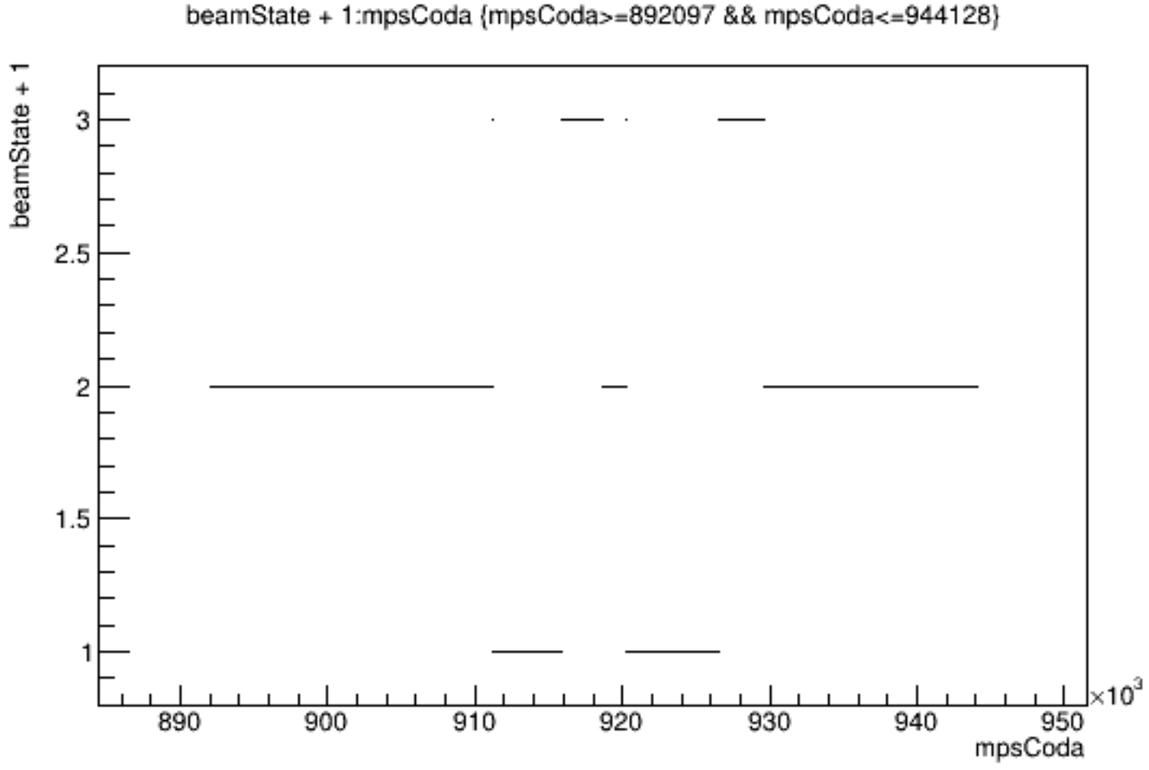
Cycle 16, Asyms

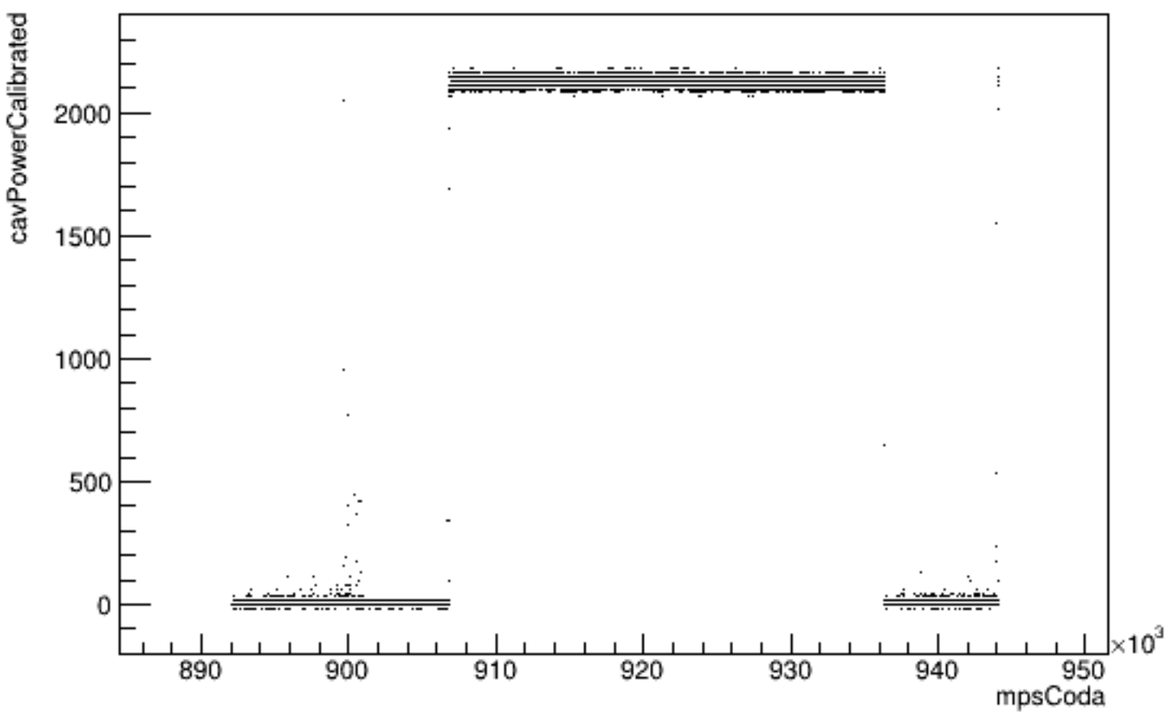
Entries: 1761	Entries: 1576	Entries: 898
Mean: 0.0017 +/- 0.0140	Mean: -0.0889 +/- 0.1414	Mean: -0.0530 +/- 0.0190
Std Dev: 0.5859 +/- 0.0099	Std Dev: 5.6144 +/- 0.1000	Std Dev: 0.5701 +/- 0.0135

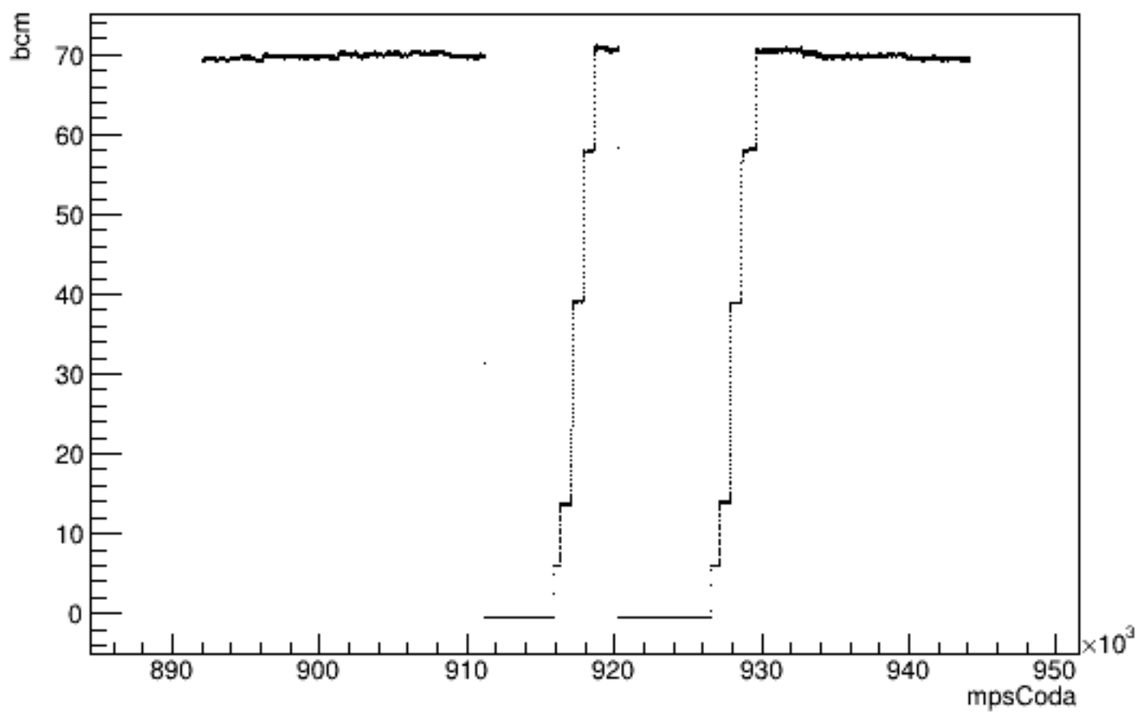





laserState:mpsCoda {mpsCoda>=892097 && mpsCoda<=944128}
laserState
mpsCoda
×10^3

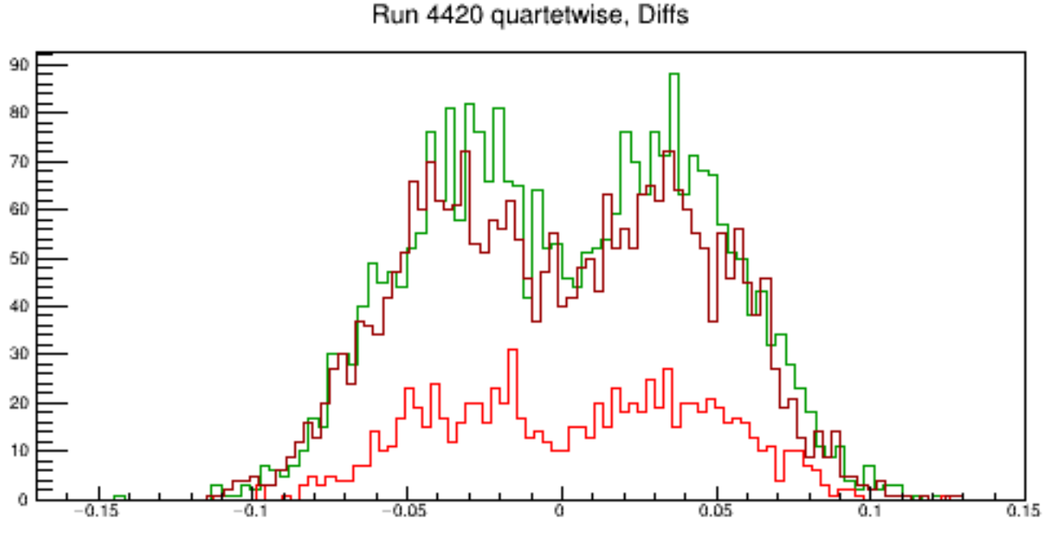

beamState + 1:mpsCoda {mpsCoda>=892097 && mpsCoda<=944128}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=892097 && mpsCoda<=944128}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=892097 && mpsCoda<=944128}
bcm
mpsCoda
×10^3

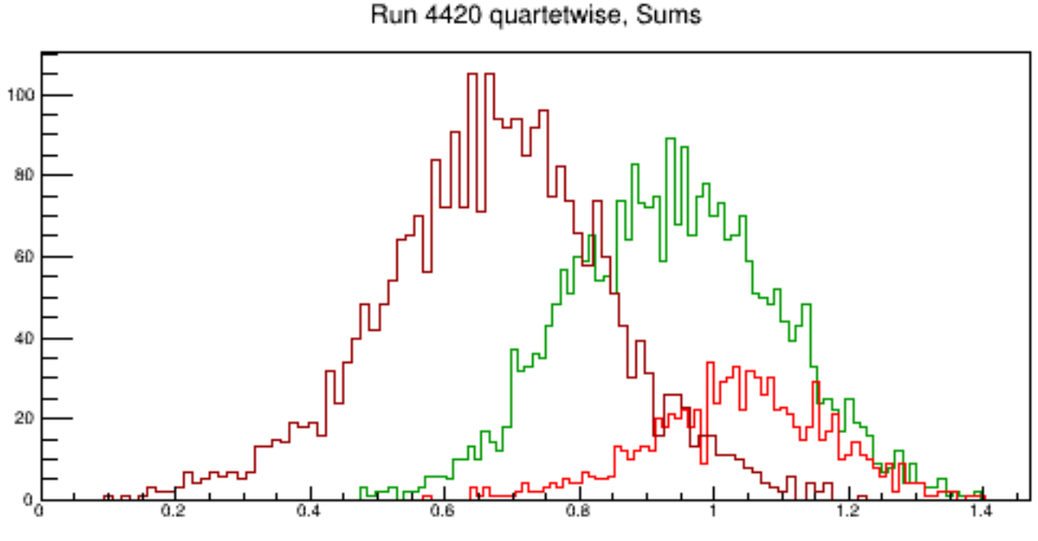
Cycle 17, Diffs

Entries: 898	Entries: 2869	Entries: 2810
Mean: 0.0040 +/- 0.0014	Mean: 0.0013 +/- 0.0008	Mean: -0.0002 +/- 0.0008
Std Dev: 0.0428 +/- 0.0010	Std Dev: 0.0443 +/- 0.0006	Std Dev: 0.0449 +/- 0.0006



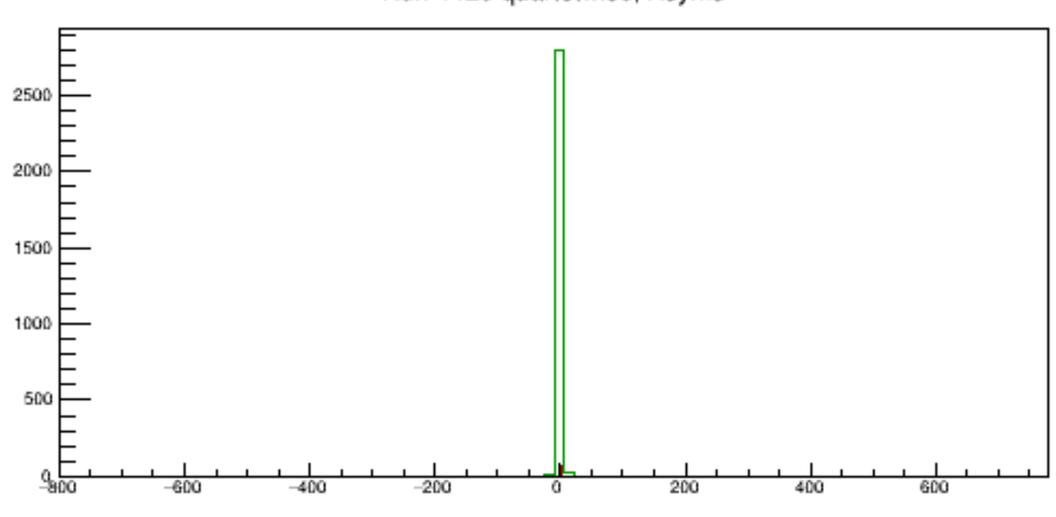
Cycle 17, Sums

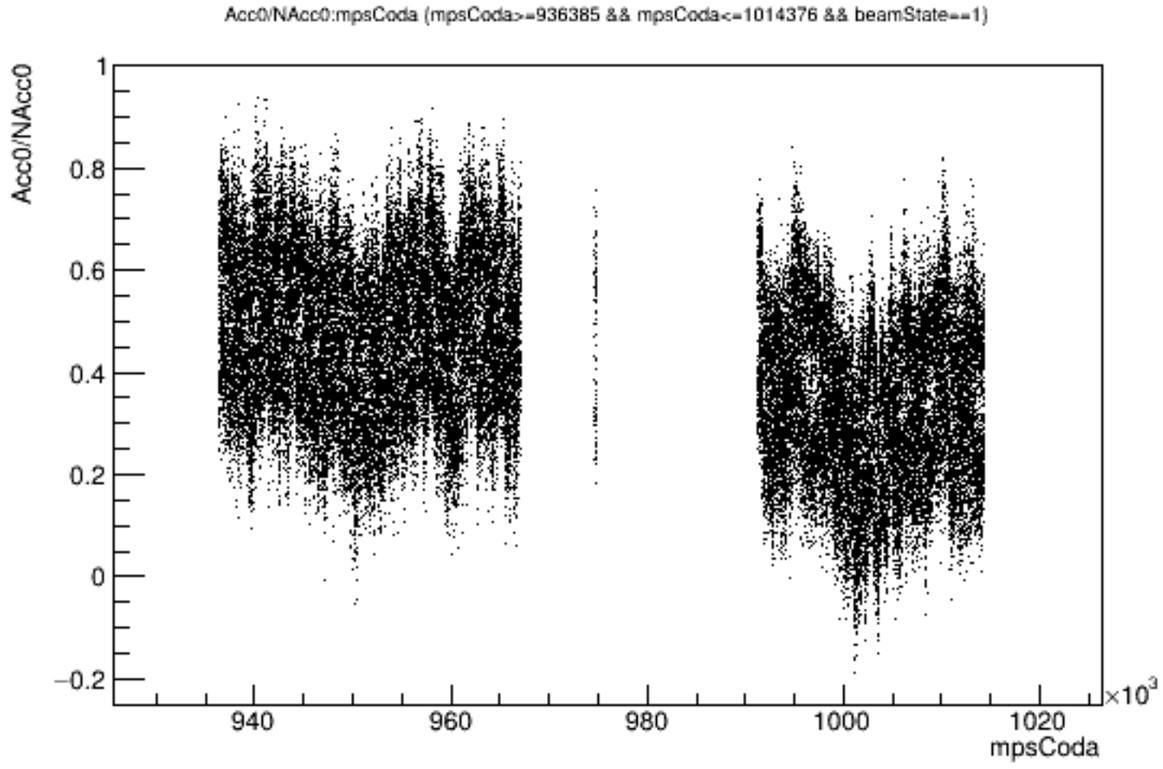
Entries: 898	Entries: 2869	Entries: 2810
Mean: 1.0366 +/- 0.0045	Mean: 0.9388 +/- 0.0029	Mean: 0.6749 +/- 0.0032
Std Dev: 0.1344 +/- 0.0032	Std Dev: 0.1541 +/- 0.0020	Std Dev: 0.1680 +/- 0.0022

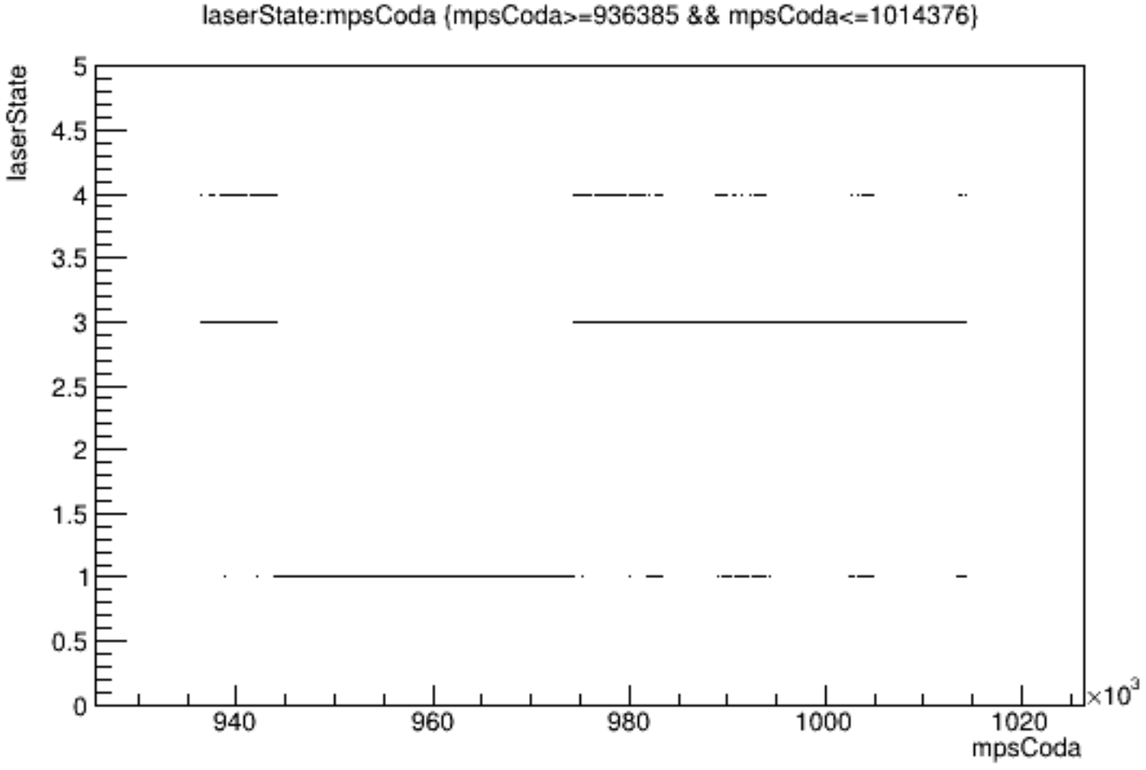


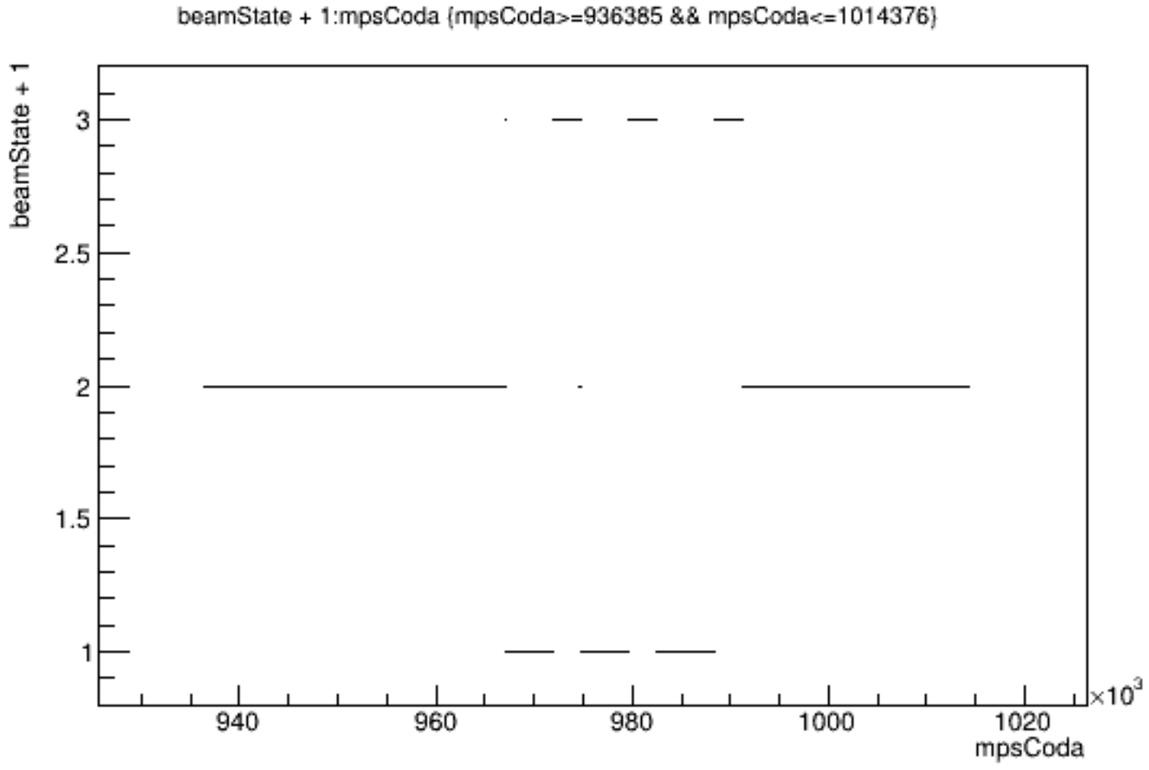
Cycle 17, Asyms

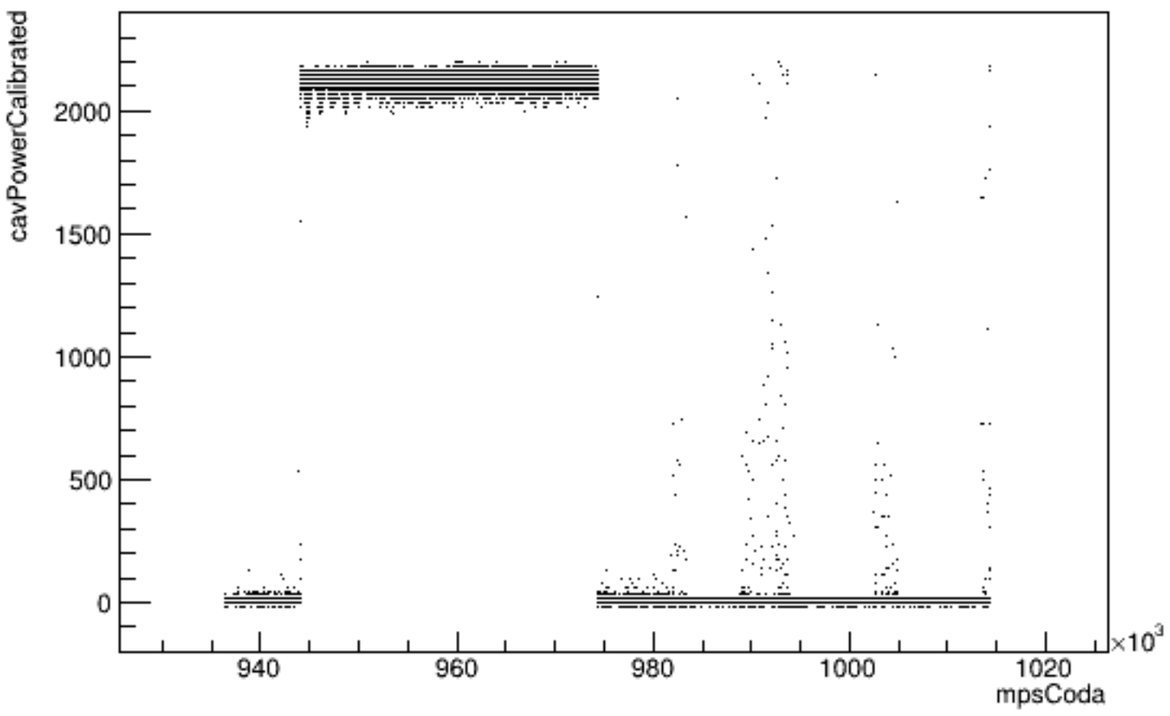
Entries: 898	Entries: 2869	Entries: 2810
Mean: 0.0479 +/- 0.0172	Mean: -0.2560 +/- 0.3746	Mean: -0.0025 +/- 0.0102
Std Dev: 0.5156 +/- 0.0122	Std Dev: 20.0627 +/- 0.2649	Std Dev: 0.5411 +/- 0.0072

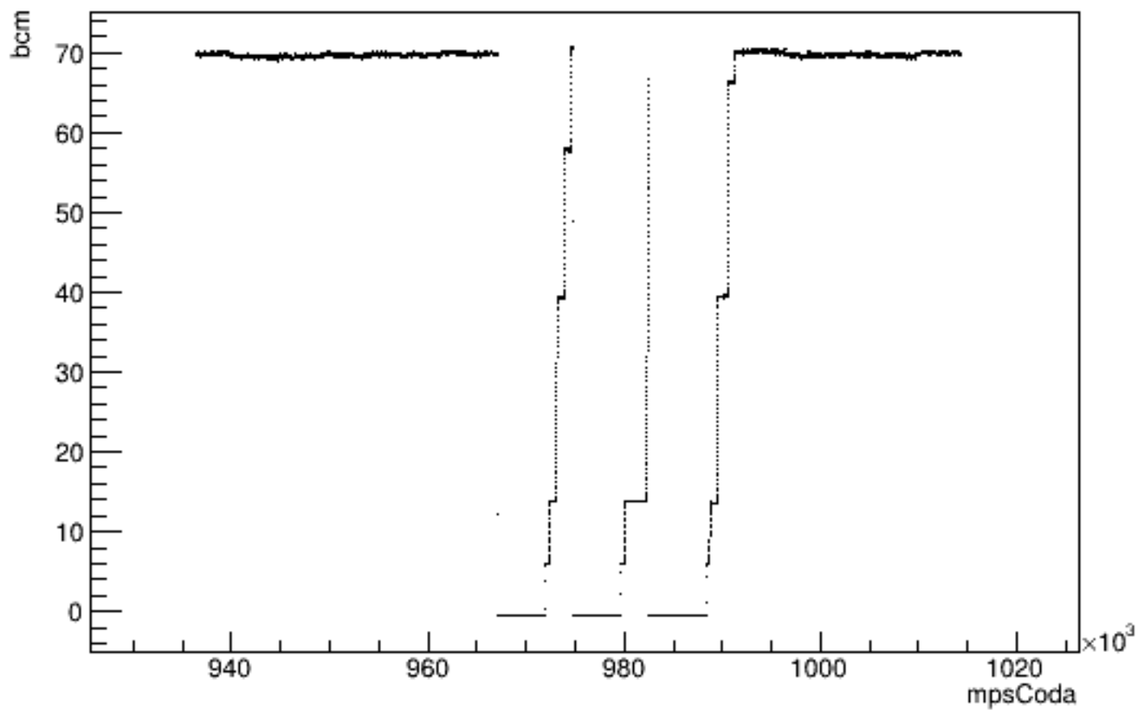





laserState:mpsCoda {mpsCoda>=936385 && mpsCoda<=1014376}
laserState
mpsCoda
×10^3

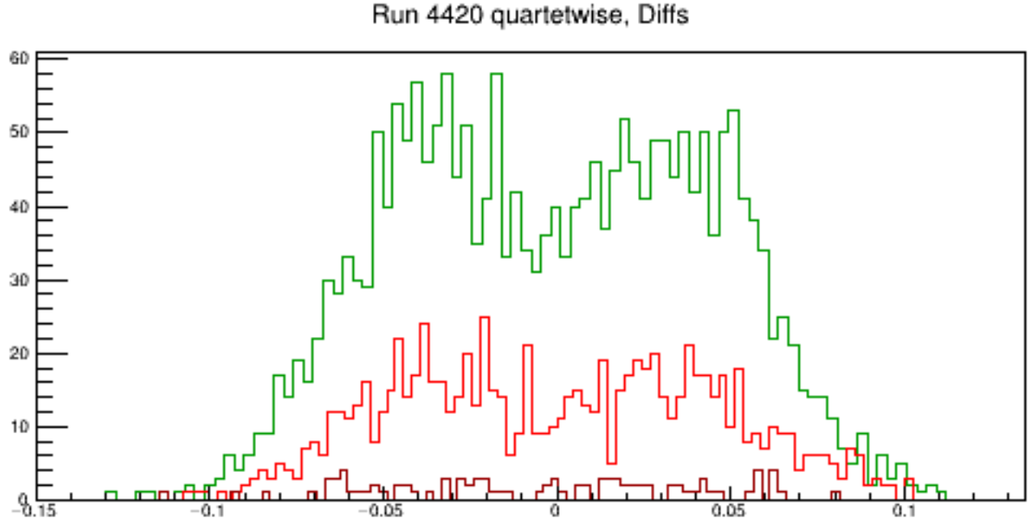

beamState + 1:mpsCoda {mpsCoda>=936385 && mpsCoda<=1014376}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=936385 && mpsCoda<=1014376}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=936385 && mpsCoda<=1014376}
bcm
mpsCoda
×10^3

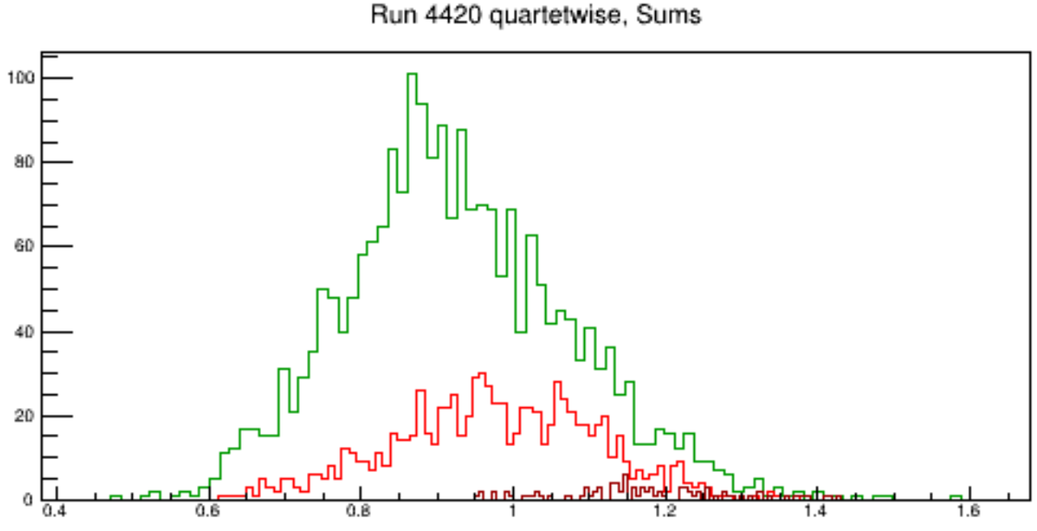
Cycle 18, Diffs

Entries: 873	Entries: 2215	Entries: 93
Mean: 0.0001 +/- 0.0015	Mean: -0.0010 +/- 0.0009	Mean: -0.0057 +/- 0.0045
Std Dev: 0.0451 +/- 0.0011	Std Dev: 0.0444 +/- 0.0007	Std Dev: 0.0435 +/- 0.0032



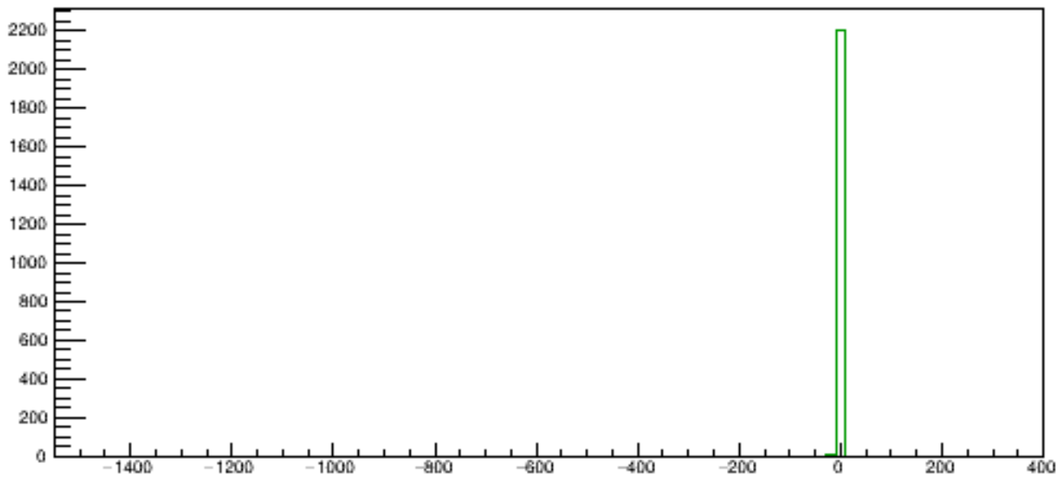
Cycle 18, Sums

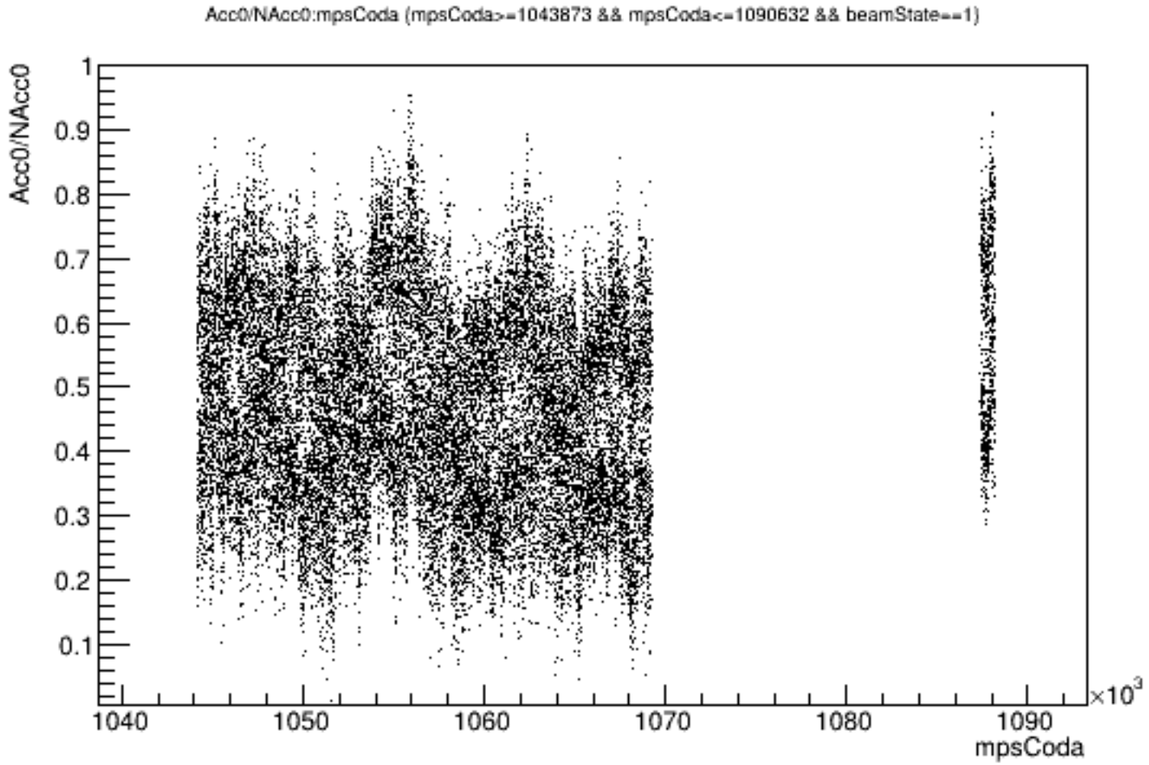
Entries: 873	Entries: 2215	Entries: 93
Mean: 0.9760 +/- 0.0045	Mean: 0.9263 +/- 0.0032	Mean: 1.1756 +/- 0.0118
Std Dev: 0.1335 +/- 0.0032	Std Dev: 0.1483 +/- 0.0022	Std Dev: 0.1140 +/- 0.0084

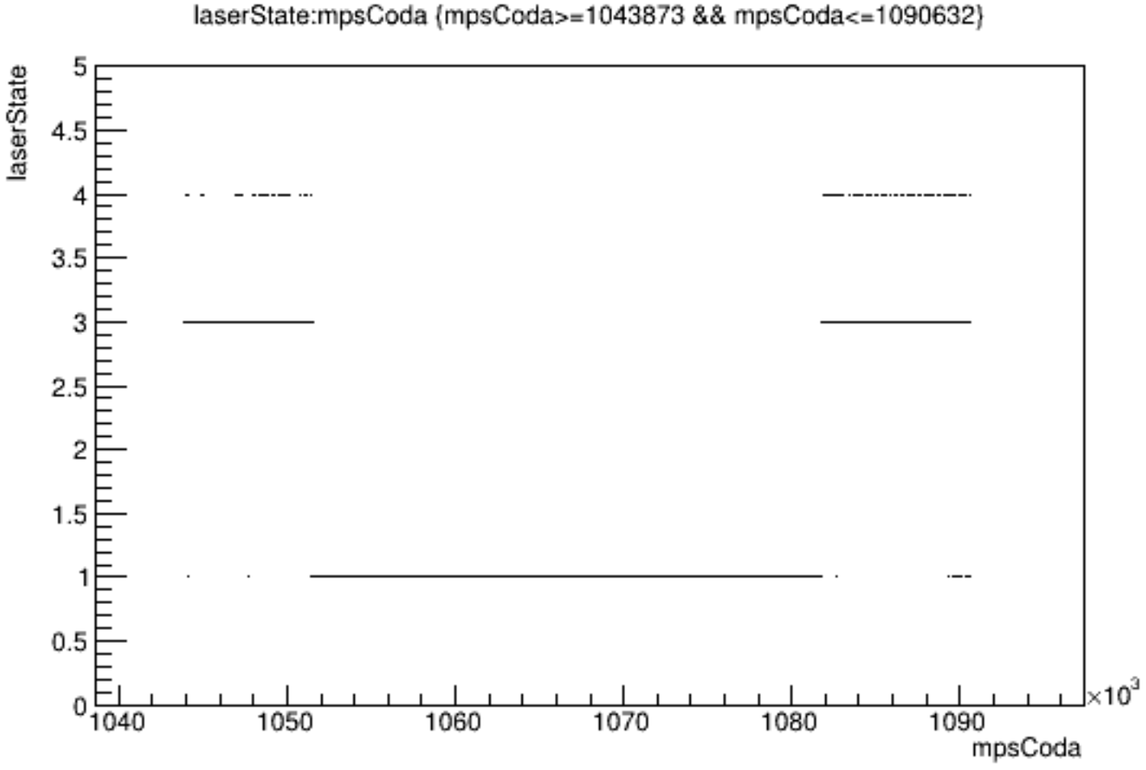


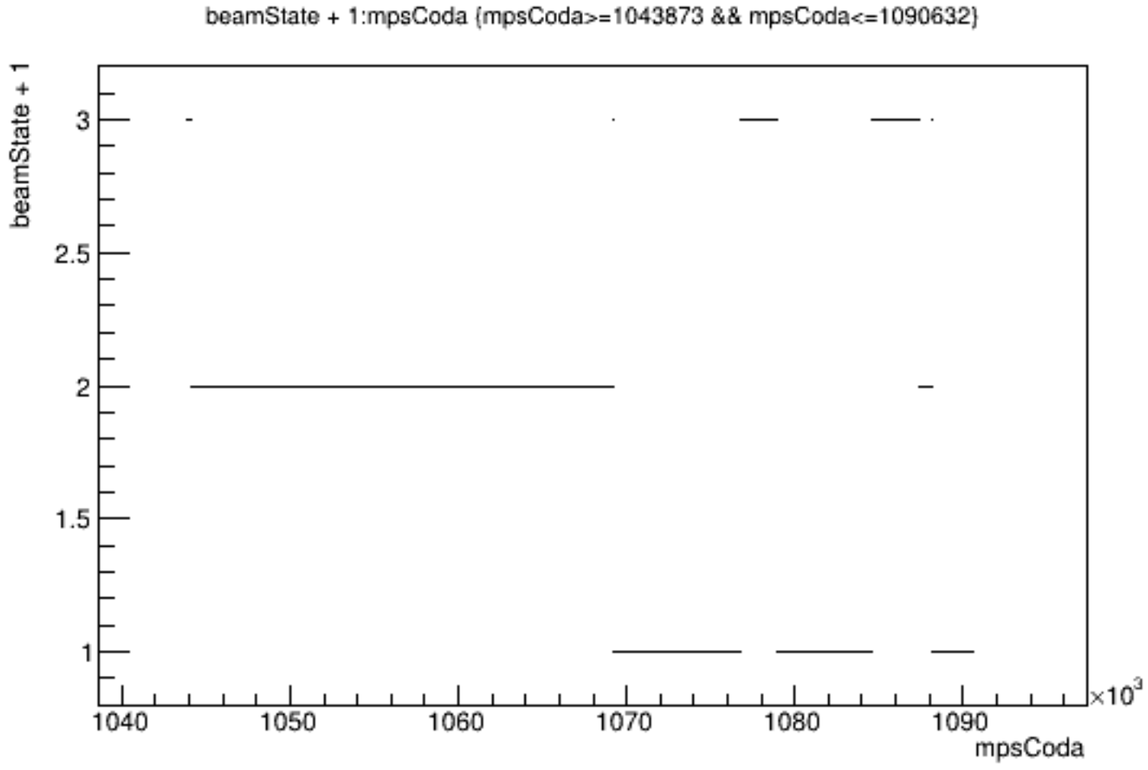
Cycle 18, Asyms

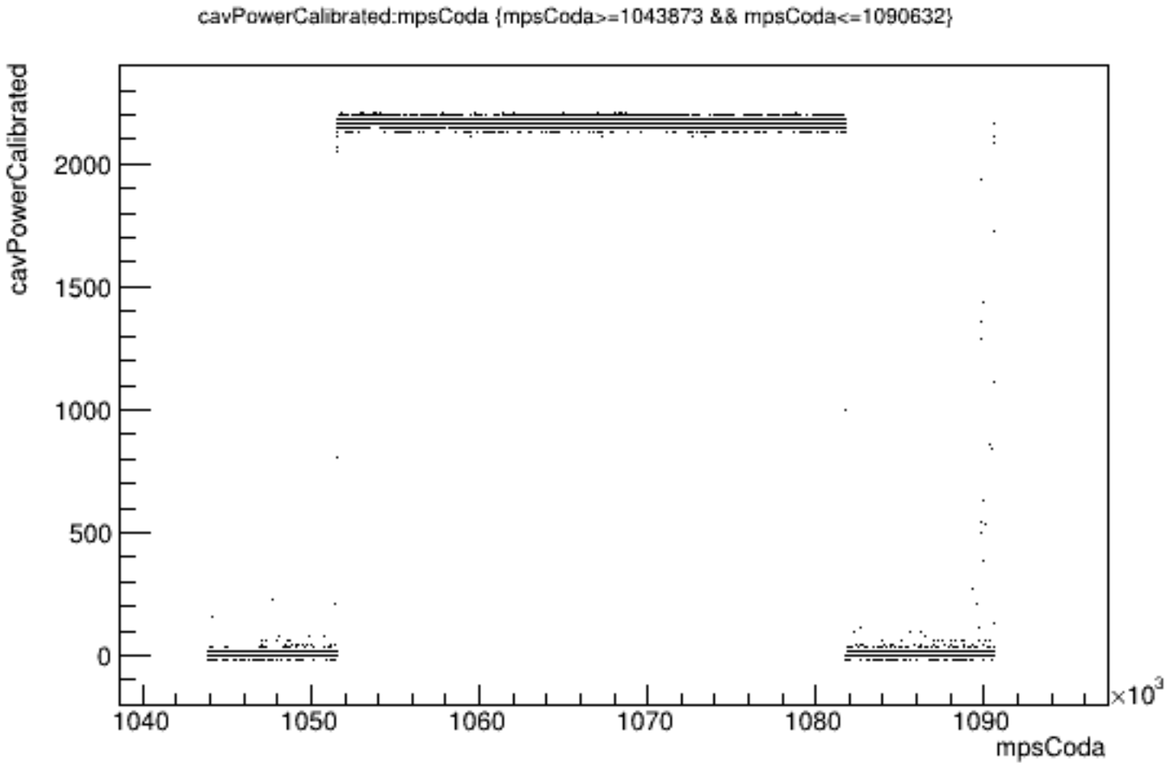
Entries: 873	Entries: 2215	Entries: 93
Mean: -0.0004 +/- 0.0102	Mean: -0.4434 +/- 0.6487	Mean: 0.0383 +/- 0.0302
Std Dev: 0.3014 +/- 0.0072	Std Dev: 30.5326 +/- 0.4587	Std Dev: 0.2912 +/- 0.0214

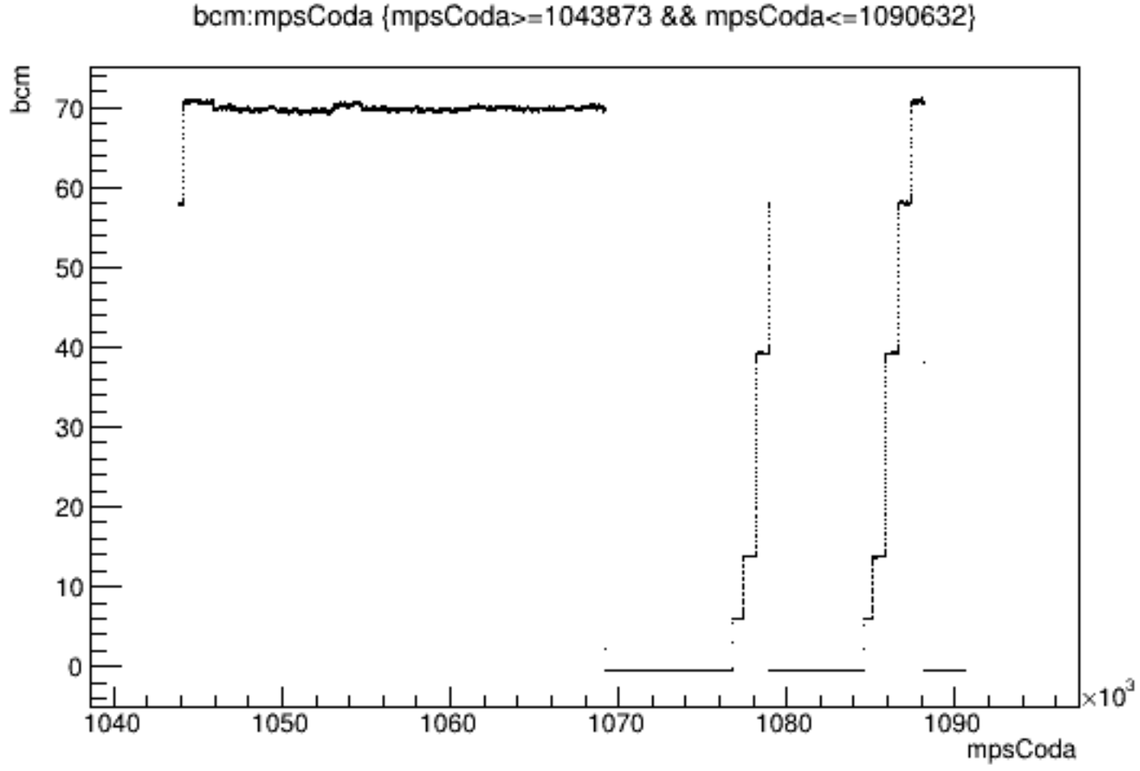





laserState:mpsCoda {mpsCoda>=1043873 && mpsCoda<=1090632}
laserState
mpsCoda
×10^3

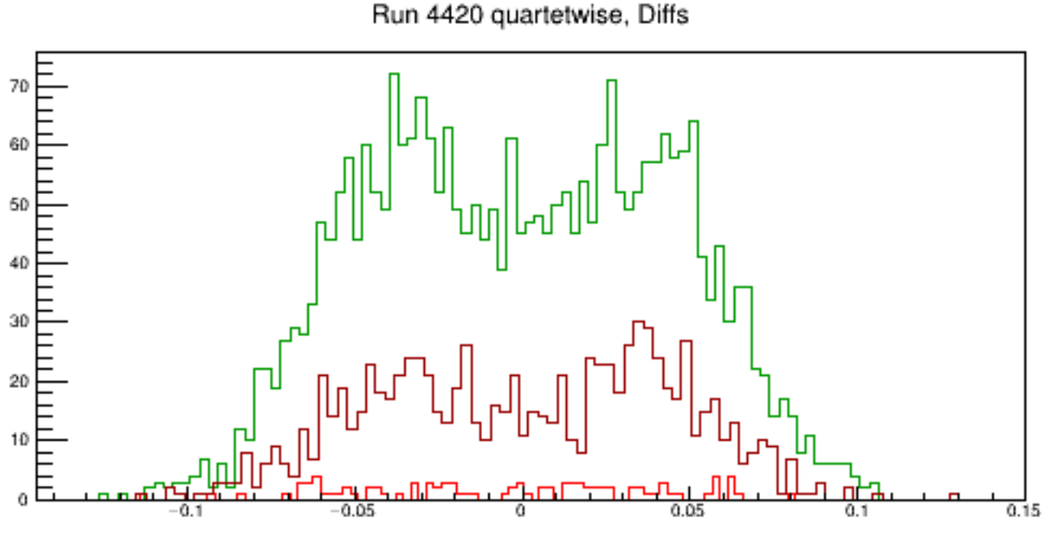

beamState + 1:mpsCoda {mpsCoda>=1043873 && mpsCoda<=1090632}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1043873 && mpsCoda<=1090632}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1043873 && mpsCoda<=1090632}
bcm
mpsCoda
×10^3

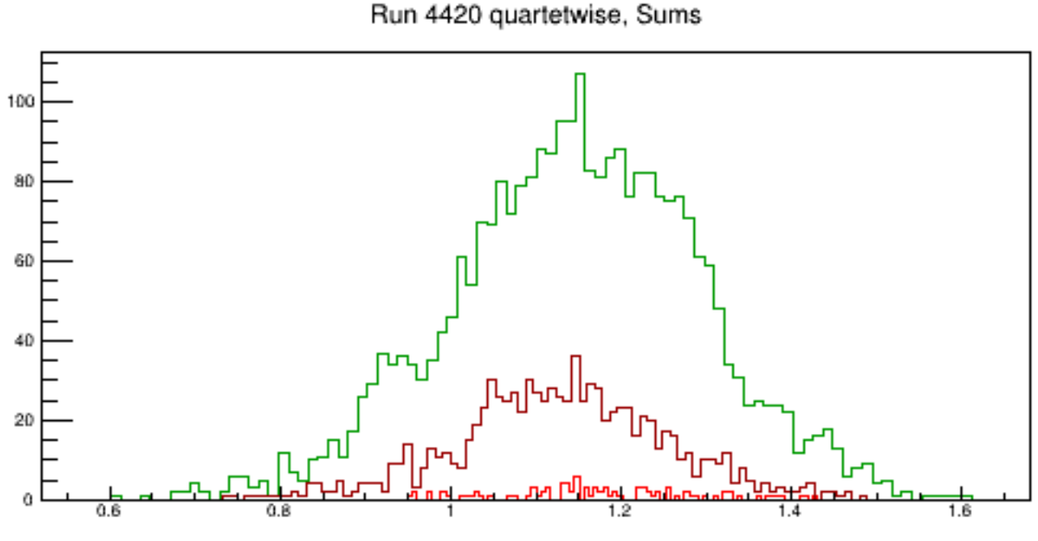
Cycle 19, Diffs

Entries: 93	Entries: 2852	Entries: 914
Mean: -0.0057 +/- 0.0045	Mean: -0.0009 +/- 0.0008	Mean: 0.0003 +/- 0.0014
Std Dev: 0.0435 +/- 0.0032	Std Dev: 0.0445 +/- 0.0006	Std Dev: 0.0438 +/- 0.0010



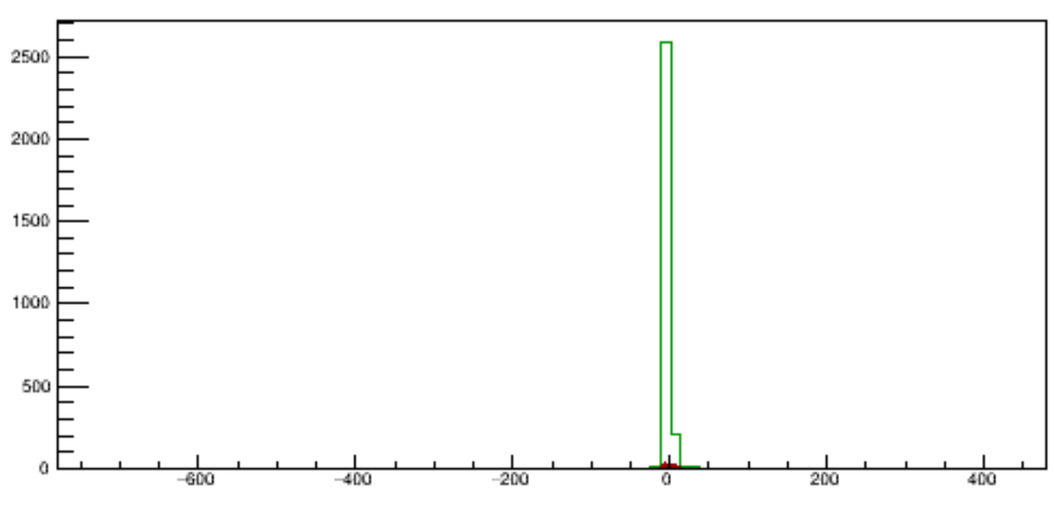
Cycle 19, Sums

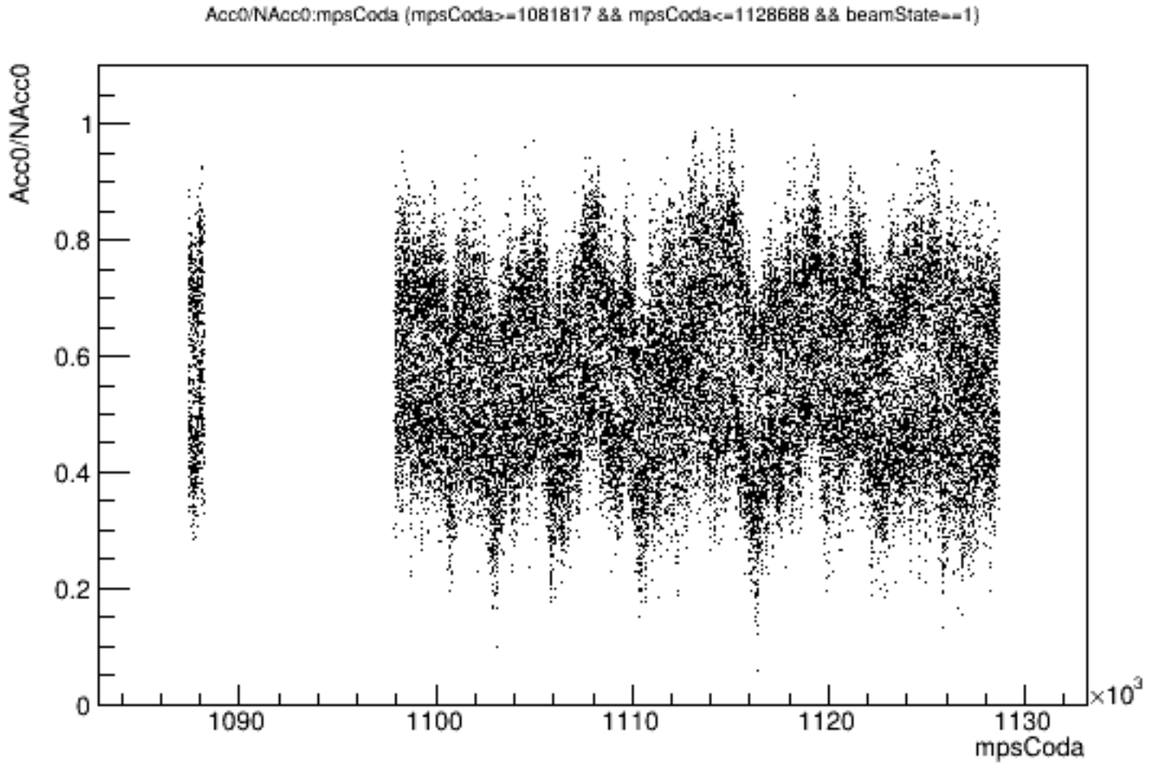
Entries: 93	Entries: 2852	Entries: 914
Mean: 1.1756 +/- 0.0118	Mean: 1.1458 +/- 0.0028	Mean: 1.1300 +/- 0.0041
Std Dev: 0.1140 +/- 0.0084	Std Dev: 0.1473 +/- 0.0020	Std Dev: 0.1235 +/- 0.0029

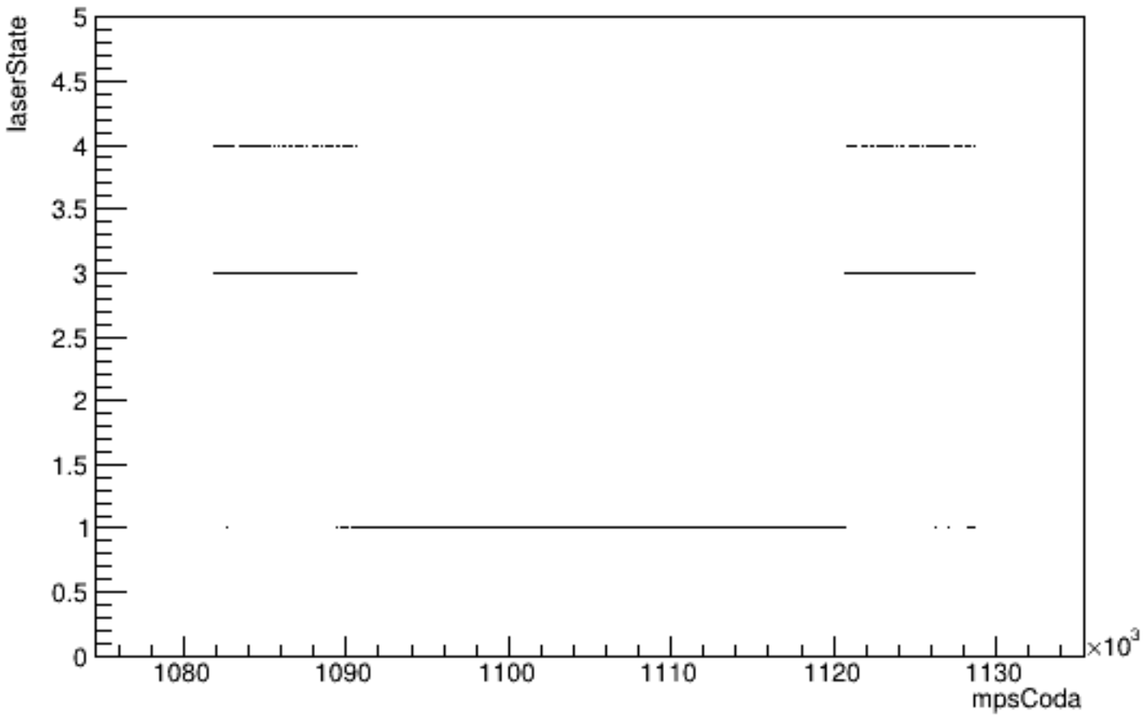


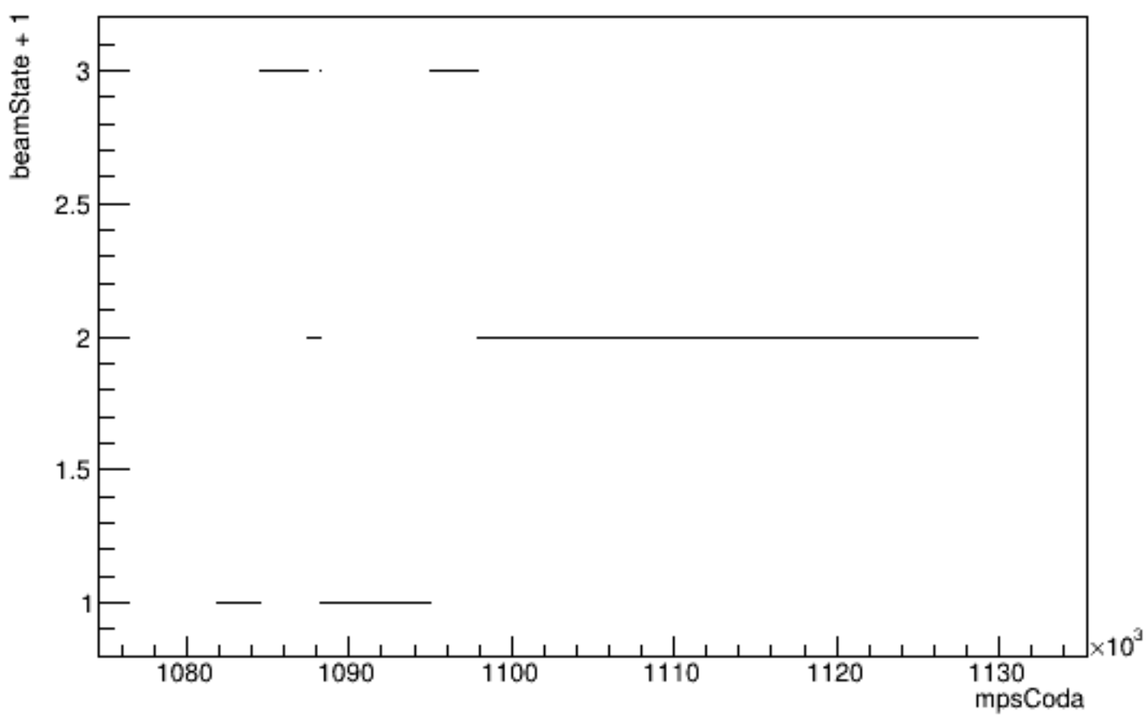
Cycle 19, Asyms

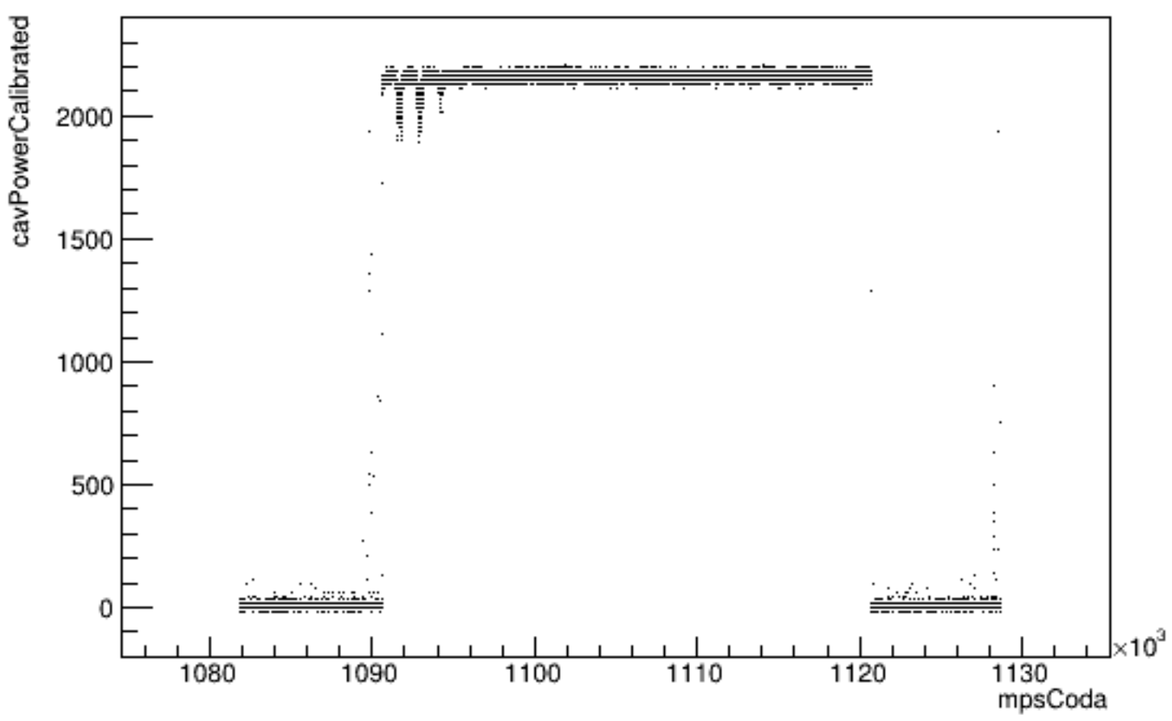
Entries: 93	Entries: 2852	Entries: 914
Mean: 0.8157 +/- 0.6438	Mean: -0.0922 +/- 0.3925	Mean: -0.0458 +/- 0.2064
Std Dev: 6.2089 +/- 0.4553	Std Dev: 20.9612 +/- 0.2775	Std Dev: 6.2405 +/- 0.1460

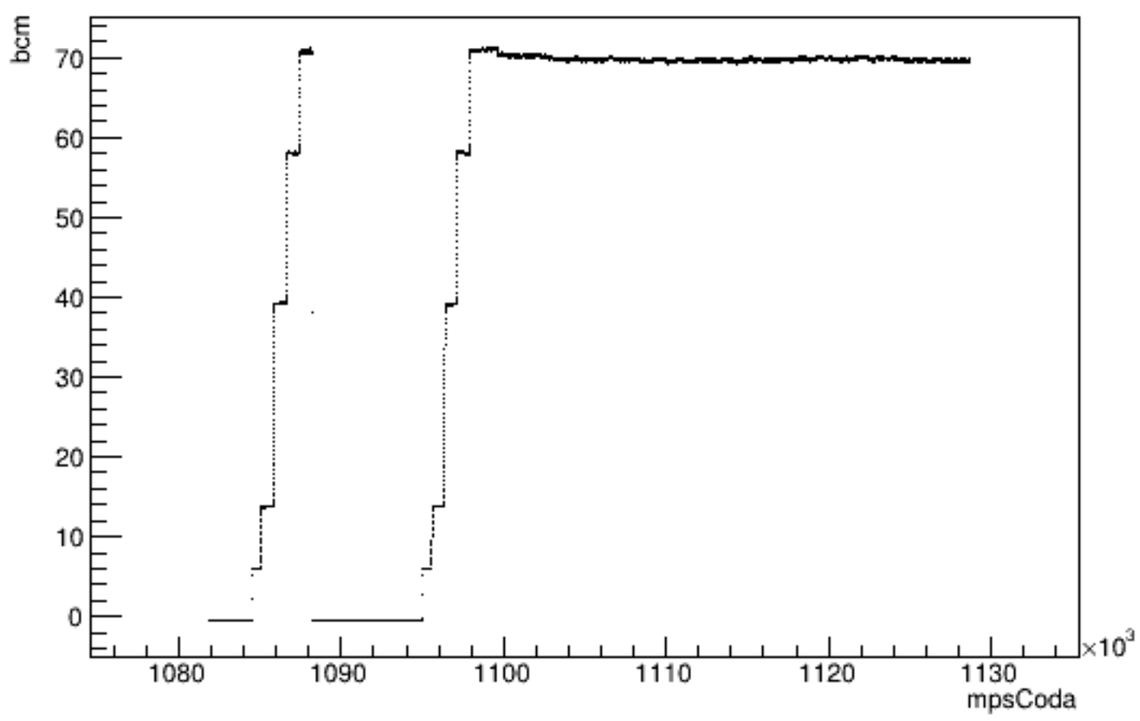





laserState:mpsCoda {mpsCoda>=1081817 && mpsCoda<=1128688}
laserState
mpsCoda
×10^3

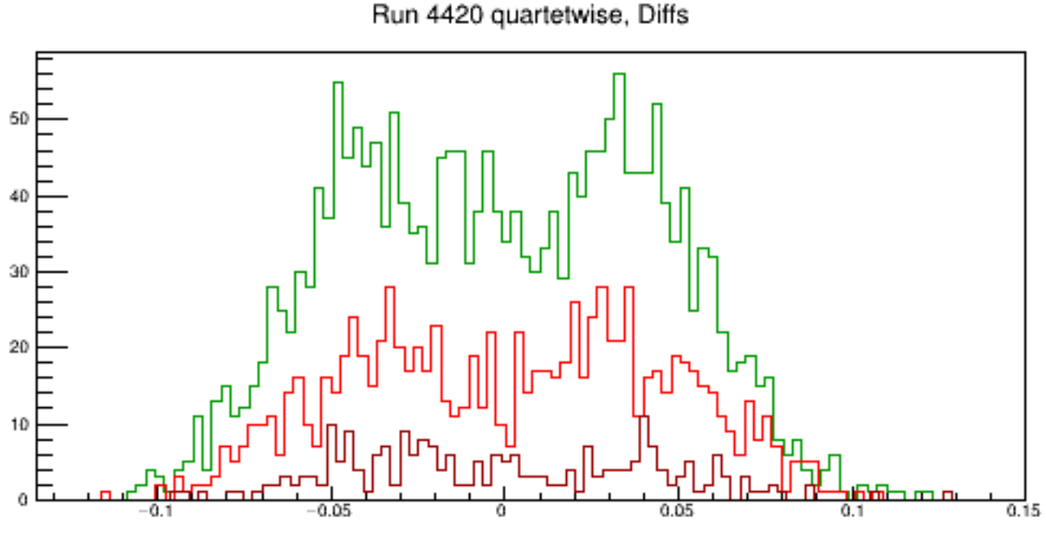

beamState + 1:mpsCoda {mpsCoda>=1081817 && mpsCoda<=1128688}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1081817 && mpsCoda<=1128688}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1081817 && mpsCoda<=1128688}
bcm
mpsCoda
×10^3

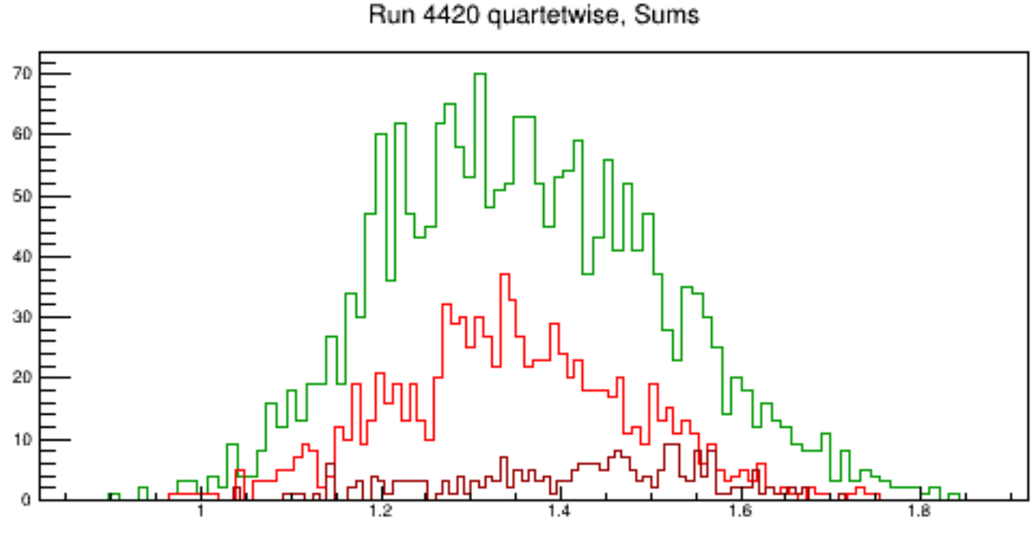
Cycle 20, Diffs

Entries: 971	Entries: 2143	Entries: 236
Mean: 0.0014 +/- 0.0014	Mean: -0.0012 +/- 0.0010	Mean: -0.0008 +/- 0.0028
Std Dev: 0.0443 +/- 0.0010	Std Dev: 0.0442 +/- 0.0007	Std Dev: 0.0429 +/- 0.0020



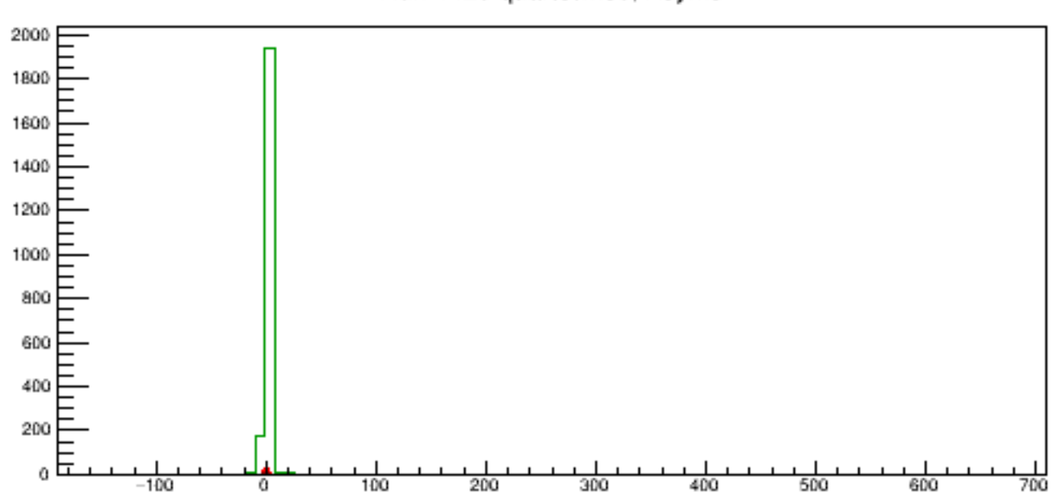
Cycle 20, Sums

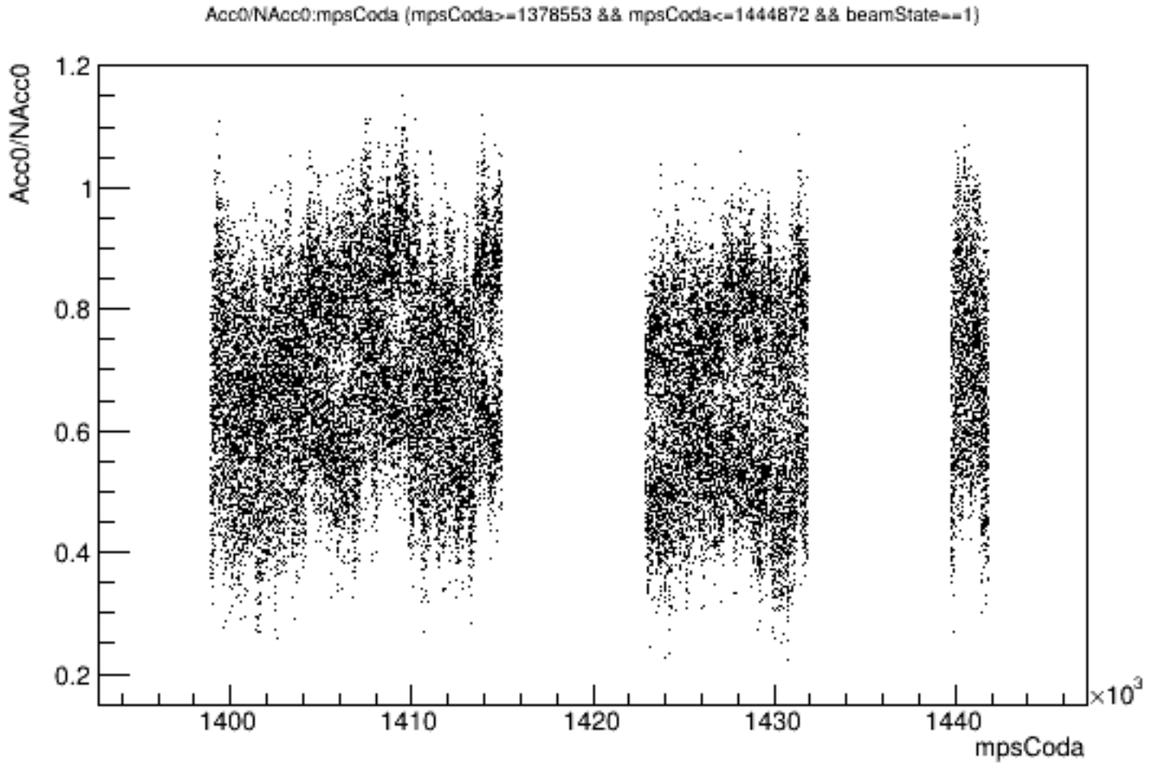
Entries: 971	Entries: 2143	Entries: 236
Mean: 1.3458 +/- 0.0043	Mean: 1.3596 +/- 0.0033	Mean: 1.4163 +/- 0.0092
Std Dev: 0.1325 +/- 0.0030	Std Dev: 0.1541 +/- 0.0024	Std Dev: 0.1414 +/- 0.0065

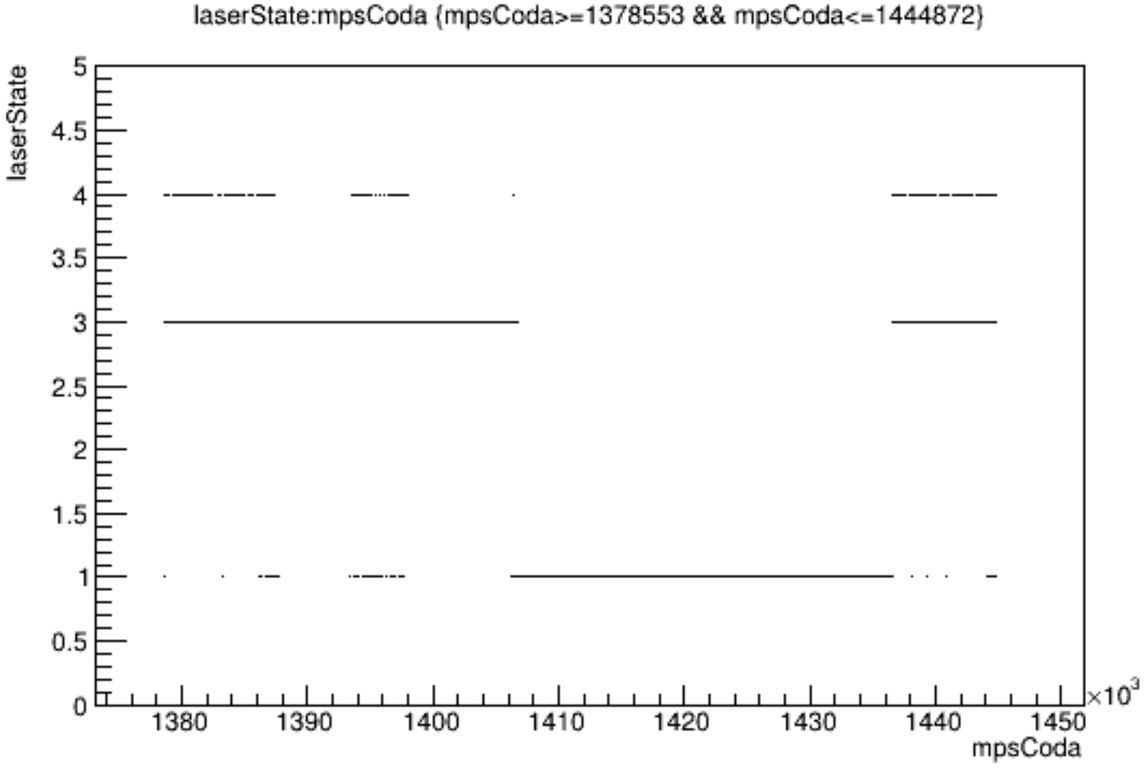


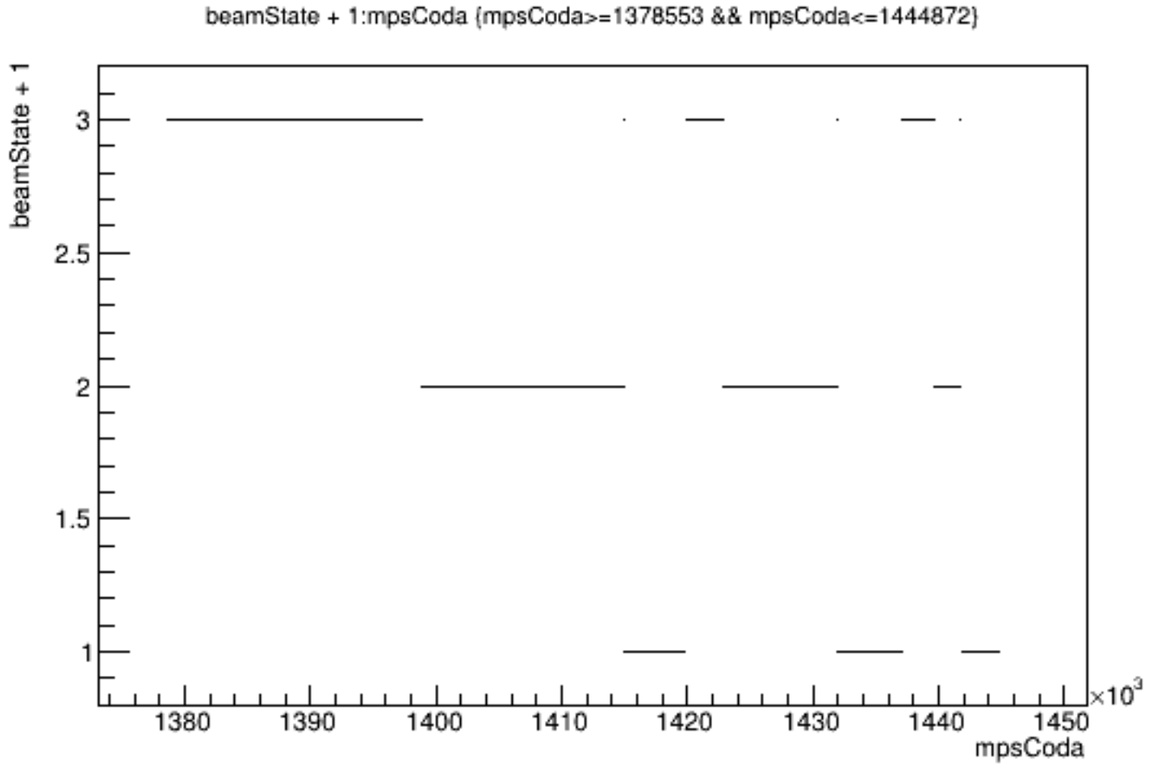
Cycle 20, Asyms

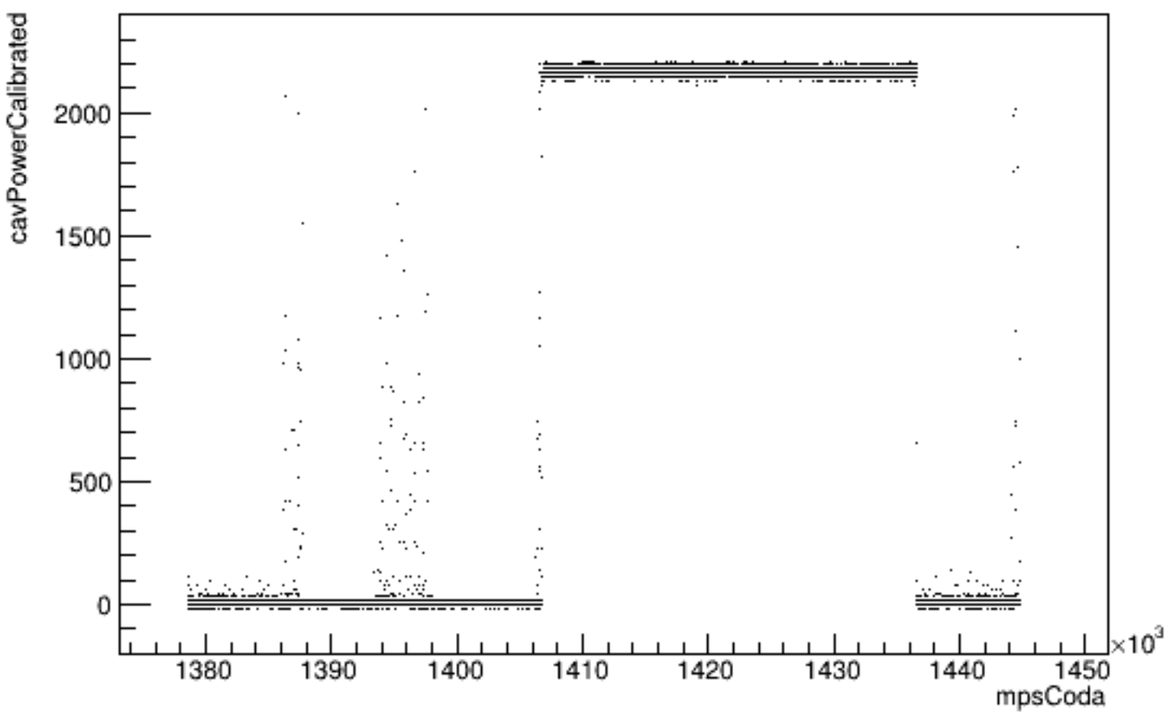
Entries: 971	Entries: 2143	Entries: 236
Mean: -0.0633 +/- 0.0662	Mean: 0.3269 +/- 0.3516	Mean: 0.0378 +/- 0.1302
Std Dev: 2.0632 +/- 0.0468	Std Dev: 16.2780 +/- 0.2486	Std Dev: 2.0005 +/- 0.0921

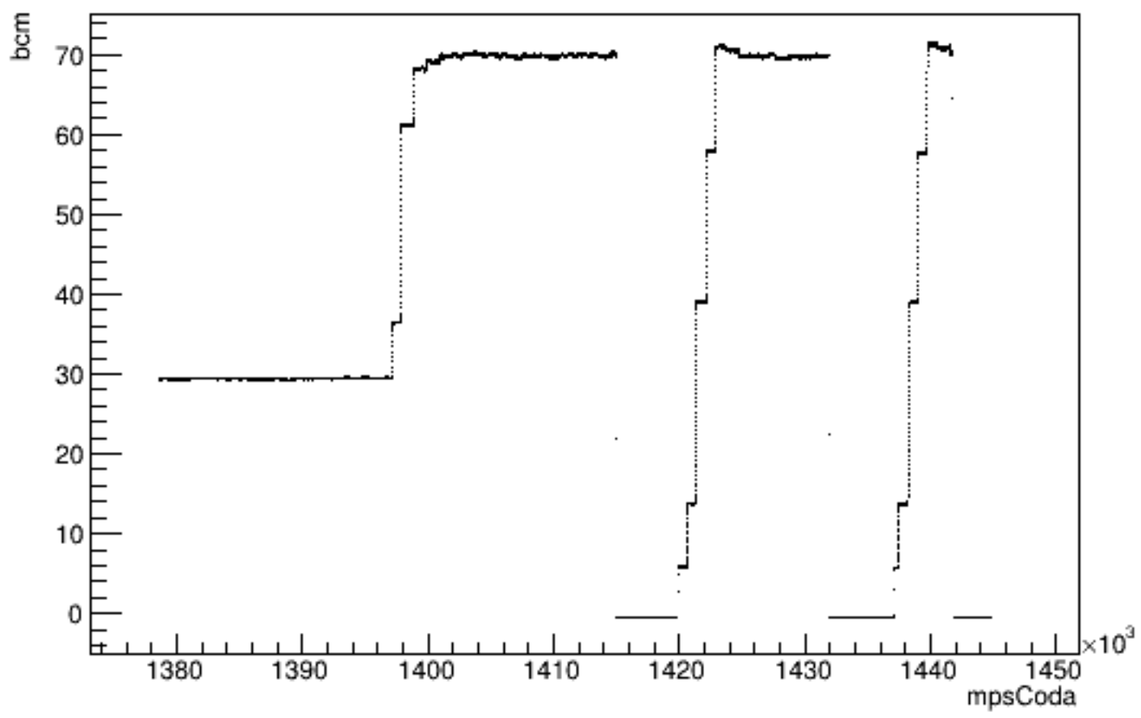





laserState:mpsCoda {mpsCoda>=1378553 && mpsCoda<=1444872}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=1378553 && mpsCoda<=1444872}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1378553 && mpsCoda<=1444872}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1378553 && mpsCoda<=1444872}
bcm
mpsCoda
×10^3