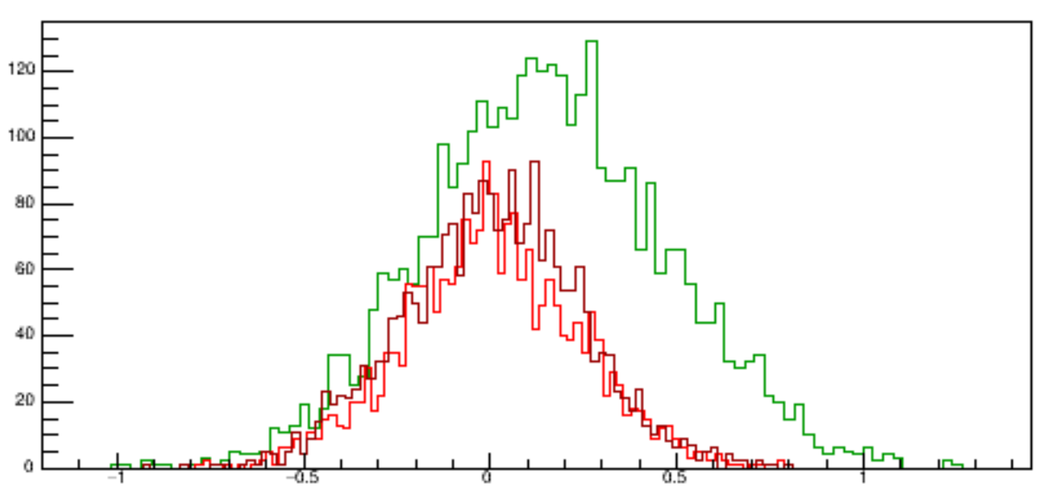
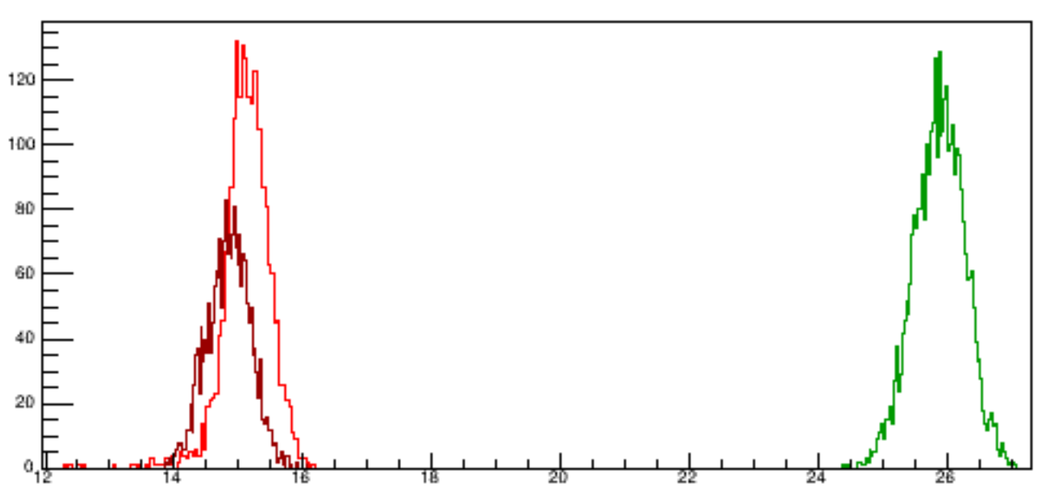
Cycle 1, Diffs

Entries: 2156	Entries: 3564	Entries: 2347
Mean: 0.0042 +/- 0.0050	Mean: 0.1465 +/- 0.0054	Mean: 0.0038 +/- 0.0049
Std Dev: 0.2338 +/- 0.0036	Std Dev: 0.3236 +/- 0.0038	Std Dev: 0.2354 +/- 0.0034



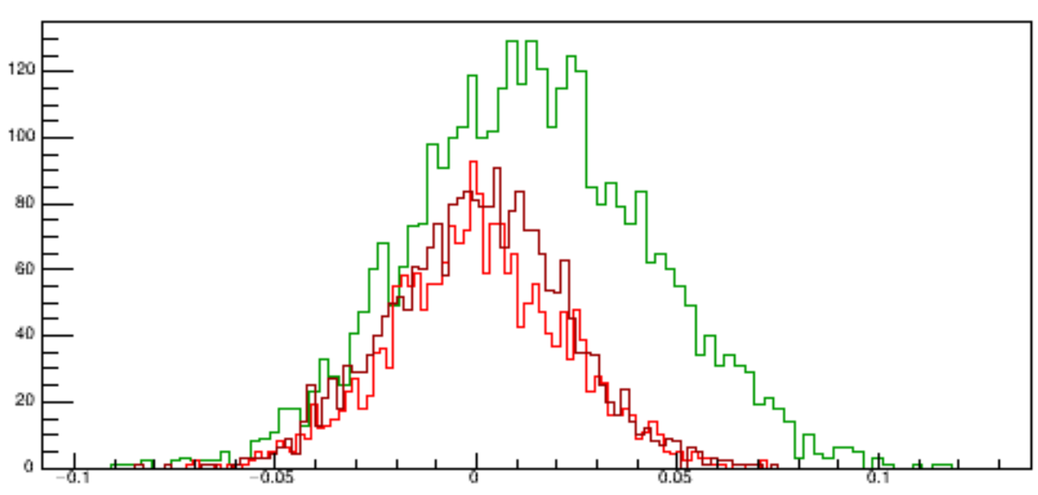
Cycle 1, Sums

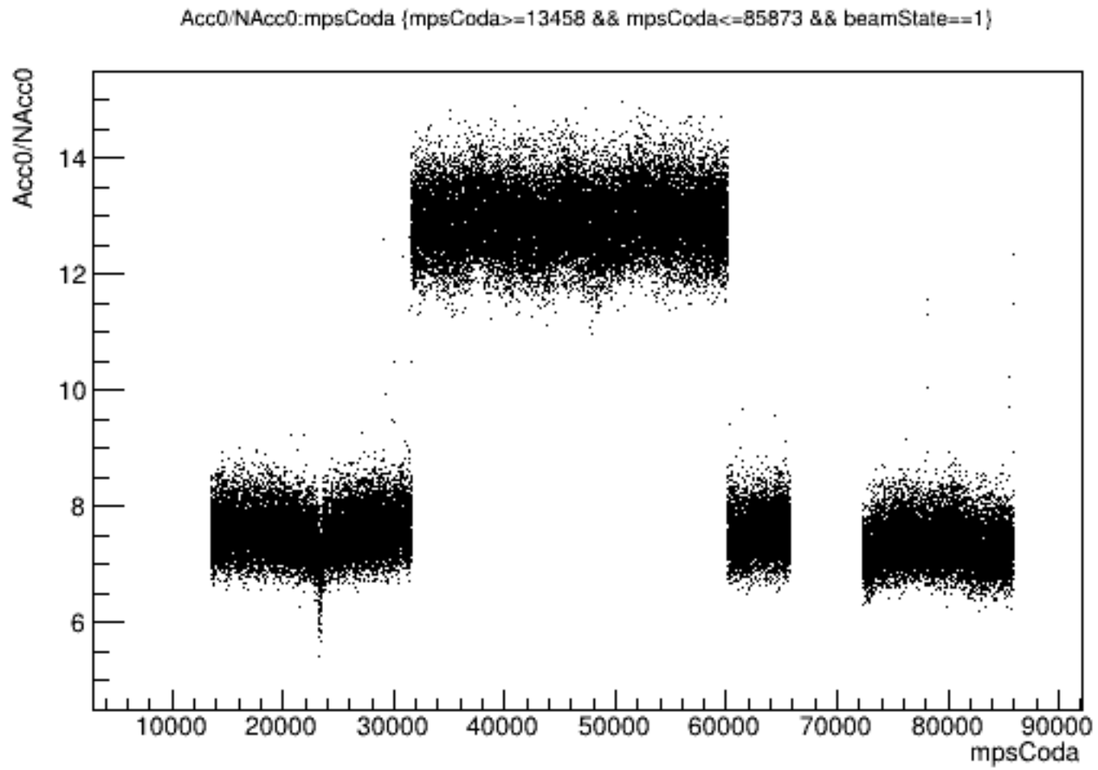
Entries: 2156	Entries: 3564	Entries: 2347
Mean: 15.1235 +/- 0.0078	Mean: 25.8682 +/- 0.0066	Mean: 14.8413 +/- 0.0069
Std Dev: 0.3631 +/- 0.0055	Std Dev: 0.3965 +/- 0.0047	Std Dev: 0.3366 +/- 0.0049

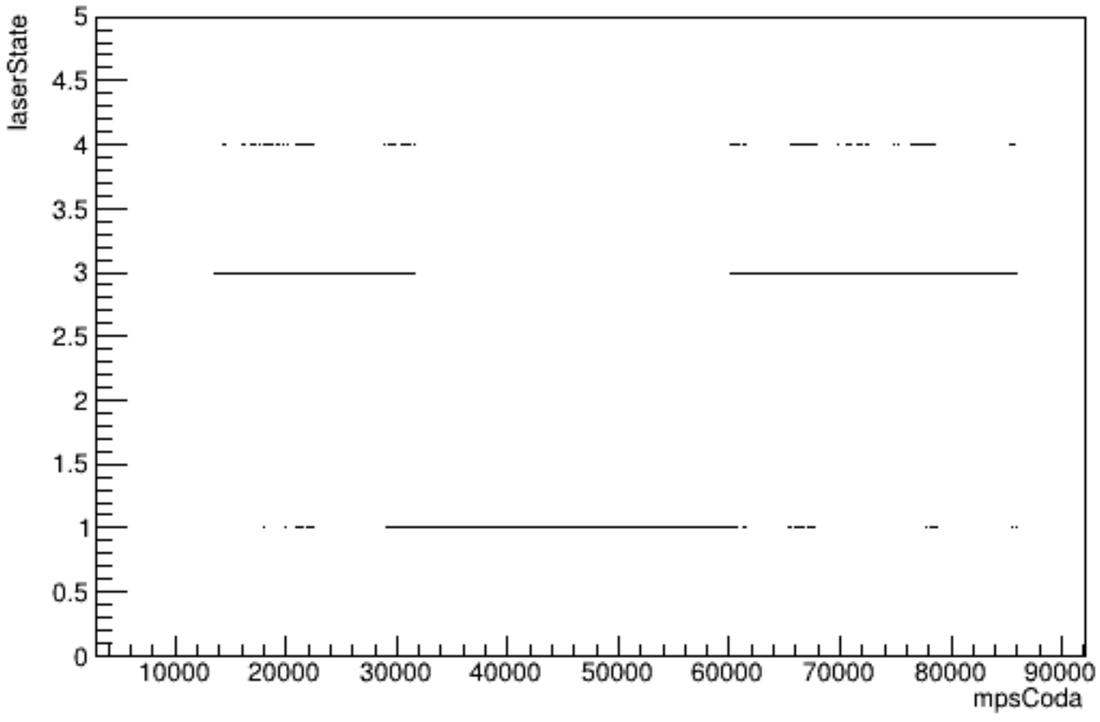


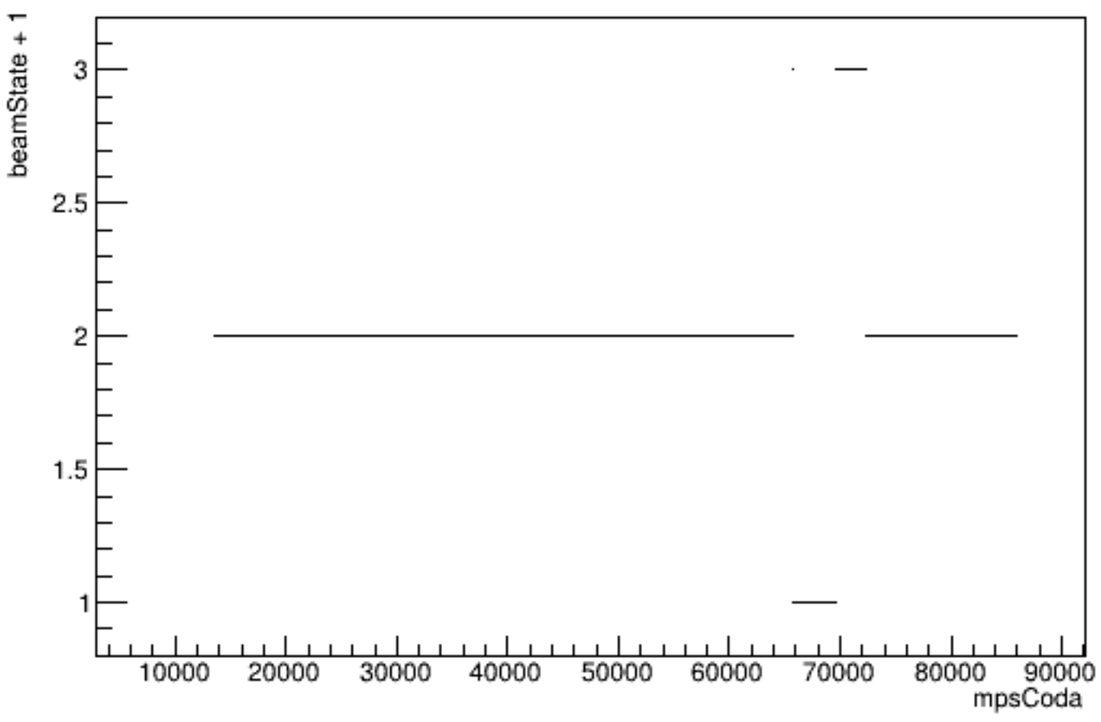
Cycle 1, Asyms

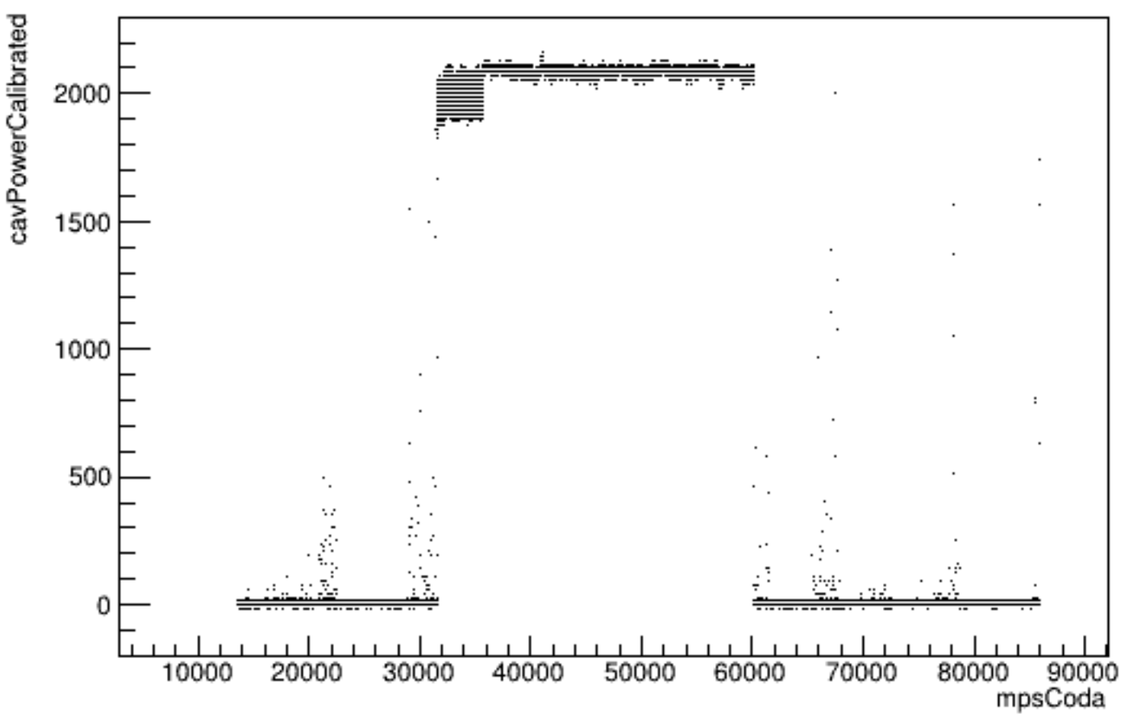
Entries: 2156	Entries: 3564	Entries: 2347
Mean: 0.0004 +/- 0.0005	Mean: 0.0135 +/- 0.0005	Mean: 0.0004 +/- 0.0004
Std Dev: 0.0215 +/- 0.0003	Std Dev: 0.0297 +/- 0.0004	Std Dev: 0.0216 +/- 0.0003

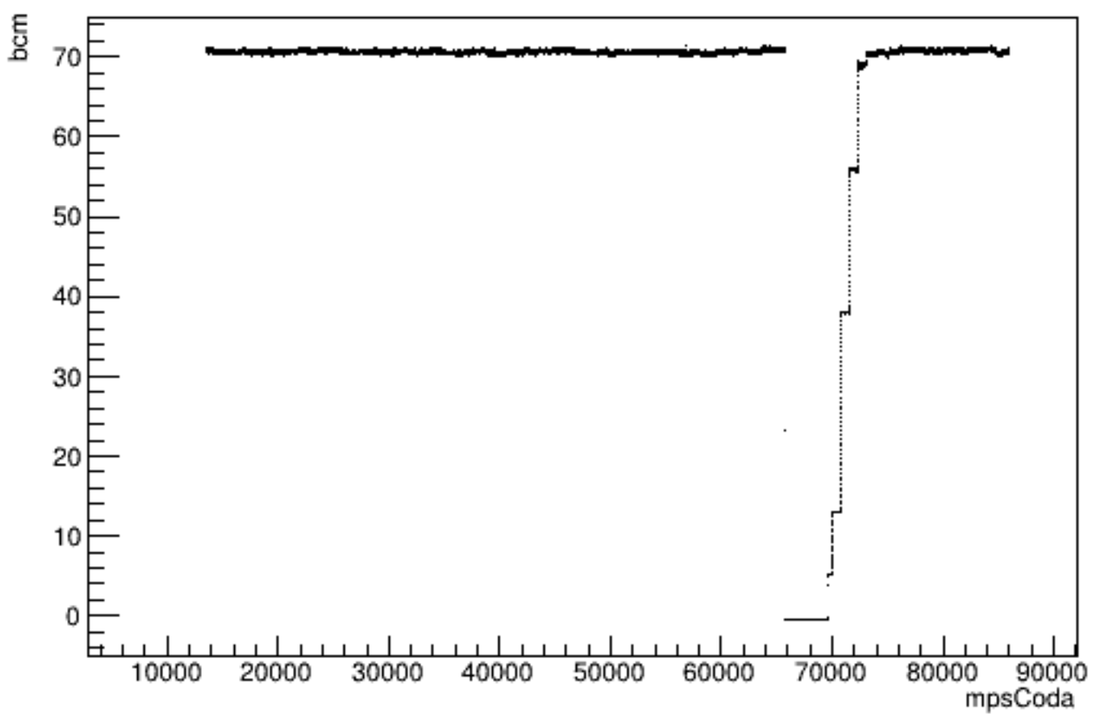





laserState:mpsCoda {mpsCoda>=13458 && mpsCoda<=85873}
laserState
mpsCoda
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
10000
20000
30000
40000
50000
60000
70000
80000
90000

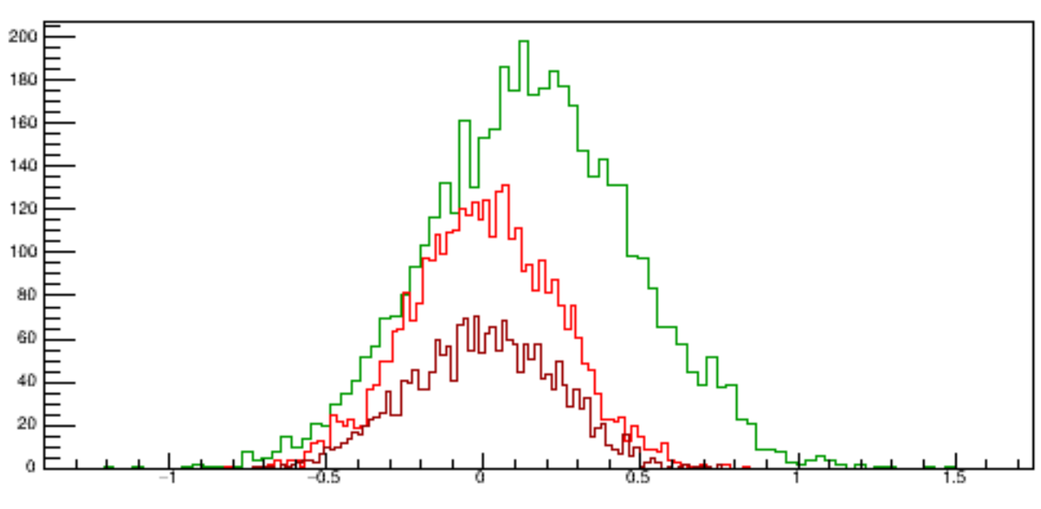

beamState + 1:mpsCoda {mpsCoda>=13458 && mpsCoda<=85873}
beamState + 1
mpsCoda
1
1.5
2
2.5
3
10000
20000
30000
40000
50000
60000
70000
80000
90000


cavPowerCalibrated:mpsCoda {mpsCoda>=13458 && mpsCoda<=85873}
cavPowerCalibrated
mpsCoda
0
500
1000
1500
2000
10000
20000
30000
40000
50000
60000
70000
80000
90000


bcm:mpsCoda {mpsCoda>=13458 && mpsCoda<=85873}
bcm
mpsCoda
0
10
20
30
40
50
60
70
10000
20000
30000
40000
50000
60000
70000
80000
90000

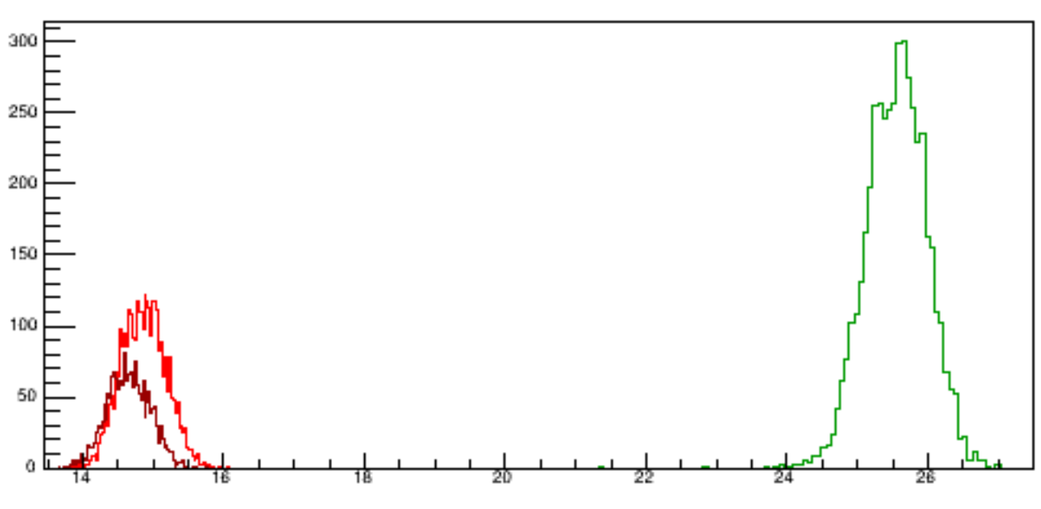
Cycle 2, Diffs

Entries: 3660	Entries: 4614	Entries: 2128
Mean: 0.0025 +/- 0.0039	Mean: 0.1512 +/- 0.0048	Mean: -0.0044 +/- 0.0050
Std Dev: 0.2344 +/- 0.0027	Std Dev: 0.3271 +/- 0.0034	Std Dev: 0.2329 +/- 0.0036



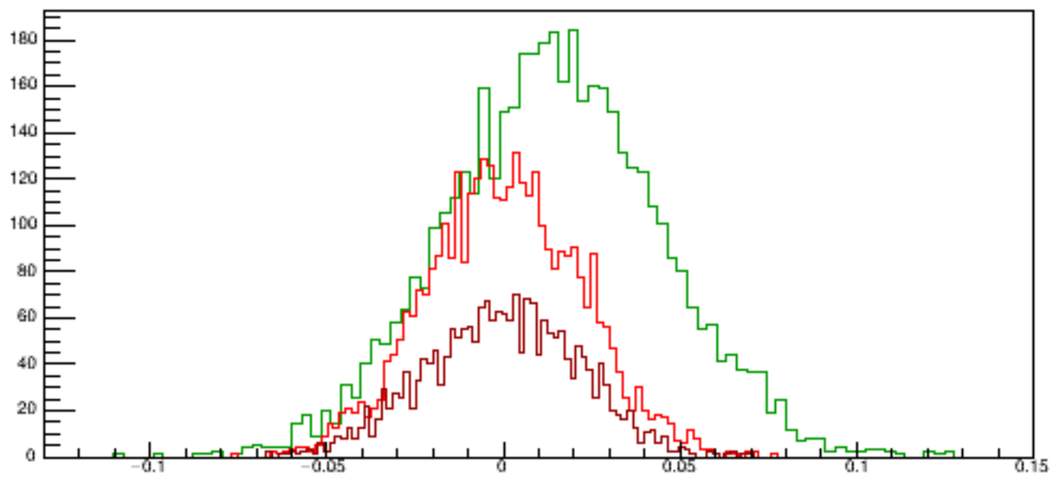
Cycle 2, Sums

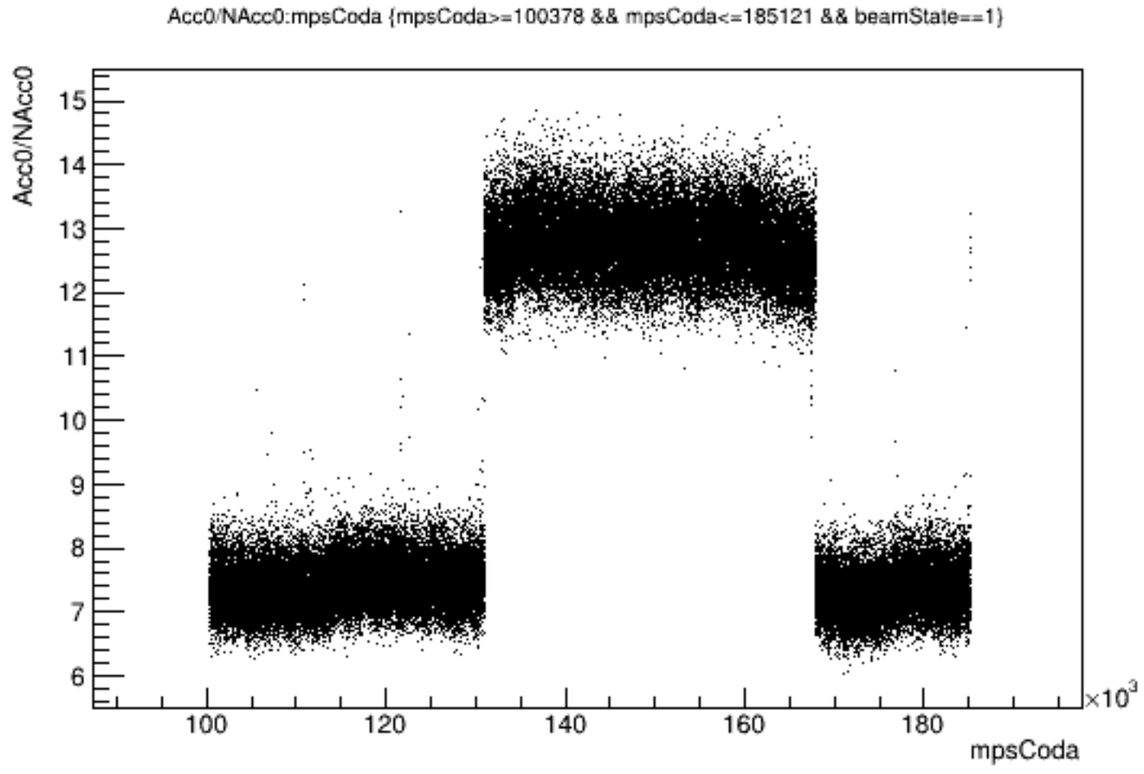
Entries: 3660	Entries: 4614	Entries: 2128
Mean: 14.8618 +/- 0.0052	Mean: 25.5563 +/- 0.0064	Mean: 14.6438 +/- 0.0066
Std Dev: 0.3160 +/- 0.0037	Std Dev: 0.4318 +/- 0.0045	Std Dev: 0.3045 +/- 0.0047

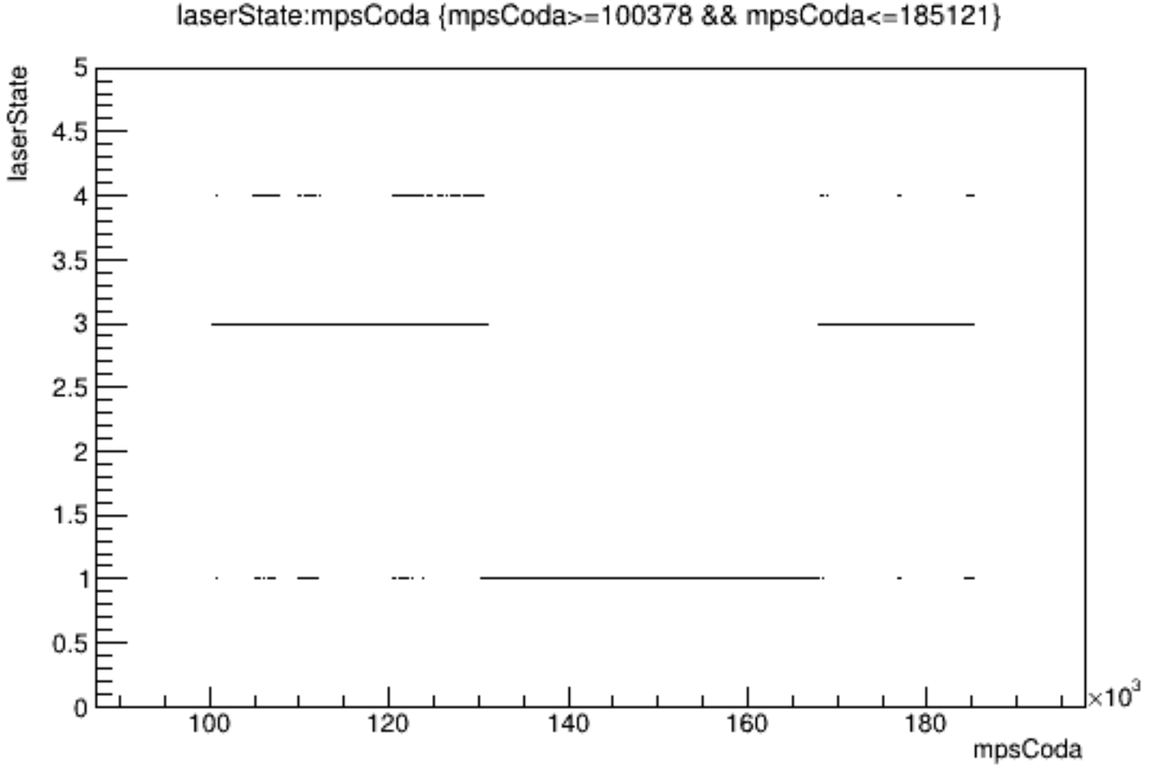


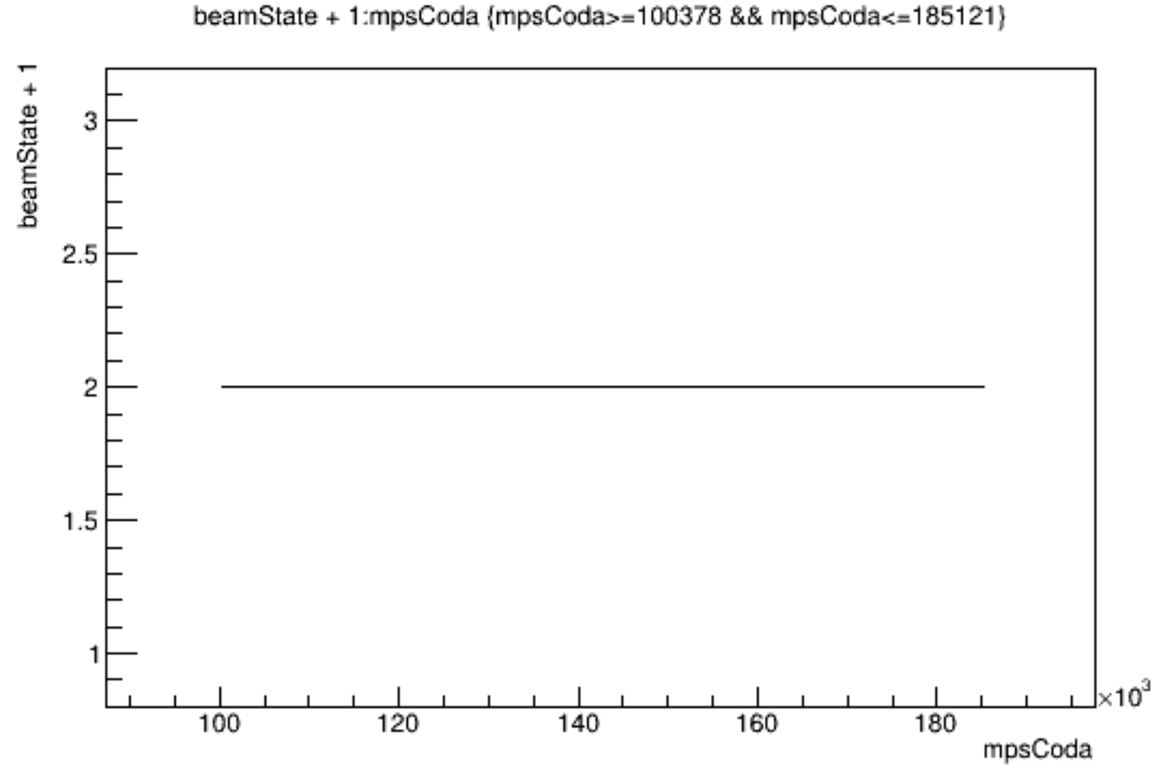
Cycle 2, Asyms

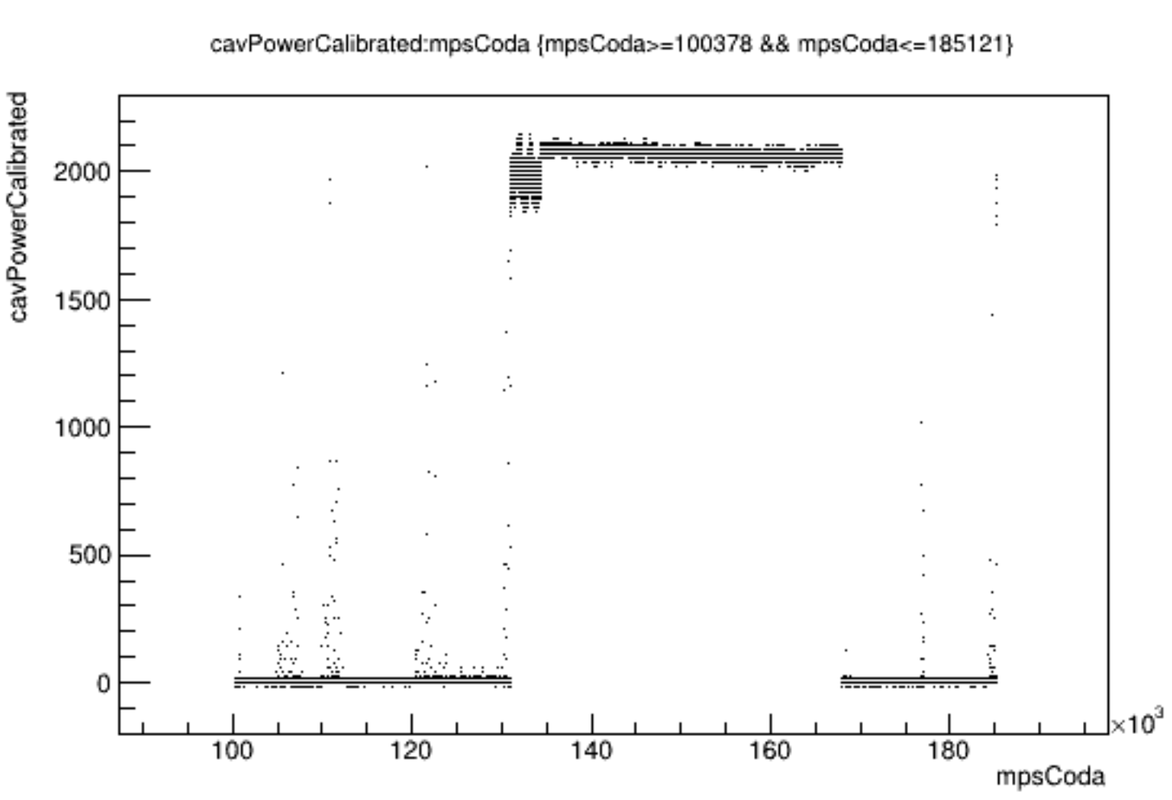
Entries: 3660	Entries: 4614	Entries: 2128
Mean: 0.0002 +/- 0.0004	Mean: 0.0140 +/- 0.0004	Mean: -0.0004 +/- 0.0005
Std Dev: 0.0217 +/- 0.0003	Std Dev: 0.0303 +/- 0.0003	Std Dev: 0.0216 +/- 0.0003

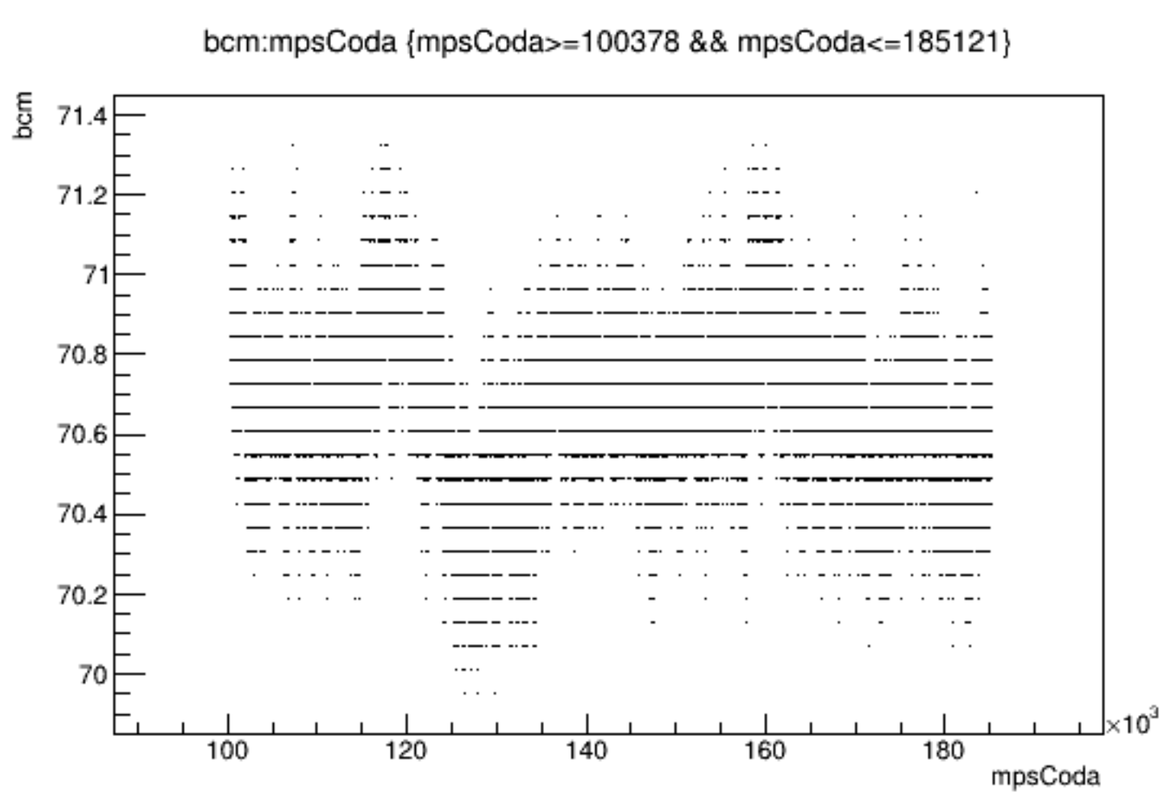





laserState:mpsCoda {mpsCoda>=100378 && mpsCoda<=185121}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=100378 && mpsCoda<=185121}
beamState + 1
mpsCoda
×10^3

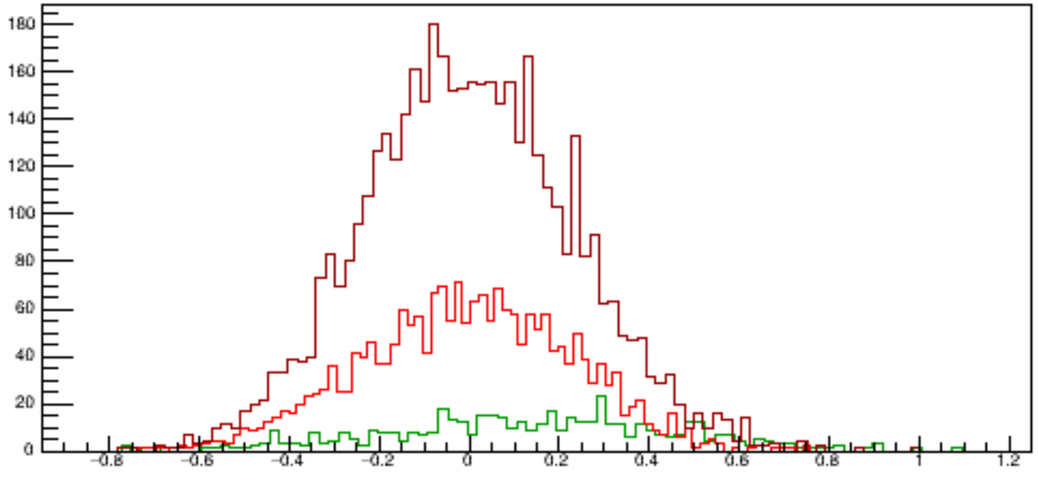

cavPowerCalibrated:mpsCoda {mpsCoda>=100378 && mpsCoda<=185121}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=100378 && mpsCoda<=185121}
bcm
mpsCoda
×10^3

Cycle 3, Diffs

Entries: 2128	Entries: 480	Entries: 4563
Mean: -0.0044 +/- 0.0050	Mean: 0.1401 +/- 0.0145	Mean: -0.0004 +/- 0.0034
Std Dev: 0.2329 +/- 0.0036	Std Dev: 0.3184 +/- 0.0103	Std Dev: 0.2316 +/- 0.0024

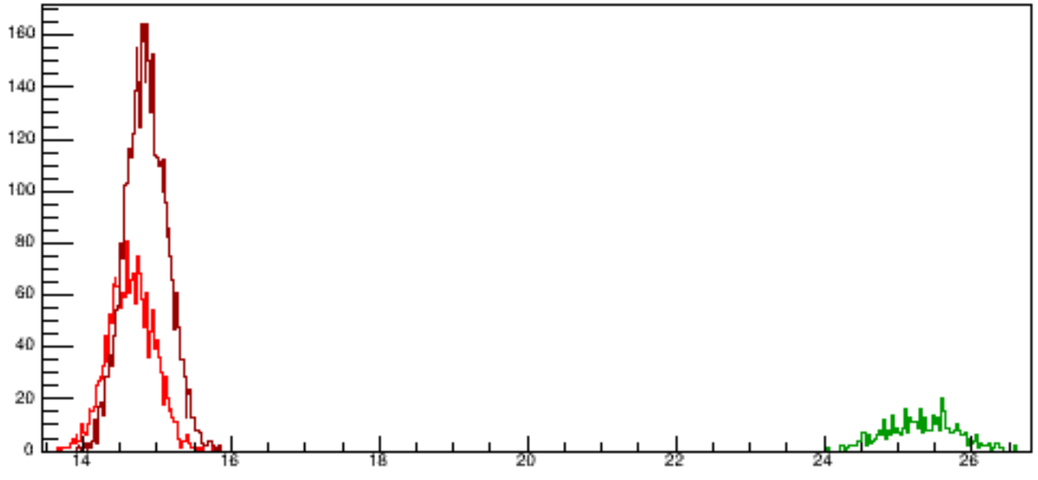
Run 4548 quartetwise, Diffs



Cycle 3, Sums

Entries: 2128	Entries: 480	Entries: 4563
Mean: 14.6438 +/- 0.0066	Mean: 25.3109 +/- 0.0212	Mean: 14.8533 +/- 0.0042
Std Dev: 0.3045 +/- 0.0047	Std Dev: 0.4652 +/- 0.0150	Std Dev: 0.2831 +/- 0.0030

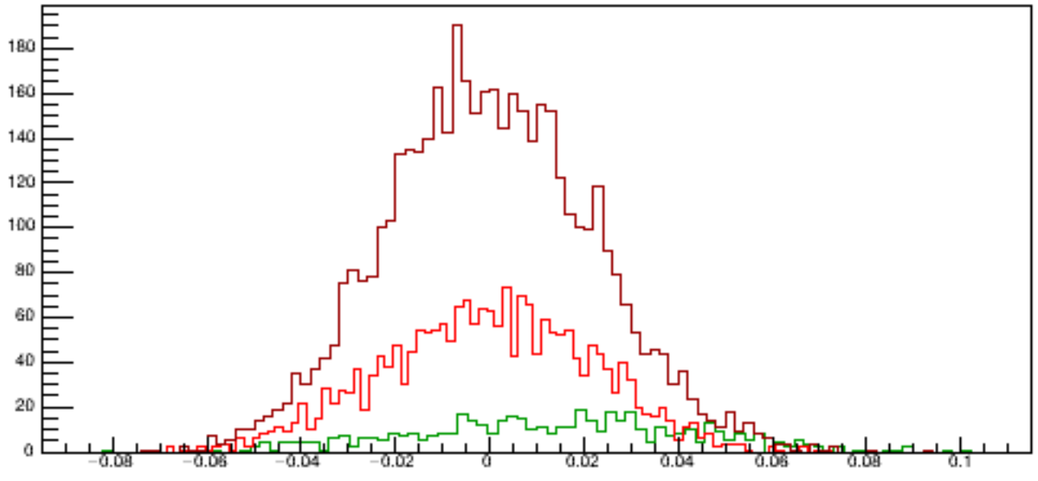
Run 4548 quartetwise, Sums

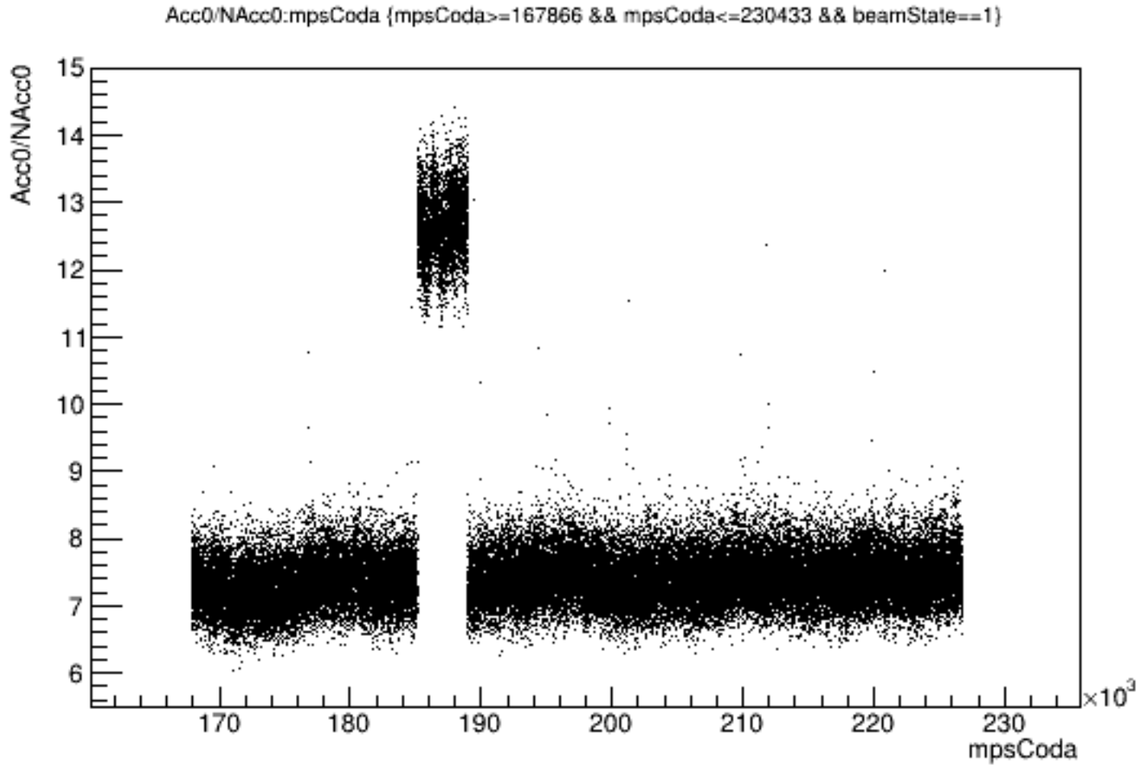


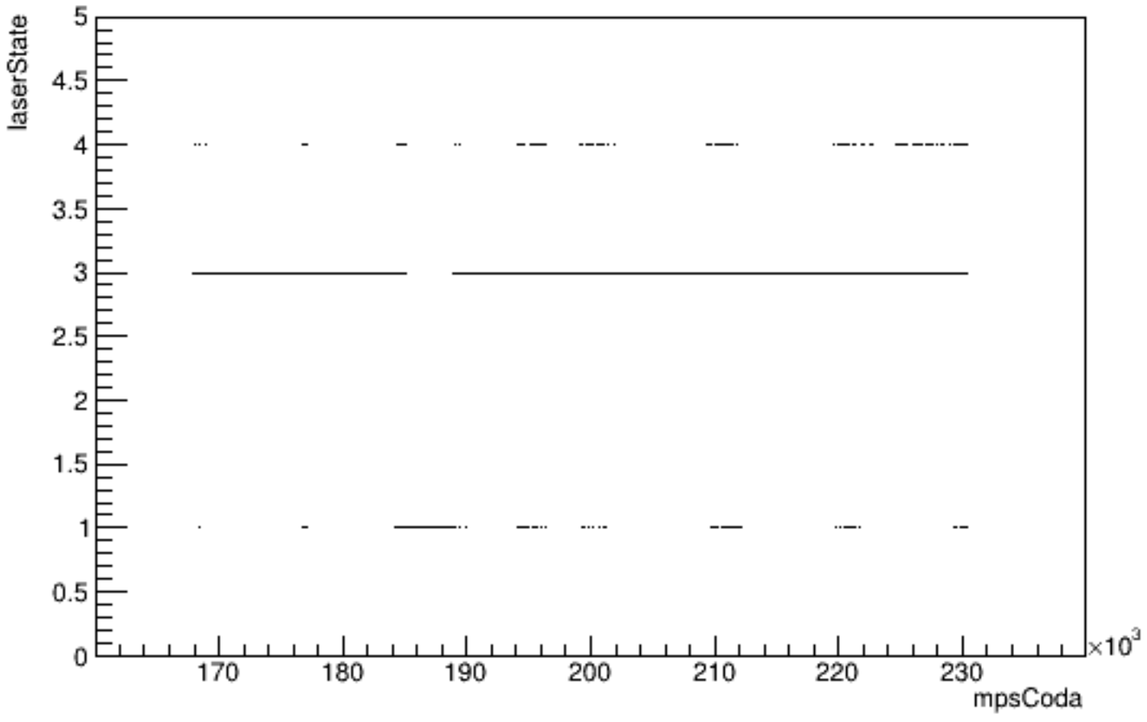
Cycle 3, Asyms

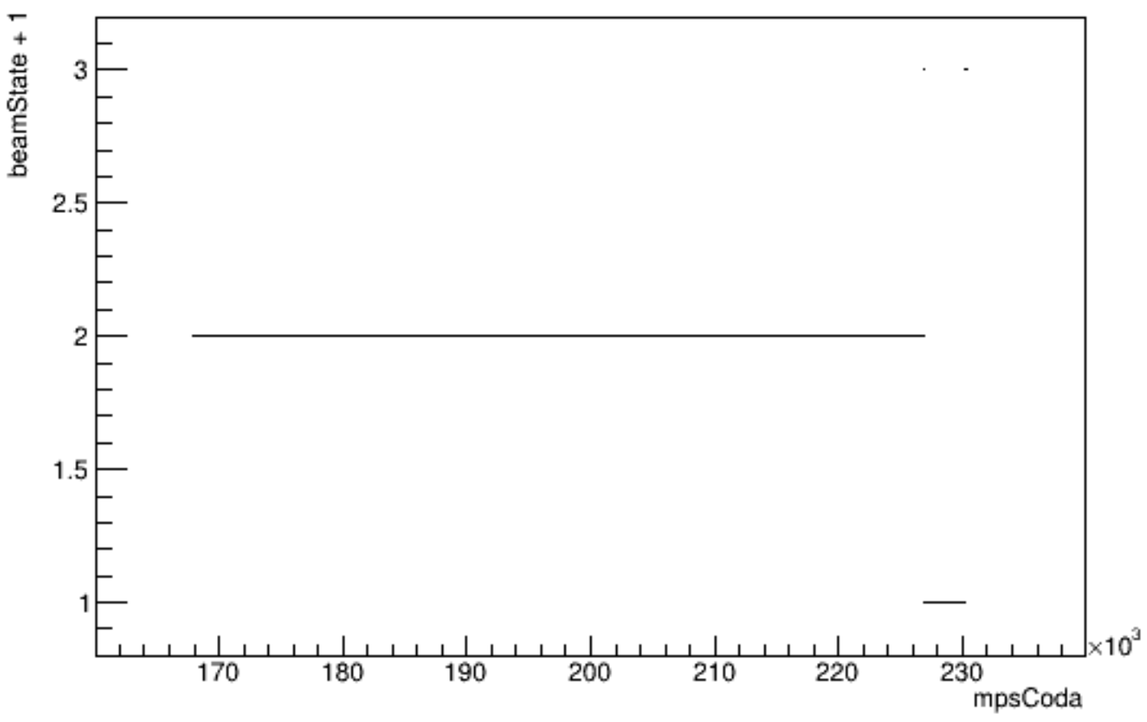
Entries: 2128	Entries: 480	Entries: 4563
Mean: -0.0004 +/- 0.0005	Mean: 0.0133 +/- 0.0014	Mean: -0.0000 +/- 0.0003
Std Dev: 0.0220 +/- 0.0003	Std Dev: 0.0303 +/- 0.0010	Std Dev: 0.0219 +/- 0.0002

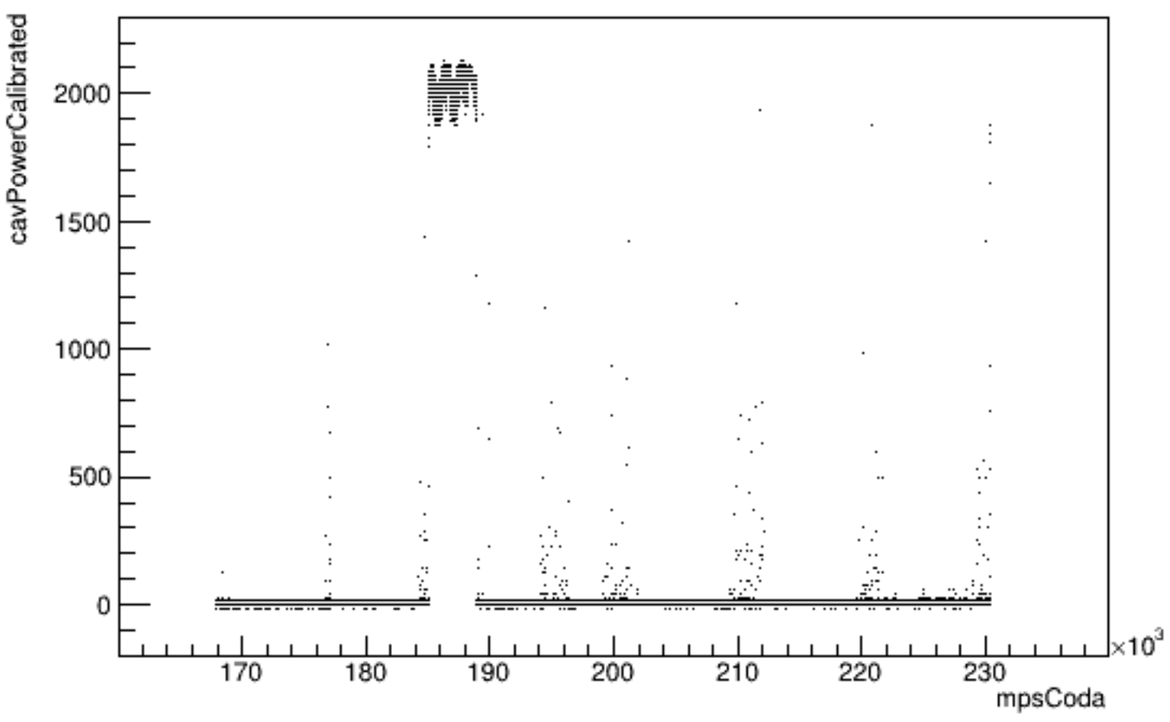
Run 4548 quartetwise, Asyms

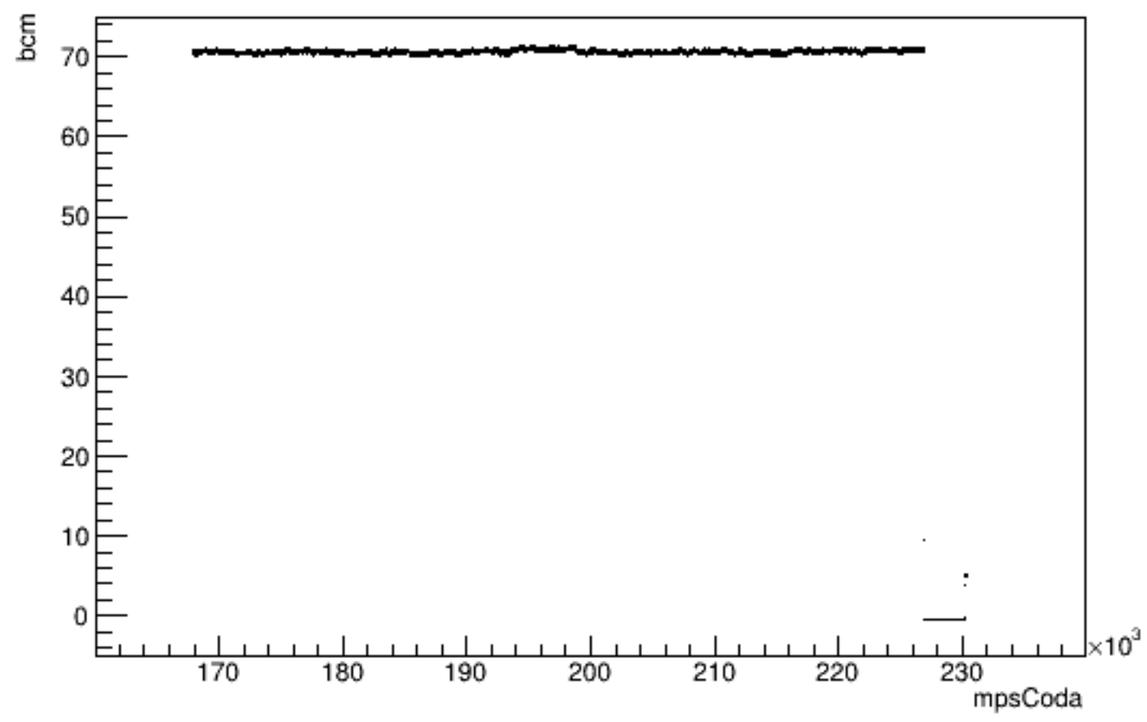





laserState:mpsCoda {mpsCoda>=167866 && mpsCoda<=230433}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=167866 && mpsCoda<=230433}
beamState + 1
mpsCoda
×10^3

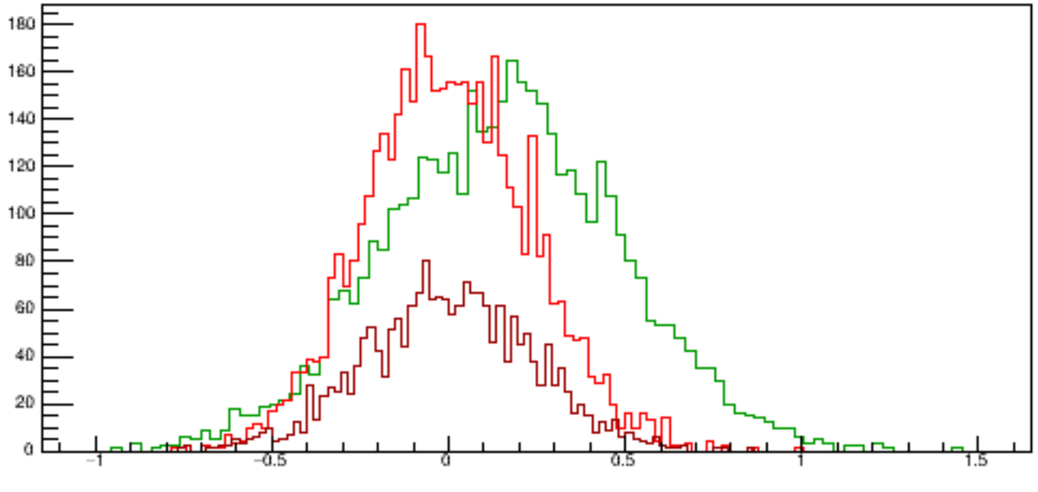

cavPowerCalibrated:mpsCoda {mpsCoda>=167866 && mpsCoda<=230433}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=167866 && mpsCoda<=230433}
bcm
mpsCoda
×10^3

Cycle 4, Diffs

Entries: 4563	Entries: 4353	Entries: 2031
Mean: -0.0004 +/- 0.0034	Mean: 0.1539 +/- 0.0050	Mean: 0.0023 +/- 0.0052
Std Dev: 0.2316 +/- 0.0024	Std Dev: 0.3318 +/- 0.0036	Std Dev: 0.2359 +/- 0.0037

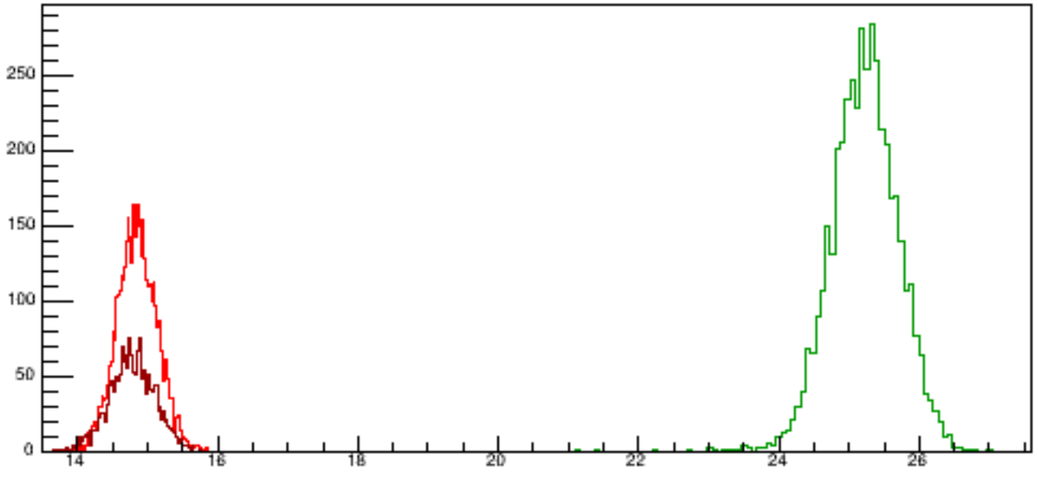
Run 4548 quartetwise, Diffs



Cycle 4, Sums

Entries: 4563	Entries: 4353	Entries: 2031
Mean: 14.8533 +/- 0.0042	Mean: 25.2175 +/- 0.0073	Mean: 14.7800 +/- 0.0071
Std Dev: 0.2831 +/- 0.0030	Std Dev: 0.4805 +/- 0.0051	Std Dev: 0.3190 +/- 0.0050

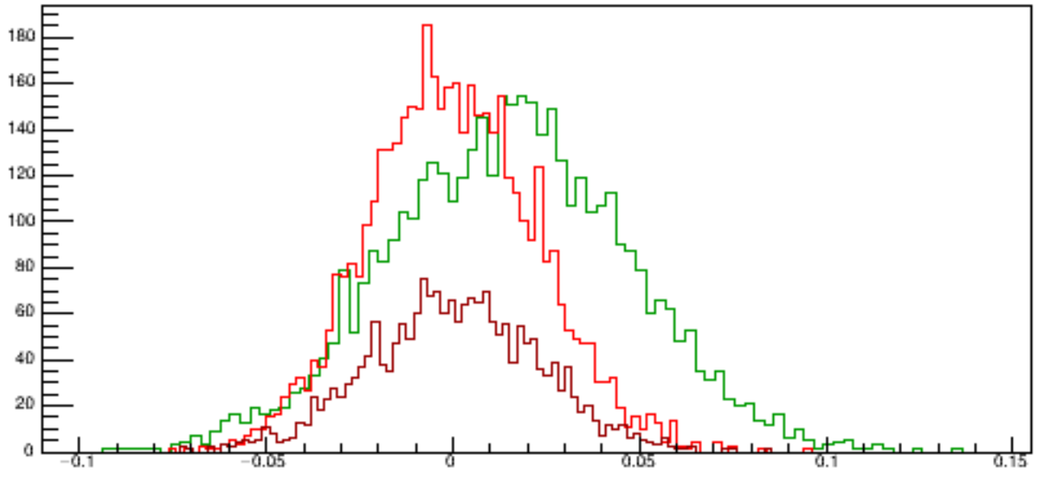
Run 4548 quartetwise, Sums

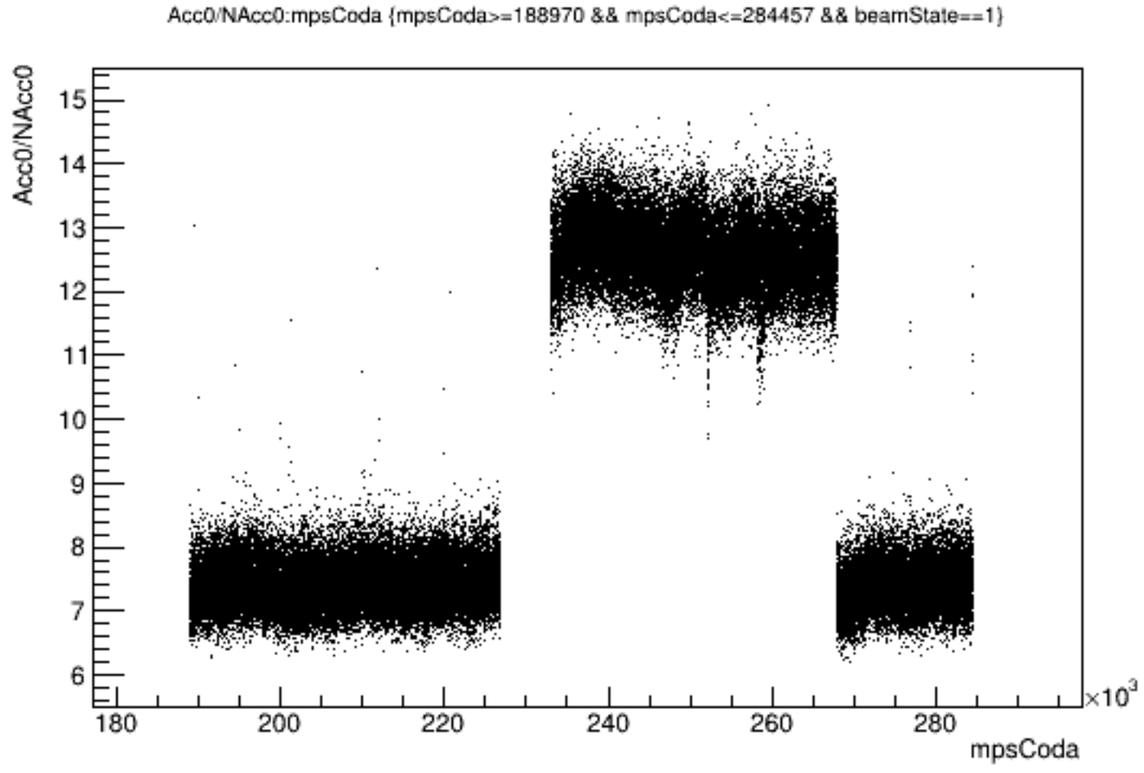


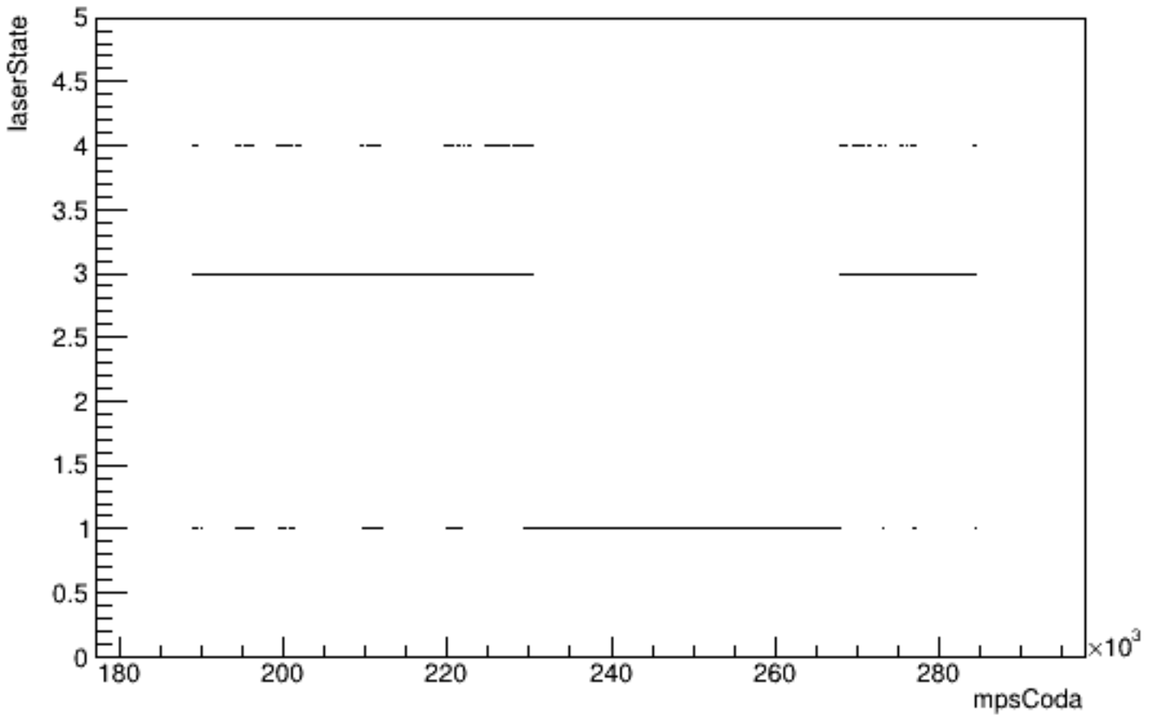
Cycle 4, Asyms

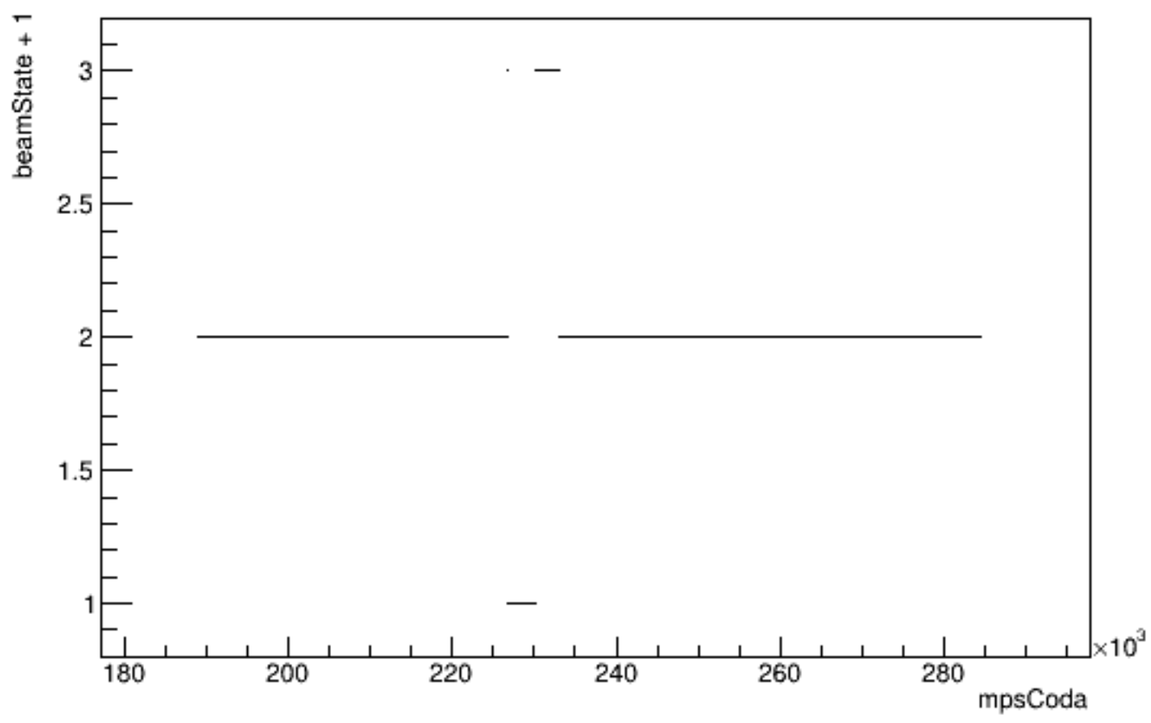
Entries: 4563	Entries: 4353	Entries: 2031
Mean: -0.0000 +/- 0.0003	Mean: 0.0148 +/- 0.0005	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0223 +/- 0.0002	Std Dev: 0.0320 +/- 0.0003	Std Dev: 0.0227 +/- 0.0004

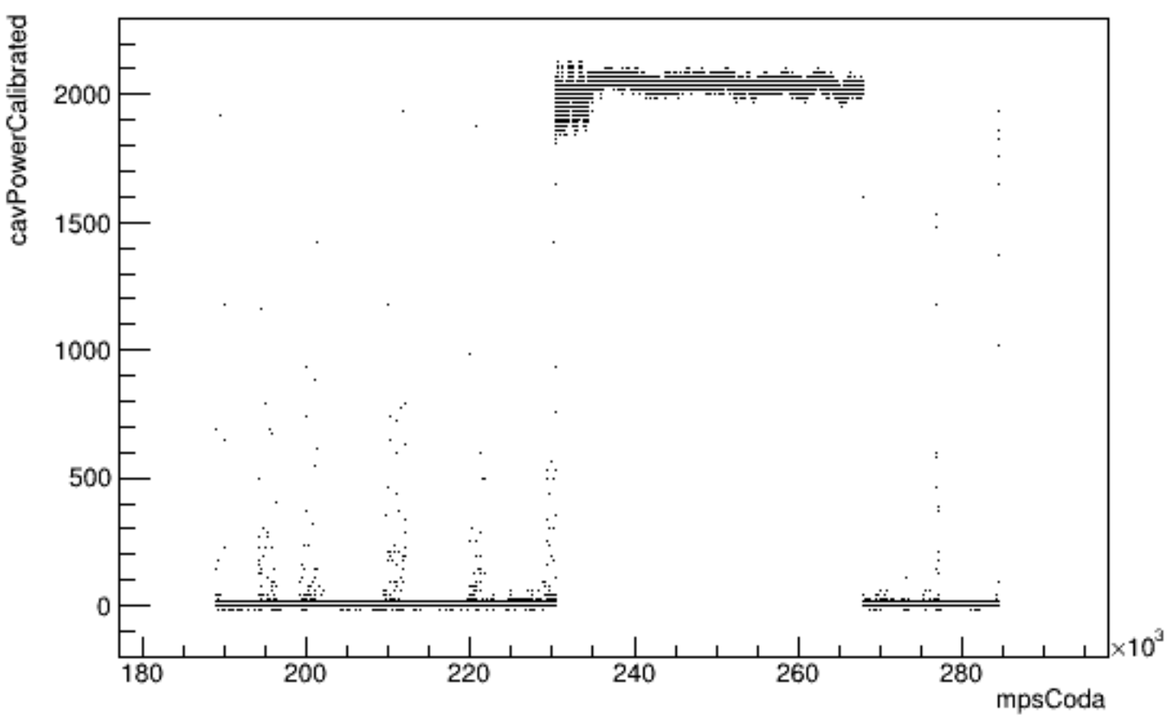
Run 4548 quartetwise, Asyms

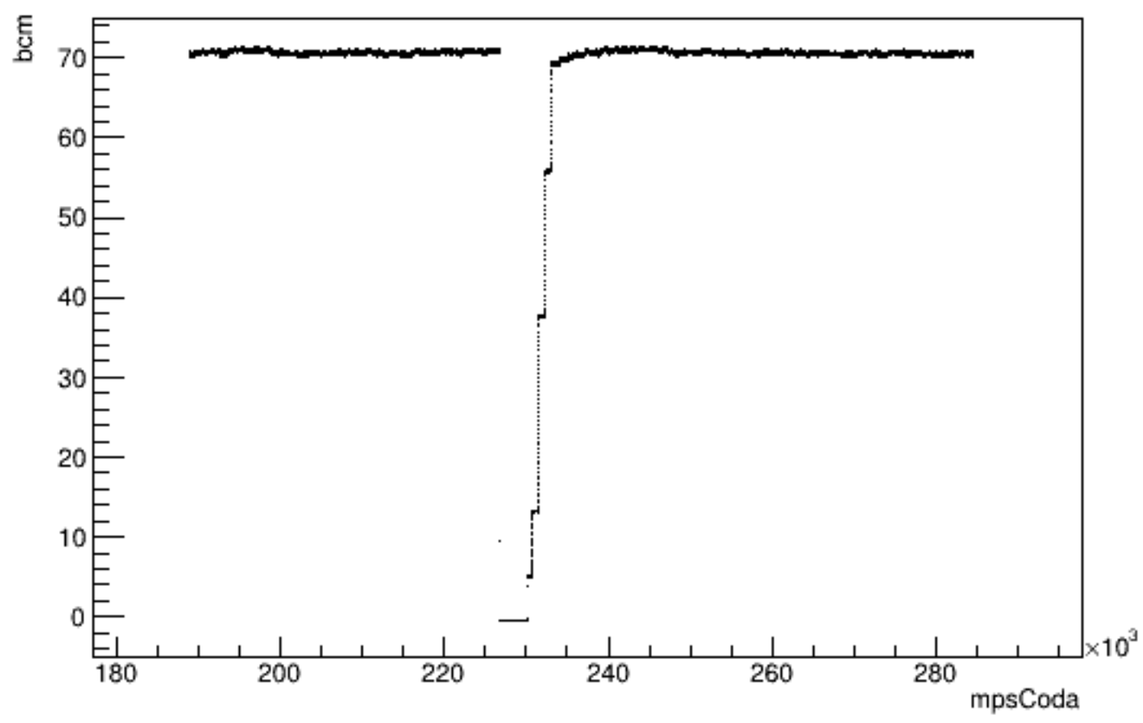





laserState:mpsCoda {mpsCoda>=188970 && mpsCoda<=284457}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=188970 && mpsCoda<=284457}
beamState + 1
mpsCoda
×10^3

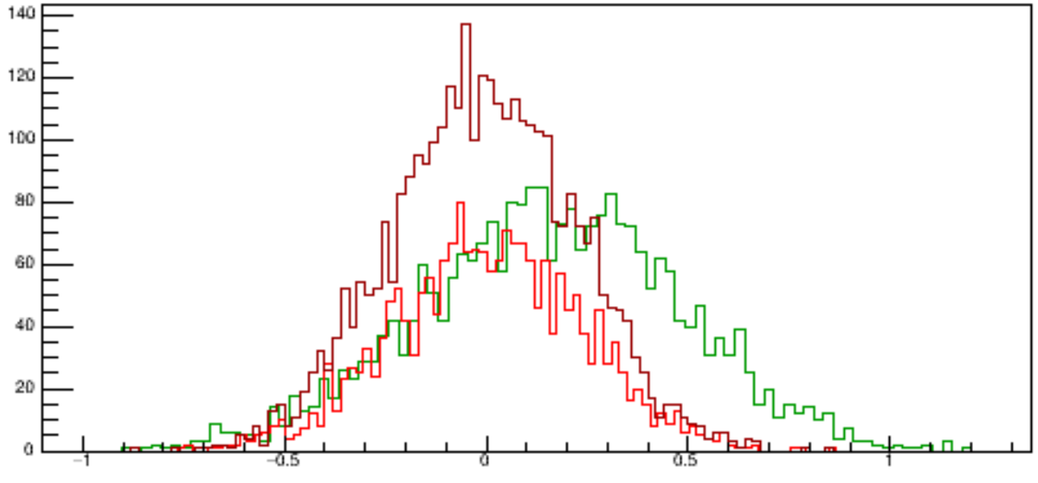

cavPowerCalibrated:mpsCoda {mpsCoda>=188970 && mpsCoda<=284457}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=188970 && mpsCoda<=284457}
bcm
mpsCoda
×10^3

Cycle 5, Diffs

Entries: 2031	Entries: 2594	Entries: 3397
Mean: 0.0023 +/- 0.0052	Mean: 0.1553 +/- 0.0064	Mean: -0.0062 +/- 0.0039
Std Dev: 0.2359 +/- 0.0037	Std Dev: 0.3267 +/- 0.0045	Std Dev: 0.2292 +/- 0.0028

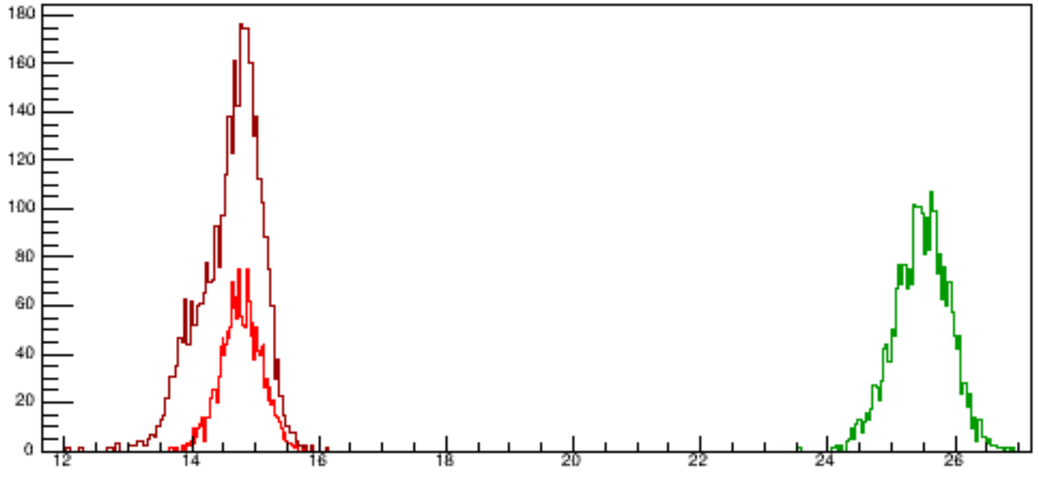
Run 4548 quartetwise, Diffs



Cycle 5, Sums

Entries: 2031	Entries: 2594	Entries: 3397
Mean: 14.7800 +/- 0.0071	Mean: 25.4695 +/- 0.0085	Mean: 14.6162 +/- 0.0082
Std Dev: 0.3190 +/- 0.0050	Std Dev: 0.4328 +/- 0.0060	Std Dev: 0.4752 +/- 0.0058

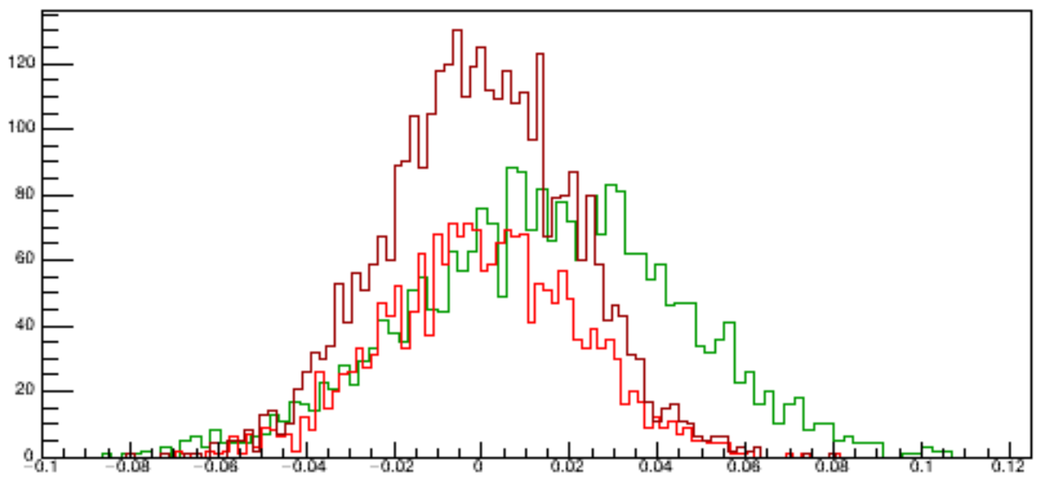
Run 4548 quartetwise, Sums

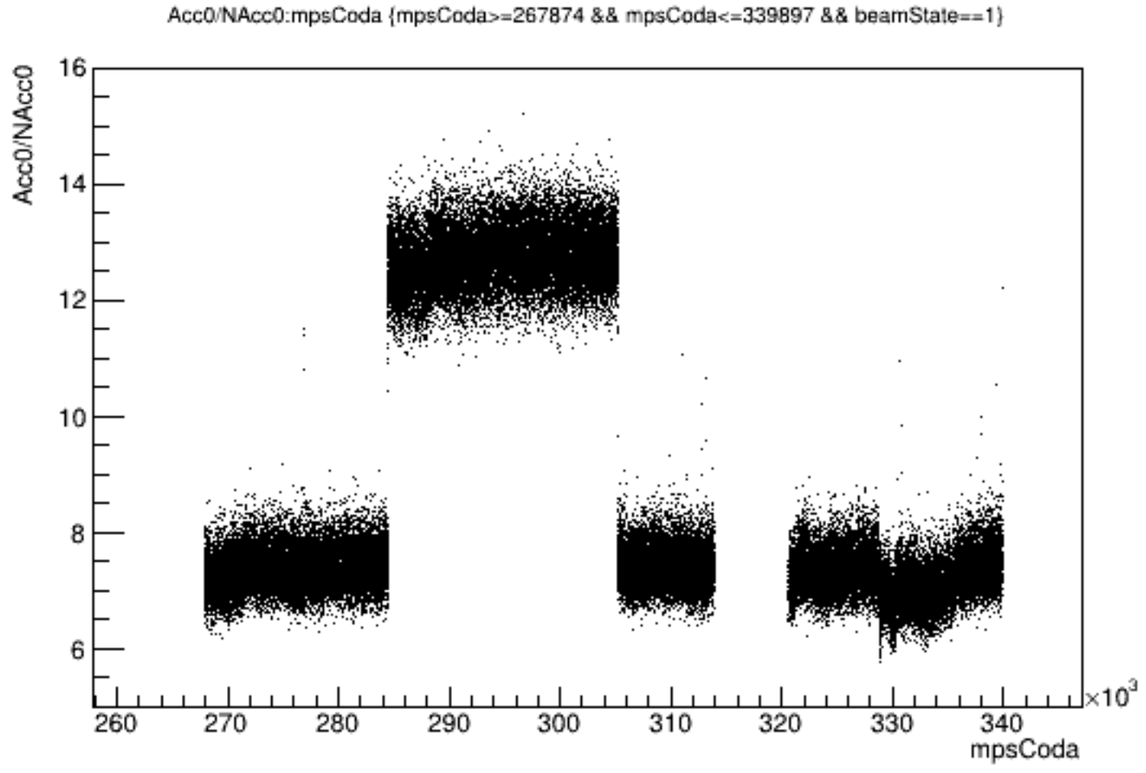


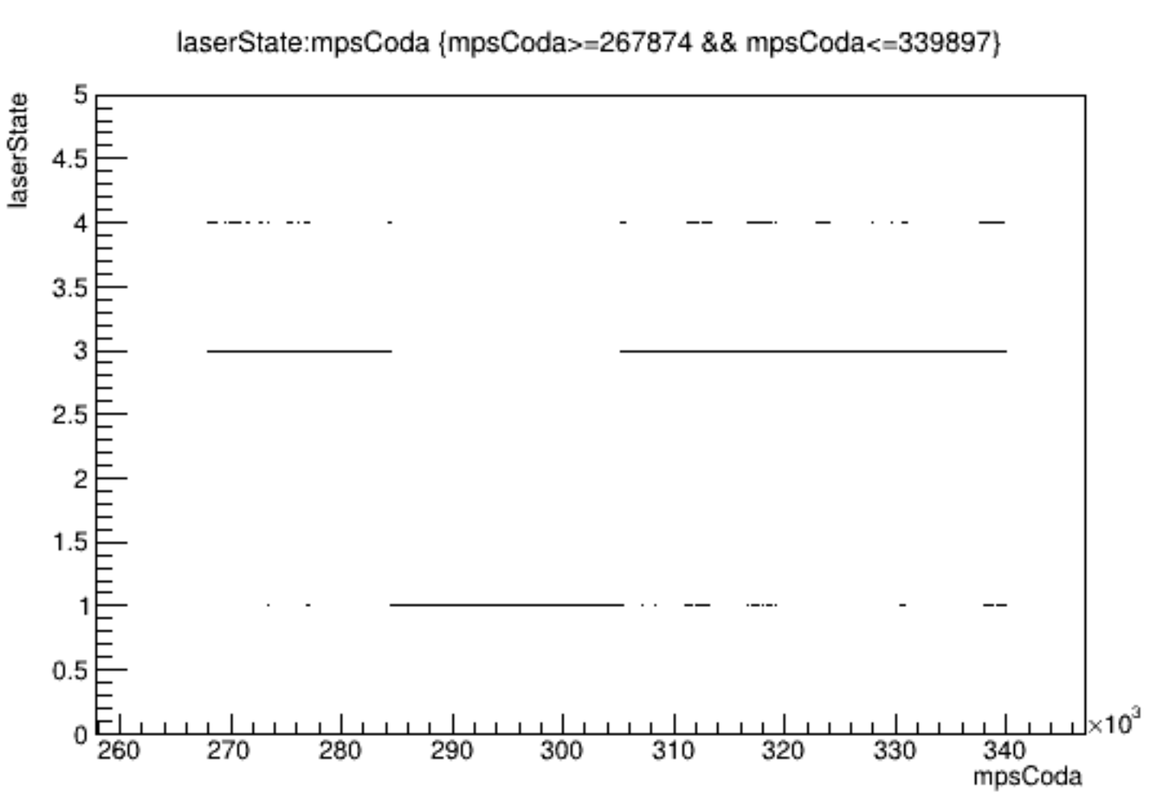
Cycle 5, Asyms

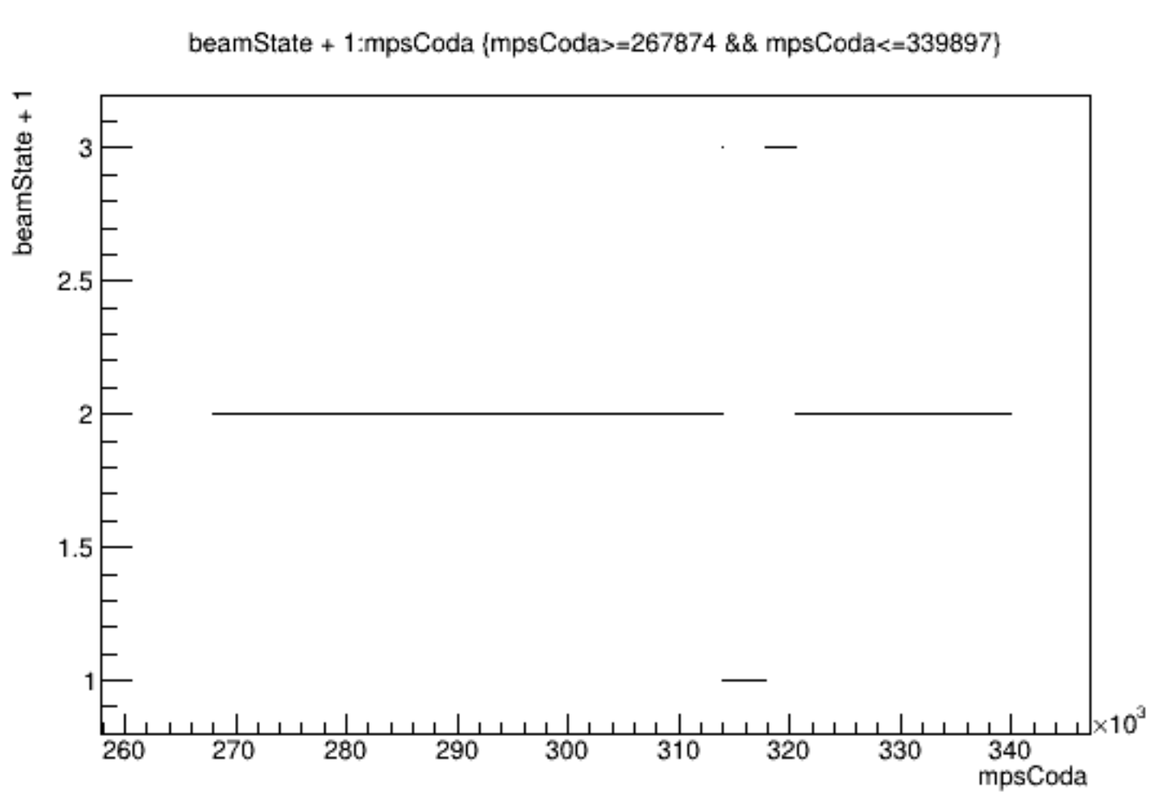
Entries: 2031	Entries: 2594	Entries: 3397
Mean: 0.0002 +/- 0.0005	Mean: 0.0144 +/- 0.0006	Mean: -0.0006 +/- 0.0004
Std Dev: 0.0219 +/- 0.0003	Std Dev: 0.0304 +/- 0.0004	Std Dev: 0.0213 +/- 0.0003

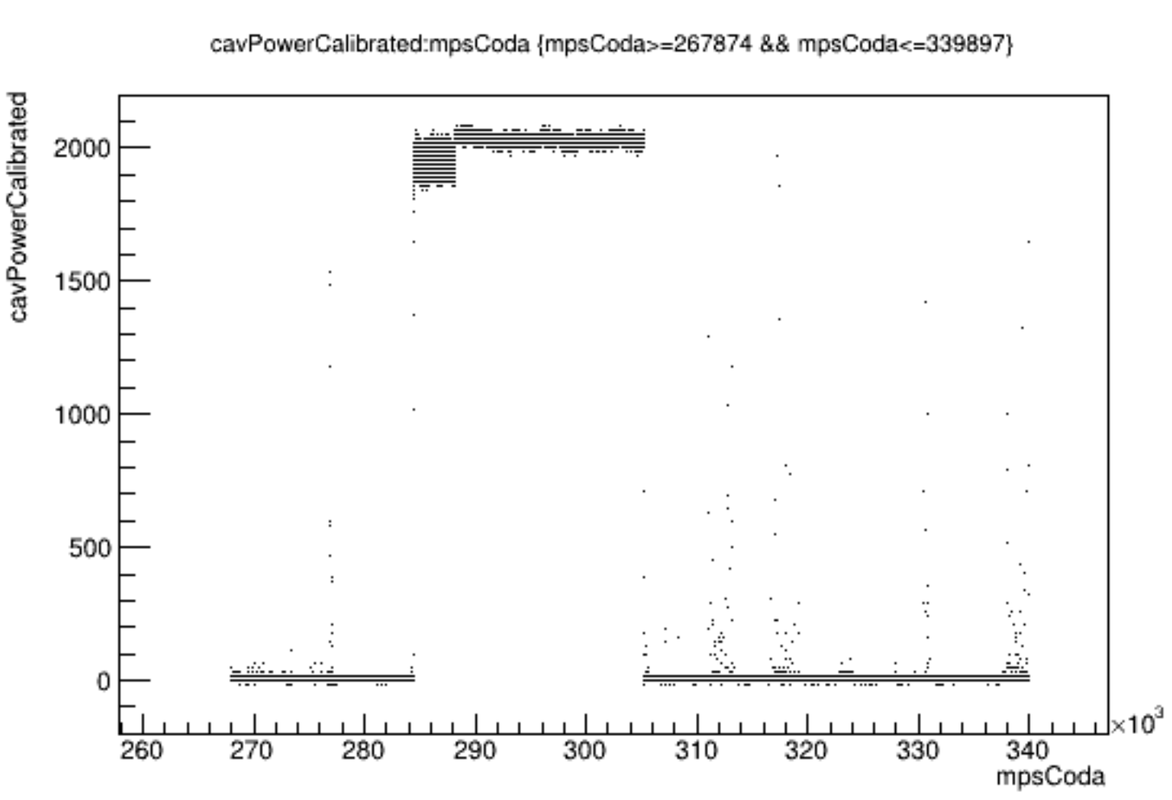
Run 4548 quartetwise, Asyms

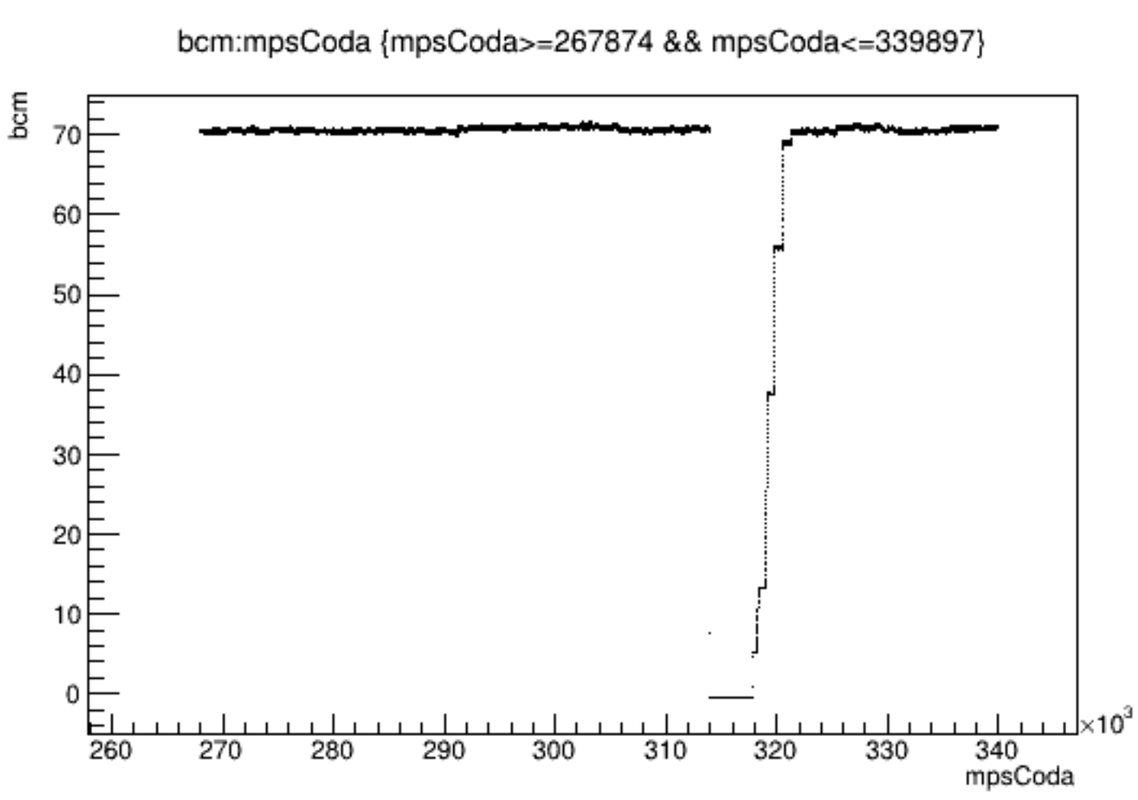





laserState:mpsCoda {mpsCoda>=267874 && mpsCoda<=339897}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=267874 && mpsCoda<=339897}
beamState + 1
mpsCoda
×10^3

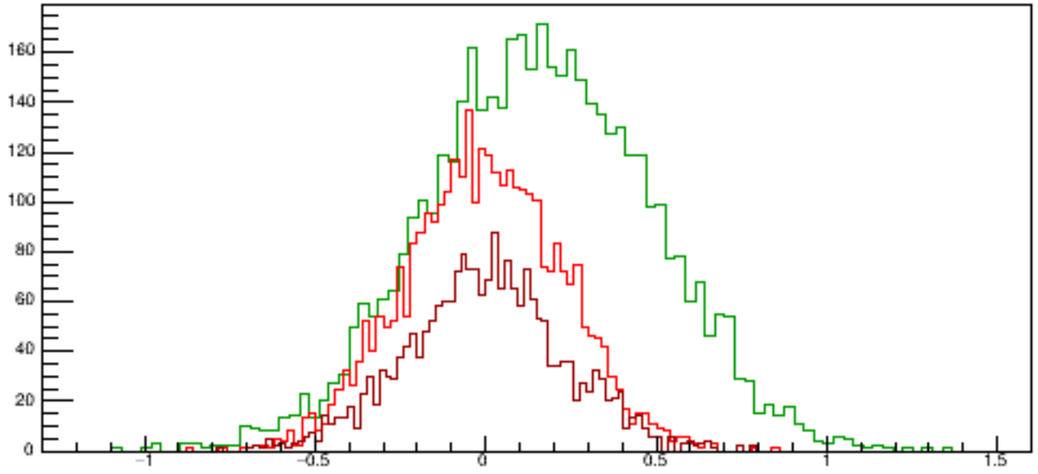

cavPowerCalibrated:mpsCoda {mpsCoda>=267874 && mpsCoda<=339897}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=267874 && mpsCoda<=339897}
bcm
mpsCoda
×10^3

Cycle 6, Diffs

Entries: 3397	Entries: 4649	Entries: 2165
Mean: -0.0062 +/- 0.0039	Mean: 0.1561 +/- 0.0048	Mean: -0.0011 +/- 0.0050
Std Dev: 0.2292 +/- 0.0028	Std Dev: 0.3295 +/- 0.0034	Std Dev: 0.2307 +/- 0.0035

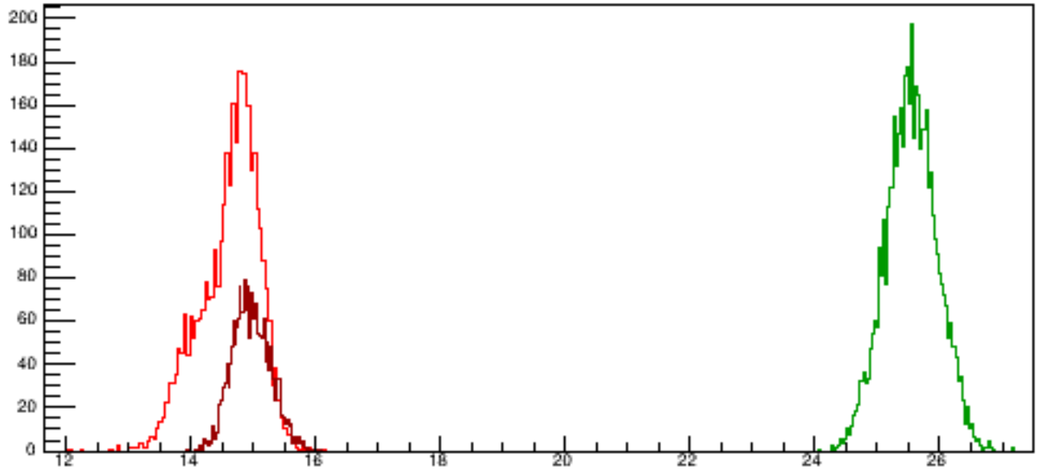
Run 4548 quartetwise, Diffs



Cycle 6, Sums

Entries: 3397	Entries: 4649	Entries: 2165
Mean: 14.6162 +/- 0.0082	Mean: 25.5454 +/- 0.0060	Mean: 14.9711 +/- 0.0067
Std Dev: 0.4752 +/- 0.0058	Std Dev: 0.4122 +/- 0.0043	Std Dev: 0.3126 +/- 0.0048

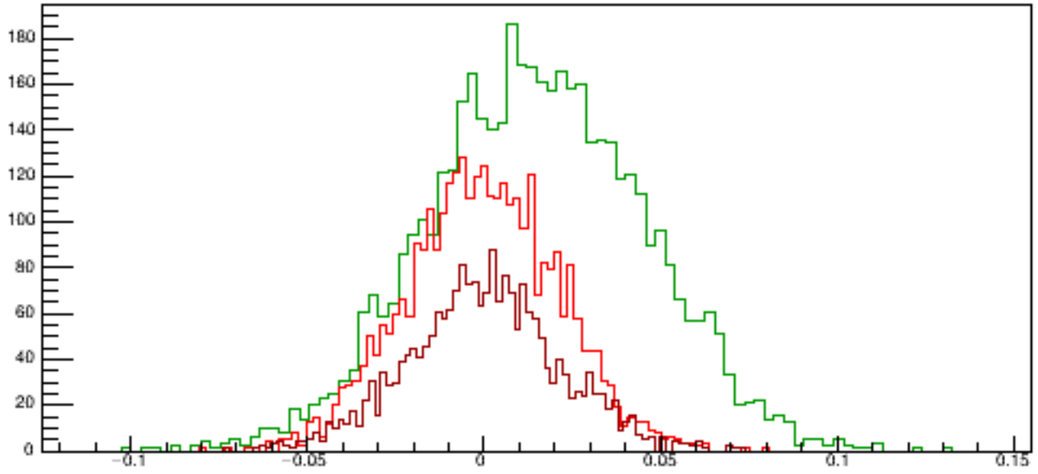
Run 4548 quartetwise, Sums

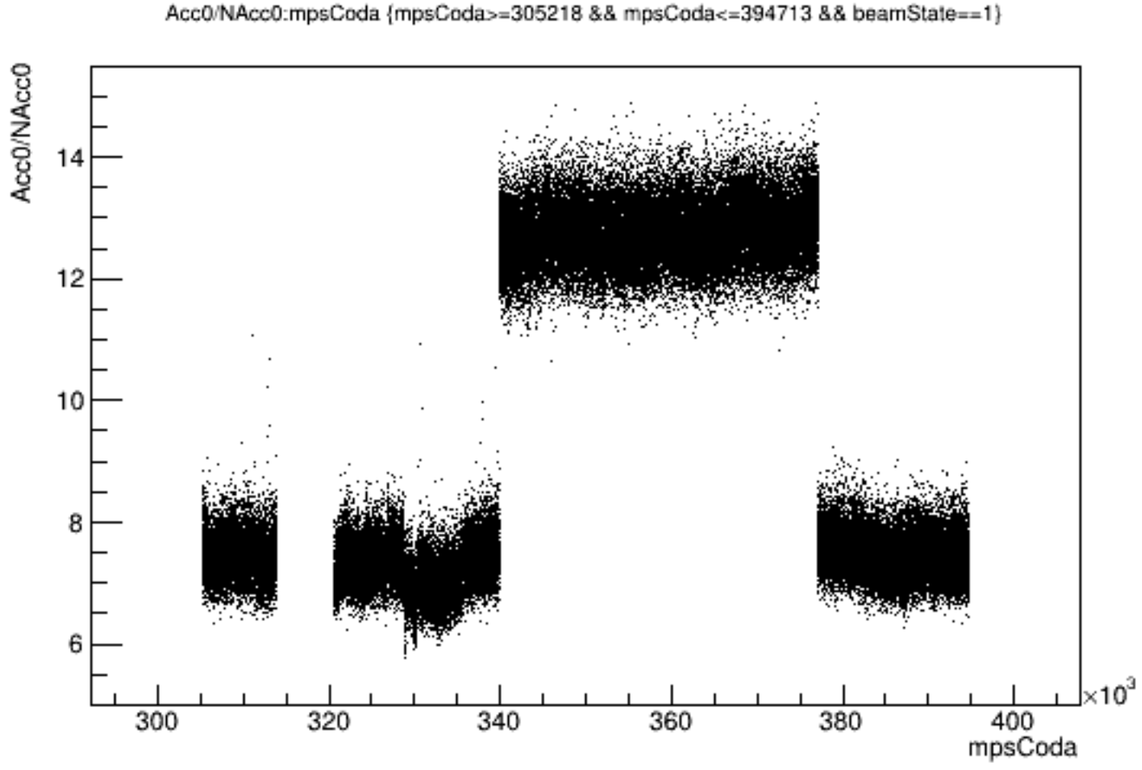


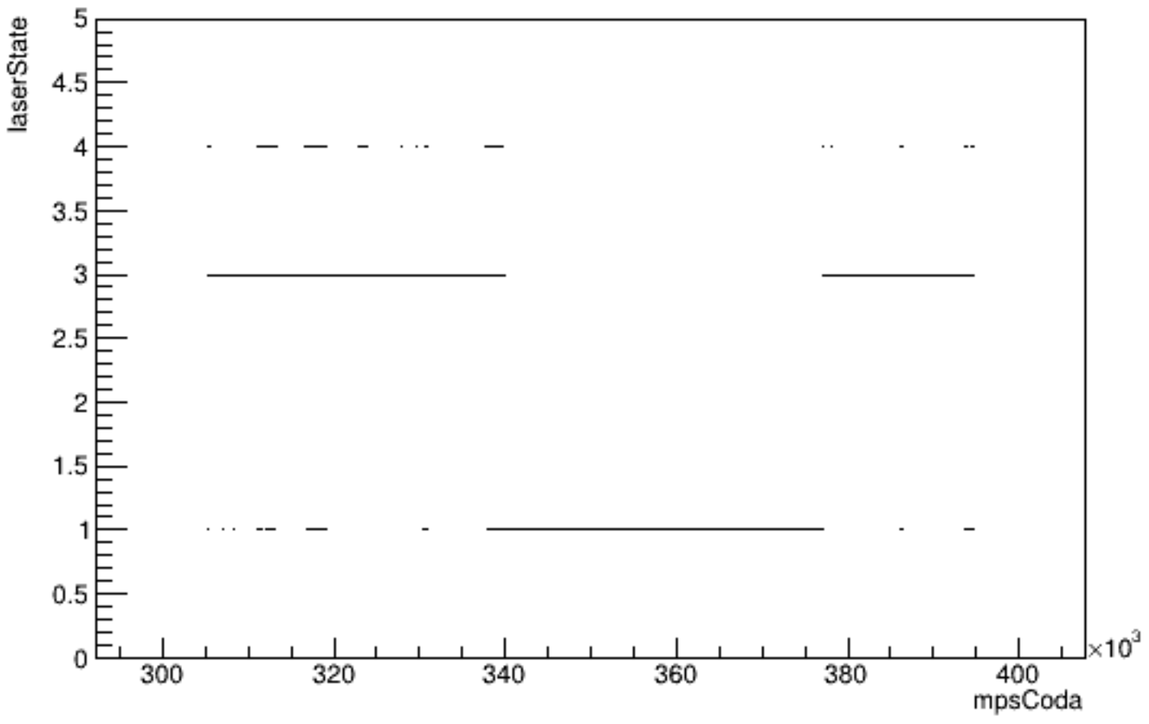
Cycle 6, Asyms

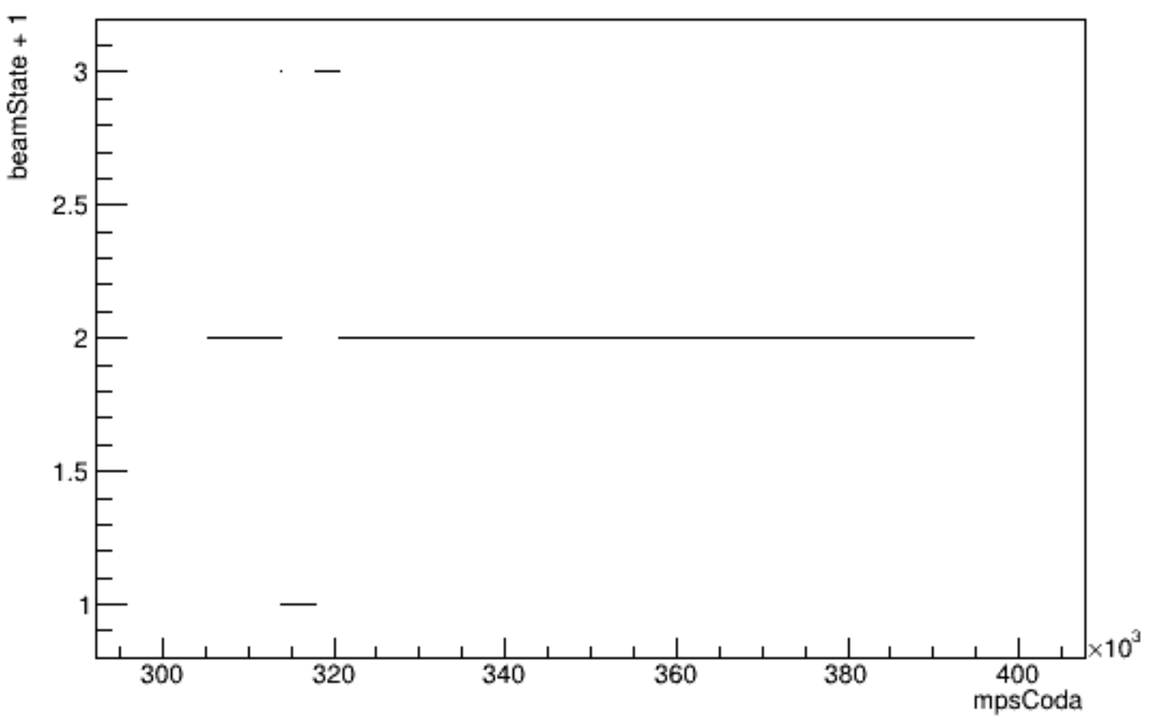
Entries: 3397	Entries: 4649	Entries: 2165
Mean: -0.0006 +/- 0.0004	Mean: 0.0145 +/- 0.0005	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0213 +/- 0.0003	Std Dev: 0.0307 +/- 0.0003	Std Dev: 0.0215 +/- 0.0003

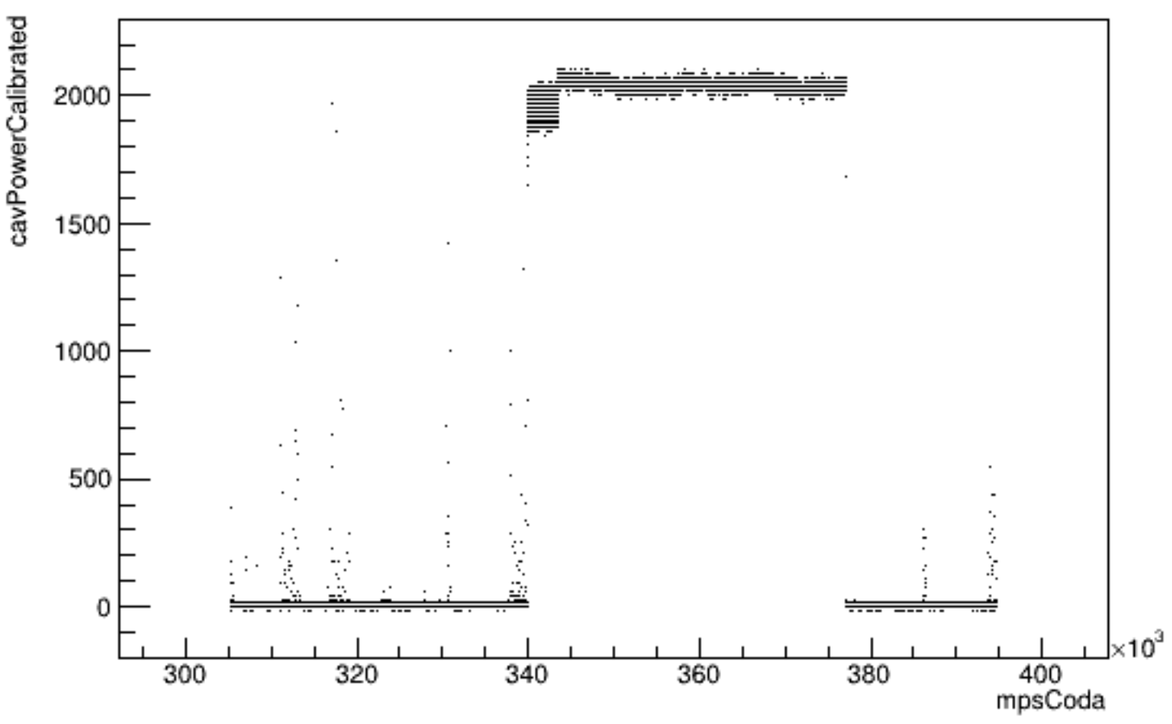
Run 4548 quartetwise, Asyms

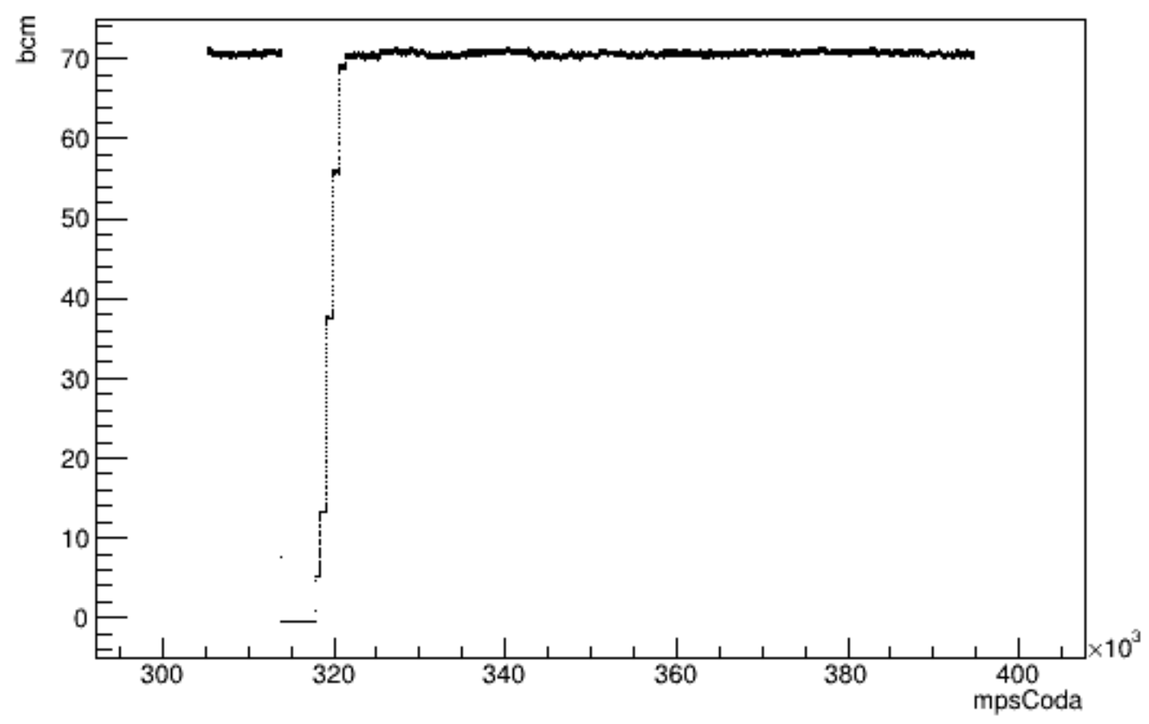





laserState:mpsCoda {mpsCoda>=305218 && mpsCoda<=394713}
laserState
mpsCoda
×10^3

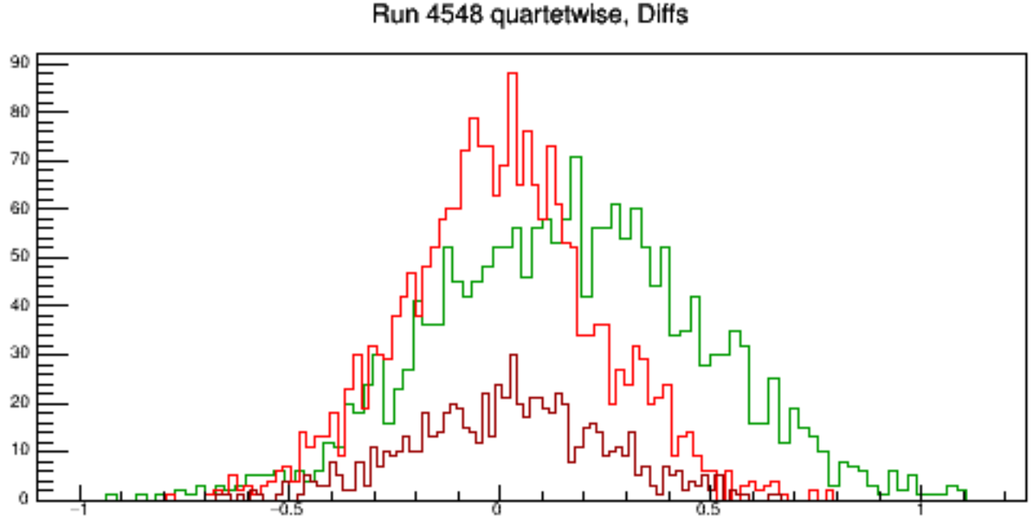

beamState + 1:mpsCoda {mpsCoda>=305218 && mpsCoda<=394713}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=305218 && mpsCoda<=394713}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=305218 && mpsCoda<=394713}
bcm
mpsCoda
×10^3

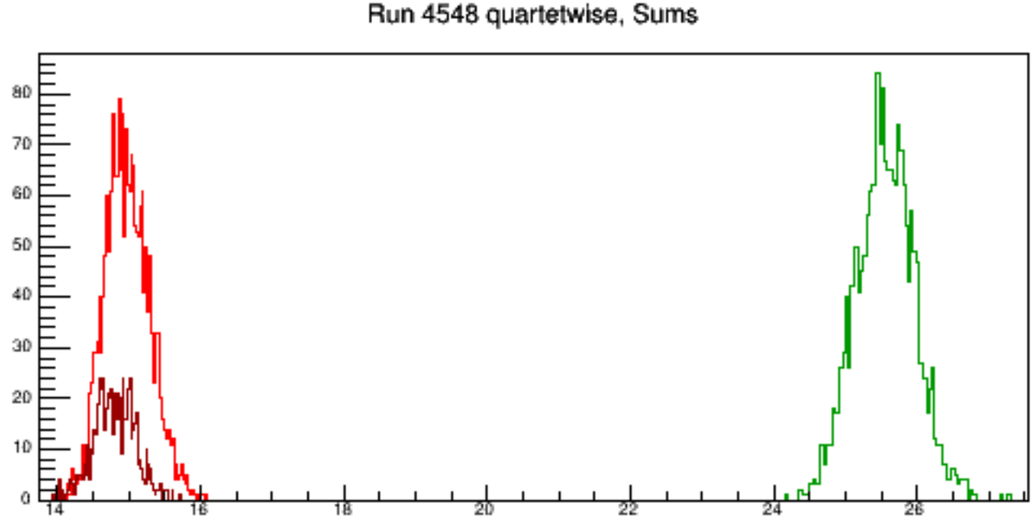
Cycle 7, Diffs

Entries: 2165	Entries: 2005	Entries: 724
Mean: -0.0011 +/- 0.0050	Mean: 0.1618 +/- 0.0071	Mean: 0.0162 +/- 0.0085
Std Dev: 0.2307 +/- 0.0035	Std Dev: 0.3195 +/- 0.0050	Std Dev: 0.2298 +/- 0.0060



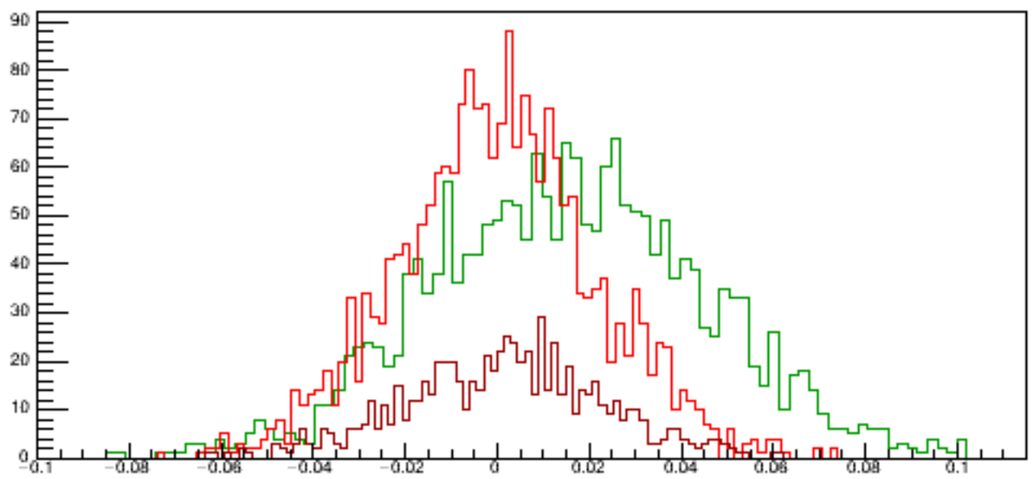
Cycle 7, Sums

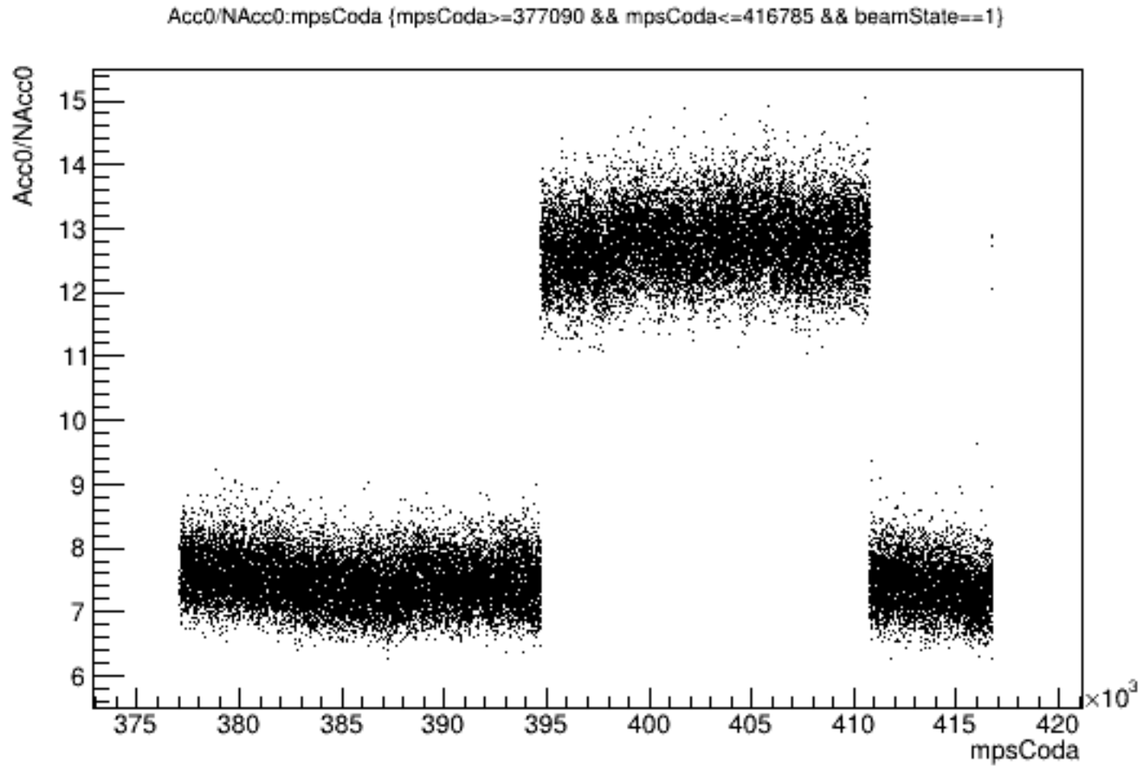
Entries: 2165	Entries: 2005	Entries: 724
Mean: 14.9711 +/- 0.0067	Mean: 25.5499 +/- 0.0092	Mean: 14.7960 +/- 0.0107
Std Dev: 0.3126 +/- 0.0048	Std Dev: 0.4123 +/- 0.0065	Std Dev: 0.2890 +/- 0.0076

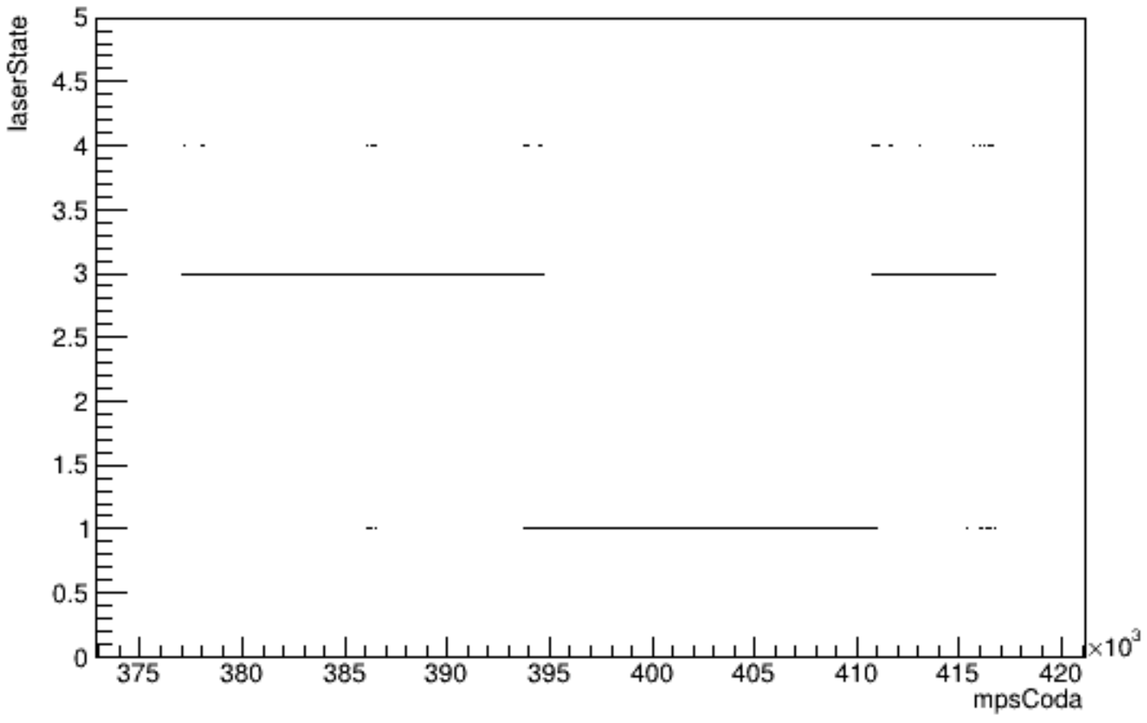


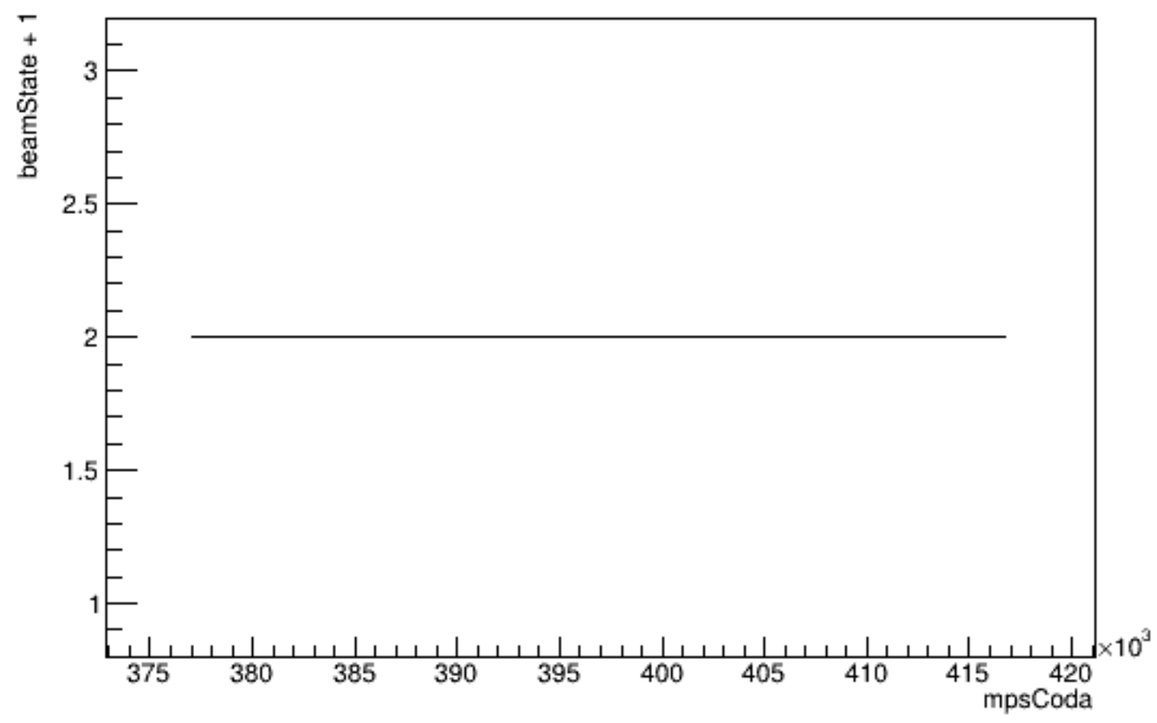
Cycle 7, Asyms

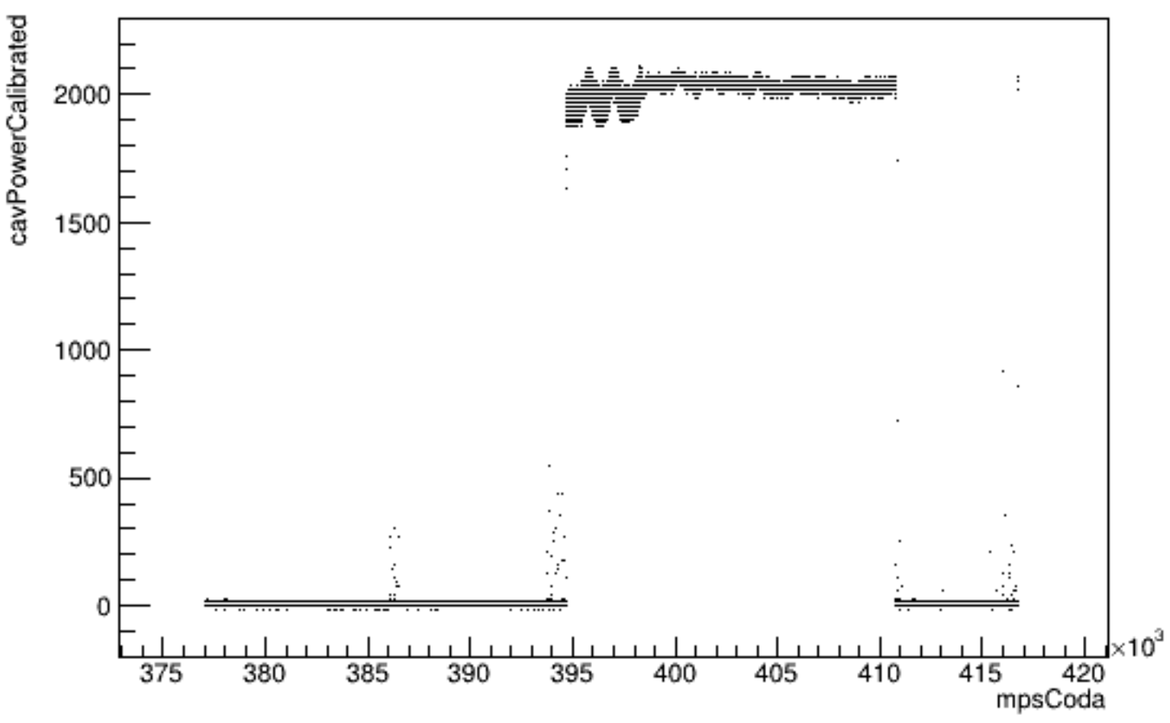
Entries: 2165	Entries: 2005	Entries: 724
Mean: -0.0001 +/- 0.0005	Mean: 0.0152 +/- 0.0007	Mean: 0.0015 +/- 0.0008
Std Dev: 0.0216 +/- 0.0003	Std Dev: 0.0300 +/- 0.0005	Std Dev: 0.0215 +/- 0.0006

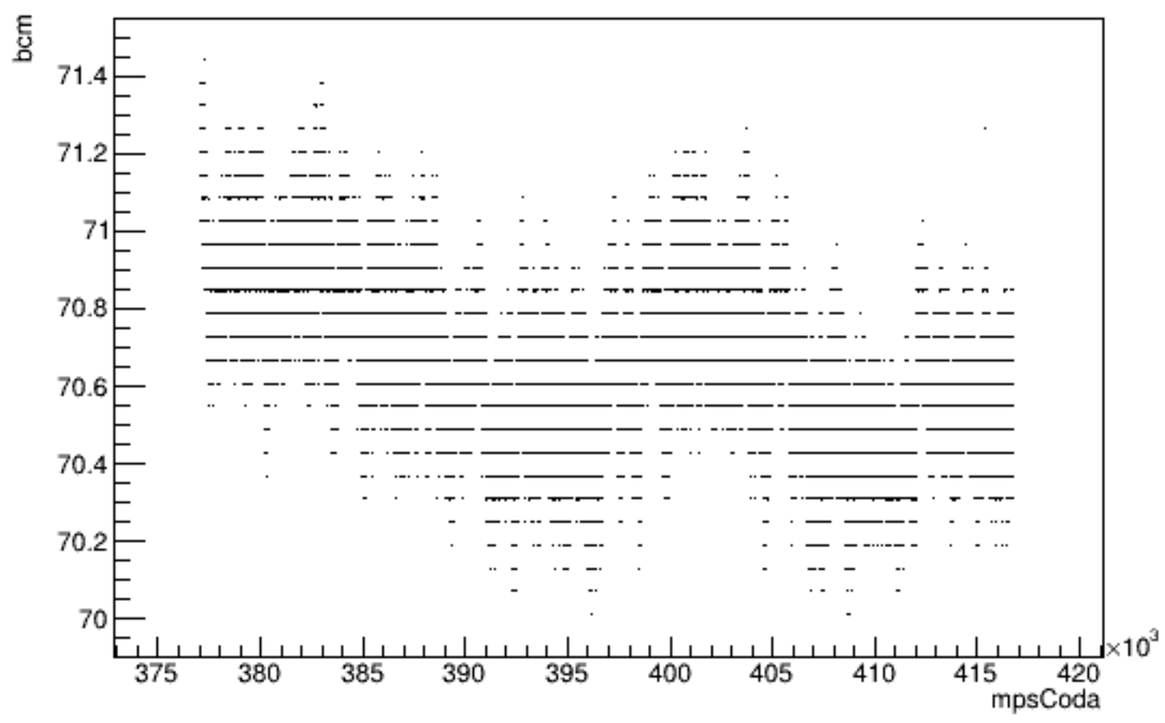





laserState:mpsCoda {mpsCoda>=377090 && mpsCoda<=416785}
laserState
mpsCoda
×10^3

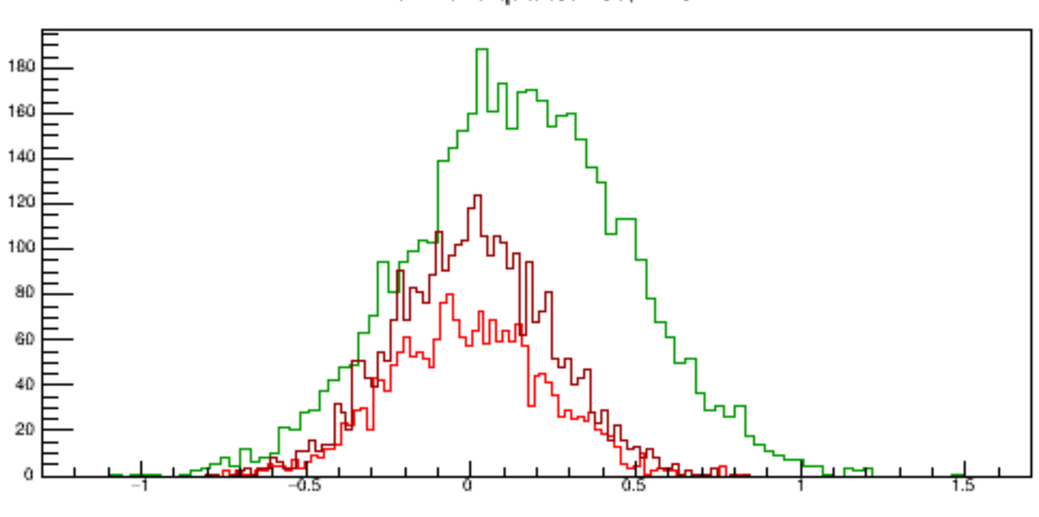

beamState + 1:mpsCoda {mpsCoda>=377090 && mpsCoda<=416785}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=377090 && mpsCoda<=416785}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=377090 && mpsCoda<=416785}
bcm
mpsCoda
×10^3

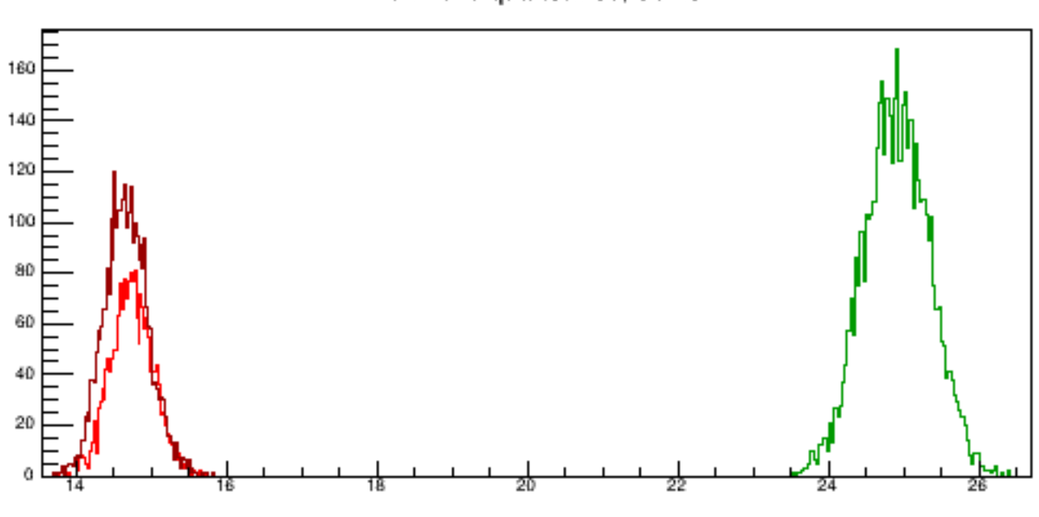
Cycle 8, Diffs

Entries: 2153	Entries: 4686	Entries: 3255
Mean: -0.0086 +/- 0.0051	Mean: 0.1434 +/- 0.0048	Mean: 0.0031 +/- 0.0041
Std Dev: 0.2348 +/- 0.0036	Std Dev: 0.3298 +/- 0.0034	Std Dev: 0.2362 +/- 0.0029



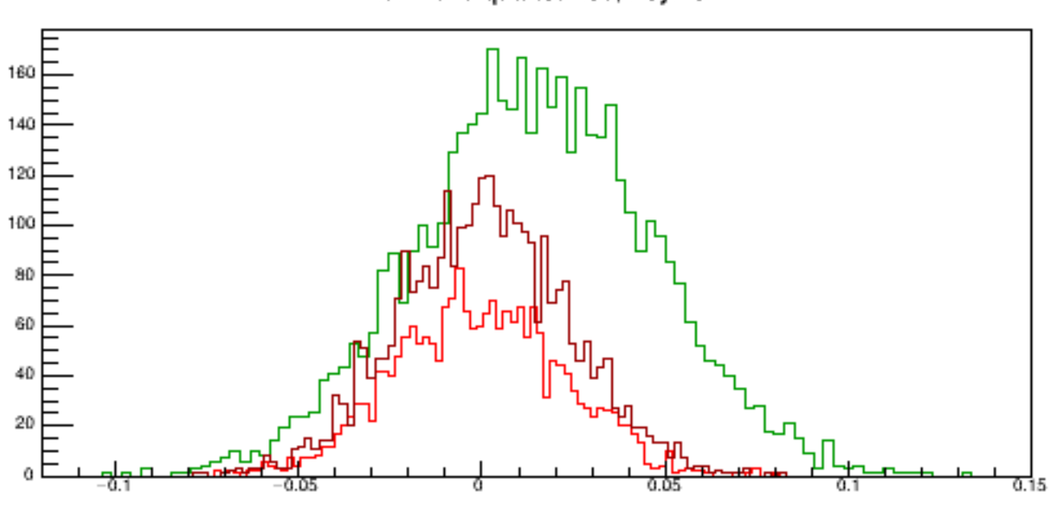
Cycle 8, Sums

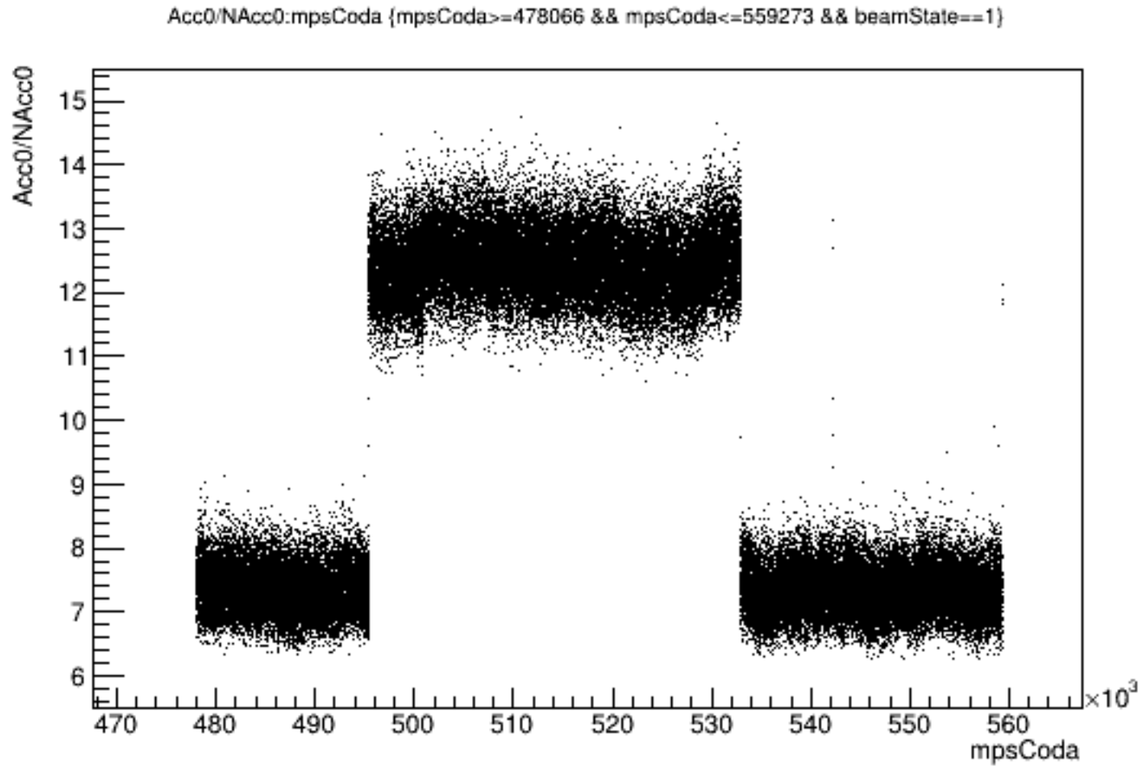
Entries: 2153	Entries: 4686	Entries: 3255
Mean: 14.7400 +/- 0.0060	Mean: 24.9100 +/- 0.0063	Mean: 14.6651 +/- 0.0052
Std Dev: 0.2804 +/- 0.0043	Std Dev: 0.4320 +/- 0.0045	Std Dev: 0.2955 +/- 0.0037

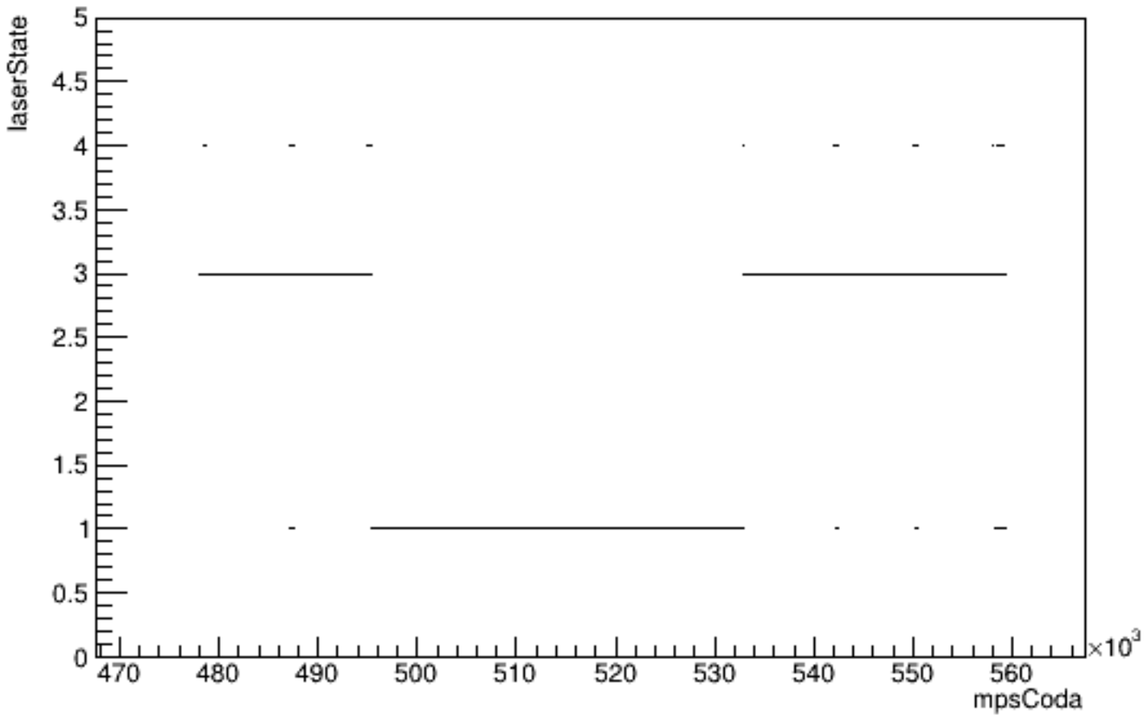


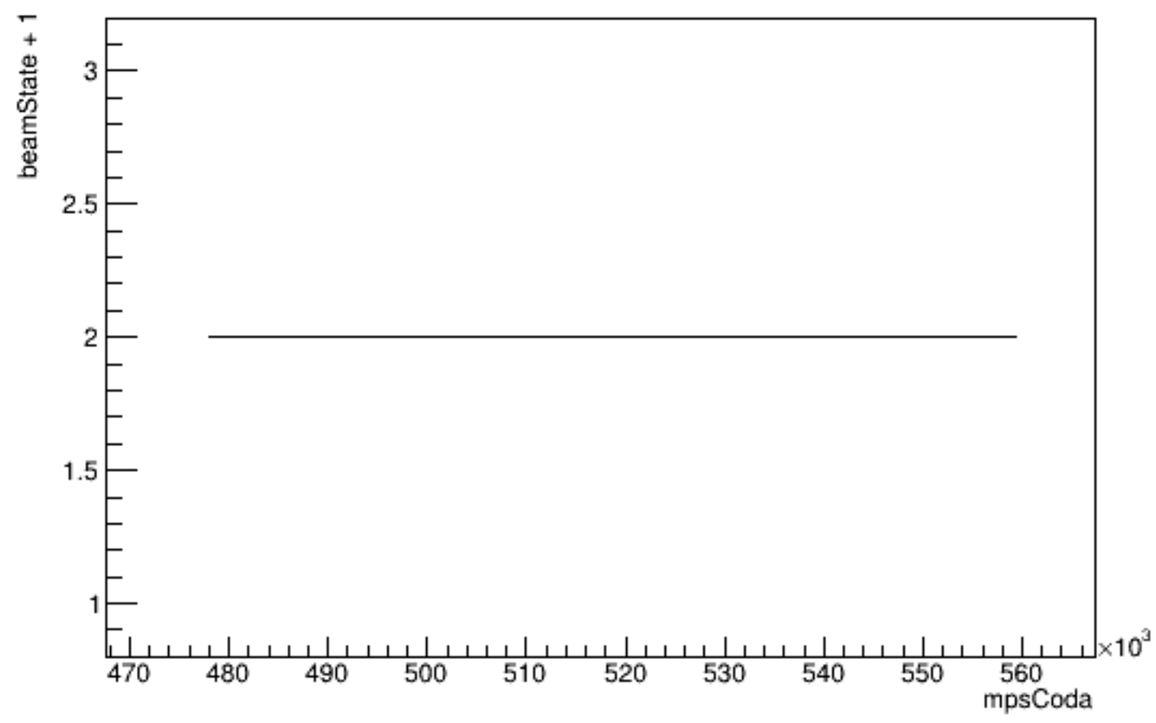
Cycle 8, Asyms

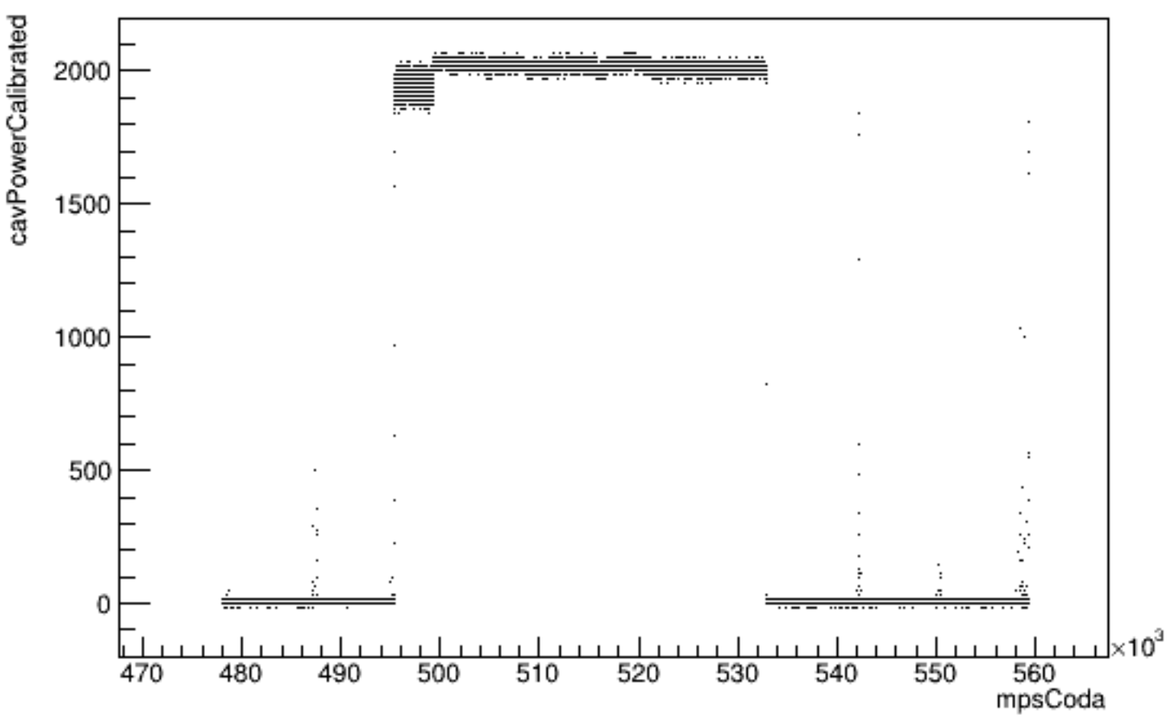
Entries: 2153	Entries: 4686	Entries: 3255
Mean: -0.0008 +/- 0.0005	Mean: 0.0140 +/- 0.0005	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0230 +/- 0.0004	Std Dev: 0.0323 +/- 0.0003	Std Dev: 0.0231 +/- 0.0003

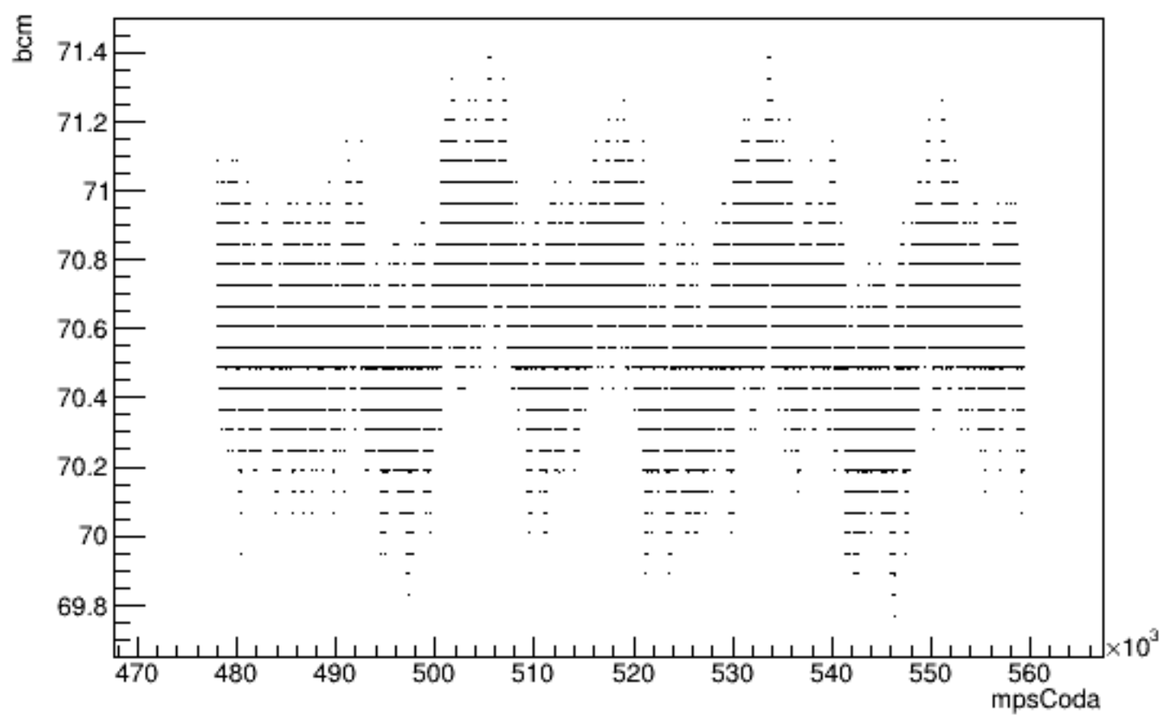





laserState:mpsCoda {mpsCoda>=478066 && mpsCoda<=559273}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=478066 && mpsCoda<=559273}
beamState + 1
mpsCoda
×10^3

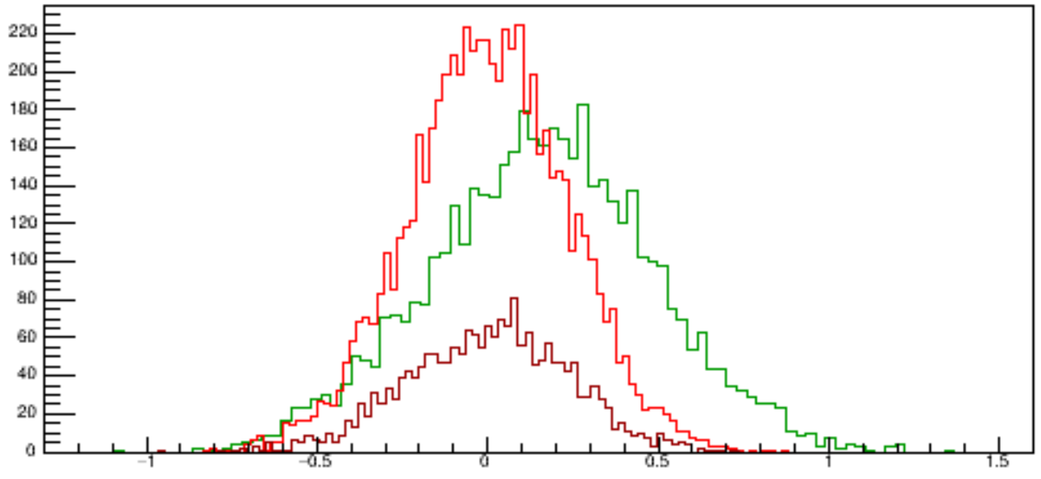

cavPowerCalibrated:mpsCoda {mpsCoda>=478066 && mpsCoda<=559273}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=478066 && mpsCoda<=559273}
bcm
mpsCoda
×10^3

Cycle 9, Diffs

Entries: 6489	Entries: 4621	Entries: 1952
Mean: 0.0008 +/- 0.0029	Mean: 0.1589 +/- 0.0048	Mean: 0.0017 +/- 0.0053
Std Dev: 0.2334 +/- 0.0020	Std Dev: 0.3280 +/- 0.0034	Std Dev: 0.2355 +/- 0.0038

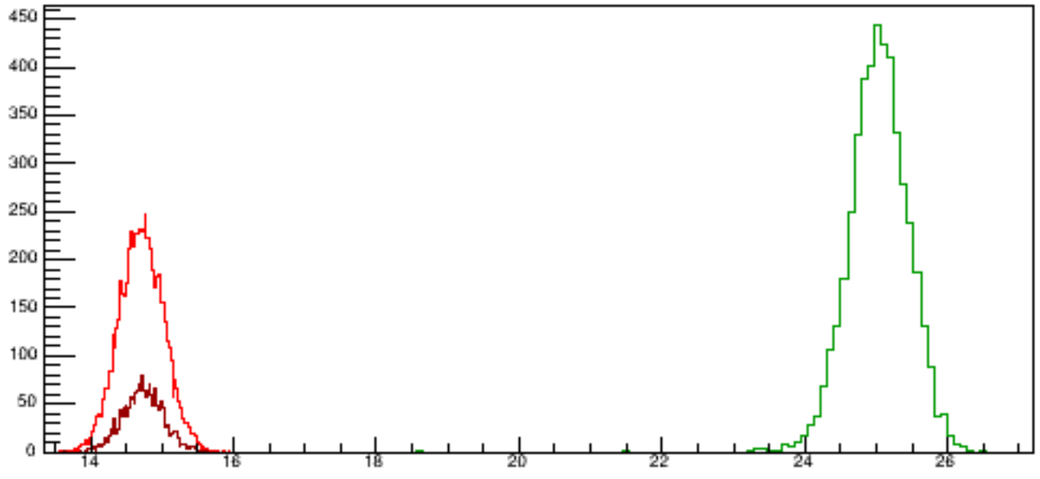
Run 4548 quartetwise, Diffs



Cycle 9, Sums

Entries: 6489	Entries: 4621	Entries: 1952
Mean: 14.7108 +/- 0.0039	Mean: 25.0325 +/- 0.0062	Mean: 14.7298 +/- 0.0064
Std Dev: 0.3104 +/- 0.0027	Std Dev: 0.4214 +/- 0.0044	Std Dev: 0.2823 +/- 0.0045

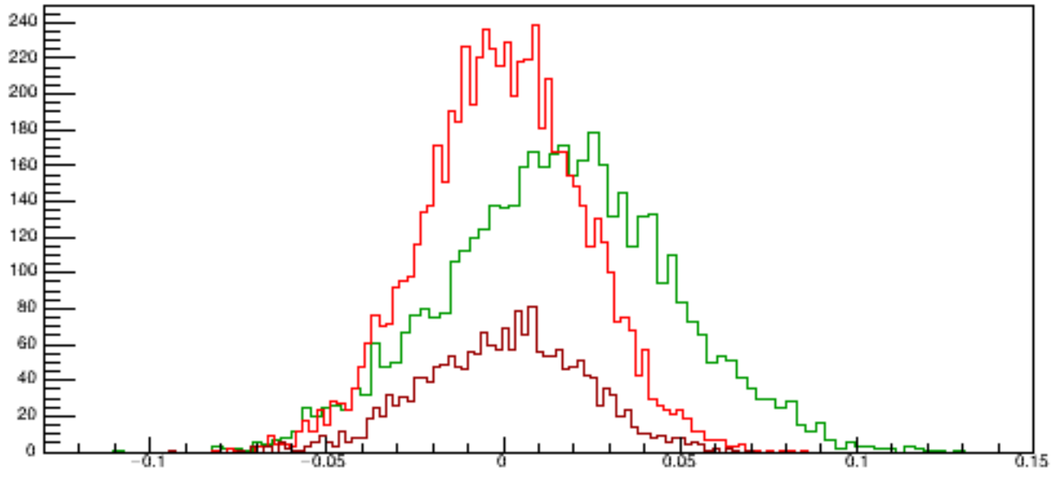
Run 4548 quartetwise, Sums

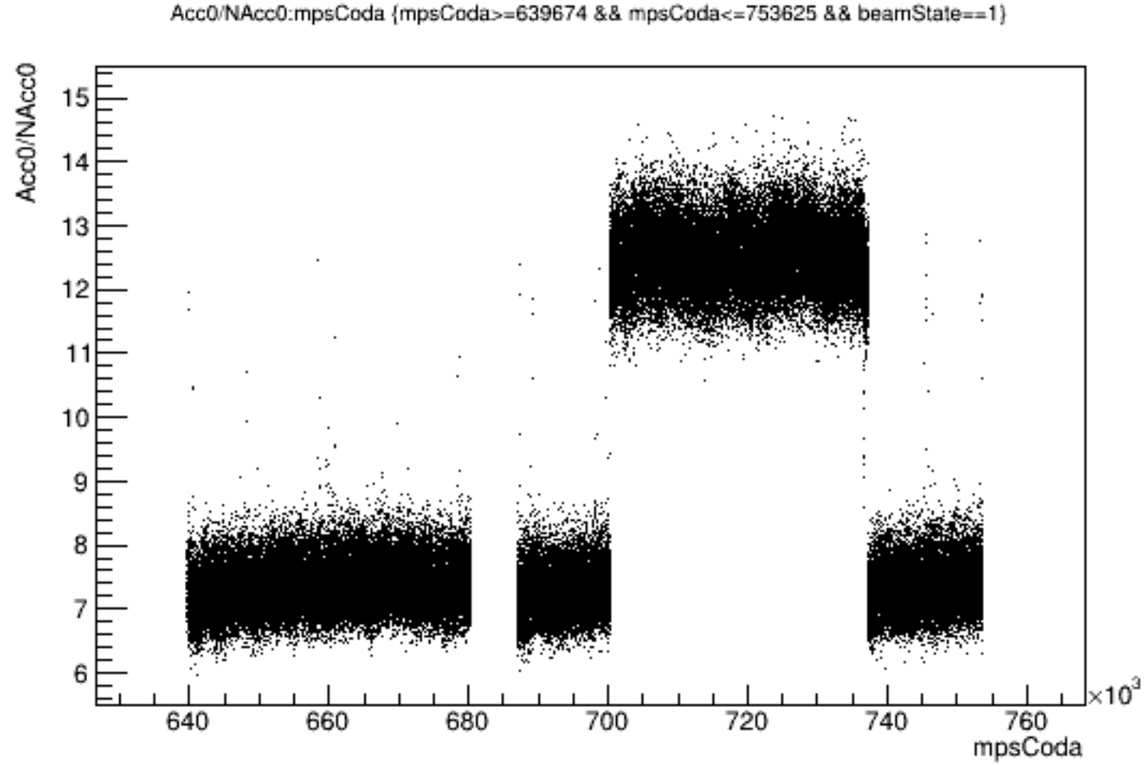


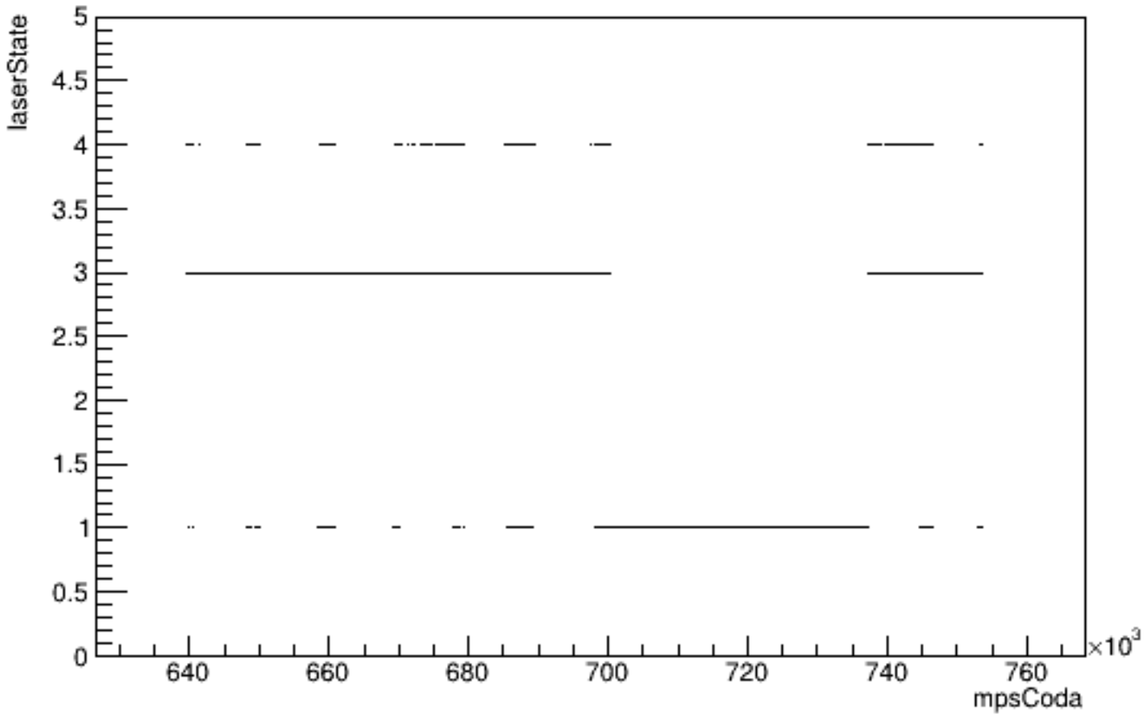
Cycle 9, Asyms

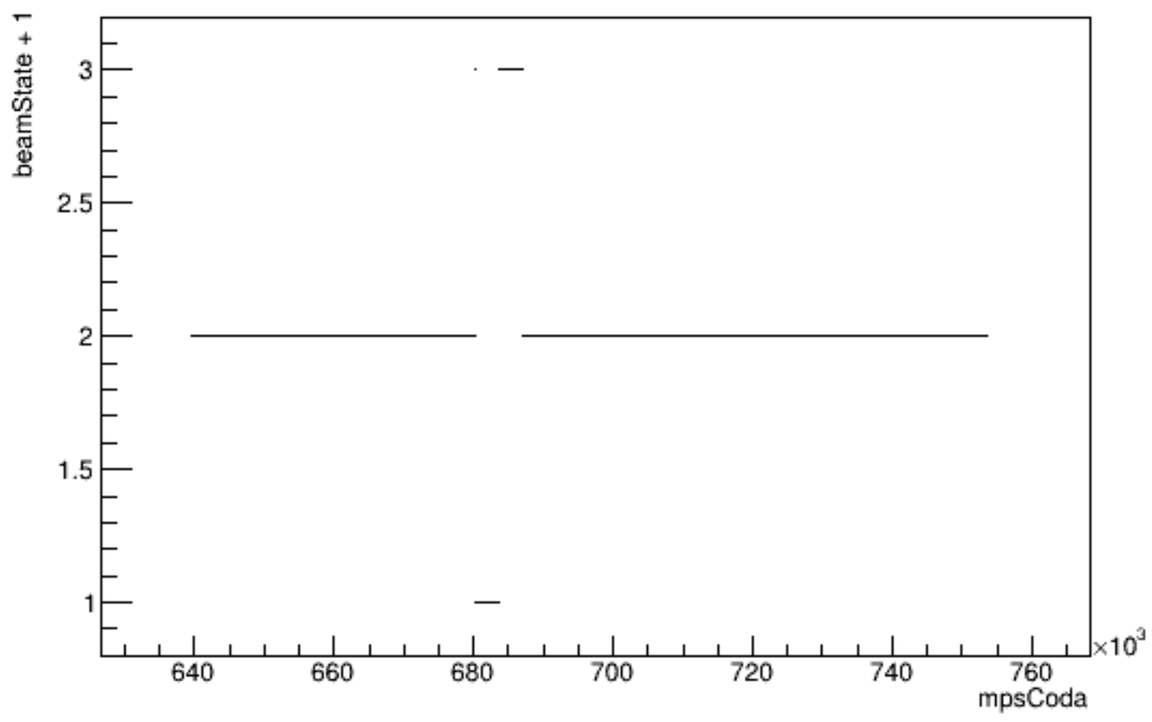
Entries: 6489	Entries: 4621	Entries: 1952
Mean: 0.0001 +/- 0.0003	Mean: 0.0154 +/- 0.0005	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0226 +/- 0.0002	Std Dev: 0.0319 +/- 0.0003	Std Dev: 0.0228 +/- 0.0004

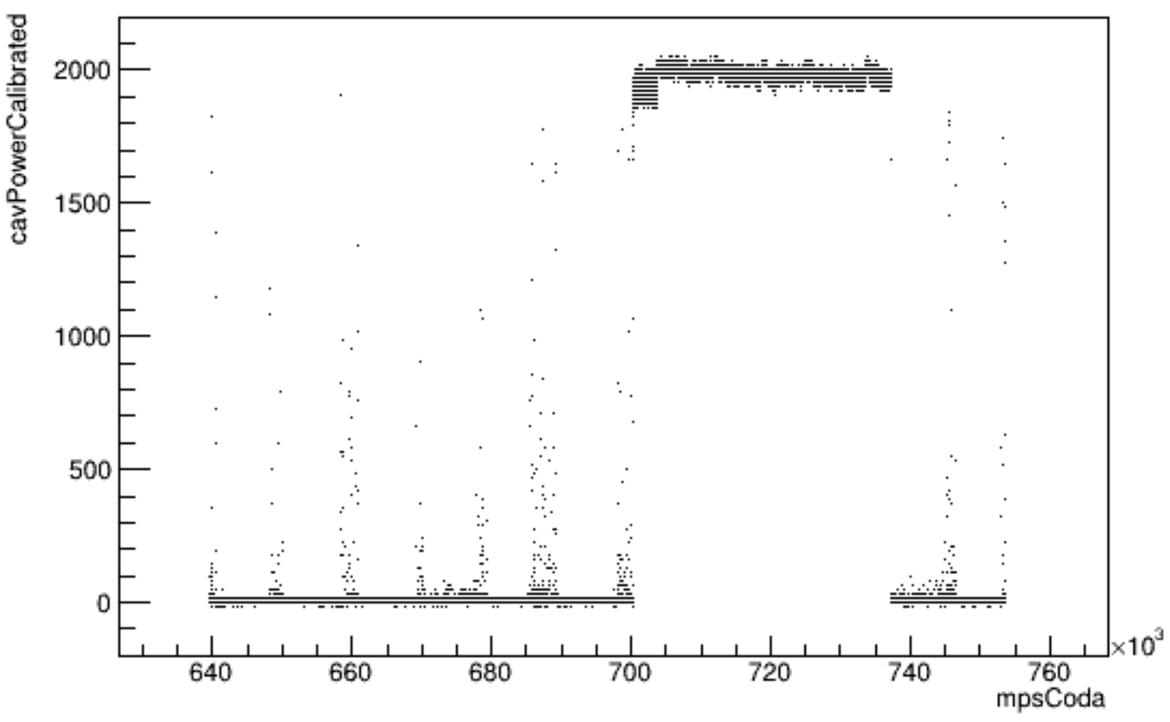
Run 4548 quartetwise, Asyms

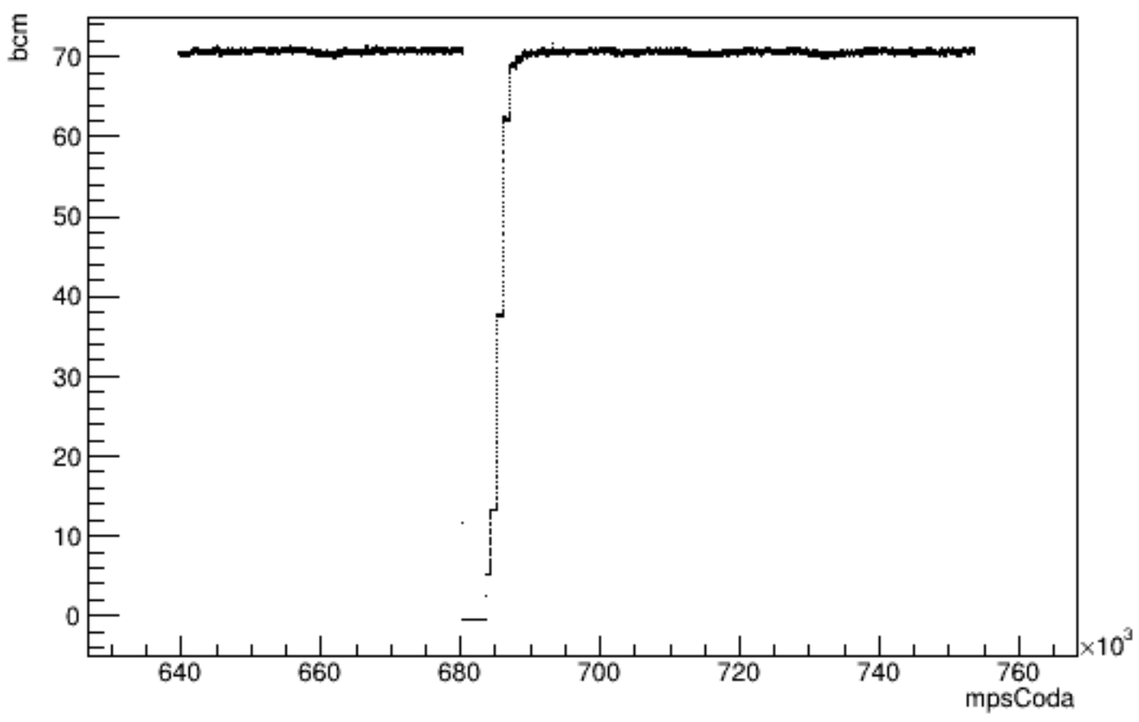





laserState:mpsCoda {mpsCoda>=639674 && mpsCoda<=753625}
laserState
mpsCoda
×10^3

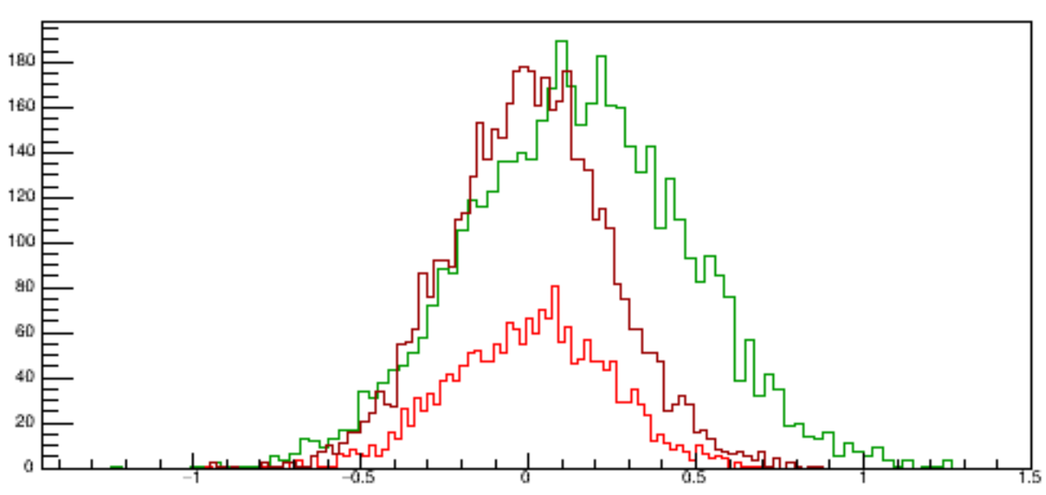

beamState + 1:mpsCoda {mpsCoda>=639674 && mpsCoda<=753625}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=639674 && mpsCoda<=753625}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=639674 && mpsCoda<=753625}
bcm
mpsCoda
×10^3

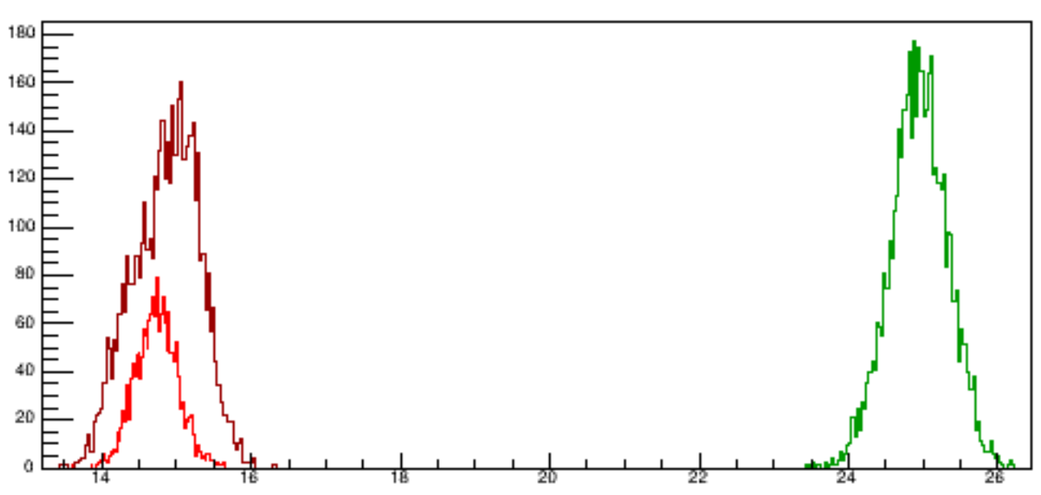
Cycle 10, Diffs

Entries: 1952	Entries: 4689	Entries: 4668
Mean: 0.0017 +/- 0.0053	Mean: 0.1445 +/- 0.0048	Mean: 0.0019 +/- 0.0035
Std Dev: 0.2355 +/- 0.0038	Std Dev: 0.3287 +/- 0.0034	Std Dev: 0.2393 +/- 0.0025



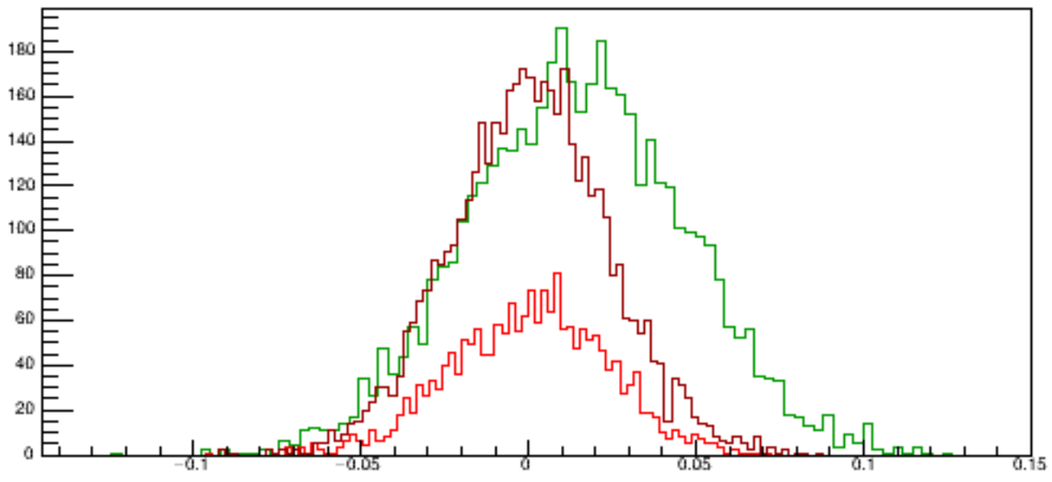
Cycle 10, Sums

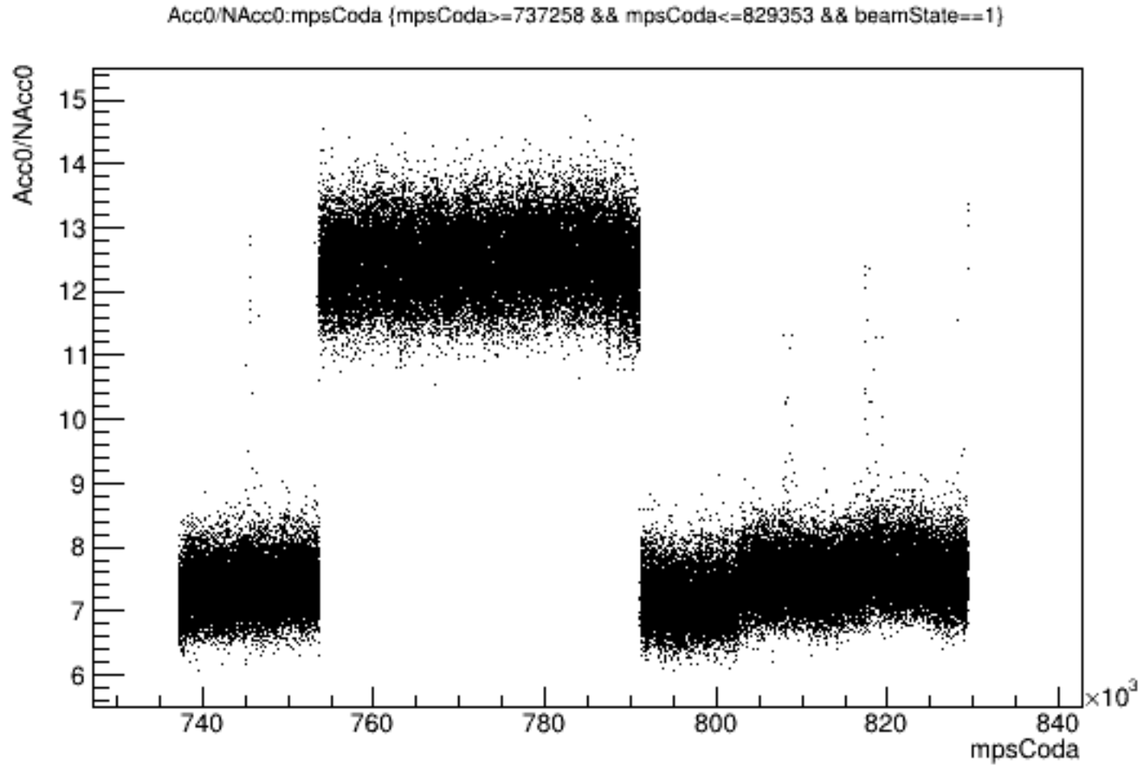
Entries: 1952	Entries: 4689	Entries: 4668
Mean: 14.7298 +/- 0.0064	Mean: 24.9425 +/- 0.0057	Mean: 14.8580 +/- 0.0064
Std Dev: 0.2823 +/- 0.0045	Std Dev: 0.3869 +/- 0.0040	Std Dev: 0.4377 +/- 0.0045

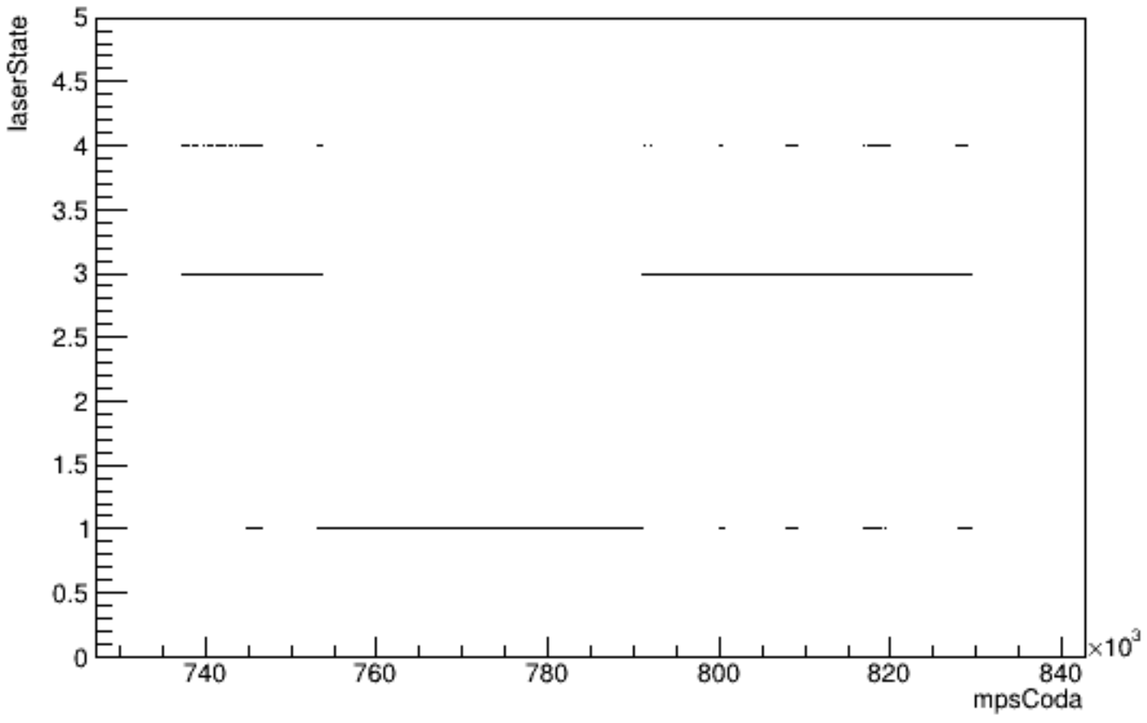


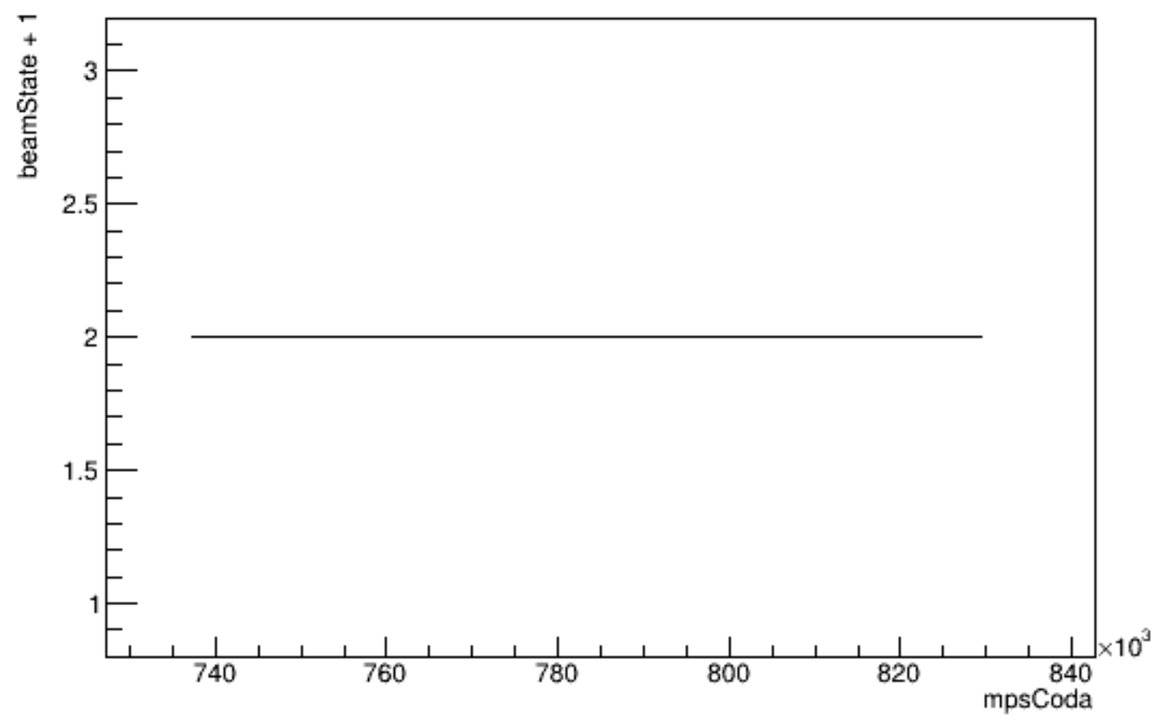
Cycle 10, Asyms

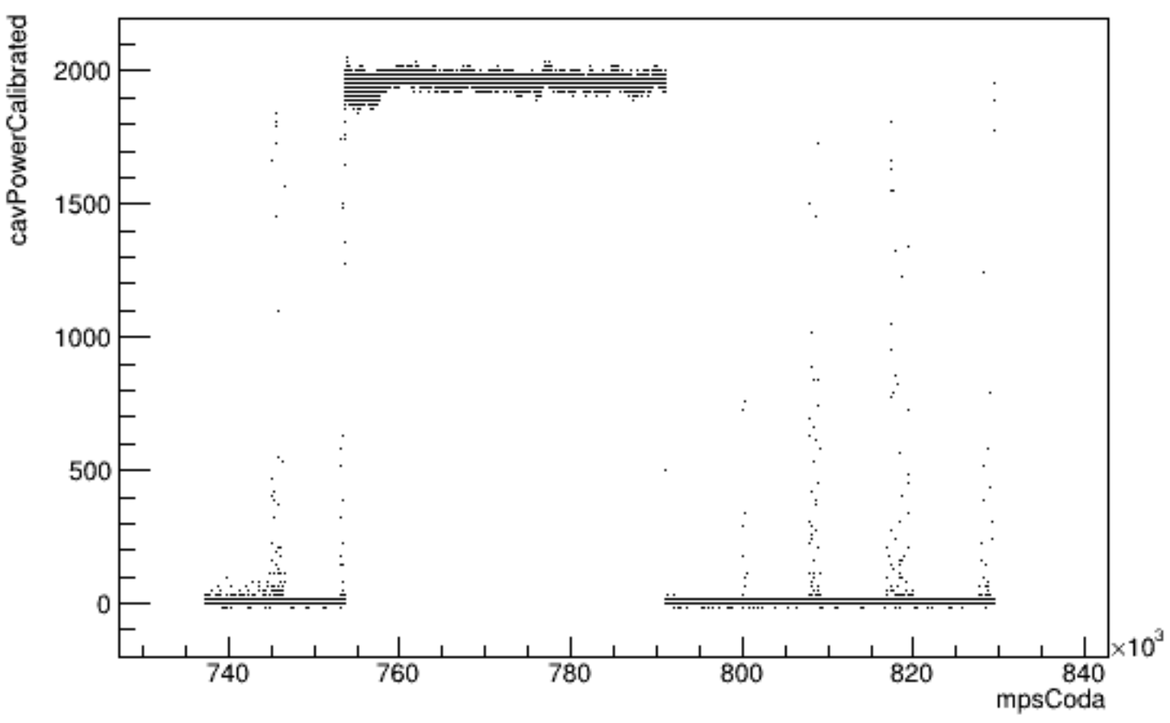
Entries: 1952	Entries: 4689	Entries: 4668
Mean: 0.0002 +/- 0.0005	Mean: 0.0143 +/- 0.0005	Mean: 0.0002 +/- 0.0003
Std Dev: 0.0232 +/- 0.0004	Std Dev: 0.0324 +/- 0.0003	Std Dev: 0.0236 +/- 0.0002

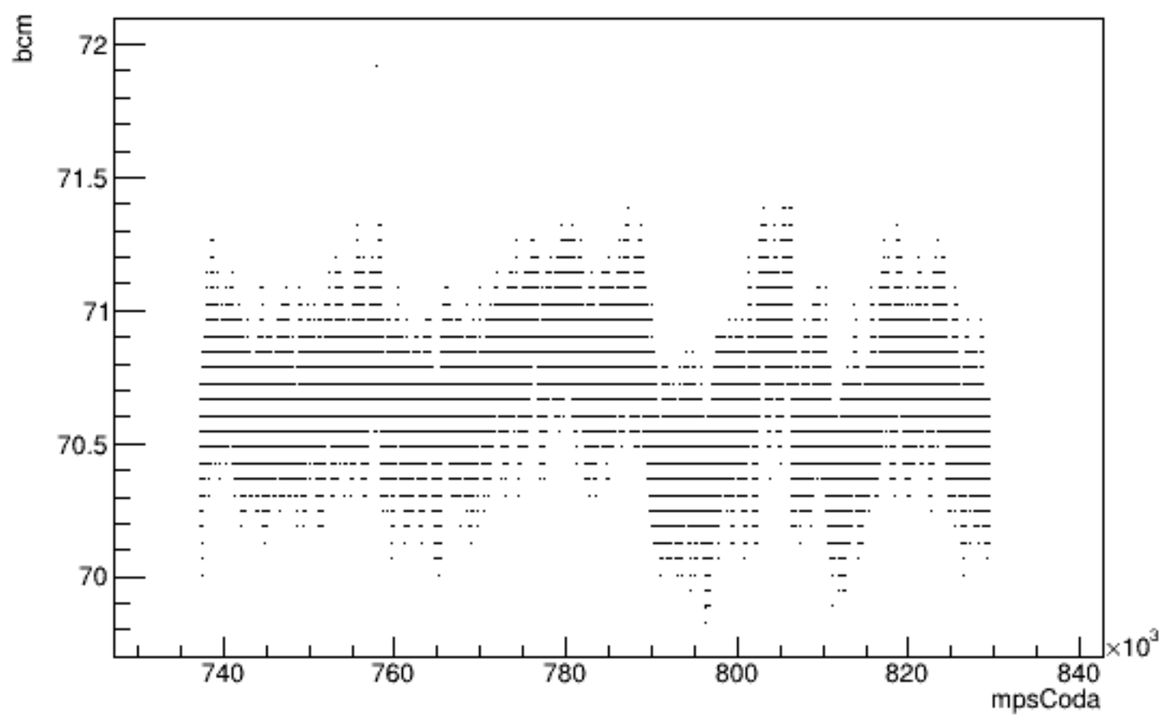





laserState:mpsCoda {mpsCoda>=737258 && mpsCoda<=829353}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=737258 && mpsCoda<=829353}
beamState + 1
mpsCoda
×10^3

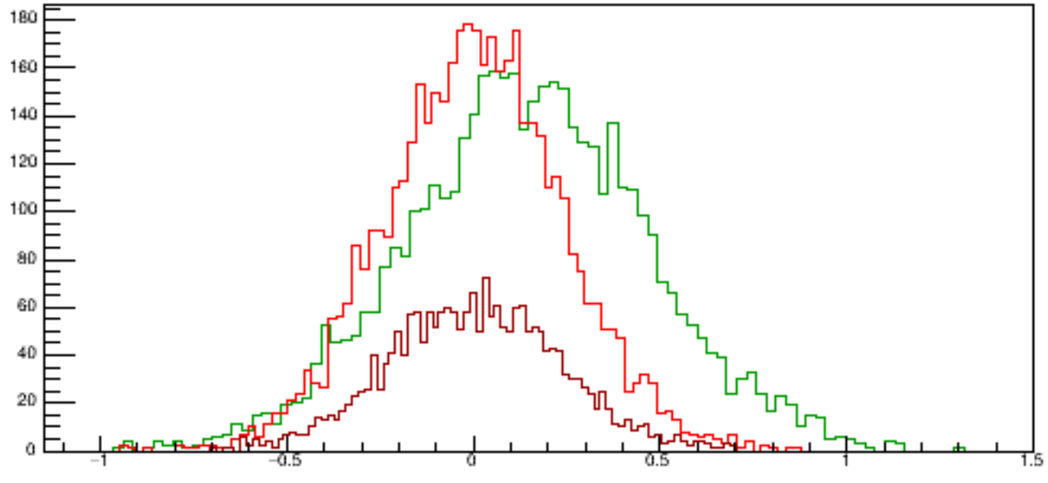

cavPowerCalibrated:mpsCoda {mpsCoda>=737258 && mpsCoda<=829353}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=737258 && mpsCoda<=829353}
bcm
mpsCoda
×10^3

Cycle 11, Diffs

Entries: 4668	Entries: 4565	Entries: 2146
Mean: 0.0019 +/- 0.0035	Mean: 0.1442 +/- 0.0048	Mean: 0.0040 +/- 0.0050
Std Dev: 0.2393 +/- 0.0025	Std Dev: 0.3242 +/- 0.0034	Std Dev: 0.2309 +/- 0.0035

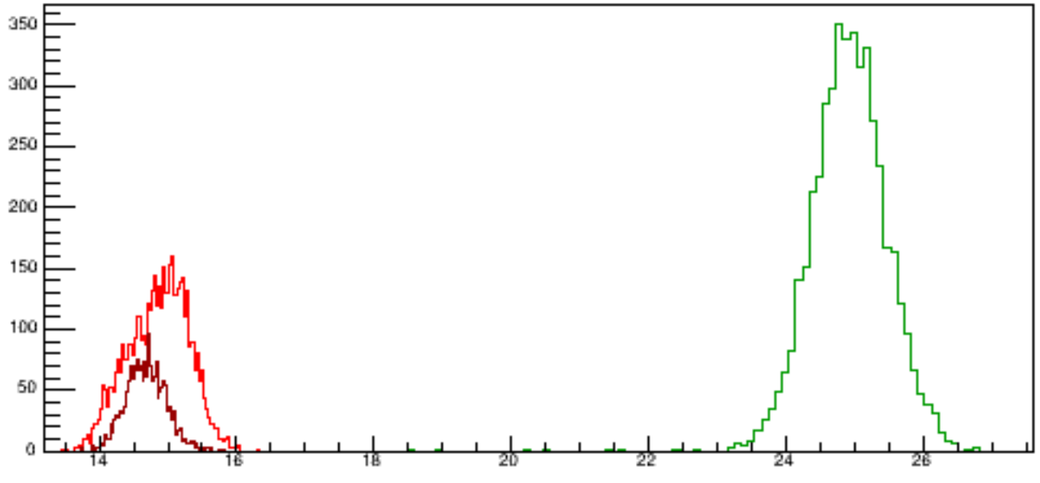
Run 4548 quartetwise, Diffs



Cycle 11, Sums

Entries: 4668	Entries: 4565	Entries: 2146
Mean: 14.8580 +/- 0.0064	Mean: 24.9171 +/- 0.0083	Mean: 14.6820 +/- 0.0063
Std Dev: 0.4377 +/- 0.0045	Std Dev: 0.5587 +/- 0.0058	Std Dev: 0.2931 +/- 0.0045

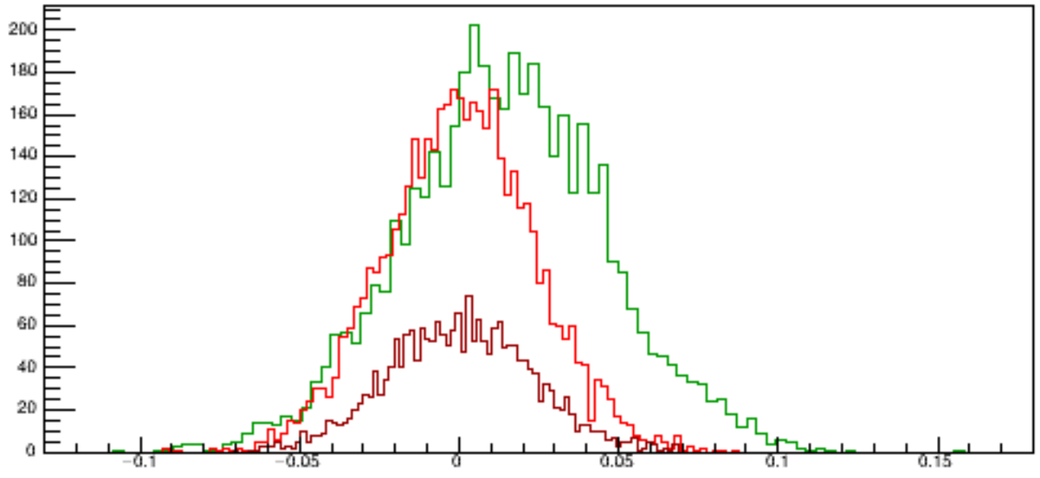
Run 4548 quartetwise, Sums

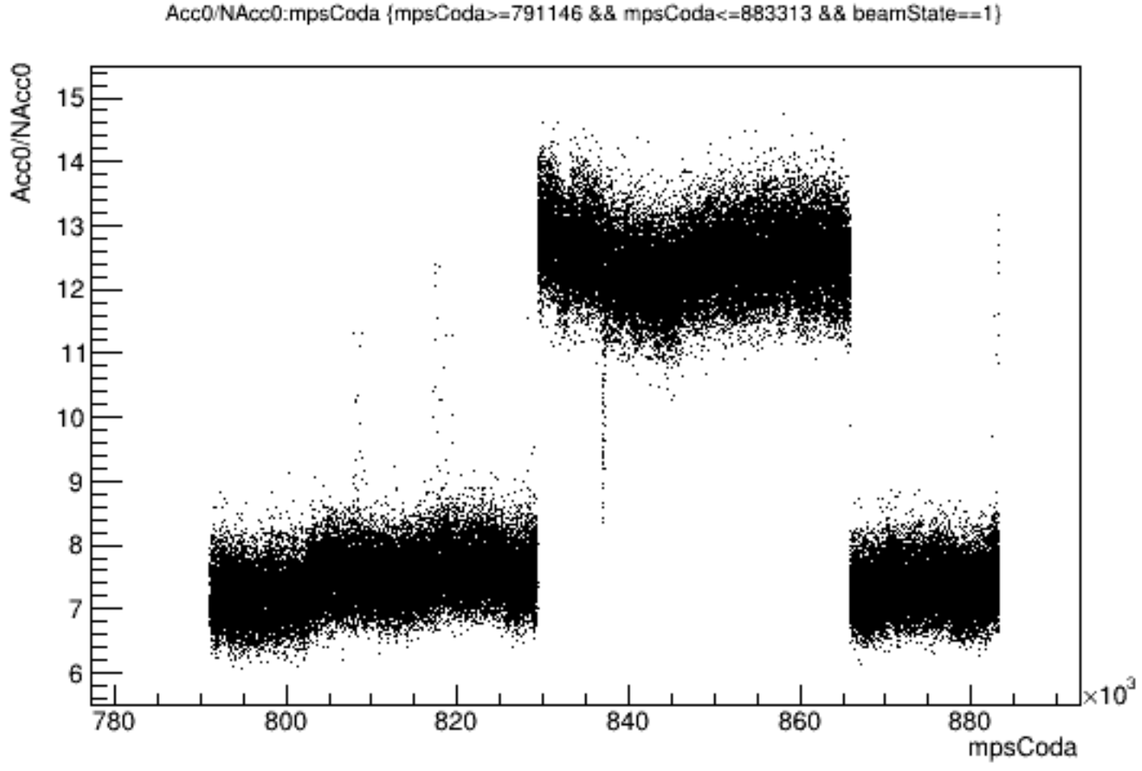


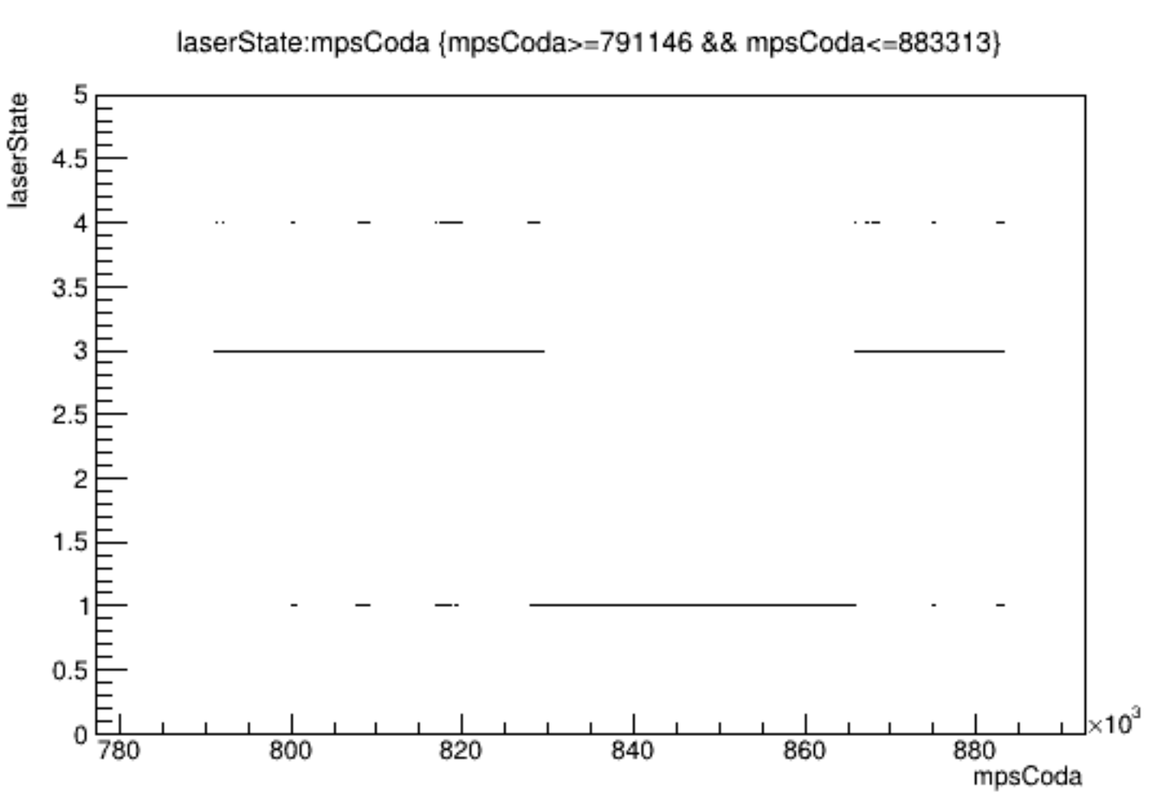
Cycle 11, Asyms

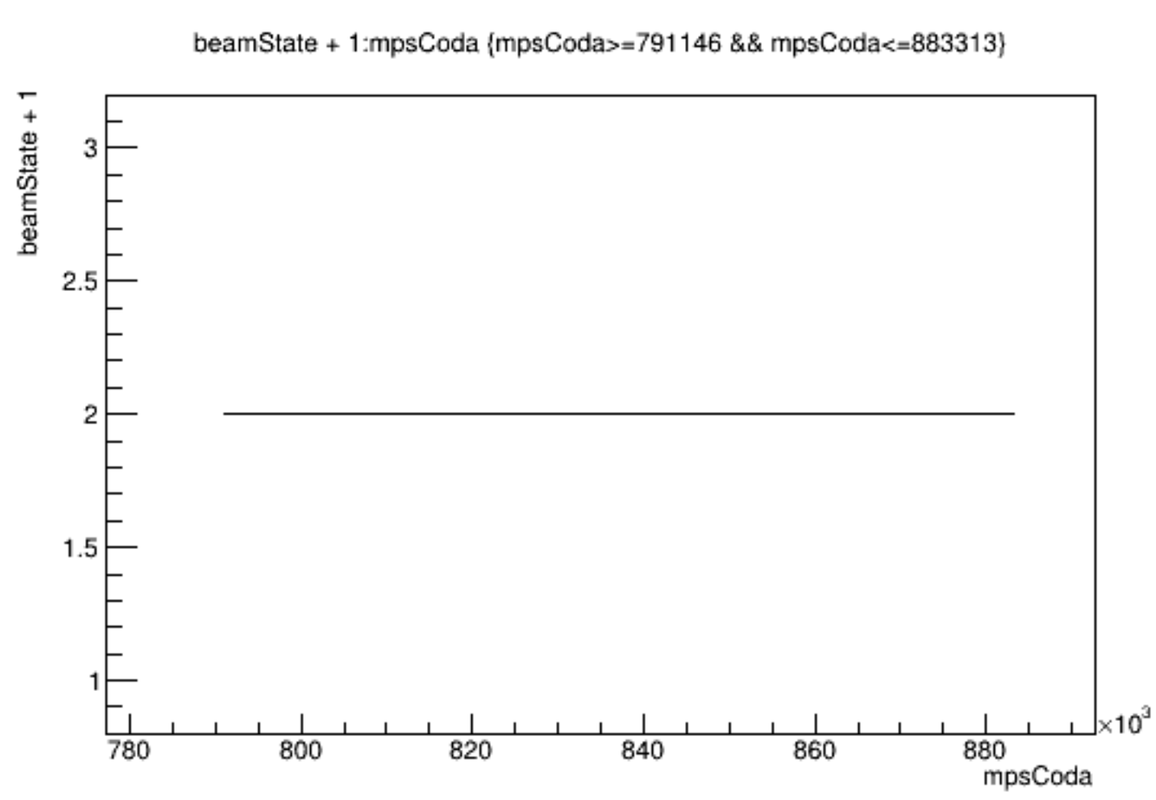
Entries: 4668	Entries: 4565	Entries: 2146
Mean: 0.0002 +/- 0.0003	Mean: 0.0142 +/- 0.0005	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0236 +/- 0.0002	Std Dev: 0.0321 +/- 0.0003	Std Dev: 0.0228 +/- 0.0003

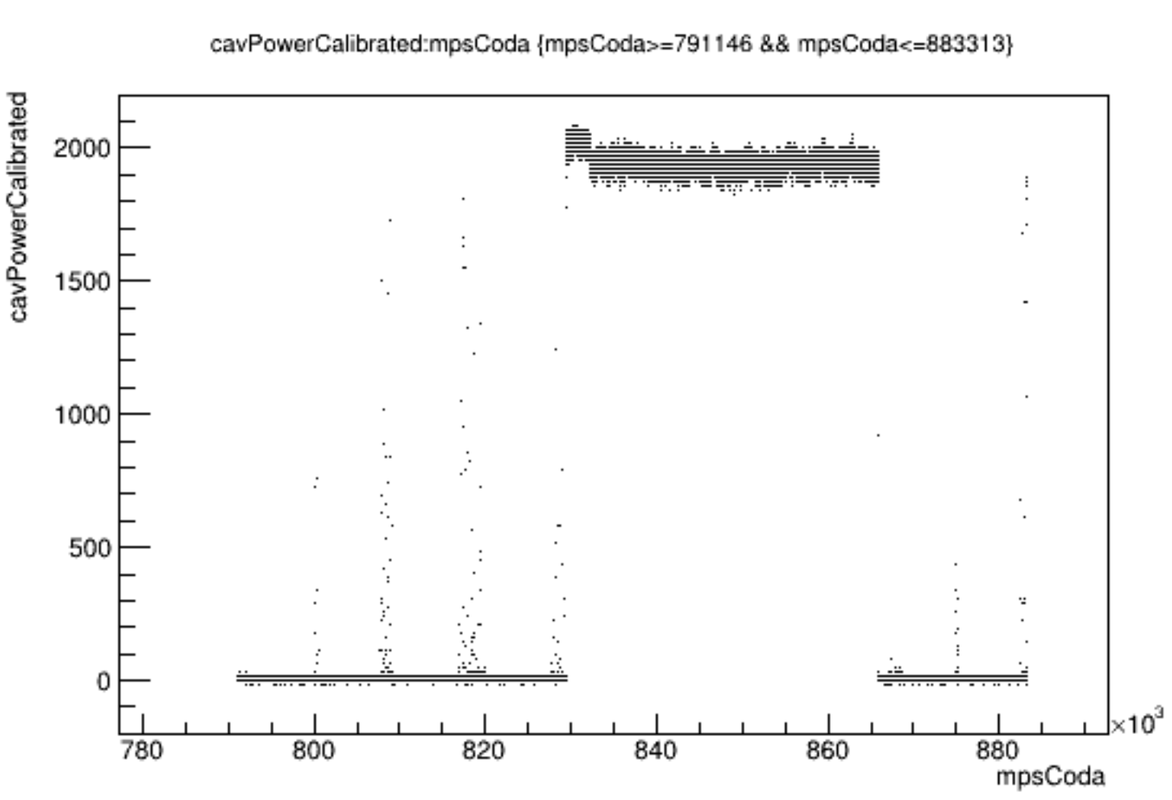
Run 4548 quartetwise, Asyms

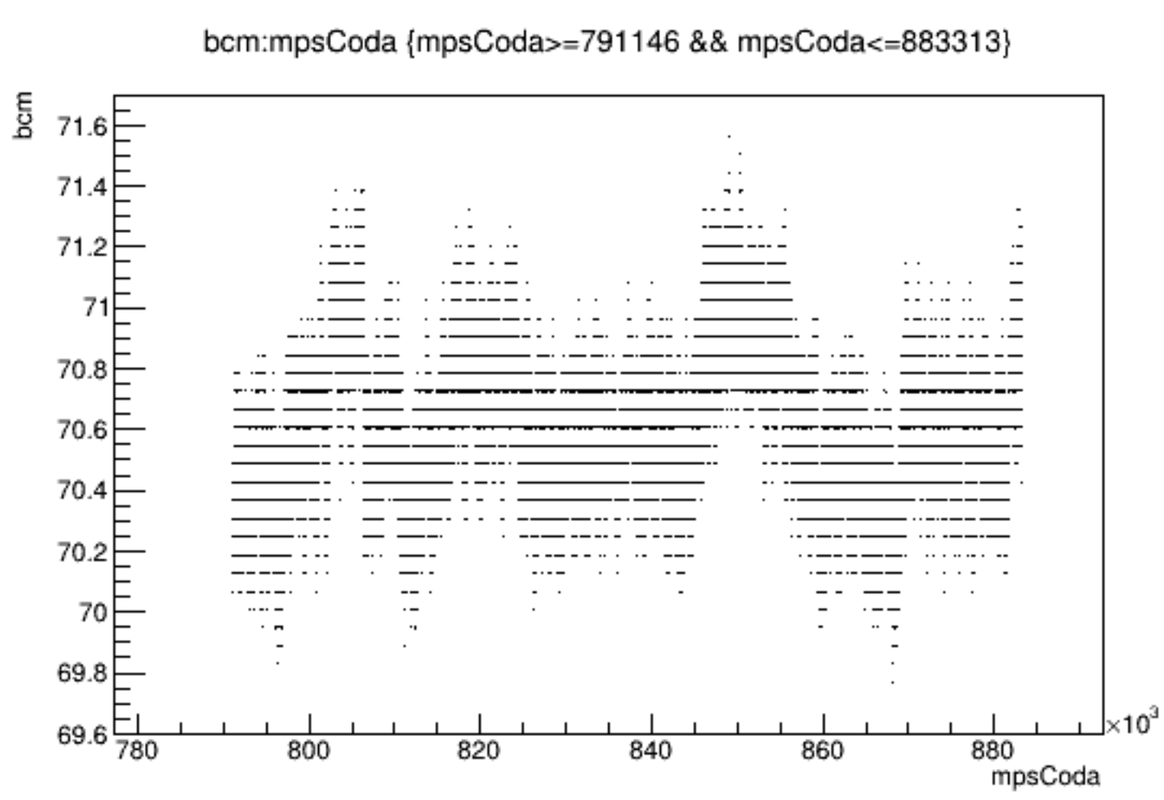





laserState:mpsCoda {mpsCoda>=791146 && mpsCoda<=883313}
laserState
mpsCoda
×10^3

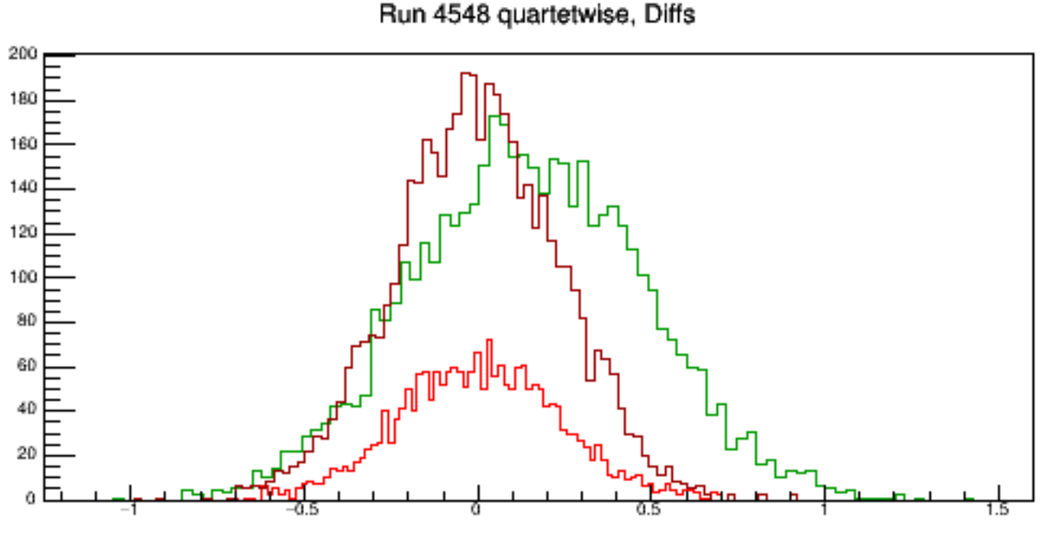

beamState + 1:mpsCoda {mpsCoda>=791146 && mpsCoda<=883313}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=791146 && mpsCoda<=883313}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=791146 && mpsCoda<=883313}
bcm
mpsCoda
×10^3

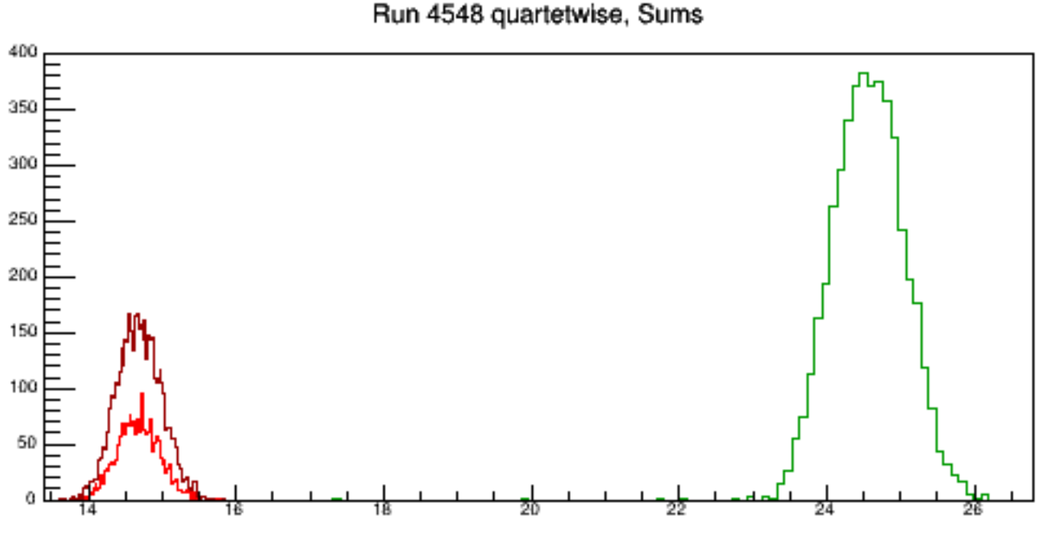
Cycle 12, Diffs

Entries: 2146	Entries: 4677	Entries: 4720
Mean: 0.0040 +/- 0.0050	Mean: 0.1445 +/- 0.0048	Mean: -0.0024 +/- 0.0034
Std Dev: 0.2309 +/- 0.0035	Std Dev: 0.3303 +/- 0.0034	Std Dev: 0.2369 +/- 0.0024



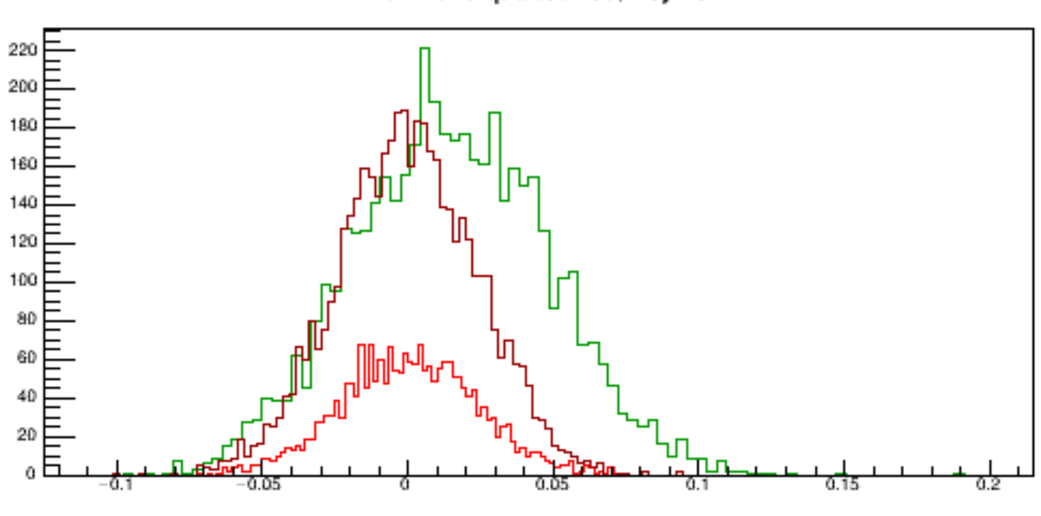
Cycle 12, Sums

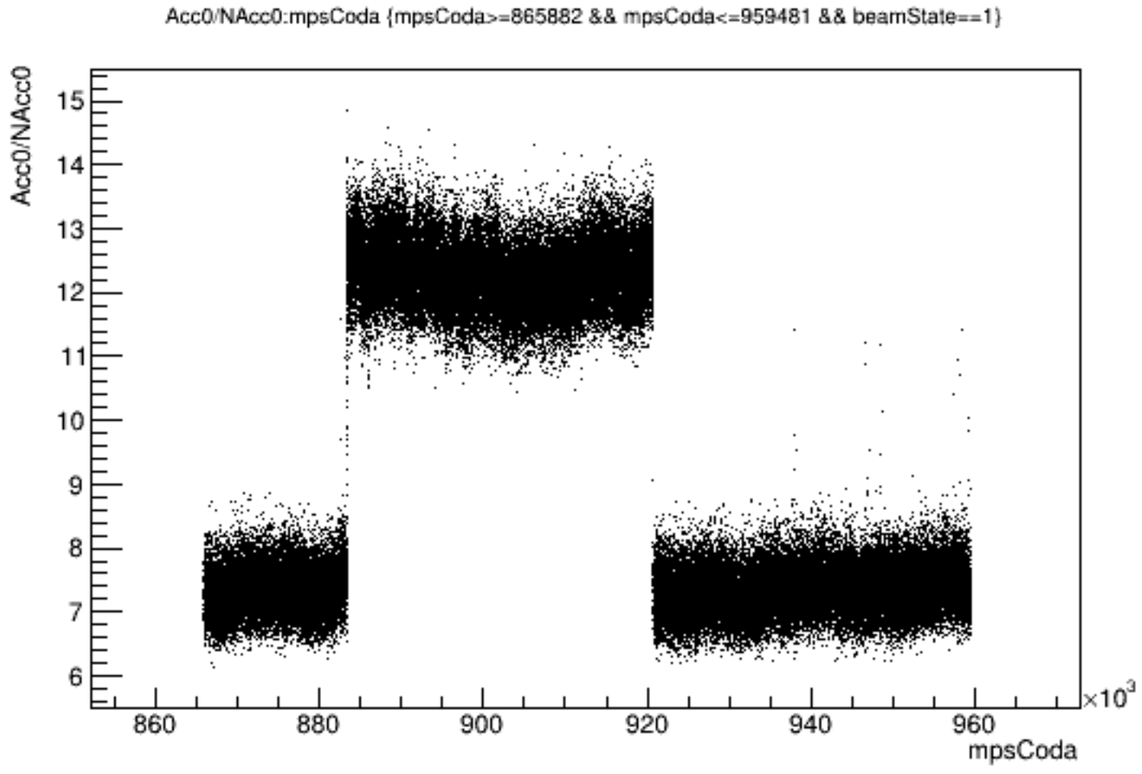
Entries: 2146	Entries: 4677	Entries: 4720
Mean: 14.6820 +/- 0.0063	Mean: 24.5635 +/- 0.0072	Mean: 14.6879 +/- 0.0044
Std Dev: 0.2931 +/- 0.0045	Std Dev: 0.4929 +/- 0.0051	Std Dev: 0.3027 +/- 0.0031

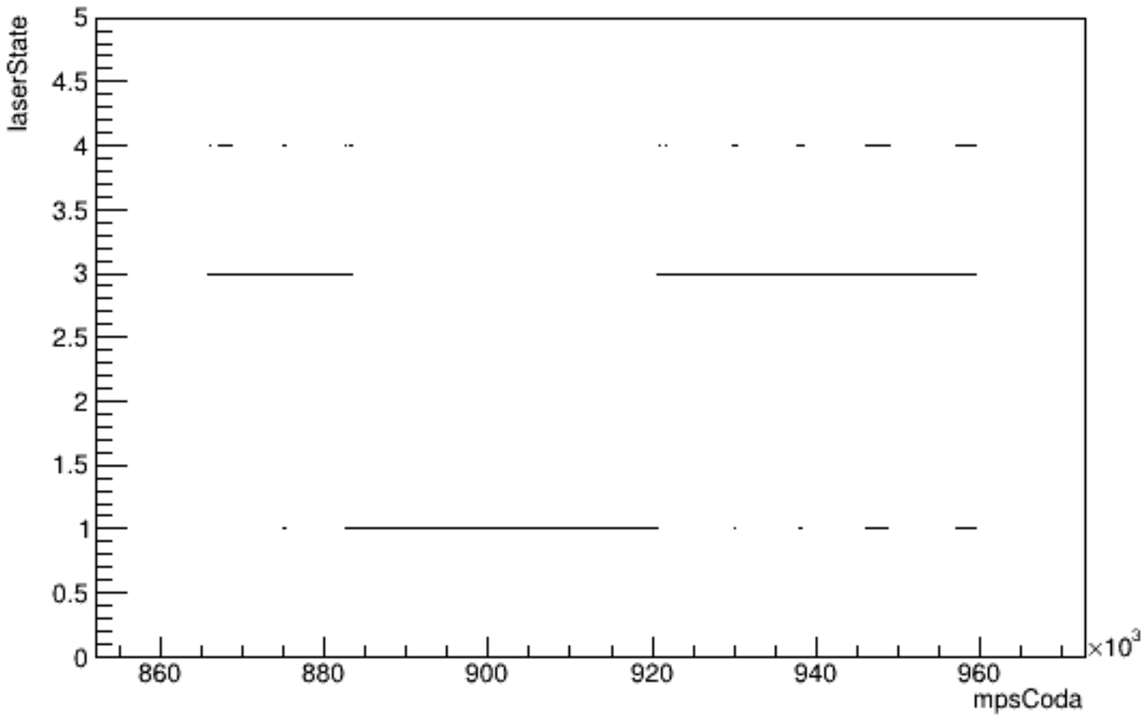


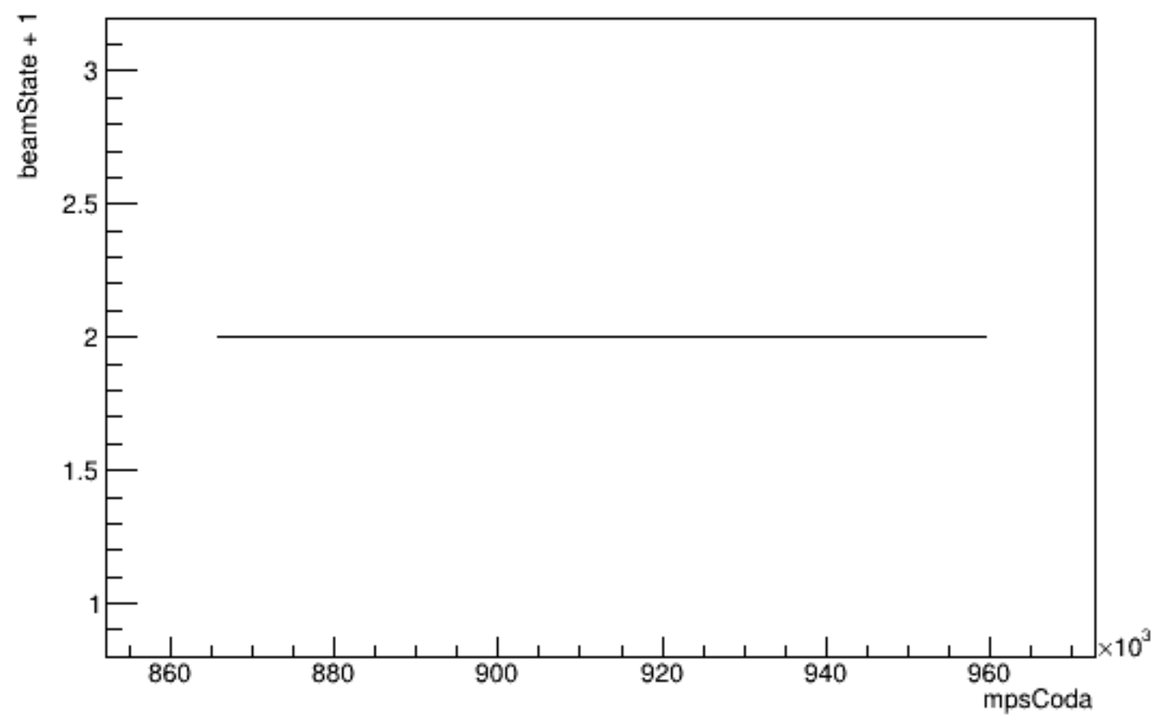
Cycle 12, Asyms

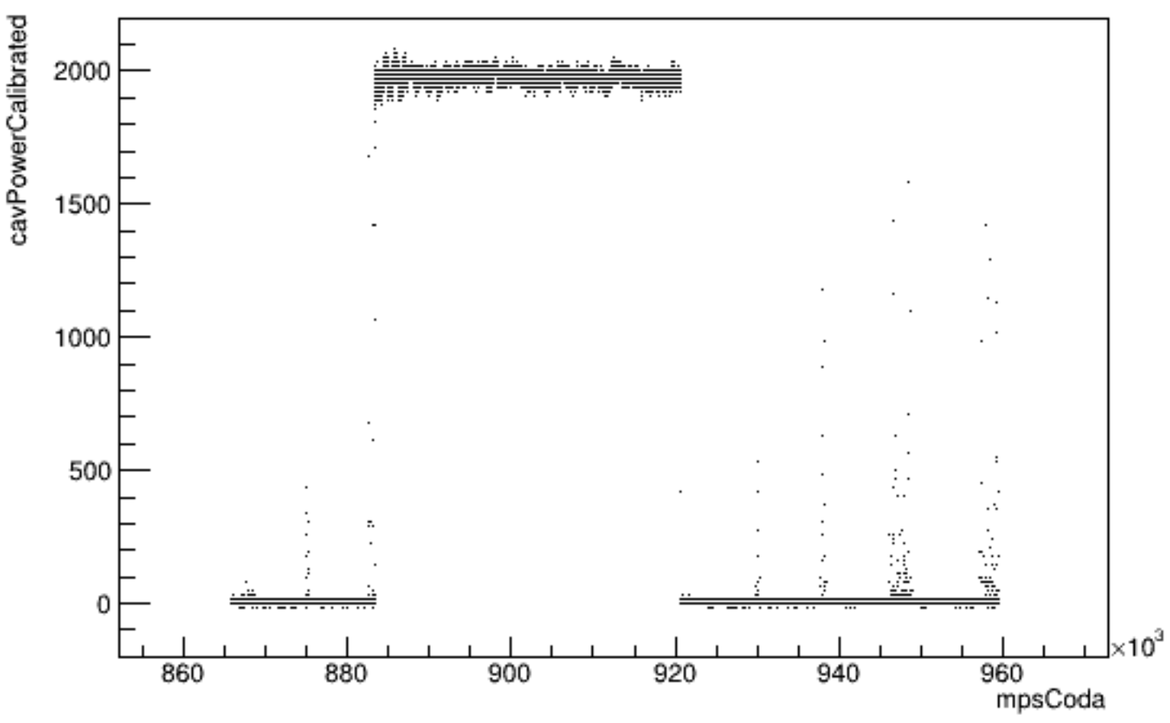
Entries: 2146	Entries: 4677	Entries: 4720
Mean: 0.0004 +/- 0.0005	Mean: 0.0147 +/- 0.0005	Mean: -0.0002 +/- 0.0003
Std Dev: 0.0234 +/- 0.0004	Std Dev: 0.0335 +/- 0.0003	Std Dev: 0.0240 +/- 0.0002

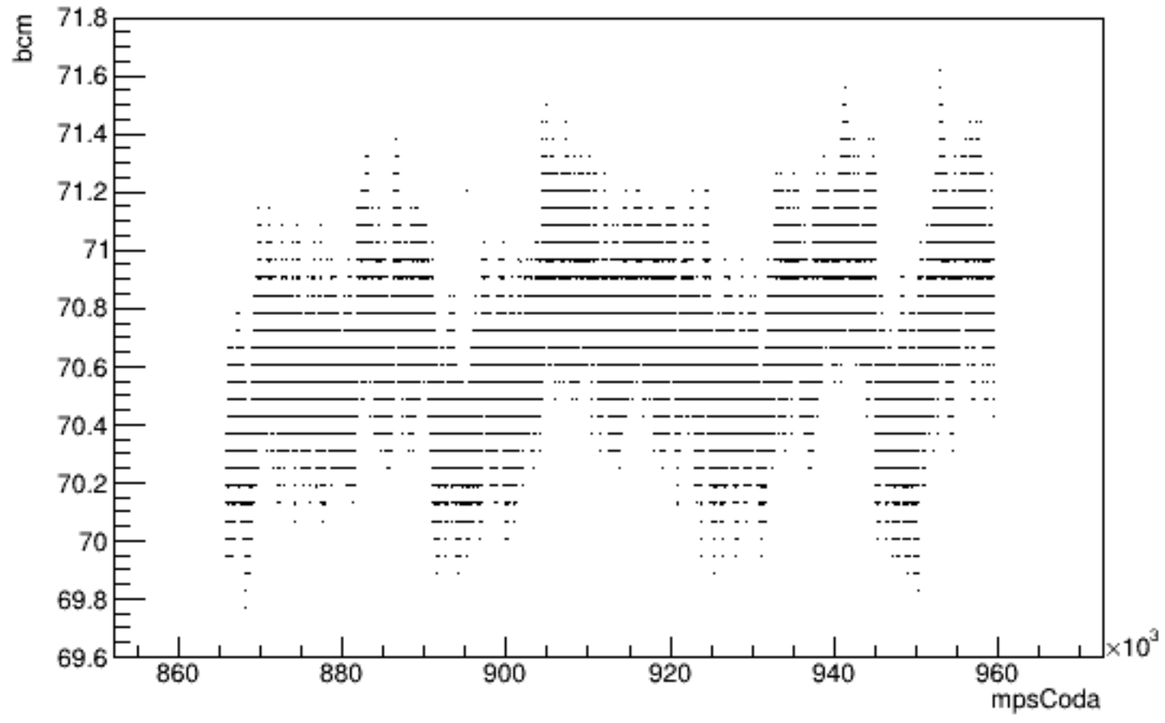





laserState:mpsCoda {mpsCoda>=865882 && mpsCoda<=959481}
laserState
mpsCoda
×10^3

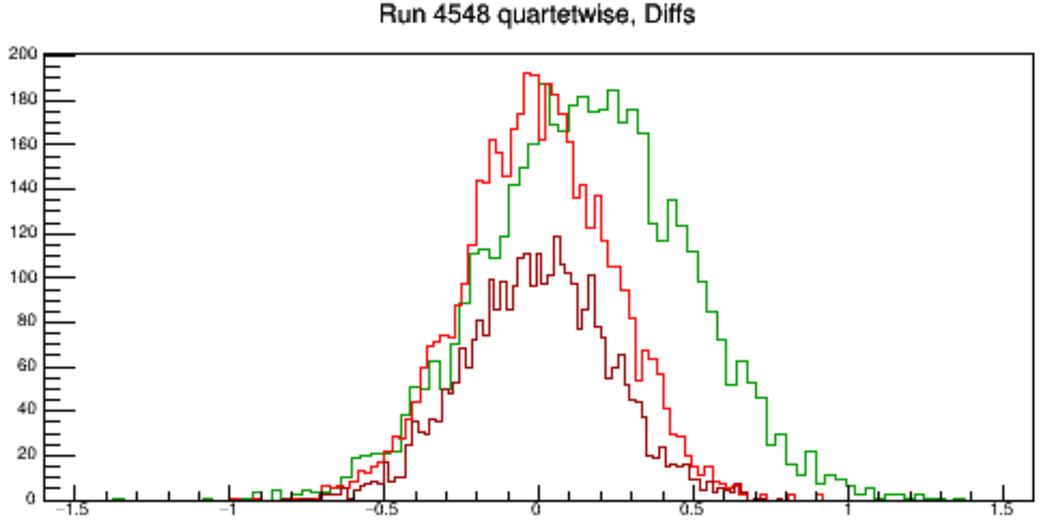

beamState + 1:mpsCoda {mpsCoda>=865882 && mpsCoda<=959481}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=865882 && mpsCoda<=959481}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=865882 && mpsCoda<=959481}
bcm
mpsCoda
×10^3

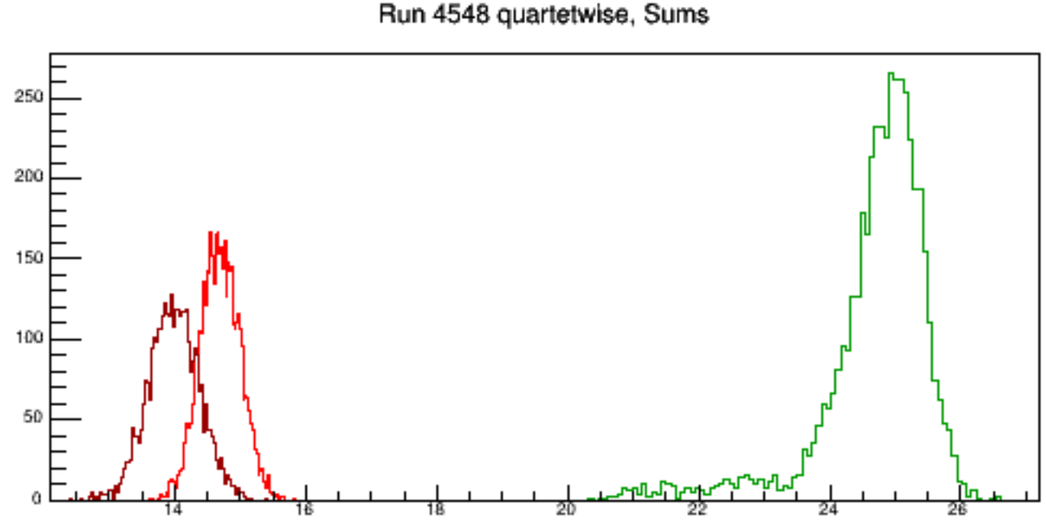
Cycle 13, Diffs

Entries: 4720	Entries: 4622	Entries: 3262
Mean: -0.0024 +/- 0.0034	Mean: 0.1550 +/- 0.0048	Mean: -0.0023 +/- 0.0040
Std Dev: 0.2369 +/- 0.0024	Std Dev: 0.3251 +/- 0.0034	Std Dev: 0.2305 +/- 0.0029



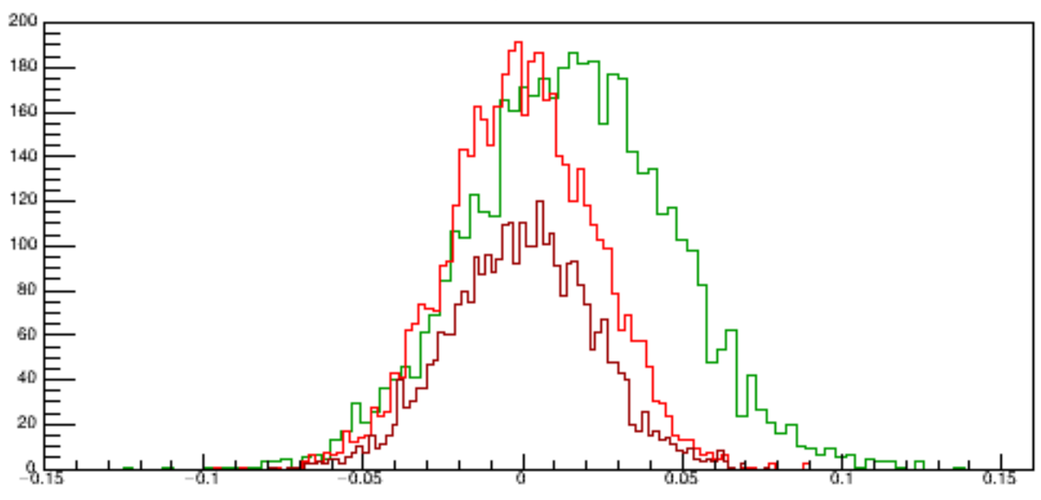
Cycle 13, Sums

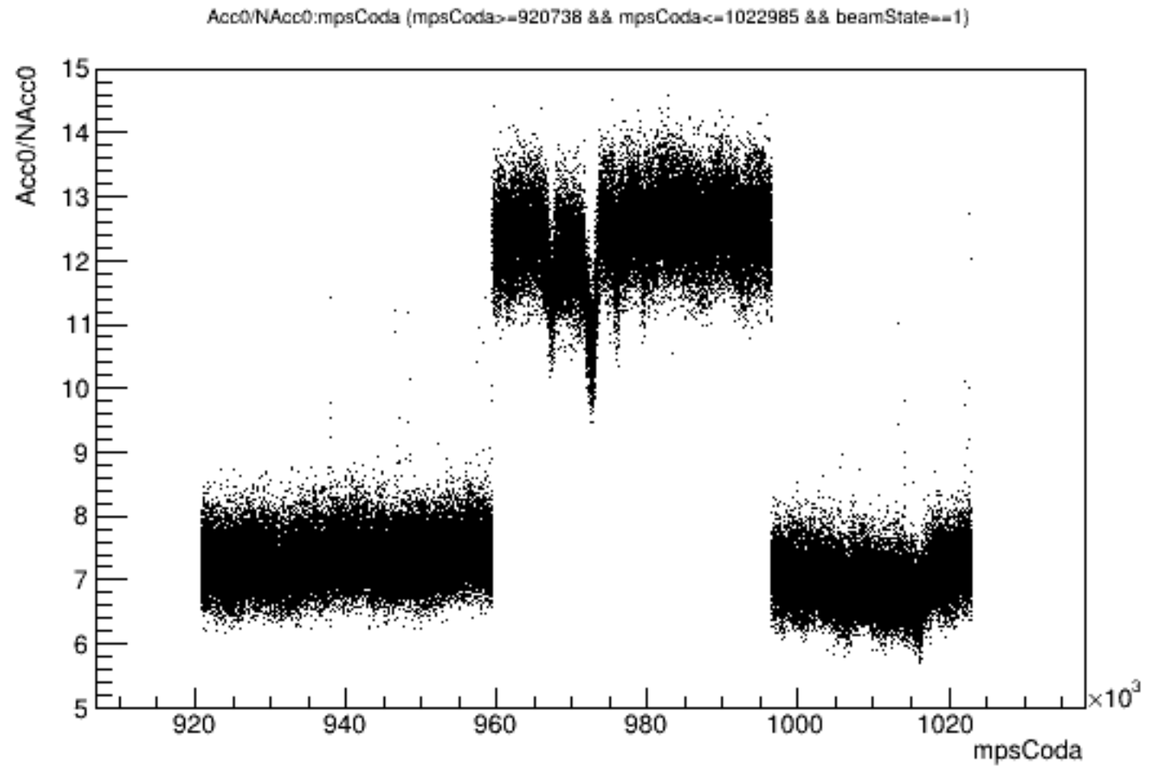
Entries: 4720	Entries: 4622	Entries: 3262
Mean: 14.6879 +/- 0.0044	Mean: 24.7027 +/- 0.0123	Mean: 13.9867 +/- 0.0068
Std Dev: 0.3027 +/- 0.0031	Std Dev: 0.8329 +/- 0.0087	Std Dev: 0.3874 +/- 0.0048

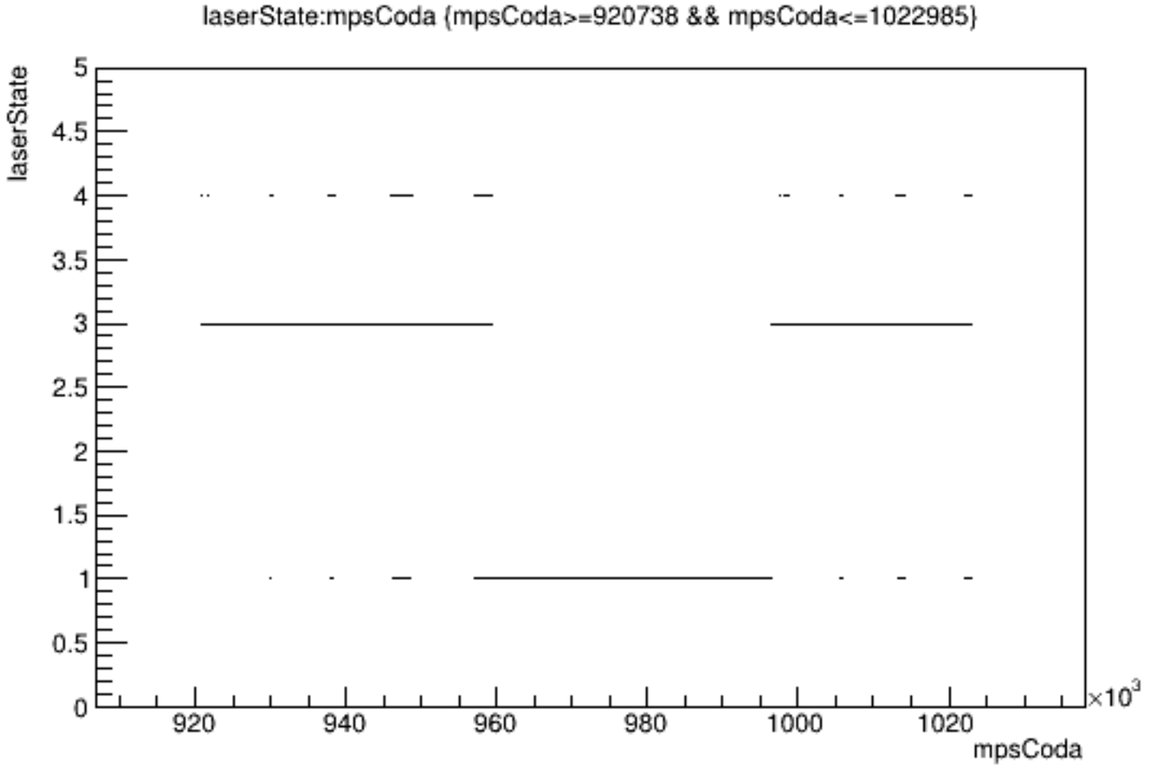


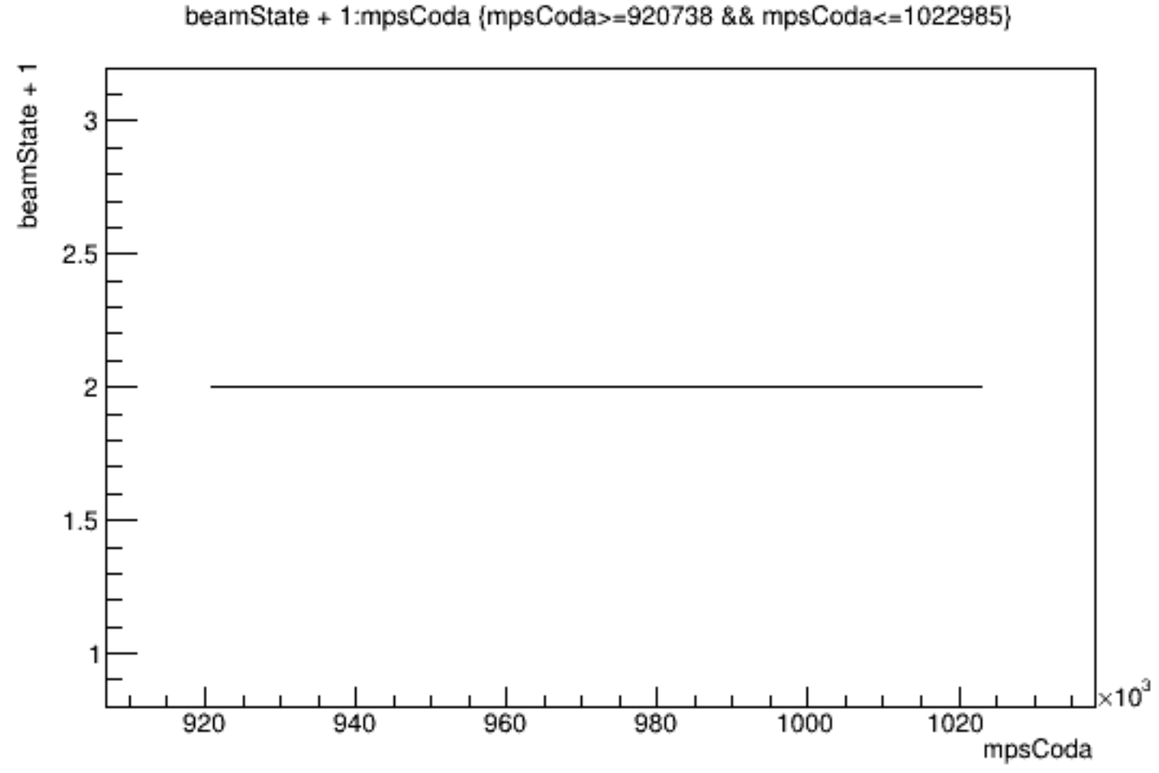
Cycle 13, Asyms

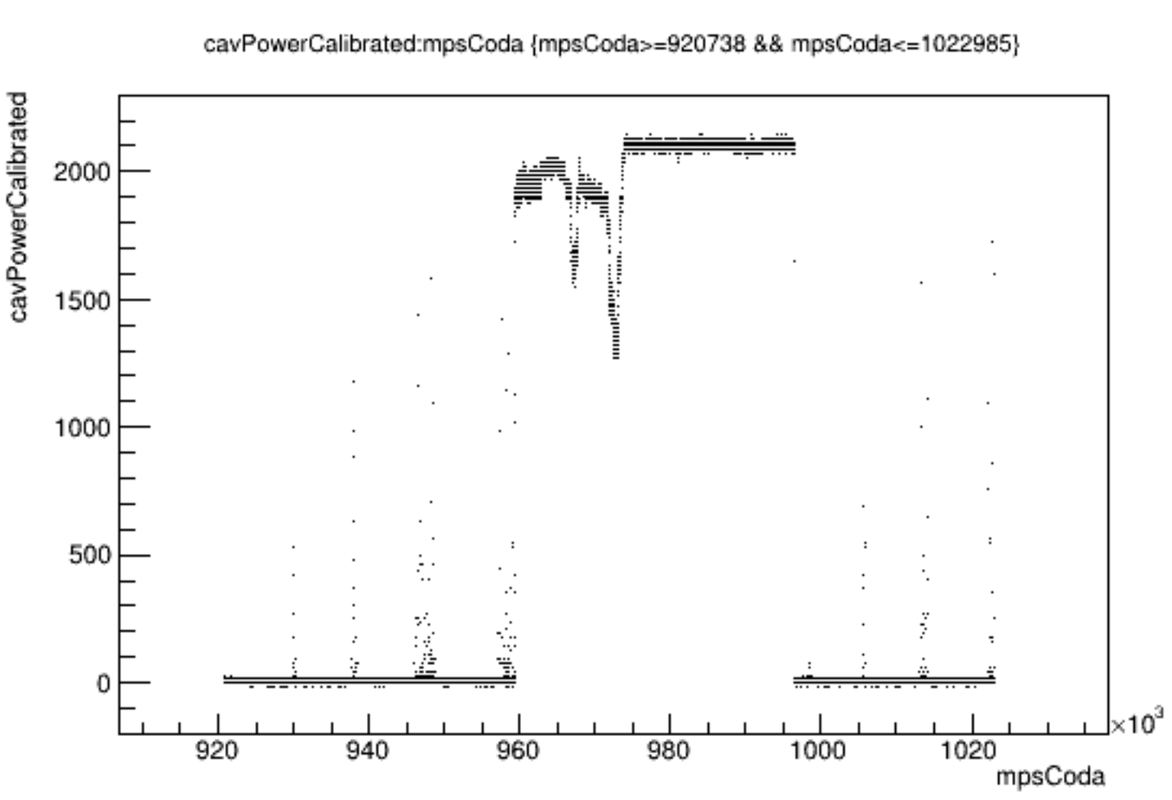
Entries: 4720	Entries: 4622	Entries: 3262
Mean: -0.0002 +/- 0.0003	Mean: 0.0149 +/- 0.0005	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0229 +/- 0.0002	Std Dev: 0.0316 +/- 0.0003	Std Dev: 0.0222 +/- 0.0003

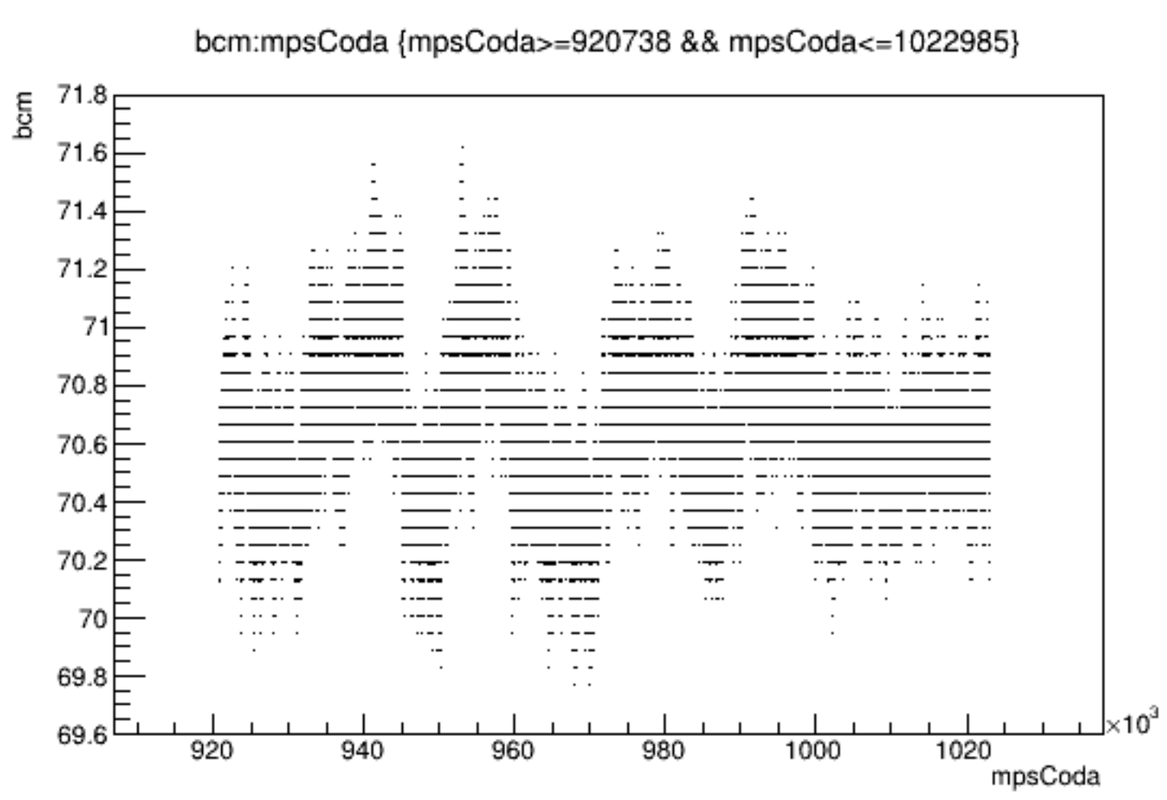





laserState:mpsCoda {mpsCoda>=920738 && mpsCoda<=1022985}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=920738 && mpsCoda<=1022985}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=920738 && mpsCoda<=1022985}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=920738 && mpsCoda<=1022985}
bcm
mpsCoda
×10^3