

Cycle 1, Diffs

Entries: 718

Mean: 0.0003 +/- 0.0023

Std Dev: 0.0624 +/- 0.0016

Entries: 2237

Mean: 0.0026 +/- 0.0013

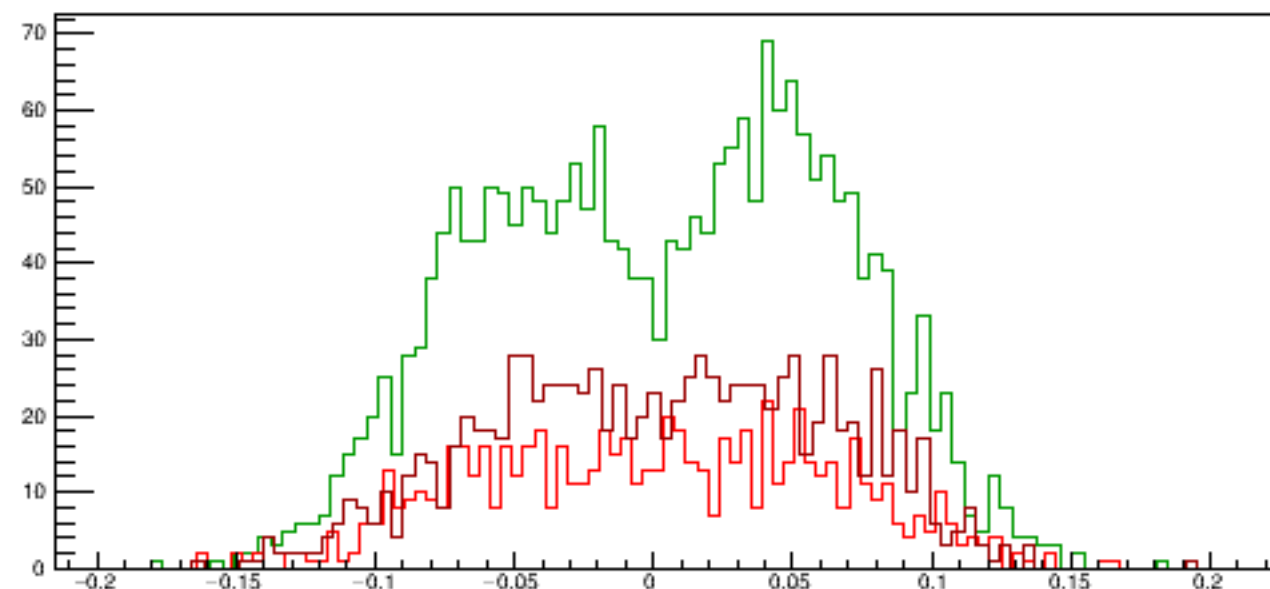
Std Dev: 0.0616 +/- 0.0009

Entries: 1013

Mean: 0.0019 +/- 0.0019

Std Dev: 0.0596 +/- 0.0013

Run 5090 quartetwise, Diffs



Cycle 1, Sums

Entries: 718

Mean: 6.5607 +/- 0.0058

Std Dev: 0.1566 +/- 0.0041

Entries: 2237

Mean: 6.6995 +/- 0.0029

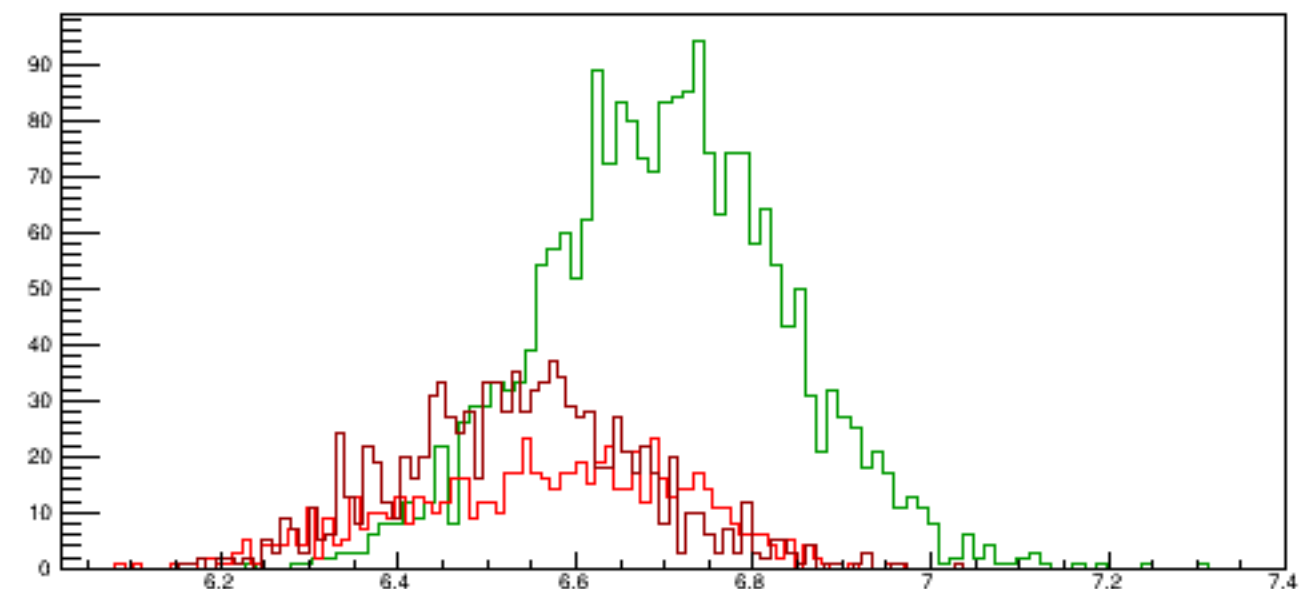
Std Dev: 0.1389 +/- 0.0021

Entries: 1013

Mean: 6.5355 +/- 0.0043

Std Dev: 0.1367 +/- 0.0030

Run 5090 quartetwise, Sums



Cycle 1, Asyms

Entries: 718

Mean: 0.0017 +/- 0.0154

Std Dev: 0.4118 +/- 0.0109

Entries: 2237

Mean: -0.3897 +/- 0.5896

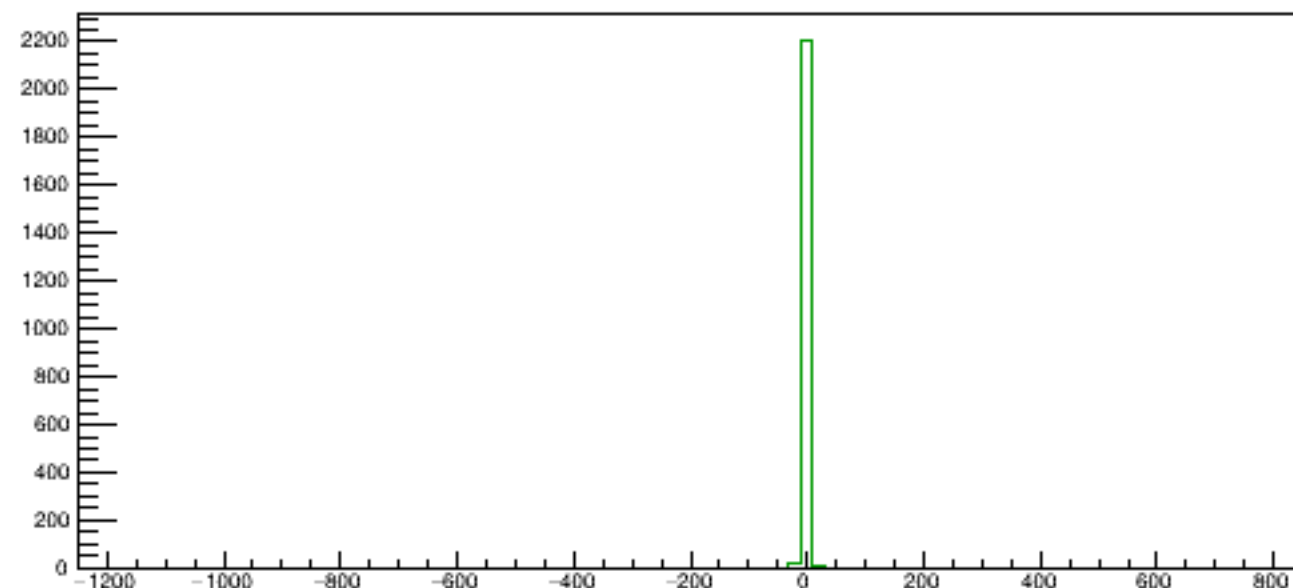
Std Dev: 27.8875 +/- 0.4169

Entries: 1013

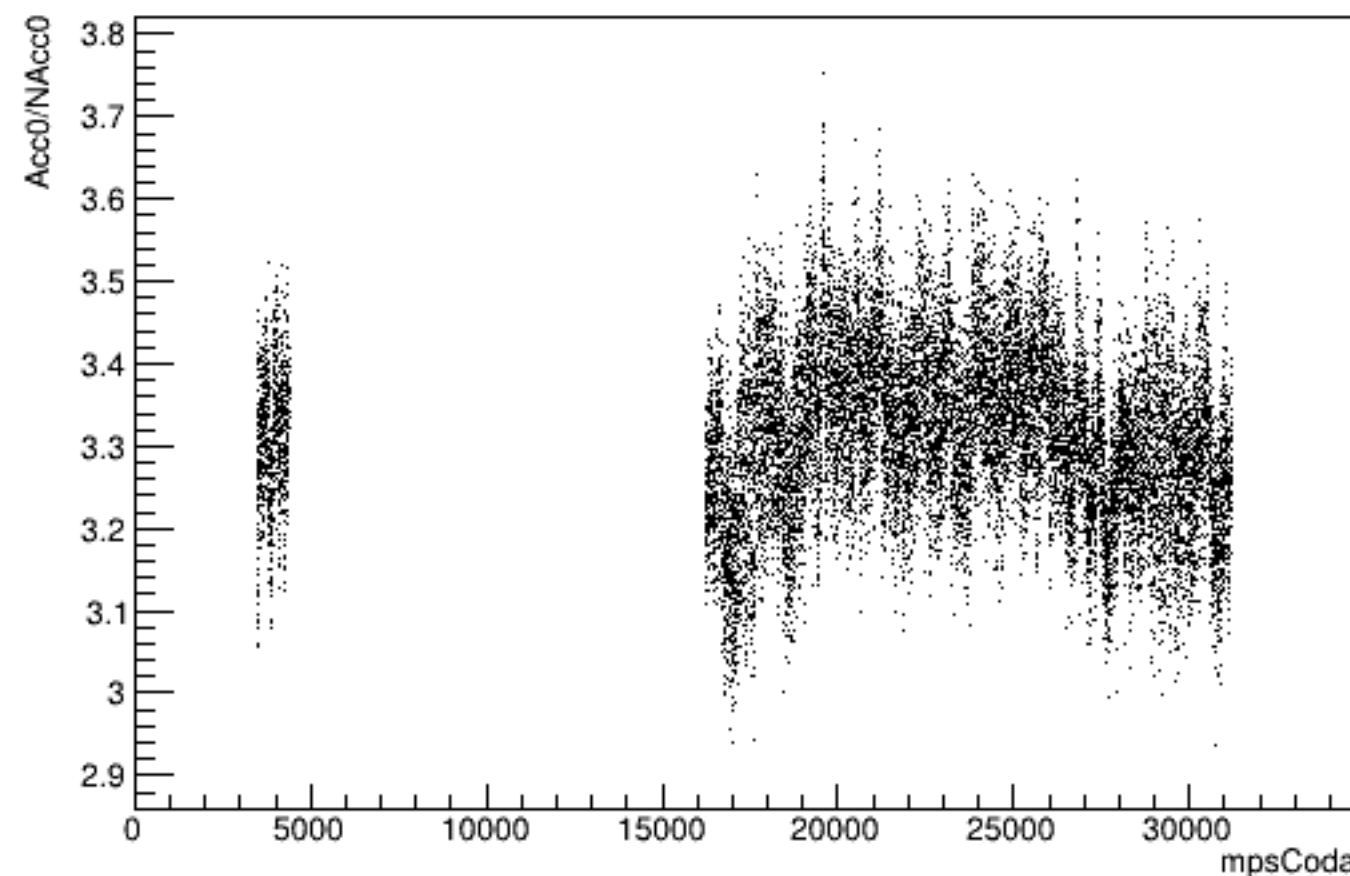
Mean: 0.0125 +/- 0.0124

Std Dev: 0.3938 +/- 0.0087

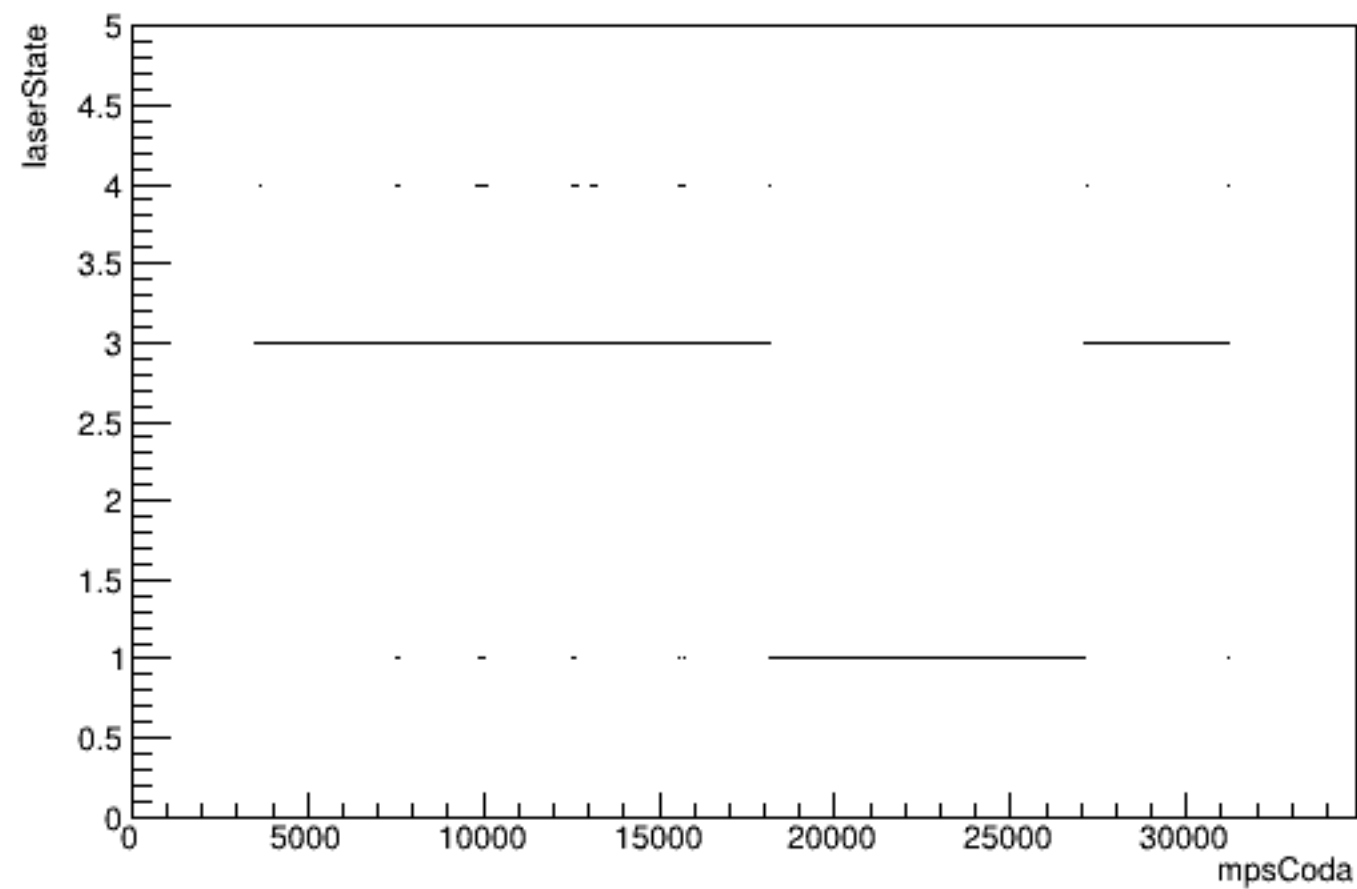
Run 5090 quartetwise, Asyms



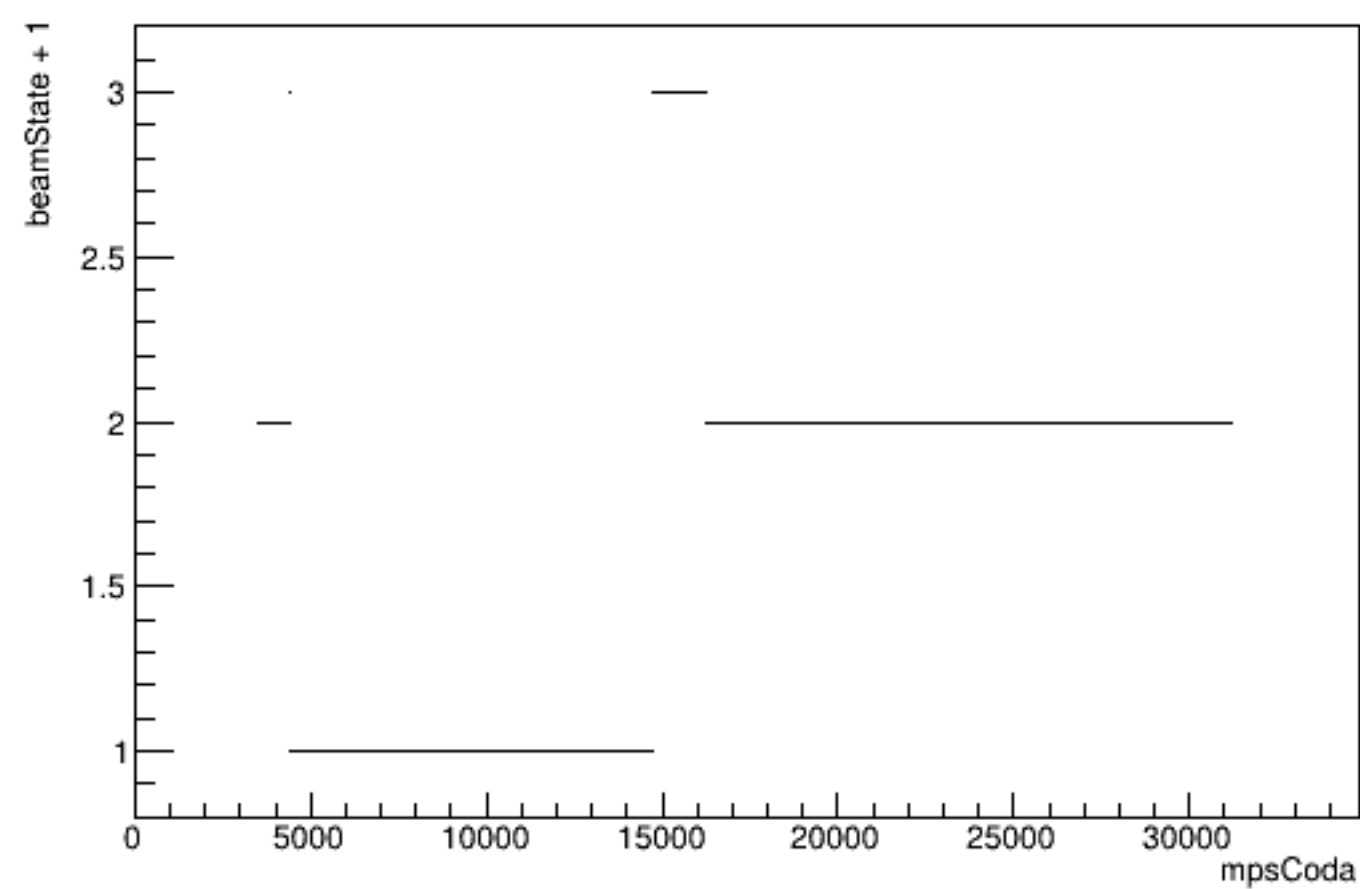
Acc0/NAcc0:mpsCoda {mpsCoda>=3464 && mpsCoda<=31203 && beamState==1}



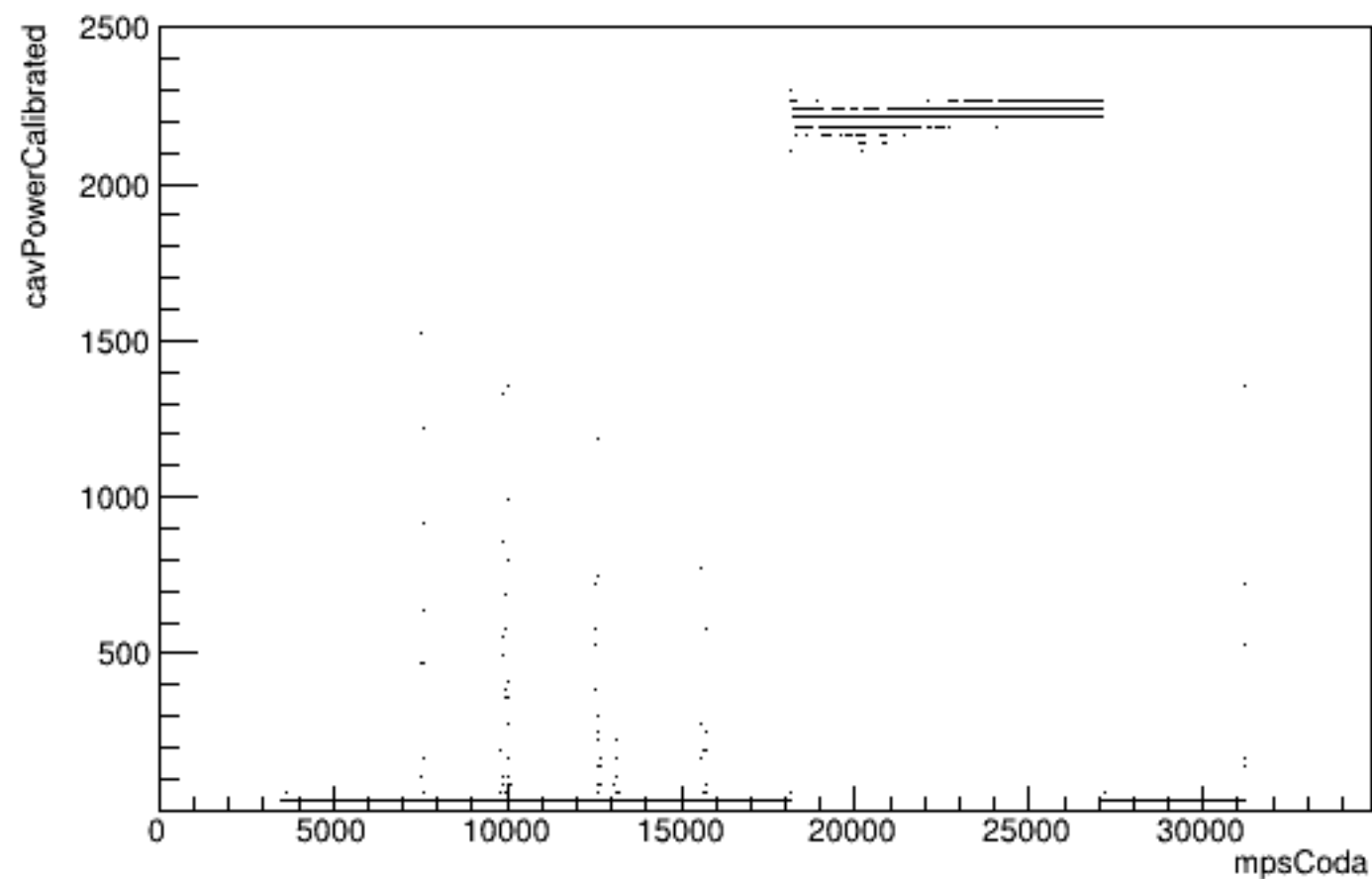
laserState:mpsCoda {mpsCoda>=3464 && mpsCoda<=31203}



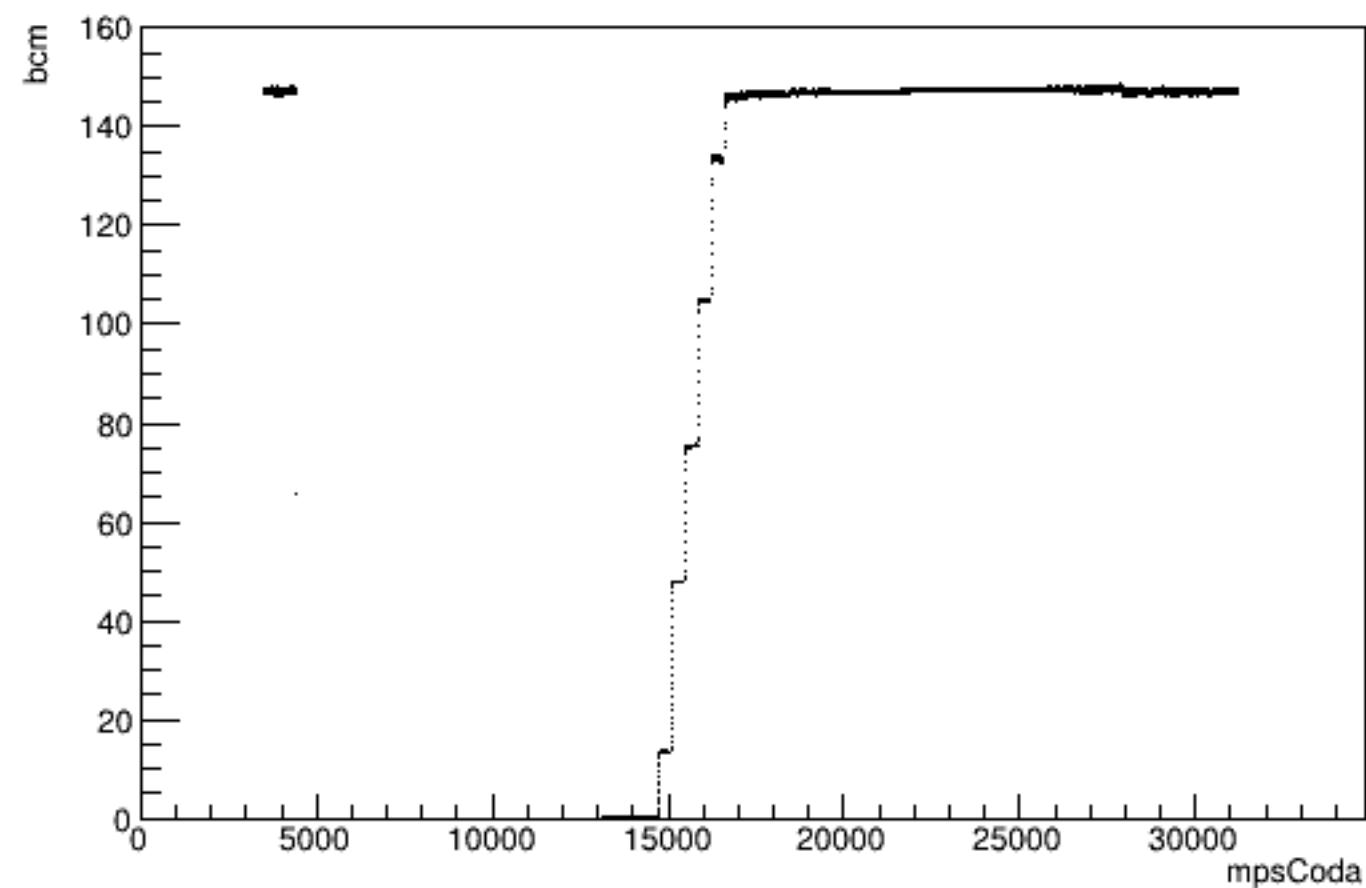
beamState + 1:mpsCoda {mpsCoda>=3464 && mpsCoda<=31203}



cavPowerCalibrated:mpsCoda {mpsCoda>=3464 && mpsCoda<=31203}



bcm:mpsCoda {mpsCoda>=3464 && mpsCoda<=31203}



Cycle 2, Diffs

Entries: 1013

Mean: 0.0019 +/- 0.0019

Std Dev: 0.0596 +/- 0.0013

Entries: 2228

Mean: 0.0011 +/- 0.0013

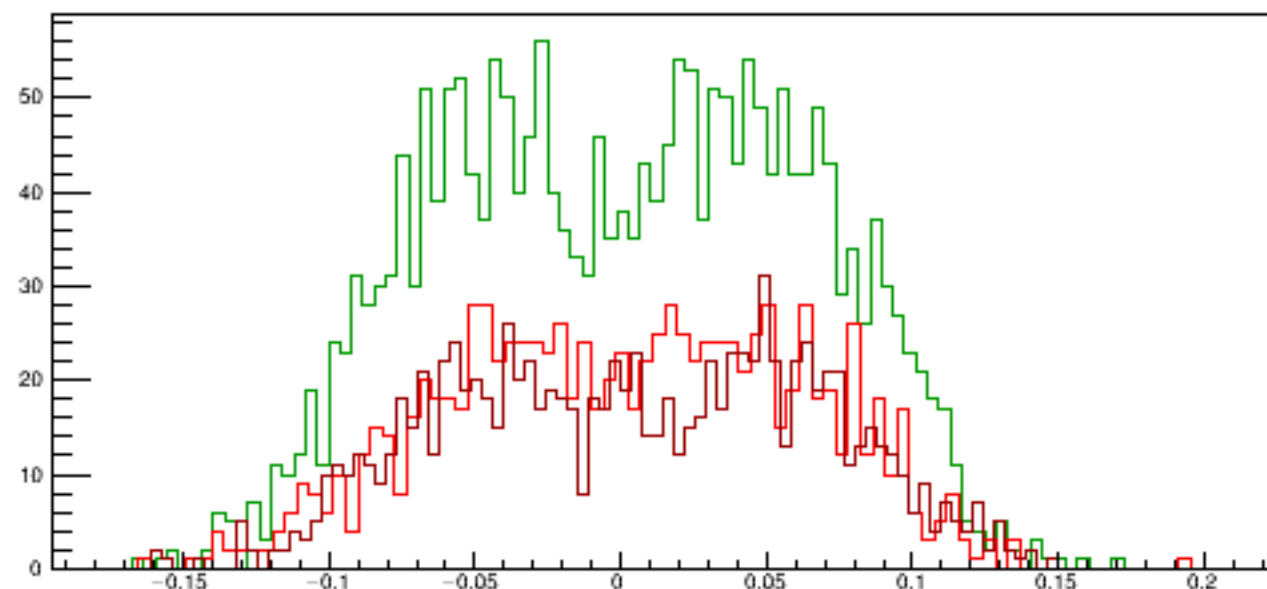
Std Dev: 0.0619 +/- 0.0009

Entries: 1030

Mean: 0.0041 +/- 0.0019

Std Dev: 0.0618 +/- 0.0014

Run 5090 quartetwise, Diffs



Cycle 2, Sums

Entries: 1013

Mean: 6.5355 +/- 0.0043

Std Dev: 0.1367 +/- 0.0030

Entries: 2228

Mean: 6.6082 +/- 0.0030

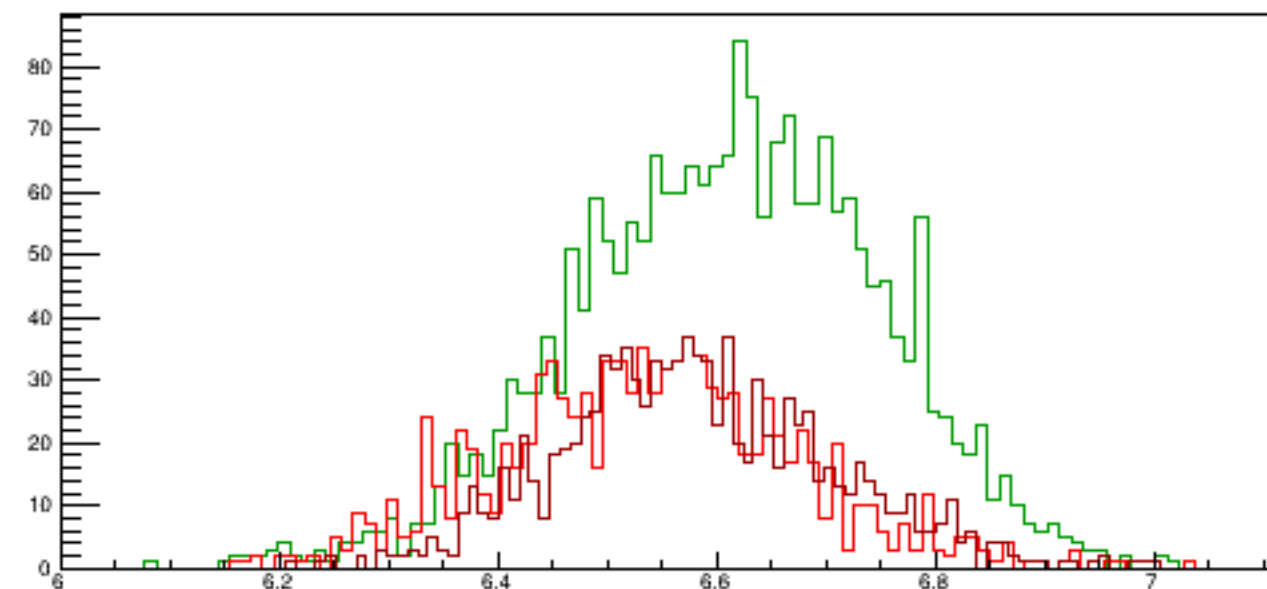
Std Dev: 0.1398 +/- 0.0021

Entries: 1030

Mean: 6.5797 +/- 0.0039

Std Dev: 0.1240 +/- 0.0027

Run 5090 quartetwise, Sums



Cycle 2, Asyms

Entries: 1013

Mean: 0.0374 +/- 0.0370

Std Dev: 1.1786 +/- 0.0262

Entries: 2228

Mean: -1.1015 +/- 1.0837

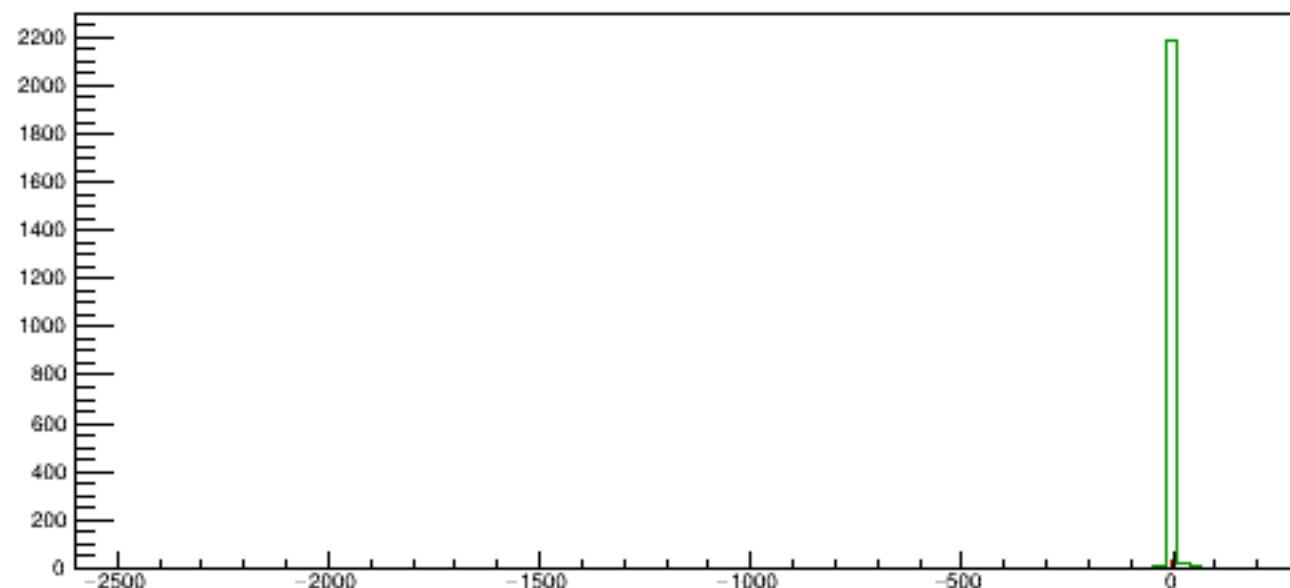
Std Dev: 51.1523 +/- 0.7663

Entries: 1030

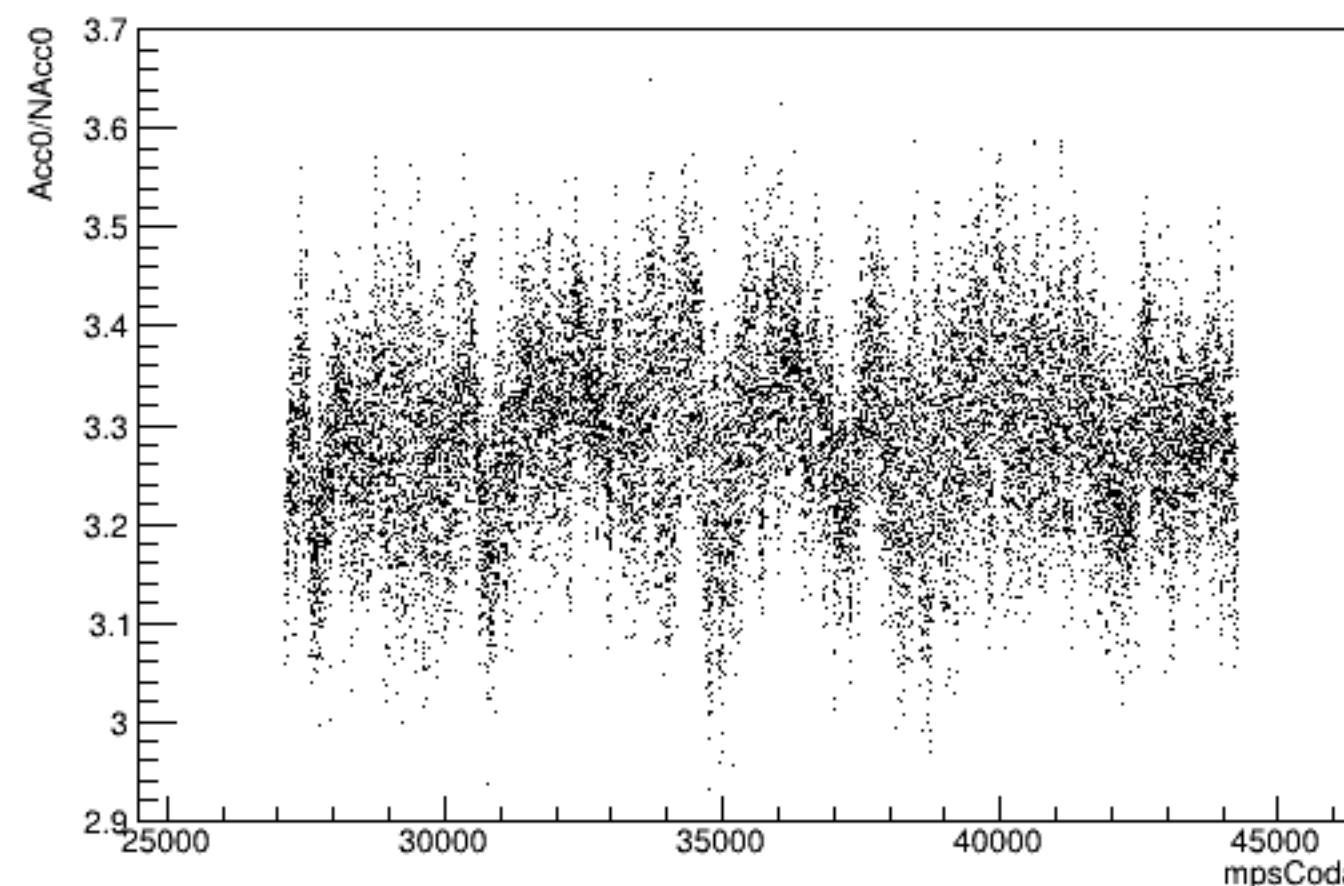
Mean: 0.0805 +/- 0.0381

Std Dev: 1.2213 +/- 0.0269

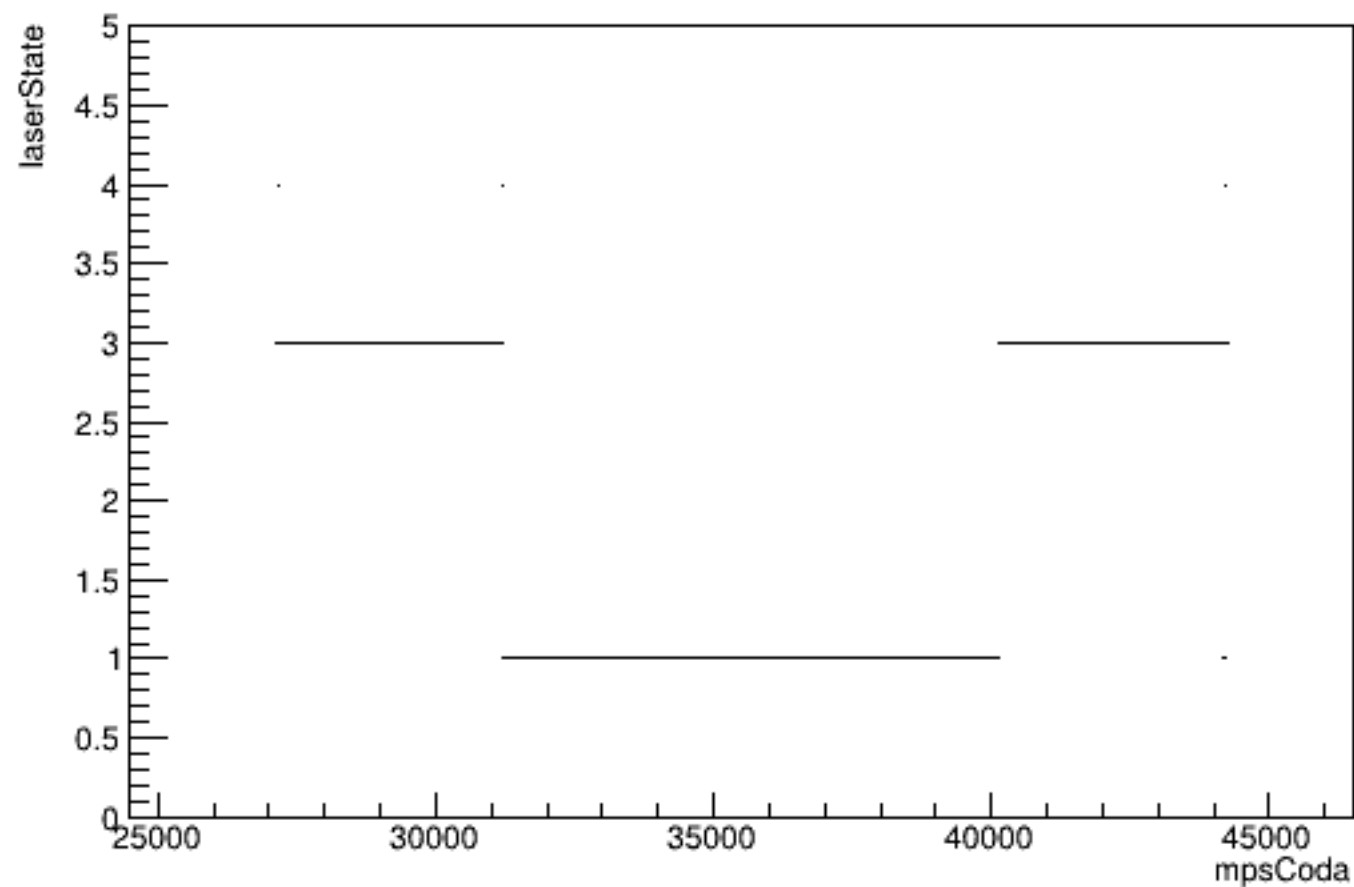
Run 5090 quartetwise, Asyms



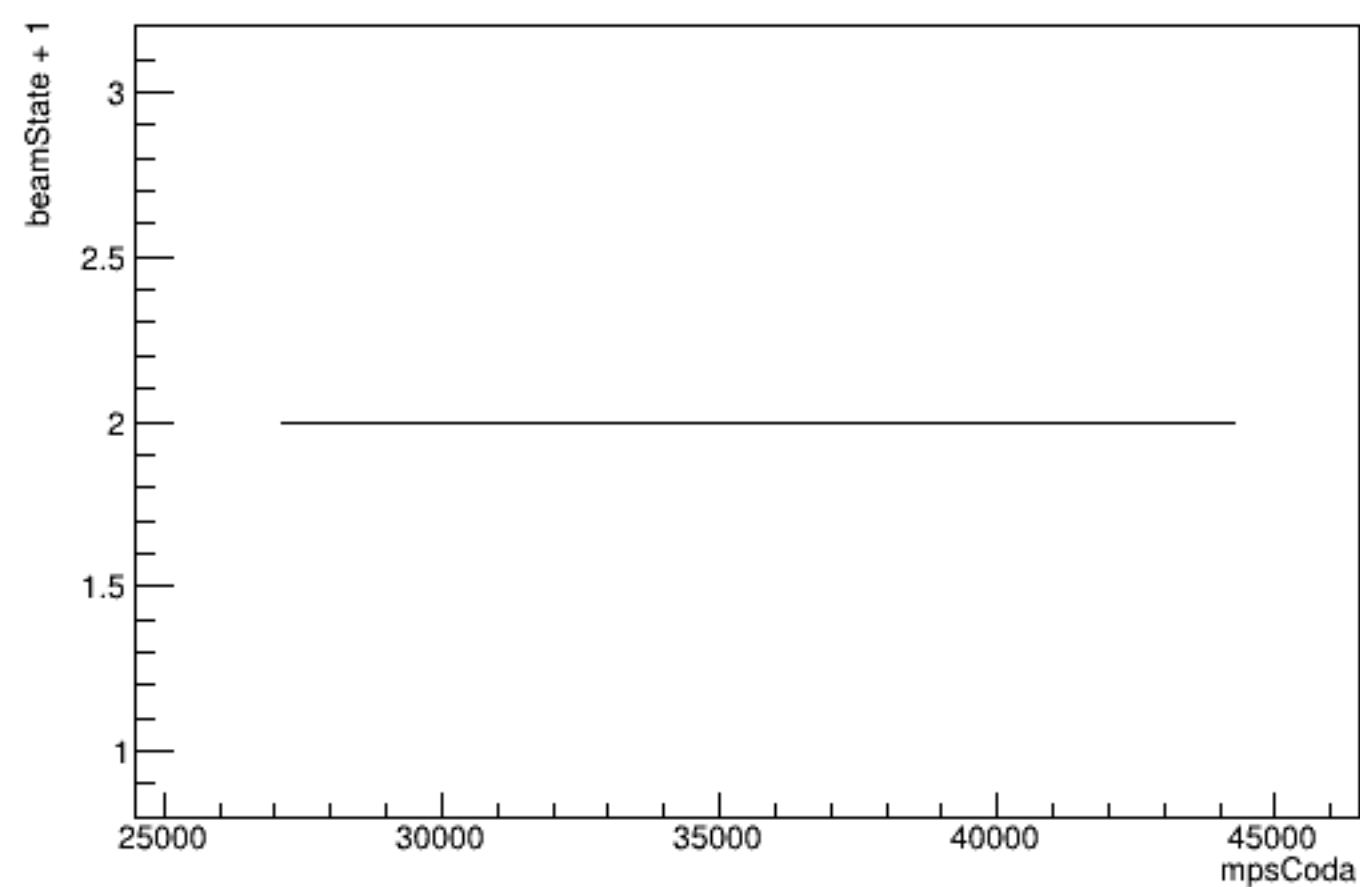
Acc0/NAcc0:mpsCoda {mpsCoda>=27132 && mpsCoda<=44263 && beamState==1}



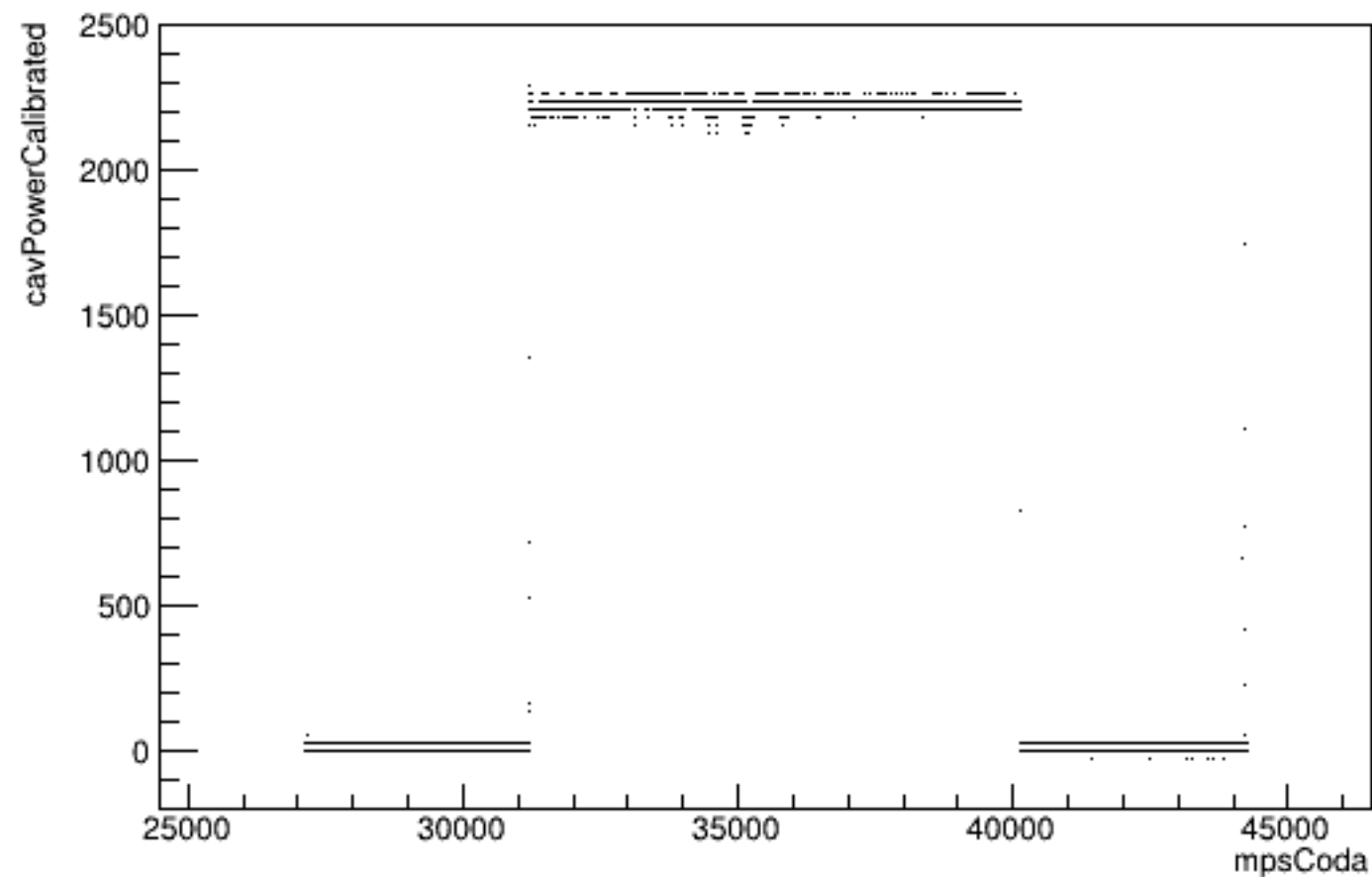
laserState:mpsCoda {mpsCoda>=27132 && mpsCoda<=44263}



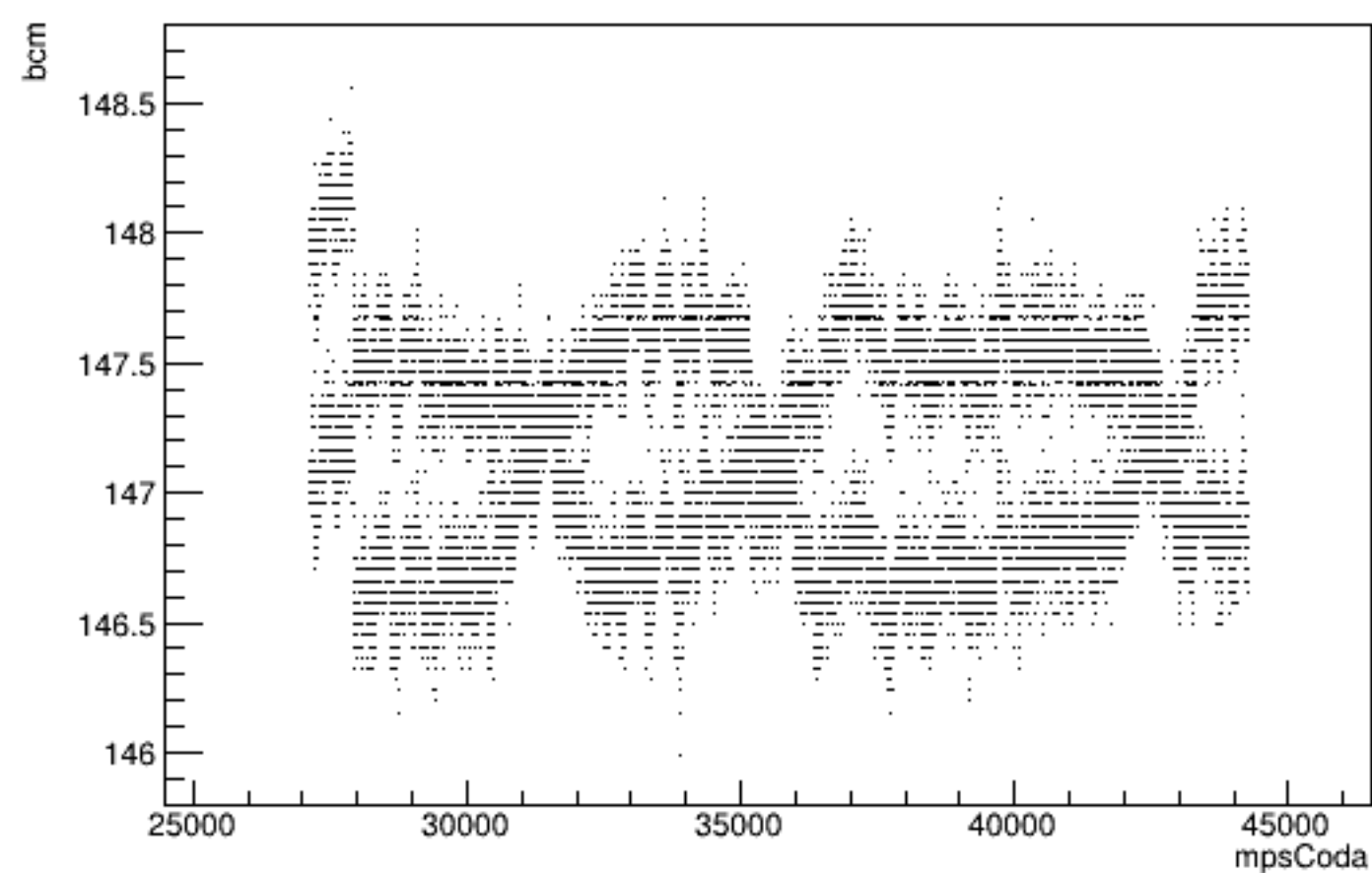
beamState + 1:mpsCoda {mpsCoda>=27132 && mpsCoda<=44263}



cavPowerCalibrated:mpsCoda {mpsCoda>=27132 && mpsCoda<=44263}



bcm:mpsCoda {mpsCoda>=27132 && mpsCoda<=44263}



Cycle 3, Diffs

Entries: 1030

Mean: 0.0041 +/- 0.0019

Std Dev: 0.0618 +/- 0.0014

Entries: 2270

Mean: 0.0005 +/- 0.0013

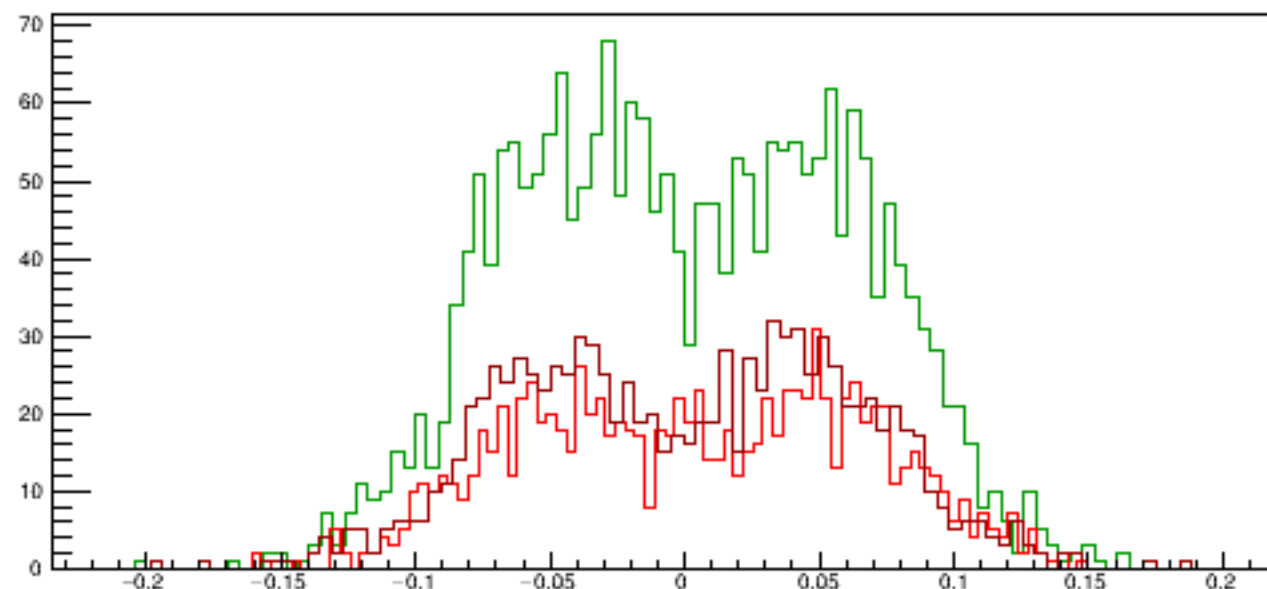
Std Dev: 0.0607 +/- 0.0009

Entries: 1018

Mean: 0.0000 +/- 0.0019

Std Dev: 0.0615 +/- 0.0014

Run 5090 quartetwise, Diffs



Cycle 3, Sums

Entries: 1030

Mean: 6.5797 +/- 0.0039

Std Dev: 0.1240 +/- 0.0027

Entries: 2270

Mean: 6.6411 +/- 0.0032

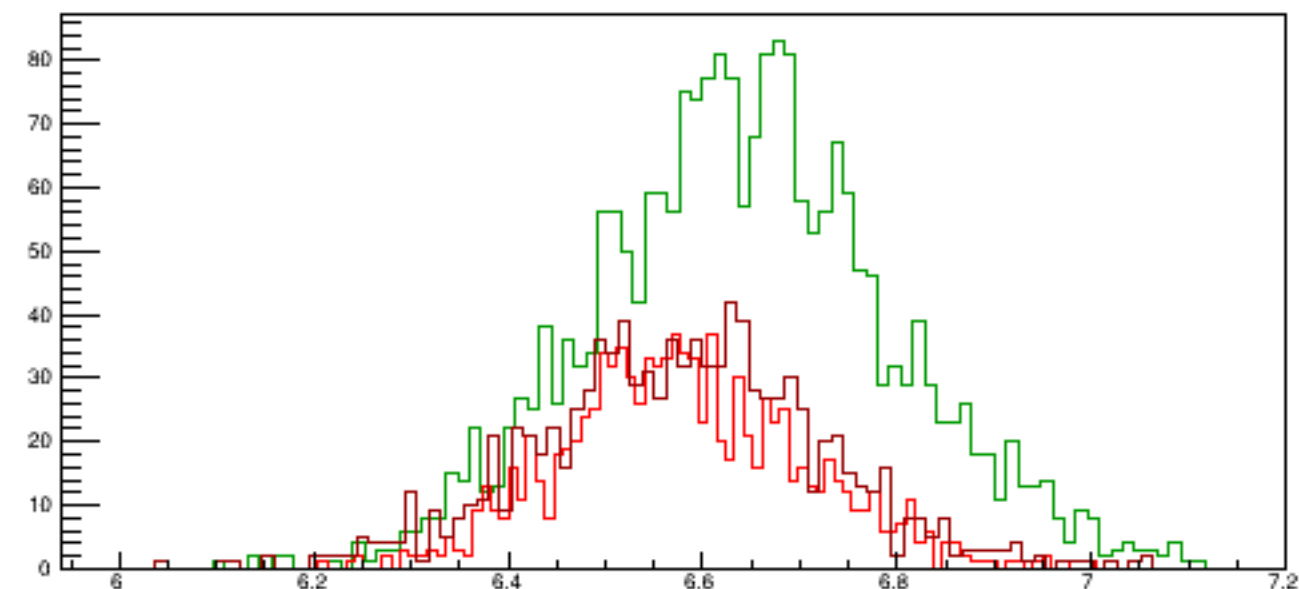
Std Dev: 0.1545 +/- 0.0023

Entries: 1018

Mean: 6.5753 +/- 0.0046

Std Dev: 0.1467 +/- 0.0033

Run 5090 quartetwise, Sums



Cycle 3, Asyms

Entries: 1030

Mean: 0.0641 +/- 0.0303

Std Dev: 0.9713 +/- 0.0214

Entries: 2270

Mean: -7.3500 +/- 7.7654

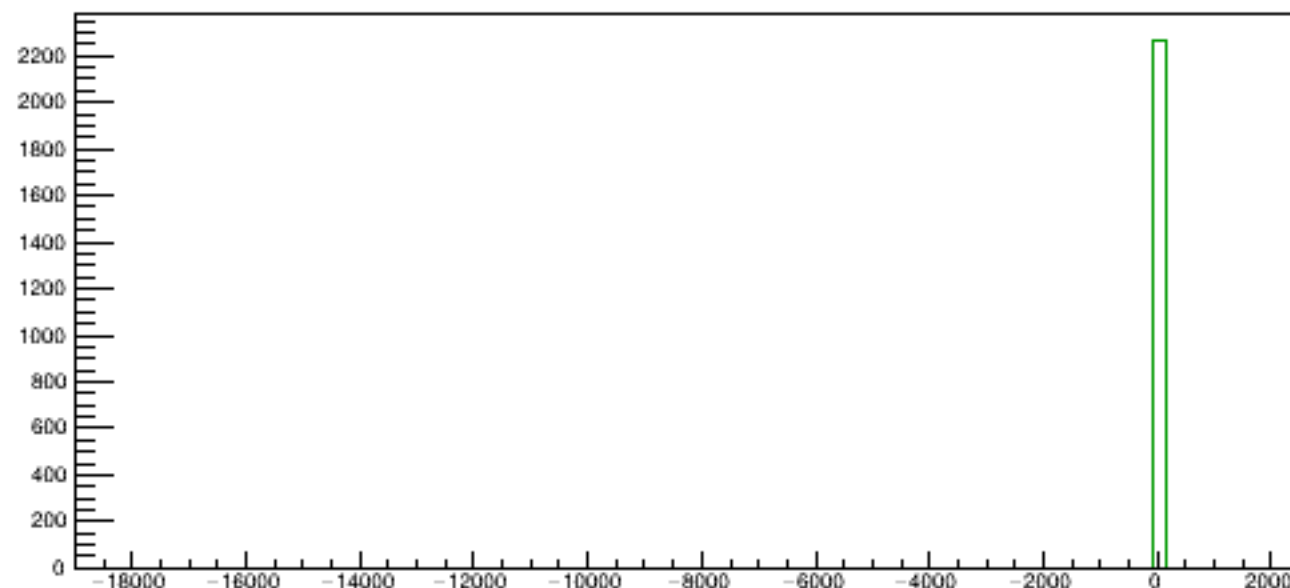
Std Dev: 369.9802 +/- 5.4910

Entries: 1018

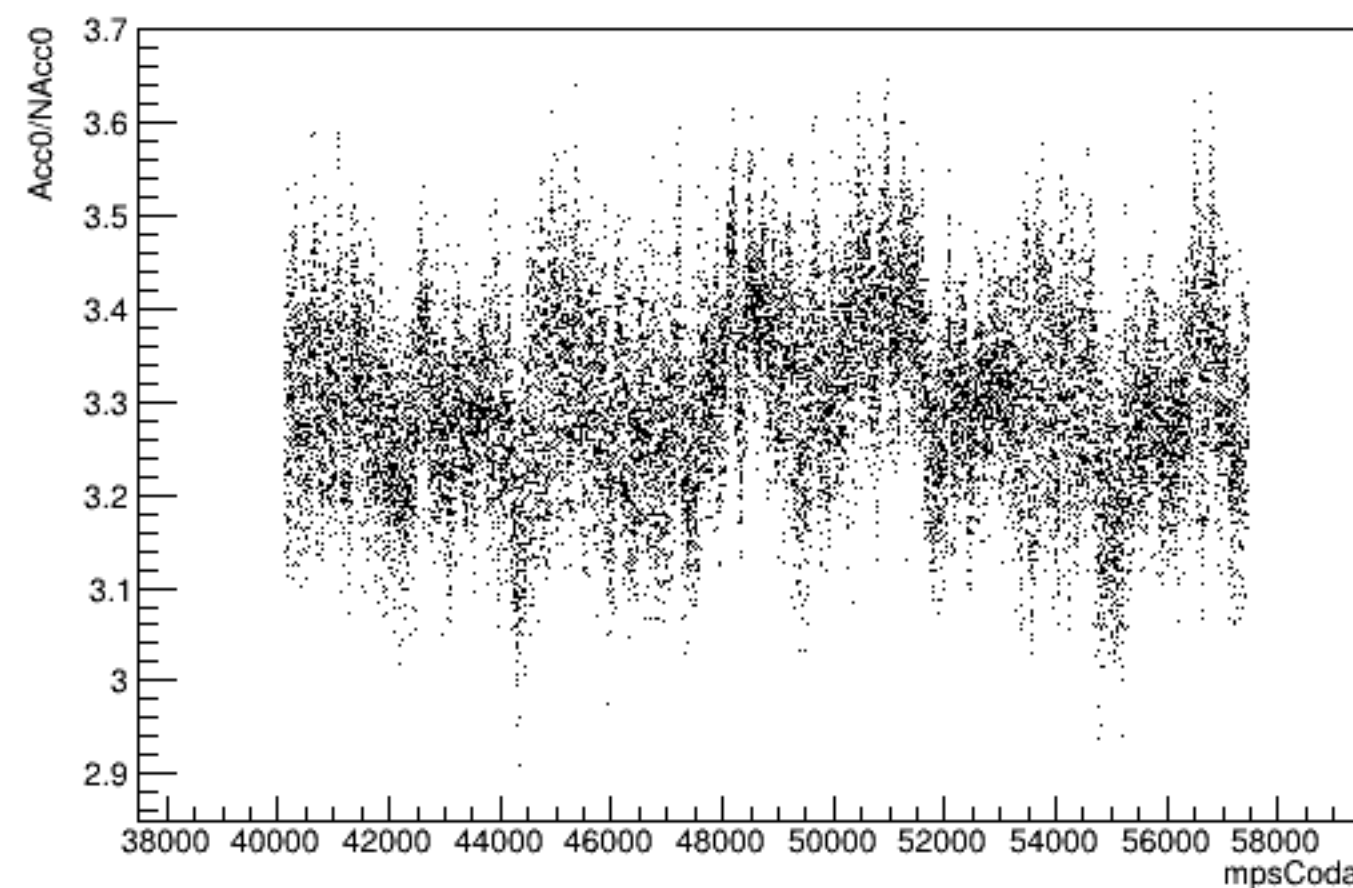
Mean: 0.0005 +/- 0.0303

Std Dev: 0.9669 +/- 0.0214

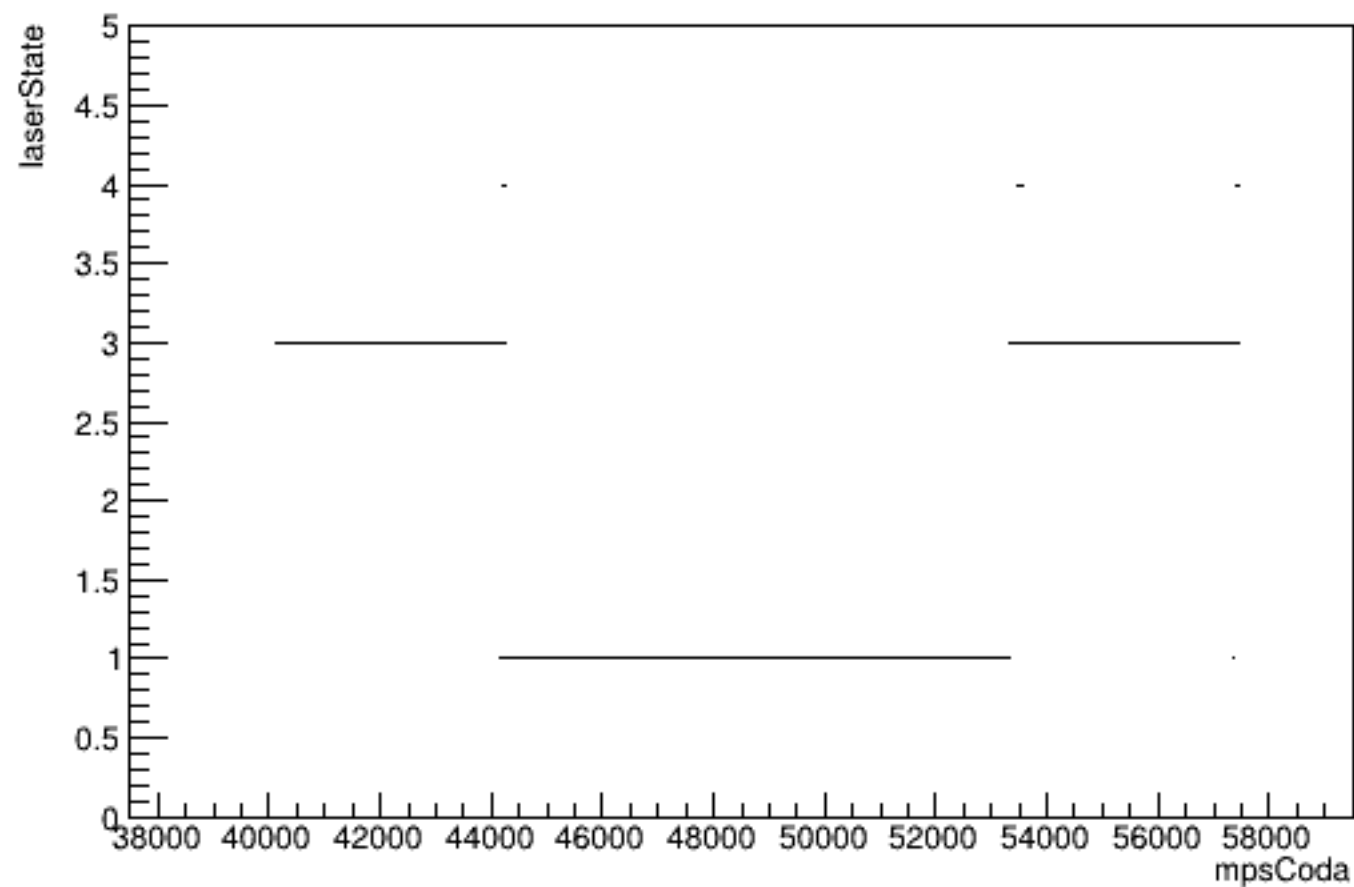
Run 5090 quartetwise, Asyms



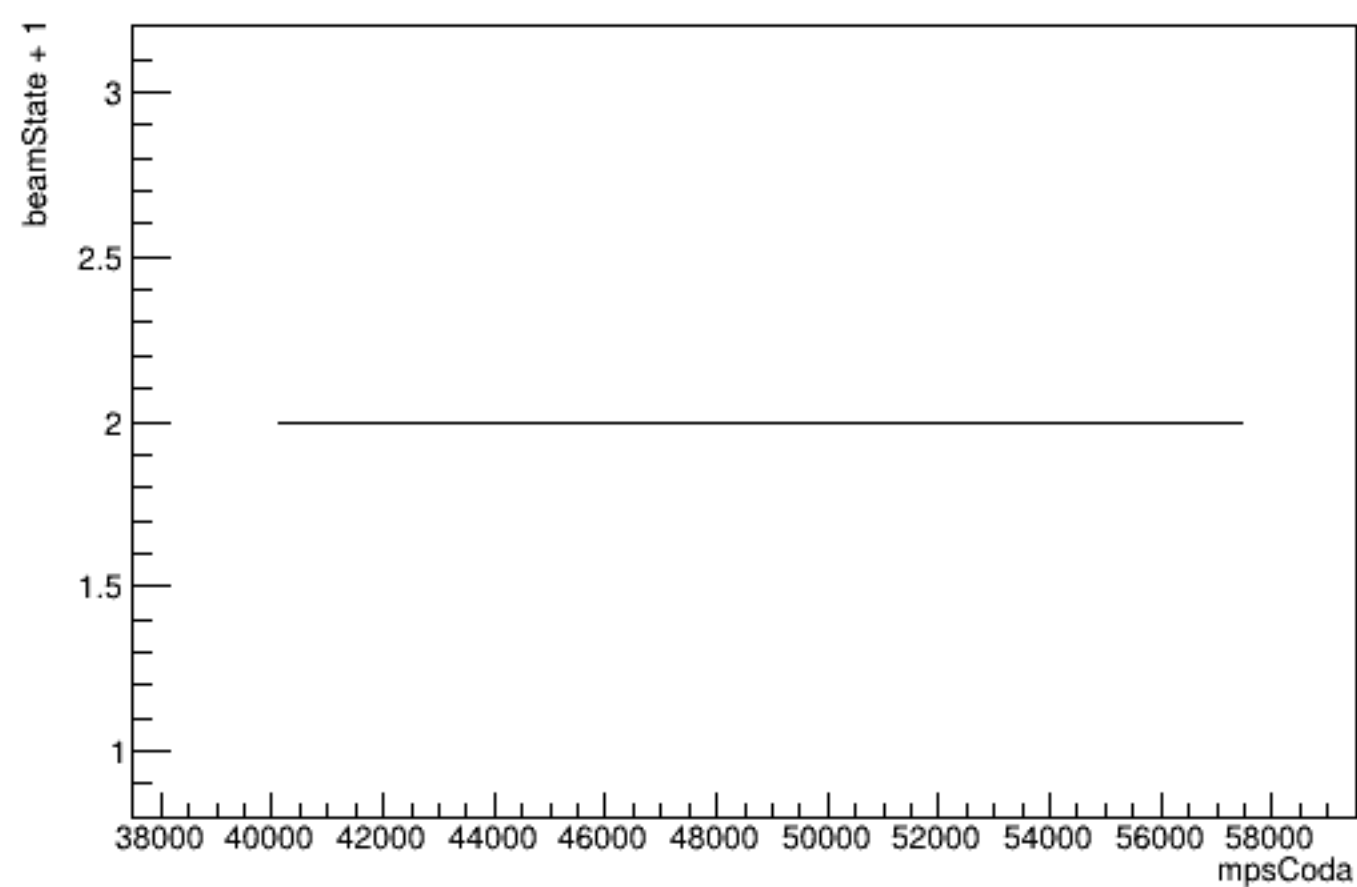
Acc0/NAcc0:mpsCoda {mpsCoda>=40120 && mpsCoda<=57459 && beamState==1}



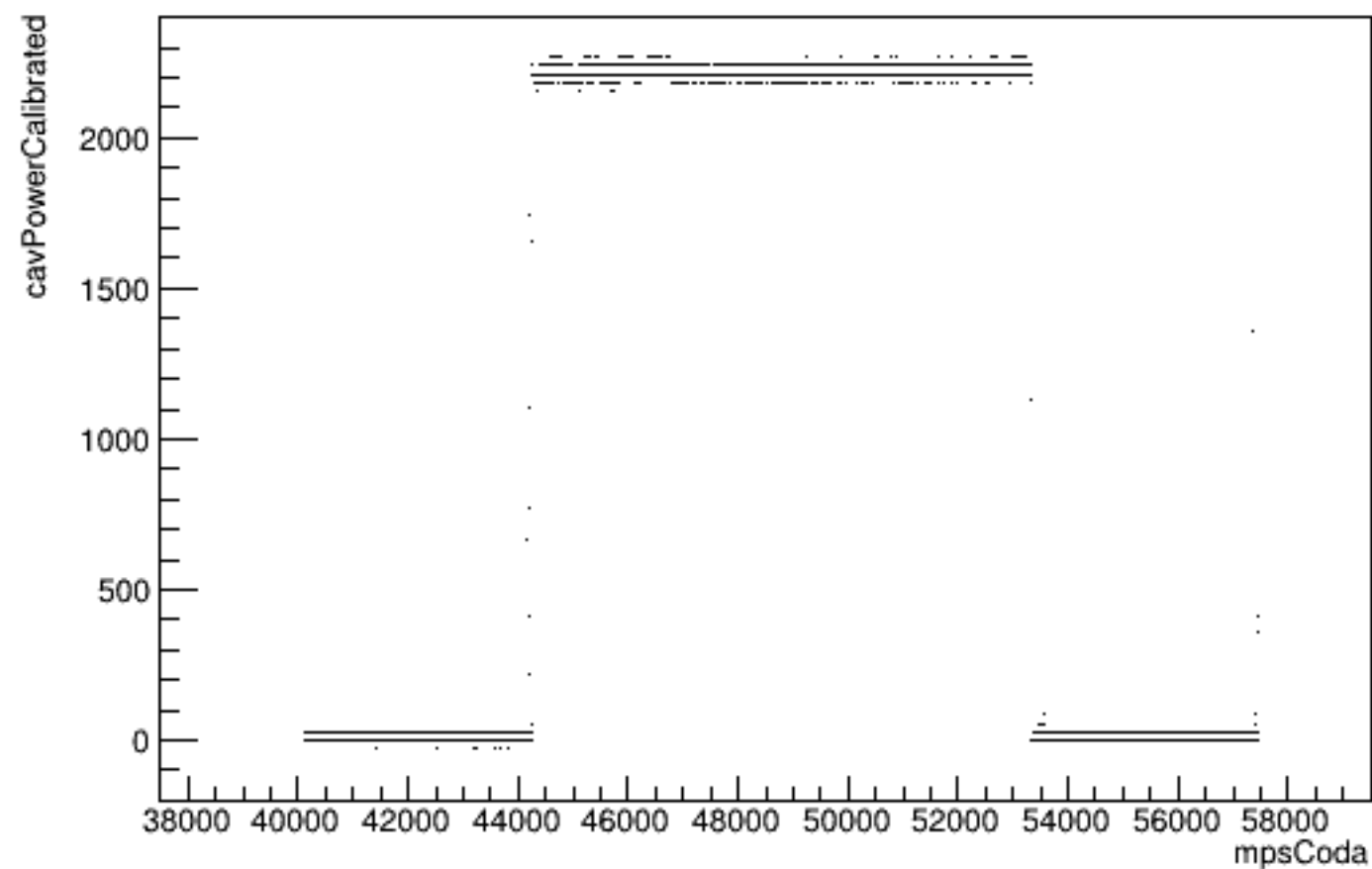
laserState:mpsCoda {mpsCoda>=40120 && mpsCoda<=57459}



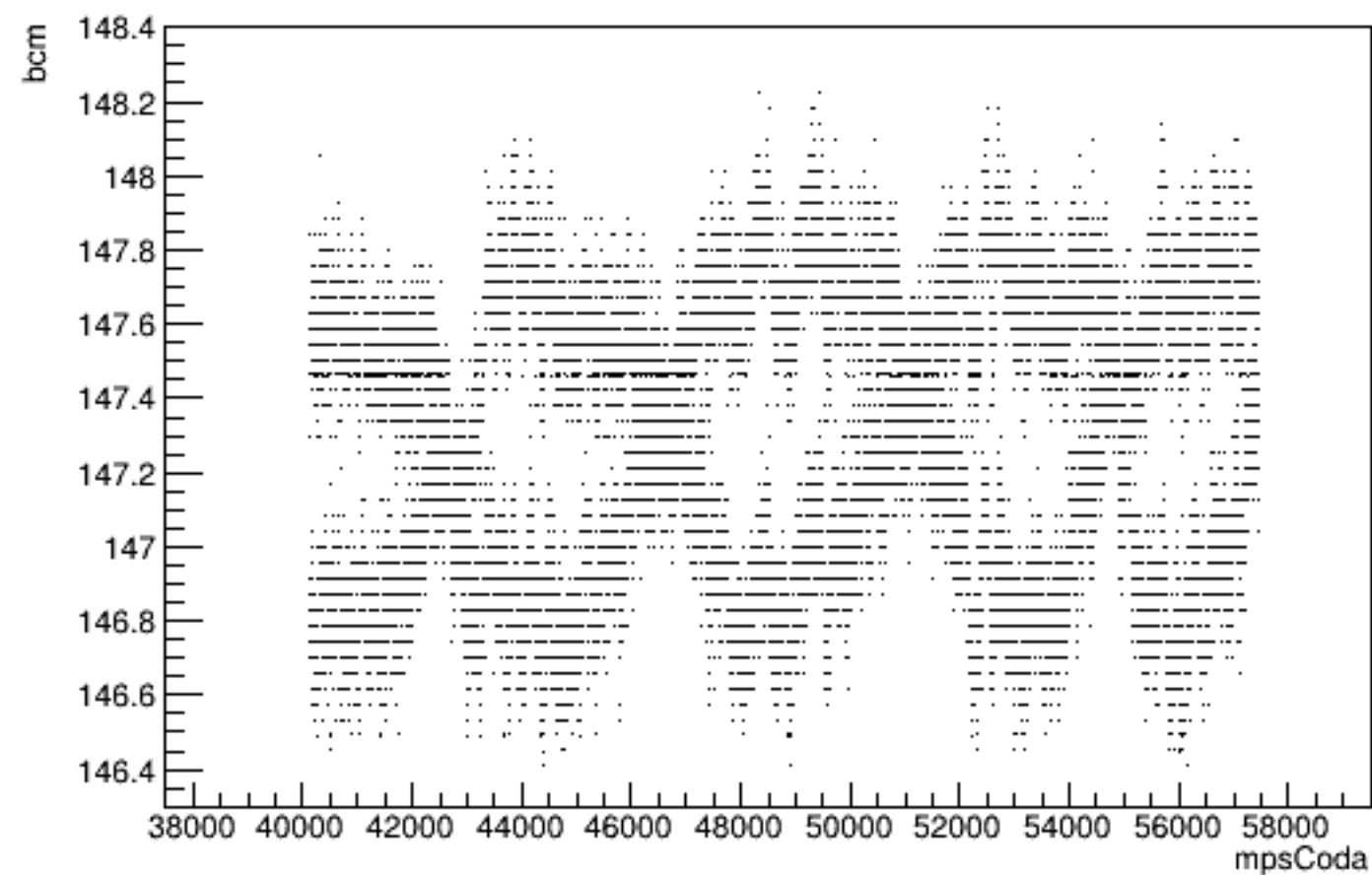
beamState + 1:mpsCoda {mpsCoda>=40120 && mpsCoda<=57459}



cavPowerCalibrated:mpsCoda {mpsCoda>=40120 && mpsCoda<=57459}



bcm:mpsCoda {mpsCoda>=40120 && mpsCoda<=57459}



Cycle 4, Diffs

Entries: 805

Mean: 0.0030 +/- 0.0022

Std Dev: 0.0621 +/- 0.0015

Entries: 585

Mean: -0.0007 +/- 0.0025

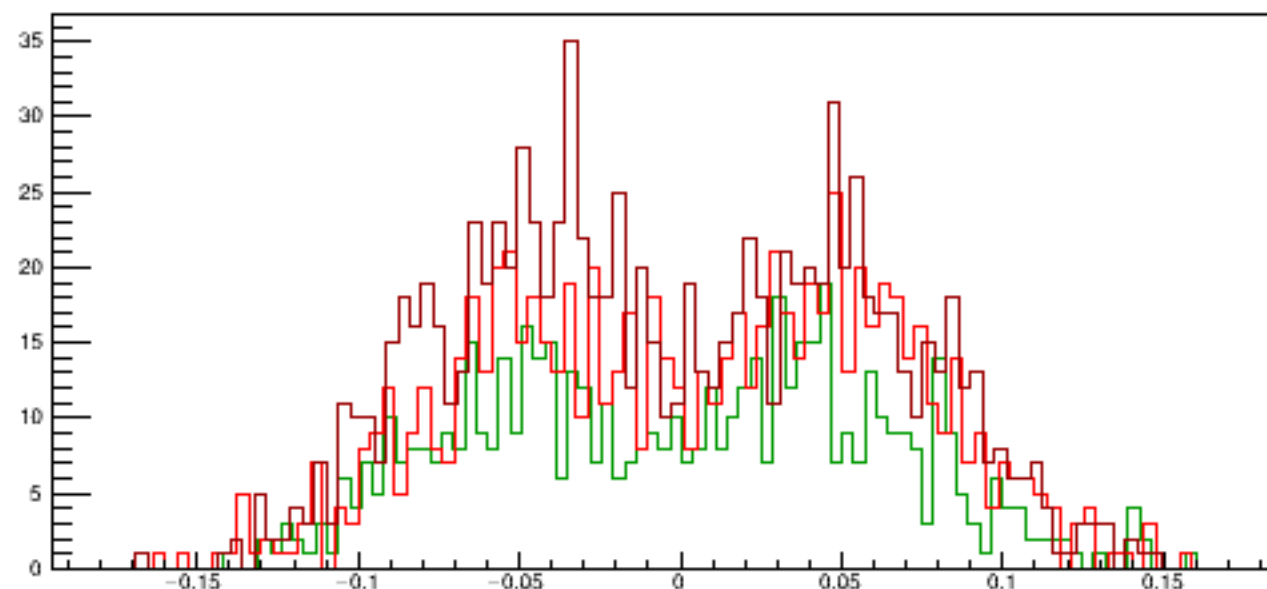
Std Dev: 0.0613 +/- 0.0018

Entries: 1021

Mean: -0.0030 +/- 0.0019

Std Dev: 0.0619 +/- 0.0014

Run 5090 quartetwise, Diffs



Cycle 4, Sums

Entries: 805

Mean: 6.5335 +/- 0.0042

Std Dev: 0.1204 +/- 0.0030

Entries: 585

Mean: 6.8748 +/- 0.0052

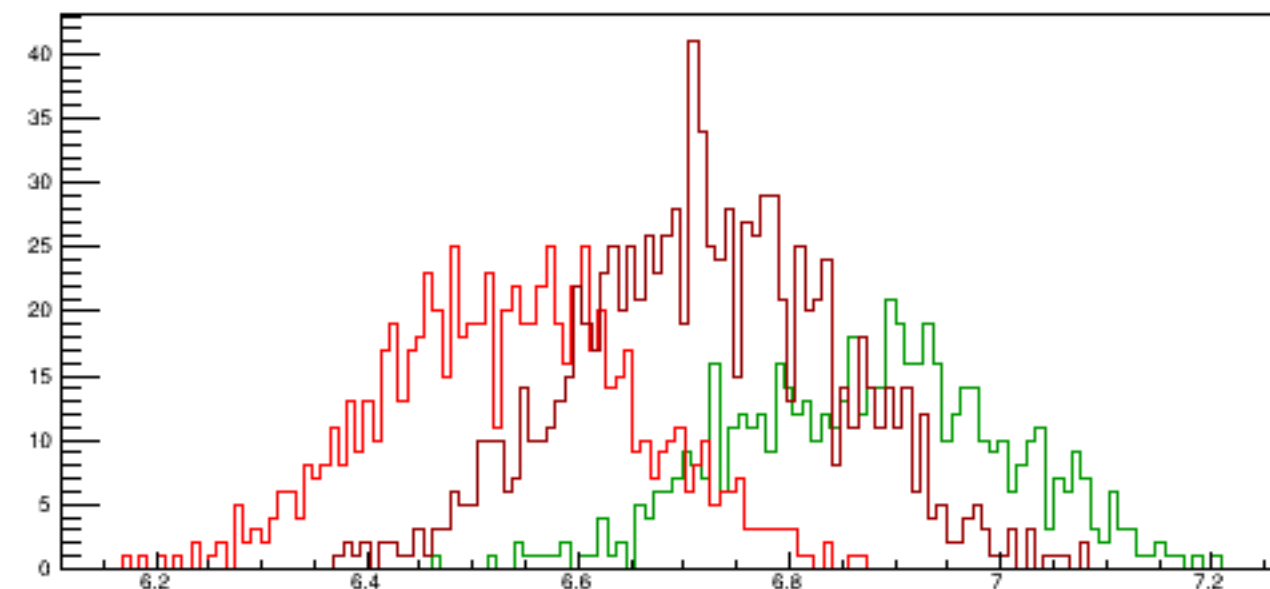
Std Dev: 0.1270 +/- 0.0037

Entries: 1021

Mean: 6.7212 +/- 0.0039

Std Dev: 0.1235 +/- 0.0027

Run 5090 quartetwise, Sums



Cycle 4, Asyms

Entries: 805

Mean: 0.0121 +/- 0.0088

Std Dev: 0.2507 +/- 0.0062

Entries: 585

Mean: 0.0193 +/- 0.2110

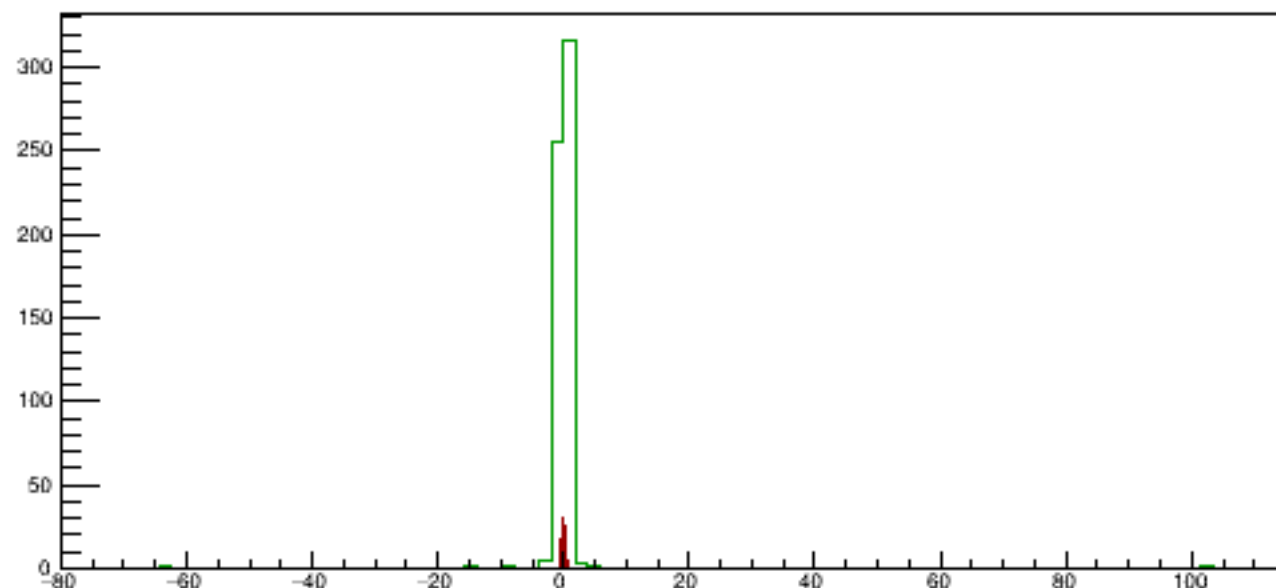
Std Dev: 5.1042 +/- 0.1492

Entries: 1021

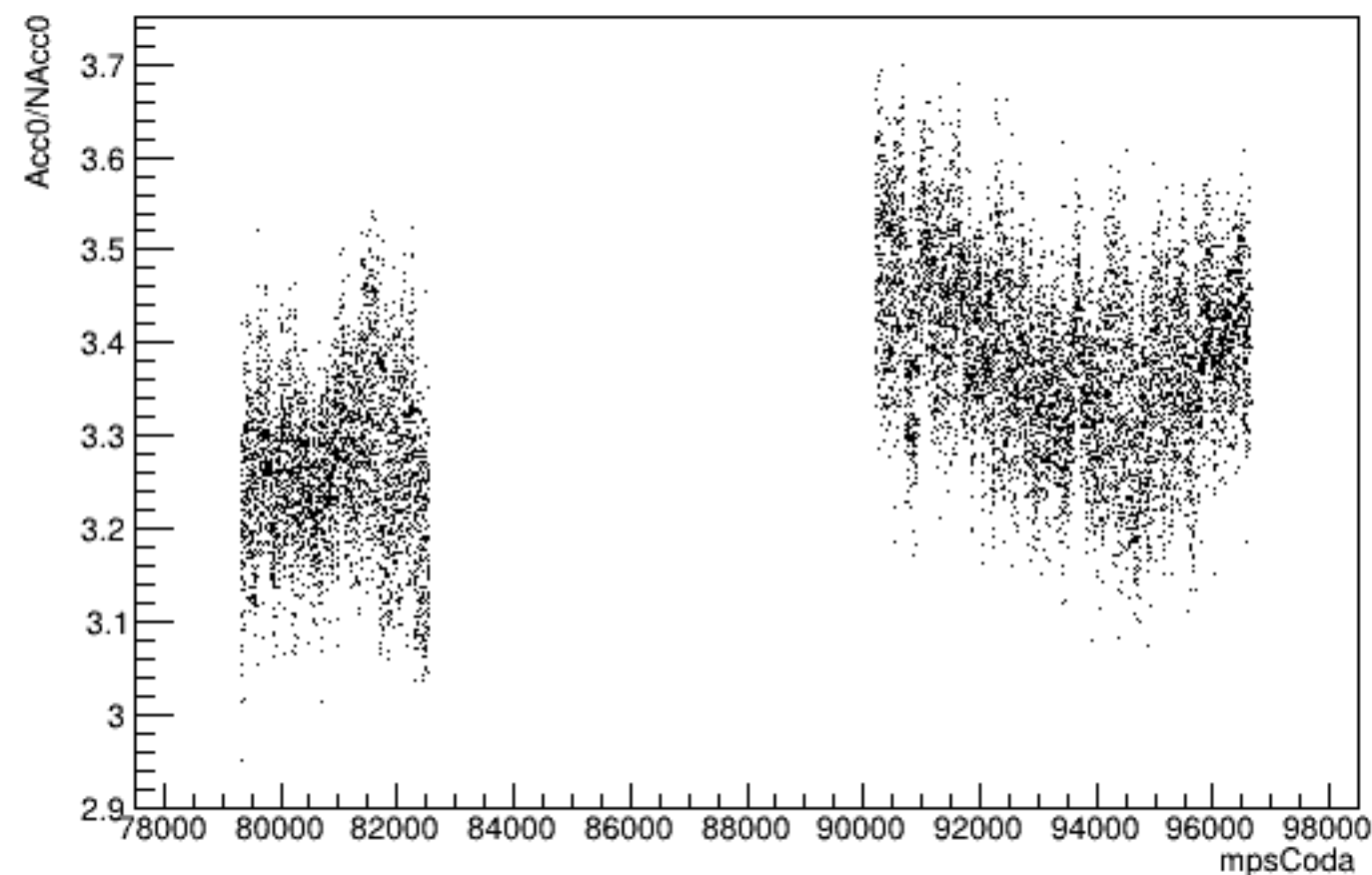
Mean: -0.0123 +/- 0.0078

Std Dev: 0.2501 +/- 0.0055

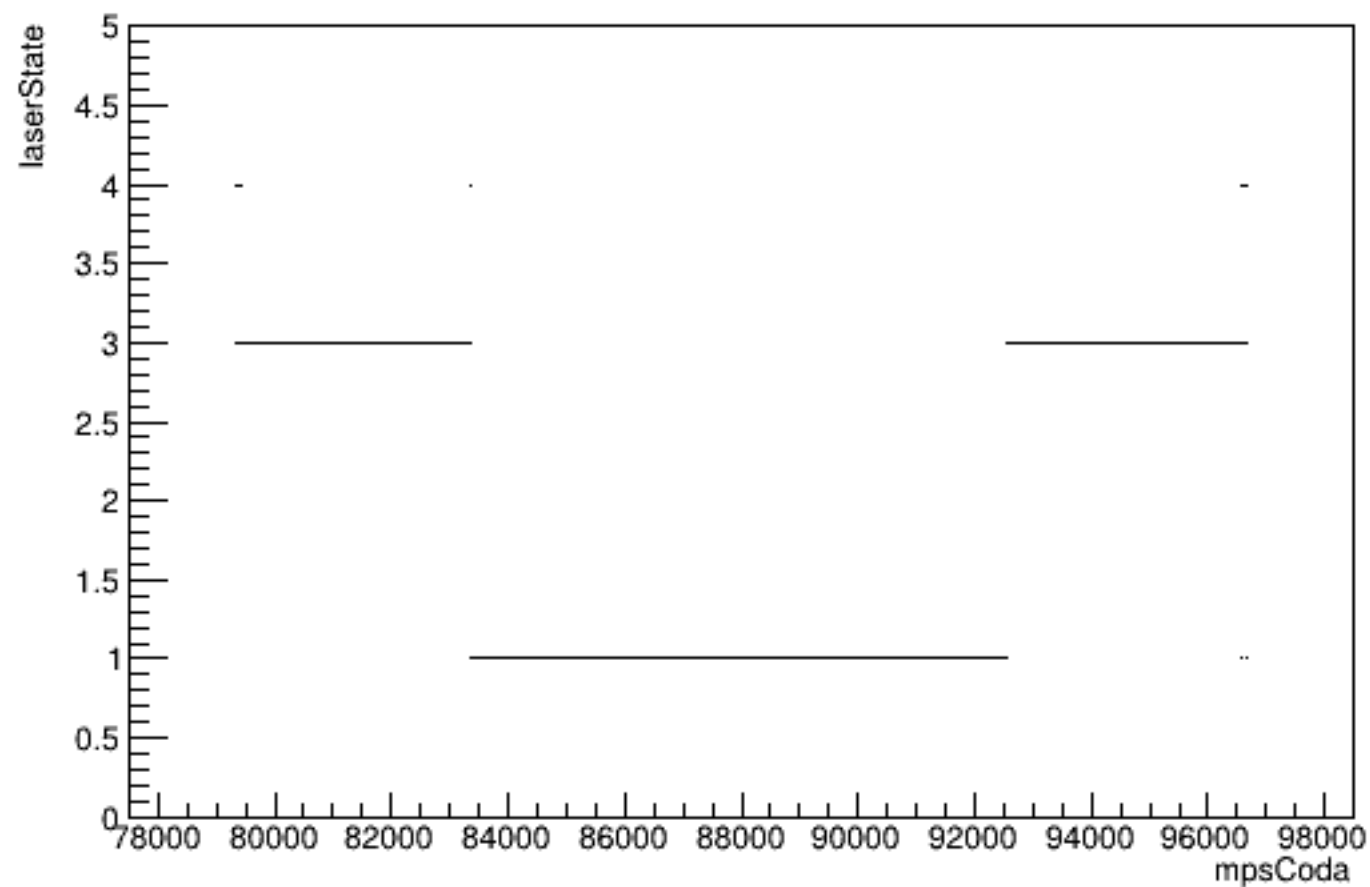
Run 5090 quartetwise, Asyms



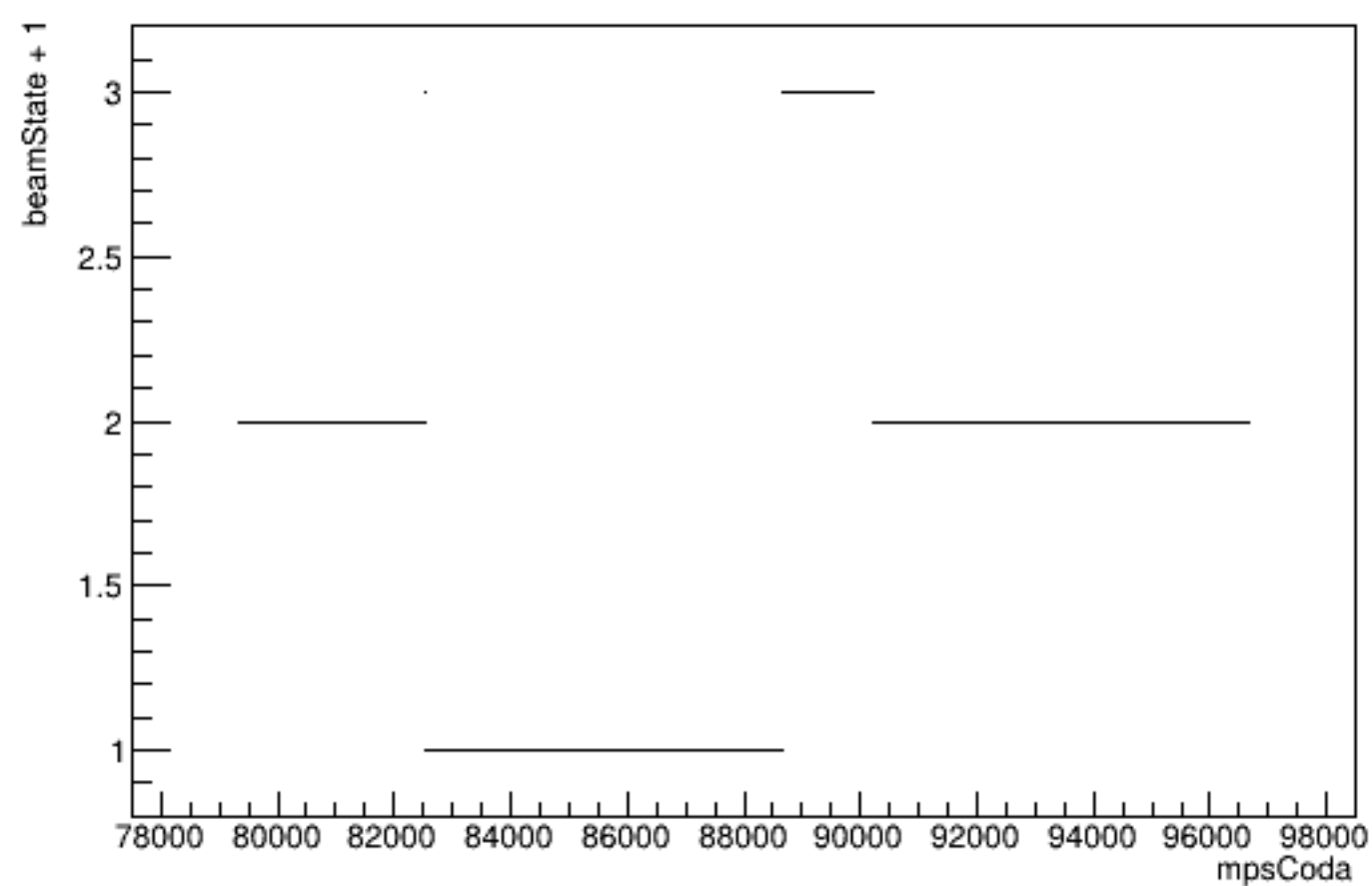
Acc0/NAcc0:mpsCoda {mpsCoda>=79316 && mpsCoda<=96647 && beamState==1}



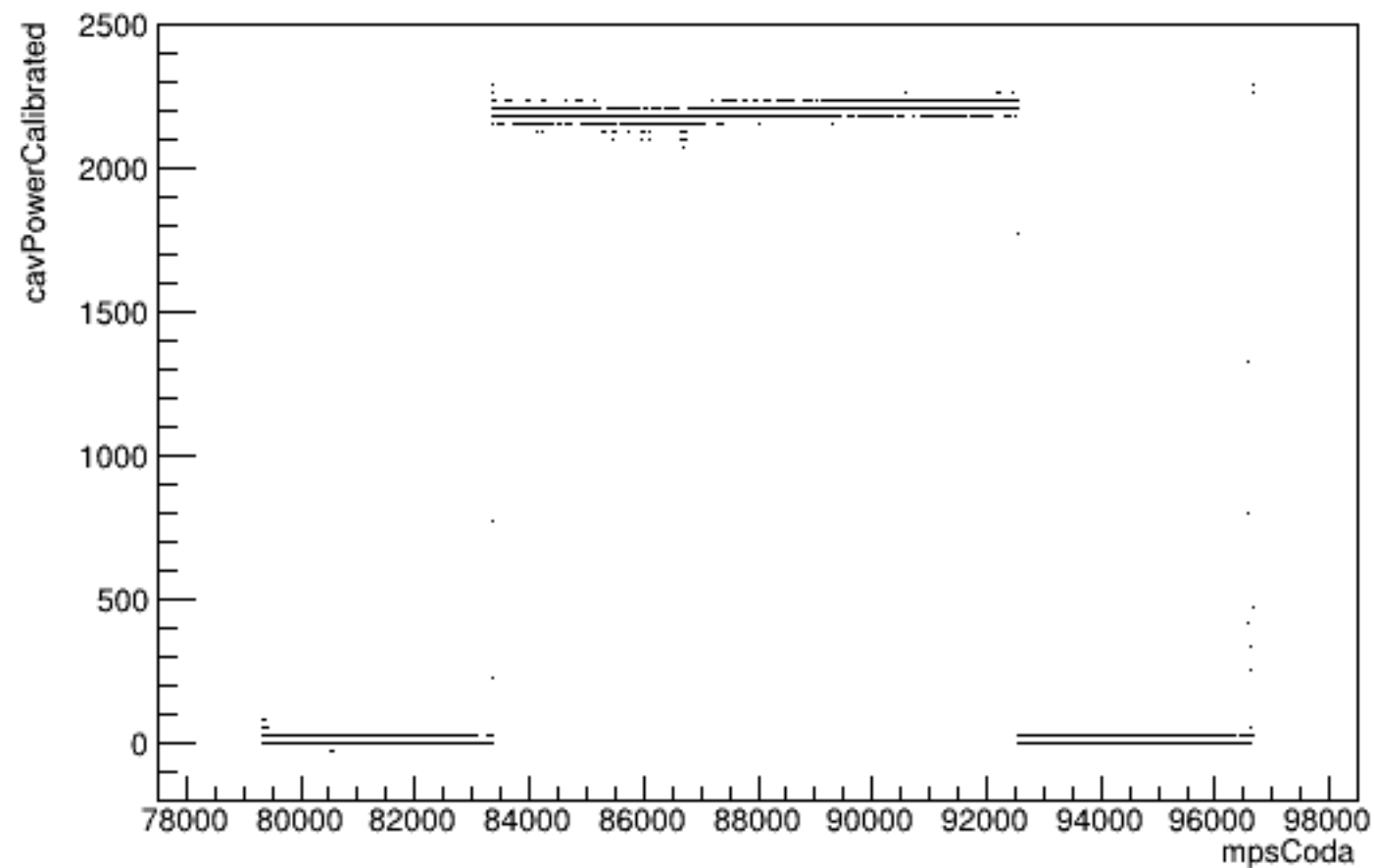
laserState:mpsCoda {mpsCoda>=79316 && mpsCoda<=96647}



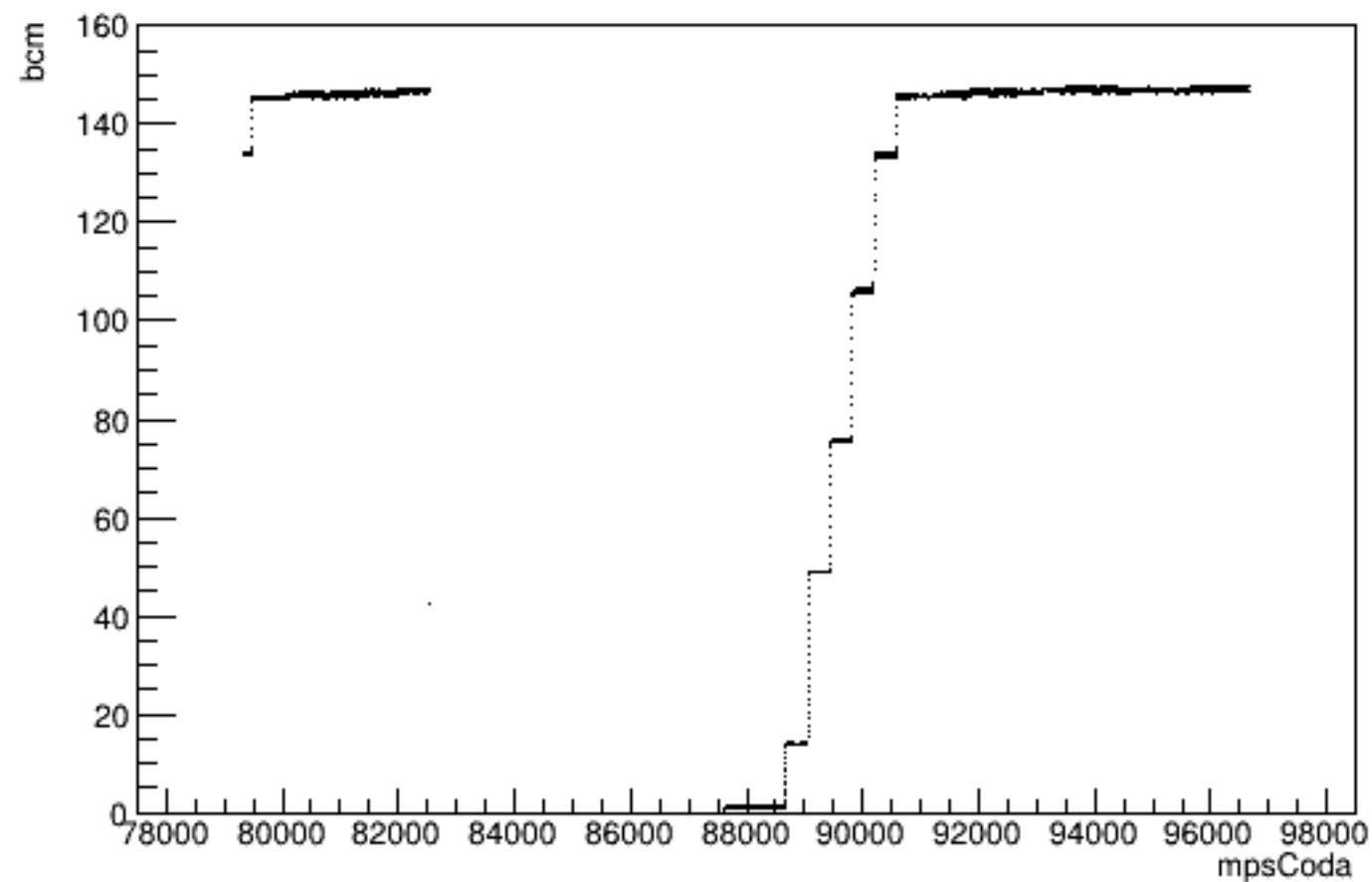
beamState + 1:mpsCoda {mpsCoda>=79316 && mpsCoda<=96647}



cavPowerCalibrated:mpsCoda {mpsCoda>=79316 && mpsCoda<=96647}



bcm:mpsCoda {mpsCoda>=79316 && mpsCoda<=96647}



Cycle 5, Diffs

Entries: 1021

Mean: -0.0030 +/- 0.0019

Std Dev: 0.0619 +/- 0.0014

Entries: 543

Mean: 0.0056 +/- 0.0027

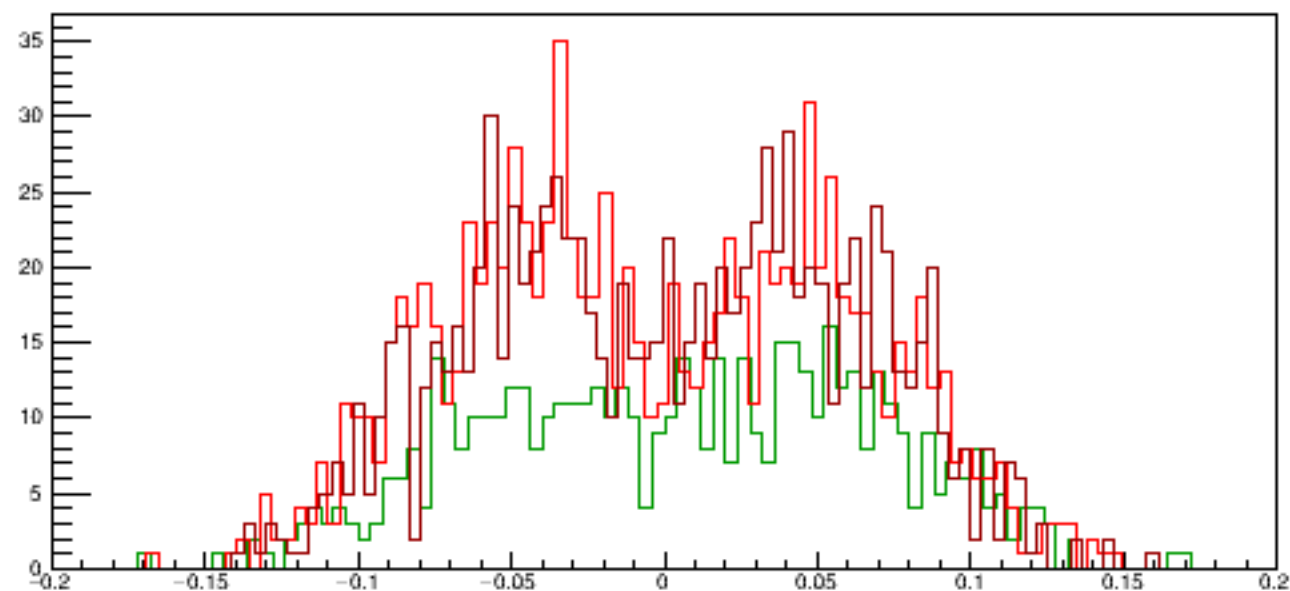
Std Dev: 0.0628 +/- 0.0019

Entries: 1008

Mean: 0.0012 +/- 0.0019

Std Dev: 0.0598 +/- 0.0013

Run 5090 quartetwise, Diffs



Cycle 5, Sums

Entries: 1021

Mean: 6.7212 +/- 0.0039

Std Dev: 0.1235 +/- 0.0027

Entries: 543

Mean: 6.8215 +/- 0.0056

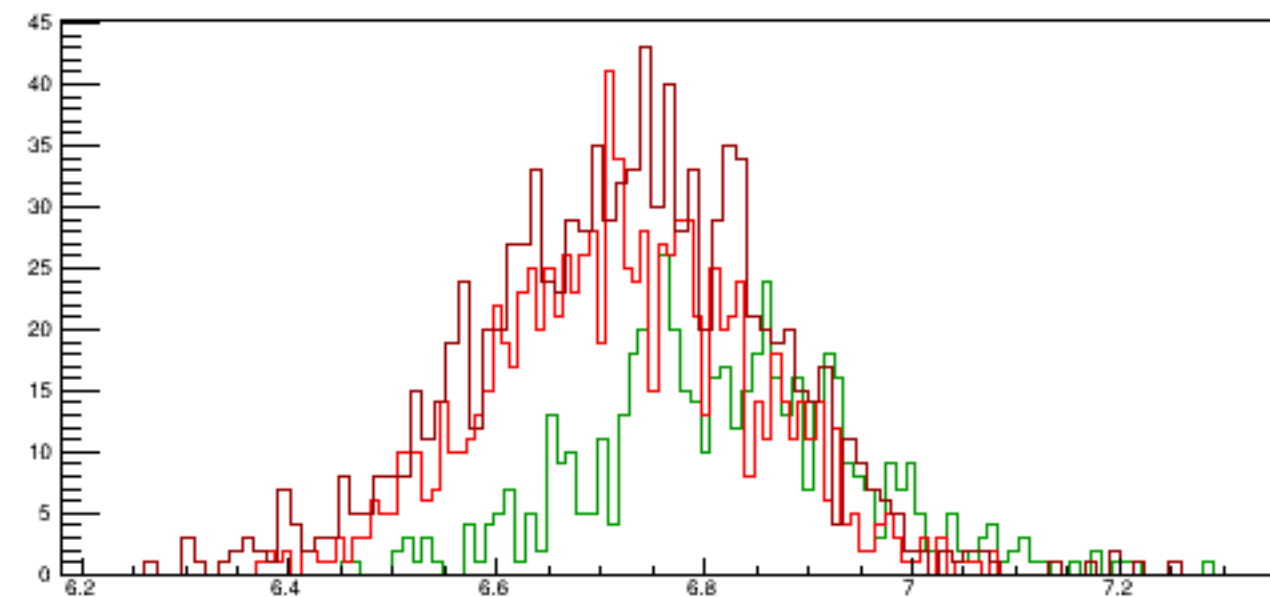
Std Dev: 0.1300 +/- 0.0039

Entries: 1008

Mean: 6.7199 +/- 0.0045

Std Dev: 0.1423 +/- 0.0032

Run 5090 quartetwise, Sums



Cycle 5, Asyms

Entries: 1021

Mean: -0.0301 +/- 0.0192

Std Dev: 0.6128 +/- 0.0136

Entries: 543

Mean: -0.4199 +/- 0.2486

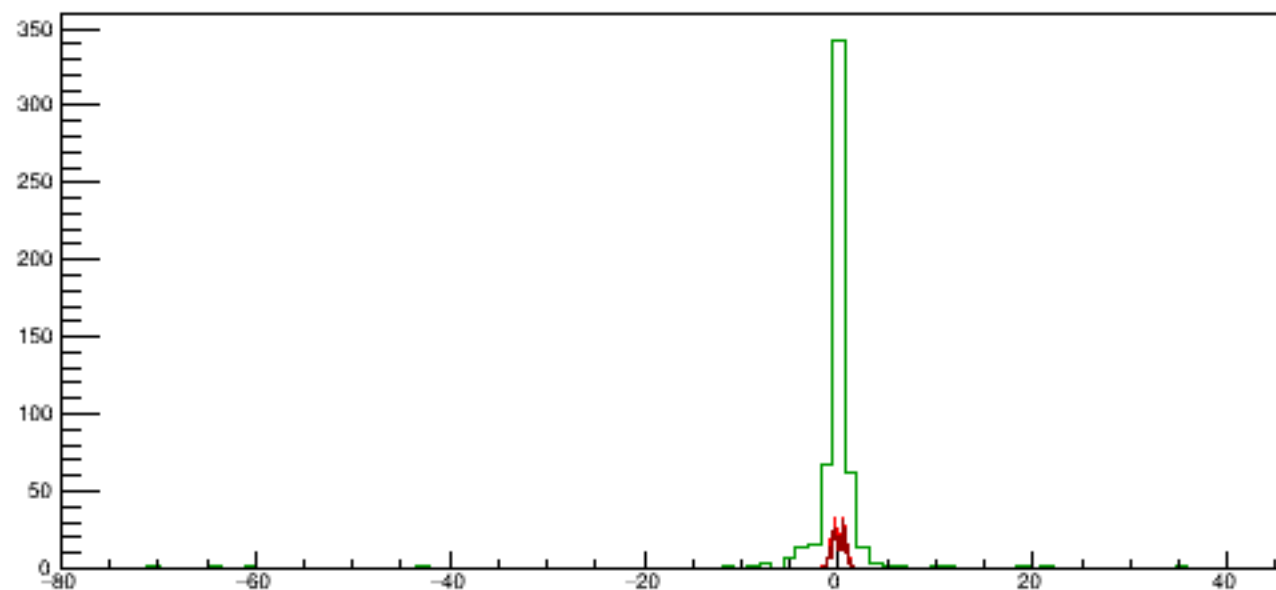
Std Dev: 5.7925 +/- 0.1758

Entries: 1008

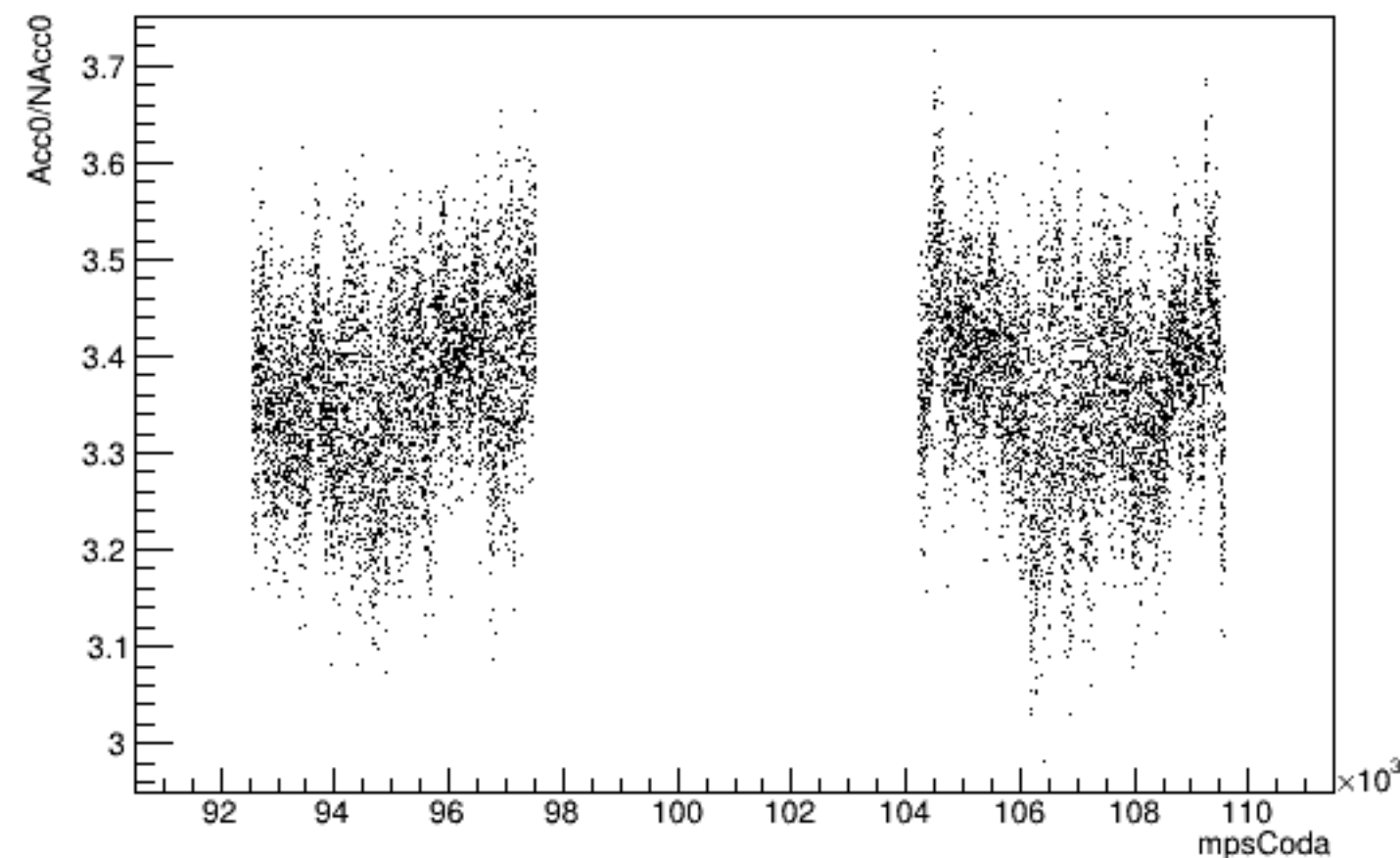
Mean: 0.0115 +/- 0.0186

Std Dev: 0.5919 +/- 0.0132

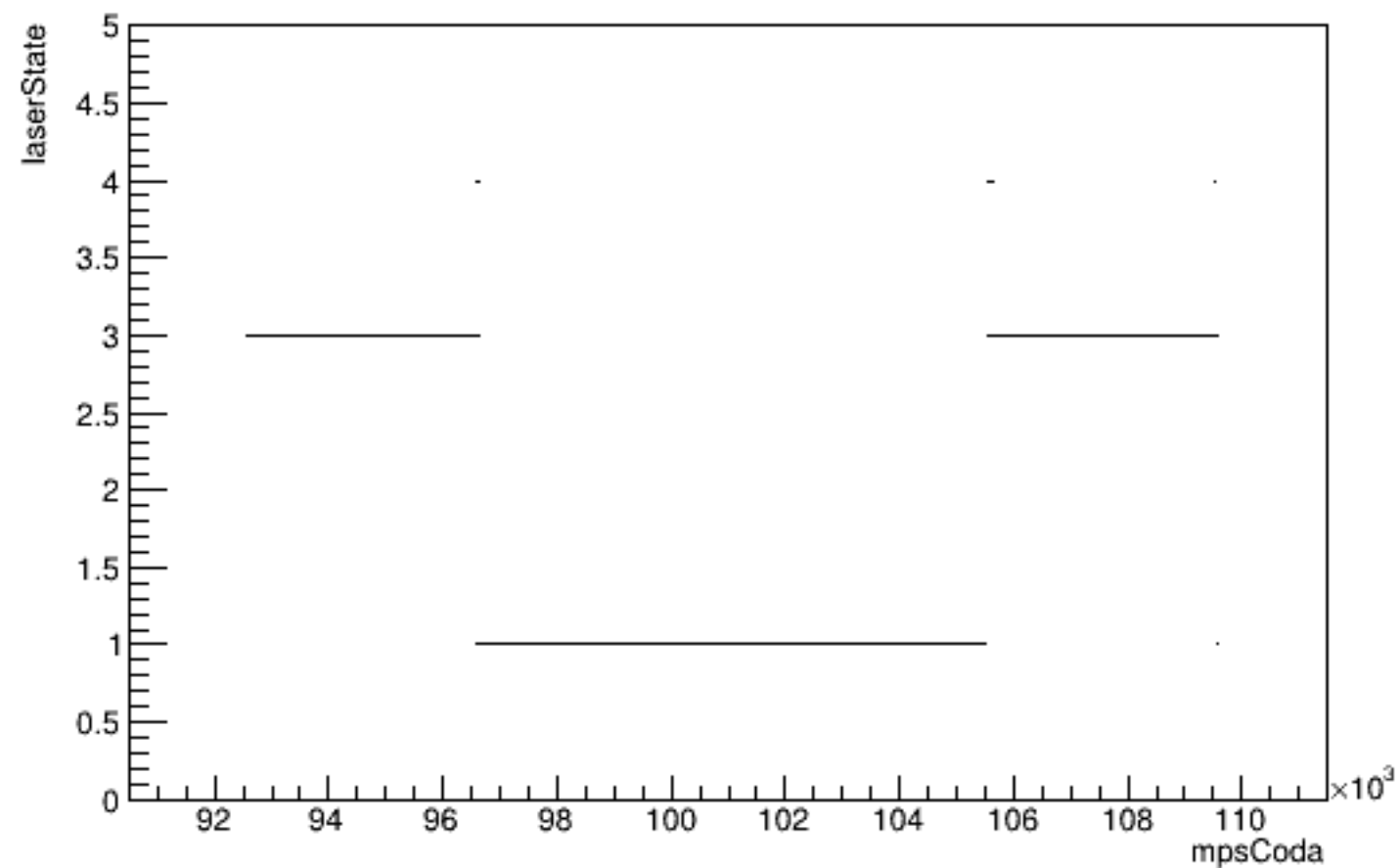
Run 5090 quartetwise, Asyms



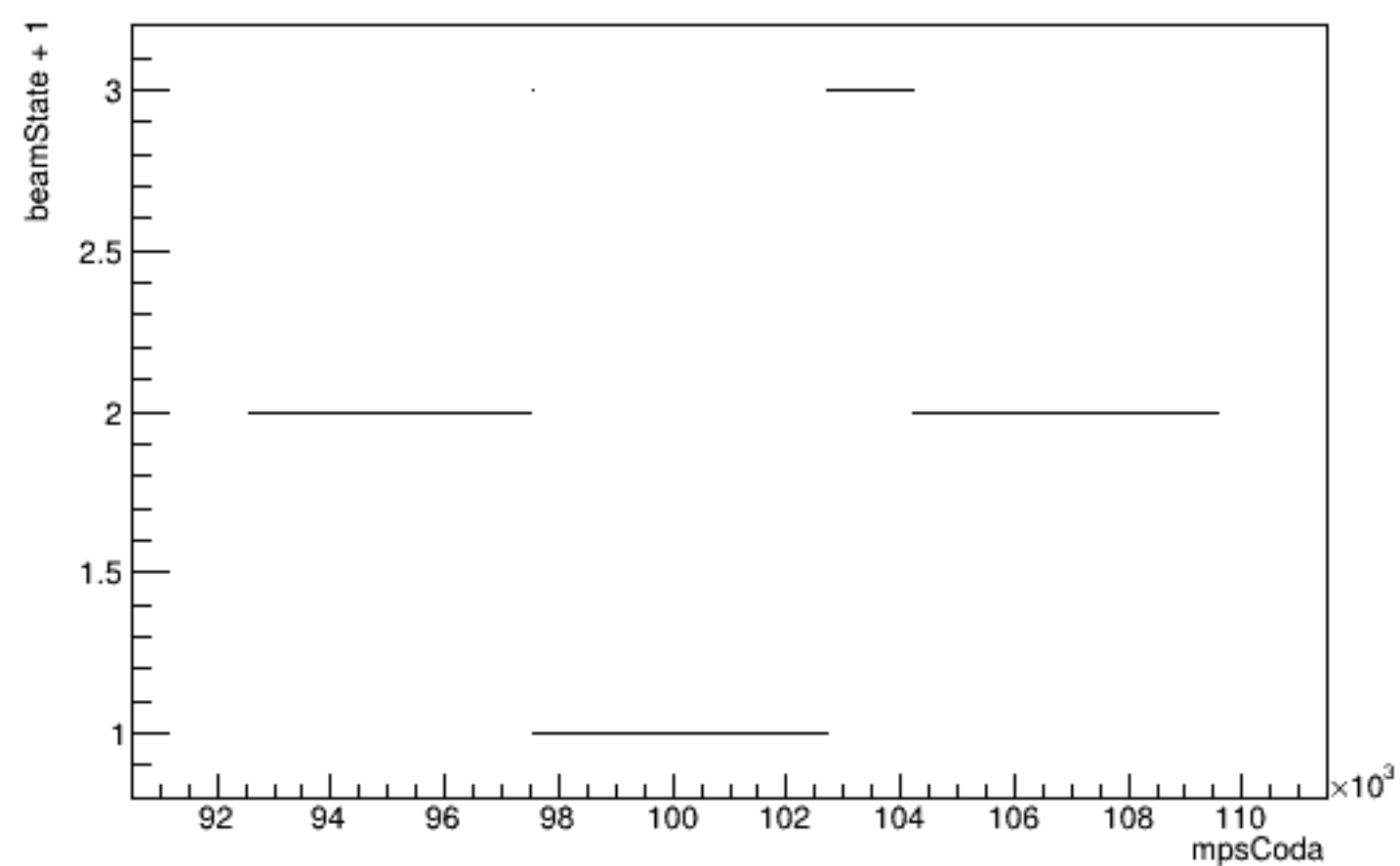
Acc0/NAcc0:mpsCoda {mpsCoda>=92544 && mpsCoda<=109583 && beamState==1}



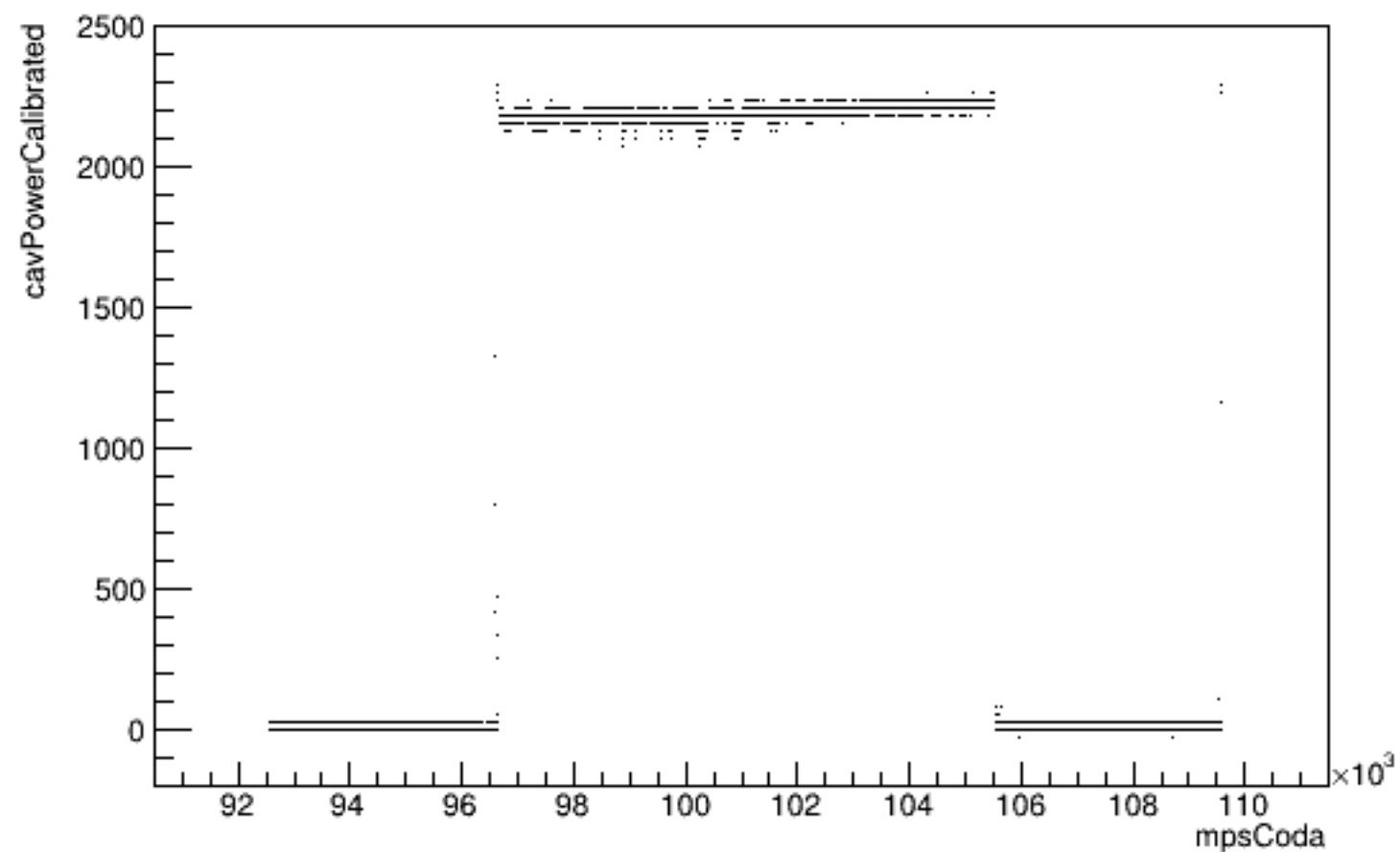
laserState:mpsCoda {mpsCoda>=92544 && mpsCoda<=109583}



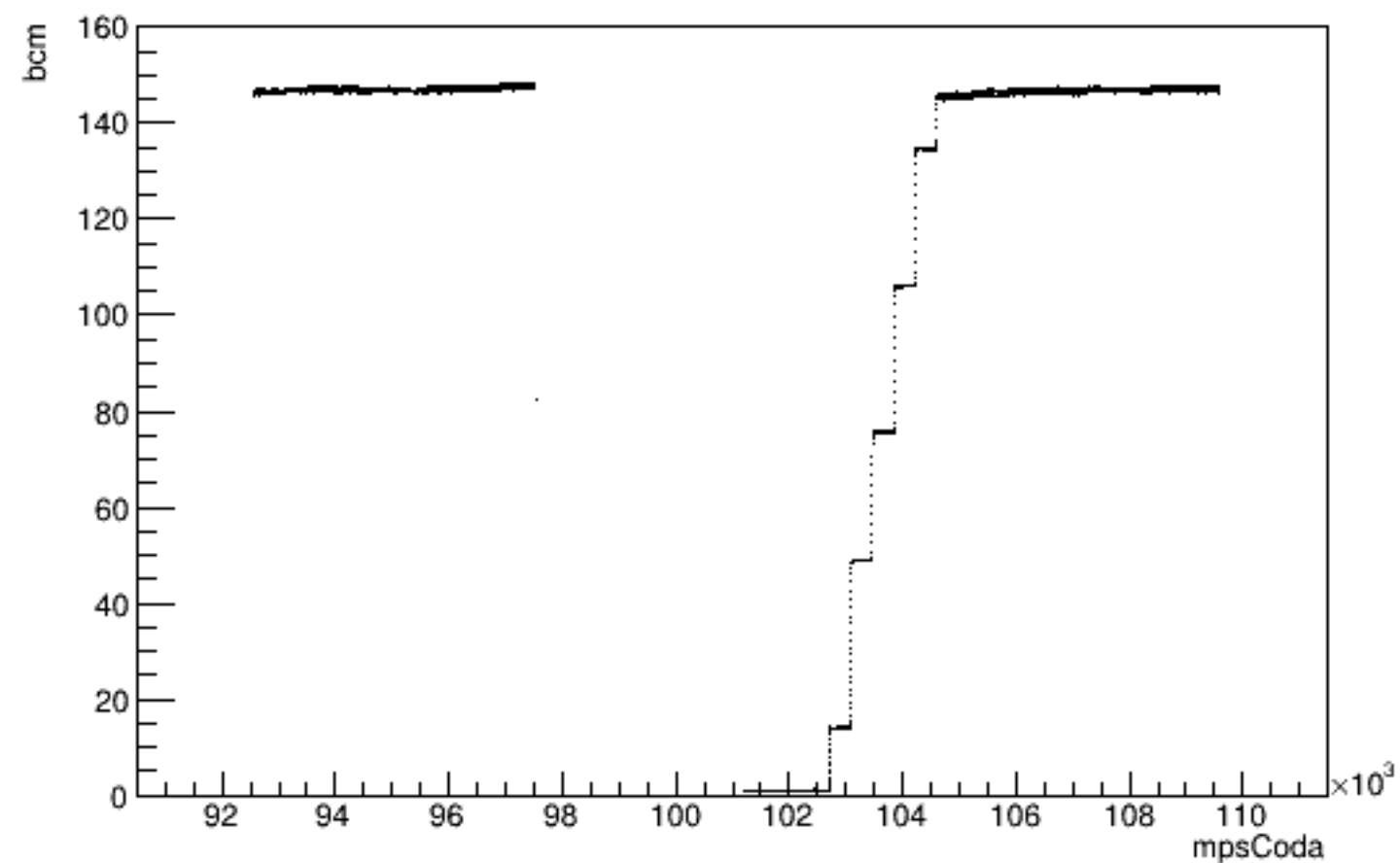
beamState + 1:mpsCoda {mpsCoda>=92544 && mpsCoda<=109583}



cavPowerCalibrated:mpsCoda {mpsCoda>=92544 && mpsCoda<=109583}



bcm:mpsCoda {mpsCoda>=92544 && mpsCoda<=109583}



Cycle 6, Diffs

Entries: 1008

Mean: 0.0012 +/- 0.0019

Std Dev: 0.0598 +/- 0.0013

Entries: 871

Mean: -0.0012 +/- 0.0021

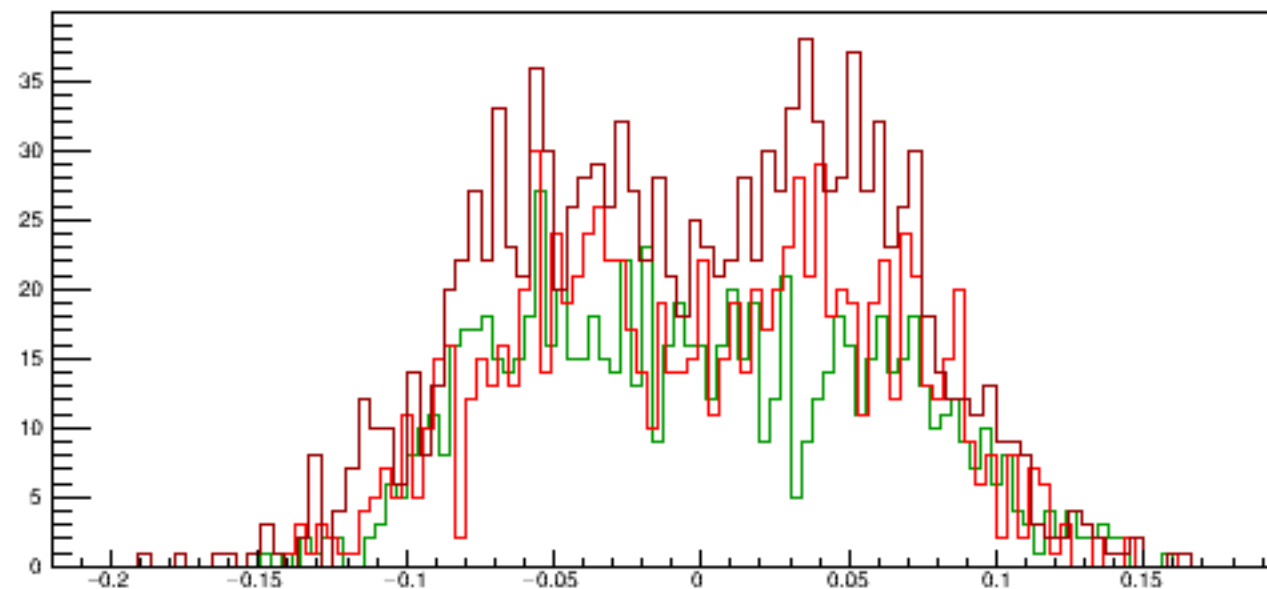
Std Dev: 0.0616 +/- 0.0015

Entries: 1273

Mean: -0.0023 +/- 0.0017

Std Dev: 0.0620 +/- 0.0012

Run 5090 quartetwise, Diffs



Cycle 6, Sums

Entries: 1008

Mean: 6.7199 +/- 0.0045

Std Dev: 0.1423 +/- 0.0032

Entries: 871

Mean: 6.5674 +/- 0.0045

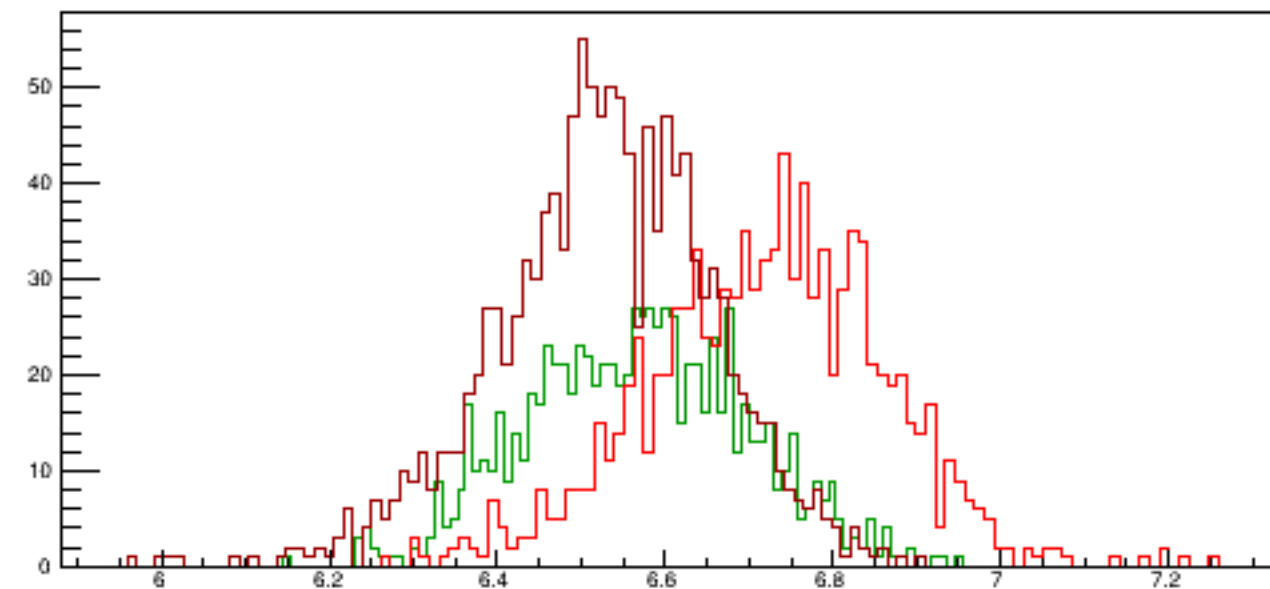
Std Dev: 0.1314 +/- 0.0031

Entries: 1273

Mean: 6.5273 +/- 0.0036

Std Dev: 0.1297 +/- 0.0026

Run 5090 quartetwise, Sums



Cycle 6, Asyms

Entries: 1008

Mean: -0.0207 +/- 0.0335

Std Dev: 1.0639 +/- 0.0237

Entries: 871

Mean: -0.5609 +/- 0.3289

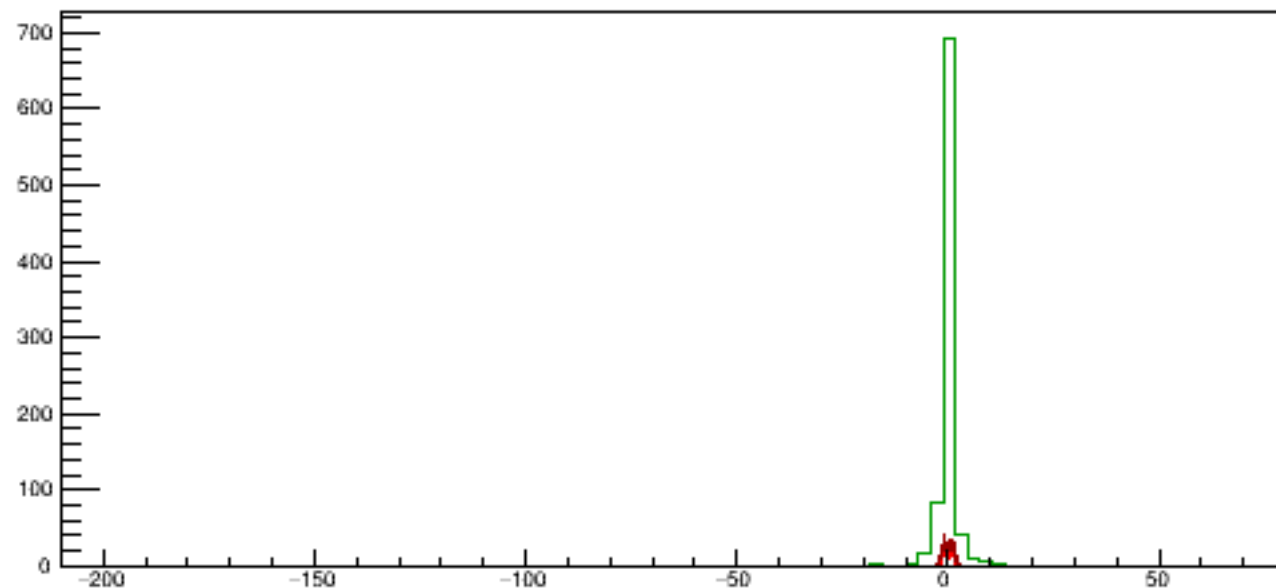
Std Dev: 9.7054 +/- 0.2325

Entries: 1273

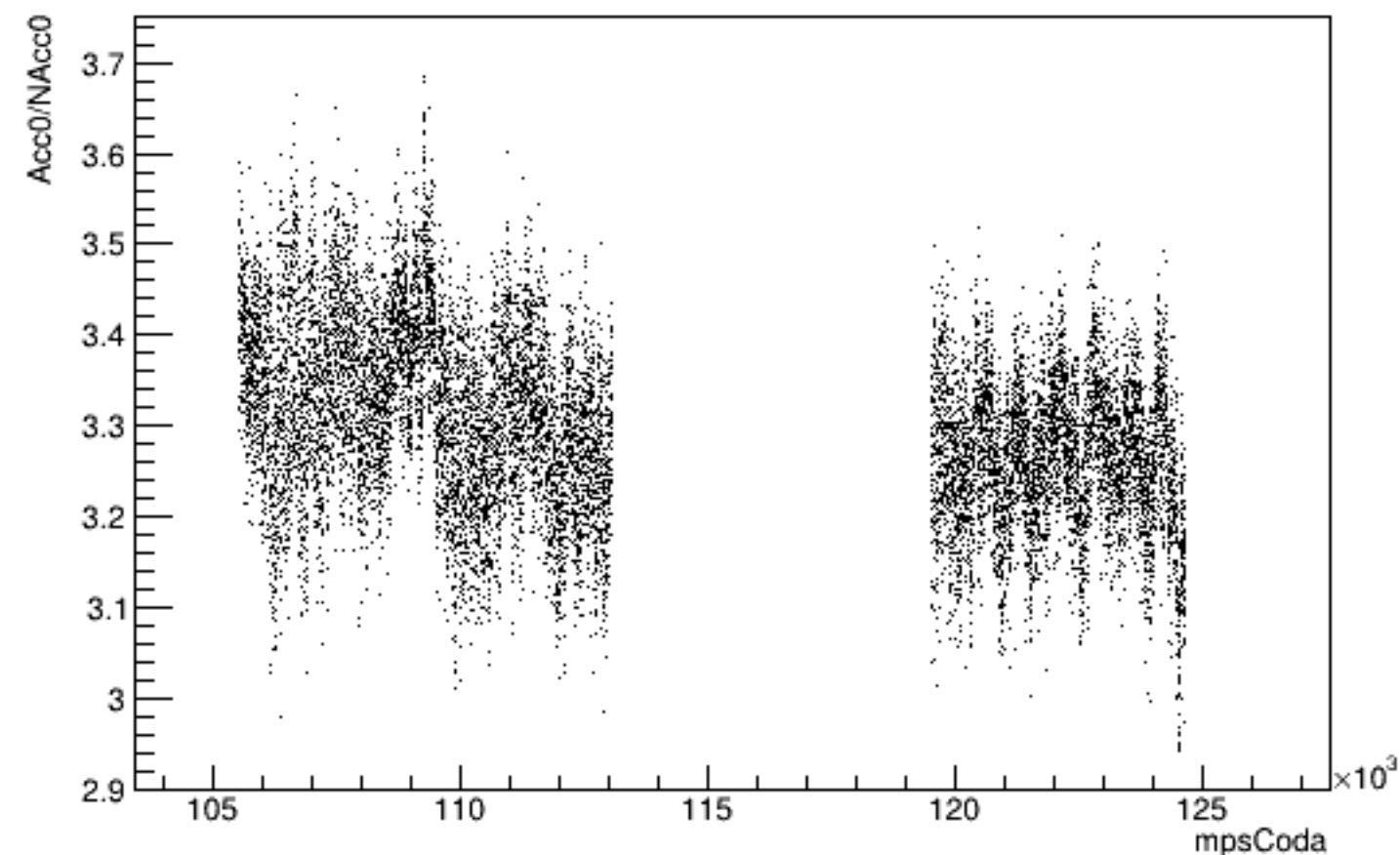
Mean: 0.0402 +/- 0.0309

Std Dev: 1.1039 +/- 0.0219

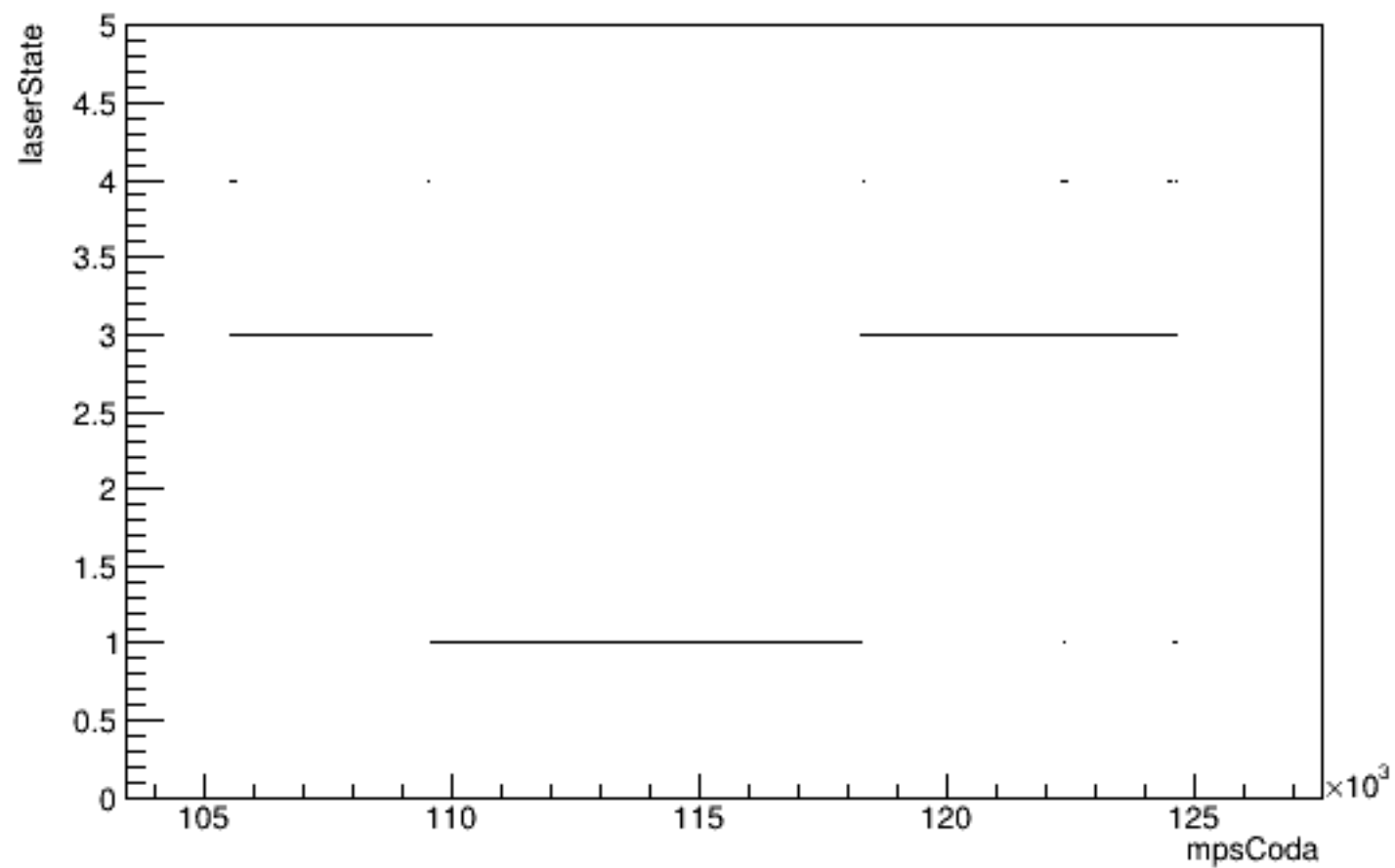
Run 5090 quartetwise, Asyms



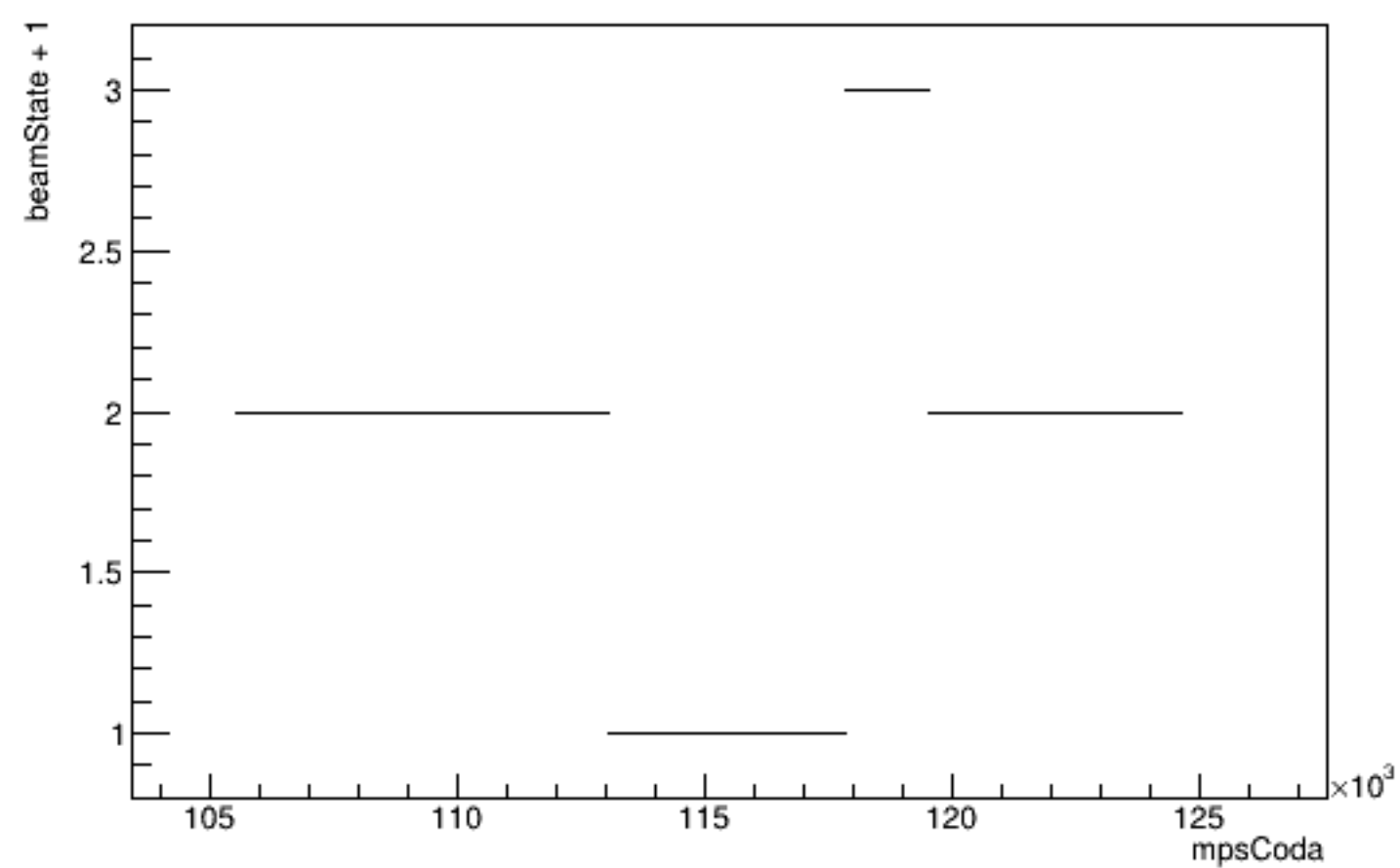
Acc0/NAcc0:mpsCoda (mpsCoda>=105528 && mpsCoda<=124647 && beamState==1)



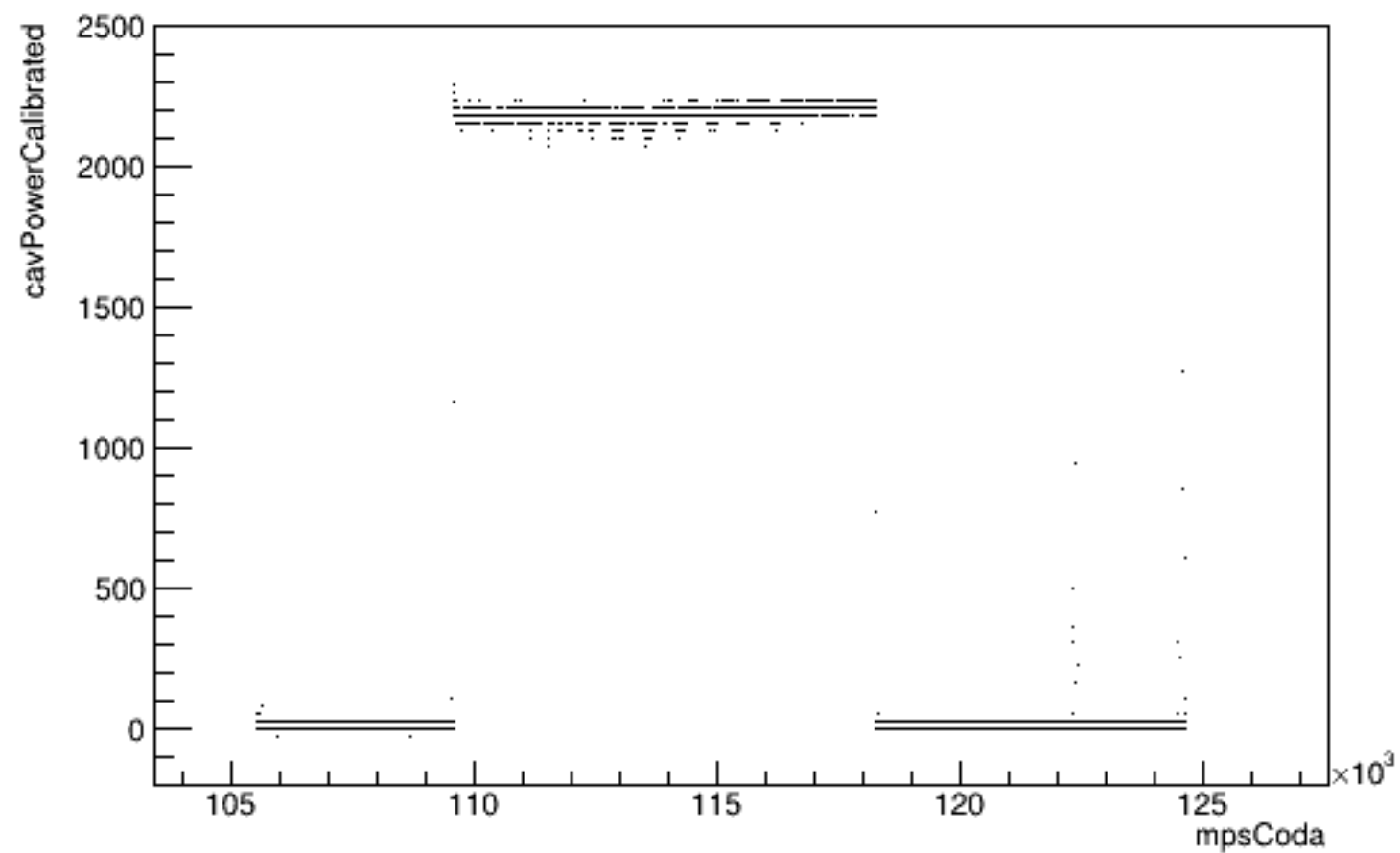
laserState:mpsCoda {mpsCoda>=105528 && mpsCoda<=124647}



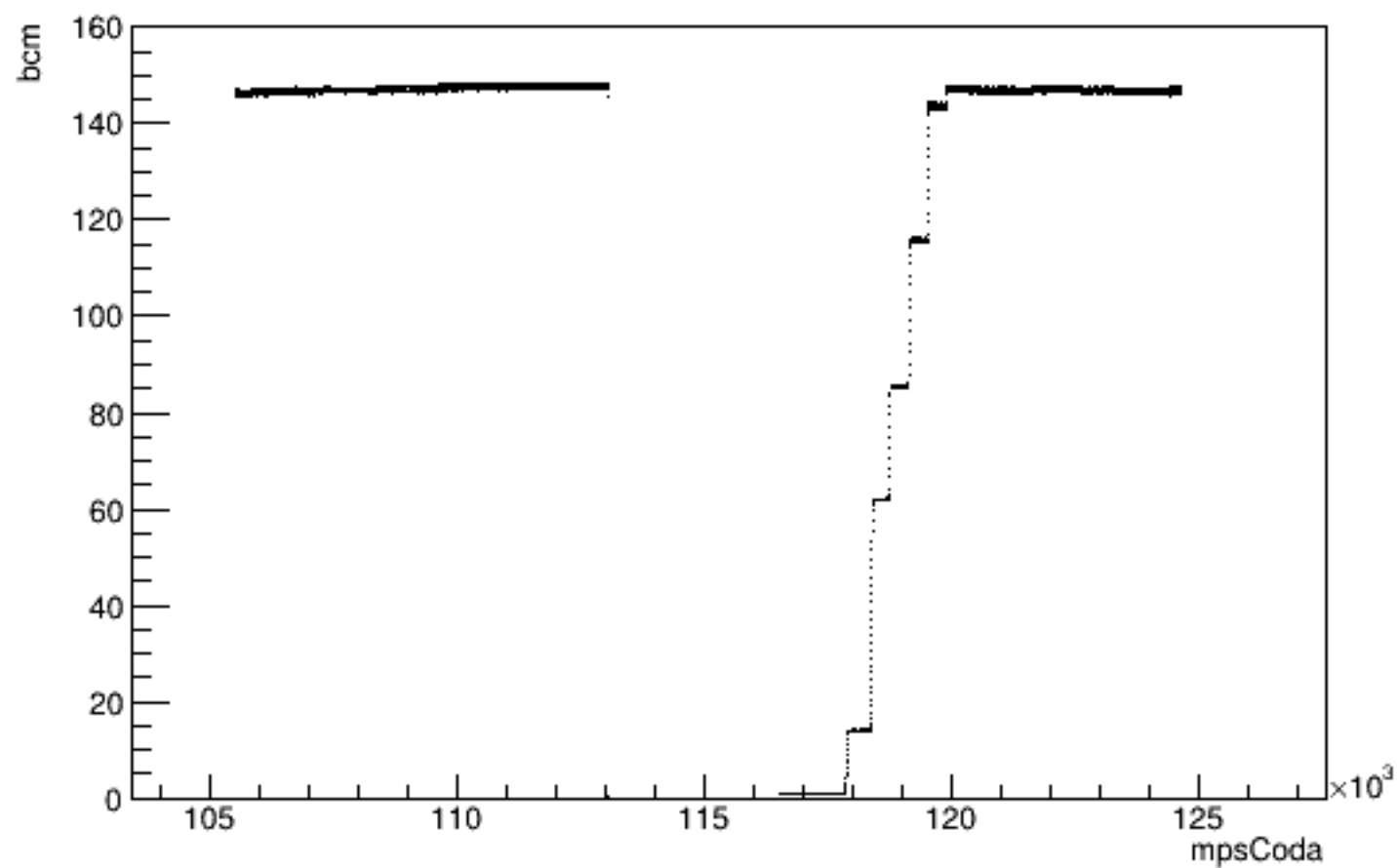
beamState + 1:mpsCoda {mpsCoda>=105528 && mpsCoda<=124647}



cavPowerCalibrated:mpsCoda {mpsCoda>=105528 && mpsCoda<=124647}



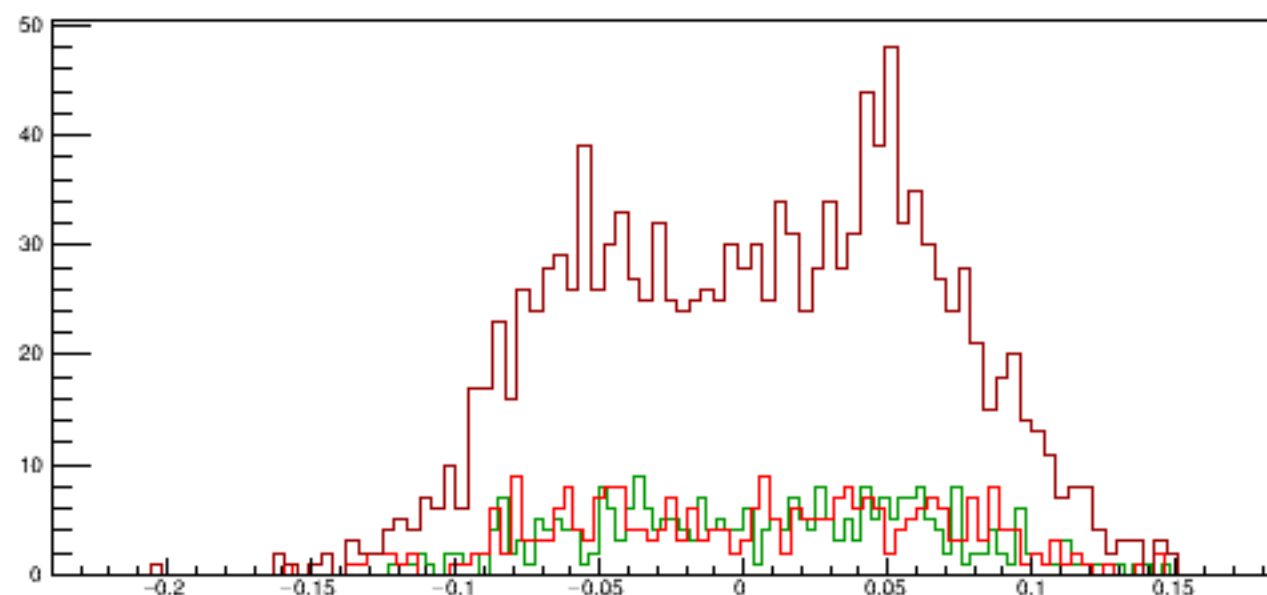
bcm:mpsCoda {mpsCoda>=105528 && mpsCoda<=124647}



Cycle 7, Diffs

Entries: 289	Entries: 300	Entries: 1381
Mean: 0.0031 +/- 0.0038	Mean: 0.0069 +/- 0.0035	Mean: 0.0039 +/- 0.0016
Std Dev: 0.0638 +/- 0.0027	Std Dev: 0.0600 +/- 0.0025	Std Dev: 0.0612 +/- 0.0012

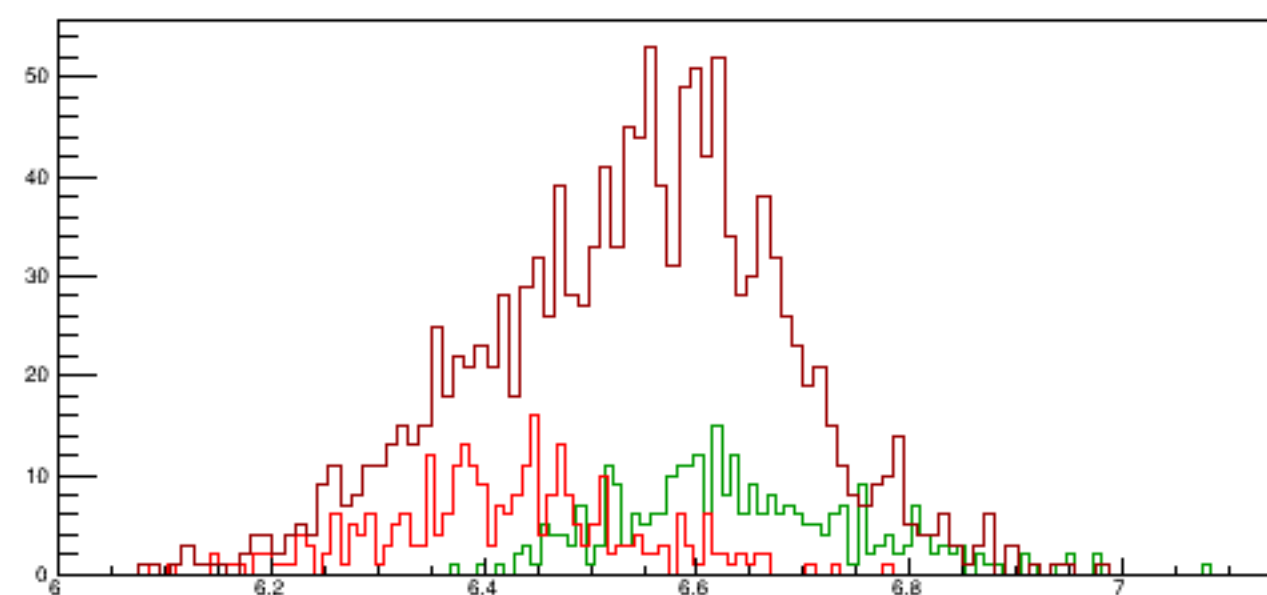
Run 5090 quartetwise, Diffs



Cycle 7, Sums

Entries: 289	Entries: 300	Entries: 1381
Mean: 6.4195 +/- 0.0069	Mean: 6.6417 +/- 0.0069	Mean: 6.5366 +/- 0.0039
Std Dev: 0.1167 +/- 0.0049	Std Dev: 0.1188 +/- 0.0048	Std Dev: 0.1437 +/- 0.0027

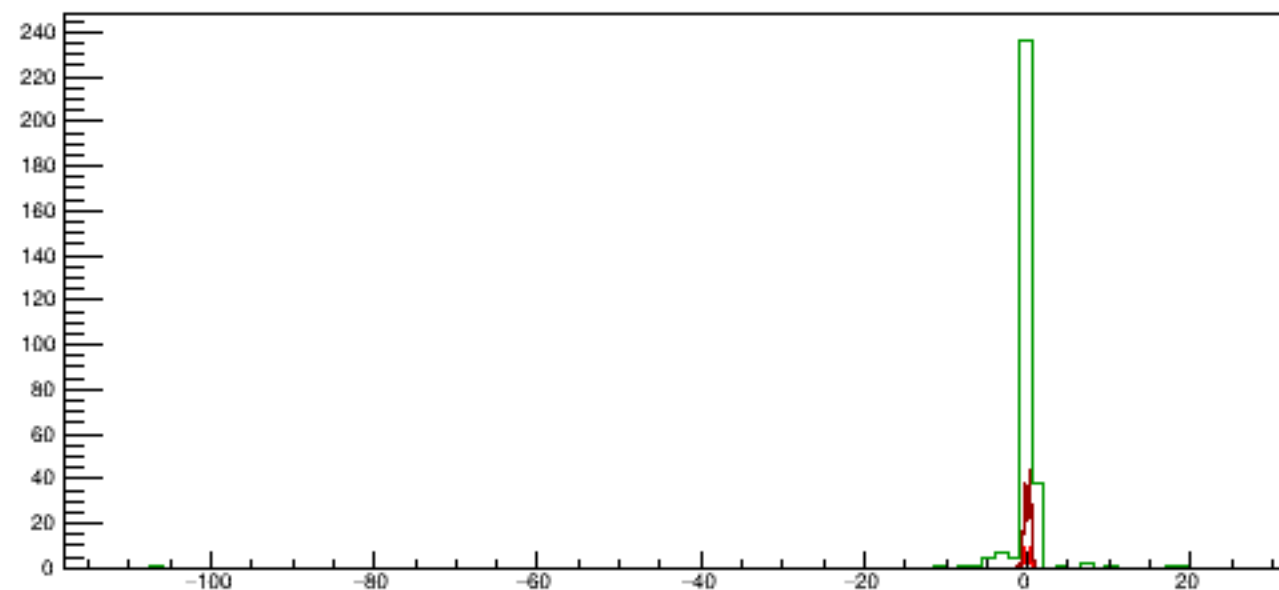
Run 5090 quartetwise, Sums



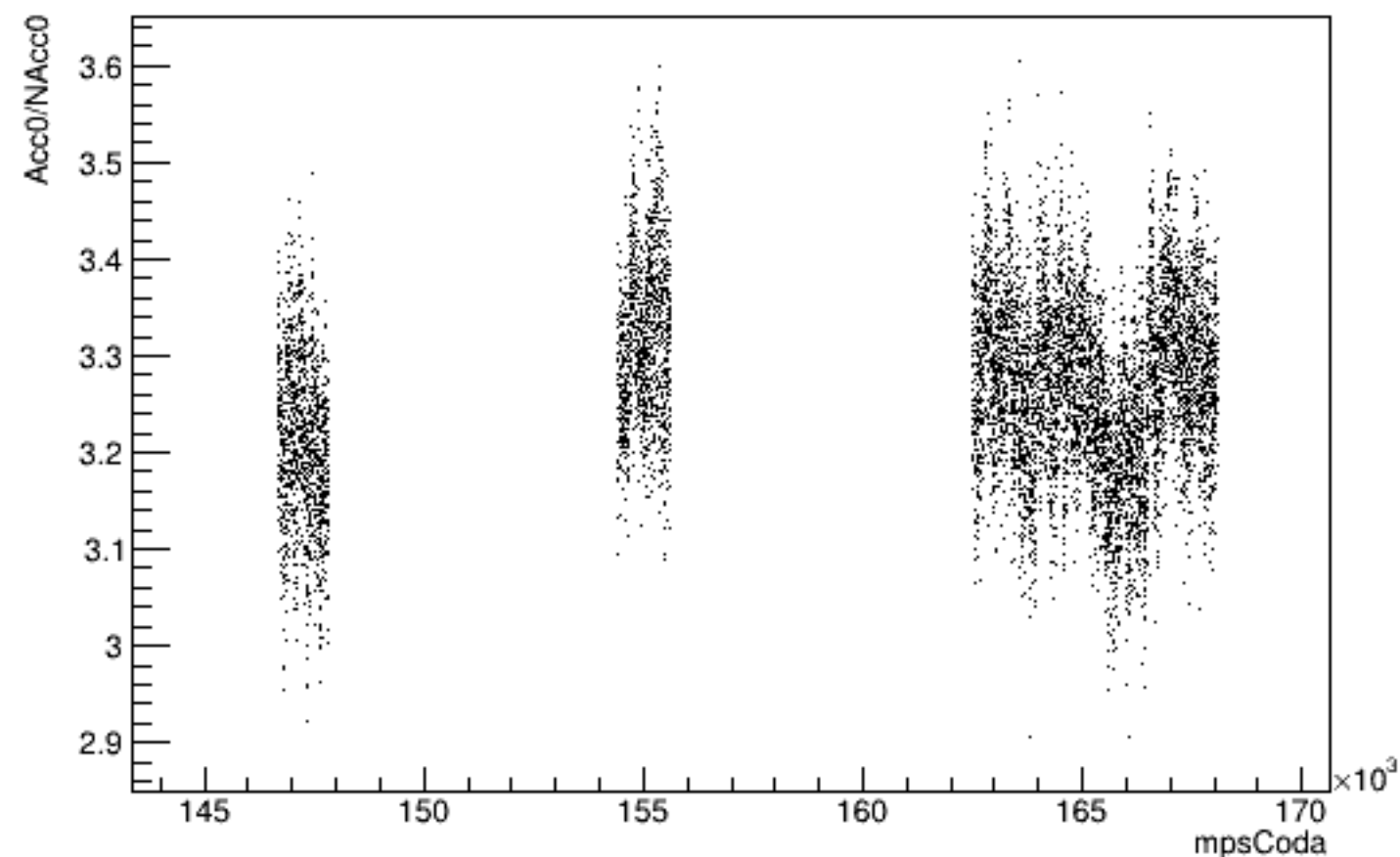
Cycle 7, Asyms

Entries: 289	Entries: 300	Entries: 1381
Mean: 0.0187 +/- 0.0229	Mean: -0.3173 +/- 0.3758	Mean: 0.0239 +/- 0.0101
Std Dev: 0.3896 +/- 0.0162	Std Dev: 6.5086 +/- 0.2657	Std Dev: 0.3738 +/- 0.0071

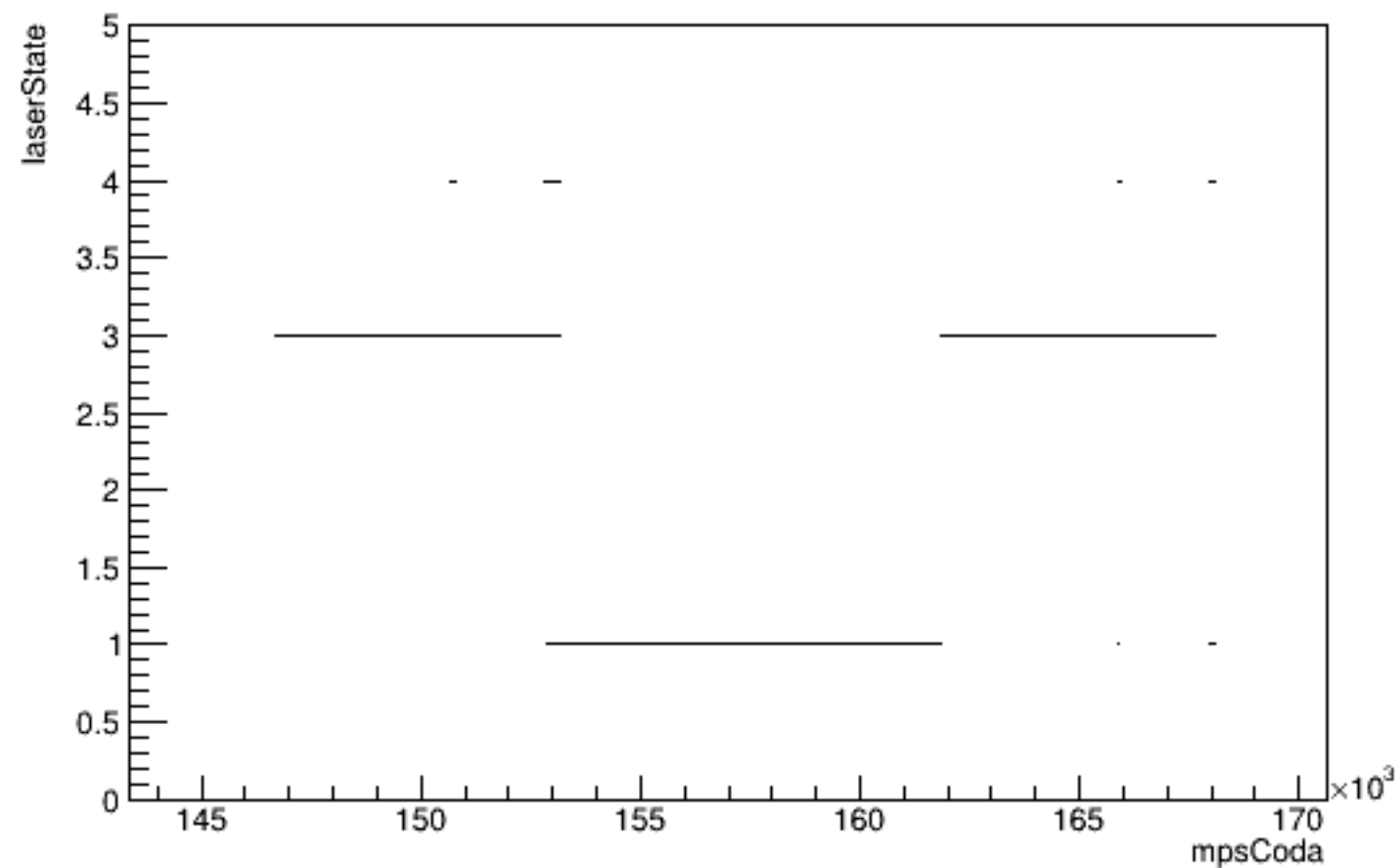
Run 5090 quartetwise, Asyms



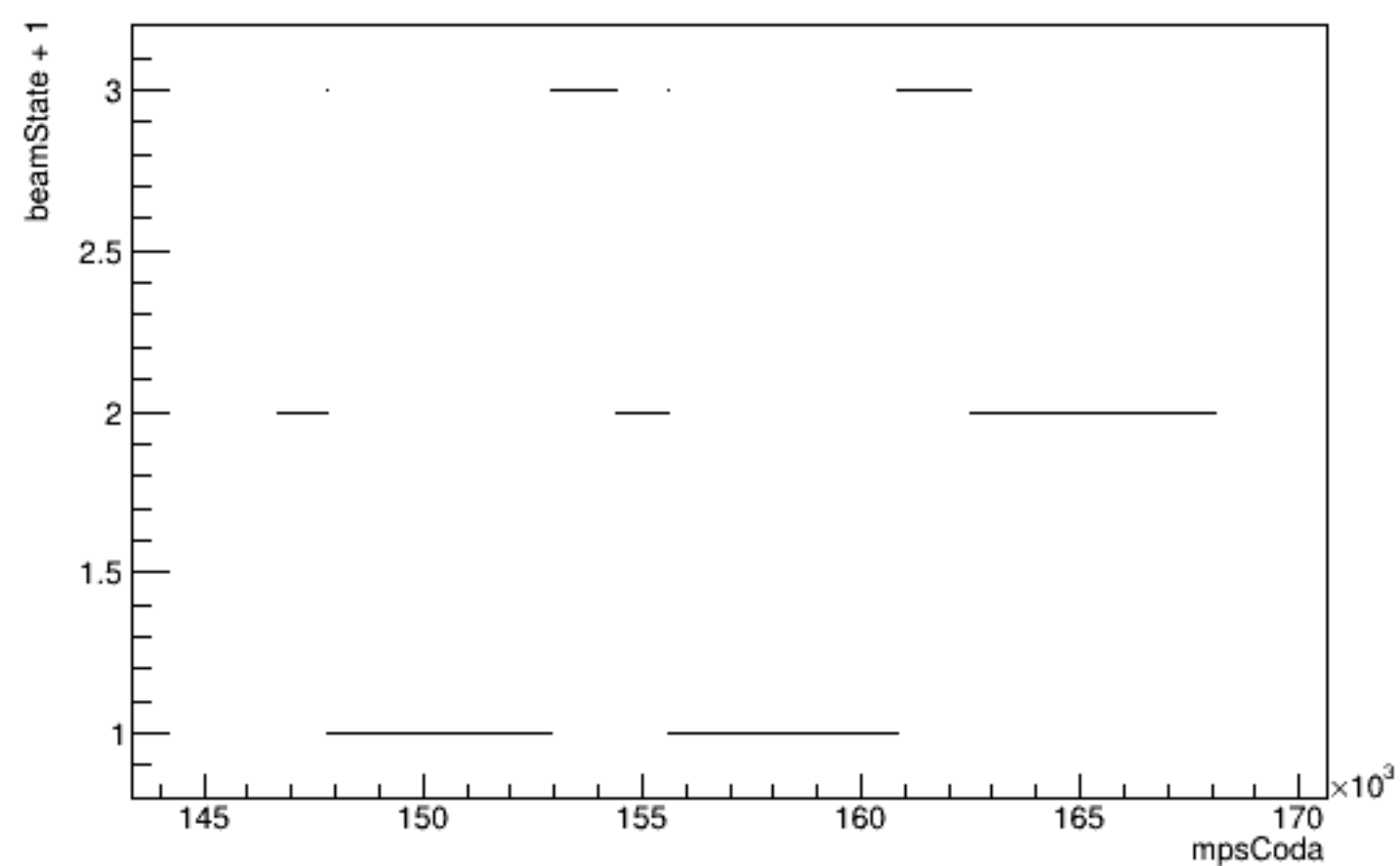
Acc0/NAcc0:mpsCoda (mpsCoda>=146672 && mpsCoda<=168071 && beamState==1)



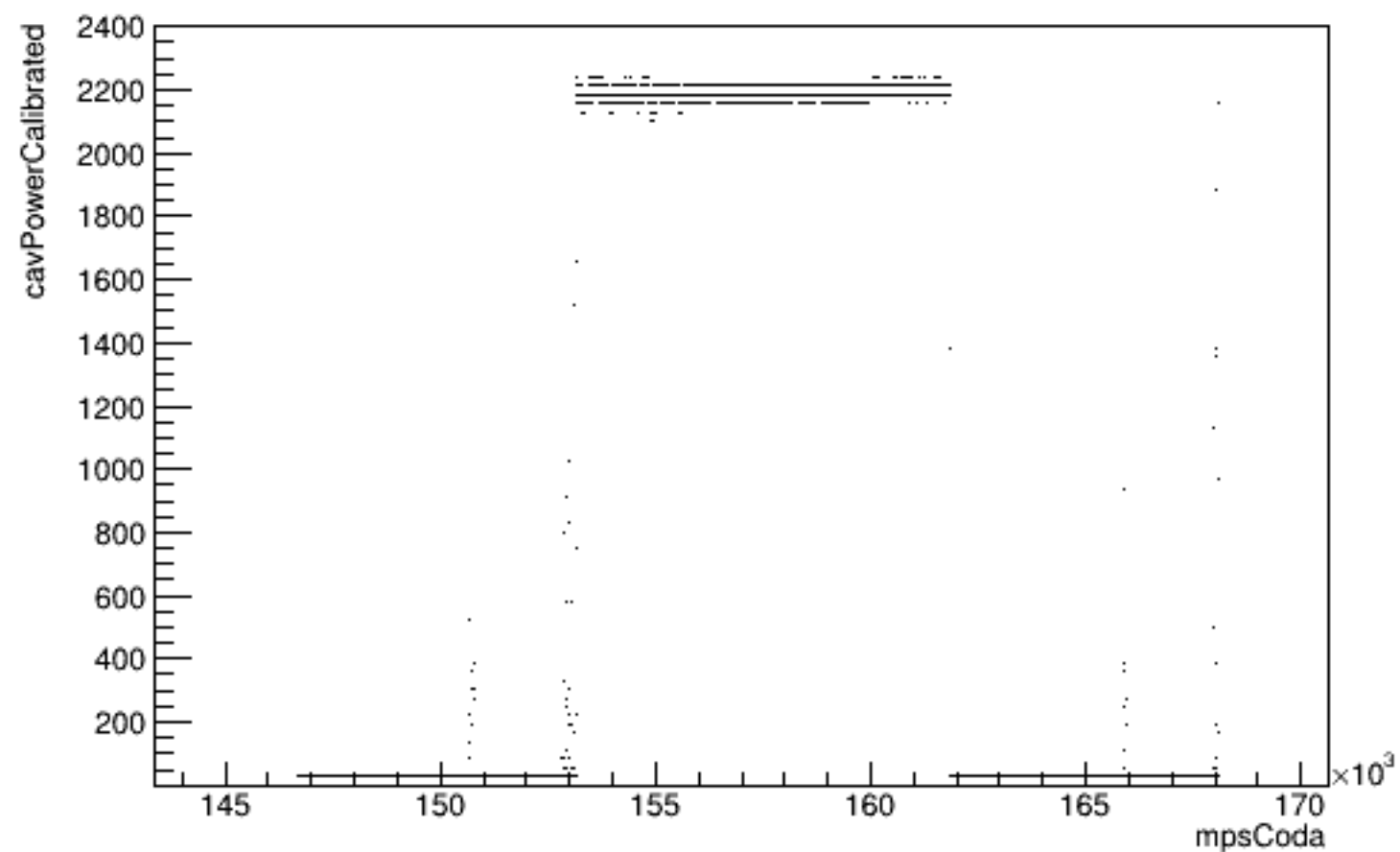
laserState:mpsCoda {mpsCoda>=146672 && mpsCoda<=168071}



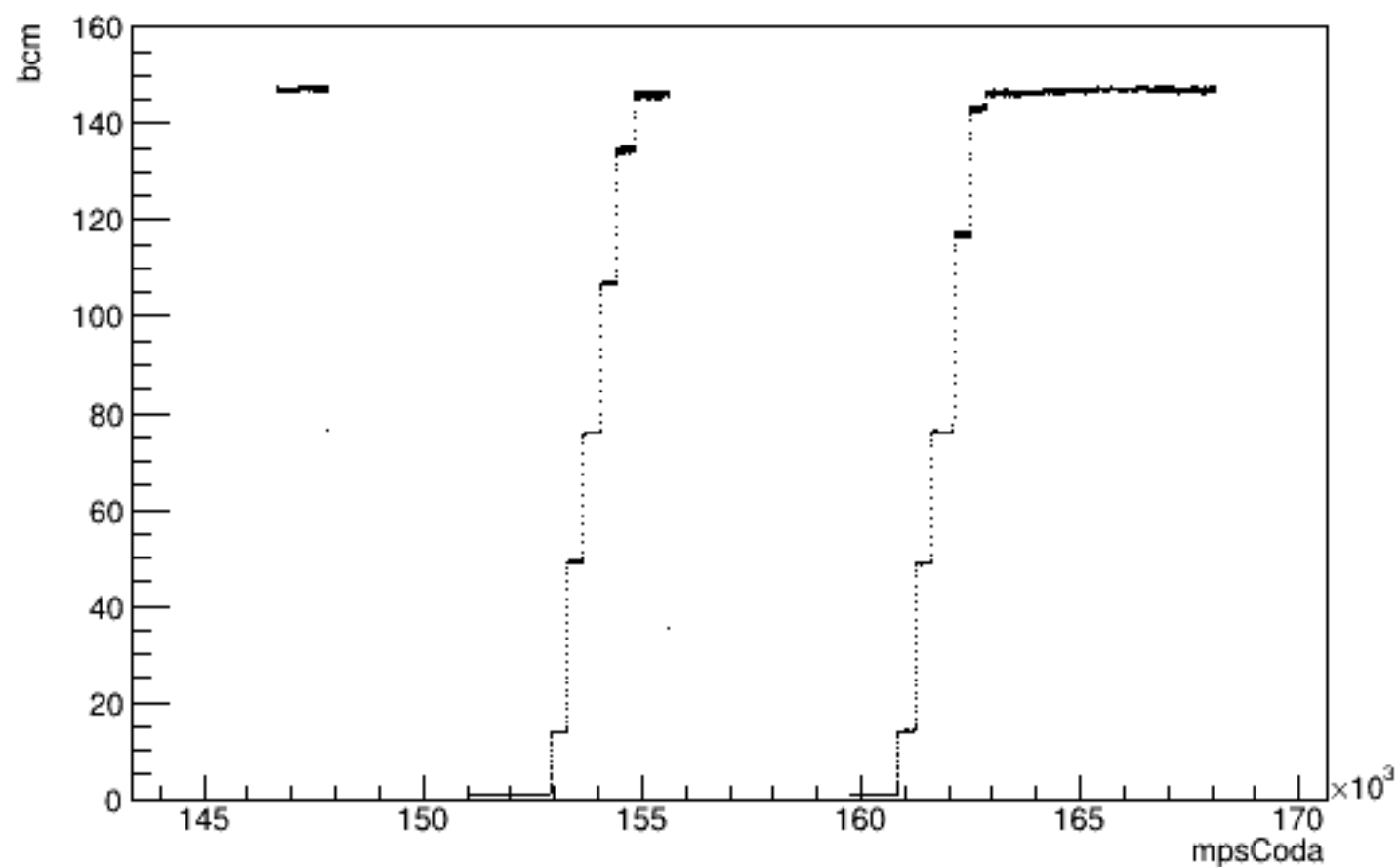
beamState + 1:mpsCoda {mpsCoda>=146672 && mpsCoda<=168071}



cavPowerCalibrated:mpsCoda {mpsCoda>=146672 && mpsCoda<=168071}



bcm:mpsCoda {mpsCoda>=146672 && mpsCoda<=168071}



Cycle 8, Diffs

Entries: 1381

Mean: 0.0039 +/- 0.0016

Std Dev: 0.0612 +/- 0.0012

Entries: 2173

Mean: -0.0003 +/- 0.0013

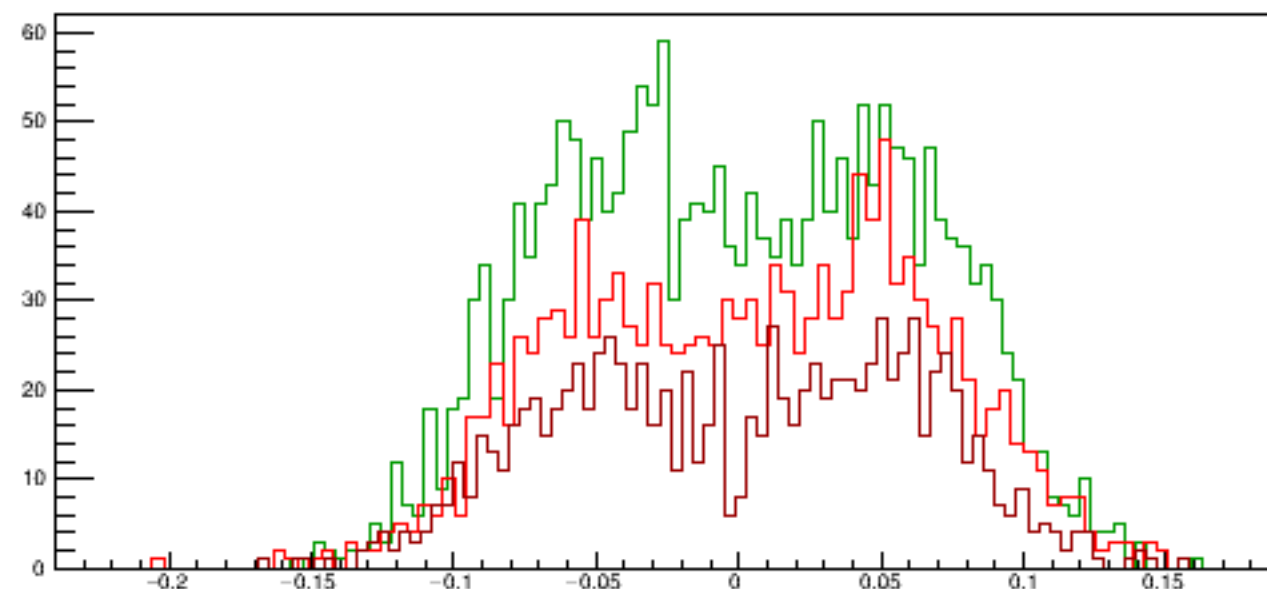
Std Dev: 0.0610 +/- 0.0009

Entries: 1008

Mean: 0.0000 +/- 0.0019

Std Dev: 0.0610 +/- 0.0014

Run 5090 quartetwise, Diffs



Cycle 8, Sums

Entries: 1381

Mean: 6.5366 +/- 0.0039

Std Dev: 0.1437 +/- 0.0027

Entries: 2173

Mean: 6.5174 +/- 0.0031

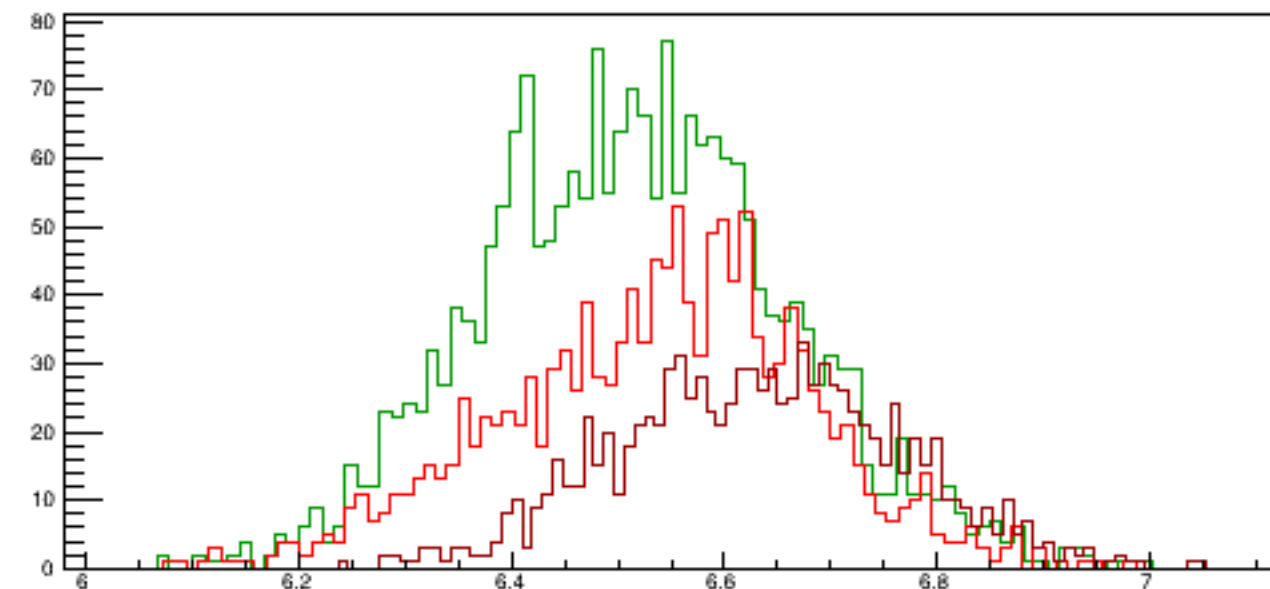
Std Dev: 0.1436 +/- 0.0022

Entries: 1008

Mean: 6.6321 +/- 0.0042

Std Dev: 0.1322 +/- 0.0029

Run 5090 quartetwise, Sums



Cycle 8, Asyms

Entries: 1381

Mean: -0.0584 +/- 0.0246

Std Dev: 0.9138 +/- 0.0174

Entries: 2173

Mean: -0.2035 +/- 0.1351

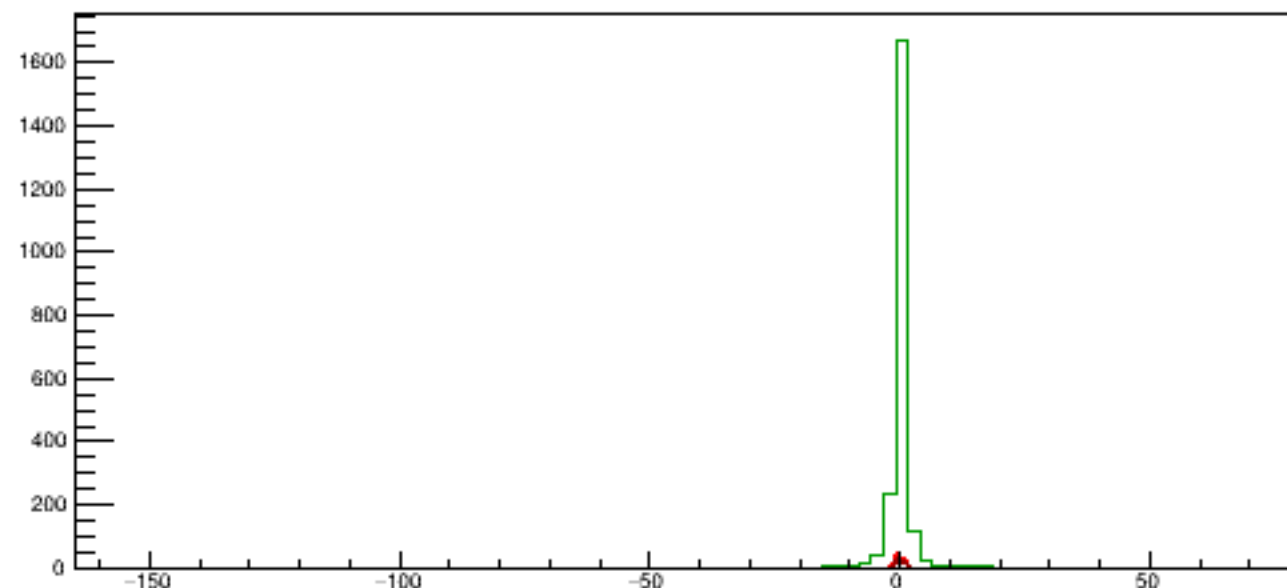
Std Dev: 6.2972 +/- 0.0955

Entries: 1008

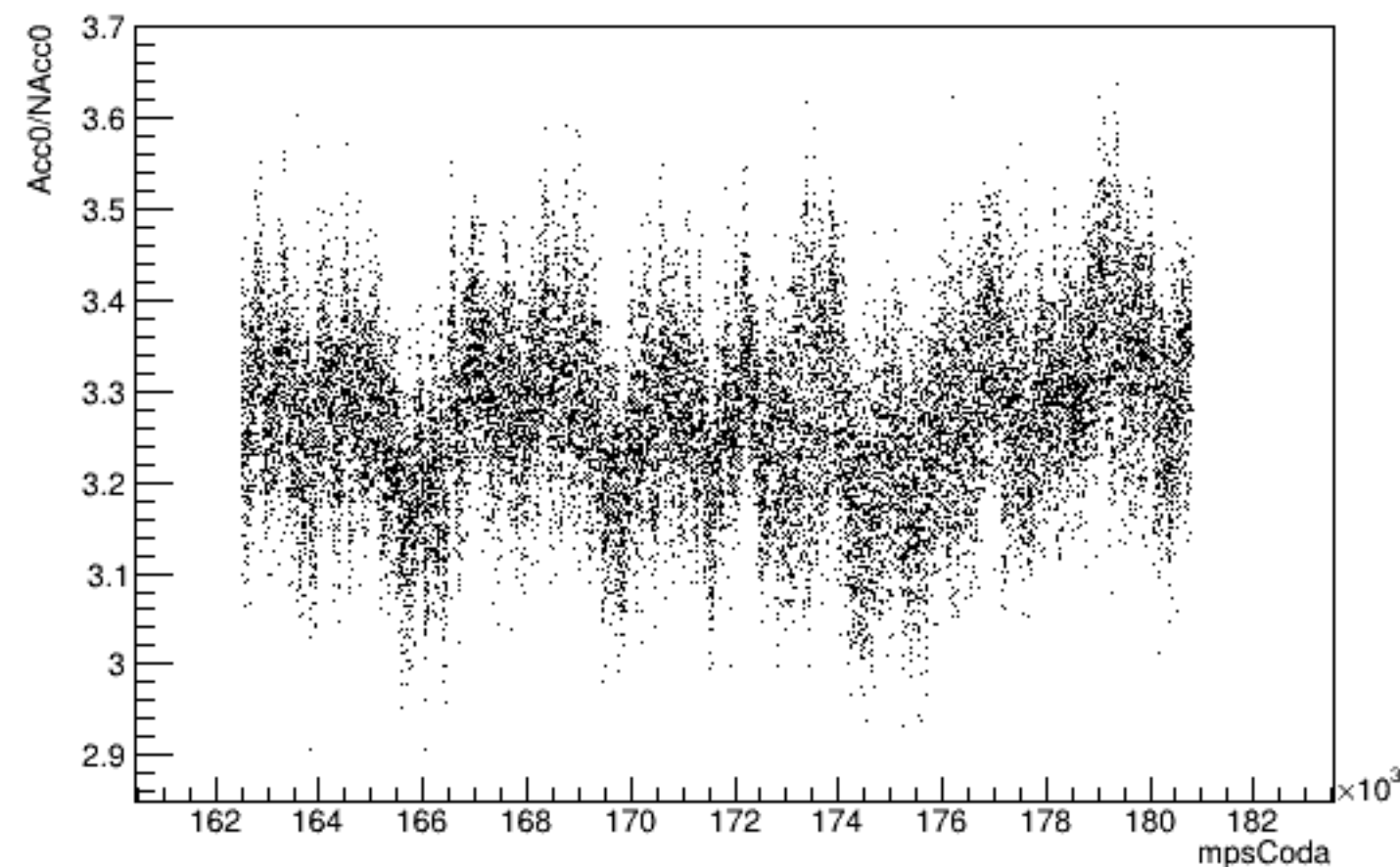
Mean: -0.0003 +/- 0.0287

Std Dev: 0.9105 +/- 0.0203

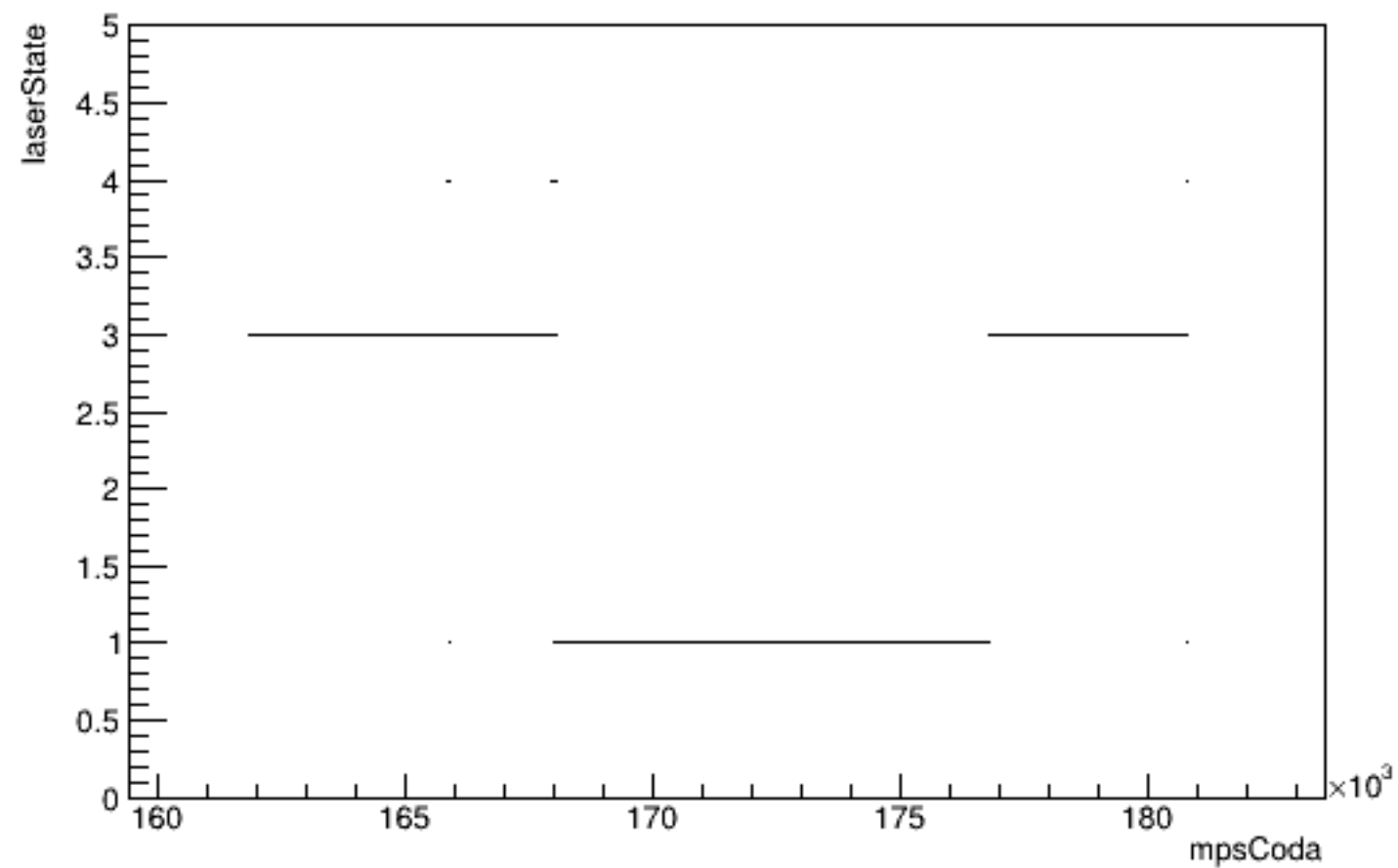
Run 5090 quartetwise, Asyms



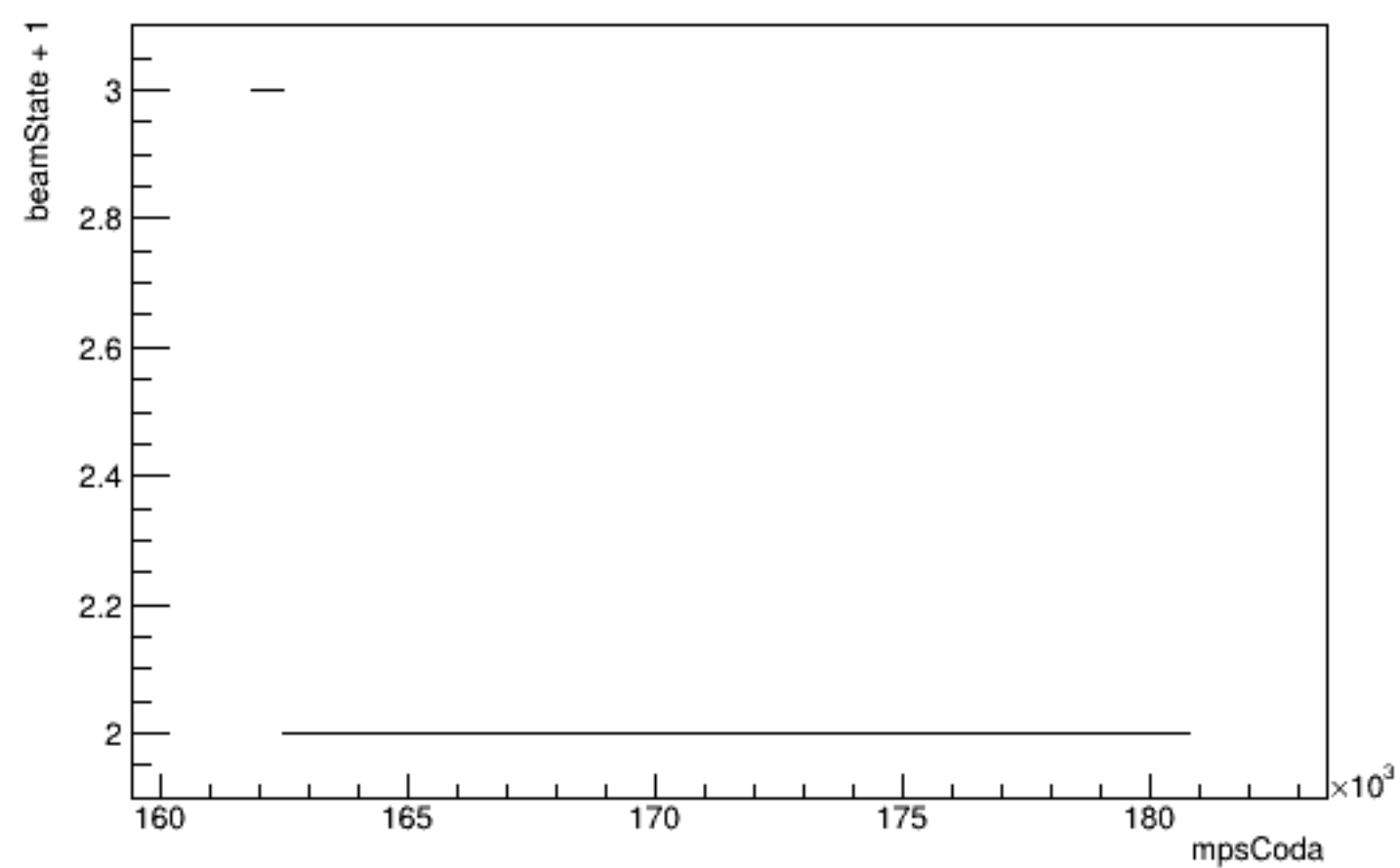
Acc0/NAcc0:mpsCoda (mpsCoda>=161844 && mpsCoda<=180807 && beamState==1)



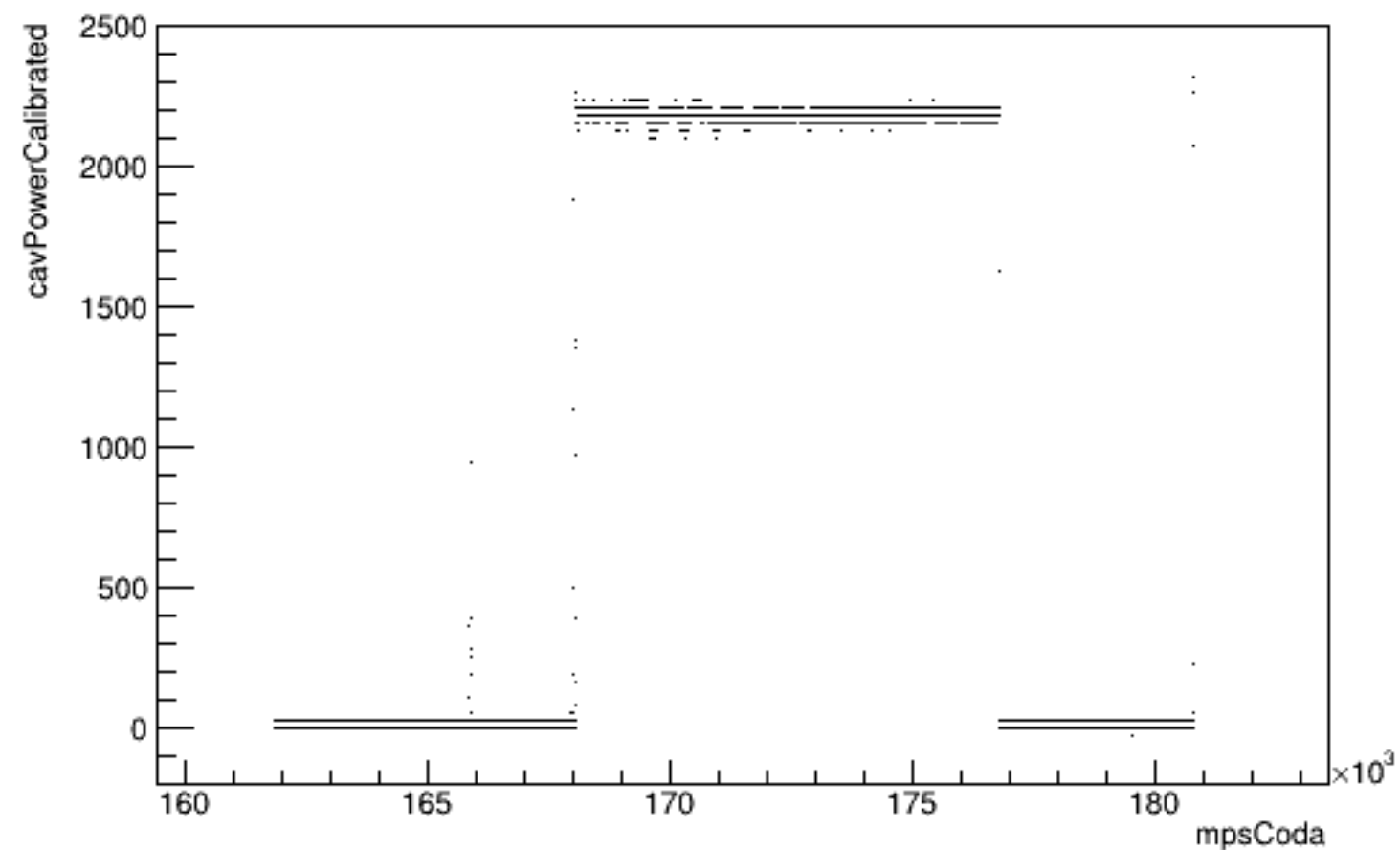
laserState:mpsCoda {mpsCoda>=161844 && mpsCoda<=180807}



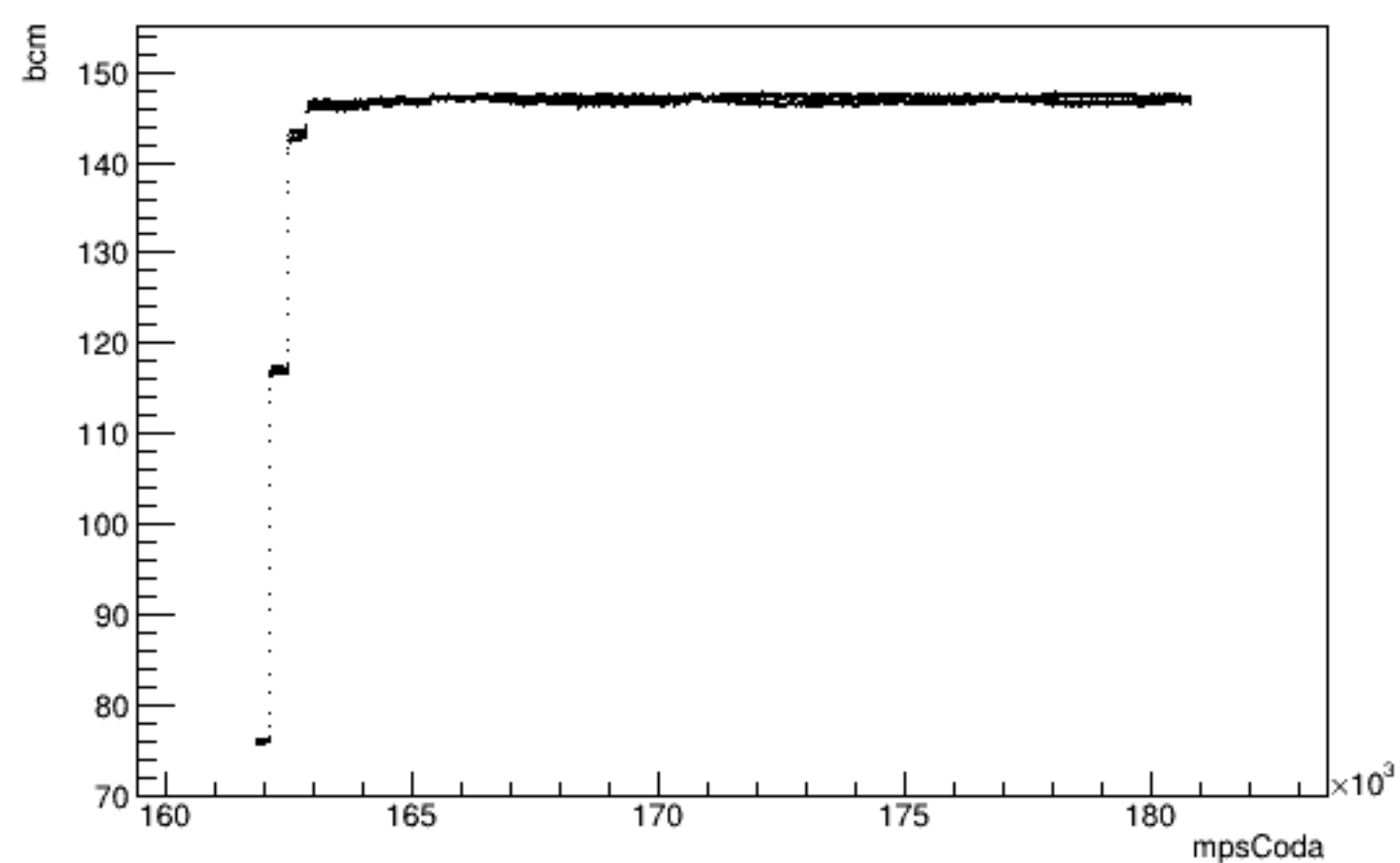
beamState + 1:mpsCoda {mpsCoda>=161844 && mpsCoda<=180807}



cavPowerCalibrated:mpsCoda {mpsCoda>=161844 && mpsCoda<=180807}



bcm:mpsCoda {mpsCoda>=161844 && mpsCoda<=180807}



Cycle 9, Diffs

Entries: 1008

Mean: 0.0000 +/- 0.0019

Std Dev: 0.0610 +/- 0.0014

Entries: 2236

Mean: 0.0021 +/- 0.0013

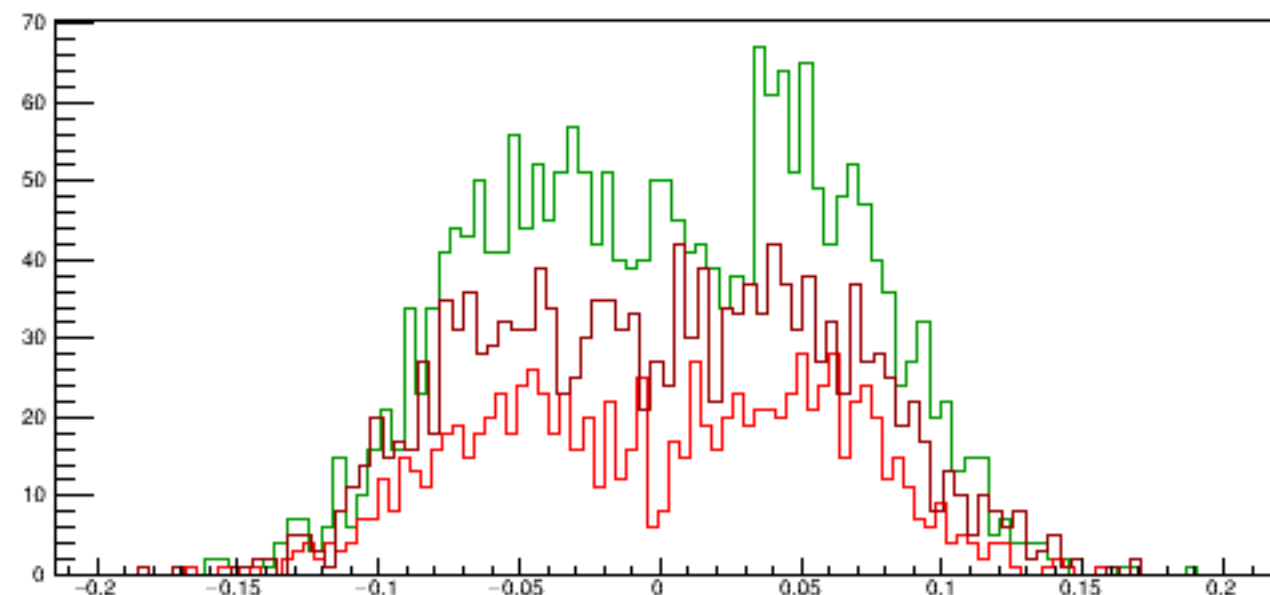
Std Dev: 0.0609 +/- 0.0009

Entries: 1537

Mean: 0.0010 +/- 0.0016

Std Dev: 0.0626 +/- 0.0011

Run 5090 quartetwise, Diffs



Cycle 9, Sums

Entries: 1008

Mean: 6.6321 +/- 0.0042

Std Dev: 0.1322 +/- 0.0029

Entries: 2236

Mean: 6.7182 +/- 0.0035

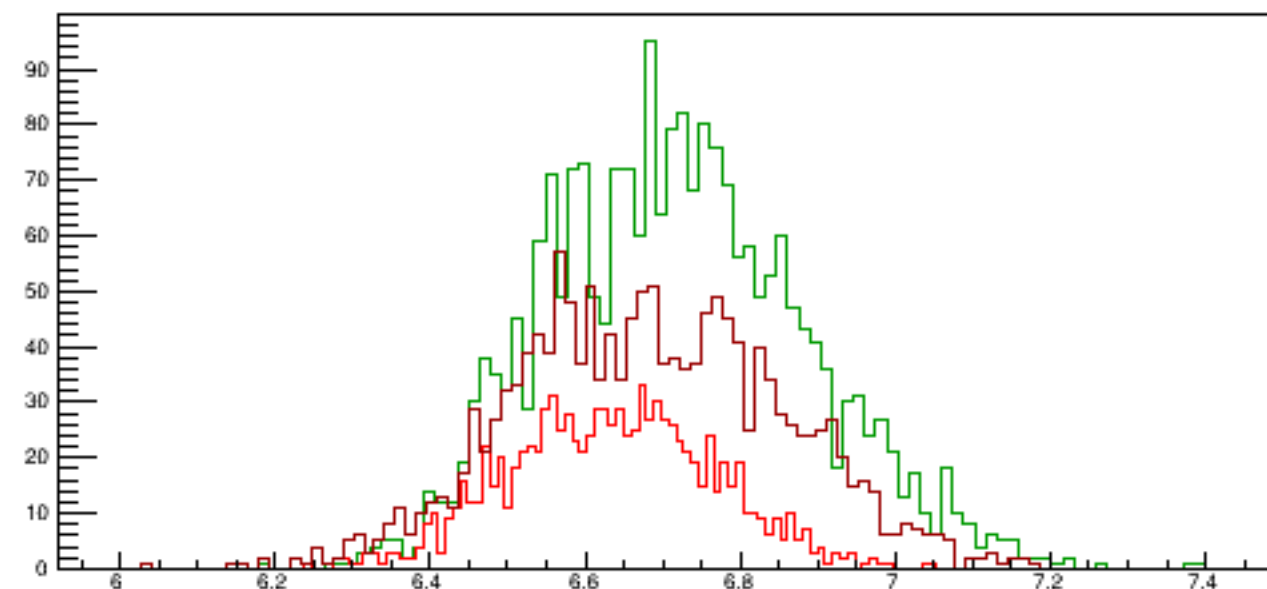
Std Dev: 0.1670 +/- 0.0025

Entries: 1537

Mean: 6.6810 +/- 0.0044

Std Dev: 0.1730 +/- 0.0031

Run 5090 quartetwise, Sums



Cycle 9, Asyms

Entries: 1008

Mean: 0.0003 +/- 0.0311

Std Dev: 0.9887 +/- 0.0220

Entries: 2236

Mean: -1.1169 +/- 1.7267

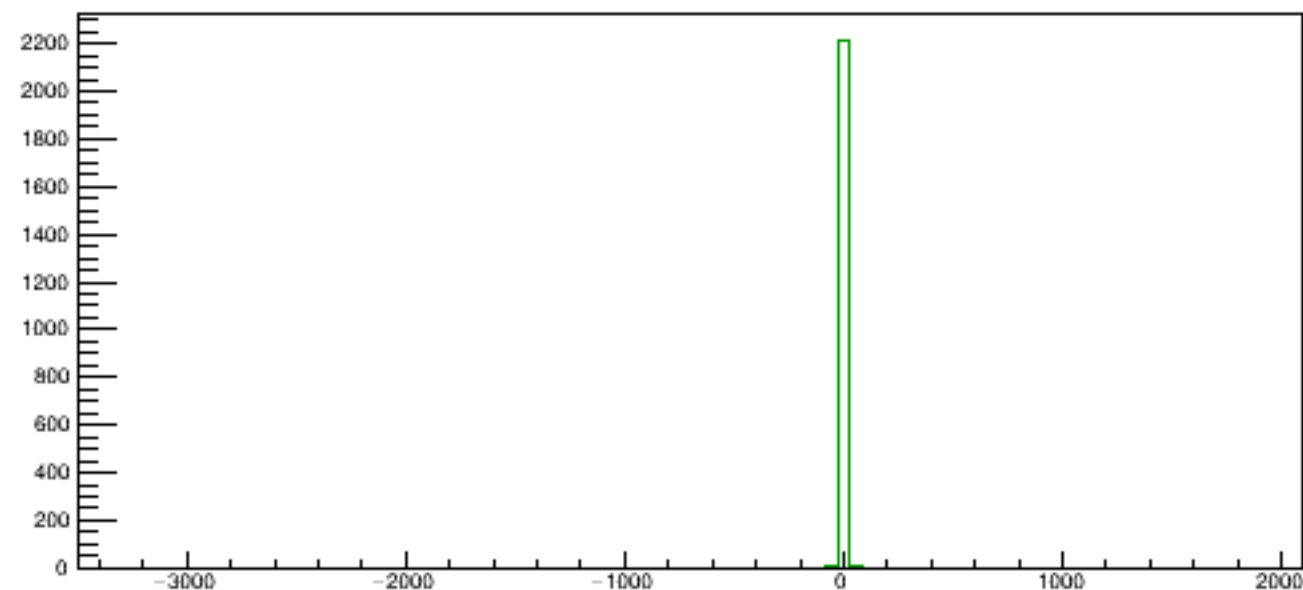
Std Dev: 81.6495 +/- 1.2210

Entries: 1537

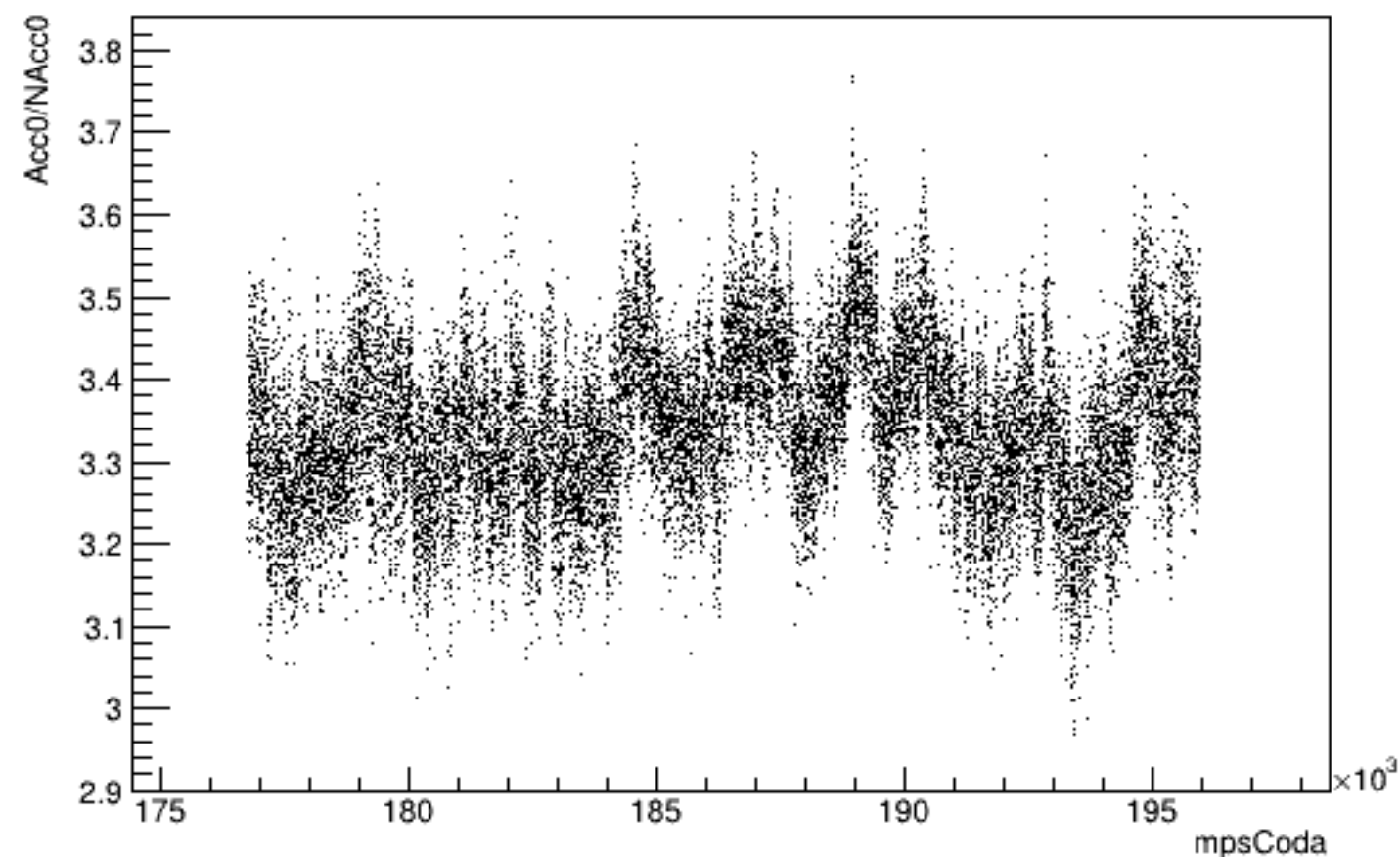
Mean: 0.0161 +/- 0.0259

Std Dev: 1.0153 +/- 0.0183

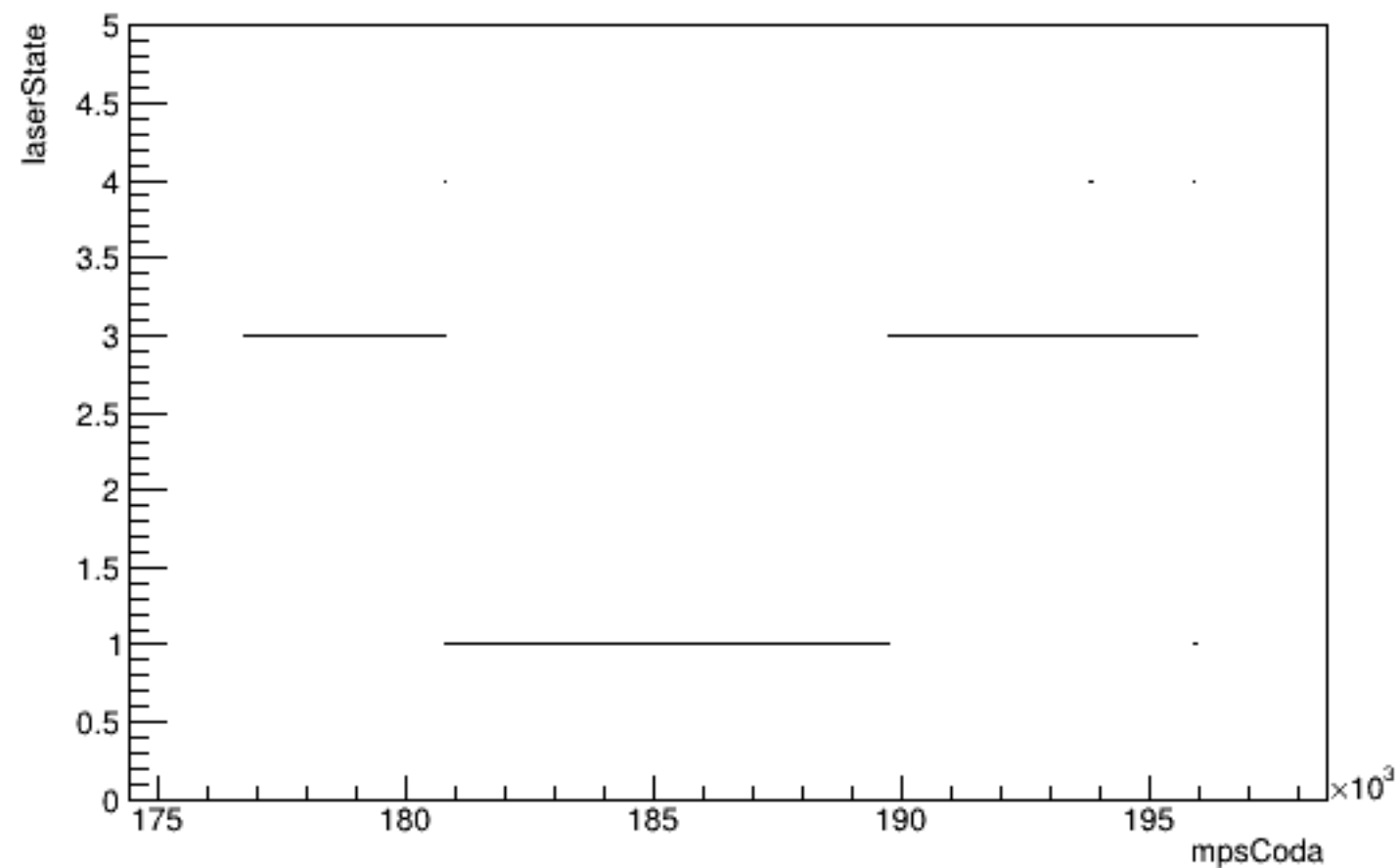
Run 5090 quartetwise, Asyms



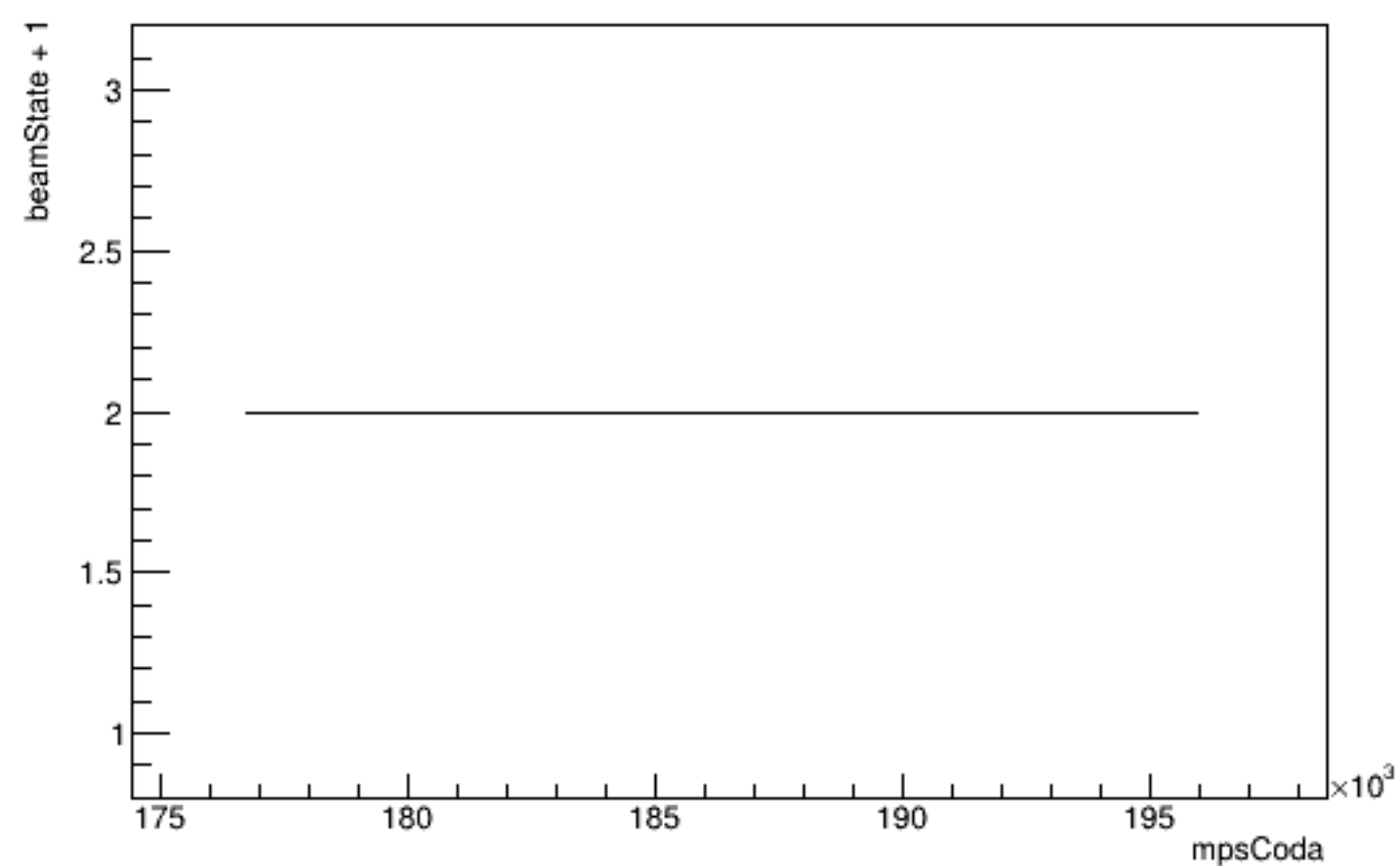
Acc0/NAcc0:mpsCoda (mpsCoda>=176764 && mpsCoda<=195955 && beamState==1)



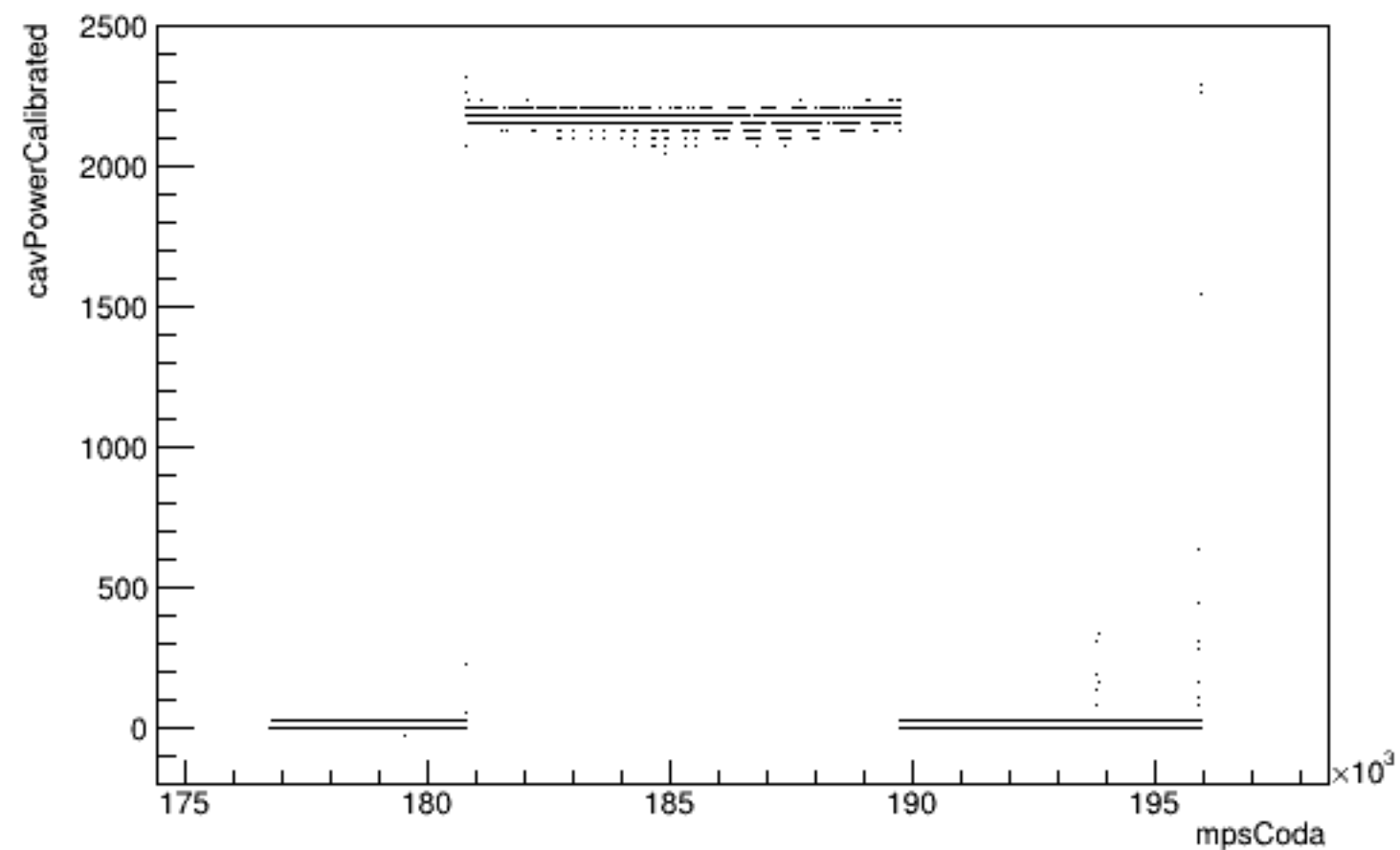
laserState:mpsCoda {mpsCoda>=176764 && mpsCoda<=195955}



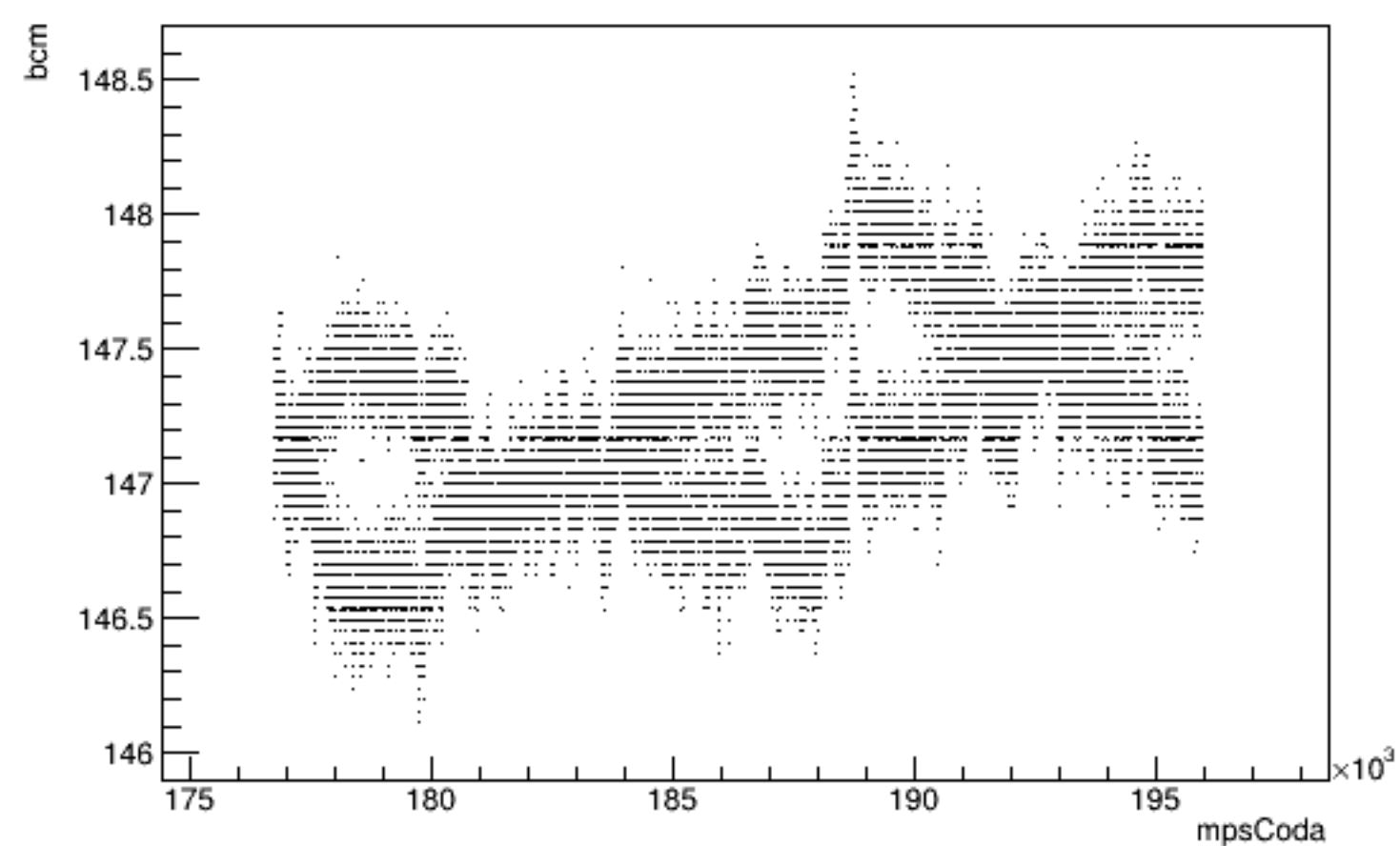
beamState + 1:mpsCoda {mpsCoda>=176764 && mpsCoda<=195955}



cavPowerCalibrated:mpsCoda {mpsCoda>=176764 && mpsCoda<=195955}



bcm:mpsCoda {mpsCoda>=176764 && mpsCoda<=195955}



Cycle 10, Diffs

Entries: 1536

Mean: -0.0028 +/- 0.0015

Std Dev: 0.0600 +/- 0.0011

Entries: 2298

Mean: 0.0012 +/- 0.0013

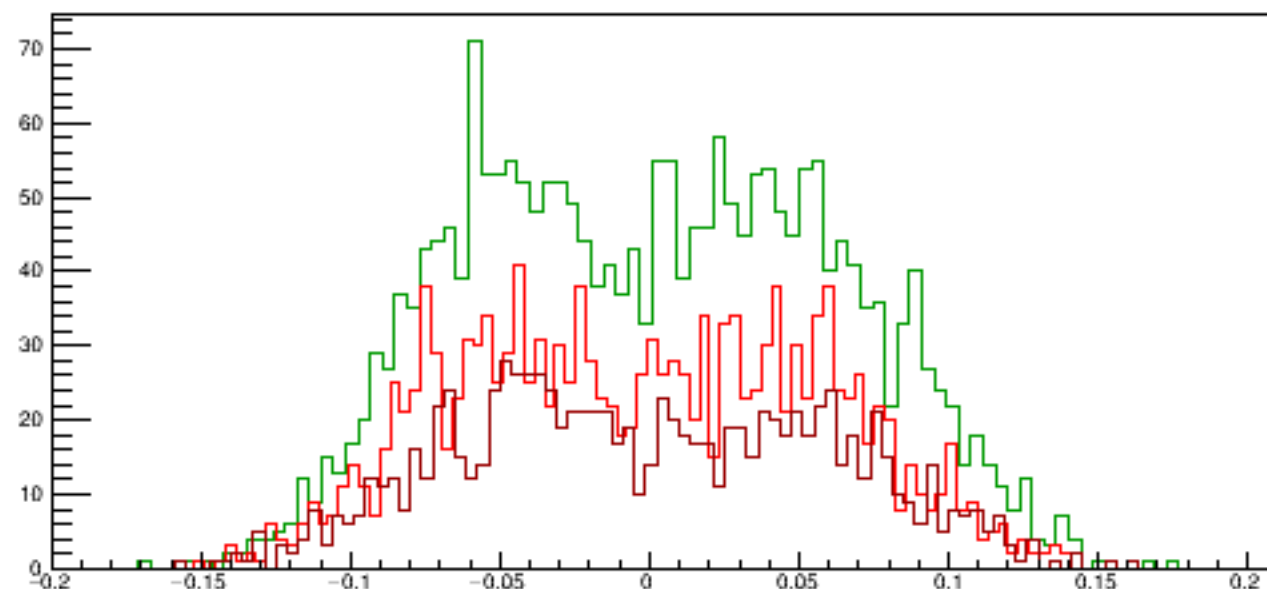
Std Dev: 0.0615 +/- 0.0009

Entries: 1001

Mean: -0.0011 +/- 0.0019

Std Dev: 0.0610 +/- 0.0014

Run 5090 quartetwise, Diffs



Cycle 10, Sums

Entries: 1536

Mean: 6.5111 +/- 0.0034

Std Dev: 0.1350 +/- 0.0024

Entries: 2298

Mean: 6.5320 +/- 0.0030

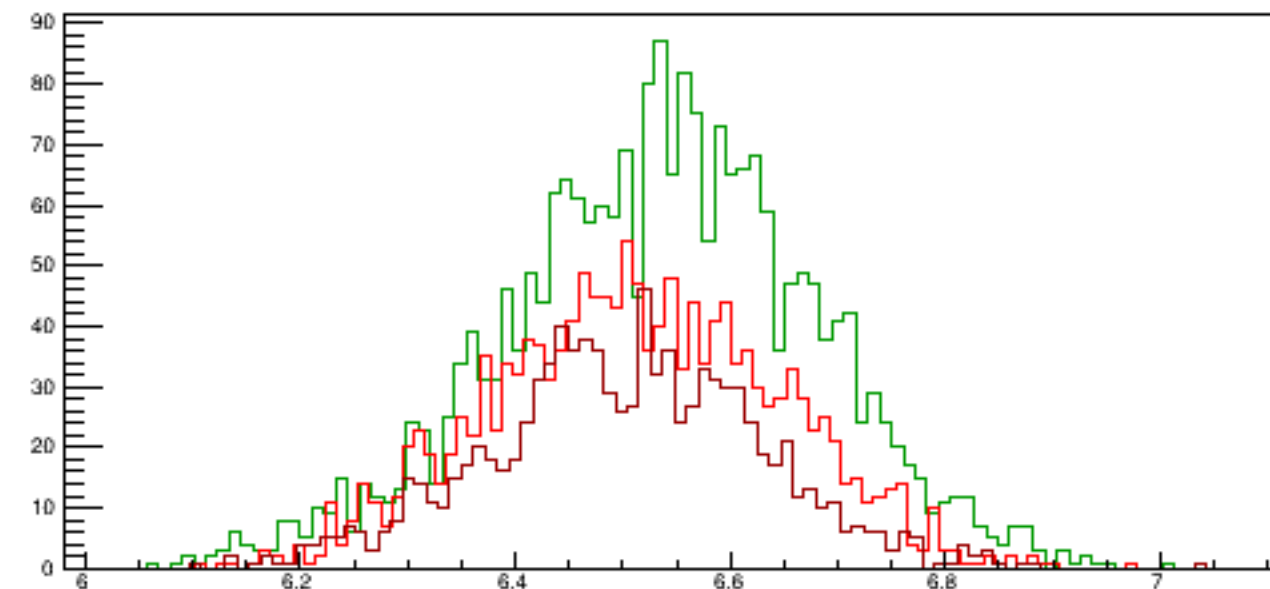
Std Dev: 0.1459 +/- 0.0022

Entries: 1001

Mean: 6.5014 +/- 0.0041

Std Dev: 0.1291 +/- 0.0029

Run 5090 quartetwise, Sums



Cycle 10, Asyms

Entries: 1536

Mean: -0.1080 +/- 0.0594

Std Dev: 2.3291 +/- 0.0420

Entries: 2298

Mean: 1.5686 +/- 1.5429

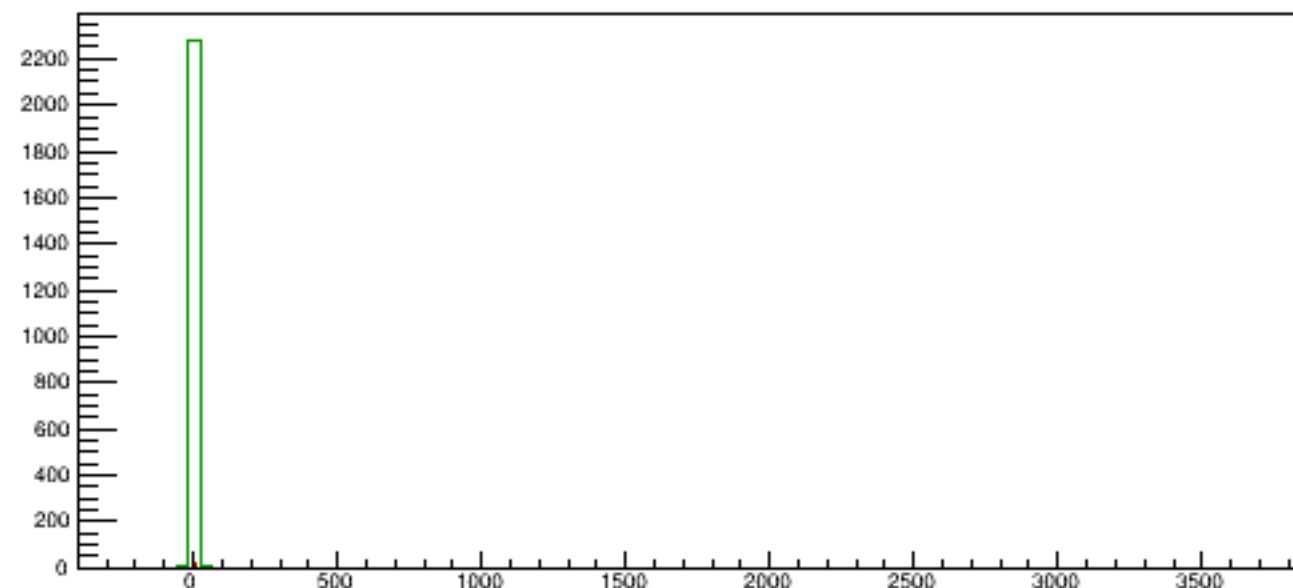
Std Dev: 73.9618 +/- 1.0910

Entries: 1001

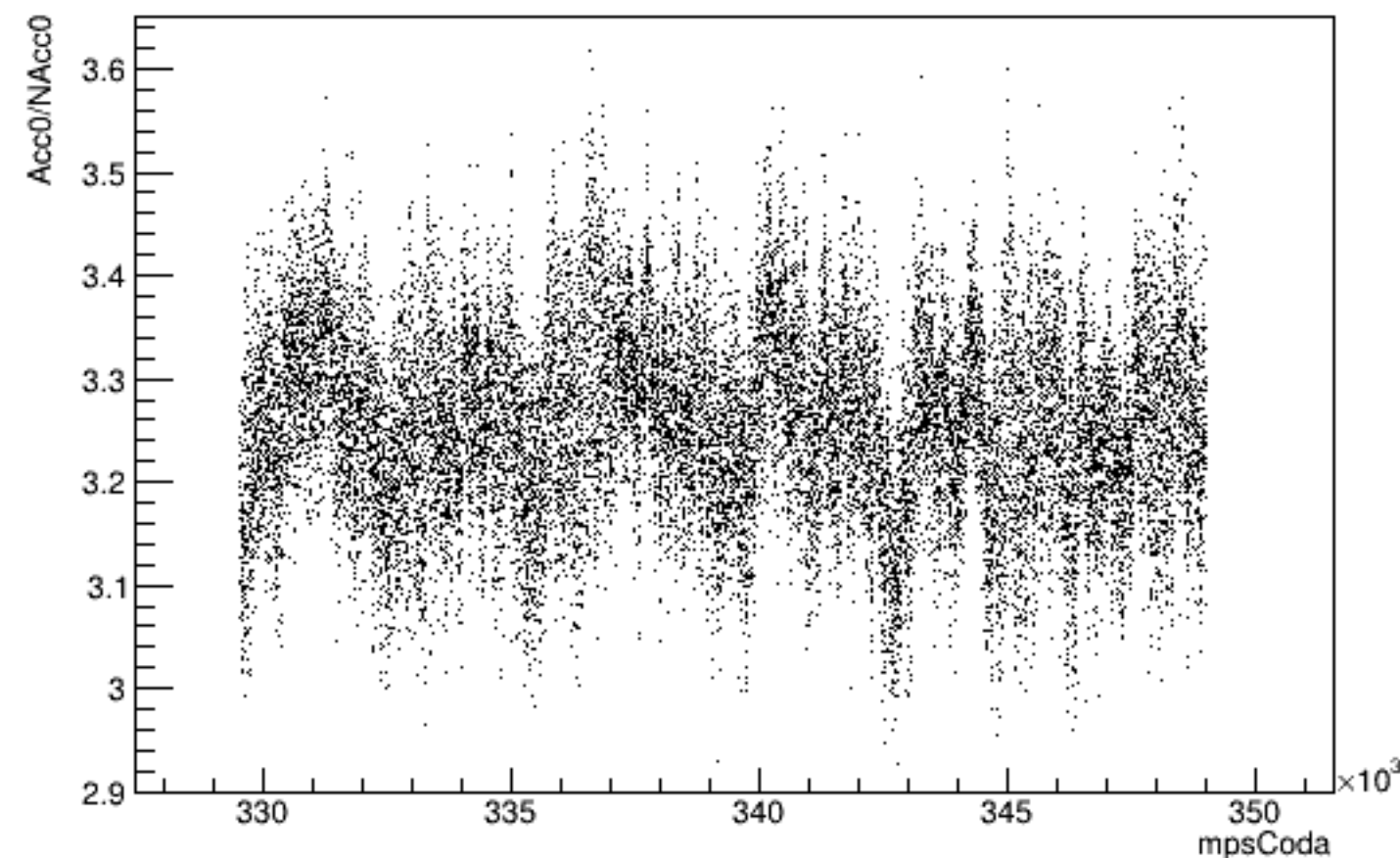
Mean: -0.0408 +/- 0.0749

Std Dev: 2.3692 +/- 0.0530

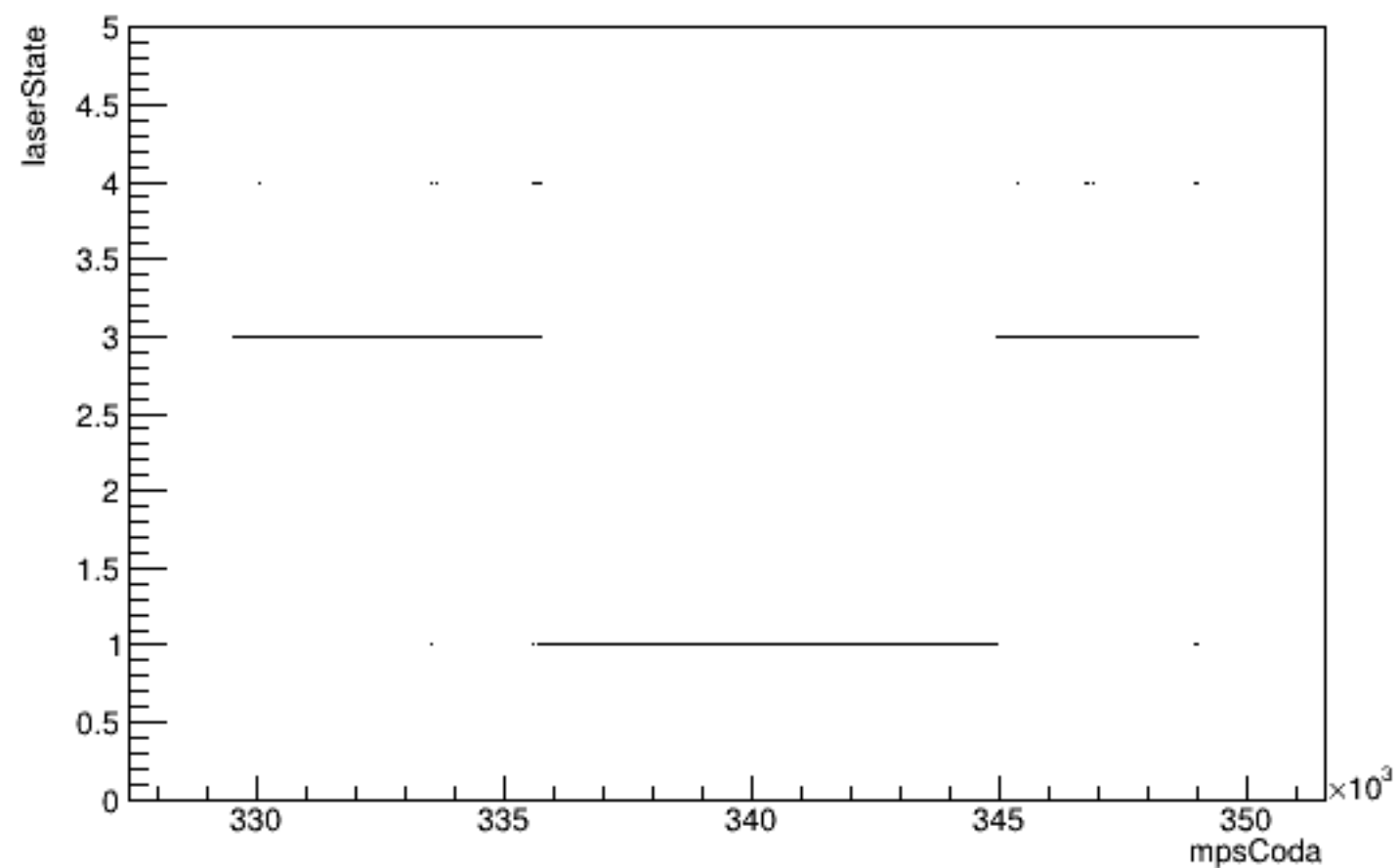
Run 5090 quartetwise, Asyms



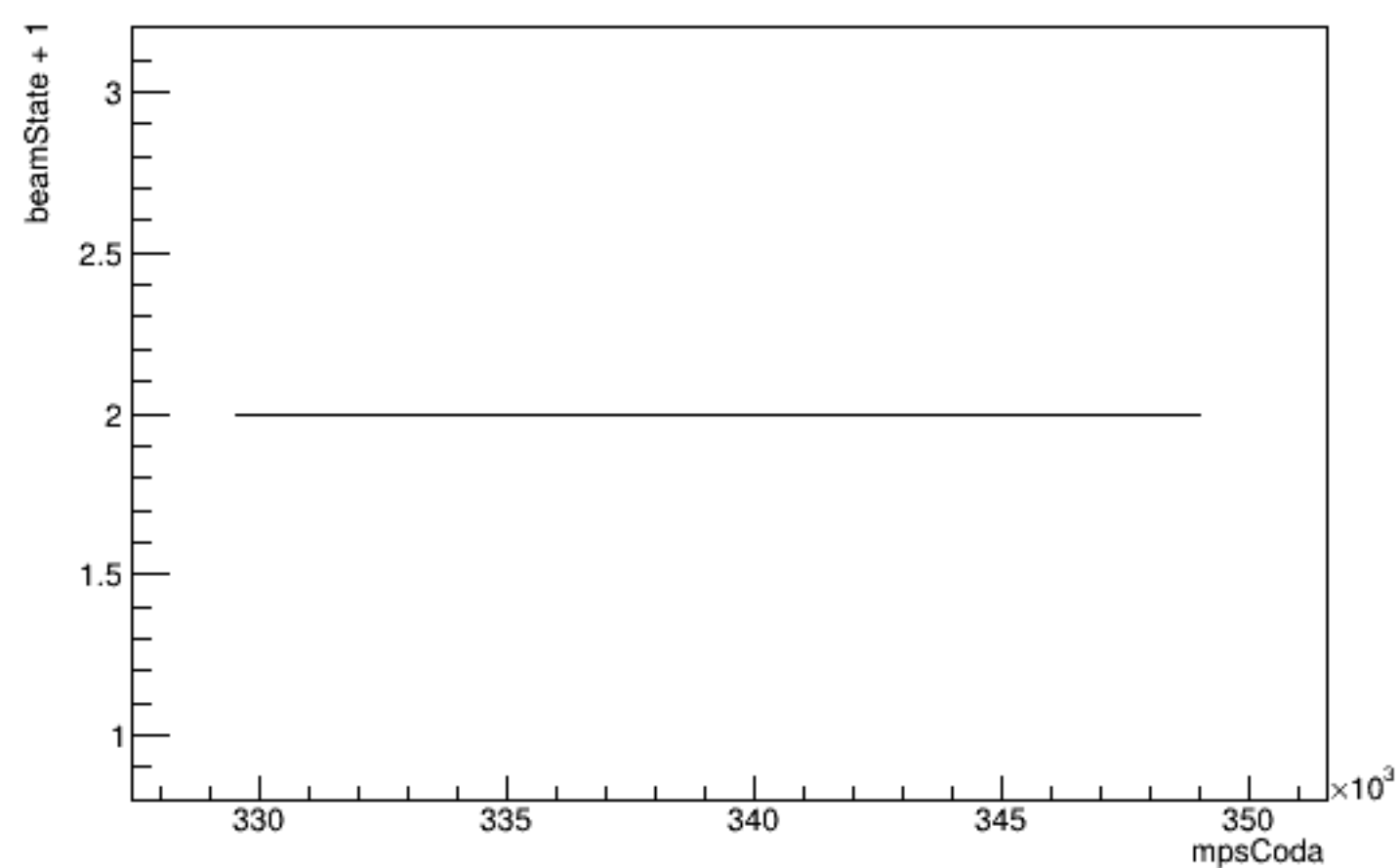
Acc0/NAcc0:mpsCoda (mpsCoda>=329544 && mpsCoda<=348991 && beamState==1)



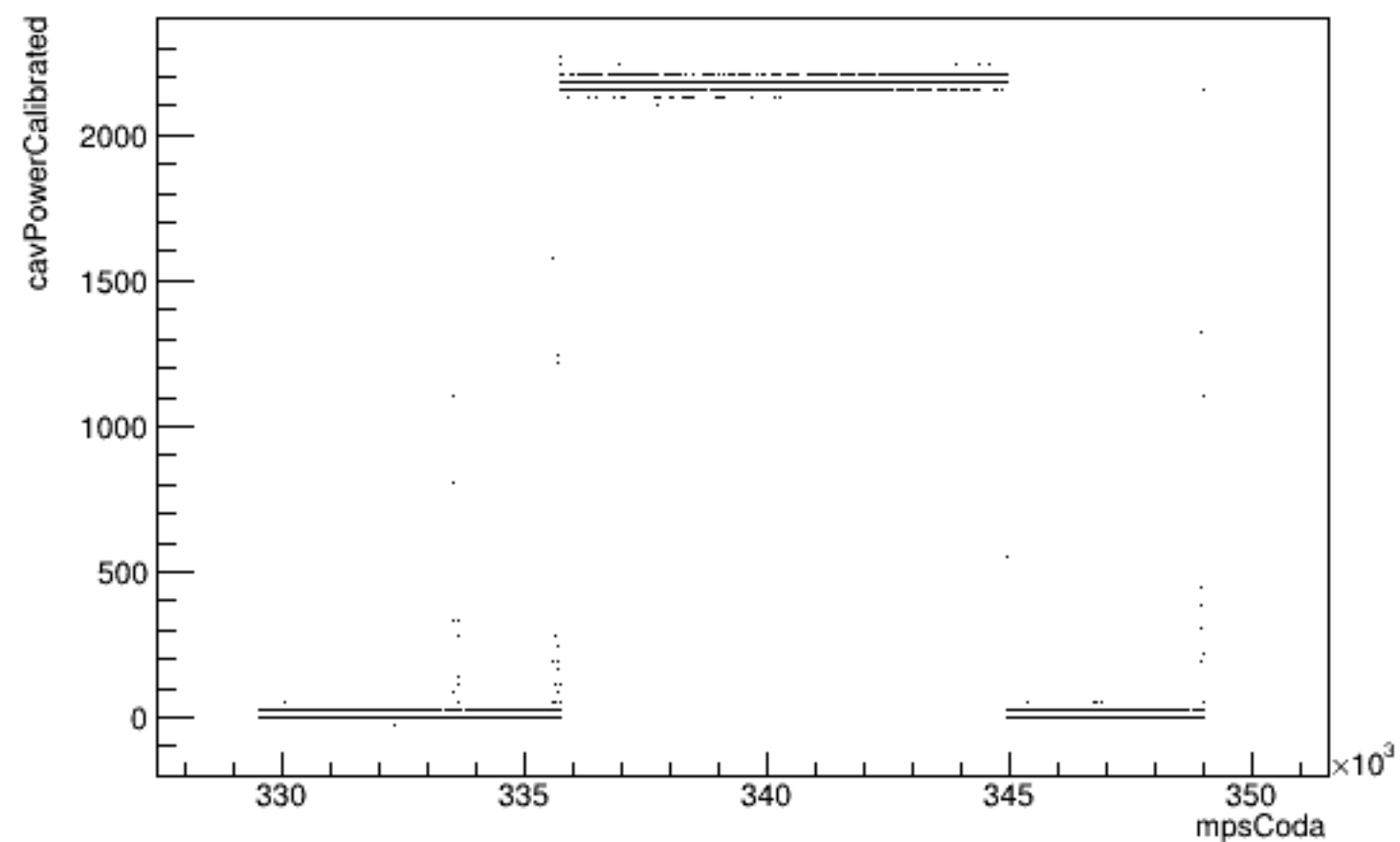
laserState:mpsCoda {mpsCoda>=329544 && mpsCoda<=348991}



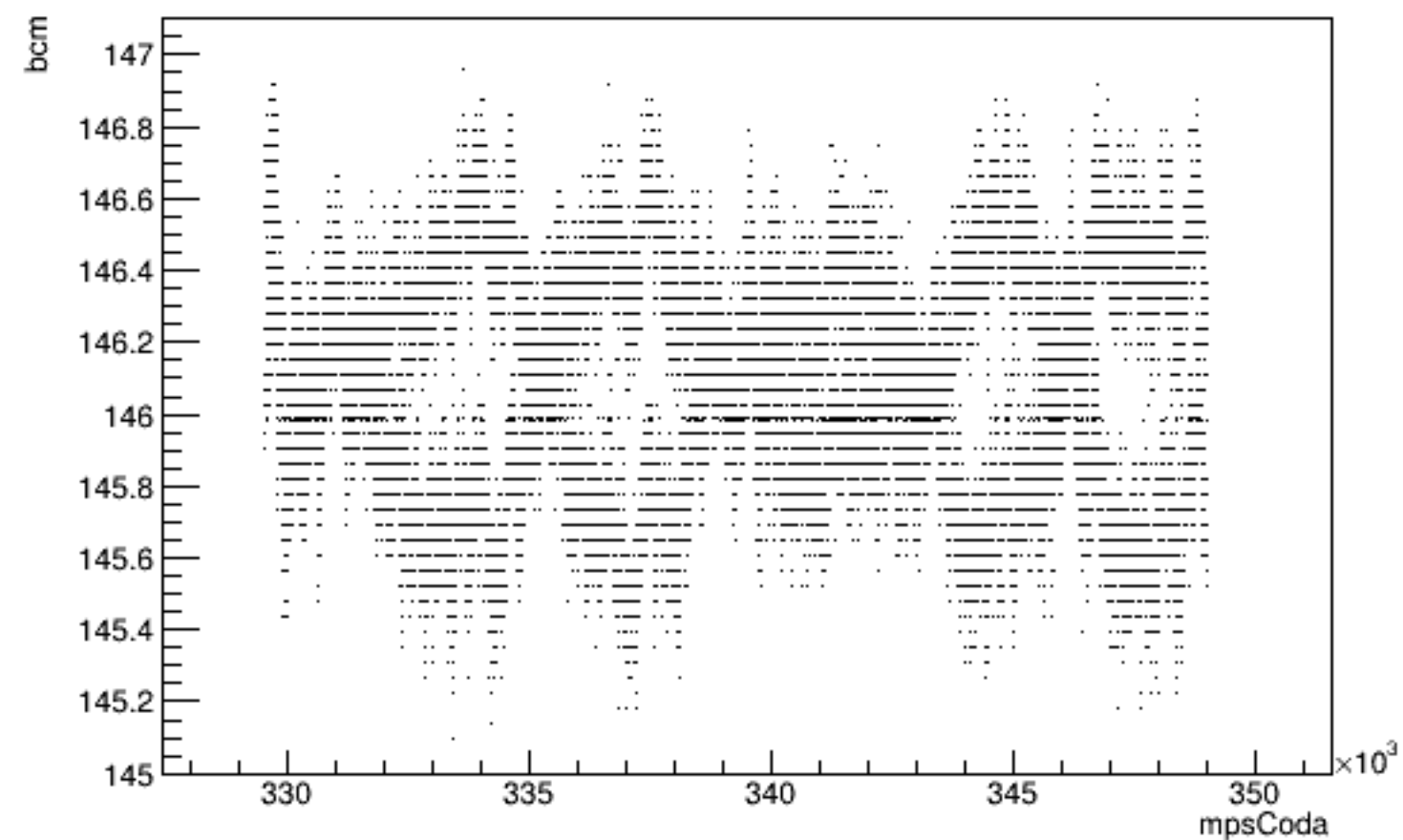
beamState + 1:mpsCoda {mpsCoda>=329544 && mpsCoda<=348991}



cavPowerCalibrated:mpsCoda {mpsCoda>=329544 && mpsCoda<=348991}



bcm:mpsCoda {mpsCoda>=329544 && mpsCoda<=348991}



Cycle 11, Diffs

Entries: 1001

Mean: -0.0011 +/- 0.0019

Std Dev: 0.0610 +/- 0.0014

Entries: 2174

Mean: 0.0005 +/- 0.0013

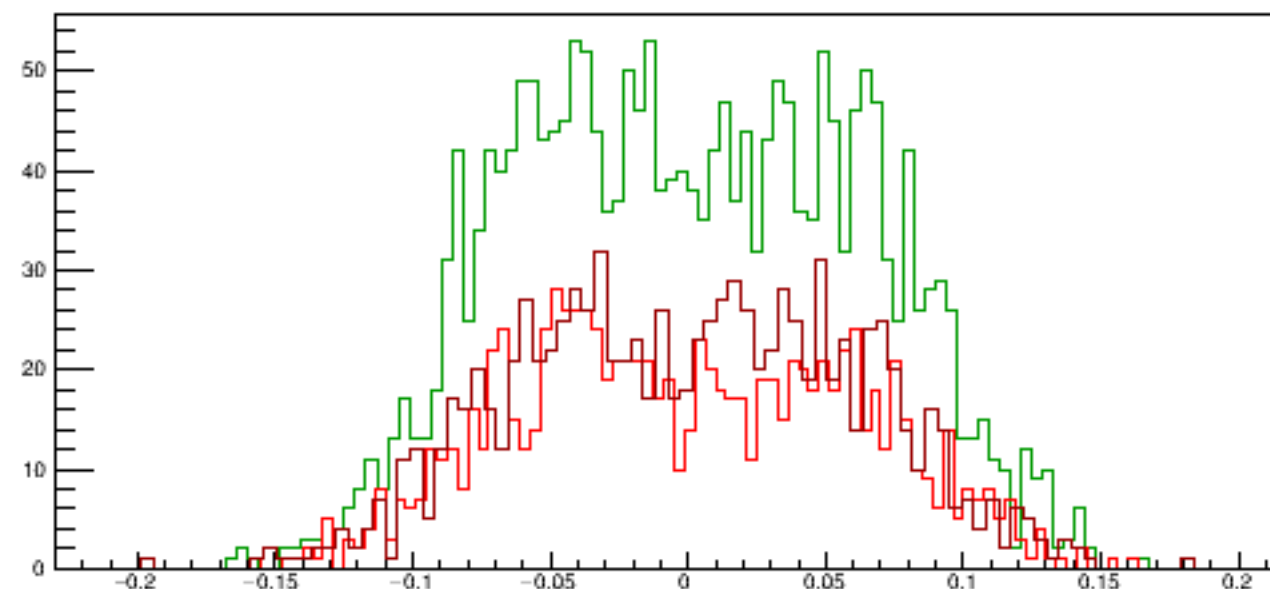
Std Dev: 0.0617 +/- 0.0009

Entries: 997

Mean: 0.0000 +/- 0.0019

Std Dev: 0.0607 +/- 0.0014

Run 5090 quartetwise, Diffs



Cycle 11, Sums

Entries: 1001

Mean: 6.5014 +/- 0.0041

Std Dev: 0.1291 +/- 0.0029

Entries: 2174

Mean: 6.5865 +/- 0.0037

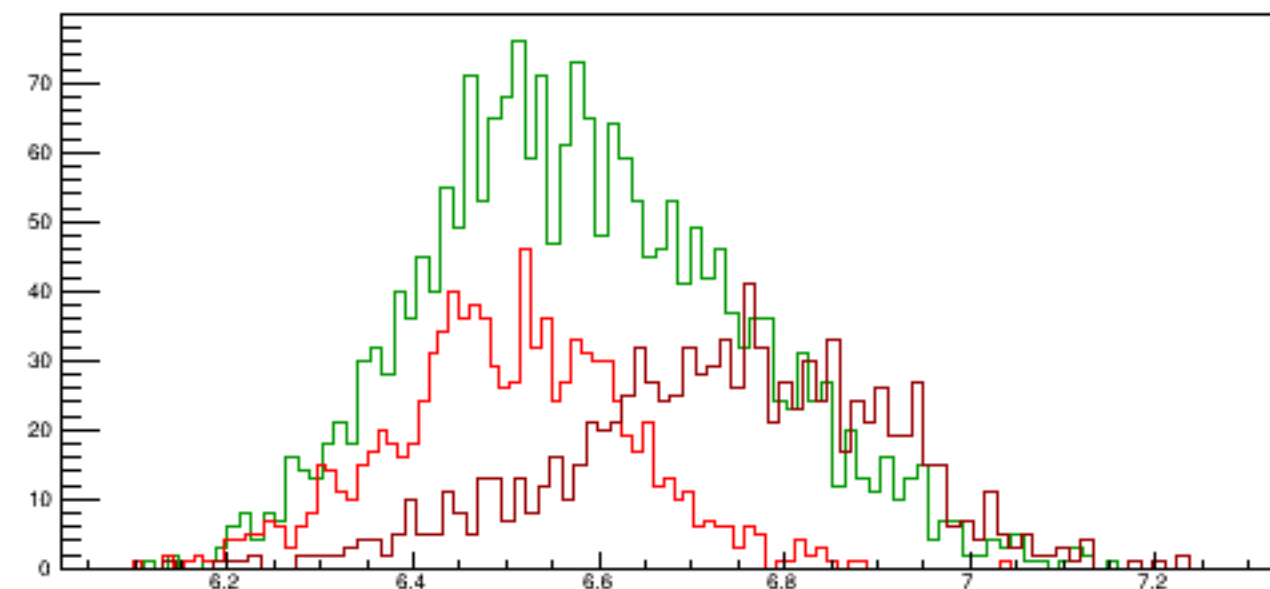
Std Dev: 0.1726 +/- 0.0026

Entries: 997

Mean: 6.7328 +/- 0.0055

Std Dev: 0.1730 +/- 0.0039

Run 5090 quartetwise, Sums



Cycle 11, Asyms

Entries: 1001

Mean: 0.0343 +/- 0.0630

Std Dev: 1.9939 +/- 0.0446

Entries: 2174

Mean: 0.0838 +/- 0.2395

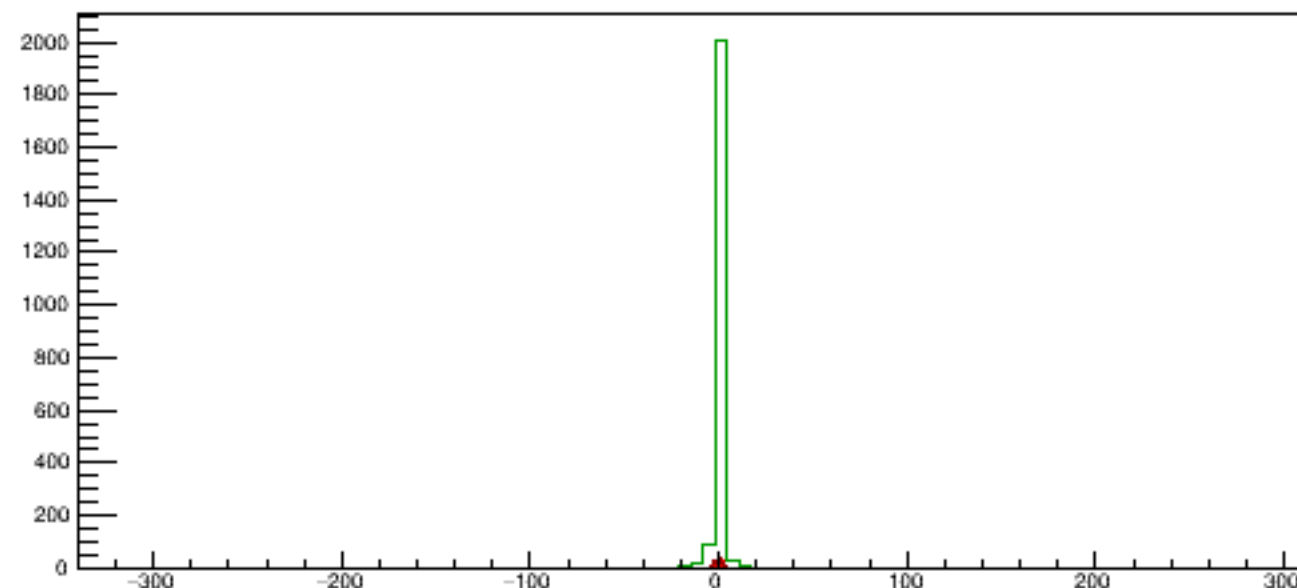
Std Dev: 11.1688 +/- 0.1694

Entries: 997

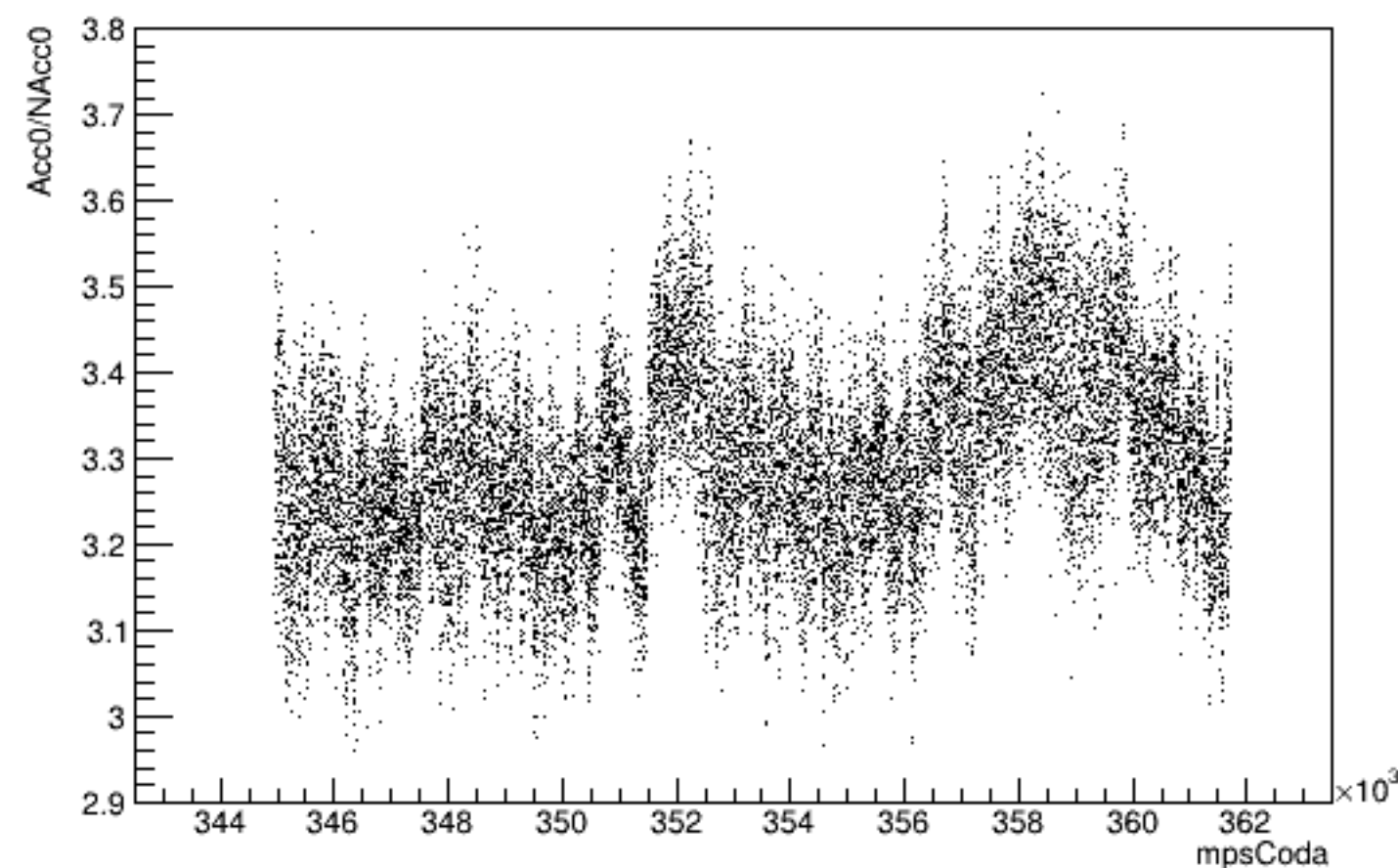
Mean: -0.0011 +/- 0.0628

Std Dev: 1.9833 +/- 0.0444

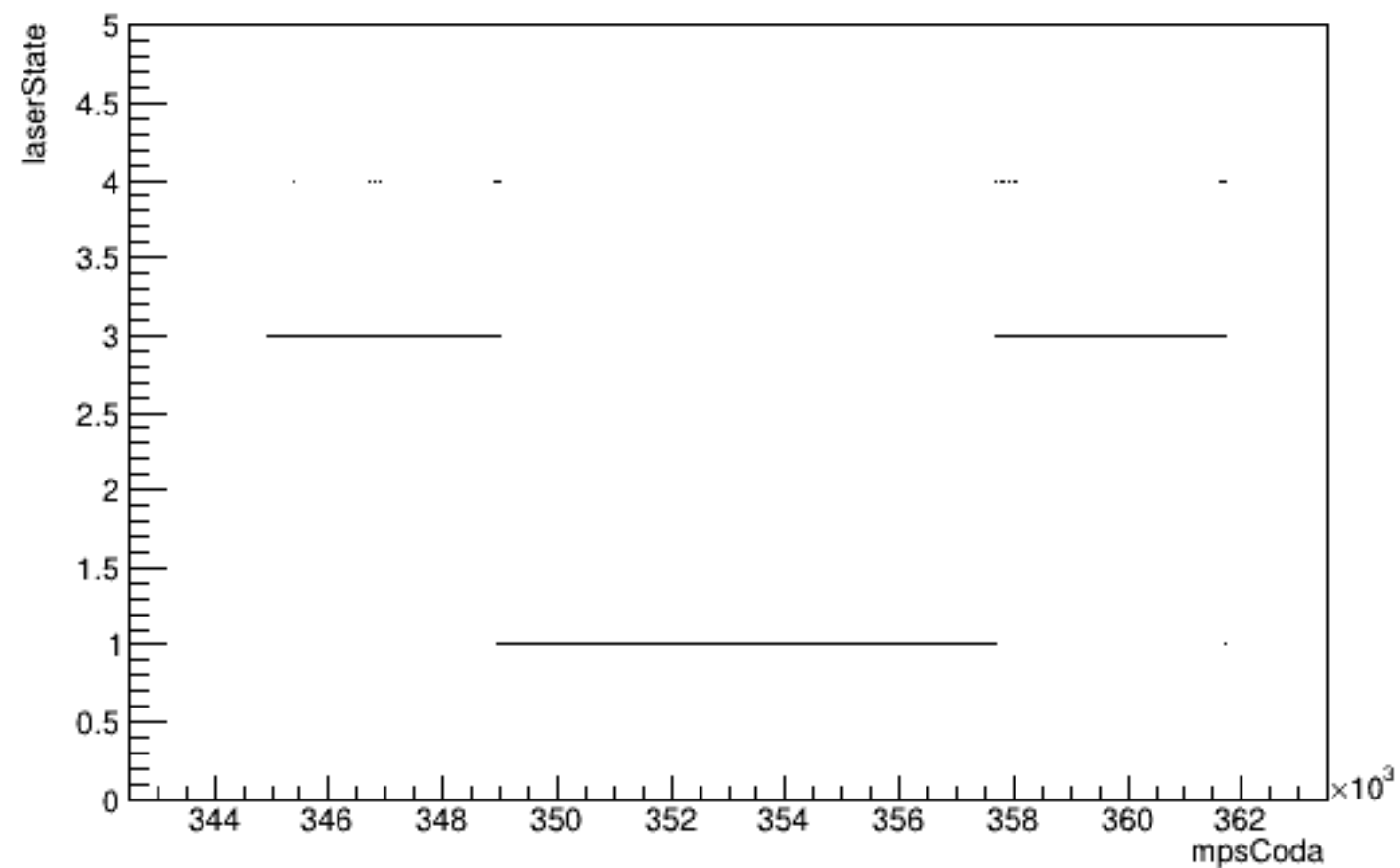
Run 5090 quartetwise, Asyms



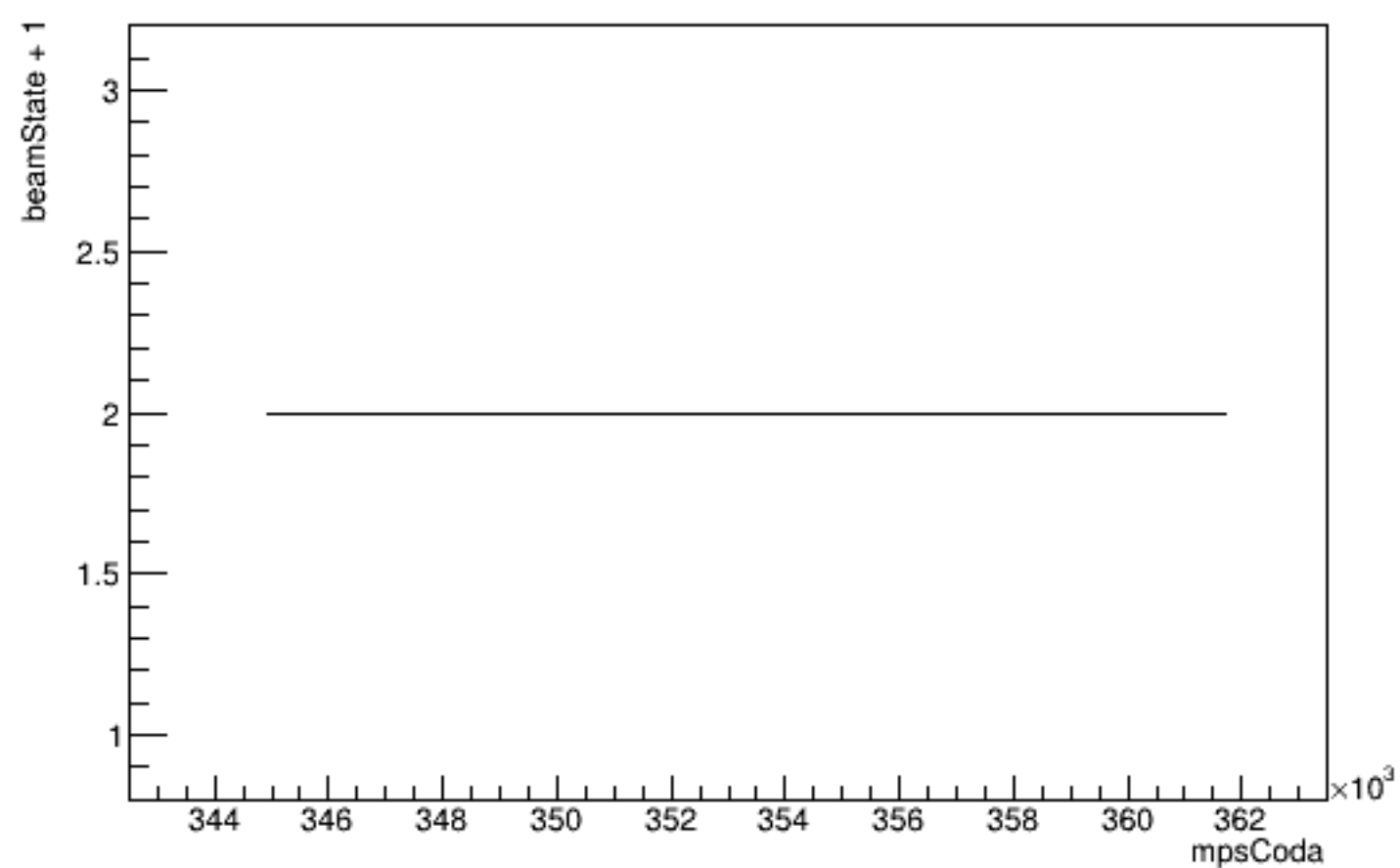
Acc0/NAcc0:mpsCoda (mpsCoda>=344948 && mpsCoda<=361727 && beamState==1)



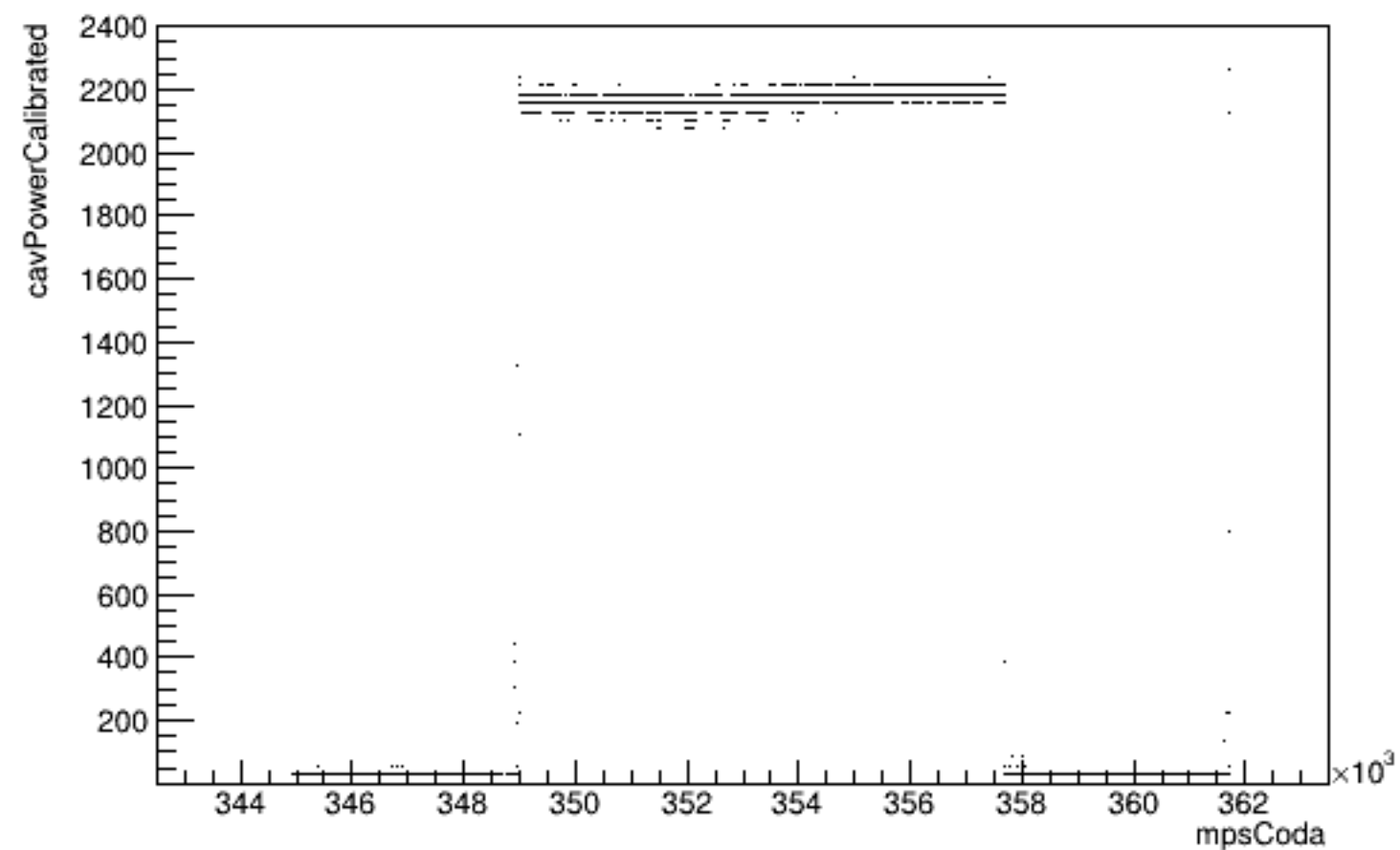
laserState:mpsCoda {mpsCoda>=344948 && mpsCoda<=361727}



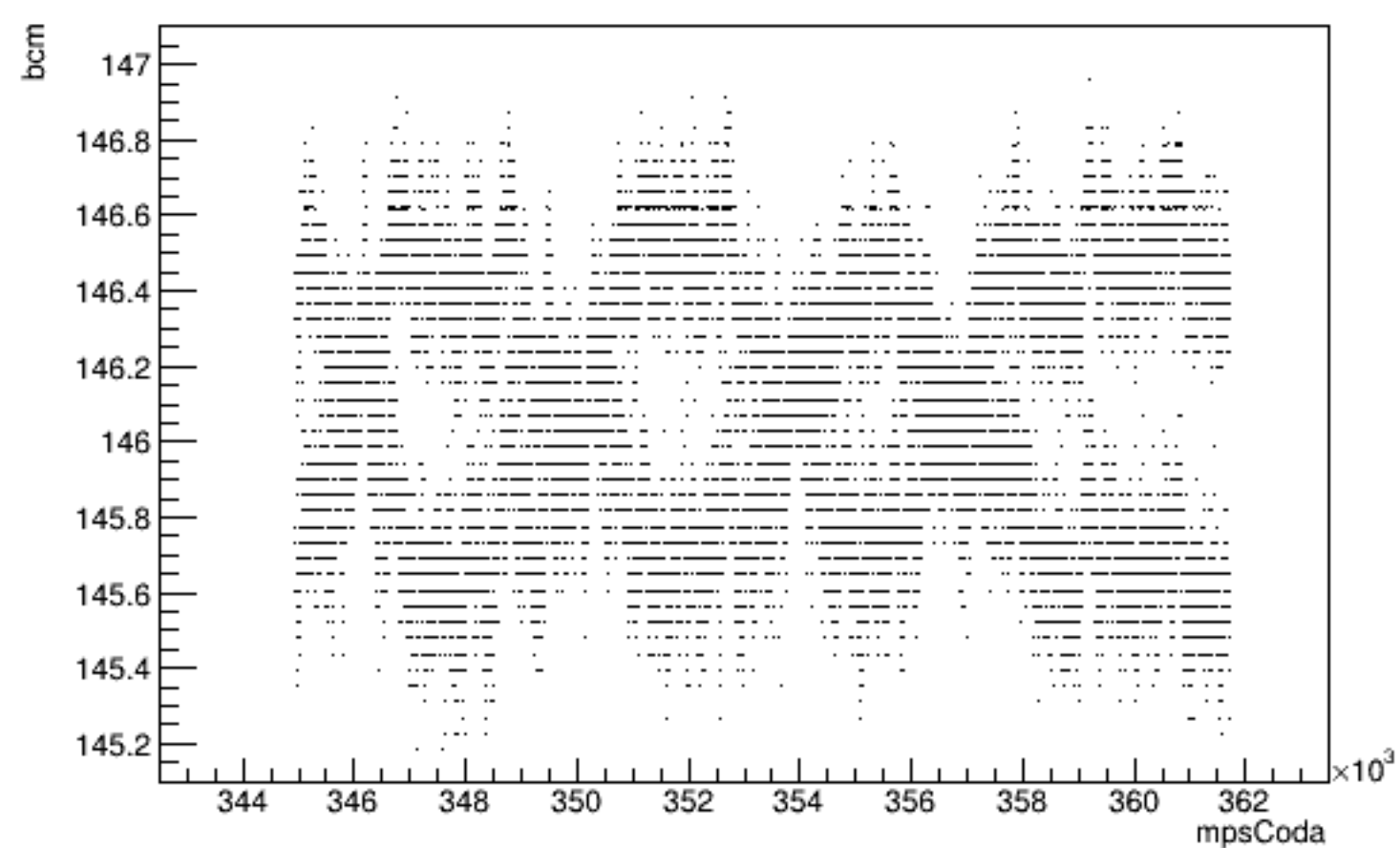
beamState + 1:mpsCoda {mpsCoda>=344948 && mpsCoda<=361727}



cavPowerCalibrated:mpsCoda {mpsCoda>=344948 && mpsCoda<=361727}



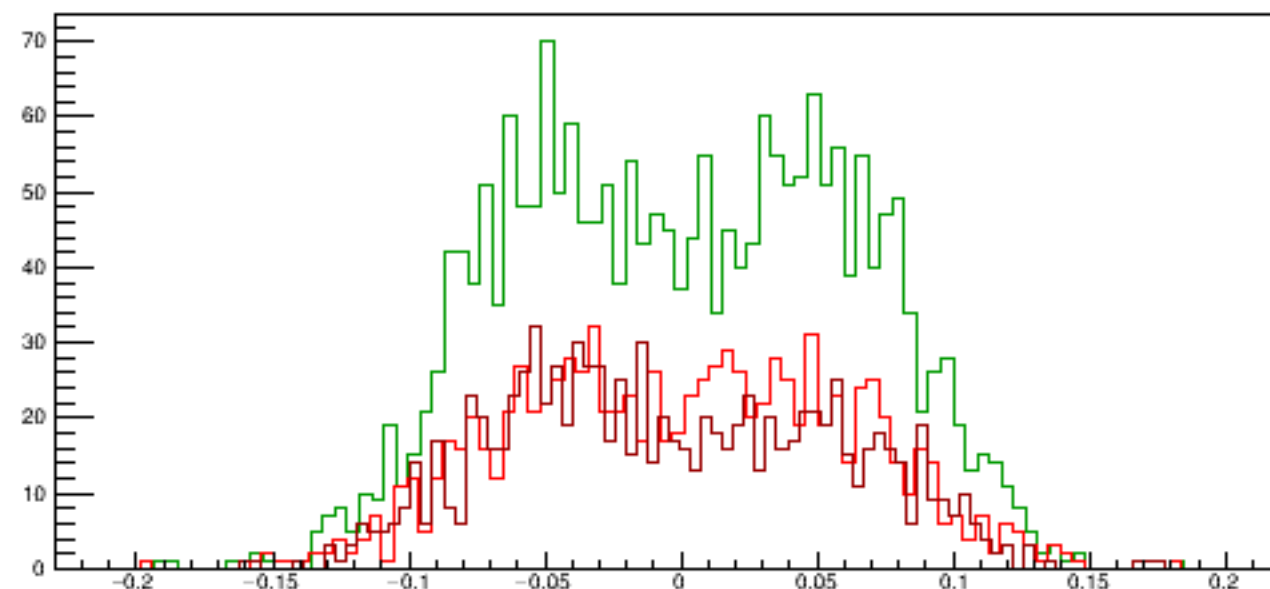
bcm:mpsCoda {mpsCoda>=344948 && mpsCoda<=361727}



Cycle 12, Diffs

Entries: 997	Entries: 2174	Entries: 986
Mean: 0.0000 +/- 0.0019	Mean: 0.0010 +/- 0.0013	Mean: -0.0040 +/- 0.0019
Std Dev: 0.0607 +/- 0.0014	Std Dev: 0.0614 +/- 0.0009	Std Dev: 0.0600 +/- 0.0014

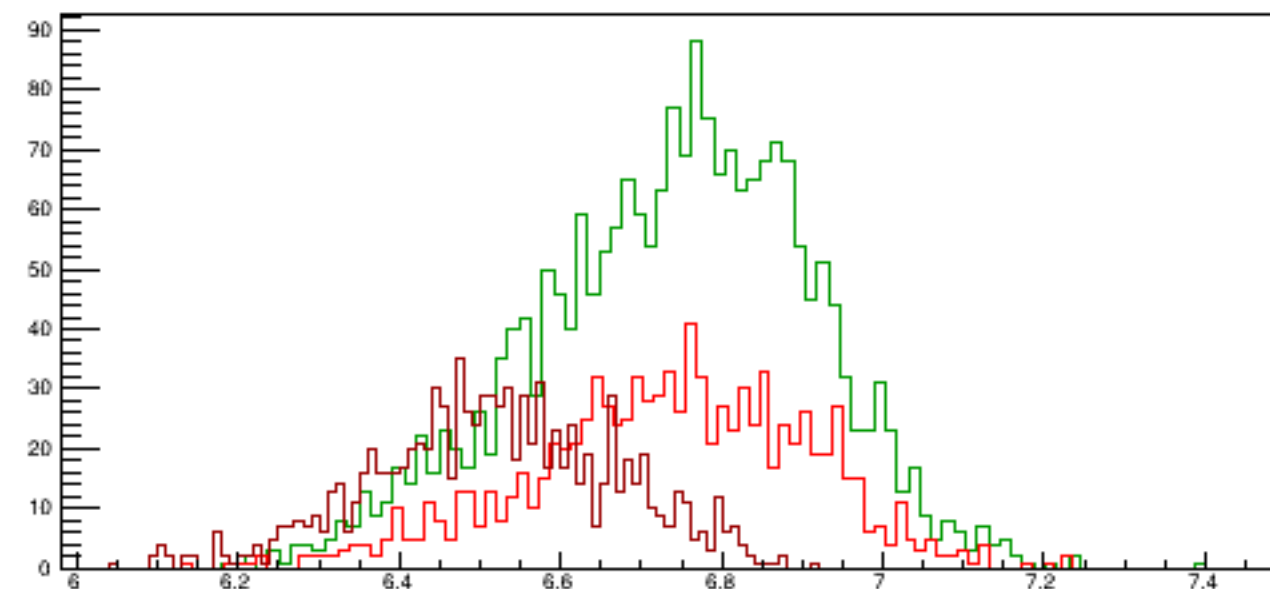
Run 5090 quartetwise, Diffs



Cycle 12, Sums

Entries: 997	Entries: 2174	Entries: 986
Mean: 6.7328 +/- 0.0055	Mean: 6.7376 +/- 0.0037	Mean: 6.5184 +/- 0.0048
Std Dev: 0.1730 +/- 0.0039	Std Dev: 0.1742 +/- 0.0026	Std Dev: 0.1500 +/- 0.0034

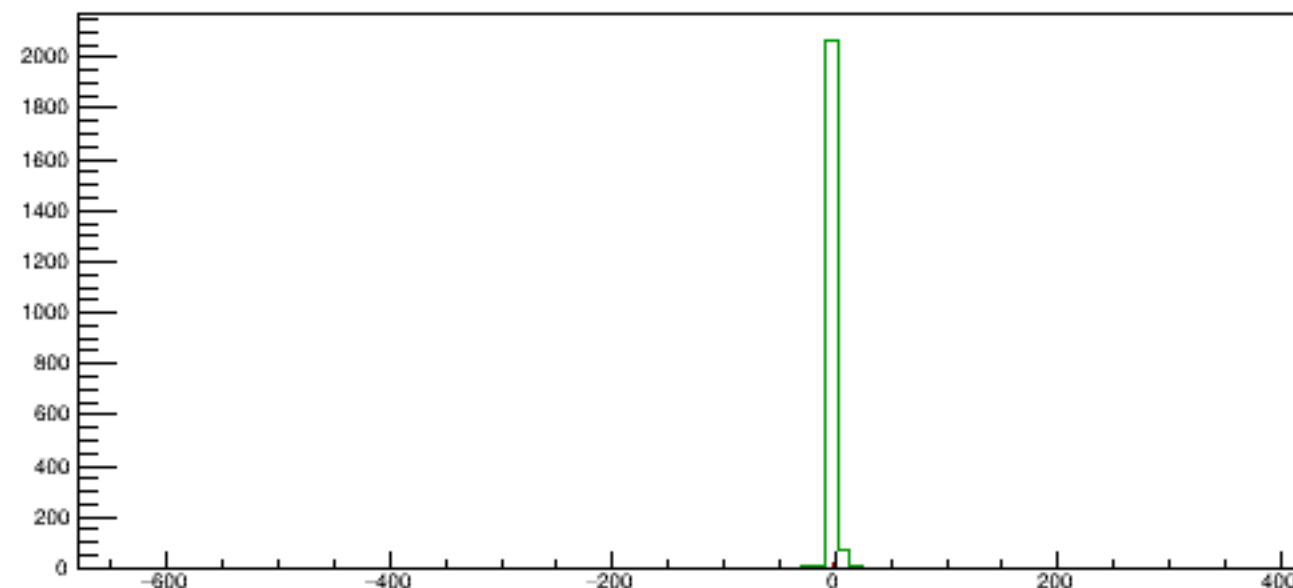
Run 5090 quartetwise, Sums



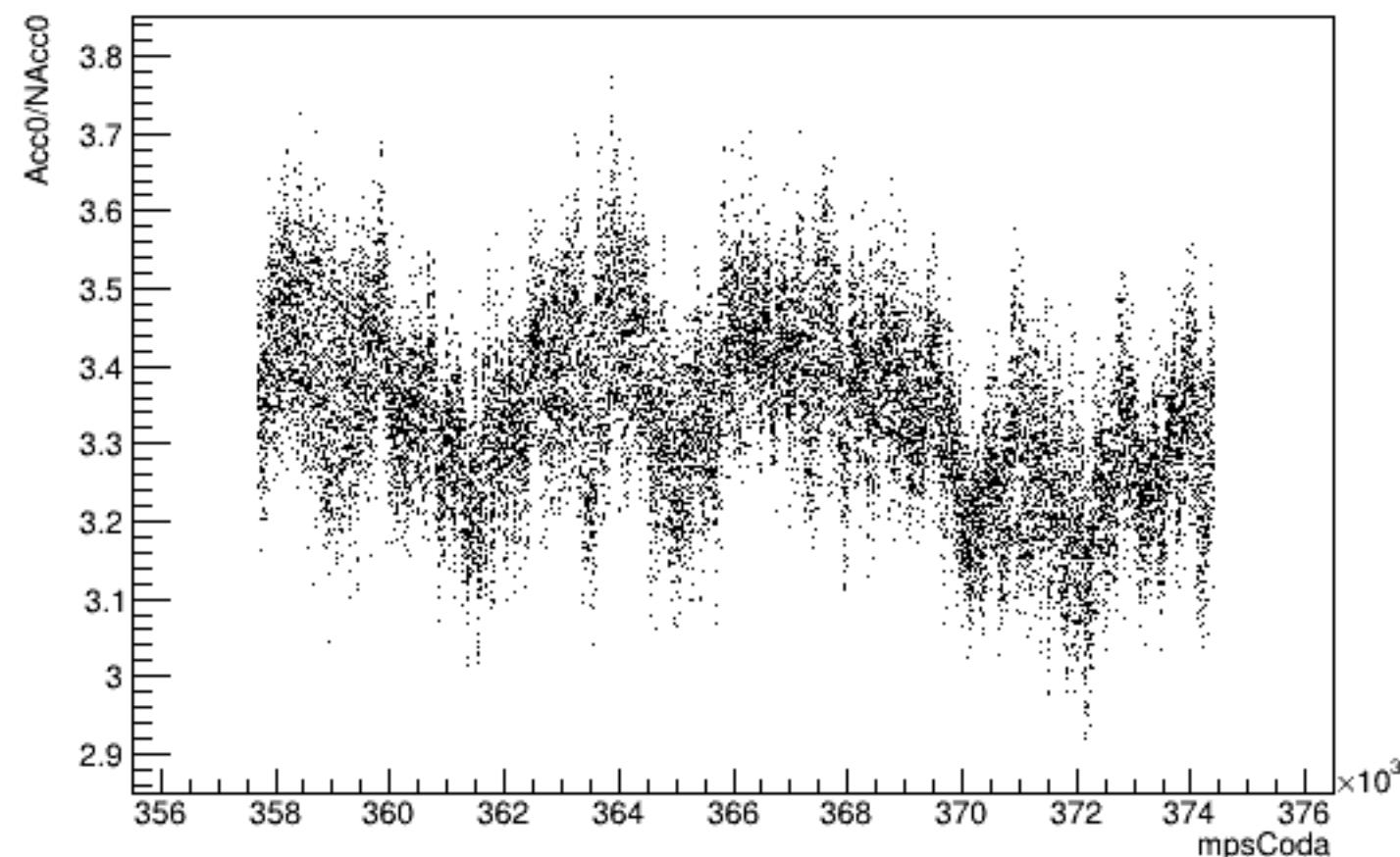
Cycle 12, Asyms

Entries: 997	Entries: 2174	Entries: 986
Mean: 0.0003 +/- 0.0172	Mean: -0.0942 +/- 0.3751	Mean: -0.0361 +/- 0.0171
Std Dev: 0.5419 +/- 0.0121	Std Dev: 17.4904 +/- 0.2653	Std Dev: 0.5359 +/- 0.0121

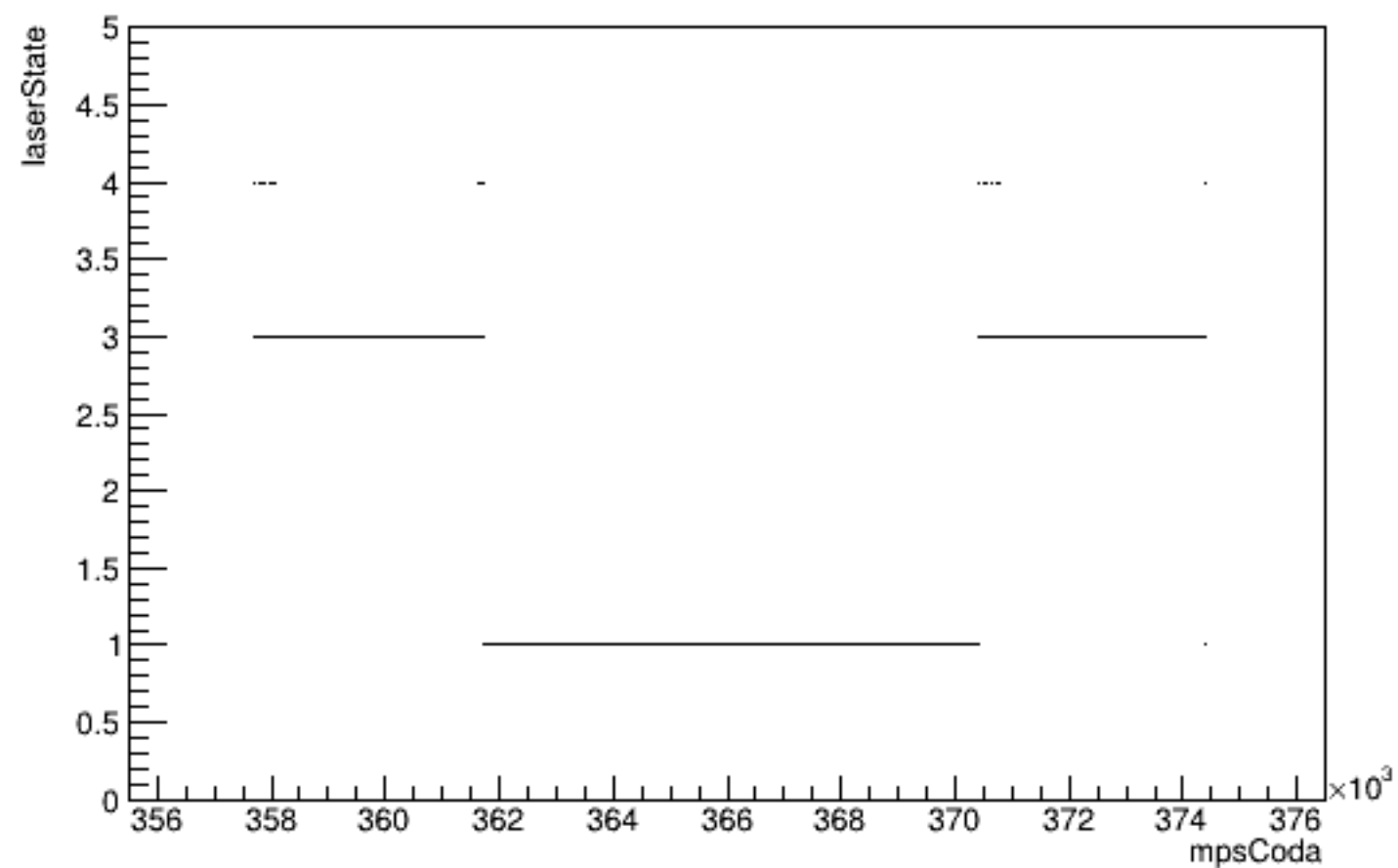
Run 5090 quartetwise, Asyms



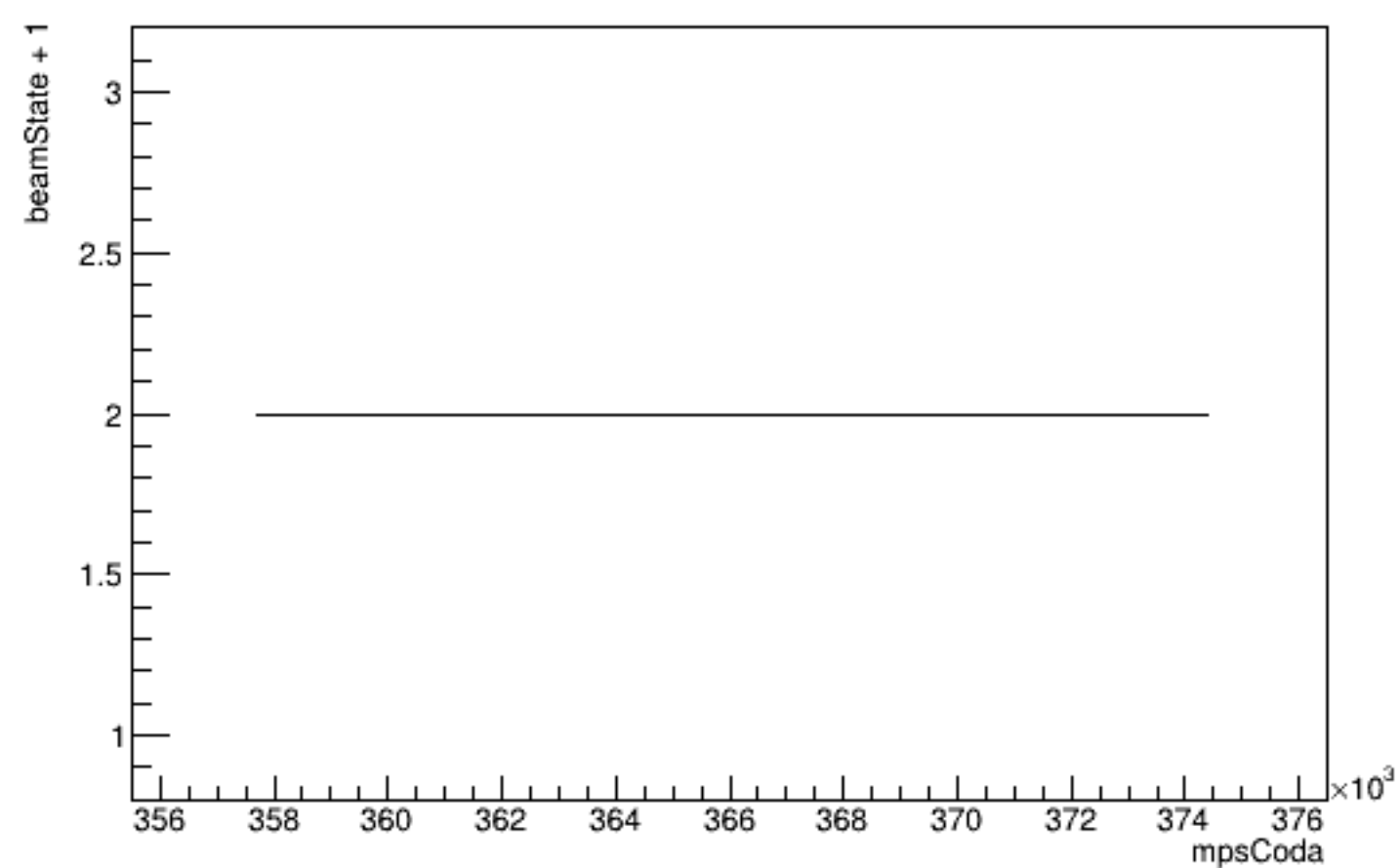
Acc0/NAcc0:mpsCoda (mpsCoda>=357692 && mpsCoda<=374403 && beamState==1)



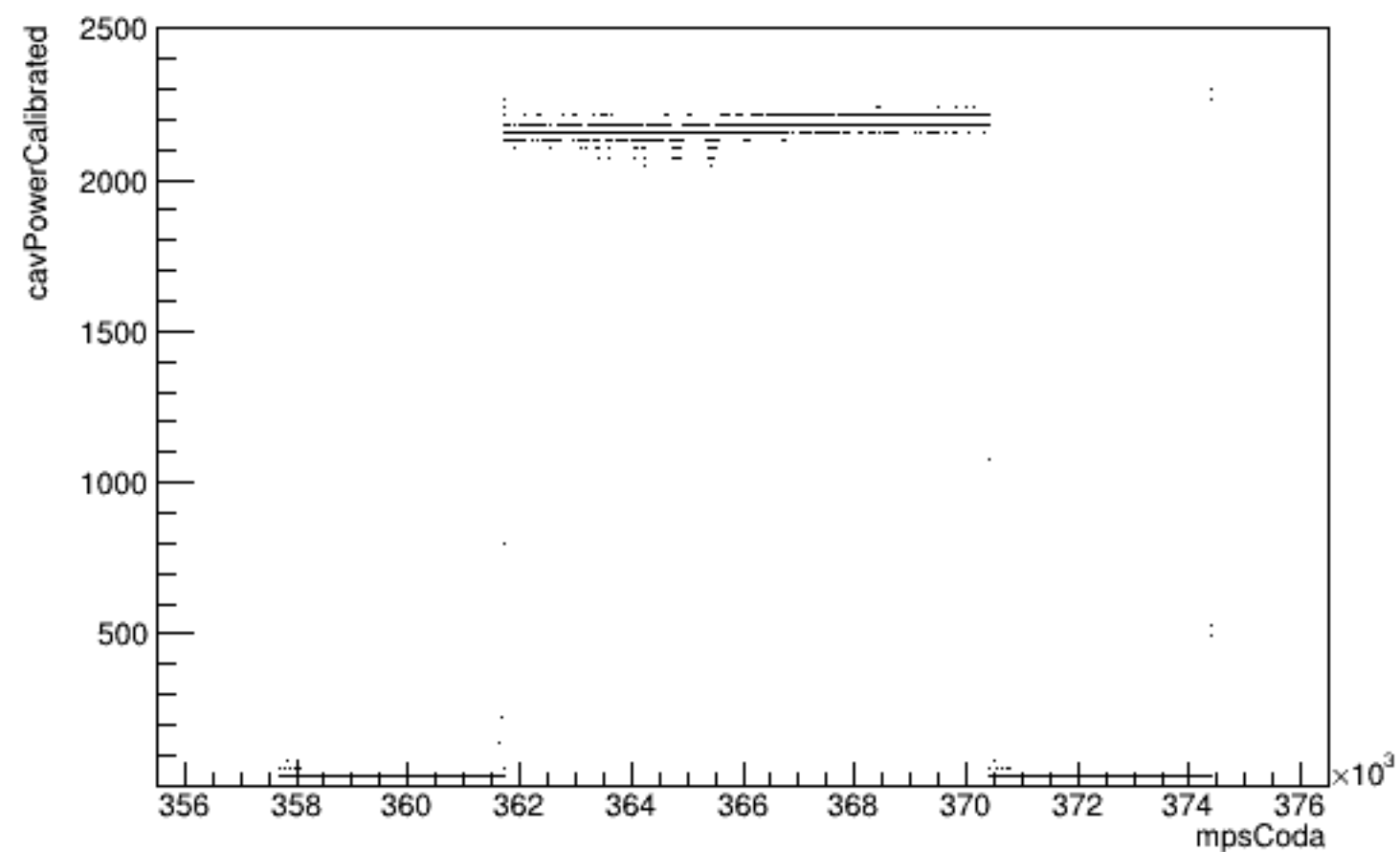
laserState:mpsCoda {mpsCoda>=357692 && mpsCoda<=374403}



beamState + 1:mpsCoda {mpsCoda>=357692 && mpsCoda<=374403}



cavPowerCalibrated:mpsCoda {mpsCoda>=357692 && mpsCoda<=374403}



bcm:mpsCoda {mpsCoda>=357692 && mpsCoda<=374403}

