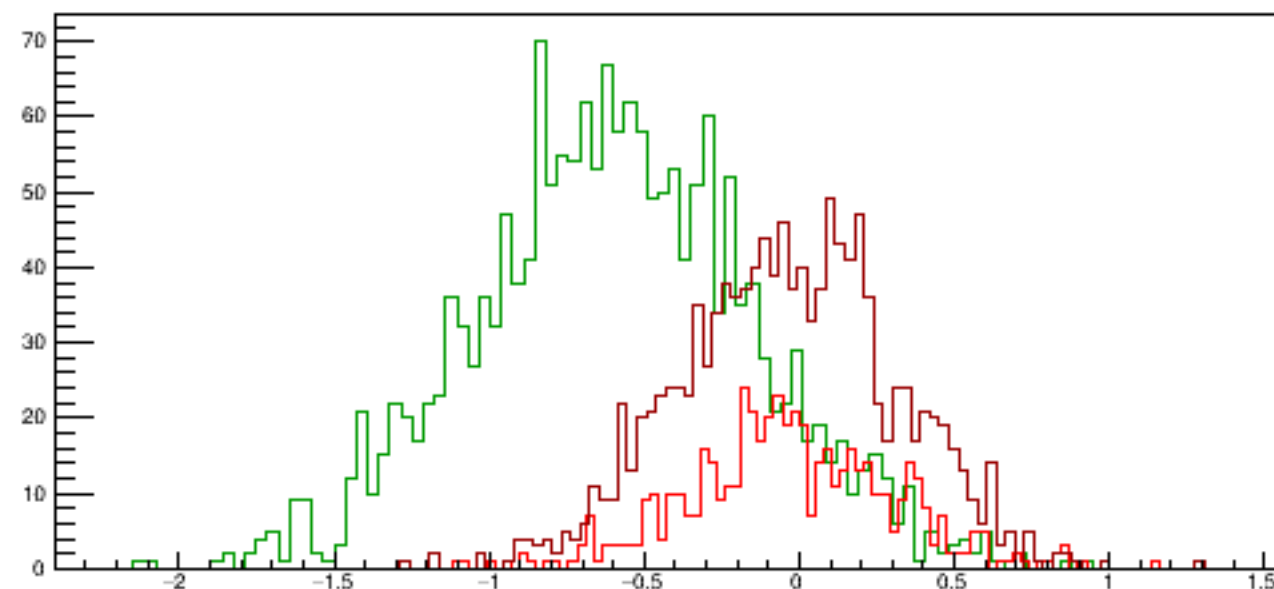


Cycle 1, Diffs

Entries: 530	Entries: 1806	Entries: 1219
Mean: -0.0308 +/- 0.0146	Mean: -0.5958 +/- 0.0106	Mean: -0.0408 +/- 0.0100
Std Dev: 0.3371 +/- 0.0104	Std Dev: 0.4519 +/- 0.0075	Std Dev: 0.3477 +/- 0.0070

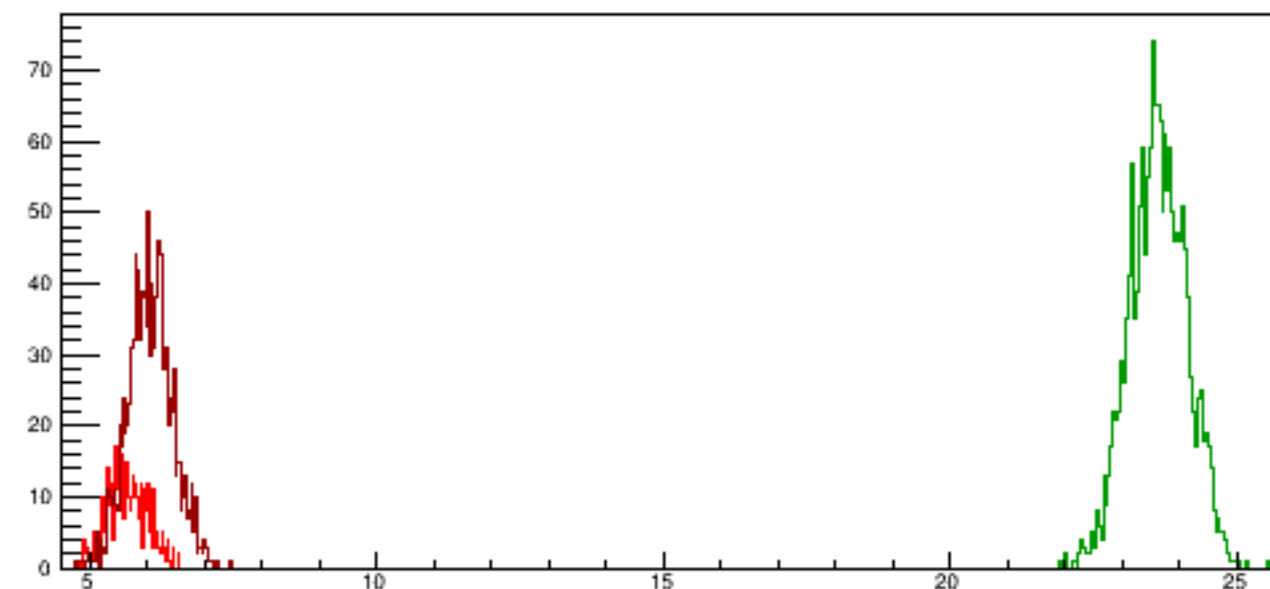
Run 6173 quartetwise, Diffs



Cycle 1, Sums

Entries: 530	Entries: 1806	Entries: 1219
Mean: 5.6543 +/- 0.0154	Mean: 23.6239 +/- 0.0117	Mean: 6.0511 +/- 0.0112
Std Dev: 0.3542 +/- 0.0109	Std Dev: 0.4984 +/- 0.0083	Std Dev: 0.3910 +/- 0.0079

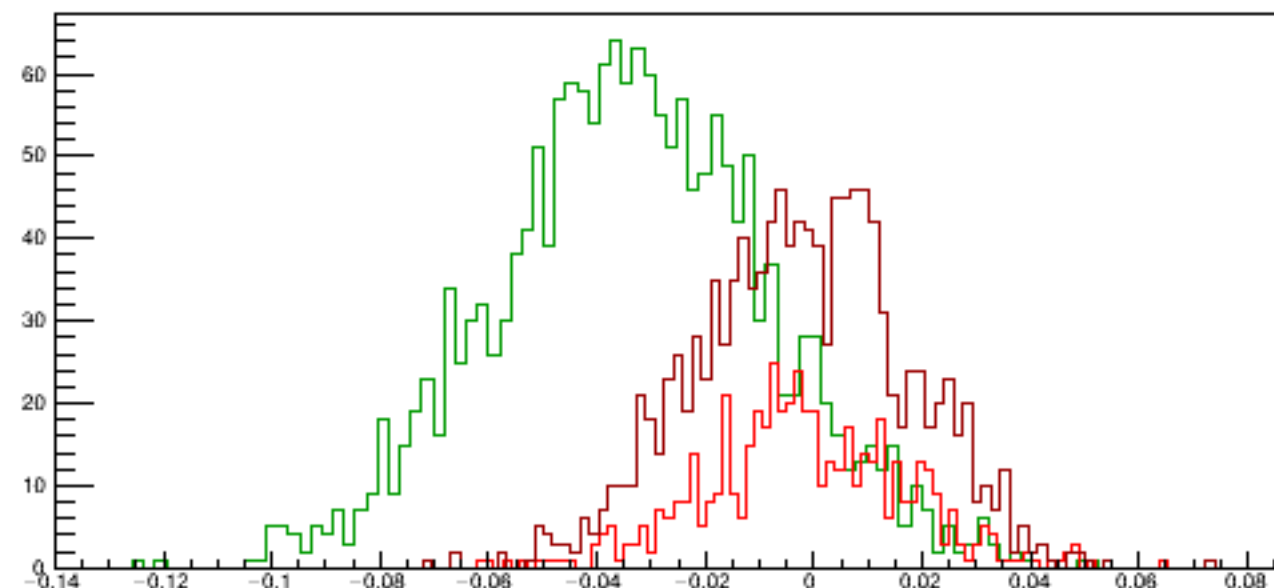
Run 6173 quartetwise, Sums



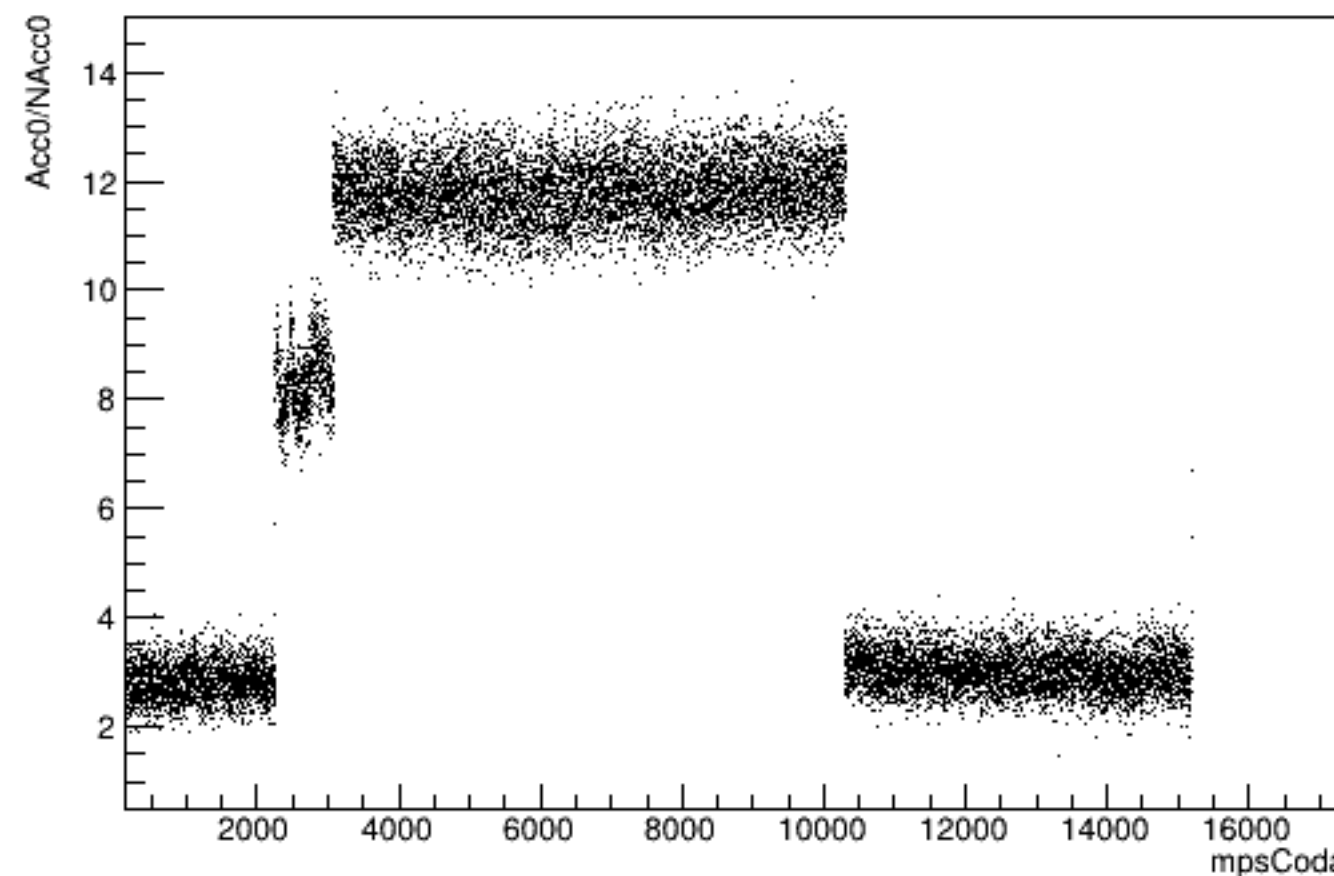
Cycle 1, Asyms

Entries: 530	Entries: 1806	Entries: 1219
Mean: -0.0017 +/- 0.0008	Mean: -0.0336 +/- 0.0006	Mean: -0.0023 +/- 0.0006
Std Dev: 0.0190 +/- 0.0006	Std Dev: 0.0255 +/- 0.0004	Std Dev: 0.0196 +/- 0.0004

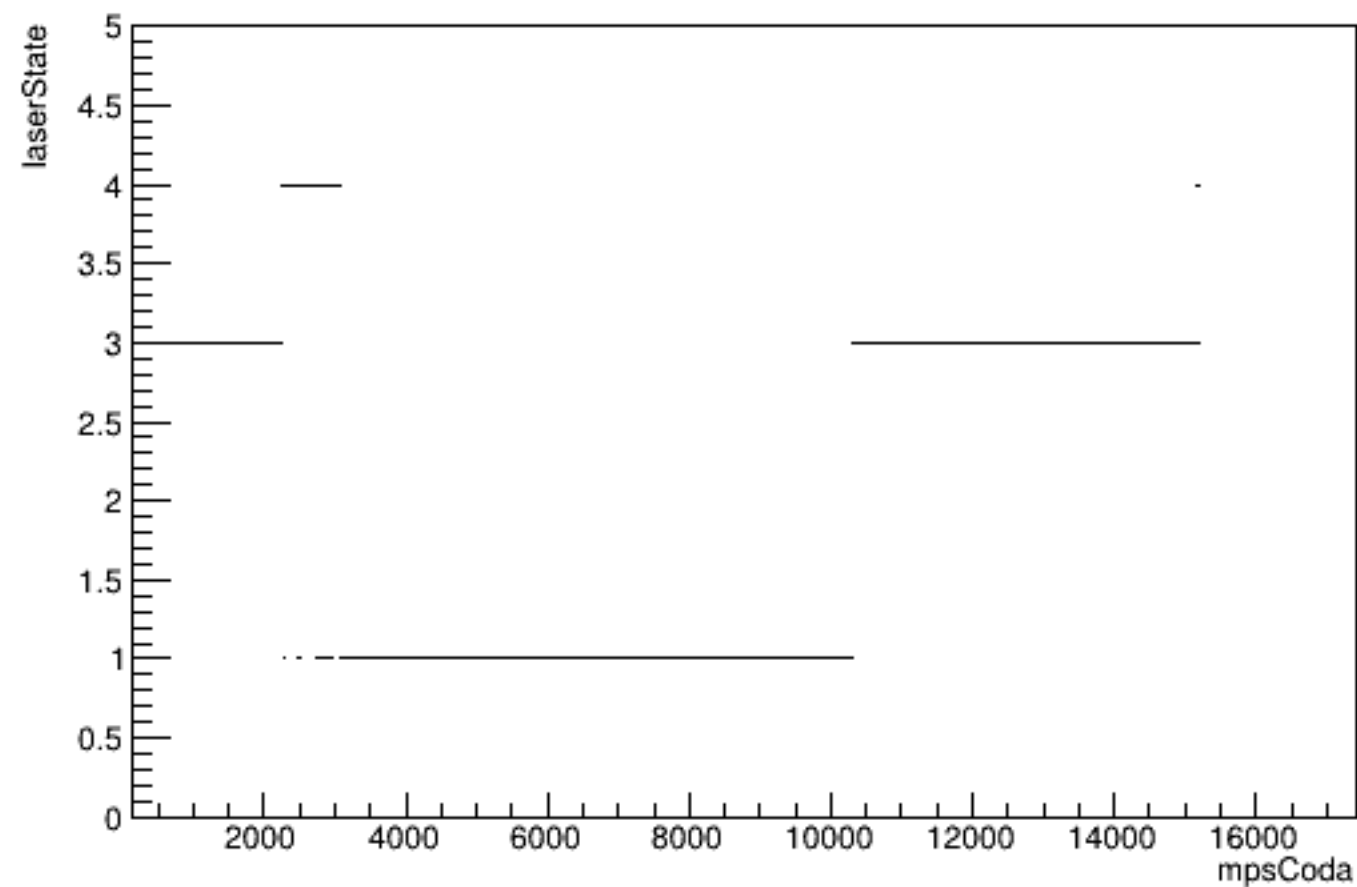
Run 6173 quartetwise, Asyms



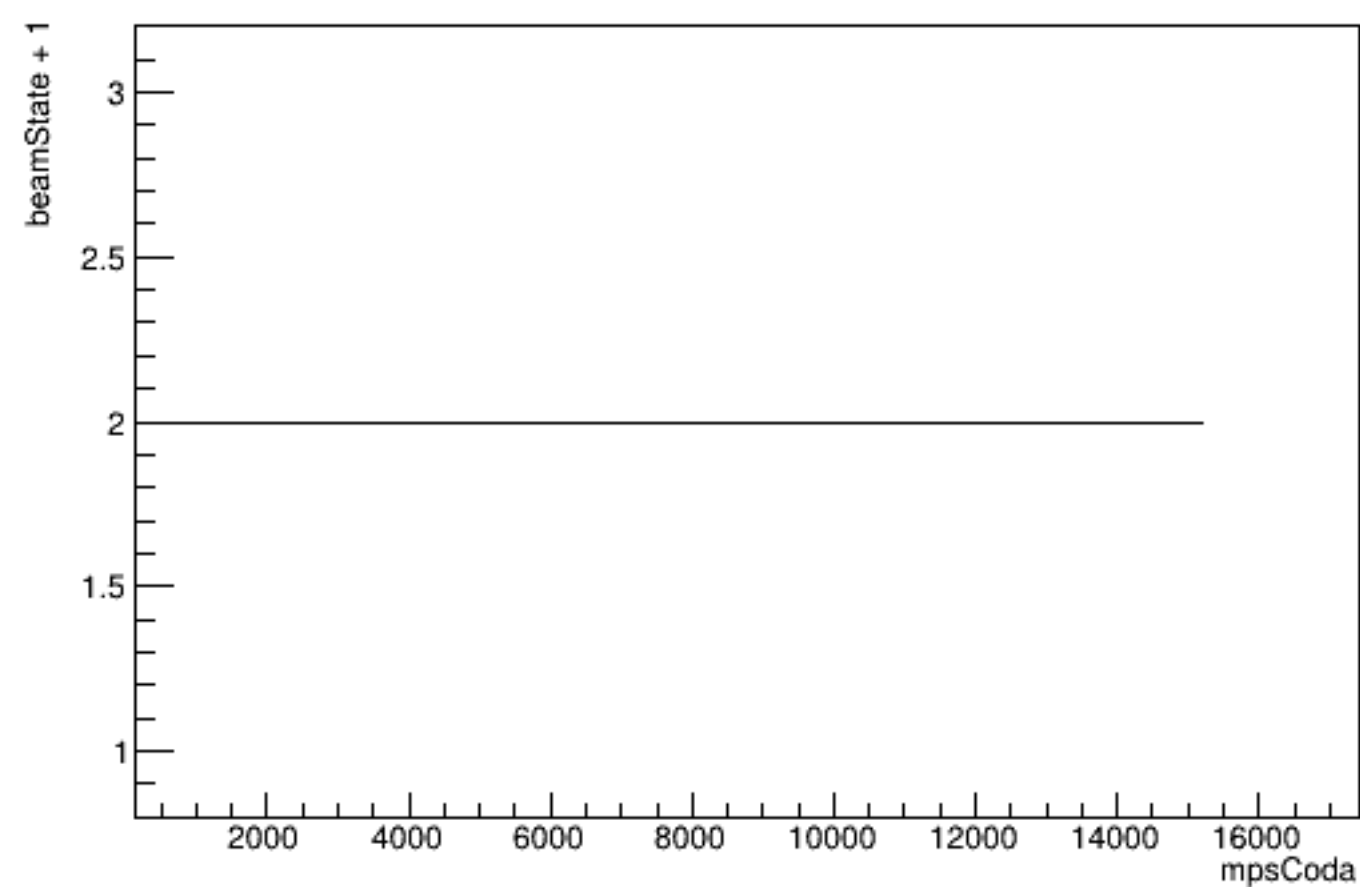
Acc0/NAcc0:mpsCoda {mpsCoda>=133 && mpsCoda<=15188 && beamState==1}



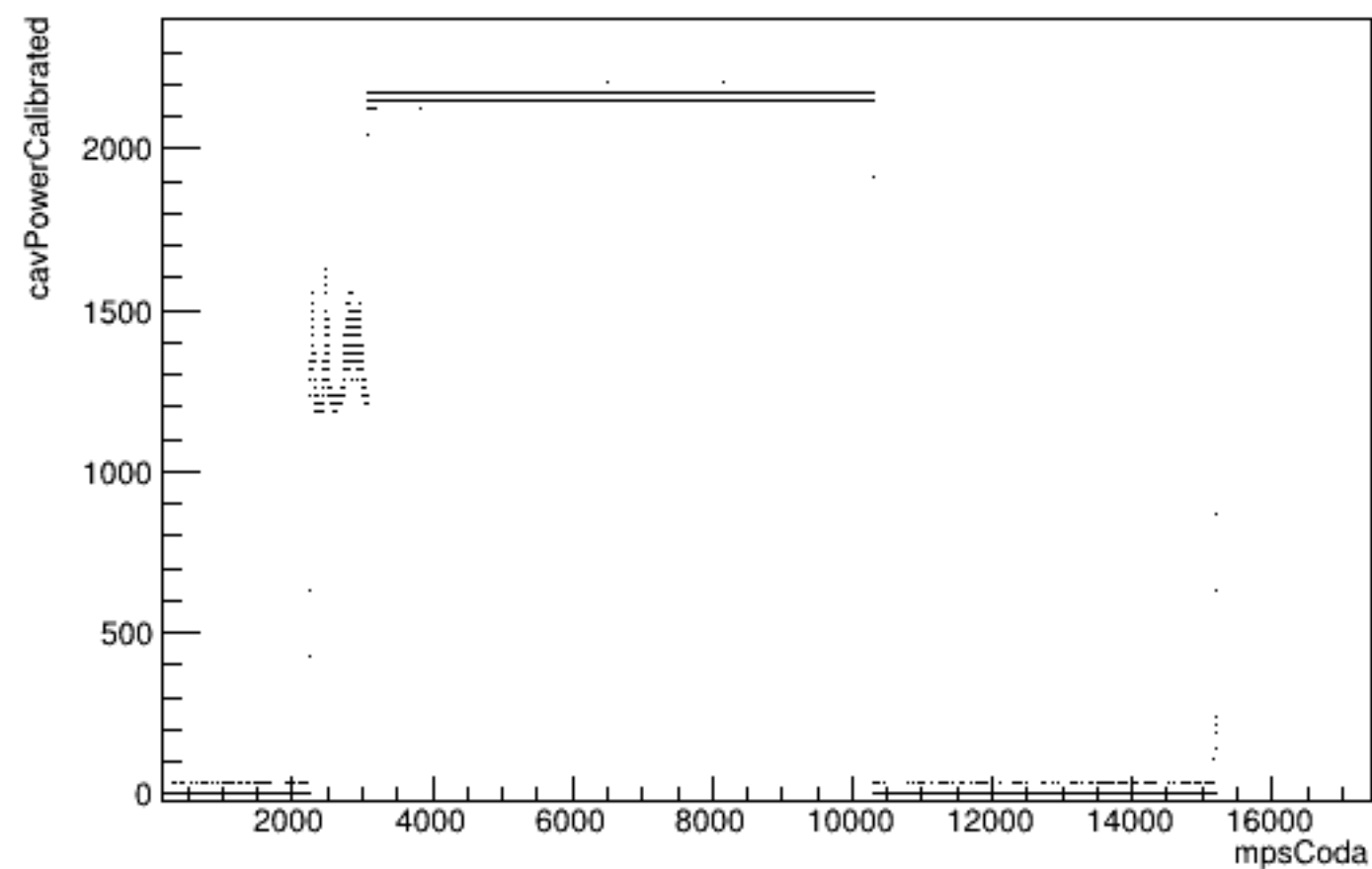
laserState:mpsCoda {mpsCoda>=133 && mpsCoda<=15188}



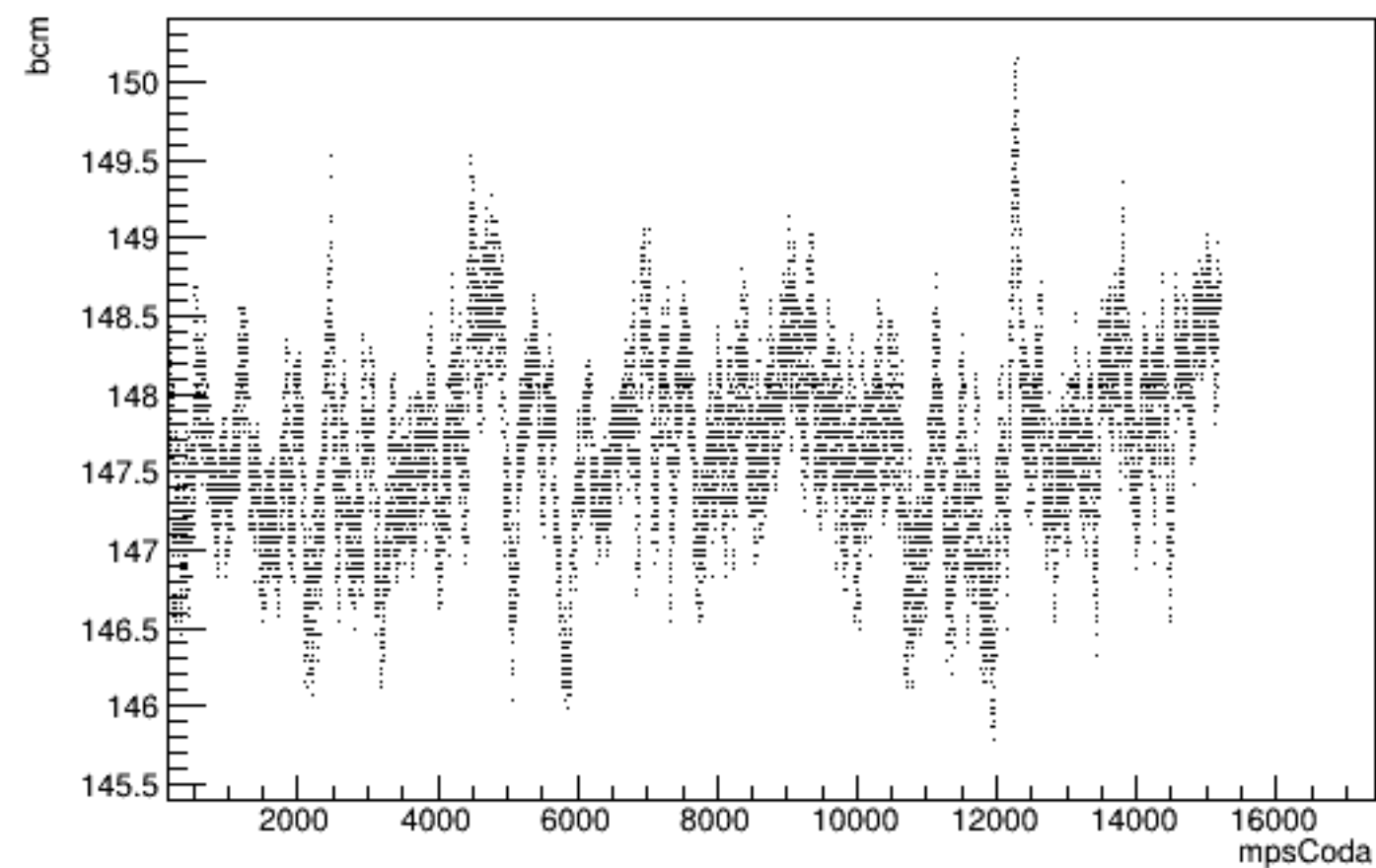
beamState + 1:mpsCoda {mpsCoda>=133 && mpsCoda<=15188}



cavPowerCalibrated:mpsCoda {mpsCoda>=133 && mpsCoda<=15188}



bcm:mpsCoda {mpsCoda>=133 && mpsCoda<=15188}



Cycle 2, Diffs

Entries: 1219

Mean: -0.0408 +/- 0.0100

Std Dev: 0.3477 +/- 0.0070

Entries: 867

Mean: -0.5868 +/- 0.0155

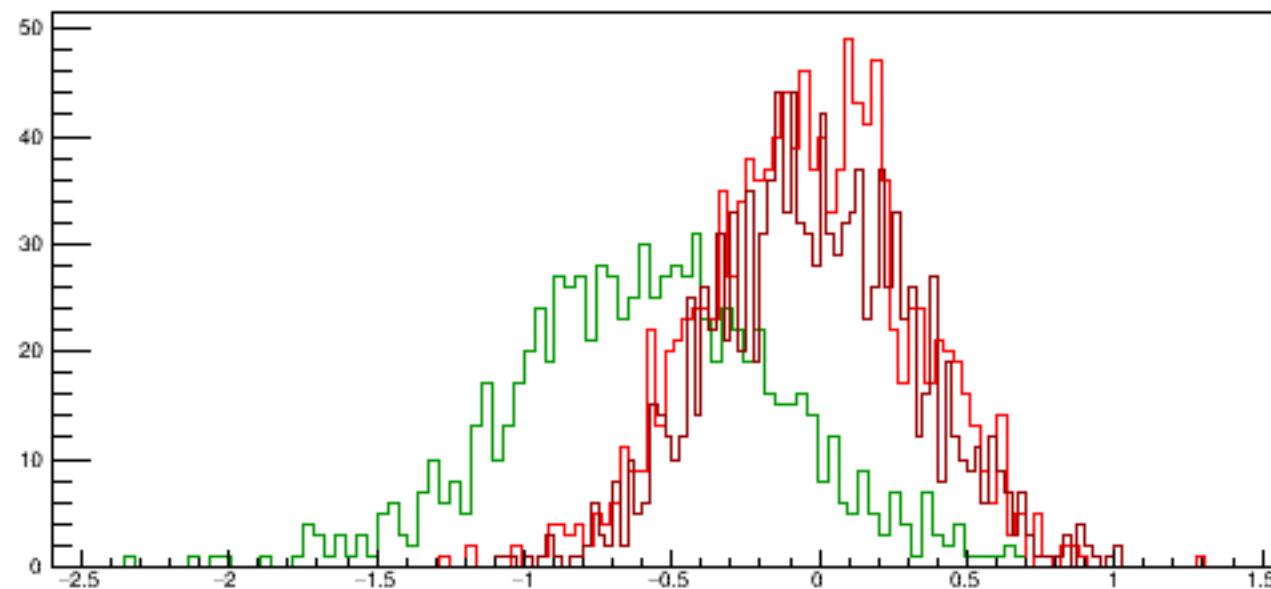
Std Dev: 0.4578 +/- 0.0110

Entries: 1229

Mean: -0.0181 +/- 0.0098

Std Dev: 0.3425 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 2, Sums

Entries: 1219

Mean: 6.0511 +/- 0.0112

Std Dev: 0.3910 +/- 0.0079

Entries: 867

Mean: 23.4455 +/- 0.0316

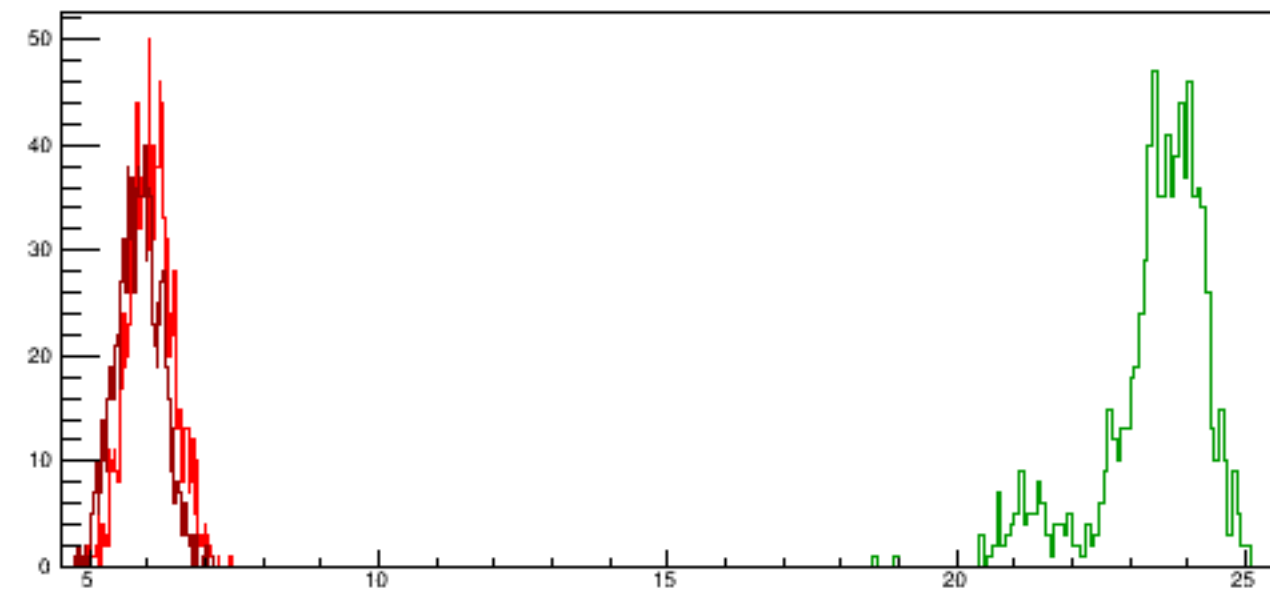
Std Dev: 0.9315 +/- 0.0224

Entries: 1229

Mean: 5.8519 +/- 0.0108

Std Dev: 0.3797 +/- 0.0077

Run 6173 quartetwise, Sums



Cycle 2, Asyms

Entries: 1219

Mean: -0.0023 +/- 0.0006

Std Dev: 0.0199 +/- 0.0004

Entries: 867

Mean: -0.0336 +/- 0.0009

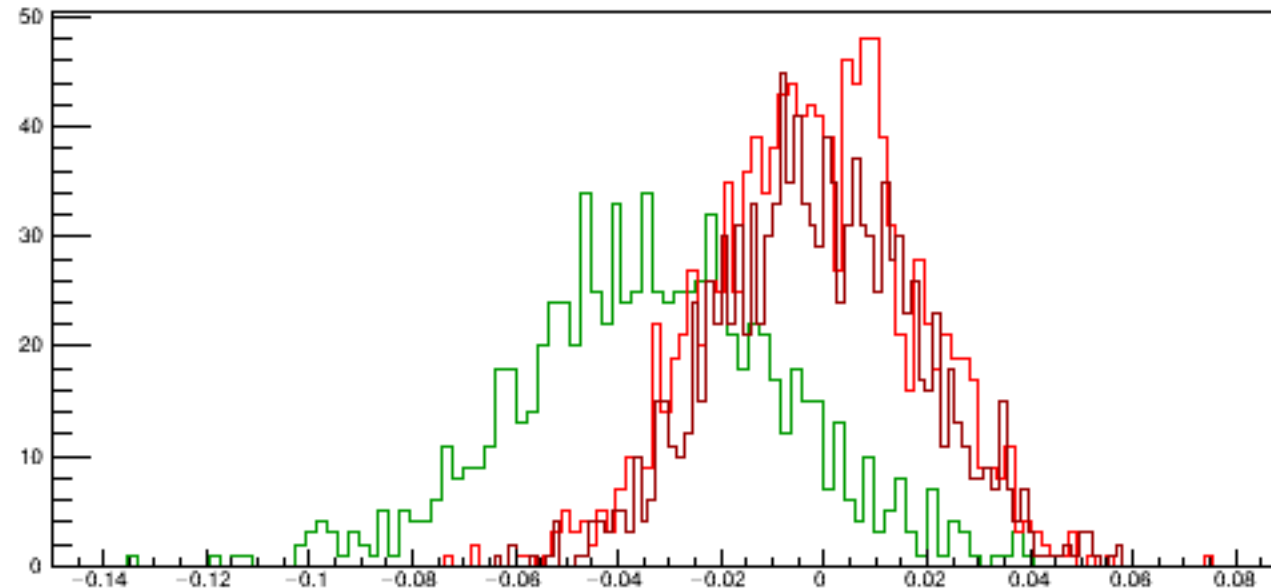
Std Dev: 0.0262 +/- 0.0006

Entries: 1229

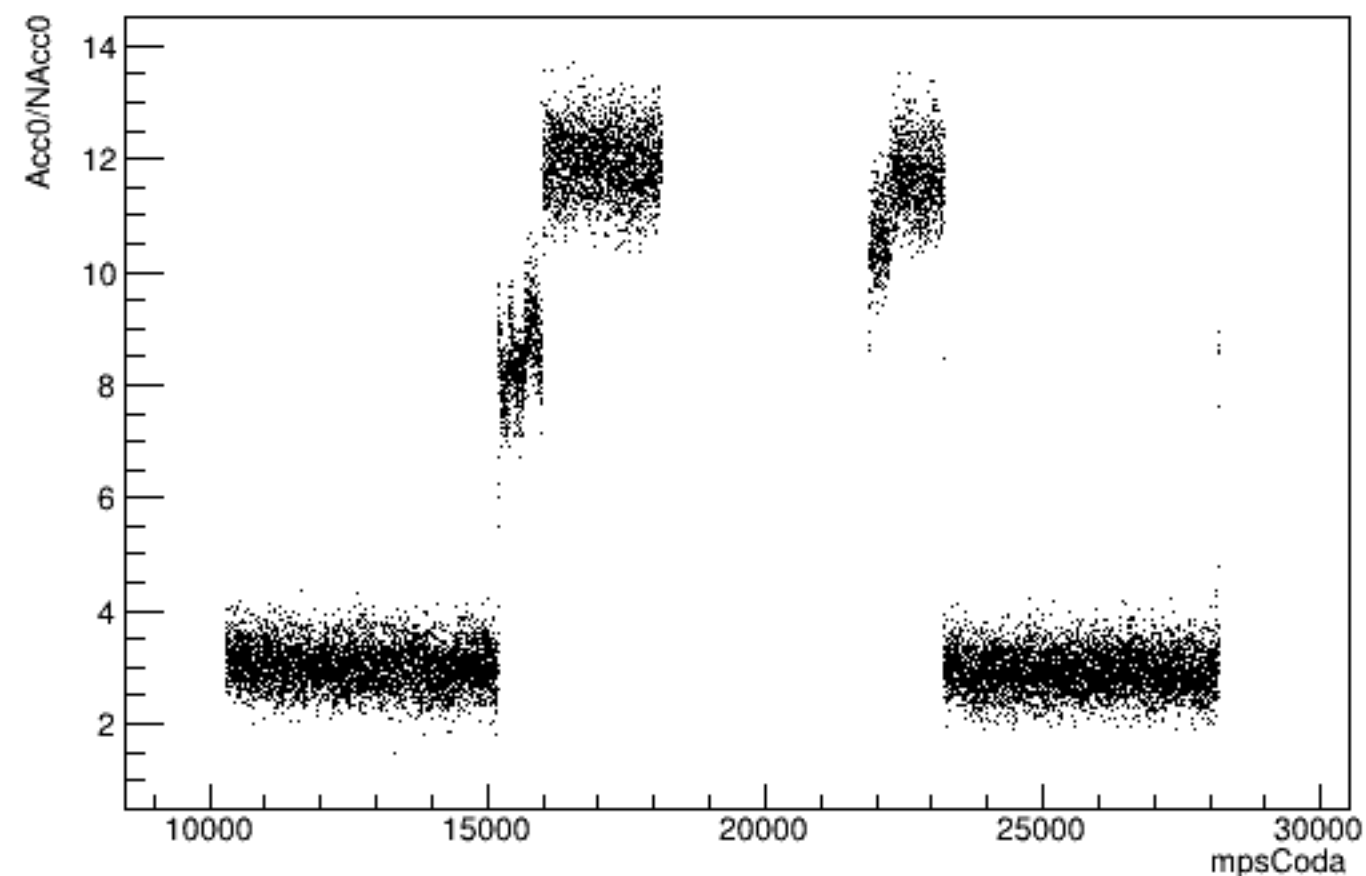
Mean: -0.0010 +/- 0.0006

Std Dev: 0.0196 +/- 0.0004

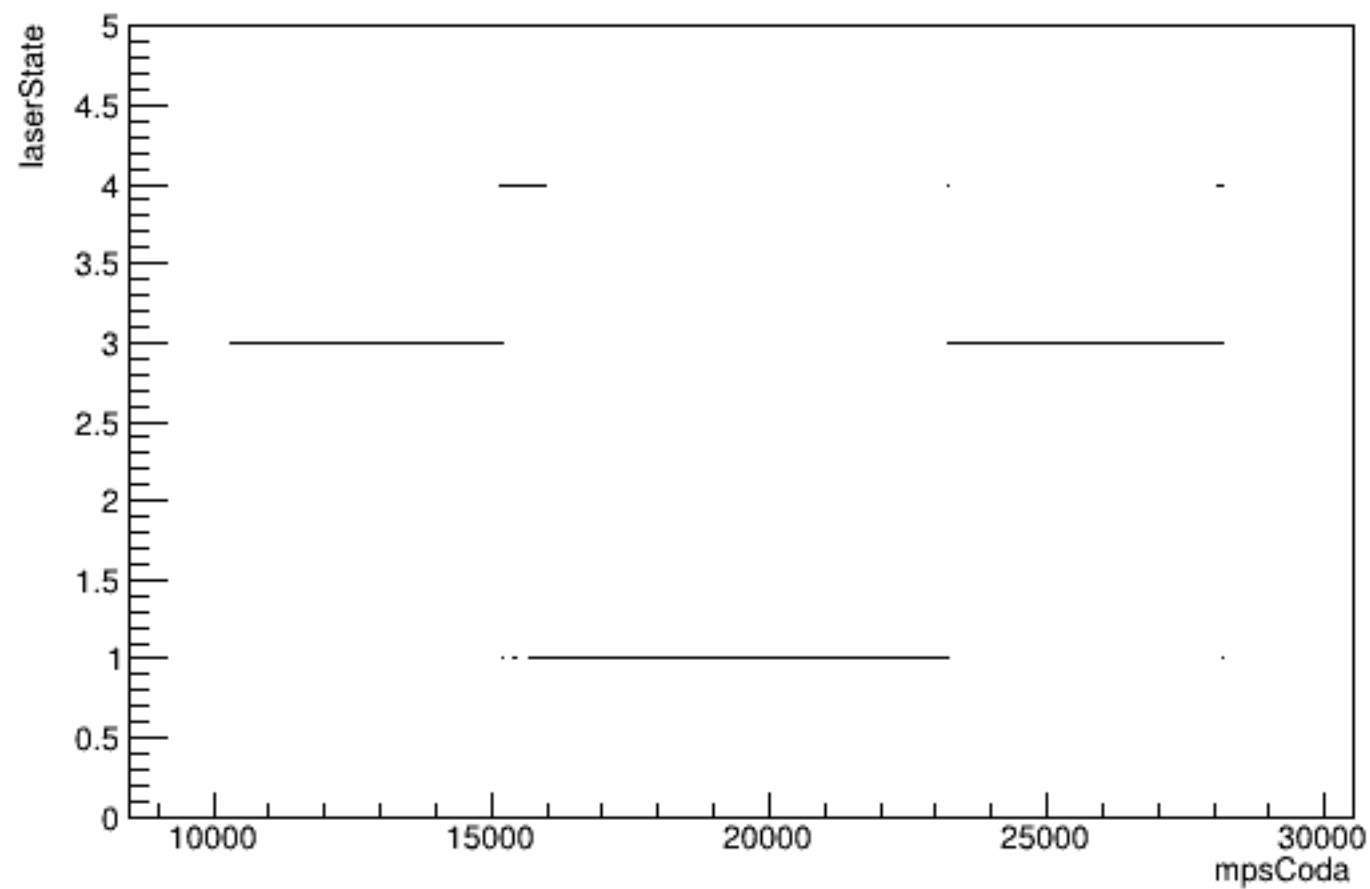
Run 6173 quartetwise, Asyms



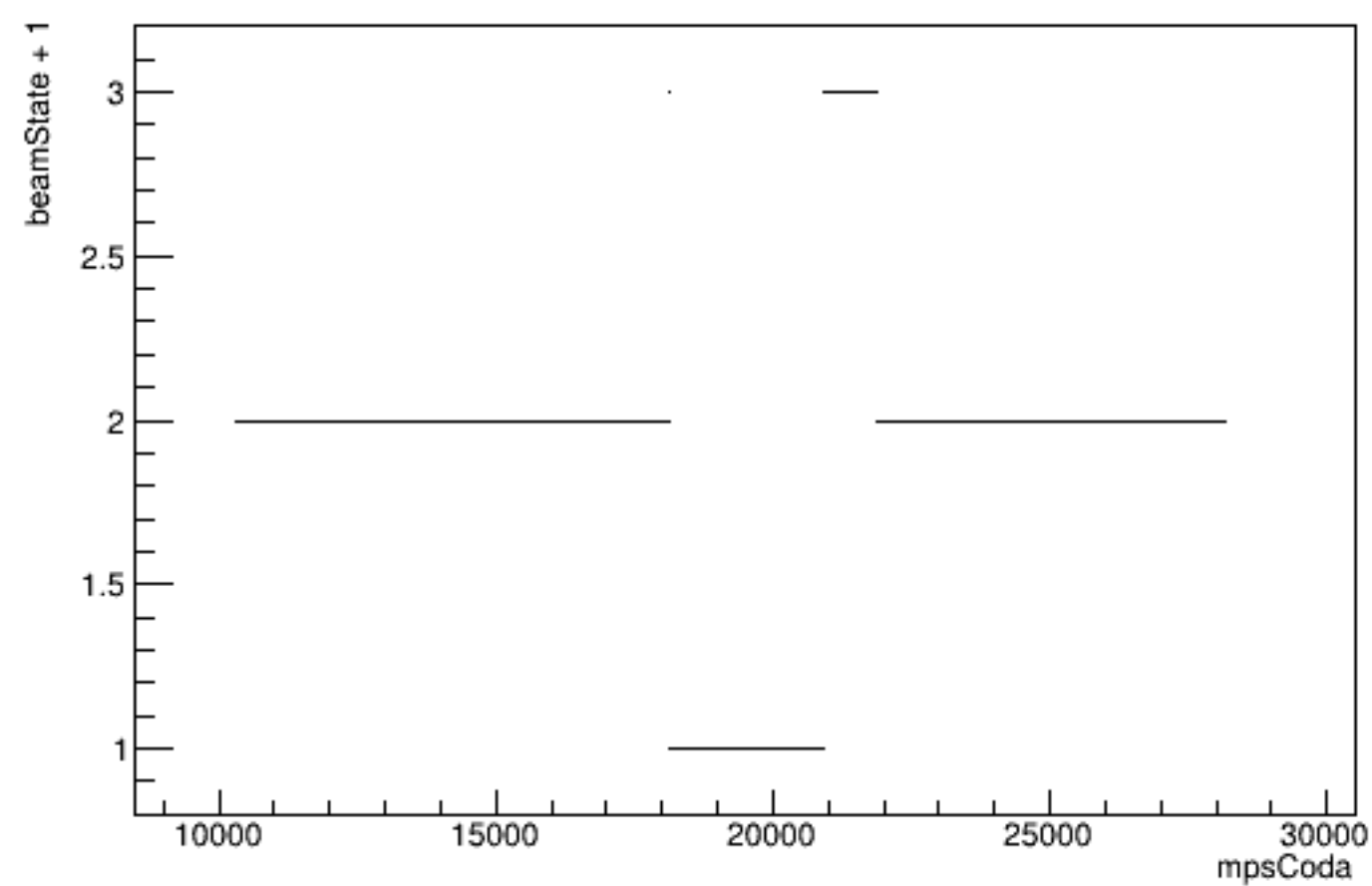
Acc0/NAcc0:mpsCoda {mpsCoda>=10301 && mpsCoda<=28168 && beamState==1}



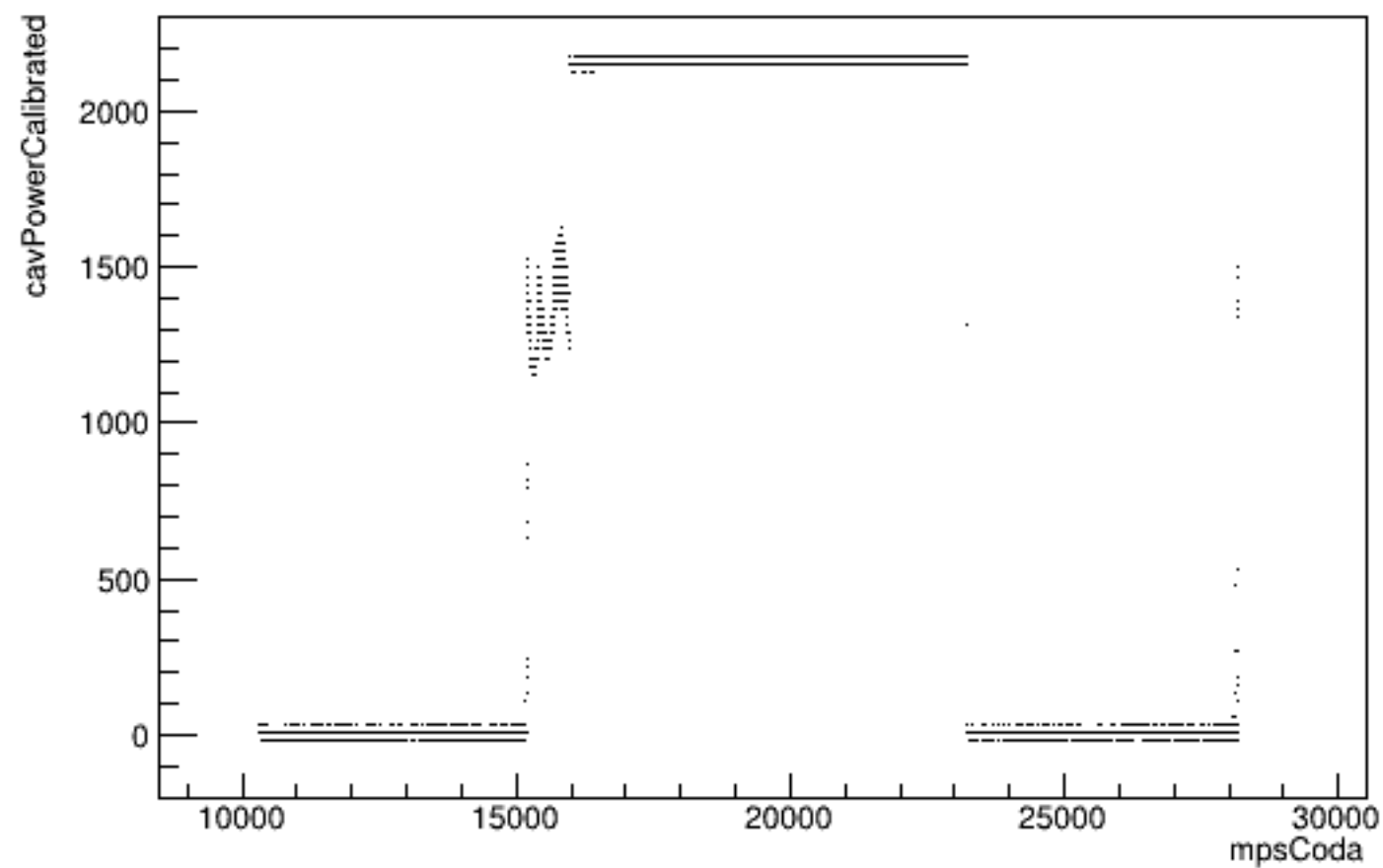
laserState:mpsCoda {mpsCoda>=10301 && mpsCoda<=28168}



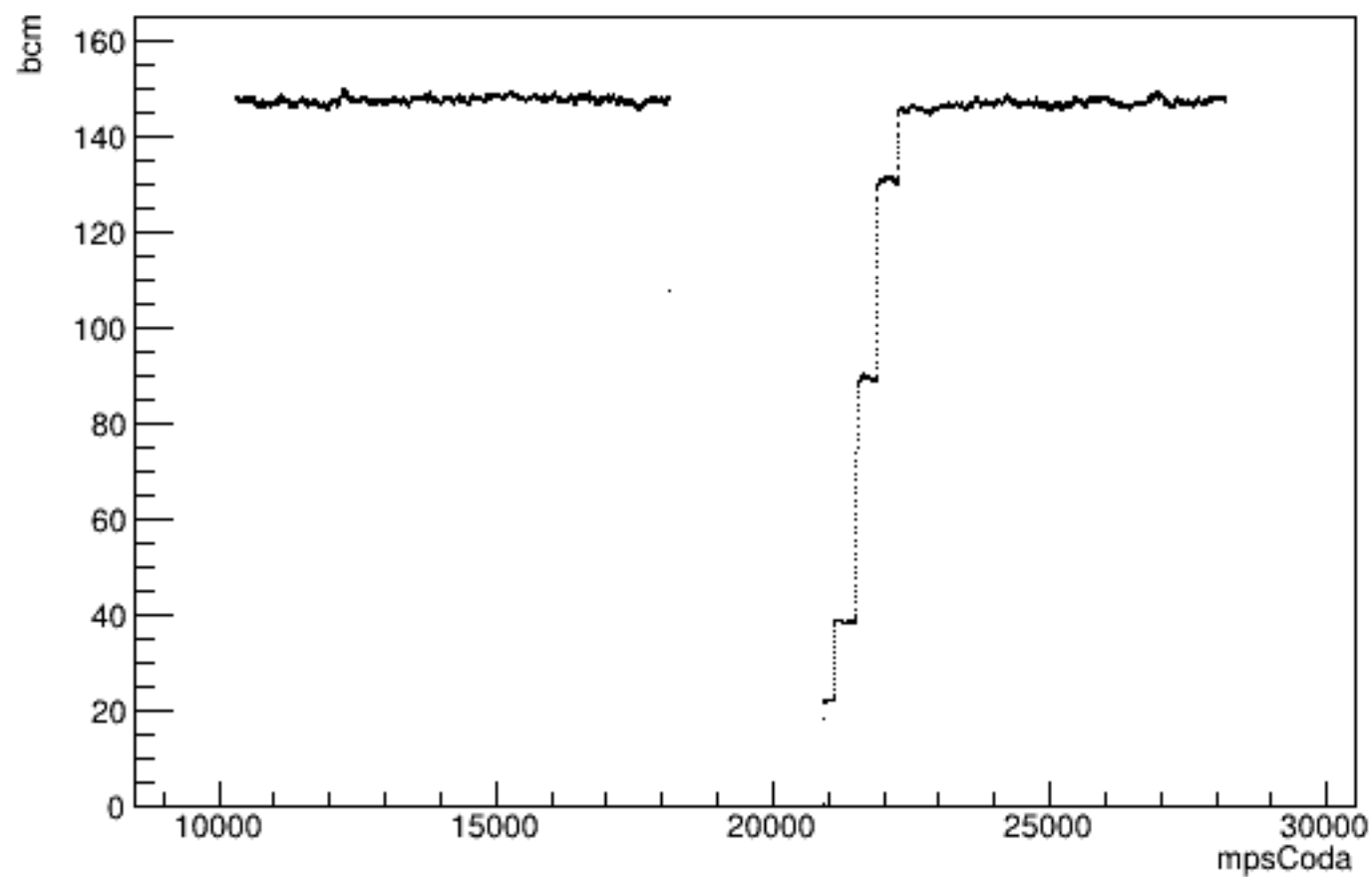
beamState + 1:mpsCoda {mpsCoda>=10301 && mpsCoda<=28168}



cavPowerCalibrated:mpsCoda {mpsCoda>=10301 && mpsCoda<=28168}



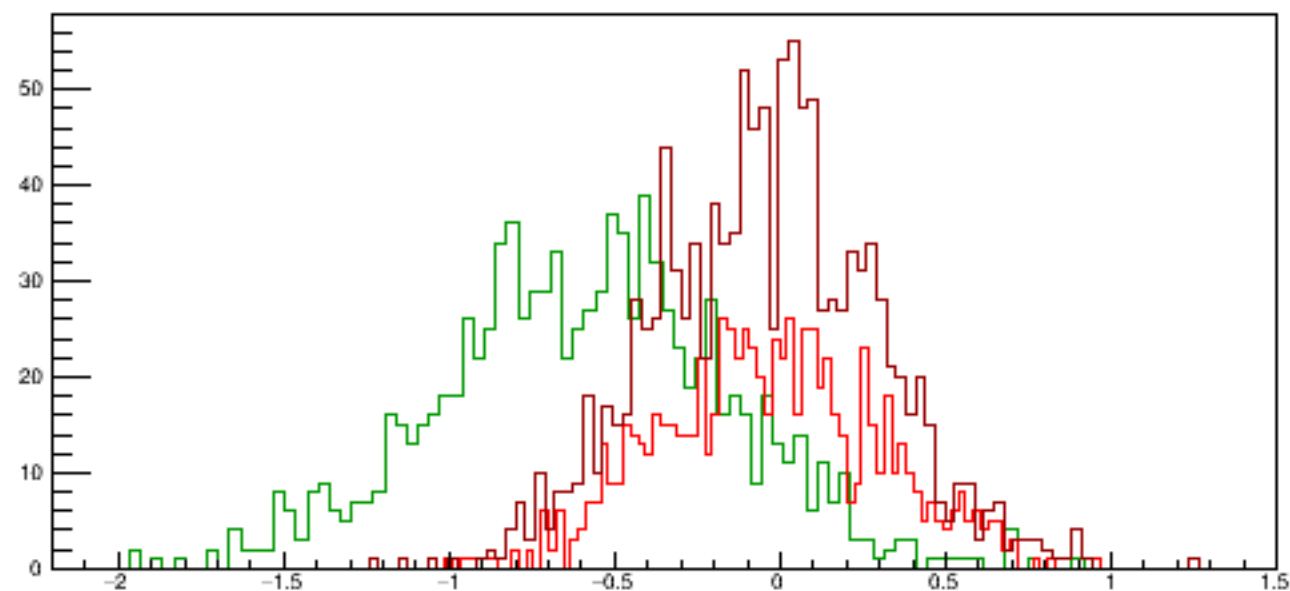
bcm:mpsCoda {mpsCoda>=10301 && mpsCoda<=28168}



Cycle 3, Diffs

Entries: 825	Entries: 1020	Entries: 1223
Mean: -0.0392 +/- 0.0114	Mean: -0.5925 +/- 0.0138	Mean: -0.0465 +/- 0.0096
Std Dev: 0.3282 +/- 0.0081	Std Dev: 0.4396 +/- 0.0097	Std Dev: 0.3354 +/- 0.0068

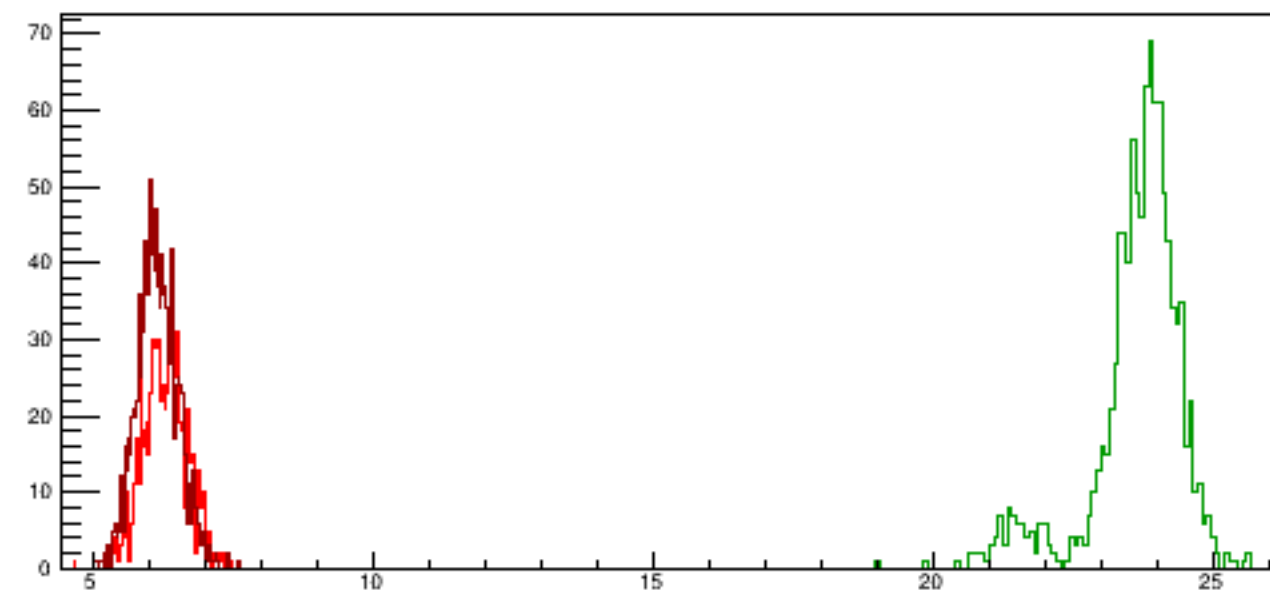
Run 6173 quartetwise, Diffs



Cycle 3, Sums

Entries: 825	Entries: 1020	Entries: 1223
Mean: 6.2567 +/- 0.0135	Mean: 23.6379 +/- 0.0261	Mean: 6.1250 +/- 0.0104
Std Dev: 0.3889 +/- 0.0096	Std Dev: 0.8351 +/- 0.0185	Std Dev: 0.3638 +/- 0.0074

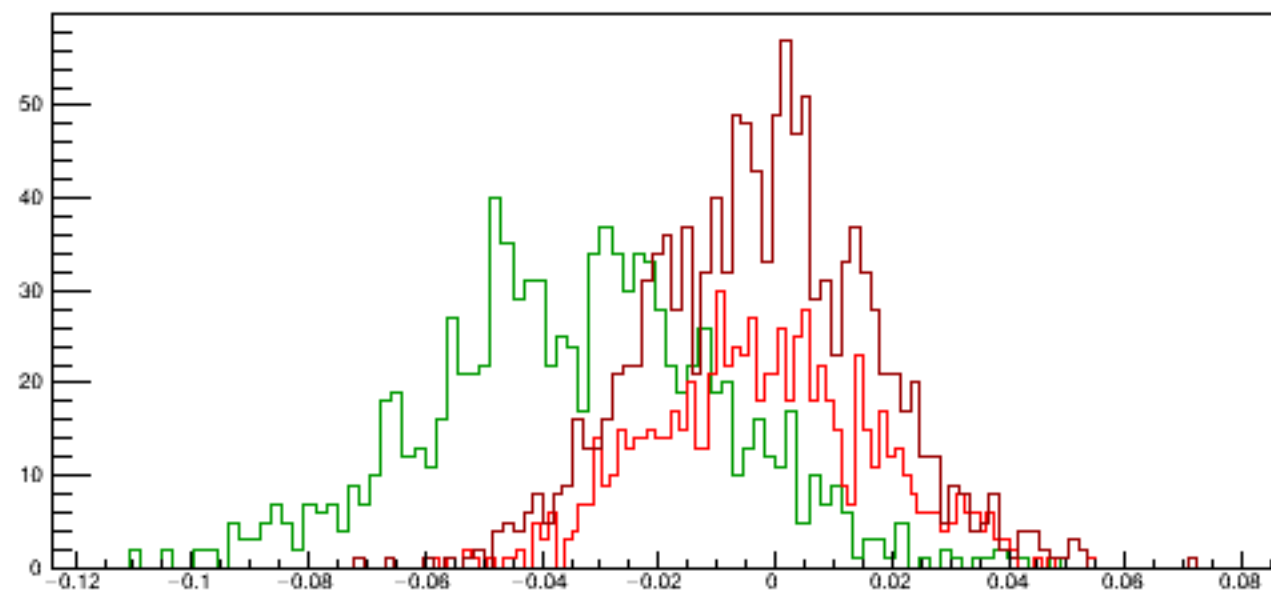
Run 6173 quartetwise, Sums



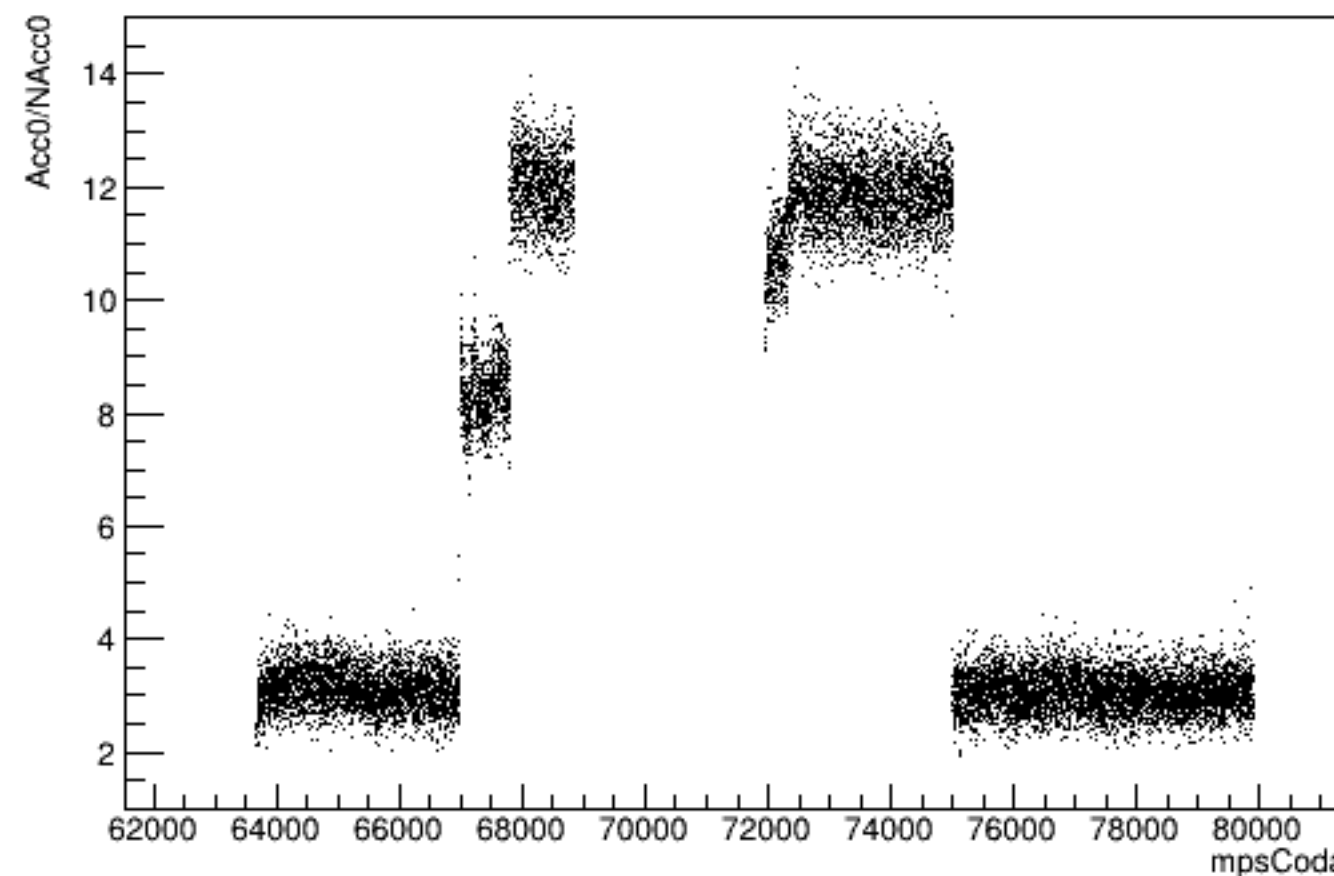
Cycle 3, Asyms

Entries: 825	Entries: 1020	Entries: 1223
Mean: -0.0022 +/- 0.0007	Mean: -0.0340 +/- 0.0008	Mean: -0.0027 +/- 0.0005
Std Dev: 0.0188 +/- 0.0005	Std Dev: 0.0252 +/- 0.0006	Std Dev: 0.0192 +/- 0.0004

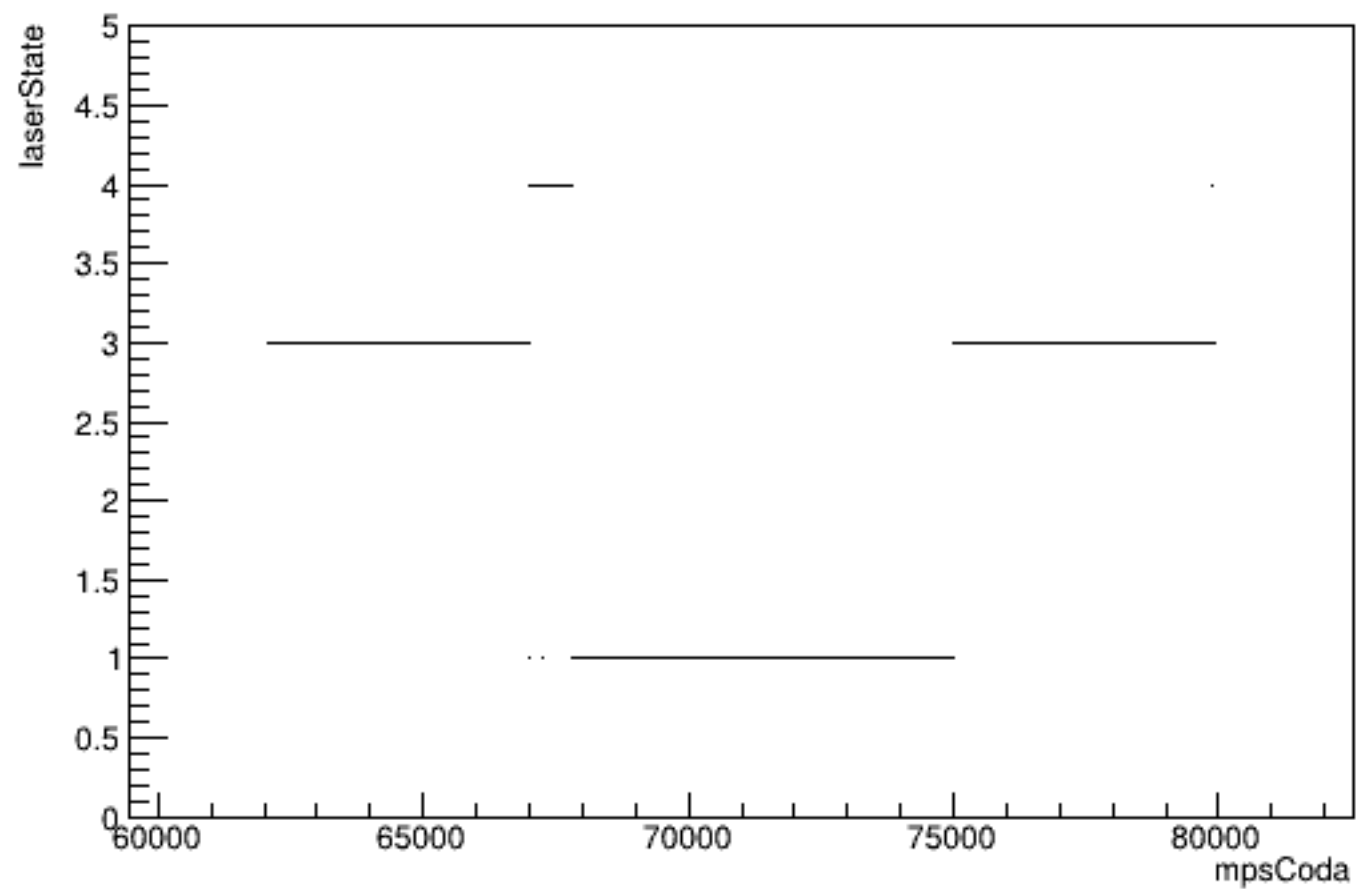
Run 6173 quartetwise, Asyms



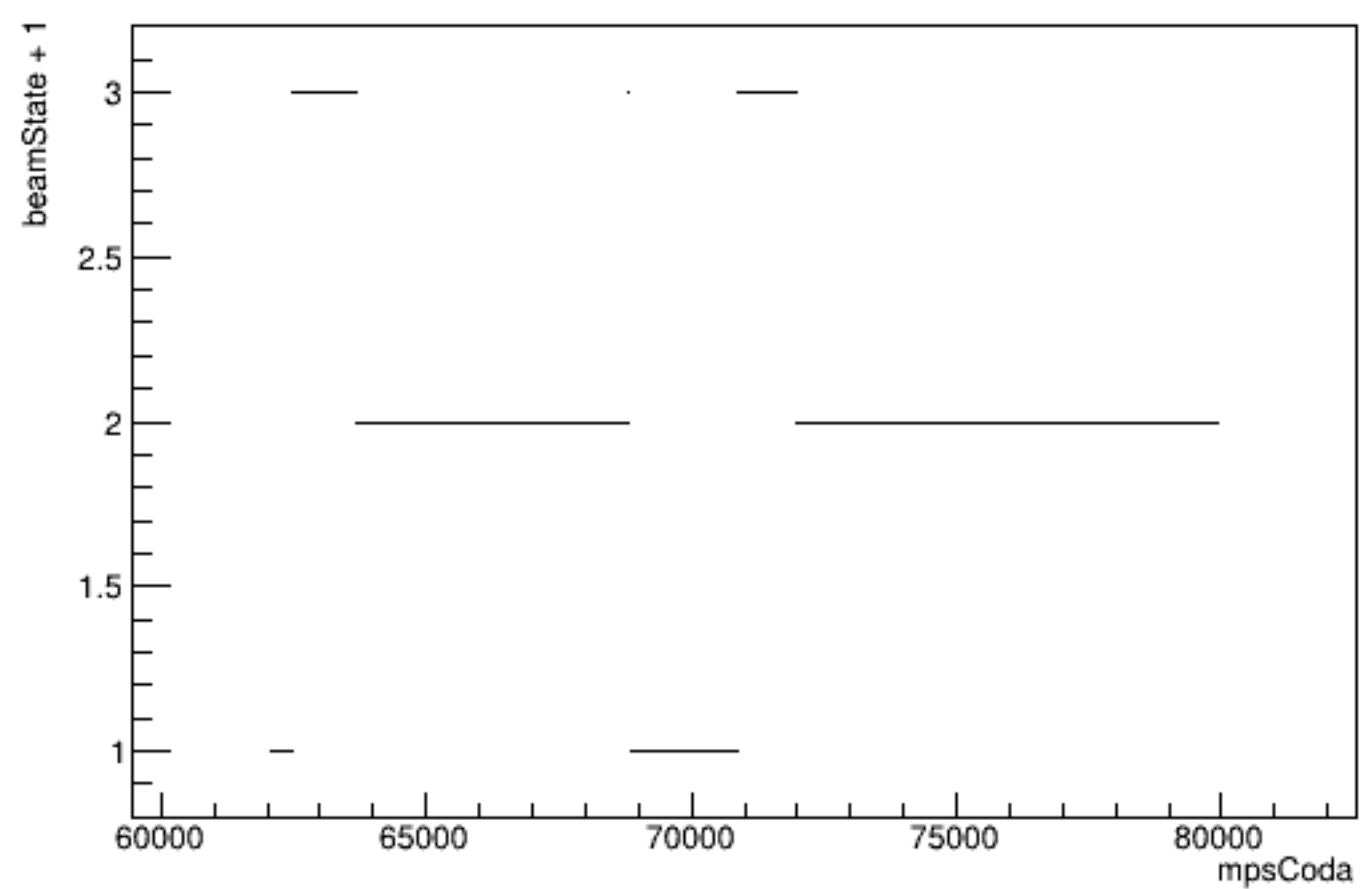
Acc0/NAcc0:mpsCoda {mpsCoda>=62073 && mpsCoda<=79904 && beamState==1}



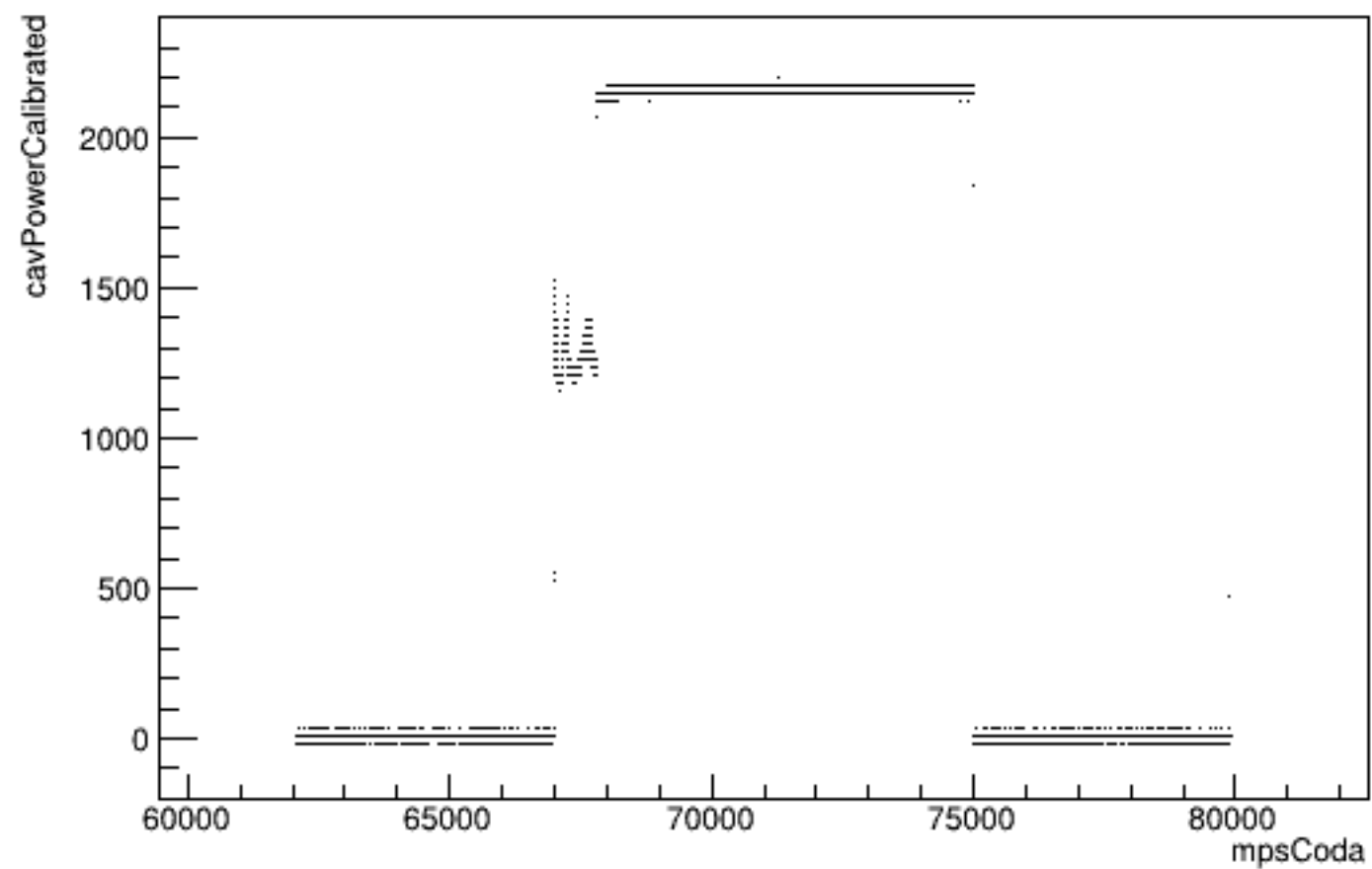
laserState:mpsCoda {mpsCoda>=62073 && mpsCoda<=79904}



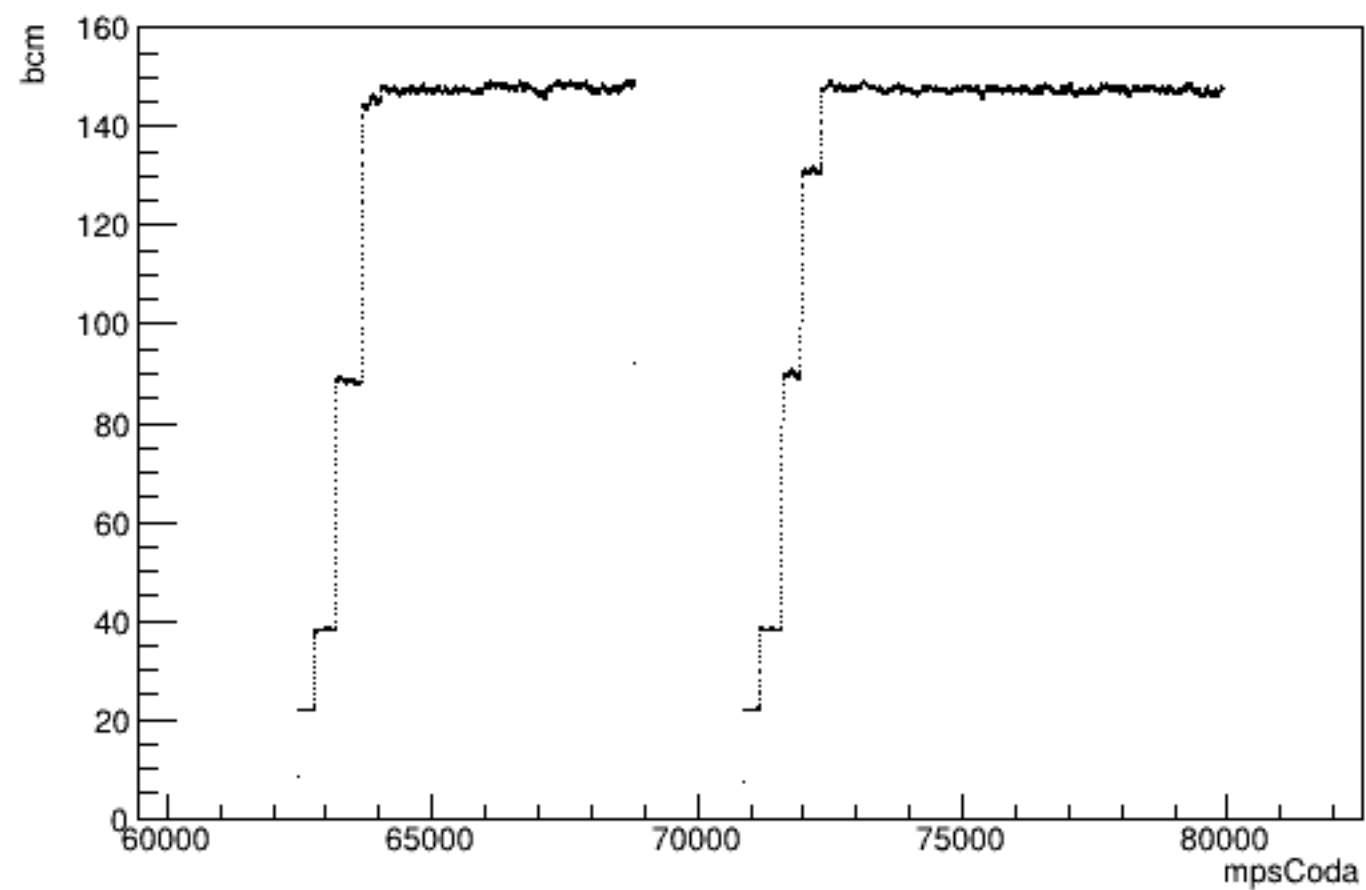
beamState + 1:mpsCoda {mpsCoda>=62073 && mpsCoda<=79904}



cavPowerCalibrated:mpsCoda {mpsCoda>=62073 && mpsCoda<=79904}



bcm:mpsCoda {mpsCoda>=62073 && mpsCoda<=79904}



Cycle 4, Diffs

Entries: 1223

Mean: -0.0465 +/- 0.0096

Std Dev: 0.3354 +/- 0.0068

Entries: 1814

Mean: -0.5856 +/- 0.0105

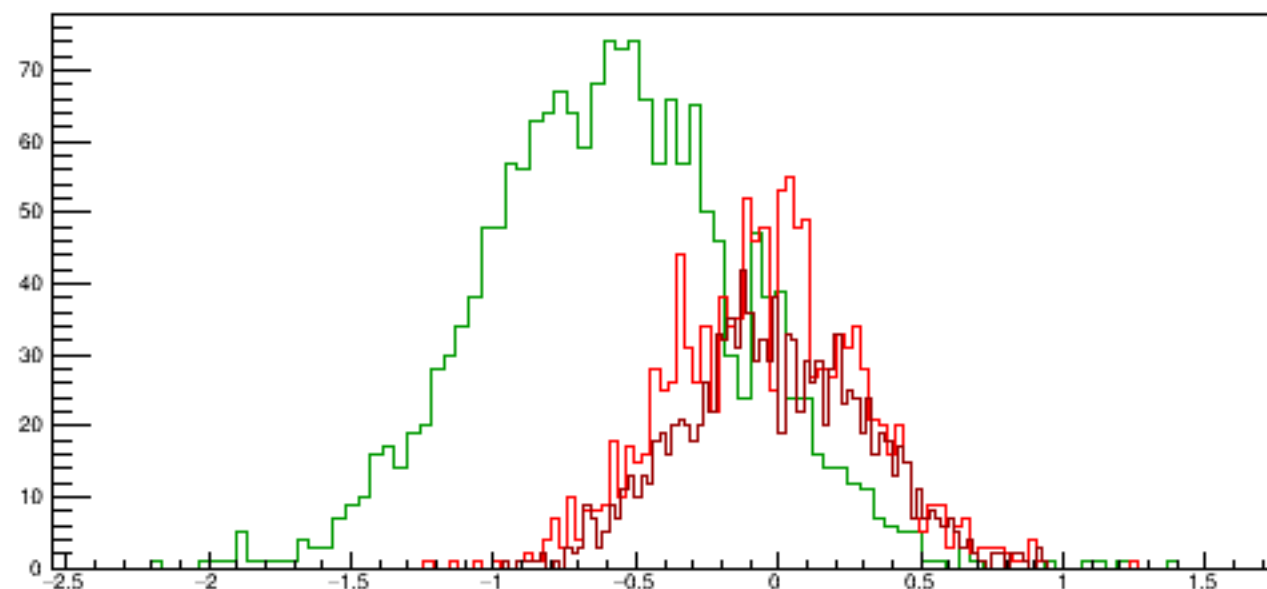
Std Dev: 0.4493 +/- 0.0075

Entries: 1217

Mean: -0.0154 +/- 0.0092

Std Dev: 0.3220 +/- 0.0065

Run 6173 quartetwise, Diffs



Cycle 4, Sums

Entries: 1223

Mean: 6.1250 +/- 0.0104

Std Dev: 0.3638 +/- 0.0074

Entries: 1814

Mean: 23.7375 +/- 0.0140

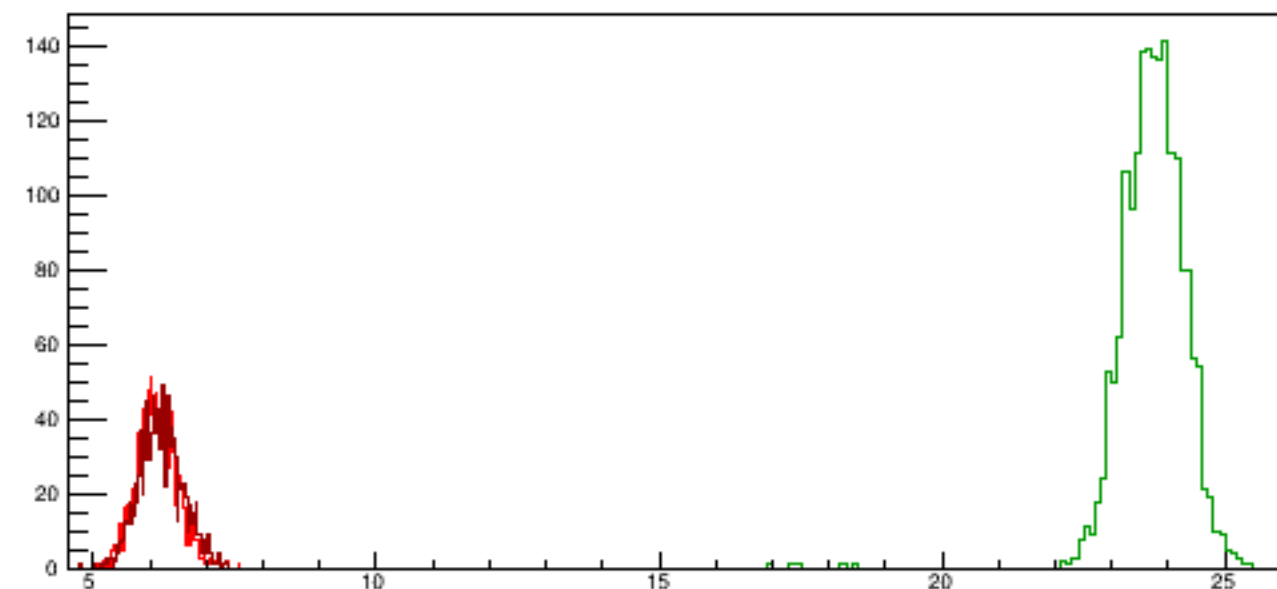
Std Dev: 0.5976 +/- 0.0099

Entries: 1217

Mean: 6.1984 +/- 0.0112

Std Dev: 0.3912 +/- 0.0079

Run 6173 quartetwise, Sums



Cycle 4, Asyms

Entries: 1223

Mean: -0.0026 +/- 0.0005

Std Dev: 0.0191 +/- 0.0004

Entries: 1814

Mean: -0.0333 +/- 0.0006

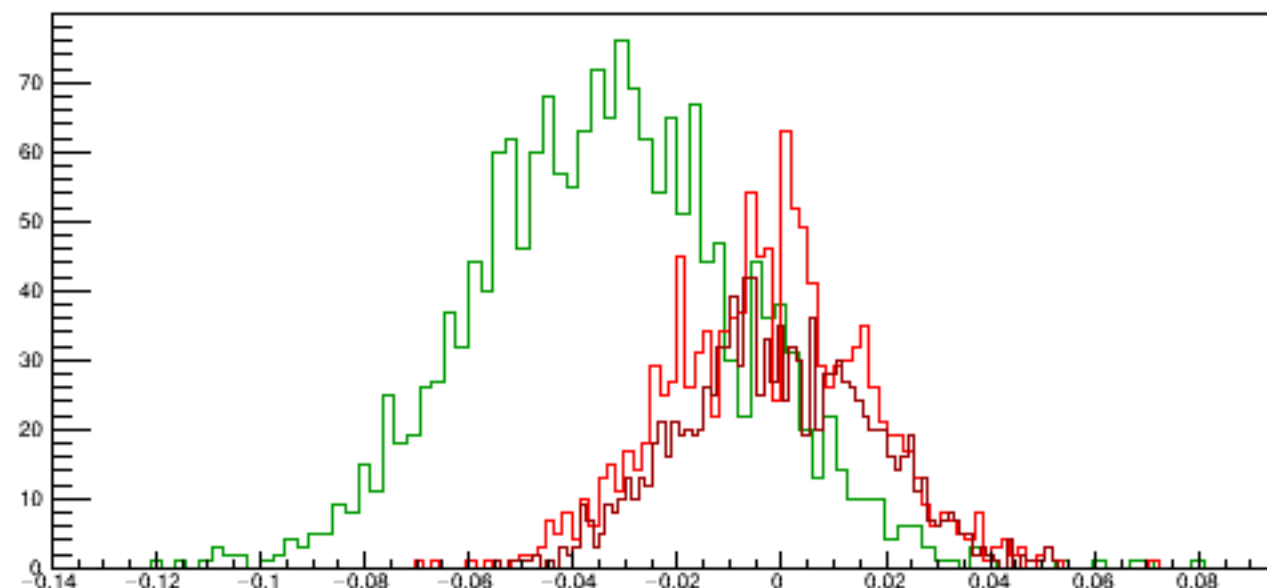
Std Dev: 0.0256 +/- 0.0004

Entries: 1217

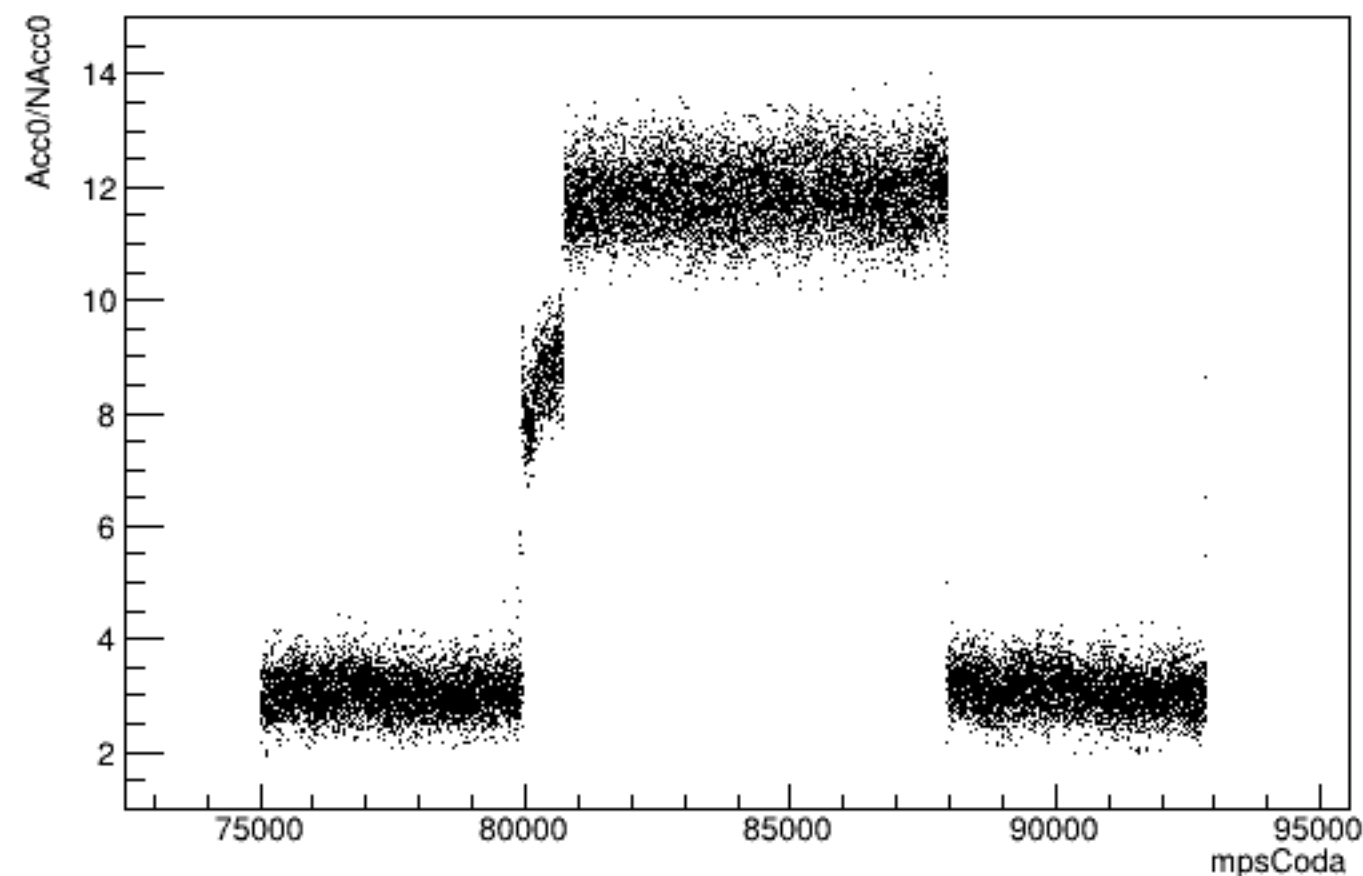
Mean: -0.0009 +/- 0.0005

Std Dev: 0.0183 +/- 0.0004

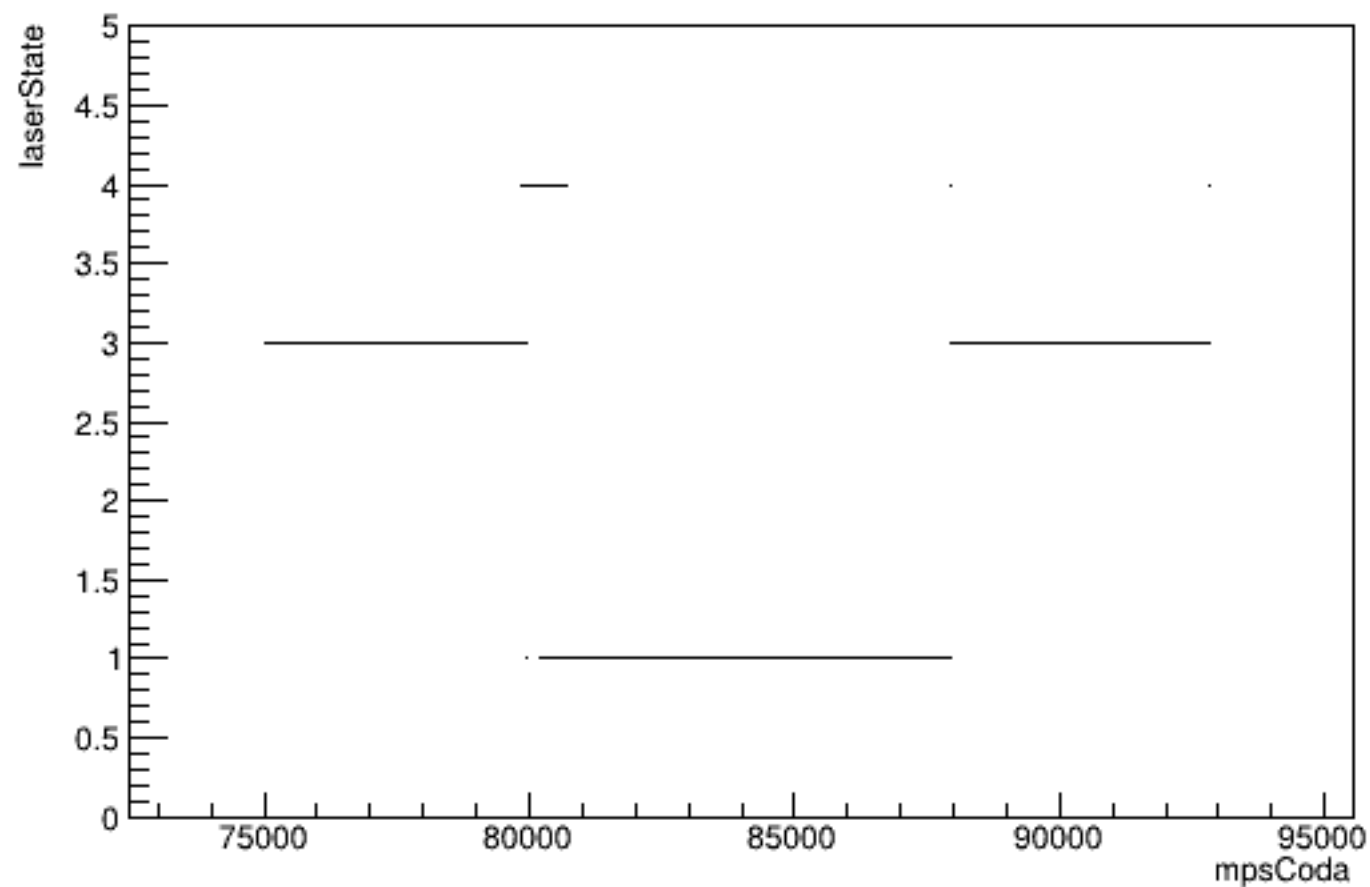
Run 6173 quartetwise, Asyms



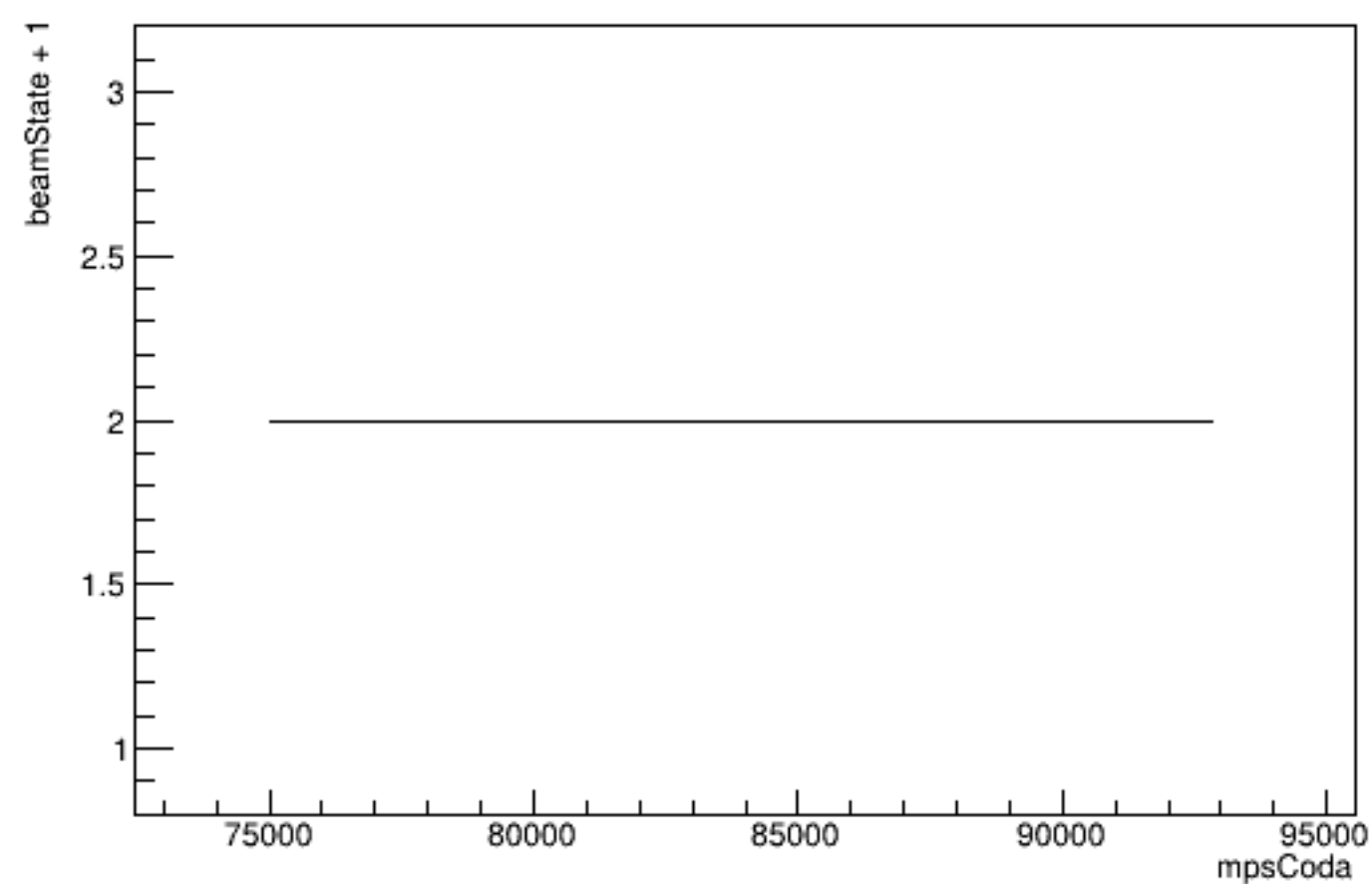
Acc0/NAcc0:mpsCoda {mpsCoda>=75009 && mpsCoda<=92840 && beamState==1}



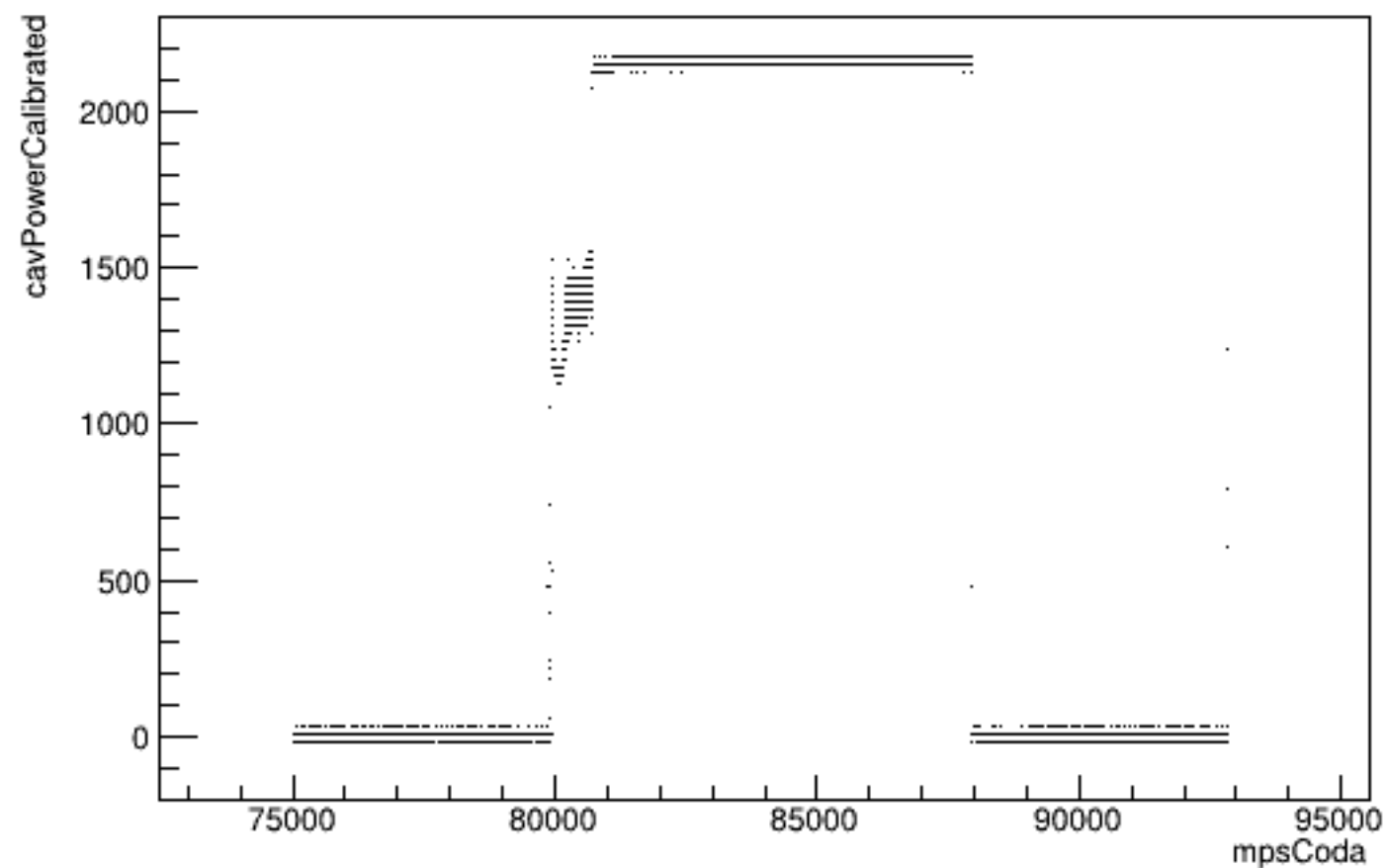
laserState:mpsCoda {mpsCoda>=75009 && mpsCoda<=92840}



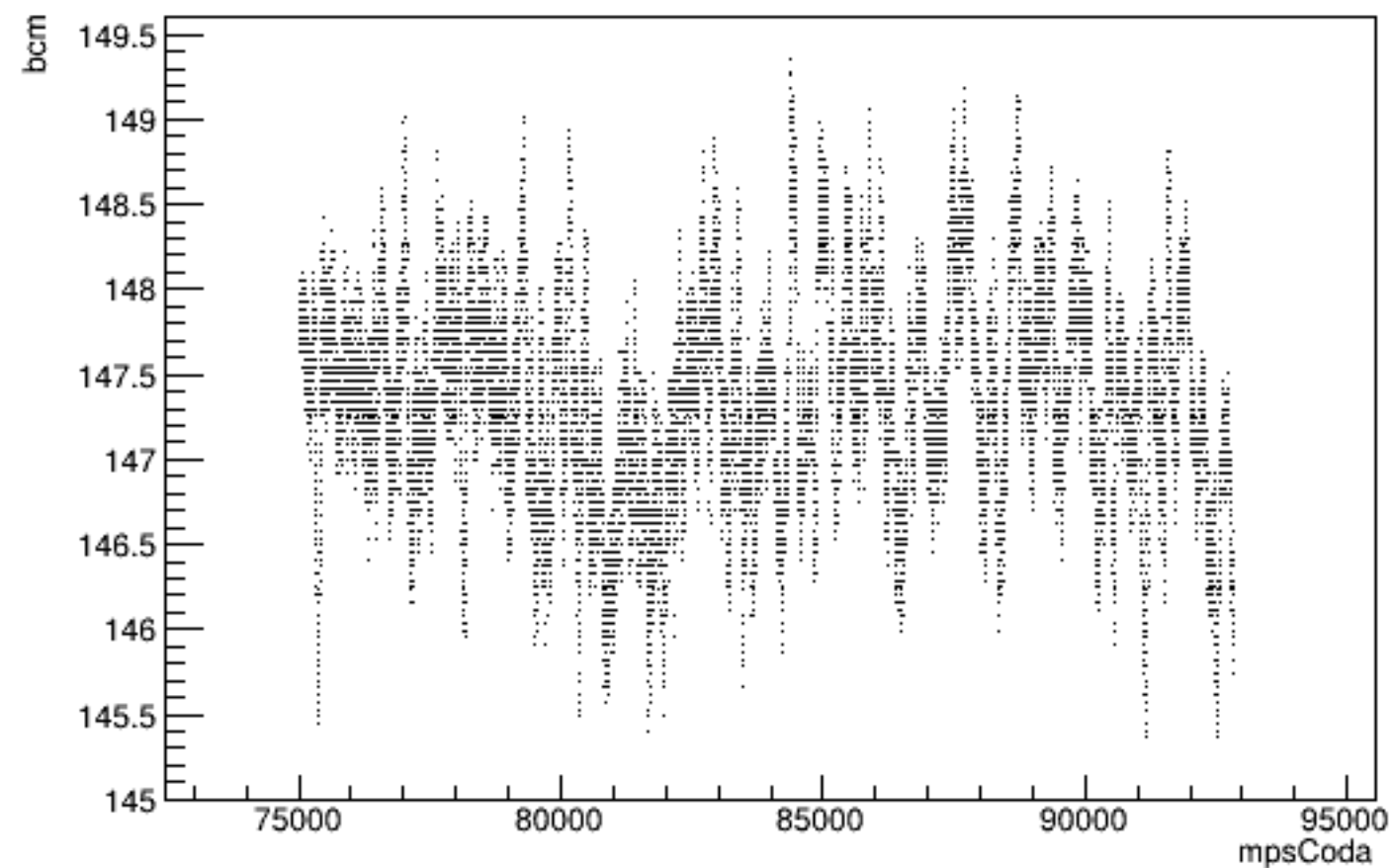
beamState + 1:mpsCoda {mpsCoda>=75009 && mpsCoda<=92840}



cavPowerCalibrated:mpsCoda {mpsCoda>=75009 && mpsCoda<=92840}



bcm:mpsCoda {mpsCoda>=75009 && mpsCoda<=92840}



Cycle 5, Diffs

Entries: 1217

Mean: -0.0154 +/- 0.0092

Std Dev: 0.3220 +/- 0.0065

Entries: 895

Mean: -0.5808 +/- 0.0153

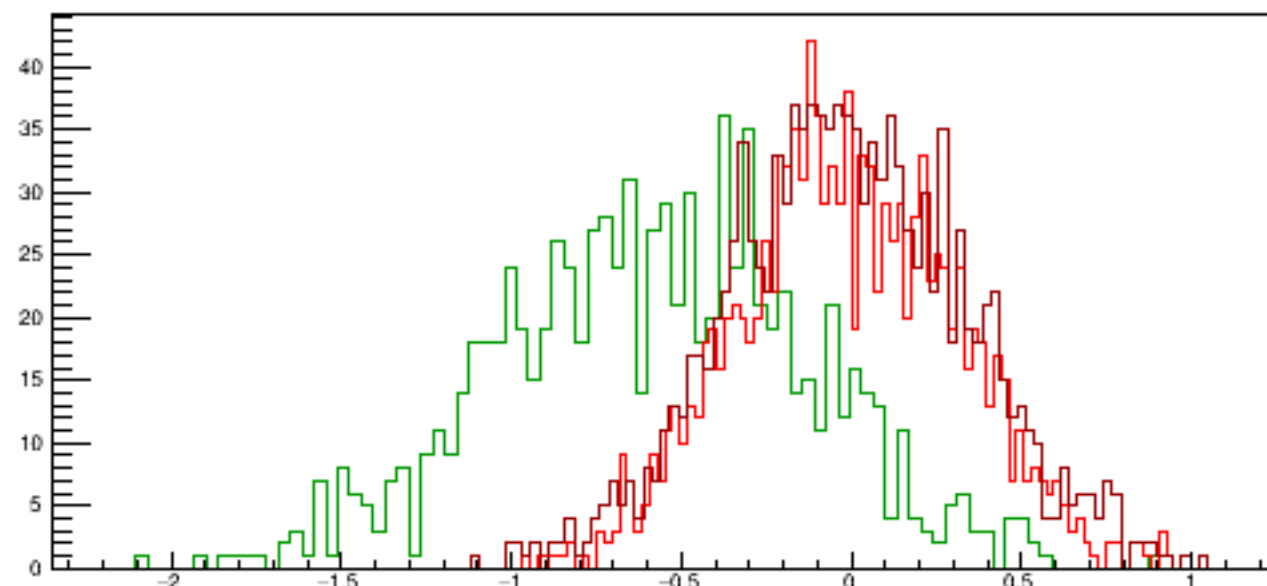
Std Dev: 0.4590 +/- 0.0108

Entries: 1222

Mean: -0.0131 +/- 0.0100

Std Dev: 0.3496 +/- 0.0071

Run 6173 quartetwise, Diffs



Cycle 5, Sums

Entries: 1217

Mean: 6.1984 +/- 0.0112

Std Dev: 0.3912 +/- 0.0079

Entries: 895

Mean: 23.8634 +/- 0.0301

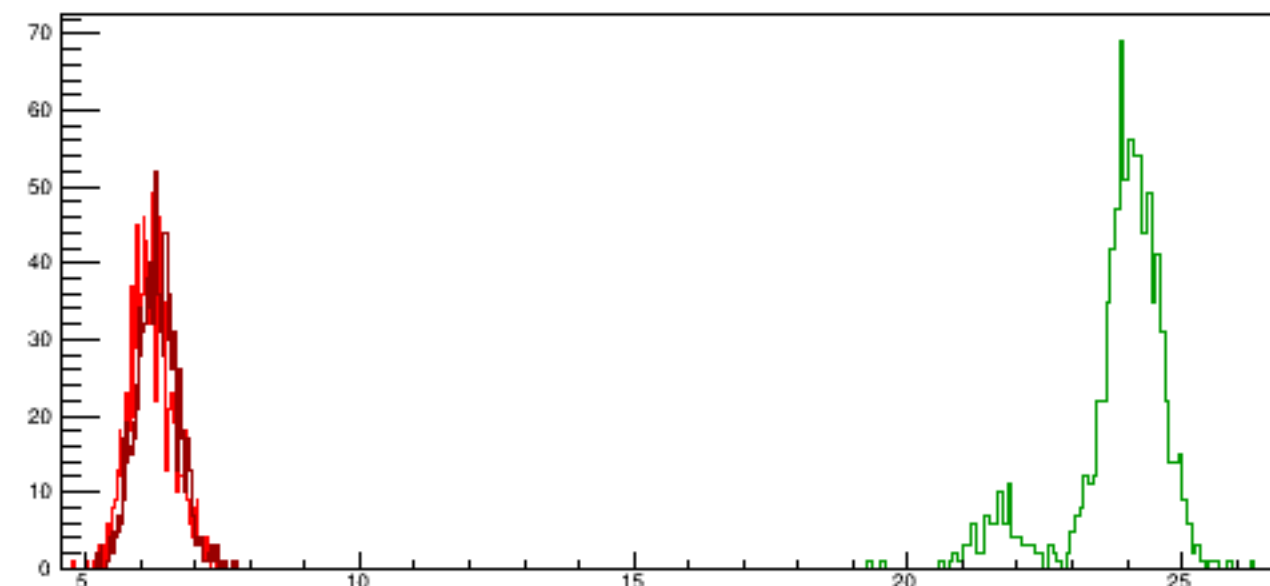
Std Dev: 0.9013 +/- 0.0213

Entries: 1222

Mean: 6.3089 +/- 0.0107

Std Dev: 0.3725 +/- 0.0075

Run 6173 quartetwise, Sums



Cycle 5, Asyms

Entries: 1217

Mean: -0.0009 +/- 0.0005

Std Dev: 0.0183 +/- 0.0004

Entries: 895

Mean: -0.0329 +/- 0.0009

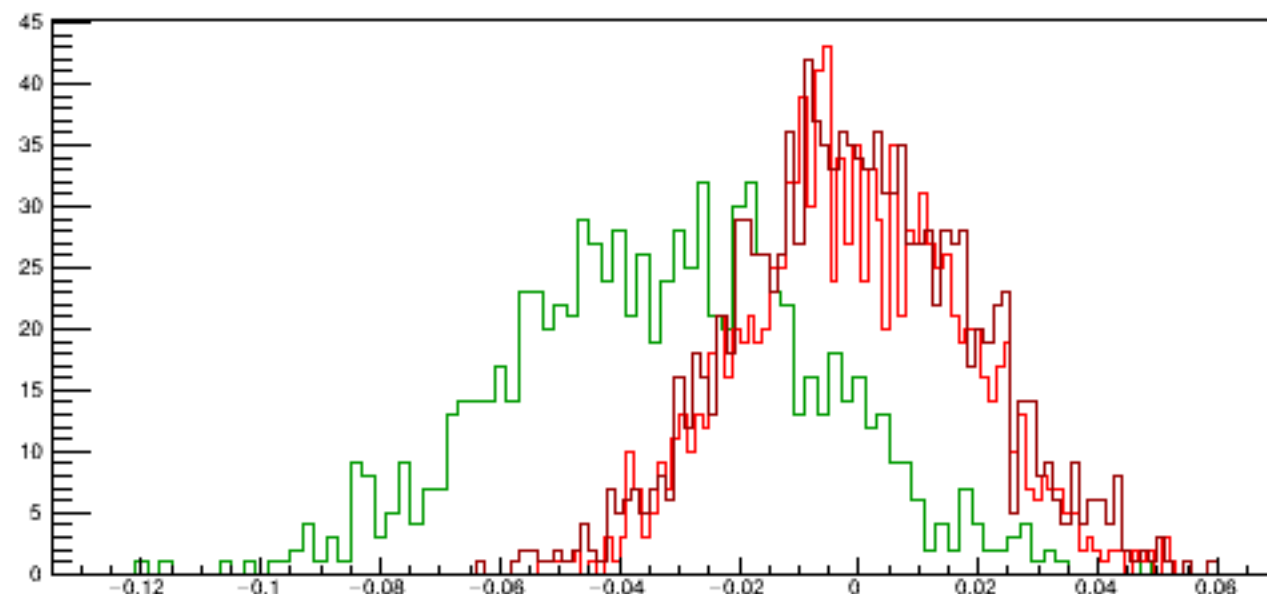
Std Dev: 0.0259 +/- 0.0006

Entries: 1222

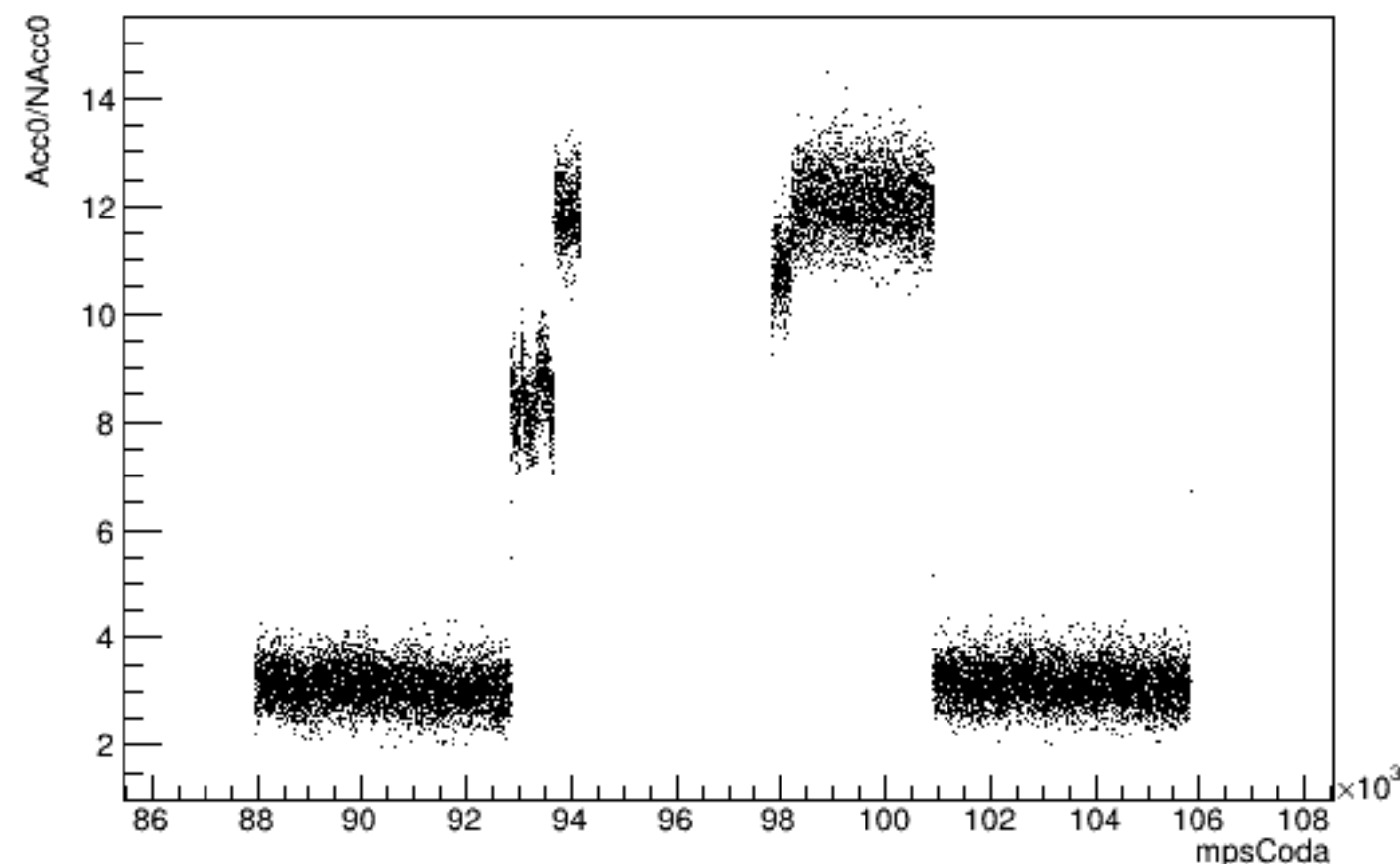
Mean: -0.0007 +/- 0.0006

Std Dev: 0.0199 +/- 0.0004

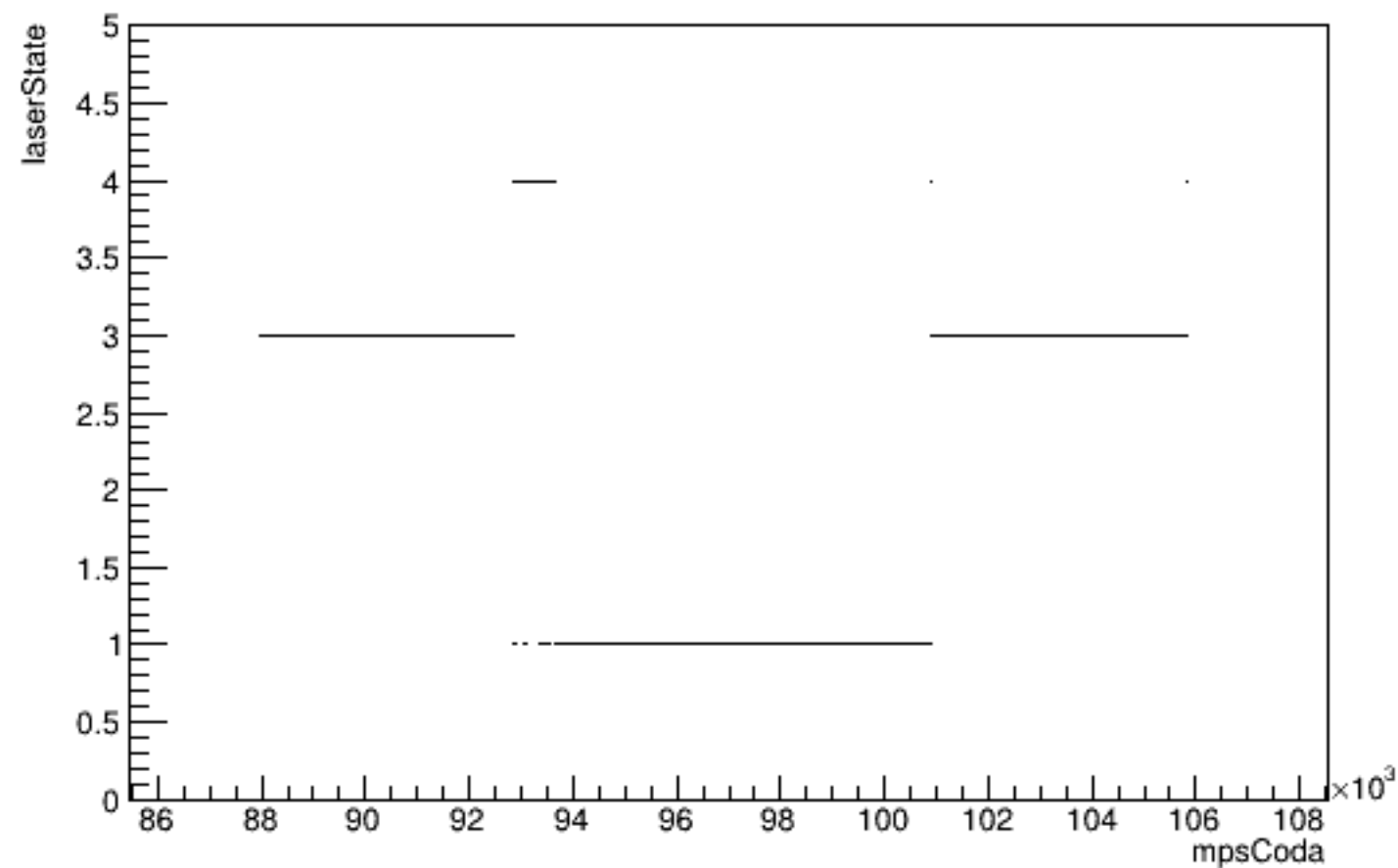
Run 6173 quartetwise, Asyms



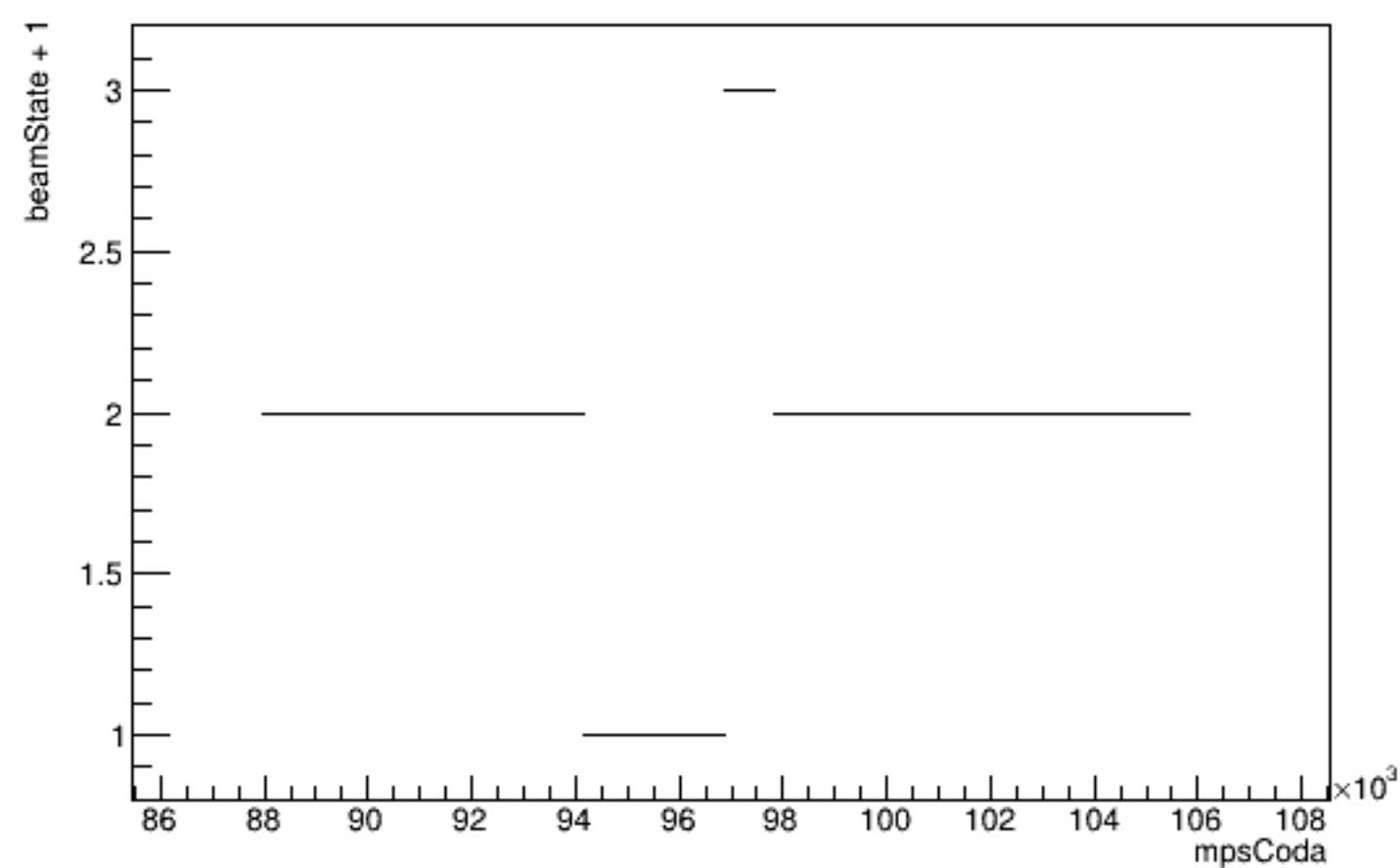
Acc0/NAcc0:mpsCoda {mpsCoda>=87969 && mpsCoda<=105804 && beamState==1}



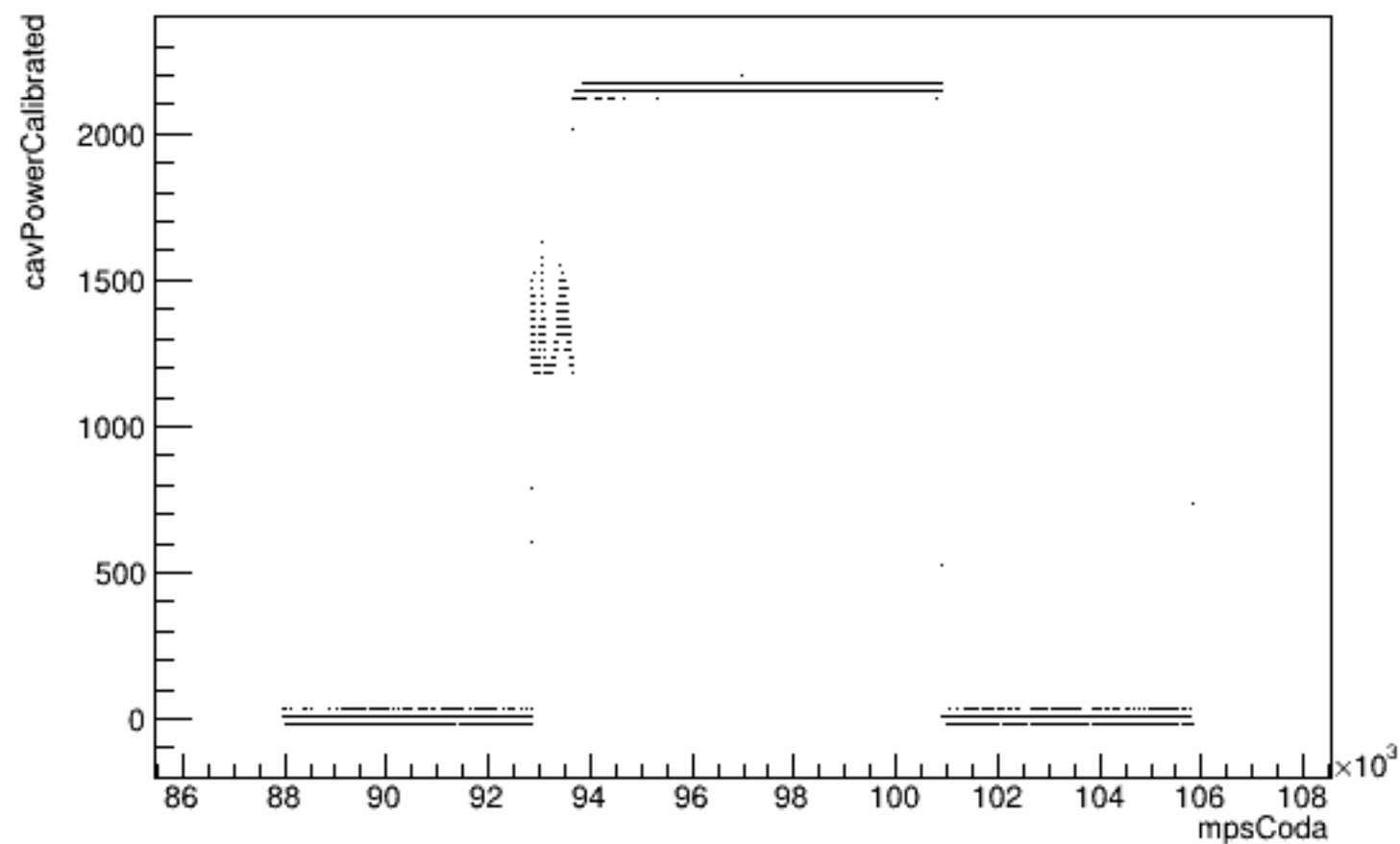
laserState:mpsCoda {mpsCoda>=87969 && mpsCoda<=105804}



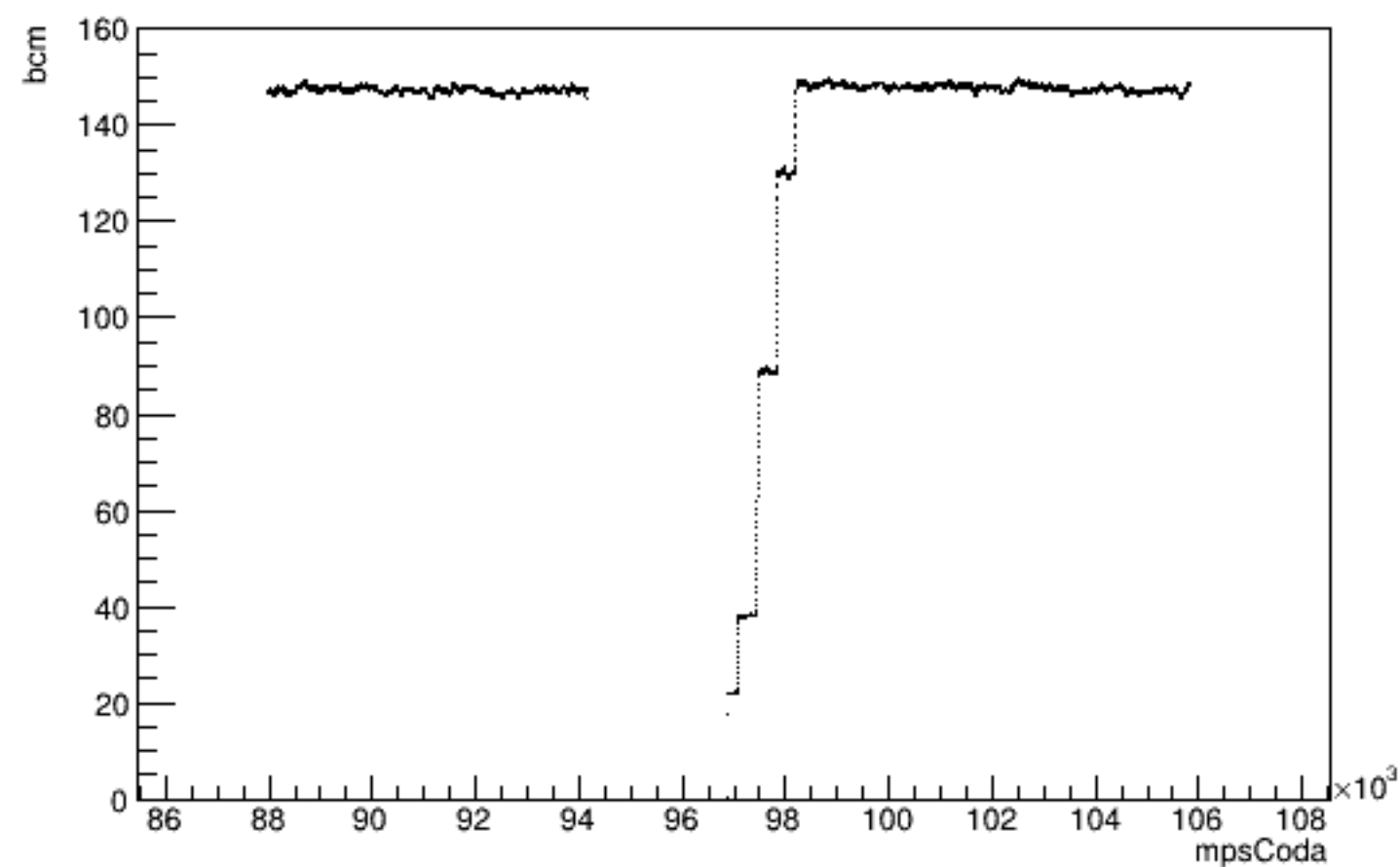
beamState + 1:mpsCoda {mpsCoda>=87969 && mpsCoda<=105804}



cavPowerCalibrated:mpsCoda {mpsCoda>=87969 && mpsCoda<=105804}



bcm:mpsCoda {mpsCoda>=87969 && mpsCoda<=105804}



Cycle 6, Diffs

Entries: 1222

Mean: -0.0131 +/- 0.0100

Std Dev: 0.3496 +/- 0.0071

Entries: 1585

Mean: -0.6043 +/- 0.0111

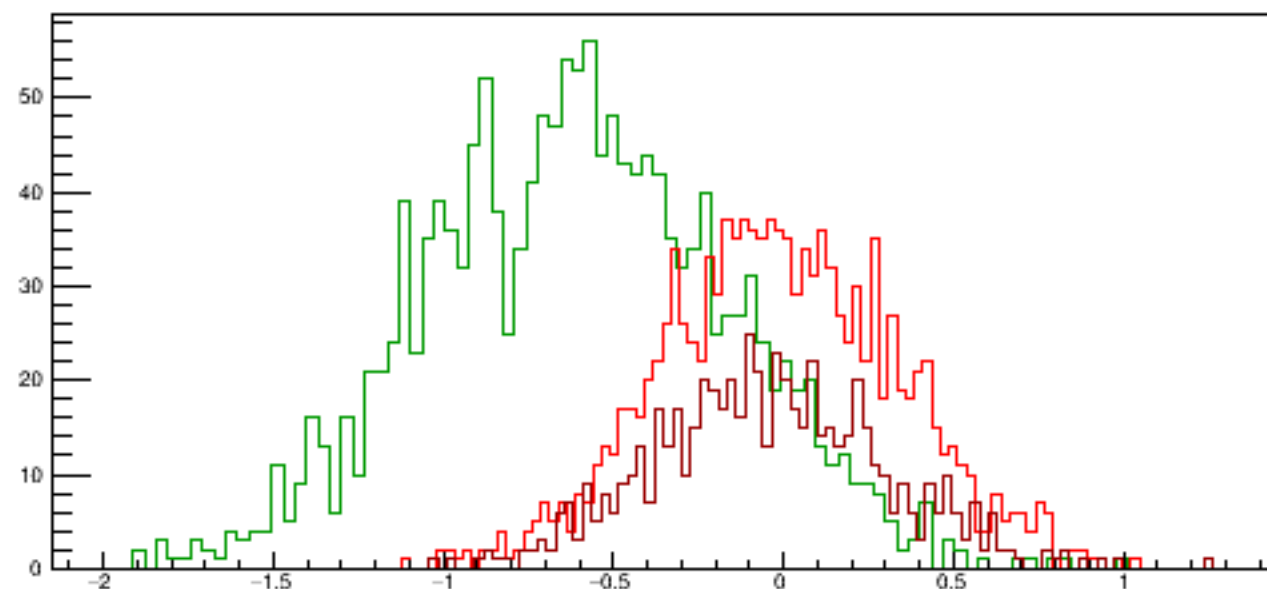
Std Dev: 0.4435 +/- 0.0079

Entries: 618

Mean: -0.0466 +/- 0.0138

Std Dev: 0.3421 +/- 0.0097

Run 6173 quartetwise, Diffs



Cycle 6, Sums

Entries: 1222

Mean: 6.3089 +/- 0.0107

Std Dev: 0.3725 +/- 0.0075

Entries: 1585

Mean: 24.1581 +/- 0.0124

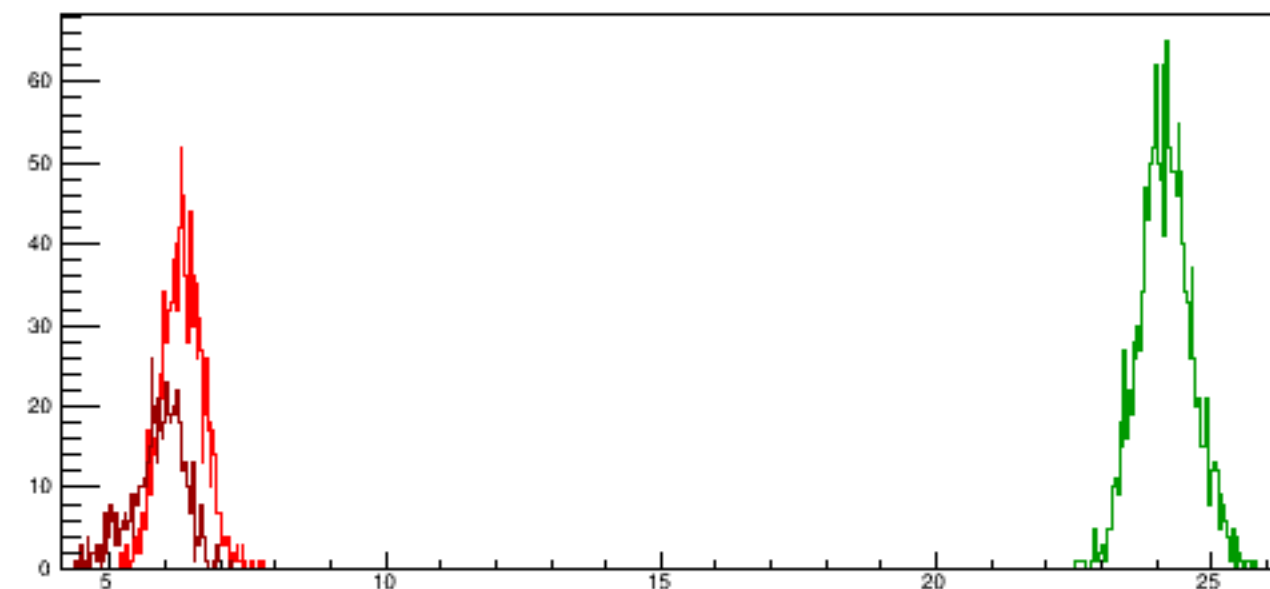
Std Dev: 0.4940 +/- 0.0088

Entries: 618

Mean: 5.8657 +/- 0.0195

Std Dev: 0.4840 +/- 0.0138

Run 6173 quartetwise, Sums



Cycle 6, Asyms

Entries: 1222

Mean: -0.0007 +/- 0.0006

Std Dev: 0.0193 +/- 0.0004

Entries: 1585

Mean: -0.0334 +/- 0.0006

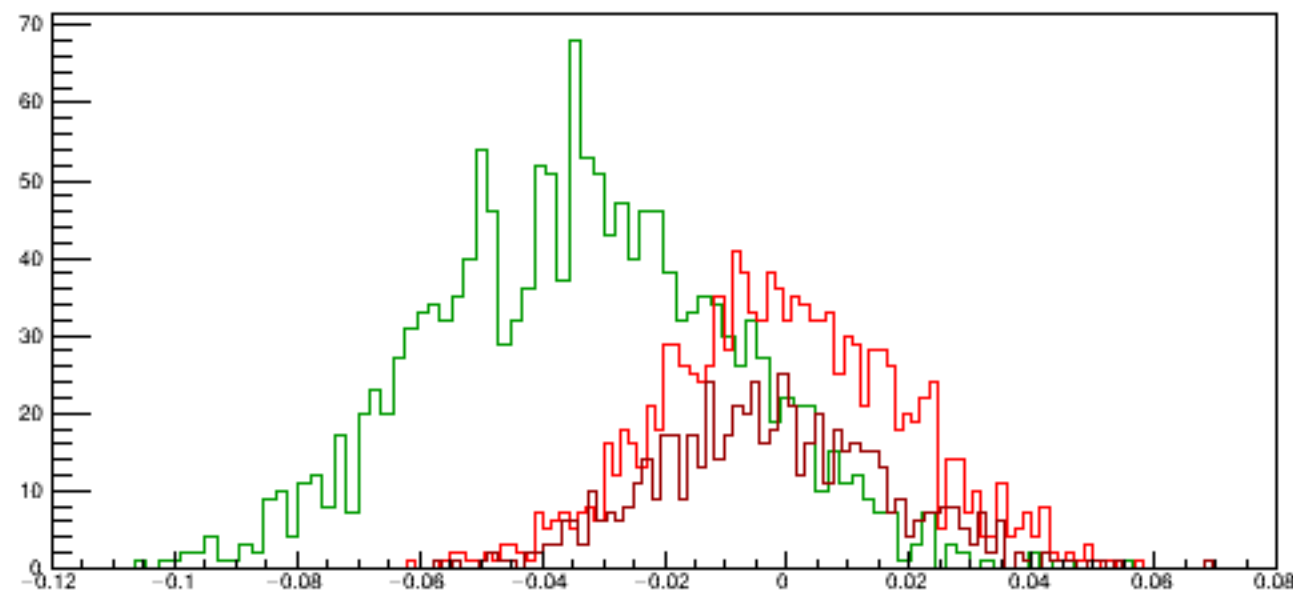
Std Dev: 0.0245 +/- 0.0004

Entries: 618

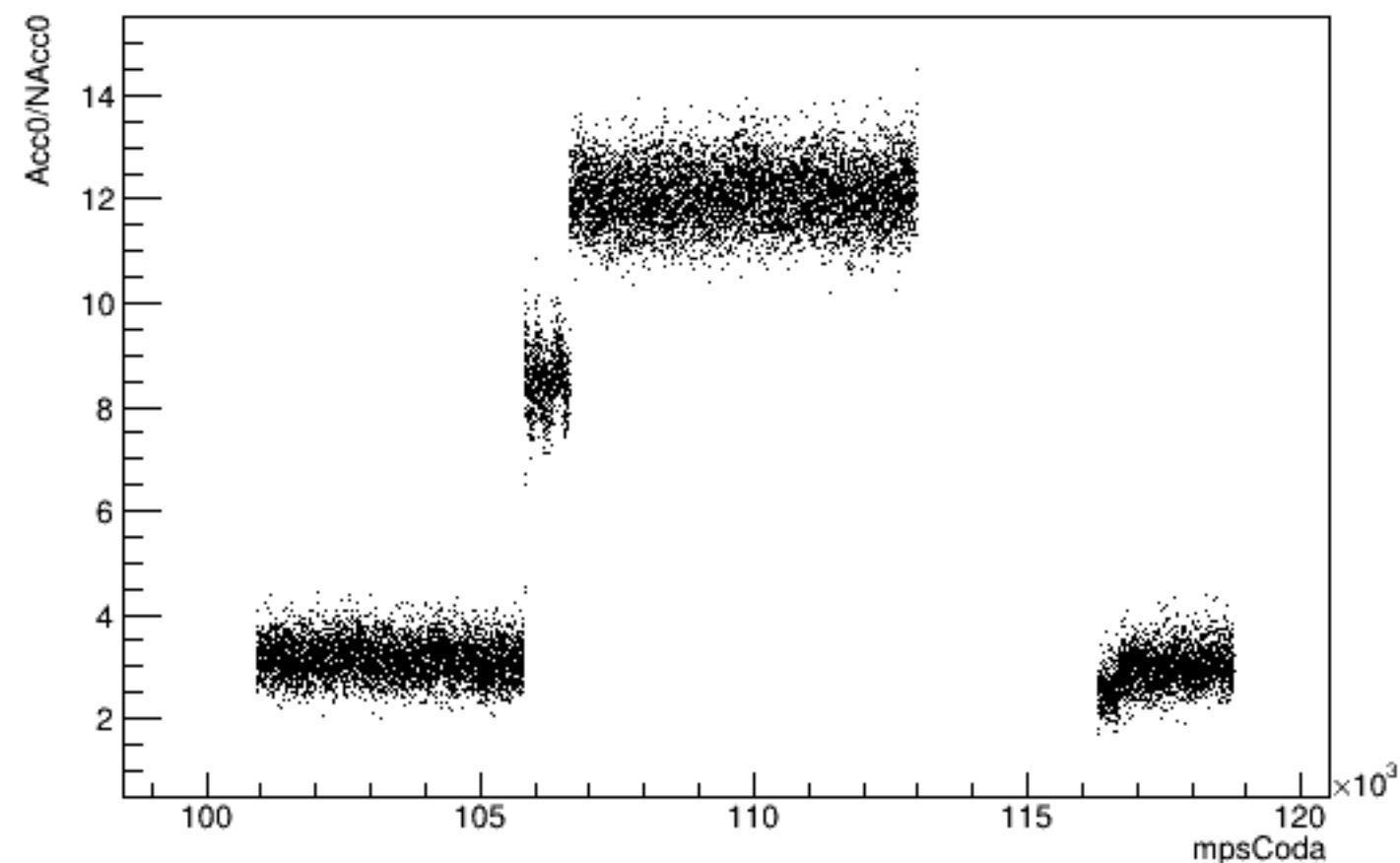
Mean: -0.0026 +/- 0.0008

Std Dev: 0.0189 +/- 0.0005

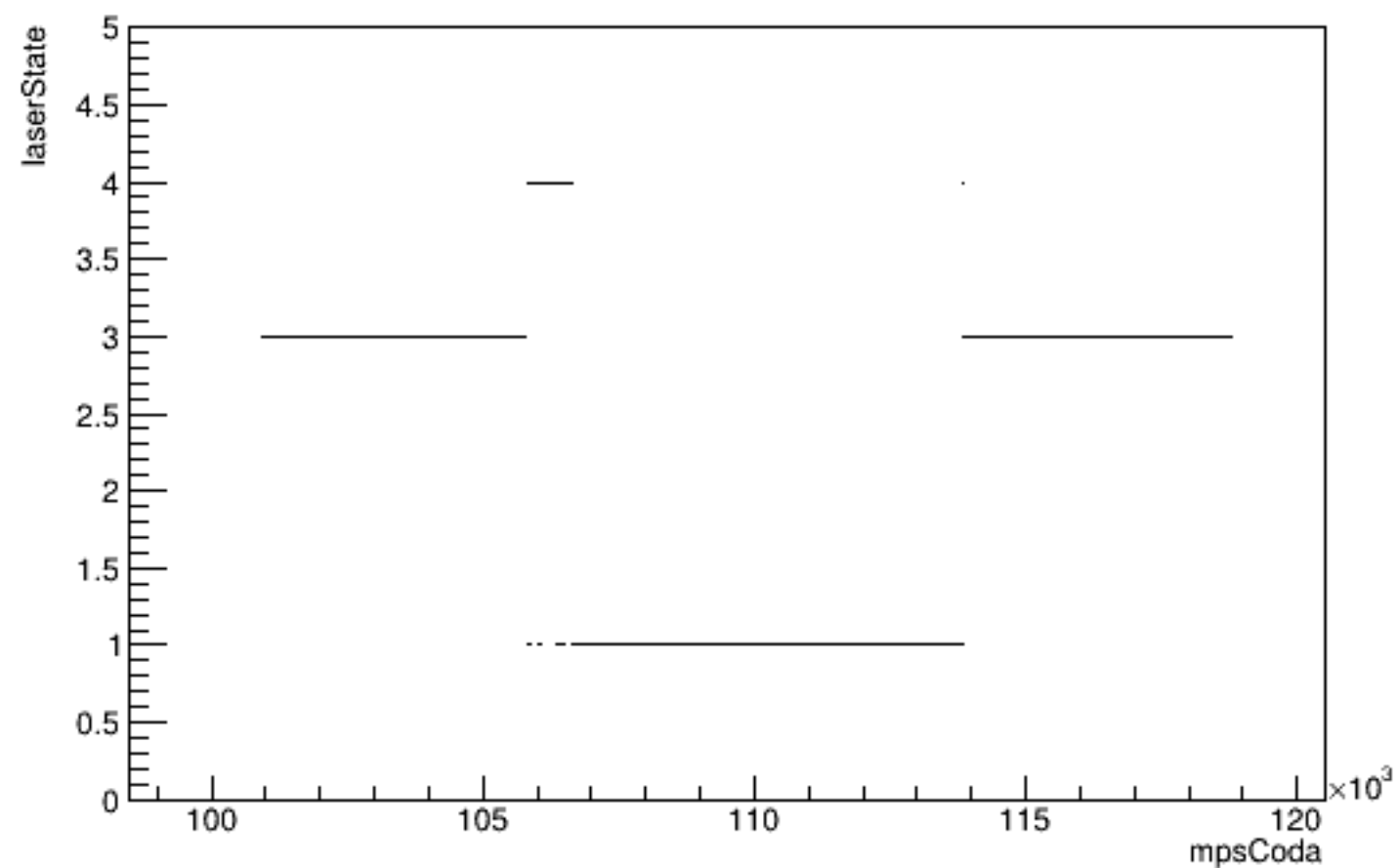
Run 6173 quartetwise, Asyms



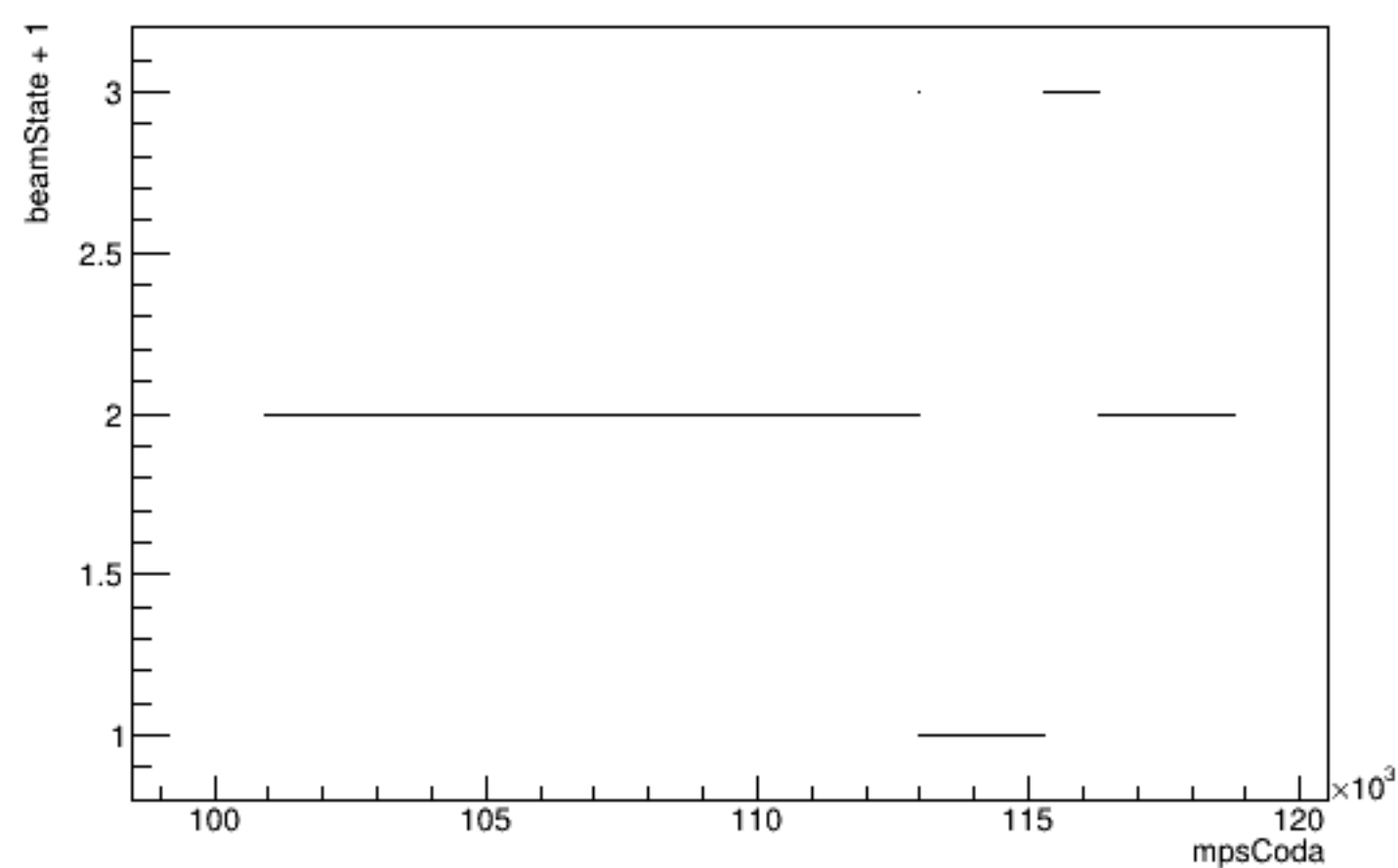
Acc0/NAcc0:mpsCoda (mpsCoda>=100913 && mpsCoda<=118768 && beamState==1)



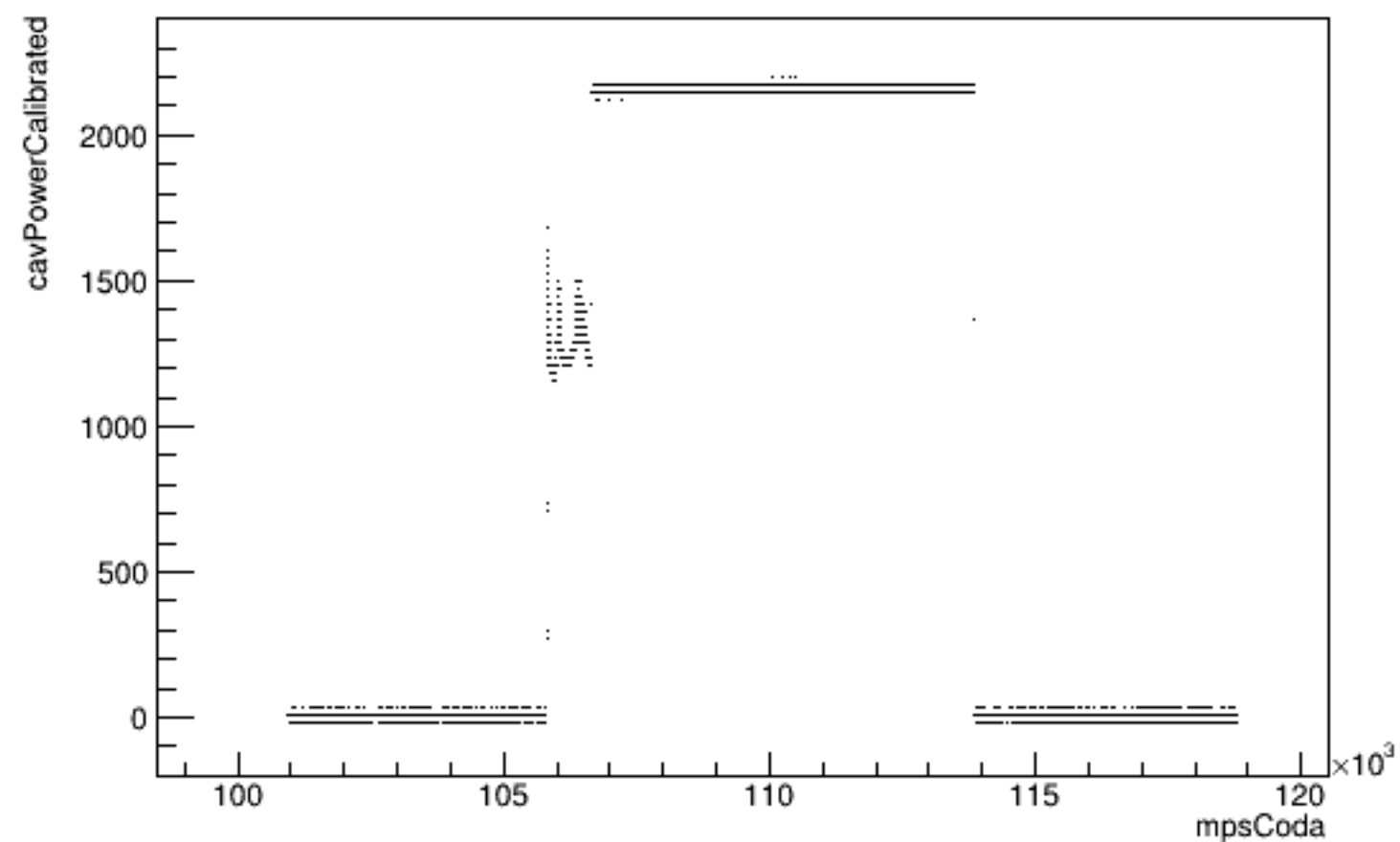
laserState:mpsCoda {mpsCoda>=100913 && mpsCoda<=118768}



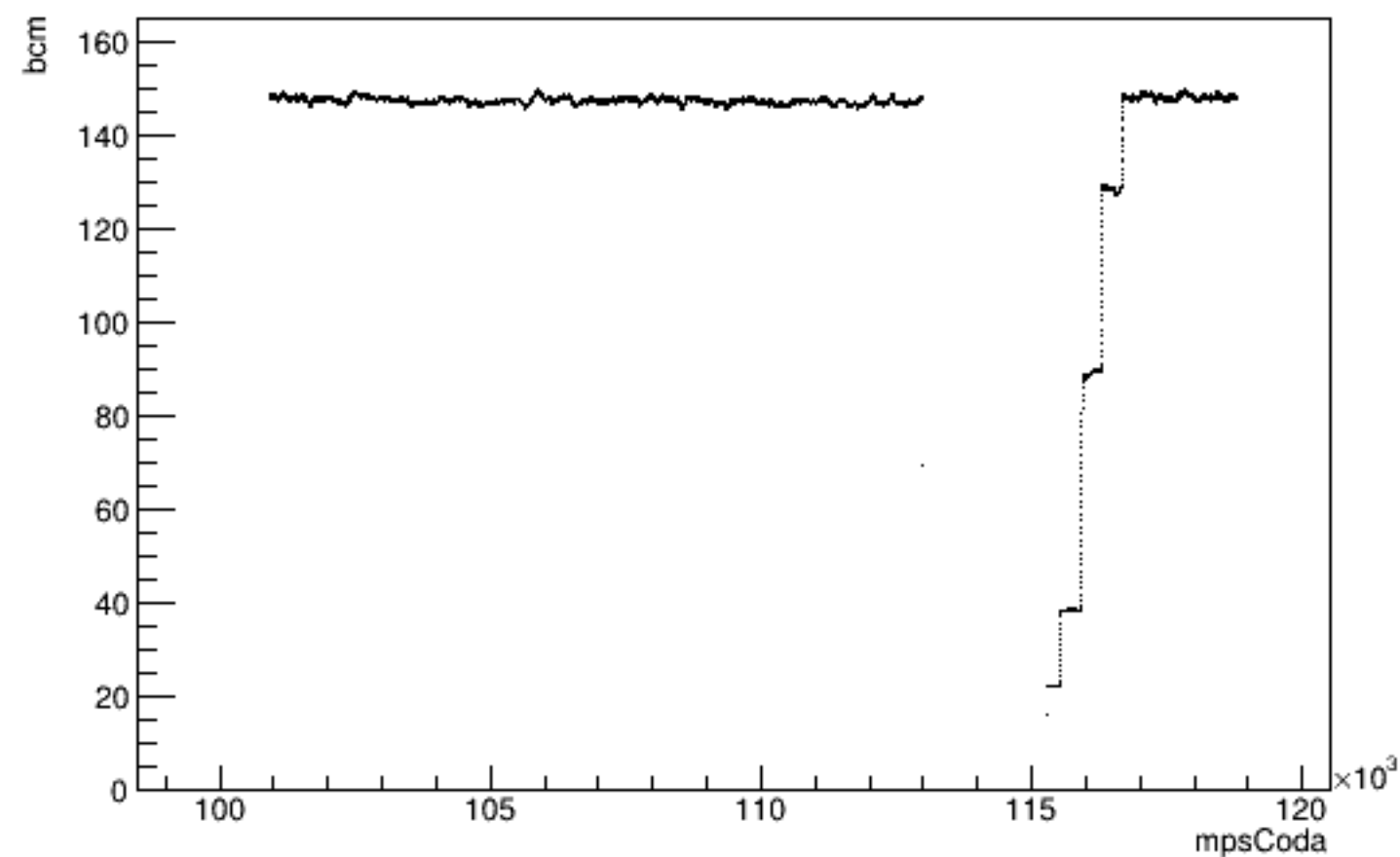
beamState + 1:mpsCoda {mpsCoda>=100913 && mpsCoda<=118768}



cavPowerCalibrated:mpsCoda {mpsCoda>=100913 && mpsCoda<=118768}



bcm:mpsCoda {mpsCoda>=100913 && mpsCoda<=118768}



Cycle 7, Diffs

Entries: 471

Mean: -0.0334 +/- 0.0168

Std Dev: 0.3641 +/- 0.0119

Entries: 1812

Mean: -0.6041 +/- 0.0109

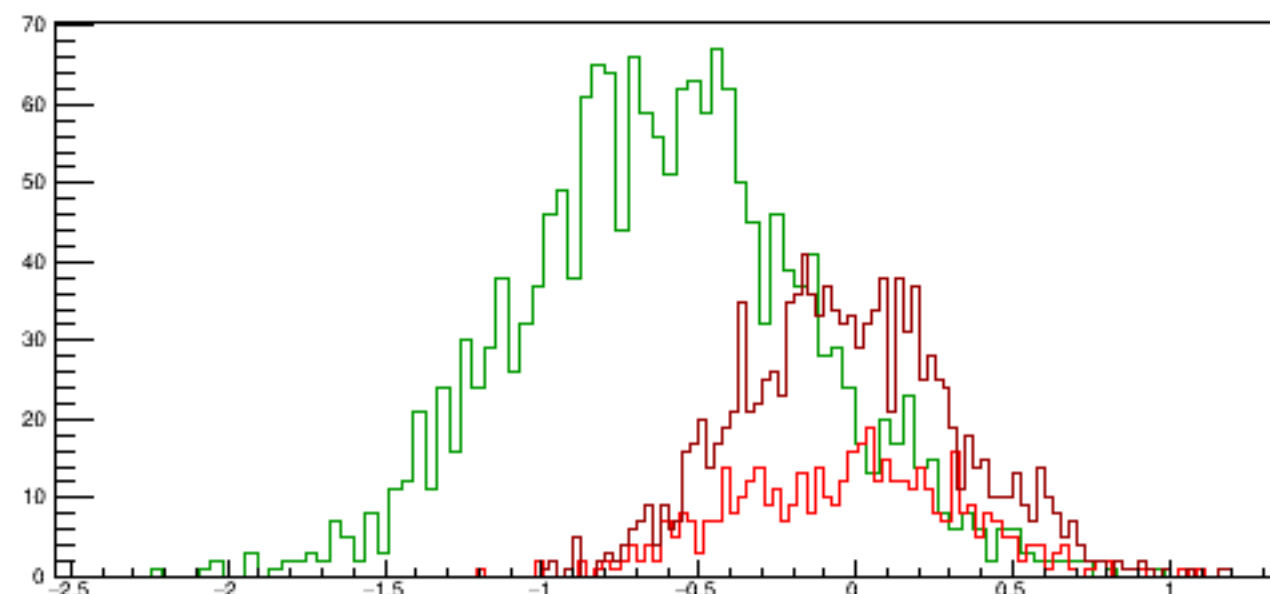
Std Dev: 0.4627 +/- 0.0077

Entries: 1224

Mean: -0.0266 +/- 0.0099

Std Dev: 0.3469 +/- 0.0070

Run 6173 quartetwise, Diffs



Cycle 7, Sums

Entries: 471

Mean: 6.5352 +/- 0.0174

Std Dev: 0.3779 +/- 0.0123

Entries: 1812

Mean: 24.0036 +/- 0.0117

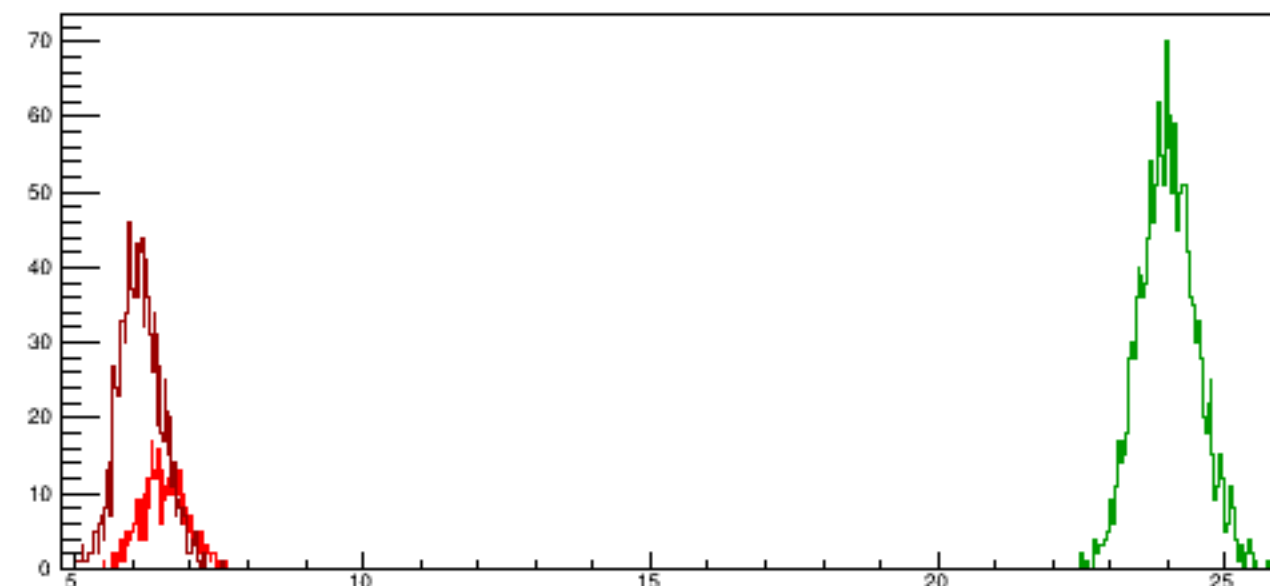
Std Dev: 0.4976 +/- 0.0083

Entries: 1224

Mean: 6.1306 +/- 0.0107

Std Dev: 0.3729 +/- 0.0075

Run 6173 quartetwise, Sums



Cycle 7, Asyms

Entries: 471

Mean: -0.0019 +/- 0.0009

Std Dev: 0.0206 +/- 0.0007

Entries: 1812

Mean: -0.0342 +/- 0.0006

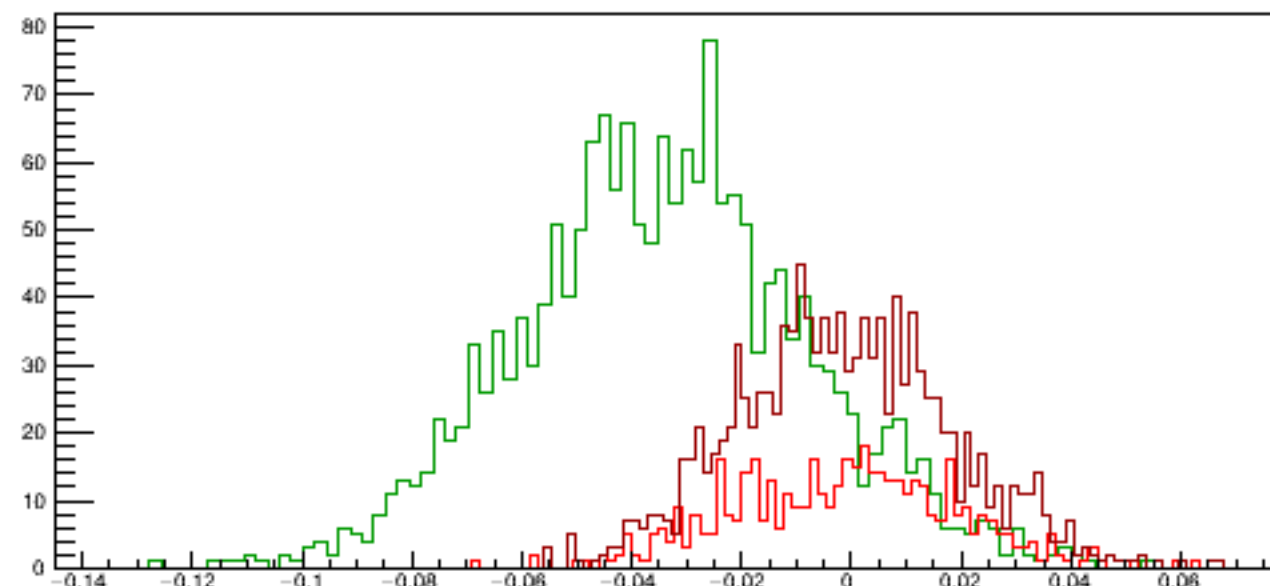
Std Dev: 0.0262 +/- 0.0004

Entries: 1224

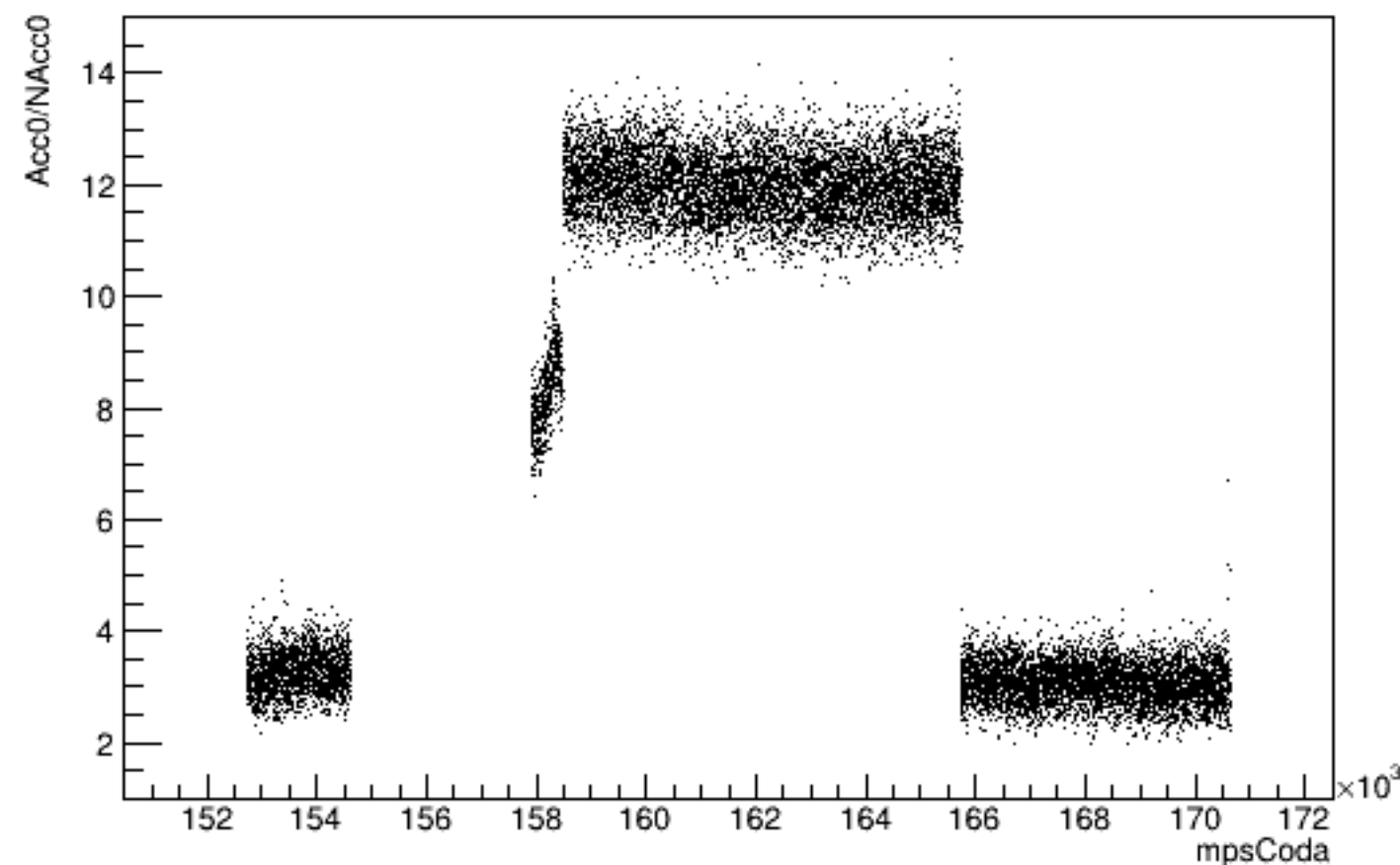
Mean: -0.0015 +/- 0.0006

Std Dev: 0.0196 +/- 0.0004

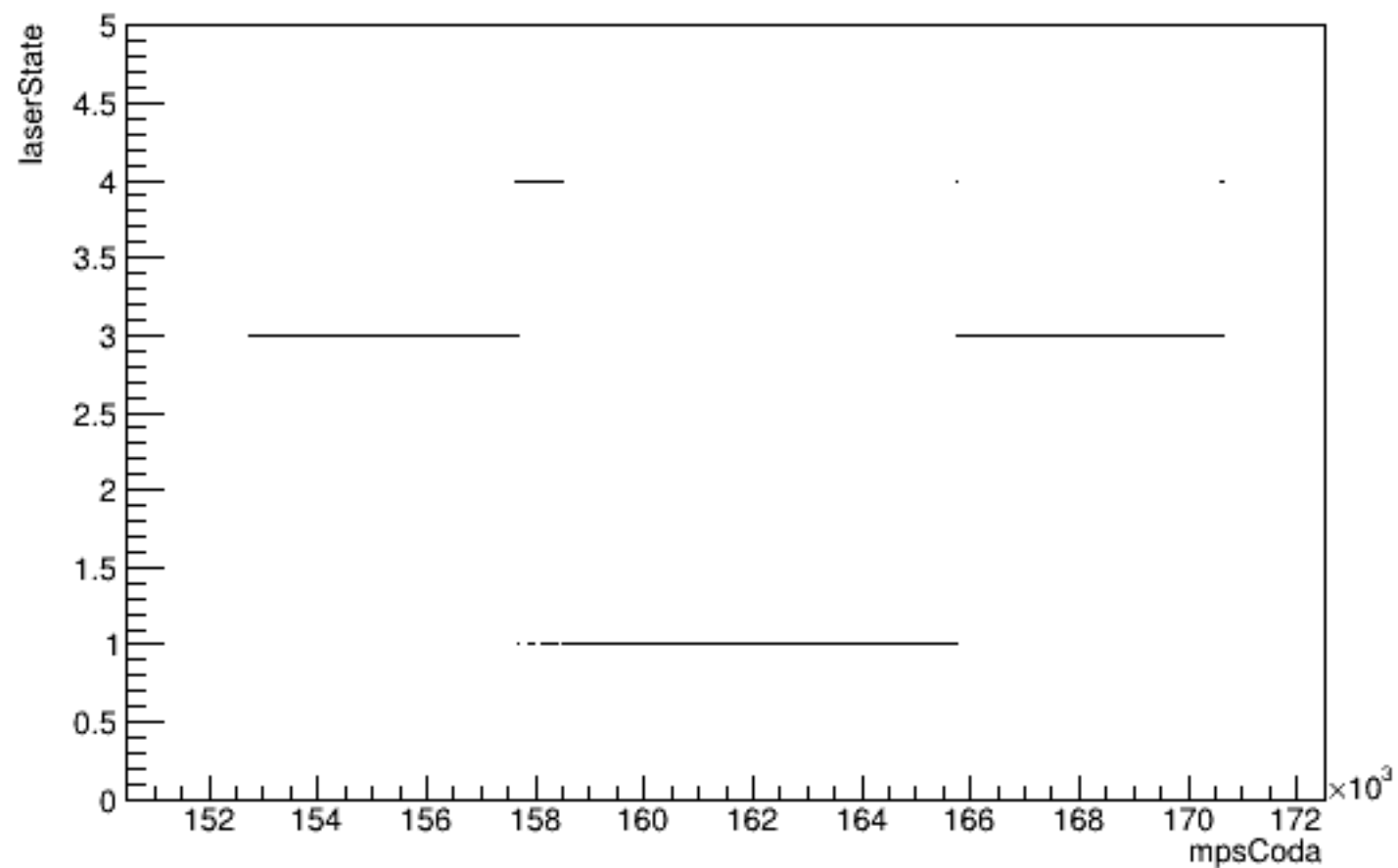
Run 6173 quartetwise, Asyms



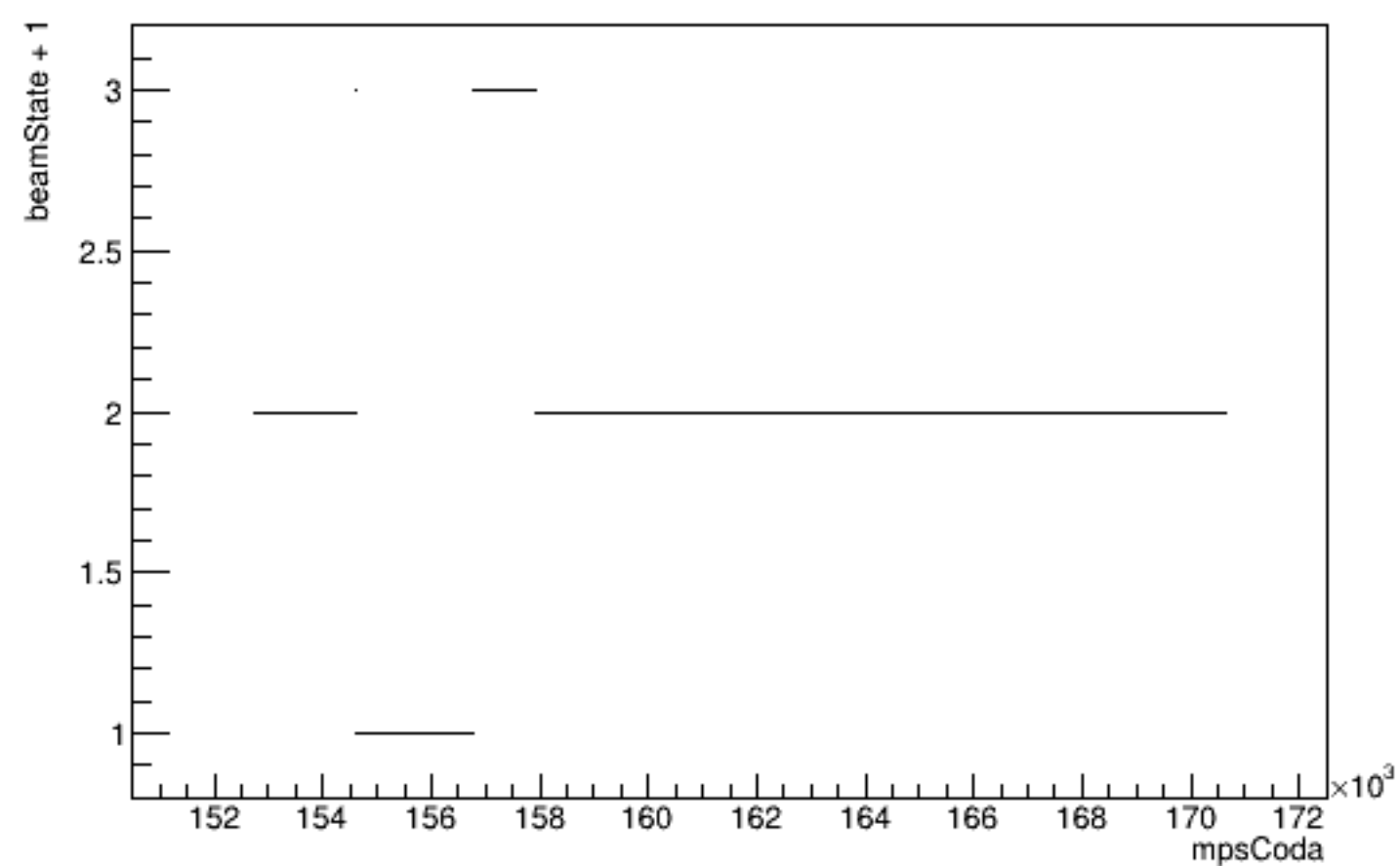
Acc0/NAcc0:mpsCoda (mpsCoda>=152729 && mpsCoda<=170640 && beamState==1)



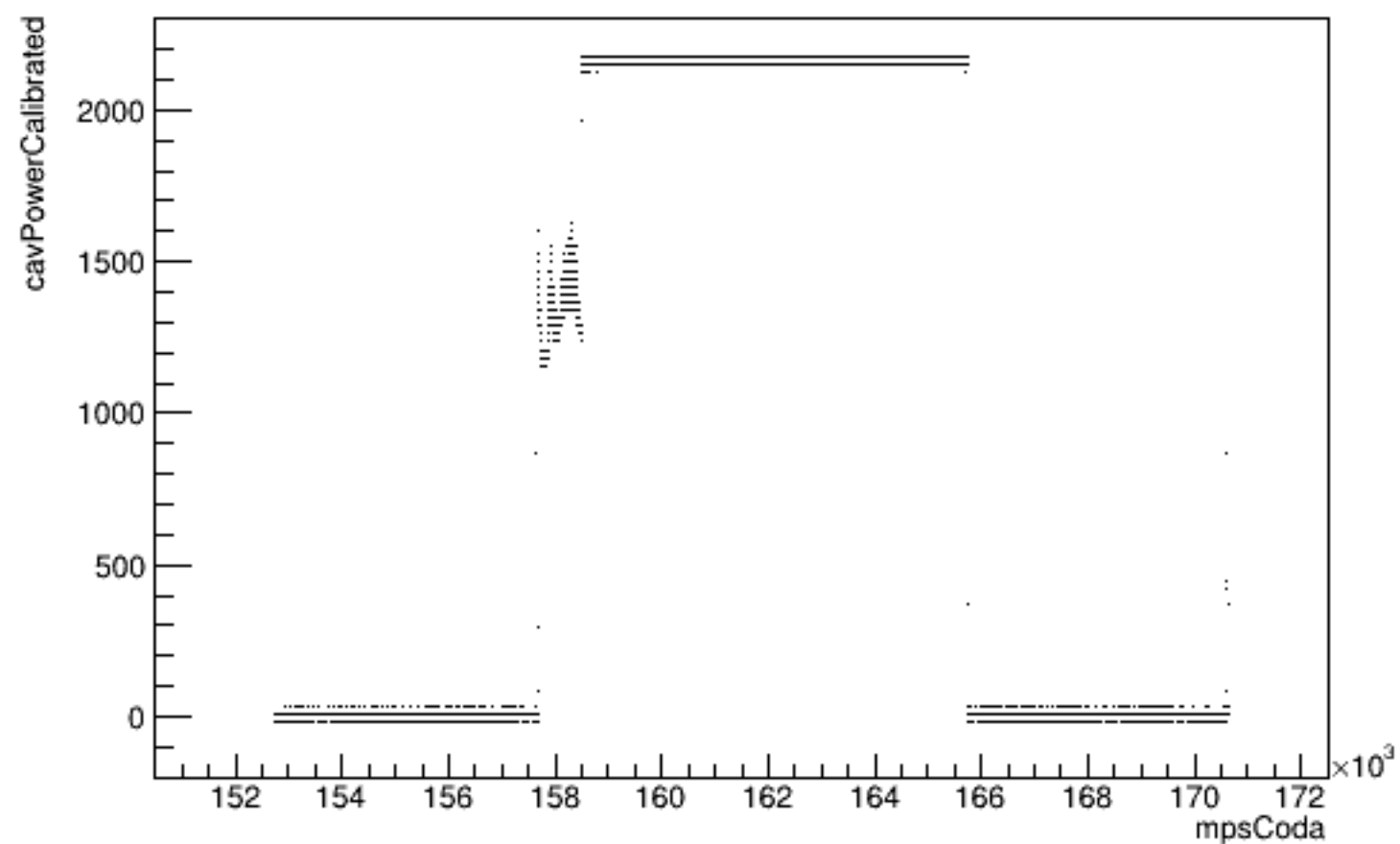
laserState:mpsCoda {mpsCoda>=152729 && mpsCoda<=170640}



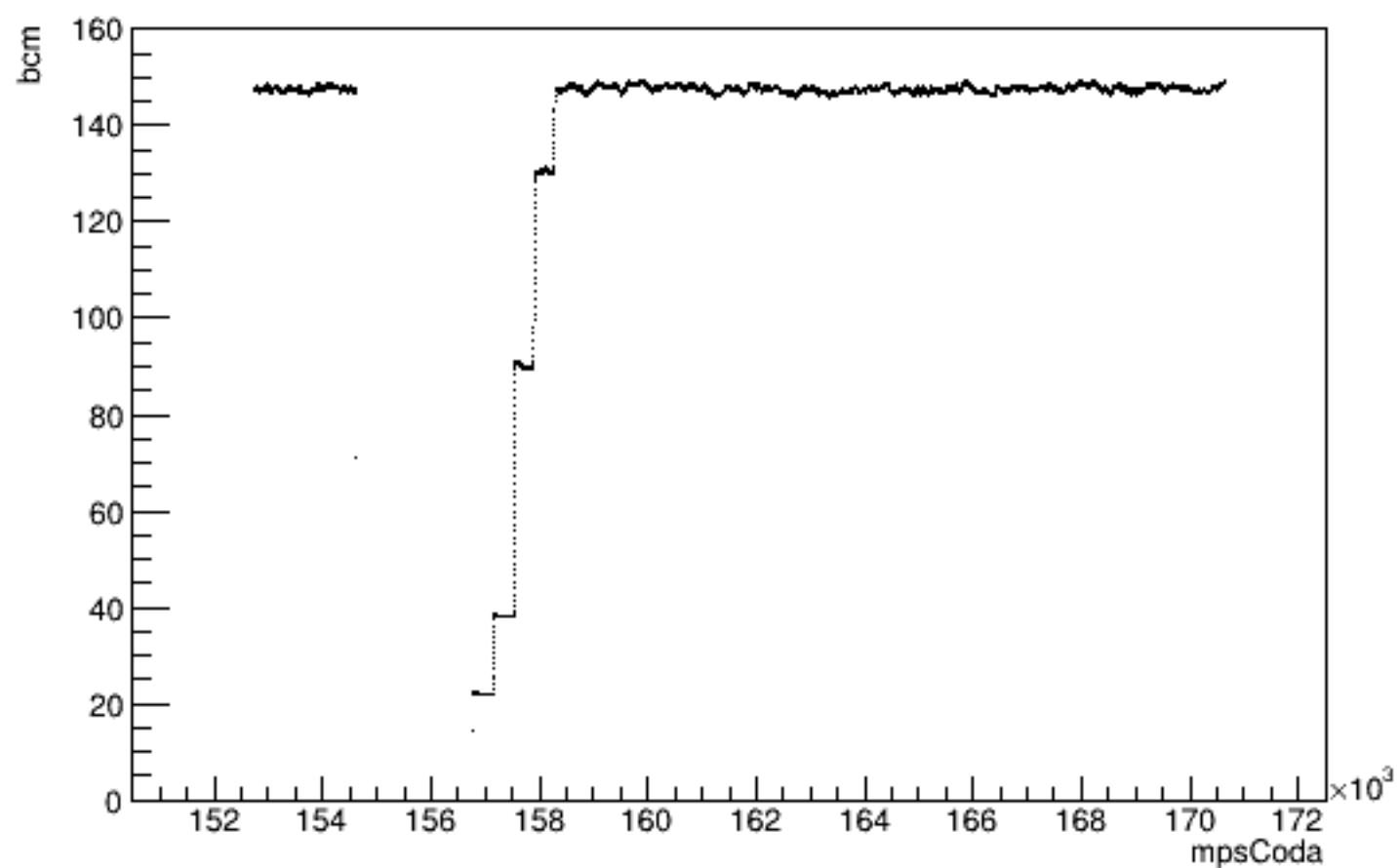
beamState + 1:mpsCoda {mpsCoda>=152729 && mpsCoda<=170640}



cavPowerCalibrated:mpsCoda {mpsCoda>=152729 && mpsCoda<=170640}



bcm:mpsCoda {mpsCoda>=152729 && mpsCoda<=170640}



Cycle 8, Diffs

Entries: 1224

Mean: -0.0266 +/- 0.0099

Std Dev: 0.3469 +/- 0.0070

Entries: 1810

Mean: -0.5900 +/- 0.0104

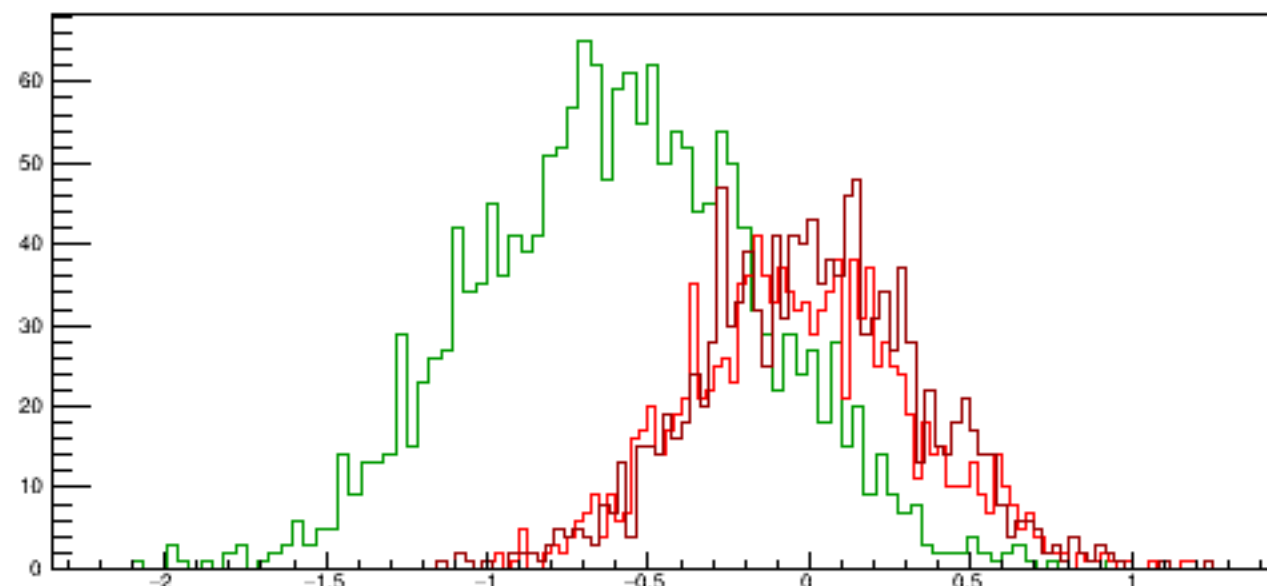
Std Dev: 0.4416 +/- 0.0073

Entries: 1226

Mean: 0.0022 +/- 0.0099

Std Dev: 0.3461 +/- 0.0070

Run 6173 quartetwise, Diffs



Cycle 8, Sums

Entries: 1224

Mean: 6.1306 +/- 0.0107

Std Dev: 0.3729 +/- 0.0075

Entries: 1810

Mean: 24.0341 +/- 0.0118

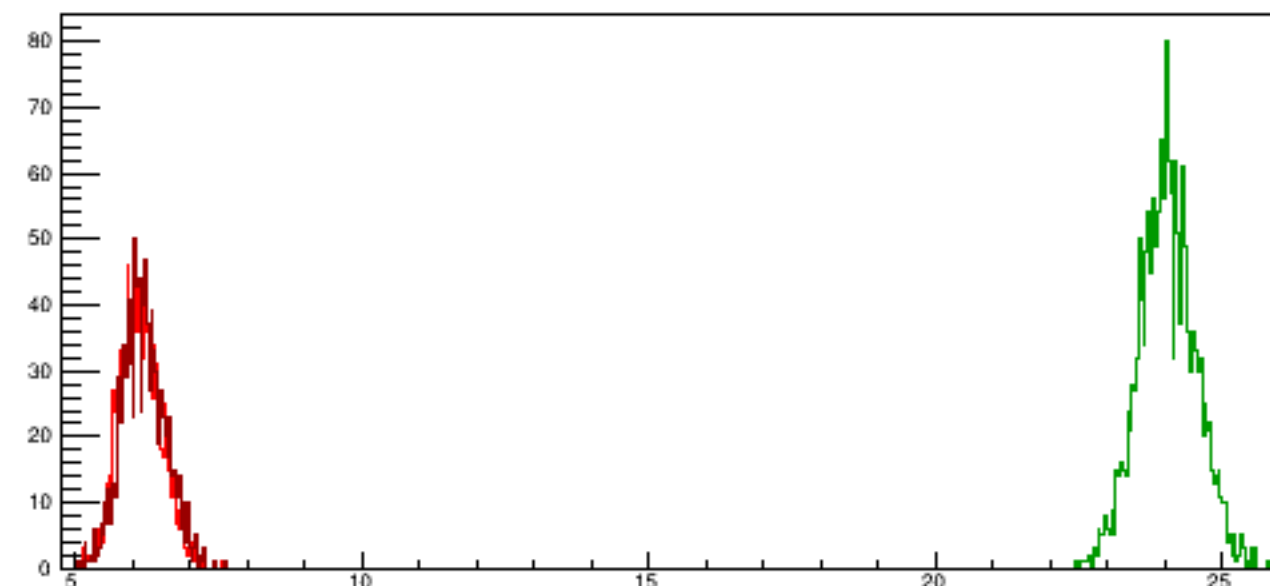
Std Dev: 0.5009 +/- 0.0083

Entries: 1226

Mean: 6.1895 +/- 0.0108

Std Dev: 0.3795 +/- 0.0077

Run 6173 quartetwise, Sums



Cycle 8, Asyms

Entries: 1224

Mean: -0.0015 +/- 0.0006

Std Dev: 0.0194 +/- 0.0004

Entries: 1810

Mean: -0.0330 +/- 0.0006

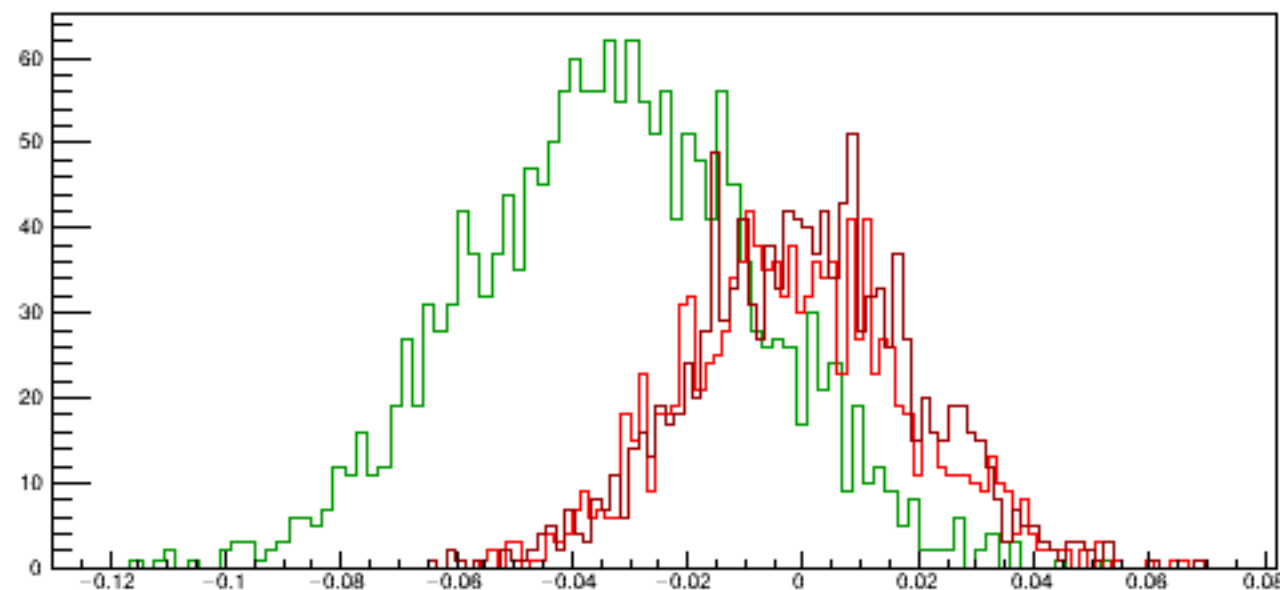
Std Dev: 0.0247 +/- 0.0004

Entries: 1226

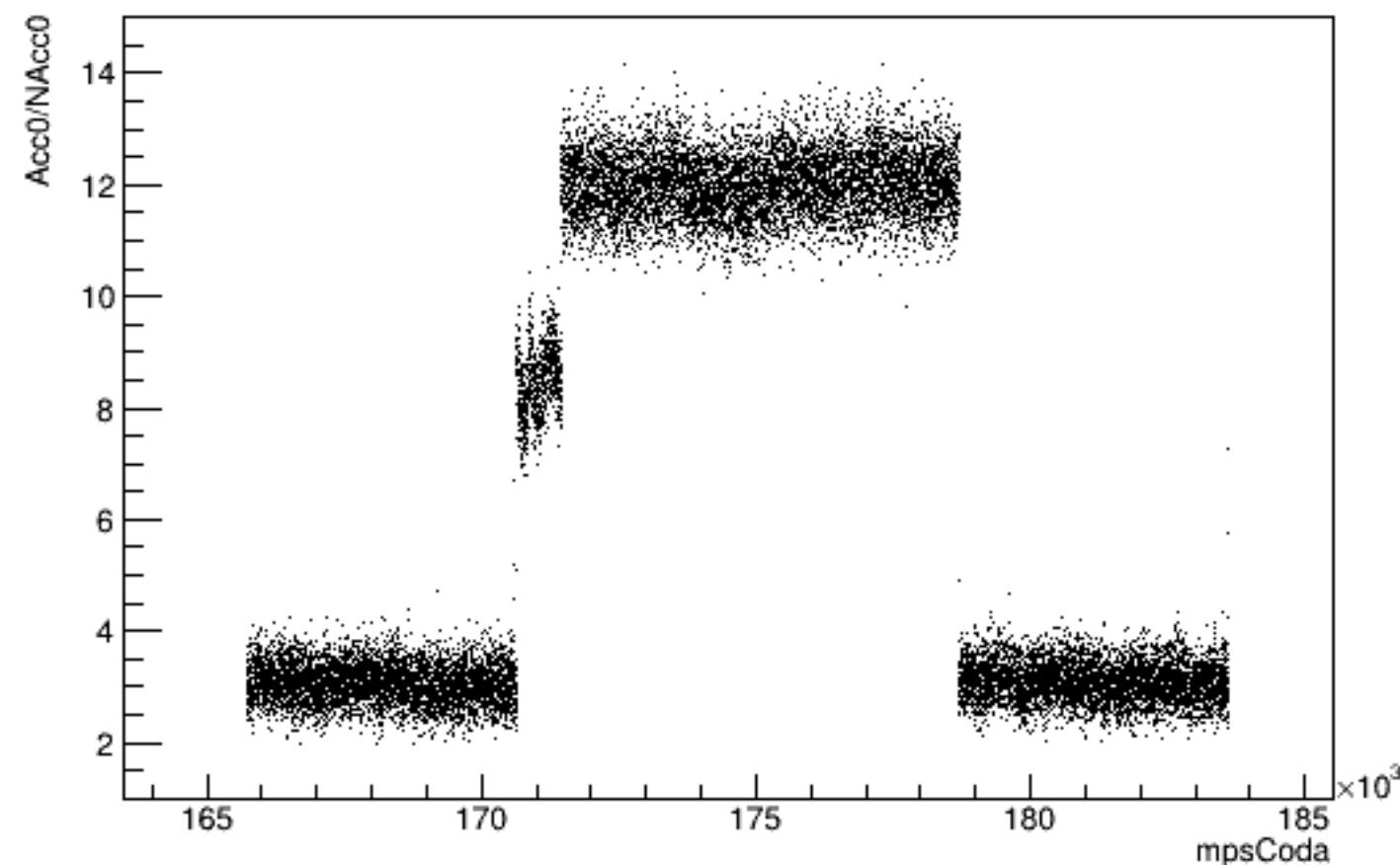
Mean: 0.0001 +/- 0.0006

Std Dev: 0.0194 +/- 0.0004

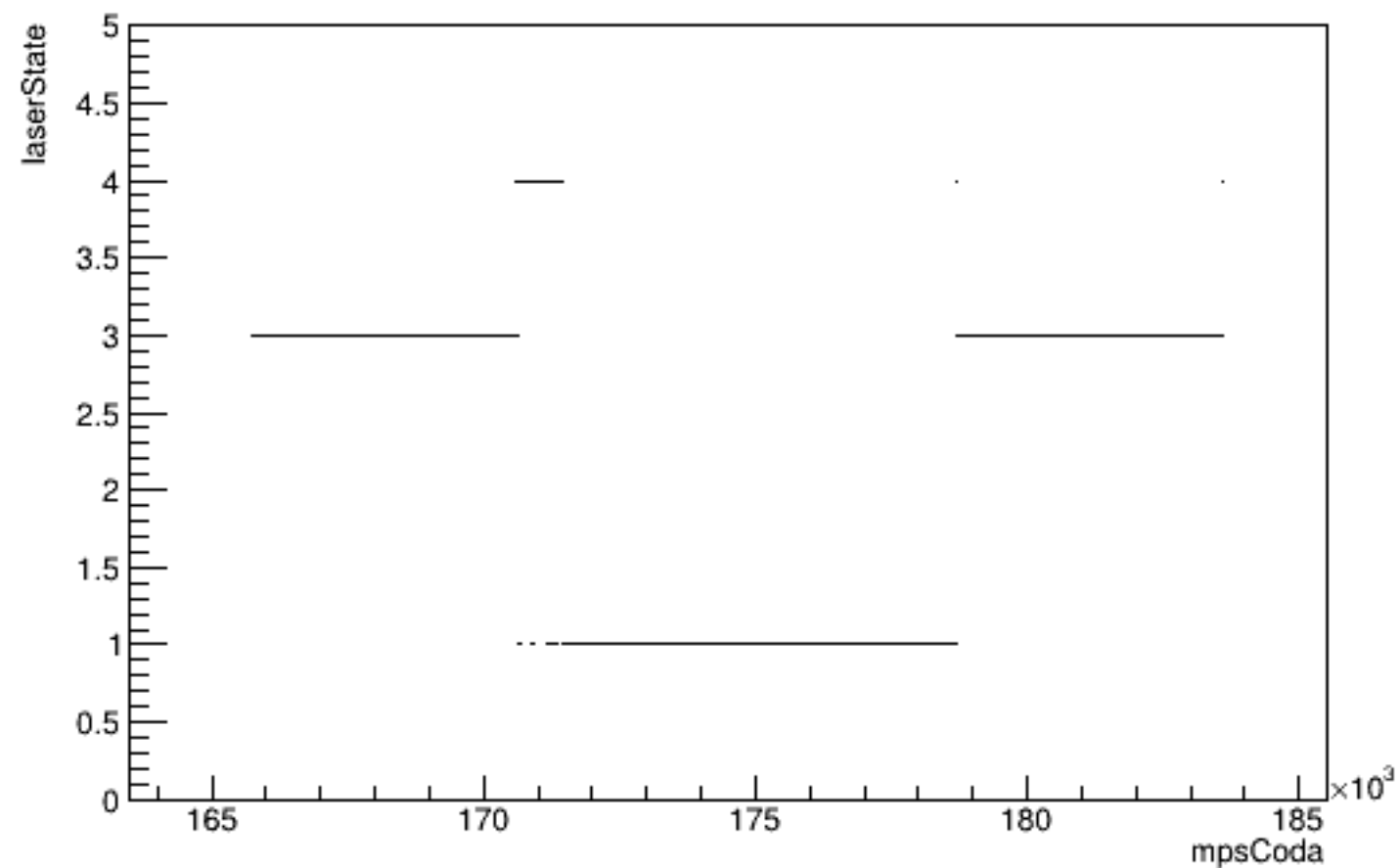
Run 6173 quartetwise, Asyms



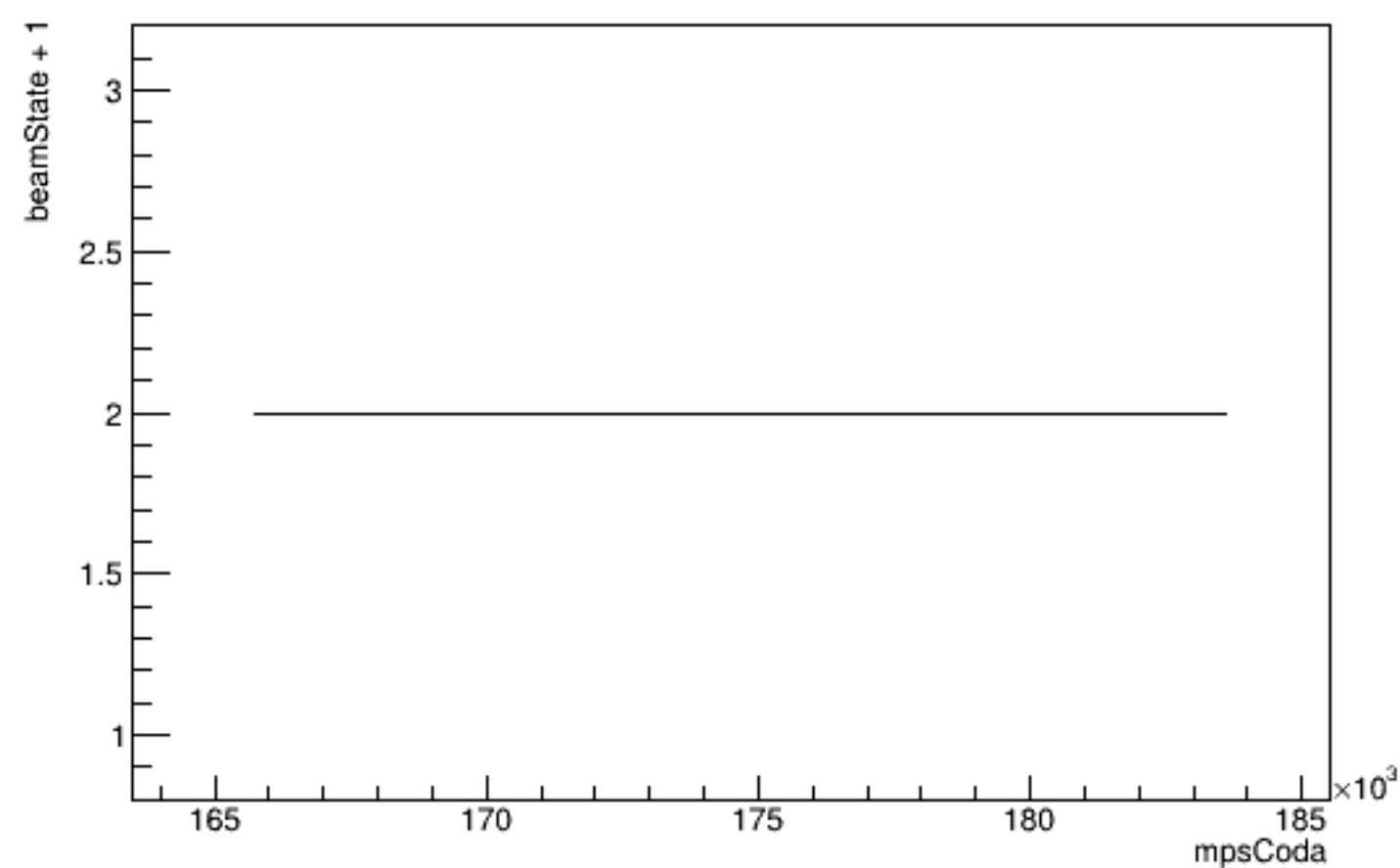
Acc0/NAcc0:mpsCoda (mpsCoda>=165733 && mpsCoda<=183608 && beamState==1)



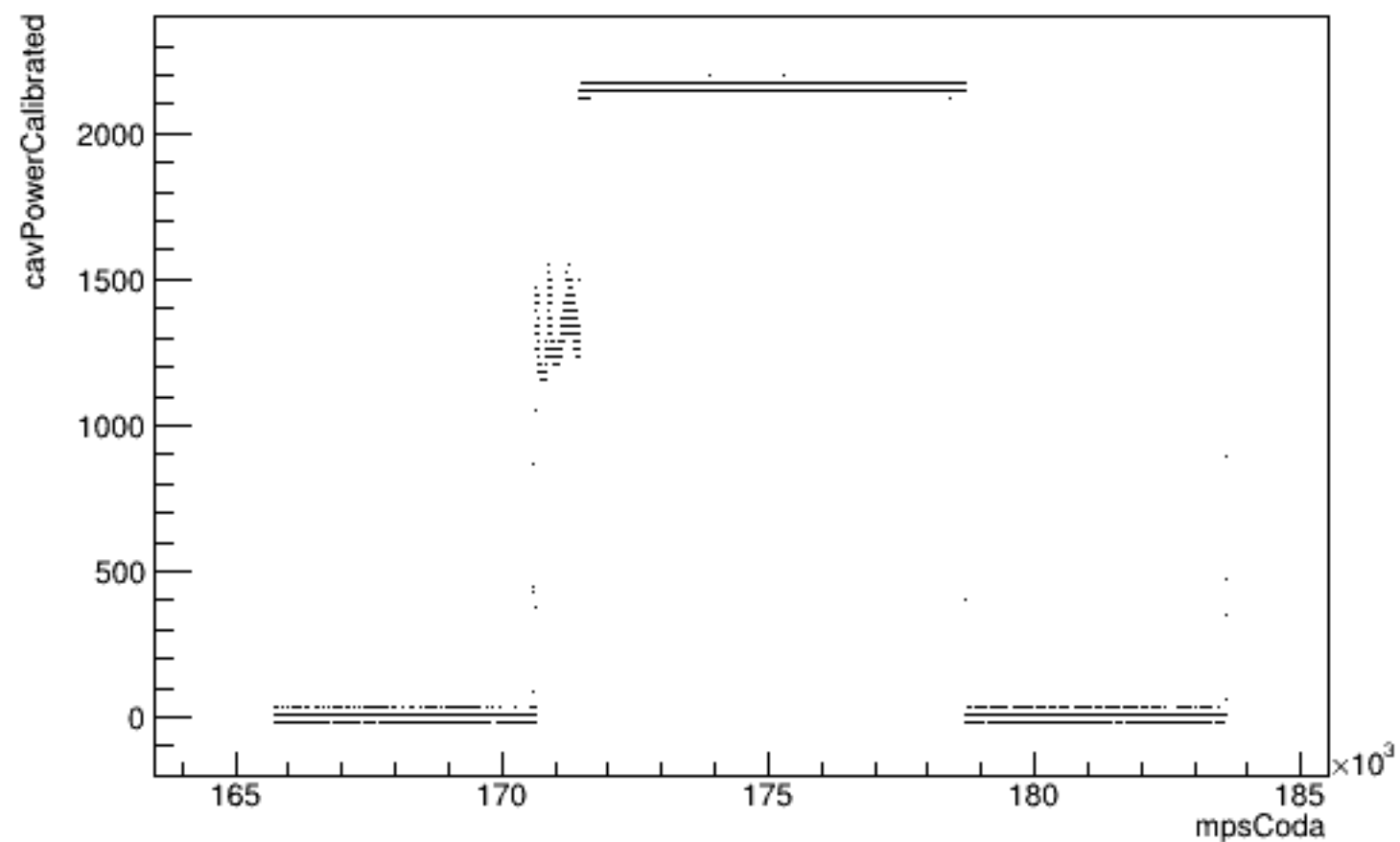
laserState:mpsCoda {mpsCoda>=165733 && mpsCoda<=183608}



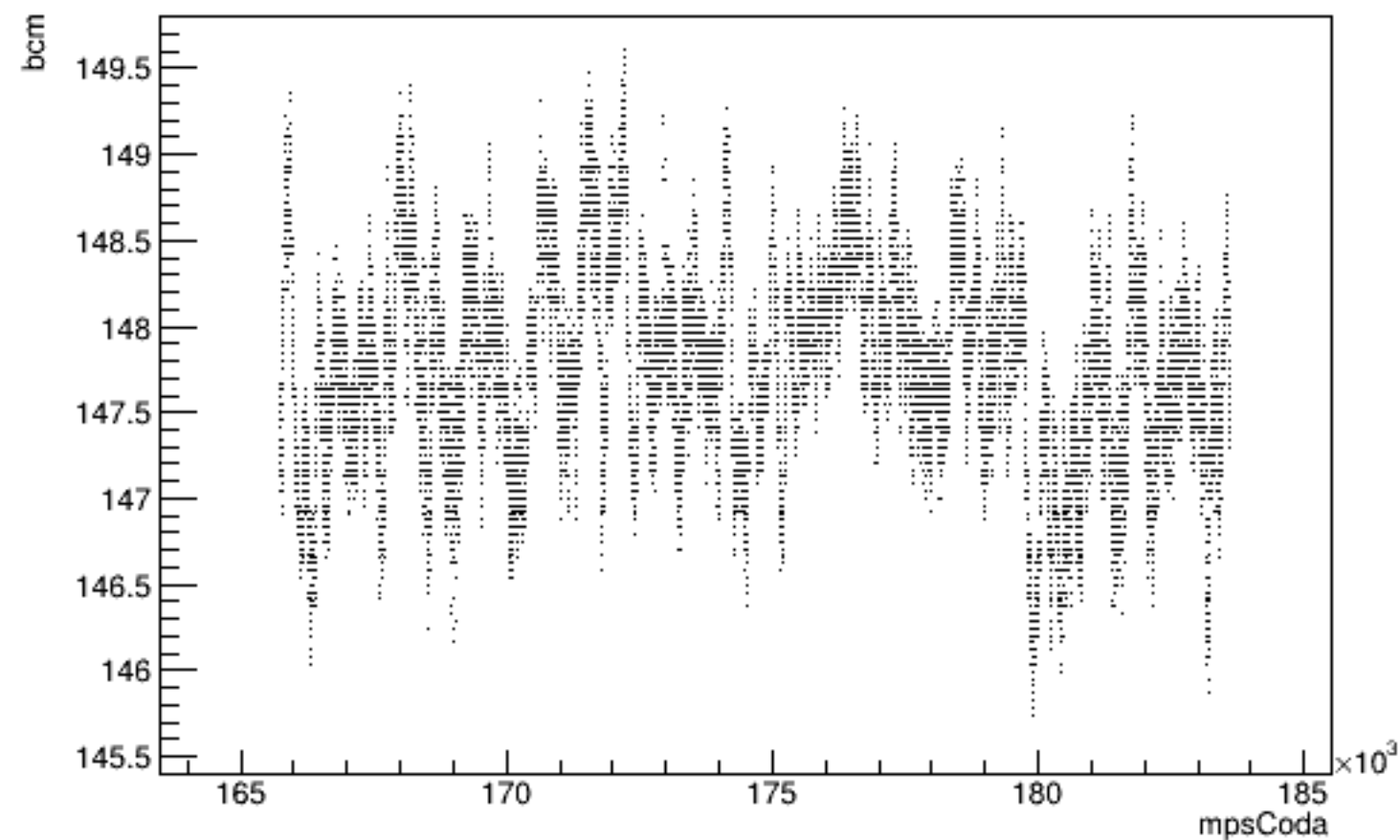
beamState + 1:mpsCoda {mpsCoda>=165733 && mpsCoda<=183608}



cavPowerCalibrated:mpsCoda {mpsCoda>=165733 && mpsCoda<=183608}



bcm:mpsCoda {mpsCoda>=165733 && mpsCoda<=183608}



Cycle 9, Diffs

Entries: 1226

Mean: 0.0022 +/- 0.0099

Std Dev: 0.3461 +/- 0.0070

Entries: 1807

Mean: -0.5713 +/- 0.0107

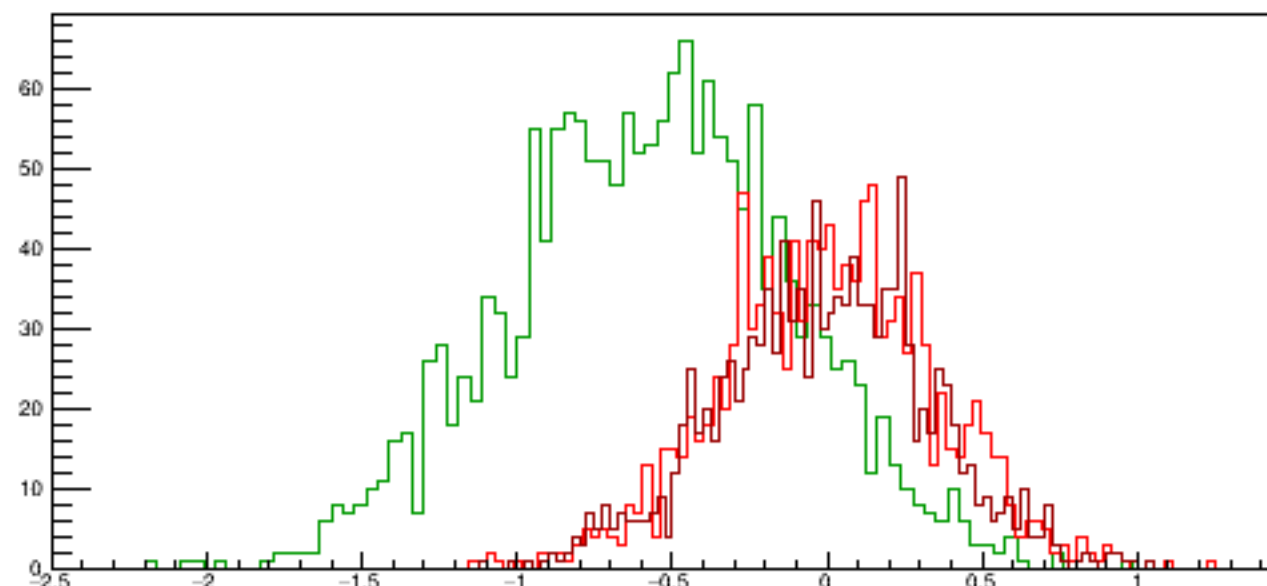
Std Dev: 0.4565 +/- 0.0076

Entries: 1225

Mean: -0.0095 +/- 0.0097

Std Dev: 0.3404 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 9, Sums

Entries: 1226

Mean: 6.1895 +/- 0.0108

Std Dev: 0.3795 +/- 0.0077

Entries: 1807

Mean: 23.7822 +/- 0.0119

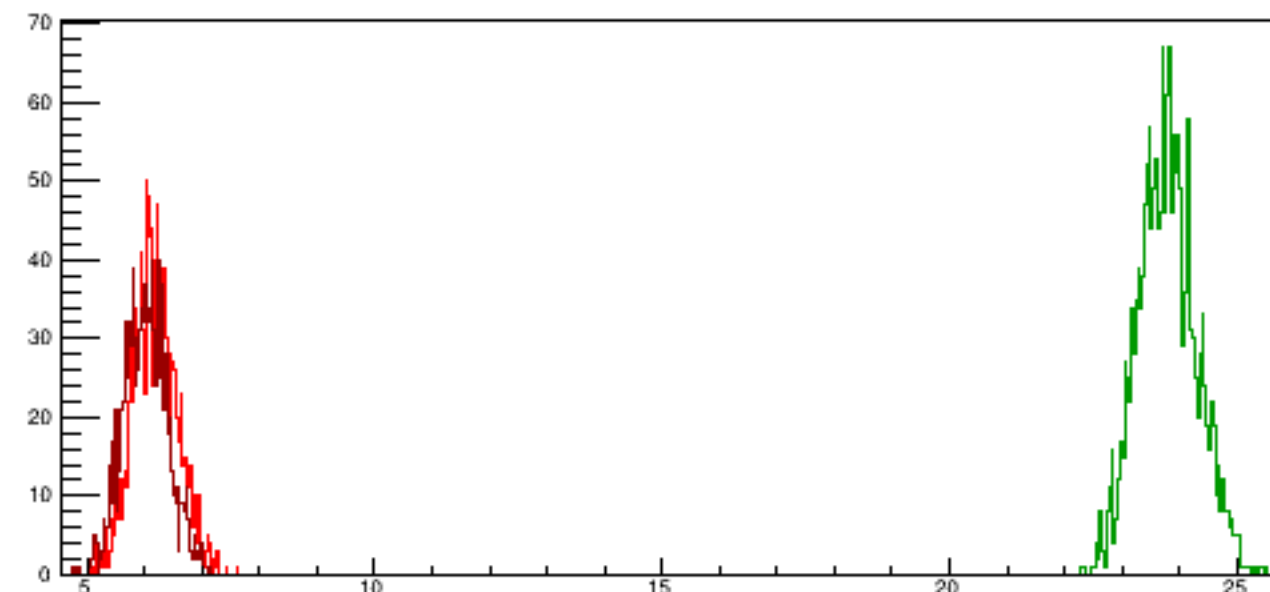
Std Dev: 0.5043 +/- 0.0084

Entries: 1225

Mean: 6.0160 +/- 0.0108

Std Dev: 0.3775 +/- 0.0076

Run 6173 quartetwise, Sums



Cycle 9, Asyms

Entries: 1226

Mean: 0.0001 +/- 0.0006

Std Dev: 0.0196 +/- 0.0004

Entries: 1807

Mean: -0.0323 +/- 0.0006

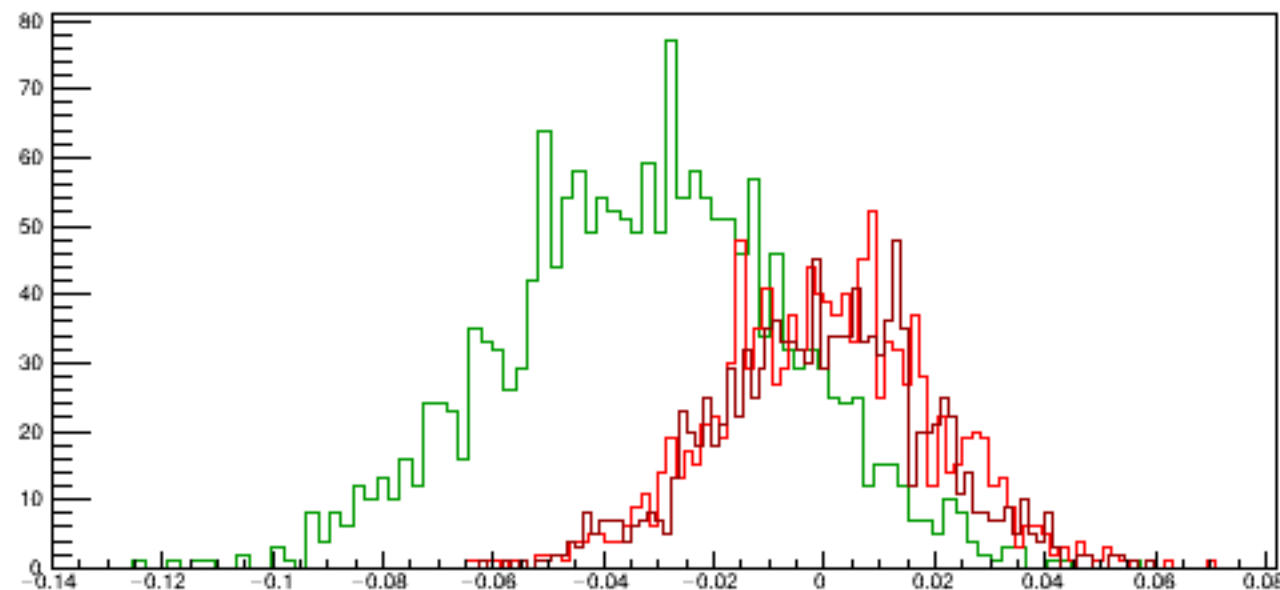
Std Dev: 0.0258 +/- 0.0004

Entries: 1225

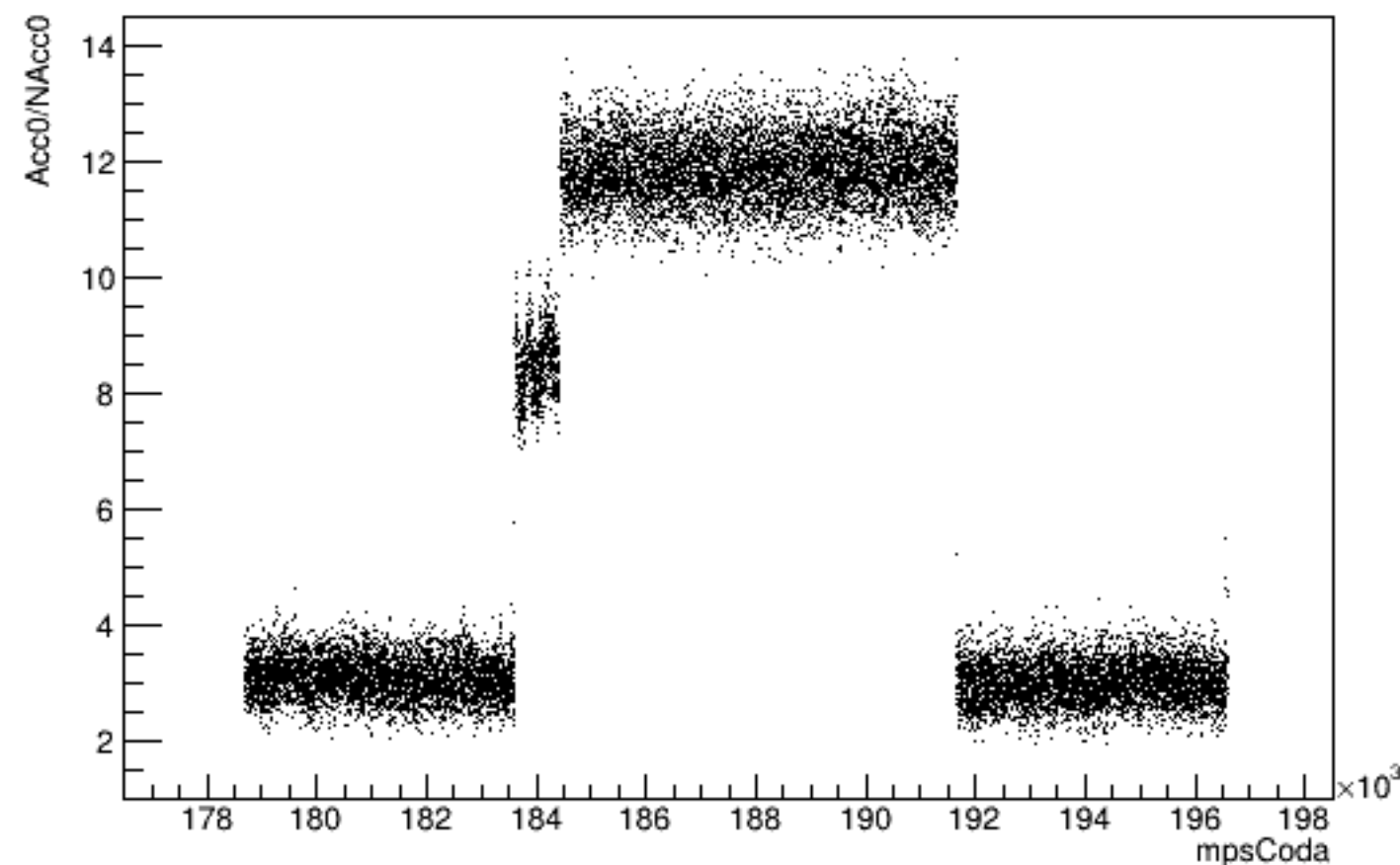
Mean: -0.0005 +/- 0.0006

Std Dev: 0.0193 +/- 0.0004

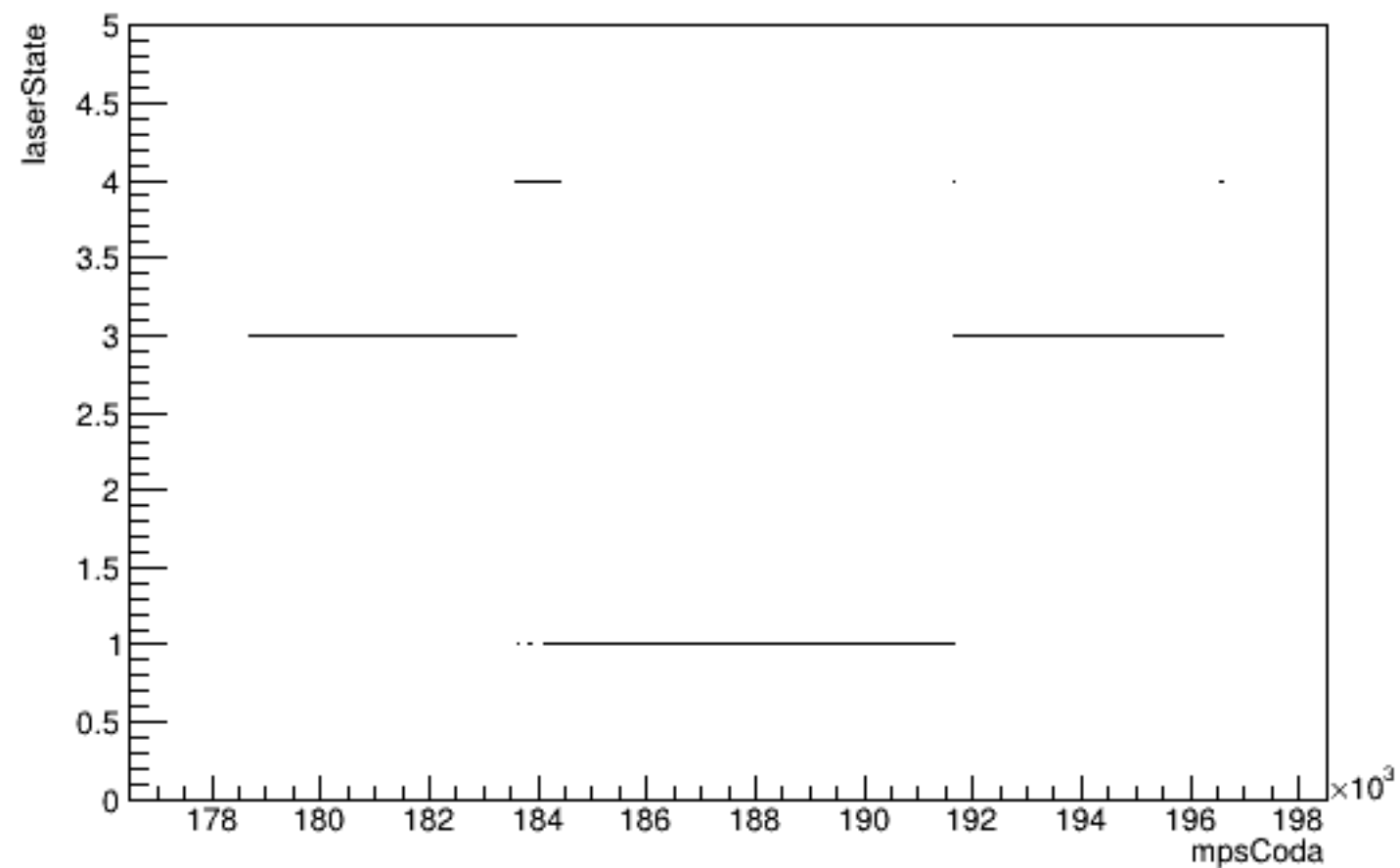
Run 6173 quartetwise, Asyms



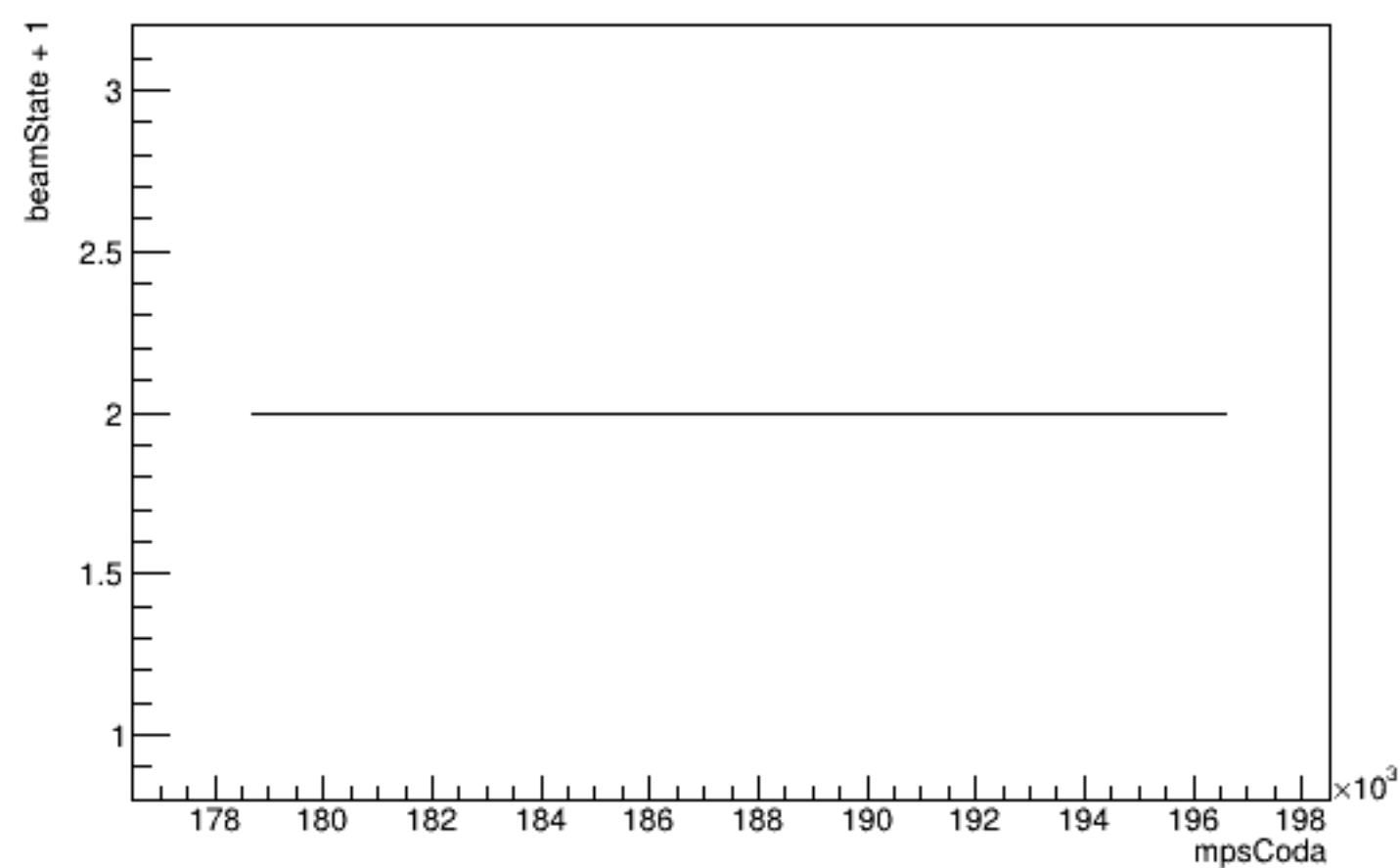
Acc0/NAcc0:mpsCoda (mpsCoda>=178697 && mpsCoda<=196584 && beamState==1)



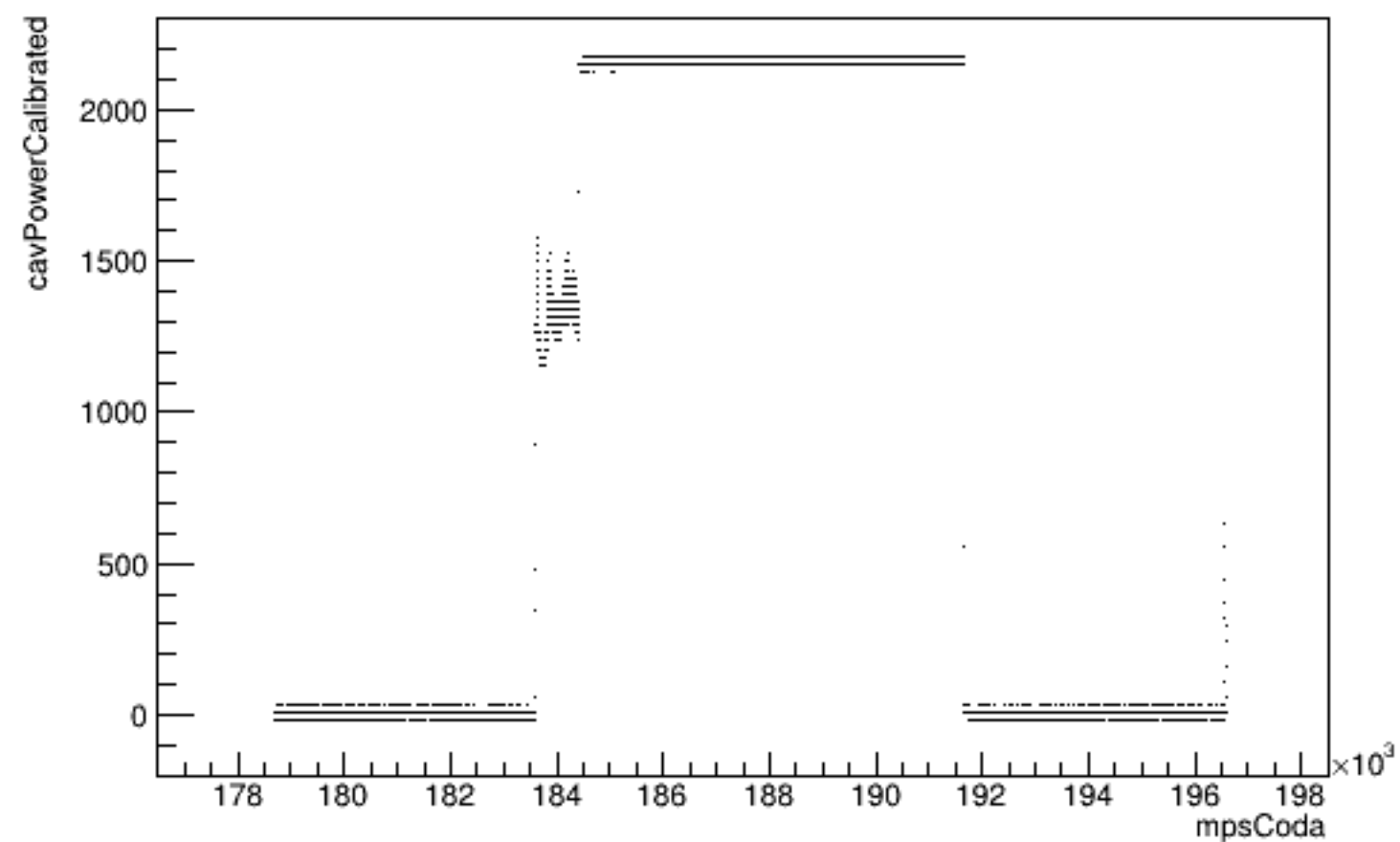
laserState:mpsCoda {mpsCoda>=178697 && mpsCoda<=196584}



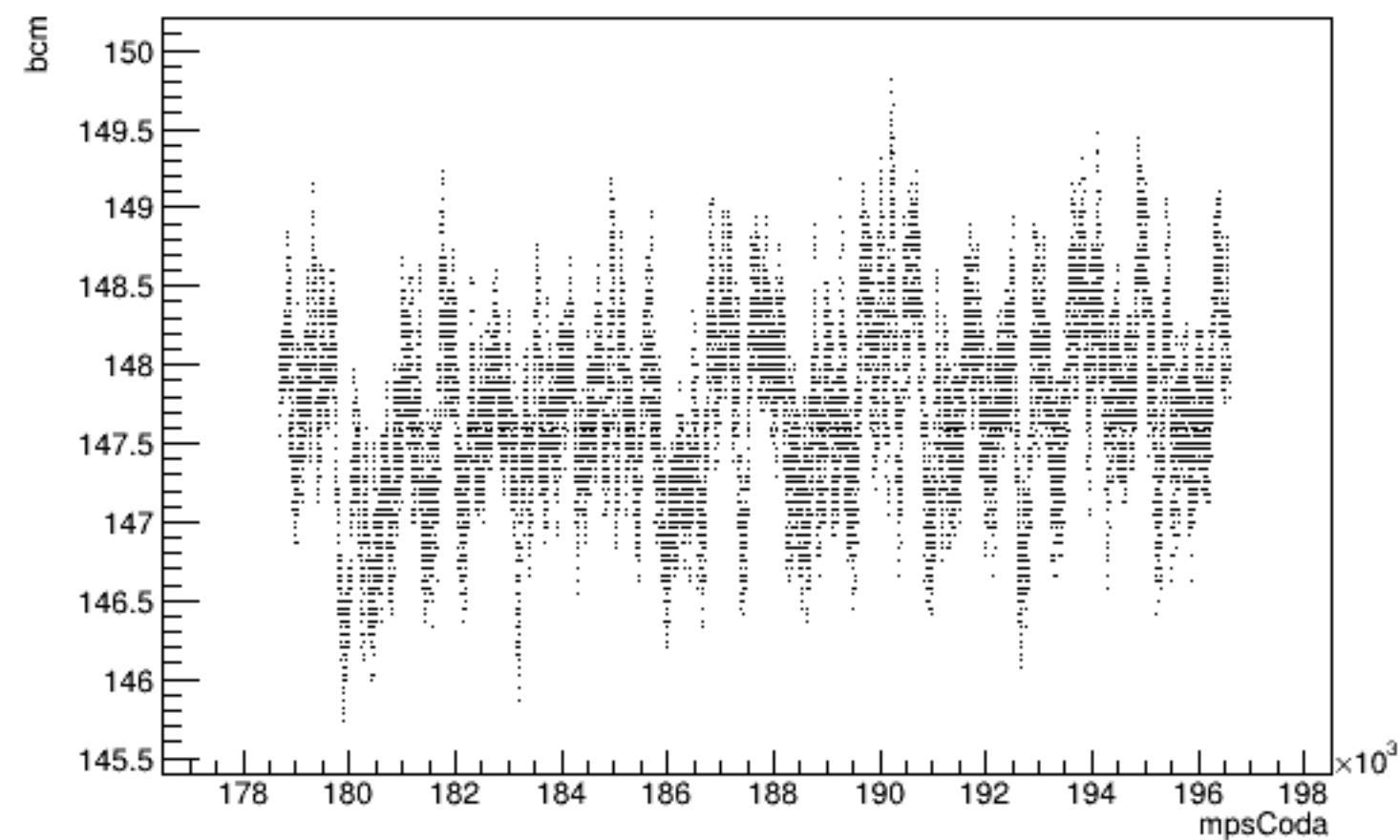
beamState + 1:mpsCoda {mpsCoda>=178697 && mpsCoda<=196584}



cavPowerCalibrated:mpsCoda {mpsCoda>=178697 && mpsCoda<=196584}



bcm:mpsCoda {mpsCoda>=178697 && mpsCoda<=196584}



Cycle 10, Diffs

Entries: 1225

Mean: -0.0095 +/- 0.0097

Std Dev: 0.3404 +/- 0.0069

Entries: 1811

Mean: -0.5777 +/- 0.0106

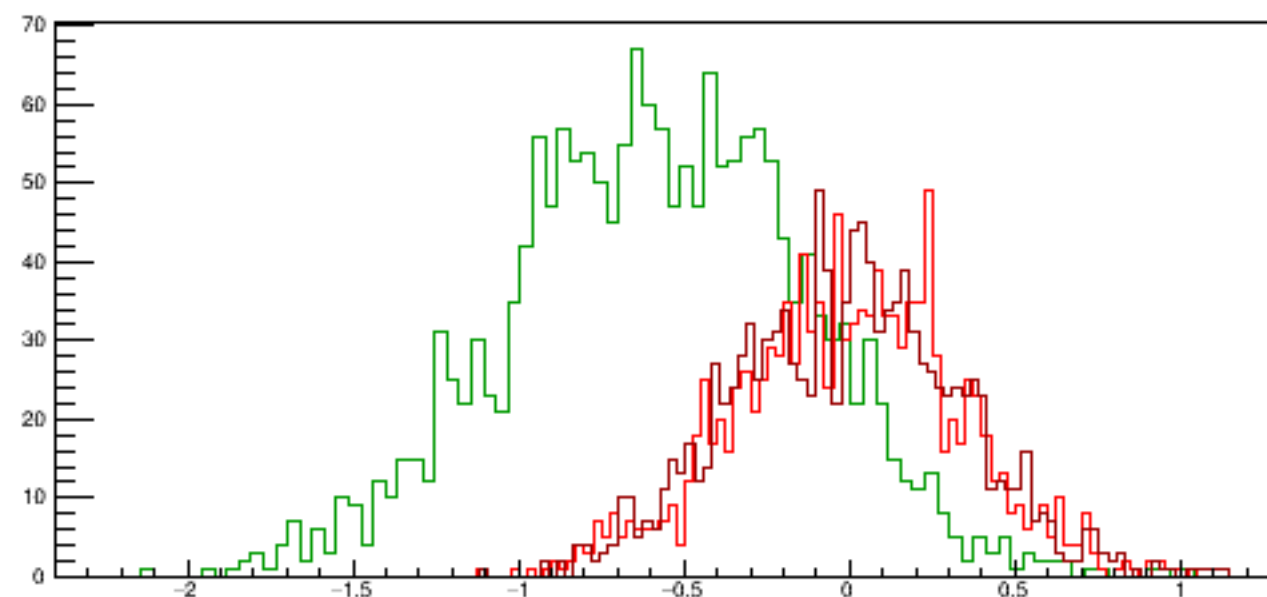
Std Dev: 0.4493 +/- 0.0075

Entries: 1229

Mean: -0.0112 +/- 0.0098

Std Dev: 0.3436 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 10, Sums

Entries: 1225

Mean: 6.0160 +/- 0.0108

Std Dev: 0.3775 +/- 0.0076

Entries: 1811

Mean: 24.0961 +/- 0.0126

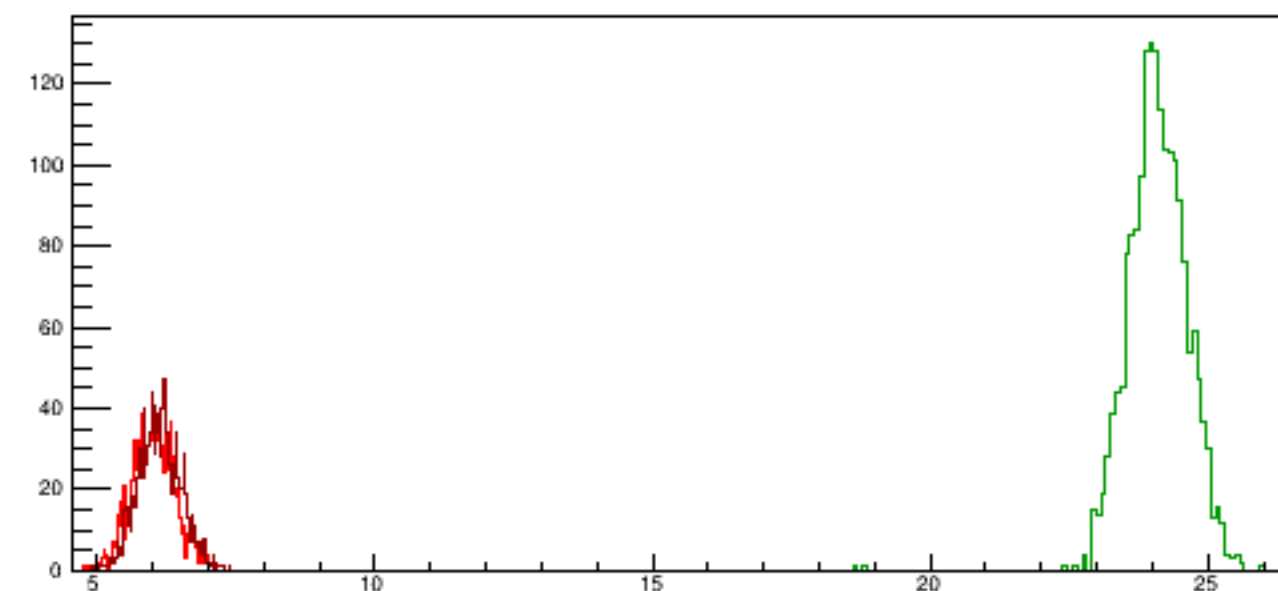
Std Dev: 0.5376 +/- 0.0089

Entries: 1229

Mean: 6.1268 +/- 0.0109

Std Dev: 0.3830 +/- 0.0077

Run 6173 quartetwise, Sums



Cycle 10, Asyms

Entries: 1225

Mean: -0.0005 +/- 0.0005

Std Dev: 0.0189 +/- 0.0004

Entries: 1811

Mean: -0.0321 +/- 0.0006

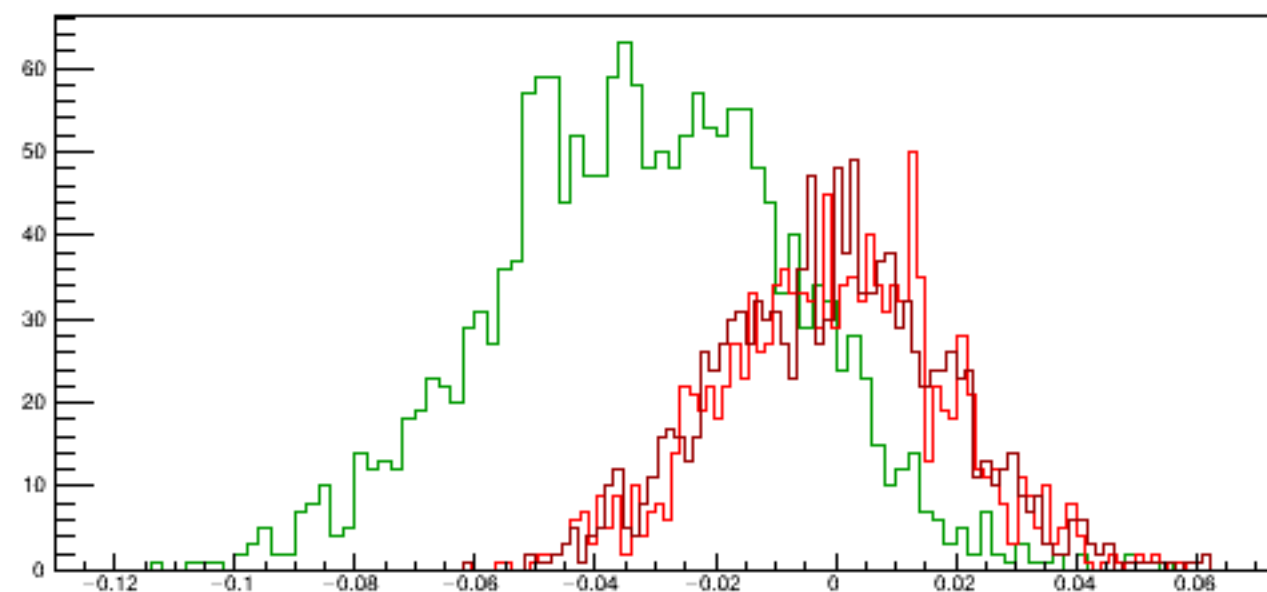
Std Dev: 0.0249 +/- 0.0004

Entries: 1229

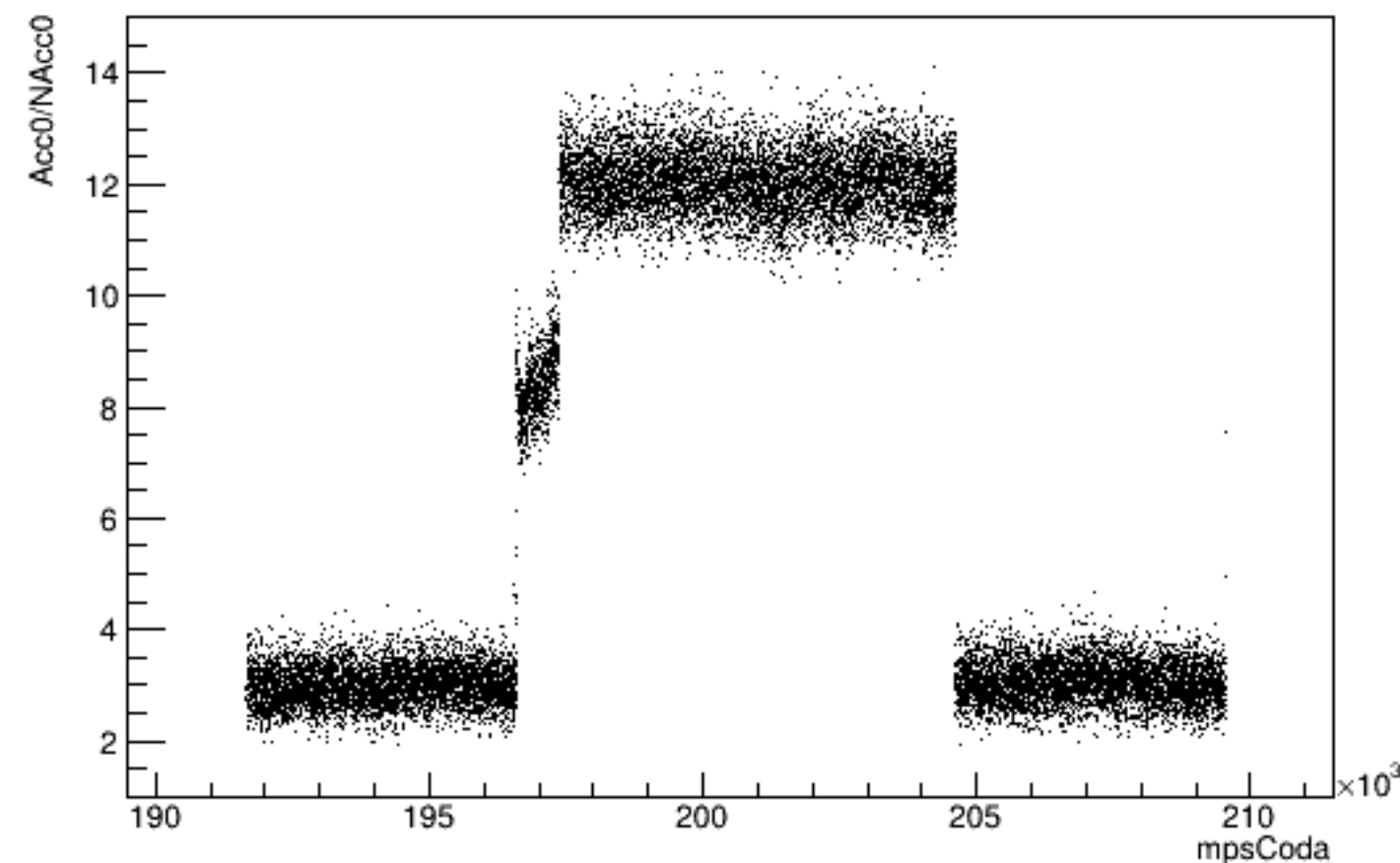
Mean: -0.0006 +/- 0.0005

Std Dev: 0.0191 +/- 0.0004

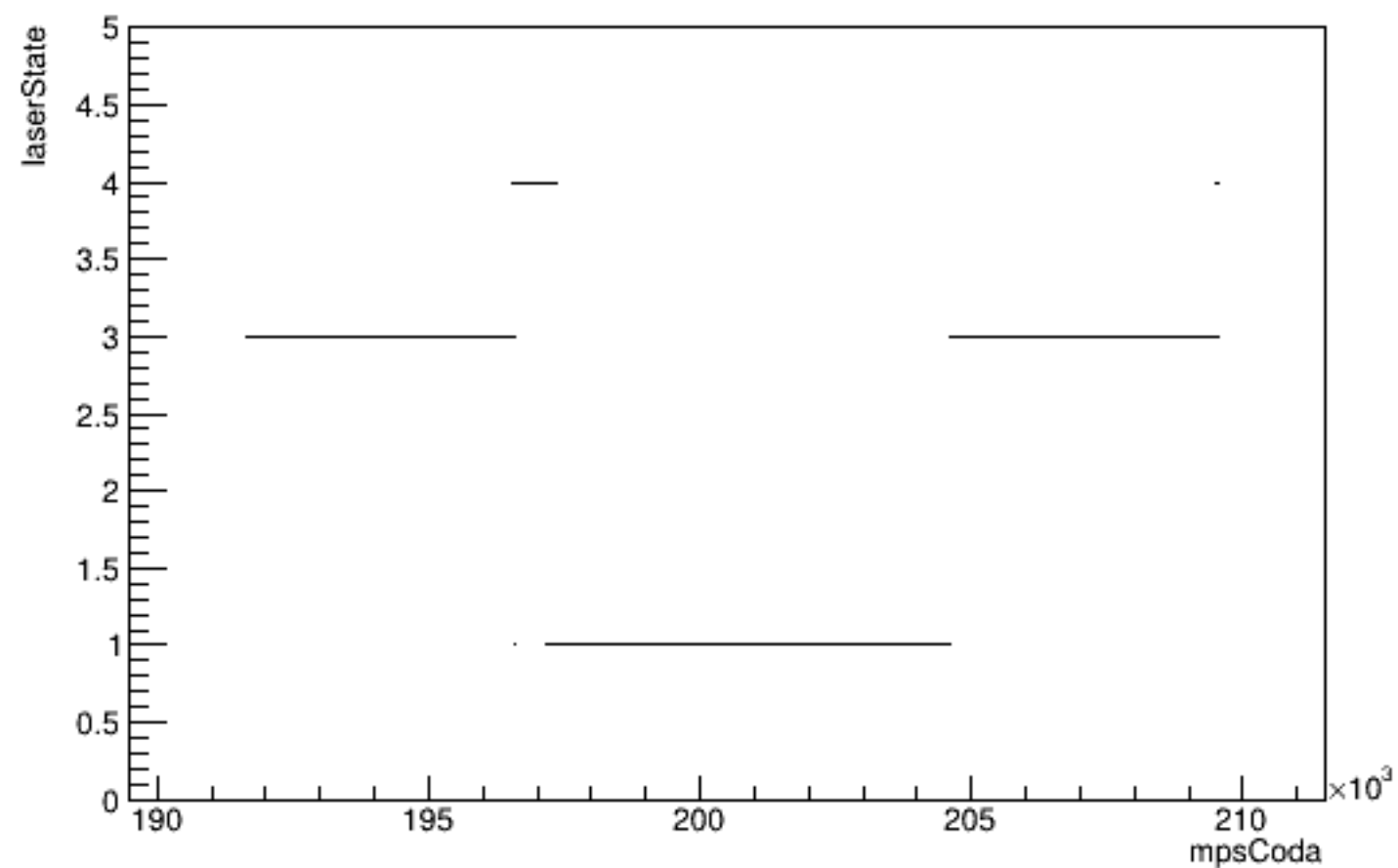
Run 6173 quartetwise, Asyms



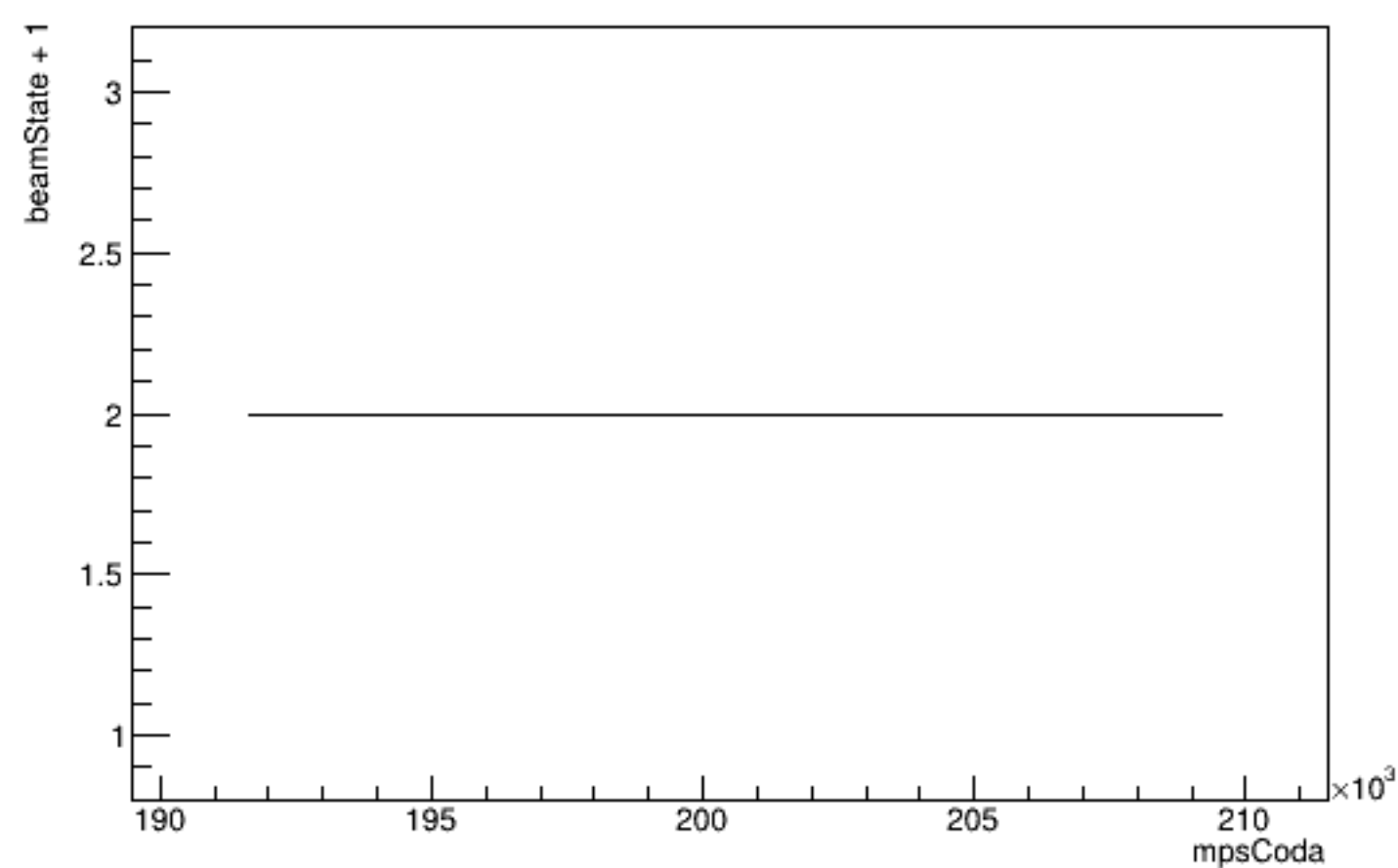
Acc0/NAcc0:mpsCoda (mpsCoda>=191661 && mpsCoda<=209544 && beamState==1)



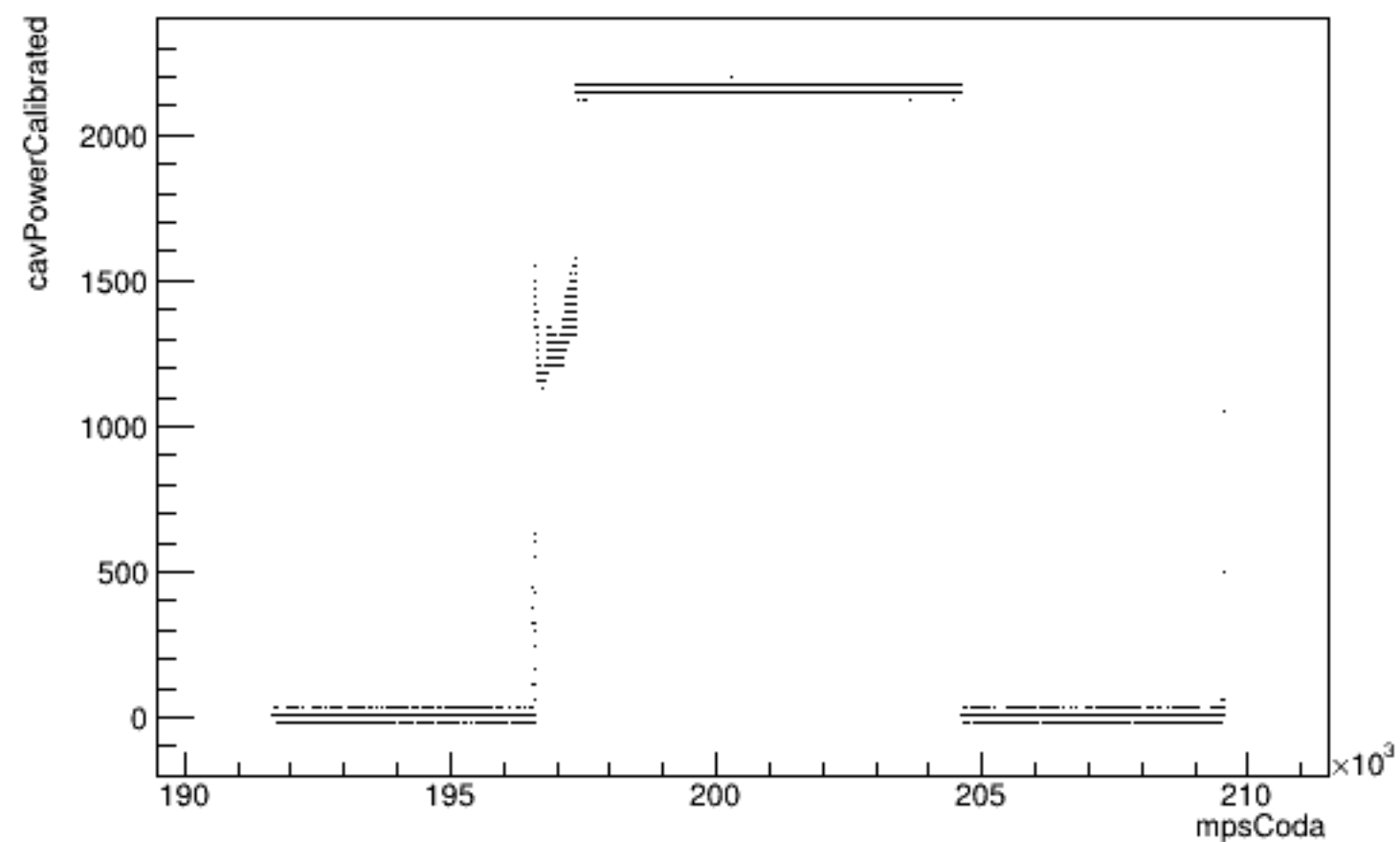
laserState:mpsCoda {mpsCoda>=191661 && mpsCoda<=209544}



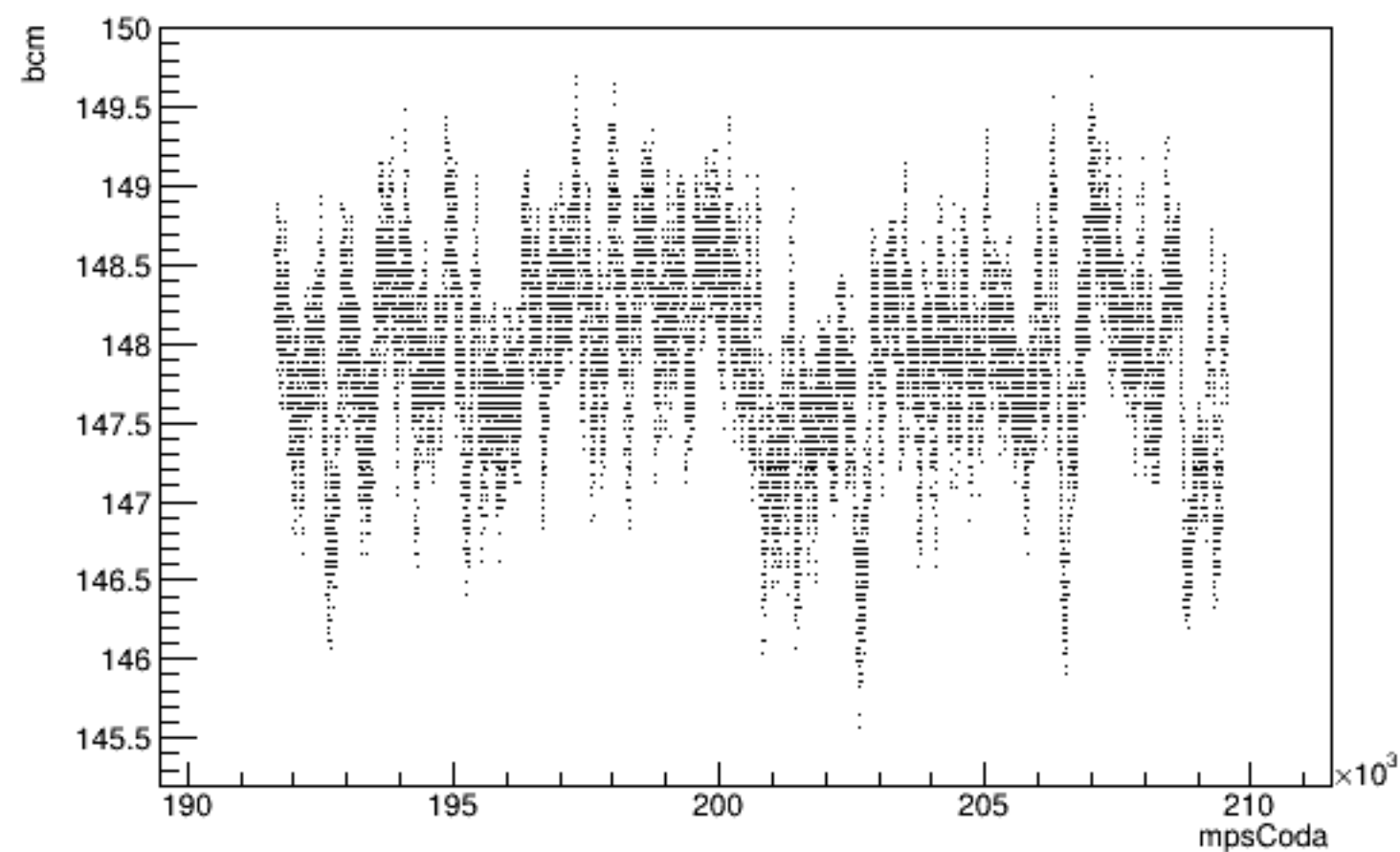
beamState + 1:mpsCoda {mpsCoda>=191661 && mpsCoda<=209544}



cavPowerCalibrated:mpsCoda {mpsCoda>=191661 && mpsCoda<=209544}



bcm:mpsCoda {mpsCoda>=191661 && mpsCoda<=209544}



Cycle 11, Diffs

Entries: 1229

Mean: -0.0112 +/- 0.0098

Std Dev: 0.3436 +/- 0.0069

Entries: 1806

Mean: -0.5693 +/- 0.0104

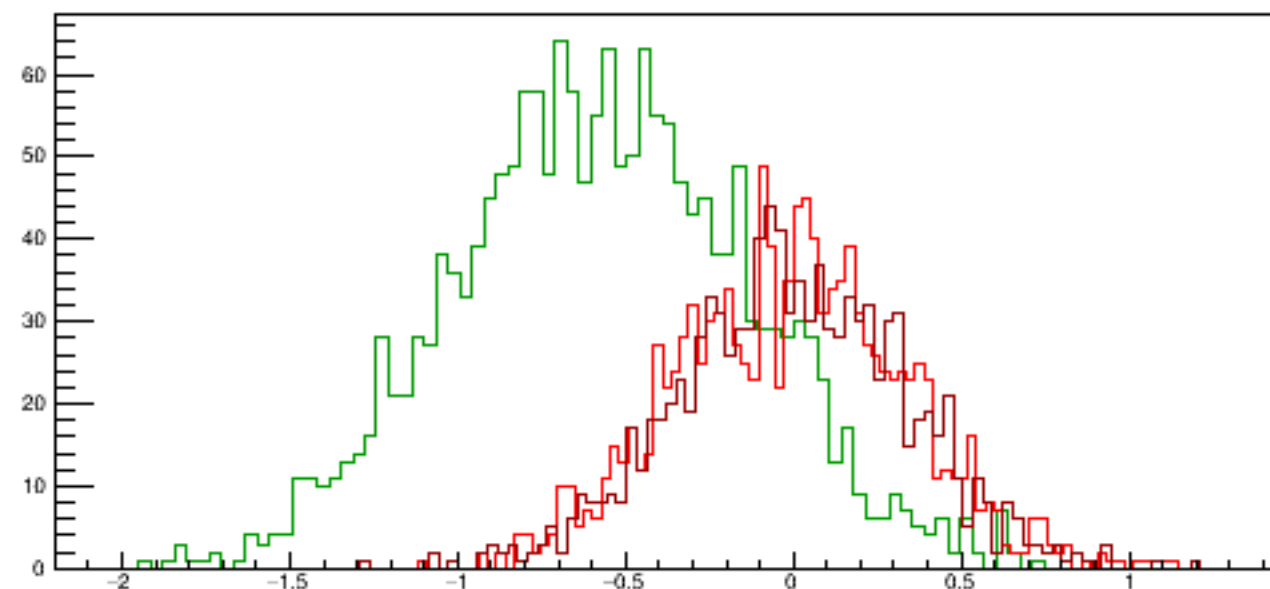
Std Dev: 0.4410 +/- 0.0073

Entries: 1032

Mean: -0.0080 +/- 0.0107

Std Dev: 0.3436 +/- 0.0076

Run 6173 quartetwise, Diffs



Cycle 11, Sums

Entries: 1229

Mean: 6.1268 +/- 0.0109

Std Dev: 0.3830 +/- 0.0077

Entries: 1806

Mean: 24.1238 +/- 0.0118

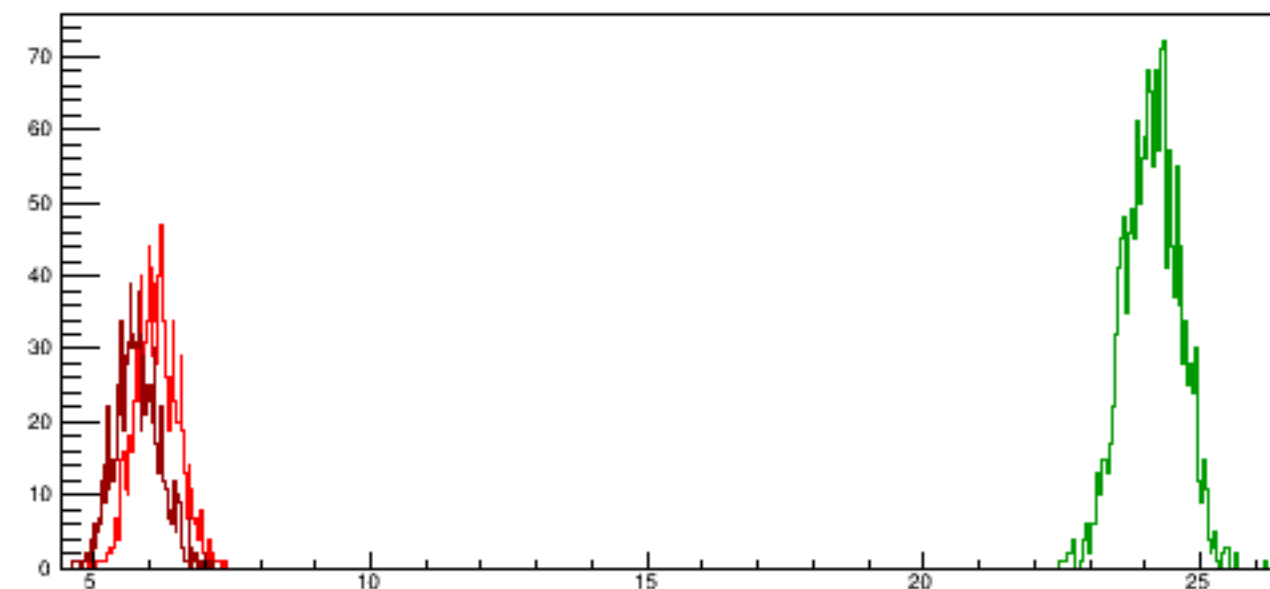
Std Dev: 0.4999 +/- 0.0083

Entries: 1032

Mean: 5.7840 +/- 0.0124

Std Dev: 0.3991 +/- 0.0088

Run 6173 quartetwise, Sums



Cycle 11, Asyms

Entries: 1229

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0189 +/- 0.0004

Entries: 1806

Mean: -0.0313 +/- 0.0006

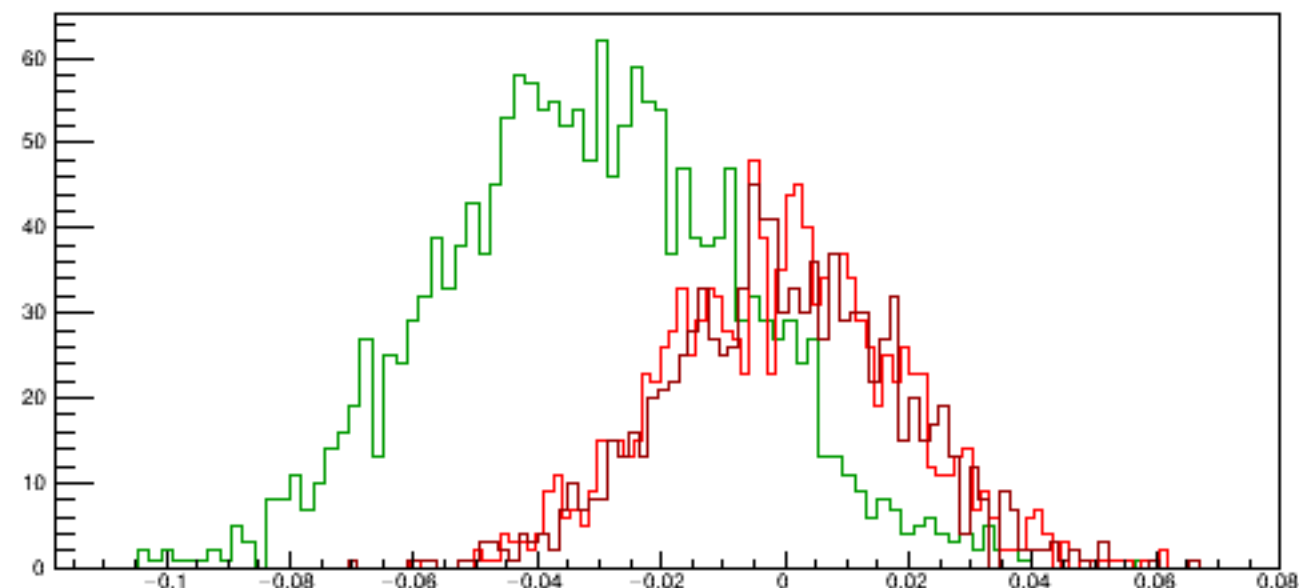
Std Dev: 0.0243 +/- 0.0004

Entries: 1032

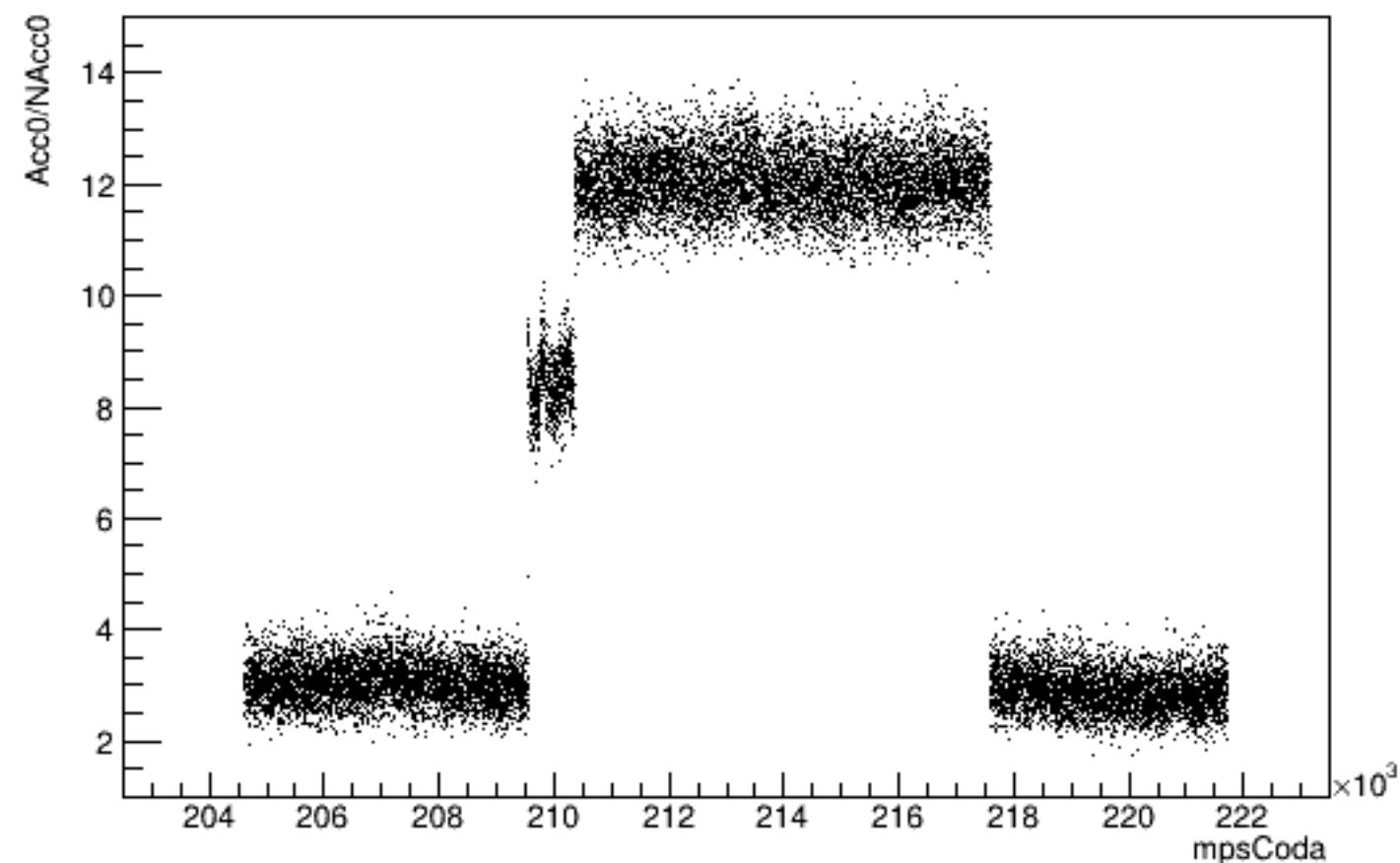
Mean: -0.0004 +/- 0.0006

Std Dev: 0.0189 +/- 0.0004

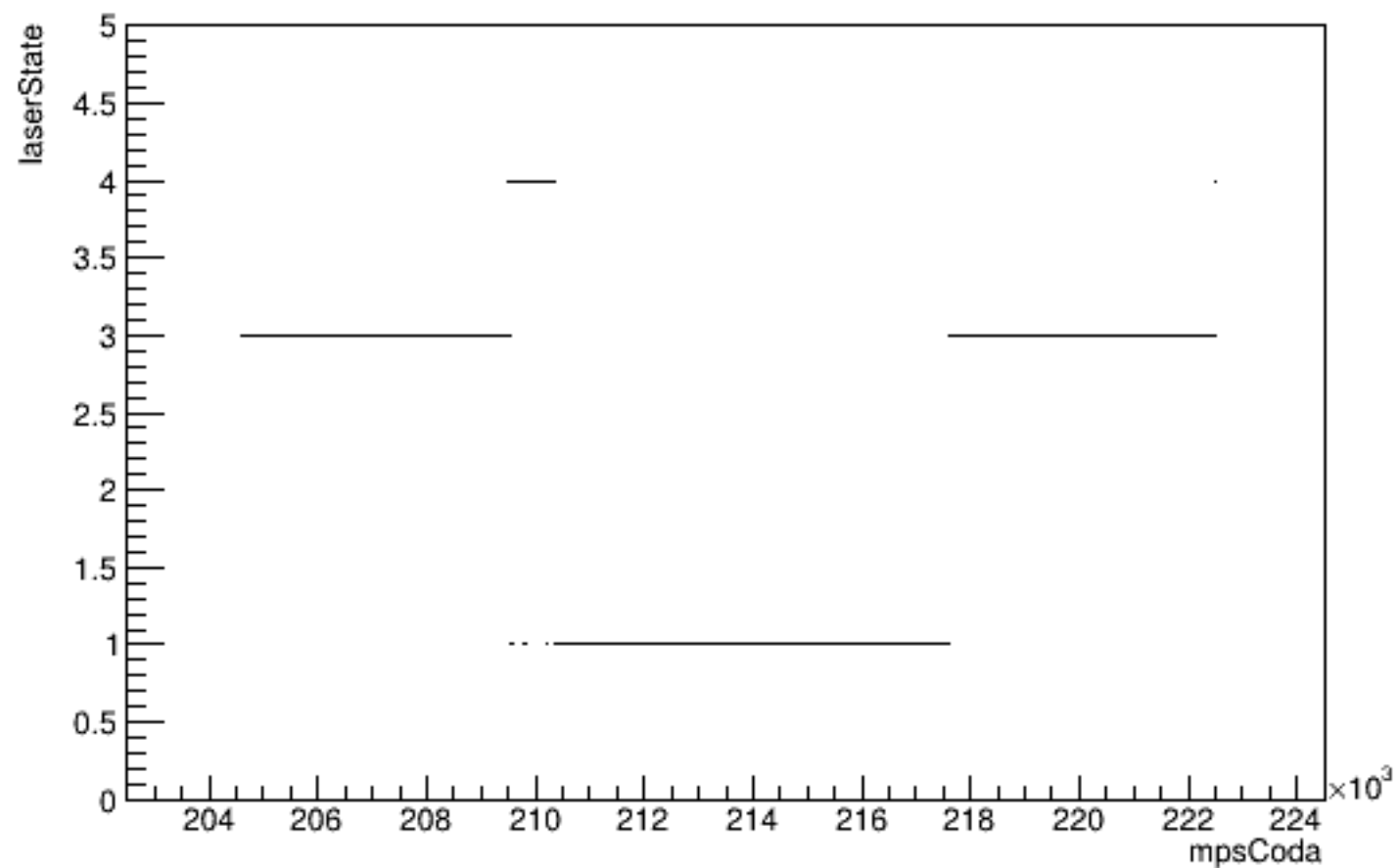
Run 6173 quartetwise, Asyms



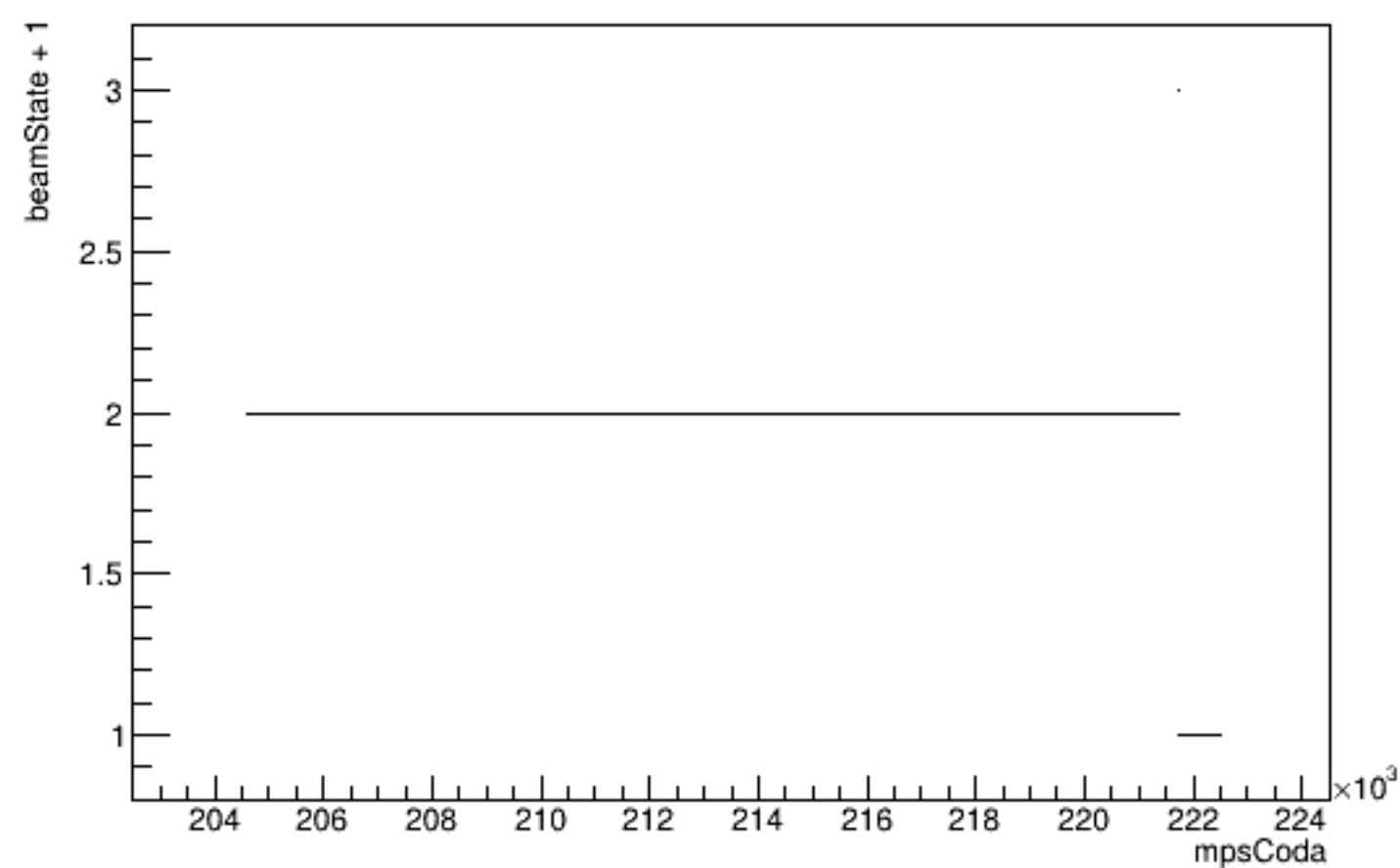
Acc0/NAcc0:mpsCoda (mpsCoda>=204617 && mpsCoda<=222516 && beamState==1)



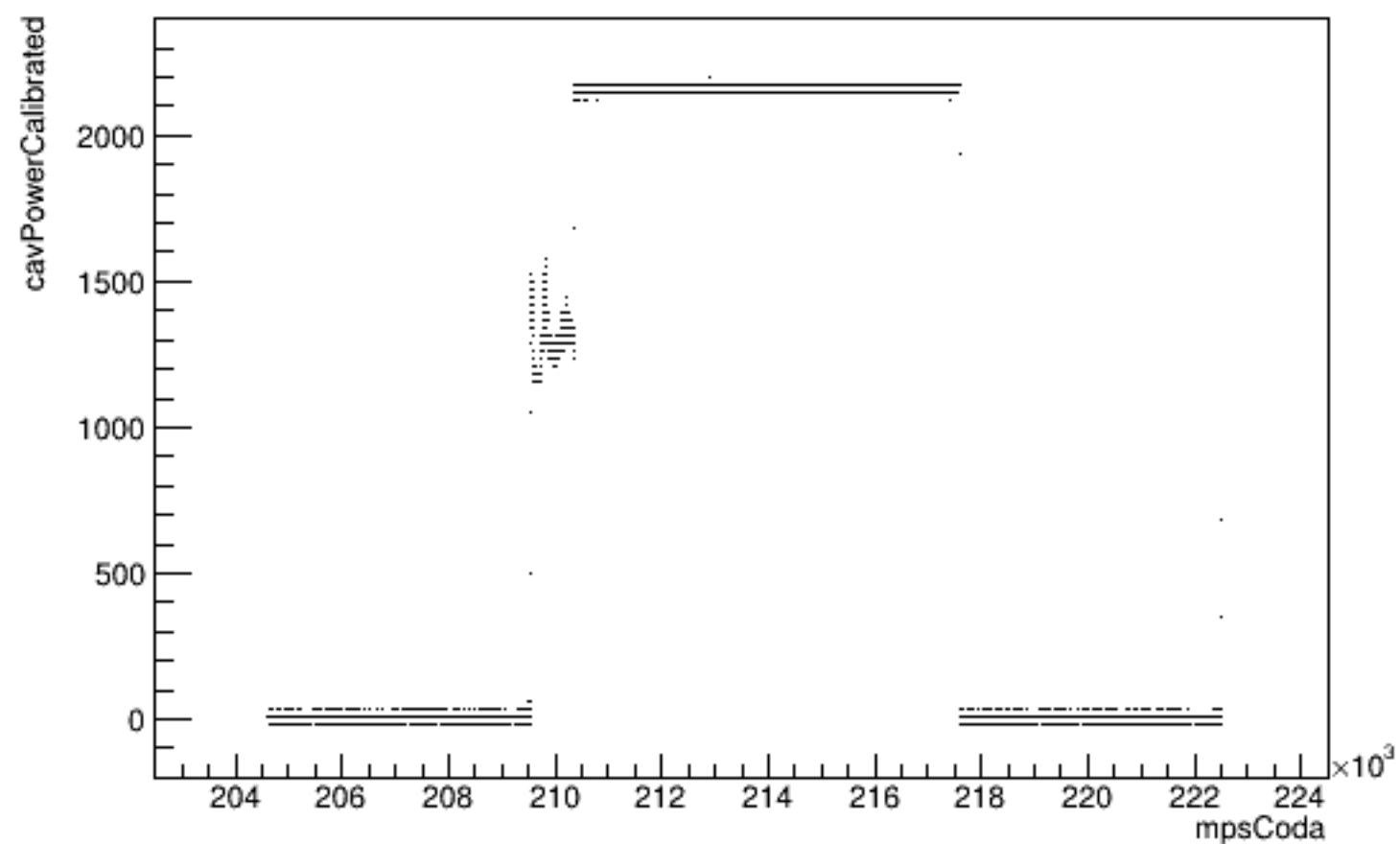
laserState:mpsCoda {mpsCoda>=204617 && mpsCoda<=222516}



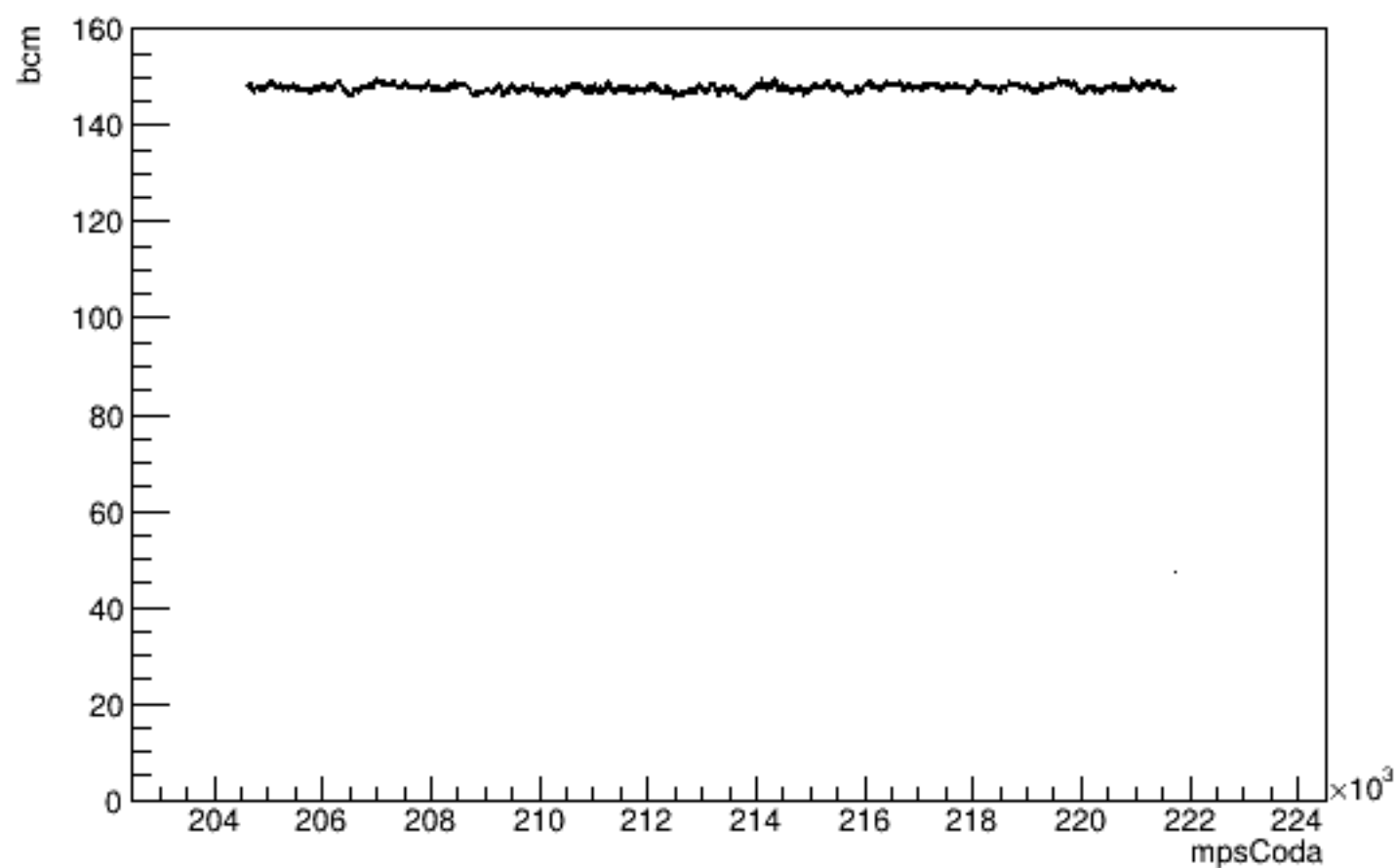
beamState + 1:mpsCoda {mpsCoda>=204617 && mpsCoda<=222516}



cavPowerCalibrated:mpsCoda {mpsCoda>=204617 && mpsCoda<=222516}



bcm:mpsCoda {mpsCoda>=204617 && mpsCoda<=222516}



Cycle 12, Diffs

Entries: 1229

Mean: -0.0103 +/- 0.0096

Std Dev: 0.3372 +/- 0.0068

Entries: 1806

Mean: -0.5812 +/- 0.0106

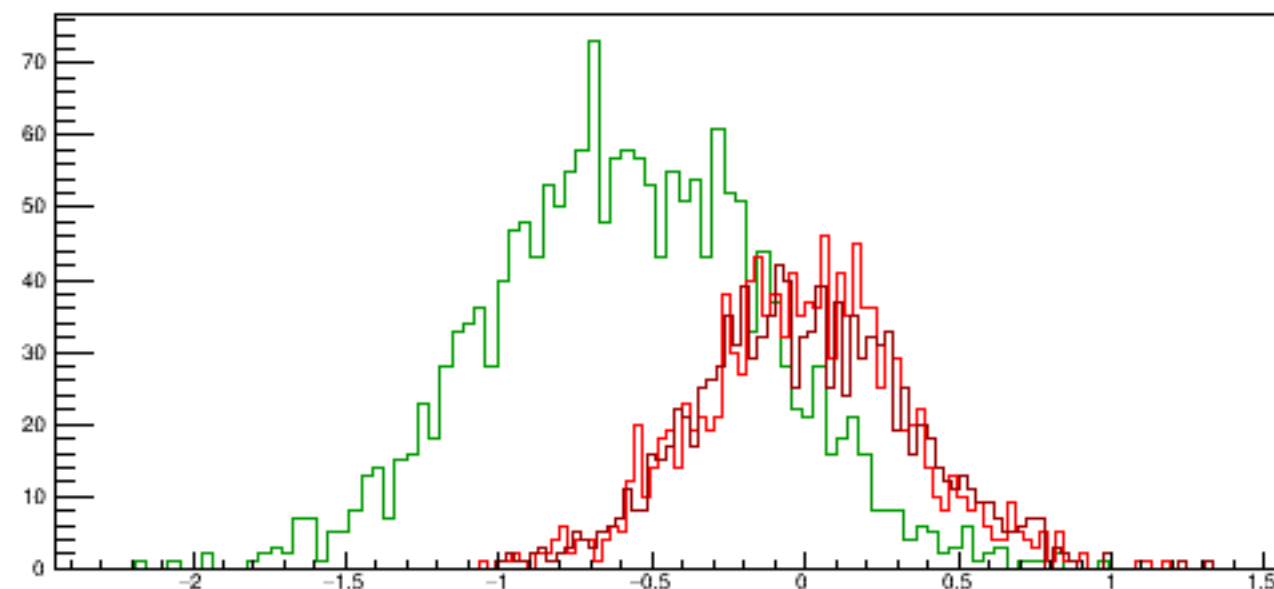
Std Dev: 0.4512 +/- 0.0075

Entries: 1142

Mean: -0.0056 +/- 0.0103

Std Dev: 0.3479 +/- 0.0073

Run 6173 quartetwise, Diffs



Cycle 12, Sums

Entries: 1229

Mean: 5.7688 +/- 0.0104

Std Dev: 0.3638 +/- 0.0073

Entries: 1806

Mean: 23.8702 +/- 0.0120

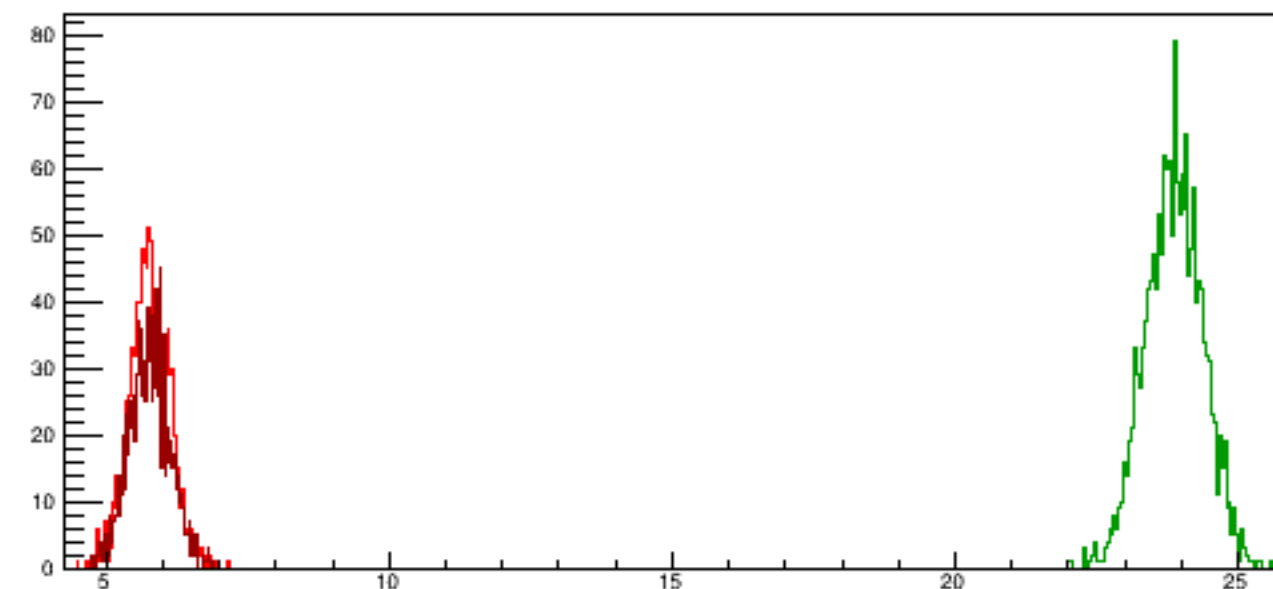
Std Dev: 0.5112 +/- 0.0085

Entries: 1142

Mean: 5.7560 +/- 0.0108

Std Dev: 0.3665 +/- 0.0077

Run 6173 quartetwise, Sums



Cycle 12, Asyms

Entries: 1229

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0186 +/- 0.0004

Entries: 1806

Mean: -0.0321 +/- 0.0006

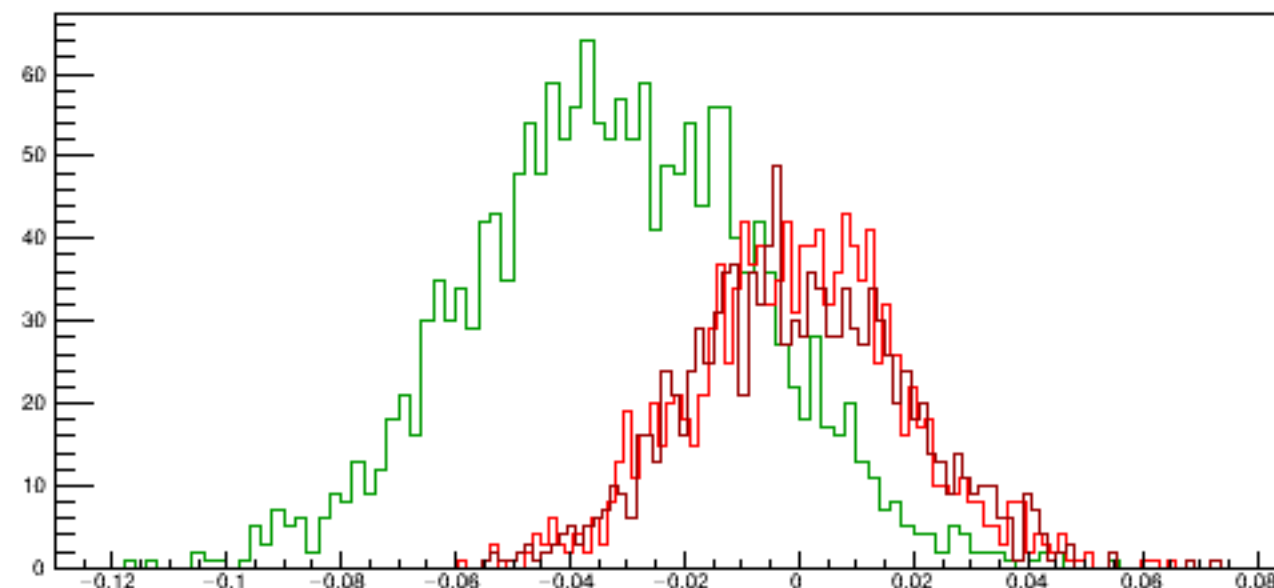
Std Dev: 0.0250 +/- 0.0004

Entries: 1142

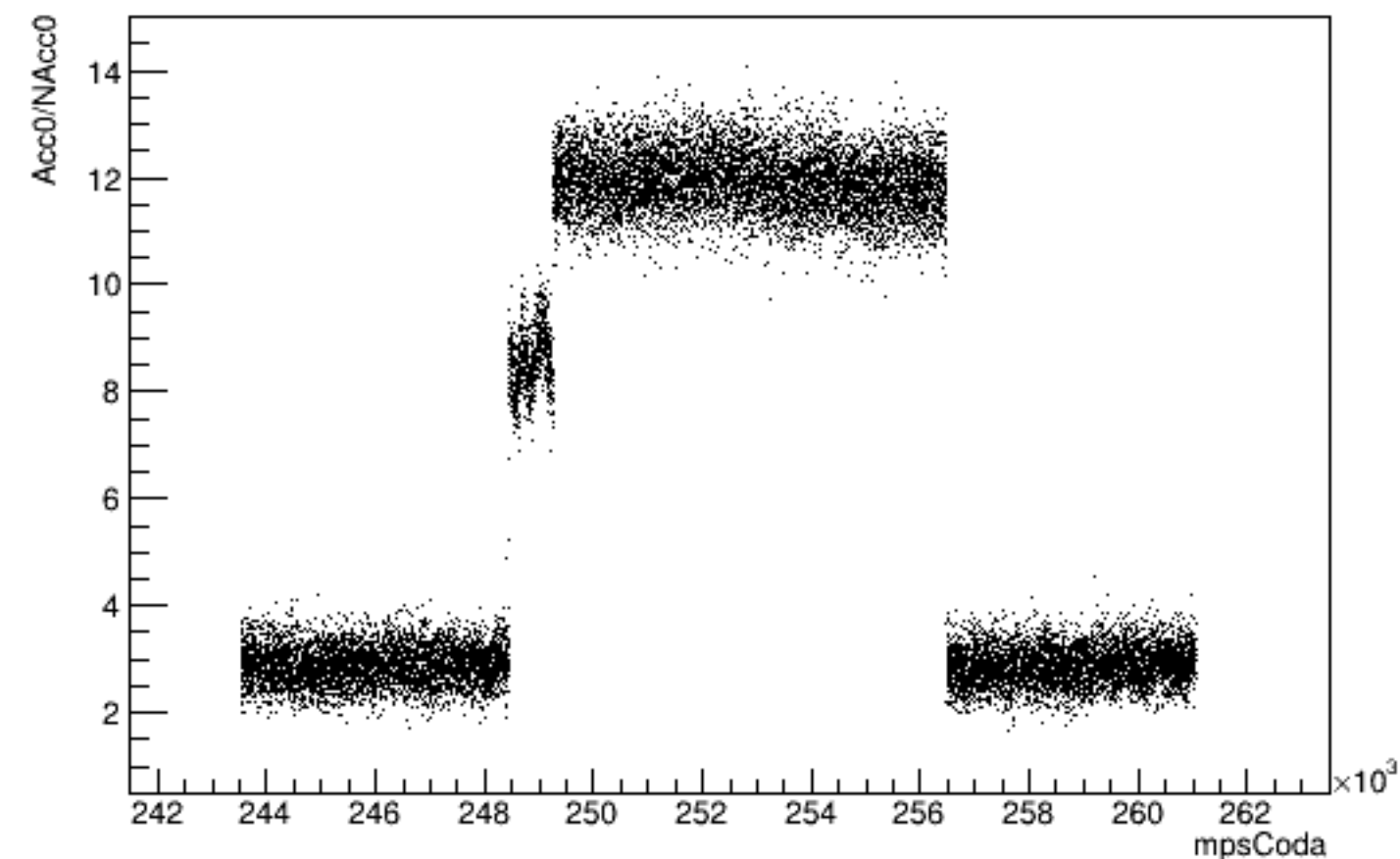
Mean: -0.0003 +/- 0.0006

Std Dev: 0.0192 +/- 0.0004

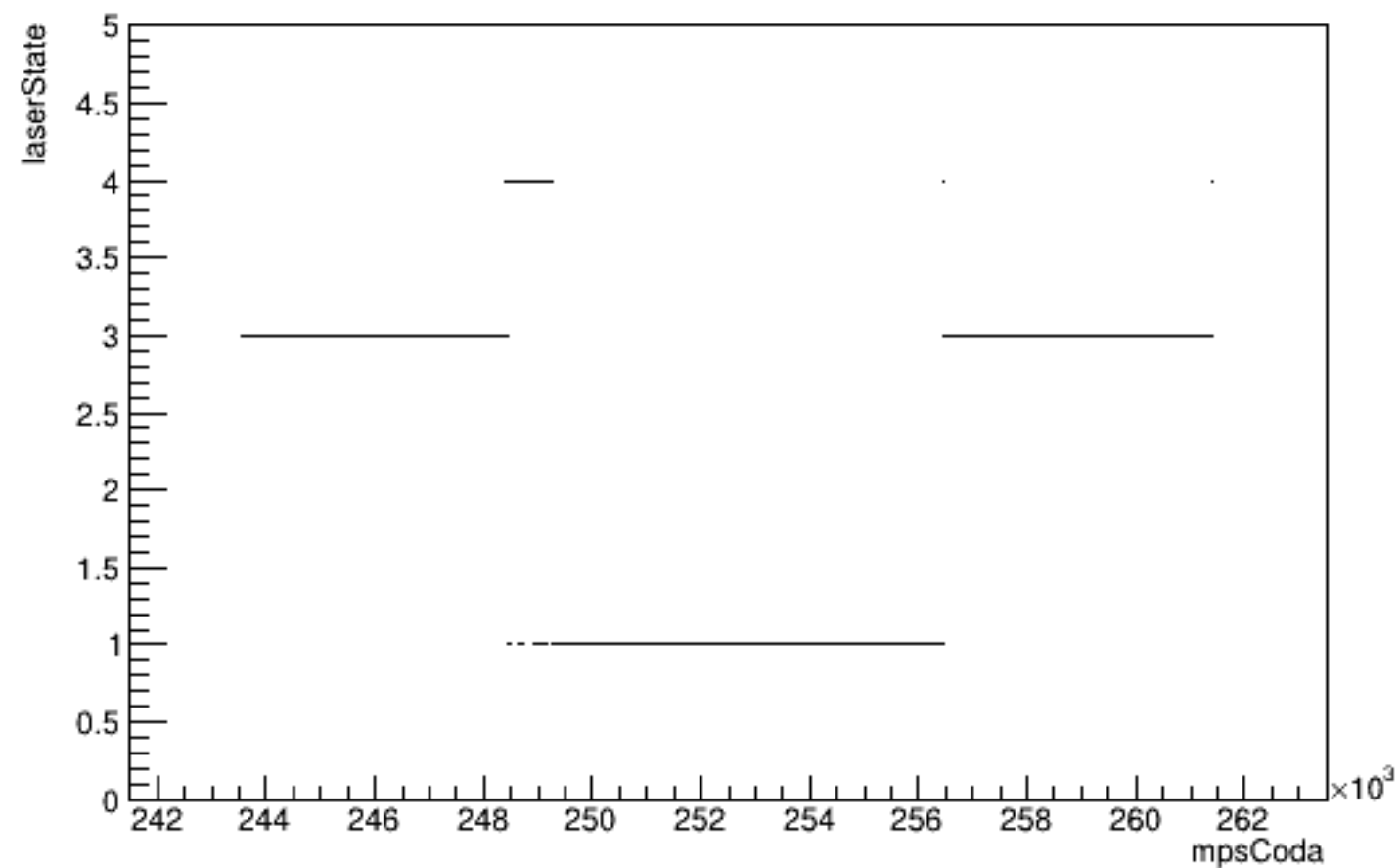
Run 6173 quartetwise, Asyms



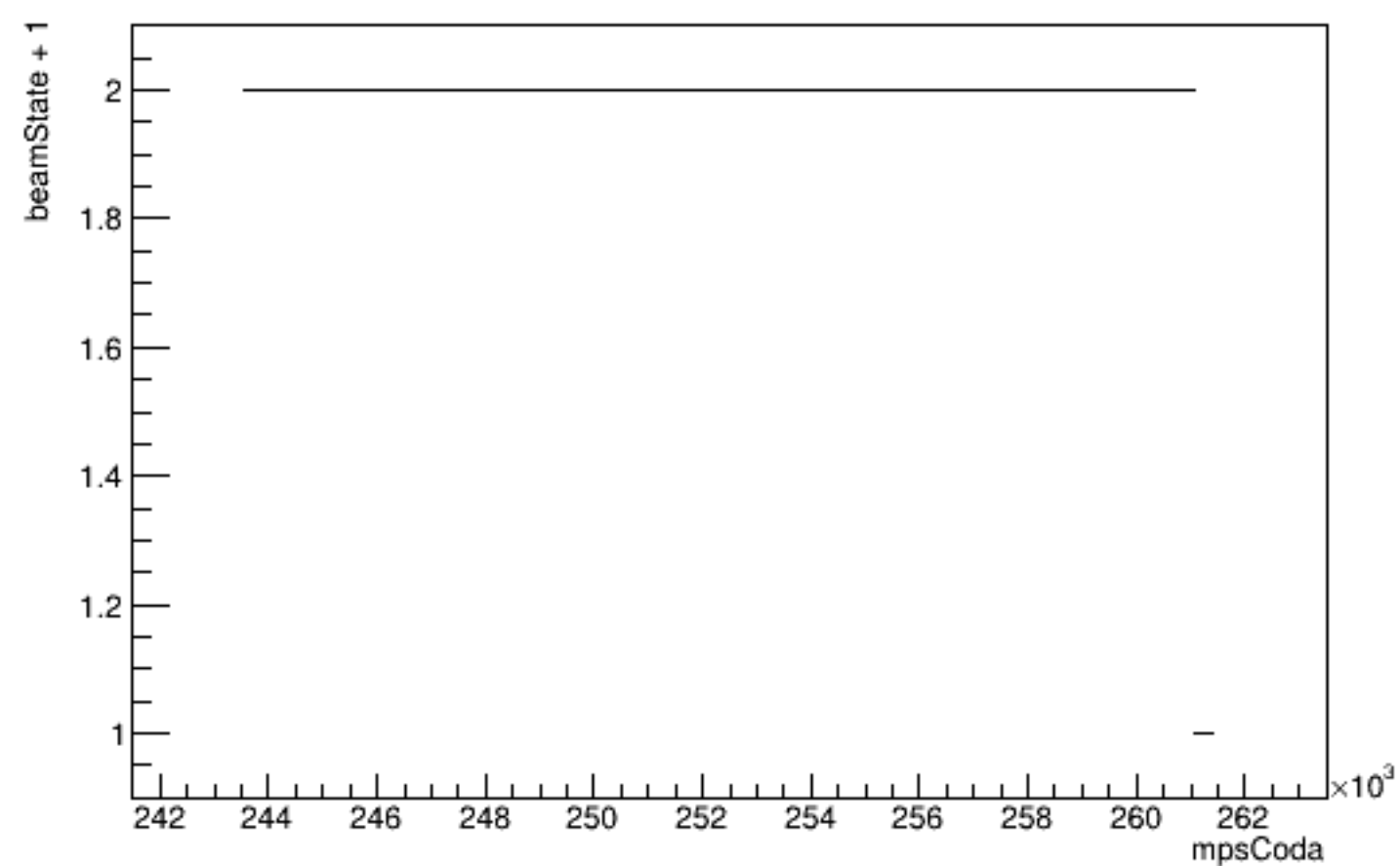
Acc0/NAcc0:mpsCoda (mpsCoda>=243525 && mpsCoda<=261420 && beamState==1)



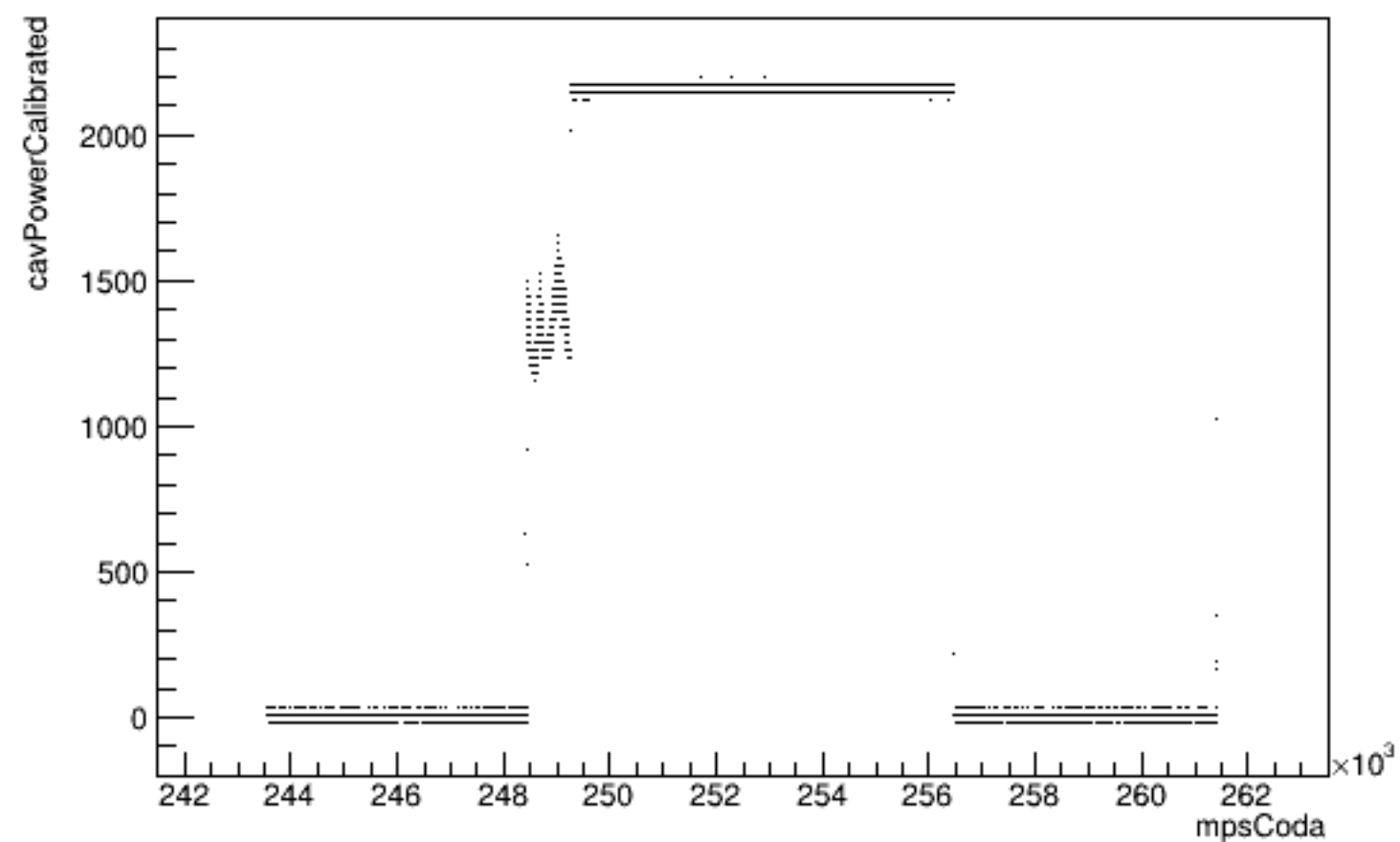
laserState:mpsCoda {mpsCoda>=243525 && mpsCoda<=261420}



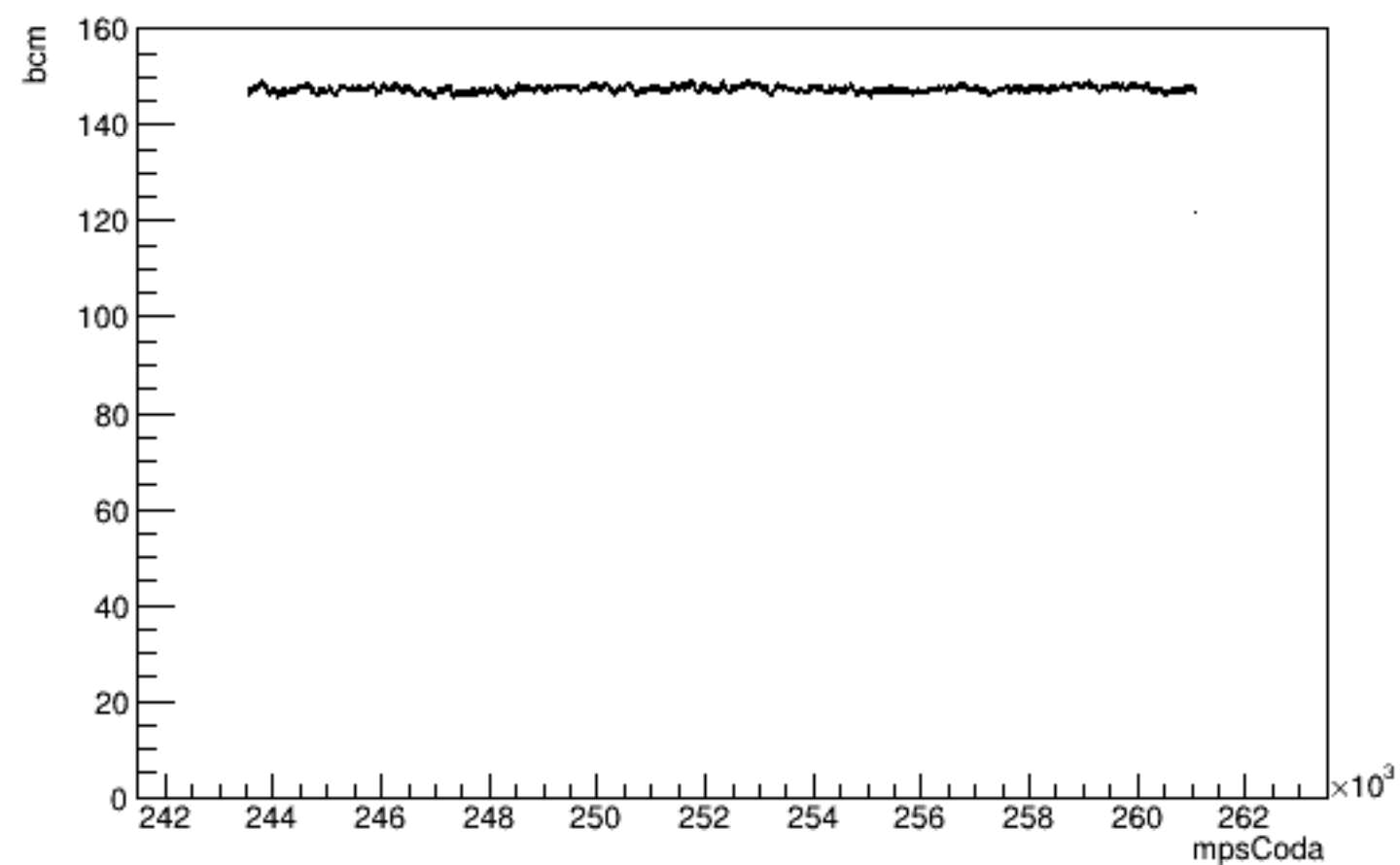
beamState + 1:mpsCoda {mpsCoda>=243525 && mpsCoda<=261420}



cavPowerCalibrated:mpsCoda {mpsCoda>=243525 && mpsCoda<=261420}



bcm:mpsCoda {mpsCoda>=243525 && mpsCoda<=261420}



Cycle 13, Diffs

Entries: 1848

Mean: -0.0049 +/- 0.0079

Std Dev: 0.3415 +/- 0.0056

Entries: 1807

Mean: -0.5717 +/- 0.0105

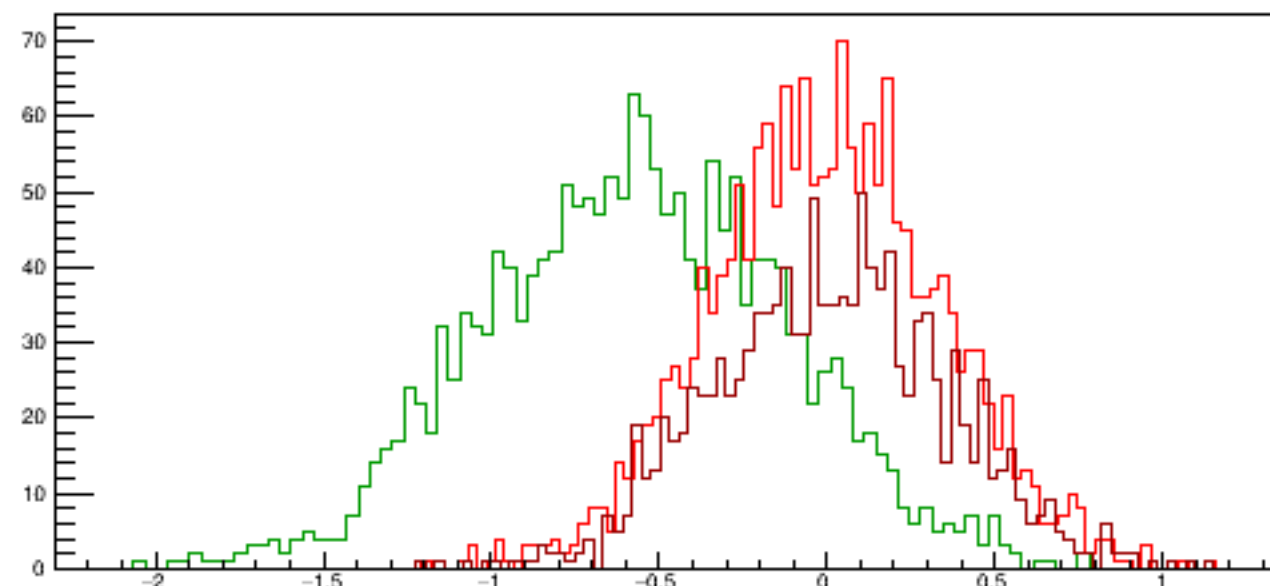
Std Dev: 0.4482 +/- 0.0075

Entries: 1223

Mean: 0.0080 +/- 0.0099

Std Dev: 0.3461 +/- 0.0070

Run 6173 quartetwise, Diffs



Cycle 13, Sums

Entries: 1848

Mean: 5.9635 +/- 0.0088

Std Dev: 0.3803 +/- 0.0063

Entries: 1807

Mean: 24.1396 +/- 0.0114

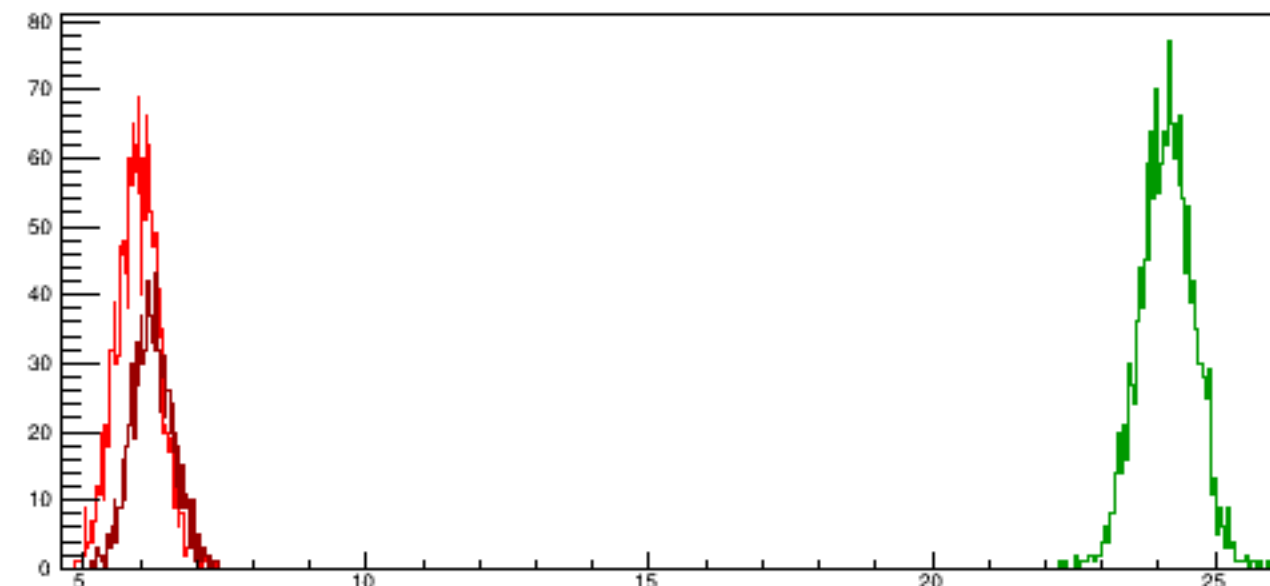
Std Dev: 0.4836 +/- 0.0080

Entries: 1223

Mean: 6.2074 +/- 0.0104

Std Dev: 0.3636 +/- 0.0074

Run 6173 quartetwise, Sums



Cycle 13, Asyms

Entries: 1848

Mean: -0.0003 +/- 0.0004

Std Dev: 0.0189 +/- 0.0003

Entries: 1807

Mean: -0.0317 +/- 0.0006

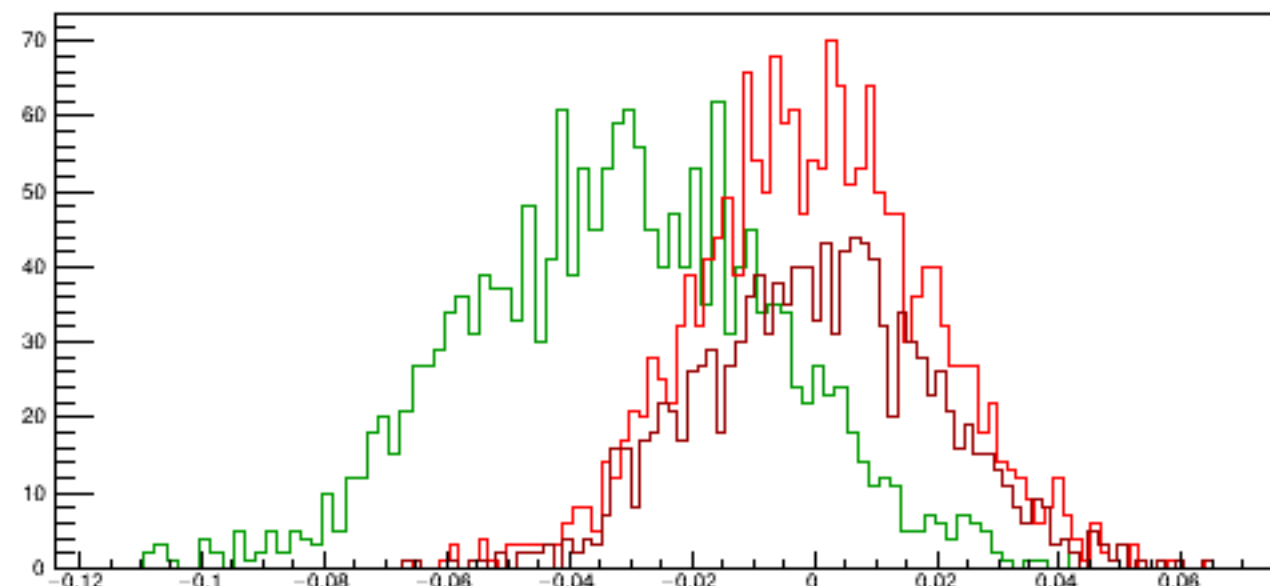
Std Dev: 0.0249 +/- 0.0004

Entries: 1223

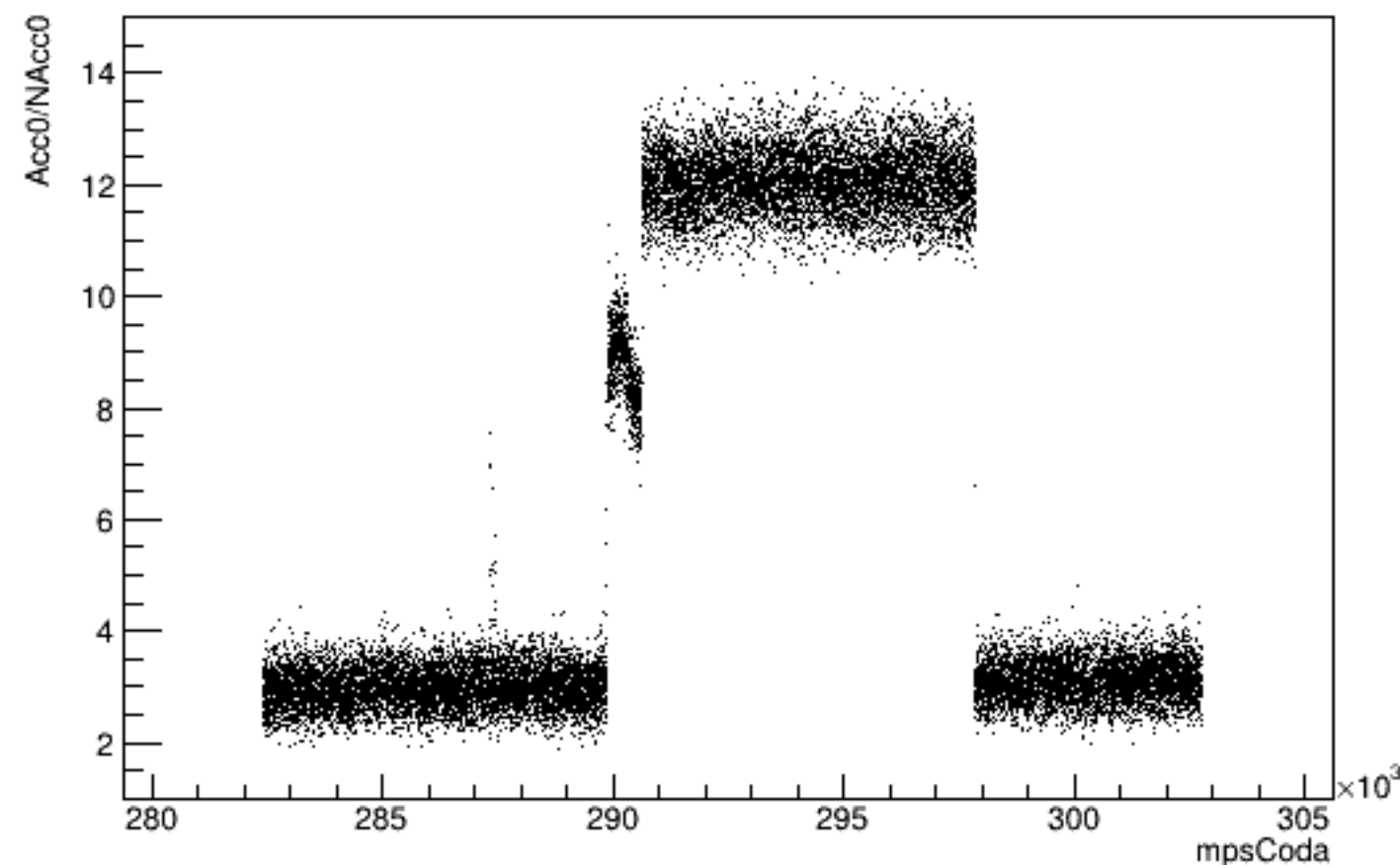
Mean: 0.0004 +/- 0.0005

Std Dev: 0.0192 +/- 0.0004

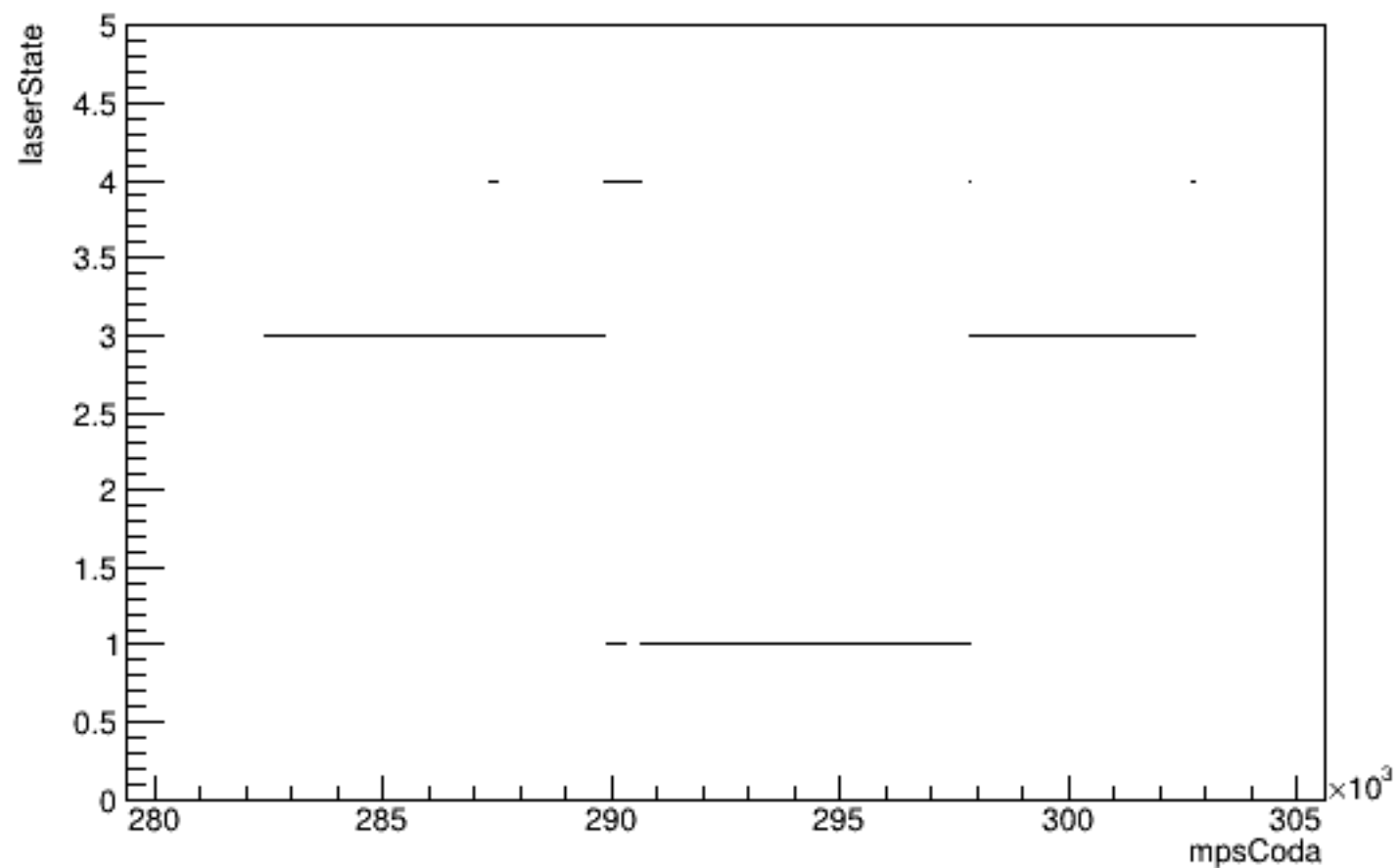
Run 6173 quartetwise, Asyms



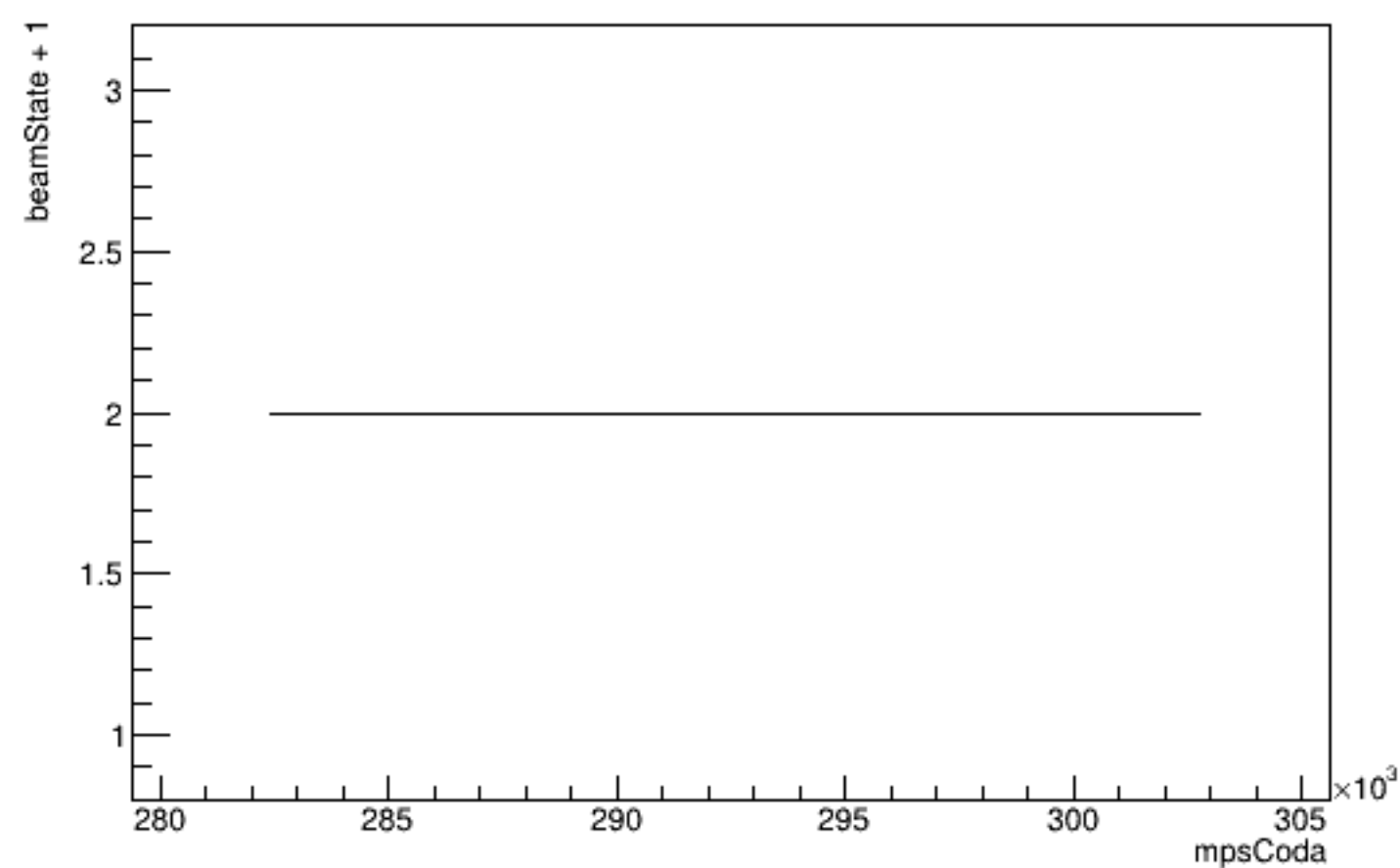
Acc0/NAcc0:mpsCoda (mpsCoda>=282401 && mpsCoda<=302752 && beamState==1)



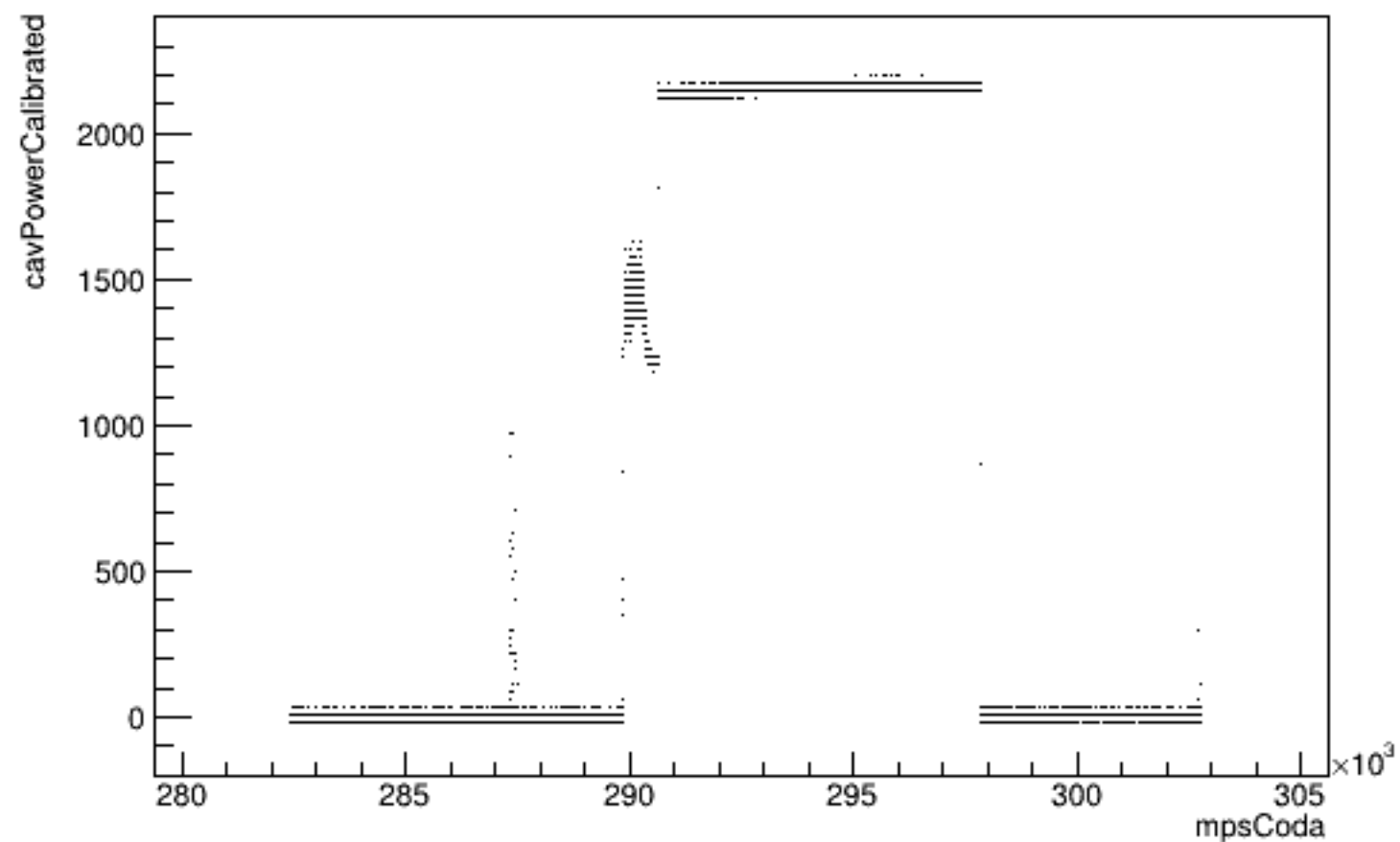
laserState:mpsCoda {mpsCoda>=282401 && mpsCoda<=302752}



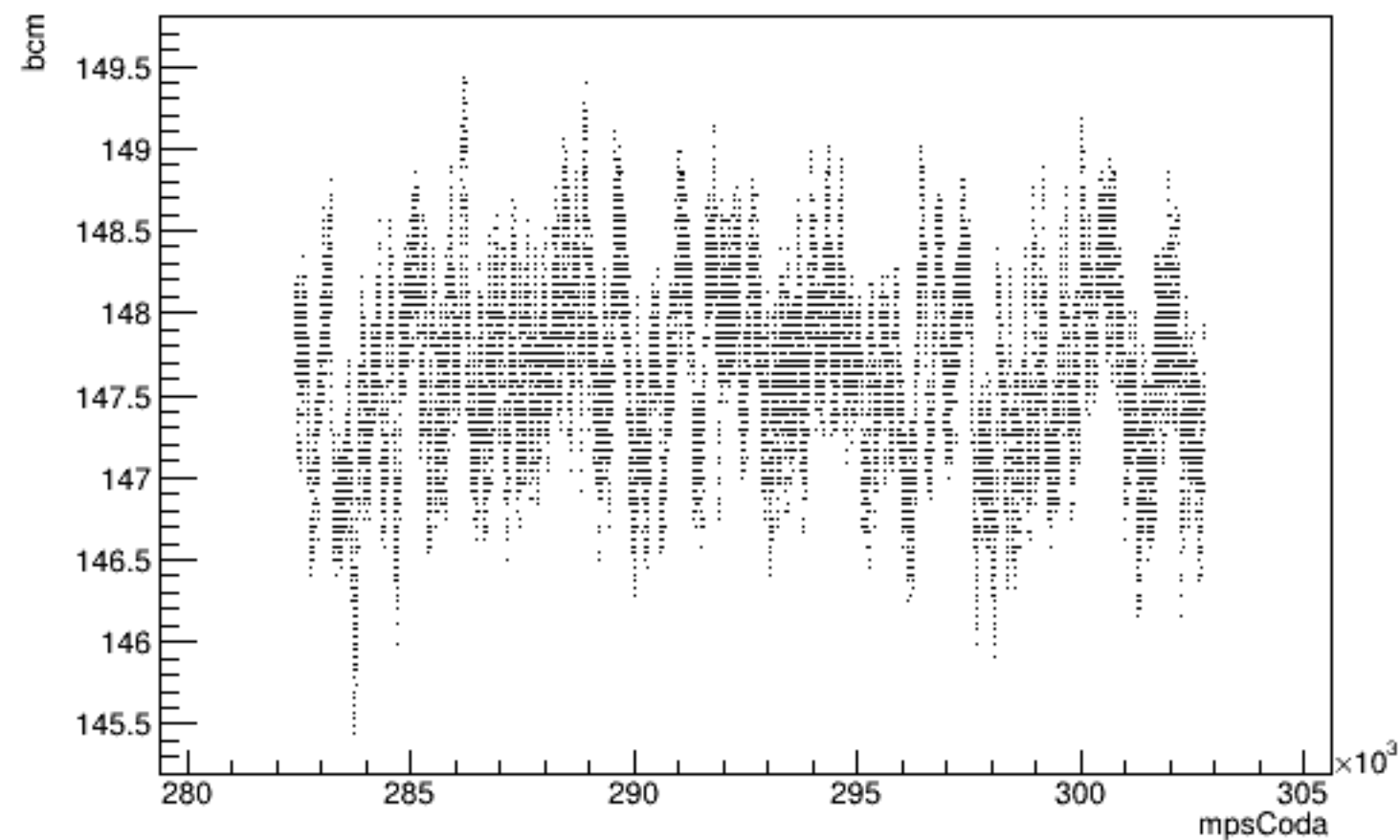
beamState + 1:mpsCoda {mpsCoda>=282401 && mpsCoda<=302752}



cavPowerCalibrated:mpsCoda {mpsCoda>=282401 && mpsCoda<=302752}



bcm:mpsCoda {mpsCoda>=282401 && mpsCoda<=302752}



Cycle 14, Diffs

Entries: 1223

Mean: 0.0080 +/- 0.0099

Std Dev: 0.3461 +/- 0.0070

Entries: 974

Mean: -0.5487 +/- 0.0146

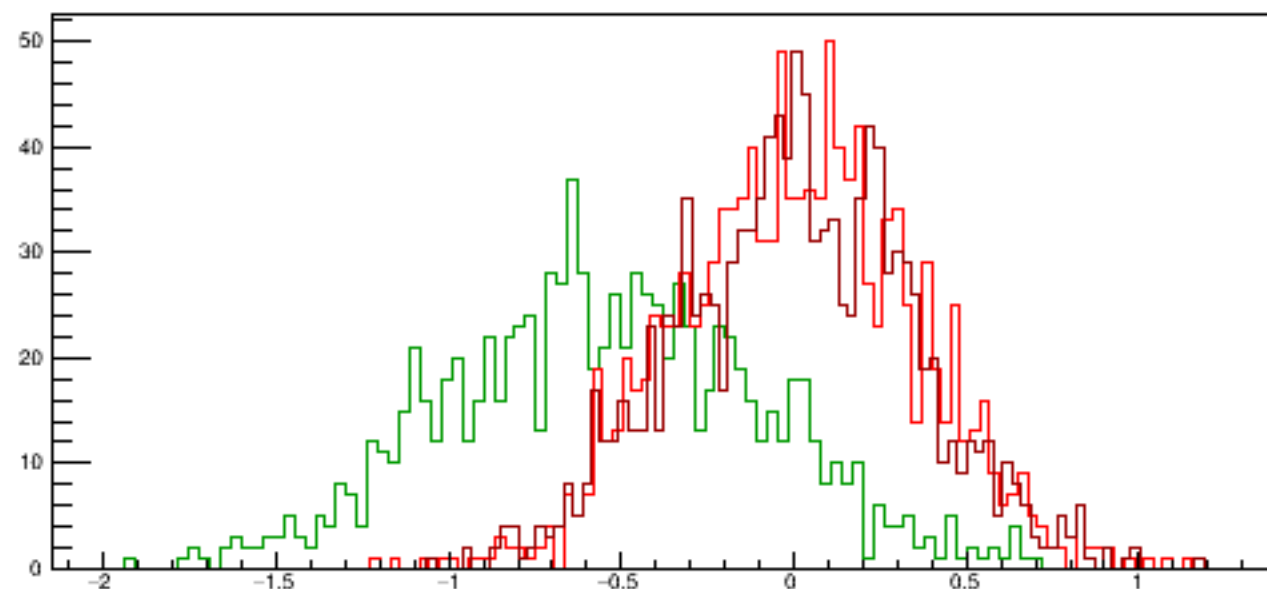
Std Dev: 0.4568 +/- 0.0103

Entries: 1223

Mean: 0.0048 +/- 0.0098

Std Dev: 0.3419 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 14, Sums

Entries: 1223

Mean: 6.2074 +/- 0.0104

Std Dev: 0.3636 +/- 0.0074

Entries: 974

Mean: 23.6993 +/- 0.0288

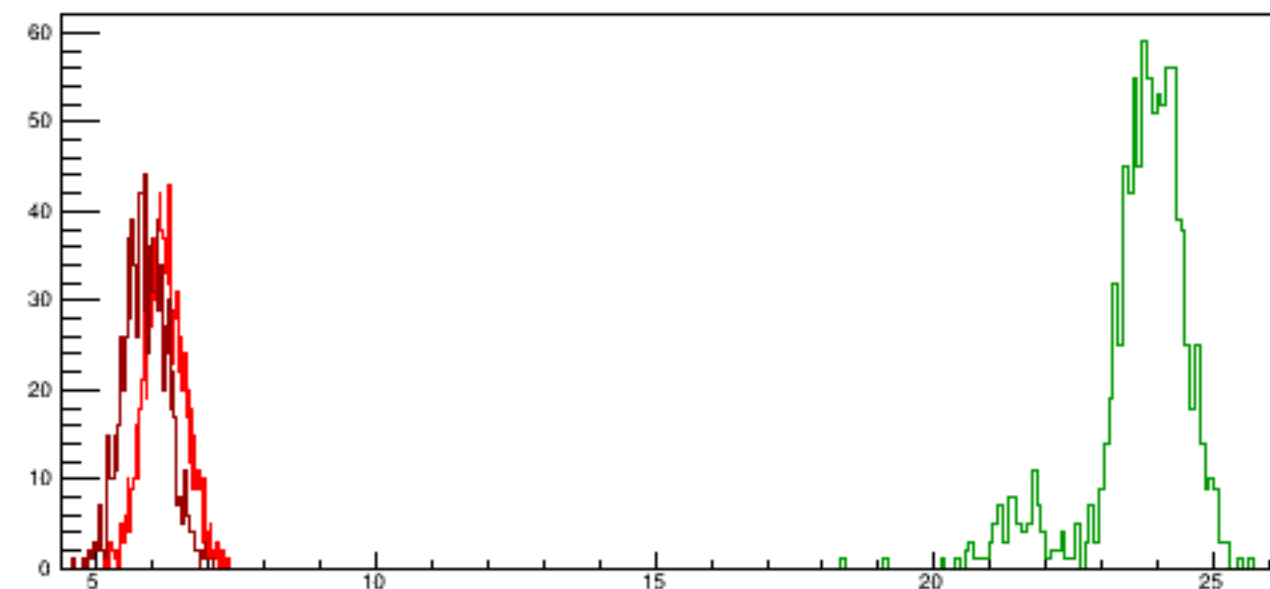
Std Dev: 0.8984 +/- 0.0204

Entries: 1223

Mean: 5.8680 +/- 0.0110

Std Dev: 0.3834 +/- 0.0078

Run 6173 quartetwise, Sums



Cycle 14, Asyms

Entries: 1223

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0196 +/- 0.0004

Entries: 974

Mean: -0.0311 +/- 0.0008

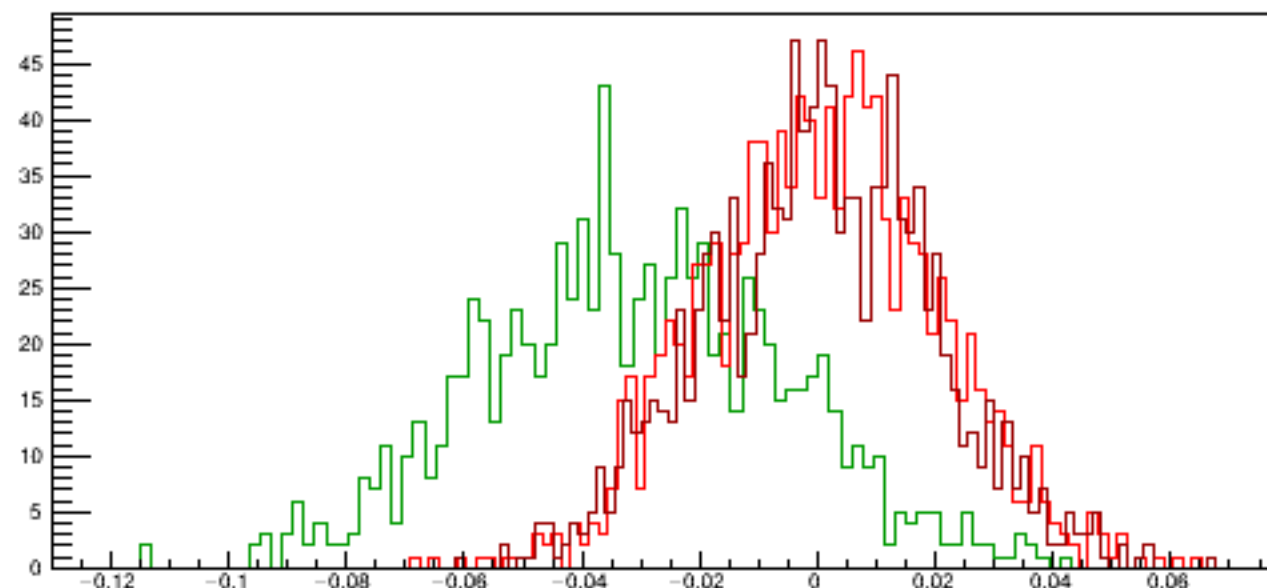
Std Dev: 0.0258 +/- 0.0006

Entries: 1223

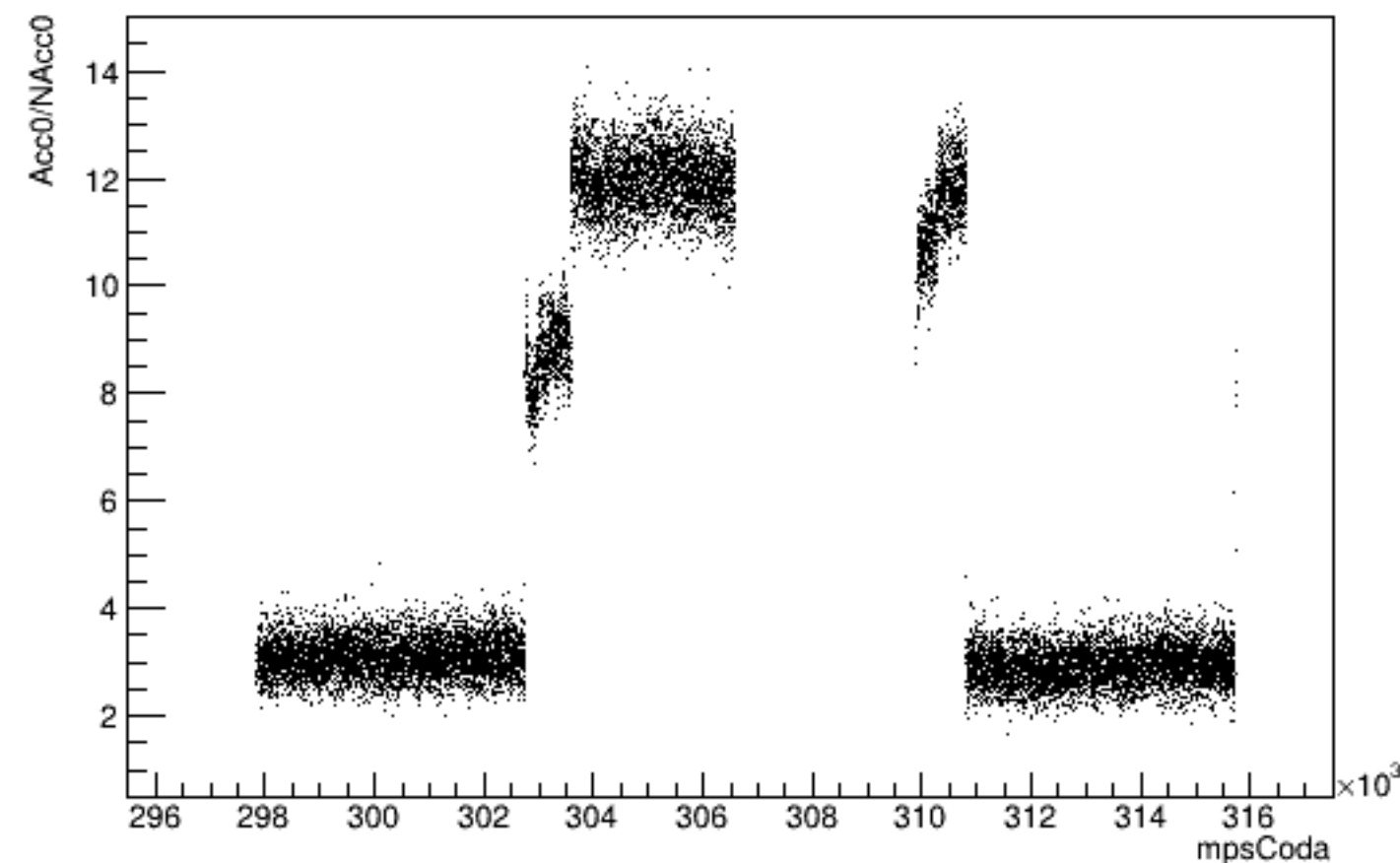
Mean: 0.0003 +/- 0.0006

Std Dev: 0.0194 +/- 0.0004

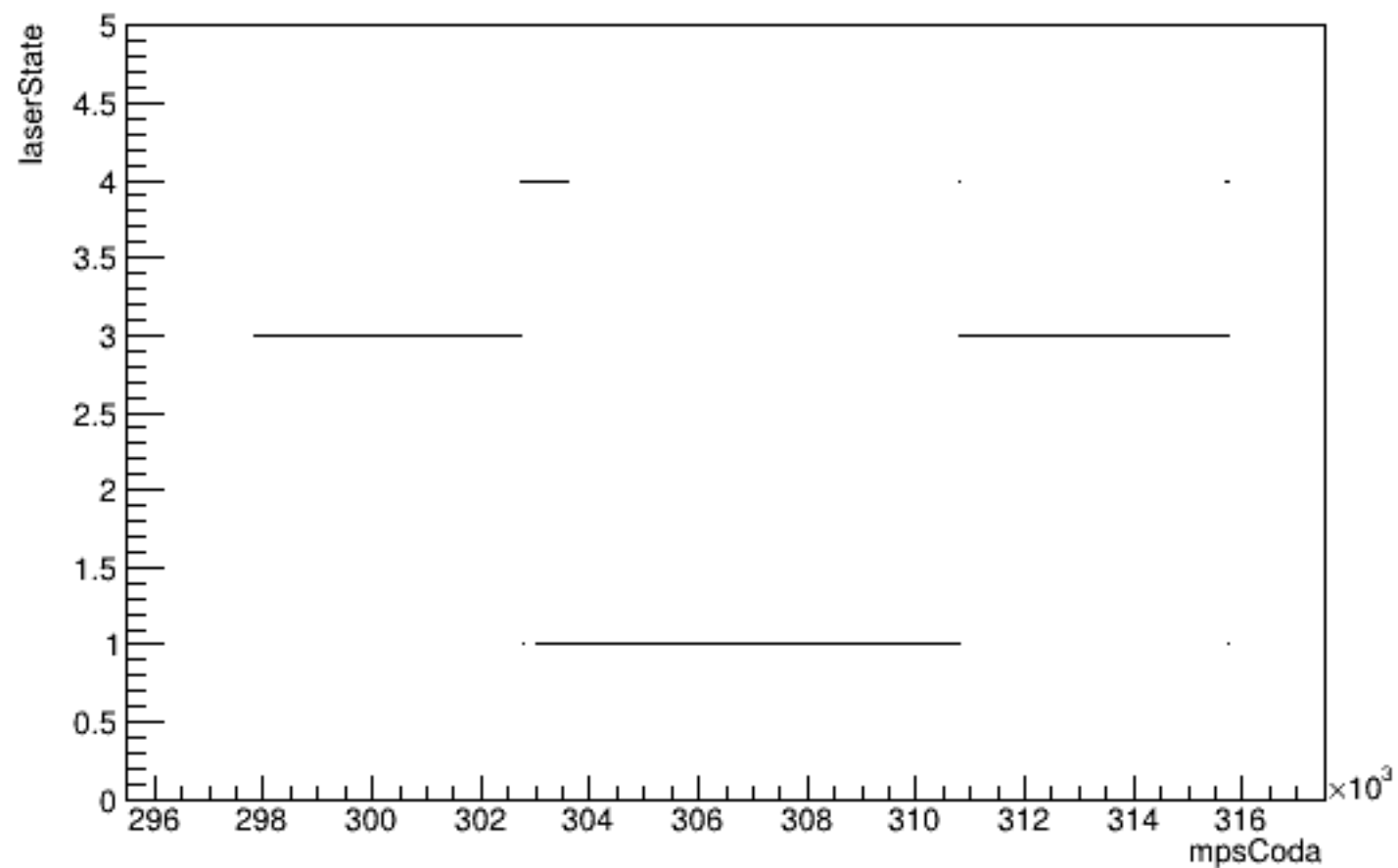
Run 6173 quartetwise, Asyms



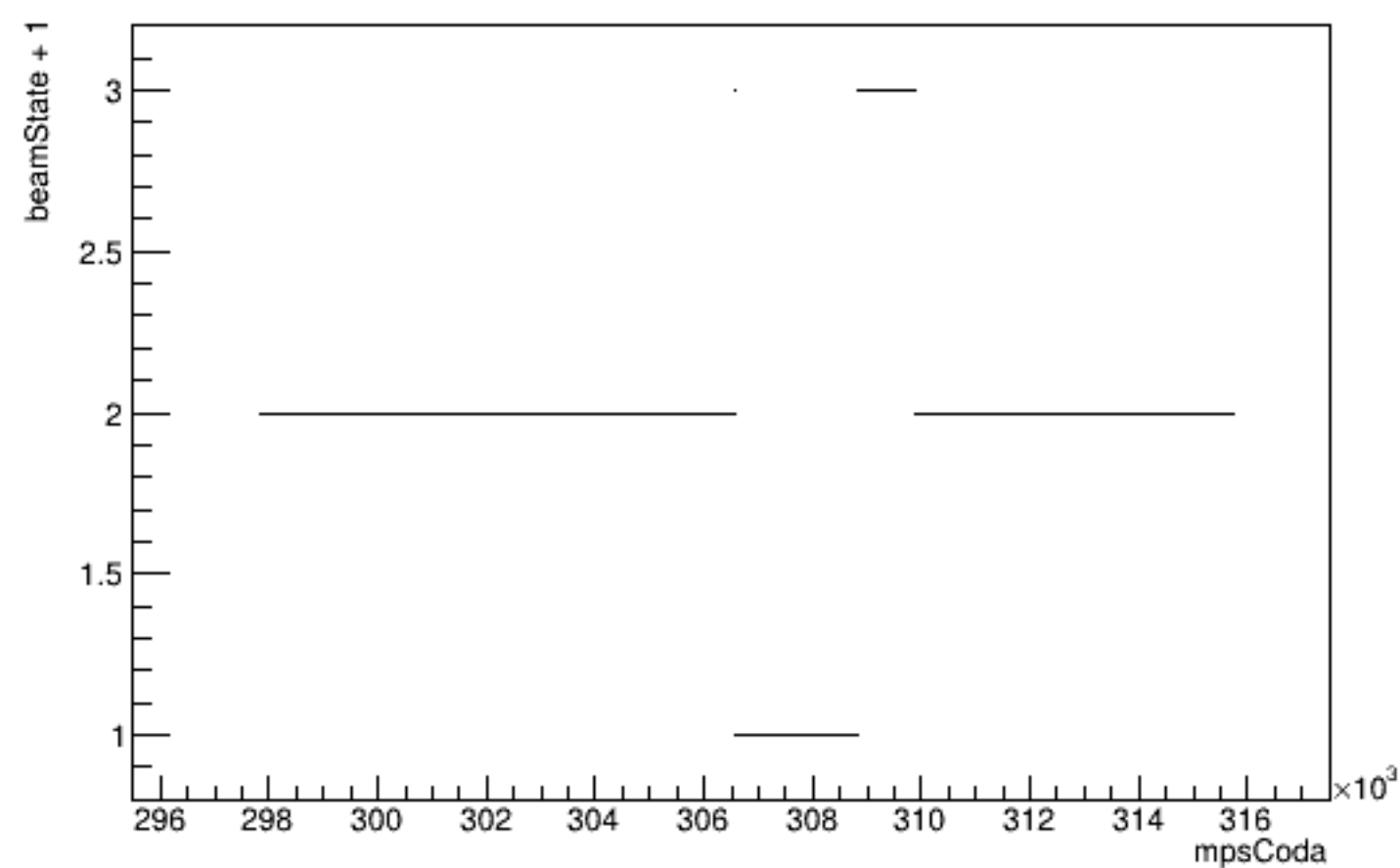
Acc0/NAcc0:mpsCoda (mpsCoda>=297849 && mpsCoda<=315724 && beamState==1)



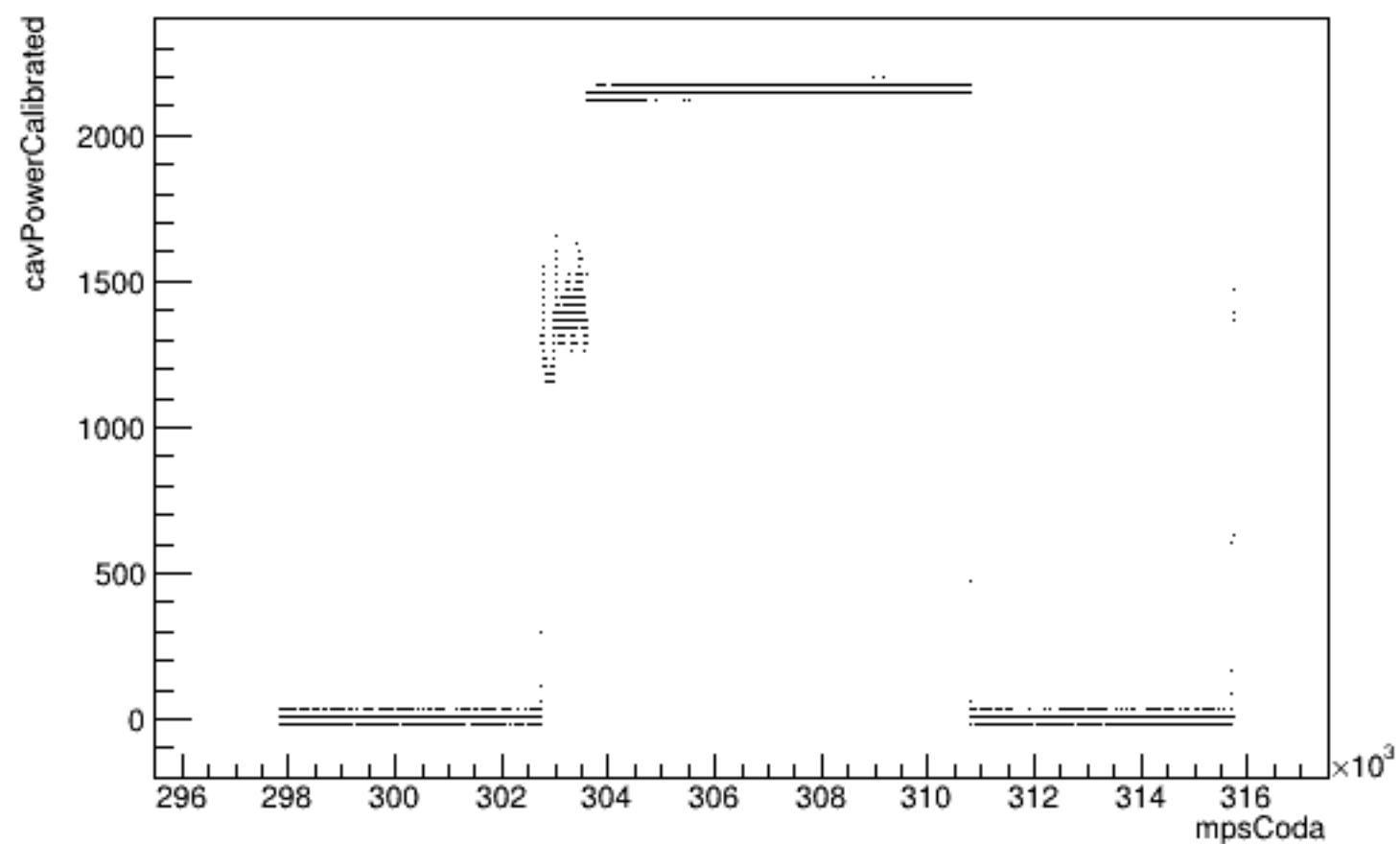
laserState:mpsCoda {mpsCoda>=297849 && mpsCoda<=315724}



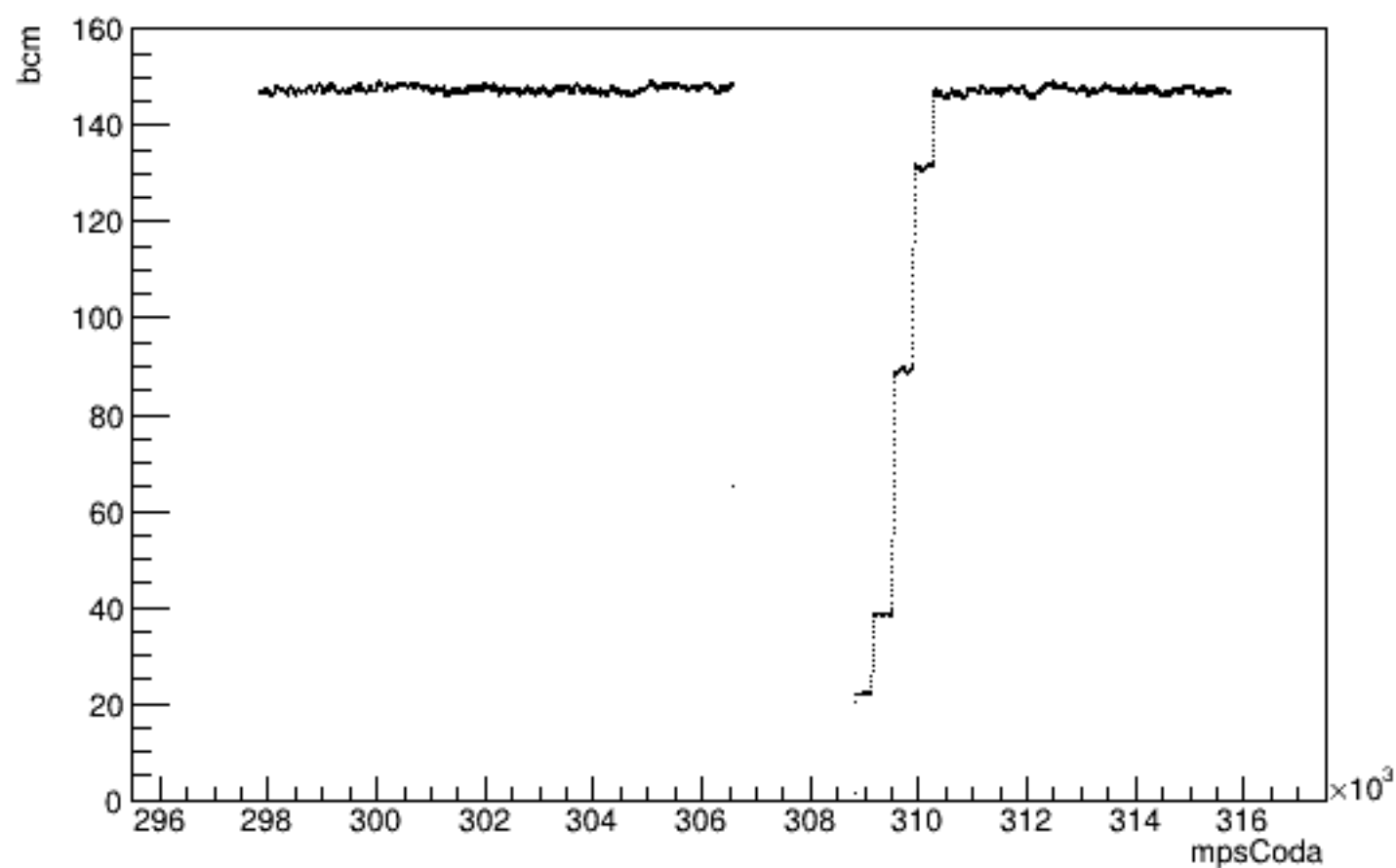
beamState + 1:mpsCoda {mpsCoda>=297849 && mpsCoda<=315724}



cavPowerCalibrated:mpsCoda {mpsCoda>=297849 && mpsCoda<=315724}



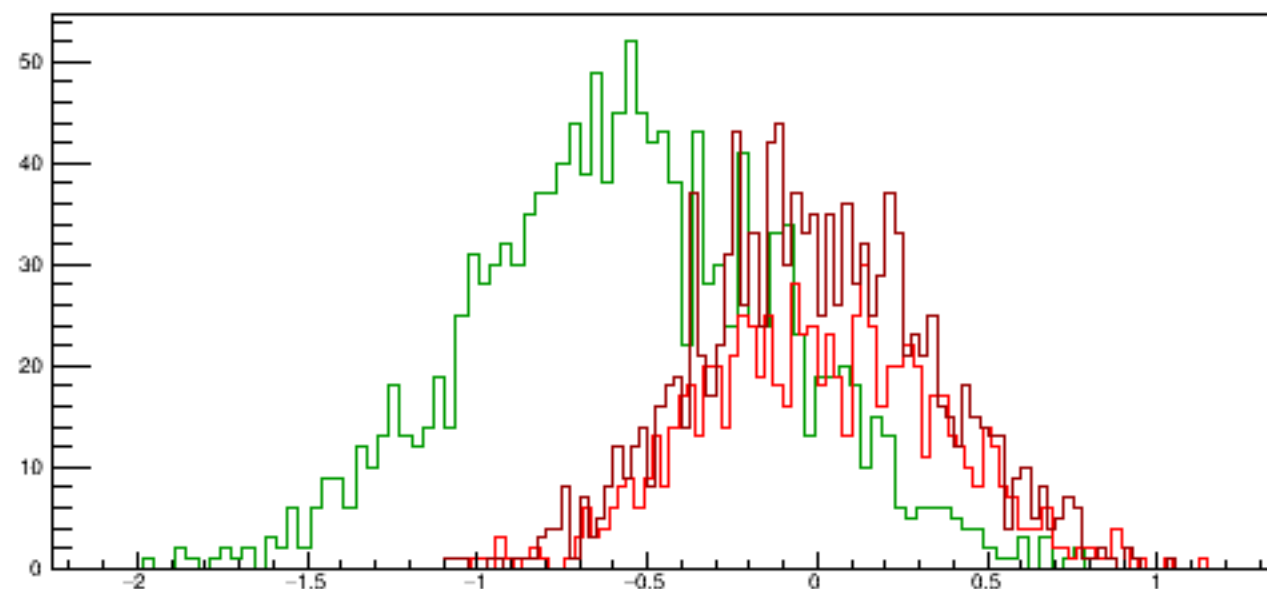
bcm:mpsCoda {mpsCoda>=297849 && mpsCoda<=315724}



Cycle 15, Diffs

Entries: 842	Entries: 1446	Entries: 1227
Mean: 0.0031 +/- 0.0121	Mean: -0.5567 +/- 0.0118	Mean: -0.0120 +/- 0.0099
Std Dev: 0.3525 +/- 0.0086	Std Dev: 0.4489 +/- 0.0083	Std Dev: 0.3467 +/- 0.0070

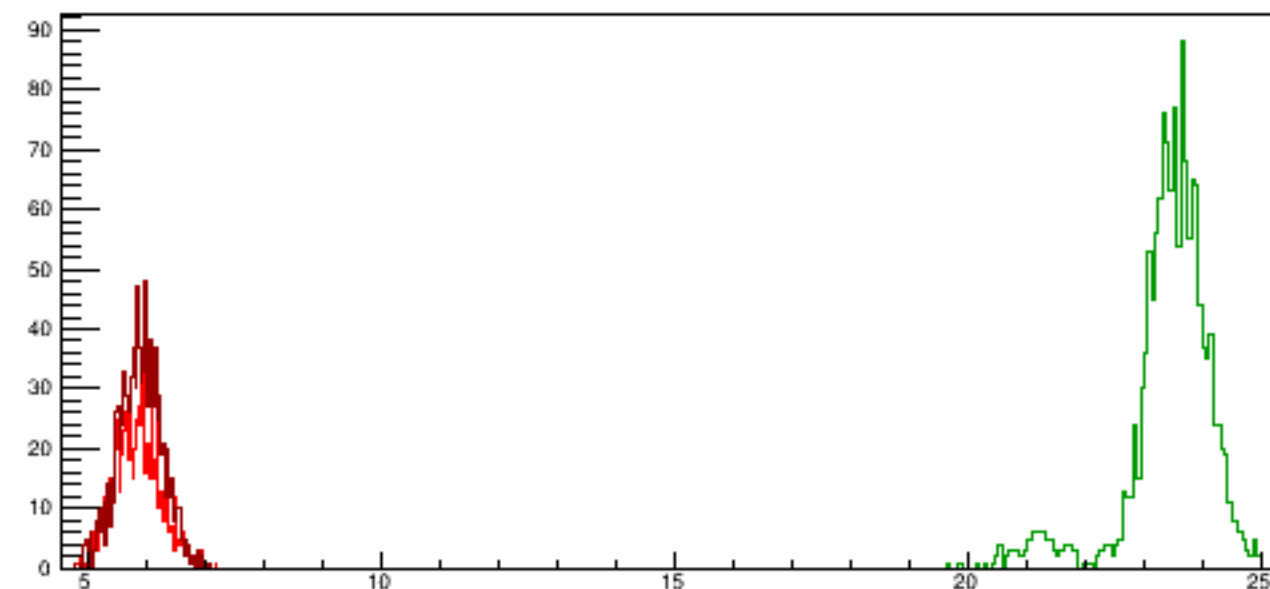
Run 6173 quartetwise, Diffs



Cycle 15, Sums

Entries: 842	Entries: 1446	Entries: 1227
Mean: 5.8584 +/- 0.0135	Mean: 23.4111 +/- 0.0196	Mean: 5.9082 +/- 0.0106
Std Dev: 0.3925 +/- 0.0096	Std Dev: 0.7441 +/- 0.0138	Std Dev: 0.3719 +/- 0.0075

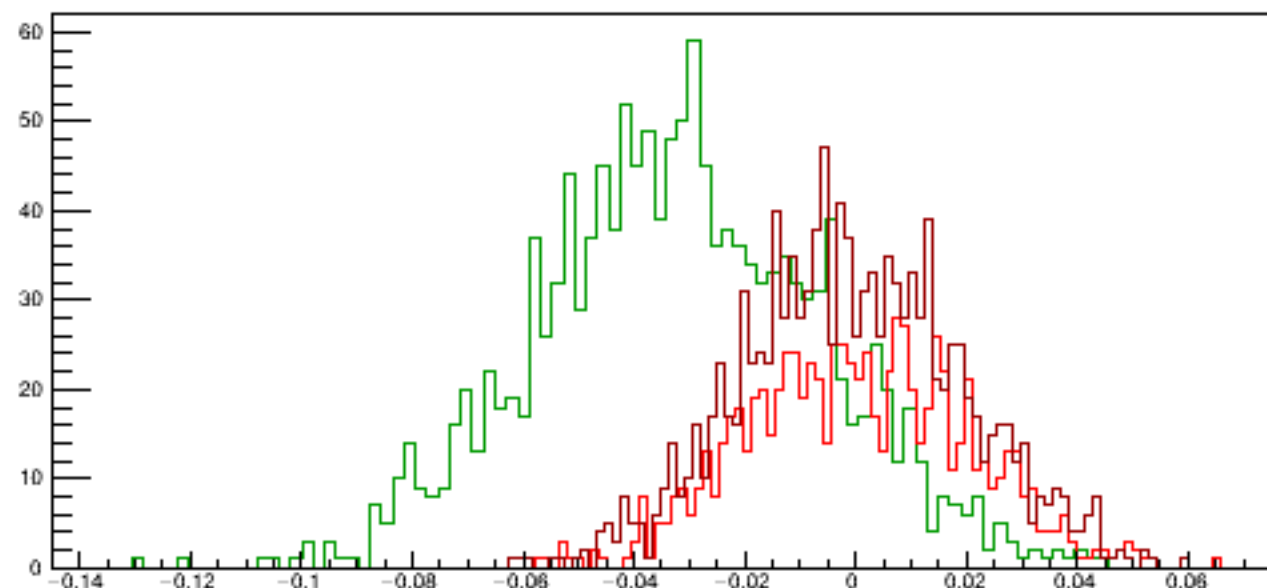
Run 6173 quartetwise, Sums



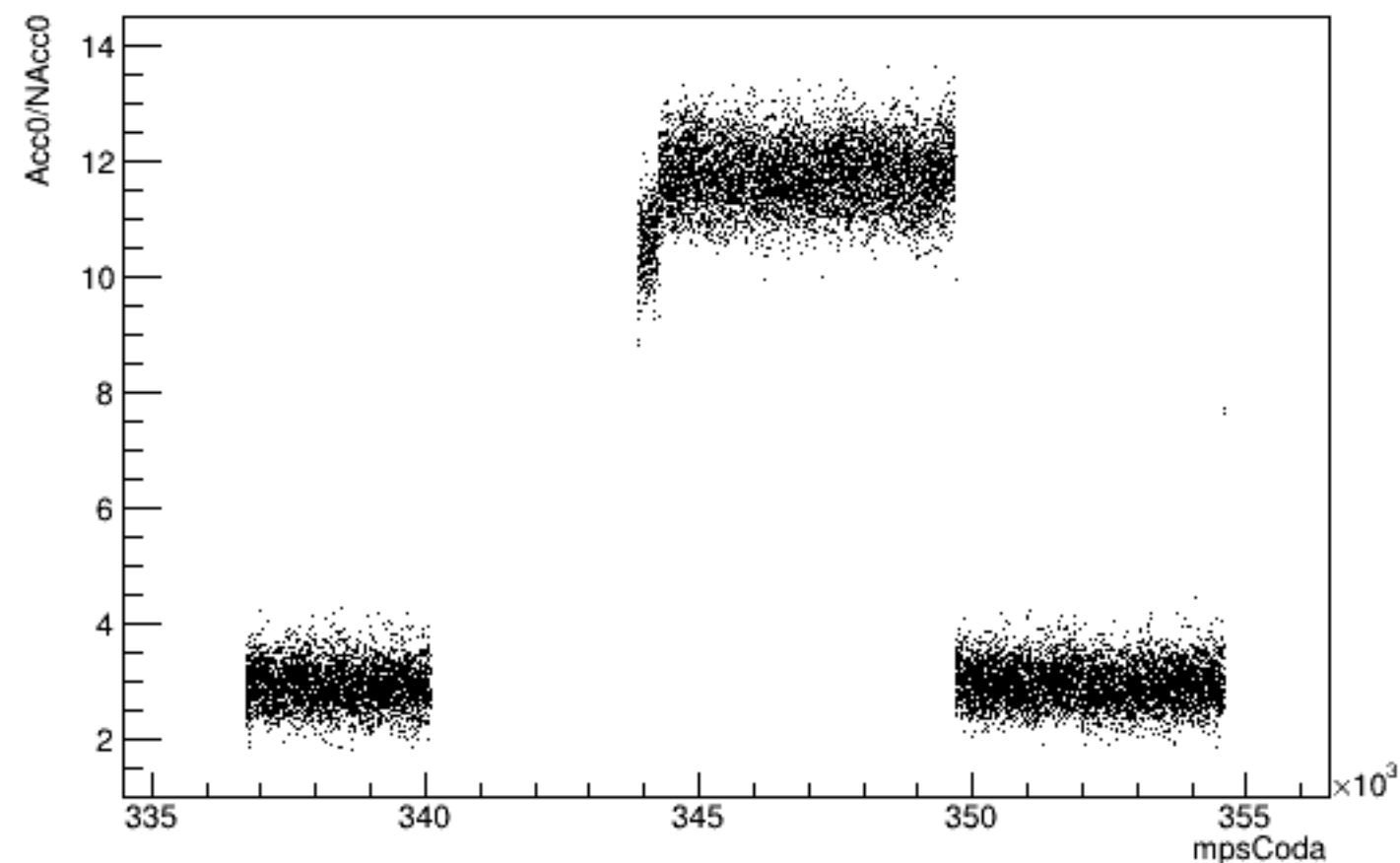
Cycle 15, Asyms

Entries: 842	Entries: 1446	Entries: 1227
Mean: 0.0002 +/- 0.0007	Mean: -0.0318 +/- 0.0007	Mean: -0.0007 +/- 0.0006
Std Dev: 0.0201 +/- 0.0005	Std Dev: 0.0257 +/- 0.0005	Std Dev: 0.0198 +/- 0.0004

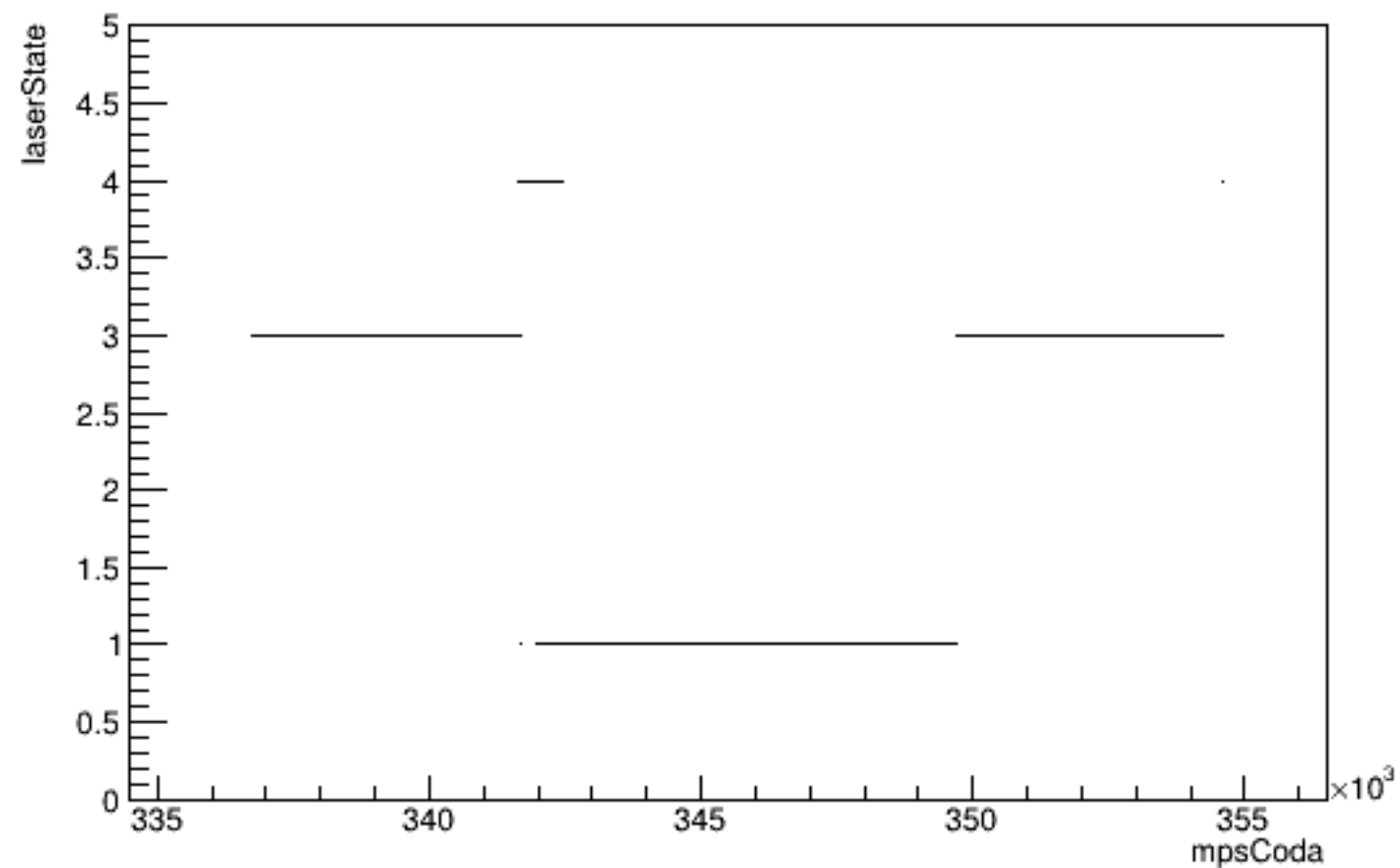
Run 6173 quartetwise, Asyms



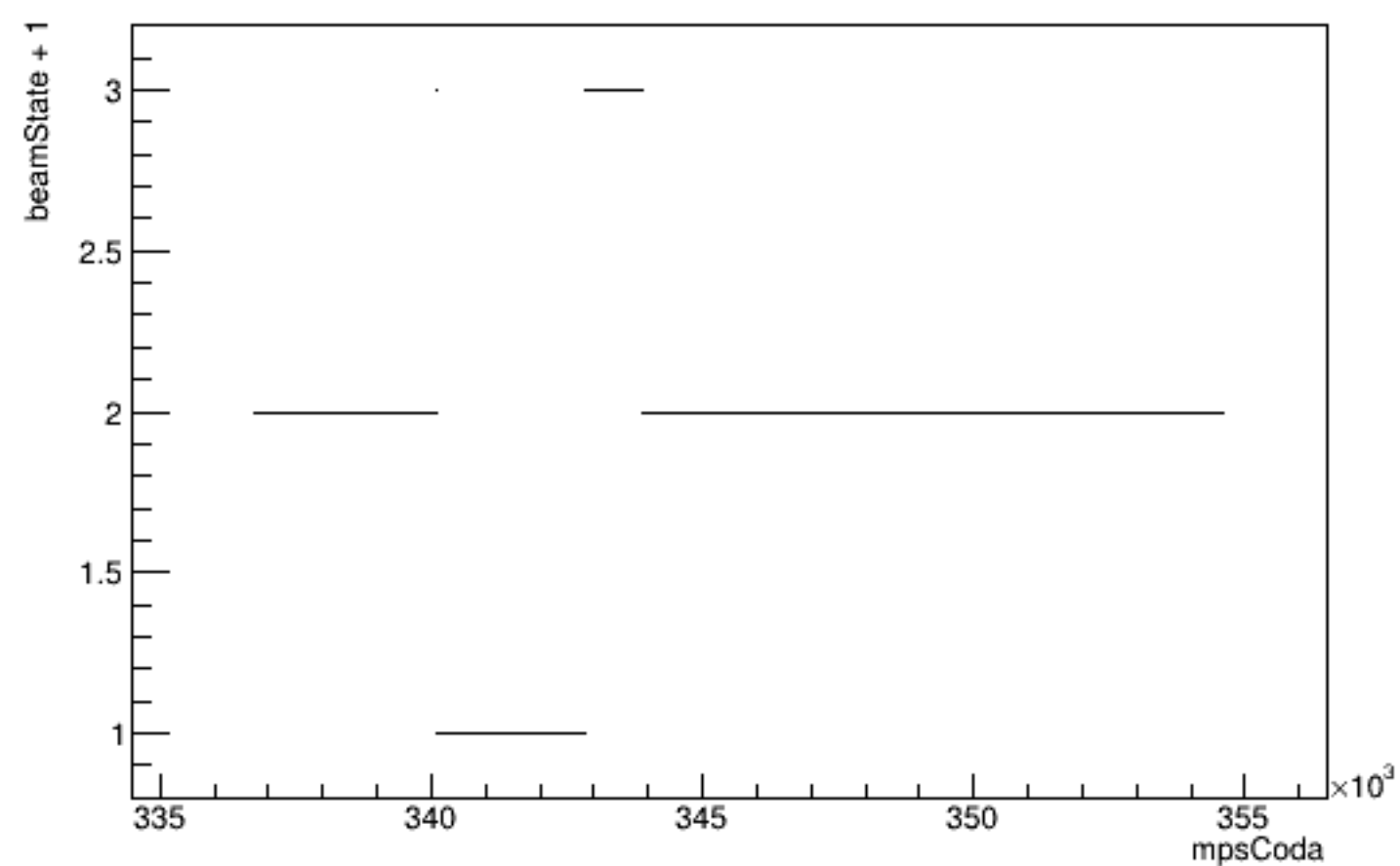
Acc0/NAcc0:mpsCoda (mpsCoda>=336717 && mpsCoda<=354592 && beamState==1)



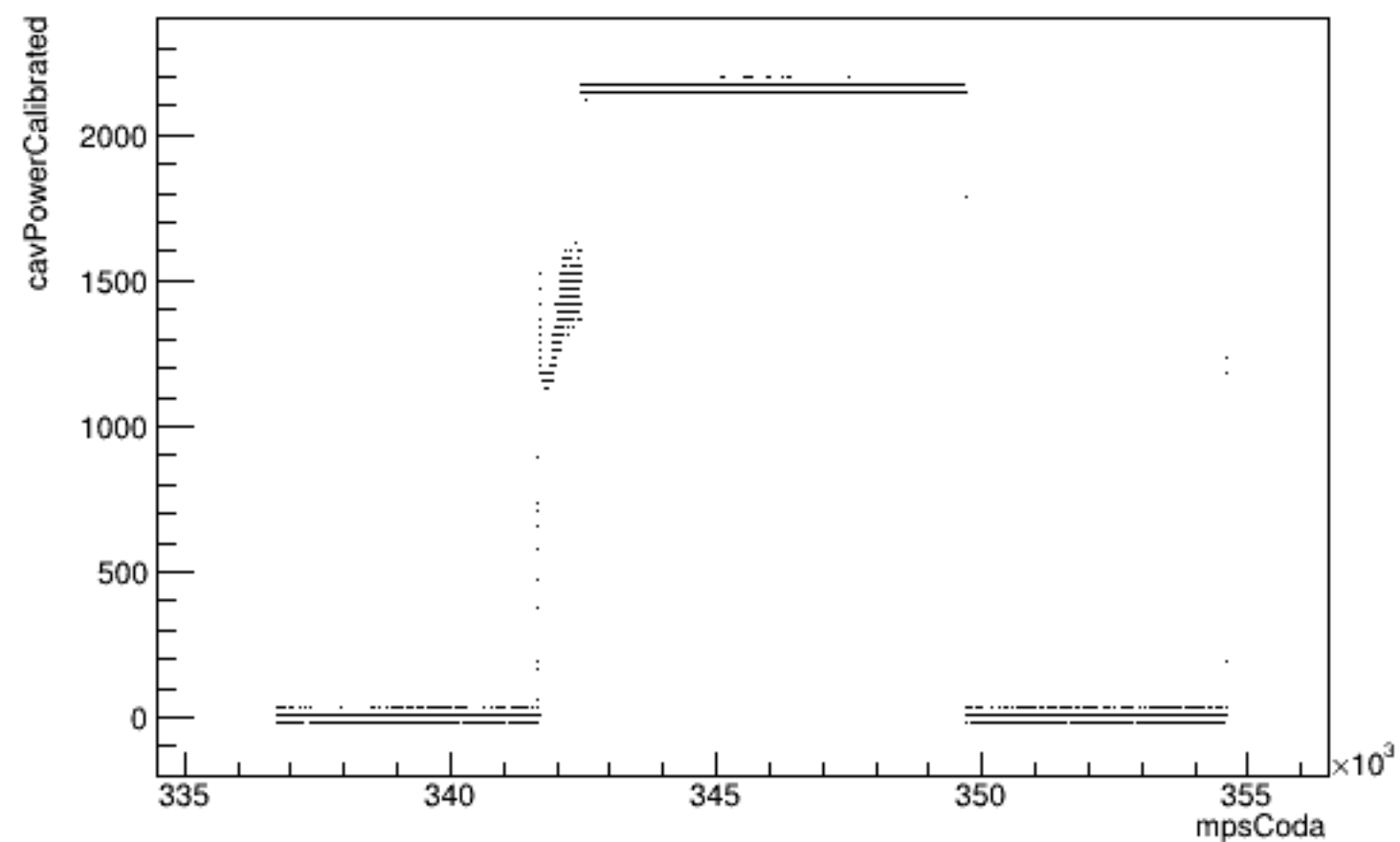
laserState:mpsCoda {mpsCoda>=336717 && mpsCoda<=354592}



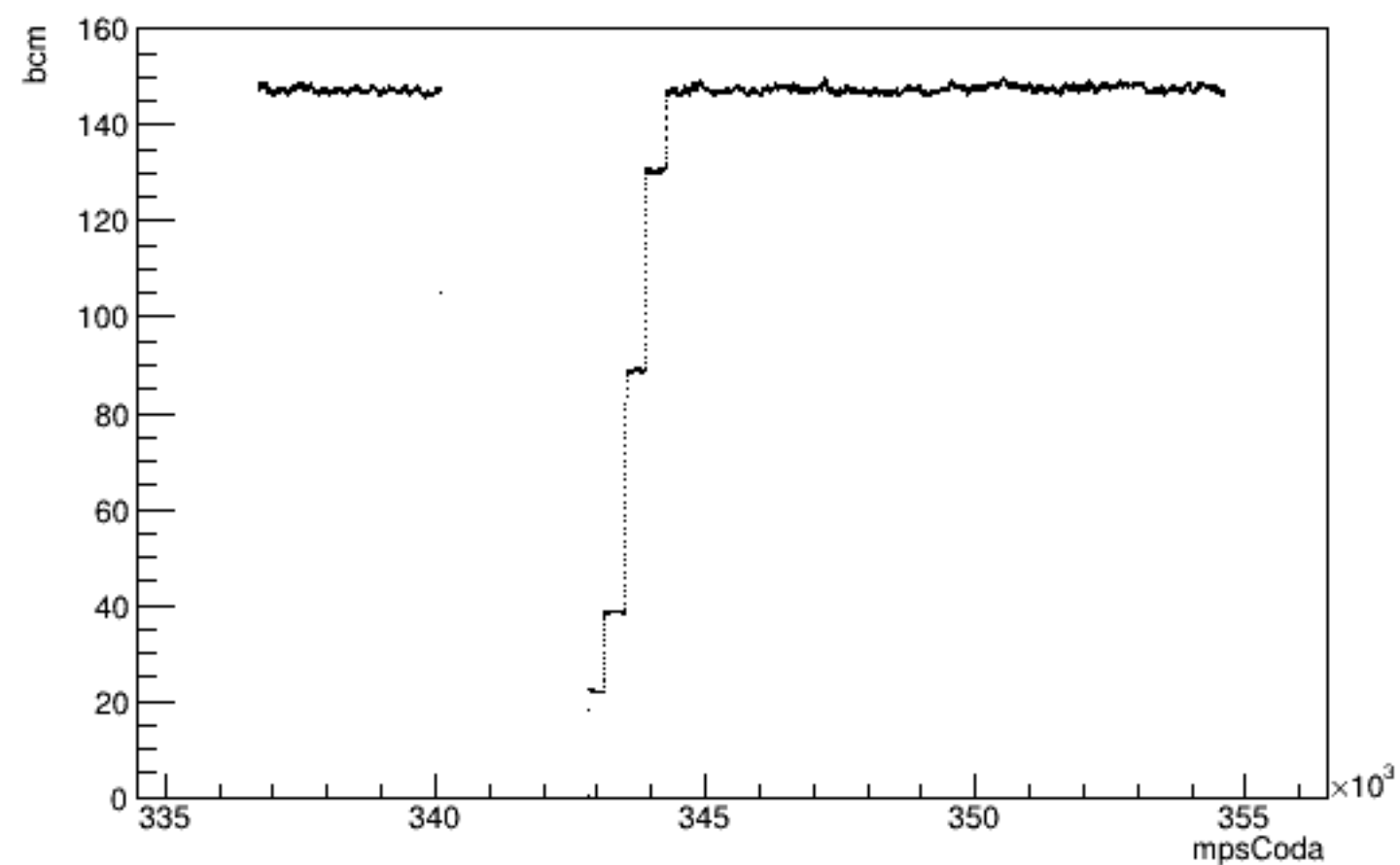
beamState + 1:mpsCoda {mpsCoda>=336717 && mpsCoda<=354592}



cavPowerCalibrated:mpsCoda {mpsCoda>=336717 && mpsCoda<=354592}



bcm:mpsCoda {mpsCoda>=336717 && mpsCoda<=354592}



Cycle 16, Diffs

Entries: 1227

Mean: -0.0120 +/- 0.0099

Std Dev: 0.3467 +/- 0.0070

Entries: 1807

Mean: -0.5599 +/- 0.0107

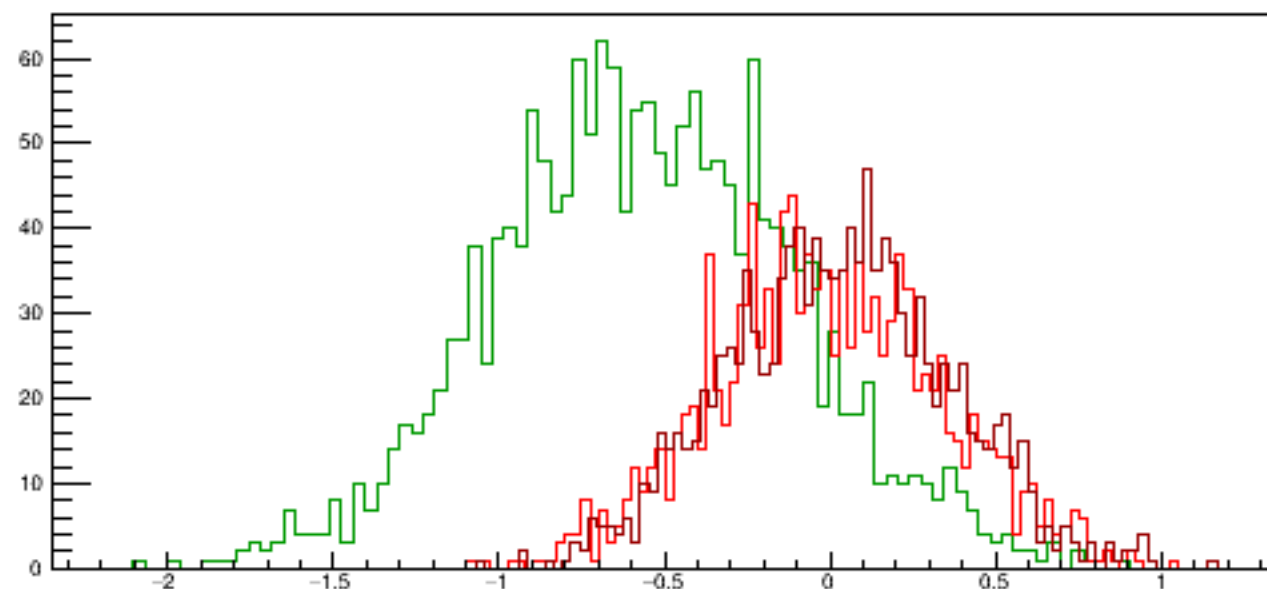
Std Dev: 0.4544 +/- 0.0076

Entries: 1228

Mean: 0.0236 +/- 0.0095

Std Dev: 0.3336 +/- 0.0067

Run 6173 quartetwise, Diffs



Cycle 16, Sums

Entries: 1227

Mean: 5.9082 +/- 0.0106

Std Dev: 0.3719 +/- 0.0075

Entries: 1807

Mean: 23.7435 +/- 0.0123

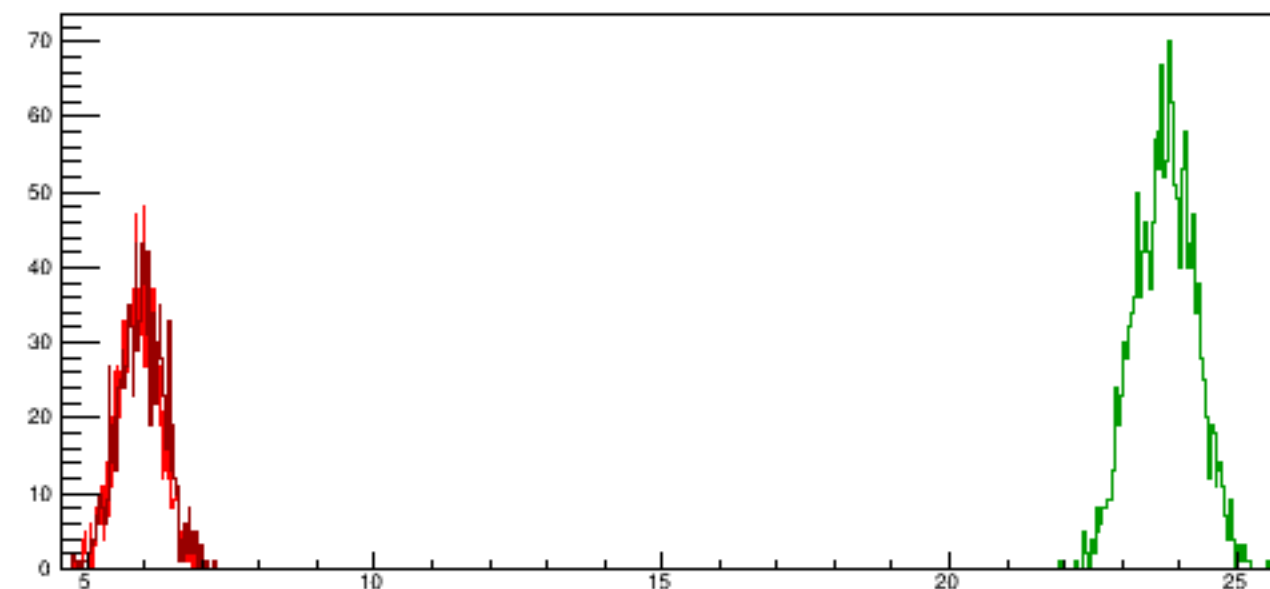
Std Dev: 0.5232 +/- 0.0087

Entries: 1228

Mean: 5.9581 +/- 0.0112

Std Dev: 0.3926 +/- 0.0079

Run 6173 quartetwise, Sums



Cycle 16, Asyms

Entries: 1227

Mean: -0.0007 +/- 0.0006

Std Dev: 0.0195 +/- 0.0004

Entries: 1807

Mean: -0.0315 +/- 0.0006

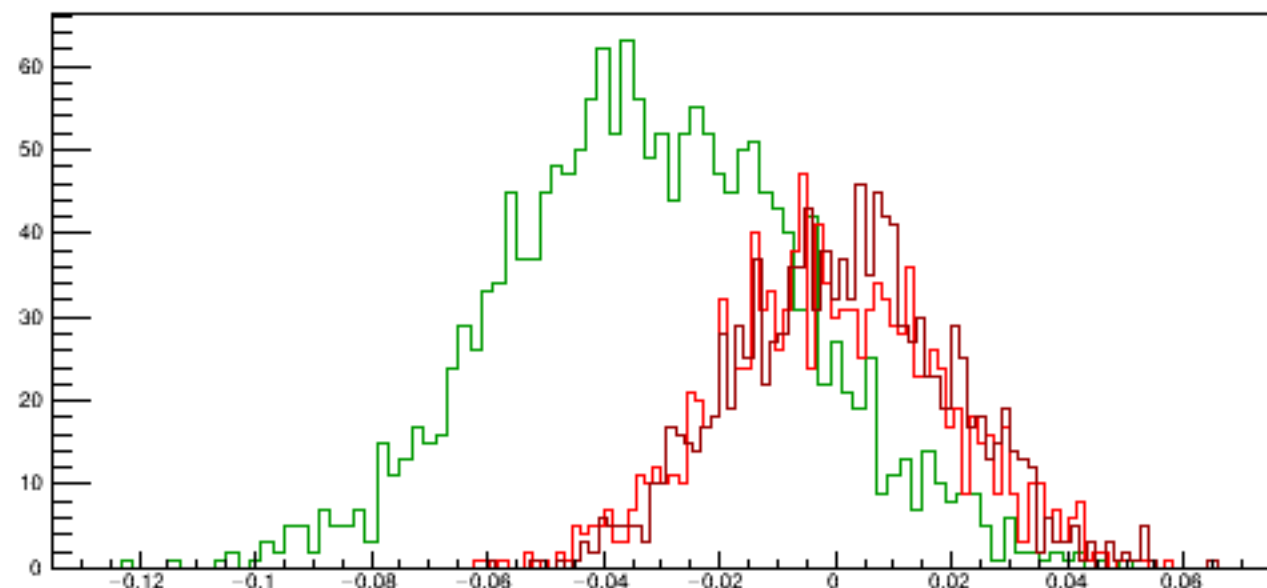
Std Dev: 0.0256 +/- 0.0004

Entries: 1228

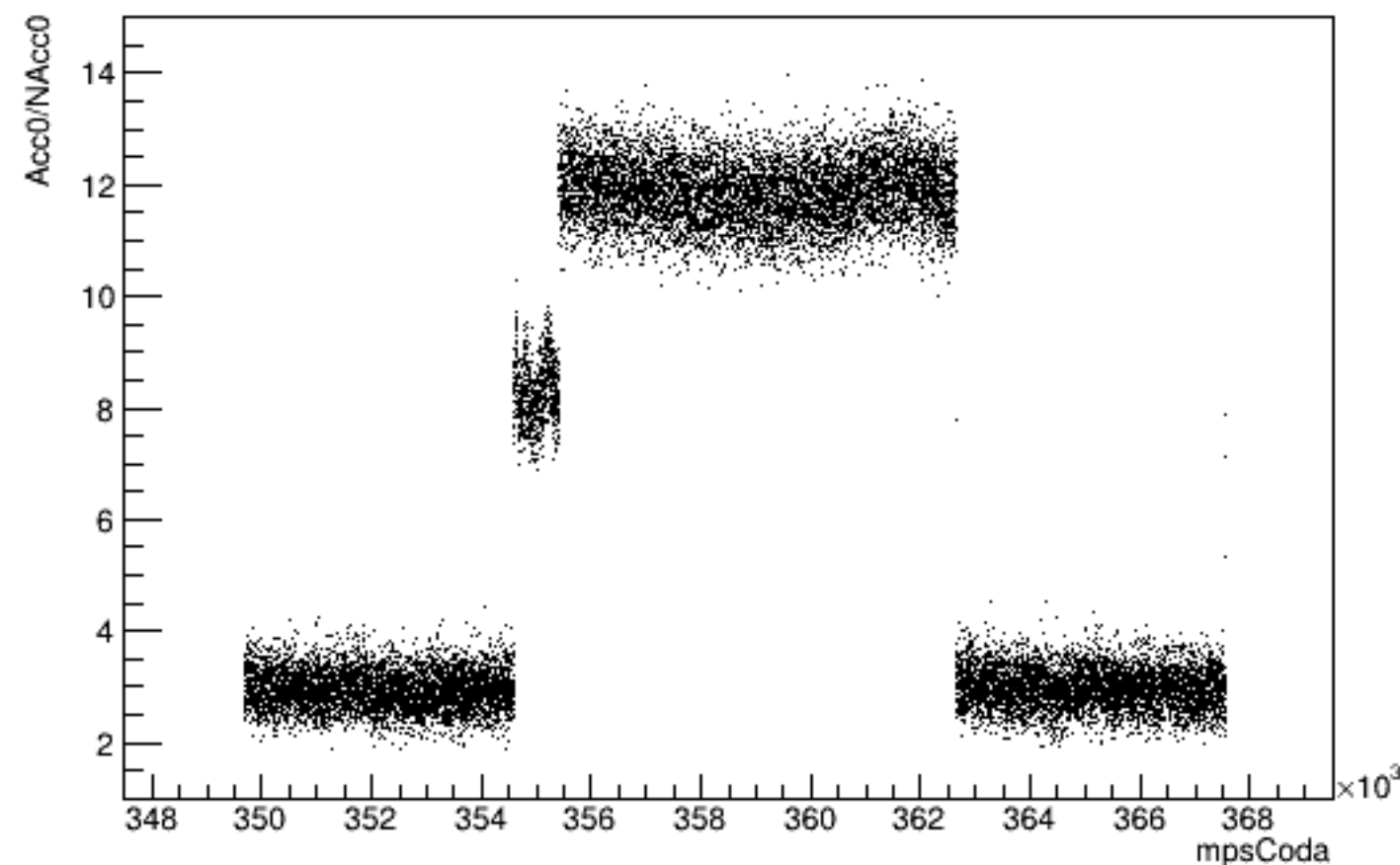
Mean: 0.0013 +/- 0.0005

Std Dev: 0.0187 +/- 0.0004

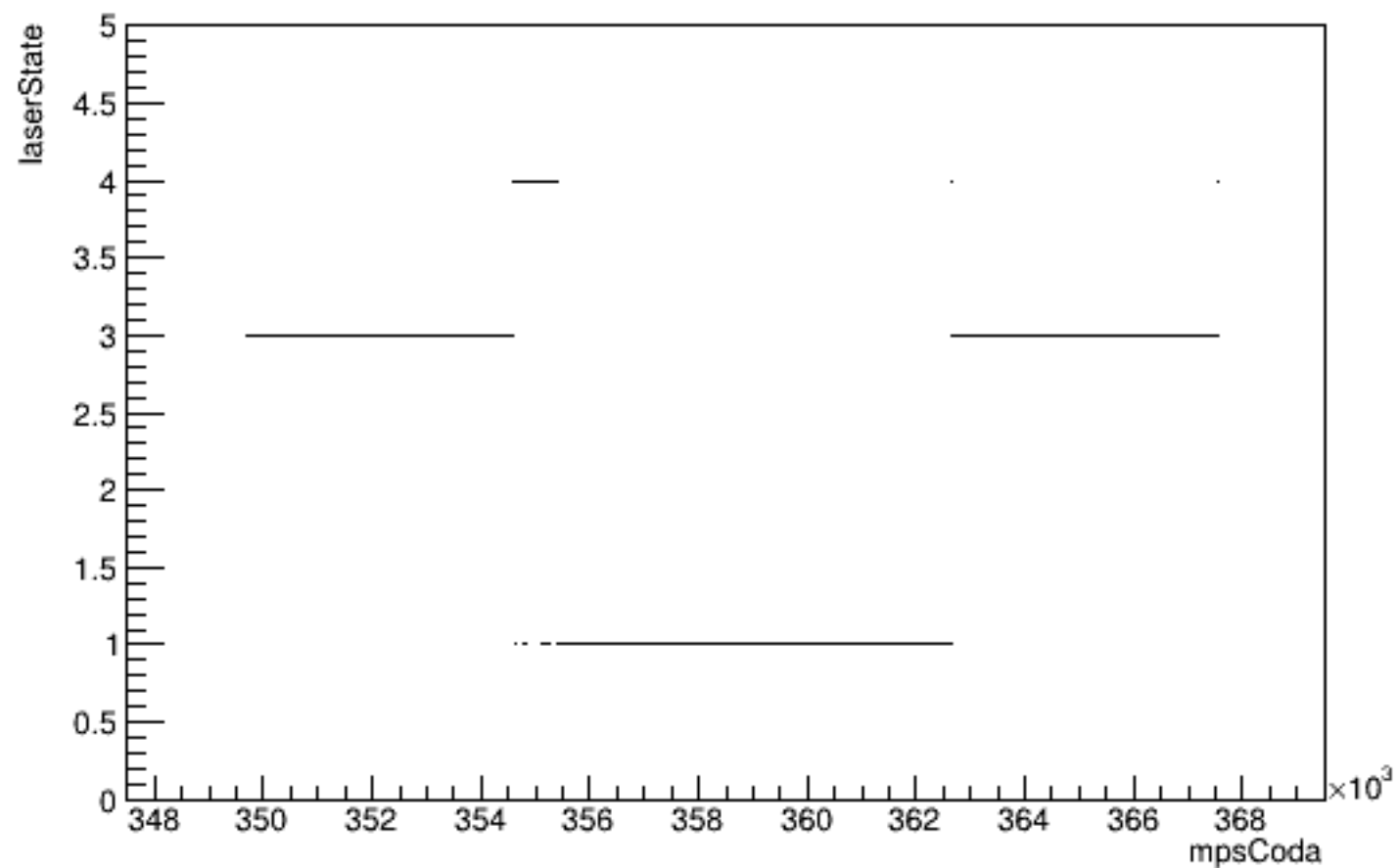
Run 6173 quartetwise, Asyms



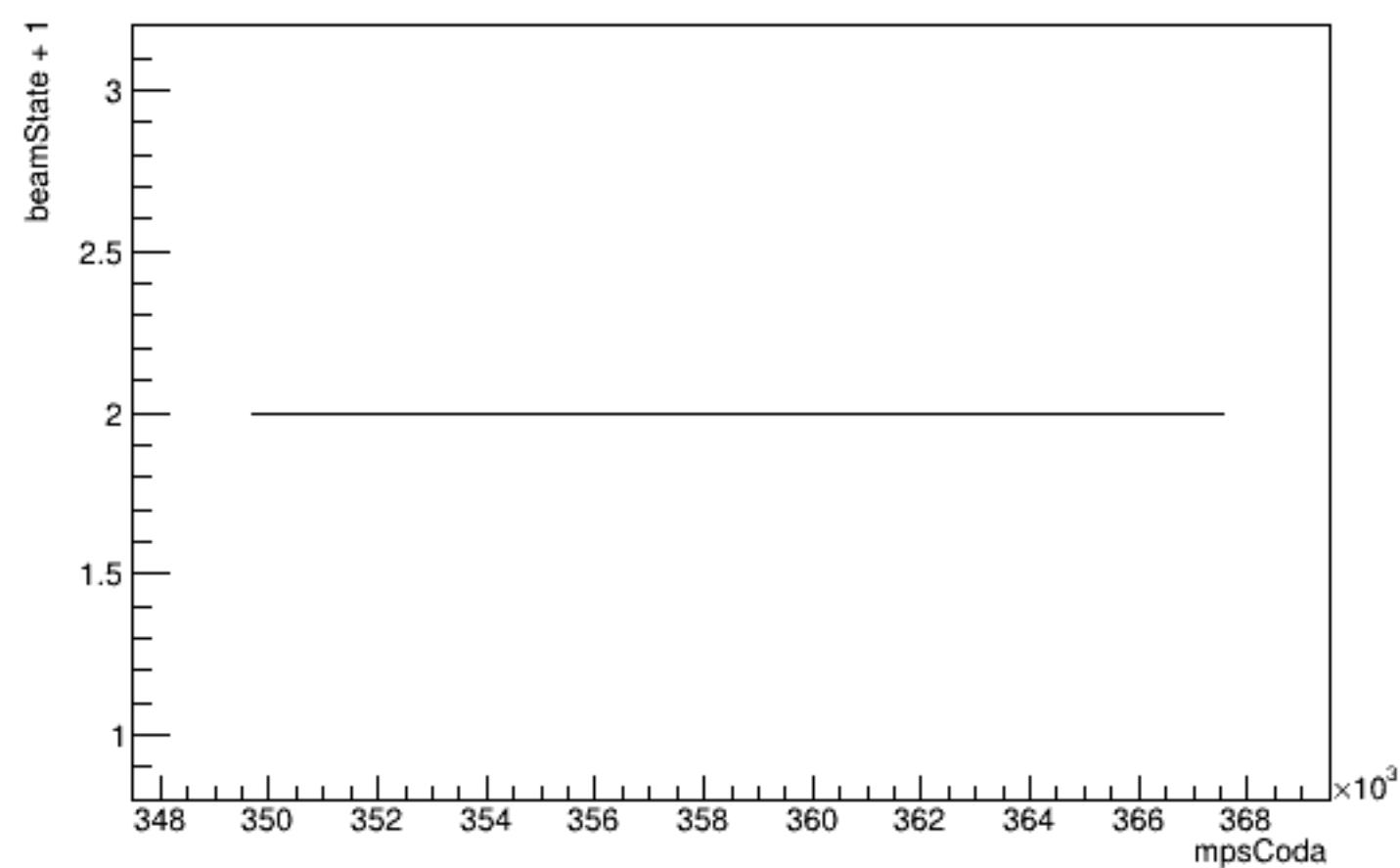
Acc0/NAcc0:mpsCoda (mpsCoda>=349681 && mpsCoda<=367560 && beamState==1)



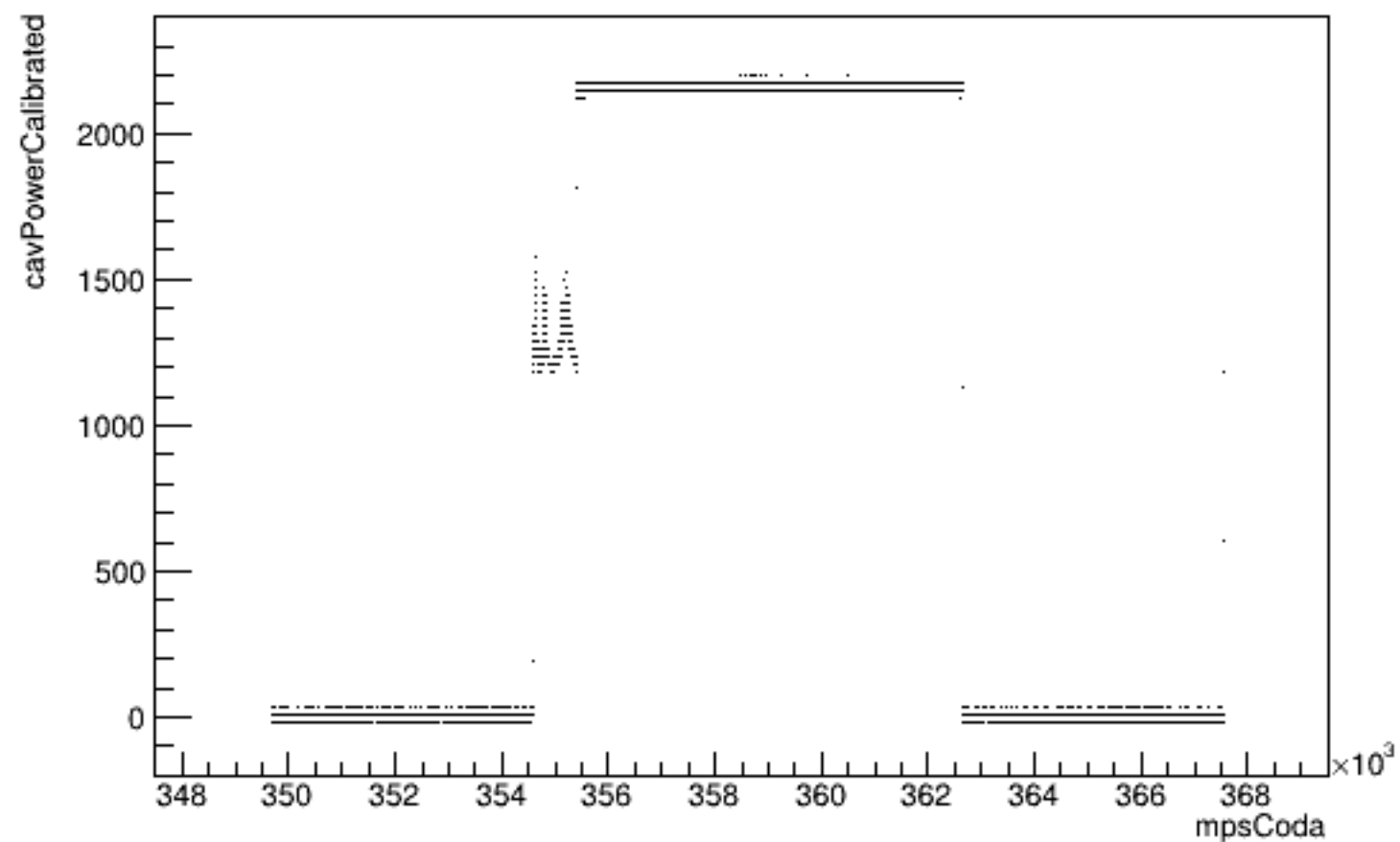
laserState:mpsCoda {mpsCoda>=349681 && mpsCoda<=367560}



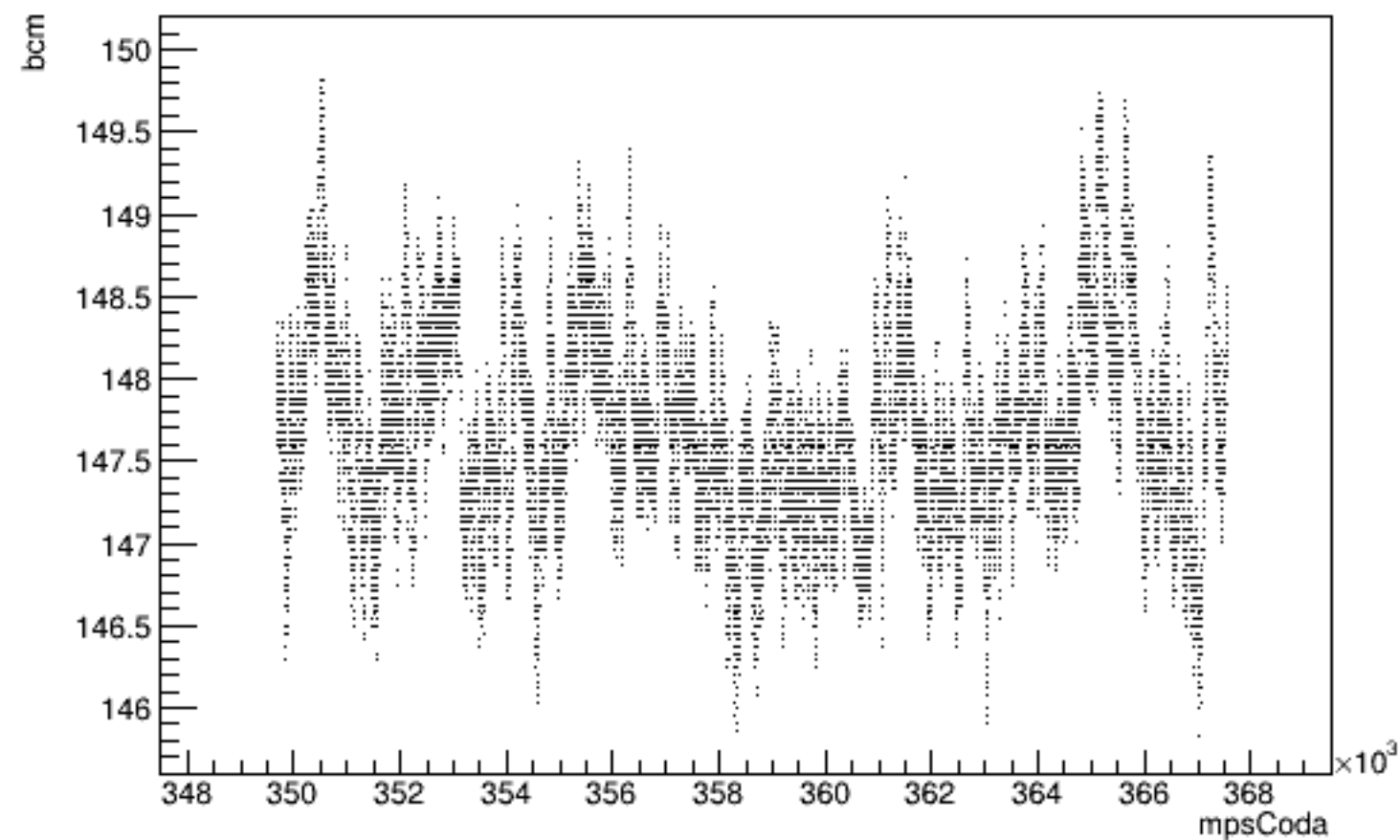
beamState + 1:mpsCoda {mpsCoda>=349681 && mpsCoda<=367560}



cavPowerCalibrated:mpsCoda {mpsCoda>=349681 && mpsCoda<=367560}



bcm:mpsCoda {mpsCoda>=349681 && mpsCoda<=367560}



Cycle 17, Diffs

Entries: 1228

Mean: 0.0236 +/- 0.0095

Std Dev: 0.3336 +/- 0.0067

Entries: 1808

Mean: -0.5737 +/- 0.0105

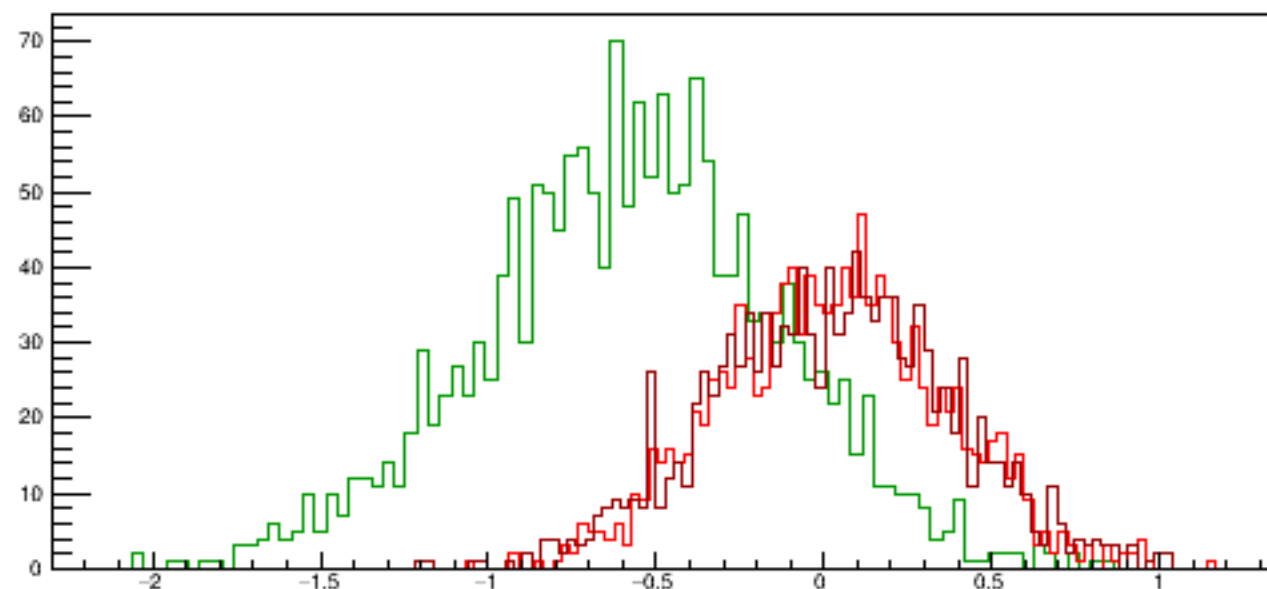
Std Dev: 0.4464 +/- 0.0074

Entries: 1227

Mean: 0.0162 +/- 0.0102

Std Dev: 0.3568 +/- 0.0072

Run 6173 quartetwise, Diffs



Cycle 17, Sums

Entries: 1228

Mean: 5.9581 +/- 0.0112

Std Dev: 0.3926 +/- 0.0079

Entries: 1808

Mean: 23.8214 +/- 0.0112

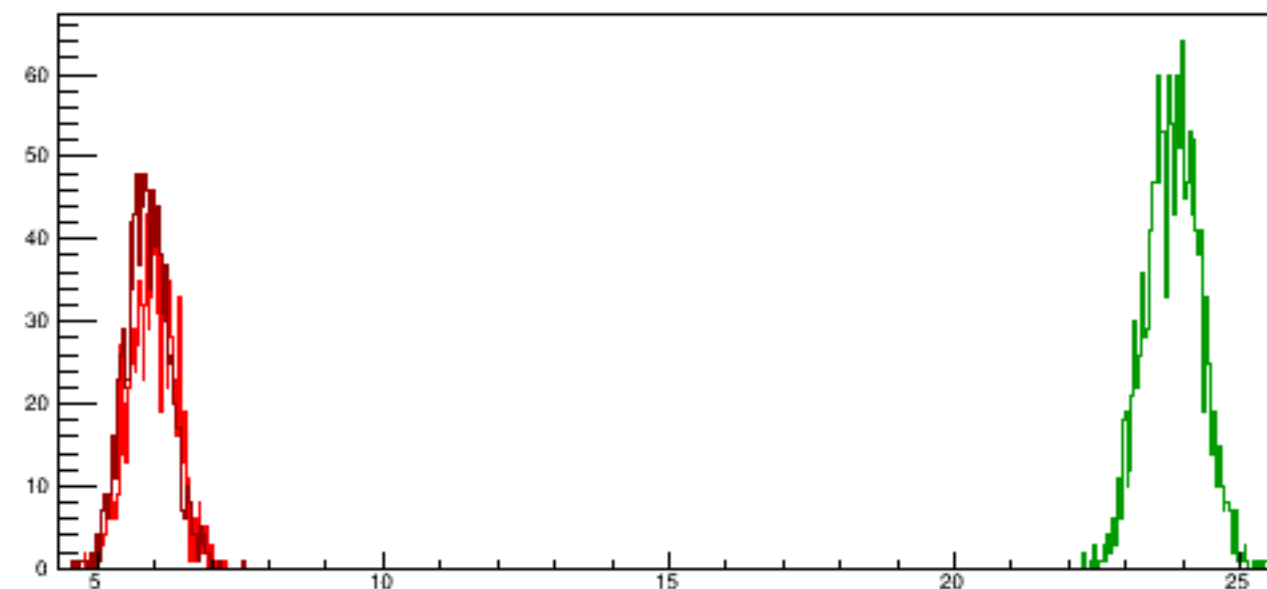
Std Dev: 0.4771 +/- 0.0079

Entries: 1227

Mean: 5.8651 +/- 0.0110

Std Dev: 0.3858 +/- 0.0078

Run 6173 quartetwise, Sums



Cycle 17, Asyms

Entries: 1228

Mean: 0.0013 +/- 0.0005

Std Dev: 0.0186 +/- 0.0004

Entries: 1808

Mean: -0.0320 +/- 0.0006

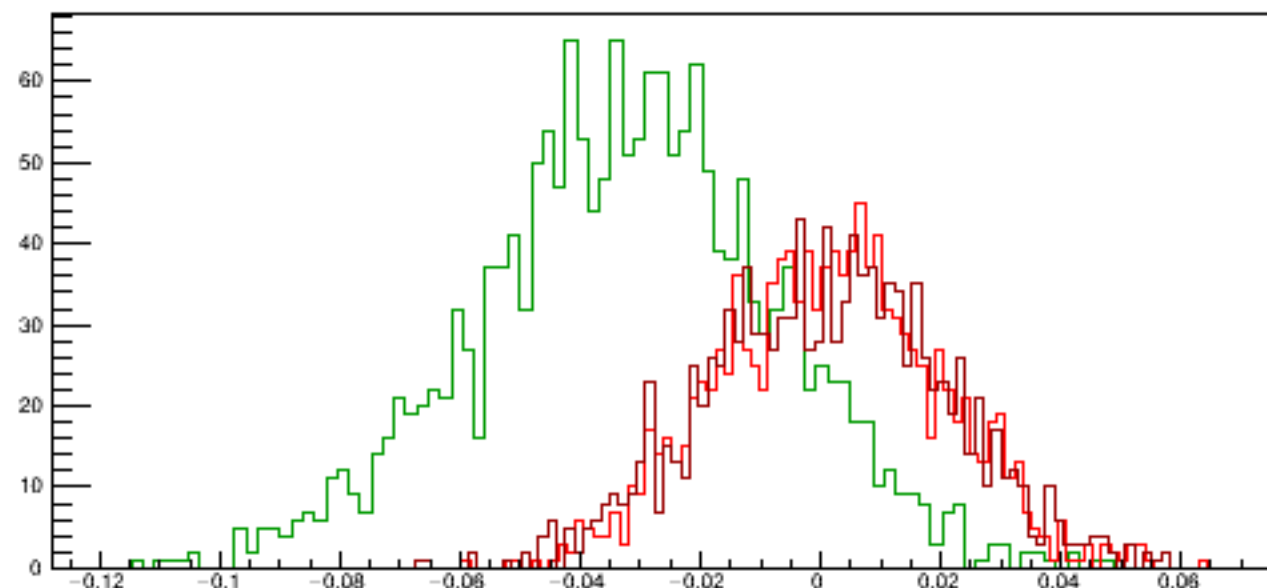
Std Dev: 0.0249 +/- 0.0004

Entries: 1227

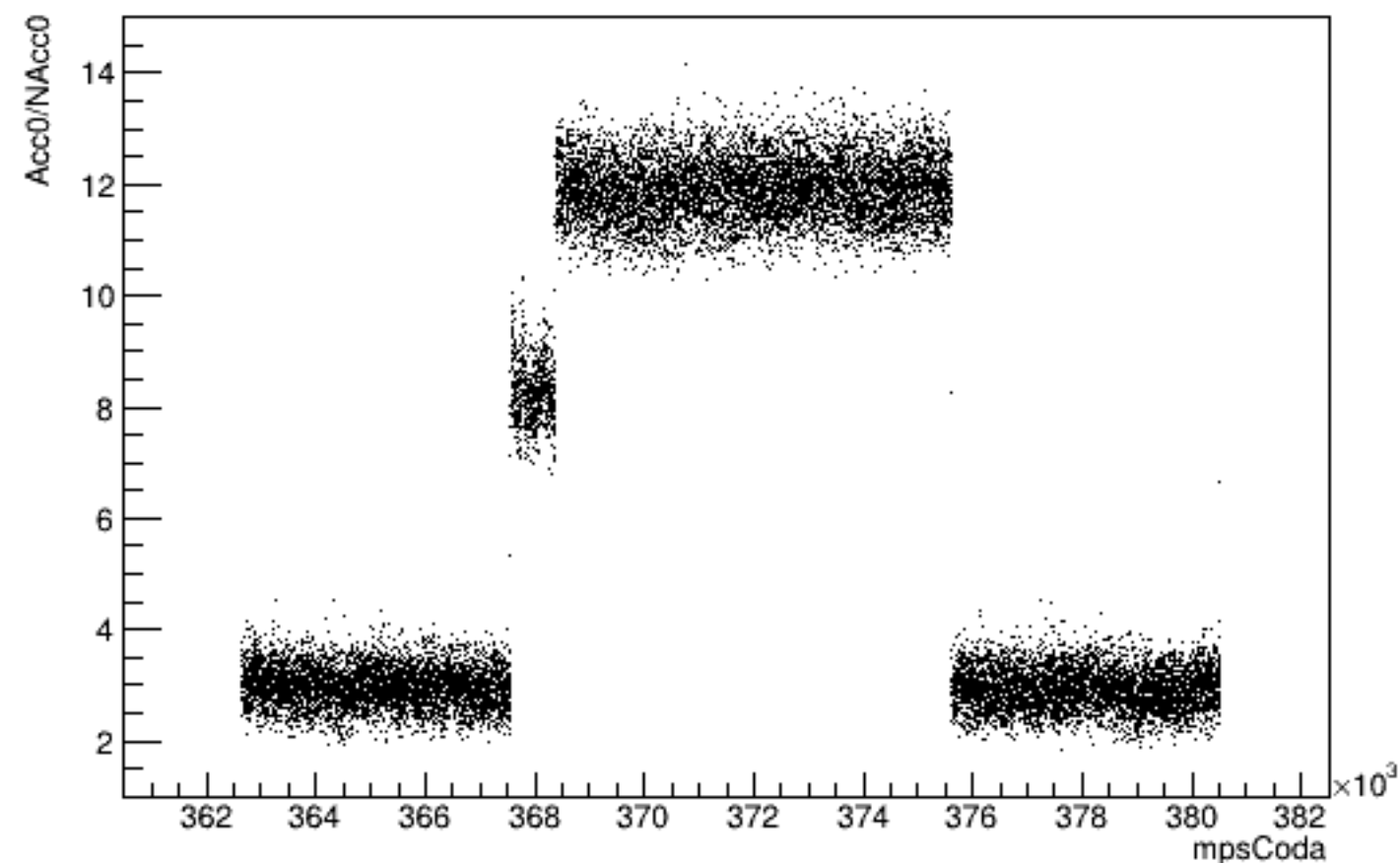
Mean: 0.0009 +/- 0.0006

Std Dev: 0.0199 +/- 0.0004

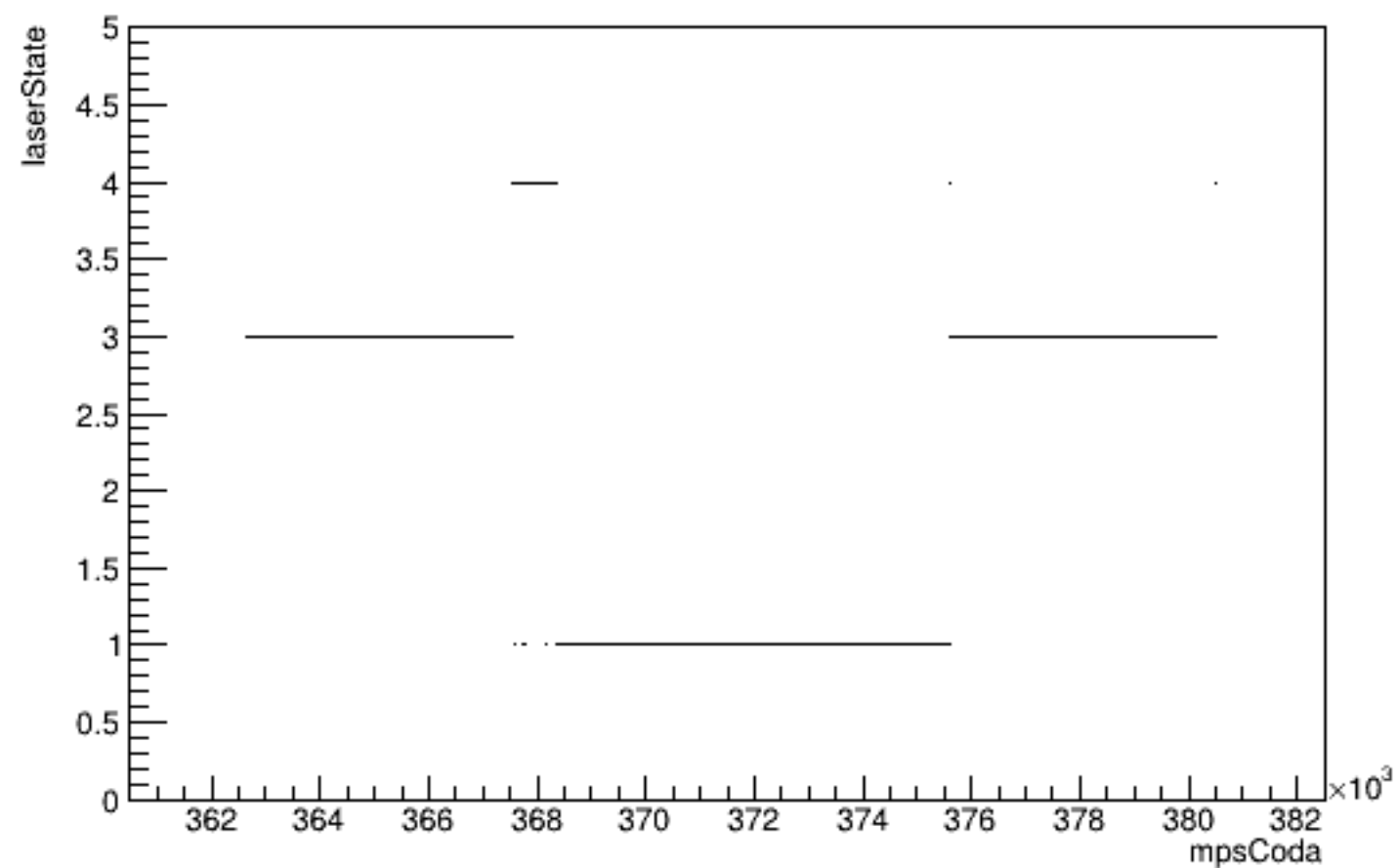
Run 6173 quartetwise, Asyms



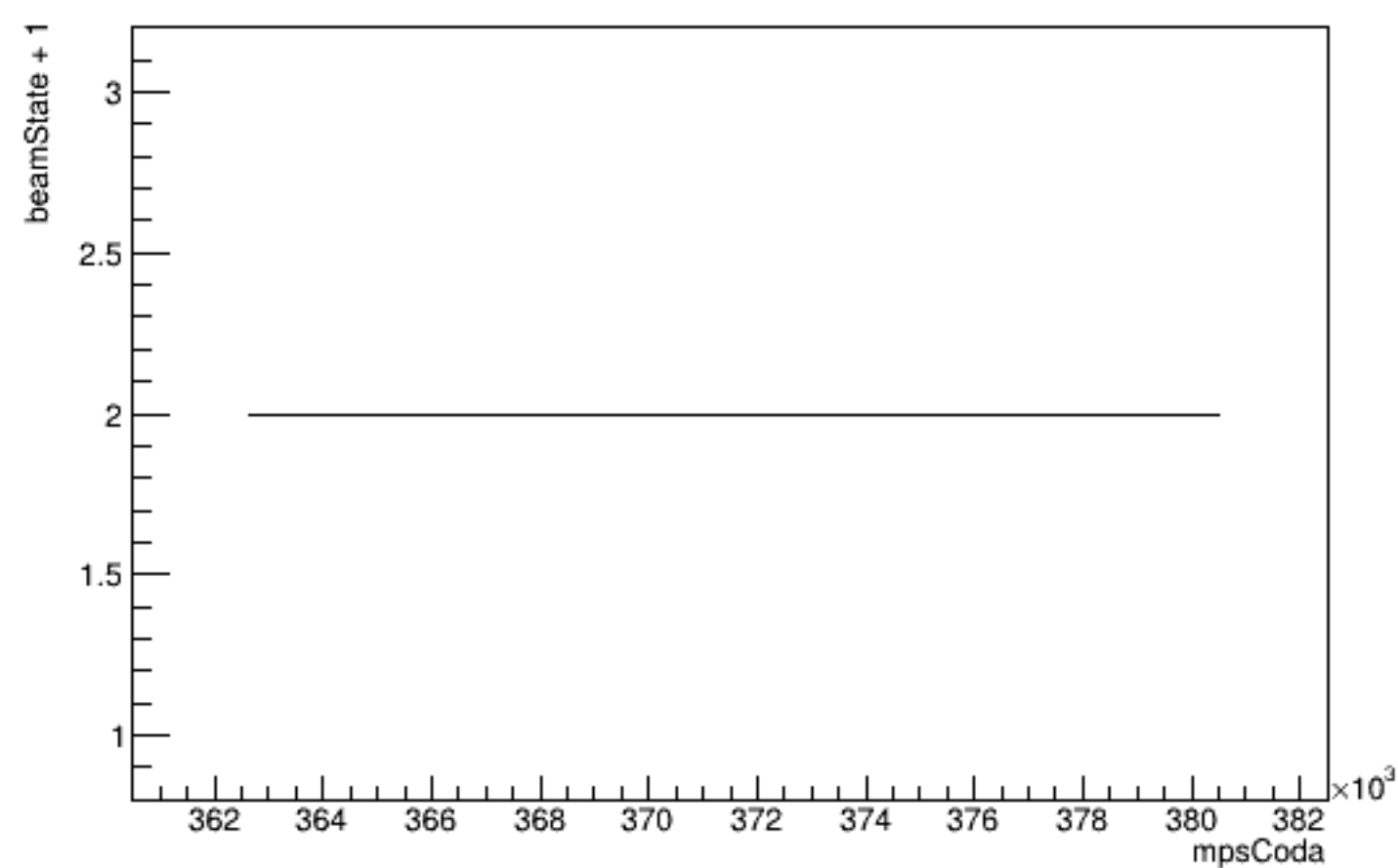
Acc0/NAcc0:mpsCoda (mpsCoda>=362645 && mpsCoda<=380524 && beamState==1)



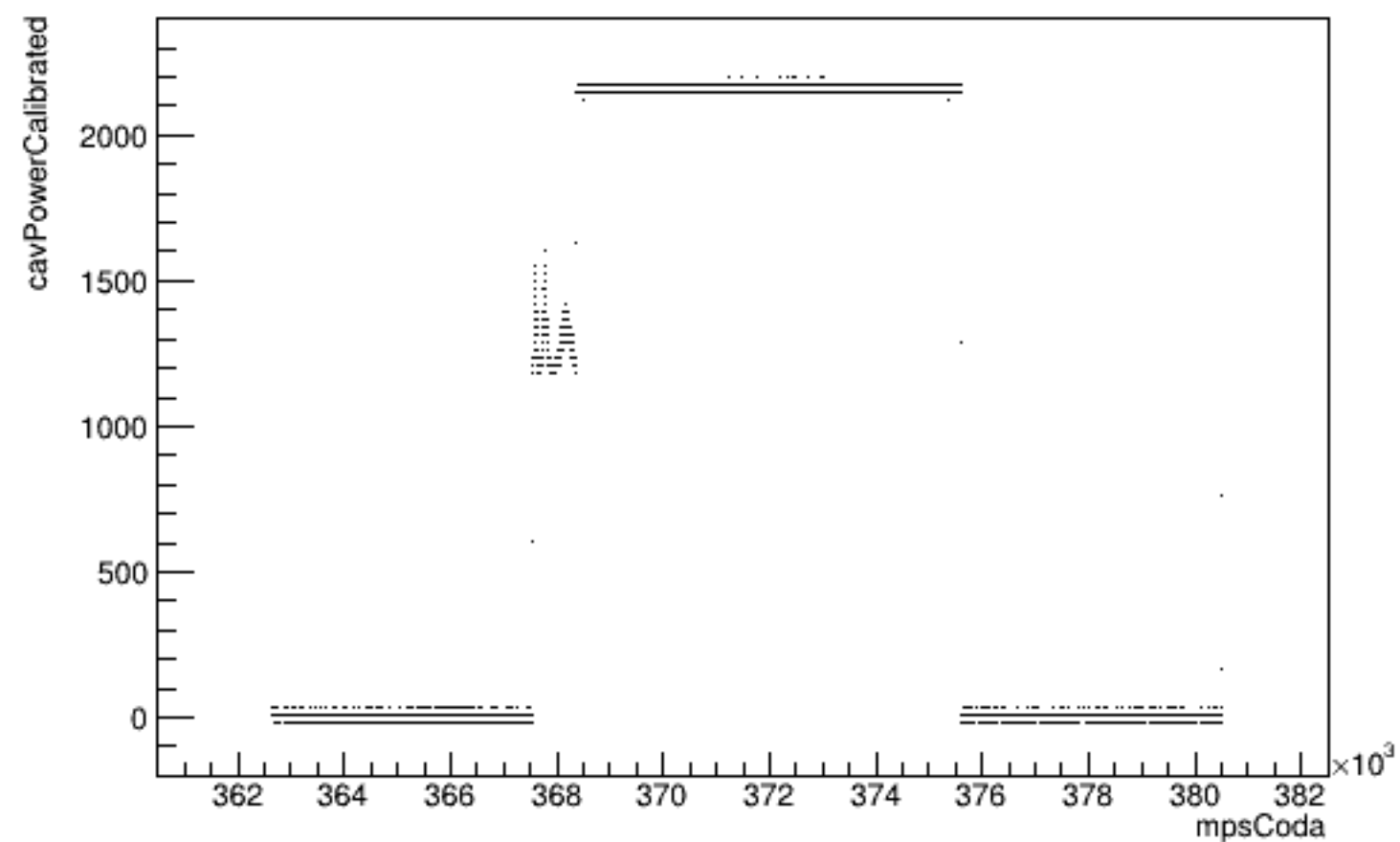
laserState:mpsCoda {mpsCoda>=362645 && mpsCoda<=380524}



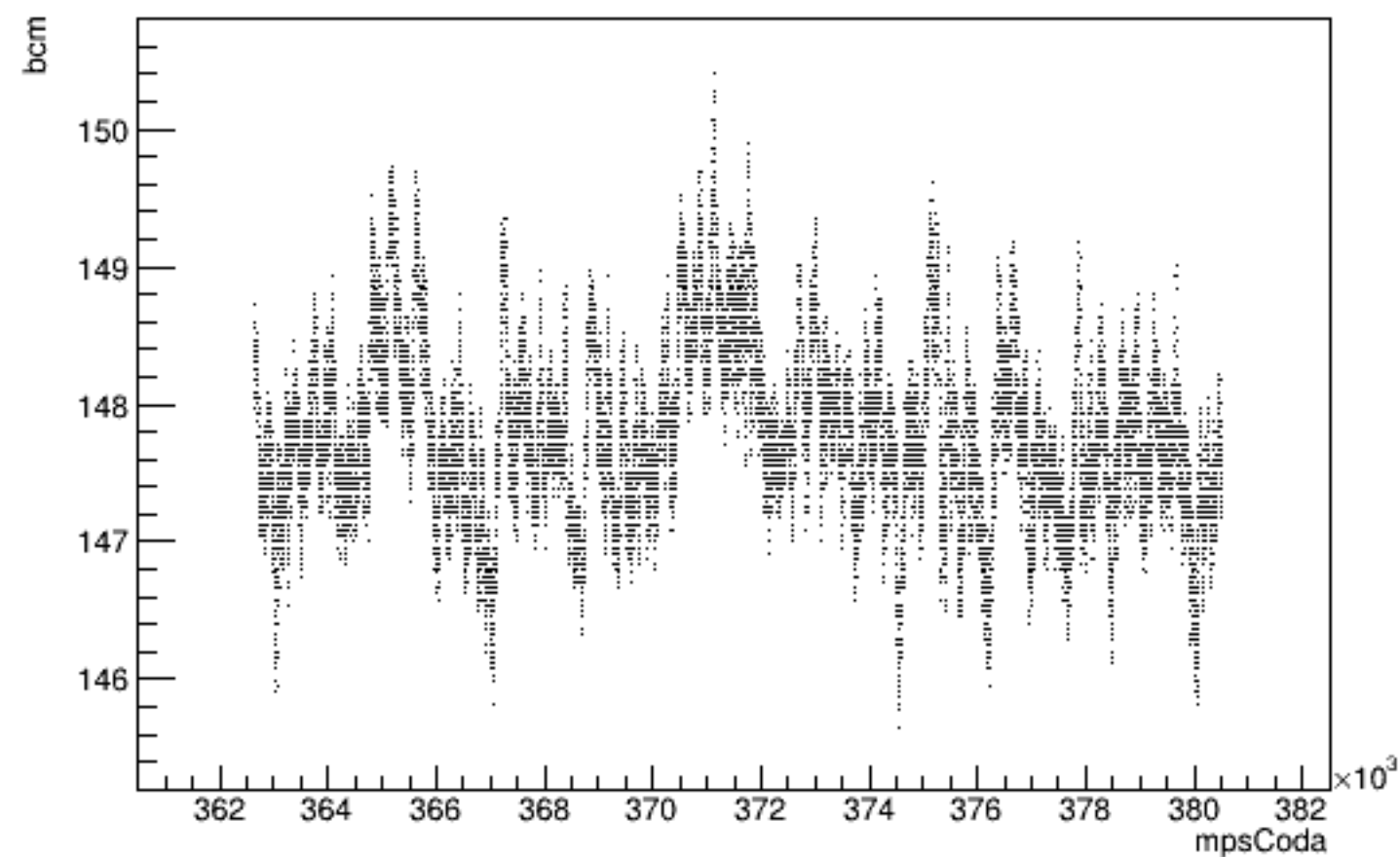
beamState + 1:mpsCoda {mpsCoda>=362645 && mpsCoda<=380524}



cavPowerCalibrated:mpsCoda {mpsCoda>=362645 && mpsCoda<=380524}



bcm:mpsCoda {mpsCoda>=362645 && mpsCoda<=380524}



Cycle 18, Diffs

Entries: 1227

Mean: 0.0162 +/- 0.0102

Std Dev: 0.3568 +/- 0.0072

Entries: 1809

Mean: -0.5625 +/- 0.0110

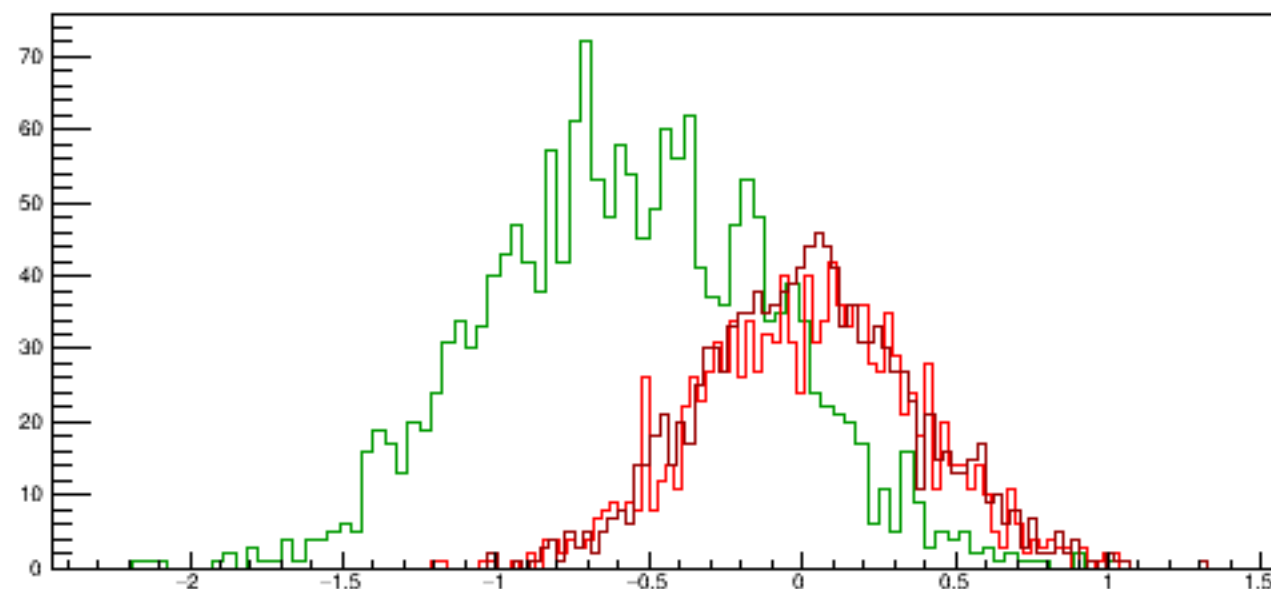
Std Dev: 0.4662 +/- 0.0078

Entries: 1244

Mean: 0.0185 +/- 0.0099

Std Dev: 0.3475 +/- 0.0070

Run 6173 quartetwise, Diffs



Cycle 18, Sums

Entries: 1227

Mean: 5.8651 +/- 0.0110

Std Dev: 0.3858 +/- 0.0078

Entries: 1809

Mean: 23.8163 +/- 0.0114

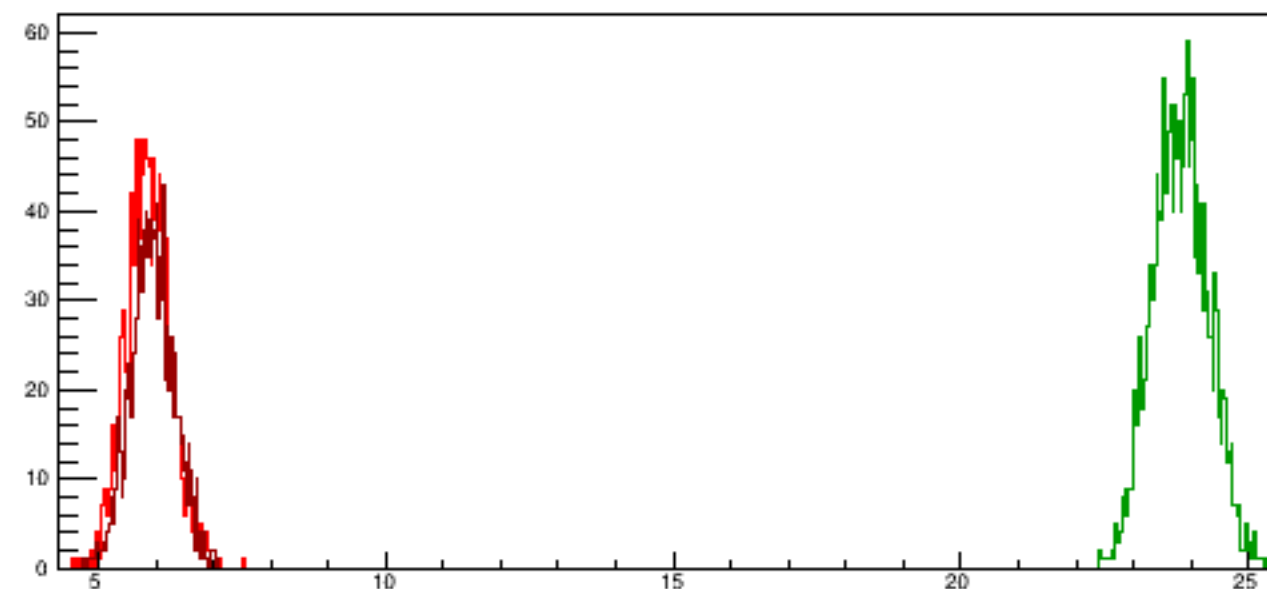
Std Dev: 0.4854 +/- 0.0081

Entries: 1244

Mean: 5.9417 +/- 0.0107

Std Dev: 0.3783 +/- 0.0076

Run 6173 quartetwise, Sums



Cycle 18, Asyms

Entries: 1227

Mean: 0.0009 +/- 0.0006

Std Dev: 0.0199 +/- 0.0004

Entries: 1809

Mean: -0.0314 +/- 0.0006

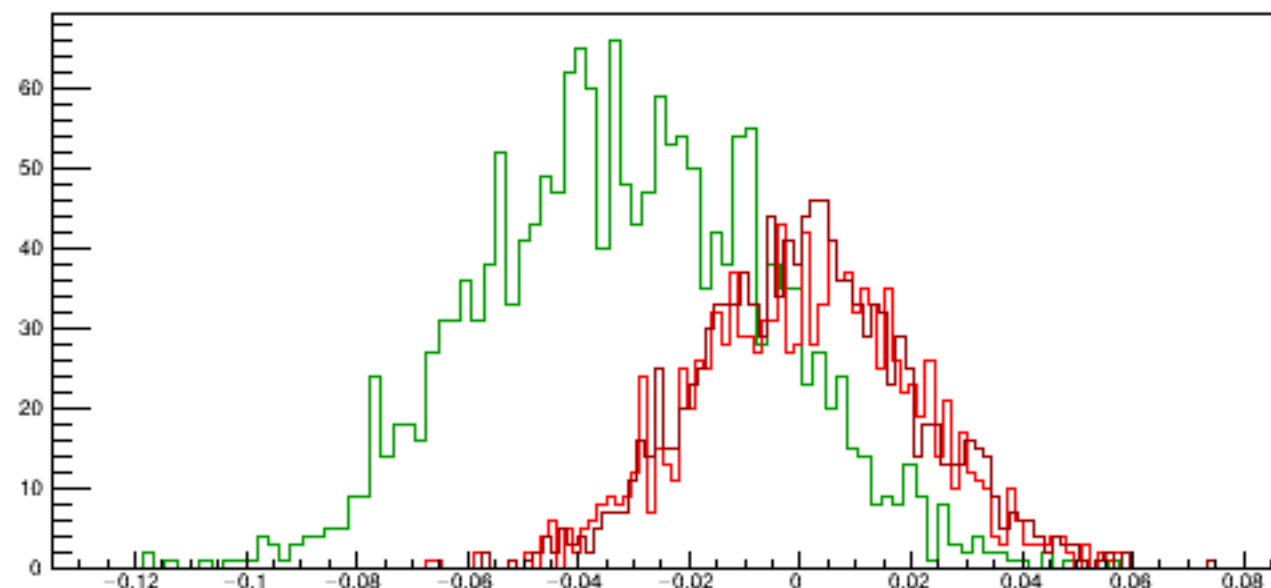
Std Dev: 0.0260 +/- 0.0004

Entries: 1244

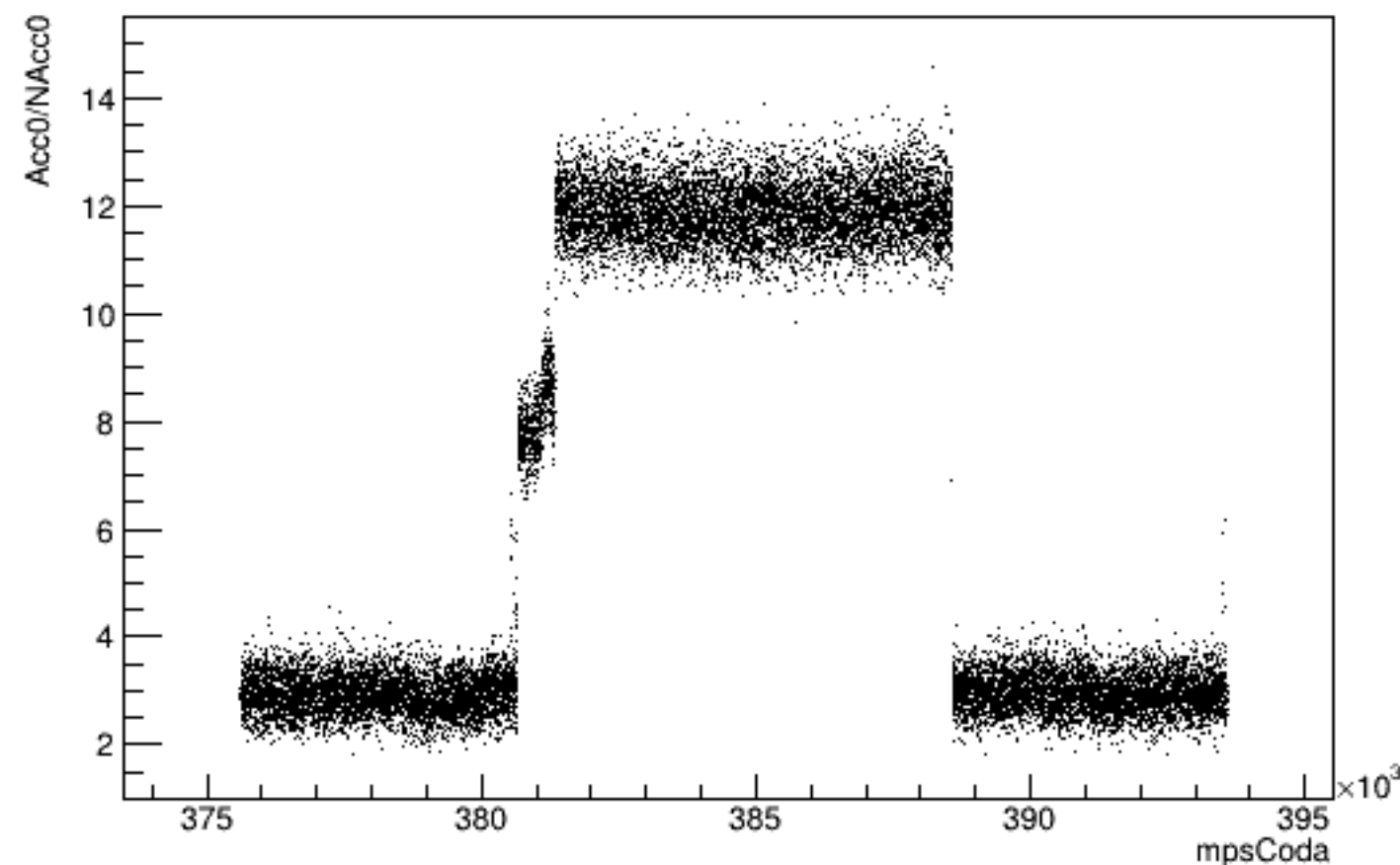
Mean: 0.0010 +/- 0.0005

Std Dev: 0.0194 +/- 0.0004

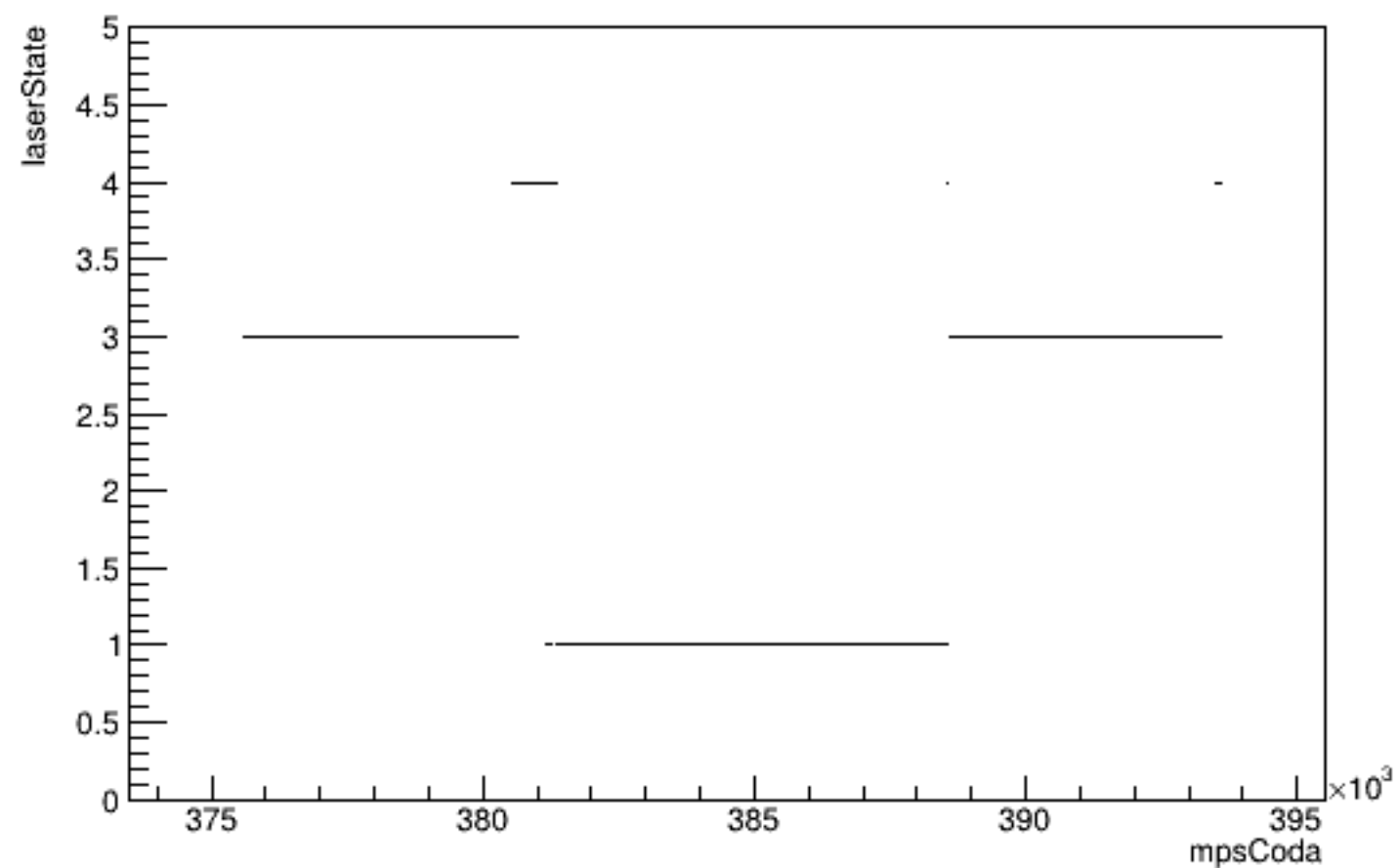
Run 6173 quartetwise, Asyms



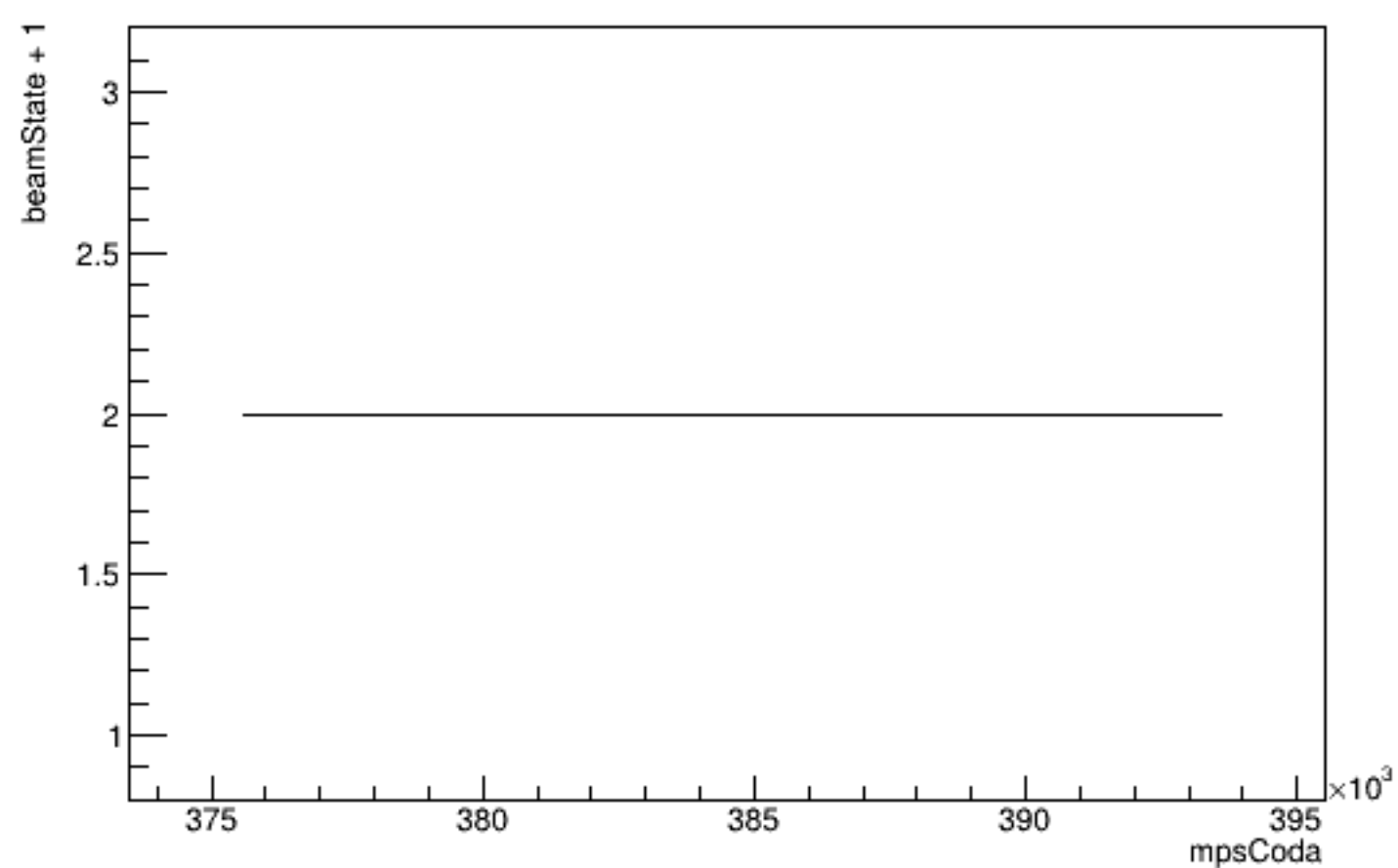
Acc0/NAcc0:mpsCoda (mpsCoda>=375613 && mpsCoda<=393584 && beamState==1)



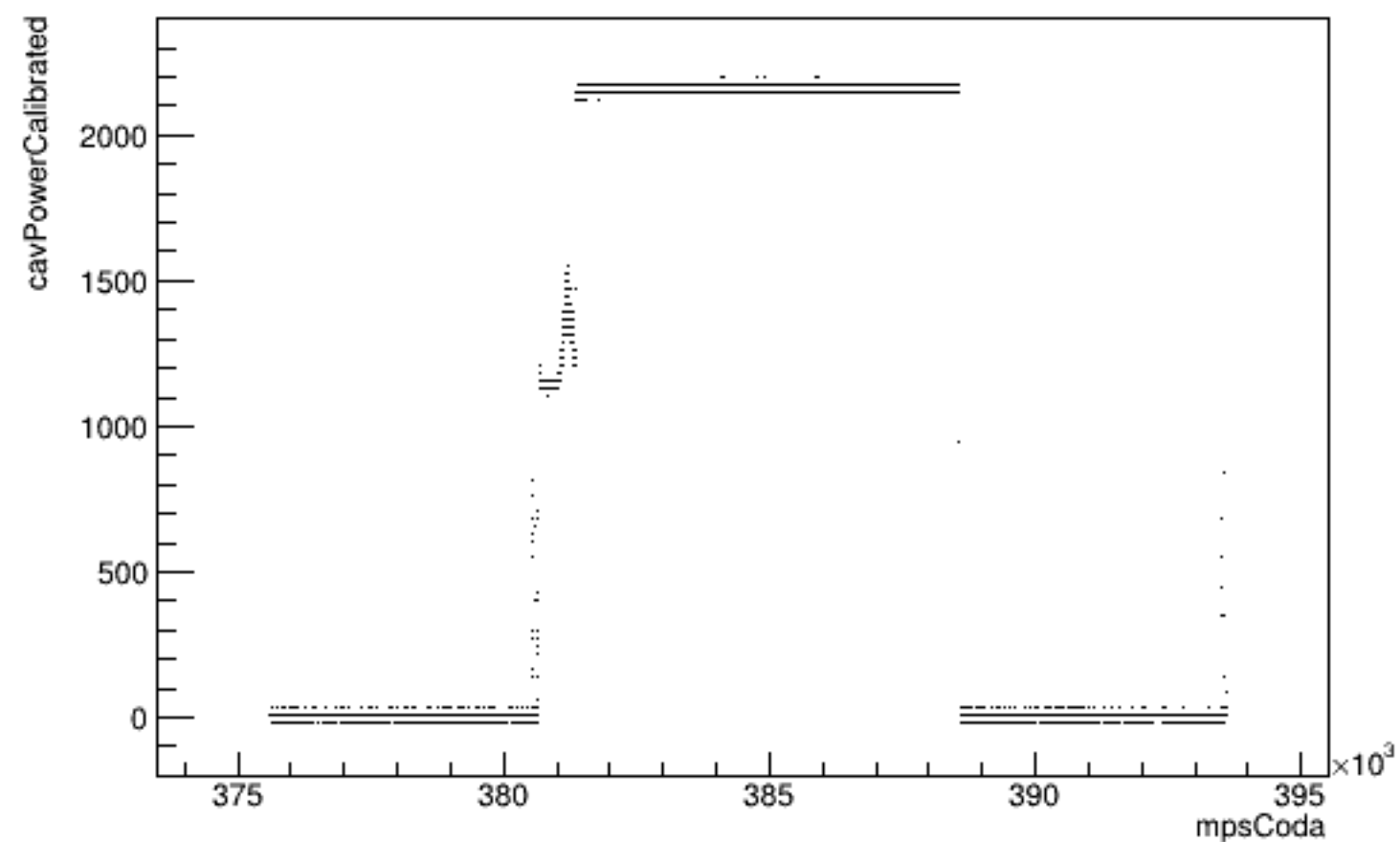
laserState:mpsCoda {mpsCoda>=375613 && mpsCoda<=393584}



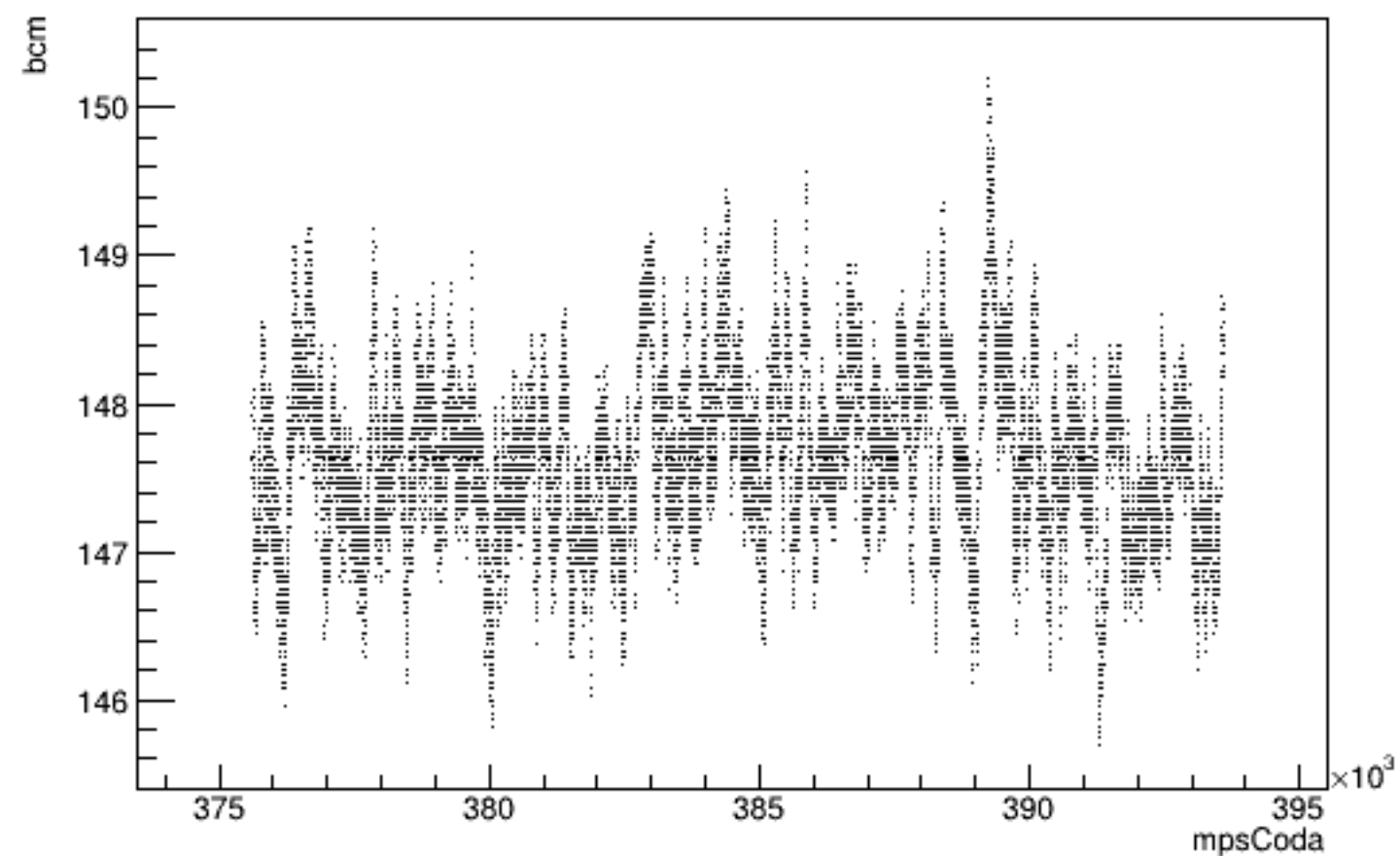
beamState + 1:mpsCoda {mpsCoda>=375613 && mpsCoda<=393584}



cavPowerCalibrated:mpsCoda {mpsCoda>=375613 && mpsCoda<=393584}



bcm:mpsCoda {mpsCoda>=375613 && mpsCoda<=393584}



Cycle 19, Diffs

Entries: 1244

Mean: 0.0185 +/- 0.0099

Std Dev: 0.3475 +/- 0.0070

Entries: 1808

Mean: -0.5563 +/- 0.0112

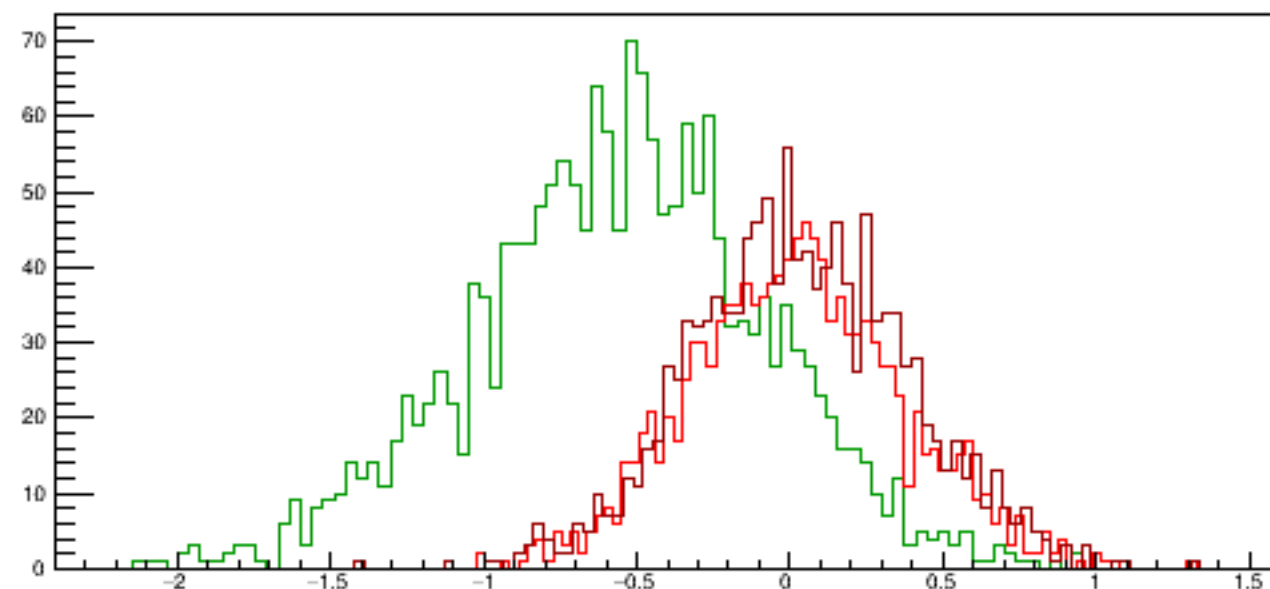
Std Dev: 0.4767 +/- 0.0079

Entries: 1229

Mean: 0.0307 +/- 0.0101

Std Dev: 0.3549 +/- 0.0072

Run 6173 quartetwise, Diffs



Cycle 19, Sums

Entries: 1244

Mean: 5.9417 +/- 0.0107

Std Dev: 0.3783 +/- 0.0076

Entries: 1808

Mean: 23.8877 +/- 0.0115

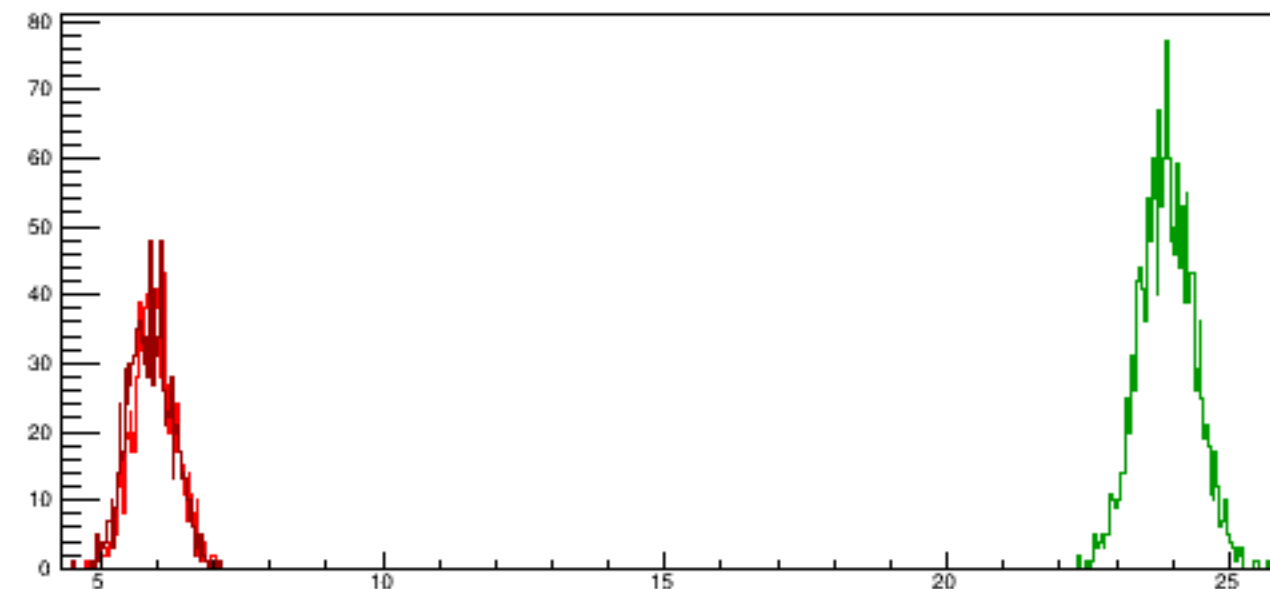
Std Dev: 0.4886 +/- 0.0081

Entries: 1229

Mean: 5.8791 +/- 0.0111

Std Dev: 0.3877 +/- 0.0078

Run 6173 quartetwise, Sums



Cycle 19, Asyms

Entries: 1244

Mean: 0.0010 +/- 0.0005

Std Dev: 0.0193 +/- 0.0004

Entries: 1808

Mean: -0.0310 +/- 0.0006

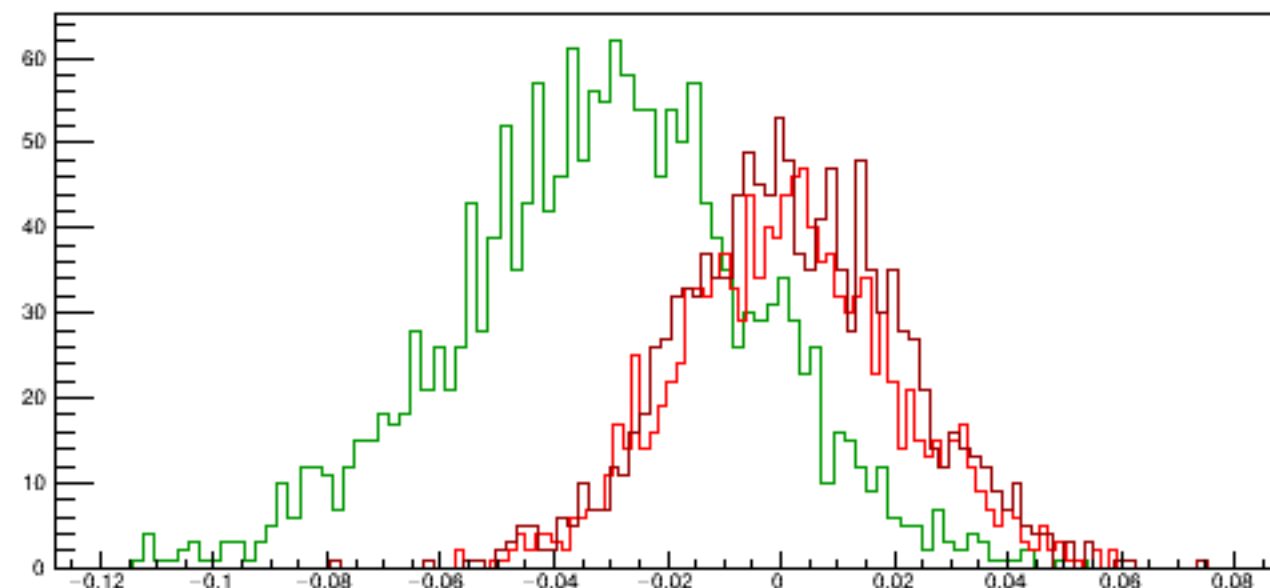
Std Dev: 0.0265 +/- 0.0004

Entries: 1229

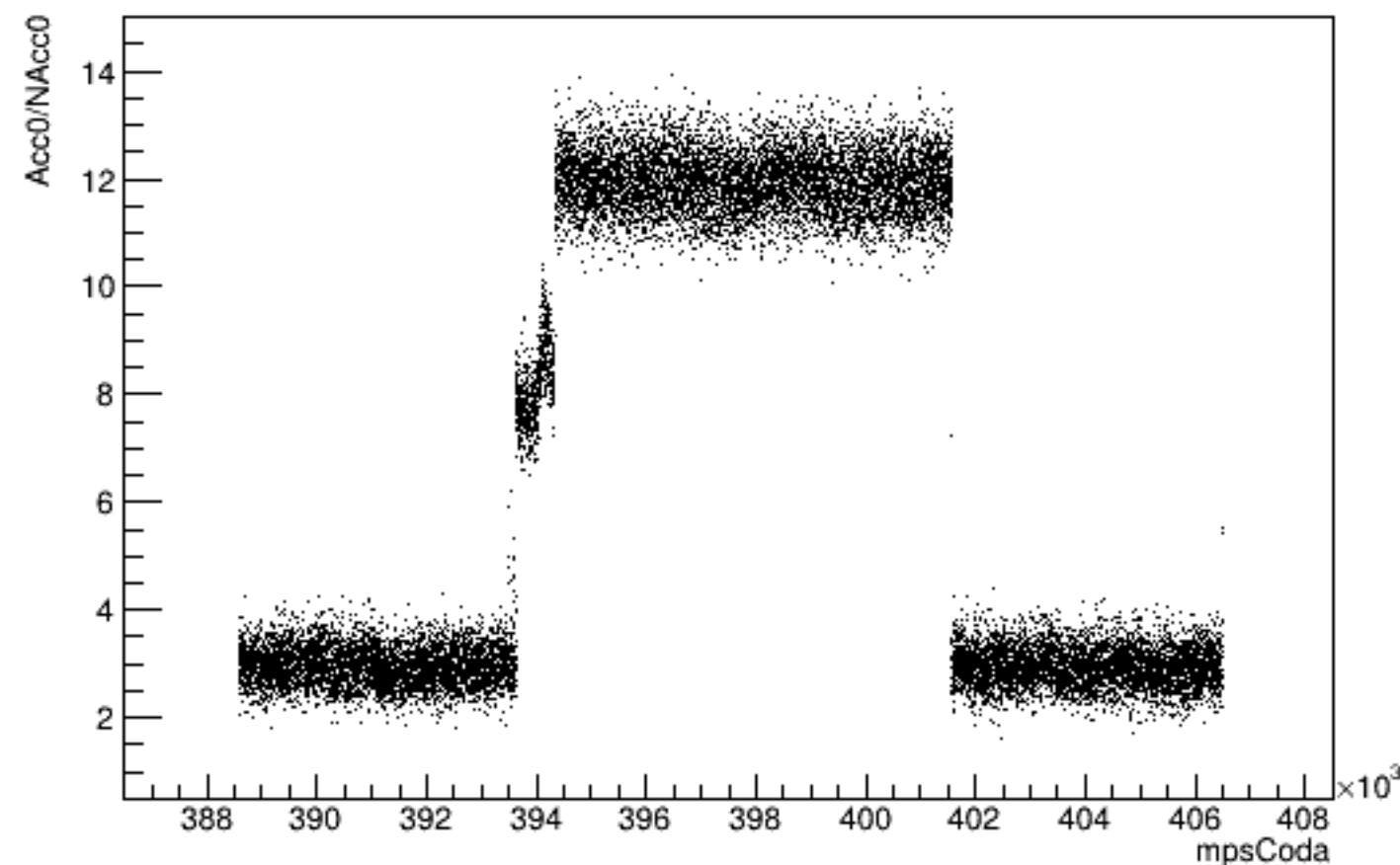
Mean: 0.0017 +/- 0.0006

Std Dev: 0.0197 +/- 0.0004

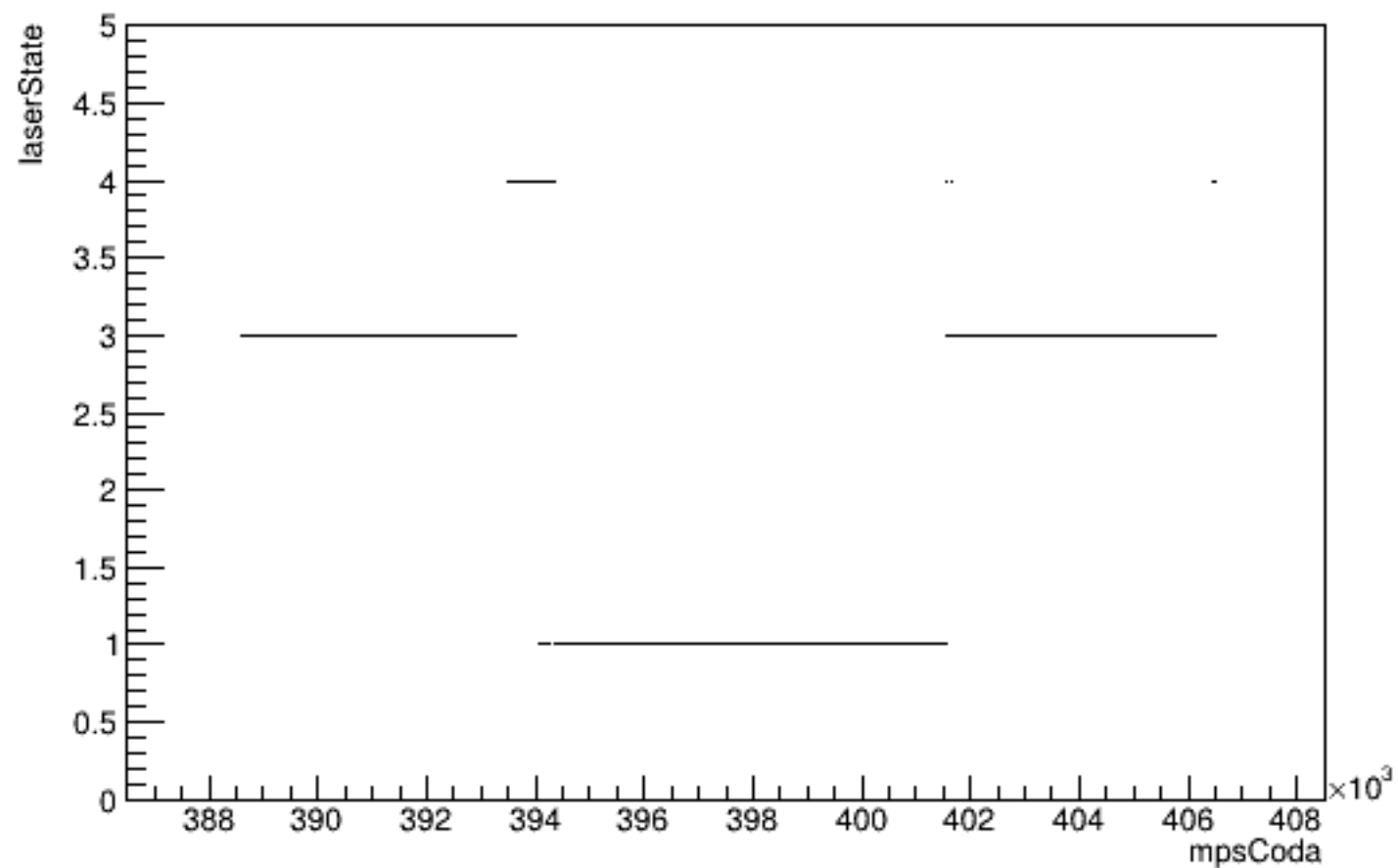
Run 6173 quartetwise, Asyms



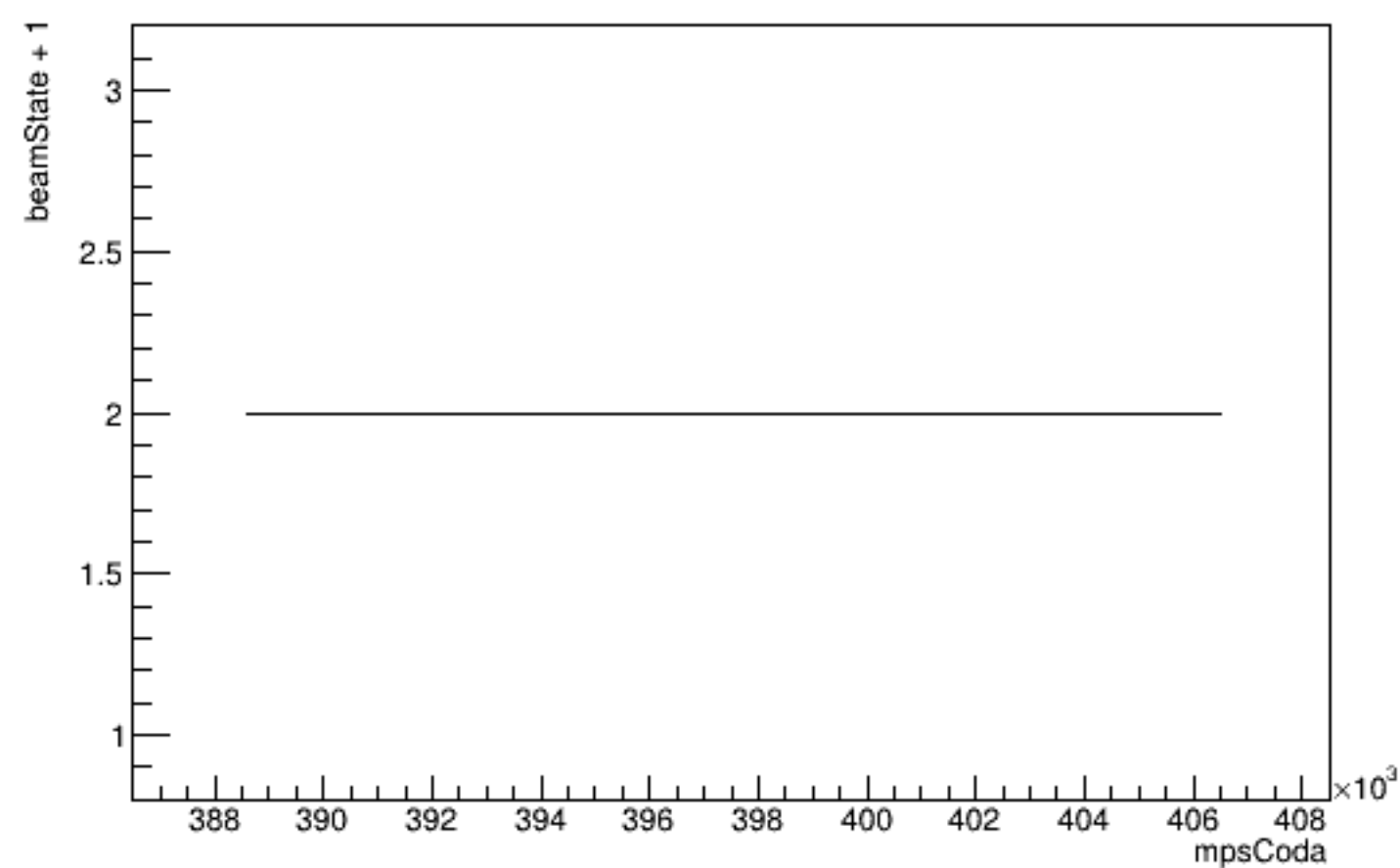
Acc0/NAcc0:mpsCoda (mpsCoda>=388581 && mpsCoda<=406500 && beamState==1)



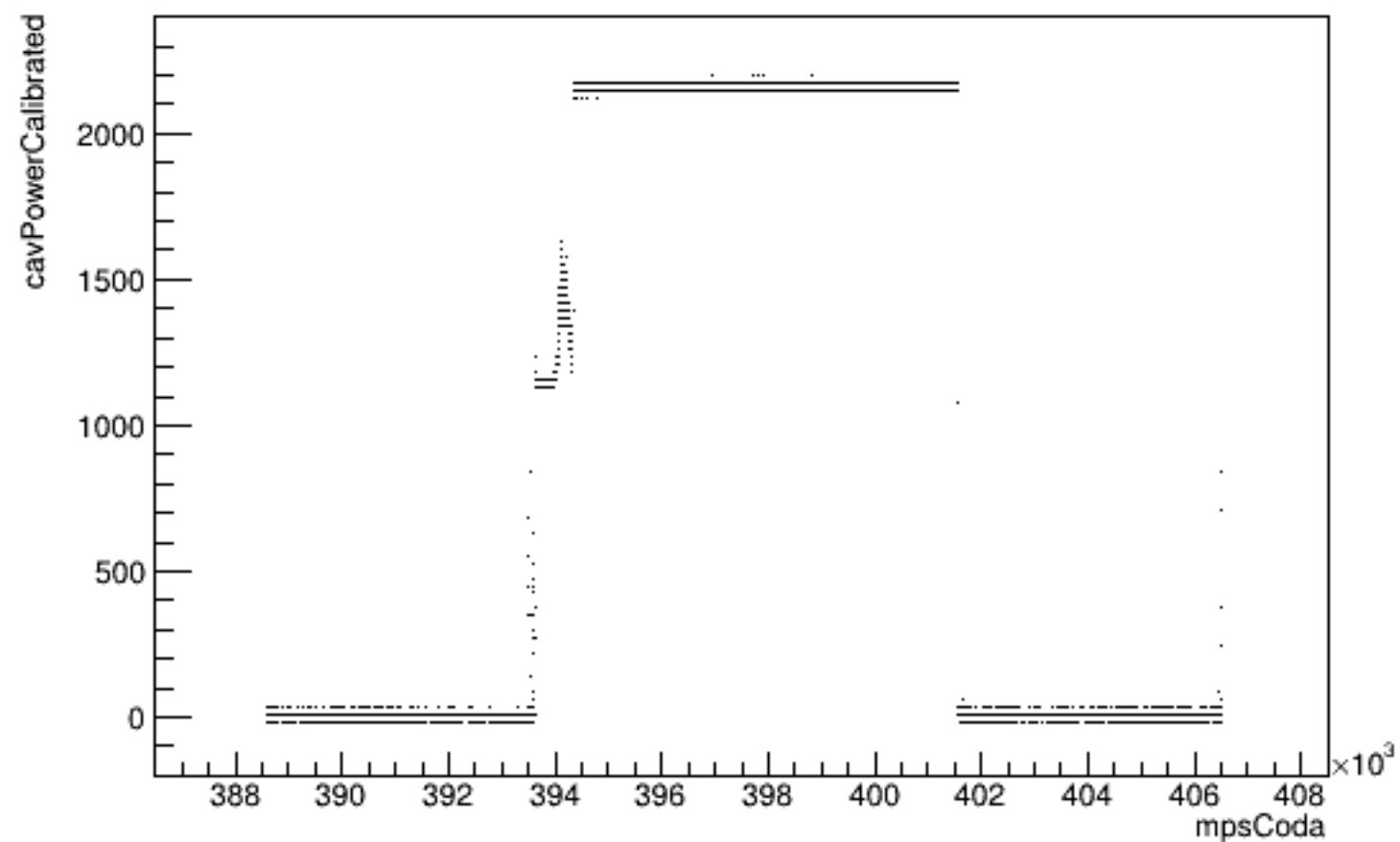
laserState:mpsCoda {mpsCoda>=388581 && mpsCoda<=406500}



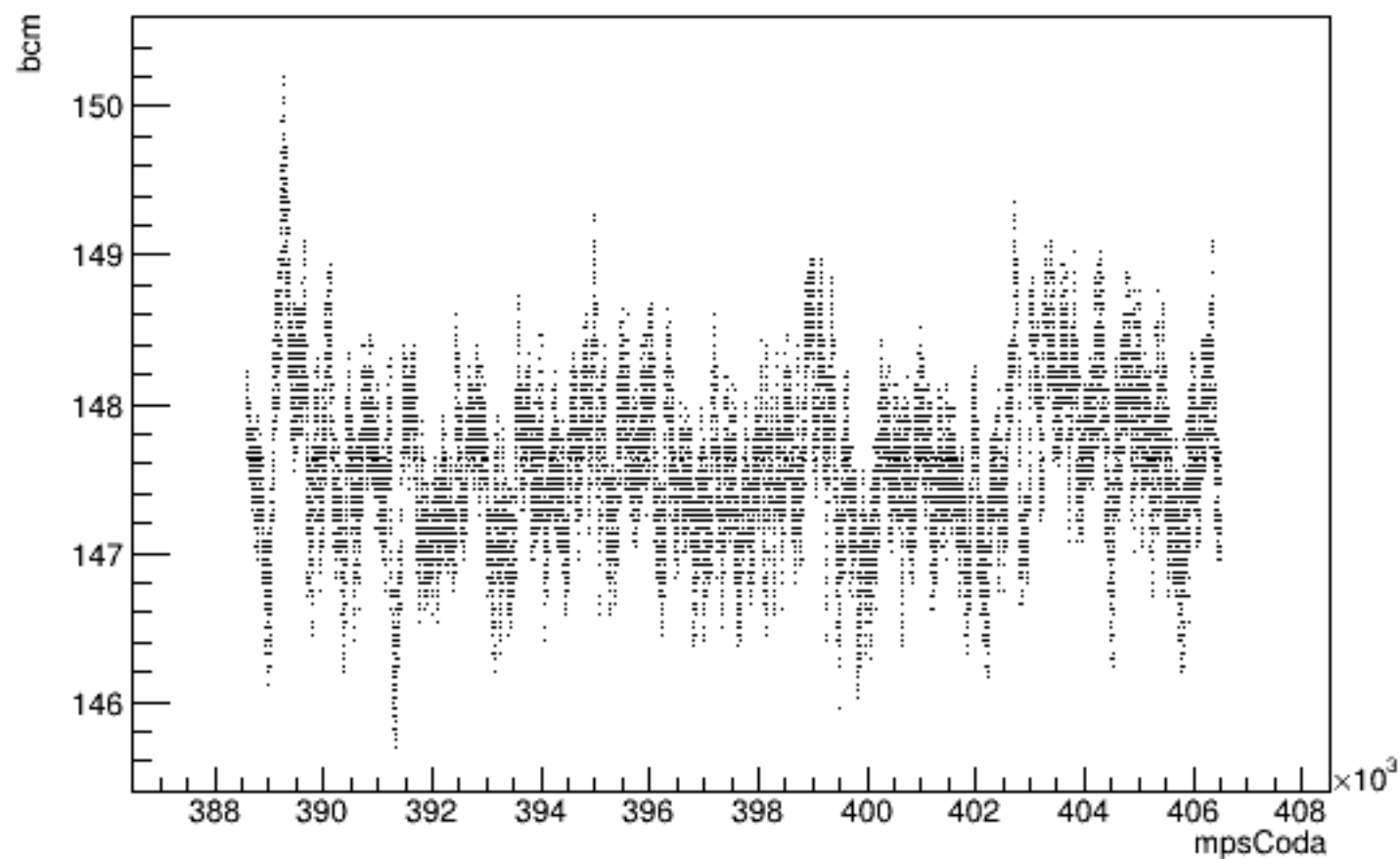
beamState + 1:mpsCoda {mpsCoda>=388581 && mpsCoda<=406500}



cavPowerCalibrated:mpsCoda {mpsCoda>=388581 && mpsCoda<=406500}



bcm:mpsCoda {mpsCoda>=388581 && mpsCoda<=406500}



Cycle 20, Diffs

Entries: 1225

Mean: 0.0209 +/- 0.0101

Std Dev: 0.3540 +/- 0.0072

Entries: 1809

Mean: -0.5730 +/- 0.0110

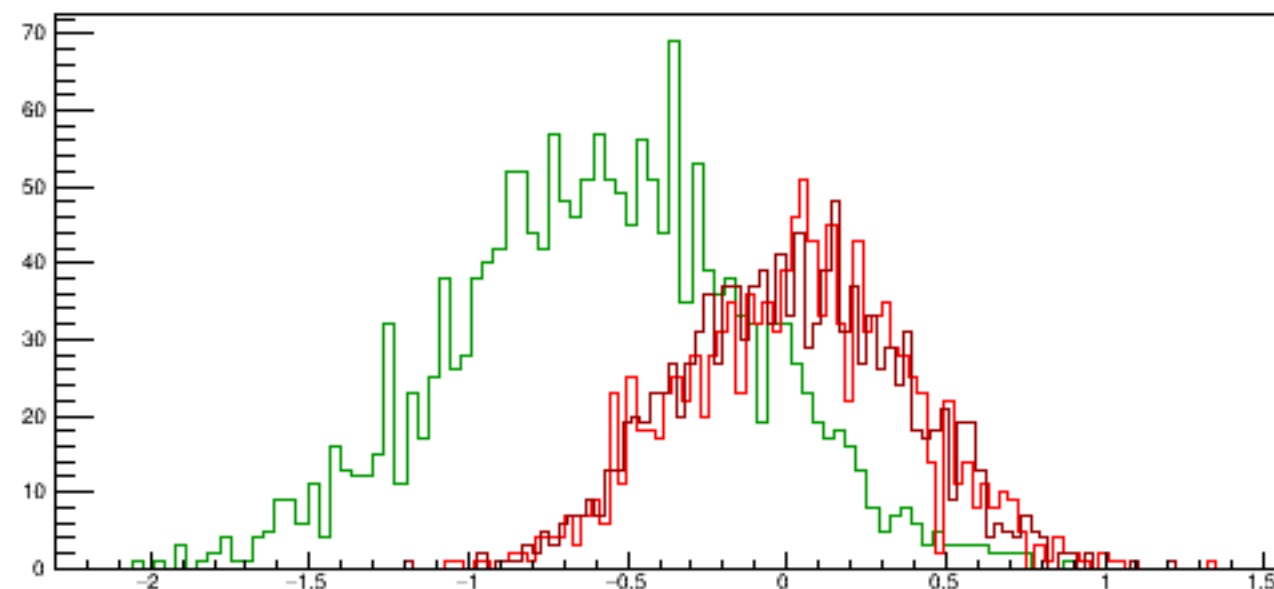
Std Dev: 0.4695 +/- 0.0078

Entries: 1246

Mean: 0.0113 +/- 0.0100

Std Dev: 0.3538 +/- 0.0071

Run 6173 quartetwise, Diffs



Cycle 20, Sums

Entries: 1225

Mean: 5.9153 +/- 0.0109

Std Dev: 0.3831 +/- 0.0077

Entries: 1809

Mean: 23.8316 +/- 0.0117

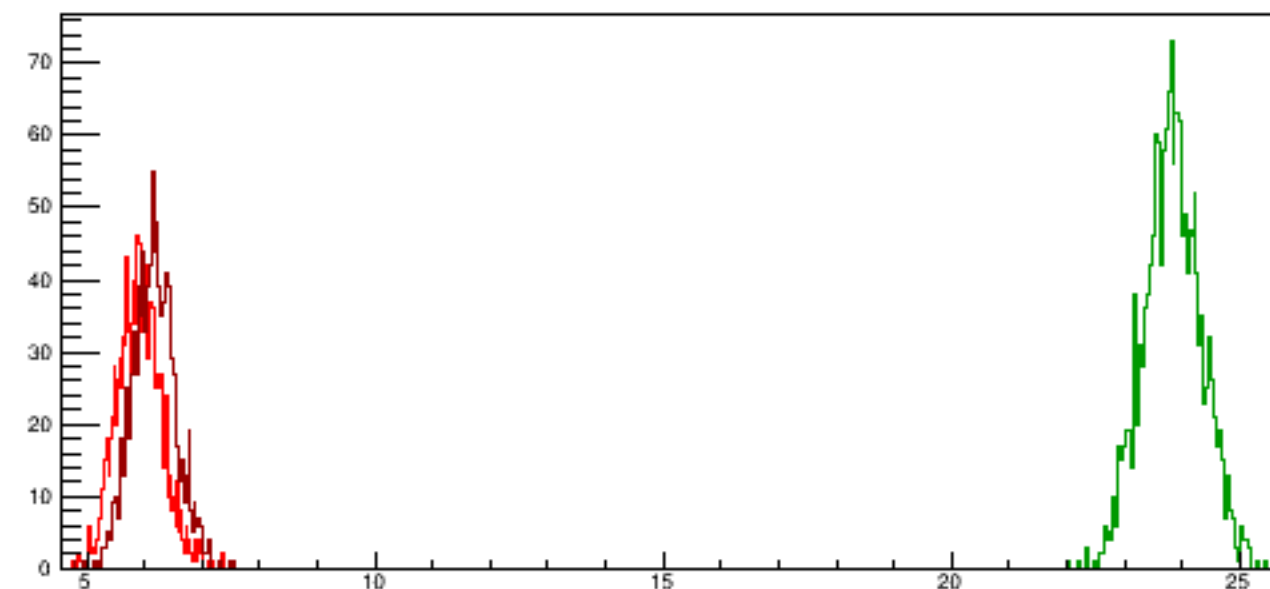
Std Dev: 0.4957 +/- 0.0082

Entries: 1246

Mean: 6.1586 +/- 0.0106

Std Dev: 0.3730 +/- 0.0075

Run 6173 quartetwise, Sums



Cycle 20, Asyms

Entries: 1225

Mean: 0.0012 +/- 0.0006

Std Dev: 0.0199 +/- 0.0004

Entries: 1809

Mean: -0.0322 +/- 0.0006

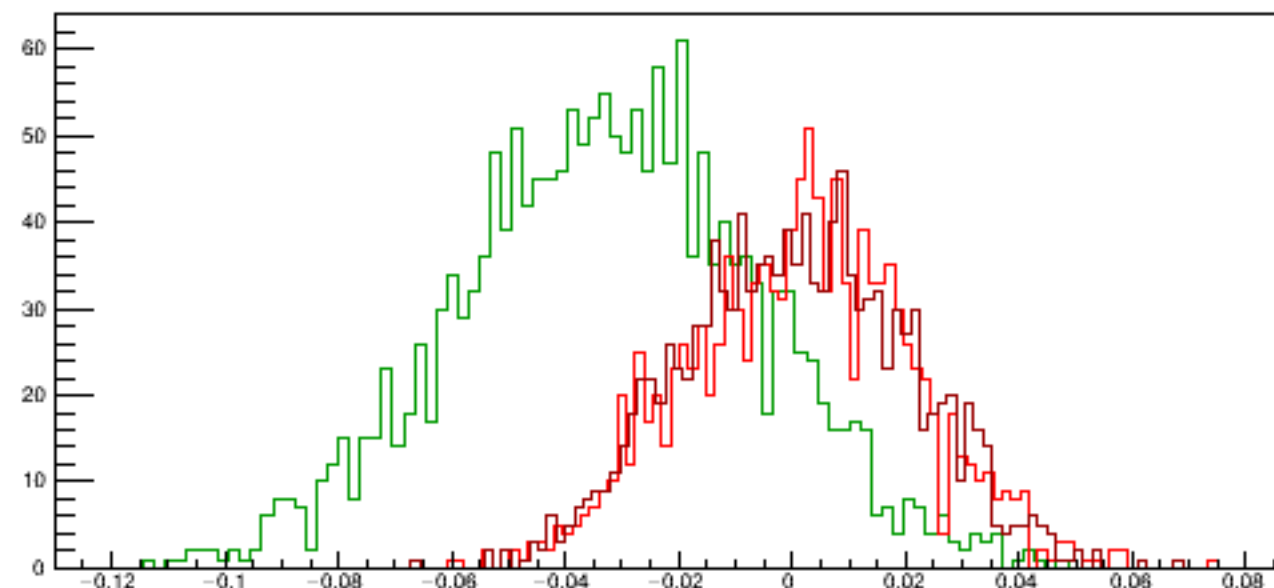
Std Dev: 0.0264 +/- 0.0004

Entries: 1246

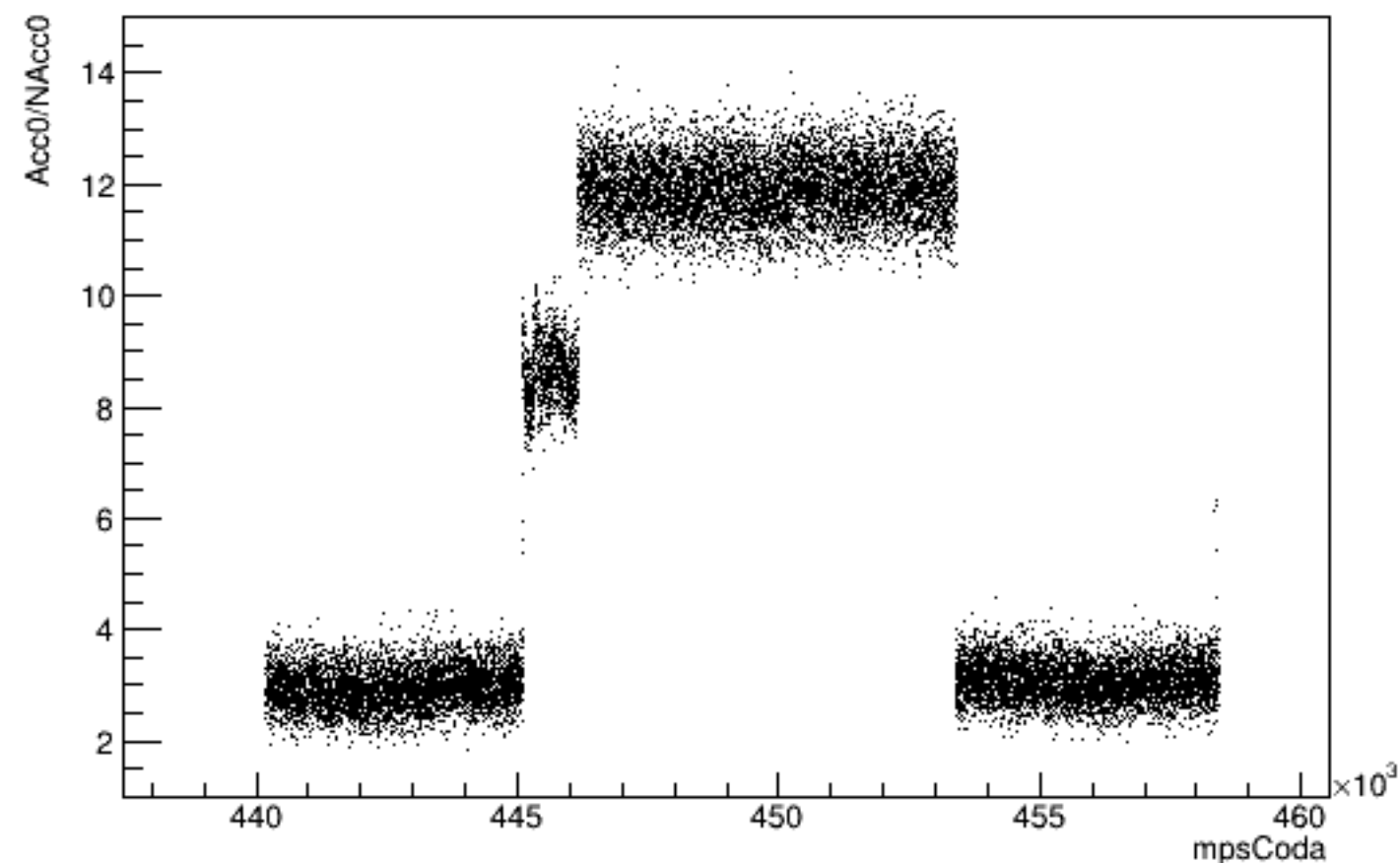
Mean: 0.0006 +/- 0.0006

Std Dev: 0.0199 +/- 0.0004

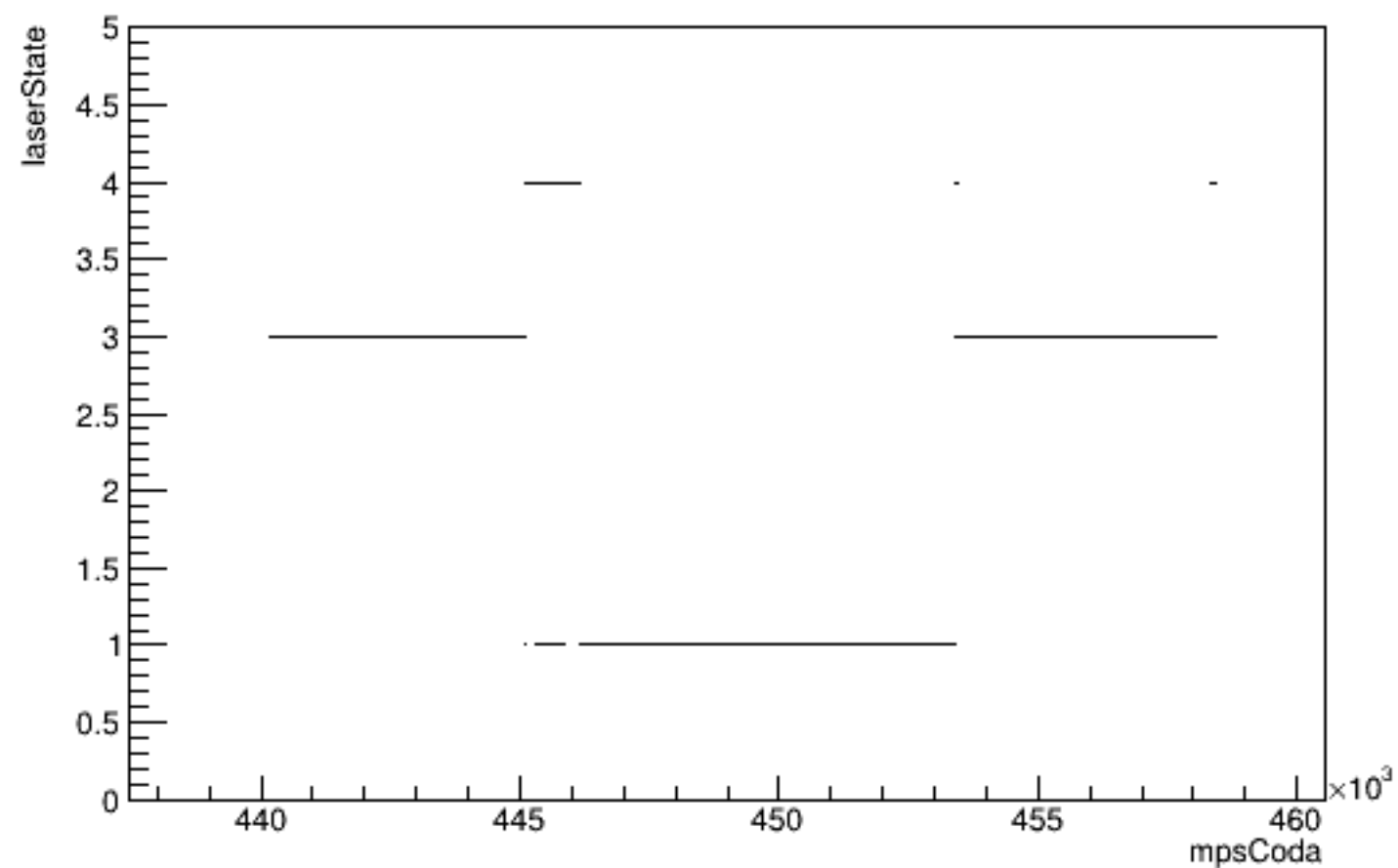
Run 6173 quartetwise, Asyms



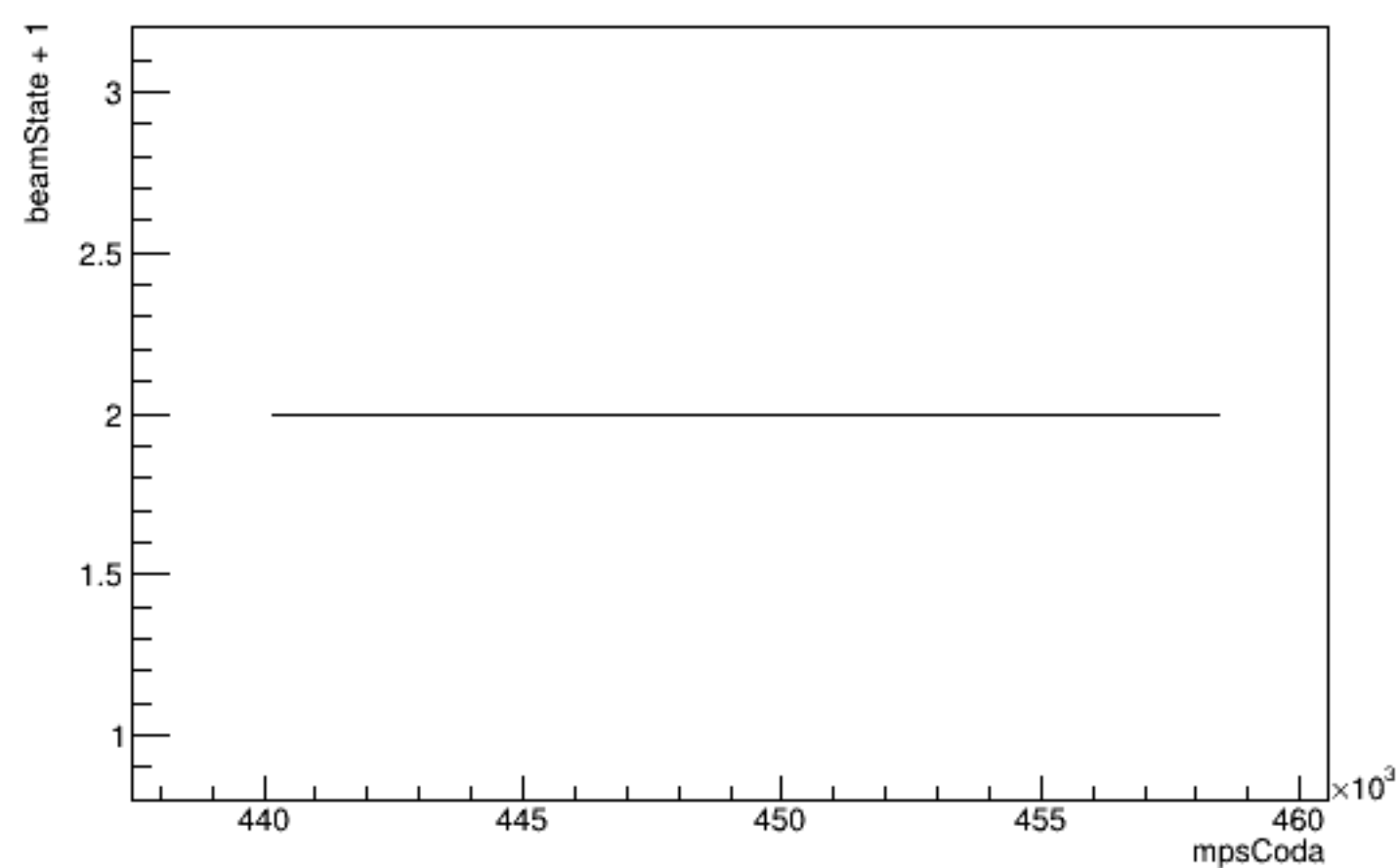
Acc0/NAcc0:mpsCoda (mpsCoda>=440185 && mpsCoda<=458420 && beamState==1)



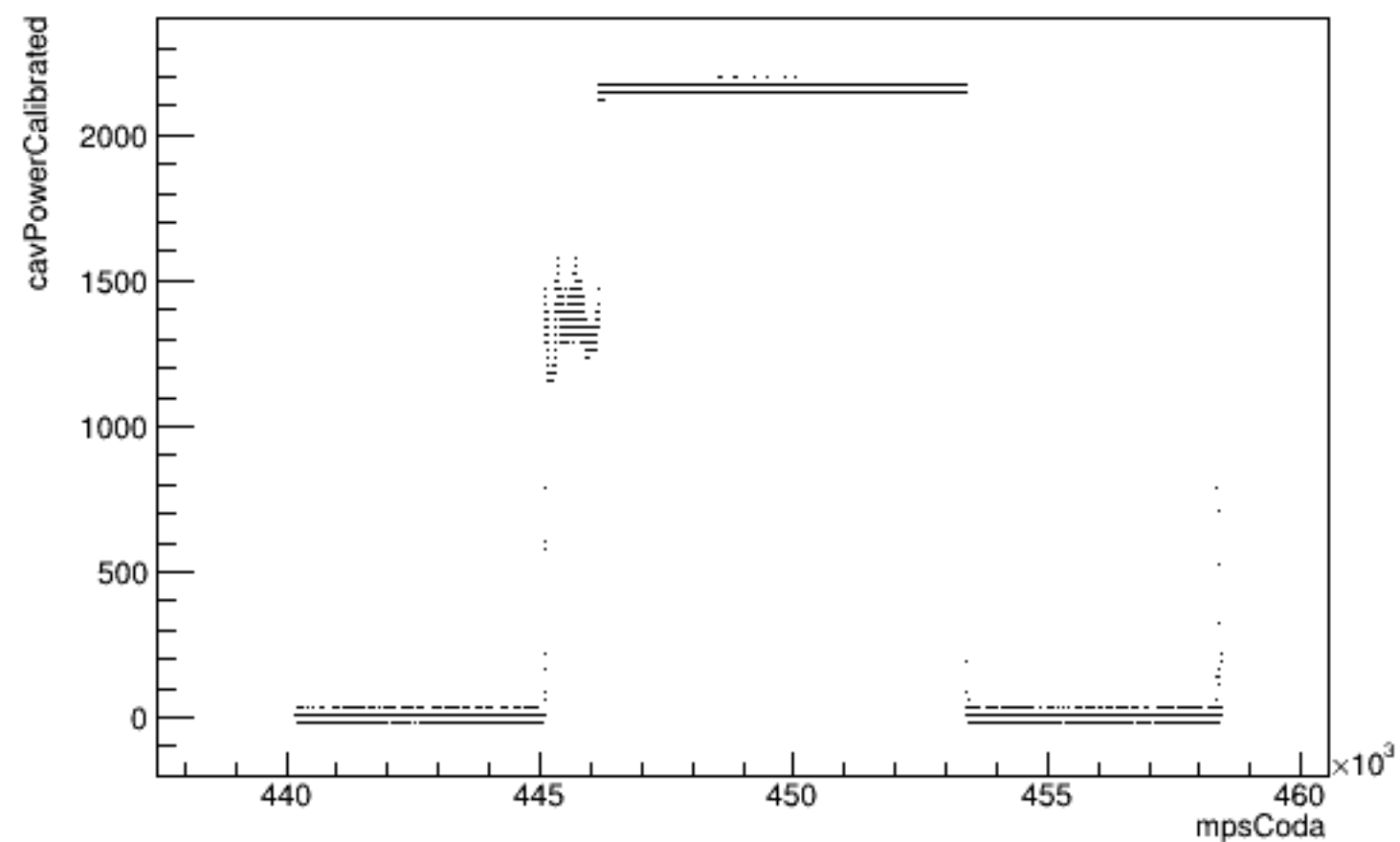
laserState:mpsCoda {mpsCoda>=440185 && mpsCoda<=458420}



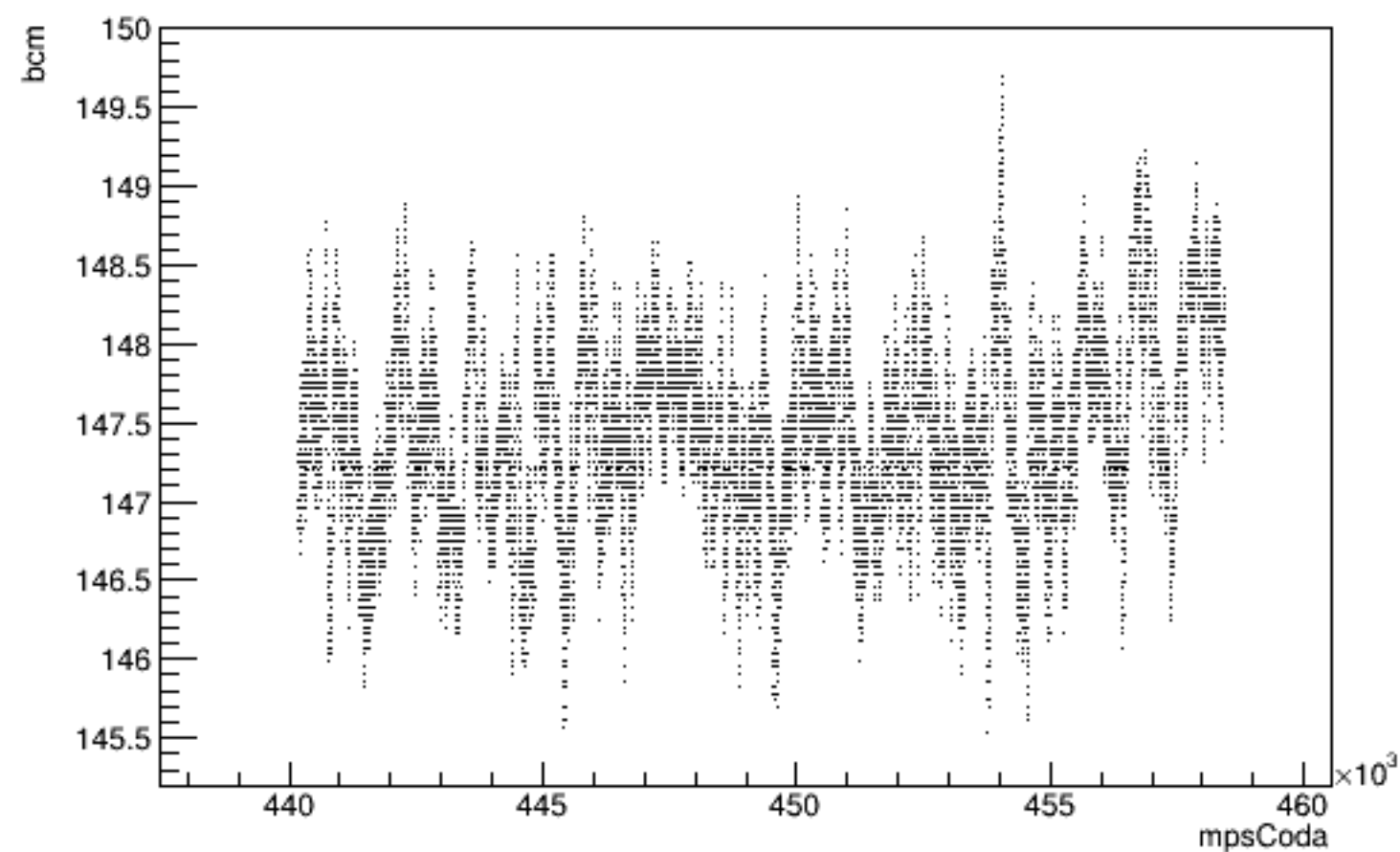
beamState + 1:mpsCoda {mpsCoda>=440185 && mpsCoda<=458420}



cavPowerCalibrated:mpsCoda {mpsCoda>=440185 && mpsCoda<=458420}



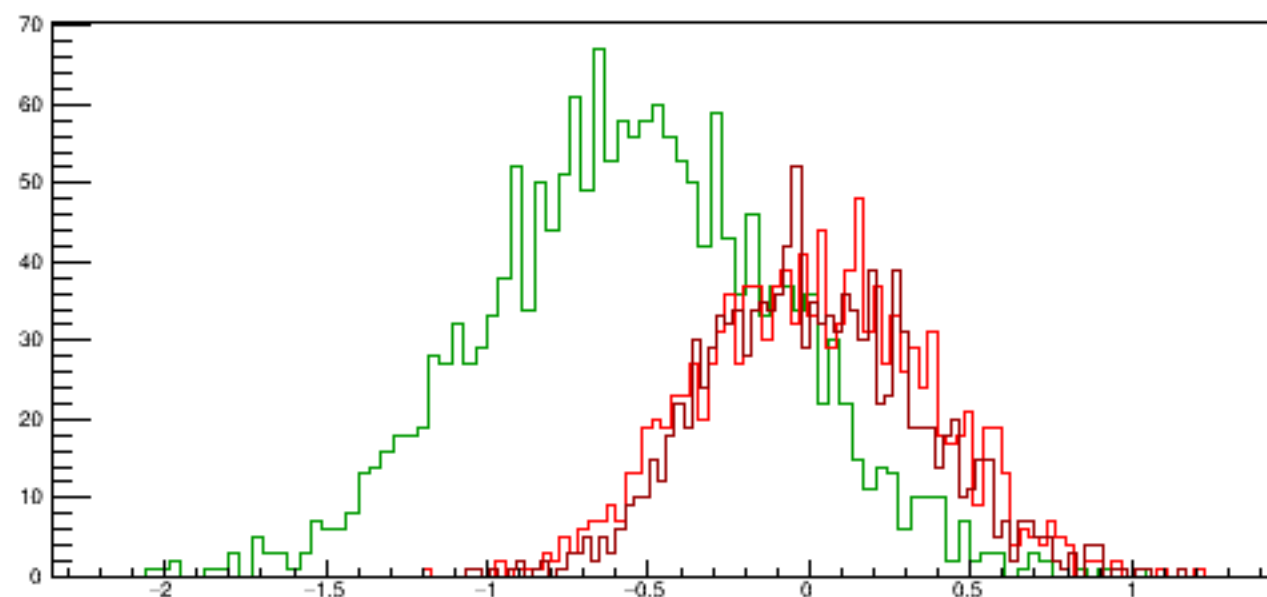
bcm:mpsCoda {mpsCoda>=440185 && mpsCoda<=458420}



Cycle 21, Diffs

Entries: 1246	Entries: 1807	Entries: 1226
Mean: 0.0113 +/- 0.0100	Mean: -0.5466 +/- 0.0108	Mean: 0.0077 +/- 0.0096
Std Dev: 0.3538 +/- 0.0071	Std Dev: 0.4574 +/- 0.0076	Std Dev: 0.3349 +/- 0.0068

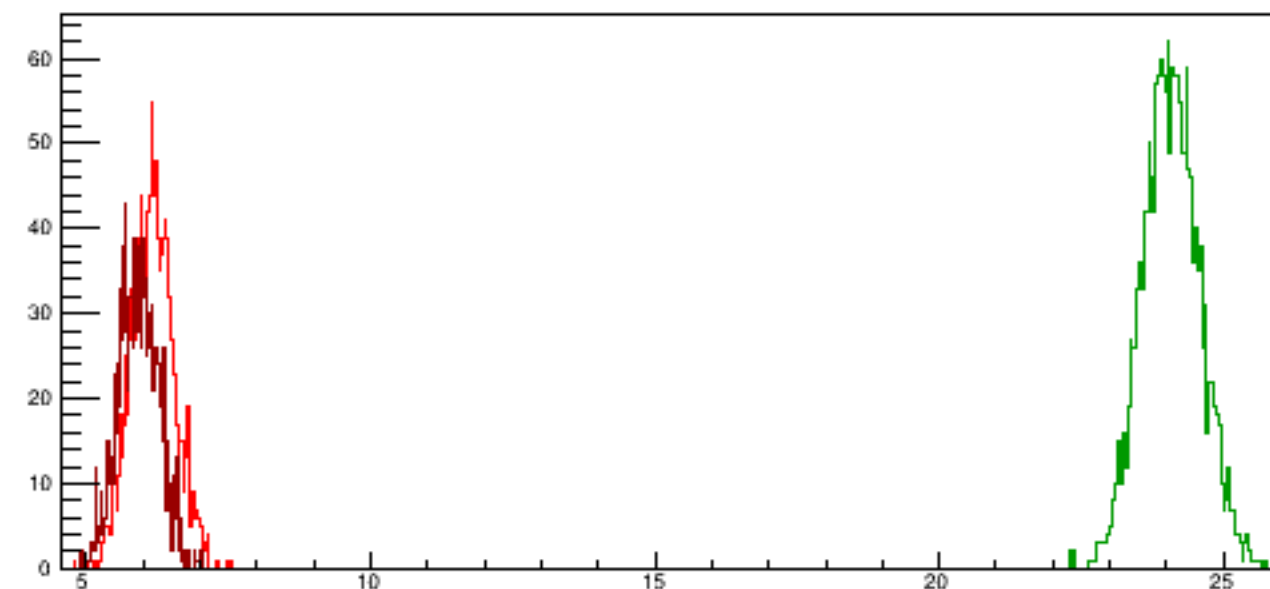
Run 6173 quartetwise, Diffs



Cycle 21, Sums

Entries: 1246	Entries: 1807	Entries: 1226
Mean: 6.1586 +/- 0.0106	Mean: 24.0772 +/- 0.0119	Mean: 5.9178 +/- 0.0100
Std Dev: 0.3730 +/- 0.0075	Std Dev: 0.5063 +/- 0.0084	Std Dev: 0.3513 +/- 0.0071

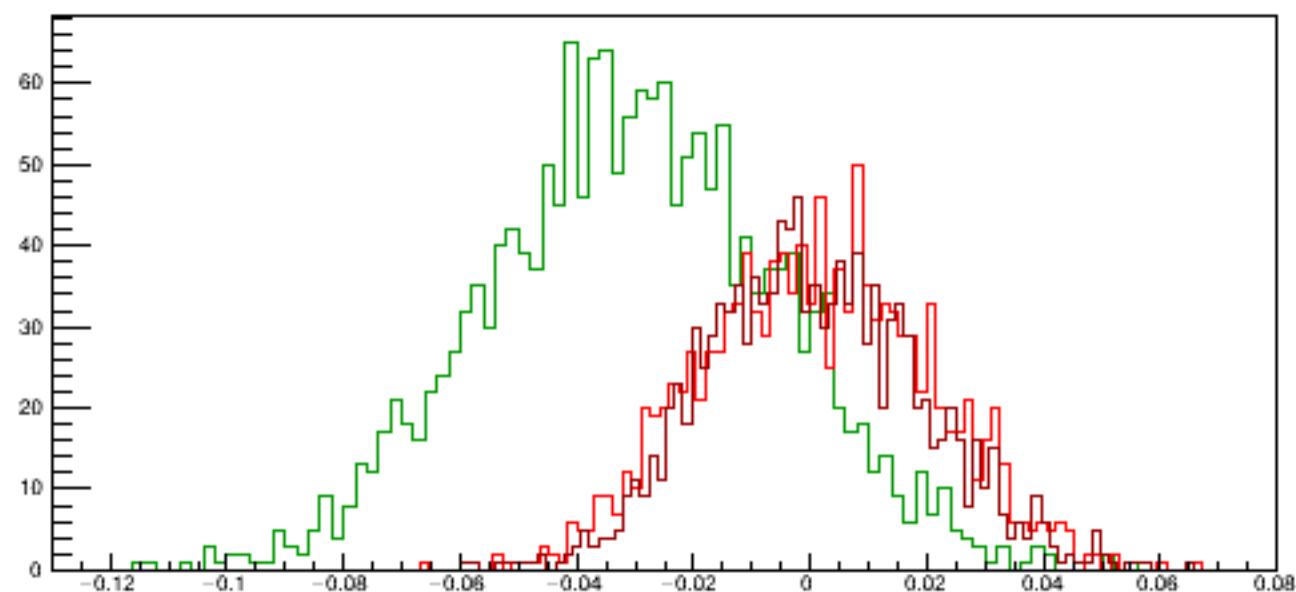
Run 6173 quartetwise, Sums



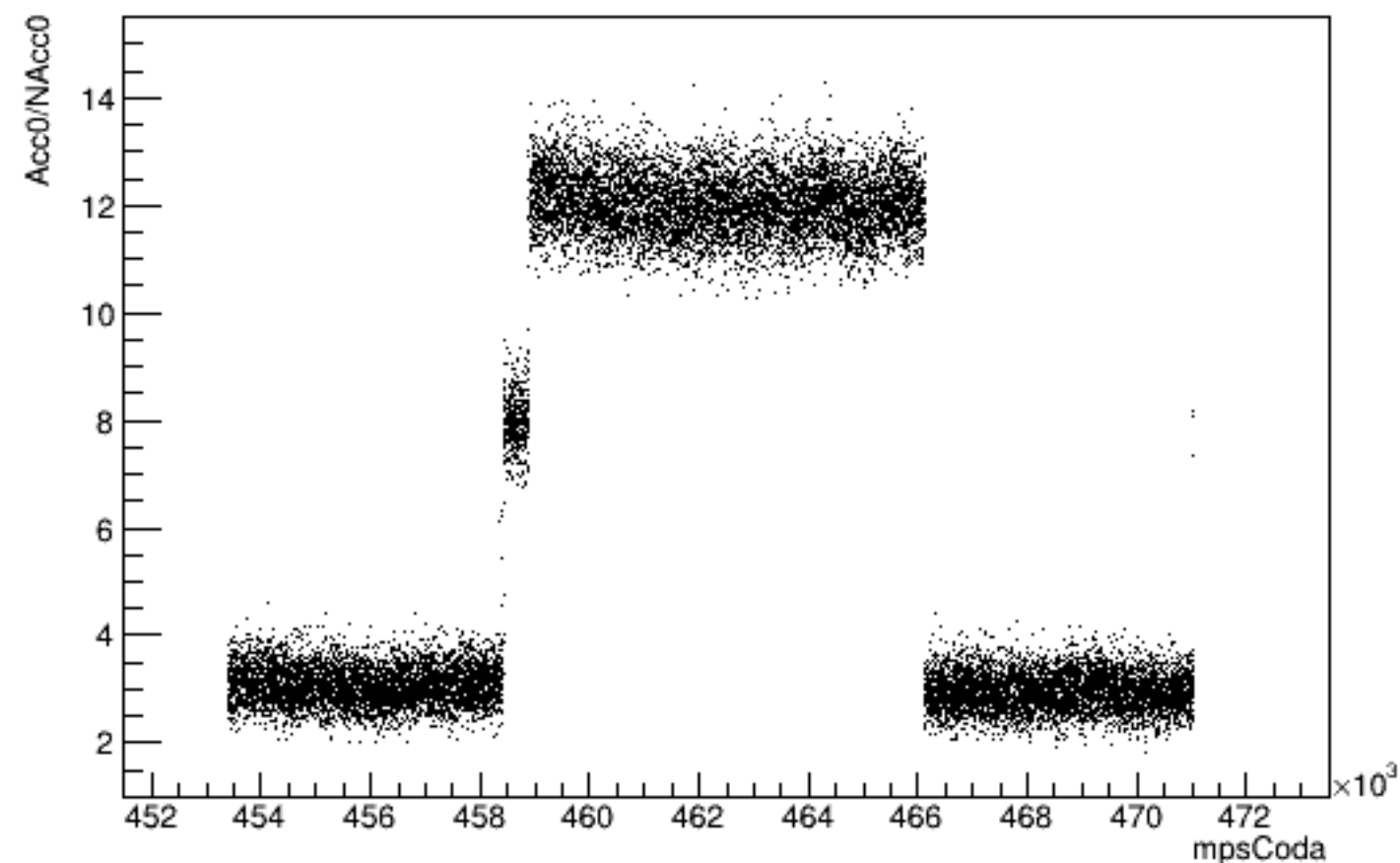
Cycle 21, Asyms

Entries: 1246	Entries: 1807	Entries: 1226
Mean: 0.0006 +/- 0.0006	Mean: -0.0303 +/- 0.0006	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0196 +/- 0.0004	Std Dev: 0.0253 +/- 0.0004	Std Dev: 0.0186 +/- 0.0004

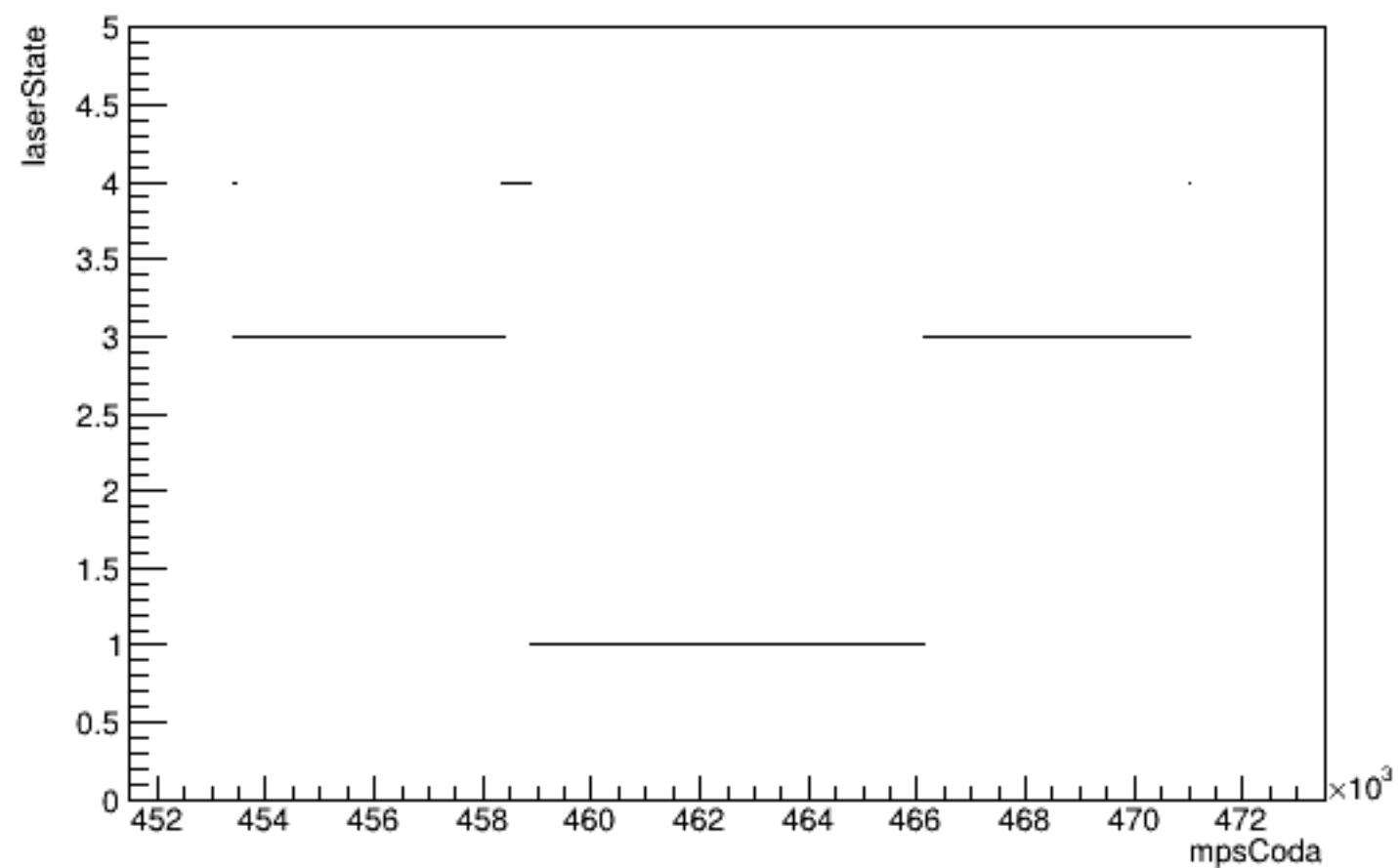
Run 6173 quartetwise, Asyms



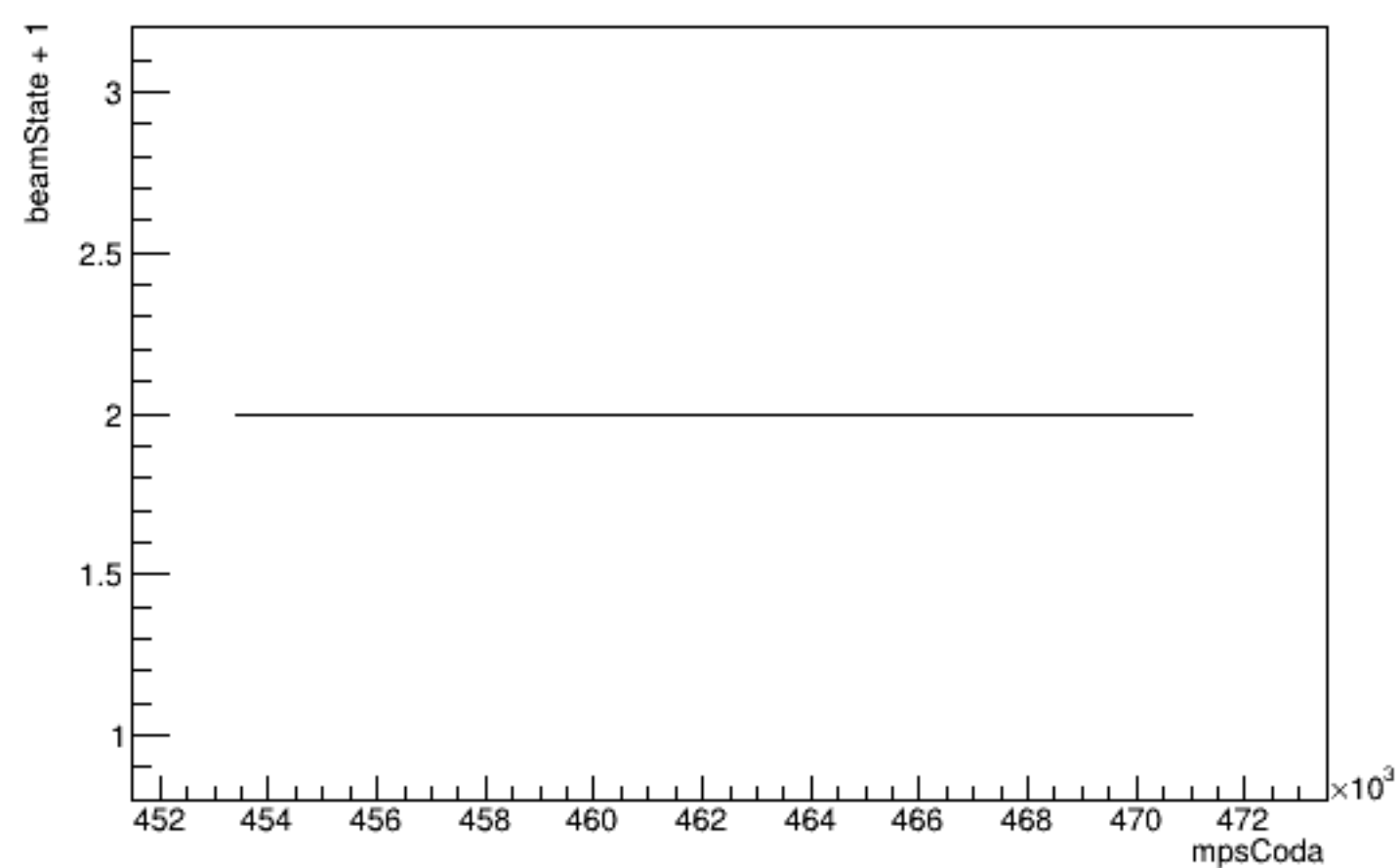
Acc0/NAcc0:mpsCoda (mpsCoda>=453397 && mpsCoda<=471032 && beamState==1)



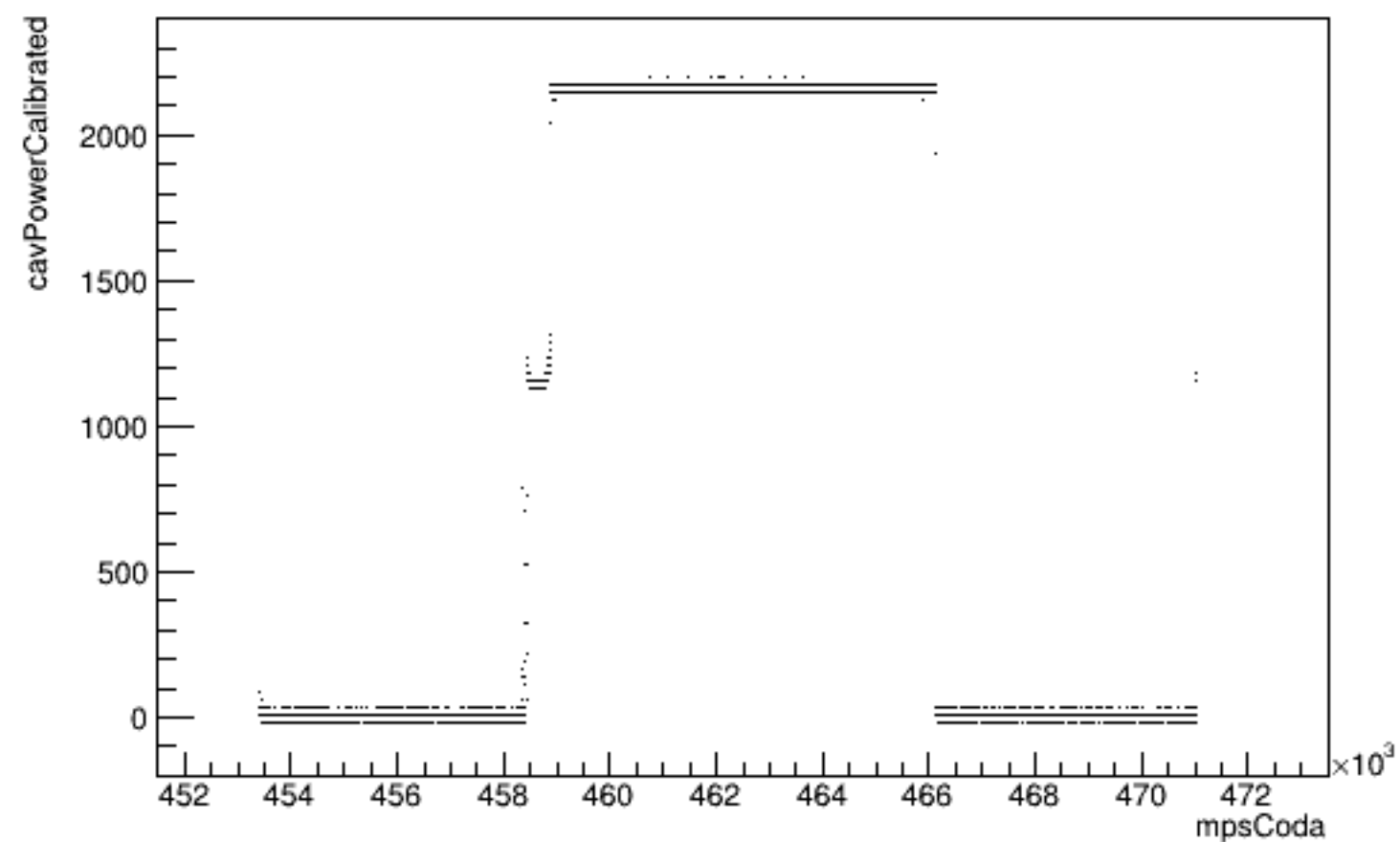
laserState:mpsCoda {mpsCoda>=453397 && mpsCoda<=471032}



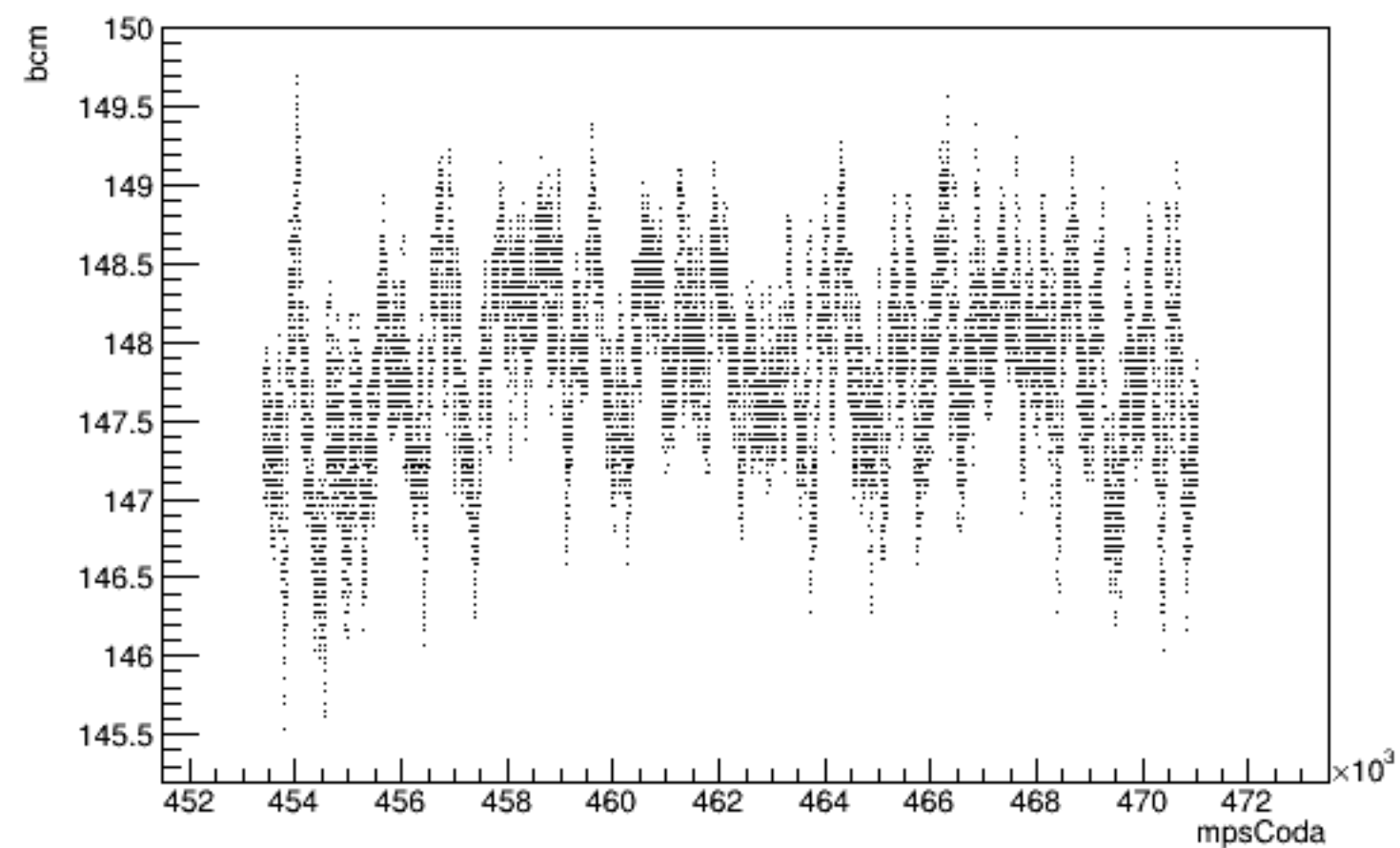
beamState + 1:mpsCoda {mpsCoda>=453397 && mpsCoda<=471032}



cavPowerCalibrated:mpsCoda {mpsCoda>=453397 && mpsCoda<=471032}



bcm:mpsCoda {mpsCoda>=453397 && mpsCoda<=471032}



Cycle 22, Diffs

Entries: 1226

Mean: 0.0077 +/- 0.0096

Std Dev: 0.3349 +/- 0.0068

Entries: 1809

Mean: -0.5455 +/- 0.0106

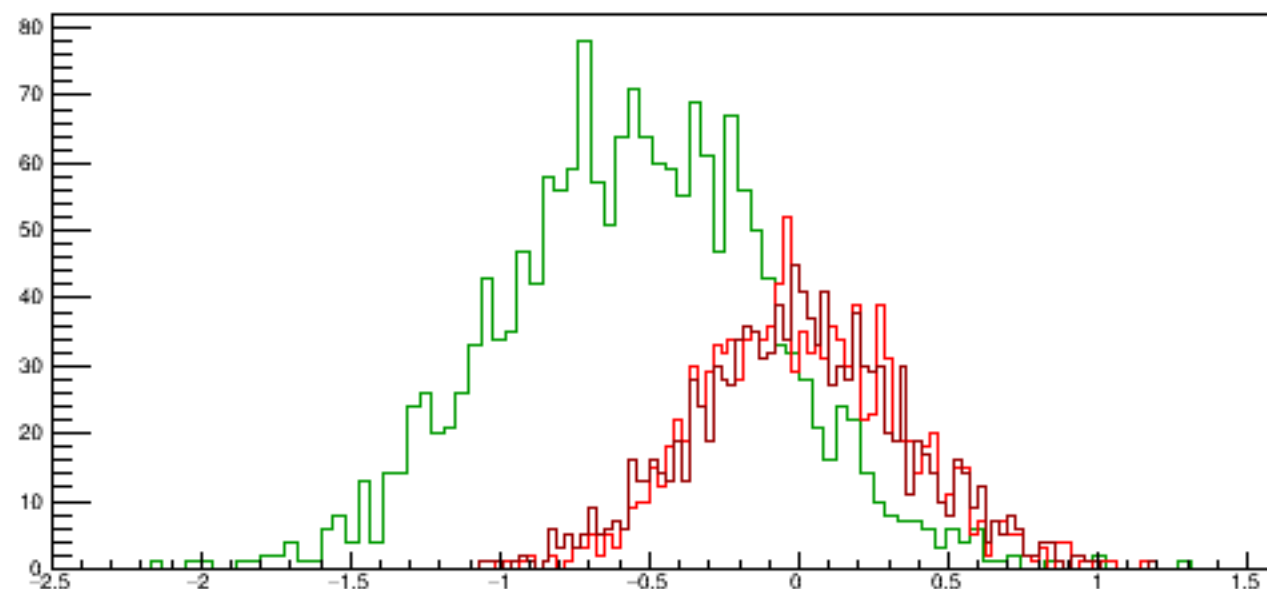
Std Dev: 0.4517 +/- 0.0075

Entries: 1235

Mean: -0.0016 +/- 0.0101

Std Dev: 0.3543 +/- 0.0071

Run 6173 quartetwise, Diffs



Cycle 22, Sums

Entries: 1226

Mean: 5.9178 +/- 0.0100

Std Dev: 0.3513 +/- 0.0071

Entries: 1809

Mean: 23.9306 +/- 0.0119

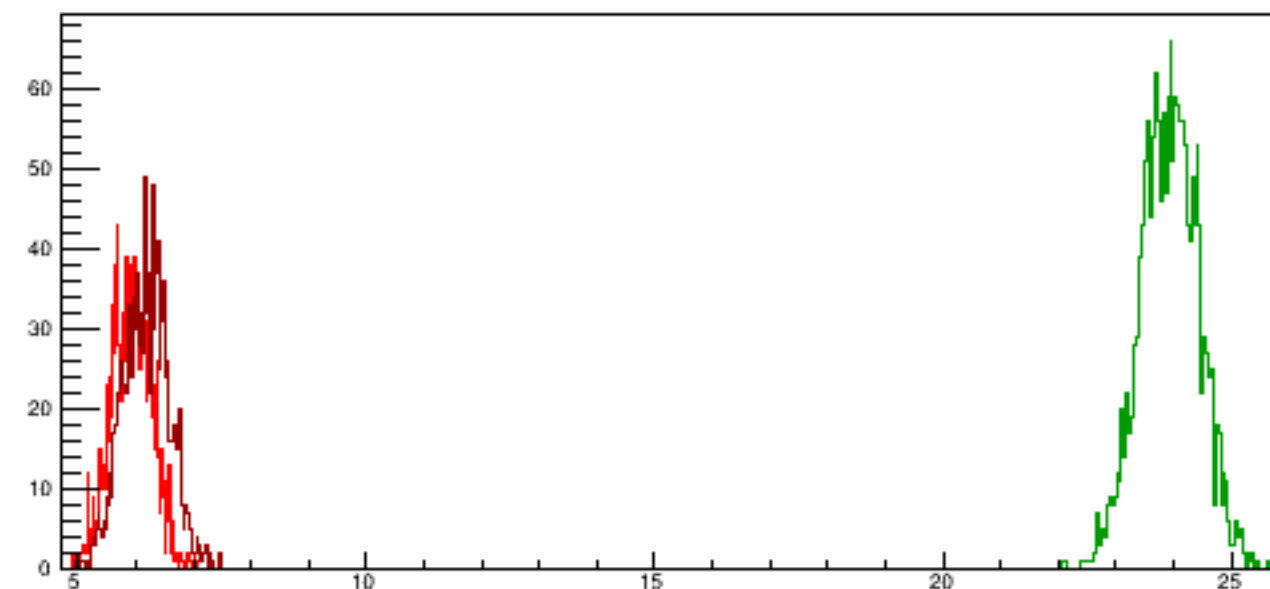
Std Dev: 0.5046 +/- 0.0084

Entries: 1235

Mean: 6.1751 +/- 0.0112

Std Dev: 0.3946 +/- 0.0079

Run 6173 quartetwise, Sums



Cycle 22, Asyms

Entries: 1226

Mean: 0.0004 +/- 0.0005

Std Dev: 0.0187 +/- 0.0004

Entries: 1809

Mean: -0.0305 +/- 0.0006

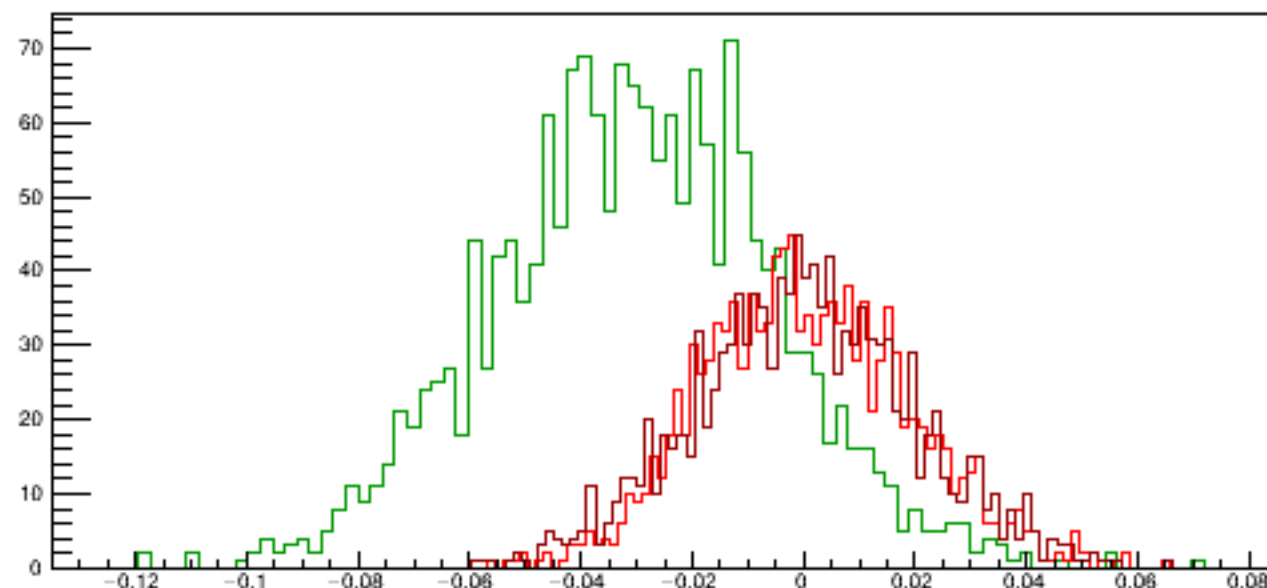
Std Dev: 0.0252 +/- 0.0004

Entries: 1235

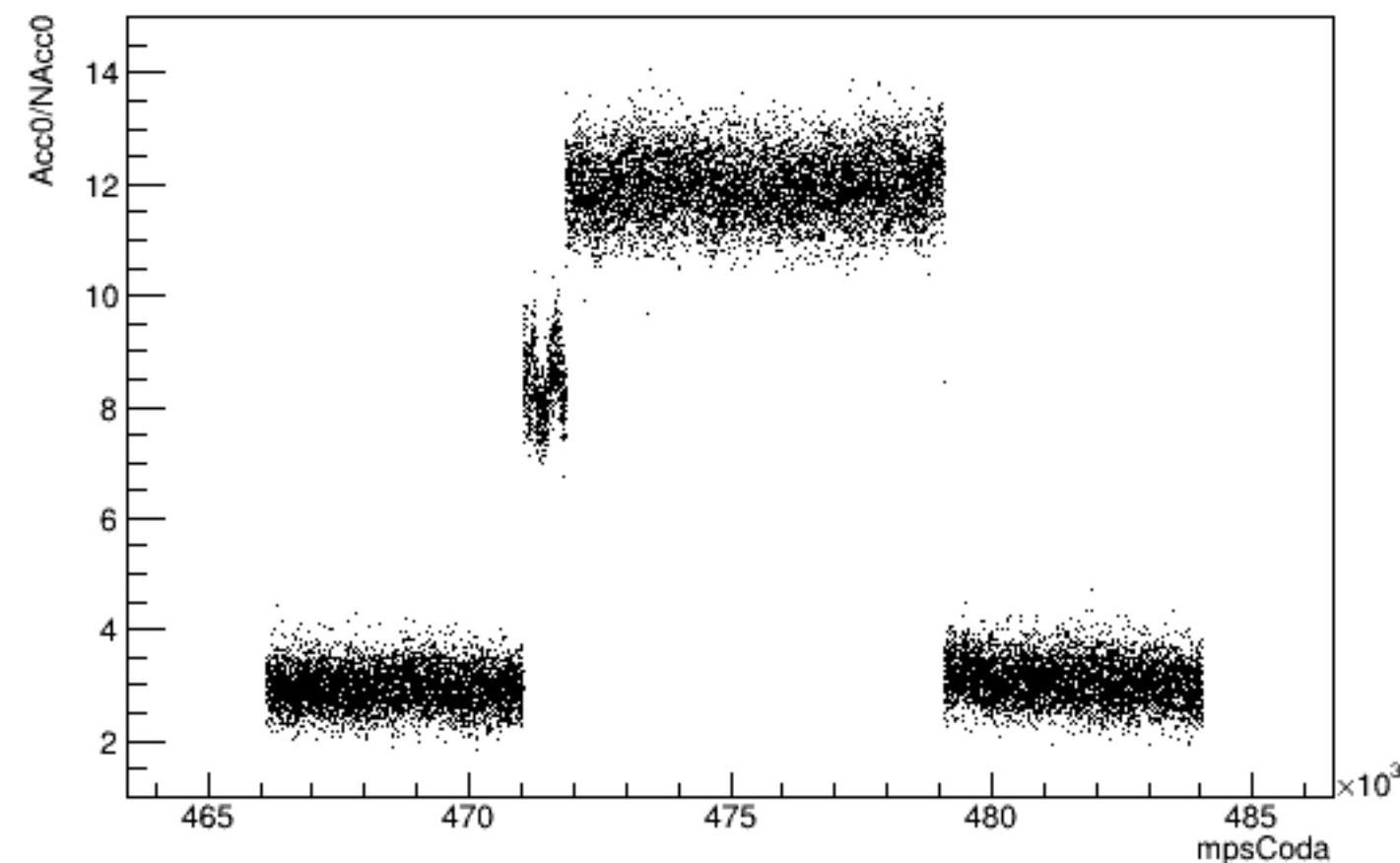
Mean: -0.0001 +/- 0.0006

Std Dev: 0.0198 +/- 0.0004

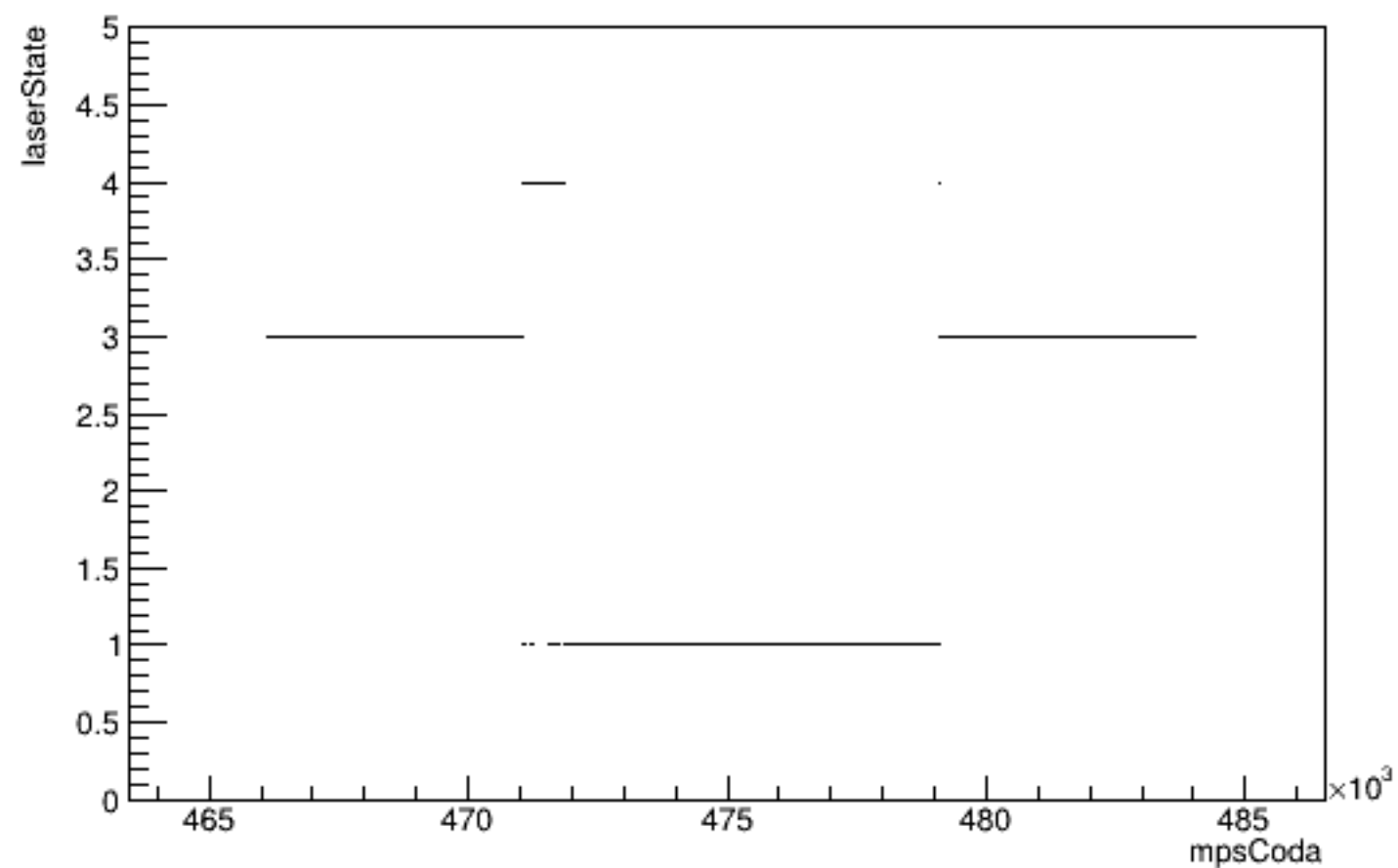
Run 6173 quartetwise, Asyms



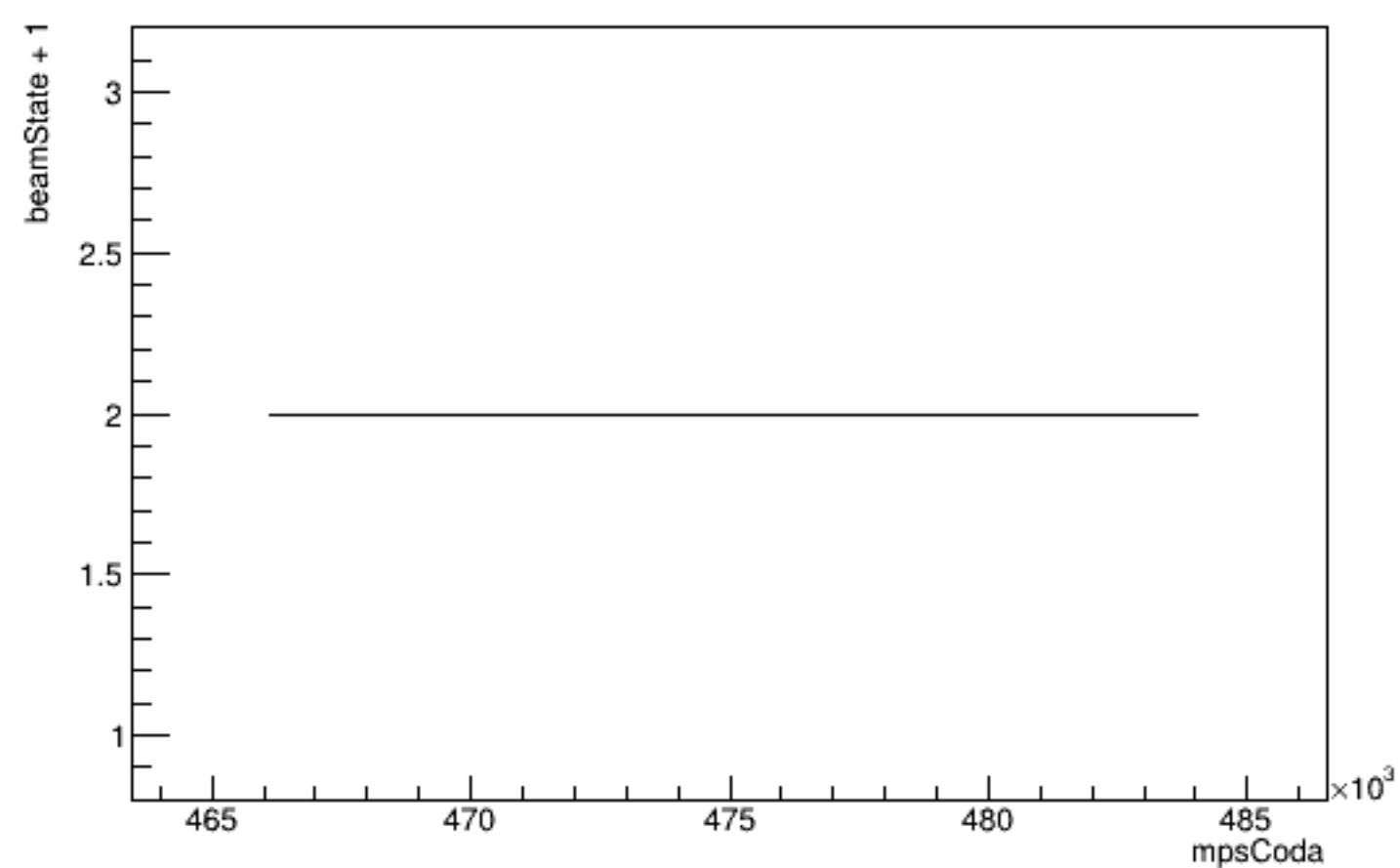
Acc0/NAcc0:mpsCoda (mpsCoda>=466125 && mpsCoda<=484028 && beamState==1)



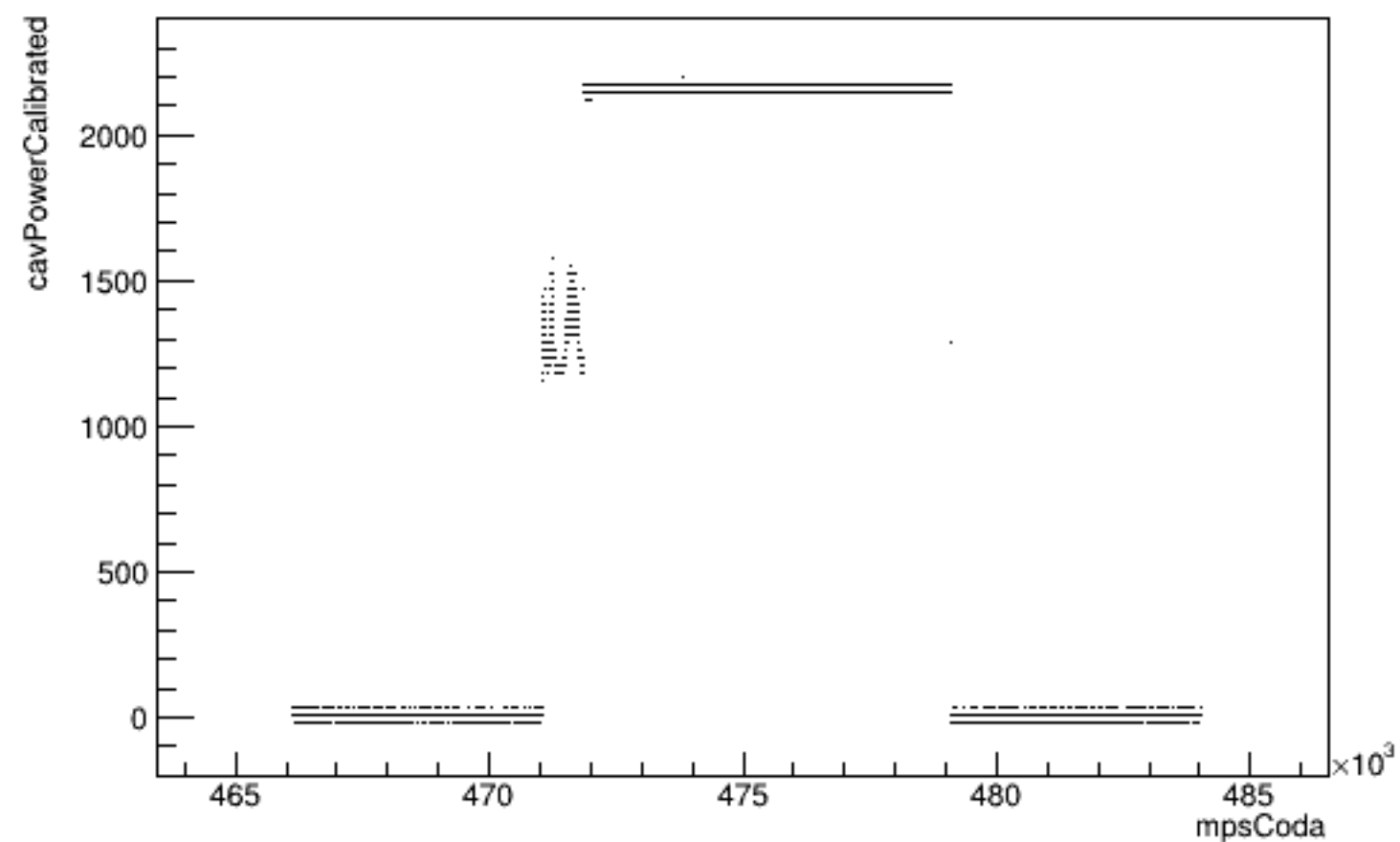
laserState:mpsCoda {mpsCoda>=466125 && mpsCoda<=484028}



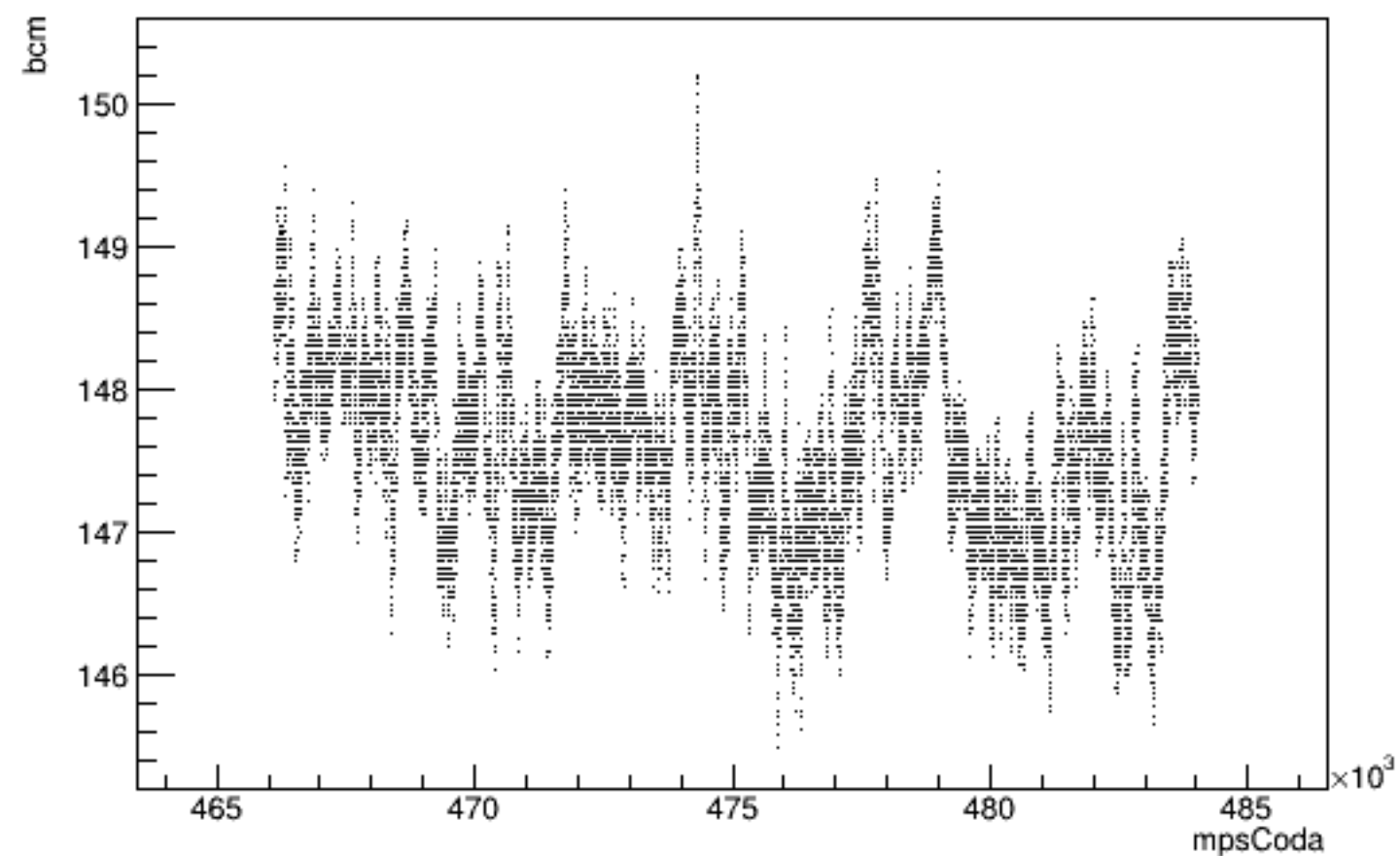
beamState + 1:mpsCoda {mpsCoda>=466125 && mpsCoda<=484028}



cavPowerCalibrated:mpsCoda {mpsCoda>=466125 && mpsCoda<=484028}



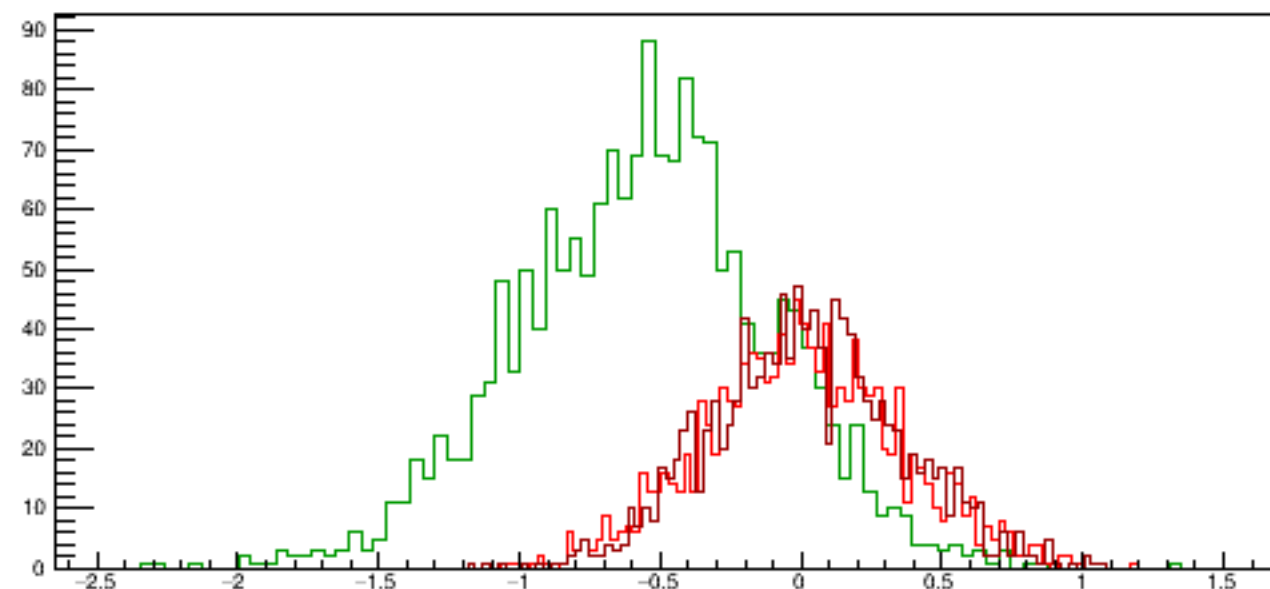
bcm:mpsCoda {mpsCoda>=466125 && mpsCoda<=484028}



Cycle 23, Diffs

Entries: 1235	Entries: 1808	Entries: 1223
Mean: -0.0016 +/- 0.0101	Mean: -0.5505 +/- 0.0107	Mean: 0.0143 +/- 0.0098
Std Dev: 0.3543 +/- 0.0071	Std Dev: 0.4536 +/- 0.0075	Std Dev: 0.3415 +/- 0.0069

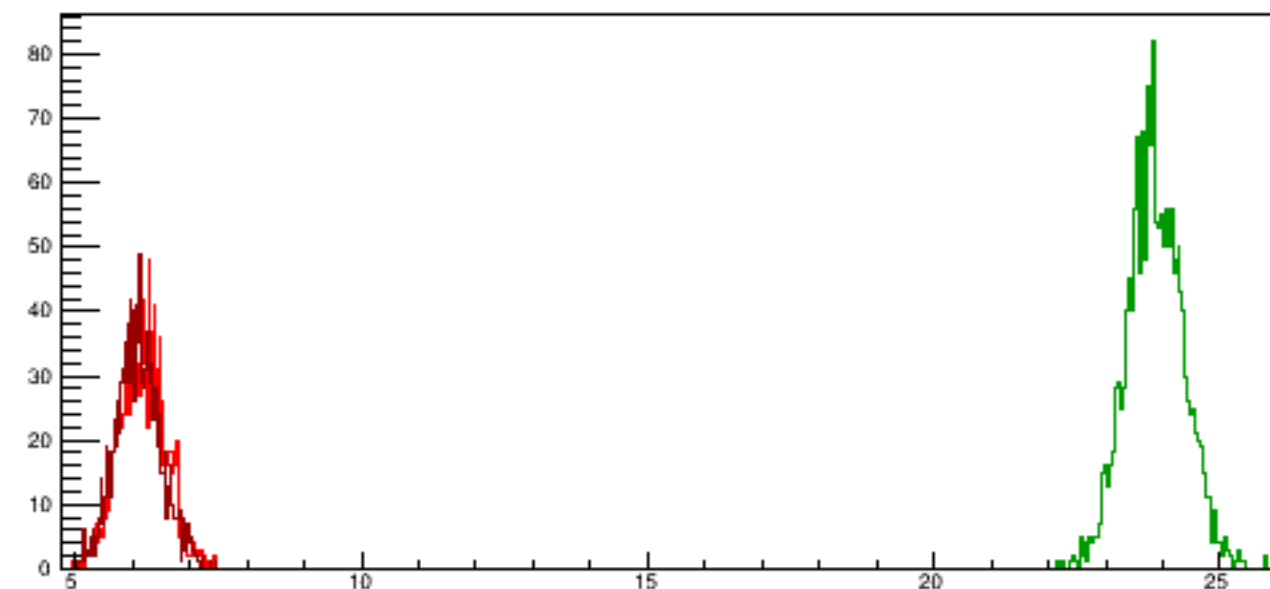
Run 6173 quartetwise, Diffs



Cycle 23, Sums

Entries: 1235	Entries: 1808	Entries: 1223
Mean: 6.1751 +/- 0.0112	Mean: 23.8636 +/- 0.0116	Mean: 6.1030 +/- 0.0113
Std Dev: 0.3946 +/- 0.0079	Std Dev: 0.4932 +/- 0.0082	Std Dev: 0.3962 +/- 0.0080

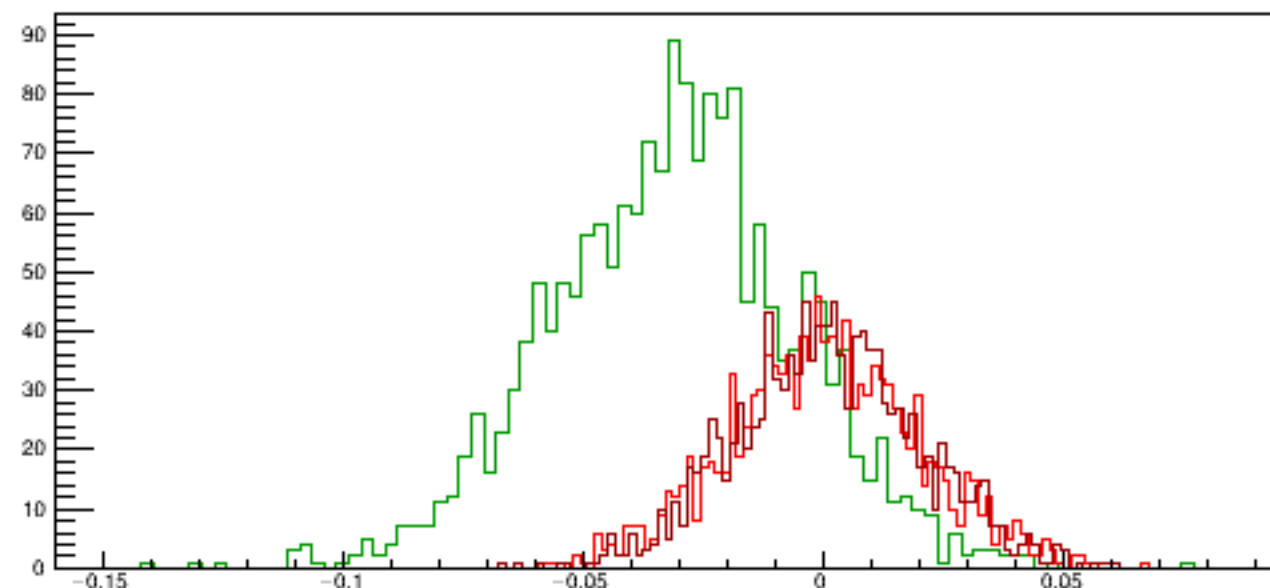
Run 6173 quartetwise, Sums



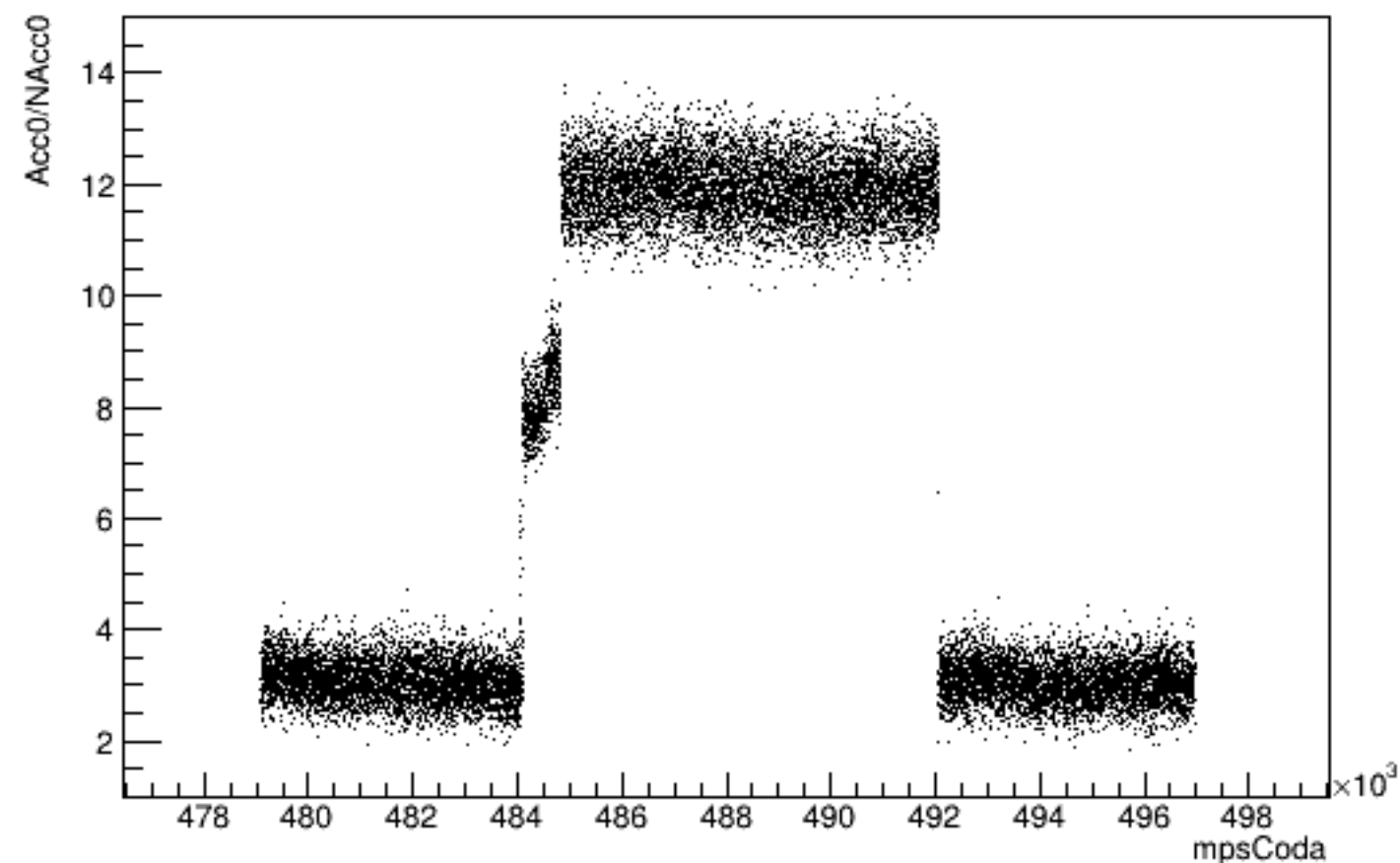
Cycle 23, Asyms

Entries: 1235	Entries: 1808	Entries: 1223
Mean: -0.0001 +/- 0.0006	Mean: -0.0311 +/- 0.0006	Mean: 0.0008 +/- 0.0006
Std Dev: 0.0200 +/- 0.0004	Std Dev: 0.0256 +/- 0.0004	Std Dev: 0.0193 +/- 0.0004

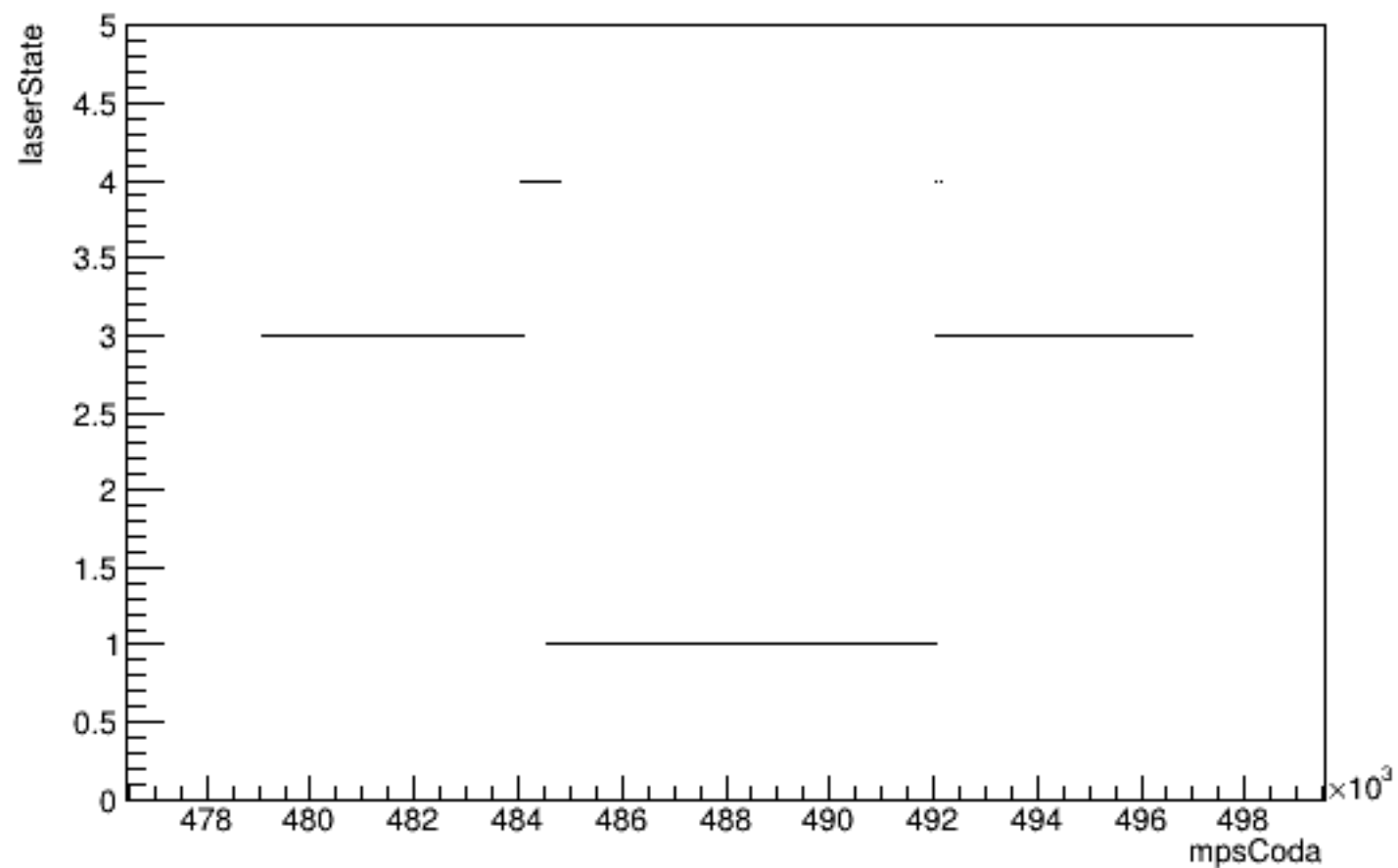
Run 6173 quartetwise, Asyms



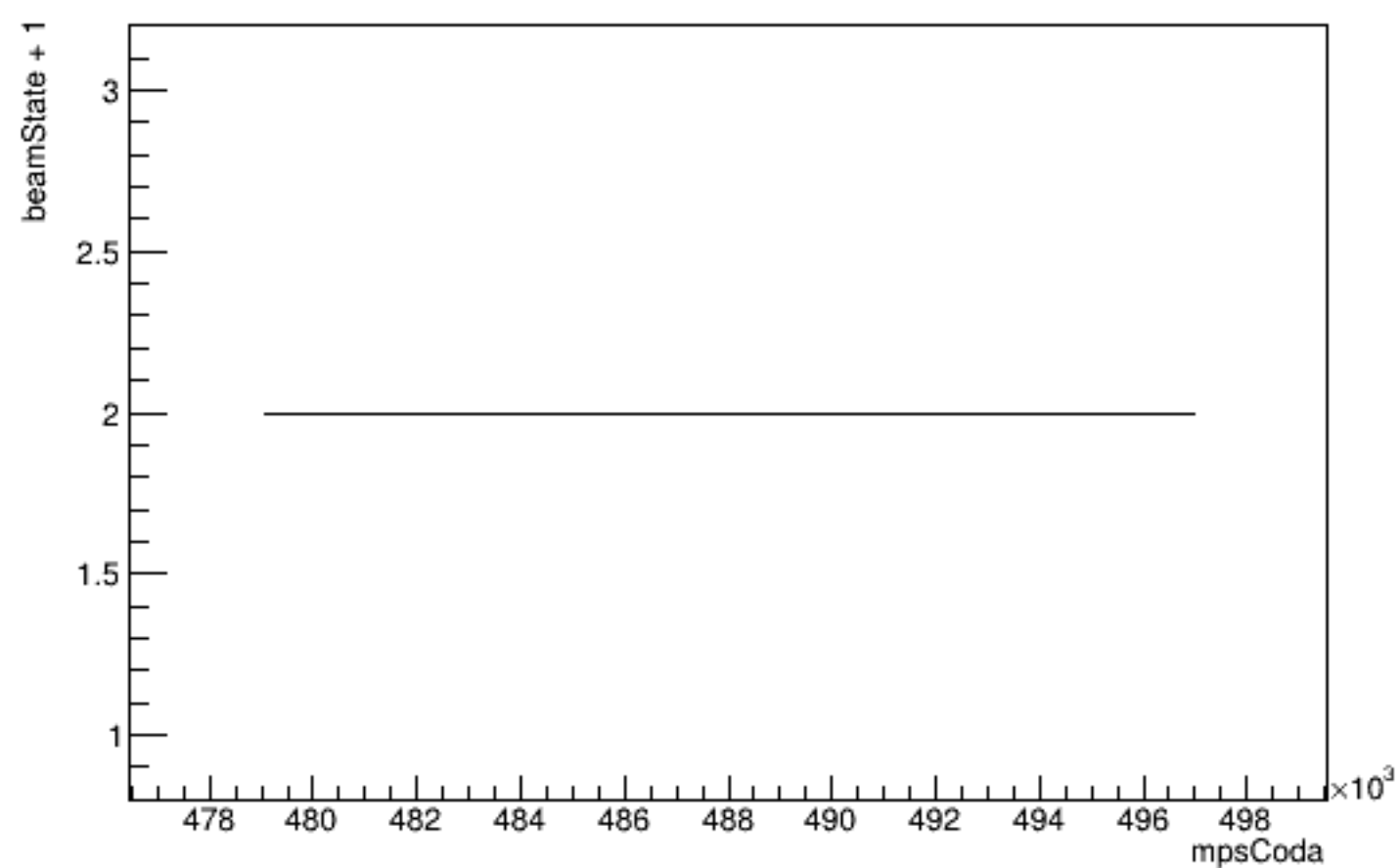
Acc0/NAcc0:mpsCoda (mpsCoda>=479089 && mpsCoda<=496960 && beamState==1)



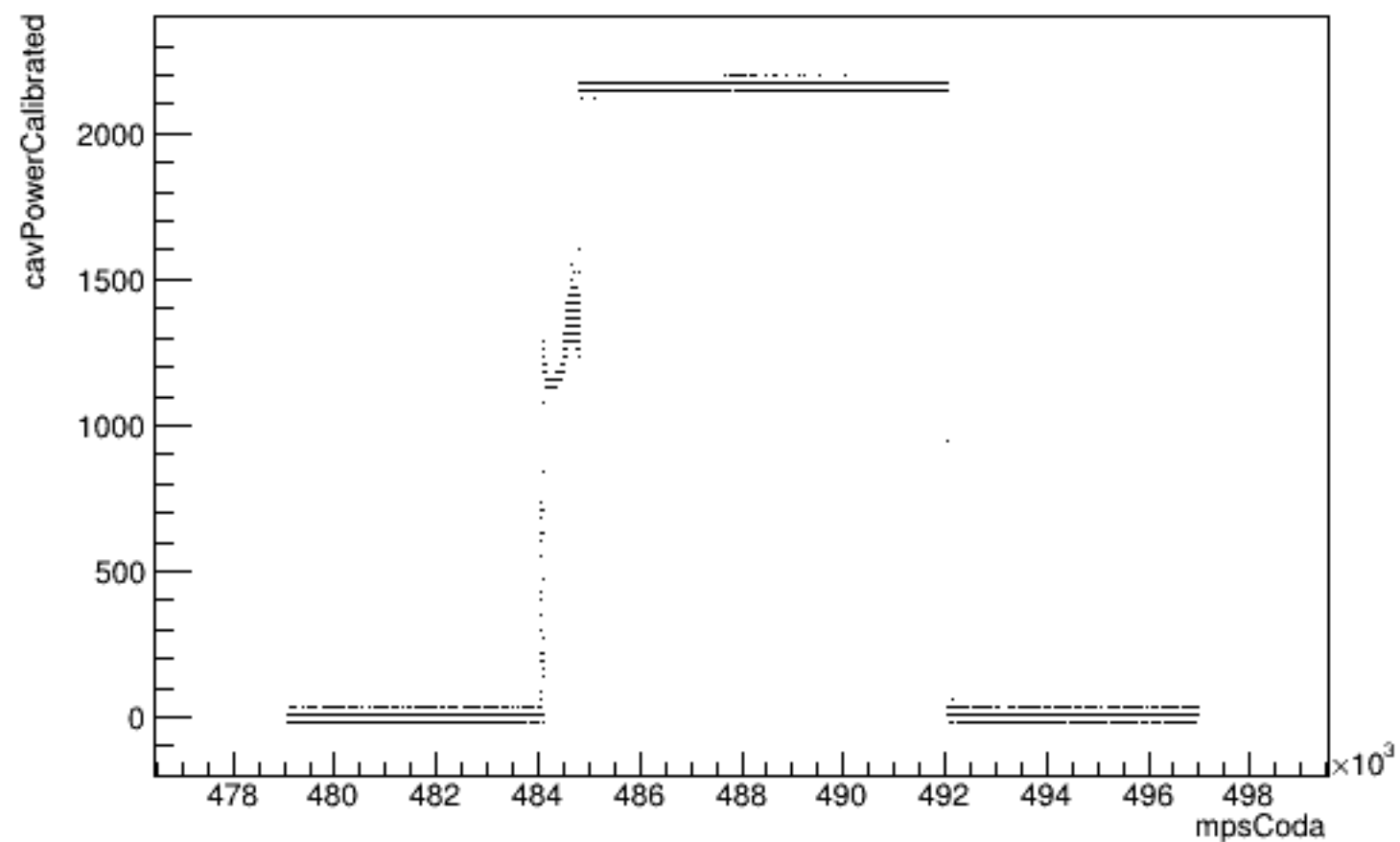
laserState:mpsCoda {mpsCoda>=479089 && mpsCoda<=496960}



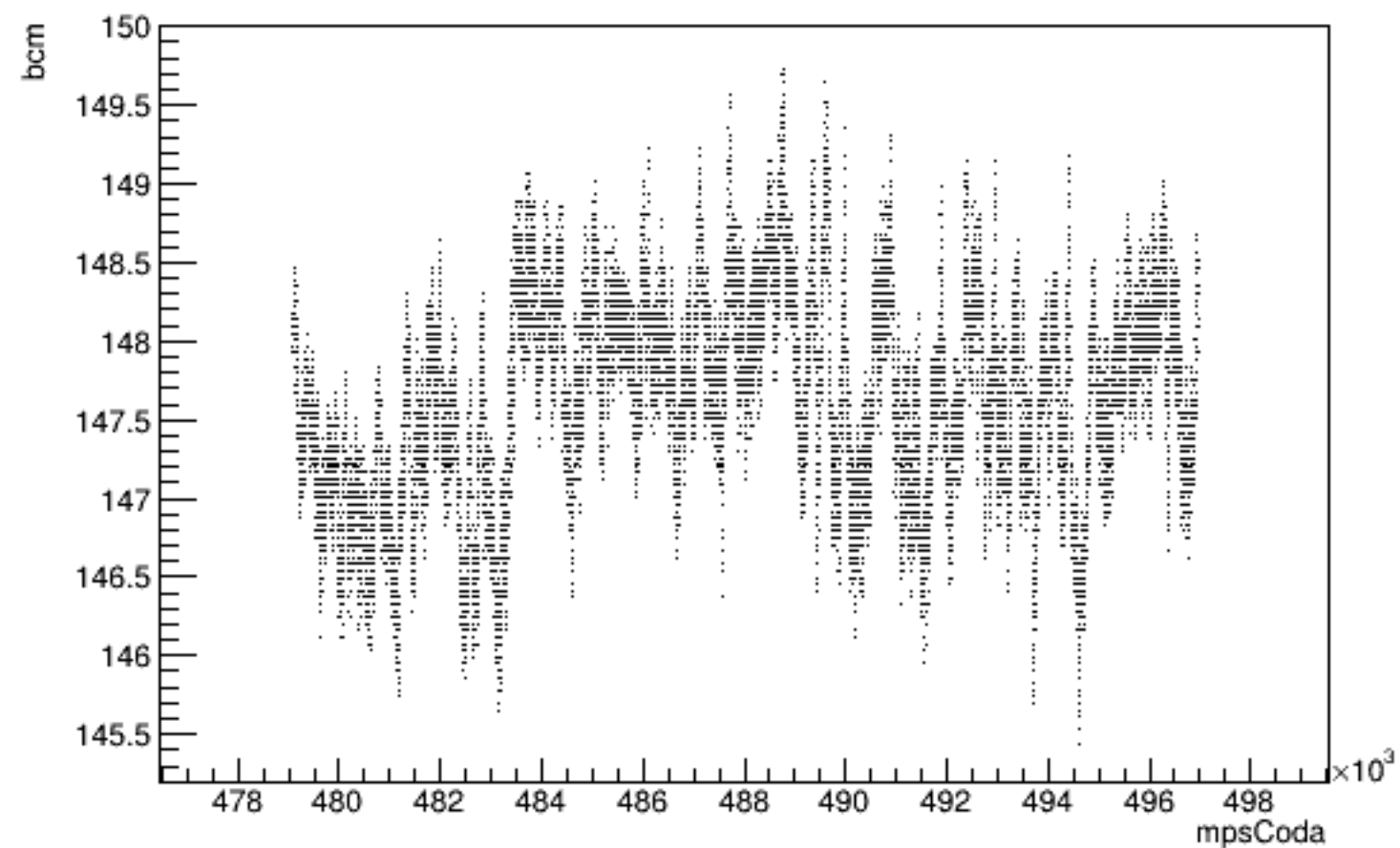
beamState + 1:mpsCoda {mpsCoda>=479089 && mpsCoda<=496960}



cavPowerCalibrated:mpsCoda {mpsCoda>=479089 && mpsCoda<=496960}



bcm:mpsCoda {mpsCoda>=479089 && mpsCoda<=496960}



Cycle 24, Diffs

Entries: 1223

Mean: 0.0143 +/- 0.0098

Std Dev: 0.3415 +/- 0.0069

Entries: 1808

Mean: -0.5408 +/- 0.0106

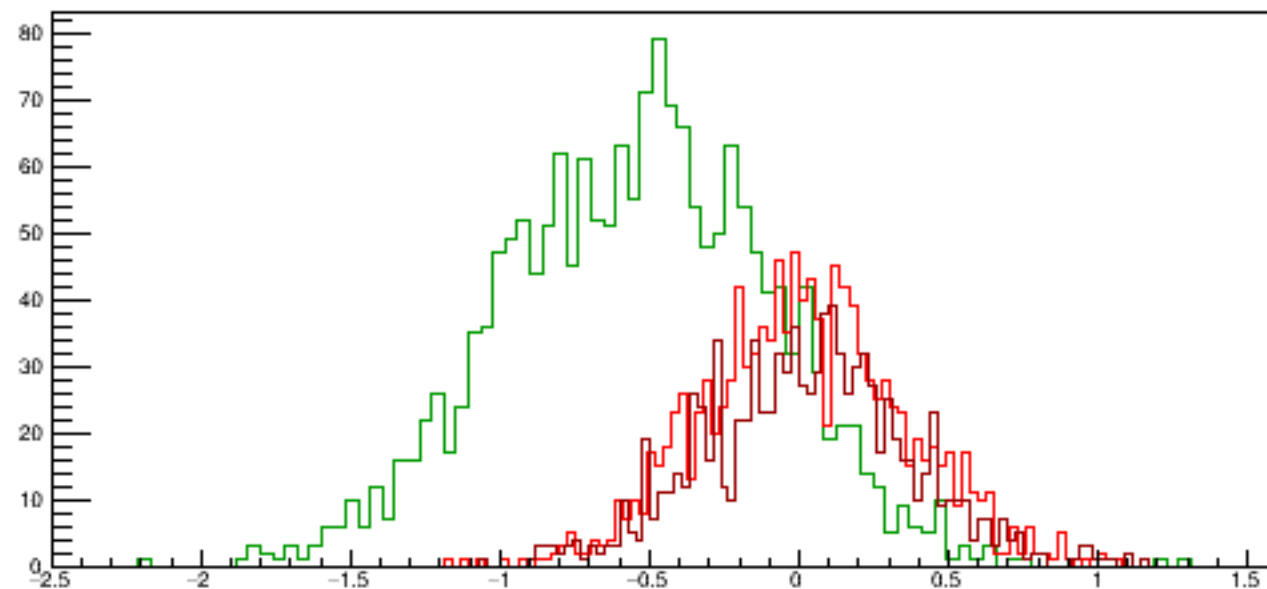
Std Dev: 0.4491 +/- 0.0075

Entries: 1008

Mean: 0.0247 +/- 0.0109

Std Dev: 0.3470 +/- 0.0077

Run 6173 quartetwise, Diffs



Cycle 24, Sums

Entries: 1223

Mean: 6.1030 +/- 0.0113

Std Dev: 0.3962 +/- 0.0080

Entries: 1808

Mean: 23.9858 +/- 0.0113

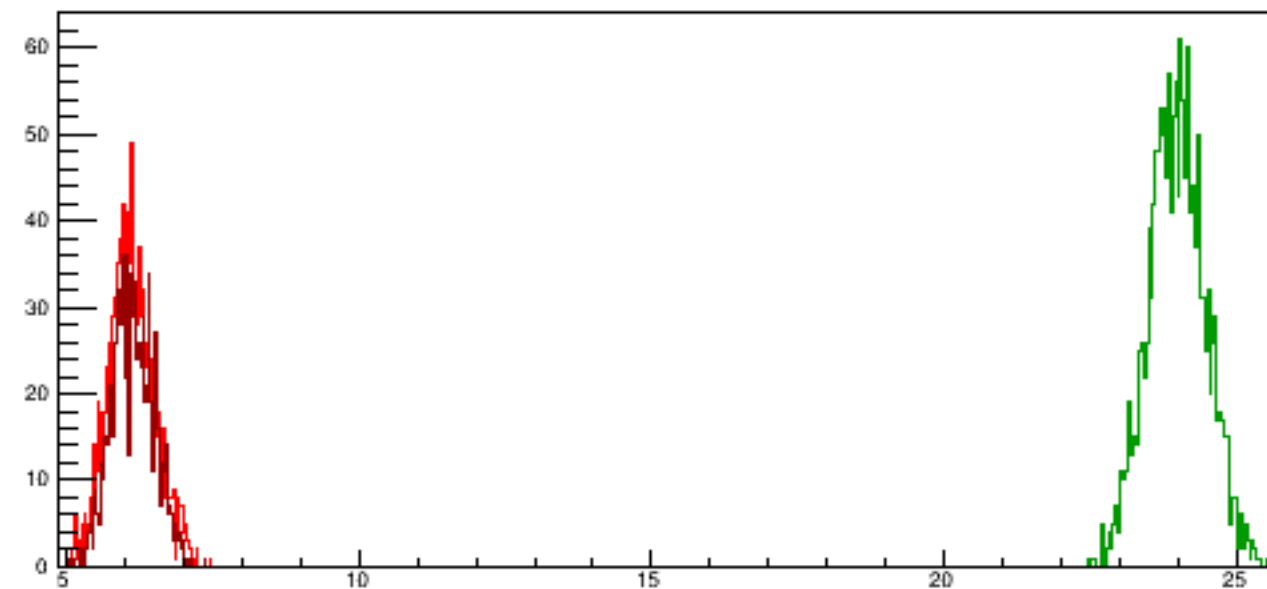
Std Dev: 0.4820 +/- 0.0080

Entries: 1008

Mean: 6.1315 +/- 0.0112

Std Dev: 0.3550 +/- 0.0079

Run 6173 quartetwise, Sums



Cycle 24, Asyms

Entries: 1223

Mean: 0.0008 +/- 0.0005

Std Dev: 0.0191 +/- 0.0004

Entries: 1808

Mean: -0.0303 +/- 0.0006

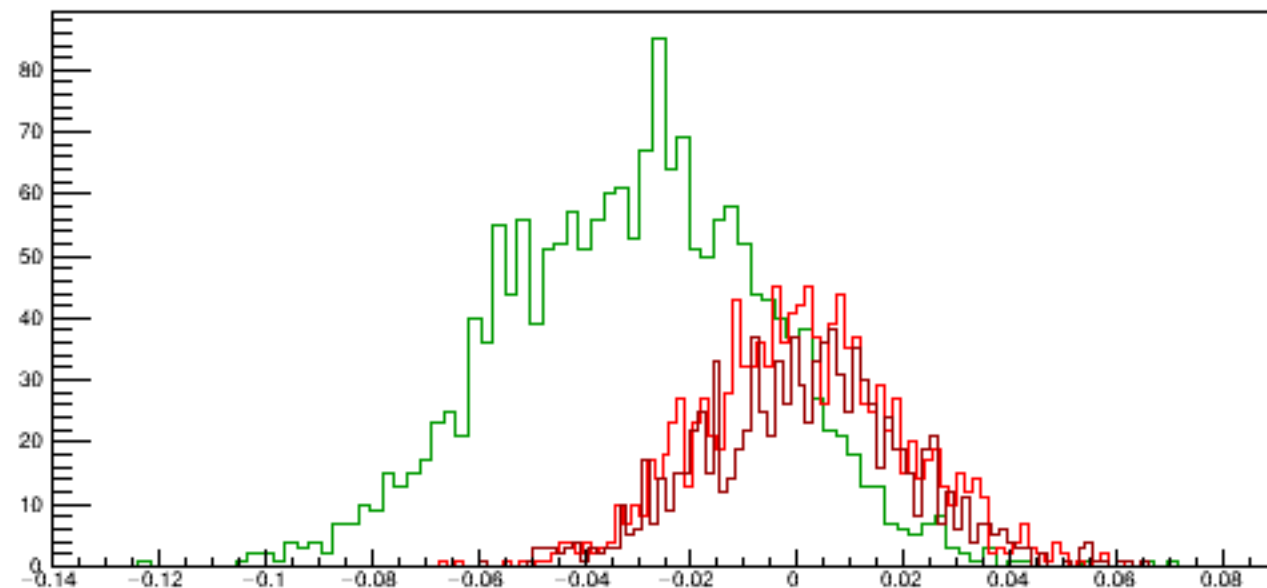
Std Dev: 0.0251 +/- 0.0004

Entries: 1008

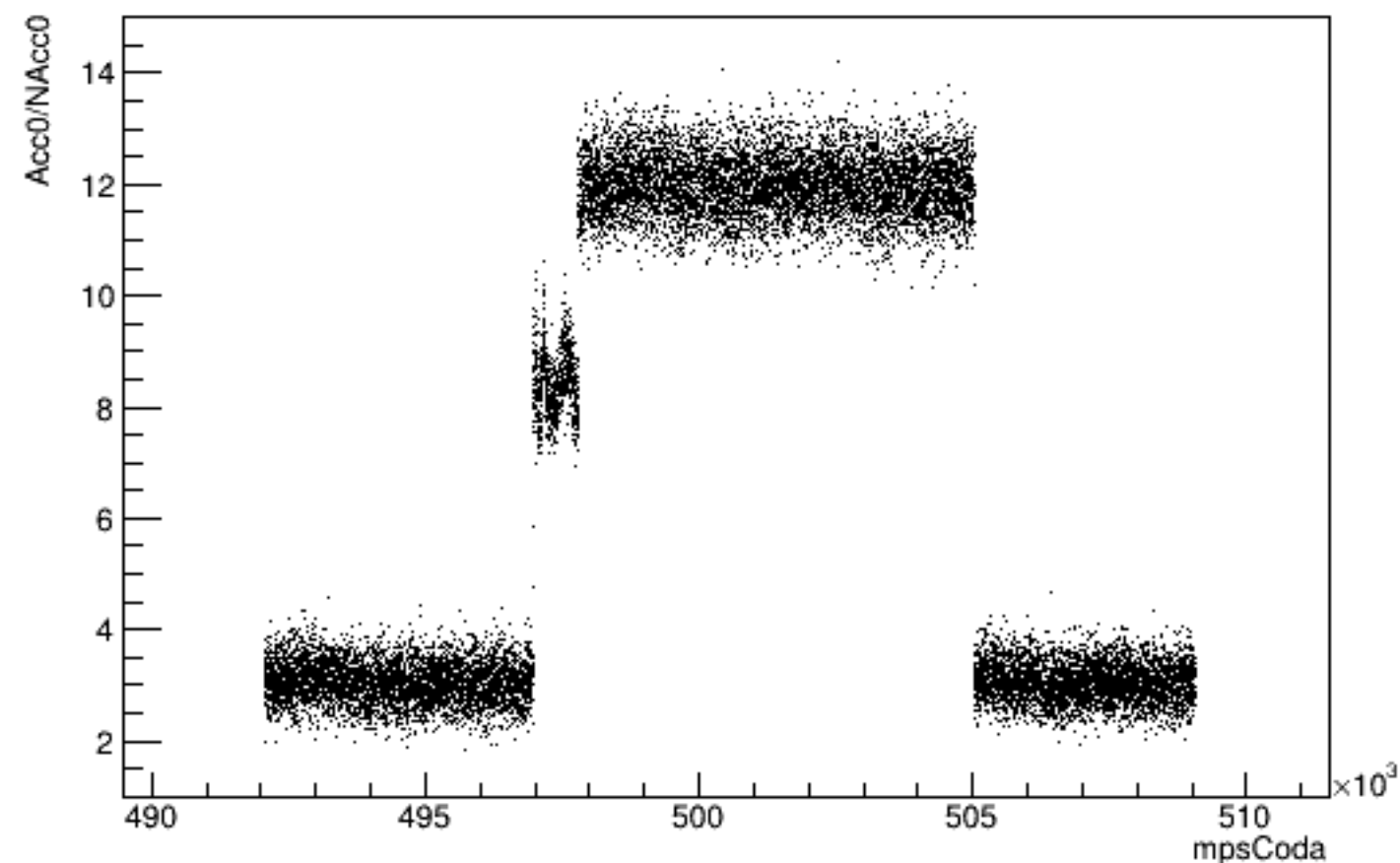
Mean: 0.0014 +/- 0.0006

Std Dev: 0.0194 +/- 0.0004

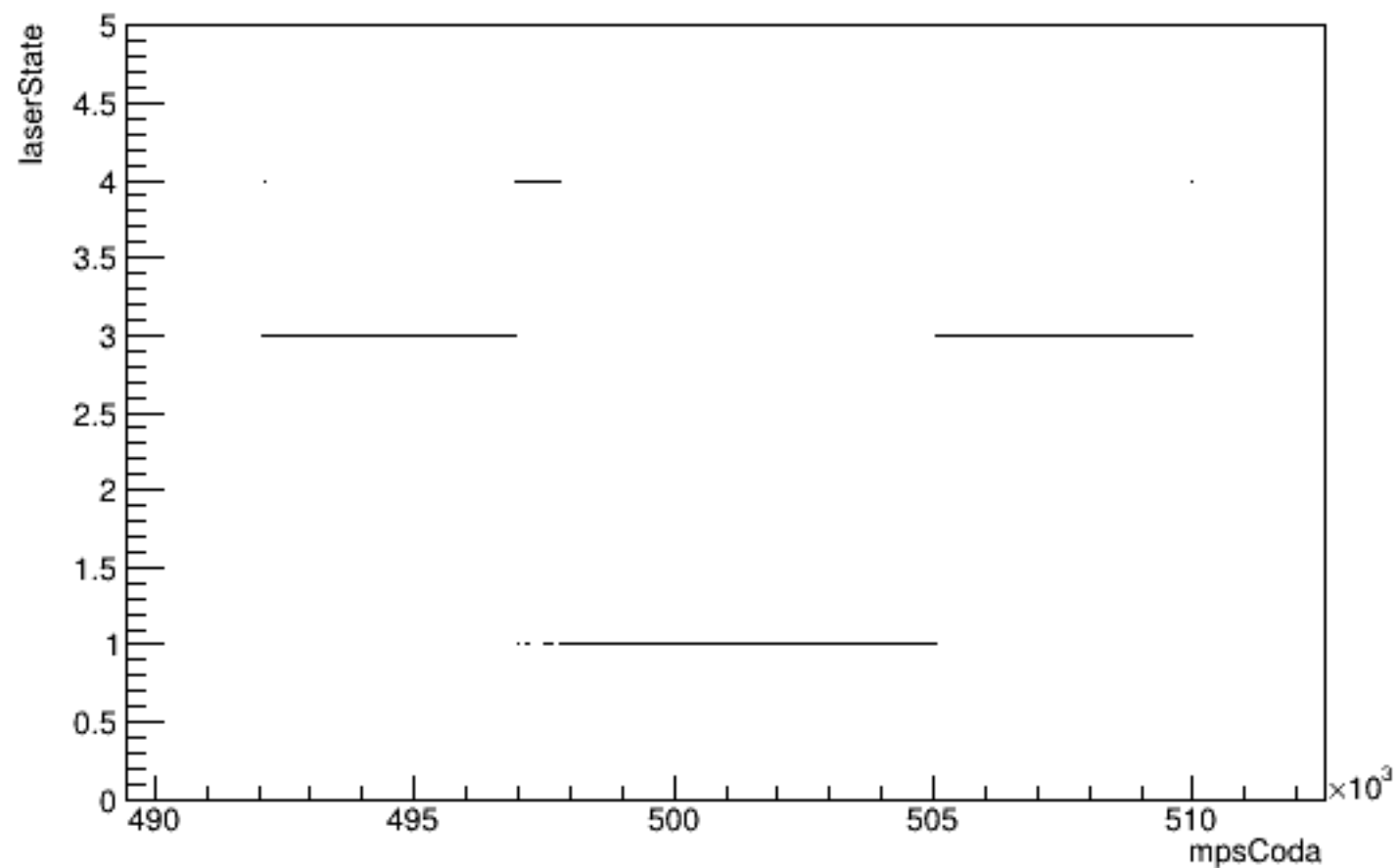
Run 6173 quartetwise, Asyms



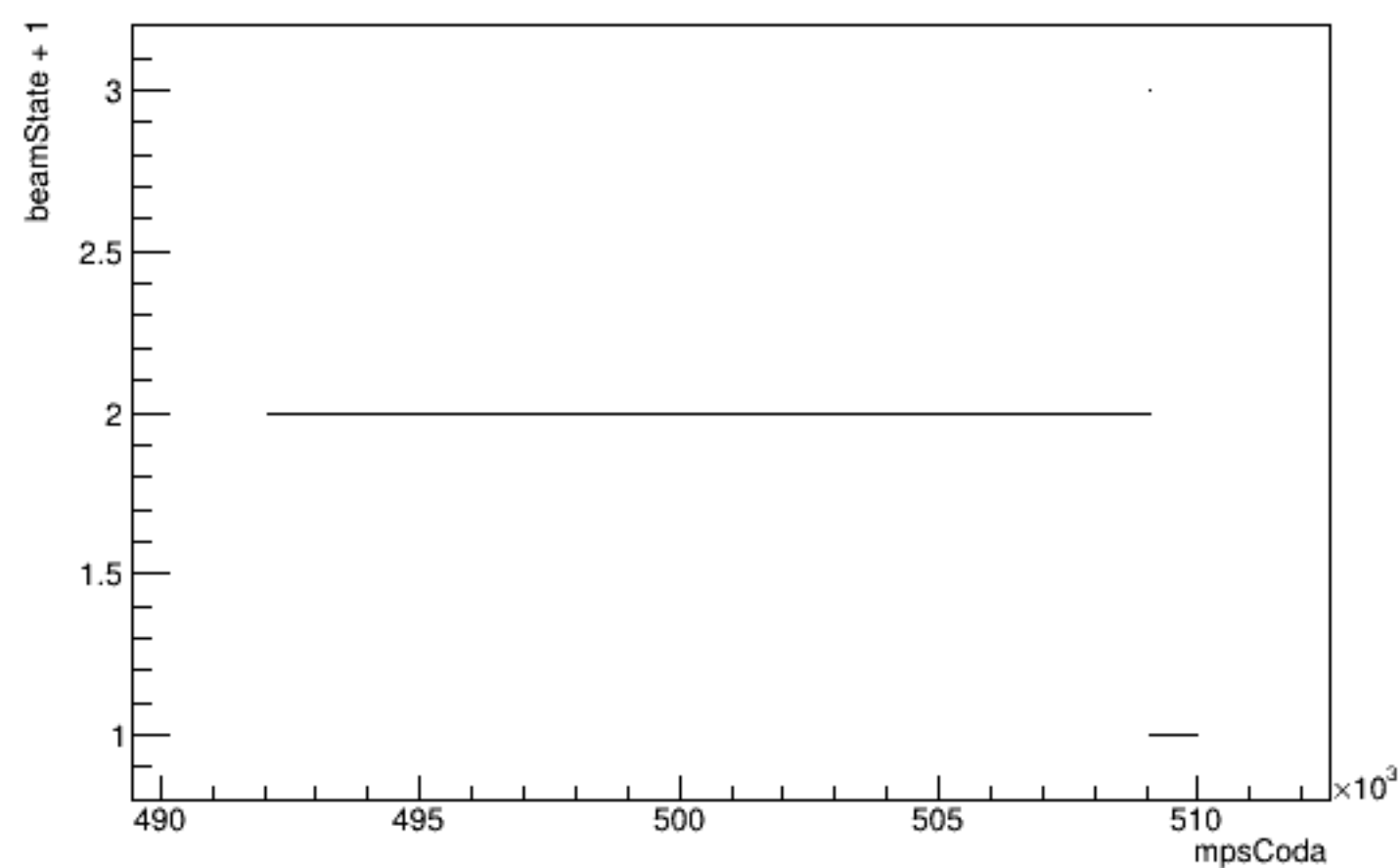
Acc0/NAcc0:mpsCoda (mpsCoda>=492065 && mpsCoda<=509968 && beamState==1)



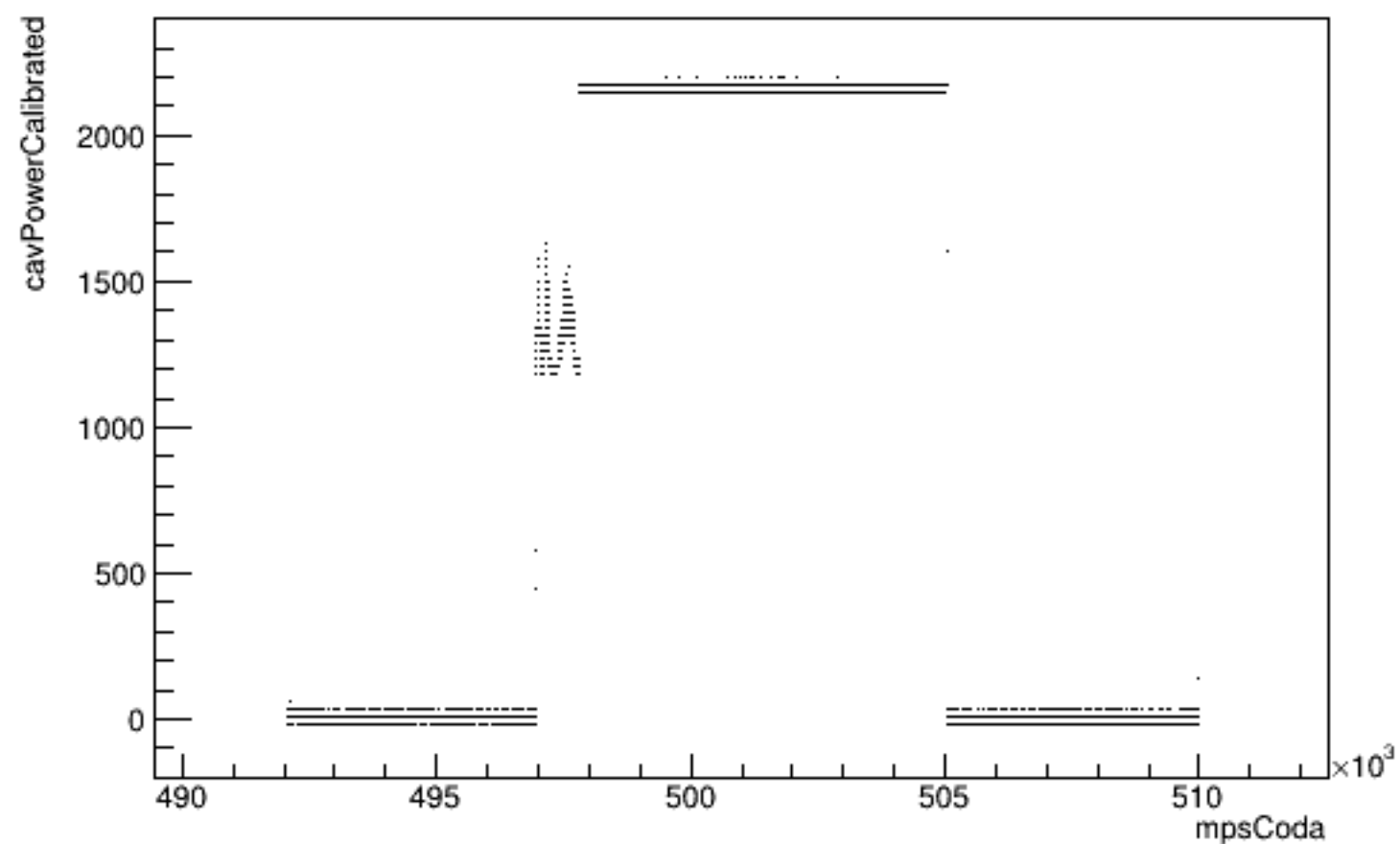
laserState:mpsCoda {mpsCoda>=492065 && mpsCoda<=509968}



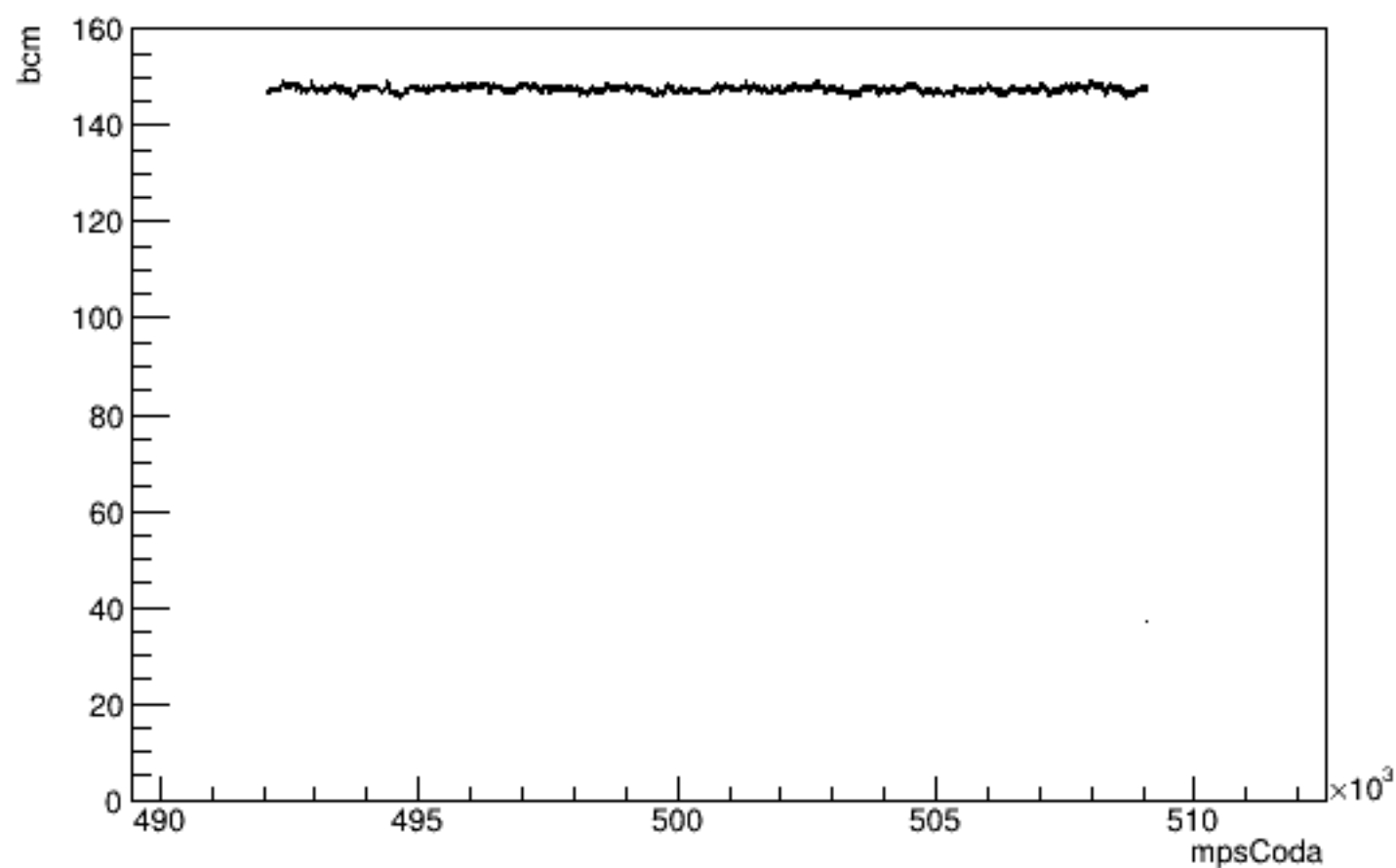
beamState + 1:mpsCoda {mpsCoda>=492065 && mpsCoda<=509968}



cavPowerCalibrated:mpsCoda {mpsCoda>=492065 && mpsCoda<=509968}



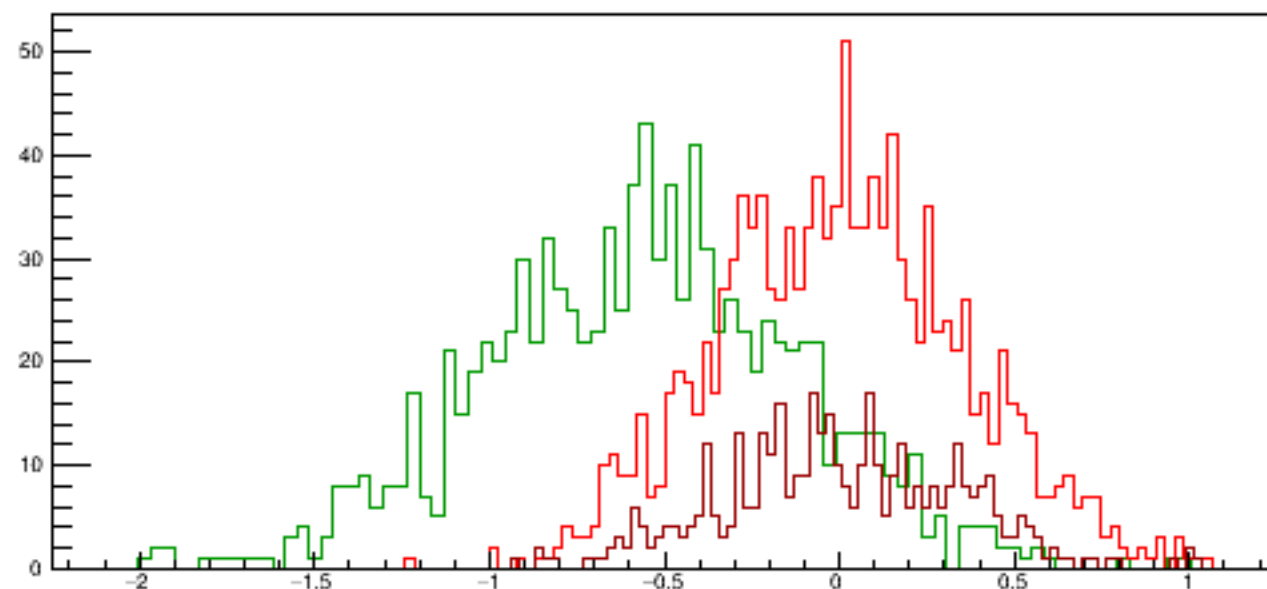
bcm:mpsCoda {mpsCoda>=492065 && mpsCoda<=509968}



Cycle 25, Diffs

Entries: 1231	Entries: 1025	Entries: 418
Mean: 0.0045 +/- 0.0101	Mean: -0.5642 +/- 0.0140	Mean: 0.0017 +/- 0.0165
Std Dev: 0.3536 +/- 0.0071	Std Dev: 0.4488 +/- 0.0099	Std Dev: 0.3379 +/- 0.0117

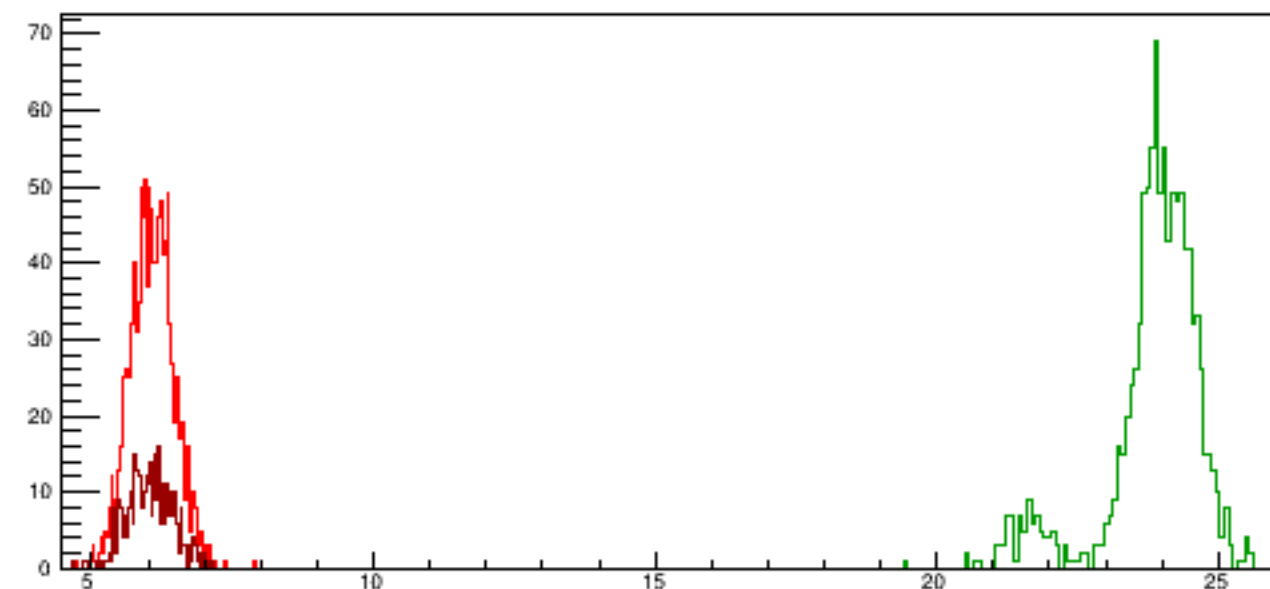
Run 6173 quartetwise, Diffs



Cycle 25, Sums

Entries: 1231	Entries: 1025	Entries: 418
Mean: 6.0649 +/- 0.0109	Mean: 23.8498 +/- 0.0266	Mean: 6.0271 +/- 0.0200
Std Dev: 0.3832 +/- 0.0077	Std Dev: 0.8529 +/- 0.0188	Std Dev: 0.4089 +/- 0.0141

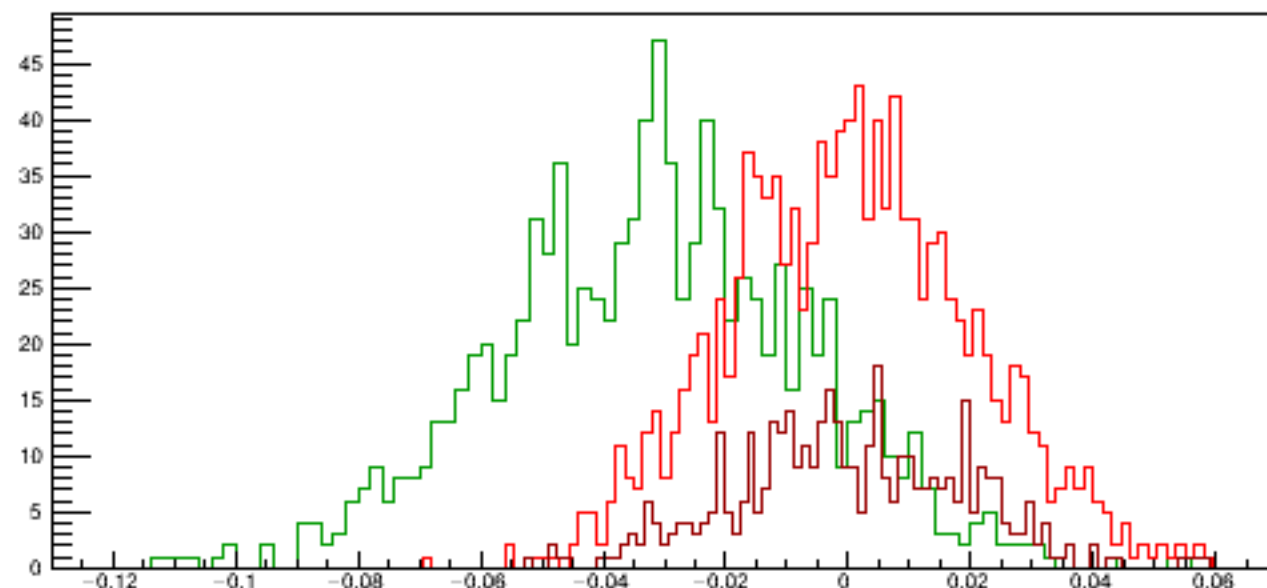
Run 6173 quartetwise, Sums



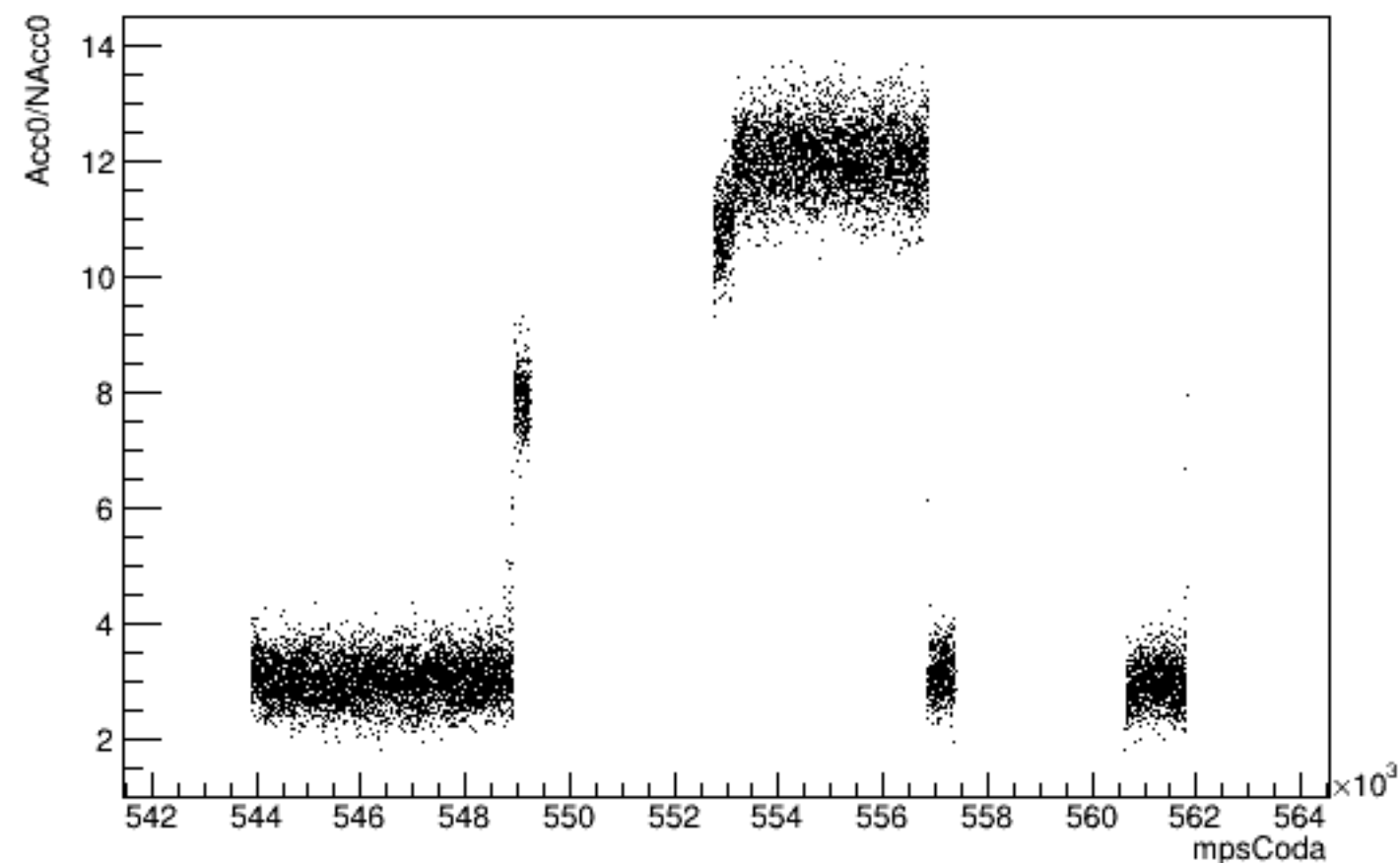
Cycle 25, Asyms

Entries: 1231	Entries: 1025	Entries: 418
Mean: 0.0003 +/- 0.0006	Mean: -0.0318 +/- 0.0008	Mean: 0.0001 +/- 0.0009
Std Dev: 0.0199 +/- 0.0004	Std Dev: 0.0252 +/- 0.0006	Std Dev: 0.0190 +/- 0.0007

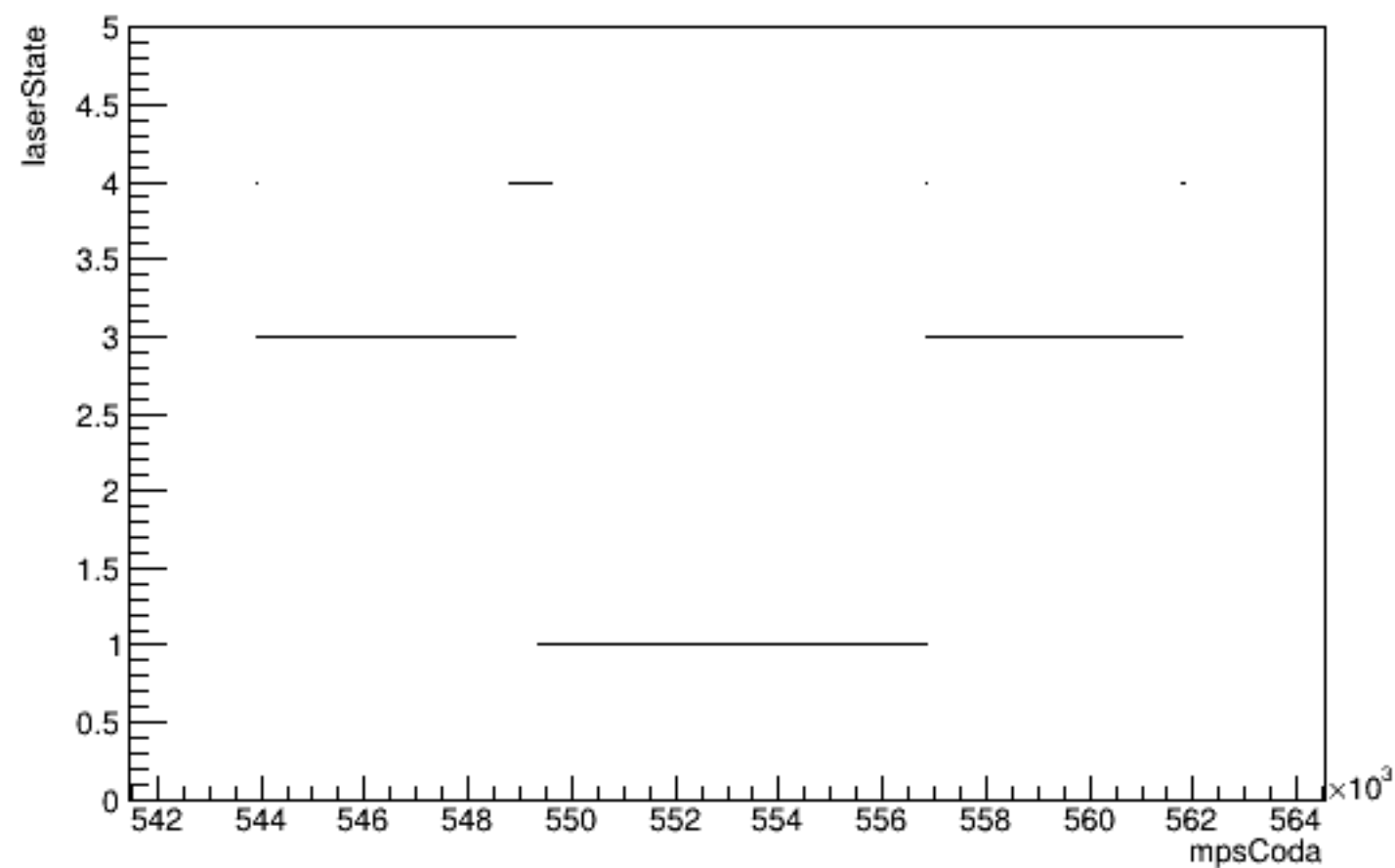
Run 6173 quartetwise, Asyms



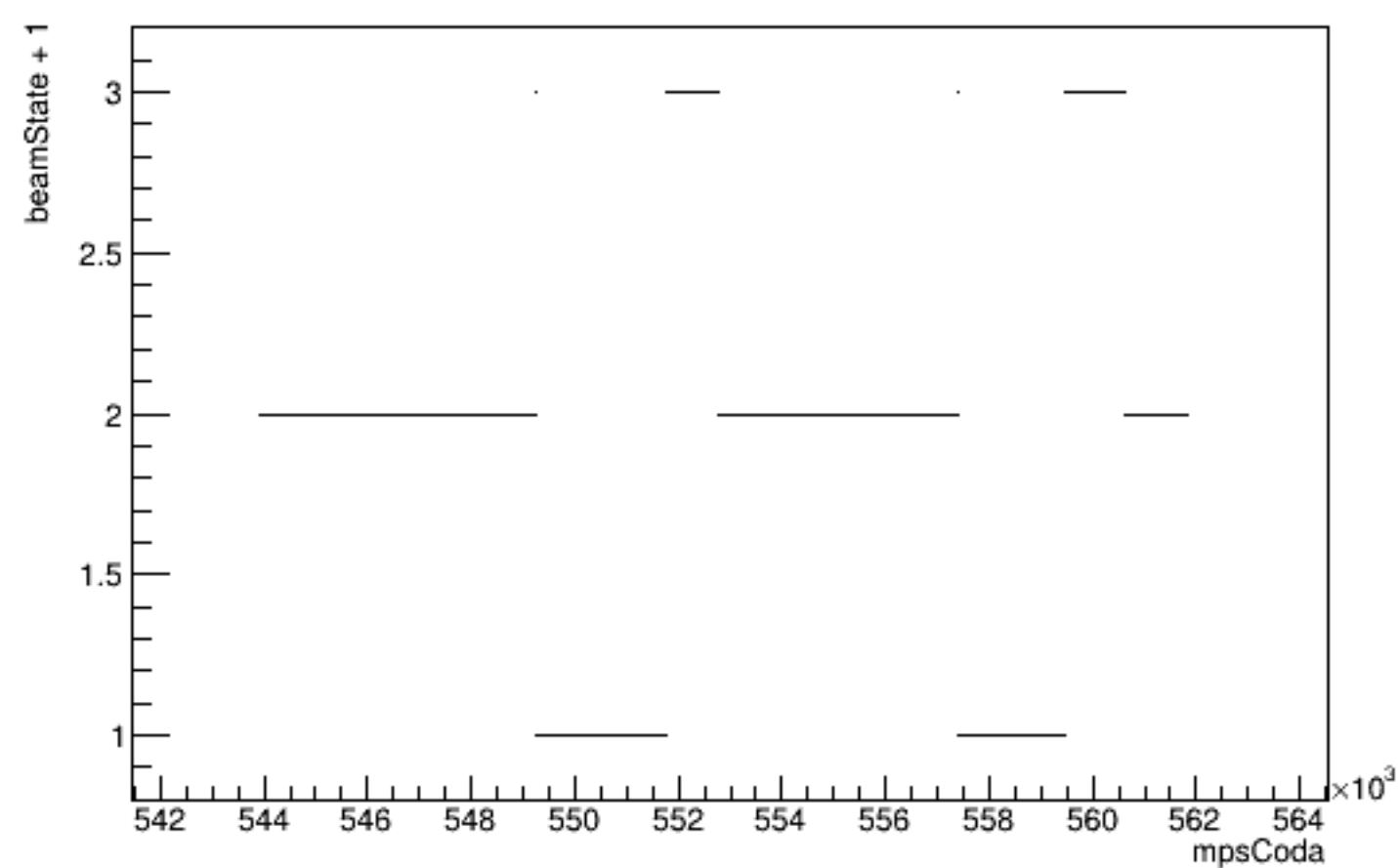
Acc0/NAcc0:mpsCoda (mpsCoda>=543897 && mpsCoda<=561804 && beamState==1)



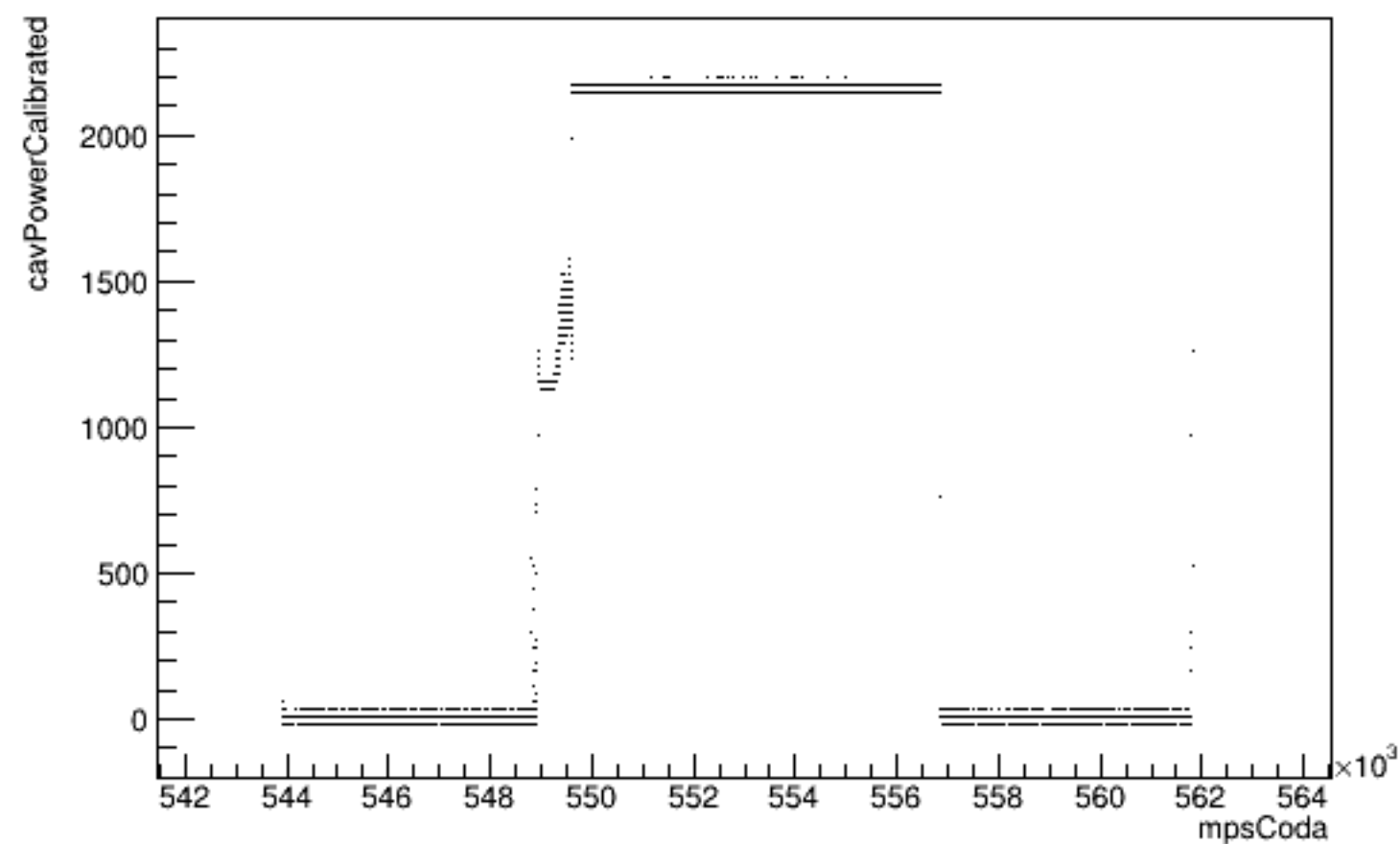
laserState:mpsCoda {mpsCoda>=543897 && mpsCoda<=561804}



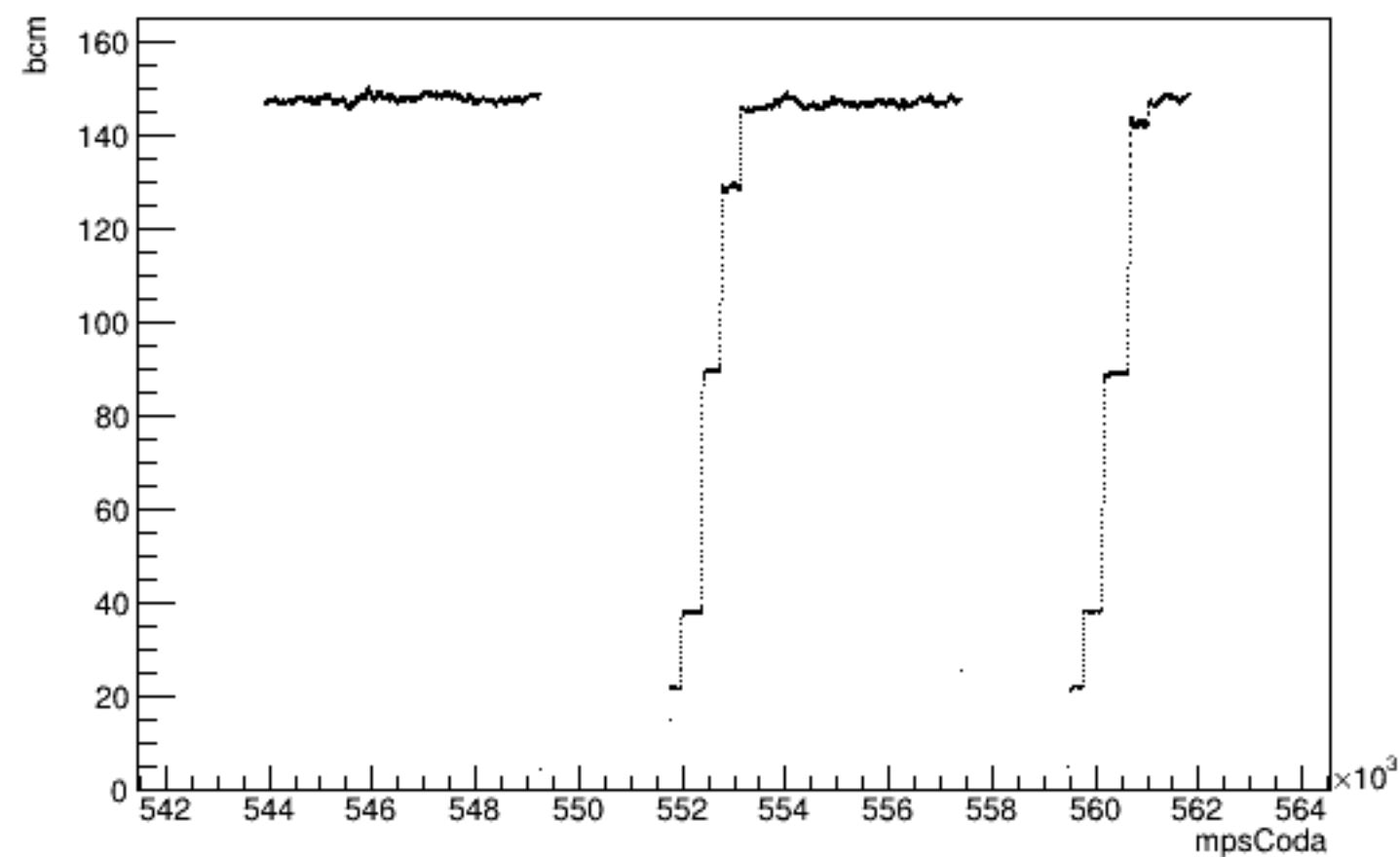
beamState + 1:mpsCoda {mpsCoda>=543897 && mpsCoda<=561804}



cavPowerCalibrated:mpsCoda {mpsCoda>=543897 && mpsCoda<=561804}



bcm:mpsCoda {mpsCoda>=543897 && mpsCoda<=561804}



Cycle 26, Diffs

Entries: 1033

Mean: 0.0161 +/- 0.0108

Std Dev: 0.3475 +/- 0.0076

Entries: 1807

Mean: -0.5212 +/- 0.0105

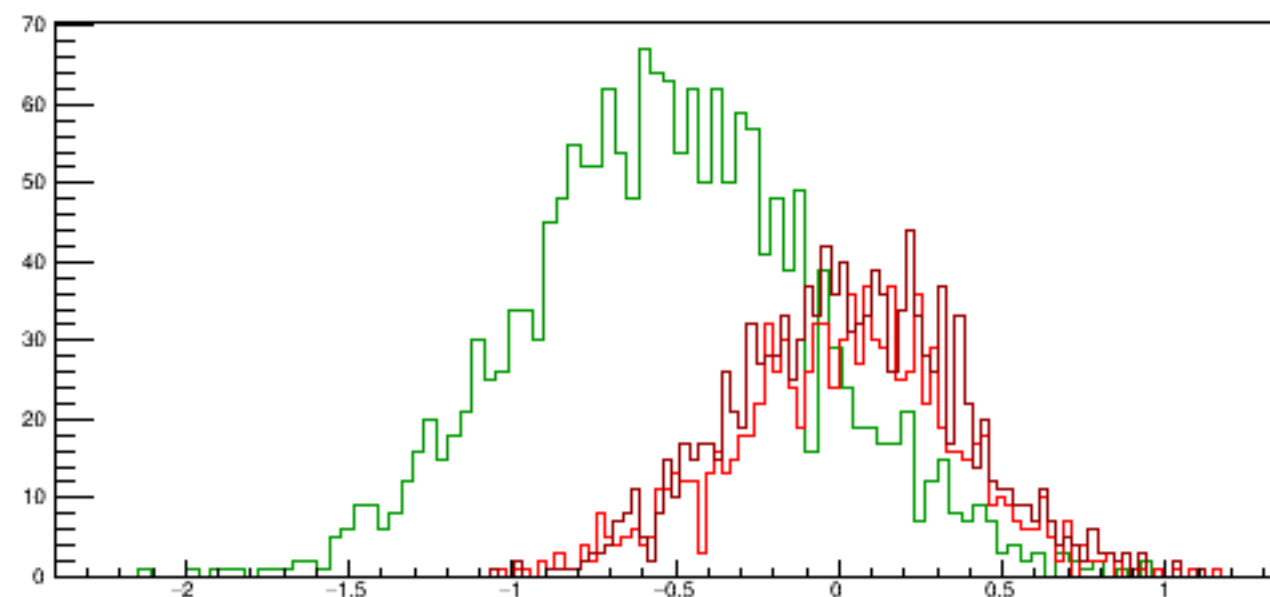
Std Dev: 0.4456 +/- 0.0074

Entries: 1243

Mean: 0.0244 +/- 0.0097

Std Dev: 0.3407 +/- 0.0068

Run 6173 quartetwise, Diffs



Cycle 26, Sums

Entries: 1033

Mean: 6.0485 +/- 0.0140

Std Dev: 0.4495 +/- 0.0099

Entries: 1807

Mean: 23.3617 +/- 0.0121

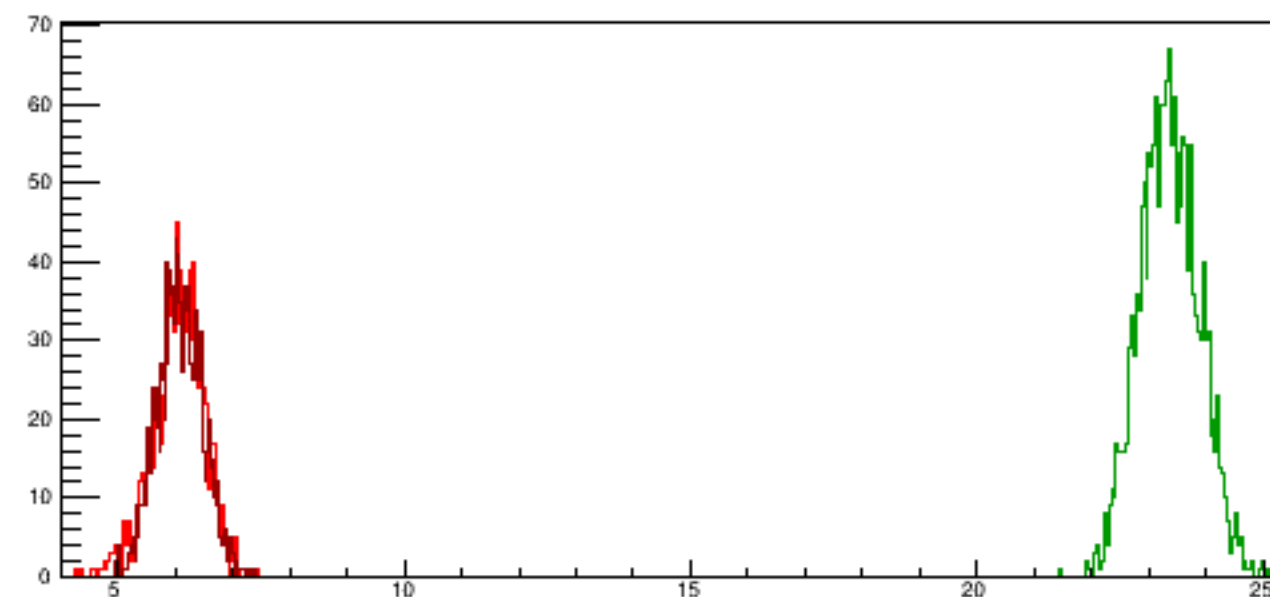
Std Dev: 0.5125 +/- 0.0085

Entries: 1243

Mean: 6.0815 +/- 0.0112

Std Dev: 0.3935 +/- 0.0079

Run 6173 quartetwise, Sums



Cycle 26, Asyms

Entries: 1033

Mean: 0.0009 +/- 0.0006

Std Dev: 0.0201 +/- 0.0004

Entries: 1807

Mean: -0.0302 +/- 0.0006

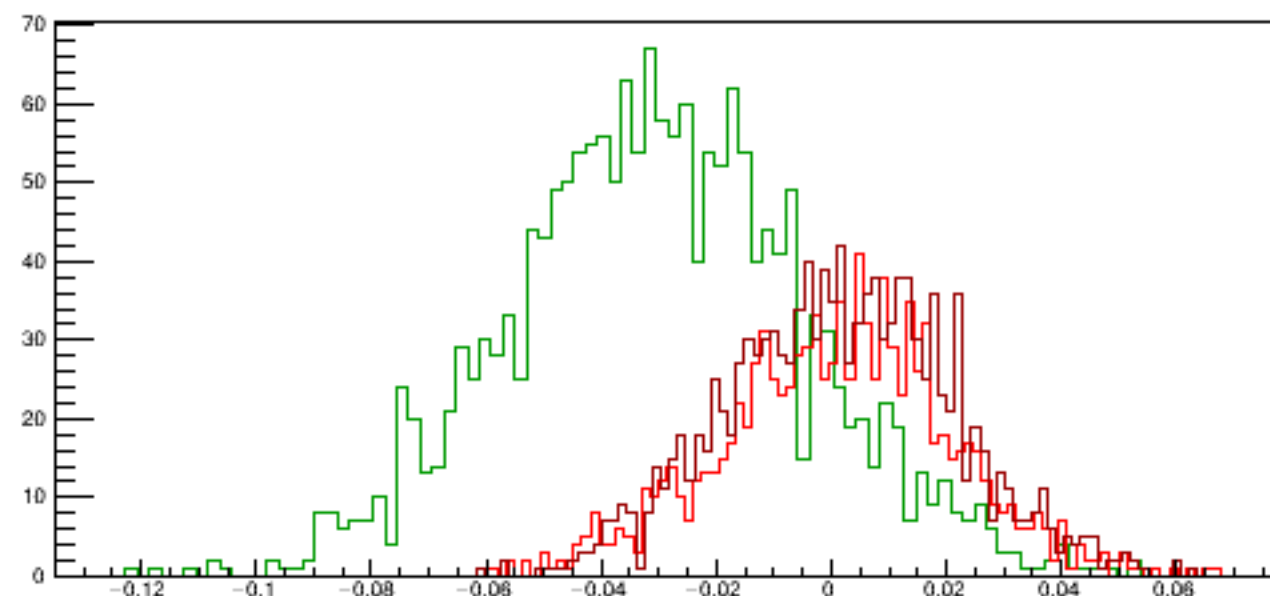
Std Dev: 0.0258 +/- 0.0004

Entries: 1243

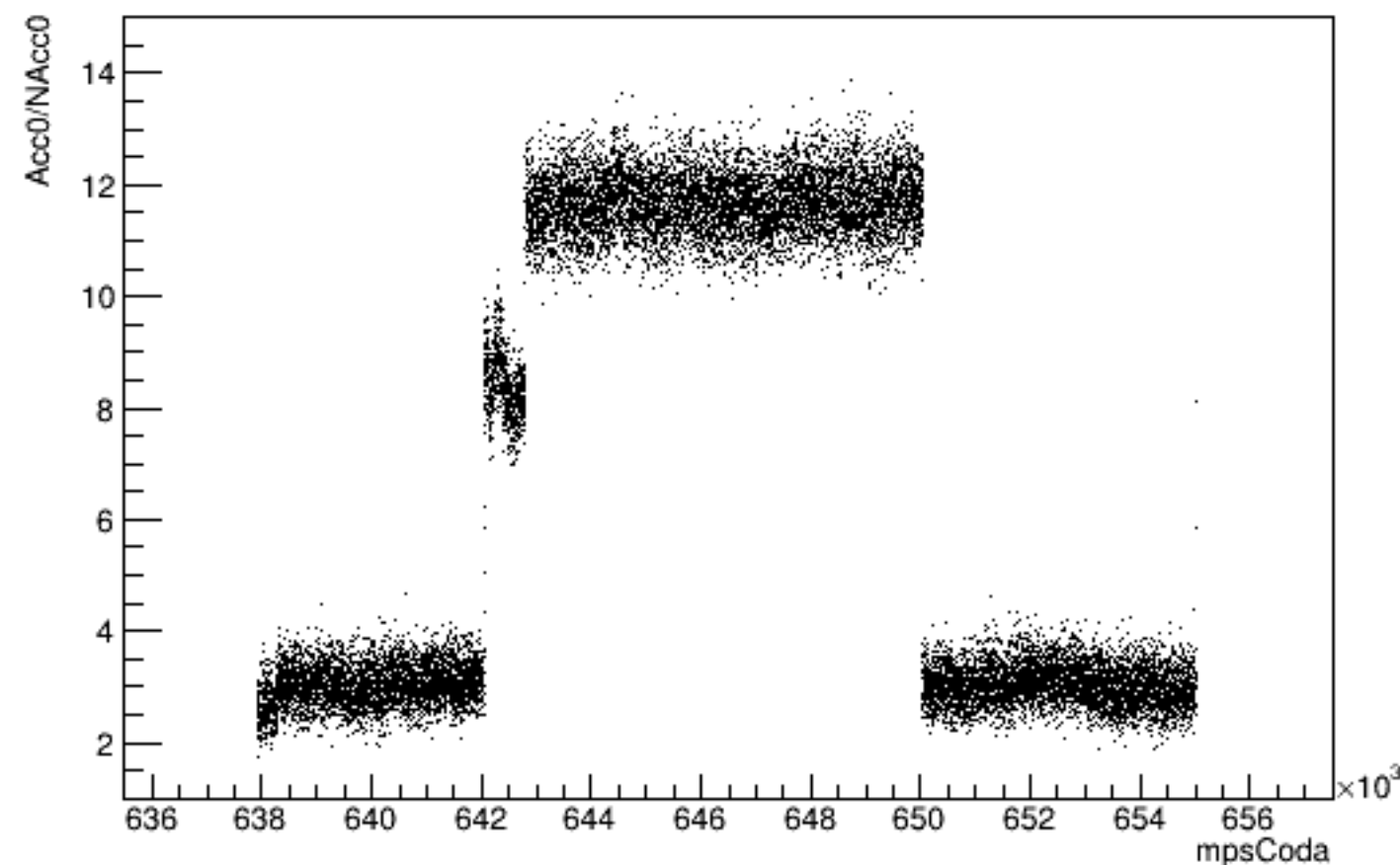
Mean: 0.0014 +/- 0.0006

Std Dev: 0.0197 +/- 0.0004

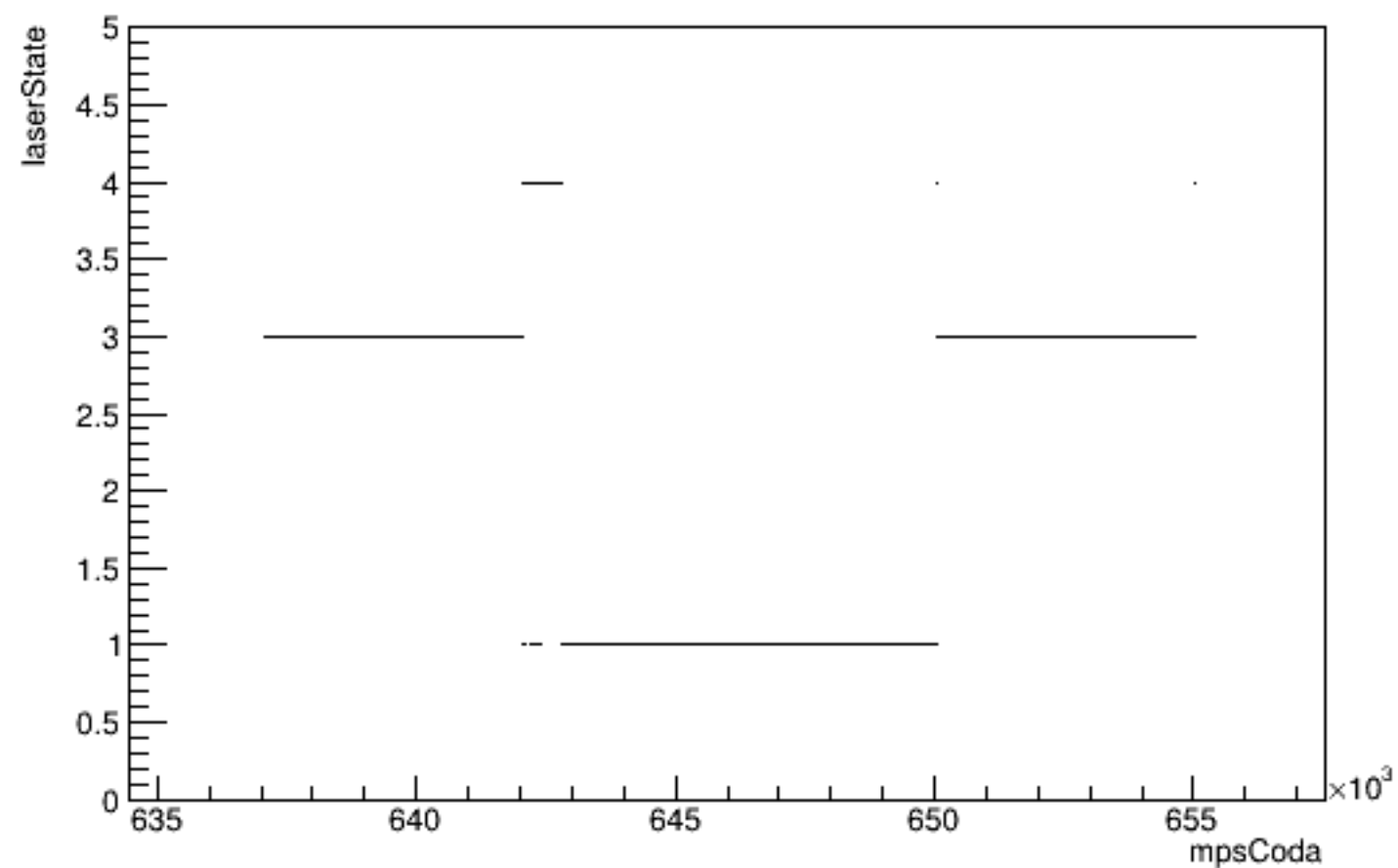
Run 6173 quartetwise, Asyms



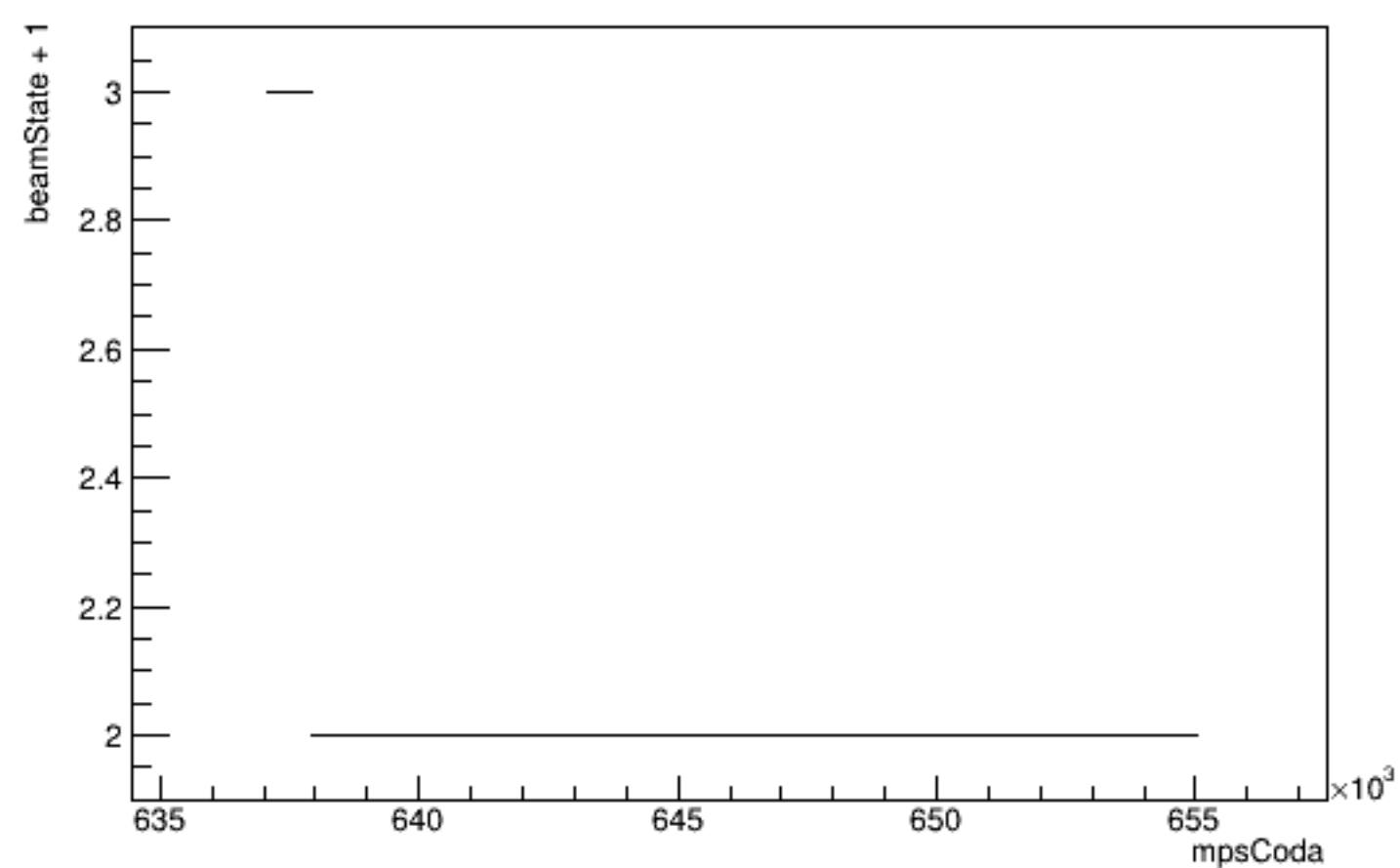
Acc0/NAcc0:mpsCoda (mpsCoda>=637089 && mpsCoda<=655012 && beamState==1)



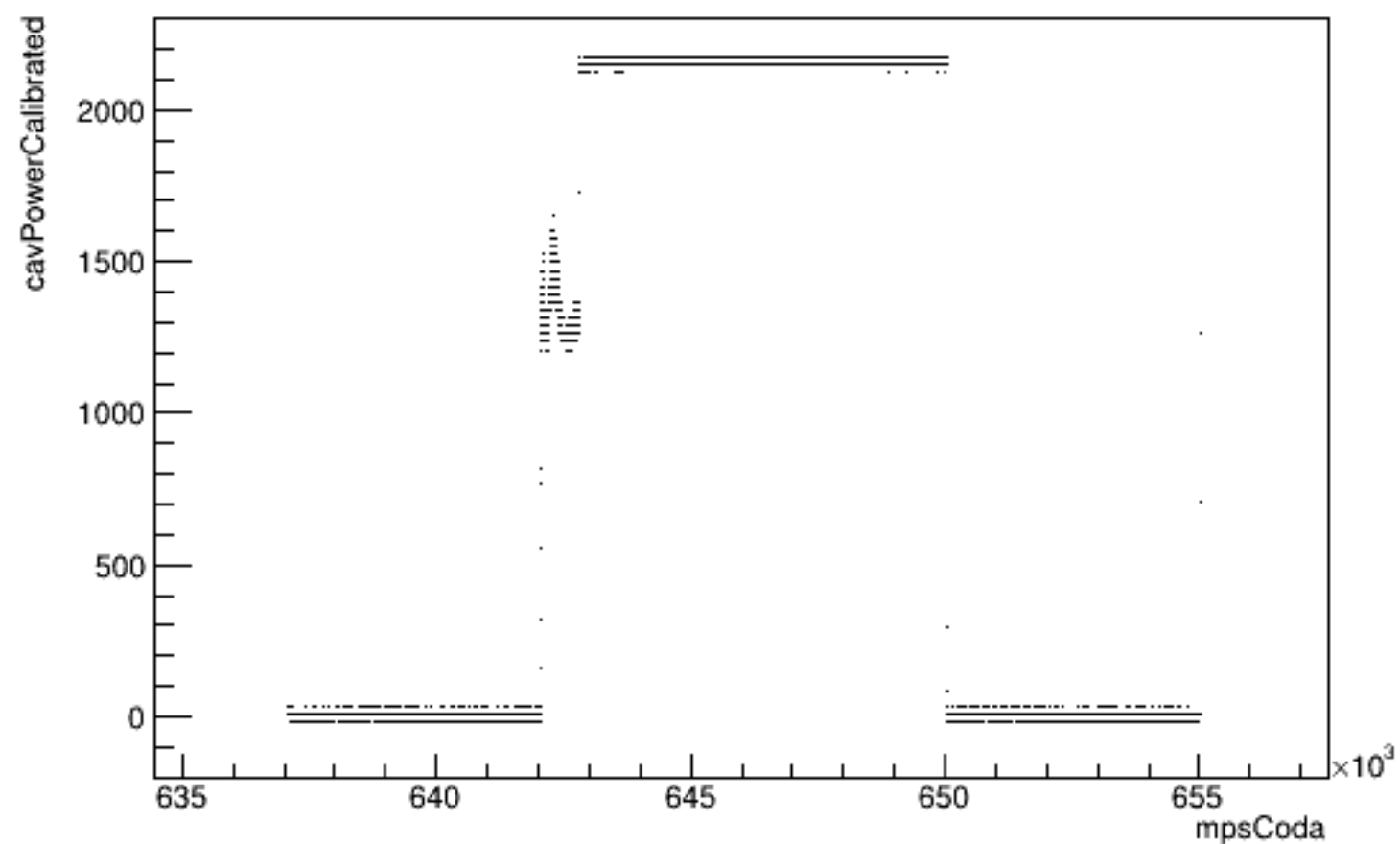
laserState:mpsCoda {mpsCoda>=637089 && mpsCoda<=655012}



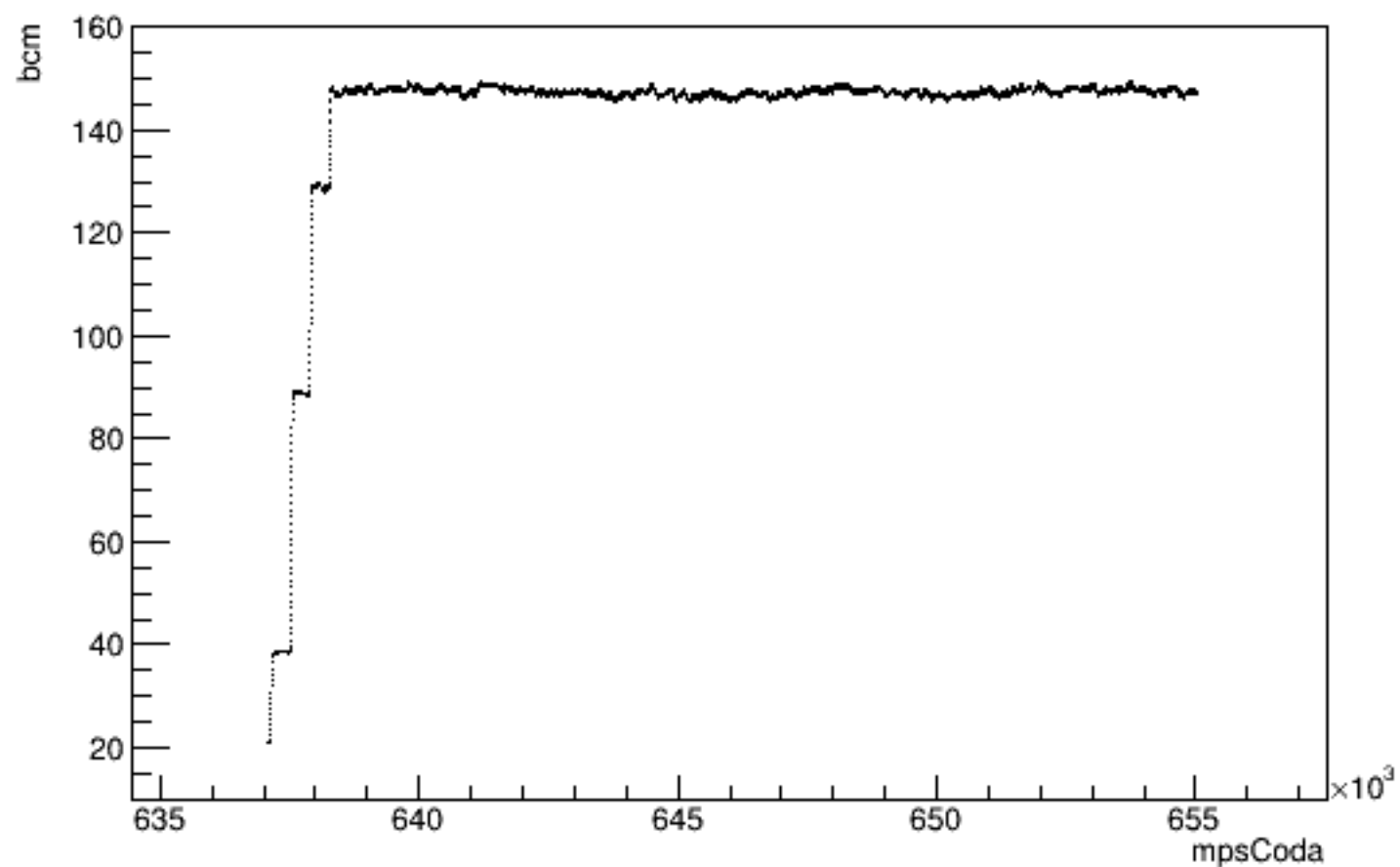
beamState + 1:mpsCoda {mpsCoda>=637089 && mpsCoda<=655012}



cavPowerCalibrated:mpsCoda {mpsCoda>=637089 && mpsCoda<=655012}



bcm:mpsCoda {mpsCoda>=637089 && mpsCoda<=655012}



Cycle 27, Diffs

Entries: 1243

Mean: 0.0244 +/- 0.0097

Std Dev: 0.3407 +/- 0.0068

Entries: 1802

Mean: -0.5589 +/- 0.0105

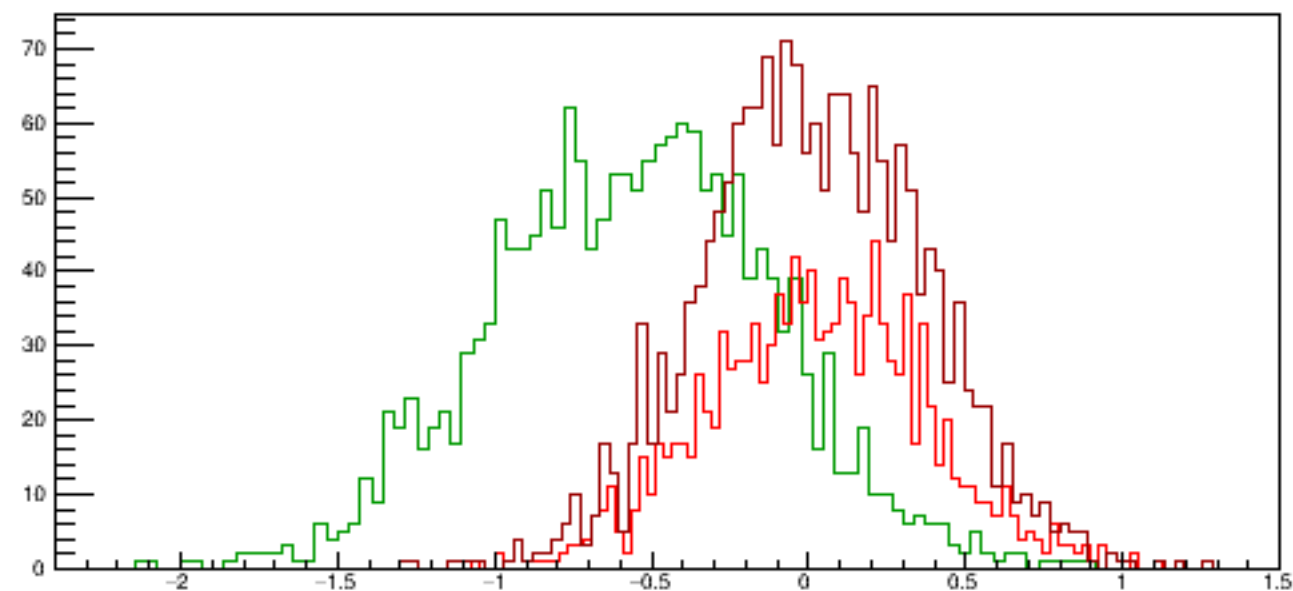
Std Dev: 0.4462 +/- 0.0074

Entries: 1903

Mean: 0.0148 +/- 0.0081

Std Dev: 0.3517 +/- 0.0057

Run 6173 quartetwise, Diffs



Cycle 27, Sums

Entries: 1243

Mean: 6.0815 +/- 0.0112

Std Dev: 0.3935 +/- 0.0079

Entries: 1802

Mean: 23.6668 +/- 0.0119

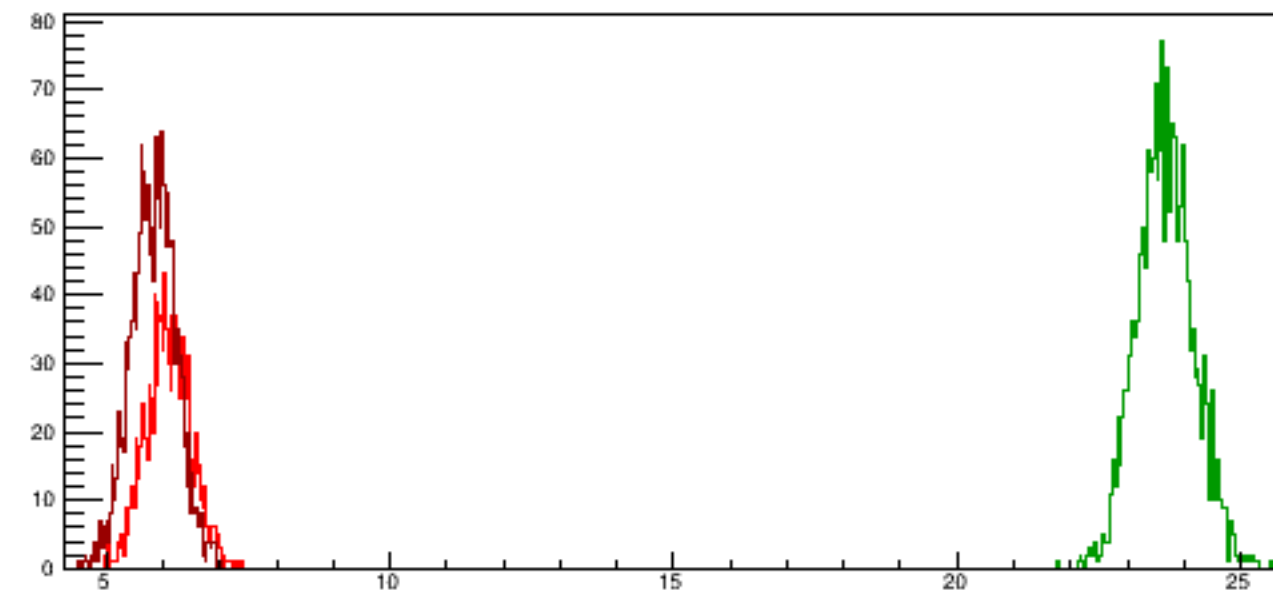
Std Dev: 0.5030 +/- 0.0084

Entries: 1903

Mean: 5.8286 +/- 0.0090

Std Dev: 0.3939 +/- 0.0064

Run 6173 quartetwise, Sums



Cycle 27, Asyms

Entries: 1243

Mean: 0.0014 +/- 0.0005

Std Dev: 0.0192 +/- 0.0004

Entries: 1802

Mean: -0.0316 +/- 0.0006

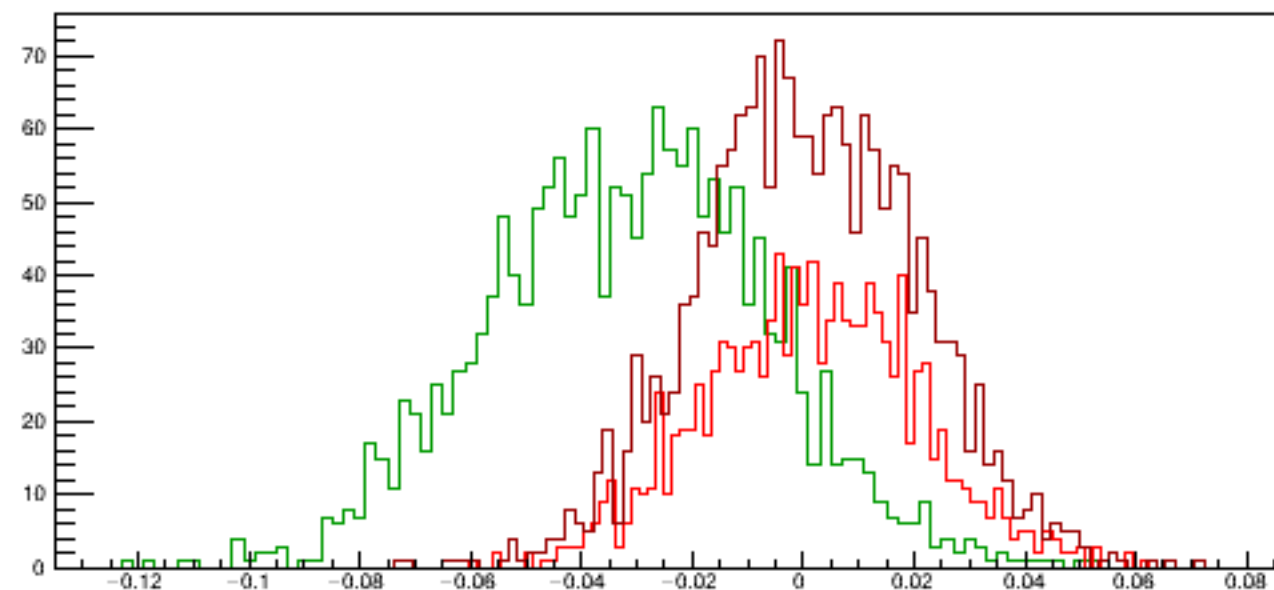
Std Dev: 0.0252 +/- 0.0004

Entries: 1903

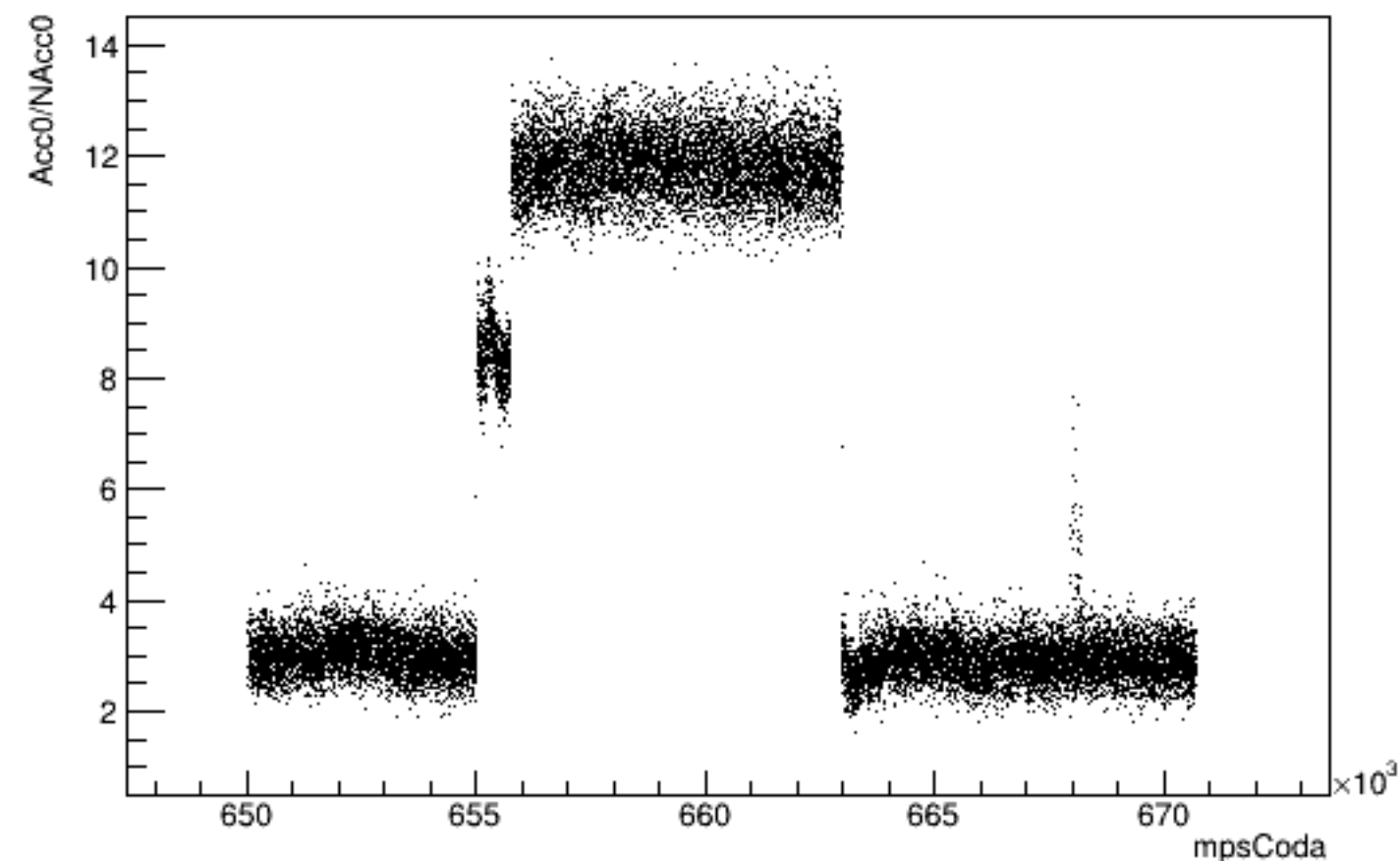
Mean: 0.0008 +/- 0.0005

Std Dev: 0.0199 +/- 0.0003

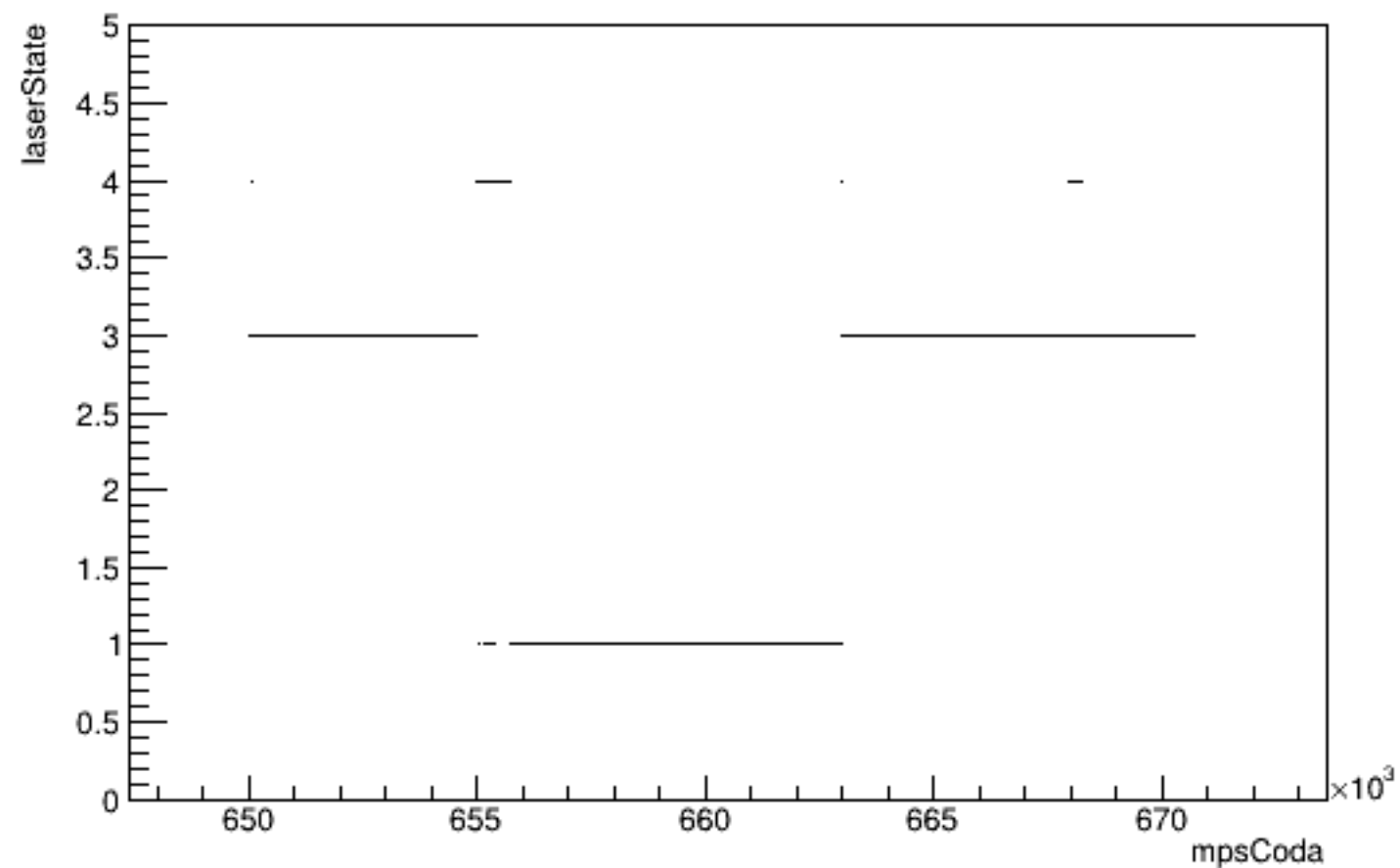
Run 6173 quartetwise, Asyms



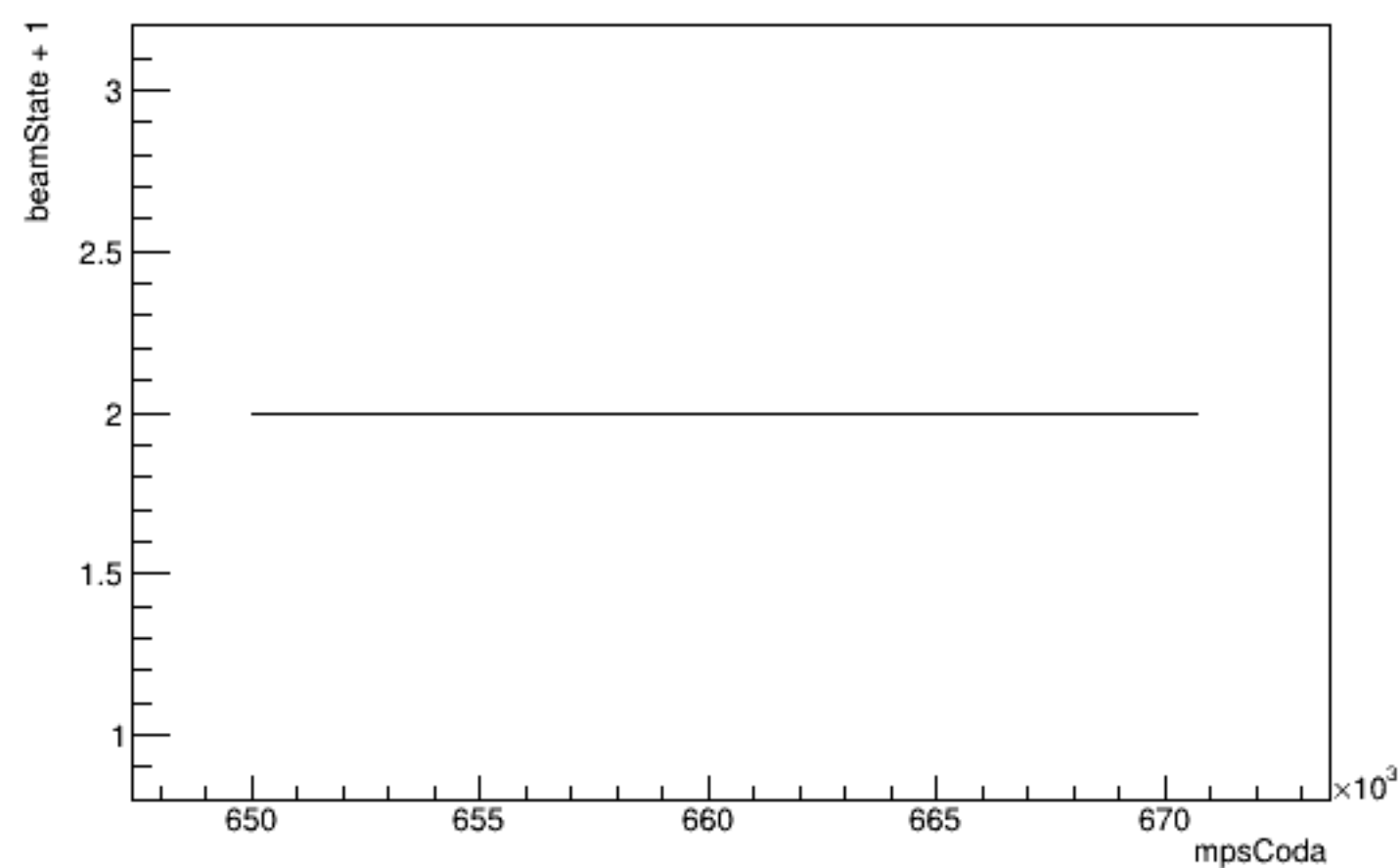
Acc0/NAcc0:mpsCoda (mpsCoda>=650033 && mpsCoda<=670692 && beamState==1)



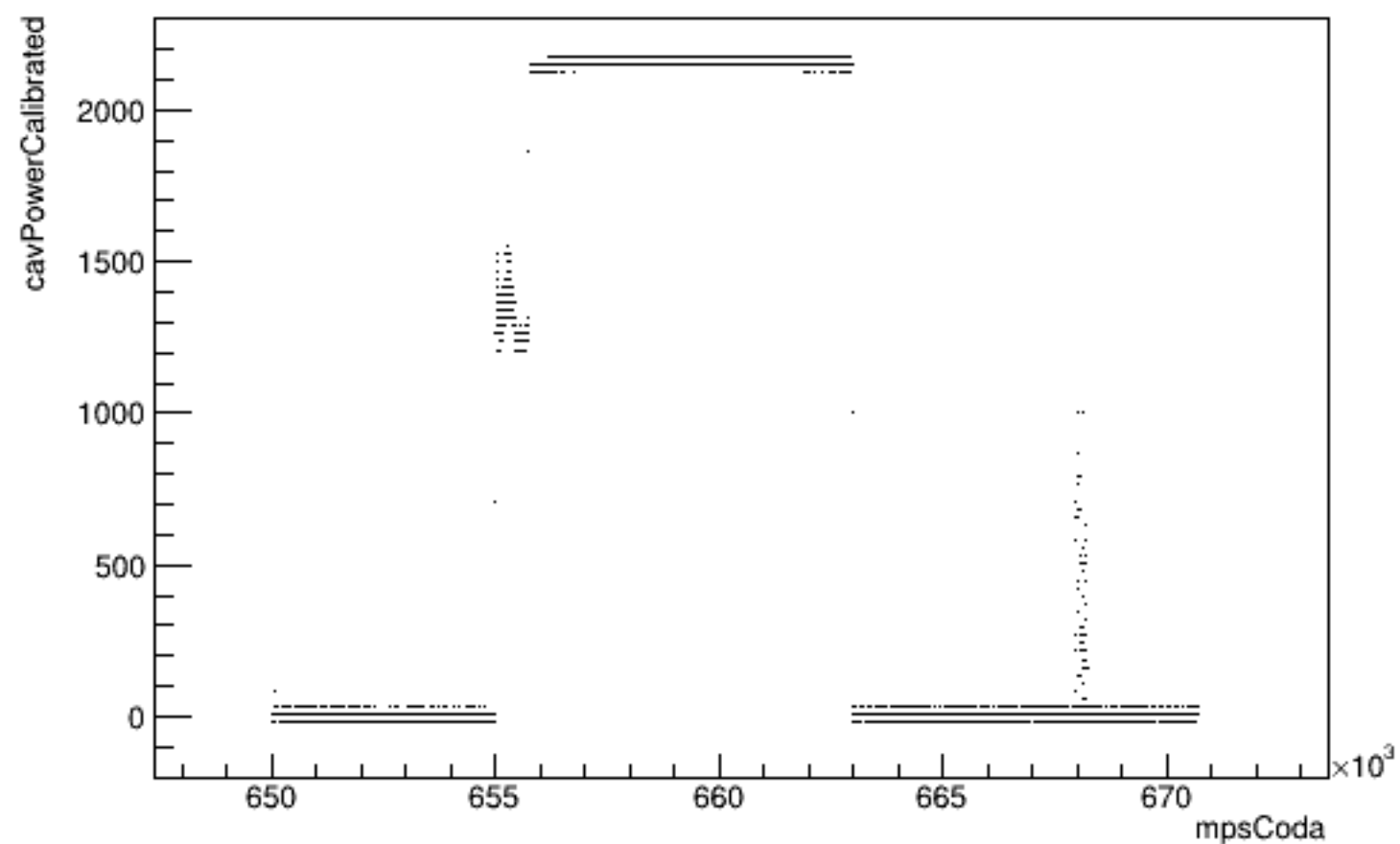
laserState:mpsCoda {mpsCoda>=650033 && mpsCoda<=670692}



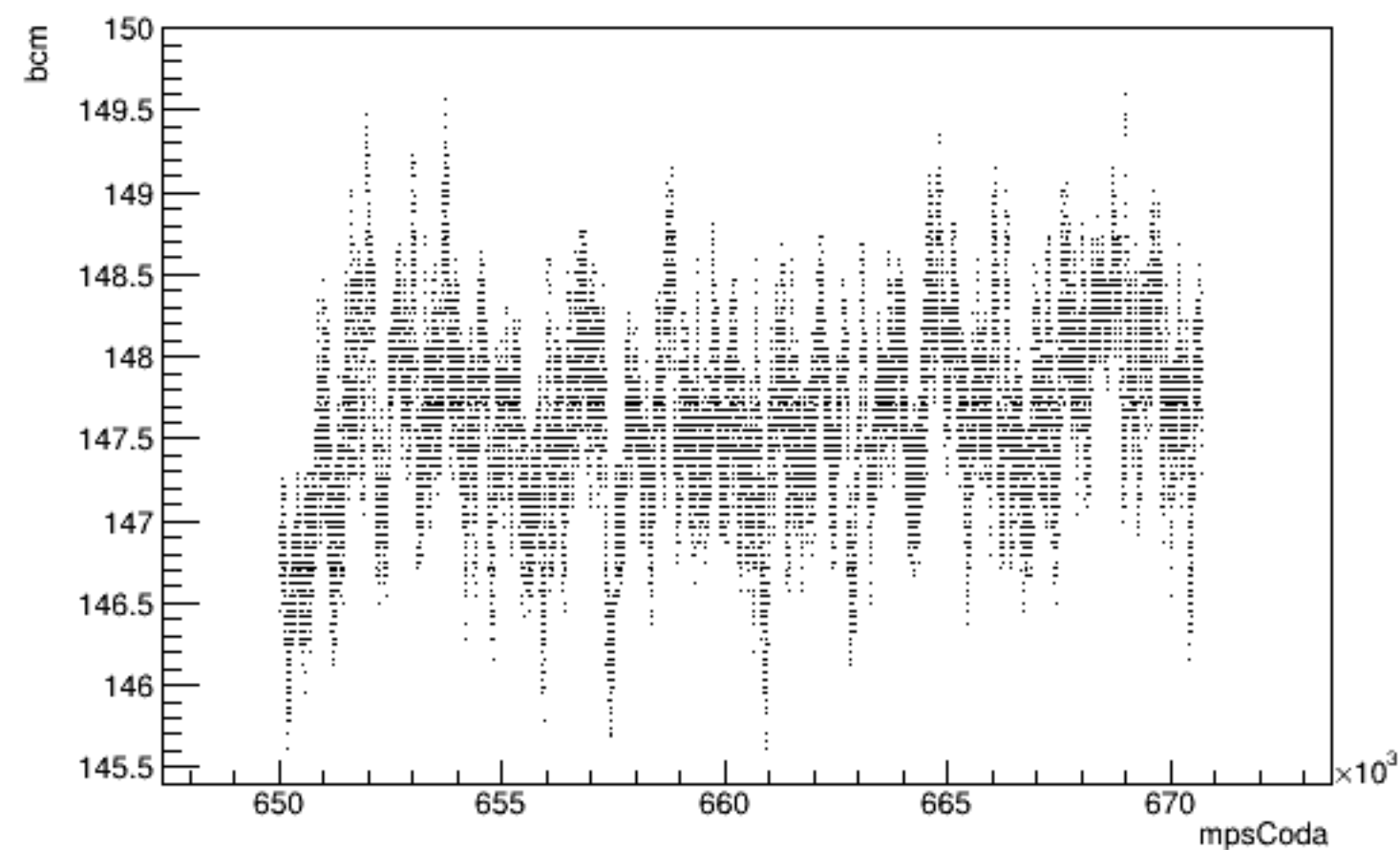
beamState + 1:mpsCoda {mpsCoda>=650033 && mpsCoda<=670692}



cavPowerCalibrated:mpsCoda {mpsCoda>=650033 && mpsCoda<=670692}



bcm:mpsCoda {mpsCoda>=650033 && mpsCoda<=670692}



Cycle 28, Diffs

Entries: 1903

Mean: 0.0148 +/- 0.0081

Std Dev: 0.3517 +/- 0.0057

Entries: 1805

Mean: -0.5775 +/- 0.0107

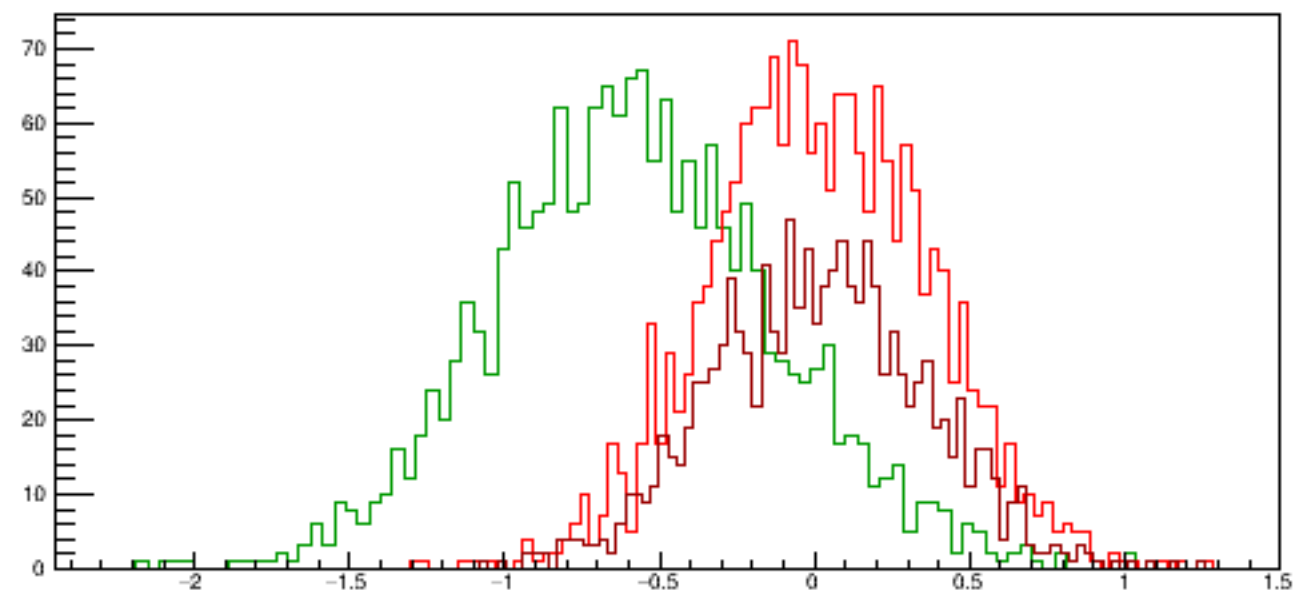
Std Dev: 0.4525 +/- 0.0075

Entries: 1250

Mean: 0.0108 +/- 0.0097

Std Dev: 0.3430 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 28, Sums

Entries: 1903

Mean: 5.8286 +/- 0.0090

Std Dev: 0.3939 +/- 0.0064

Entries: 1805

Mean: 23.8993 +/- 0.0113

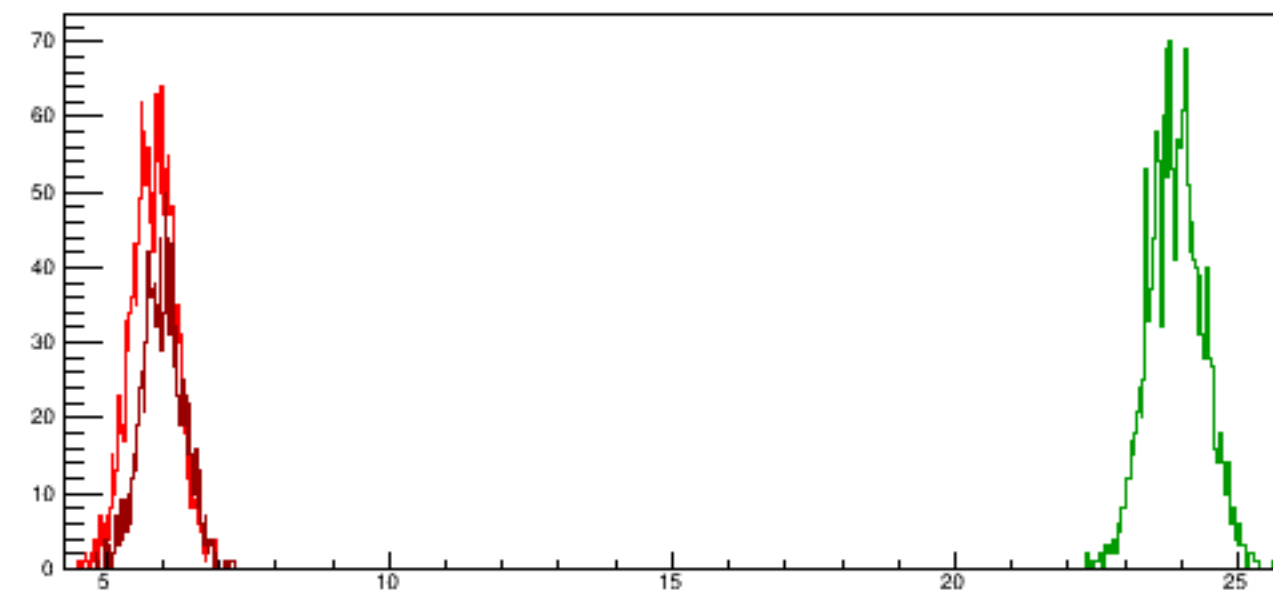
Std Dev: 0.4796 +/- 0.0080

Entries: 1250

Mean: 5.9904 +/- 0.0105

Std Dev: 0.3708 +/- 0.0074

Run 6173 quartetwise, Sums



Cycle 28, Asyms

Entries: 1903

Mean: 0.0008 +/- 0.0004

Std Dev: 0.0195 +/- 0.0003

Entries: 1805

Mean: -0.0321 +/- 0.0006

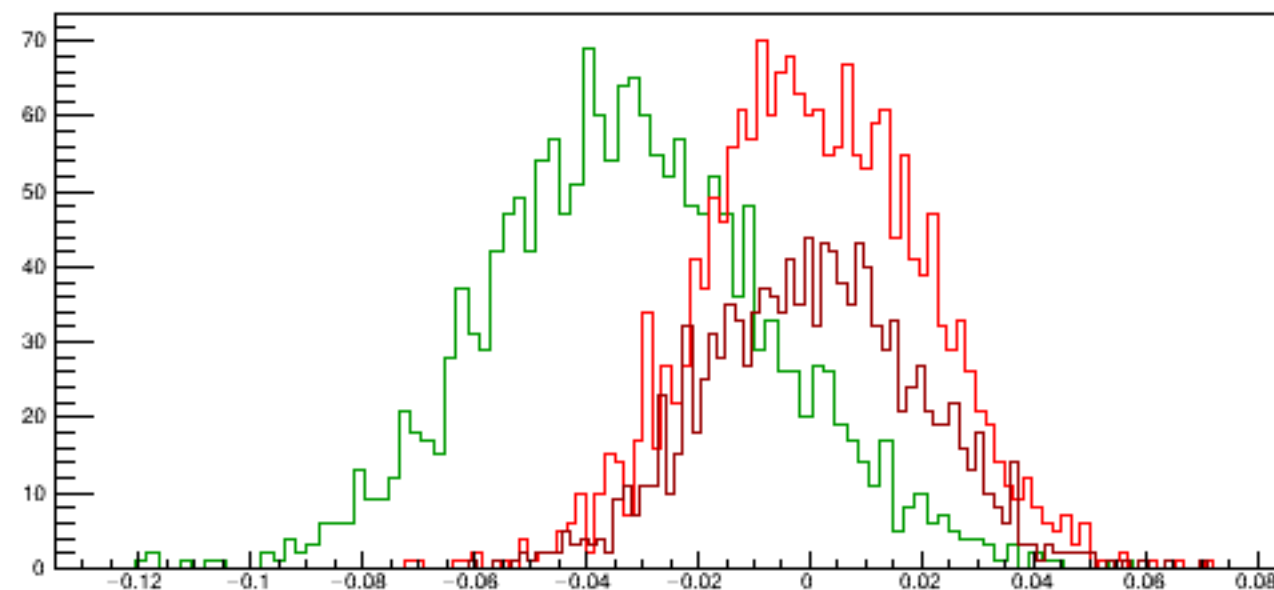
Std Dev: 0.0251 +/- 0.0004

Entries: 1250

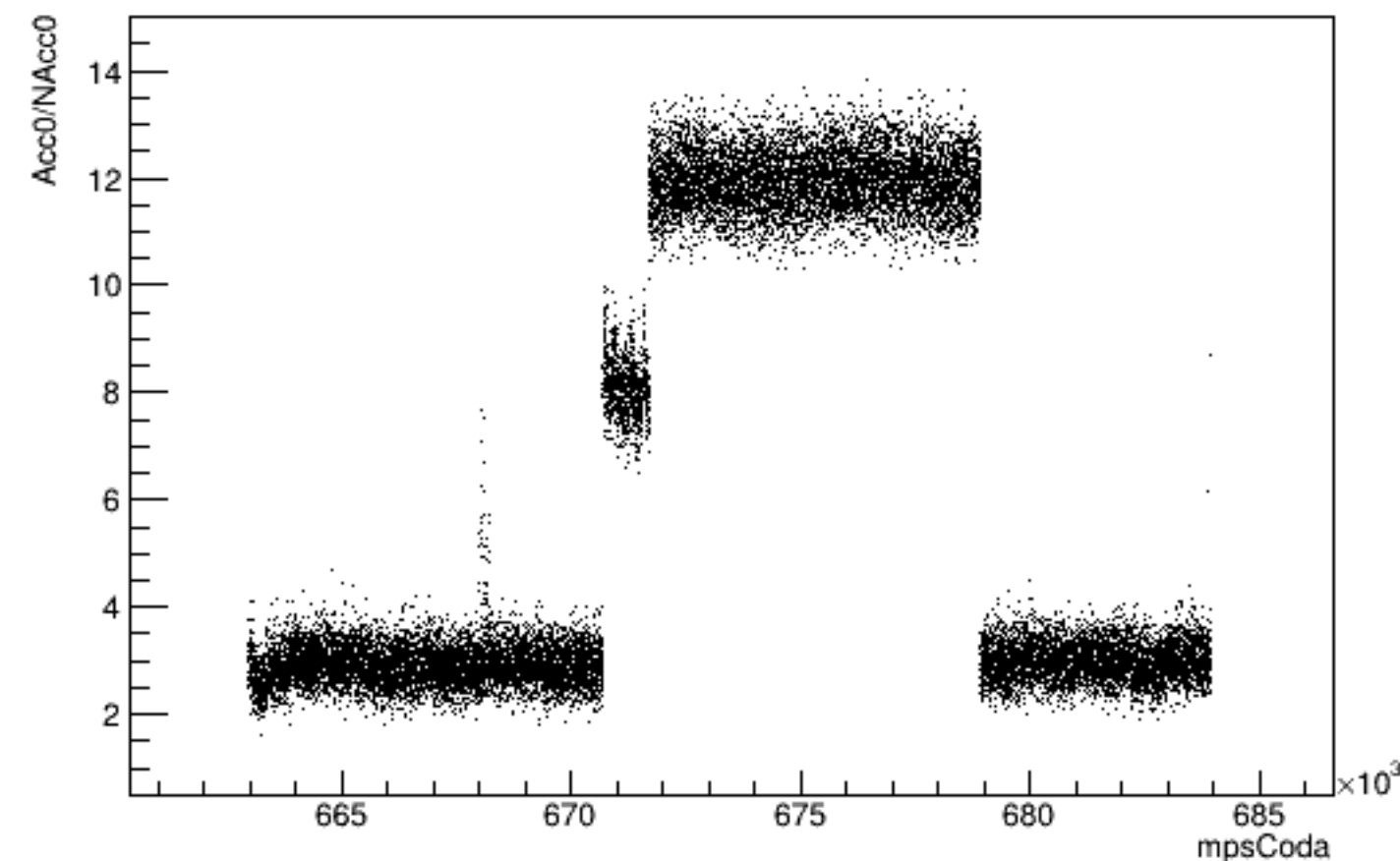
Mean: 0.0006 +/- 0.0005

Std Dev: 0.0191 +/- 0.0004

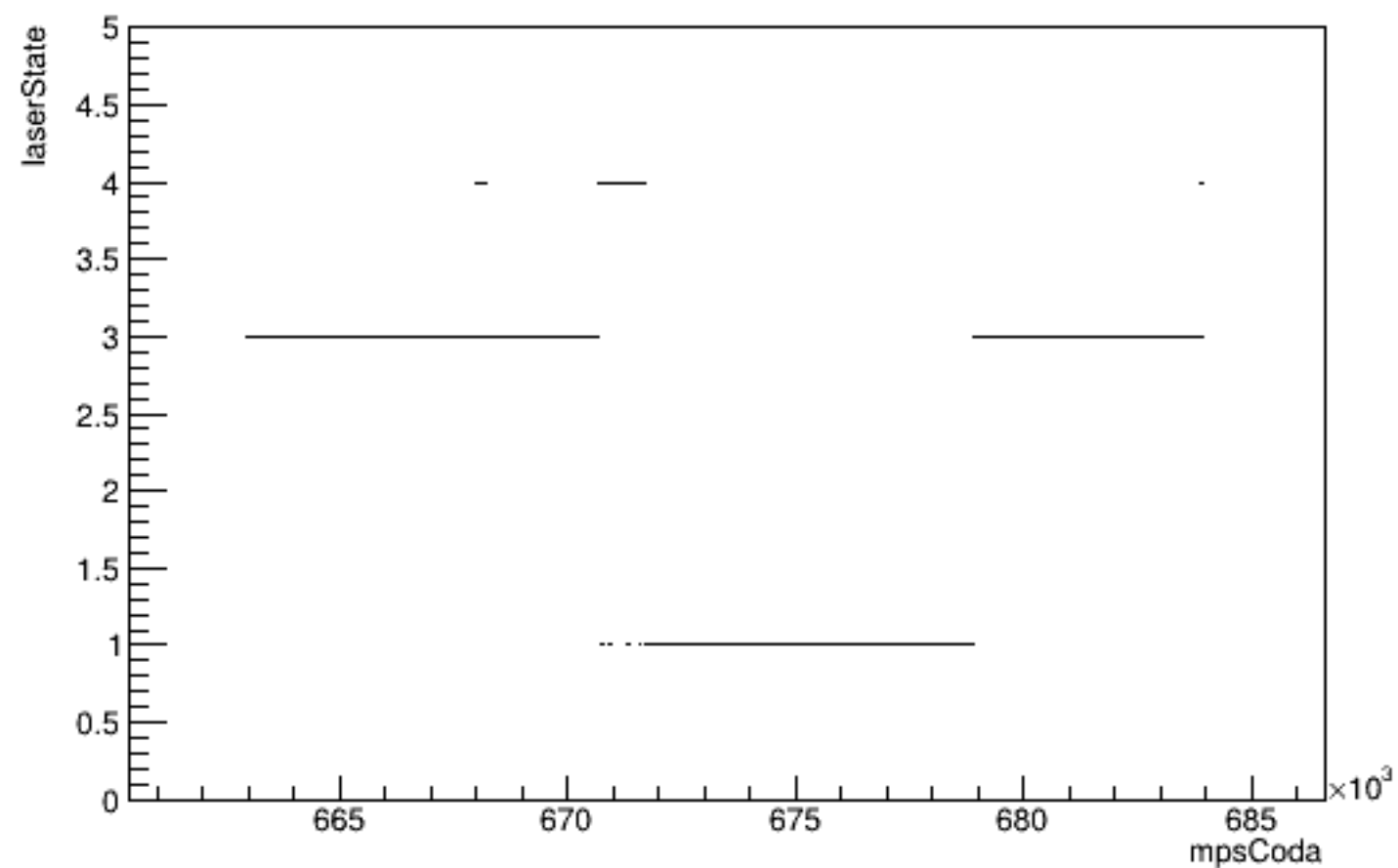
Run 6173 quartetwise, Asyms



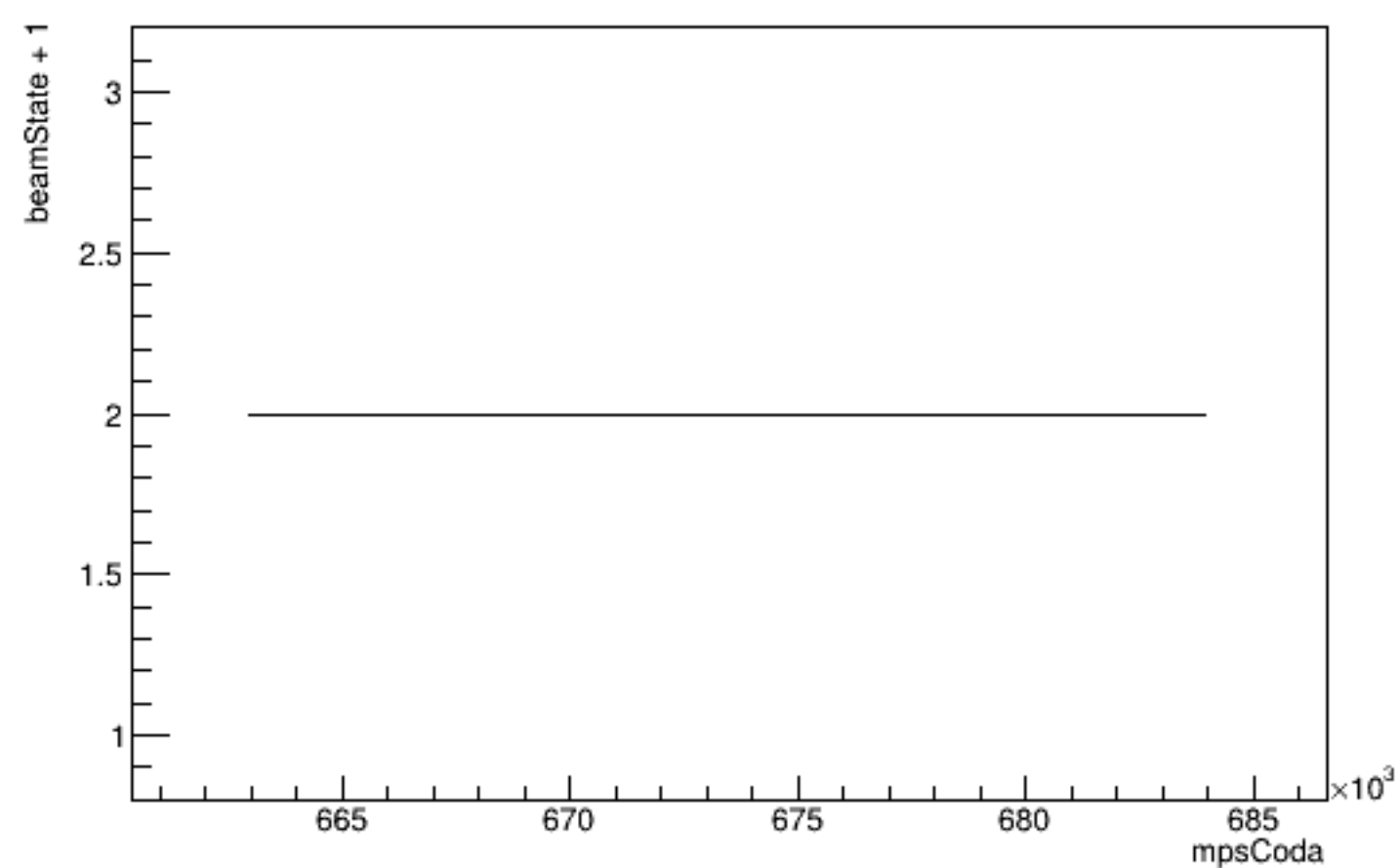
Acc0/NAcc0:mpsCoda (mpsCoda>=662969 && mpsCoda<=683928 && beamState==1)



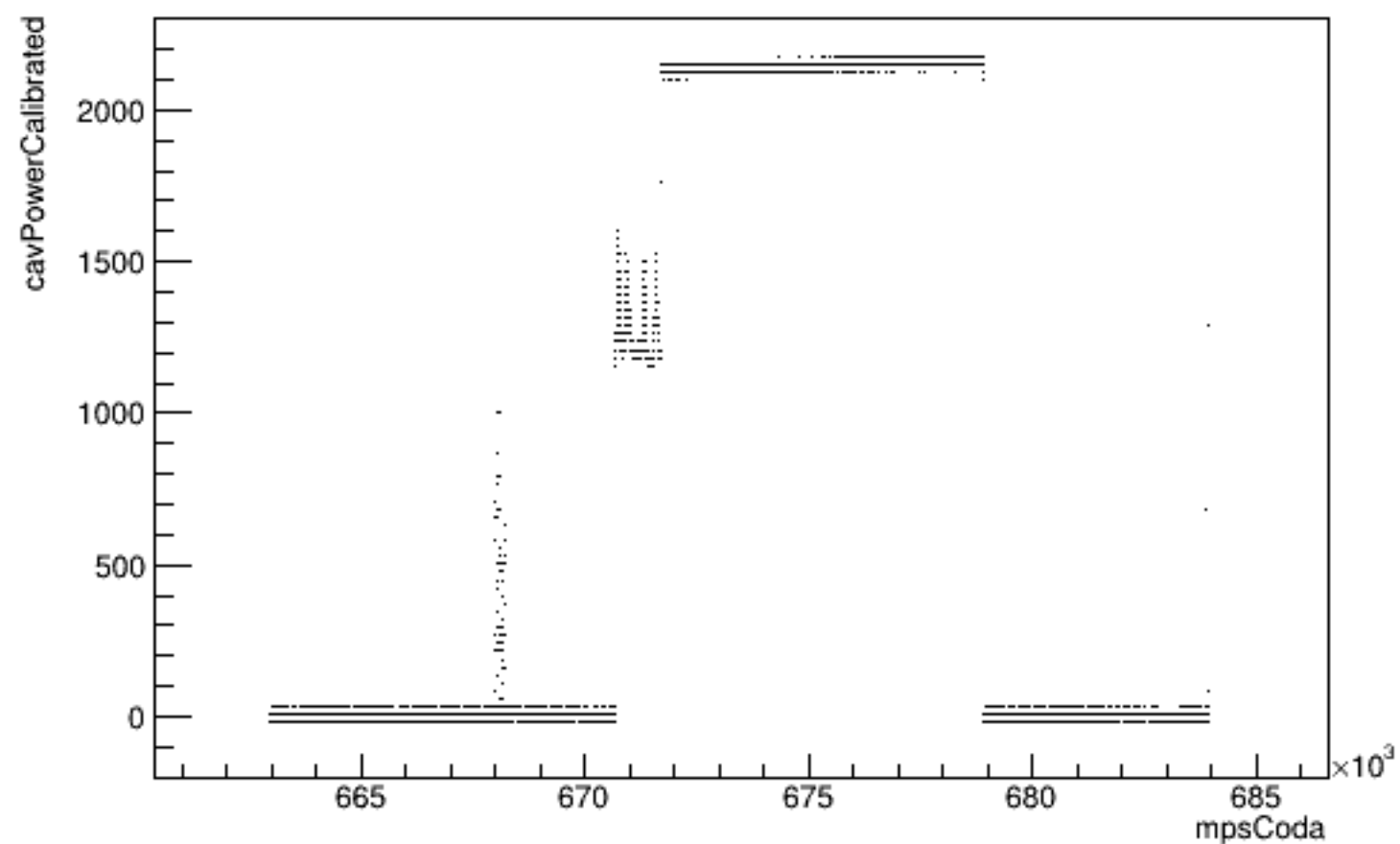
laserState:mpsCoda {mpsCoda>=662969 && mpsCoda<=683928}



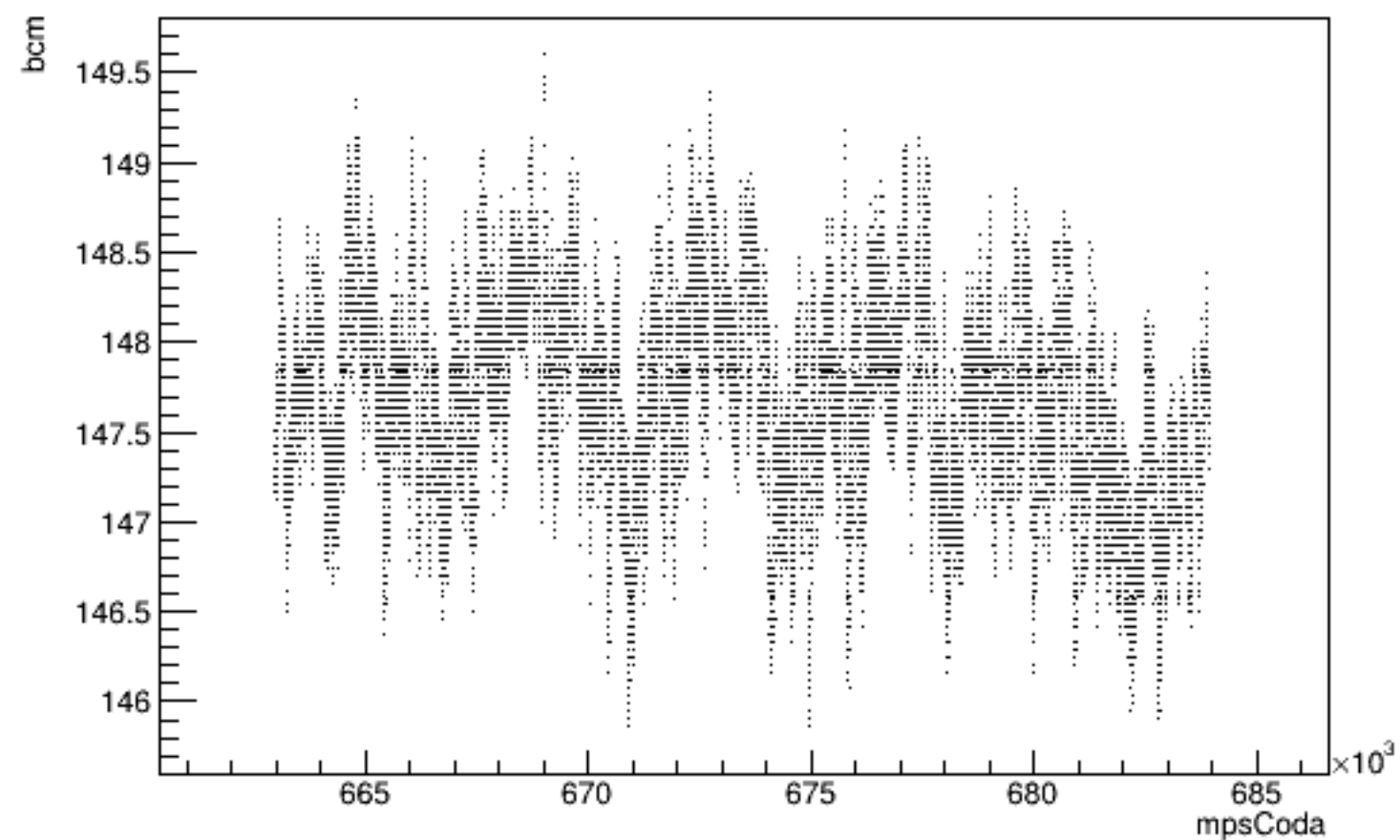
beamState + 1:mpsCoda {mpsCoda>=662969 && mpsCoda<=683928}



cavPowerCalibrated:mpsCoda {mpsCoda>=662969 && mpsCoda<=683928}



bcm:mpsCoda {mpsCoda>=662969 && mpsCoda<=683928}



Cycle 29, Diffs

Entries: 1250

Mean: 0.0108 +/- 0.0097

Std Dev: 0.3430 +/- 0.0069

Entries: 1804

Mean: -0.5623 +/- 0.0109

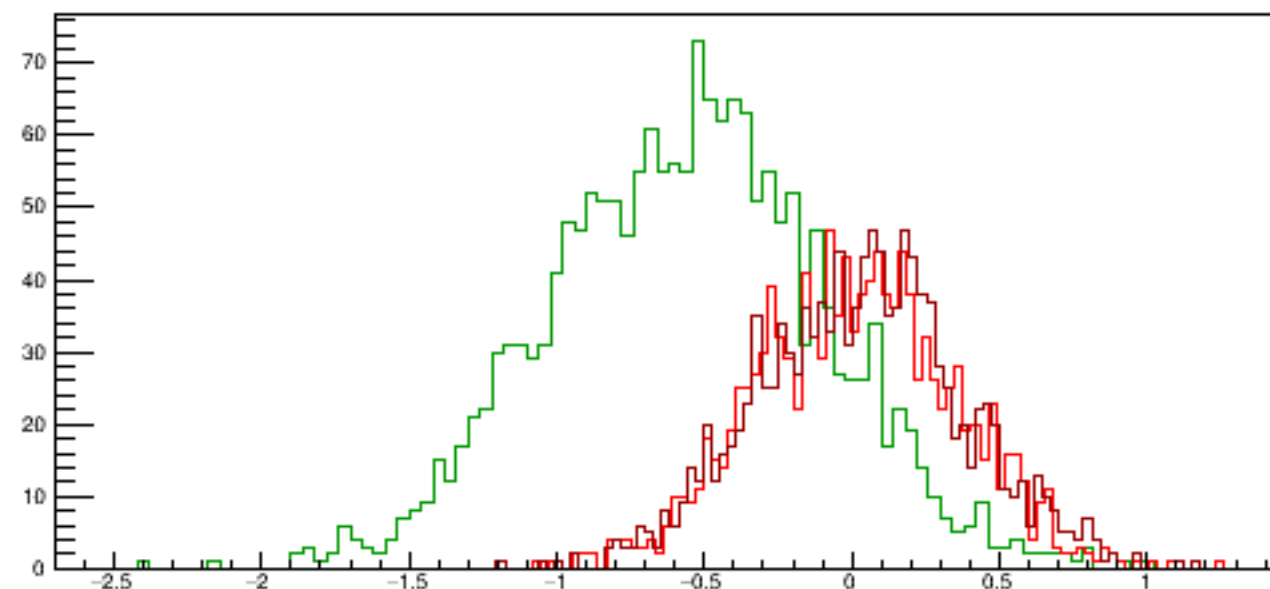
Std Dev: 0.4639 +/- 0.0077

Entries: 1255

Mean: 0.0243 +/- 0.0098

Std Dev: 0.3464 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 29, Sums

Entries: 1250

Mean: 5.9904 +/- 0.0105

Std Dev: 0.3708 +/- 0.0074

Entries: 1804

Mean: 23.6962 +/- 0.0119

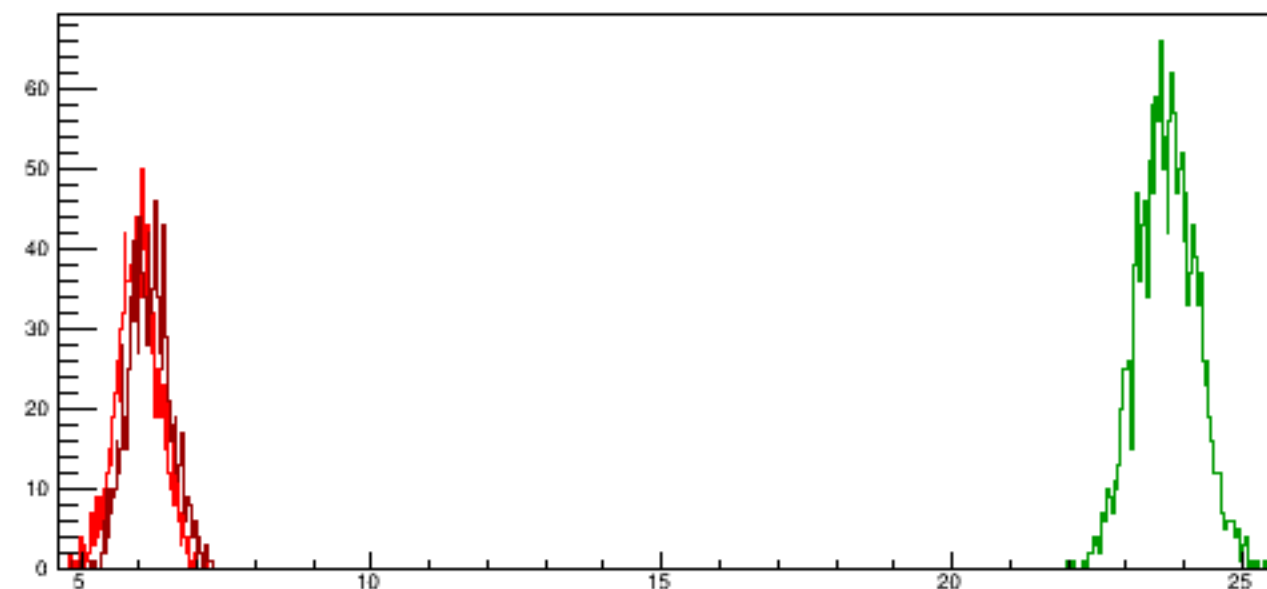
Std Dev: 0.5049 +/- 0.0084

Entries: 1255

Mean: 6.1668 +/- 0.0102

Std Dev: 0.3604 +/- 0.0072

Run 6173 quartetwise, Sums



Cycle 29, Asyms

Entries: 1250

Mean: 0.0006 +/- 0.0006

Std Dev: 0.0195 +/- 0.0004

Entries: 1804

Mean: -0.0320 +/- 0.0006

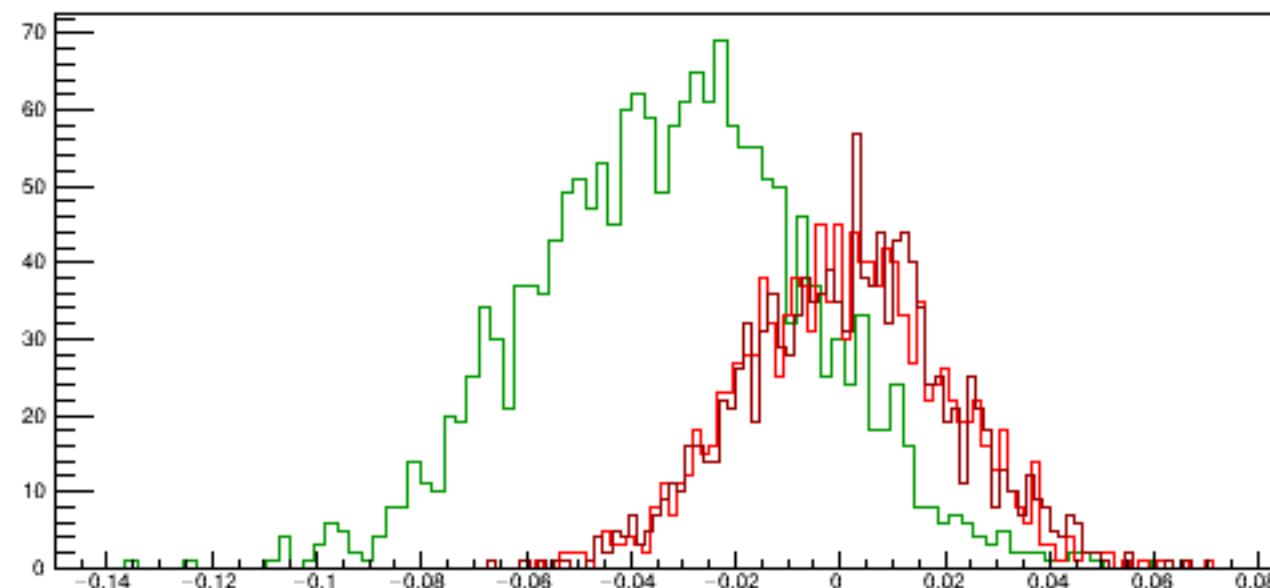
Std Dev: 0.0264 +/- 0.0004

Entries: 1255

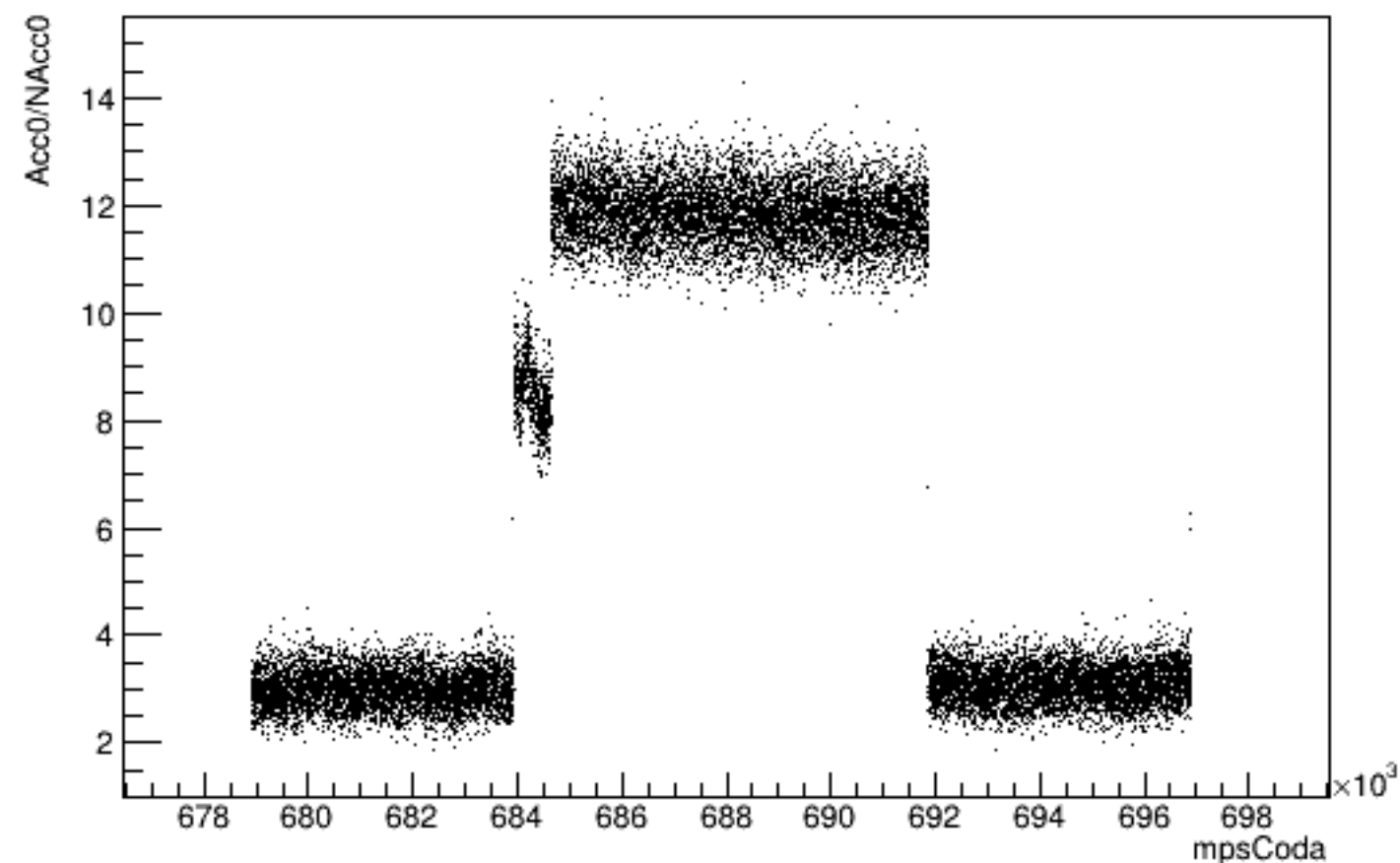
Mean: 0.0014 +/- 0.0006

Std Dev: 0.0197 +/- 0.0004

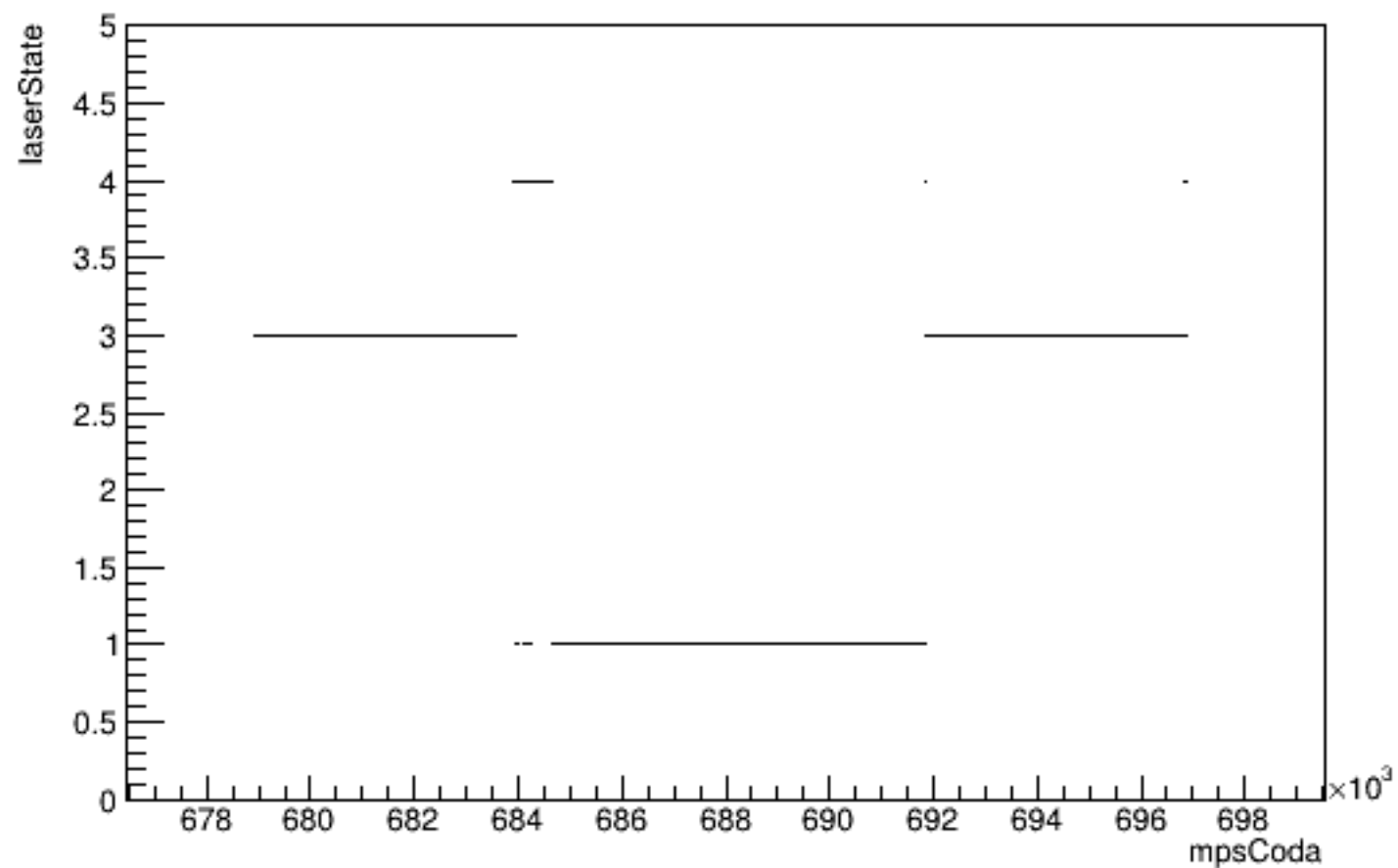
Run 6173 quartetwise, Asyms



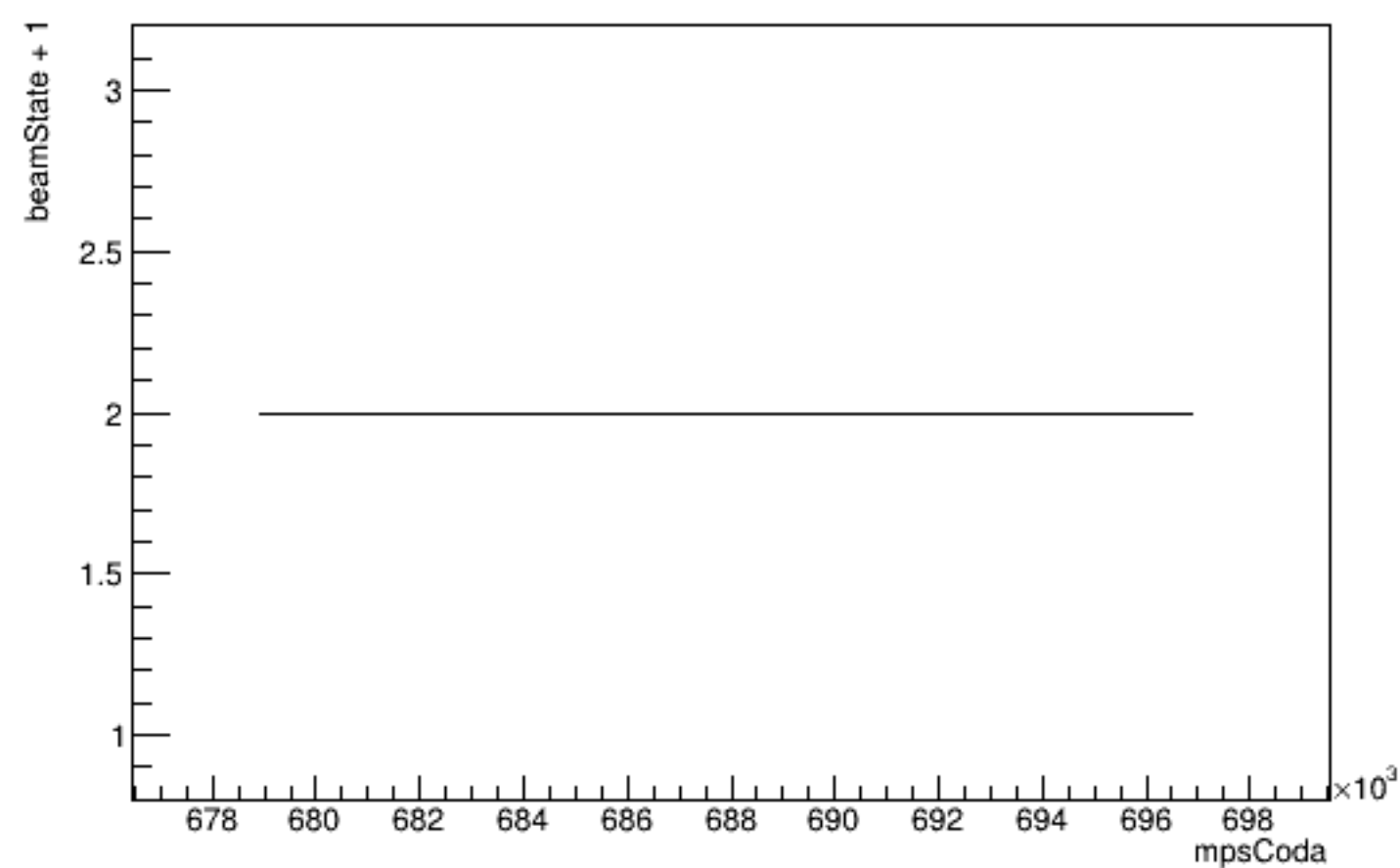
Acc0/NAcc0:mpsCoda (mpsCoda>=678921 && mpsCoda<=696892 && beamState==1)



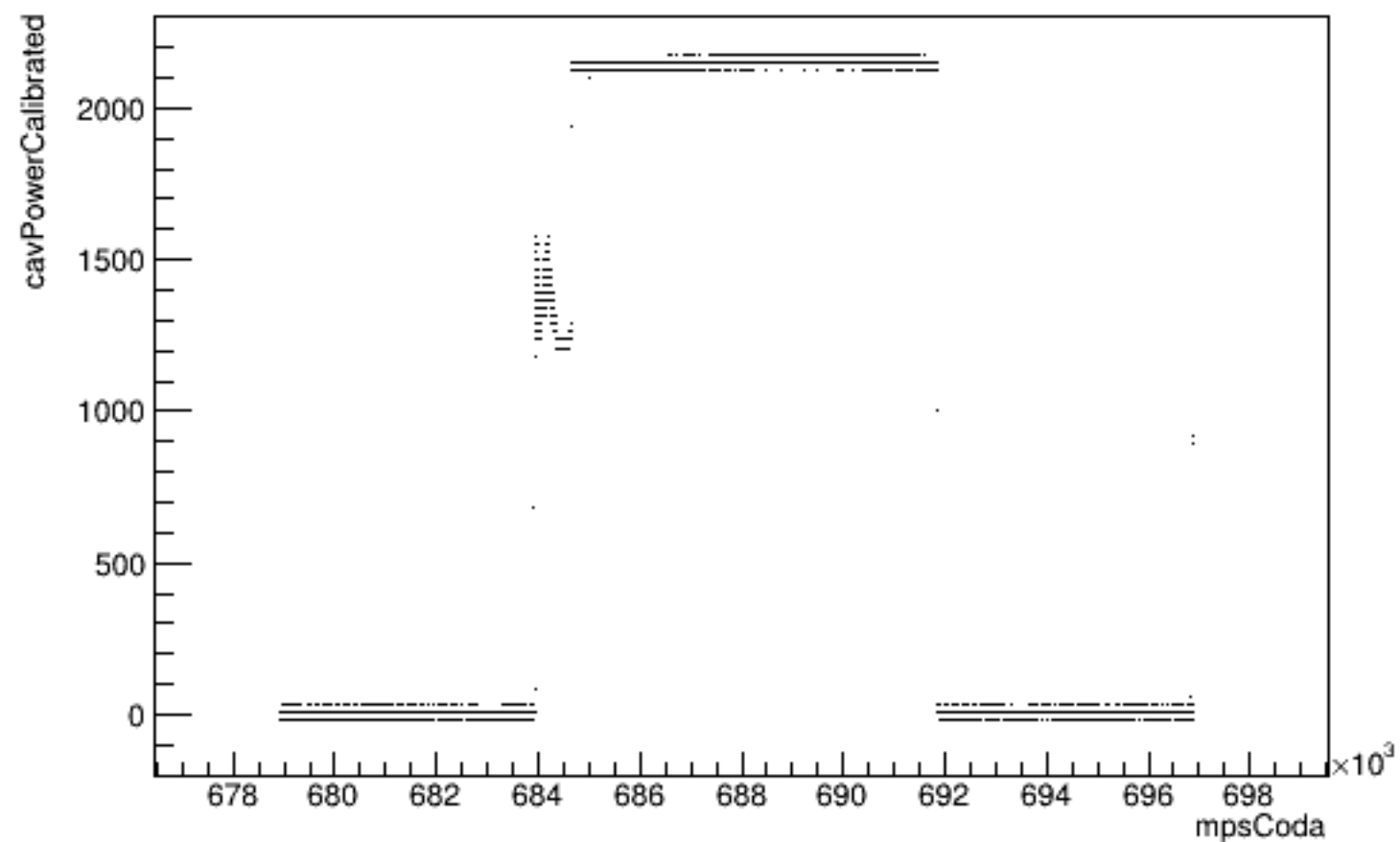
laserState:mpsCoda {mpsCoda>=678921 && mpsCoda<=696892}



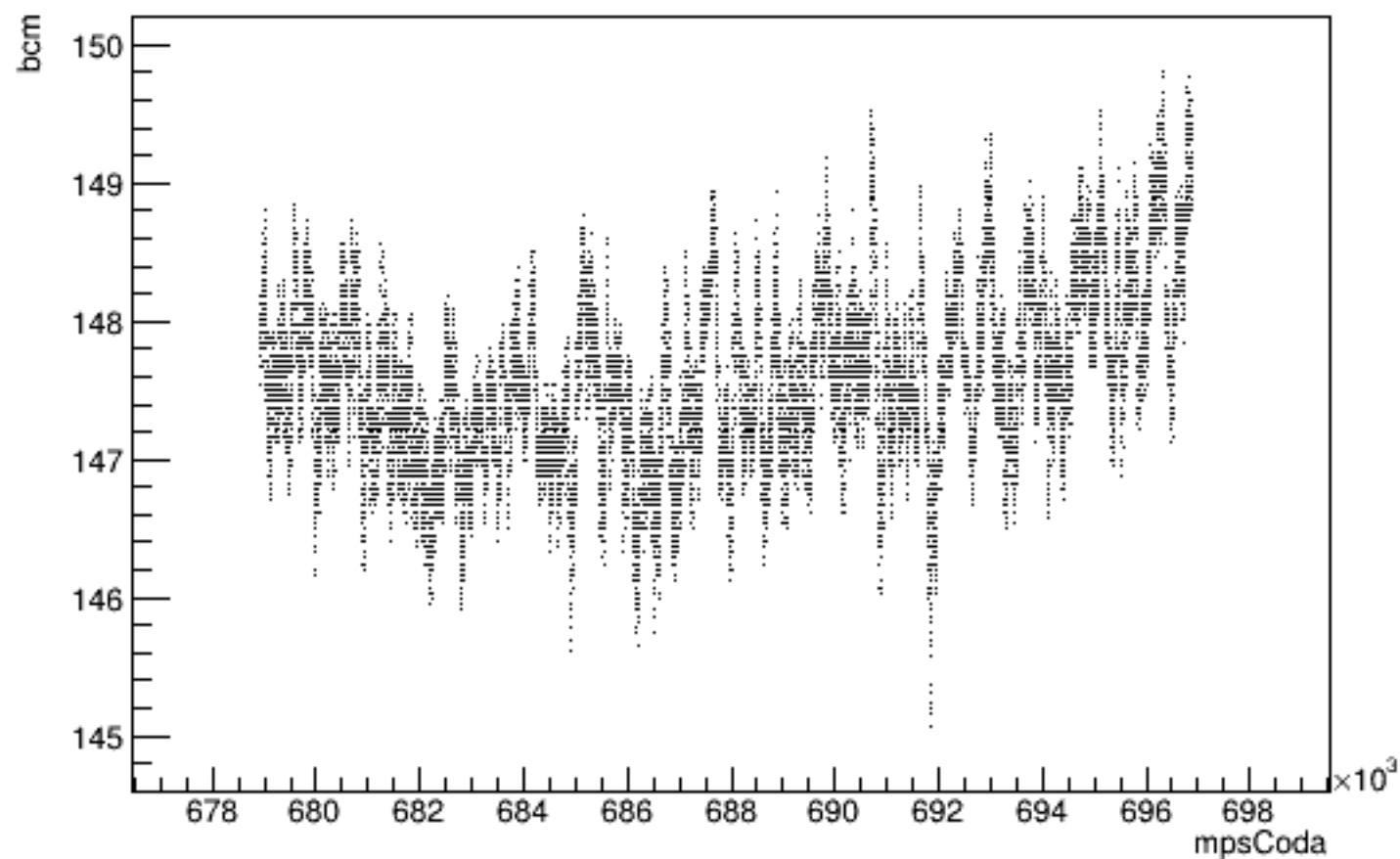
beamState + 1:mpsCoda {mpsCoda>=678921 && mpsCoda<=696892}



cavPowerCalibrated:mpsCoda {mpsCoda>=678921 && mpsCoda<=696892}



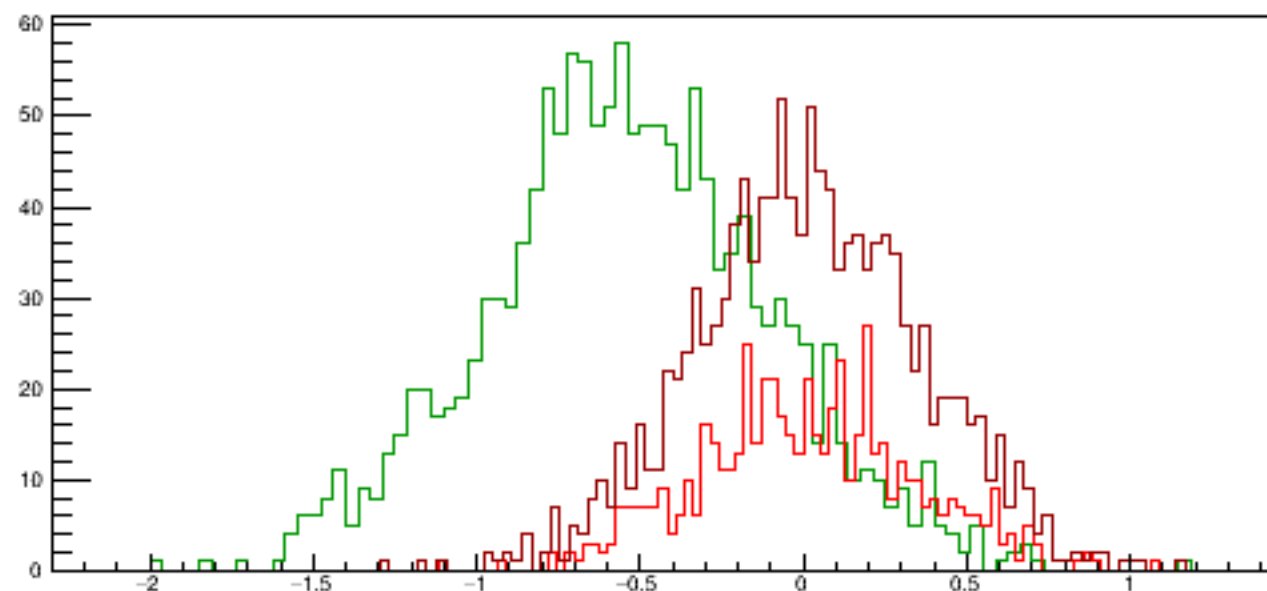
bcm:mpsCoda {mpsCoda>=678921 && mpsCoda<=696892}



Cycle 30, Diffs

Entries: 571	Entries: 1462	Entries: 1267
Mean: 0.0122 +/- 0.0138	Mean: -0.5344 +/- 0.0113	Mean: 0.0158 +/- 0.0097
Std Dev: 0.3304 +/- 0.0098	Std Dev: 0.4310 +/- 0.0080	Std Dev: 0.3467 +/- 0.0069

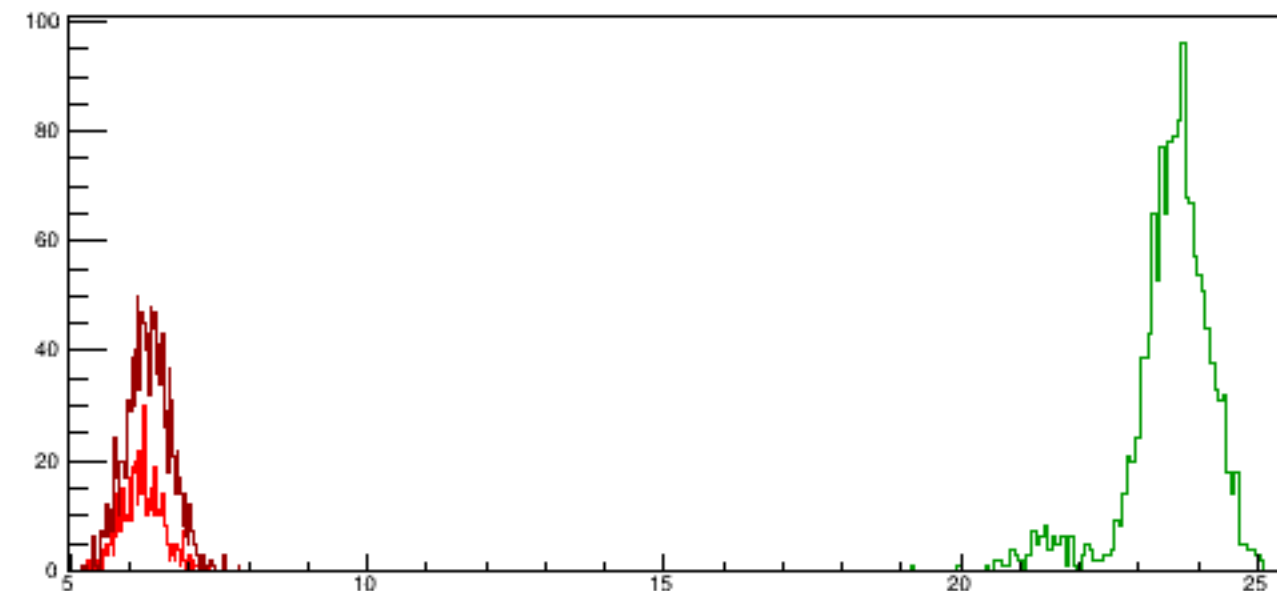
Run 6173 quartetwise, Diffs



Cycle 30, Sums

Entries: 571	Entries: 1462	Entries: 1267
Mean: 6.2003 +/- 0.0145	Mean: 23.5447 +/- 0.0190	Mean: 6.3096 +/- 0.0104
Std Dev: 0.3459 +/- 0.0102	Std Dev: 0.7261 +/- 0.0134	Std Dev: 0.3706 +/- 0.0074

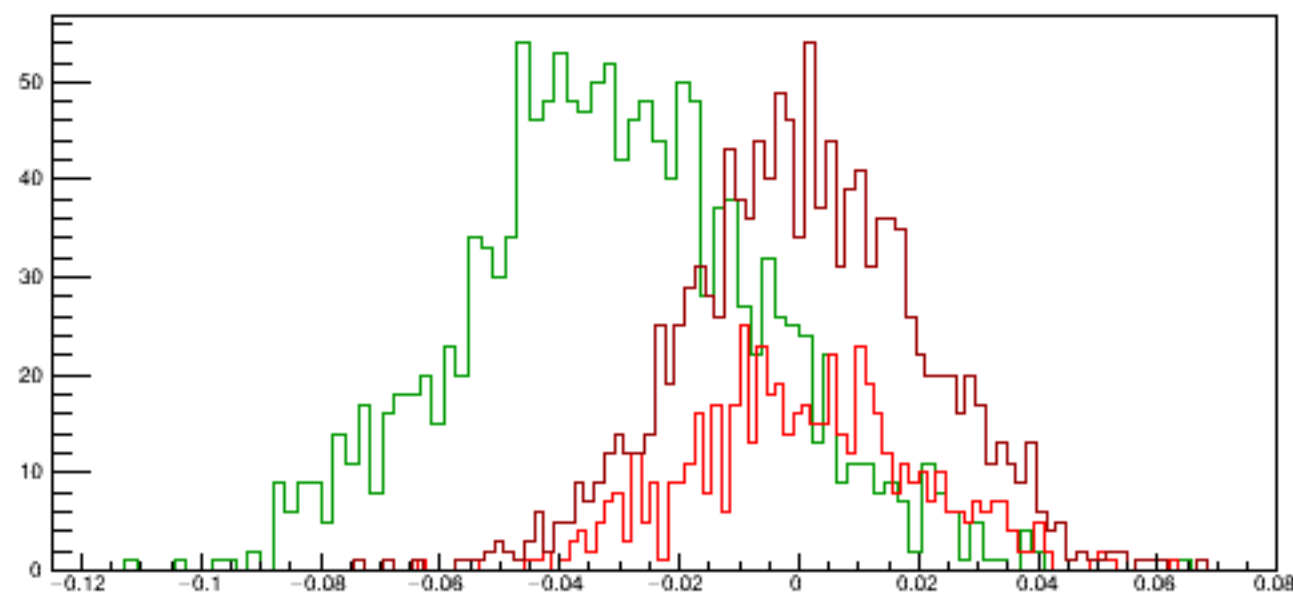
Run 6173 quartetwise, Sums



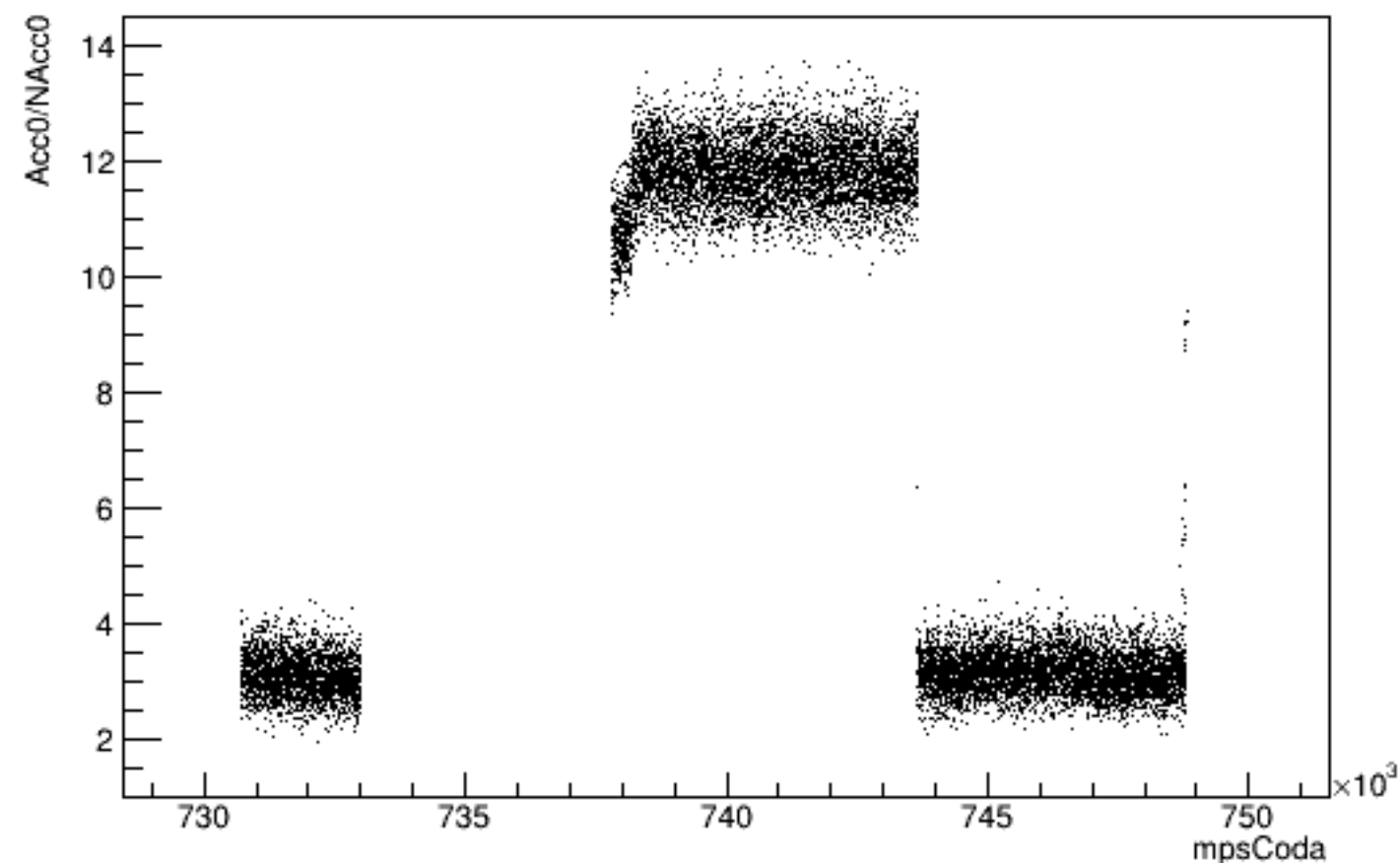
Cycle 30, Asyms

Entries: 571	Entries: 1462	Entries: 1267
Mean: 0.0007 +/- 0.0008	Mean: -0.0309 +/- 0.0007	Mean: 0.0009 +/- 0.0006
Std Dev: 0.0191 +/- 0.0006	Std Dev: 0.0249 +/- 0.0005	Std Dev: 0.0201 +/- 0.0004

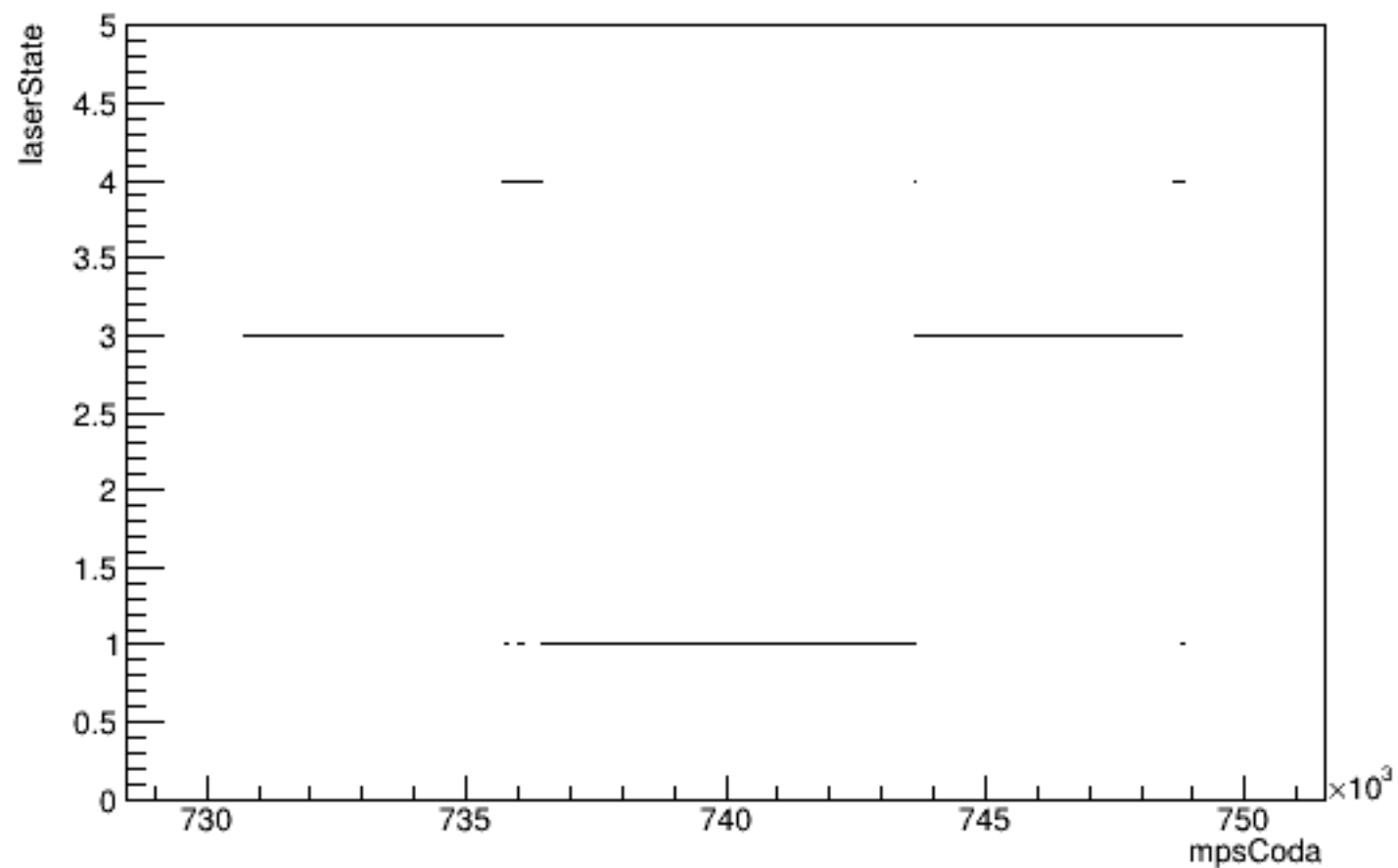
Run 6173 quartetwise, Asyms



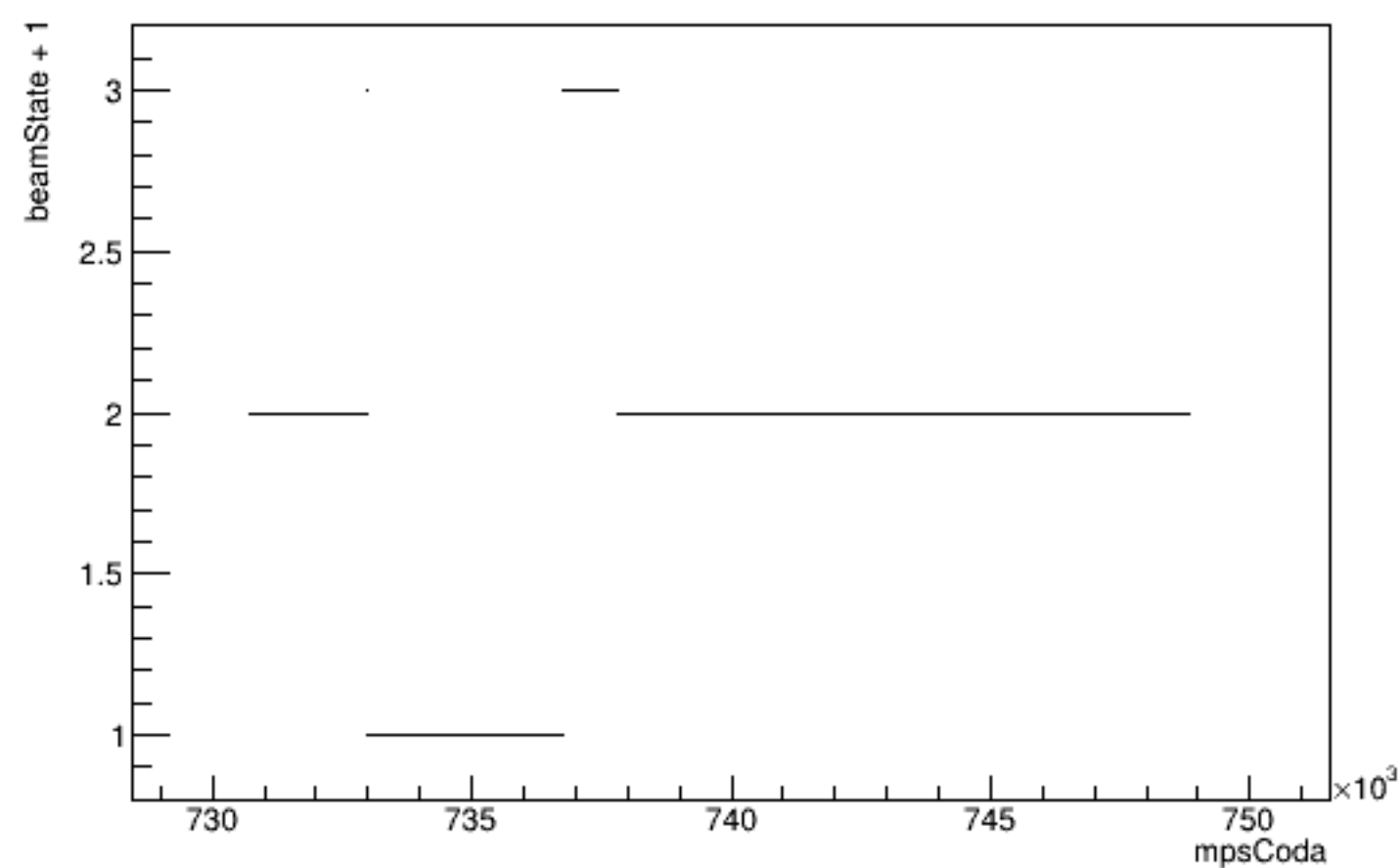
Acc0/NAcc0:mpsCoda (mpsCoda>=730713 && mpsCoda<=748804 && beamState==1)



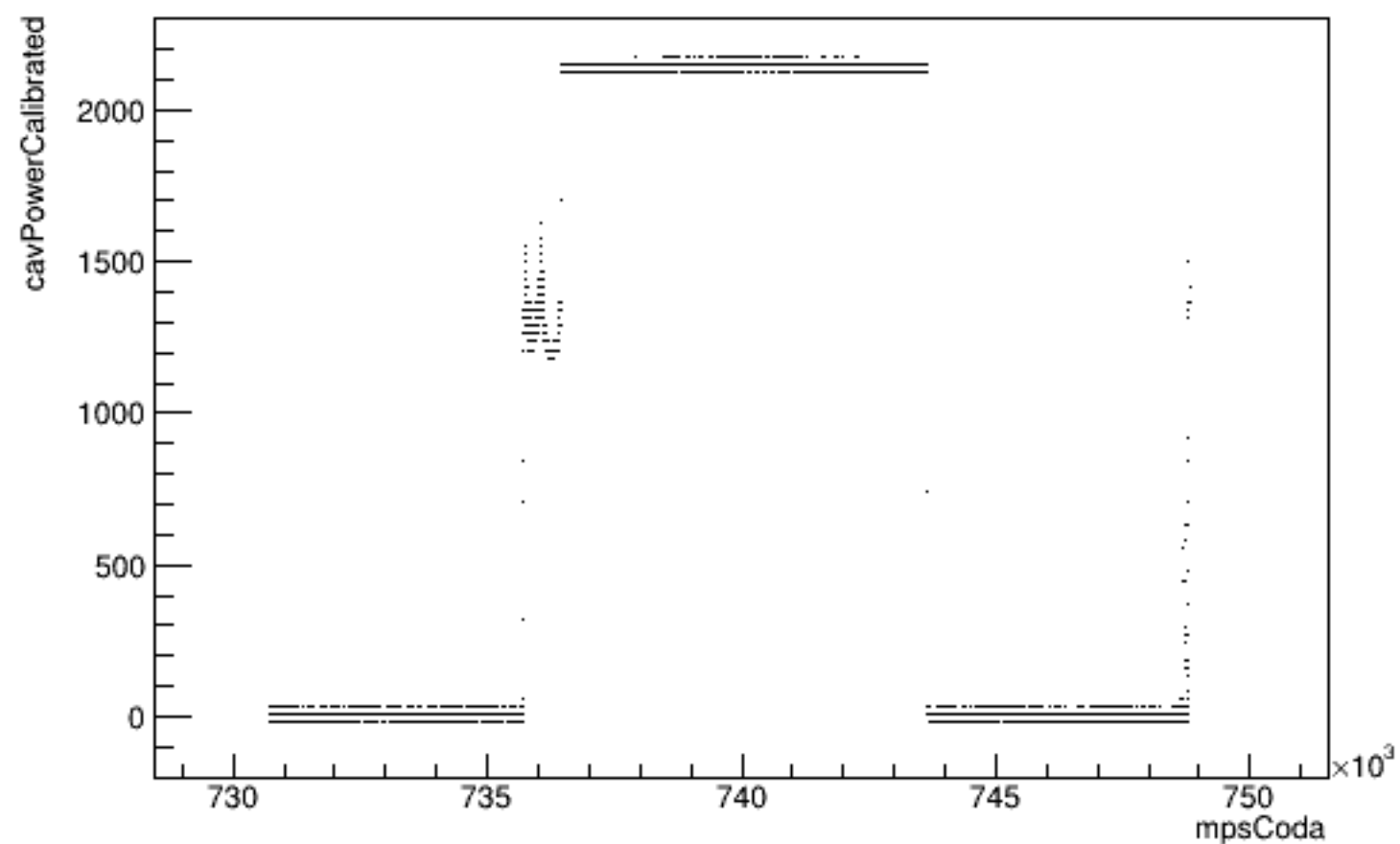
laserState:mpsCoda {mpsCoda>=730713 && mpsCoda<=748804}



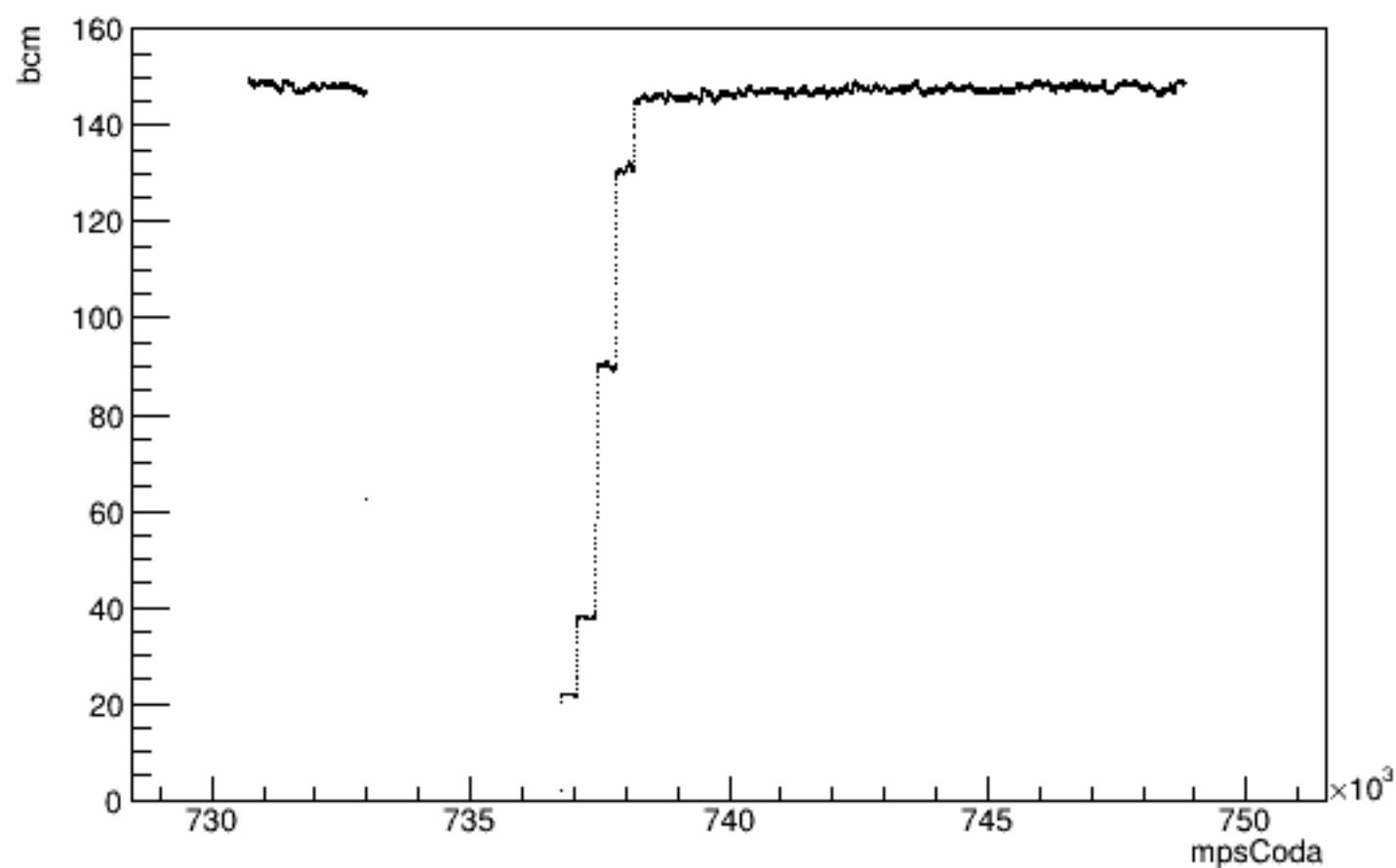
beamState + 1:mpsCoda {mpsCoda>=730713 && mpsCoda<=748804}



cavPowerCalibrated:mpsCoda {mpsCoda>=730713 && mpsCoda<=748804}



bcm:mpsCoda {mpsCoda>=730713 && mpsCoda<=748804}



Cycle 31, Diffs

Entries: 1267

Mean: 0.0158 +/- 0.0097

Std Dev: 0.3467 +/- 0.0069

Entries: 1805

Mean: -0.5349 +/- 0.0107

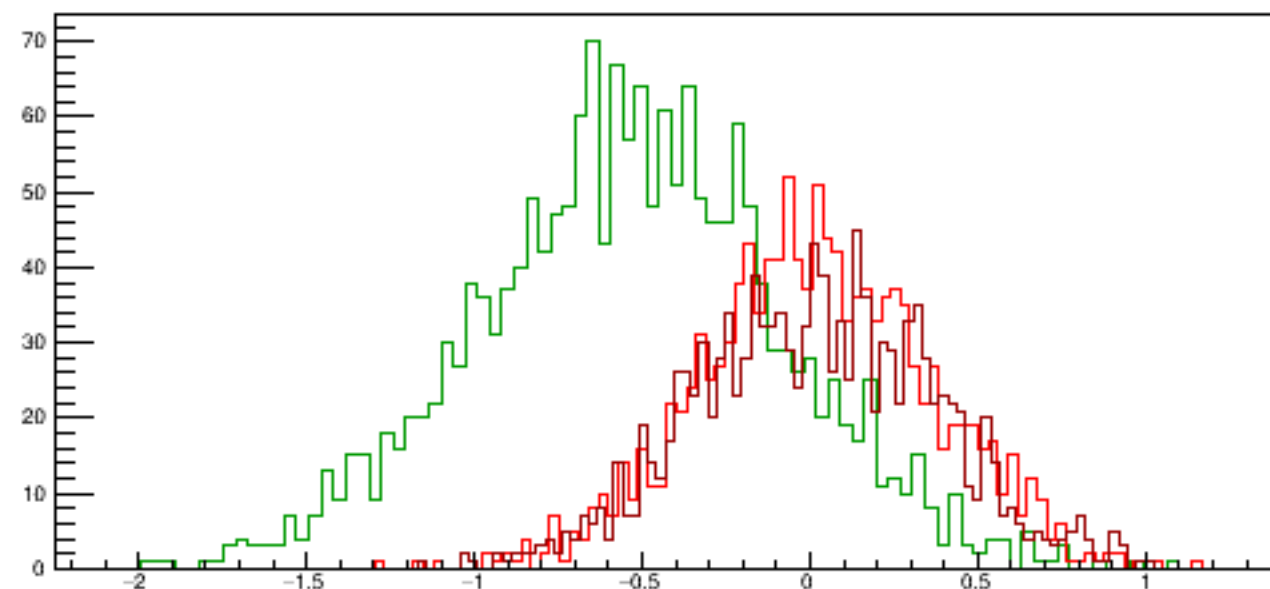
Std Dev: 0.4562 +/- 0.0076

Entries: 1262

Mean: 0.0125 +/- 0.0101

Std Dev: 0.3581 +/- 0.0071

Run 6173 quartetwise, Diffs



Cycle 31, Sums

Entries: 1267

Mean: 6.3096 +/- 0.0104

Std Dev: 0.3706 +/- 0.0074

Entries: 1805

Mean: 23.6246 +/- 0.0115

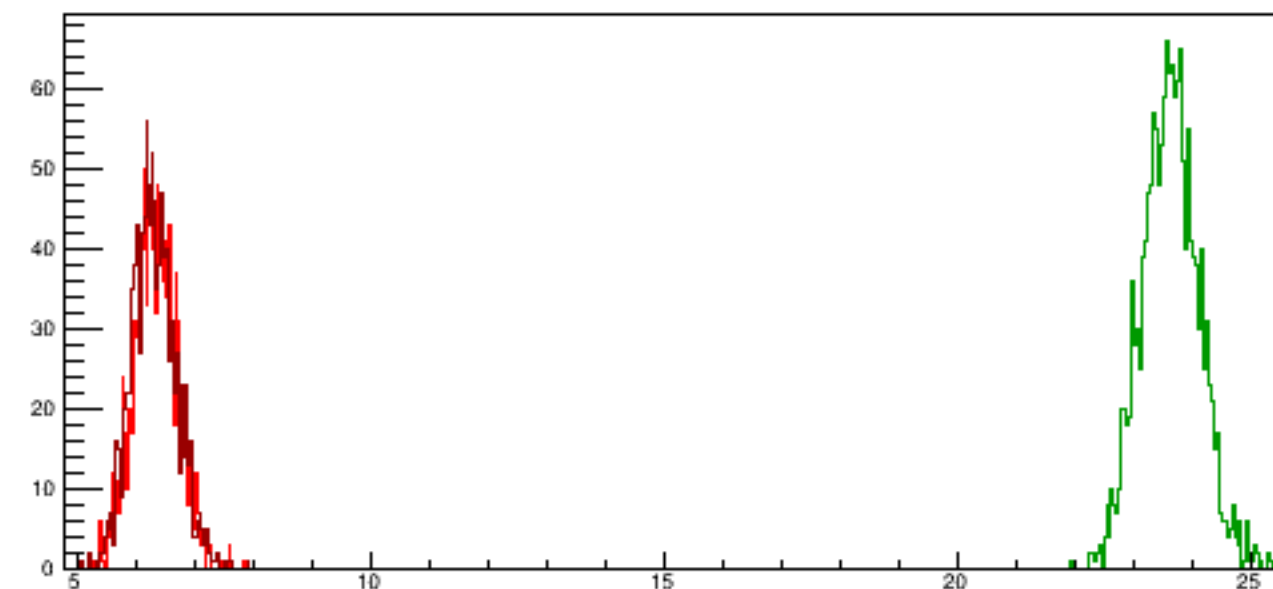
Std Dev: 0.4877 +/- 0.0081

Entries: 1262

Mean: 6.2863 +/- 0.0106

Std Dev: 0.3776 +/- 0.0075

Run 6173 quartetwise, Sums



Cycle 31, Asyms

Entries: 1267

Mean: 0.0009 +/- 0.0006

Std Dev: 0.0200 +/- 0.0004

Entries: 1805

Mean: -0.0309 +/- 0.0006

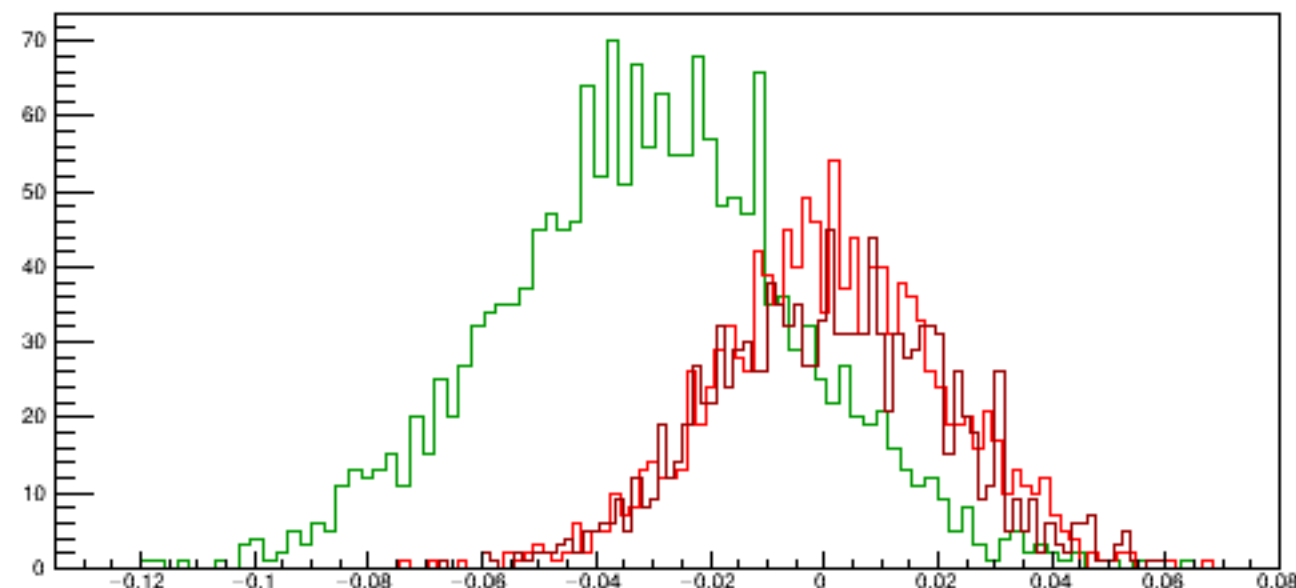
Std Dev: 0.0264 +/- 0.0004

Entries: 1262

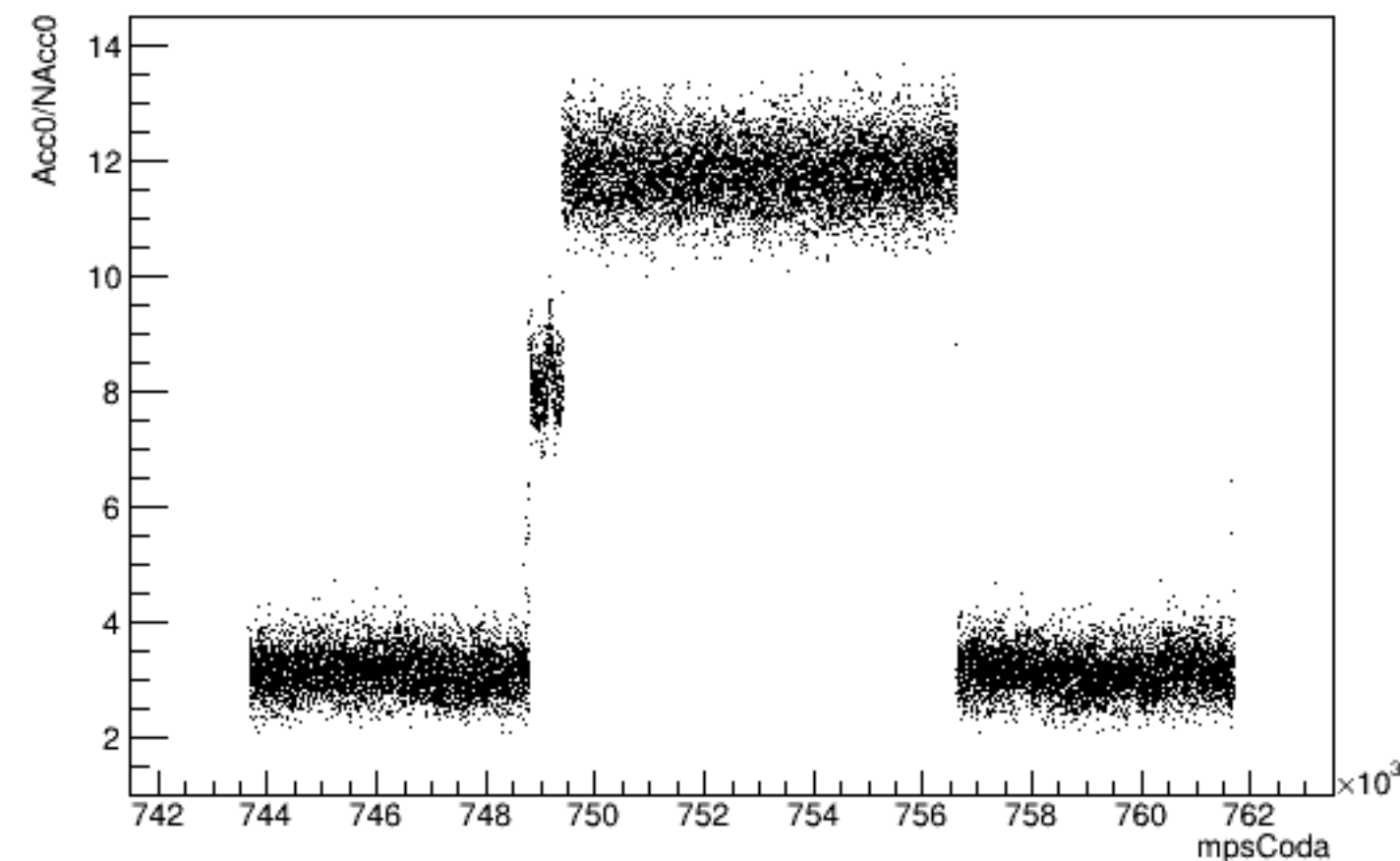
Mean: 0.0007 +/- 0.0006

Std Dev: 0.0207 +/- 0.0004

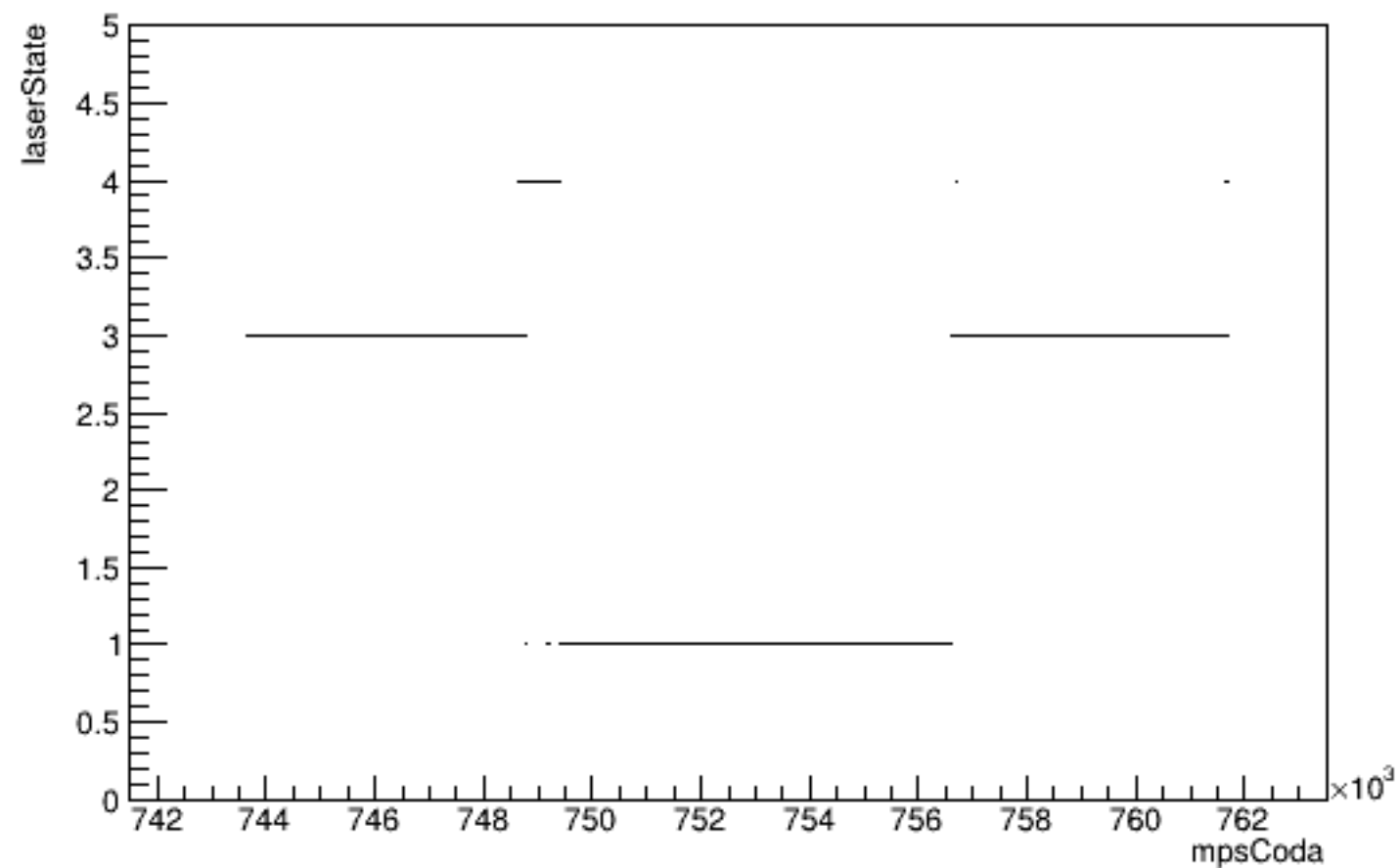
Run 6173 quartetwise, Asyms



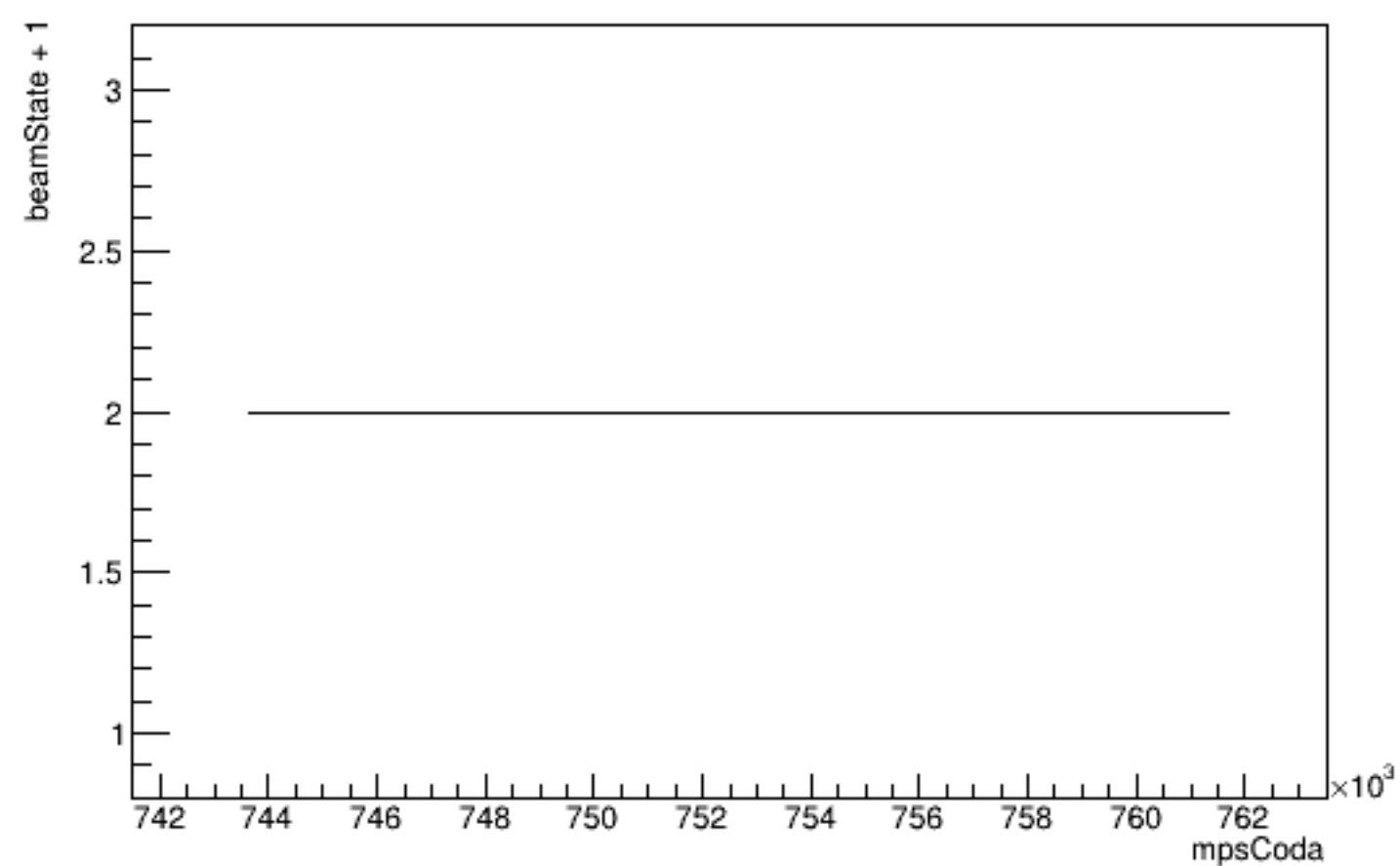
Acc0/NAcc0:mpsCoda (mpsCoda>=743665 && mpsCoda<=761692 && beamState==1)



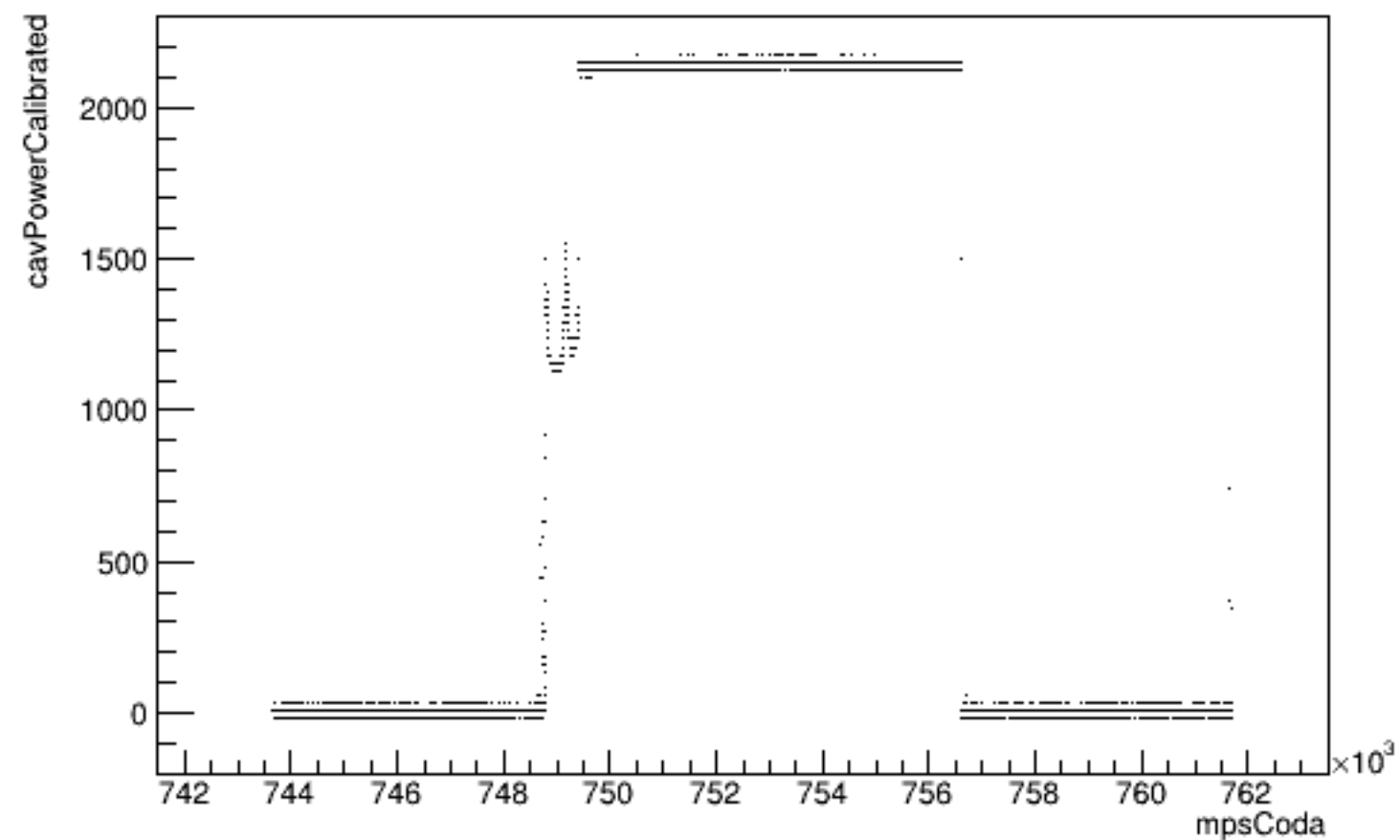
laserState:mpsCoda {mpsCoda>=743665 && mpsCoda<=761692}



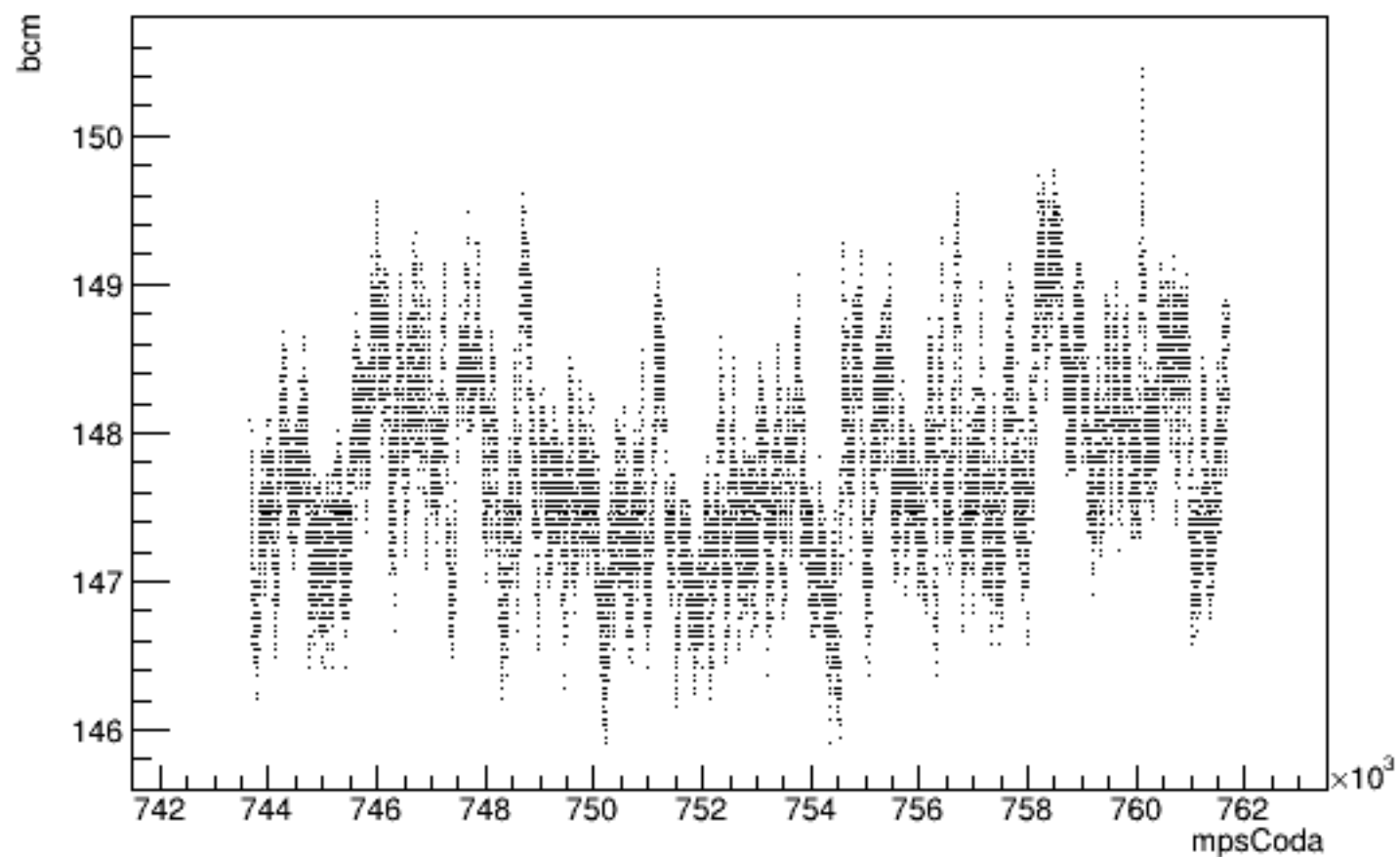
beamState + 1:mpsCoda {mpsCoda>=743665 && mpsCoda<=761692}



cavPowerCalibrated:mpsCoda {mpsCoda>=743665 && mpsCoda<=761692}



bcm:mpsCoda {mpsCoda>=743665 && mpsCoda<=761692}



Cycle 32, Diffs

Entries: 1262

Mean: 0.0125 +/- 0.0101

Std Dev: 0.3581 +/- 0.0071

Entries: 1809

Mean: -0.5297 +/- 0.0108

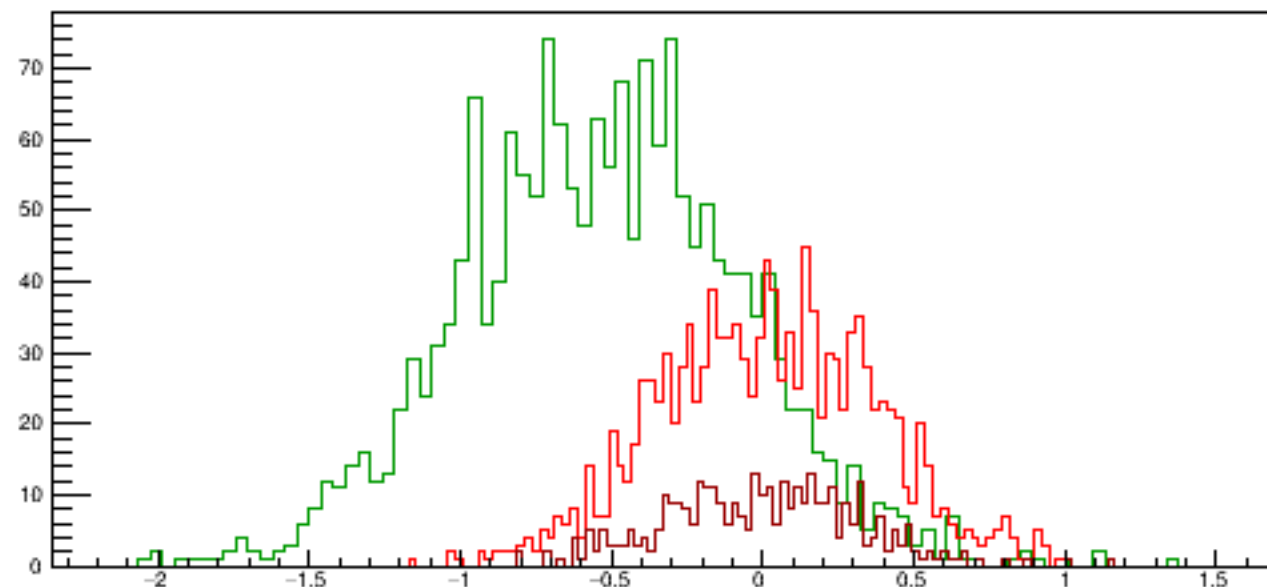
Std Dev: 0.4604 +/- 0.0077

Entries: 362

Mean: -0.0018 +/- 0.0167

Std Dev: 0.3183 +/- 0.0118

Run 6173 quartetwise, Diffs



Cycle 32, Sums

Entries: 1262

Mean: 6.2863 +/- 0.0106

Std Dev: 0.3776 +/- 0.0075

Entries: 1809

Mean: 23.8235 +/- 0.0117

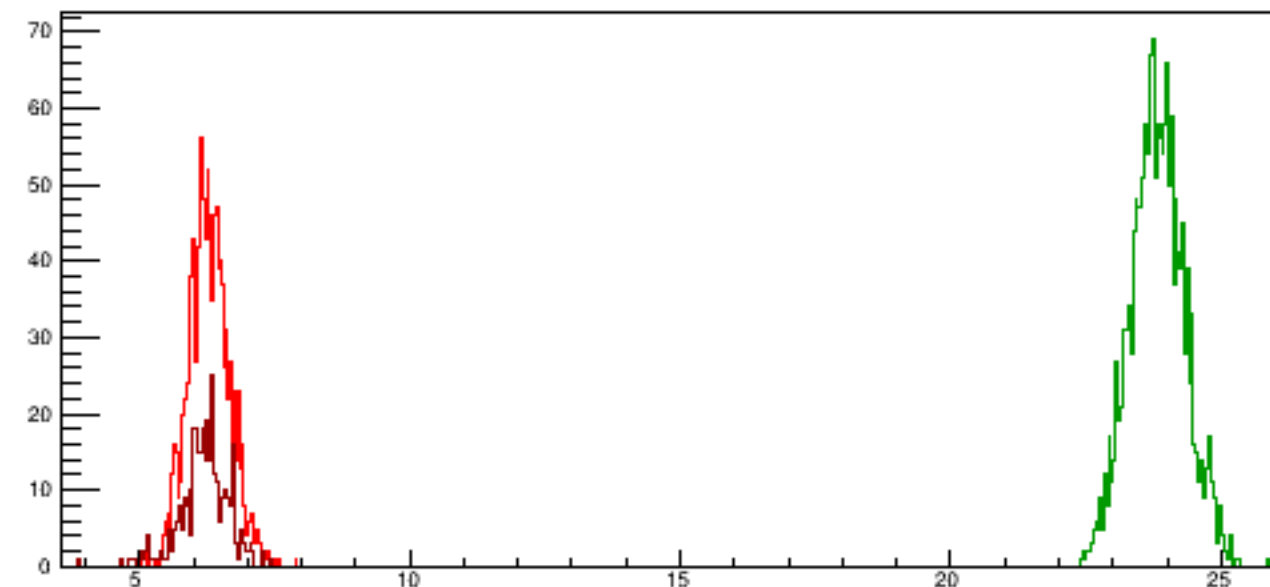
Std Dev: 0.4991 +/- 0.0083

Entries: 362

Mean: 6.1892 +/- 0.0240

Std Dev: 0.4564 +/- 0.0170

Run 6173 quartetwise, Sums



Cycle 32, Asyms

Entries: 1262

Mean: 0.0007 +/- 0.0006

Std Dev: 0.0204 +/- 0.0004

Entries: 1809

Mean: -0.0301 +/- 0.0006

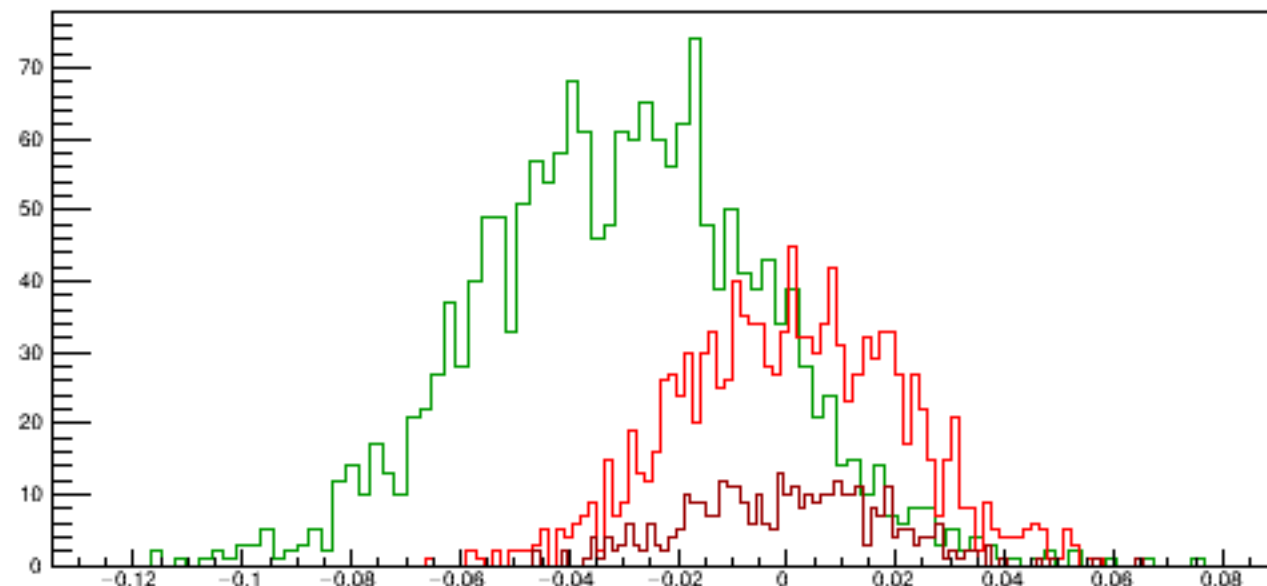
Std Dev: 0.0262 +/- 0.0004

Entries: 362

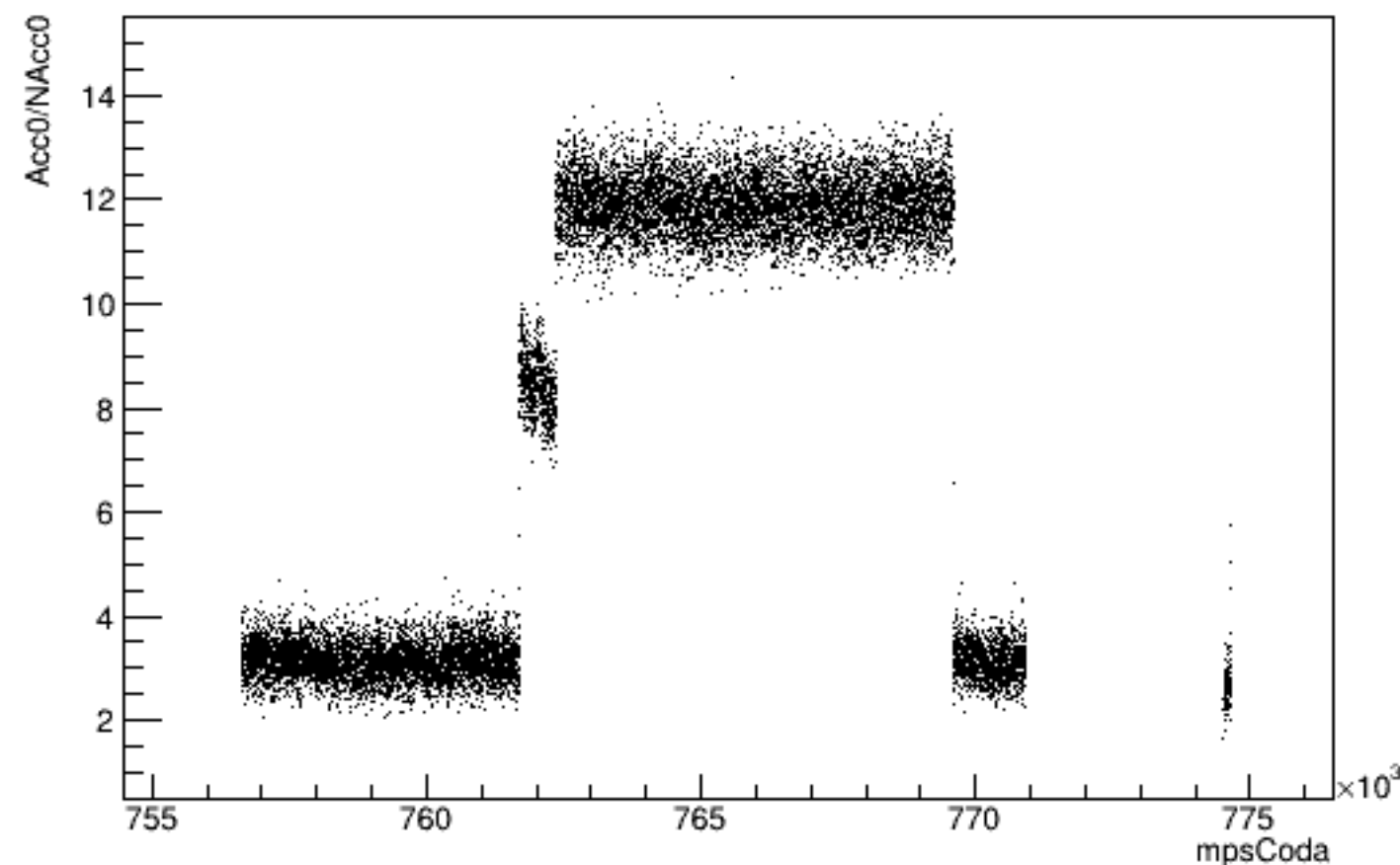
Mean: -0.0001 +/- 0.0010

Std Dev: 0.0181 +/- 0.0007

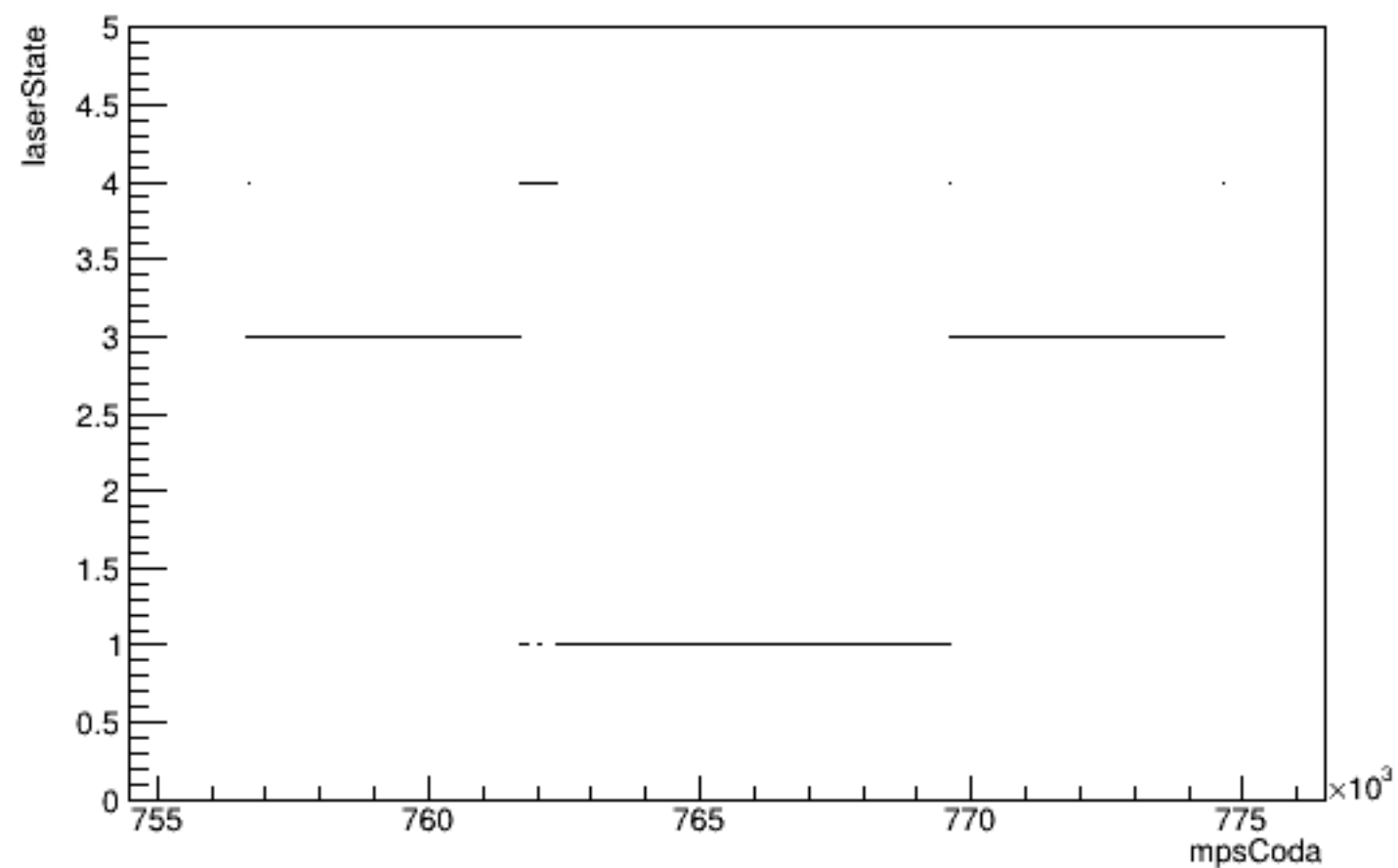
Run 6173 quartetwise, Asyms



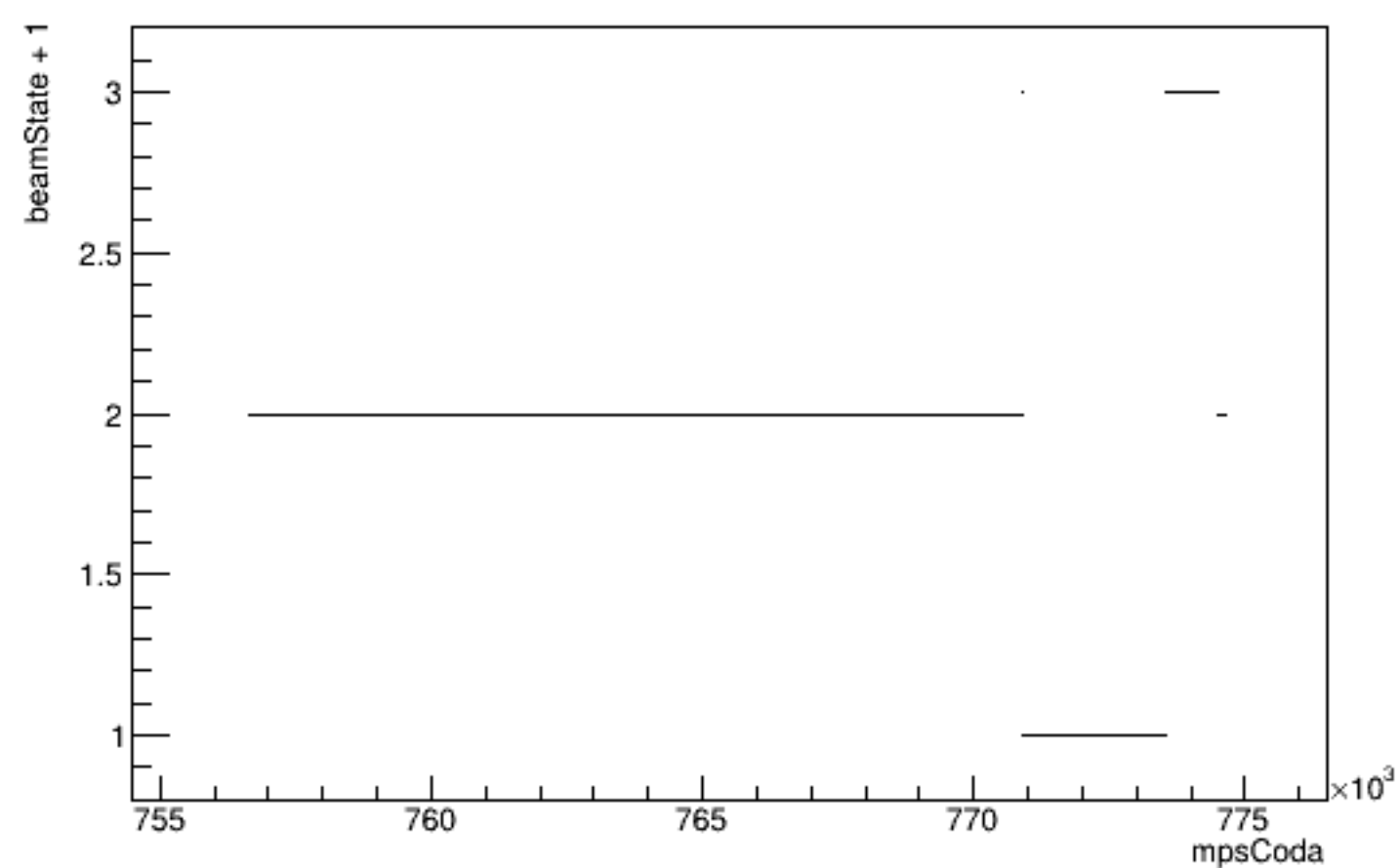
Acc0/NAcc0:mpsCoda (mpsCoda>=756629 && mpsCoda<=774656 && beamState==1)



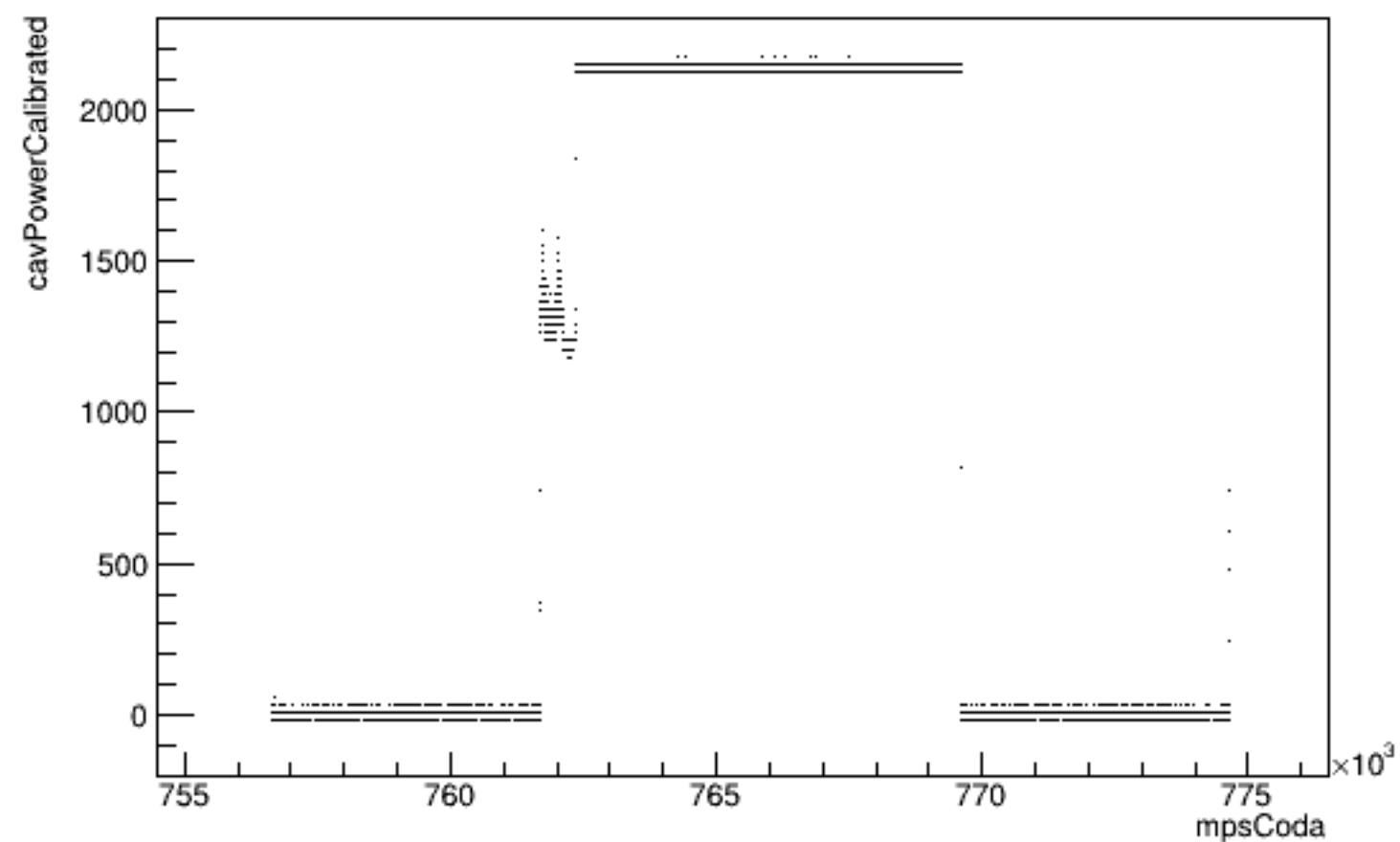
laserState:mpsCoda {mpsCoda>=756629 && mpsCoda<=774656}



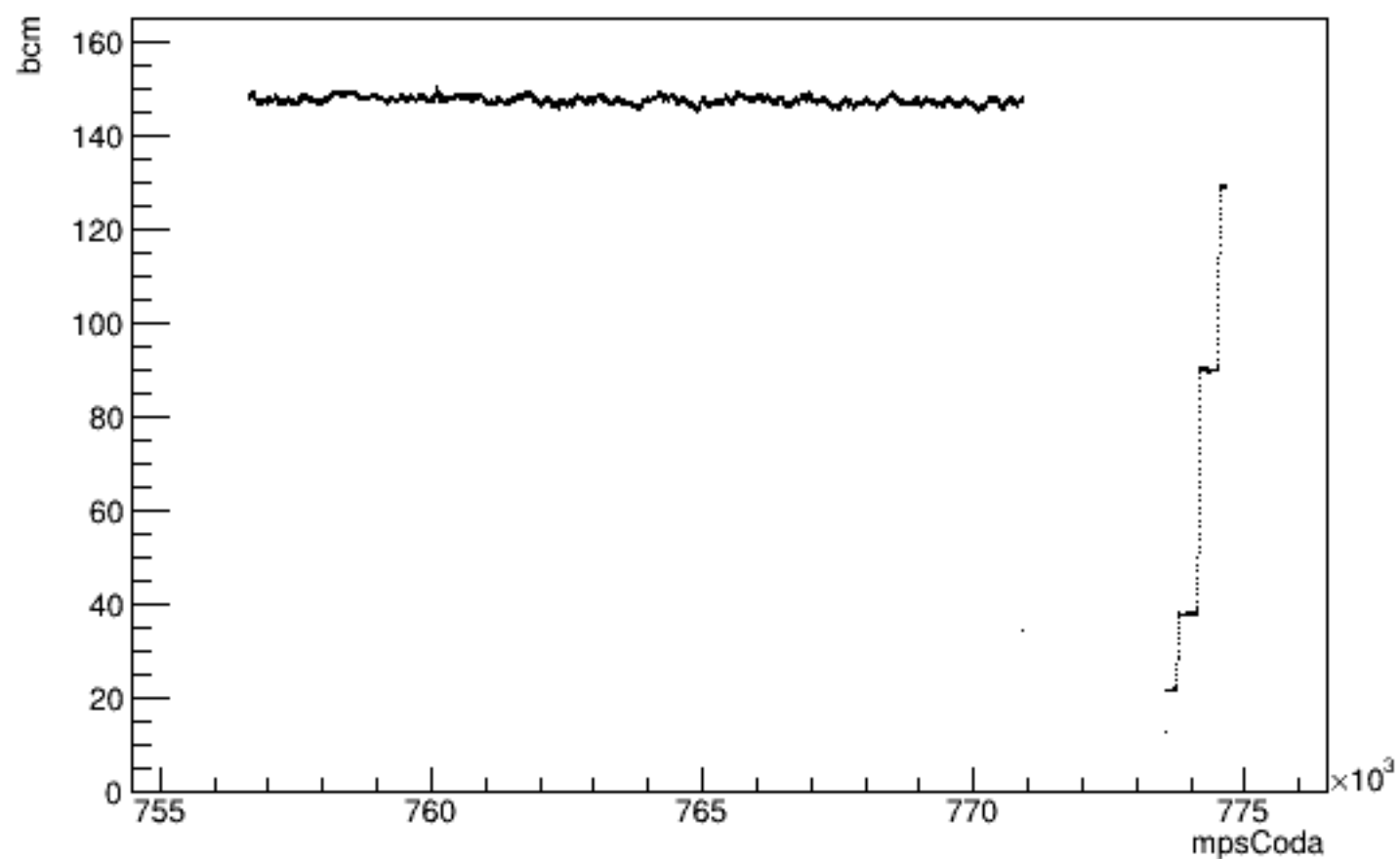
beamState + 1:mpsCoda {mpsCoda>=756629 && mpsCoda<=774656}



cavPowerCalibrated:mpsCoda {mpsCoda>=756629 && mpsCoda<=774656}



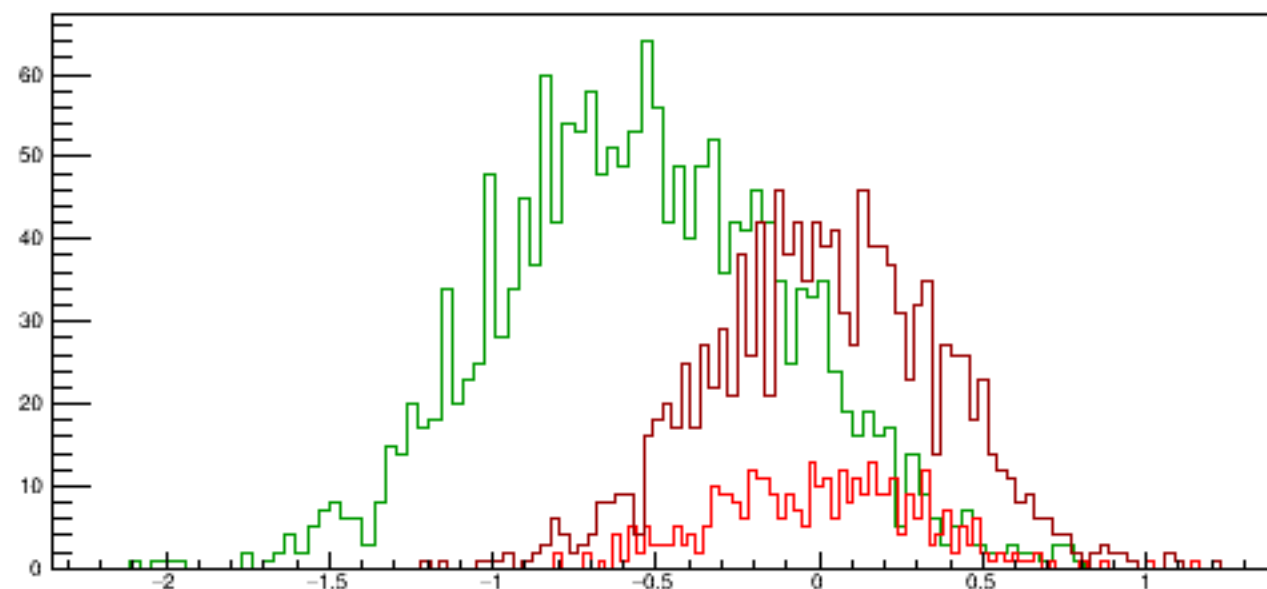
bcm:mpsCoda {mpsCoda>=756629 && mpsCoda<=774656}



Cycle 33, Diffs

Entries: 362	Entries: 1807	Entries: 1256
Mean: -0.0018 +/- 0.0167	Mean: -0.5406 +/- 0.0105	Mean: 0.0143 +/- 0.0101
Std Dev: 0.3183 +/- 0.0118	Std Dev: 0.4477 +/- 0.0074	Std Dev: 0.3572 +/- 0.0071

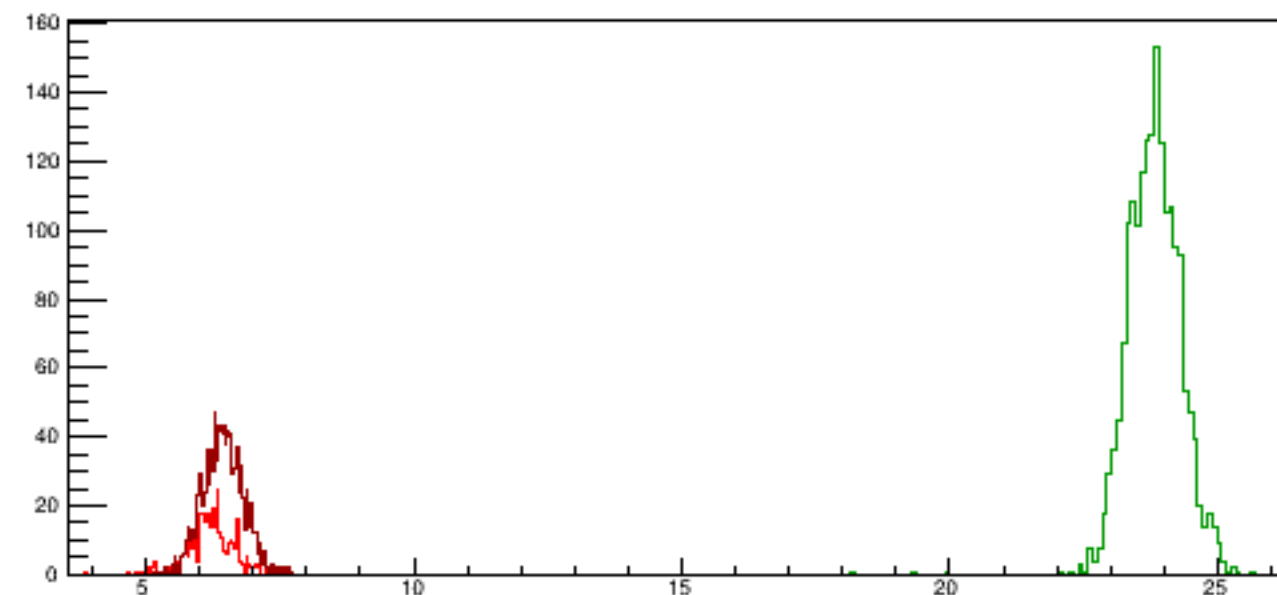
Run 6173 quartetwise, Diffs



Cycle 33, Sums

Entries: 362	Entries: 1807	Entries: 1256
Mean: 6.1892 +/- 0.0240	Mean: 23.8113 +/- 0.0120	Mean: 6.4313 +/- 0.0108
Std Dev: 0.4564 +/- 0.0170	Std Dev: 0.5108 +/- 0.0085	Std Dev: 0.3844 +/- 0.0077

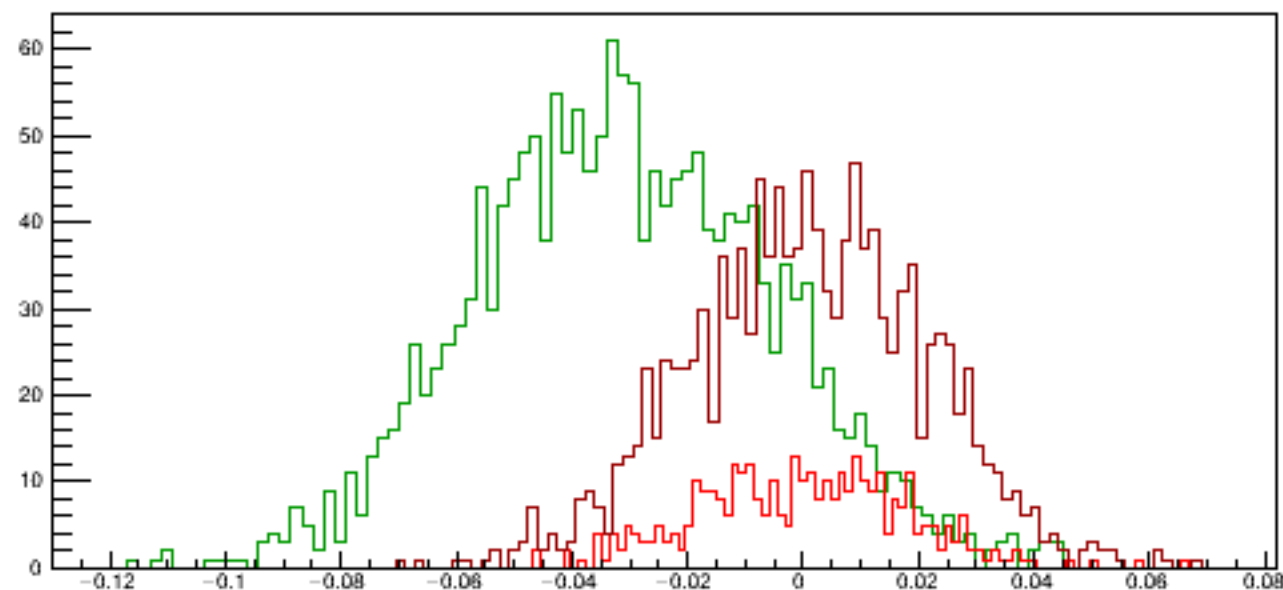
Run 6173 quartetwise, Sums



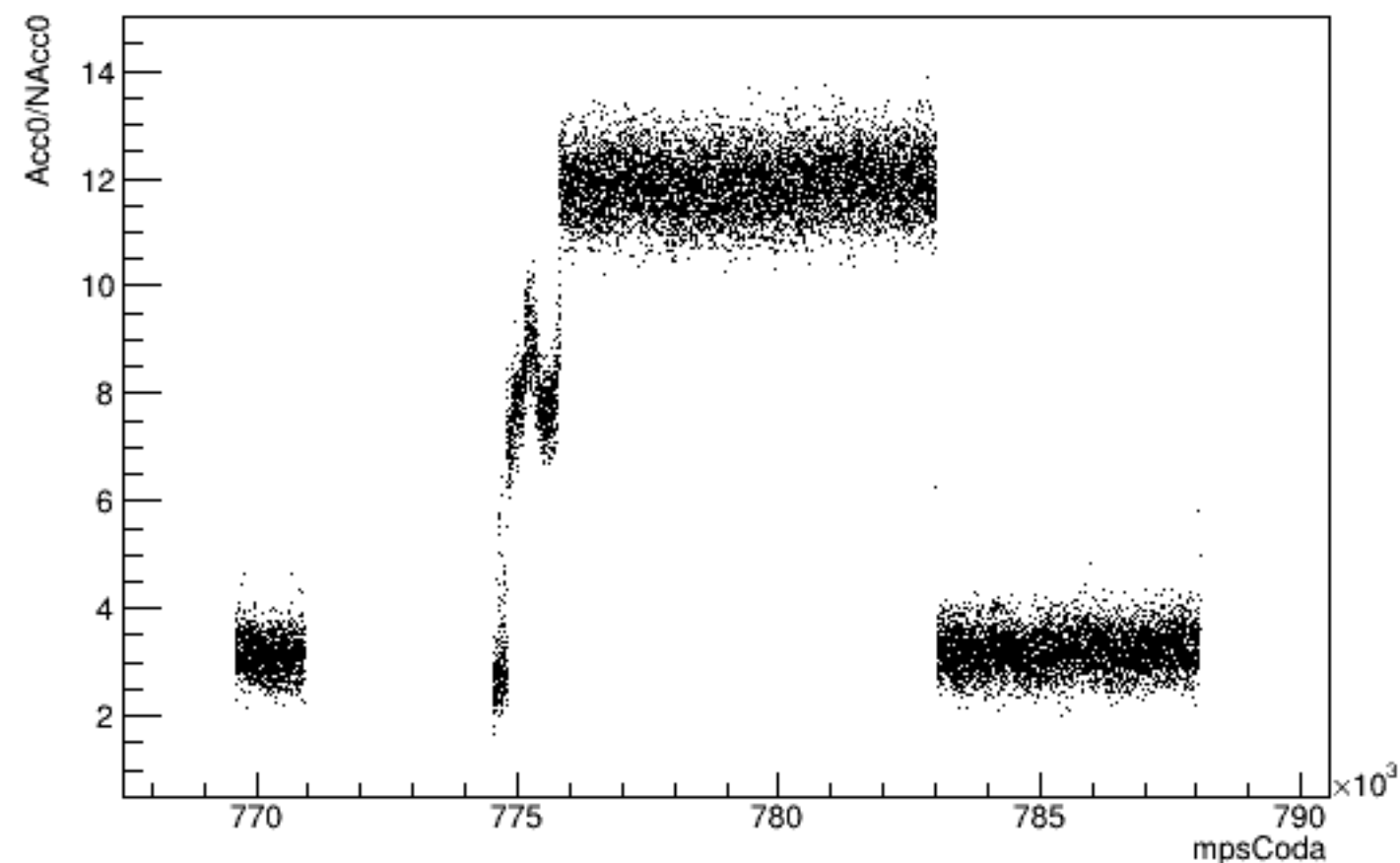
Cycle 33, Asyms

Entries: 362	Entries: 1807	Entries: 1256
Mean: -0.0001 +/- 0.0010	Mean: -0.0309 +/- 0.0006	Mean: 0.0008 +/- 0.0006
Std Dev: 0.0182 +/- 0.0007	Std Dev: 0.0256 +/- 0.0004	Std Dev: 0.0204 +/- 0.0004

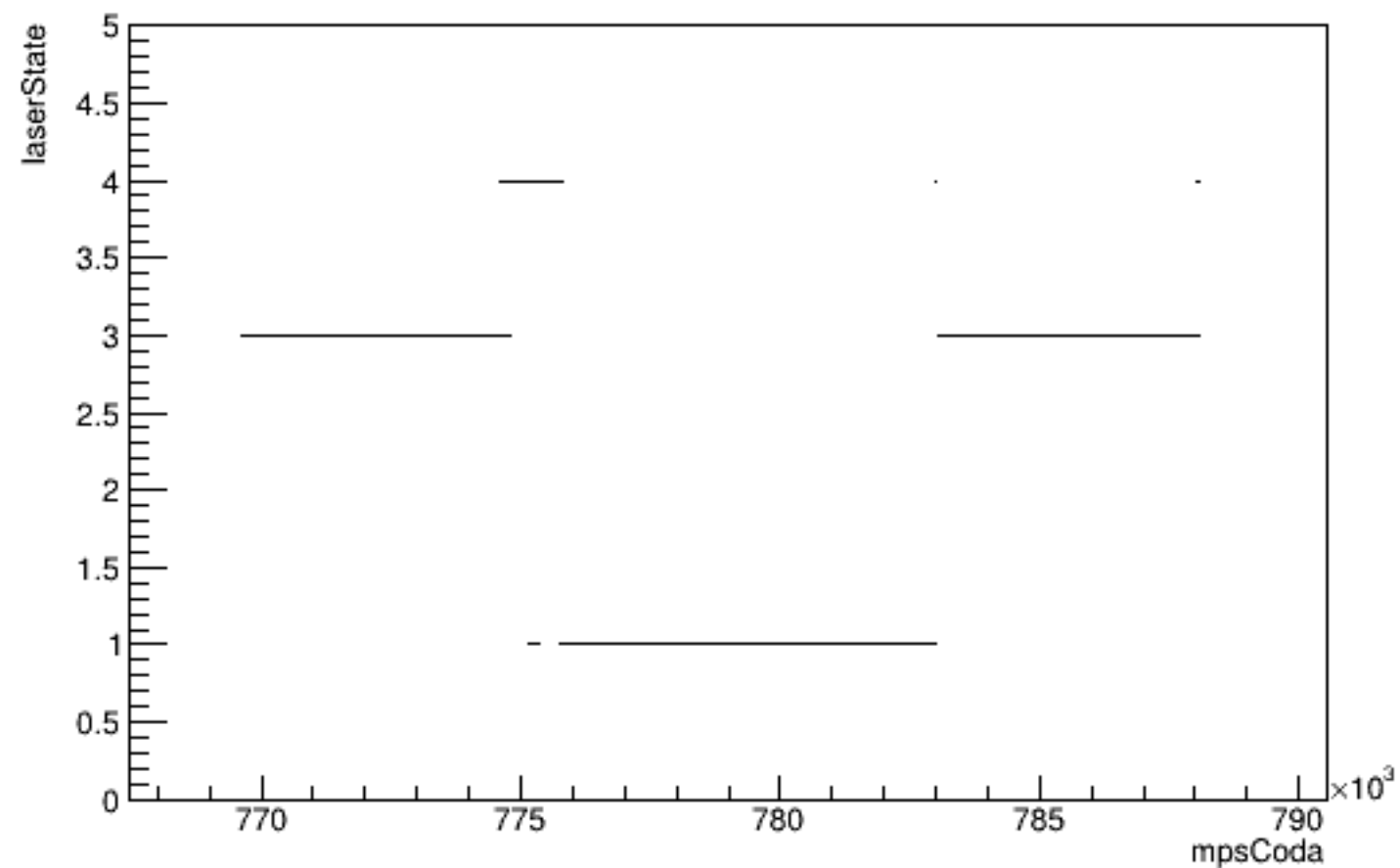
Run 6173 quartetwise, Asyms



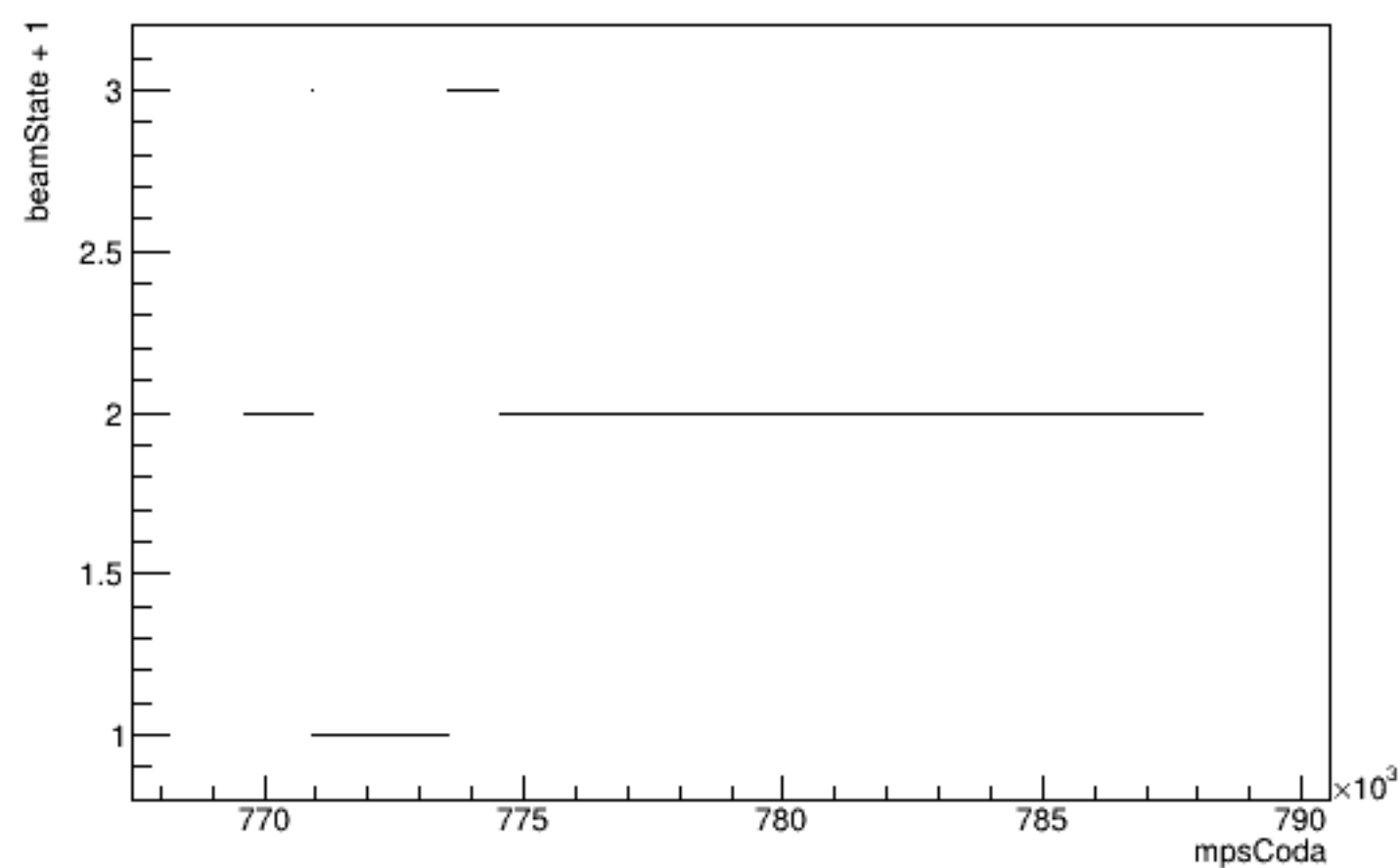
Acc0/NAcc0:mpsCoda (mpsCoda>=769597 && mpsCoda<=788056 && beamState==1)



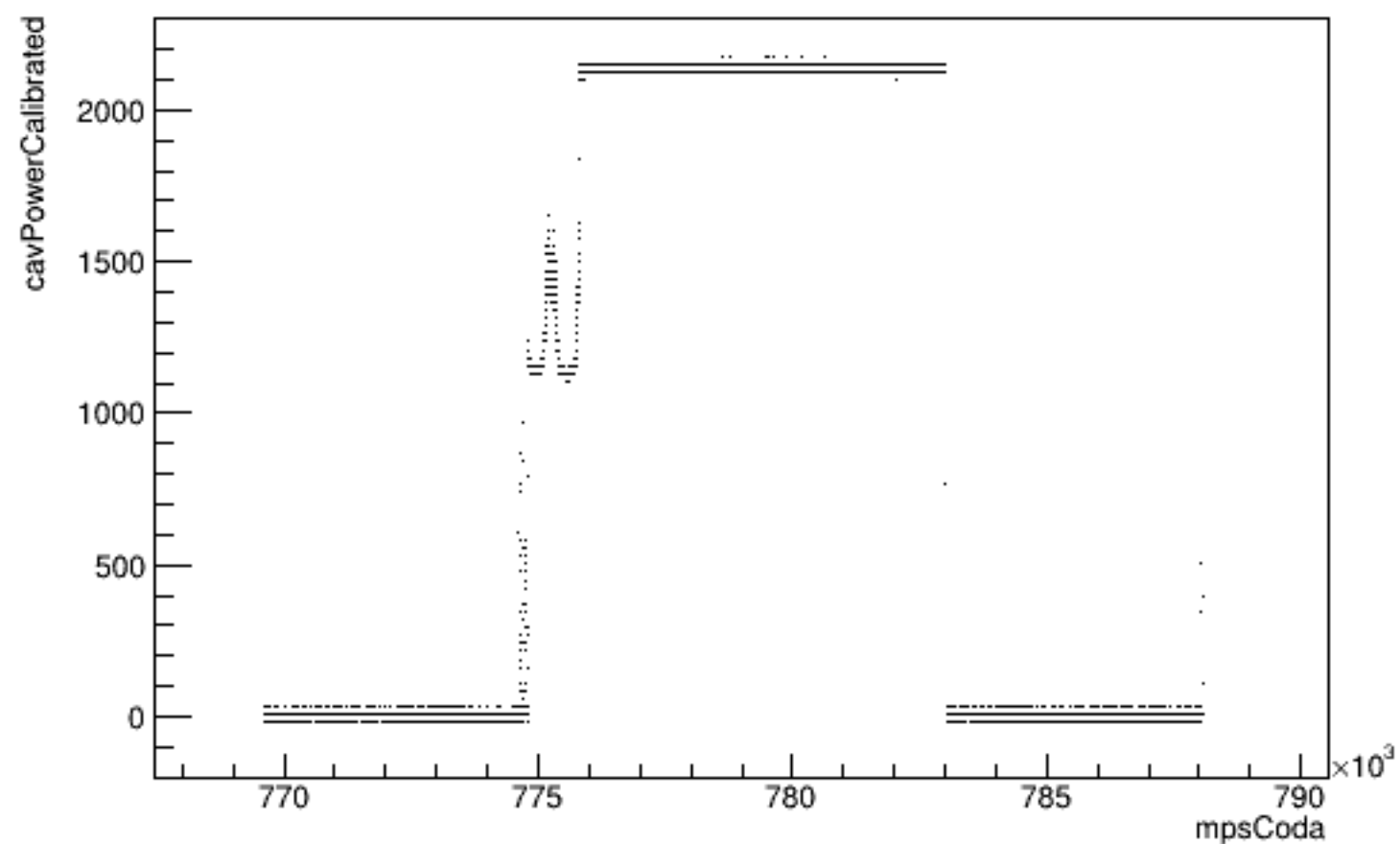
laserState:mpsCoda {mpsCoda>=769597 && mpsCoda<=788056}



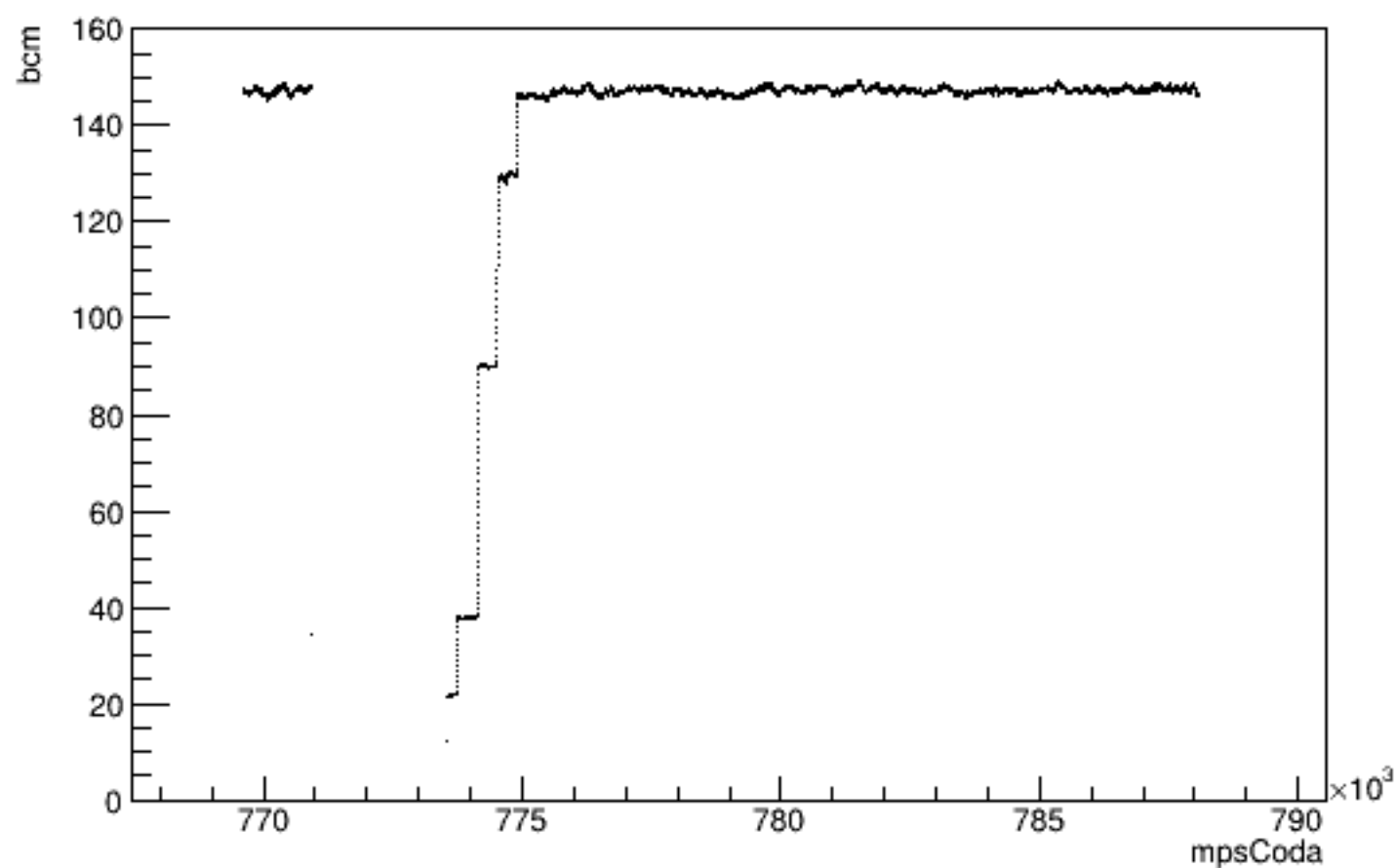
beamState + 1:mpsCoda {mpsCoda>=769597 && mpsCoda<=788056}



cavPowerCalibrated:mpsCoda {mpsCoda>=769597 && mpsCoda<=788056}



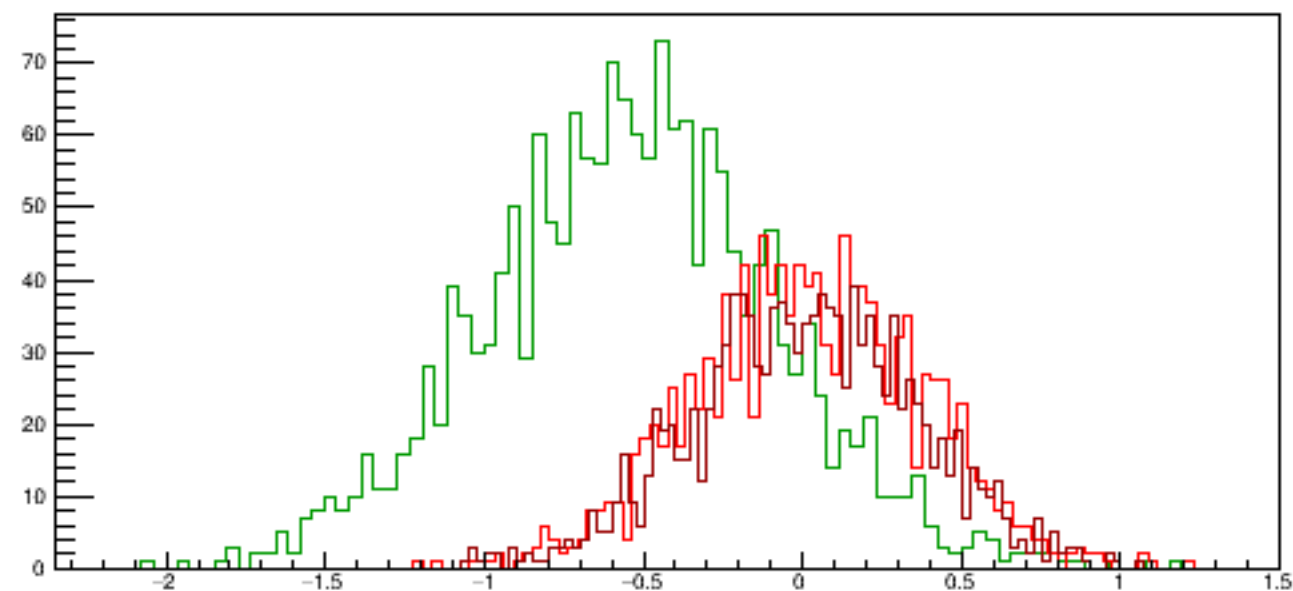
bcm:mpsCoda {mpsCoda>=769597 && mpsCoda<=788056}



Cycle 34, Diffs

Entries: 1256	Entries: 1805	Entries: 1260
Mean: 0.0143 +/- 0.0101	Mean: -0.5392 +/- 0.0107	Mean: 0.0052 +/- 0.0099
Std Dev: 0.3572 +/- 0.0071	Std Dev: 0.4561 +/- 0.0076	Std Dev: 0.3513 +/- 0.0070

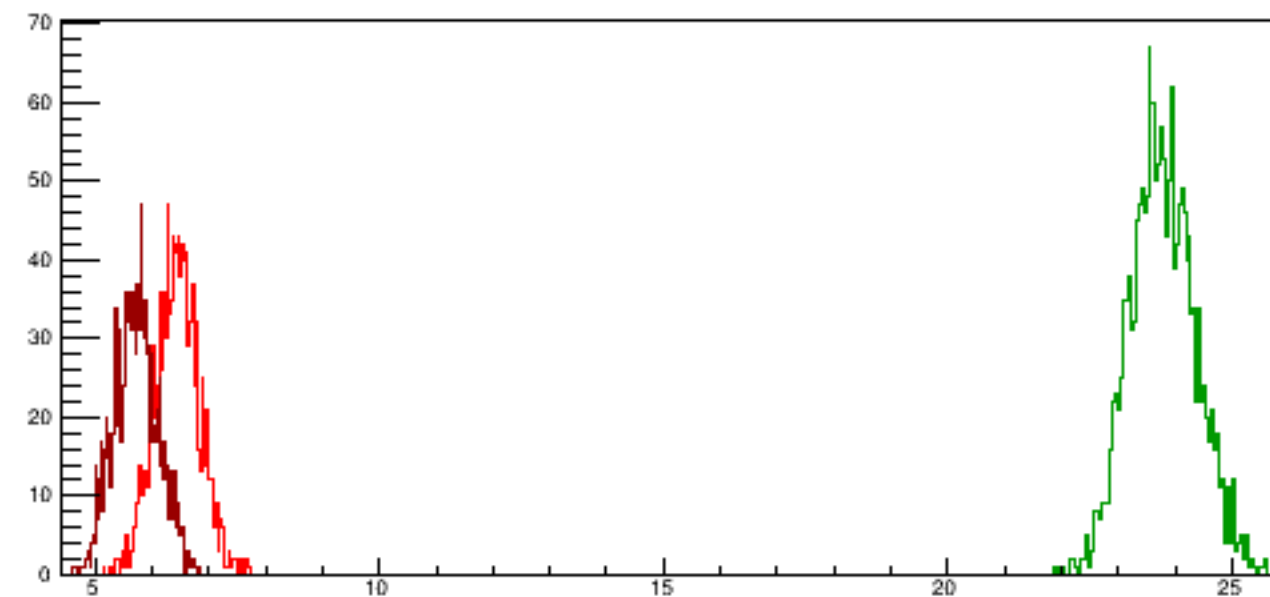
Run 6173 quartetwise, Diffs



Cycle 34, Sums

Entries: 1256	Entries: 1805	Entries: 1260
Mean: 6.4313 +/- 0.0108	Mean: 23.7872 +/- 0.0135	Mean: 5.7168 +/- 0.0108
Std Dev: 0.3844 +/- 0.0077	Std Dev: 0.5731 +/- 0.0095	Std Dev: 0.3835 +/- 0.0076

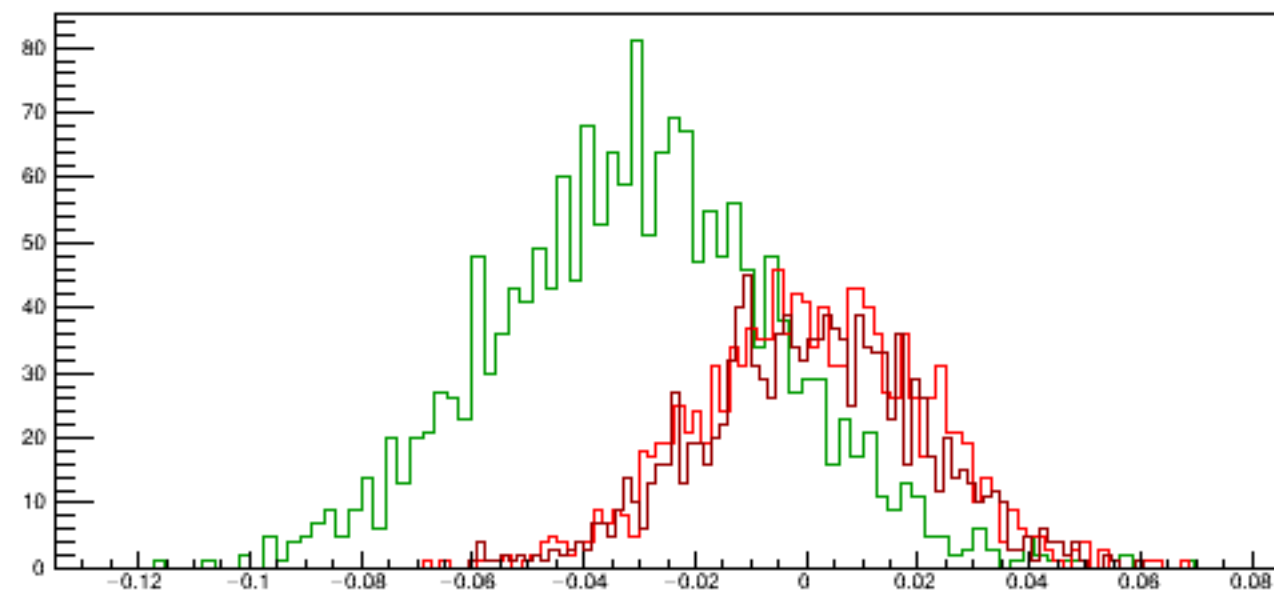
Run 6173 quartetwise, Sums



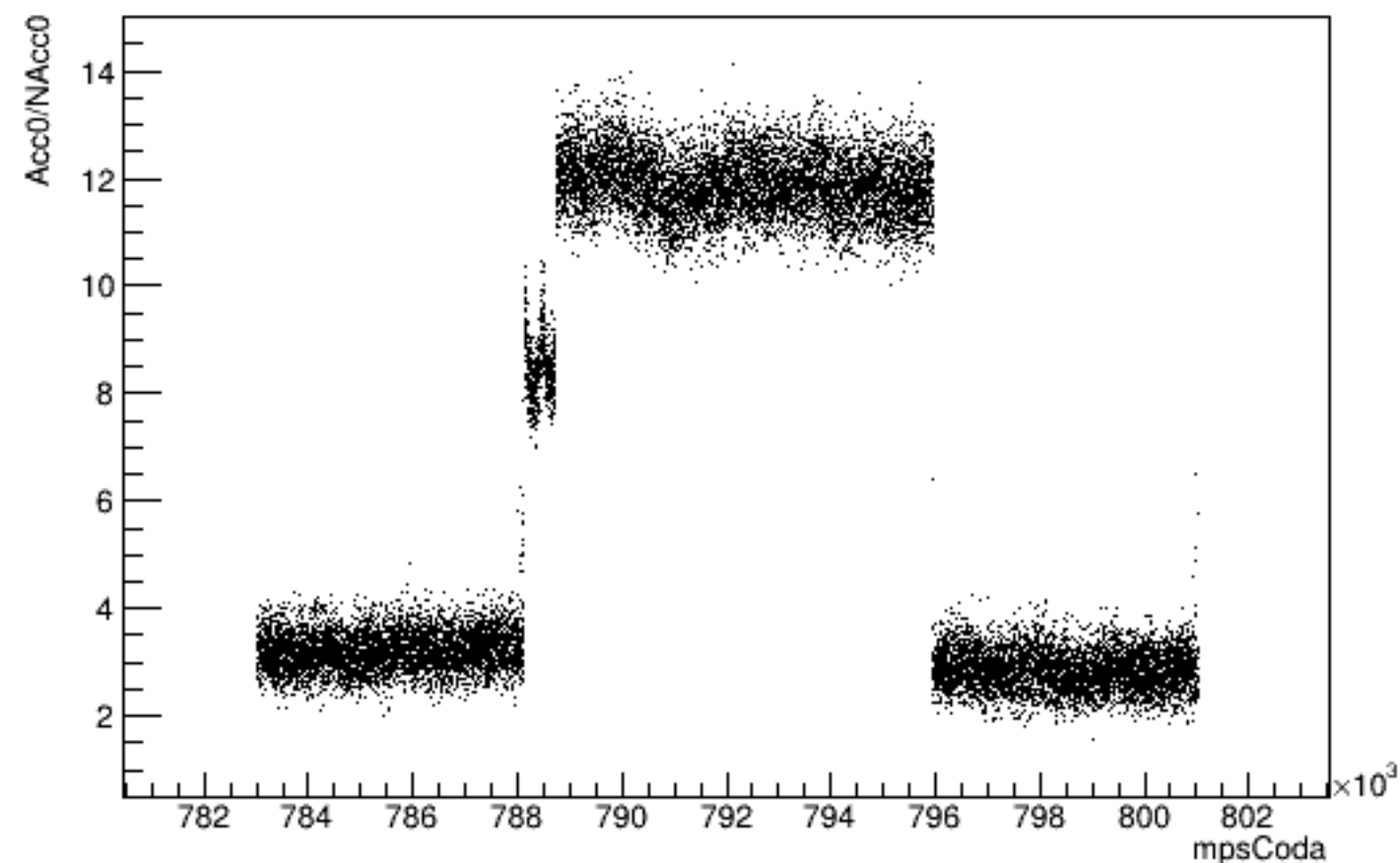
Cycle 34, Asyms

Entries: 1256	Entries: 1805	Entries: 1260
Mean: 0.0008 +/- 0.0006	Mean: -0.0305 +/- 0.0006	Mean: 0.0003 +/- 0.0006
Std Dev: 0.0202 +/- 0.0004	Std Dev: 0.0257 +/- 0.0004	Std Dev: 0.0198 +/- 0.0004

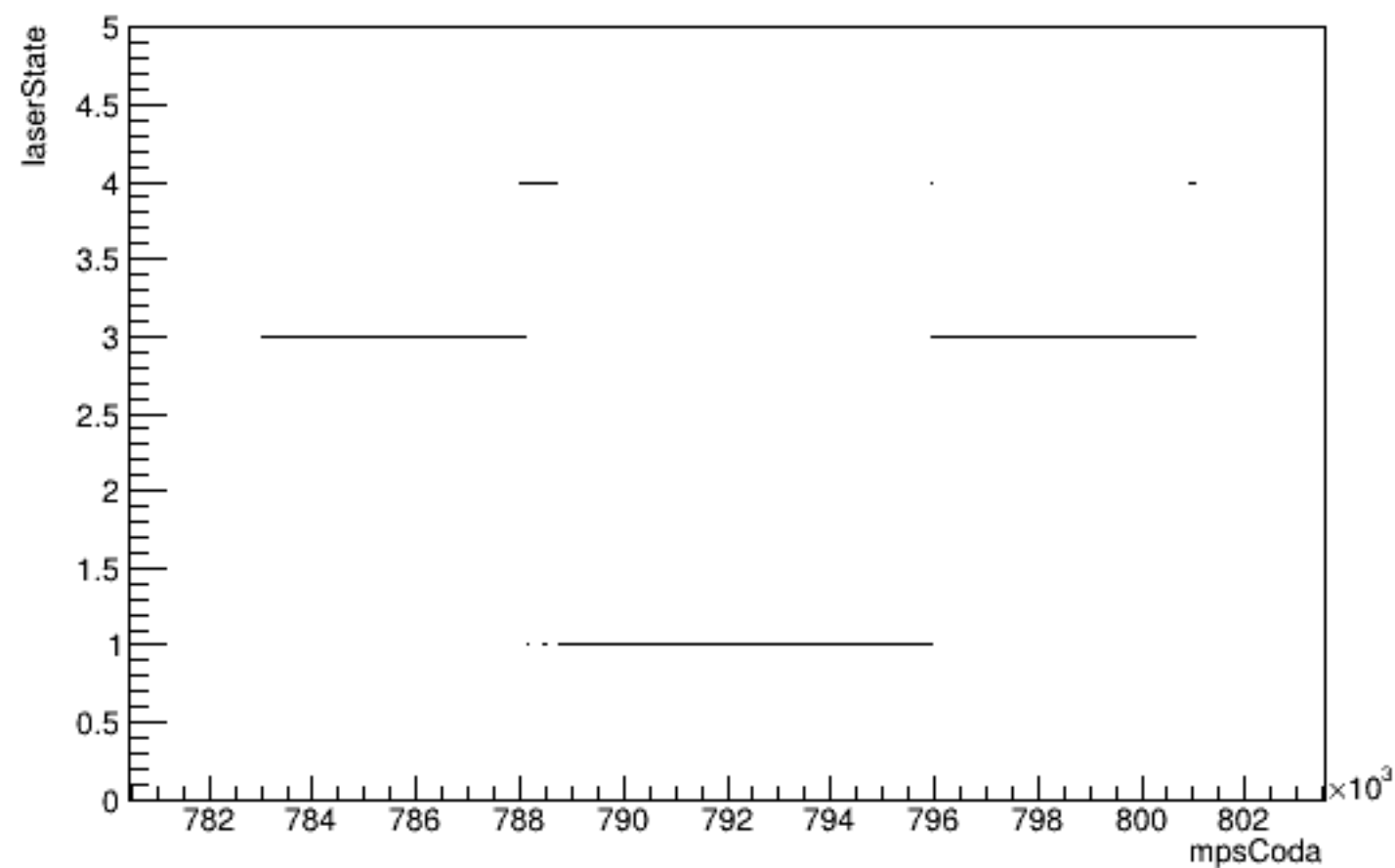
Run 6173 quartetwise, Asyms



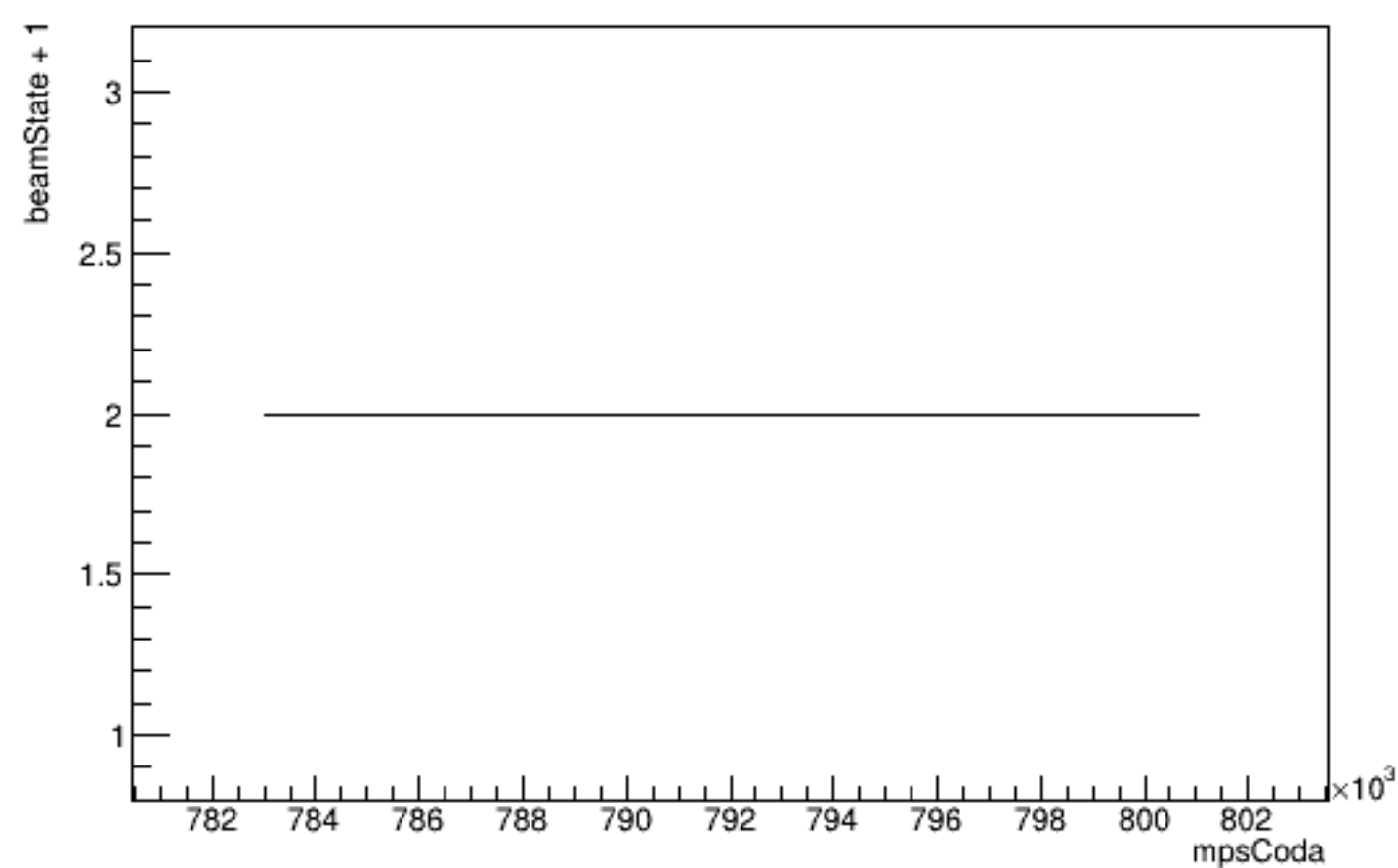
Acc0/NAcc0:mpsCoda (mpsCoda>=783025 && mpsCoda<=801020 && beamState==1)



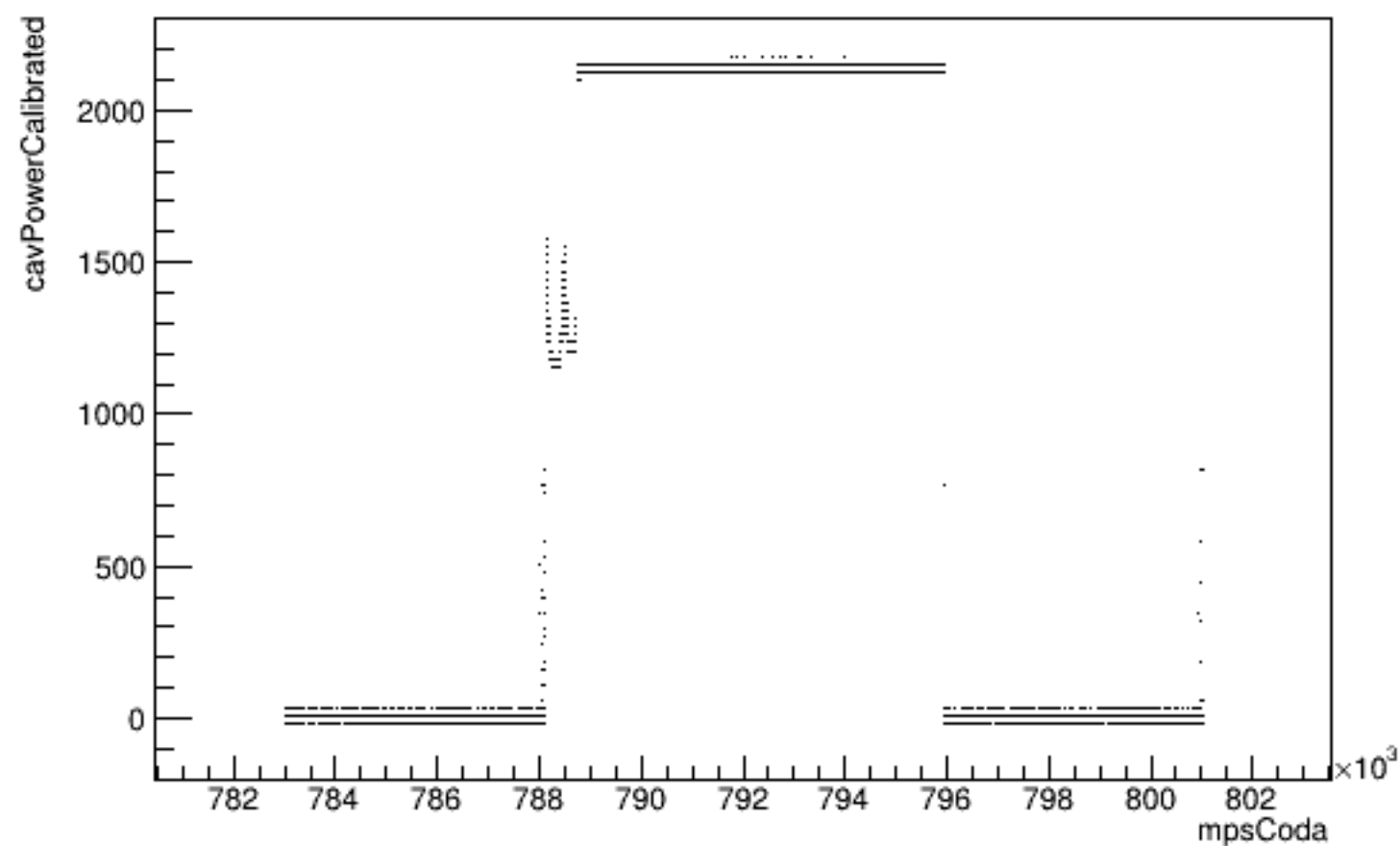
laserState:mpsCoda {mpsCoda>=783025 && mpsCoda<=801020}



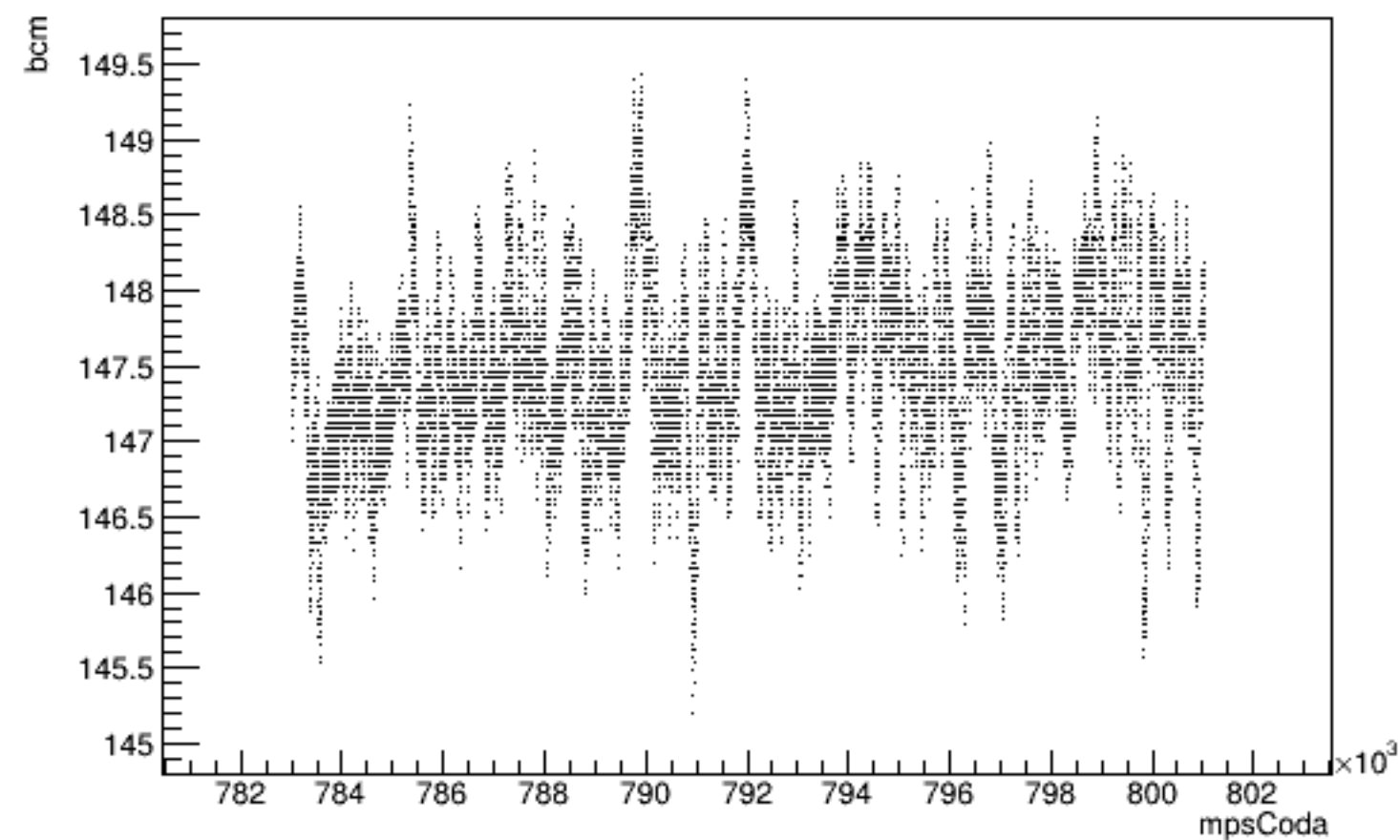
beamState + 1:mpsCoda {mpsCoda>=783025 && mpsCoda<=801020}



cavPowerCalibrated:mpsCoda {mpsCoda>=783025 && mpsCoda<=801020}



bcm:mpsCoda {mpsCoda>=783025 && mpsCoda<=801020}



Cycle 35, Diffs

Entries: 1906

Mean: 0.0089 +/- 0.0081

Std Dev: 0.3545 +/- 0.0057

Entries: 1810

Mean: -0.5492 +/- 0.0107

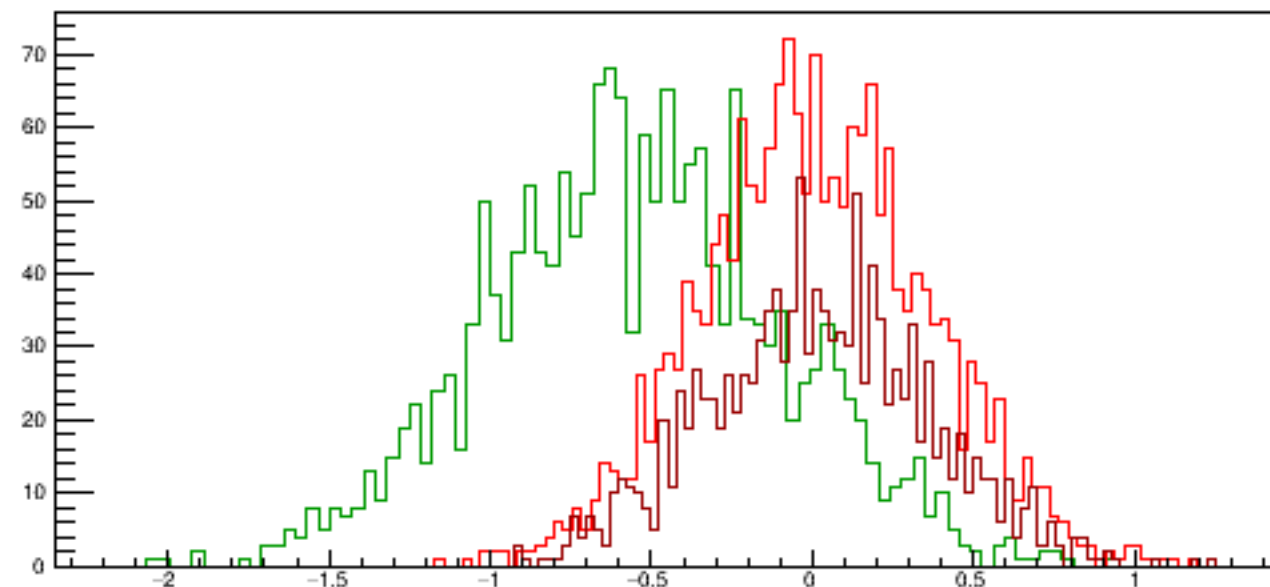
Std Dev: 0.4562 +/- 0.0076

Entries: 1254

Mean: 0.0172 +/- 0.0097

Std Dev: 0.3451 +/- 0.0069

Run 6173 quartetwise, Diffs



Cycle 35, Sums

Entries: 1906

Mean: 5.9118 +/- 0.0088

Std Dev: 0.3834 +/- 0.0062

Entries: 1810

Mean: 23.4005 +/- 0.0114

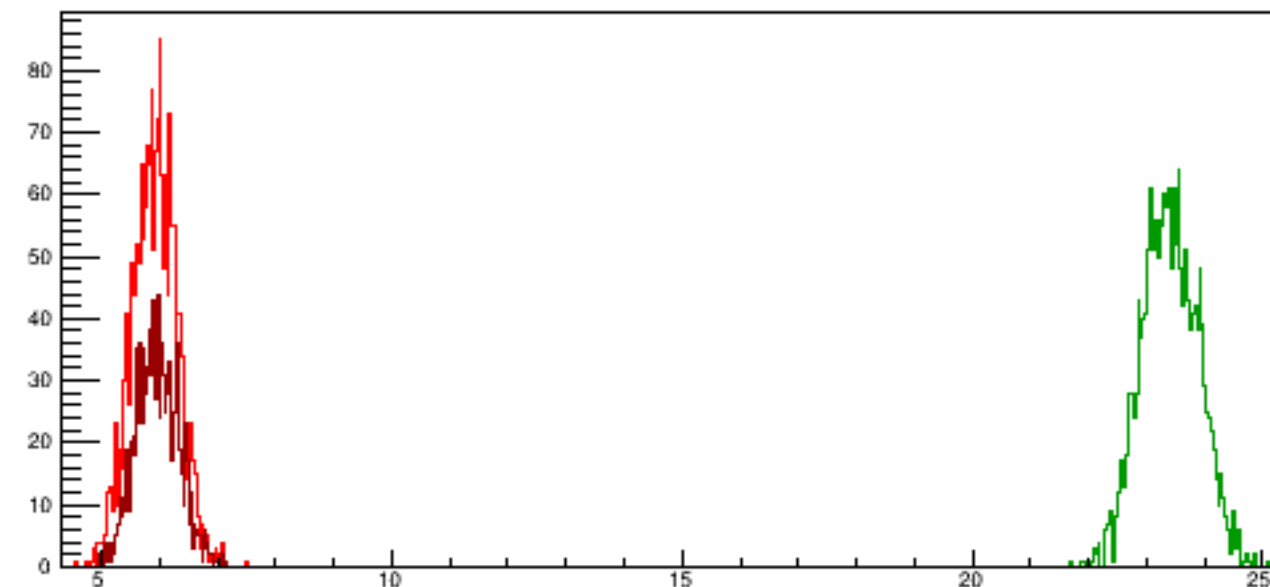
Std Dev: 0.4840 +/- 0.0080

Entries: 1254

Mean: 5.9541 +/- 0.0103

Std Dev: 0.3638 +/- 0.0073

Run 6173 quartetwise, Sums



Cycle 35, Asyms

Entries: 1906

Mean: 0.0005 +/- 0.0005

Std Dev: 0.0203 +/- 0.0003

Entries: 1810

Mean: -0.0315 +/- 0.0006

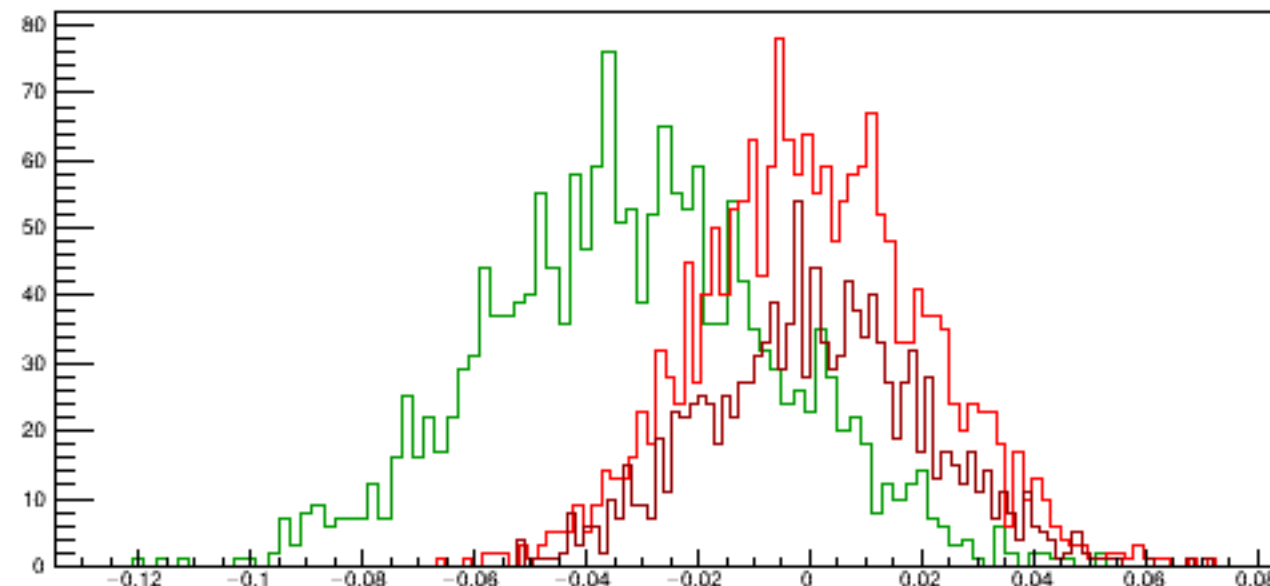
Std Dev: 0.0262 +/- 0.0004

Entries: 1254

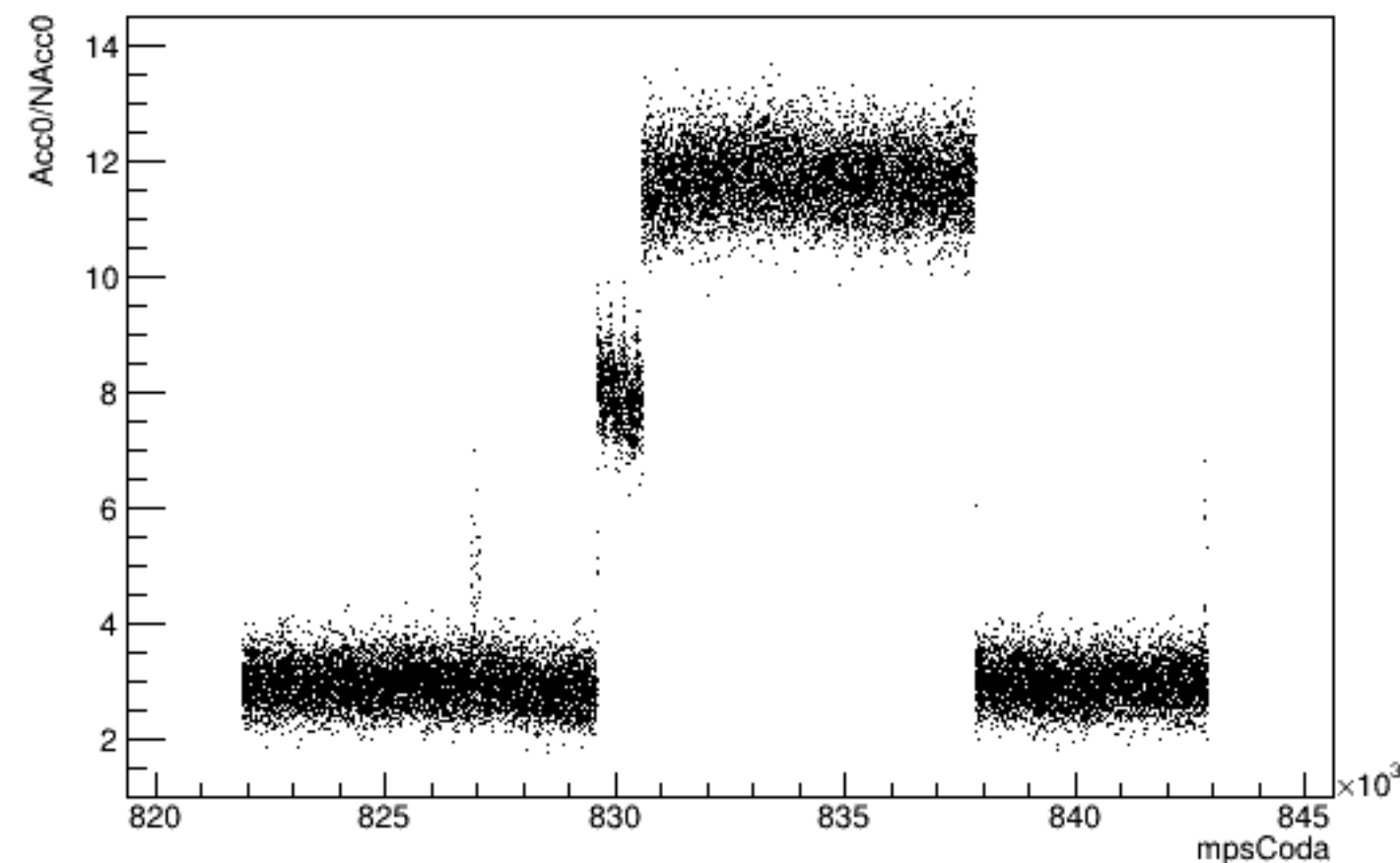
Mean: 0.0010 +/- 0.0006

Std Dev: 0.0198 +/- 0.0004

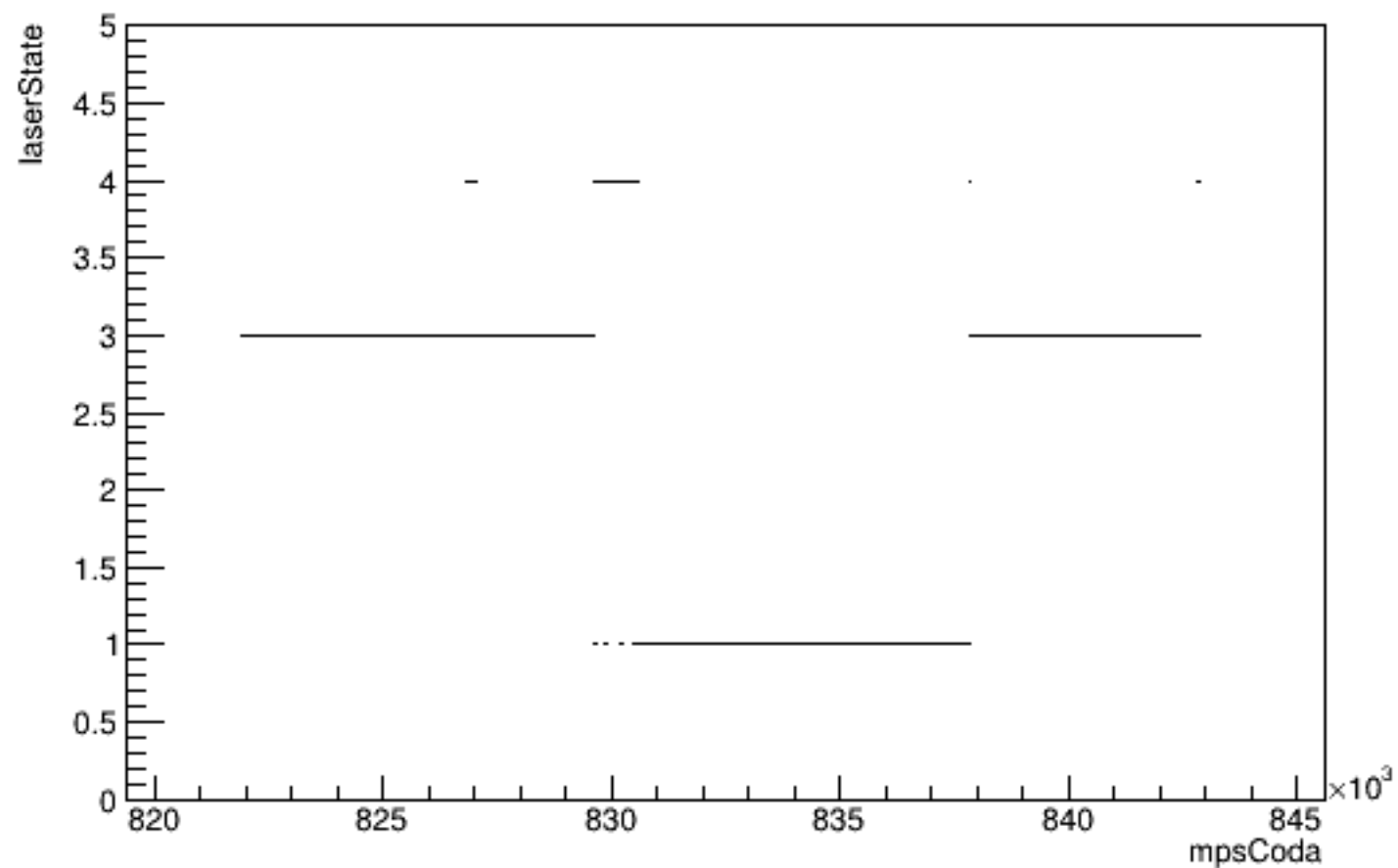
Run 6173 quartetwise, Asyms



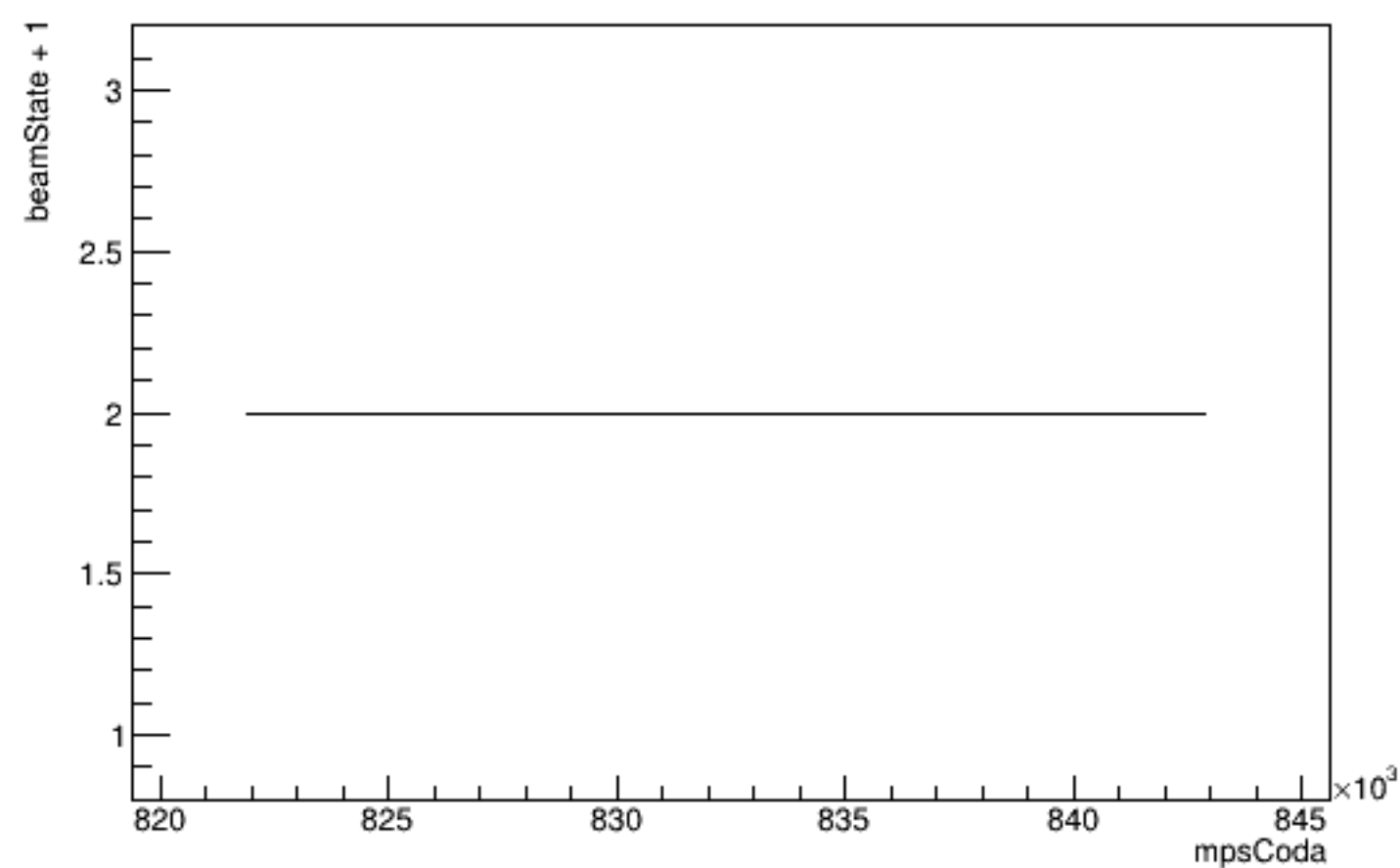
Acc0/NAcc0:mpsCoda (mpsCoda>=821873 && mpsCoda<=842876 && beamState==1)



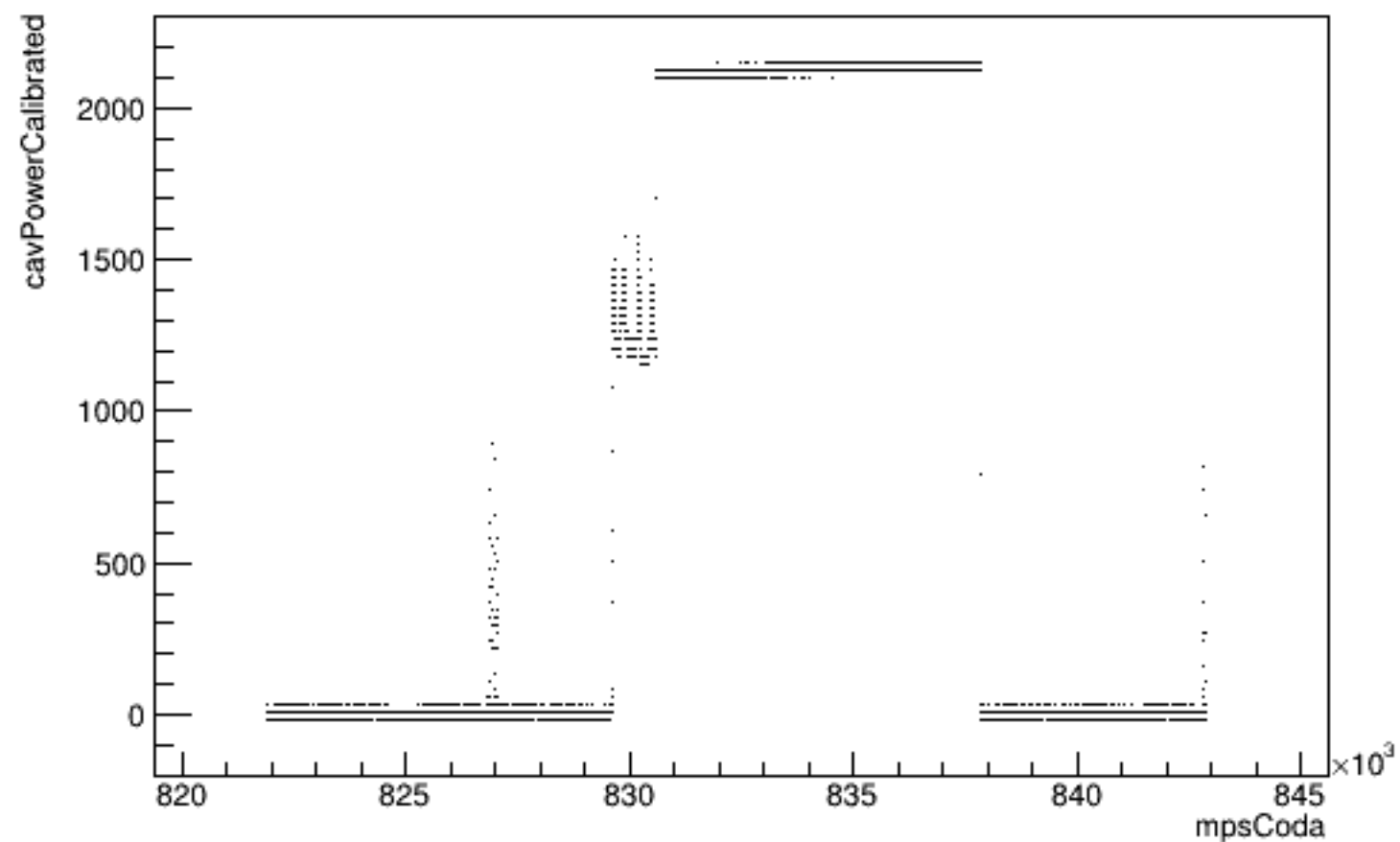
laserState:mpsCoda {mpsCoda>=821873 && mpsCoda<=842876}



beamState + 1:mpsCoda {mpsCoda>=821873 && mpsCoda<=842876}



cavPowerCalibrated:mpsCoda {mpsCoda>=821873 && mpsCoda<=842876}



bcm:mpsCoda {mpsCoda>=821873 && mpsCoda<=842876}

