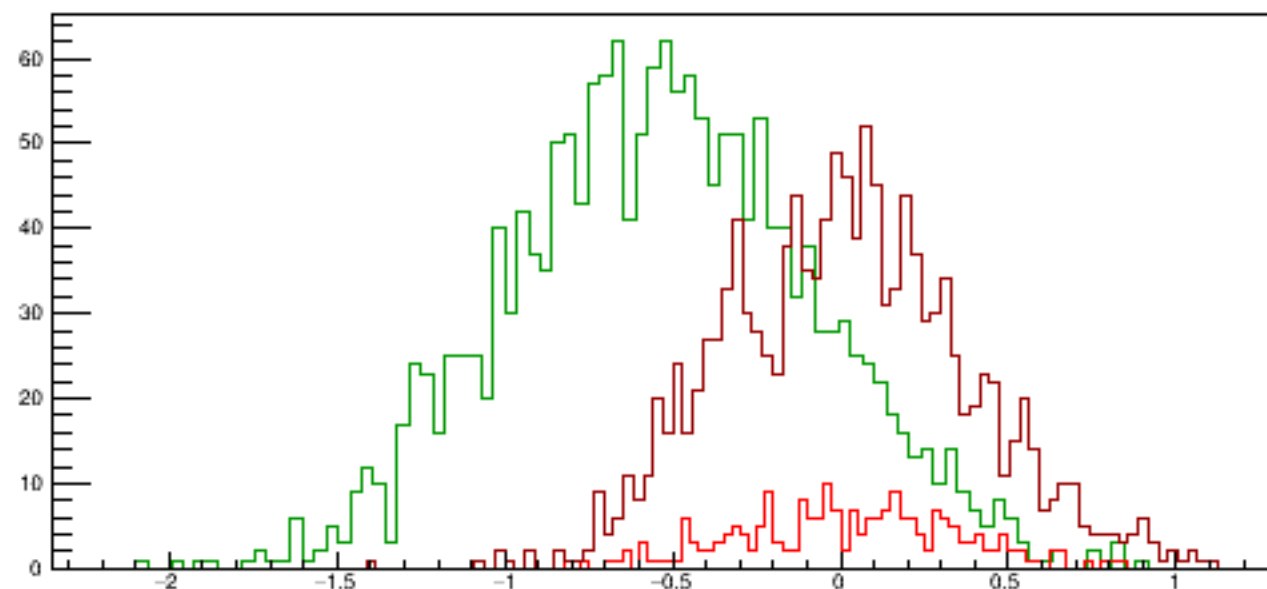


Cycle 1, Diffs

Entries: 213	Entries: 1800	Entries: 1297
Mean: 0.0207 +/- 0.0234	Mean: -0.5309 +/- 0.0107	Mean: 0.0136 +/- 0.0101
Std Dev: 0.3419 +/- 0.0166	Std Dev: 0.4524 +/- 0.0075	Std Dev: 0.3647 +/- 0.0072

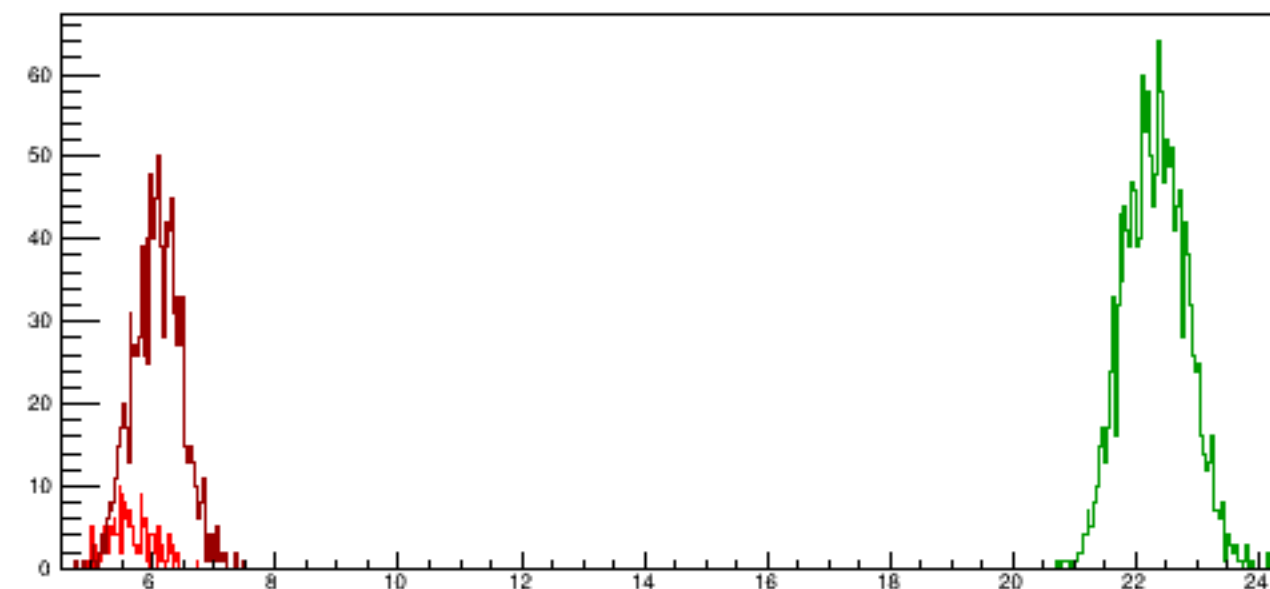
Run 6166 quartetwise, Diffs



Cycle 1, Sums

Entries: 213	Entries: 1800	Entries: 1297
Mean: 5.6254 +/- 0.0248	Mean: 22.3214 +/- 0.0120	Mean: 6.0614 +/- 0.0109
Std Dev: 0.3623 +/- 0.0176	Std Dev: 0.5085 +/- 0.0085	Std Dev: 0.3938 +/- 0.0077

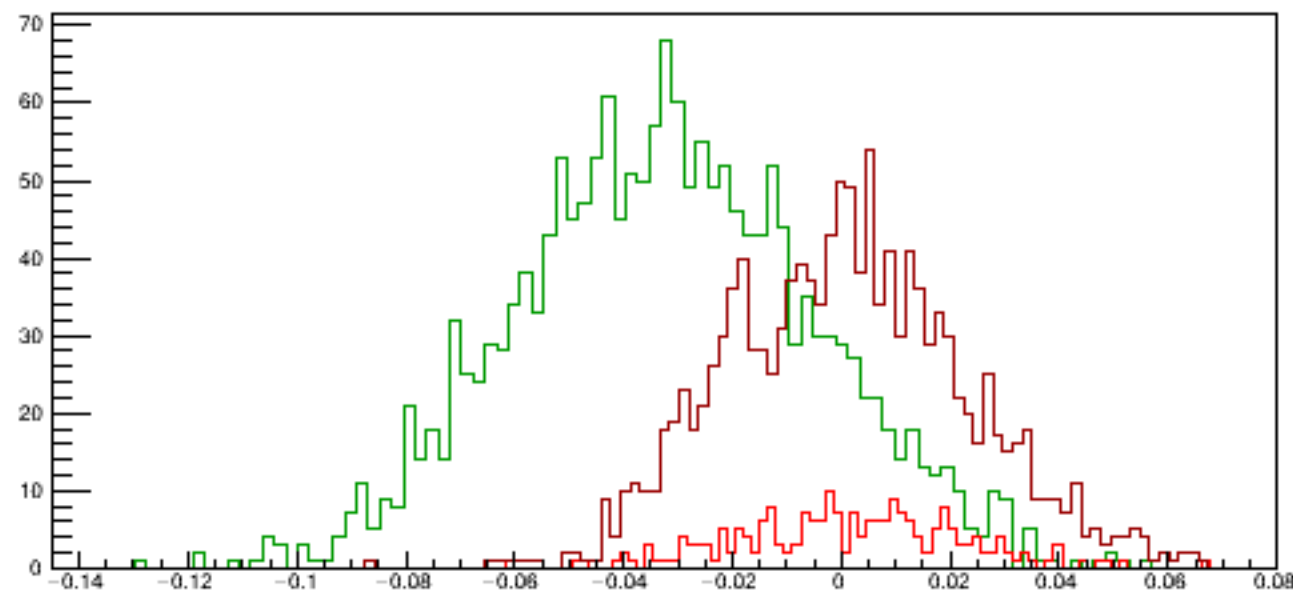
Run 6166 quartetwise, Sums



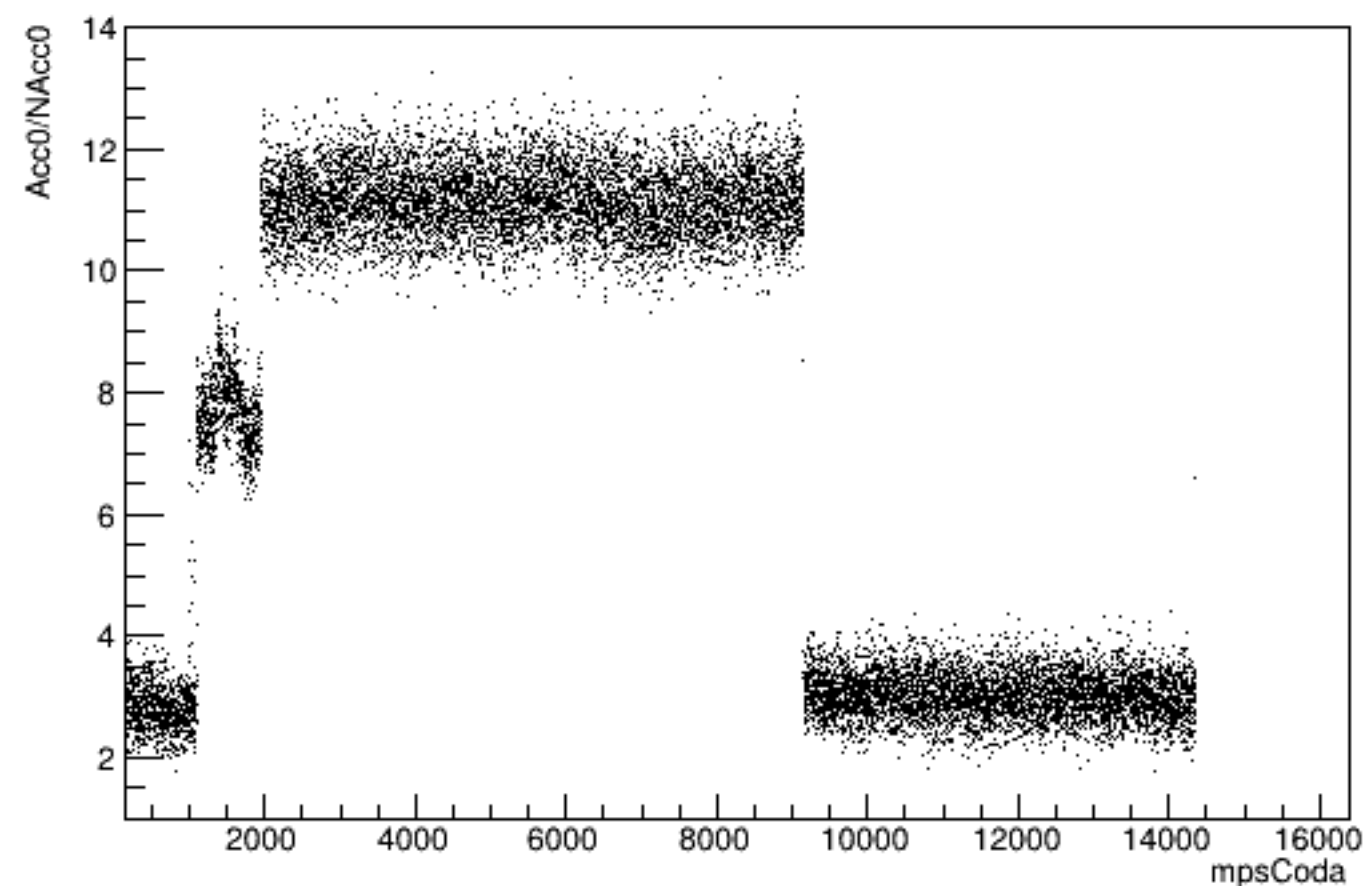
Cycle 1, Asyms

Entries: 213	Entries: 1800	Entries: 1297
Mean: 0.0013 +/- 0.0014	Mean: -0.0322 +/- 0.0006	Mean: 0.0008 +/- 0.0006
Std Dev: 0.0208 +/- 0.0010	Std Dev: 0.0275 +/- 0.0005	Std Dev: 0.0221 +/- 0.0004

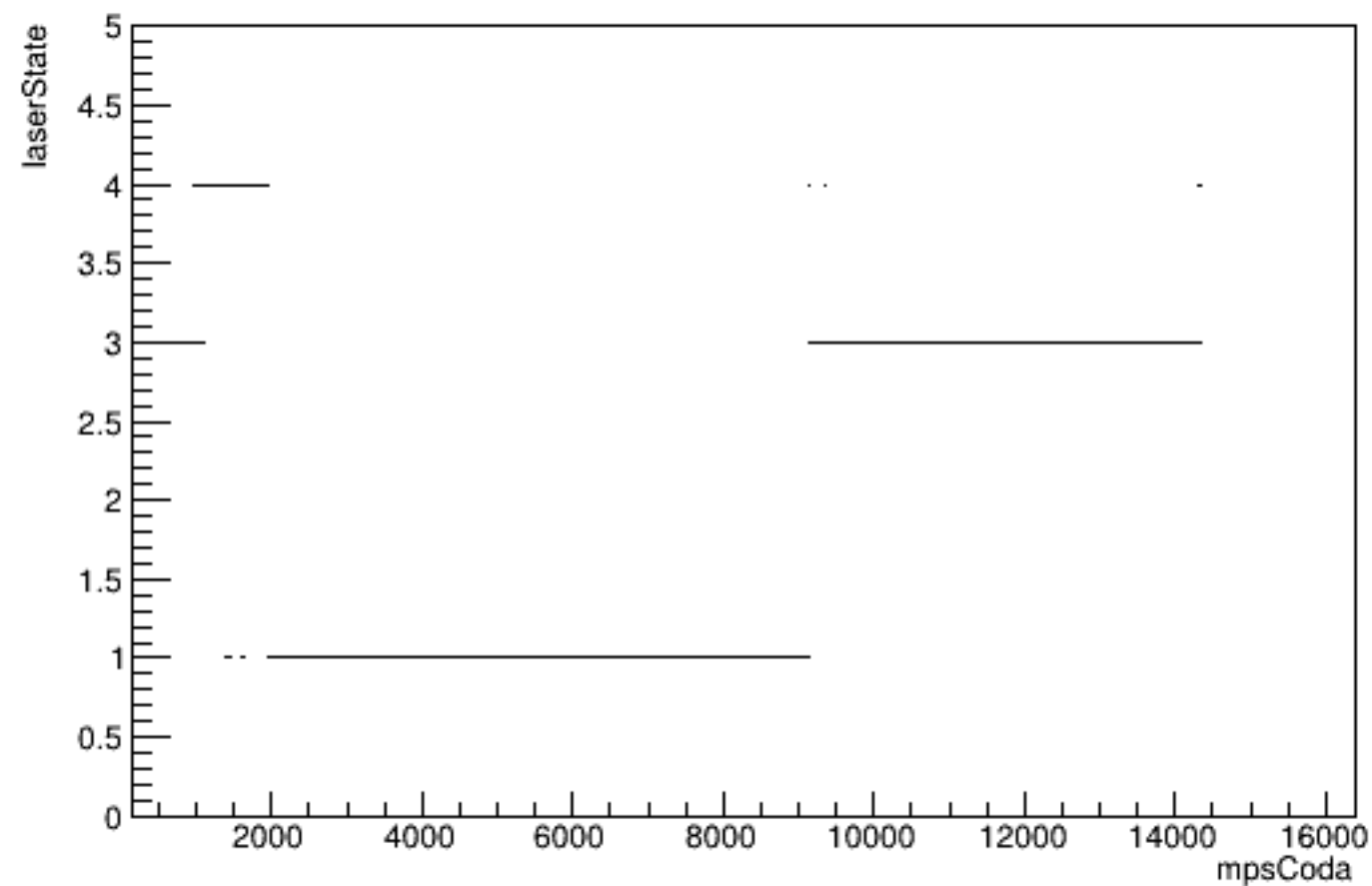
Run 6166 quartetwise, Asyms



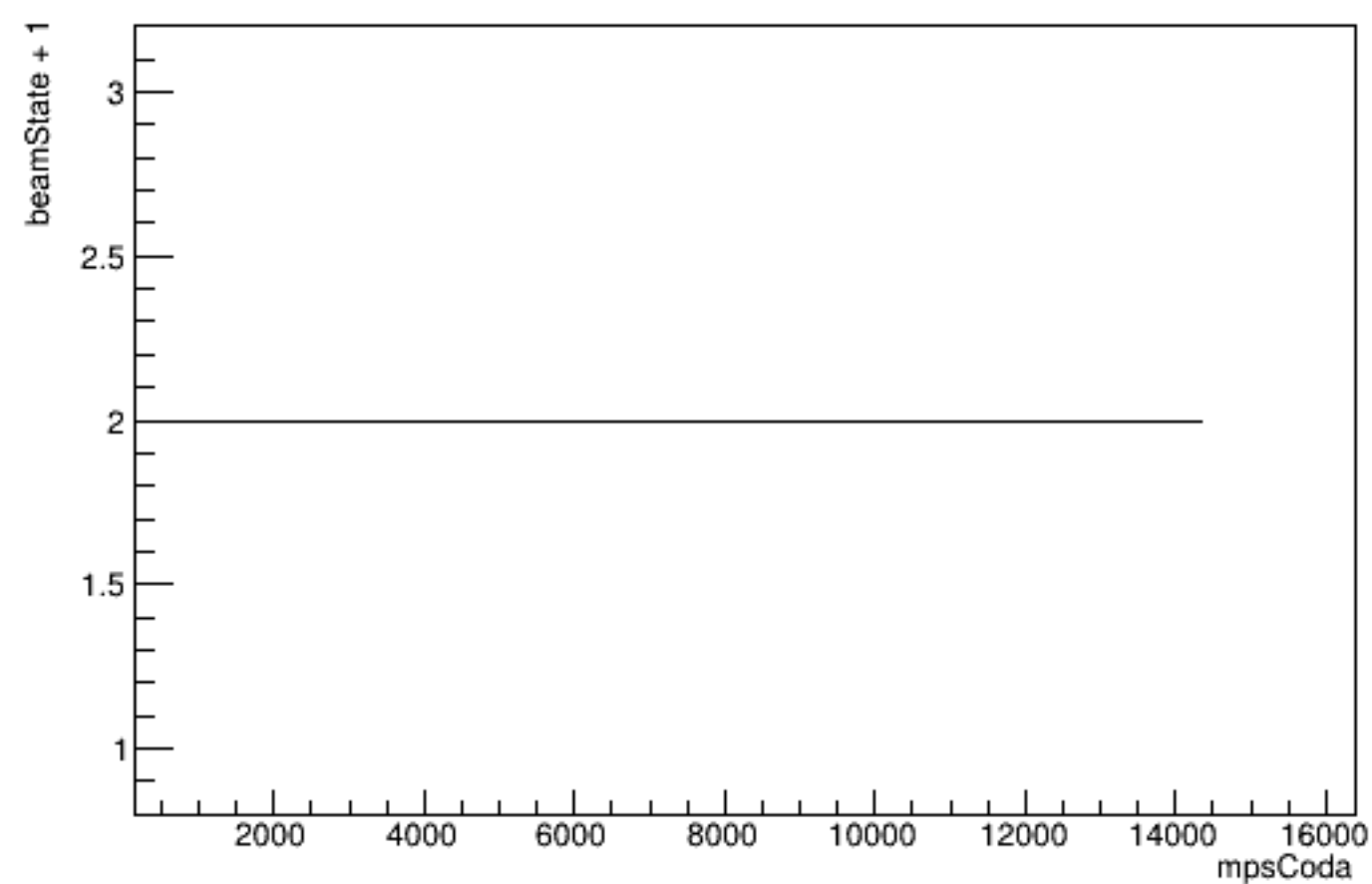
Acc0/NAcc0:mpsCoda {mpsCoda>=142 && mpsCoda<=14353 && beamState==1}



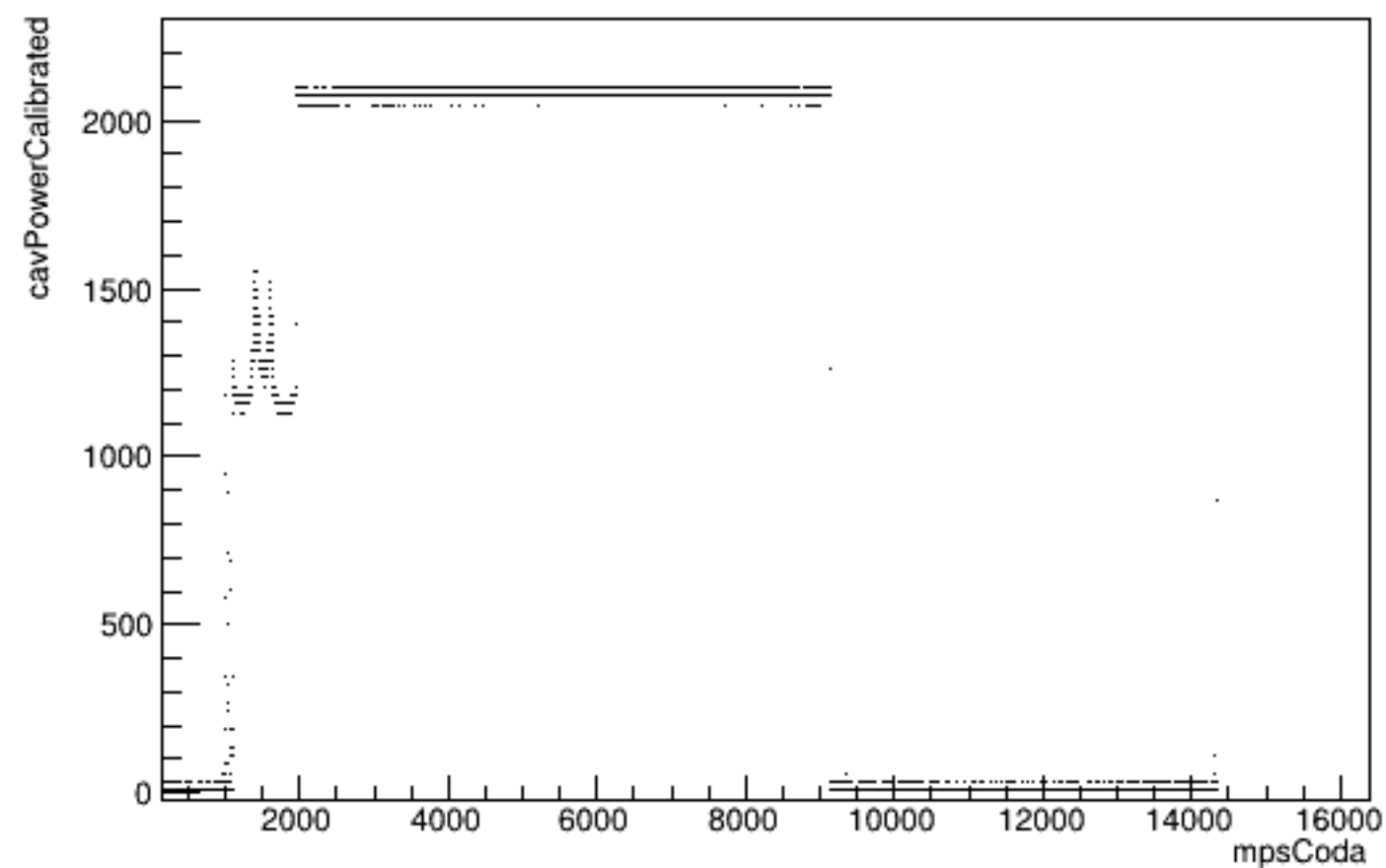
laserState:mpsCoda {mpsCoda>=142 && mpsCoda<=14353}



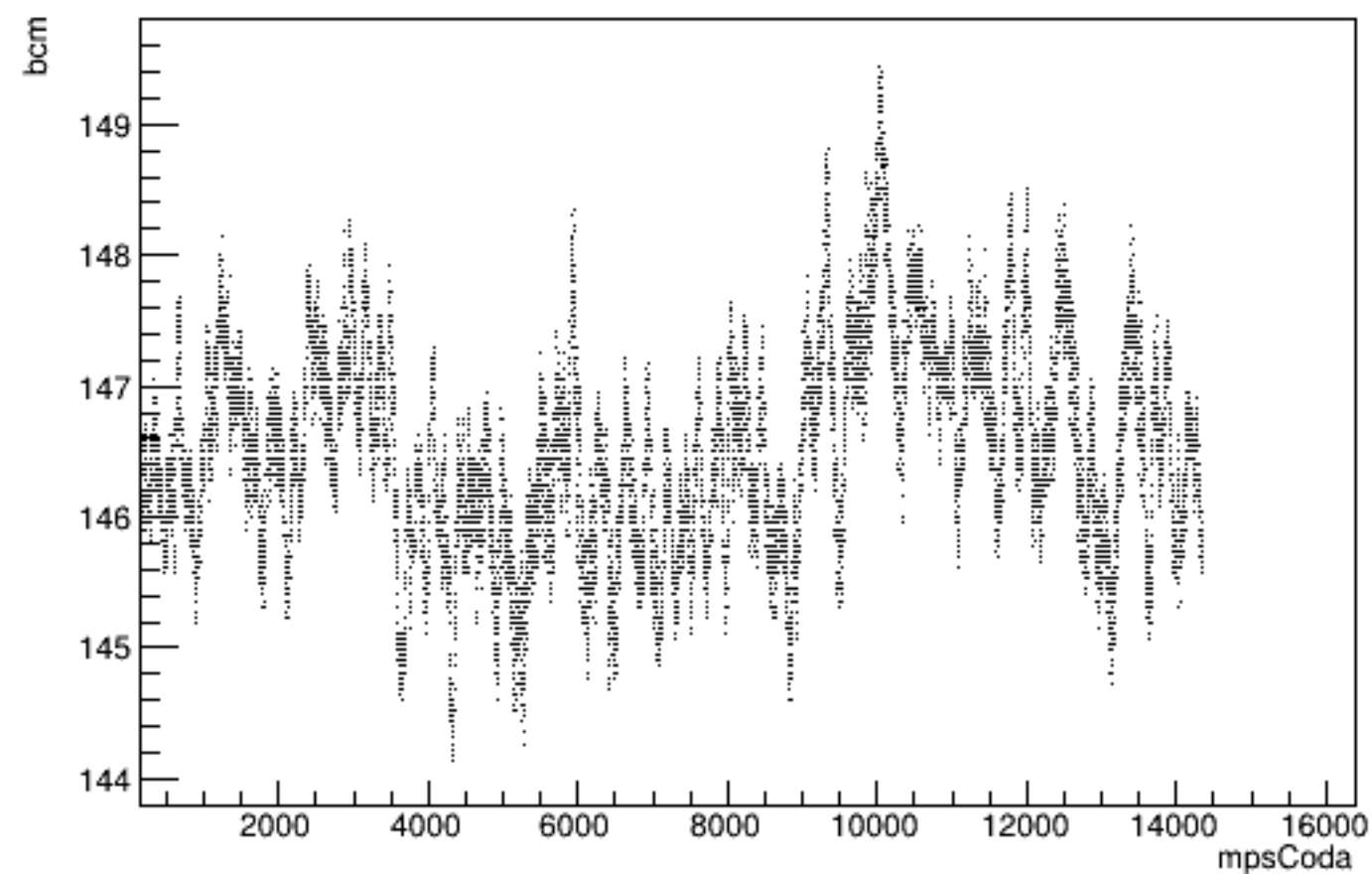
beamState + 1:mpsCoda {mpsCoda>=142 && mpsCoda<=14353}



cavPowerCalibrated:mpsCoda {mpsCoda>=142 && mpsCoda<=14353}



bcm:mpsCoda {mpsCoda>=142 && mpsCoda<=14353}



Cycle 2, Diffs

Entries: 1294

Mean: 0.0017 +/- 0.0101

Std Dev: 0.3634 +/- 0.0071

Entries: 1800

Mean: -0.5448 +/- 0.0107

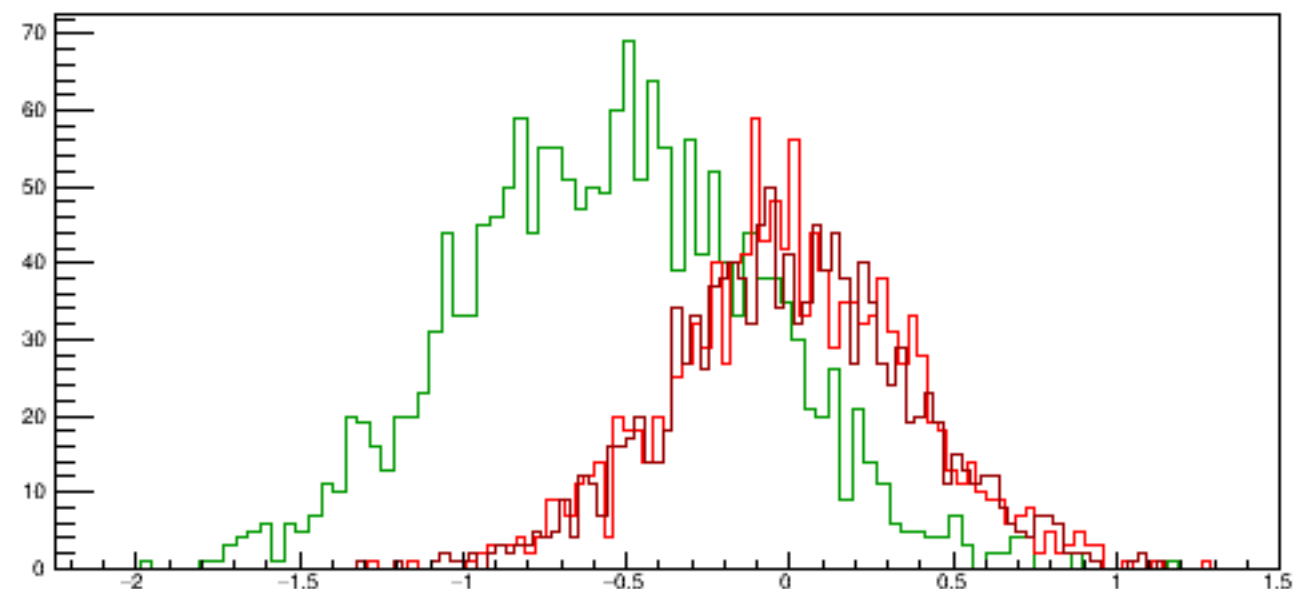
Std Dev: 0.4559 +/- 0.0076

Entries: 1293

Mean: -0.0009 +/- 0.0102

Std Dev: 0.3657 +/- 0.0072

Run 6166 quartetwise, Diffs



Cycle 2, Sums

Entries: 1294

Mean: 6.1527 +/- 0.0106

Std Dev: 0.3814 +/- 0.0075

Entries: 1800

Mean: 22.4446 +/- 0.0118

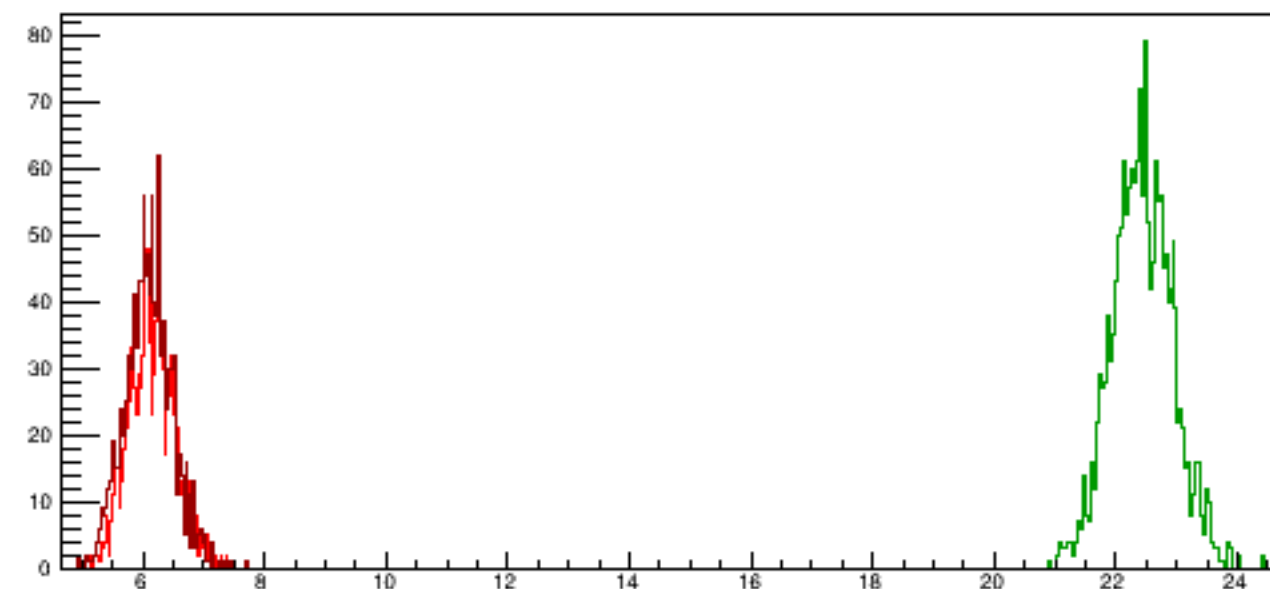
Std Dev: 0.5008 +/- 0.0083

Entries: 1293

Mean: 6.0968 +/- 0.0107

Std Dev: 0.3865 +/- 0.0076

Run 6166 quartetwise, Sums



Cycle 2, Asyms

Entries: 1294

Mean: 0.0001 +/- 0.0006

Std Dev: 0.0223 +/- 0.0004

Entries: 1800

Mean: -0.0334 +/- 0.0007

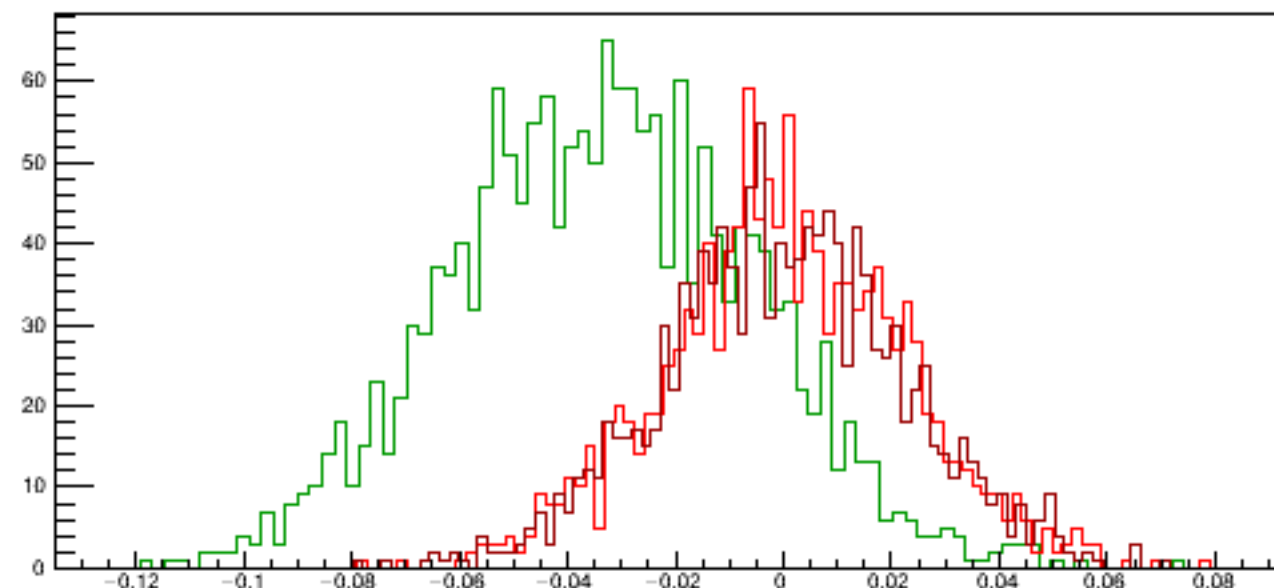
Std Dev: 0.0279 +/- 0.0005

Entries: 1293

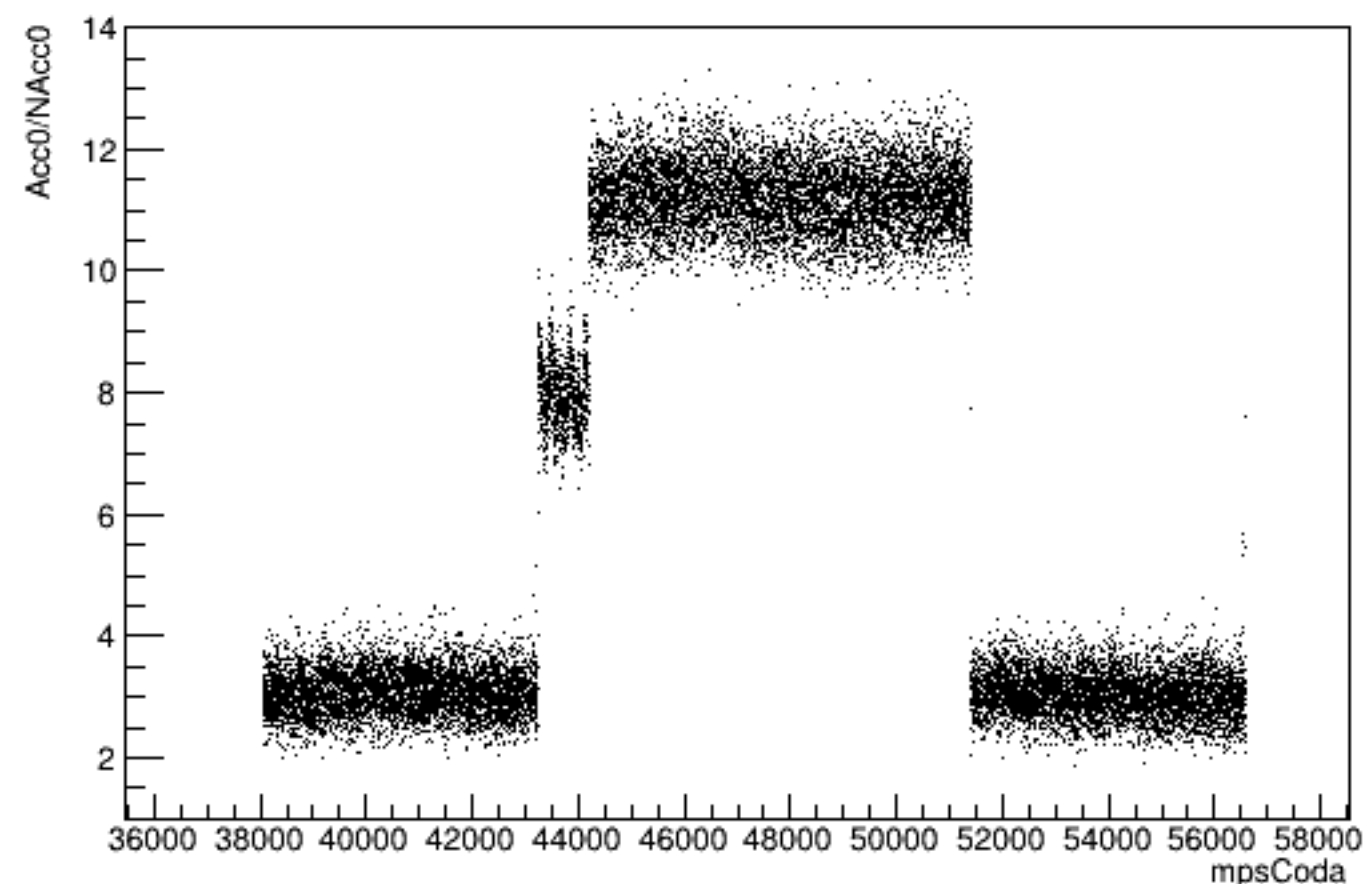
Mean: -0.0001 +/- 0.0006

Std Dev: 0.0224 +/- 0.0004

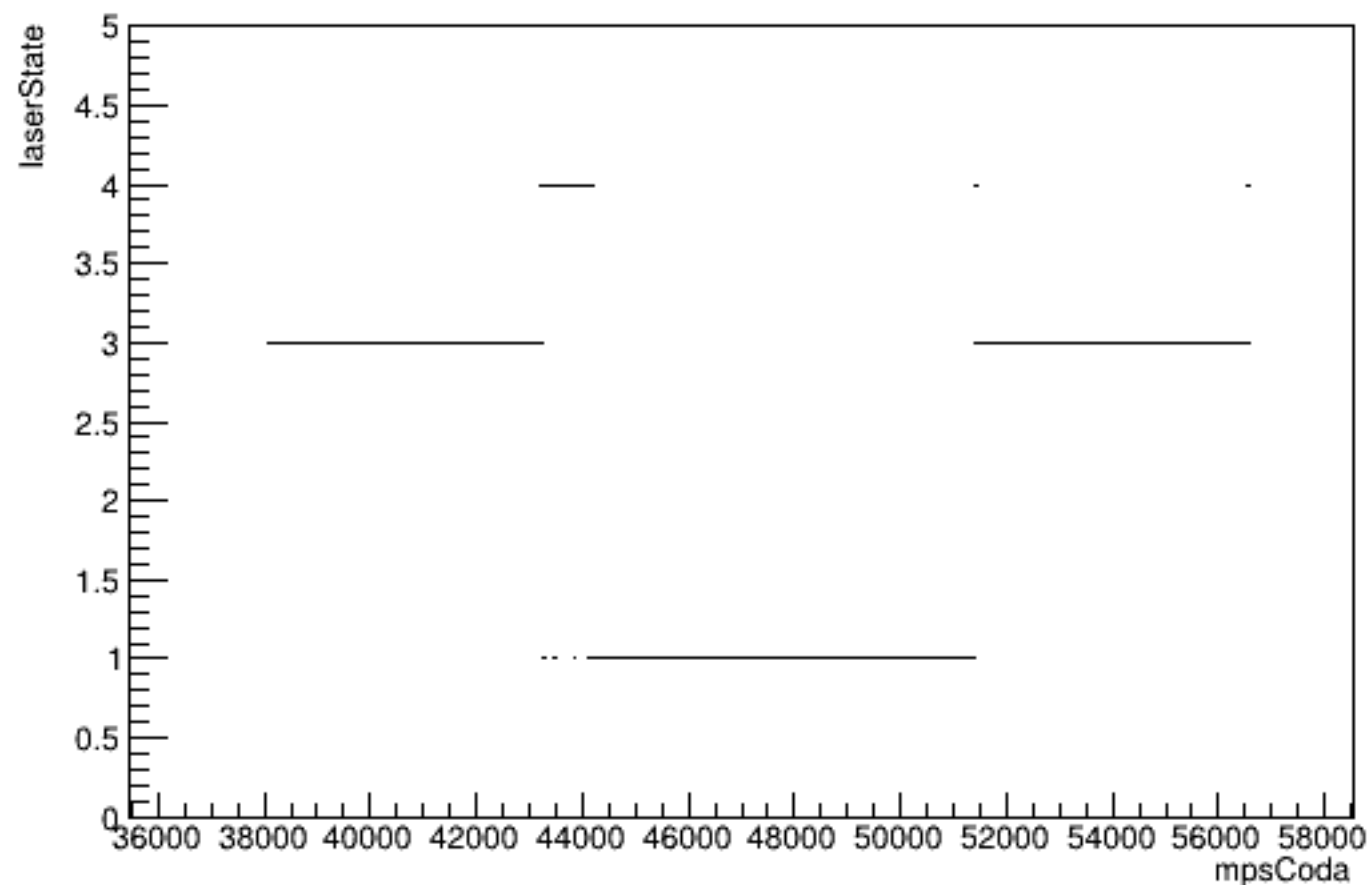
Run 6166 quartetwise, Asyms



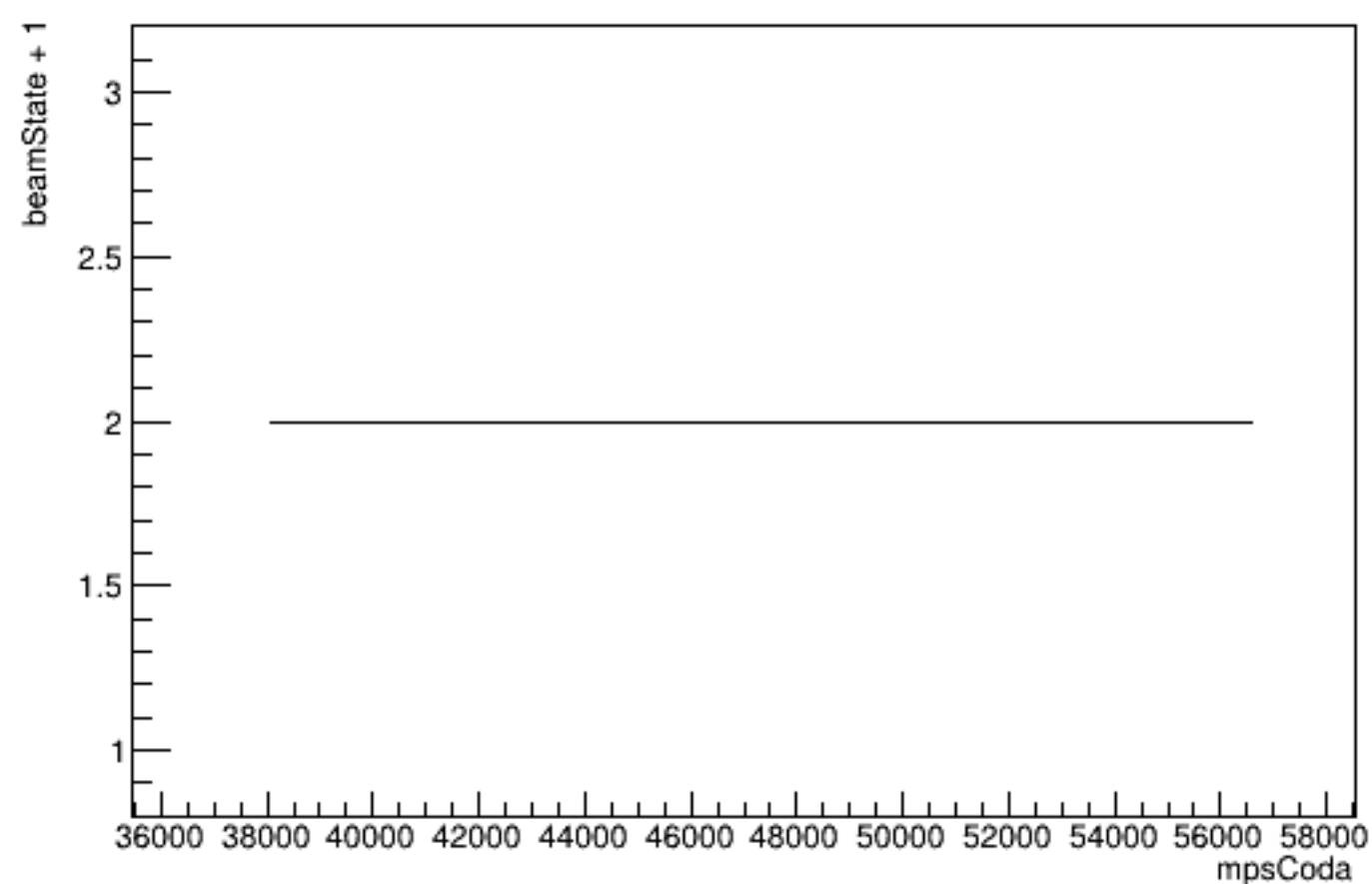
Acc0/NAcc0:mpsCoda {mpsCoda>=38050 && mpsCoda<=56585 && beamState==1}



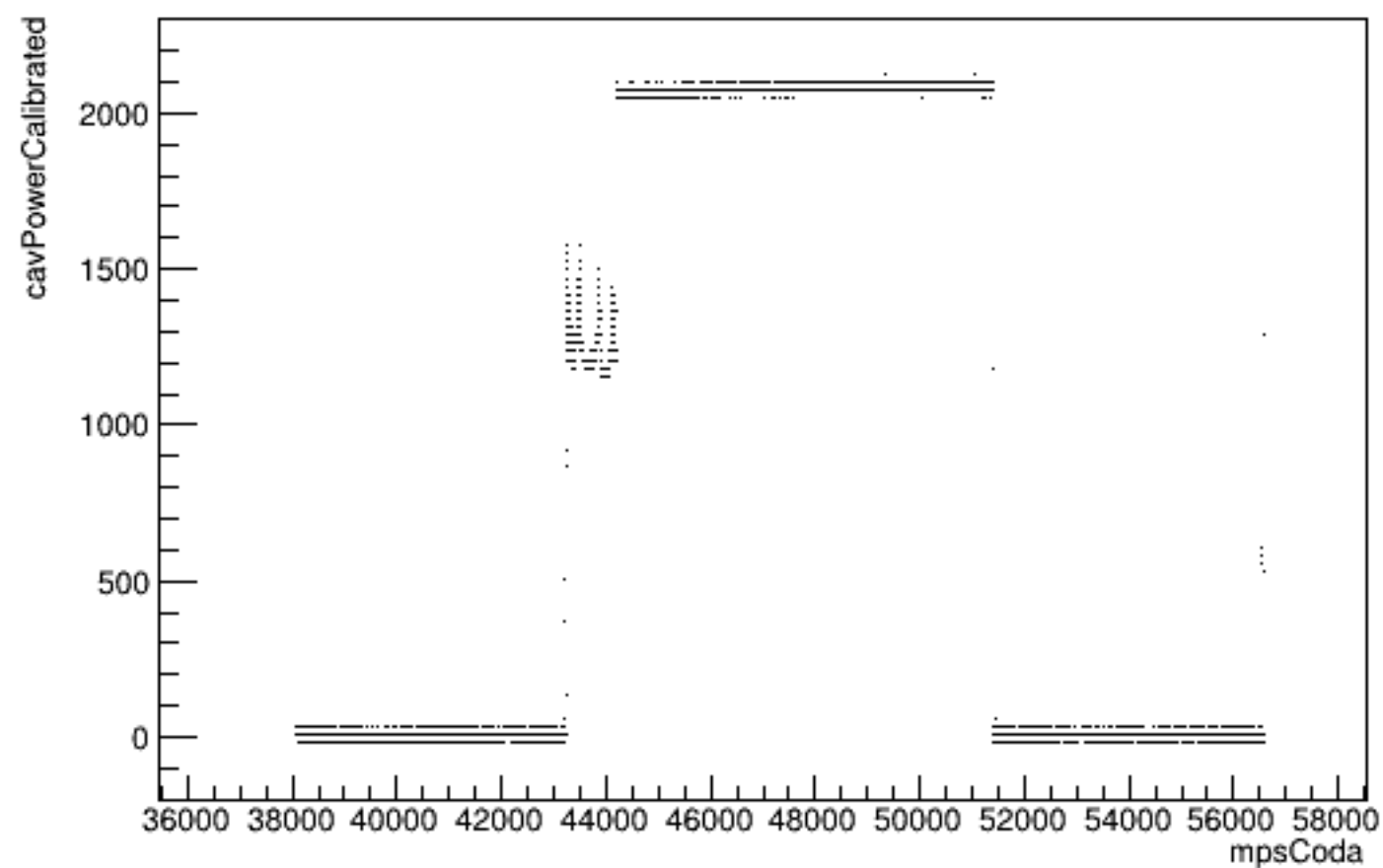
laserState:mpsCoda {mpsCoda>=38050 && mpsCoda<=56585}



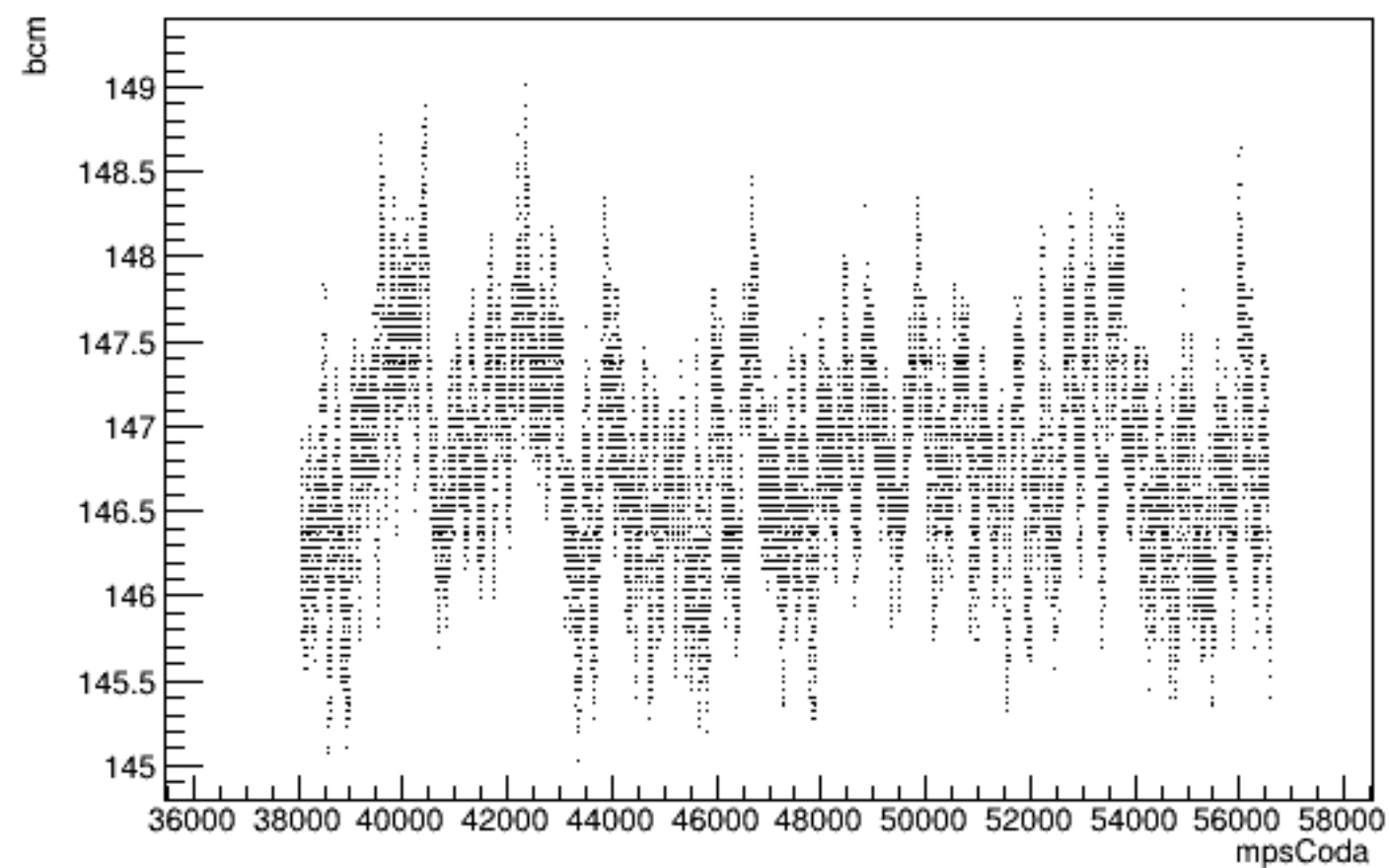
beamState + 1:mpsCoda {mpsCoda>=38050 && mpsCoda<=56585}



cavPowerCalibrated:mpsCoda {mpsCoda>=38050 && mpsCoda<=56585}



bcm:mpsCoda {mpsCoda>=38050 && mpsCoda<=56585}



Cycle 3, Diffs

Entries: 1293

Mean: -0.0009 +/- 0.0102

Std Dev: 0.3657 +/- 0.0072

Entries: 708

Mean: -0.5377 +/- 0.0166

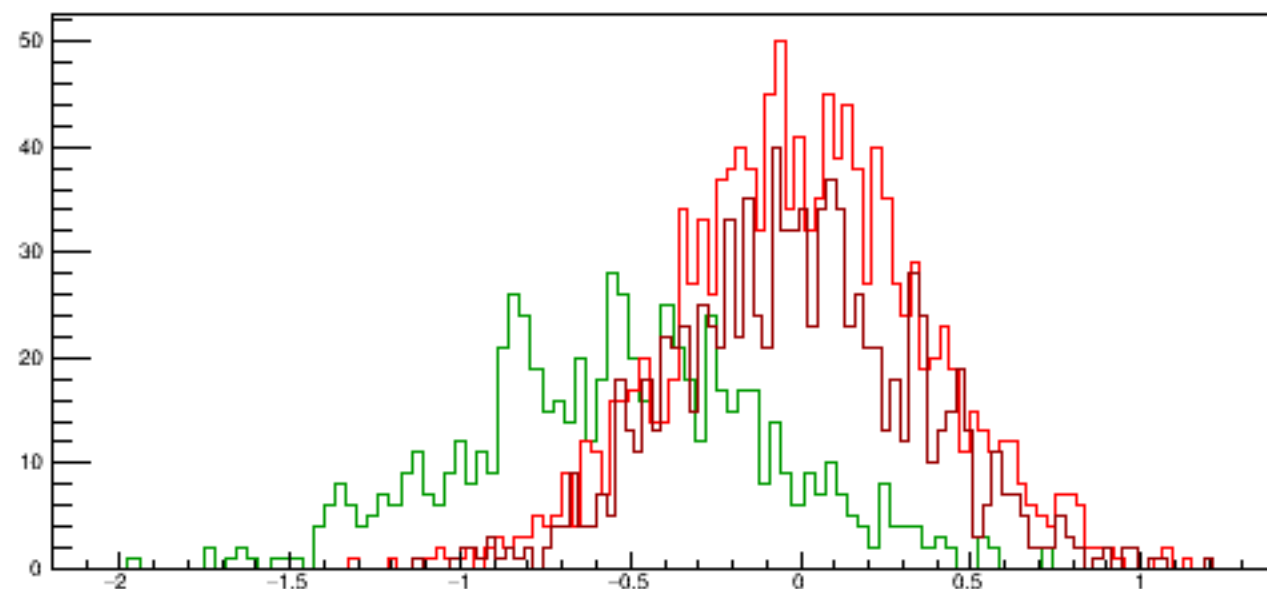
Std Dev: 0.4409 +/- 0.0117

Entries: 1000

Mean: -0.0139 +/- 0.0112

Std Dev: 0.3548 +/- 0.0079

Run 6166 quartetwise, Diffs



Cycle 3, Sums

Entries: 1293

Mean: 6.0968 +/- 0.0107

Std Dev: 0.3865 +/- 0.0076

Entries: 708

Mean: 22.3726 +/- 0.0199

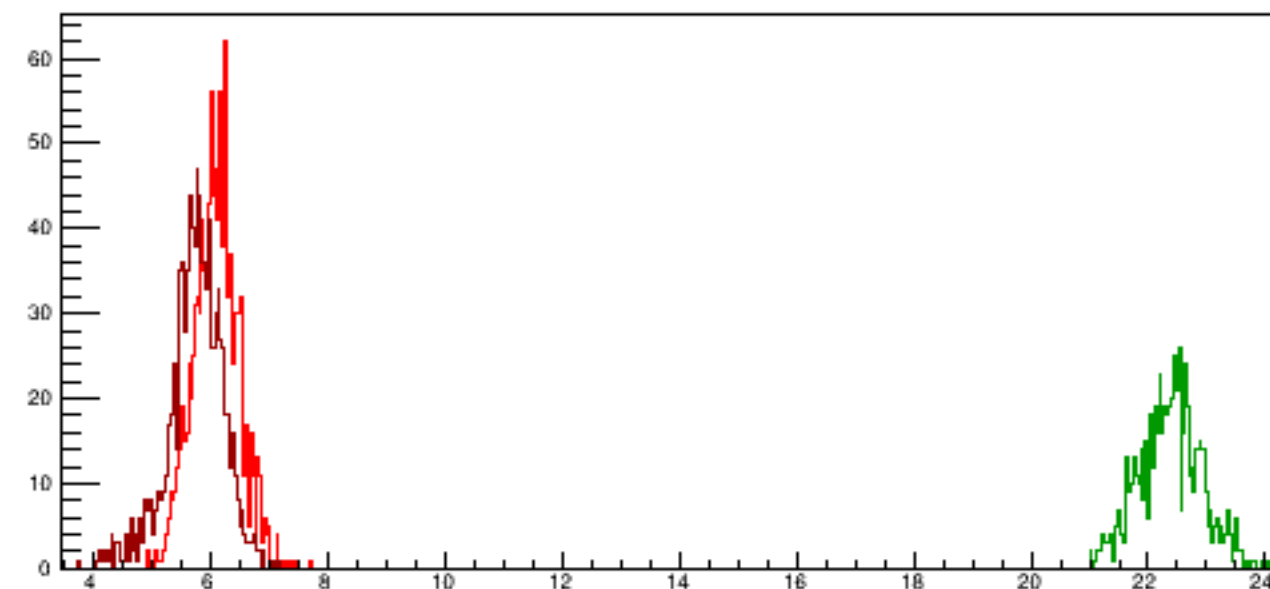
Std Dev: 0.5301 +/- 0.0141

Entries: 1000

Mean: 5.7470 +/- 0.0150

Std Dev: 0.4734 +/- 0.0106

Run 6166 quartetwise, Sums



Cycle 3, Asyms

Entries: 1293

Mean: -0.0001 +/- 0.0006

Std Dev: 0.0222 +/- 0.0004

Entries: 708

Mean: -0.0327 +/- 0.0010

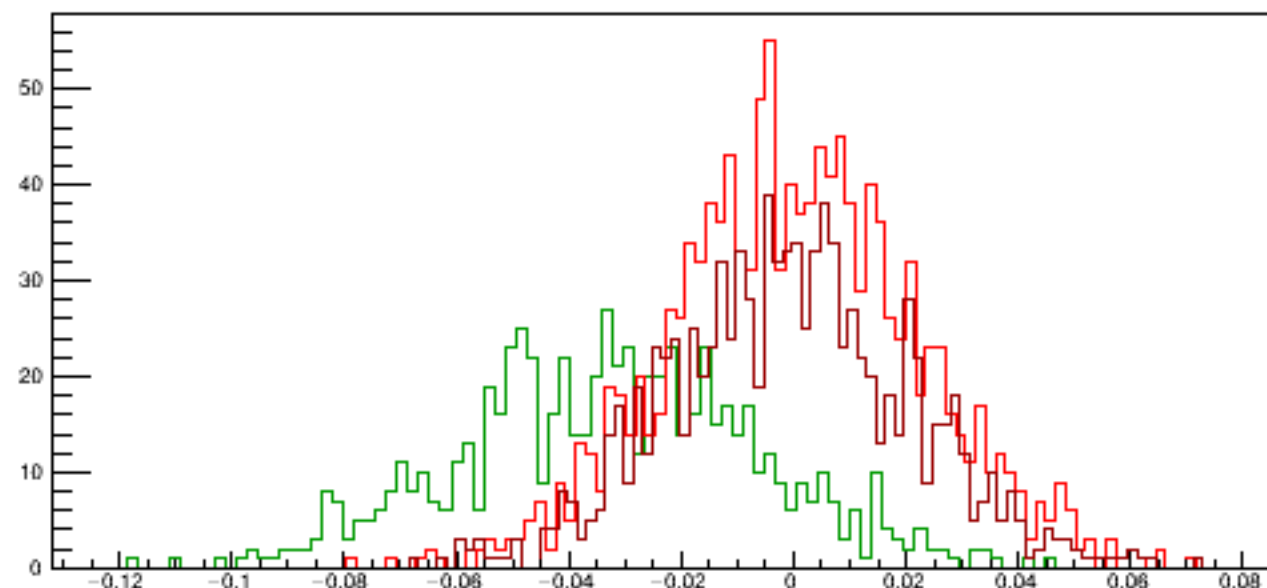
Std Dev: 0.0268 +/- 0.0007

Entries: 1000

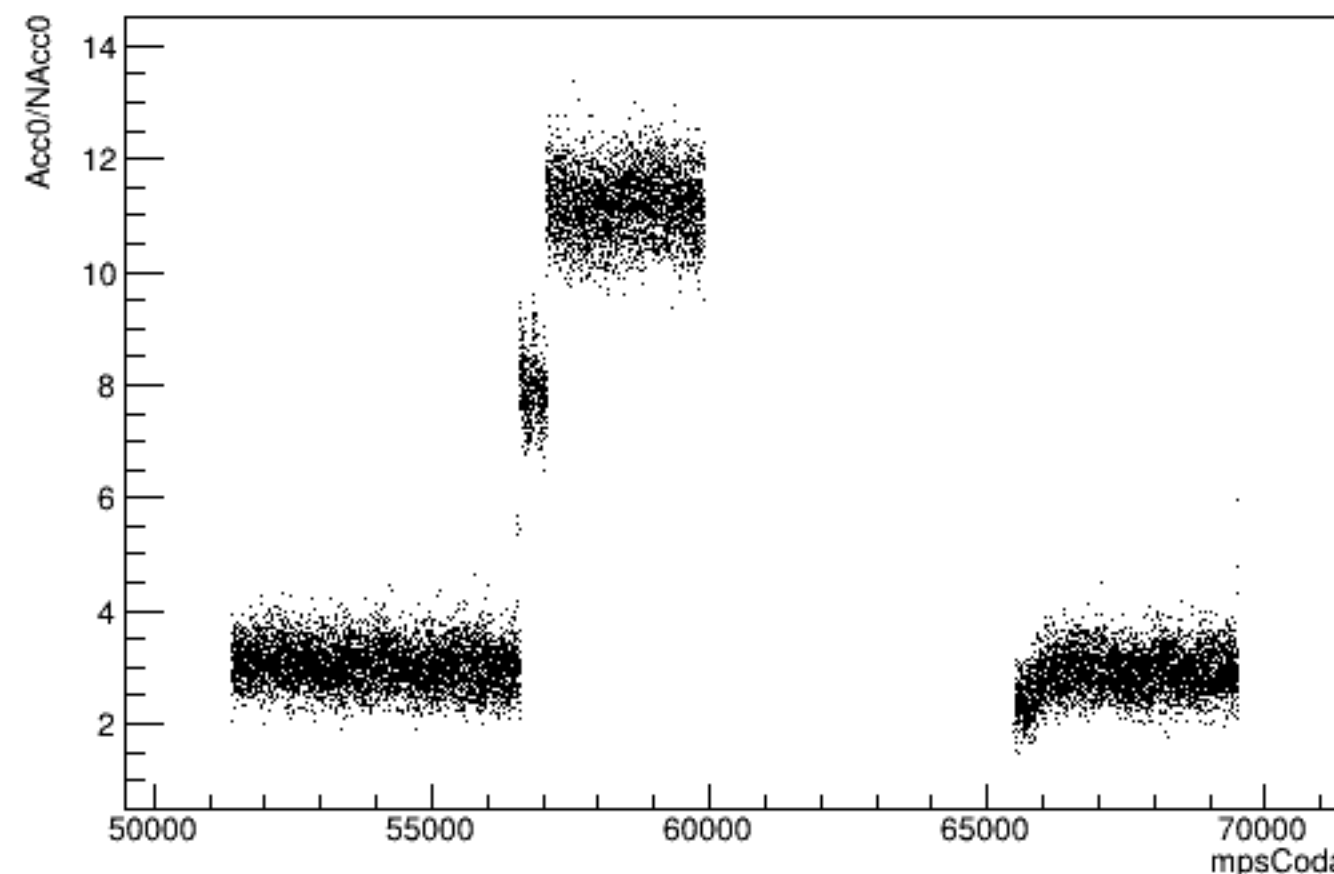
Mean: -0.0008 +/- 0.0007

Std Dev: 0.0216 +/- 0.0005

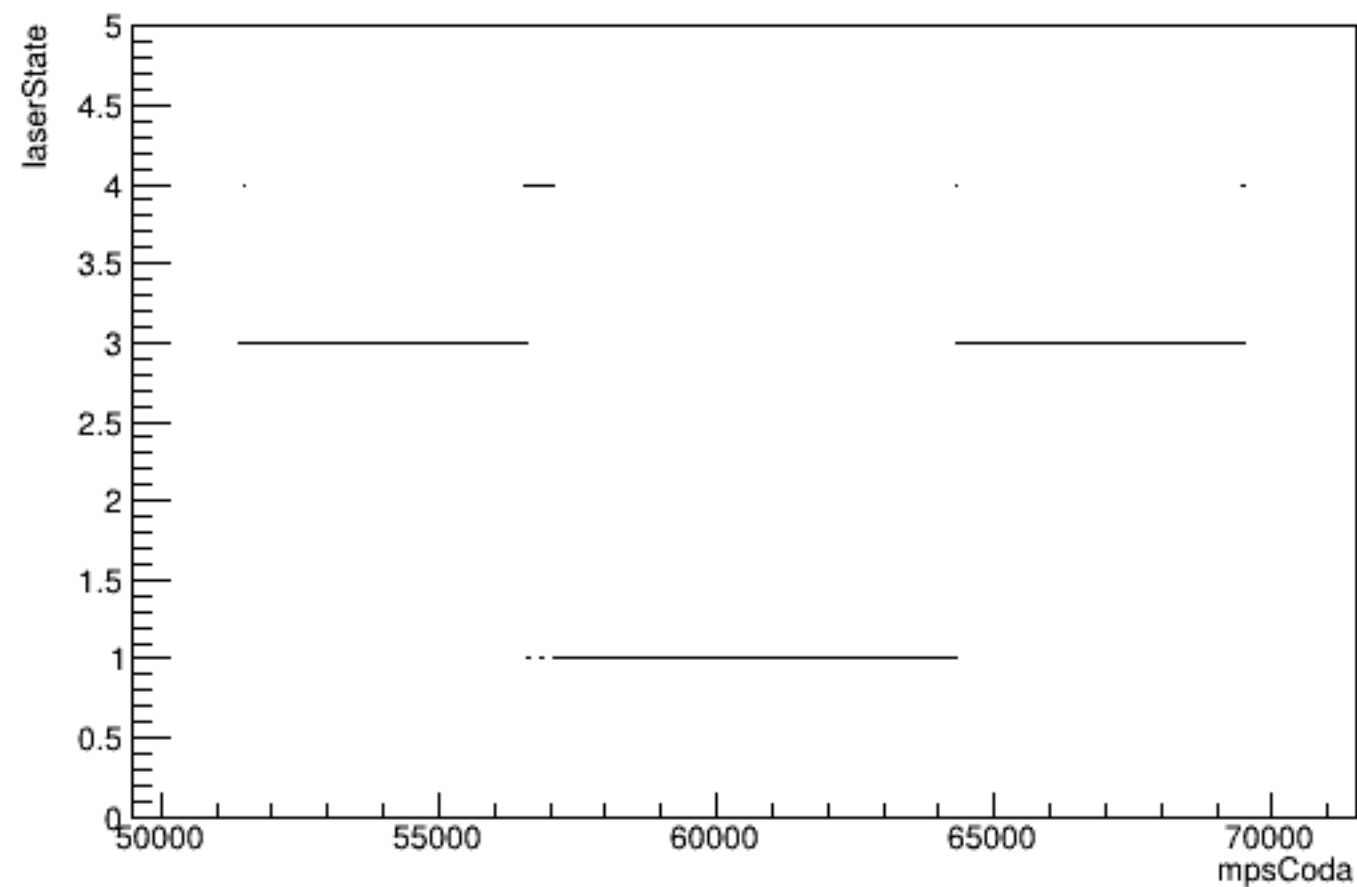
Run 6166 quartetwise, Asyms



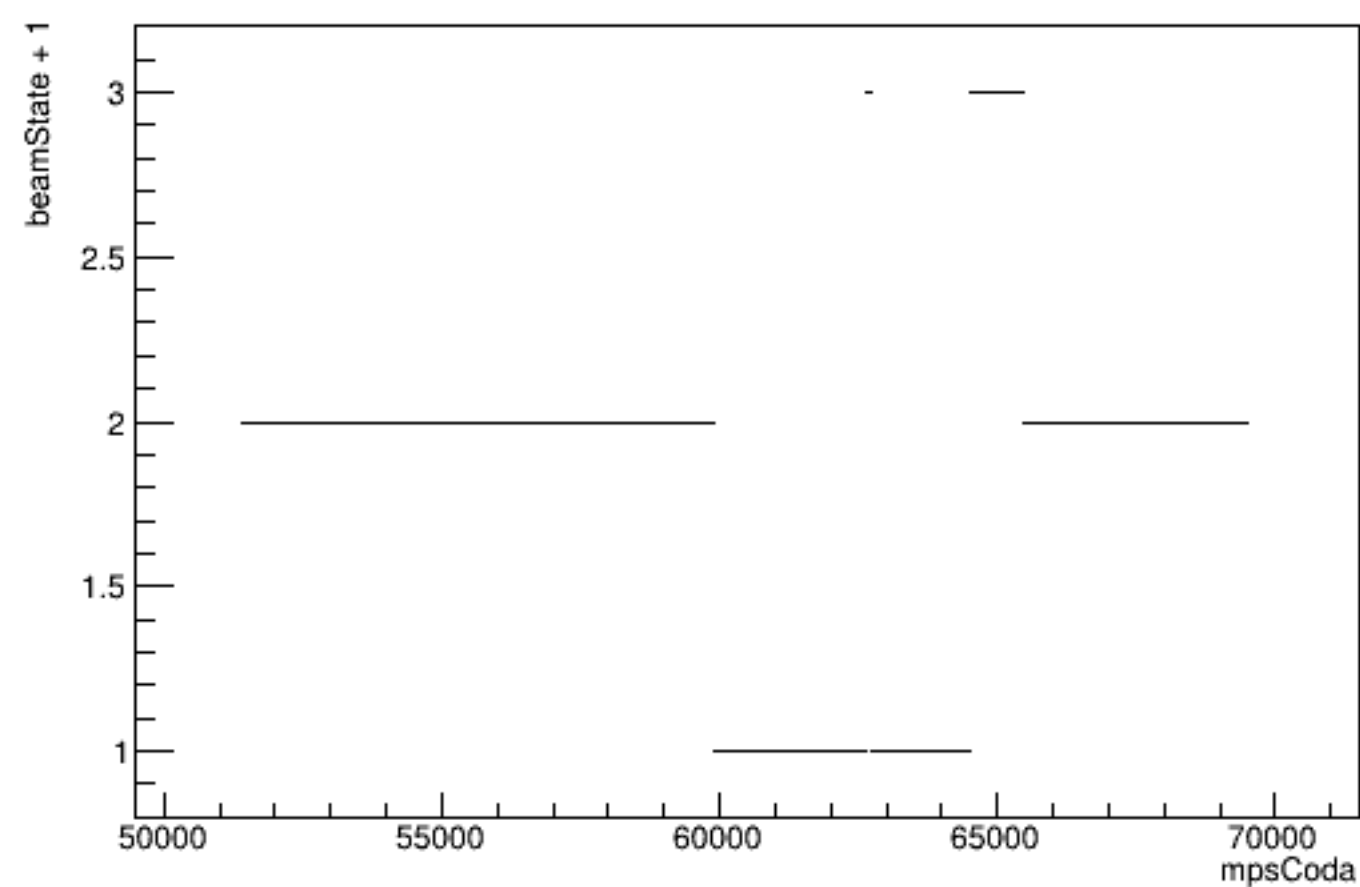
Acc0/NAcc0:mpsCoda {mpsCoda>=51402 && mpsCoda<=69513 && beamState==1}



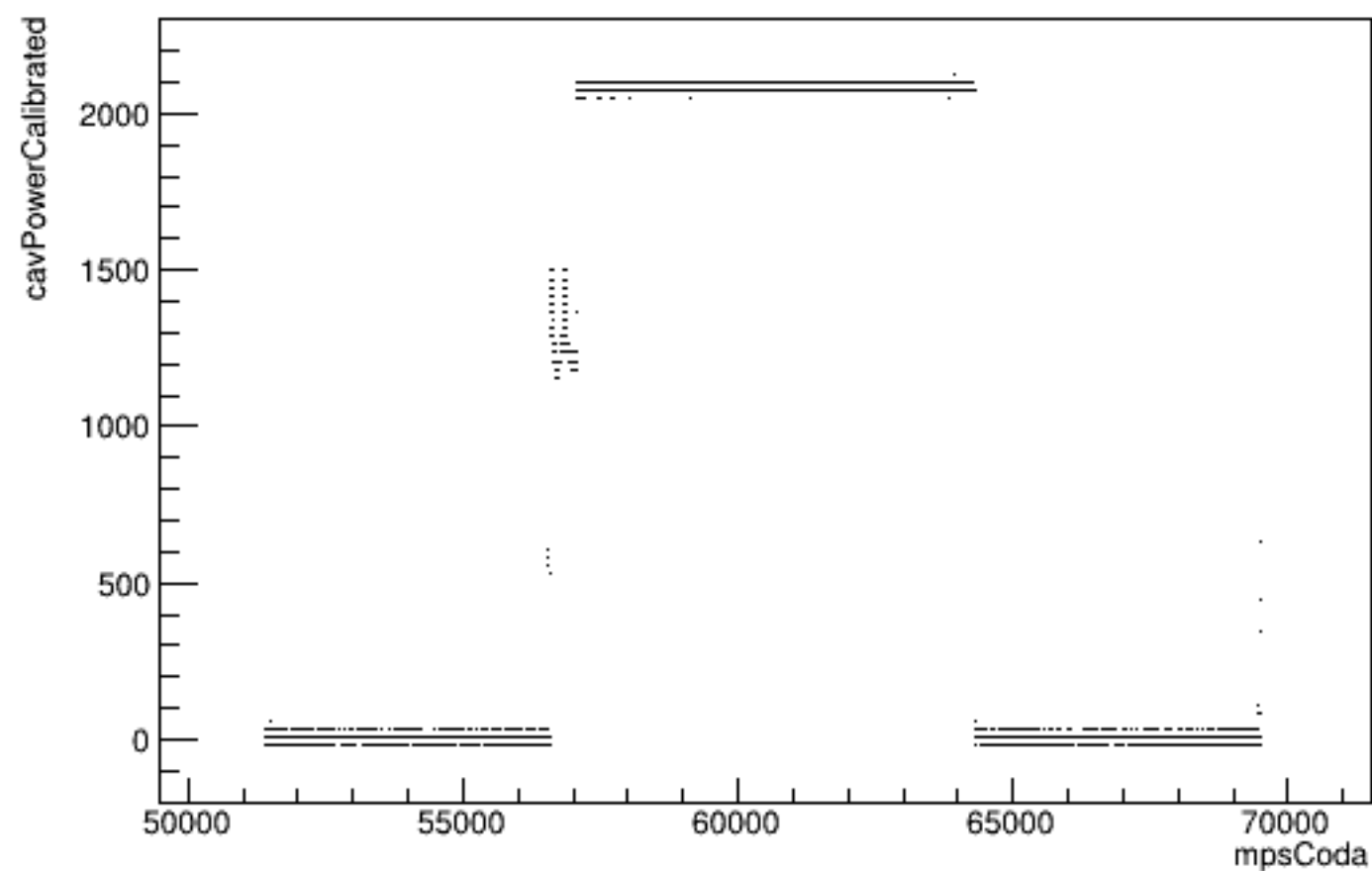
laserState:mpsCoda {mpsCoda>=51402 && mpsCoda<=69513}



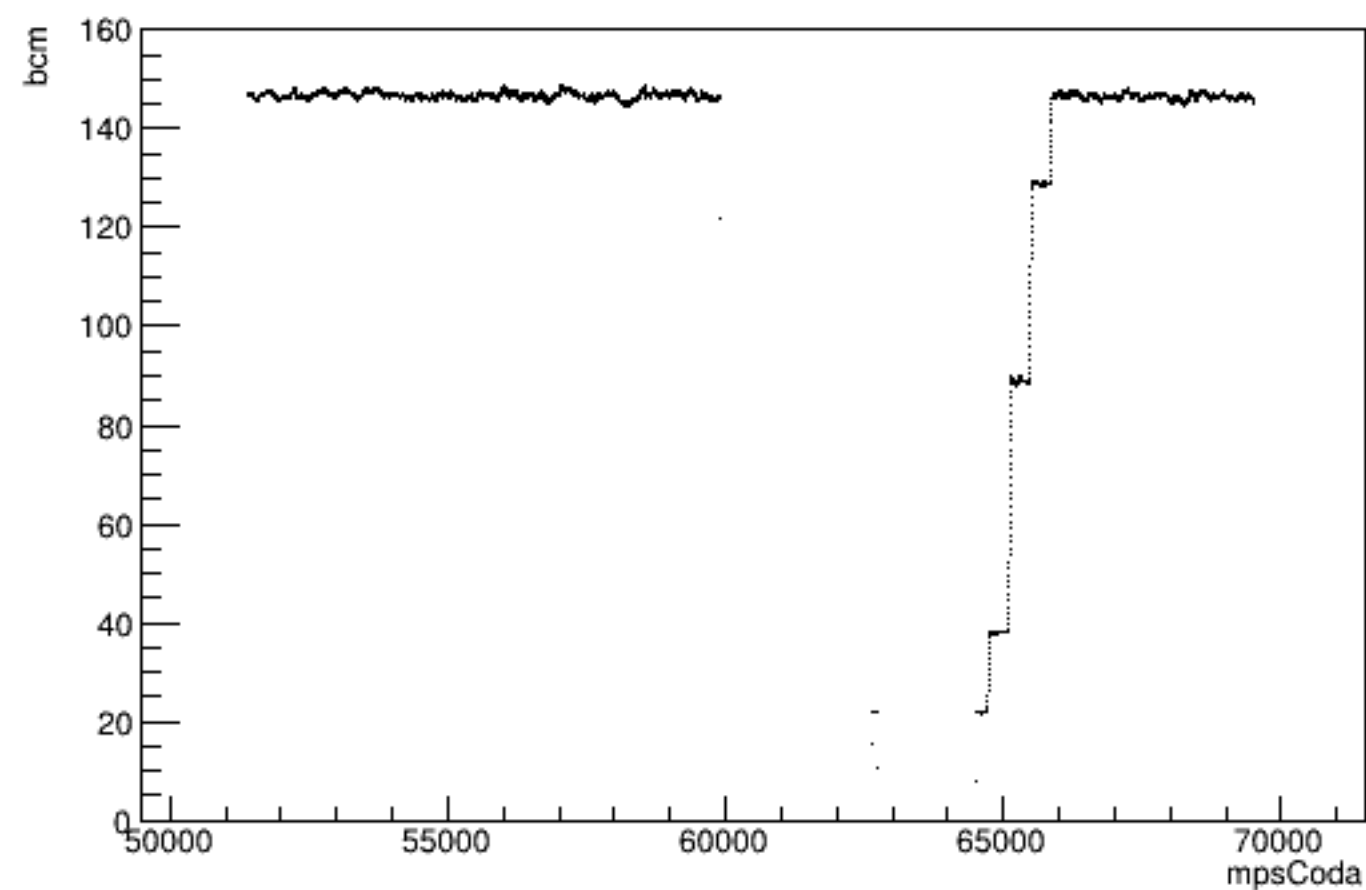
beamState + 1:mpsCoda {mpsCoda>=51402 && mpsCoda<=69513}



cavPowerCalibrated:mpsCoda {mpsCoda>=51402 && mpsCoda<=69513}



bcm:mpsCoda {mpsCoda>=51402 && mpsCoda<=69513}



Cycle 4, Diffs

Entries: 1000

Mean: -0.0139 +/- 0.0112

Std Dev: 0.3548 +/- 0.0079

Entries: 1807

Mean: -0.5183 +/- 0.0105

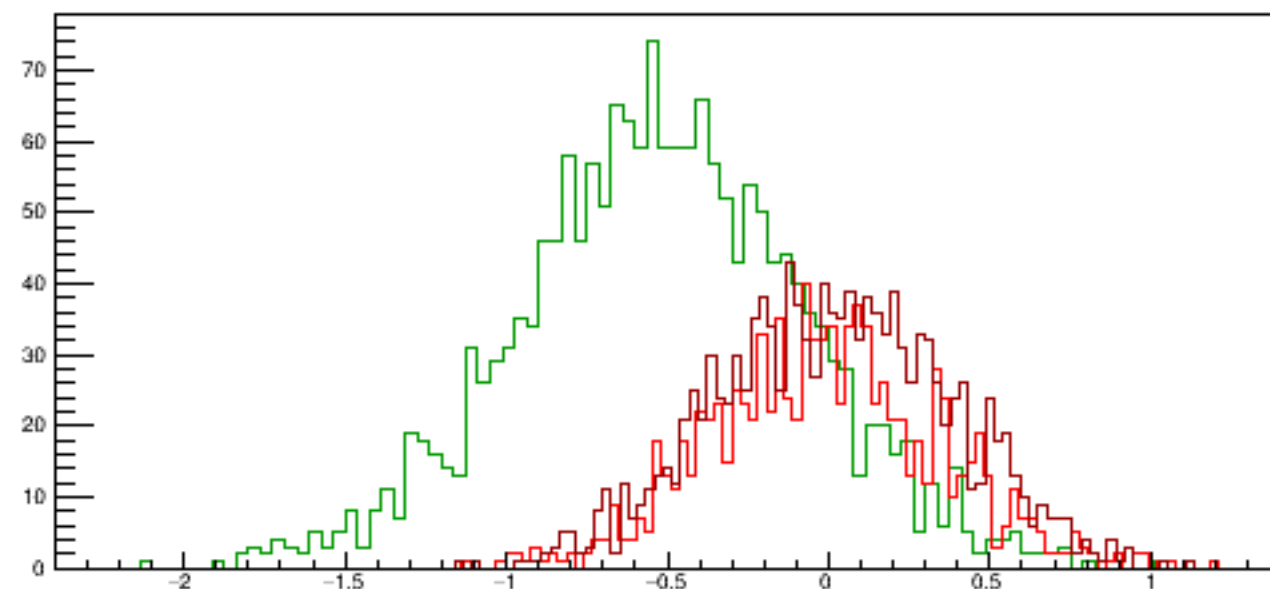
Std Dev: 0.4454 +/- 0.0074

Entries: 1302

Mean: 0.0096 +/- 0.0101

Std Dev: 0.3631 +/- 0.0071

Run 6166 quartetwise, Diffs



Cycle 4, Sums

Entries: 1000

Mean: 5.7470 +/- 0.0150

Std Dev: 0.4734 +/- 0.0106

Entries: 1807

Mean: 22.3751 +/- 0.0113

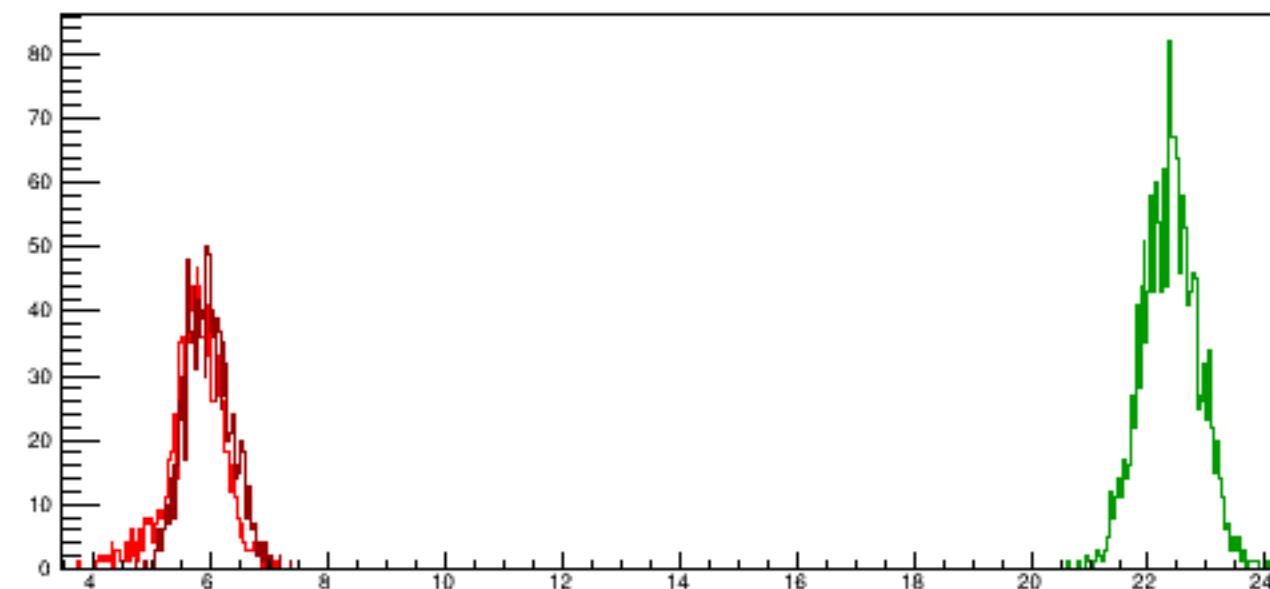
Std Dev: 0.4802 +/- 0.0080

Entries: 1302

Mean: 5.9624 +/- 0.0108

Std Dev: 0.3888 +/- 0.0076

Run 6166 quartetwise, Sums



Cycle 4, Asyms

Entries: 1000

Mean: -0.0008 +/- 0.0007

Std Dev: 0.0215 +/- 0.0005

Entries: 1807

Mean: -0.0314 +/- 0.0006

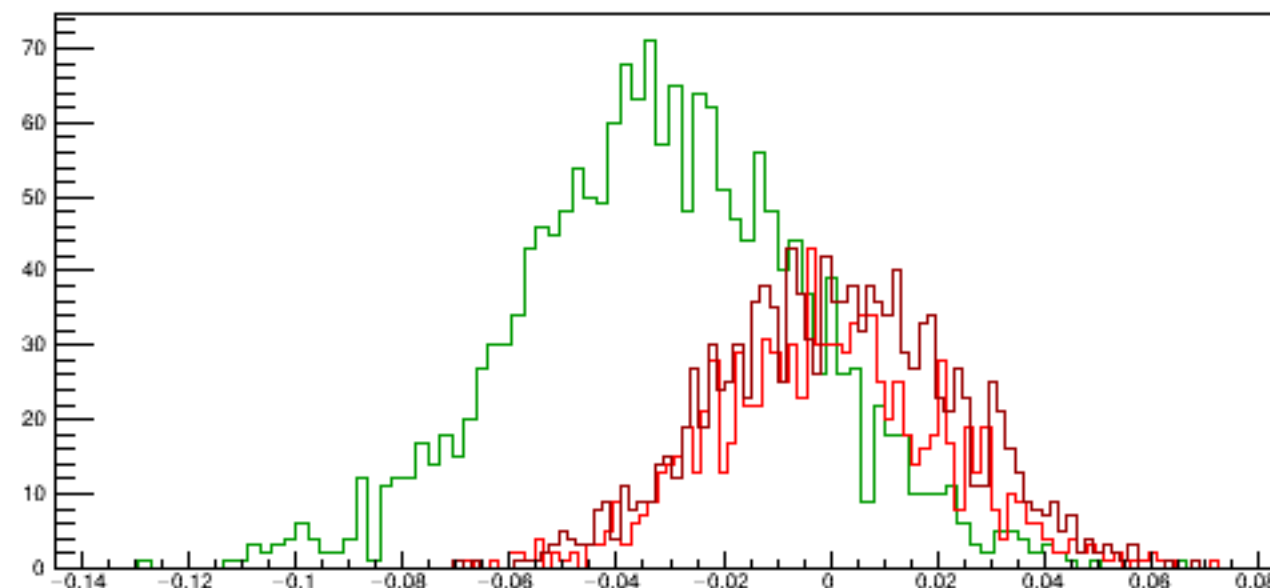
Std Dev: 0.0269 +/- 0.0004

Entries: 1302

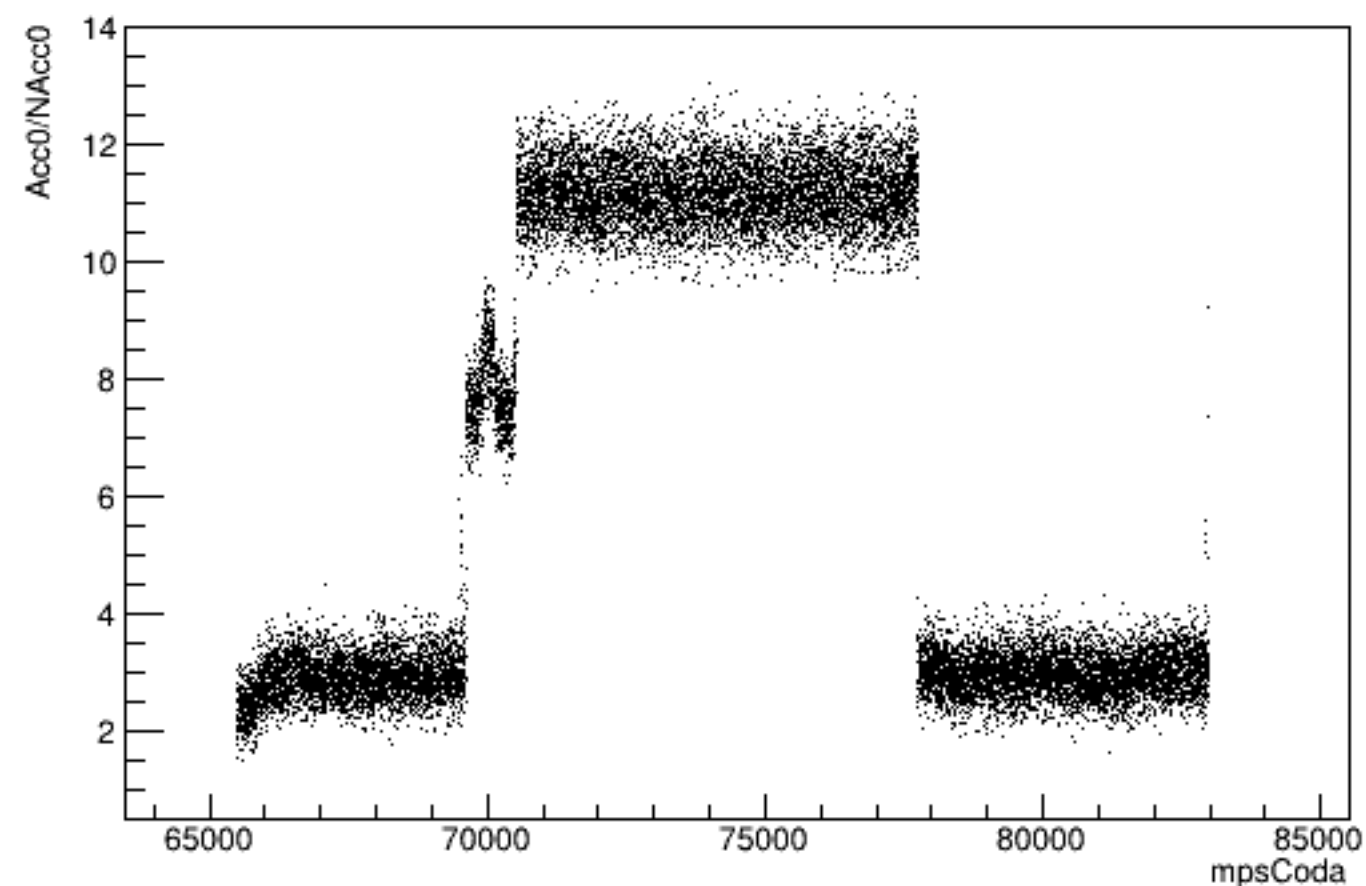
Mean: 0.0006 +/- 0.0006

Std Dev: 0.0220 +/- 0.0004

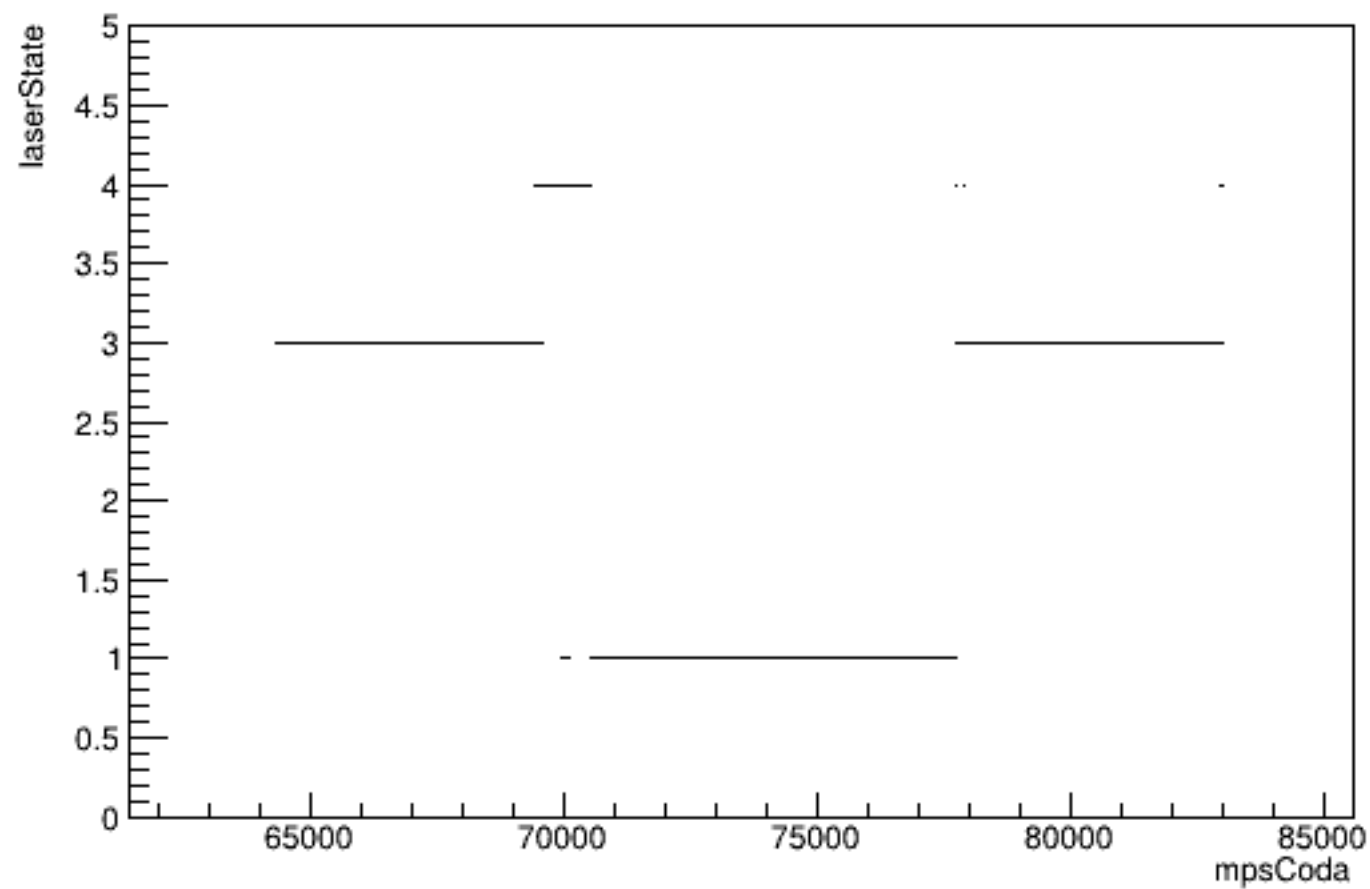
Run 6166 quartetwise, Asyms



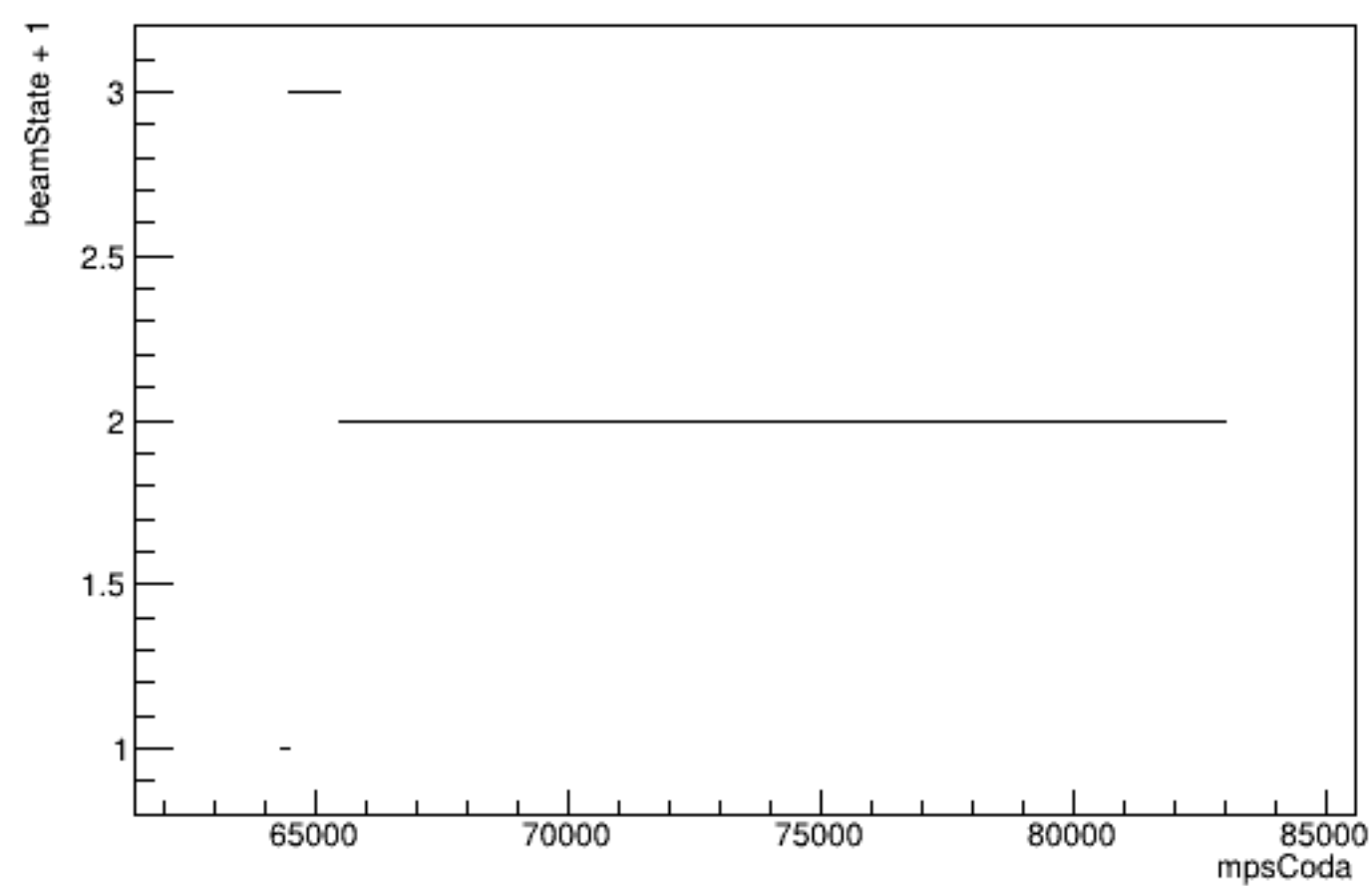
Acc0/NAcc0:mpsCoda {mpsCoda>=64298 && mpsCoda<=82985 && beamState==1}



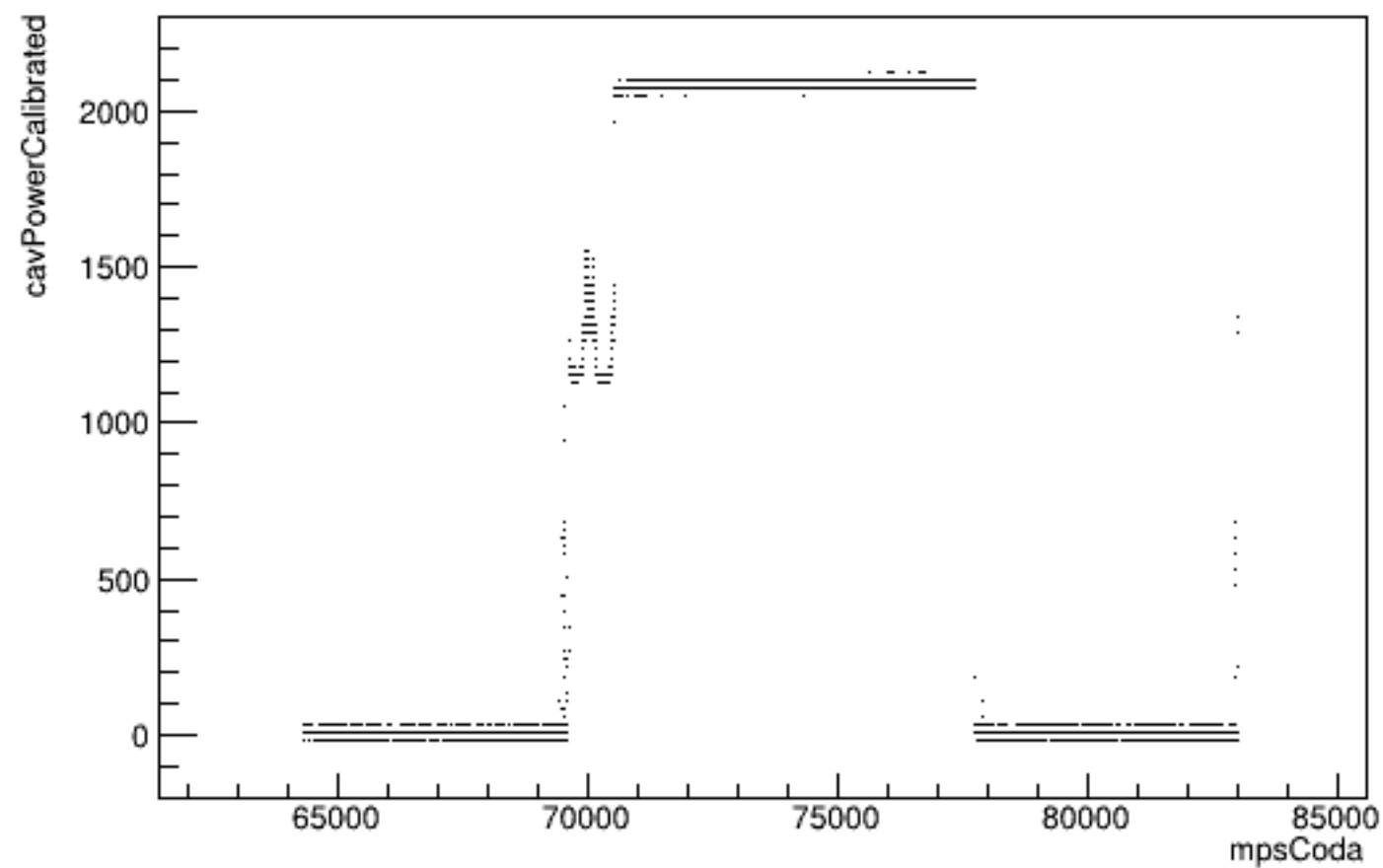
laserState:mpsCoda {mpsCoda>=64298 && mpsCoda<=82985}



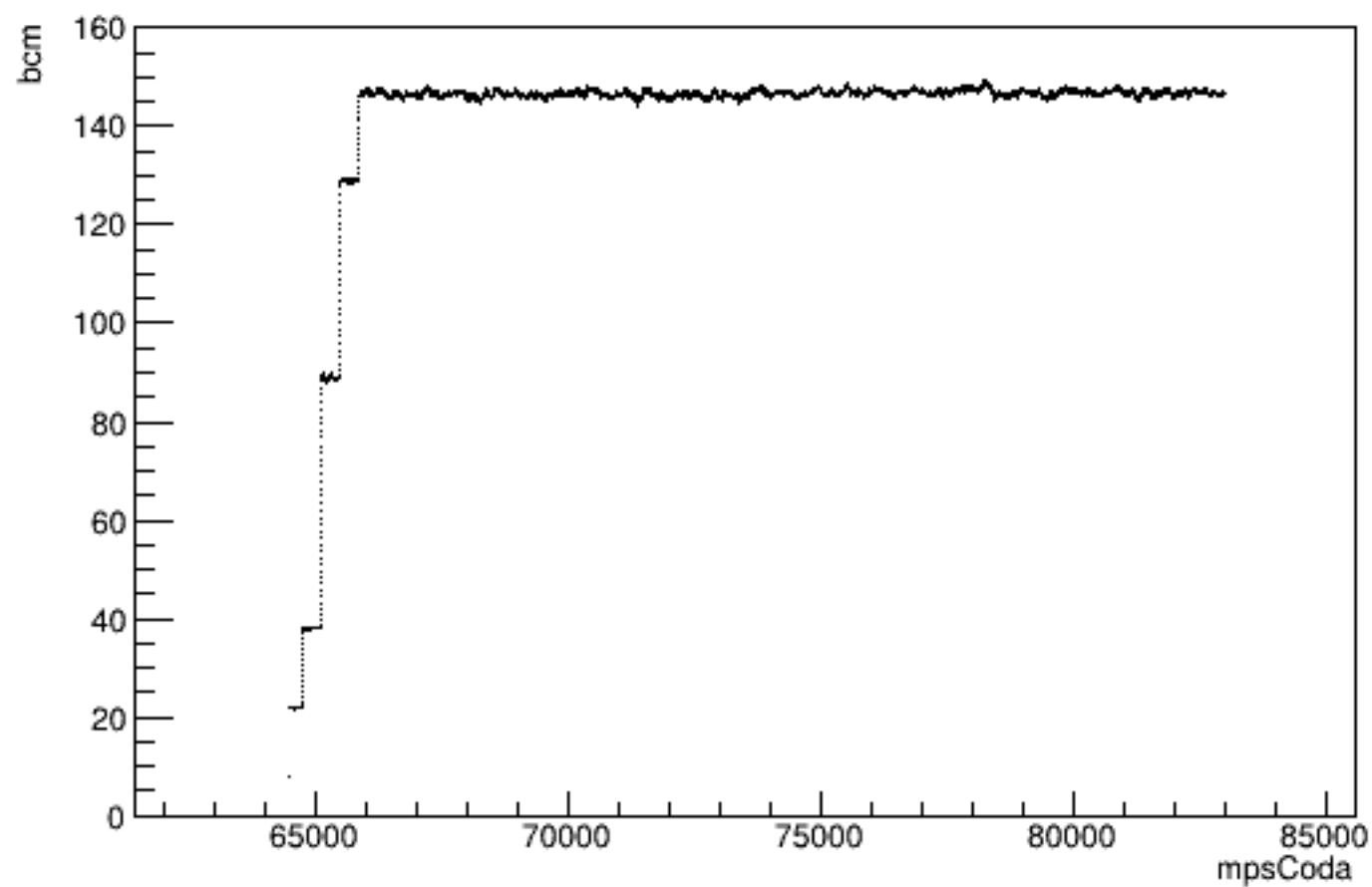
beamState + 1:mpsCoda {mpsCoda>=64298 && mpsCoda<=82985}



cavPowerCalibrated:mpsCoda {mpsCoda>=64298 && mpsCoda<=82985}



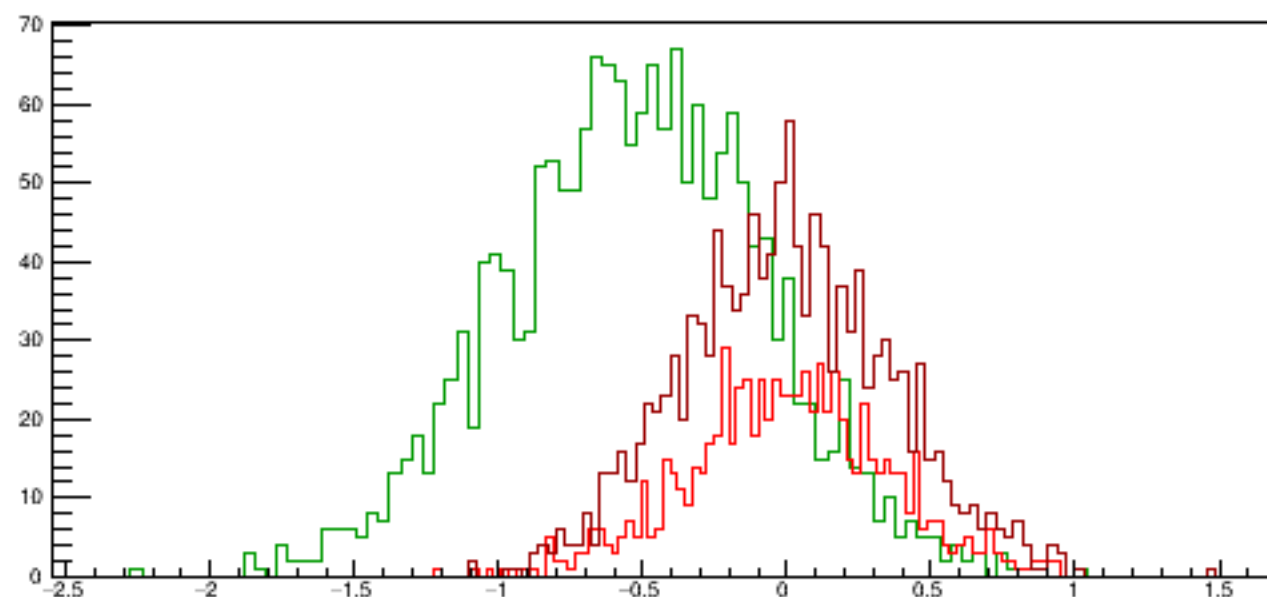
bcm:mpsCoda {mpsCoda>=64298 && mpsCoda<=82985}



Cycle 5, Diffs

Entries: 793	Entries: 1803	Entries: 1290
Mean: -0.0030 +/- 0.0124	Mean: -0.5280 +/- 0.0106	Mean: -0.0043 +/- 0.0101
Std Dev: 0.3491 +/- 0.0088	Std Dev: 0.4509 +/- 0.0075	Std Dev: 0.3615 +/- 0.0071

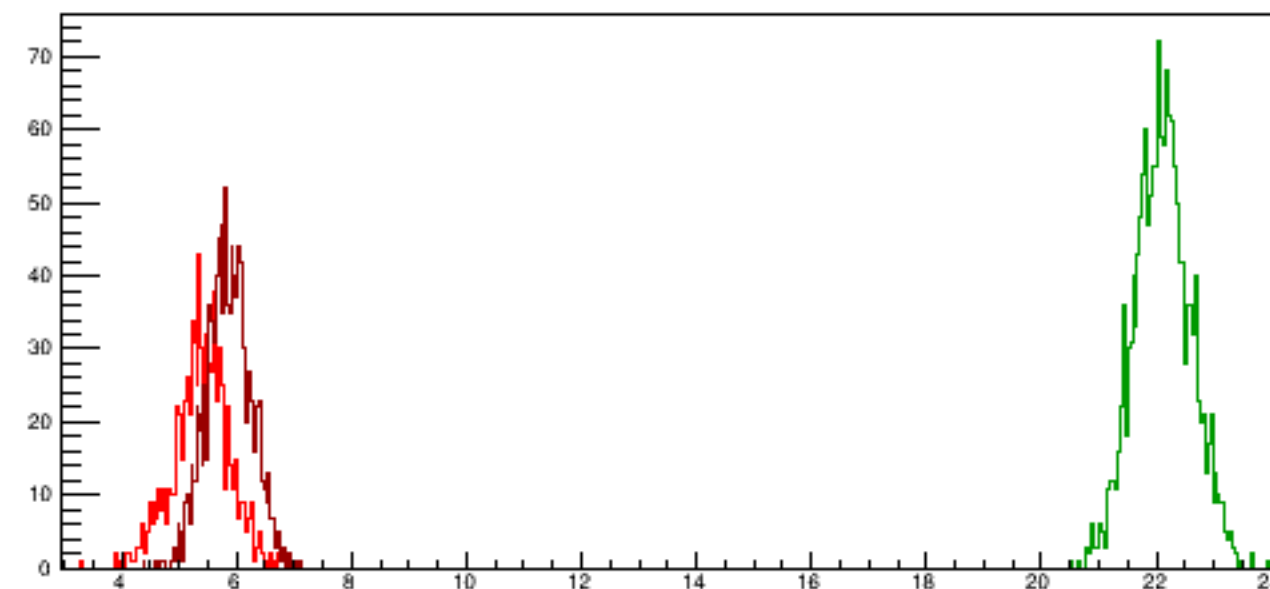
Run 6166 quartetwise, Diffs



Cycle 5, Sums

Entries: 793	Entries: 1803	Entries: 1290
Mean: 5.3848 +/- 0.0172	Mean: 22.1110 +/- 0.0115	Mean: 5.8731 +/- 0.0109
Std Dev: 0.4849 +/- 0.0122	Std Dev: 0.4879 +/- 0.0081	Std Dev: 0.3907 +/- 0.0077

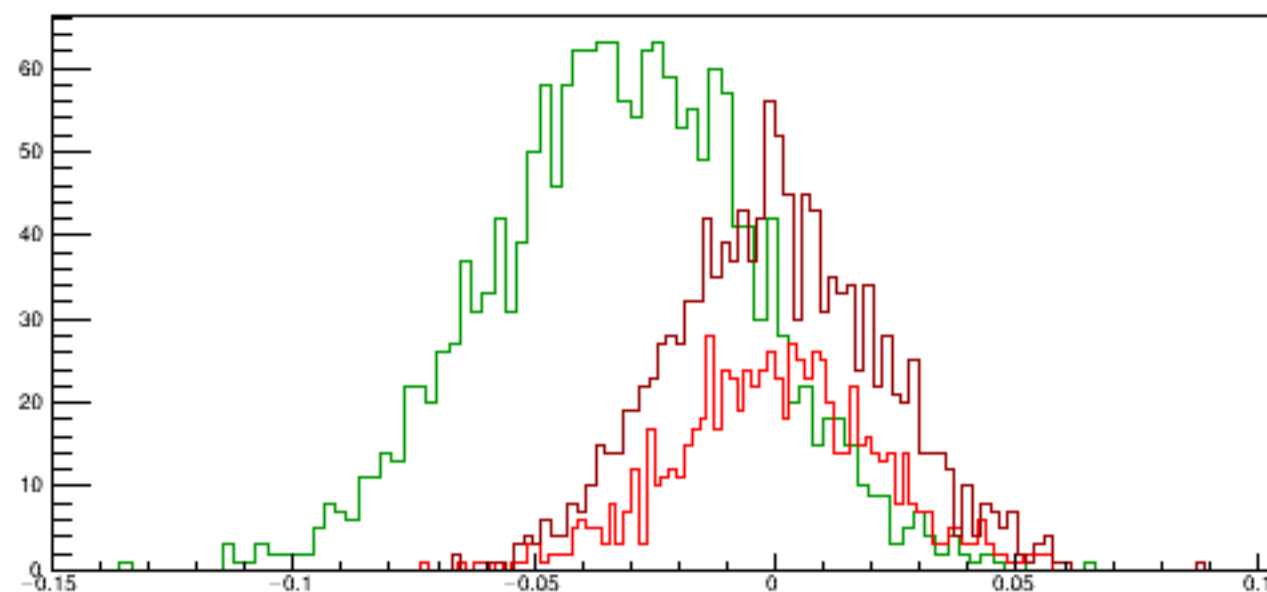
Run 6166 quartetwise, Sums



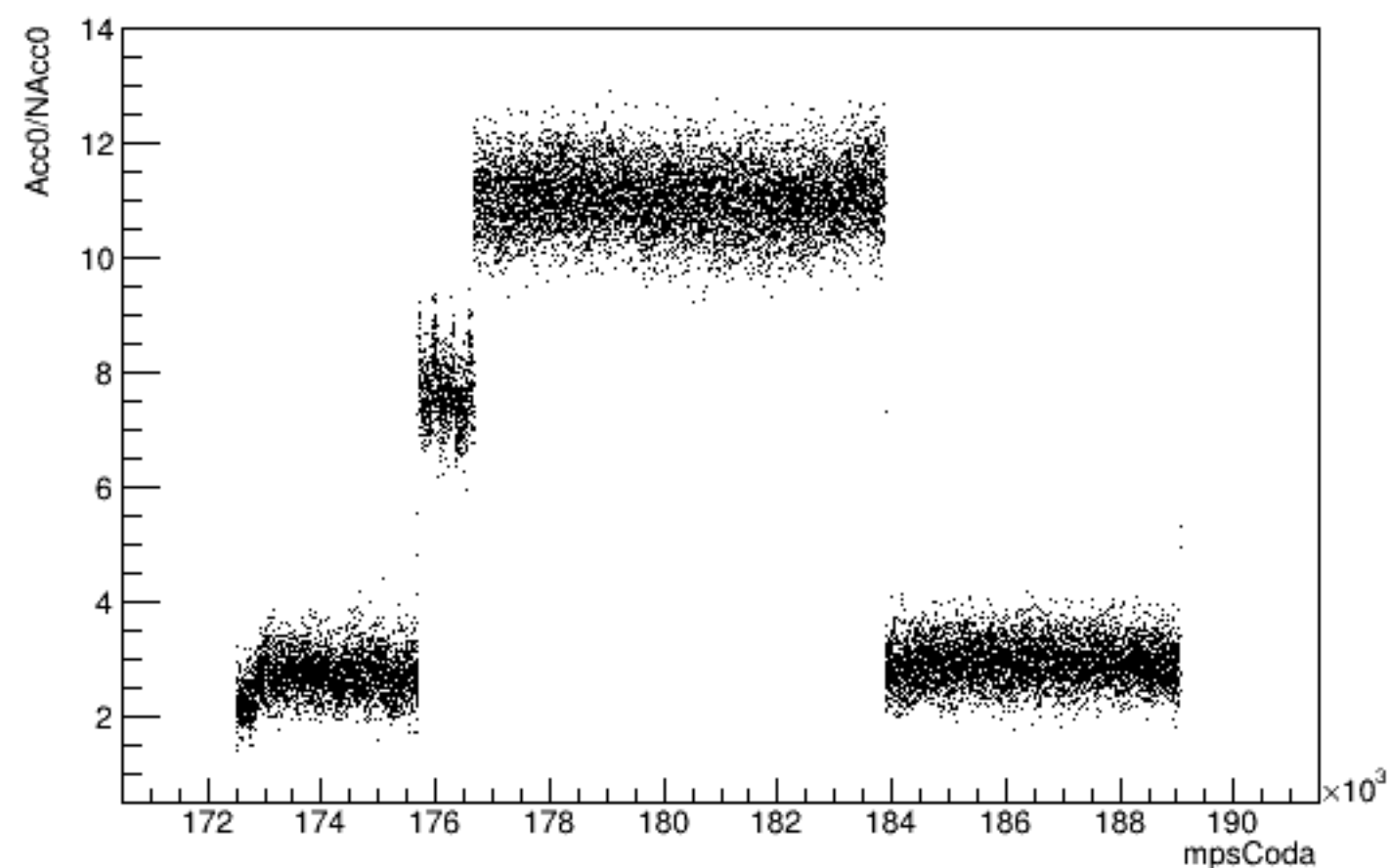
Cycle 5, Asyms

Entries: 793	Entries: 1803	Entries: 1290
Mean: -0.0002 +/- 0.0008	Mean: -0.0321 +/- 0.0006	Mean: -0.0003 +/- 0.0006
Std Dev: 0.0212 +/- 0.0005	Std Dev: 0.0274 +/- 0.0005	Std Dev: 0.0219 +/- 0.0004

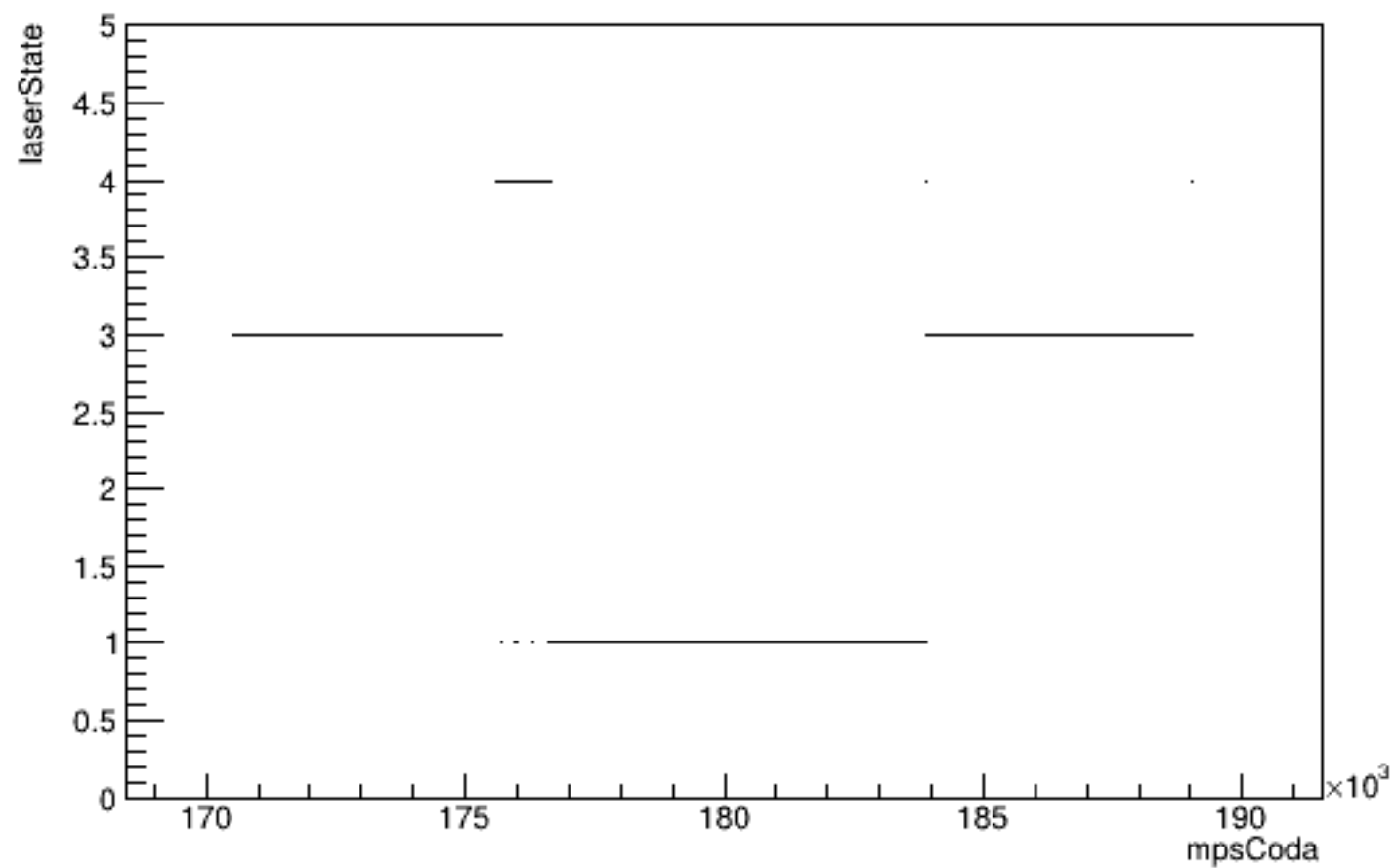
Run 6166 quartetwise, Asyms



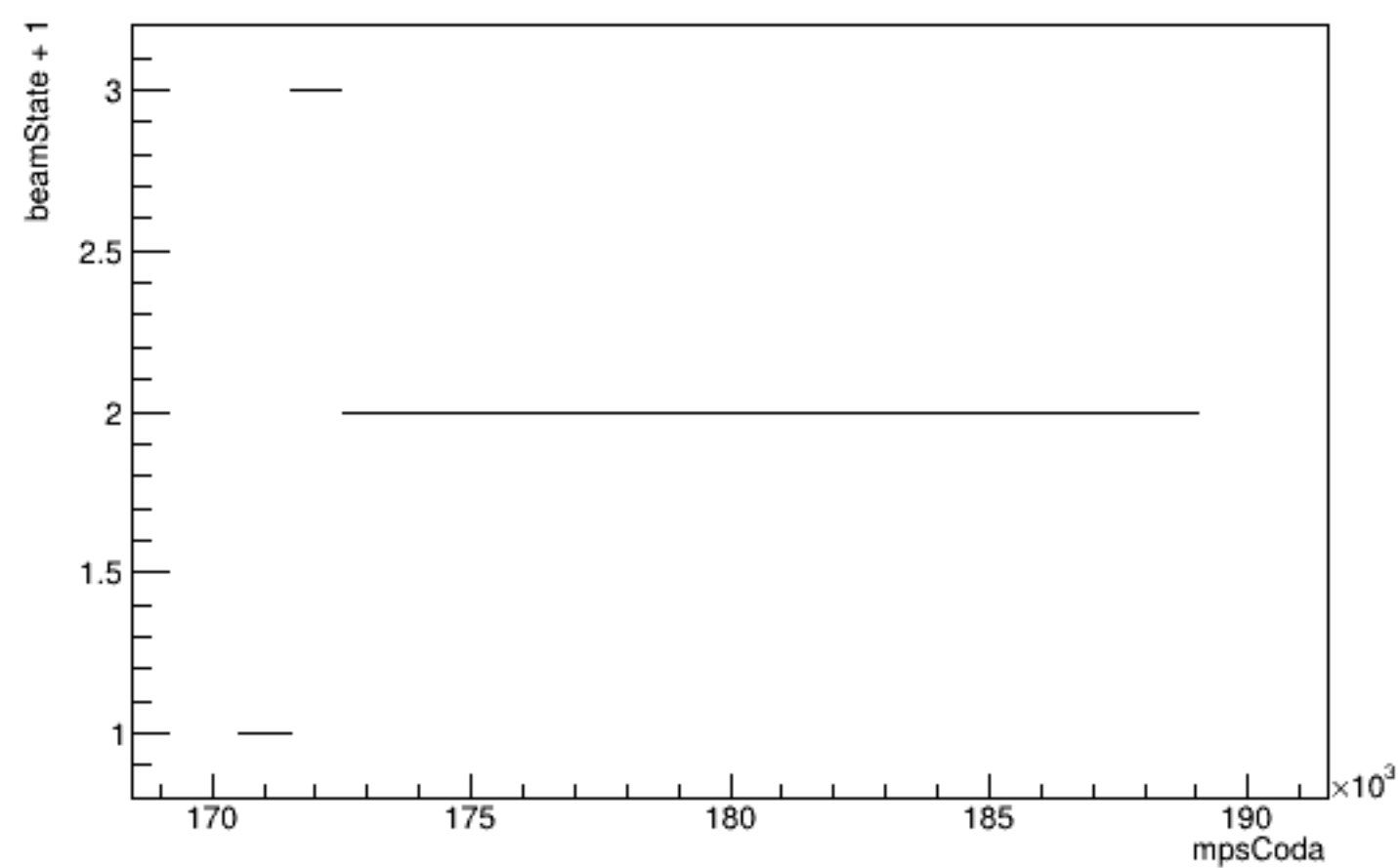
Acc0/NAcc0:mpsCoda (mpsCoda>=170498 && mpsCoda<=189053 && beamState==1)



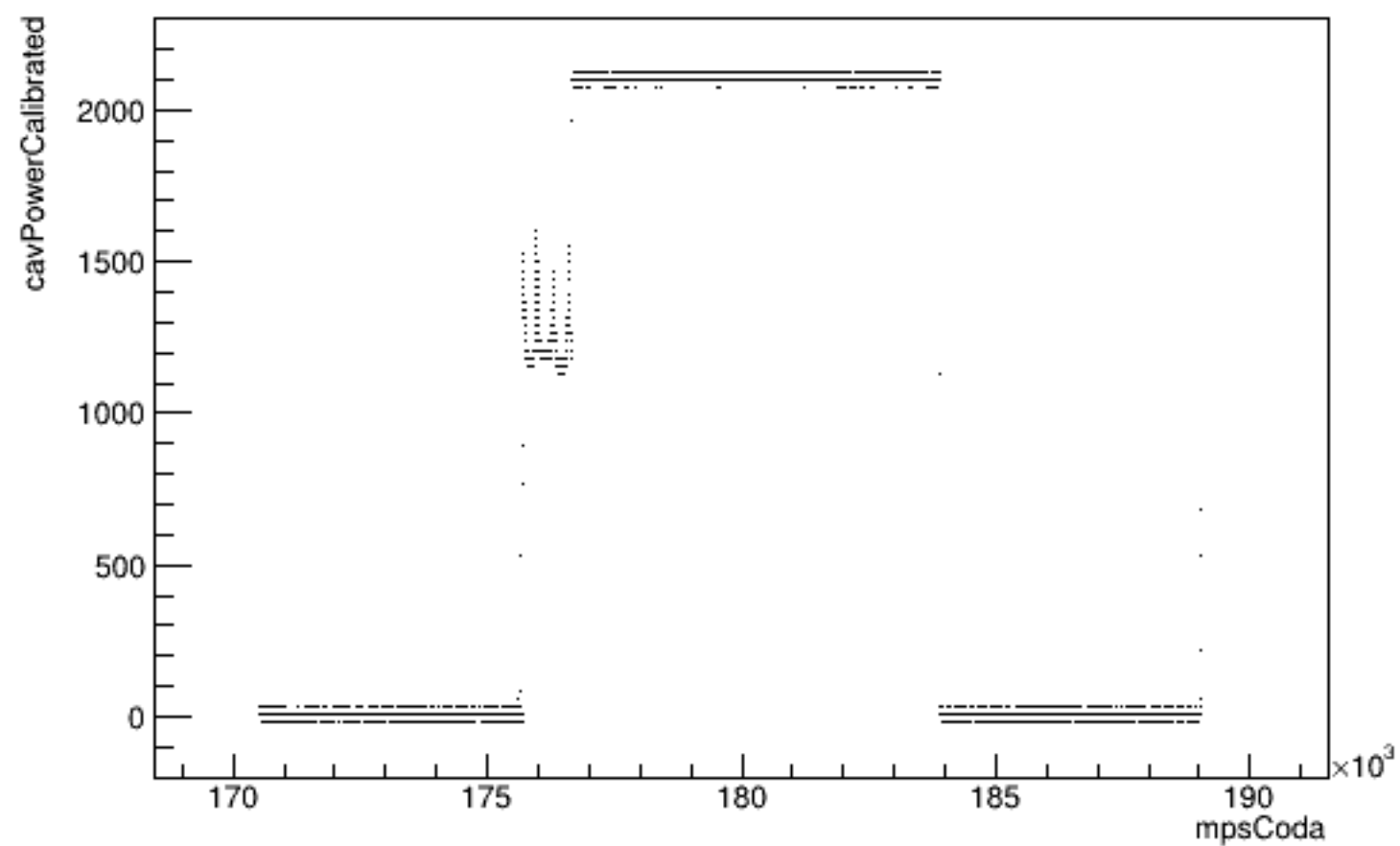
laserState:mpsCoda {mpsCoda>=170498 && mpsCoda<=189053}



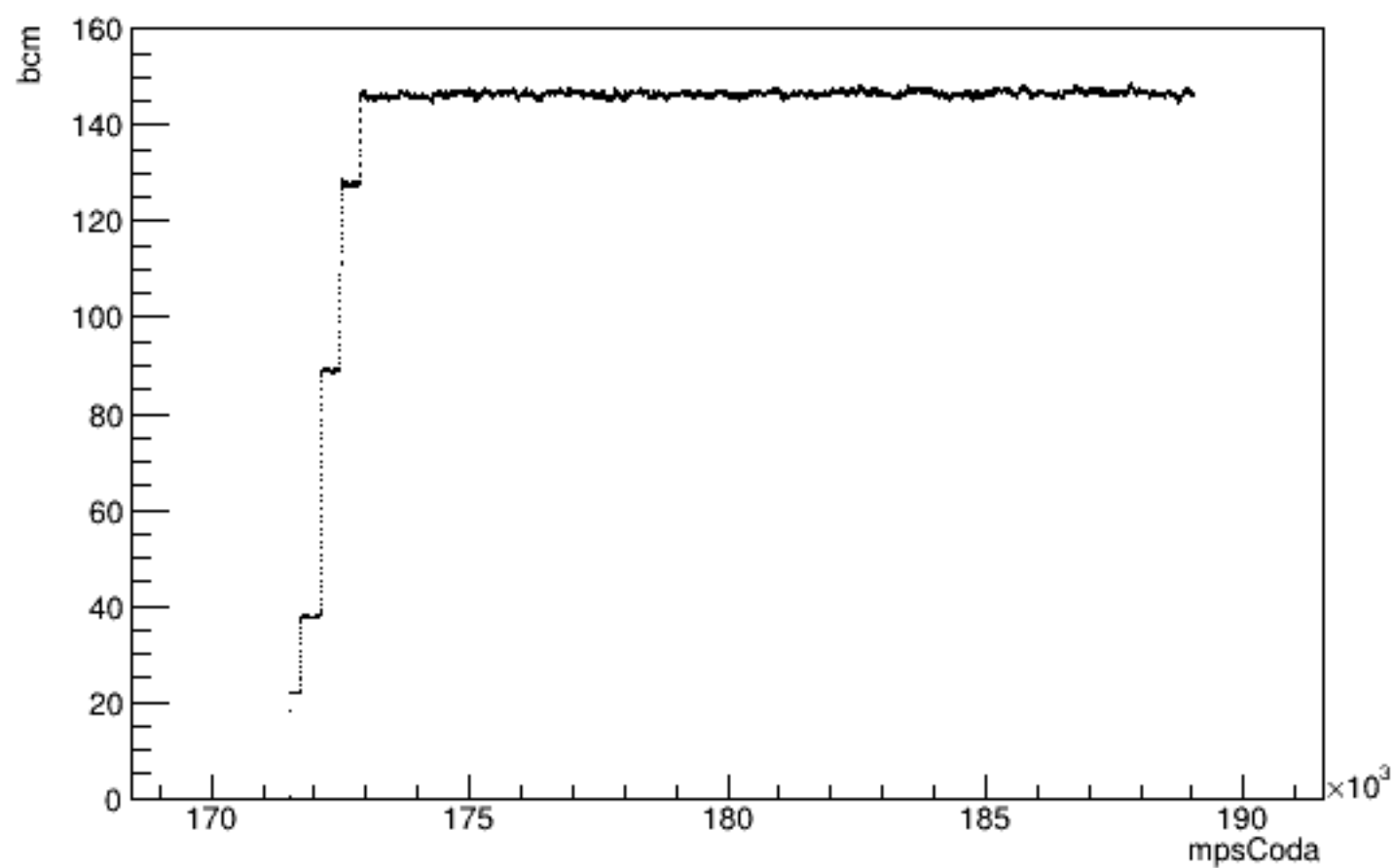
beamState + 1:mpsCoda {mpsCoda>=170498 && mpsCoda<=189053}



cavPowerCalibrated:mpsCoda {mpsCoda>=170498 && mpsCoda<=189053}



bcm:mpsCoda {mpsCoda>=170498 && mpsCoda<=189053}



Cycle 6, Diffs

Entries: 1290

Mean: -0.0043 +/- 0.0101

Std Dev: 0.3615 +/- 0.0071

Entries: 920

Mean: -0.5169 +/- 0.0148

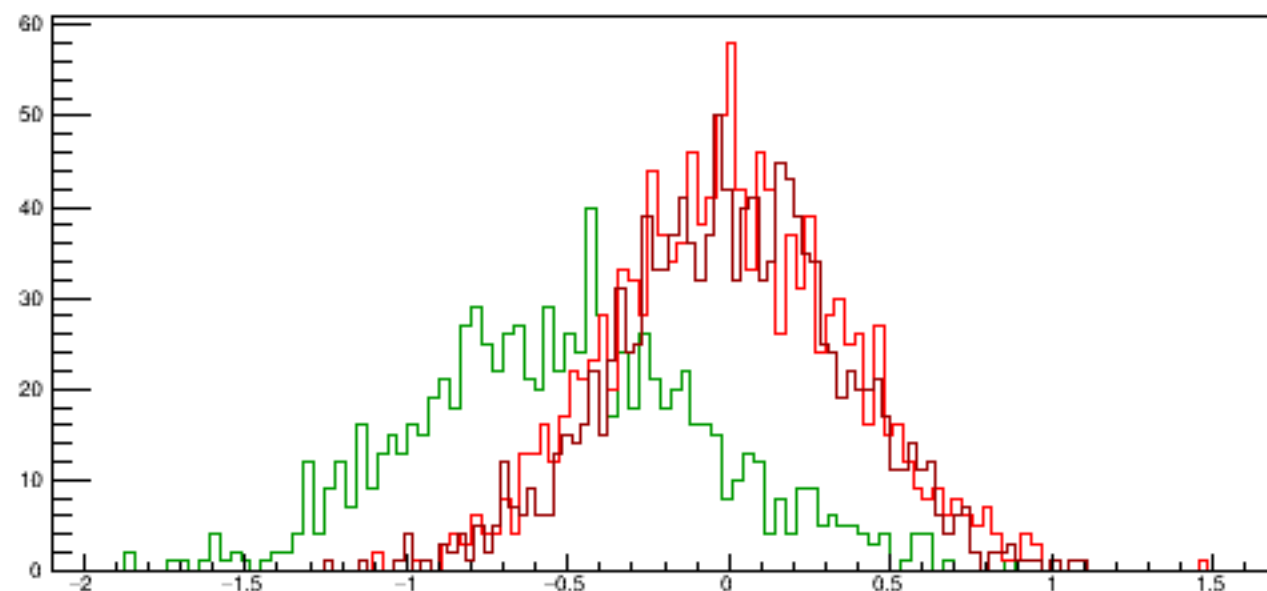
Std Dev: 0.4476 +/- 0.0104

Entries: 1294

Mean: 0.0028 +/- 0.0097

Std Dev: 0.3504 +/- 0.0069

Run 6166 quartetwise, Diffs



Cycle 6, Sums

Entries: 1290

Mean: 5.8731 +/- 0.0109

Std Dev: 0.3907 +/- 0.0077

Entries: 920

Mean: 21.9833 +/- 0.0266

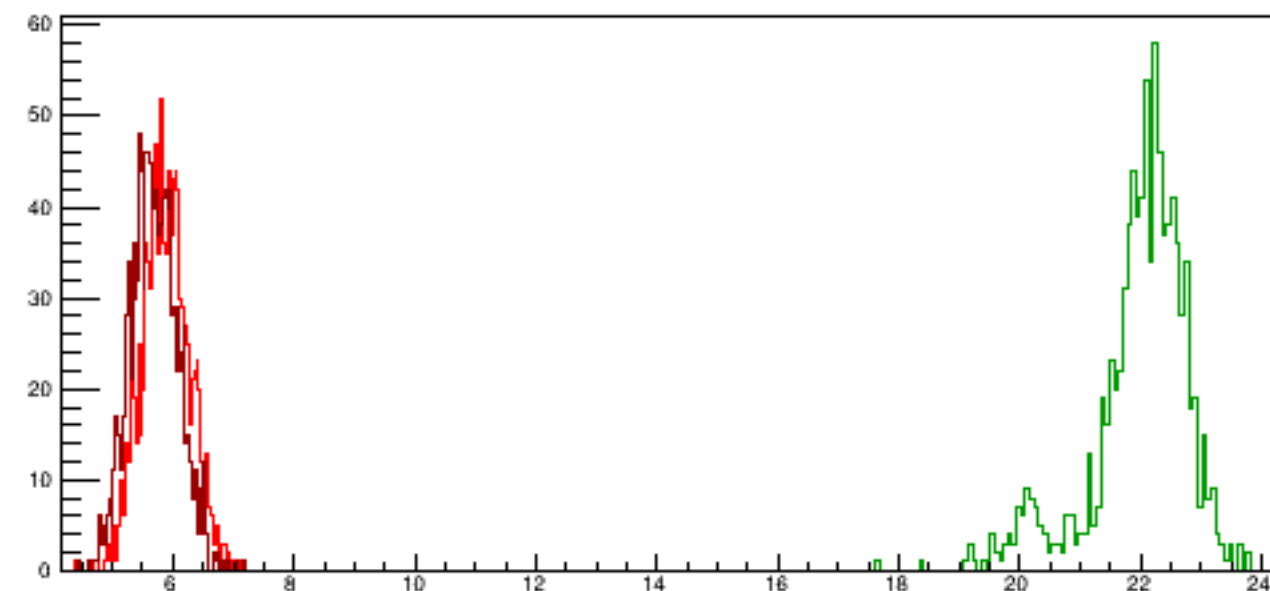
Std Dev: 0.8069 +/- 0.0188

Entries: 1294

Mean: 5.6844 +/- 0.0107

Std Dev: 0.3836 +/- 0.0075

Run 6166 quartetwise, Sums



Cycle 6, Asyms

Entries: 1290

Mean: -0.0003 +/- 0.0006

Std Dev: 0.0223 +/- 0.0004

Entries: 920

Mean: -0.0319 +/- 0.0009

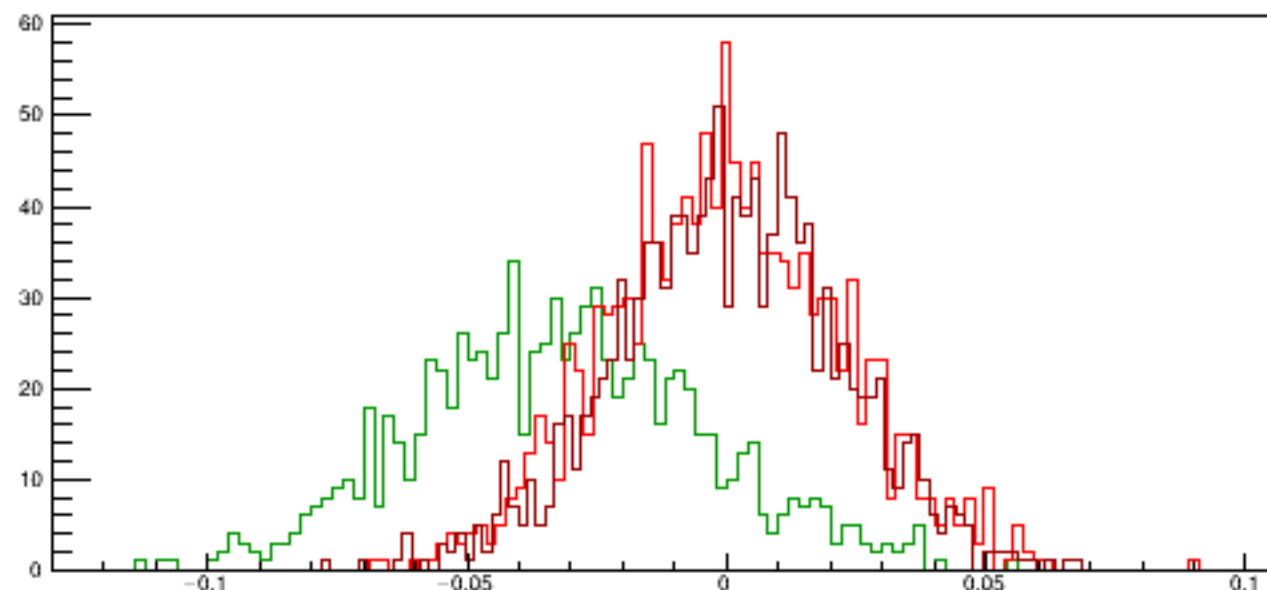
Std Dev: 0.0276 +/- 0.0006

Entries: 1294

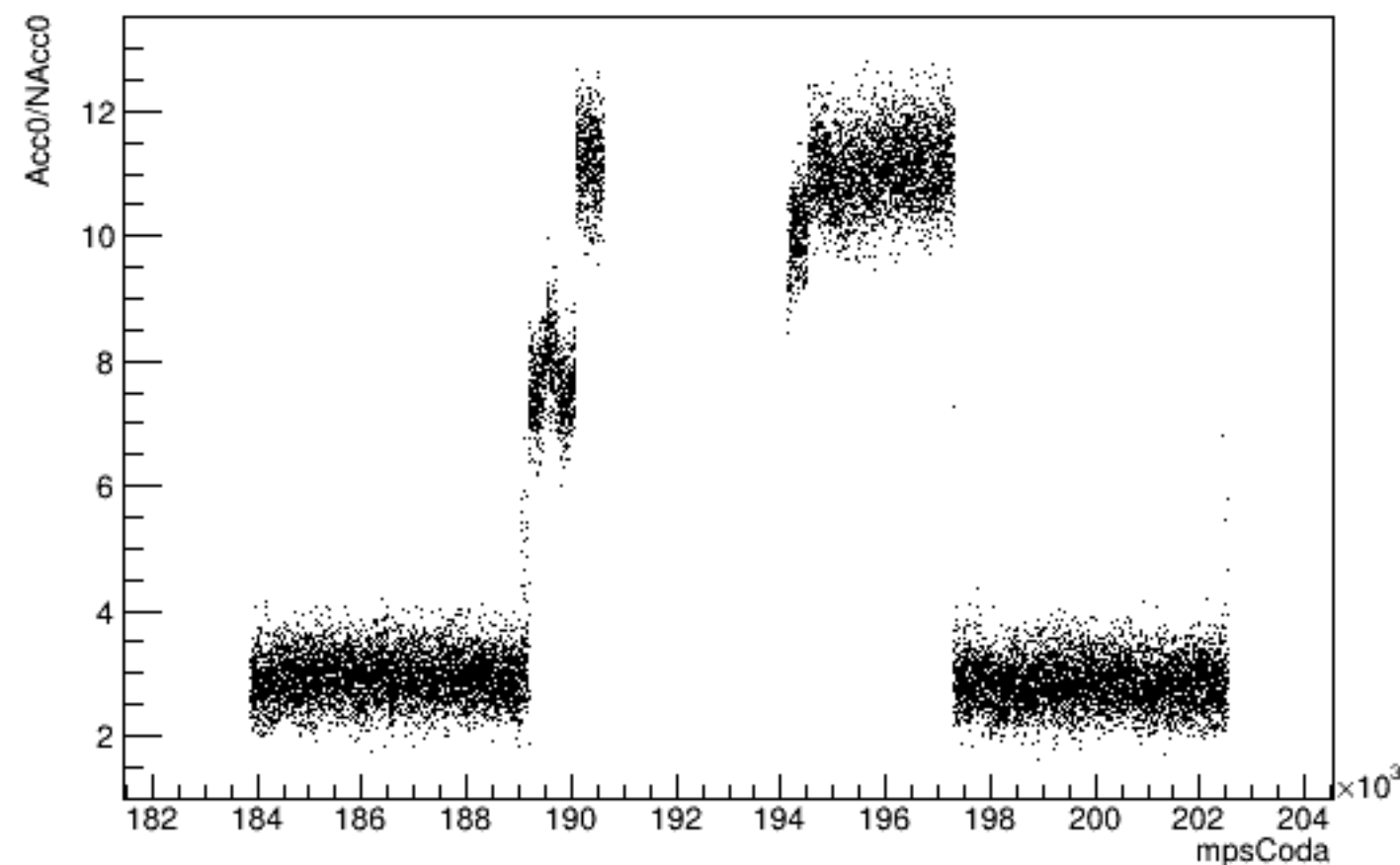
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0216 +/- 0.0004

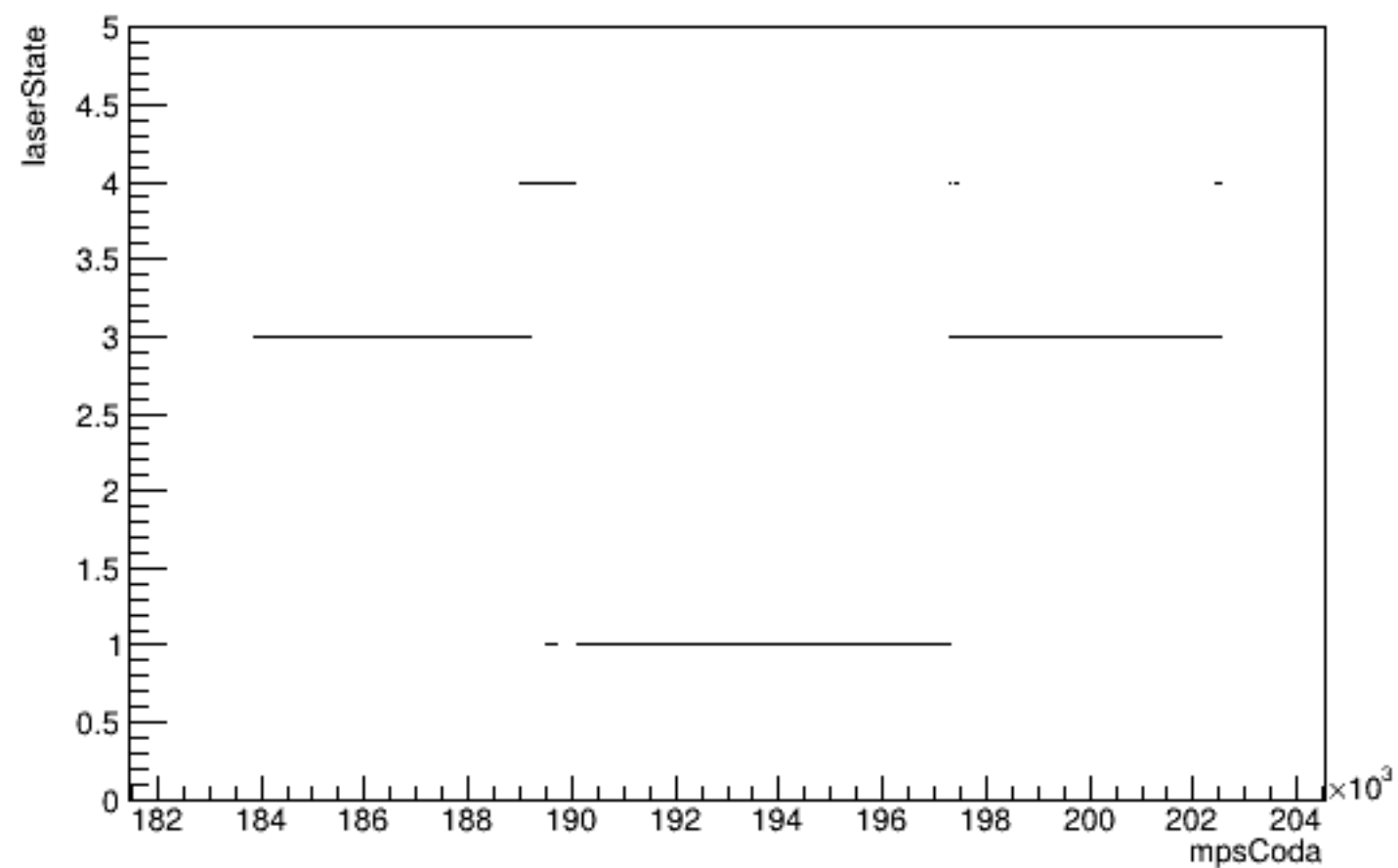
Run 6166 quartetwise, Asyms



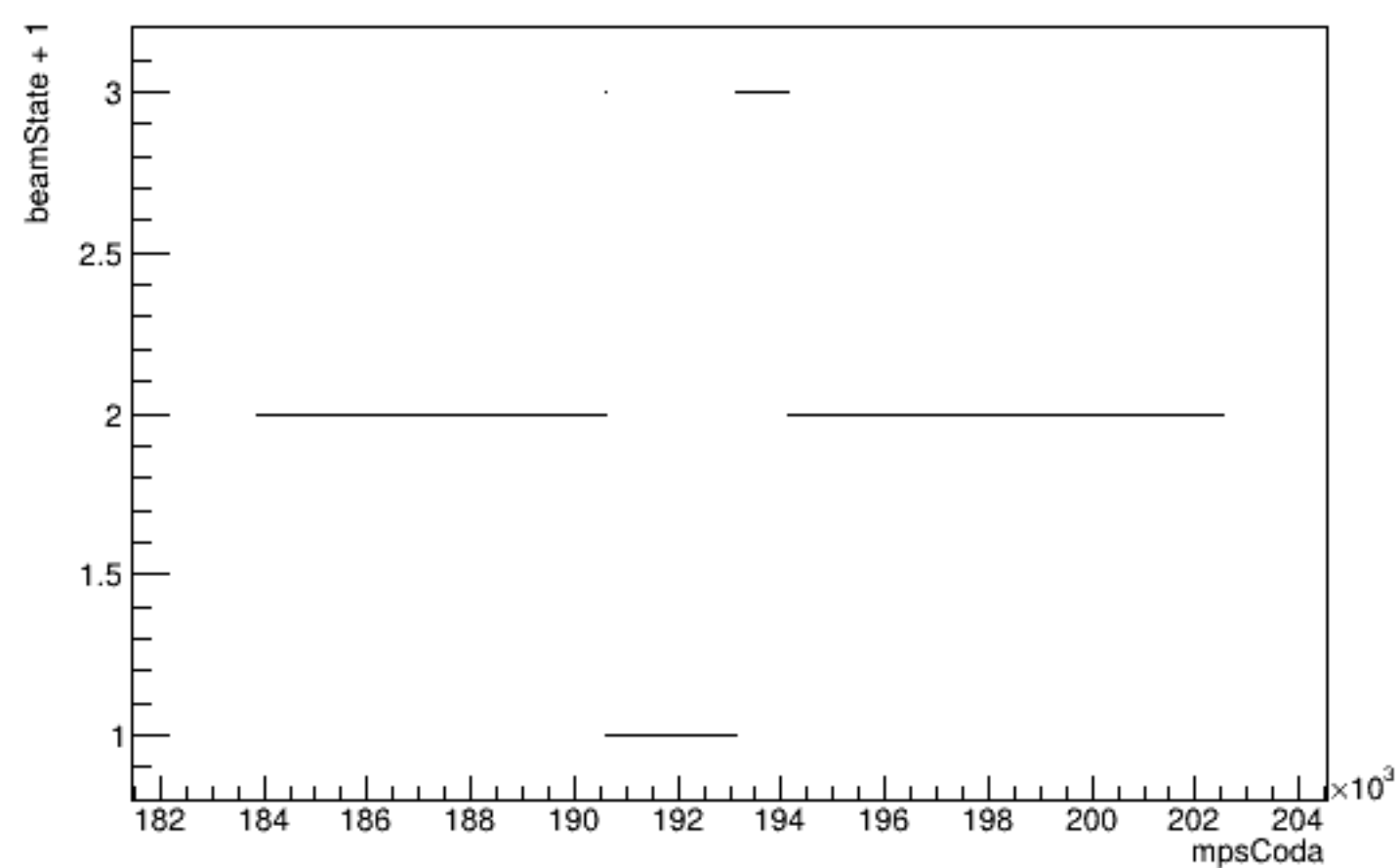
Acc0/NAcc0:mpsCoda (mpsCoda>=183886 && mpsCoda<=202525 && beamState==1)



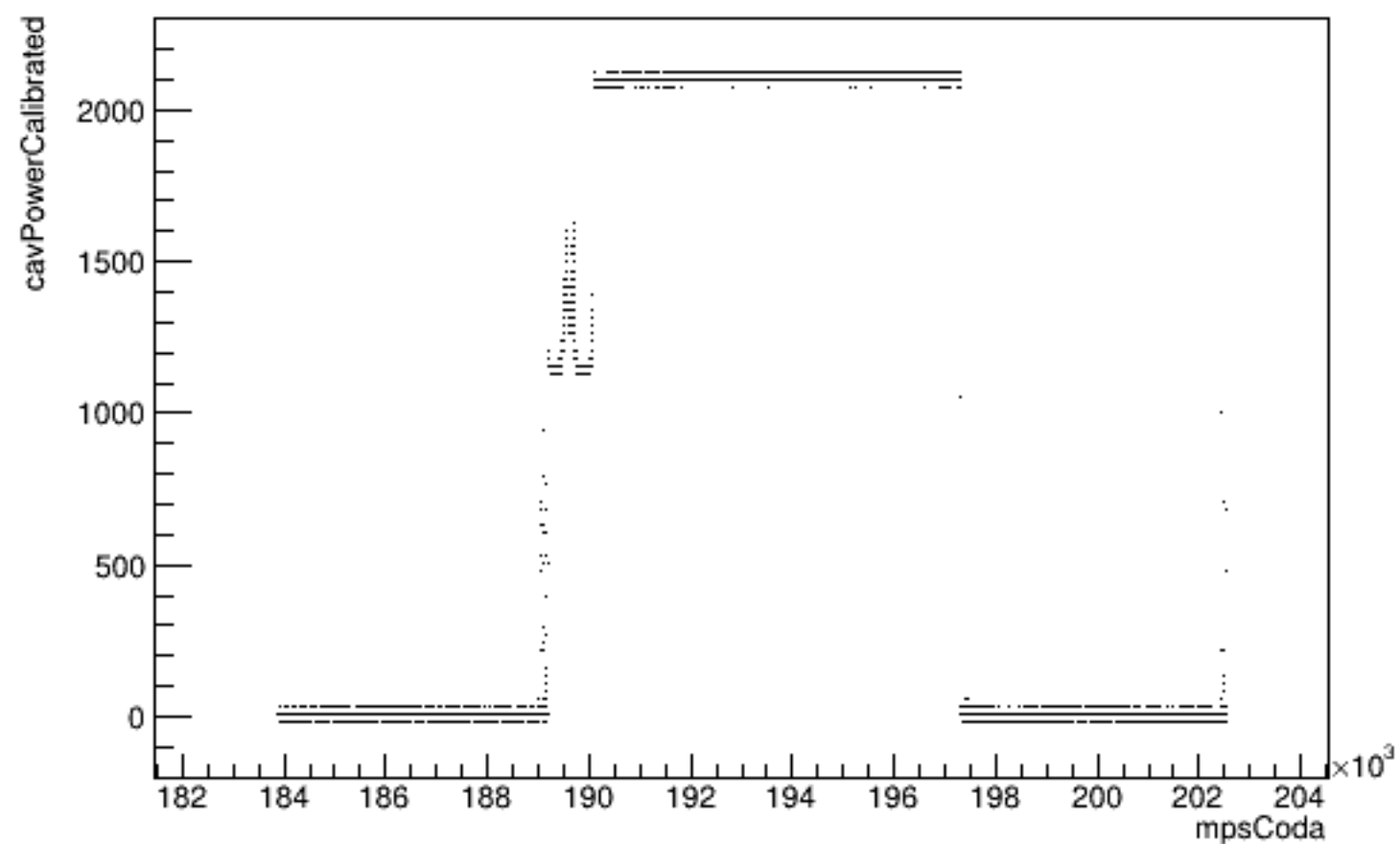
laserState:mpsCoda {mpsCoda>=183886 && mpsCoda<=202525}



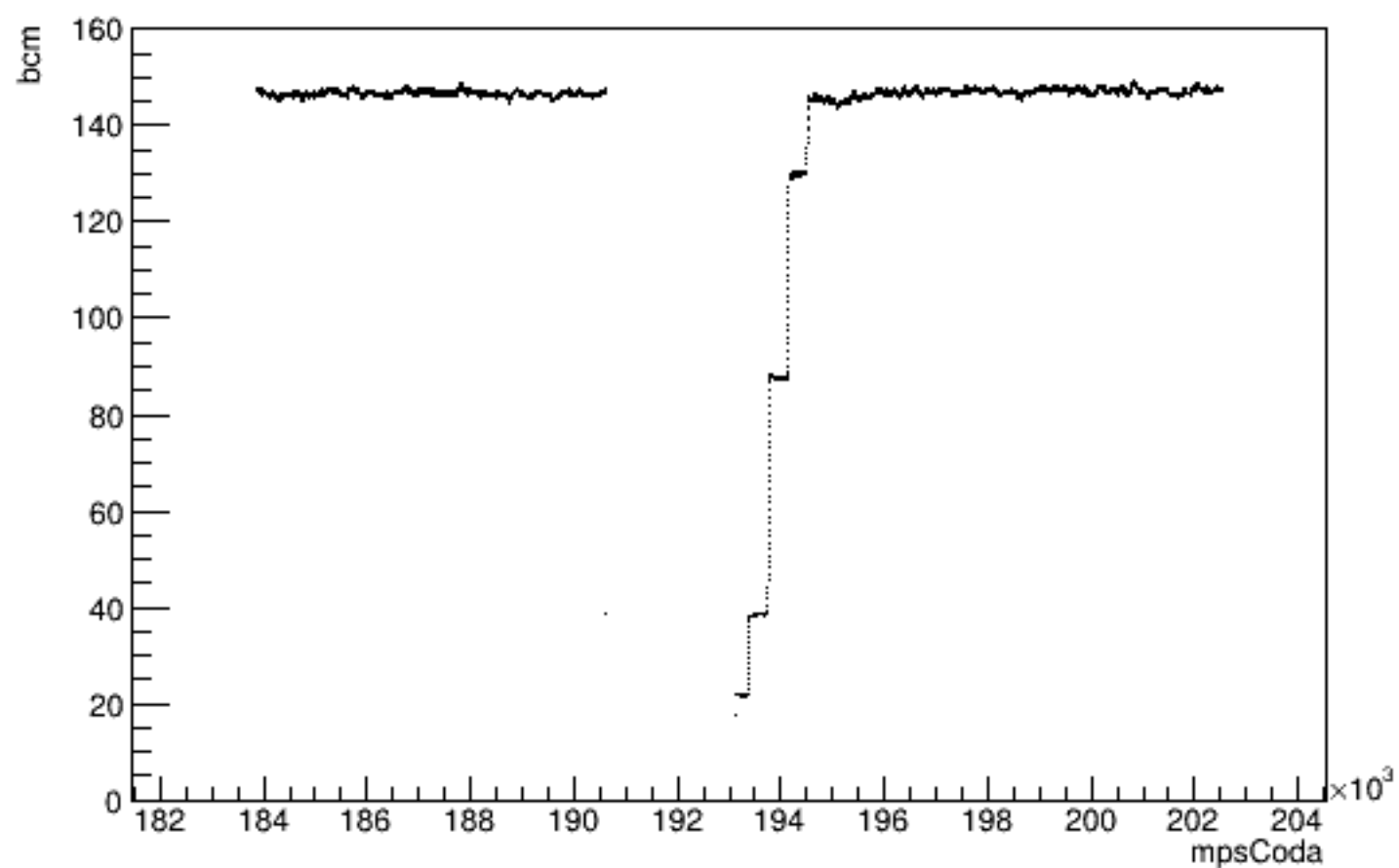
beamState + 1:mpsCoda {mpsCoda>=183886 && mpsCoda<=202525}



cavPowerCalibrated:mpsCoda {mpsCoda>=183886 && mpsCoda<=202525}



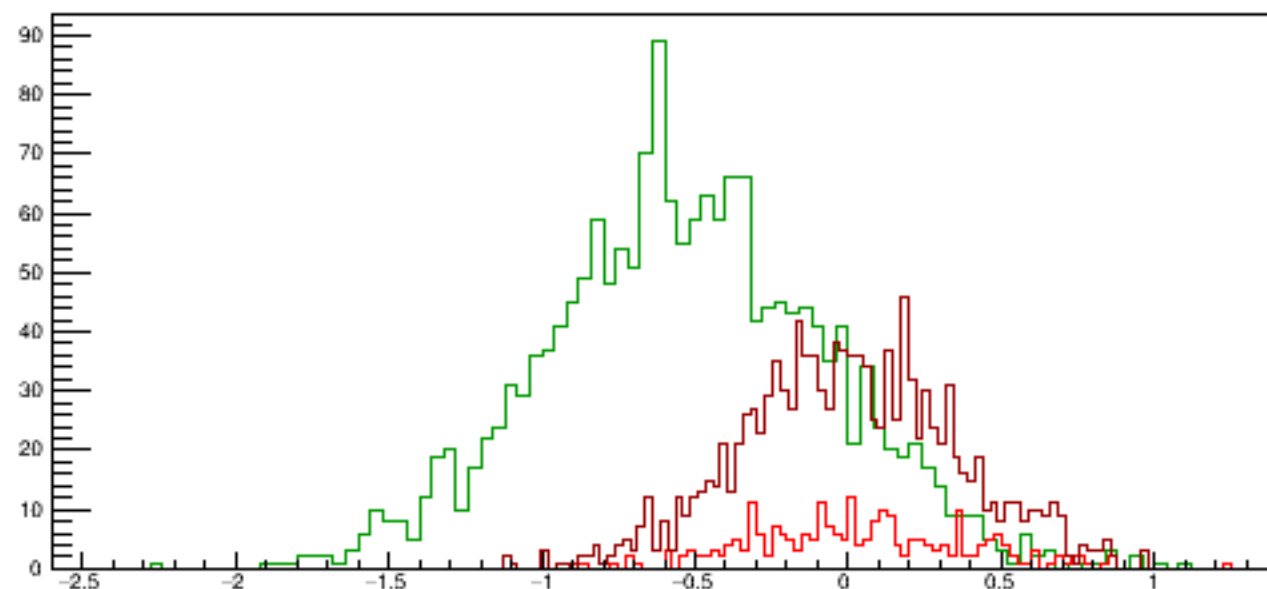
bcm:mpsCoda {mpsCoda>=183886 && mpsCoda<=202525}



Cycle 7, Diffs

Entries: 245	Entries: 1805	Entries: 1260
Mean: 0.0374 +/- 0.0228	Mean: -0.5287 +/- 0.0108	Mean: -0.0005 +/- 0.0099
Std Dev: 0.3573 +/- 0.0161	Std Dev: 0.4606 +/- 0.0077	Std Dev: 0.3505 +/- 0.0070

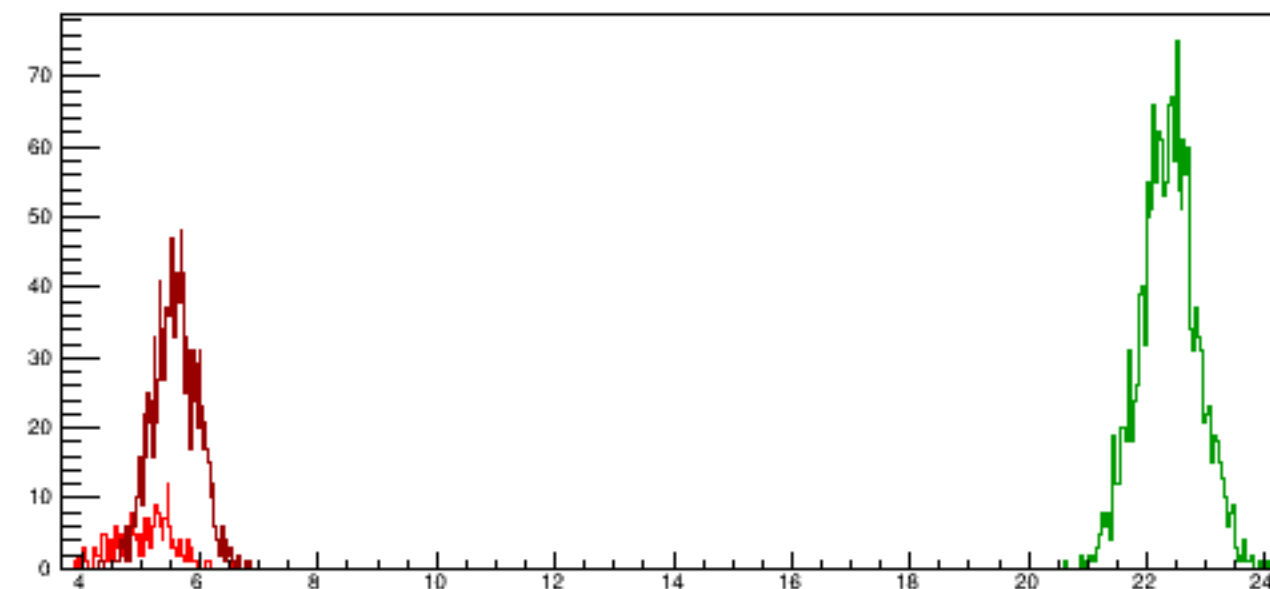
Run 6166 quartetwise, Diffs



Cycle 7, Sums

Entries: 245	Entries: 1805	Entries: 1260
Mean: 5.0702 +/- 0.0323	Mean: 22.3653 +/- 0.0116	Mean: 5.5816 +/- 0.0106
Std Dev: 0.5049 +/- 0.0228	Std Dev: 0.4919 +/- 0.0082	Std Dev: 0.3766 +/- 0.0075

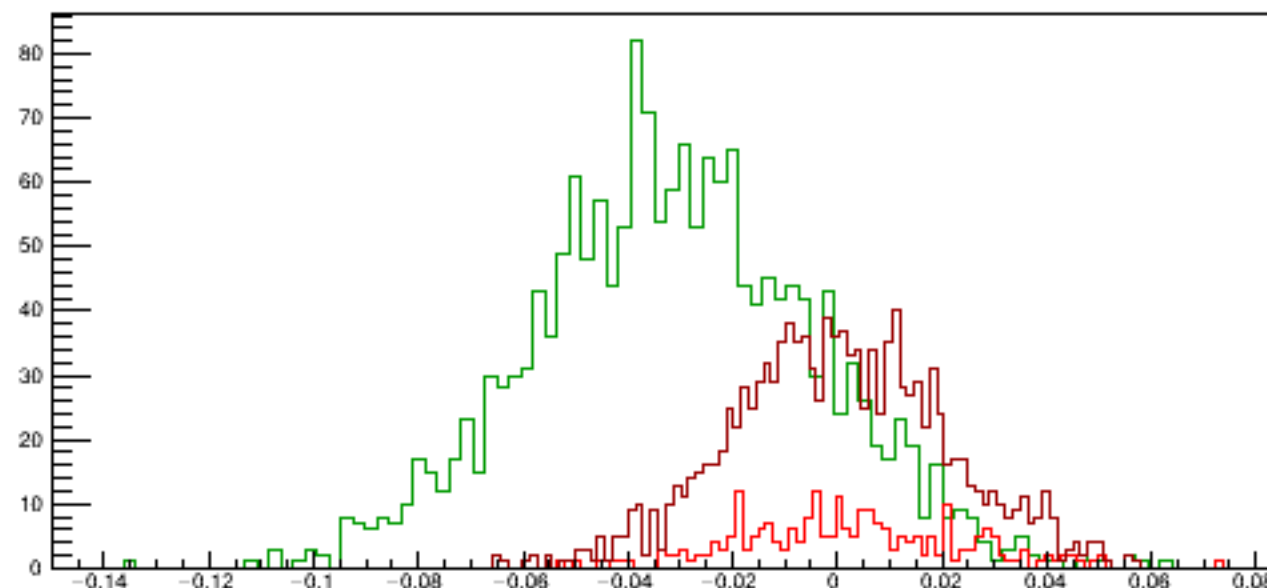
Run 6166 quartetwise, Sums



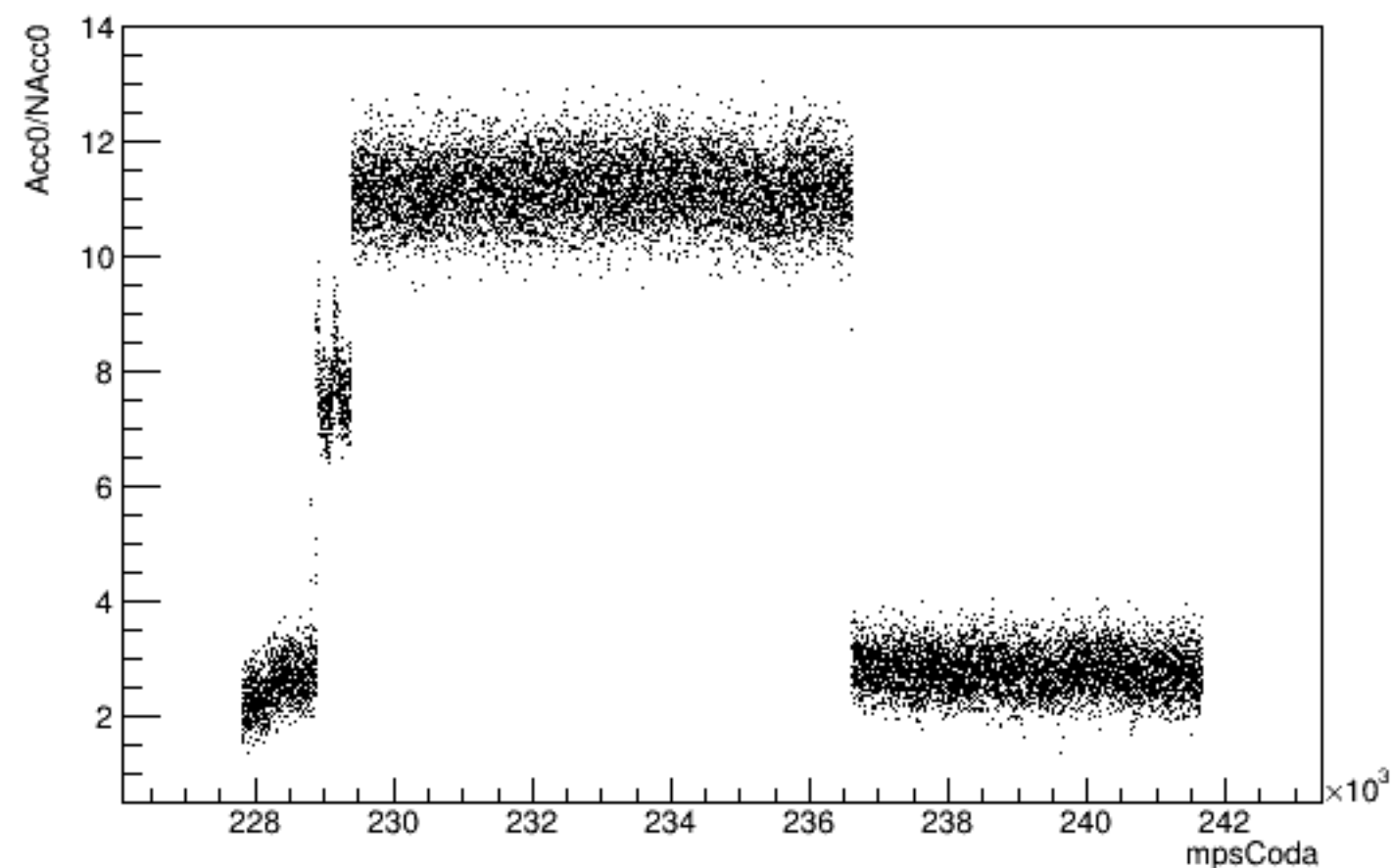
Cycle 7, Asyms

Entries: 245	Entries: 1805	Entries: 1260
Mean: 0.0022 +/- 0.0013	Mean: -0.0311 +/- 0.0006	Mean: -0.0000 +/- 0.0006
Std Dev: 0.0210 +/- 0.0009	Std Dev: 0.0270 +/- 0.0004	Std Dev: 0.0206 +/- 0.0004

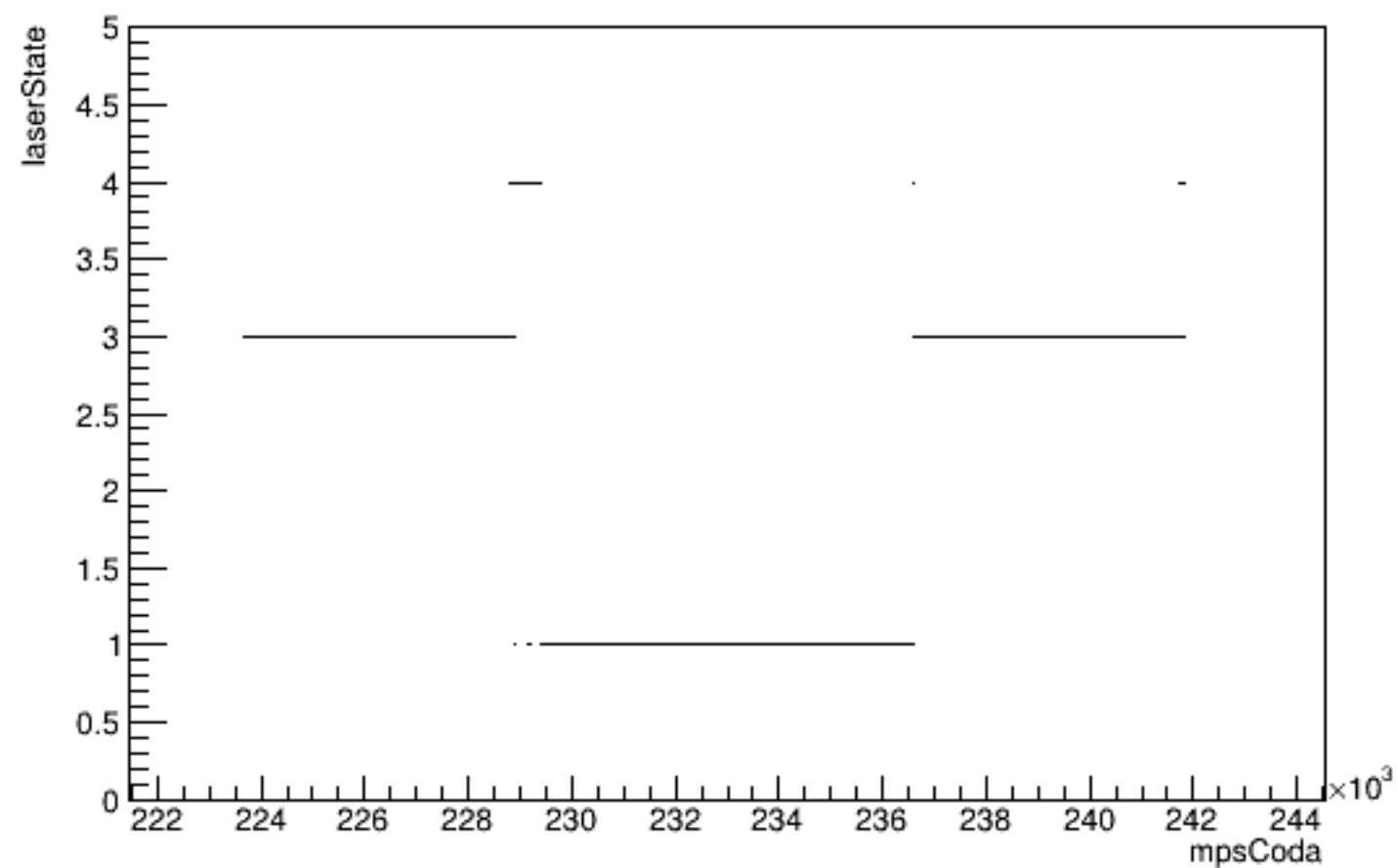
Run 6166 quartetwise, Asyms



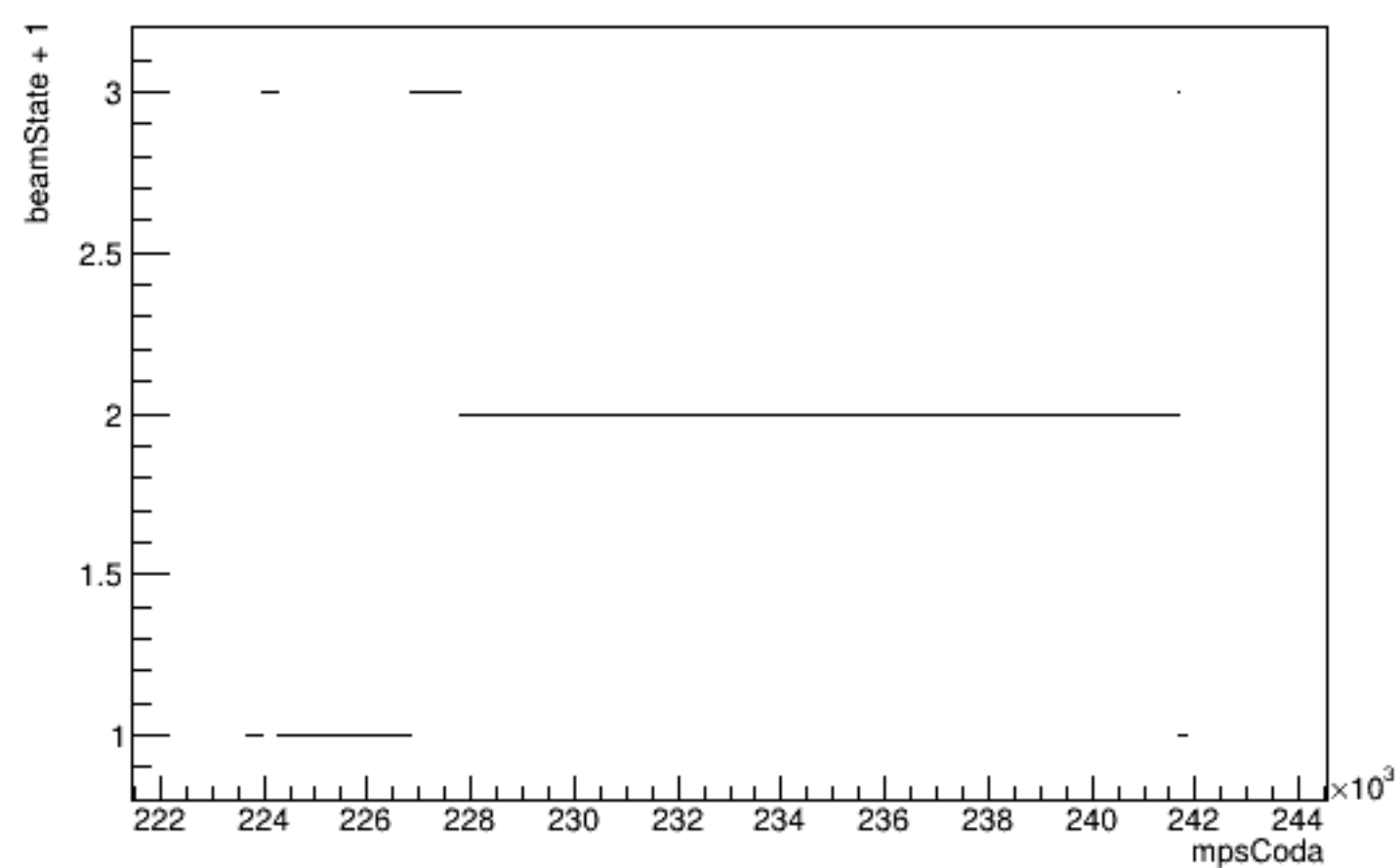
Acc0/NAcc0:mpsCoda (mpsCoda>=223674 && mpsCoda<=241817 && beamState==1)



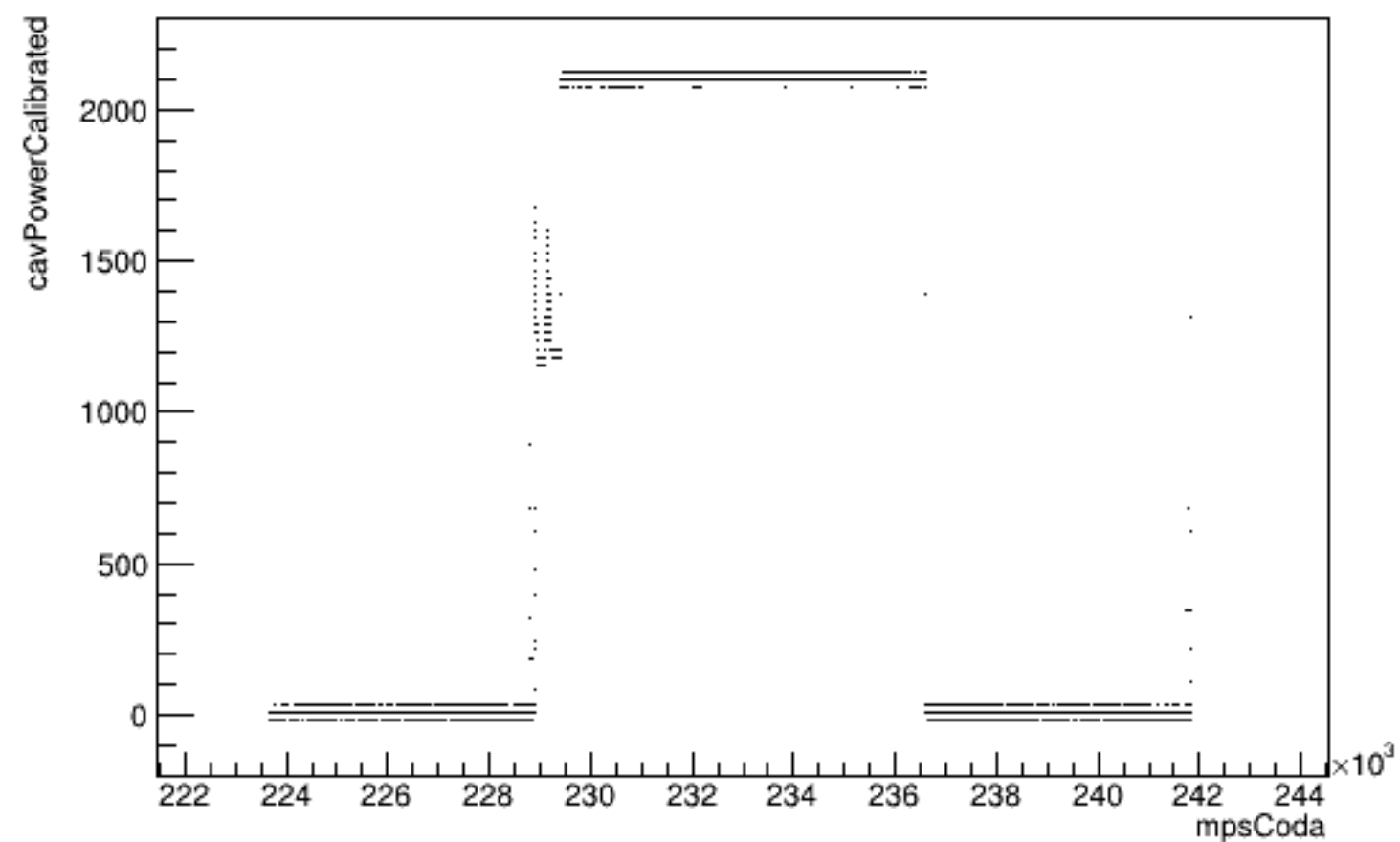
laserState:mpsCoda {mpsCoda>=223674 && mpsCoda<=241817}



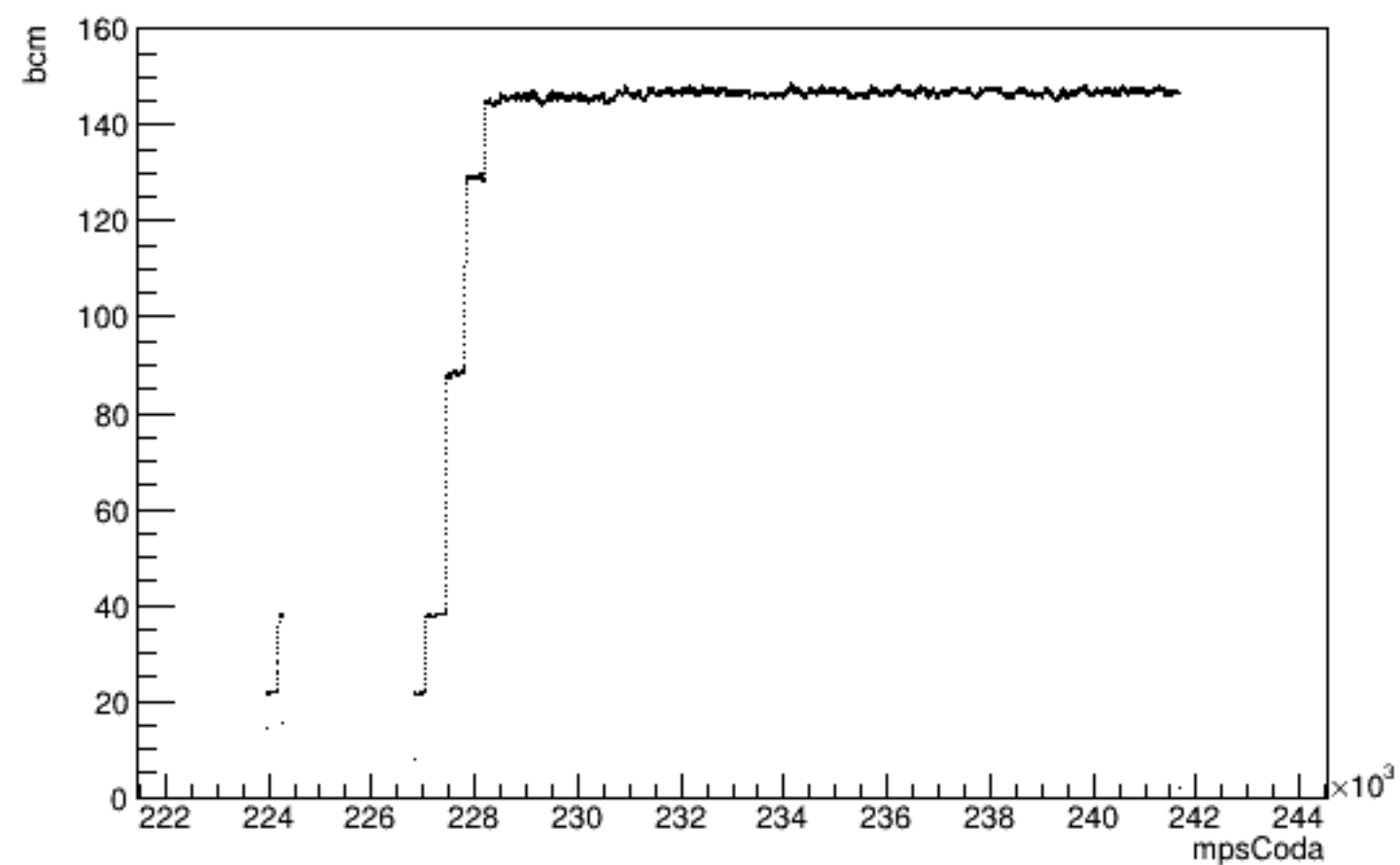
beamState + 1:mpsCoda {mpsCoda>=223674 && mpsCoda<=241817}



cavPowerCalibrated:mpsCoda {mpsCoda>=223674 && mpsCoda<=241817}



bcm:mpsCoda {mpsCoda>=223674 && mpsCoda<=241817}



Cycle 8, Diffs

Entries: 1020

Mean: -0.0286 +/- 0.0105

Std Dev: 0.3351 +/- 0.0074

Entries: 661

Mean: -0.5329 +/- 0.0176

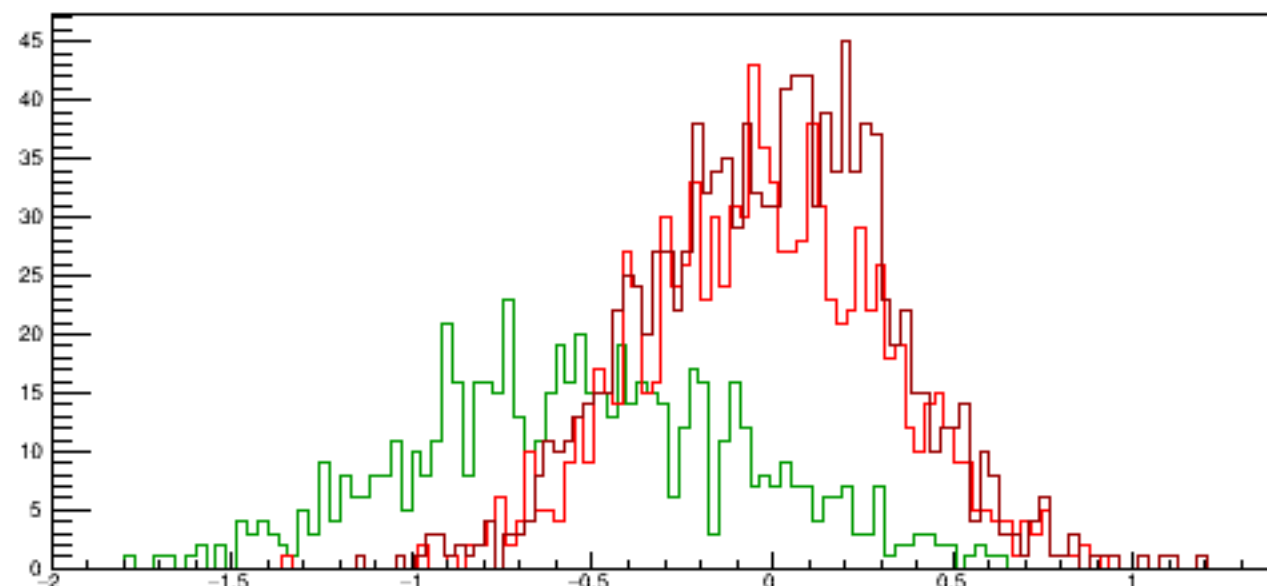
Std Dev: 0.4522 +/- 0.0124

Entries: 1196

Mean: -0.0127 +/- 0.0098

Std Dev: 0.3406 +/- 0.0070

Run 6166 quartetwise, Diffs



Cycle 8, Sums

Entries: 1020

Mean: 5.3471 +/- 0.0146

Std Dev: 0.4678 +/- 0.0104

Entries: 661

Mean: 22.3074 +/- 0.0195

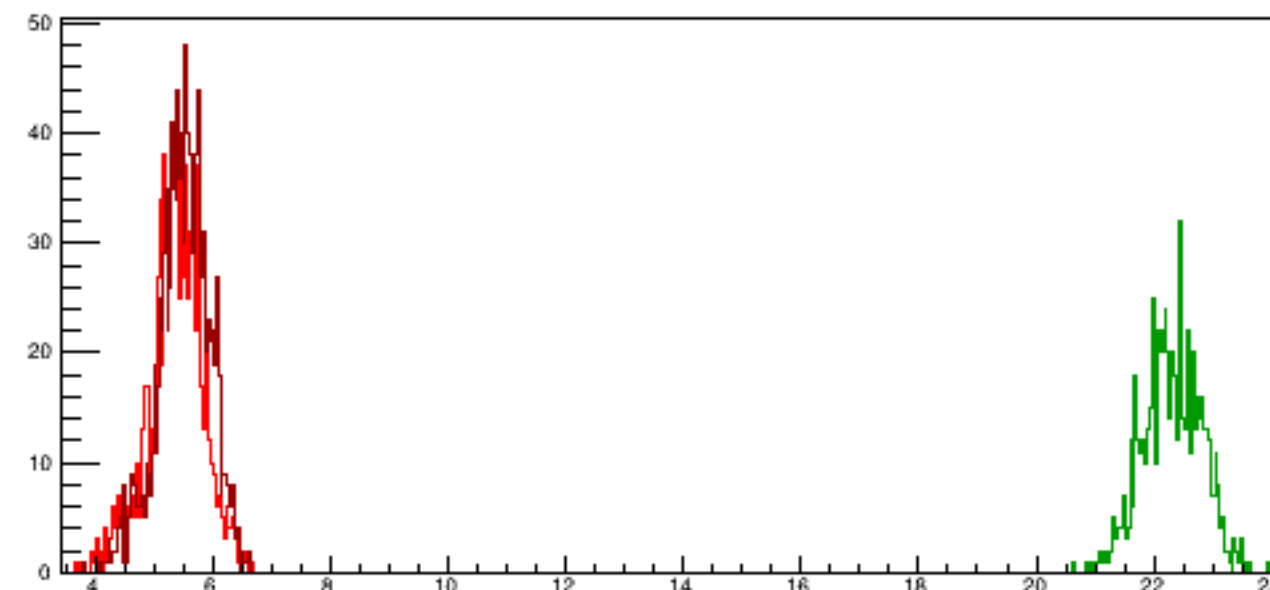
Std Dev: 0.5004 +/- 0.0138

Entries: 1196

Mean: 5.4885 +/- 0.0127

Std Dev: 0.4376 +/- 0.0089

Run 6166 quartetwise, Sums



Cycle 8, Asyms

Entries: 1020

Mean: -0.0017 +/- 0.0006

Std Dev: 0.0198 +/- 0.0004

Entries: 661

Mean: -0.0316 +/- 0.0010

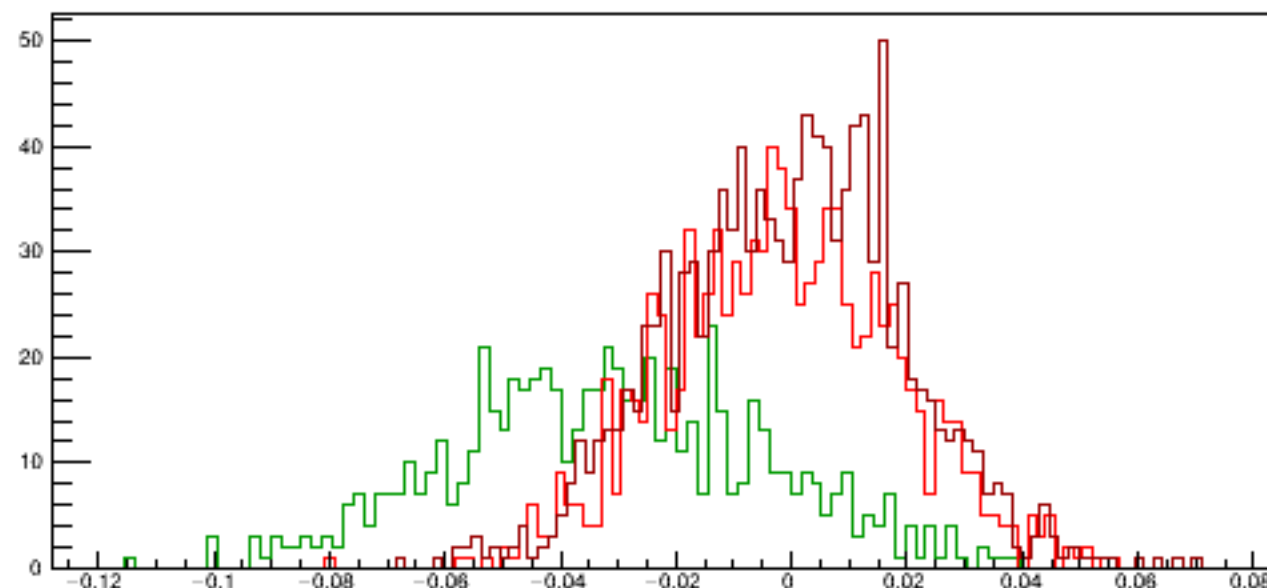
Std Dev: 0.0268 +/- 0.0007

Entries: 1196

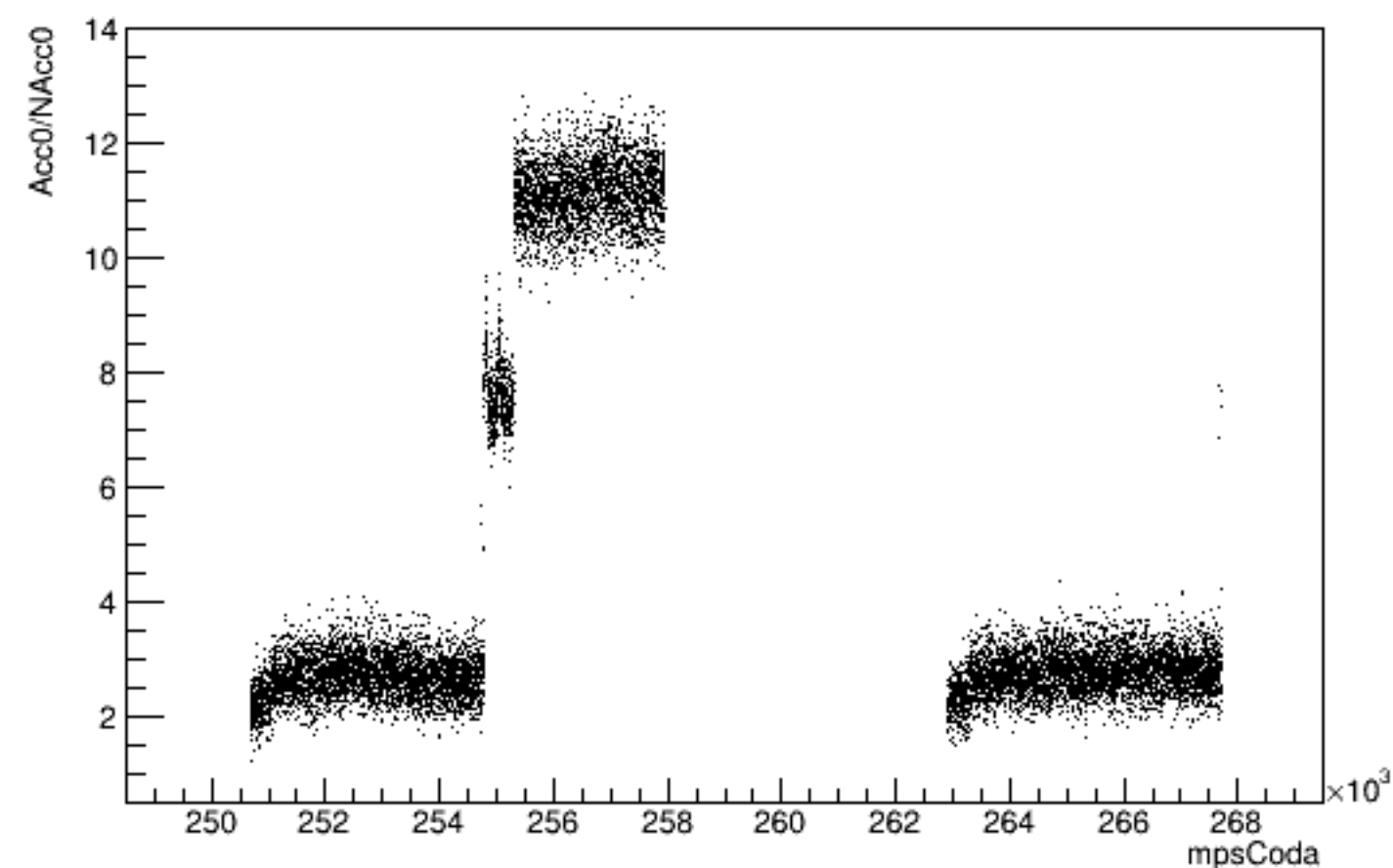
Mean: -0.0008 +/- 0.0006

Std Dev: 0.0202 +/- 0.0004

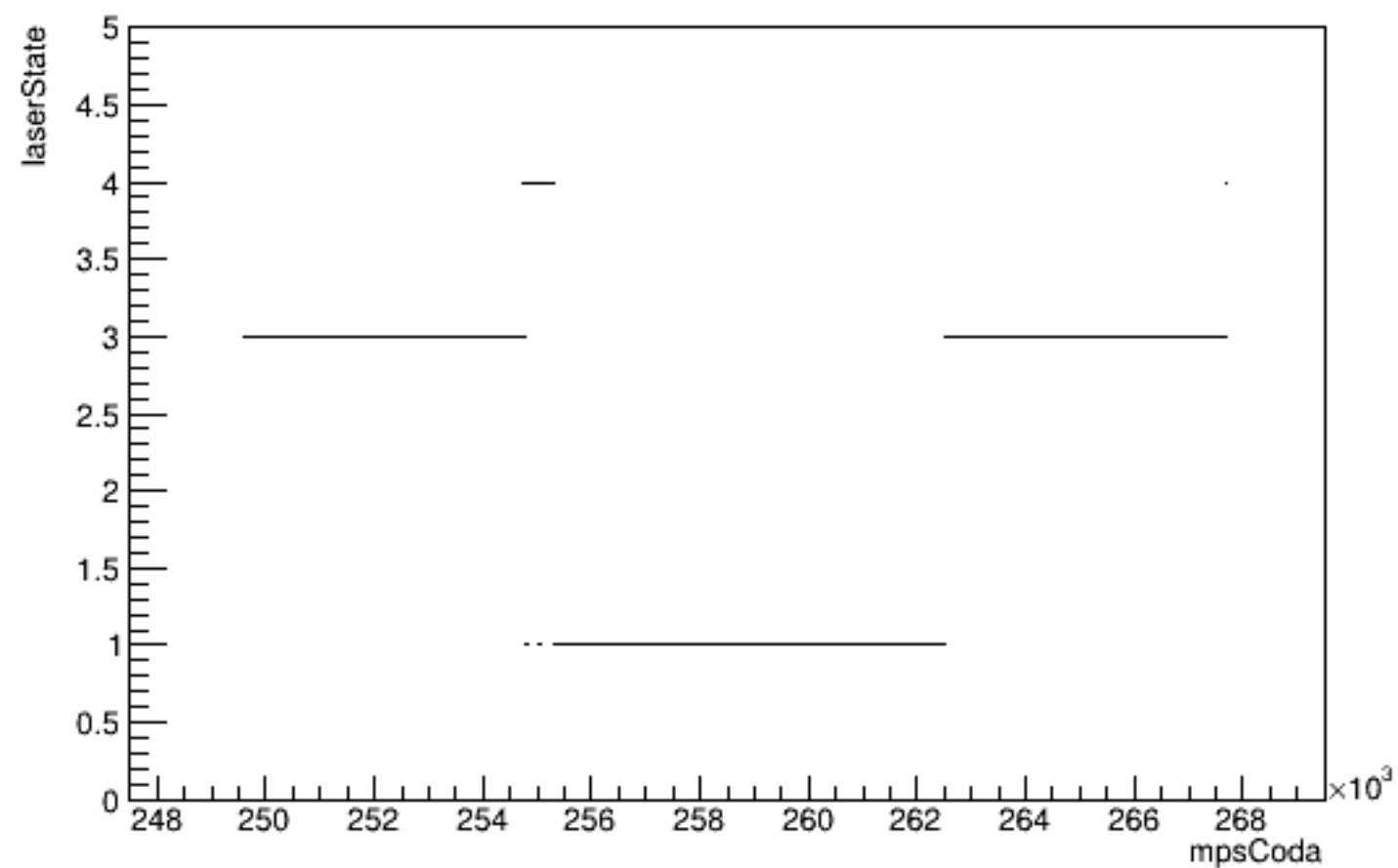
Run 6166 quartetwise, Asyms



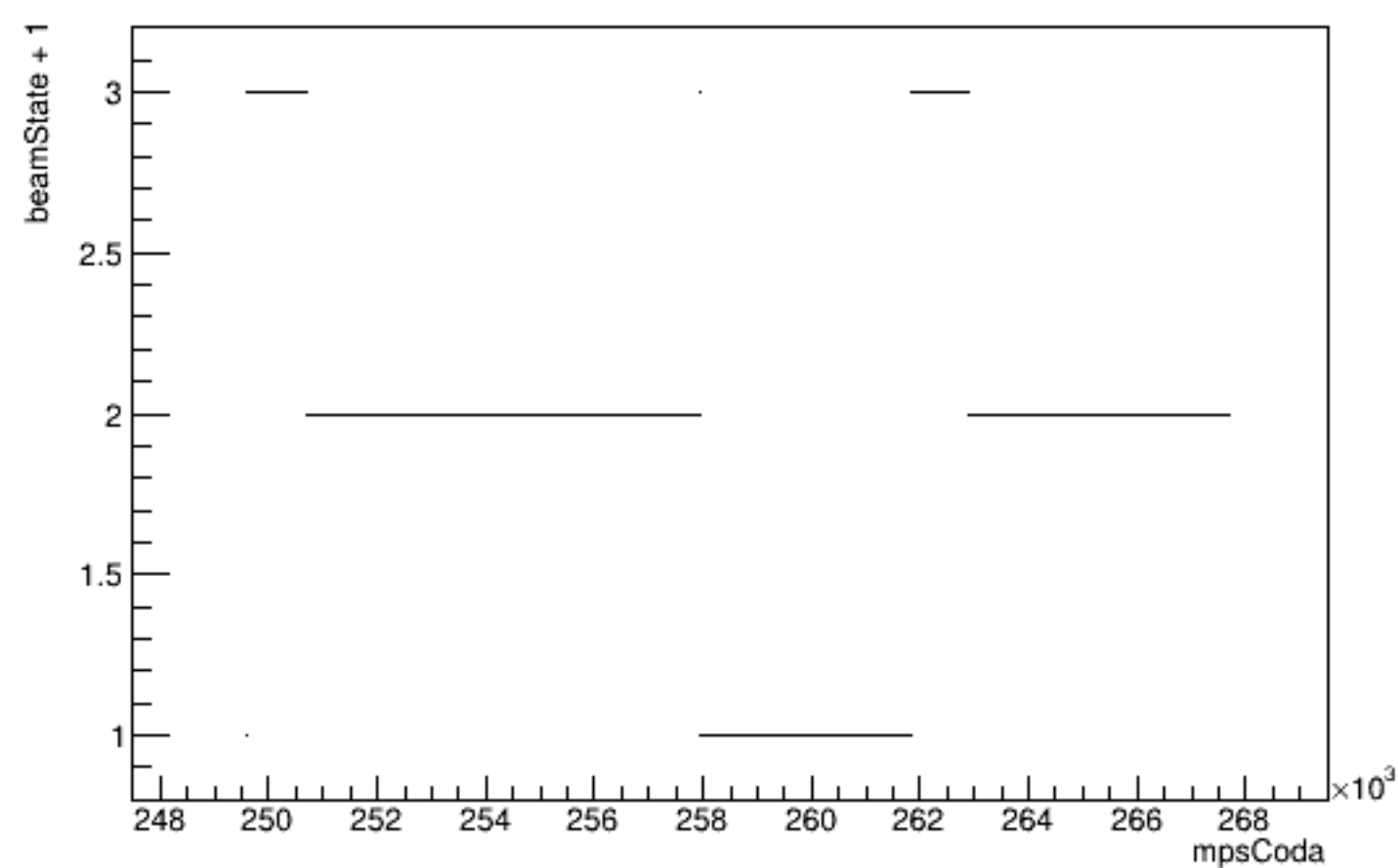
Acc0/NAcc0:mpsCoda (mpsCoda>=249570 && mpsCoda<=267709 && beamState==1)



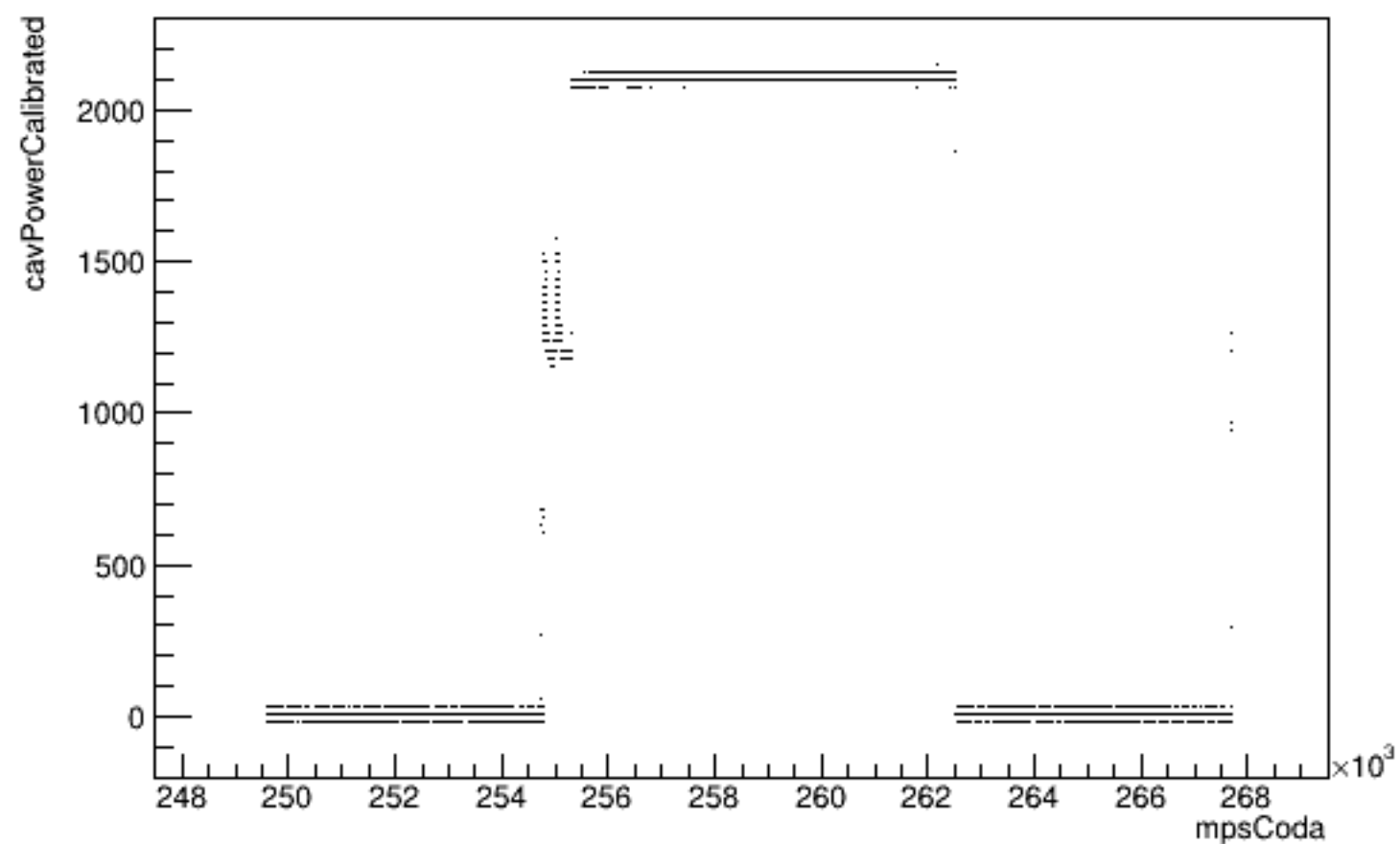
laserState:mpsCoda {mpsCoda>=249570 && mpsCoda<=267709}



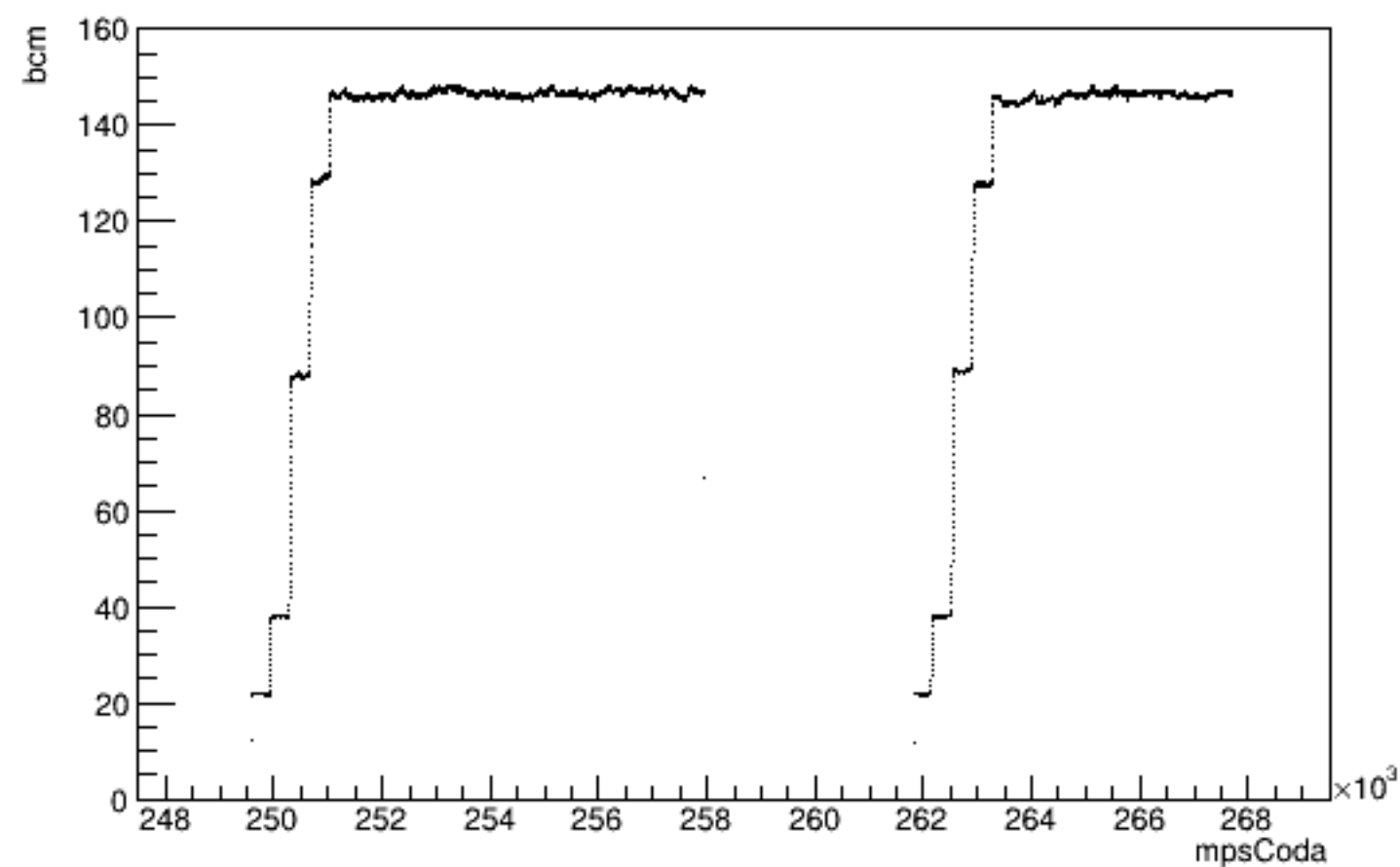
beamState + 1:mpsCoda {mpsCoda>=249570 && mpsCoda<=267709}



cavPowerCalibrated:mpsCoda {mpsCoda>=249570 && mpsCoda<=267709}



bcm:mpsCoda {mpsCoda>=249570 && mpsCoda<=267709}



Cycle 9, Diffs

Entries: 1196

Mean: -0.0127 +/- 0.0098

Std Dev: 0.3406 +/- 0.0070

Entries: 1807

Mean: -0.5560 +/- 0.0108

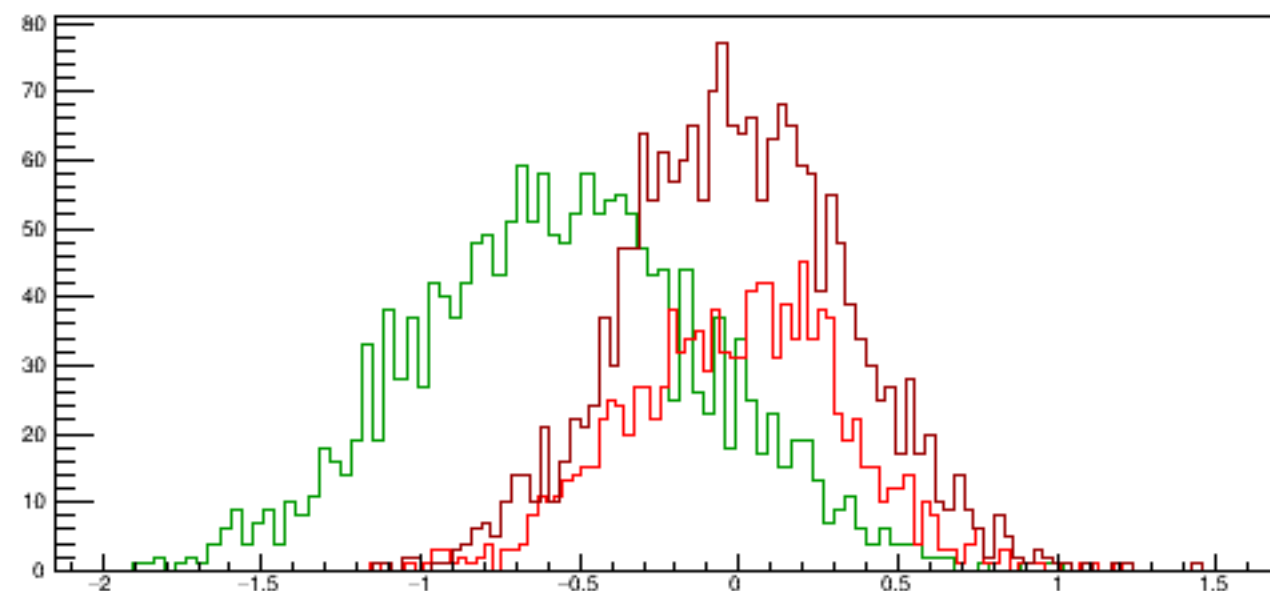
Std Dev: 0.4595 +/- 0.0076

Entries: 1938

Mean: -0.0051 +/- 0.0080

Std Dev: 0.3541 +/- 0.0057

Run 6166 quartetwise, Diffs



Cycle 9, Sums

Entries: 1196

Mean: 5.4885 +/- 0.0127

Std Dev: 0.4376 +/- 0.0089

Entries: 1807

Mean: 22.3646 +/- 0.0122

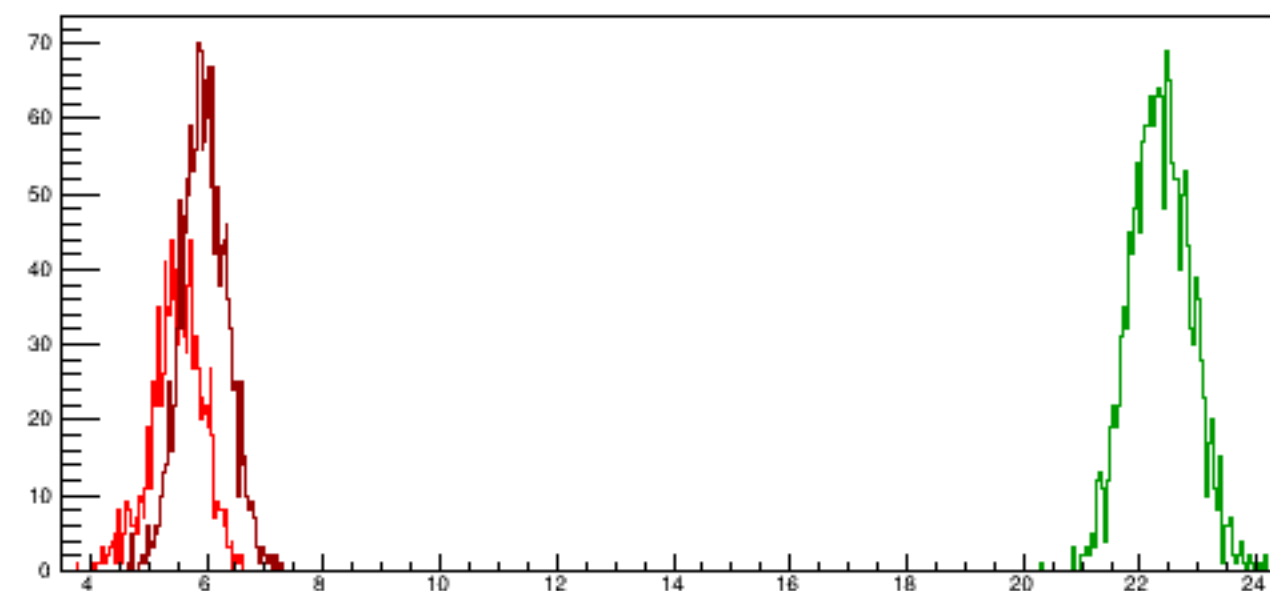
Std Dev: 0.5174 +/- 0.0086

Entries: 1938

Mean: 5.9505 +/- 0.0089

Std Dev: 0.3930 +/- 0.0063

Run 6166 quartetwise, Sums



Cycle 9, Asyms

Entries: 1196

Mean: -0.0008 +/- 0.0006

Std Dev: 0.0205 +/- 0.0004

Entries: 1807

Mean: -0.0334 +/- 0.0006

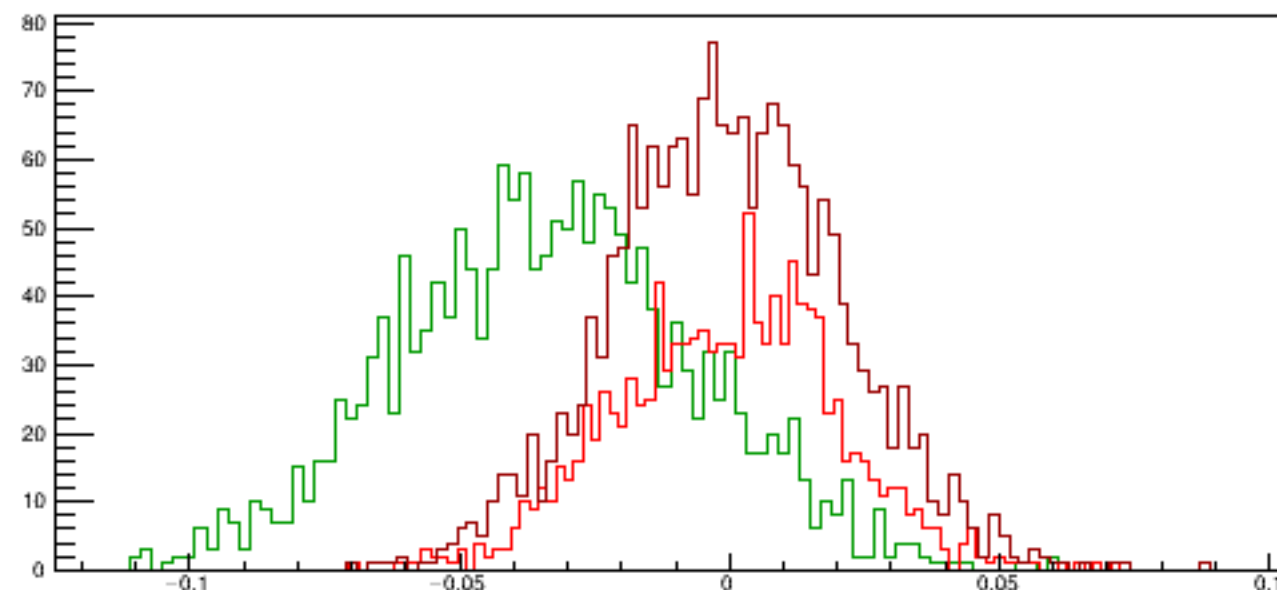
Std Dev: 0.0276 +/- 0.0005

Entries: 1938

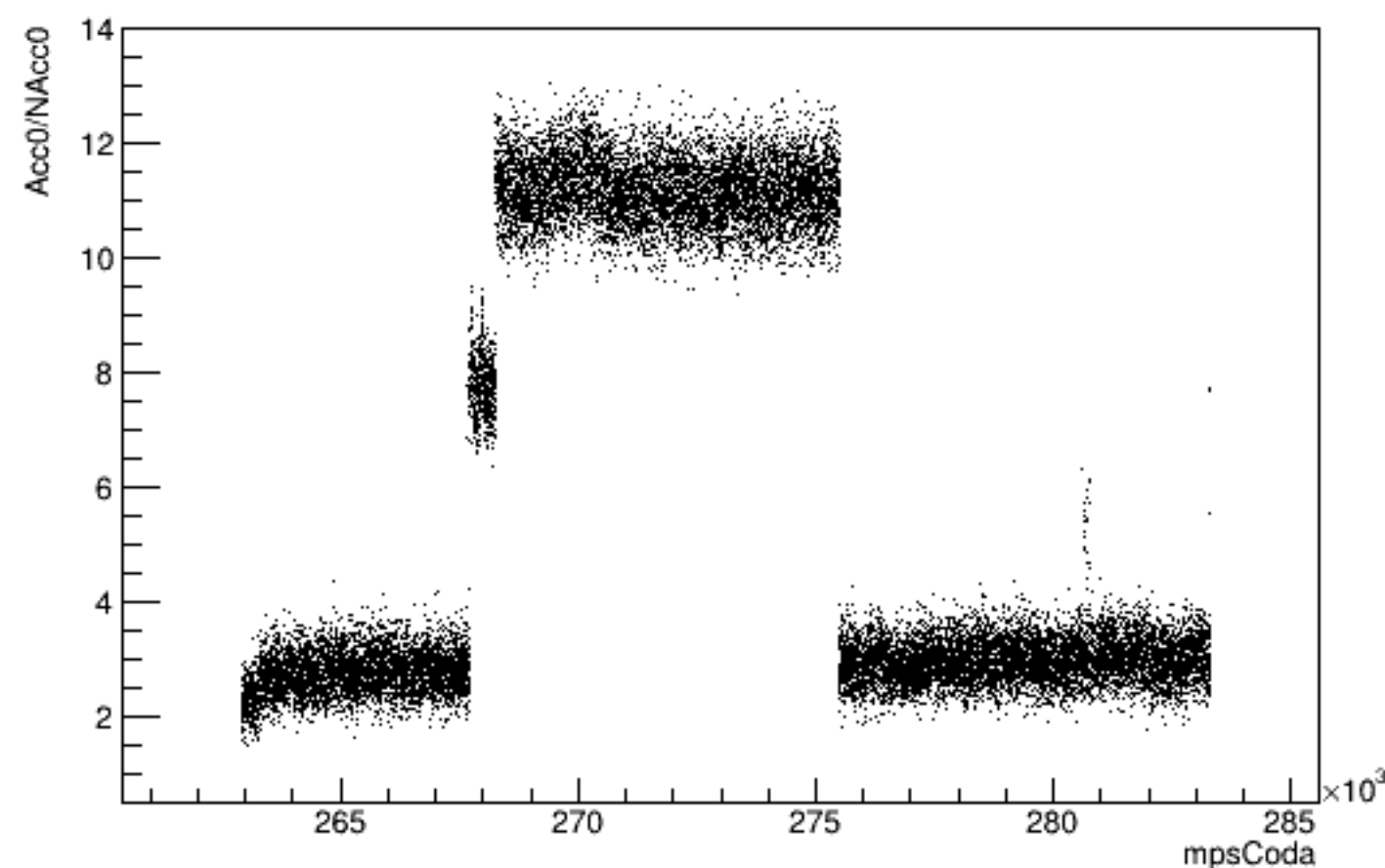
Mean: -0.0003 +/- 0.0005

Std Dev: 0.0213 +/- 0.0003

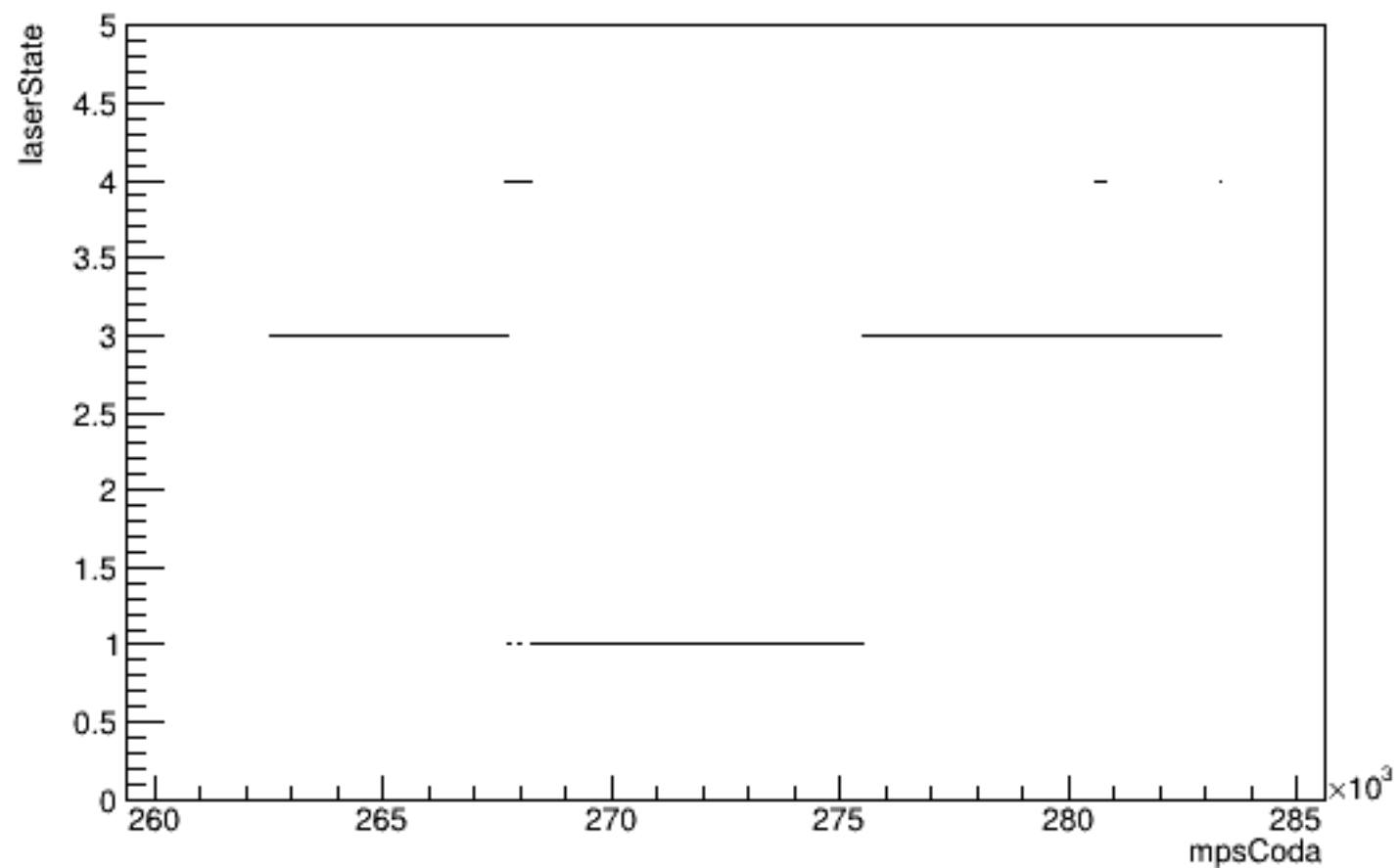
Run 6166 quartetwise, Asyms



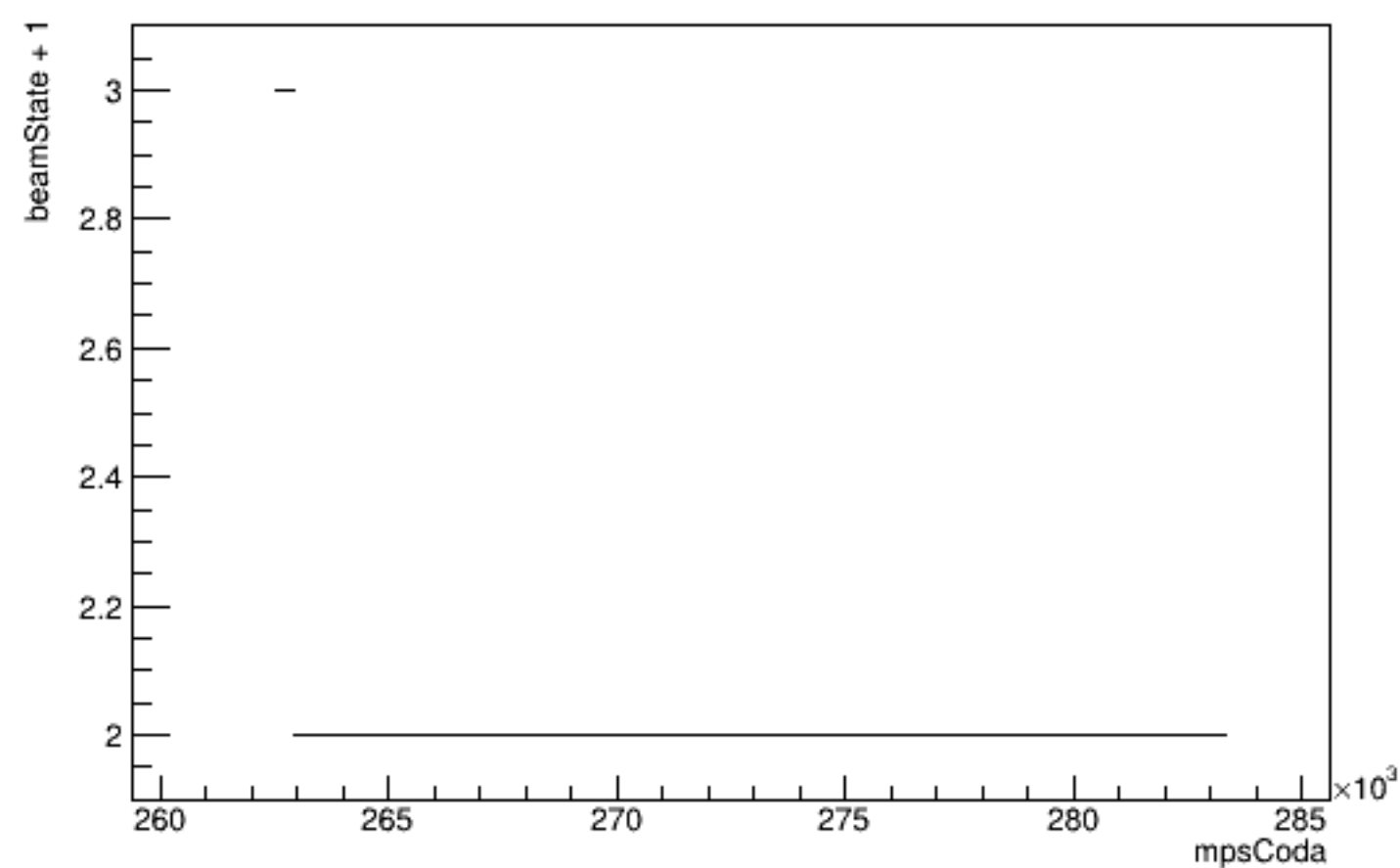
Acc0/NAcc0:mpsCoda (mpsCoda>=262534 && mpsCoda<=283313 && beamState==1)



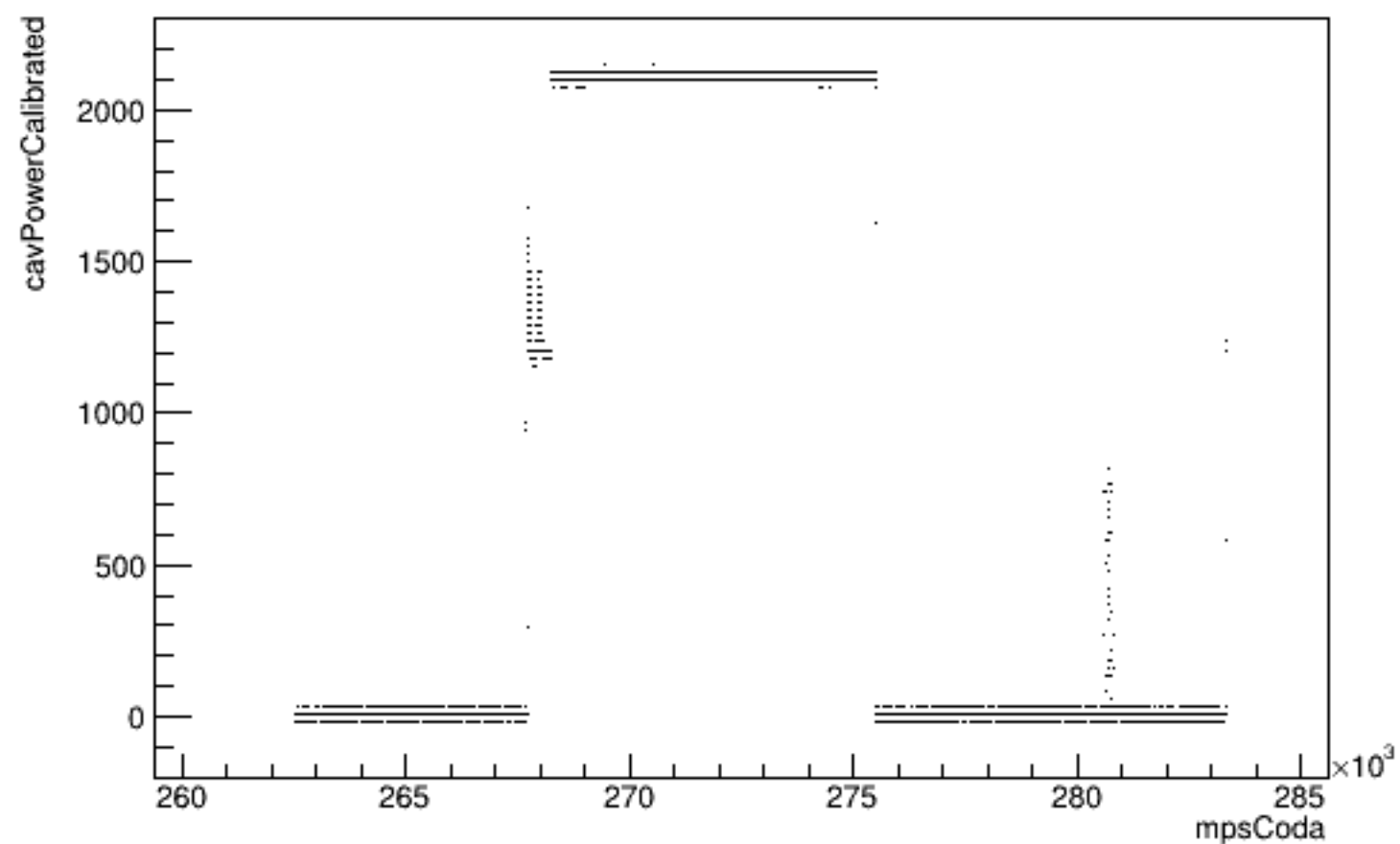
laserState:mpsCoda {mpsCoda>=262534 && mpsCoda<=283313}



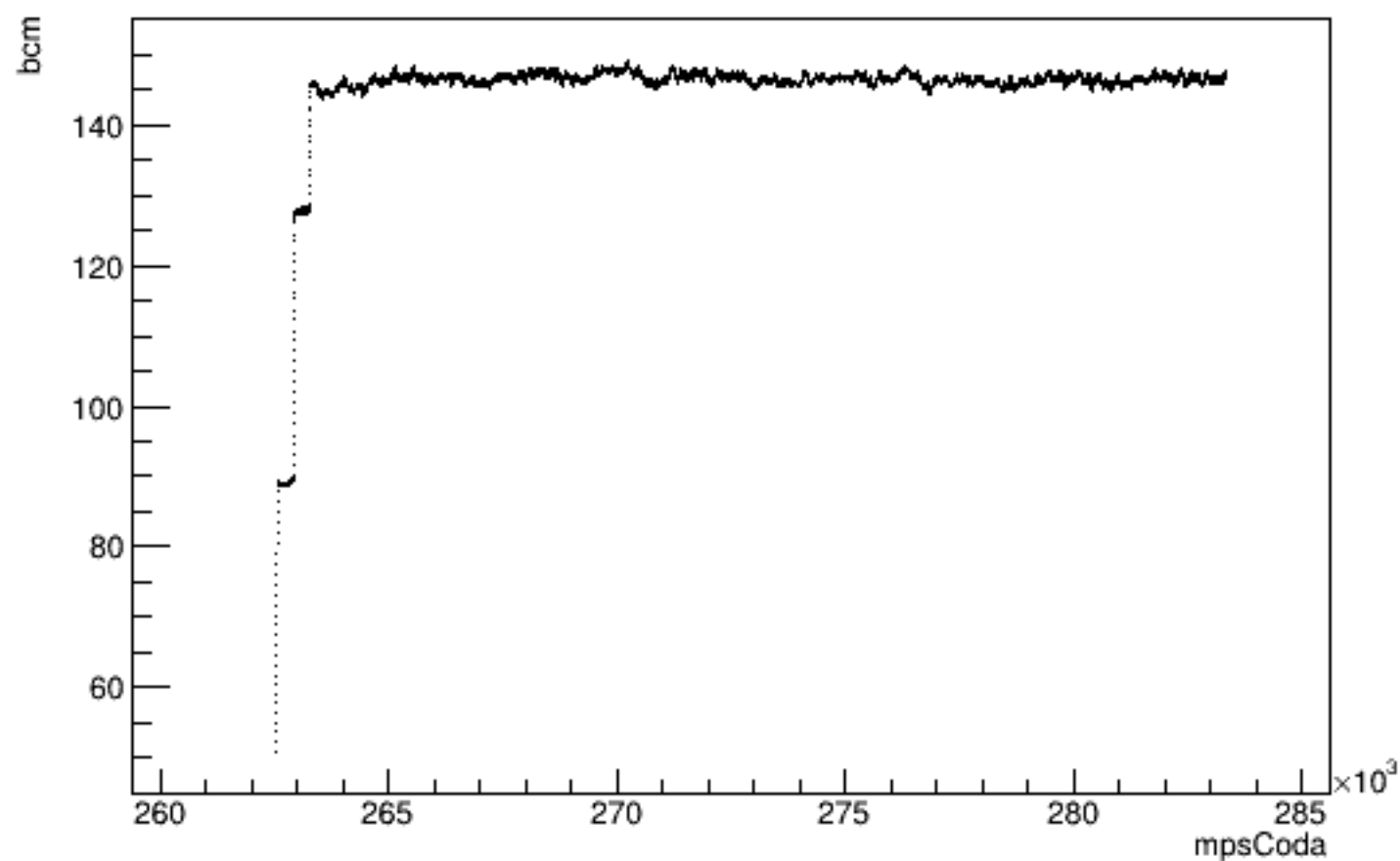
beamState + 1:mpsCoda {mpsCoda>=262534 && mpsCoda<=283313}



cavPowerCalibrated:mpsCoda {mpsCoda>=262534 && mpsCoda<=283313}



bcm:mpsCoda {mpsCoda>=262534 && mpsCoda<=283313}



Cycle 10, Diffs

Entries: 1938

Mean: -0.0051 +/- 0.0080

Std Dev: 0.3541 +/- 0.0057

Entries: 1810

Mean: -0.5448 +/- 0.0106

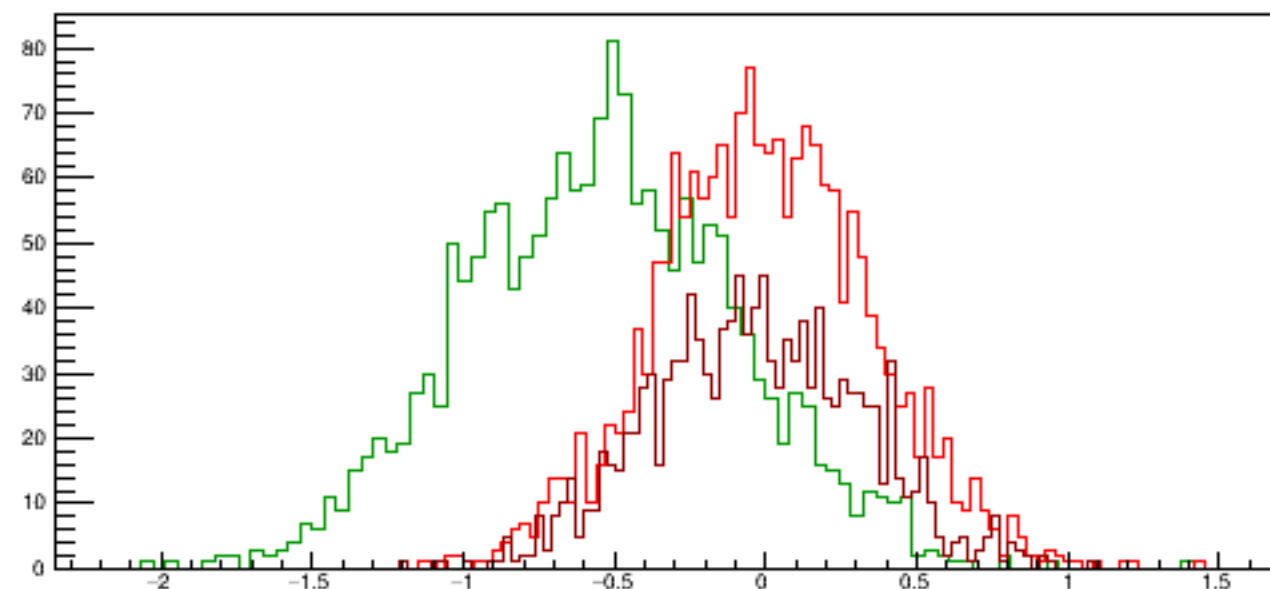
Std Dev: 0.4500 +/- 0.0075

Entries: 1287

Mean: -0.0339 +/- 0.0097

Std Dev: 0.3478 +/- 0.0069

Run 6166 quartetwise, Diffs



Cycle 10, Sums

Entries: 1938

Mean: 5.9505 +/- 0.0089

Std Dev: 0.3930 +/- 0.0063

Entries: 1810

Mean: 22.6677 +/- 0.0113

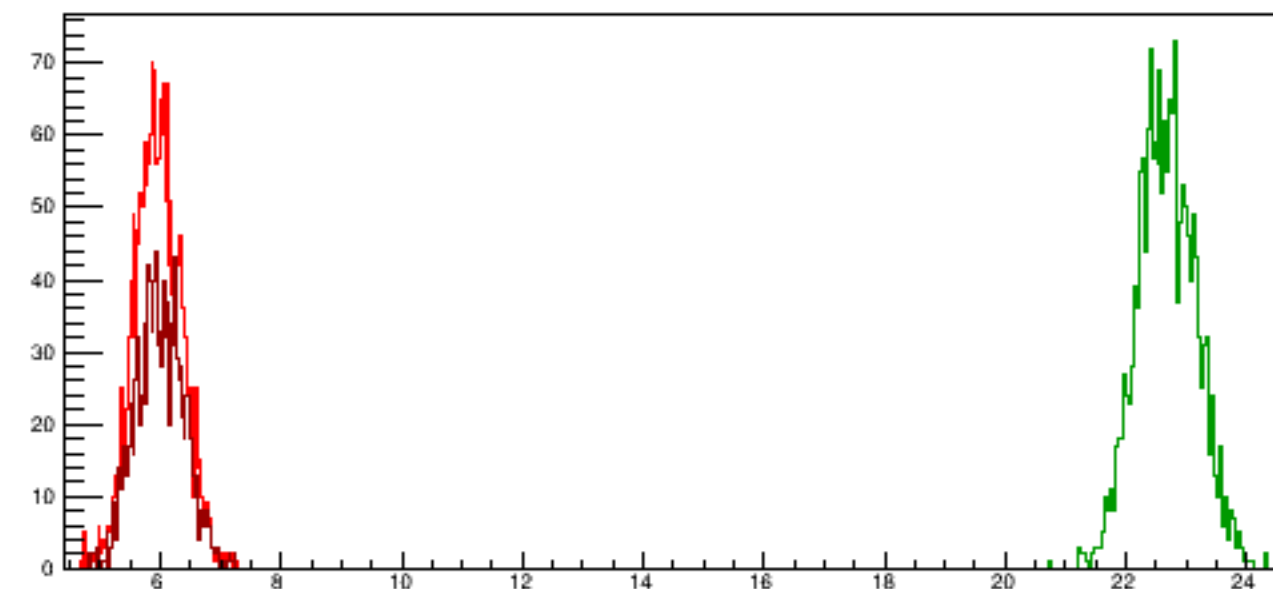
Std Dev: 0.4826 +/- 0.0080

Entries: 1287

Mean: 5.9880 +/- 0.0111

Std Dev: 0.3989 +/- 0.0079

Run 6166 quartetwise, Sums



Cycle 10, Asyms

Entries: 1938

Mean: -0.0003 +/- 0.0005

Std Dev: 0.0212 +/- 0.0003

Entries: 1810

Mean: -0.0326 +/- 0.0006

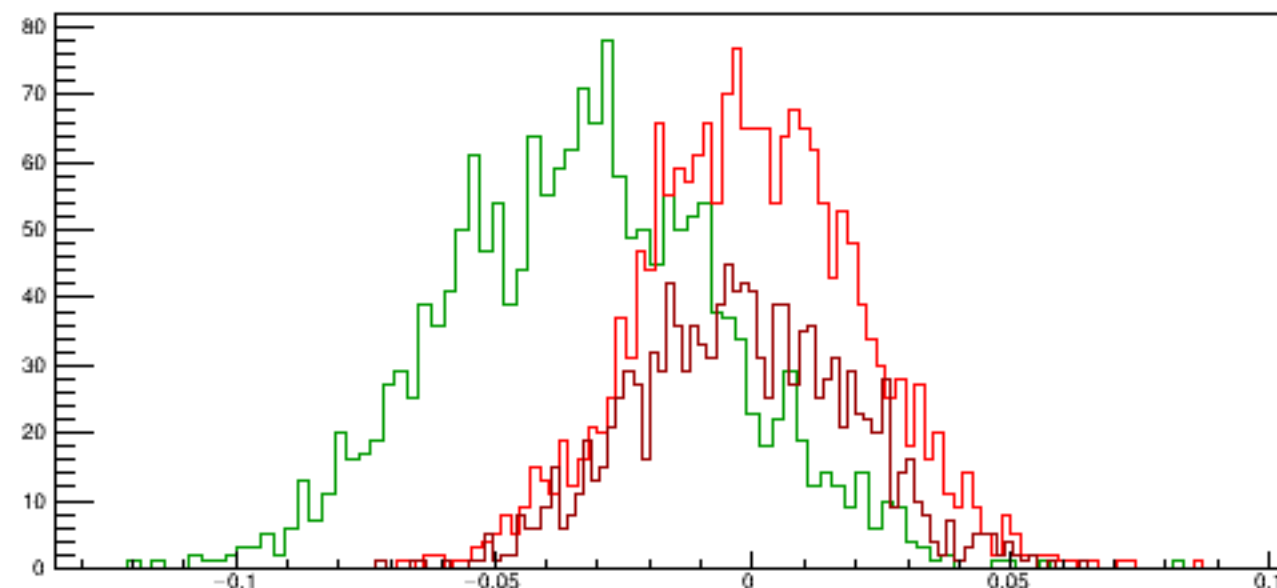
Std Dev: 0.0269 +/- 0.0004

Entries: 1287

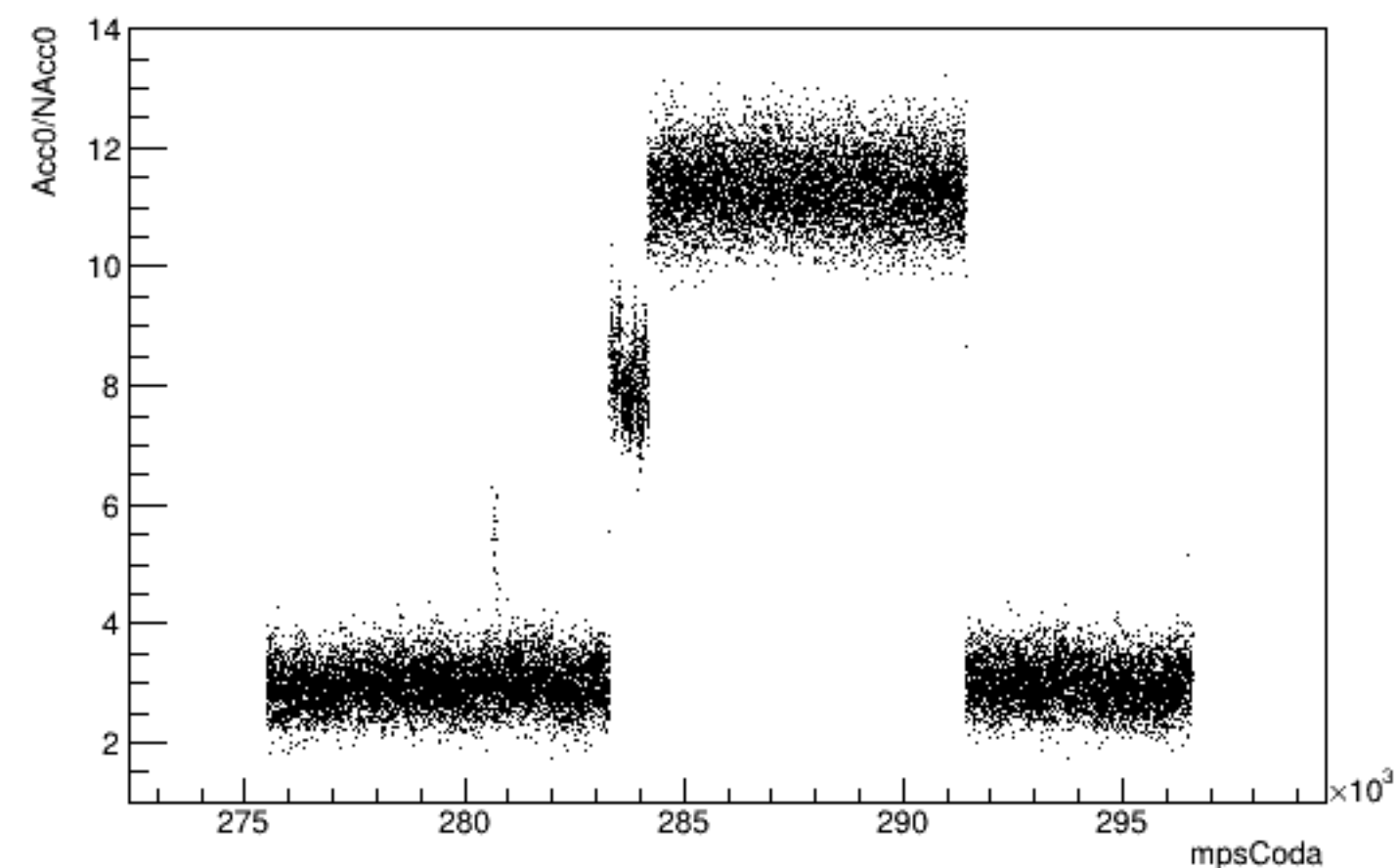
Mean: -0.0020 +/- 0.0006

Std Dev: 0.0208 +/- 0.0004

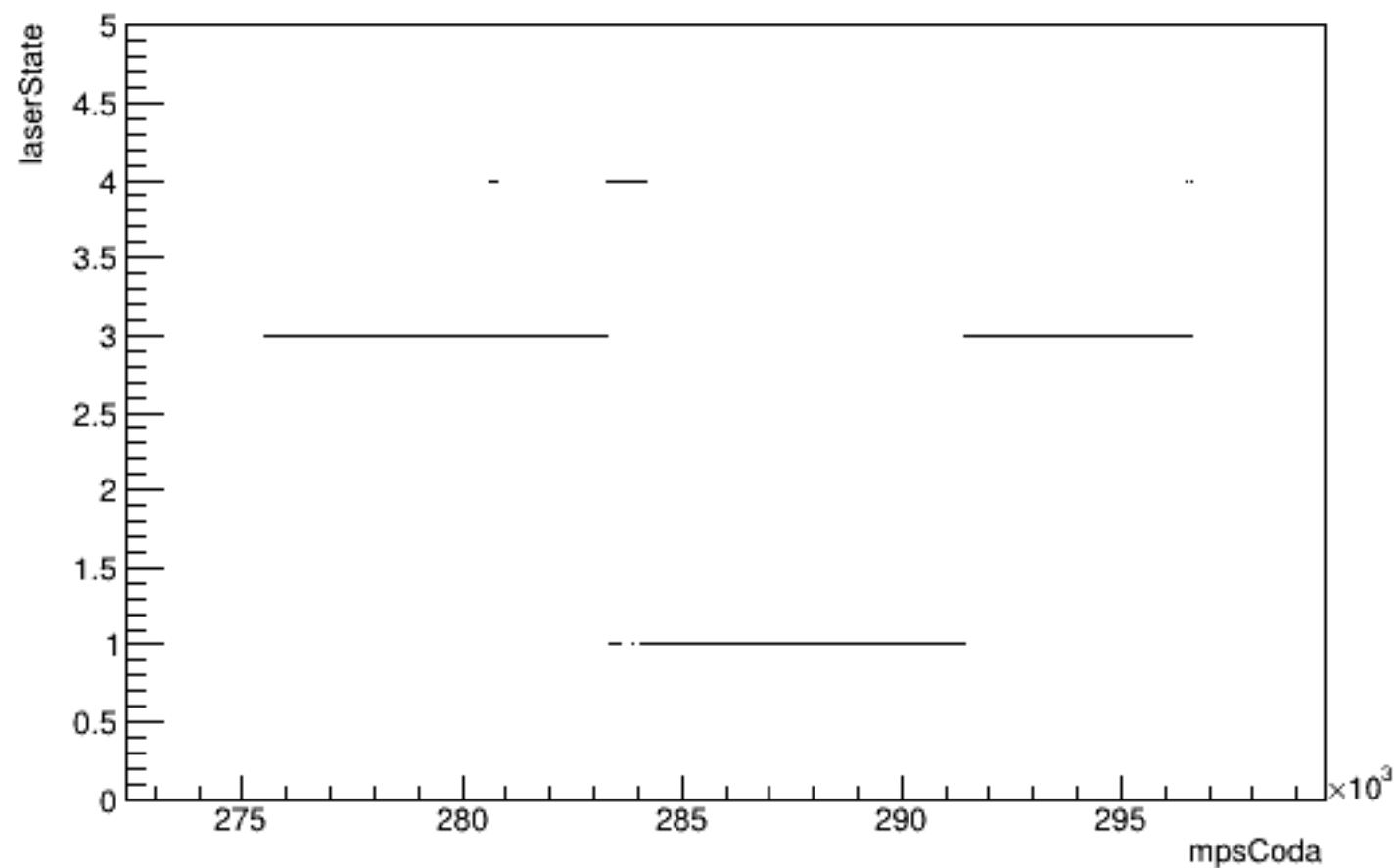
Run 6166 quartetwise, Asyms



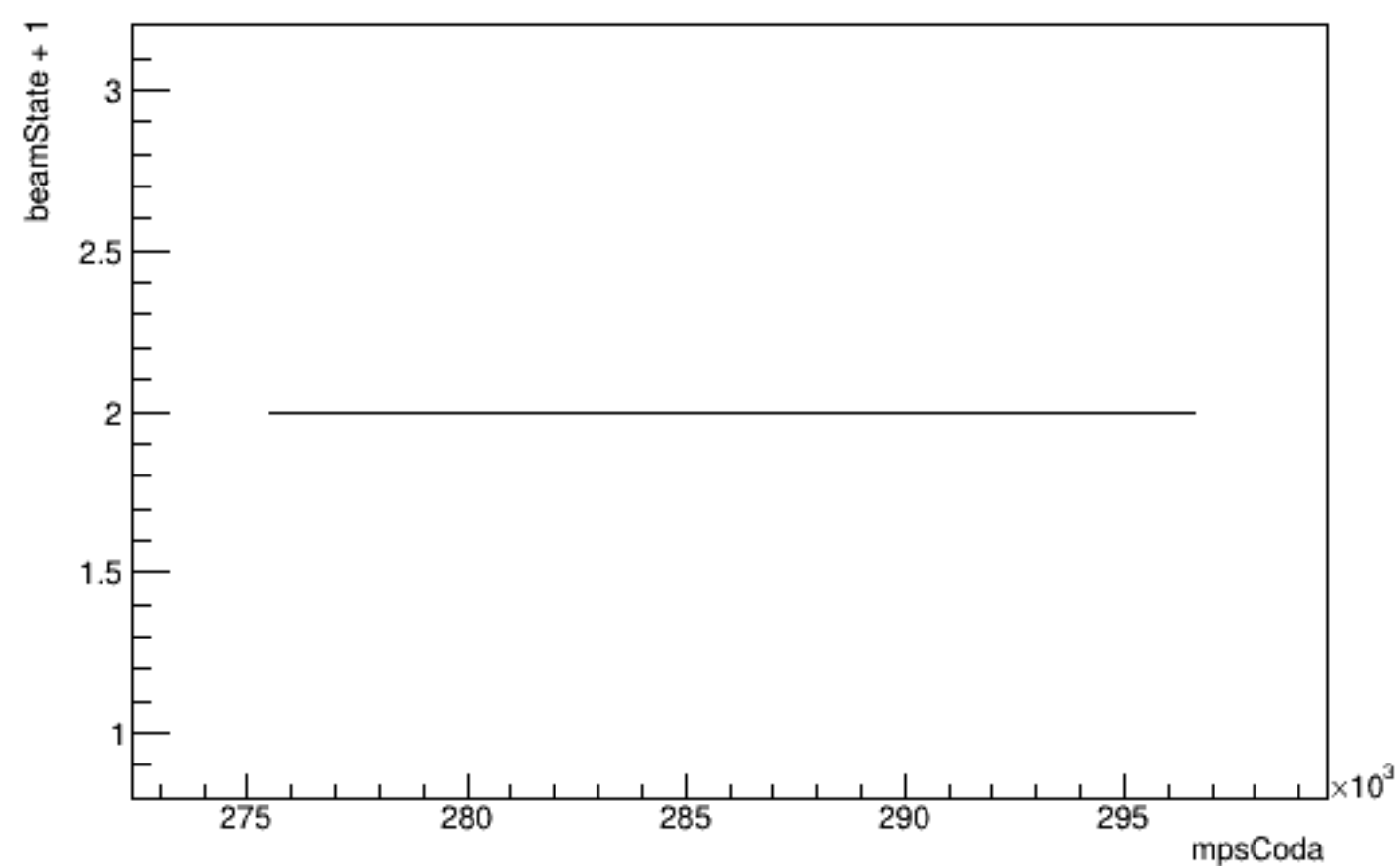
Acc0/NAcc0:mpsCoda (mpsCoda>=275494 && mpsCoda<=296585 && beamState==1)



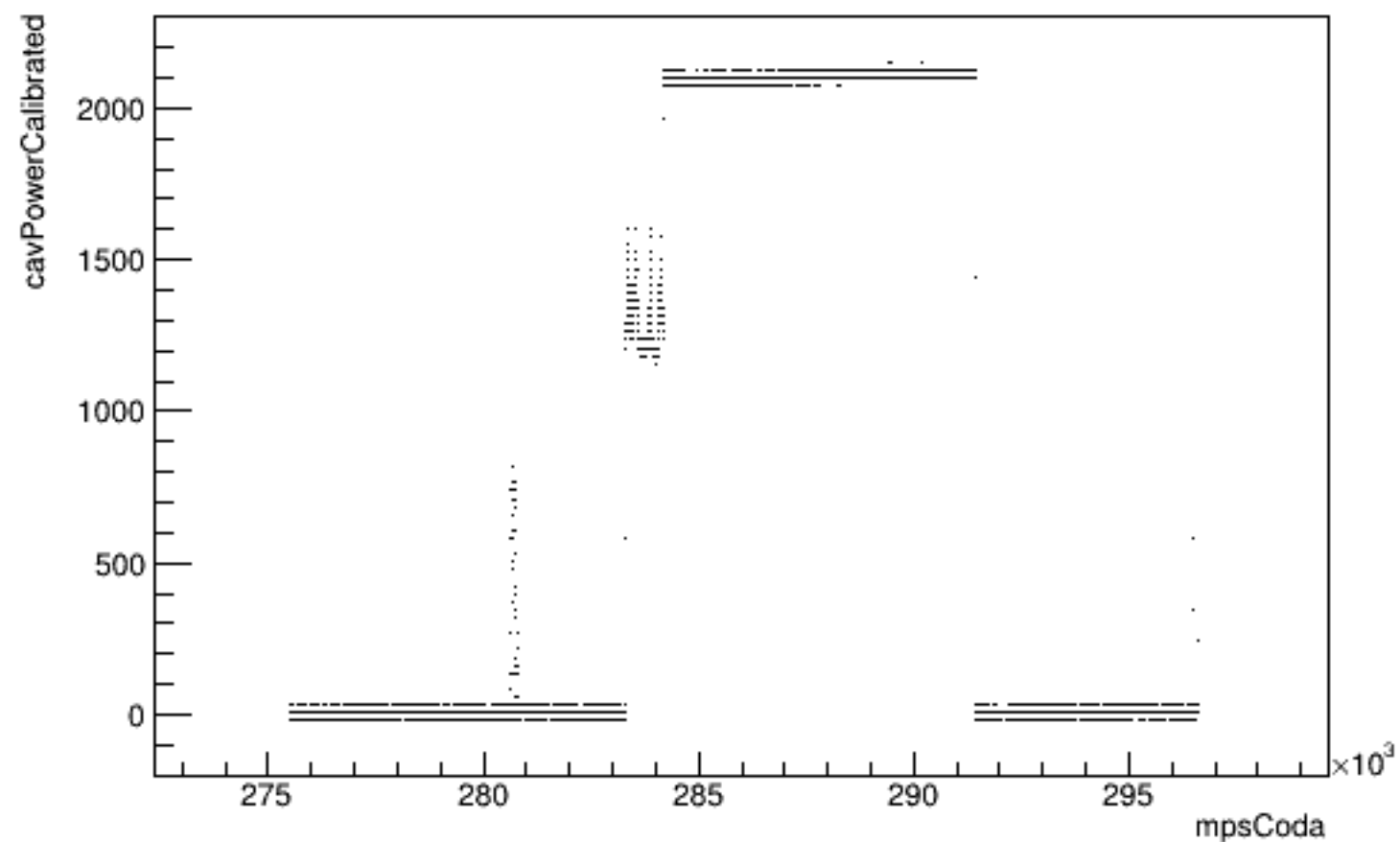
laserState:mpsCoda {mpsCoda>=275494 && mpsCoda<=296585}



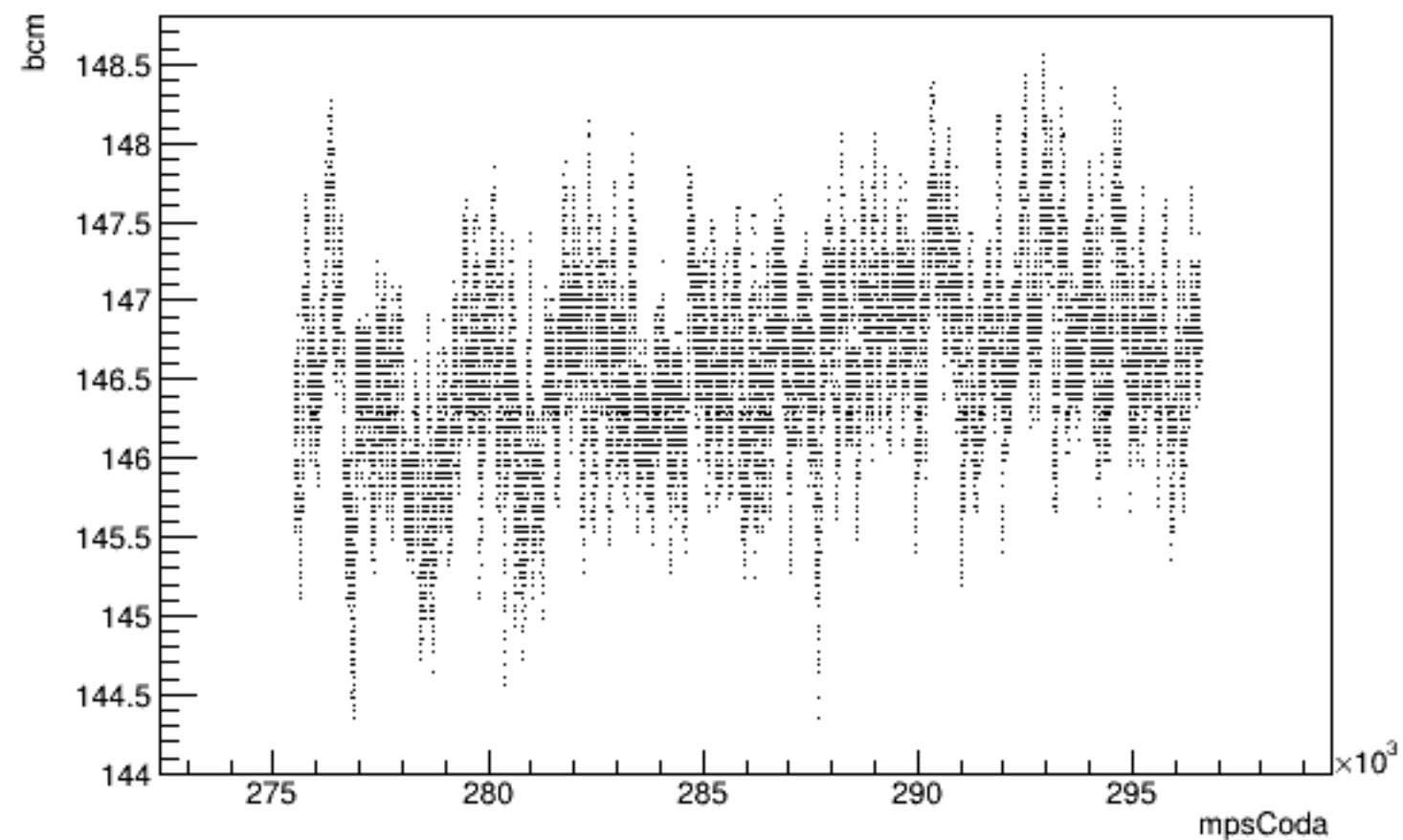
beamState + 1:mpsCoda {mpsCoda>=275494 && mpsCoda<=296585}



cavPowerCalibrated:mpsCoda {mpsCoda>=275494 && mpsCoda<=296585}



bcm:mpsCoda {mpsCoda>=275494 && mpsCoda<=296585}



Cycle 11, Diffs

Entries: 1295

Mean: -0.0084 +/- 0.0099

Std Dev: 0.3577 +/- 0.0070

Entries: 992

Mean: -0.5321 +/- 0.0140

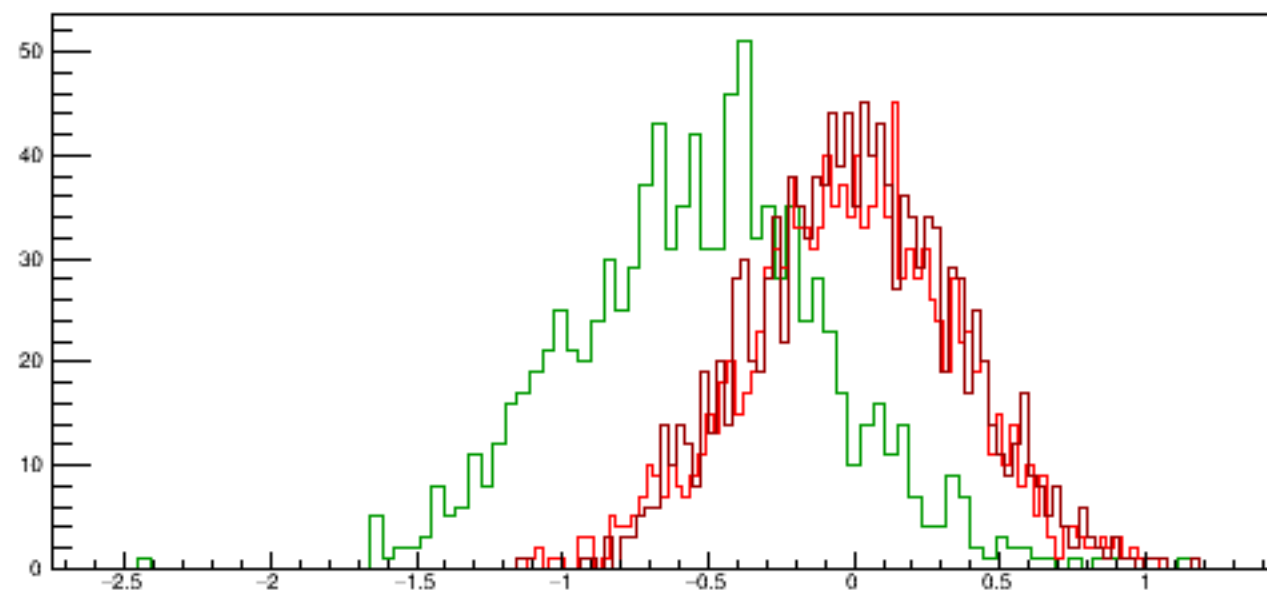
Std Dev: 0.4398 +/- 0.0099

Entries: 1293

Mean: 0.0034 +/- 0.0098

Std Dev: 0.3513 +/- 0.0069

Run 6166 quartetwise, Diffs



Cycle 11, Sums

Entries: 1295

Mean: 5.9492 +/- 0.0106

Std Dev: 0.3817 +/- 0.0075

Entries: 992

Mean: 22.4537 +/- 0.0289

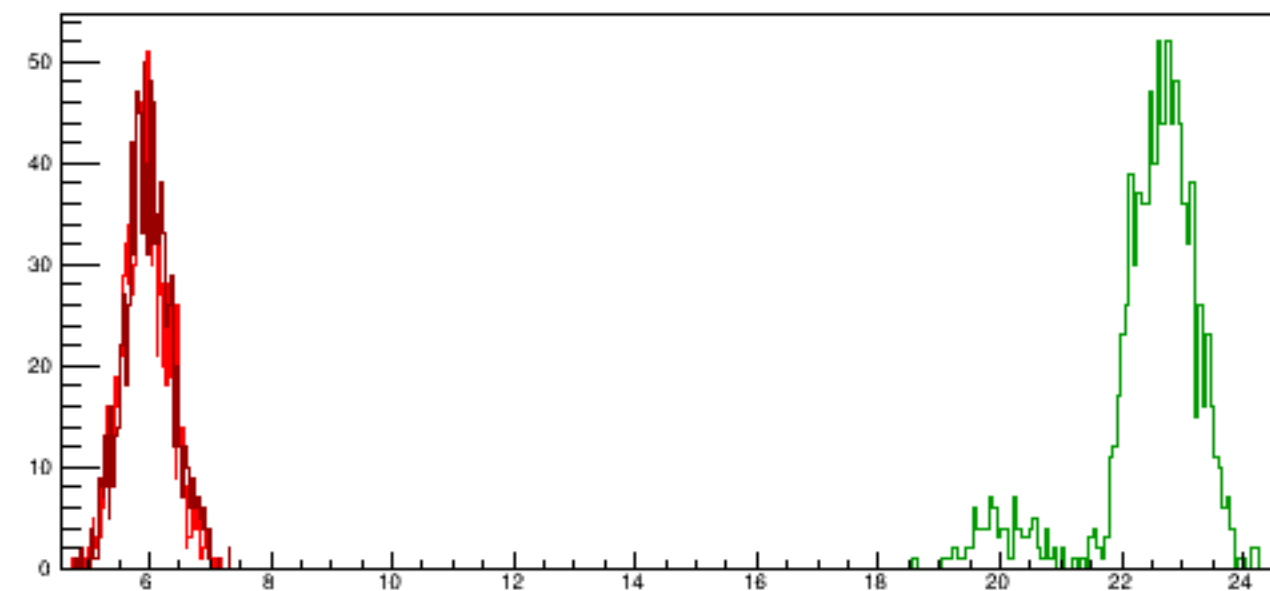
Std Dev: 0.9113 +/- 0.0205

Entries: 1293

Mean: 5.9848 +/- 0.0108

Std Dev: 0.3879 +/- 0.0076

Run 6166 quartetwise, Sums



Cycle 11, Asyms

Entries: 1295

Mean: -0.0005 +/- 0.0006

Std Dev: 0.0217 +/- 0.0004

Entries: 992

Mean: -0.0323 +/- 0.0008

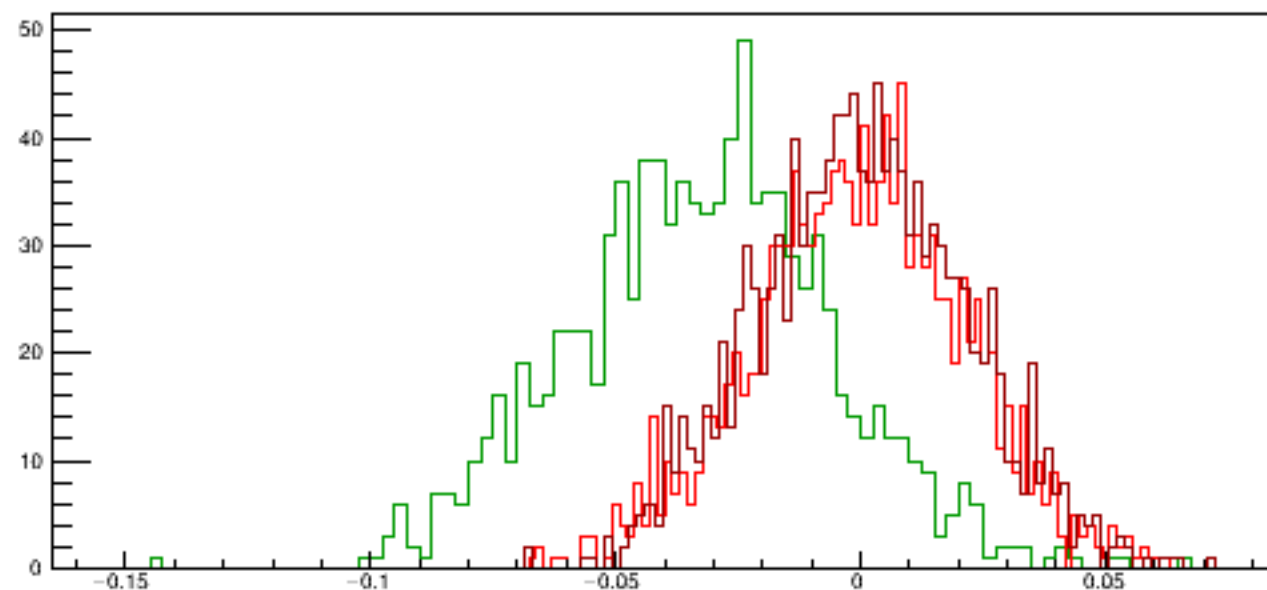
Std Dev: 0.0267 +/- 0.0006

Entries: 1293

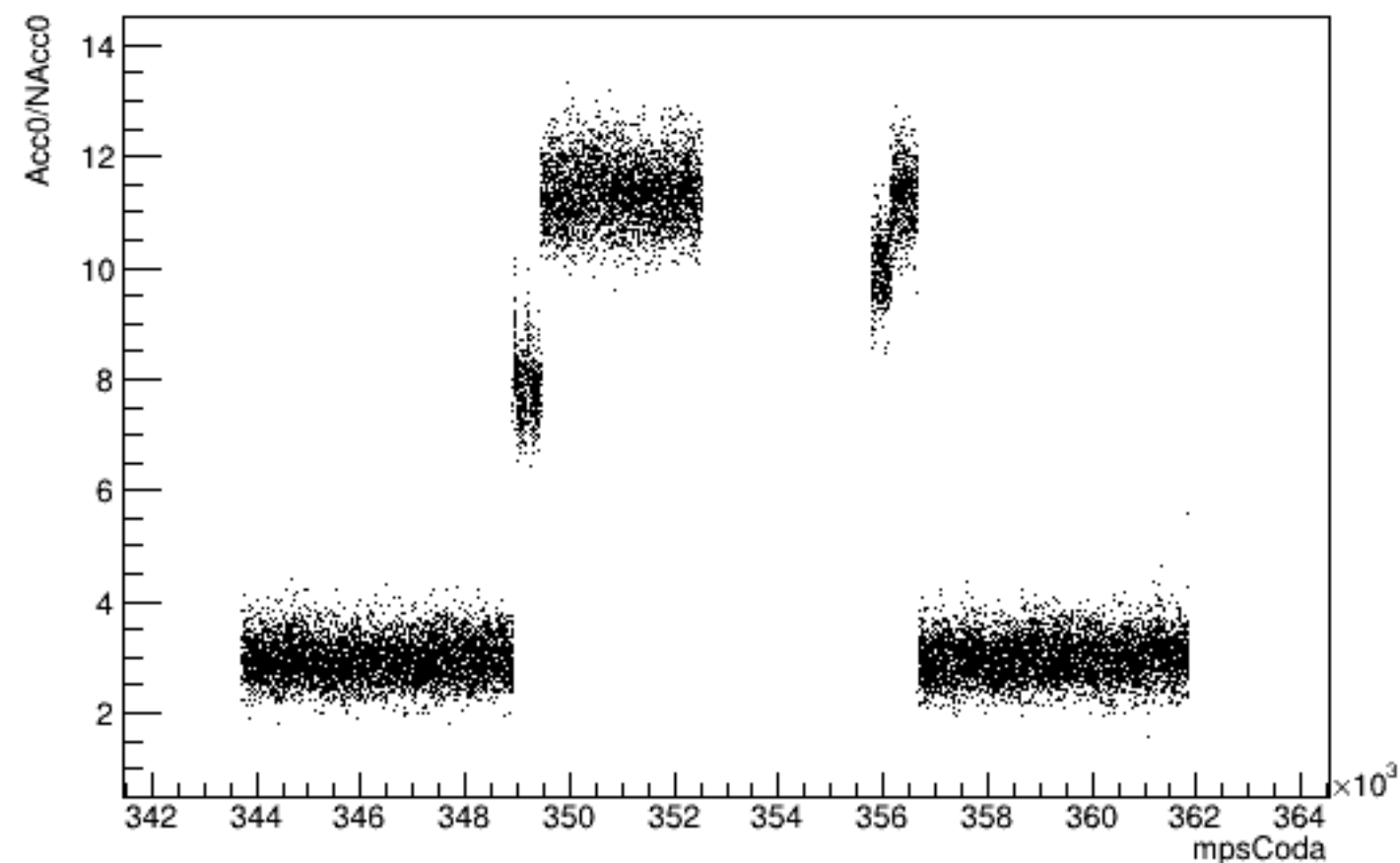
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0213 +/- 0.0004

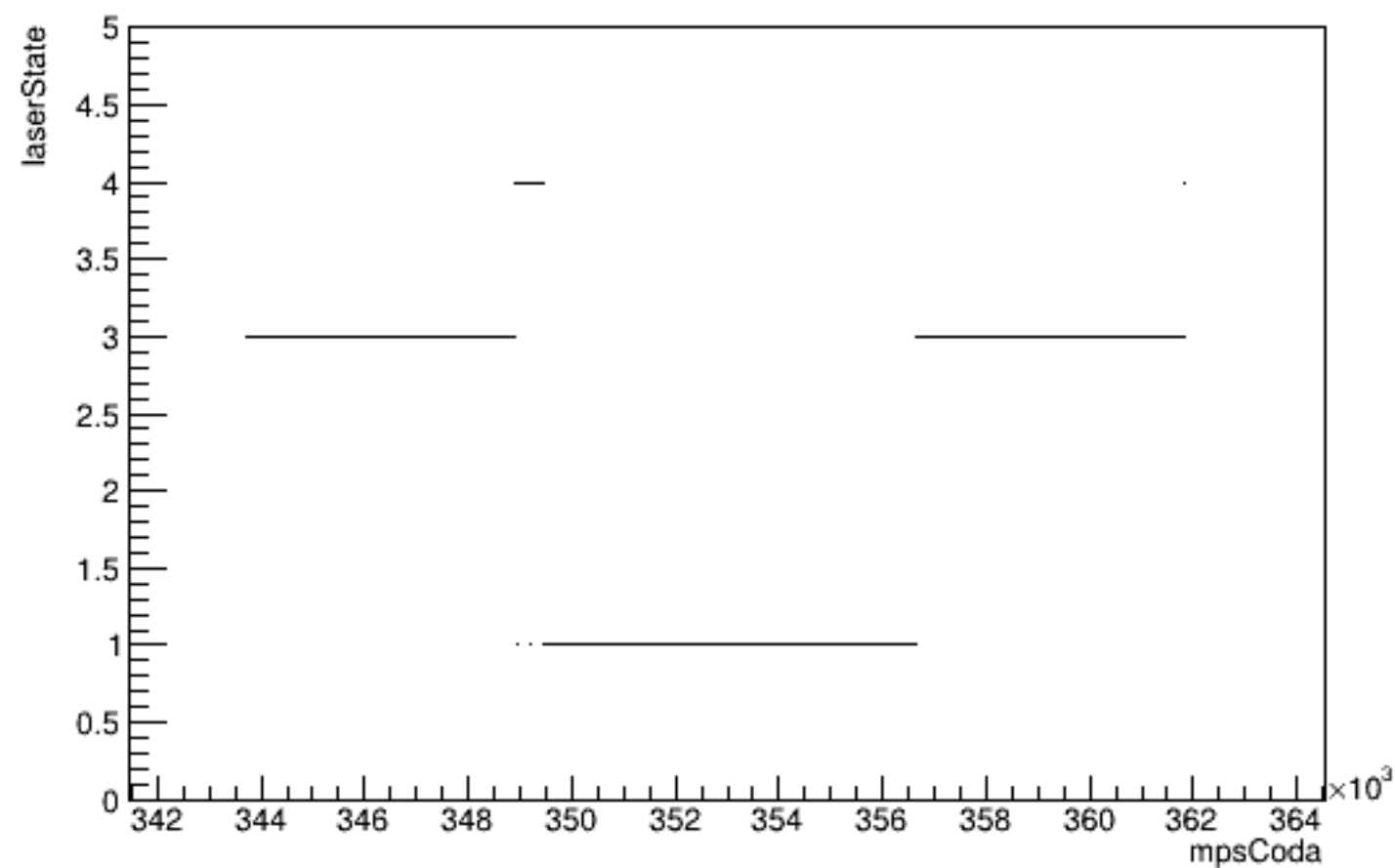
Run 6166 quartetwise, Asyms



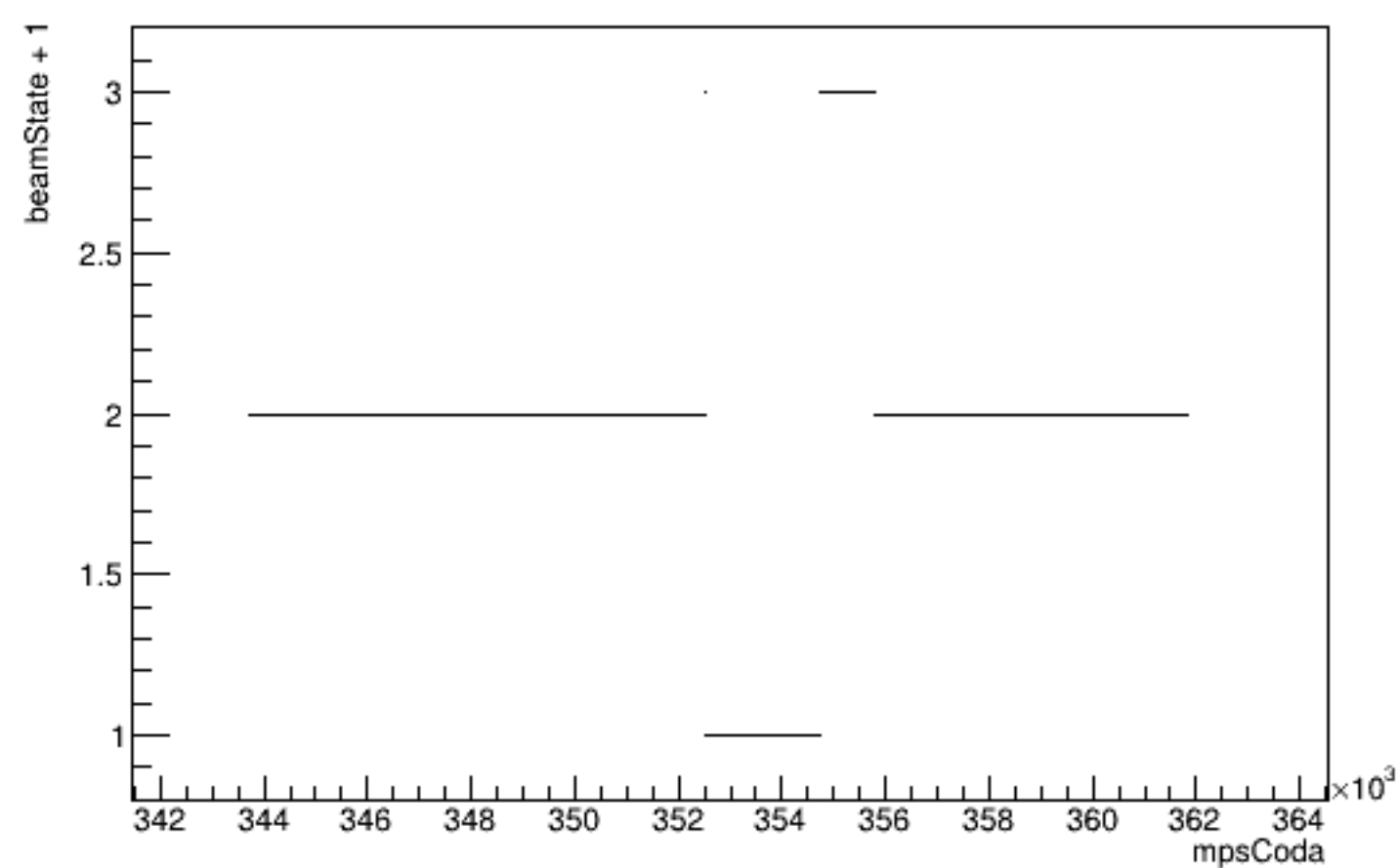
Acc0/NAcc0:mpsCoda (mpsCoda>=343734 && mpsCoda<=361849 && beamState==1)



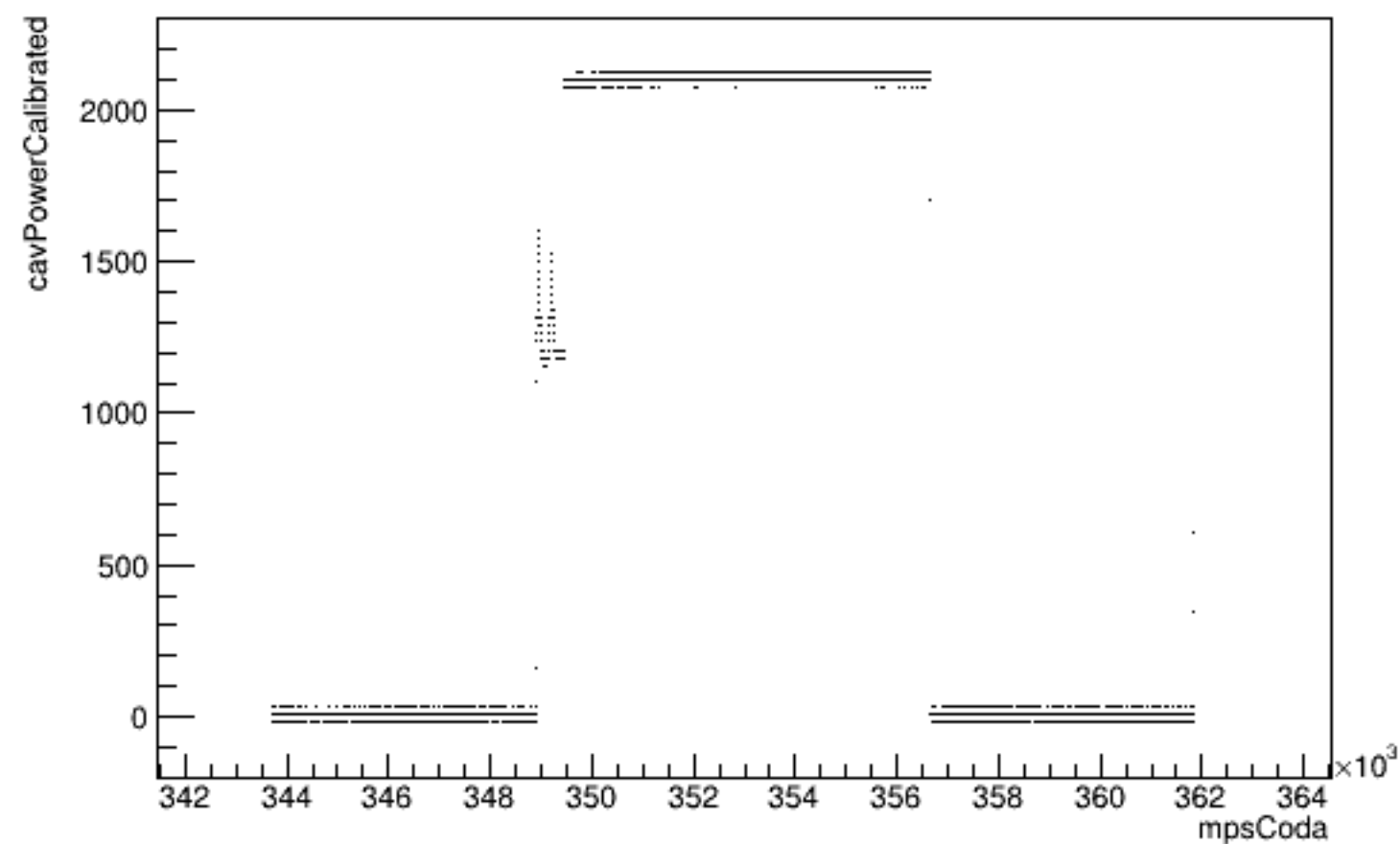
laserState:mpsCoda {mpsCoda>=343734 && mpsCoda<=361849}



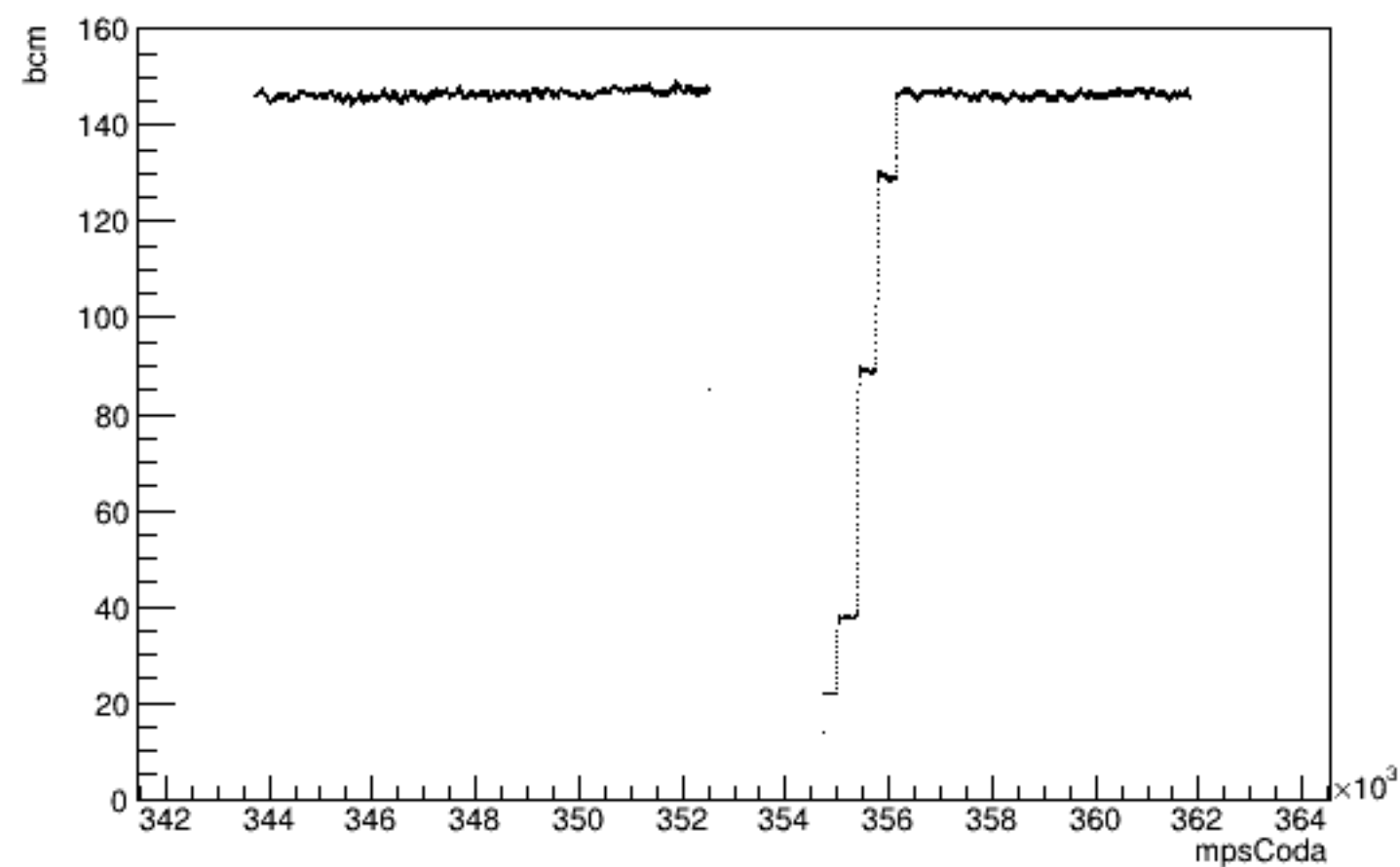
beamState + 1:mpsCoda {mpsCoda>=343734 && mpsCoda<=361849}



cavPowerCalibrated:mpsCoda {mpsCoda>=343734 && mpsCoda<=361849}



bcm:mpsCoda {mpsCoda>=343734 && mpsCoda<=361849}



Cycle 12, Diffs

Entries: 1293

Mean: 0.0034 +/- 0.0098

Std Dev: 0.3513 +/- 0.0069

Entries: 1807

Mean: -0.5391 +/- 0.0106

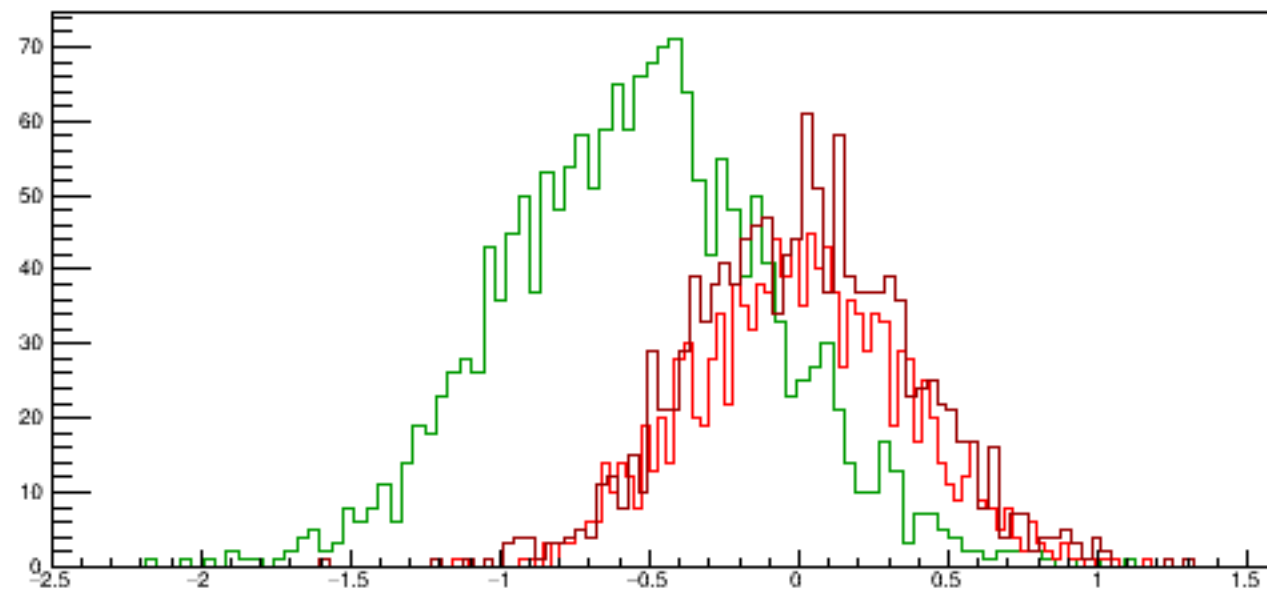
Std Dev: 0.4502 +/- 0.0075

Entries: 1287

Mean: 0.0107 +/- 0.0104

Std Dev: 0.3715 +/- 0.0073

Run 6166 quartetwise, Diffs



Cycle 12, Sums

Entries: 1293

Mean: 5.9848 +/- 0.0108

Std Dev: 0.3879 +/- 0.0076

Entries: 1807

Mean: 22.5290 +/- 0.0117

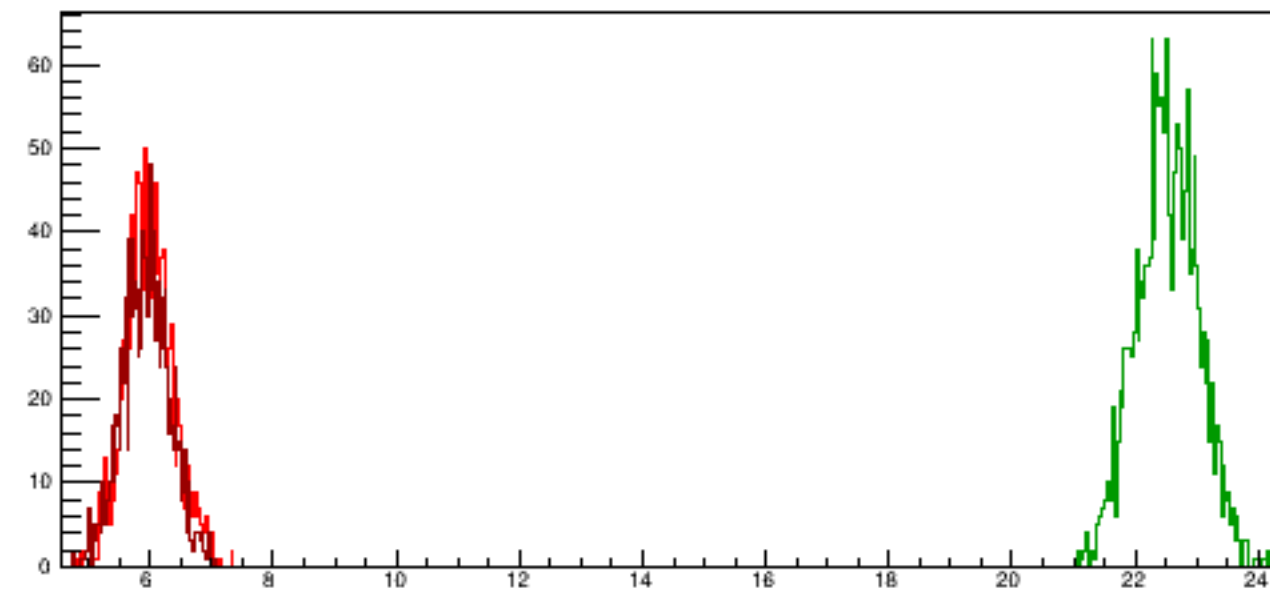
Std Dev: 0.4979 +/- 0.0083

Entries: 1287

Mean: 5.9291 +/- 0.0107

Std Dev: 0.3843 +/- 0.0076

Run 6166 quartetwise, Sums



Cycle 12, Asyms

Entries: 1293

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0212 +/- 0.0004

Entries: 1807

Mean: -0.0326 +/- 0.0006

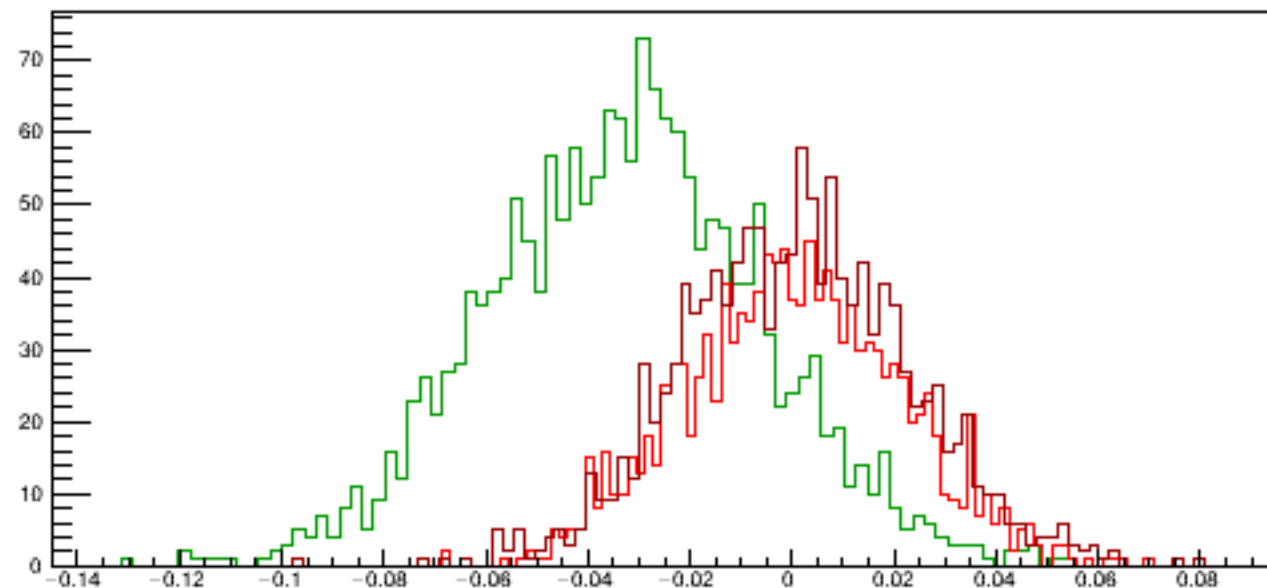
Std Dev: 0.0272 +/- 0.0005

Entries: 1287

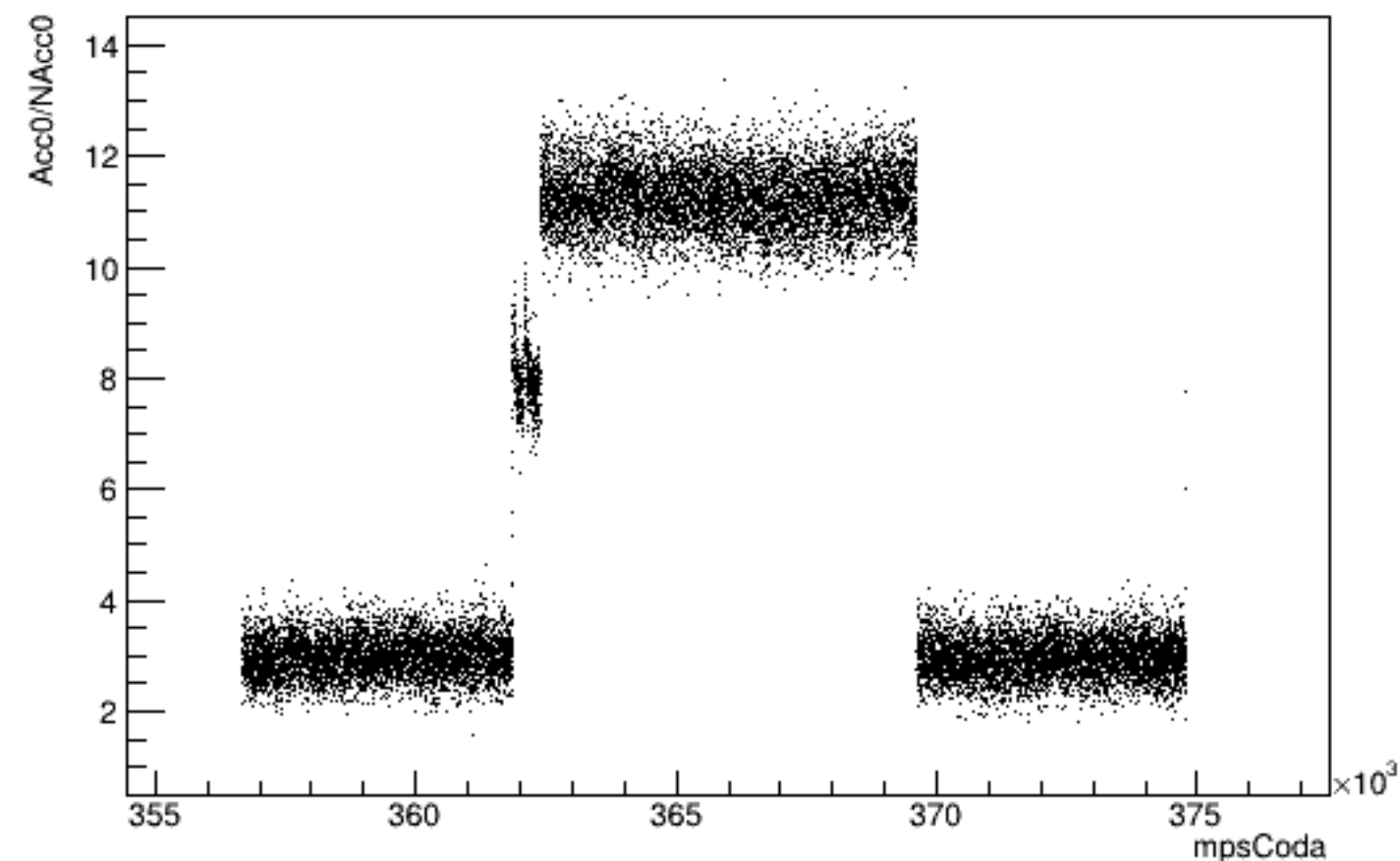
Mean: 0.0006 +/- 0.0006

Std Dev: 0.0224 +/- 0.0004

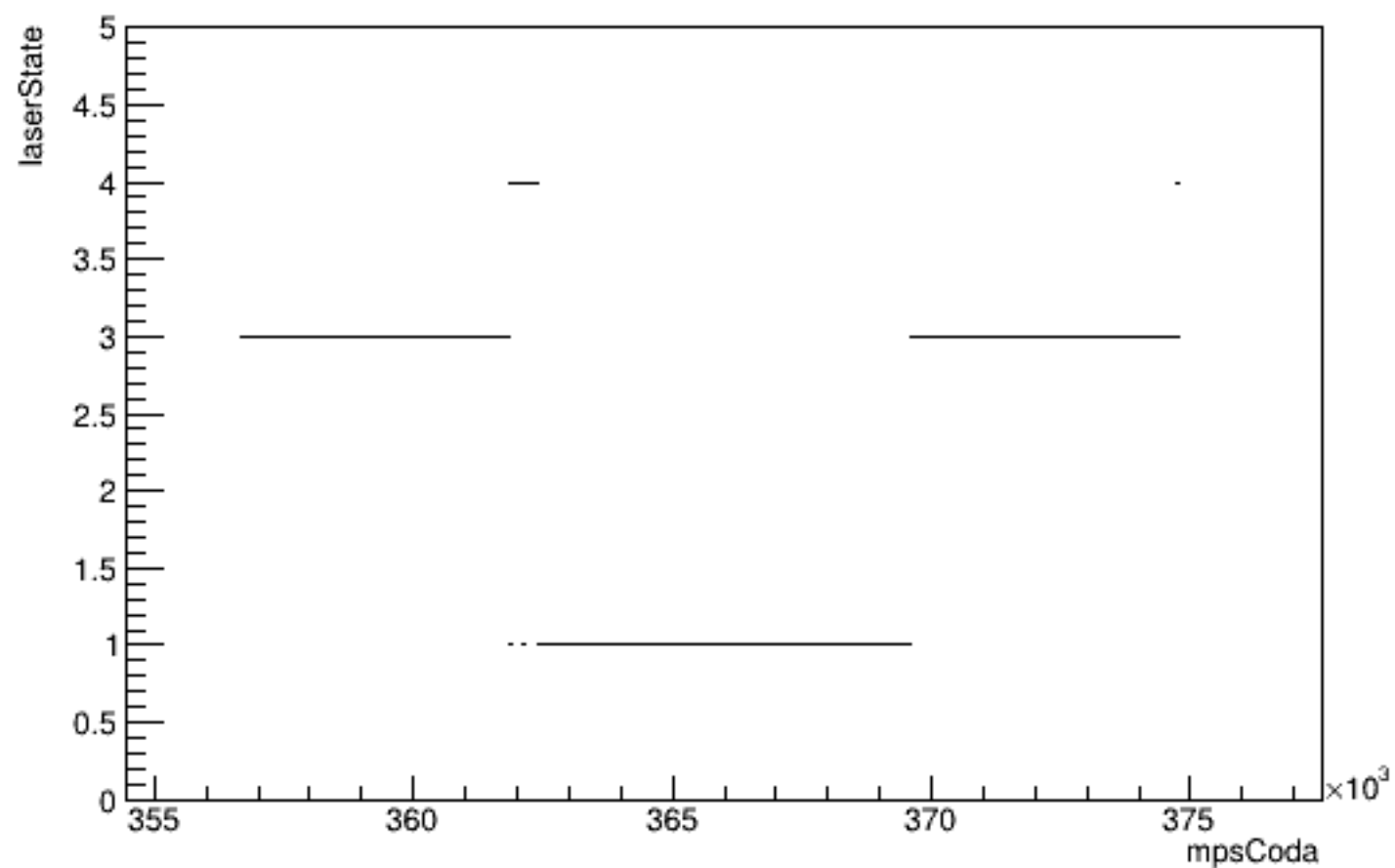
Run 6166 quartetwise, Asyms



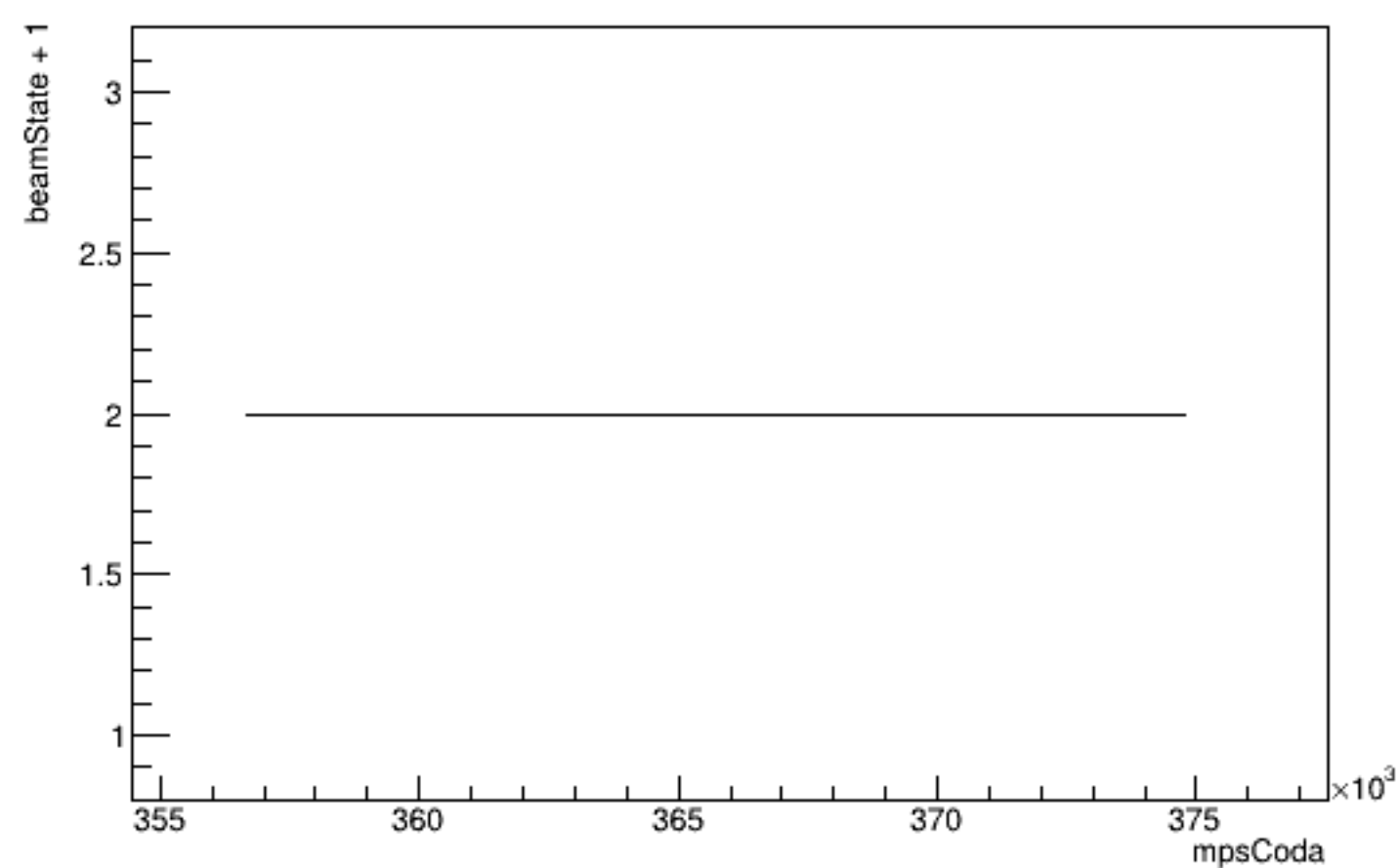
Acc0/NAcc0:mpsCoda (mpsCoda>=356674 && mpsCoda<=374781 && beamState==1)



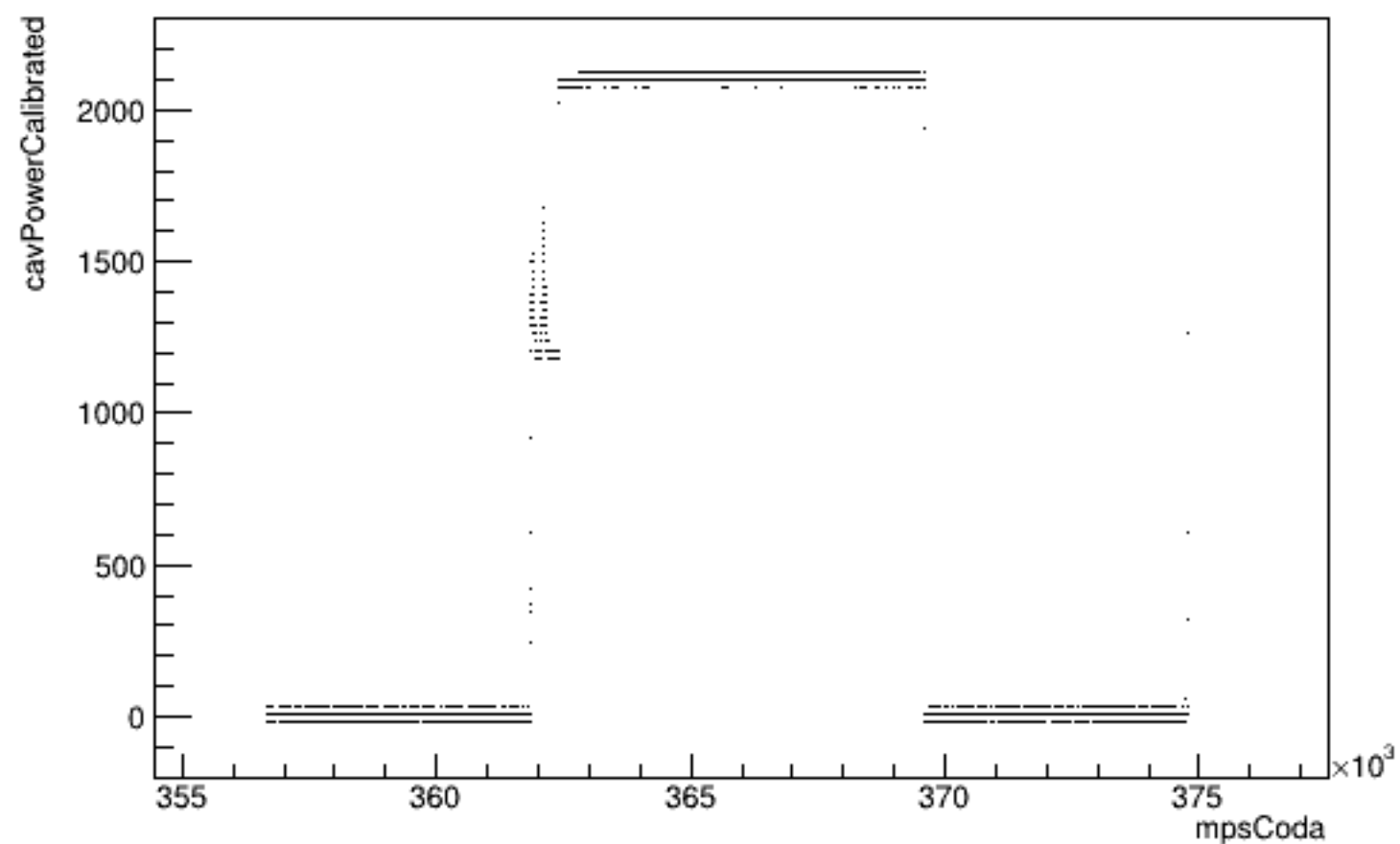
laserState:mpsCoda {mpsCoda>=356674 && mpsCoda<=374781}



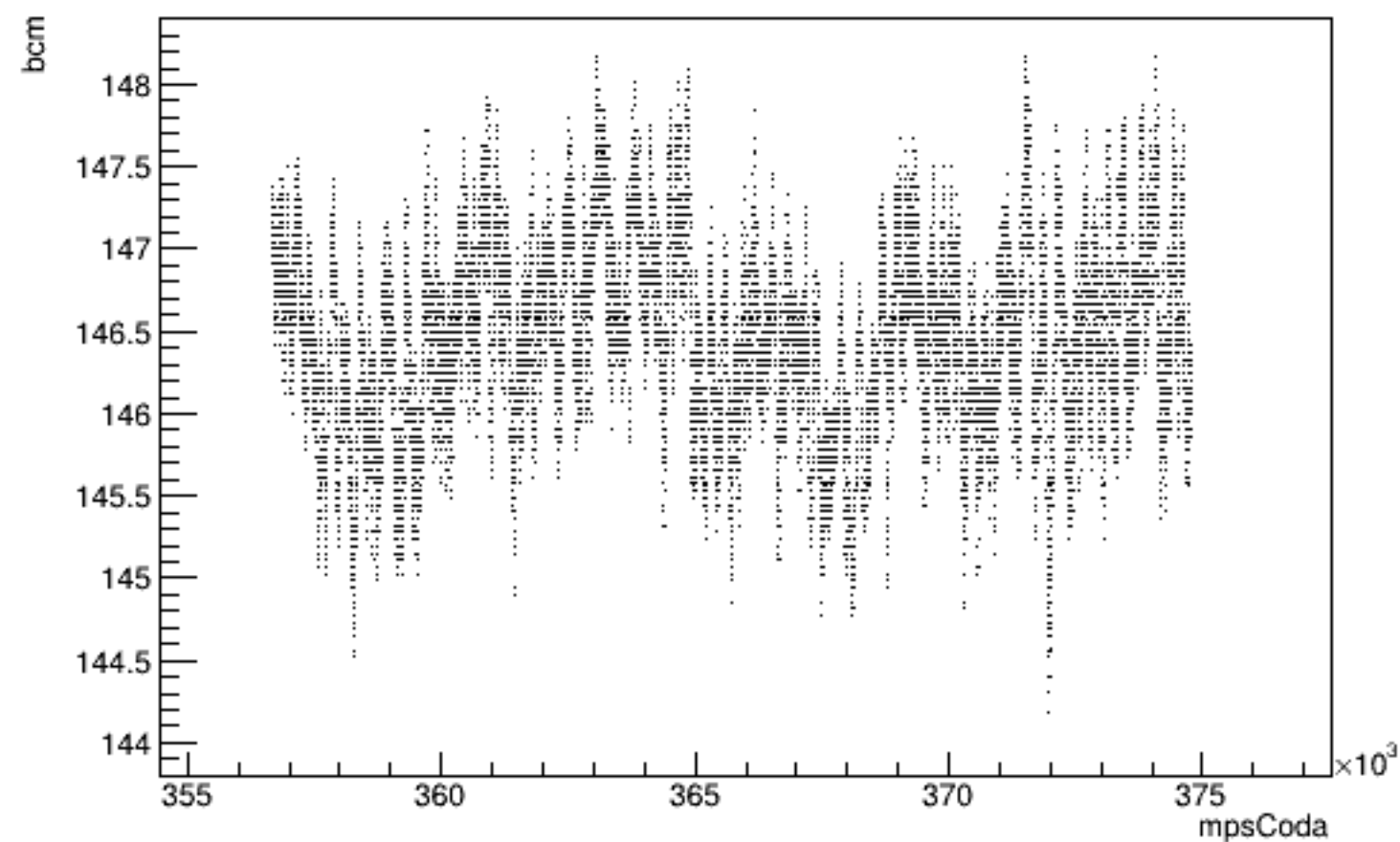
beamState + 1:mpsCoda {mpsCoda>=356674 && mpsCoda<=374781}



cavPowerCalibrated:mpsCoda {mpsCoda>=356674 && mpsCoda<=374781}



bcm:mpsCoda {mpsCoda>=356674 && mpsCoda<=374781}



Cycle 13, Diffs

Entries: 1287

Mean: 0.0107 +/- 0.0104

Std Dev: 0.3715 +/- 0.0073

Entries: 868

Mean: -0.5266 +/- 0.0148

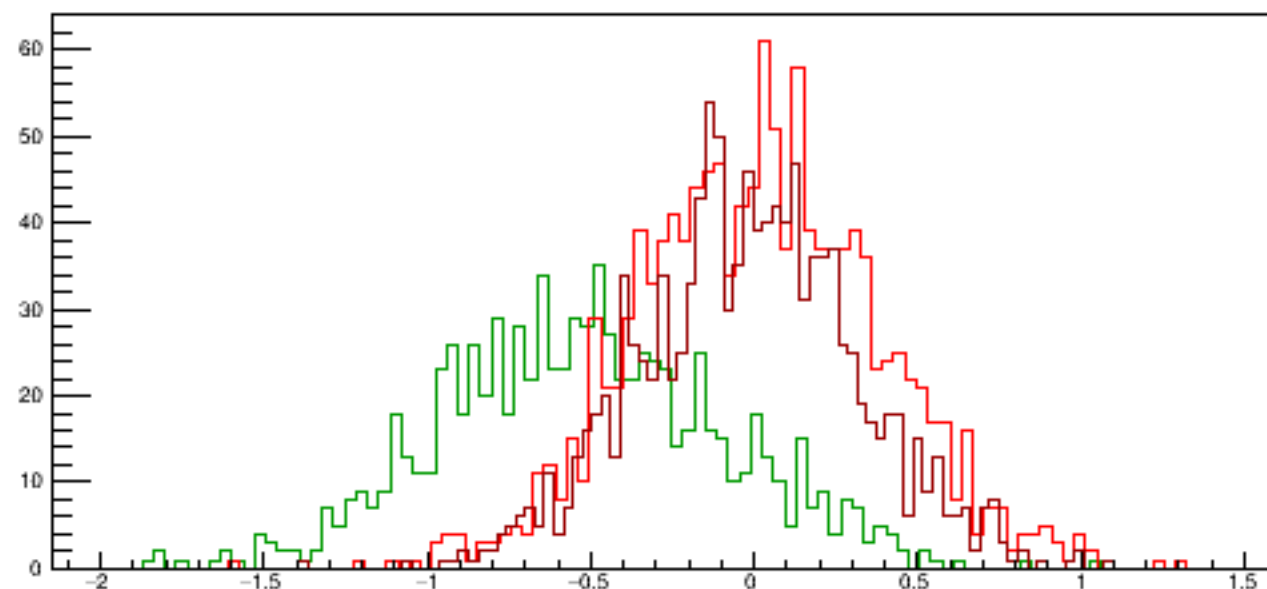
Std Dev: 0.4358 +/- 0.0105

Entries: 1194

Mean: -0.0208 +/- 0.0097

Std Dev: 0.3342 +/- 0.0068

Run 6166 quartetwise, Diffs



Cycle 13, Sums

Entries: 1287

Mean: 5.9291 +/- 0.0107

Std Dev: 0.3843 +/- 0.0076

Entries: 868

Mean: 22.2027 +/- 0.0281

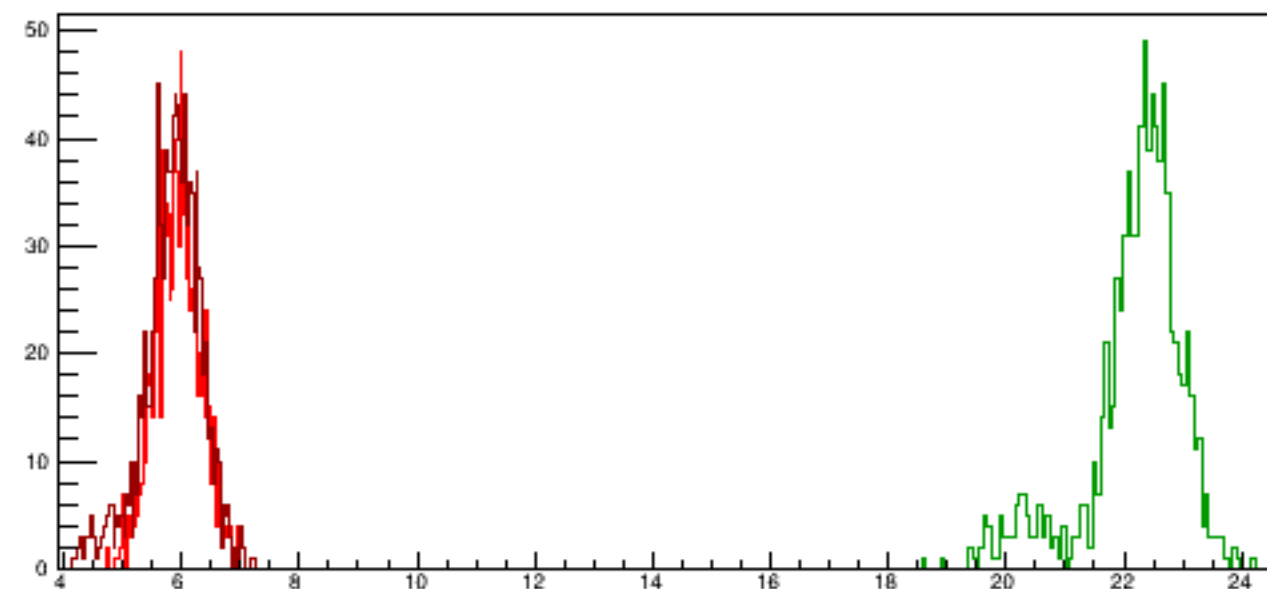
Std Dev: 0.8287 +/- 0.0199

Entries: 1194

Mean: 5.8463 +/- 0.0142

Std Dev: 0.4900 +/- 0.0100

Run 6166 quartetwise, Sums



Cycle 13, Asyms

Entries: 1287

Mean: 0.0007 +/- 0.0006

Std Dev: 0.0228 +/- 0.0004

Entries: 868

Mean: -0.0322 +/- 0.0009

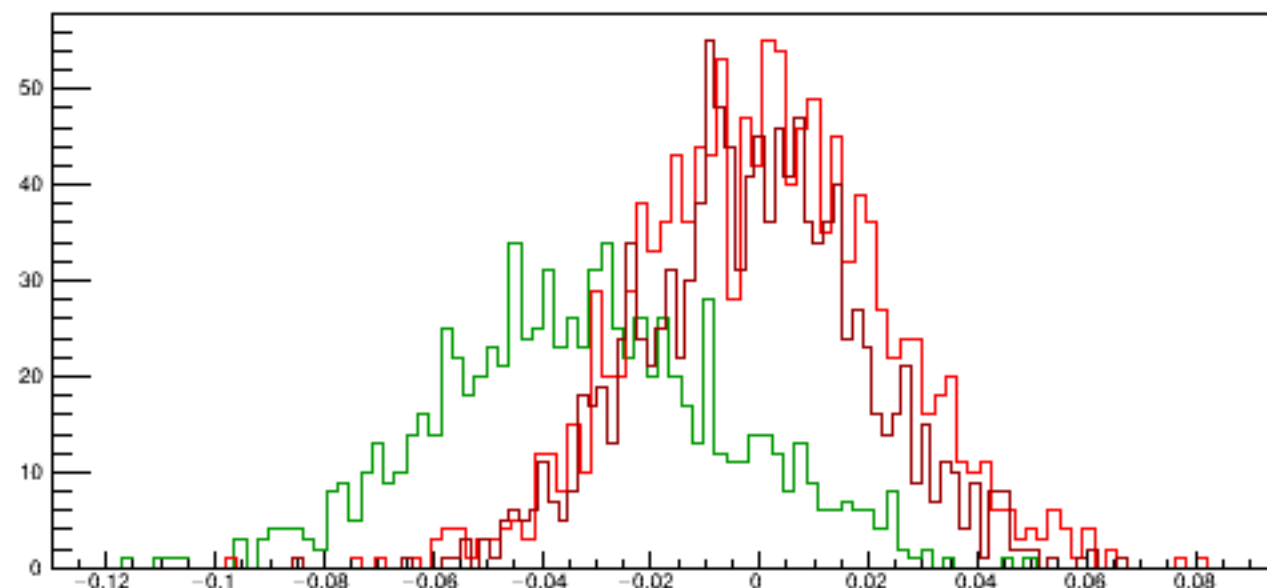
Std Dev: 0.0267 +/- 0.0006

Entries: 1194

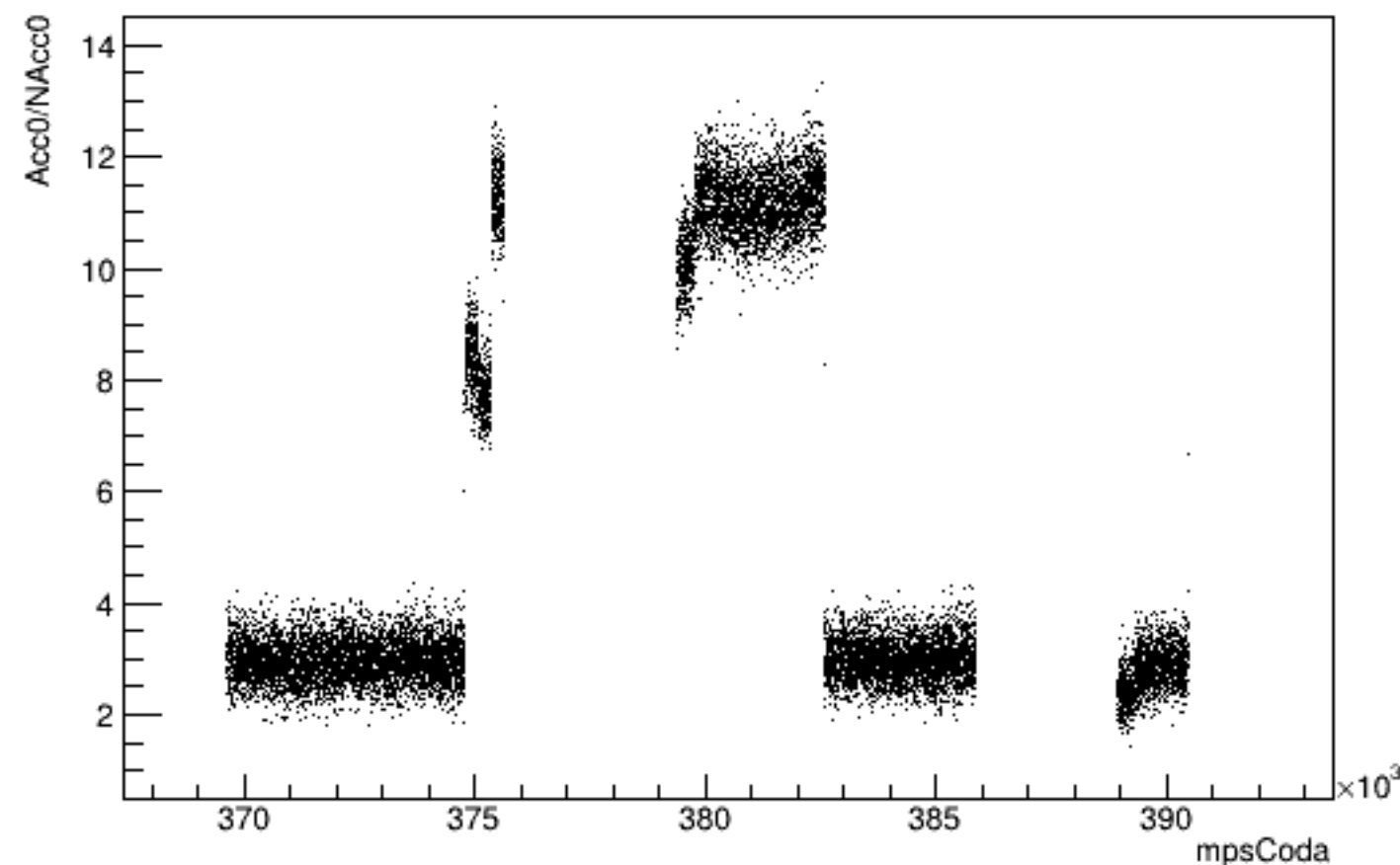
Mean: -0.0013 +/- 0.0006

Std Dev: 0.0205 +/- 0.0004

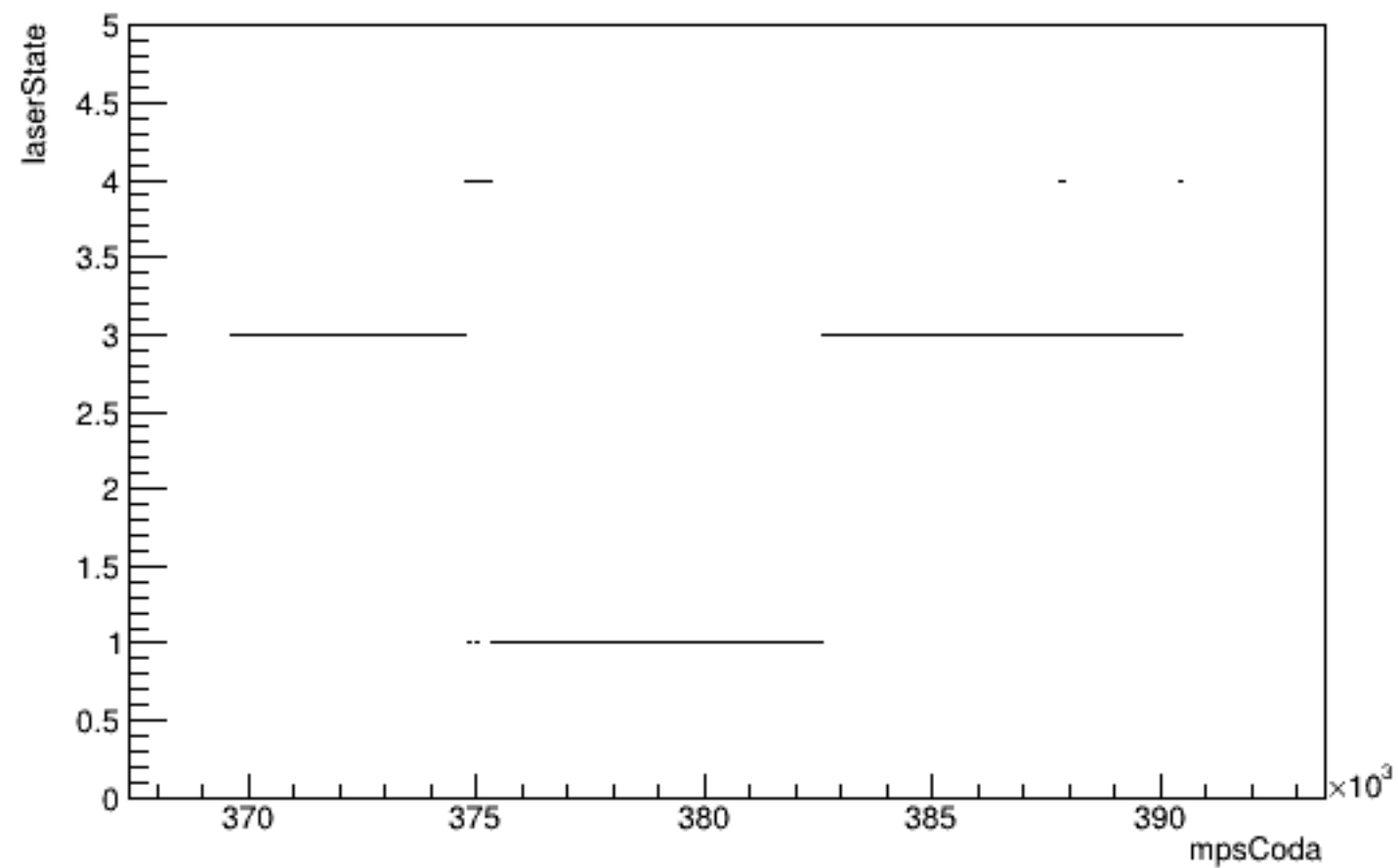
Run 6166 quartetwise, Asyms



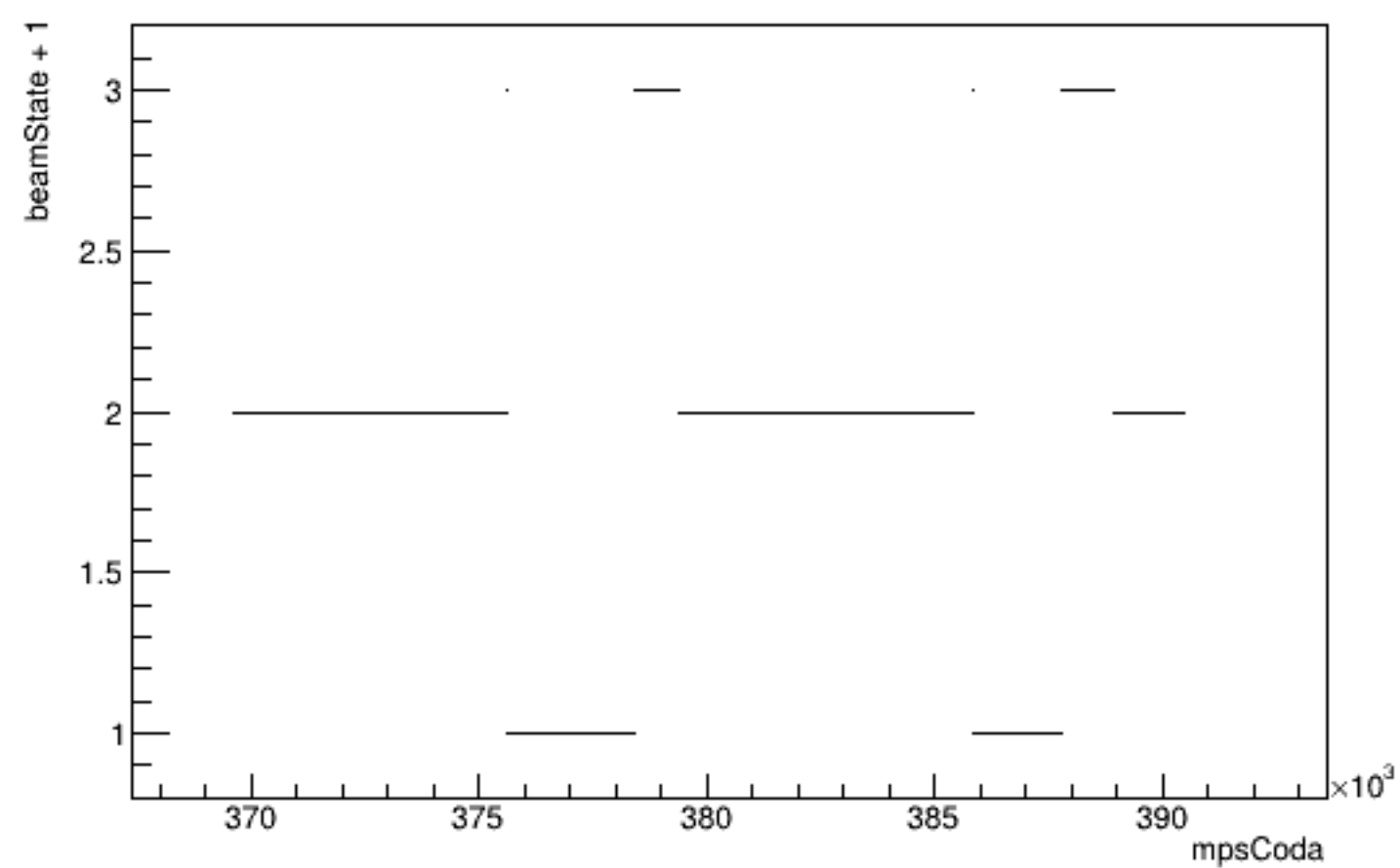
Acc0/NAcc0:mpsCoda (mpsCoda>=369622 && mpsCoda<=390461 && beamState==1)



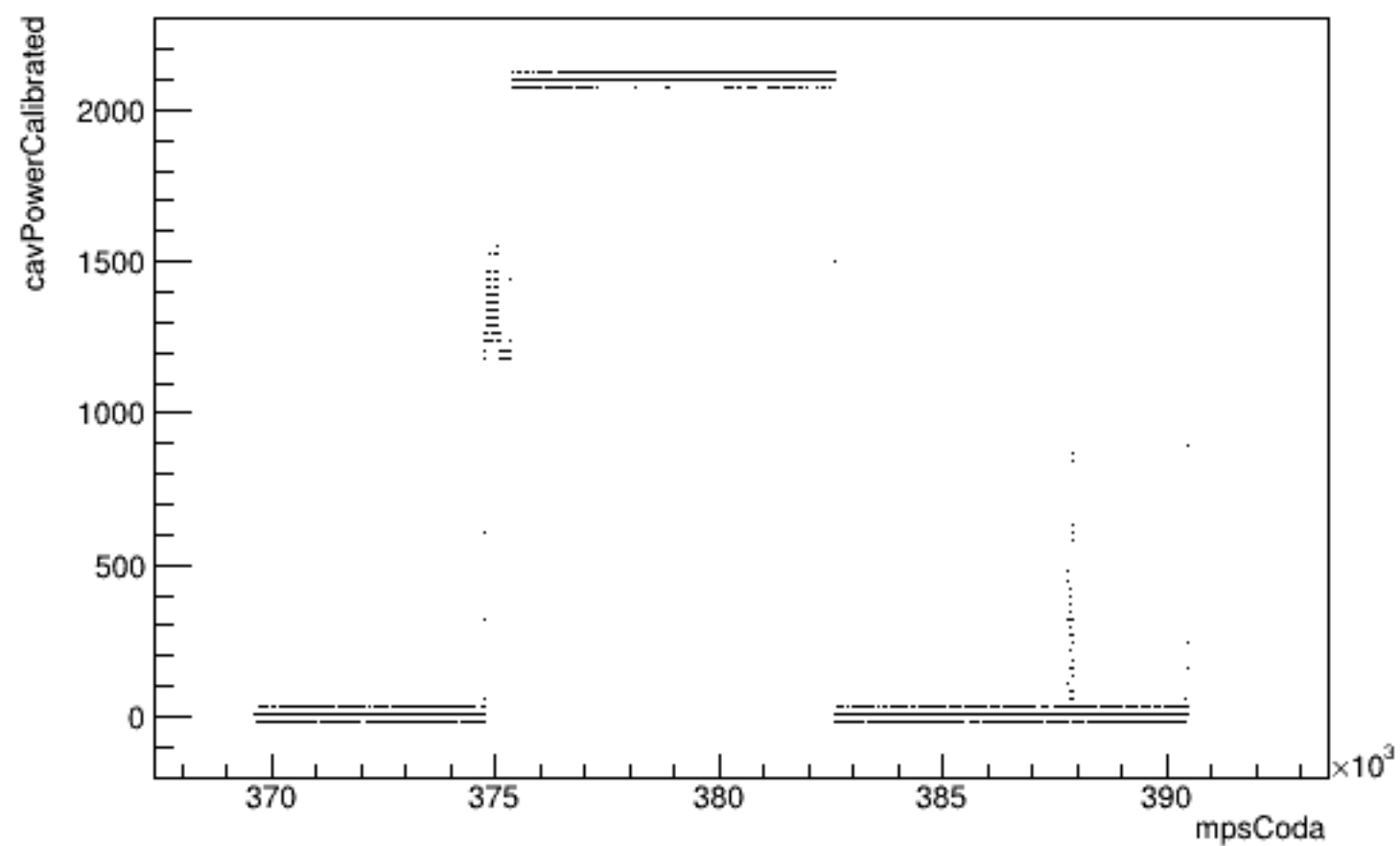
laserState:mpsCoda {mpsCoda>=369622 && mpsCoda<=390461}



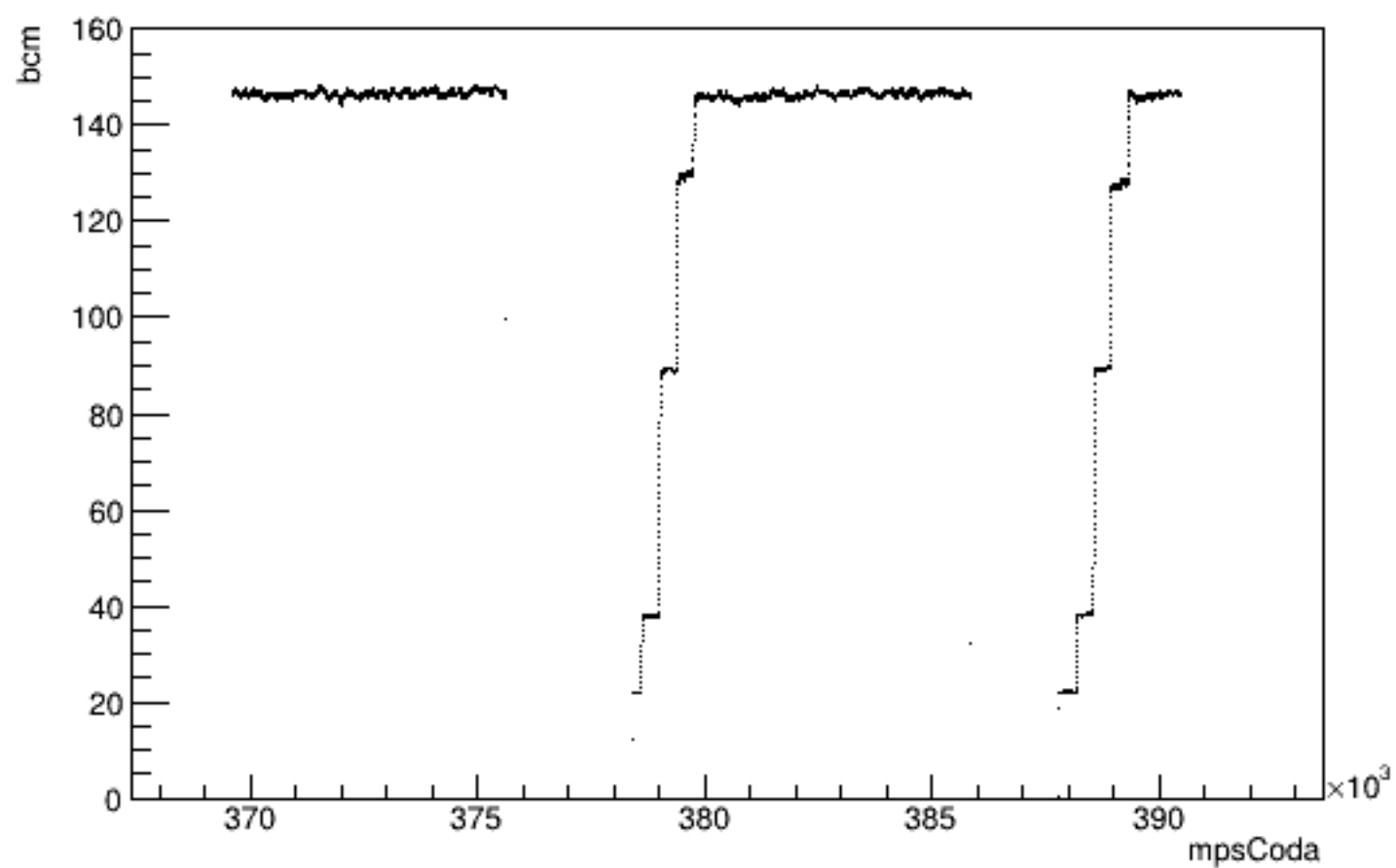
beamState + 1:mpsCoda {mpsCoda>=369622 && mpsCoda<=390461}



cavPowerCalibrated:mpsCoda {mpsCoda>=369622 && mpsCoda<=390461}



bcm:mpsCoda {mpsCoda>=369622 && mpsCoda<=390461}



Cycle 14, Diffs

Entries: 1306

Mean: -0.0017 +/- 0.0098

Std Dev: 0.3559 +/- 0.0070

Entries: 1808

Mean: -0.5401 +/- 0.0106

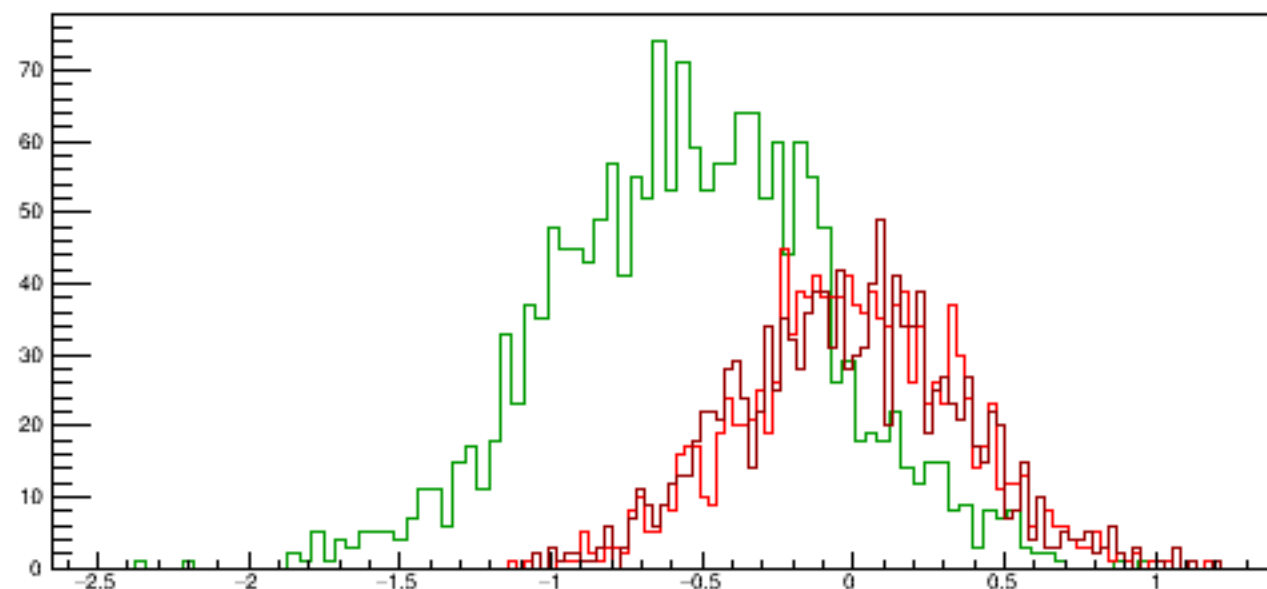
Std Dev: 0.4504 +/- 0.0075

Entries: 1297

Mean: -0.0235 +/- 0.0102

Std Dev: 0.3688 +/- 0.0072

Run 6166 quartetwise, Diffs



Cycle 14, Sums

Entries: 1306

Mean: 5.8148 +/- 0.0107

Std Dev: 0.3857 +/- 0.0075

Entries: 1808

Mean: 22.5120 +/- 0.0116

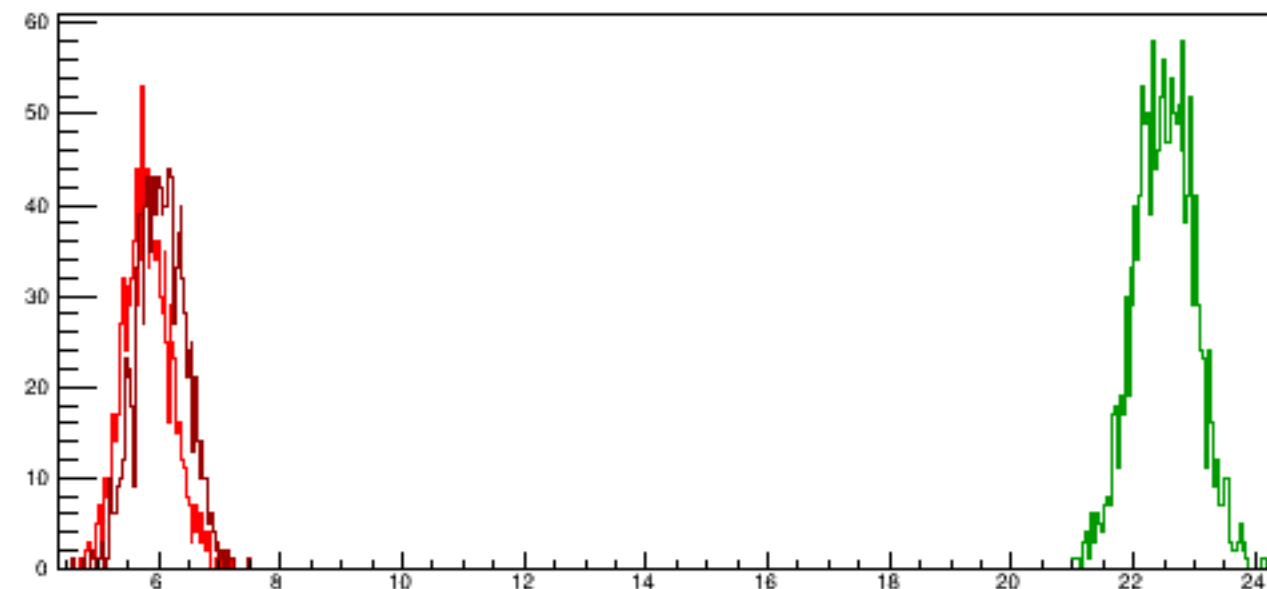
Std Dev: 0.4934 +/- 0.0082

Entries: 1297

Mean: 6.0448 +/- 0.0110

Std Dev: 0.3967 +/- 0.0078

Run 6166 quartetwise, Sums



Cycle 14, Asyms

Entries: 1306

Mean: -0.0001 +/- 0.0006

Std Dev: 0.0215 +/- 0.0004

Entries: 1808

Mean: -0.0326 +/- 0.0006

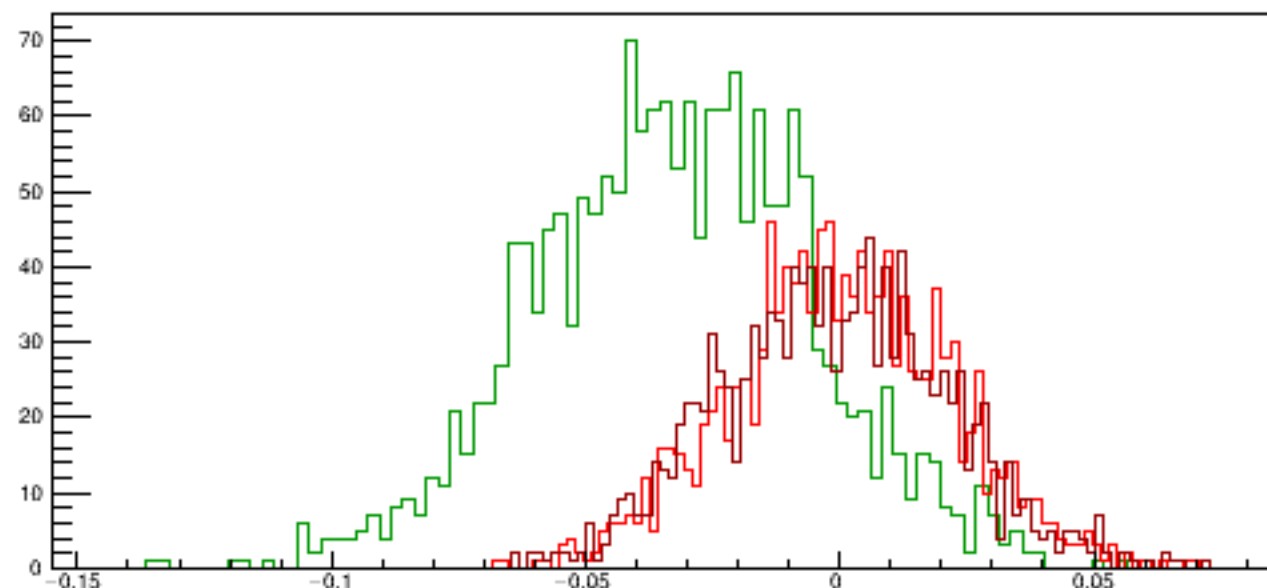
Std Dev: 0.0272 +/- 0.0005

Entries: 1297

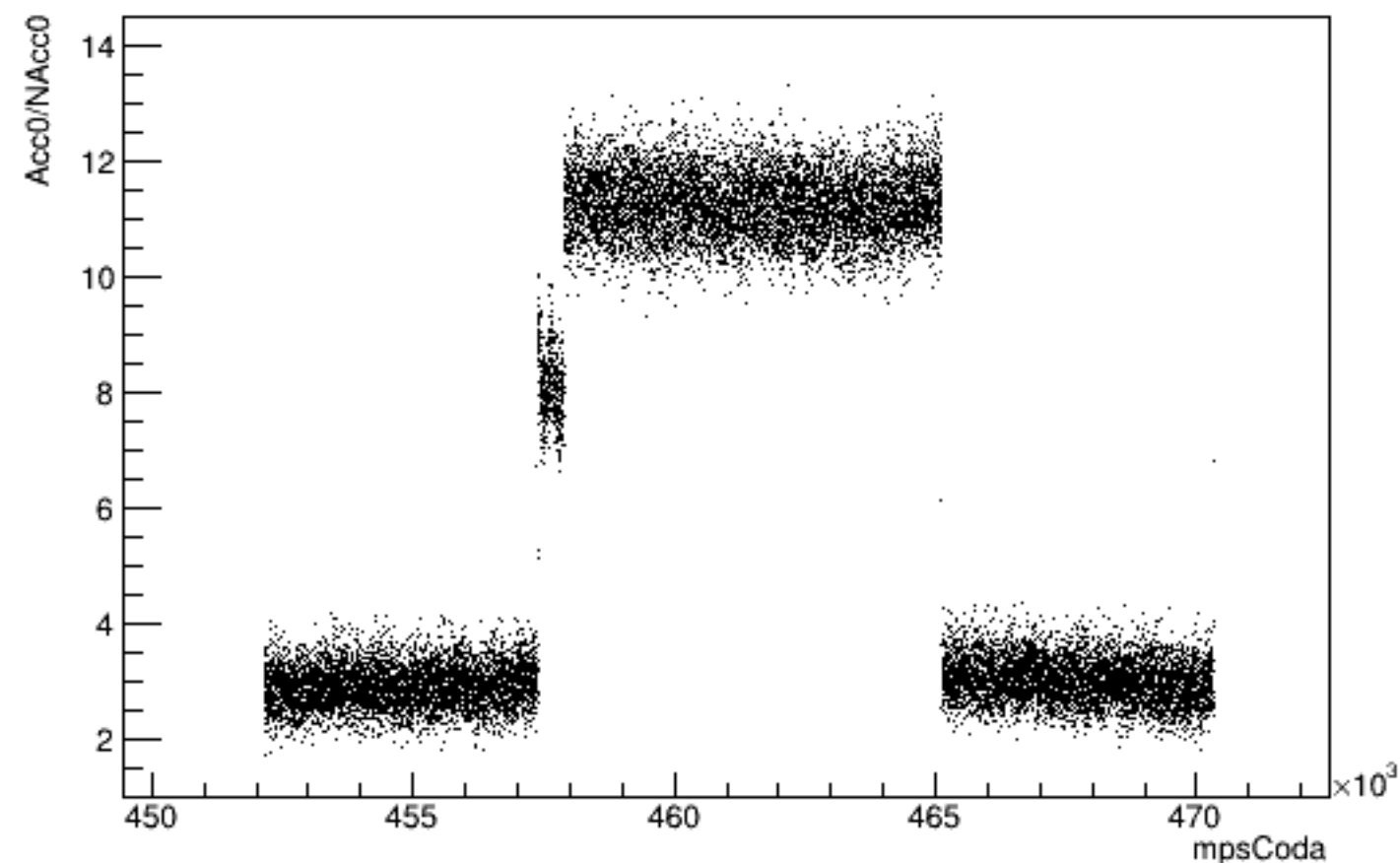
Mean: -0.0014 +/- 0.0006

Std Dev: 0.0222 +/- 0.0004

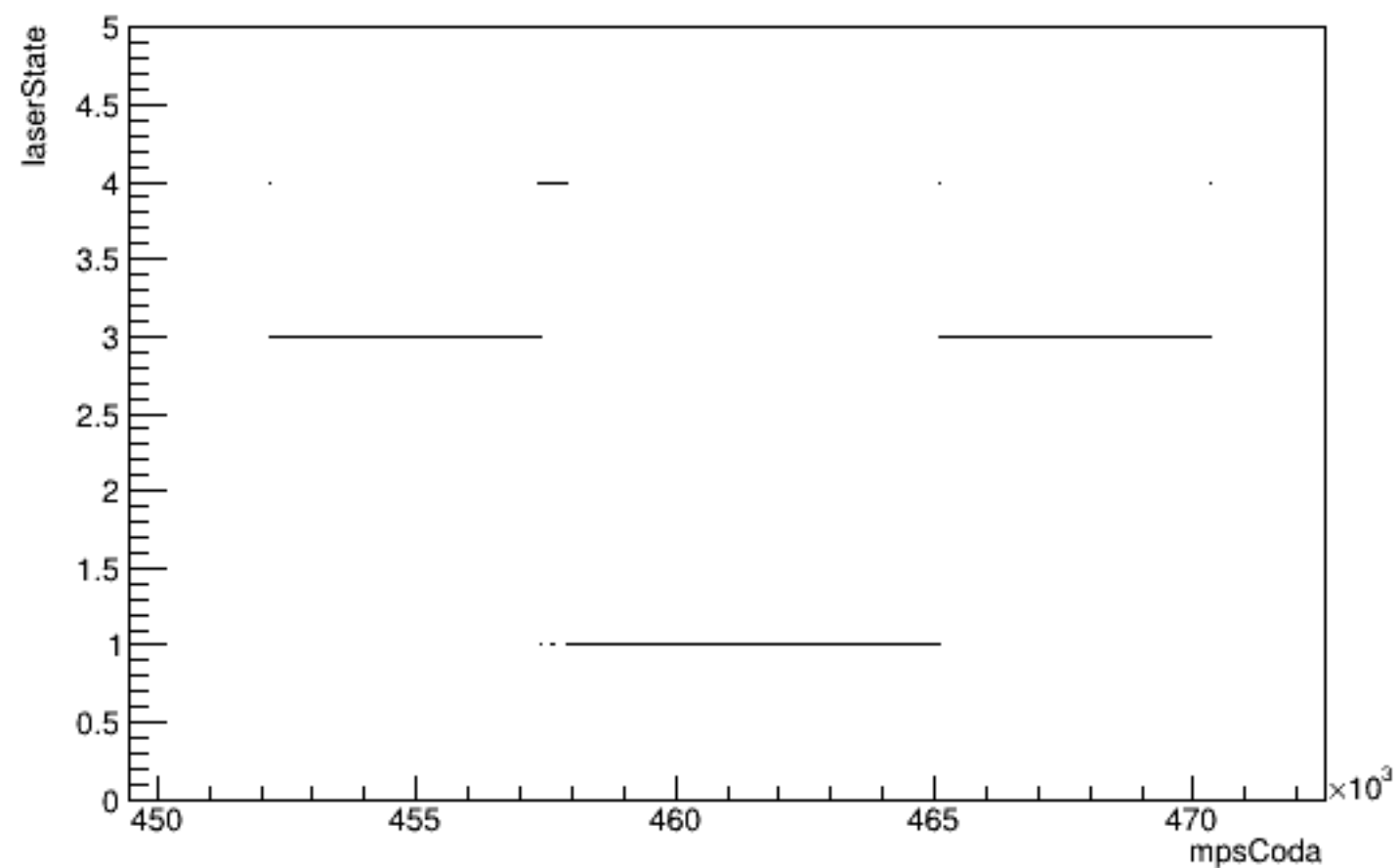
Run 6166 quartetwise, Asyms



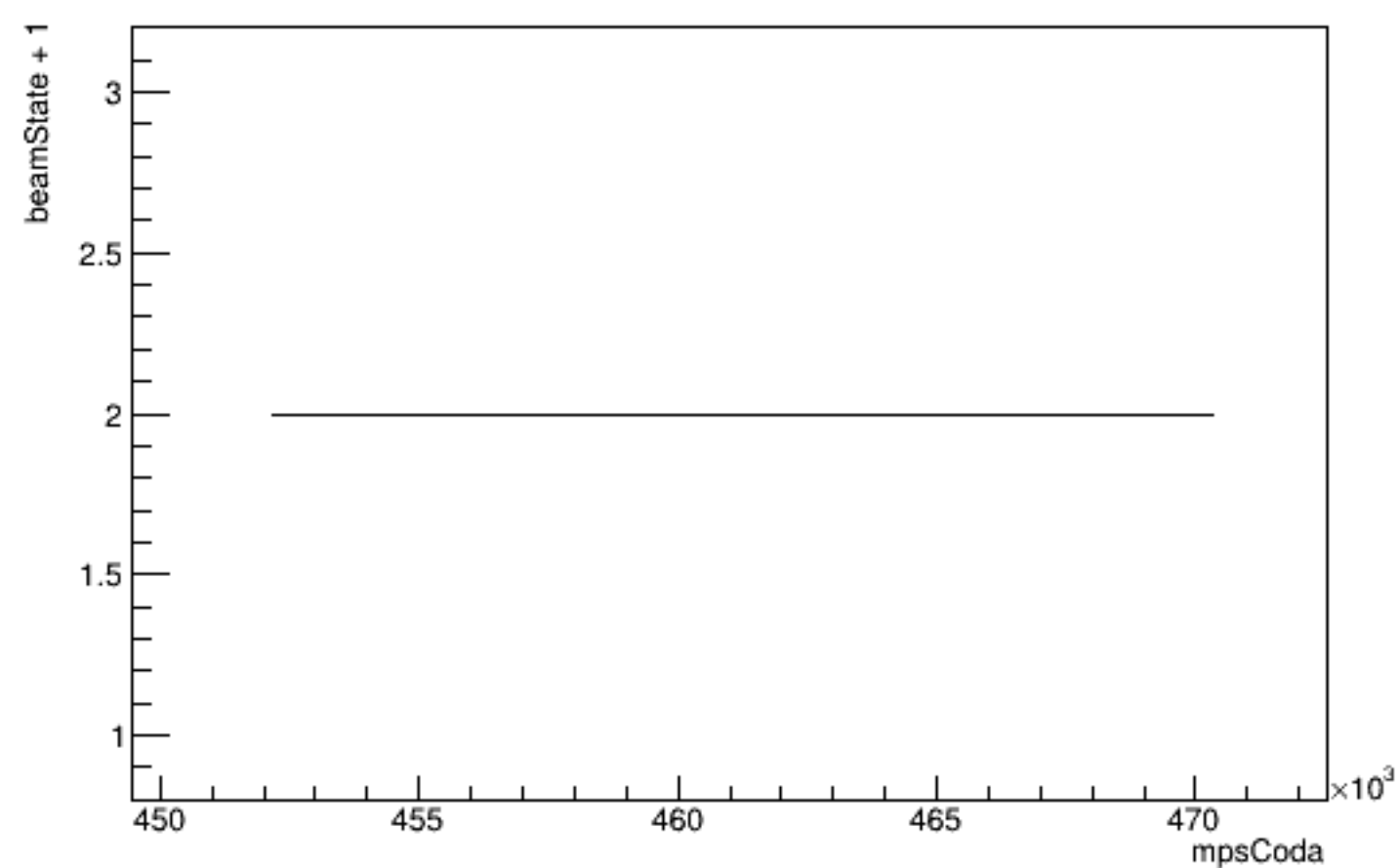
Acc0/NAcc0:mpsCoda (mpsCoda>=452154 && mpsCoda<=470317 && beamState==1)



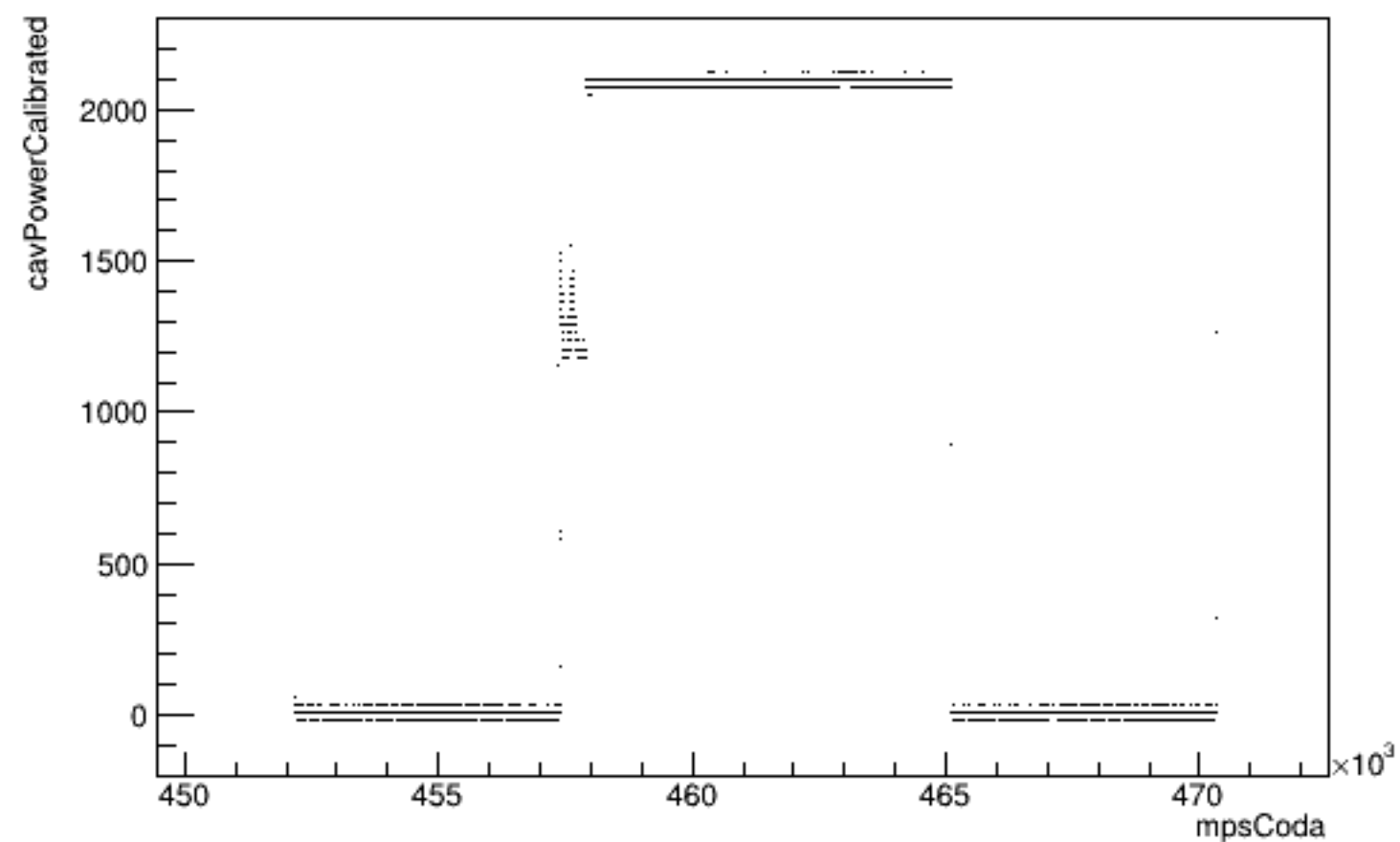
laserState:mpsCoda {mpsCoda>=452154 && mpsCoda<=470317}



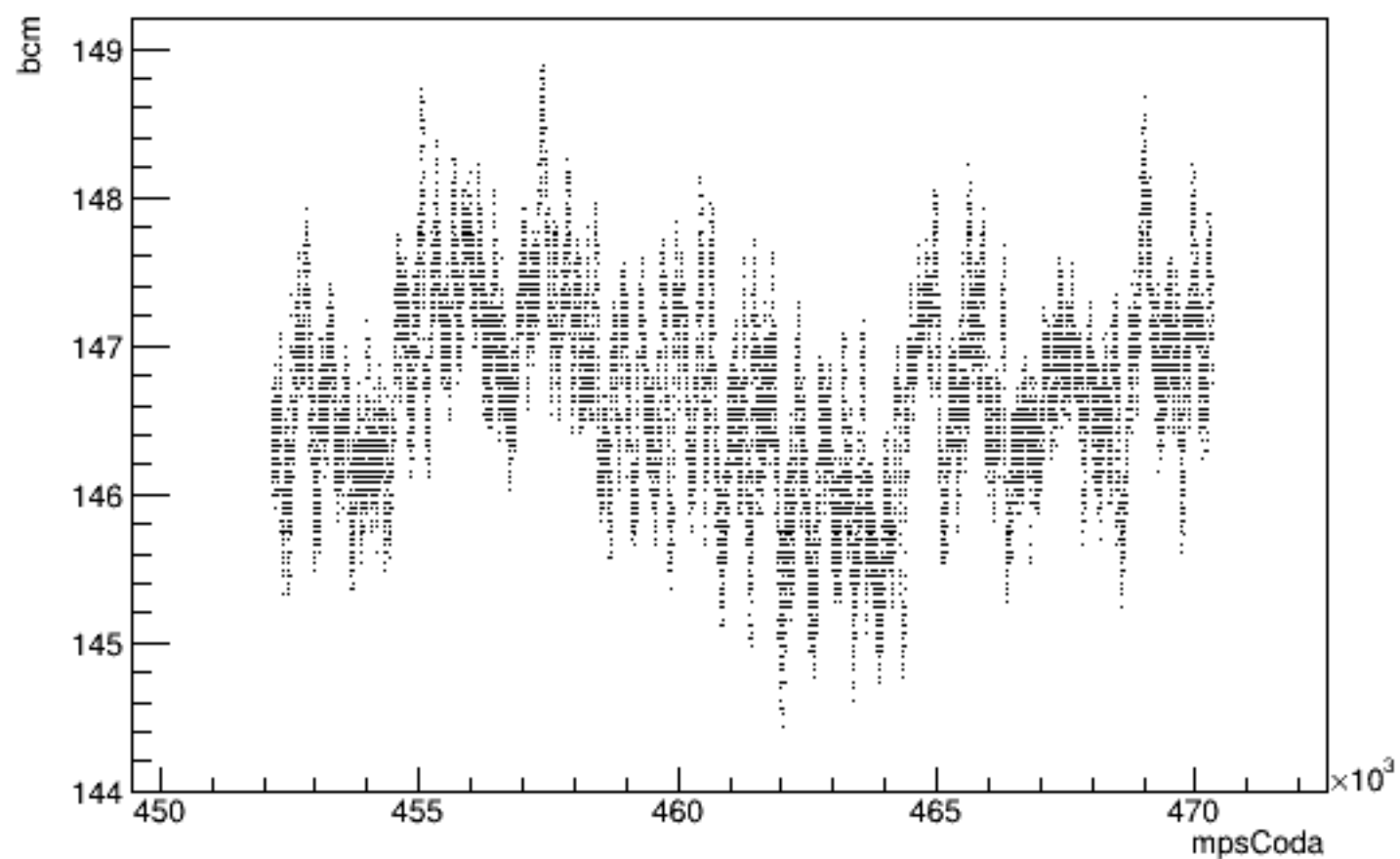
beamState + 1:mpsCoda {mpsCoda>=452154 && mpsCoda<=470317}



cavPowerCalibrated:mpsCoda {mpsCoda>=452154 && mpsCoda<=470317}



bcm:mpsCoda {mpsCoda>=452154 && mpsCoda<=470317}



Cycle 15, Diffs

Entries: 1297

Mean: -0.0235 +/- 0.0102

Std Dev: 0.3688 +/- 0.0072

Entries: 1803

Mean: -0.5287 +/- 0.0105

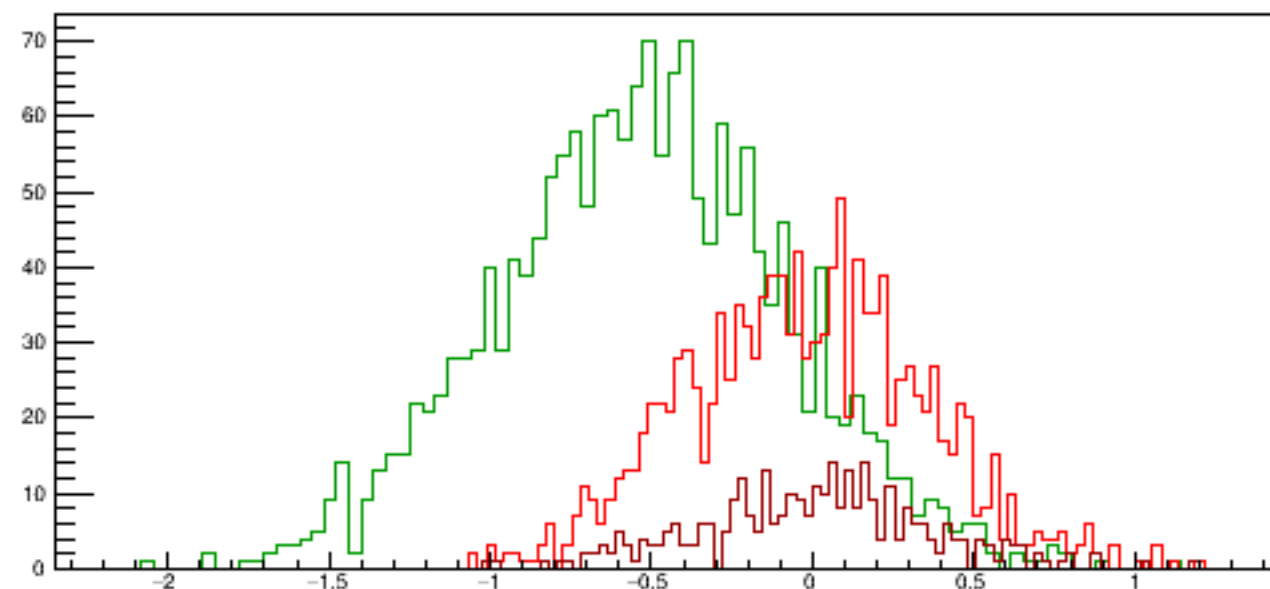
Std Dev: 0.4474 +/- 0.0075

Entries: 326

Mean: 0.0077 +/- 0.0197

Std Dev: 0.3560 +/- 0.0139

Run 6166 quartetwise, Diffs



Cycle 15, Sums

Entries: 1297

Mean: 6.0448 +/- 0.0110

Std Dev: 0.3967 +/- 0.0078

Entries: 1803

Mean: 22.3377 +/- 0.0111

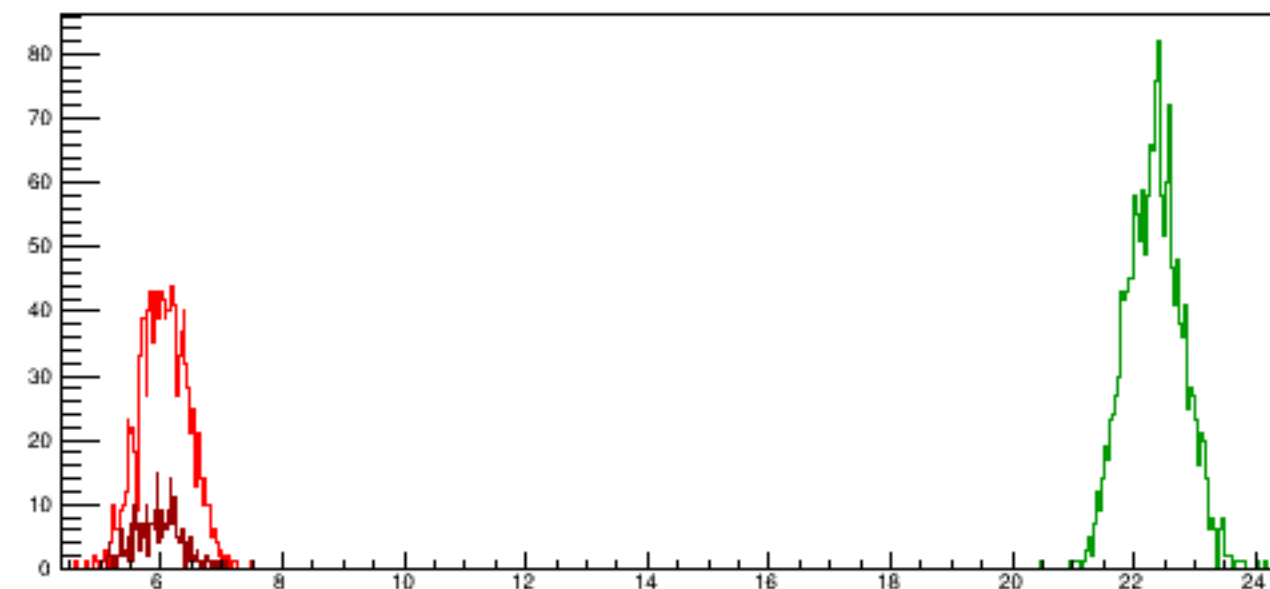
Std Dev: 0.4718 +/- 0.0079

Entries: 326

Mean: 5.9427 +/- 0.0209

Std Dev: 0.3779 +/- 0.0148

Run 6166 quartetwise, Sums



Cycle 15, Asyms

Entries: 1297

Mean: -0.0014 +/- 0.0006

Std Dev: 0.0226 +/- 0.0004

Entries: 1803

Mean: -0.0324 +/- 0.0006

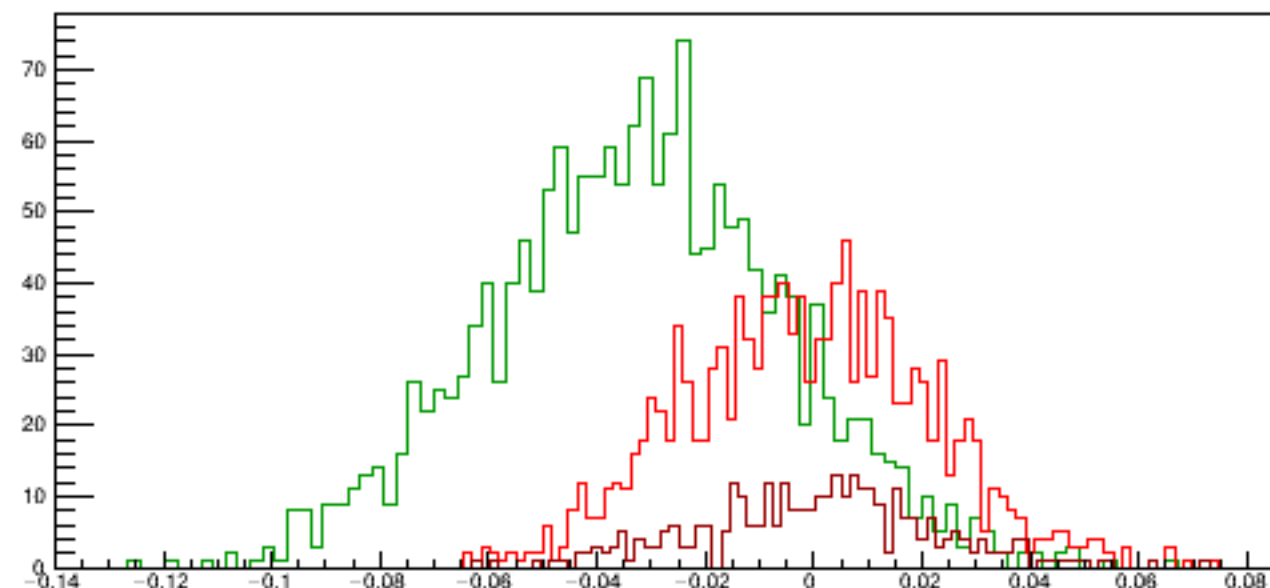
Std Dev: 0.0274 +/- 0.0005

Entries: 326

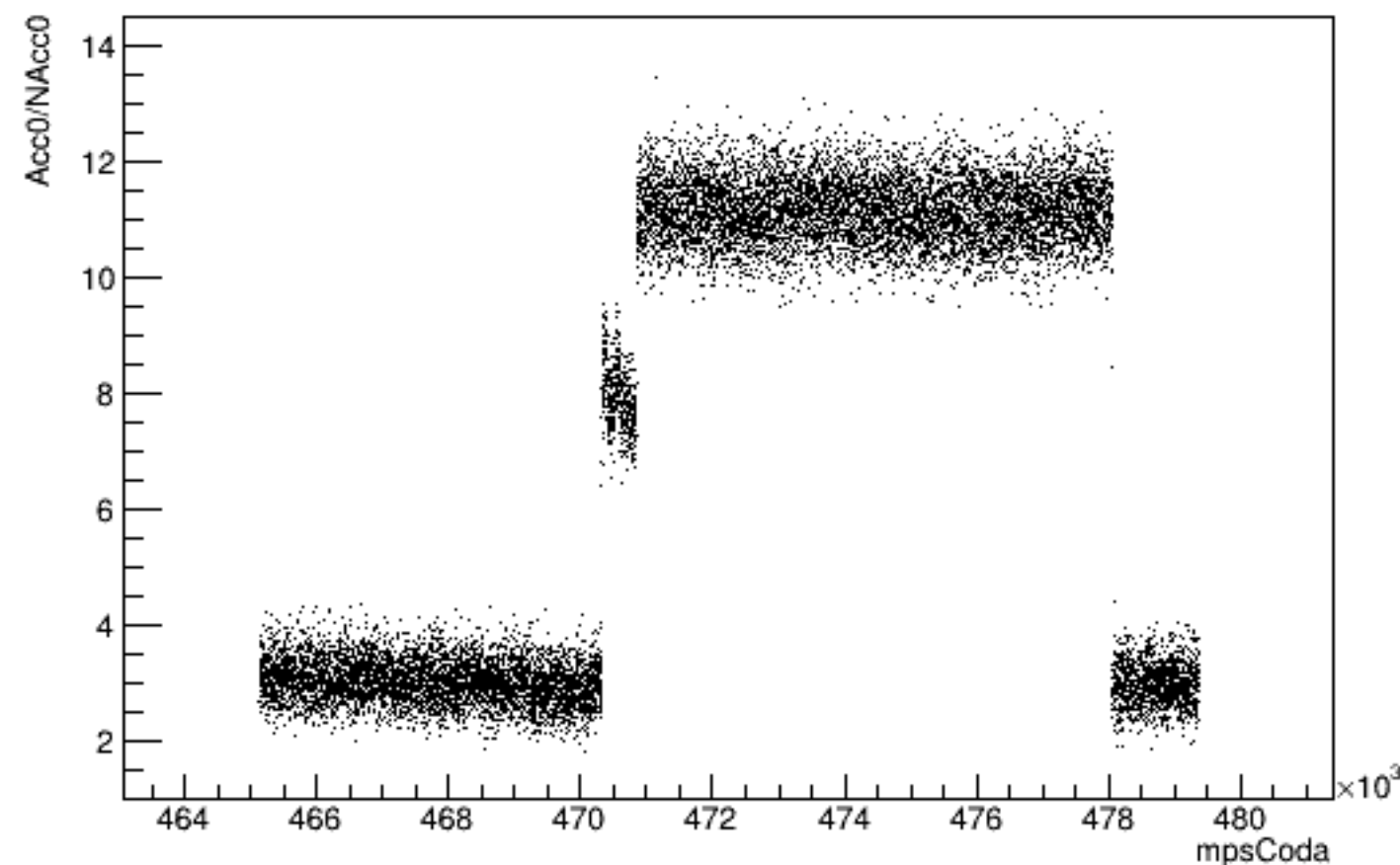
Mean: 0.0005 +/- 0.0012

Std Dev: 0.0218 +/- 0.0009

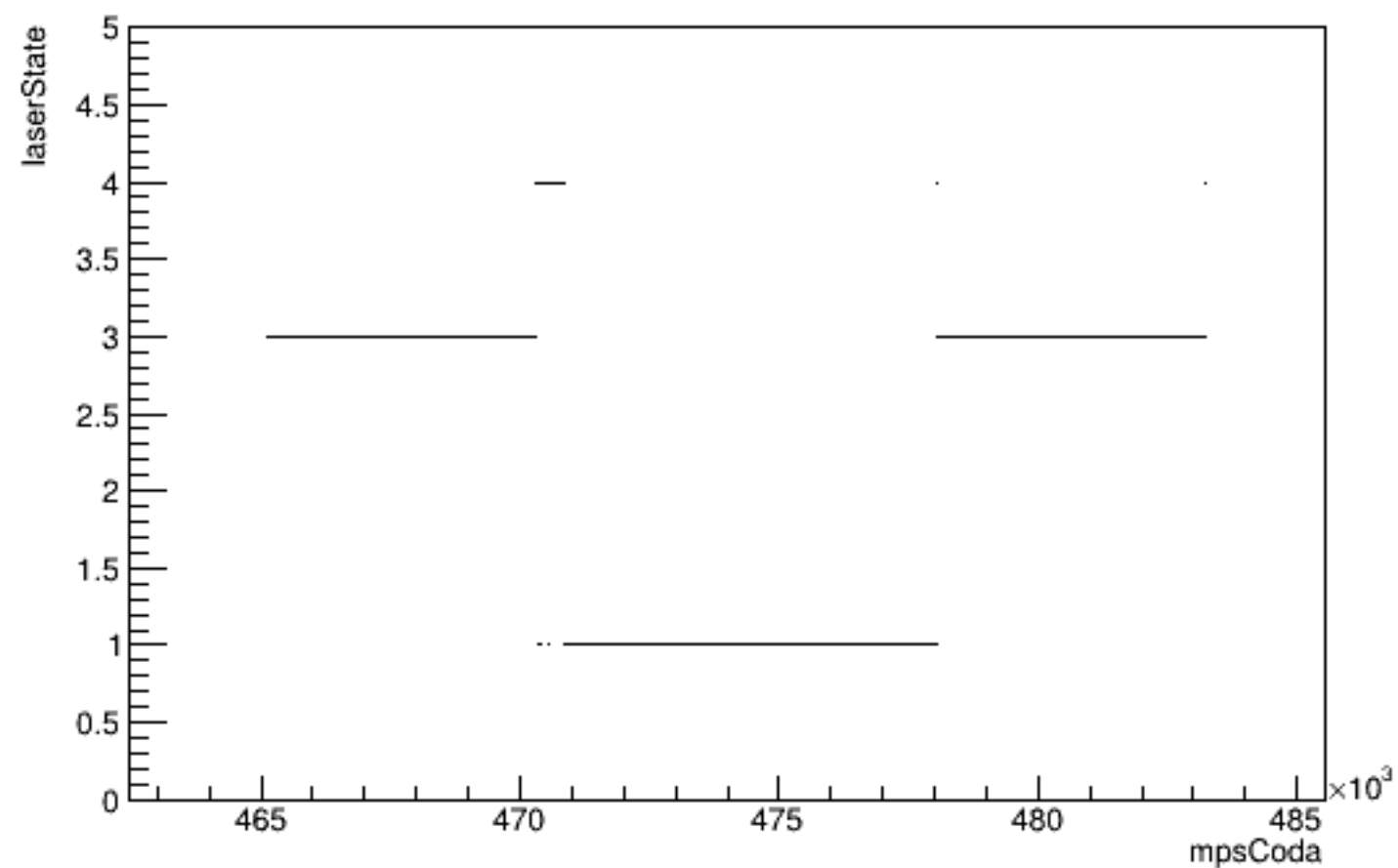
Run 6166 quartetwise, Asyms



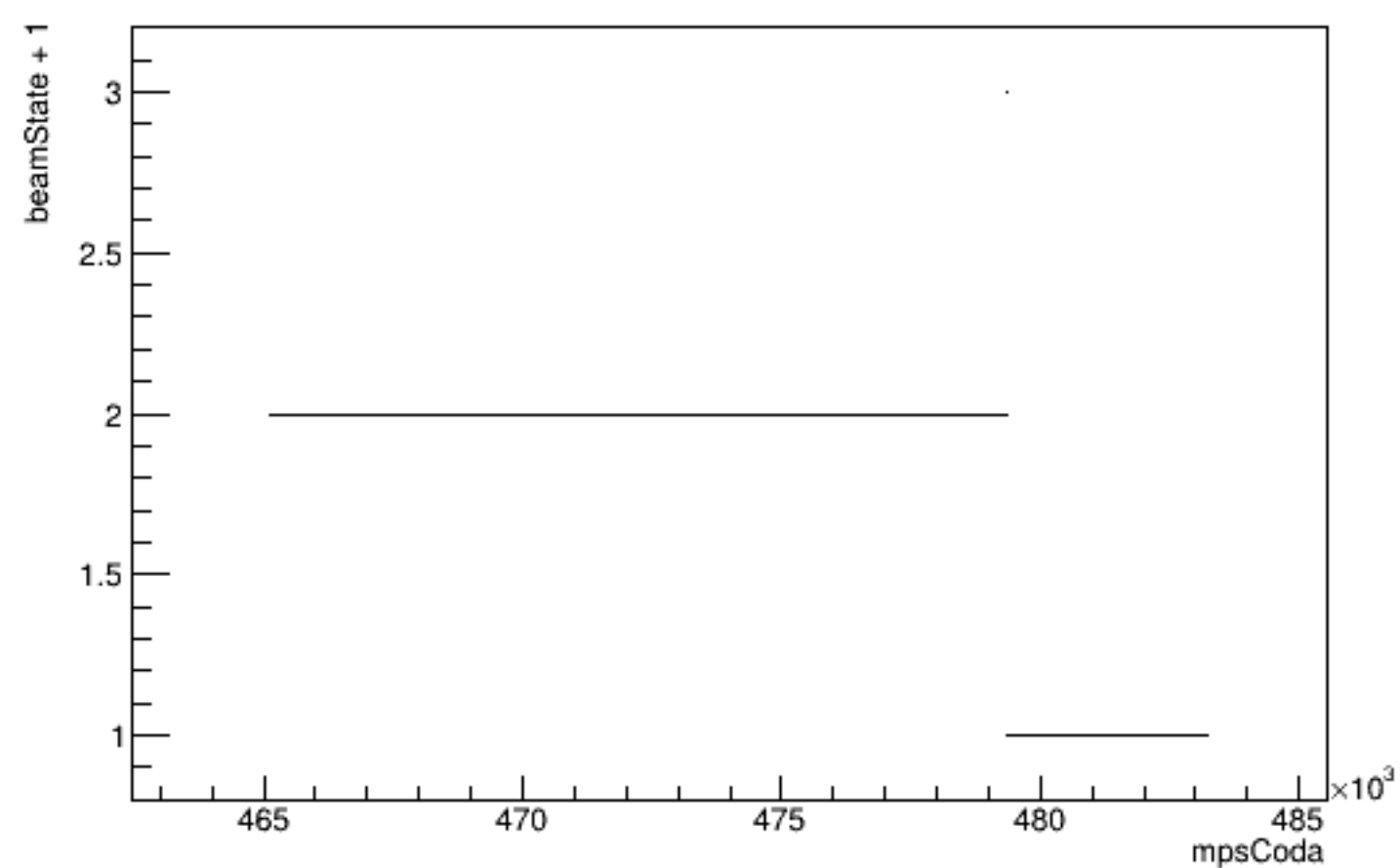
Acc0/NAcc0:mpsCoda (mpsCoda>=465126 && mpsCoda<=483245 && beamState==1)



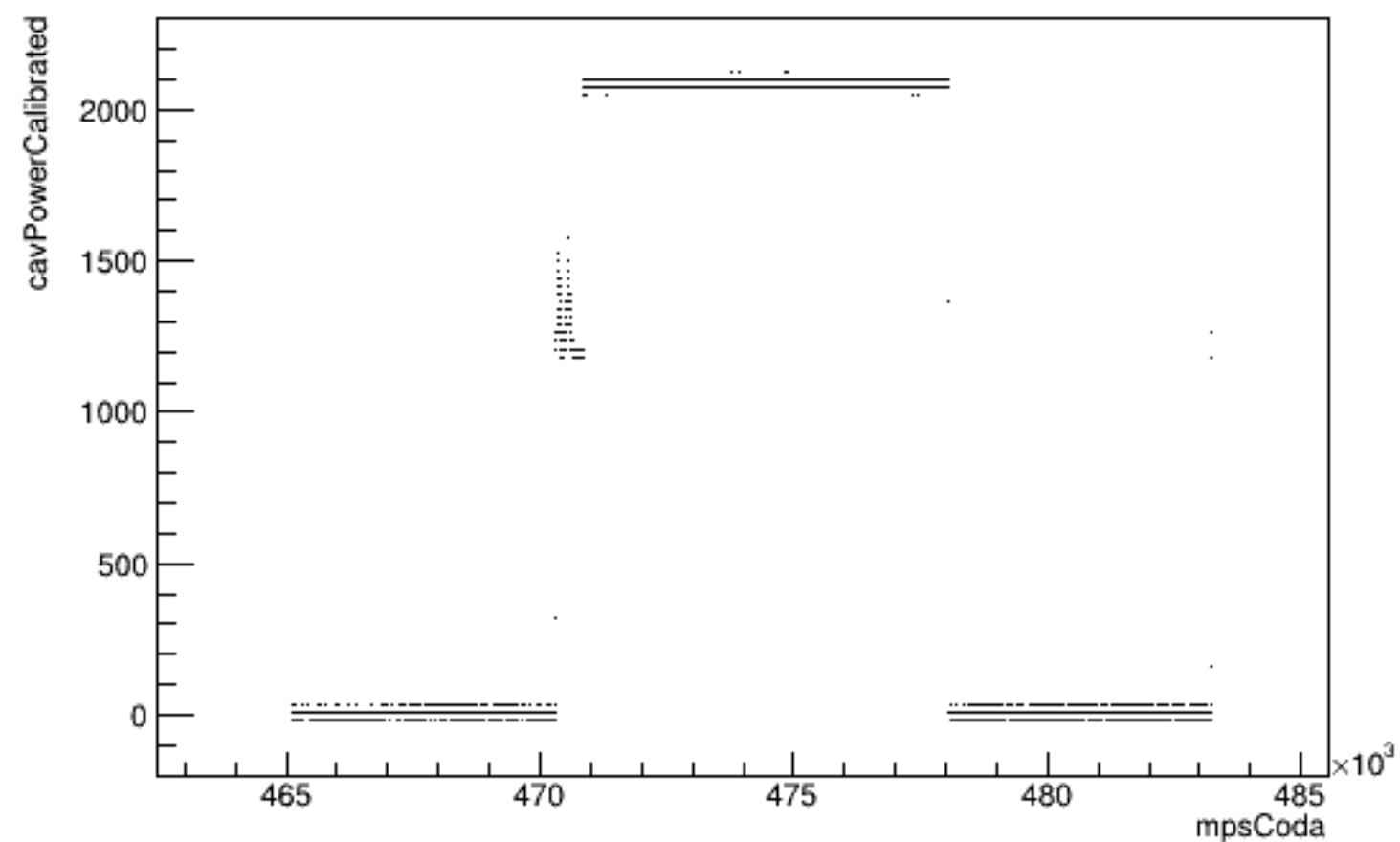
laserState:mpsCoda {mpsCoda>=465126 && mpsCoda<=483245}



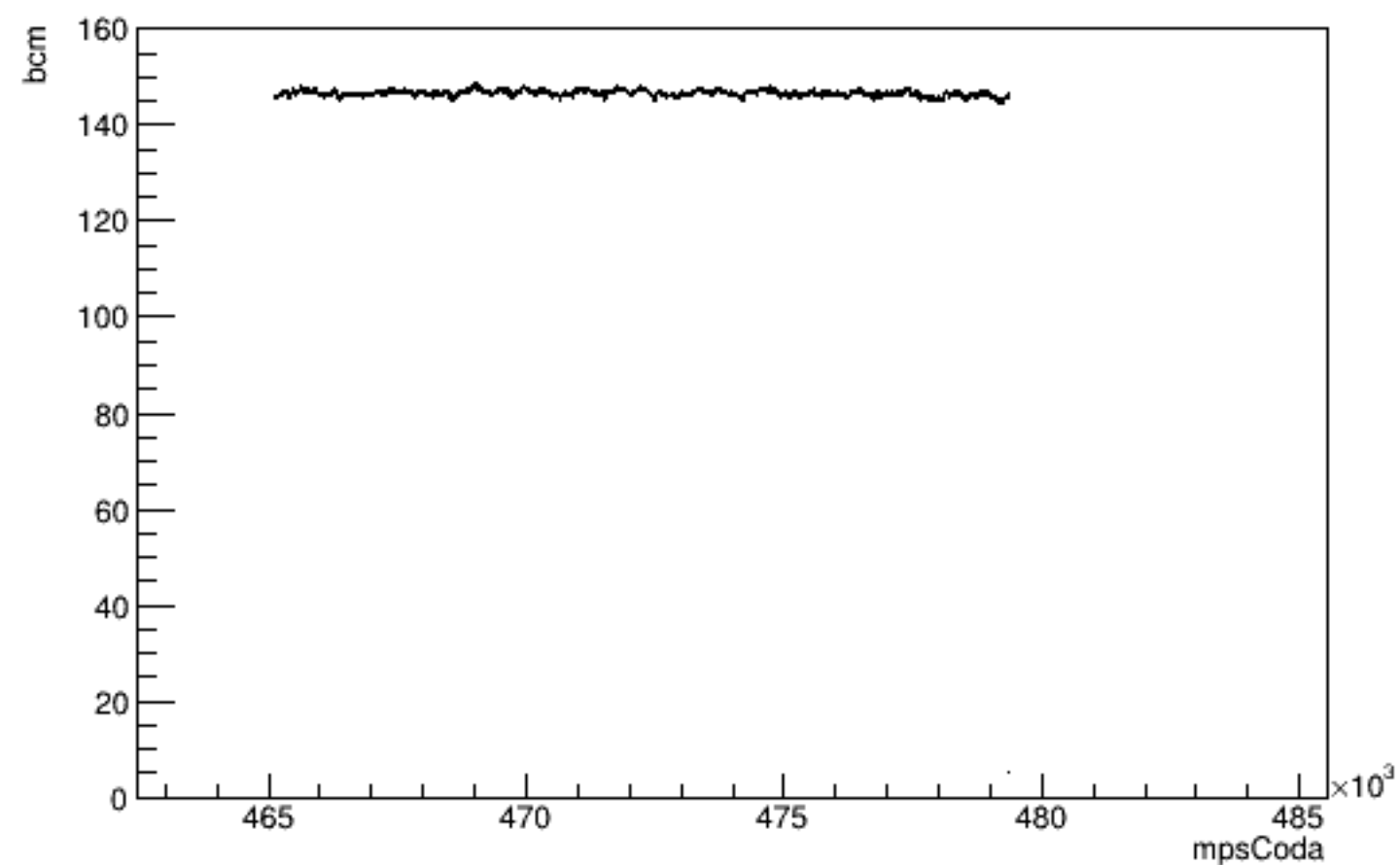
beamState + 1:mpsCoda {mpsCoda>=465126 && mpsCoda<=483245}



cavPowerCalibrated:mpsCoda {mpsCoda>=465126 && mpsCoda<=483245}



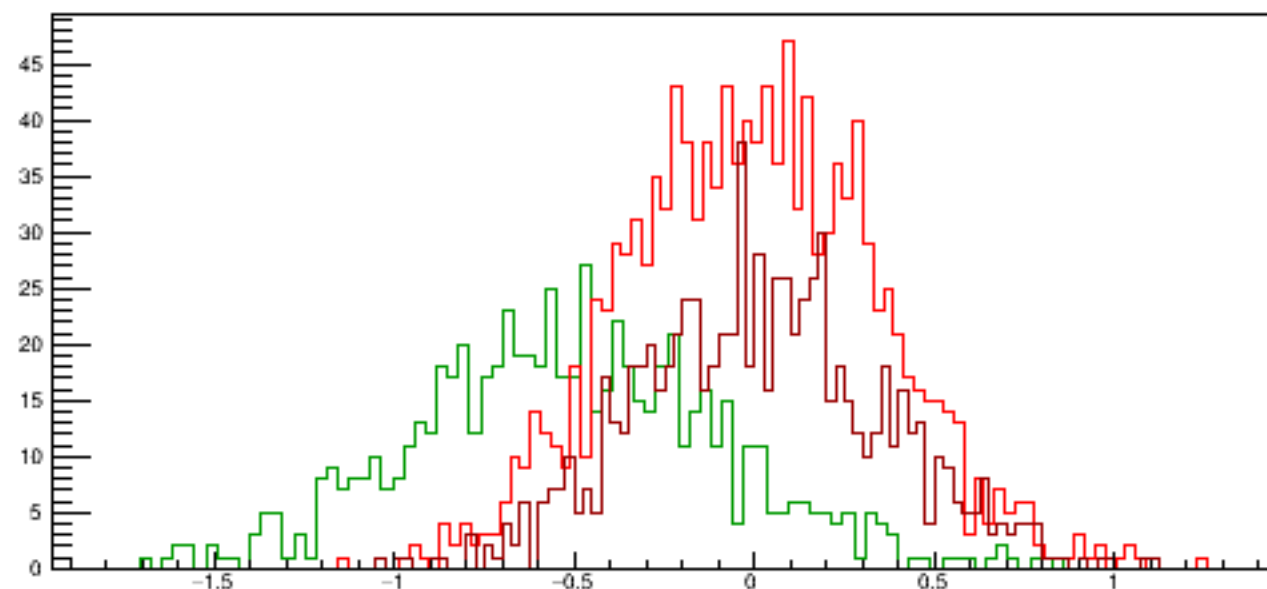
bcm:mpsCoda {mpsCoda>=465126 && mpsCoda<=483245}



Cycle 16, Diffs

Entries: 1302	Entries: 692	Entries: 829
Mean: -0.0068 +/- 0.0097	Mean: -0.5154 +/- 0.0162	Mean: 0.0188 +/- 0.0119
Std Dev: 0.3504 +/- 0.0069	Std Dev: 0.4260 +/- 0.0115	Std Dev: 0.3424 +/- 0.0084

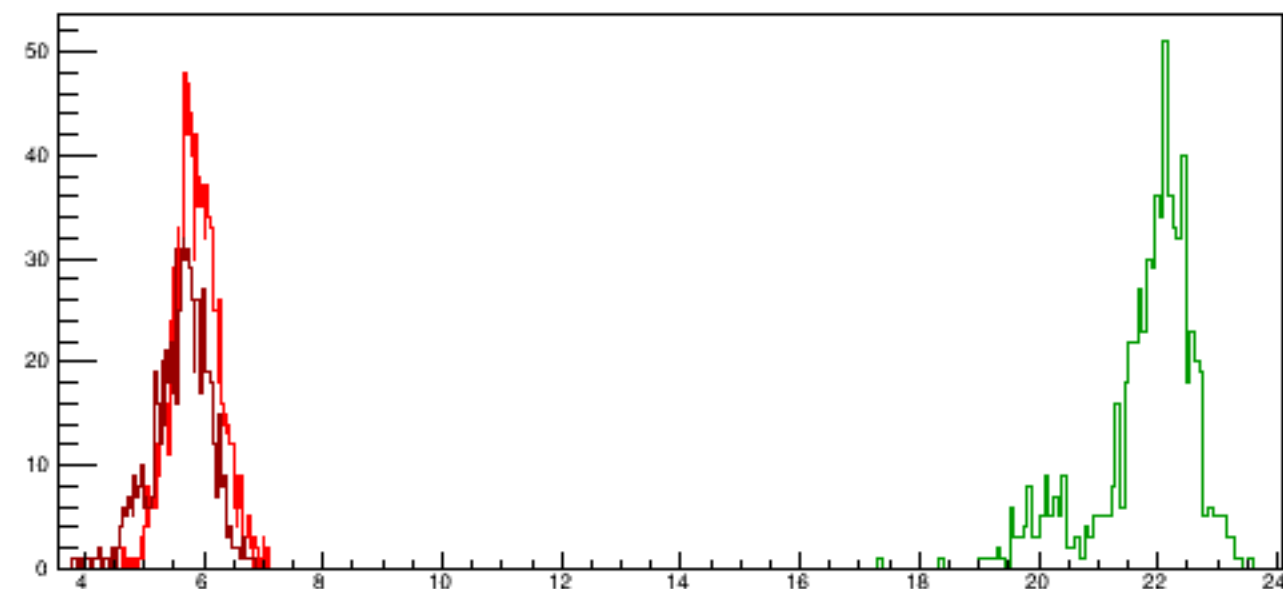
Run 6166 quartetwise, Diffs



Cycle 16, Sums

Entries: 1302	Entries: 692	Entries: 829
Mean: 5.8643 +/- 0.0107	Mean: 21.8124 +/- 0.0322	Mean: 5.6111 +/- 0.0164
Std Dev: 0.3848 +/- 0.0075	Std Dev: 0.8480 +/- 0.0228	Std Dev: 0.4733 +/- 0.0116

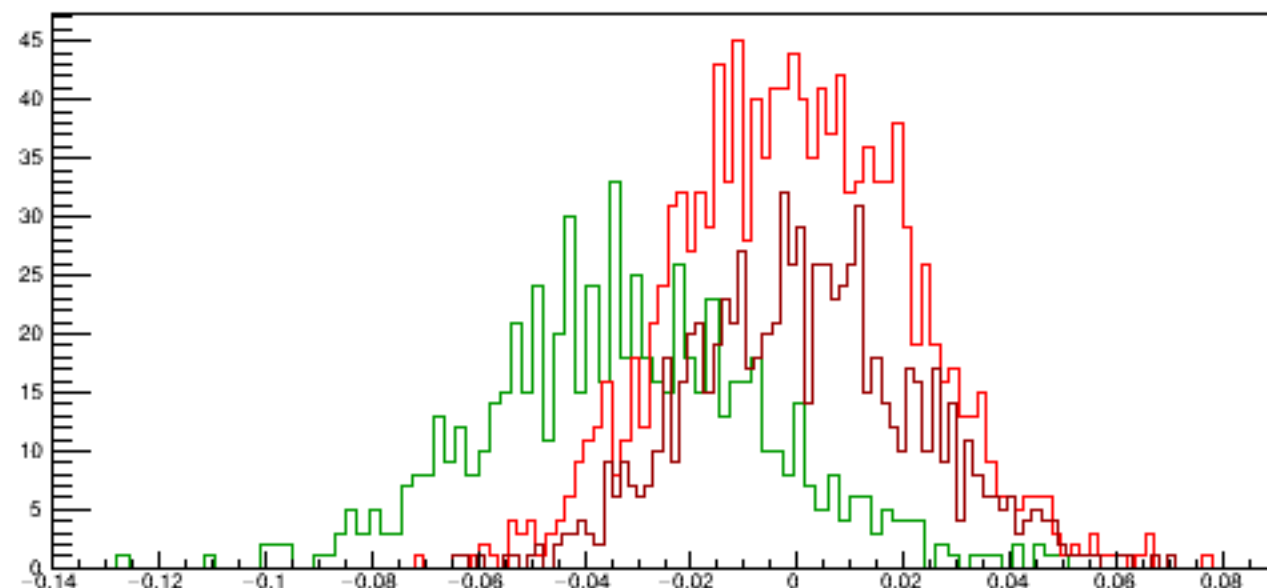
Run 6166 quartetwise, Sums



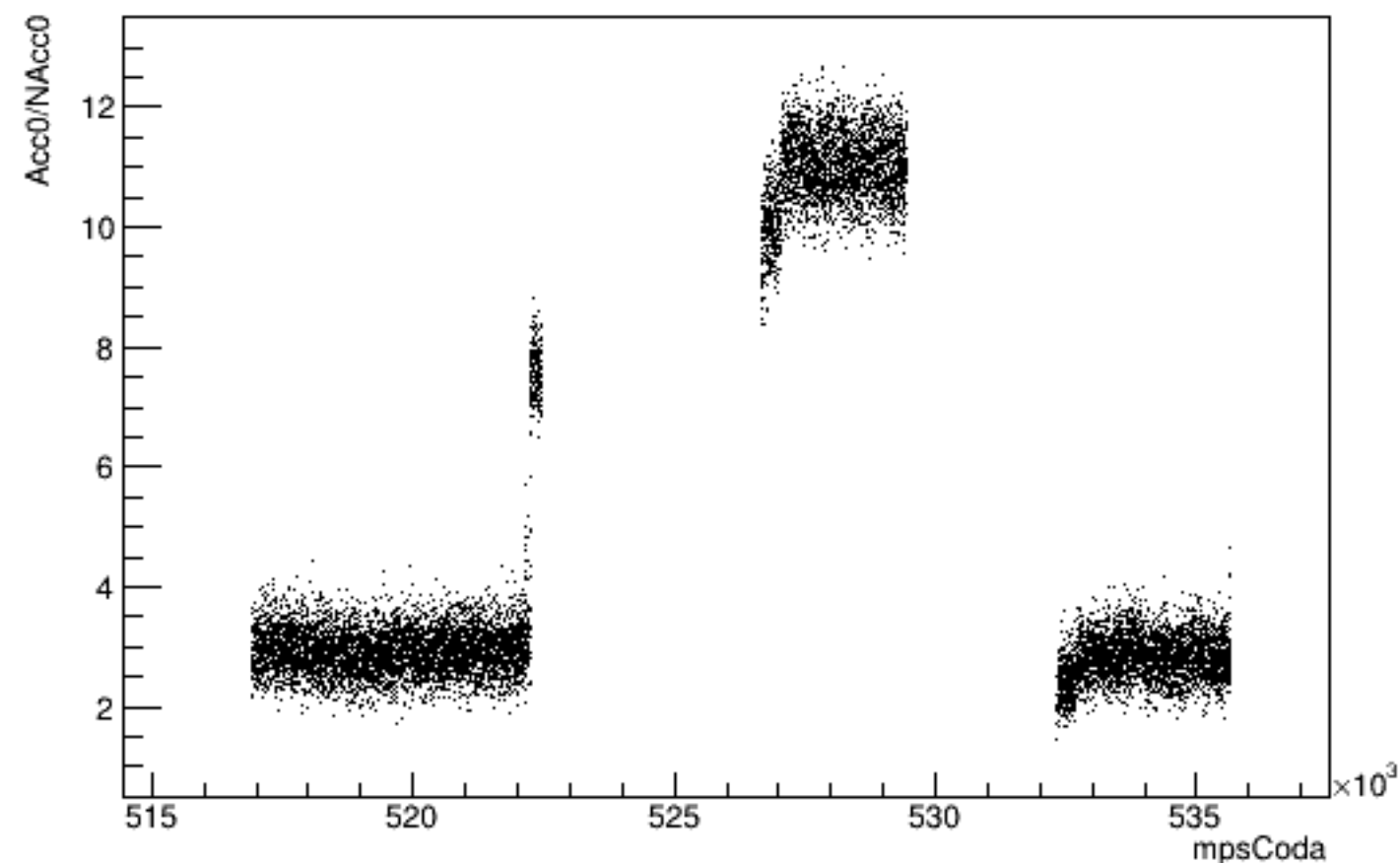
Cycle 16, Asyms

Entries: 1302	Entries: 692	Entries: 829
Mean: -0.0004 +/- 0.0006	Mean: -0.0321 +/- 0.0010	Mean: 0.0012 +/- 0.0007
Std Dev: 0.0218 +/- 0.0004	Std Dev: 0.0265 +/- 0.0007	Std Dev: 0.0213 +/- 0.0005

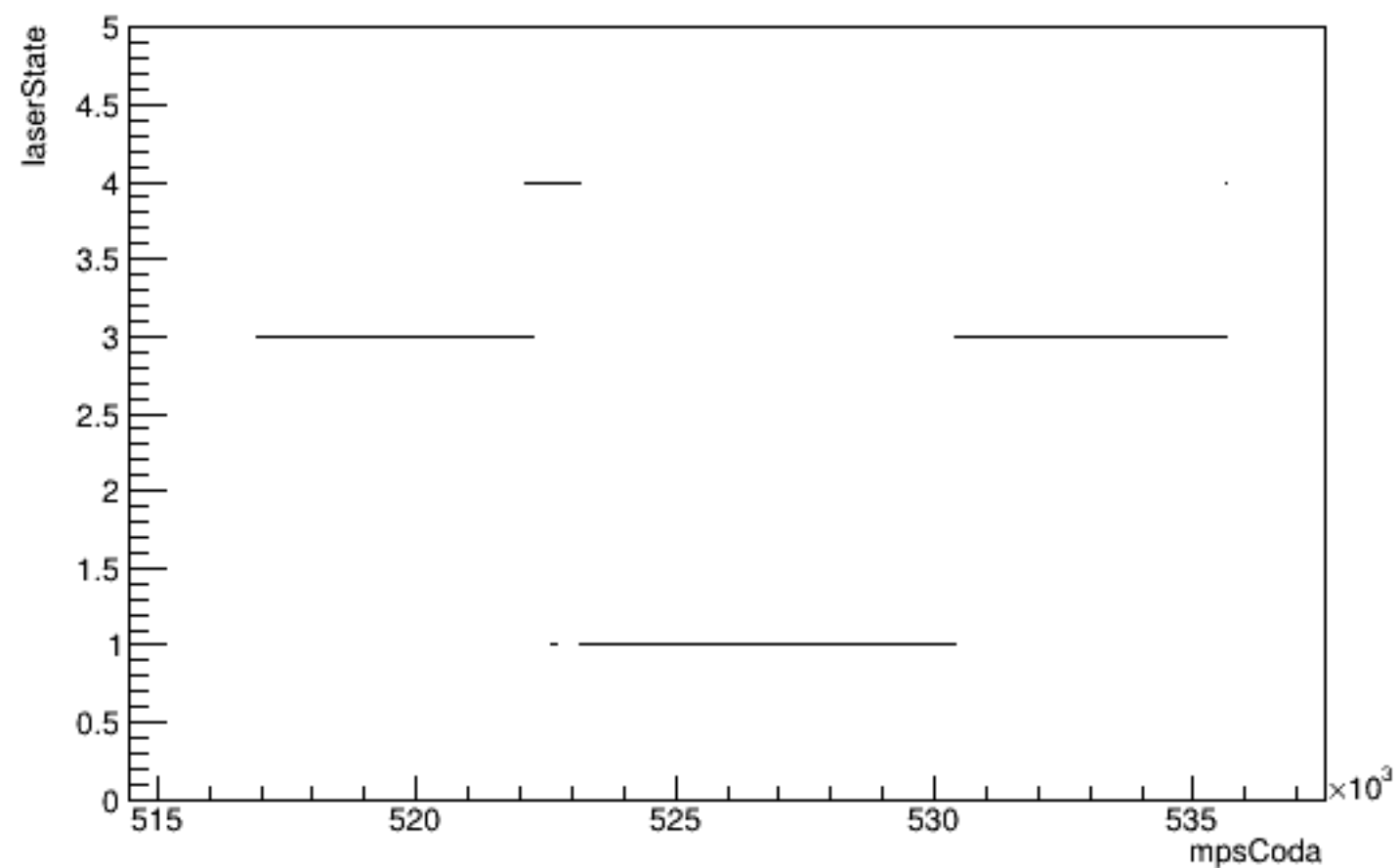
Run 6166 quartetwise, Asyms



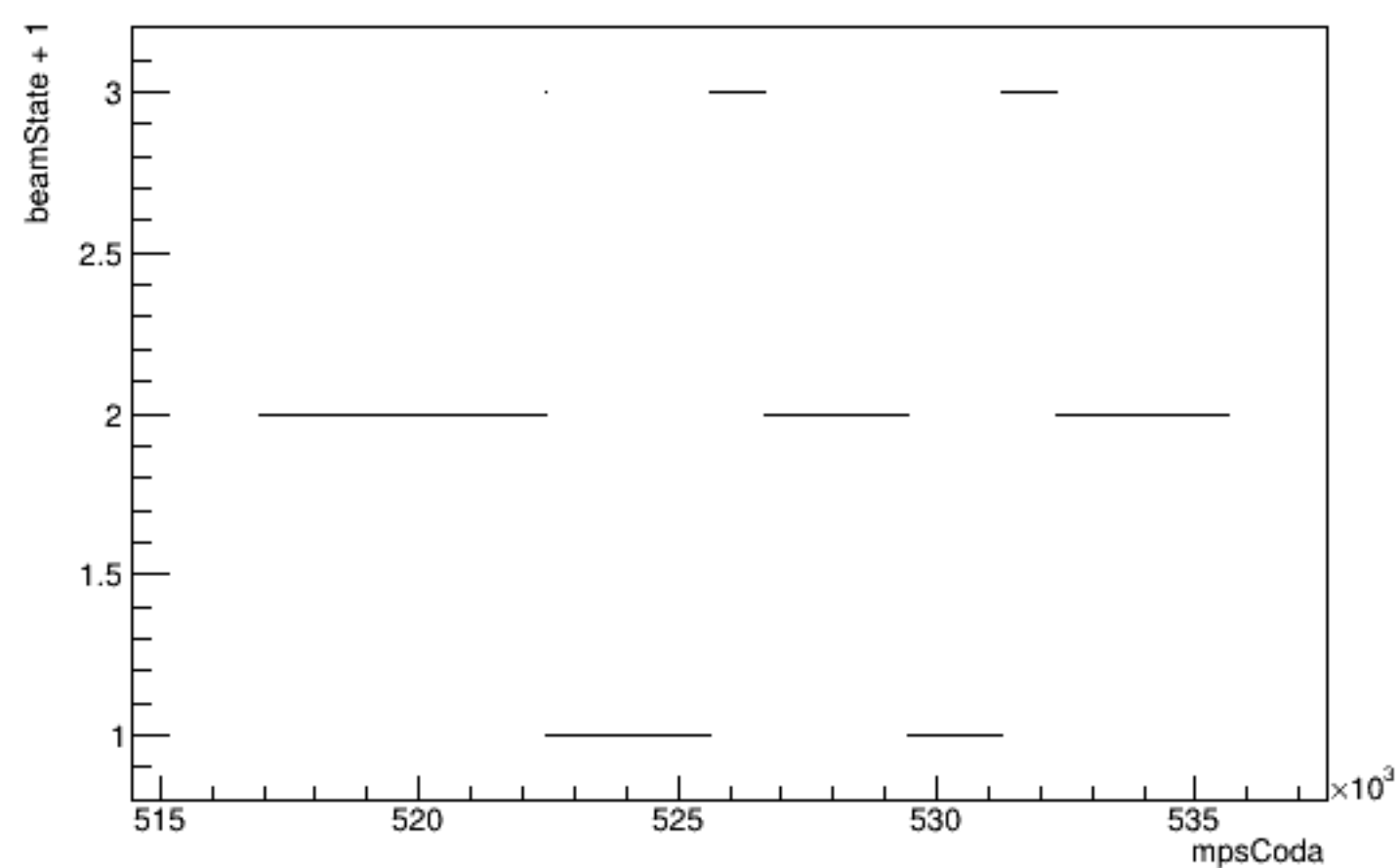
Acc0/NAcc0:mpsCoda (mpsCoda>=516926 && mpsCoda<=535657 && beamState==1)



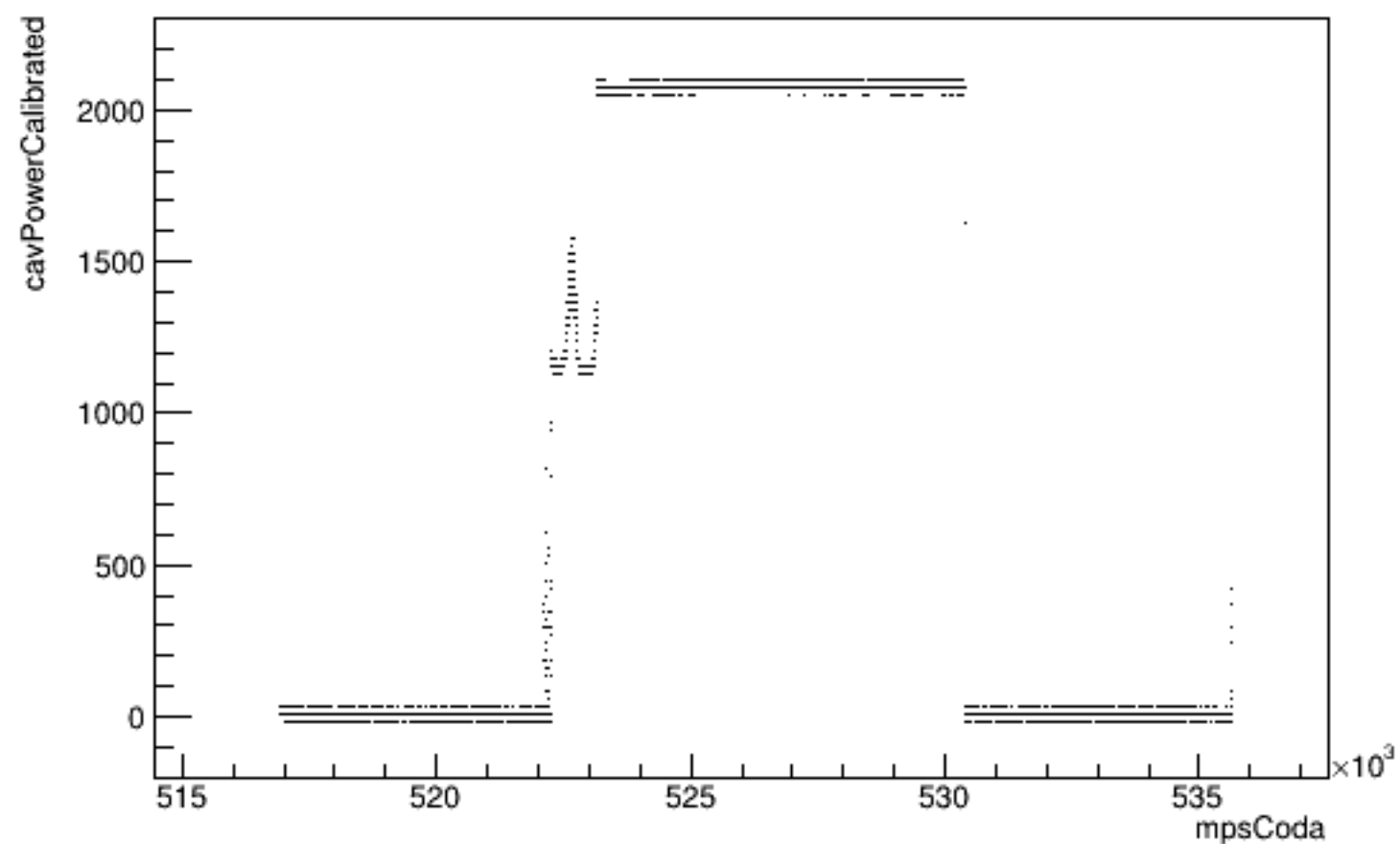
laserState:mpsCoda {mpsCoda>=516926 && mpsCoda<=535657}



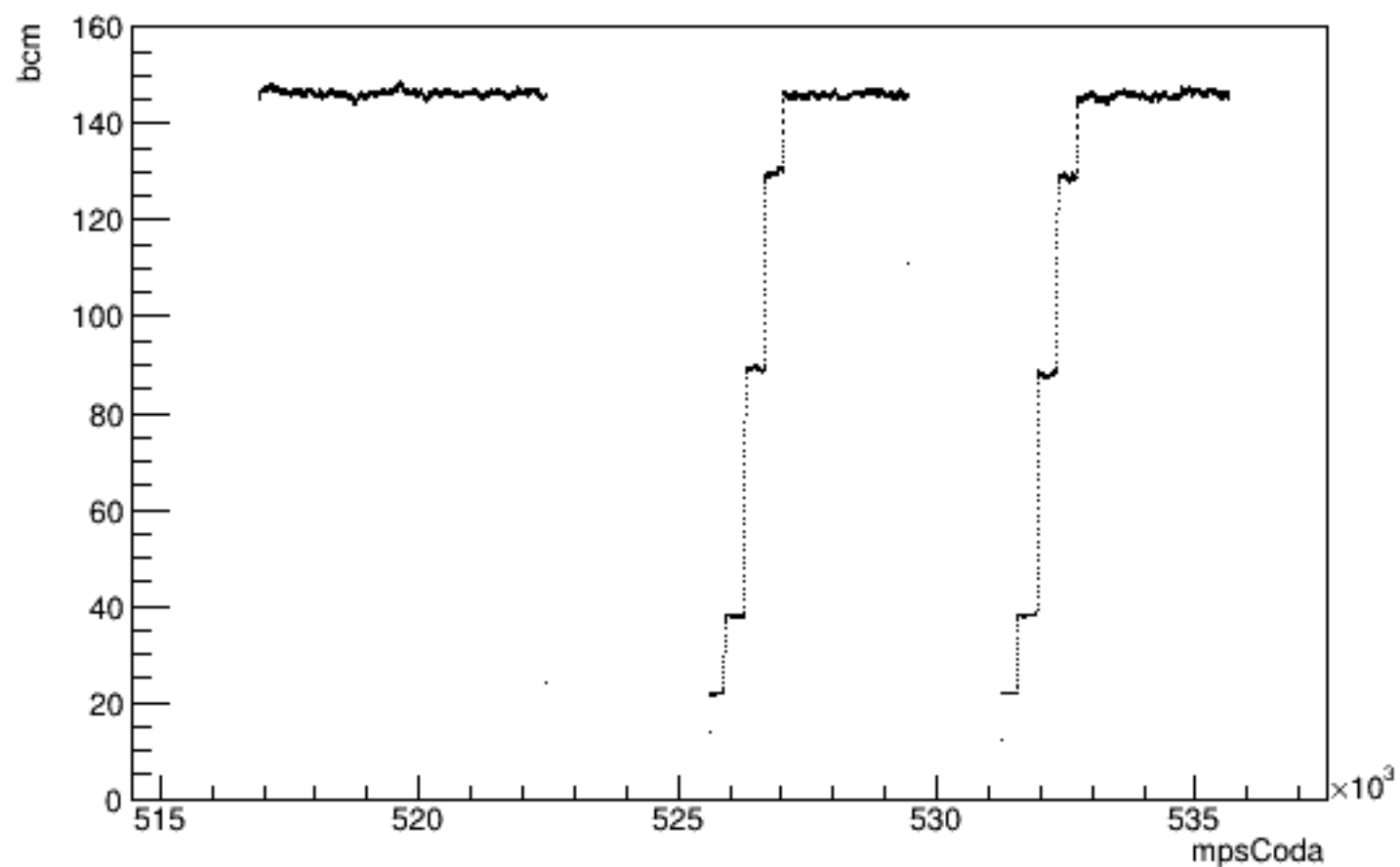
beamState + 1:mpsCoda {mpsCoda>=516926 && mpsCoda<=535657}



cavPowerCalibrated:mpsCoda {mpsCoda>=516926 && mpsCoda<=535657}



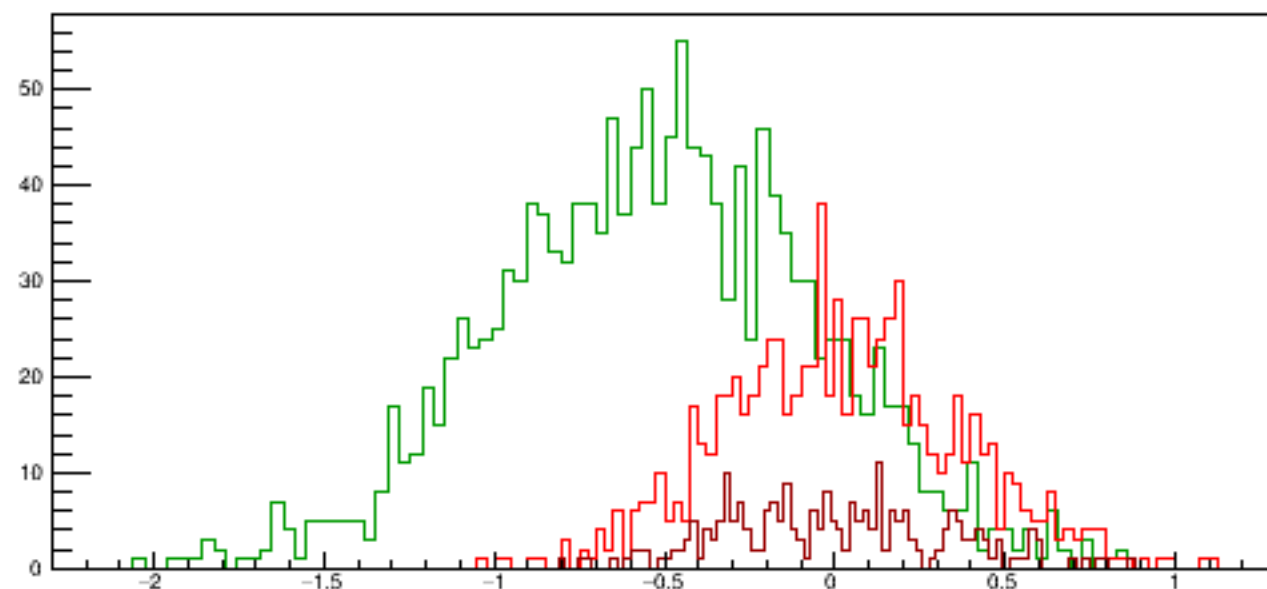
bcm:mpsCoda {mpsCoda>=516926 && mpsCoda<=535657}



Cycle 17, Diffs

Entries: 829	Entries: 1526	Entries: 239
Mean: 0.0188 +/- 0.0119	Mean: -0.5199 +/- 0.0120	Mean: -0.0058 +/- 0.0210
Std Dev: 0.3424 +/- 0.0084	Std Dev: 0.4699 +/- 0.0085	Std Dev: 0.3239 +/- 0.0148

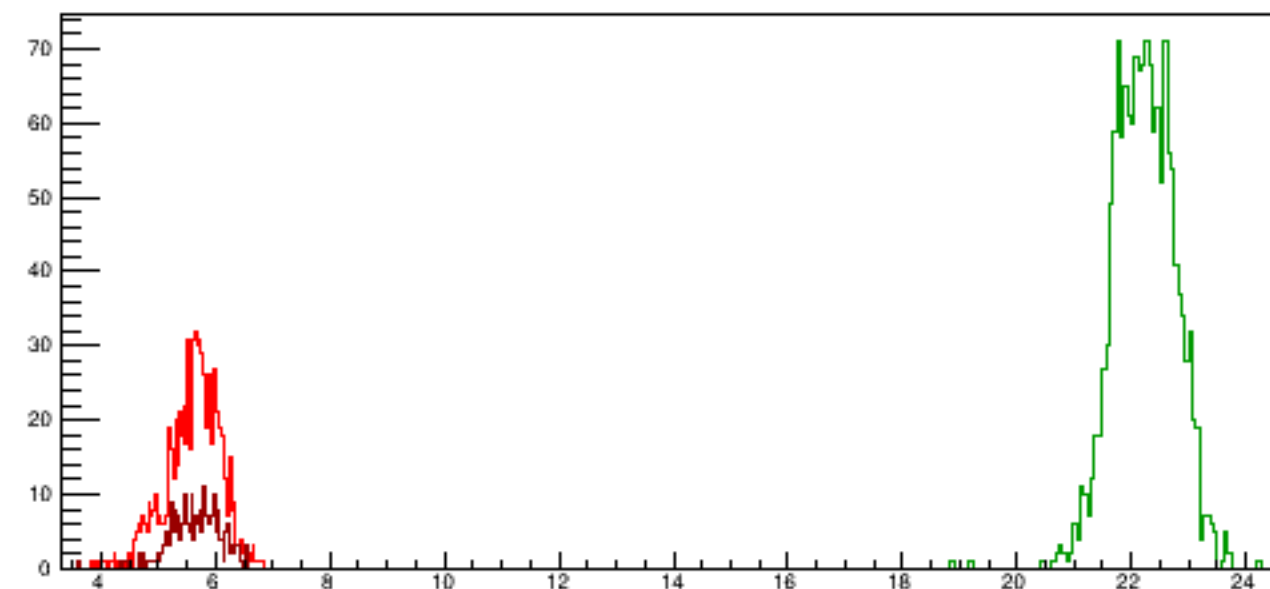
Run 6166 quartetwise, Diffs



Cycle 17, Sums

Entries: 829	Entries: 1526	Entries: 239
Mean: 5.6111 +/- 0.0164	Mean: 22.2272 +/- 0.0136	Mean: 5.6525 +/- 0.0286
Std Dev: 0.4733 +/- 0.0116	Std Dev: 0.5308 +/- 0.0096	Std Dev: 0.4415 +/- 0.0202

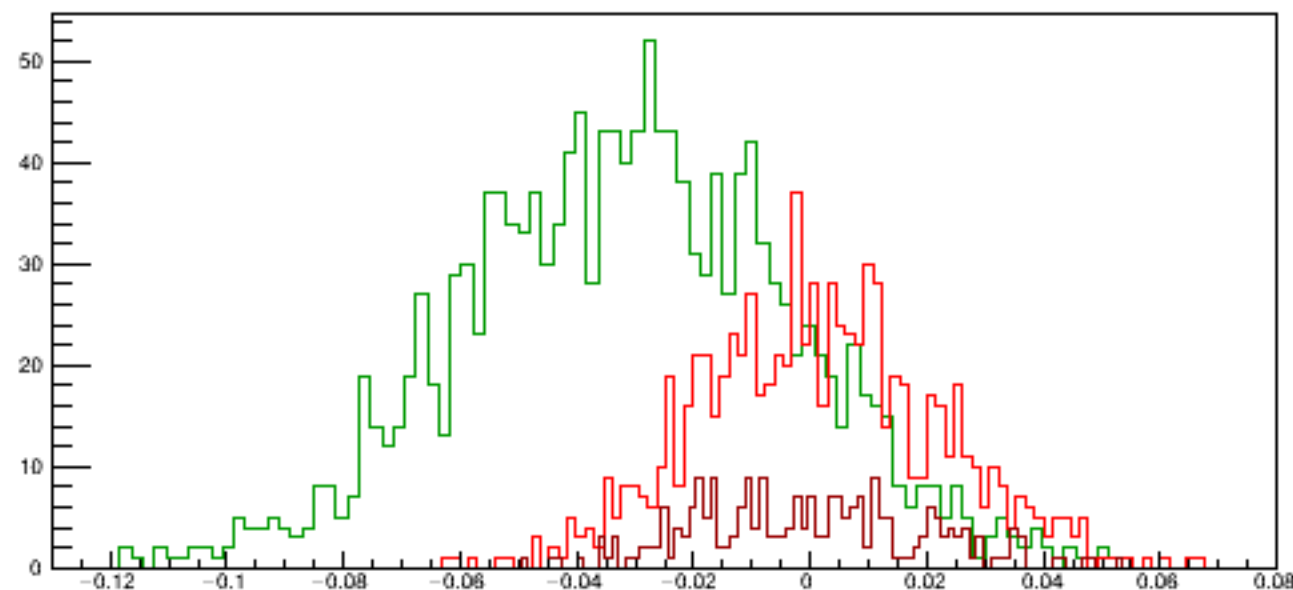
Run 6166 quartetwise, Sums



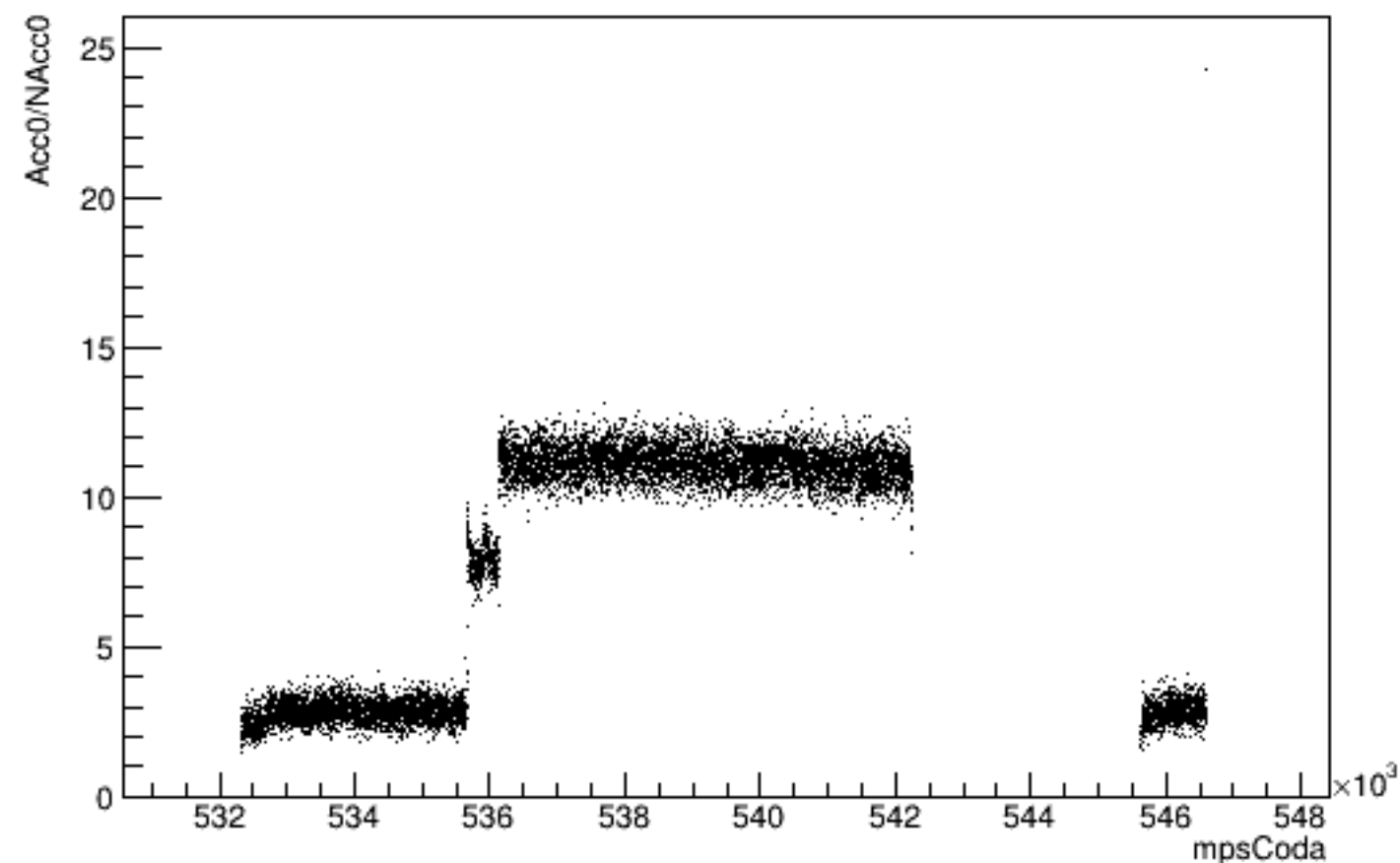
Cycle 17, Asyms

Entries: 829	Entries: 1526	Entries: 239
Mean: 0.0011 +/- 0.0007	Mean: -0.0313 +/- 0.0007	Mean: -0.0003 +/- 0.0013
Std Dev: 0.0206 +/- 0.0005	Std Dev: 0.0282 +/- 0.0005	Std Dev: 0.0195 +/- 0.0009

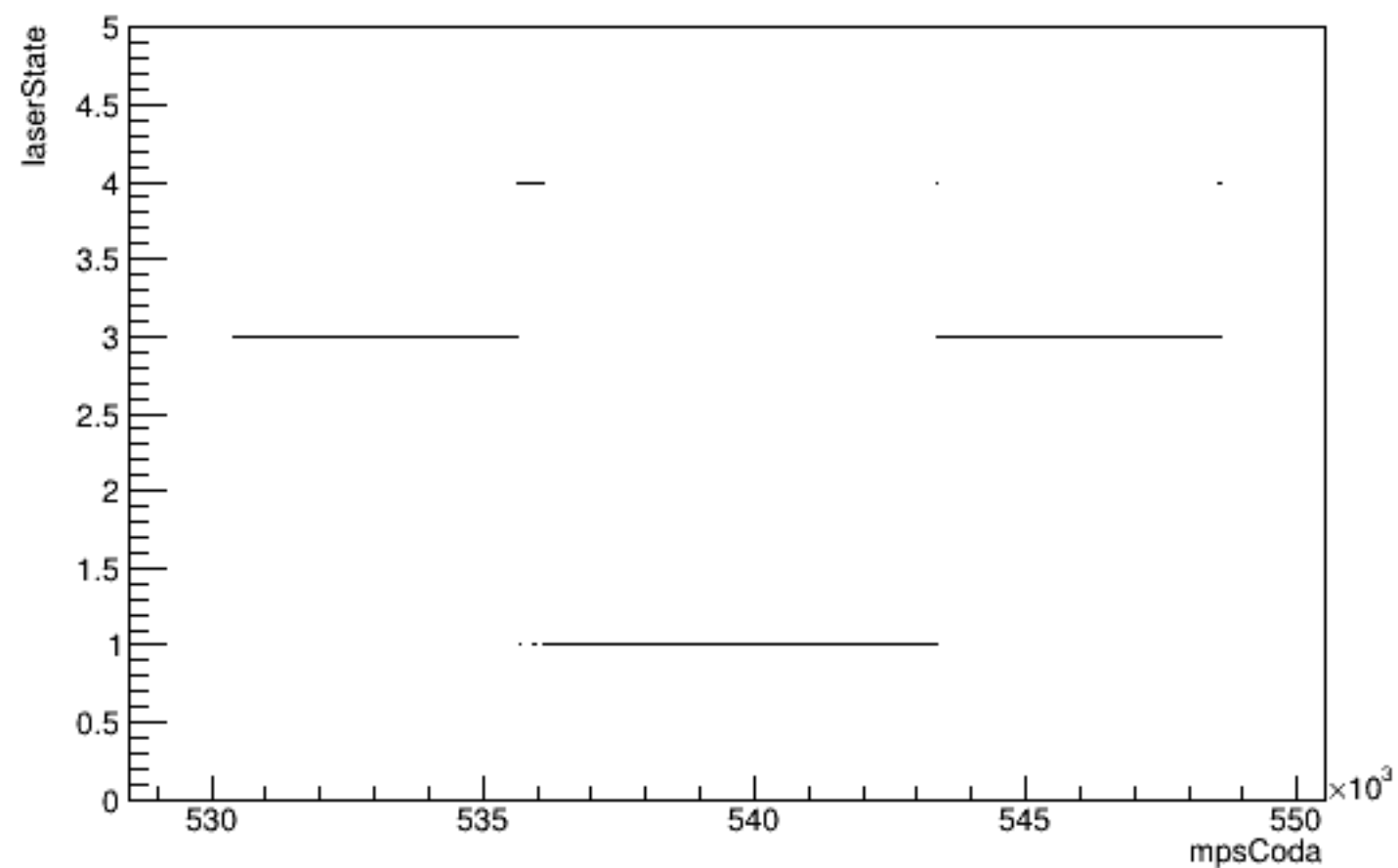
Run 6166 quartetwise, Asyms



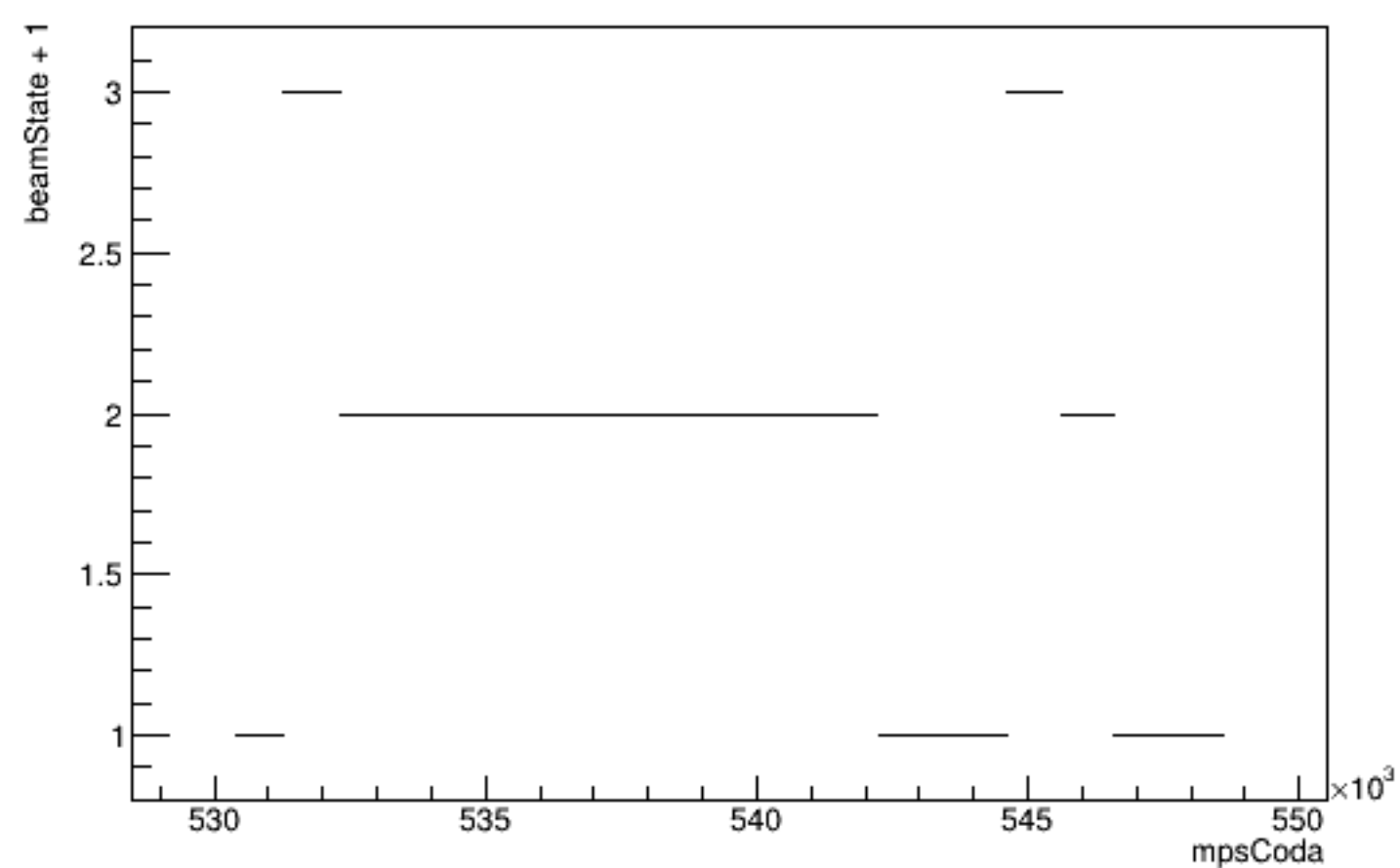
Acc0/NAcc0:mpsCoda (mpsCoda>=530390 && mpsCoda<=548585 && beamState==1)



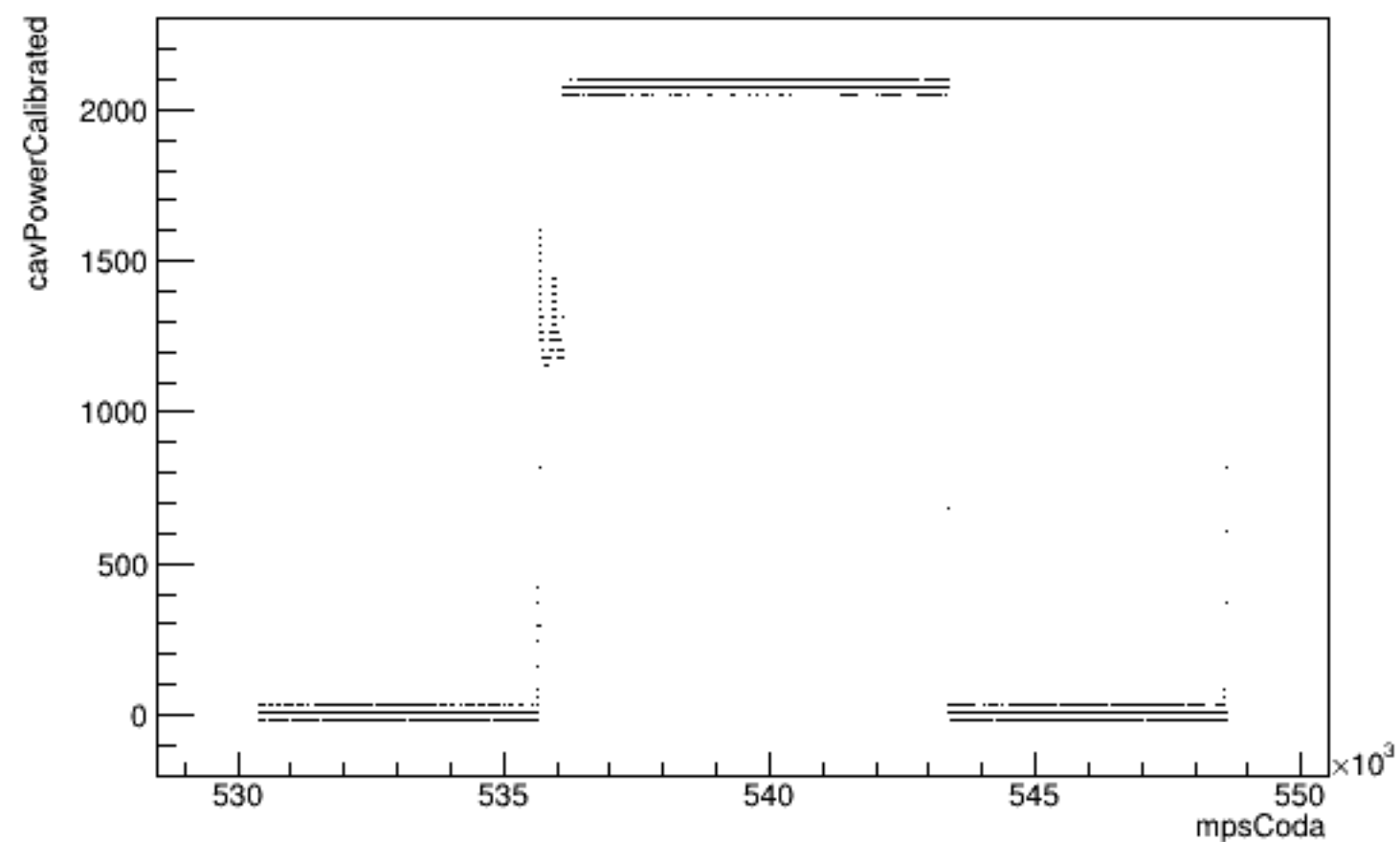
laserState:mpsCoda {mpsCoda>=530390 && mpsCoda<=548585}



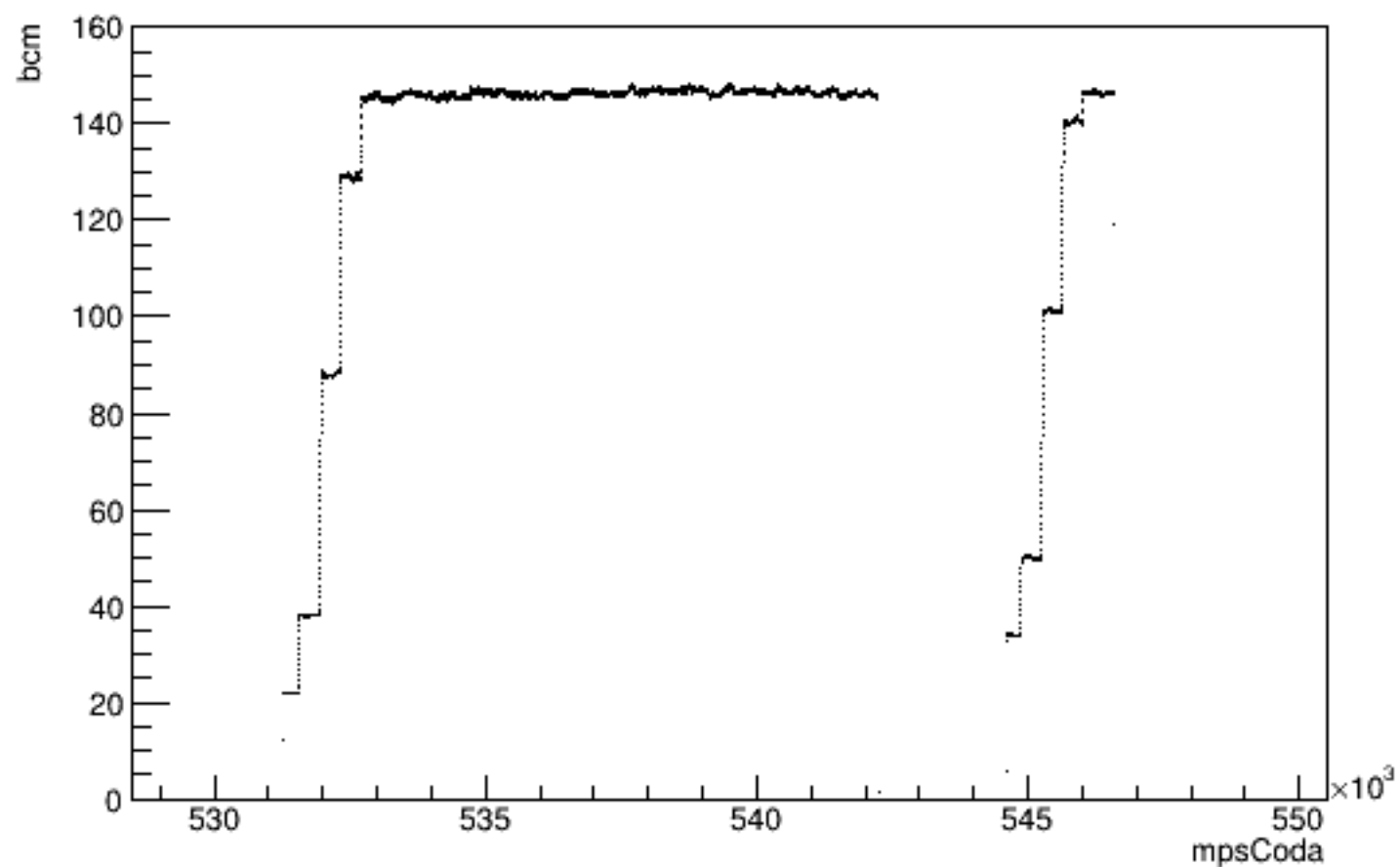
beamState + 1:mpsCoda {mpsCoda>=530390 && mpsCoda<=548585}



cavPowerCalibrated:mpsCoda {mpsCoda>=530390 && mpsCoda<=548585}



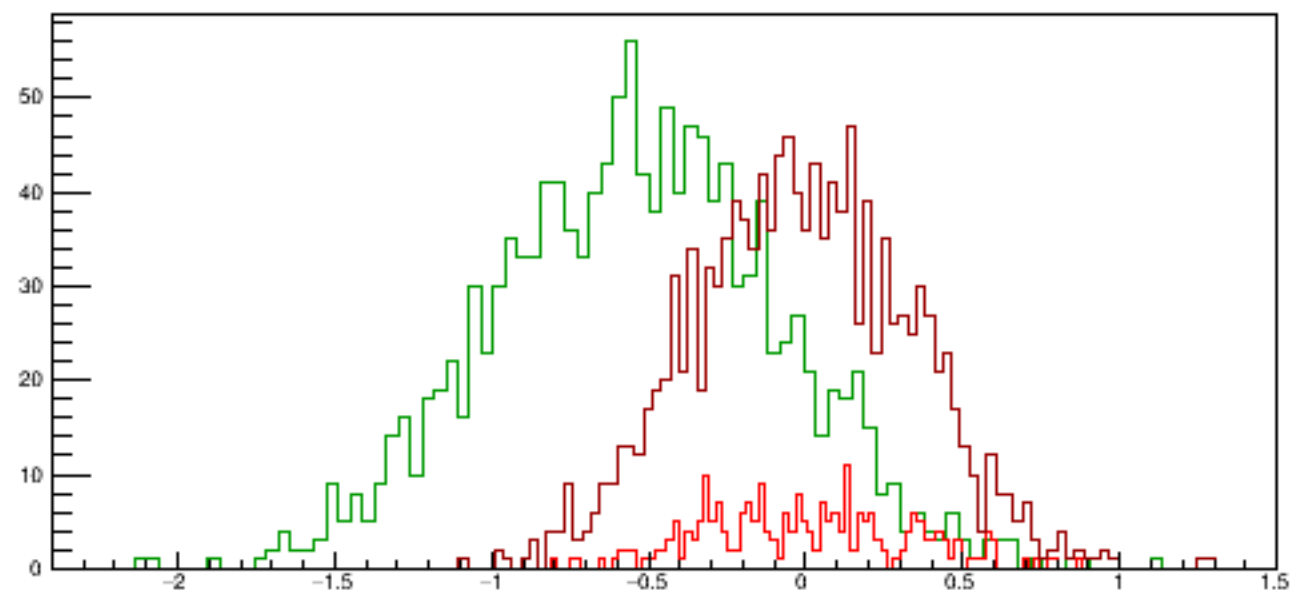
bcm:mpsCoda {mpsCoda>=530390 && mpsCoda<=548585}



Cycle 18, Diffs

Entries: 239	Entries: 1375	Entries: 1316
Mean: -0.0058 +/- 0.0210	Mean: -0.5393 +/- 0.0123	Mean: -0.0143 +/- 0.0096
Std Dev: 0.3239 +/- 0.0148	Std Dev: 0.4562 +/- 0.0087	Std Dev: 0.3470 +/- 0.0068

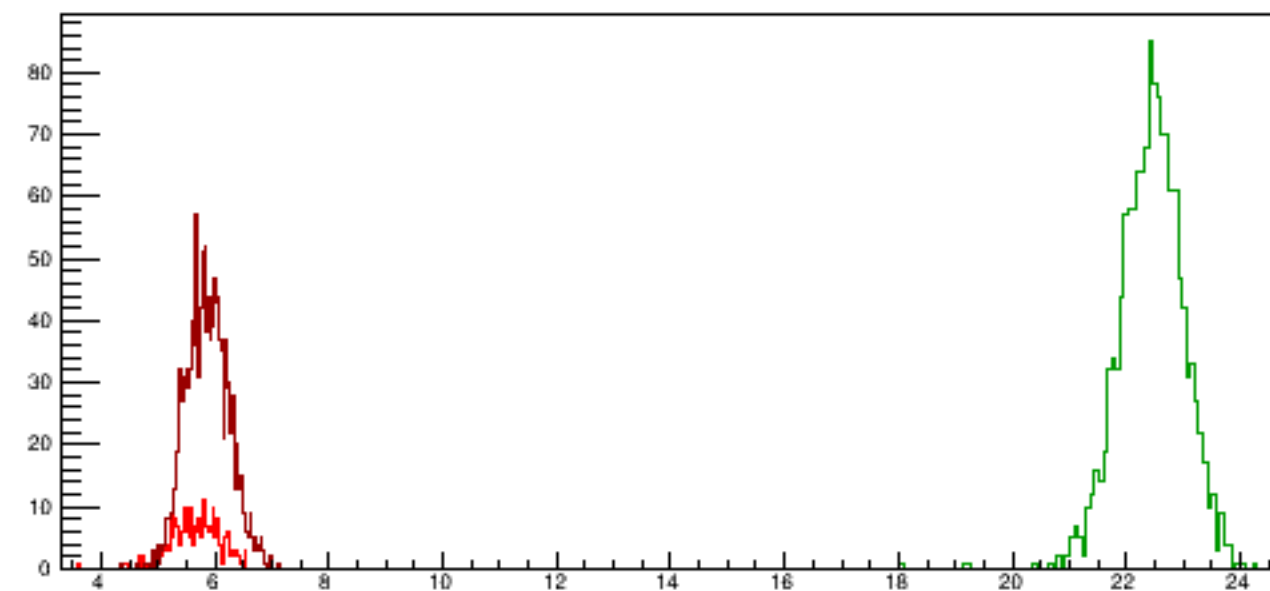
Run 6166 quartetwise, Diffs



Cycle 18, Sums

Entries: 239	Entries: 1375	Entries: 1316
Mean: 5.6525 +/- 0.0286	Mean: 22.4387 +/- 0.0152	Mean: 5.8692 +/- 0.0104
Std Dev: 0.4415 +/- 0.0202	Std Dev: 0.5634 +/- 0.0107	Std Dev: 0.3764 +/- 0.0073

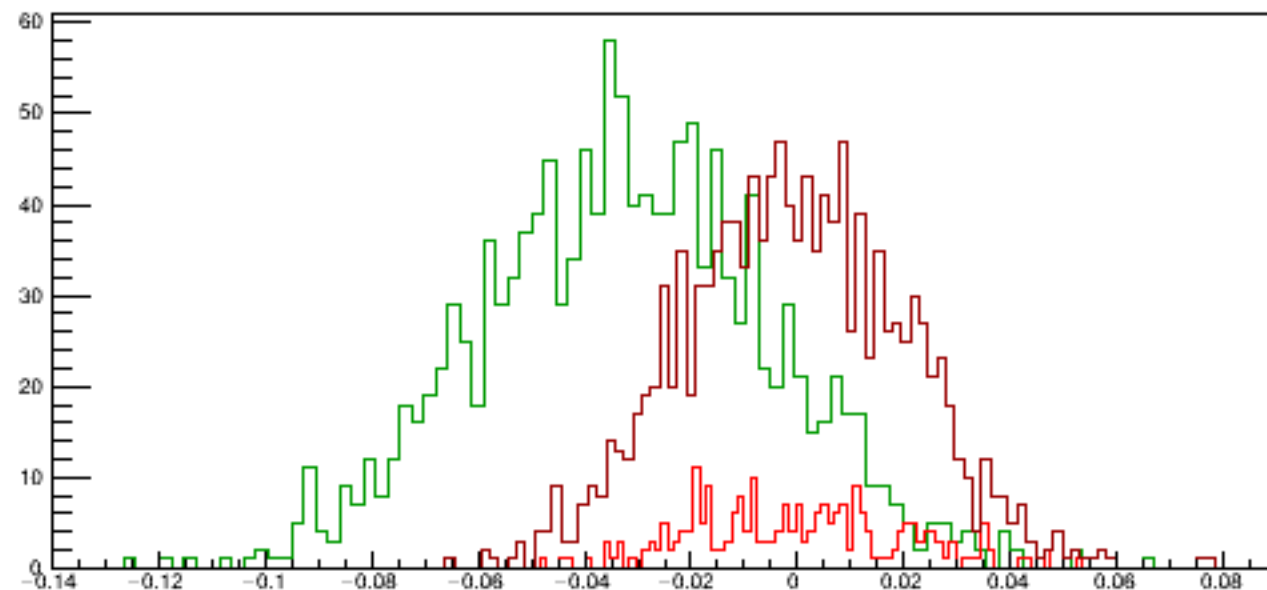
Run 6166 quartetwise, Sums



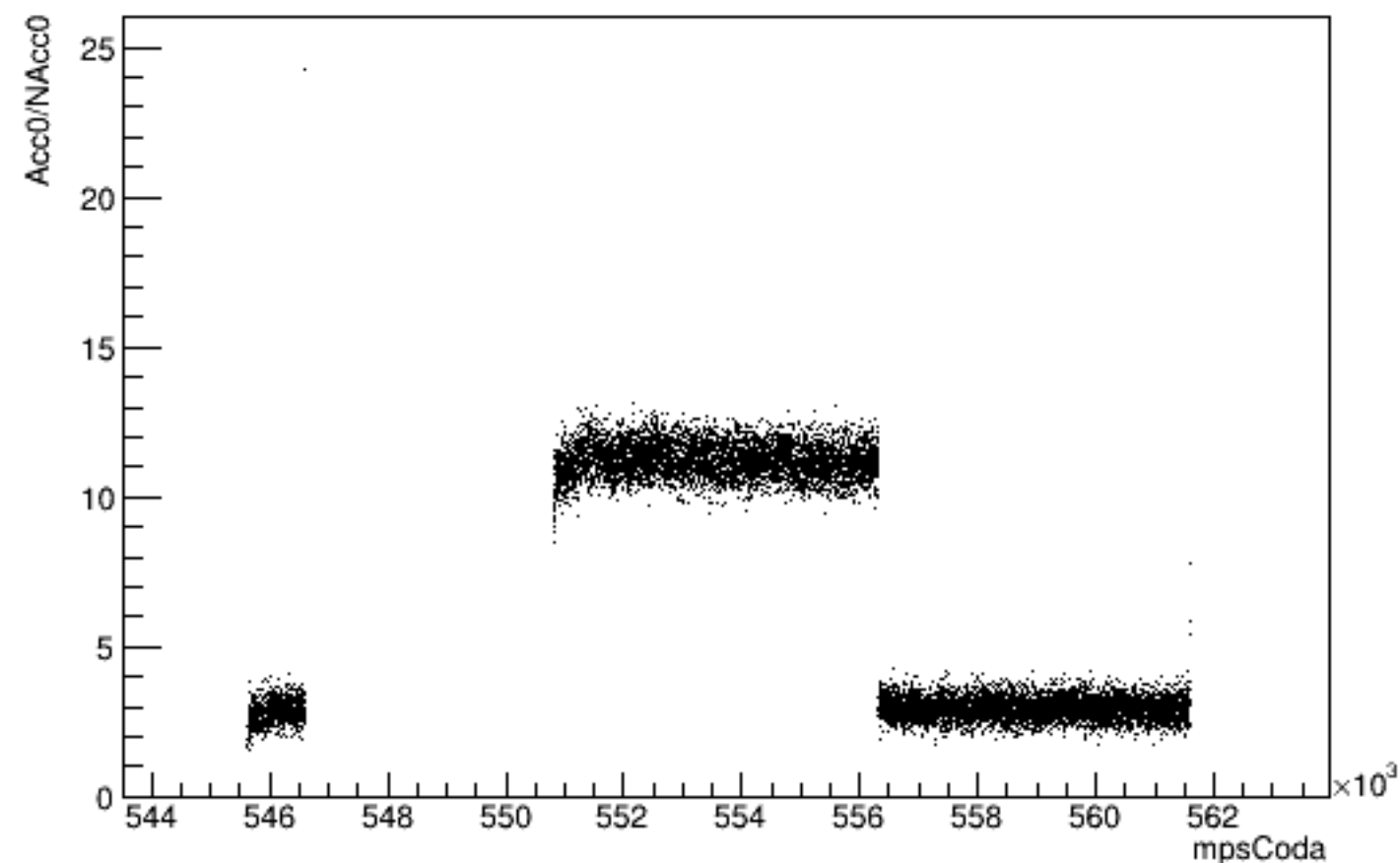
Cycle 18, Asyms

Entries: 239	Entries: 1375	Entries: 1316
Mean: -0.0003 +/- 0.0013	Mean: -0.0324 +/- 0.0007	Mean: -0.0009 +/- 0.0006
Std Dev: 0.0194 +/- 0.0009	Std Dev: 0.0273 +/- 0.0005	Std Dev: 0.0208 +/- 0.0004

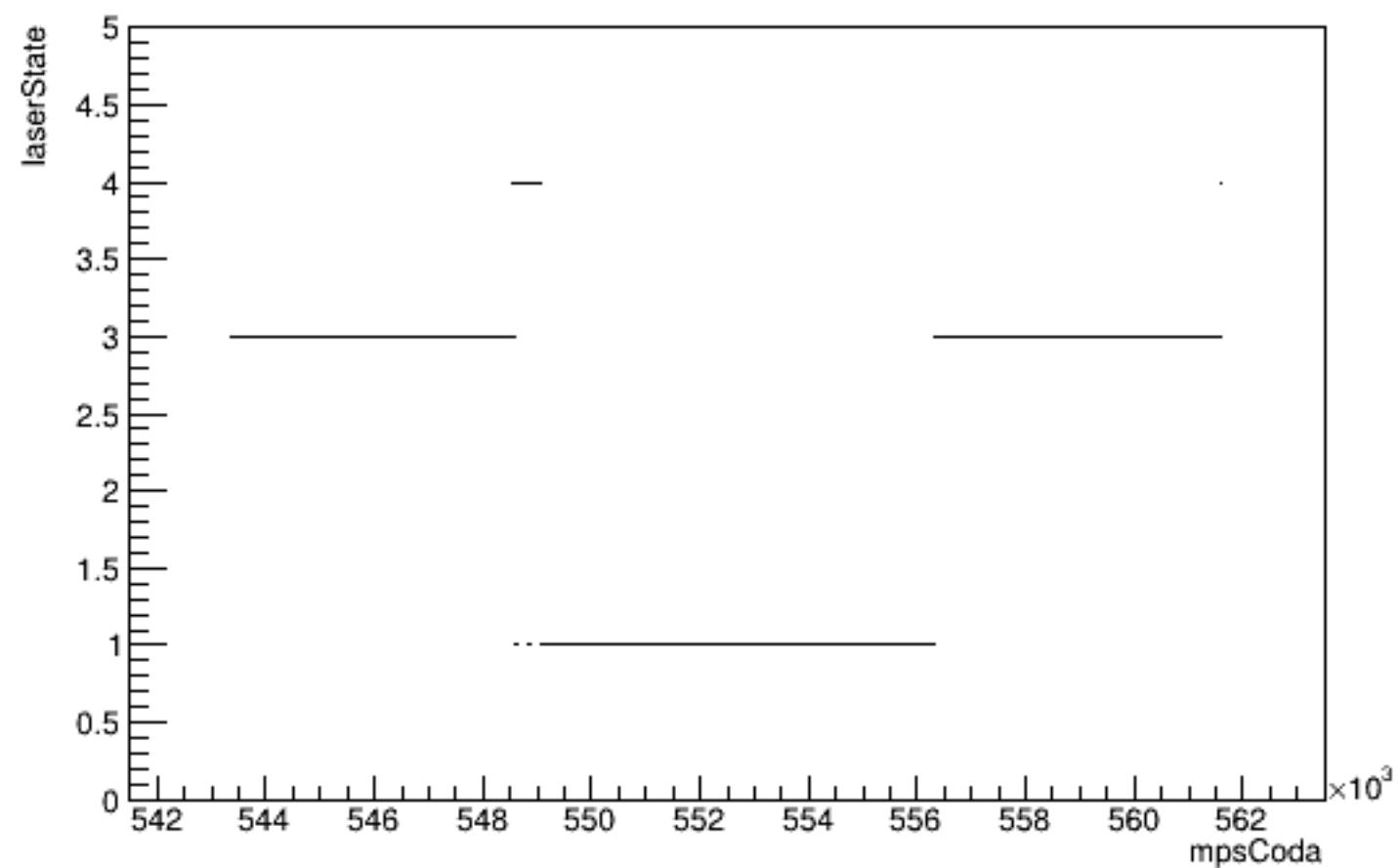
Run 6166 quartetwise, Asyms



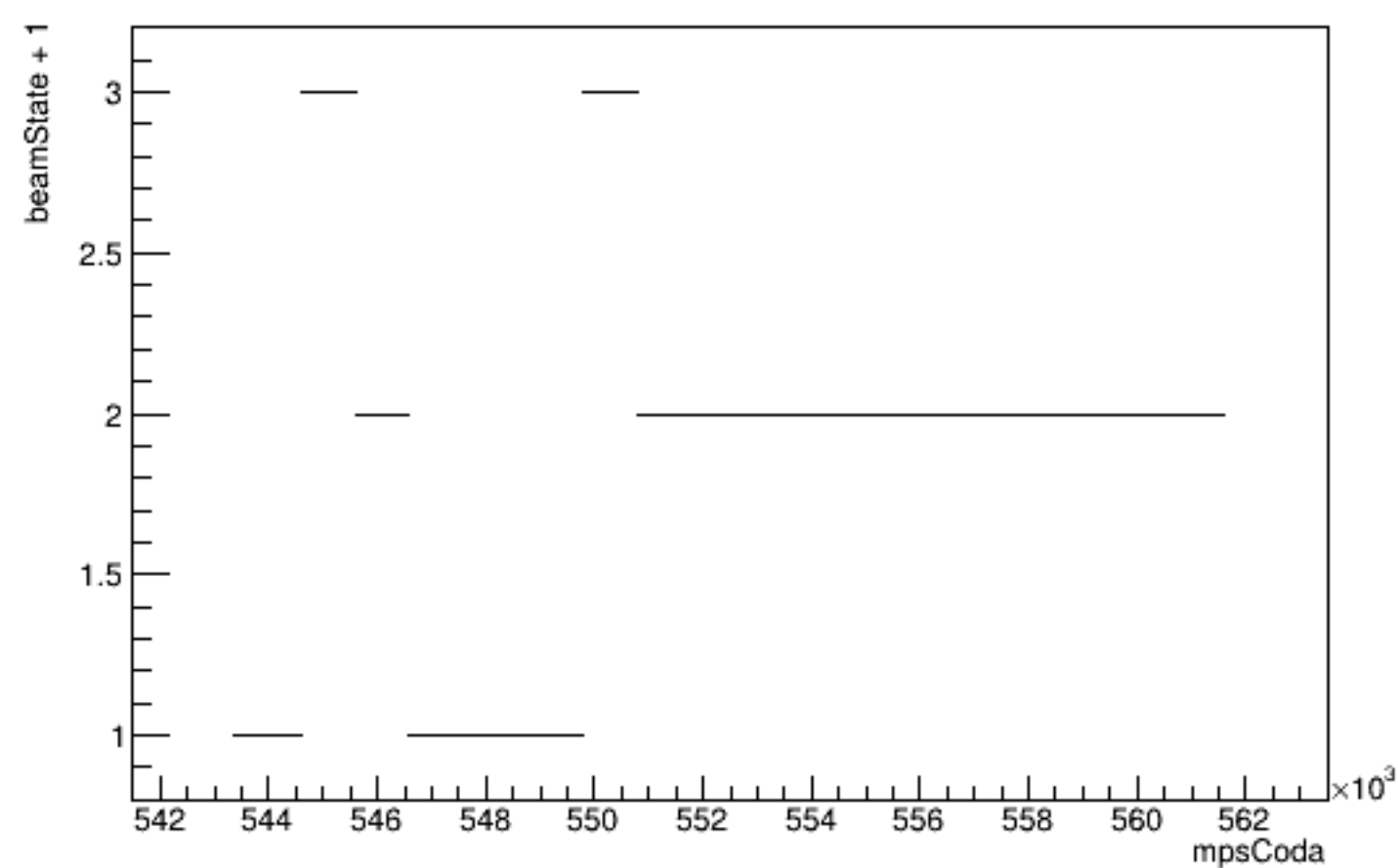
Acc0/NAcc0:mpsCoda (mpsCoda>=543362 && mpsCoda<=561593 && beamState==1)



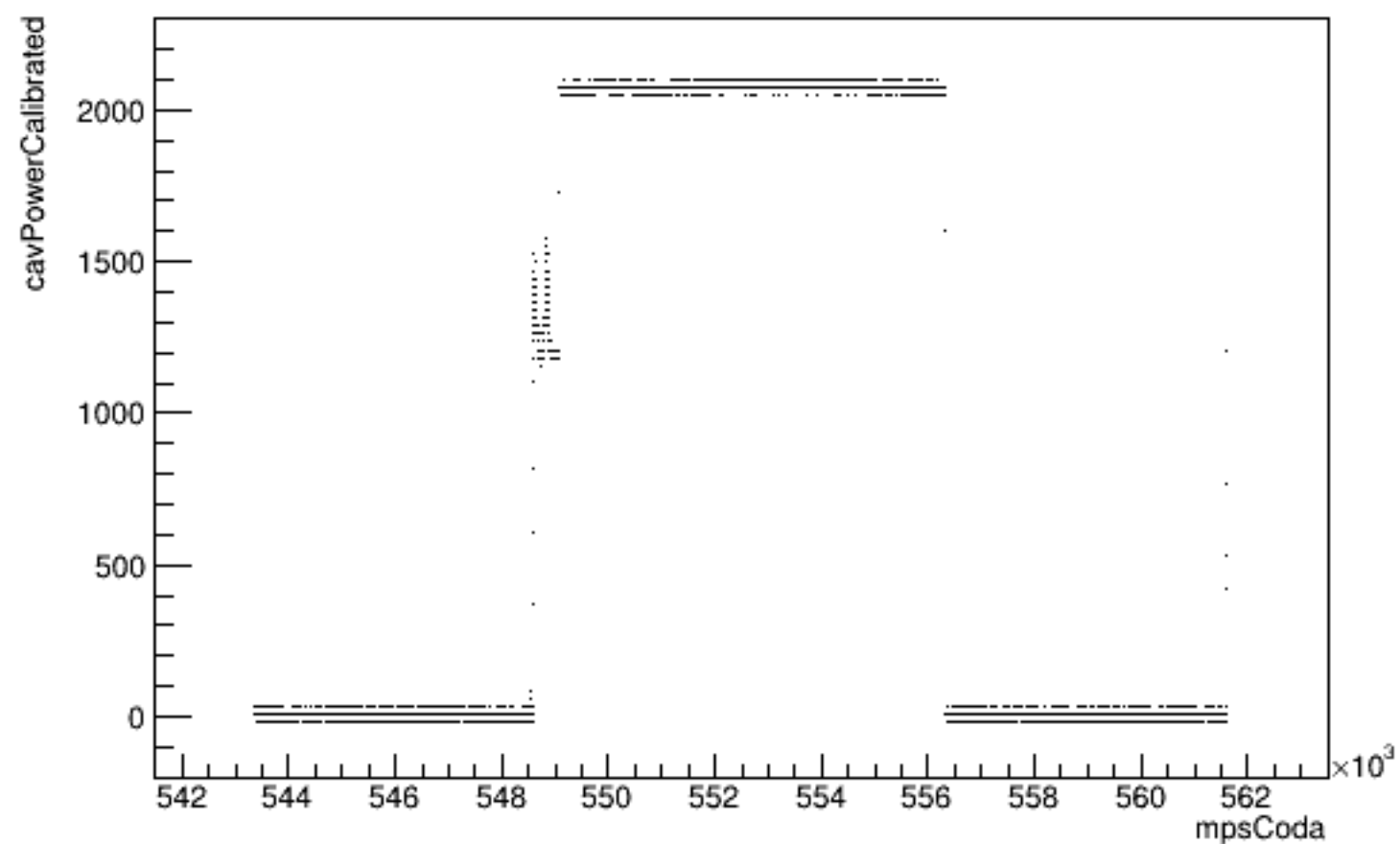
laserState:mpsCoda {mpsCoda>=543362 && mpsCoda<=561593}



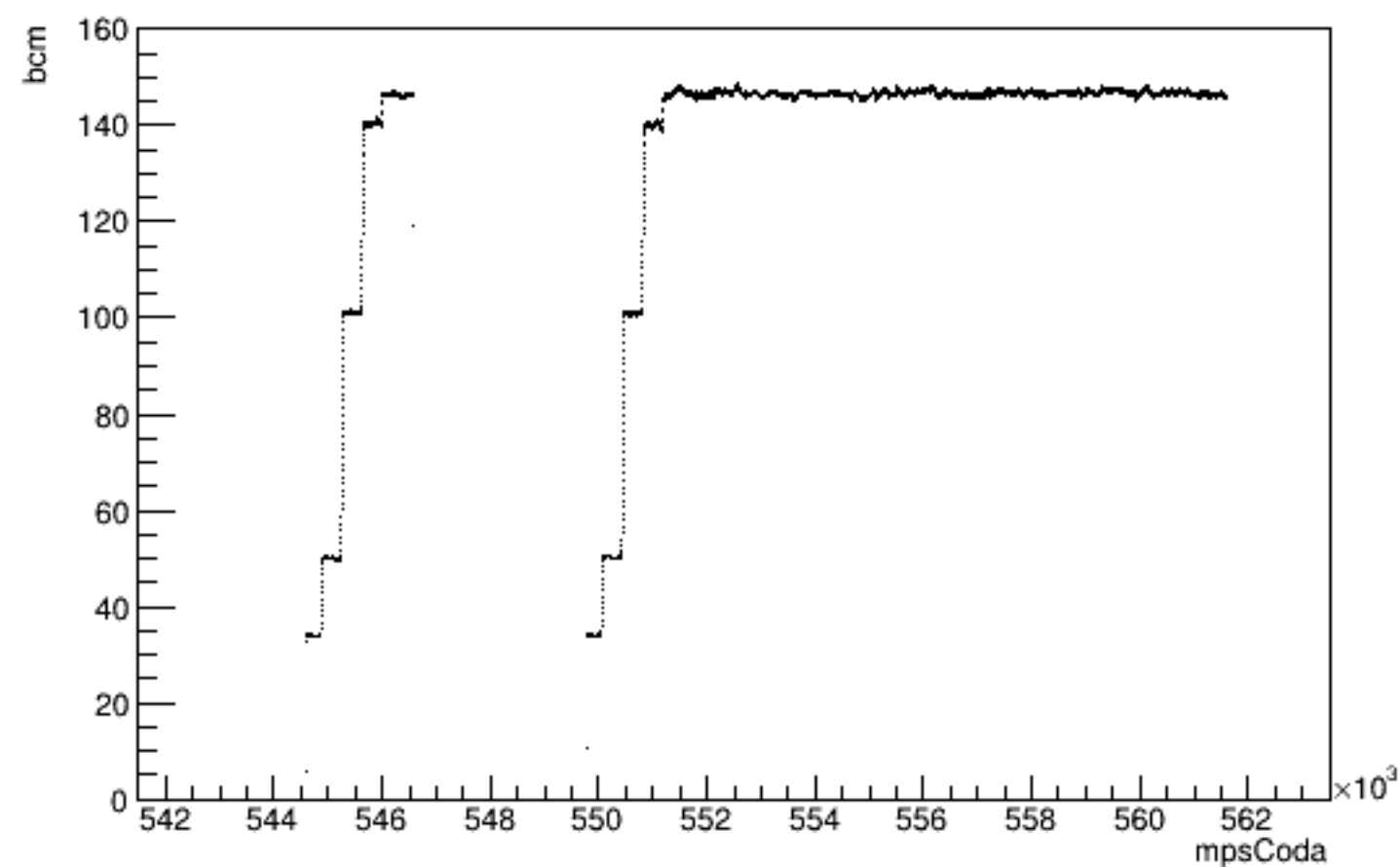
beamState + 1:mpsCoda {mpsCoda>=543362 && mpsCoda<=561593}



cavPowerCalibrated:mpsCoda {mpsCoda>=543362 && mpsCoda<=561593}



bcm:mpsCoda {mpsCoda>=543362 && mpsCoda<=561593}



Cycle 19, Diffs

Entries: 1316

Mean: -0.0143 +/- 0.0096

Std Dev: 0.3470 +/- 0.0068

Entries: 1809

Mean: -0.5244 +/- 0.0104

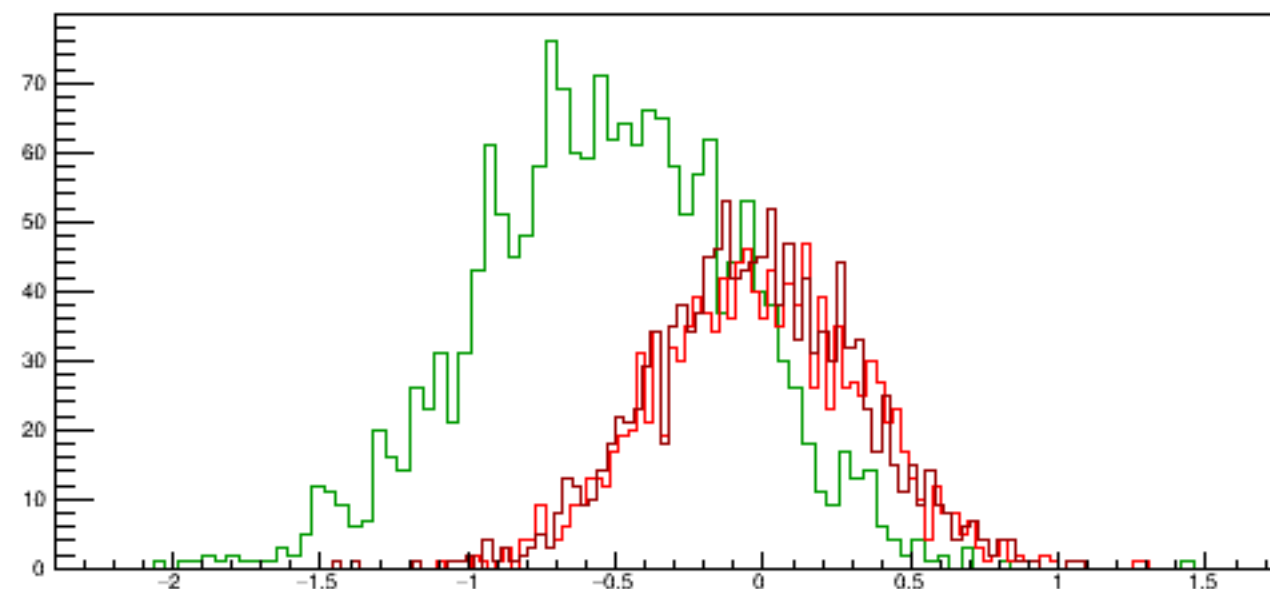
Std Dev: 0.4404 +/- 0.0073

Entries: 1320

Mean: -0.0303 +/- 0.0096

Std Dev: 0.3494 +/- 0.0068

Run 6166 quartetwise, Diffs



Cycle 19, Sums

Entries: 1316

Mean: 5.8692 +/- 0.0104

Std Dev: 0.3764 +/- 0.0073

Entries: 1809

Mean: 22.4646 +/- 0.0113

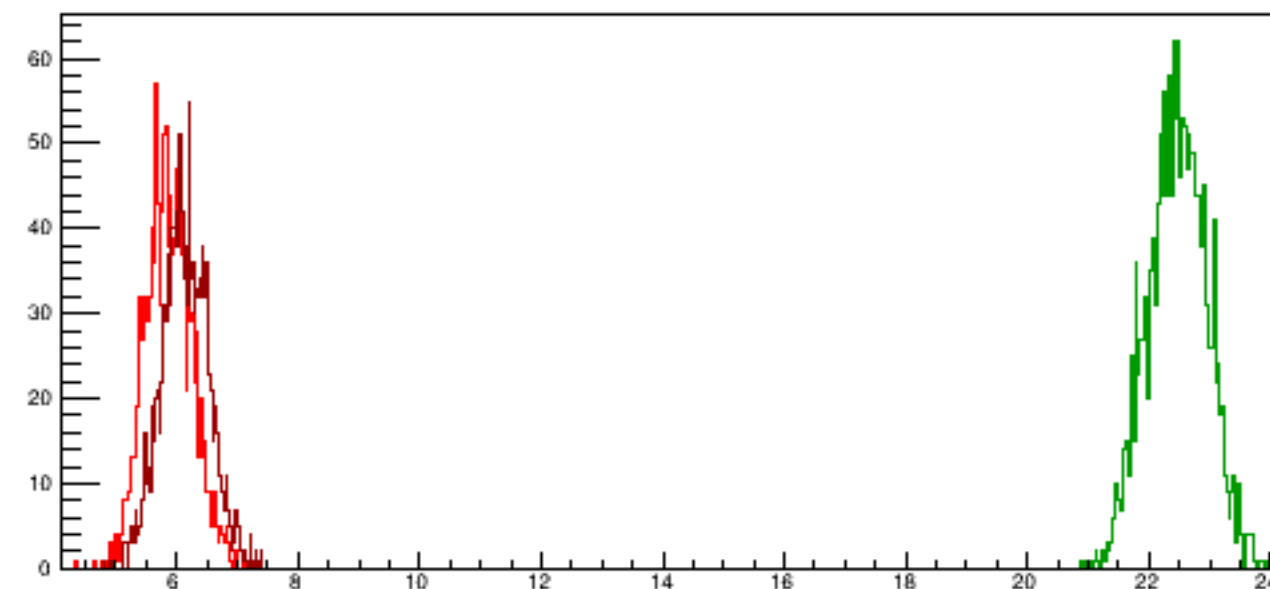
Std Dev: 0.4806 +/- 0.0080

Entries: 1320

Mean: 6.1457 +/- 0.0108

Std Dev: 0.3930 +/- 0.0076

Run 6166 quartetwise, Sums



Cycle 19, Asyms

Entries: 1316

Mean: -0.0009 +/- 0.0006

Std Dev: 0.0211 +/- 0.0004

Entries: 1809

Mean: -0.0319 +/- 0.0006

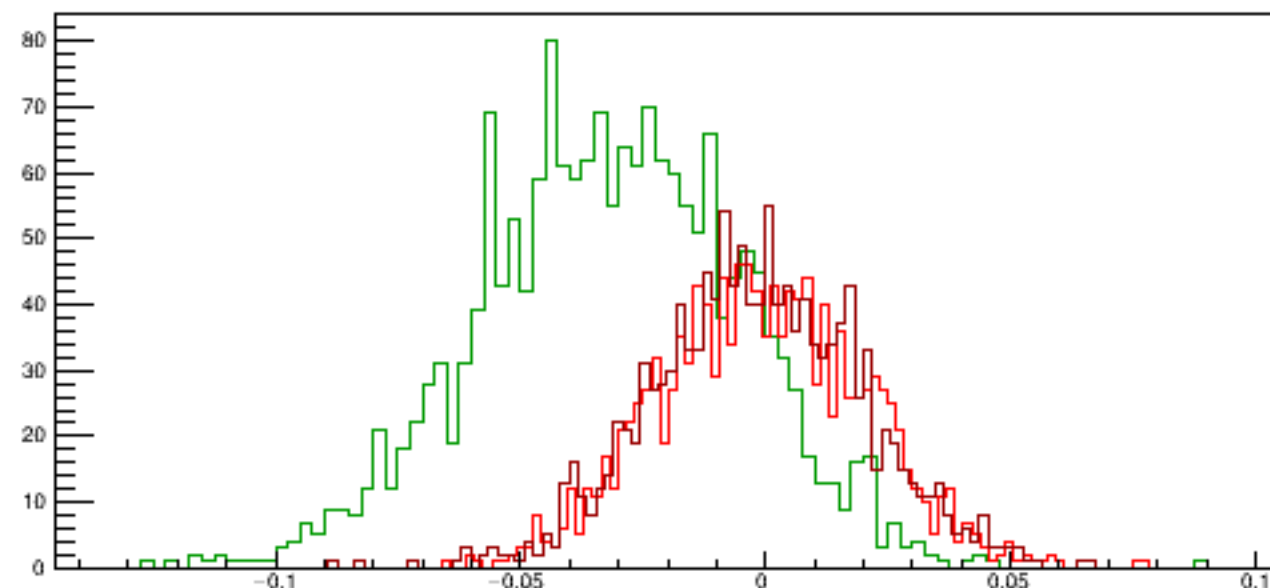
Std Dev: 0.0267 +/- 0.0004

Entries: 1320

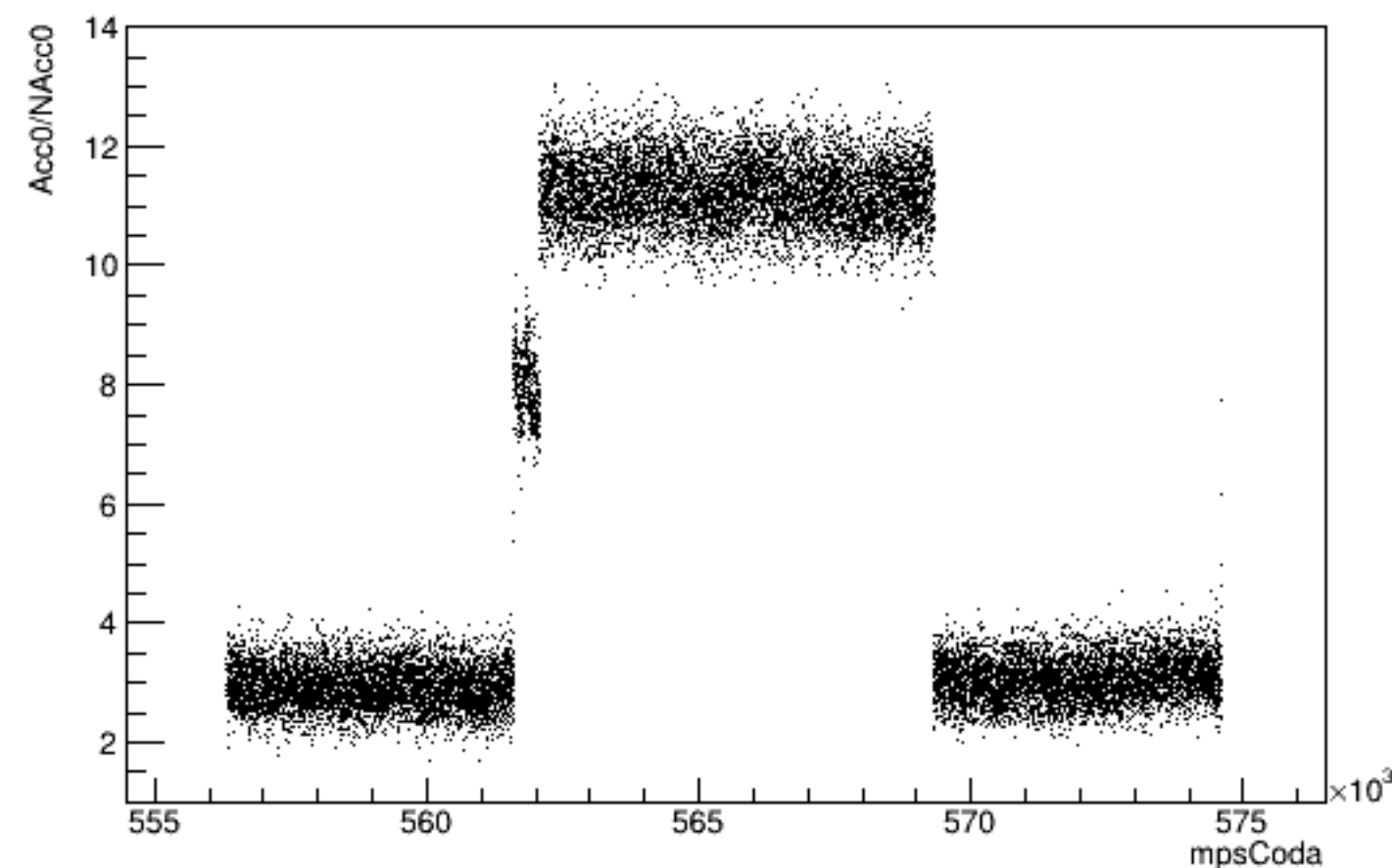
Mean: -0.0018 +/- 0.0006

Std Dev: 0.0212 +/- 0.0004

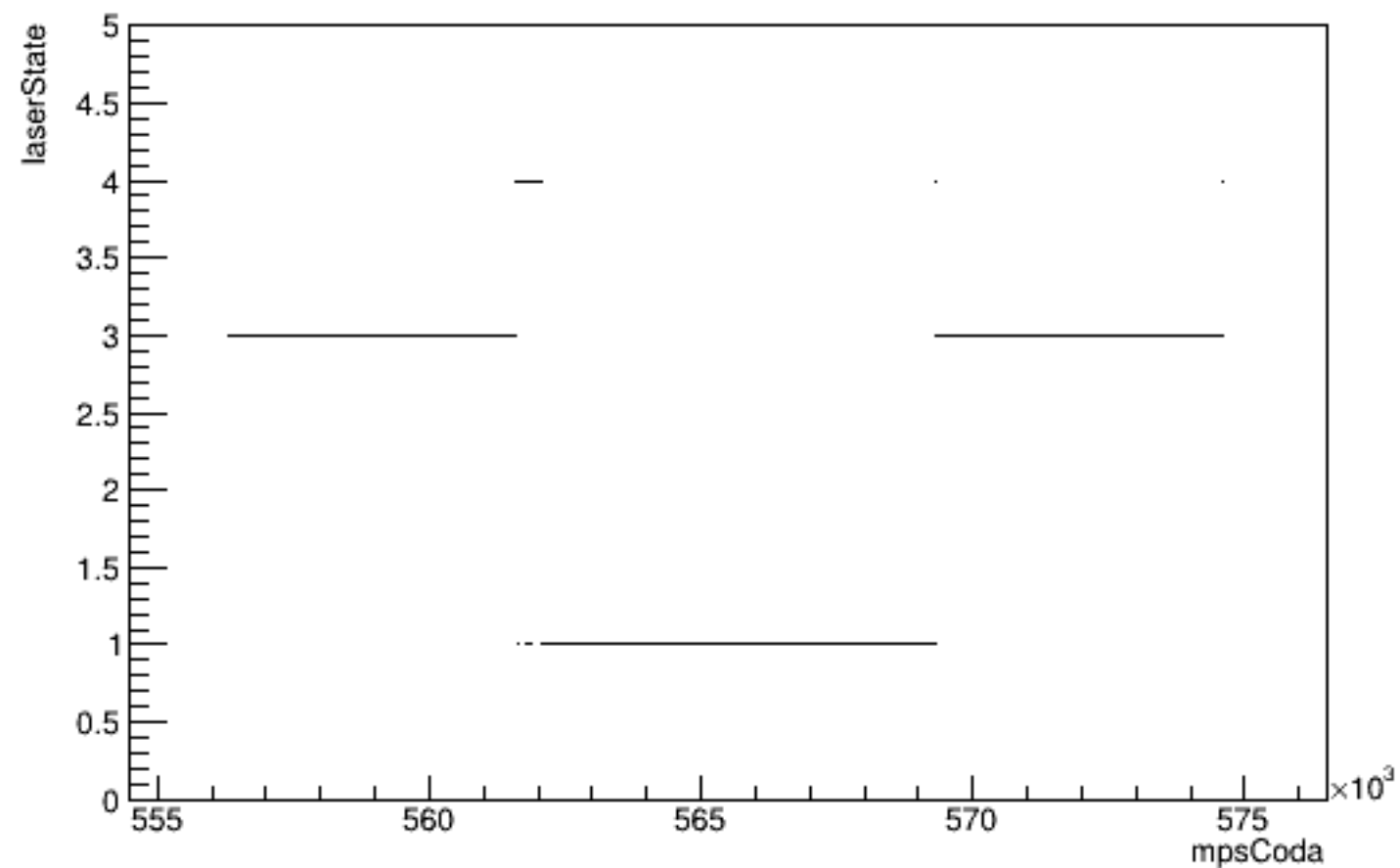
Run 6166 quartetwise, Asyms



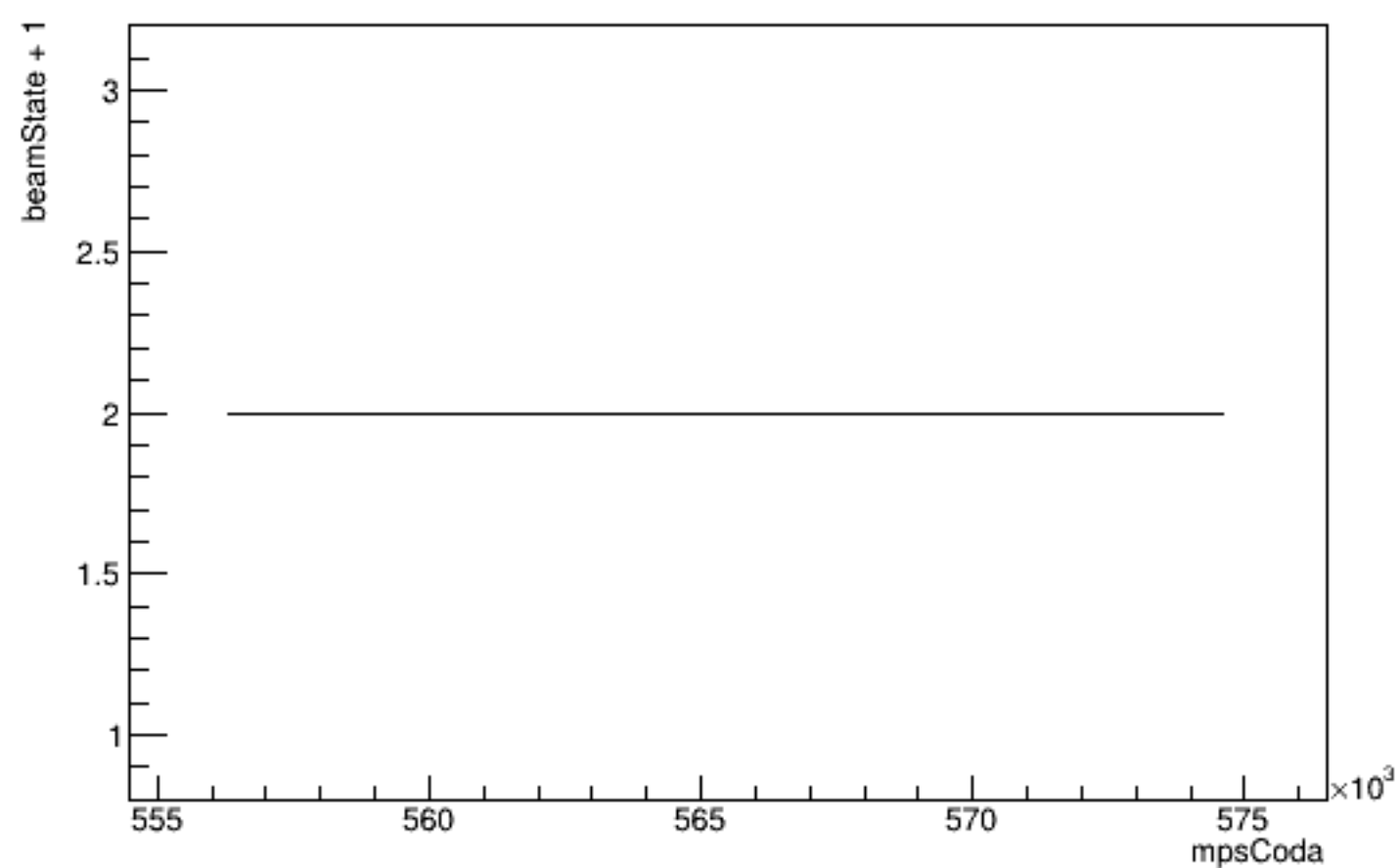
Acc0/NAcc0:mpsCoda (mpsCoda>=556322 && mpsCoda<=574597 && beamState==1)



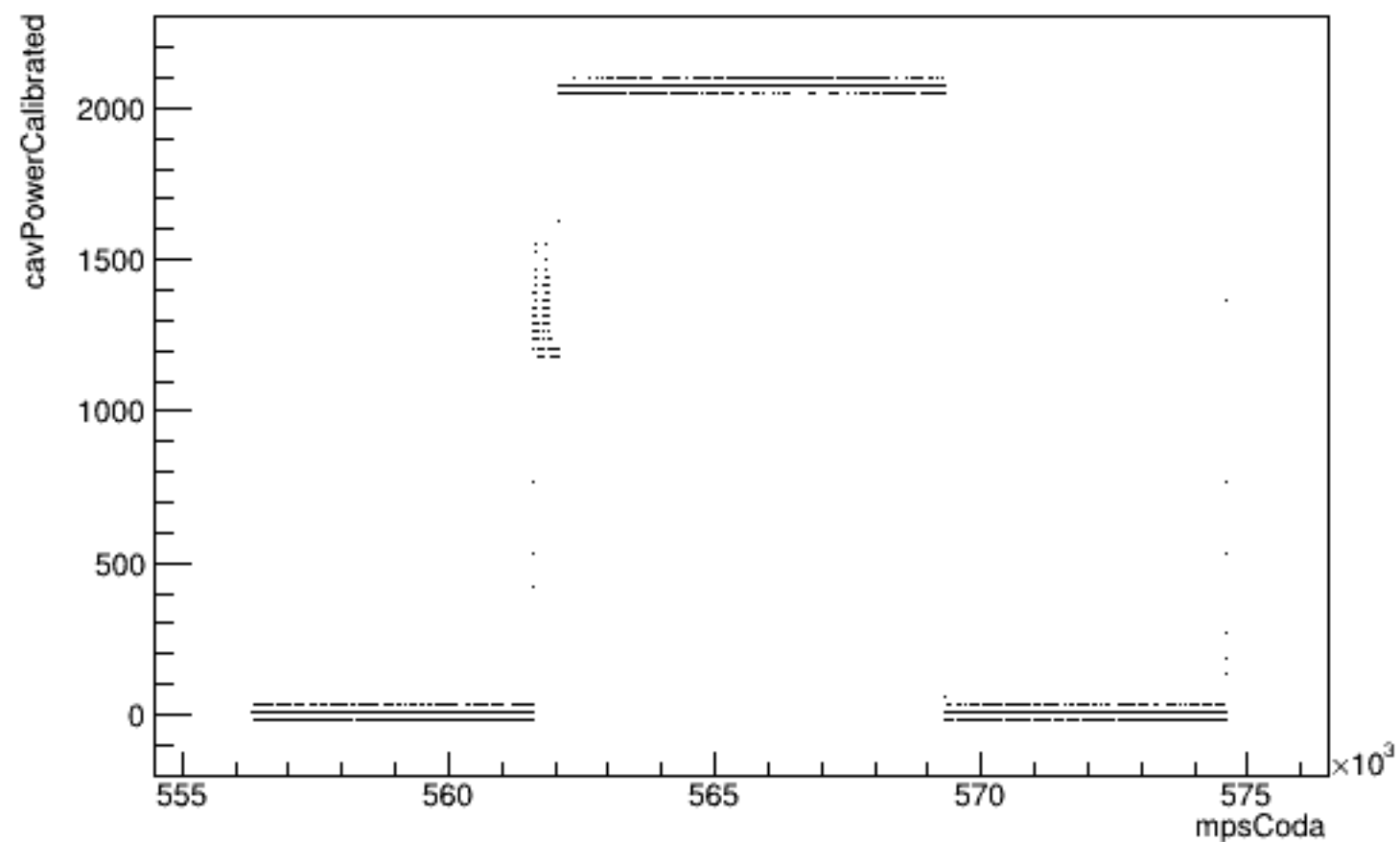
laserState:mpsCoda {mpsCoda>=556322 && mpsCoda<=574597}



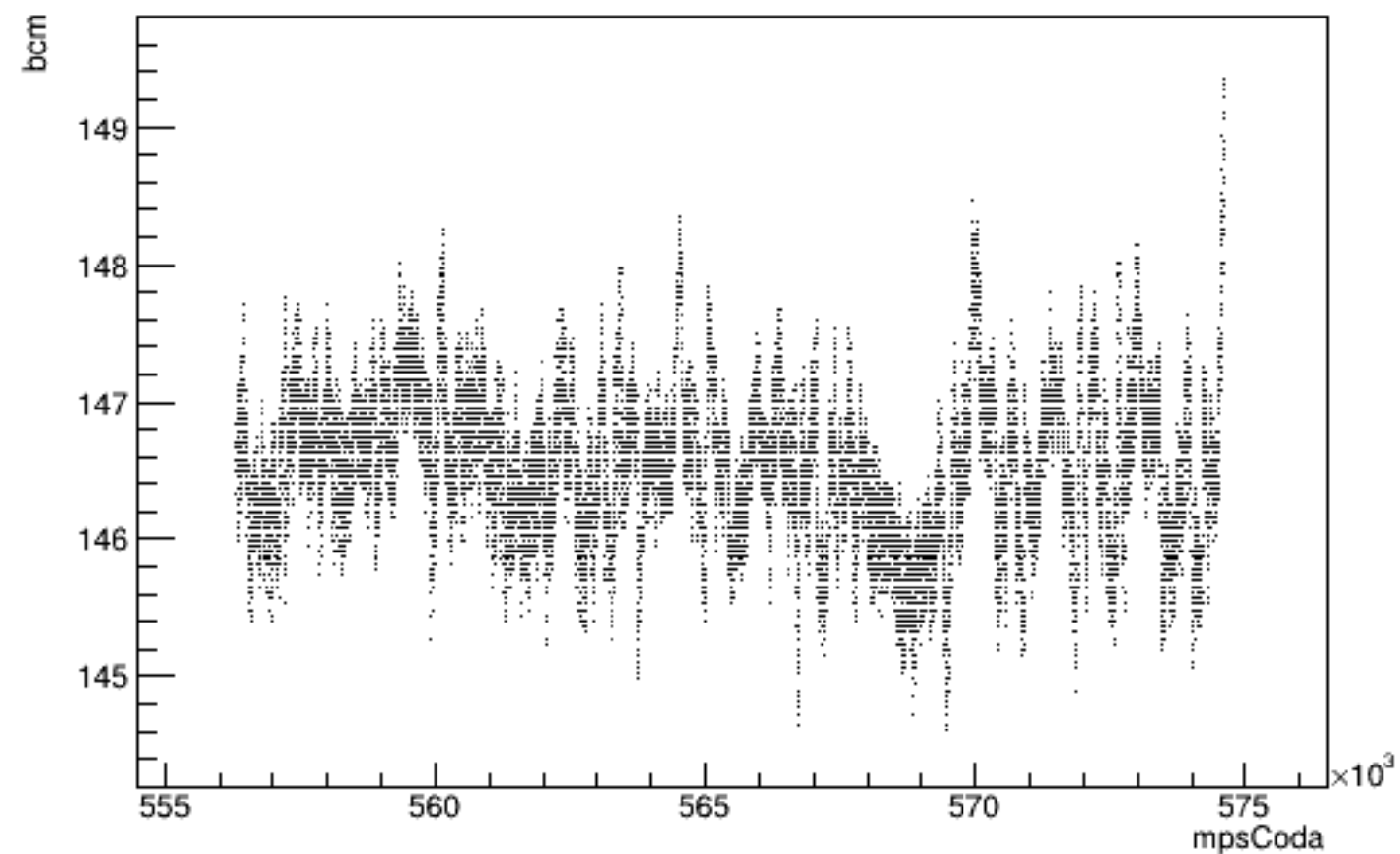
beamState + 1:mpsCoda {mpsCoda>=556322 && mpsCoda<=574597}



cavPowerCalibrated:mpsCoda {mpsCoda>=556322 && mpsCoda<=574597}



bcm:mpsCoda {mpsCoda>=556322 && mpsCoda<=574597}



Cycle 20, Diffs

Entries: 1320

Mean: -0.0303 +/- 0.0096

Std Dev: 0.3494 +/- 0.0068

Entries: 1810

Mean: -0.5374 +/- 0.0108

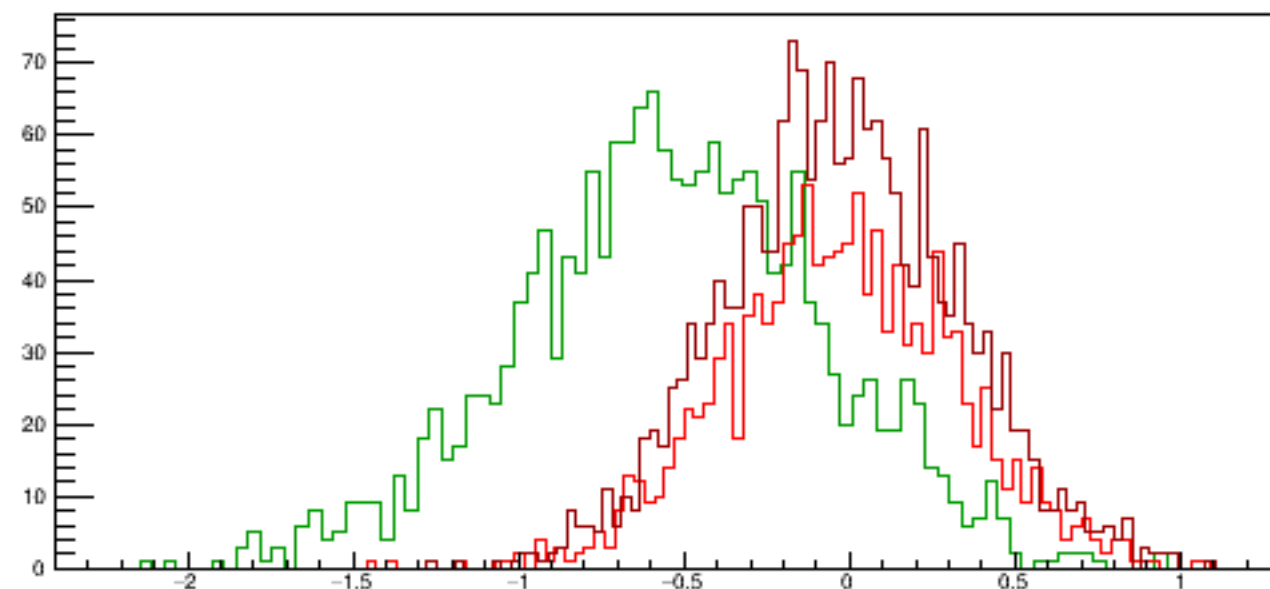
Std Dev: 0.4607 +/- 0.0077

Entries: 1964

Mean: -0.0289 +/- 0.0079

Std Dev: 0.3499 +/- 0.0056

Run 6166 quartetwise, Diffs



Cycle 20, Sums

Entries: 1320

Mean: 6.1457 +/- 0.0108

Std Dev: 0.3930 +/- 0.0076

Entries: 1810

Mean: 22.5342 +/- 0.0118

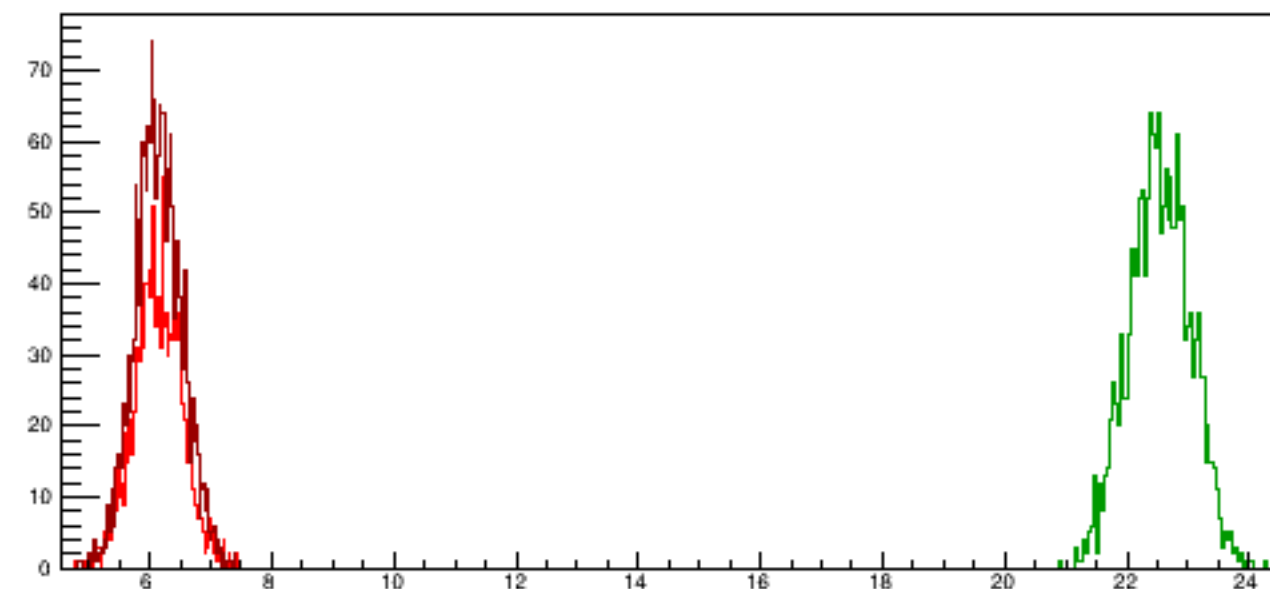
Std Dev: 0.5005 +/- 0.0083

Entries: 1964

Mean: 6.1415 +/- 0.0086

Std Dev: 0.3827 +/- 0.0061

Run 6166 quartetwise, Sums



Cycle 20, Asyms

Entries: 1320

Mean: -0.0018 +/- 0.0006

Std Dev: 0.0213 +/- 0.0004

Entries: 1810

Mean: -0.0328 +/- 0.0007

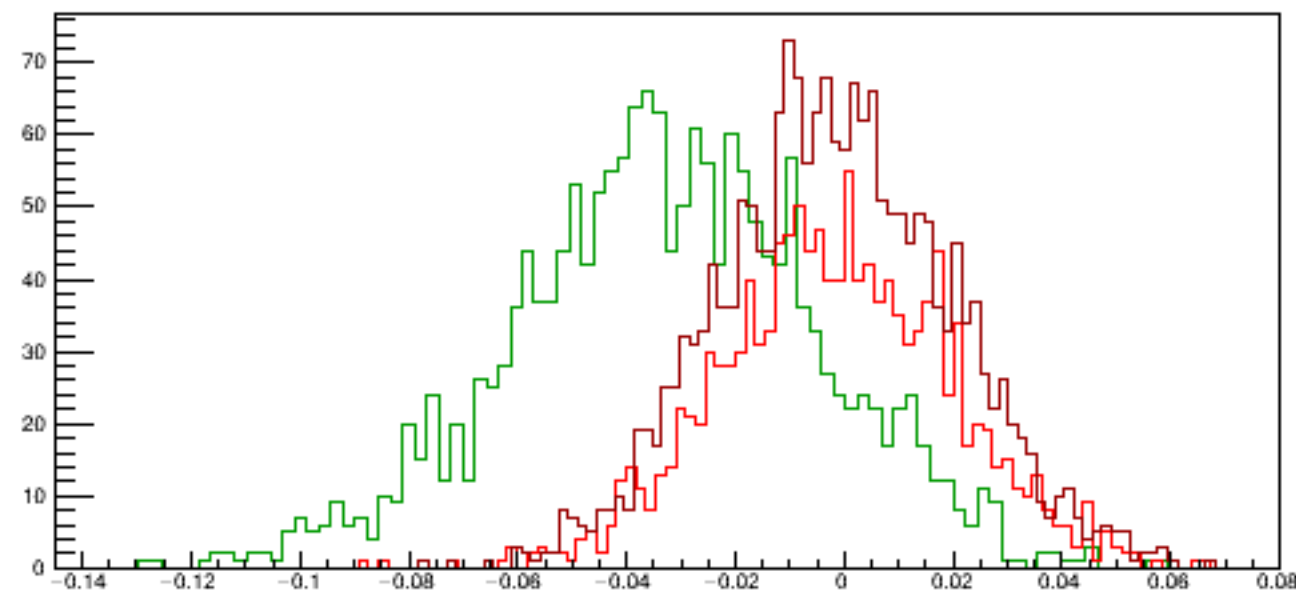
Std Dev: 0.0281 +/- 0.0005

Entries: 1964

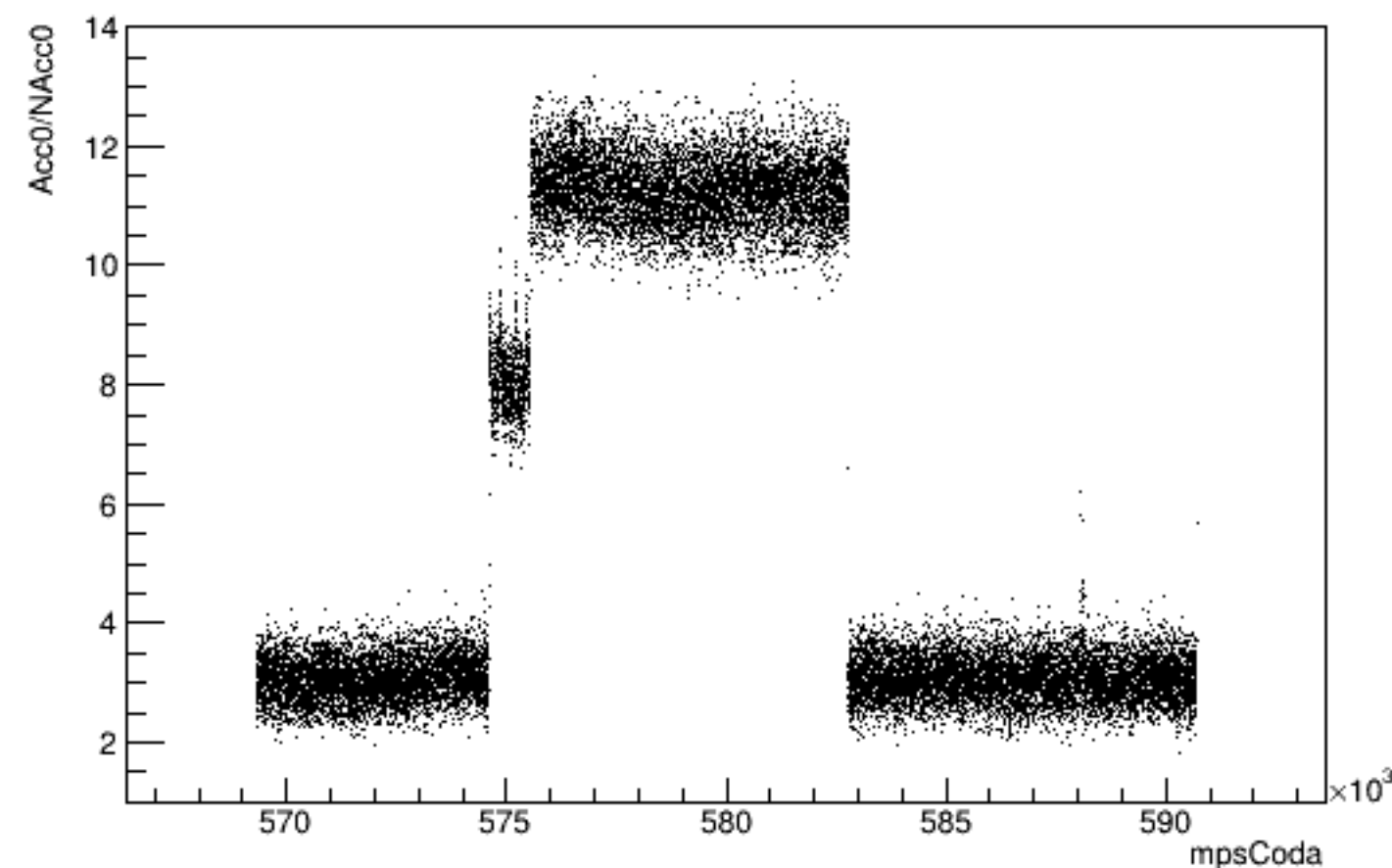
Mean: -0.0018 +/- 0.0005

Std Dev: 0.0213 +/- 0.0003

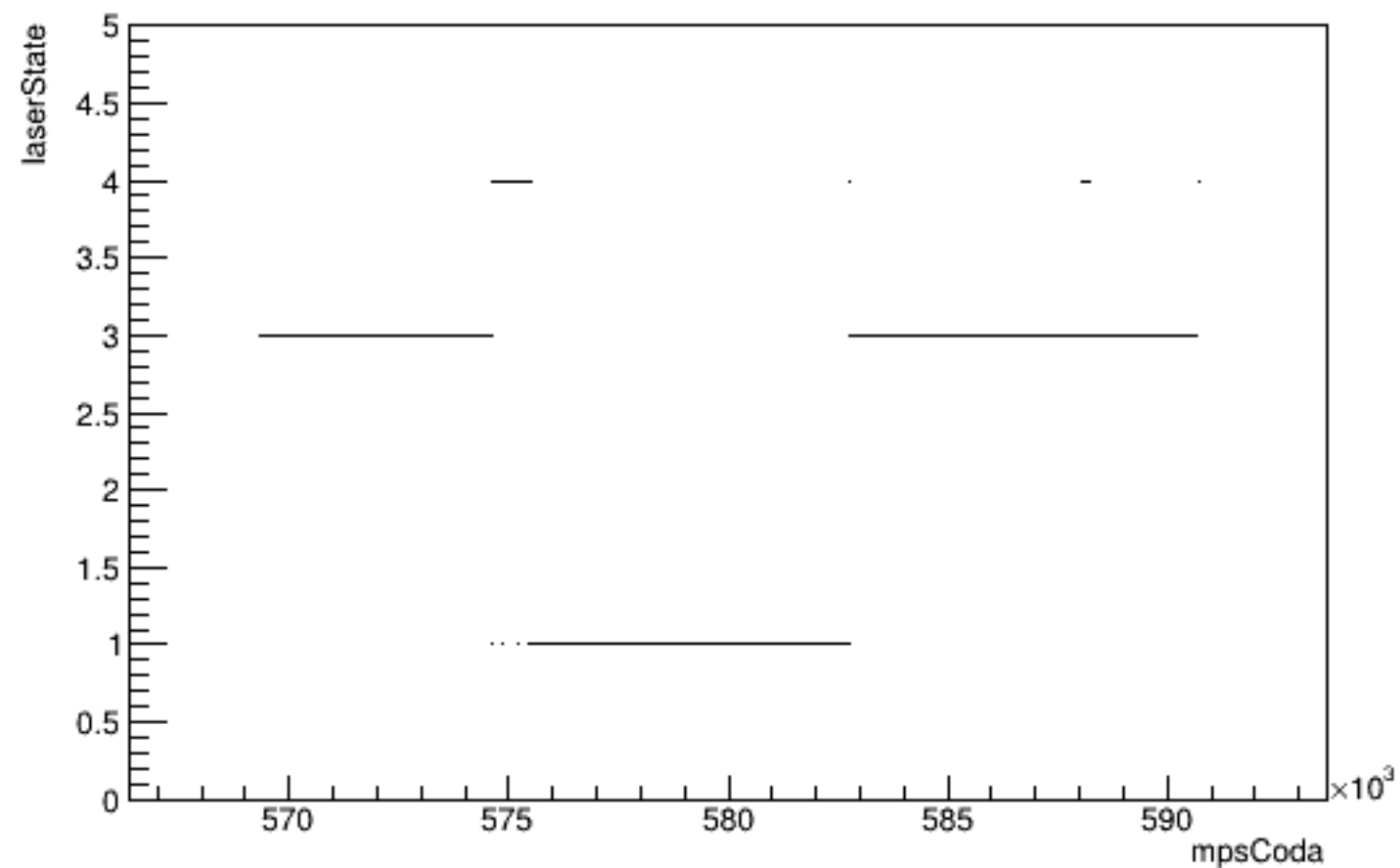
Run 6166 quartetwise, Asyms



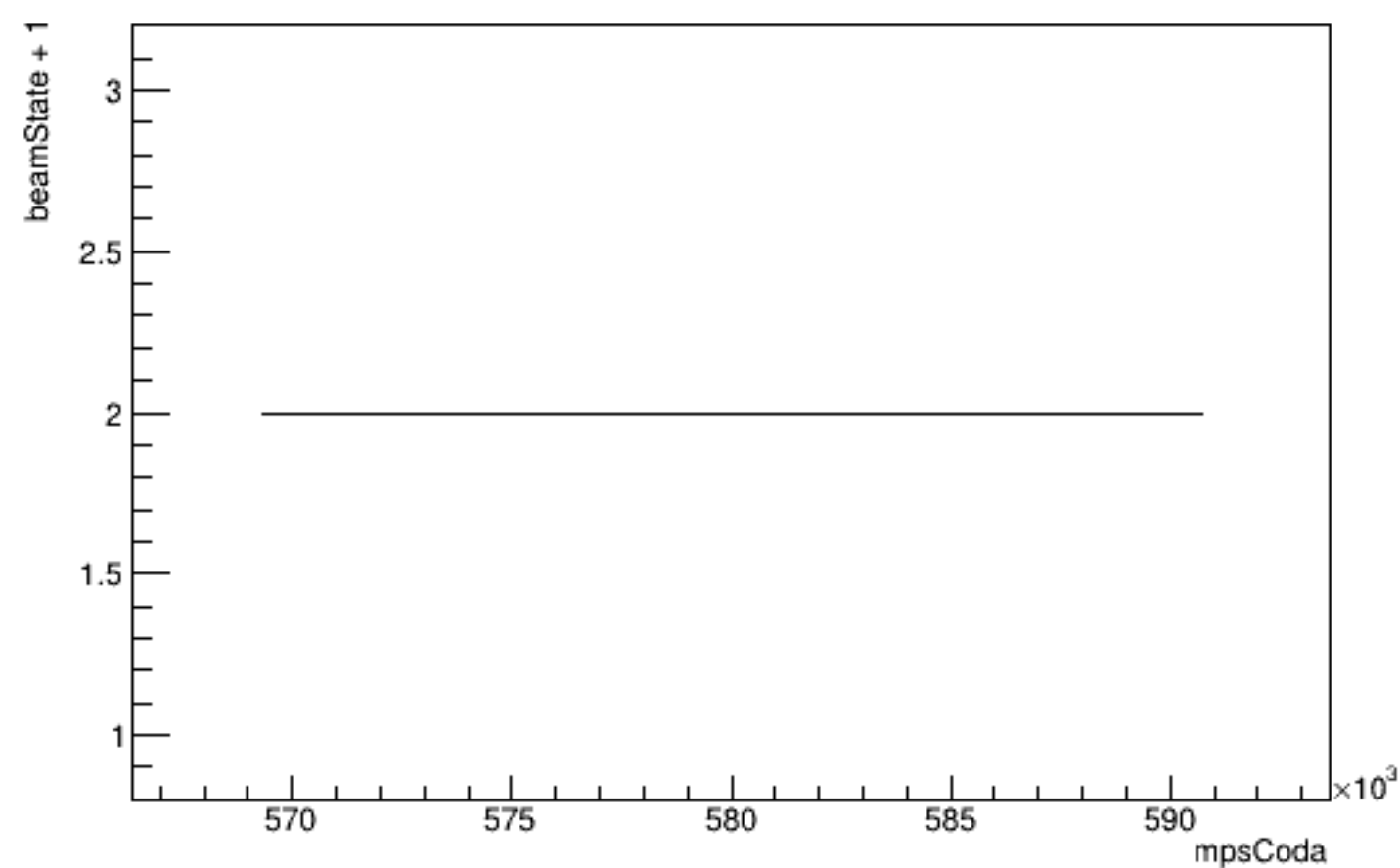
Acc0/NAcc0:mpsCoda (mpsCoda>=569310 && mpsCoda<=590701 && beamState==1)



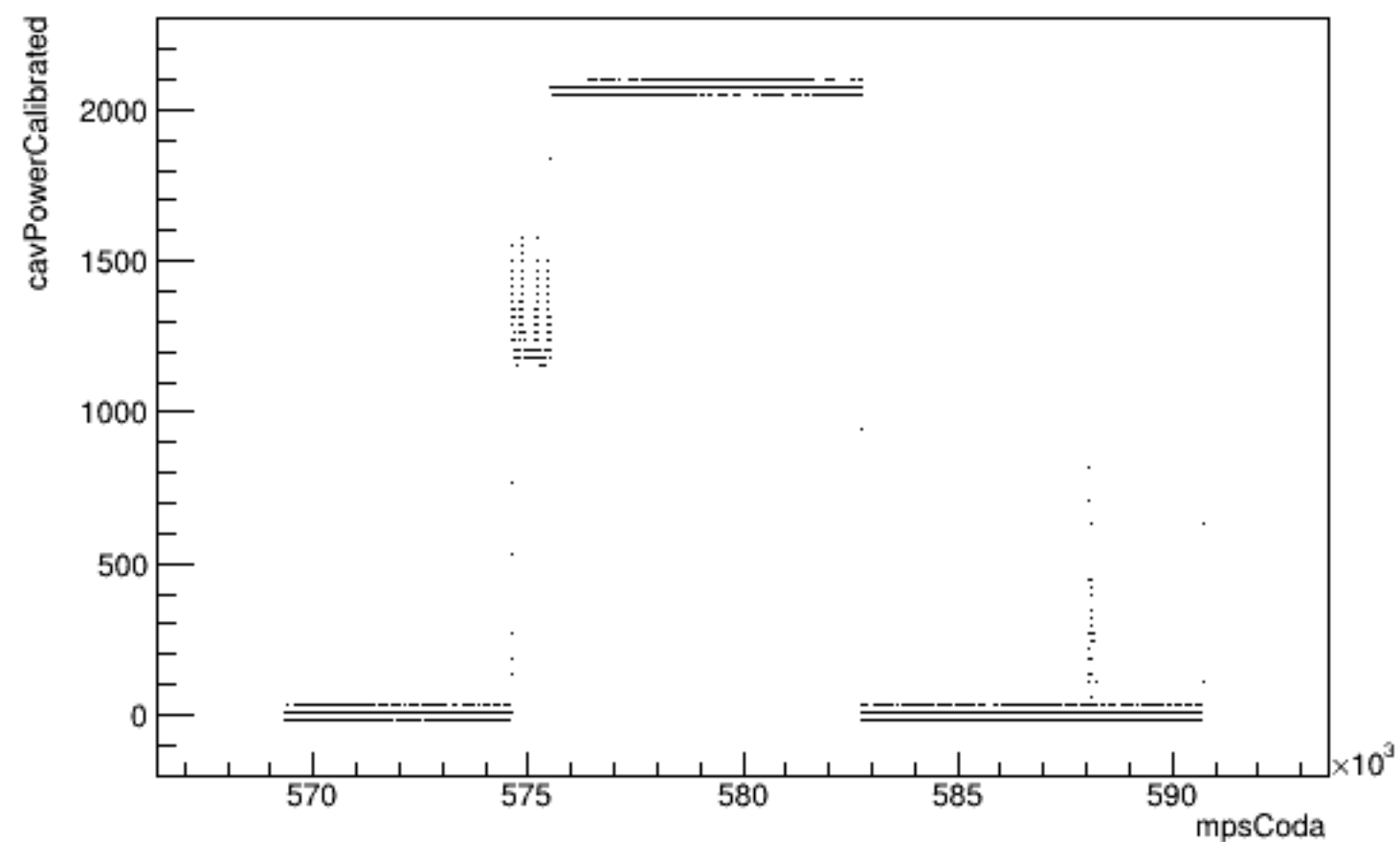
laserState:mpsCoda {mpsCoda>=569310 && mpsCoda<=590701}



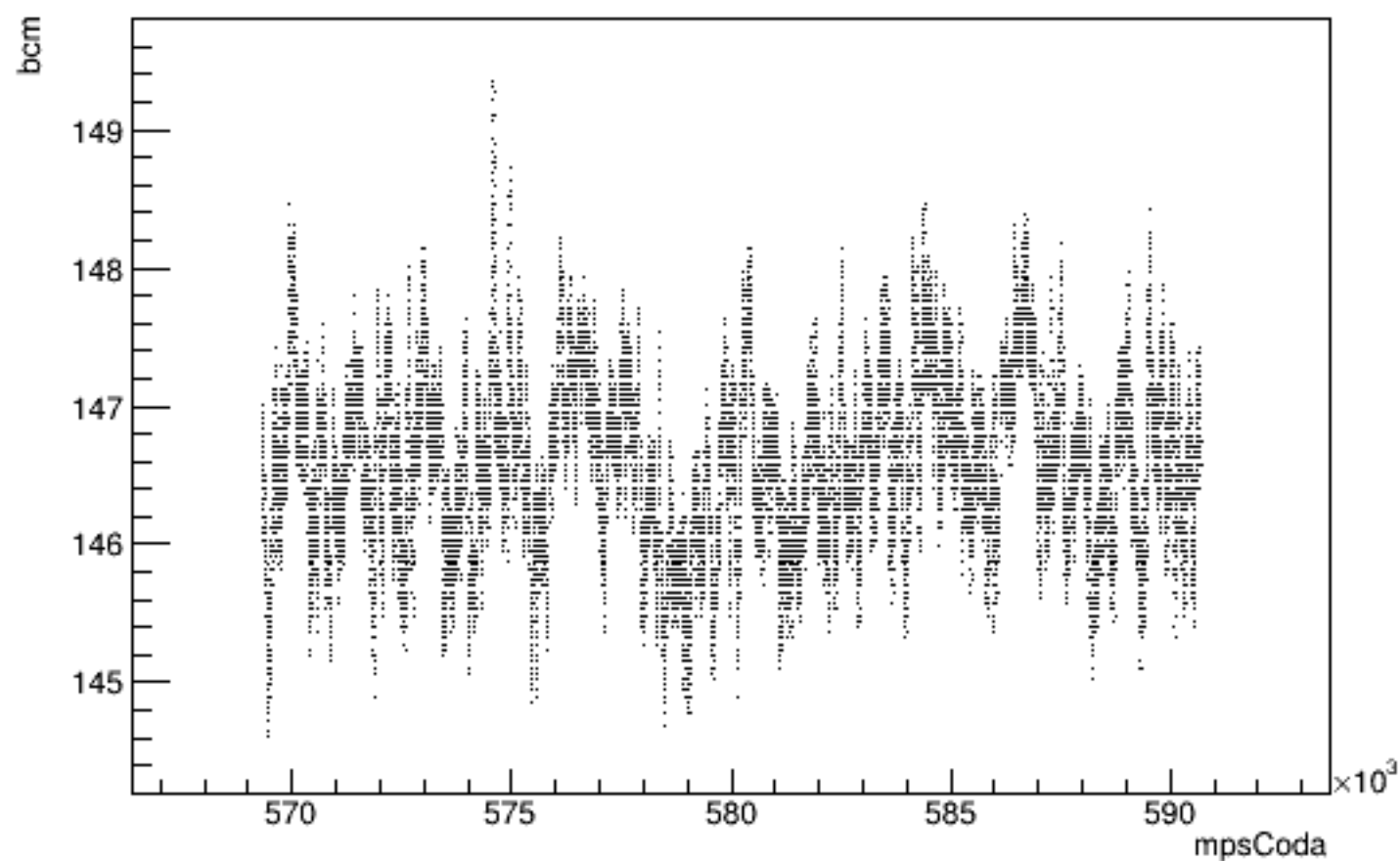
beamState + 1:mpsCoda {mpsCoda>=569310 && mpsCoda<=590701}



cavPowerCalibrated:mpsCoda {mpsCoda>=569310 && mpsCoda<=590701}



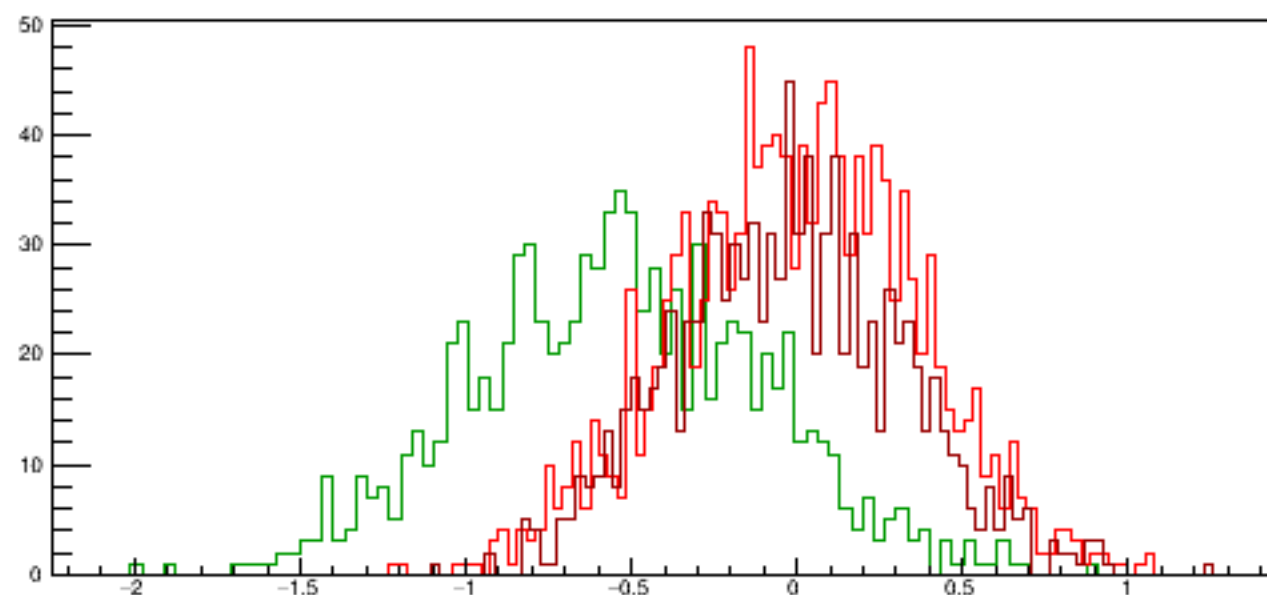
bcm:mpsCoda {mpsCoda>=569310 && mpsCoda<=590701}



Cycle 21, Diffs

Entries: 1323	Entries: 924	Entries: 1018
Mean: -0.0033 +/- 0.0100	Mean: -0.5410 +/- 0.0145	Mean: -0.0280 +/- 0.0108
Std Dev: 0.3654 +/- 0.0071	Std Dev: 0.4418 +/- 0.0103	Std Dev: 0.3450 +/- 0.0076

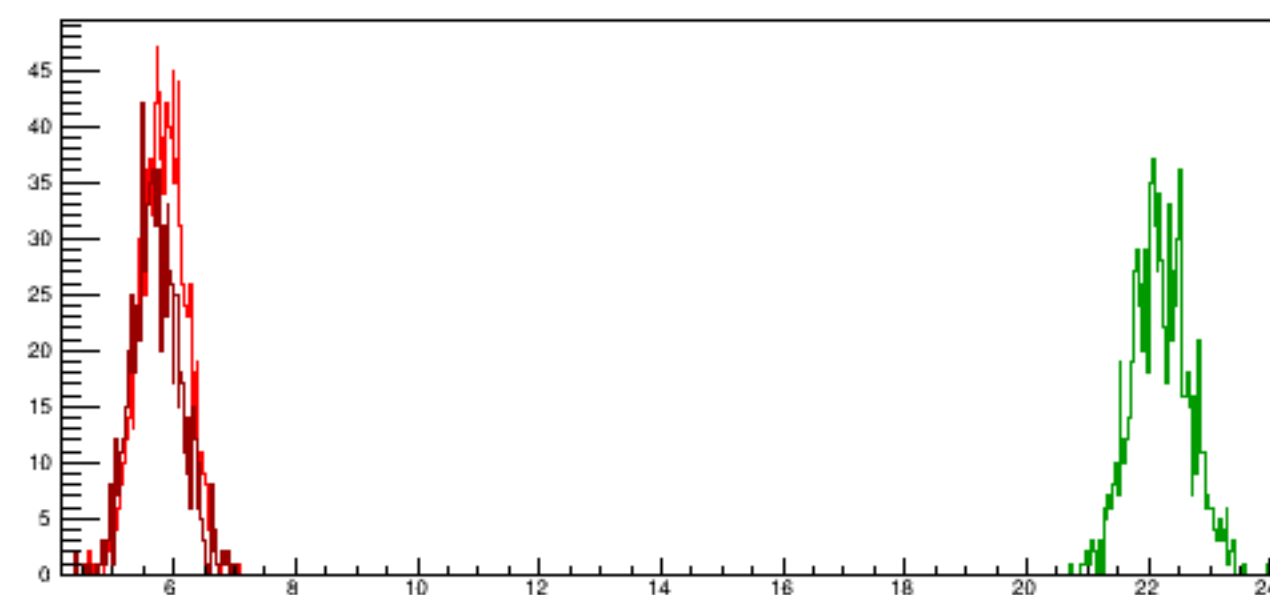
Run 6166 quartetwise, Diffs



Cycle 21, Sums

Entries: 1323	Entries: 924	Entries: 1018
Mean: 5.8351 +/- 0.0104	Mean: 22.1911 +/- 0.0156	Mean: 5.7170 +/- 0.0125
Std Dev: 0.3778 +/- 0.0073	Std Dev: 0.4743 +/- 0.0110	Std Dev: 0.3995 +/- 0.0089

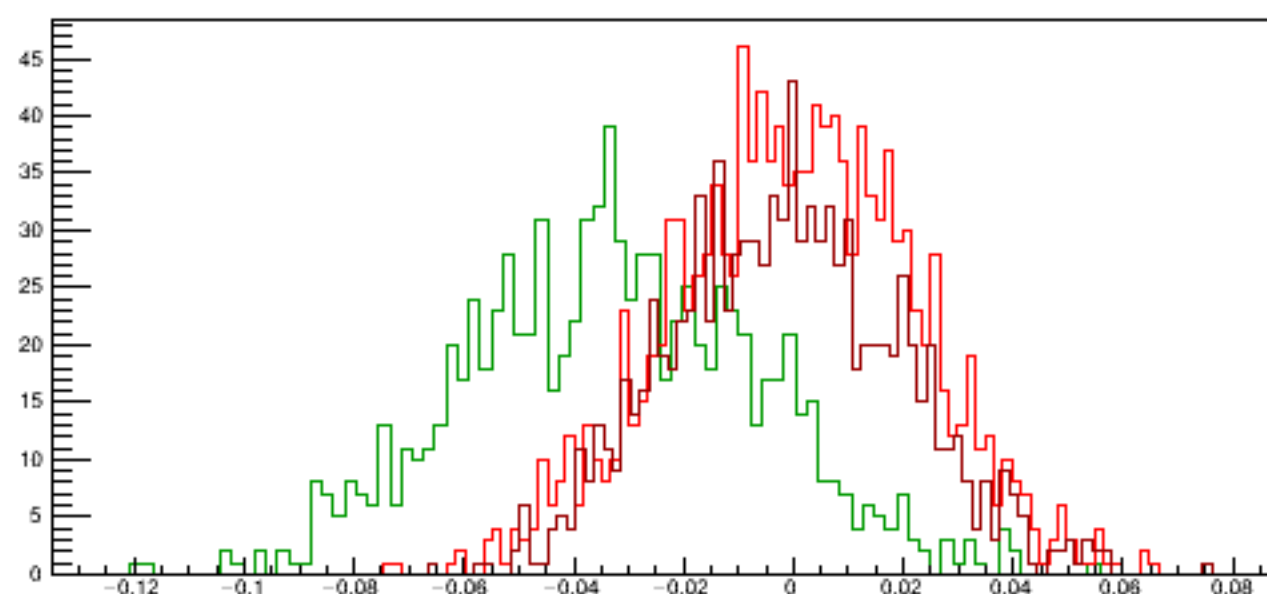
Run 6166 quartetwise, Sums



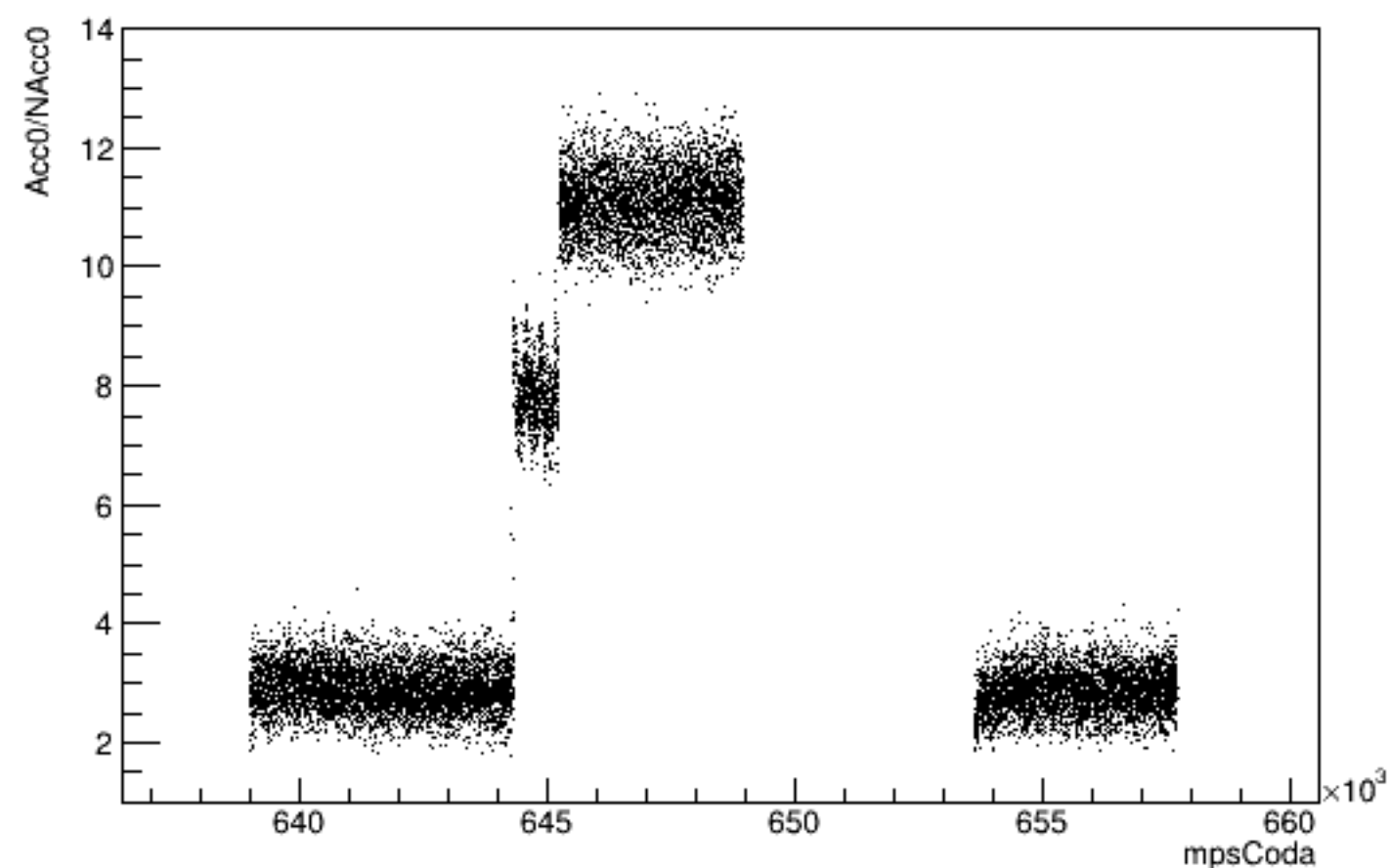
Cycle 21, Asyms

Entries: 1323	Entries: 924	Entries: 1018
Mean: -0.0002 +/- 0.0006	Mean: -0.0329 +/- 0.0009	Mean: -0.0017 +/- 0.0007
Std Dev: 0.0223 +/- 0.0004	Std Dev: 0.0269 +/- 0.0006	Std Dev: 0.0210 +/- 0.0005

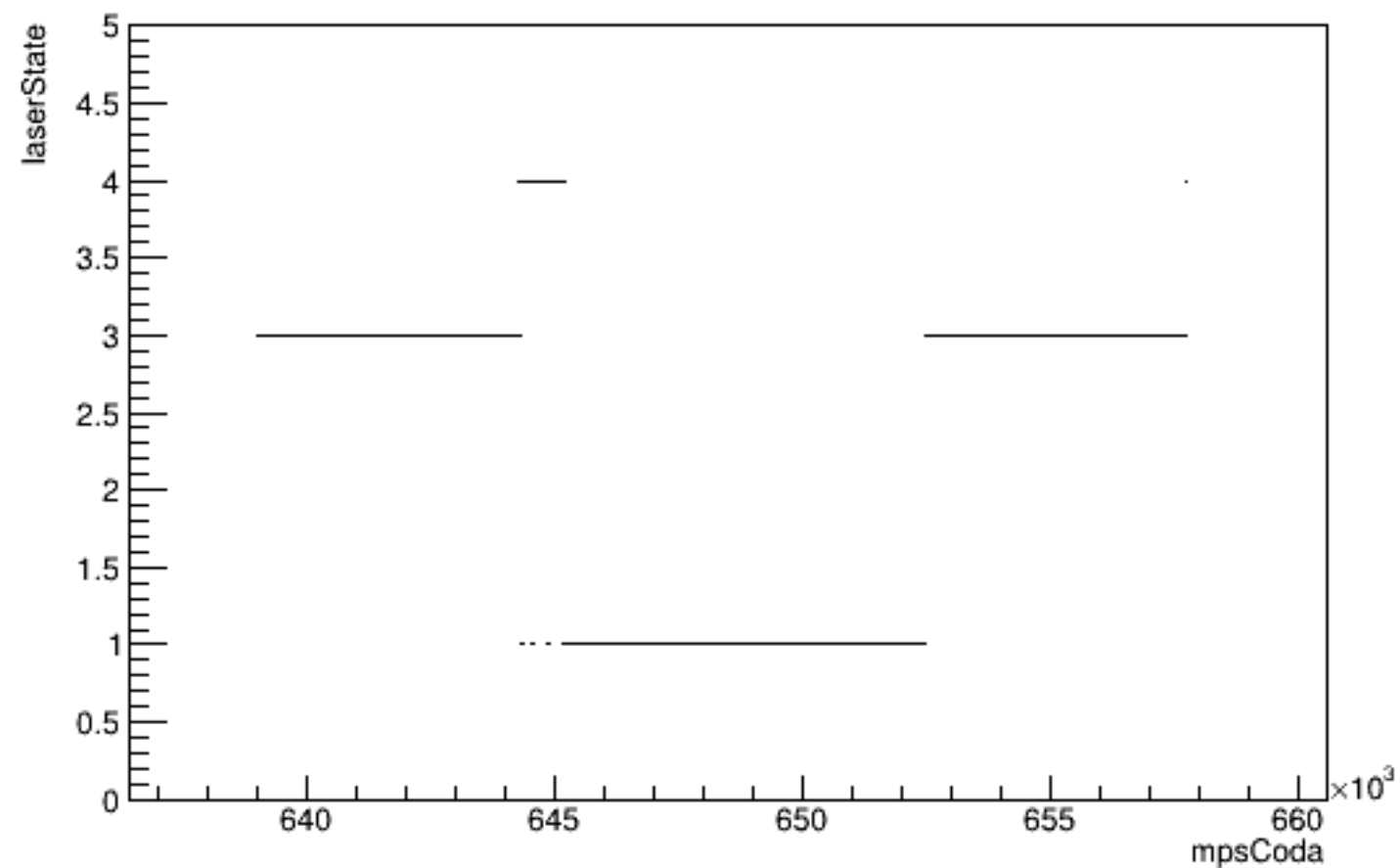
Run 6166 quartetwise, Asyms



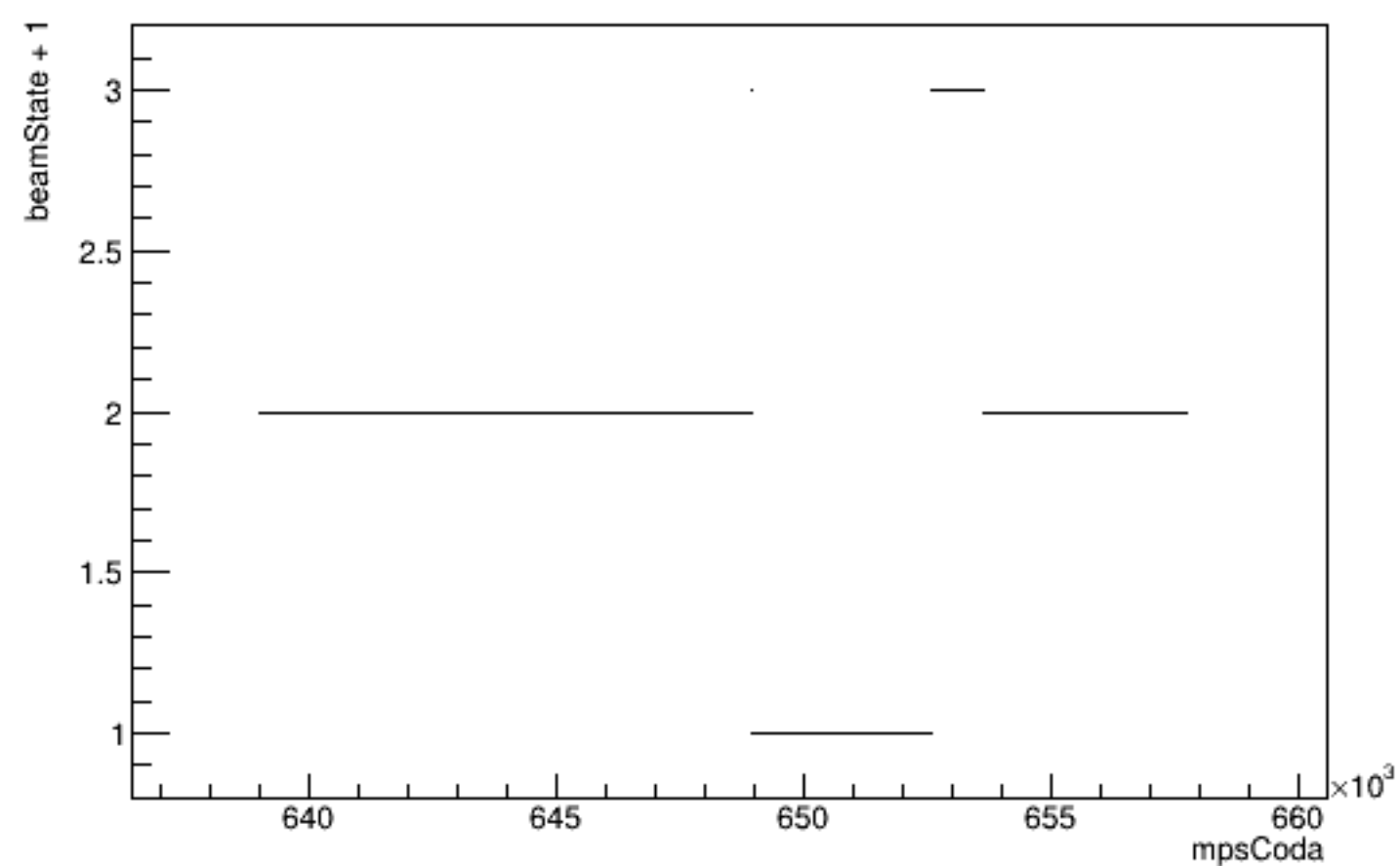
Acc0/NAcc0:mpsCoda (mpsCoda>=639010 && mpsCoda<=657705 && beamState==1)



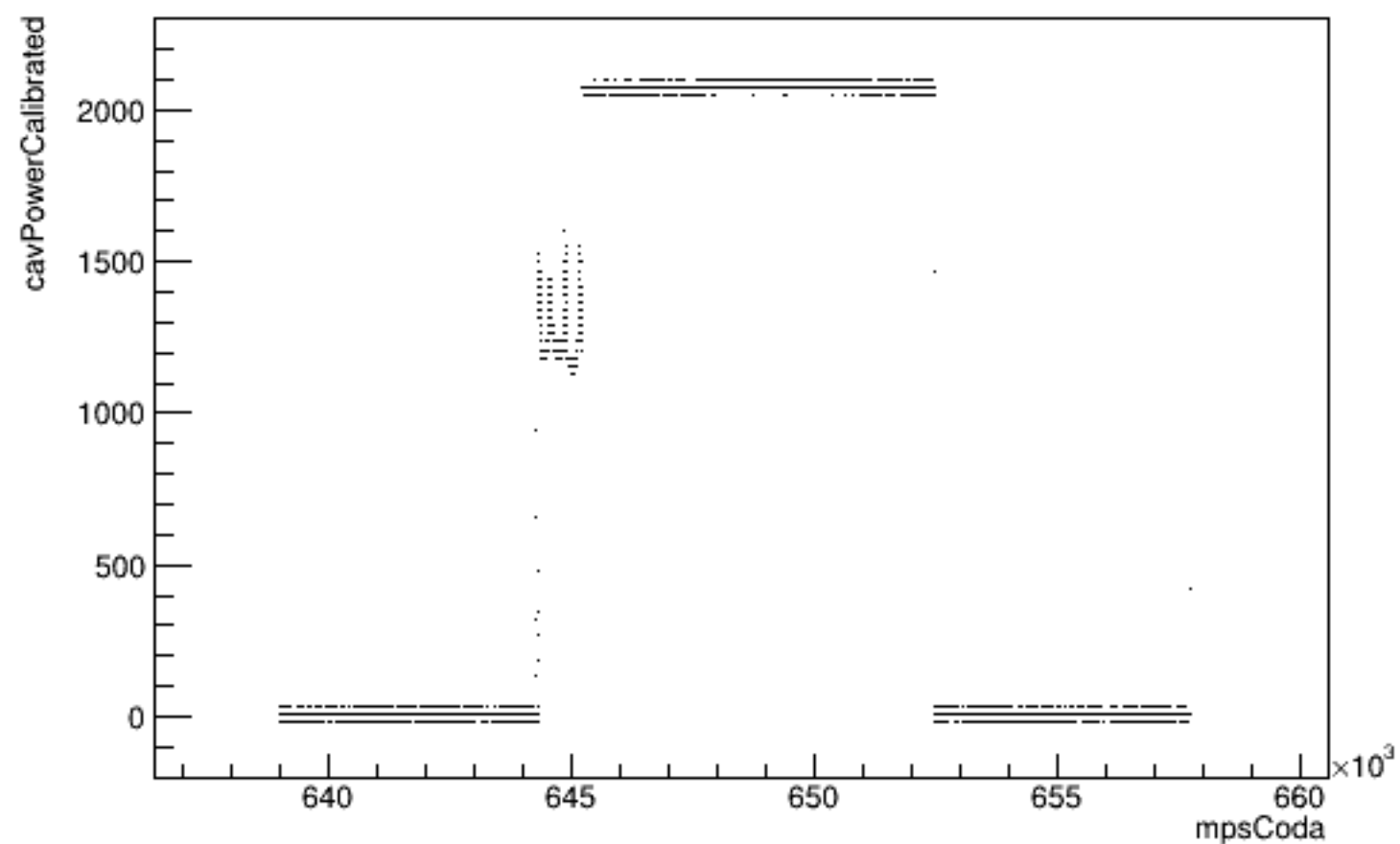
laserState:mpsCoda {mpsCoda>=639010 && mpsCoda<=657705}



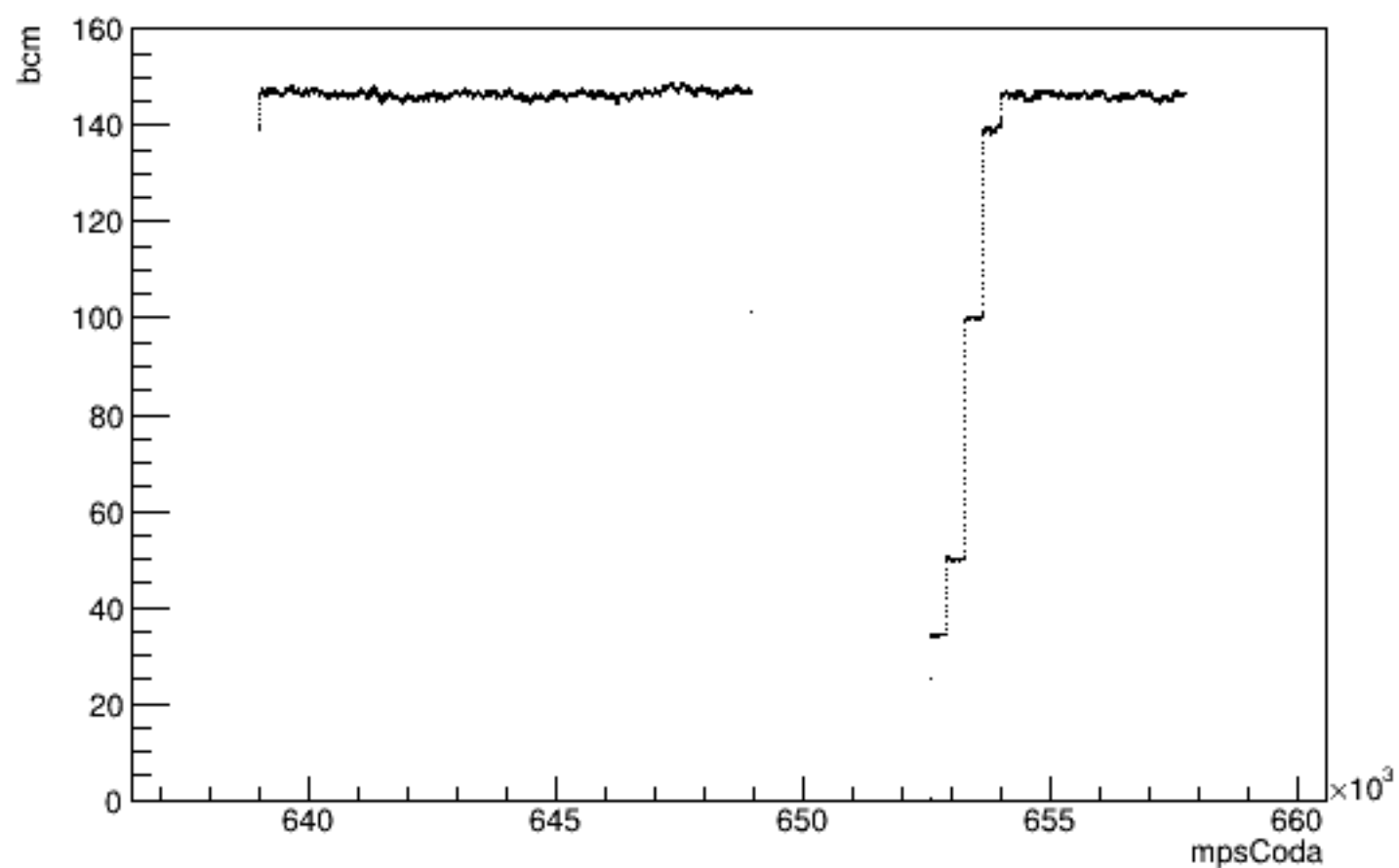
beamState + 1:mpsCoda {mpsCoda>=639010 && mpsCoda<=657705}



cavPowerCalibrated:mpsCoda {mpsCoda>=639010 && mpsCoda<=657705}



bcm:mpsCoda {mpsCoda>=639010 && mpsCoda<=657705}



Cycle 22, Diffs

Entries: 1018

Mean: -0.0280 +/- 0.0108

Std Dev: 0.3450 +/- 0.0076

Entries: 1806

Mean: -0.5427 +/- 0.0106

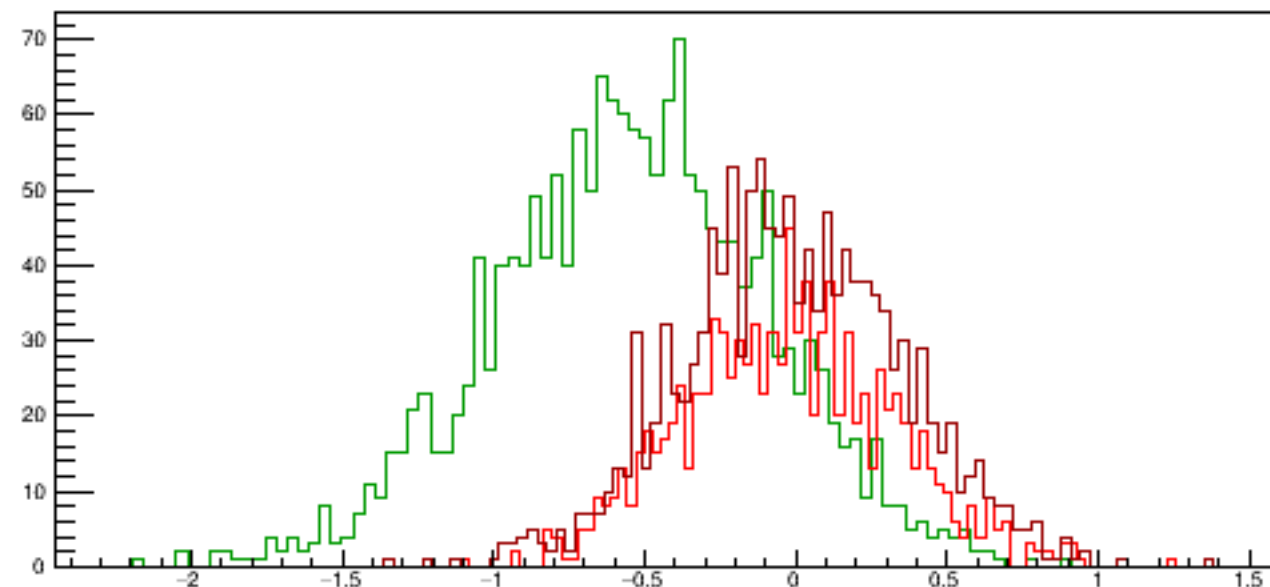
Std Dev: 0.4522 +/- 0.0075

Entries: 1319

Mean: -0.0164 +/- 0.0100

Std Dev: 0.3634 +/- 0.0071

Run 6166 quartetwise, Diffs



Cycle 22, Sums

Entries: 1018

Mean: 5.7170 +/- 0.0125

Std Dev: 0.3995 +/- 0.0089

Entries: 1806

Mean: 22.3927 +/- 0.0118

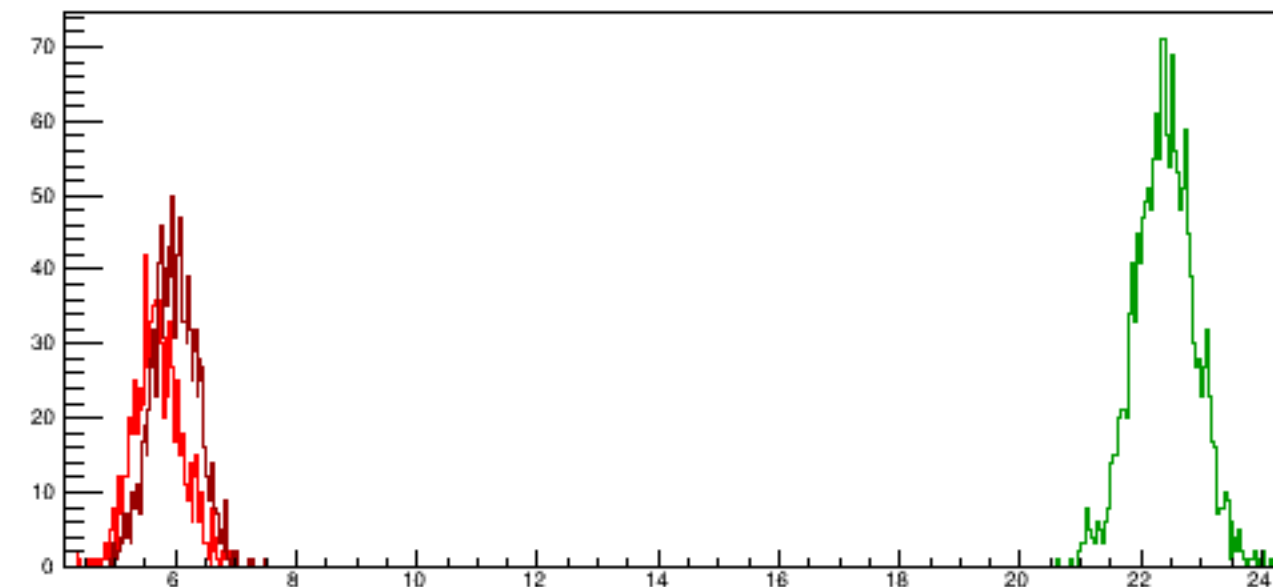
Std Dev: 0.5012 +/- 0.0083

Entries: 1319

Mean: 5.9883 +/- 0.0103

Std Dev: 0.3734 +/- 0.0073

Run 6166 quartetwise, Sums



Cycle 22, Asyms

Entries: 1018

Mean: -0.0017 +/- 0.0007

Std Dev: 0.0209 +/- 0.0005

Entries: 1806

Mean: -0.0328 +/- 0.0006

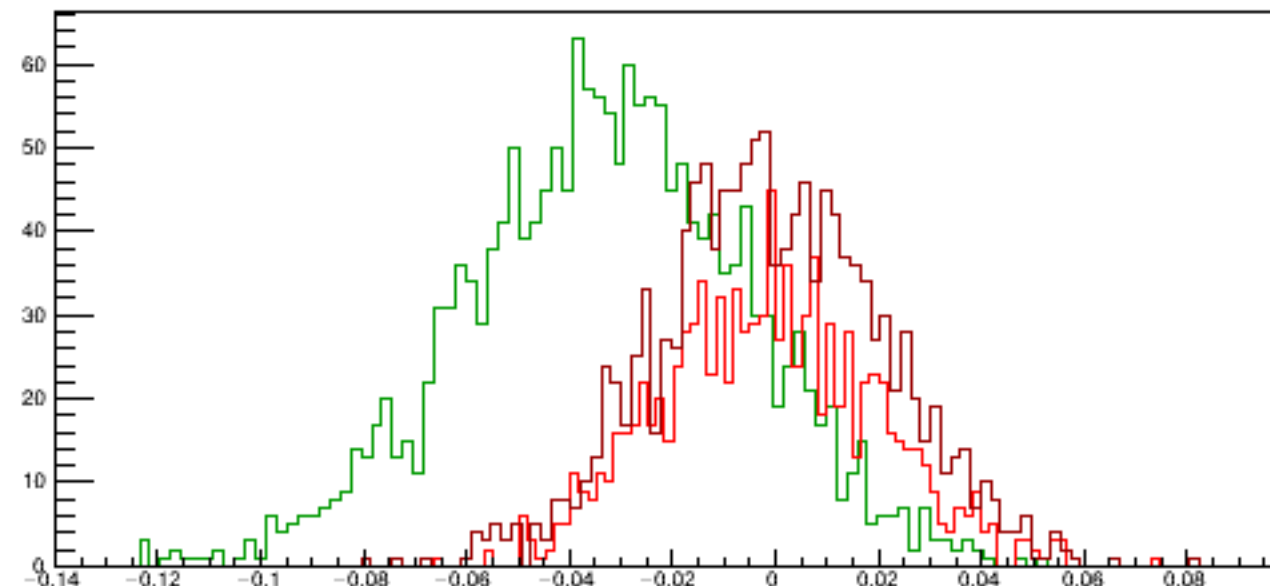
Std Dev: 0.0274 +/- 0.0005

Entries: 1319

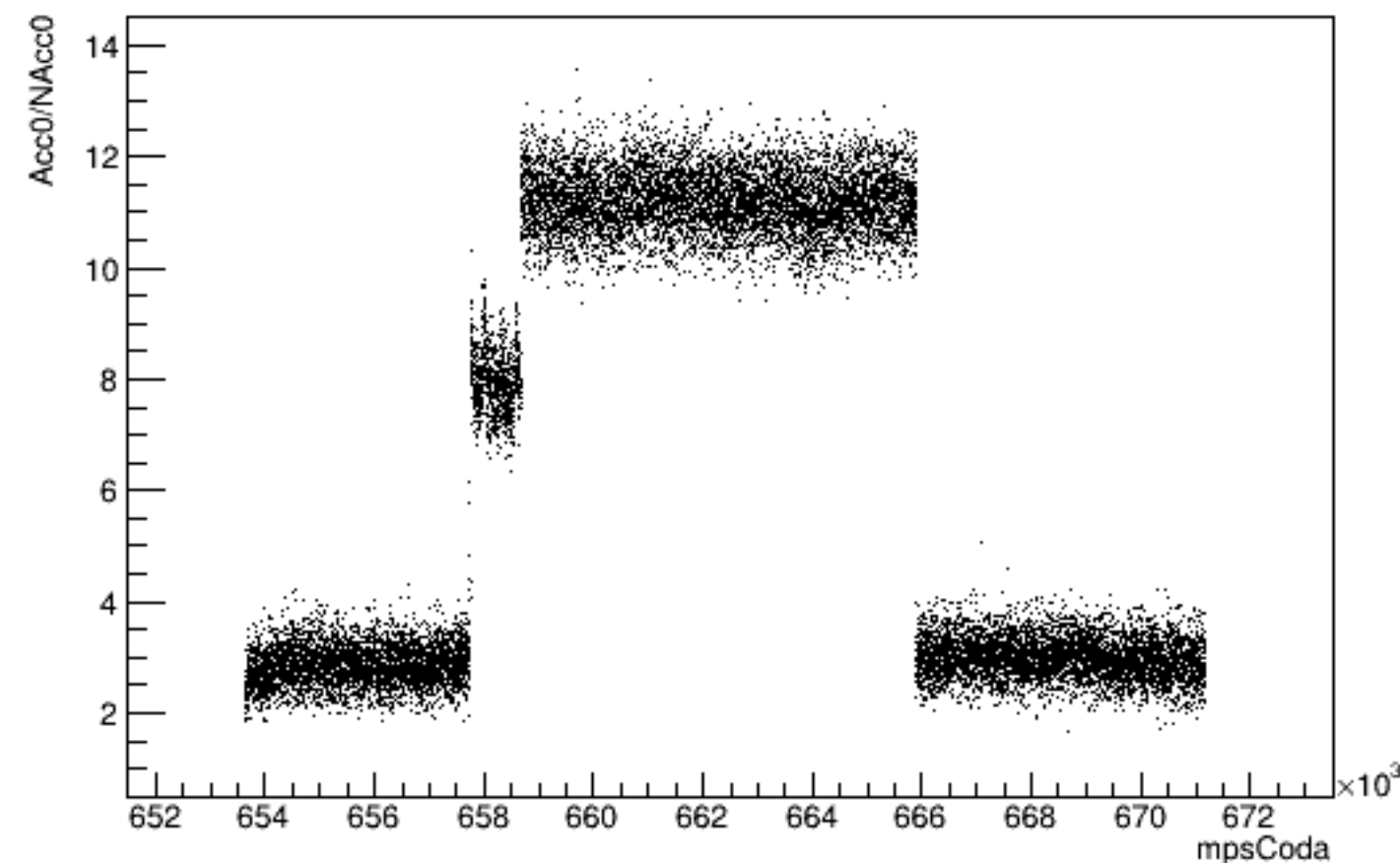
Mean: -0.0010 +/- 0.0006

Std Dev: 0.0220 +/- 0.0004

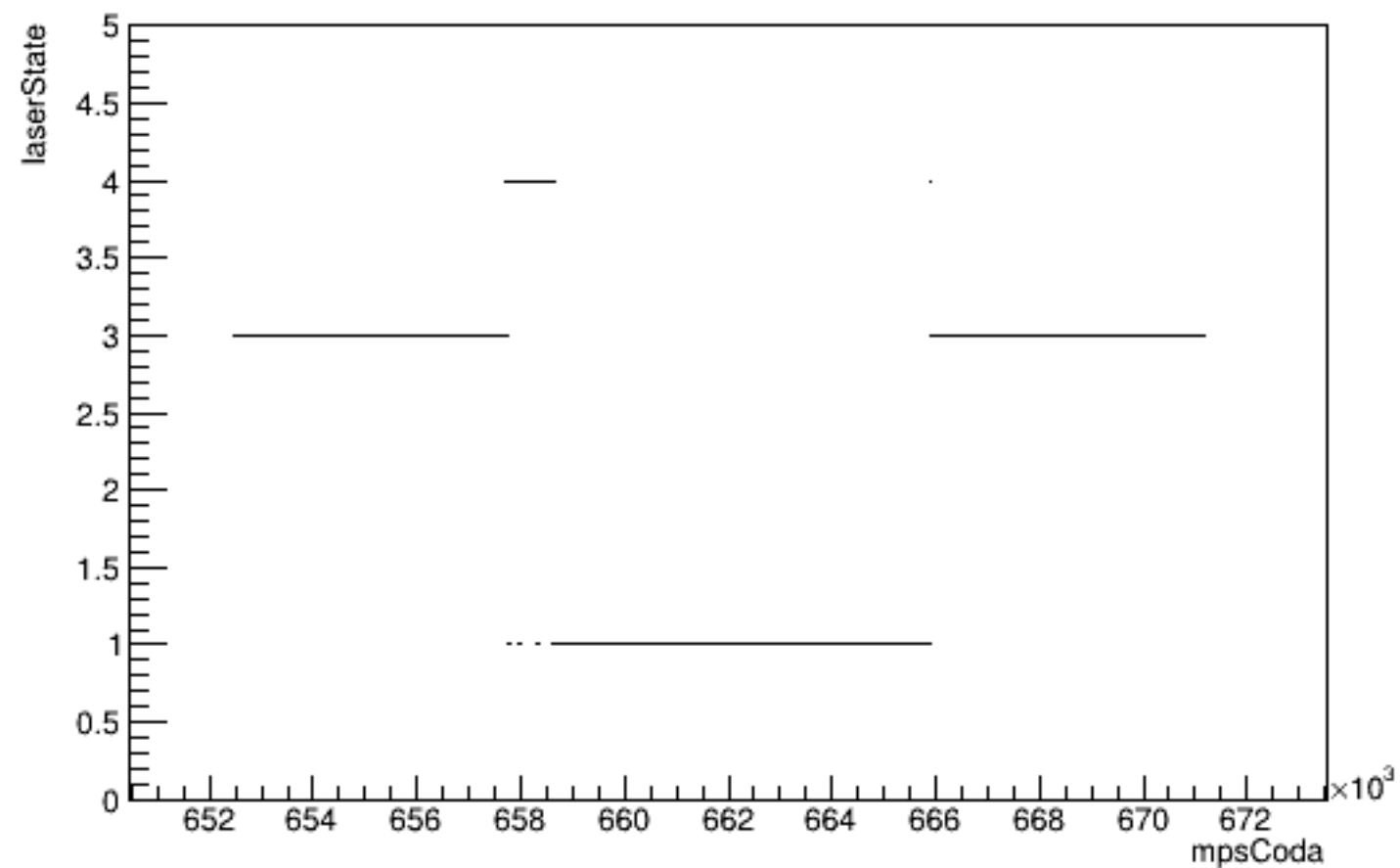
Run 6166 quartetwise, Asyms



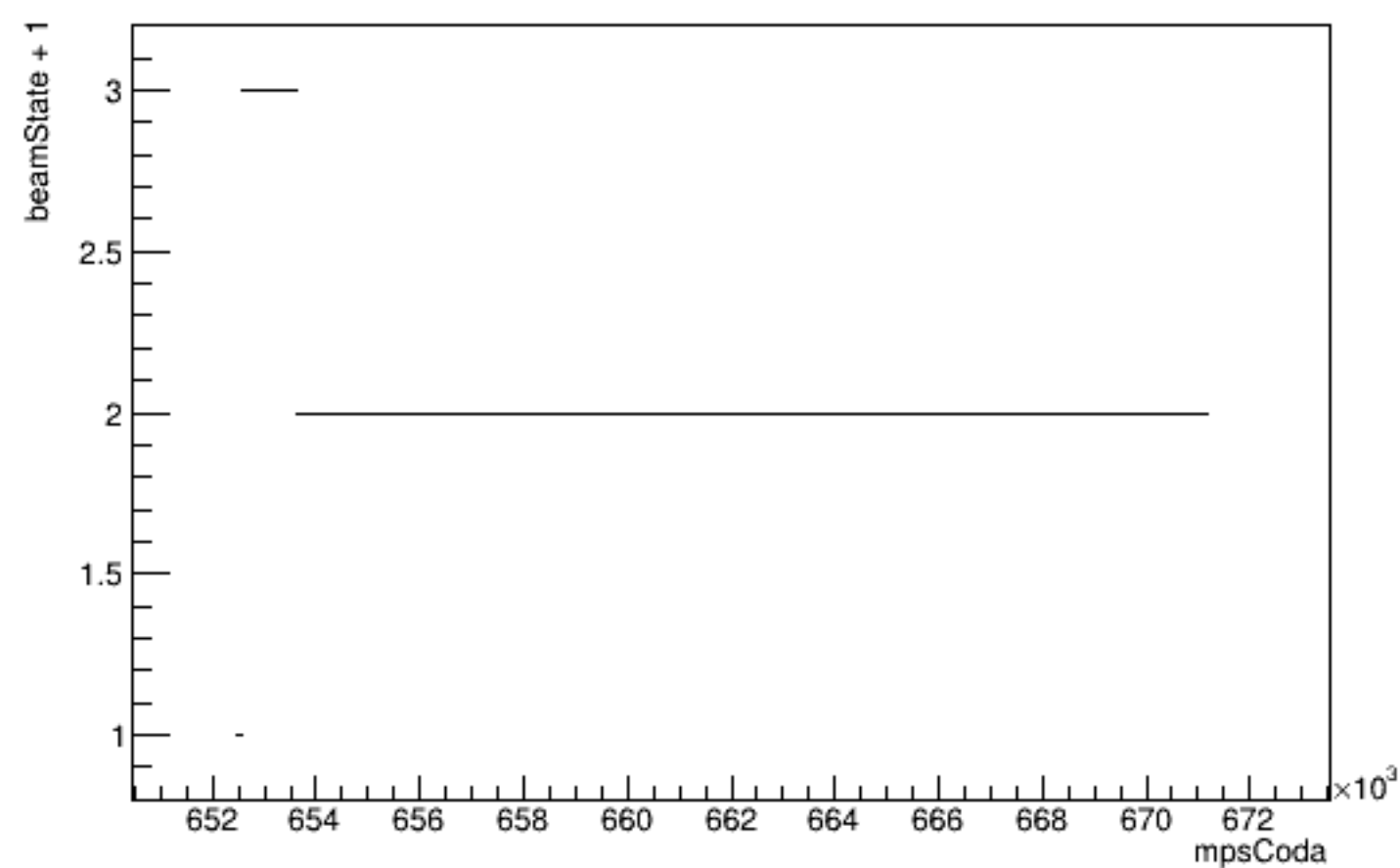
Acc0/NAcc0:mpsCoda (mpsCoda>=652470 && mpsCoda<=671173 && beamState==1)



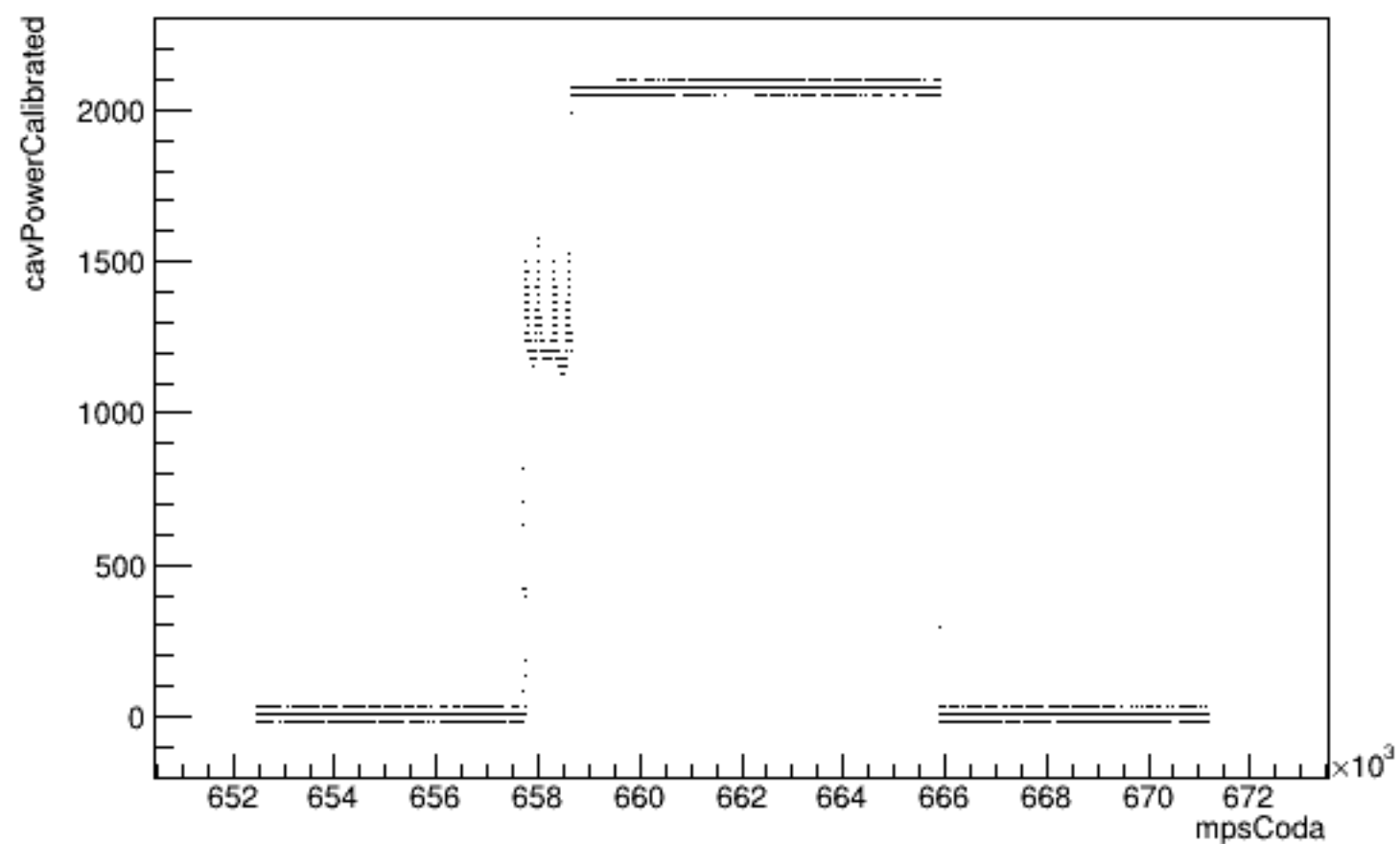
laserState:mpsCoda {mpsCoda>=652470 && mpsCoda<=671173}



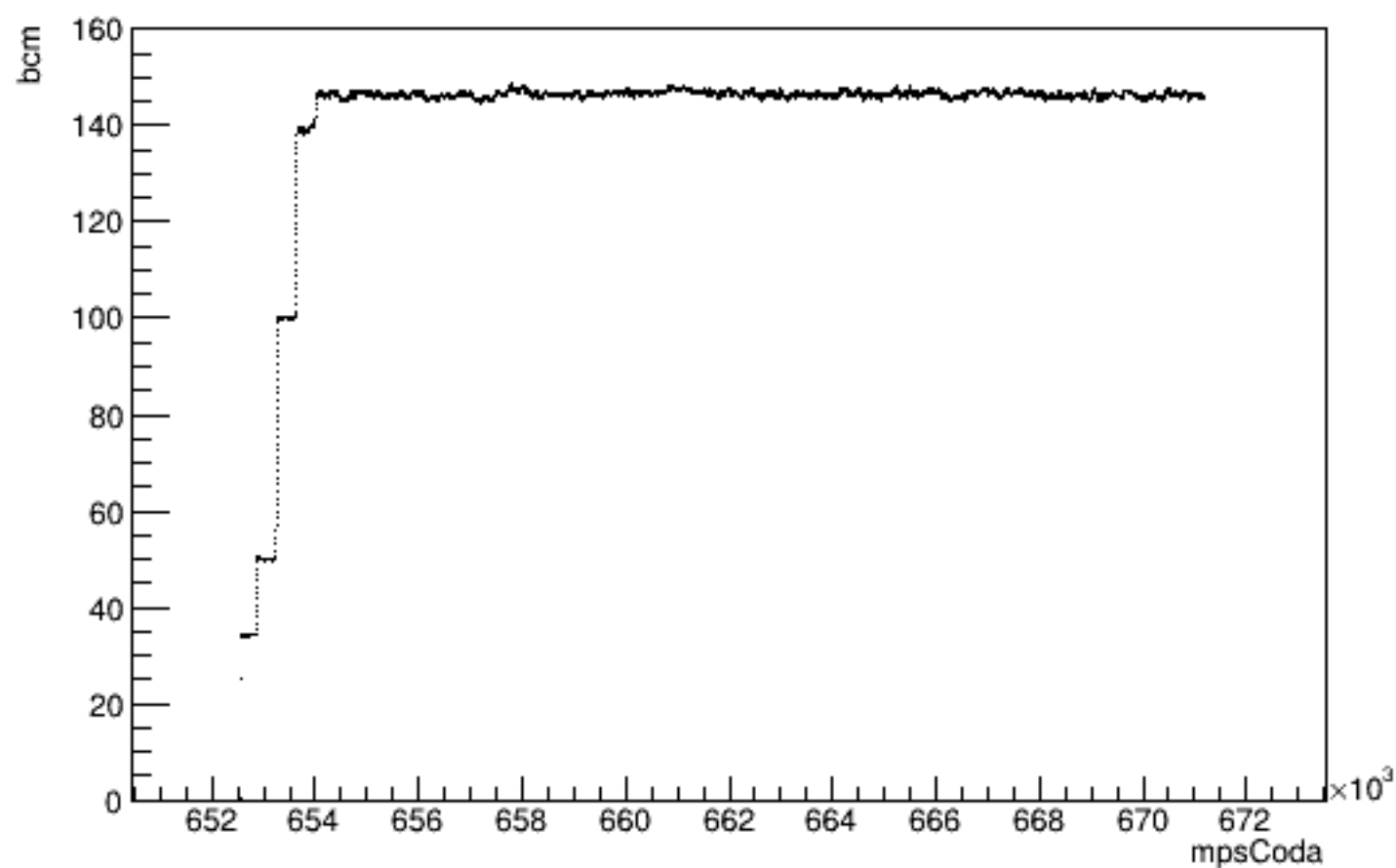
beamState + 1:mpsCoda {mpsCoda>=652470 && mpsCoda<=671173}



cavPowerCalibrated:mpsCoda {mpsCoda>=652470 && mpsCoda<=671173}



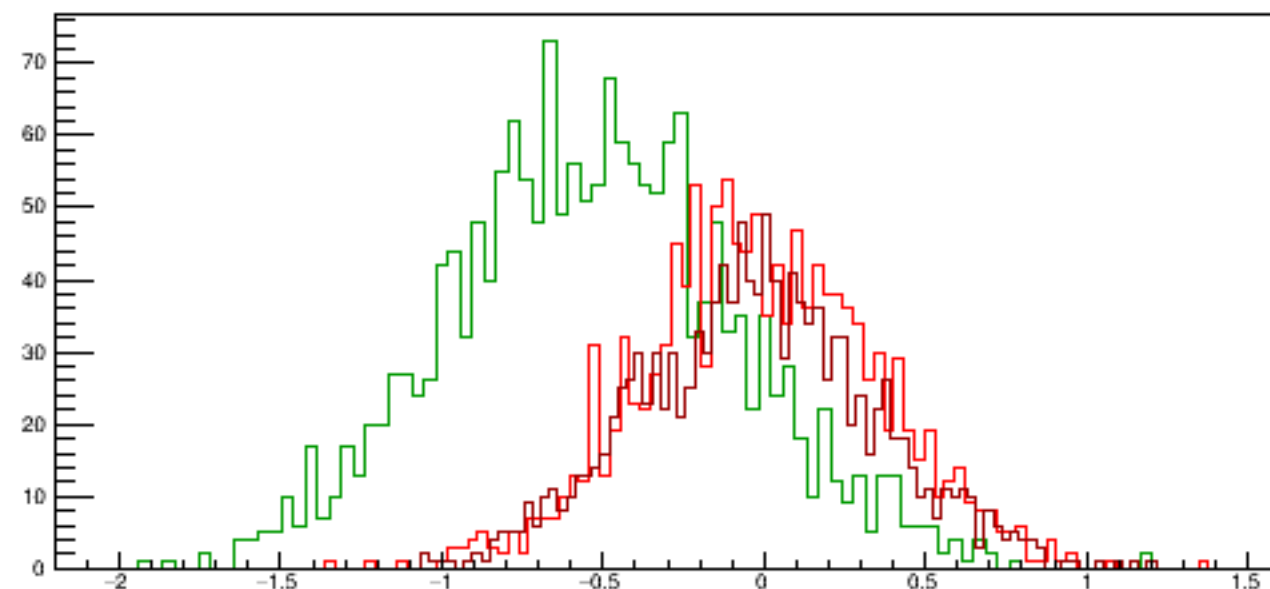
bcm:mpsCoda {mpsCoda>=652470 && mpsCoda<=671173}



Cycle 23, Diffs

Entries: 1319	Entries: 1806	Entries: 1323
Mean: -0.0164 +/- 0.0100	Mean: -0.5303 +/- 0.0106	Mean: -0.0273 +/- 0.0100
Std Dev: 0.3634 +/- 0.0071	Std Dev: 0.4502 +/- 0.0075	Std Dev: 0.3636 +/- 0.0071

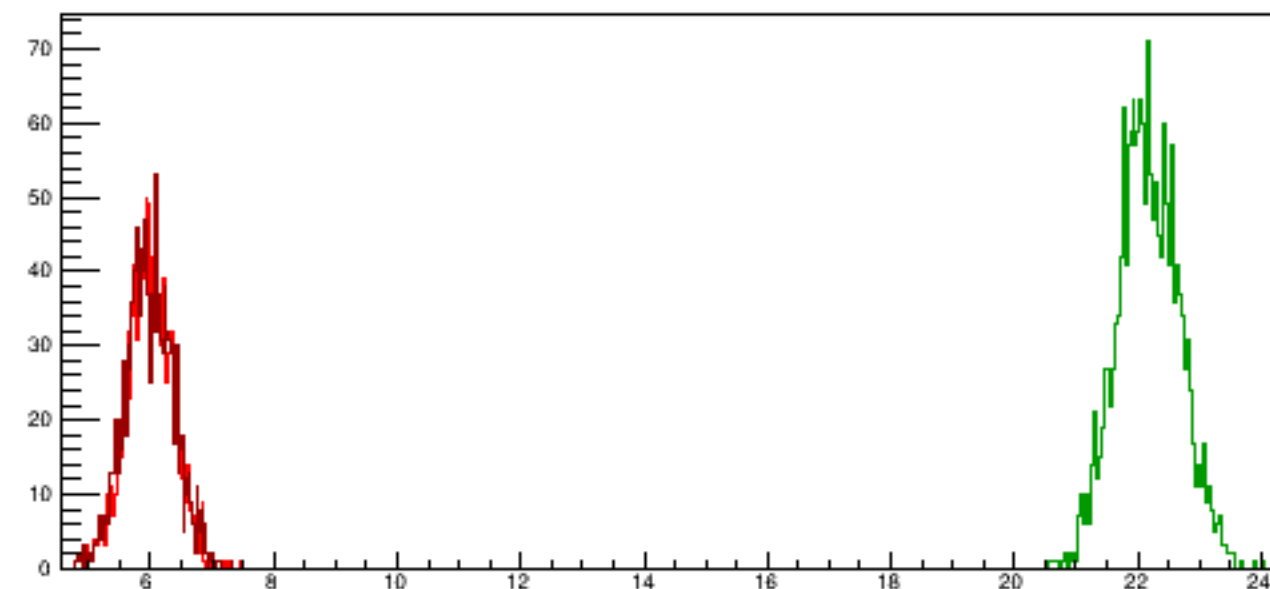
Run 6166 quartetwise, Diffs



Cycle 23, Sums

Entries: 1319	Entries: 1806	Entries: 1323
Mean: 5.9883 +/- 0.0103	Mean: 22.1663 +/- 0.0118	Mean: 5.9799 +/- 0.0107
Std Dev: 0.3734 +/- 0.0073	Std Dev: 0.5009 +/- 0.0083	Std Dev: 0.3875 +/- 0.0075

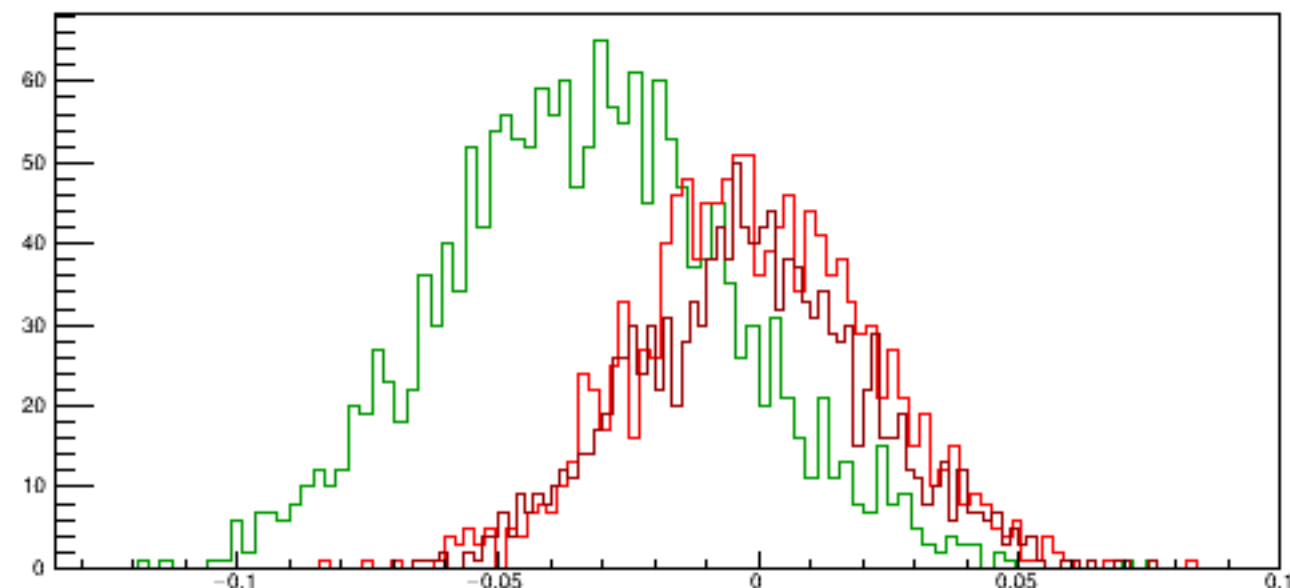
Run 6166 quartetwise, Sums



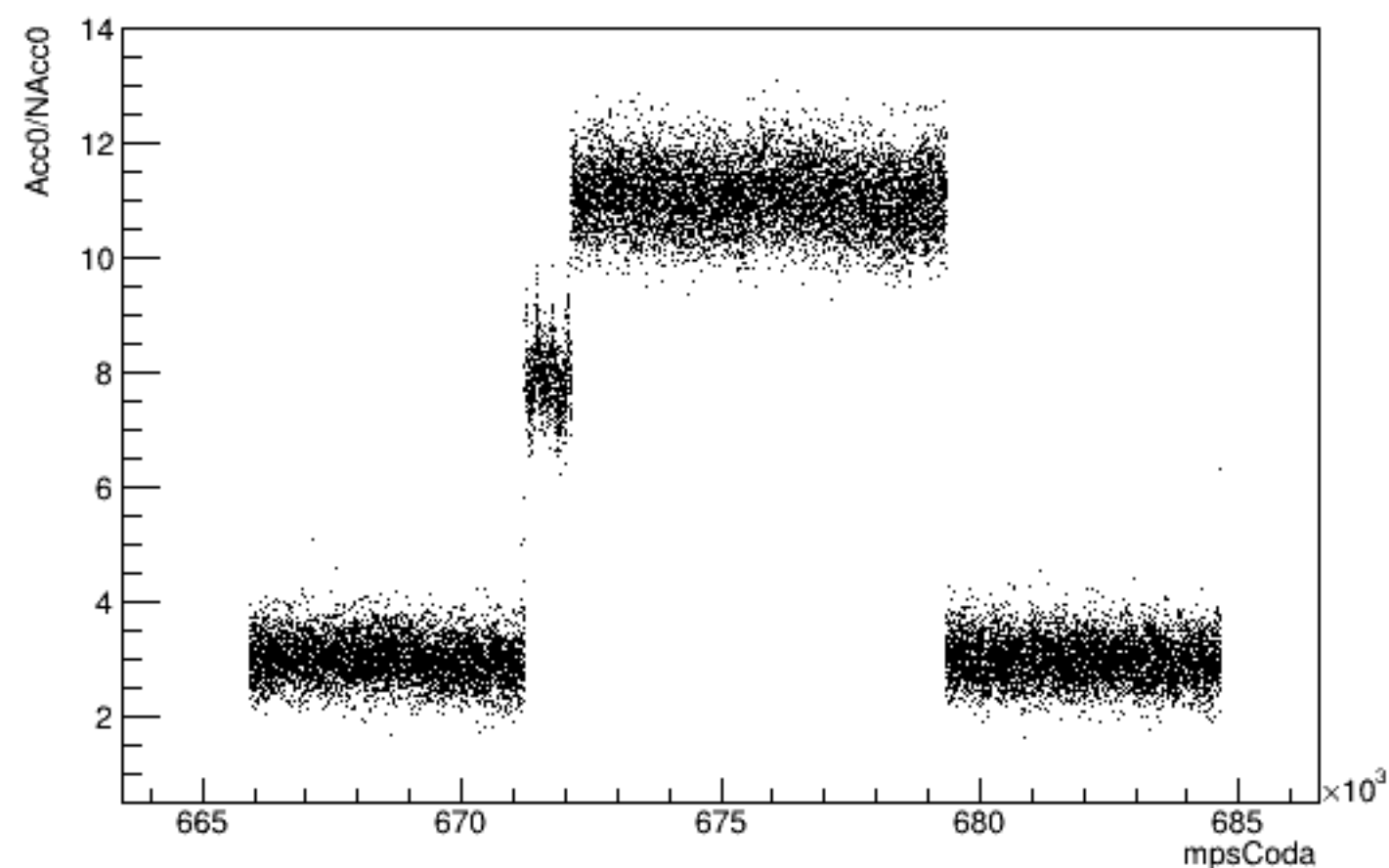
Cycle 23, Asyms

Entries: 1319	Entries: 1806	Entries: 1323
Mean: -0.0010 +/- 0.0006	Mean: -0.0328 +/- 0.0007	Mean: -0.0017 +/- 0.0006
Std Dev: 0.0225 +/- 0.0004	Std Dev: 0.0278 +/- 0.0005	Std Dev: 0.0225 +/- 0.0004

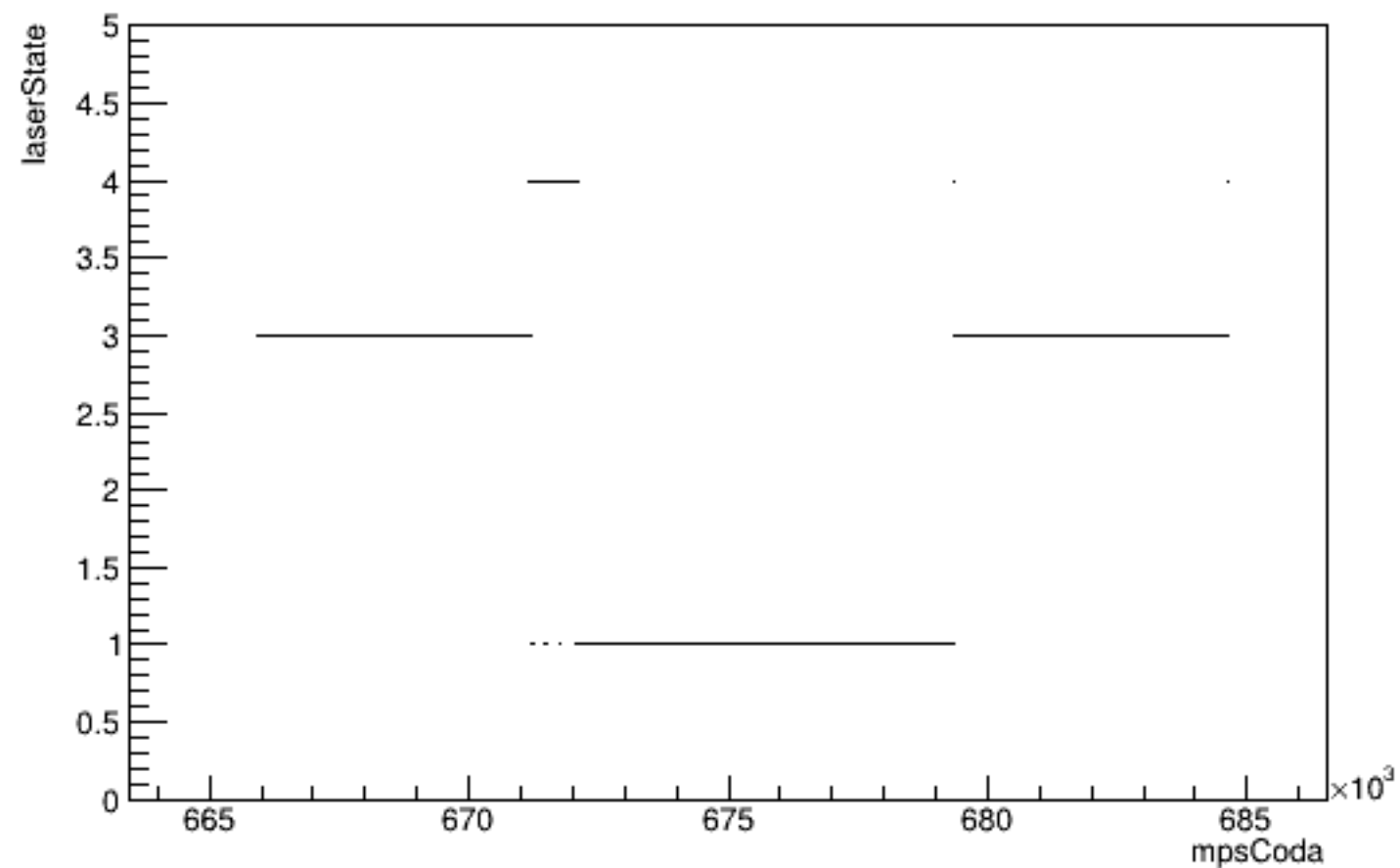
Run 6166 quartetwise, Asyms



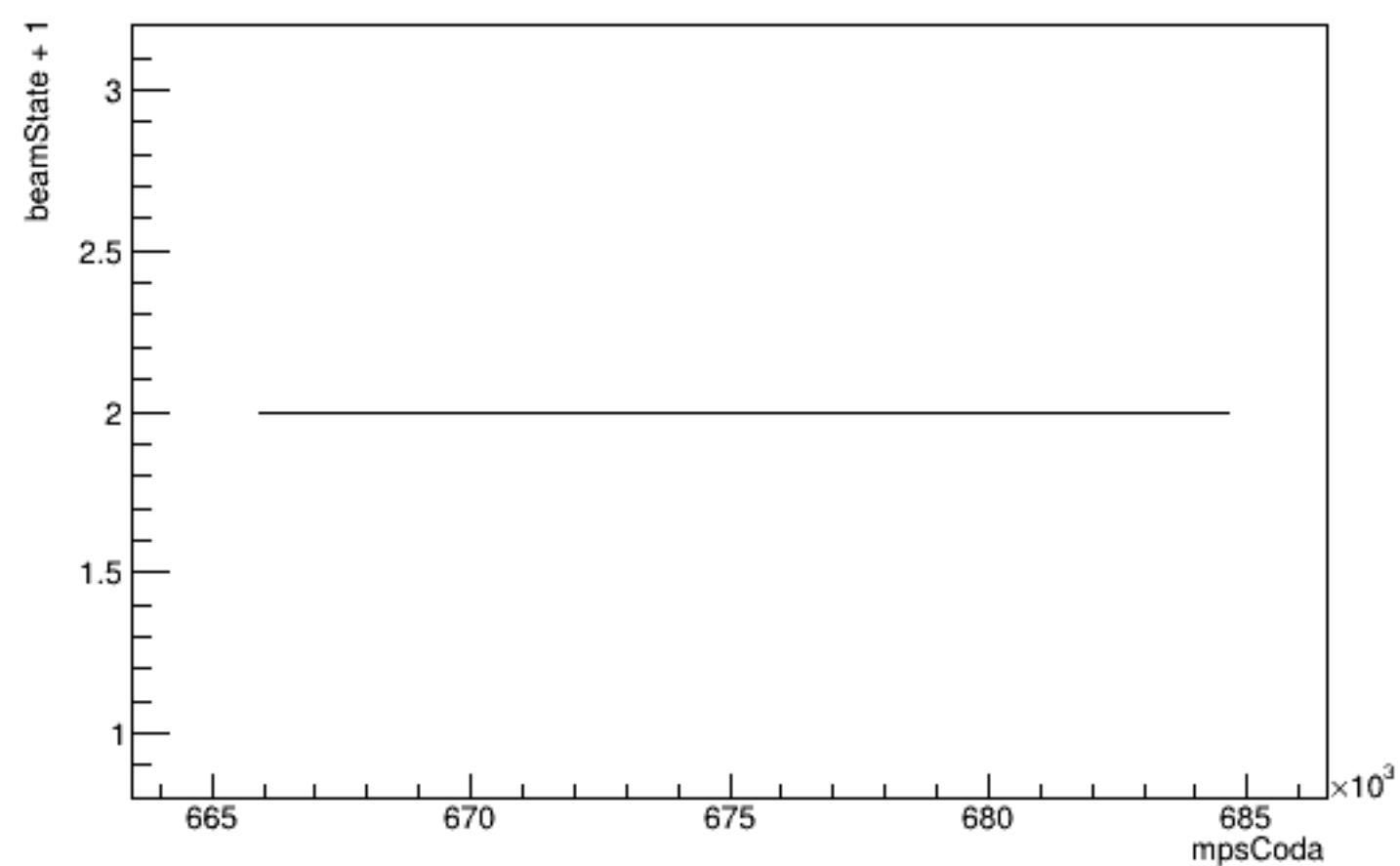
Acc0/NAcc0:mpsCoda (mpsCoda>=665898 && mpsCoda<=684649 && beamState==1)



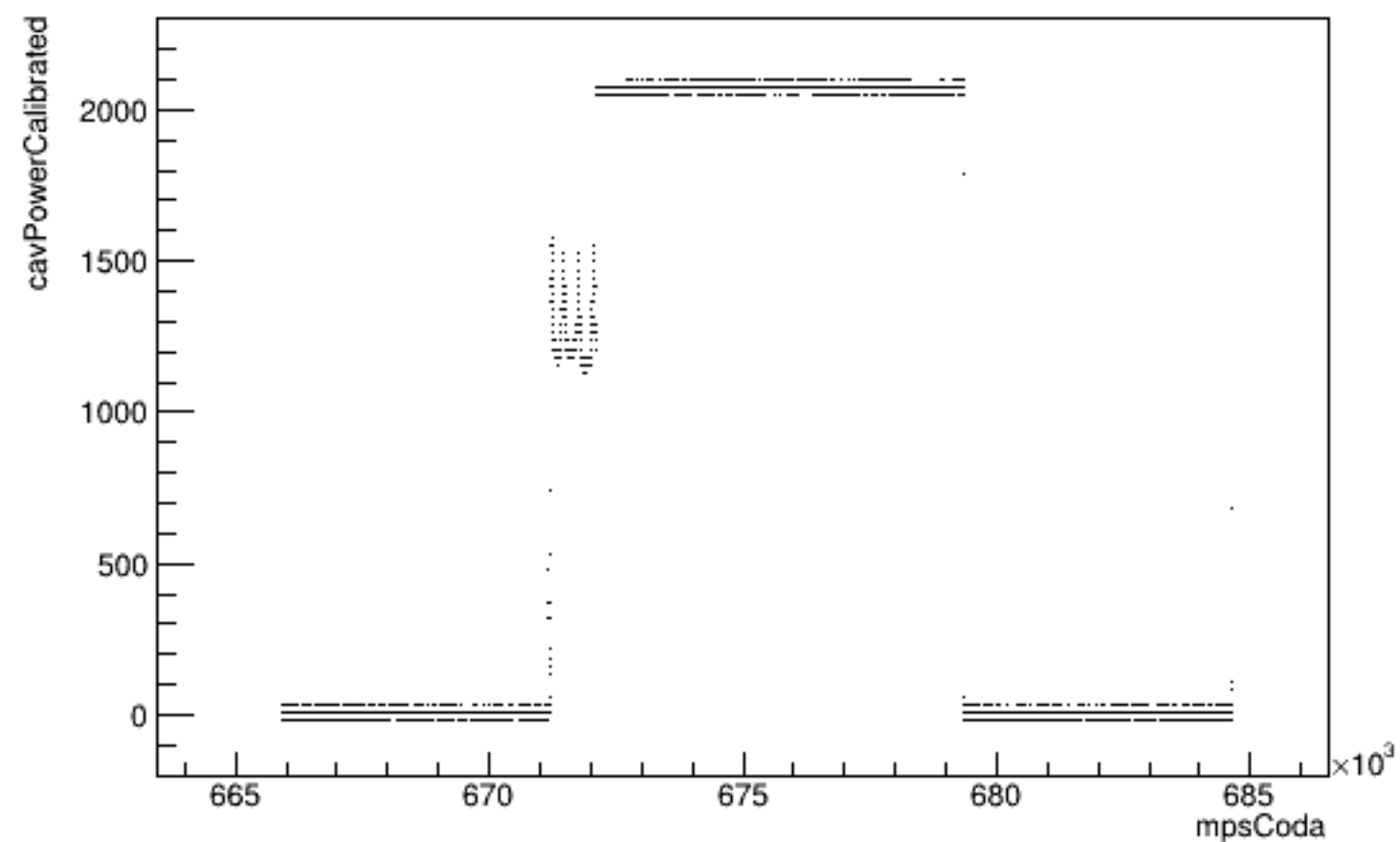
laserState:mpsCoda {mpsCoda>=665898 && mpsCoda<=684649}



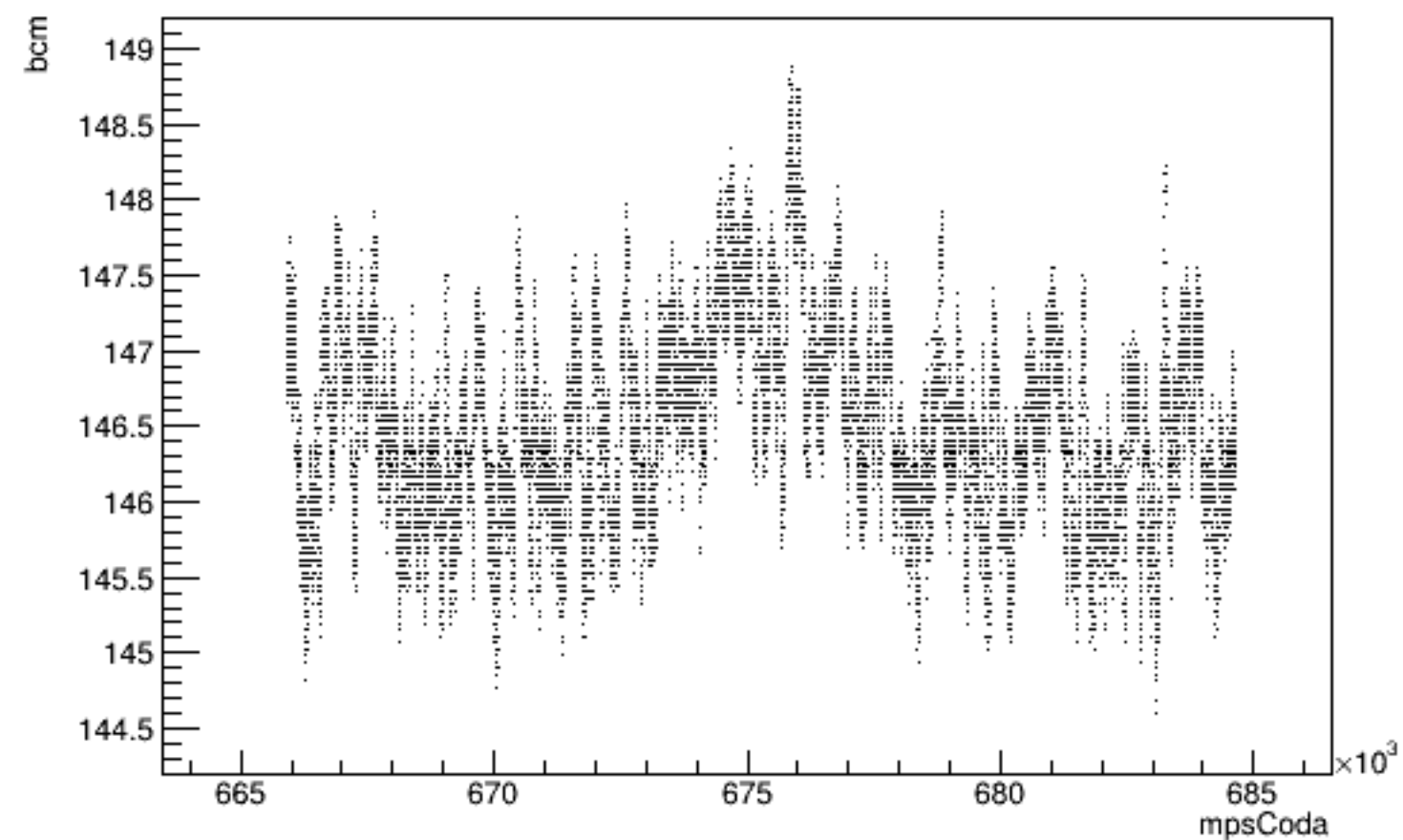
beamState + 1:mpsCoda {mpsCoda>=665898 && mpsCoda<=684649}



cavPowerCalibrated:mpsCoda {mpsCoda>=665898 && mpsCoda<=684649}



bcm:mpsCoda {mpsCoda>=665898 && mpsCoda<=684649}



Cycle 24, Diffs

Entries: 1330

Mean: -0.0236 +/- 0.0098

Std Dev: 0.3565 +/- 0.0069

Entries: 1808

Mean: -0.5257 +/- 0.0107

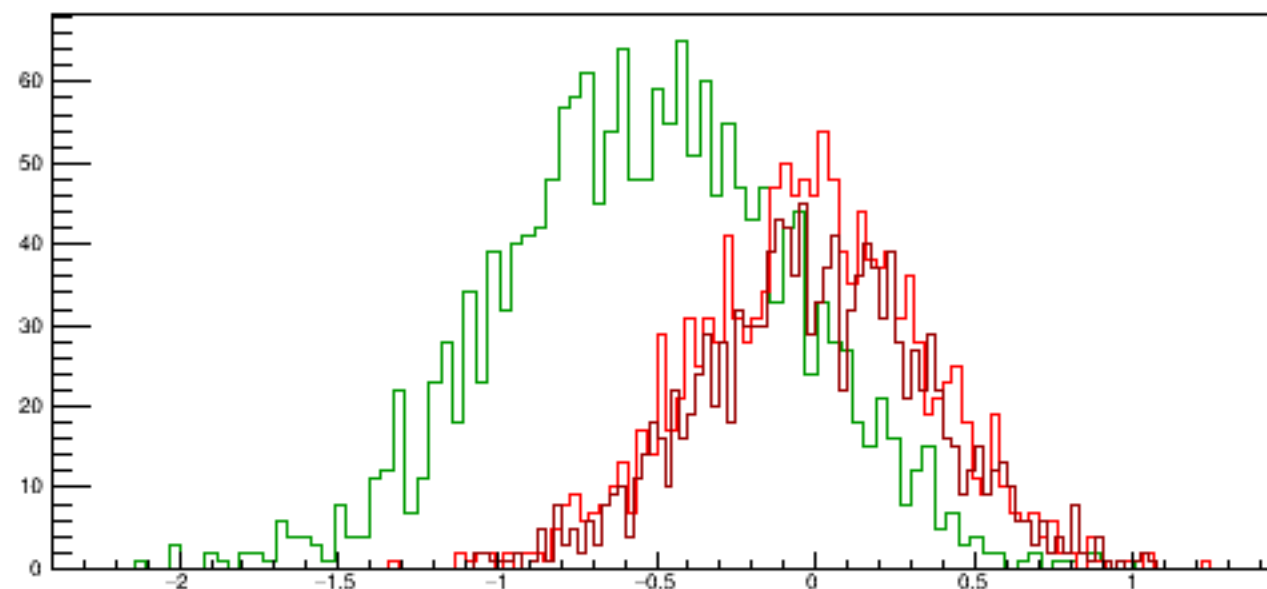
Std Dev: 0.4560 +/- 0.0076

Entries: 1333

Mean: -0.0050 +/- 0.0098

Std Dev: 0.3591 +/- 0.0070

Run 6166 quartetwise, Diffs



Cycle 24, Sums

Entries: 1330

Mean: 5.8609 +/- 0.0115

Std Dev: 0.4192 +/- 0.0081

Entries: 1808

Mean: 22.2376 +/- 0.0152

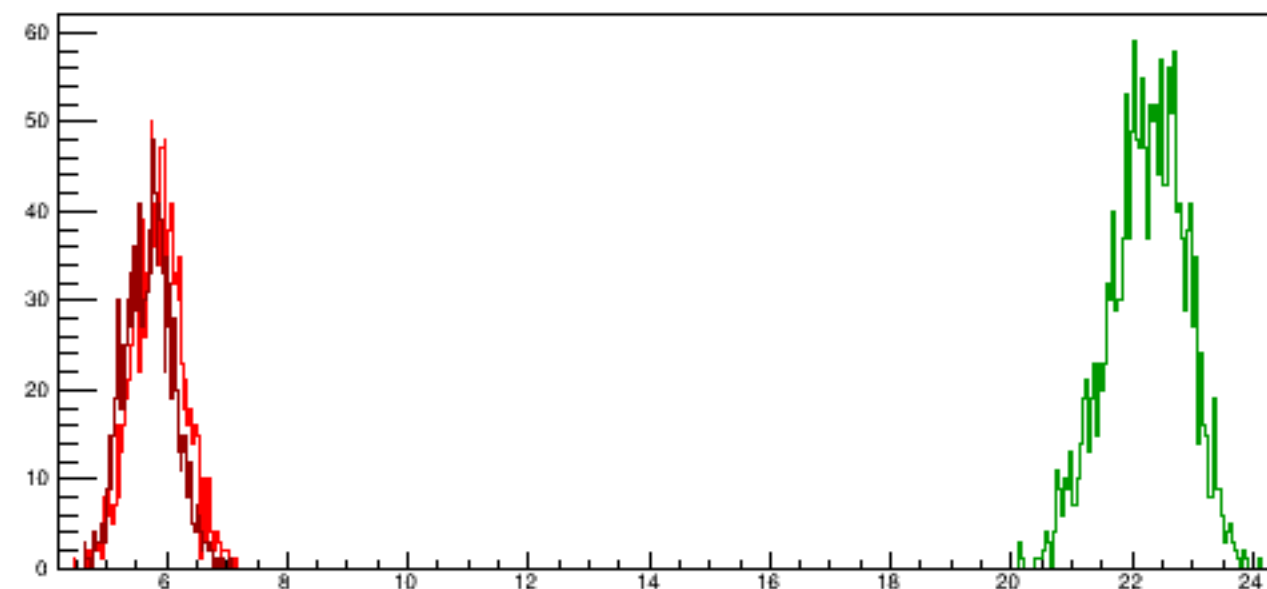
Std Dev: 0.6446 +/- 0.0107

Entries: 1333

Mean: 5.7161 +/- 0.0109

Std Dev: 0.3972 +/- 0.0077

Run 6166 quartetwise, Sums



Cycle 24, Asyms

Entries: 1330

Mean: -0.0014 +/- 0.0006

Std Dev: 0.0217 +/- 0.0004

Entries: 1808

Mean: -0.0320 +/- 0.0007

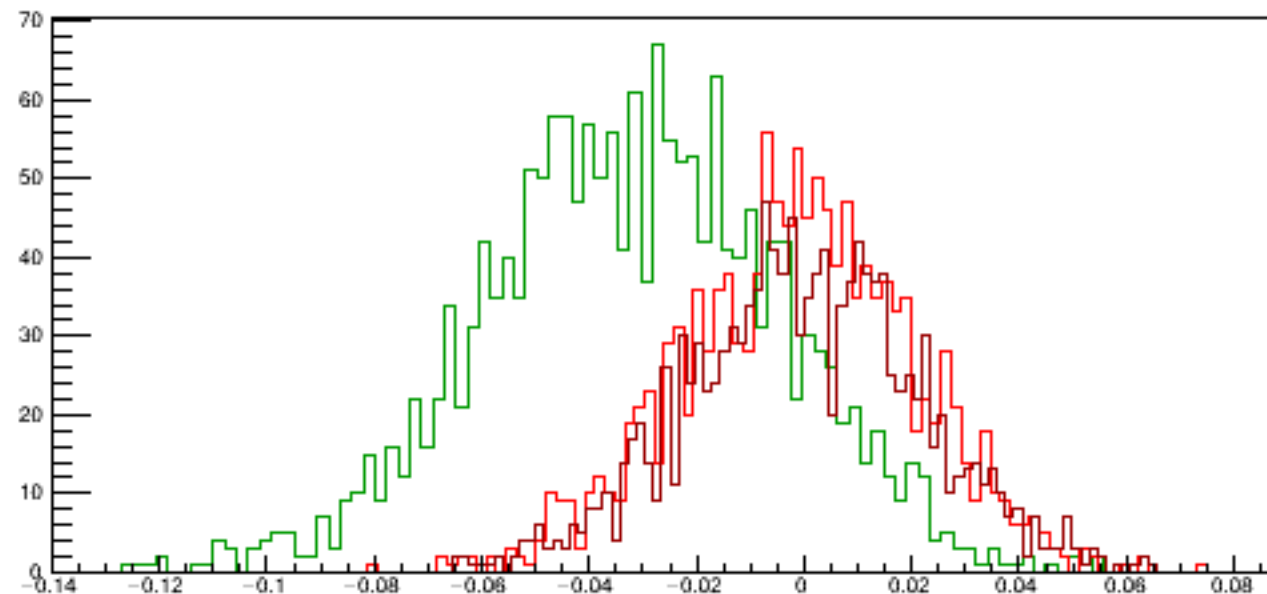
Std Dev: 0.0277 +/- 0.0005

Entries: 1333

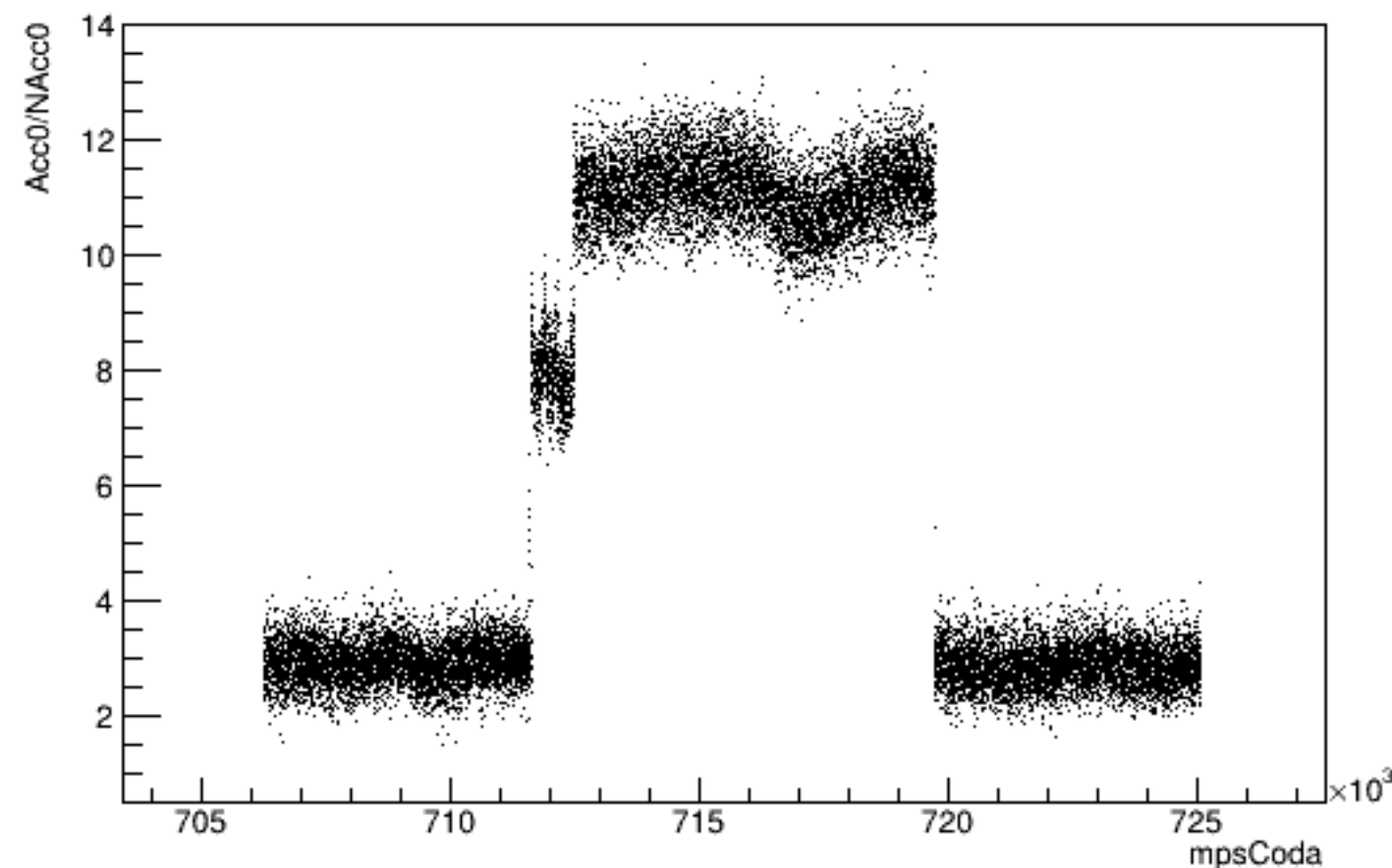
Mean: -0.0003 +/- 0.0006

Std Dev: 0.0218 +/- 0.0004

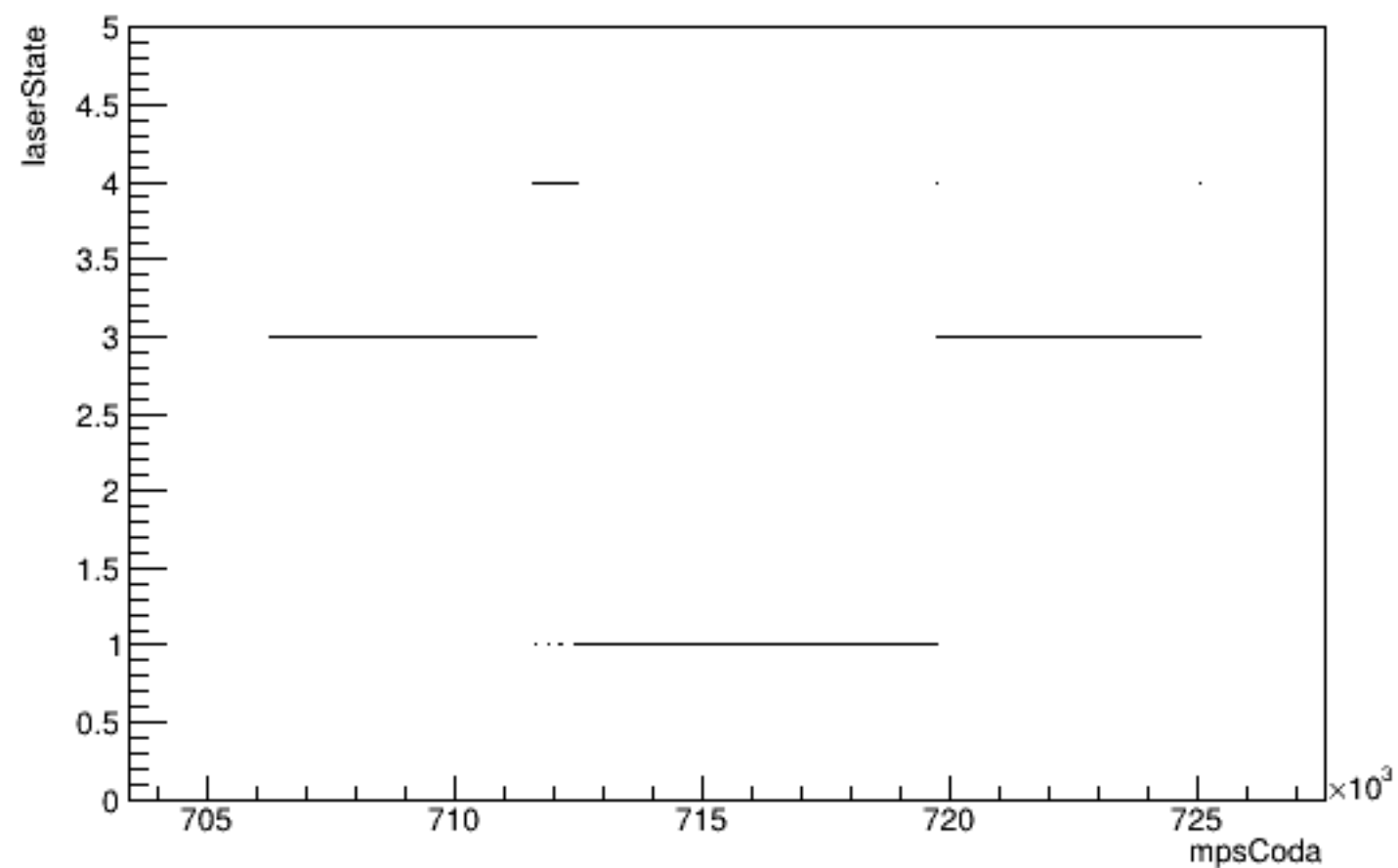
Run 6166 quartetwise, Asyms



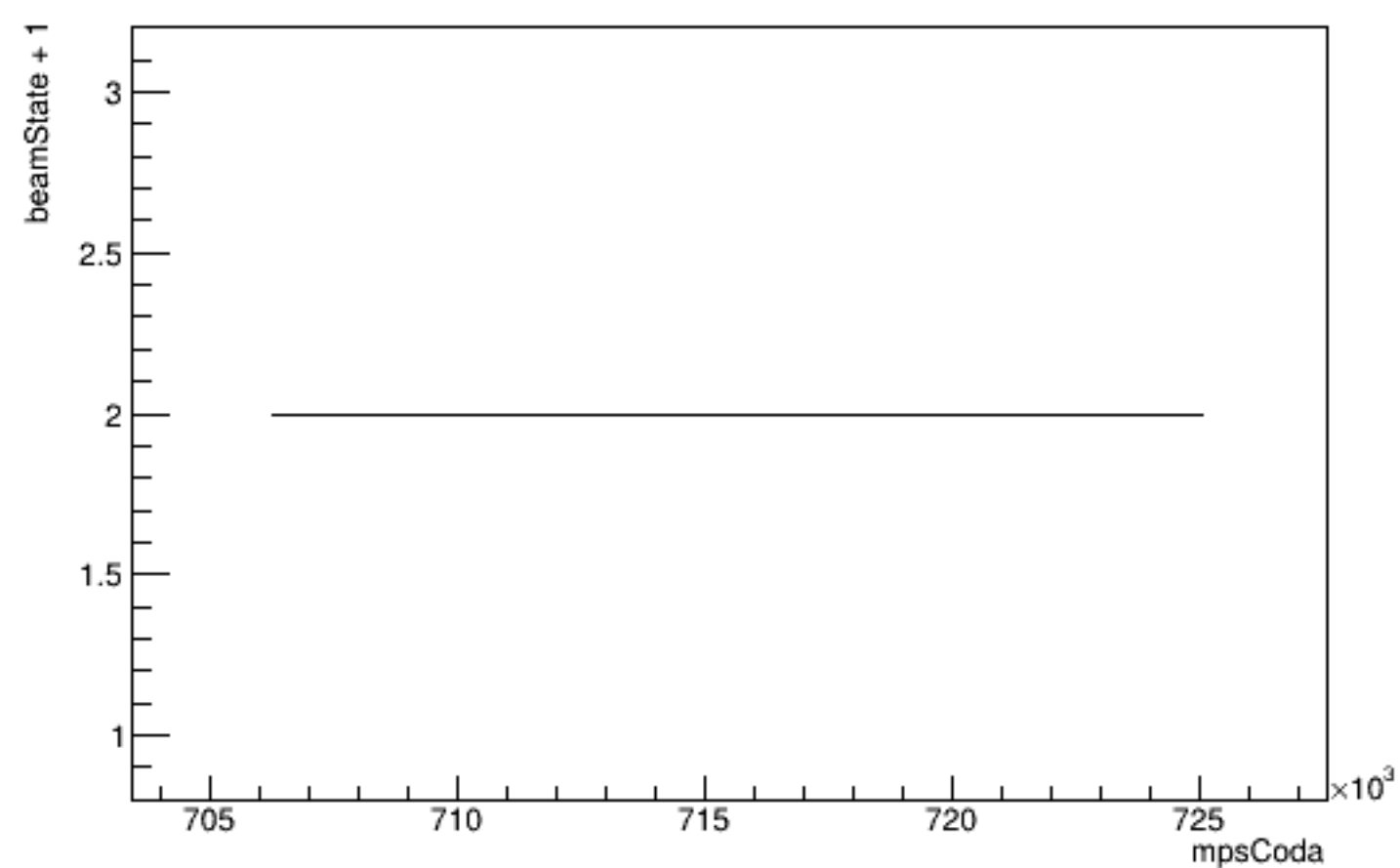
Acc0/NAcc0:mpsCoda (mpsCoda>=706266 && mpsCoda<=725057 && beamState==1)



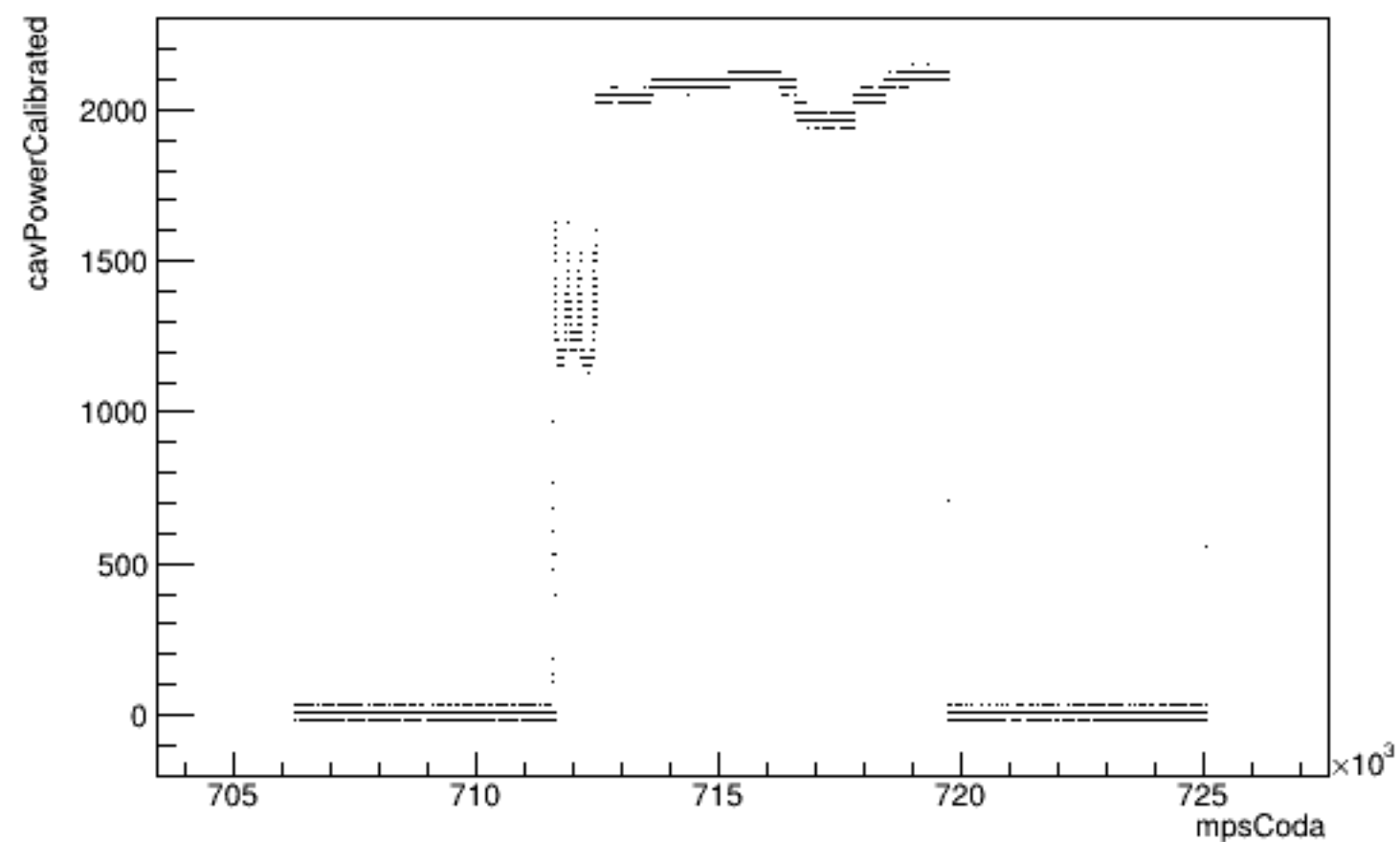
laserState:mpsCoda {mpsCoda>=706266 && mpsCoda<=725057}



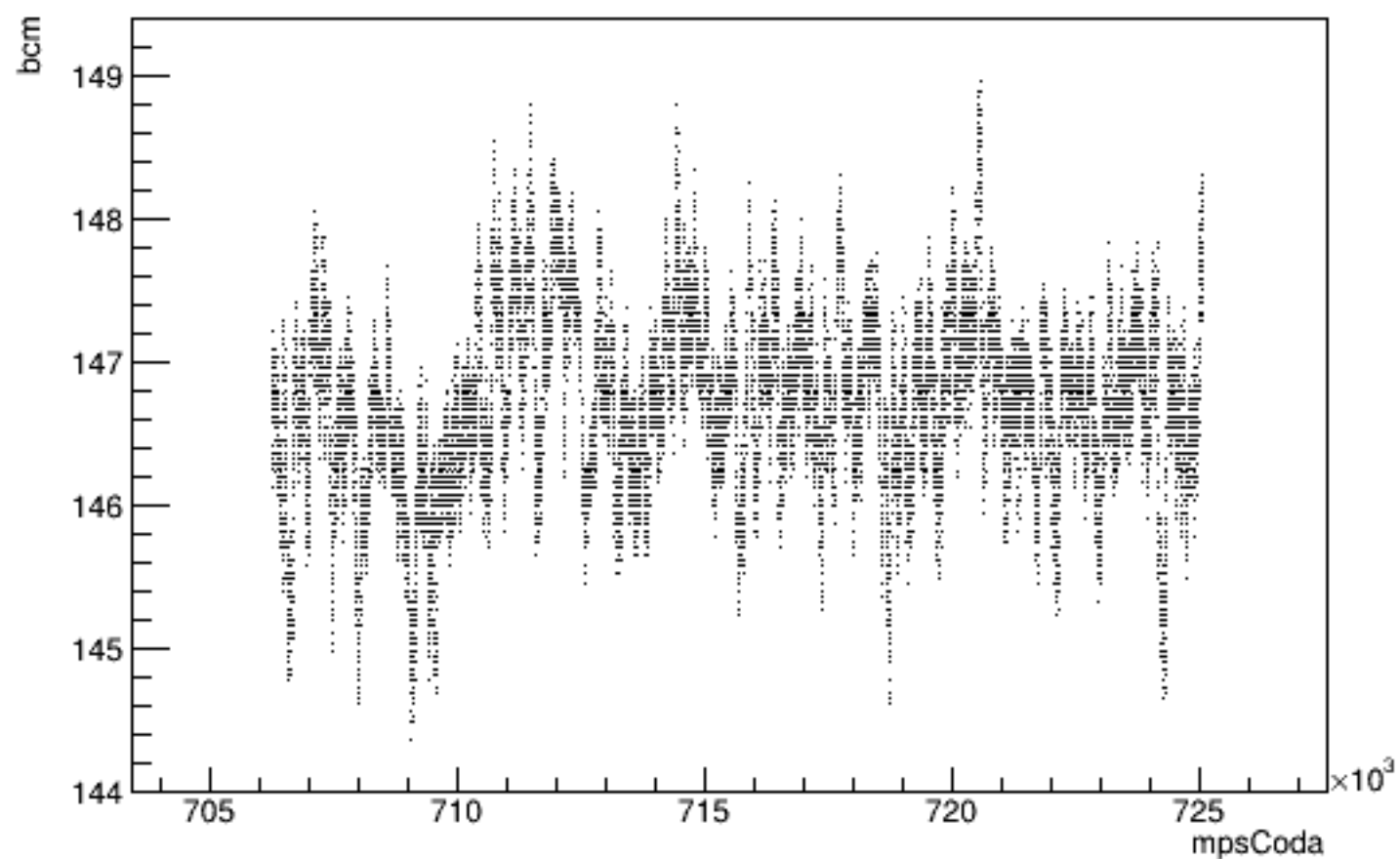
beamState + 1:mpsCoda {mpsCoda>=706266 && mpsCoda<=725057}



cavPowerCalibrated:mpsCoda {mpsCoda>=706266 && mpsCoda<=725057}



bcm:mpsCoda {mpsCoda>=706266 && mpsCoda<=725057}



Cycle 25, Diffs

Entries: 1333

Mean: -0.0050 +/- 0.0098

Std Dev: 0.3591 +/- 0.0070

Entries: 1808

Mean: -0.5397 +/- 0.0109

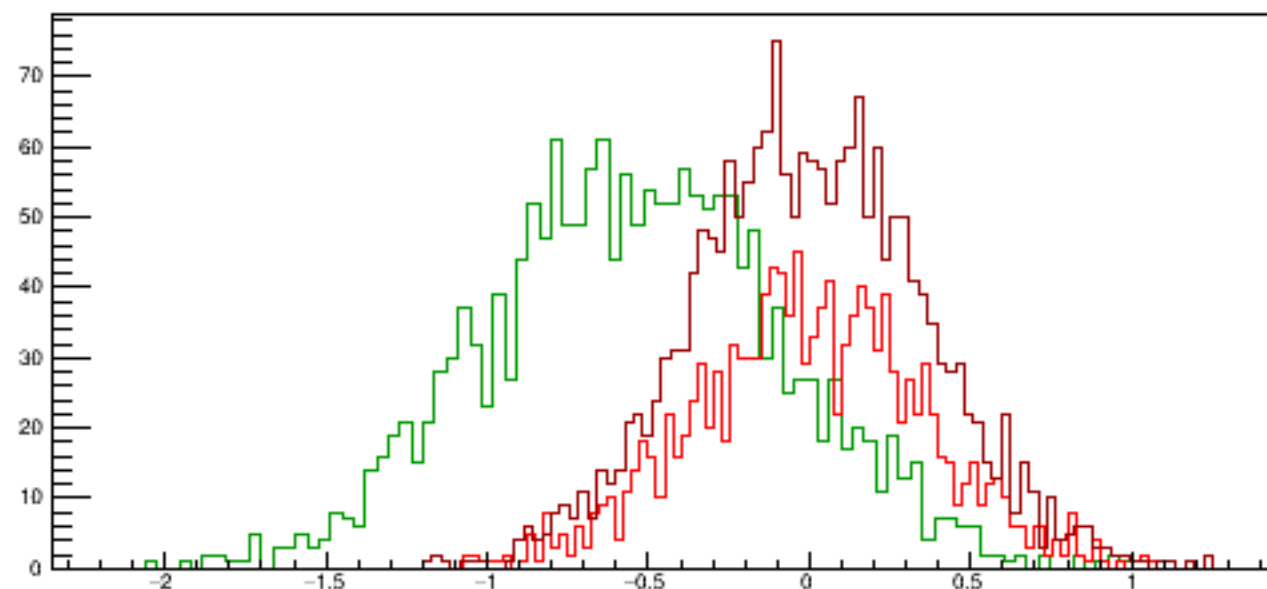
Std Dev: 0.4617 +/- 0.0077

Entries: 1979

Mean: -0.0017 +/- 0.0082

Std Dev: 0.3637 +/- 0.0058

Run 6166 quartetwise, Diffs



Cycle 25, Sums

Entries: 1333

Mean: 5.7161 +/- 0.0109

Std Dev: 0.3972 +/- 0.0077

Entries: 1808

Mean: 22.2291 +/- 0.0116

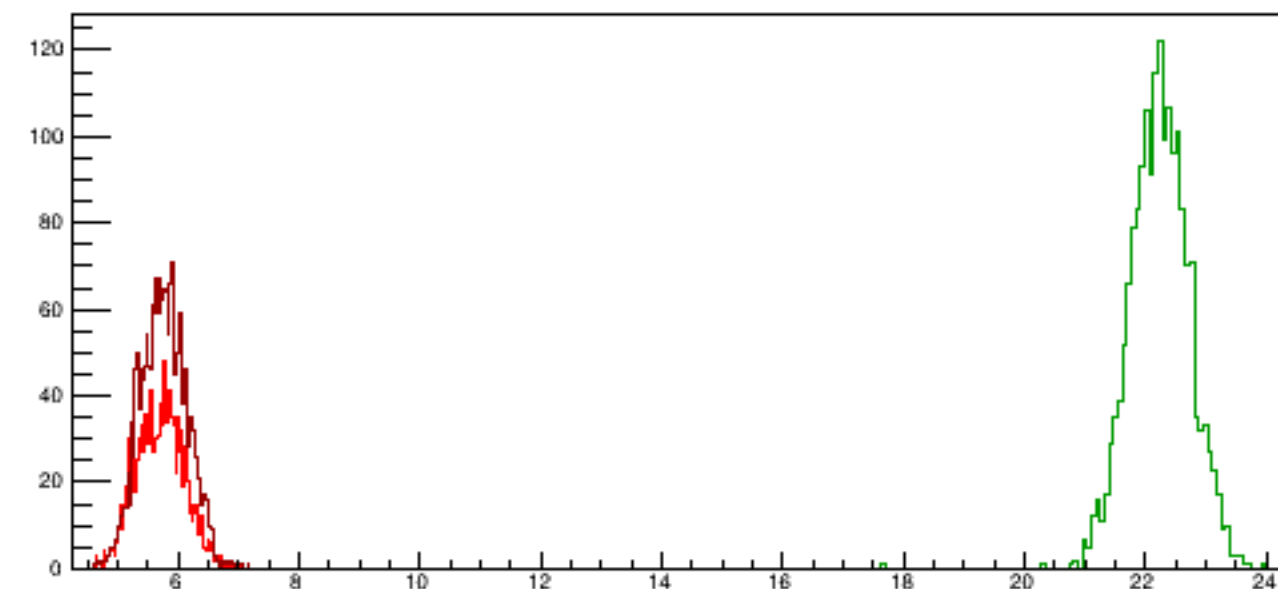
Std Dev: 0.4931 +/- 0.0082

Entries: 1979

Mean: 5.7657 +/- 0.0086

Std Dev: 0.3843 +/- 0.0061

Run 6166 quartetwise, Sums



Cycle 25, Asyms

Entries: 1333

Mean: -0.0003 +/- 0.0006

Std Dev: 0.0218 +/- 0.0004

Entries: 1808

Mean: -0.0327 +/- 0.0007

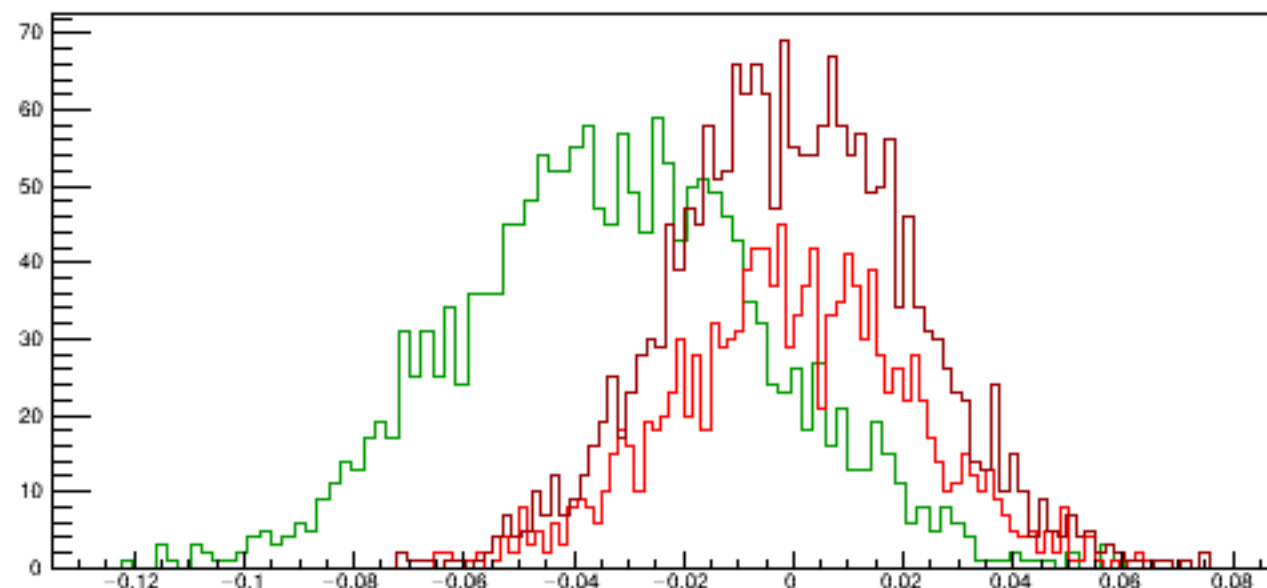
Std Dev: 0.0280 +/- 0.0005

Entries: 1979

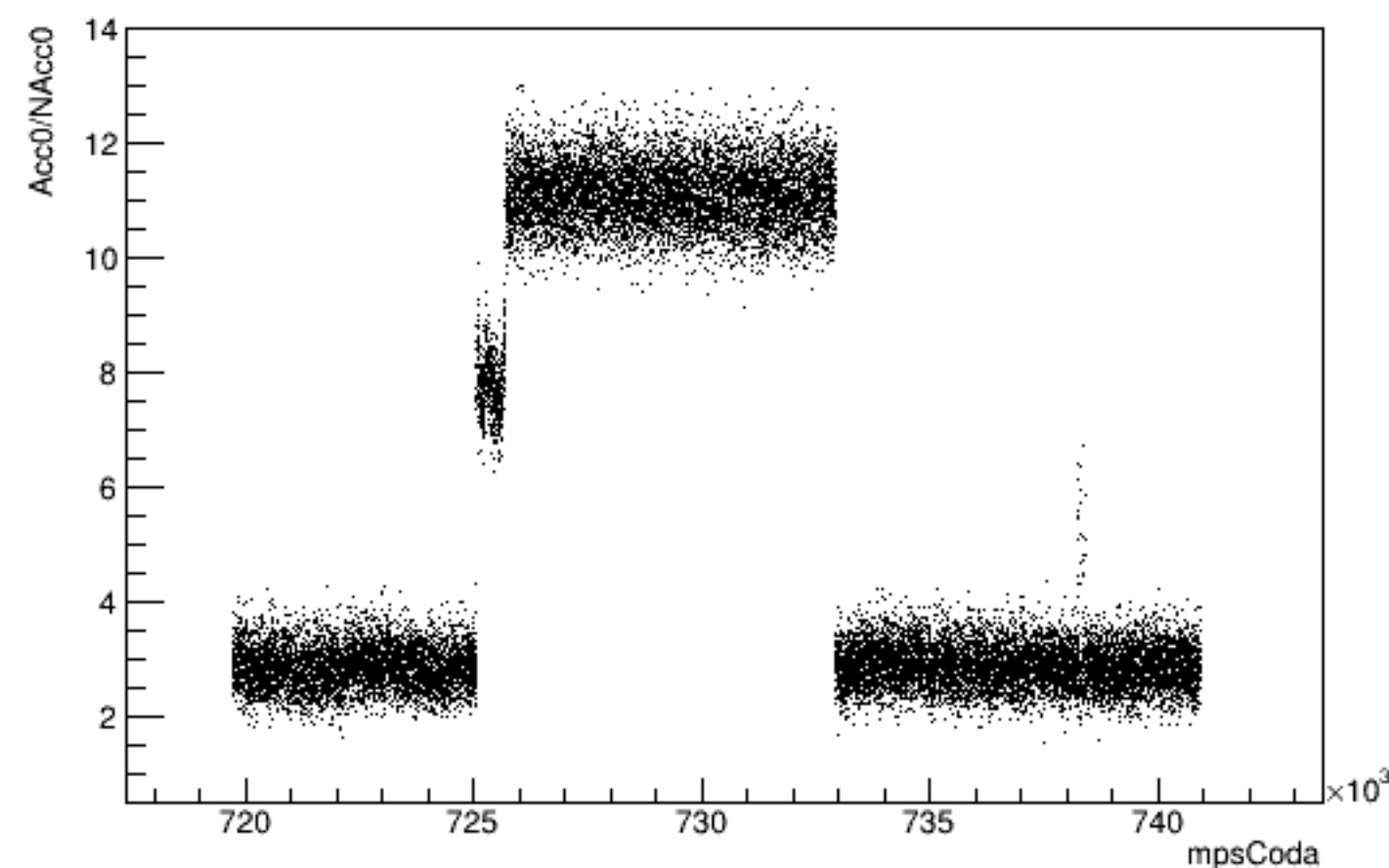
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0221 +/- 0.0004

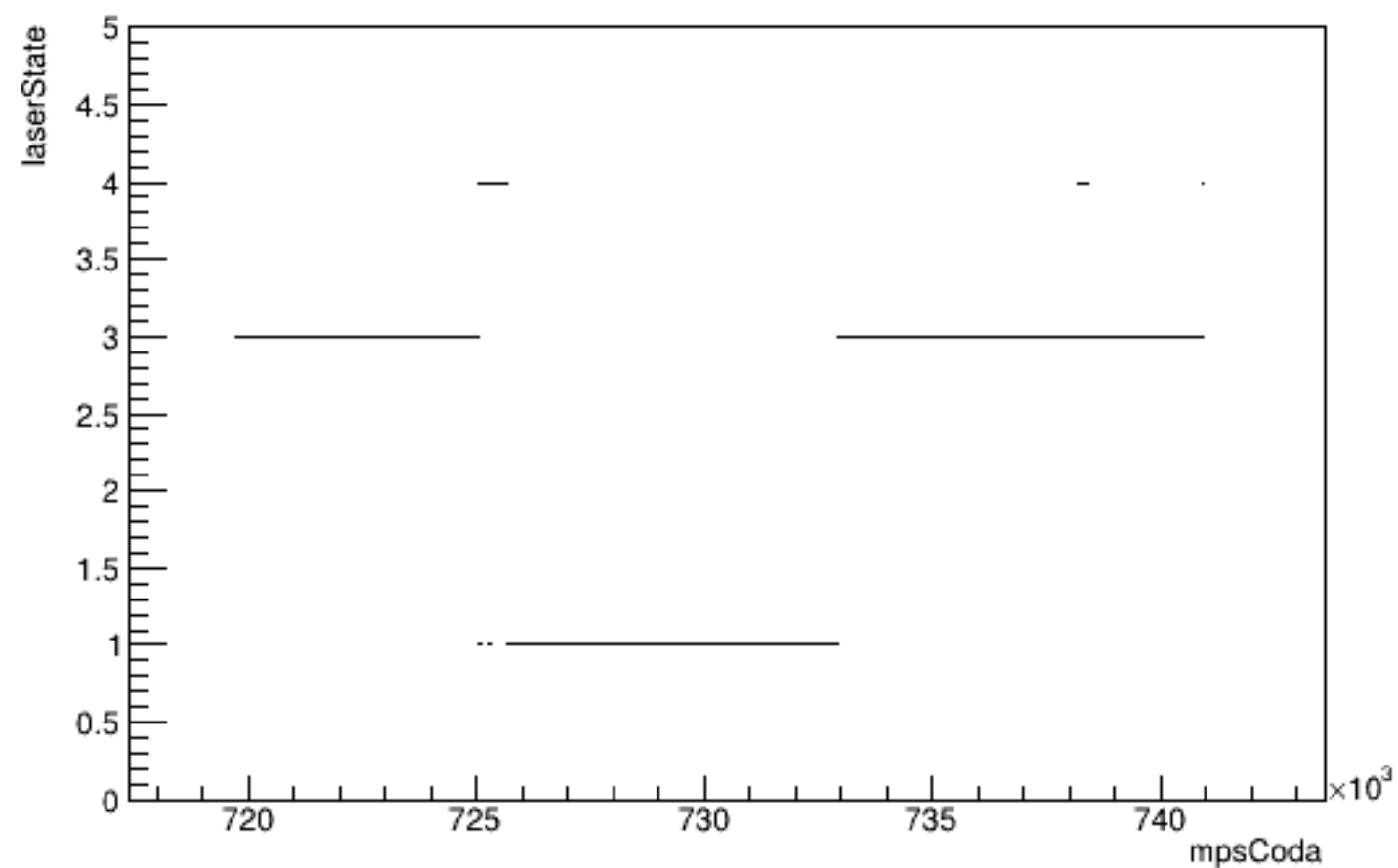
Run 6166 quartetwise, Asyms



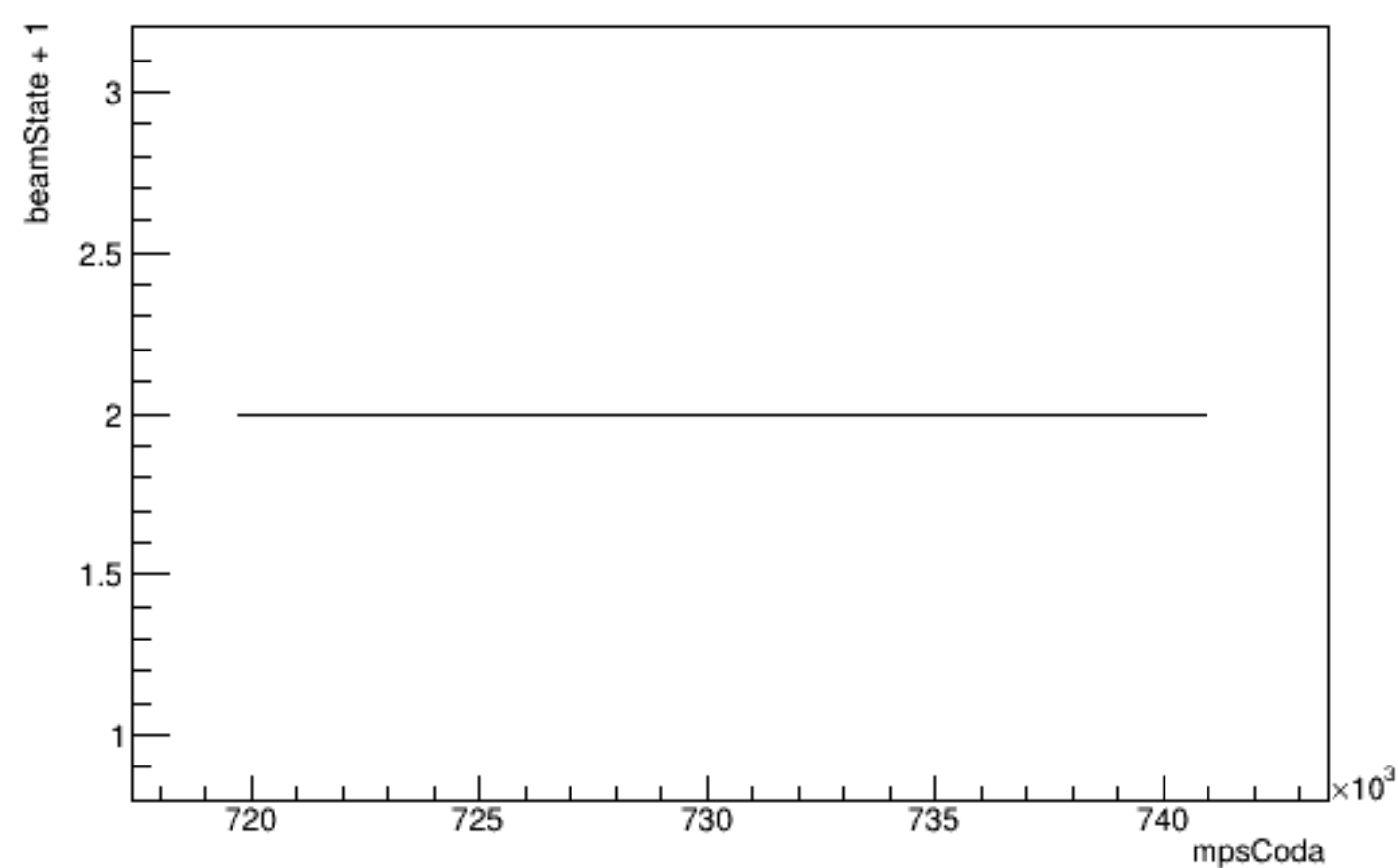
Acc0/NAcc0:mpsCoda (mpsCoda>=719722 && mpsCoda<=740929 && beamState==1)



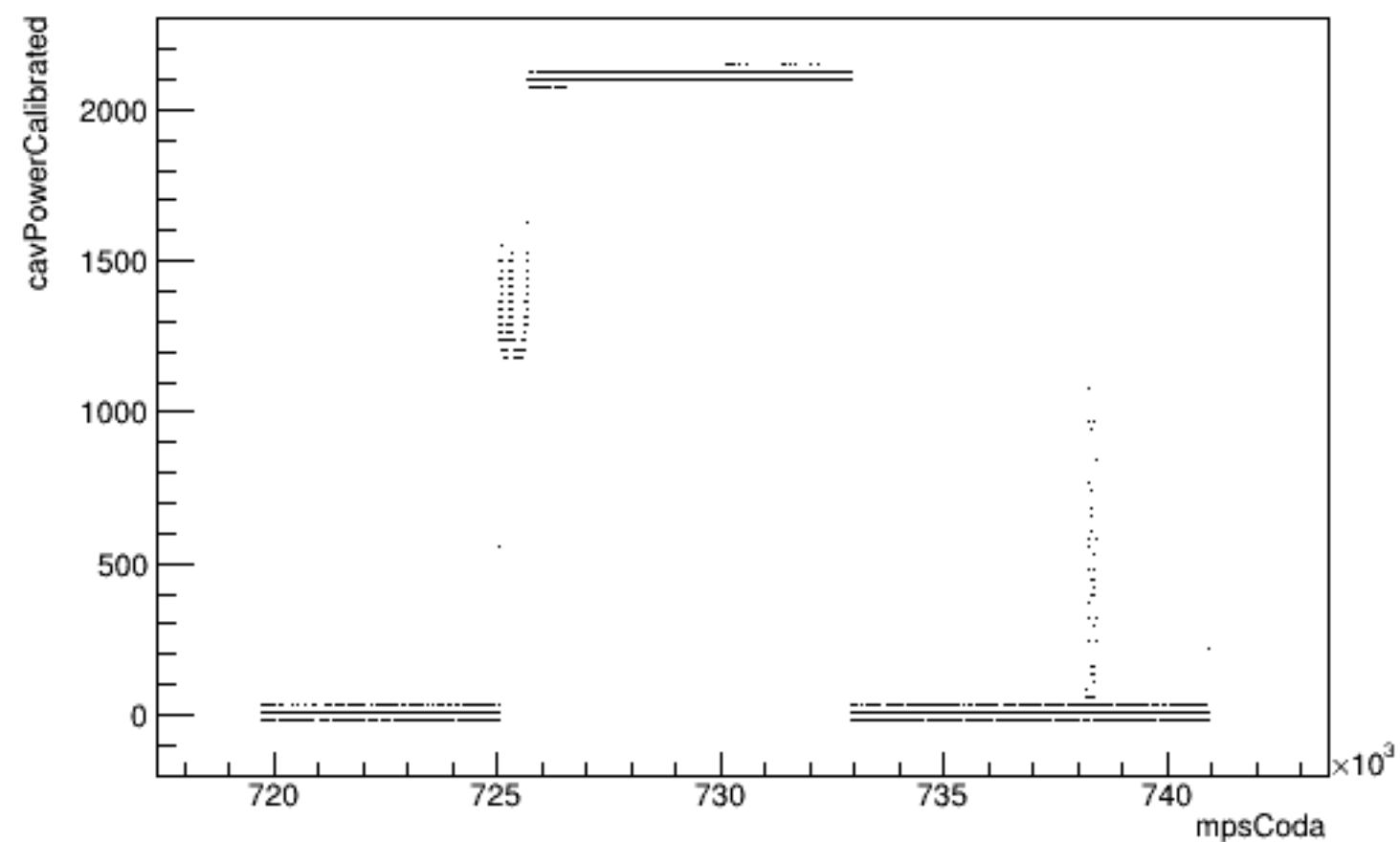
laserState:mpsCoda {mpsCoda>=719722 && mpsCoda<=740929}



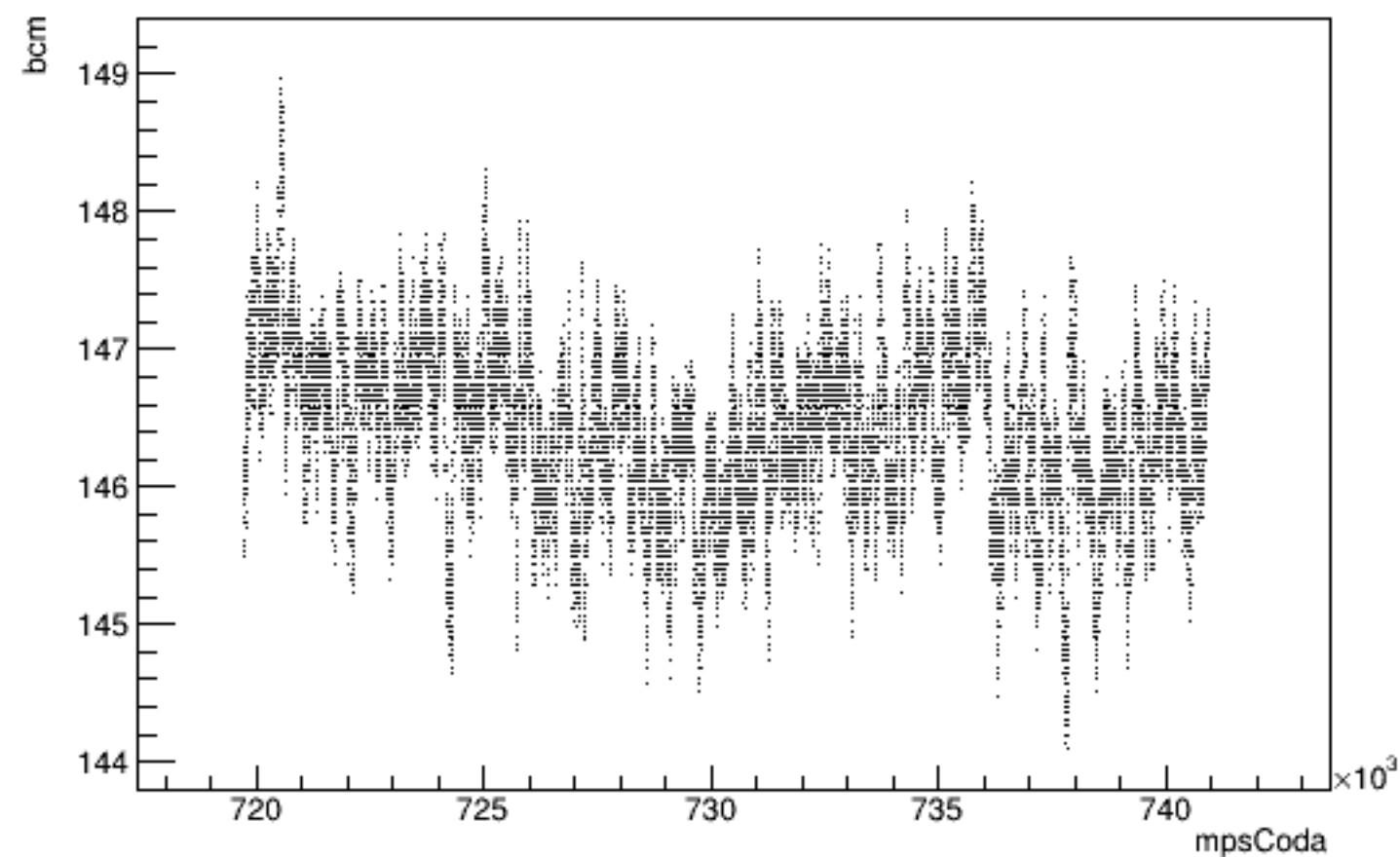
beamState + 1:mpsCoda {mpsCoda>=719722 && mpsCoda<=740929}



cavPowerCalibrated:mpsCoda {mpsCoda>=719722 && mpsCoda<=740929}



bcm:mpsCoda {mpsCoda>=719722 && mpsCoda<=740929}



Cycle 26, Diffs

Entries: 1979

Mean: -0.0017 +/- 0.0082

Std Dev: 0.3637 +/- 0.0058

Entries: 1806

Mean: -0.5331 +/- 0.0106

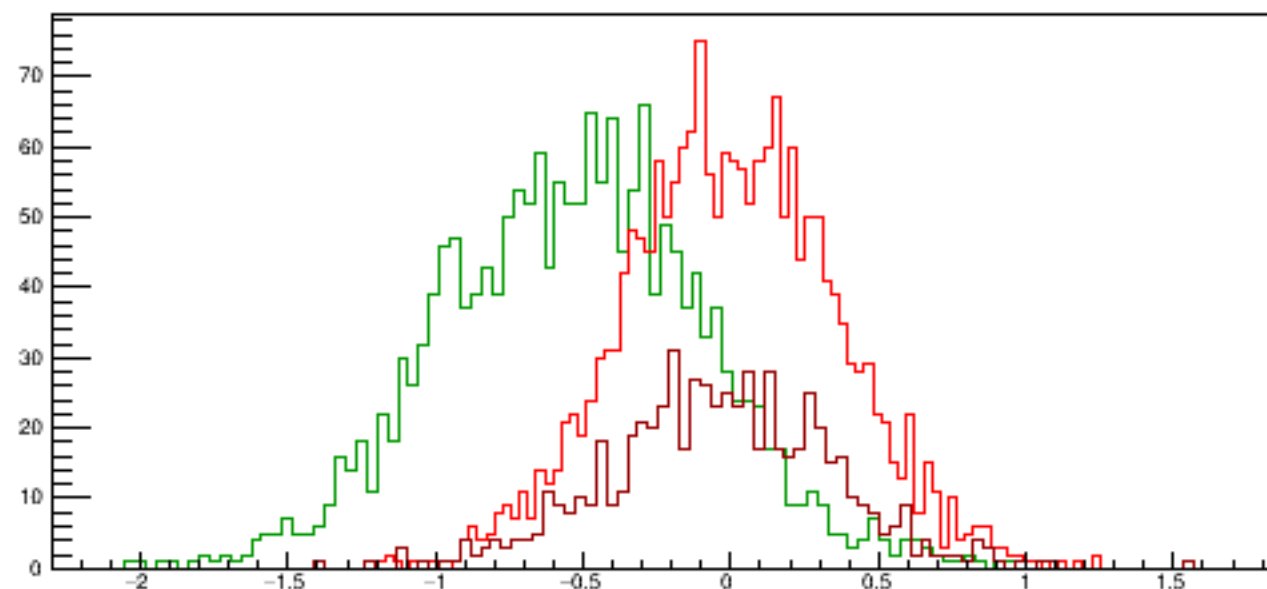
Std Dev: 0.4516 +/- 0.0075

Entries: 648

Mean: -0.0404 +/- 0.0151

Std Dev: 0.3843 +/- 0.0107

Run 6166 quartetwise, Diffs



Cycle 26, Sums

Entries: 1979

Mean: 5.7657 +/- 0.0086

Std Dev: 0.3843 +/- 0.0061

Entries: 1806

Mean: 22.5539 +/- 0.0123

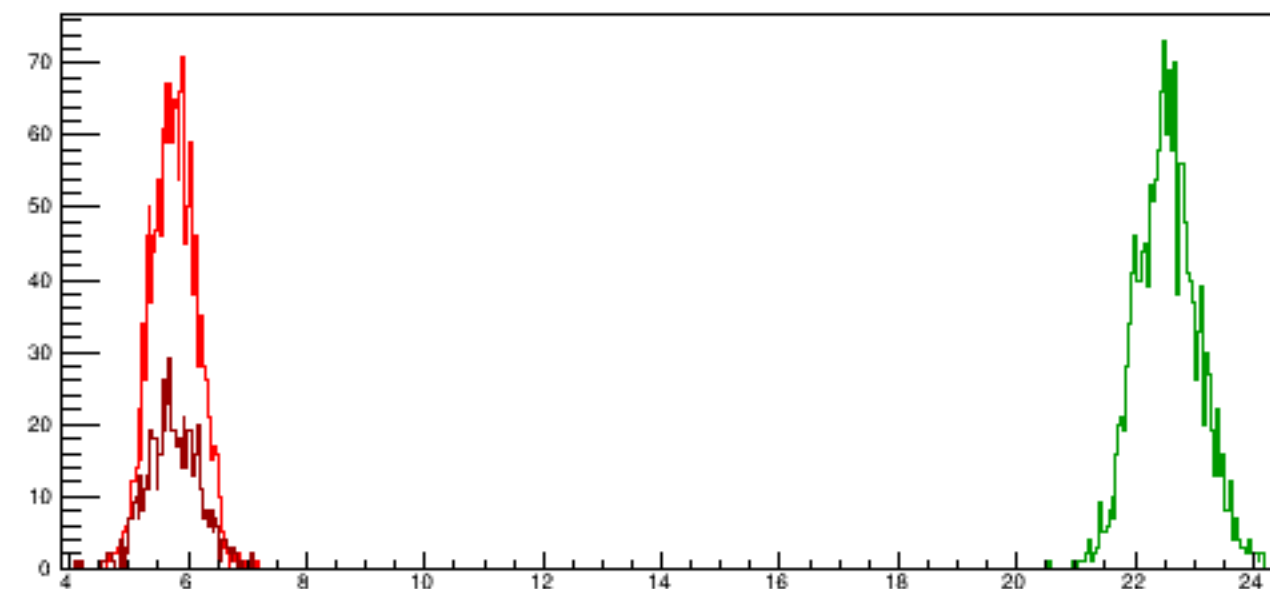
Std Dev: 0.5210 +/- 0.0087

Entries: 648

Mean: 5.7494 +/- 0.0173

Std Dev: 0.4411 +/- 0.0123

Run 6166 quartetwise, Sums



Cycle 26, Asyms

Entries: 1979

Mean: -0.0001 +/- 0.0005

Std Dev: 0.0217 +/- 0.0003

Entries: 1806

Mean: -0.0317 +/- 0.0006

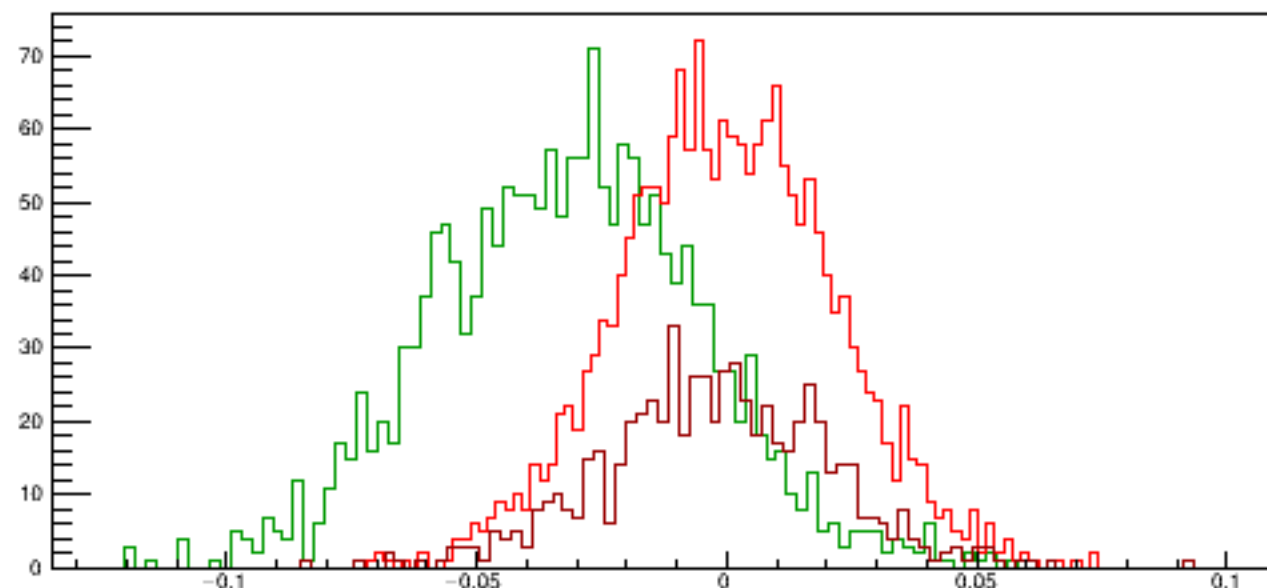
Std Dev: 0.0269 +/- 0.0004

Entries: 648

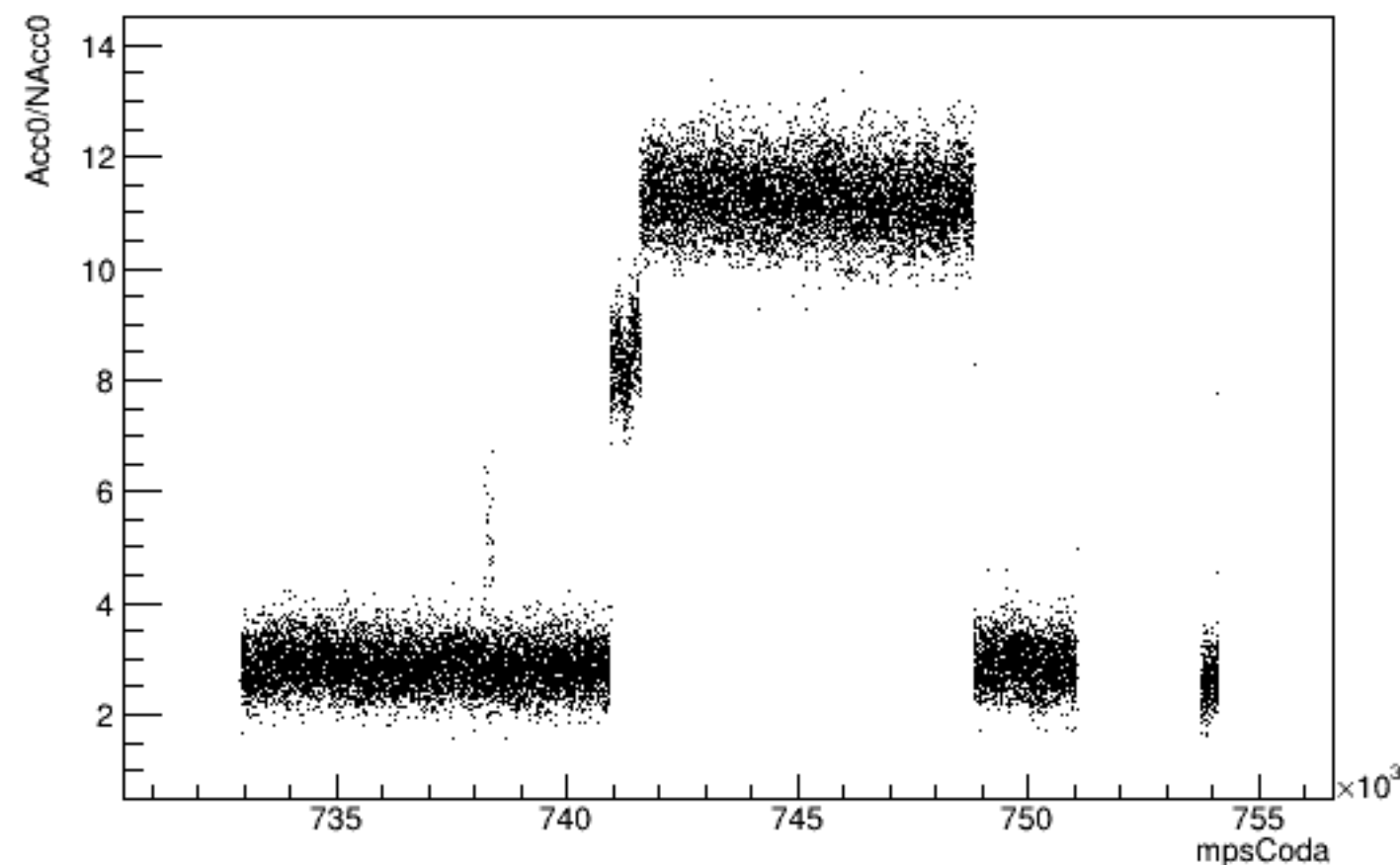
Mean: -0.0024 +/- 0.0009

Std Dev: 0.0229 +/- 0.0006

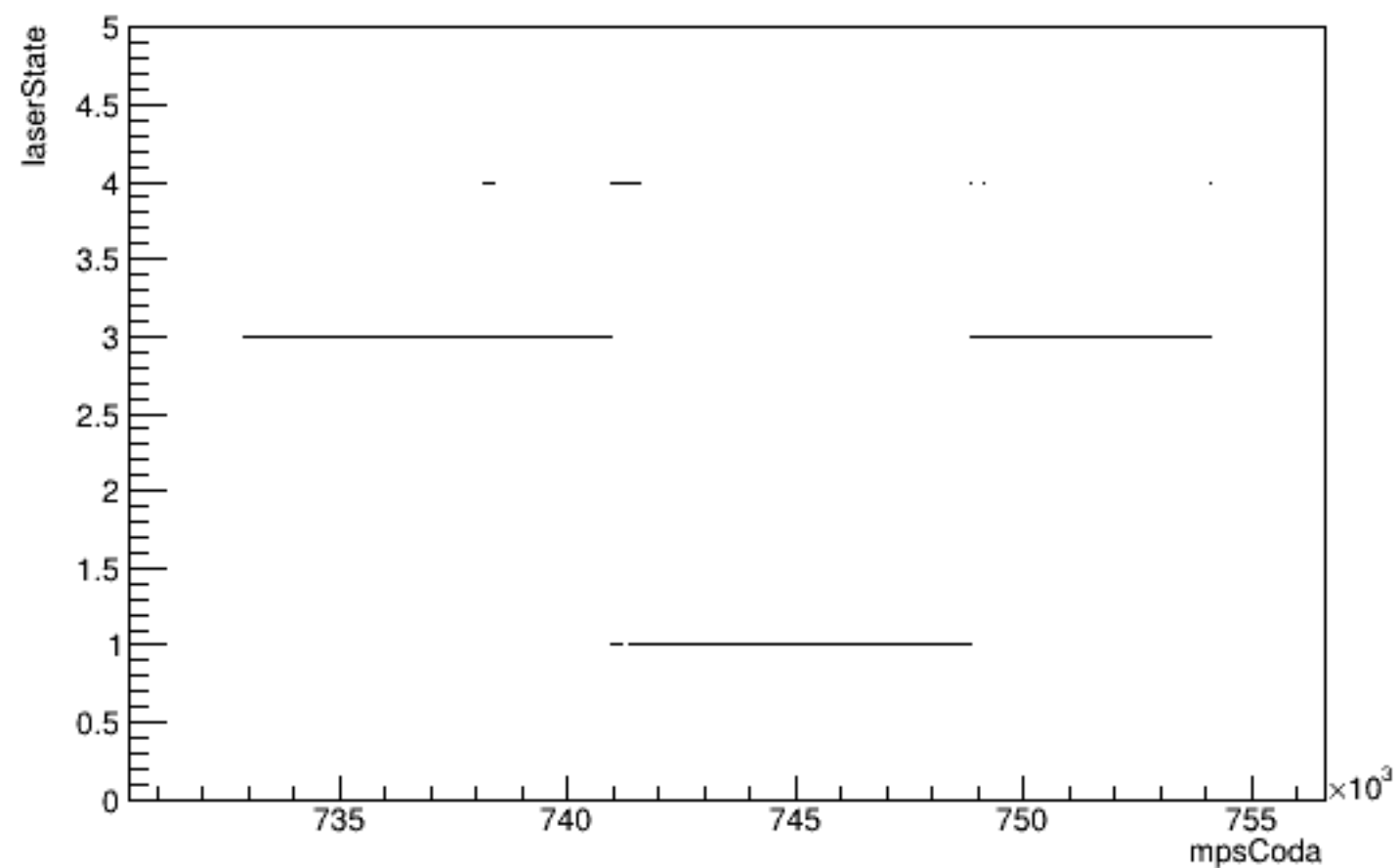
Run 6166 quartetwise, Asyms



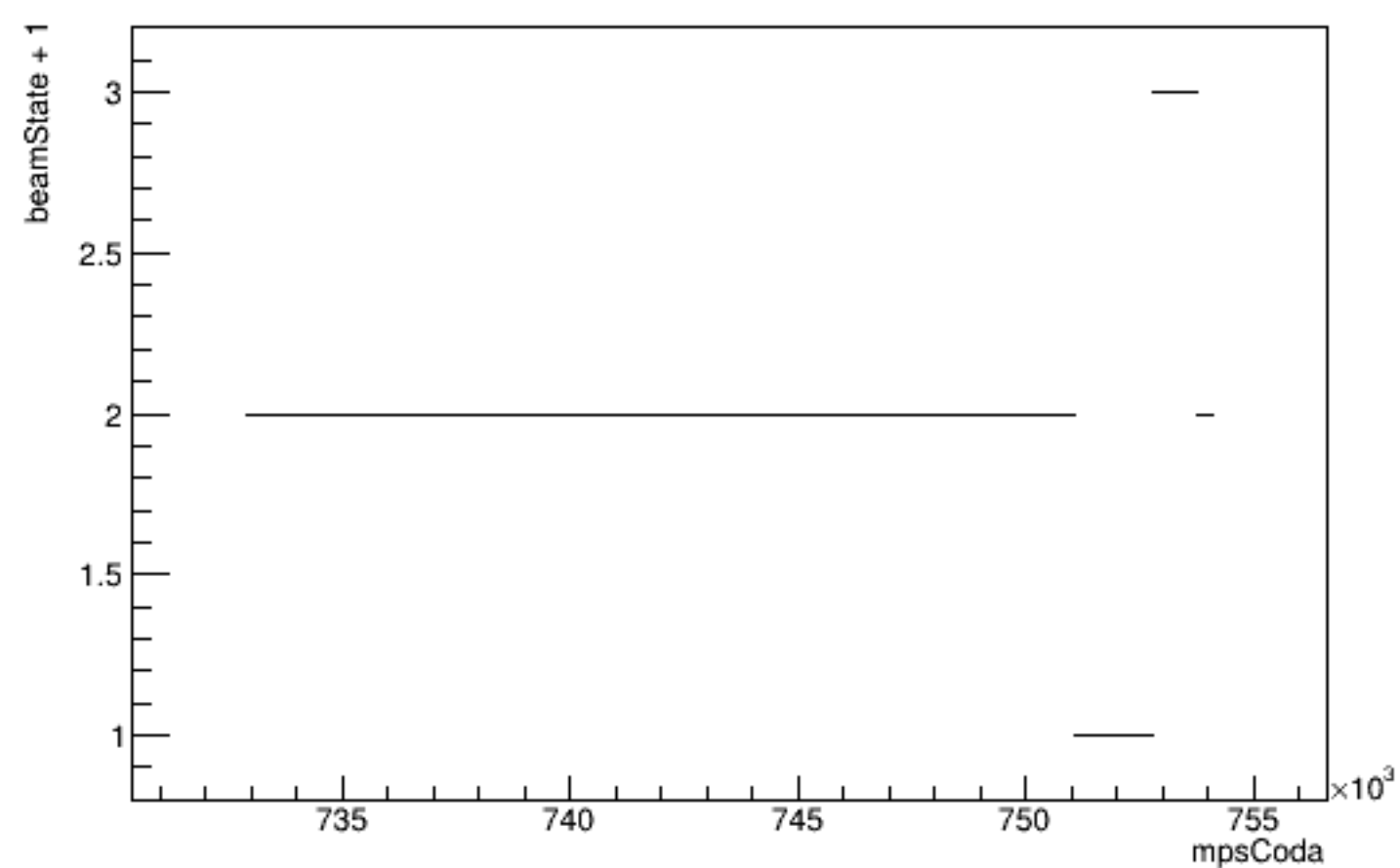
Acc0/NAcc0:mpsCoda (mpsCoda>=732926 && mpsCoda<=754129 && beamState==1)



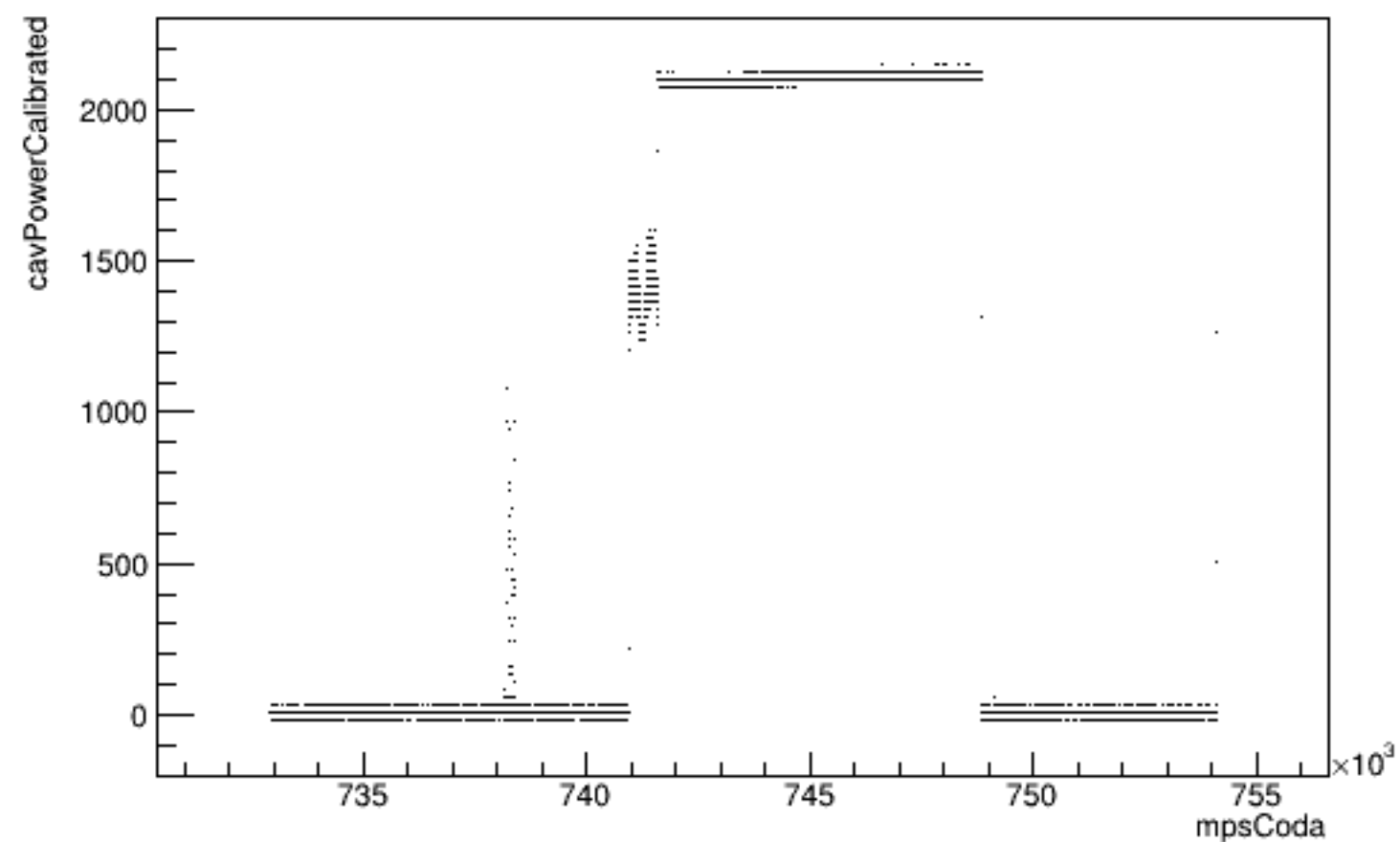
laserState:mpsCoda {mpsCoda>=732926 && mpsCoda<=754129}



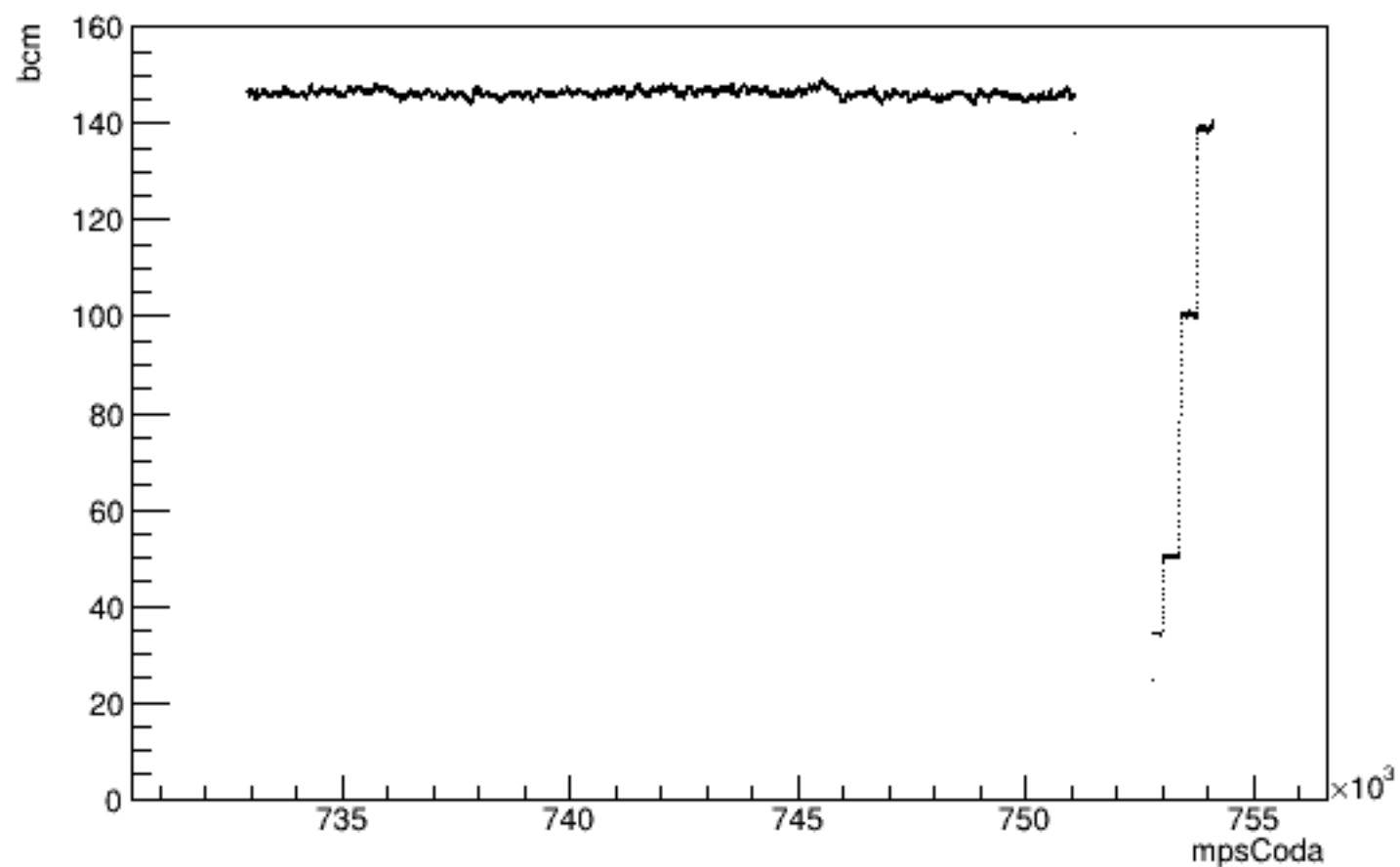
beamState + 1:mpsCoda {mpsCoda>=732926 && mpsCoda<=754129}



cavPowerCalibrated:mpsCoda {mpsCoda>=732926 && mpsCoda<=754129}



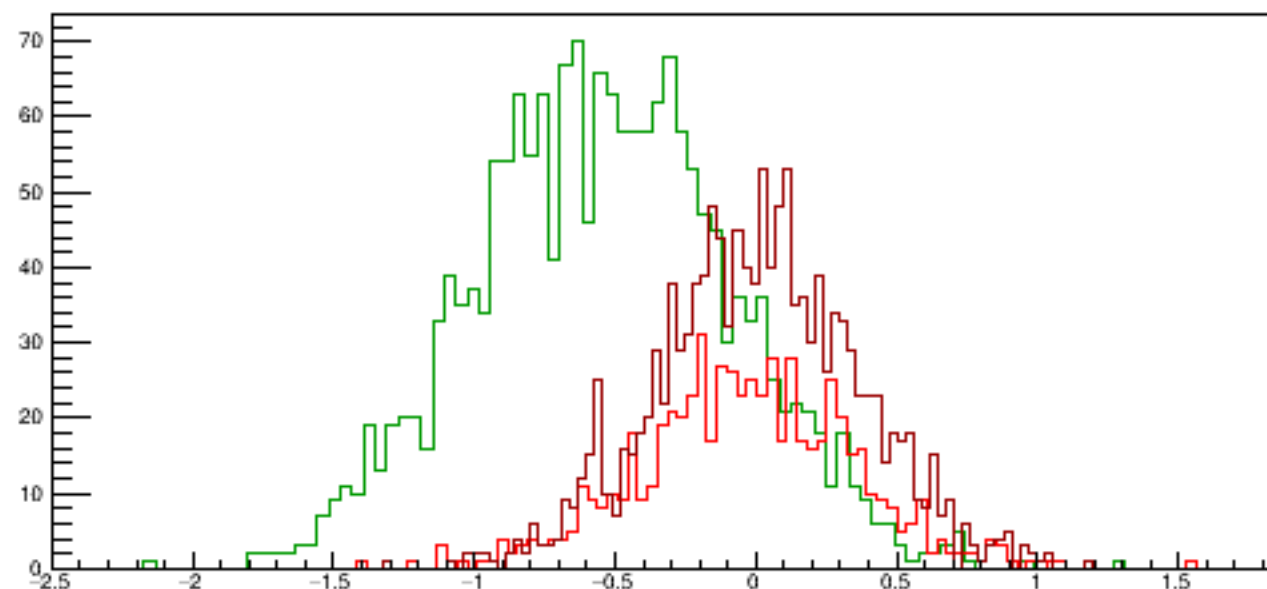
bcm:mpsCoda {mpsCoda>=732926 && mpsCoda<=754129}



Cycle 27, Diffs

Entries: 648	Entries: 1808	Entries: 1332
Mean: -0.0404 +/- 0.0151	Mean: -0.5381 +/- 0.0108	Mean: 0.0053 +/- 0.0099
Std Dev: 0.3843 +/- 0.0107	Std Dev: 0.4578 +/- 0.0076	Std Dev: 0.3602 +/- 0.0070

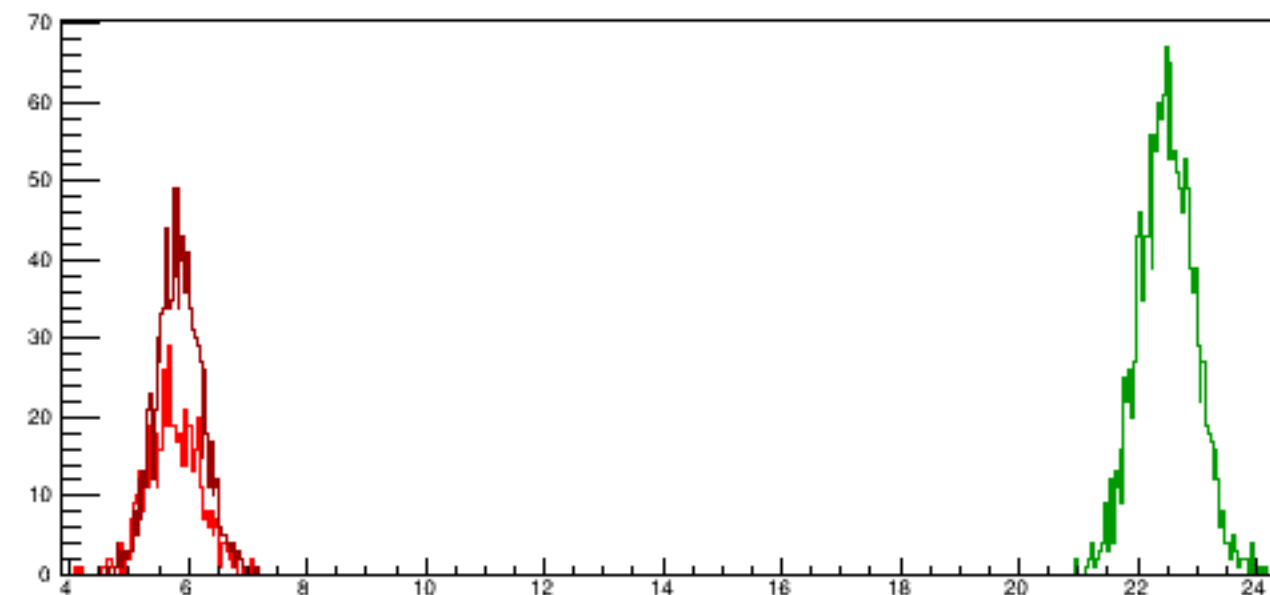
Run 6166 quartetwise, Diffs



Cycle 27, Sums

Entries: 648	Entries: 1808	Entries: 1332
Mean: 5.7494 +/- 0.0173	Mean: 22.4926 +/- 0.0111	Mean: 5.8317 +/- 0.0105
Std Dev: 0.4411 +/- 0.0123	Std Dev: 0.4726 +/- 0.0079	Std Dev: 0.3847 +/- 0.0075

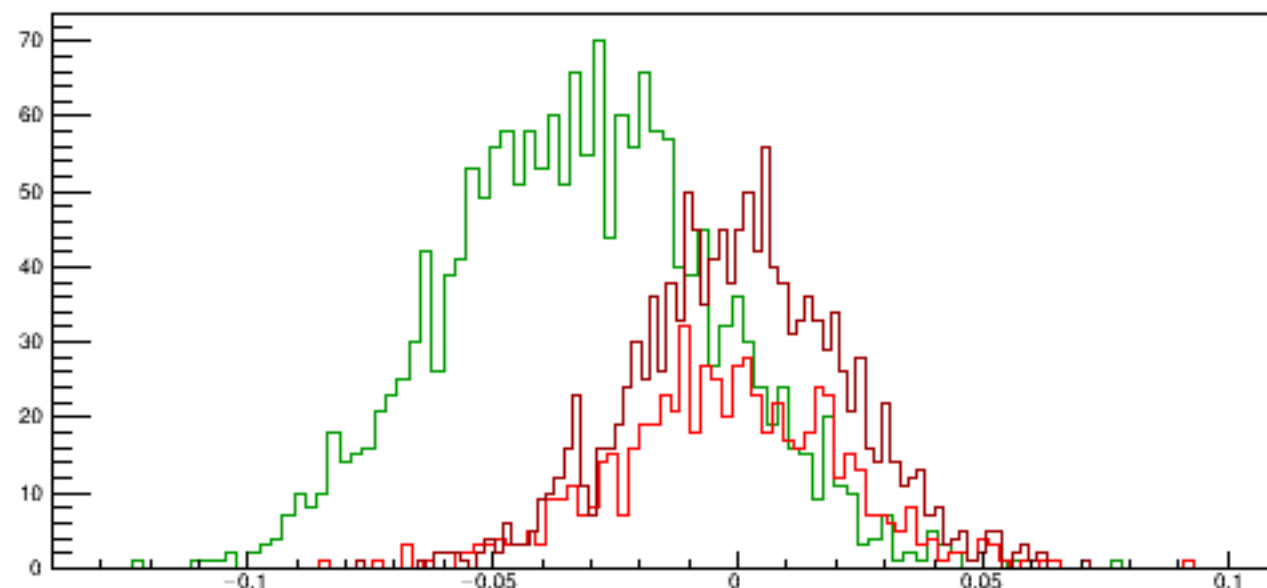
Run 6166 quartetwise, Sums



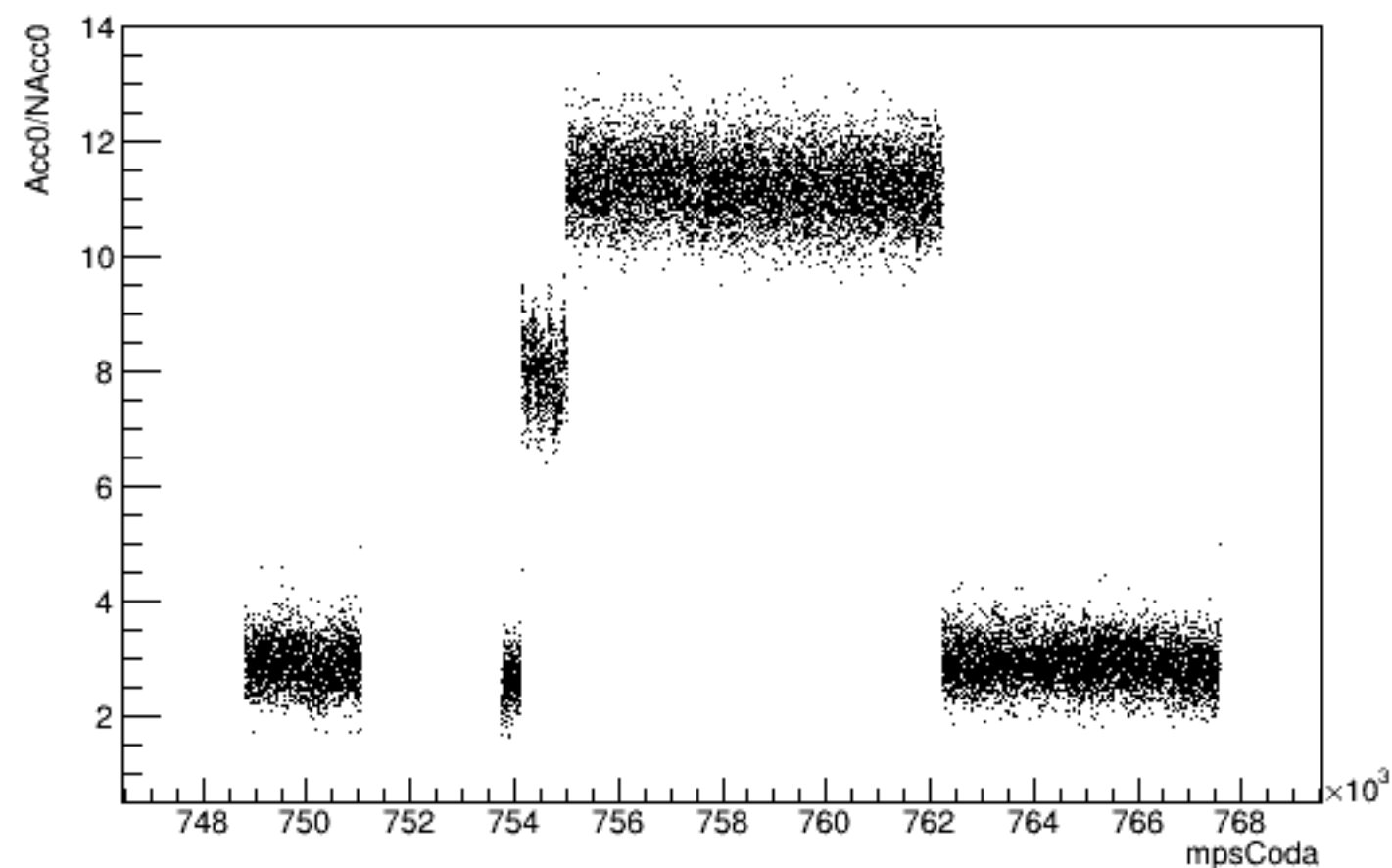
Cycle 27, Asyms

Entries: 648	Entries: 1808	Entries: 1332
Mean: -0.0024 +/- 0.0009	Mean: -0.0322 +/- 0.0006	Mean: 0.0003 +/- 0.0006
Std Dev: 0.0230 +/- 0.0006	Std Dev: 0.0274 +/- 0.0005	Std Dev: 0.0216 +/- 0.0004

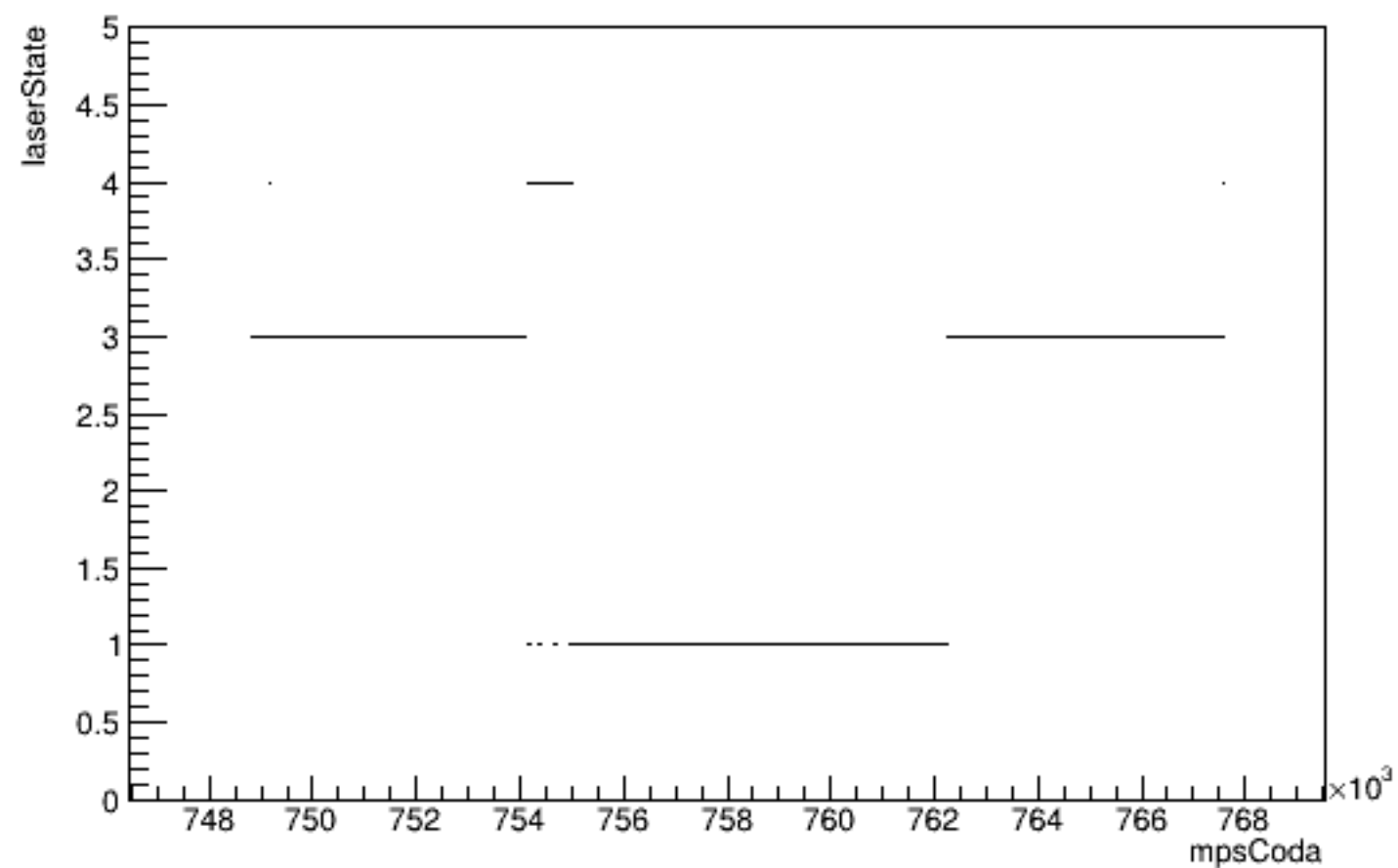
Run 6166 quartetwise, Asyms



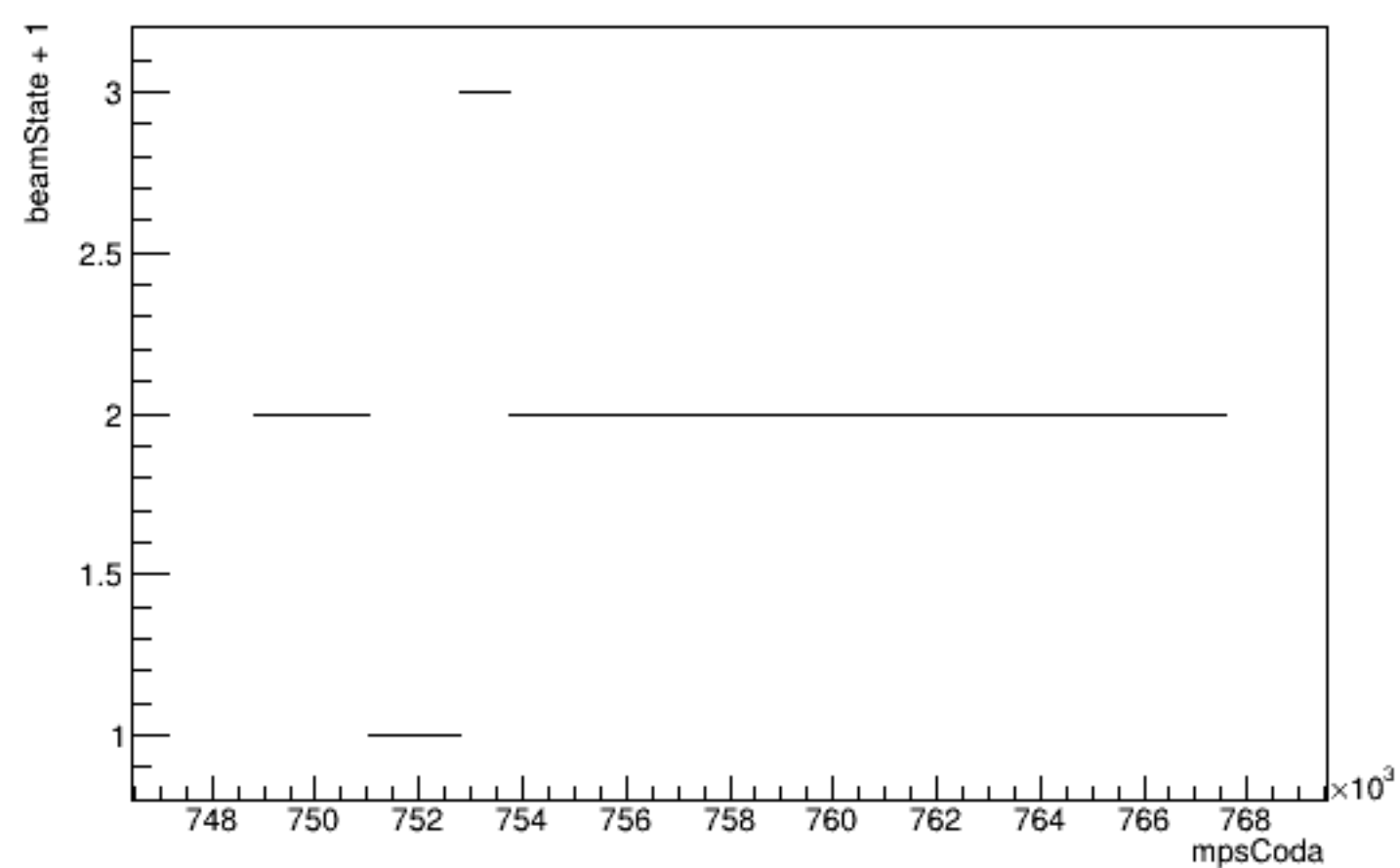
Acc0/NAcc0:mpsCoda (mpsCoda>=748822 && mpsCoda<=767565 && beamState==1)



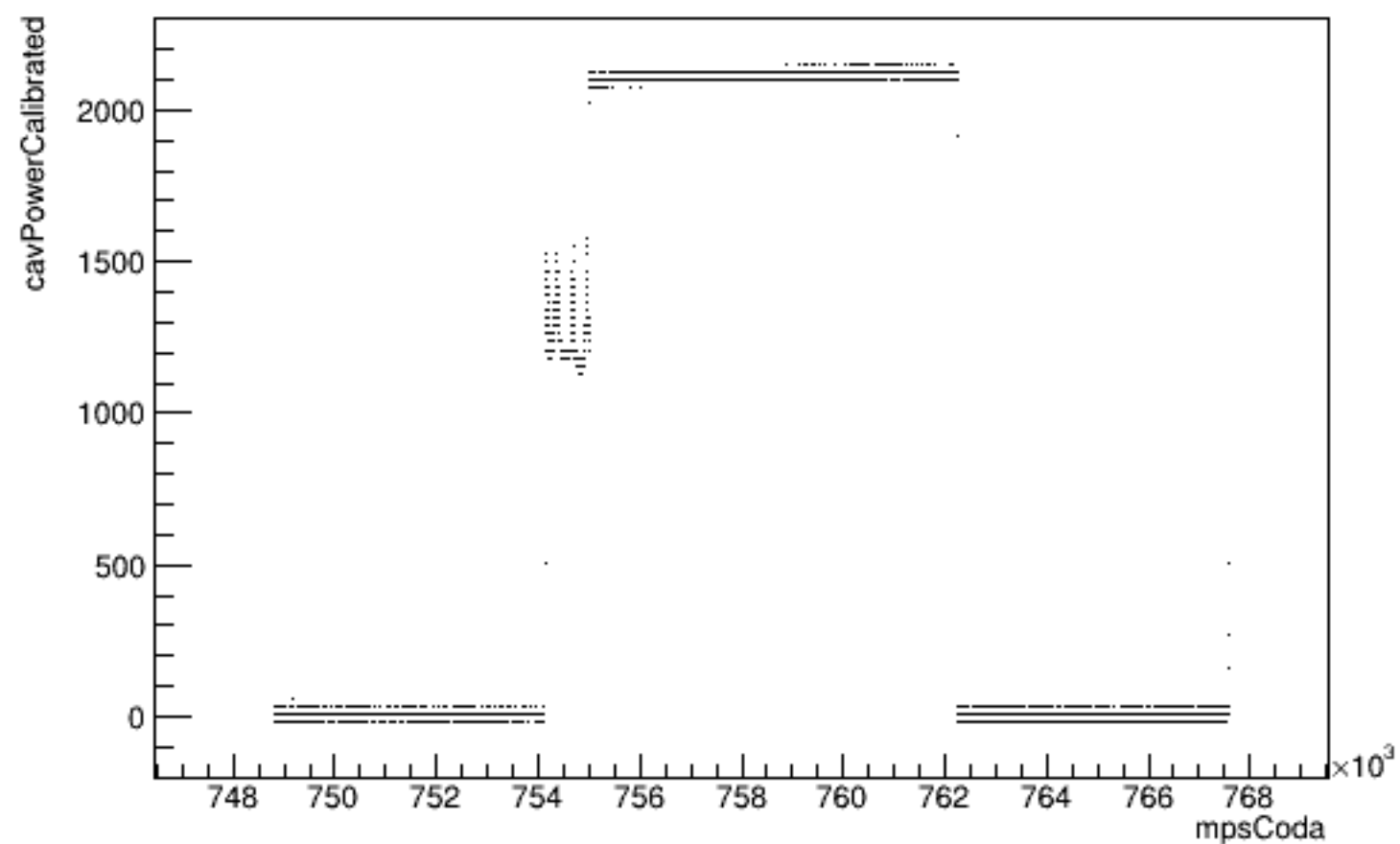
laserState:mpsCoda {mpsCoda>=748822 && mpsCoda<=767565}



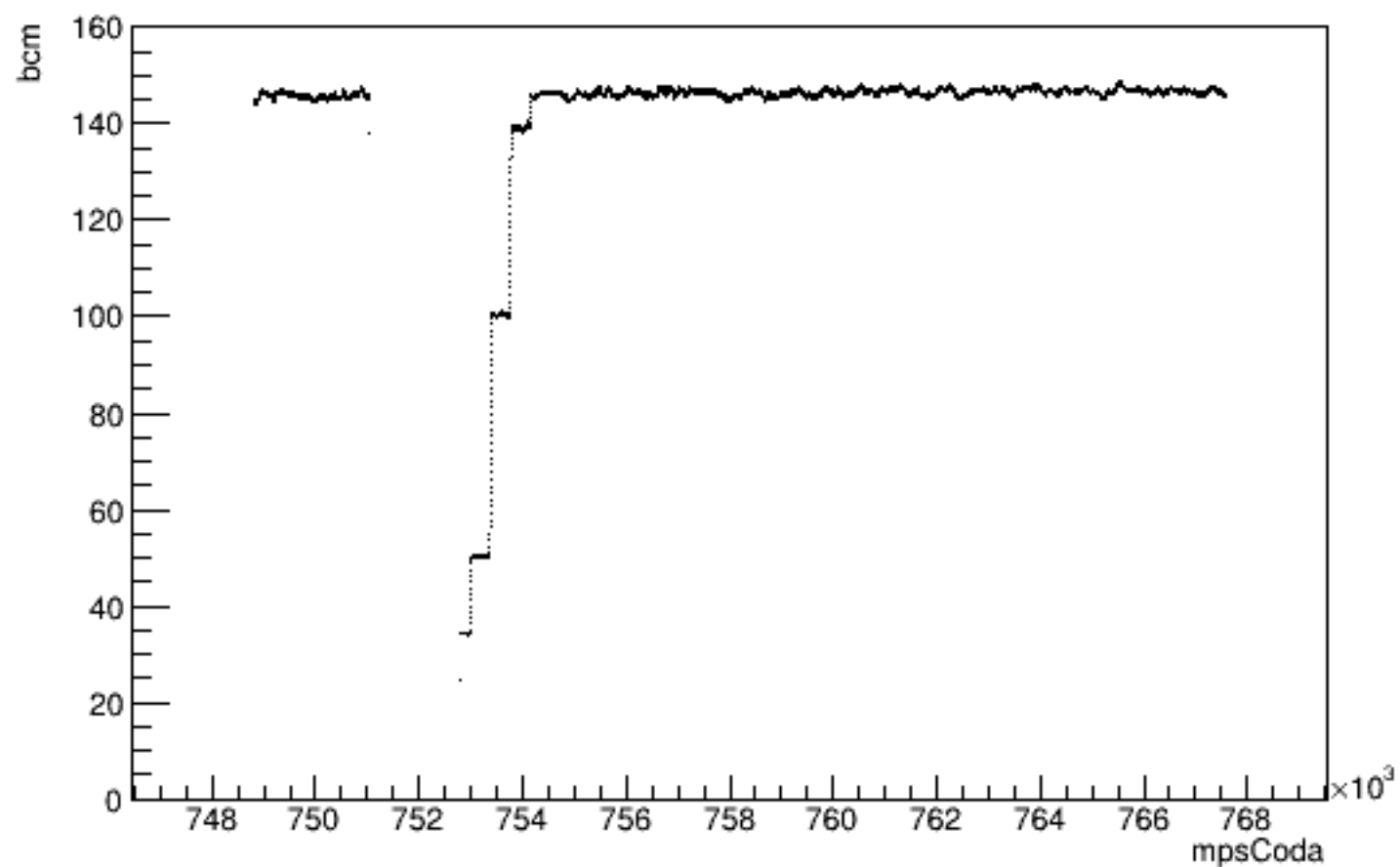
beamState + 1:mpsCoda {mpsCoda>=748822 && mpsCoda<=767565}



cavPowerCalibrated:mpsCoda {mpsCoda>=748822 && mpsCoda<=767565}



bcm:mpsCoda {mpsCoda>=748822 && mpsCoda<=767565}



Cycle 28, Diffs

Entries: 1332

Mean: 0.0053 +/- 0.0099

Std Dev: 0.3602 +/- 0.0070

Entries: 1803

Mean: -0.5335 +/- 0.0109

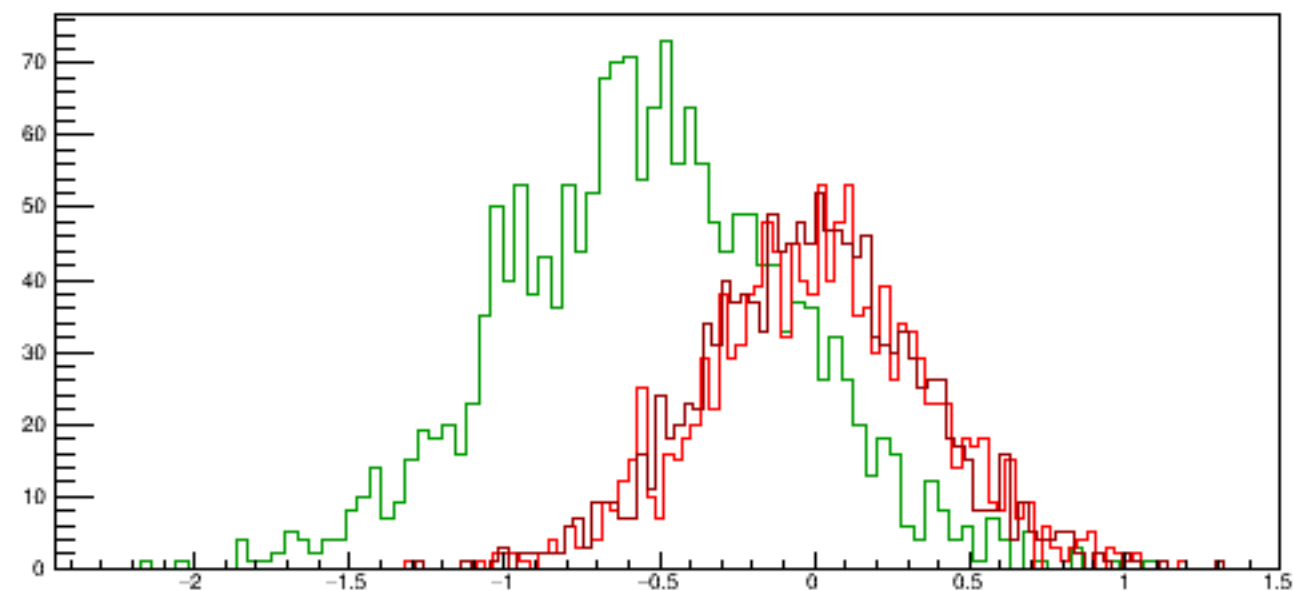
Std Dev: 0.4608 +/- 0.0077

Entries: 1336

Mean: -0.0159 +/- 0.0096

Std Dev: 0.3523 +/- 0.0068

Run 6166 quartetwise, Diffs



Cycle 28, Sums

Entries: 1332

Mean: 5.8317 +/- 0.0105

Std Dev: 0.3847 +/- 0.0075

Entries: 1803

Mean: 22.4314 +/- 0.0121

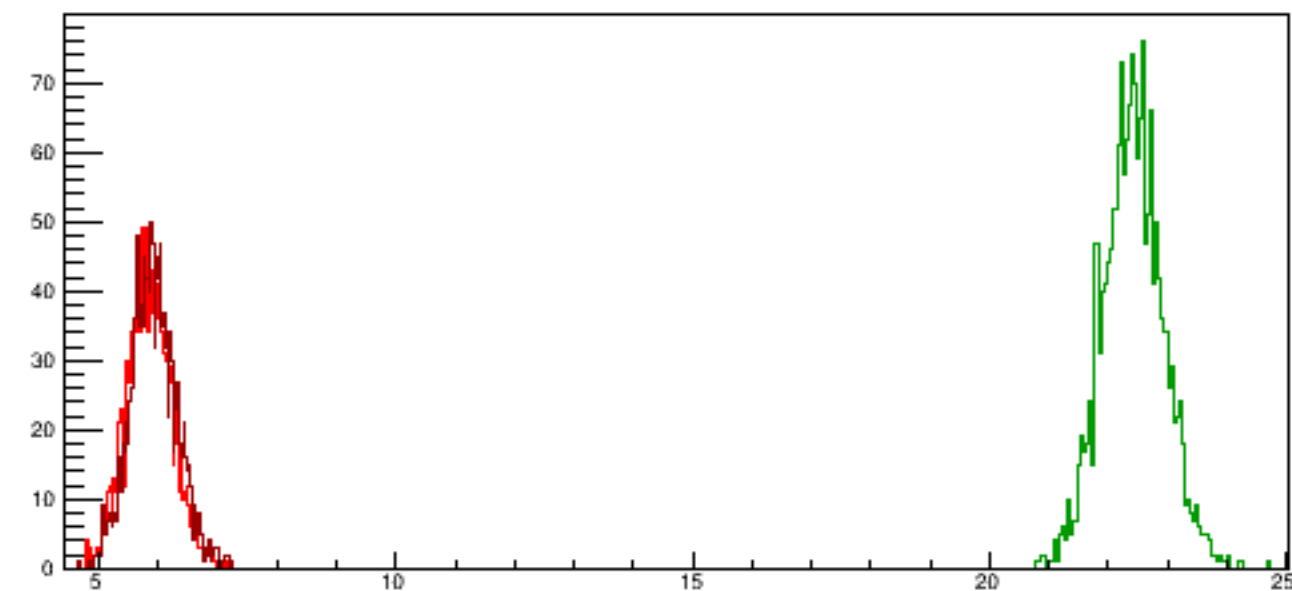
Std Dev: 0.5144 +/- 0.0086

Entries: 1336

Mean: 5.9103 +/- 0.0107

Std Dev: 0.3904 +/- 0.0076

Run 6166 quartetwise, Sums



Cycle 28, Asyms

Entries: 1332

Mean: 0.0003 +/- 0.0006

Std Dev: 0.0218 +/- 0.0004

Entries: 1803

Mean: -0.0322 +/- 0.0007

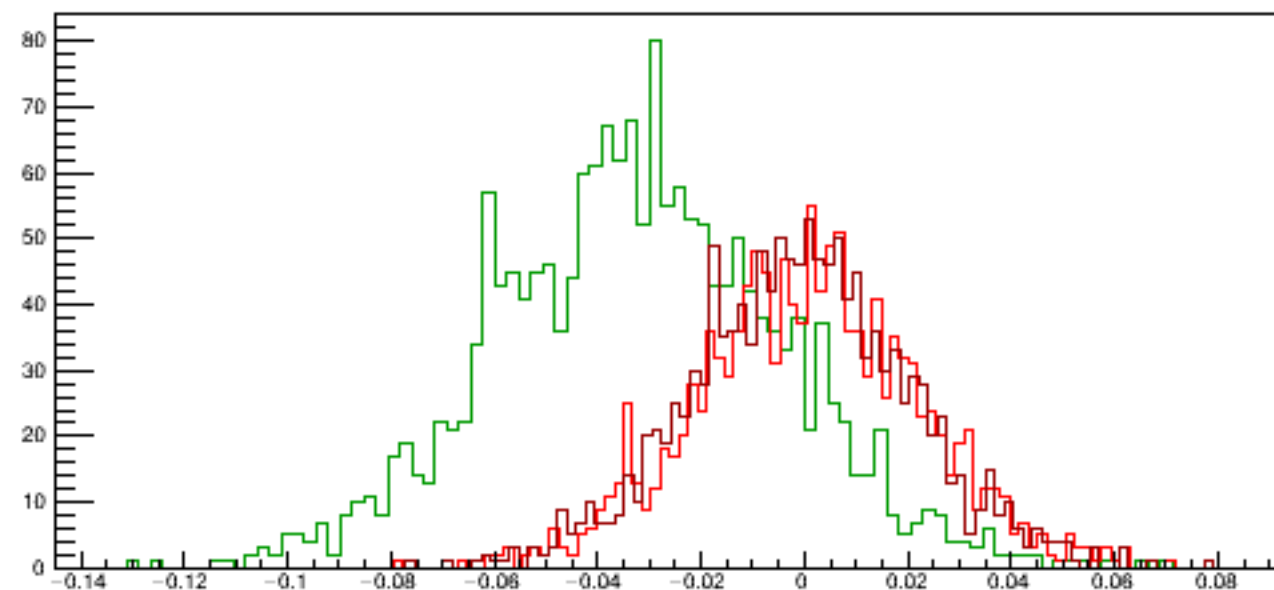
Std Dev: 0.0278 +/- 0.0005

Entries: 1336

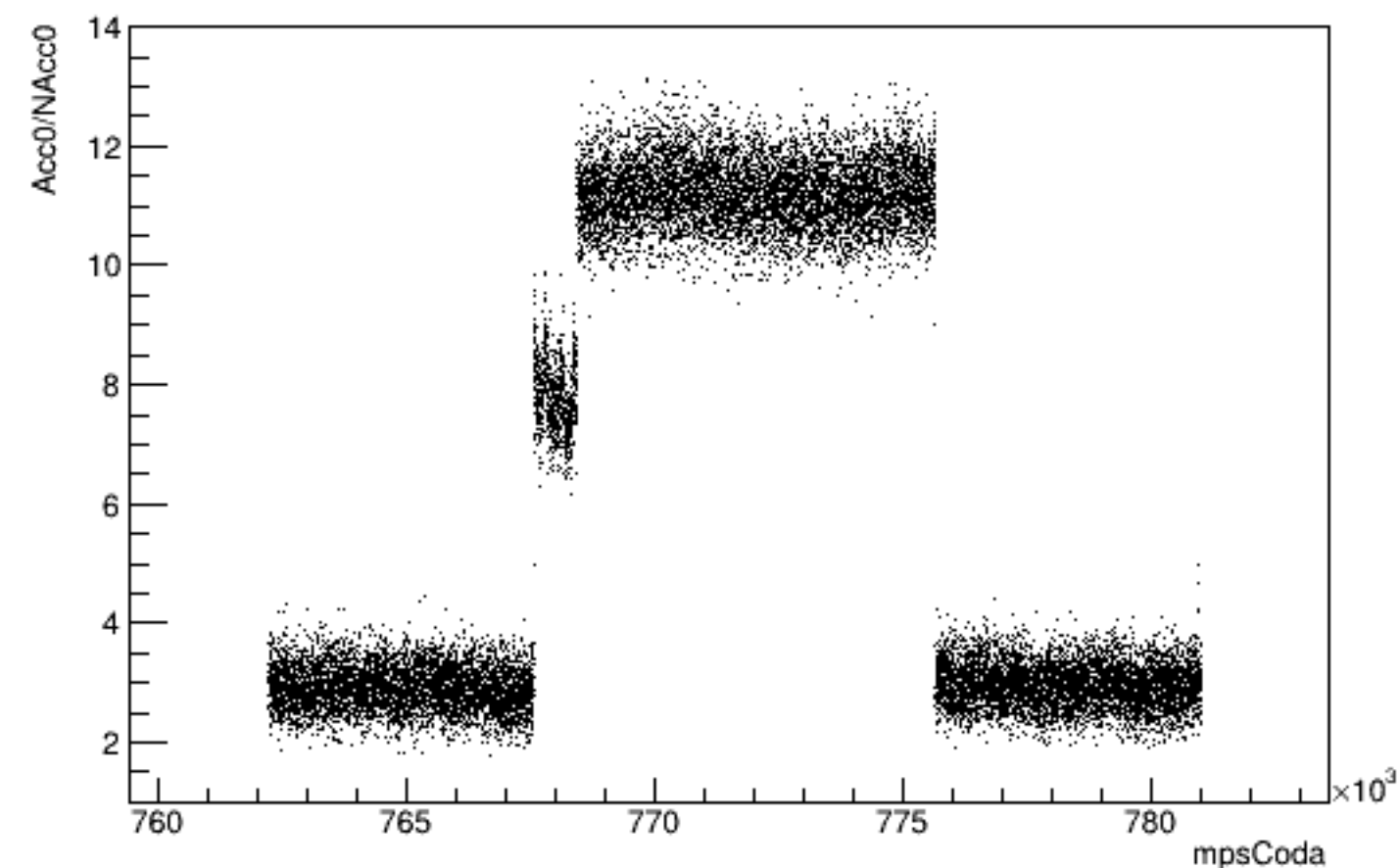
Mean: -0.0010 +/- 0.0006

Std Dev: 0.0213 +/- 0.0004

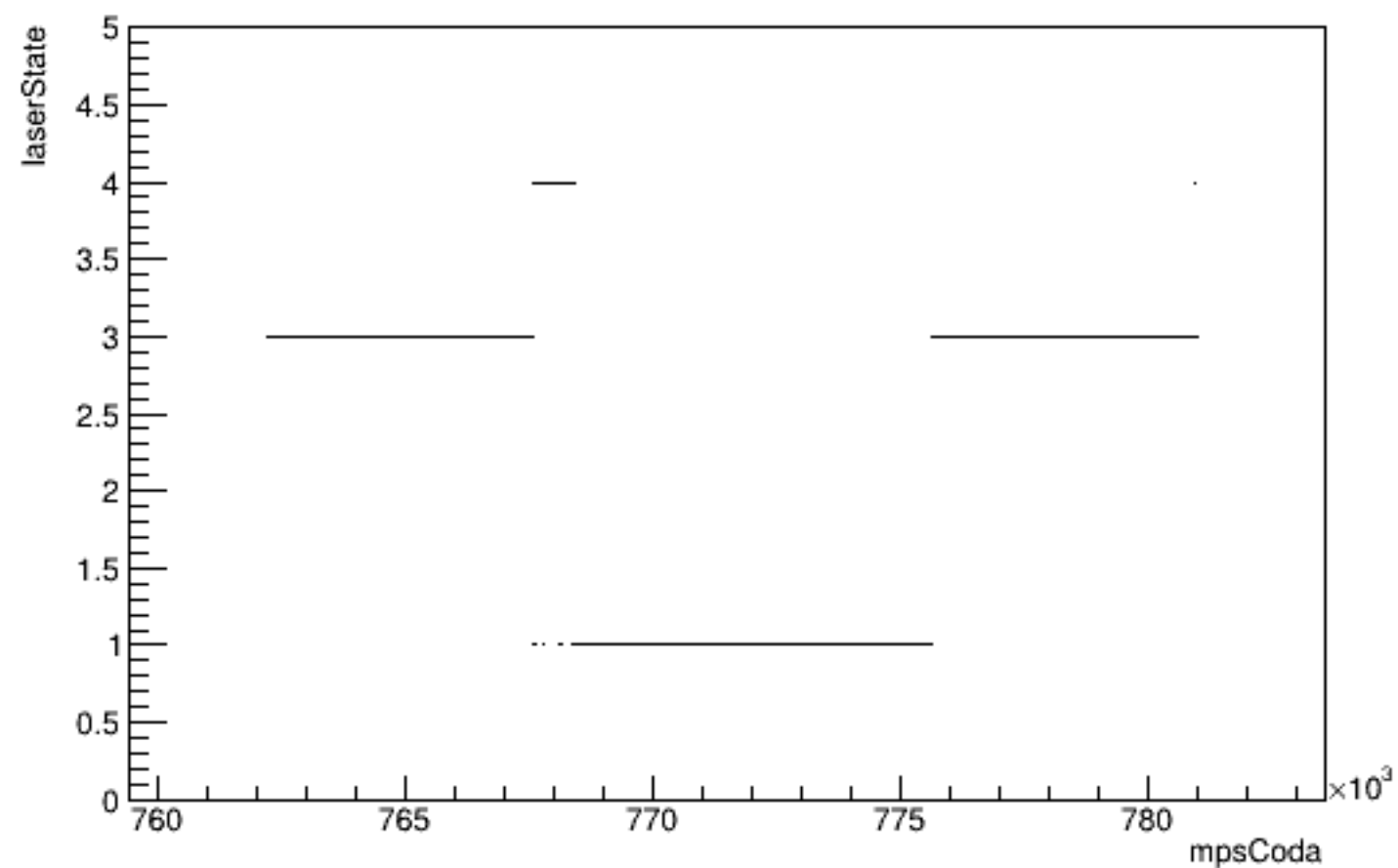
Run 6166 quartetwise, Asyms



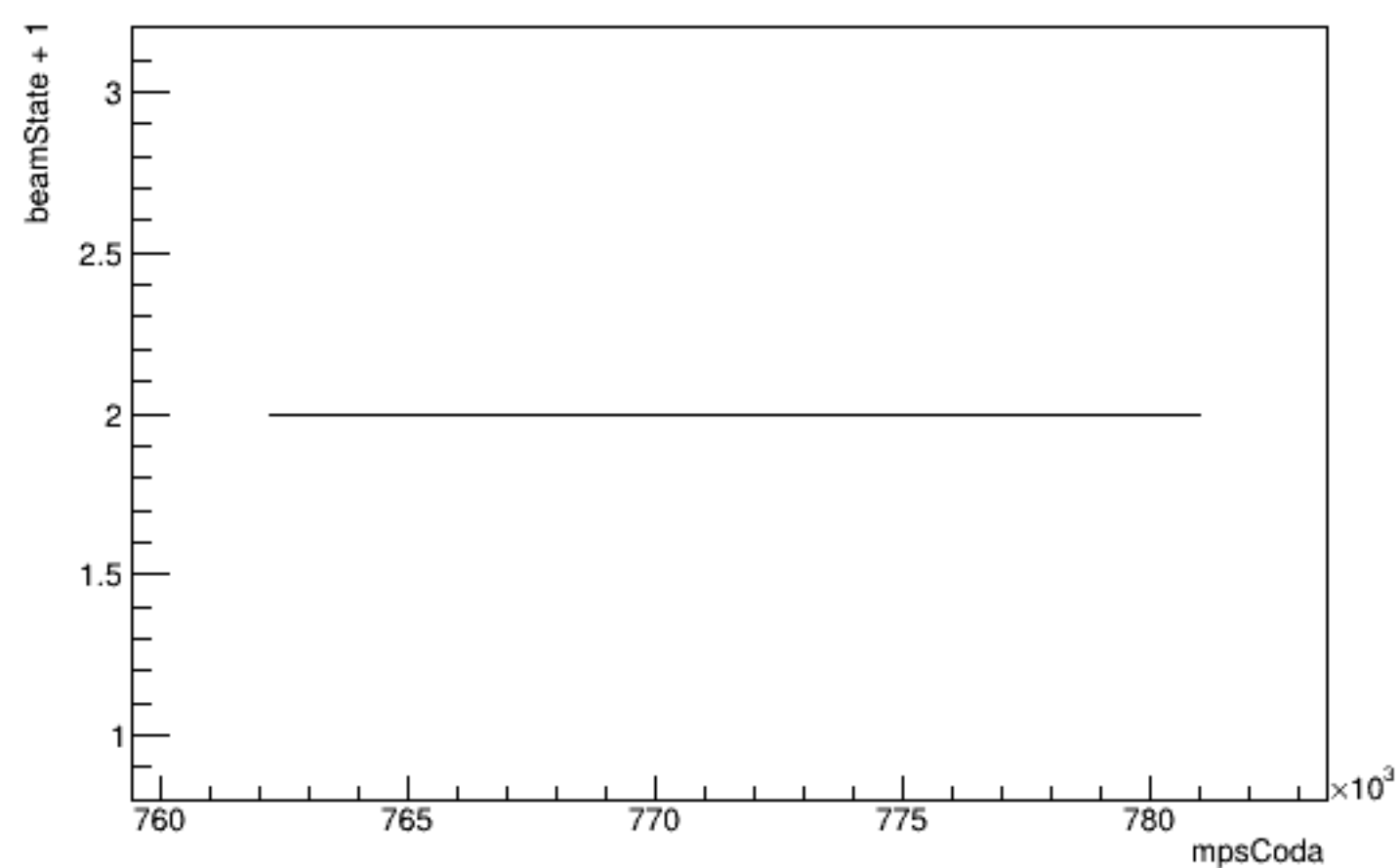
Acc0/NAcc0:mpsCoda (mpsCoda>=762234 && mpsCoda<=781001 && beamState==1)



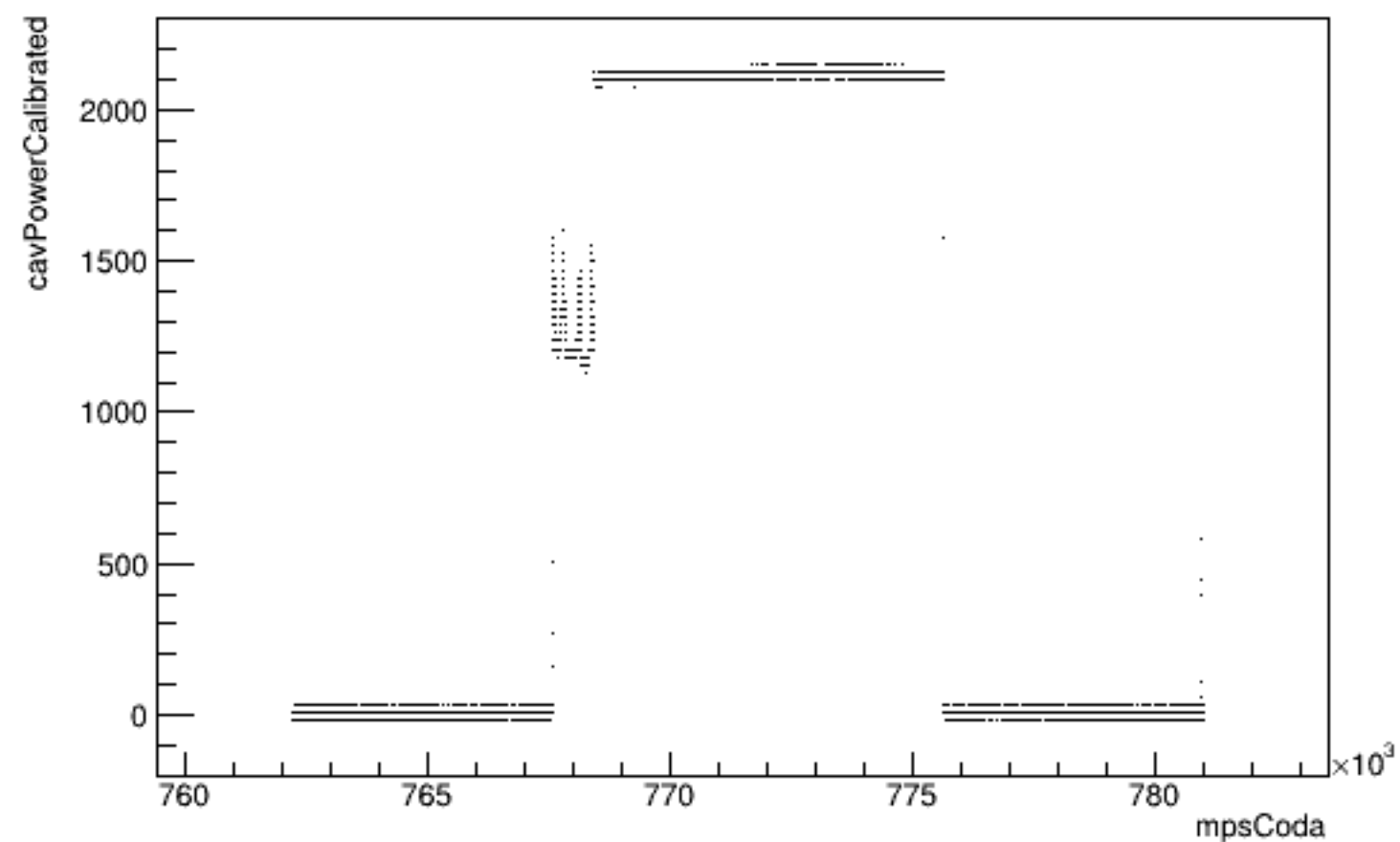
laserState:mpsCoda {mpsCoda>=762234 && mpsCoda<=781001}



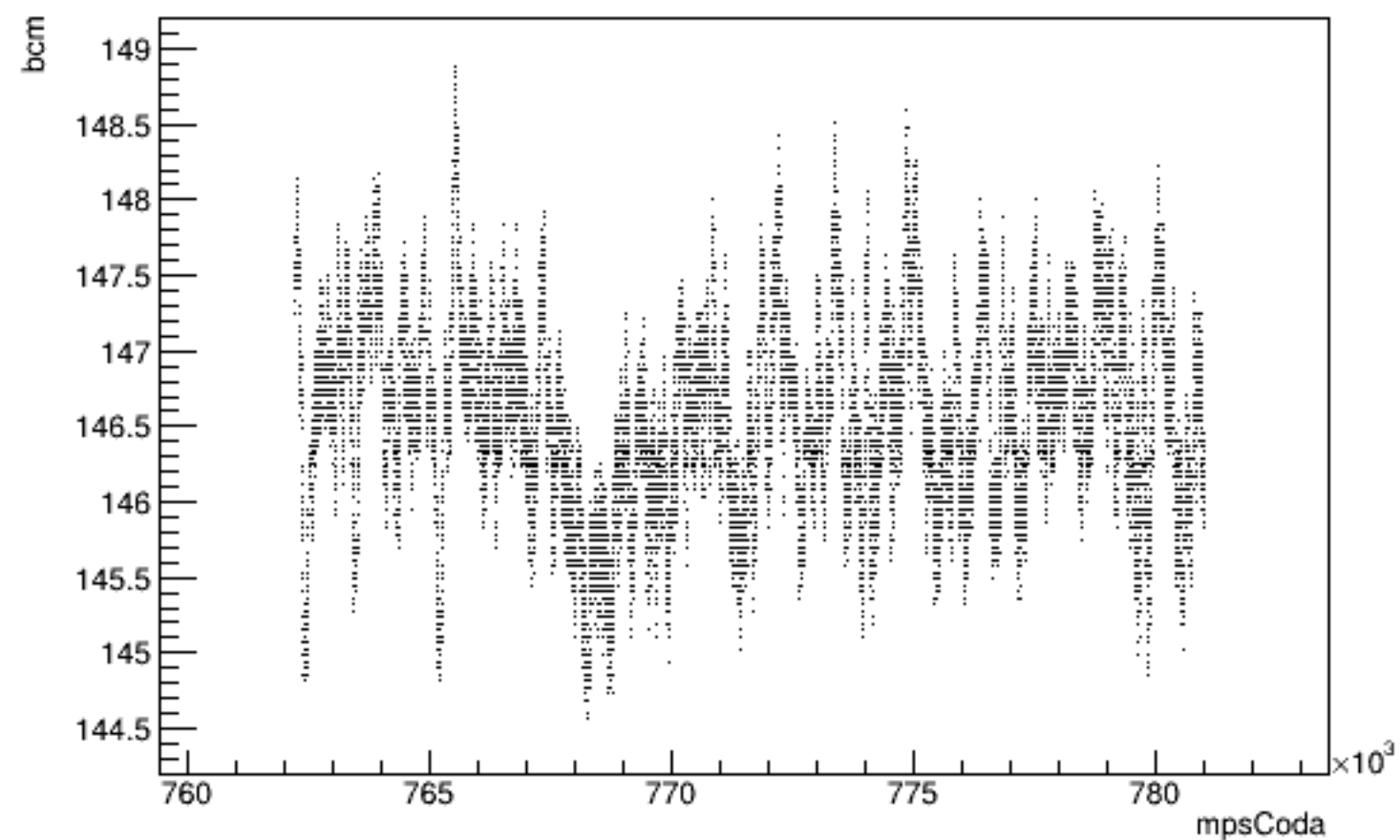
beamState + 1:mpsCoda {mpsCoda>=762234 && mpsCoda<=781001}



cavPowerCalibrated:mpsCoda {mpsCoda>=762234 && mpsCoda<=781001}



bcm:mpsCoda {mpsCoda>=762234 && mpsCoda<=781001}



Cycle 29, Diffs

Entries: 1321

Mean: 0.0059 +/- 0.0098

Std Dev: 0.3556 +/- 0.0069

Entries: 898

Mean: -0.5458 +/- 0.0151

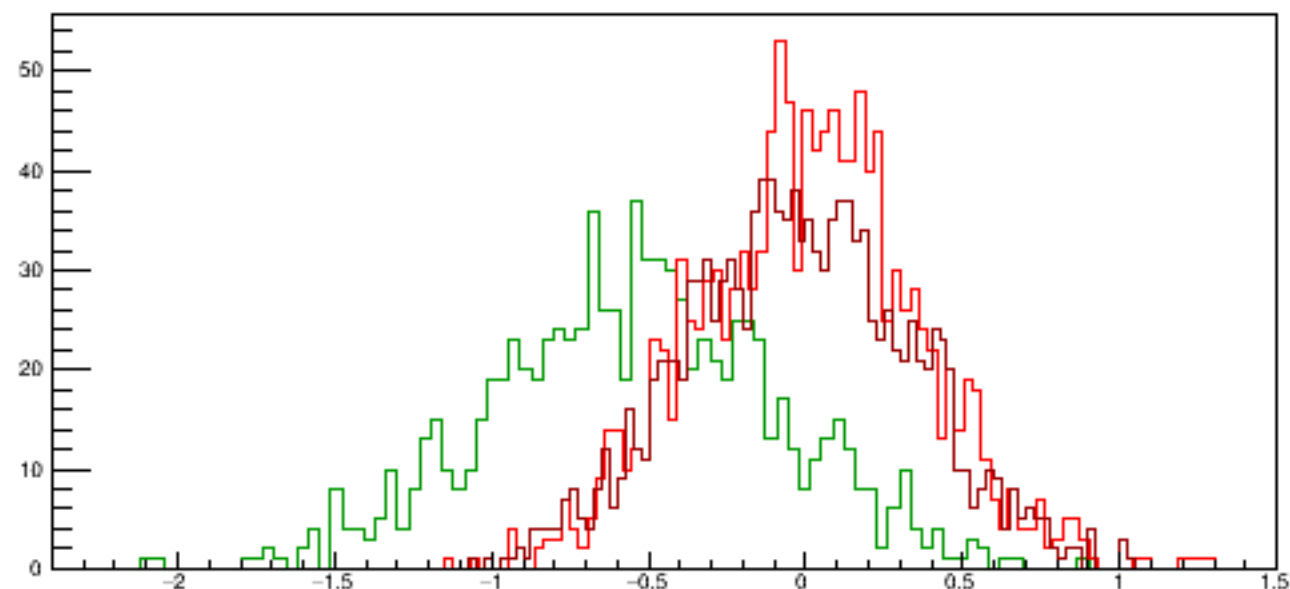
Std Dev: 0.4534 +/- 0.0107

Entries: 1328

Mean: -0.0250 +/- 0.0099

Std Dev: 0.3601 +/- 0.0070

Run 6166 quartetwise, Diffs



Cycle 29, Sums

Entries: 1321

Mean: 5.6762 +/- 0.0105

Std Dev: 0.3814 +/- 0.0074

Entries: 898

Mean: 22.4046 +/- 0.0204

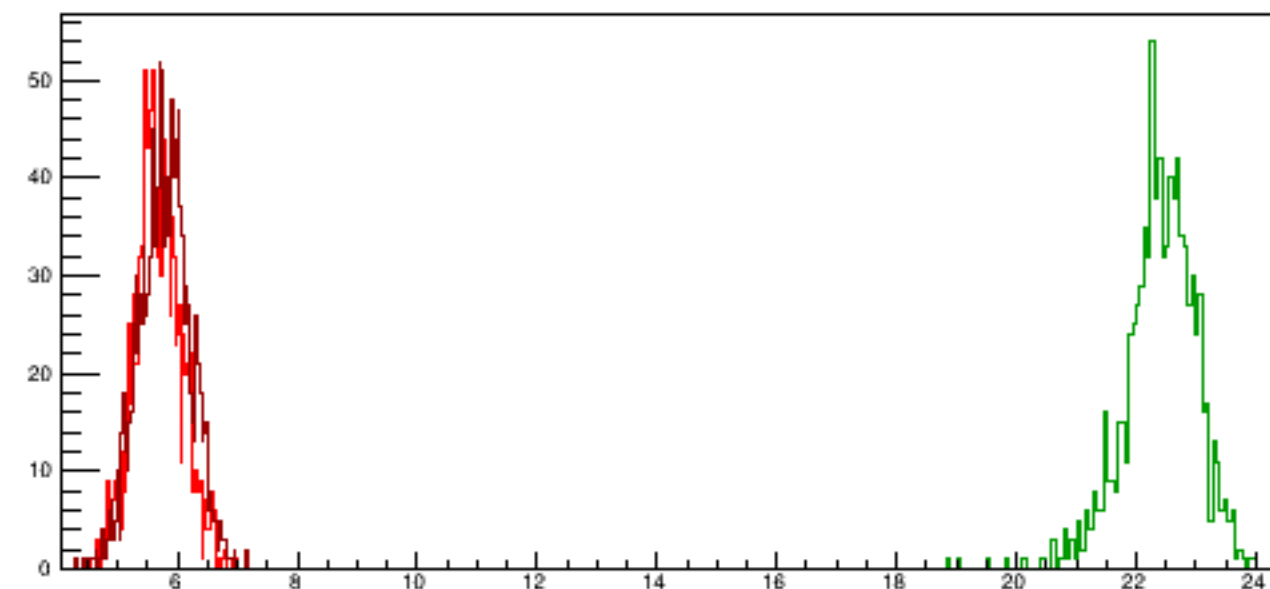
Std Dev: 0.6124 +/- 0.0145

Entries: 1328

Mean: 5.7748 +/- 0.0116

Std Dev: 0.4222 +/- 0.0082

Run 6166 quartetwise, Sums



Cycle 29, Asyms

Entries: 1321

Mean: 0.0004 +/- 0.0006

Std Dev: 0.0213 +/- 0.0004

Entries: 898

Mean: -0.0327 +/- 0.0009

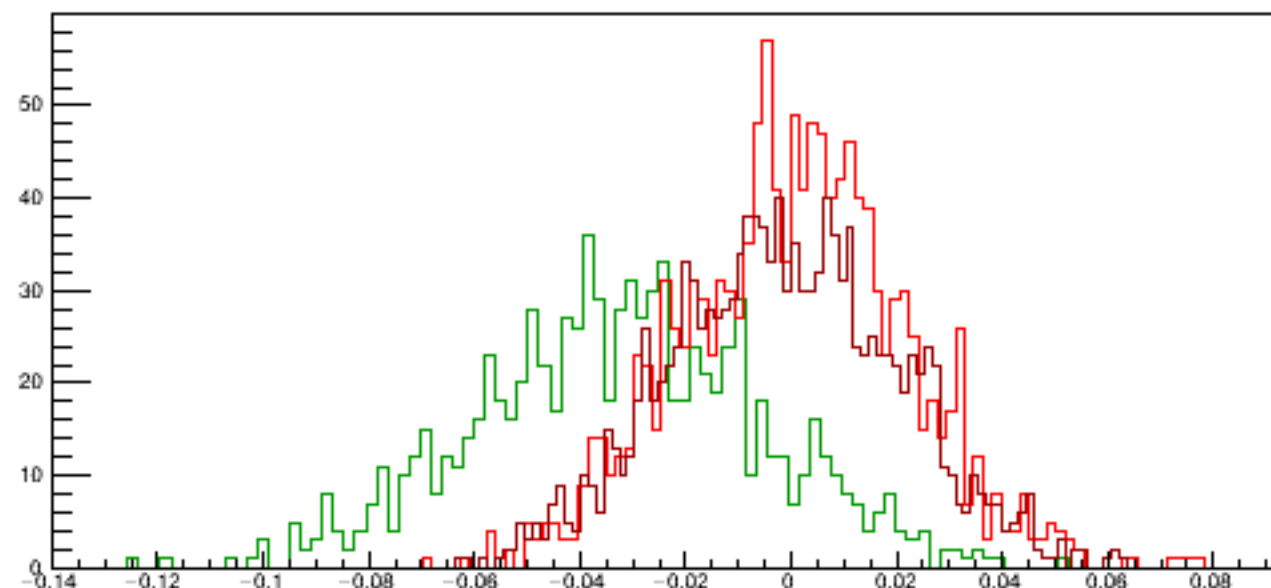
Std Dev: 0.0272 +/- 0.0006

Entries: 1328

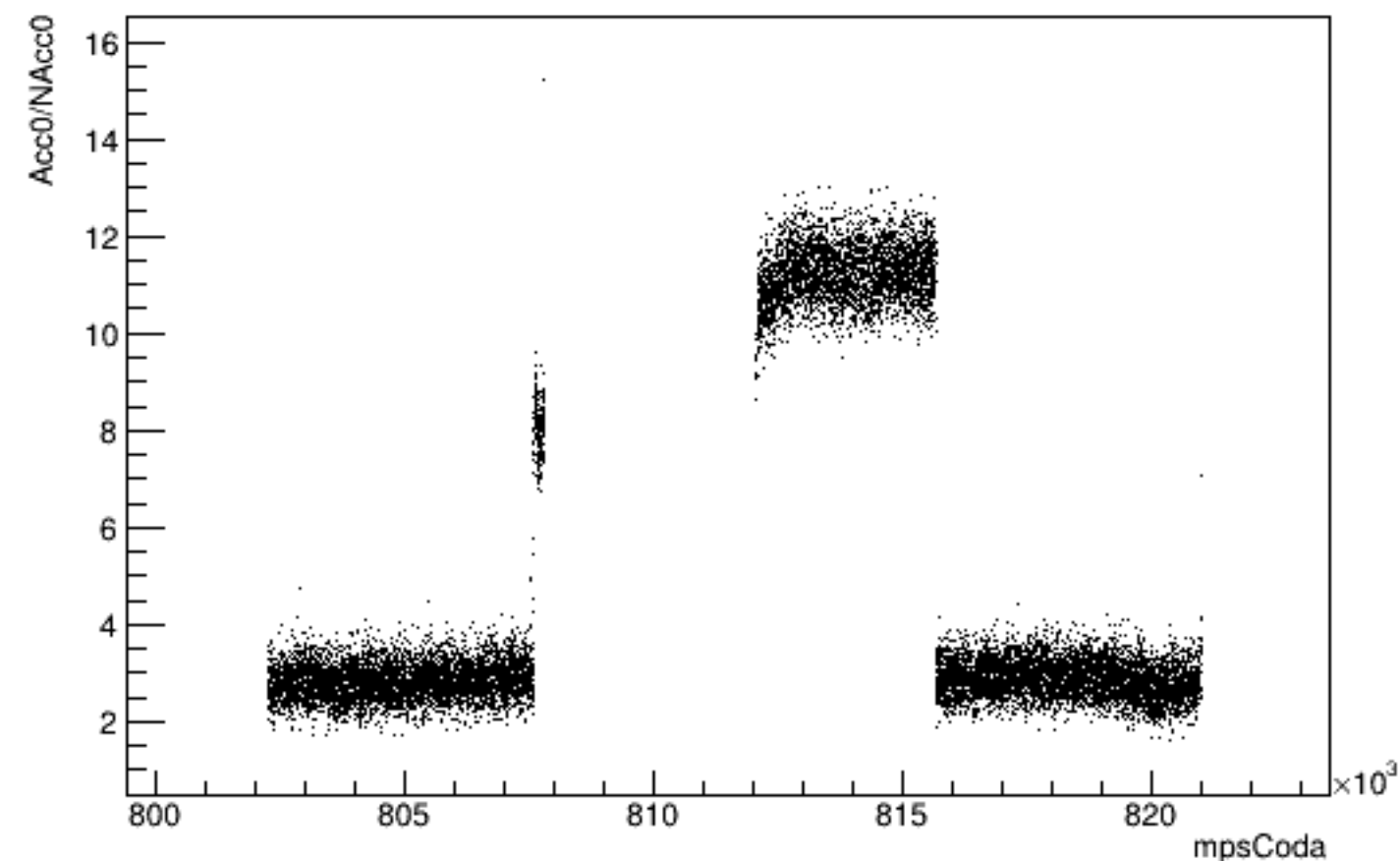
Mean: -0.0015 +/- 0.0006

Std Dev: 0.0216 +/- 0.0004

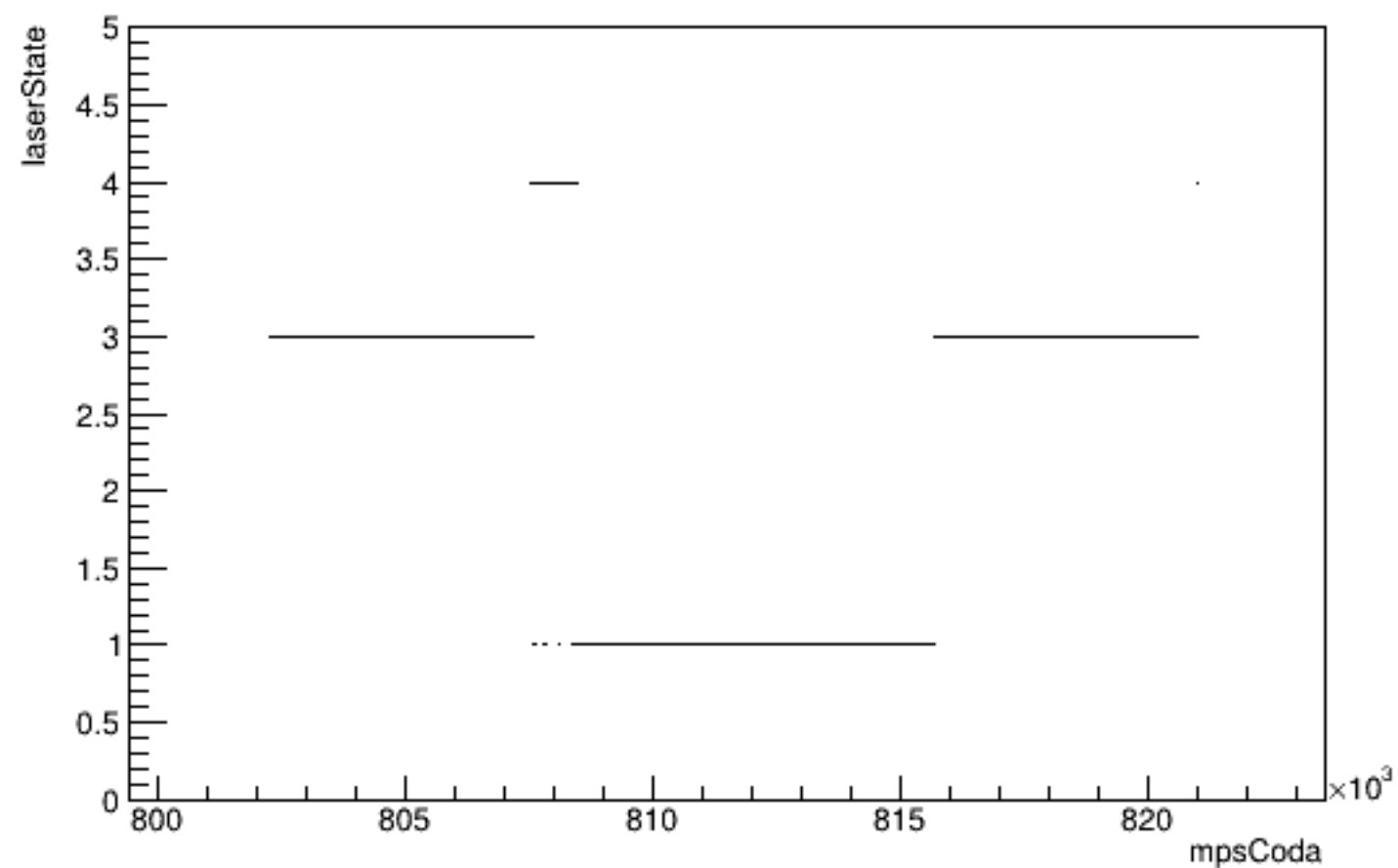
Run 6166 quartetwise, Asyms



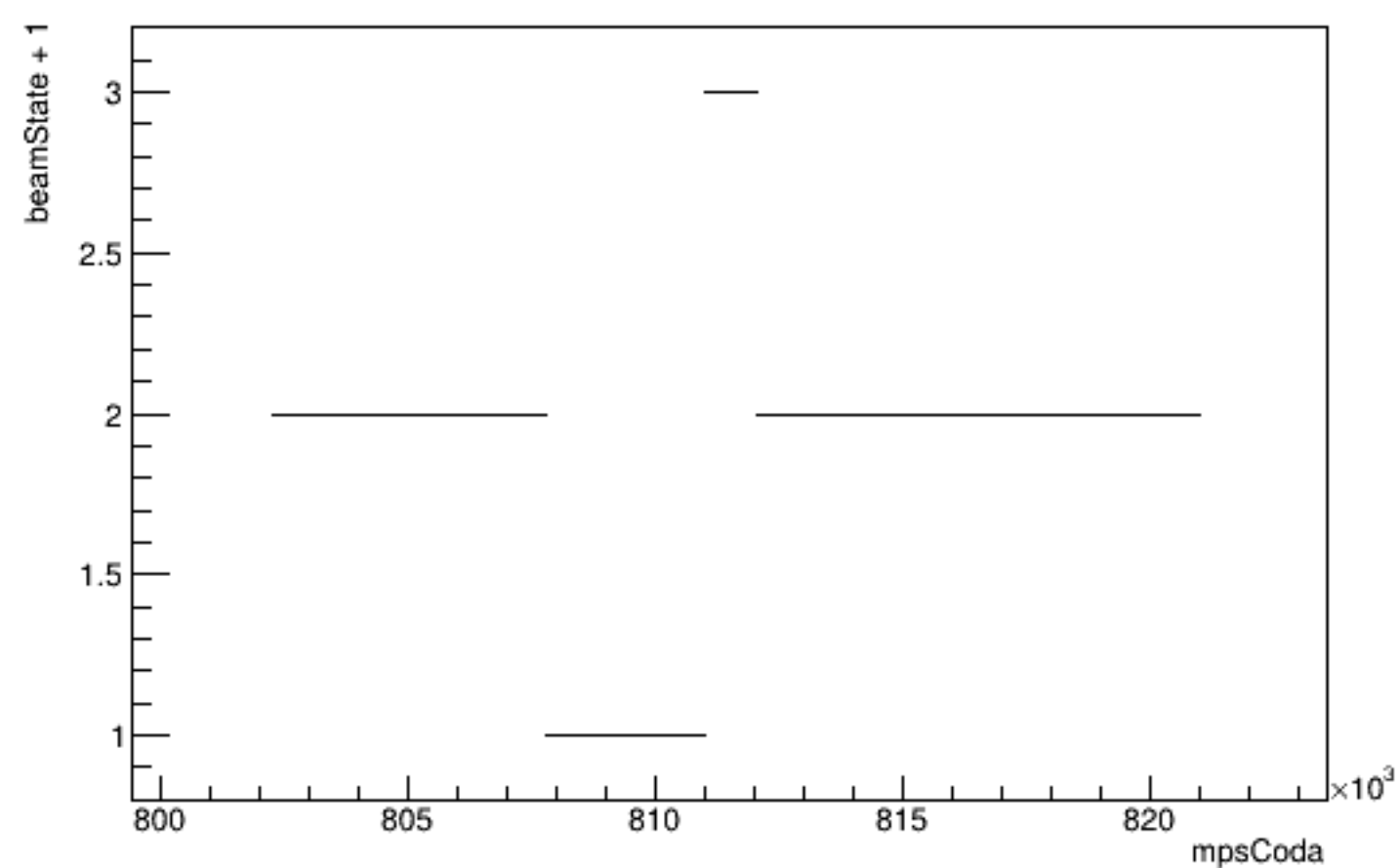
Acc0/NAcc0:mpsCoda (mpsCoda>=802266 && mpsCoda<=820985 && beamState==1)



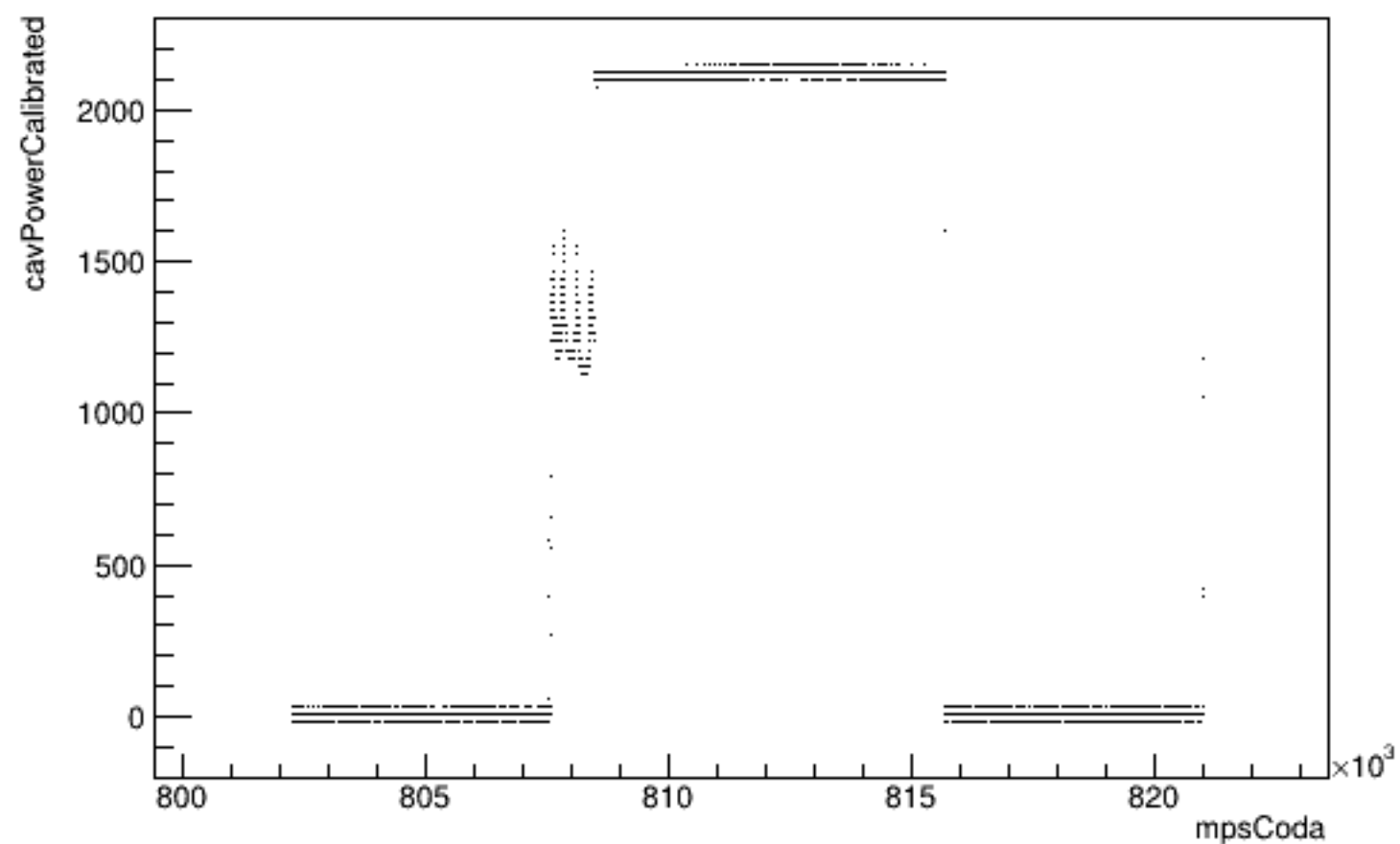
laserState:mpsCoda {mpsCoda>=802266 && mpsCoda<=820985}



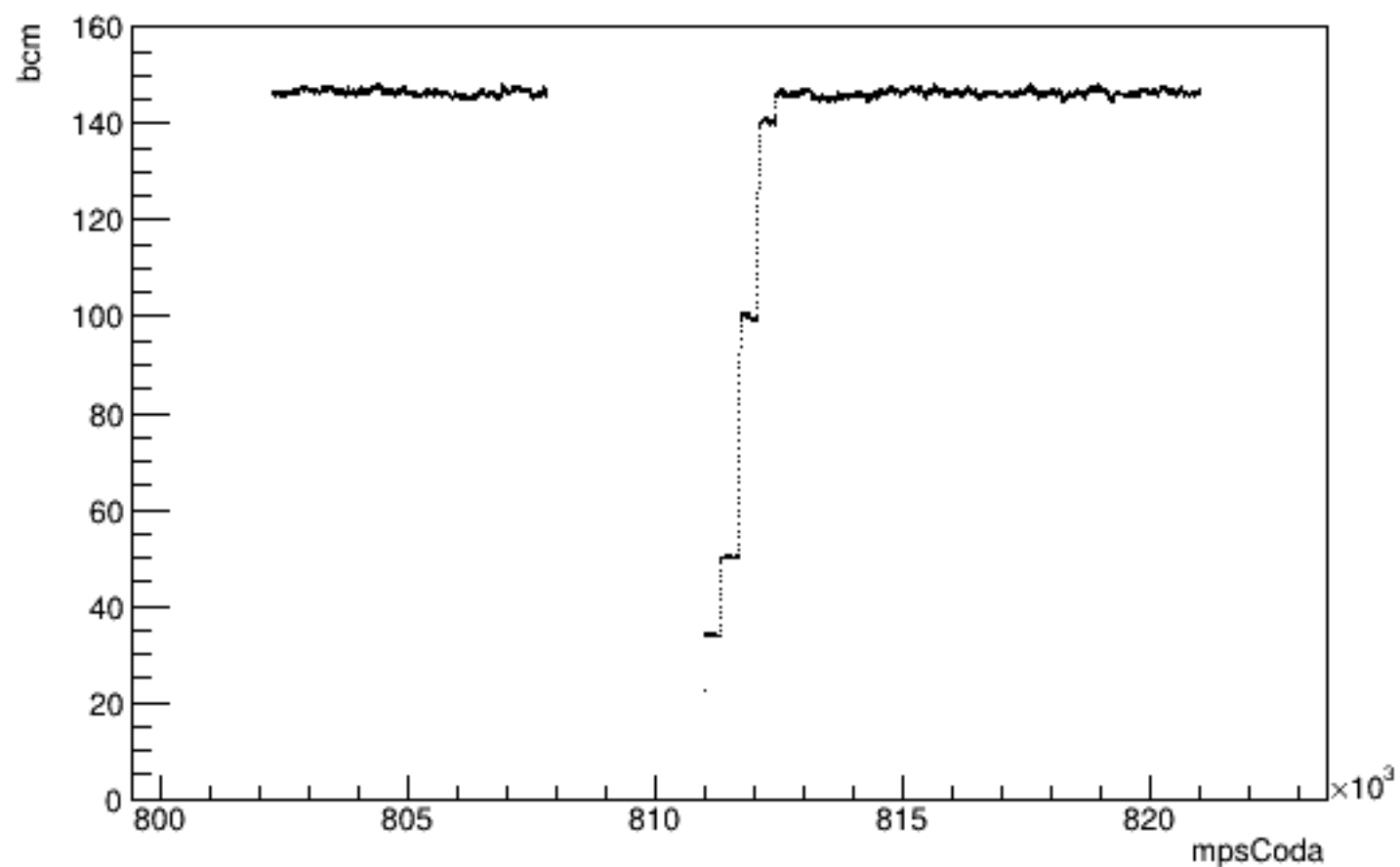
beamState + 1:mpsCoda {mpsCoda>=802266 && mpsCoda<=820985}



cavPowerCalibrated:mpsCoda {mpsCoda>=802266 && mpsCoda<=820985}



bcm:mpsCoda {mpsCoda>=802266 && mpsCoda<=820985}



Cycle 30, Diffs

Entries: 1328

Mean: -0.0250 +/- 0.0099

Std Dev: 0.3601 +/- 0.0070

Entries: 1808

Mean: -0.5294 +/- 0.0107

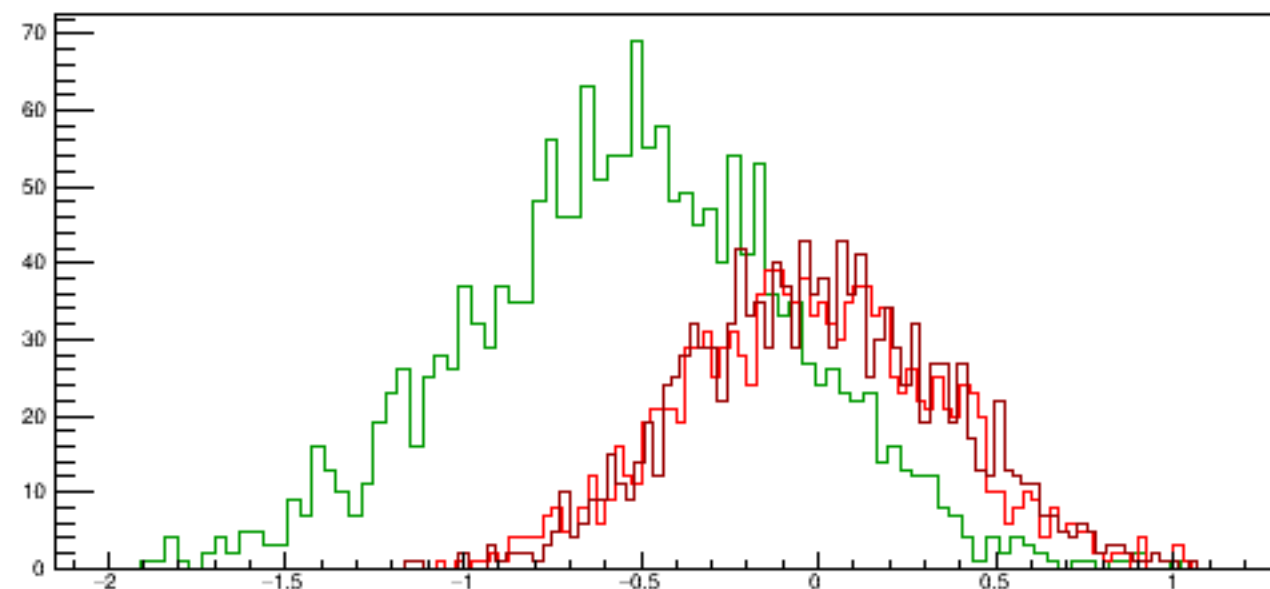
Std Dev: 0.4554 +/- 0.0076

Entries: 1328

Mean: -0.0068 +/- 0.0098

Std Dev: 0.3583 +/- 0.0070

Run 6166 quartetwise, Diffs



Cycle 30, Sums

Entries: 1328

Mean: 5.7748 +/- 0.0116

Std Dev: 0.4222 +/- 0.0082

Entries: 1808

Mean: 22.3817 +/- 0.0115

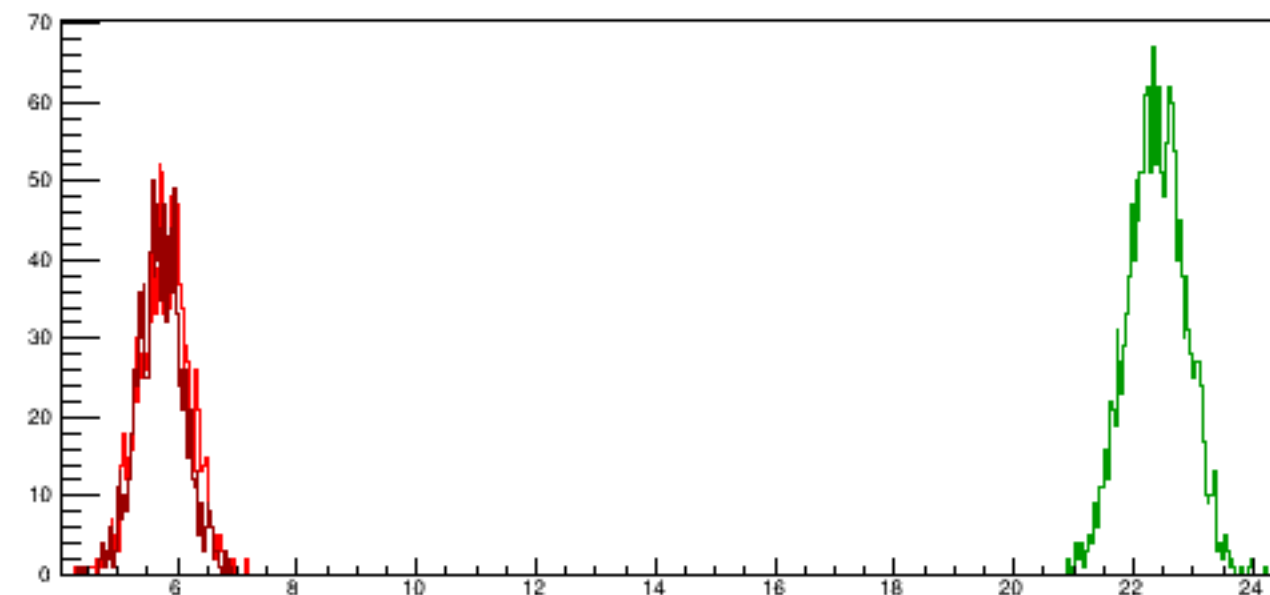
Std Dev: 0.4908 +/- 0.0082

Entries: 1328

Mean: 5.7282 +/- 0.0104

Std Dev: 0.3799 +/- 0.0074

Run 6166 quartetwise, Sums



Cycle 30, Asyms

Entries: 1328

Mean: -0.0015 +/- 0.0006

Std Dev: 0.0217 +/- 0.0004

Entries: 1808

Mean: -0.0318 +/- 0.0006

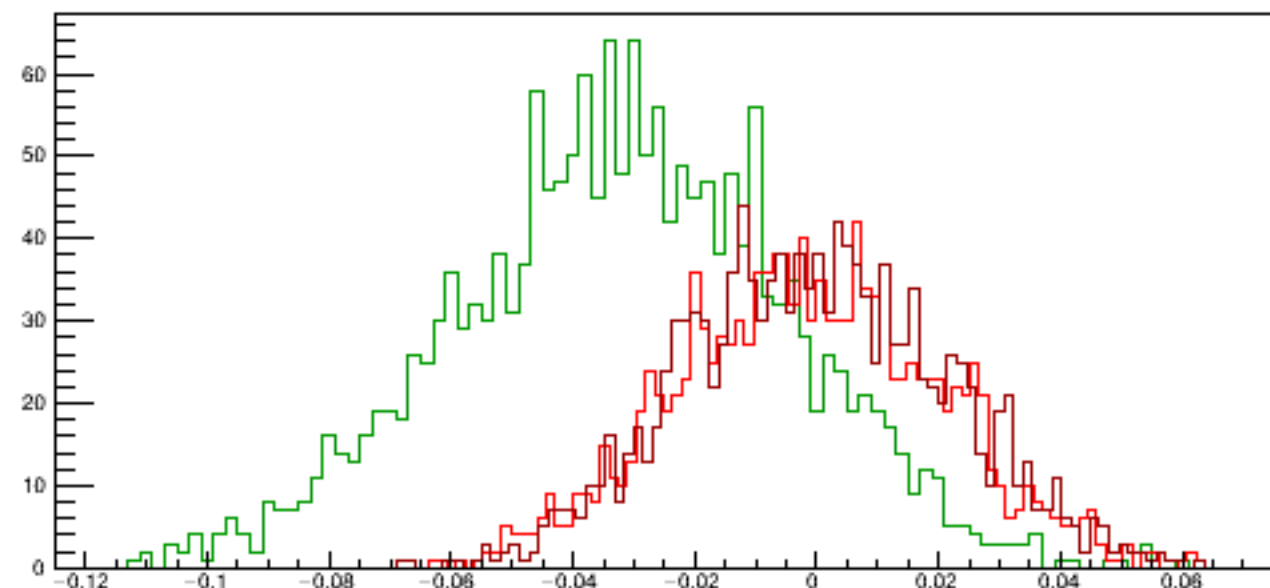
Std Dev: 0.0273 +/- 0.0005

Entries: 1328

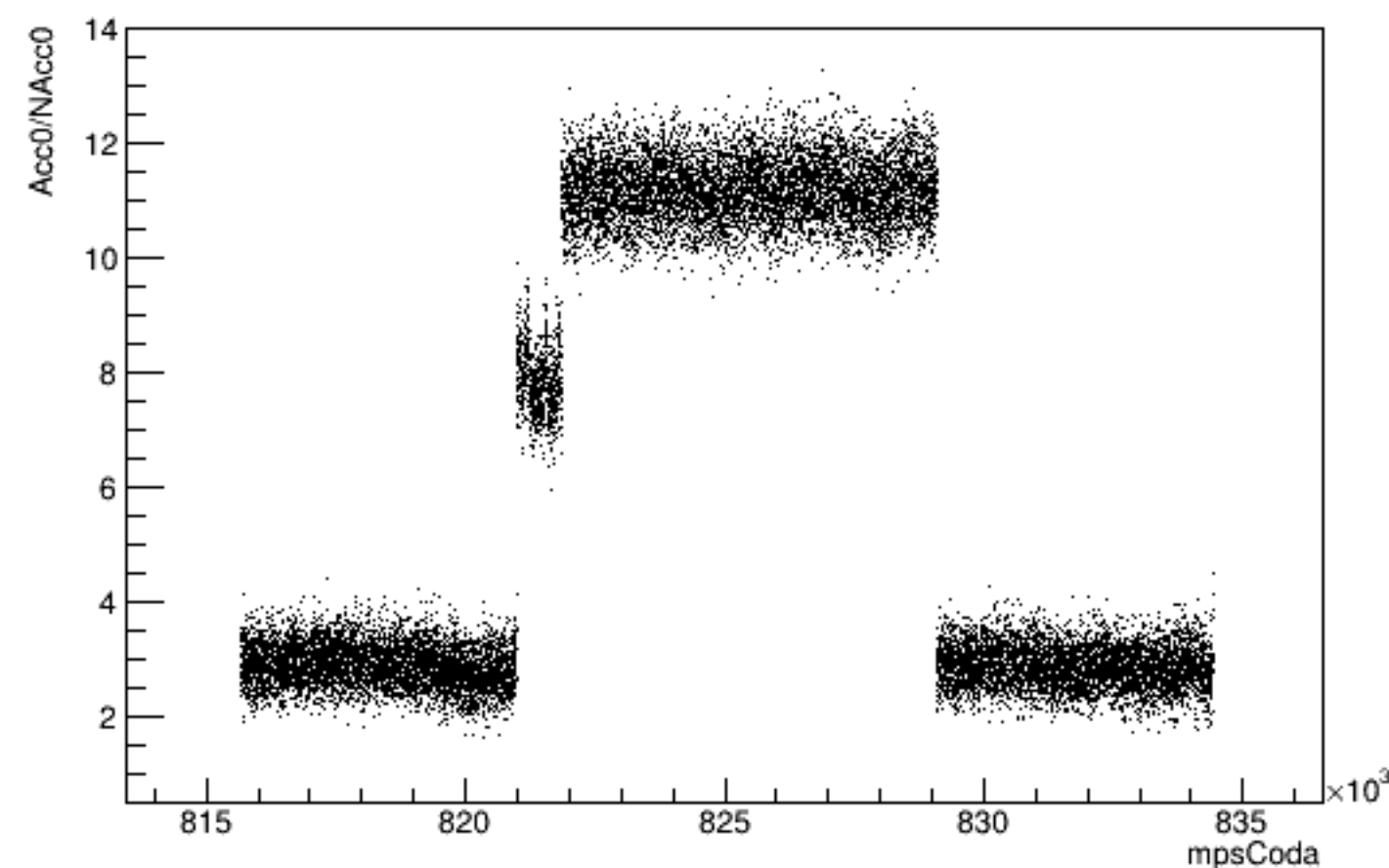
Mean: -0.0004 +/- 0.0006

Std Dev: 0.0215 +/- 0.0004

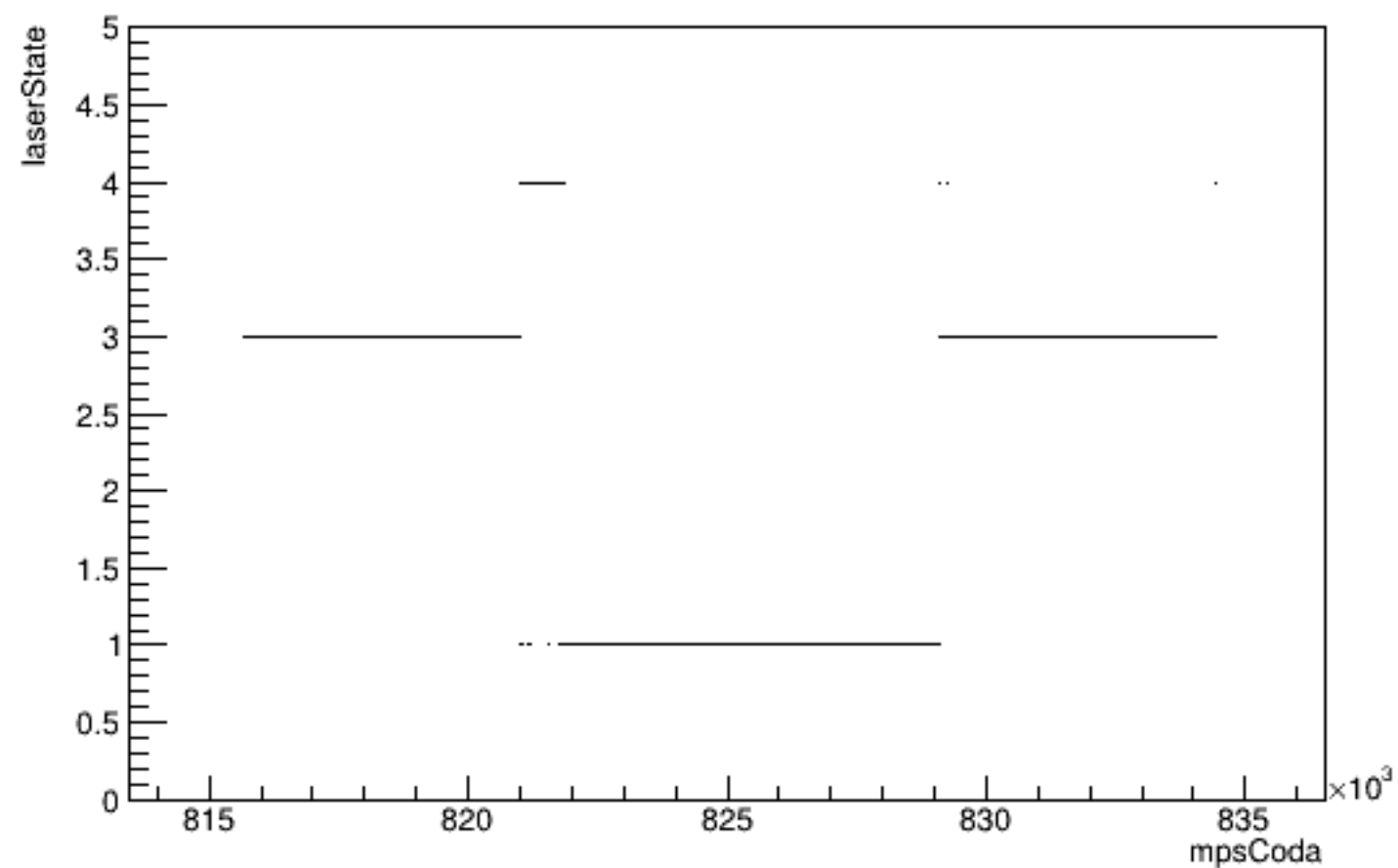
Run 6166 quartetwise, Asyms



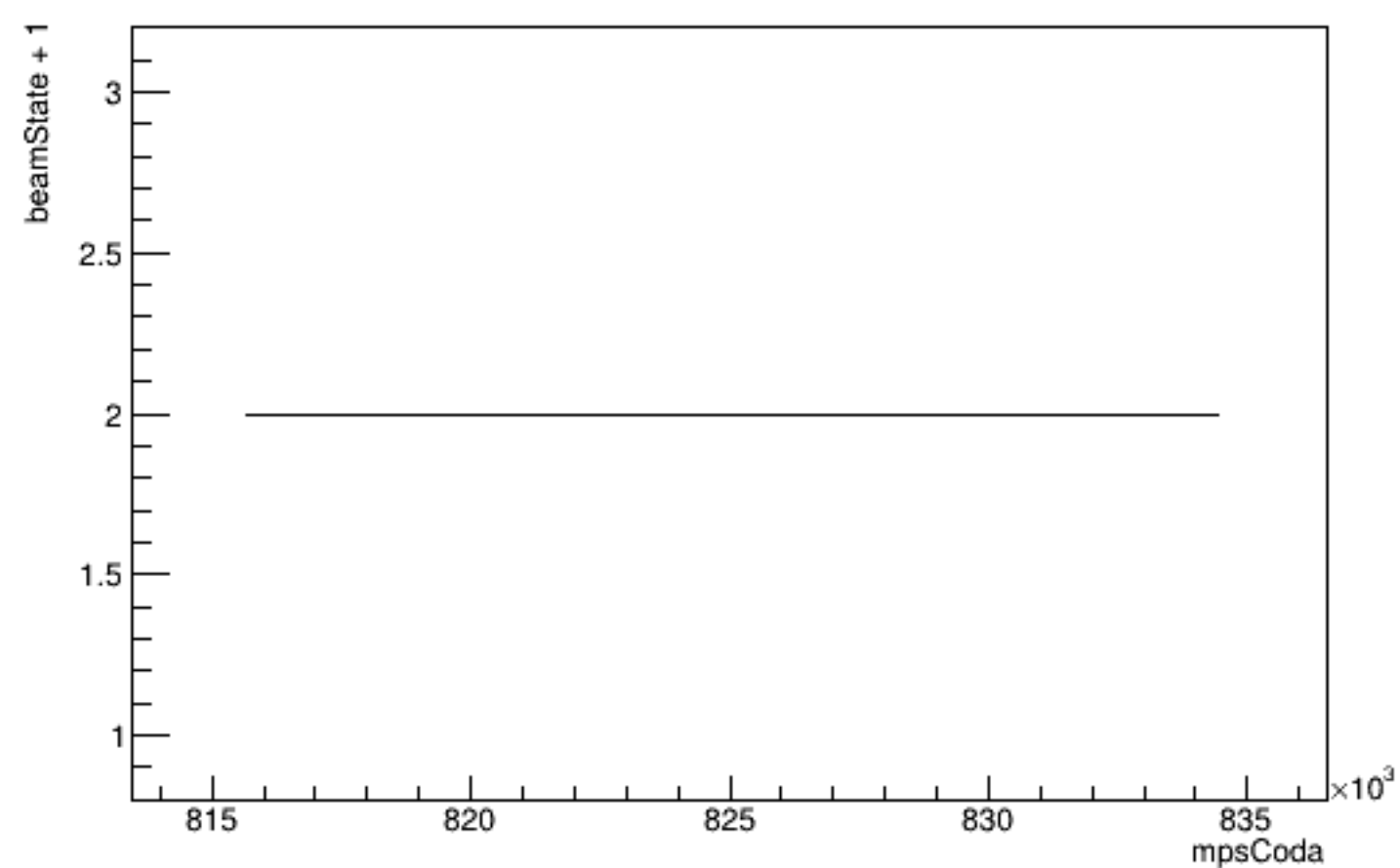
Acc0/NAcc0:mpsCoda (mpsCoda>=815666 && mpsCoda<=834417 && beamState==1)



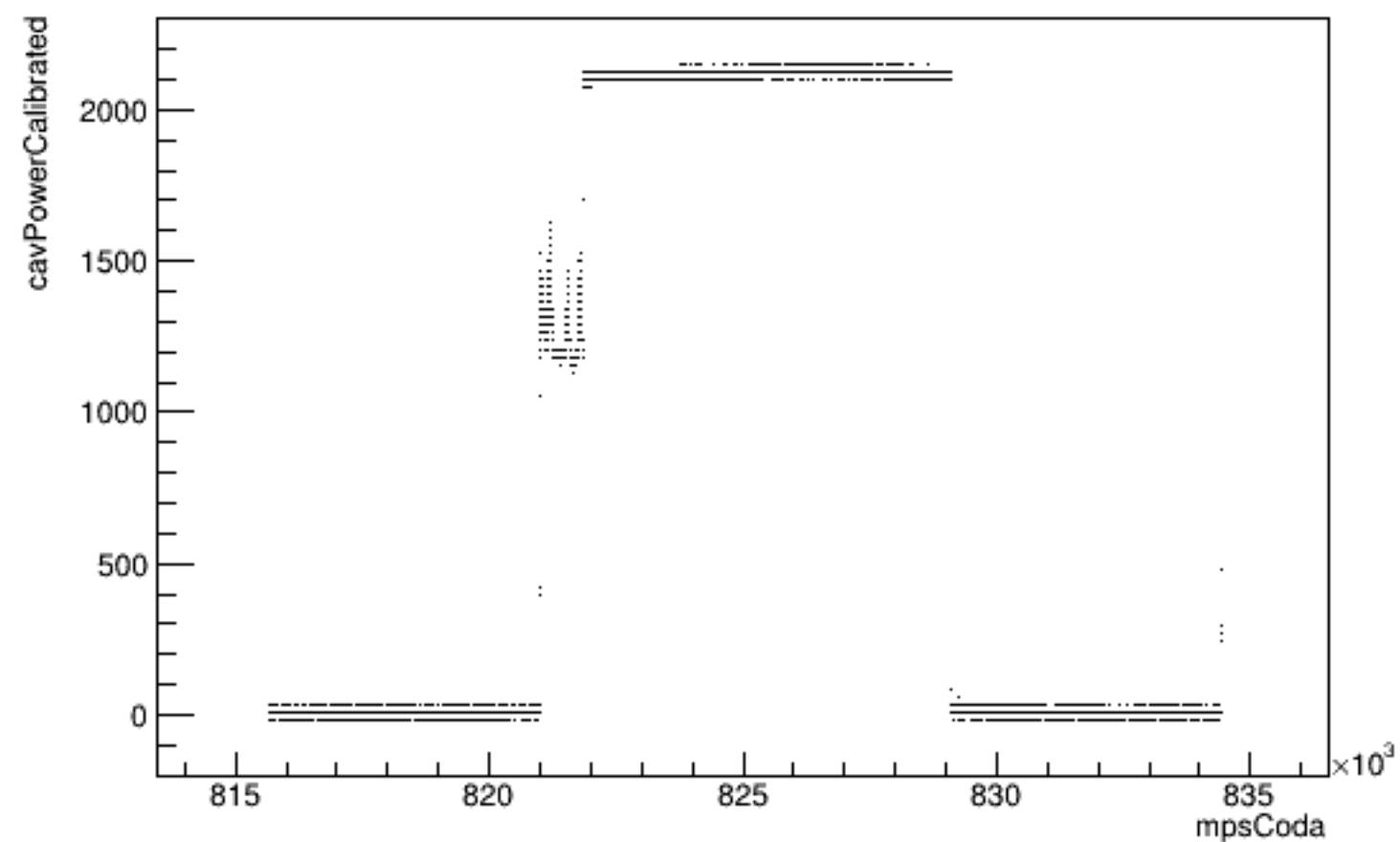
laserState:mpsCoda {mpsCoda>=815666 && mpsCoda<=834417}



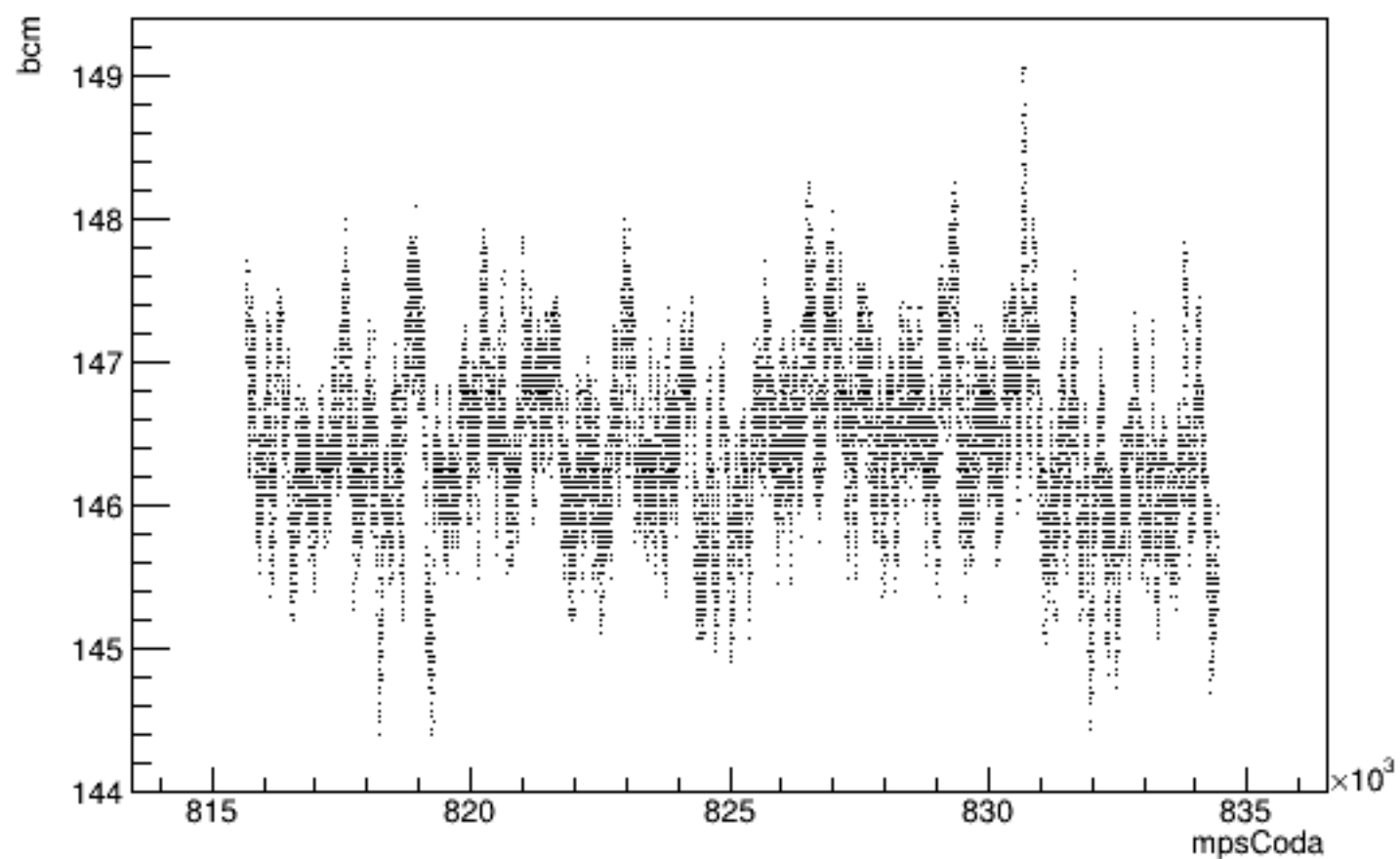
beamState + 1:mpsCoda {mpsCoda>=815666 && mpsCoda<=834417}



cavPowerCalibrated:mpsCoda {mpsCoda>=815666 && mpsCoda<=834417}



bcm:mpsCoda {mpsCoda>=815666 && mpsCoda<=834417}



Cycle 31, Diffs

Entries: 1328

Mean: -0.0068 +/- 0.0098

Std Dev: 0.3583 +/- 0.0070

Entries: 1806

Mean: -0.5508 +/- 0.0106

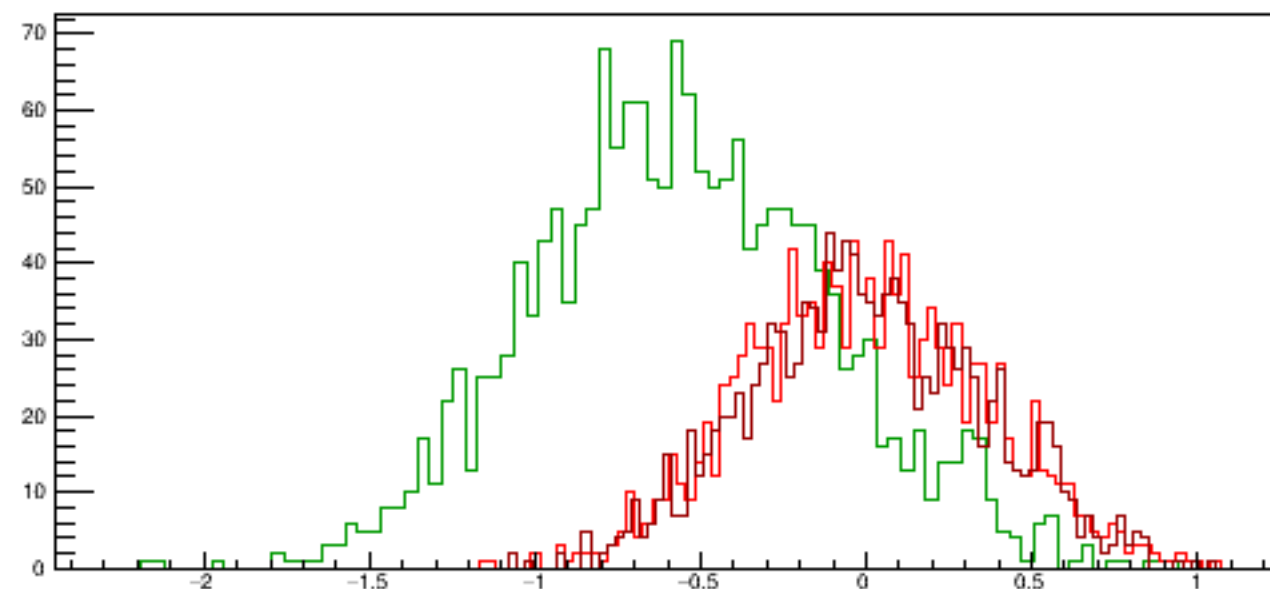
Std Dev: 0.4517 +/- 0.0075

Entries: 1343

Mean: -0.0013 +/- 0.0096

Std Dev: 0.3516 +/- 0.0068

Run 6166 quartetwise, Diffs



Cycle 31, Sums

Entries: 1328

Mean: 5.7282 +/- 0.0104

Std Dev: 0.3799 +/- 0.0074

Entries: 1806

Mean: 22.5337 +/- 0.0117

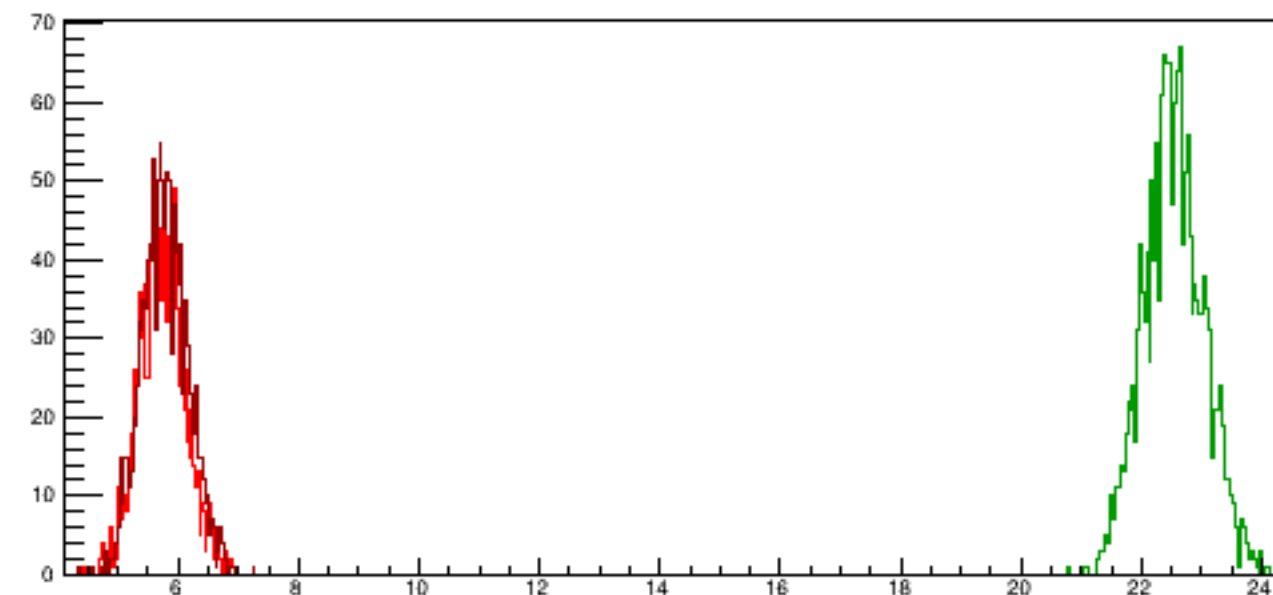
Std Dev: 0.4986 +/- 0.0083

Entries: 1343

Mean: 5.7790 +/- 0.0105

Std Dev: 0.3830 +/- 0.0074

Run 6166 quartetwise, Sums



Cycle 31, Asyms

Entries: 1328

Mean: -0.0004 +/- 0.0006

Std Dev: 0.0214 +/- 0.0004

Entries: 1806

Mean: -0.0329 +/- 0.0006

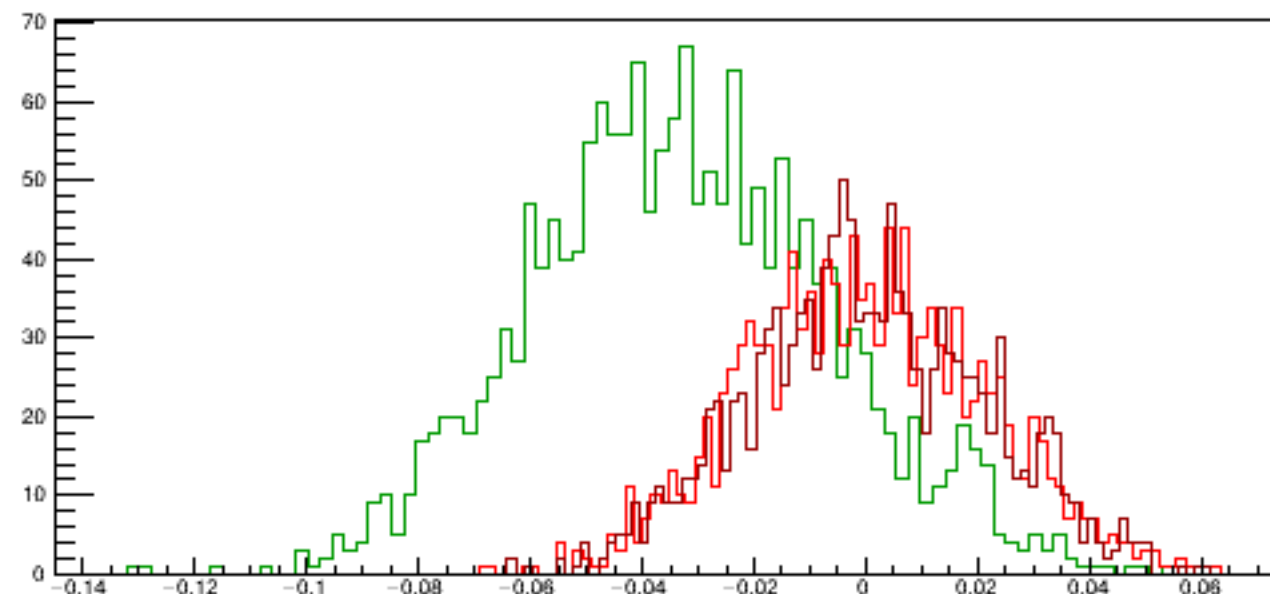
Std Dev: 0.0269 +/- 0.0004

Entries: 1343

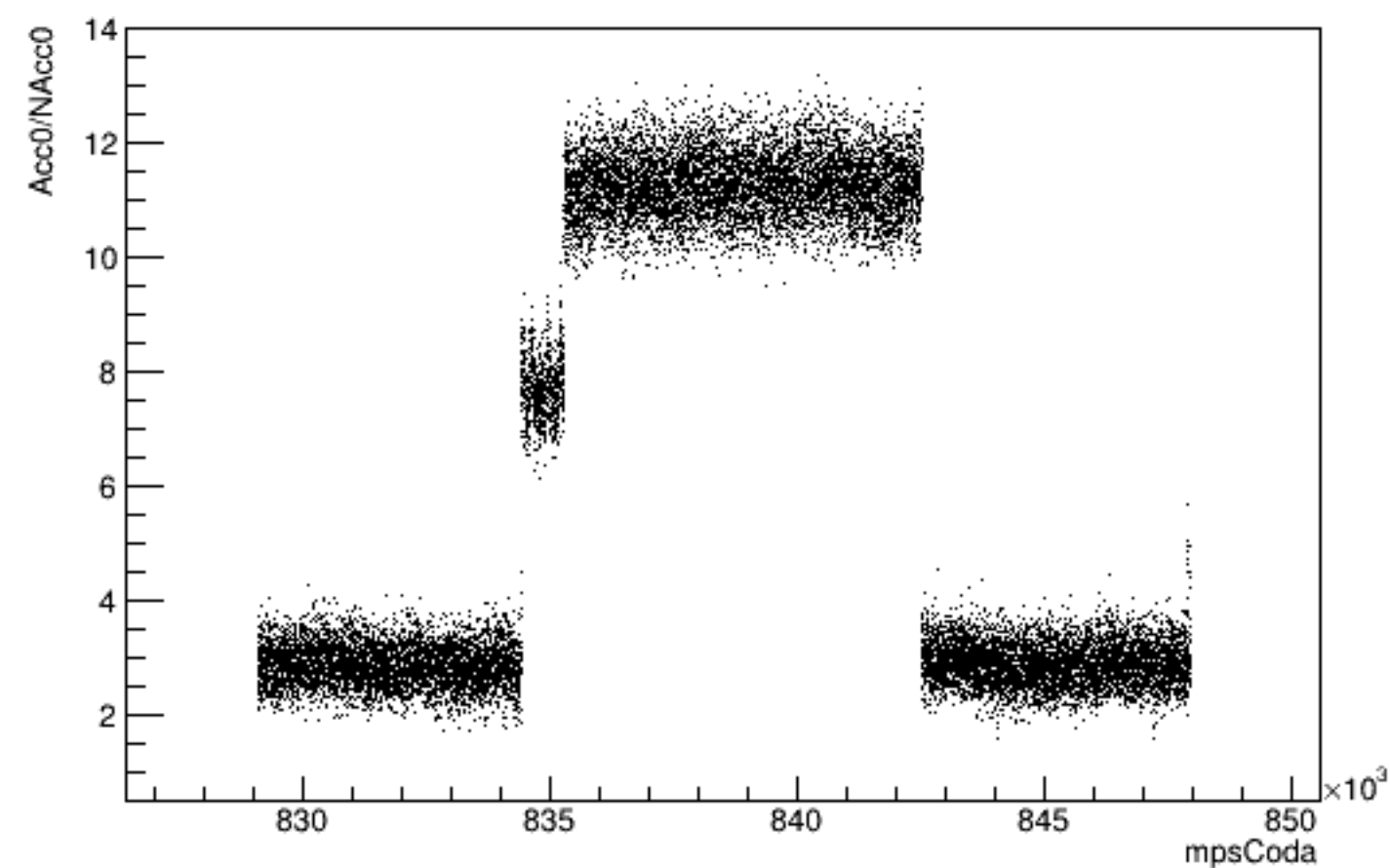
Mean: -0.0001 +/- 0.0006

Std Dev: 0.0210 +/- 0.0004

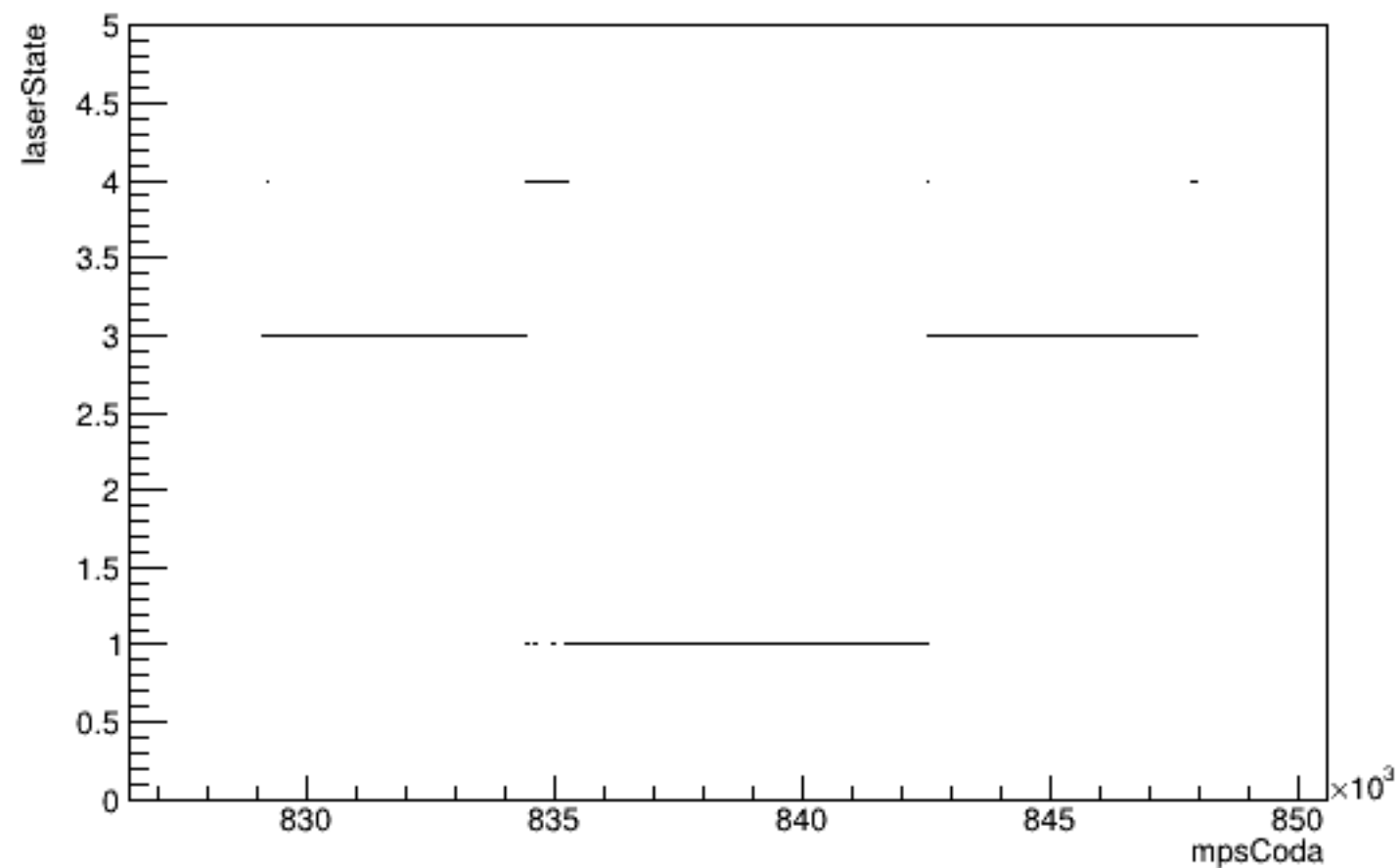
Run 6166 quartetwise, Asyms



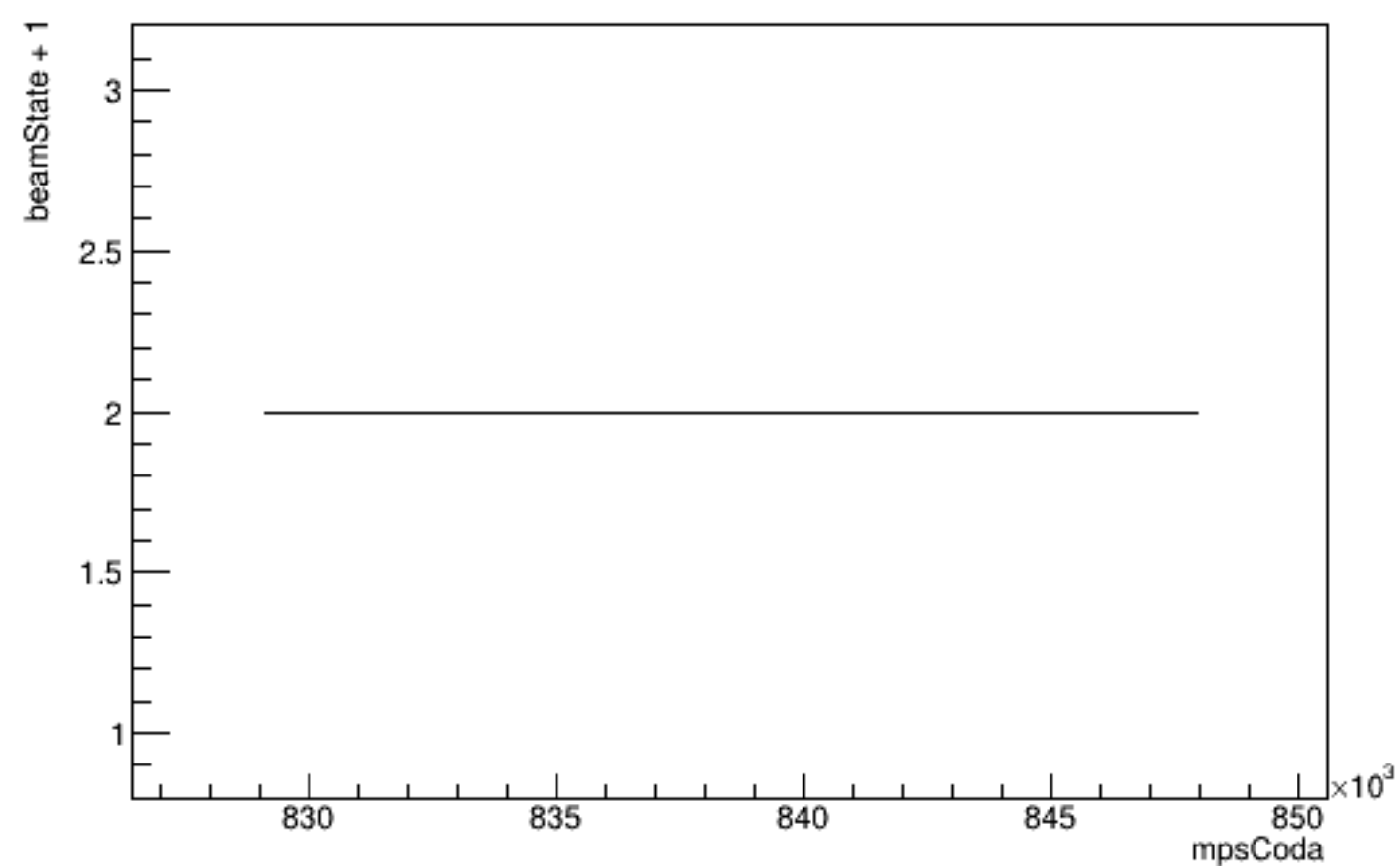
Acc0/NAcc0:mpsCoda (mpsCoda>=829094 && mpsCoda<=847937 && beamState==1)



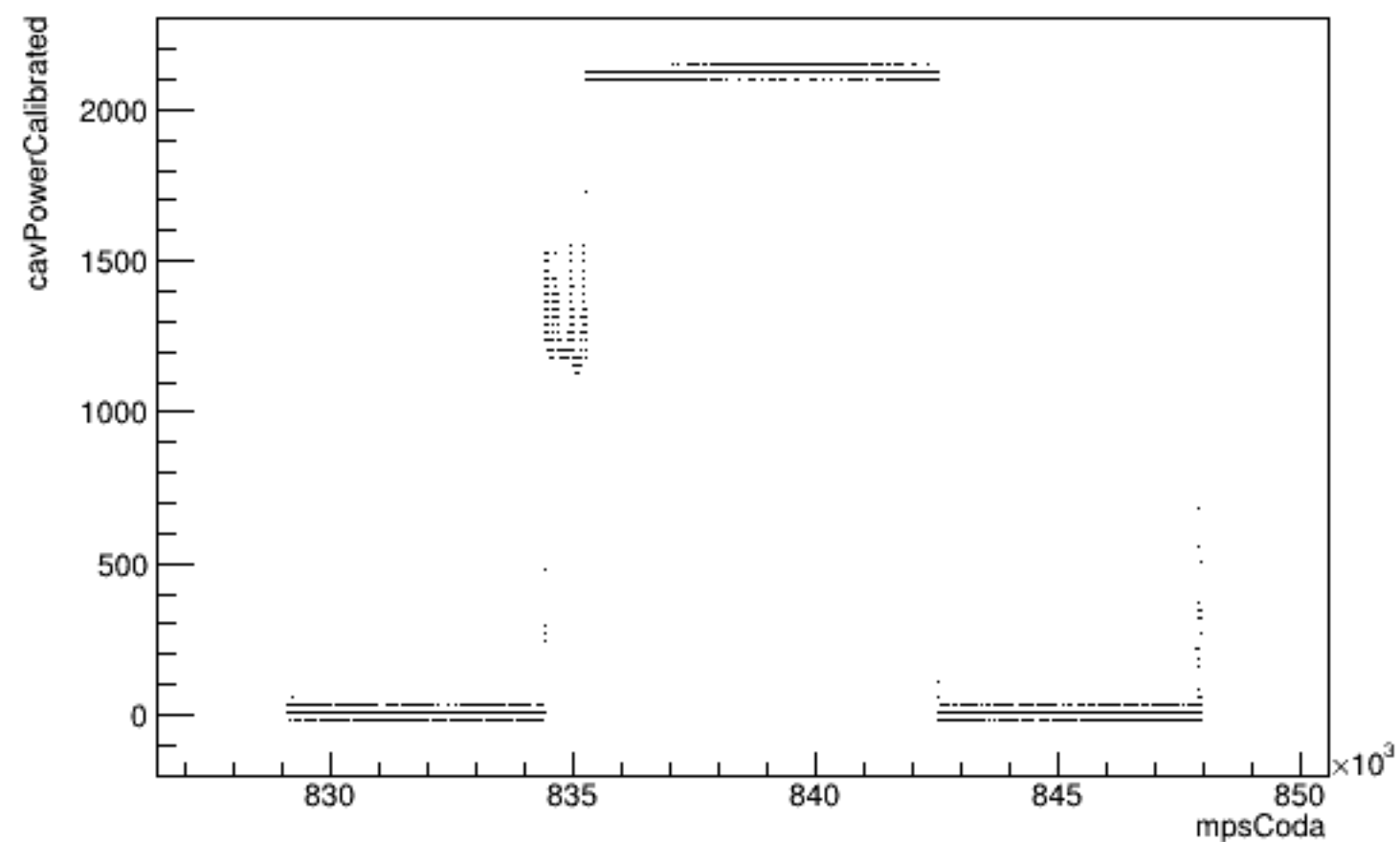
laserState:mpsCoda {mpsCoda>=829094 && mpsCoda<=847937}



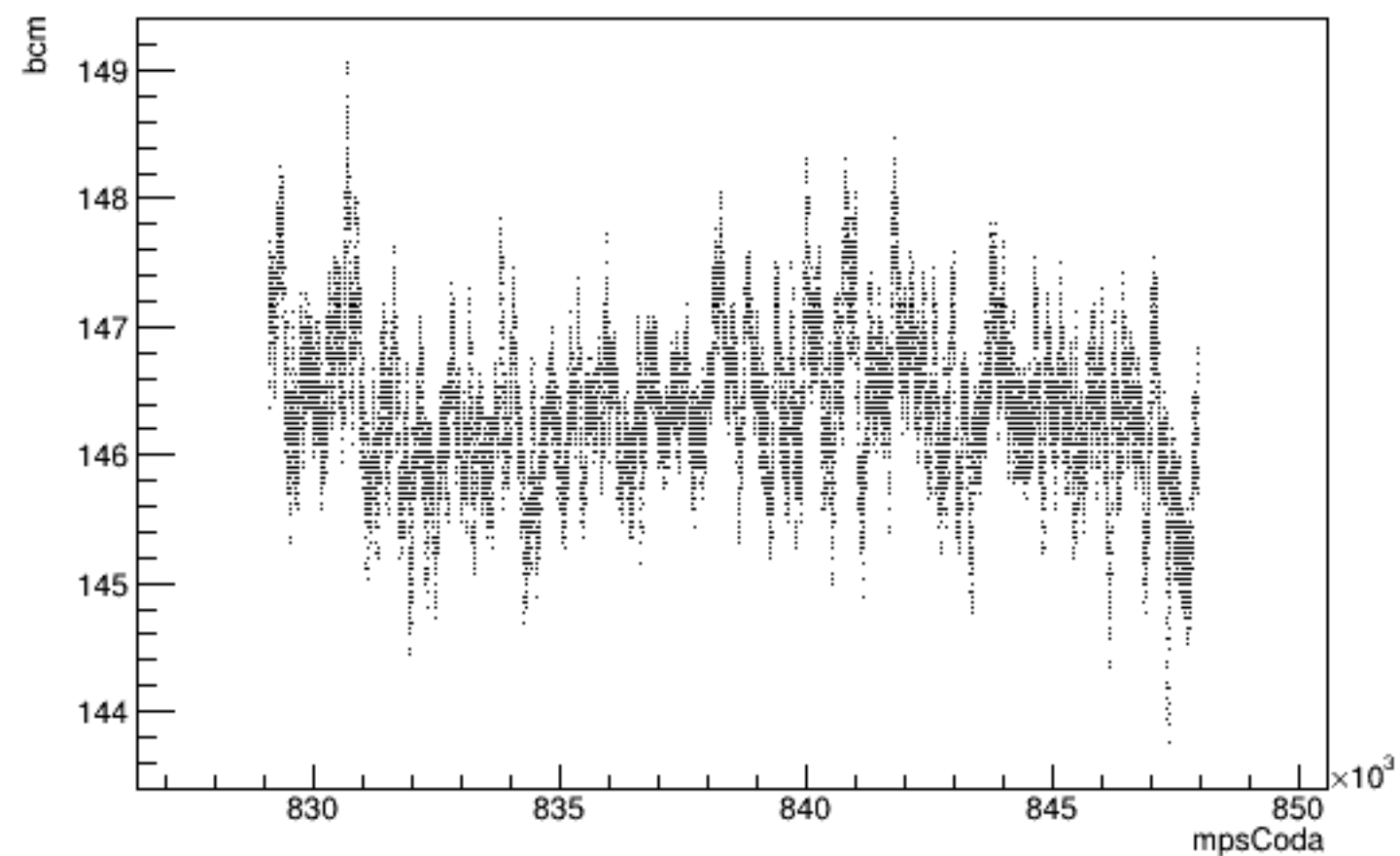
beamState + 1:mpsCoda {mpsCoda>=829094 && mpsCoda<=847937}



cavPowerCalibrated:mpsCoda {mpsCoda>=829094 && mpsCoda<=847937}



bcm:mpsCoda {mpsCoda>=829094 && mpsCoda<=847937}



Cycle 32, Diffs

Entries: 1343

Mean: -0.0013 +/- 0.0096

Std Dev: 0.3516 +/- 0.0068

Entries: 1169

Mean: -0.5317 +/- 0.0128

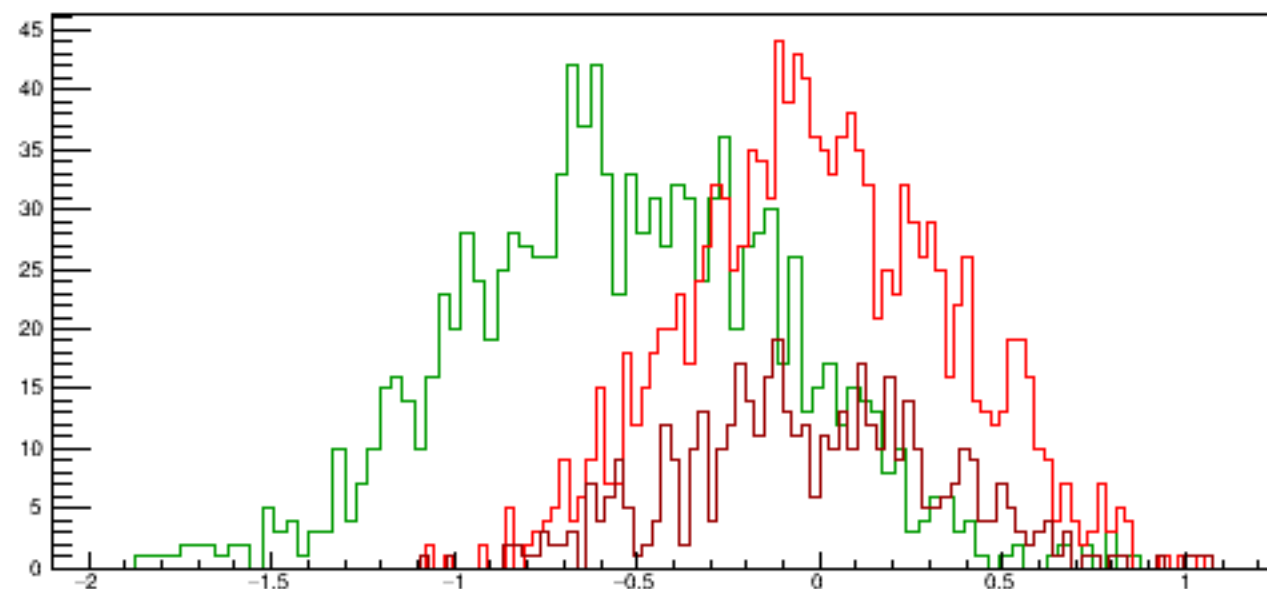
Std Dev: 0.4390 +/- 0.0091

Entries: 465

Mean: -0.0279 +/- 0.0166

Std Dev: 0.3576 +/- 0.0117

Run 6166 quartetwise, Diffs



Cycle 32, Sums

Entries: 1343

Mean: 5.7790 +/- 0.0105

Std Dev: 0.3830 +/- 0.0074

Entries: 1169

Mean: 22.4066 +/- 0.0162

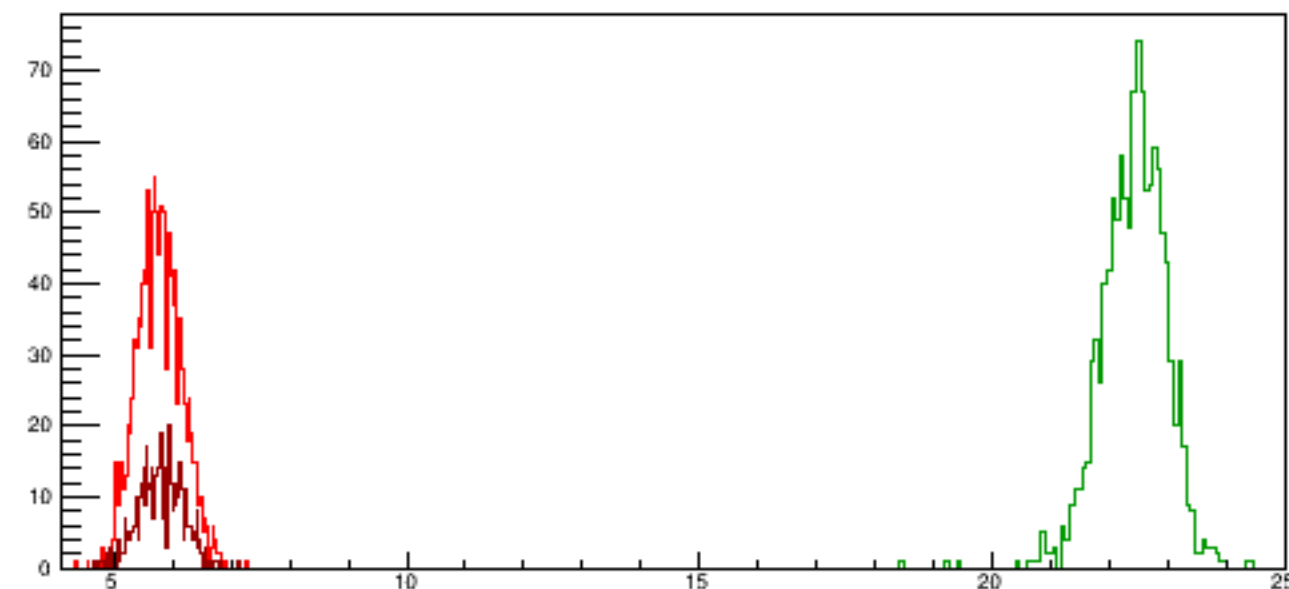
Std Dev: 0.5555 +/- 0.0115

Entries: 465

Mean: 5.8064 +/- 0.0178

Std Dev: 0.3830 +/- 0.0126

Run 6166 quartetwise, Sums



Cycle 32, Asyms

Entries: 1343

Mean: -0.0001 +/- 0.0006

Std Dev: 0.0212 +/- 0.0004

Entries: 1169

Mean: -0.0320 +/- 0.0008

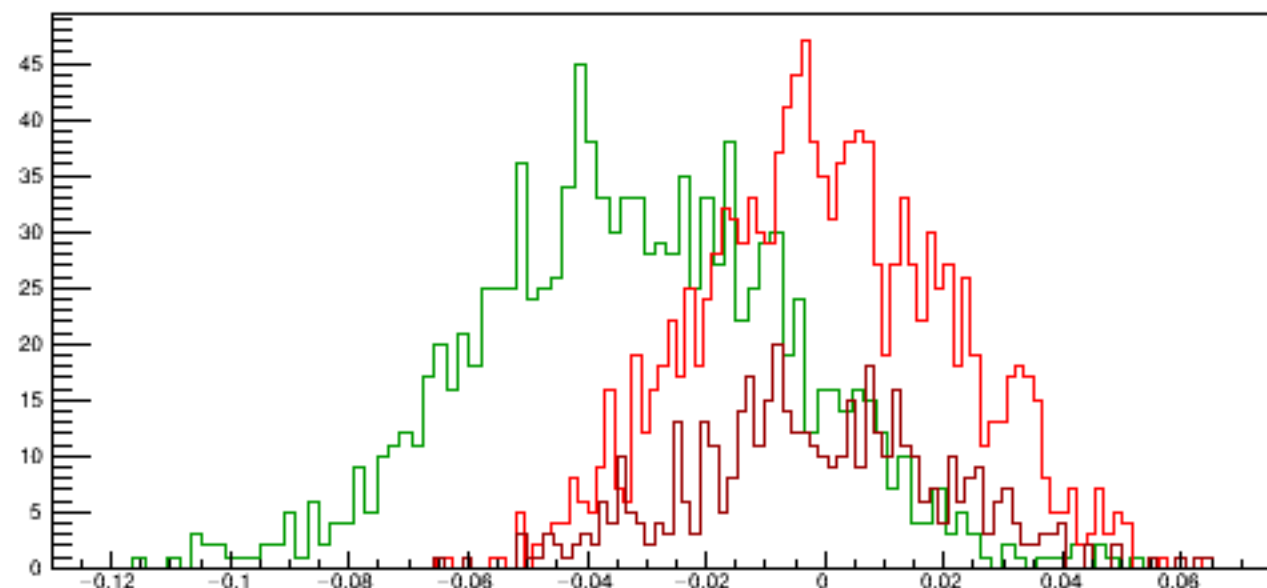
Std Dev: 0.0264 +/- 0.0005

Entries: 465

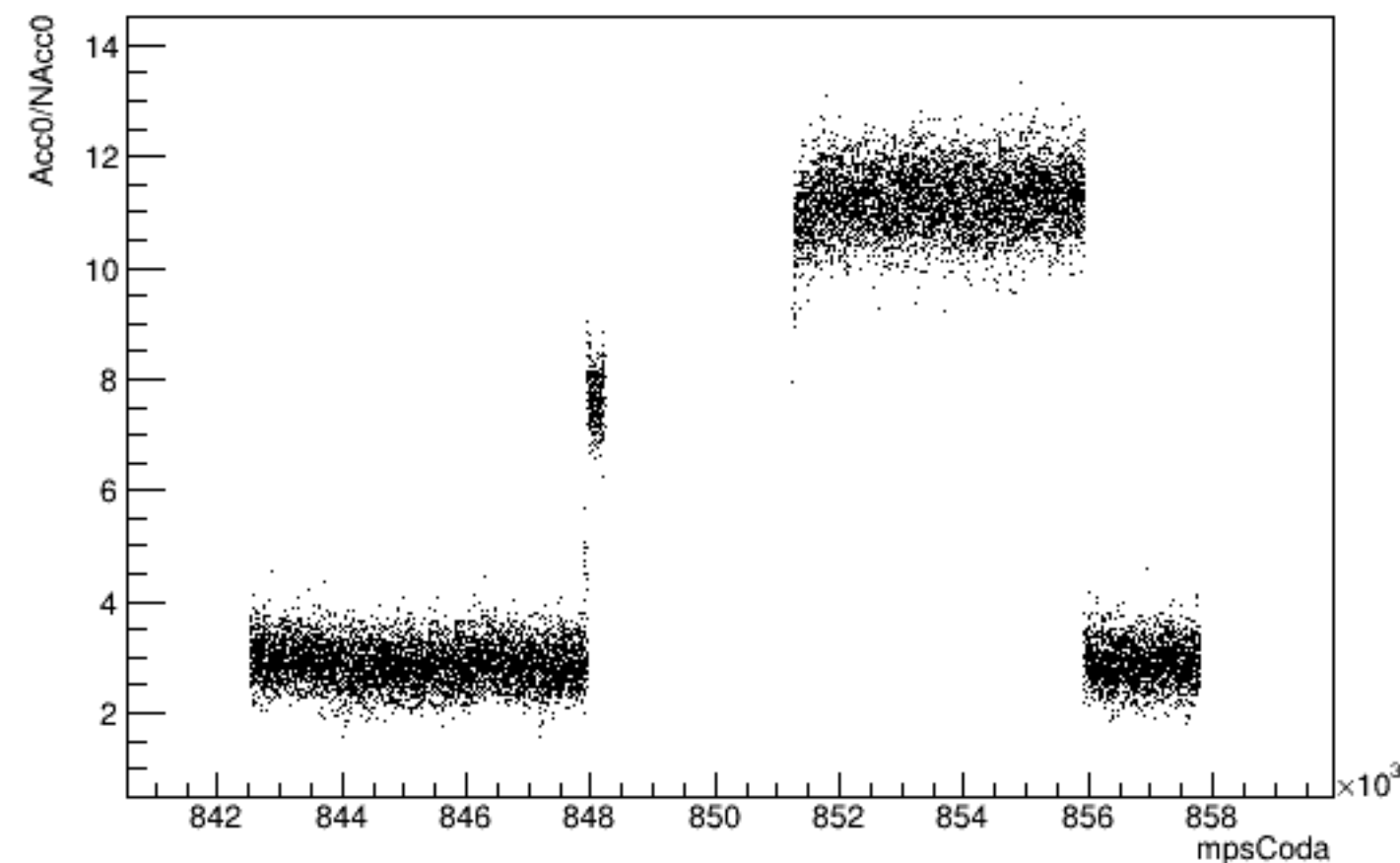
Mean: -0.0017 +/- 0.0010

Std Dev: 0.0215 +/- 0.0007

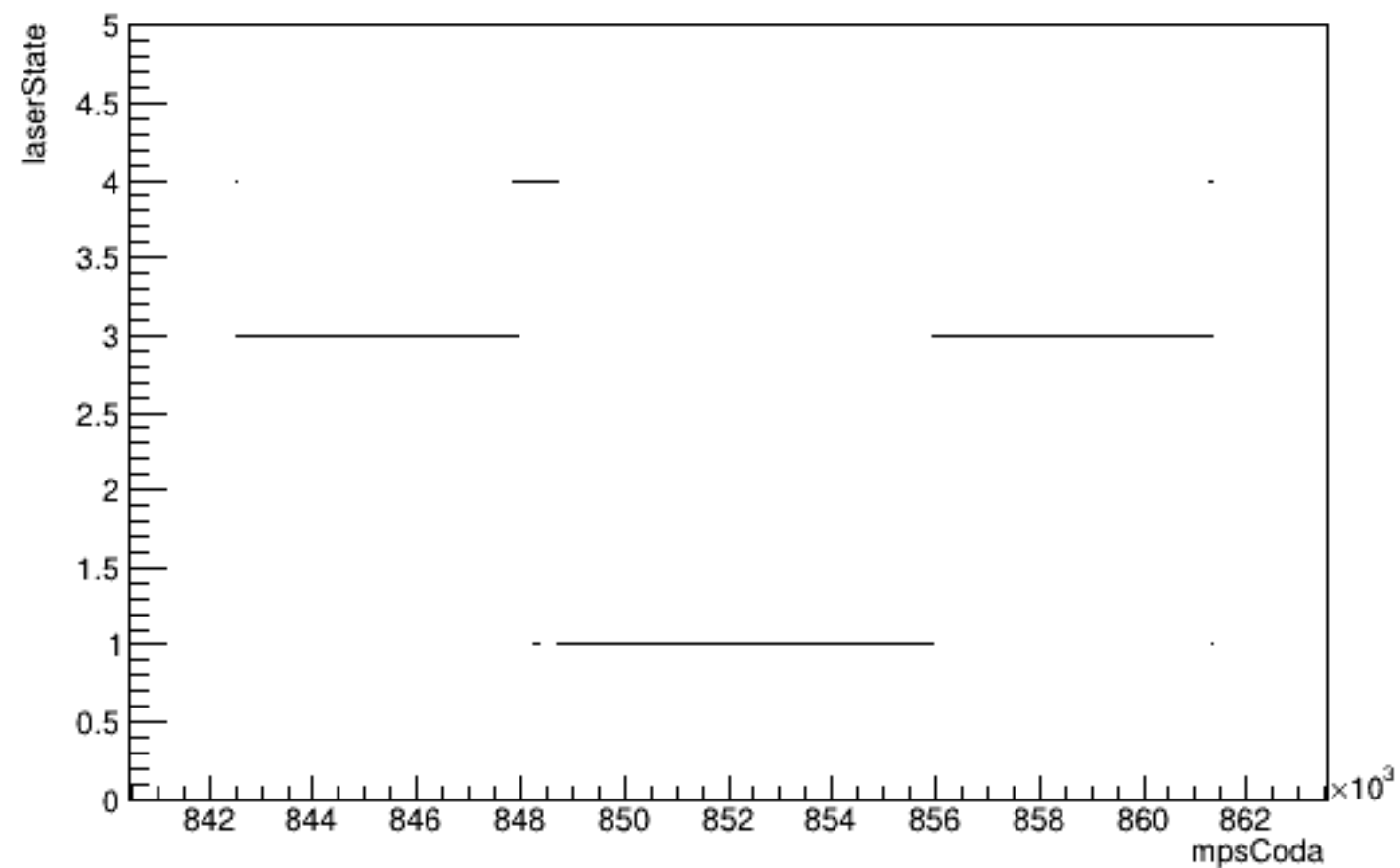
Run 6166 quartetwise, Asyms



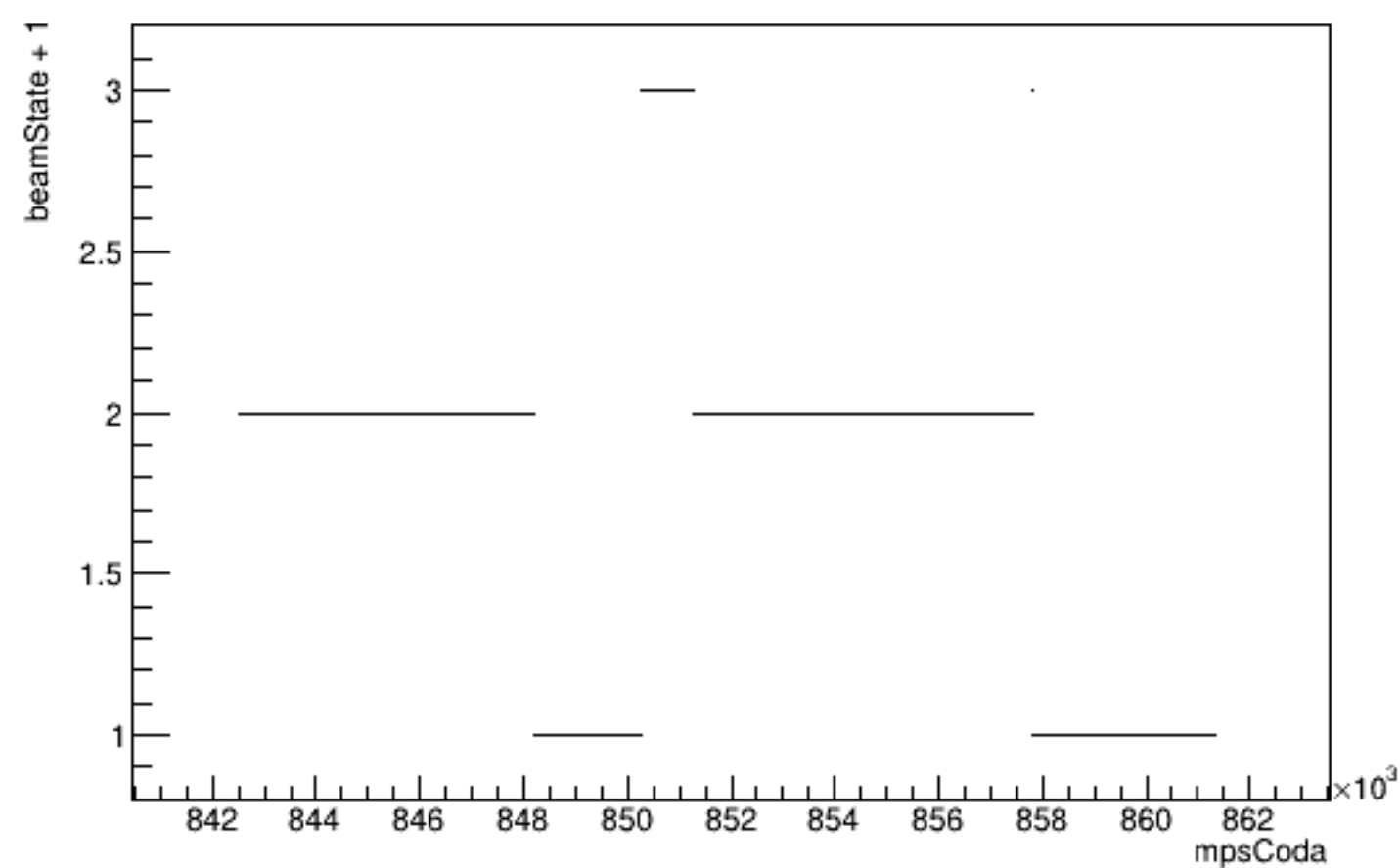
Acc0/NAcc0:mpsCoda (mpsCoda>=842514 && mpsCoda<=861325 && beamState==1)



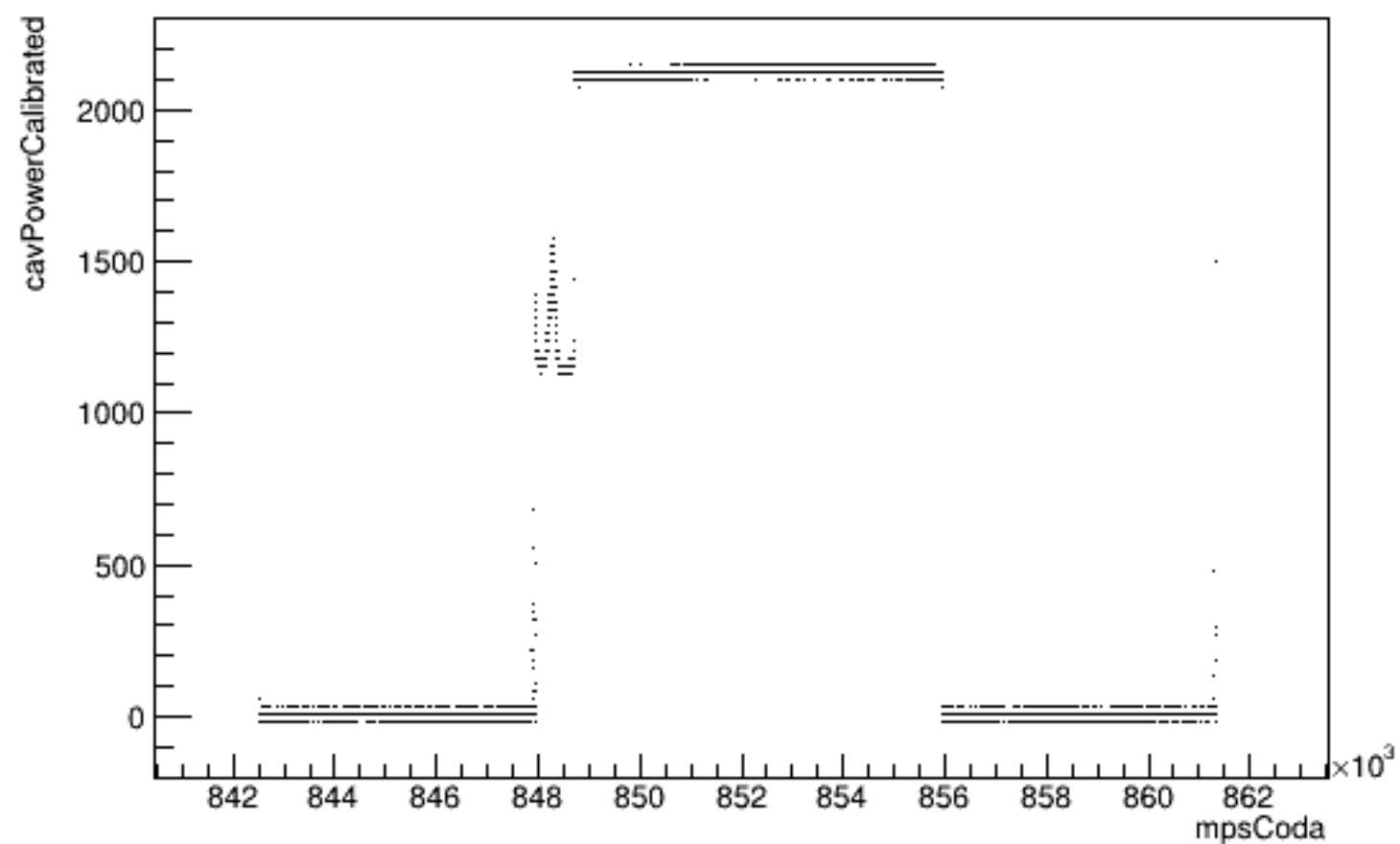
laserState:mpsCoda {mpsCoda>=842514 && mpsCoda<=861325}



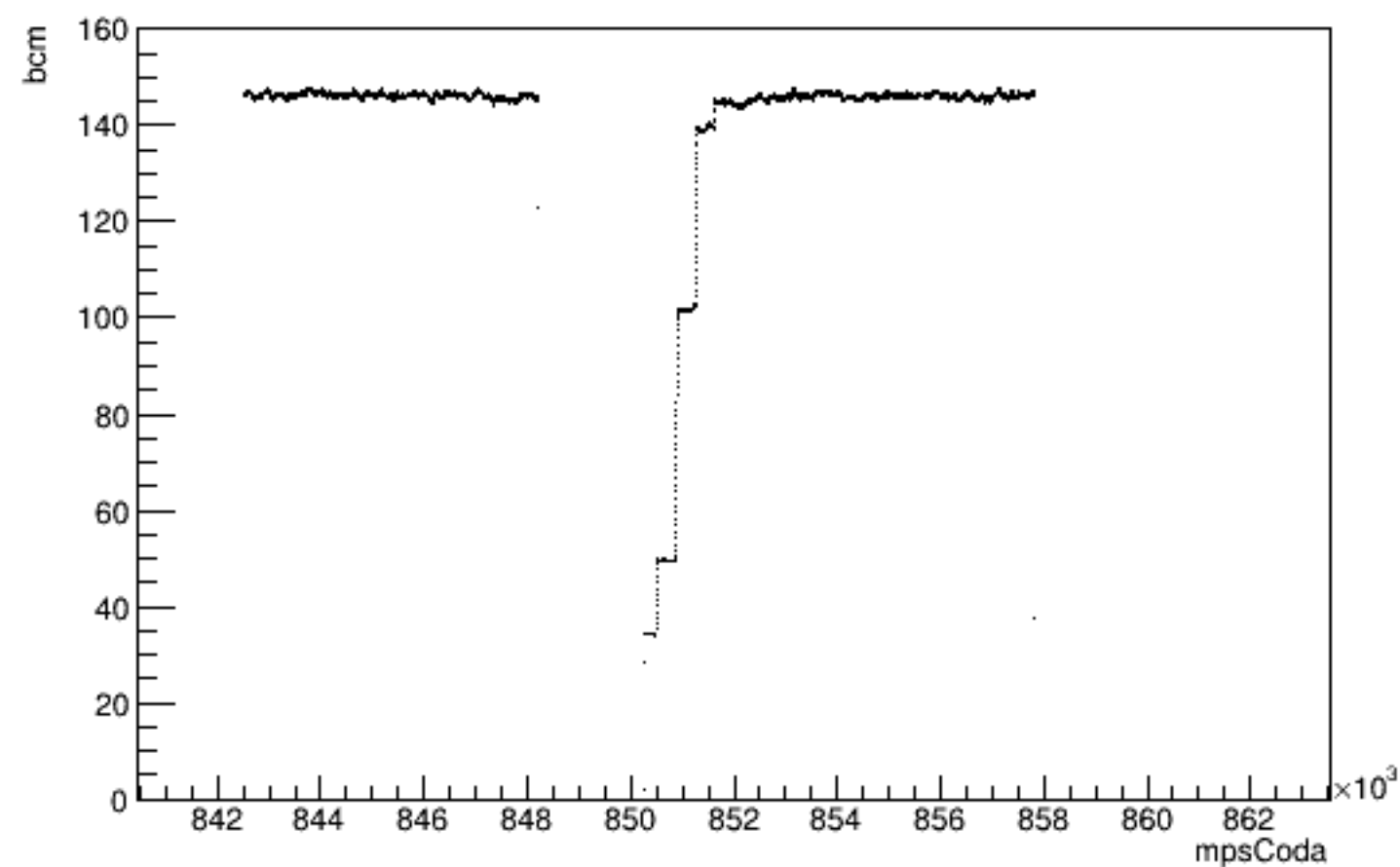
beamState + 1:mpsCoda {mpsCoda>=842514 && mpsCoda<=861325}



cavPowerCalibrated:mpsCoda {mpsCoda>=842514 && mpsCoda<=861325}



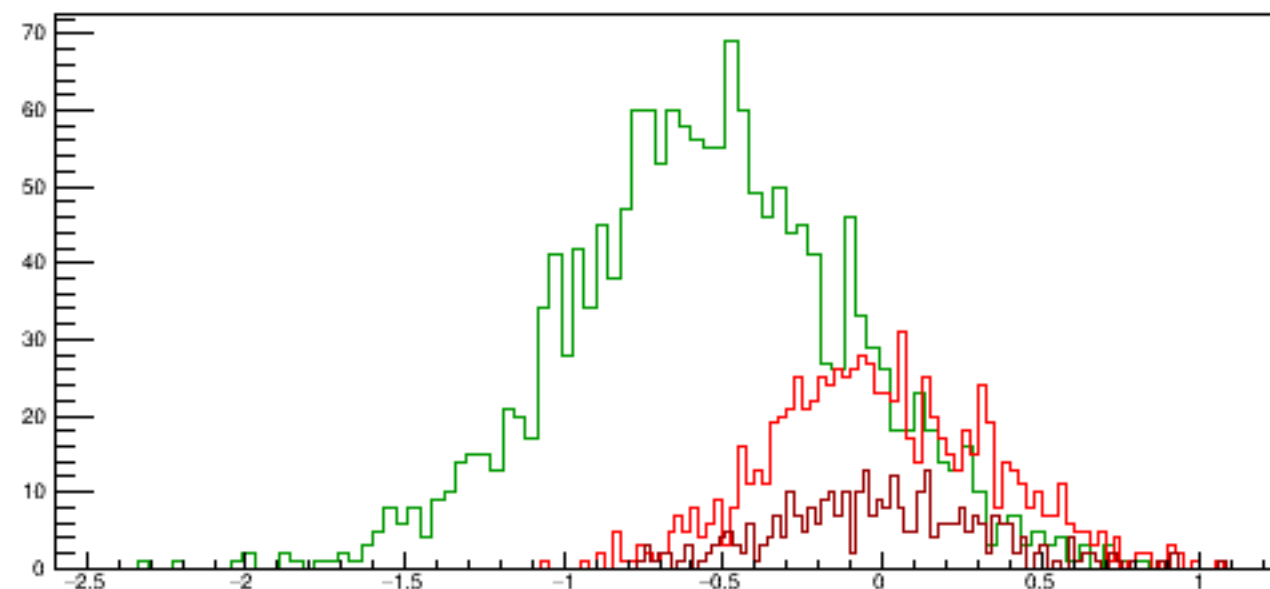
bcm:mpsCoda {mpsCoda>=842514 && mpsCoda<=861325}



Cycle 33, Diffs

Entries: 861	Entries: 1709	Entries: 331
Mean: -0.0064 +/- 0.0118	Mean: -0.5491 +/- 0.0109	Mean: -0.0014 +/- 0.0182
Std Dev: 0.3456 +/- 0.0083	Std Dev: 0.4489 +/- 0.0077	Std Dev: 0.3309 +/- 0.0129

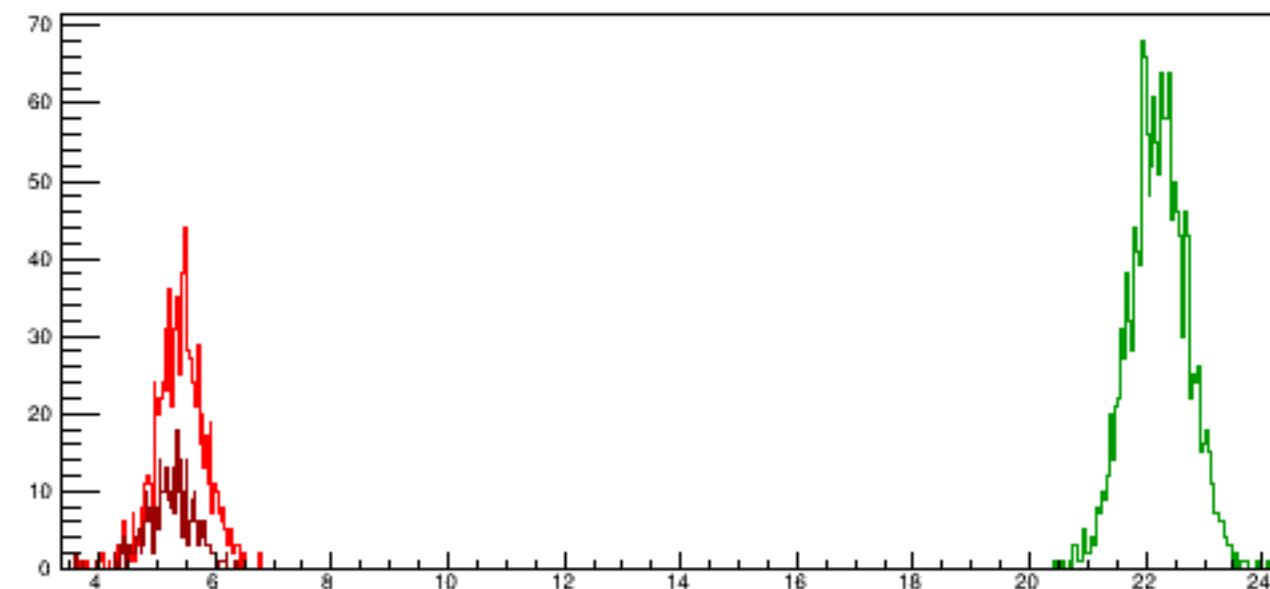
Run 6166 quartetwise, Diffs



Cycle 33, Sums

Entries: 861	Entries: 1709	Entries: 331
Mean: 5.4002 +/- 0.0140	Mean: 22.2079 +/- 0.0122	Mean: 5.2348 +/- 0.0232
Std Dev: 0.4120 +/- 0.0099	Std Dev: 0.5023 +/- 0.0086	Std Dev: 0.4227 +/- 0.0164

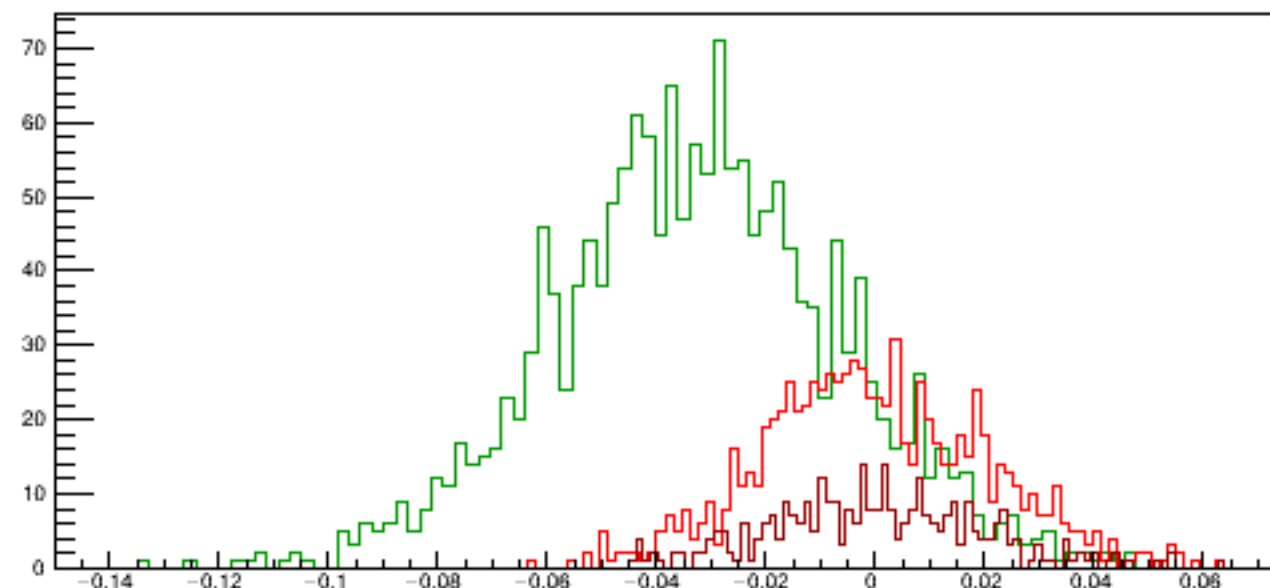
Run 6166 quartetwise, Sums



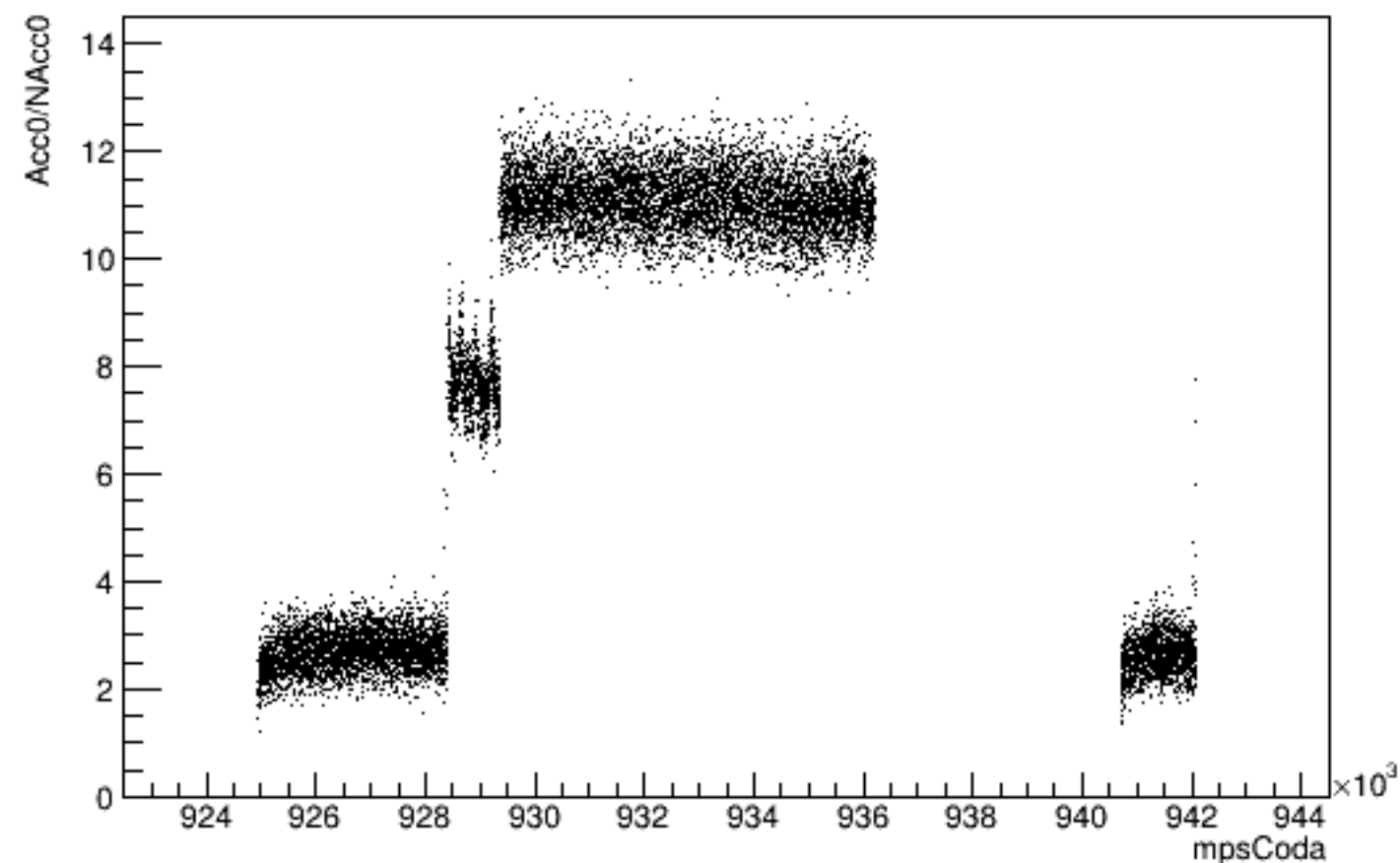
Cycle 33, Asyms

Entries: 861	Entries: 1709	Entries: 331
Mean: -0.0004 +/- 0.0007	Mean: -0.0325 +/- 0.0006	Mean: -0.0001 +/- 0.0011
Std Dev: 0.0205 +/- 0.0005	Std Dev: 0.0265 +/- 0.0005	Std Dev: 0.0196 +/- 0.0008

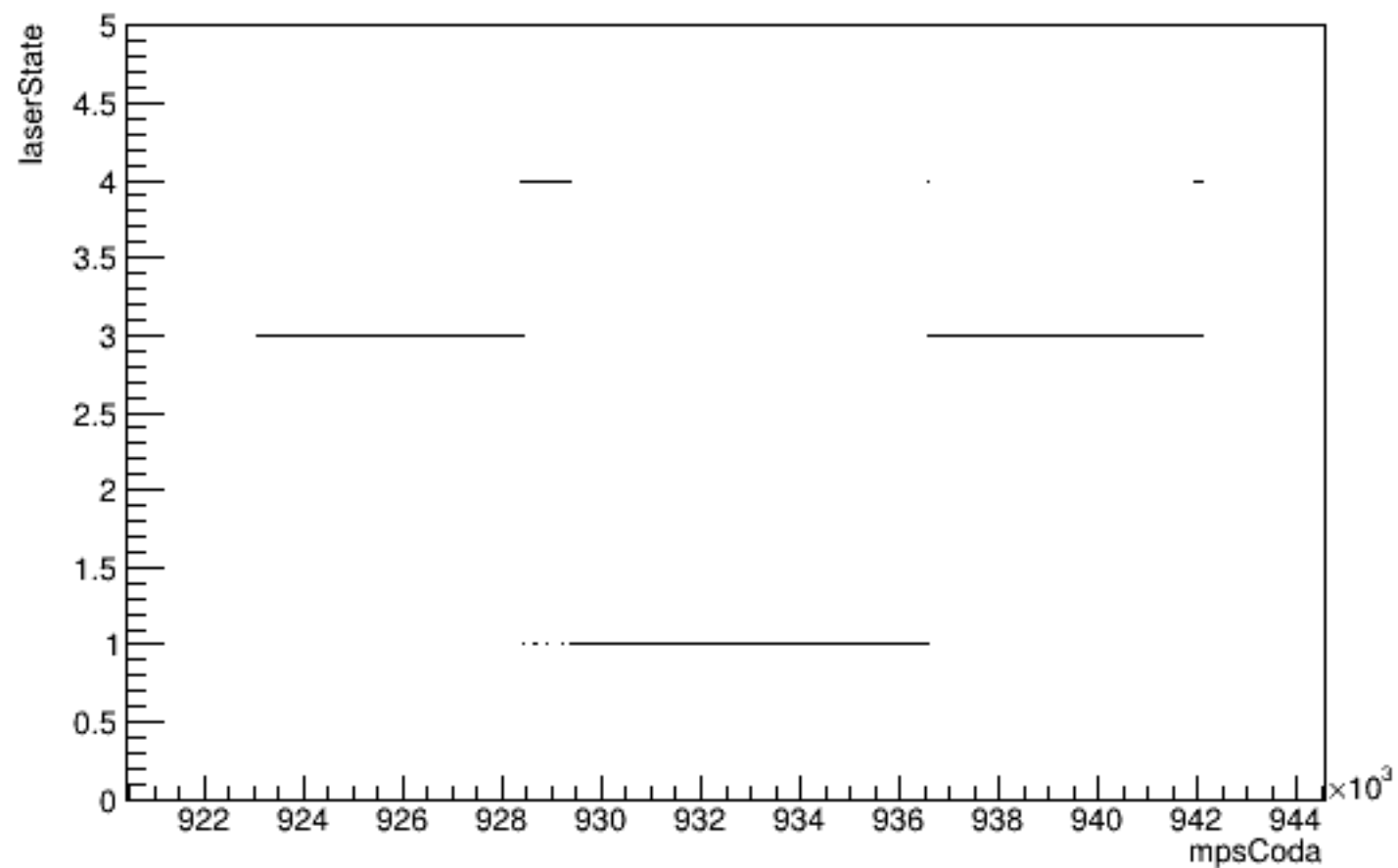
Run 6166 quartetwise, Asyms



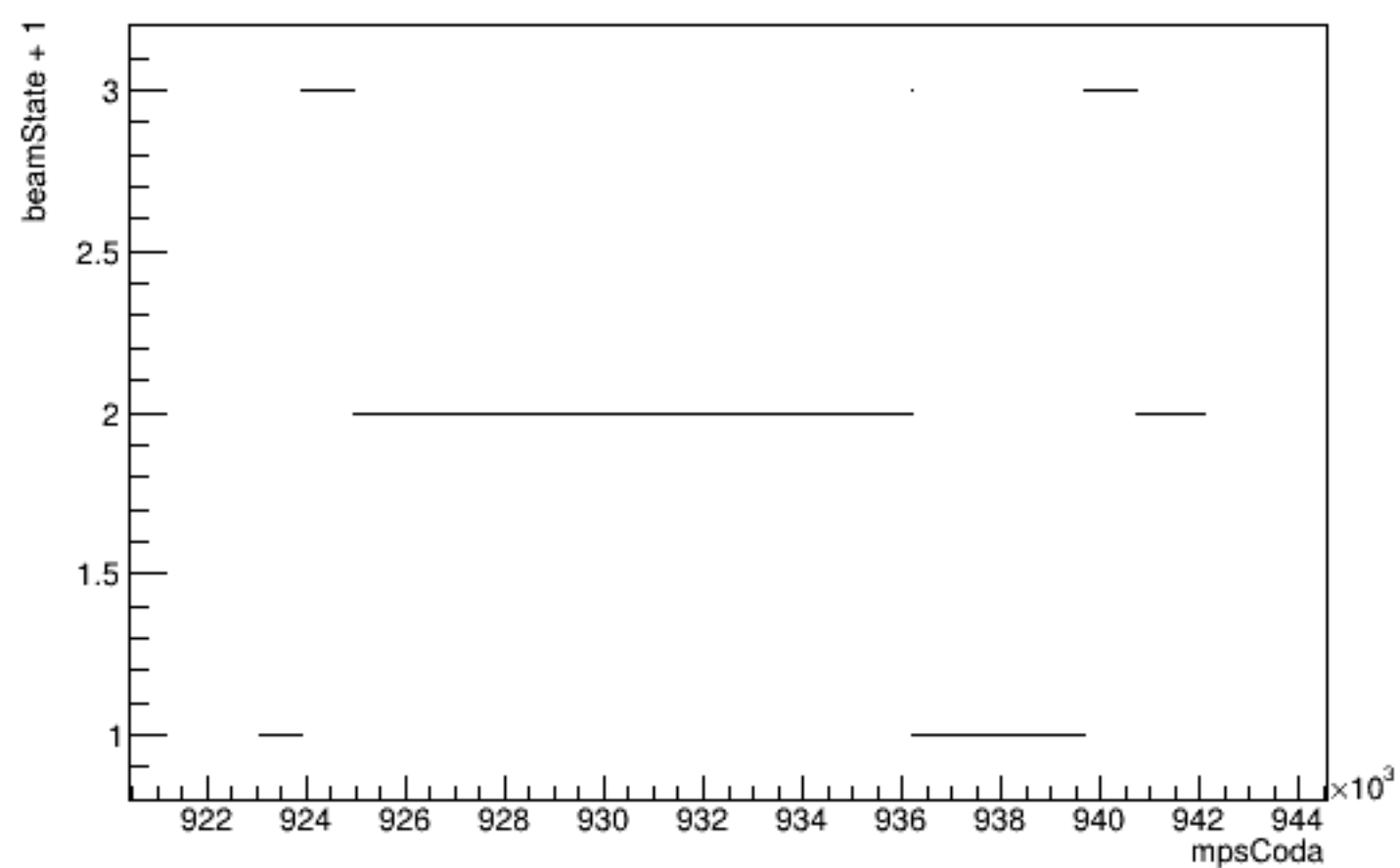
Acc0/NAcc0:mpsCoda (mpsCoda>=923042 && mpsCoda<=942081 && beamState==1)



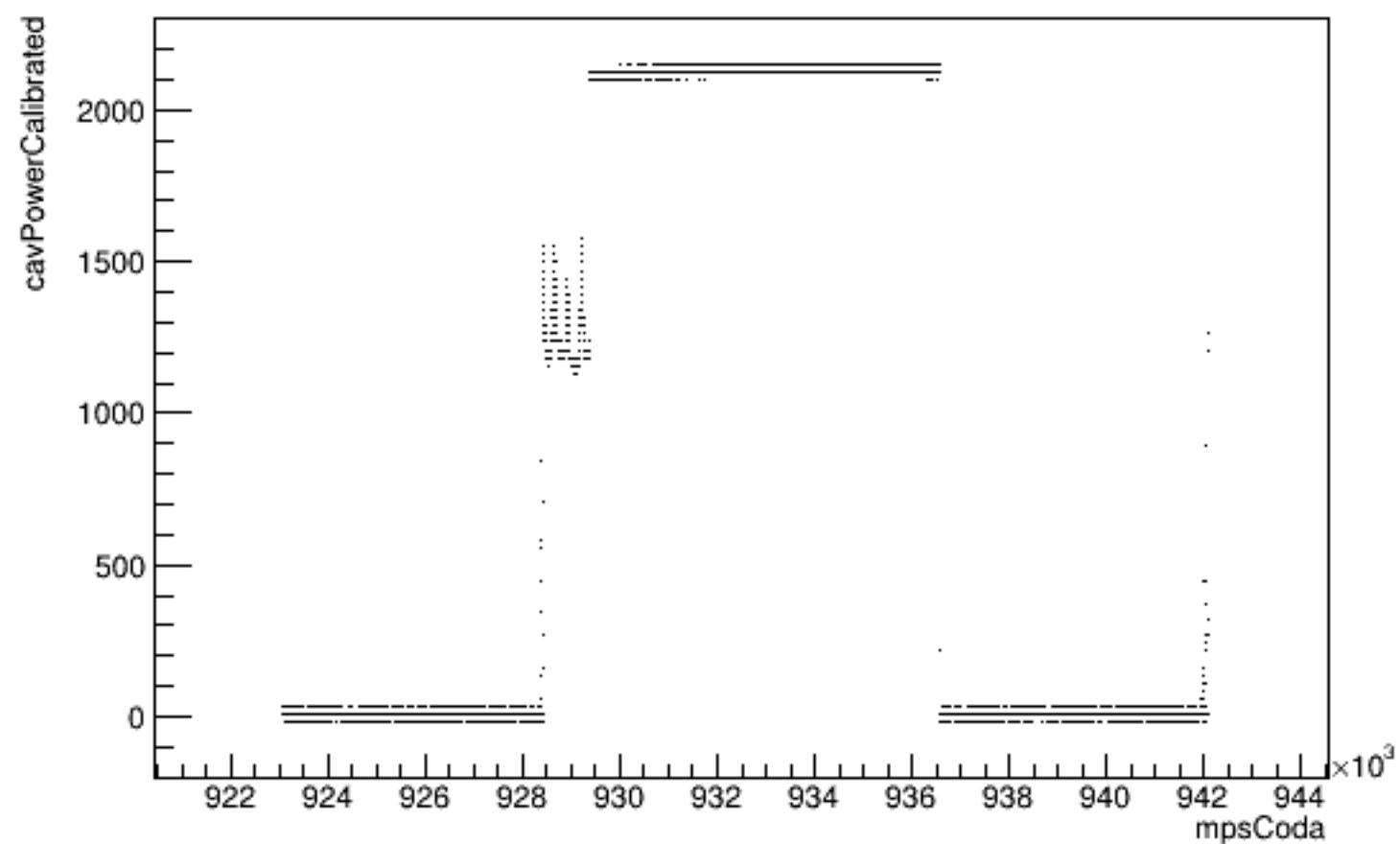
laserState:mpsCoda {mpsCoda>=923042 && mpsCoda<=942081}



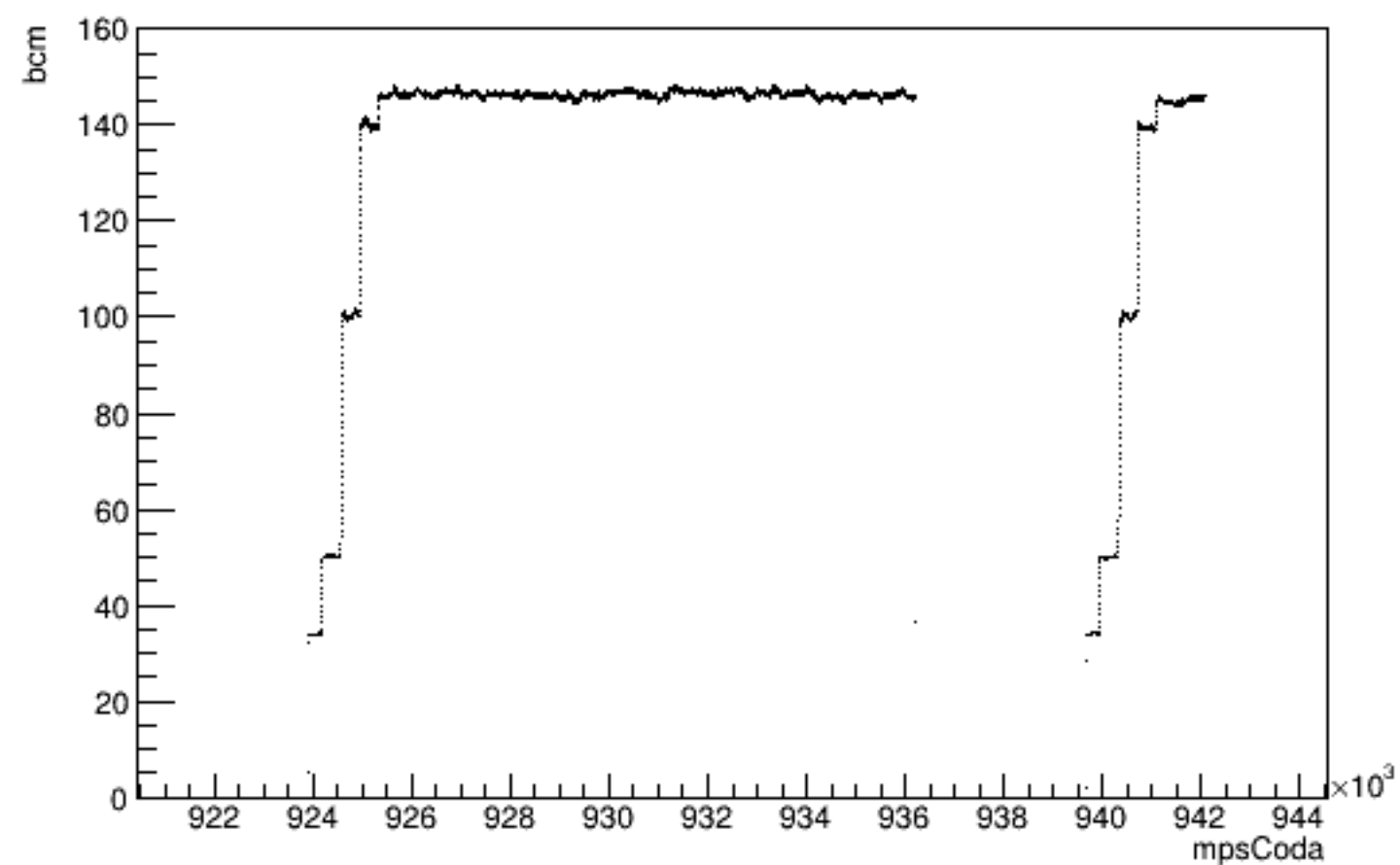
beamState + 1:mpsCoda {mpsCoda>=923042 && mpsCoda<=942081}



cavPowerCalibrated:mpsCoda {mpsCoda>=923042 && mpsCoda<=942081}



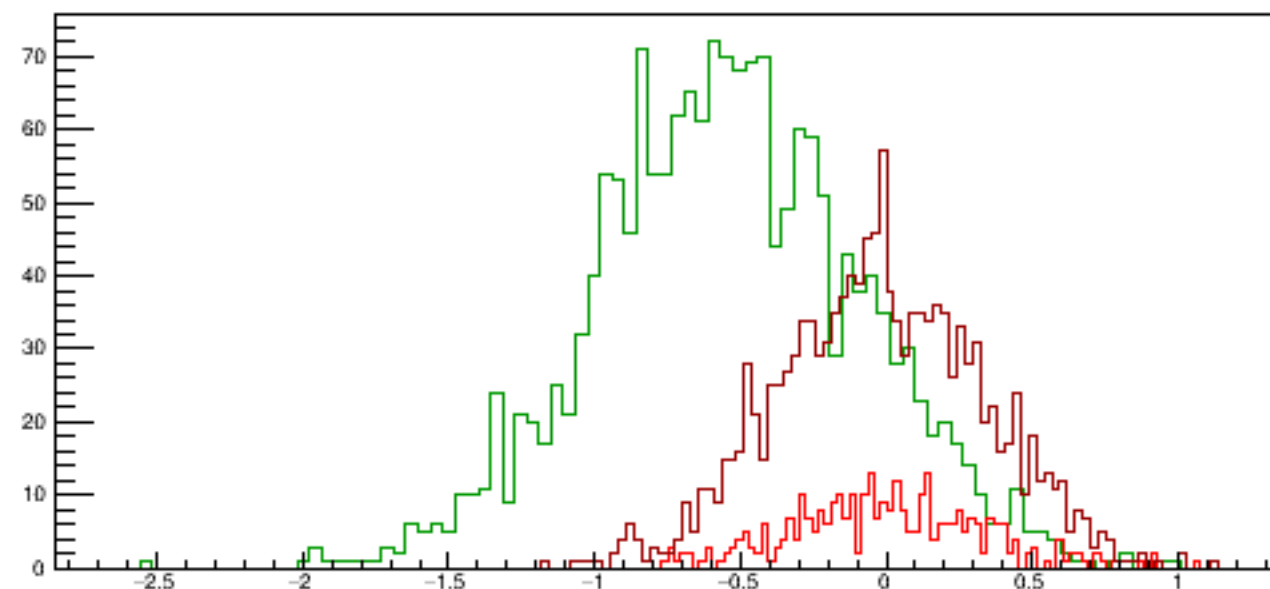
bcm:mpsCoda {mpsCoda>=923042 && mpsCoda<=942081}



Cycle 34, Diffs

Entries: 331	Entries: 1801	Entries: 1331
Mean: -0.0014 +/- 0.0182	Mean: -0.5428 +/- 0.0108	Mean: -0.0243 +/- 0.0097
Std Dev: 0.3309 +/- 0.0129	Std Dev: 0.4594 +/- 0.0077	Std Dev: 0.3531 +/- 0.0068

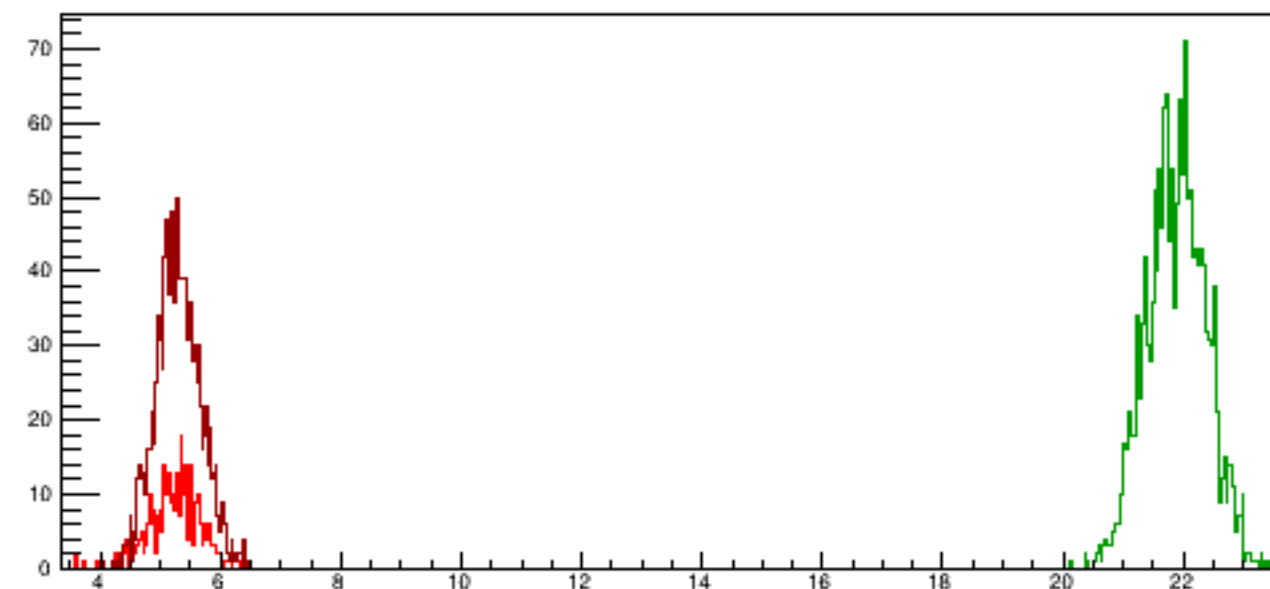
Run 6166 quartetwise, Diffs



Cycle 34, Sums

Entries: 331	Entries: 1801	Entries: 1331
Mean: 5.2348 +/- 0.0232	Mean: 21.8800 +/- 0.0116	Mean: 5.2965 +/- 0.0102
Std Dev: 0.4227 +/- 0.0164	Std Dev: 0.4922 +/- 0.0082	Std Dev: 0.3721 +/- 0.0072

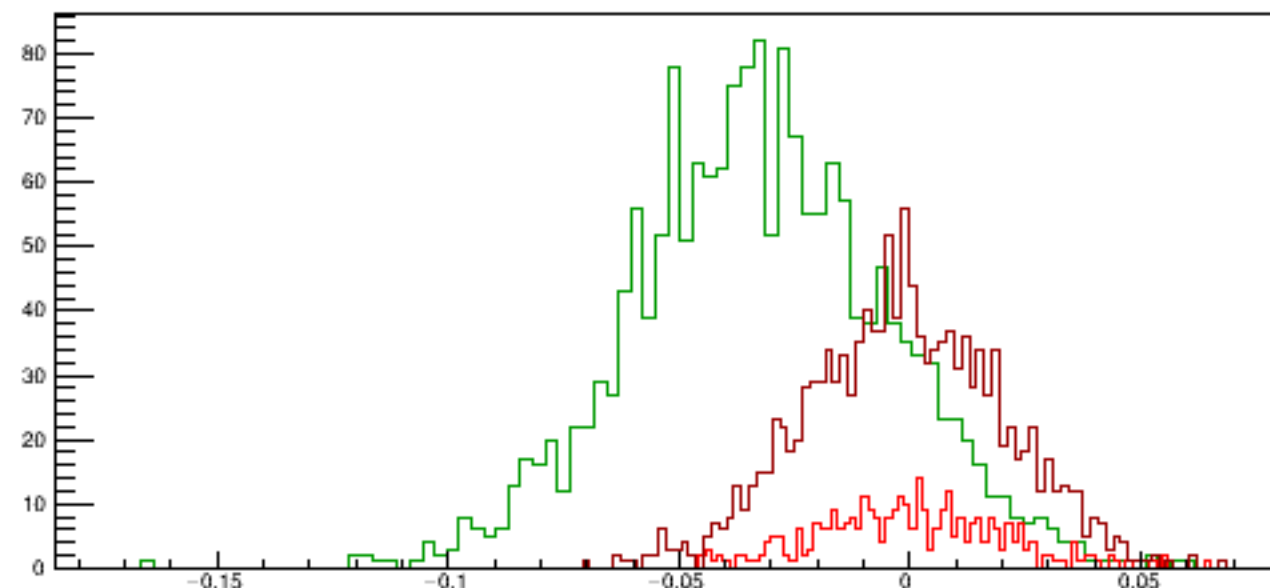
Run 6166 quartetwise, Sums



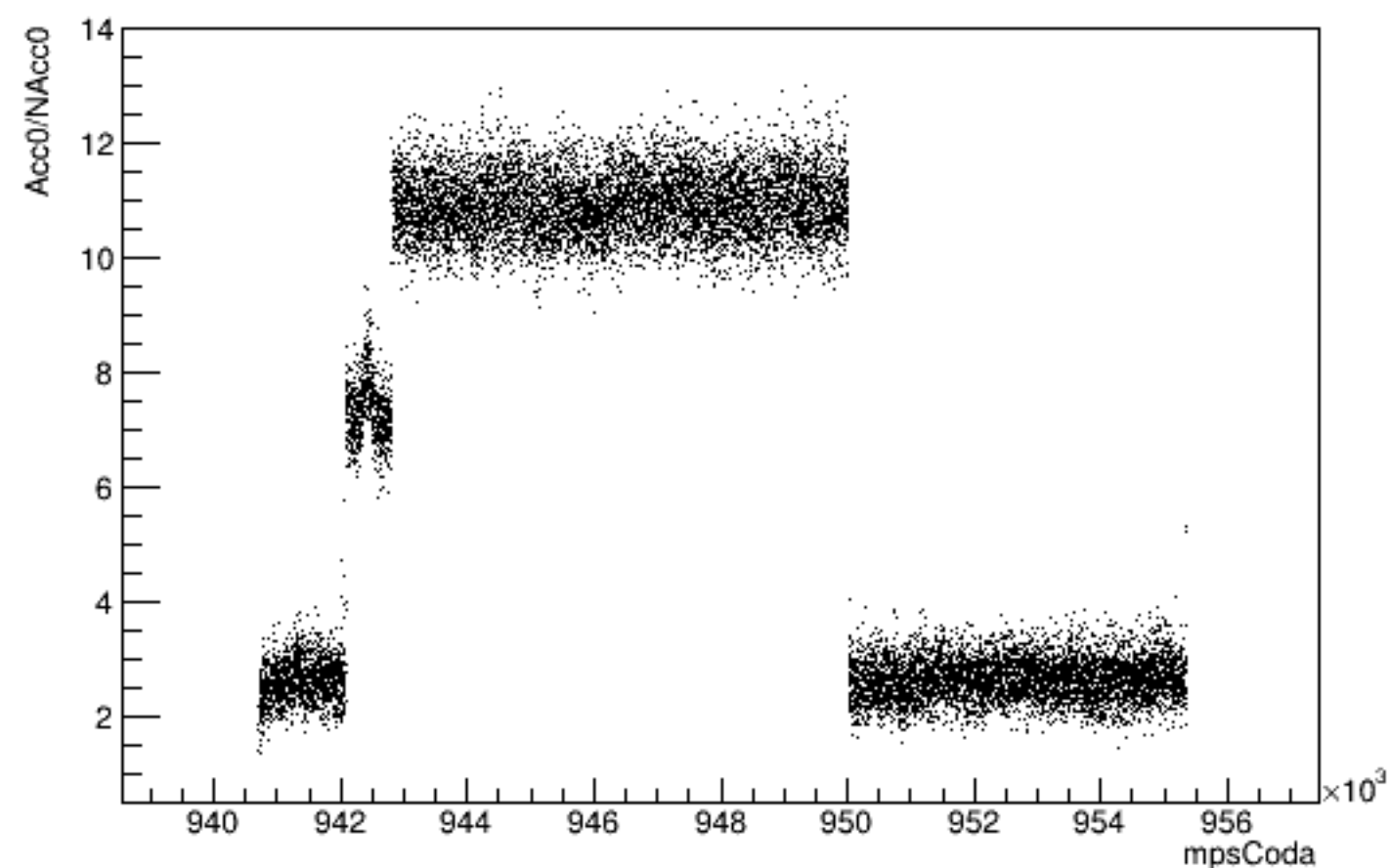
Cycle 34, Asyms

Entries: 331	Entries: 1801	Entries: 1331
Mean: -0.0001 +/- 0.0011	Mean: -0.0327 +/- 0.0007	Mean: -0.0015 +/- 0.0006
Std Dev: 0.0199 +/- 0.0008	Std Dev: 0.0277 +/- 0.0005	Std Dev: 0.0213 +/- 0.0004

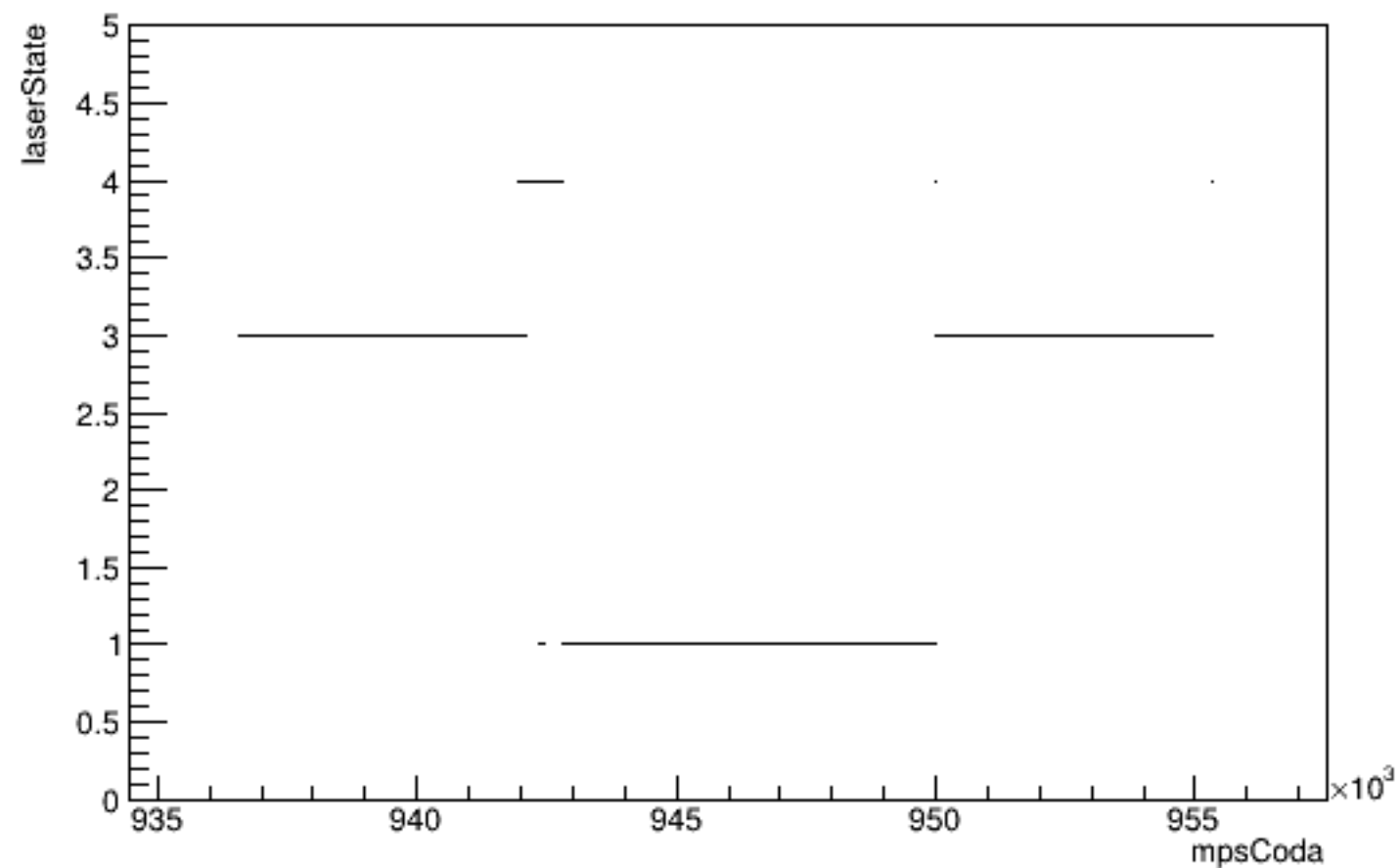
Run 6166 quartetwise, Asyms



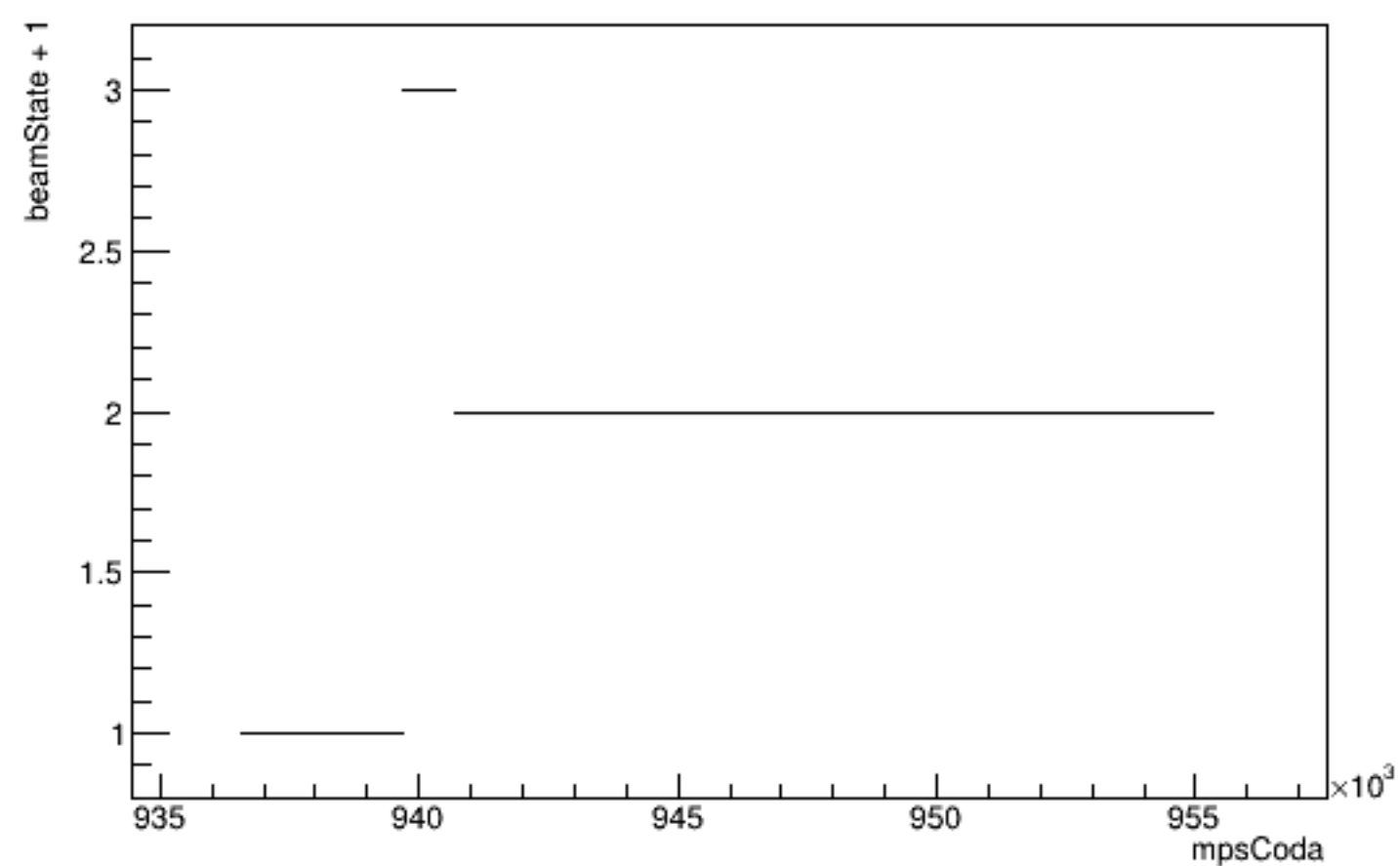
Acc0/NAcc0:mpsCoda (mpsCoda>=936594 && mpsCoda<=955345 && beamState==1)



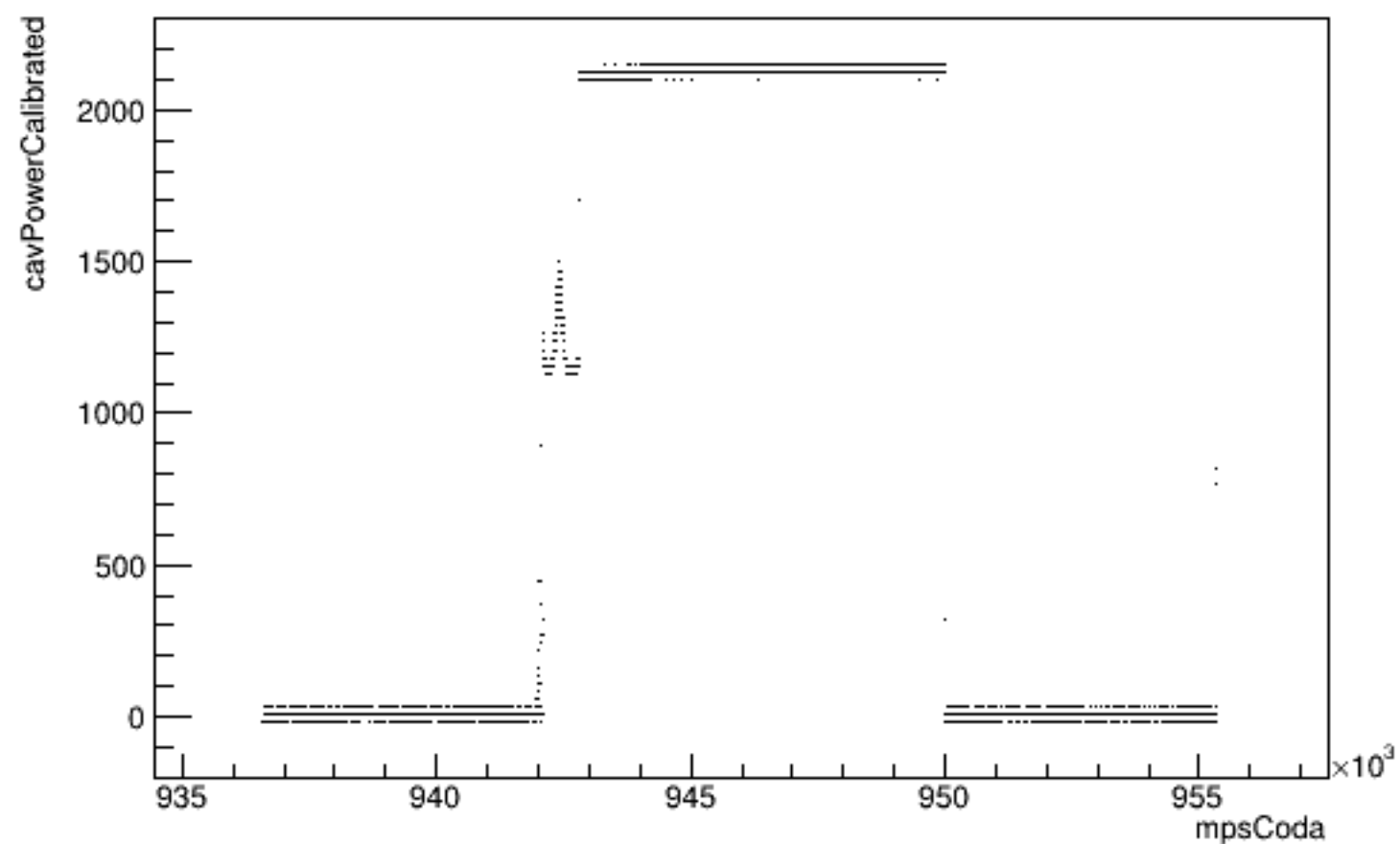
laserState:mpsCoda {mpsCoda>=936594 && mpsCoda<=955345}



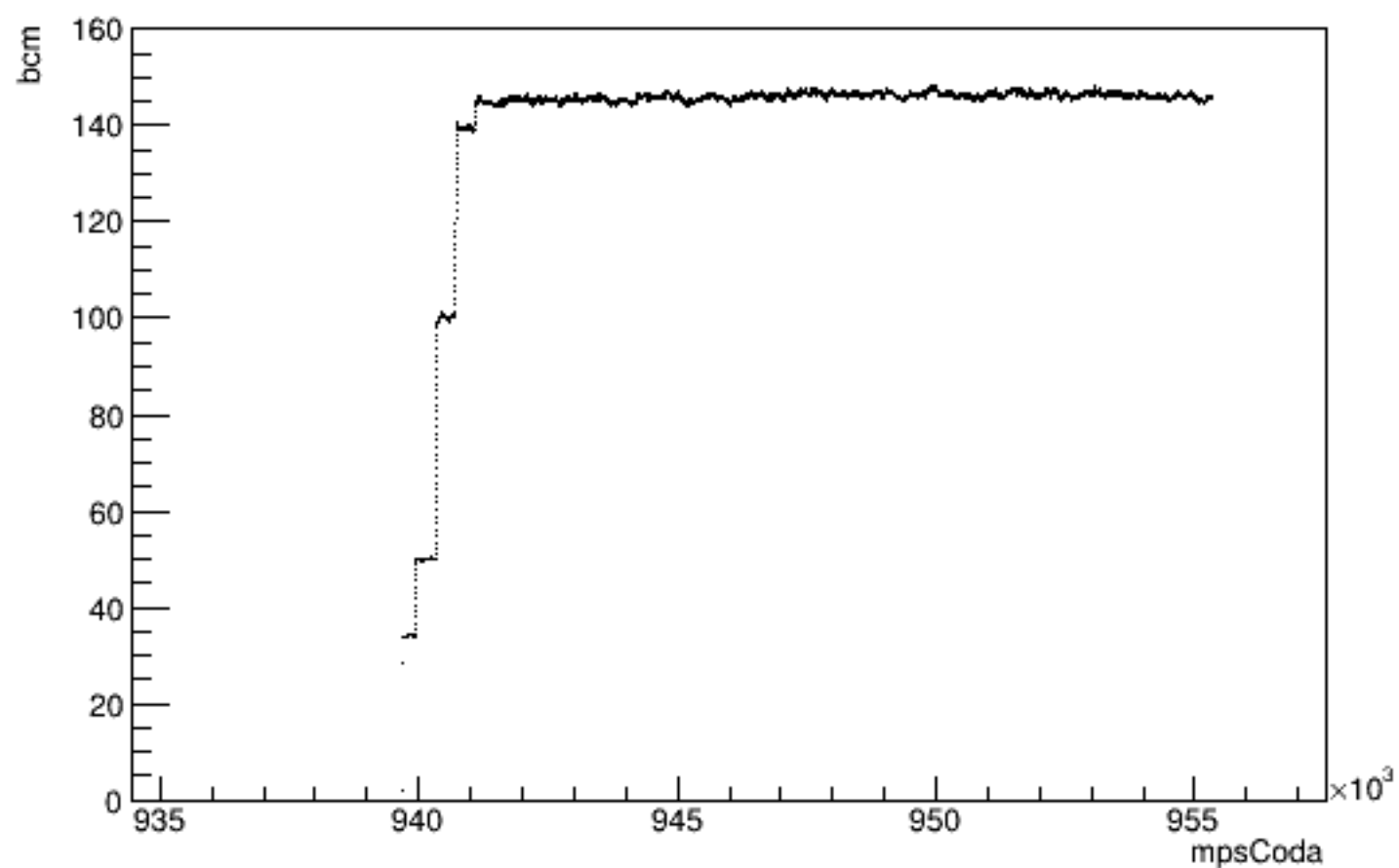
beamState + 1:mpsCoda {mpsCoda>=936594 && mpsCoda<=955345}



cavPowerCalibrated:mpsCoda {mpsCoda>=936594 && mpsCoda<=955345}



bcm:mpsCoda {mpsCoda>=936594 && mpsCoda<=955345}



Cycle 35, Diffs

Entries: 1329

Mean: -0.0096 +/- 0.0097

Std Dev: 0.3548 +/- 0.0069

Entries: 995

Mean: -0.5603 +/- 0.0146

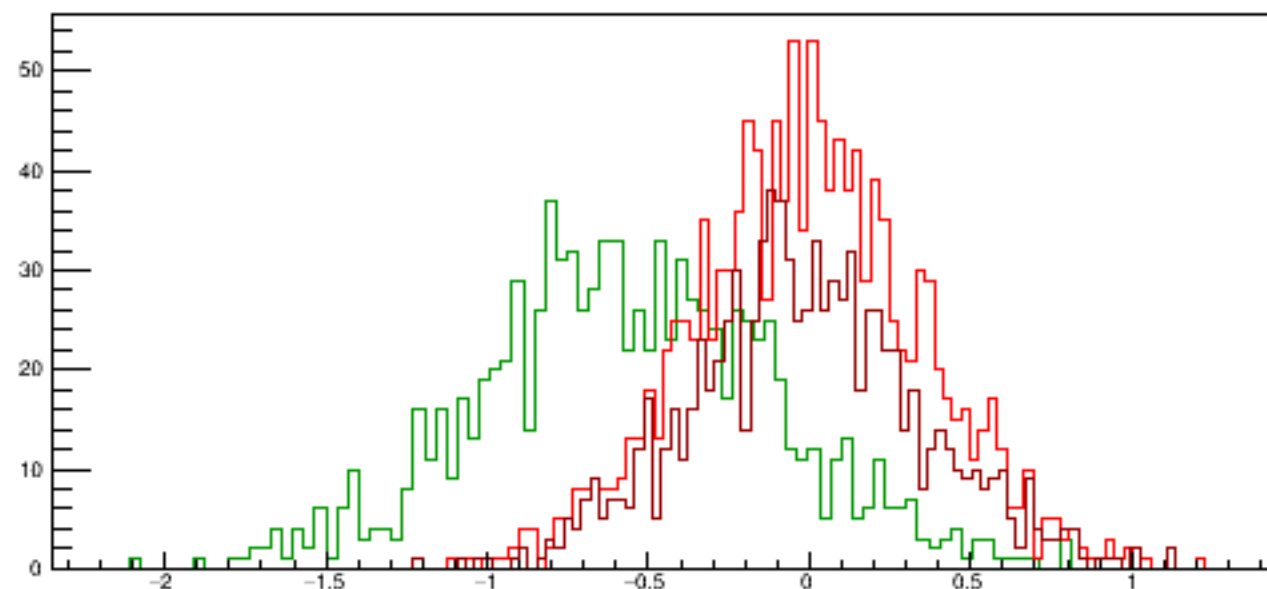
Std Dev: 0.4598 +/- 0.0103

Entries: 935

Mean: -0.0129 +/- 0.0117

Std Dev: 0.3584 +/- 0.0083

Run 6166 quartetwise, Diffs



Cycle 35, Sums

Entries: 1329

Mean: 5.7258 +/- 0.0106

Std Dev: 0.3853 +/- 0.0075

Entries: 995

Mean: 22.3584 +/- 0.0151

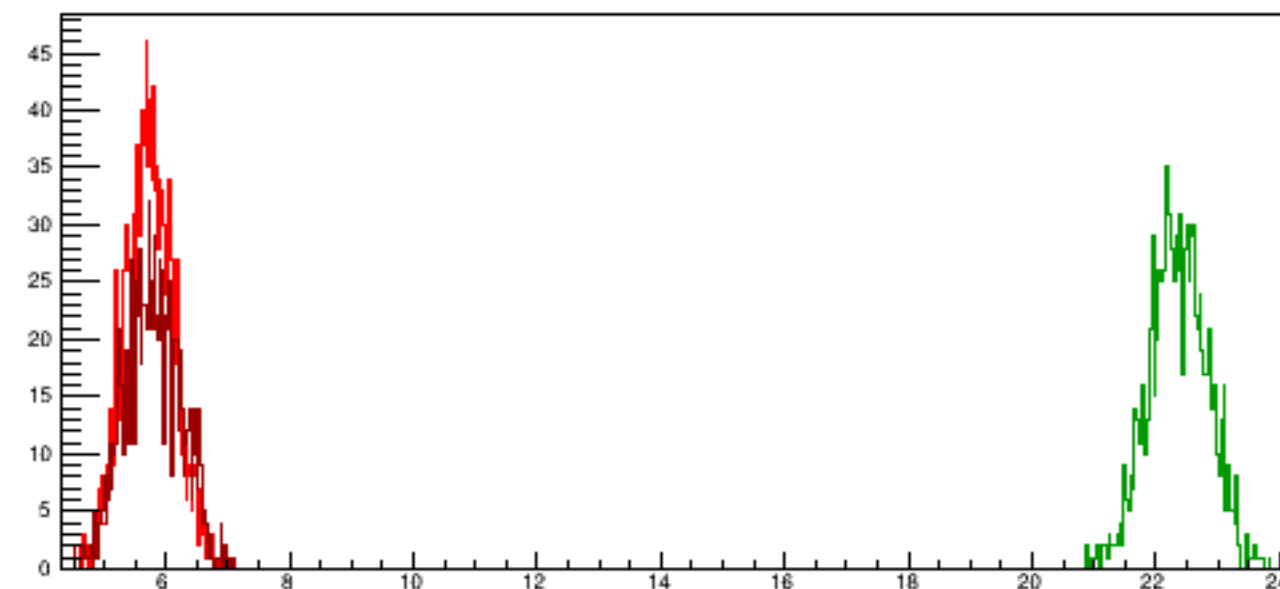
Std Dev: 0.4773 +/- 0.0107

Entries: 935

Mean: 5.7883 +/- 0.0146

Std Dev: 0.4477 +/- 0.0104

Run 6166 quartetwise, Sums



Cycle 35, Asyms

Entries: 1329

Mean: -0.0006 +/- 0.0006

Std Dev: 0.0214 +/- 0.0004

Entries: 995

Mean: -0.0338 +/- 0.0009

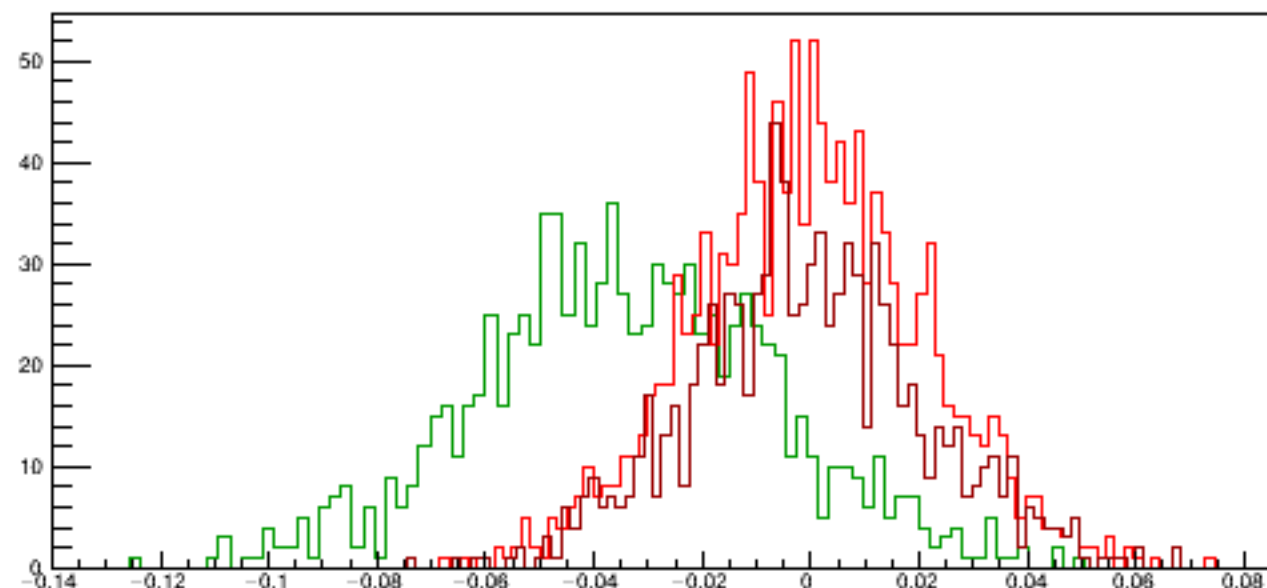
Std Dev: 0.0277 +/- 0.0006

Entries: 935

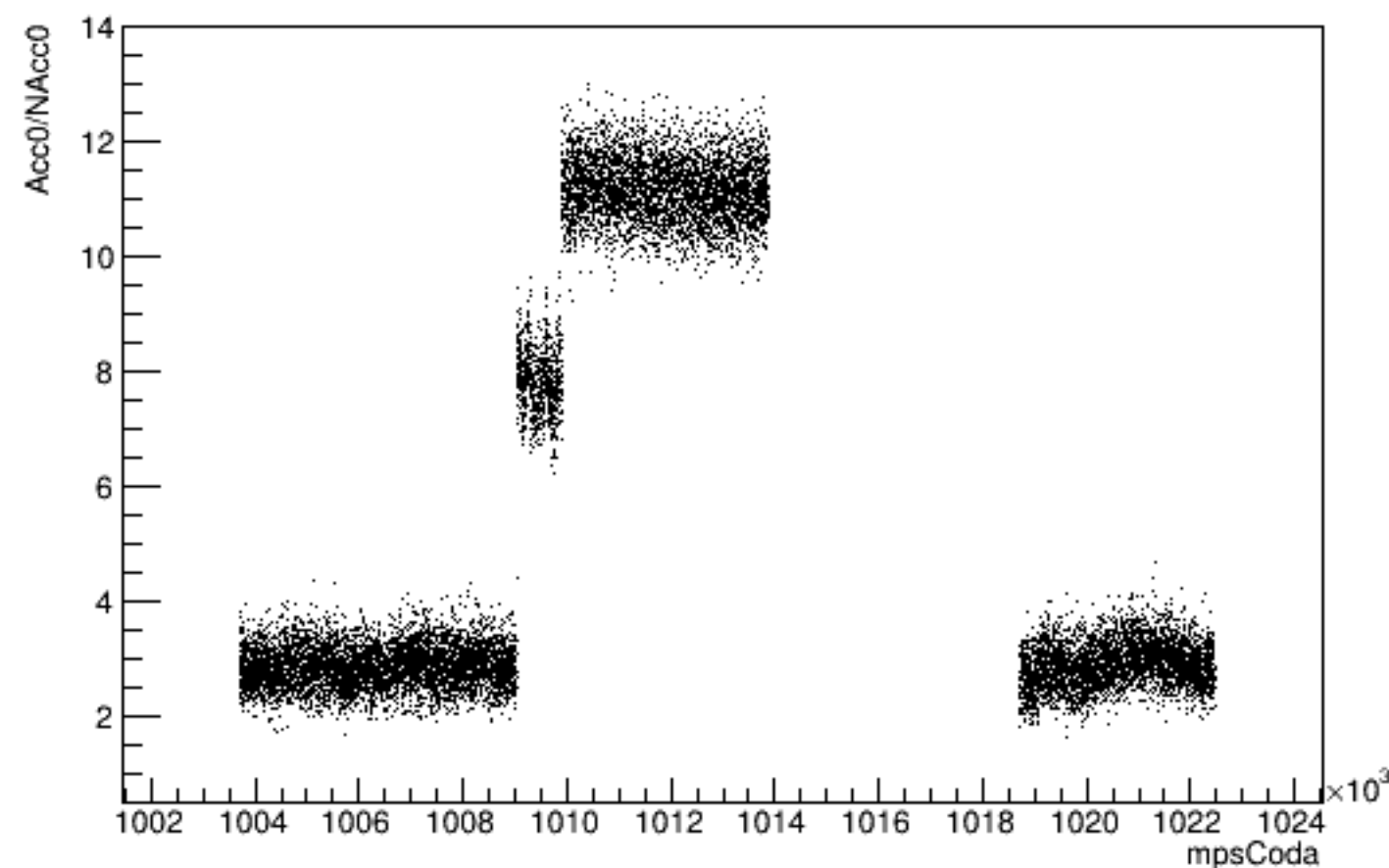
Mean: -0.0008 +/- 0.0007

Std Dev: 0.0216 +/- 0.0005

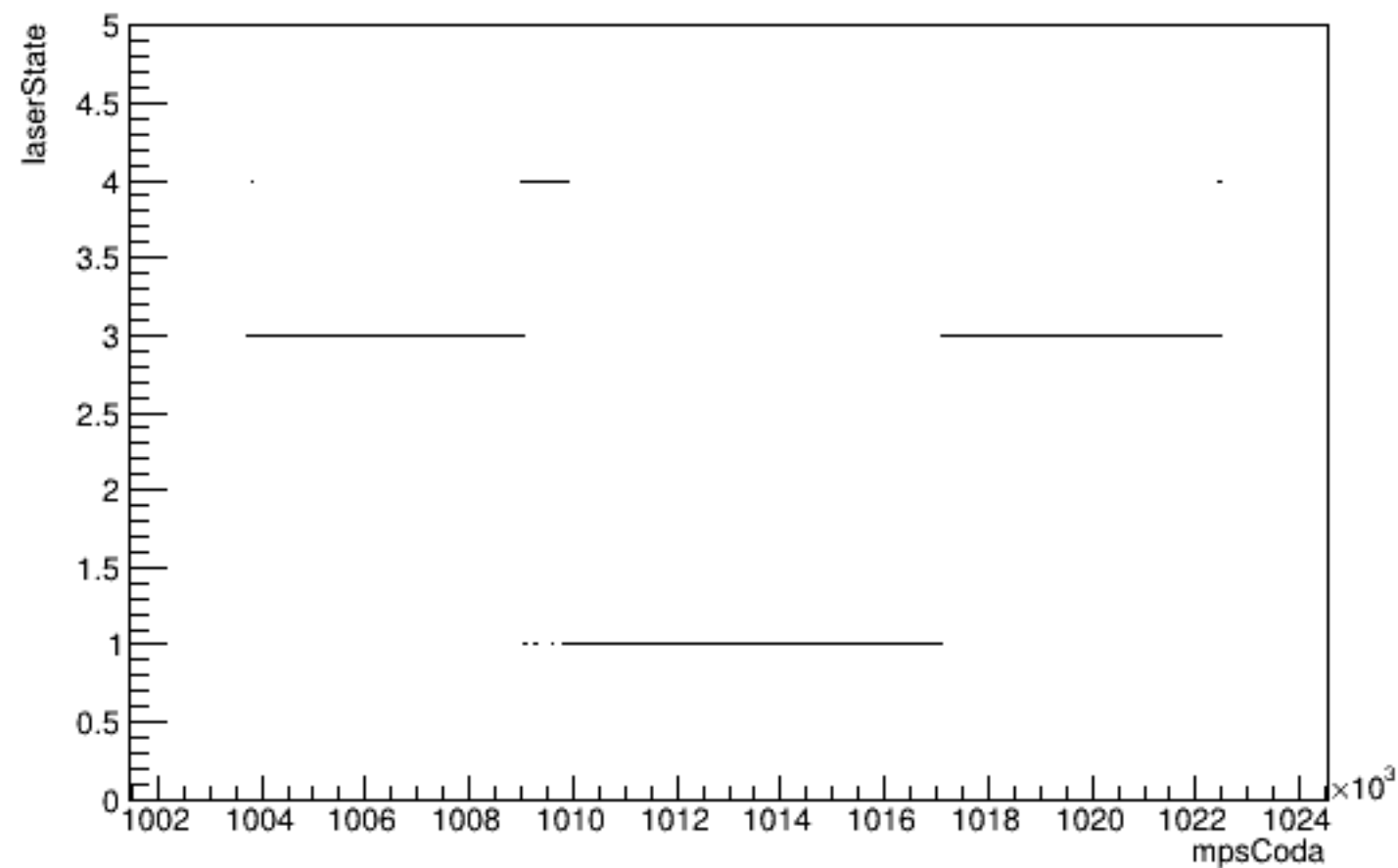
Run 6166 quartetwise, Asyms



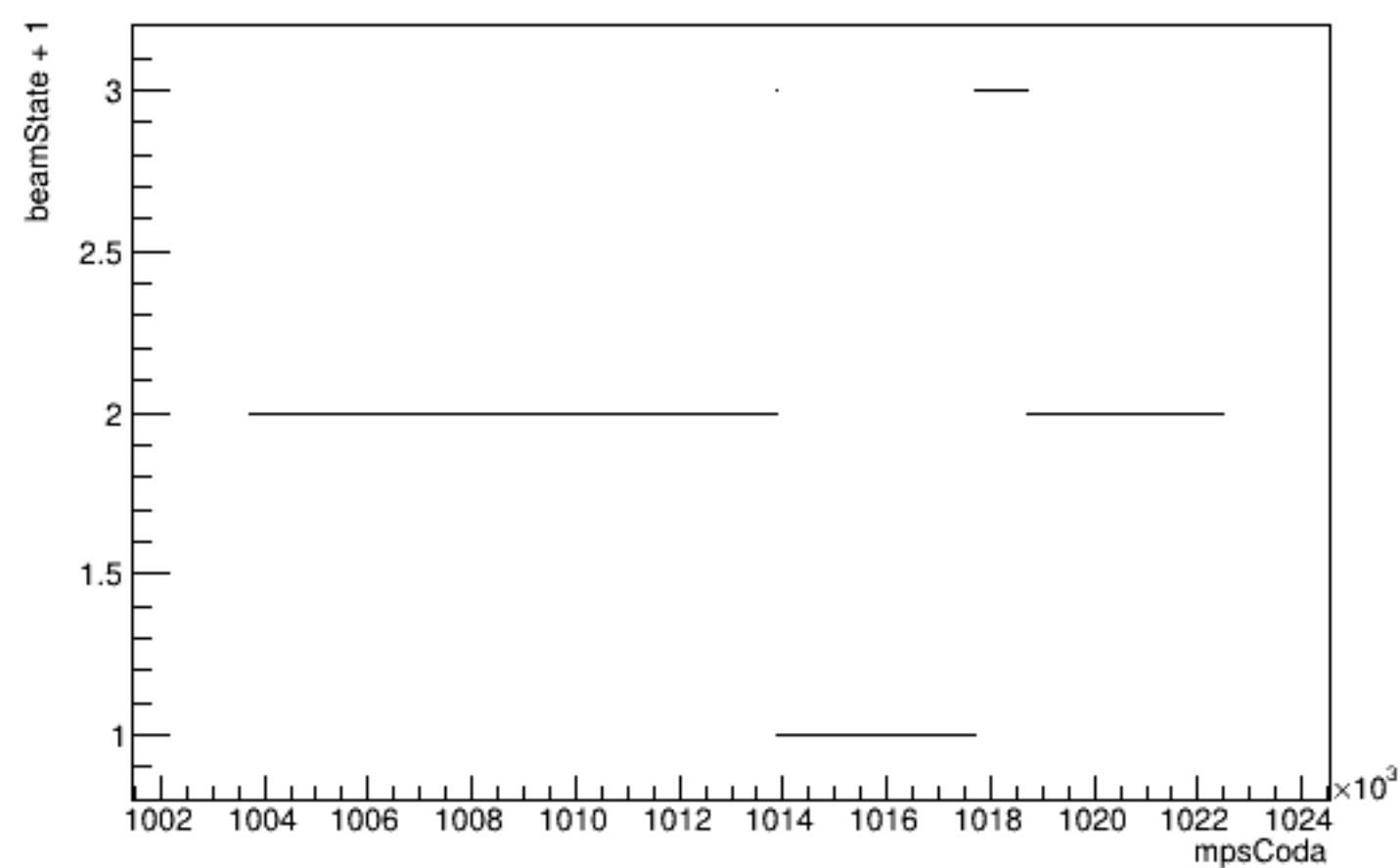
Acc0/NAcc0:mpsCoda (mpsCoda>=1003706 && mpsCoda<=1022461 && beamState==1)



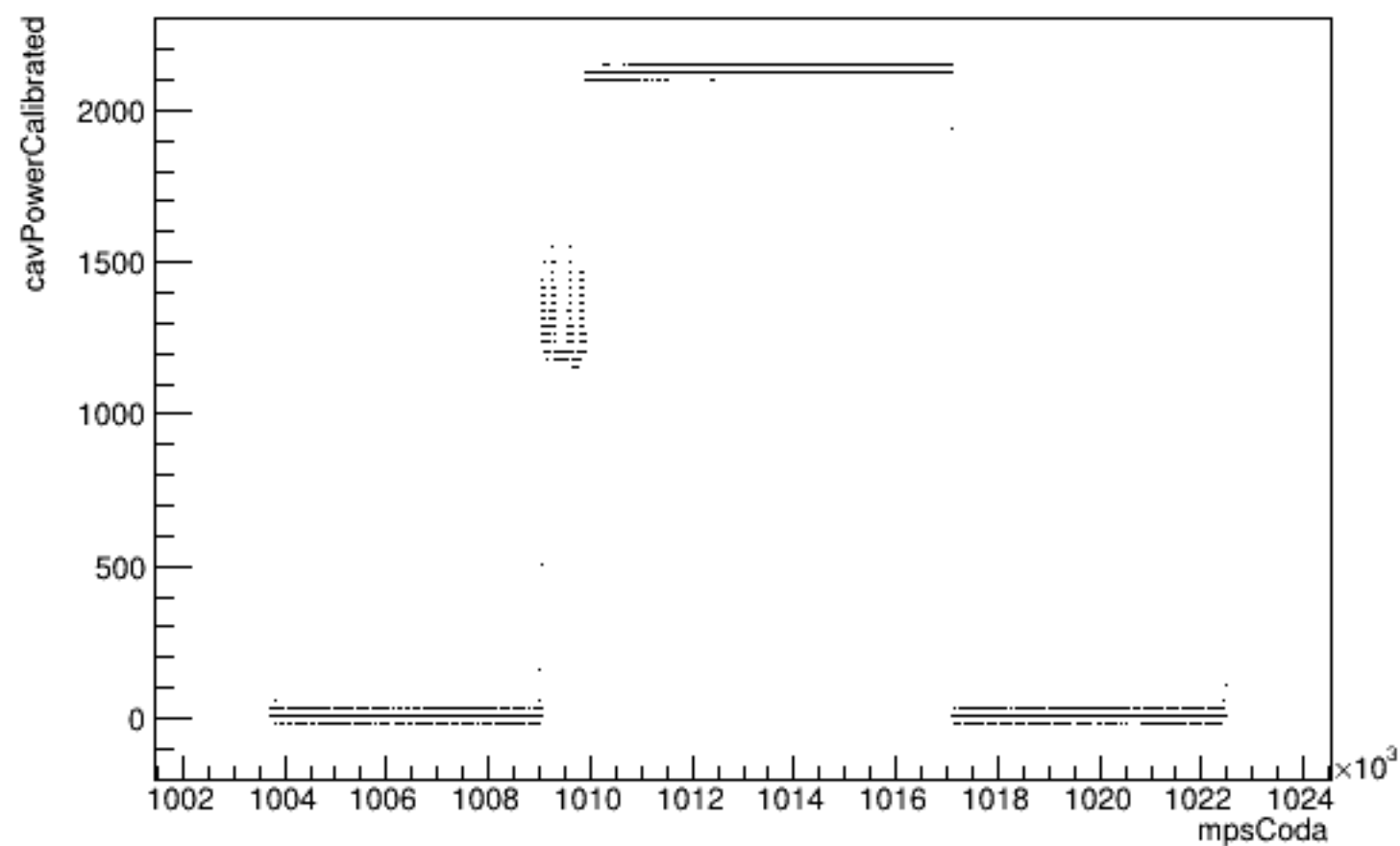
laserState:mpsCoda {mpsCoda>=1003706 && mpsCoda<=1022461}



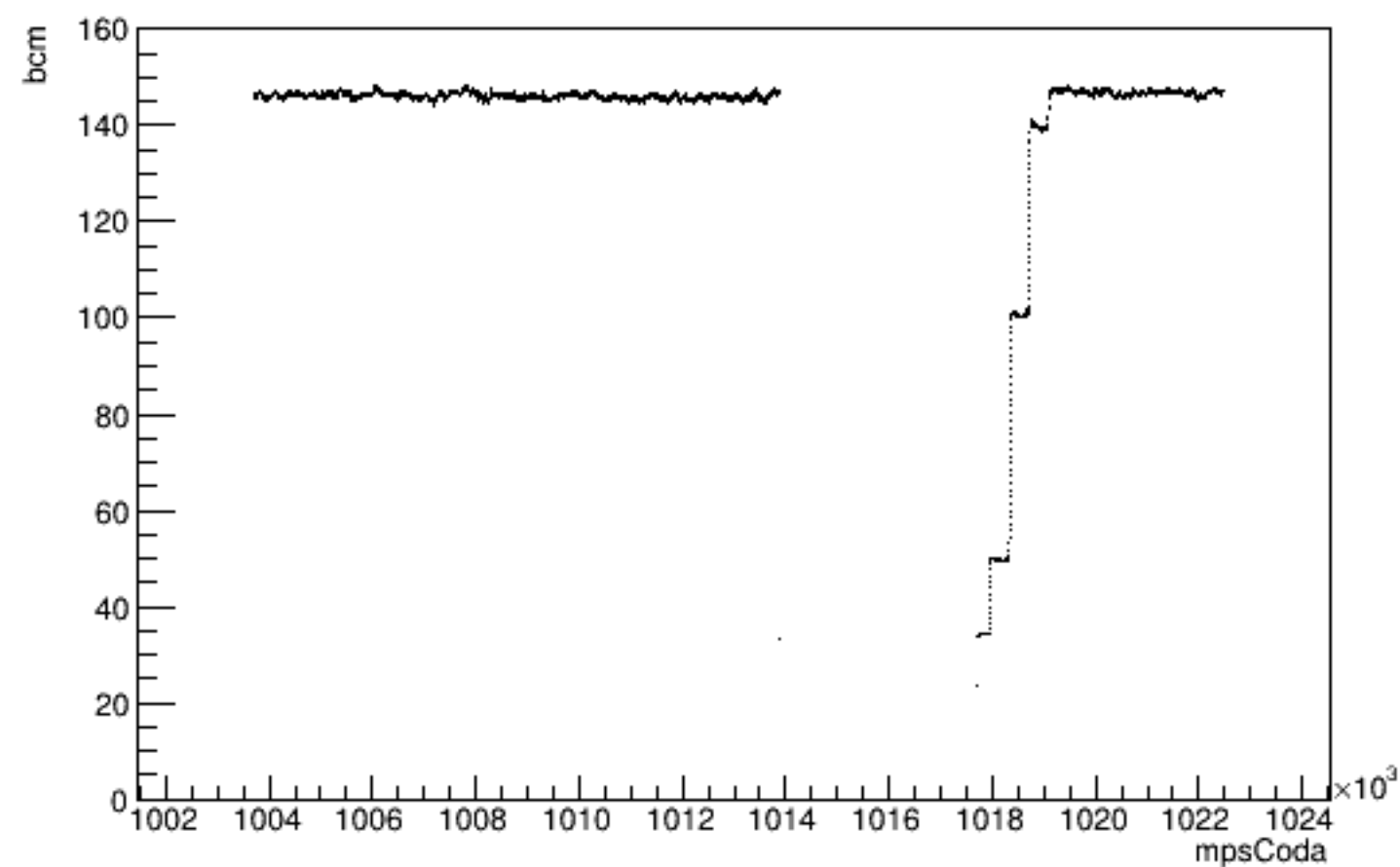
beamState + 1:mpsCoda {mpsCoda>=1003706 && mpsCoda<=1022461}



cavPowerCalibrated:mpsCoda {mpsCoda>=1003706 && mpsCoda<=1022461}



bcm:mpsCoda {mpsCoda>=1003706 && mpsCoda<=1022461}



Cycle 36, Diffs

Entries: 1324

Mean: -0.0041 +/- 0.0099

Std Dev: 0.3586 +/- 0.0070

Entries: 531

Mean: -0.5452 +/- 0.0184

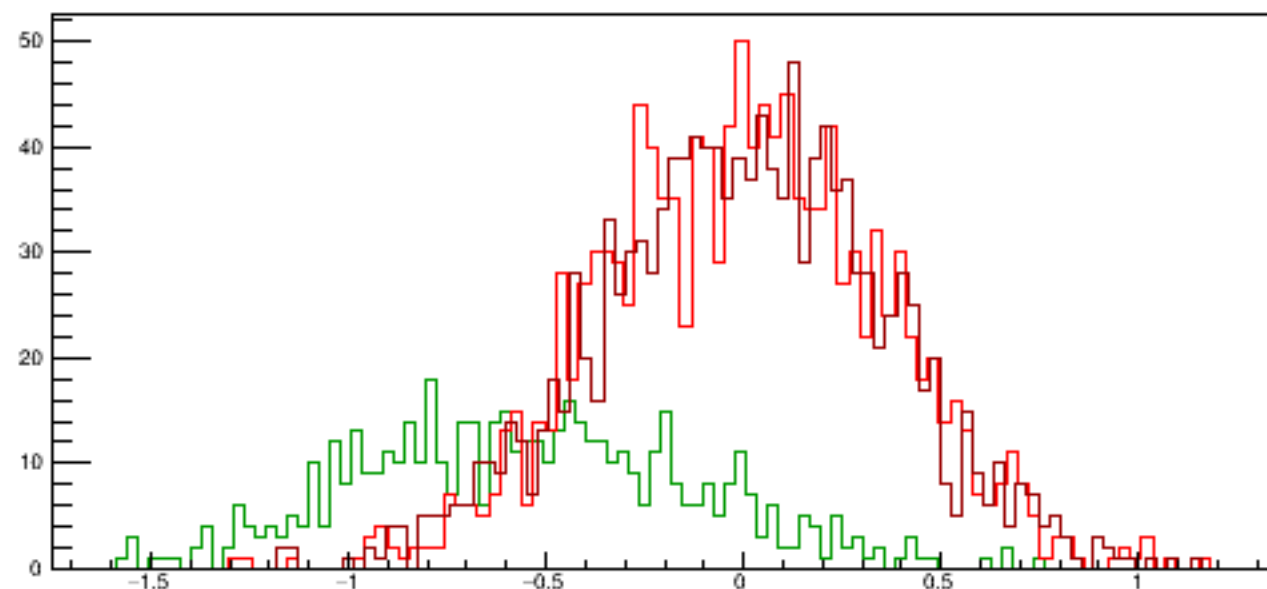
Std Dev: 0.4250 +/- 0.0130

Entries: 1340

Mean: -0.0042 +/- 0.0099

Std Dev: 0.3612 +/- 0.0070

Run 6166 quartetwise, Diffs



Cycle 36, Sums

Entries: 1324

Mean: 5.8968 +/- 0.0107

Std Dev: 0.3896 +/- 0.0076

Entries: 531

Mean: 22.4106 +/- 0.0286

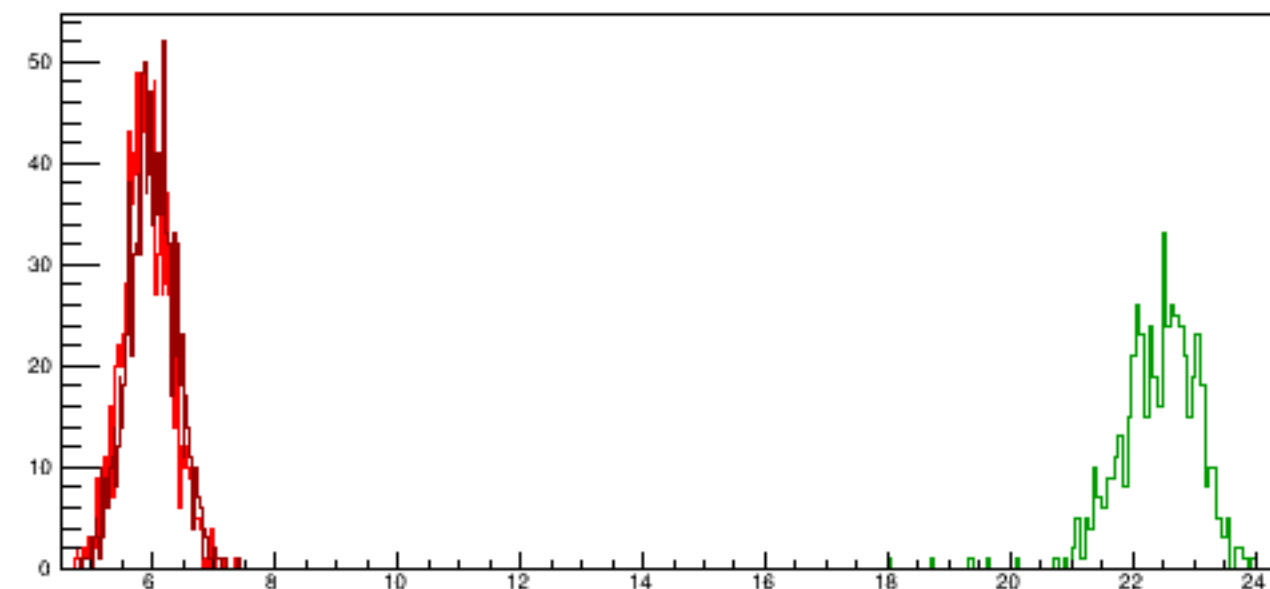
Std Dev: 0.6600 +/- 0.0203

Entries: 1340

Mean: 5.9875 +/- 0.0105

Std Dev: 0.3851 +/- 0.0074

Run 6166 quartetwise, Sums



Cycle 36, Asyms

Entries: 1324

Mean: -0.0002 +/- 0.0006

Std Dev: 0.0218 +/- 0.0004

Entries: 531

Mean: -0.0332 +/- 0.0011

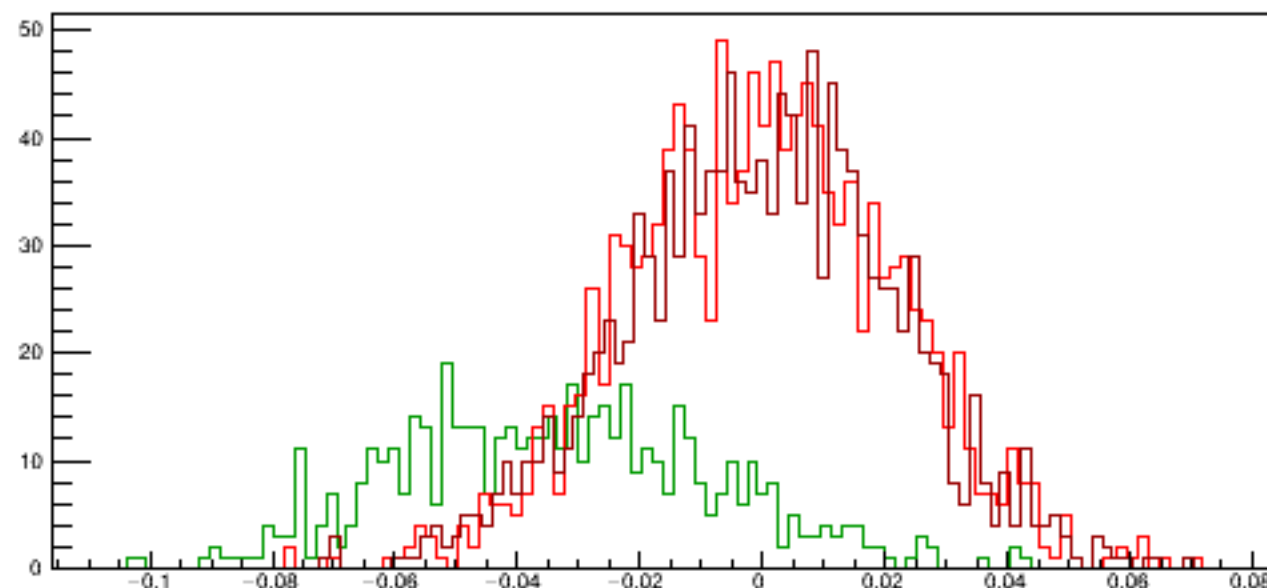
Std Dev: 0.0259 +/- 0.0008

Entries: 1340

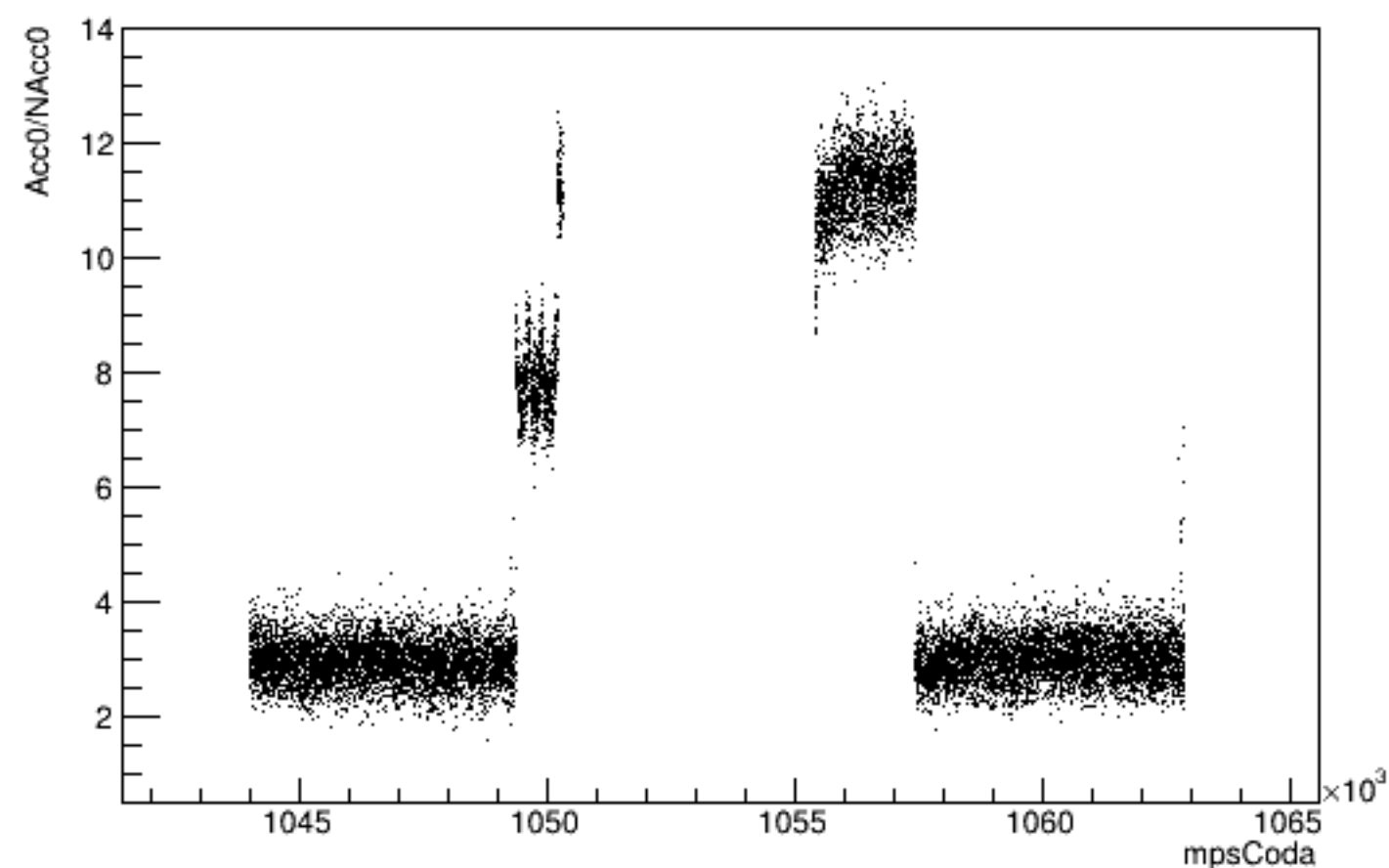
Mean: -0.0003 +/- 0.0006

Std Dev: 0.0219 +/- 0.0004

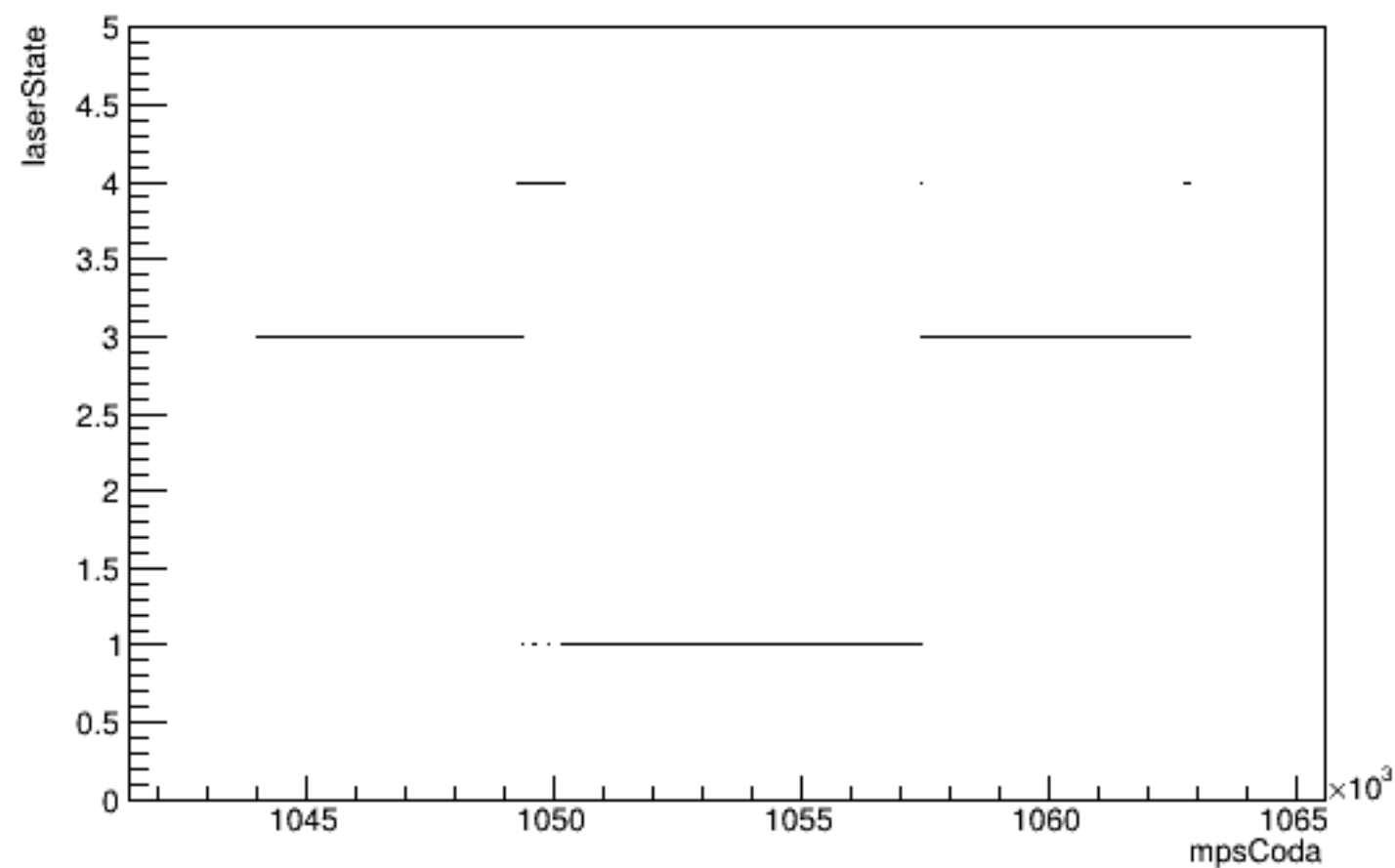
Run 6166 quartetwise, Asyms



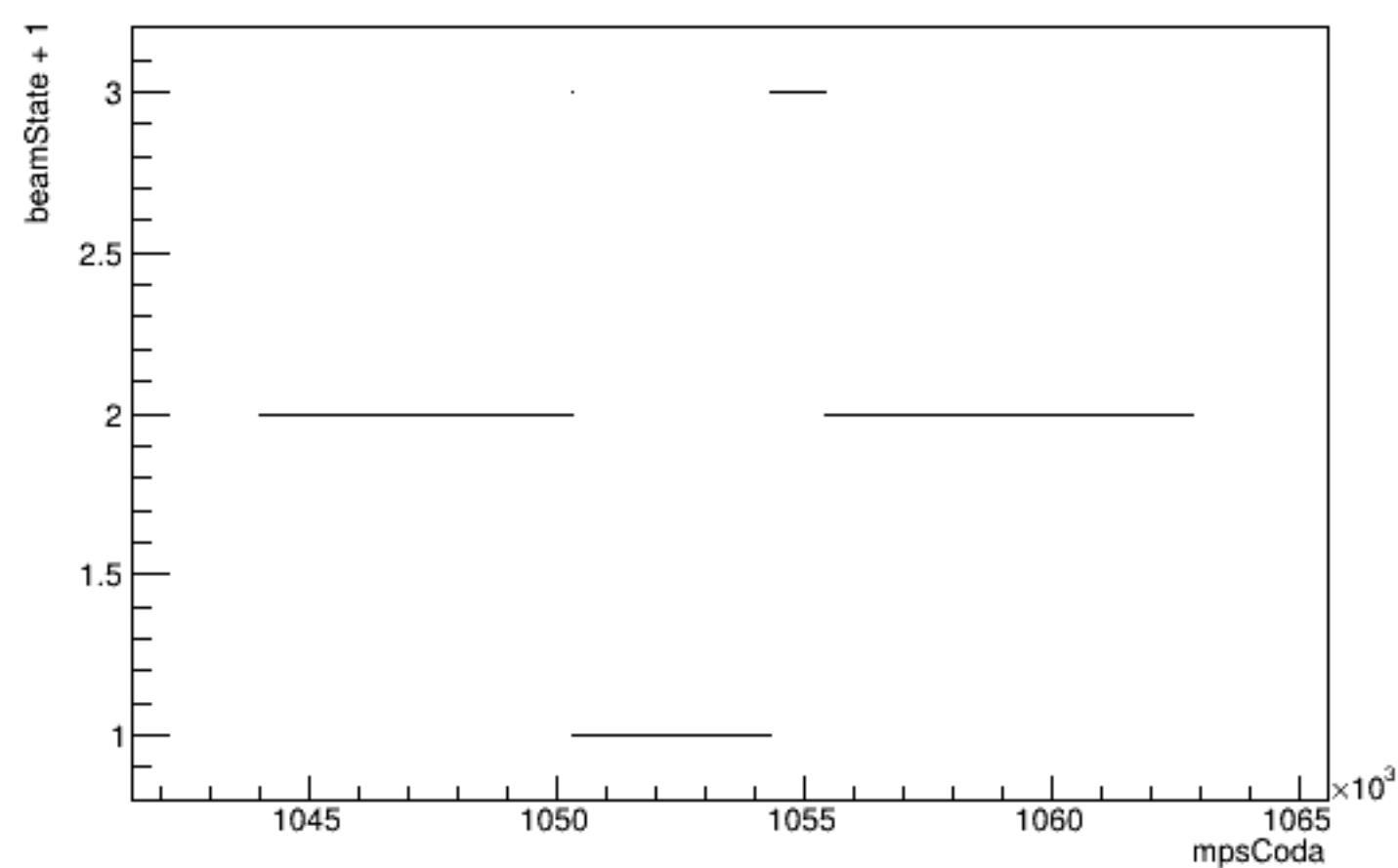
Acc0/NAcc0:mpsCoda (mpsCoda>=1043990 && mpsCoda<=1062849 && beamState==1)



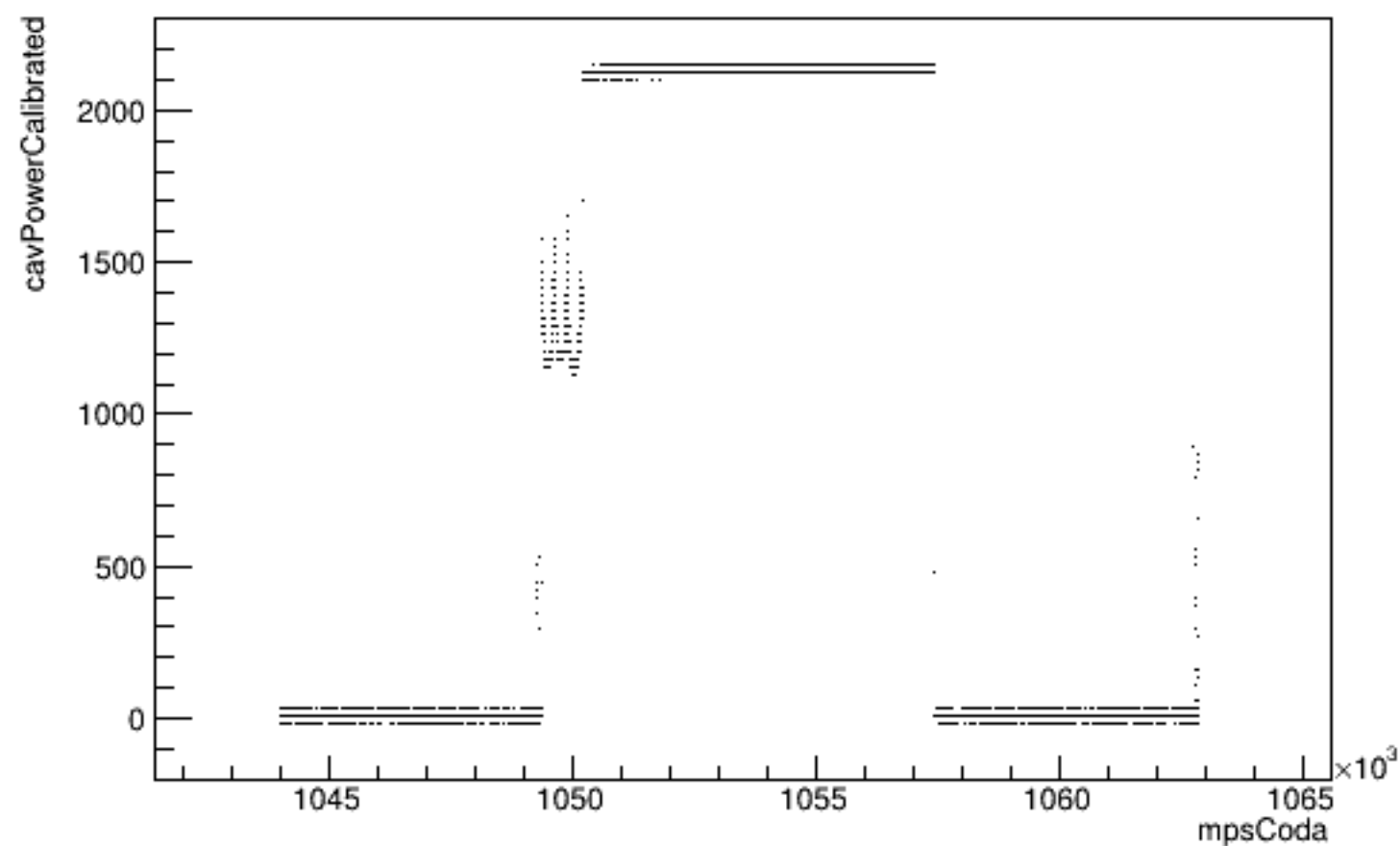
laserState:mpsCoda {mpsCoda>=1043990 && mpsCoda<=1062849}



beamState + 1:mpsCoda {mpsCoda>=1043990 && mpsCoda<=1062849}



cavPowerCalibrated:mpsCoda {mpsCoda>=1043990 && mpsCoda<=1062849}



bcm:mpsCoda {mpsCoda>=1043990 && mpsCoda<=1062849}

