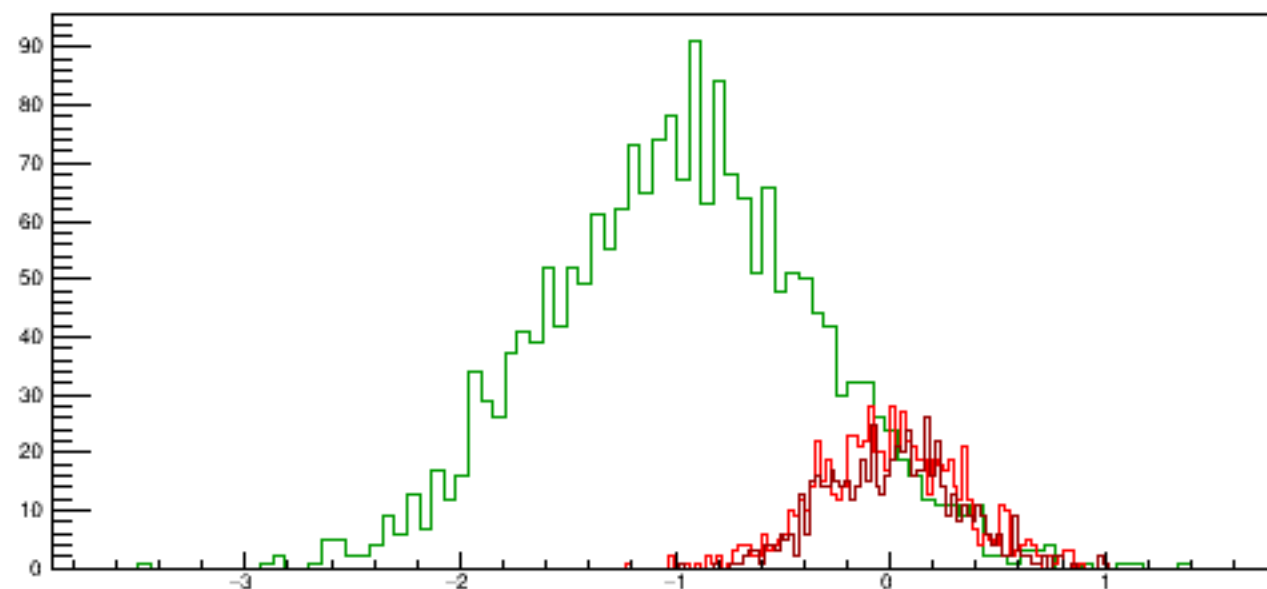


Cycle 1, Diffs

Entries: 759	Entries: 2013	Entries: 649
Mean: -0.0076 +/- 0.0121	Mean: -0.9701 +/- 0.0139	Mean: 0.0094 +/- 0.0121
Std Dev: 0.3320 +/- 0.0085	Std Dev: 0.6256 +/- 0.0099	Std Dev: 0.3085 +/- 0.0086

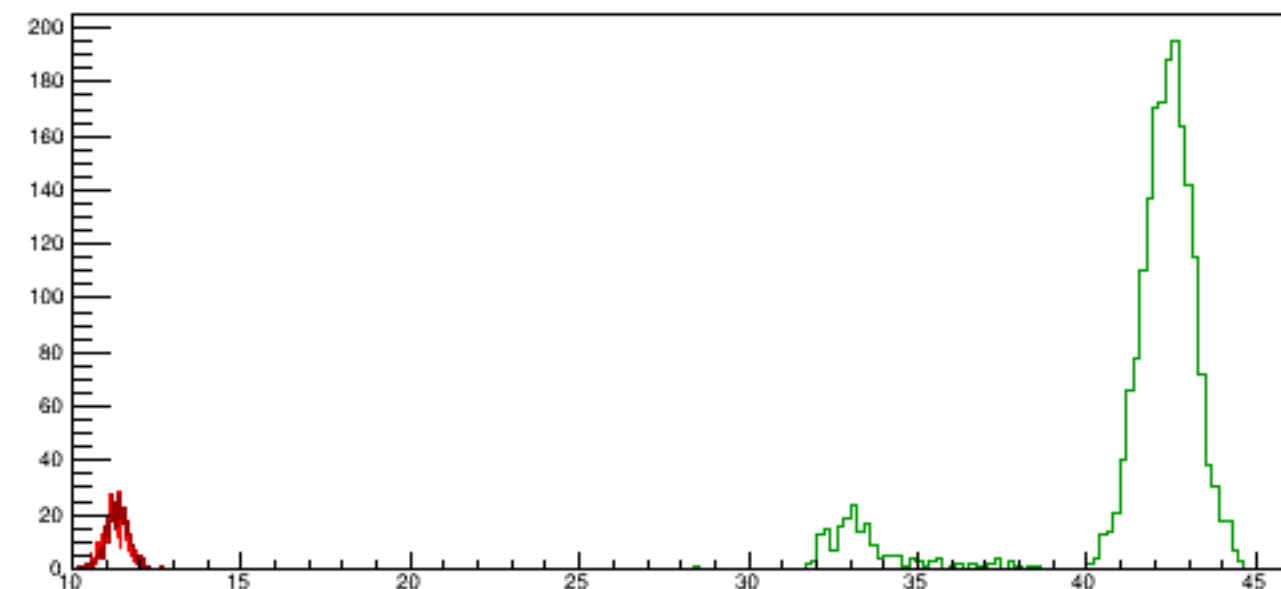
Run 5129 quartetwise, Diffs



Cycle 1, Sums

Entries: 759	Entries: 2013	Entries: 649
Mean: 11.2828 +/- 0.0115	Mean: 41.5367 +/- 0.0607	Mean: 11.3480 +/- 0.0134
Std Dev: 0.3177 +/- 0.0082	Std Dev: 2.7230 +/- 0.0429	Std Dev: 0.3419 +/- 0.0095

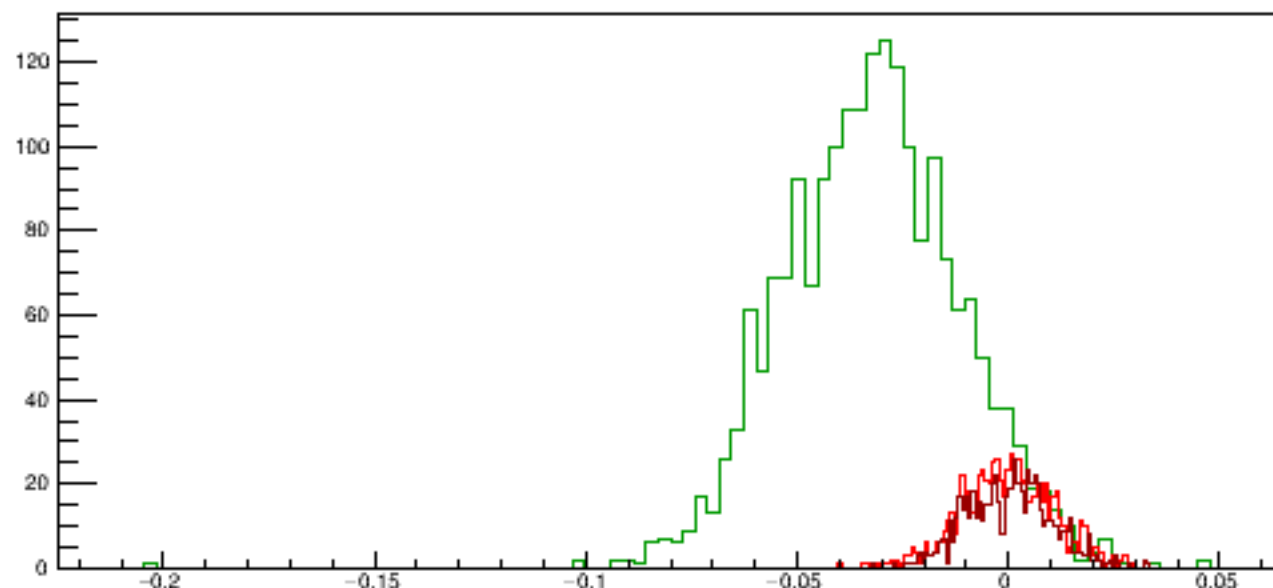
Run 5129 quartetwise, Sums



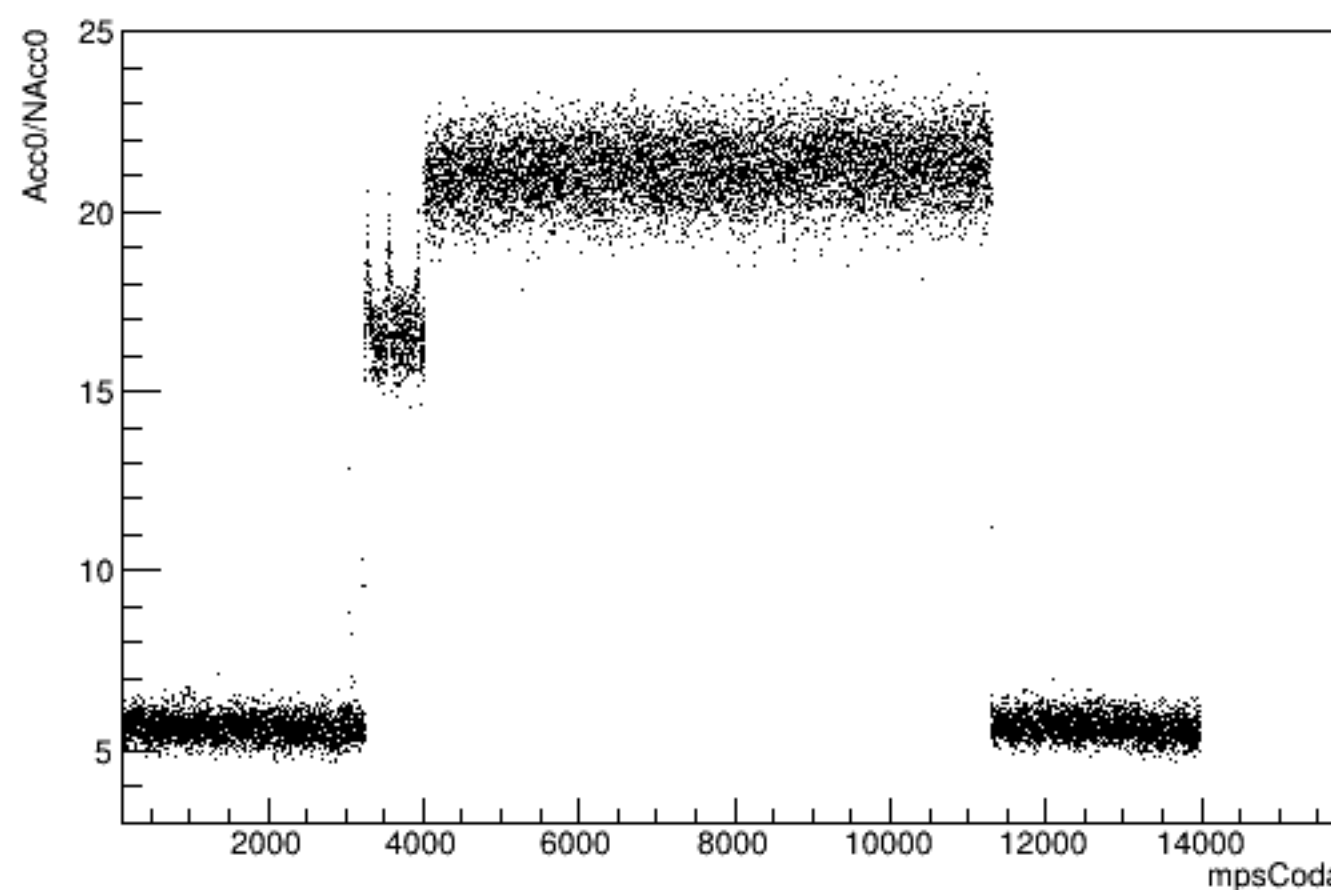
Cycle 1, Asyms

Entries: 759	Entries: 2013	Entries: 649
Mean: -0.0003 +/- 0.0004	Mean: -0.0322 +/- 0.0005	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0209 +/- 0.0003	Std Dev: 0.0102 +/- 0.0003

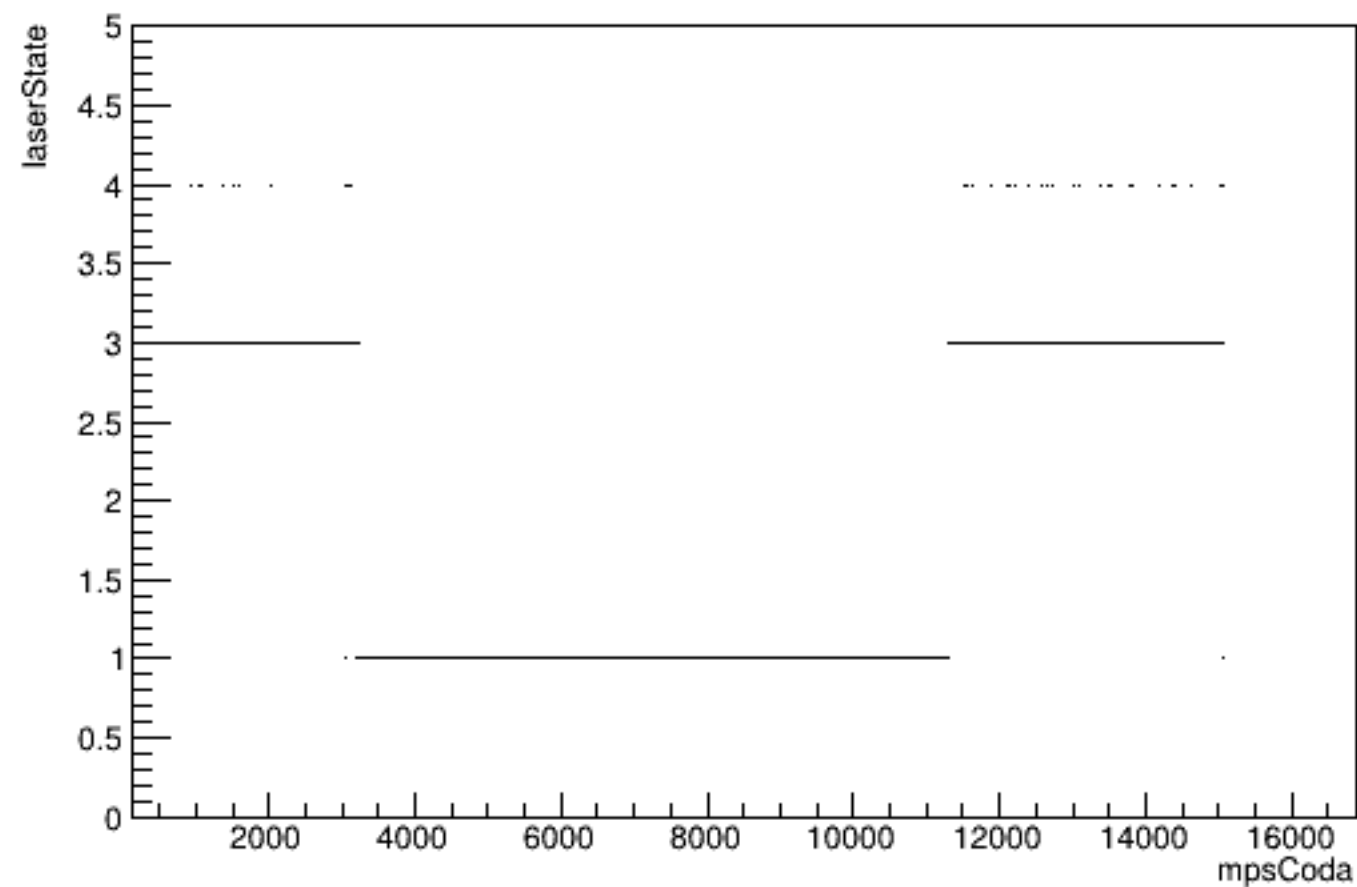
Run 5129 quartetwise, Asyms



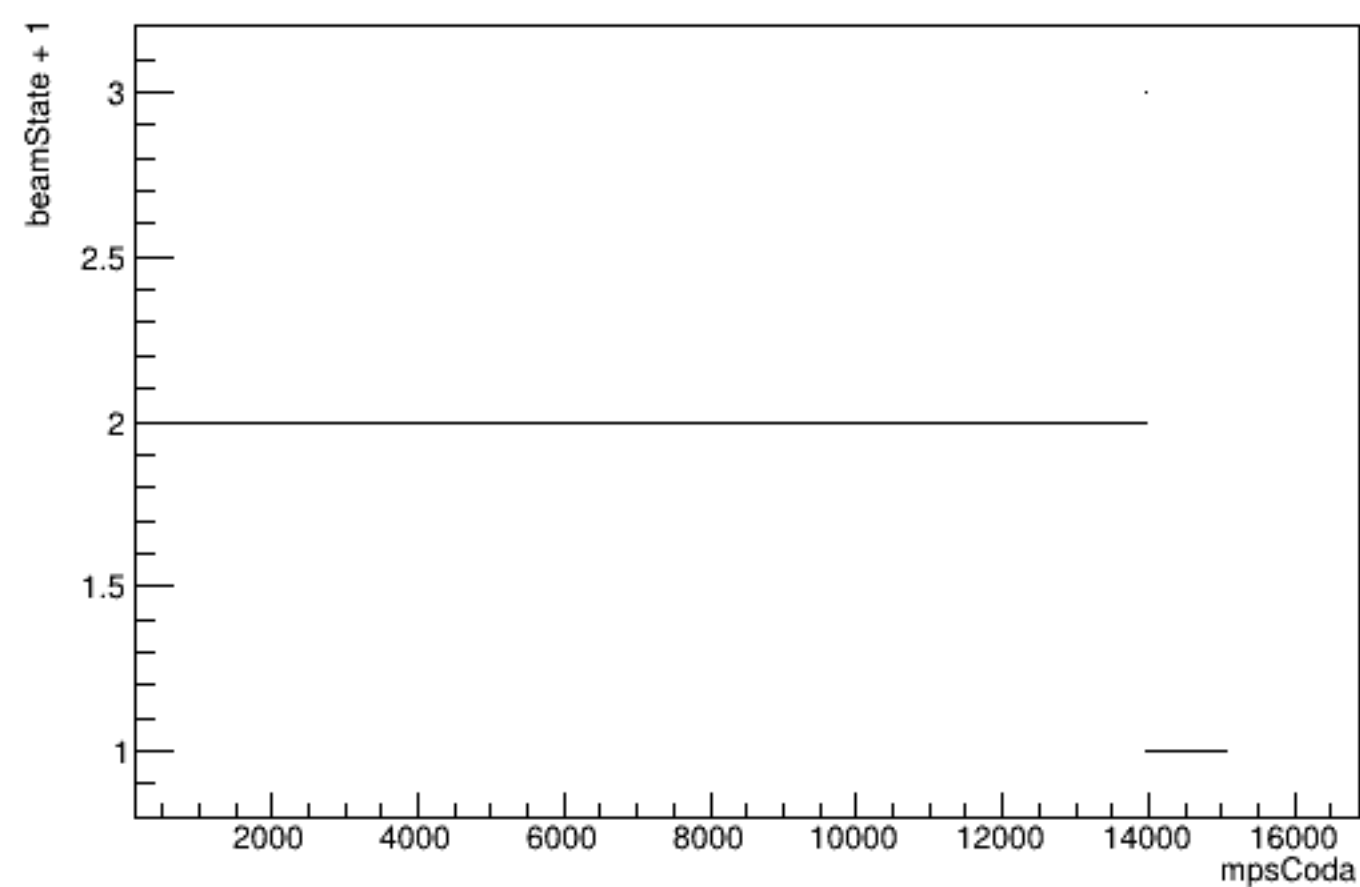
Acc0/NAcc0:mpsCoda {mpsCoda>=126 && mpsCoda<=15053 && beamState==1}



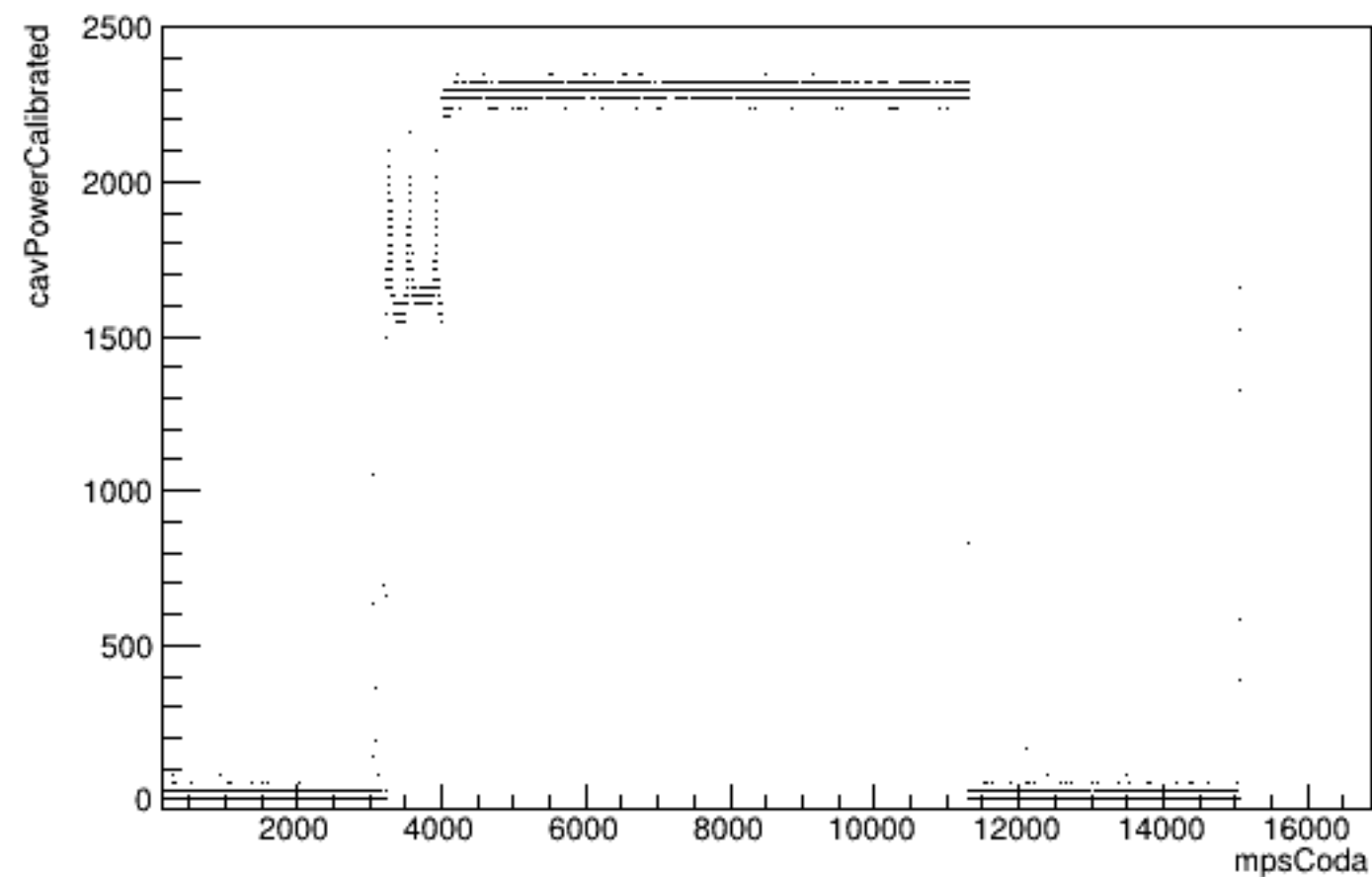
laserState:mpsCoda {mpsCoda>=126 && mpsCoda<=15053}



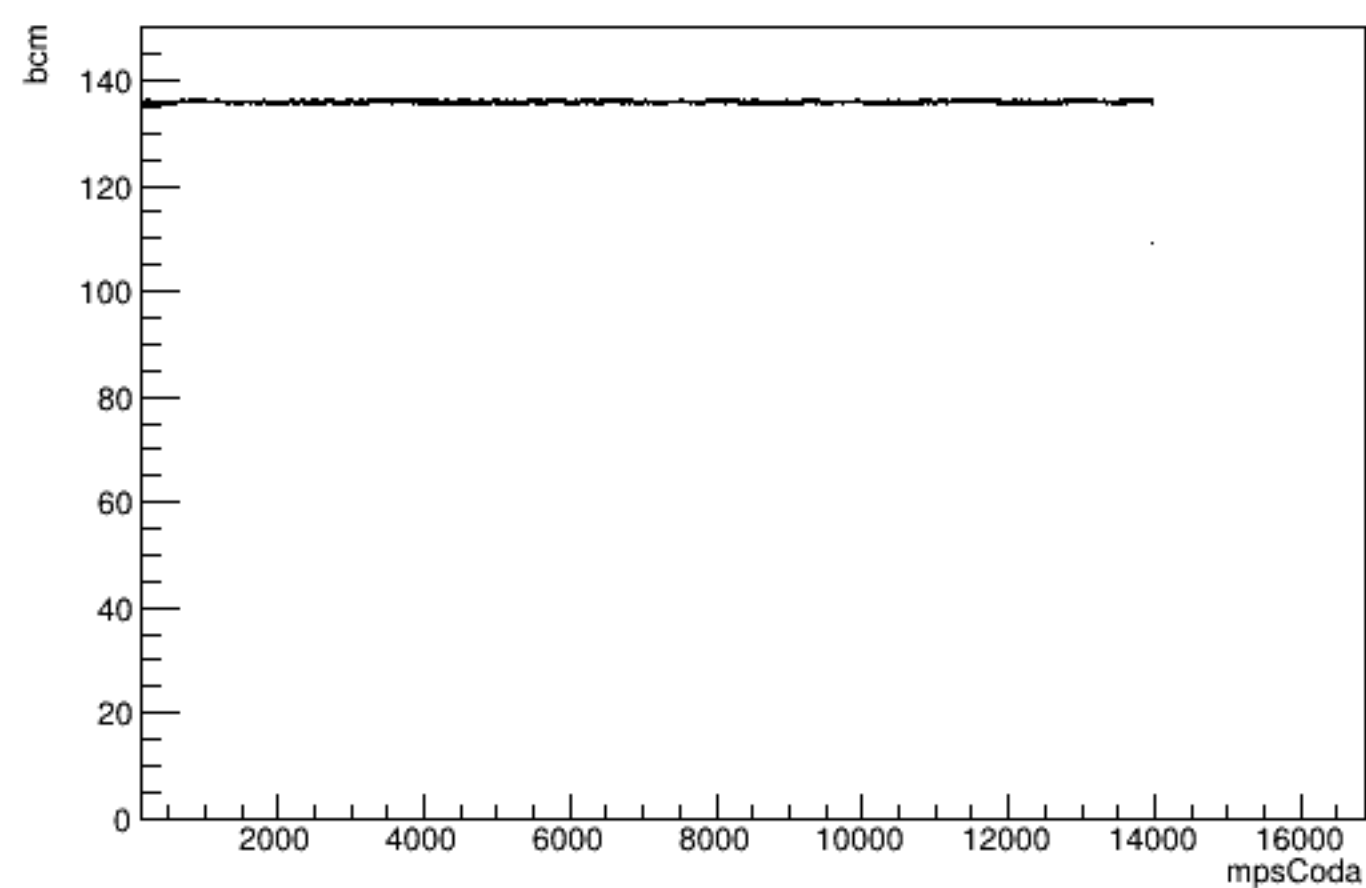
beamState + 1:mpsCoda {mpsCoda>=126 && mpsCoda<=15053}



cavPowerCalibrated:mpsCoda {mpsCoda>=126 && mpsCoda<=15053}



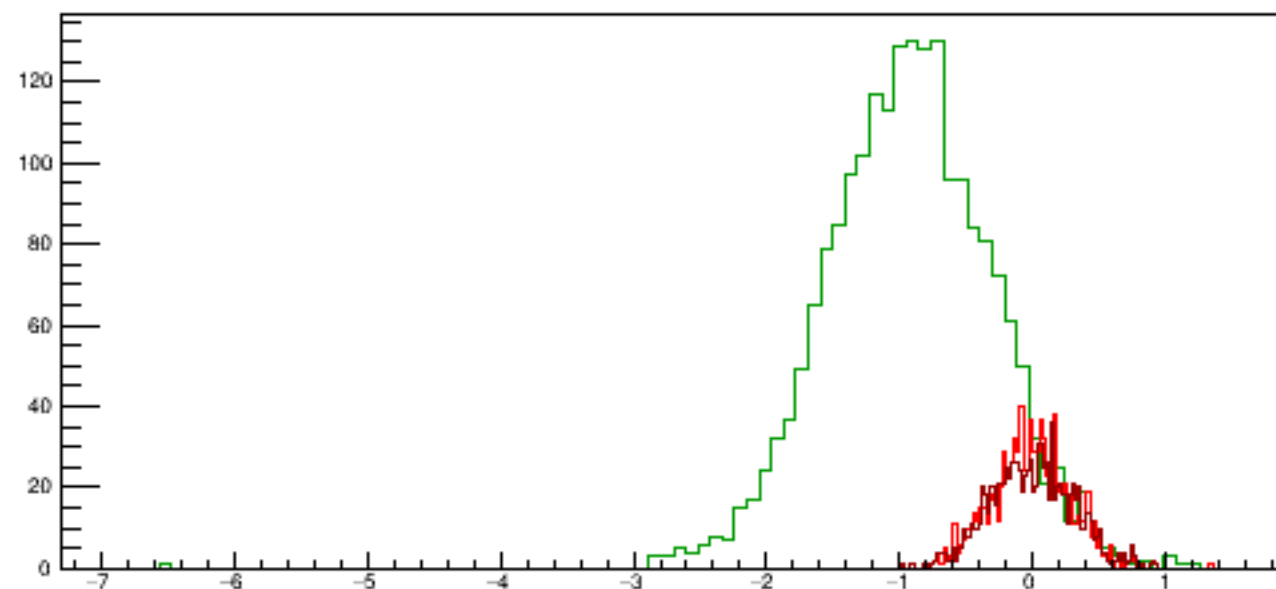
bcm:mpsCoda {mpsCoda>=126 && mpsCoda<=15053}



Cycle 2, Diffs

Entries: 908	Entries: 2059	Entries: 916
Mean: -0.0128 +/- 0.0096	Mean: -0.9346 +/- 0.0137	Mean: -0.0069 +/- 0.0105
Std Dev: 0.2907 +/- 0.0068	Std Dev: 0.6207 +/- 0.0097	Std Dev: 0.3174 +/- 0.0074

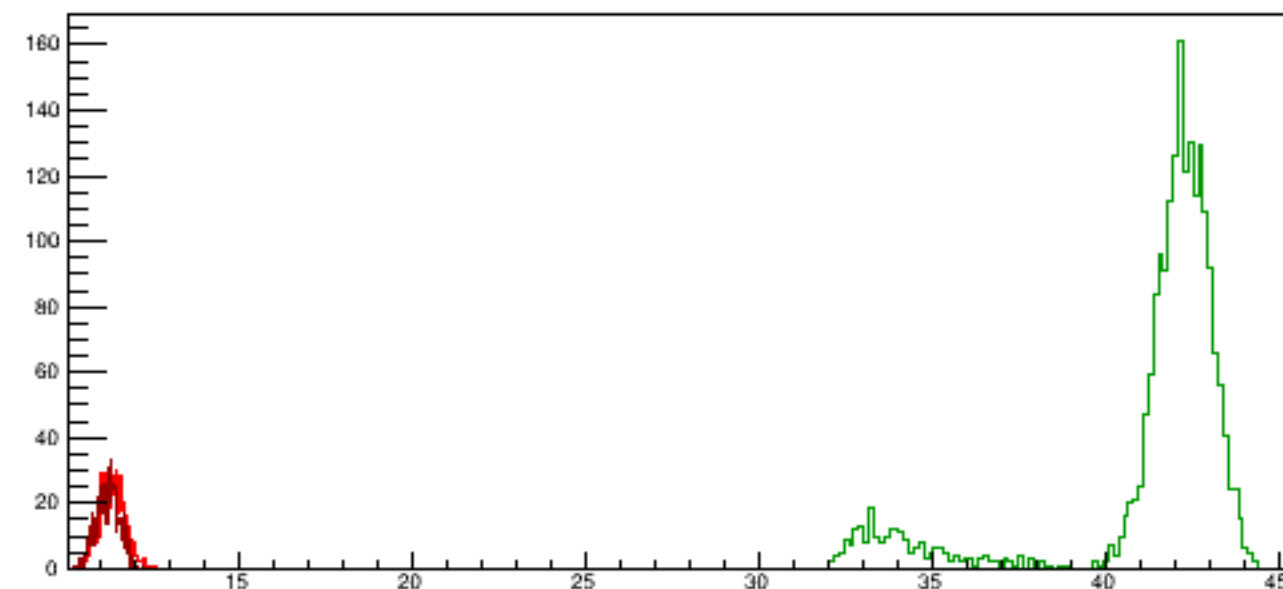
Run 5129 quartetwise, Diffs



Cycle 2, Sums

Entries: 908	Entries: 2059	Entries: 916
Mean: 11.3224 +/- 0.0122	Mean: 41.3241 +/- 0.0599	Mean: 11.1945 +/- 0.0109
Std Dev: 0.3672 +/- 0.0086	Std Dev: 2.7161 +/- 0.0423	Std Dev: 0.3302 +/- 0.0077

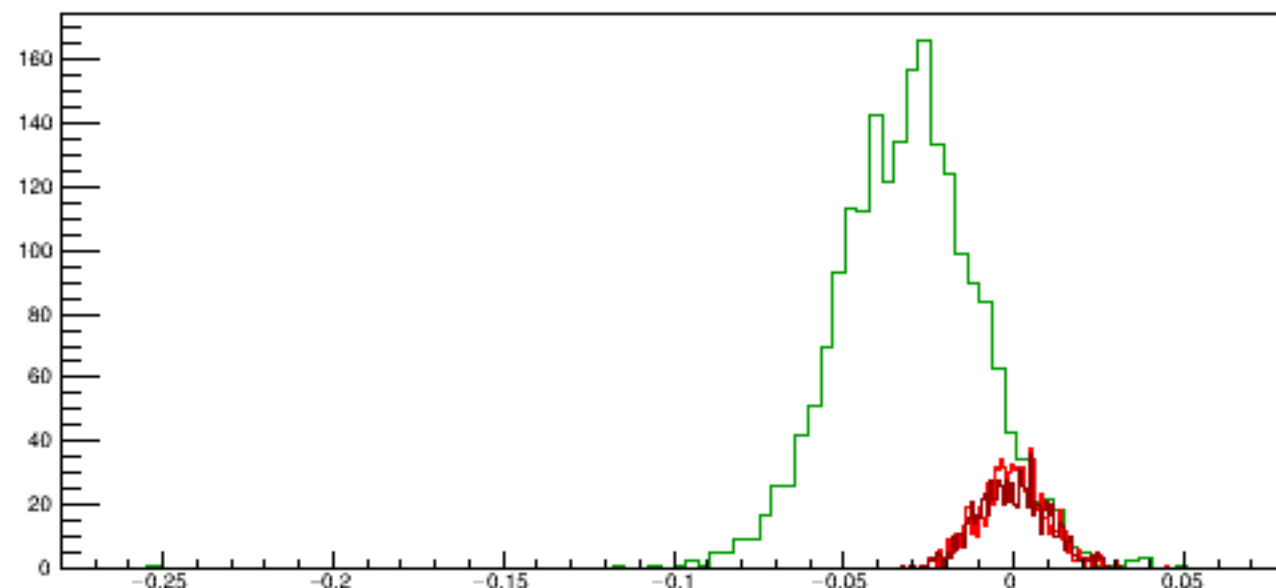
Run 5129 quartetwise, Sums



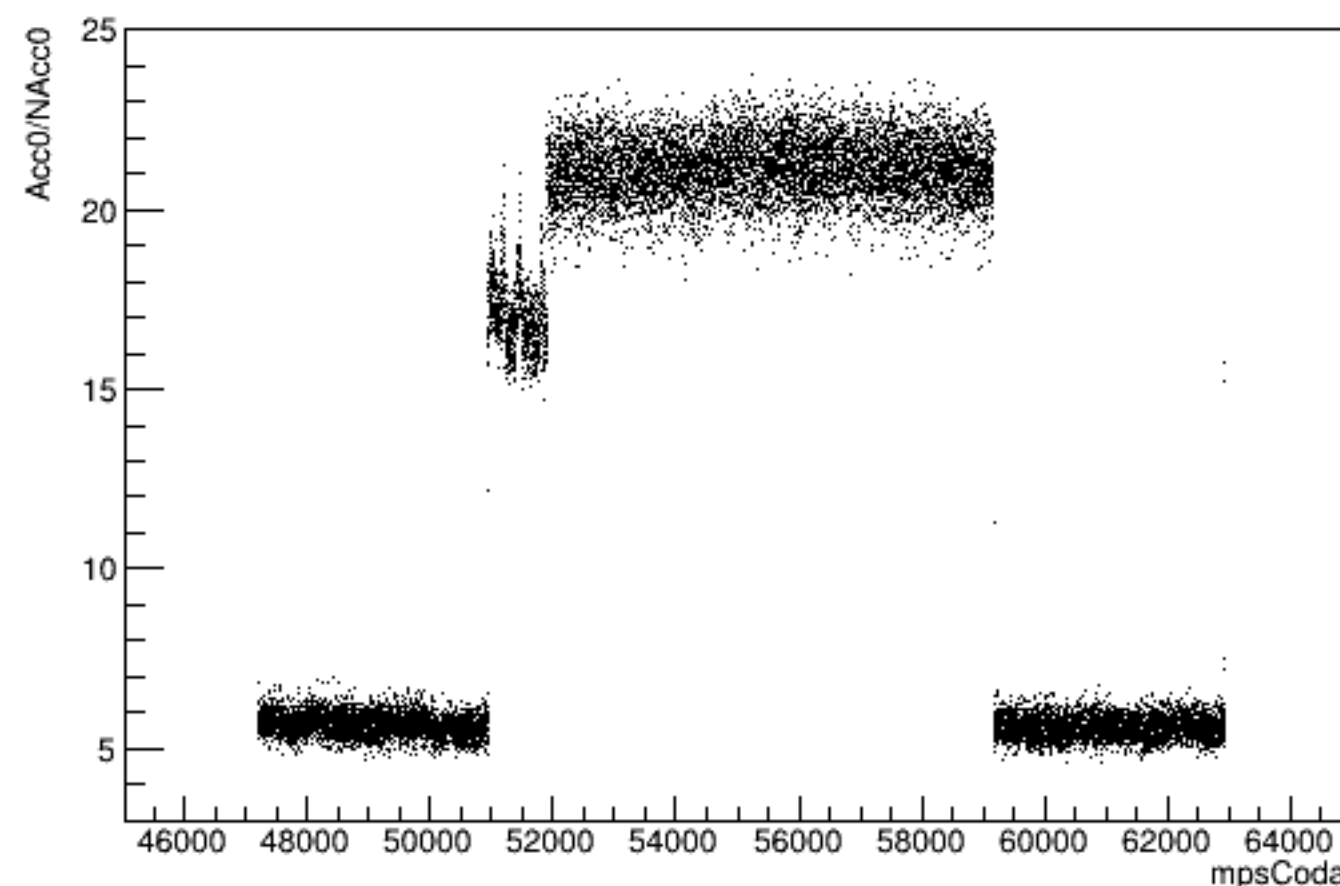
Cycle 2, Asyms

Entries: 908	Entries: 2059	Entries: 916
Mean: -0.0004 +/- 0.0003	Mean: -0.0311 +/- 0.0005	Mean: -0.0002 +/- 0.0003
Std Dev: 0.0097 +/- 0.0002	Std Dev: 0.0209 +/- 0.0003	Std Dev: 0.0106 +/- 0.0002

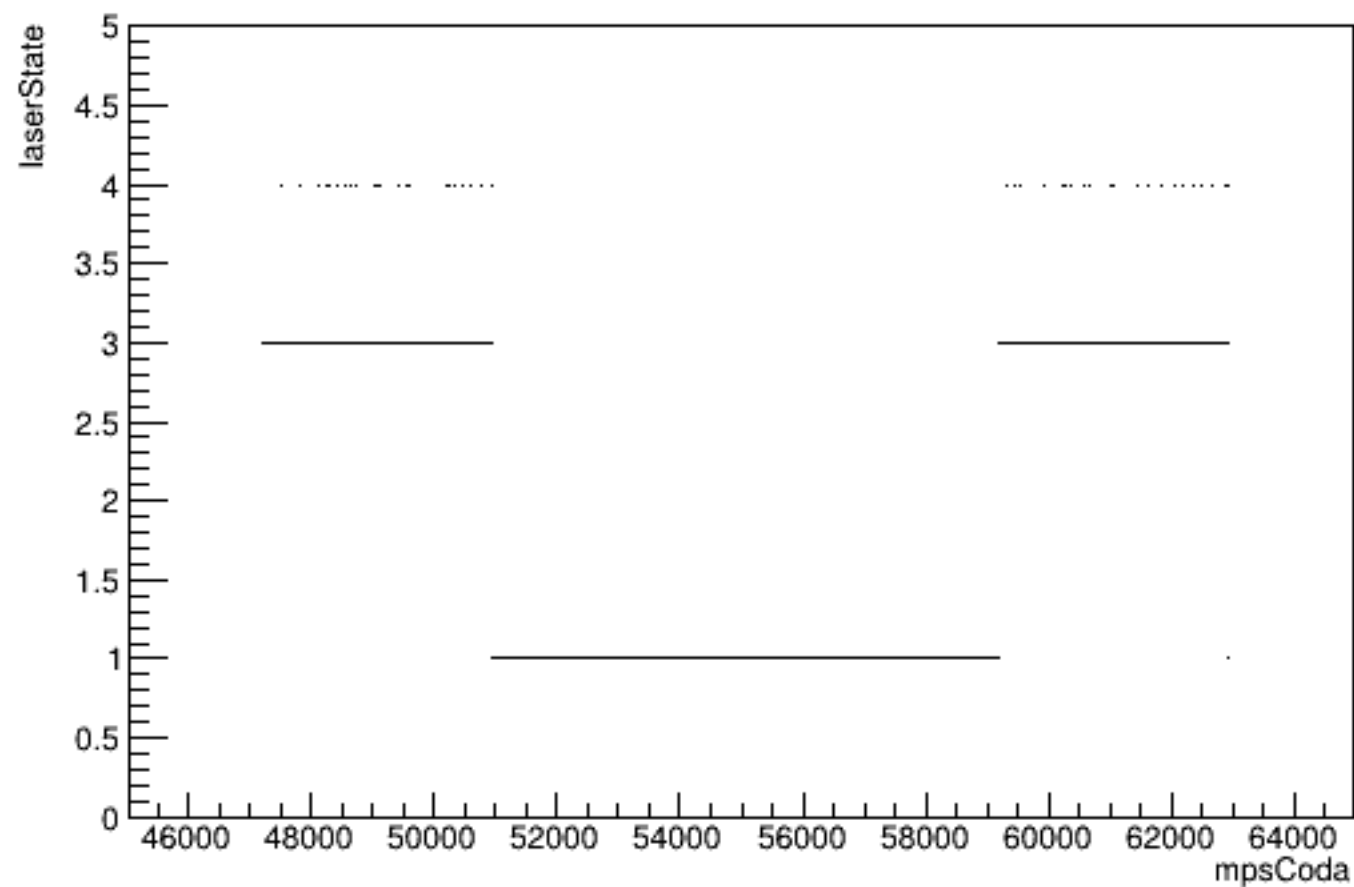
Run 5129 quartetwise, Asyms



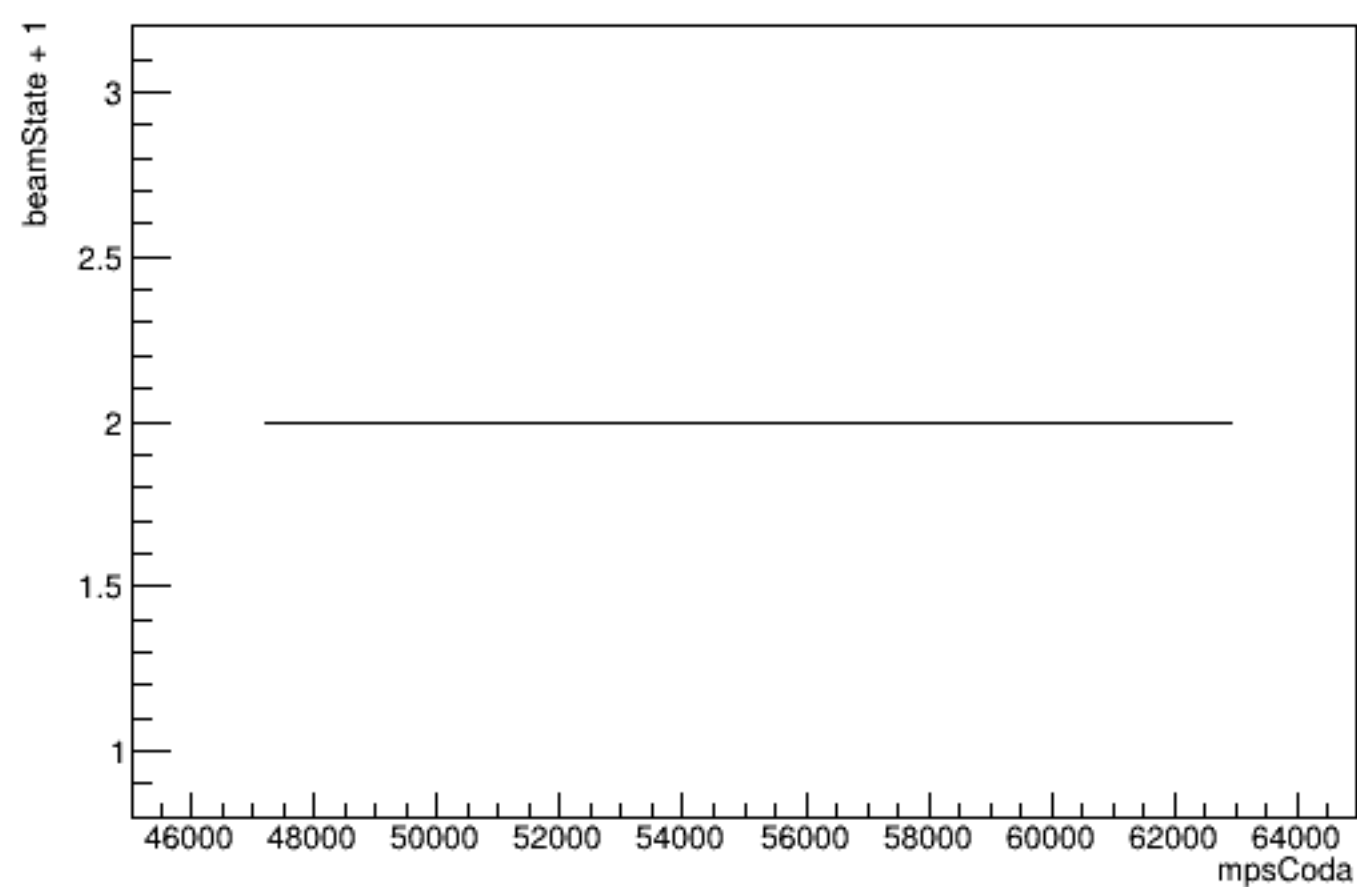
Acc0/NAcc0:mpsCoda {mpsCoda>=47206 && mpsCoda<=62937 && beamState==1}



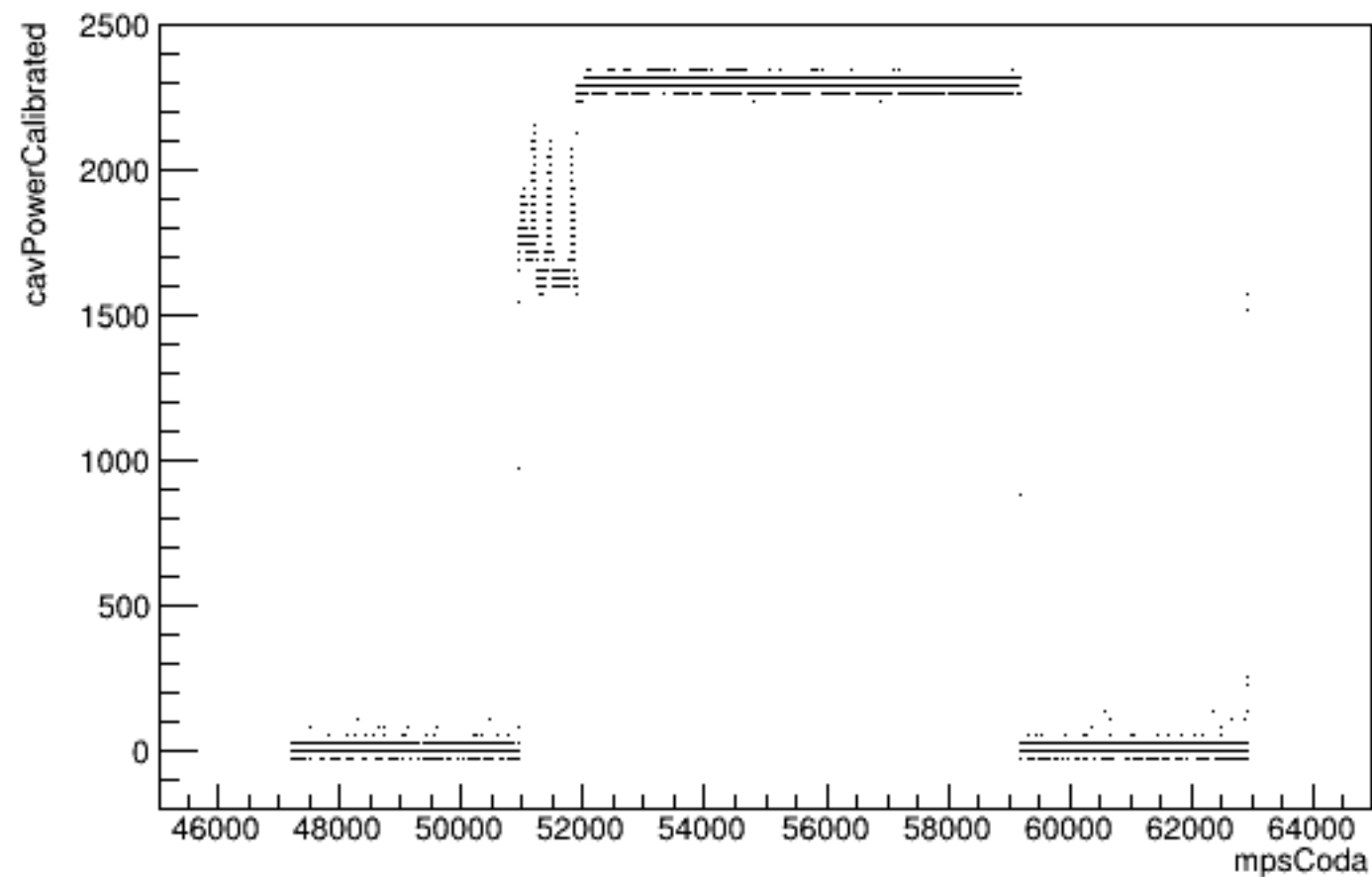
laserState:mpsCoda {mpsCoda>=47206 && mpsCoda<=62937}



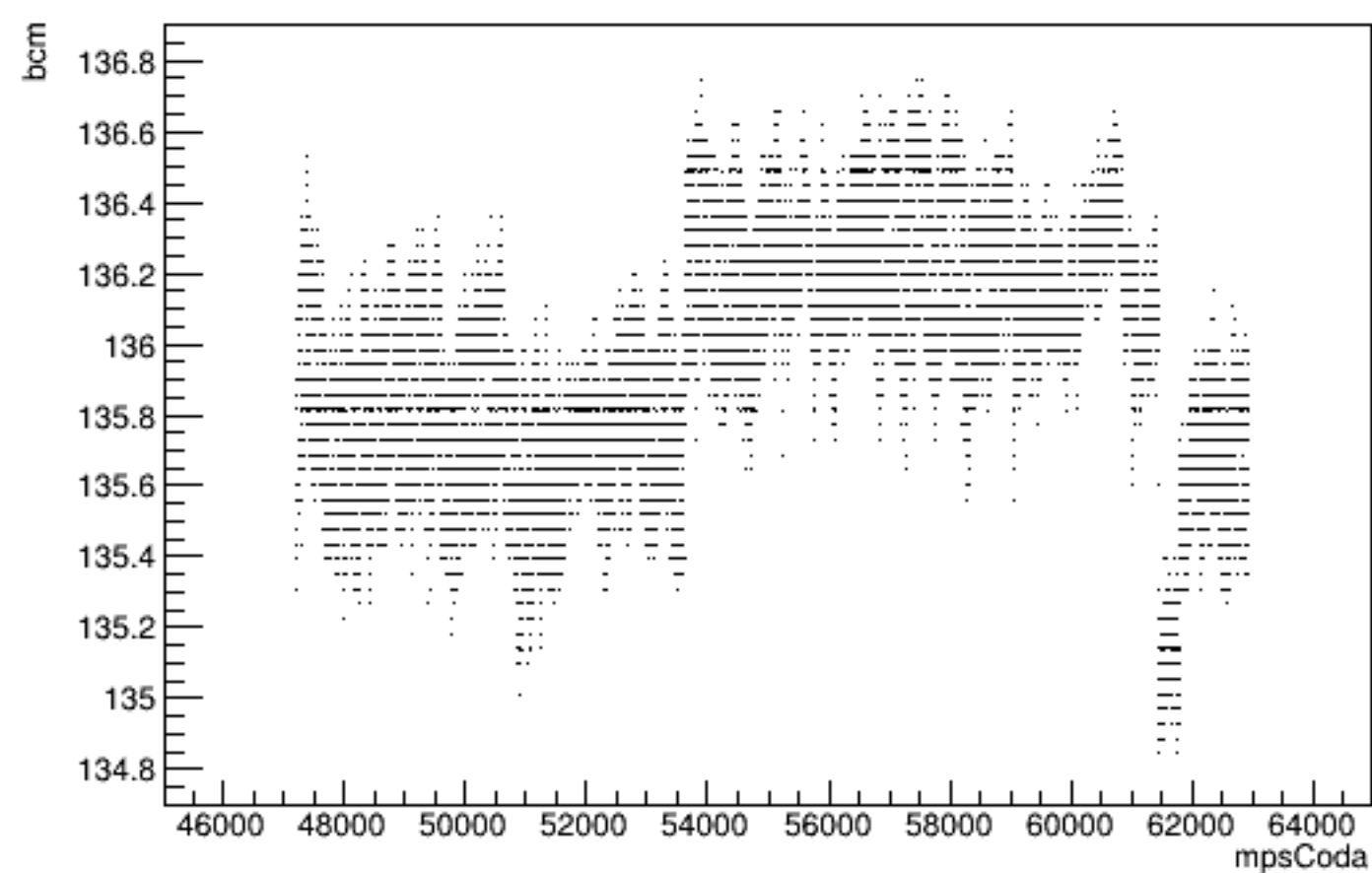
beamState + 1:mpsCoda {mpsCoda>=47206 && mpsCoda<=62937}



cavPowerCalibrated:mpsCoda {mpsCoda>=47206 && mpsCoda<=62937}



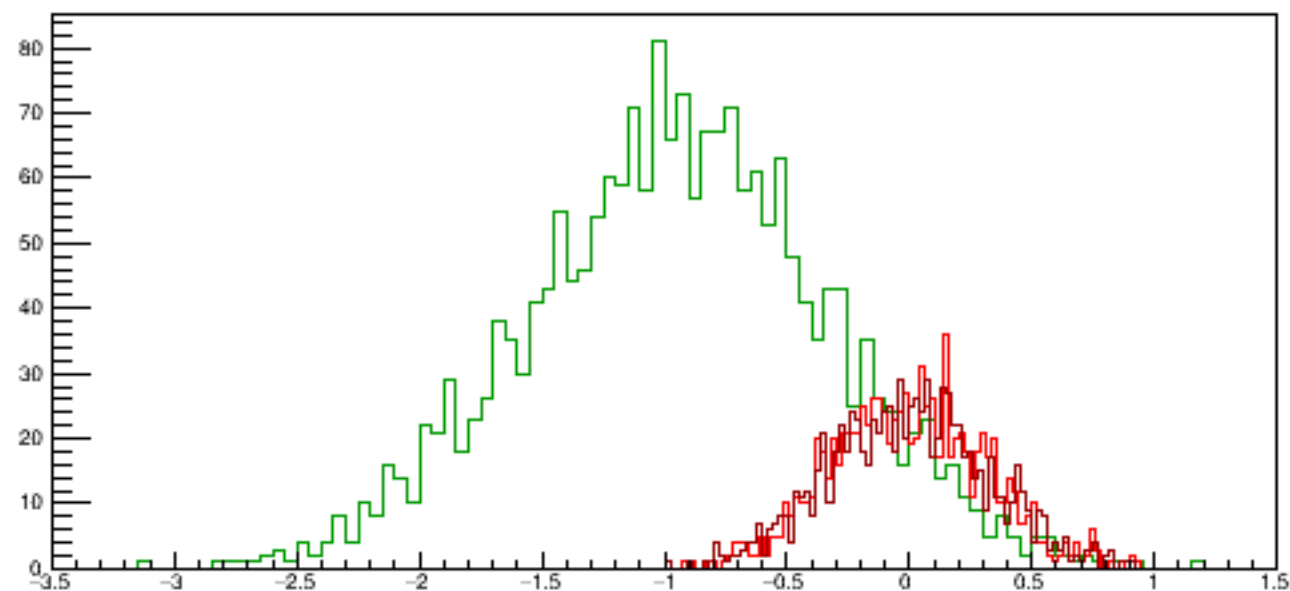
bcm:mpsCoda {mpsCoda>=47206 && mpsCoda<=62937}



Cycle 3, Diffs

Entries: 916	Entries: 2051	Entries: 916
Mean: -0.0069 +/- 0.0105	Mean: -0.9440 +/- 0.0136	Mean: -0.0054 +/- 0.0107
Std Dev: 0.3174 +/- 0.0074	Std Dev: 0.6145 +/- 0.0096	Std Dev: 0.3243 +/- 0.0076

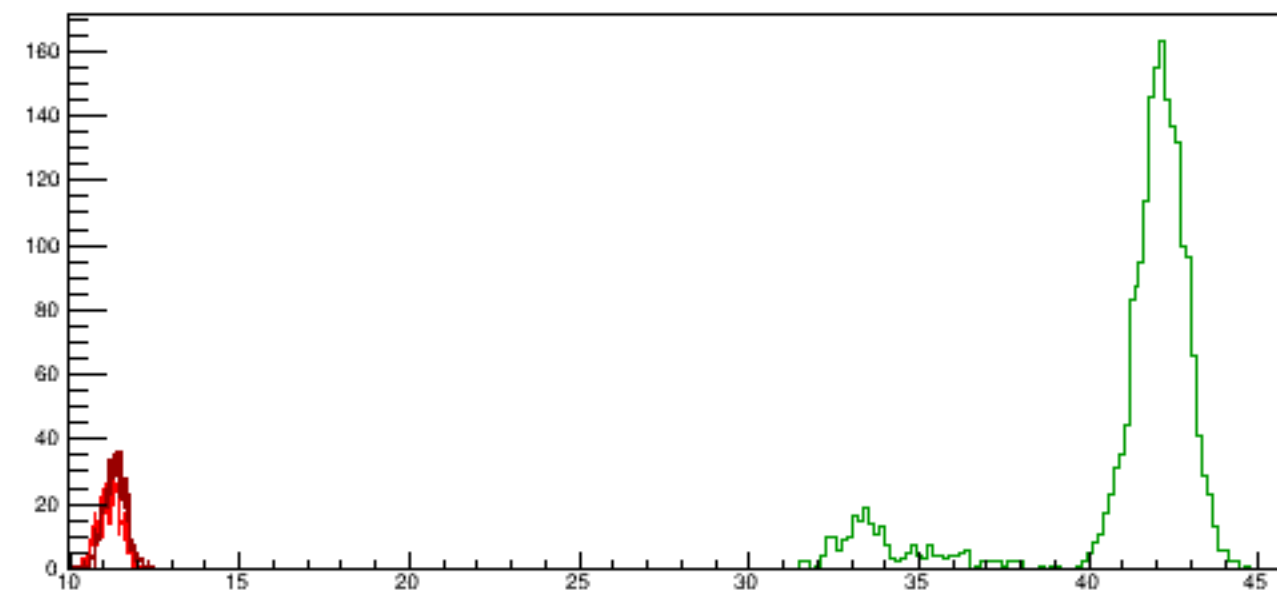
Run 5129 quartetwise, Diffs



Cycle 3, Sums

Entries: 916	Entries: 2051	Entries: 916
Mean: 11.1945 +/- 0.0109	Mean: 41.2256 +/- 0.0591	Mean: 11.3243 +/- 0.0106
Std Dev: 0.3302 +/- 0.0077	Std Dev: 2.6754 +/- 0.0418	Std Dev: 0.3206 +/- 0.0075

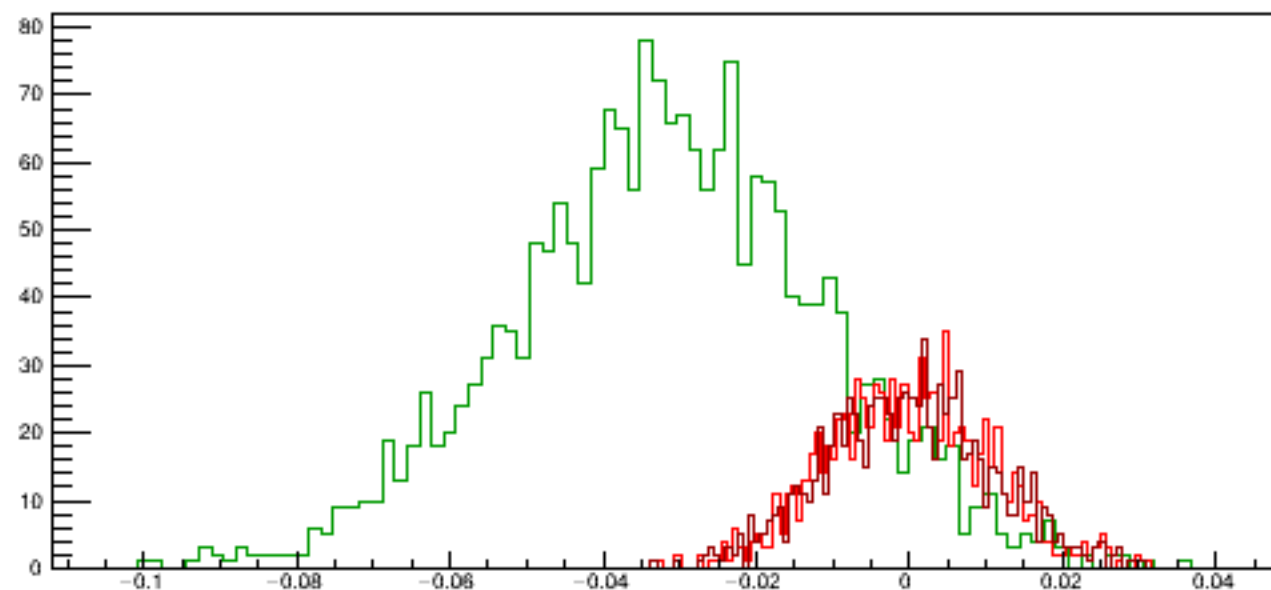
Run 5129 quartetwise, Sums



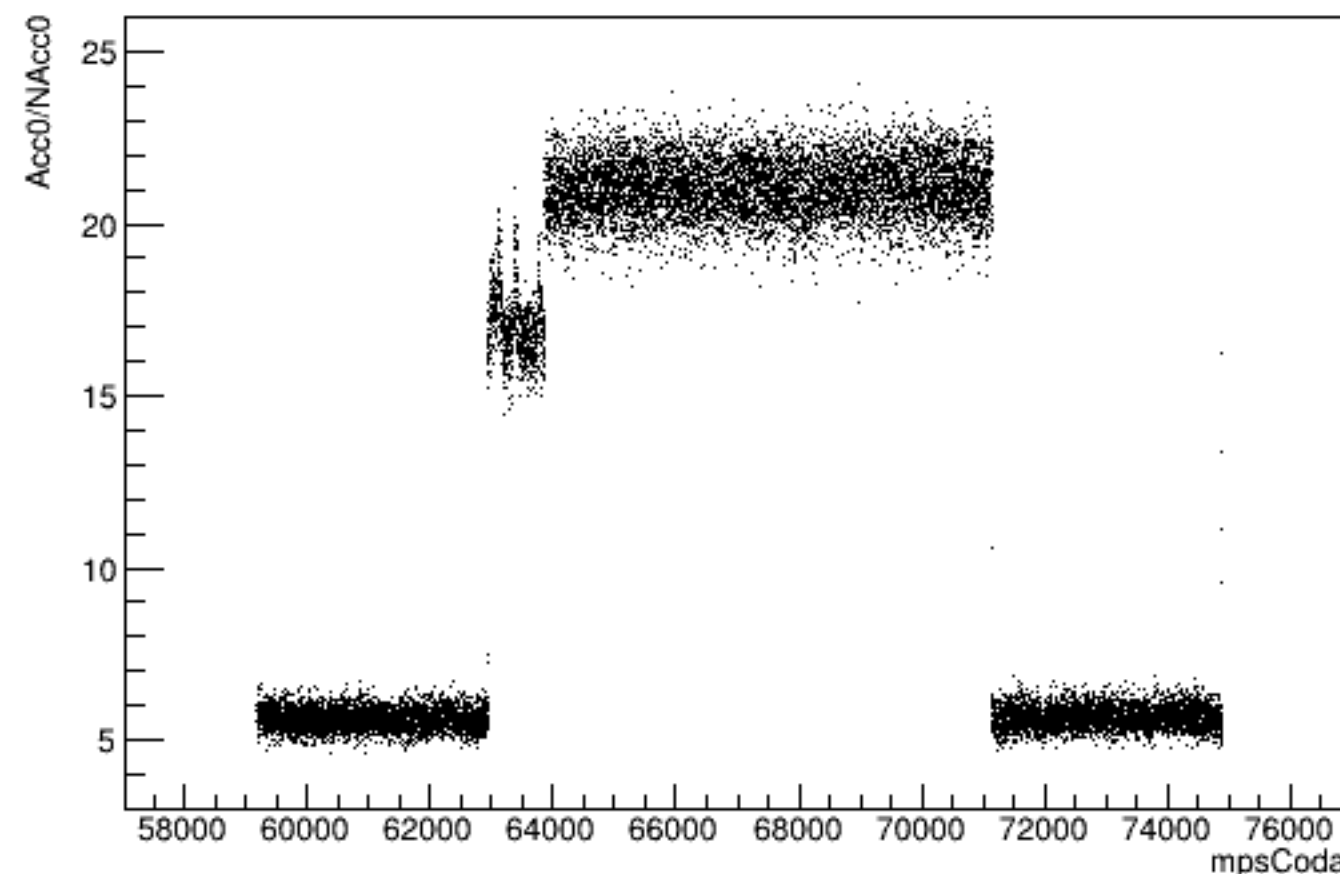
Cycle 3, Asyms

Entries: 916	Entries: 2051	Entries: 916
Mean: -0.0002 +/- 0.0004	Mean: -0.0315 +/- 0.0005	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0106 +/- 0.0002	Std Dev: 0.0204 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

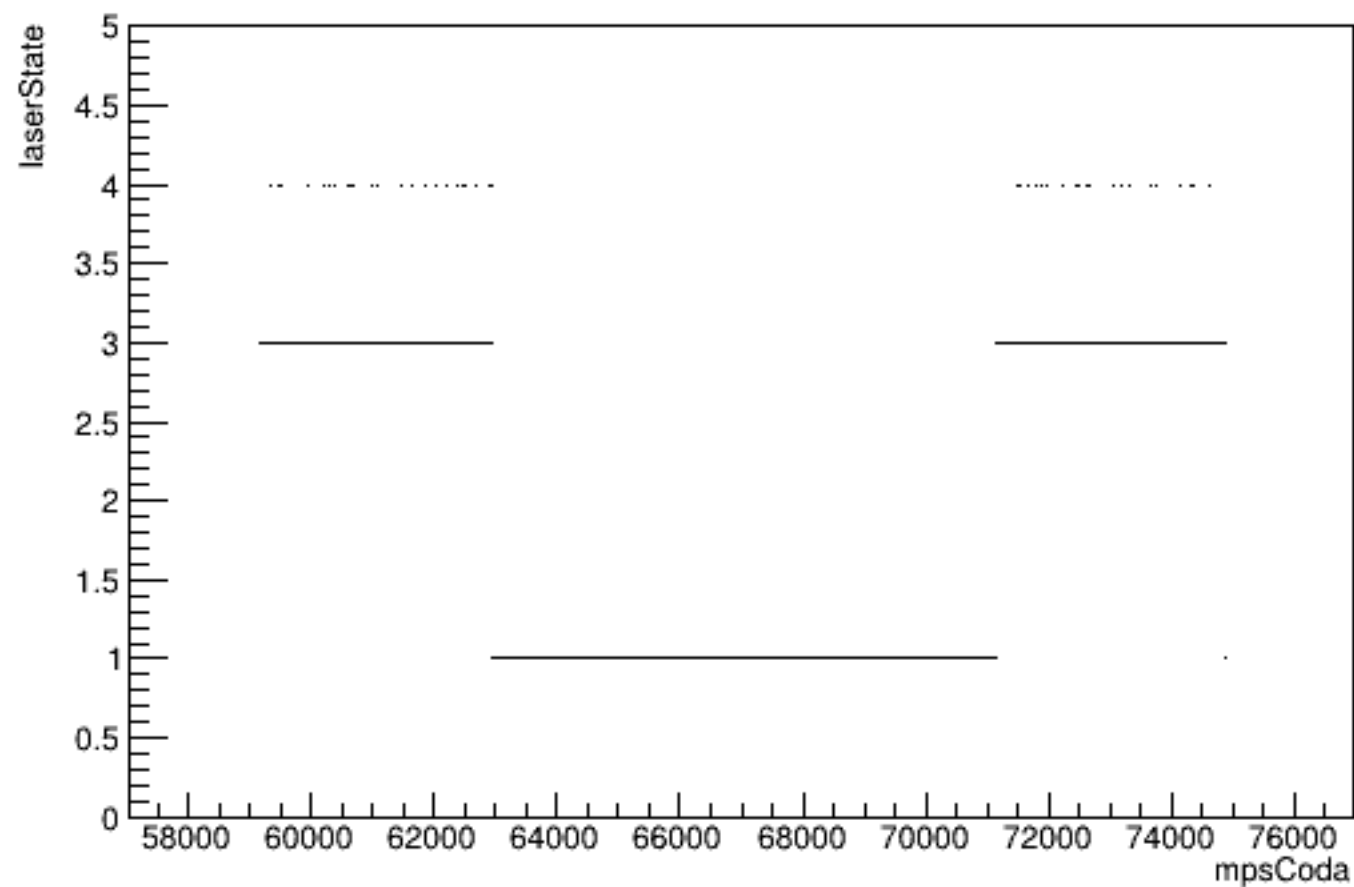
Run 5129 quartetwise, Asyms



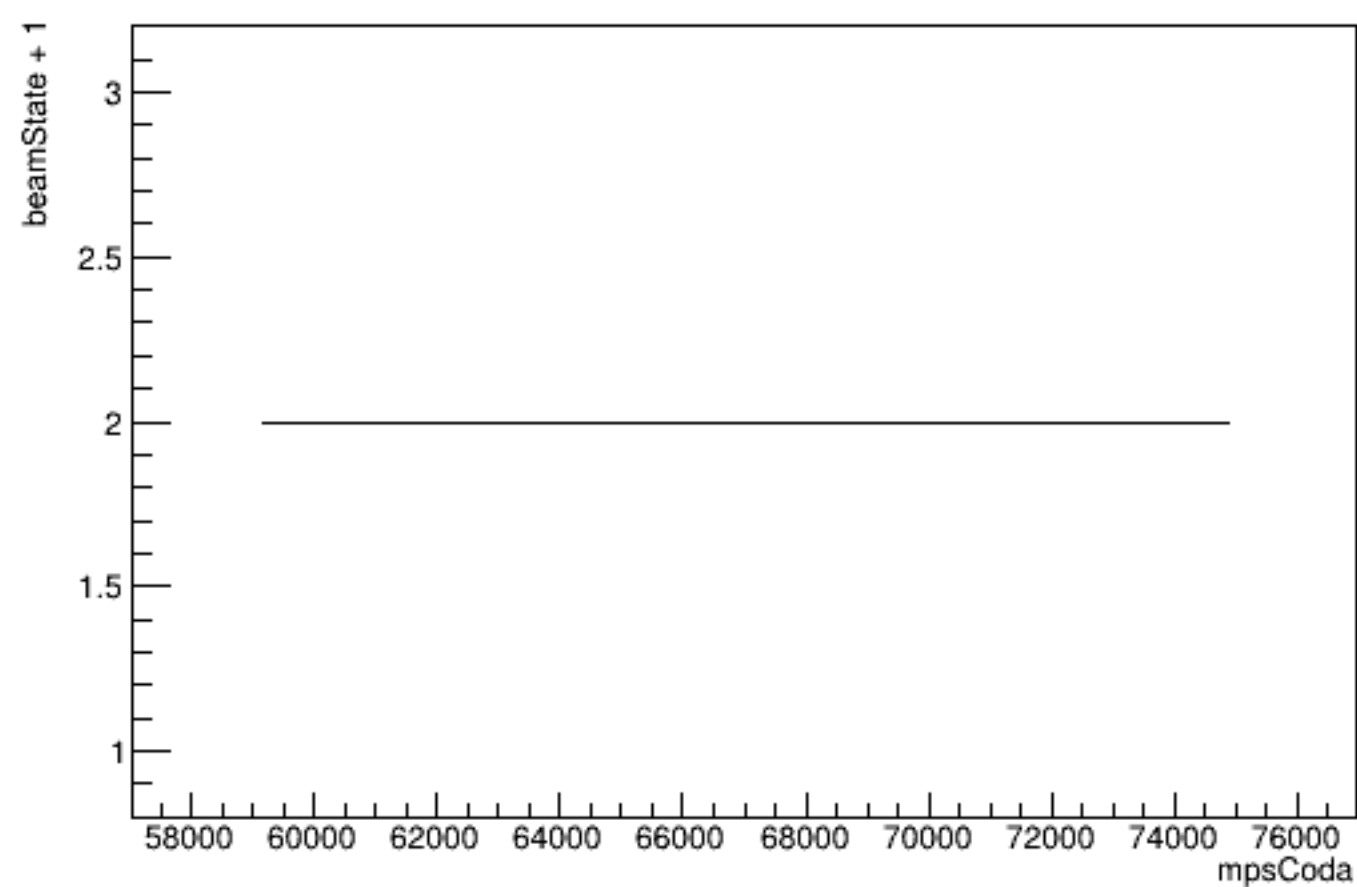
Acc0/NAcc0:mpsCoda {mpsCoda>=59174 && mpsCoda<=74897 && beamState==1}



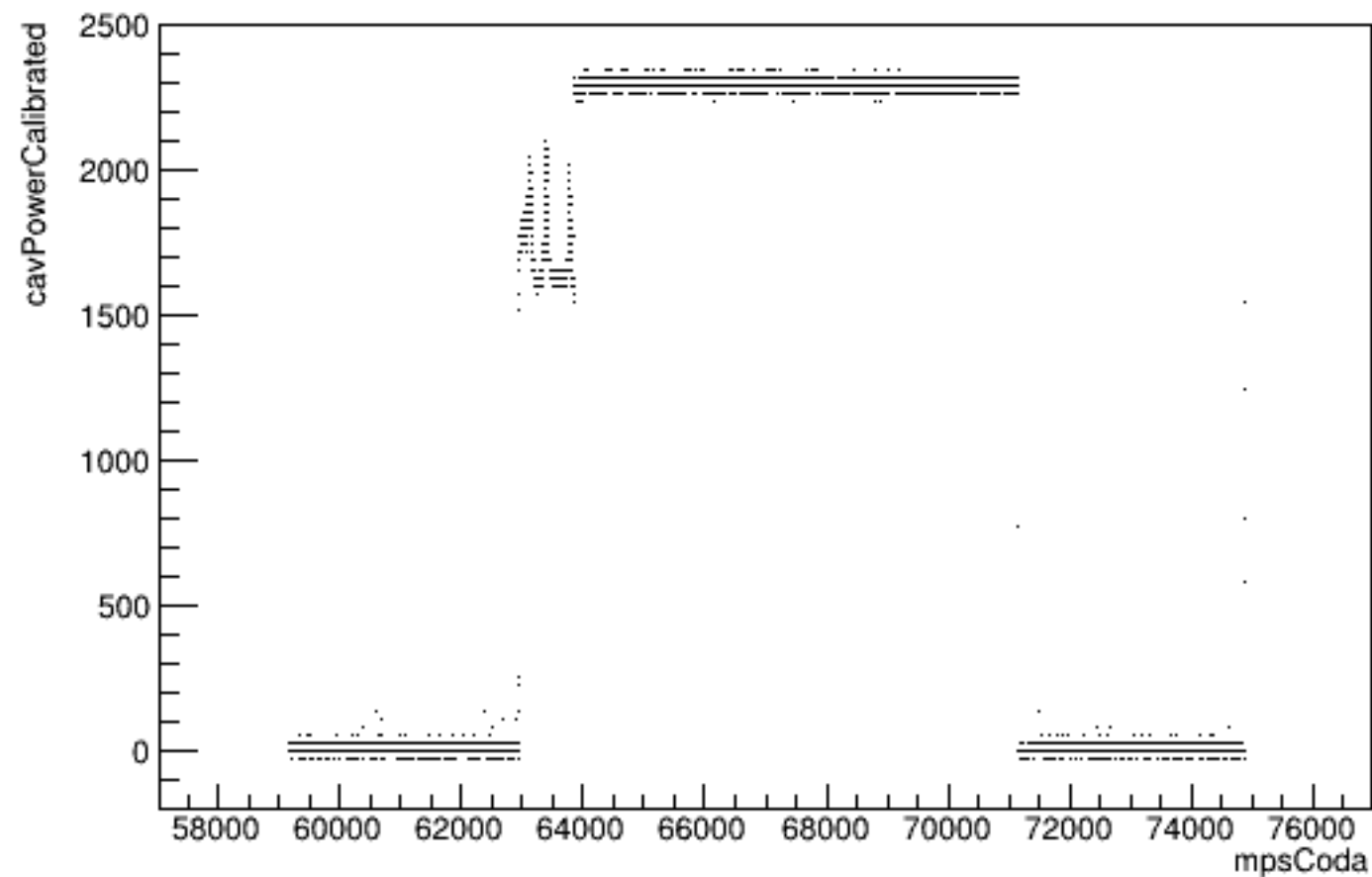
laserState:mpsCoda {mpsCoda>=59174 && mpsCoda<=74897}



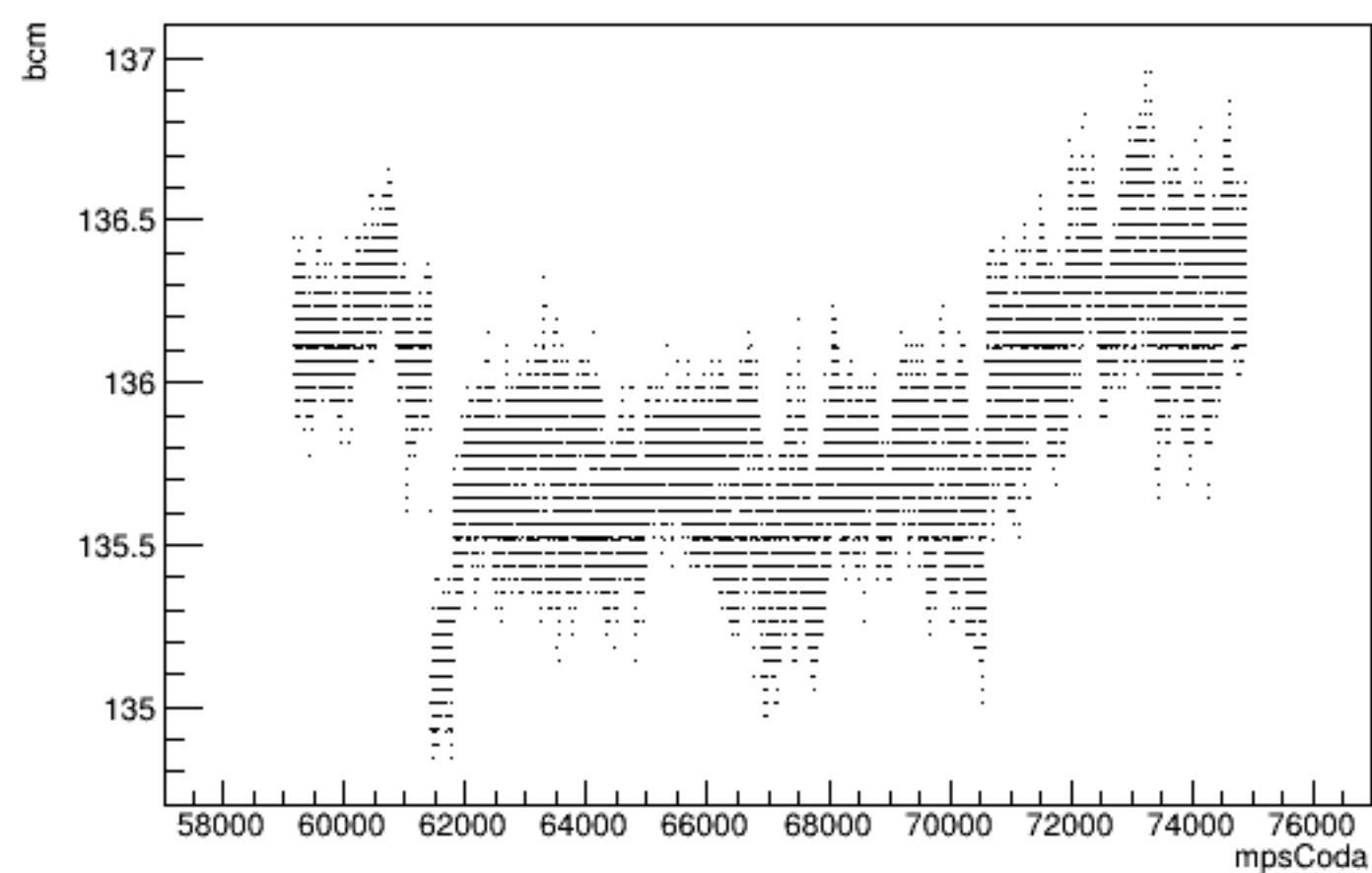
beamState + 1:mpsCoda {mpsCoda>=59174 && mpsCoda<=74897}



cavPowerCalibrated:mpsCoda {mpsCoda>=59174 && mpsCoda<=74897}



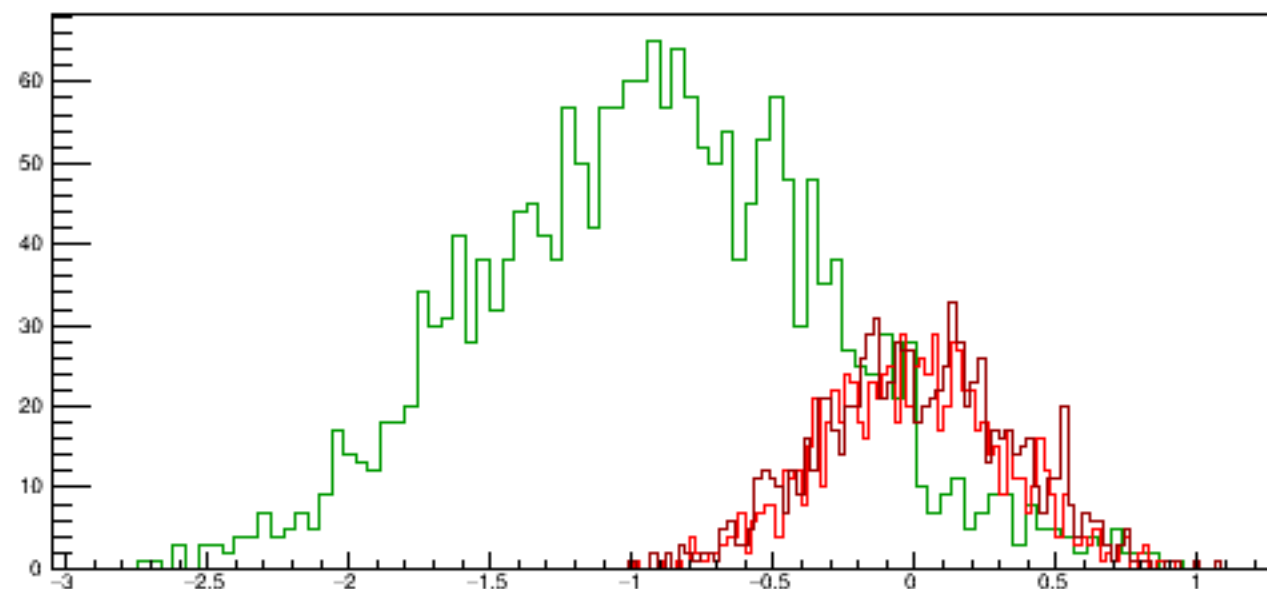
bcm:mpsCoda {mpsCoda>=59174 && mpsCoda<=74897}



Cycle 4, Diffs

Entries: 916	Entries: 2053	Entries: 916
Mean: -0.0054 +/- 0.0107	Mean: -0.9244 +/- 0.0135	Mean: 0.0066 +/- 0.0113
Std Dev: 0.3243 +/- 0.0076	Std Dev: 0.6100 +/- 0.0095	Std Dev: 0.3409 +/- 0.0080

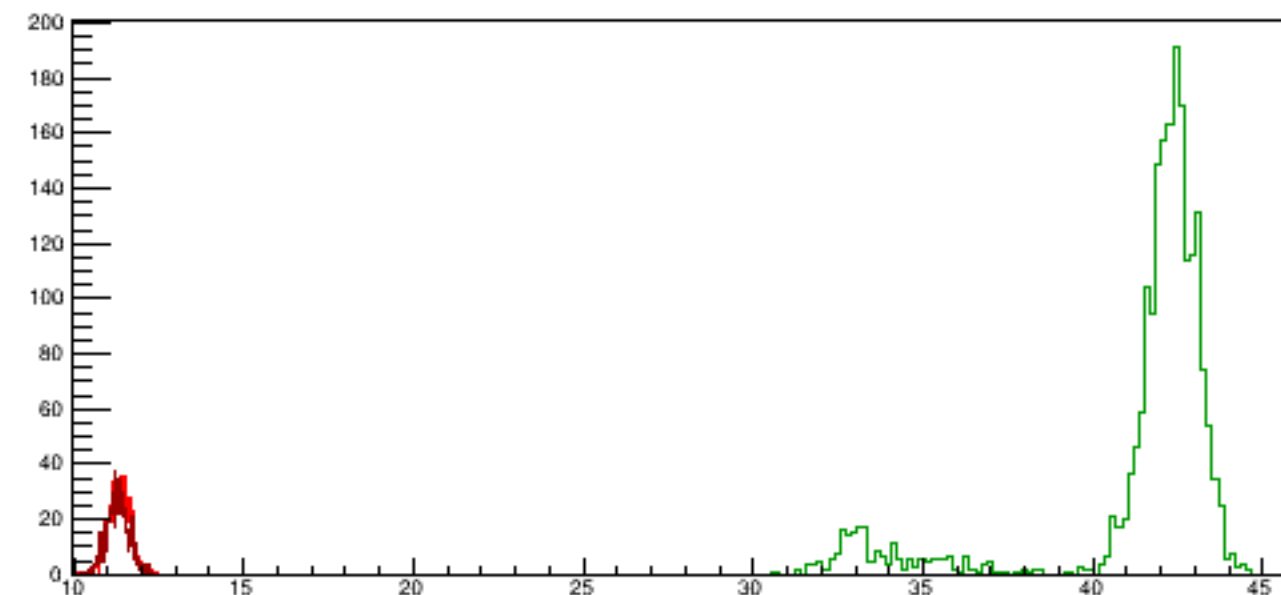
Run 5129 quartetwise, Diffs



Cycle 4, Sums

Entries: 916	Entries: 2053	Entries: 916
Mean: 11.3243 +/- 0.0106	Mean: 41.3981 +/- 0.0613	Mean: 11.2890 +/- 0.0114
Std Dev: 0.3206 +/- 0.0075	Std Dev: 2.7788 +/- 0.0434	Std Dev: 0.3457 +/- 0.0081

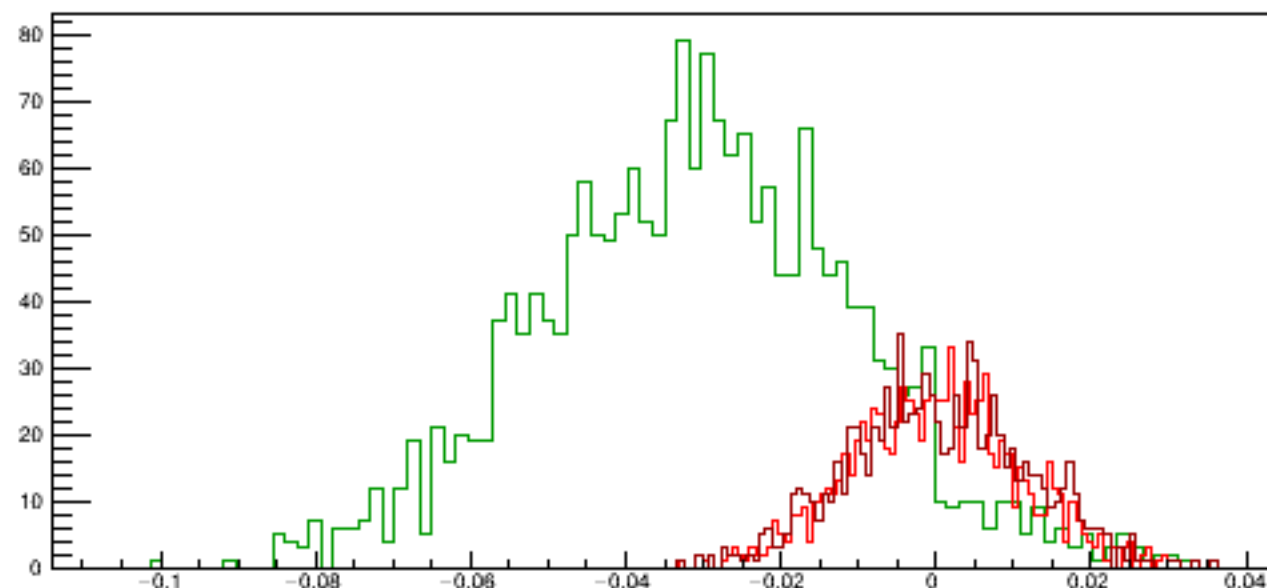
Run 5129 quartetwise, Sums



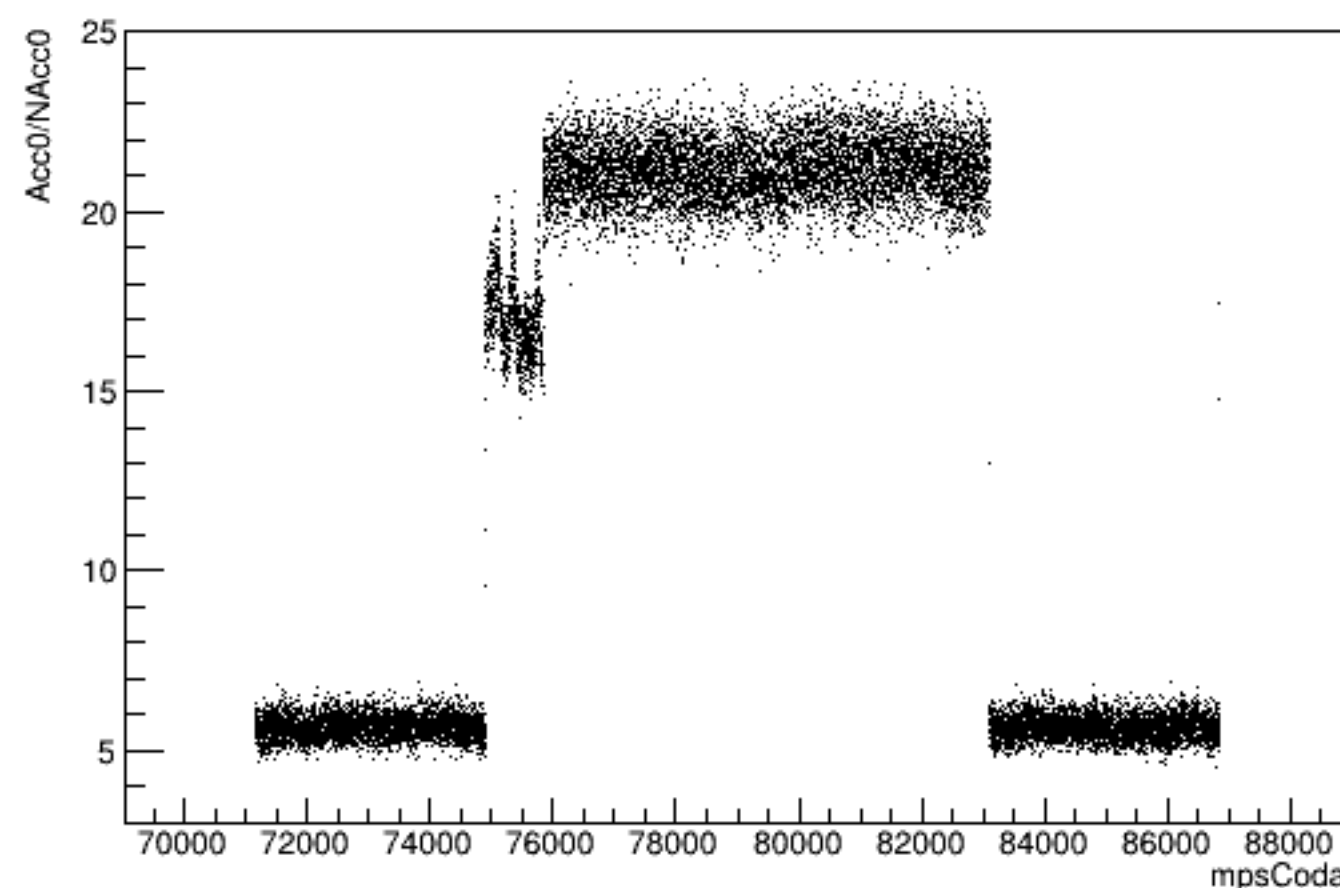
Cycle 4, Asyms

Entries: 916	Entries: 2053	Entries: 916
Mean: -0.0002 +/- 0.0004	Mean: -0.0308 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0203 +/- 0.0003	Std Dev: 0.0113 +/- 0.0003

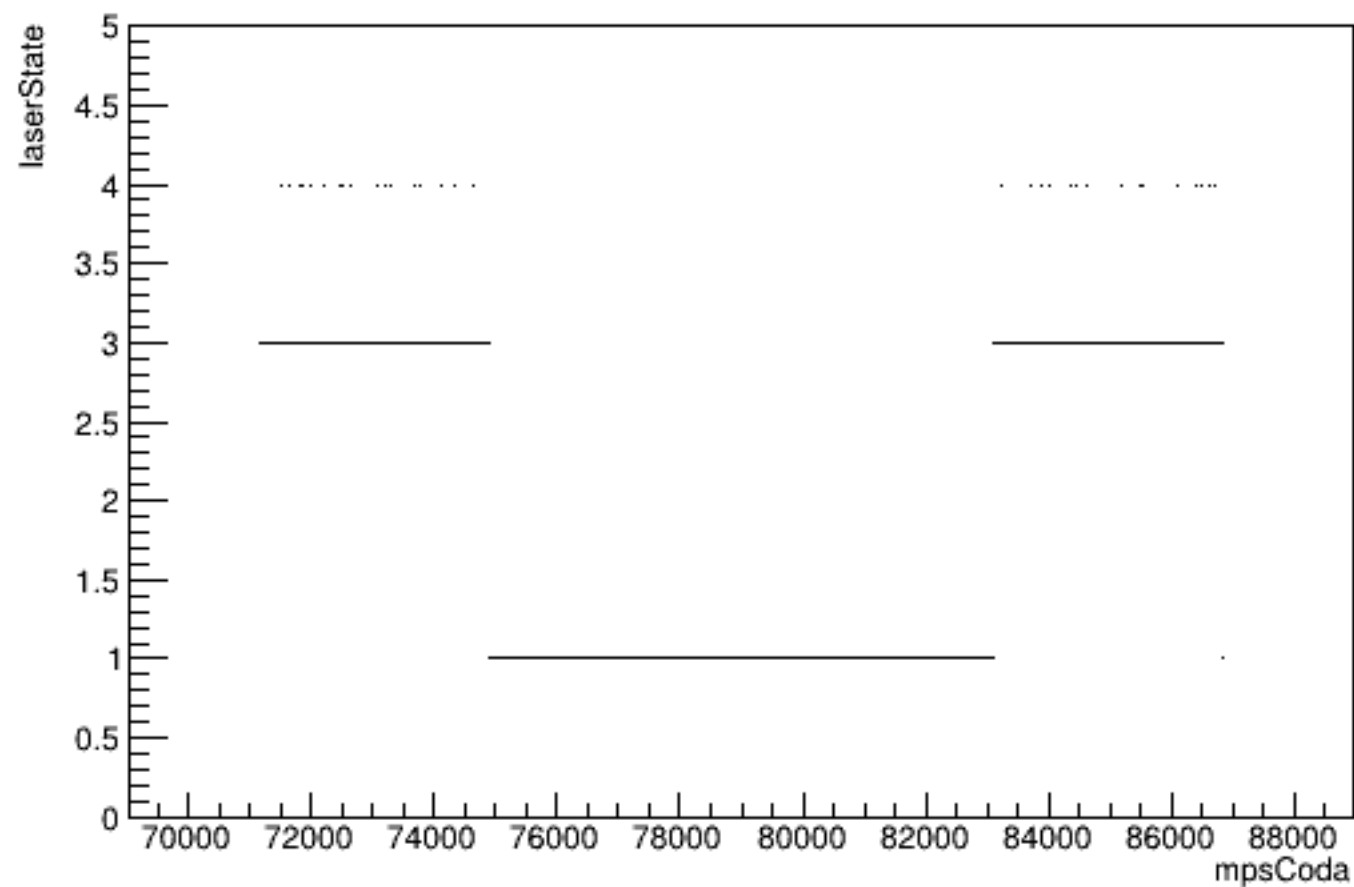
Run 5129 quartetwise, Asyms



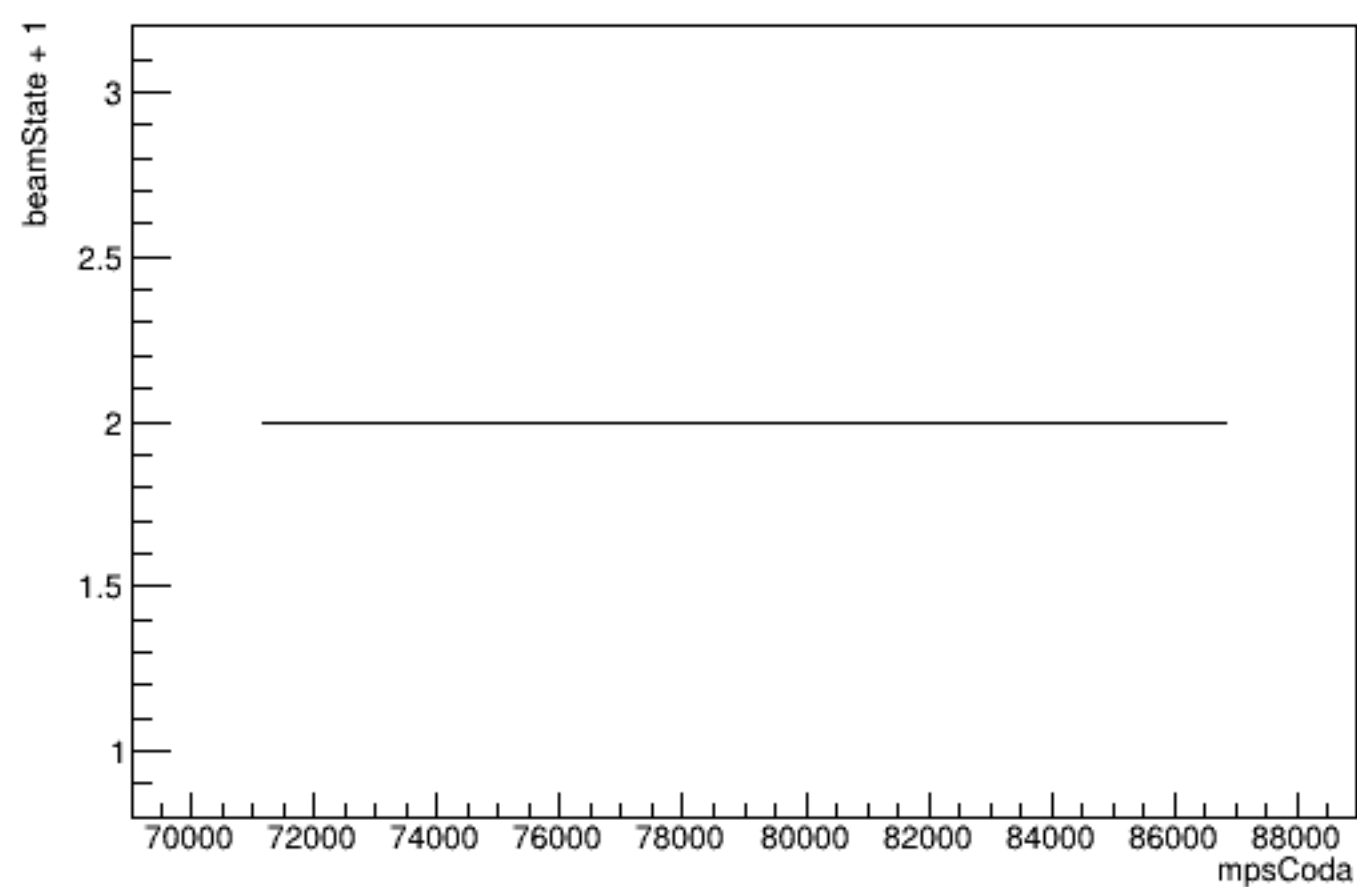
Acc0/NAcc0:mpsCoda {mpsCoda>=71146 && mpsCoda<=86853 && beamState==1}



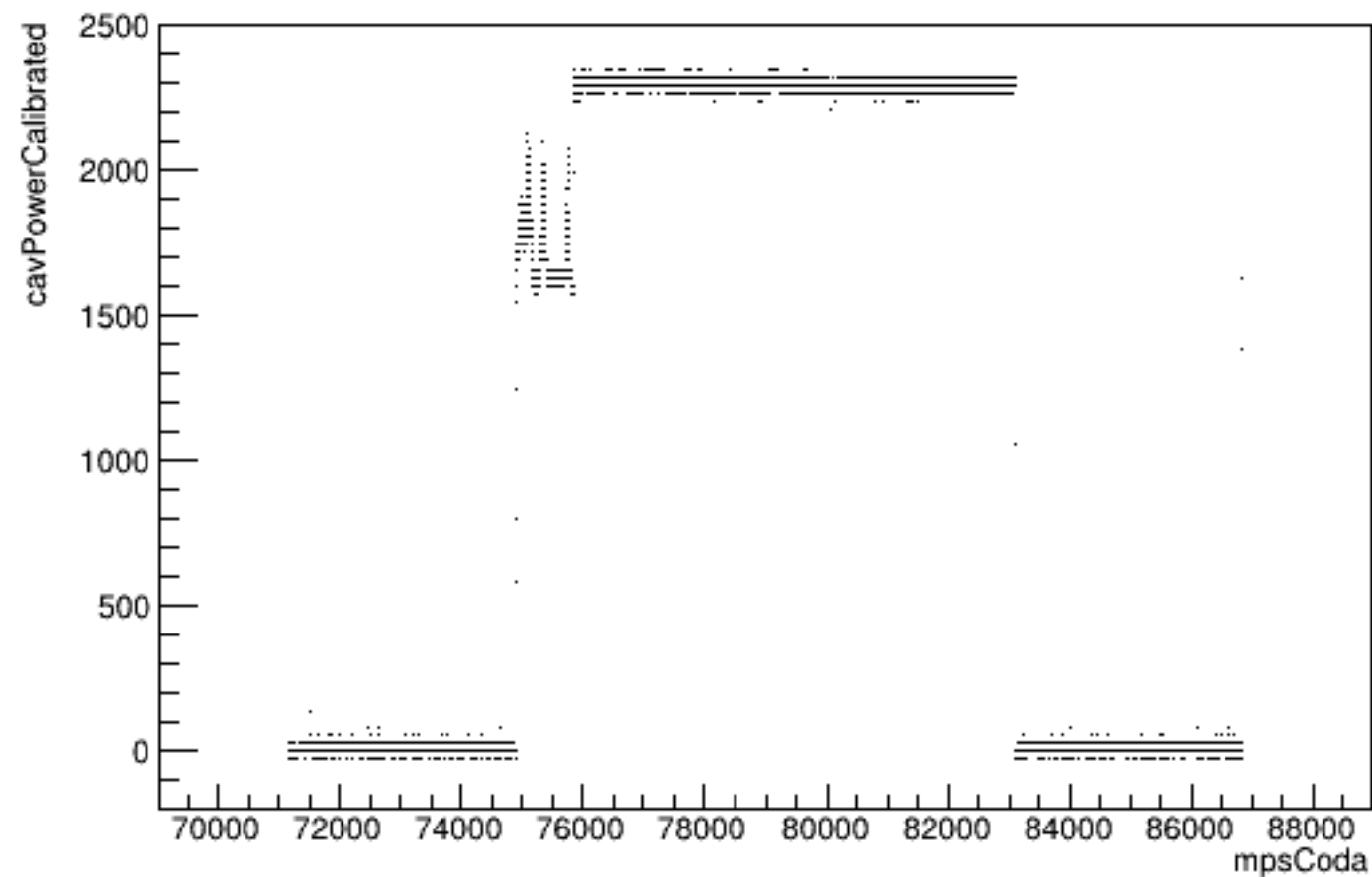
laserState:mpsCoda {mpsCoda>=71146 && mpsCoda<=86853}



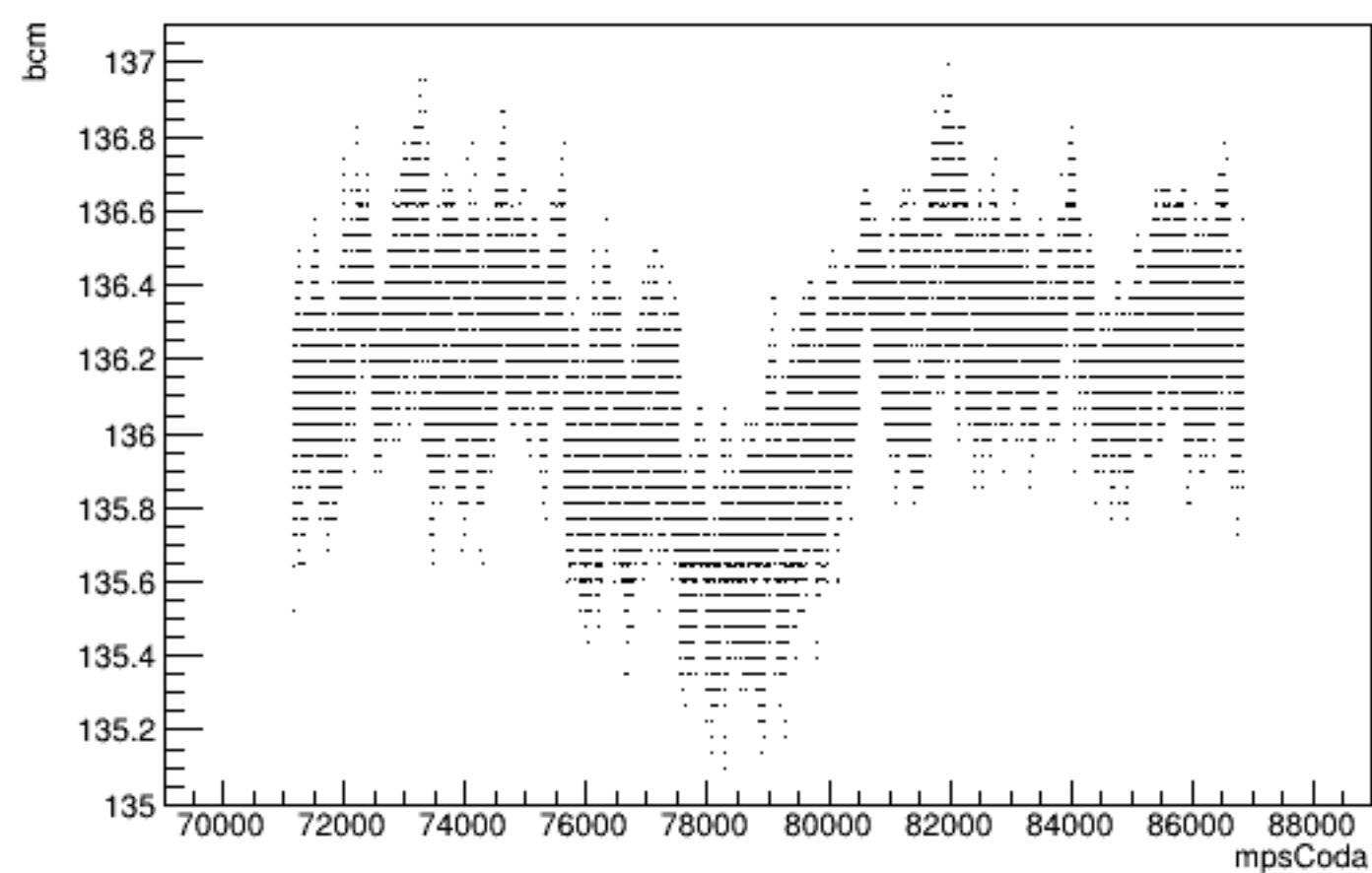
beamState + 1:mpsCoda {mpsCoda>=71146 && mpsCoda<=86853}



cavPowerCalibrated:mpsCoda {mpsCoda>=71146 && mpsCoda<=86853}



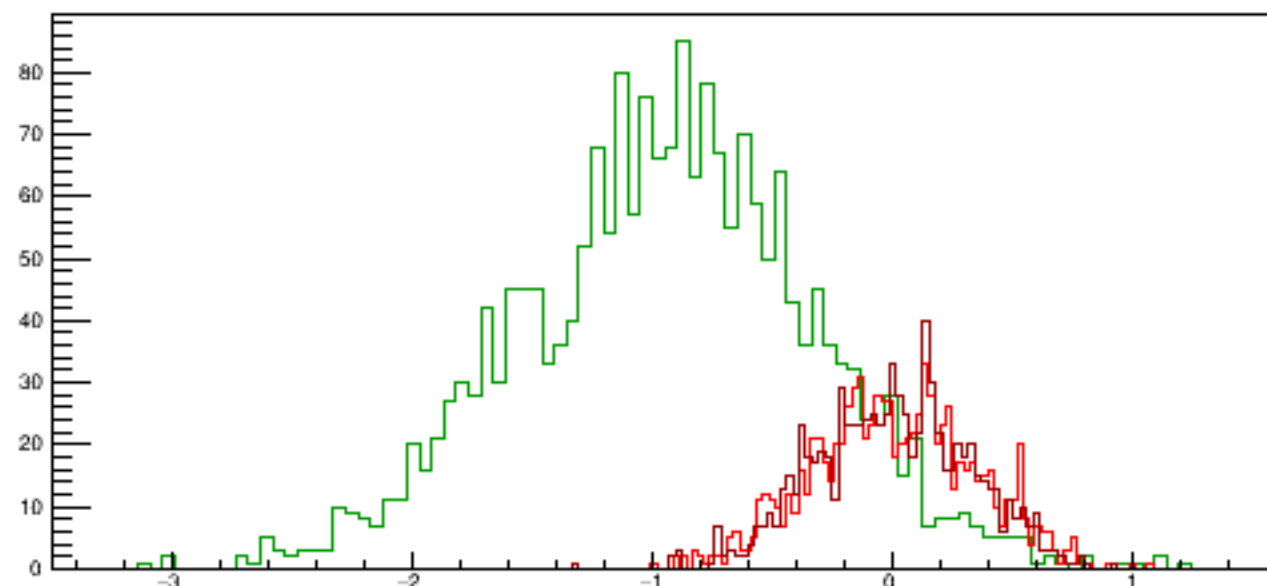
bcm:mpsCoda {mpsCoda>=71146 && mpsCoda<=86853}



Cycle 5, Diffs

Entries: 916	Entries: 2057	Entries: 829
Mean: 0.0066 +/- 0.0113	Mean: -0.9435 +/- 0.0135	Mean: -0.0038 +/- 0.0112
Std Dev: 0.3409 +/- 0.0080	Std Dev: 0.6132 +/- 0.0096	Std Dev: 0.3239 +/- 0.0080

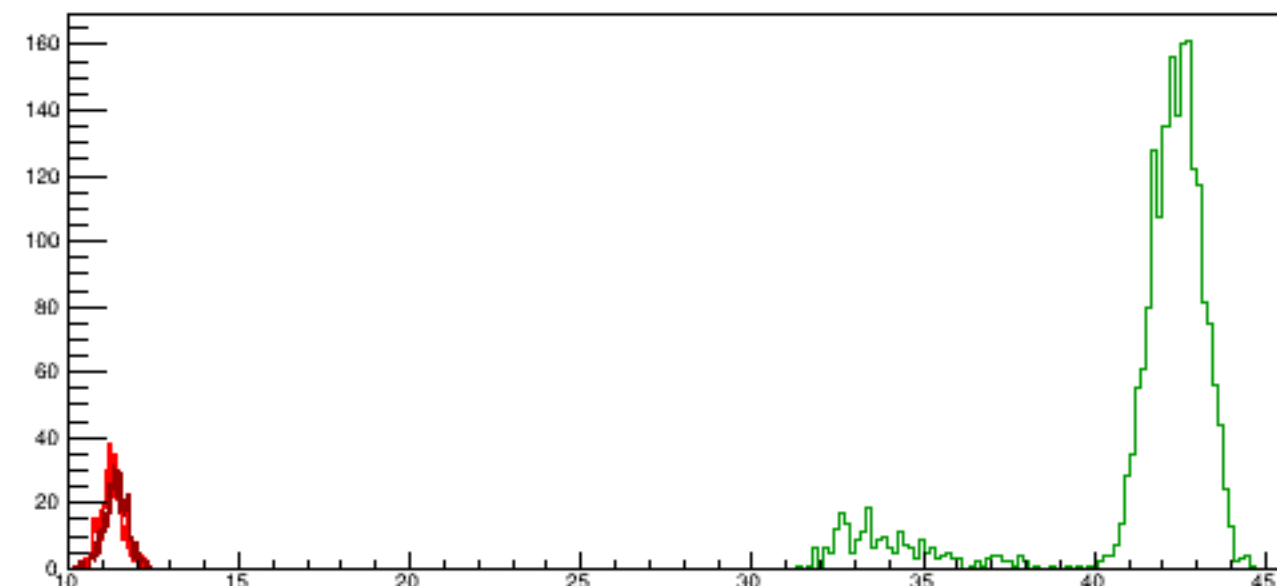
Run 5129 quartetwise, Diffs



Cycle 5, Sums

Entries: 916	Entries: 2057	Entries: 829
Mean: 11.2890 +/- 0.0114	Mean: 41.4510 +/- 0.0615	Mean: 11.3993 +/- 0.0120
Std Dev: 0.3457 +/- 0.0081	Std Dev: 2.7898 +/- 0.0435	Std Dev: 0.3455 +/- 0.0085

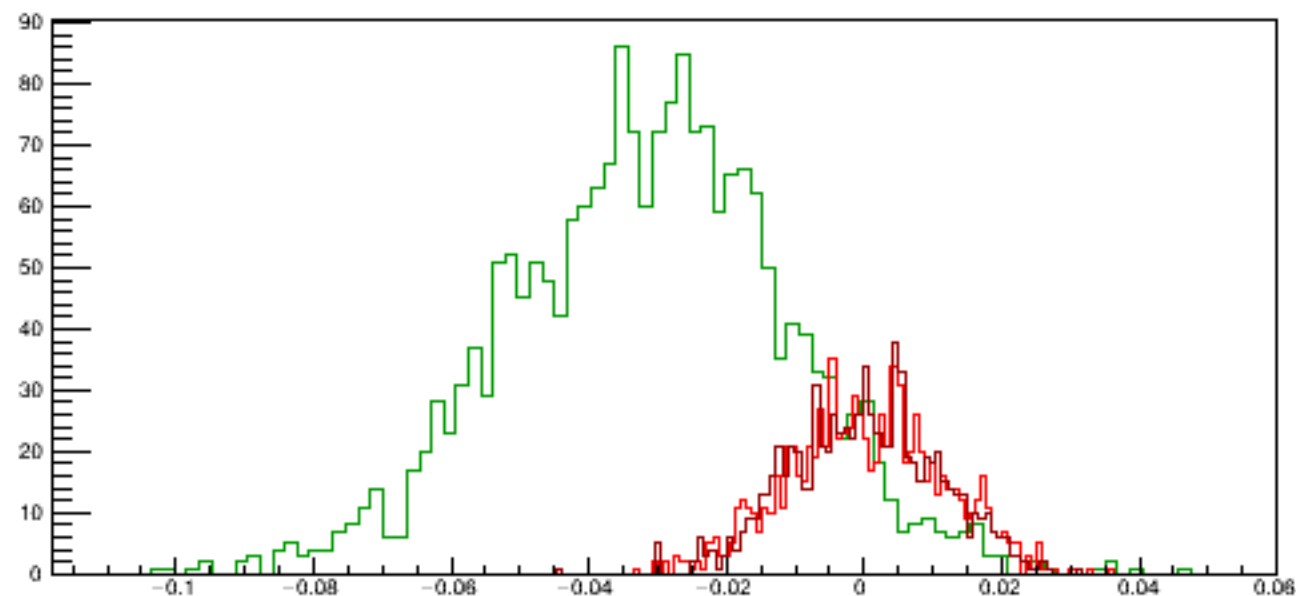
Run 5129 quartetwise, Sums



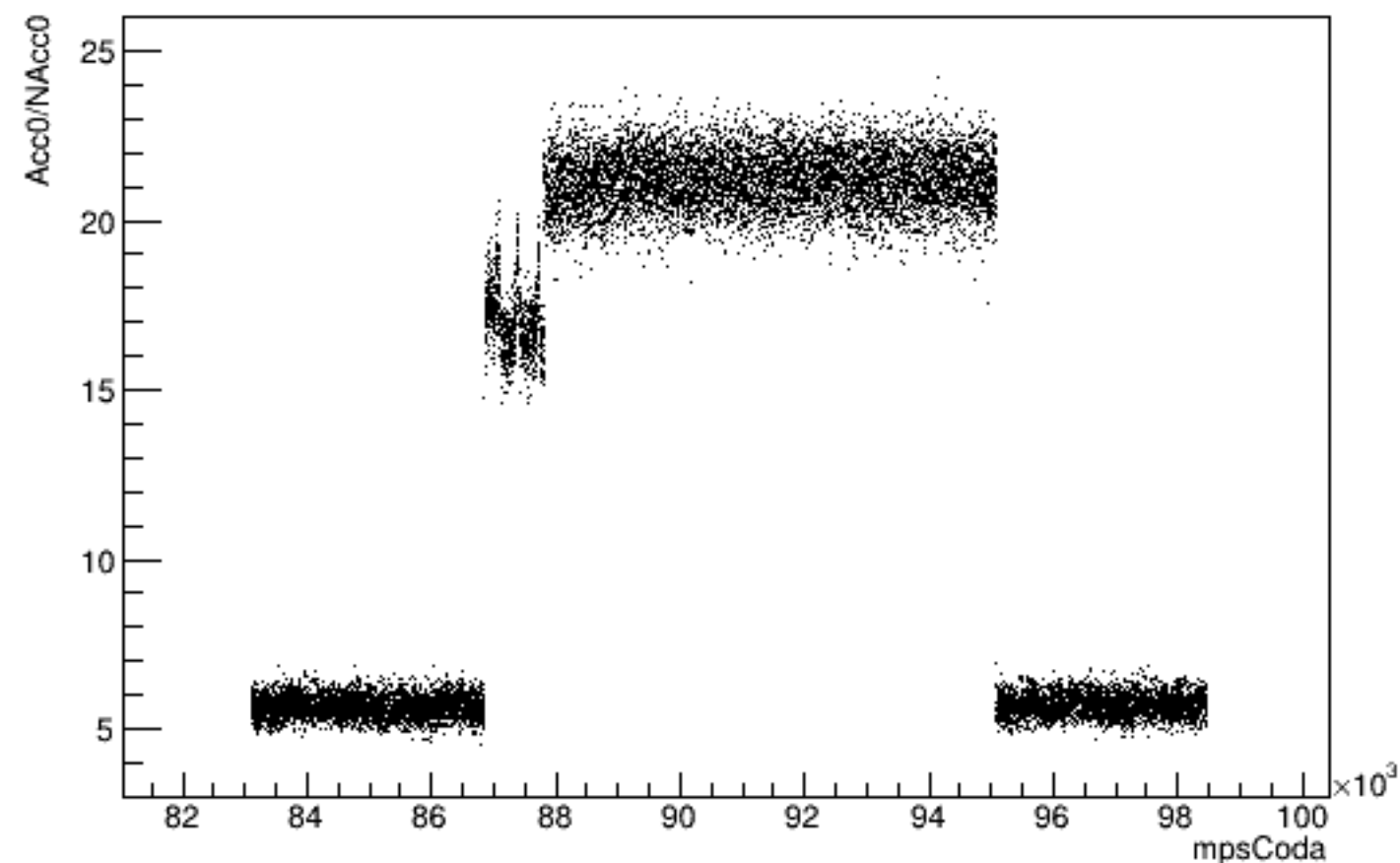
Cycle 5, Asyms

Entries: 916	Entries: 2057	Entries: 829
Mean: 0.0002 +/- 0.0004	Mean: -0.0313 +/- 0.0004	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0203 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

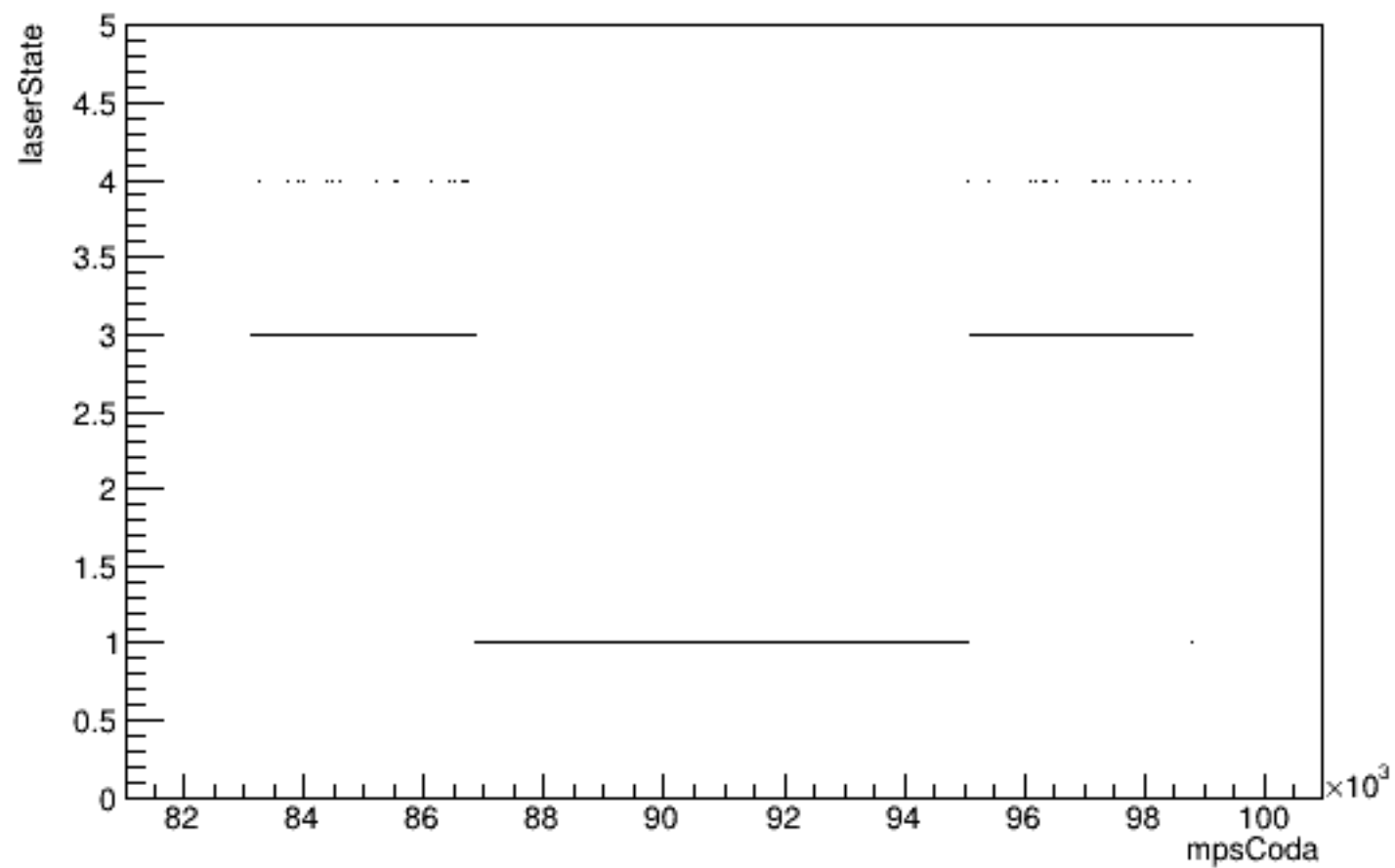
Run 5129 quartetwise, Asyms



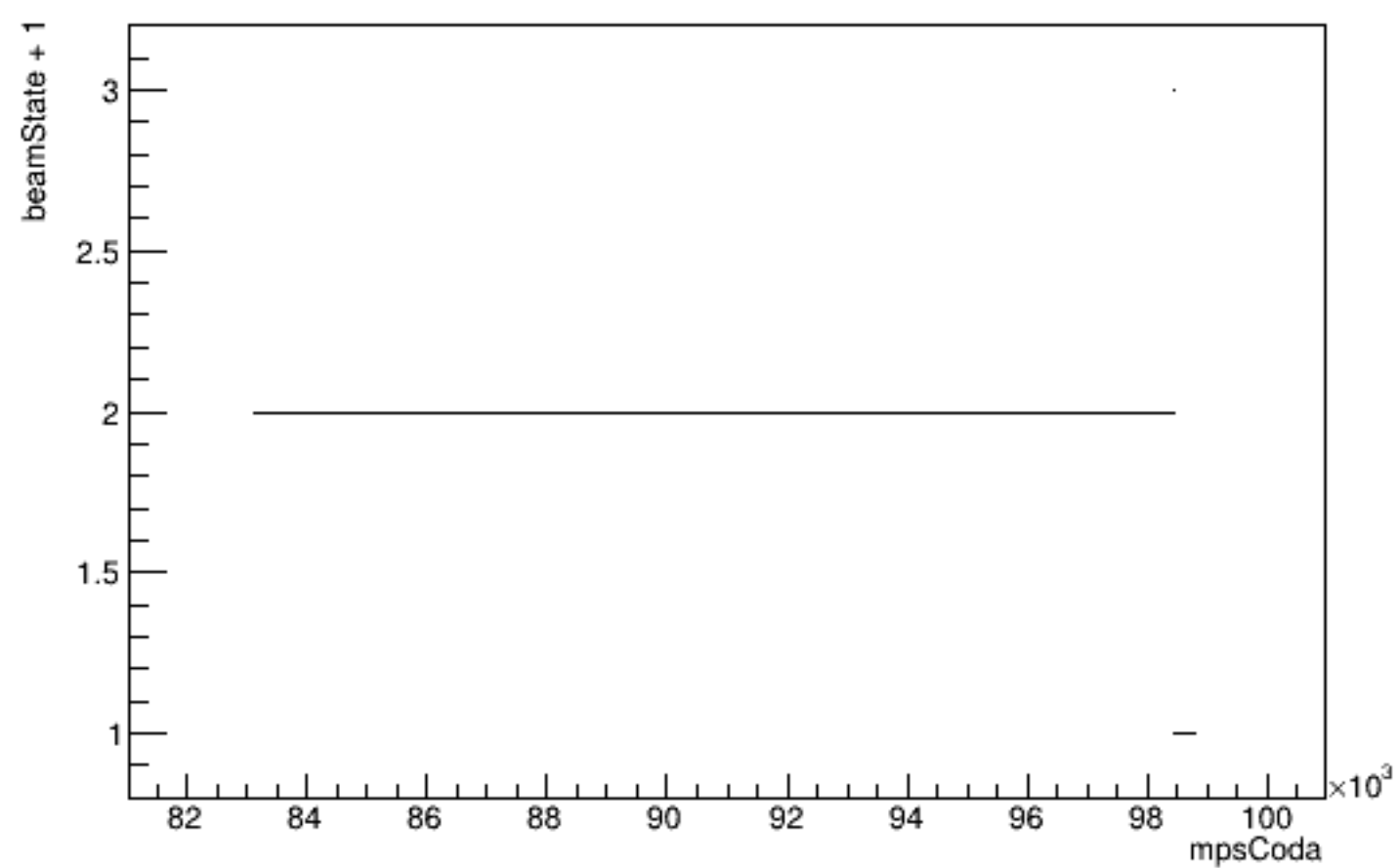
Acc0/NAcc0:mpsCoda {mpsCoda>=83114 && mpsCoda<=98817 && beamState==1}



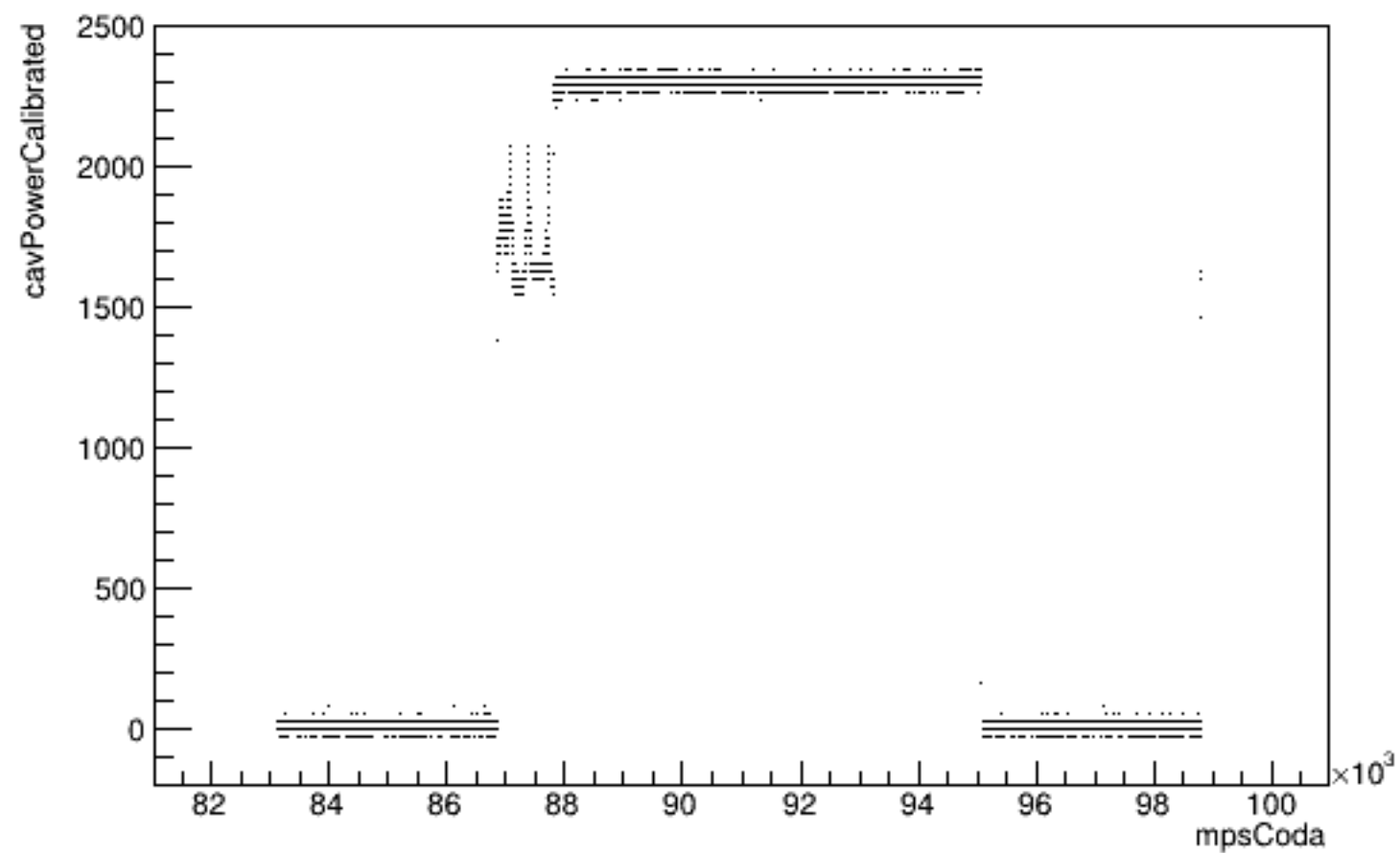
laserState:mpsCoda {mpsCoda>=83114 && mpsCoda<=98817}



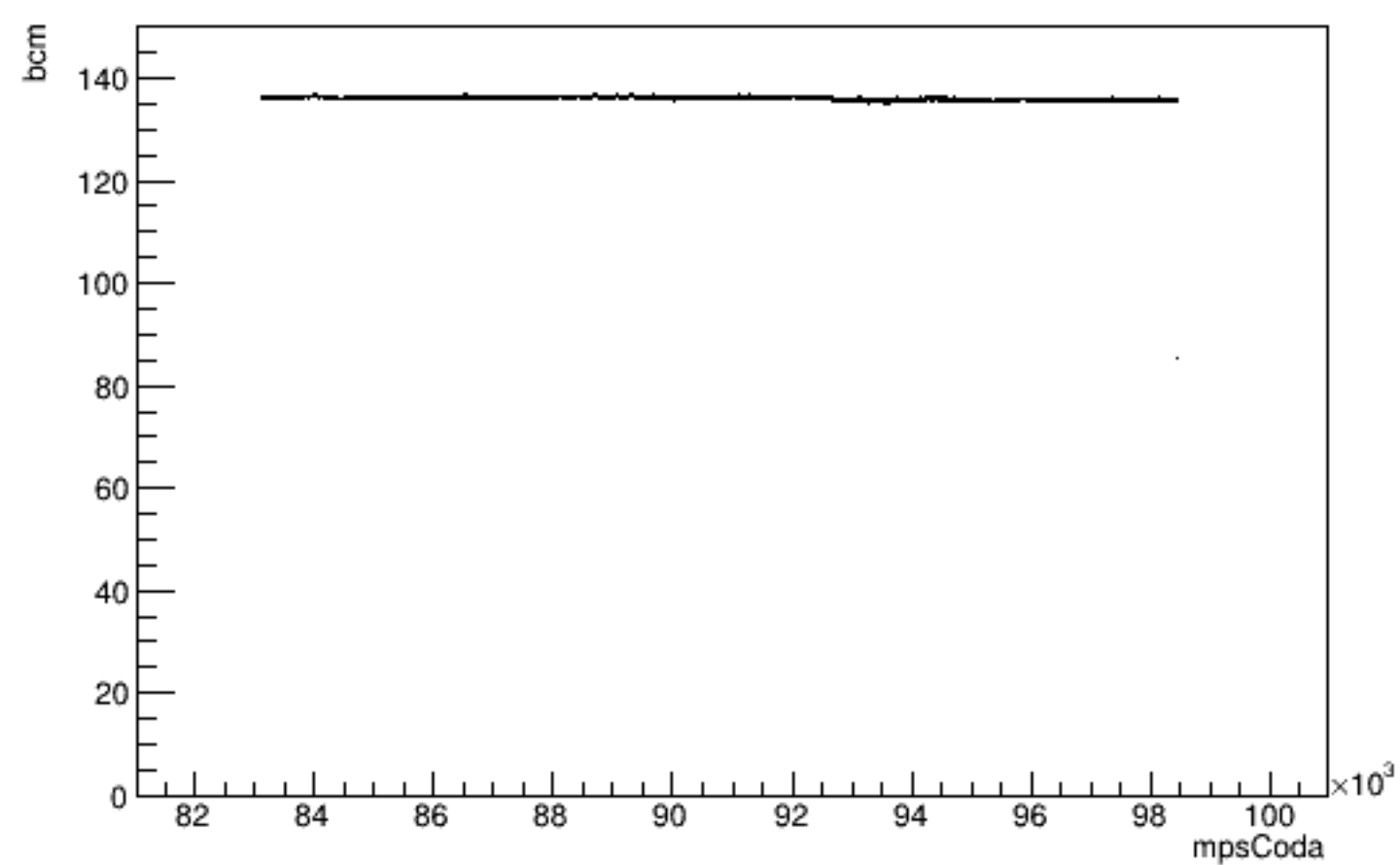
beamState + 1:mpsCoda {mpsCoda>=83114 && mpsCoda<=98817}



cavPowerCalibrated:mpsCoda {mpsCoda>=83114 && mpsCoda<=98817}



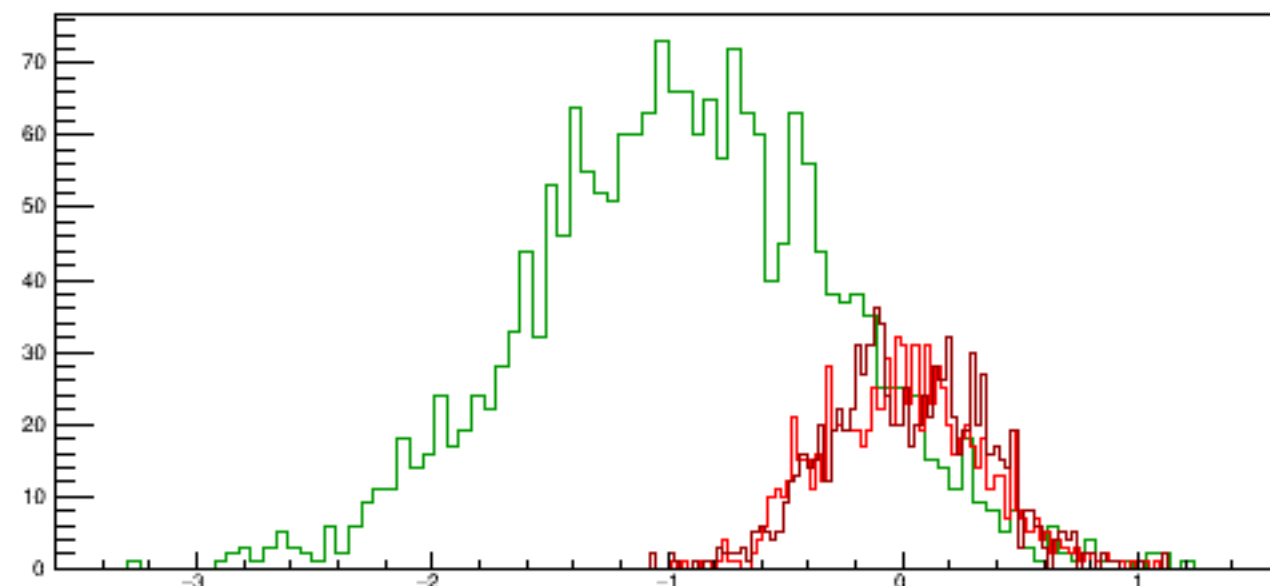
bcm:mpsCoda {mpsCoda>=83114 && mpsCoda<=98817}



Cycle 6, Diffs

Entries: 903	Entries: 2052	Entries: 926
Mean: -0.0032 +/- 0.0109	Mean: -0.9289 +/- 0.0144	Mean: 0.0099 +/- 0.0110
Std Dev: 0.3289 +/- 0.0077	Std Dev: 0.6534 +/- 0.0102	Std Dev: 0.3347 +/- 0.0078

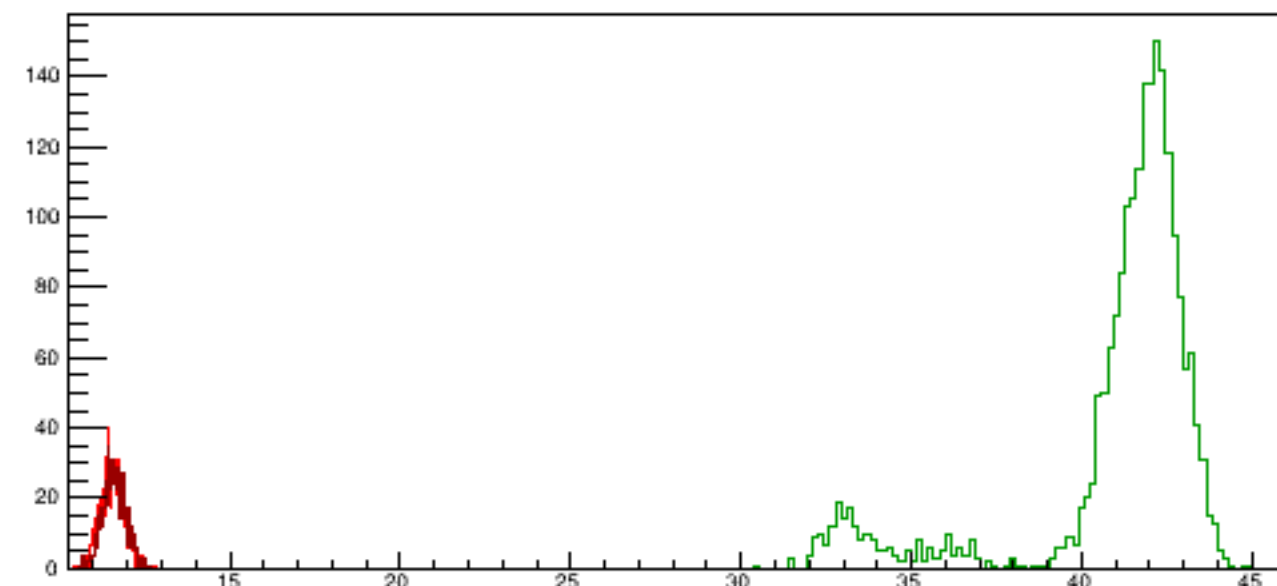
Run 5129 quartetwise, Diffs



Cycle 6, Sums

Entries: 903	Entries: 2052	Entries: 926
Mean: 11.5487 +/- 0.0119	Mean: 41.0593 +/- 0.0590	Mean: 11.6110 +/- 0.0112
Std Dev: 0.3585 +/- 0.0084	Std Dev: 2.6716 +/- 0.0417	Std Dev: 0.3397 +/- 0.0079

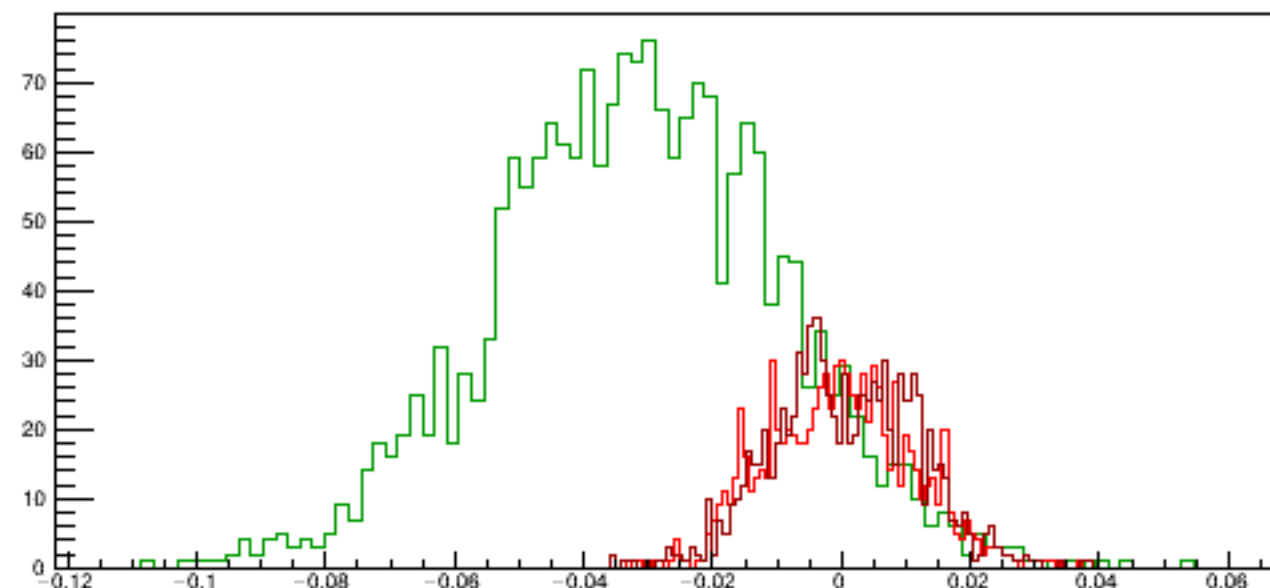
Run 5129 quartetwise, Sums



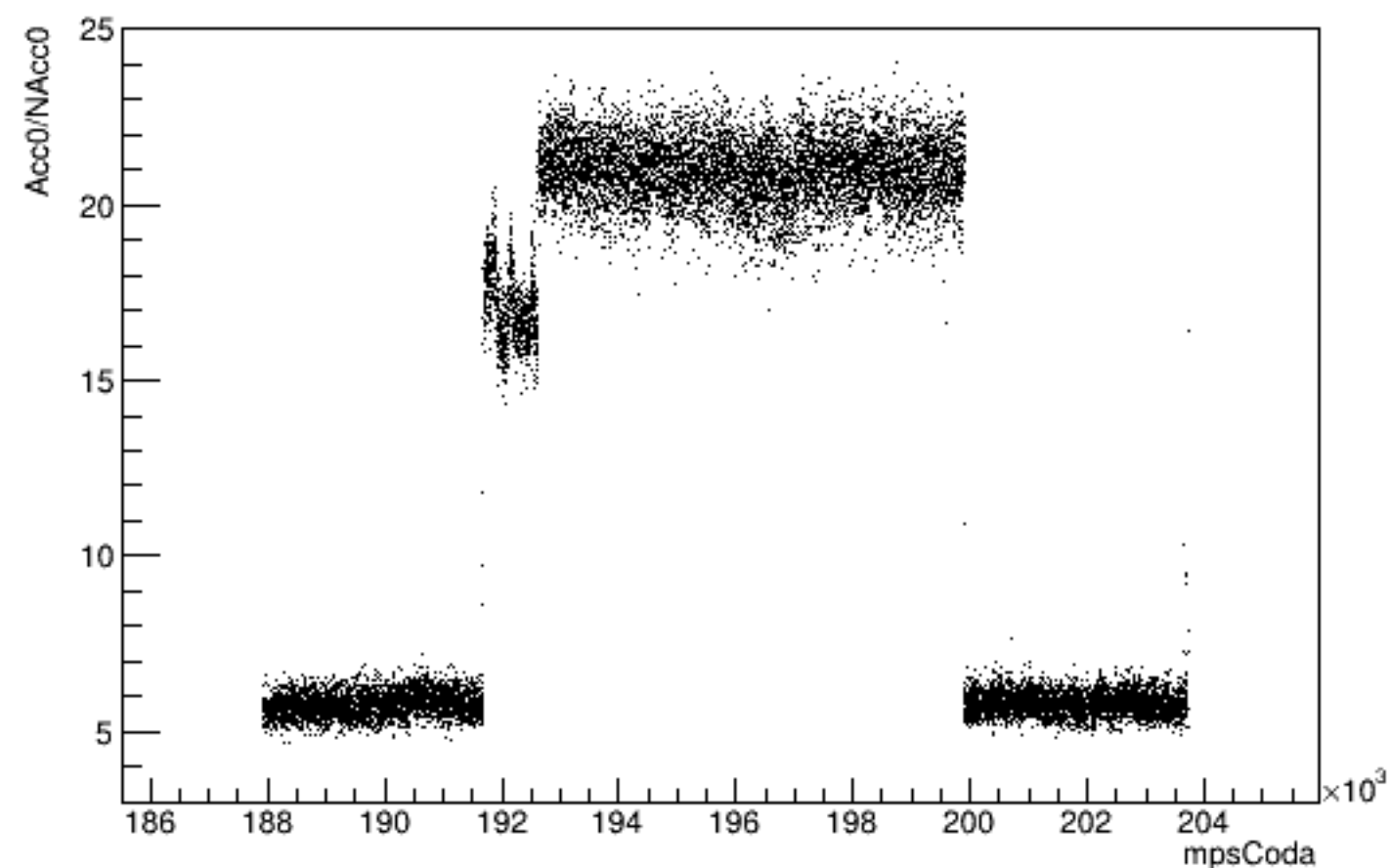
Cycle 6, Asyms

Entries: 903	Entries: 2052	Entries: 926
Mean: -0.0001 +/- 0.0004	Mean: -0.0315 +/- 0.0005	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0112 +/- 0.0003	Std Dev: 0.0222 +/- 0.0003	Std Dev: 0.0114 +/- 0.0003

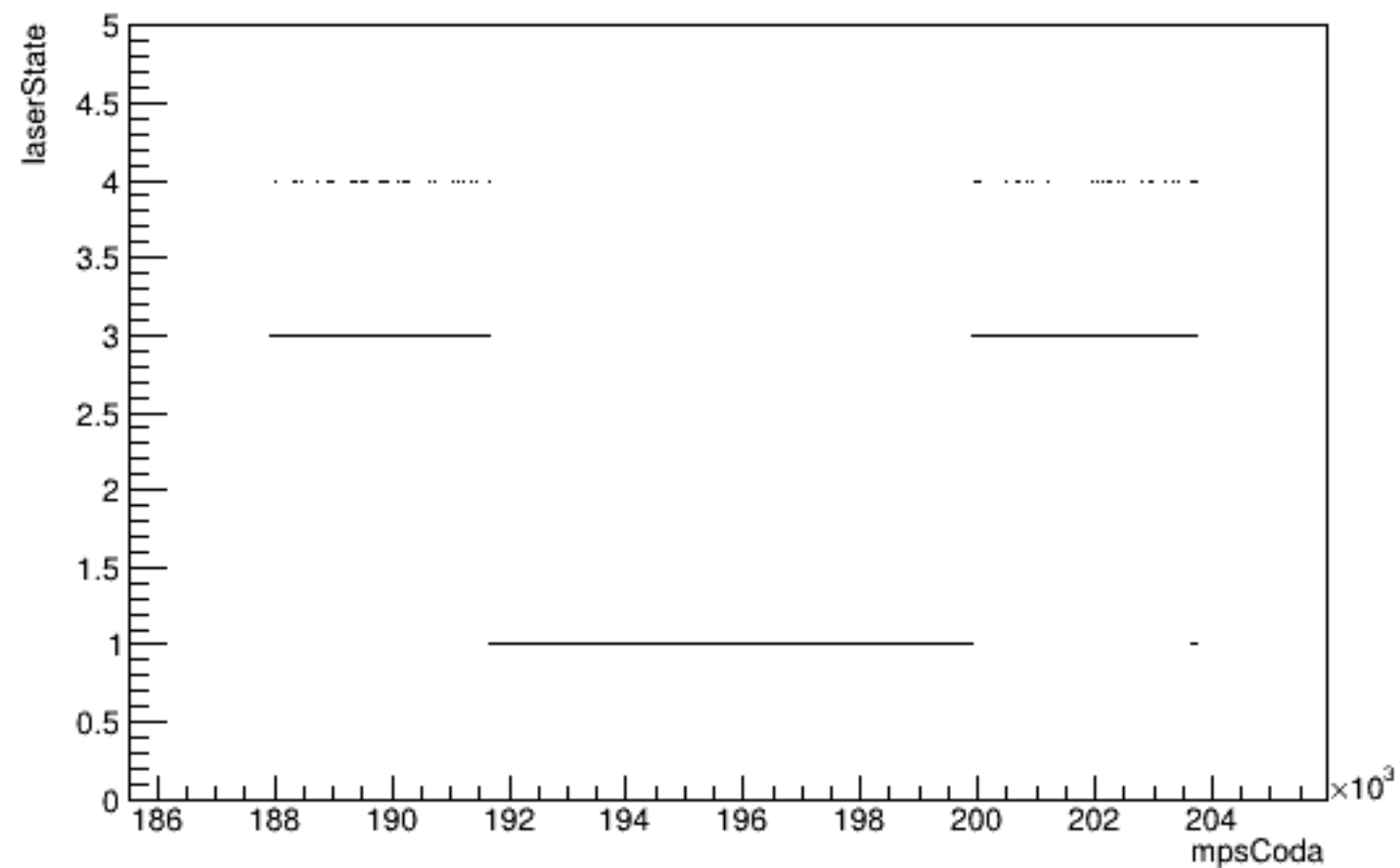
Run 5129 quartetwise, Asyms



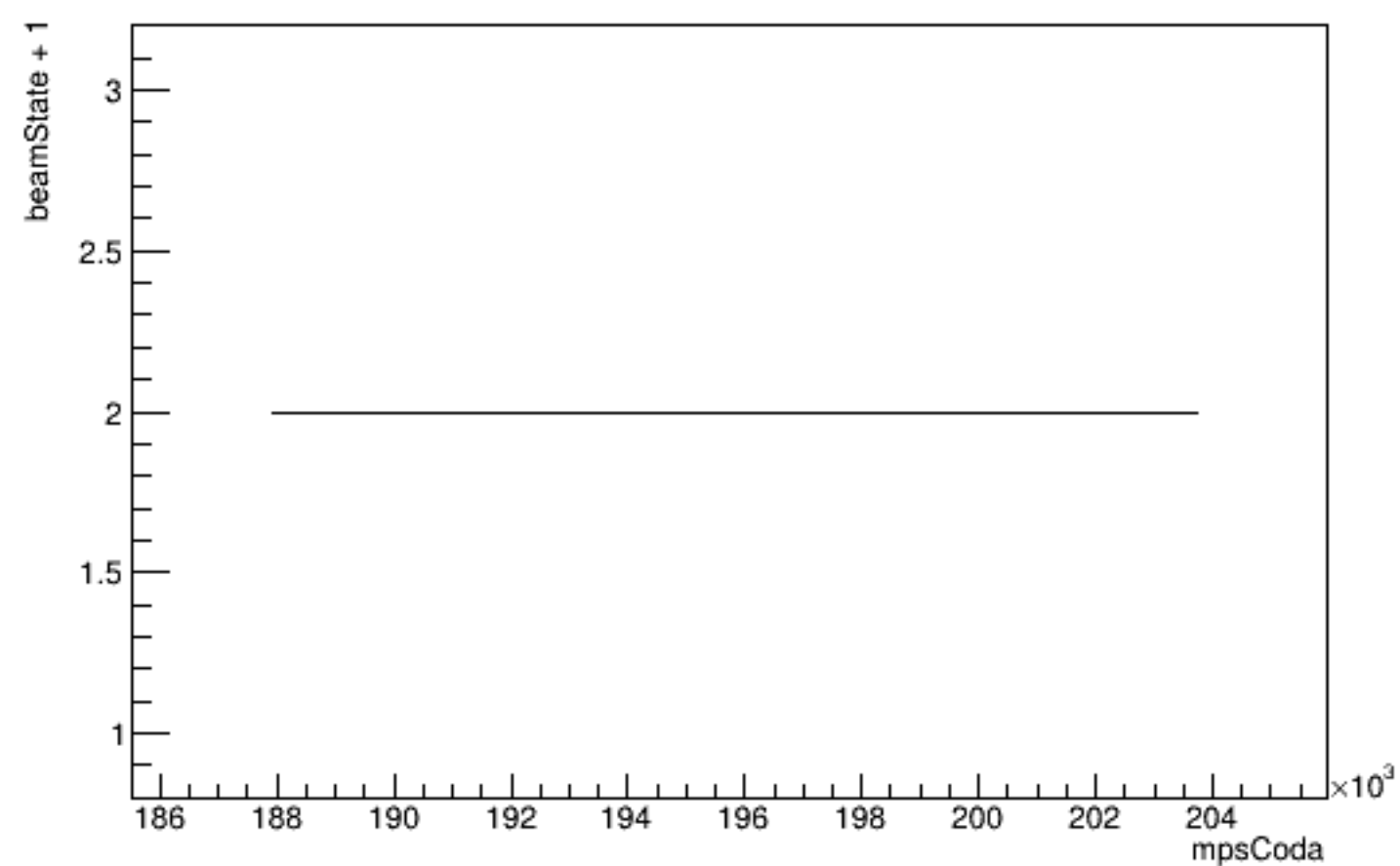
Acc0/NAcc0:mpsCoda (mpsCoda>=187926 && mpsCoda<=203717 && beamState==1)



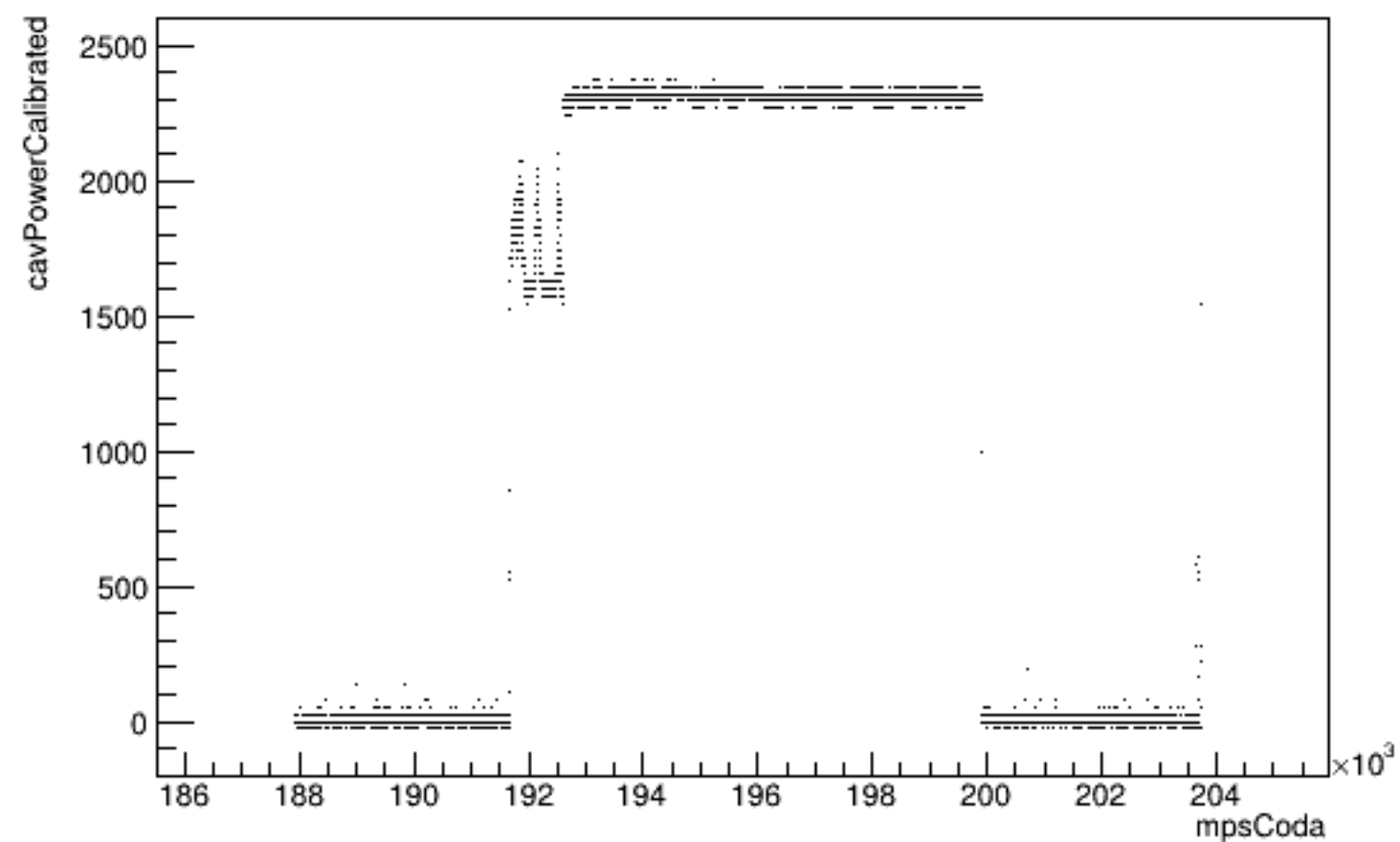
laserState:mpsCoda {mpsCoda>=187926 && mpsCoda<=203717}



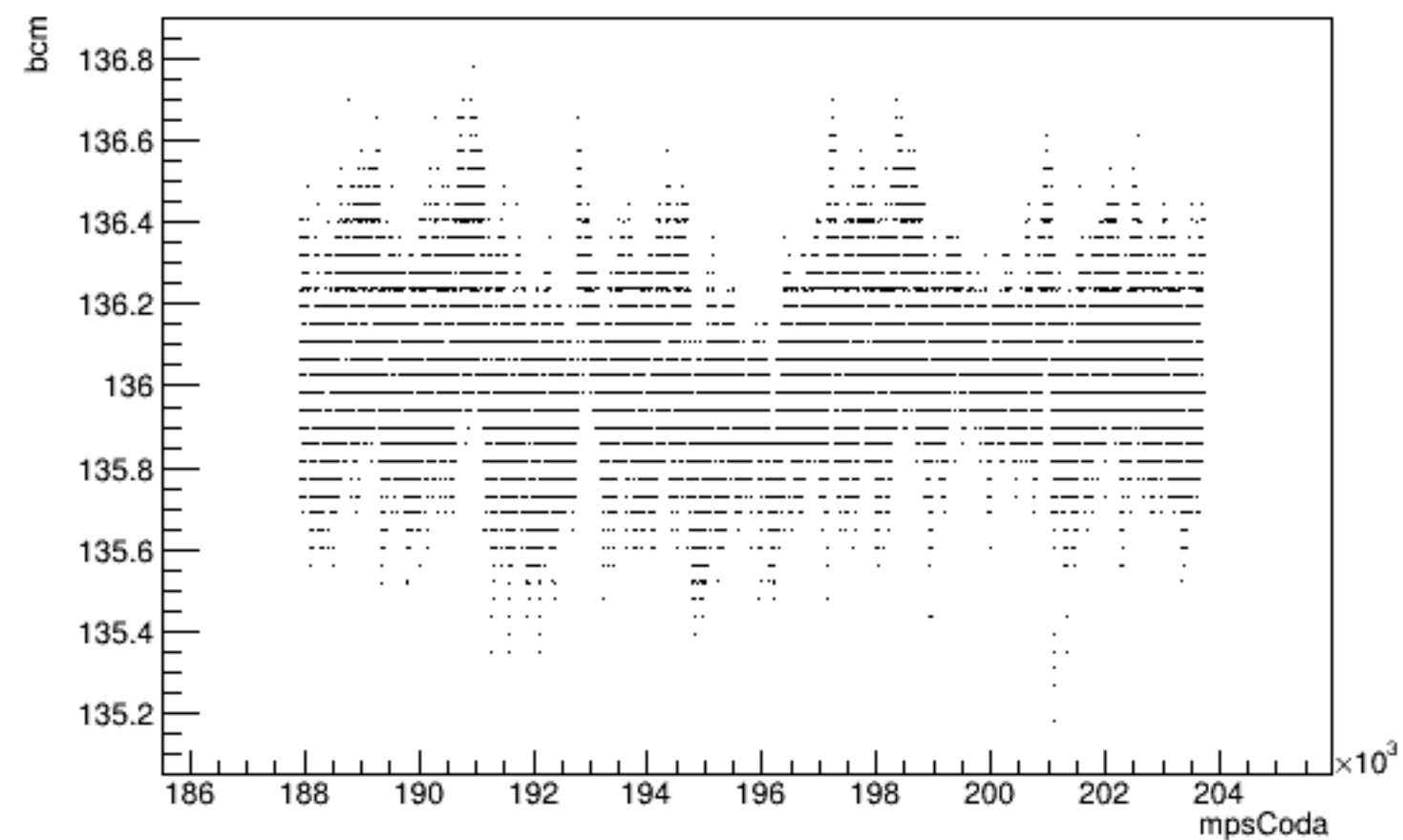
beamState + 1:mpsCoda {mpsCoda>=187926 && mpsCoda<=203717}



cavPowerCalibrated:mpsCoda {mpsCoda>=187926 && mpsCoda<=203717}



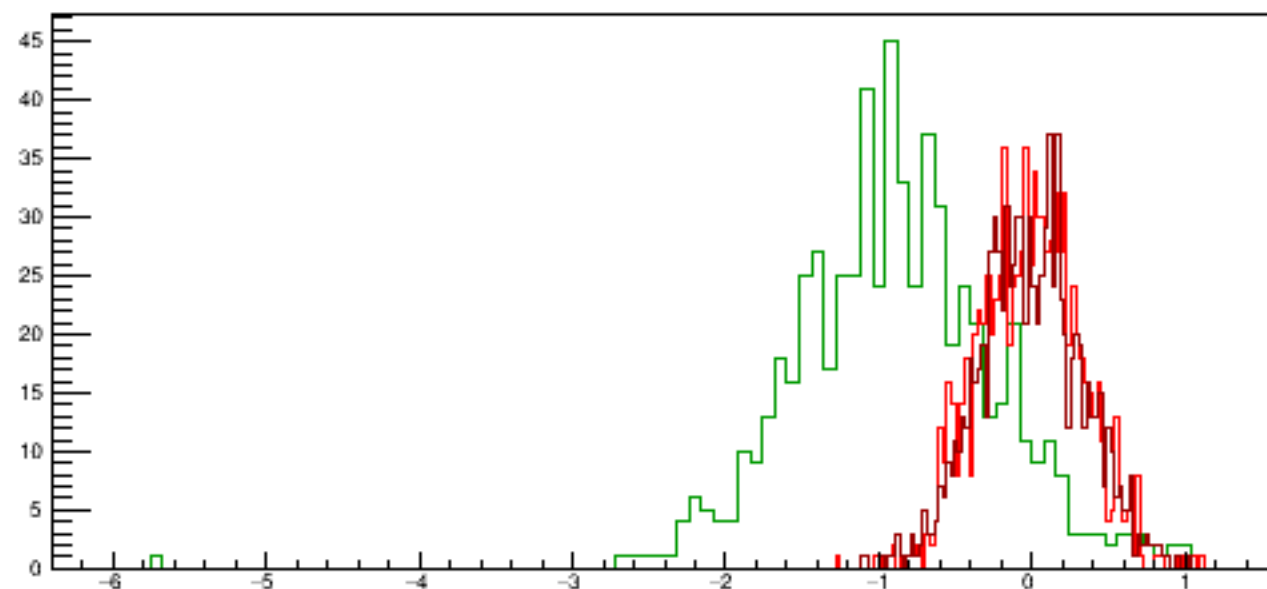
bcm:mpsCoda {mpsCoda>=187926 && mpsCoda<=203717}



Cycle 7, Diffs

Entries: 915	Entries: 624	Entries: 945
Mean: -0.0150 +/- 0.0109	Mean: -0.8911 +/- 0.0266	Mean: -0.0089 +/- 0.0109
Std Dev: 0.3300 +/- 0.0077	Std Dev: 0.6651 +/- 0.0188	Std Dev: 0.3360 +/- 0.0077

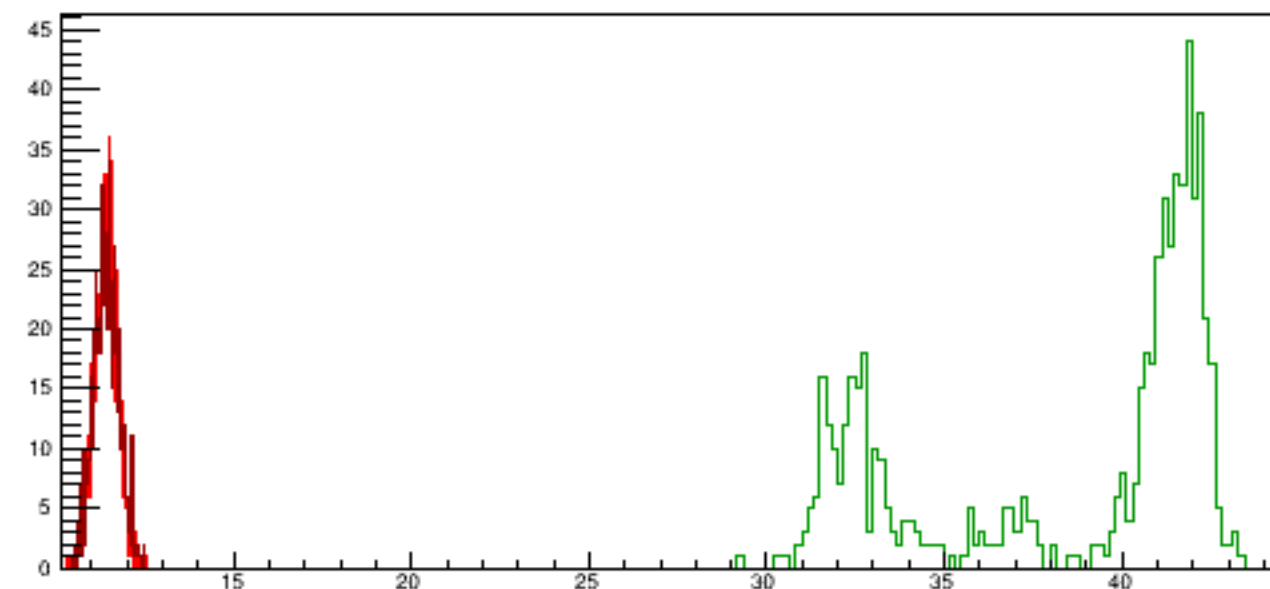
Run 5129 quartetwise, Diffs



Cycle 7, Sums

Entries: 915	Entries: 624	Entries: 945
Mean: 11.4423 +/- 0.0108	Mean: 38.5638 +/- 0.1649	Mean: 11.4303 +/- 0.0113
Std Dev: 0.3255 +/- 0.0076	Std Dev: 4.1186 +/- 0.1166	Std Dev: 0.3460 +/- 0.0080

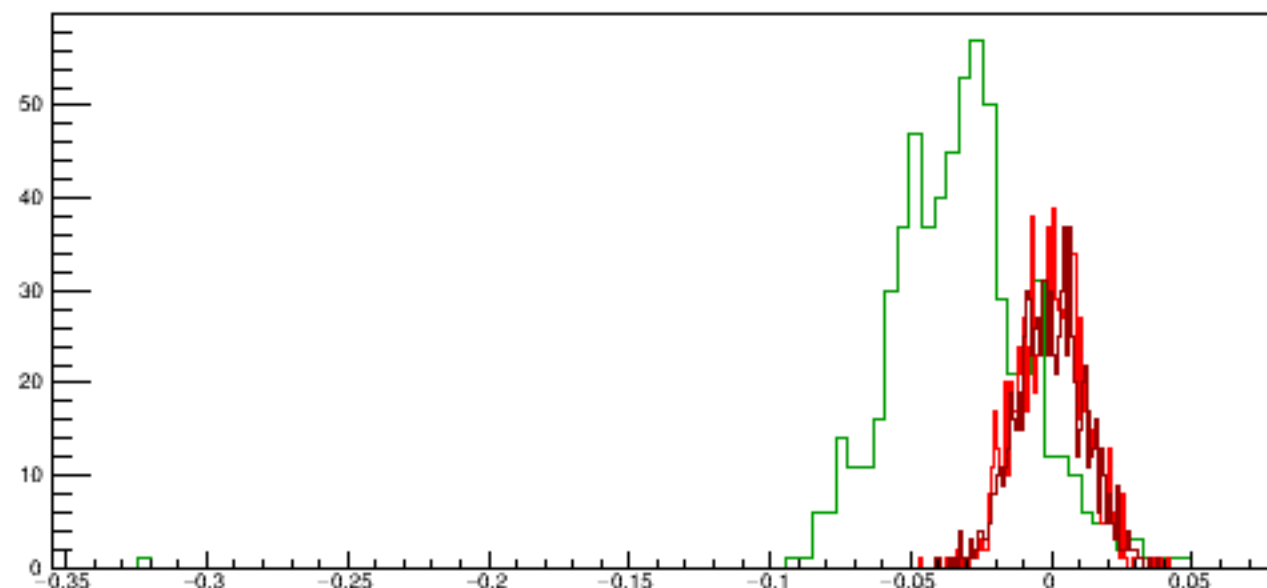
Run 5129 quartetwise, Sums



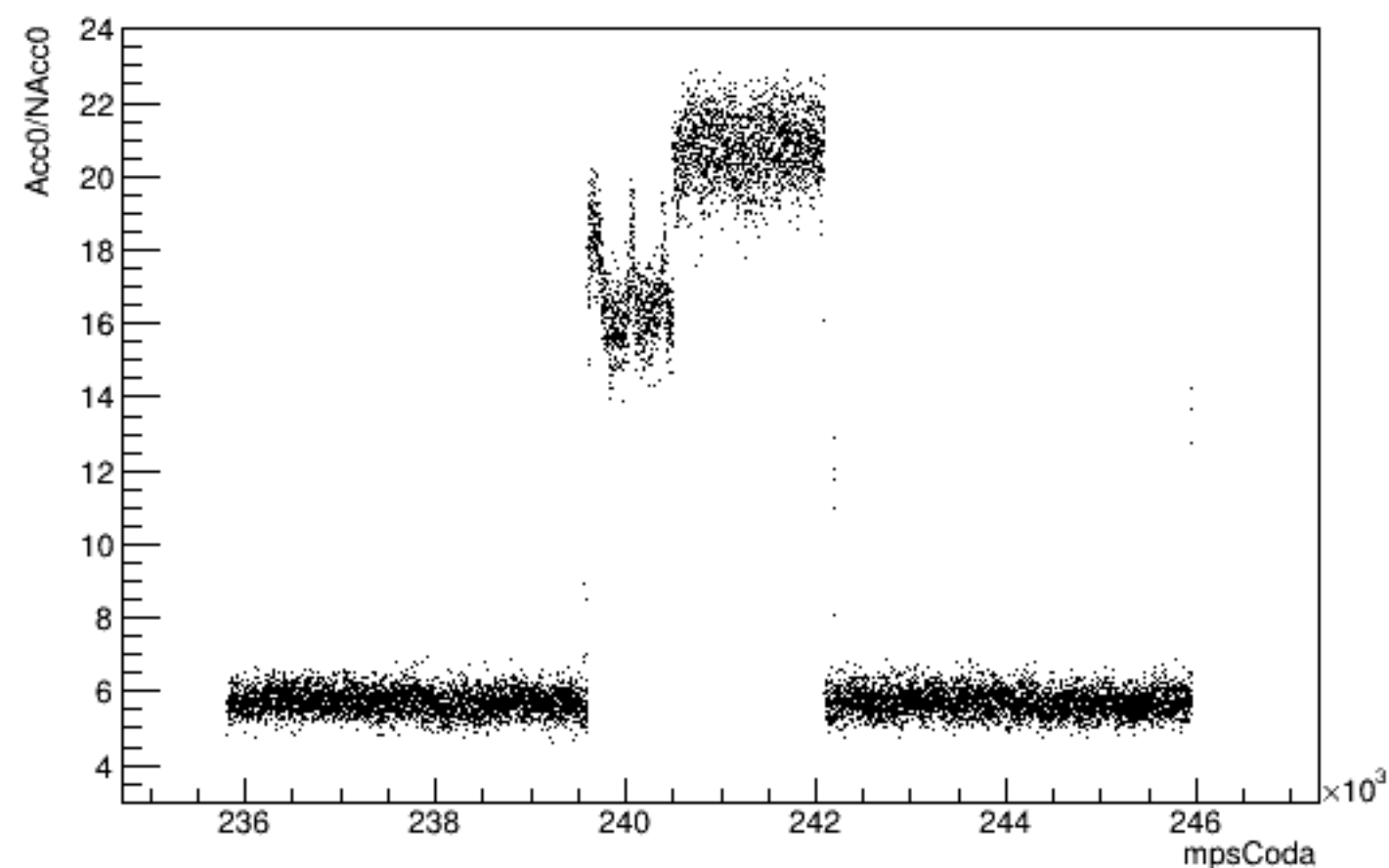
Cycle 7, Asyms

Entries: 915	Entries: 624	Entries: 945
Mean: -0.0006 +/- 0.0004	Mean: -0.0327 +/- 0.0010	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0122 +/- 0.0003	Std Dev: 0.0258 +/- 0.0007	Std Dev: 0.0124 +/- 0.0003

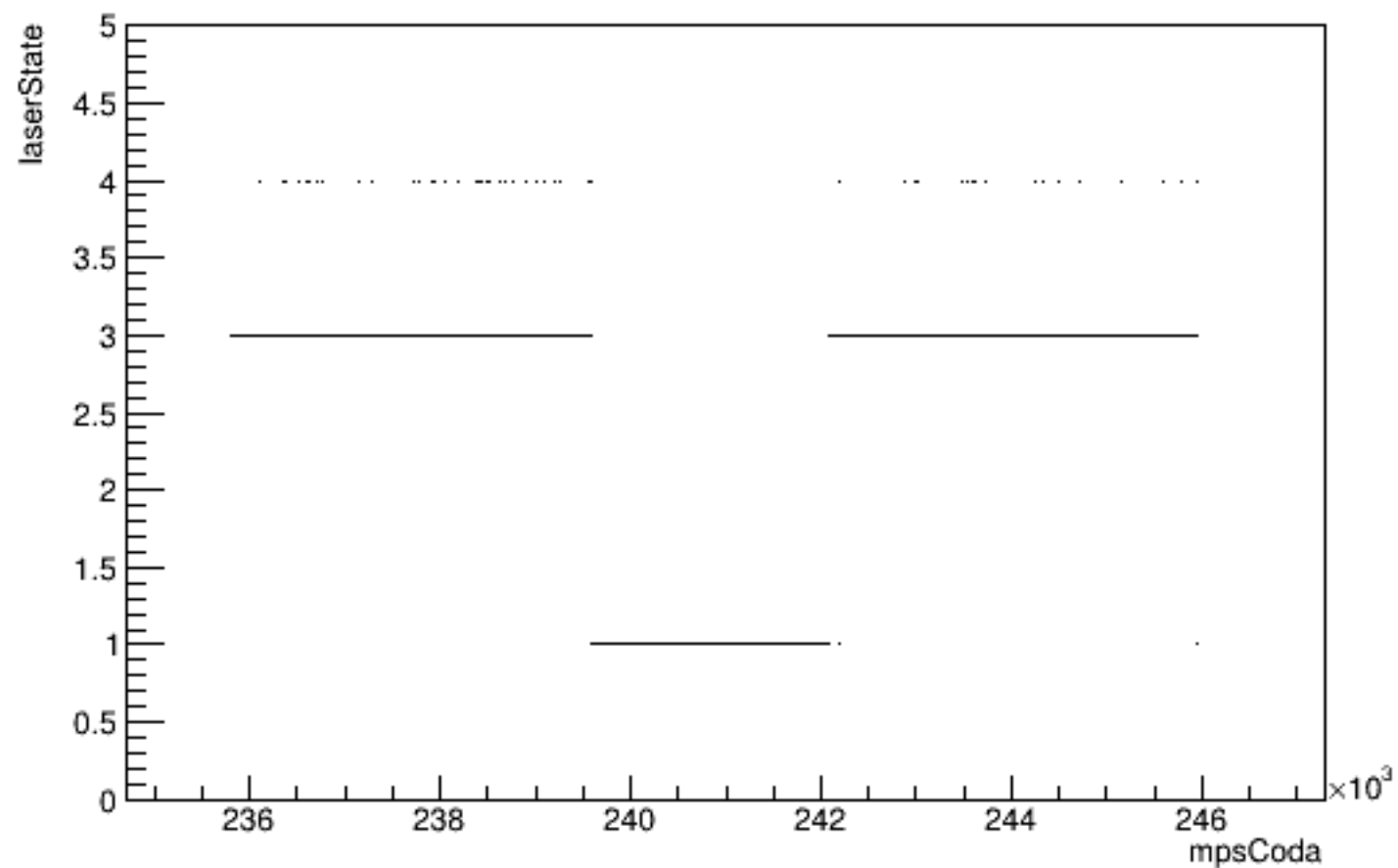
Run 5129 quartetwise, Asyms



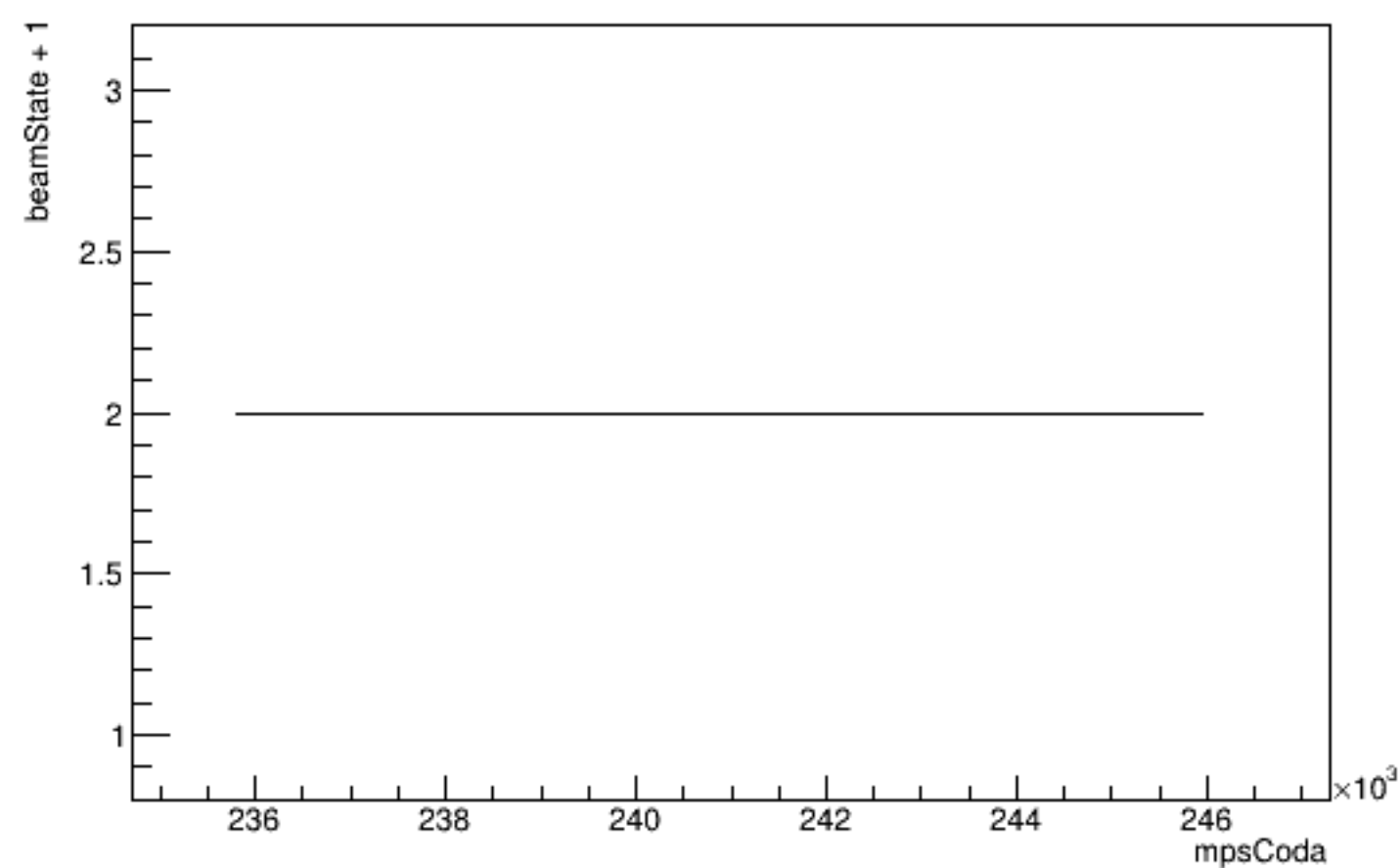
Acc0/NAcc0:mpsCoda (mpsCoda>=235810 && mpsCoda<=245957 && beamState==1)



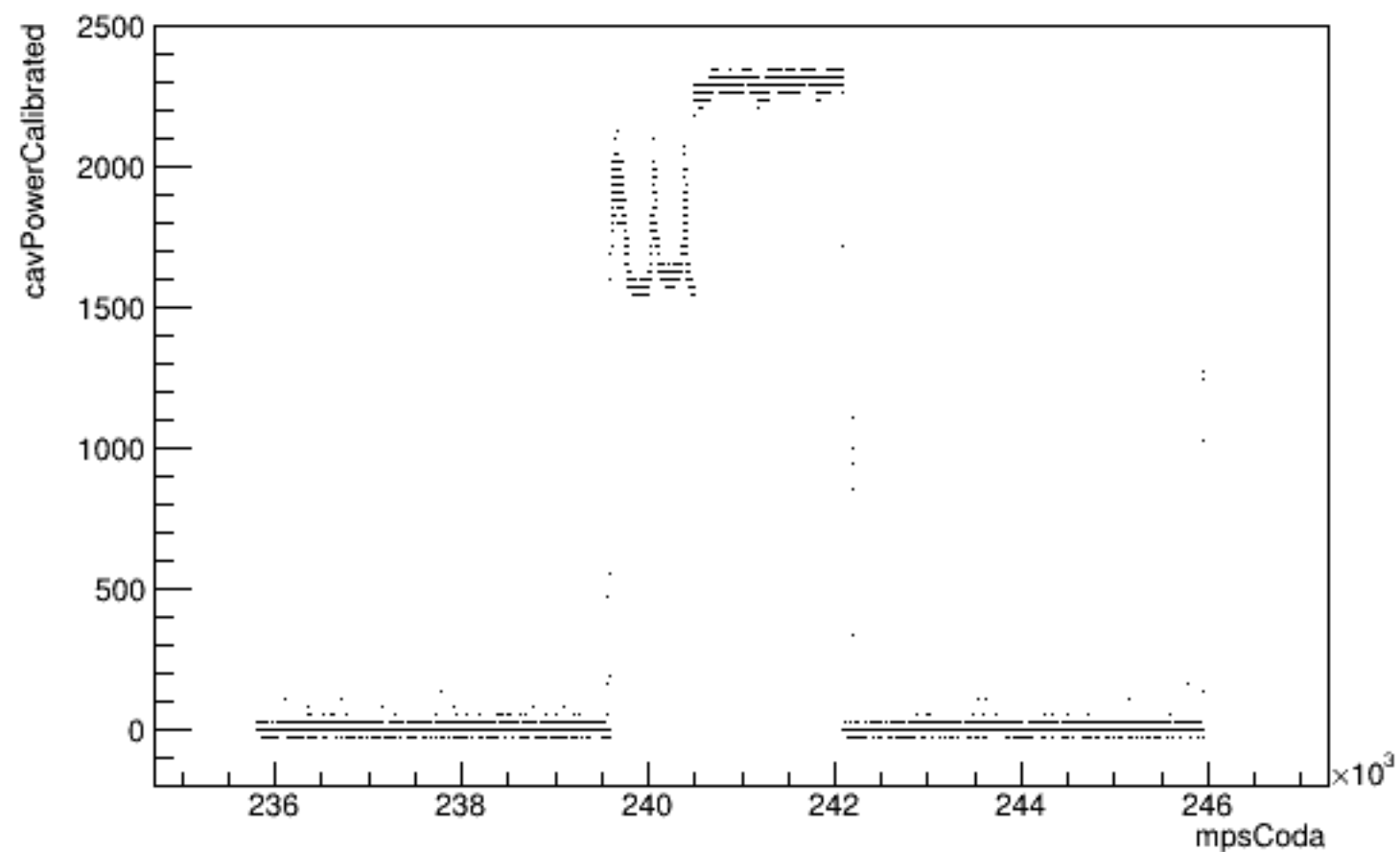
laserState:mpsCoda {mpsCoda>=235810 && mpsCoda<=245957}



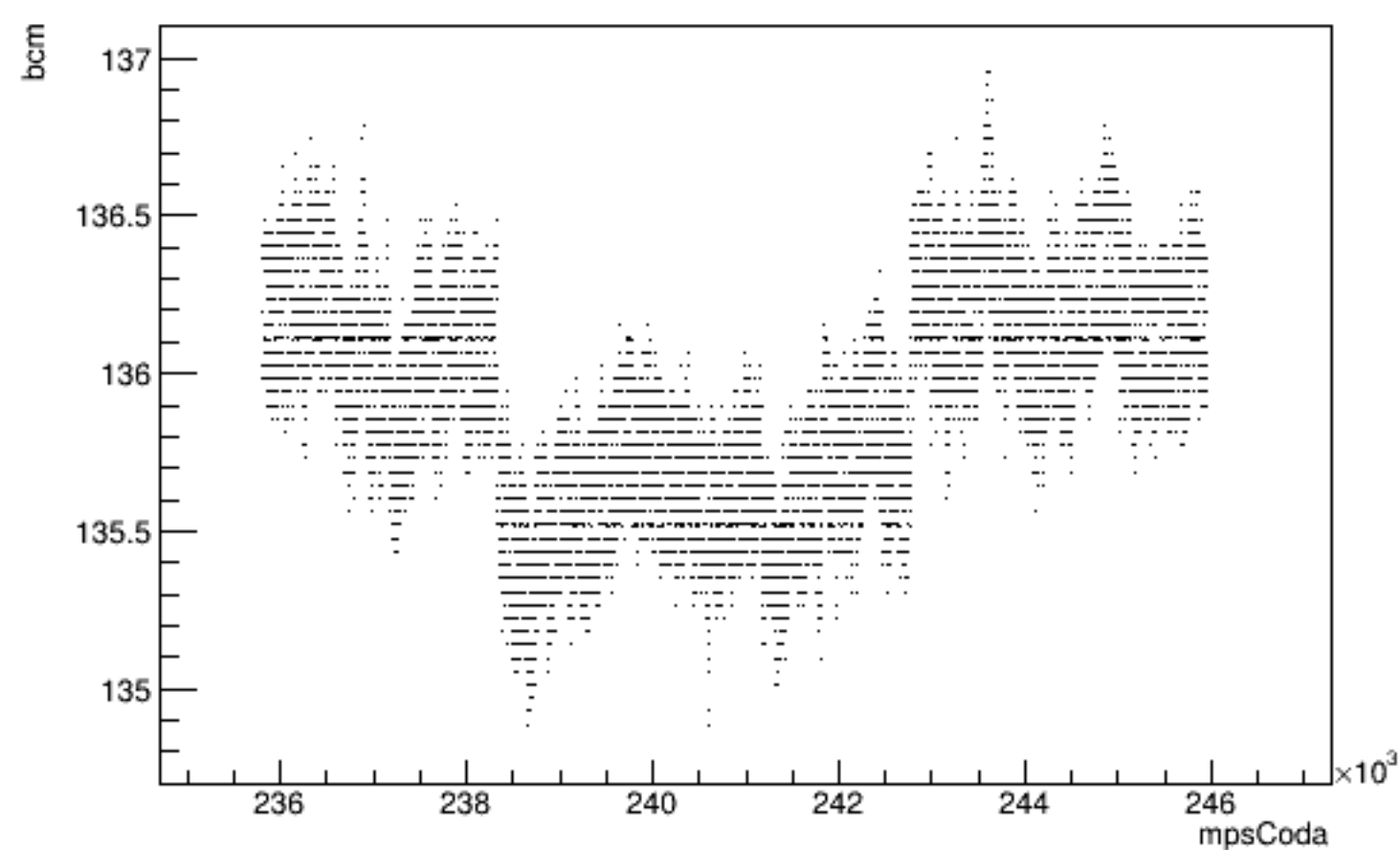
beamState + 1:mpsCoda {mpsCoda>=235810 && mpsCoda<=245957}



cavPowerCalibrated:mpsCoda {mpsCoda>=235810 && mpsCoda<=245957}



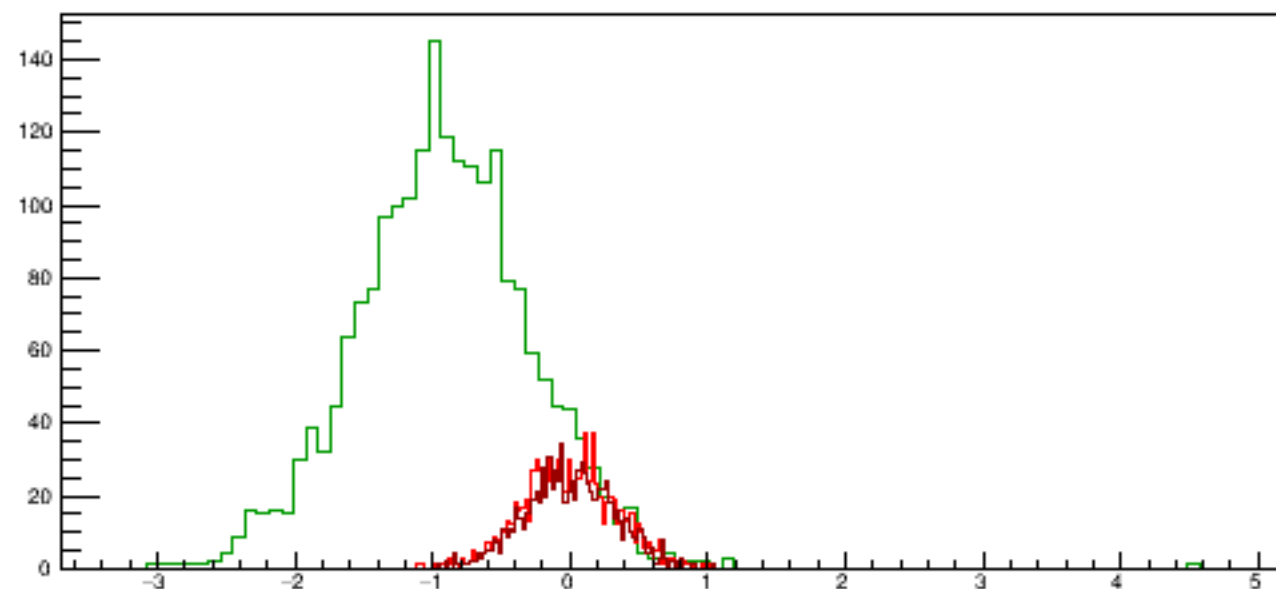
bcm:mpsCoda {mpsCoda>=235810 && mpsCoda<=245957}



Cycle 8, Diffs

Entries: 945	Entries: 2054	Entries: 898
Mean: -0.0089 +/- 0.0109	Mean: -0.9109 +/- 0.0139	Mean: 0.0009 +/- 0.0108
Std Dev: 0.3360 +/- 0.0077	Std Dev: 0.6306 +/- 0.0098	Std Dev: 0.3227 +/- 0.0076

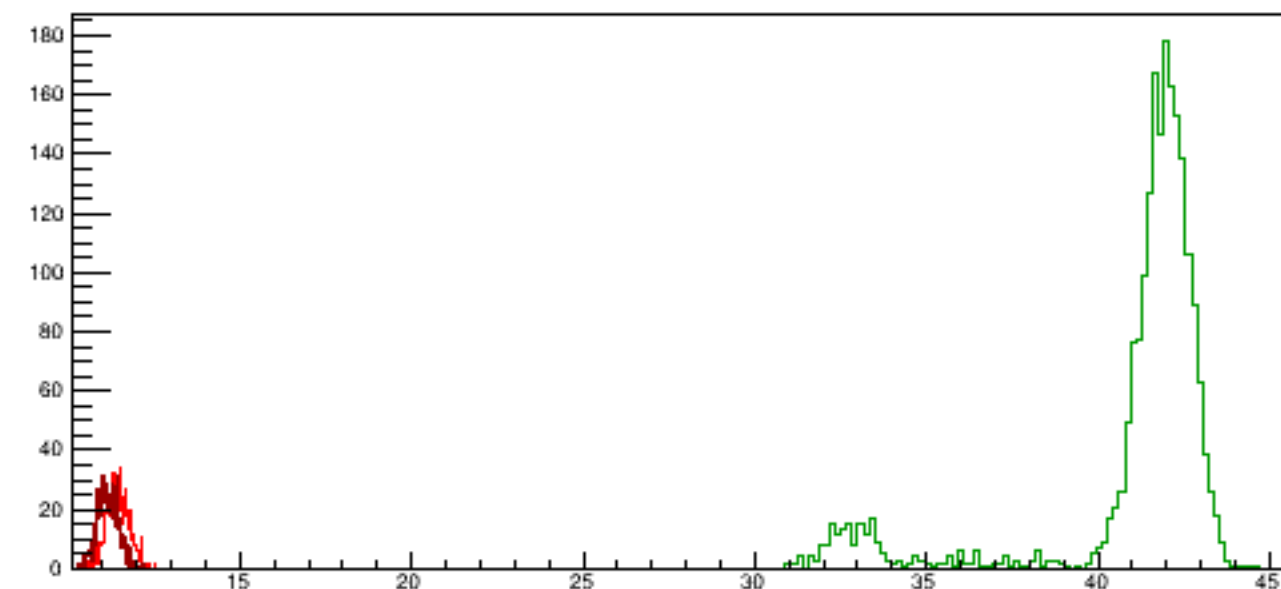
Run 5129 quartetwise, Diffs



Cycle 8, Sums

Entries: 945	Entries: 2054	Entries: 898
Mean: 11.4303 +/- 0.0113	Mean: 41.0605 +/- 0.0596	Mean: 11.1481 +/- 0.0107
Std Dev: 0.3460 +/- 0.0080	Std Dev: 2.7007 +/- 0.0421	Std Dev: 0.3194 +/- 0.0075

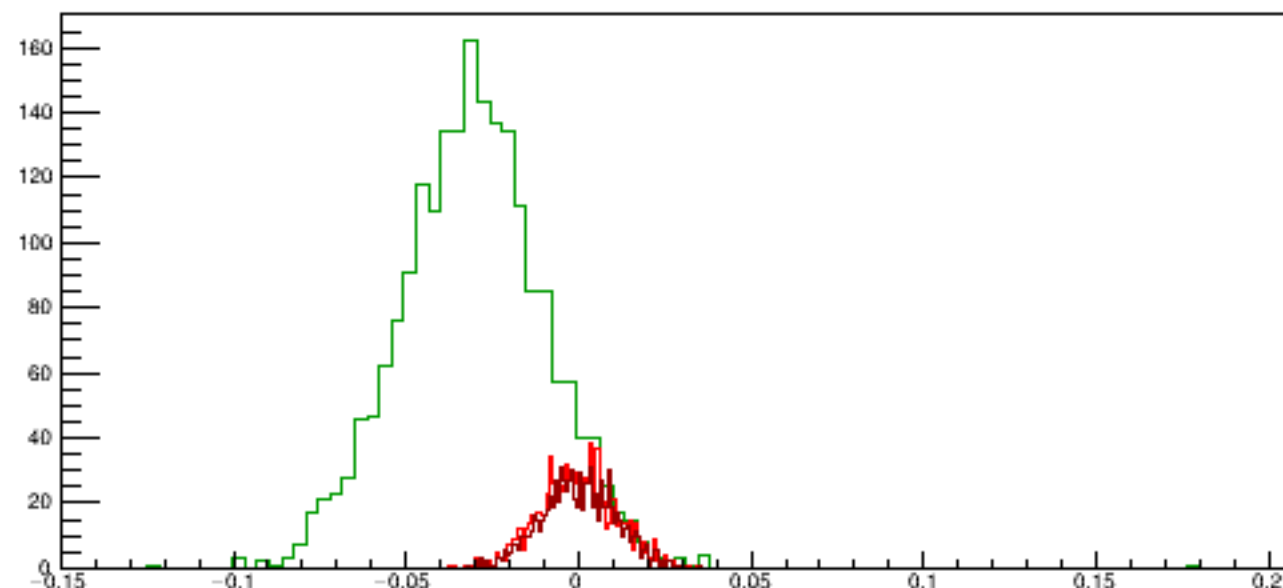
Run 5129 quartetwise, Sums



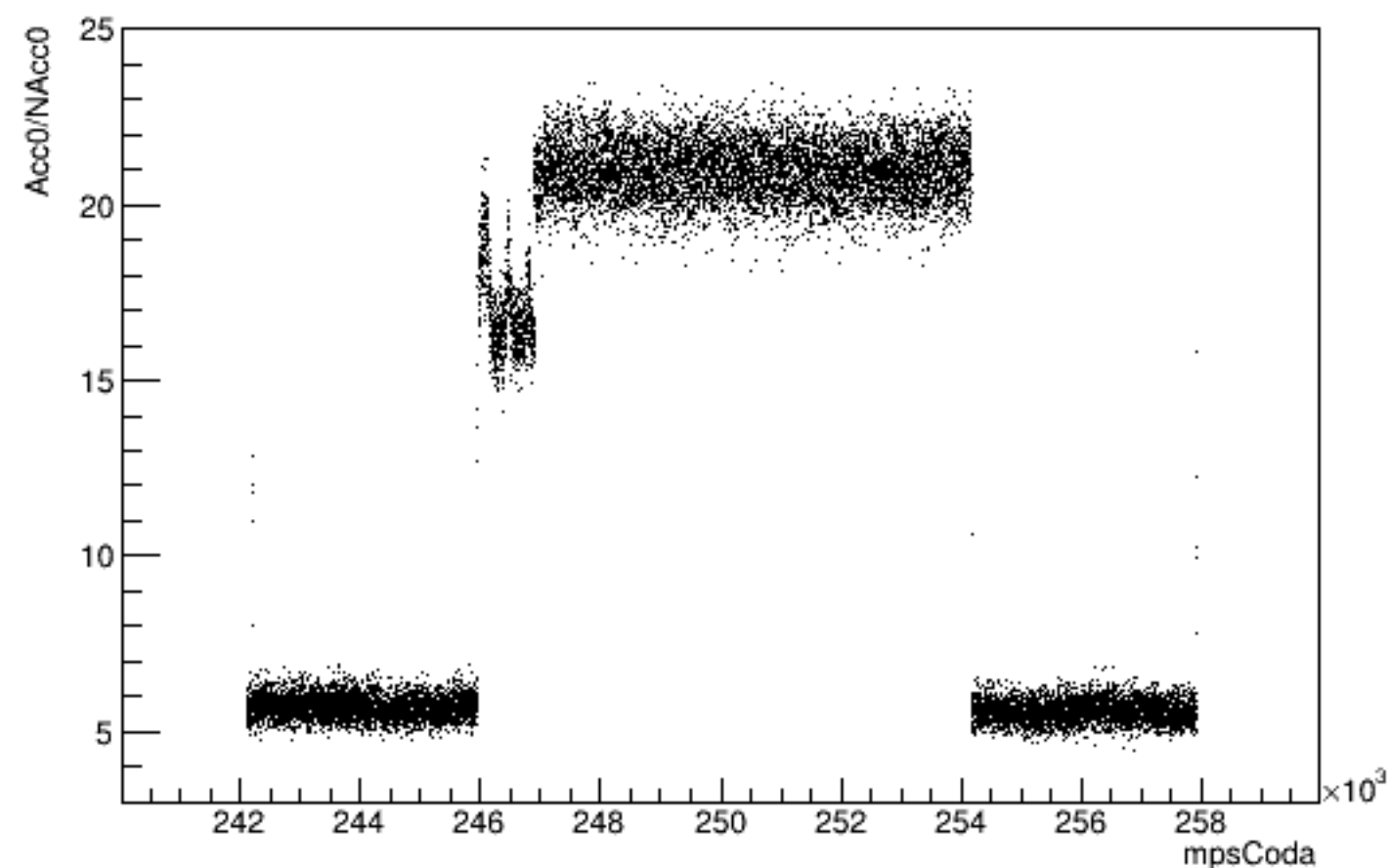
Cycle 8, Asyms

Entries: 945	Entries: 2054	Entries: 898
Mean: -0.0003 +/- 0.0004	Mean: -0.0306 +/- 0.0005	Mean: 0.0000 +/- 0.0004
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0213 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

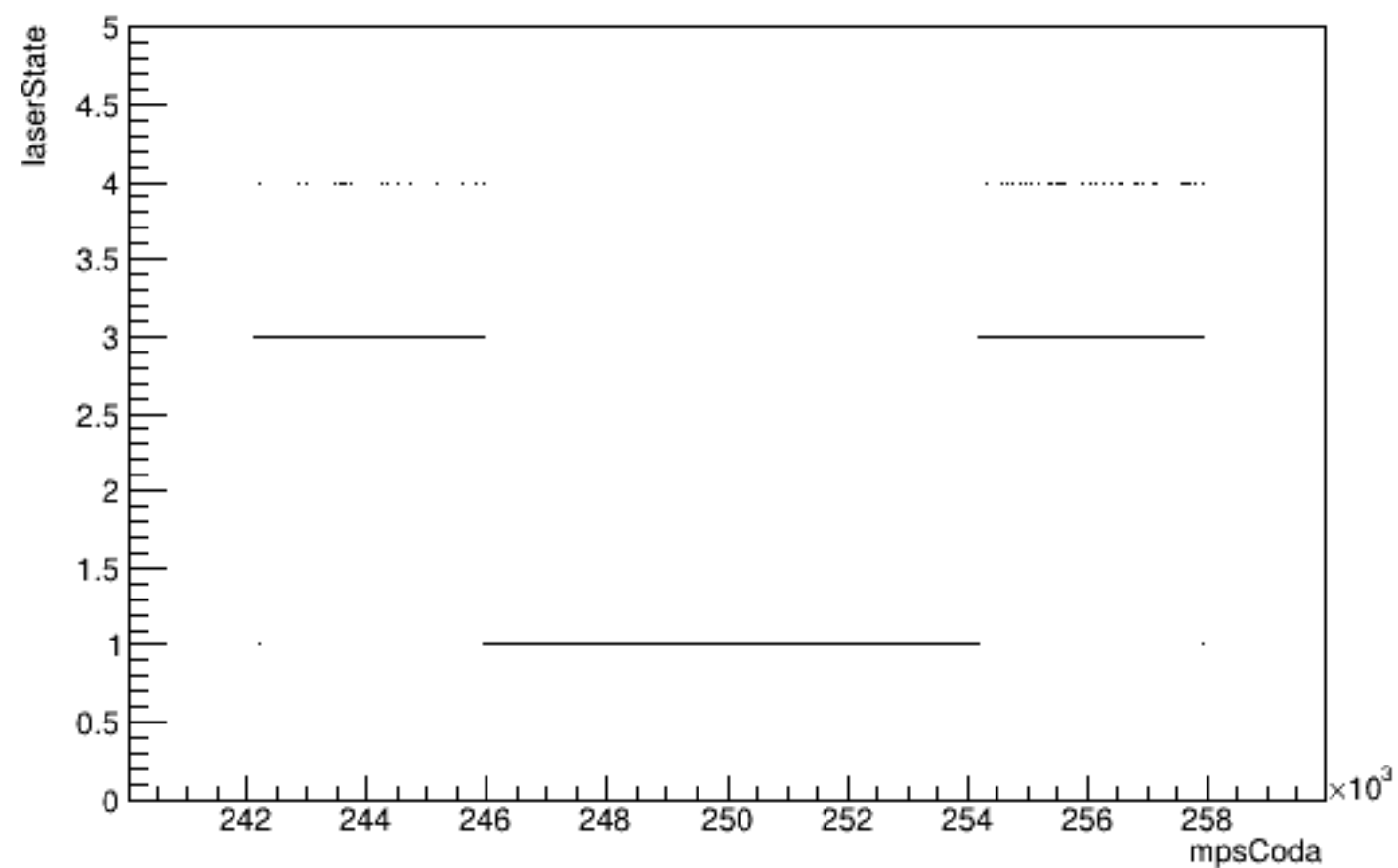
Run 5129 quartetwise, Asyms



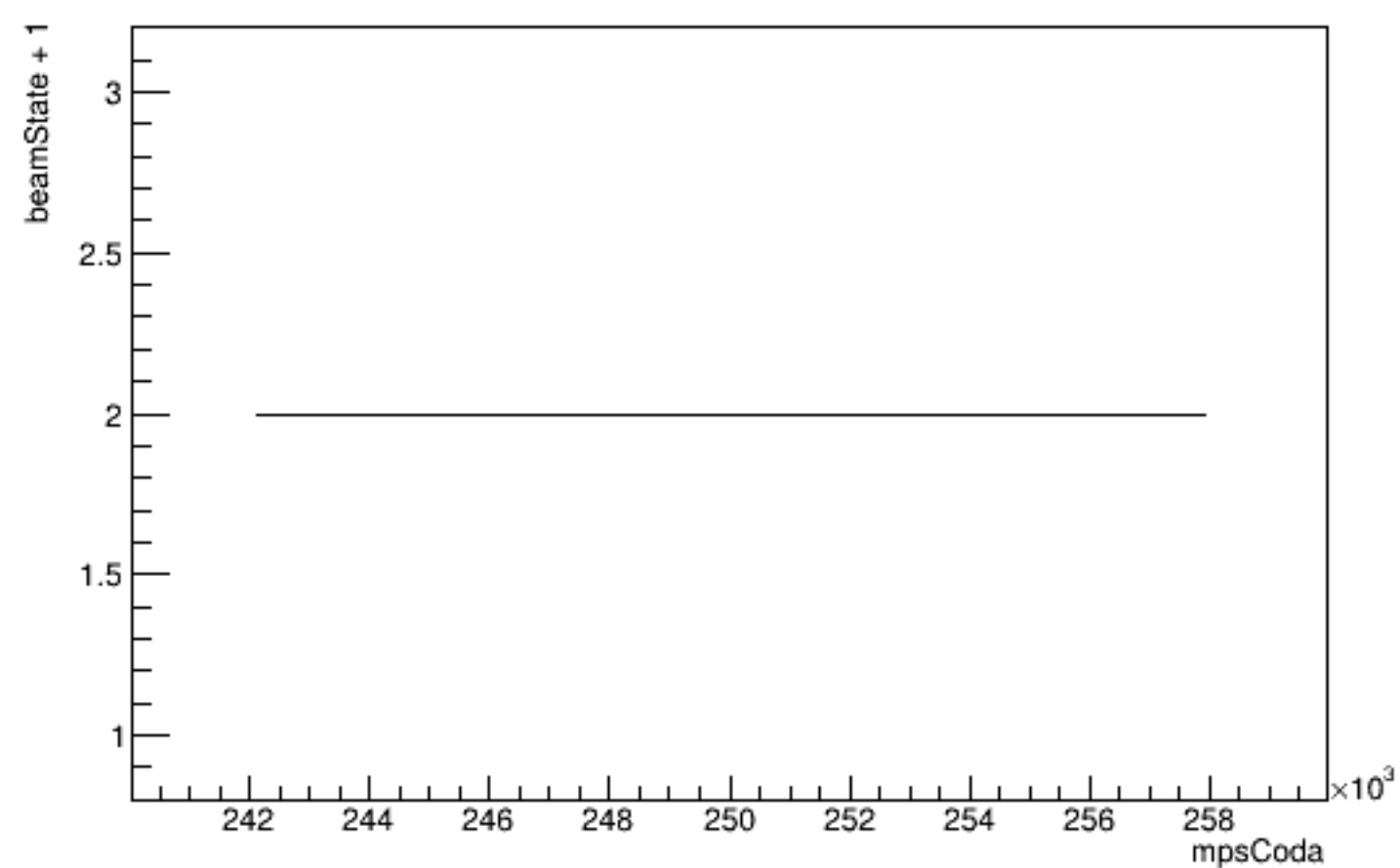
Acc0/NAcc0:mpsCoda (mpsCoda>=242098 && mpsCoda<=257921 && beamState==1)



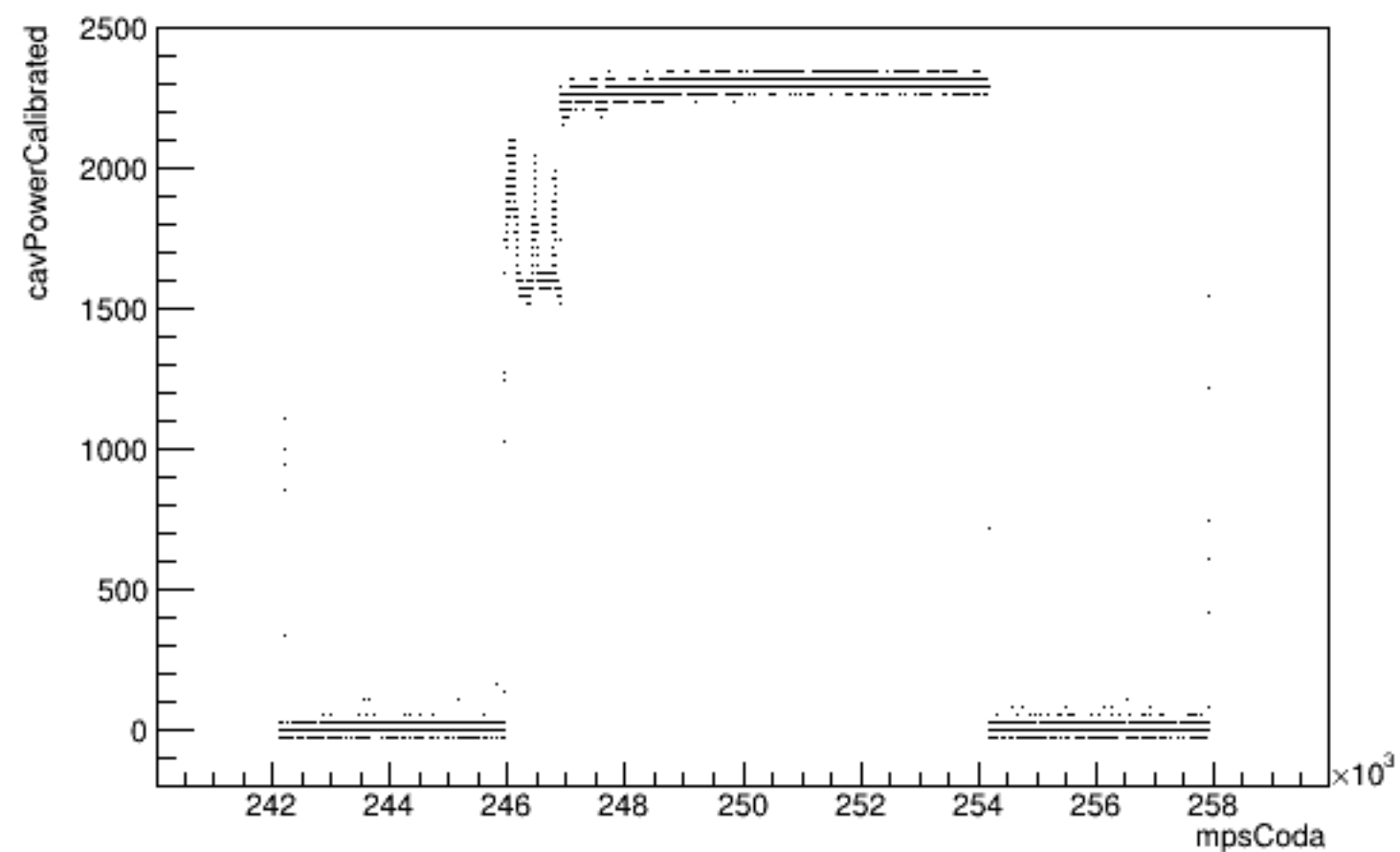
laserState:mpsCoda {mpsCoda>=242098 && mpsCoda<=257921}



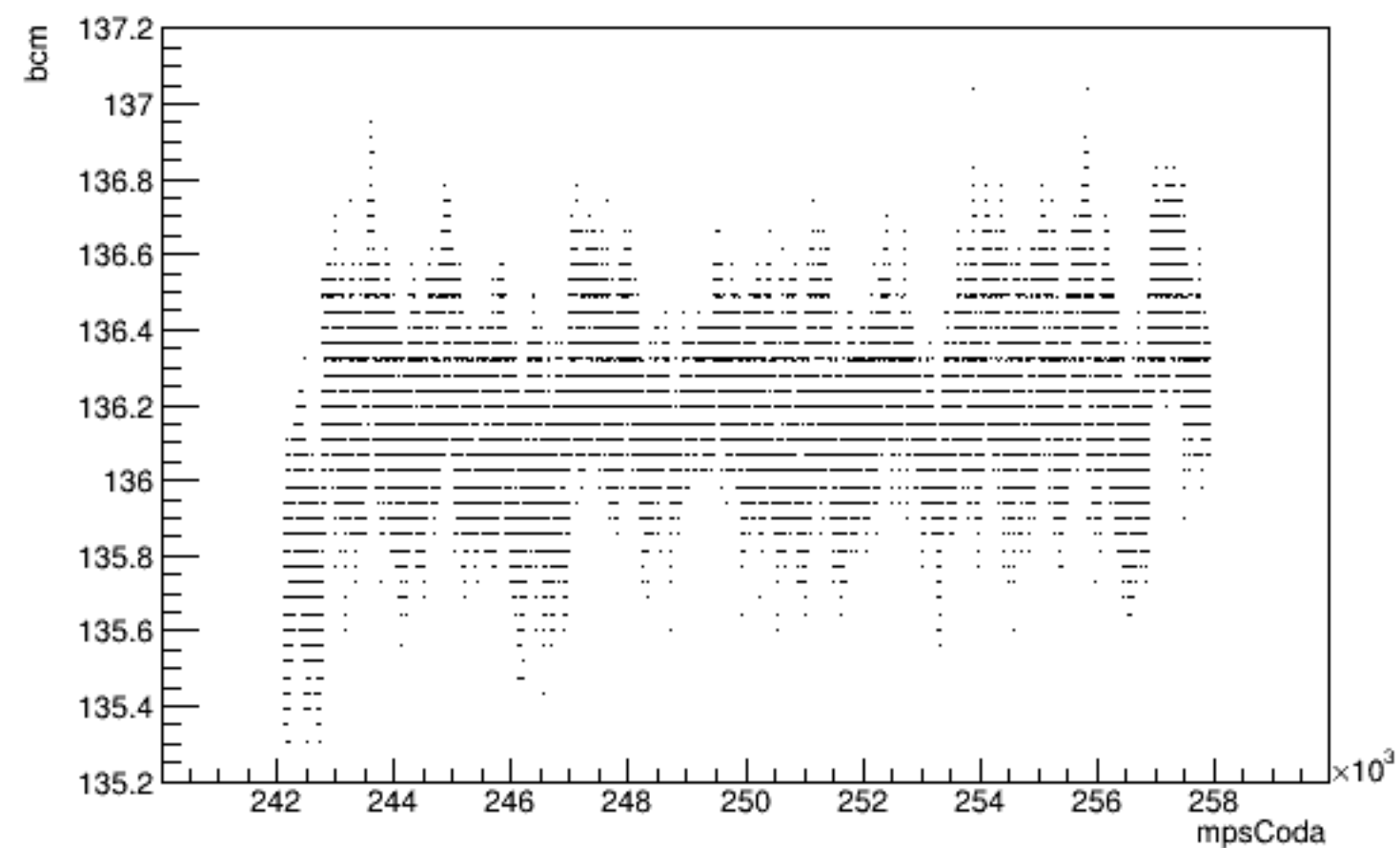
beamState + 1:mpsCoda {mpsCoda>=242098 && mpsCoda<=257921}



cavPowerCalibrated:mpsCoda {mpsCoda>=242098 && mpsCoda<=257921}



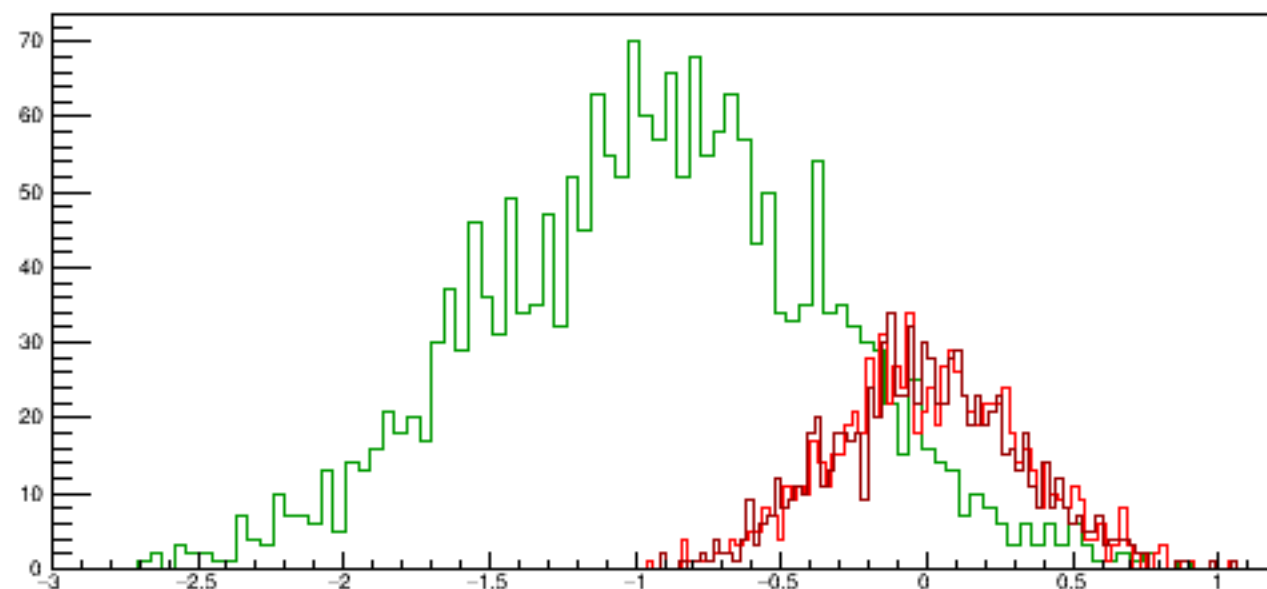
bcm:mpsCoda {mpsCoda>=242098 && mpsCoda<=257921}



Cycle 9, Diffs

Entries: 898	Entries: 2055	Entries: 911
Mean: 0.0009 +/- 0.0108	Mean: -0.9310 +/- 0.0129	Mean: -0.0086 +/- 0.0105
Std Dev: 0.3227 +/- 0.0076	Std Dev: 0.5841 +/- 0.0091	Std Dev: 0.3168 +/- 0.0074

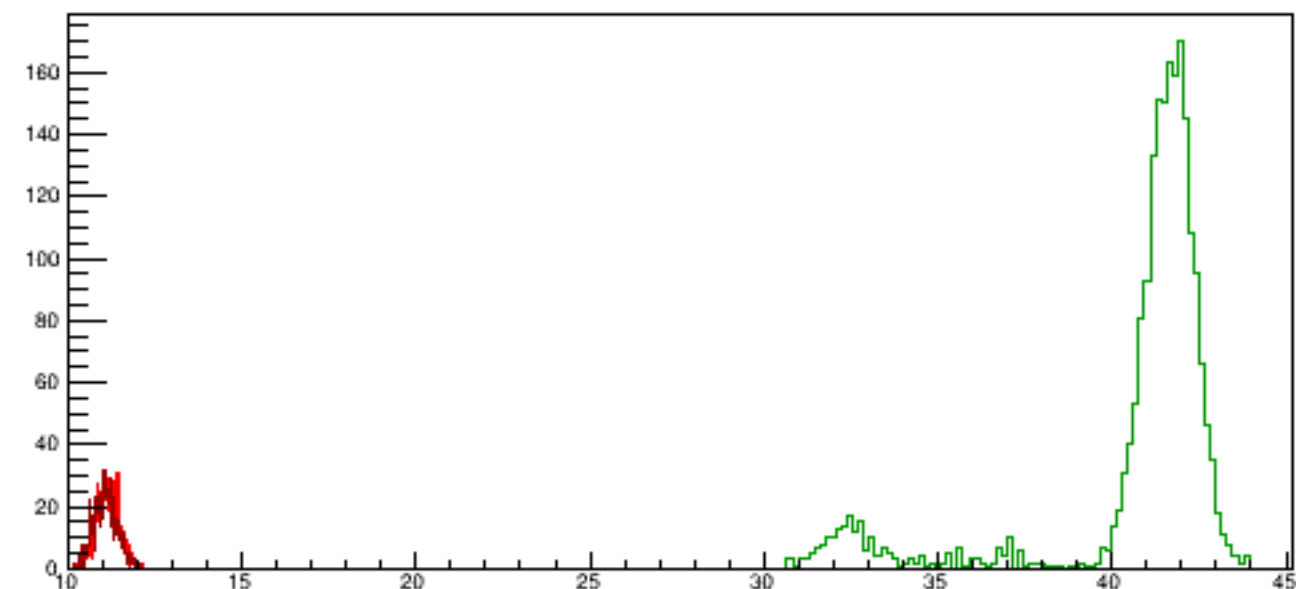
Run 5129 quartetwise, Diffs



Cycle 9, Sums

Entries: 898	Entries: 2055	Entries: 911
Mean: 11.1481 +/- 0.0107	Mean: 40.7537 +/- 0.0600	Mean: 11.0823 +/- 0.0112
Std Dev: 0.3194 +/- 0.0075	Std Dev: 2.7189 +/- 0.0424	Std Dev: 0.3395 +/- 0.0080

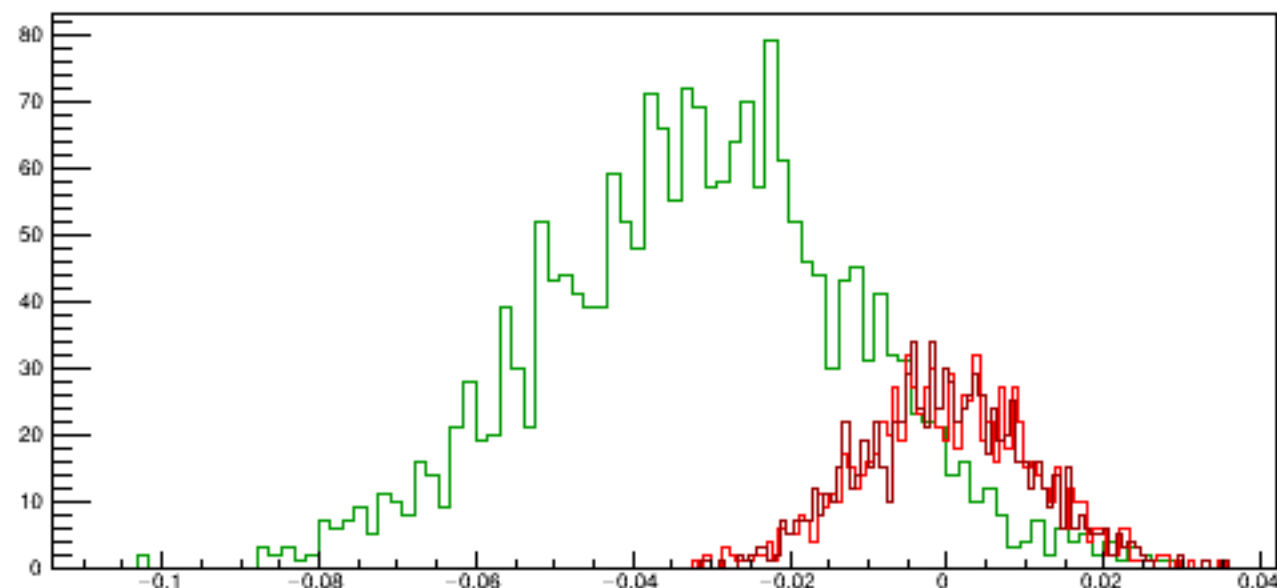
Run 5129 quartetwise, Sums



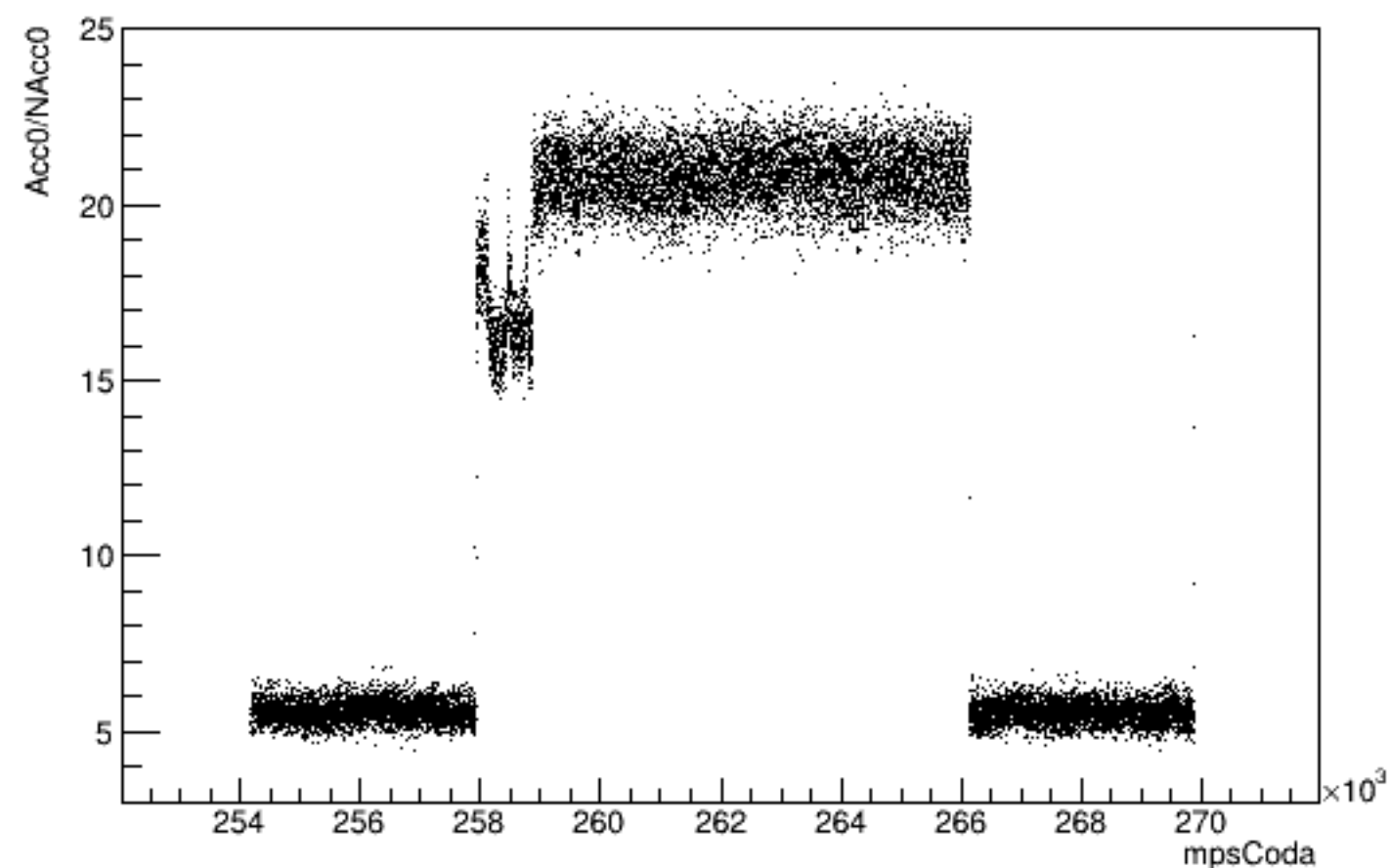
Cycle 9, Asyms

Entries: 898	Entries: 2055	Entries: 911
Mean: 0.0000 +/- 0.0004	Mean: -0.0315 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0109 +/- 0.0003	Std Dev: 0.0199 +/- 0.0003	Std Dev: 0.0107 +/- 0.0003

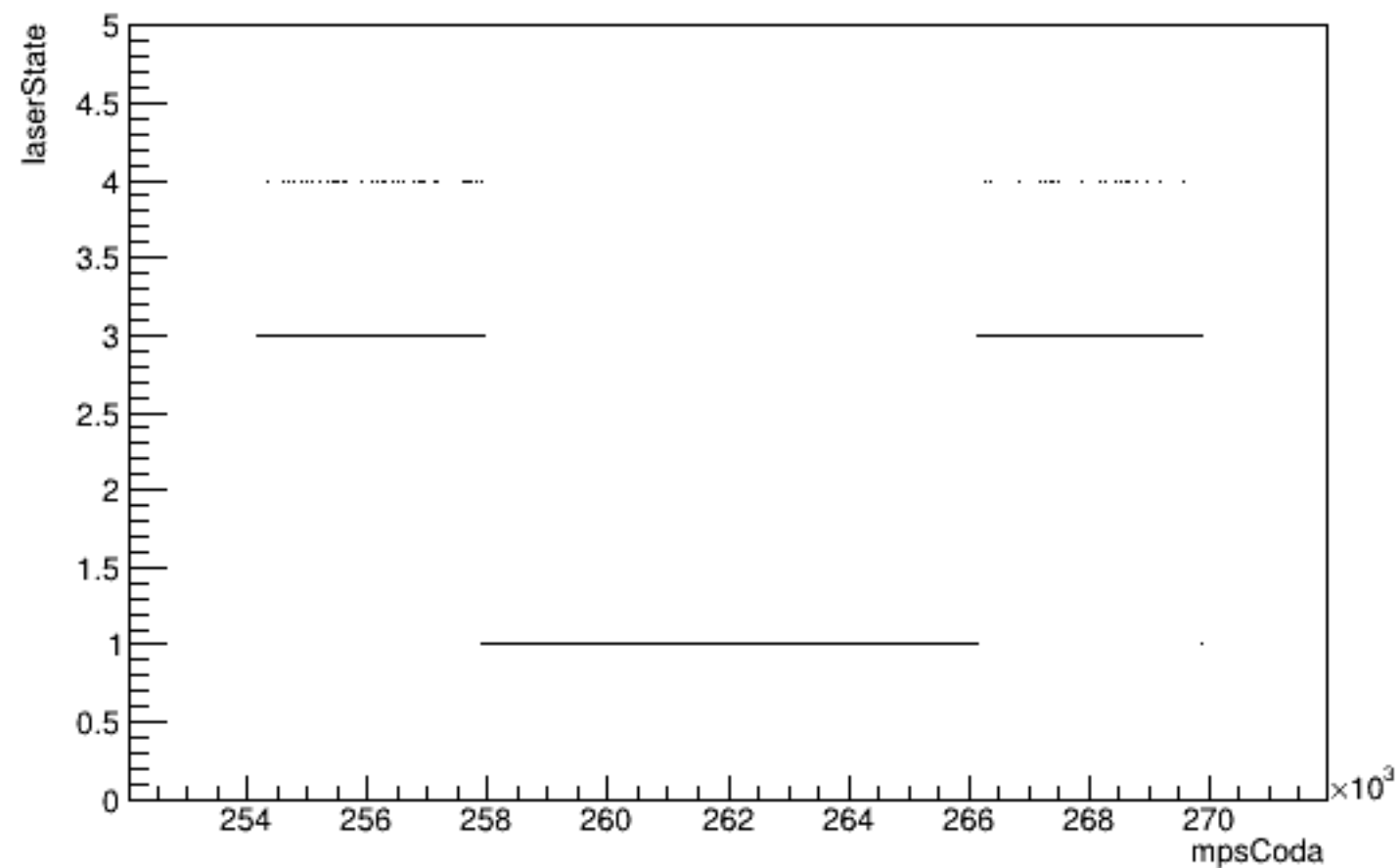
Run 5129 quartetwise, Asyms



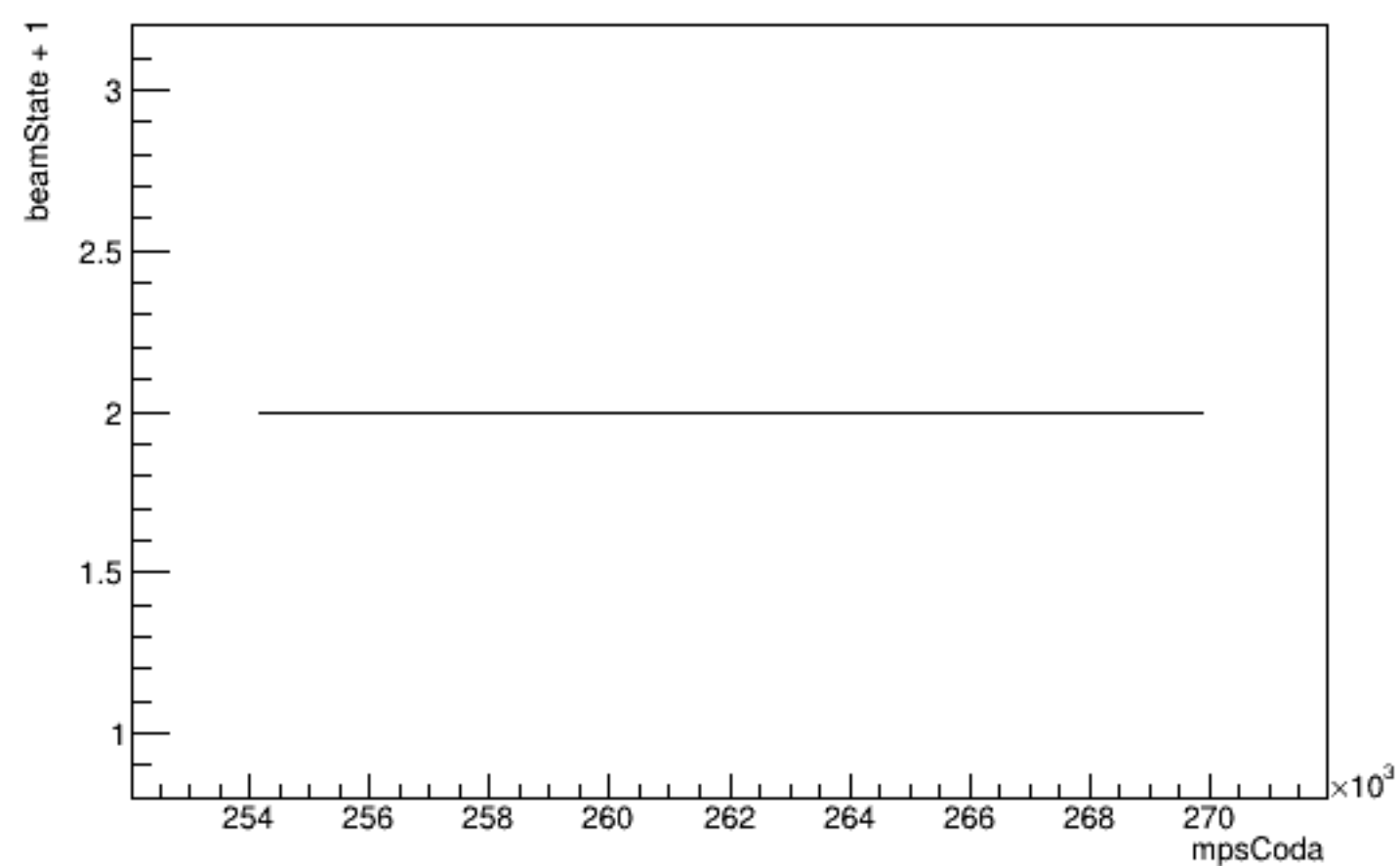
Acc0/NAcc0:mpsCoda (mpsCoda>=254174 && mpsCoda<=269881 && beamState==1)



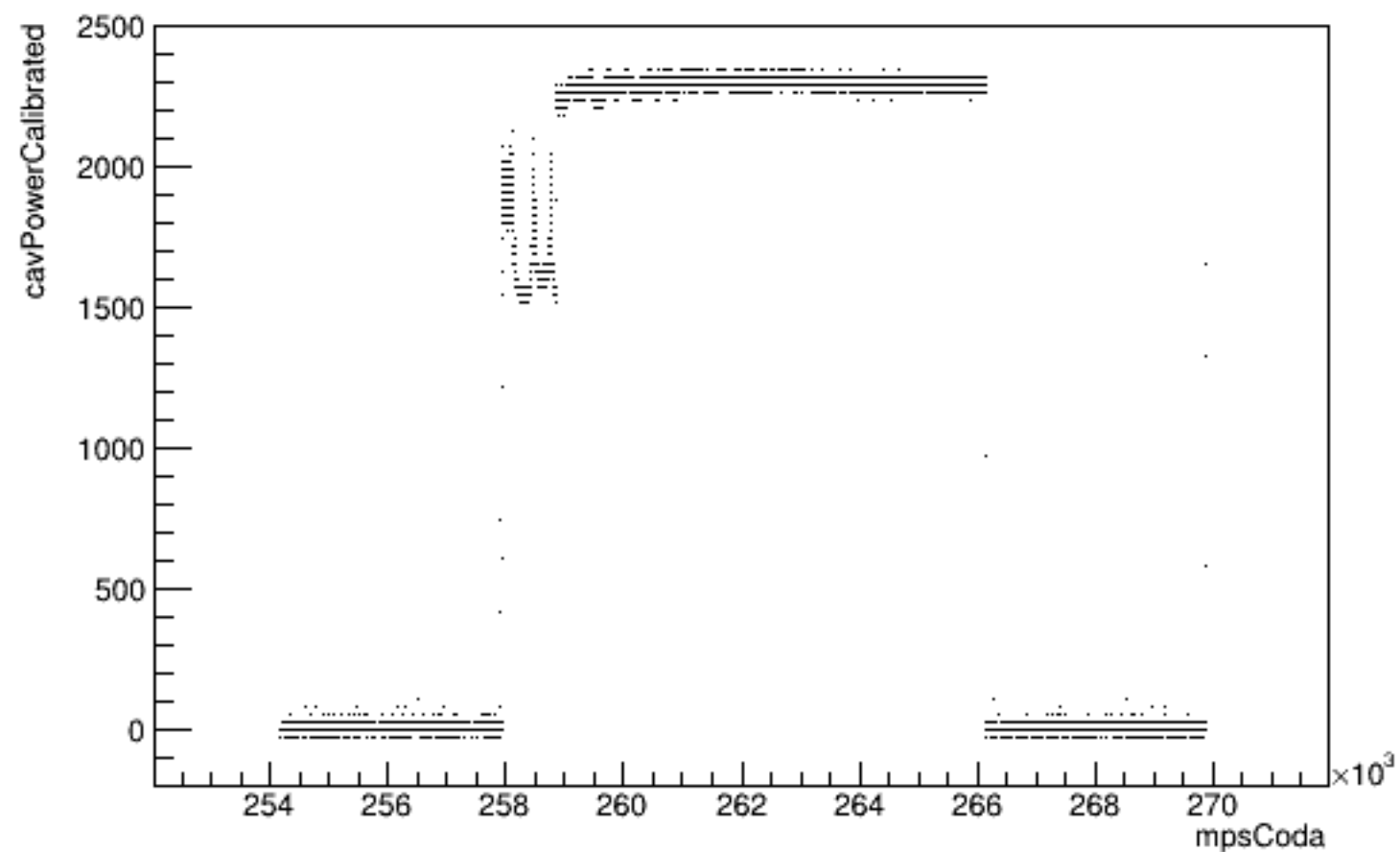
laserState:mpsCoda {mpsCoda>=254174 && mpsCoda<=269881}



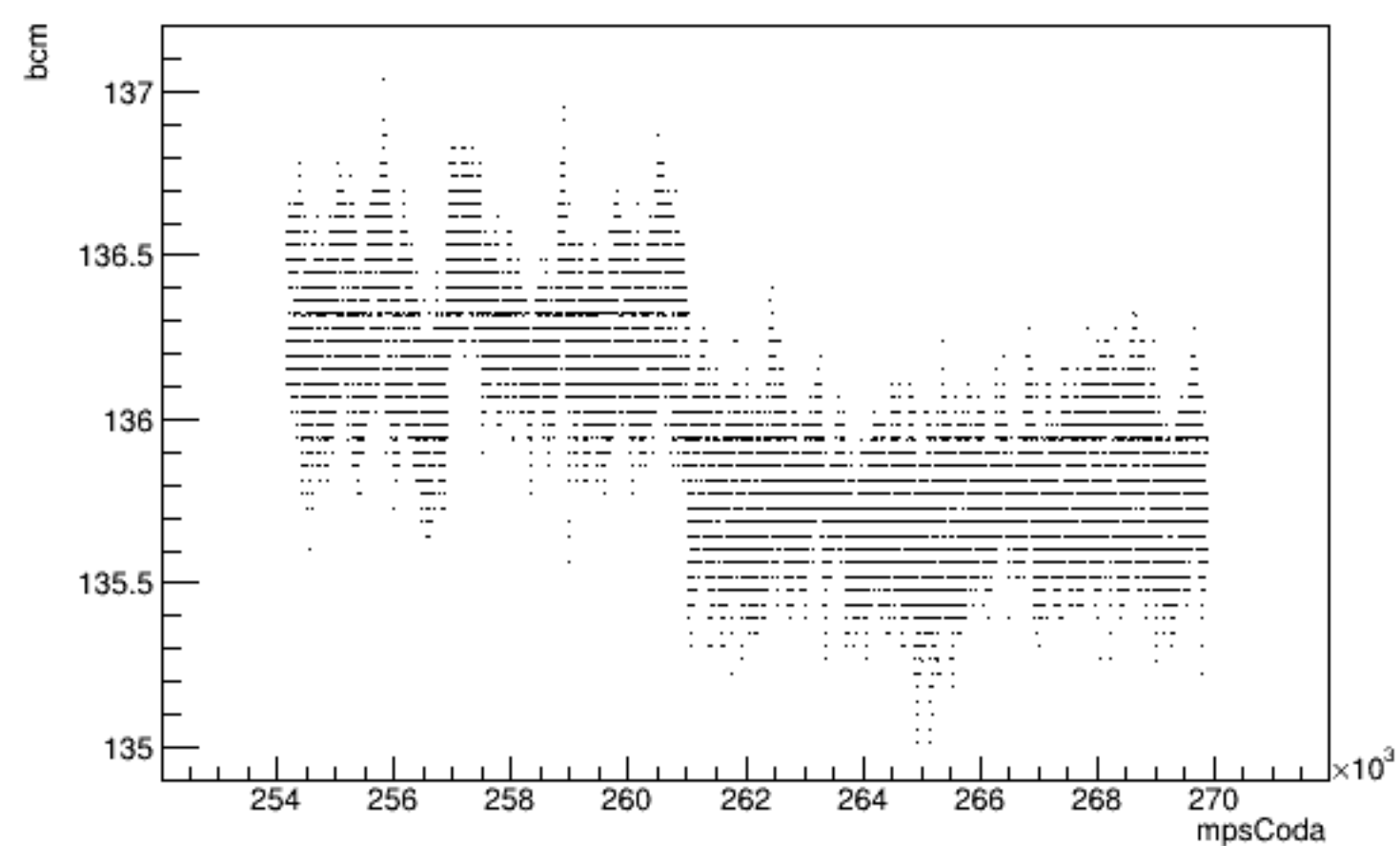
beamState + 1:mpsCoda {mpsCoda>=254174 && mpsCoda<=269881}



cavPowerCalibrated:mpsCoda {mpsCoda>=254174 && mpsCoda<=269881}



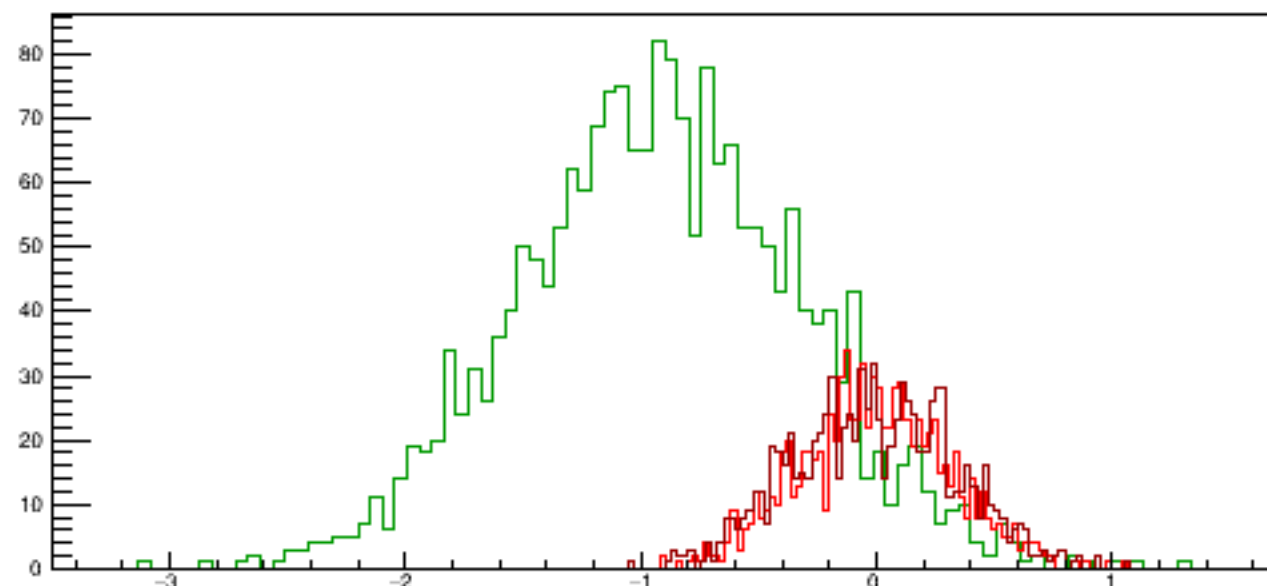
bcm:mpsCoda {mpsCoda>=254174 && mpsCoda<=269881}



Cycle 10, Diffs

Entries: 911	Entries: 2057	Entries: 905
Mean: -0.0086 +/- 0.0105	Mean: -0.9186 +/- 0.0132	Mean: -0.0130 +/- 0.0114
Std Dev: 0.3168 +/- 0.0074	Std Dev: 0.5965 +/- 0.0093	Std Dev: 0.3423 +/- 0.0080

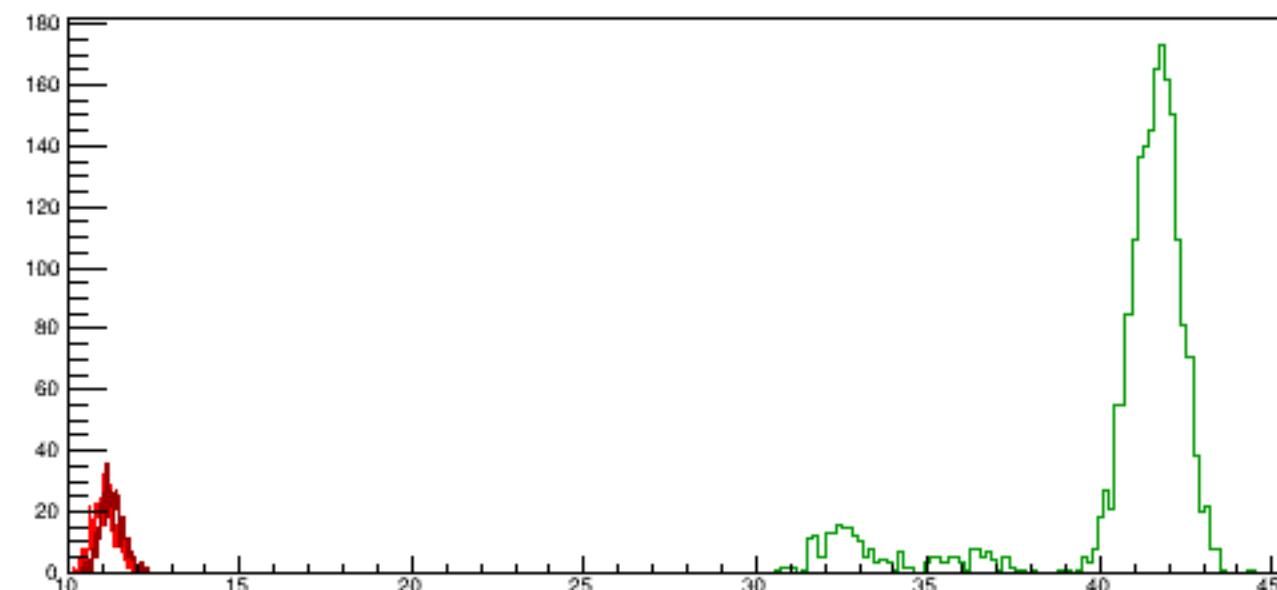
Run 5129 quartetwise, Diffs



Cycle 10, Sums

Entries: 911	Entries: 2057	Entries: 905
Mean: 11.0823 +/- 0.0112	Mean: 40.6982 +/- 0.0593	Mean: 11.2750 +/- 0.0108
Std Dev: 0.3395 +/- 0.0080	Std Dev: 2.6910 +/- 0.0420	Std Dev: 0.3255 +/- 0.0077

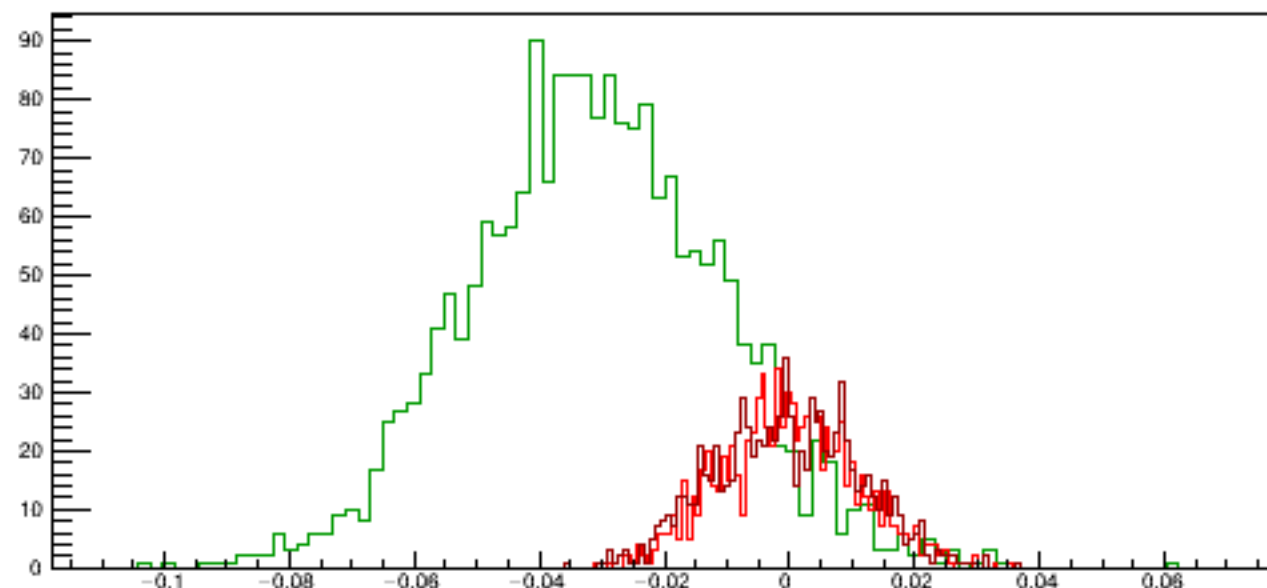
Run 5129 quartetwise, Sums



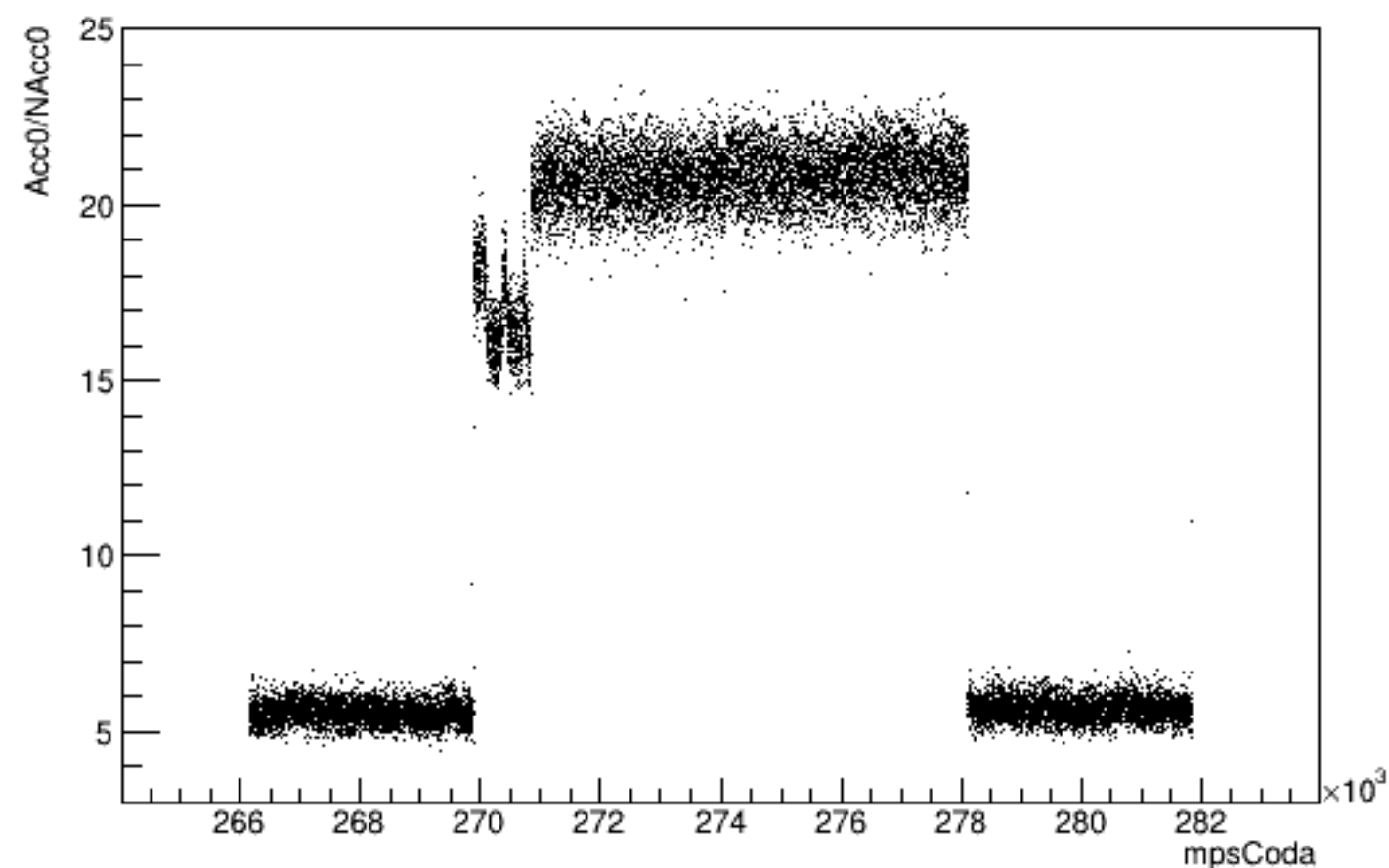
Cycle 10, Asyms

Entries: 911	Entries: 2057	Entries: 905
Mean: -0.0003 +/- 0.0004	Mean: -0.0311 +/- 0.0004	Mean: -0.0004 +/- 0.0004
Std Dev: 0.0107 +/- 0.0003	Std Dev: 0.0202 +/- 0.0003	Std Dev: 0.0116 +/- 0.0003

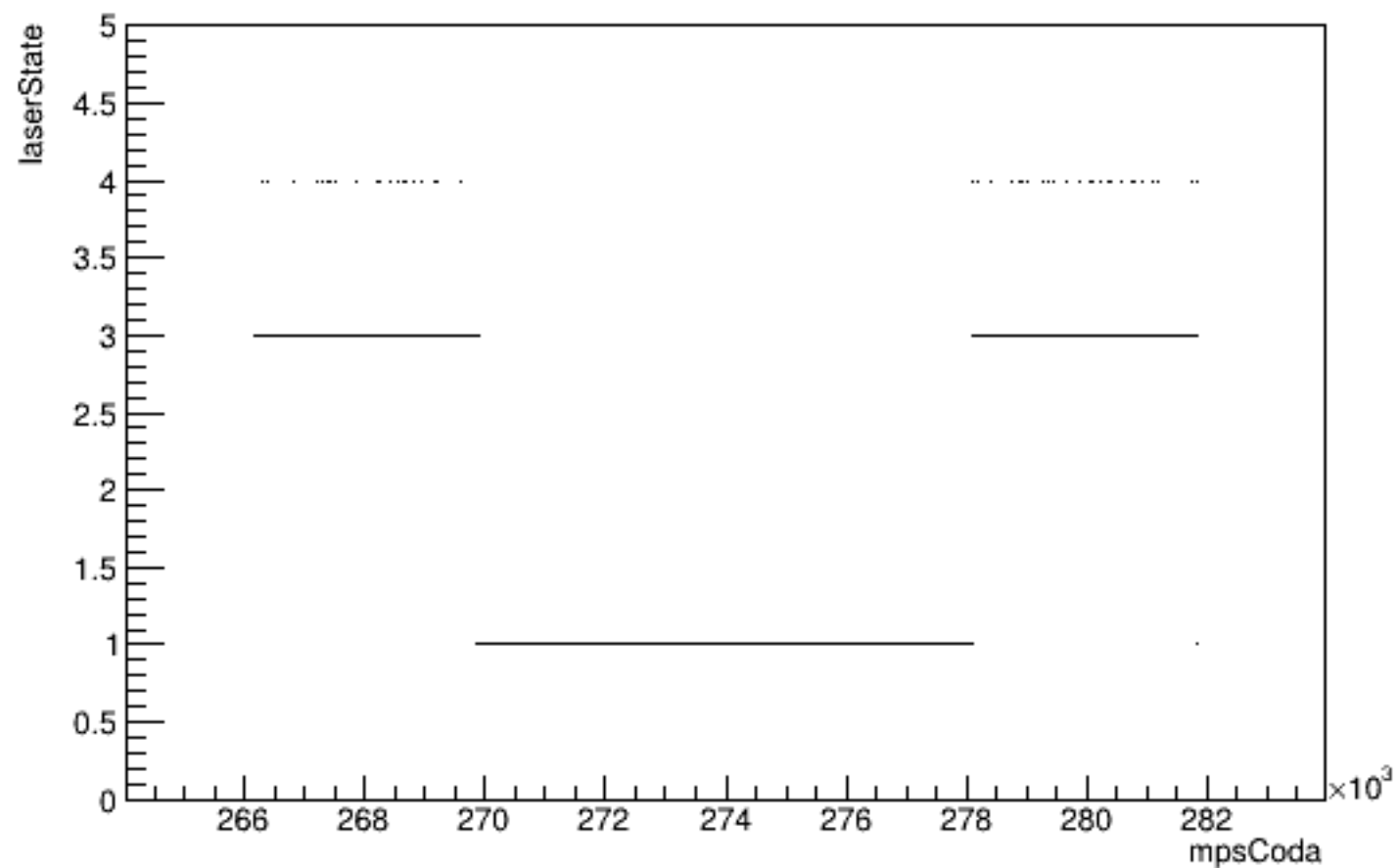
Run 5129 quartetwise, Asyms



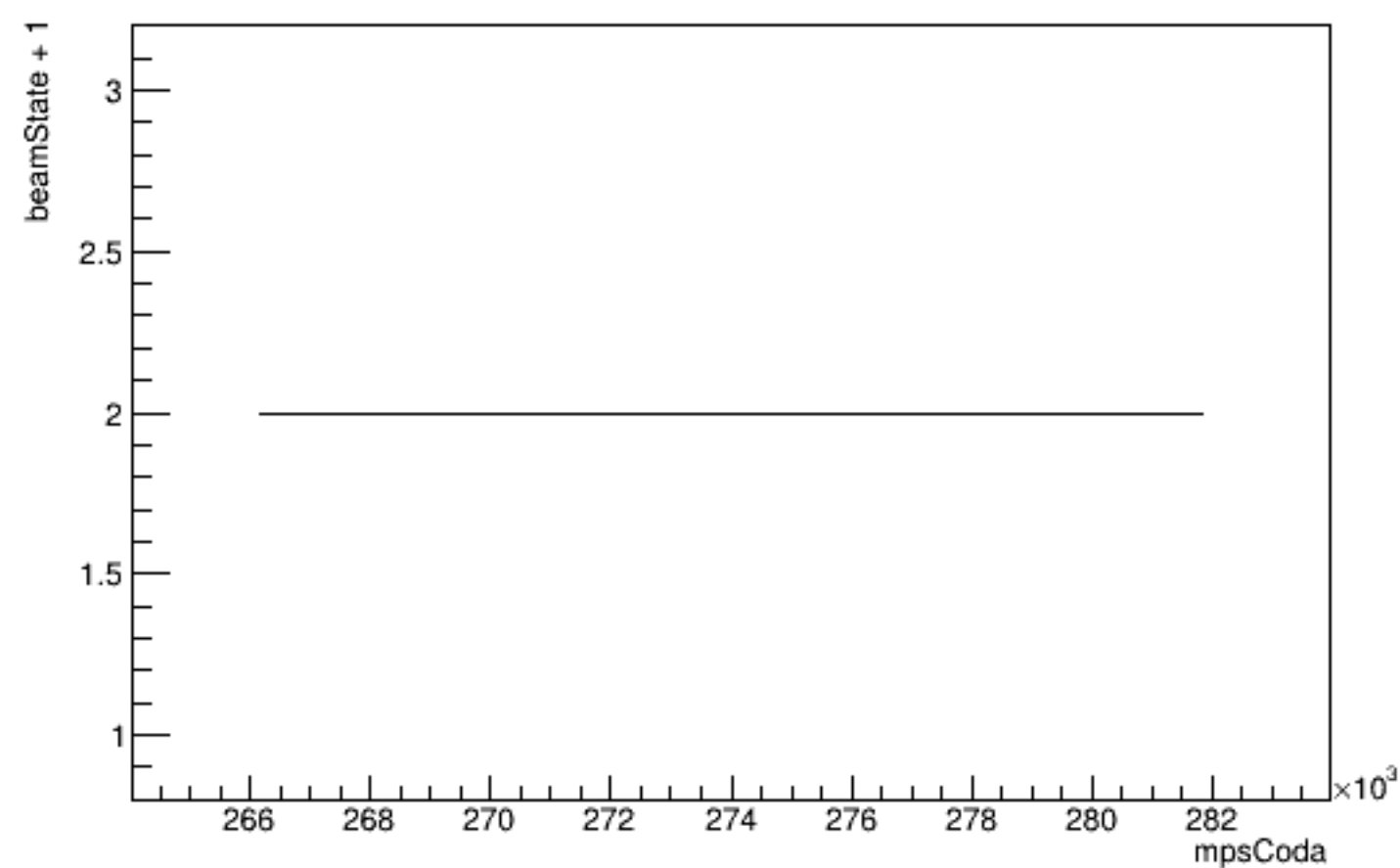
Acc0/NAcc0:mpsCoda (mpsCoda>=266146 && mpsCoda<=281841 && beamState==1)



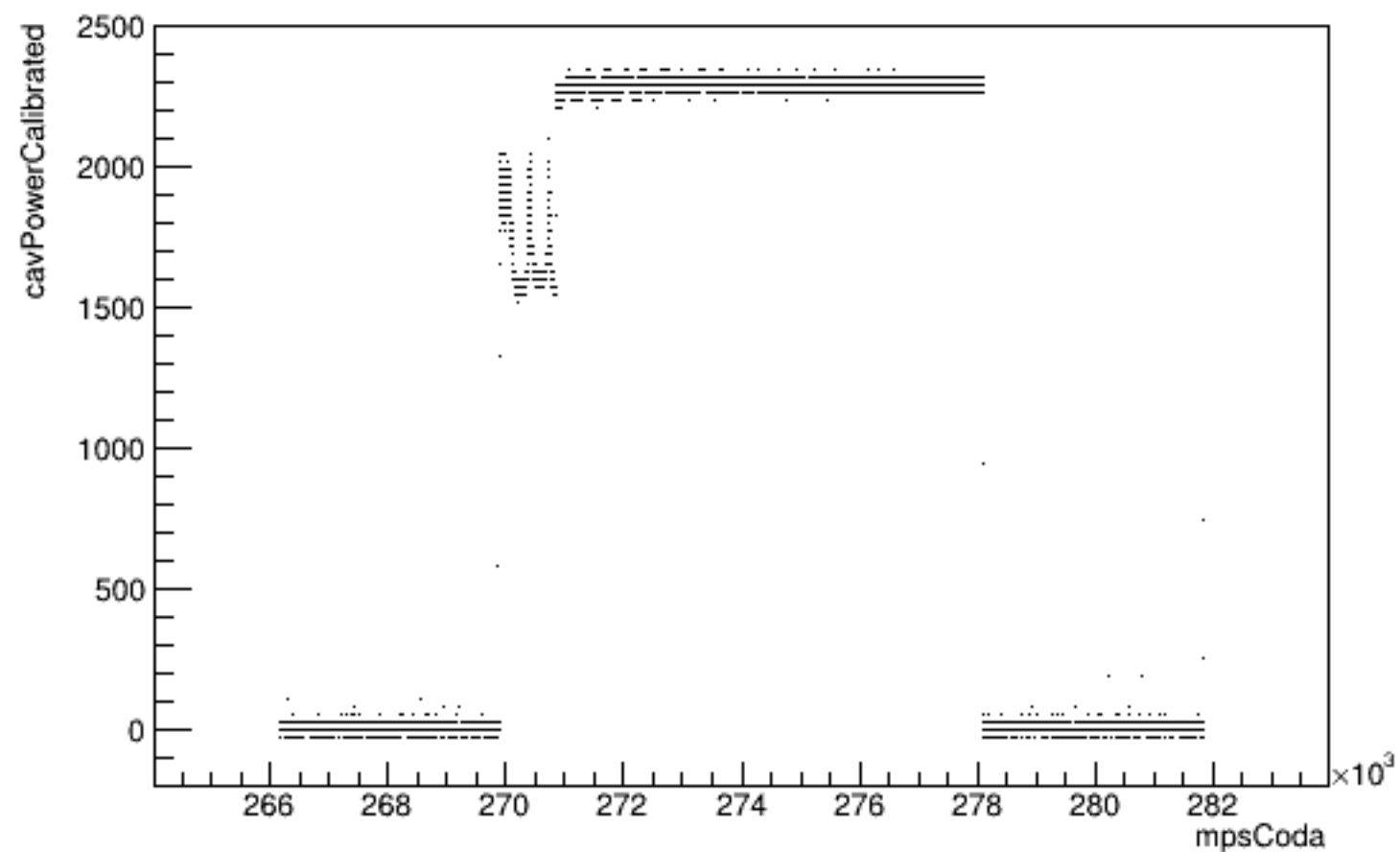
laserState:mpsCoda {mpsCoda>=266146 && mpsCoda<=281841}



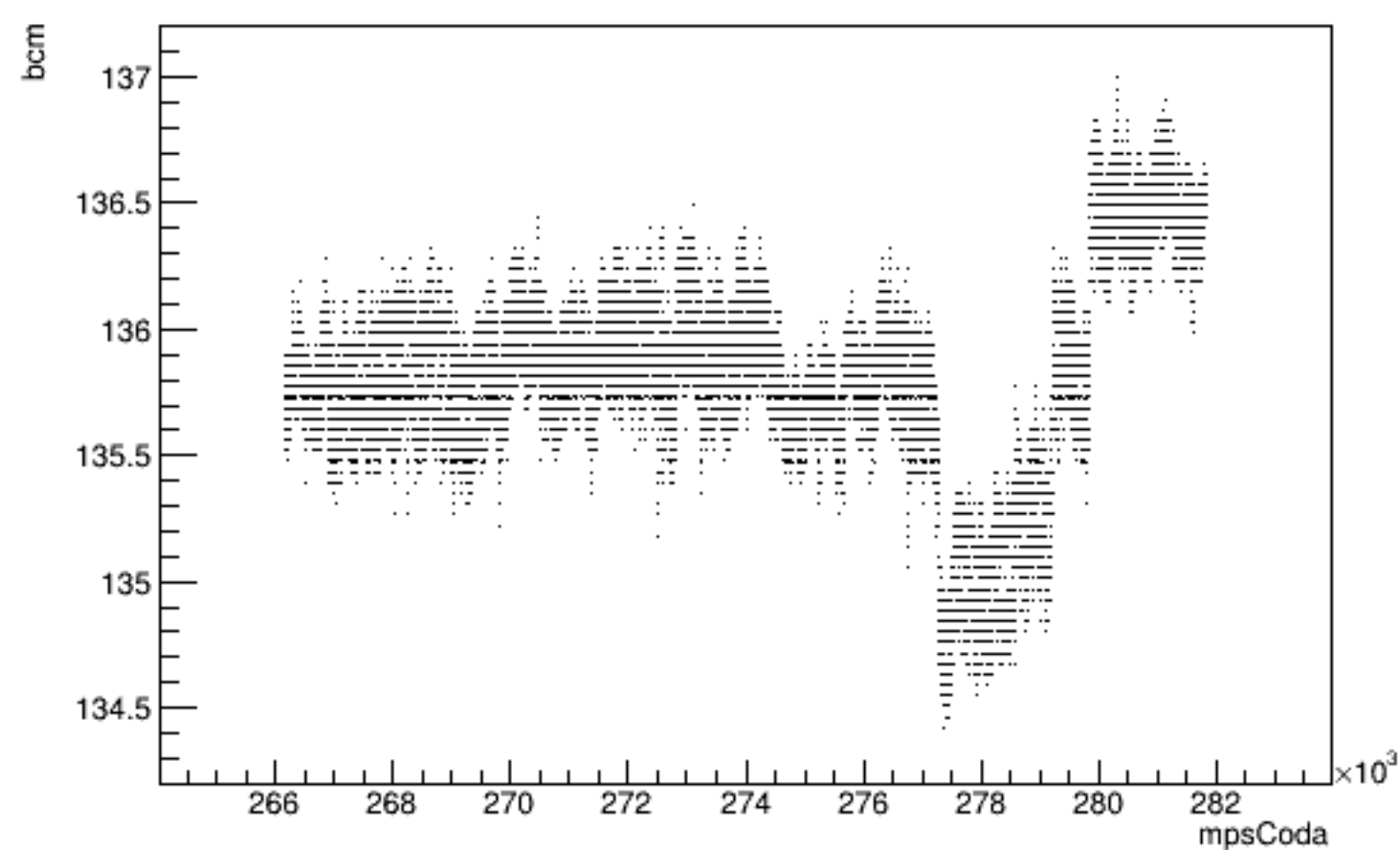
beamState + 1:mpsCoda {mpsCoda>=266146 && mpsCoda<=281841}



cavPowerCalibrated:mpsCoda {mpsCoda>=266146 && mpsCoda<=281841}



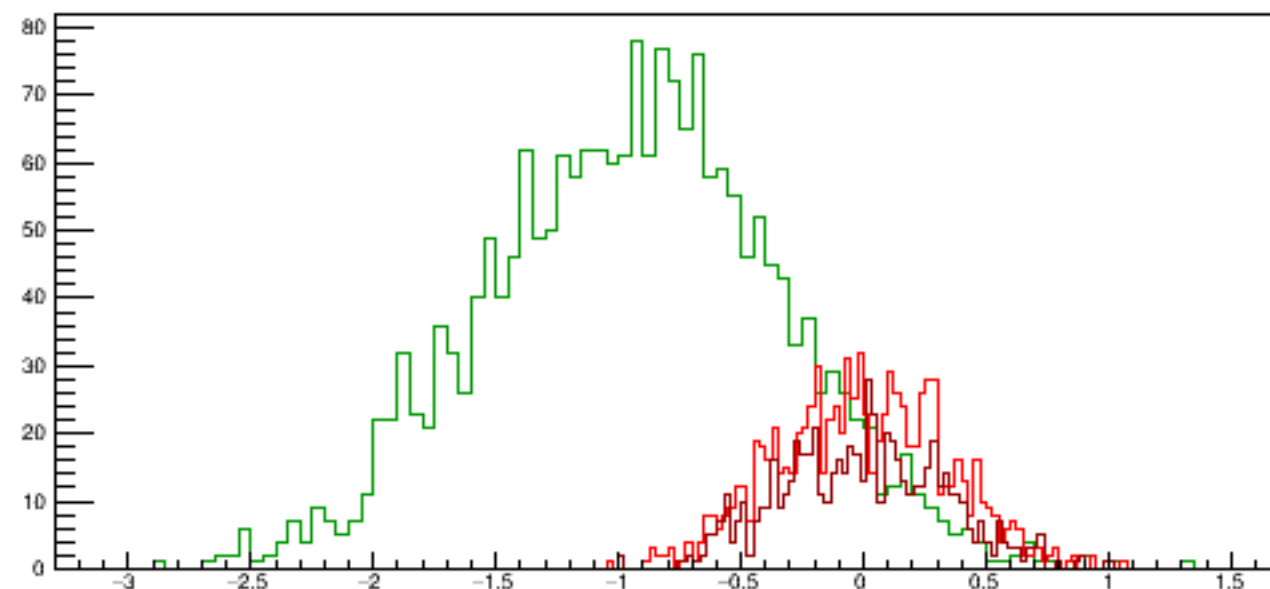
bcm:mpsCoda {mpsCoda>=266146 && mpsCoda<=281841}



Cycle 11, Diffs

Entries: 905	Entries: 2060	Entries: 635
Mean: -0.0130 +/- 0.0114	Mean: -0.9367 +/- 0.0132	Mean: -0.0065 +/- 0.0132
Std Dev: 0.3423 +/- 0.0080	Std Dev: 0.5986 +/- 0.0093	Std Dev: 0.3323 +/- 0.0093

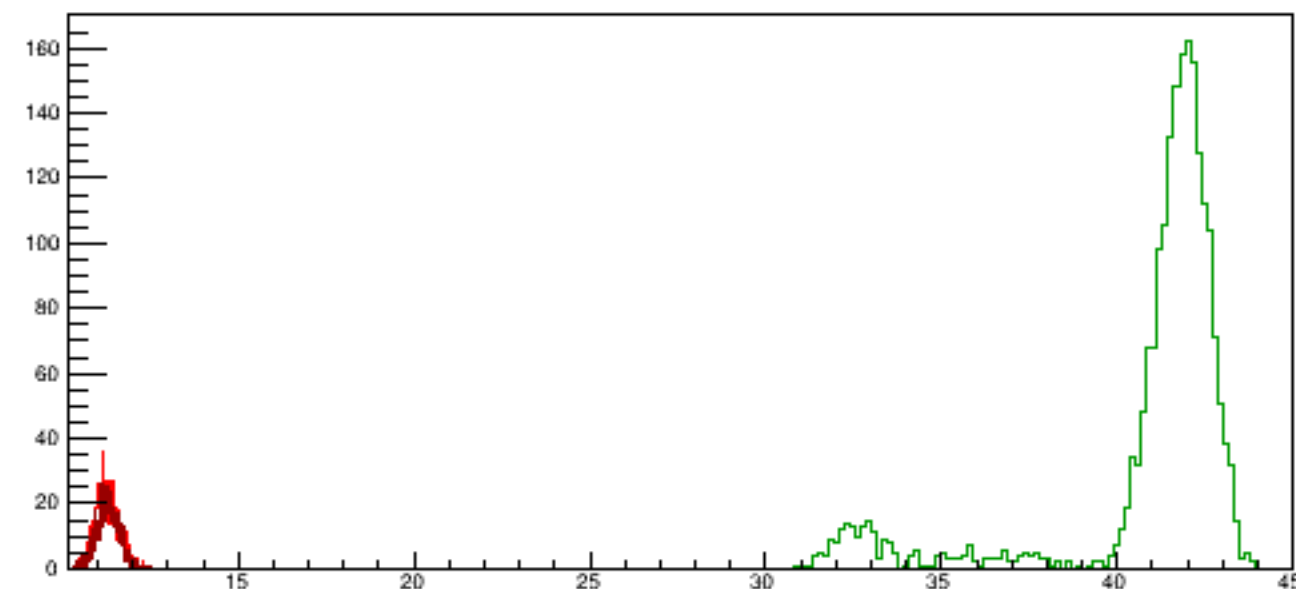
Run 5129 quartetwise, Diffs



Cycle 11, Sums

Entries: 905	Entries: 2060	Entries: 635
Mean: 11.2750 +/- 0.0108	Mean: 40.9418 +/- 0.0594	Mean: 11.2976 +/- 0.0135
Std Dev: 0.3255 +/- 0.0077	Std Dev: 2.6962 +/- 0.0420	Std Dev: 0.3400 +/- 0.0095

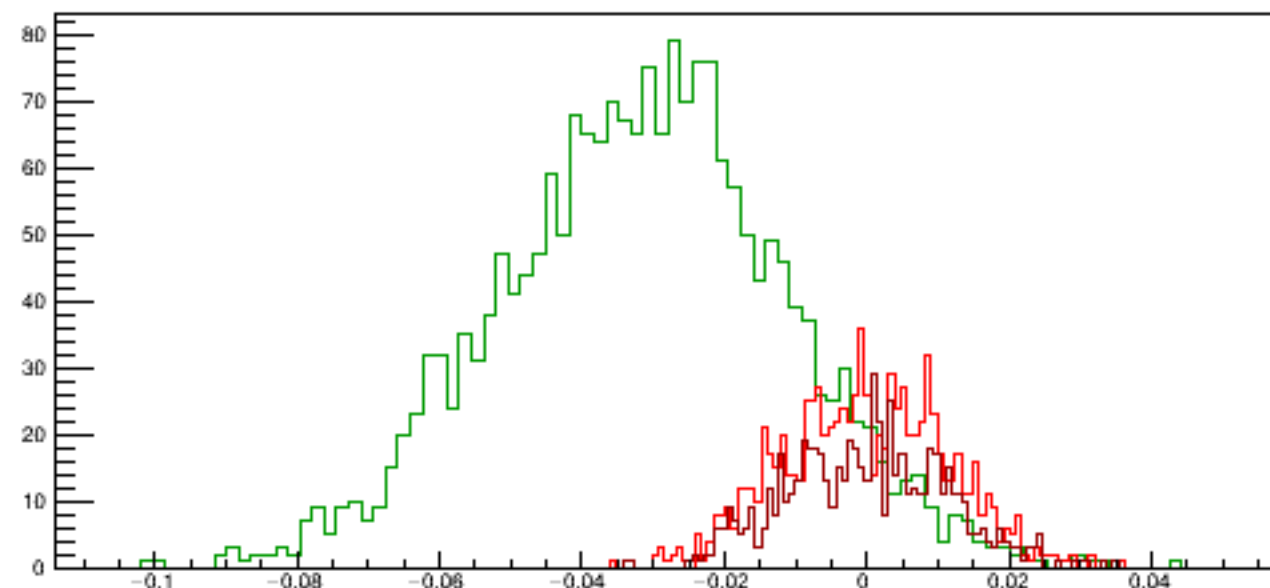
Run 5129 quartetwise, Sums



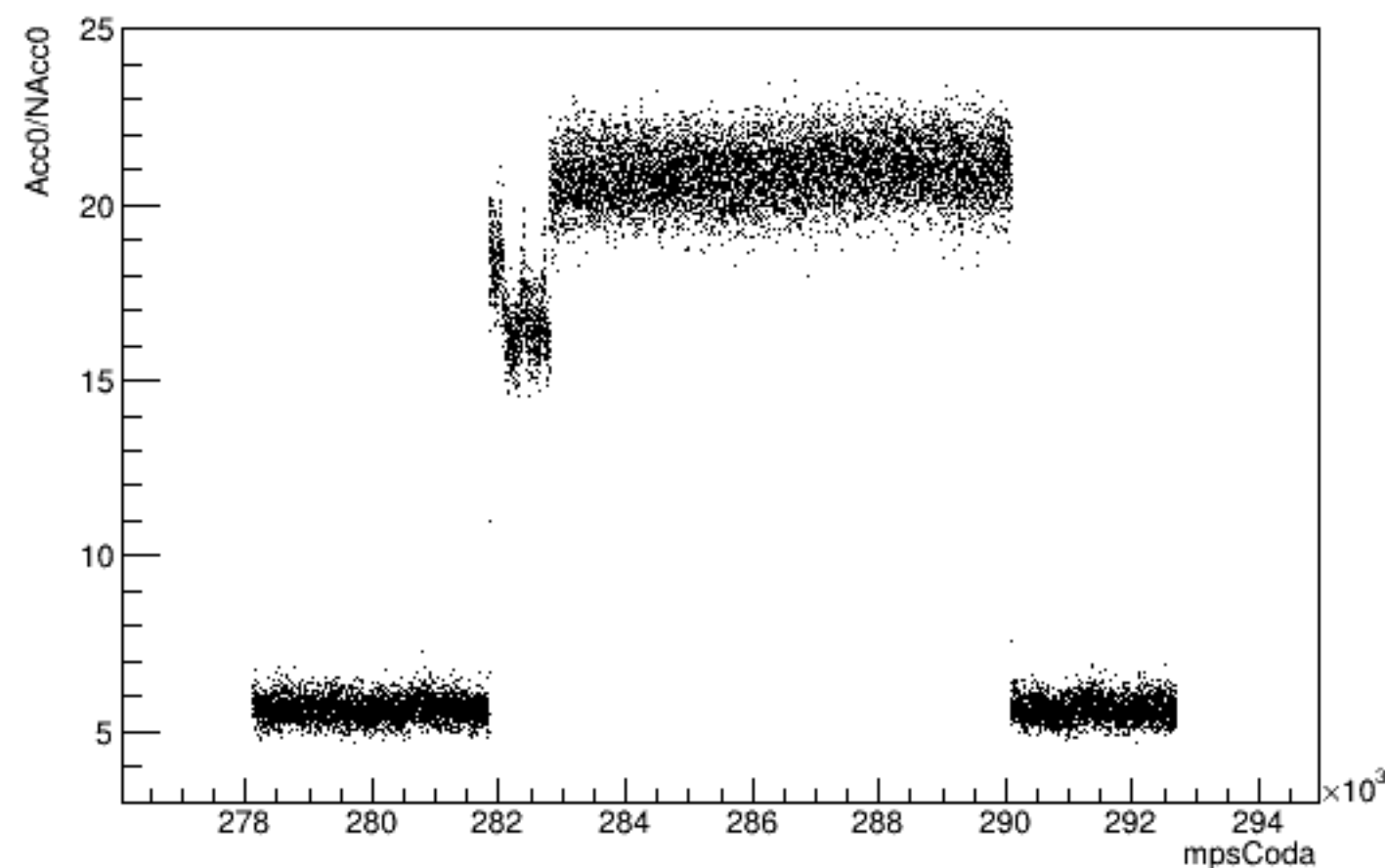
Cycle 11, Asyms

Entries: 905	Entries: 2060	Entries: 635
Mean: -0.0004 +/- 0.0004	Mean: -0.0316 +/- 0.0004	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0115 +/- 0.0003	Std Dev: 0.0202 +/- 0.0003	Std Dev: 0.0112 +/- 0.0003

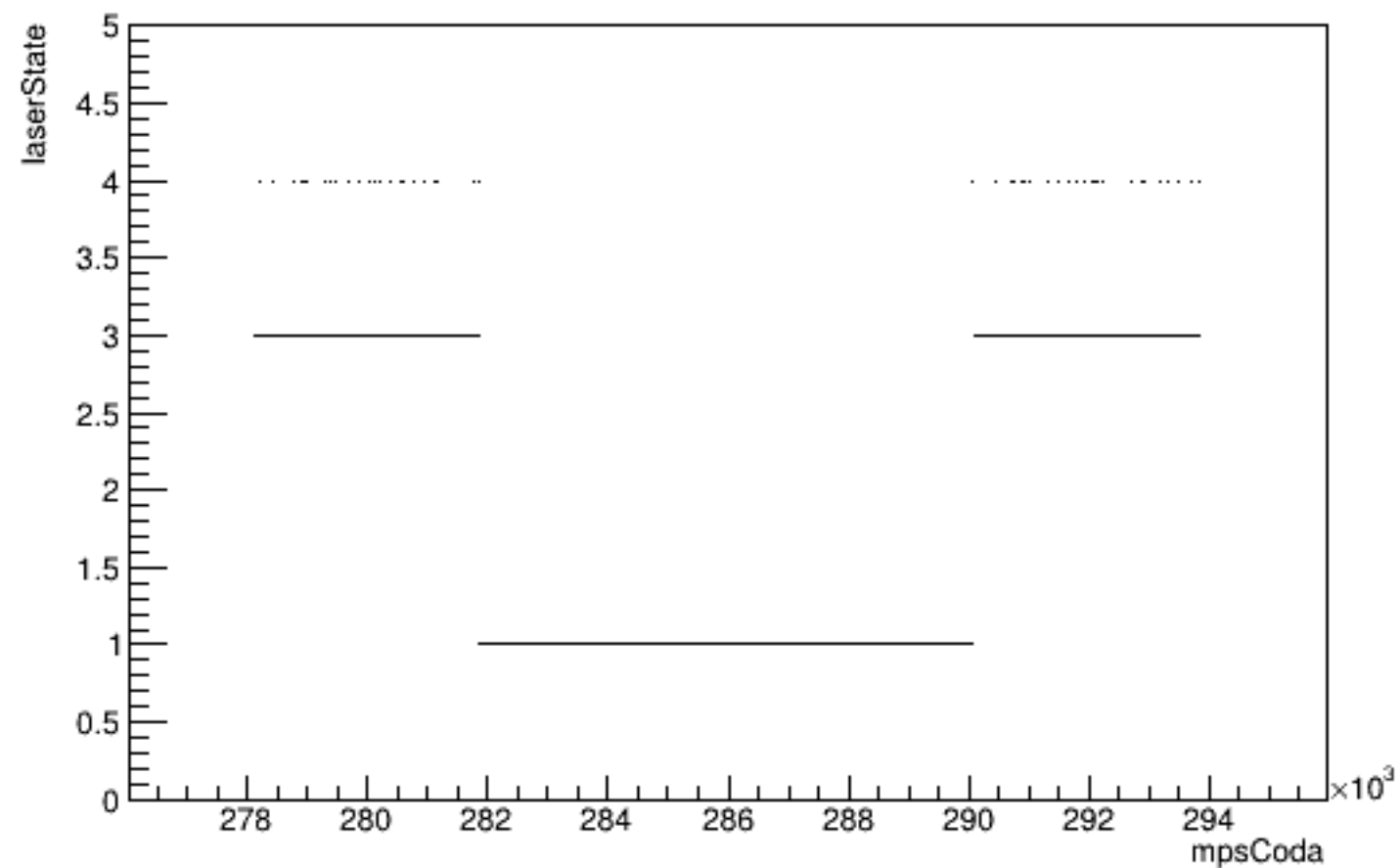
Run 5129 quartetwise, Asyms



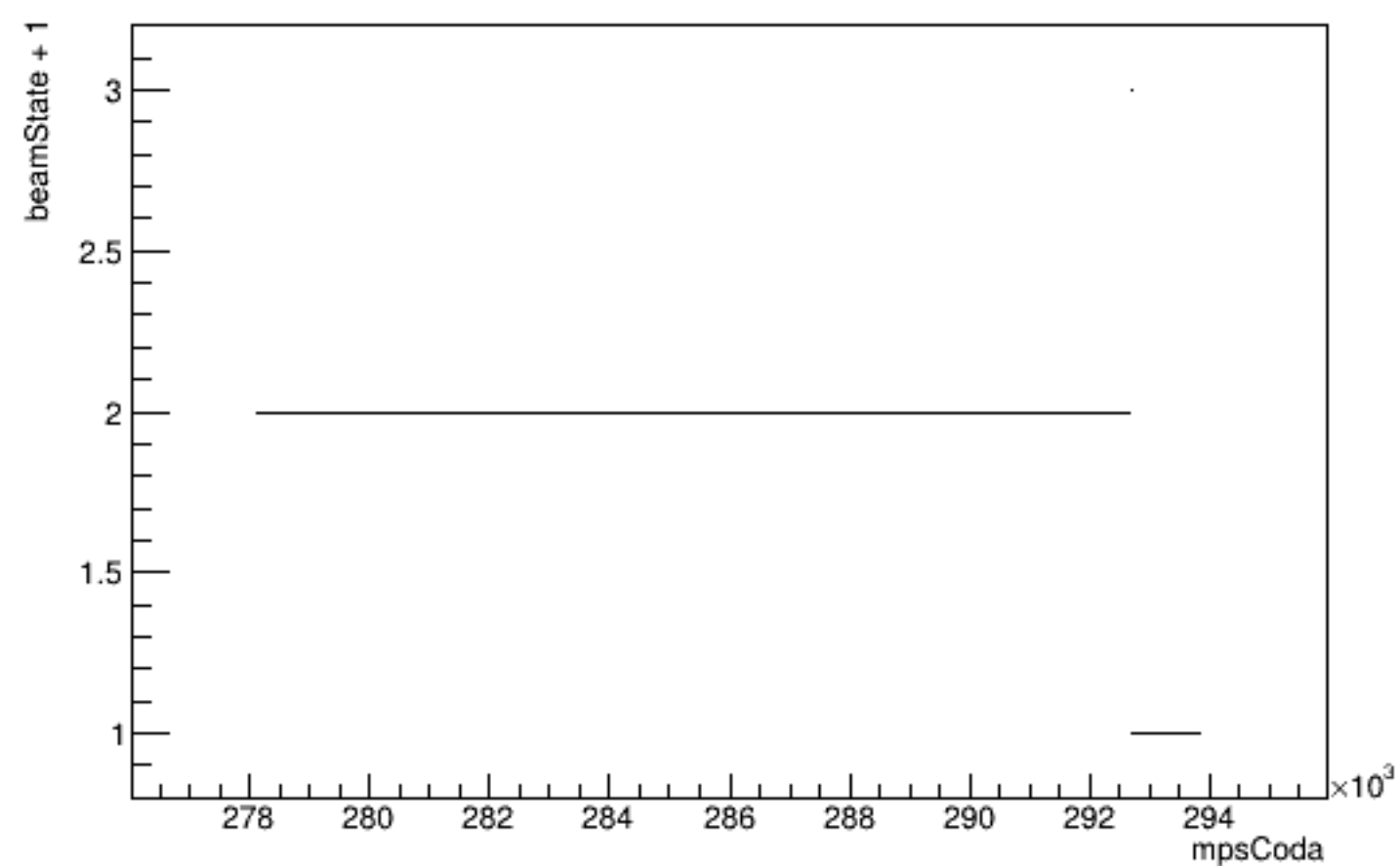
Acc0/NAcc0:mpsCoda (mpsCoda>=278118 && mpsCoda<=293829 && beamState==1)



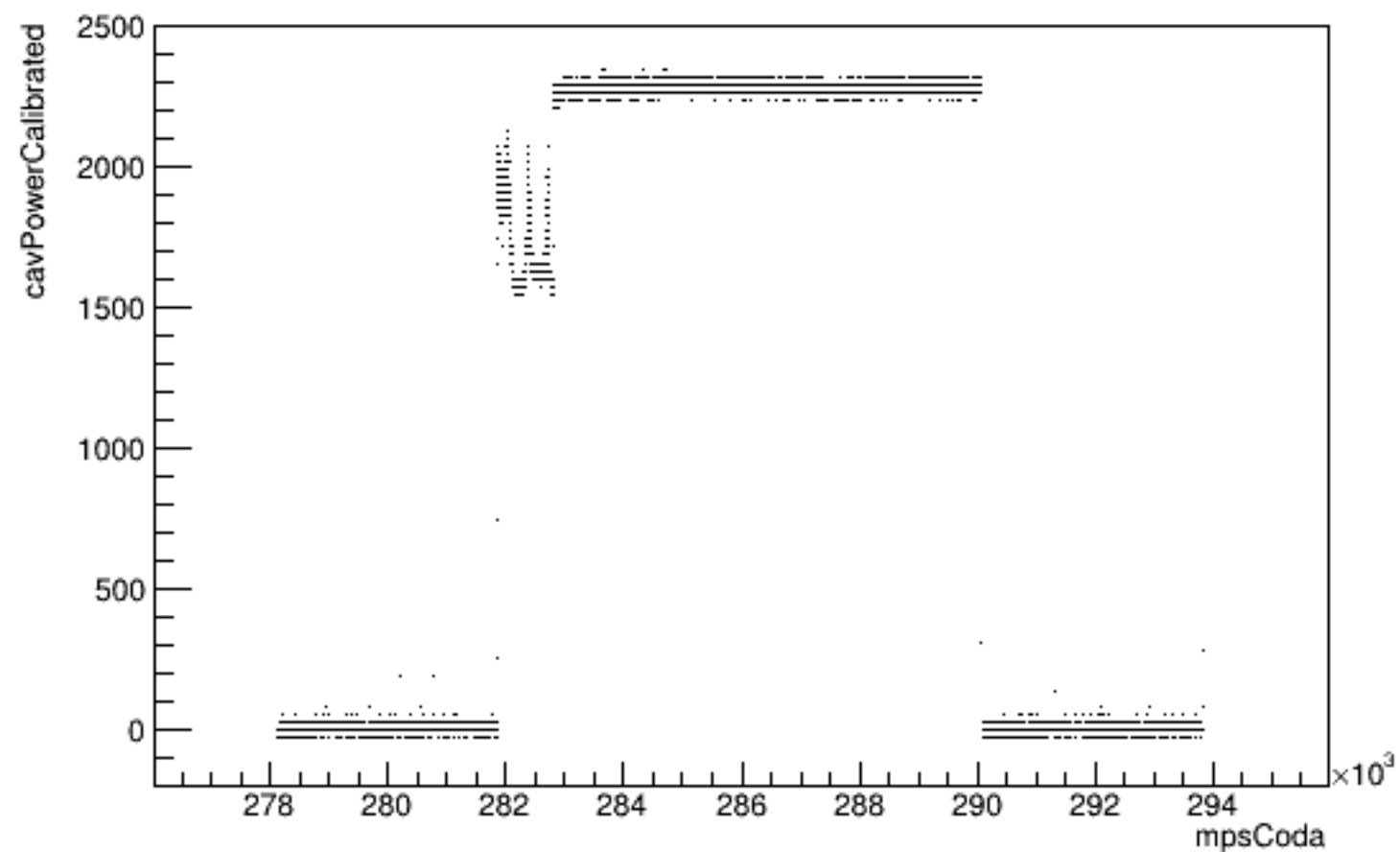
laserState:mpsCoda {mpsCoda>=278118 && mpsCoda<=293829}



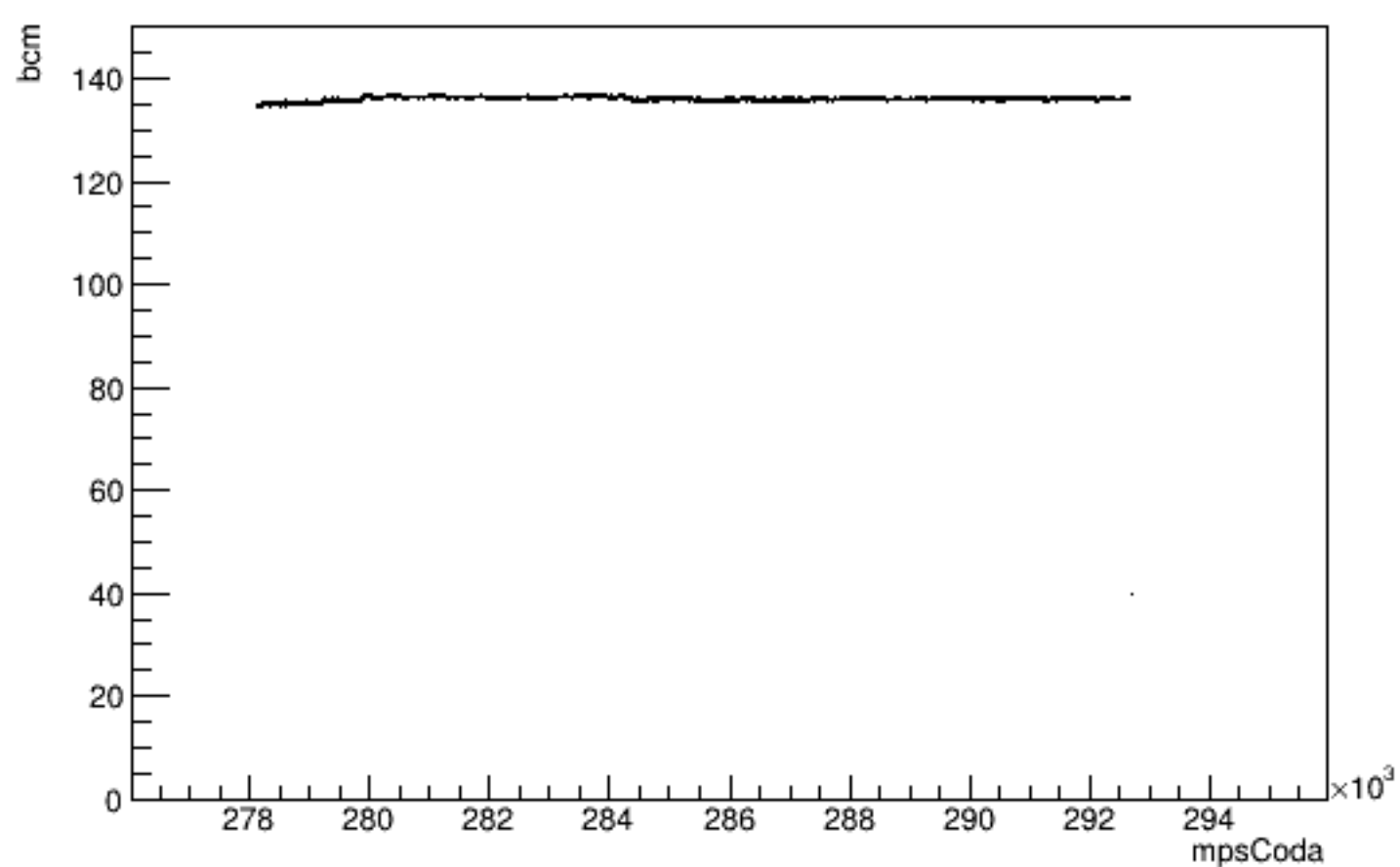
beamState + 1:mpsCoda {mpsCoda>=278118 && mpsCoda<=293829}



cavPowerCalibrated:mpsCoda {mpsCoda>=278118 && mpsCoda<=293829}



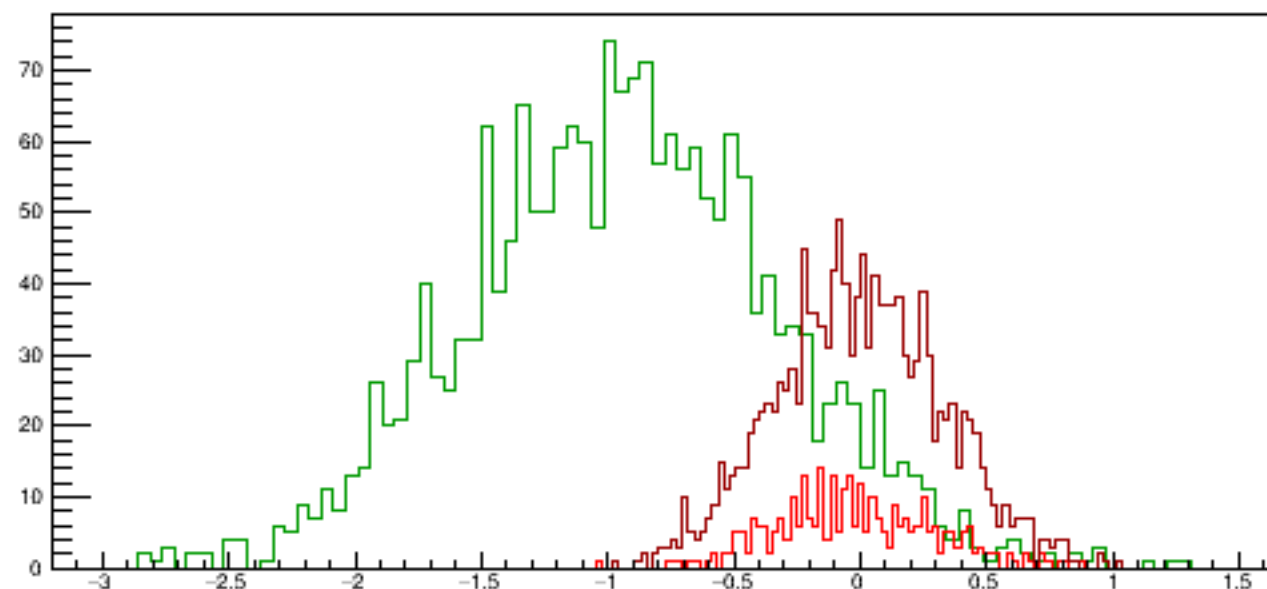
bcm:mpsCoda {mpsCoda>=278118 && mpsCoda<=293829}



Cycle 12, Diffs

Entries: 315	Entries: 2017	Entries: 1398
Mean: -0.0166 +/- 0.0178	Mean: -0.9329 +/- 0.0137	Mean: -0.0052 +/- 0.0088
Std Dev: 0.3153 +/- 0.0126	Std Dev: 0.6136 +/- 0.0097	Std Dev: 0.3288 +/- 0.0062

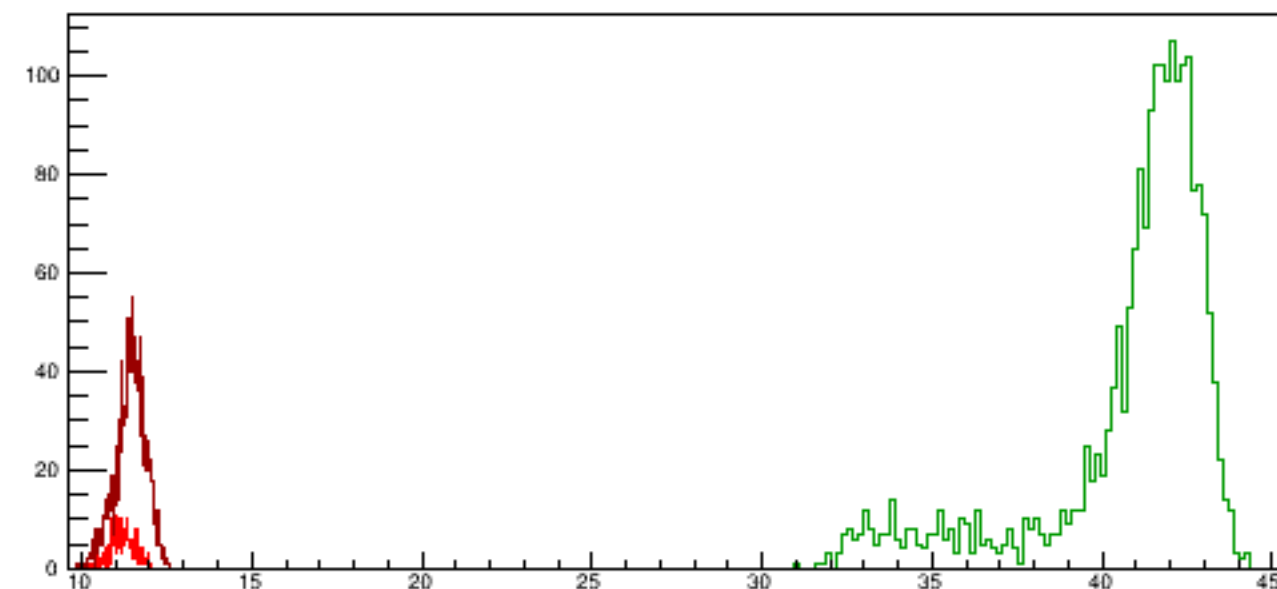
Run 5129 quartetwise, Diffs



Cycle 12, Sums

Entries: 315	Entries: 2017	Entries: 1398
Mean: 11.2078 +/- 0.0197	Mean: 40.8160 +/- 0.0570	Mean: 11.4424 +/- 0.0119
Std Dev: 0.3489 +/- 0.0139	Std Dev: 2.5621 +/- 0.0403	Std Dev: 0.4439 +/- 0.0084

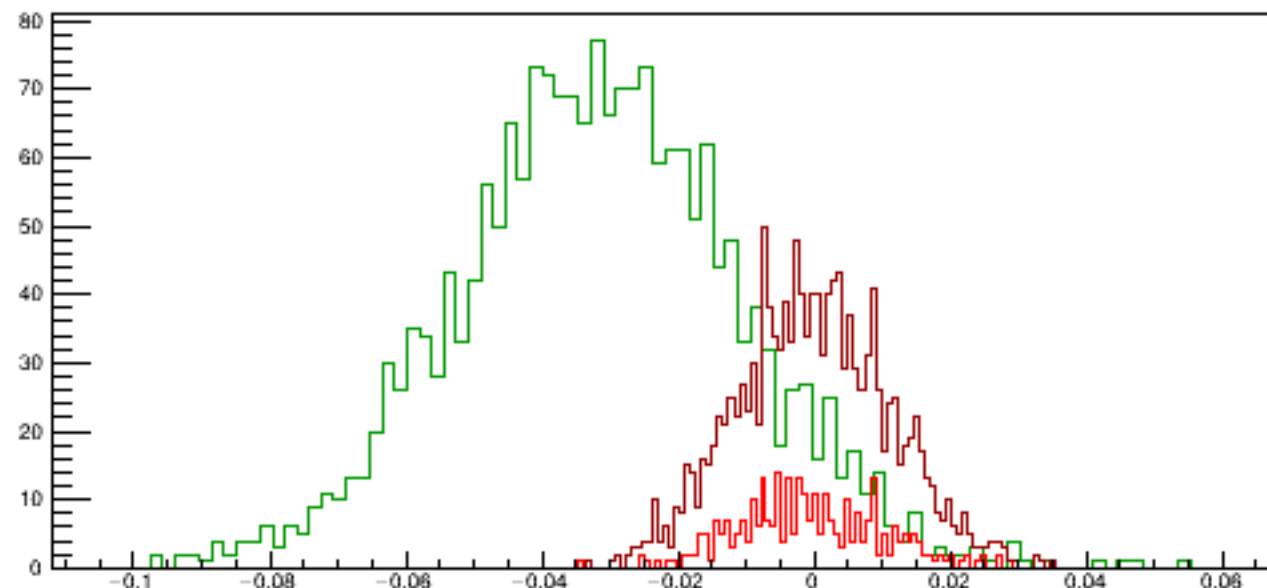
Run 5129 quartetwise, Sums



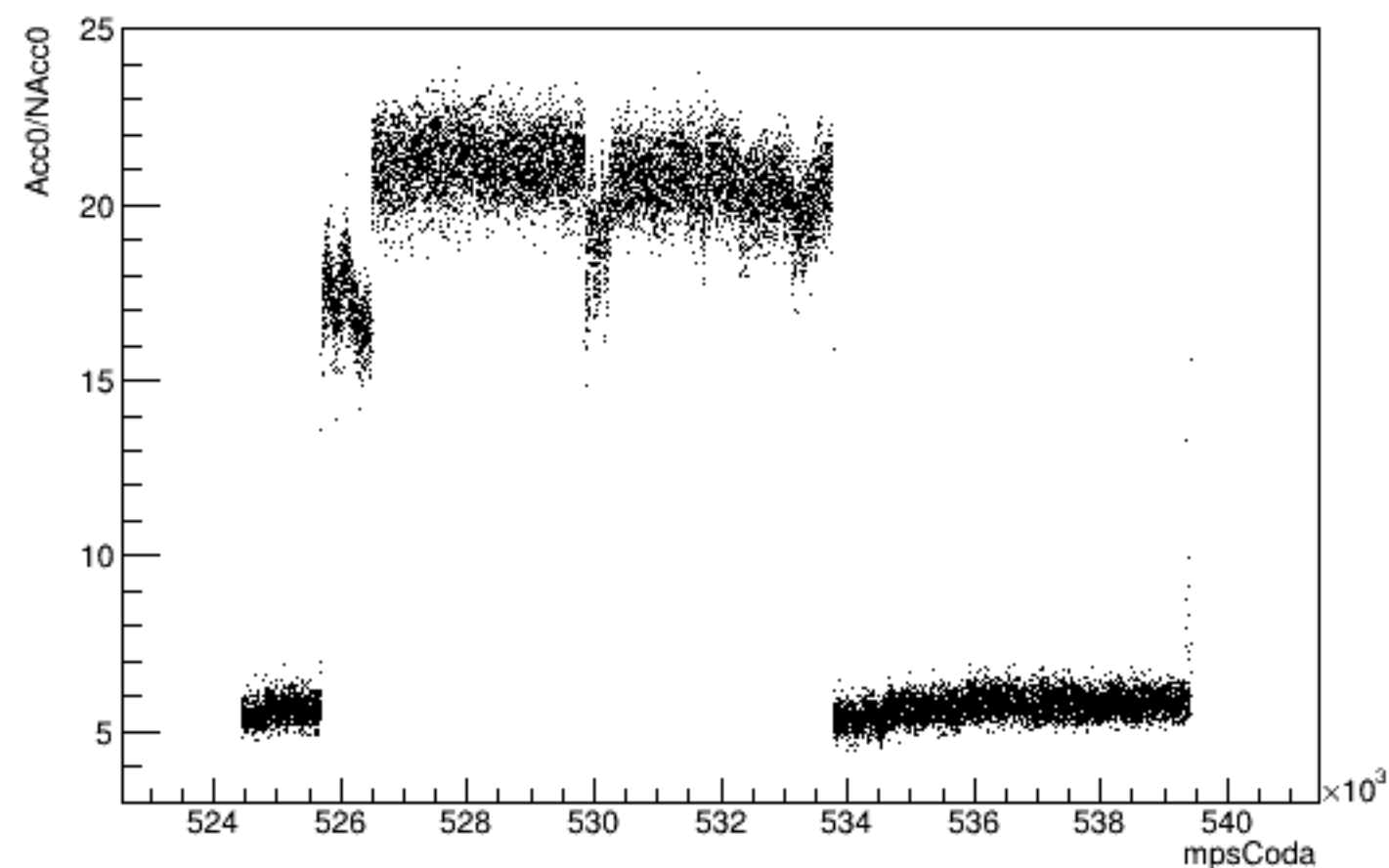
Cycle 12, Asyms

Entries: 315	Entries: 2017	Entries: 1398
Mean: -0.0006 +/- 0.0006	Mean: -0.0316 +/- 0.0005	Mean: -0.0002 +/- 0.0003
Std Dev: 0.0107 +/- 0.0004	Std Dev: 0.0208 +/- 0.0003	Std Dev: 0.0111 +/- 0.0002

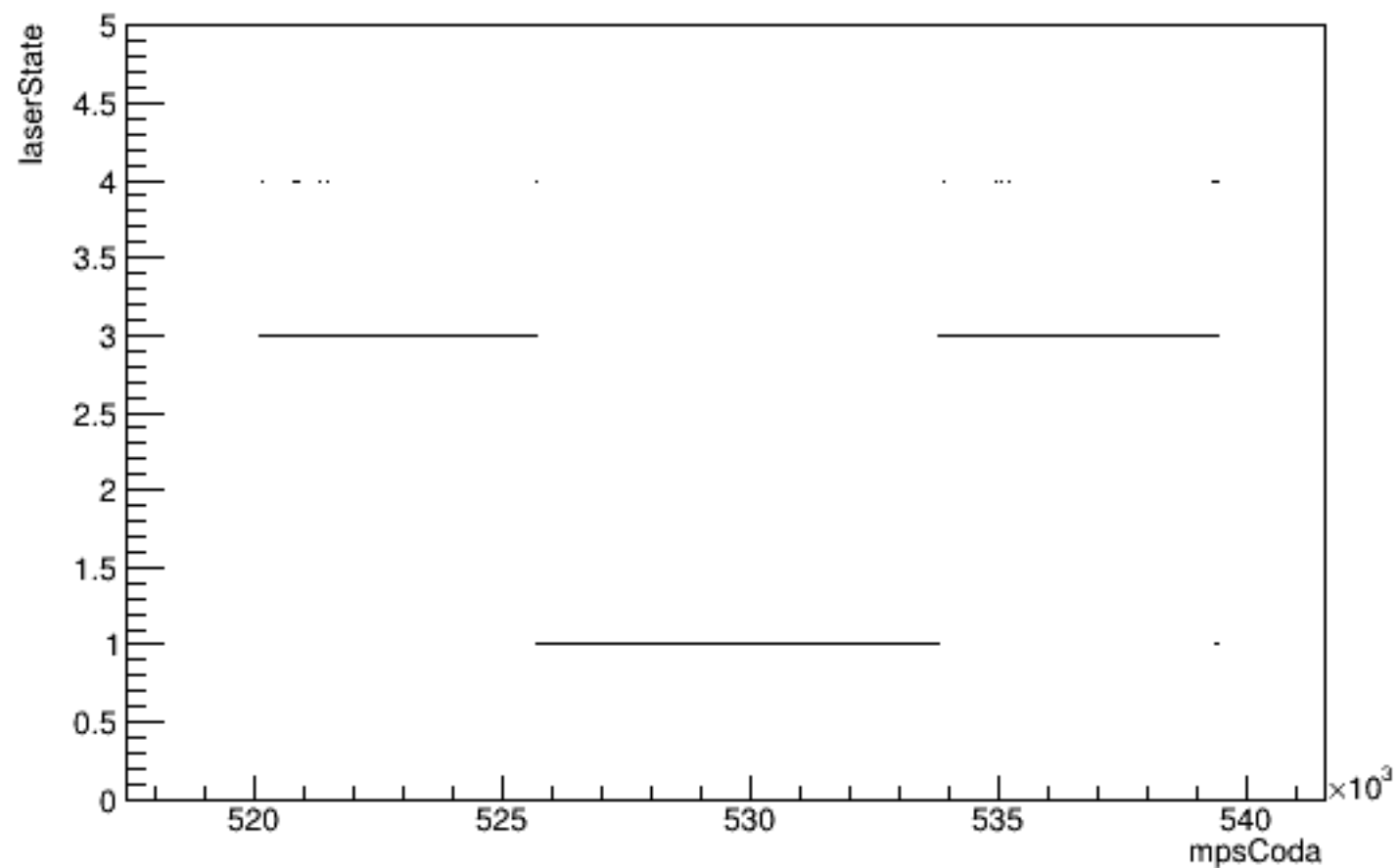
Run 5129 quartetwise, Asyms



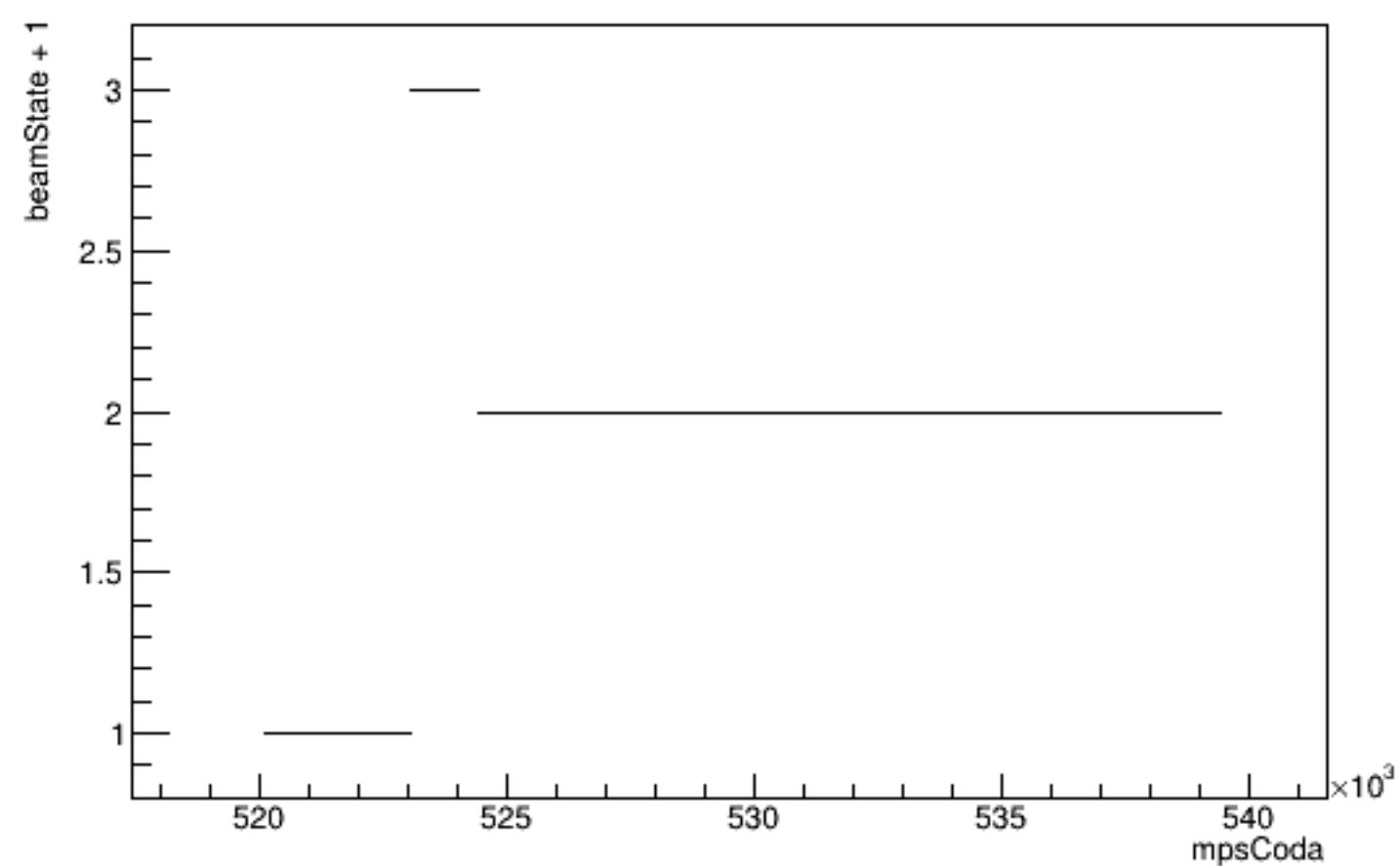
Acc0/NAcc0:mpsCoda (mpsCoda>=520102 && mpsCoda<=539413 && beamState==1)



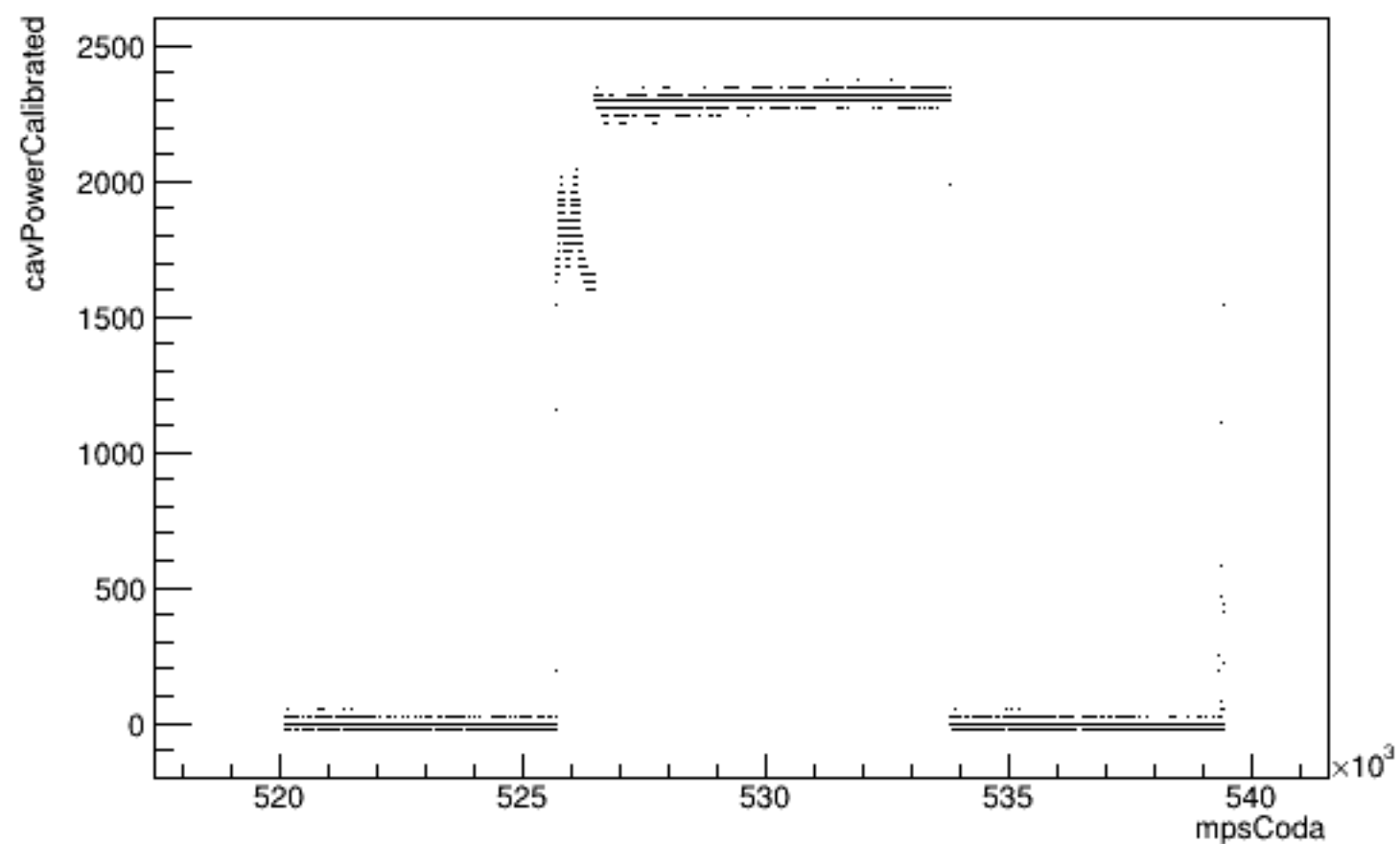
laserState:mpsCoda {mpsCoda>=520102 && mpsCoda<=539413}



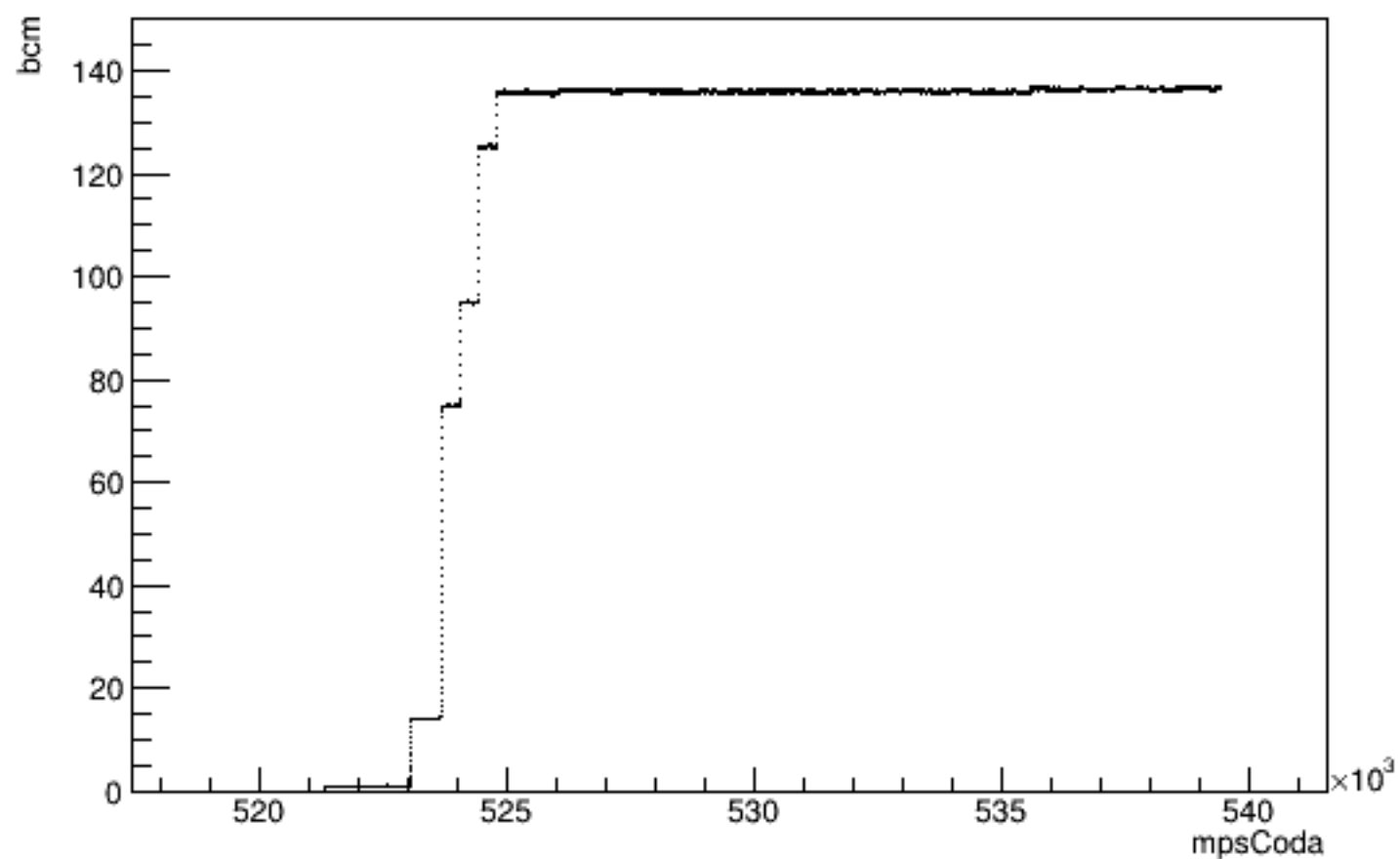
beamState + 1:mpsCoda {mpsCoda>=520102 && mpsCoda<=539413}



cavPowerCalibrated:mpsCoda {mpsCoda>=520102 && mpsCoda<=539413}



bcm:mpsCoda {mpsCoda>=520102 && mpsCoda<=539413}



Cycle 13, Diffs

Entries: 1398

Mean: -0.0052 +/- 0.0088

Std Dev: 0.3288 +/- 0.0062

Entries: 486

Mean: -0.8808 +/- 0.0309

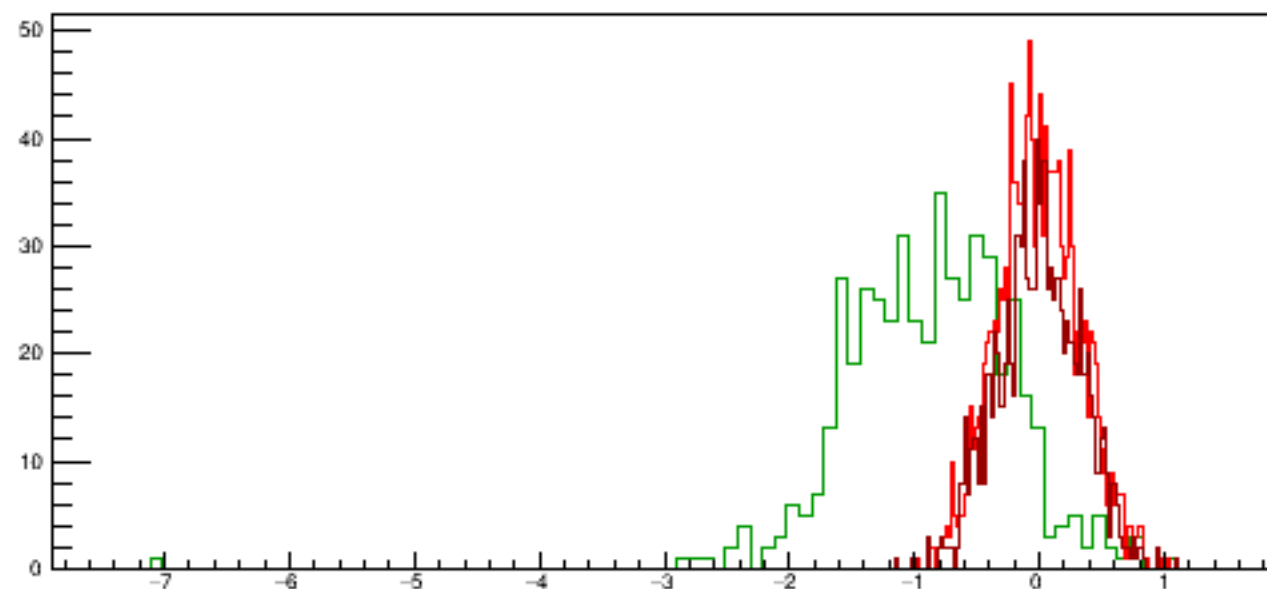
Std Dev: 0.6822 +/- 0.0219

Entries: 963

Mean: -0.0055 +/- 0.0106

Std Dev: 0.3304 +/- 0.0075

Run 5129 quartetwise, Diffs



Cycle 13, Sums

Entries: 1398

Mean: 11.4424 +/- 0.0119

Std Dev: 0.4439 +/- 0.0084

Entries: 486

Mean: 39.6305 +/- 0.1660

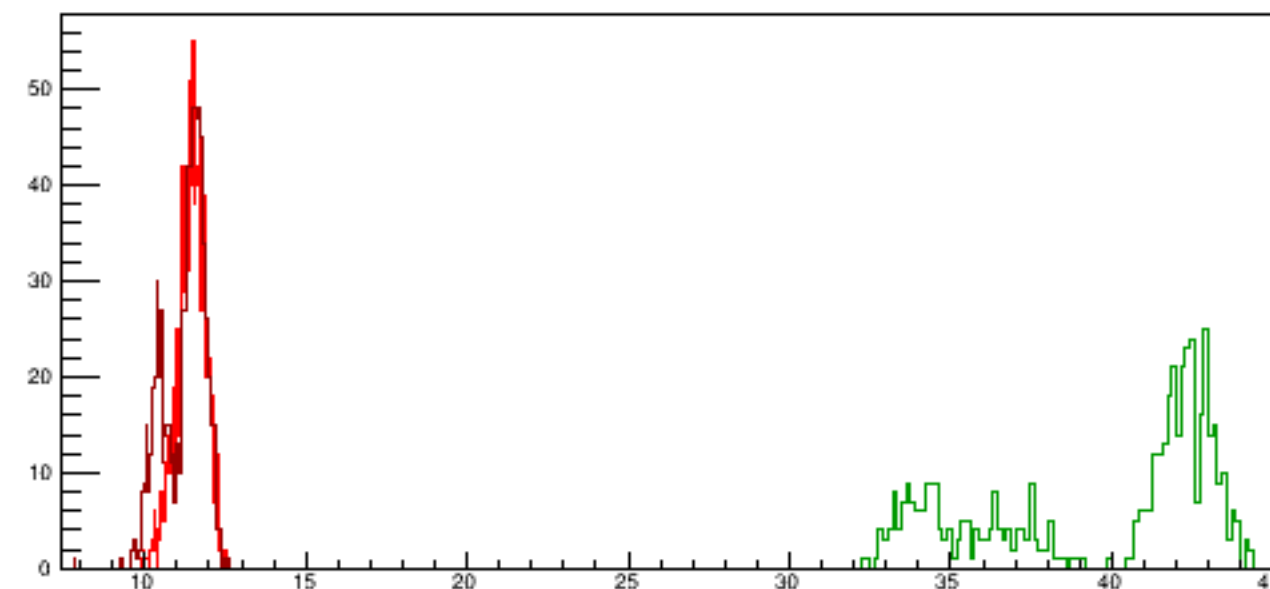
Std Dev: 3.6591 +/- 0.1174

Entries: 963

Mean: 11.2459 +/- 0.0206

Std Dev: 0.6392 +/- 0.0146

Run 5129 quartetwise, Sums



Cycle 13, Asyms

Entries: 1398

Mean: -0.0002 +/- 0.0003

Std Dev: 0.0116 +/- 0.0002

Entries: 486

Mean: -0.0311 +/- 0.0011

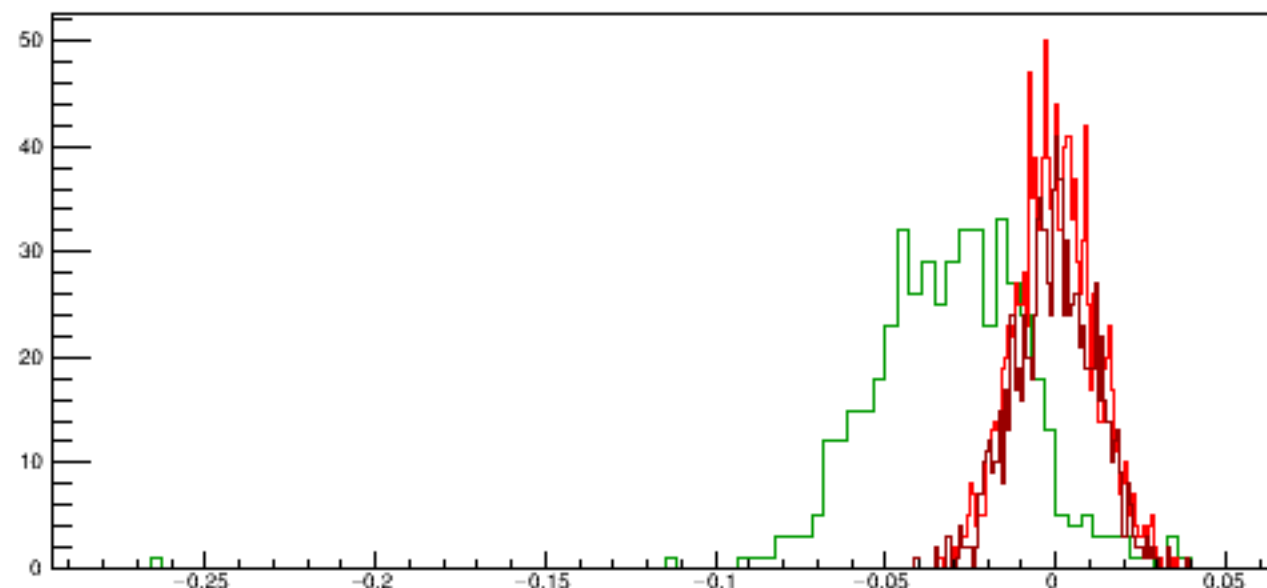
Std Dev: 0.0245 +/- 0.0008

Entries: 963

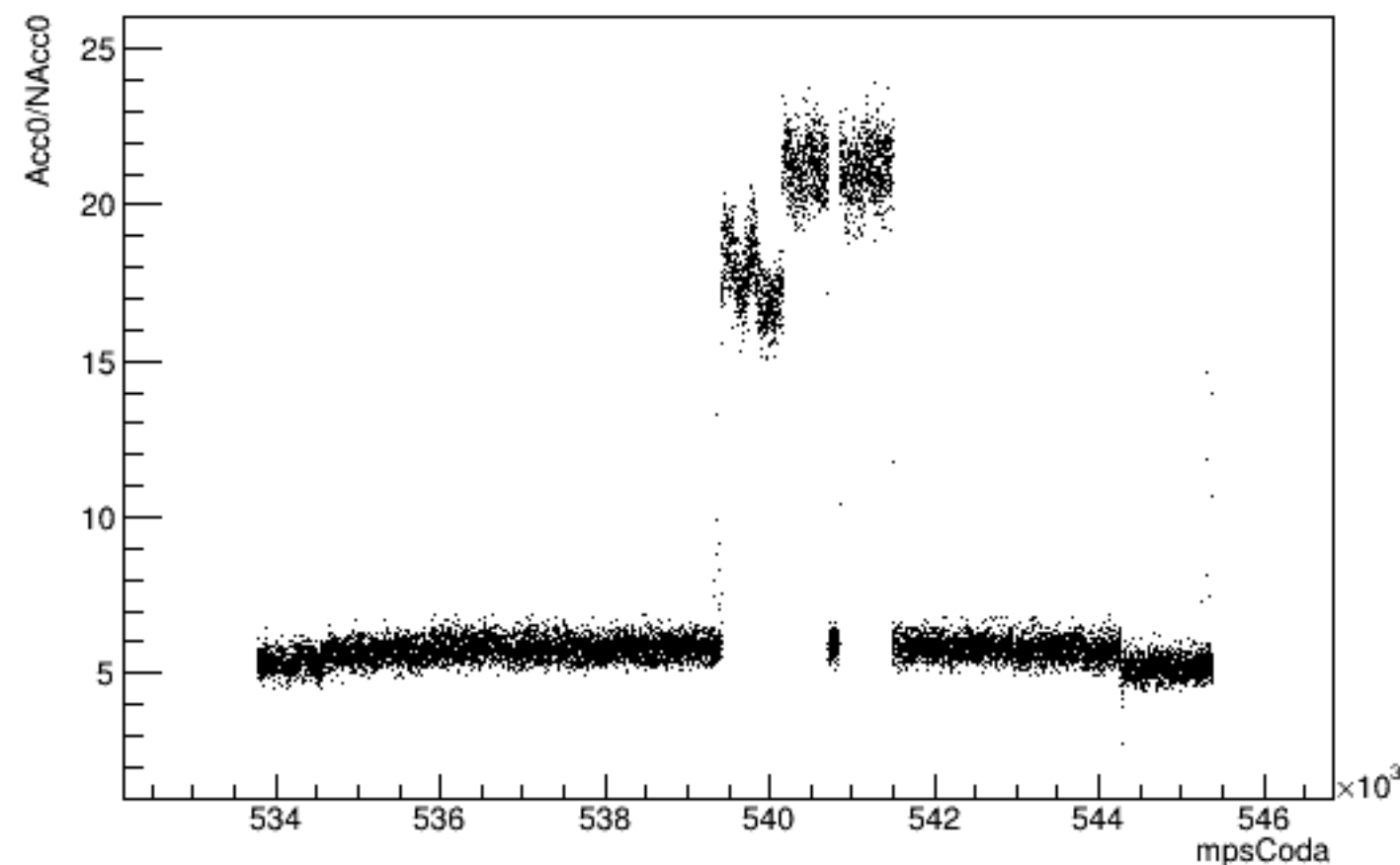
Mean: -0.0002 +/- 0.0004

Std Dev: 0.0117 +/- 0.0003

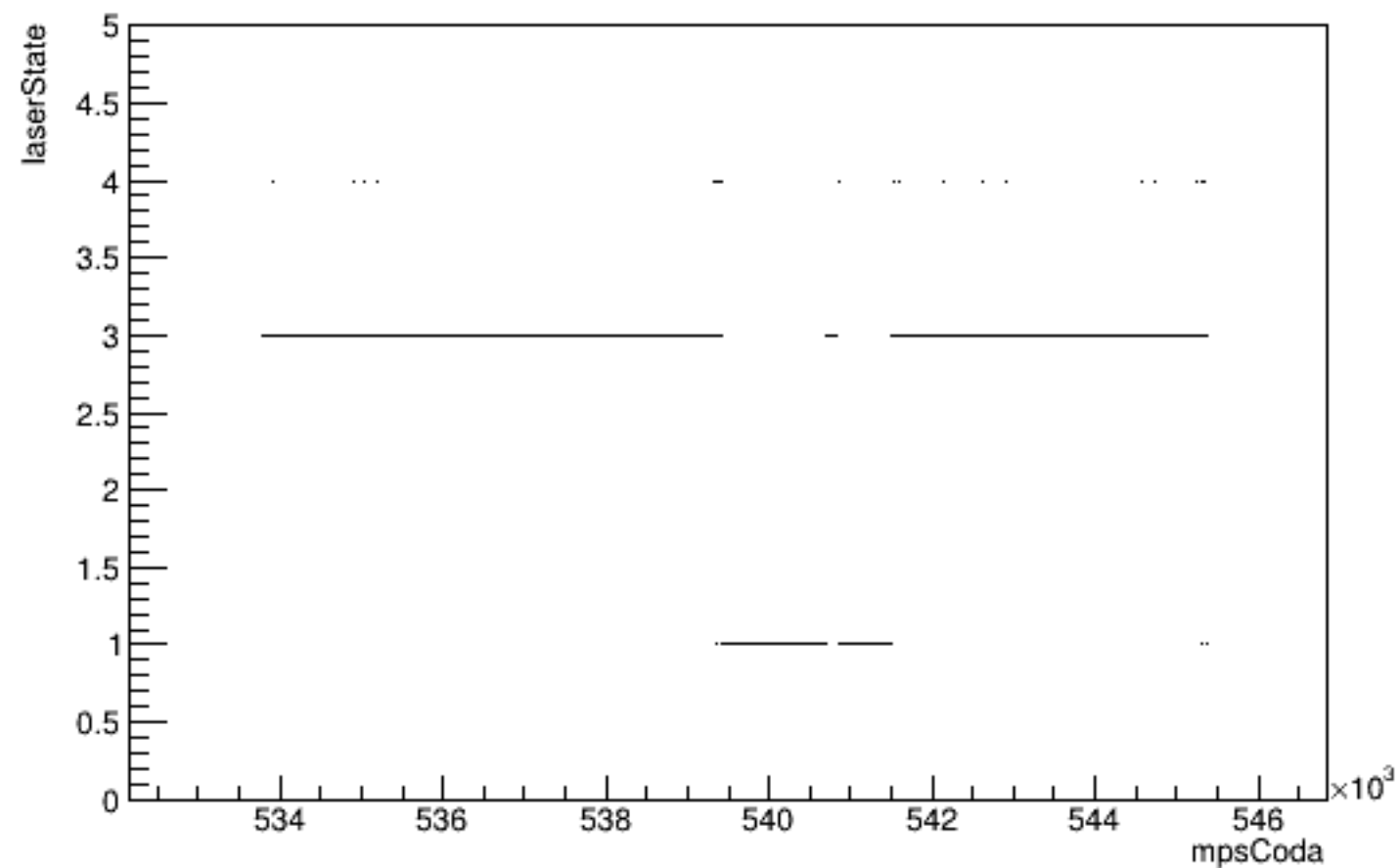
Run 5129 quartetwise, Asyms



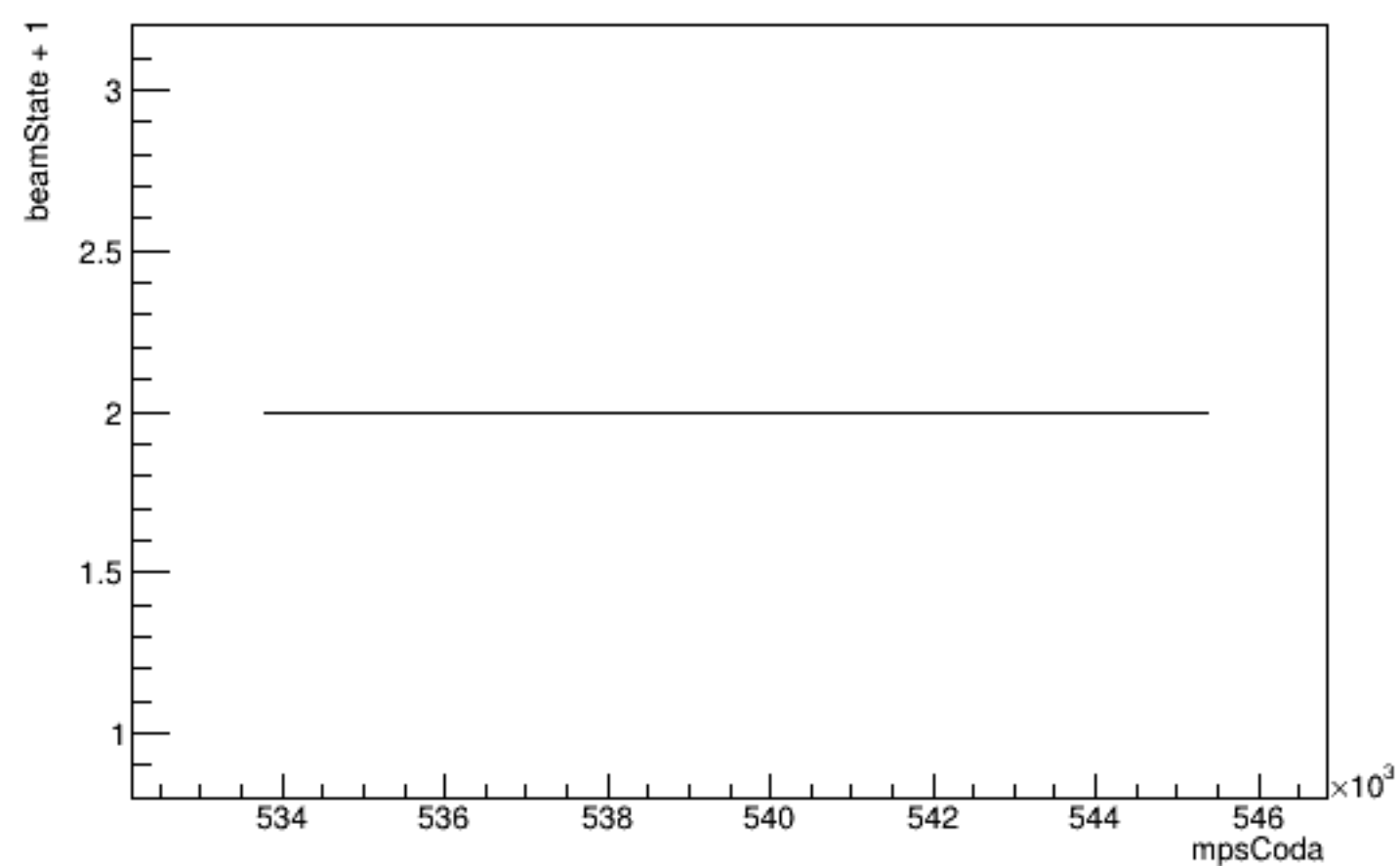
Acc0/NAcc0:mpsCoda (mpsCoda>=533774 && mpsCoda<=545389 && beamState==1)



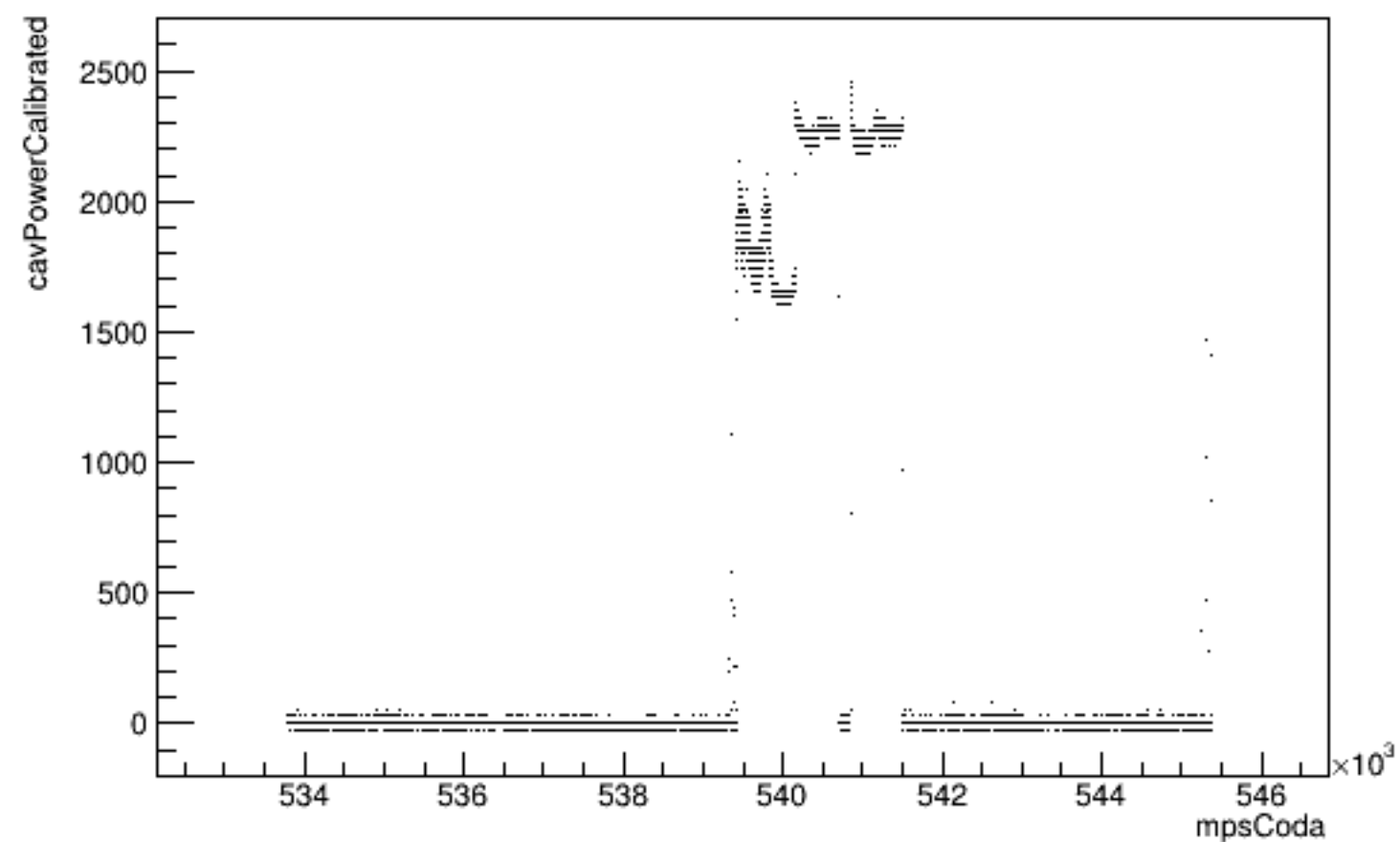
laserState:mpsCoda {mpsCoda>=533774 && mpsCoda<=545389}



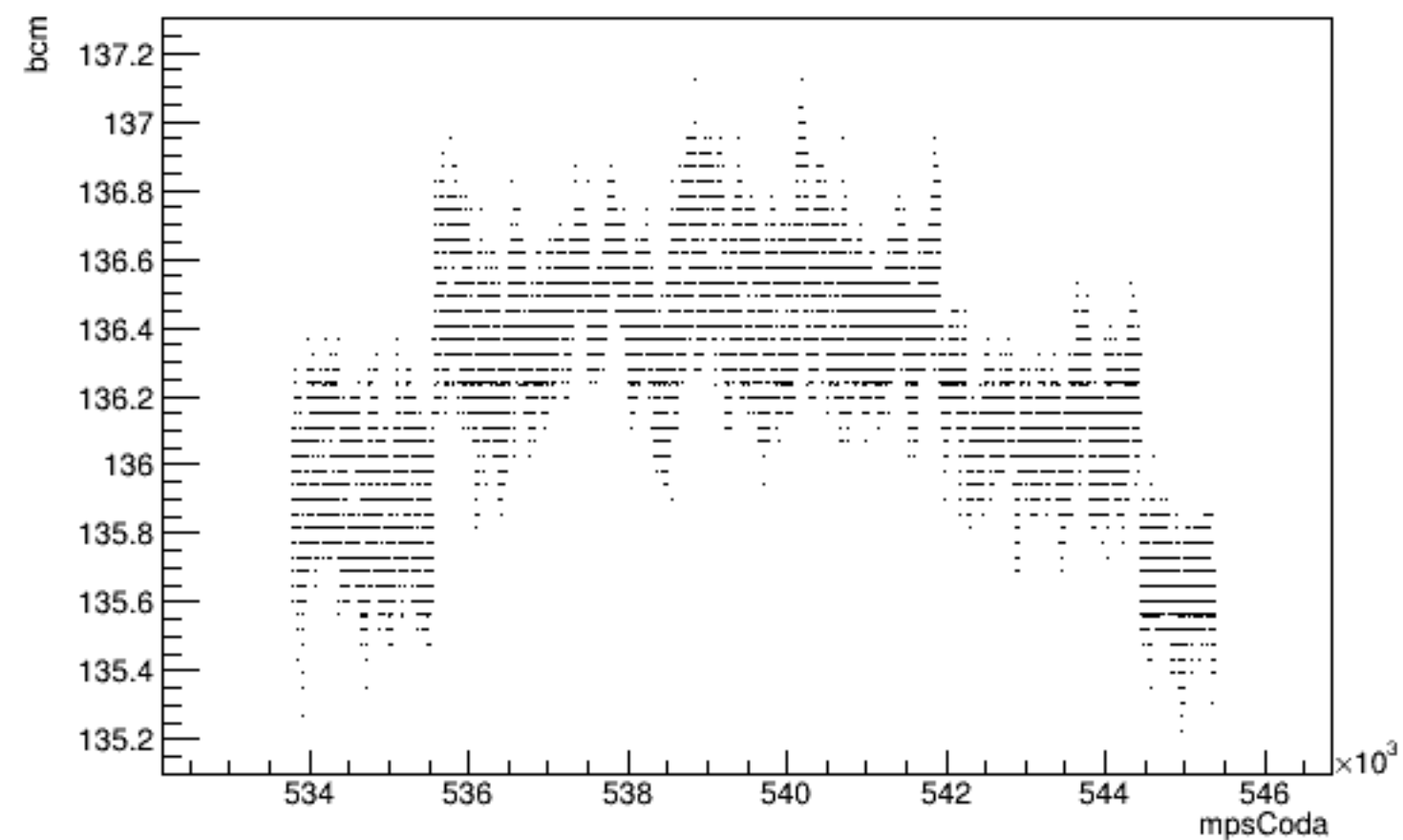
beamState + 1:mpsCoda {mpsCoda>=533774 && mpsCoda<=545389}



cavPowerCalibrated:mpsCoda {mpsCoda>=533774 && mpsCoda<=545389}



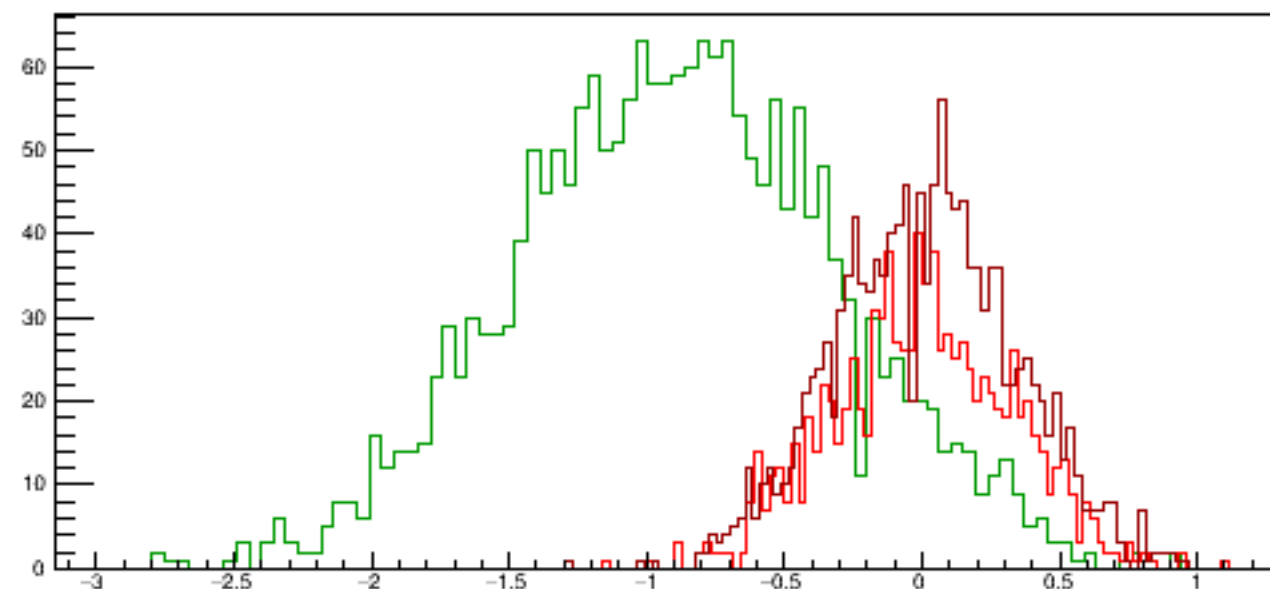
bcm:mpsCoda {mpsCoda>=533774 && mpsCoda<=545389}



Cycle 14, Diffs

Entries: 963	Entries: 2019	Entries: 1382
Mean: -0.0055 +/- 0.0106	Mean: -0.8935 +/- 0.0130	Mean: 0.0126 +/- 0.0089
Std Dev: 0.3304 +/- 0.0075	Std Dev: 0.5830 +/- 0.0092	Std Dev: 0.3300 +/- 0.0063

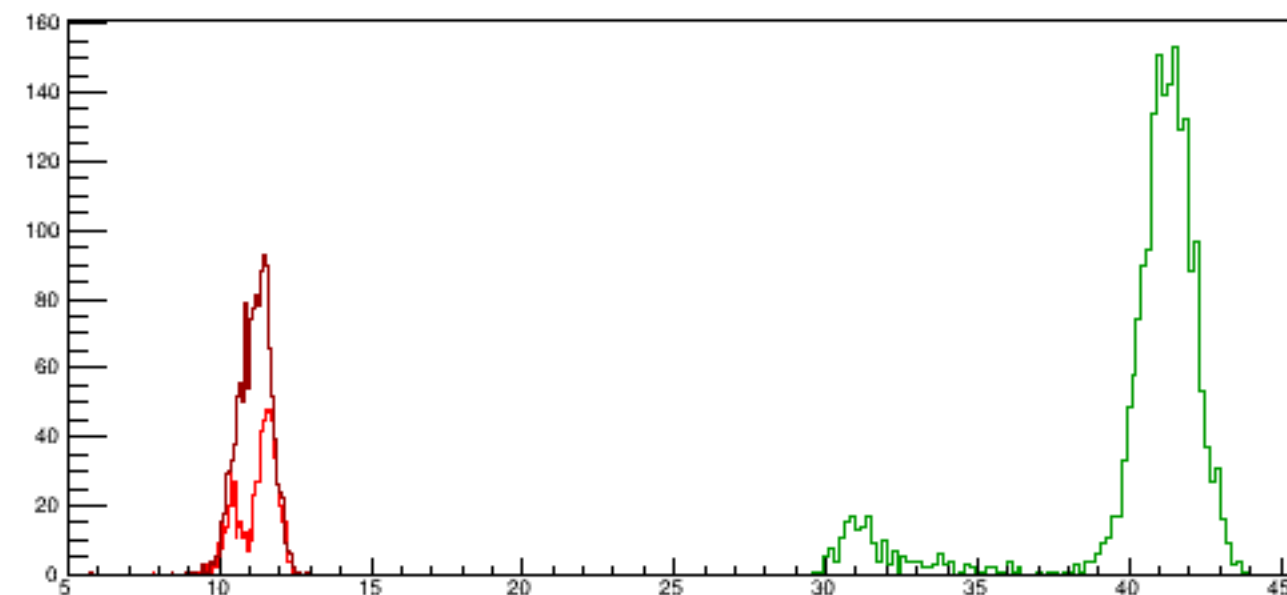
Run 5129 quartetwise, Diffs



Cycle 14, Sums

Entries: 963	Entries: 2019	Entries: 1382
Mean: 11.2459 +/- 0.0206	Mean: 40.3442 +/- 0.0651	Mean: 11.1409 +/- 0.0153
Std Dev: 0.6392 +/- 0.0146	Std Dev: 2.9272 +/- 0.0461	Std Dev: 0.5695 +/- 0.0108

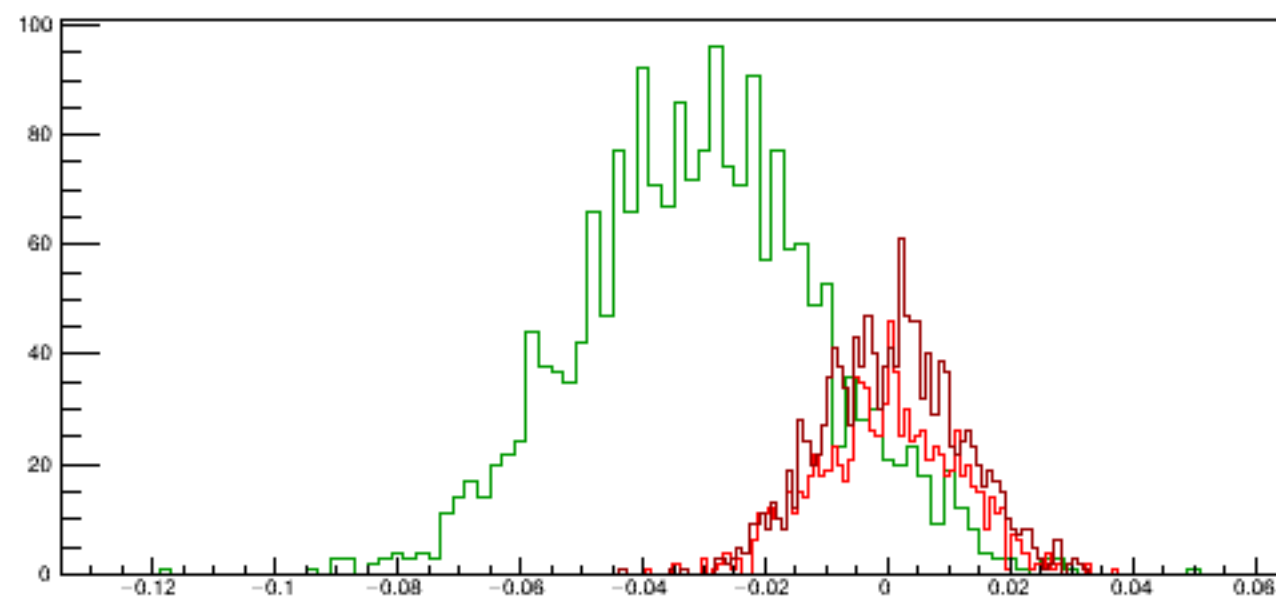
Run 5129 quartetwise, Sums



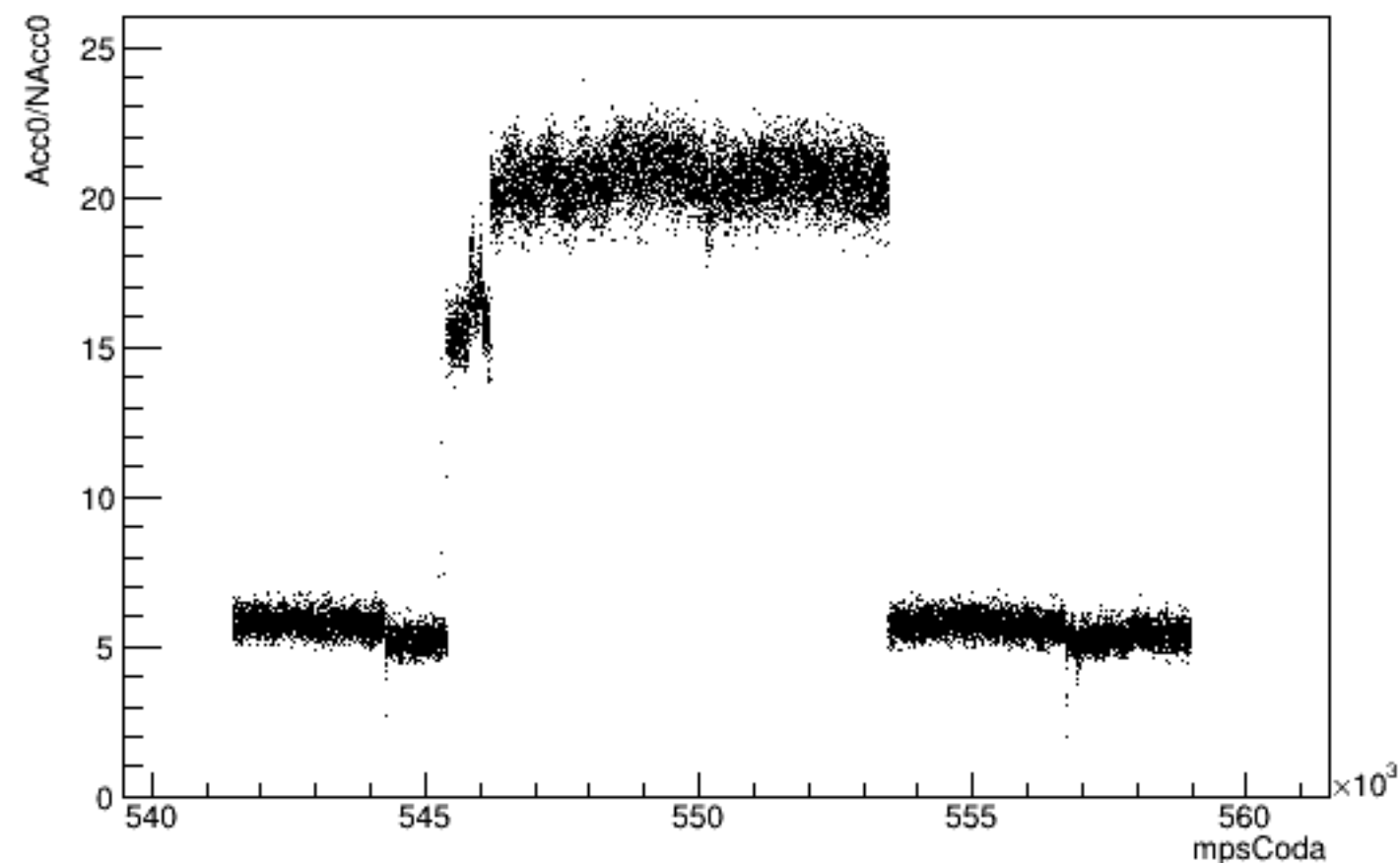
Cycle 14, Asyms

Entries: 963	Entries: 2019	Entries: 1382
Mean: -0.0002 +/- 0.0004	Mean: -0.0306 +/- 0.0004	Mean: 0.0004 +/- 0.0003
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0200 +/- 0.0003	Std Dev: 0.0113 +/- 0.0002

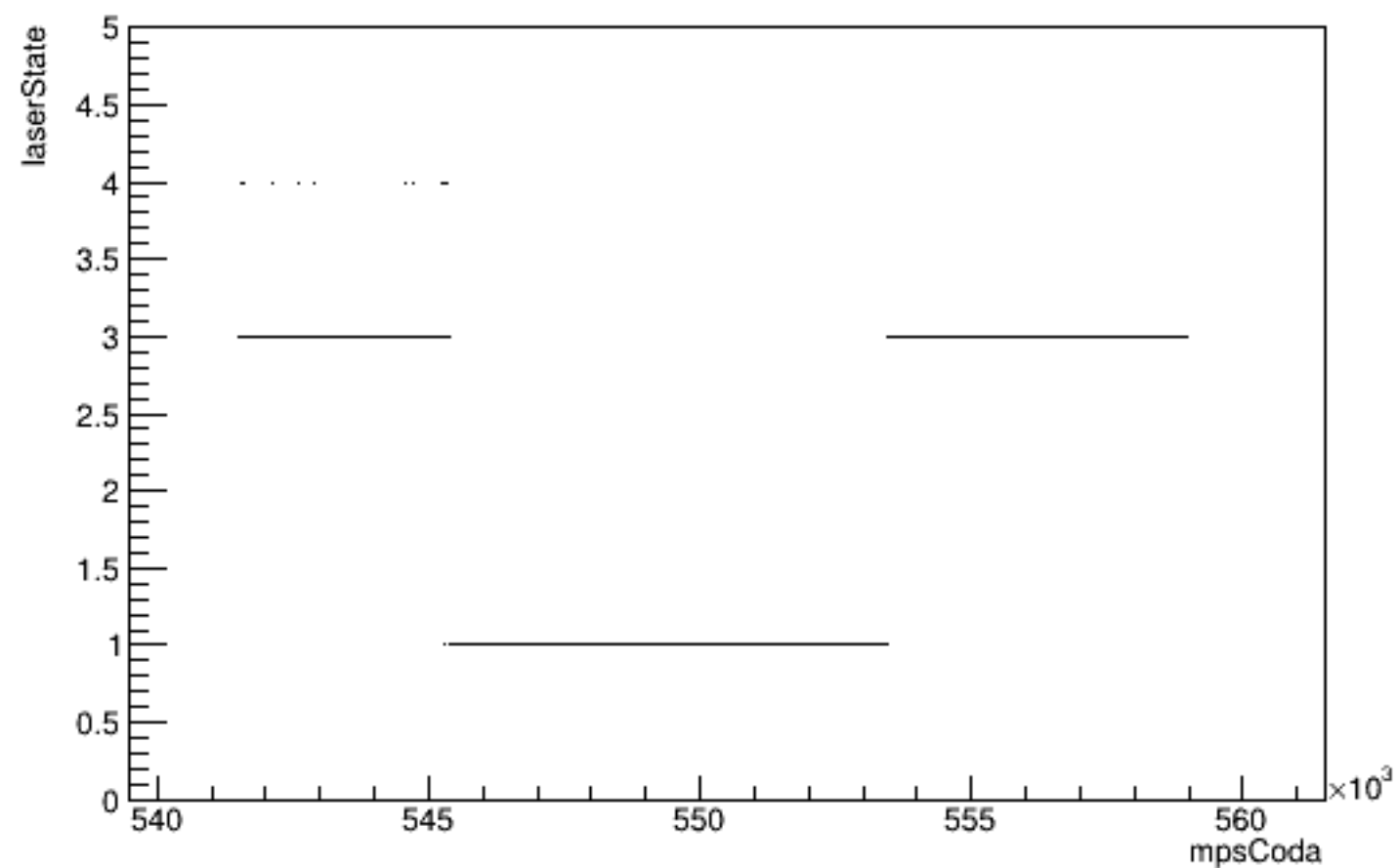
Run 5129 quartetwise, Asyms



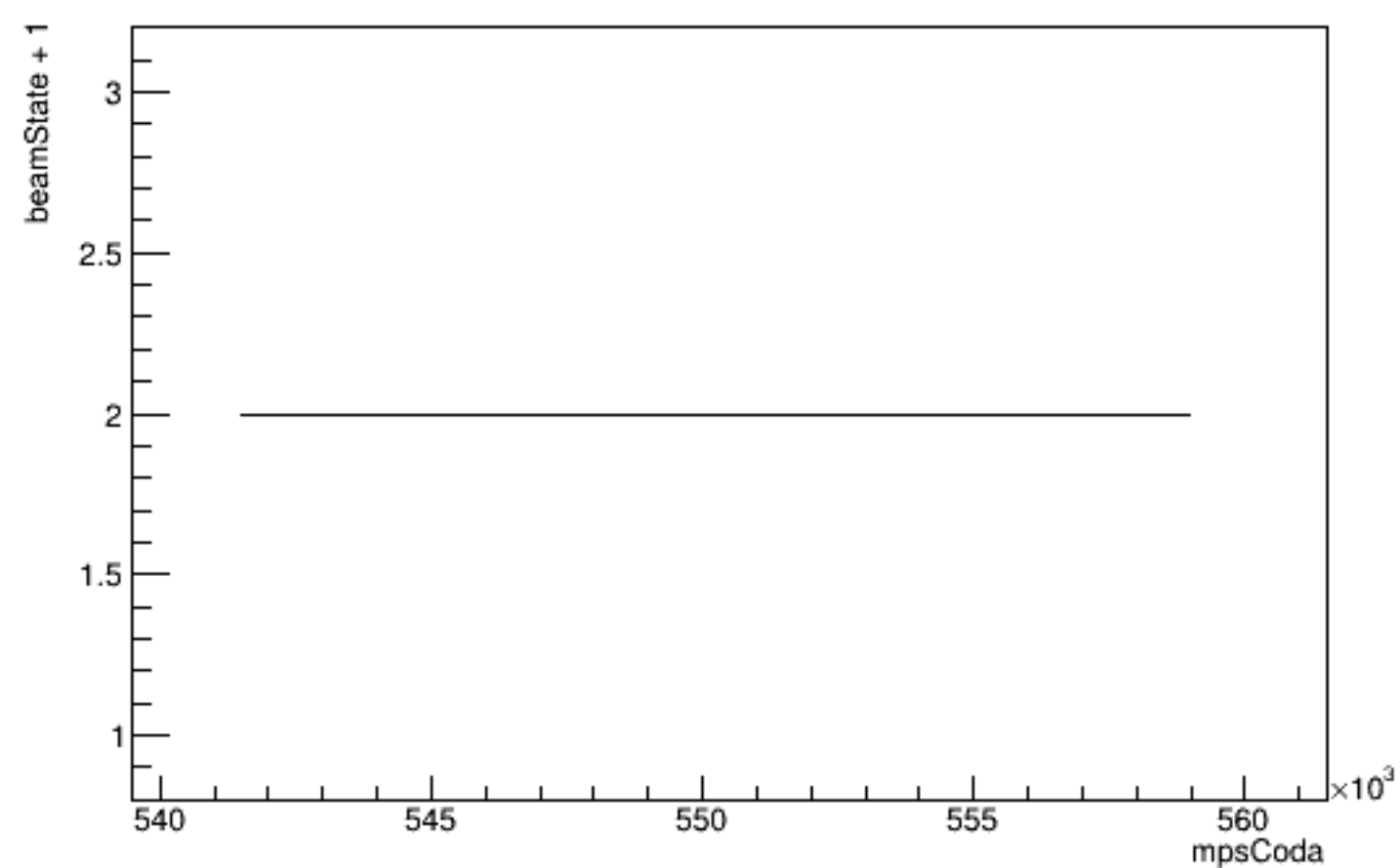
Acc0/NAcc0:mpsCoda (mpsCoda>=541494 && mpsCoda<=558993 && beamState==1)



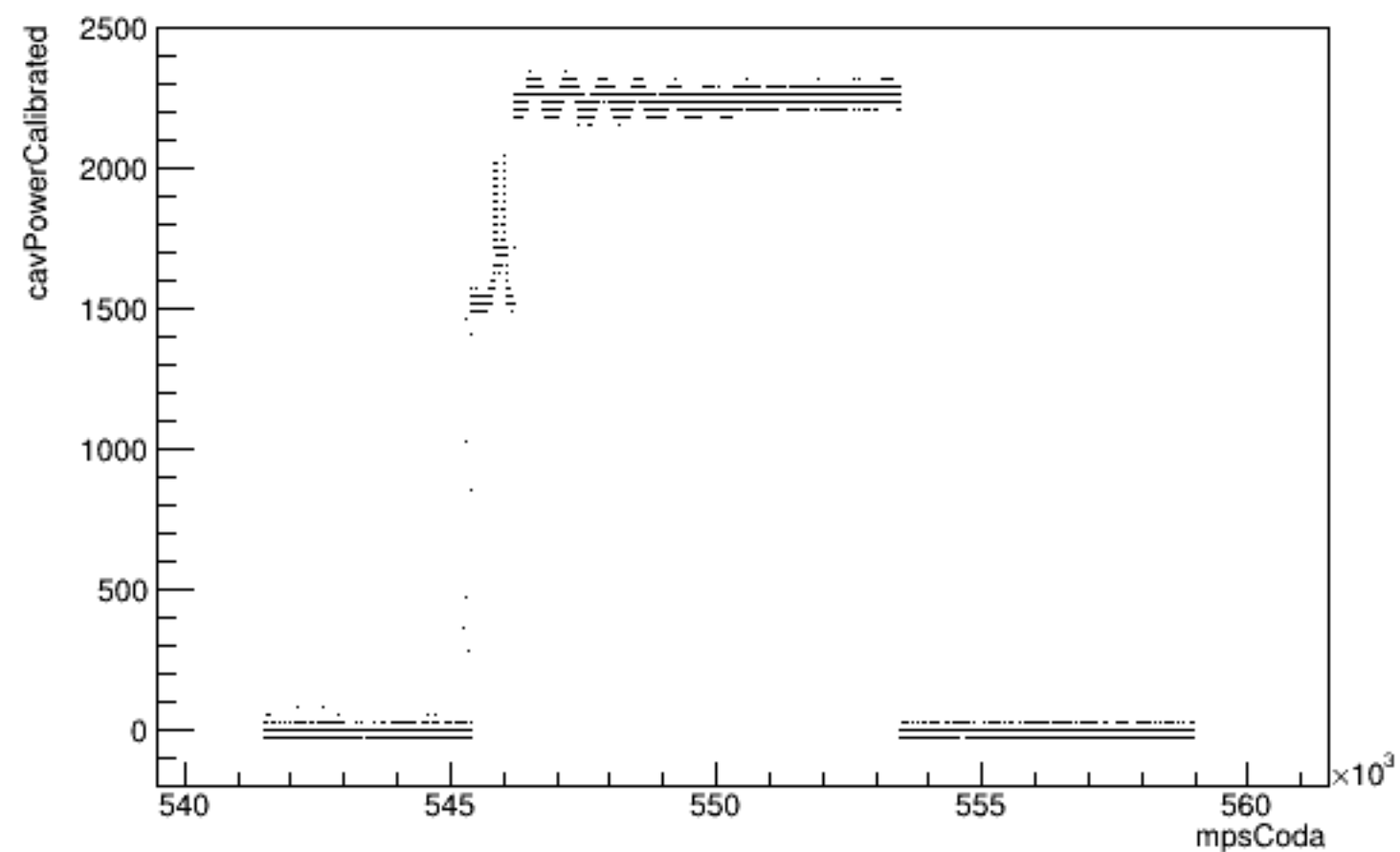
laserState:mpsCoda {mpsCoda>=541494 && mpsCoda<=558993}



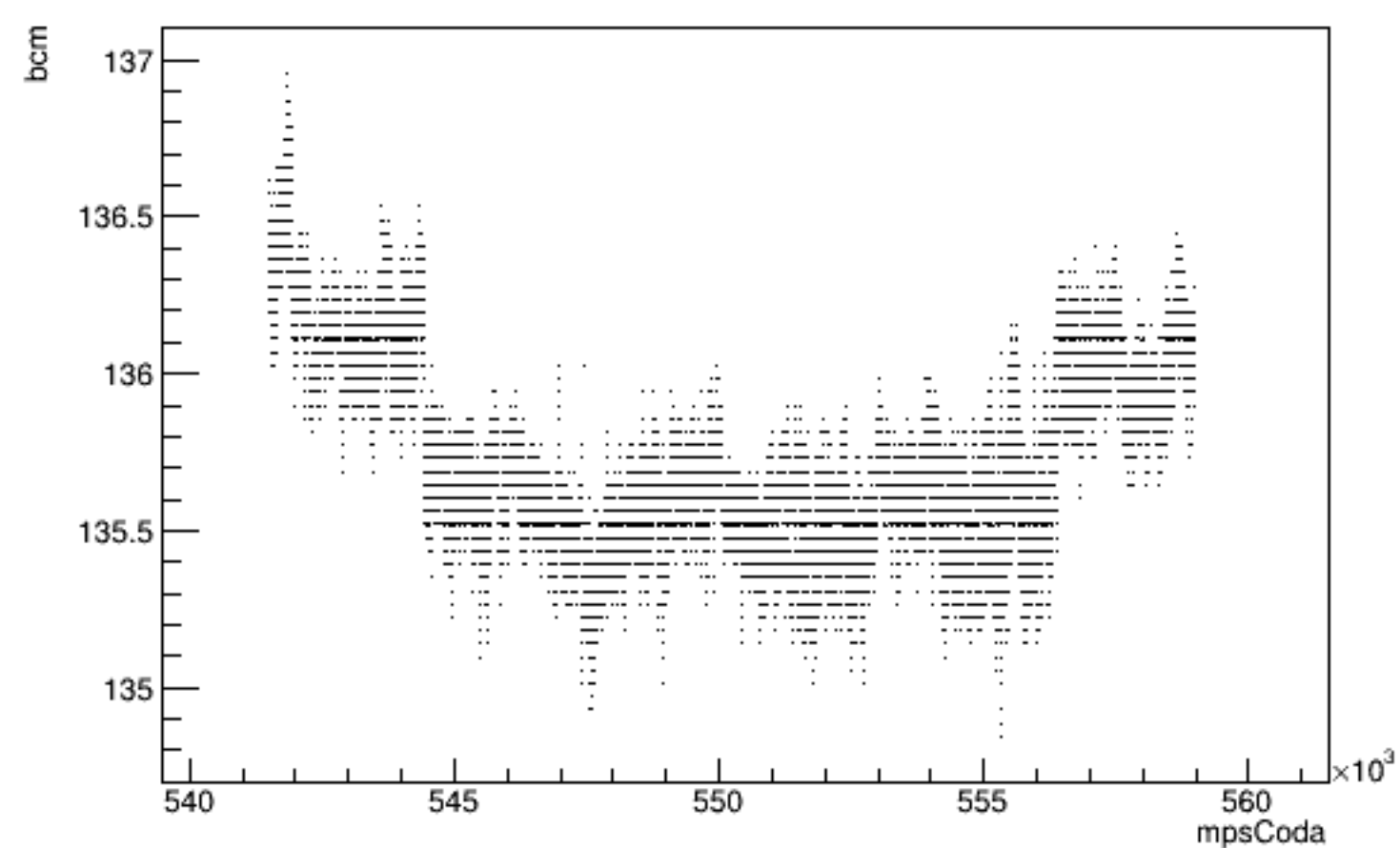
beamState + 1:mpsCoda {mpsCoda>=541494 && mpsCoda<=558993}



cavPowerCalibrated:mpsCoda {mpsCoda>=541494 && mpsCoda<=558993}



bcm:mpsCoda {mpsCoda>=541494 && mpsCoda<=558993}



Cycle 15, Diffs

Entries: 1314

Mean: 0.0011 +/- 0.0087

Std Dev: 0.3137 +/- 0.0061

Entries: 728

Mean: -0.8486 +/- 0.0241

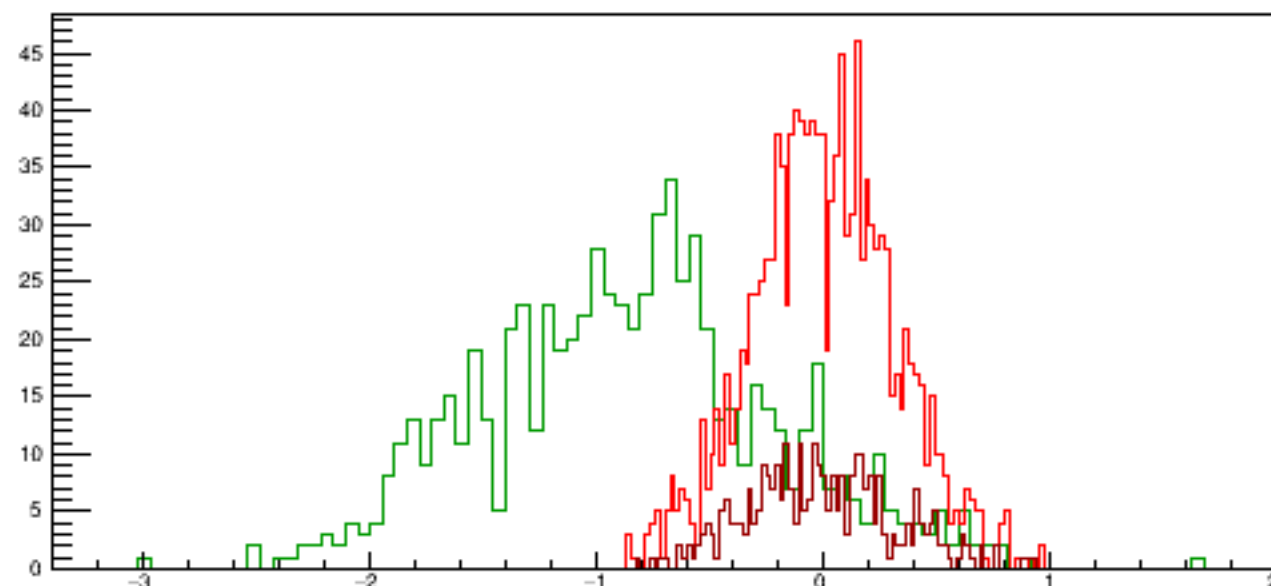
Std Dev: 0.6498 +/- 0.0170

Entries: 319

Mean: -0.0080 +/- 0.0182

Std Dev: 0.3254 +/- 0.0129

Run 5129 quartetwise, Diffs



Cycle 15, Sums

Entries: 1314

Mean: 9.5082 +/- 0.0141

Std Dev: 0.5111 +/- 0.0100

Entries: 728

Mean: 37.5426 +/- 0.1300

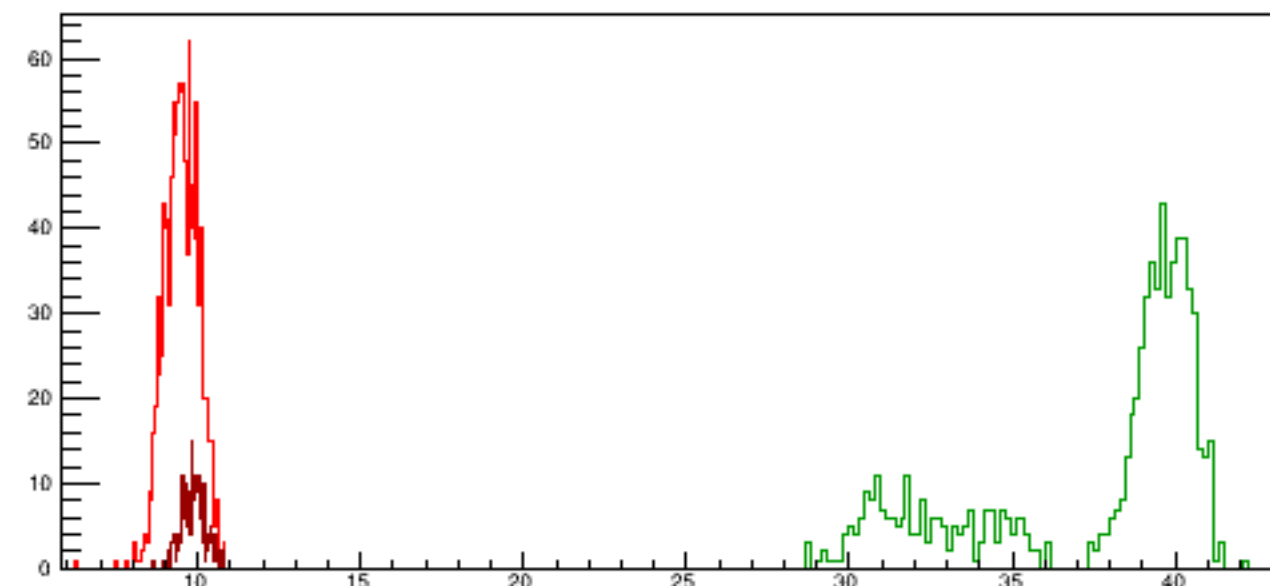
Std Dev: 3.5089 +/- 0.0920

Entries: 319

Mean: 9.8799 +/- 0.0208

Std Dev: 0.3716 +/- 0.0147

Run 5129 quartetwise, Sums



Cycle 15, Asyms

Entries: 1314

Mean: 0.0000 +/- 0.0003

Std Dev: 0.0113 +/- 0.0002

Entries: 728

Mean: -0.0305 +/- 0.0009

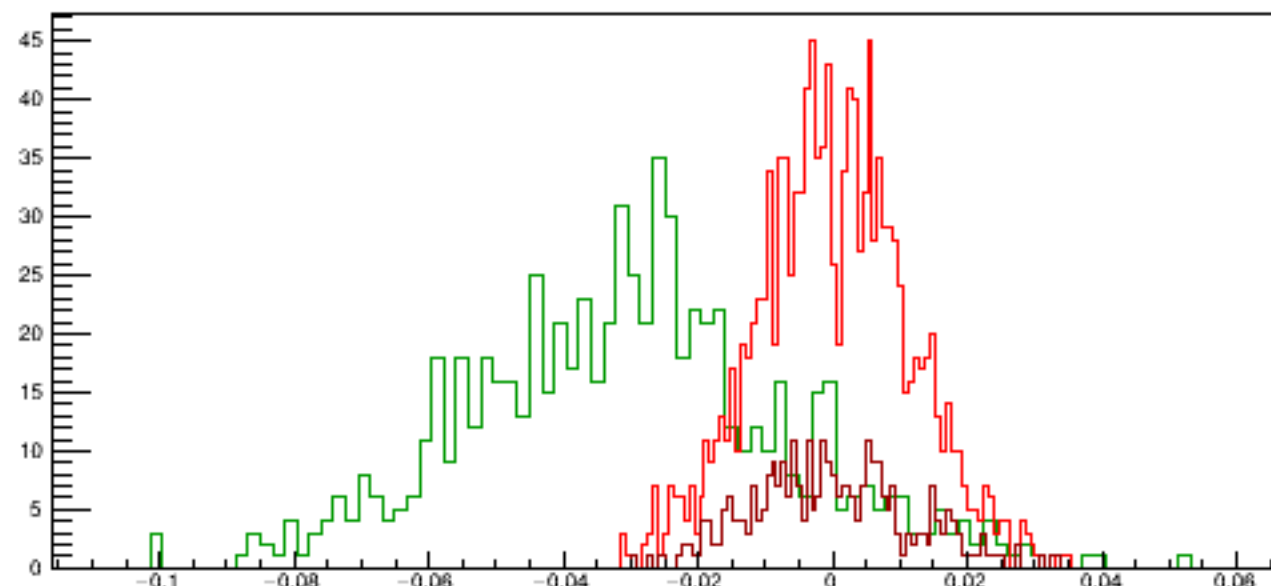
Std Dev: 0.0237 +/- 0.0006

Entries: 319

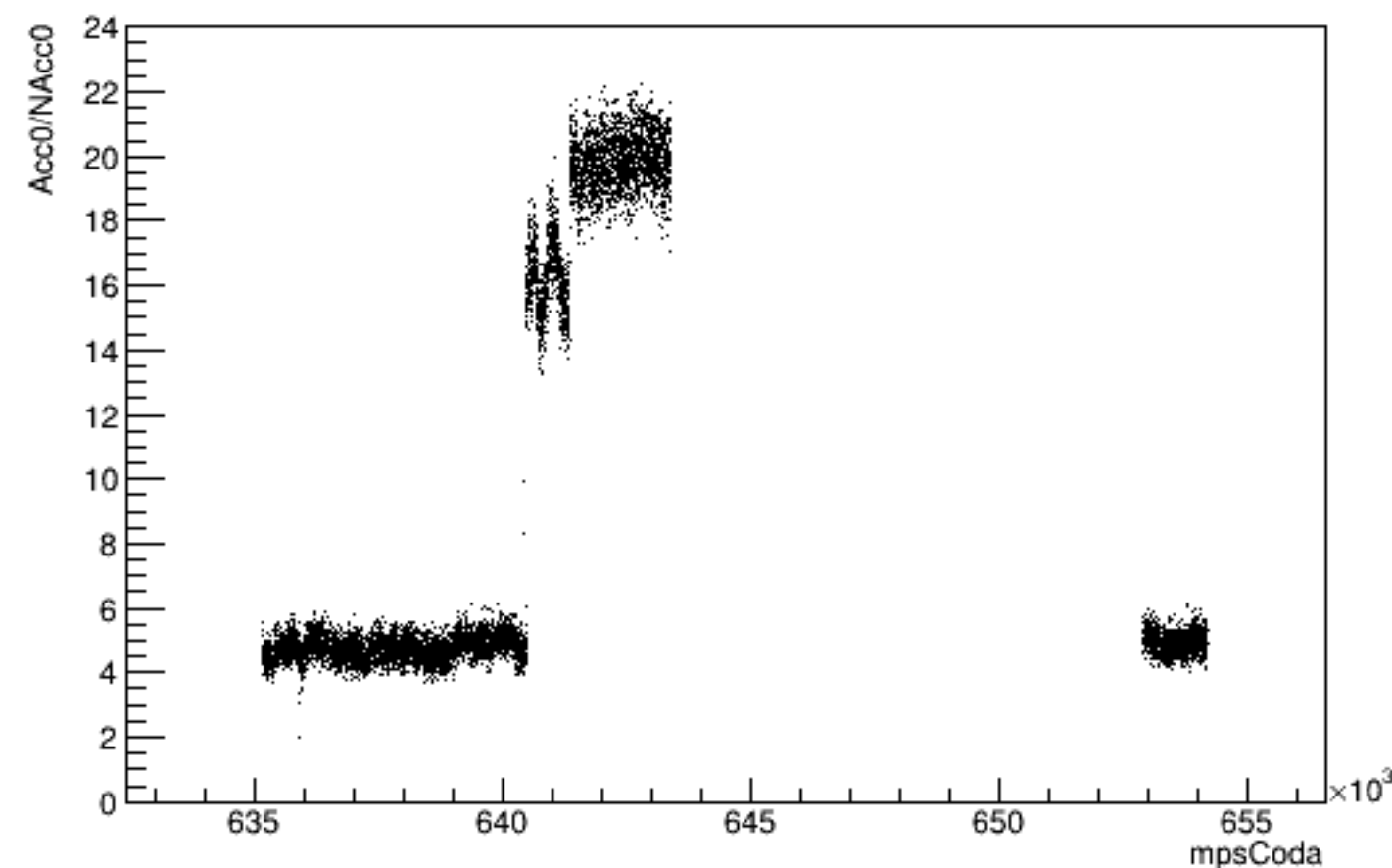
Mean: -0.0003 +/- 0.0007

Std Dev: 0.0117 +/- 0.0005

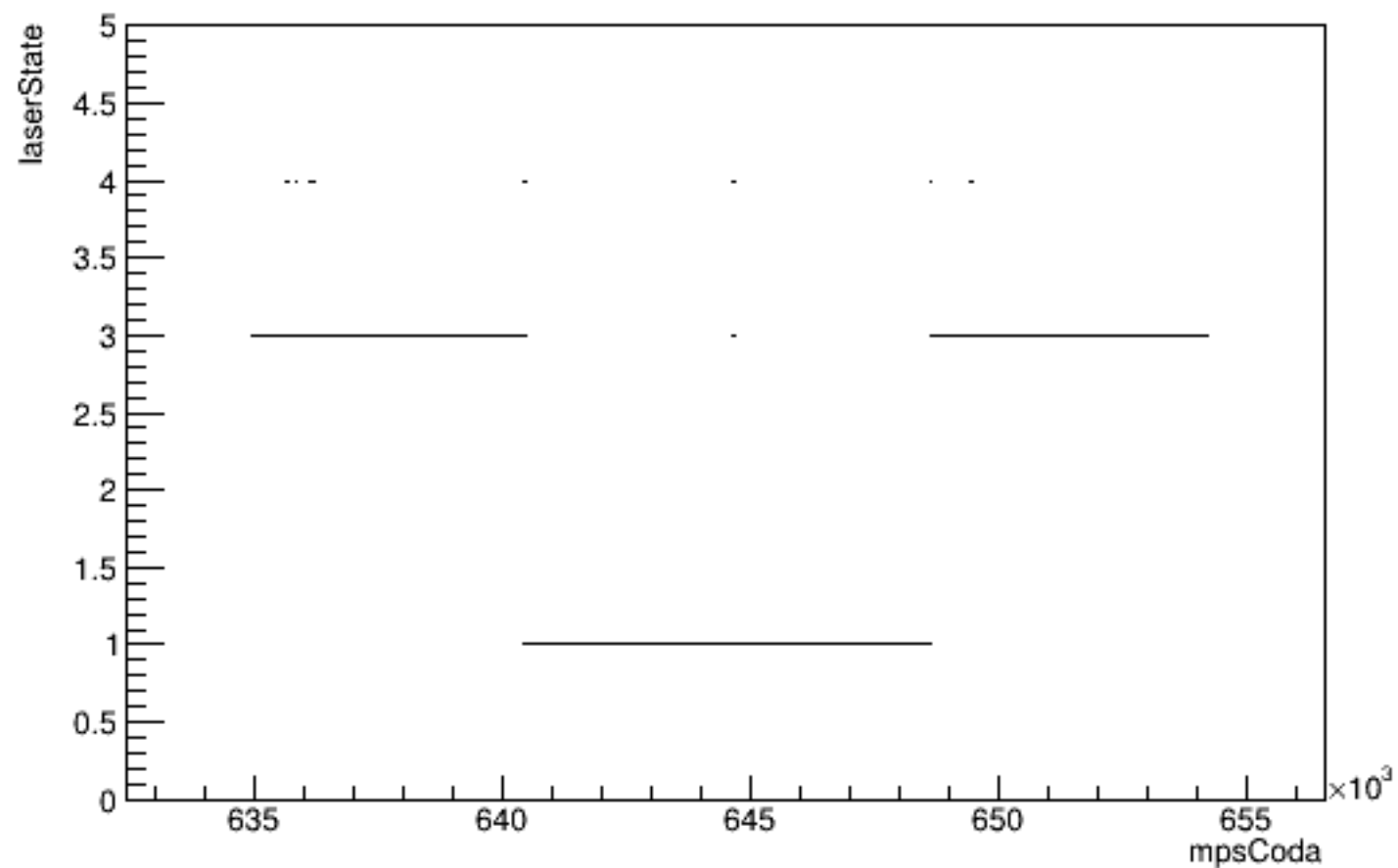
Run 5129 quartetwise, Asyms



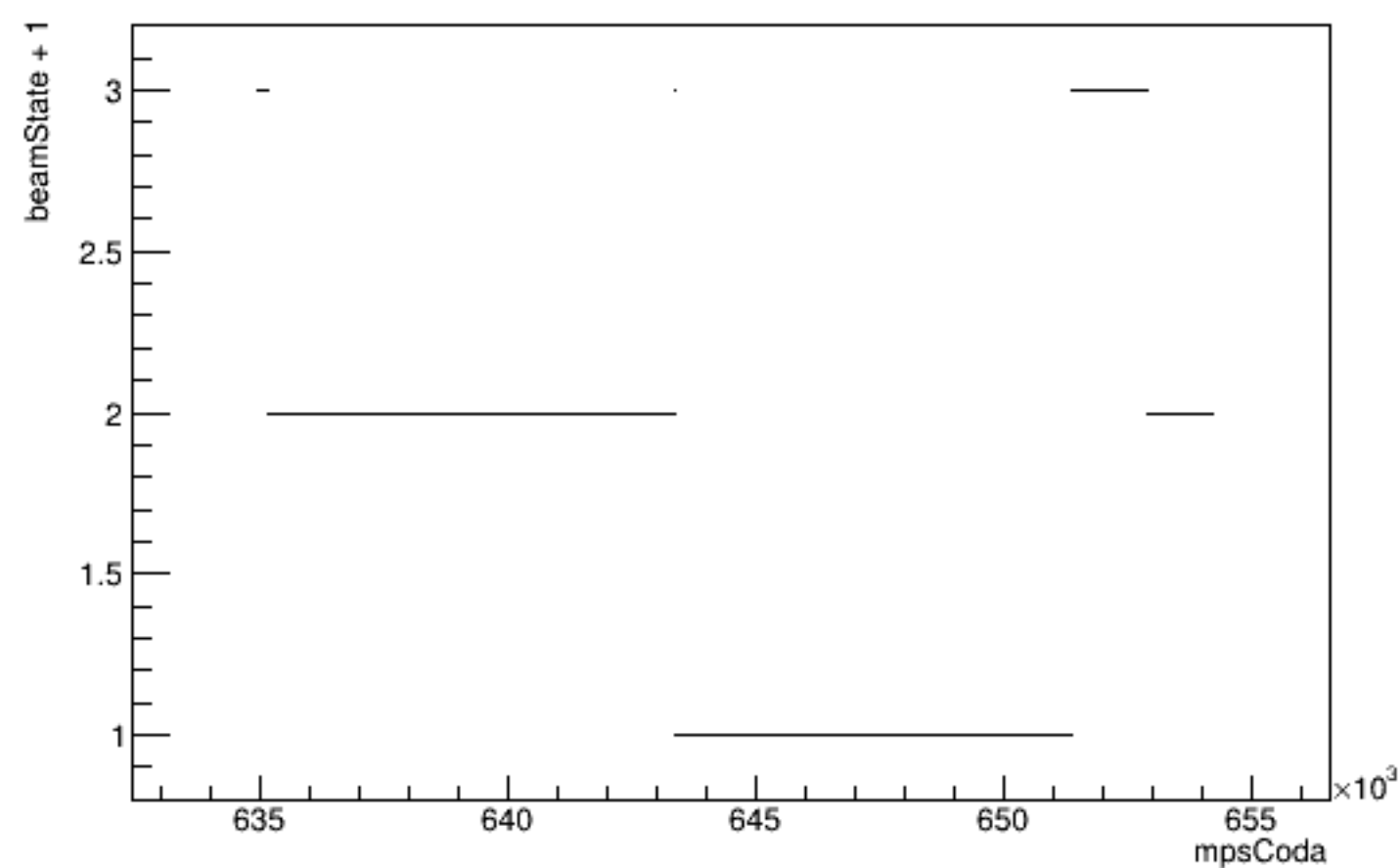
Acc0/NAcc0:mpsCoda (mpsCoda>=634962 && mpsCoda<=654177 && beamState==1)



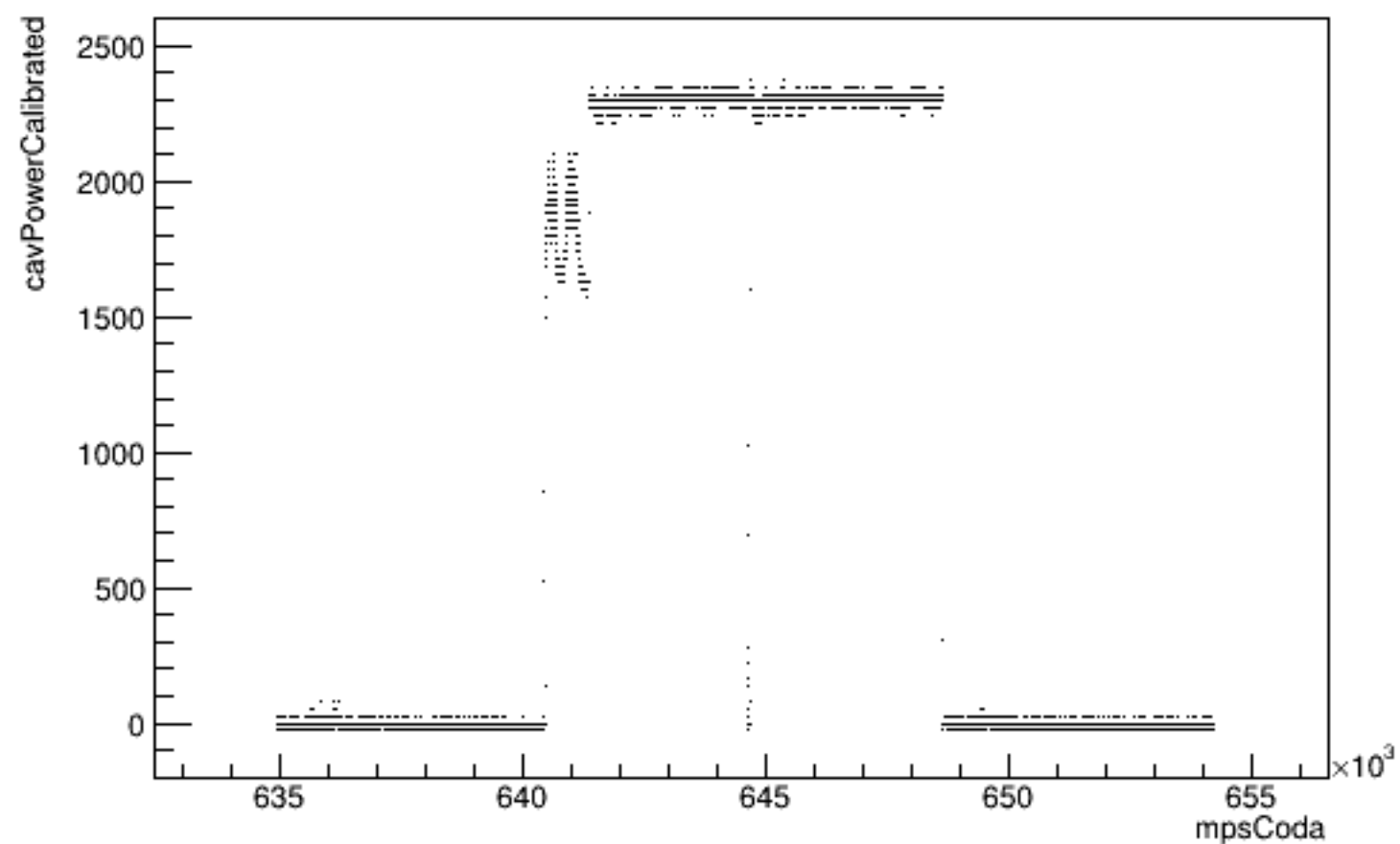
laserState:mpsCoda {mpsCoda>=634962 && mpsCoda<=654177}



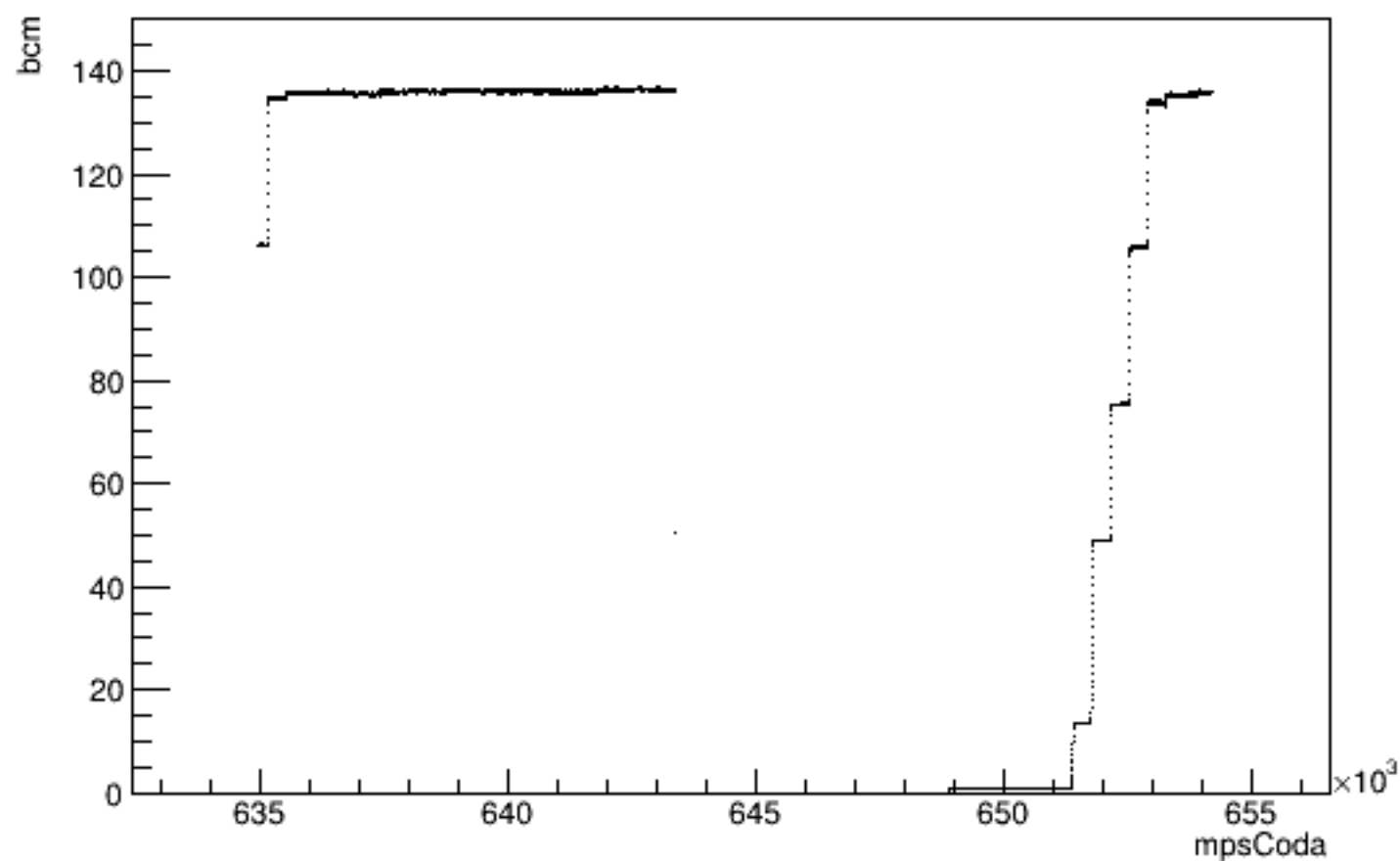
beamState + 1:mpsCoda {mpsCoda>=634962 && mpsCoda<=654177}



cavPowerCalibrated:mpsCoda {mpsCoda>=634962 && mpsCoda<=654177}



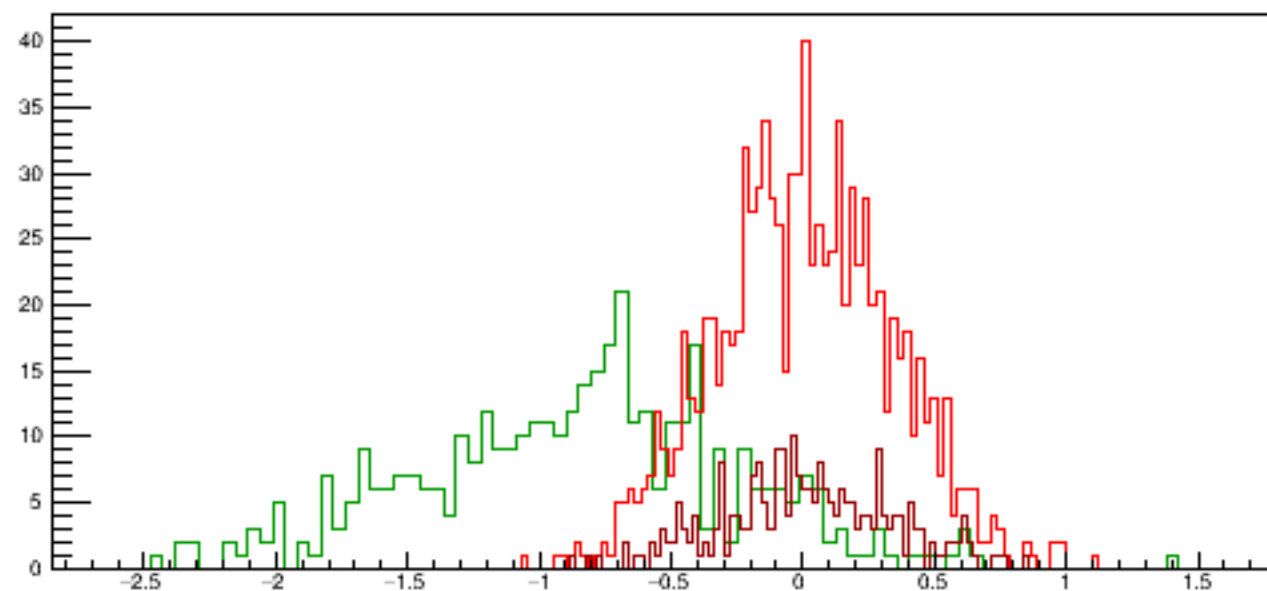
bcm:mpsCoda {mpsCoda>=634962 && mpsCoda<=654177}



Cycle 16, Diffs

Entries: 968	Entries: 402	Entries: 253
Mean: 0.0023 +/- 0.0108	Mean: -0.8542 +/- 0.0302	Mean: 0.0121 +/- 0.0205
Std Dev: 0.3350 +/- 0.0076	Std Dev: 0.6059 +/- 0.0214	Std Dev: 0.3255 +/- 0.0145

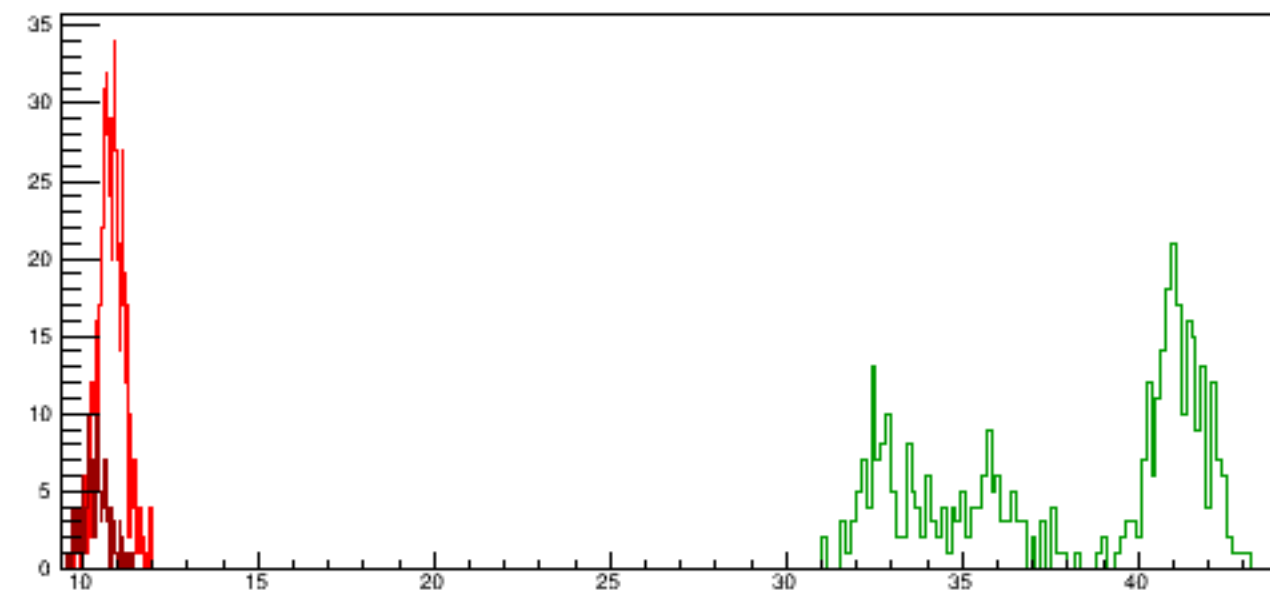
Run 5129 quartetwise, Diffs



Cycle 16, Sums

Entries: 968	Entries: 402	Entries: 253
Mean: 10.8458 +/- 0.0115	Mean: 37.9939 +/- 0.1836	Mean: 10.4084 +/- 0.0225
Std Dev: 0.3573 +/- 0.0081	Std Dev: 3.6813 +/- 0.1298	Std Dev: 0.3576 +/- 0.0159

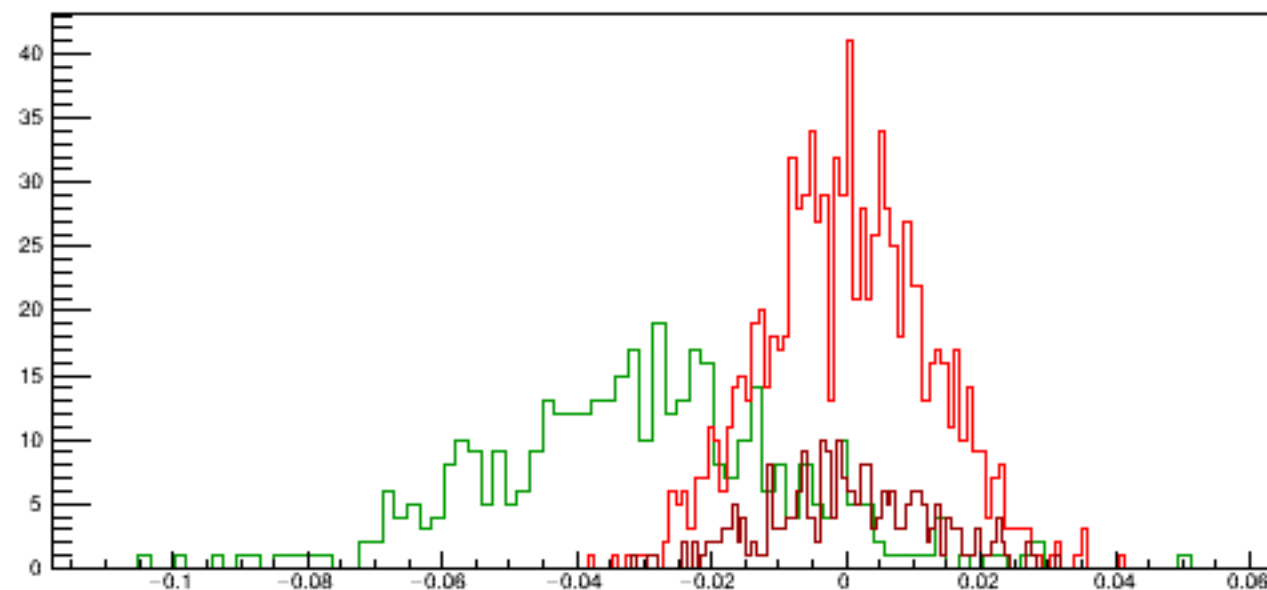
Run 5129 quartetwise, Sums



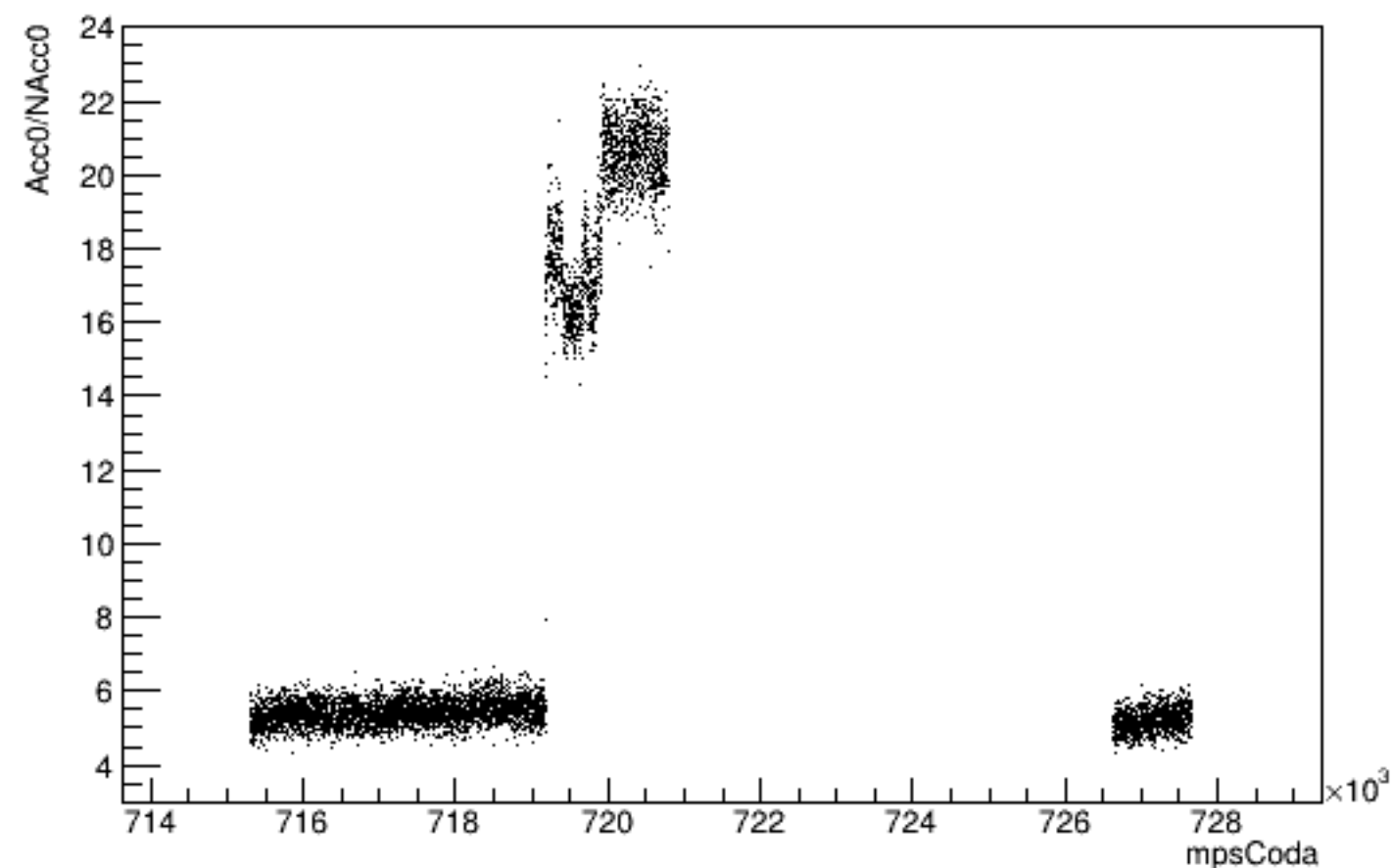
Cycle 16, Asyms

Entries: 968	Entries: 402	Entries: 253
Mean: 0.0001 +/- 0.0004	Mean: -0.0312 +/- 0.0011	Mean: 0.0004 +/- 0.0007
Std Dev: 0.0122 +/- 0.0003	Std Dev: 0.0221 +/- 0.0008	Std Dev: 0.0119 +/- 0.0005

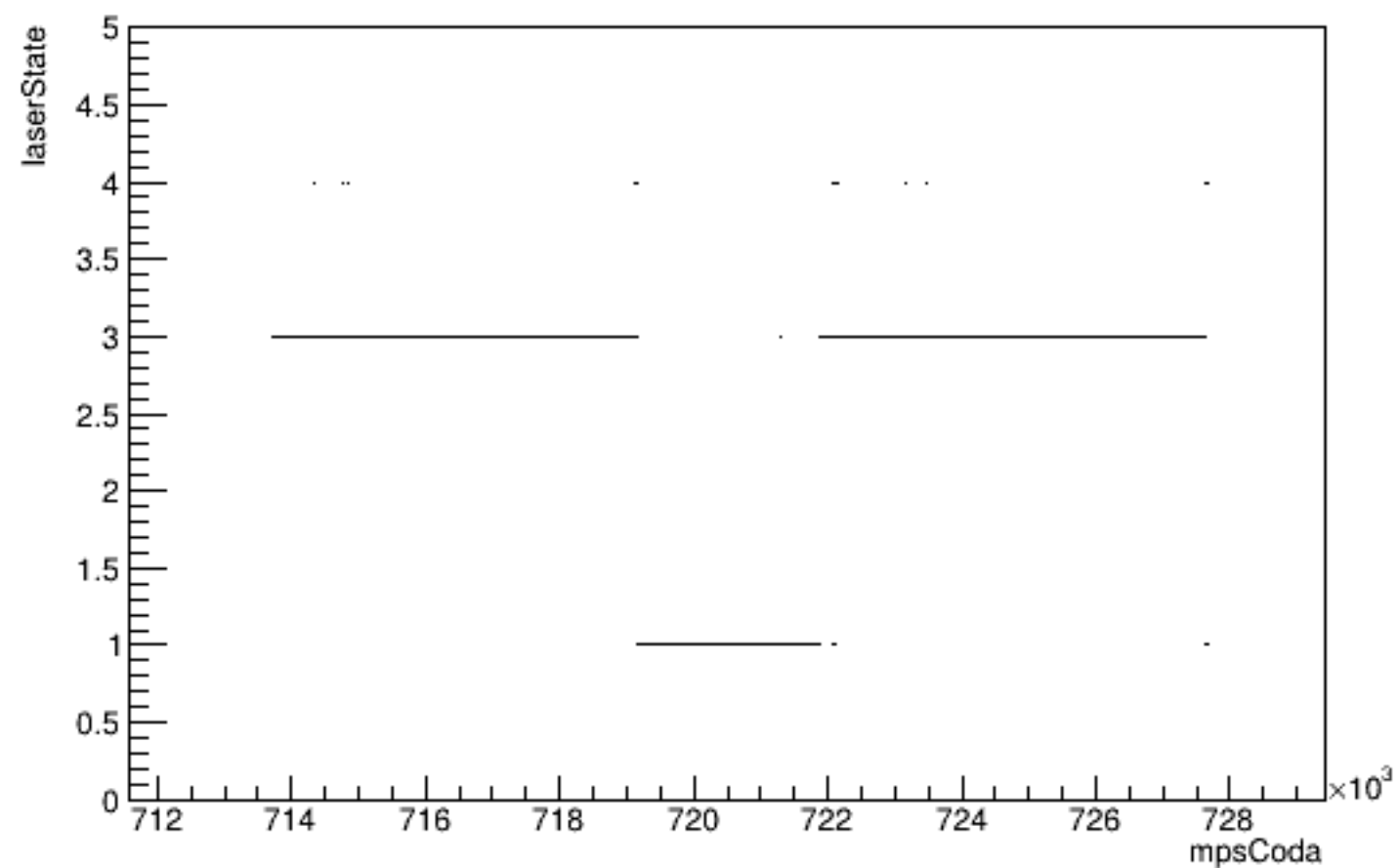
Run 5129 quartetwise, Asyms



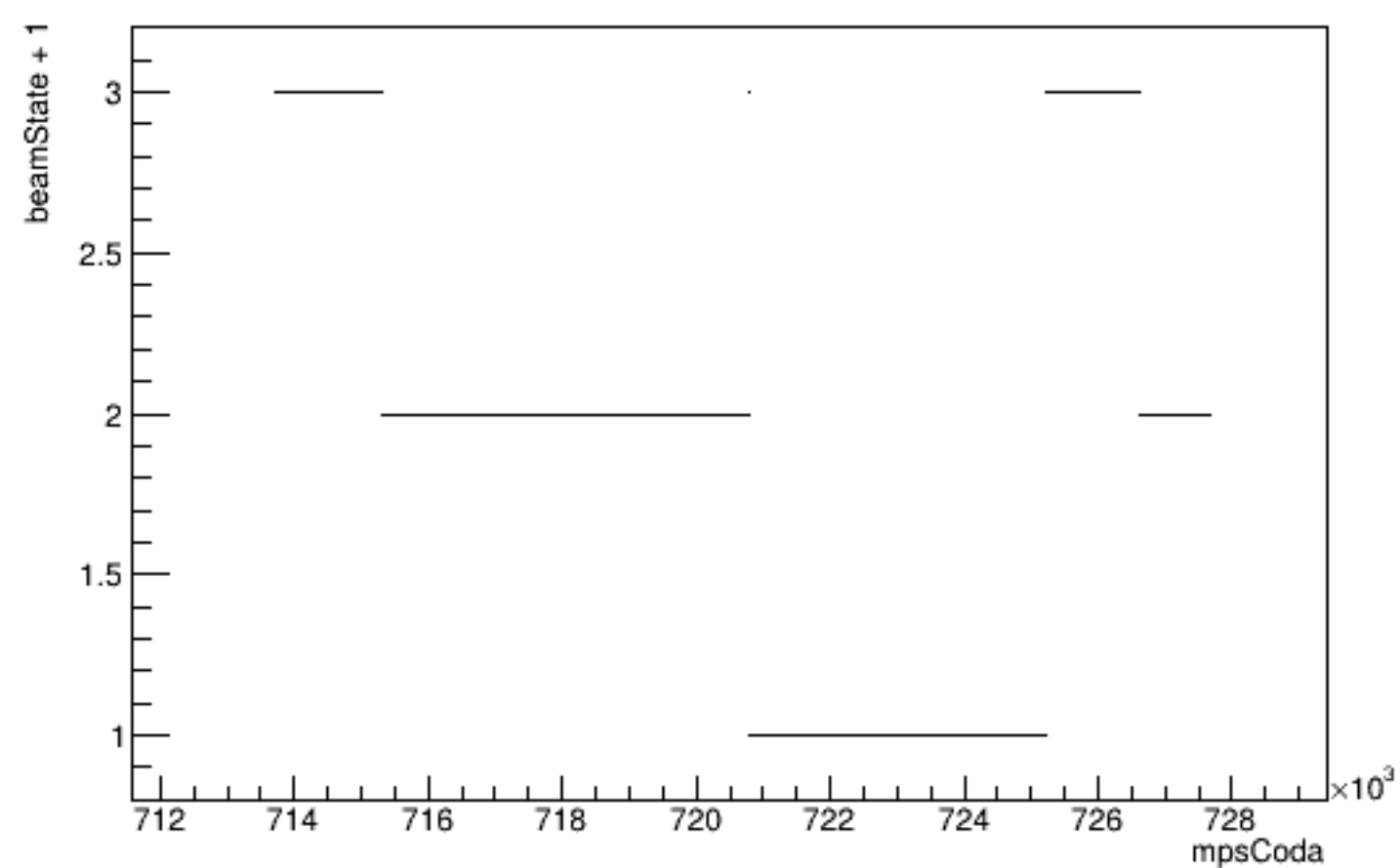
Acc0/NAcc0:mpsCoda (mpsCoda>=713714 && mpsCoda<=727653 && beamState==1)



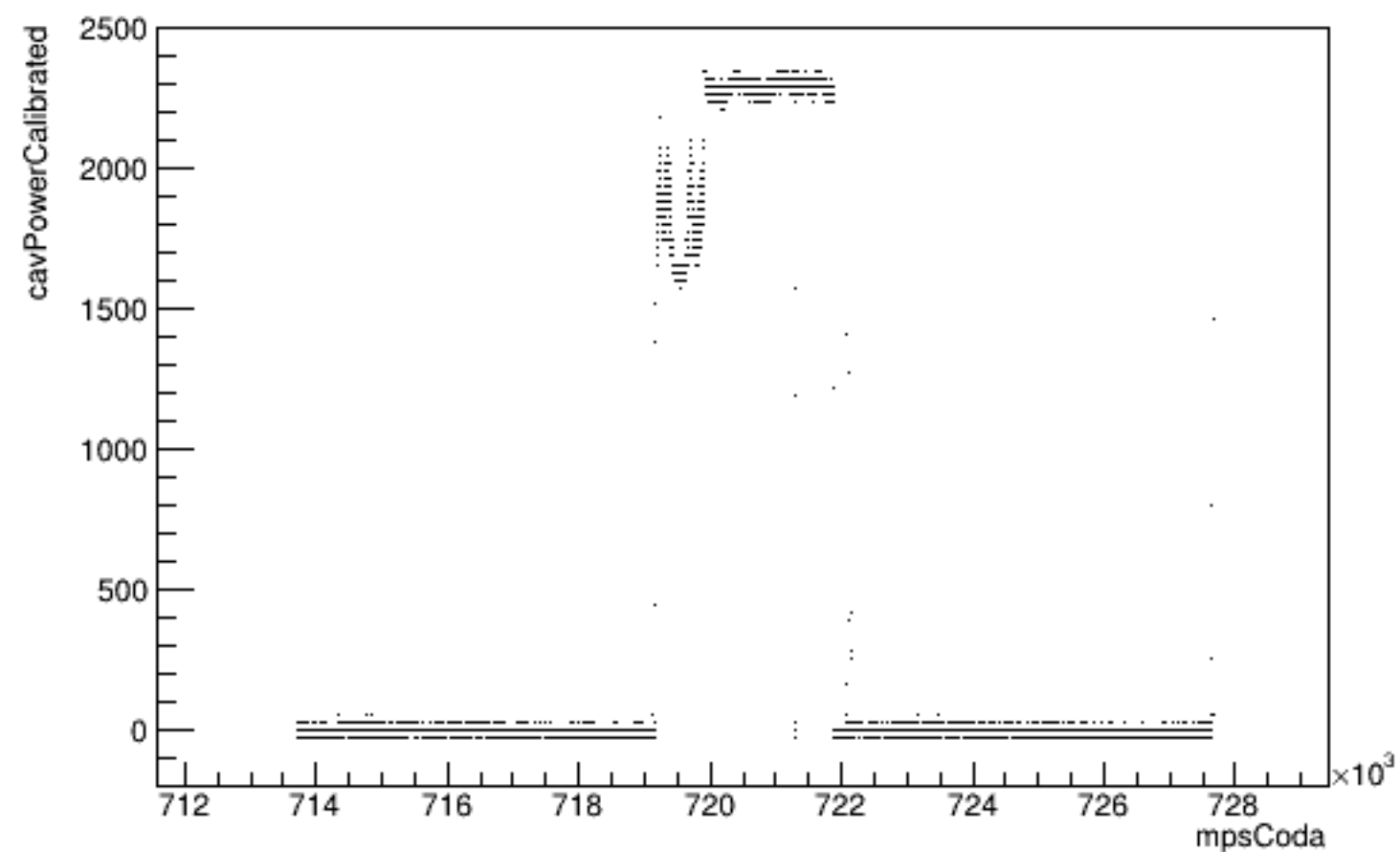
laserState:mpsCoda {mpsCoda>=713714 && mpsCoda<=727653}



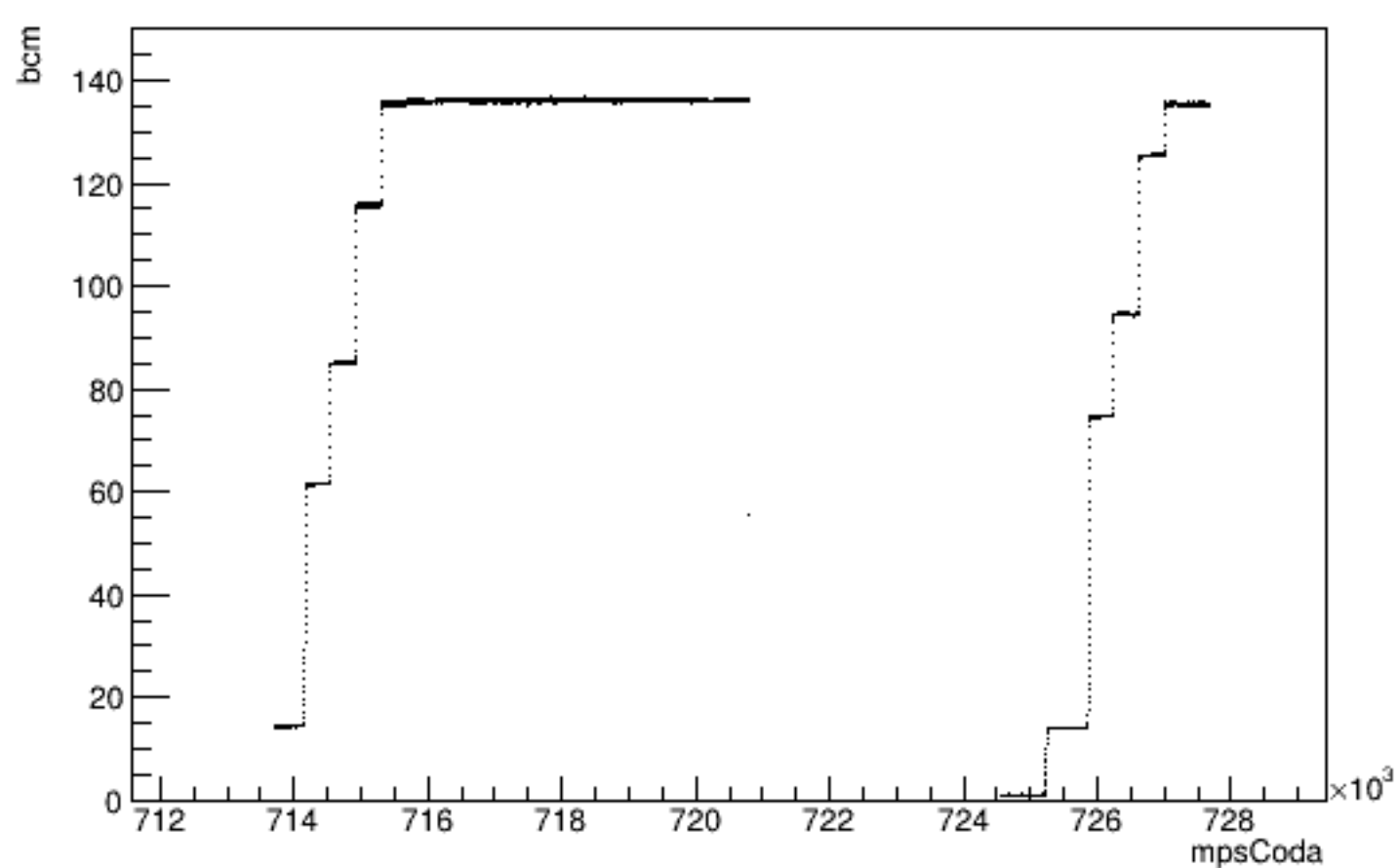
beamState + 1:mpsCoda {mpsCoda>=713714 && mpsCoda<=727653}



cavPowerCalibrated:mpsCoda {mpsCoda>=713714 && mpsCoda<=727653}



bcm:mpsCoda {mpsCoda>=713714 && mpsCoda<=727653}



Cycle 17, Diffs

Entries: 1380

Mean: -0.0096 +/- 0.0088

Std Dev: 0.3260 +/- 0.0062

Entries: 576

Mean: -0.9229 +/- 0.0258

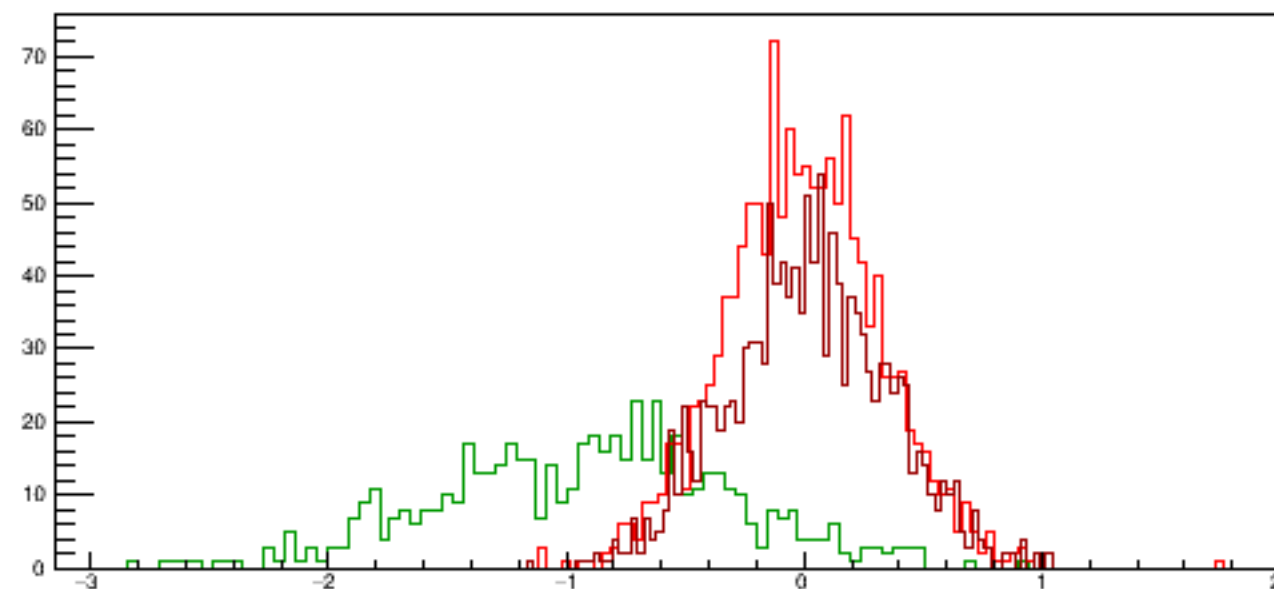
Std Dev: 0.6196 +/- 0.0183

Entries: 1344

Mean: 0.0134 +/- 0.0092

Std Dev: 0.3374 +/- 0.0065

Run 5129 quartetwise, Diffs



Cycle 17, Sums

Entries: 1380

Mean: 10.6542 +/- 0.0168

Std Dev: 0.6248 +/- 0.0119

Entries: 576

Mean: 39.4823 +/- 0.1393

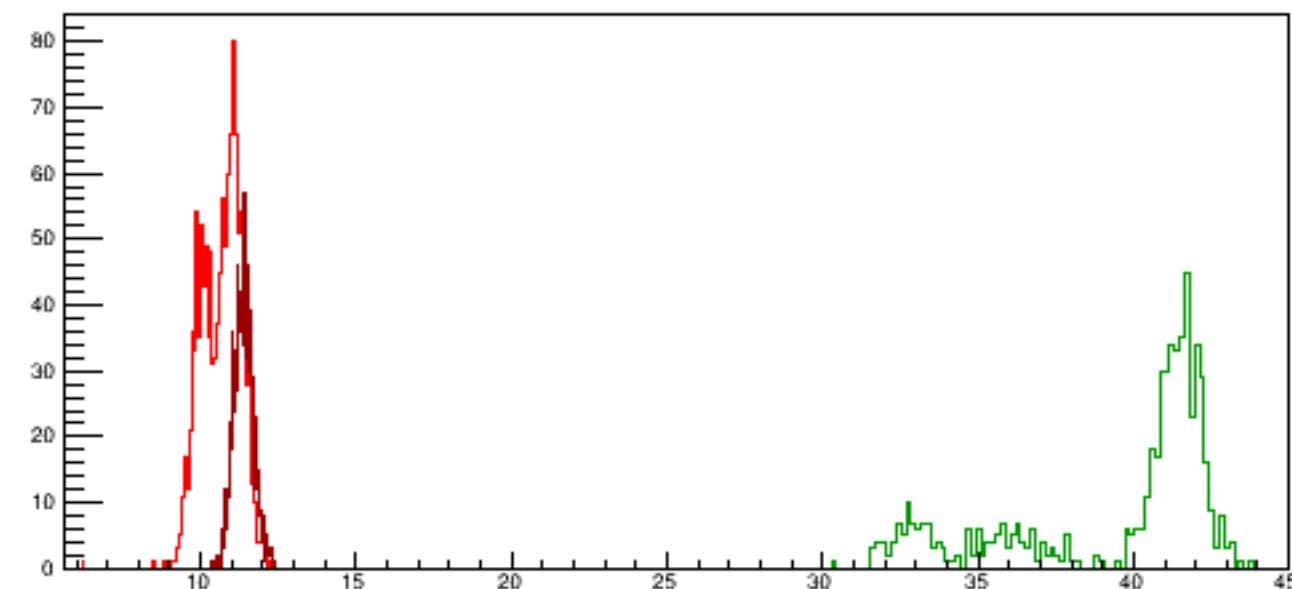
Std Dev: 3.3431 +/- 0.0985

Entries: 1344

Mean: 11.3750 +/- 0.0087

Std Dev: 0.3174 +/- 0.0061

Run 5129 quartetwise, Sums



Cycle 17, Asyms

Entries: 1380

Mean: -0.0003 +/- 0.0003

Std Dev: 0.0115 +/- 0.0002

Entries: 576

Mean: -0.0323 +/- 0.0009

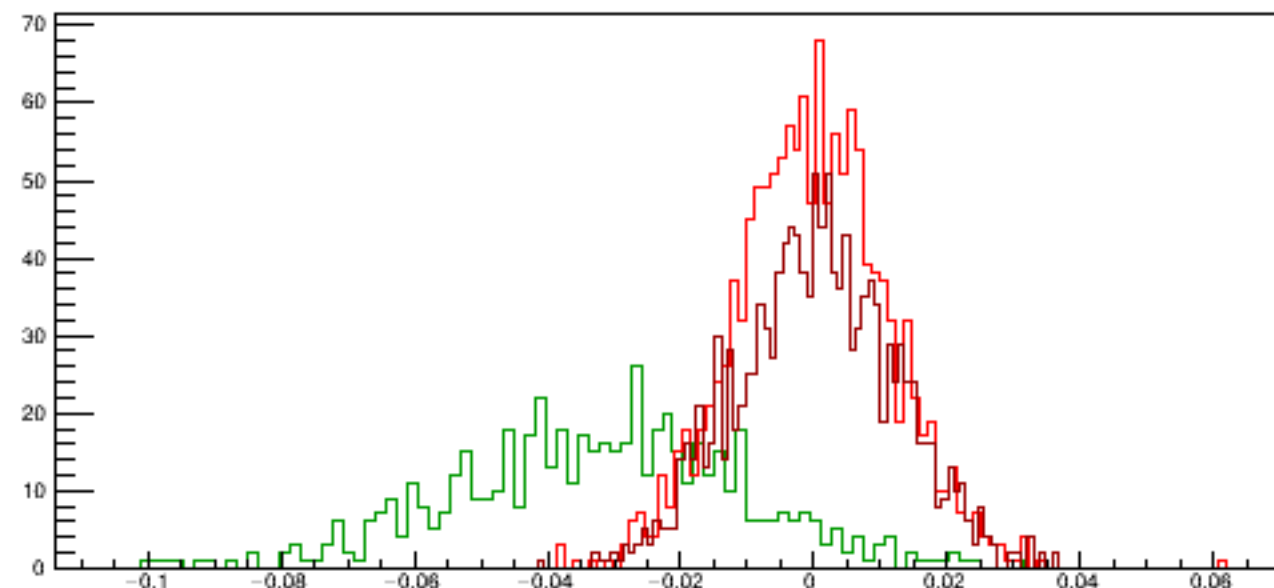
Std Dev: 0.0220 +/- 0.0006

Entries: 1344

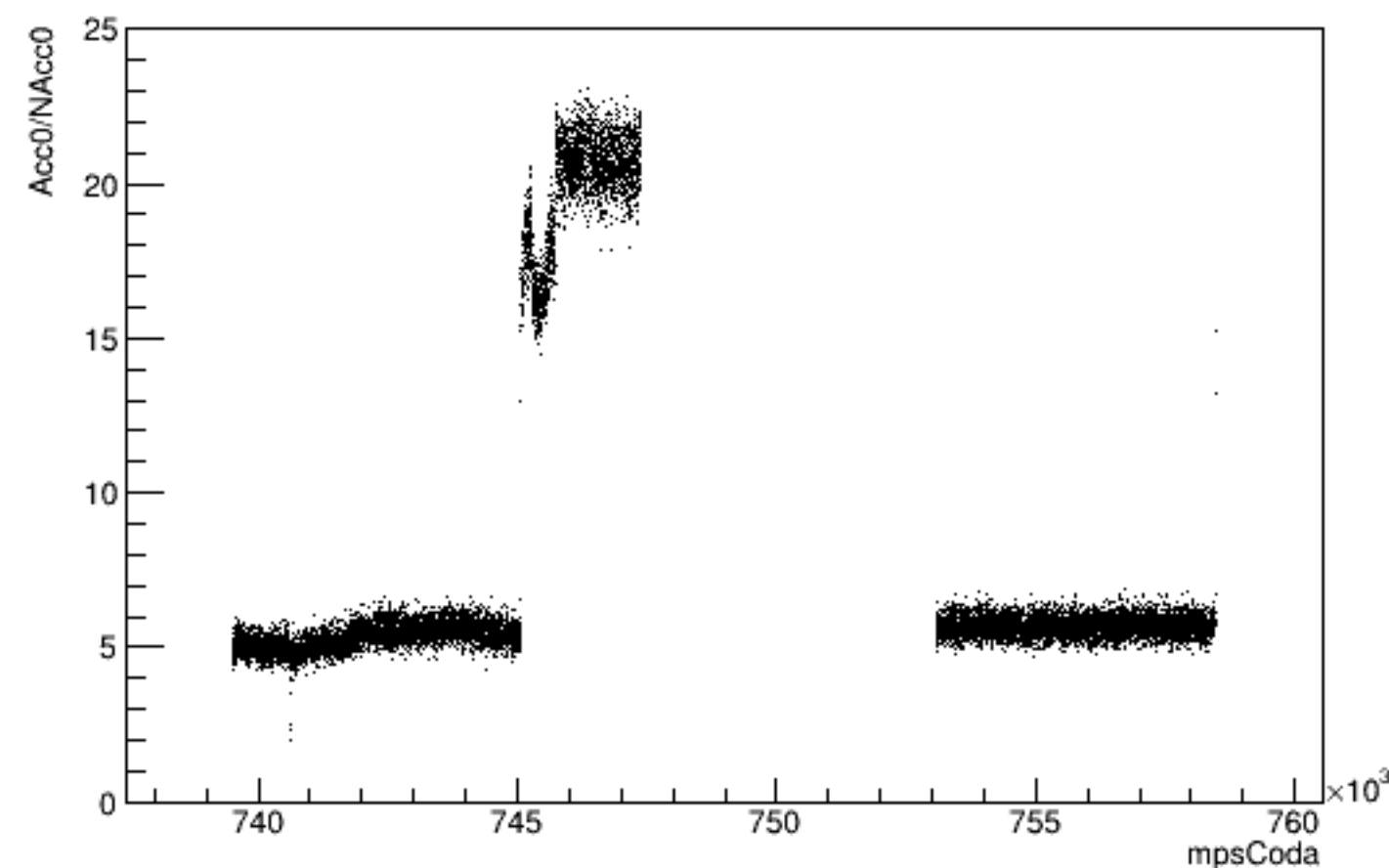
Mean: 0.0005 +/- 0.0003

Std Dev: 0.0119 +/- 0.0002

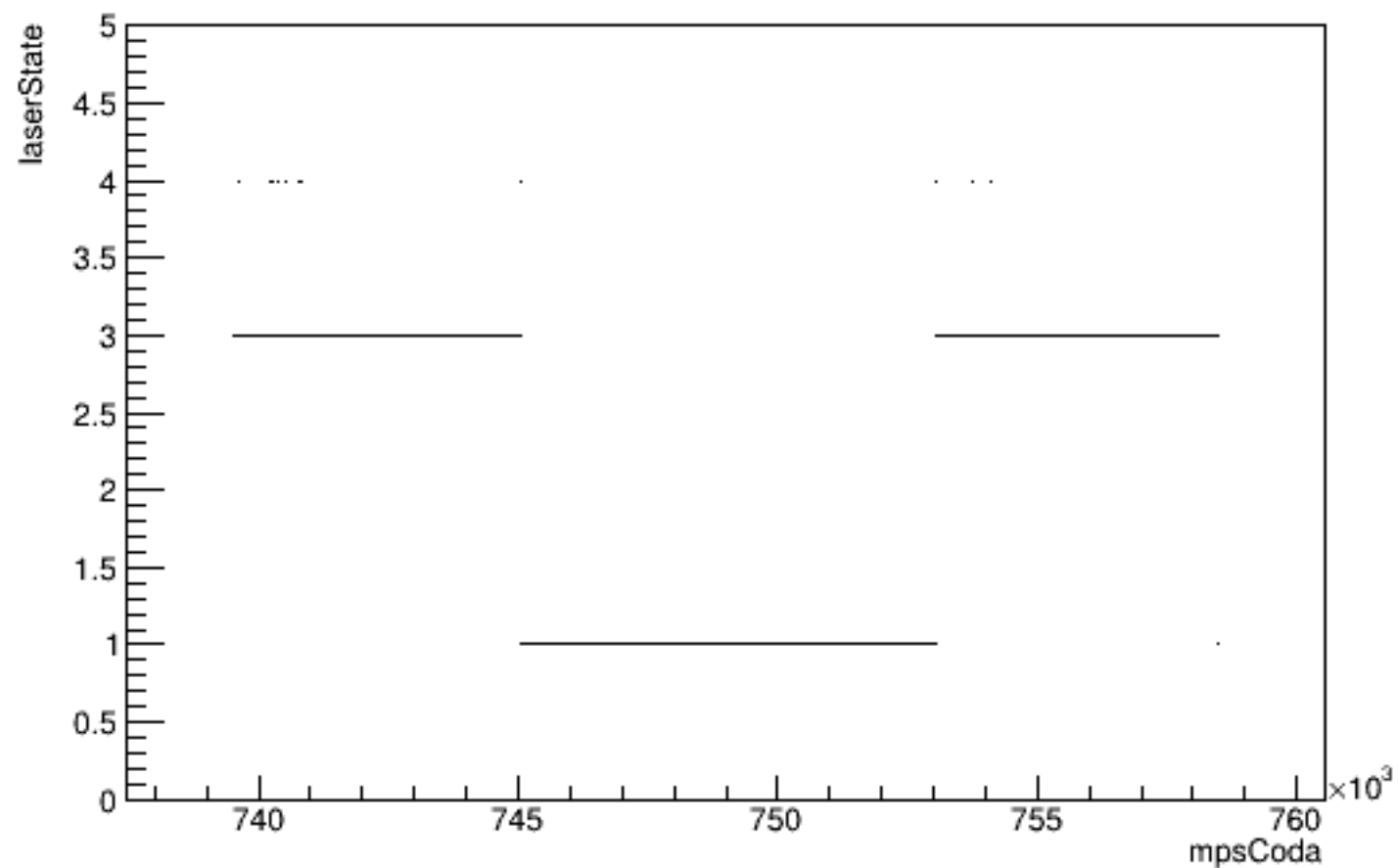
Run 5129 quartetwise, Asyms



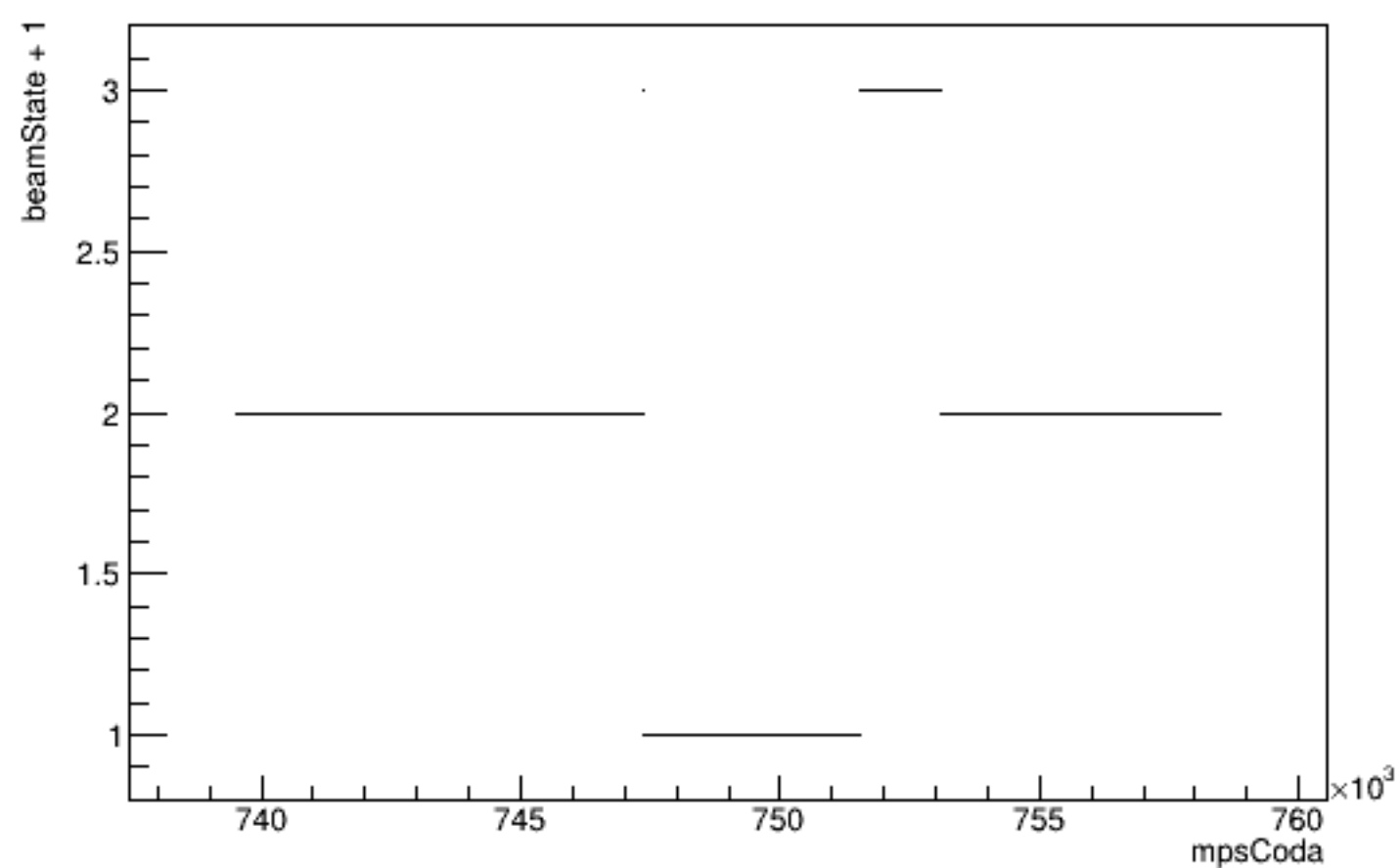
Acc0/NAcc0:mpsCoda (mpsCoda>=739510 && mpsCoda<=758465 && beamState==1)



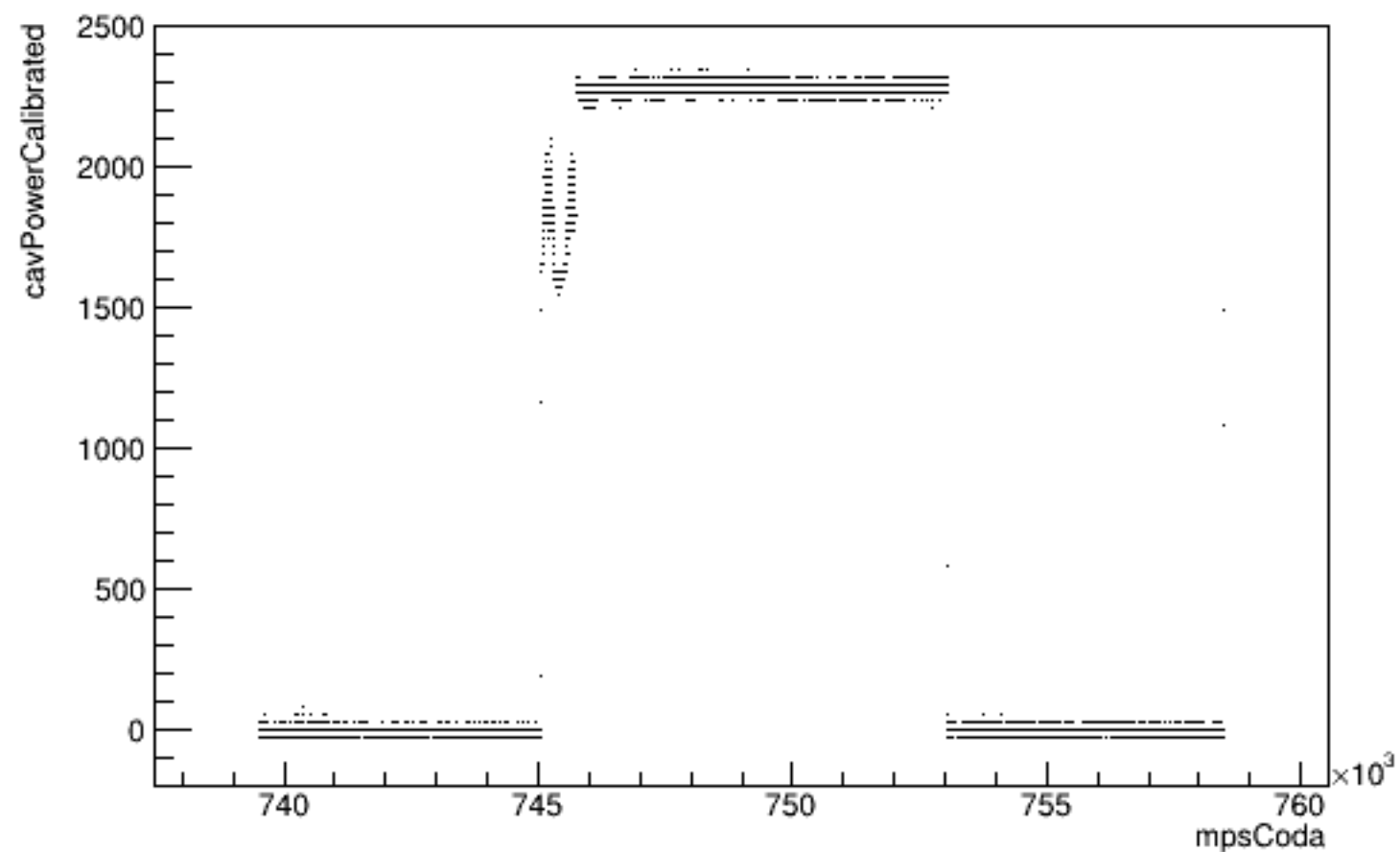
laserState:mpsCoda {mpsCoda>=739510 && mpsCoda<=758465}



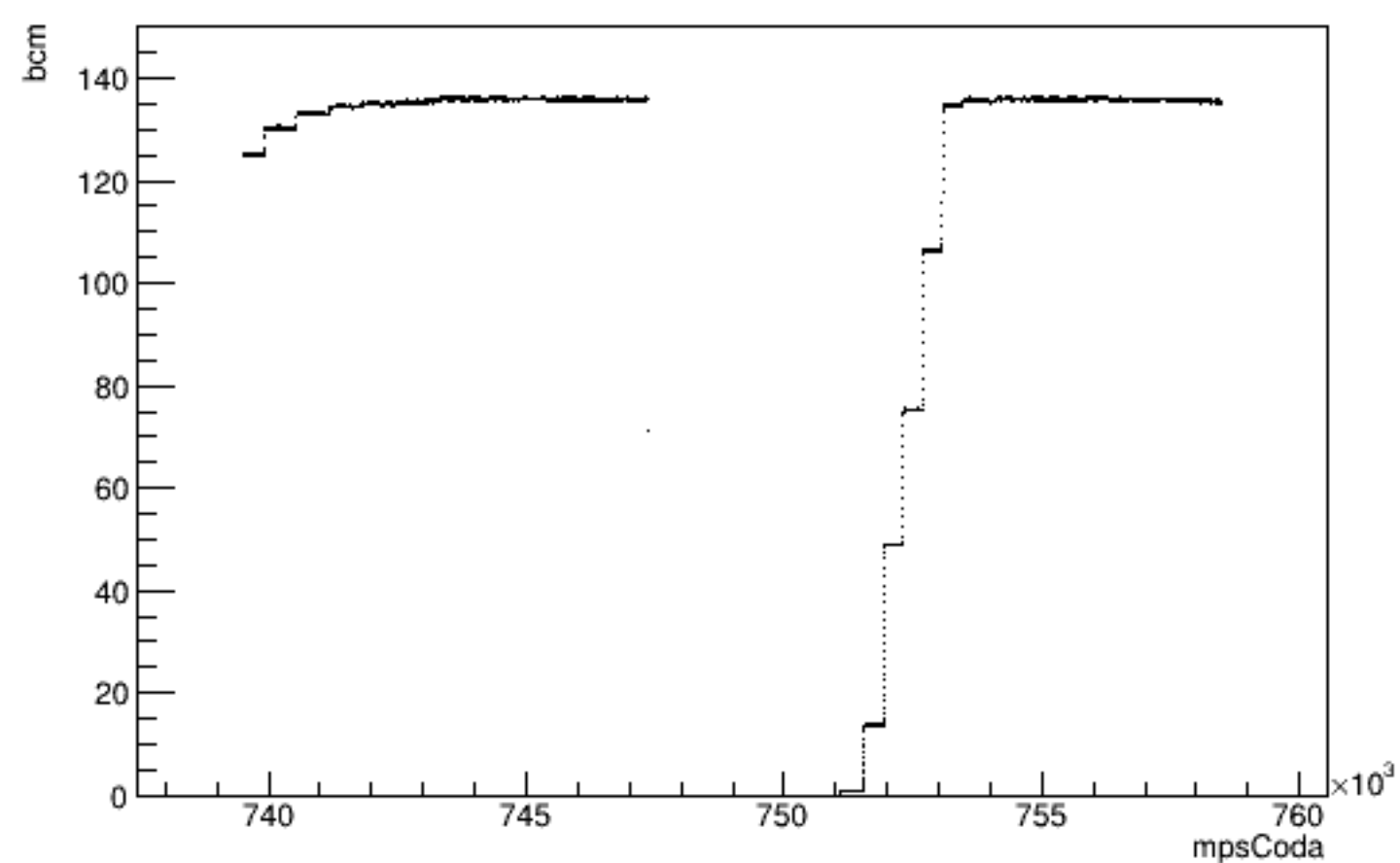
beamState + 1:mpsCoda {mpsCoda>=739510 && mpsCoda<=758465}



cavPowerCalibrated:mpsCoda {mpsCoda>=739510 && mpsCoda<=758465}



bcm:mpsCoda {mpsCoda>=739510 && mpsCoda<=758465}



Cycle 18, Diffs

Entries: 1344

Mean: 0.0134 +/- 0.0092

Std Dev: 0.3374 +/- 0.0065

Entries: 1374

Mean: -0.9296 +/- 0.0167

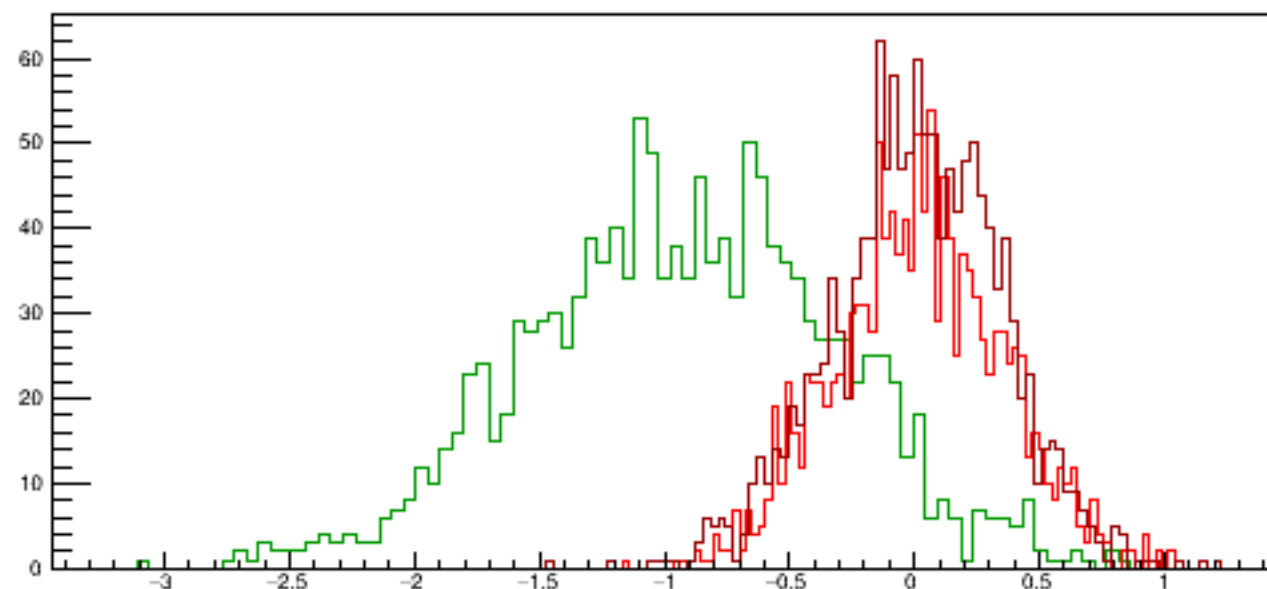
Std Dev: 0.6180 +/- 0.0118

Entries: 1378

Mean: 0.0095 +/- 0.0092

Std Dev: 0.3407 +/- 0.0065

Run 5129 quartetwise, Diffs



Cycle 18, Sums

Entries: 1344

Mean: 11.3750 +/- 0.0087

Std Dev: 0.3174 +/- 0.0061

Entries: 1374

Mean: 41.3407 +/- 0.0733

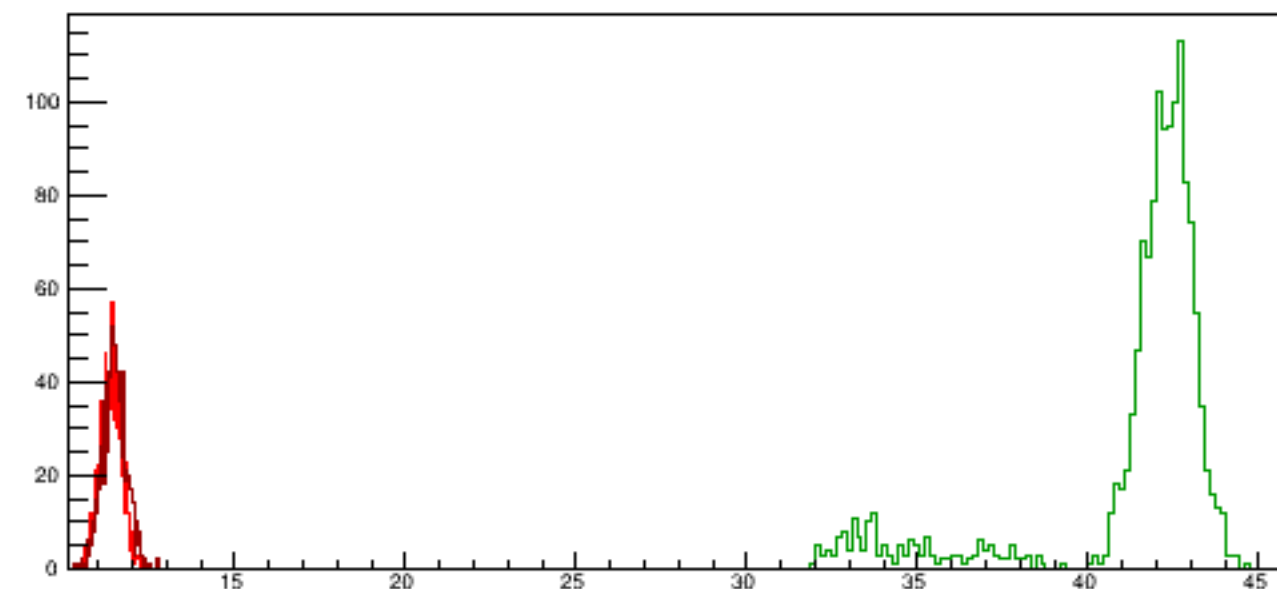
Std Dev: 2.7167 +/- 0.0518

Entries: 1378

Mean: 11.4838 +/- 0.0092

Std Dev: 0.3419 +/- 0.0065

Run 5129 quartetwise, Sums



Cycle 18, Asyms

Entries: 1344

Mean: 0.0004 +/- 0.0003

Std Dev: 0.0113 +/- 0.0002

Entries: 1374

Mean: -0.0310 +/- 0.0006

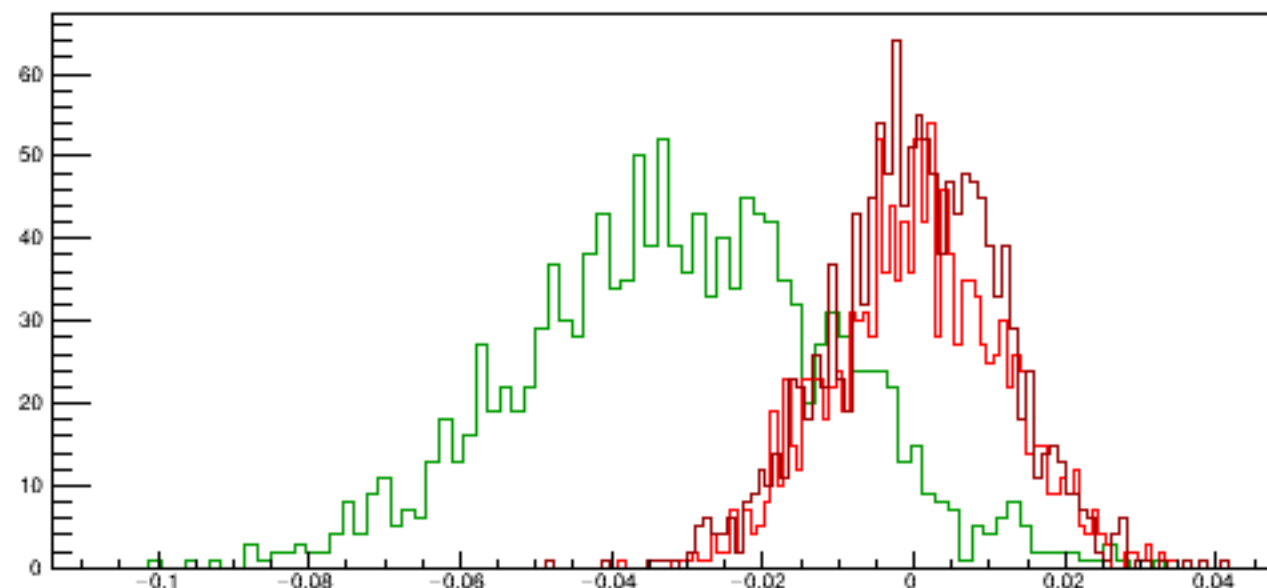
Std Dev: 0.0207 +/- 0.0004

Entries: 1378

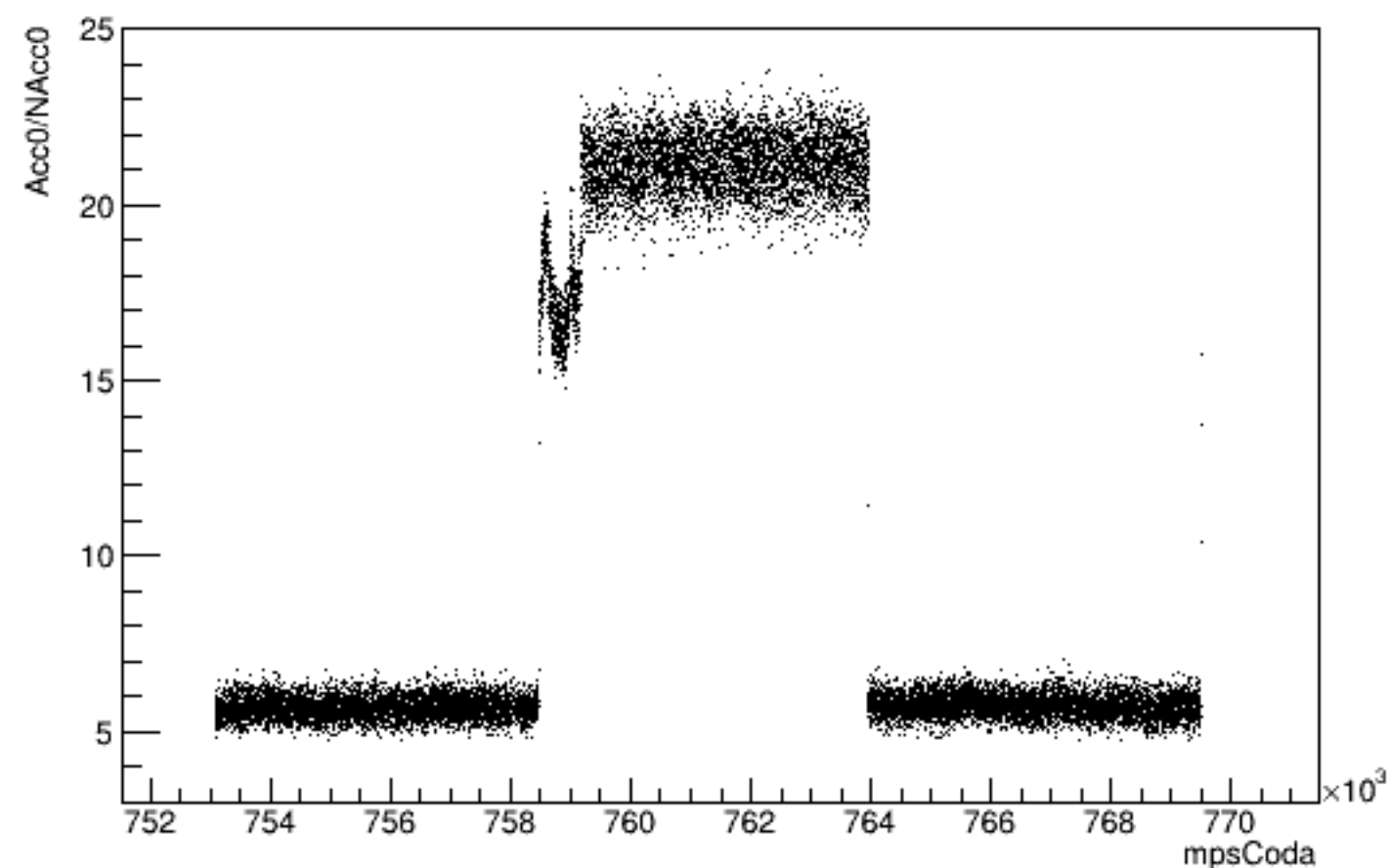
Mean: 0.0003 +/- 0.0003

Std Dev: 0.0114 +/- 0.0002

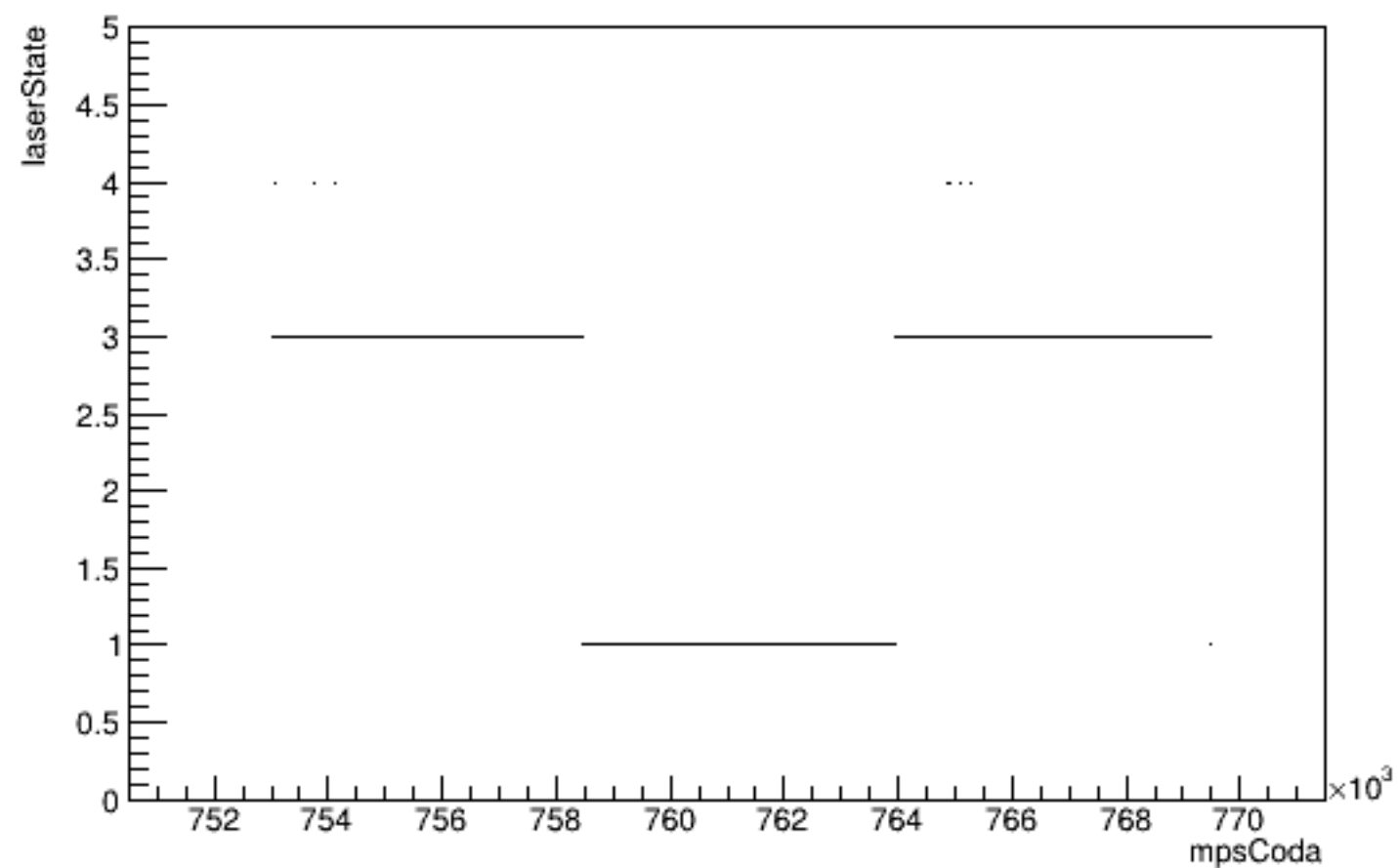
Run 5129 quartetwise, Asyms



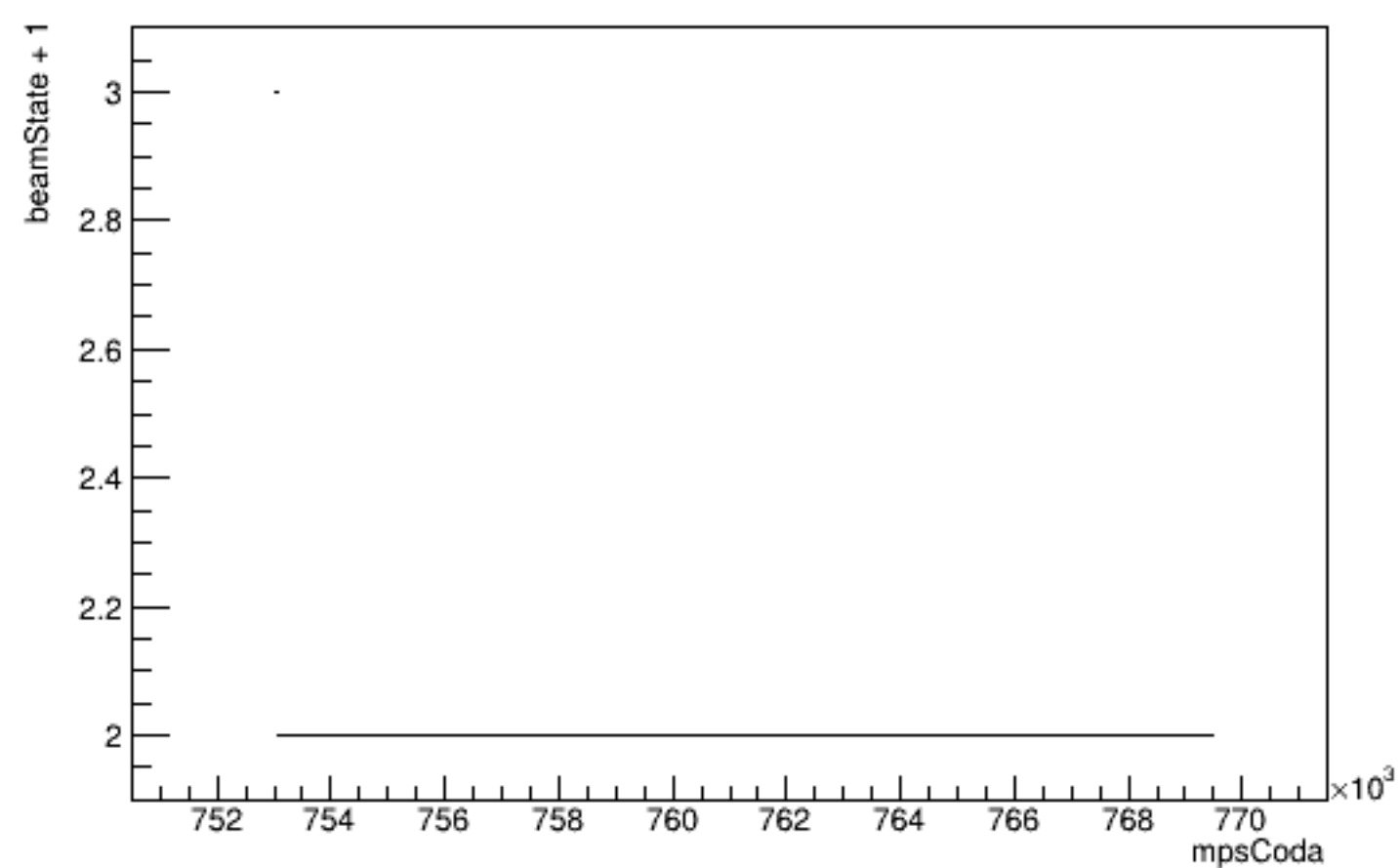
Acc0/NAcc0:mpsCoda (mpsCoda>=753038 && mpsCoda<=769497 && beamState==1)



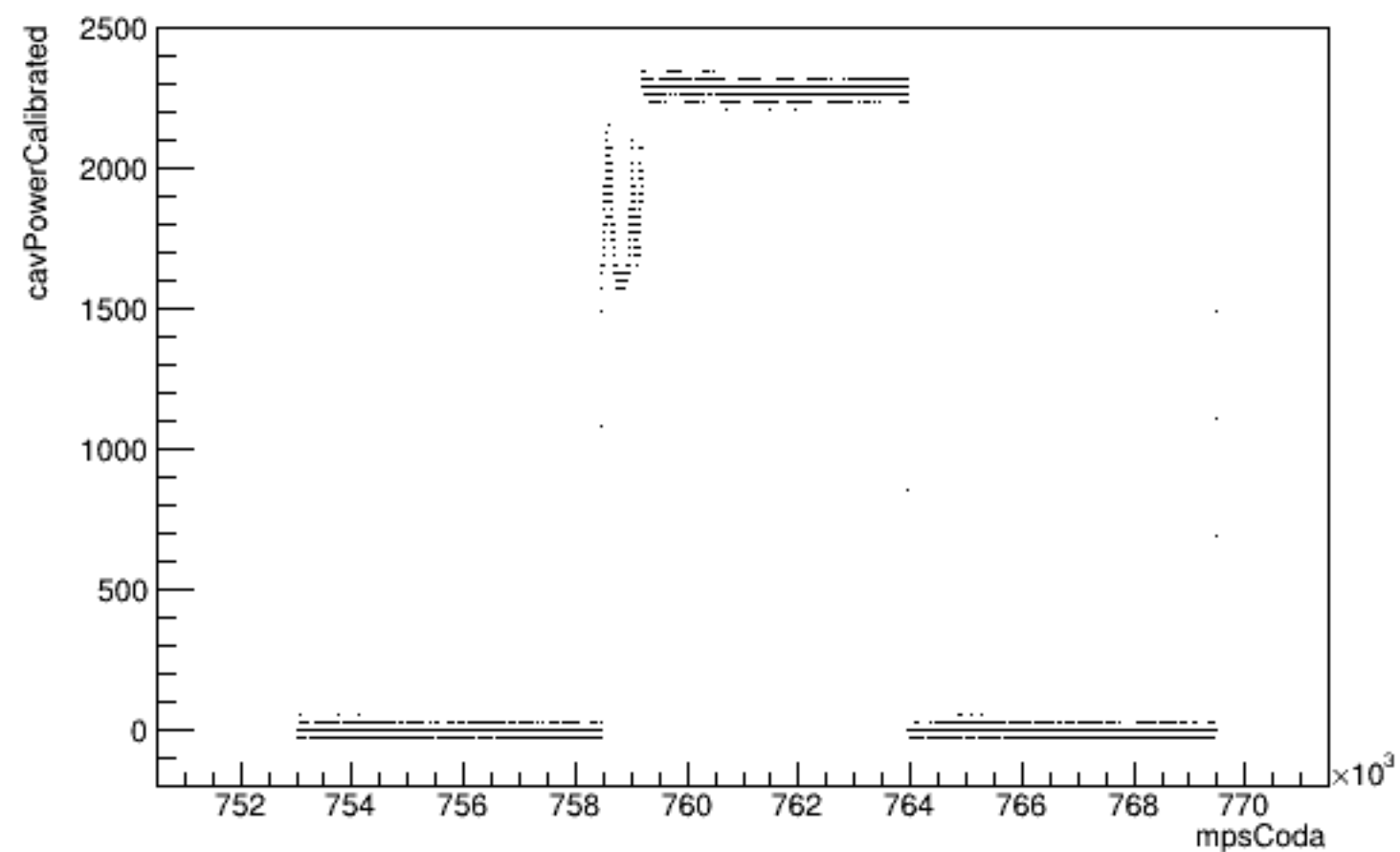
laserState:mpsCoda {mpsCoda>=753038 && mpsCoda<=769497}



beamState + 1:mpsCoda {mpsCoda>=753038 && mpsCoda<=769497}



cavPowerCalibrated:mpsCoda {mpsCoda>=753038 && mpsCoda<=769497}



bcm:mpsCoda {mpsCoda>=753038 && mpsCoda<=769497}

