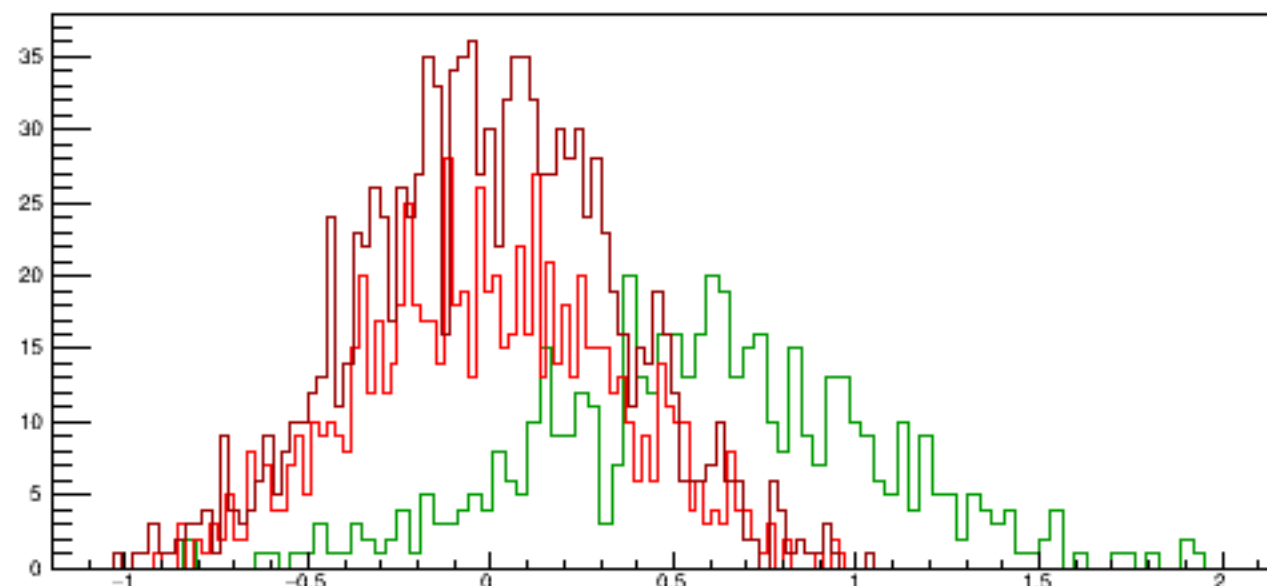


Cycle 1, Diffs

Entries: 848	Entries: 503	Entries: 1164
Mean: -0.0069 +/- 0.0119	Mean: 0.5871 +/- 0.0205	Mean: -0.0051 +/- 0.0102
Std Dev: 0.3477 +/- 0.0084	Std Dev: 0.4608 +/- 0.0145	Std Dev: 0.3478 +/- 0.0072

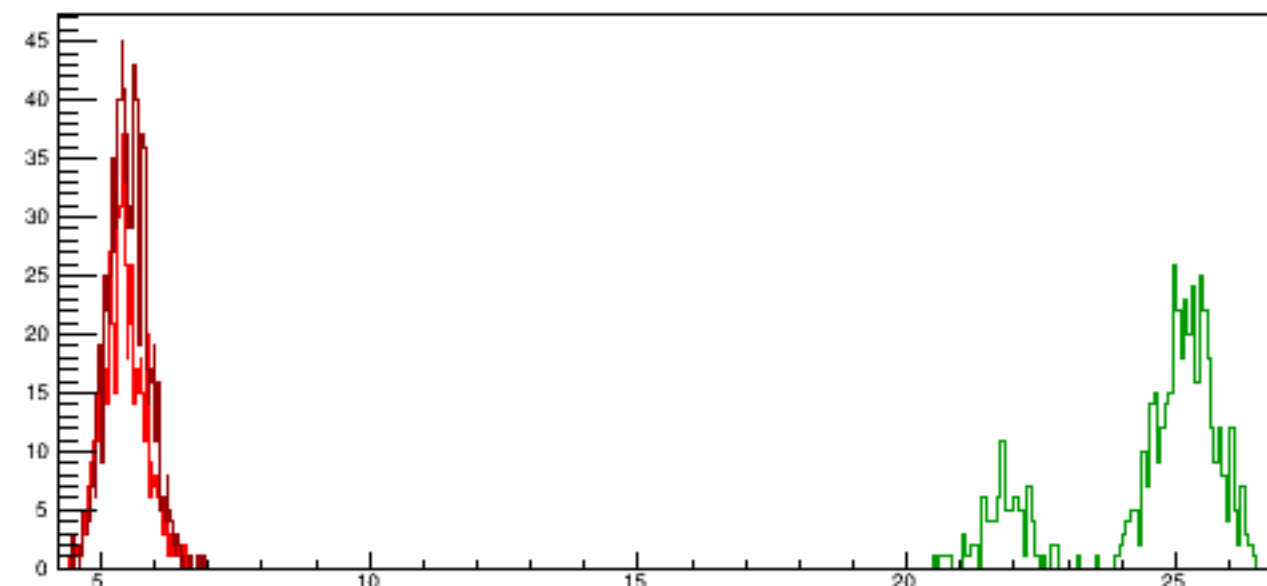
Run 6154 quartetwise, Diffs



Cycle 1, Sums

Entries: 848	Entries: 503	Entries: 1164
Mean: 5.4354 +/- 0.0131	Mean: 24.5801 +/- 0.0629	Mean: 5.5029 +/- 0.0109
Std Dev: 0.3815 +/- 0.0093	Std Dev: 1.4097 +/- 0.0444	Std Dev: 0.3721 +/- 0.0077

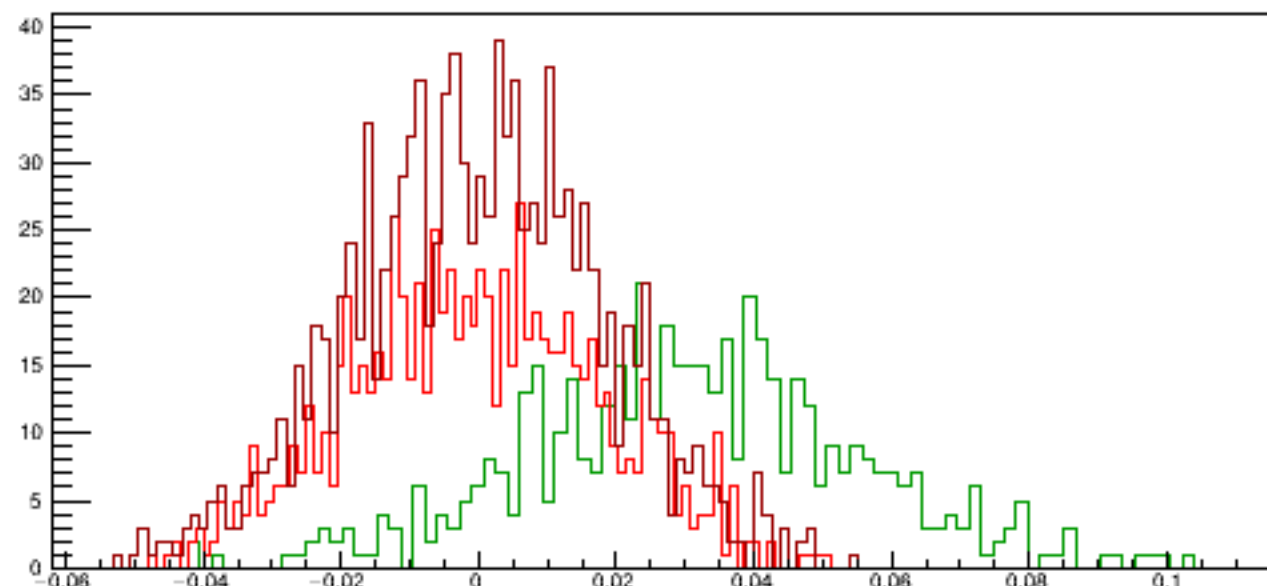
Run 6154 quartetwise, Sums



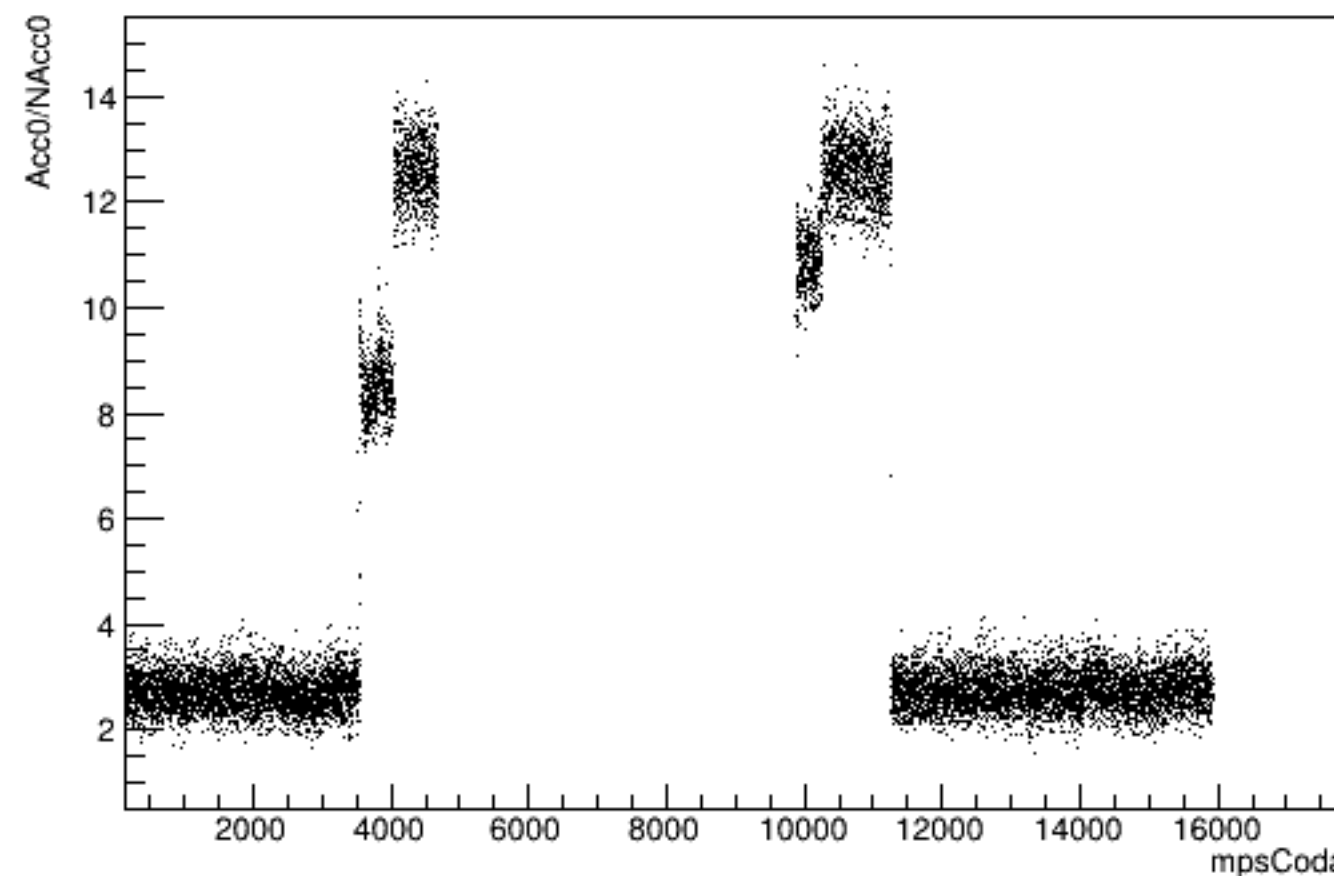
Cycle 1, Asyms

Entries: 848	Entries: 503	Entries: 1164
Mean: -0.0004 +/- 0.0006	Mean: 0.0310 +/- 0.0011	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0182 +/- 0.0004	Std Dev: 0.0244 +/- 0.0008	Std Dev: 0.0182 +/- 0.0004

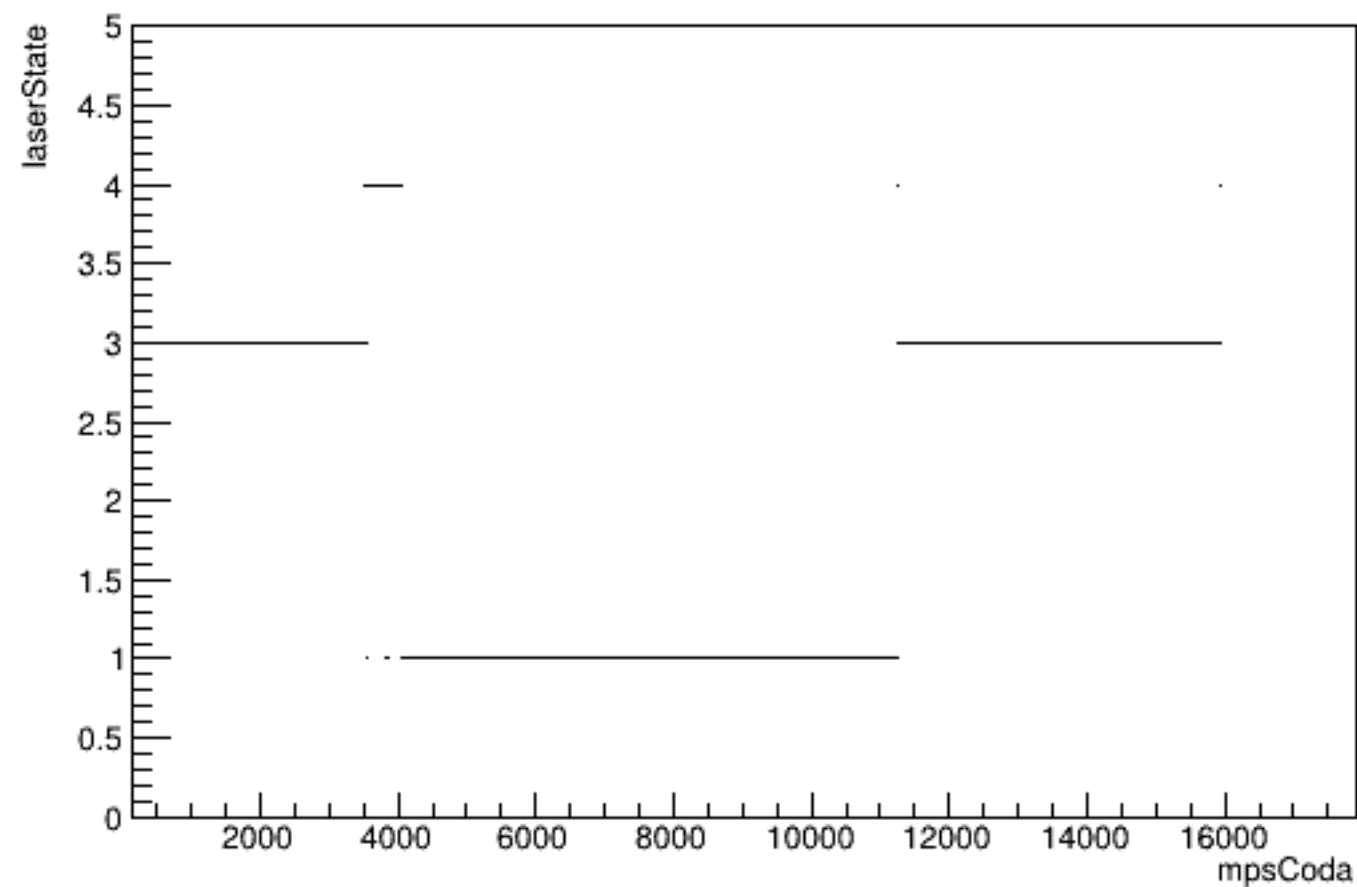
Run 6154 quartetwise, Asyms



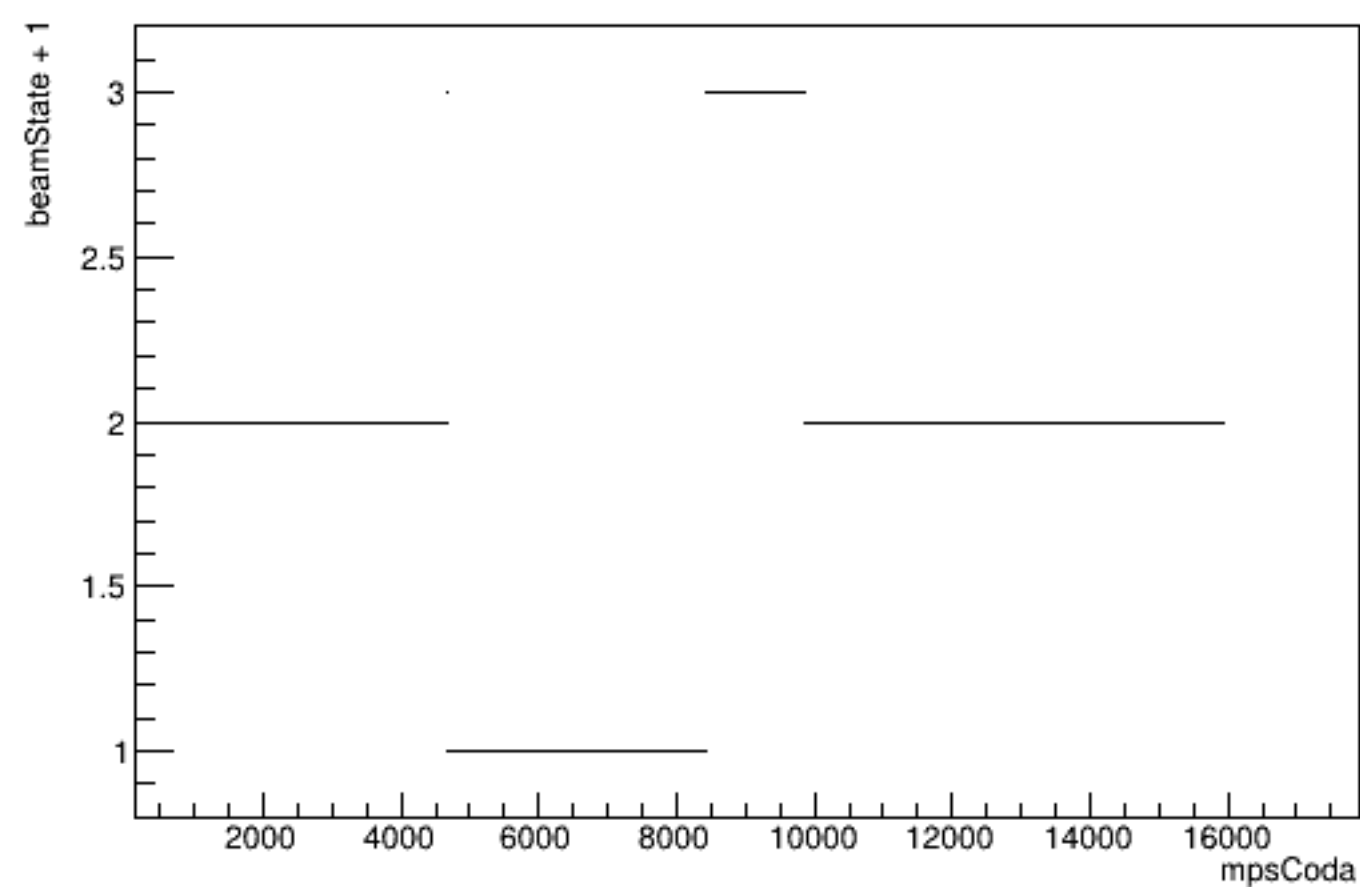
Acc0/NAcc0:mpsCoda {mpsCoda>=137 && mpsCoda<=15924 && beamState==1}



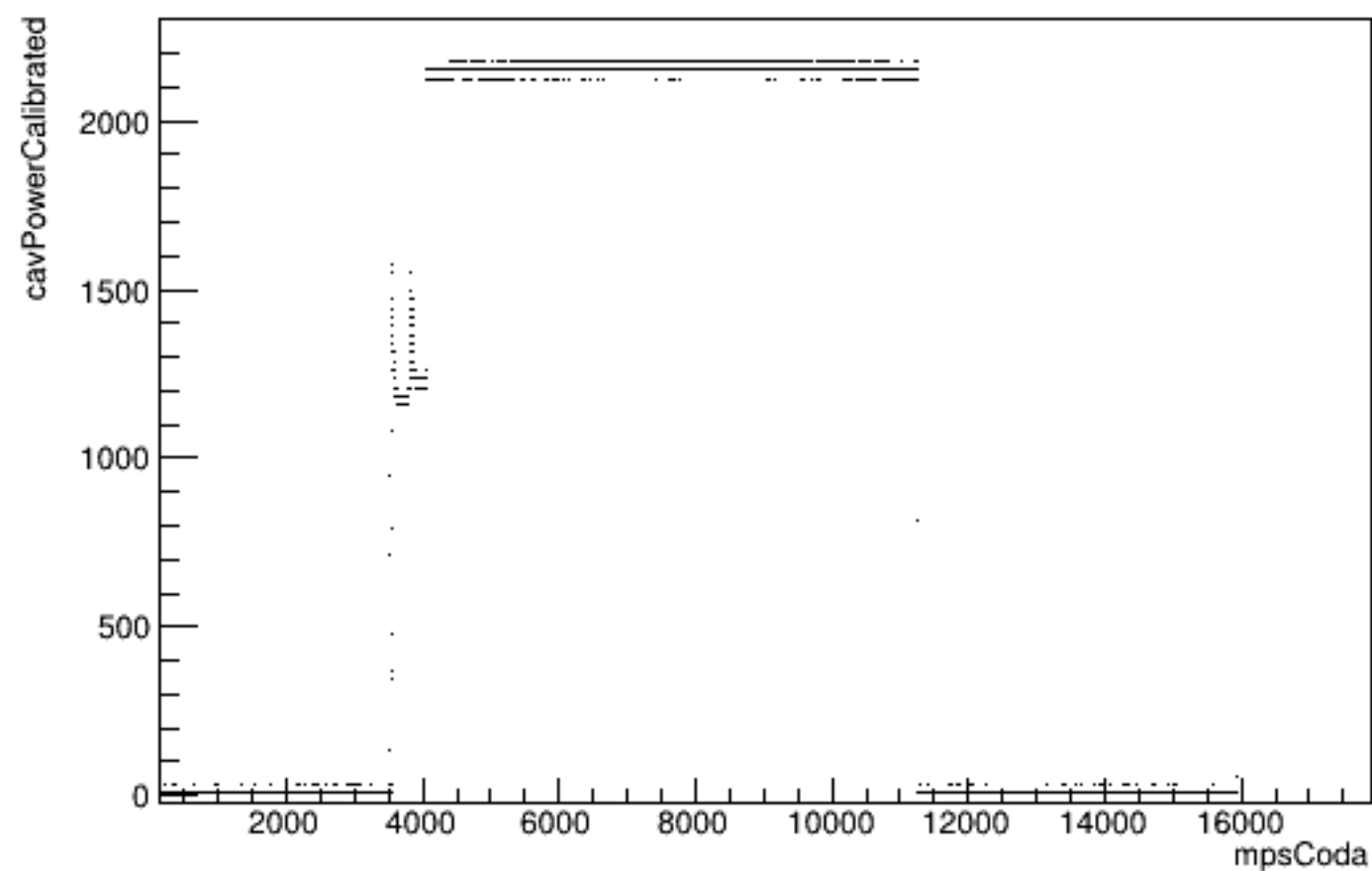
laserState:mpsCoda {mpsCoda>=137 && mpsCoda<=15924}



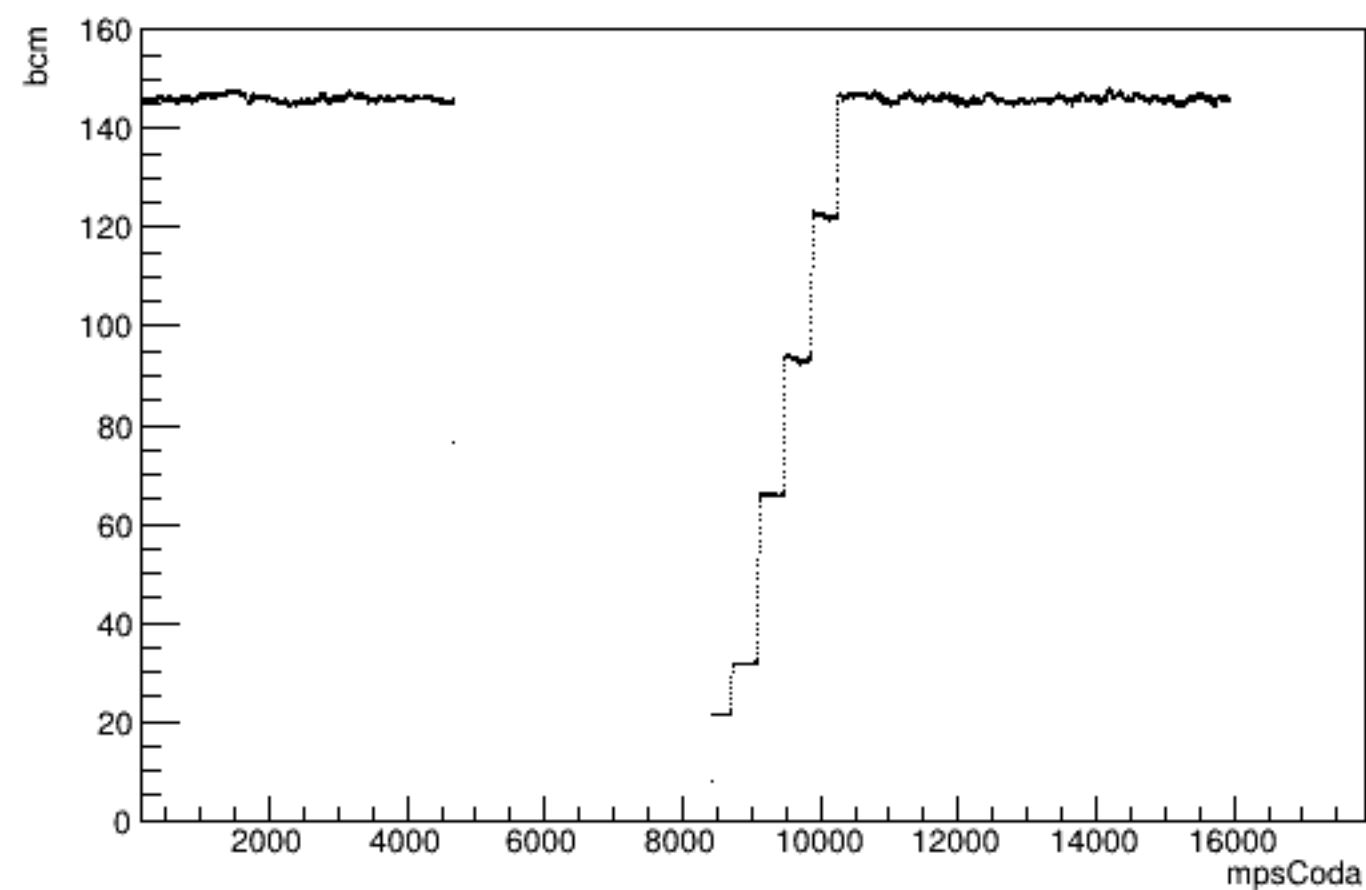
beamState + 1:mpsCoda {mpsCoda>=137 && mpsCoda<=15924}



cavPowerCalibrated:mpsCoda {mpsCoda>=137 && mpsCoda<=15924}



bcm:mpsCoda {mpsCoda>=137 && mpsCoda<=15924}



Cycle 2, Diffs

Entries: 1173

Mean: 0.0203 +/- 0.0103

Std Dev: 0.3531 +/- 0.0073

Entries: 1801

Mean: 0.6289 +/- 0.0115

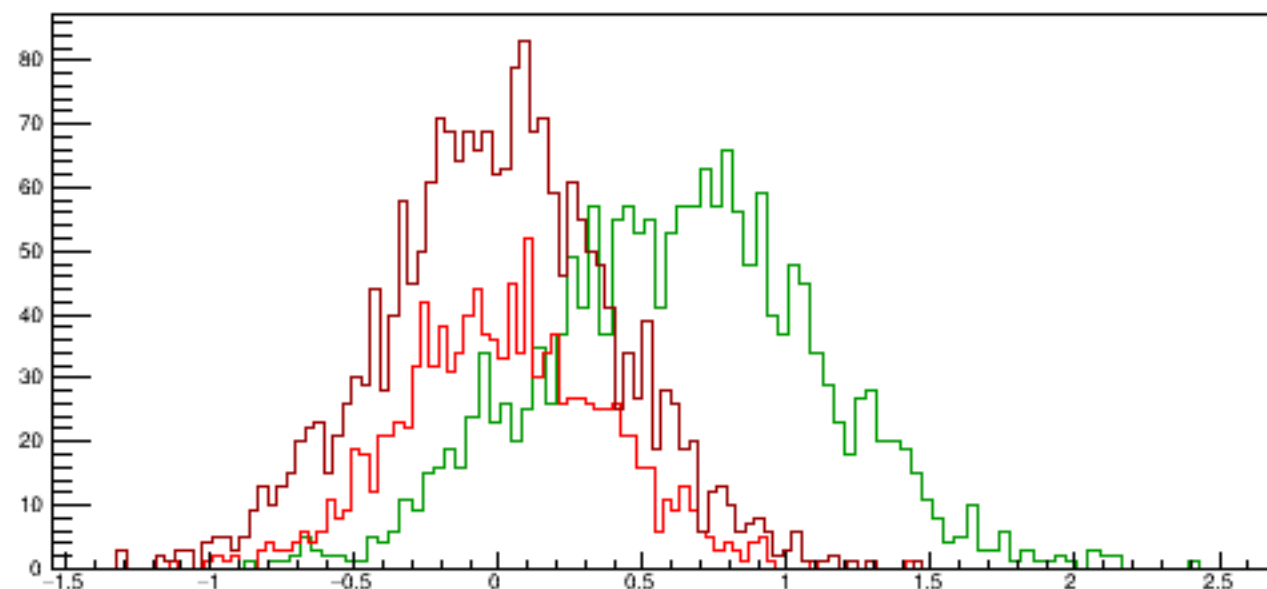
Std Dev: 0.4863 +/- 0.0081

Entries: 2125

Mean: -0.0017 +/- 0.0088

Std Dev: 0.4042 +/- 0.0062

Run 6154 quartetwise, Diffs



Cycle 2, Sums

Entries: 1173

Mean: 5.4685 +/- 0.0115

Std Dev: 0.3931 +/- 0.0081

Entries: 1801

Mean: 25.1472 +/- 0.0121

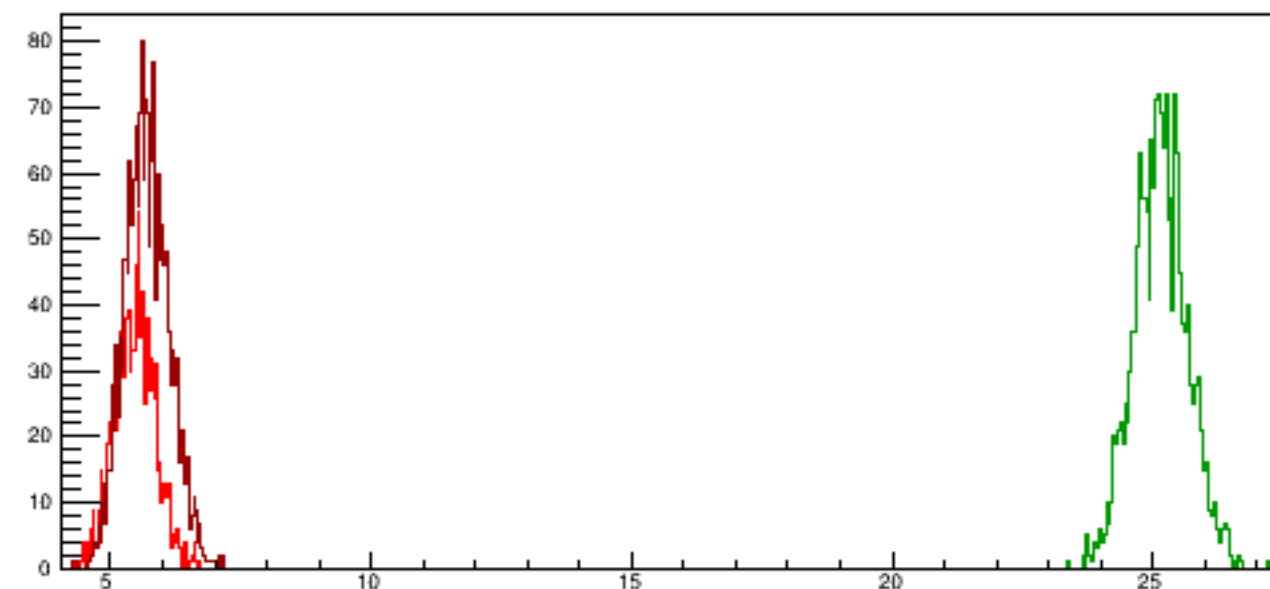
Std Dev: 0.5114 +/- 0.0085

Entries: 2125

Mean: 5.7029 +/- 0.0091

Std Dev: 0.4201 +/- 0.0064

Run 6154 quartetwise, Sums



Cycle 2, Asyms

Entries: 1173

Mean: 0.0010 +/- 0.0005

Std Dev: 0.0181 +/- 0.0004

Entries: 1801

Mean: 0.0322 +/- 0.0006

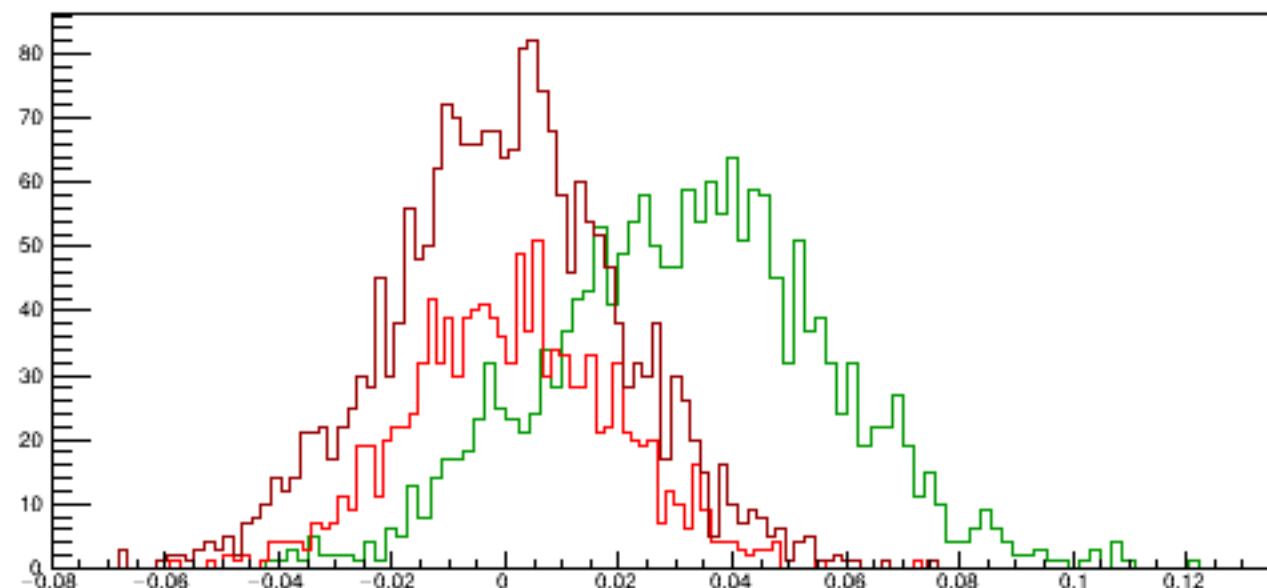
Std Dev: 0.0249 +/- 0.0004

Entries: 2125

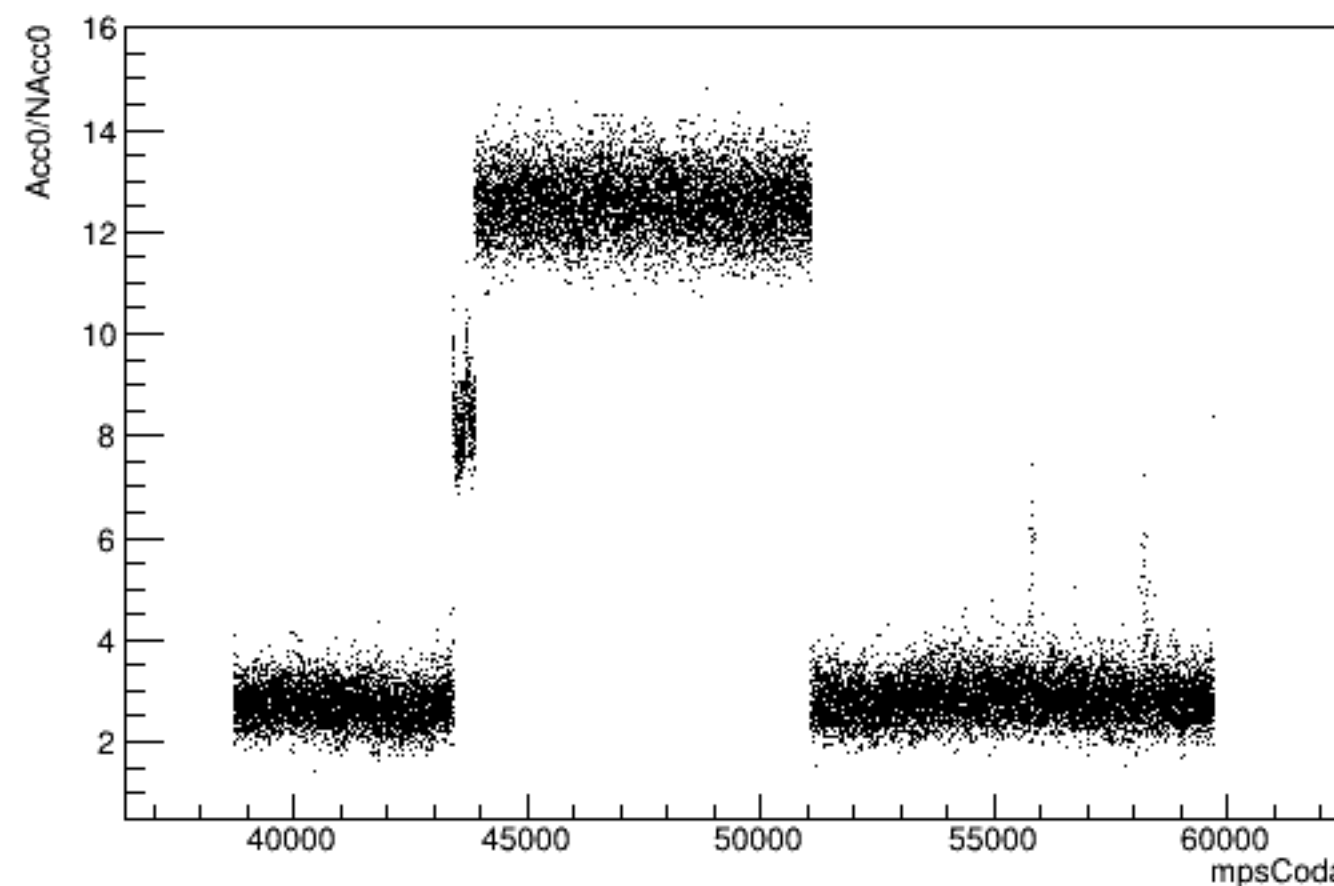
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0207 +/- 0.0003

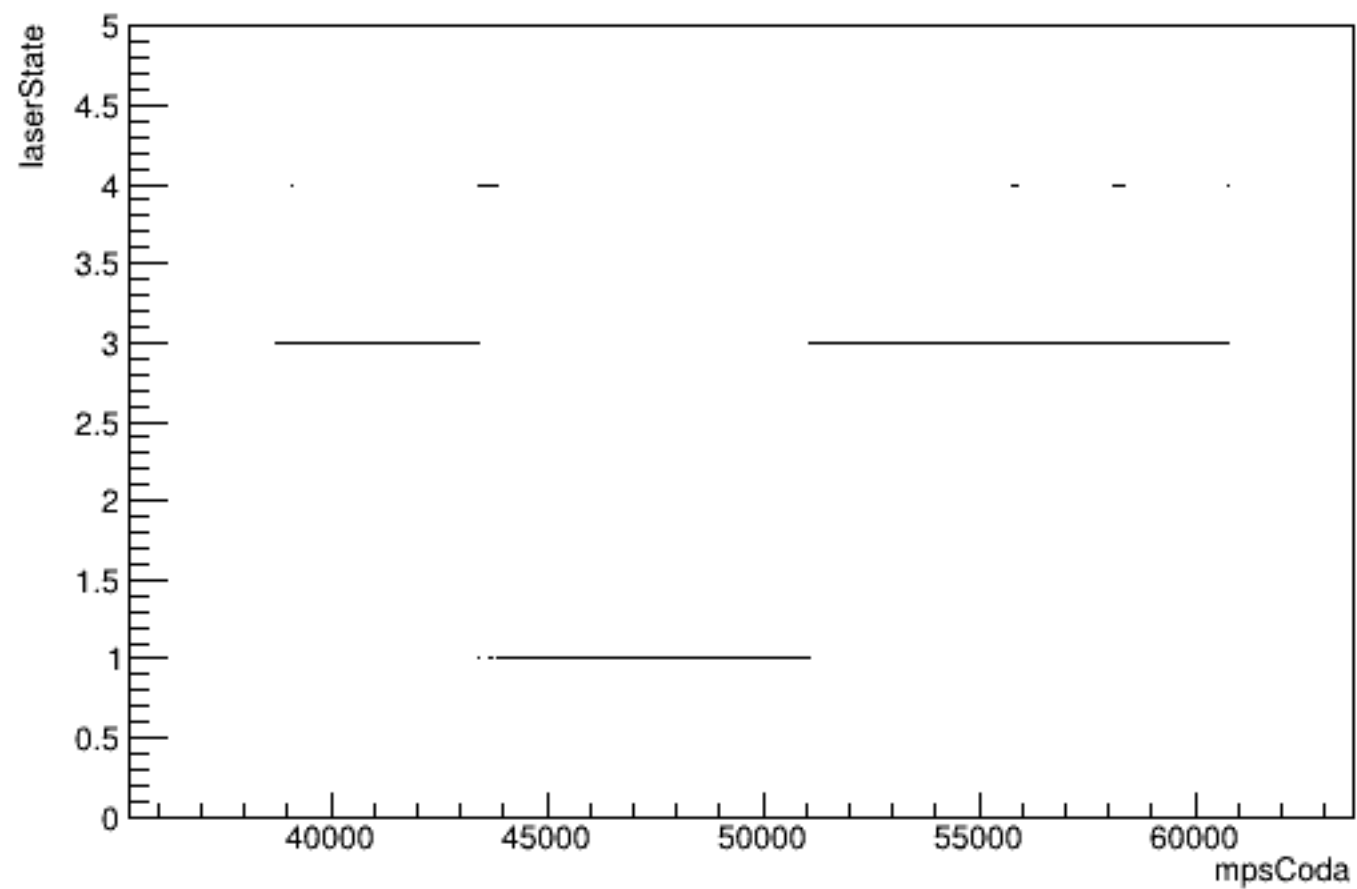
Run 6154 quartetwise, Asyms



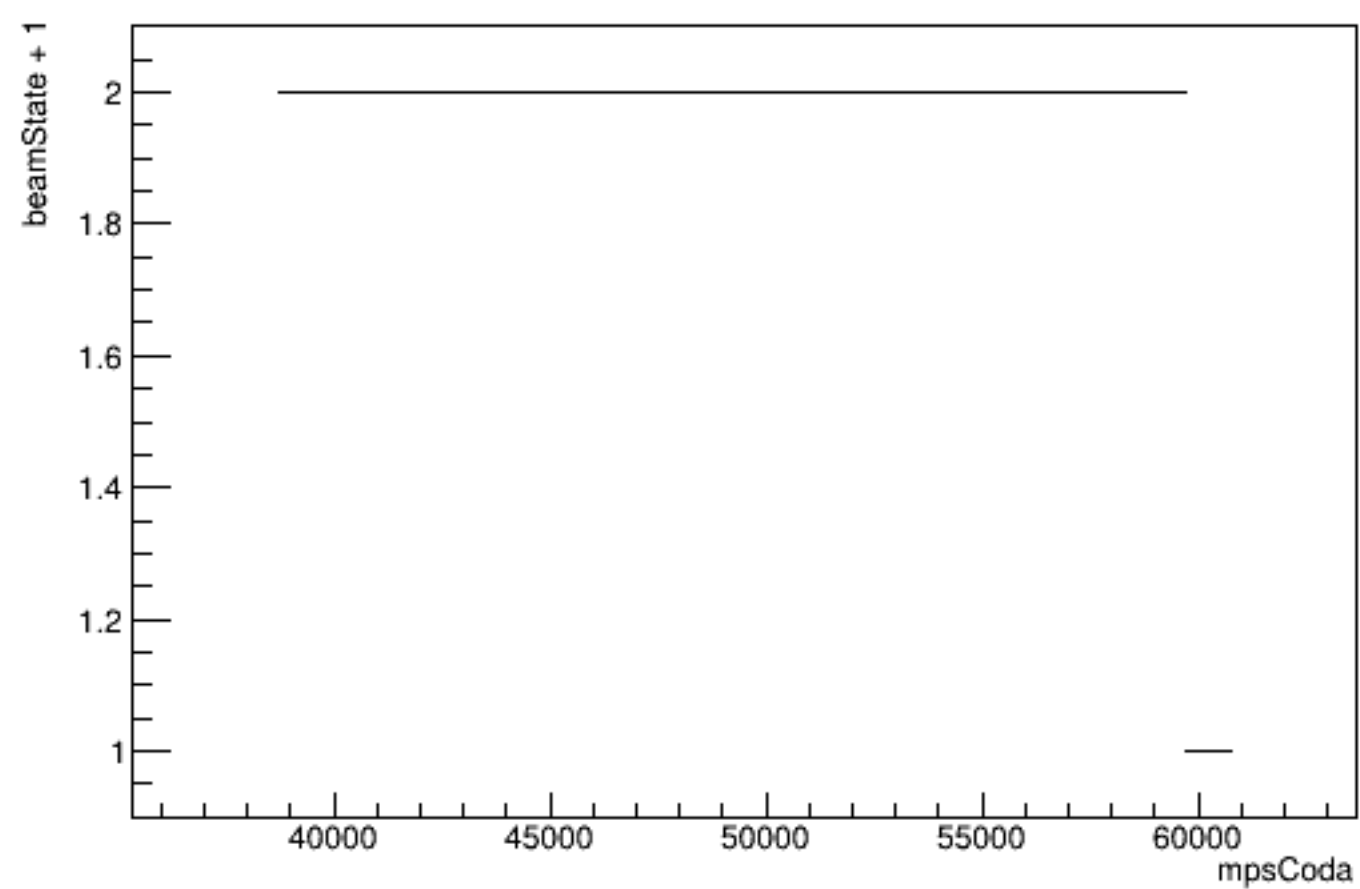
Acc0/NAcc0:mpsCoda {mpsCoda>=38705 && mpsCoda<=60792 && beamState==1}



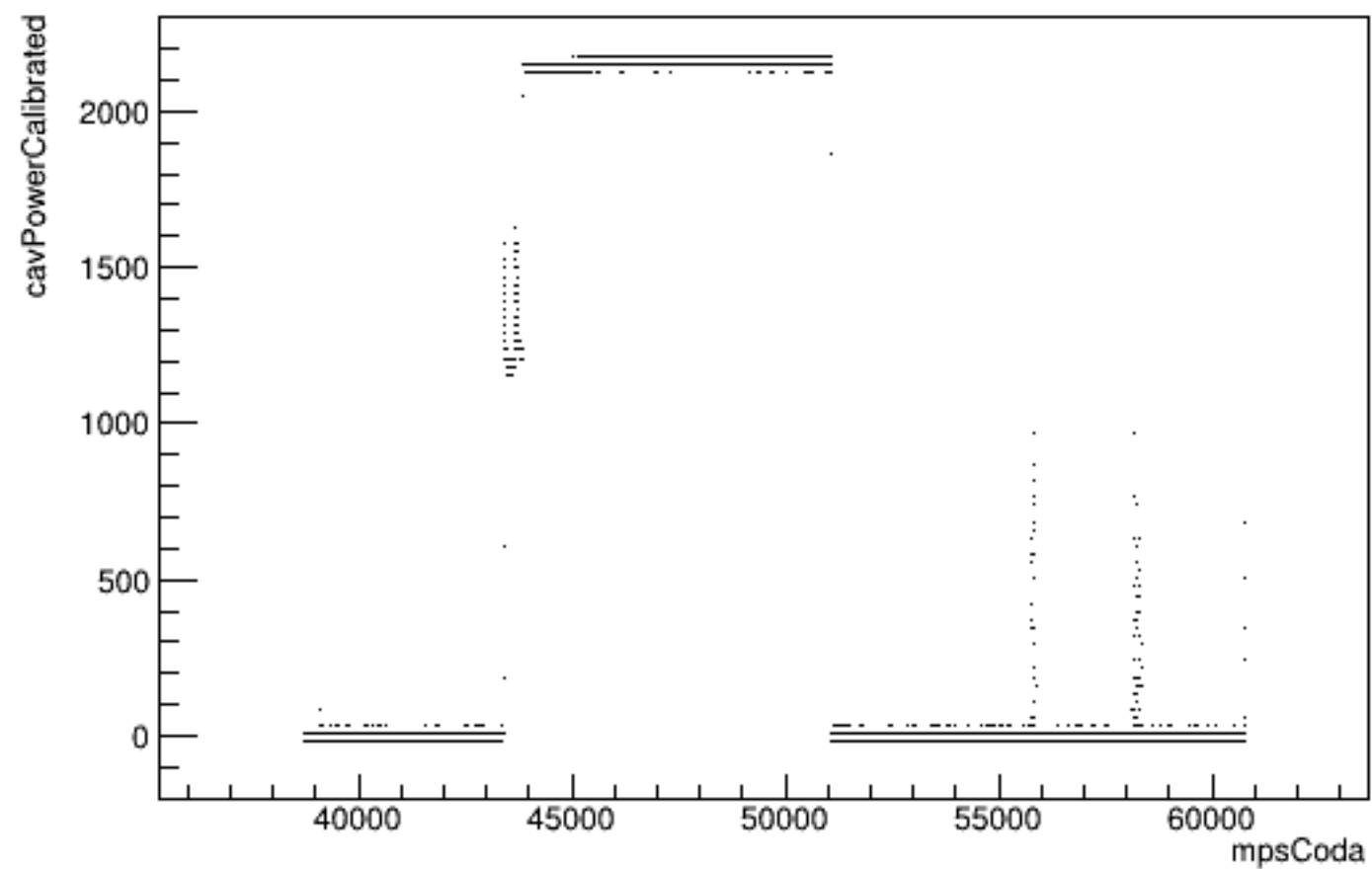
laserState:mpsCoda {mpsCoda>=38705 && mpsCoda<=60792}



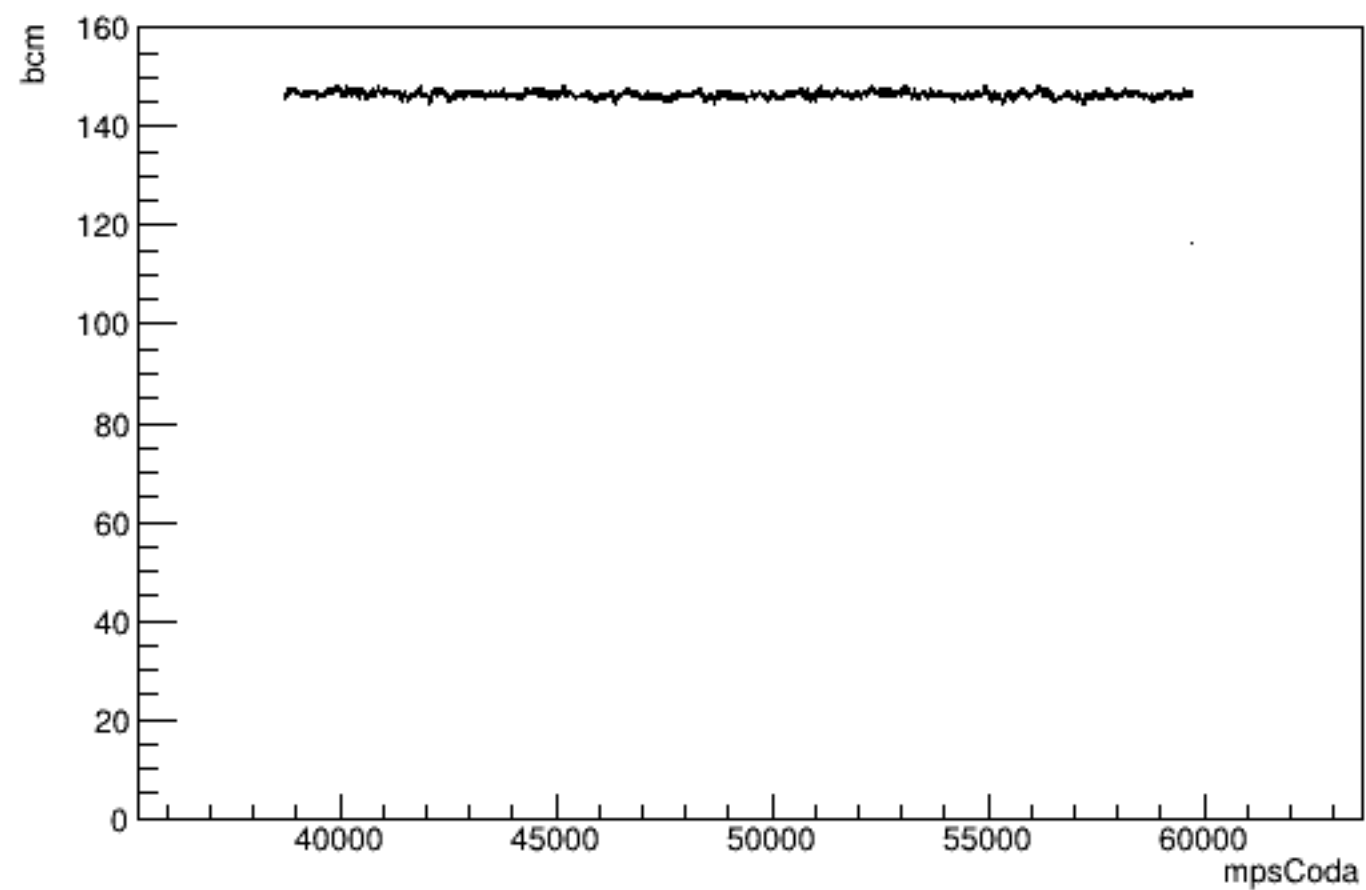
beamState + 1:mpsCoda {mpsCoda>=38705 && mpsCoda<=60792}



cavPowerCalibrated:mpsCoda {mpsCoda>=38705 && mpsCoda<=60792}



bcm:mpsCoda {mpsCoda>=38705 && mpsCoda<=60792}



Cycle 3, Diffs

Entries: 2125

Mean: -0.0017 +/- 0.0088

Std Dev: 0.4042 +/- 0.0062

Entries: 803

Mean: 0.6215 +/- 0.0179

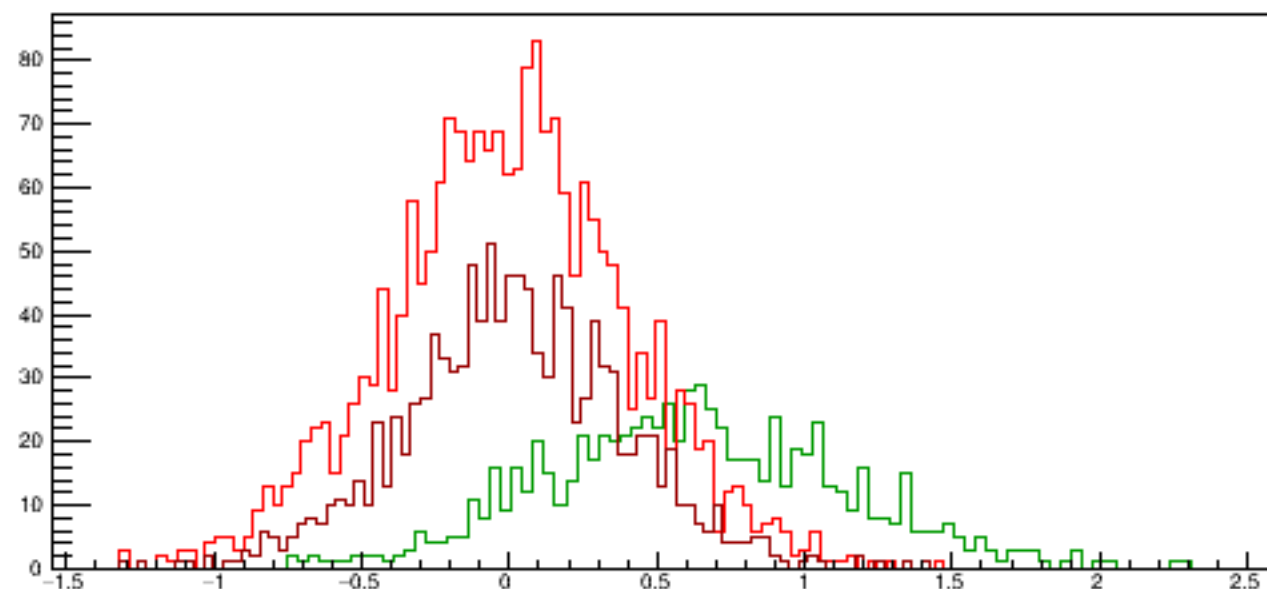
Std Dev: 0.5060 +/- 0.0126

Entries: 1176

Mean: 0.0170 +/- 0.0109

Std Dev: 0.3732 +/- 0.0077

Run 6154 quartetwise, Diffs



Cycle 3, Sums

Entries: 2125

Mean: 5.7029 +/- 0.0091

Std Dev: 0.4201 +/- 0.0064

Entries: 803

Mean: 24.8567 +/- 0.0401

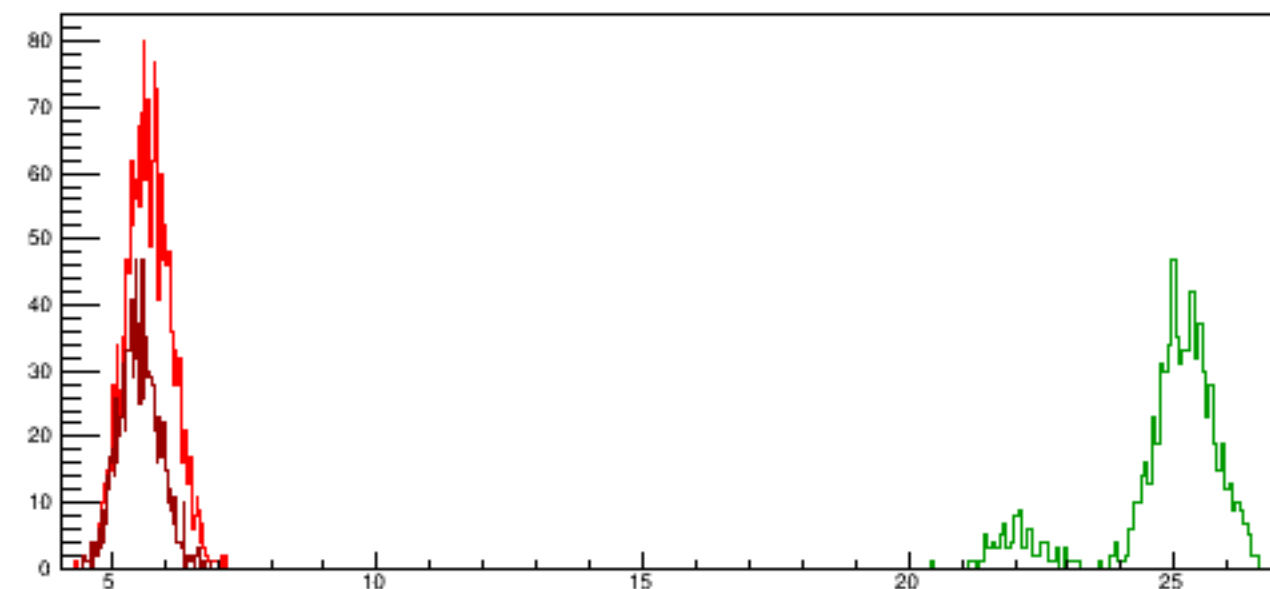
Std Dev: 1.1361 +/- 0.0284

Entries: 1176

Mean: 5.5220 +/- 0.0111

Std Dev: 0.3793 +/- 0.0078

Run 6154 quartetwise, Sums



Cycle 3, Asyms

Entries: 2125

Mean: -0.0001 +/- 0.0005

Std Dev: 0.0210 +/- 0.0003

Entries: 803

Mean: 0.0323 +/- 0.0009

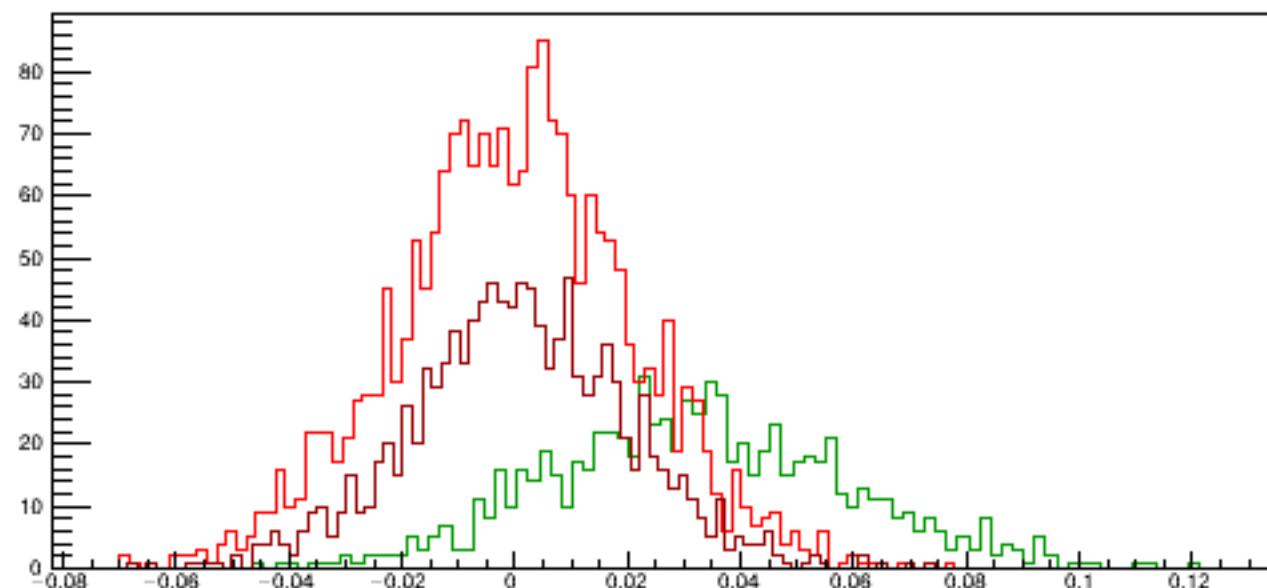
Std Dev: 0.0264 +/- 0.0007

Entries: 1176

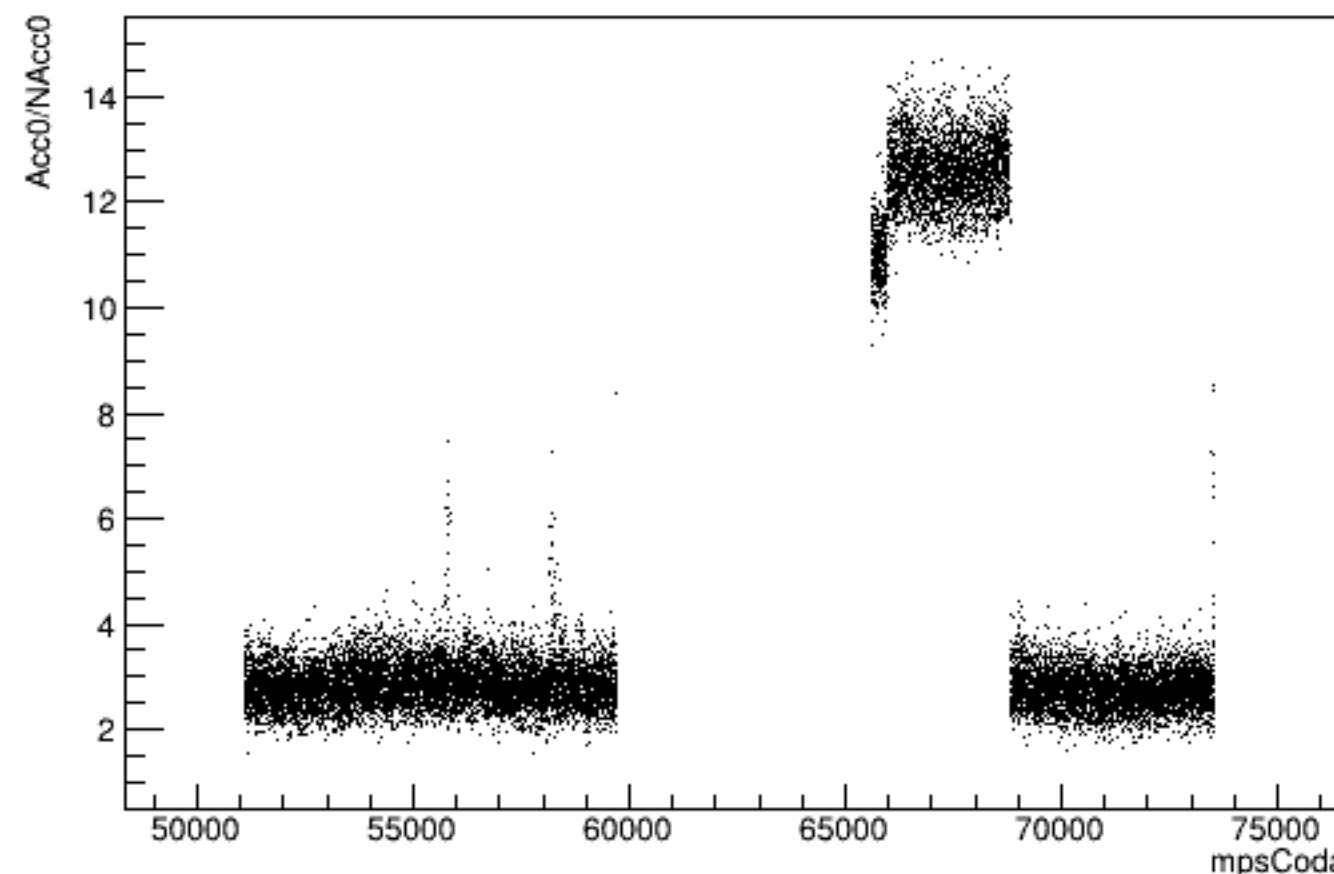
Mean: 0.0009 +/- 0.0006

Std Dev: 0.0194 +/- 0.0004

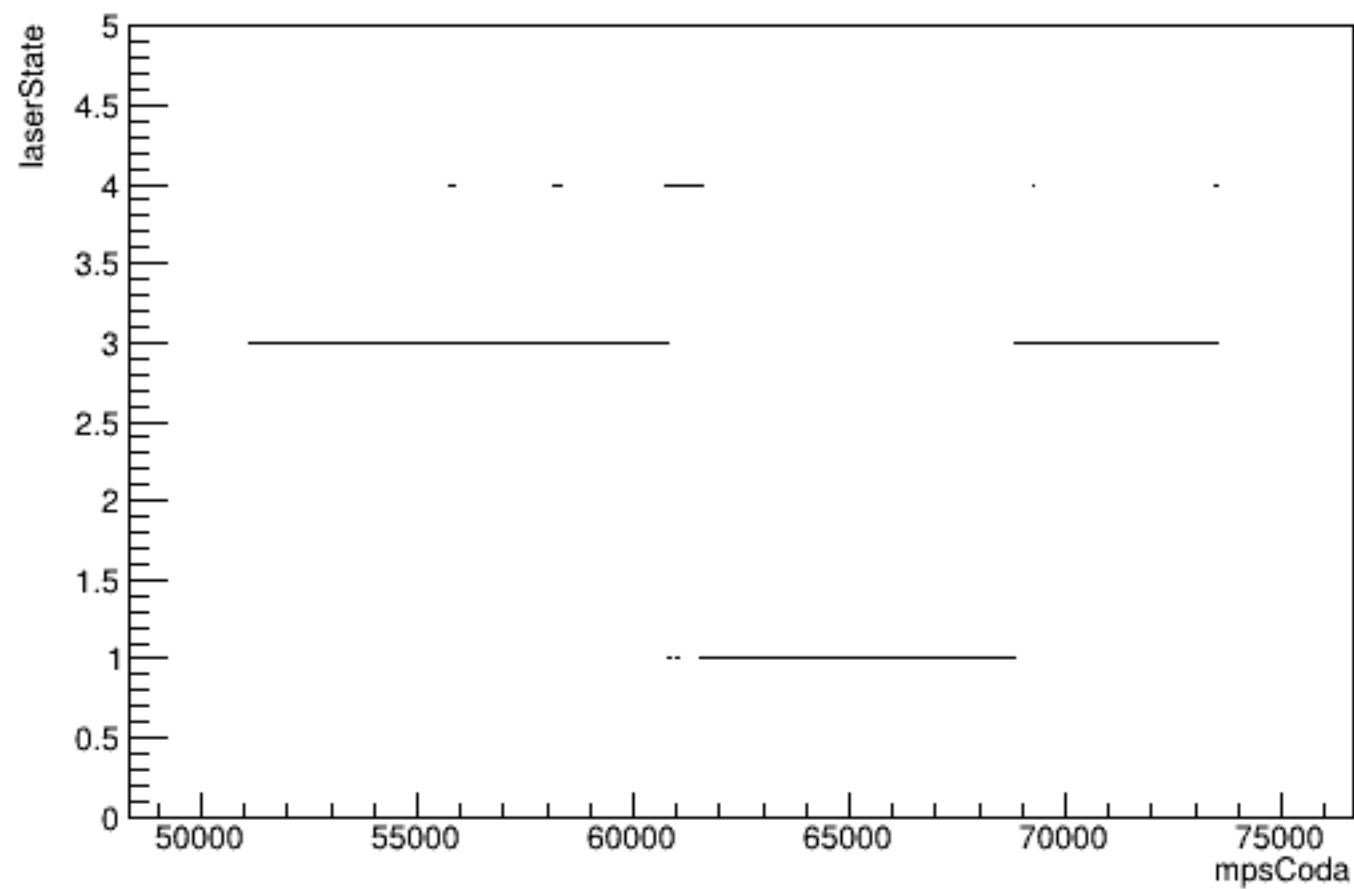
Run 6154 quartetwise, Asyms



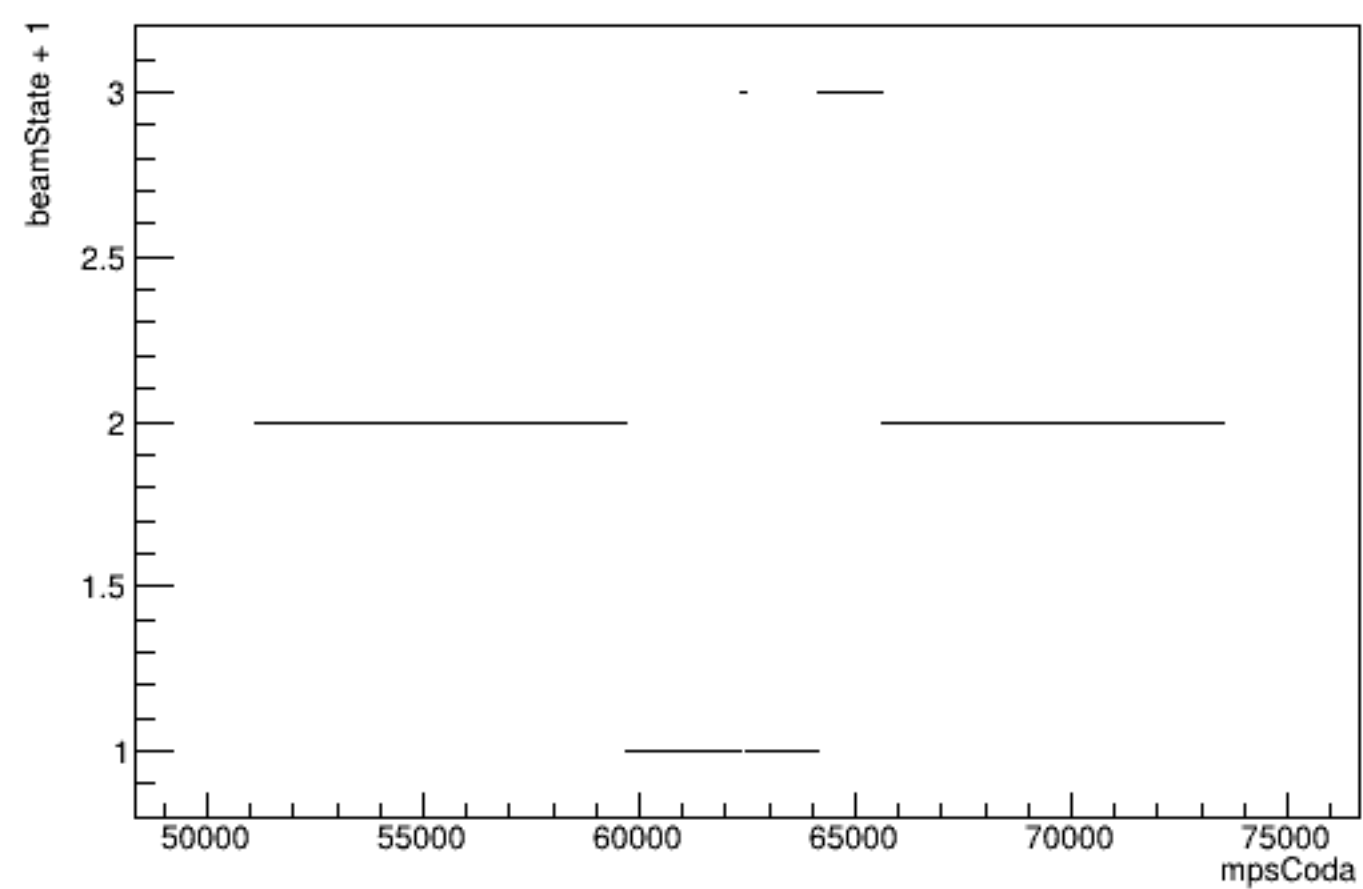
Acc0/NAcc0:mpsCoda {mpsCoda>=51085 && mpsCoda<=73544 && beamState==1}



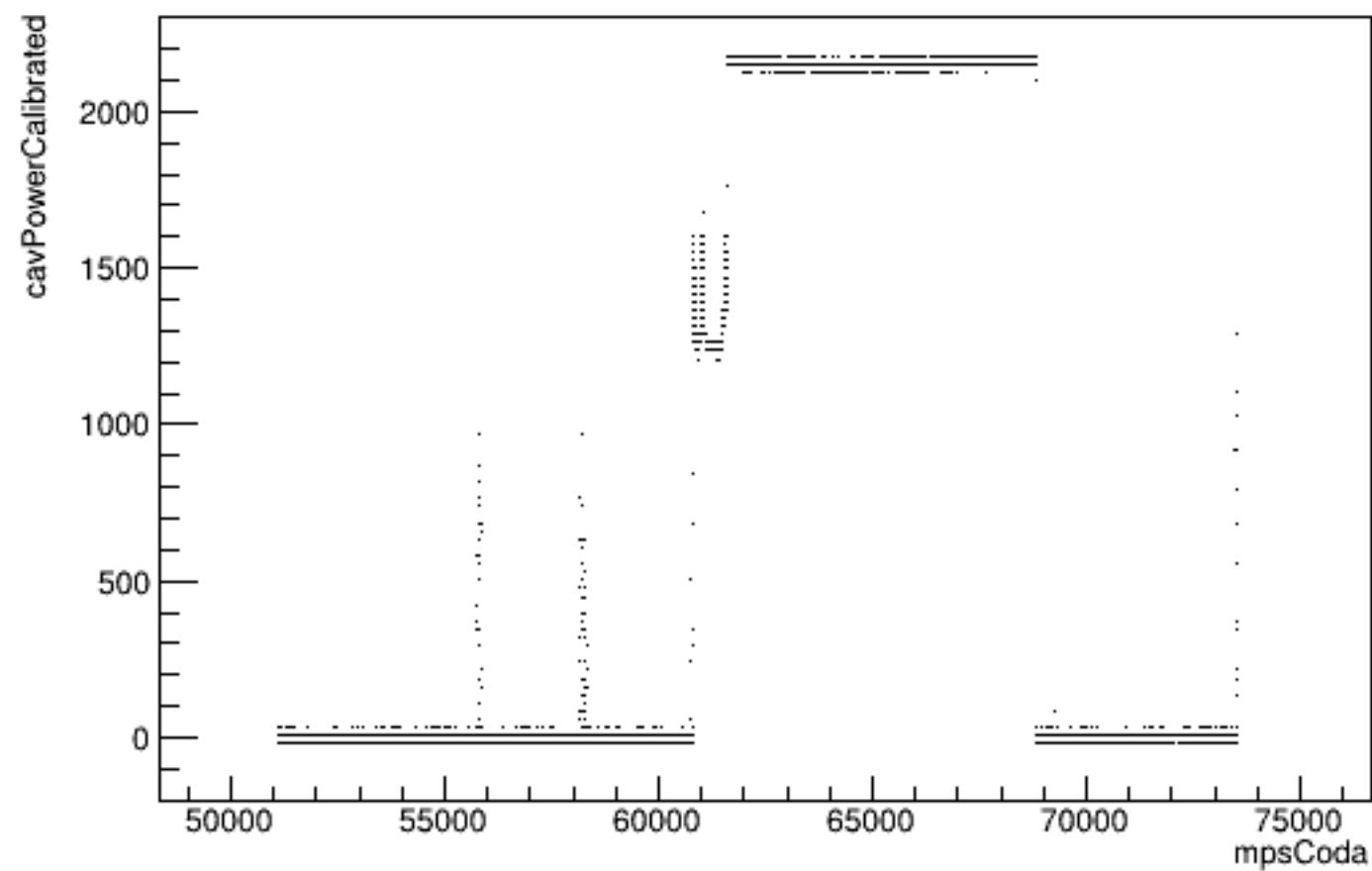
laserState:mpsCoda {mpsCoda>=51085 && mpsCoda<=73544}



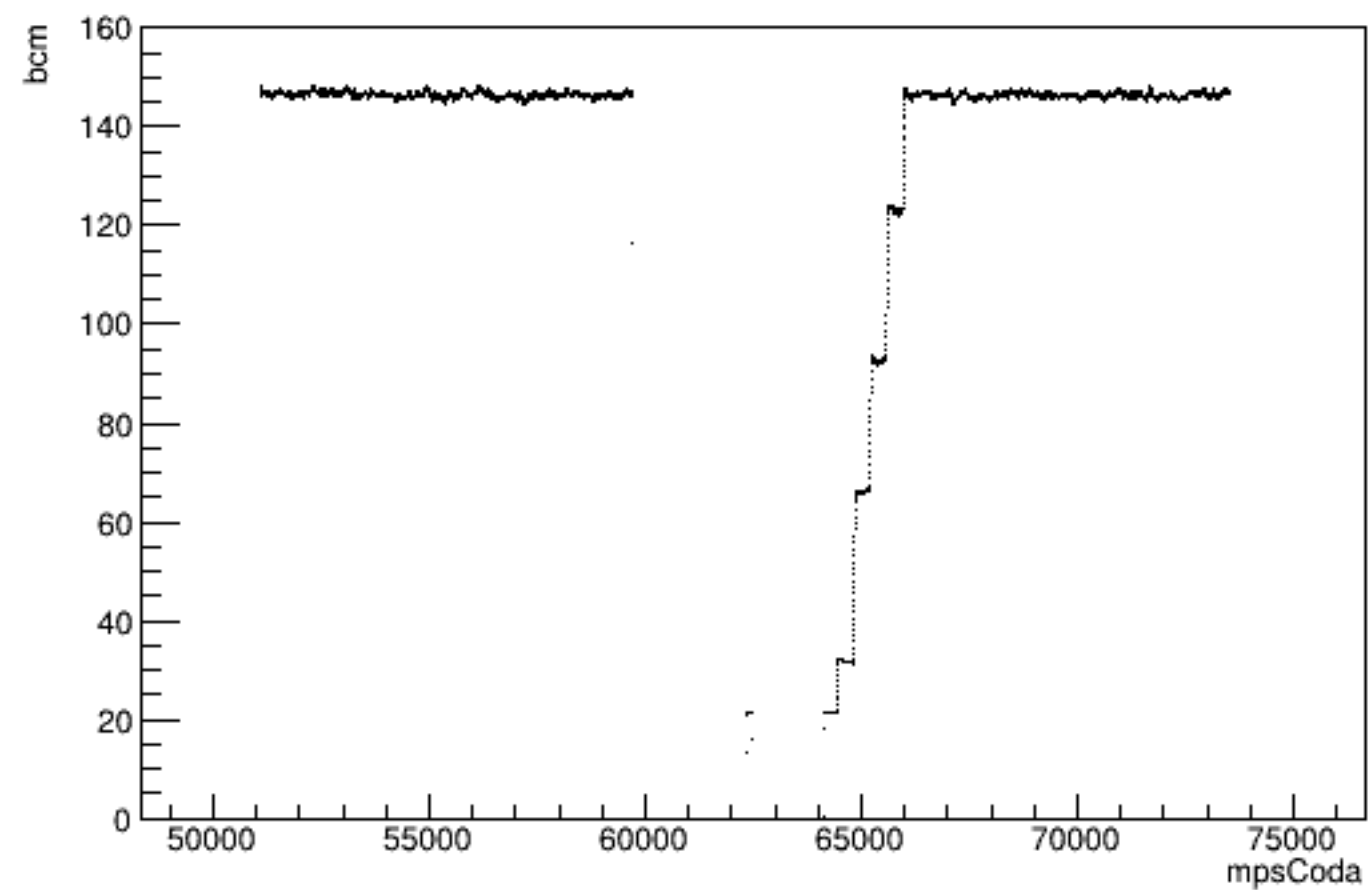
beamState + 1:mpsCoda {mpsCoda>=51085 && mpsCoda<=73544}



cavPowerCalibrated:mpsCoda {mpsCoda>=51085 && mpsCoda<=73544}



bcm:mpsCoda {mpsCoda>=51085 && mpsCoda<=73544}



Cycle 4, Diffs

Entries: 1183

Mean: -0.0064 +/- 0.0100

Std Dev: 0.3445 +/- 0.0071

Entries: 1801

Mean: 0.6224 +/- 0.0107

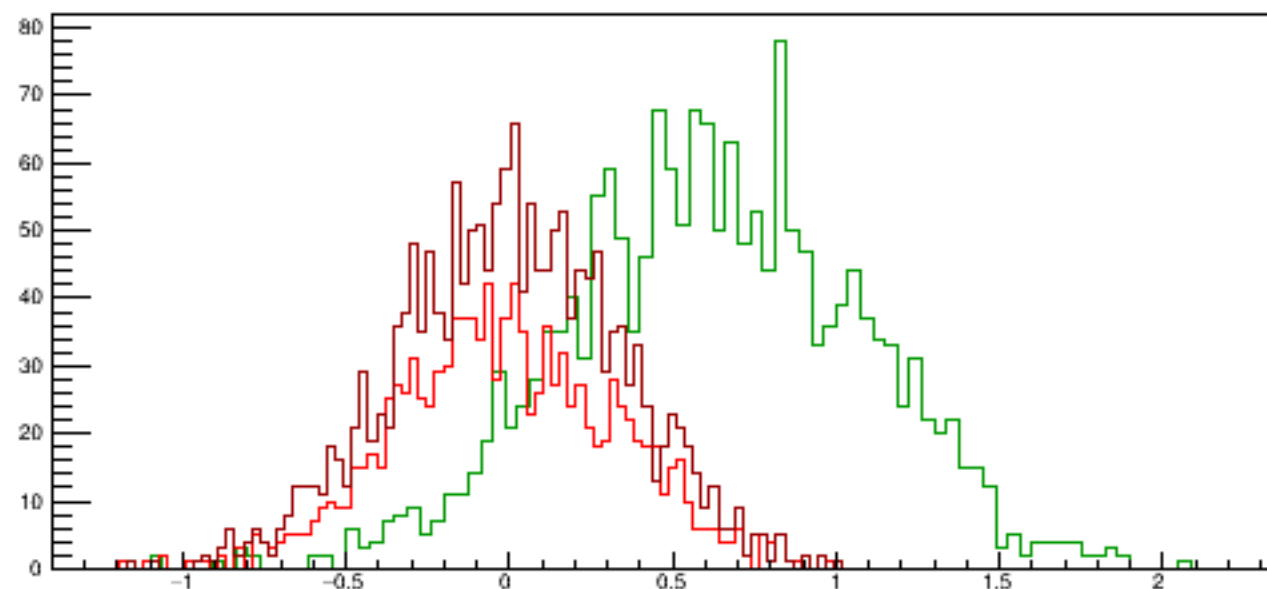
Std Dev: 0.4540 +/- 0.0076

Entries: 1766

Mean: -0.0022 +/- 0.0081

Std Dev: 0.3388 +/- 0.0057

Run 6154 quartetwise, Diffs



Cycle 4, Sums

Entries: 1183

Mean: 5.4689 +/- 0.0110

Std Dev: 0.3796 +/- 0.0078

Entries: 1801

Mean: 24.9269 +/- 0.0113

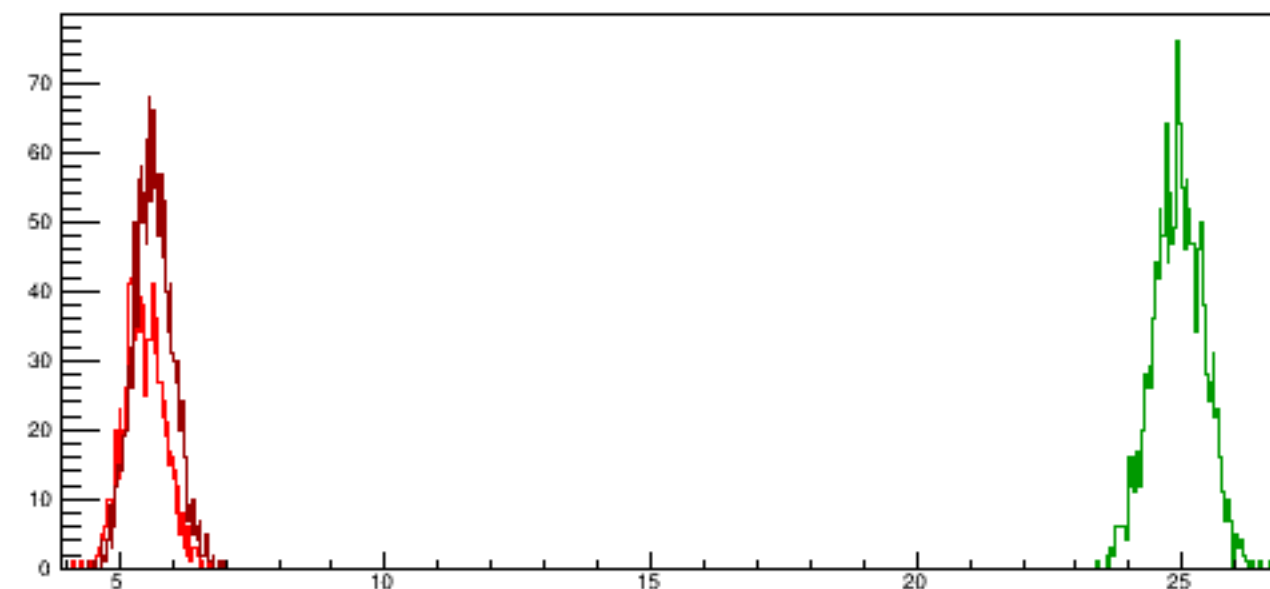
Std Dev: 0.4787 +/- 0.0080

Entries: 1766

Mean: 5.6340 +/- 0.0089

Std Dev: 0.3747 +/- 0.0063

Run 6154 quartetwise, Sums



Cycle 4, Asyms

Entries: 1183

Mean: -0.0003 +/- 0.0005

Std Dev: 0.0178 +/- 0.0004

Entries: 1801

Mean: 0.0321 +/- 0.0006

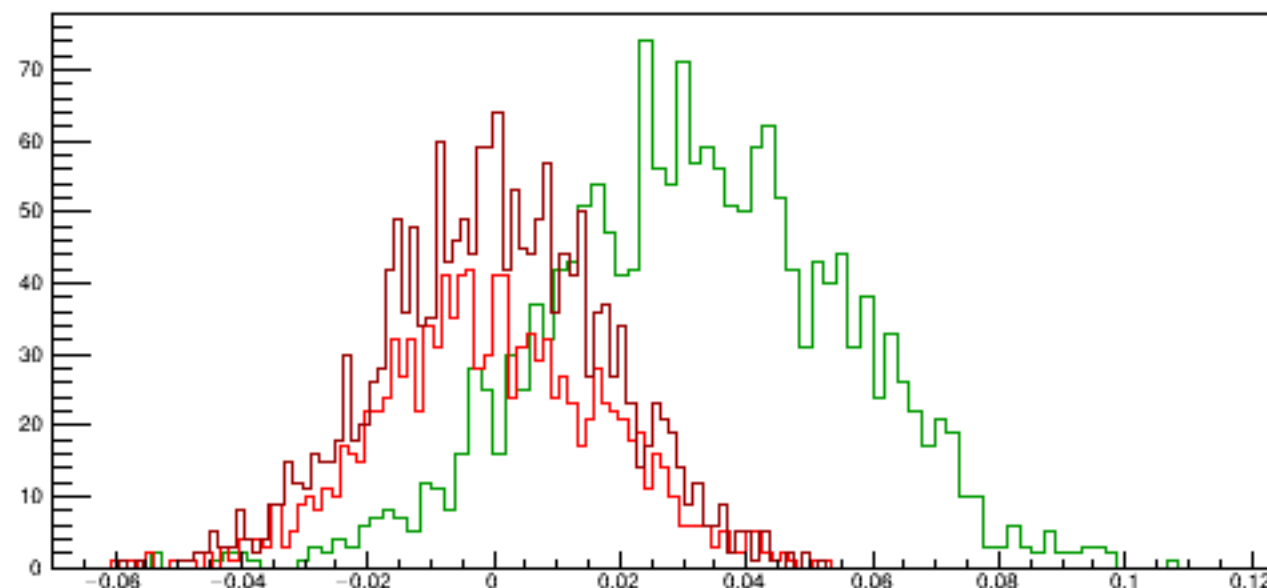
Std Dev: 0.0235 +/- 0.0004

Entries: 1766

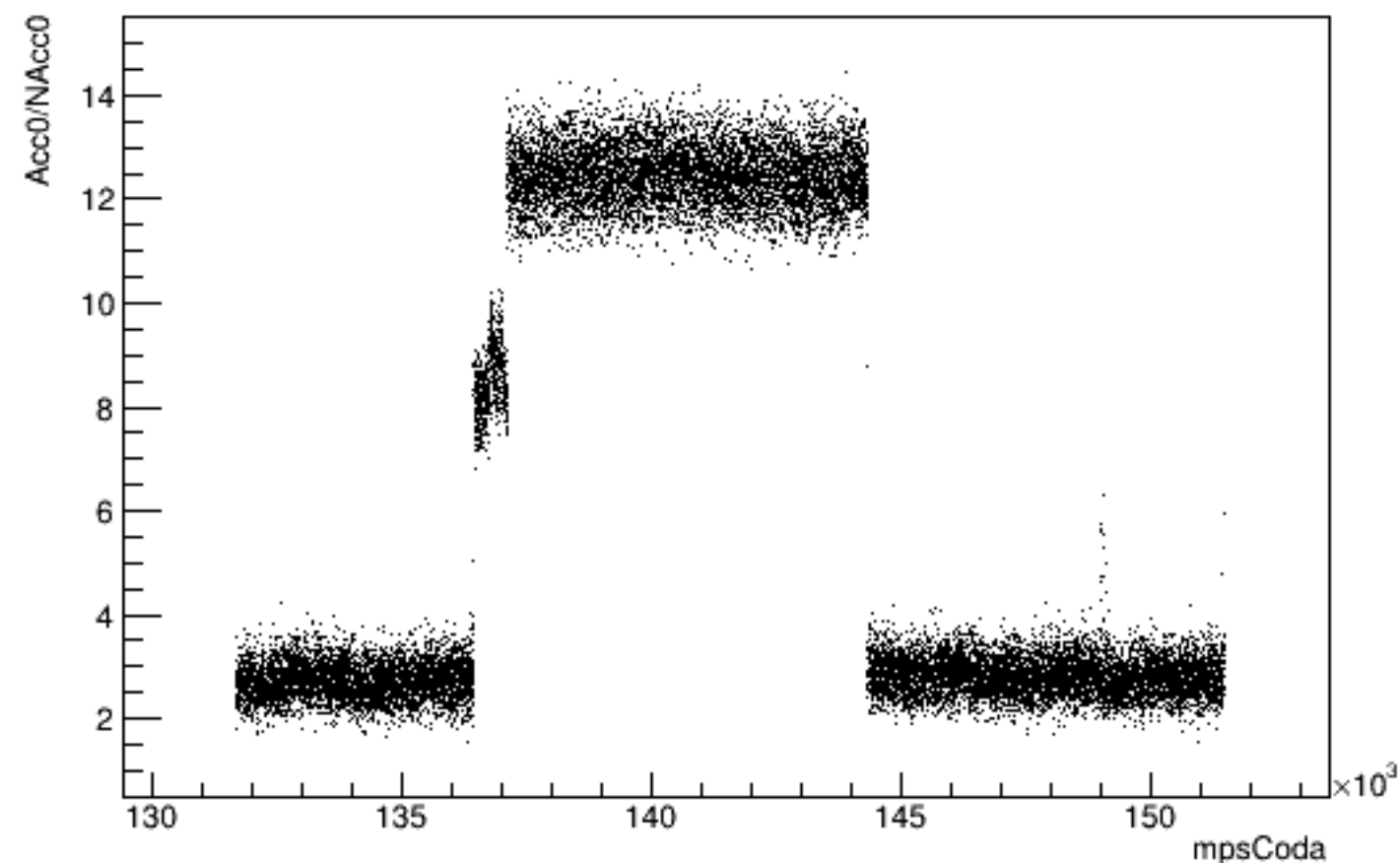
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0175 +/- 0.0003

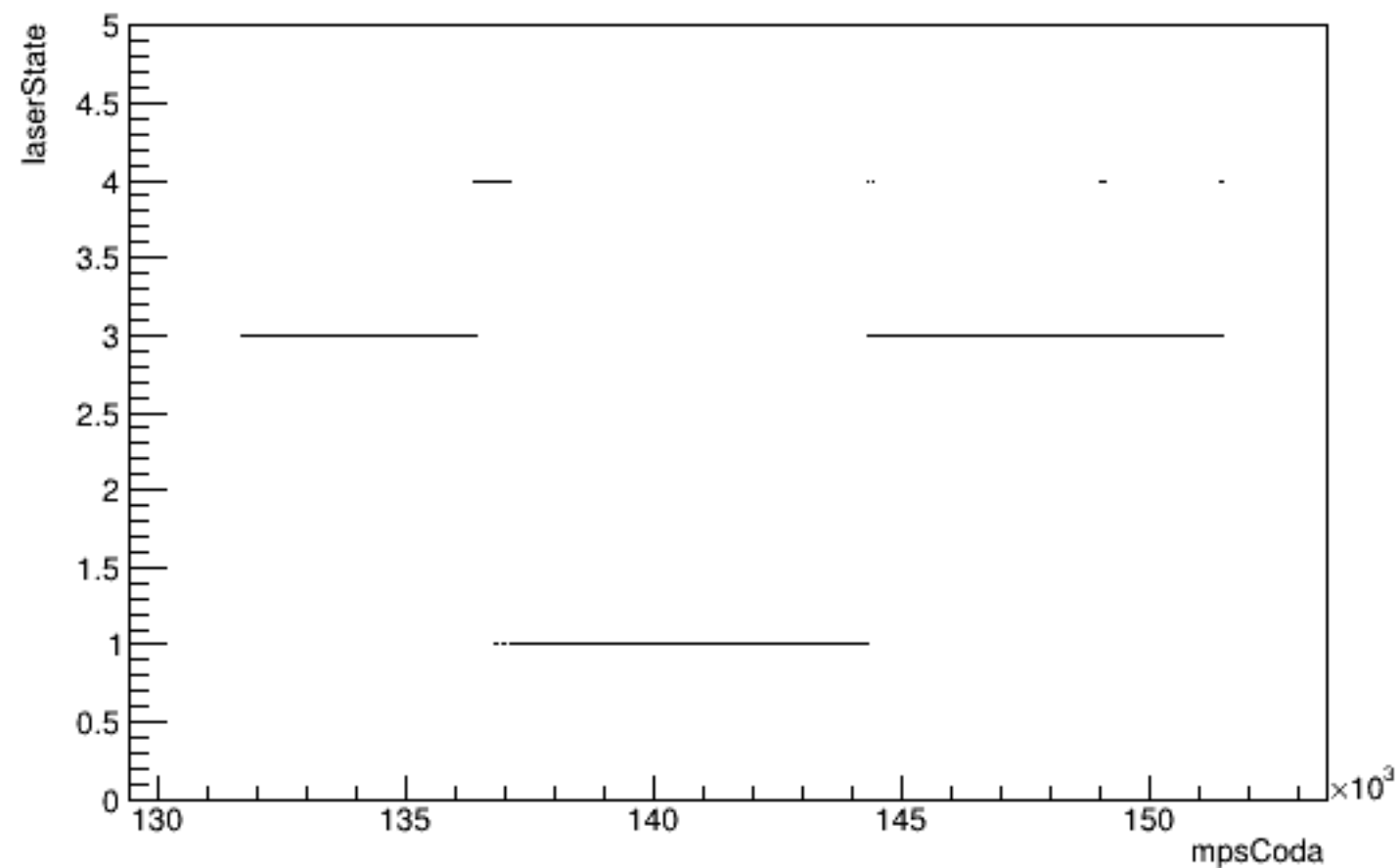
Run 6154 quartetwise, Asyms



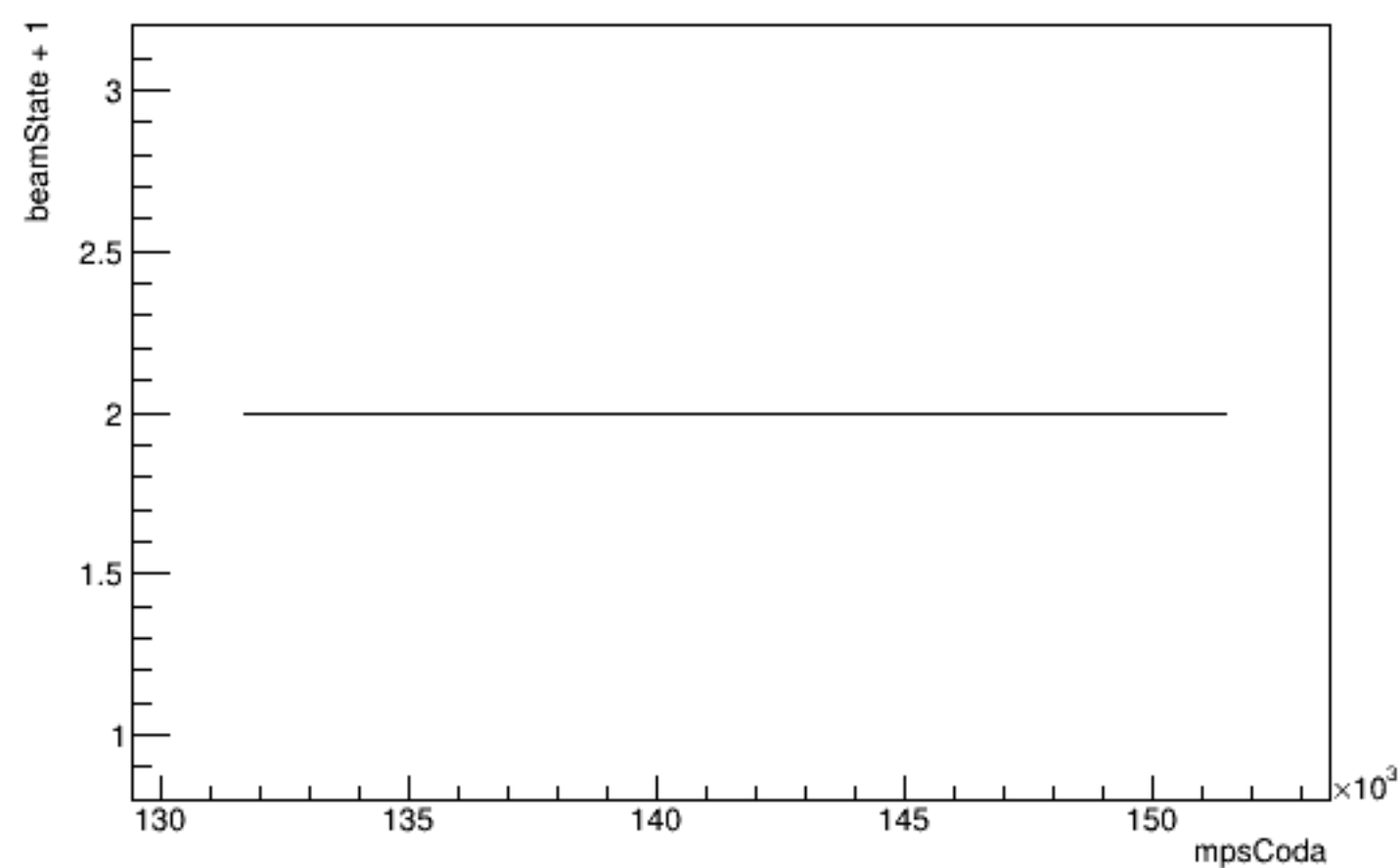
Acc0/NAcc0:mpsCoda (mpsCoda>=131693 && mpsCoda<=151452 && beamState==1)



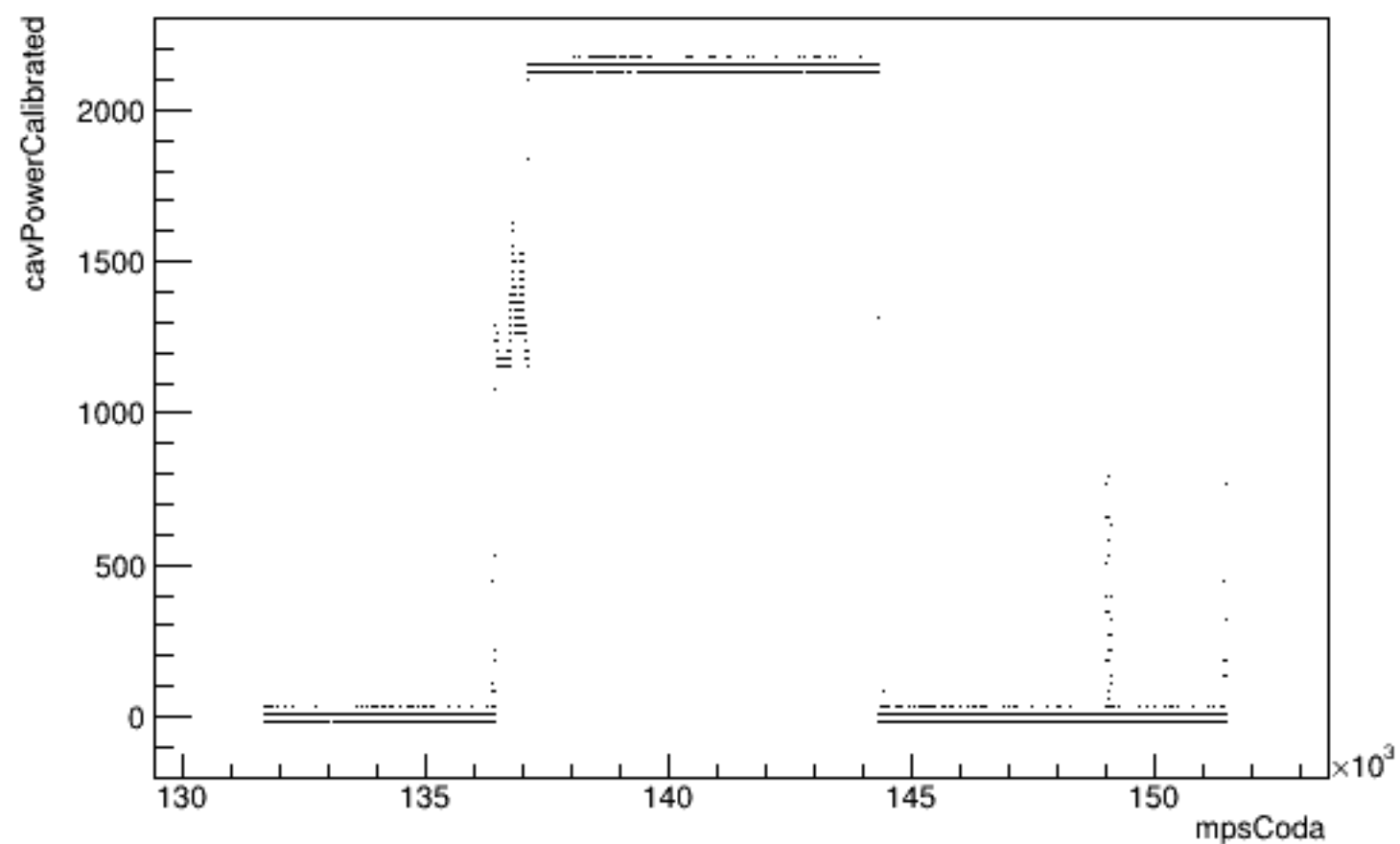
laserState:mpsCoda {mpsCoda>=131693 && mpsCoda<=151452}



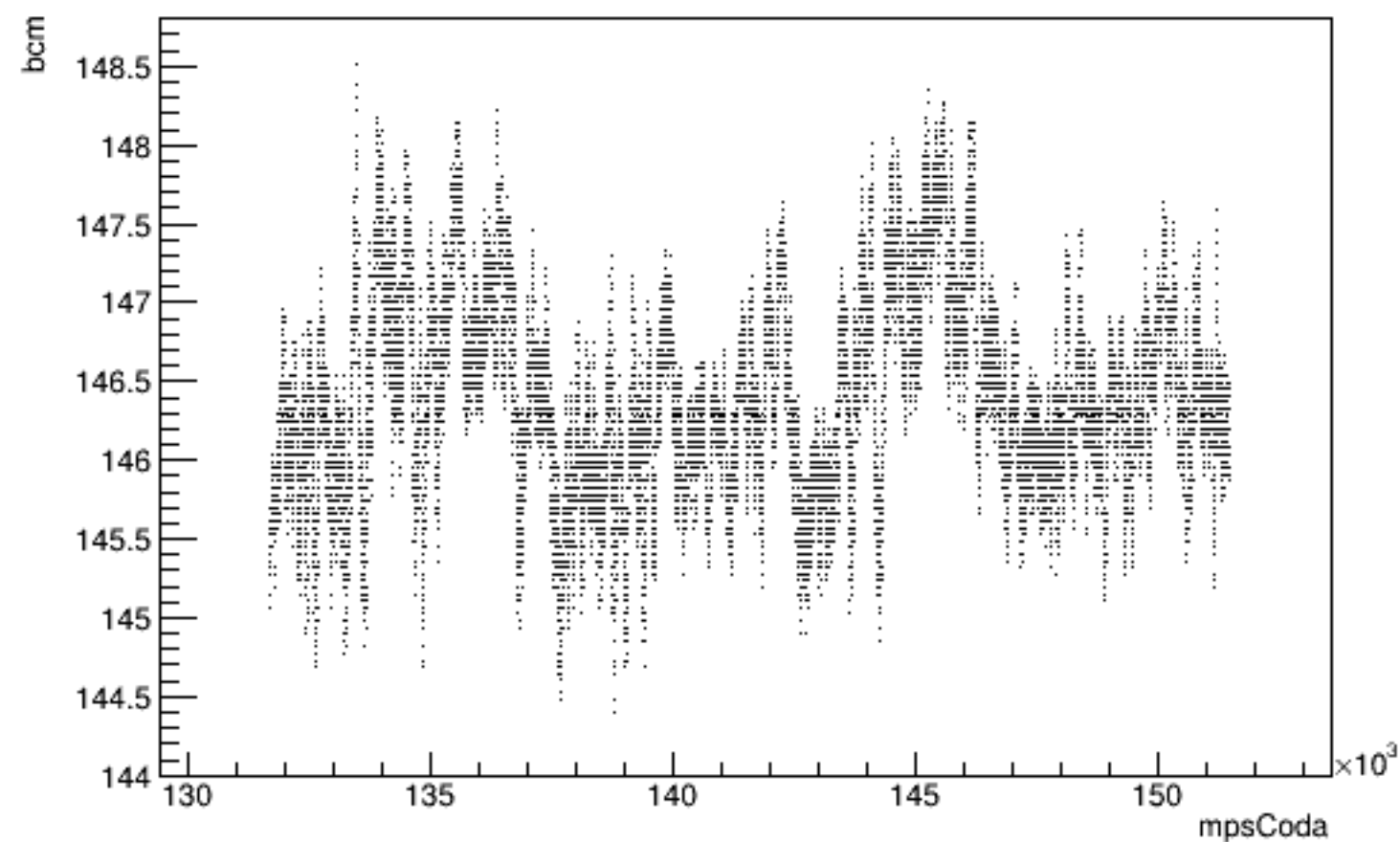
beamState + 1:mpsCoda {mpsCoda>=131693 && mpsCoda<=151452}



cavPowerCalibrated:mpsCoda {mpsCoda>=131693 && mpsCoda<=151452}



bcm:mpsCoda {mpsCoda>=131693 && mpsCoda<=151452}



Cycle 5, Diffs

Entries: 1766

Mean: -0.0022 +/- 0.0081

Std Dev: 0.3388 +/- 0.0057

Entries: 1063

Mean: 0.5921 +/- 0.0144

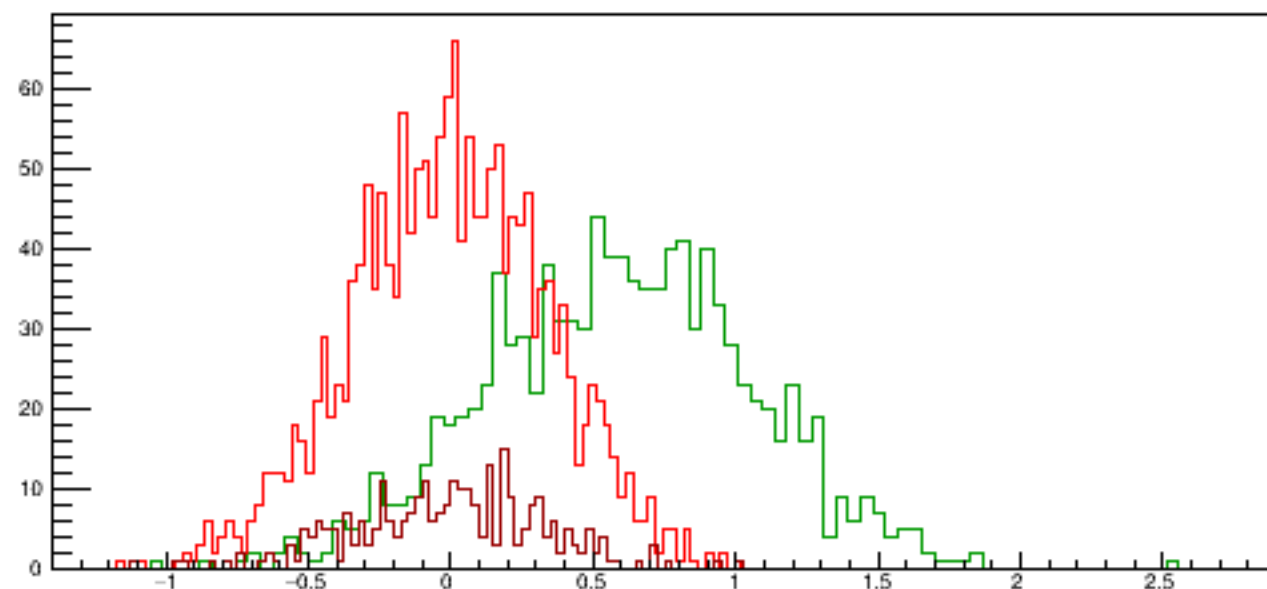
Std Dev: 0.4699 +/- 0.0102

Entries: 290

Mean: -0.0087 +/- 0.0197

Std Dev: 0.3359 +/- 0.0139

Run 6154 quartetwise, Diffs



Cycle 5, Sums

Entries: 1766

Mean: 5.6340 +/- 0.0089

Std Dev: 0.3747 +/- 0.0063

Entries: 1063

Mean: 25.0002 +/- 0.0161

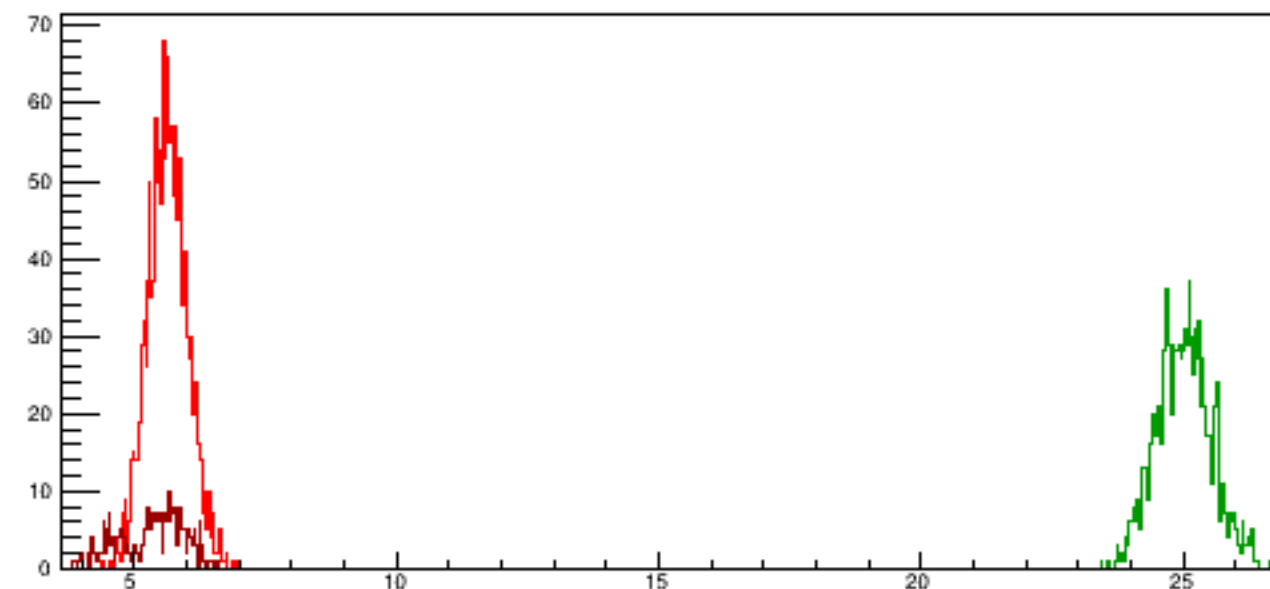
Std Dev: 0.5243 +/- 0.0114

Entries: 290

Mean: 5.3419 +/- 0.0356

Std Dev: 0.6069 +/- 0.0252

Run 6154 quartetwise, Sums



Cycle 5, Asyms

Entries: 1766

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0174 +/- 0.0003

Entries: 1063

Mean: 0.0303 +/- 0.0007

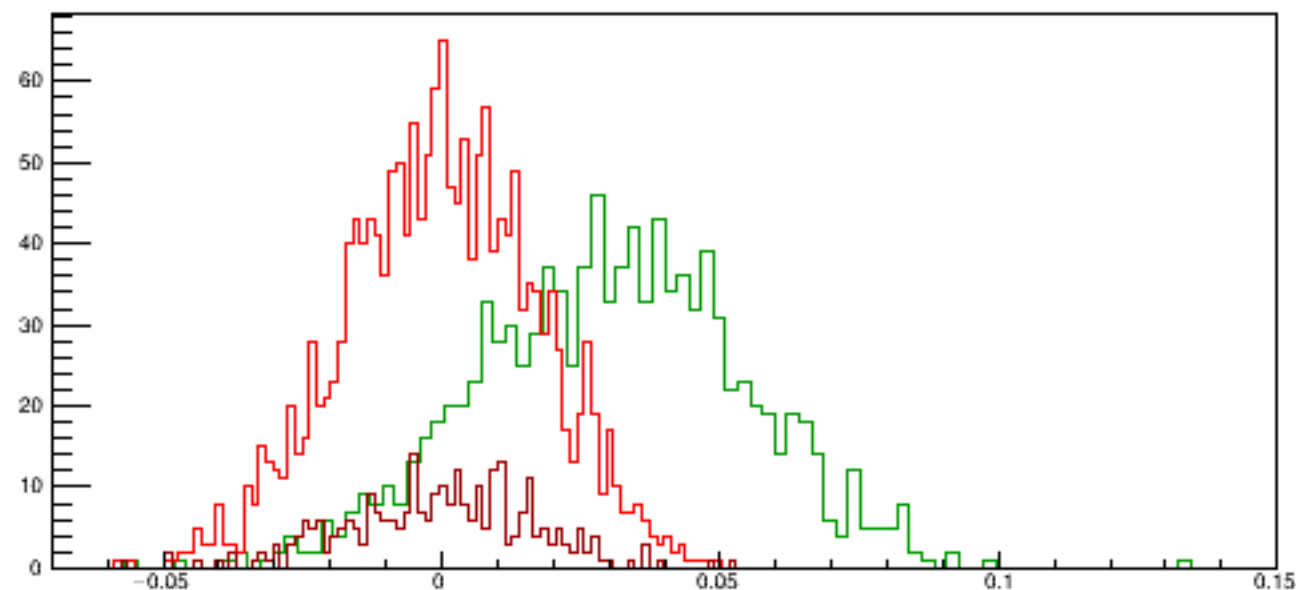
Std Dev: 0.0241 +/- 0.0005

Entries: 290

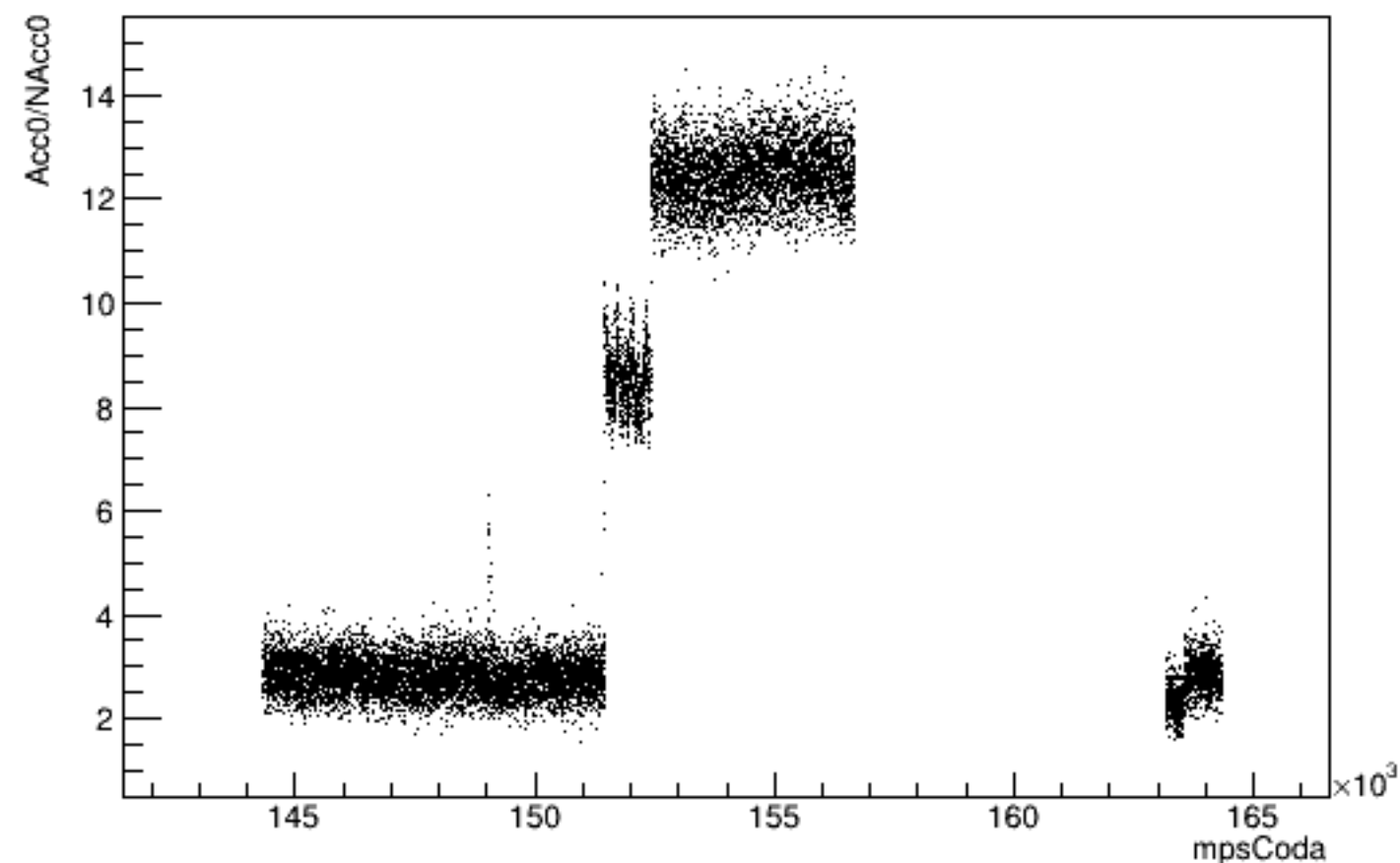
Mean: -0.0004 +/- 0.0010

Std Dev: 0.0172 +/- 0.0007

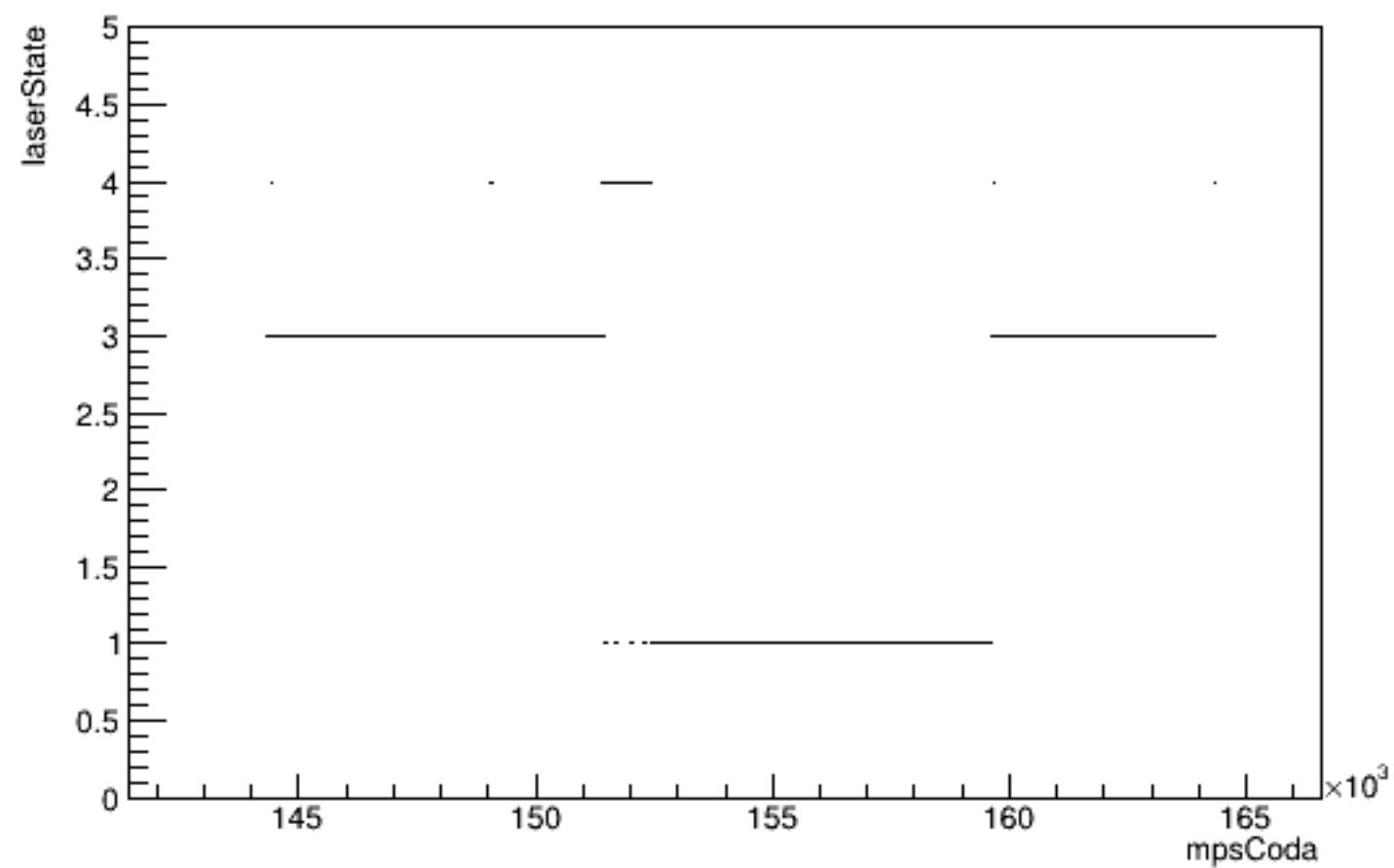
Run 6154 quartetwise, Asyms



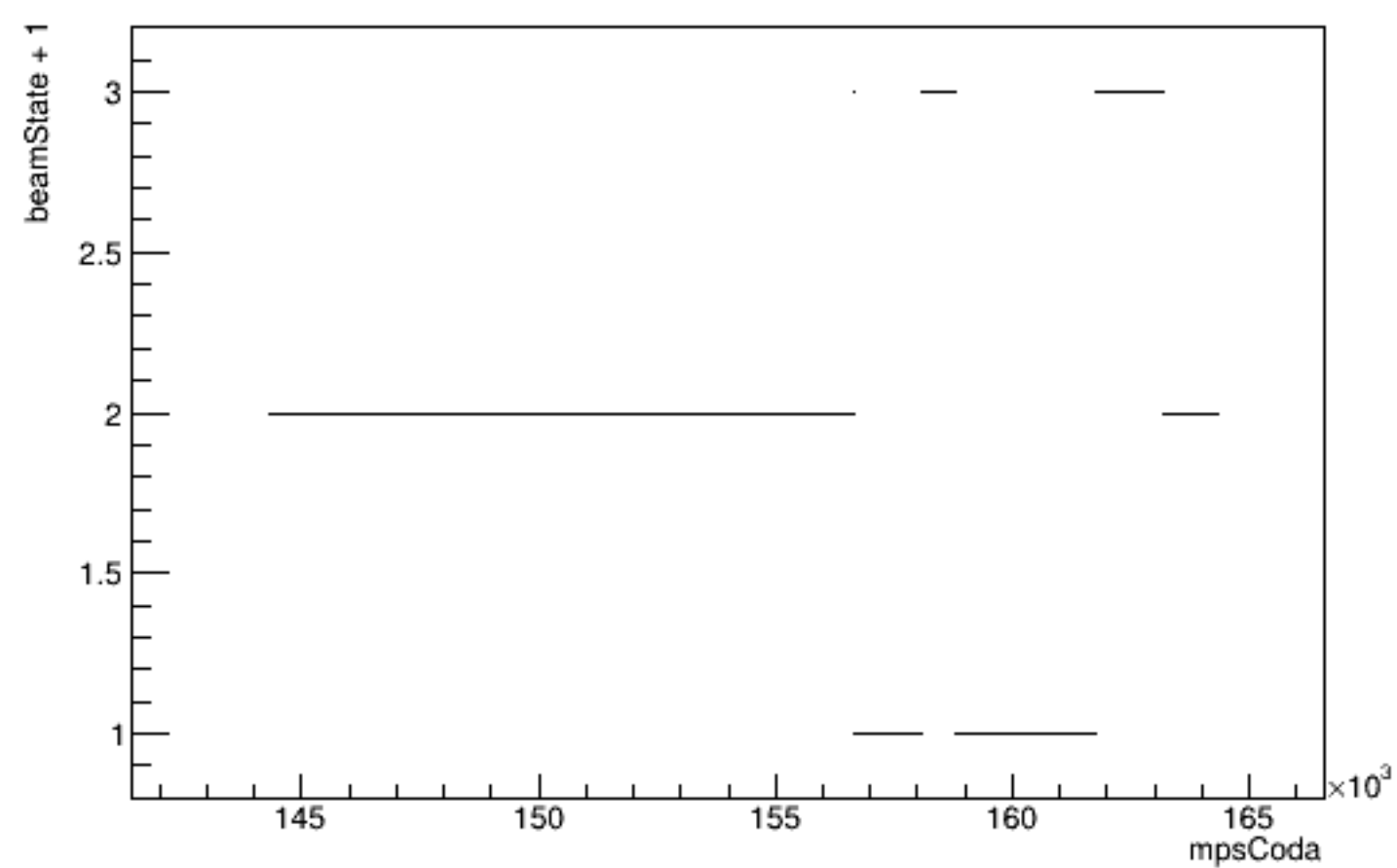
Acc0/NAcc0:mpsCoda (mpsCoda>=144325 && mpsCoda<=164336 && beamState==1)



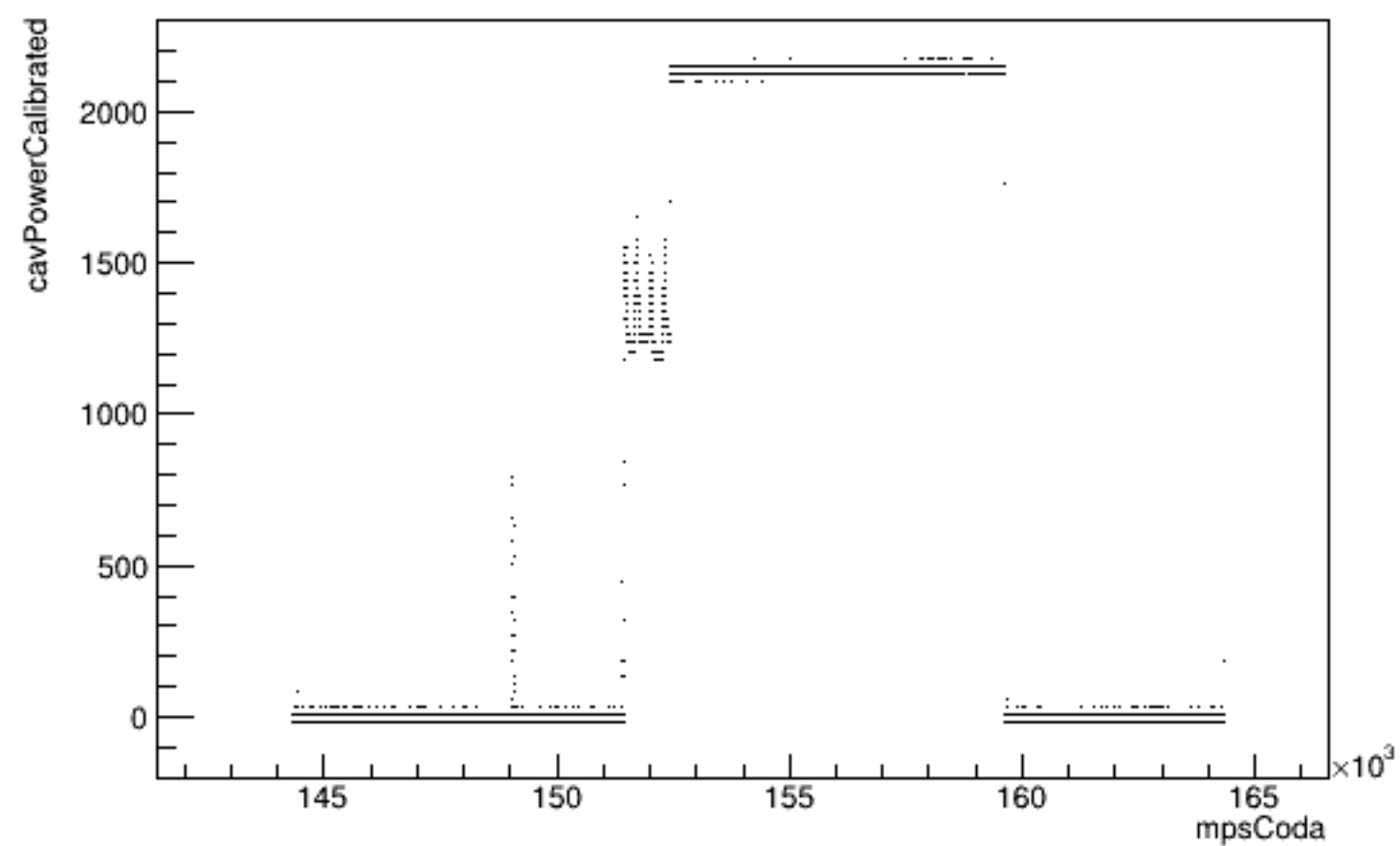
laserState:mpsCoda {mpsCoda>=144325 && mpsCoda<=164336}



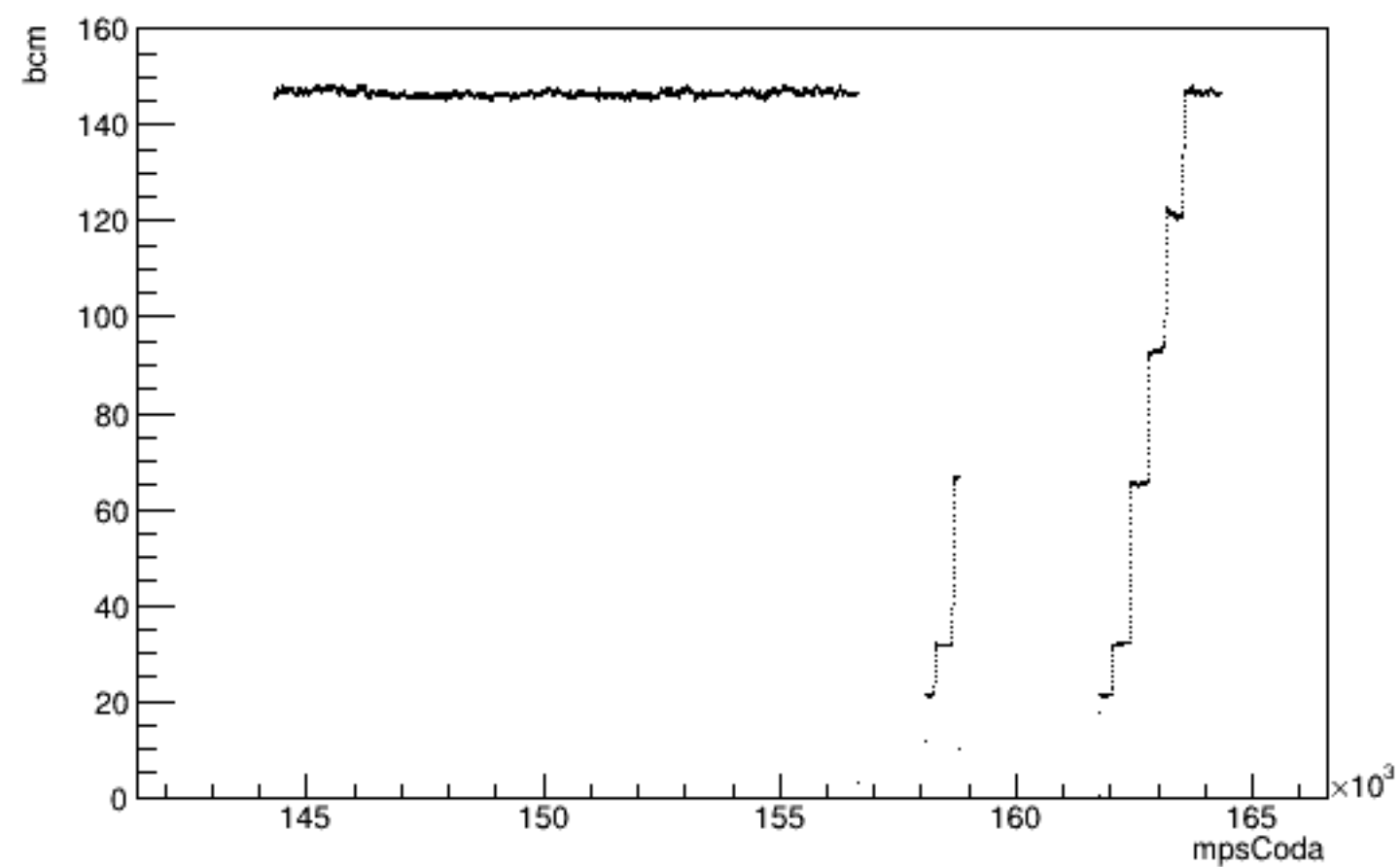
beamState + 1:mpsCoda {mpsCoda>=144325 && mpsCoda<=164336}



cavPowerCalibrated:mpsCoda {mpsCoda>=144325 && mpsCoda<=164336}



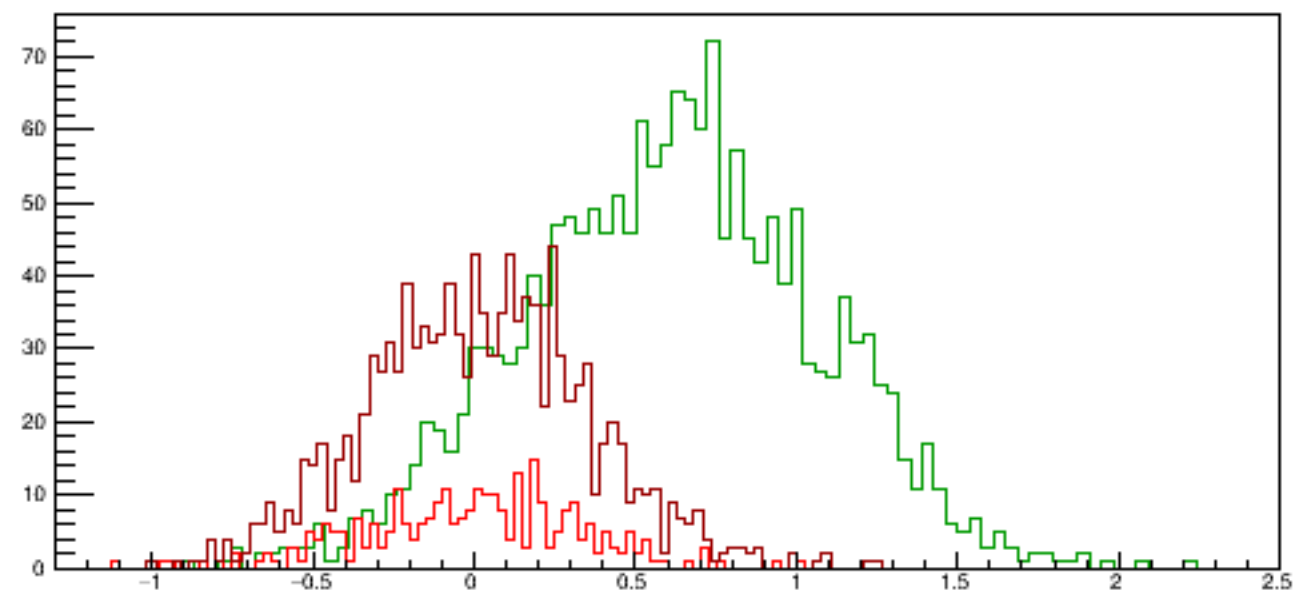
bcm:mpsCoda {mpsCoda>=144325 && mpsCoda<=164336}



Cycle 6, Diffs

Entries: 290	Entries: 1801	Entries: 1177
Mean: -0.0087 +/- 0.0197	Mean: 0.6051 +/- 0.0108	Mean: 0.0151 +/- 0.0099
Std Dev: 0.3359 +/- 0.0139	Std Dev: 0.4563 +/- 0.0076	Std Dev: 0.3384 +/- 0.0070

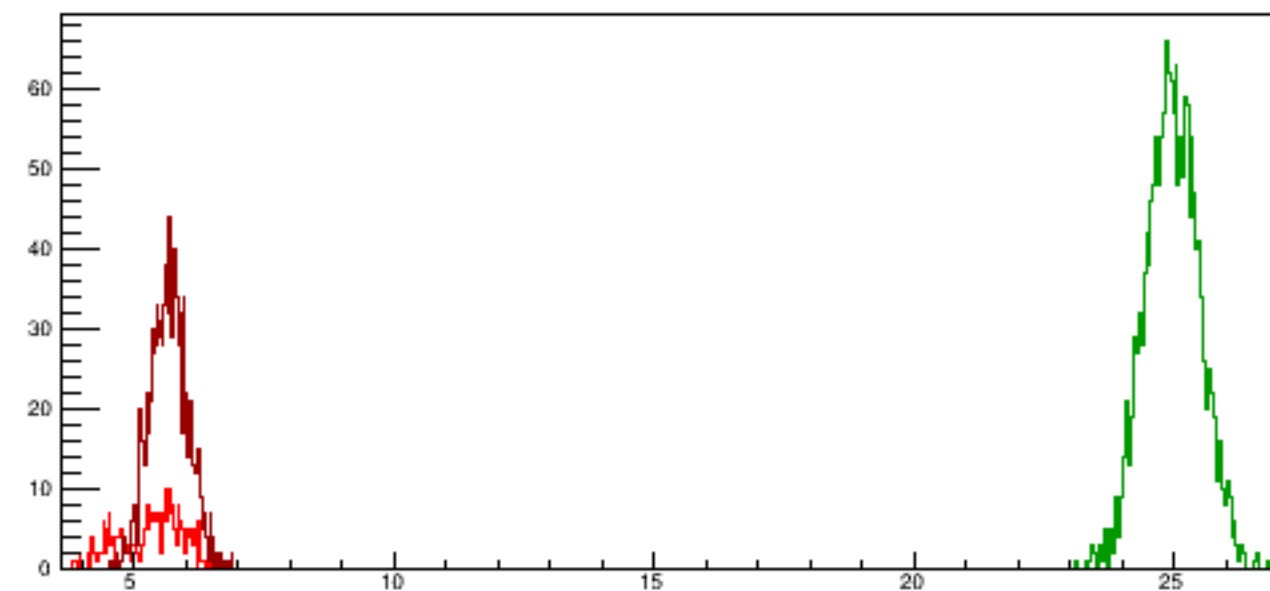
Run 6154 quartetwise, Diffs



Cycle 6, Sums

Entries: 290	Entries: 1801	Entries: 1177
Mean: 5.3419 +/- 0.0356	Mean: 24.9669 +/- 0.0123	Mean: 5.6713 +/- 0.0109
Std Dev: 0.6069 +/- 0.0252	Std Dev: 0.5212 +/- 0.0087	Std Dev: 0.3726 +/- 0.0077

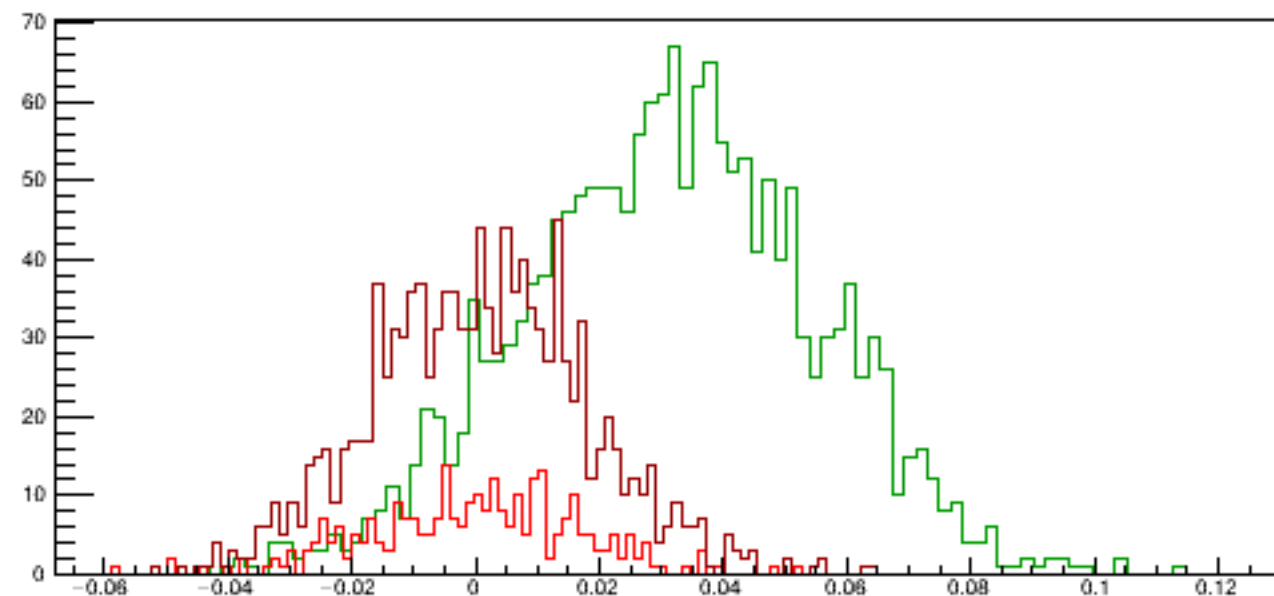
Run 6154 quartetwise, Sums



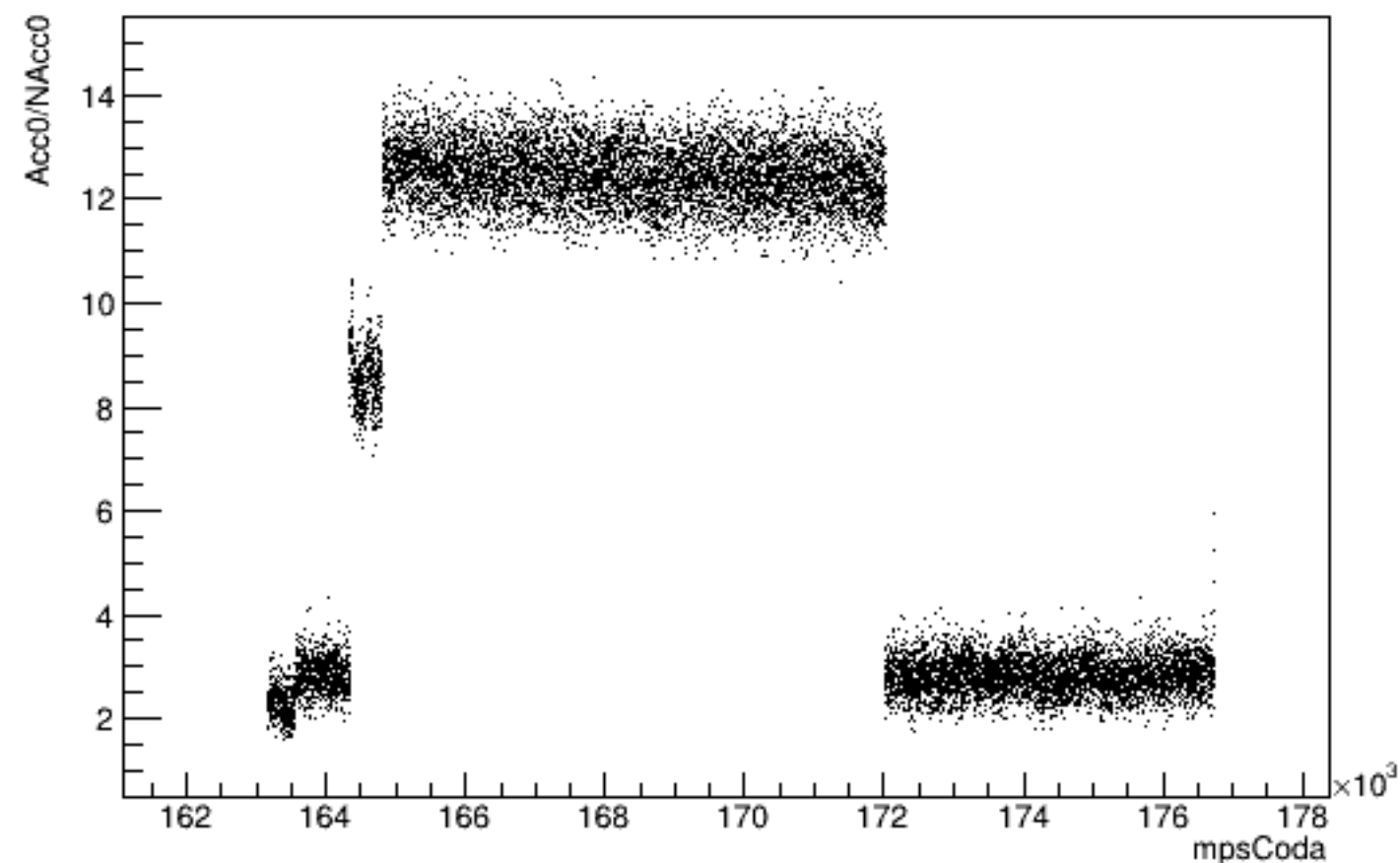
Cycle 6, Asyms

Entries: 290	Entries: 1801	Entries: 1177
Mean: -0.0004 +/- 0.0010	Mean: 0.0311 +/- 0.0006	Mean: 0.0008 +/- 0.0005
Std Dev: 0.0173 +/- 0.0007	Std Dev: 0.0235 +/- 0.0004	Std Dev: 0.0174 +/- 0.0004

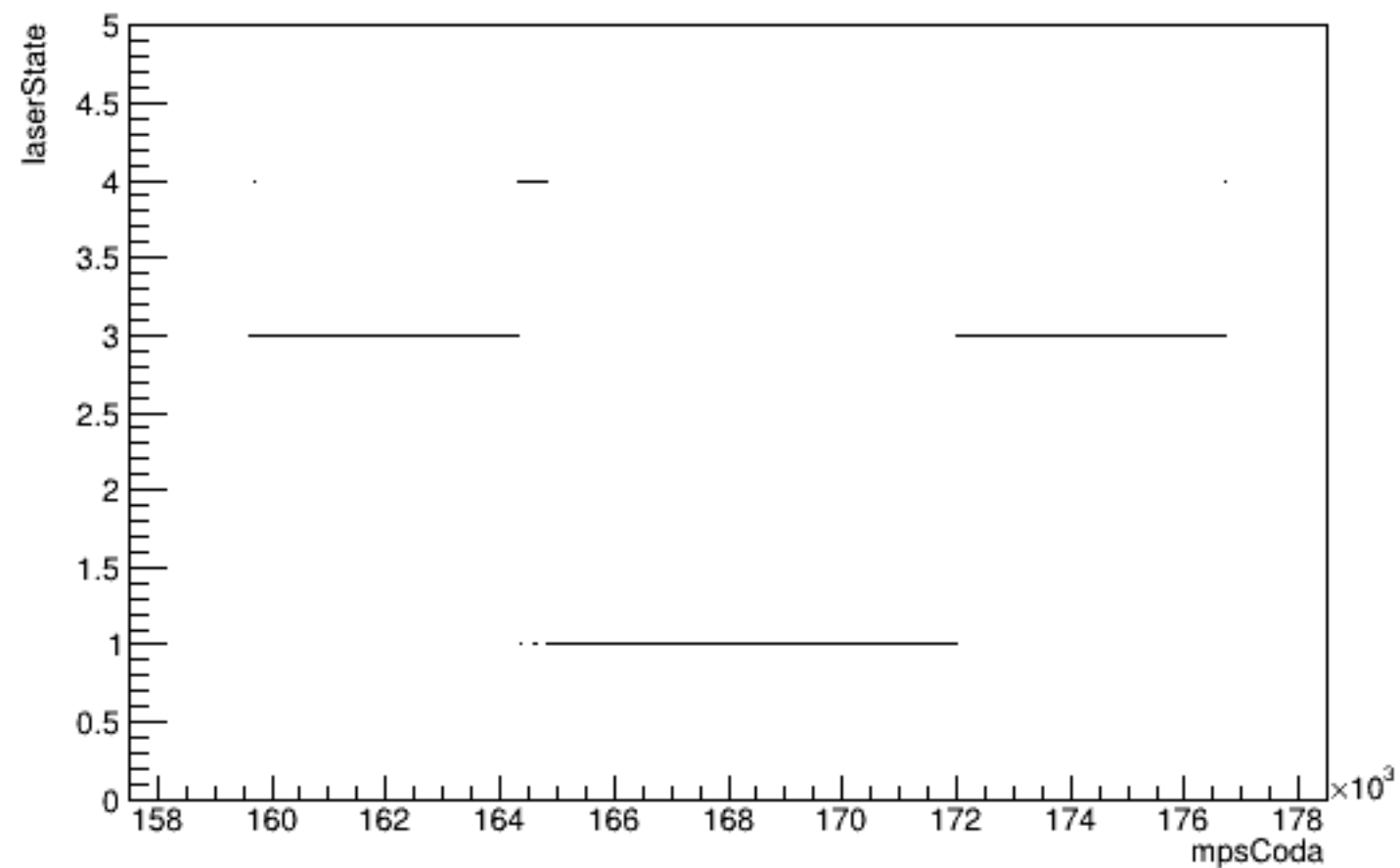
Run 6154 quartetwise, Asyms



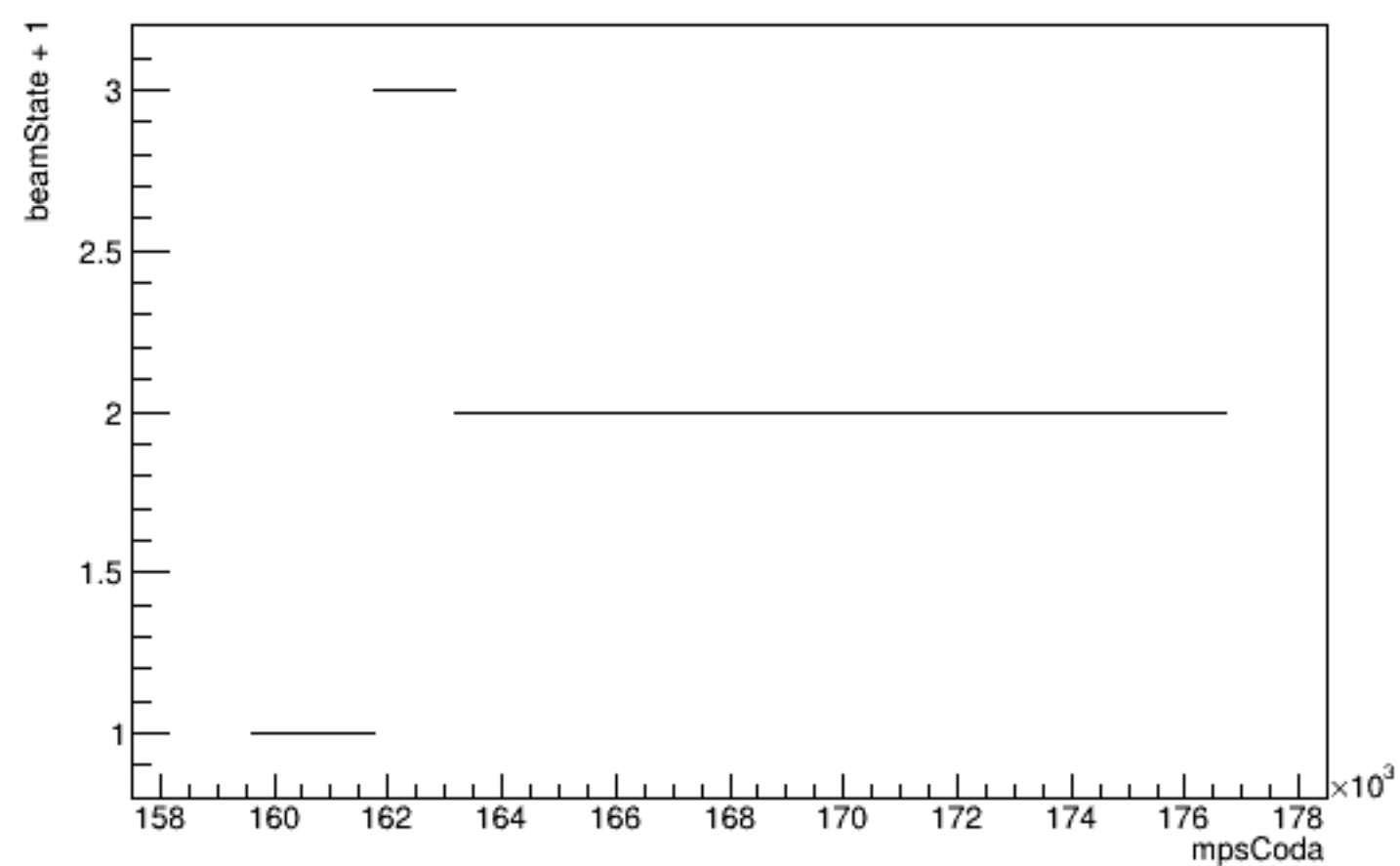
Acc0/NAcc0:mpsCoda (mpsCoda>=159629 && mpsCoda<=176728 && beamState==1)



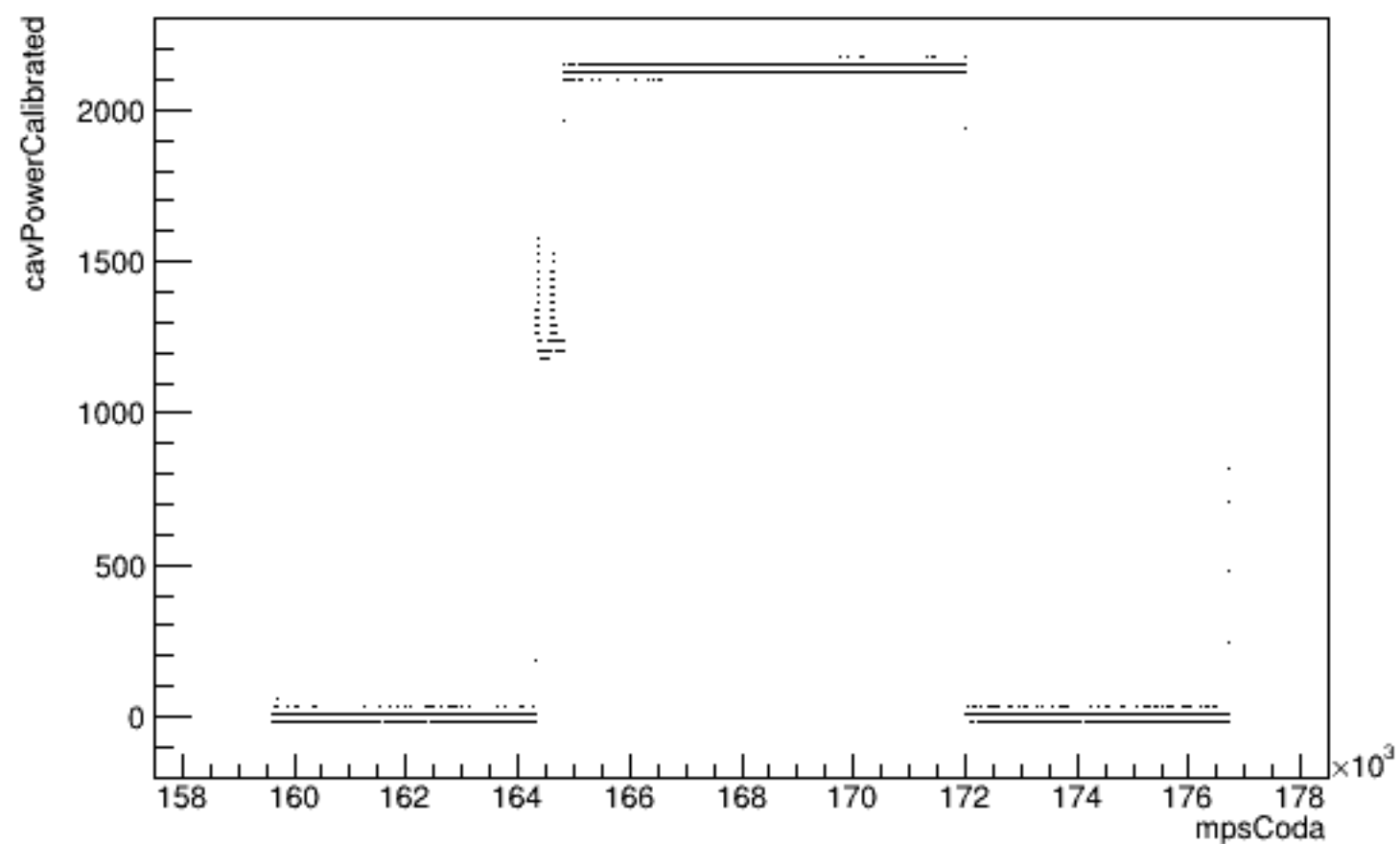
laserState:mpsCoda {mpsCoda>=159629 && mpsCoda<=176728}



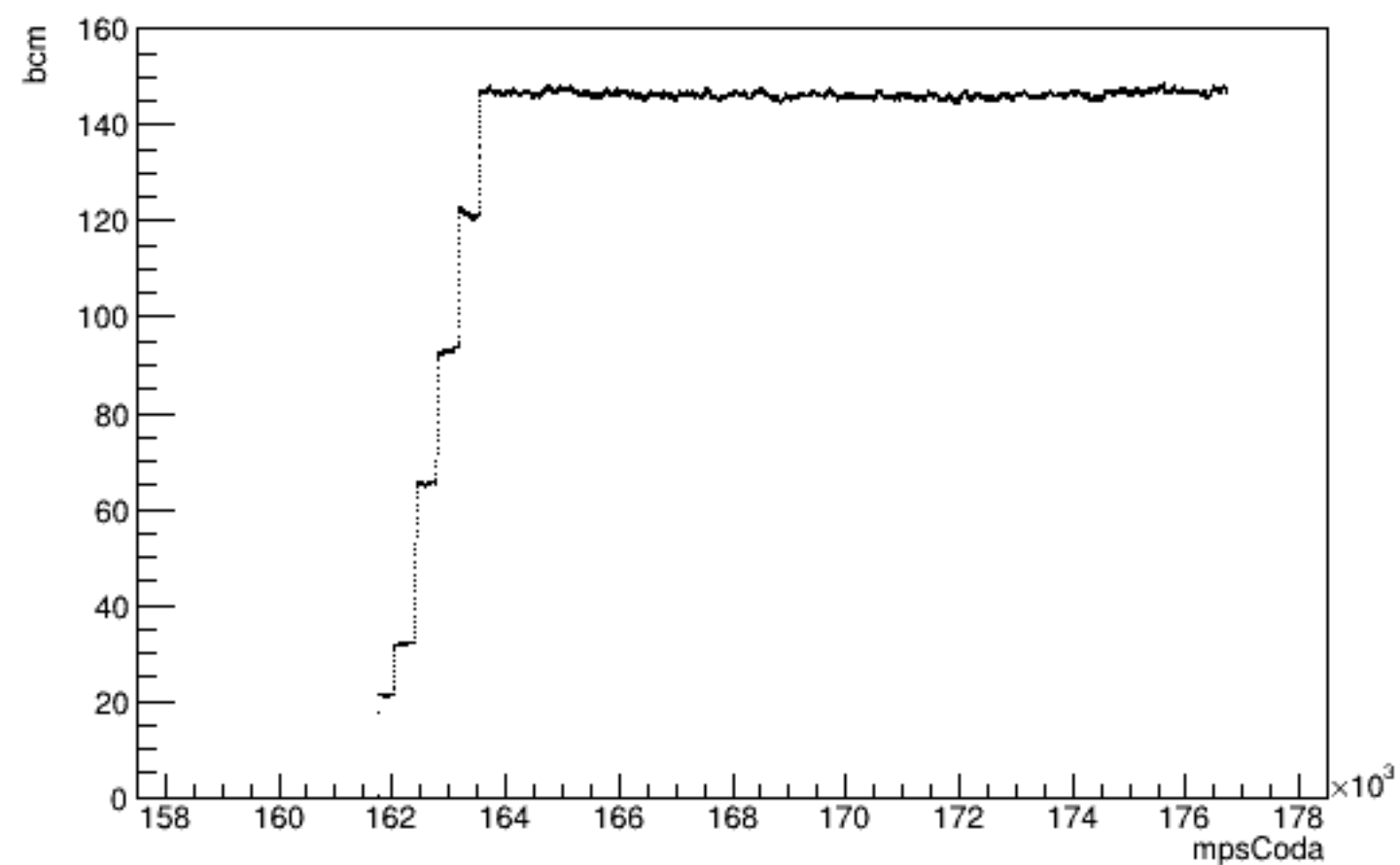
beamState + 1:mpsCoda {mpsCoda>=159629 && mpsCoda<=176728}



cavPowerCalibrated:mpsCoda {mpsCoda>=159629 && mpsCoda<=176728}



bcm:mpsCoda {mpsCoda>=159629 && mpsCoda<=176728}



Cycle 7, Diffs

Entries: 1186

Mean: 0.0008 +/- 0.0099

Std Dev: 0.3394 +/- 0.0070

Entries: 1810

Mean: 0.6001 +/- 0.0108

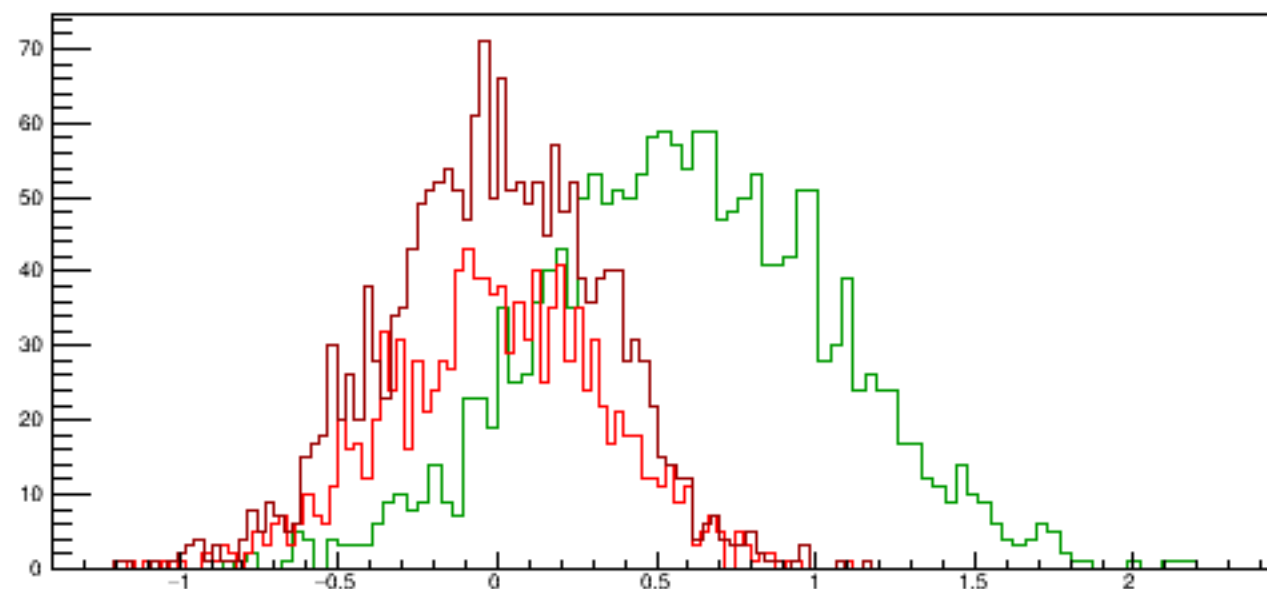
Std Dev: 0.4606 +/- 0.0077

Entries: 1766

Mean: -0.0110 +/- 0.0081

Std Dev: 0.3402 +/- 0.0057

Run 6154 quartetwise, Diffs



Cycle 7, Sums

Entries: 1186

Mean: 5.7404 +/- 0.0113

Std Dev: 0.3876 +/- 0.0080

Entries: 1810

Mean: 24.9663 +/- 0.0158

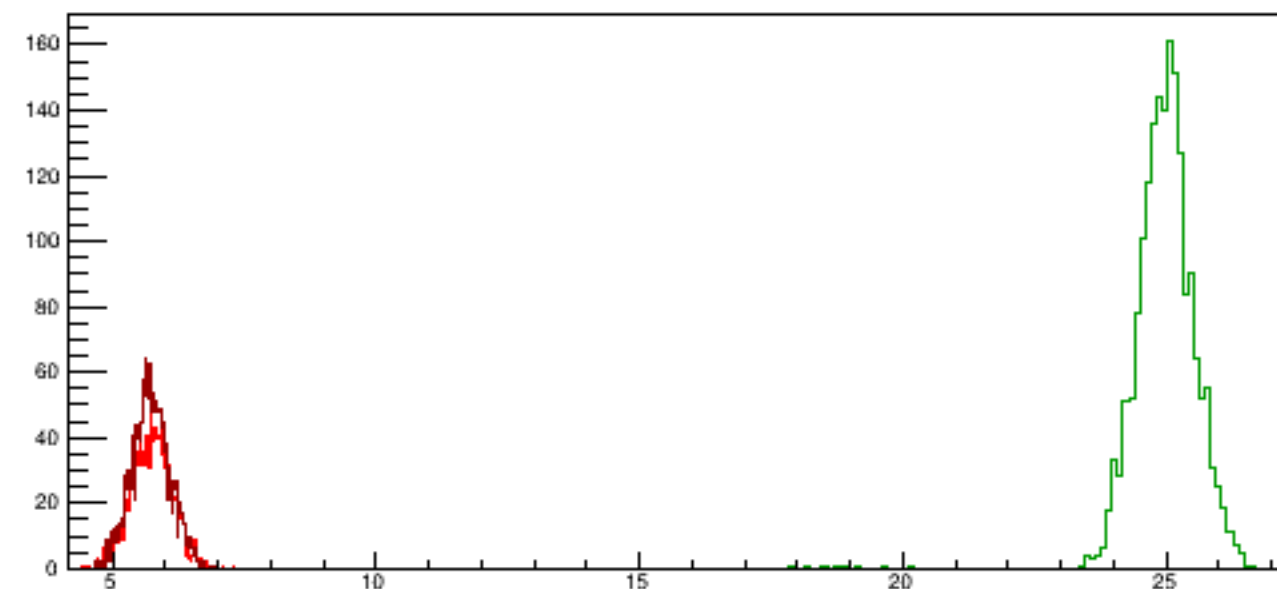
Std Dev: 0.6701 +/- 0.0111

Entries: 1766

Mean: 5.7258 +/- 0.0085

Std Dev: 0.3564 +/- 0.0060

Run 6154 quartetwise, Sums



Cycle 7, Asyms

Entries: 1186

Mean: 0.0000 +/- 0.0005

Std Dev: 0.0176 +/- 0.0004

Entries: 1810

Mean: 0.0312 +/- 0.0006

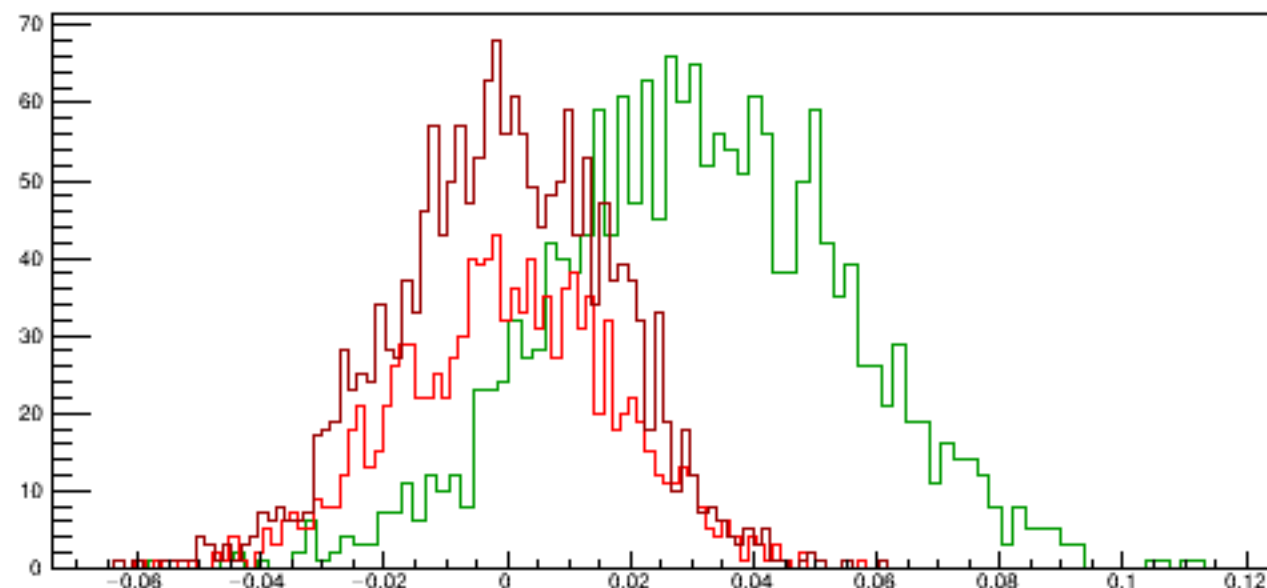
Std Dev: 0.0240 +/- 0.0004

Entries: 1766

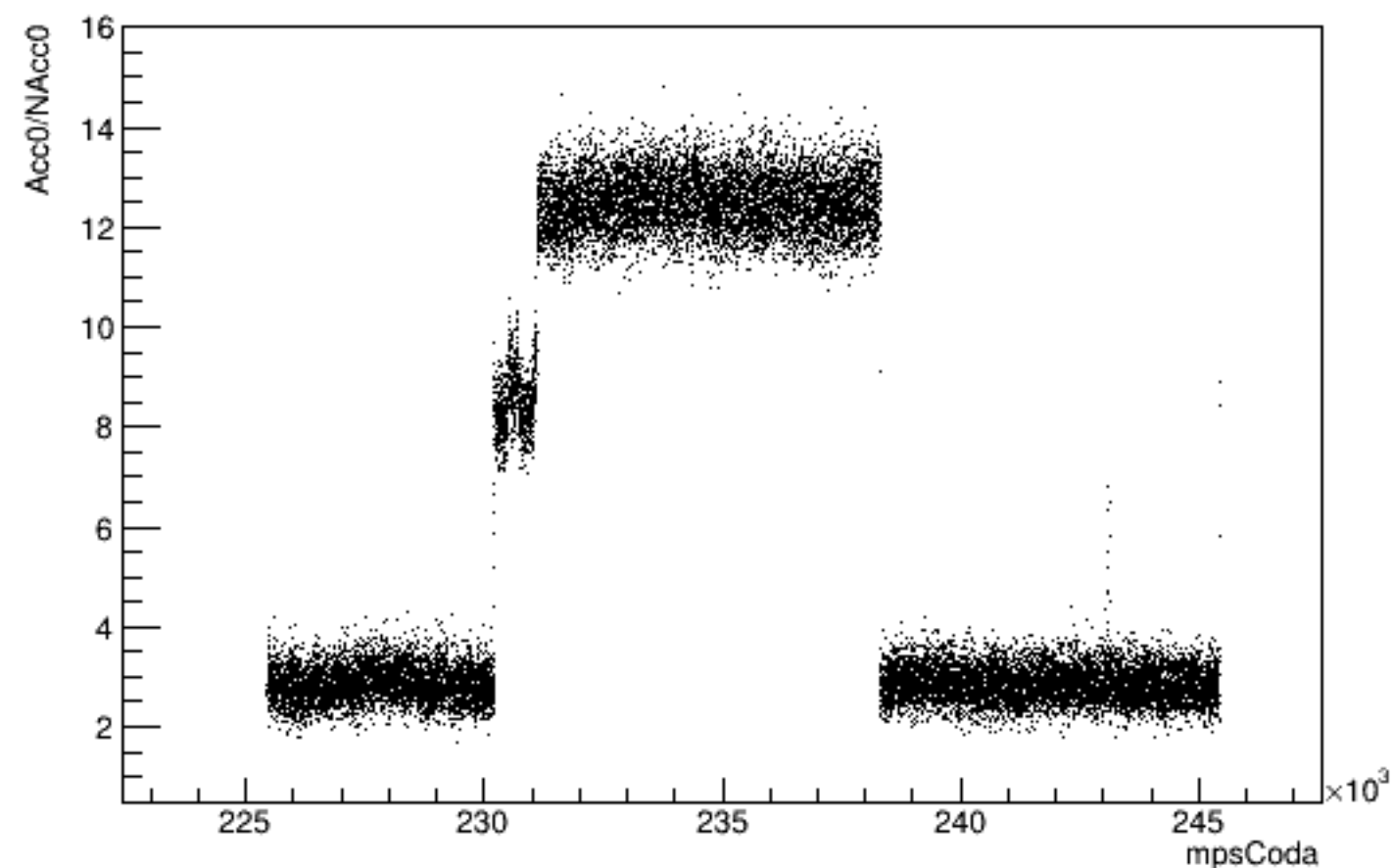
Mean: -0.0006 +/- 0.0004

Std Dev: 0.0177 +/- 0.0003

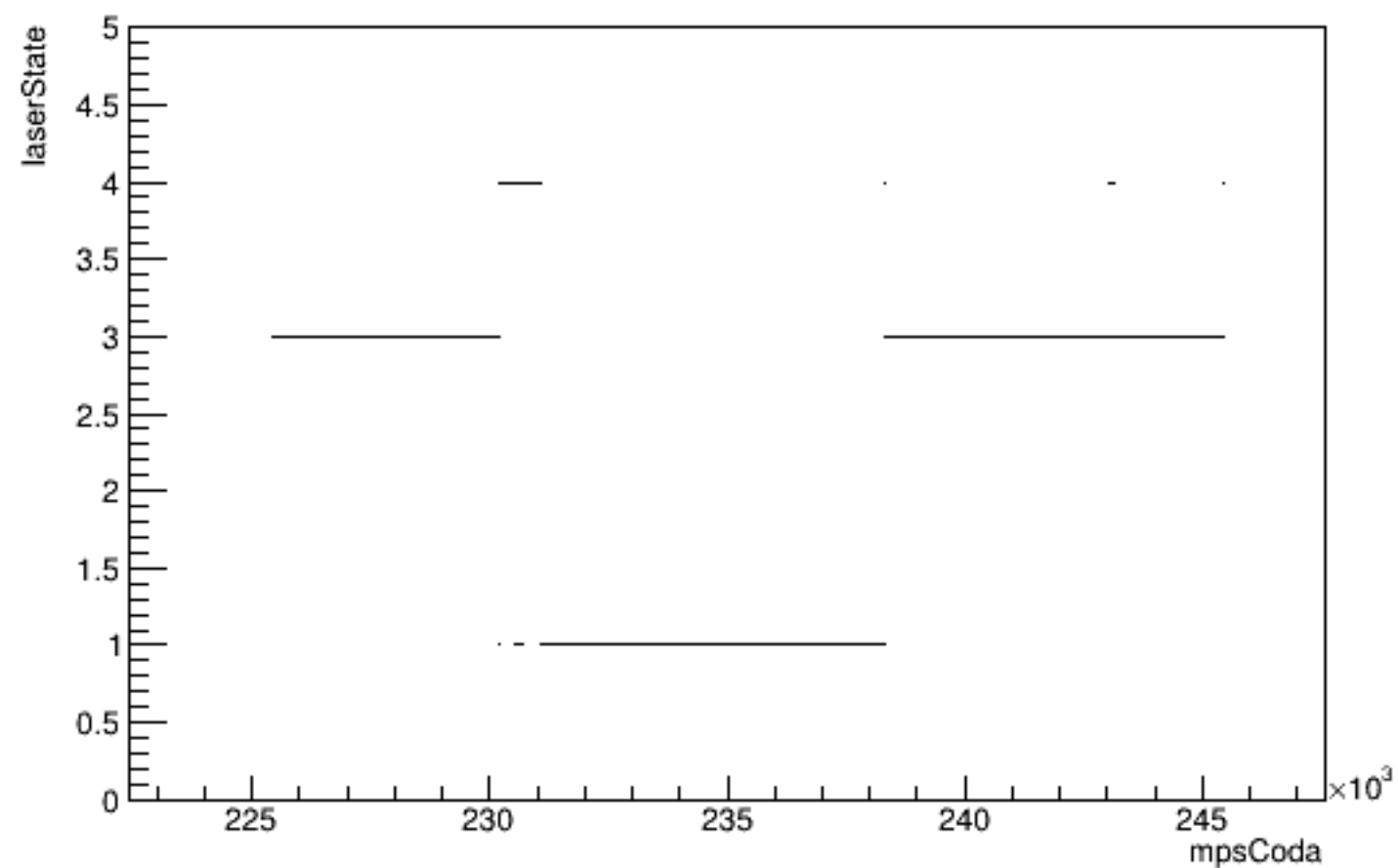
Run 6154 quartetwise, Asyms



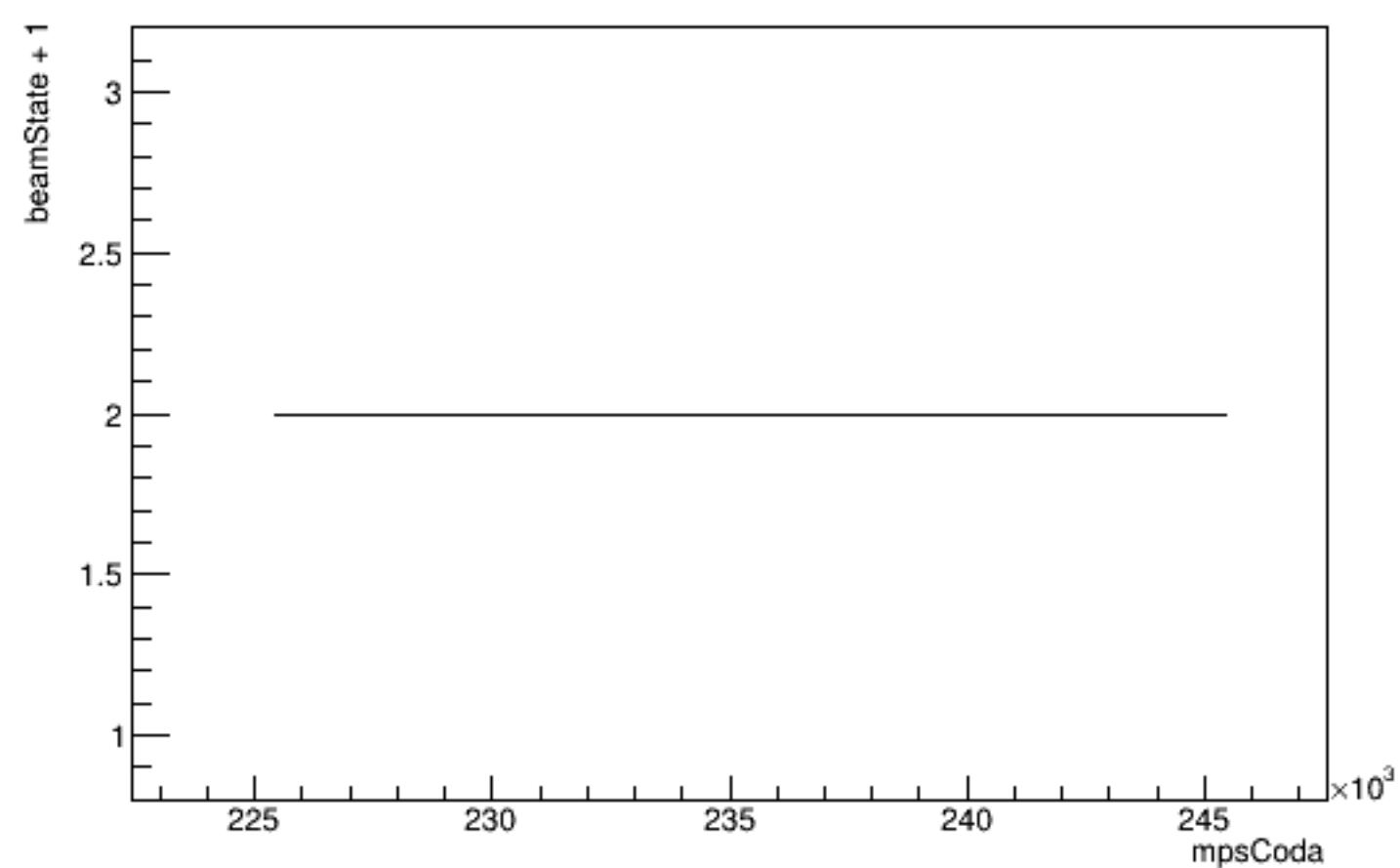
Acc0/NAcc0:mpsCoda (mpsCoda>=225449 && mpsCoda<=245436 && beamState==1)



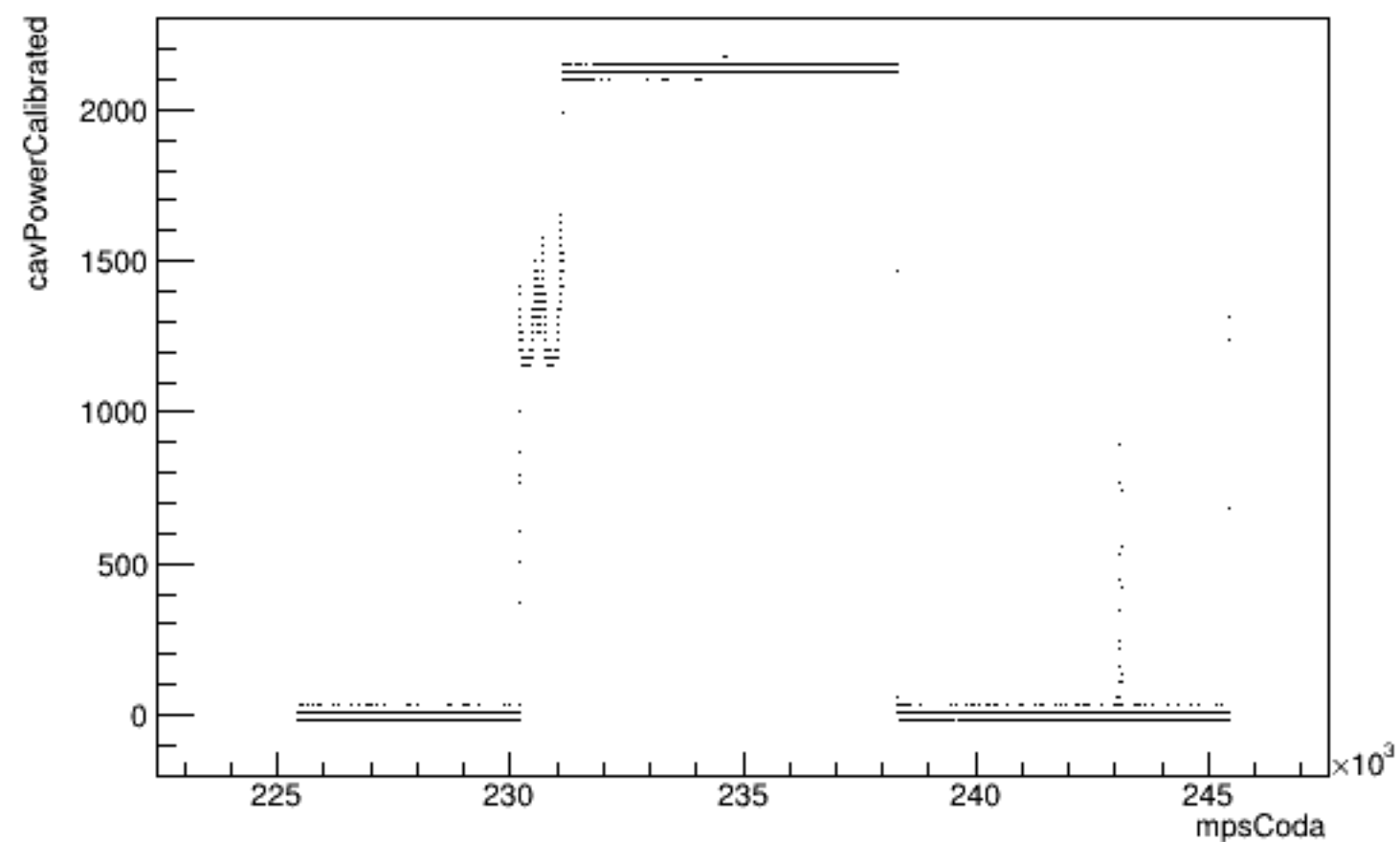
laserState:mpsCoda {mpsCoda>=225449 && mpsCoda<=245436}



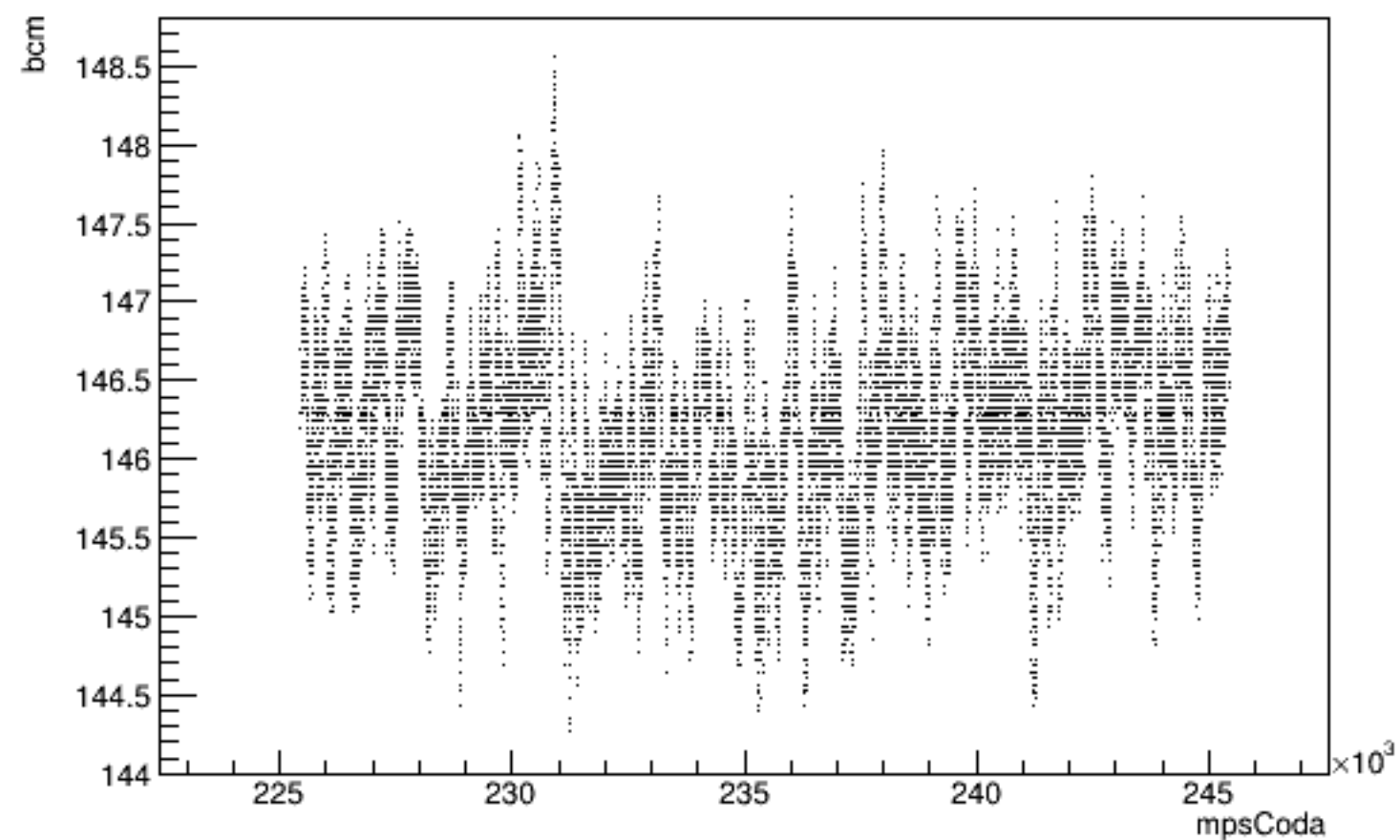
beamState + 1:mpsCoda {mpsCoda>=225449 && mpsCoda<=245436}



cavPowerCalibrated:mpsCoda {mpsCoda>=225449 && mpsCoda<=245436}



bcm:mpsCoda {mpsCoda>=225449 && mpsCoda<=245436}



Cycle 8, Diffs

Entries: 1766

Mean: -0.0110 +/- 0.0081

Std Dev: 0.3402 +/- 0.0057

Entries: 860

Mean: 0.6127 +/- 0.0162

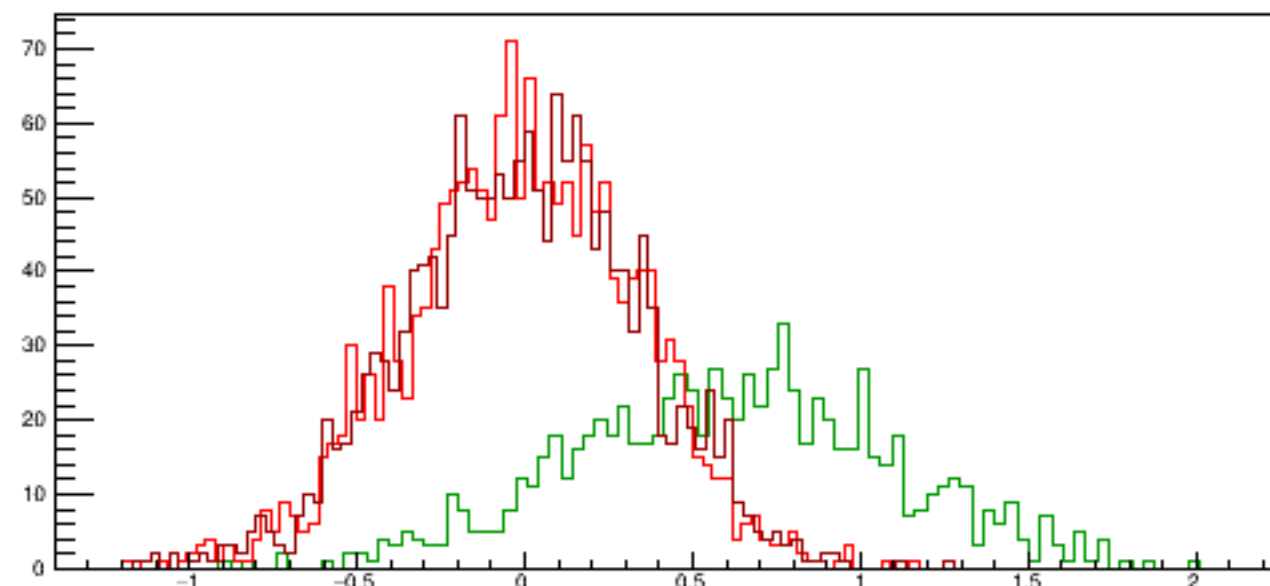
Std Dev: 0.4747 +/- 0.0114

Entries: 1721

Mean: -0.0060 +/- 0.0083

Std Dev: 0.3451 +/- 0.0059

Run 6154 quartetwise, Diffs



Cycle 8, Sums

Entries: 1766

Mean: 5.7258 +/- 0.0085

Std Dev: 0.3564 +/- 0.0060

Entries: 860

Mean: 24.9533 +/- 0.0274

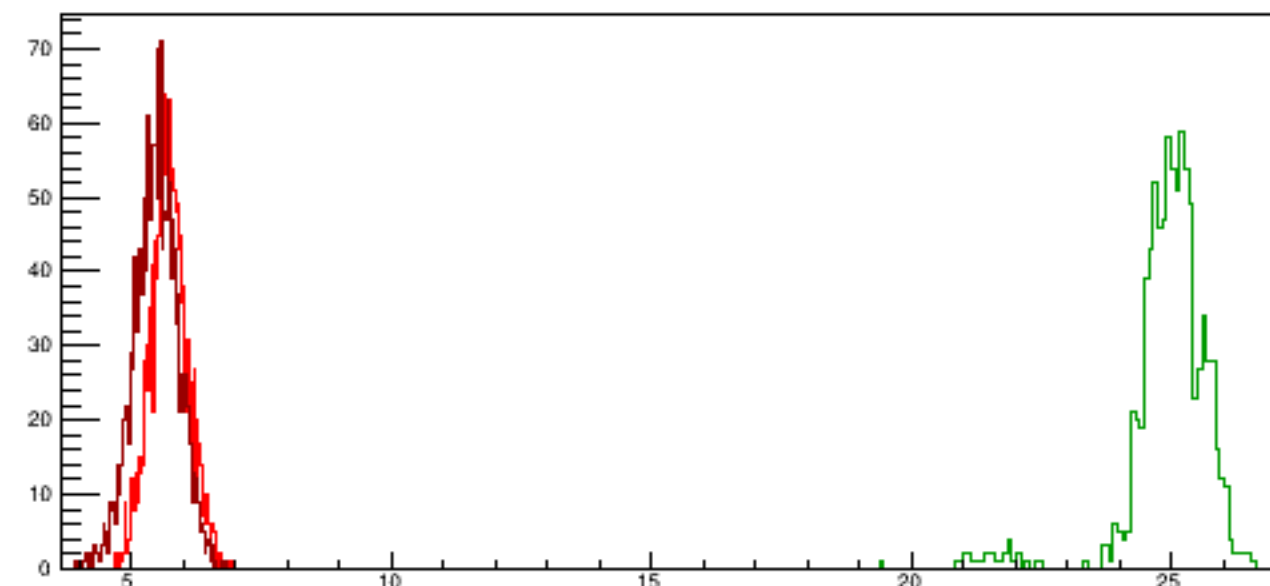
Std Dev: 0.8027 +/- 0.0194

Entries: 1721

Mean: 5.4762 +/- 0.0101

Std Dev: 0.4171 +/- 0.0071

Run 6154 quartetwise, Sums



Cycle 8, Asyms

Entries: 1766

Mean: -0.0006 +/- 0.0004

Std Dev: 0.0176 +/- 0.0003

Entries: 860

Mean: 0.0317 +/- 0.0008

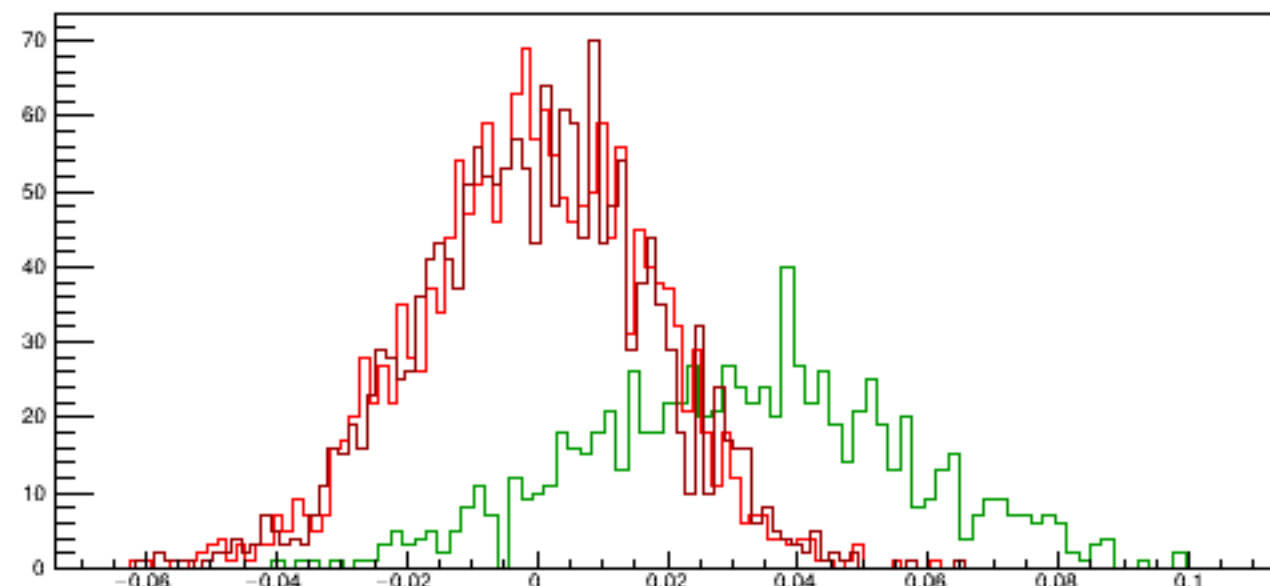
Std Dev: 0.0245 +/- 0.0006

Entries: 1721

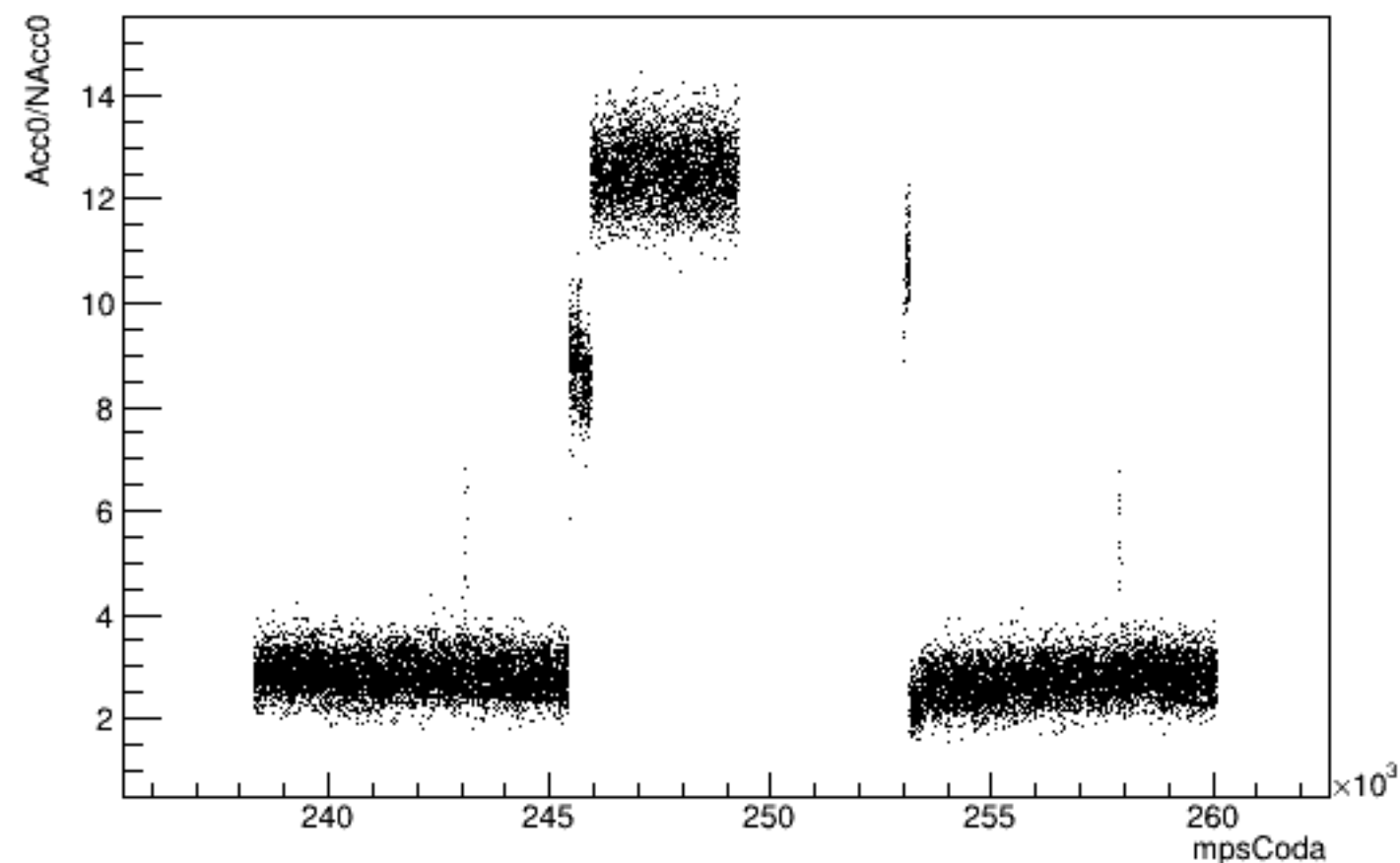
Mean: -0.0003 +/- 0.0004

Std Dev: 0.0178 +/- 0.0003

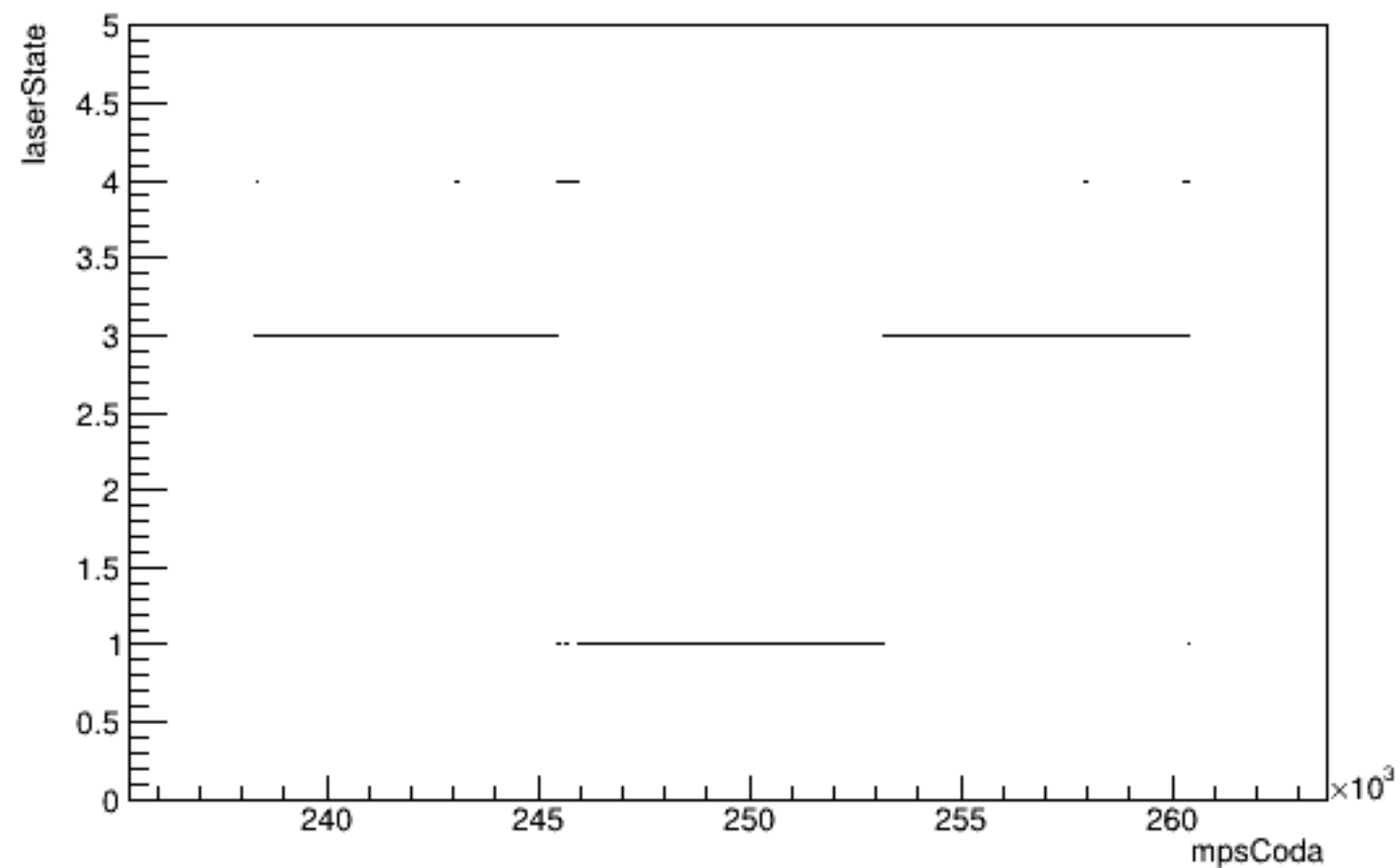
Run 6154 quartetwise, Asyms



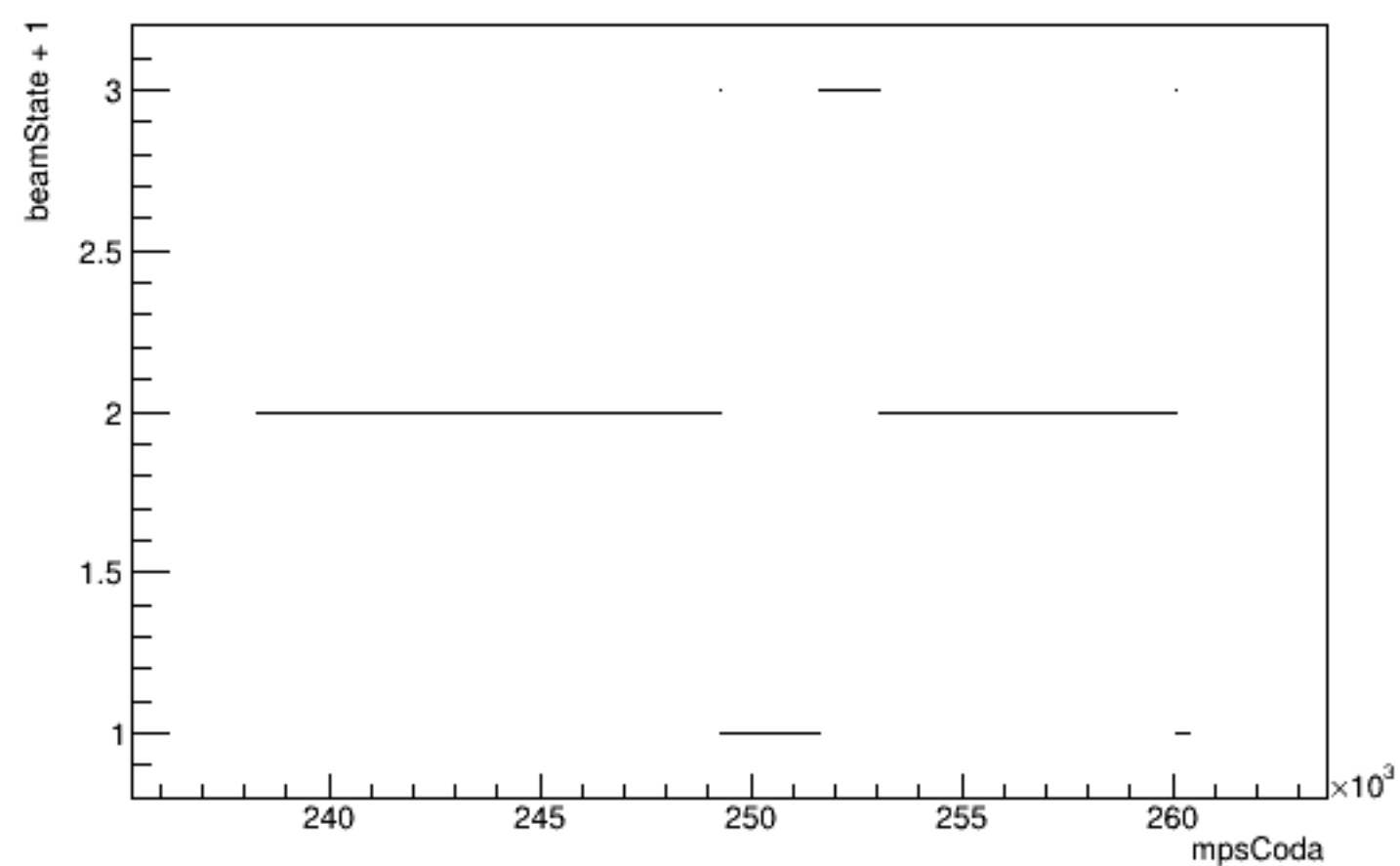
Acc0/NAcc0:mpsCoda (mpsCoda>=238317 && mpsCoda<=260412 && beamState==1)



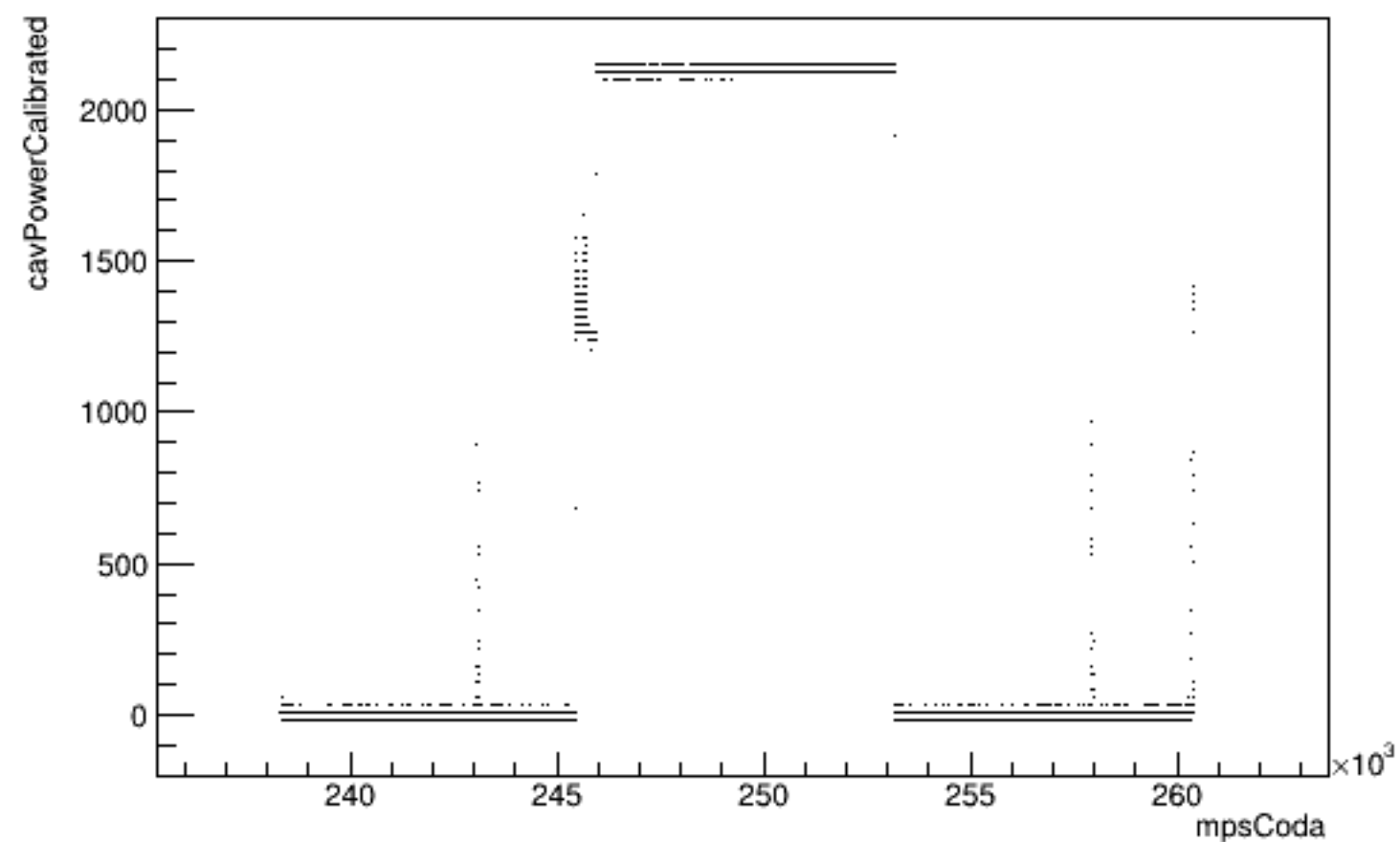
laserState:mpsCoda {mpsCoda>=238317 && mpsCoda<=260412}



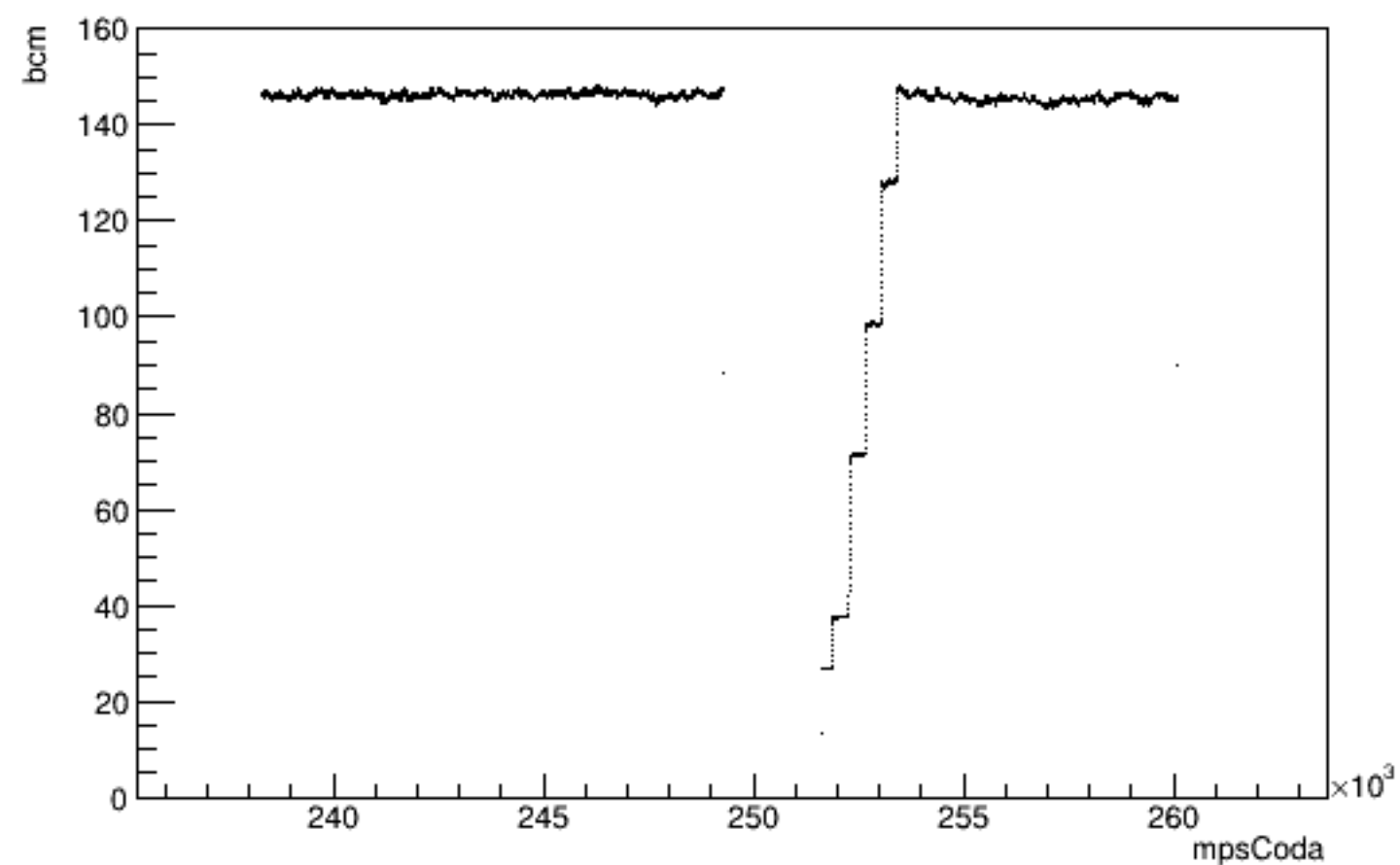
beamState + 1:mpsCoda {mpsCoda>=238317 && mpsCoda<=260412}



cavPowerCalibrated:mpsCoda {mpsCoda>=238317 && mpsCoda<=260412}



bcm:mpsCoda {mpsCoda>=238317 && mpsCoda<=260412}



Cycle 9, Diffs

Entries: 1721

Mean: -0.0060 +/- 0.0083

Std Dev: 0.3451 +/- 0.0059

Entries: 1039

Mean: 0.6046 +/- 0.0143

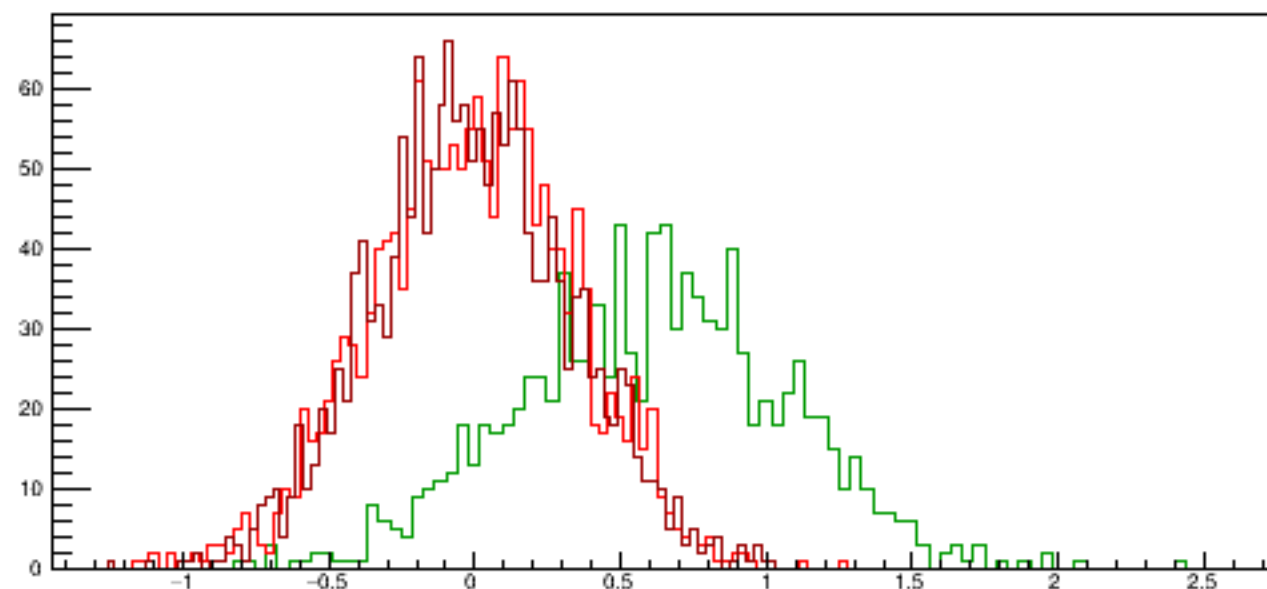
Std Dev: 0.4616 +/- 0.0101

Entries: 1776

Mean: -0.0102 +/- 0.0080

Std Dev: 0.3376 +/- 0.0057

Run 6154 quartetwise, Diffs



Cycle 9, Sums

Entries: 1721

Mean: 5.4762 +/- 0.0101

Std Dev: 0.4171 +/- 0.0071

Entries: 1039

Mean: 24.2196 +/- 0.0261

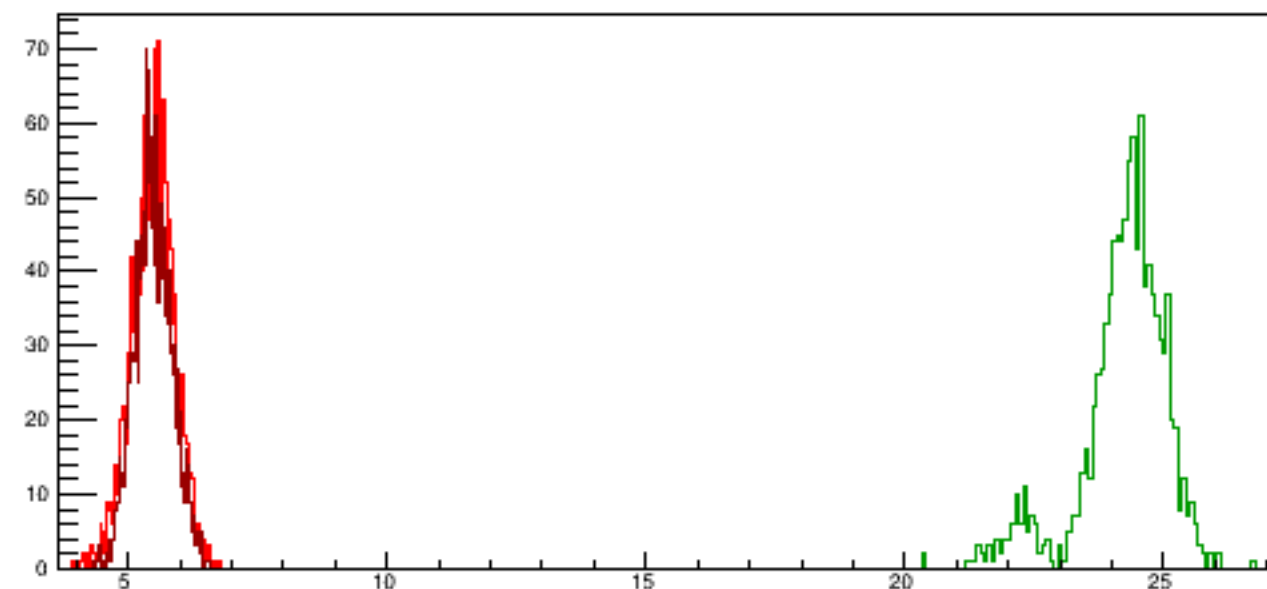
Std Dev: 0.8425 +/- 0.0185

Entries: 1776

Mean: 5.4857 +/- 0.0085

Std Dev: 0.3567 +/- 0.0060

Run 6154 quartetwise, Sums



Cycle 9, Asyms

Entries: 1721

Mean: -0.0003 +/- 0.0004

Std Dev: 0.0184 +/- 0.0003

Entries: 1039

Mean: 0.0323 +/- 0.0008

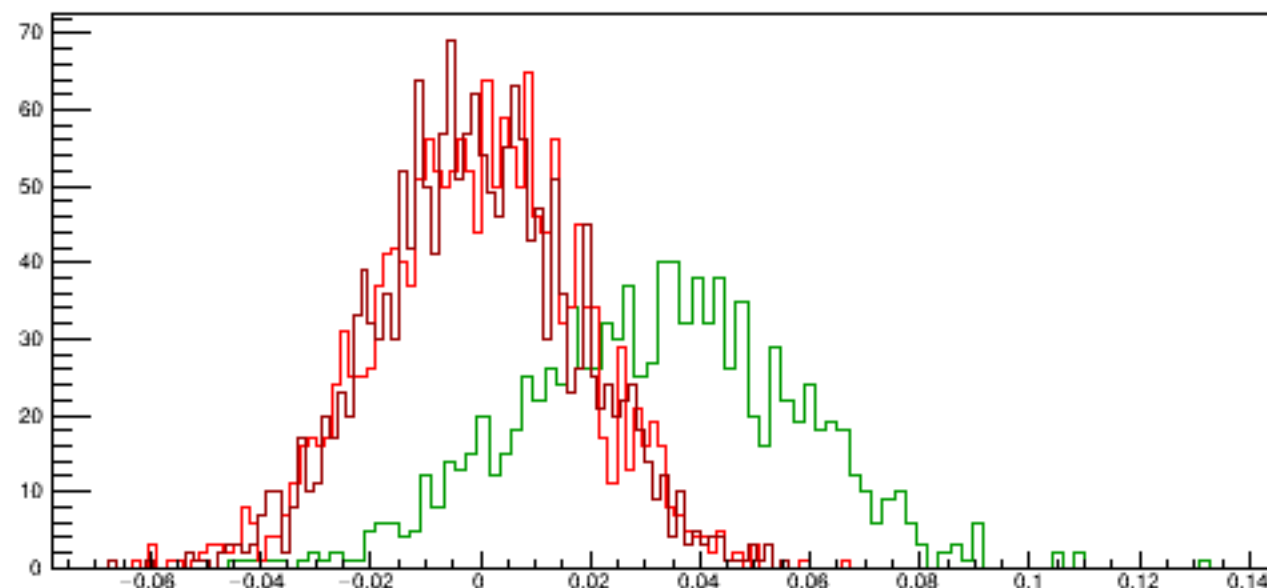
Std Dev: 0.0247 +/- 0.0005

Entries: 1776

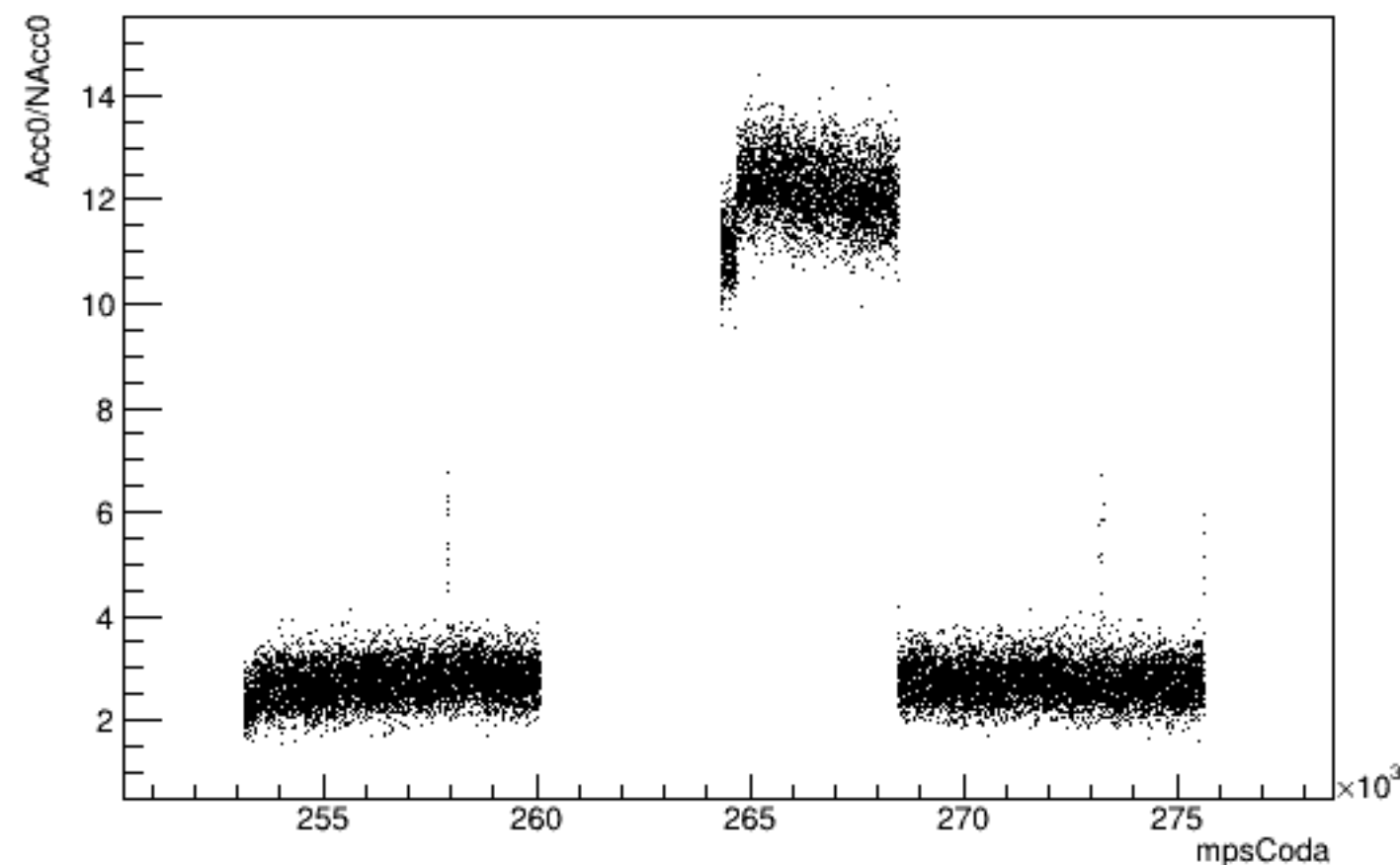
Mean: -0.0005 +/- 0.0004

Std Dev: 0.0180 +/- 0.0003

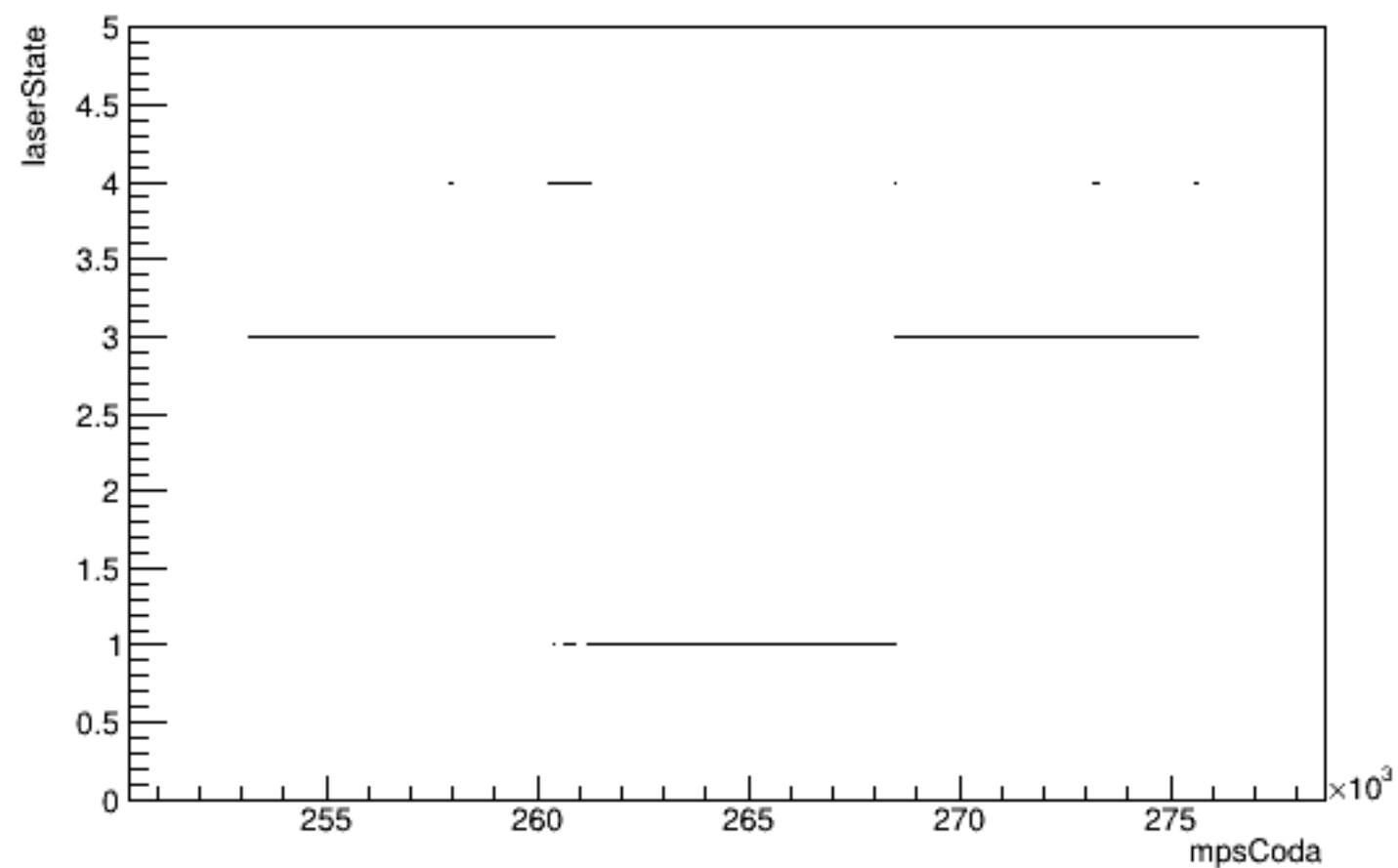
Run 6154 quartetwise, Asyms



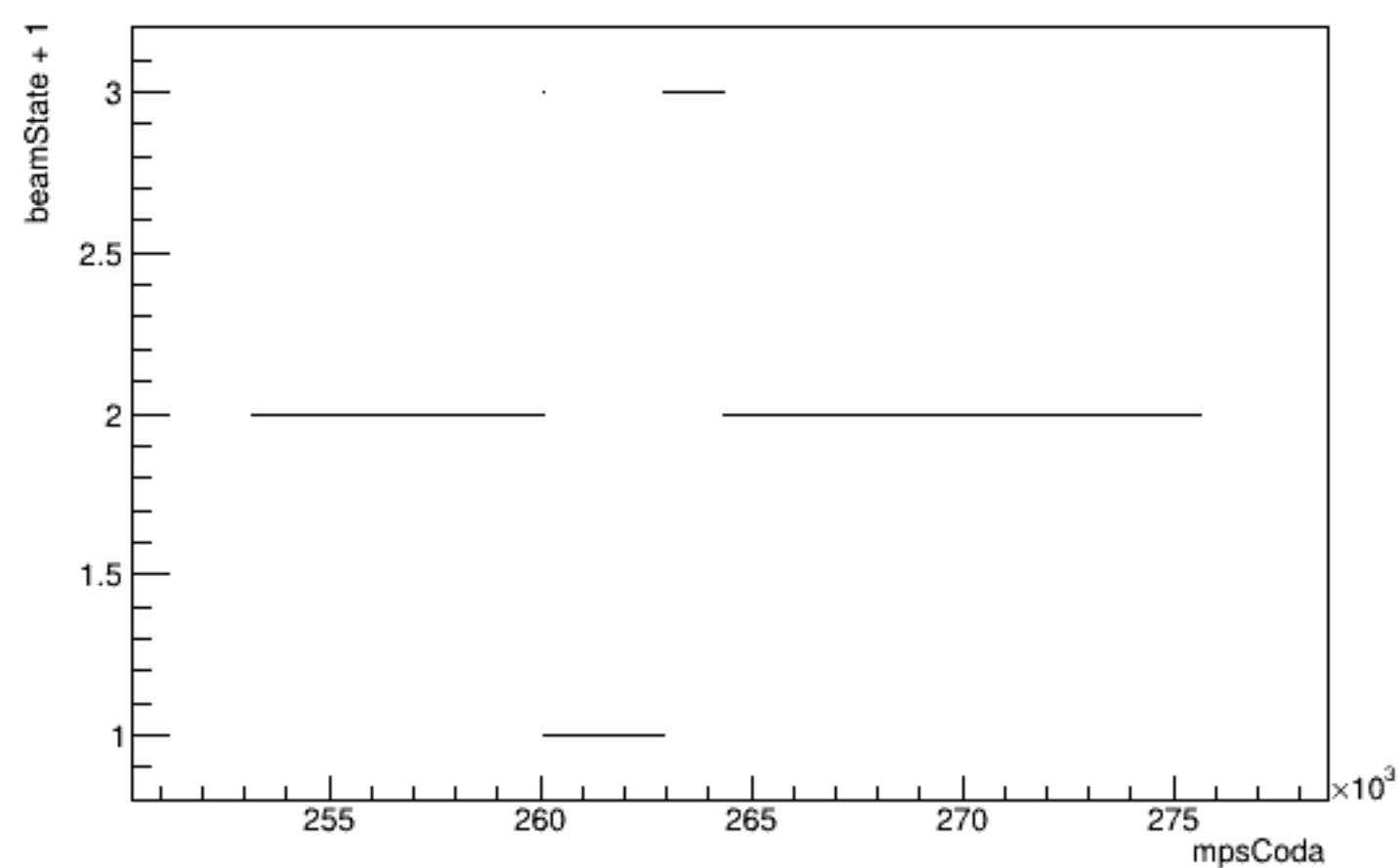
Acc0/NAcc0:mpsCoda (mpsCoda>=253153 && mpsCoda<=275632 && beamState==1)



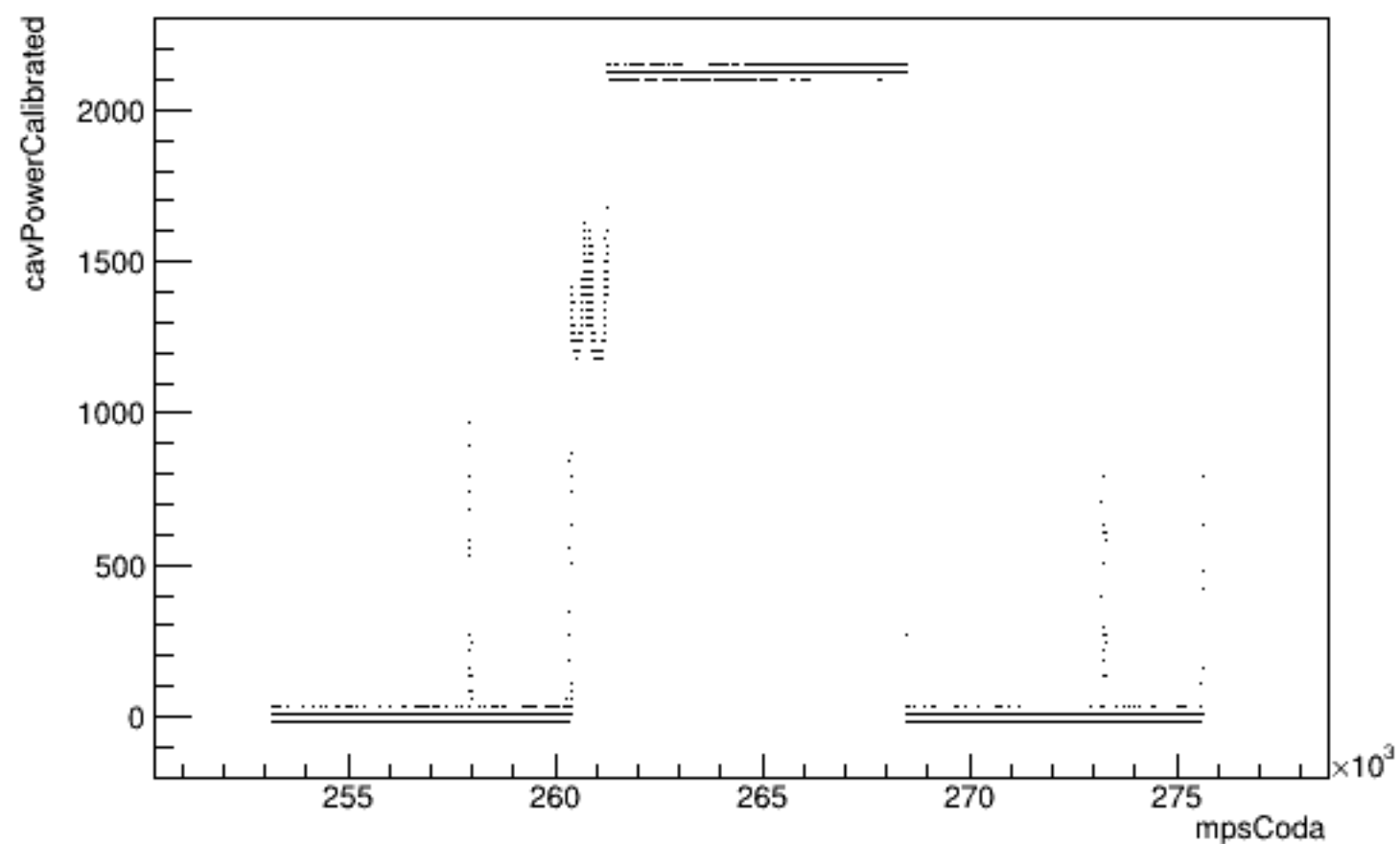
laserState:mpsCoda {mpsCoda>=253153 && mpsCoda<=275632}



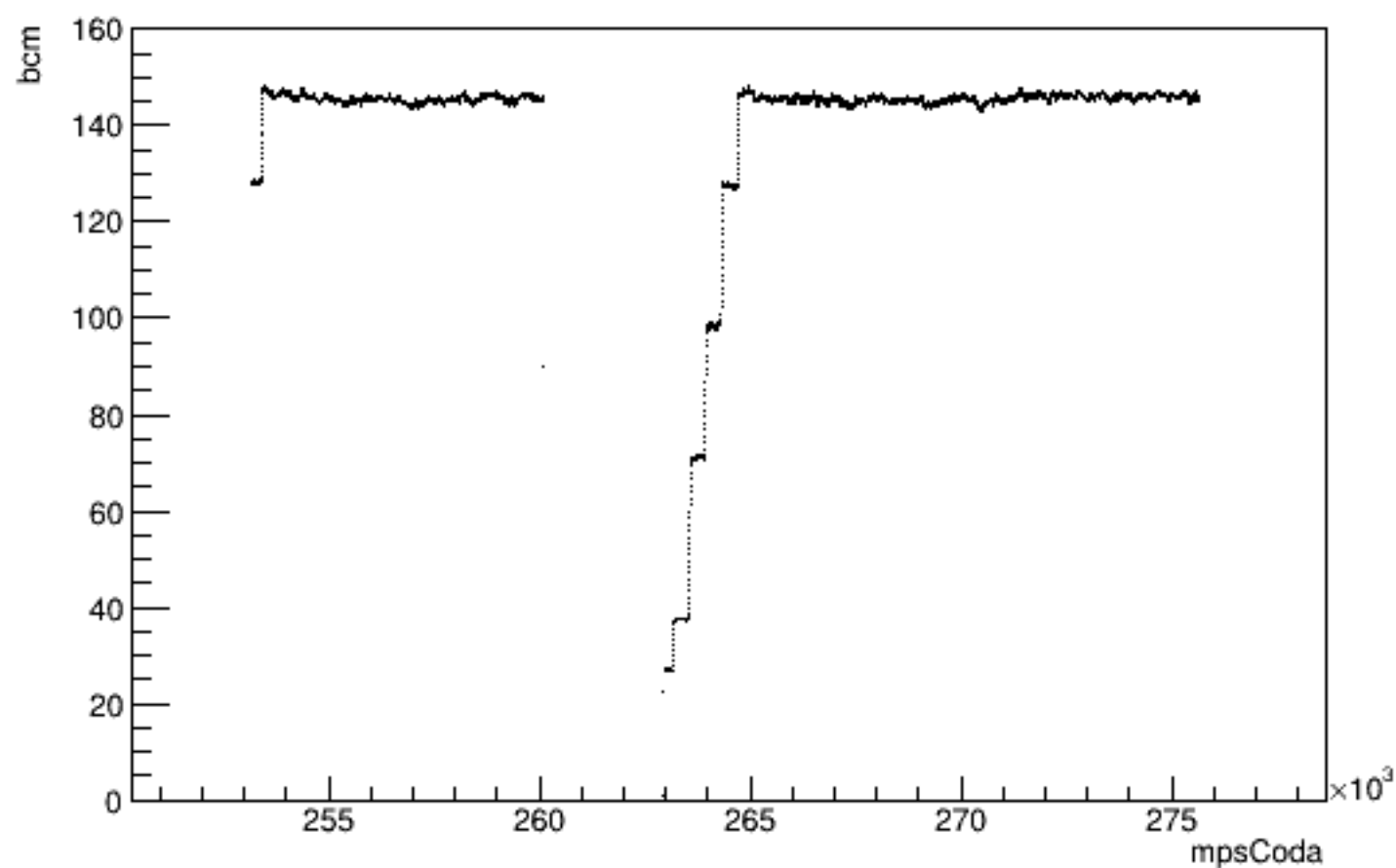
beamState + 1:mpsCoda {mpsCoda>=253153 && mpsCoda<=275632}



cavPowerCalibrated:mpsCoda {mpsCoda>=253153 && mpsCoda<=275632}



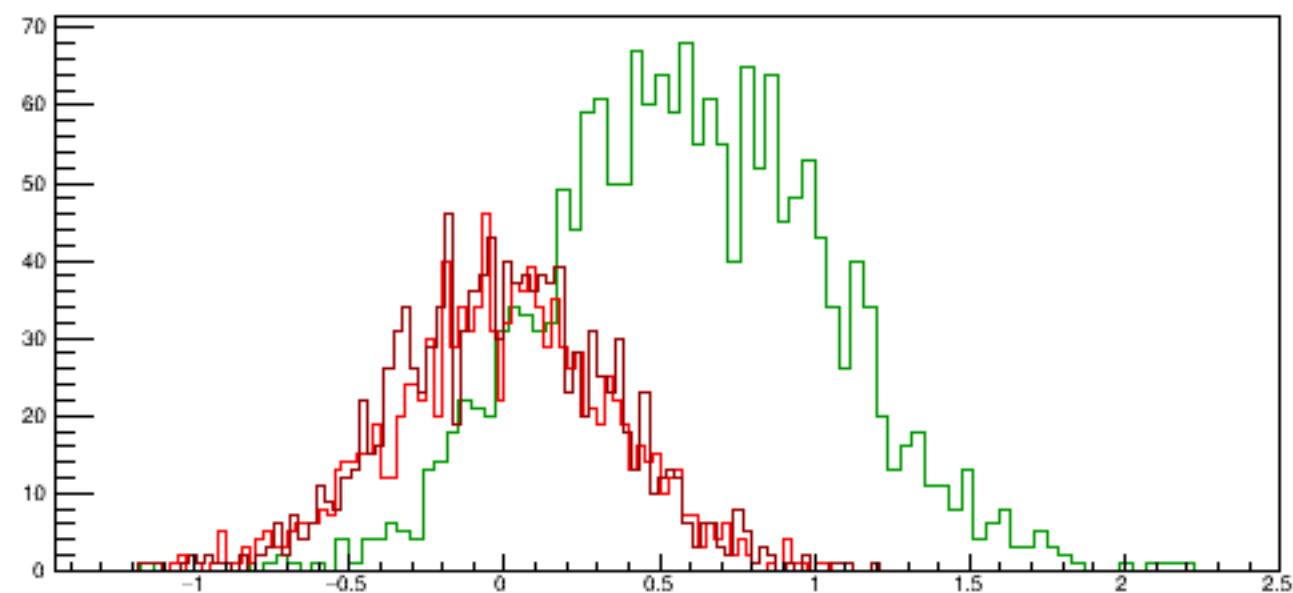
bcm:mpsCoda {mpsCoda>=253153 && mpsCoda<=275632}



Cycle 10, Diffs

Entries: 1184	Entries: 1801	Entries: 1193
Mean: -0.0054 +/- 0.0101	Mean: 0.5940 +/- 0.0106	Mean: -0.0035 +/- 0.0101
Std Dev: 0.3473 +/- 0.0071	Std Dev: 0.4507 +/- 0.0075	Std Dev: 0.3487 +/- 0.0071

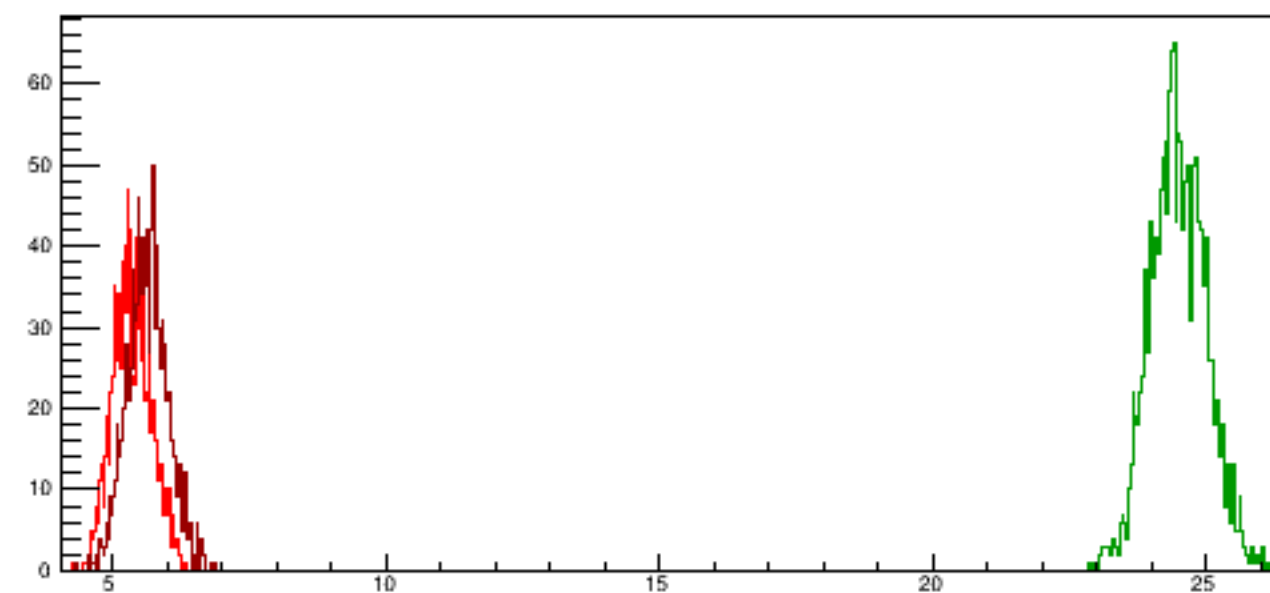
Run 6154 quartetwise, Diffs



Cycle 10, Sums

Entries: 1184	Entries: 1801	Entries: 1193
Mean: 5.3566 +/- 0.0102	Mean: 24.4833 +/- 0.0122	Mean: 5.6318 +/- 0.0109
Std Dev: 0.3522 +/- 0.0072	Std Dev: 0.5157 +/- 0.0086	Std Dev: 0.3770 +/- 0.0077

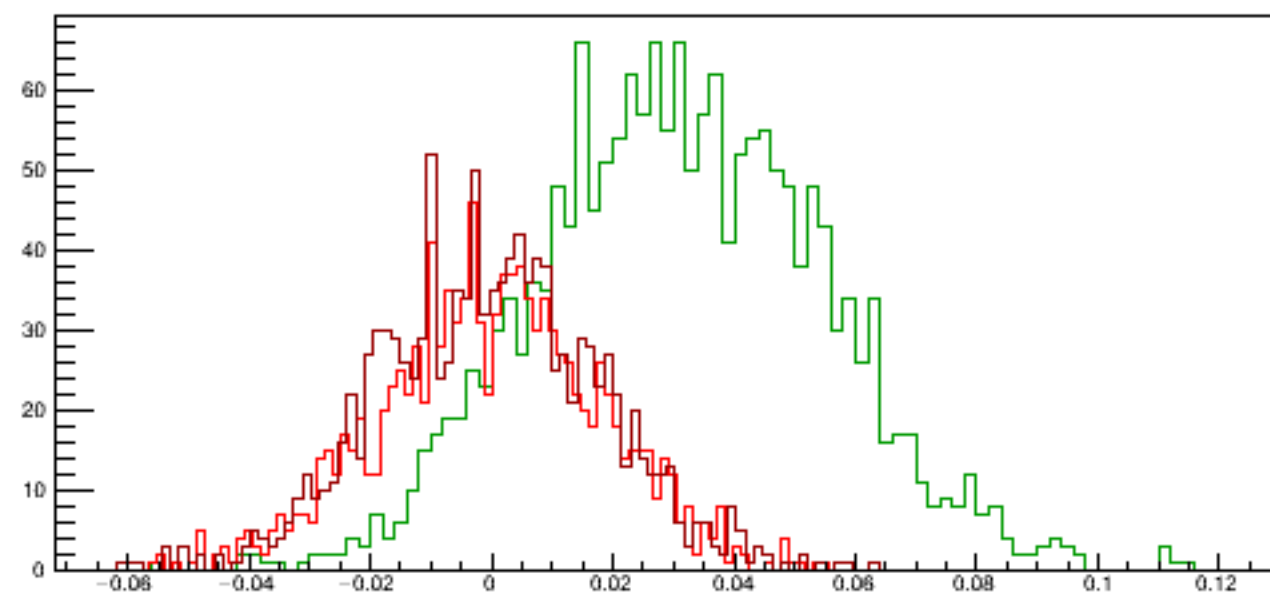
Run 6154 quartetwise, Sums



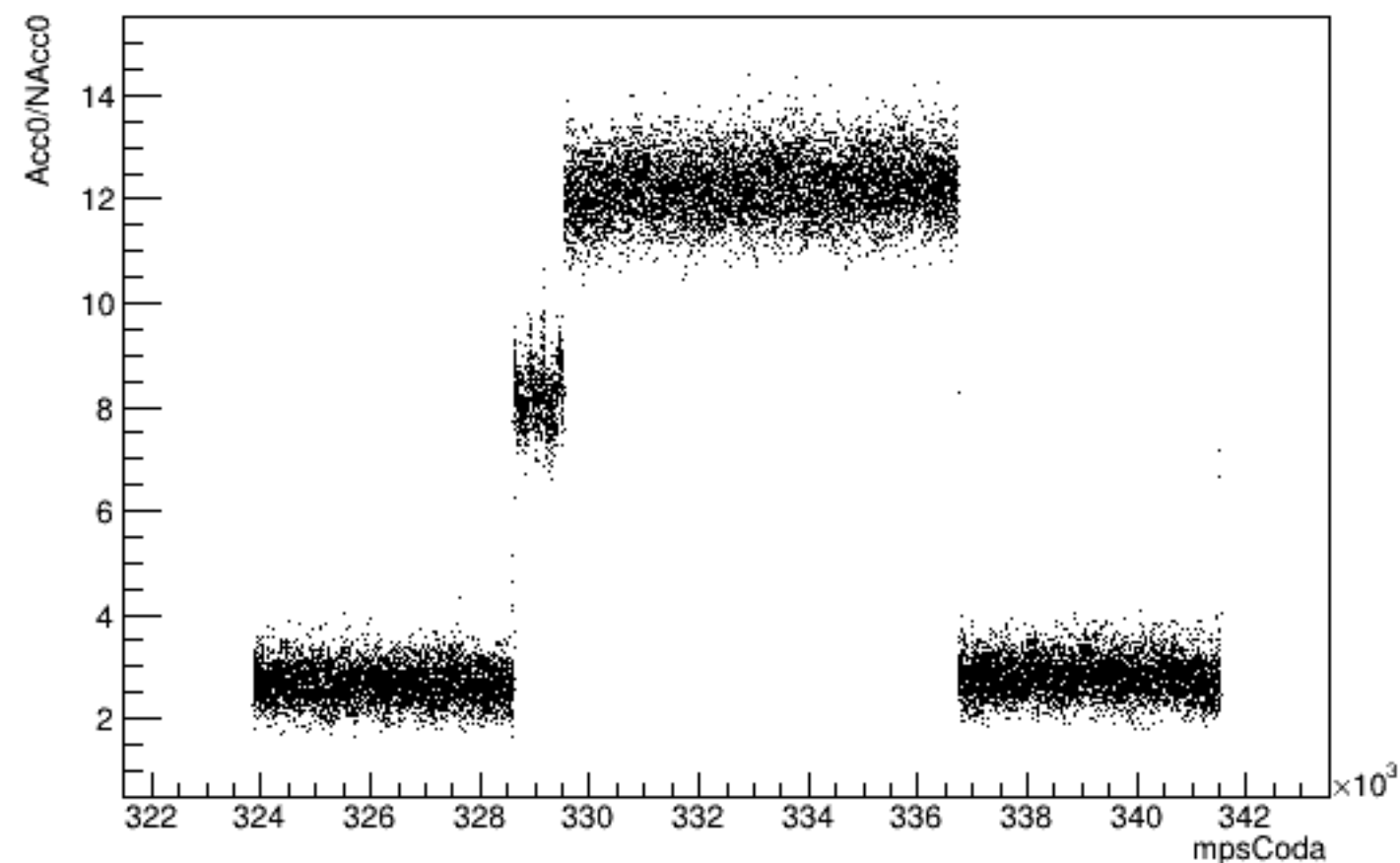
Cycle 10, Asyms

Entries: 1184	Entries: 1801	Entries: 1193
Mean: -0.0003 +/- 0.0005	Mean: 0.0313 +/- 0.0006	Mean: -0.0002 +/- 0.0005
Std Dev: 0.0183 +/- 0.0004	Std Dev: 0.0237 +/- 0.0004	Std Dev: 0.0184 +/- 0.0004

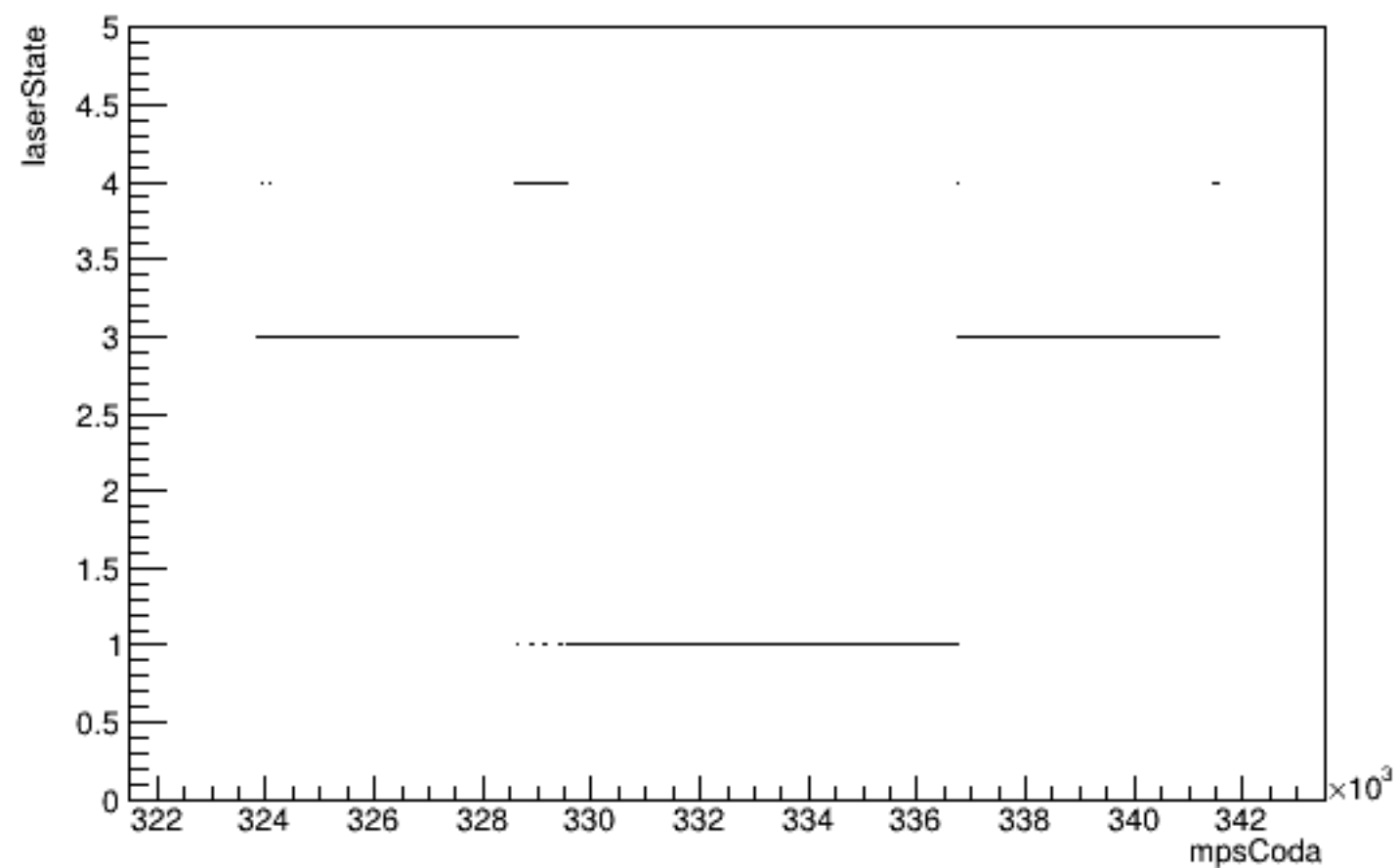
Run 6154 quartetwise, Asyms



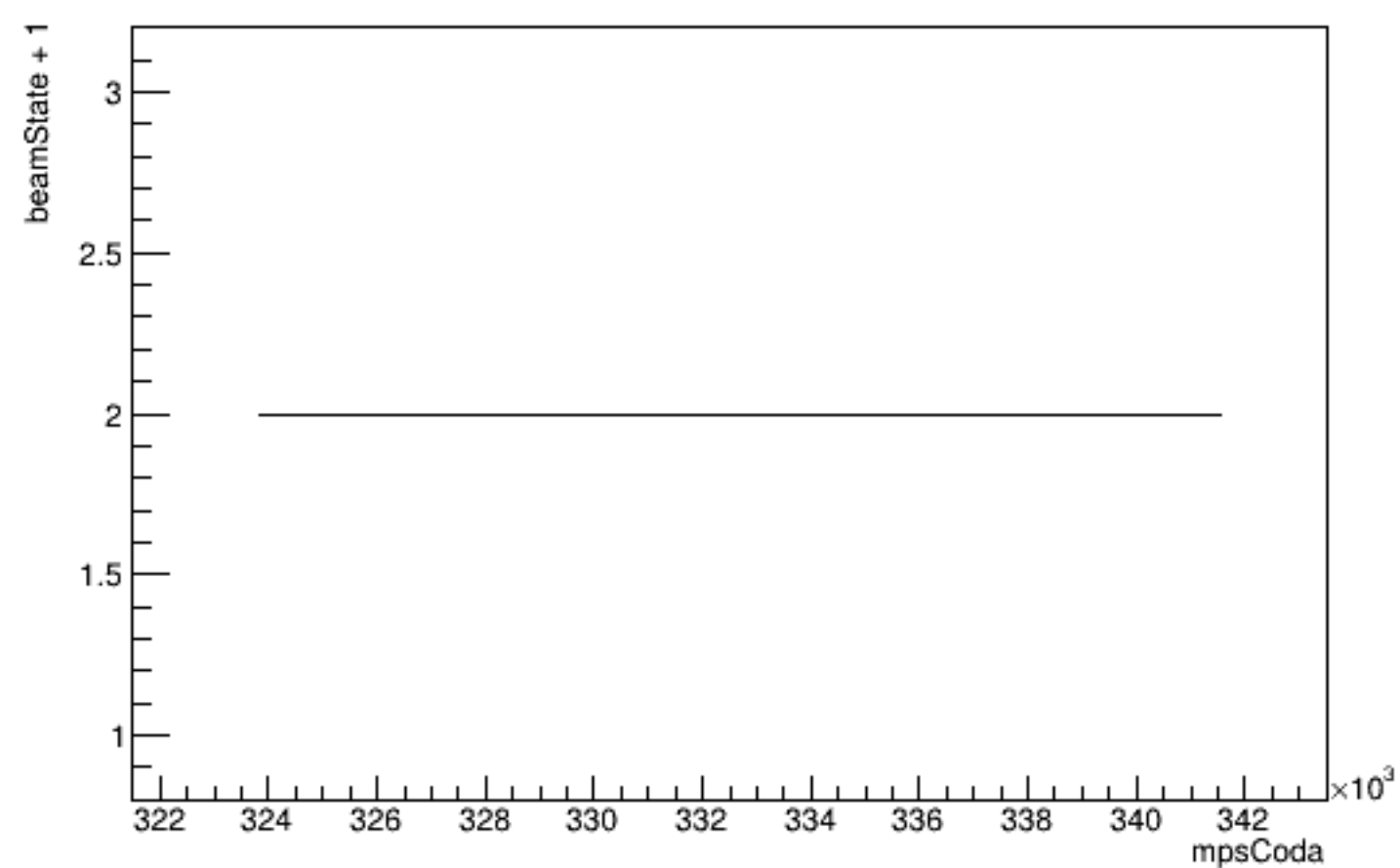
Acc0/NAcc0:mpsCoda (mpsCoda>=323857 && mpsCoda<=341528 && beamState==1)



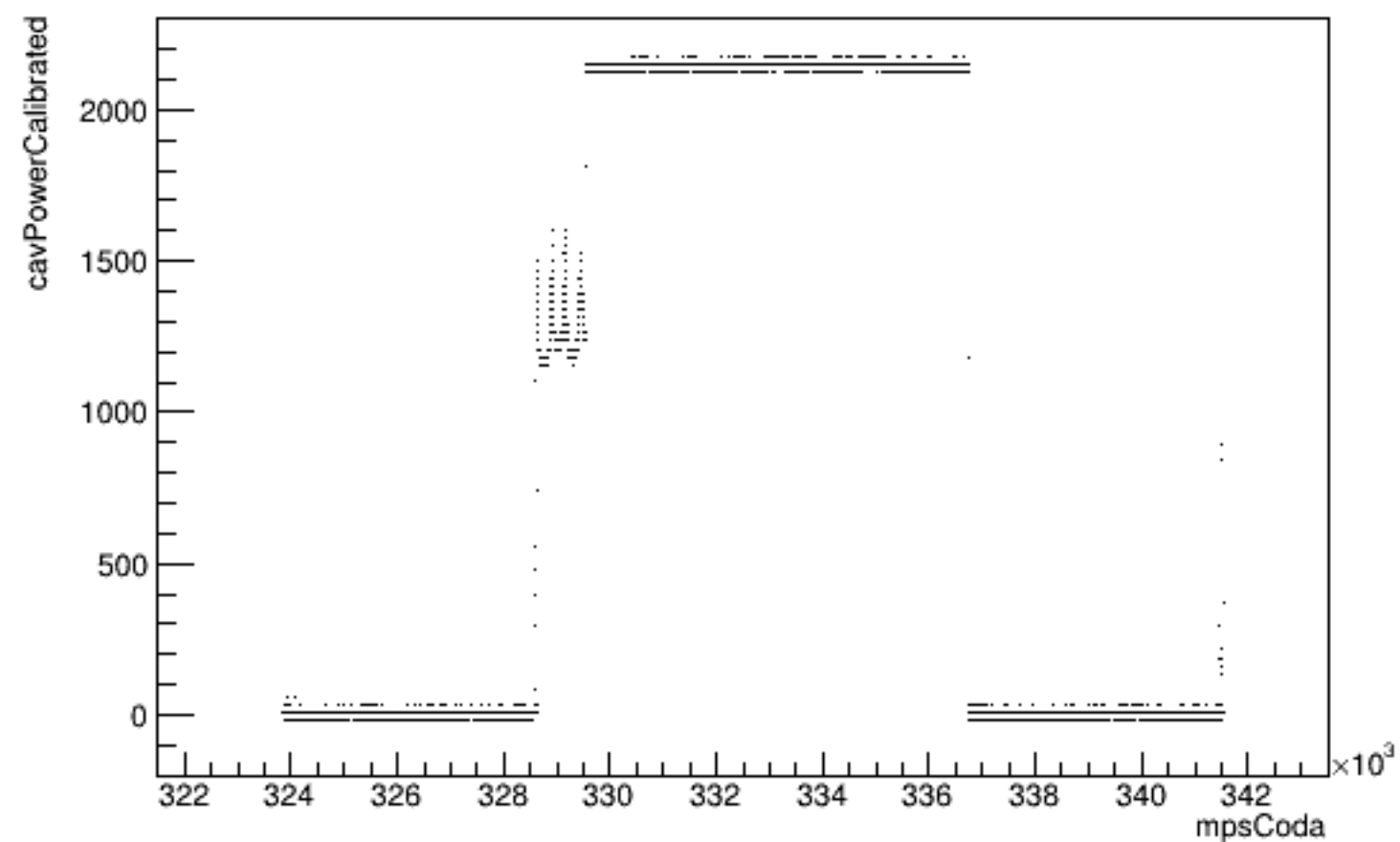
laserState:mpsCoda {mpsCoda>=323857 && mpsCoda<=341528}



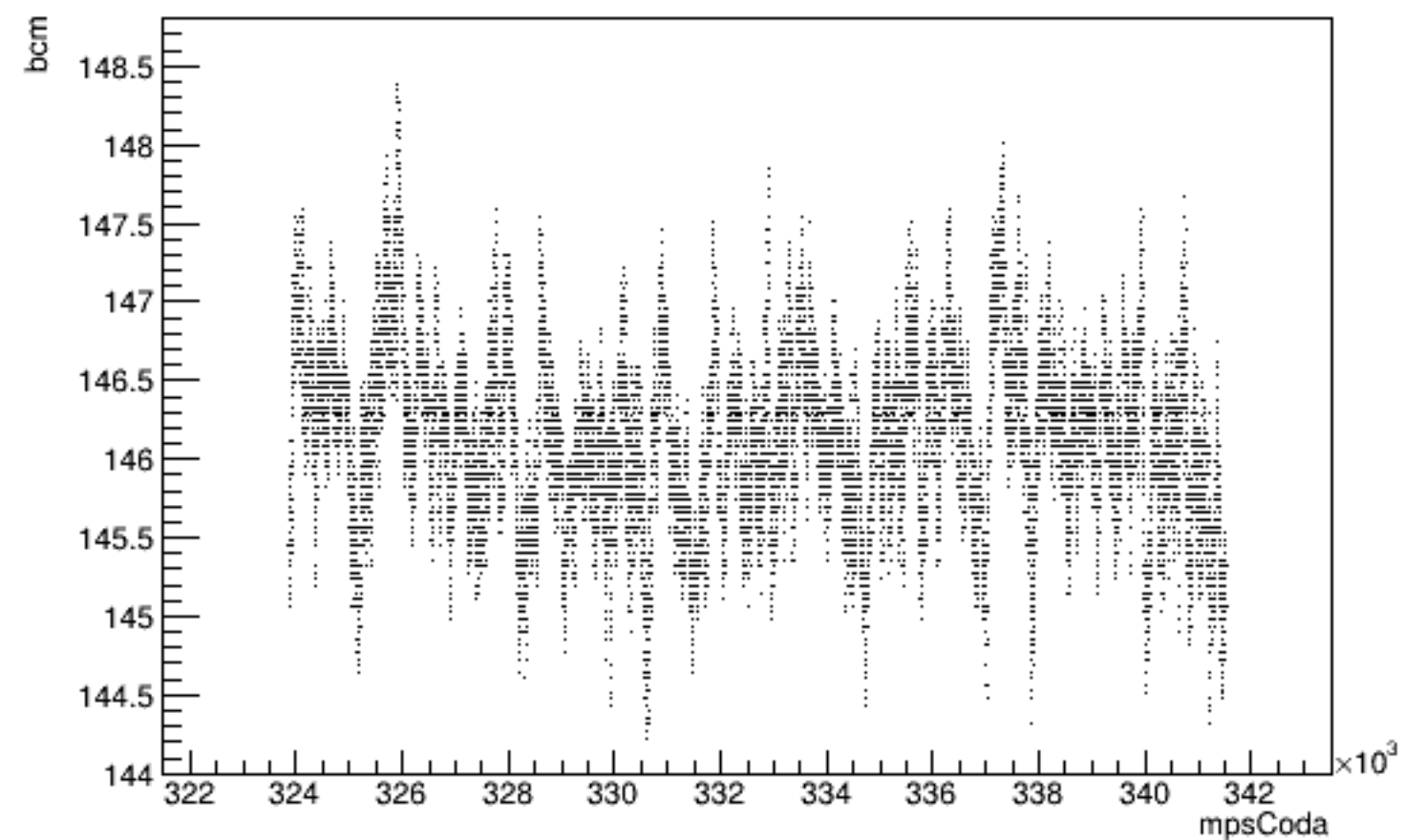
beamState + 1:mpsCoda {mpsCoda>=323857 && mpsCoda<=341528}



cavPowerCalibrated:mpsCoda {mpsCoda>=323857 && mpsCoda<=341528}



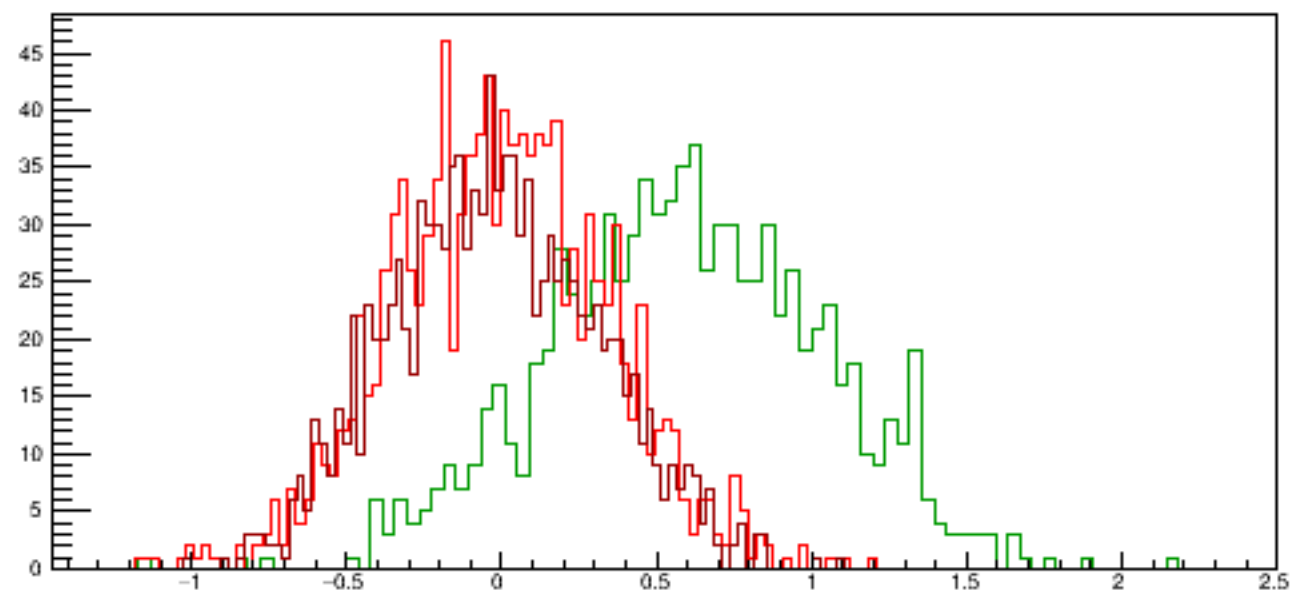
bcm:mpsCoda {mpsCoda>=323857 && mpsCoda<=341528}



Cycle 11, Diffs

Entries: 1193	Entries: 901	Entries: 1180
Mean: -0.0035 +/- 0.0101	Mean: 0.5941 +/- 0.0147	Mean: -0.0234 +/- 0.0097
Std Dev: 0.3487 +/- 0.0071	Std Dev: 0.4405 +/- 0.0104	Std Dev: 0.3328 +/- 0.0069

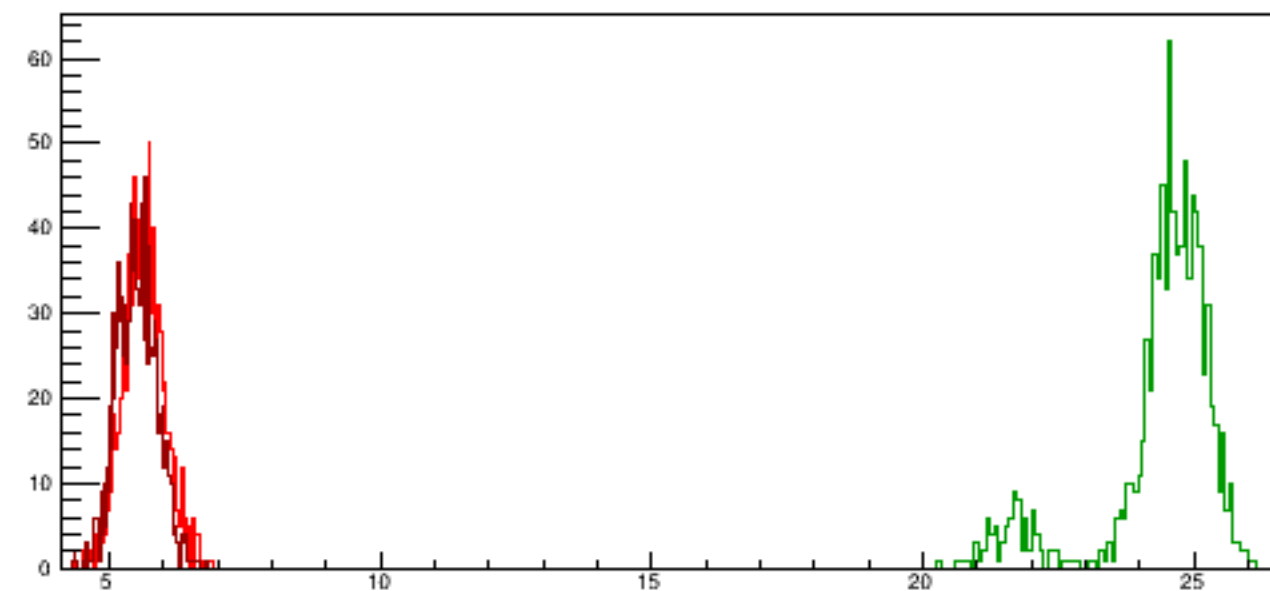
Run 6154 quartetwise, Diffs



Cycle 11, Sums

Entries: 1193	Entries: 901	Entries: 1180
Mean: 5.6318 +/- 0.0109	Mean: 24.4021 +/- 0.0346	Mean: 5.5066 +/- 0.0107
Std Dev: 0.3770 +/- 0.0077	Std Dev: 1.0390 +/- 0.0245	Std Dev: 0.3671 +/- 0.0076

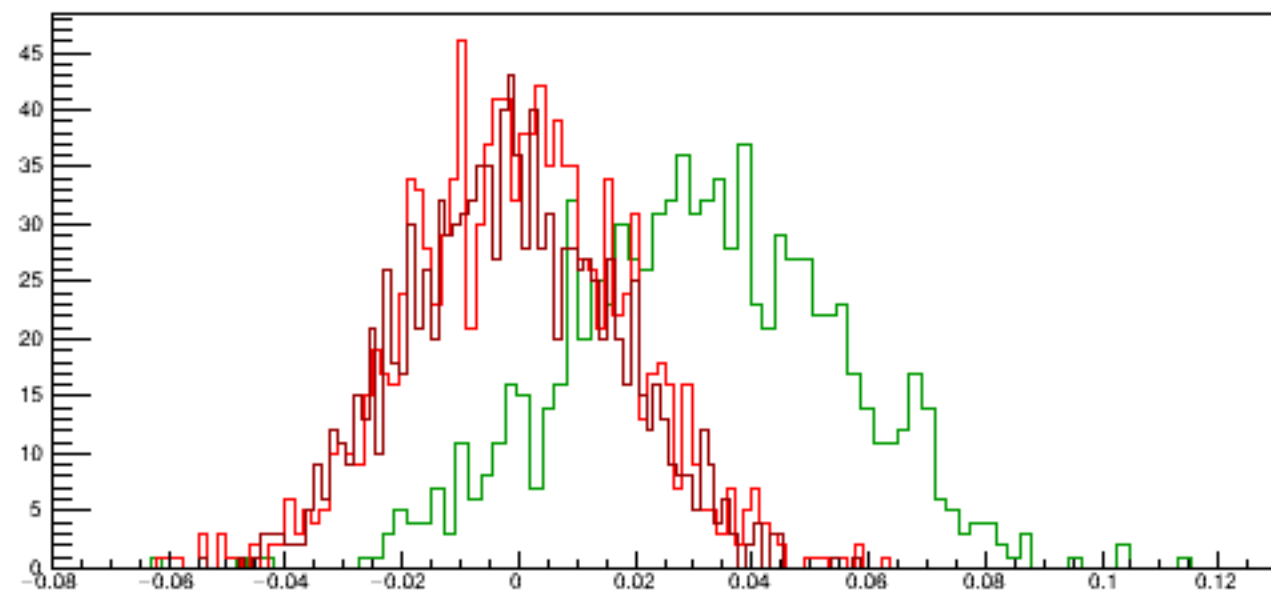
Run 6154 quartetwise, Sums



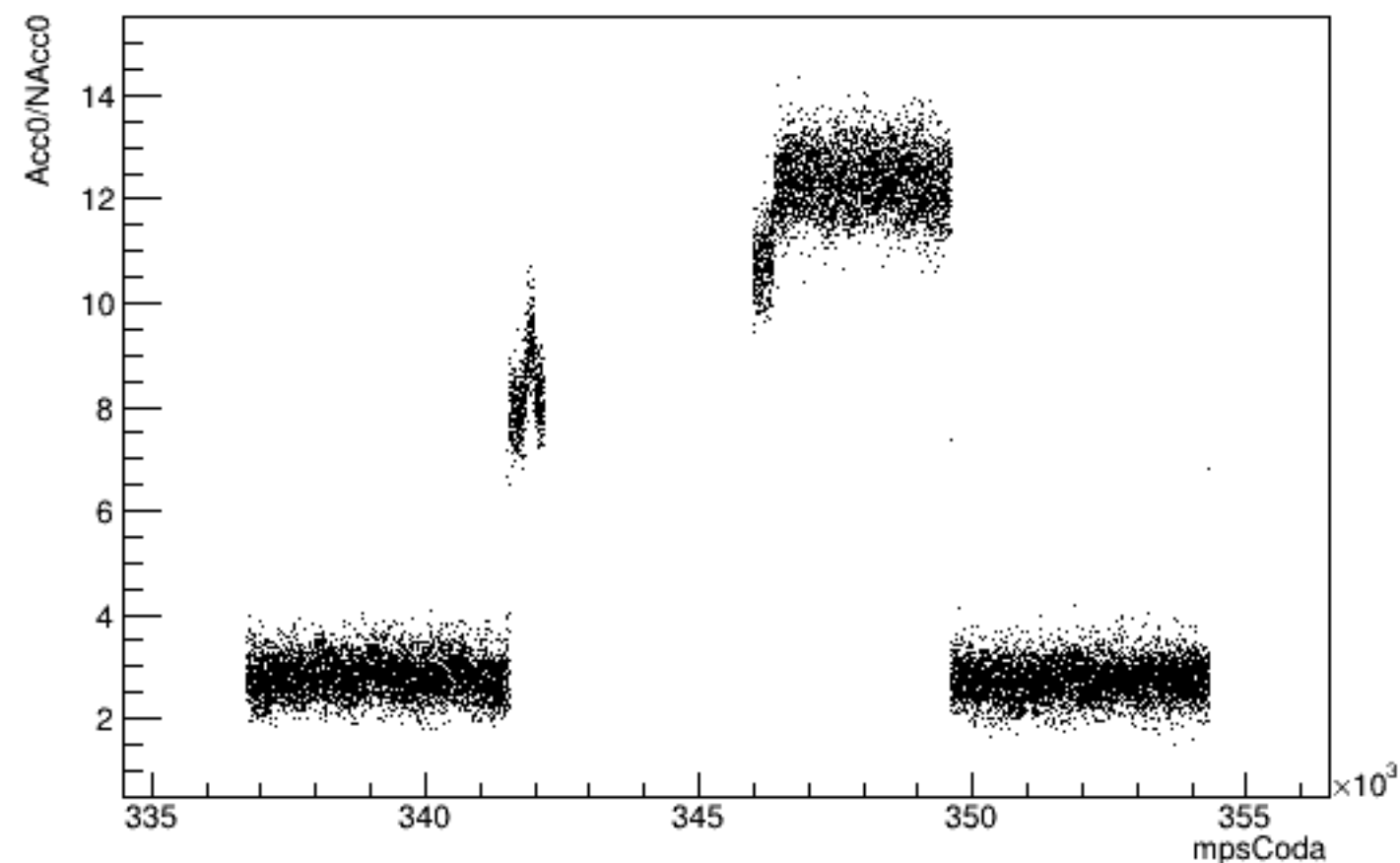
Cycle 11, Asyms

Entries: 1193	Entries: 901	Entries: 1180
Mean: -0.0002 +/- 0.0005	Mean: 0.0315 +/- 0.0008	Mean: -0.0012 +/- 0.0005
Std Dev: 0.0185 +/- 0.0004	Std Dev: 0.0234 +/- 0.0006	Std Dev: 0.0177 +/- 0.0004

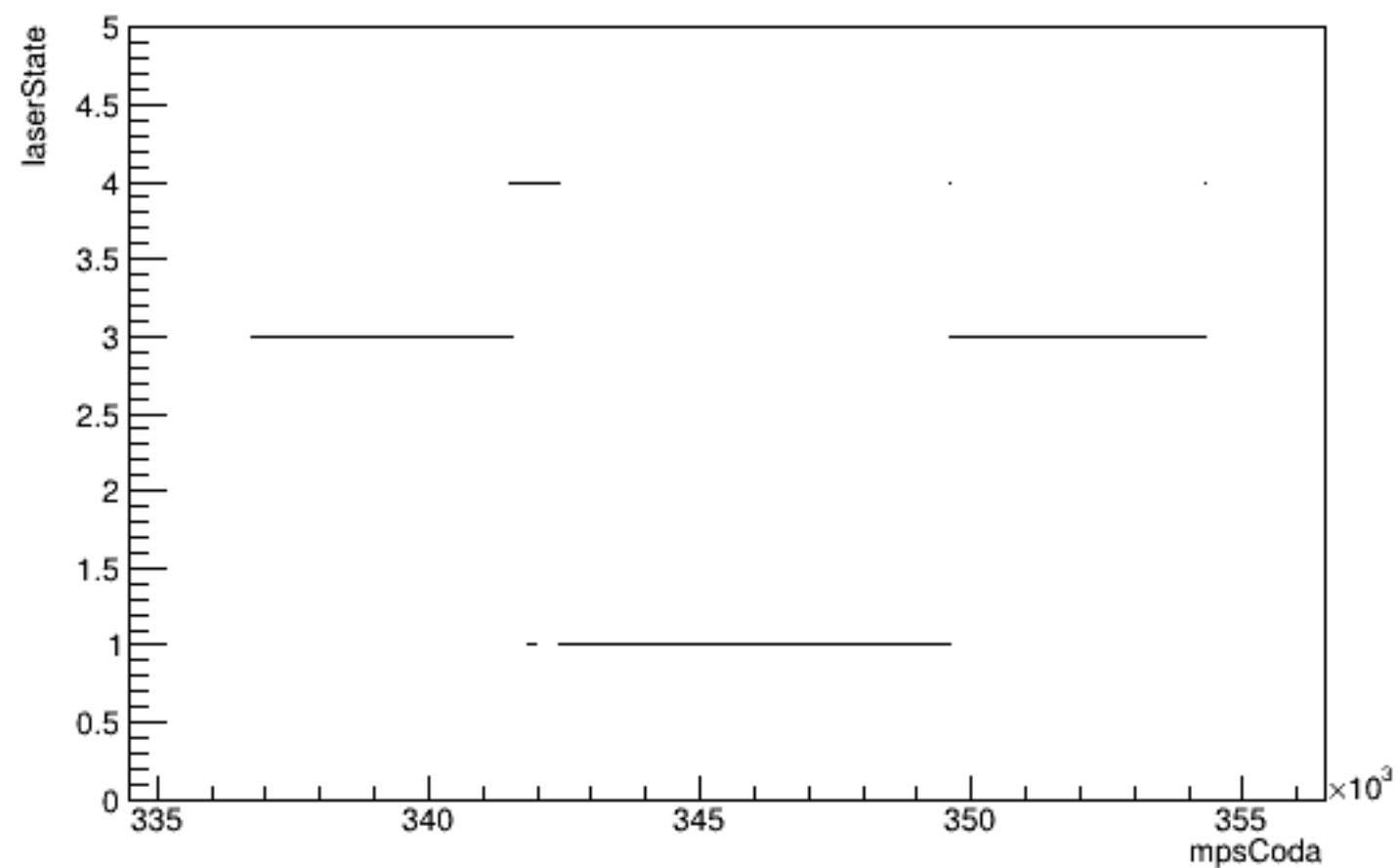
Run 6154 quartetwise, Asyms



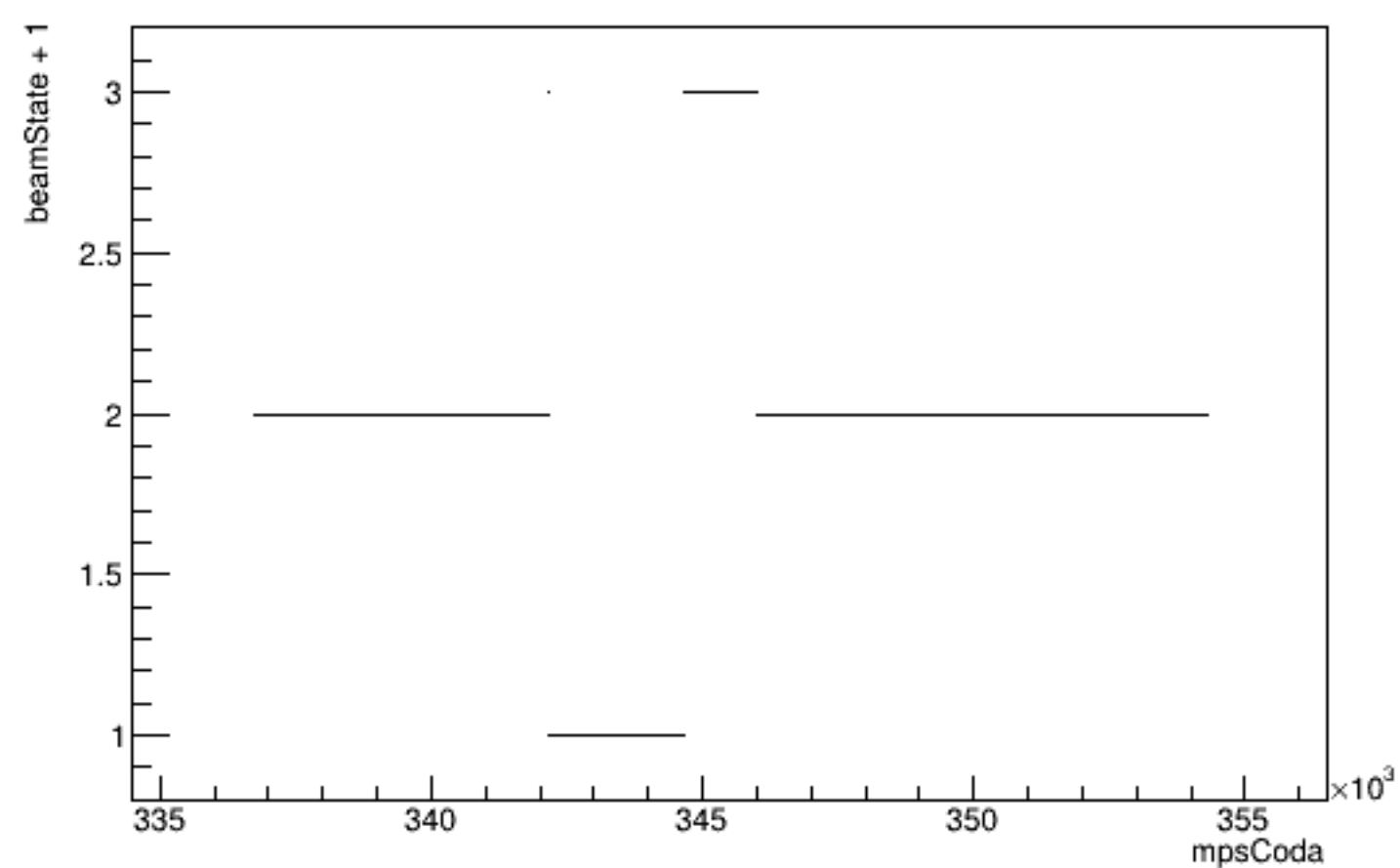
Acc0/NAcc0:mpsCoda (mpsCoda>=336737 && mpsCoda<=354324 && beamState==1)



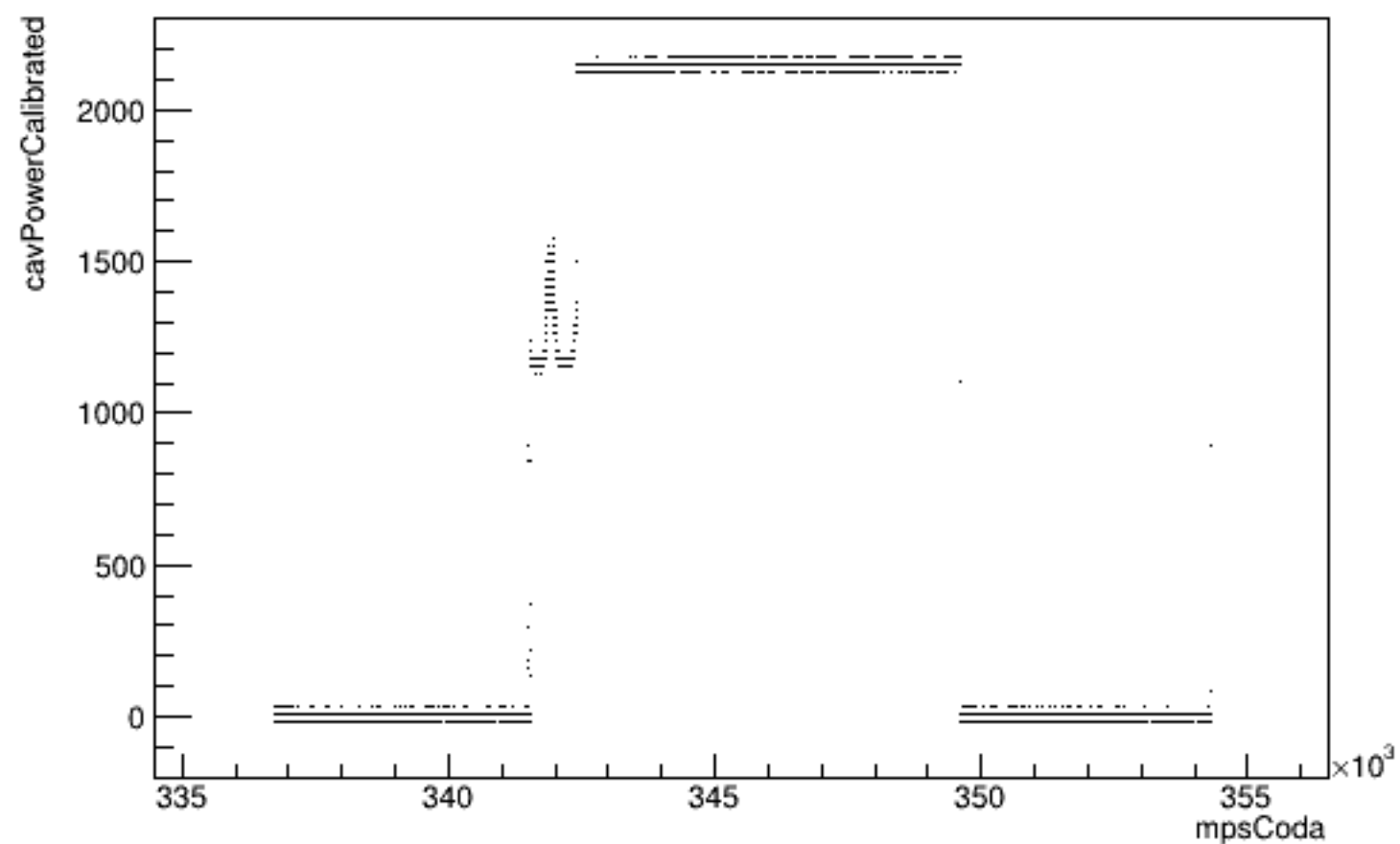
laserState:mpsCoda {mpsCoda>=336737 && mpsCoda<=354324}



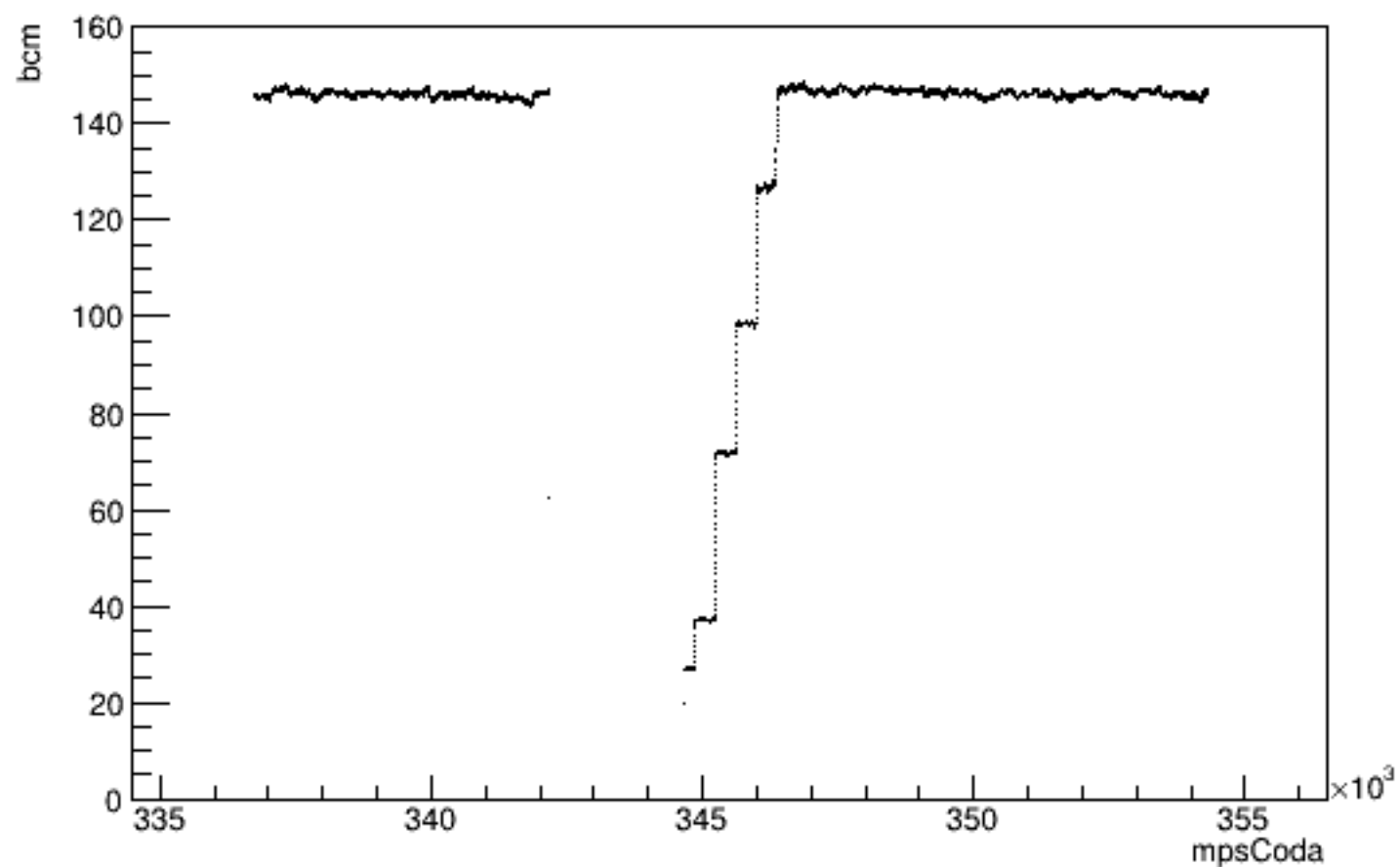
beamState + 1:mpsCoda {mpsCoda>=336737 && mpsCoda<=354324}



cavPowerCalibrated:mpsCoda {mpsCoda>=336737 && mpsCoda<=354324}



bcm:mpsCoda {mpsCoda>=336737 && mpsCoda<=354324}



Cycle 12, Diffs

Entries: 1180

Mean: -0.0234 +/- 0.0097

Std Dev: 0.3328 +/- 0.0069

Entries: 1801

Mean: 0.6058 +/- 0.0108

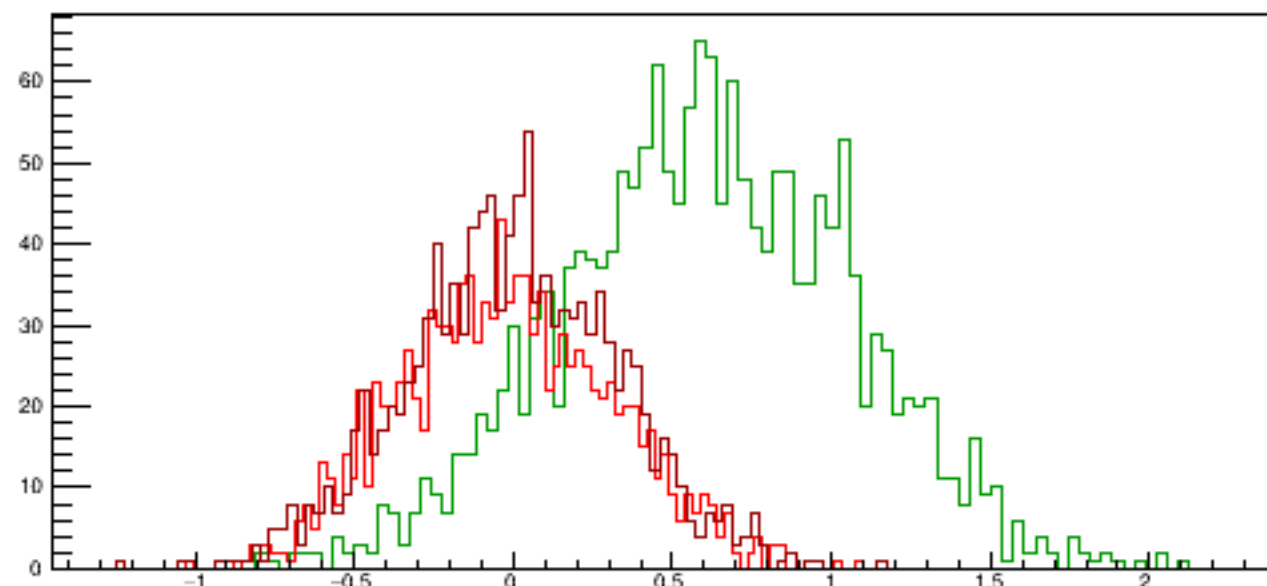
Std Dev: 0.4564 +/- 0.0076

Entries: 1184

Mean: -0.0042 +/- 0.0097

Std Dev: 0.3322 +/- 0.0068

Run 6154 quartetwise, Diffs



Cycle 12, Sums

Entries: 1180

Mean: 5.5066 +/- 0.0107

Std Dev: 0.3671 +/- 0.0076

Entries: 1801

Mean: 24.5121 +/- 0.0114

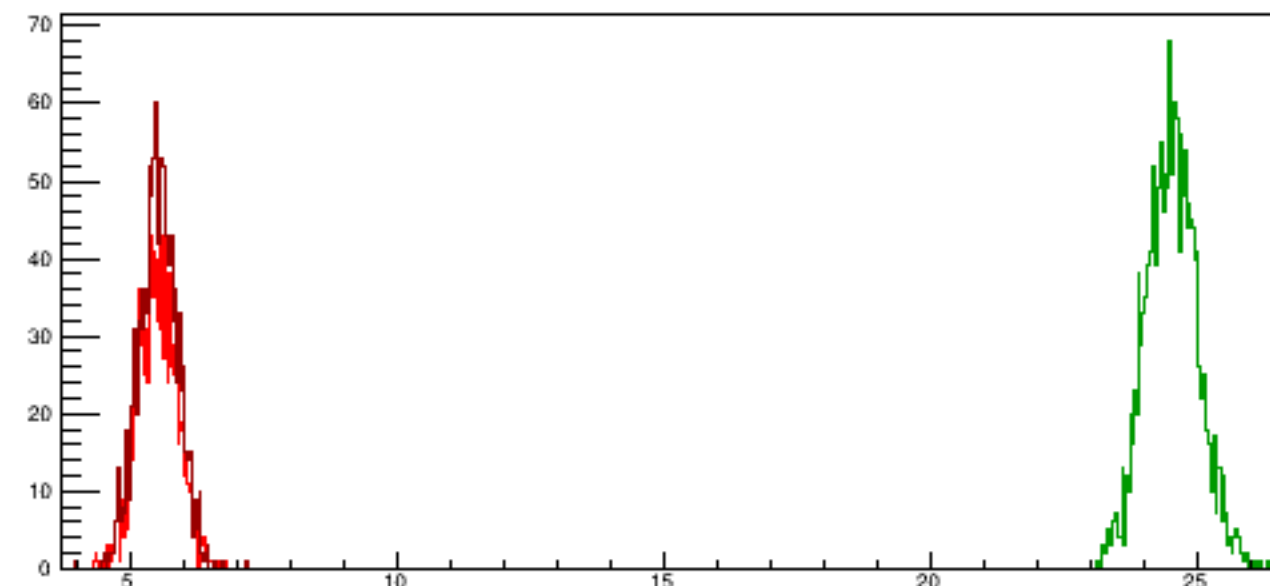
Std Dev: 0.4840 +/- 0.0081

Entries: 1184

Mean: 5.5272 +/- 0.0105

Std Dev: 0.3619 +/- 0.0074

Run 6154 quartetwise, Sums



Cycle 12, Asyms

Entries: 1180

Mean: -0.0012 +/- 0.0005

Std Dev: 0.0175 +/- 0.0004

Entries: 1801

Mean: 0.0319 +/- 0.0006

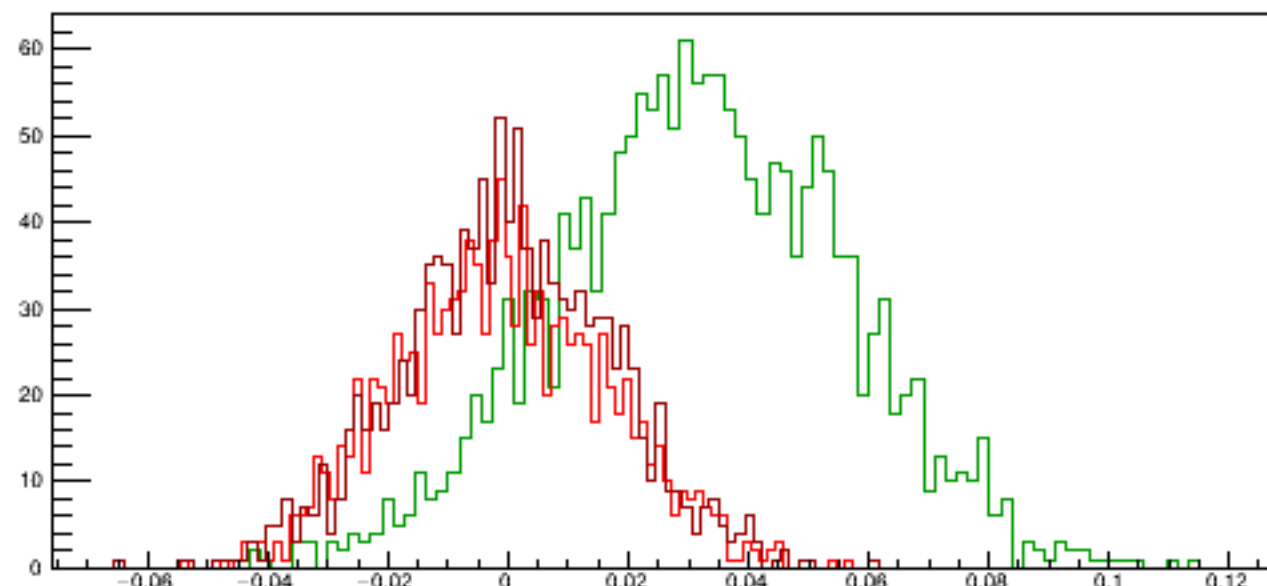
Std Dev: 0.0240 +/- 0.0004

Entries: 1184

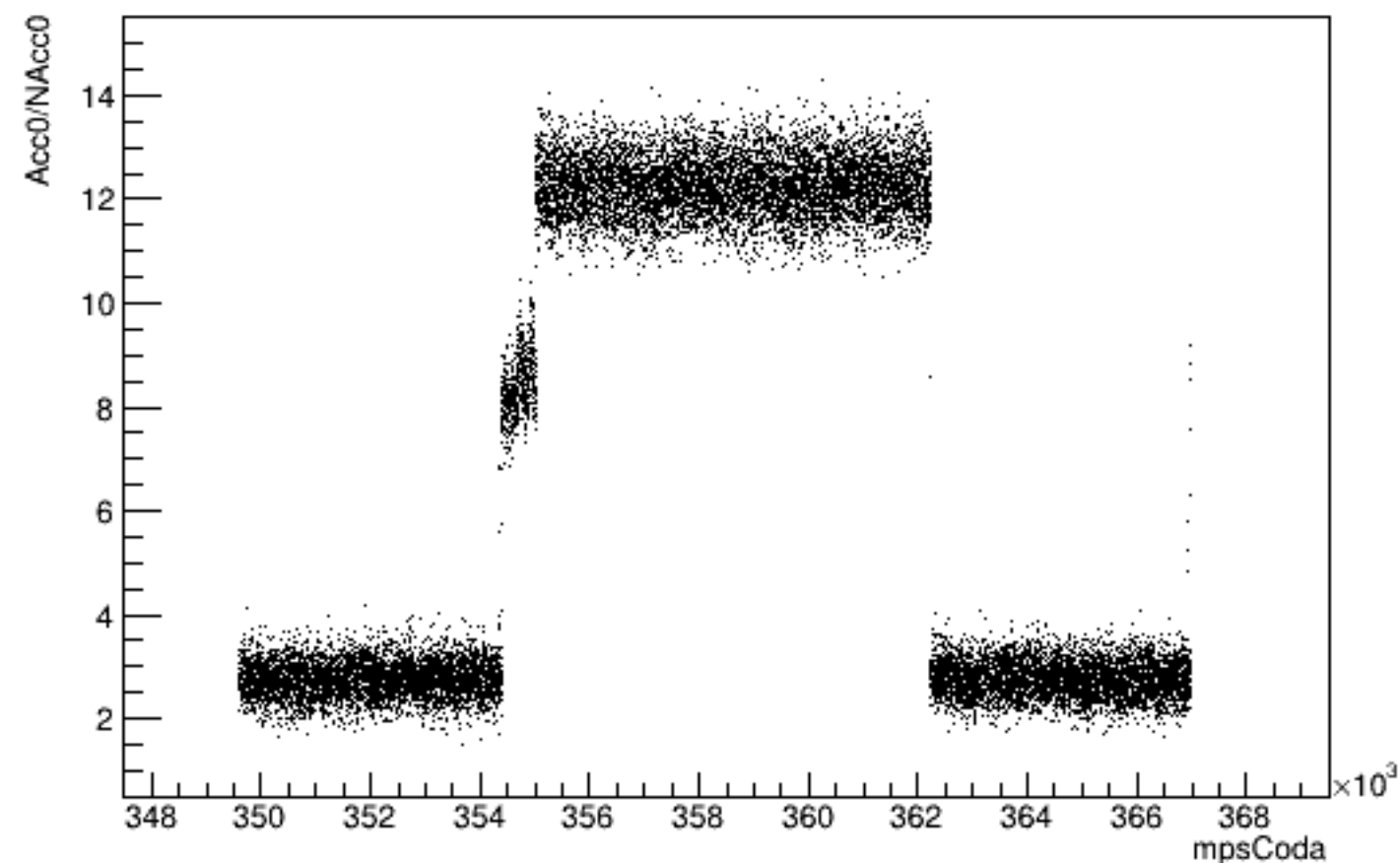
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0175 +/- 0.0004

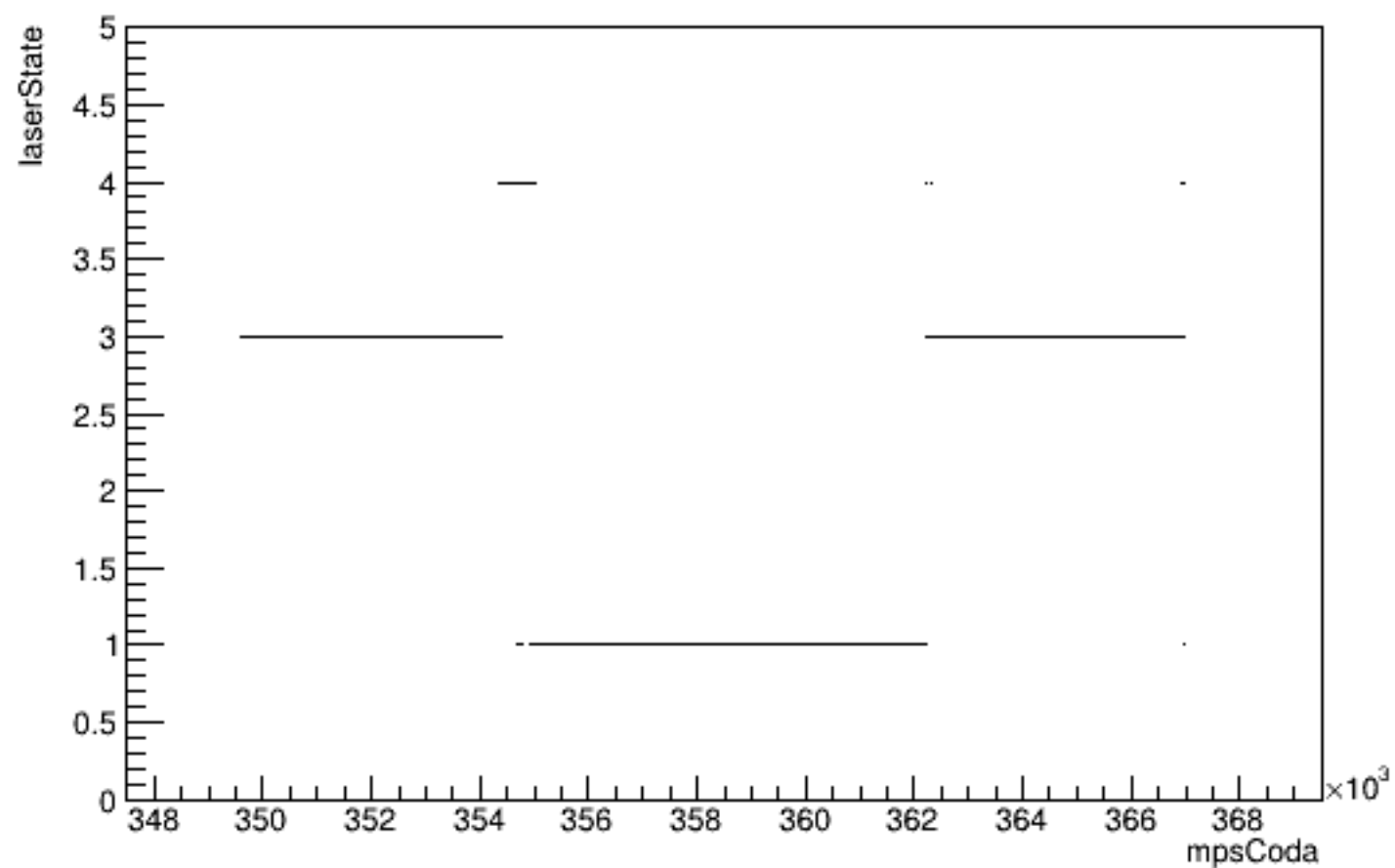
Run 6154 quartetwise, Asyms



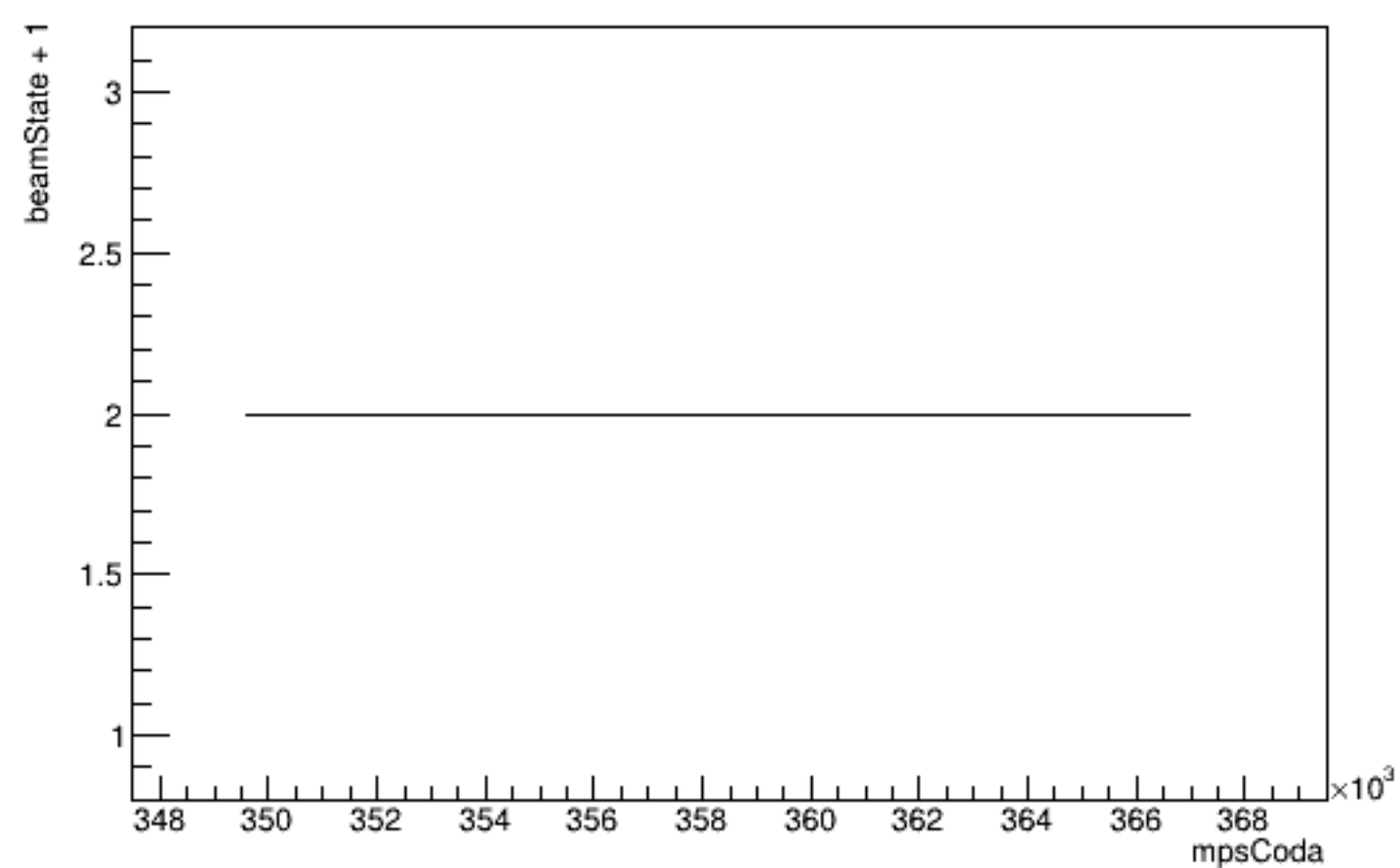
Acc0/NAcc0:mpsCoda (mpsCoda>=349601 && mpsCoda<=366980 && beamState==1)



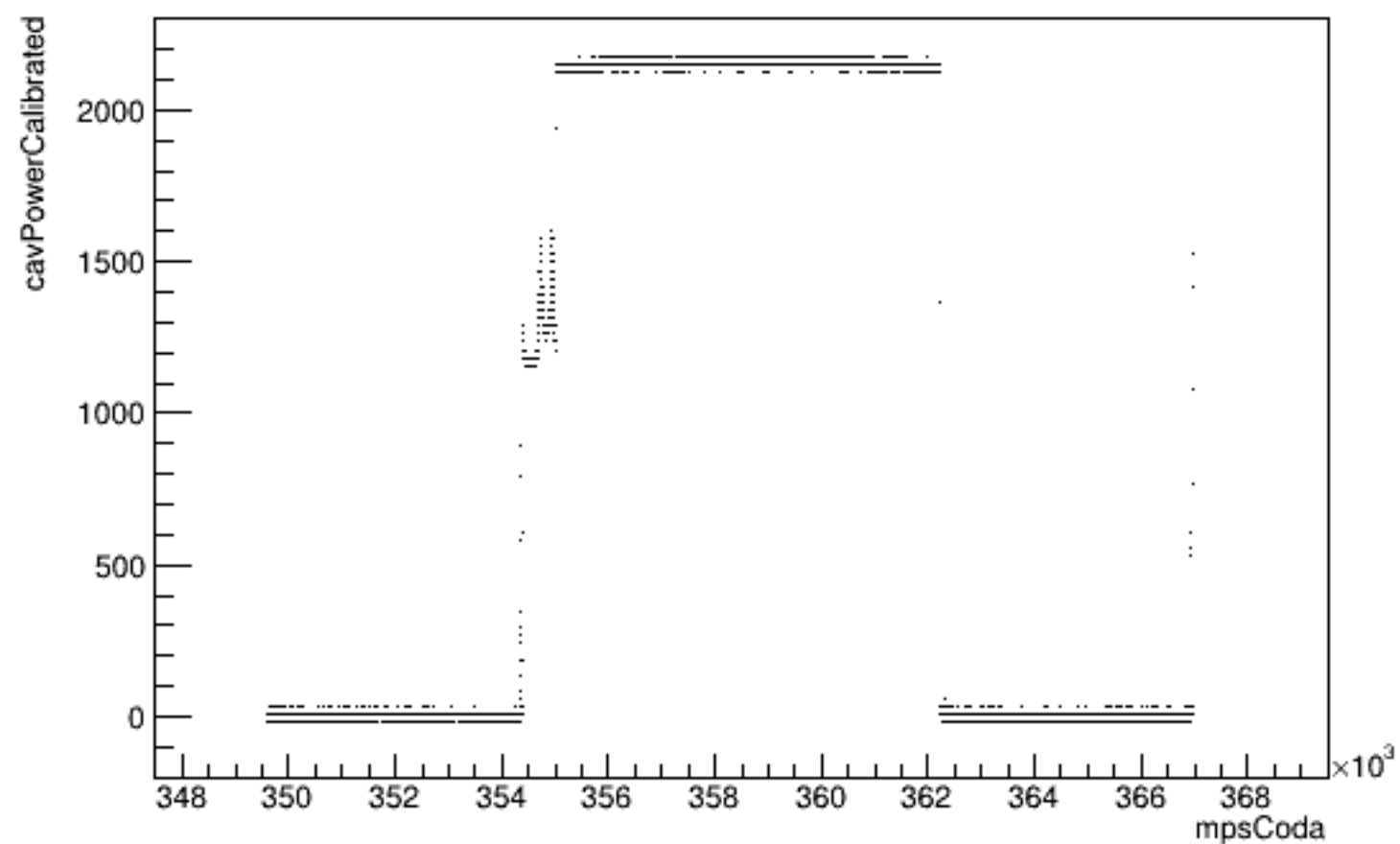
laserState:mpsCoda {mpsCoda>=349601 && mpsCoda<=366980}



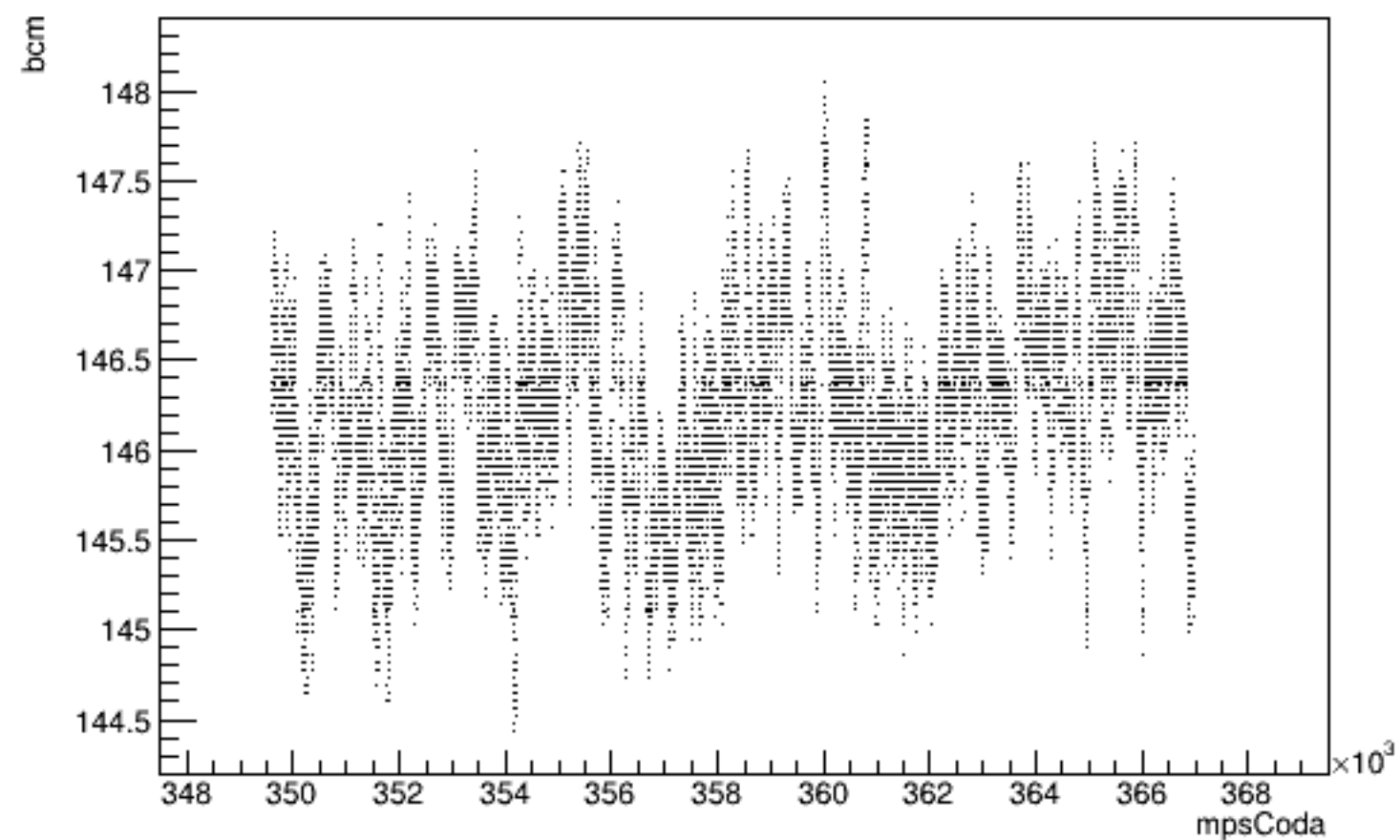
beamState + 1:mpsCoda {mpsCoda>=349601 && mpsCoda<=366980}



cavPowerCalibrated:mpsCoda {mpsCoda>=349601 && mpsCoda<=366980}



bcm:mpsCoda {mpsCoda>=349601 && mpsCoda<=366980}



Cycle 13, Diffs

Entries: 1184

Mean: -0.0042 +/- 0.0097

Std Dev: 0.3322 +/- 0.0068

Entries: 1801

Mean: 0.5718 +/- 0.0107

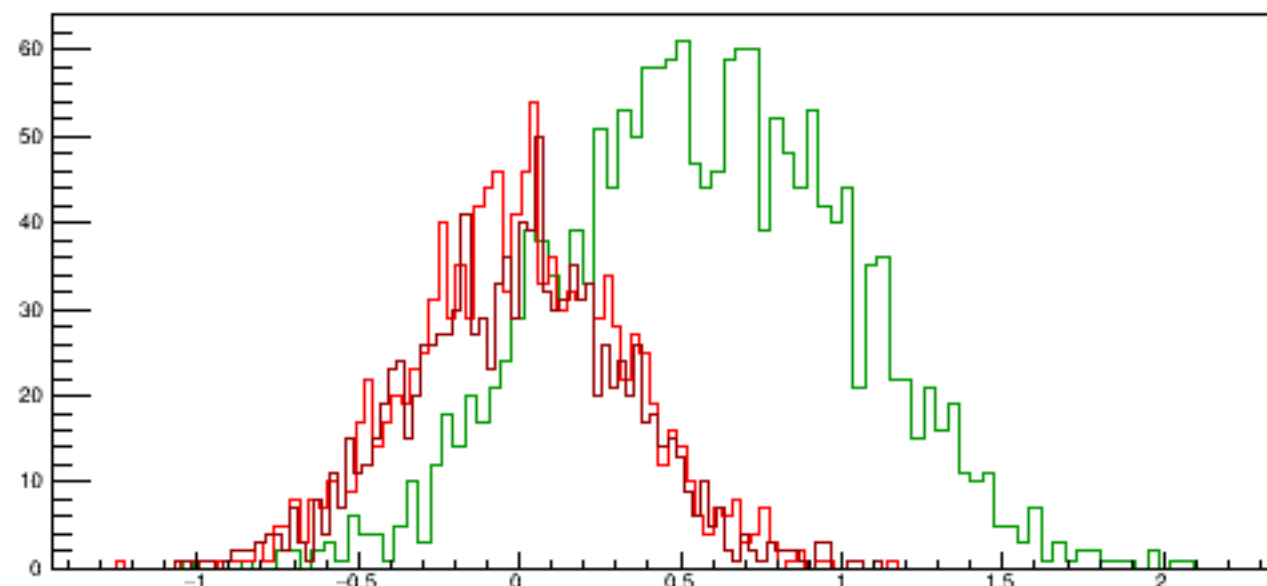
Std Dev: 0.4558 +/- 0.0076

Entries: 1174

Mean: -0.0047 +/- 0.0099

Std Dev: 0.3398 +/- 0.0070

Run 6154 quartetwise, Diffs



Cycle 13, Sums

Entries: 1184

Mean: 5.5272 +/- 0.0105

Std Dev: 0.3619 +/- 0.0074

Entries: 1801

Mean: 24.4044 +/- 0.0120

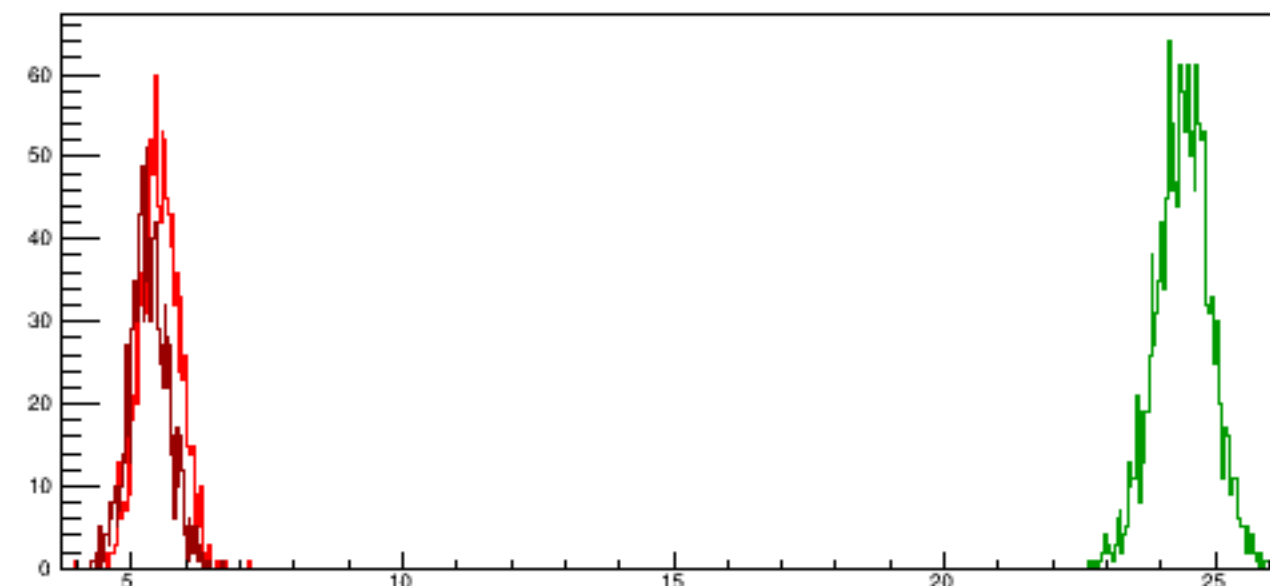
Std Dev: 0.5103 +/- 0.0085

Entries: 1174

Mean: 5.3342 +/- 0.0105

Std Dev: 0.3598 +/- 0.0074

Run 6154 quartetwise, Sums



Cycle 13, Asyms

Entries: 1184

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0175 +/- 0.0004

Entries: 1801

Mean: 0.0302 +/- 0.0006

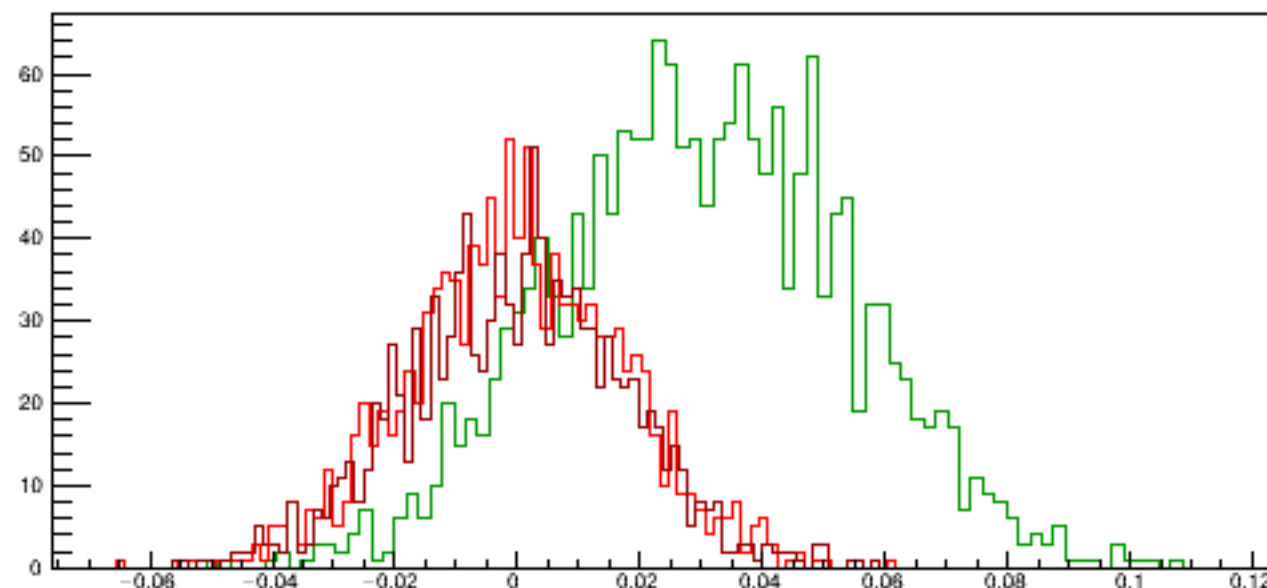
Std Dev: 0.0240 +/- 0.0004

Entries: 1174

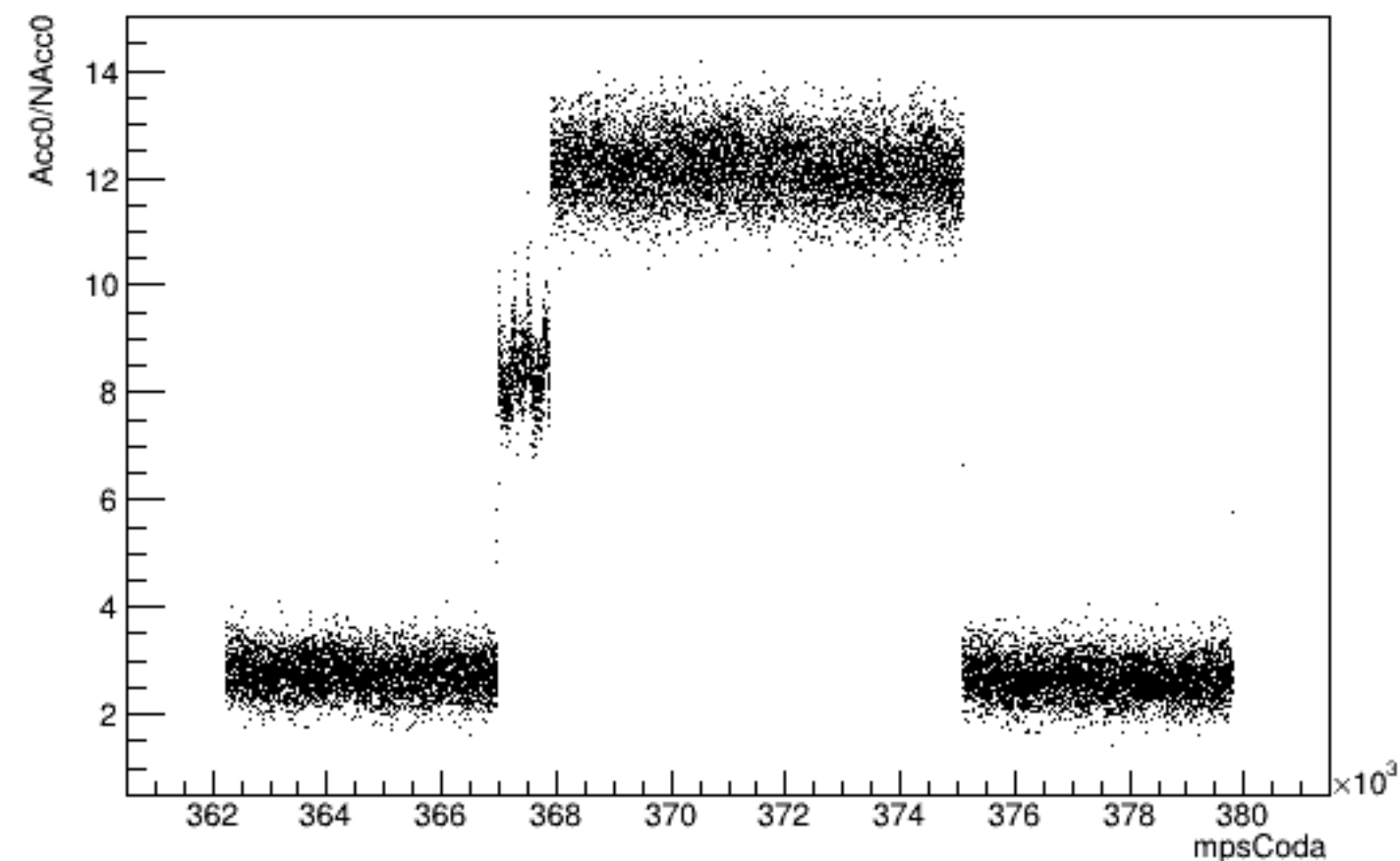
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0179 +/- 0.0004

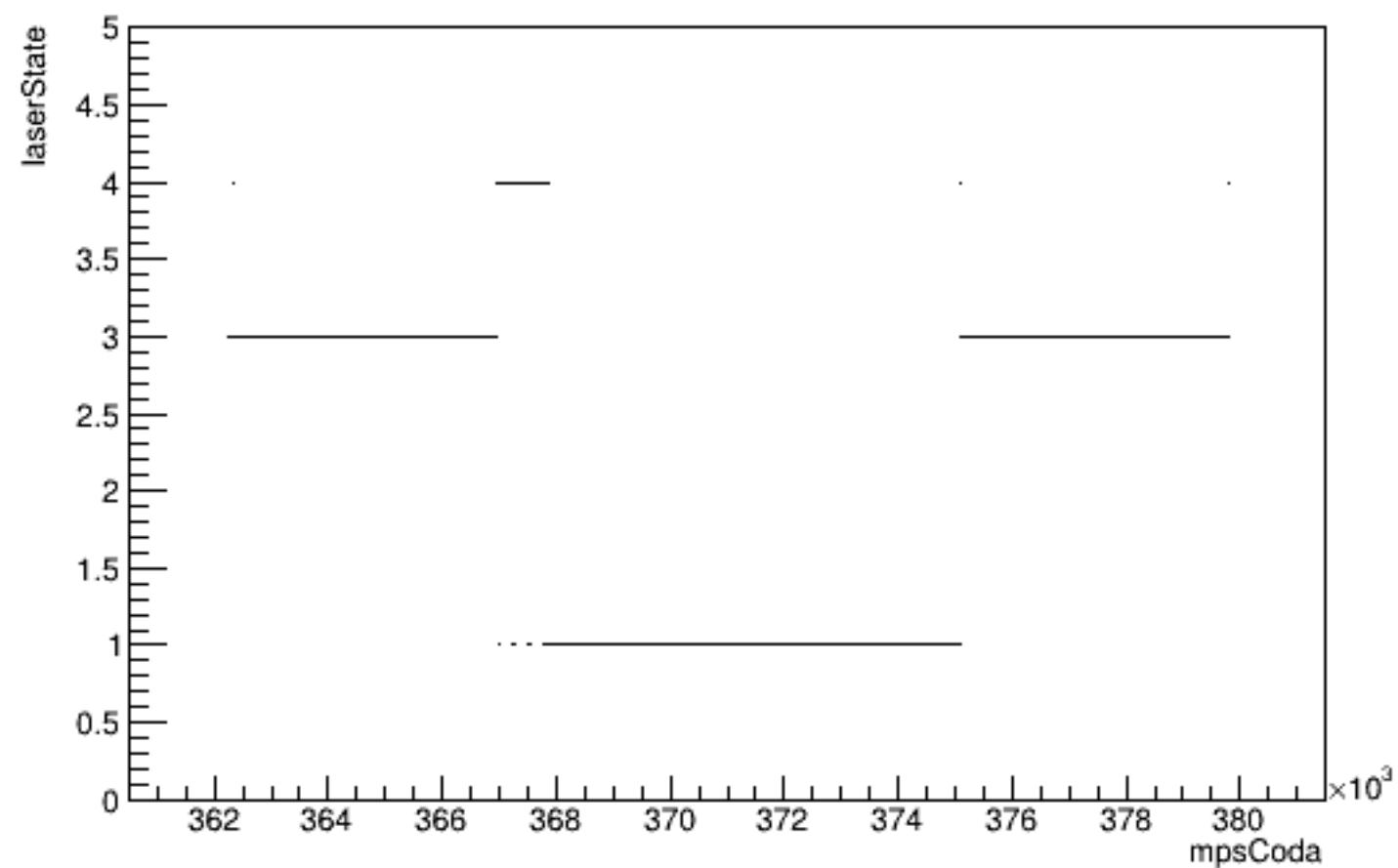
Run 6154 quartetwise, Asyms



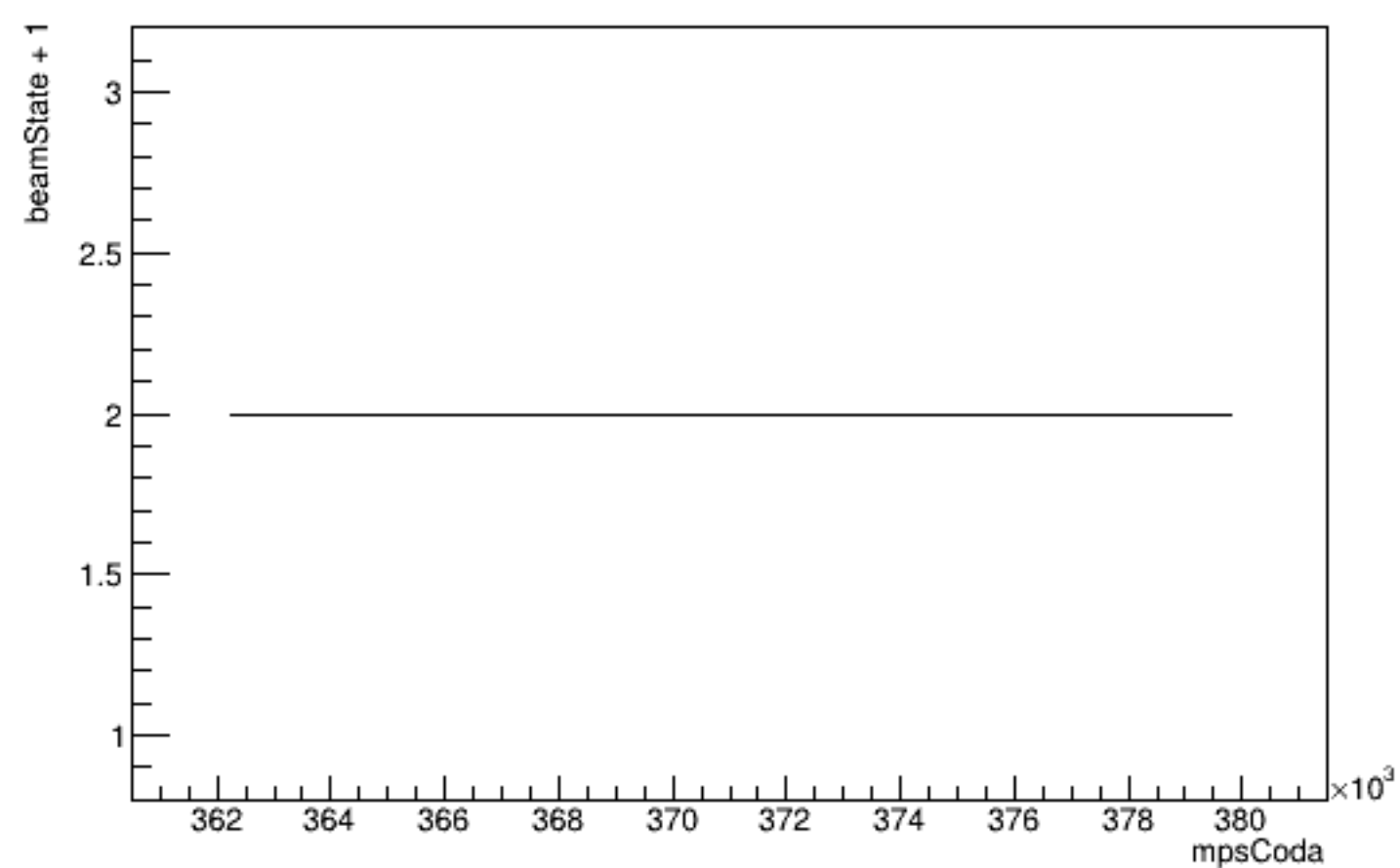
Acc0/NAcc0:mpsCoda (mpsCoda>=362229 && mpsCoda<=379796 && beamState==1)



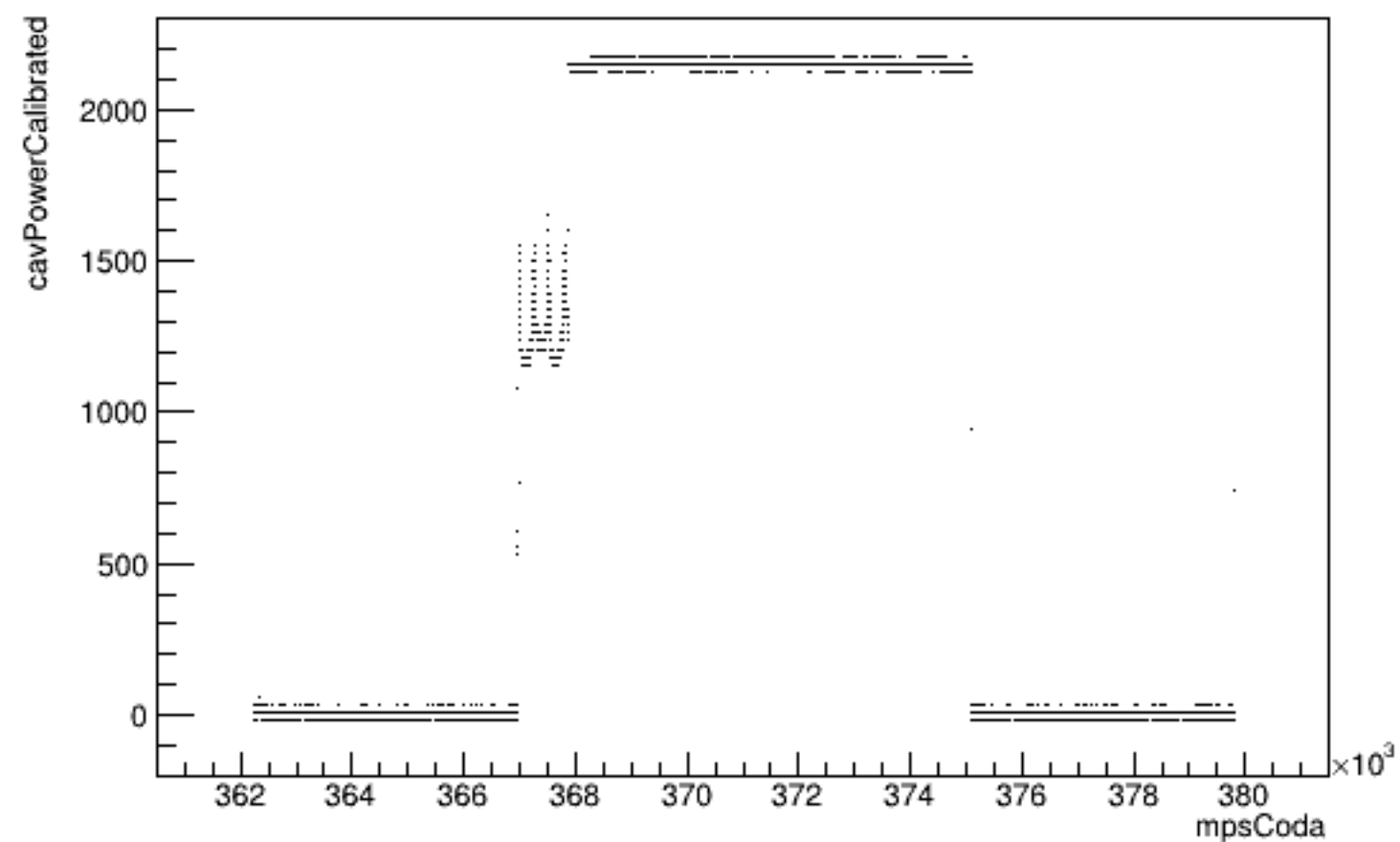
laserState:mpsCoda {mpsCoda>=362229 && mpsCoda<=379796}



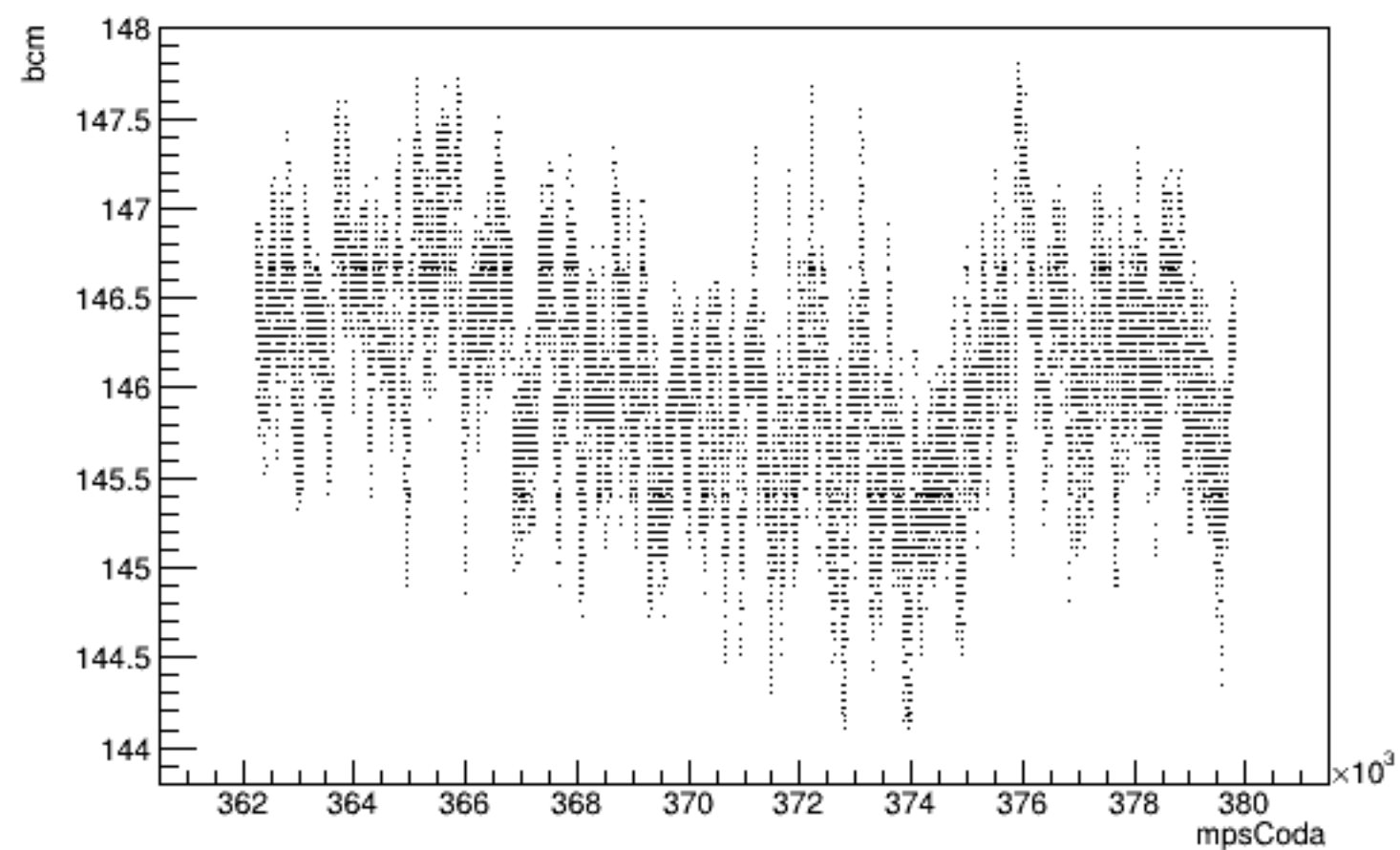
beamState + 1:mpsCoda {mpsCoda>=362229 && mpsCoda<=379796}



cavPowerCalibrated:mpsCoda {mpsCoda>=362229 && mpsCoda<=379796}



bcm:mpsCoda {mpsCoda>=362229 && mpsCoda<=379796}



Cycle 14, Diffs

Entries: 1174

Mean: -0.0047 +/- 0.0099

Std Dev: 0.3398 +/- 0.0070

Entries: 1803

Mean: 0.6072 +/- 0.0109

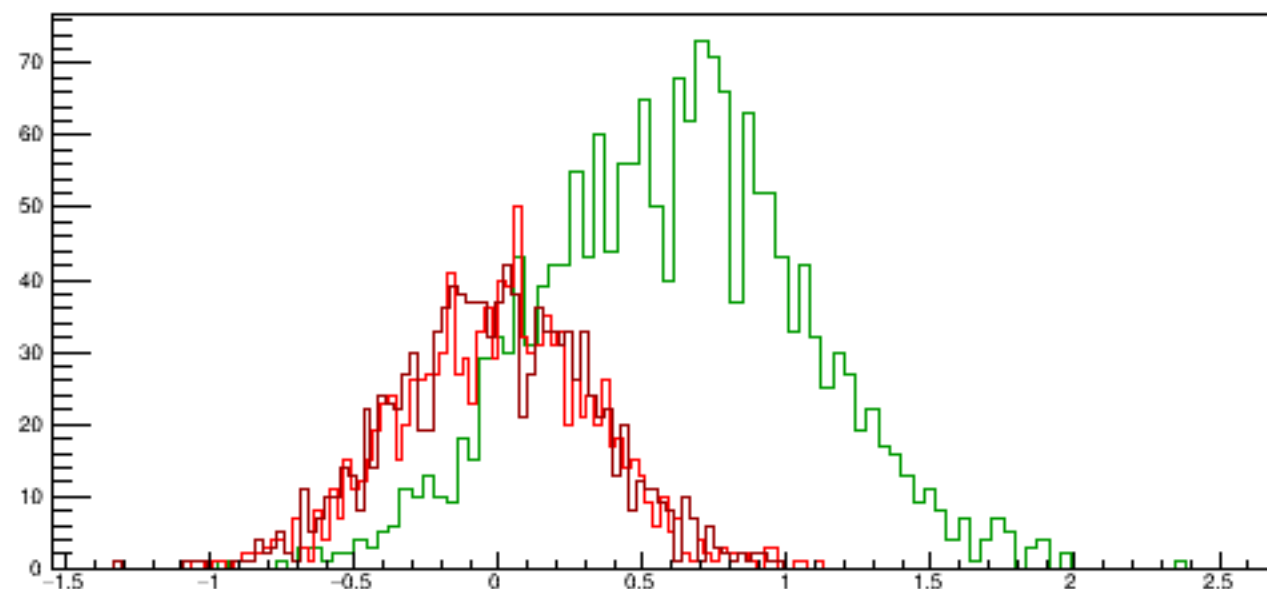
Std Dev: 0.4611 +/- 0.0077

Entries: 1180

Mean: -0.0113 +/- 0.0100

Std Dev: 0.3421 +/- 0.0070

Run 6154 quartetwise, Diffs



Cycle 14, Sums

Entries: 1174

Mean: 5.3342 +/- 0.0105

Std Dev: 0.3598 +/- 0.0074

Entries: 1803

Mean: 24.3250 +/- 0.0119

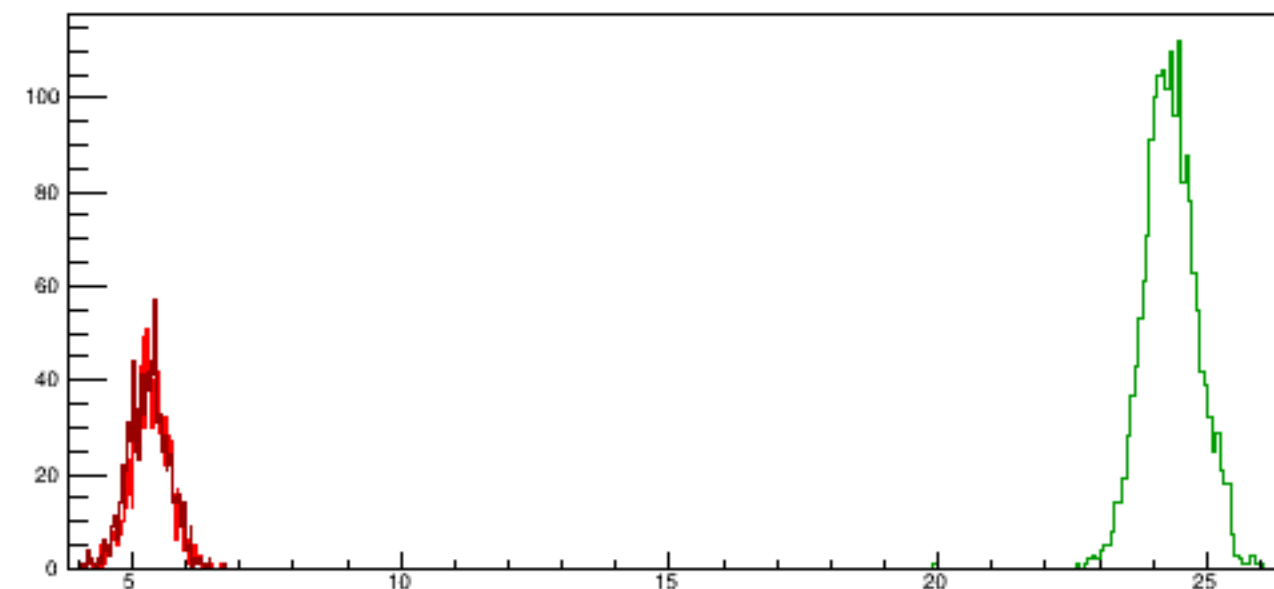
Std Dev: 0.5066 +/- 0.0084

Entries: 1180

Mean: 5.2944 +/- 0.0109

Std Dev: 0.3728 +/- 0.0077

Run 6154 quartetwise, Sums



Cycle 14, Asyms

Entries: 1174

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0179 +/- 0.0004

Entries: 1803

Mean: 0.0320 +/- 0.0006

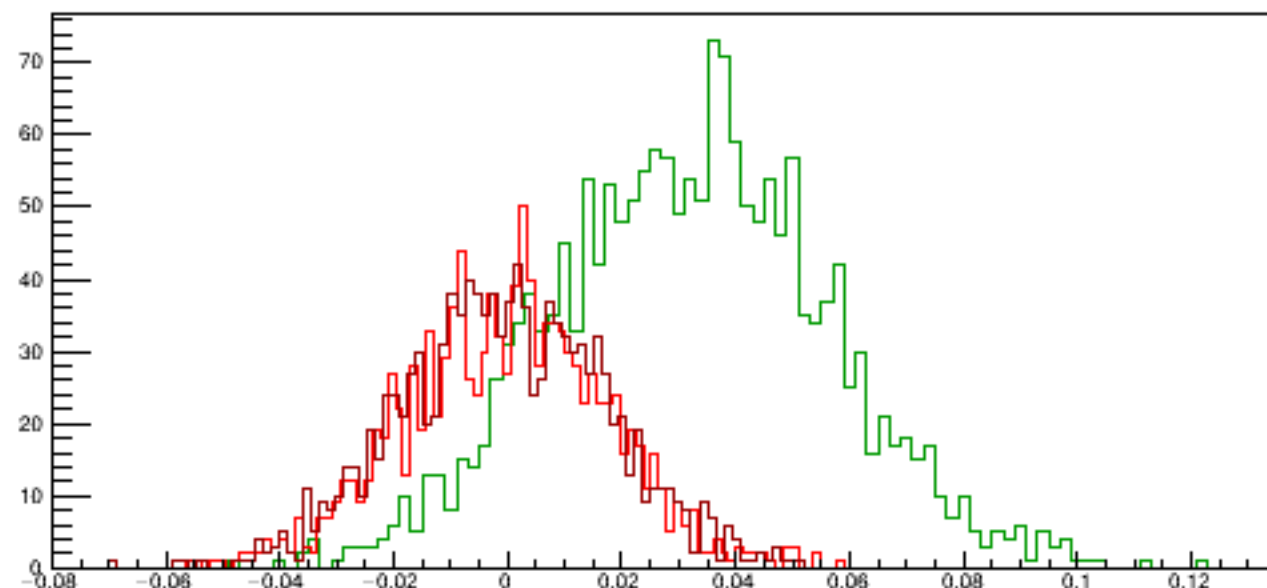
Std Dev: 0.0243 +/- 0.0004

Entries: 1180

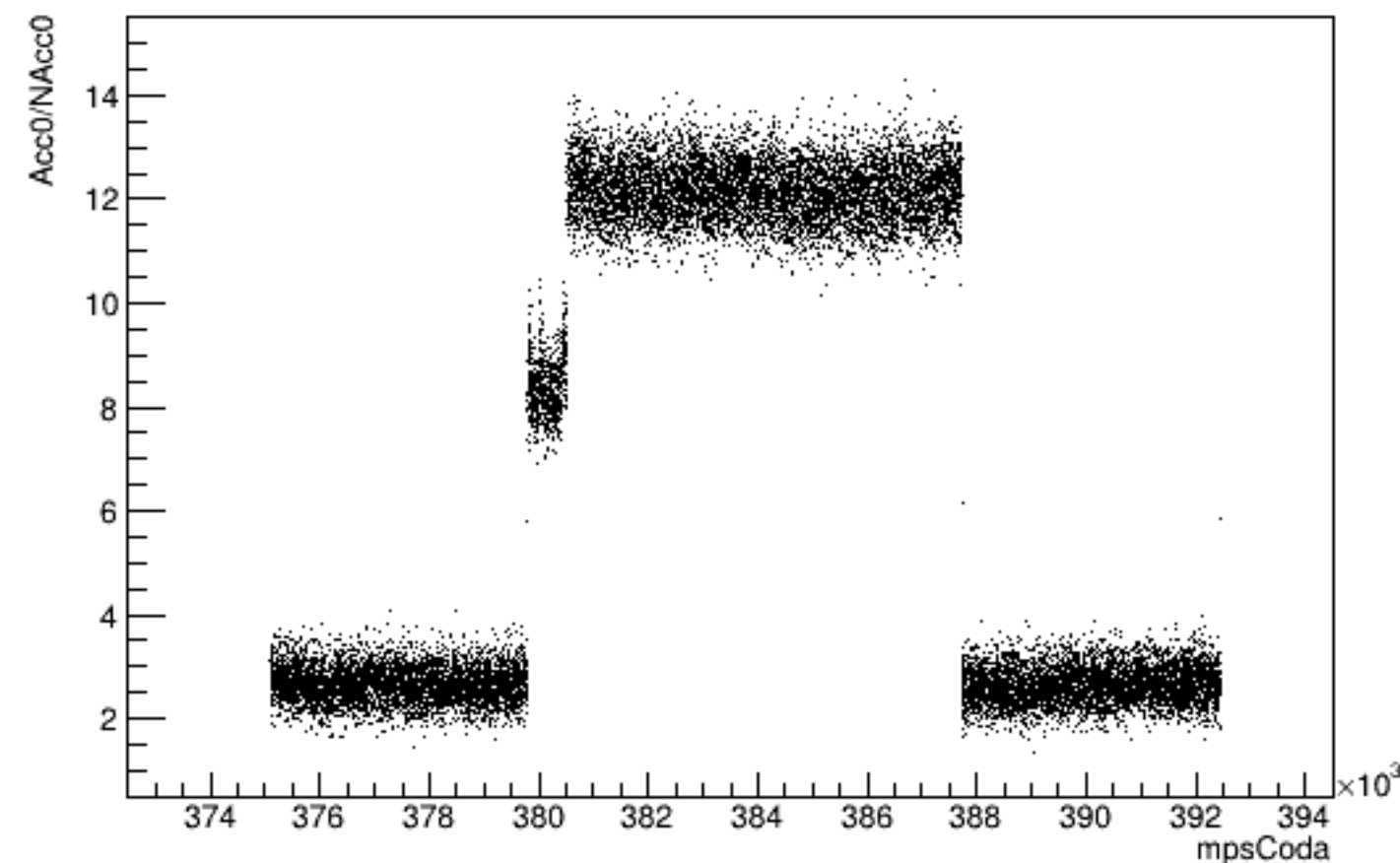
Mean: -0.0006 +/- 0.0005

Std Dev: 0.0180 +/- 0.0004

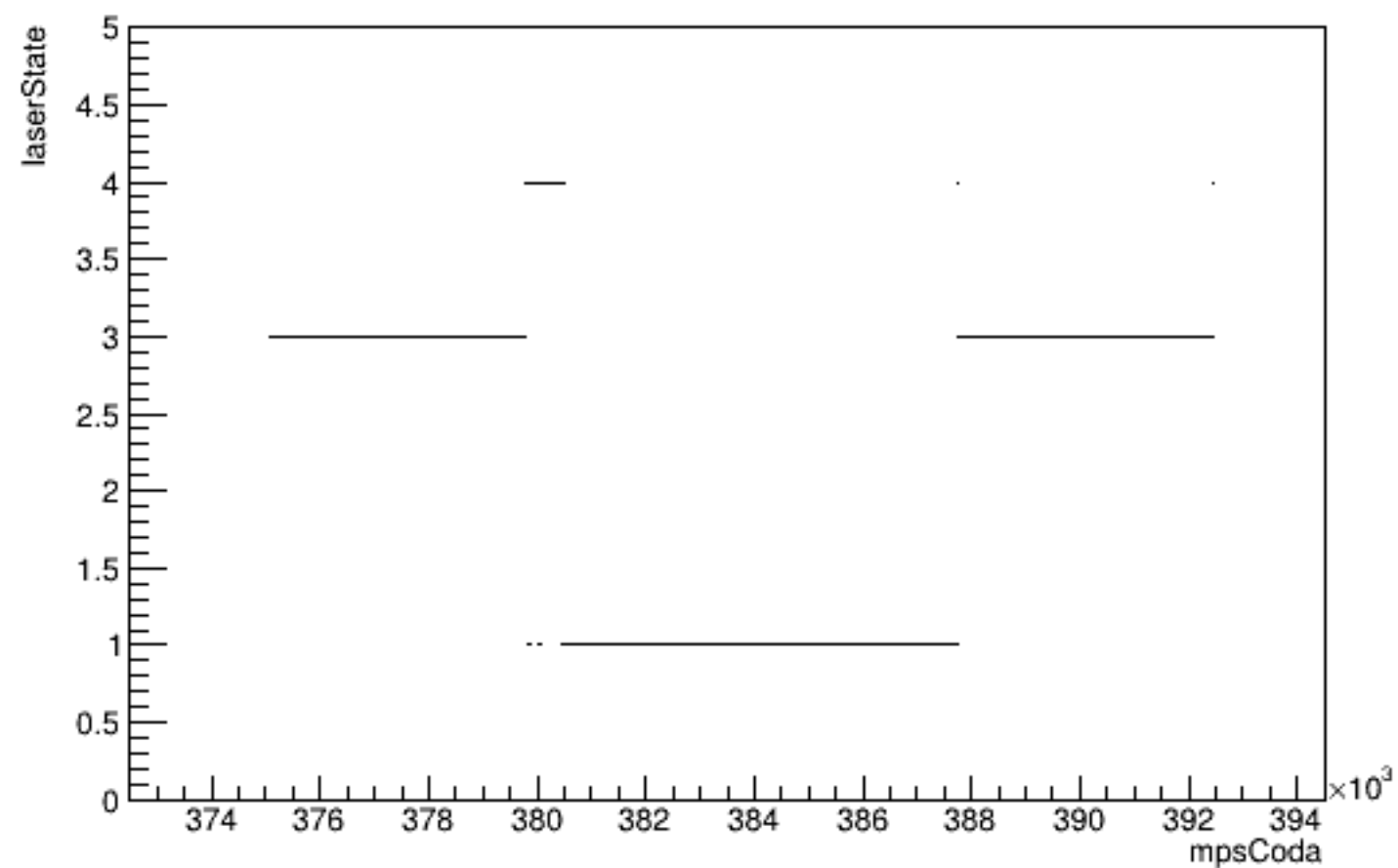
Run 6154 quartetwise, Asyms



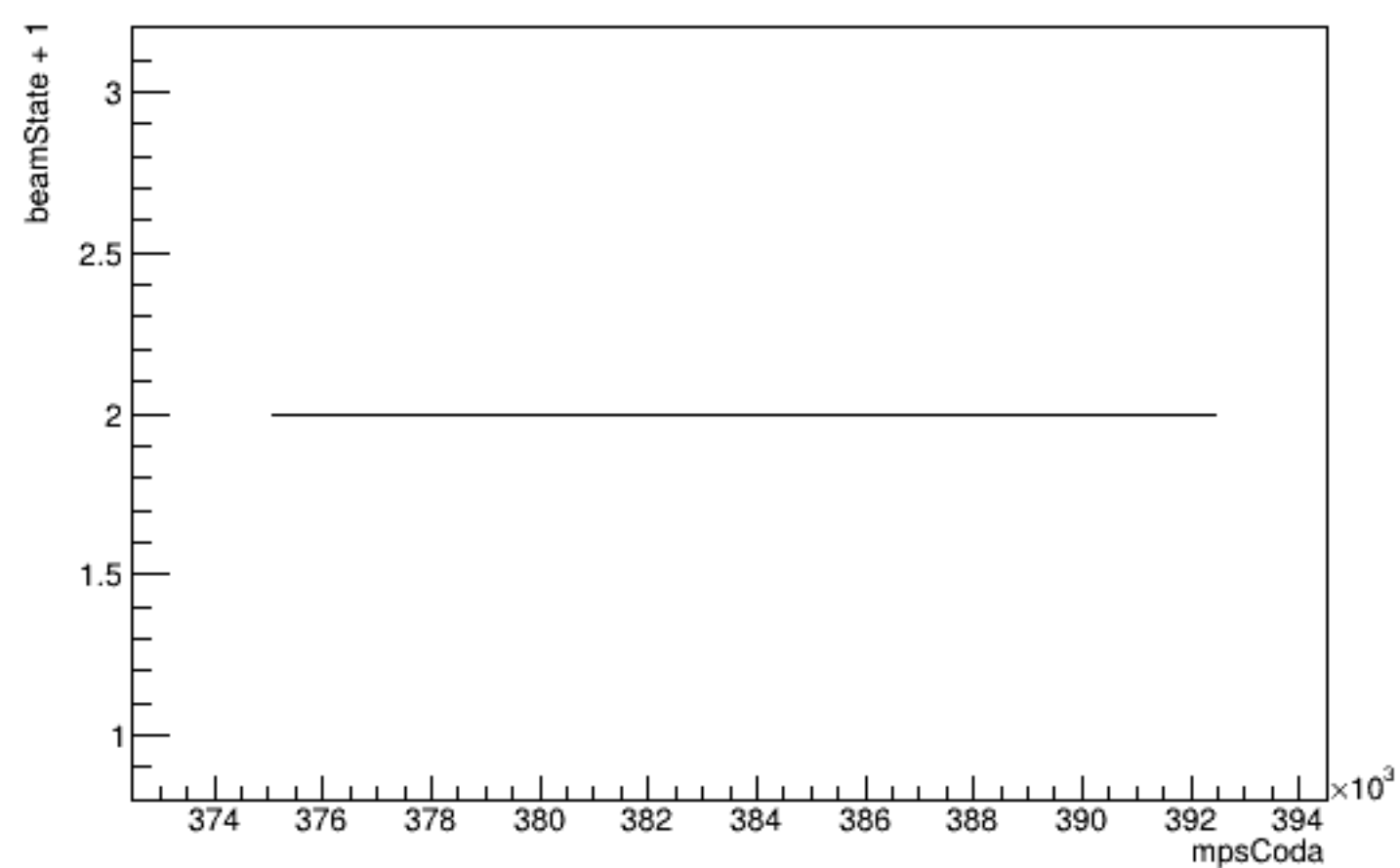
Acc0/NAcc0:mpsCoda (mpsCoda>=375097 && mpsCoda<=392452 && beamState==1)



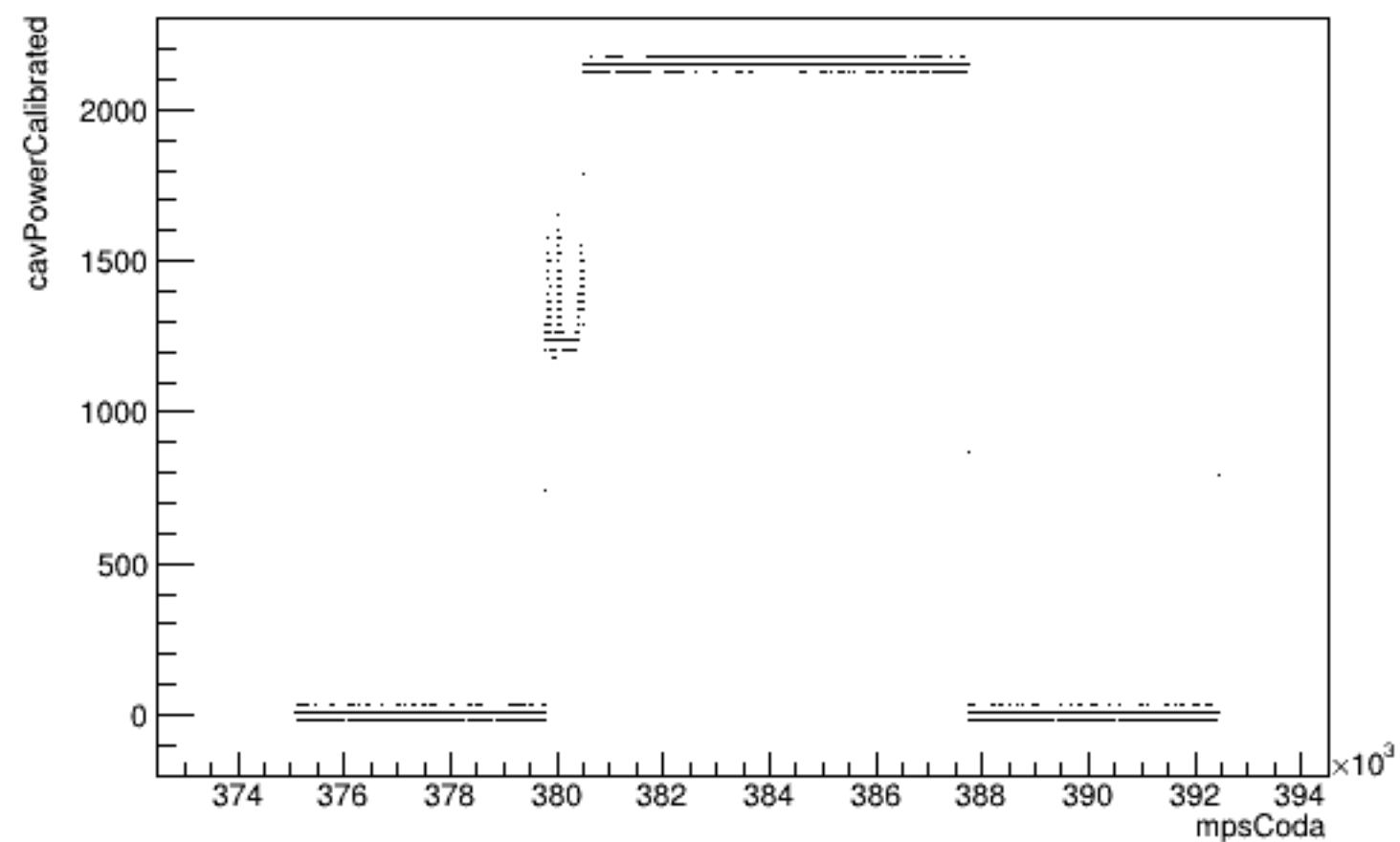
laserState:mpsCoda {mpsCoda>=375097 && mpsCoda<=392452}



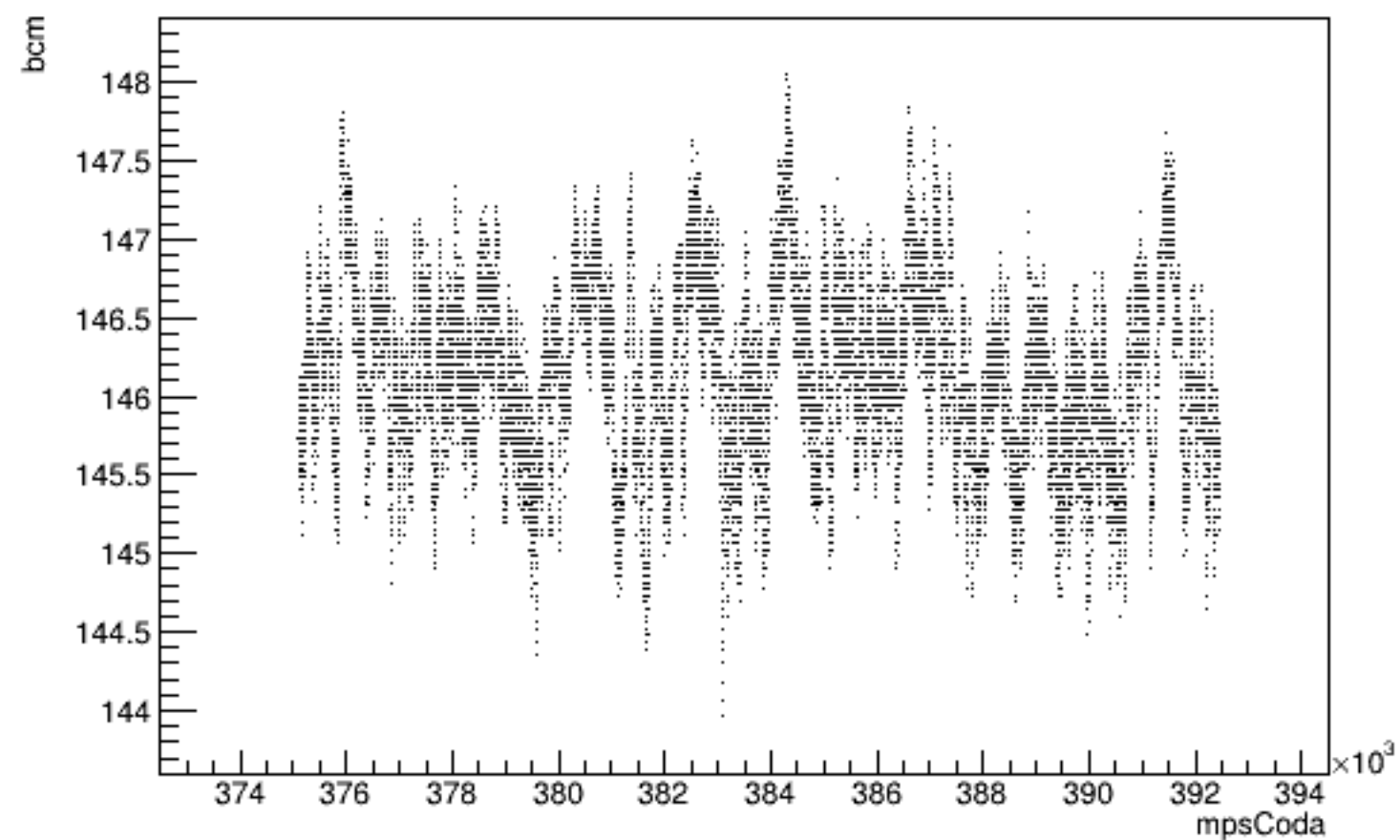
beamState + 1:mpsCoda {mpsCoda>=375097 && mpsCoda<=392452}



cavPowerCalibrated:mpsCoda {mpsCoda>=375097 && mpsCoda<=392452}



bcm:mpsCoda {mpsCoda>=375097 && mpsCoda<=392452}



Cycle 15, Diffs

Entries: 1774

Mean: 0.0012 +/- 0.0082

Std Dev: 0.3464 +/- 0.0058

Entries: 1813

Mean: 0.5883 +/- 0.0108

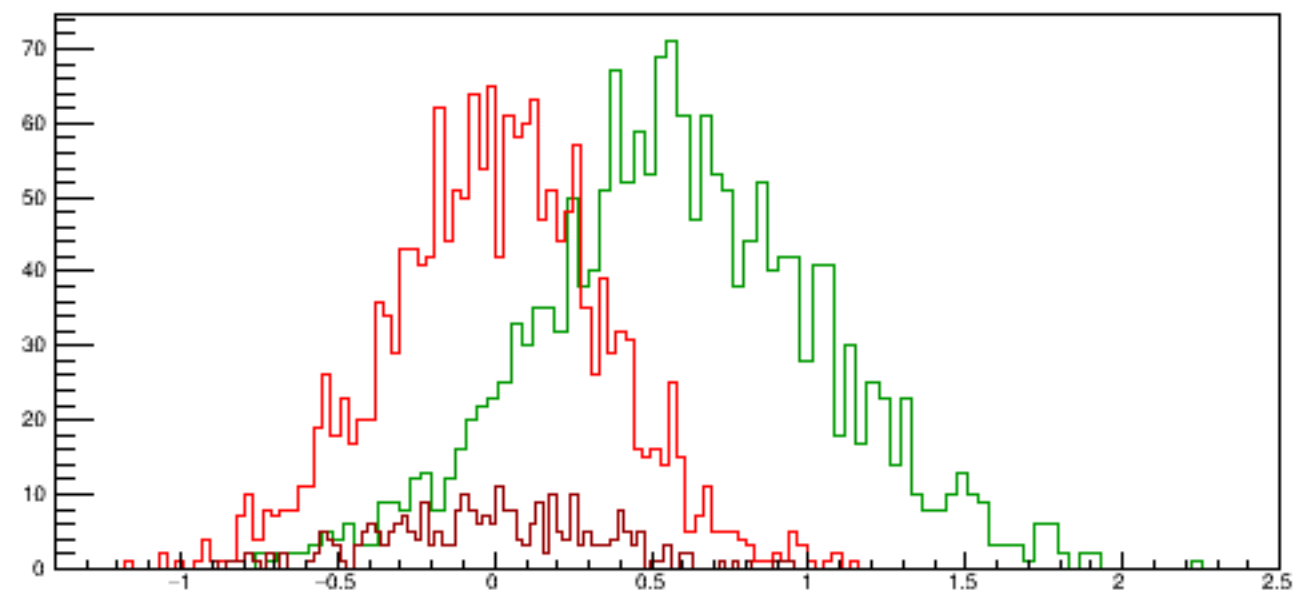
Std Dev: 0.4586 +/- 0.0076

Entries: 281

Mean: -0.0165 +/- 0.0204

Std Dev: 0.3423 +/- 0.0144

Run 6154 quartetwise, Diffs



Cycle 15, Sums

Entries: 1774

Mean: 5.2778 +/- 0.0093

Std Dev: 0.3907 +/- 0.0066

Entries: 1813

Mean: 24.4895 +/- 0.0159

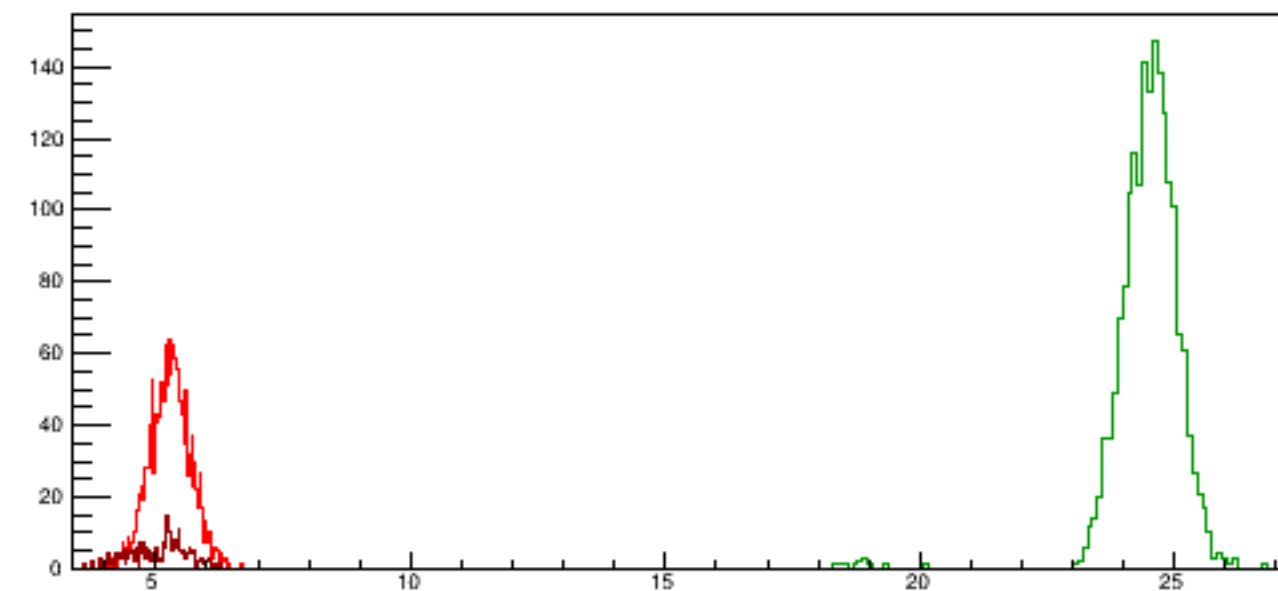
Std Dev: 0.6791 +/- 0.0113

Entries: 281

Mean: 5.0282 +/- 0.0328

Std Dev: 0.5496 +/- 0.0232

Run 6154 quartetwise, Sums



Cycle 15, Asyms

Entries: 1774

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0179 +/- 0.0003

Entries: 1813

Mean: 0.0304 +/- 0.0006

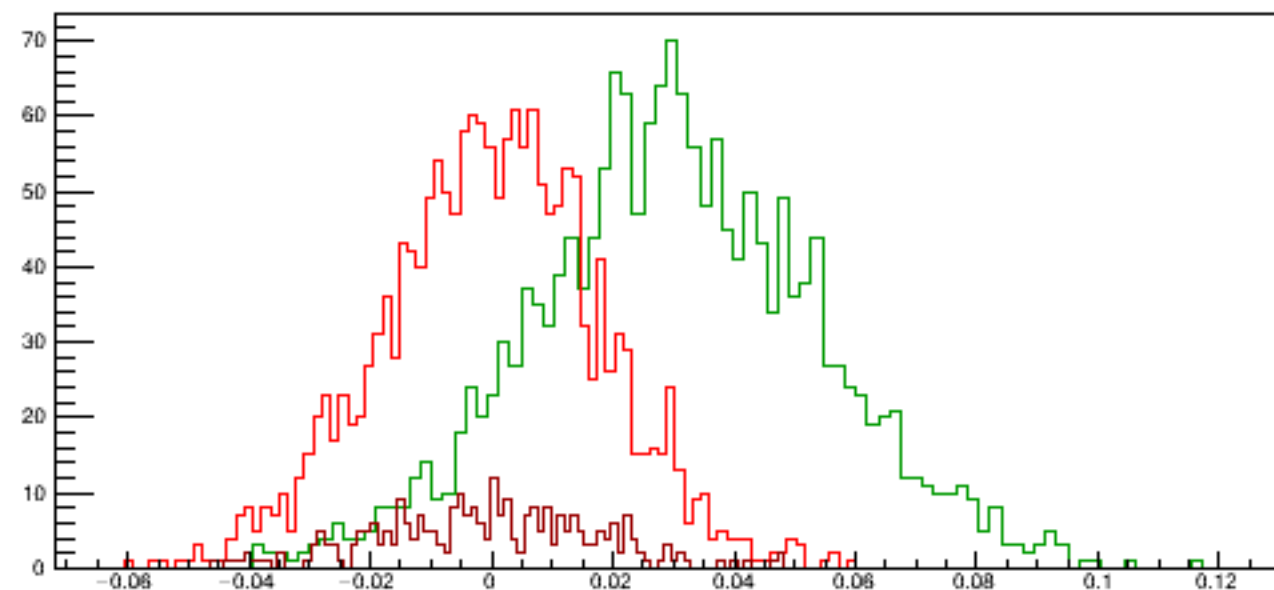
Std Dev: 0.0237 +/- 0.0004

Entries: 281

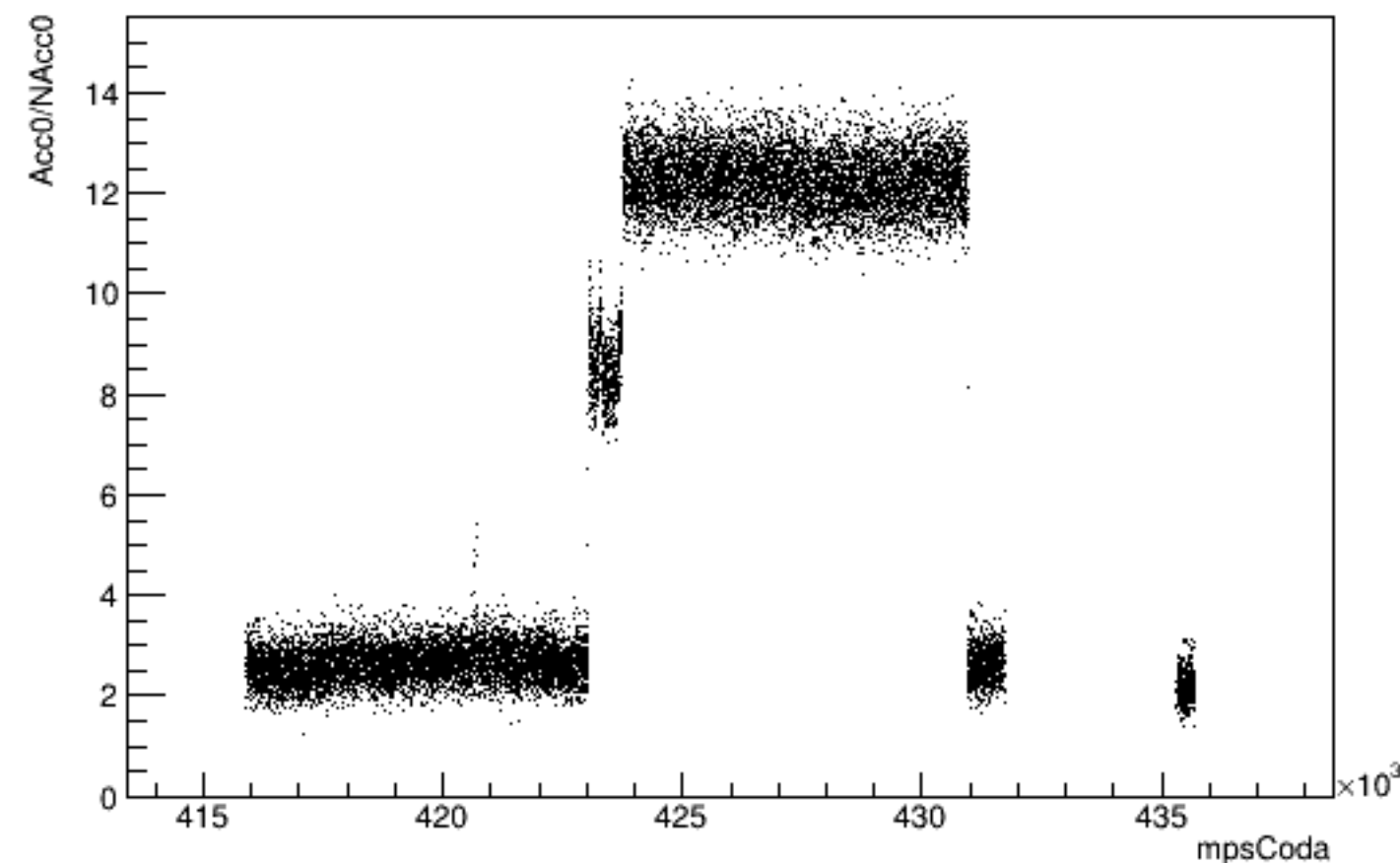
Mean: -0.0009 +/- 0.0011

Std Dev: 0.0177 +/- 0.0007

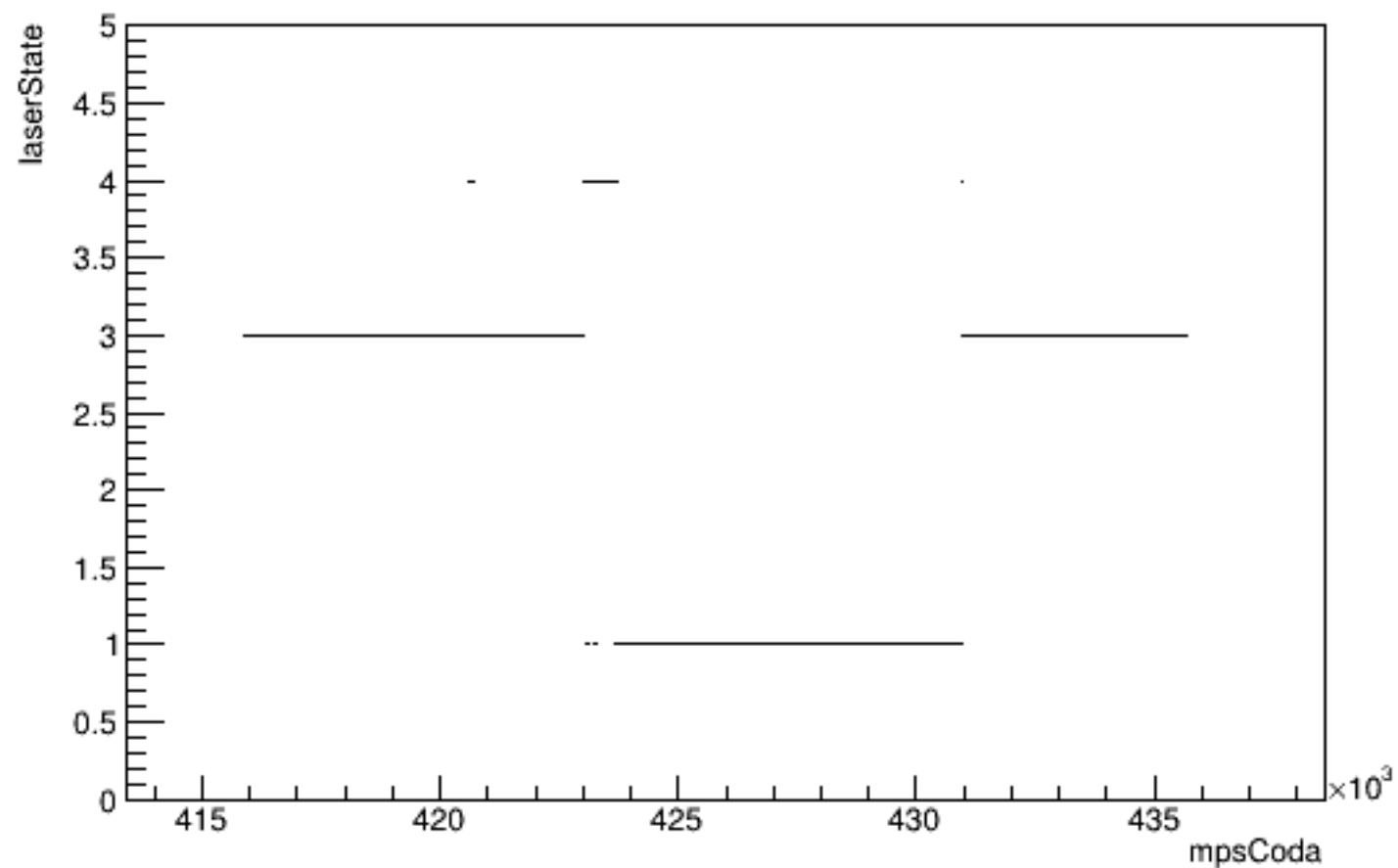
Run 6154 quartetwise, Asyms



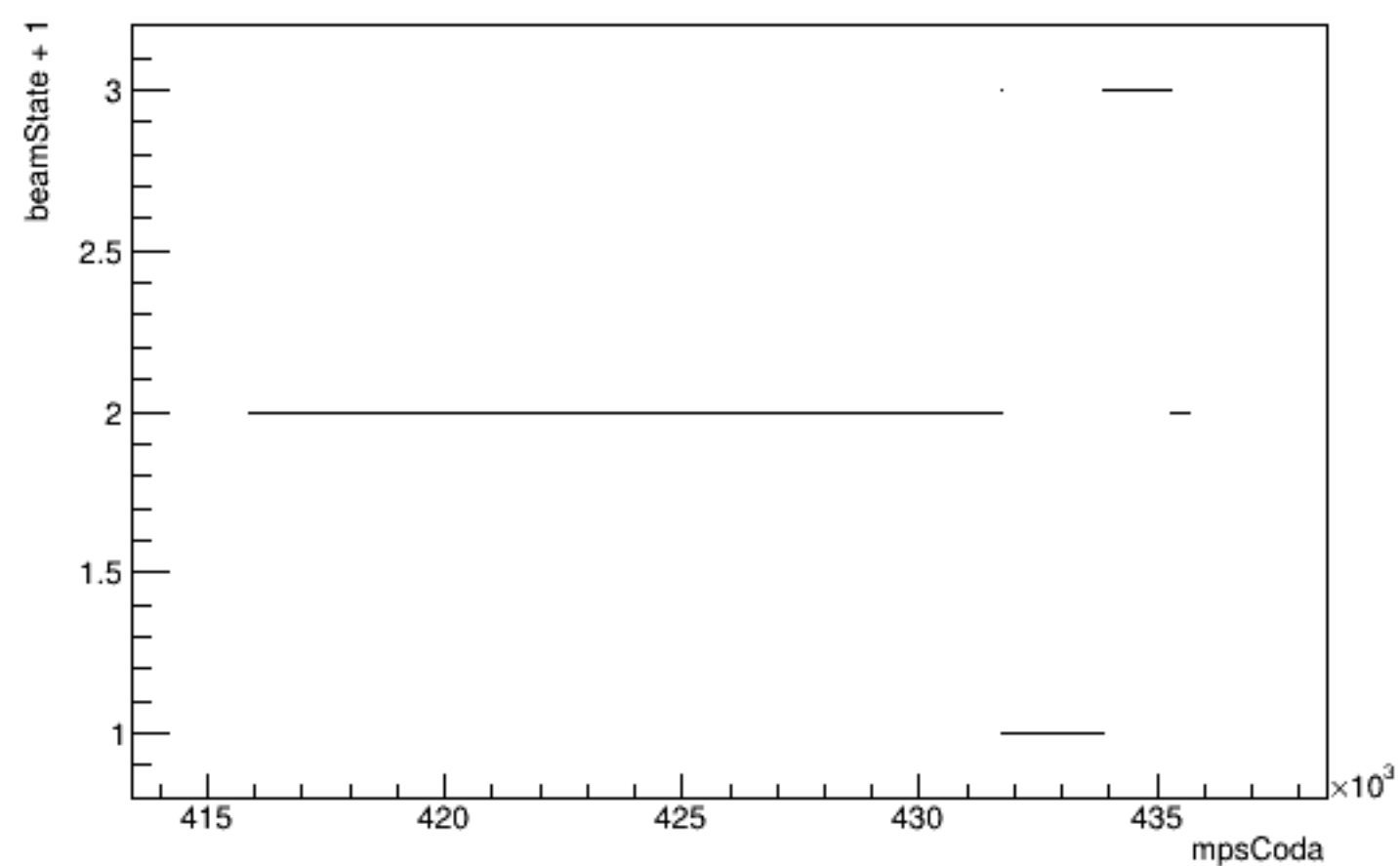
Acc0/NAcc0:mpsCoda (mpsCoda>=415893 && mpsCoda<=435688 && beamState==1)



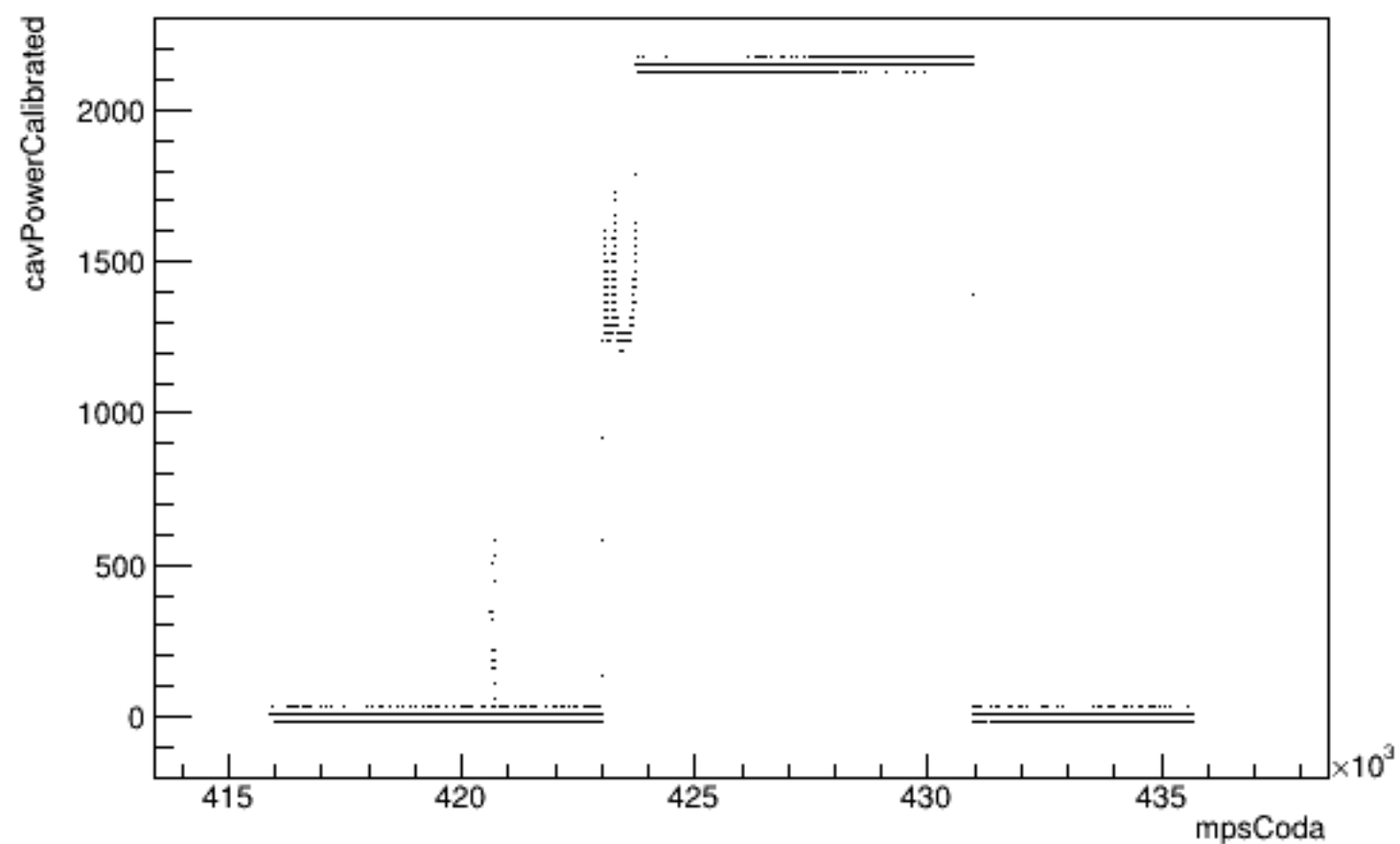
laserState:mpsCoda {mpsCoda>=415893 && mpsCoda<=435688}



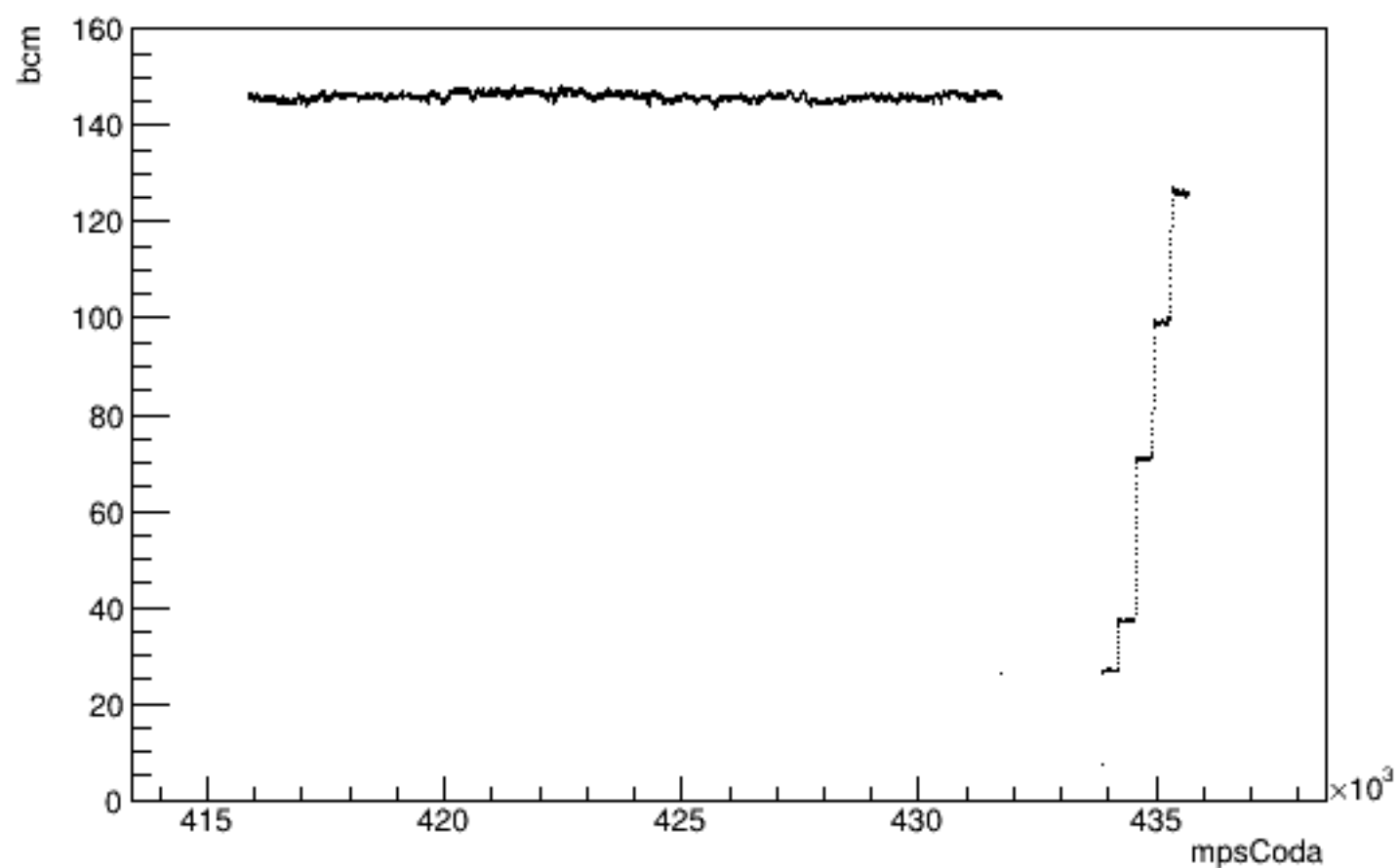
beamState + 1:mpsCoda {mpsCoda>=415893 && mpsCoda<=435688}



cavPowerCalibrated:mpsCoda {mpsCoda>=415893 && mpsCoda<=435688}



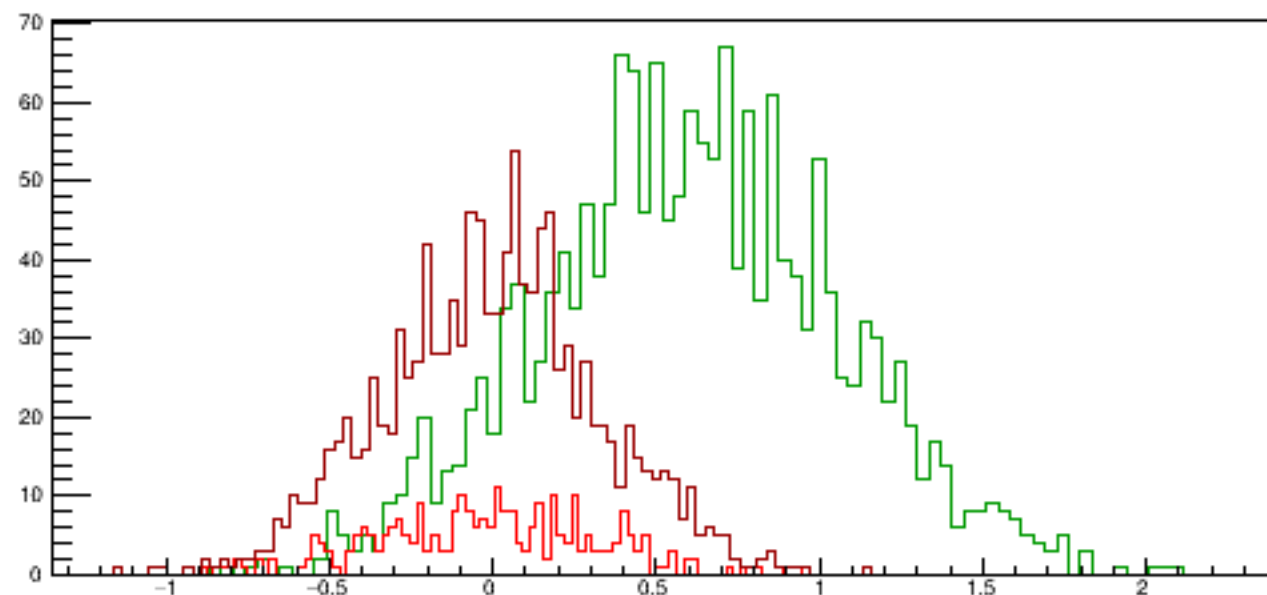
bcm:mpsCoda {mpsCoda>=415893 && mpsCoda<=435688}



Cycle 16, Diffs

Entries: 281	Entries: 1801	Entries: 1184
Mean: -0.0165 +/- 0.0204	Mean: 0.6008 +/- 0.0108	Mean: -0.0035 +/- 0.0096
Std Dev: 0.3423 +/- 0.0144	Std Dev: 0.4593 +/- 0.0077	Std Dev: 0.3304 +/- 0.0068

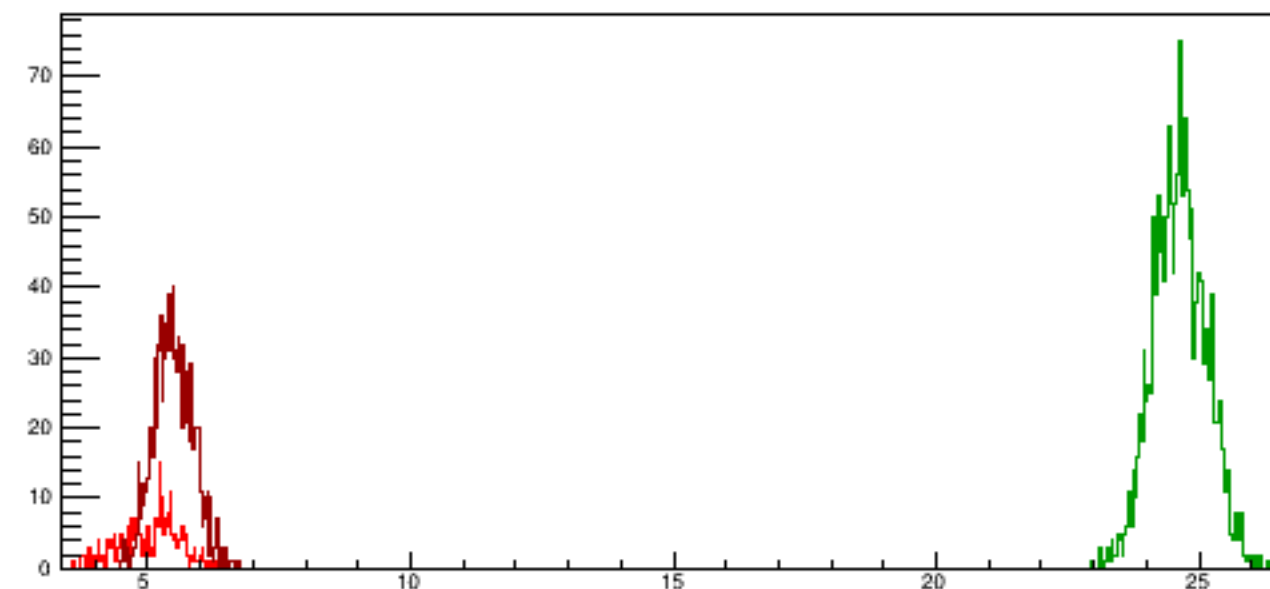
Run 6154 quartetwise, Diffs



Cycle 16, Sums

Entries: 281	Entries: 1801	Entries: 1184
Mean: 5.0282 +/- 0.0328	Mean: 24.6301 +/- 0.0118	Mean: 5.4904 +/- 0.0108
Std Dev: 0.5496 +/- 0.0232	Std Dev: 0.5010 +/- 0.0083	Std Dev: 0.3722 +/- 0.0076

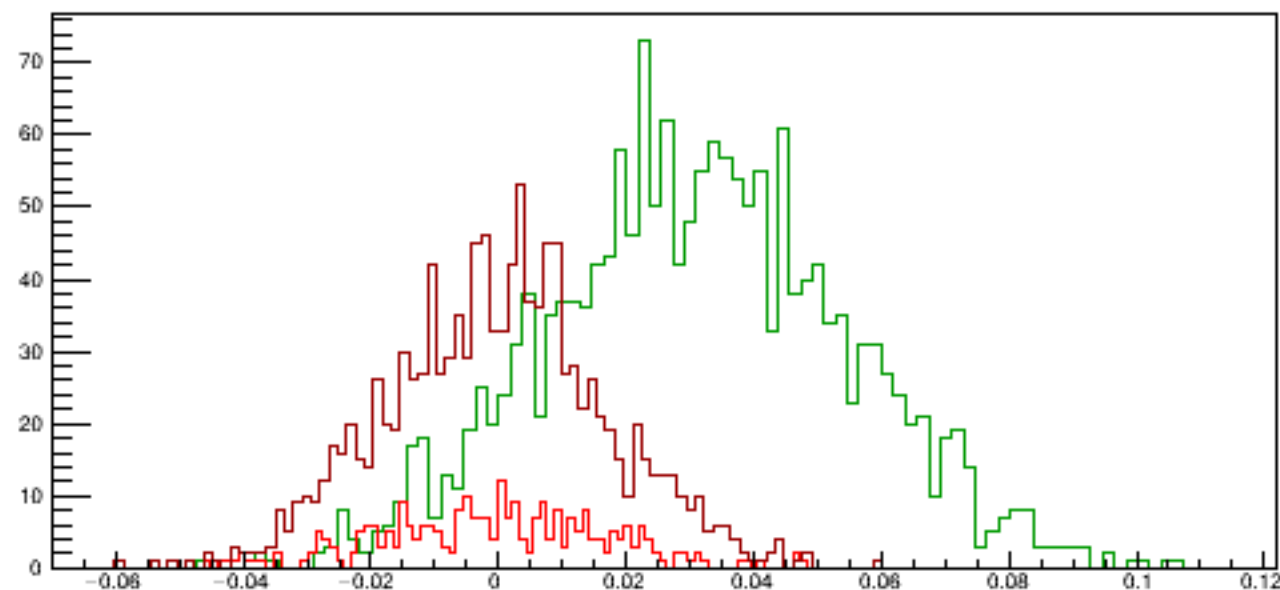
Run 6154 quartetwise, Sums



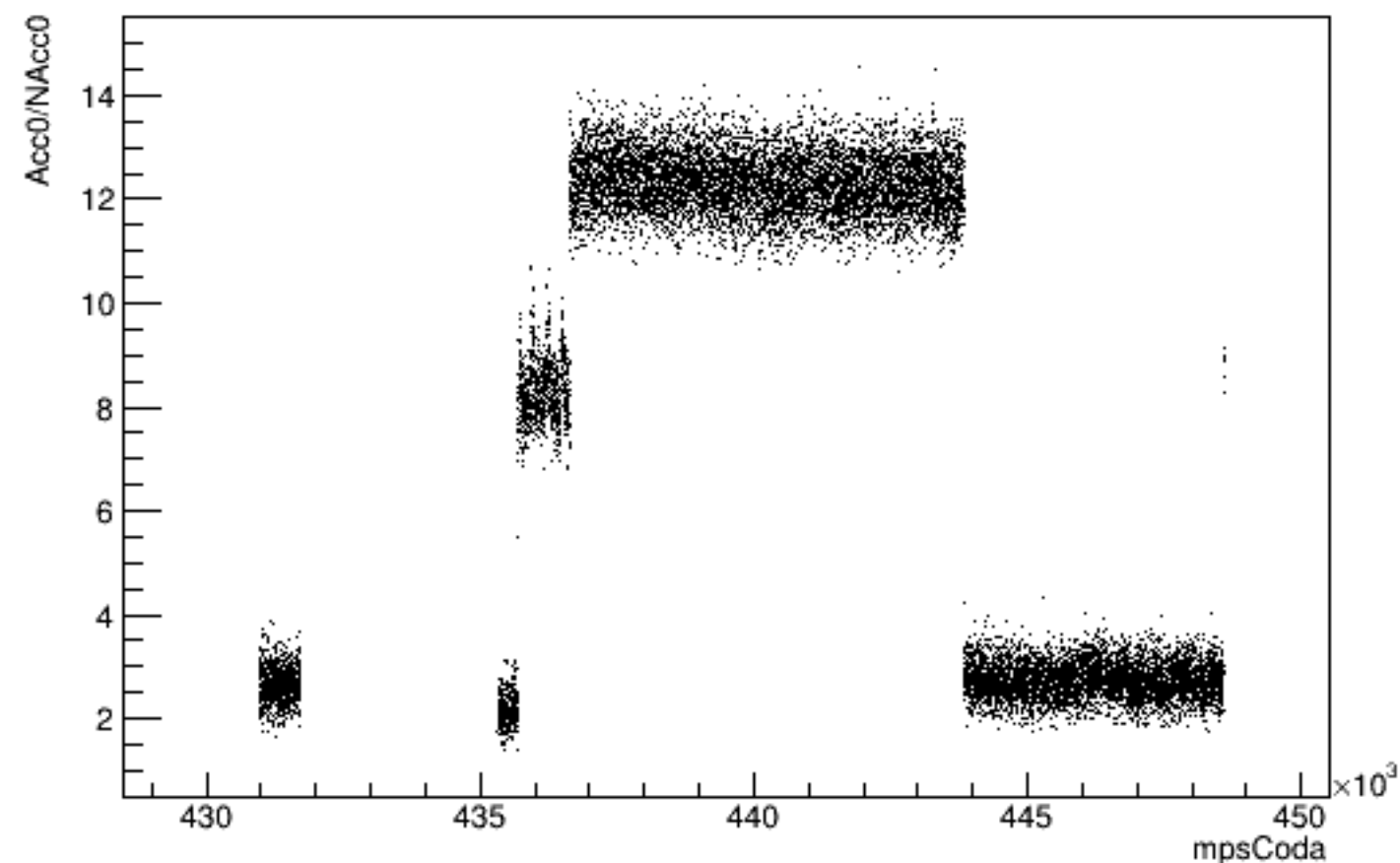
Cycle 16, Asyms

Entries: 281	Entries: 1801	Entries: 1184
Mean: -0.0009 +/- 0.0011	Mean: 0.0310 +/- 0.0006	Mean: -0.0002 +/- 0.0005
Std Dev: 0.0177 +/- 0.0007	Std Dev: 0.0237 +/- 0.0004	Std Dev: 0.0171 +/- 0.0004

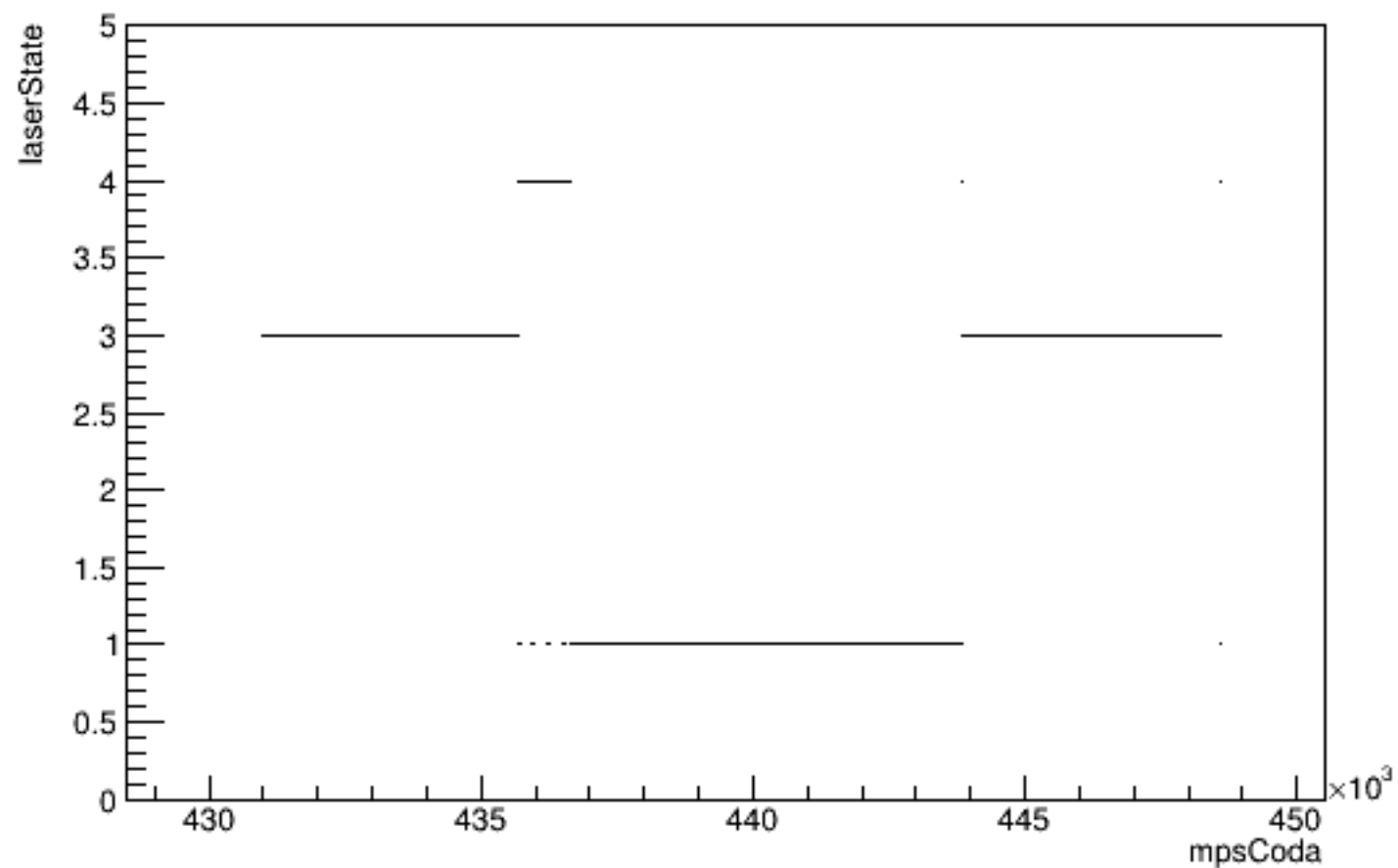
Run 6154 quartetwise, Asyms



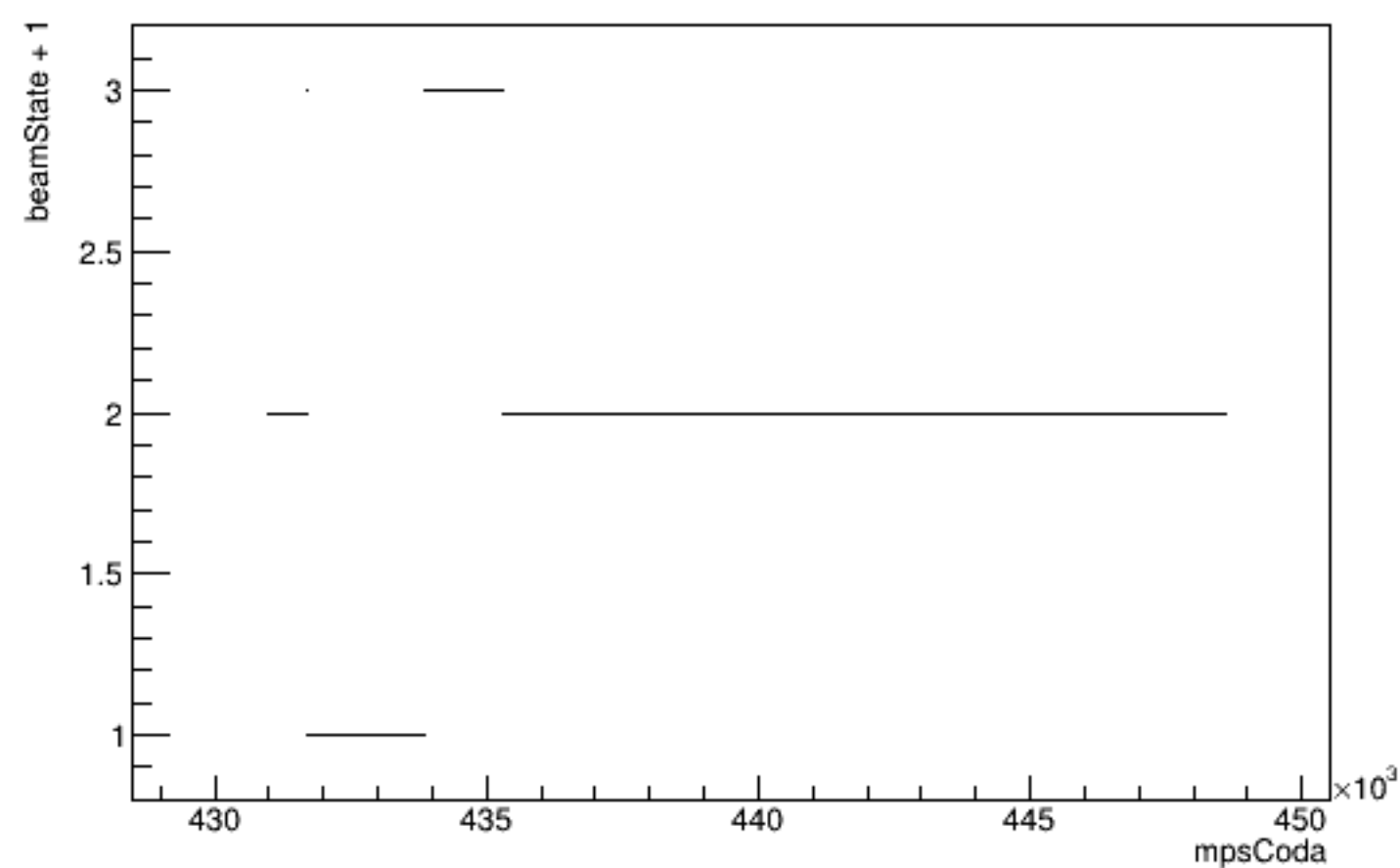
Acc0/NAcc0:mpsCoda (mpsCoda>=430957 && mpsCoda<=448584 && beamState==1)



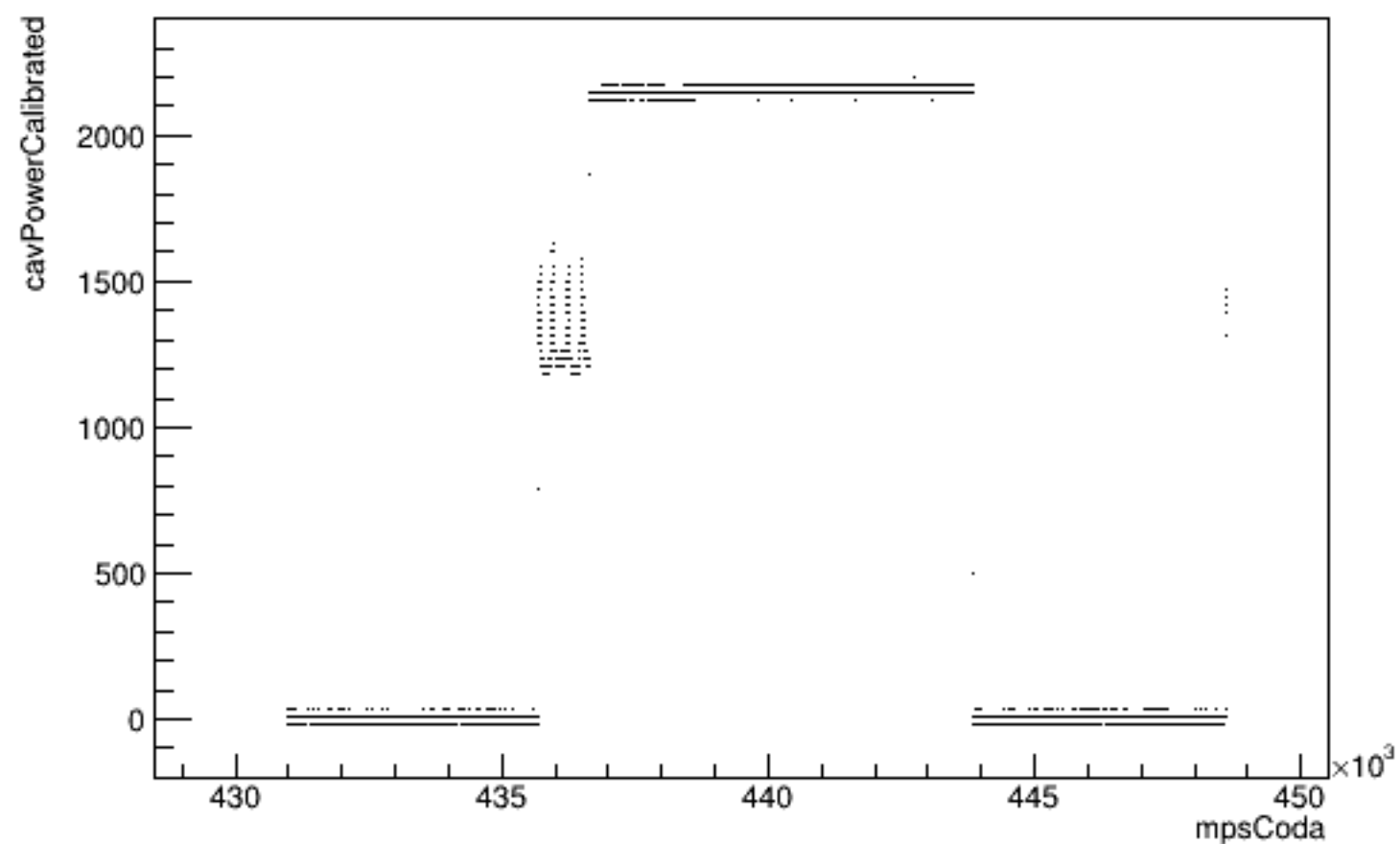
laserState:mpsCoda {mpsCoda>=430957 && mpsCoda<=448584}



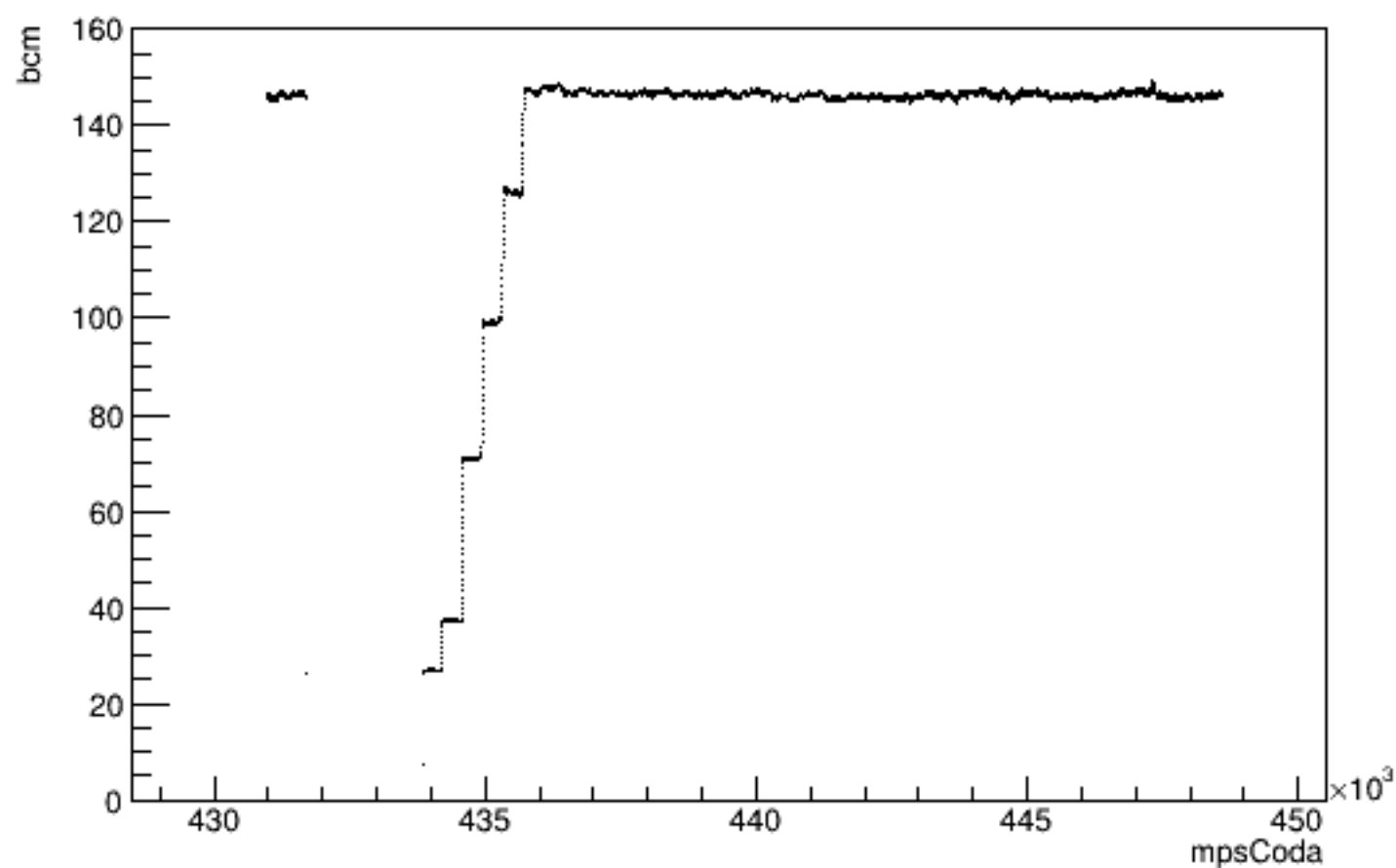
beamState + 1:mpsCoda {mpsCoda>=430957 && mpsCoda<=448584}



cavPowerCalibrated:mpsCoda {mpsCoda>=430957 && mpsCoda<=448584}



bcm:mpsCoda {mpsCoda>=430957 && mpsCoda<=448584}



Cycle 17, Diffs

Entries: 1184

Mean: -0.0035 +/- 0.0096

Std Dev: 0.3304 +/- 0.0068

Entries: 1801

Mean: 0.6085 +/- 0.0108

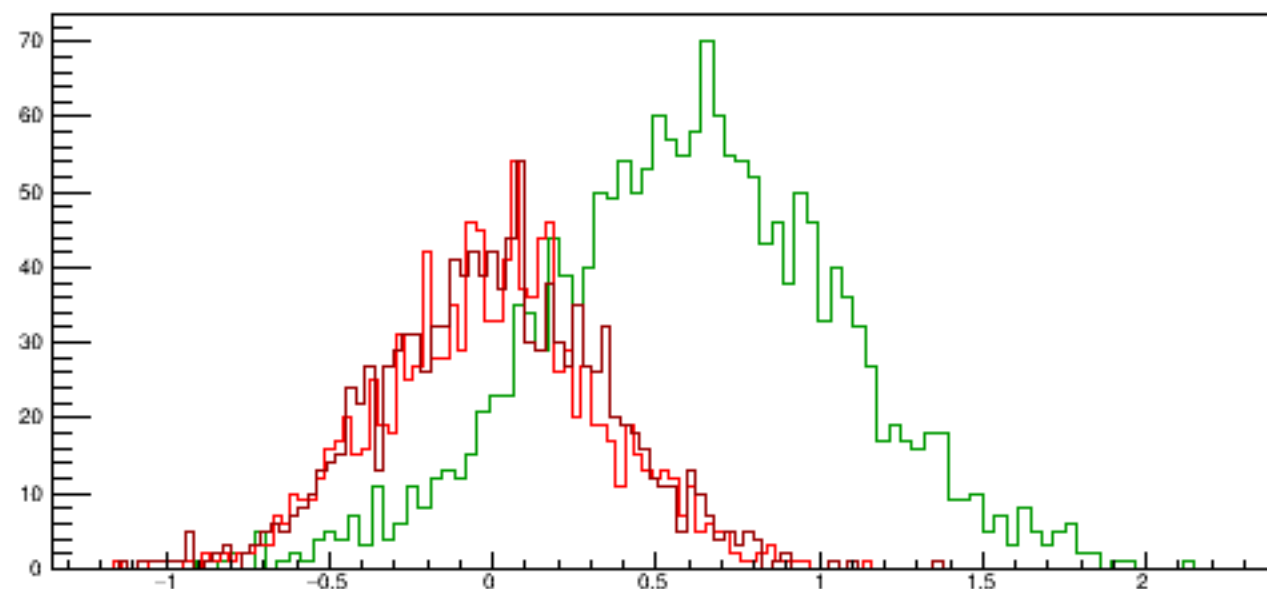
Std Dev: 0.4585 +/- 0.0076

Entries: 1180

Mean: 0.0023 +/- 0.0100

Std Dev: 0.3447 +/- 0.0071

Run 6154 quartetwise, Diffs



Cycle 17, Sums

Entries: 1184

Mean: 5.4904 +/- 0.0108

Std Dev: 0.3722 +/- 0.0076

Entries: 1801

Mean: 24.6740 +/- 0.0119

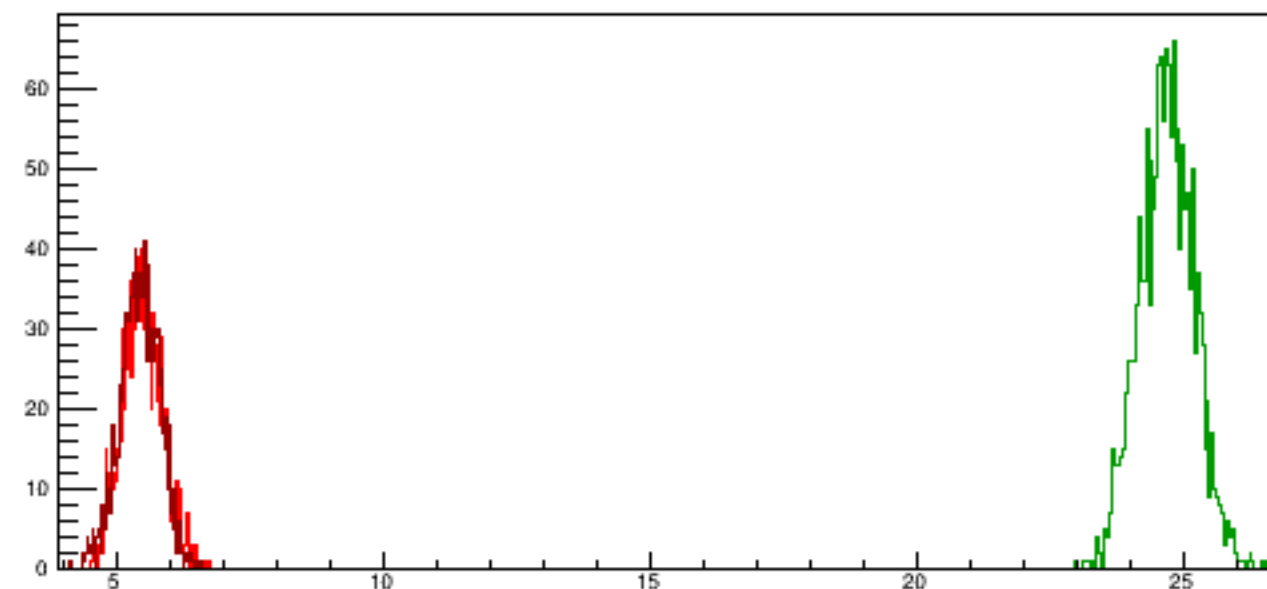
Std Dev: 0.5063 +/- 0.0084

Entries: 1180

Mean: 5.4289 +/- 0.0107

Std Dev: 0.3687 +/- 0.0076

Run 6154 quartetwise, Sums



Cycle 17, Asyms

Entries: 1184

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0172 +/- 0.0004

Entries: 1801

Mean: 0.0317 +/- 0.0006

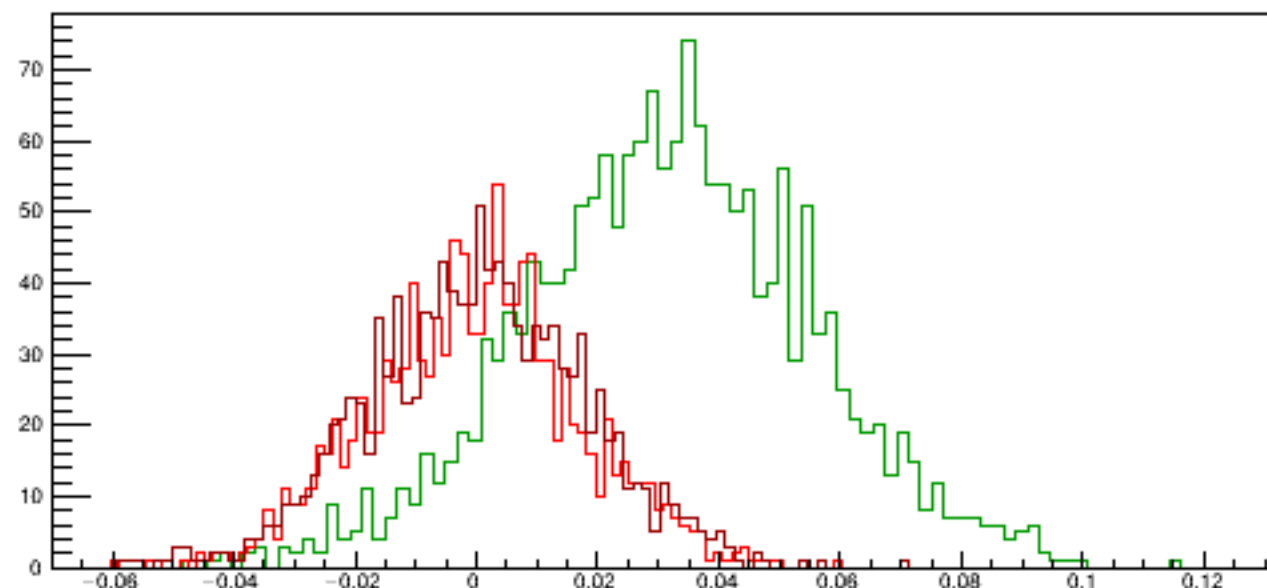
Std Dev: 0.0239 +/- 0.0004

Entries: 1180

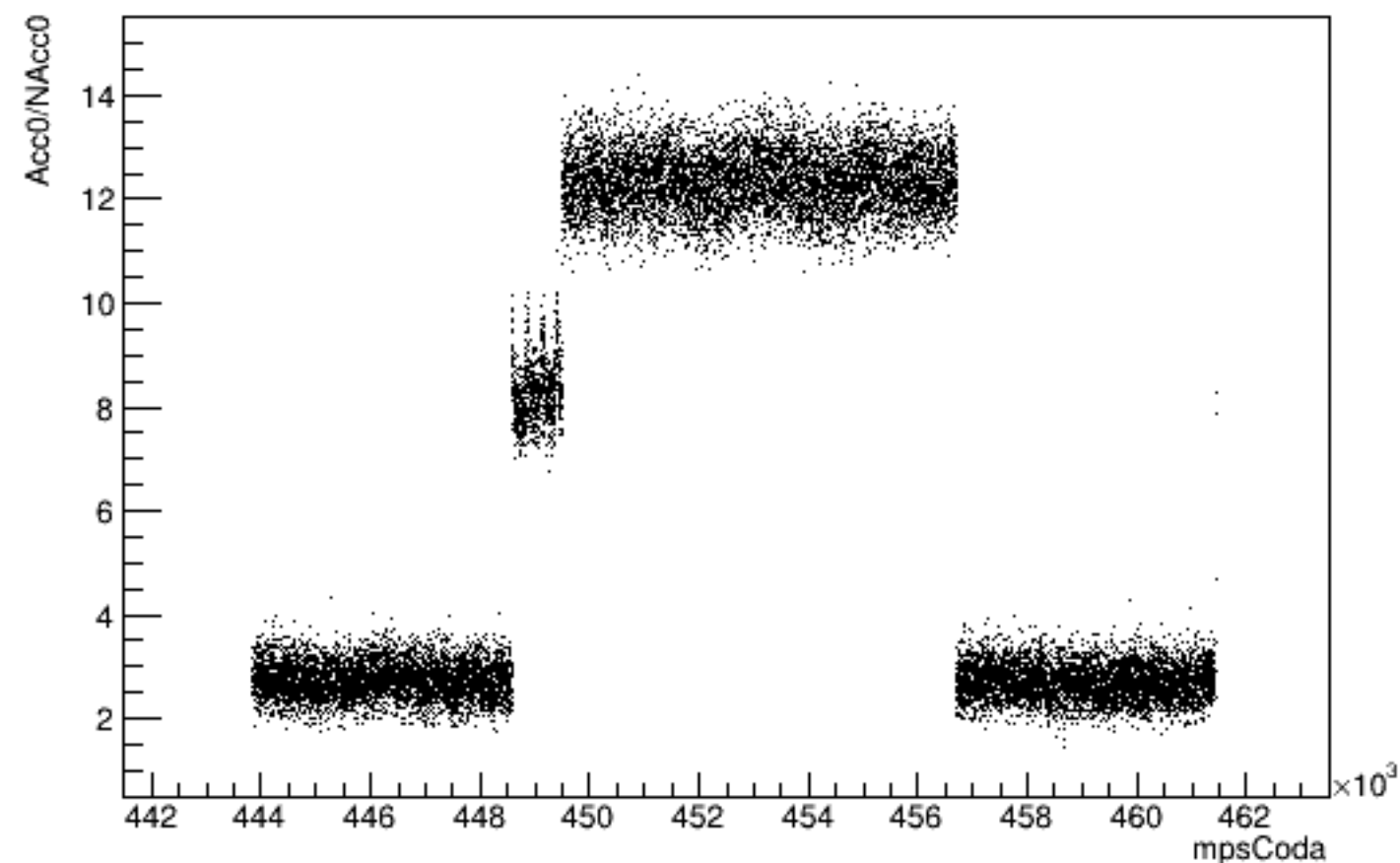
Mean: 0.0001 +/- 0.0005

Std Dev: 0.0179 +/- 0.0004

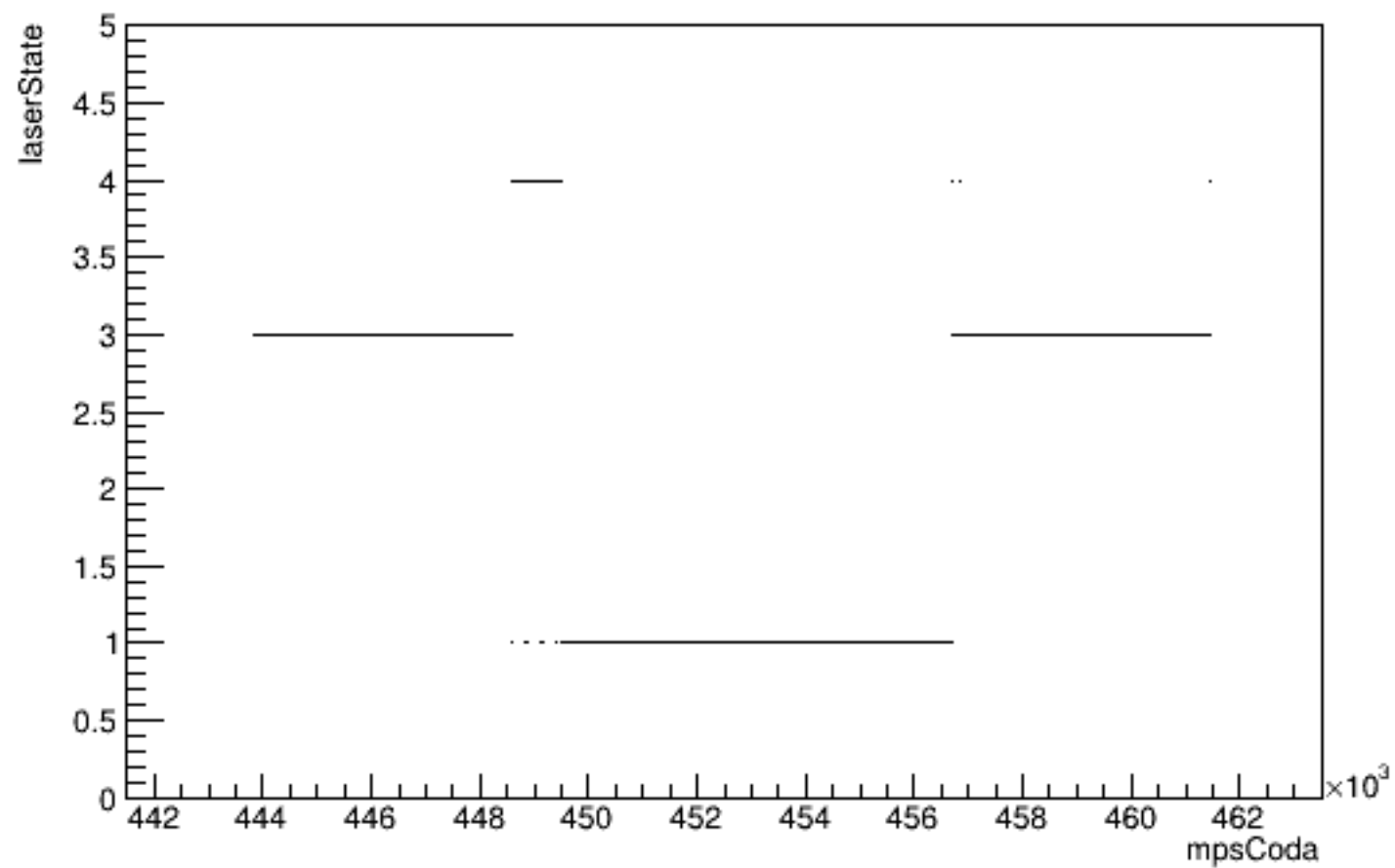
Run 6154 quartetwise, Asyms



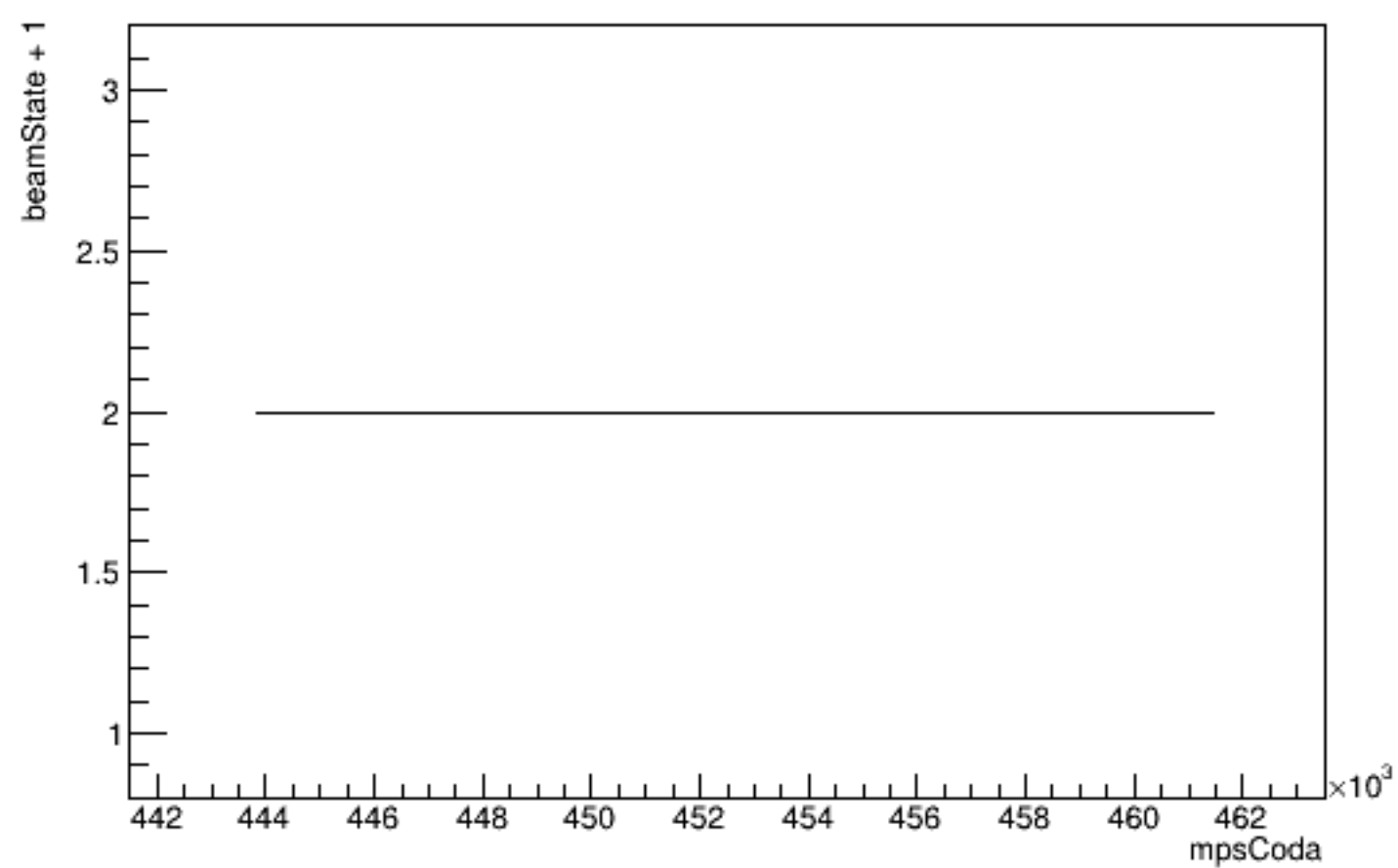
Acc0/NAcc0:mpsCoda (mpsCoda>=443841 && mpsCoda<=461436 && beamState==1)



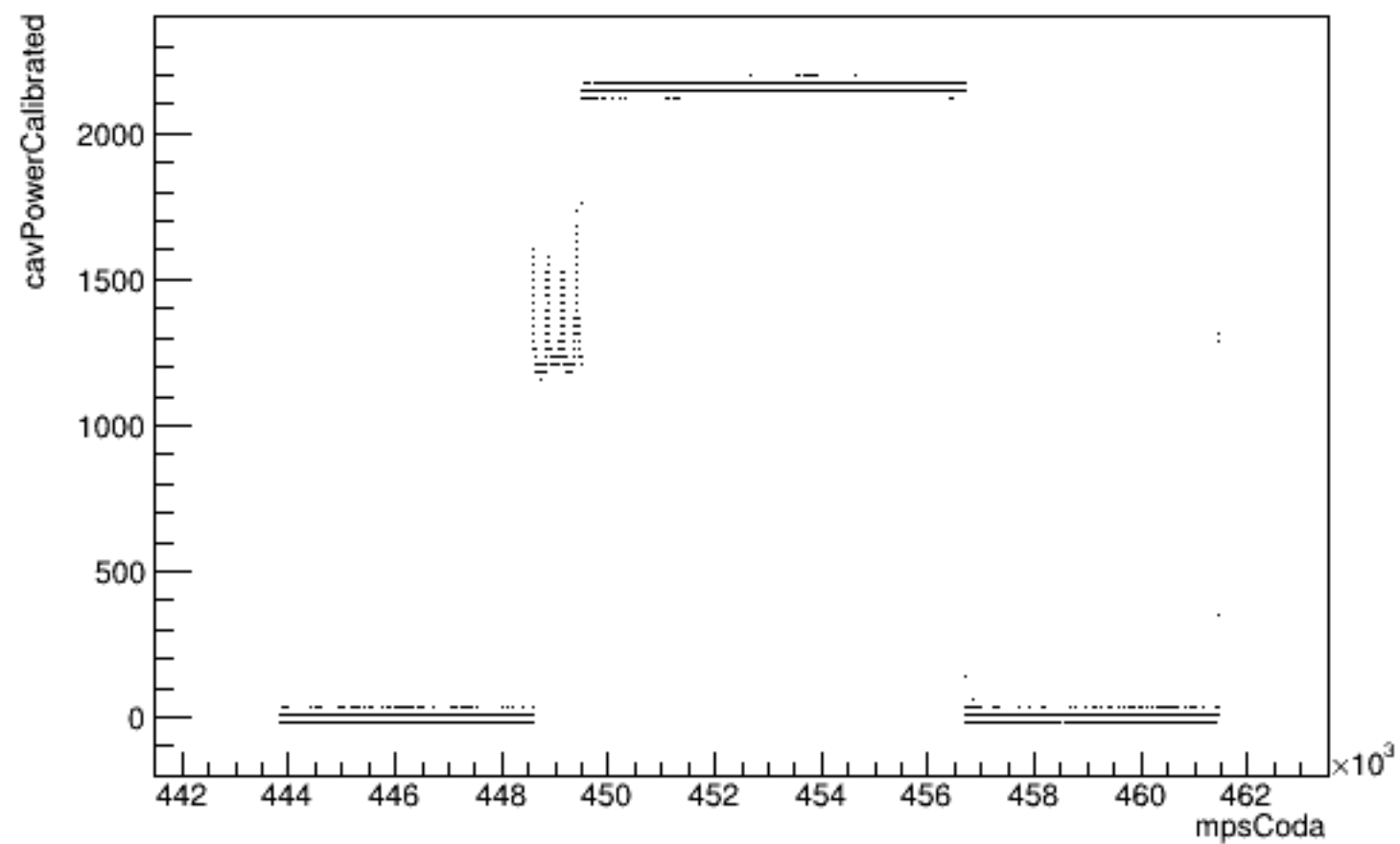
laserState:mpsCoda {mpsCoda>=443841 && mpsCoda<=461436}



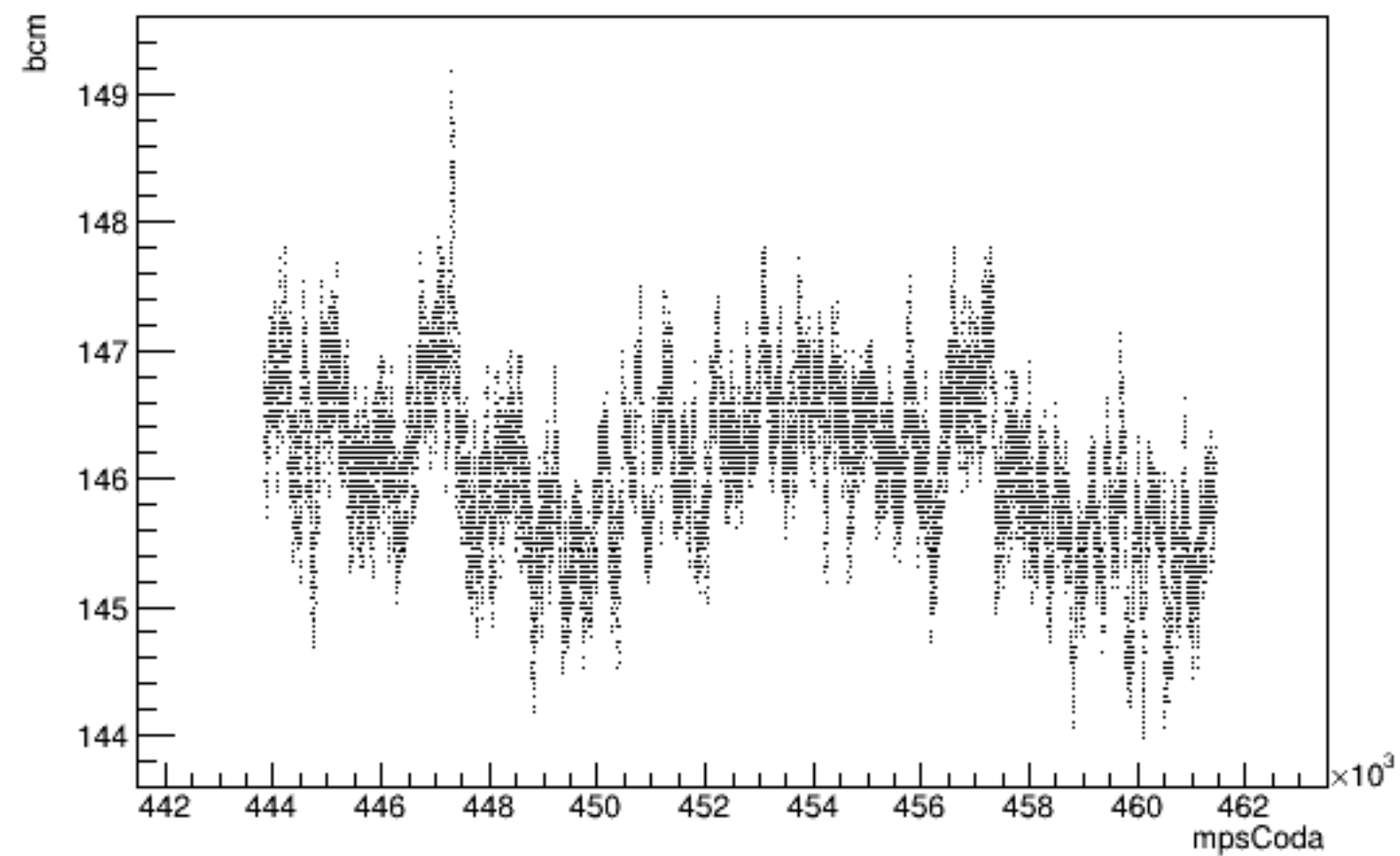
beamState + 1:mpsCoda {mpsCoda>=443841 && mpsCoda<=461436}



cavPowerCalibrated:mpsCoda {mpsCoda>=443841 && mpsCoda<=461436}



bcm:mpsCoda {mpsCoda>=443841 && mpsCoda<=461436}



Cycle 18, Diffs

Entries: 1180

Mean: 0.0023 +/- 0.0100

Std Dev: 0.3447 +/- 0.0071

Entries: 327

Mean: 0.5921 +/- 0.0238

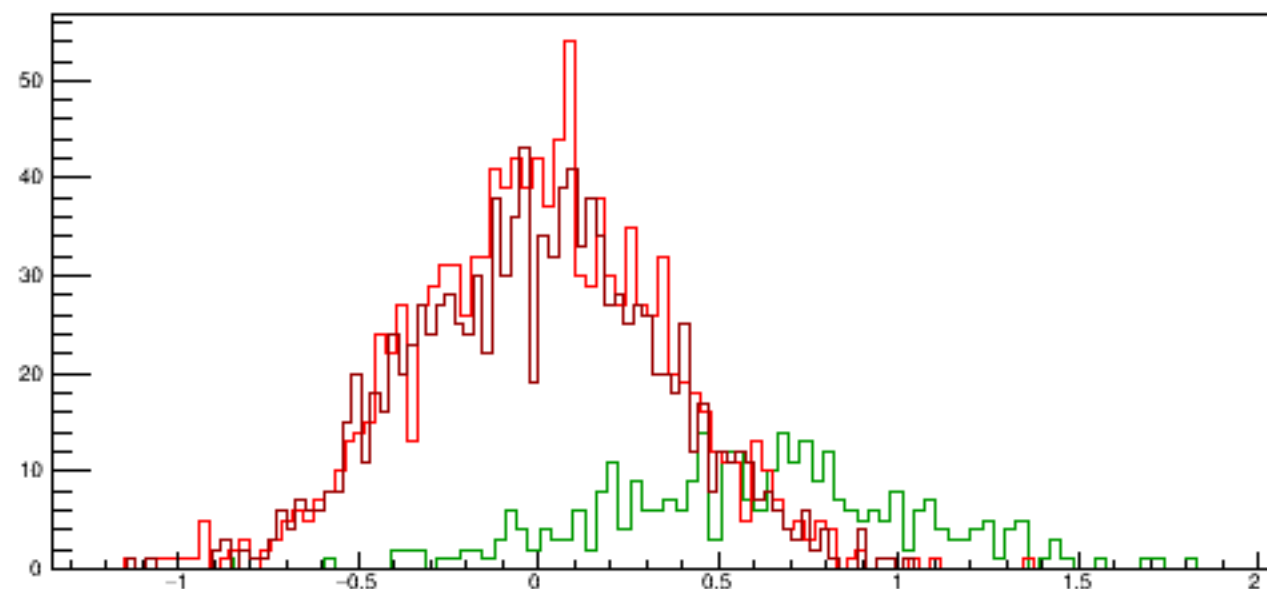
Std Dev: 0.4303 +/- 0.0168

Entries: 1177

Mean: 0.0010 +/- 0.0100

Std Dev: 0.3441 +/- 0.0071

Run 6154 quartetwise, Diffs



Cycle 18, Sums

Entries: 1180

Mean: 5.4289 +/- 0.0107

Std Dev: 0.3687 +/- 0.0076

Entries: 327

Mean: 23.7549 +/- 0.0777

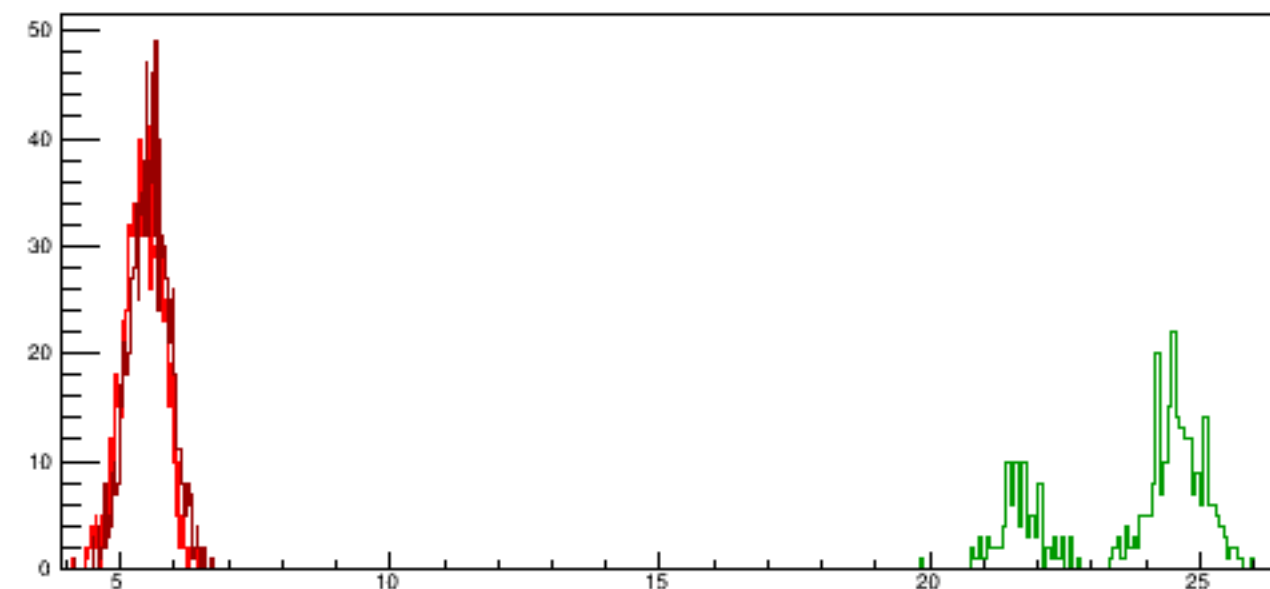
Std Dev: 1.4052 +/- 0.0549

Entries: 1177

Mean: 5.5413 +/- 0.0107

Std Dev: 0.3680 +/- 0.0076

Run 6154 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=456709 && mpsCoda<=474056 && beamState==1)

Cycle 18, Asyms

Entries: 1180

Mean: 0.0001 +/- 0.0005

Std Dev: 0.0189 +/- 0.0004

Entries: 327

Mean: 0.0323 +/- 0.0013

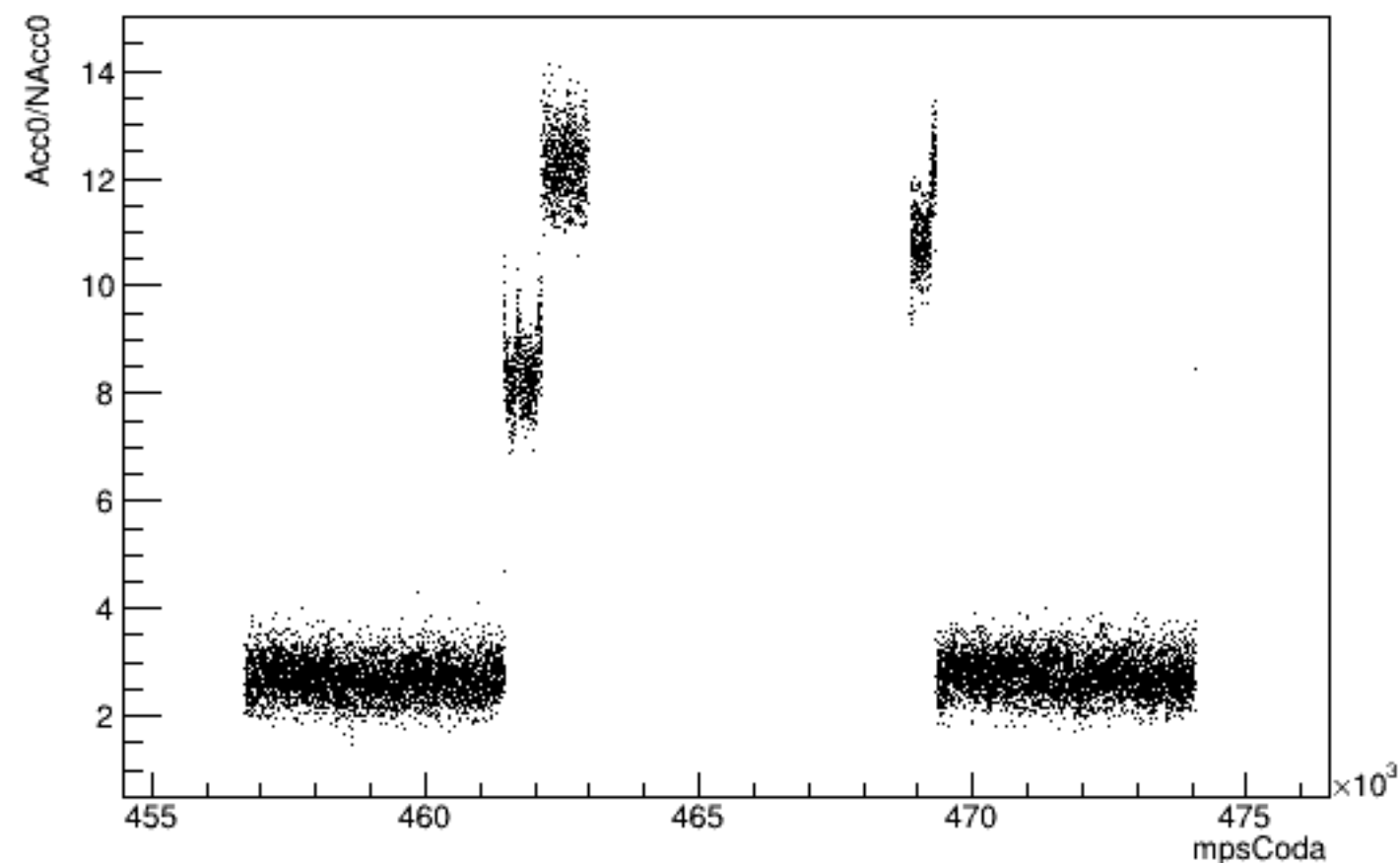
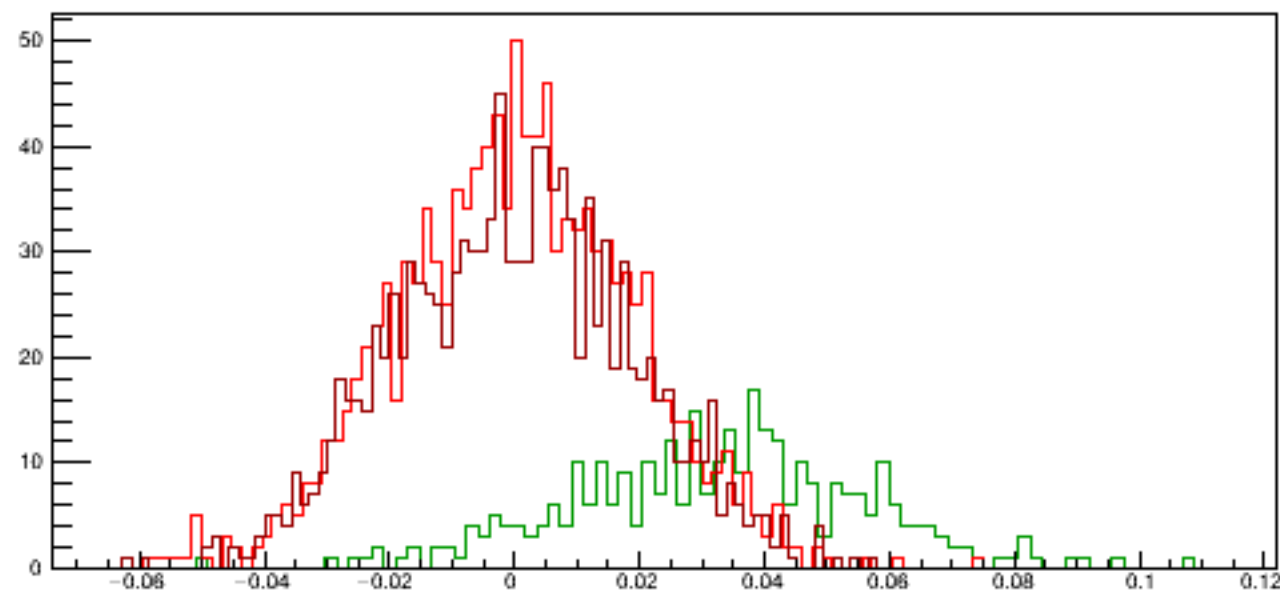
Std Dev: 0.0236 +/- 0.0009

Entries: 1177

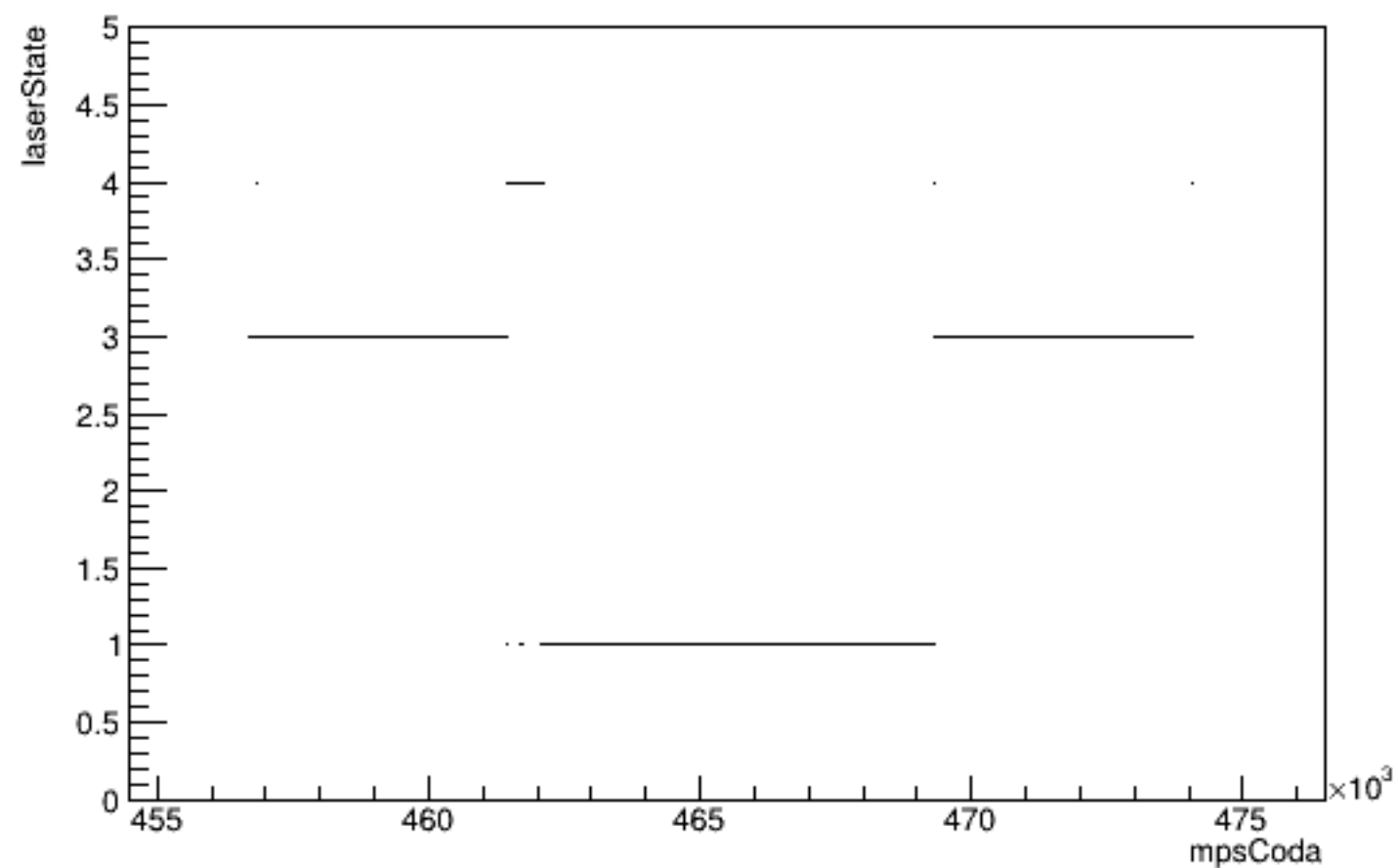
Mean: 0.0001 +/- 0.0005

Std Dev: 0.0188 +/- 0.0004

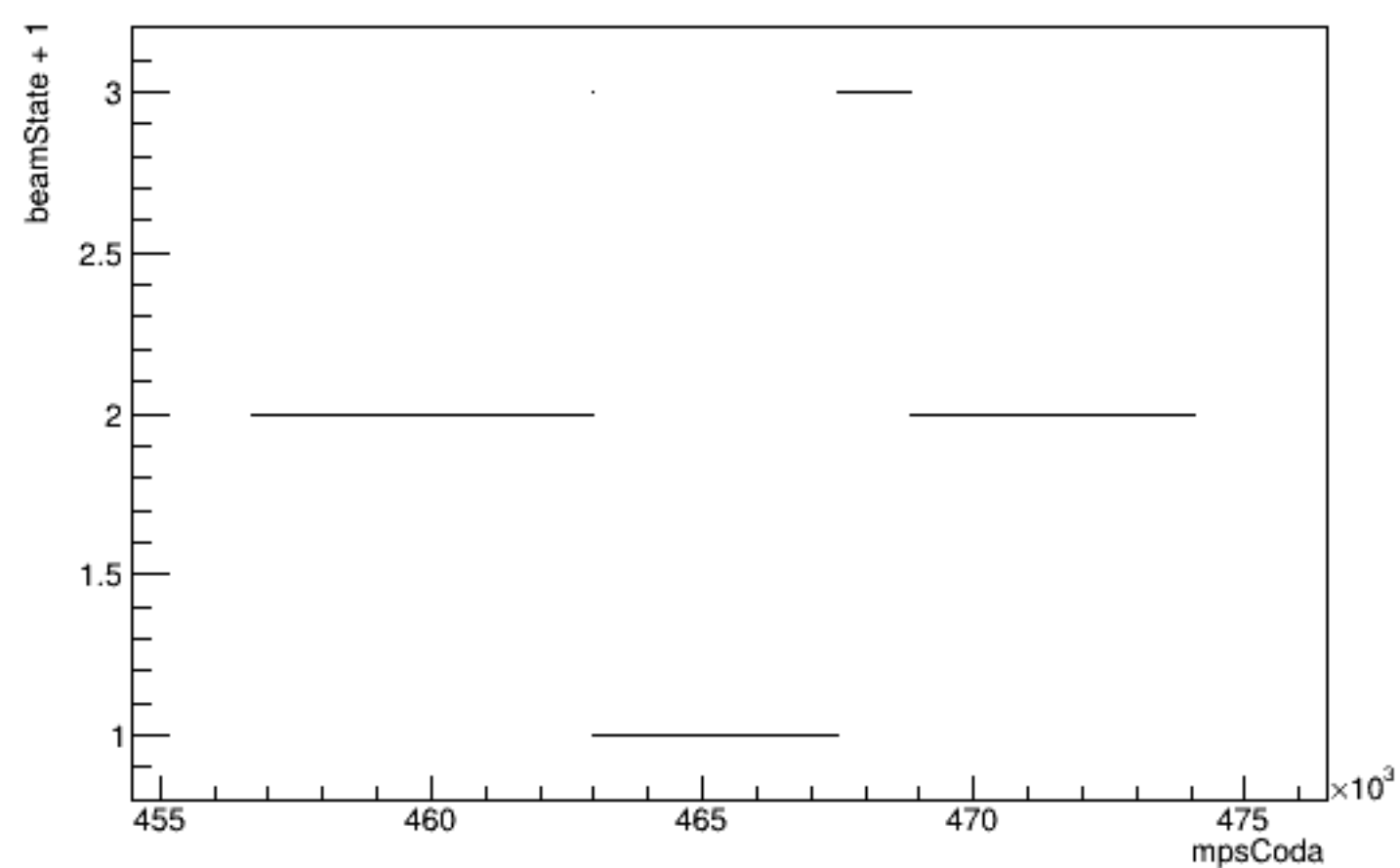
Run 6154 quartetwise, Asyms



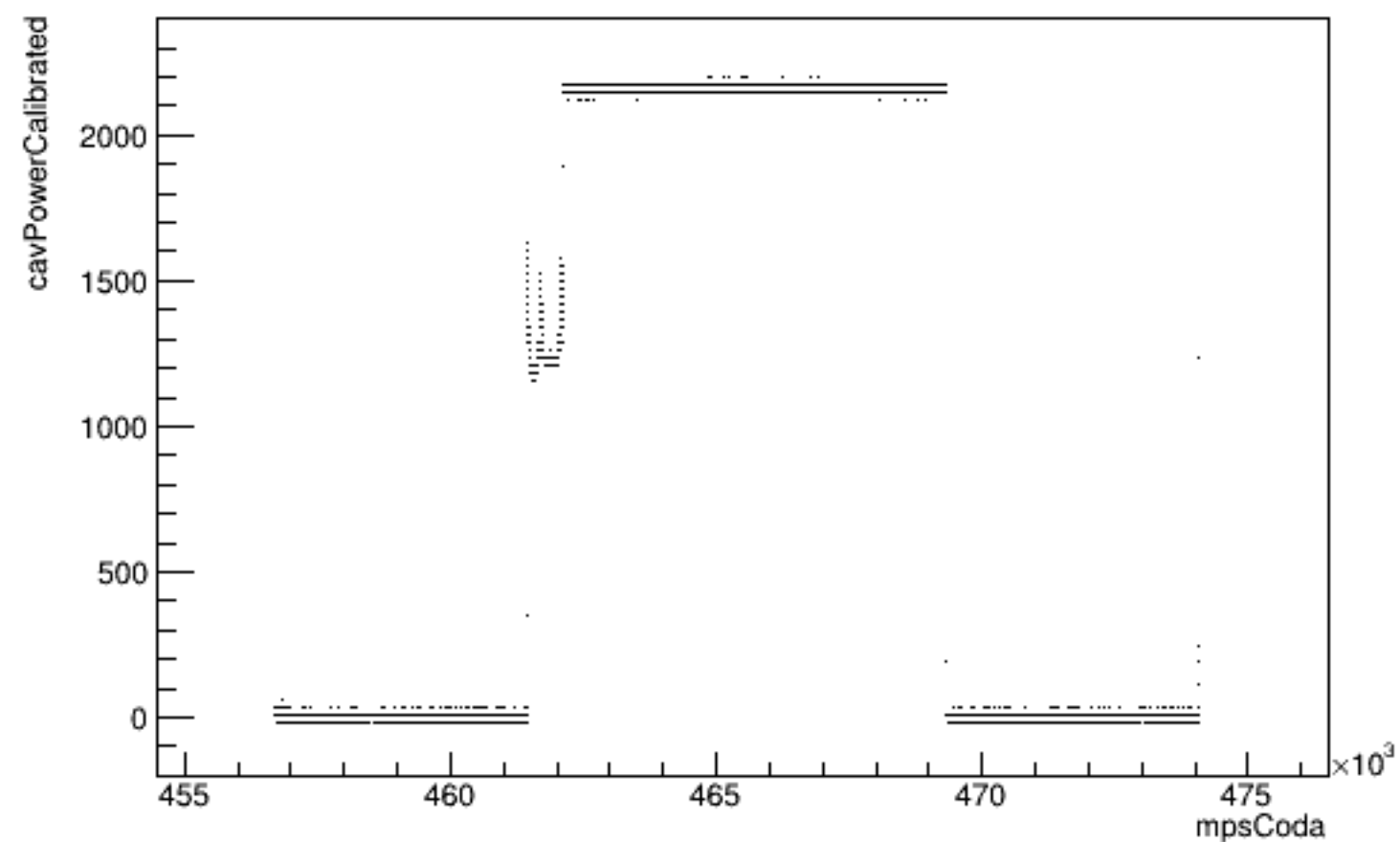
laserState:mpsCoda {mpsCoda>=456709 && mpsCoda<=474056}



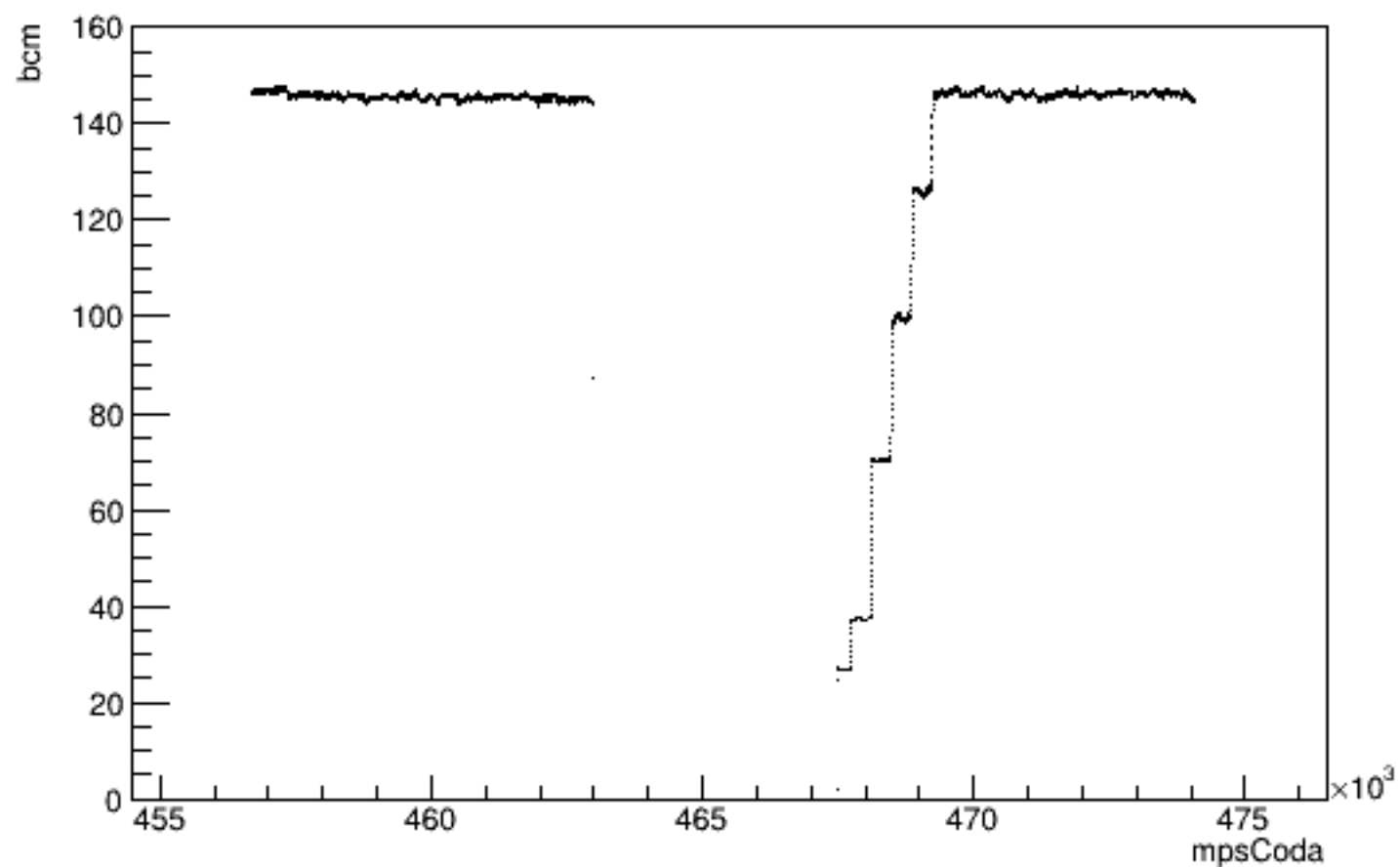
beamState + 1:mpsCoda {mpsCoda>=456709 && mpsCoda<=474056}



cavPowerCalibrated:mpsCoda {mpsCoda>=456709 && mpsCoda<=474056}



bcm:mpsCoda {mpsCoda>=456709 && mpsCoda<=474056}



Cycle 19, Diffs

Entries: 1177

Mean: 0.0010 +/- 0.0100

Std Dev: 0.3441 +/- 0.0071

Entries: 1800

Mean: 0.6028 +/- 0.0108

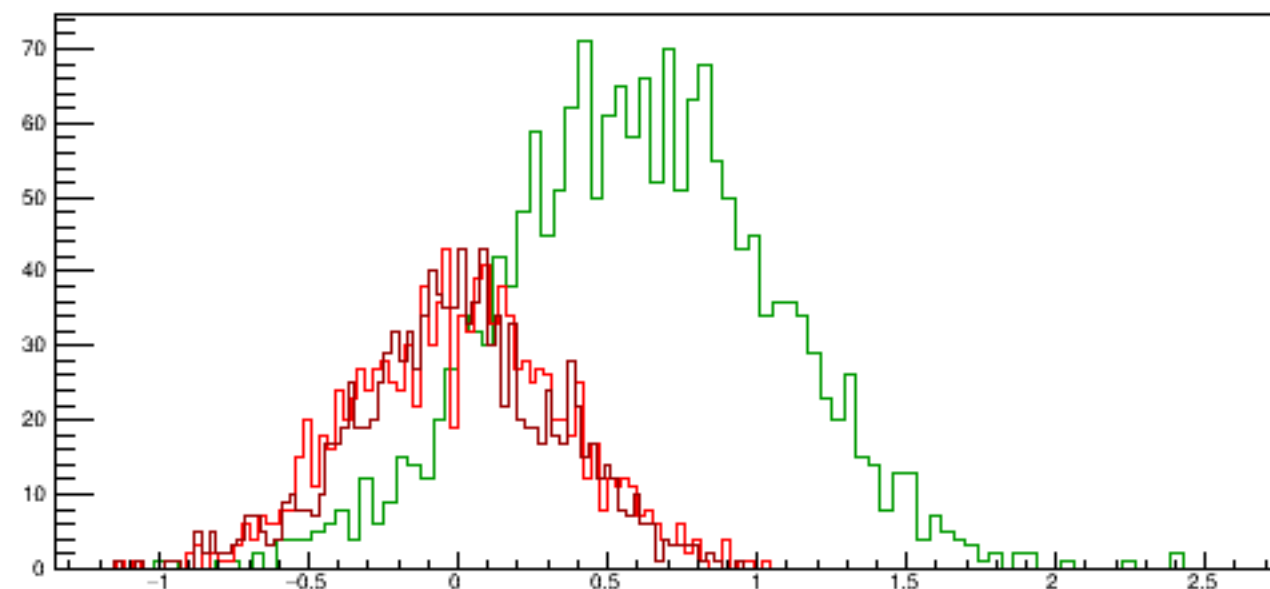
Std Dev: 0.4595 +/- 0.0077

Entries: 1182

Mean: -0.0068 +/- 0.0098

Std Dev: 0.3357 +/- 0.0069

Run 6154 quartetwise, Diffs



Cycle 19, Sums

Entries: 1177

Mean: 5.5413 +/- 0.0107

Std Dev: 0.3680 +/- 0.0076

Entries: 1800

Mean: 24.6707 +/- 0.0121

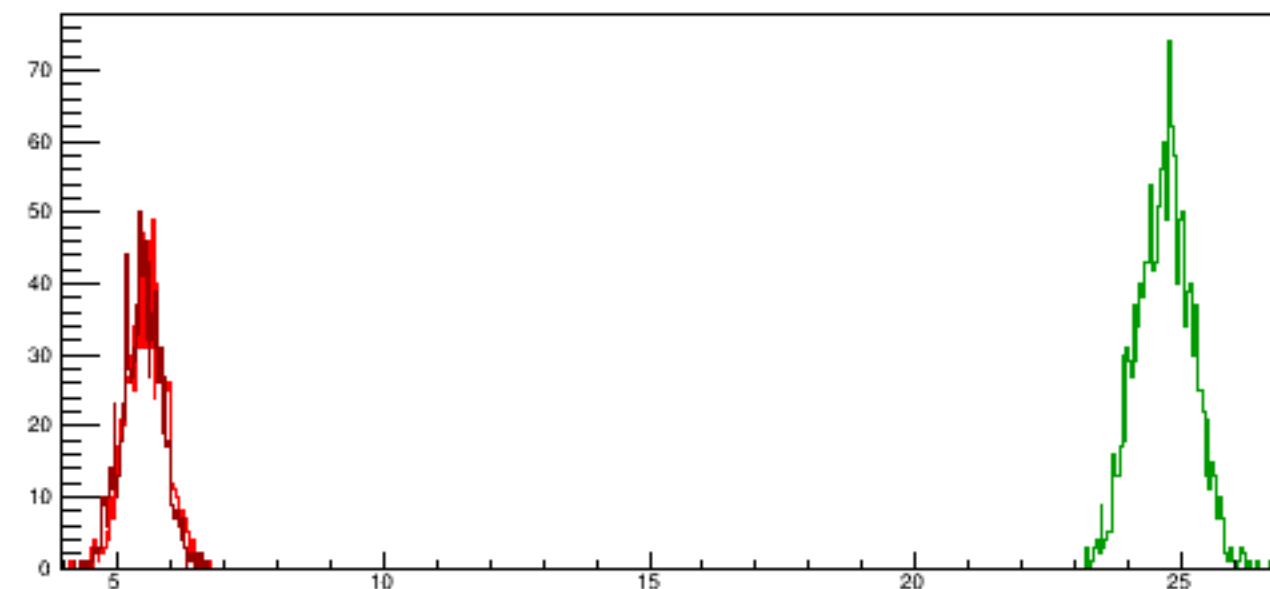
Std Dev: 0.5141 +/- 0.0086

Entries: 1182

Mean: 5.4791 +/- 0.0107

Std Dev: 0.3663 +/- 0.0075

Run 6154 quartetwise, Sums



Cycle 19, Asyms

Entries: 1177

Mean: 0.0001 +/- 0.0005

Std Dev: 0.0180 +/- 0.0004

Entries: 1800

Mean: 0.0315 +/- 0.0006

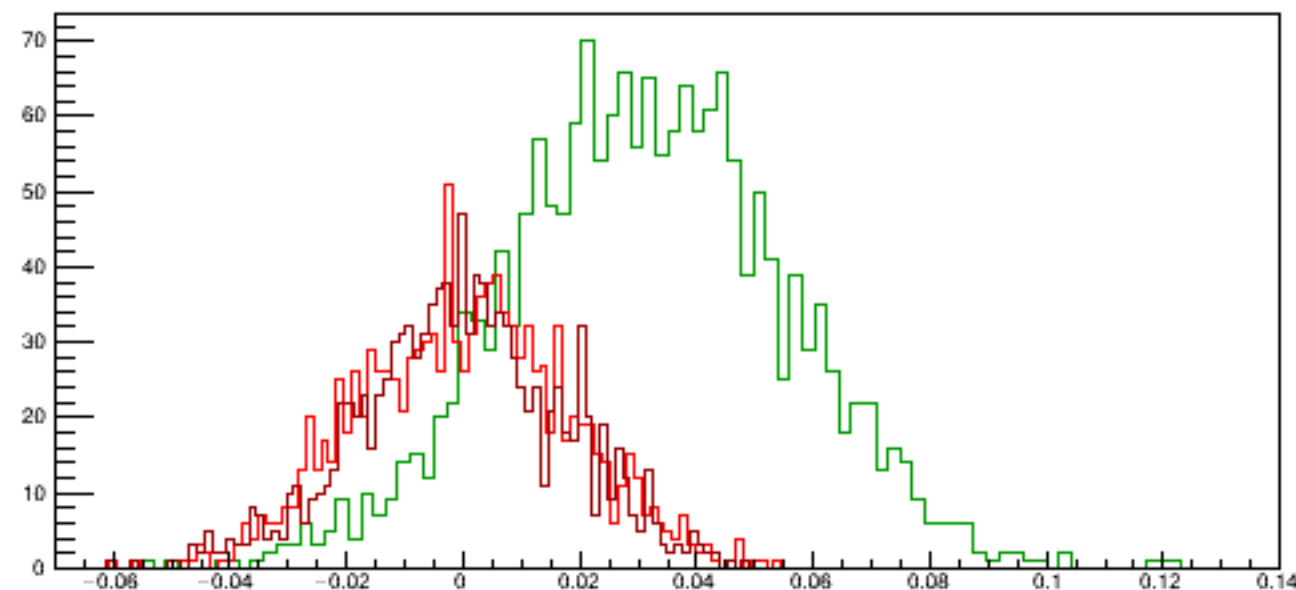
Std Dev: 0.0240 +/- 0.0004

Entries: 1182

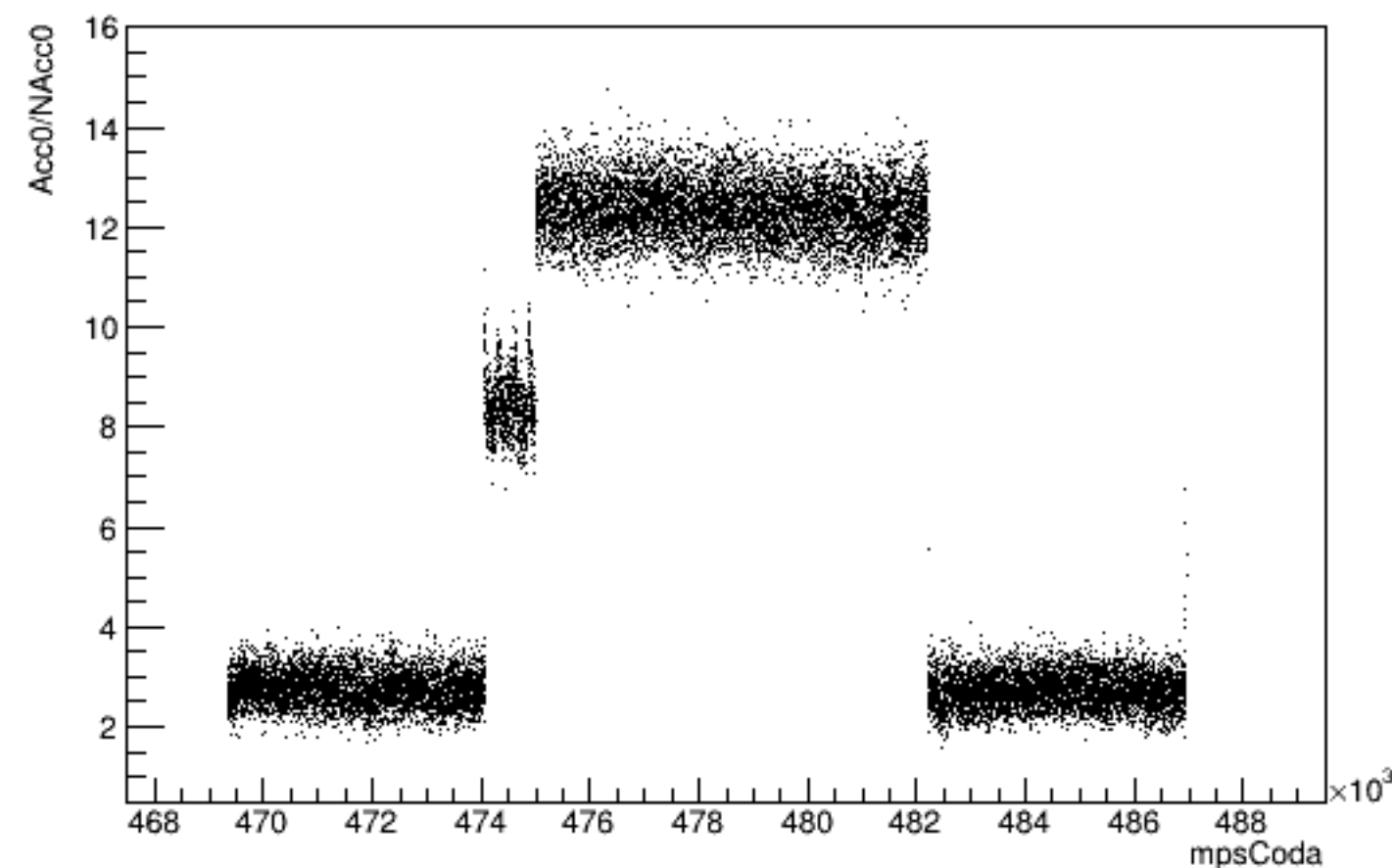
Mean: -0.0004 +/- 0.0005

Std Dev: 0.0175 +/- 0.0004

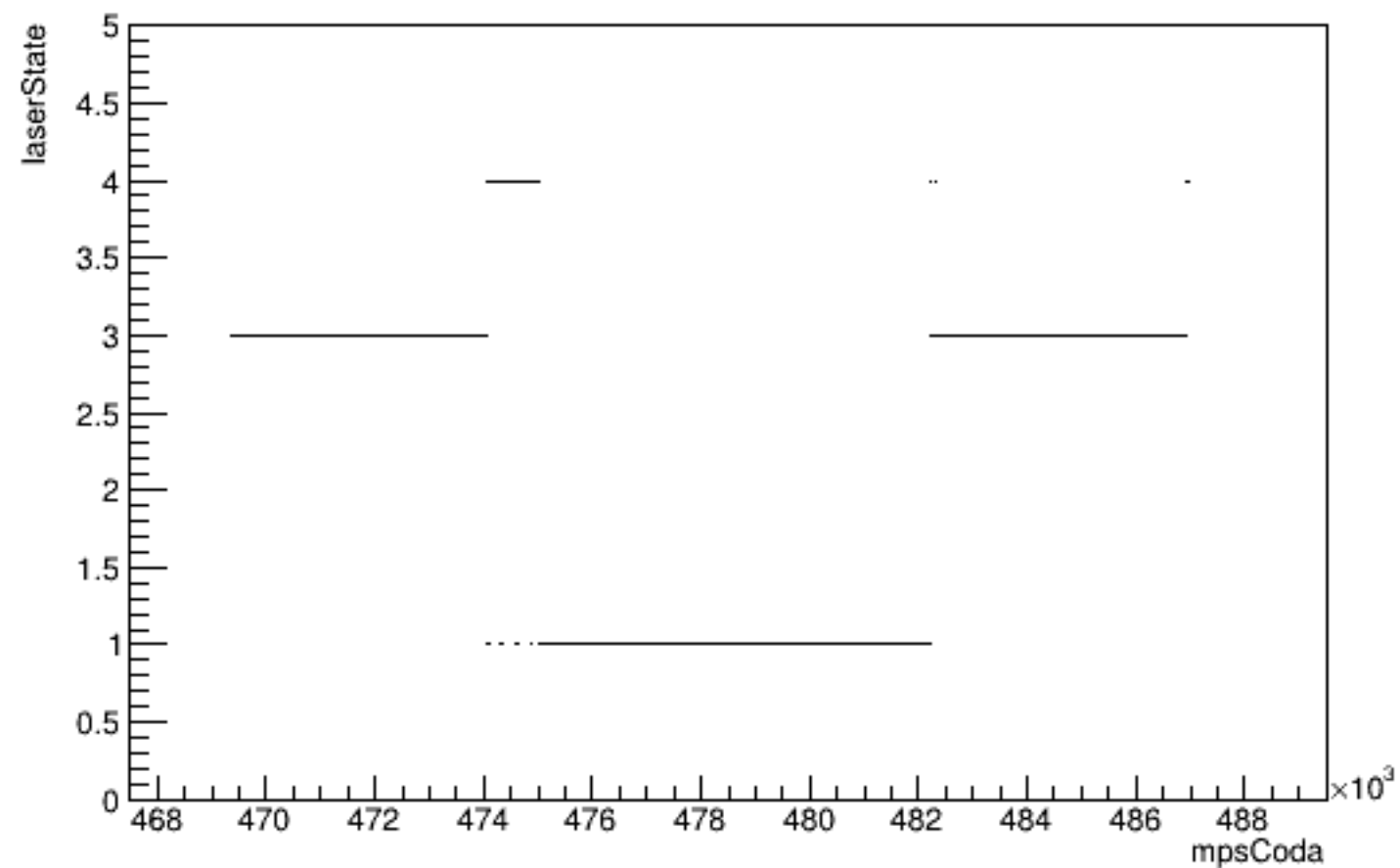
Run 6154 quartetwise, Asyms



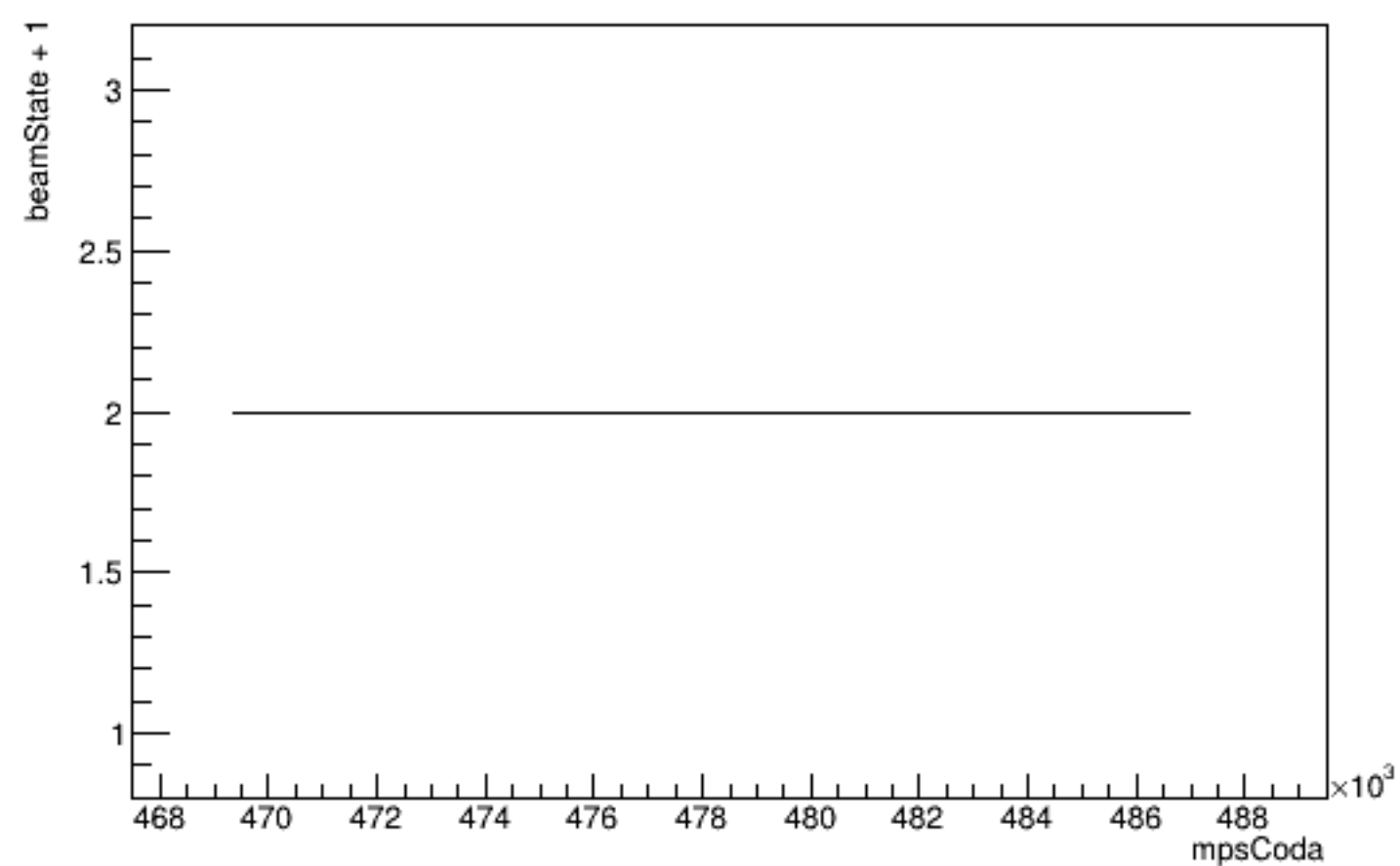
Acc0/NAcc0:mpsCoda (mpsCoda>=469341 && mpsCoda<=486952 && beamState==1)



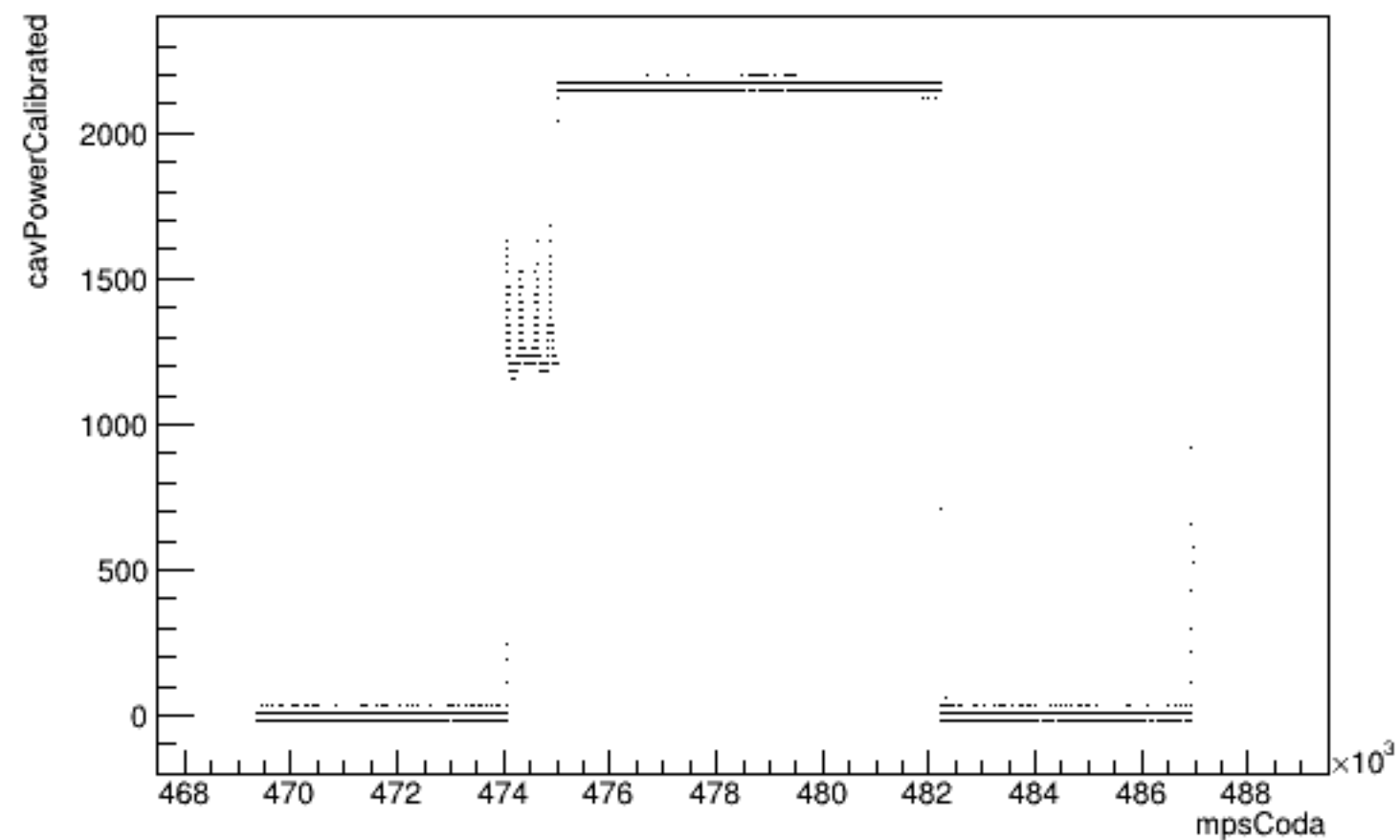
laserState:mpsCoda {mpsCoda>=469341 && mpsCoda<=486952}



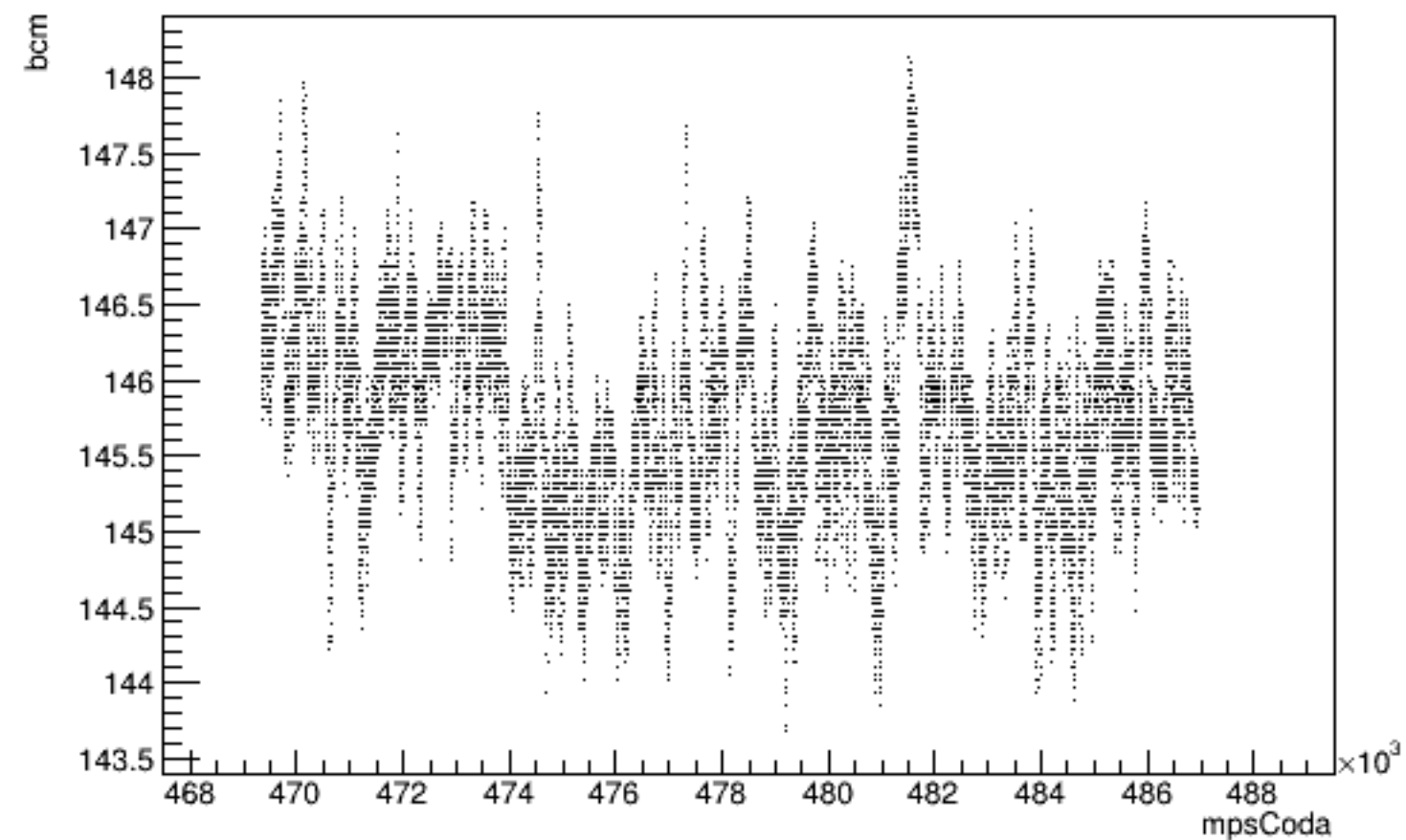
beamState + 1:mpsCoda {mpsCoda>=469341 && mpsCoda<=486952}



cavPowerCalibrated:mpsCoda {mpsCoda>=469341 && mpsCoda<=486952}



bcm:mpsCoda {mpsCoda>=469341 && mpsCoda<=486952}



Cycle 20, Diffs

Entries: 1178

Mean: -0.0199 +/- 0.0097

Std Dev: 0.3314 +/- 0.0068

Entries: 859

Mean: 0.5717 +/- 0.0153

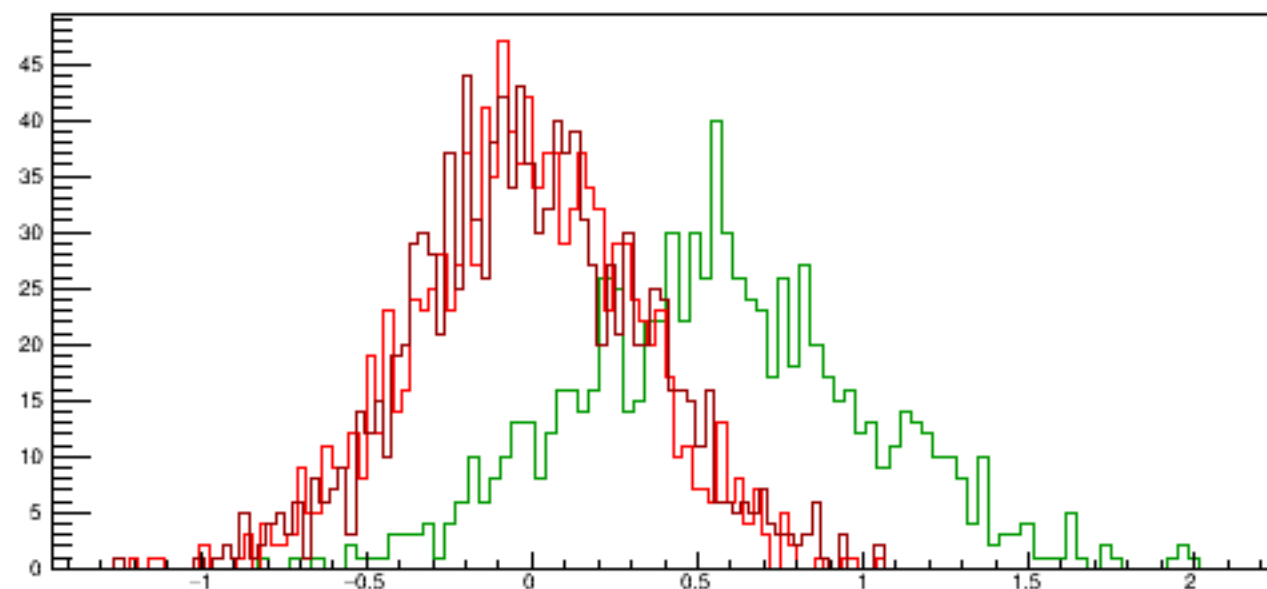
Std Dev: 0.4471 +/- 0.0108

Entries: 1179

Mean: -0.0035 +/- 0.0101

Std Dev: 0.3474 +/- 0.0072

Run 6154 quartetwise, Diffs



Cycle 20, Sums

Entries: 1178

Mean: 5.3966 +/- 0.0108

Std Dev: 0.3721 +/- 0.0077

Entries: 859

Mean: 24.6000 +/- 0.0330

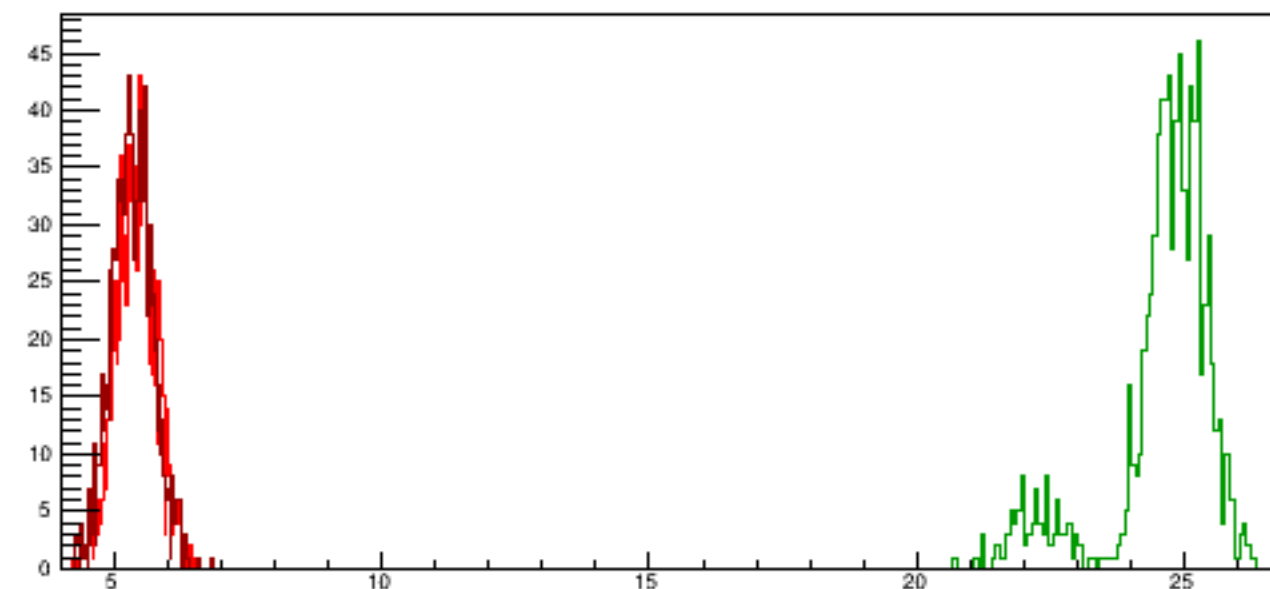
Std Dev: 0.9683 +/- 0.0234

Entries: 1179

Mean: 5.3332 +/- 0.0109

Std Dev: 0.3753 +/- 0.0077

Run 6154 quartetwise, Sums



Cycle 20, Asyms

Entries: 1178

Mean: -0.0010 +/- 0.0005

Std Dev: 0.0172 +/- 0.0004

Entries: 859

Mean: 0.0297 +/- 0.0008

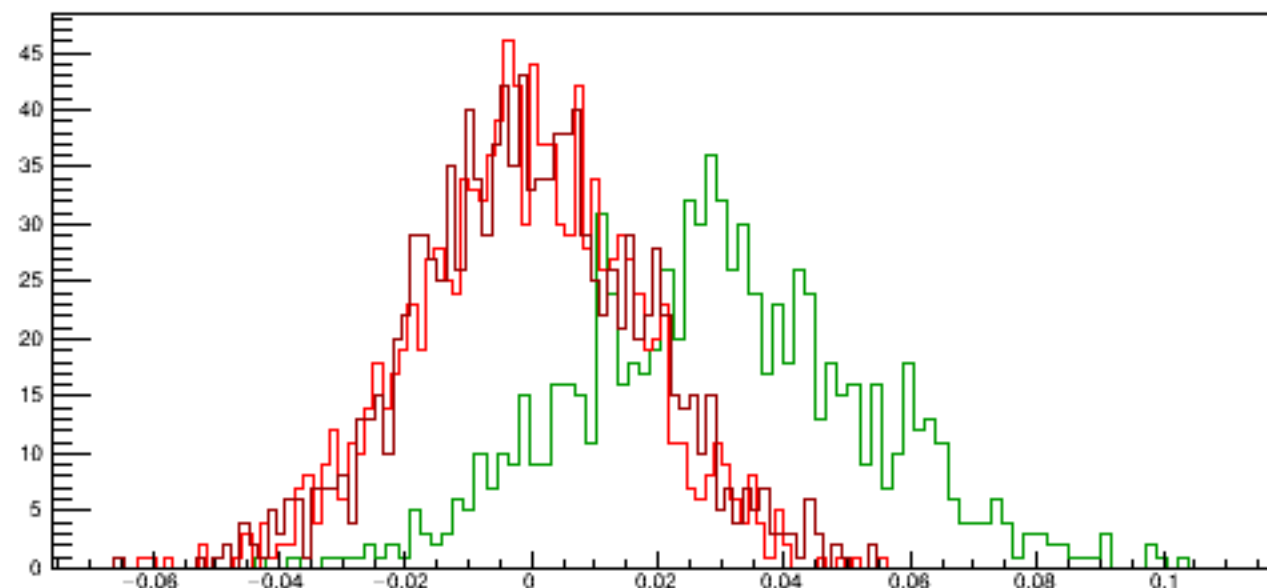
Std Dev: 0.0232 +/- 0.0006

Entries: 1179

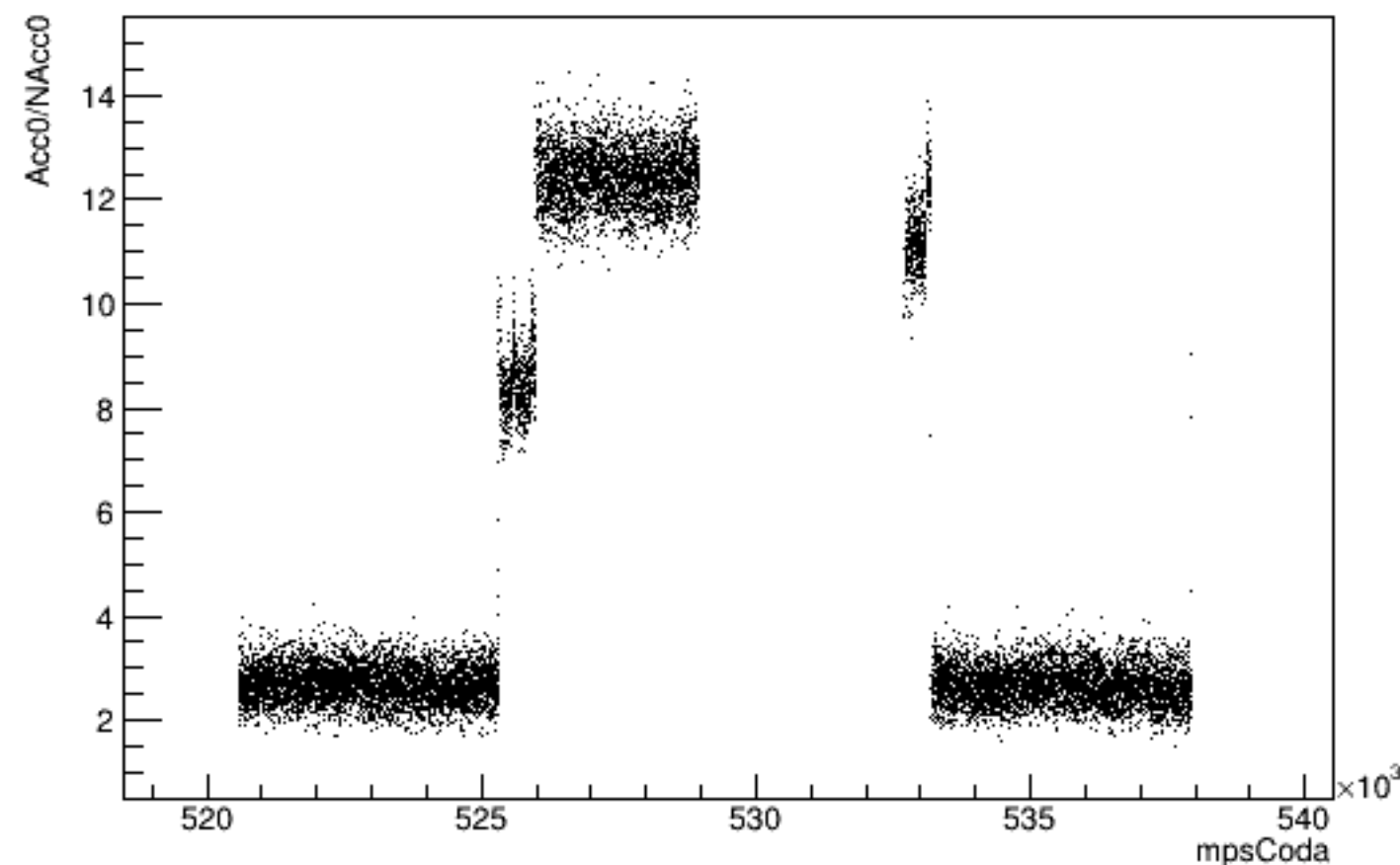
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0181 +/- 0.0004

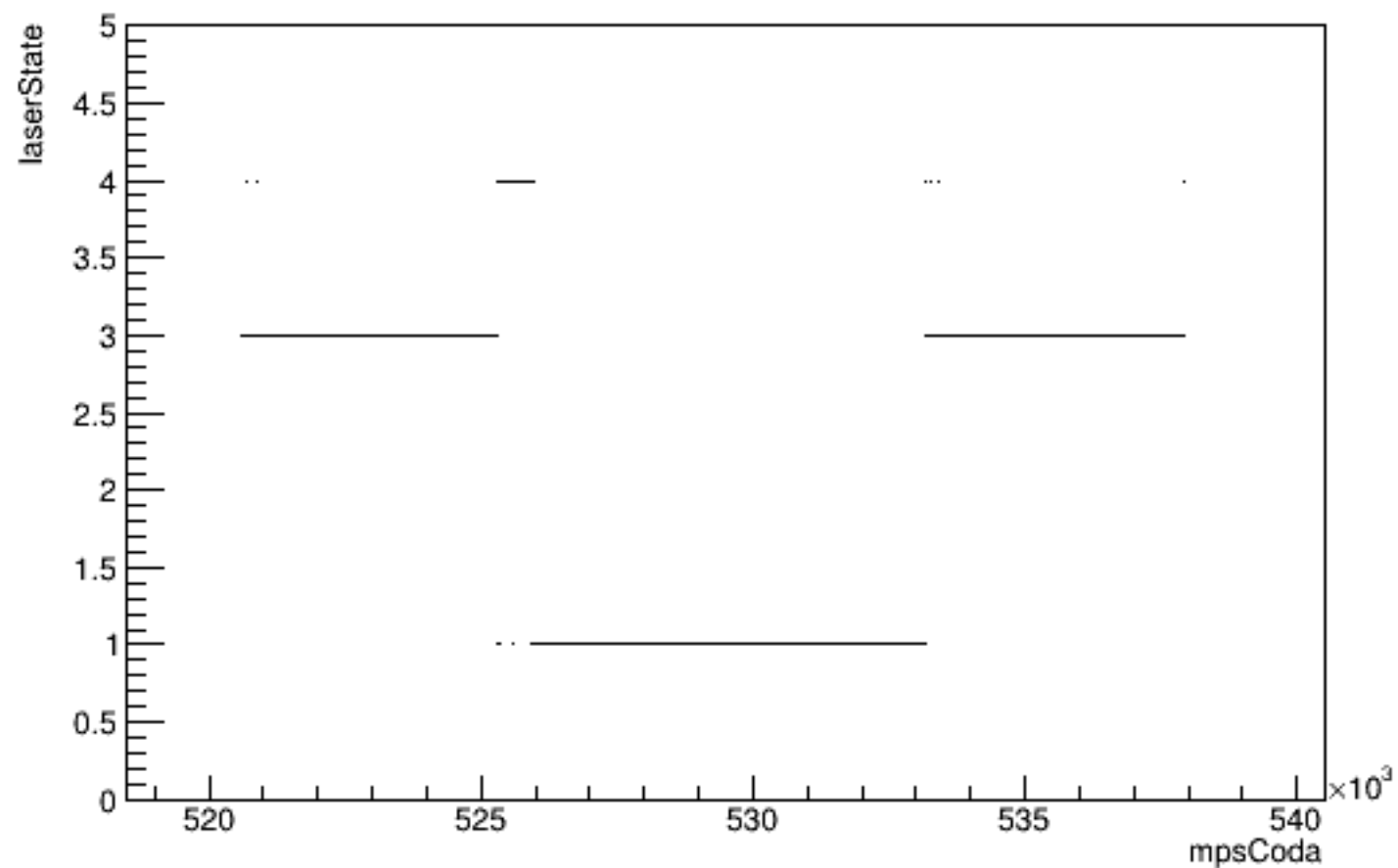
Run 6154 quartetwise, Asyms



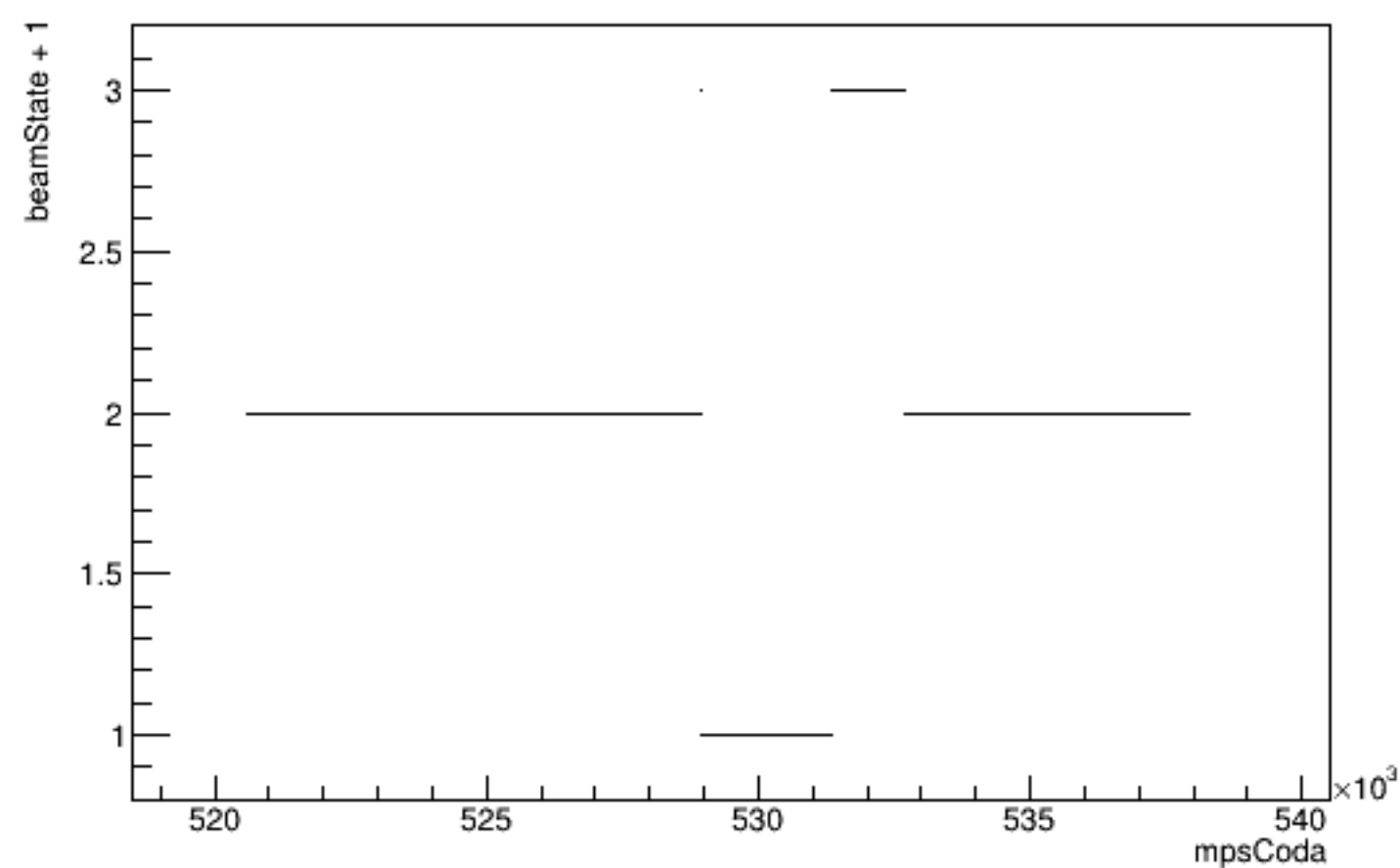
Acc0/NAcc0:mpsCoda (mpsCoda>=520573 && mpsCoda<=537924 && beamState==1)



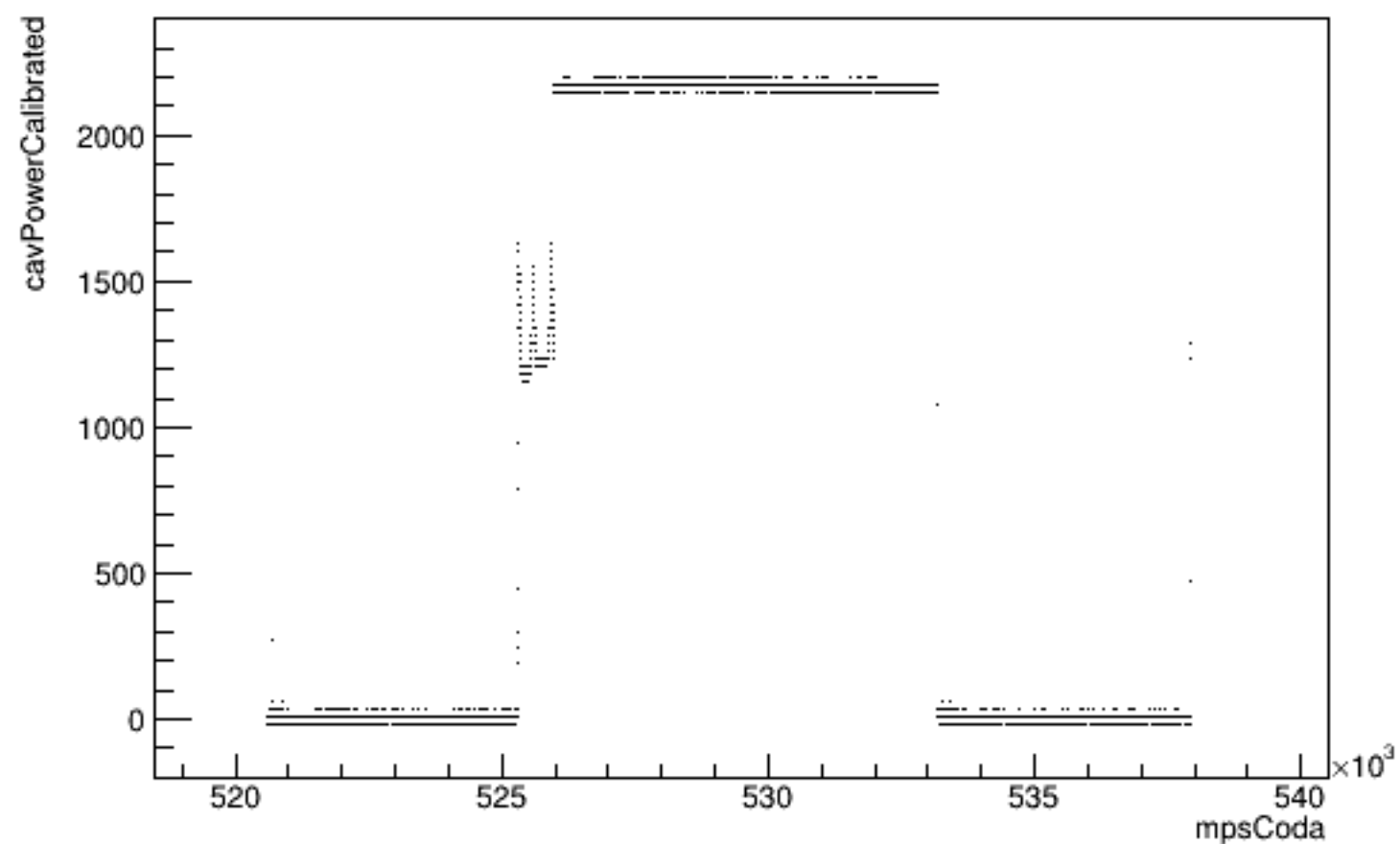
laserState:mpsCoda {mpsCoda>=520573 && mpsCoda<=537924}



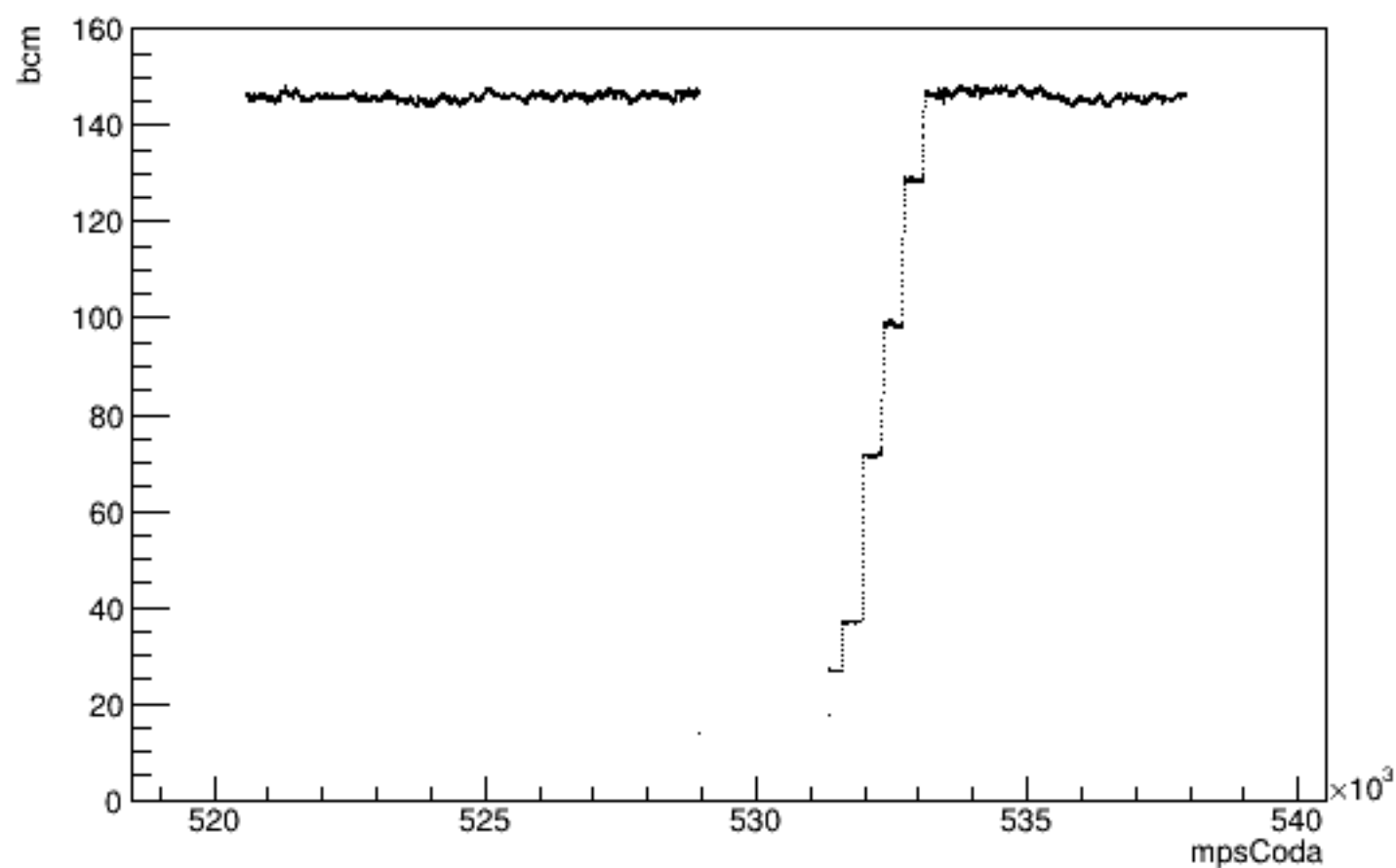
beamState + 1:mpsCoda {mpsCoda>=520573 && mpsCoda<=537924}



cavPowerCalibrated:mpsCoda {mpsCoda>=520573 && mpsCoda<=537924}



bcm:mpsCoda {mpsCoda>=520573 && mpsCoda<=537924}



Cycle 21, Diffs

Entries: 1753

Mean: -0.0172 +/- 0.0084

Std Dev: 0.3522 +/- 0.0059

Entries: 737

Mean: 0.6032 +/- 0.0168

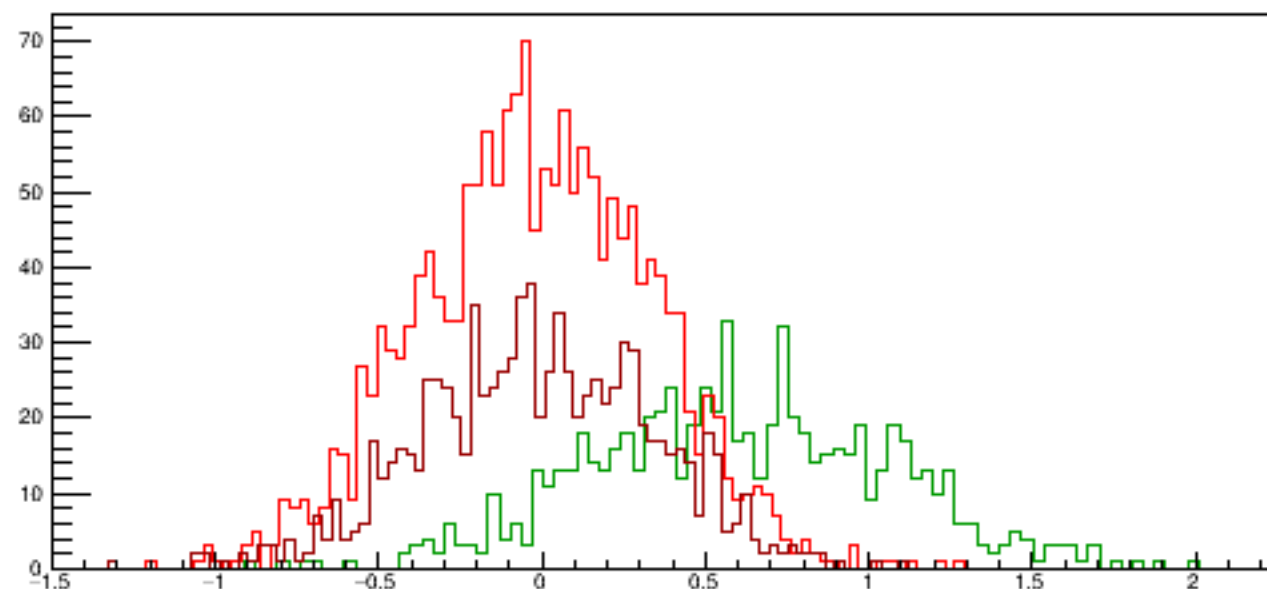
Std Dev: 0.4570 +/- 0.0119

Entries: 925

Mean: -0.0098 +/- 0.0117

Std Dev: 0.3555 +/- 0.0083

Run 6154 quartetwise, Diffs



Cycle 21, Sums

Entries: 1753

Mean: 5.4574 +/- 0.0092

Std Dev: 0.3854 +/- 0.0065

Entries: 737

Mean: 24.3393 +/- 0.0385

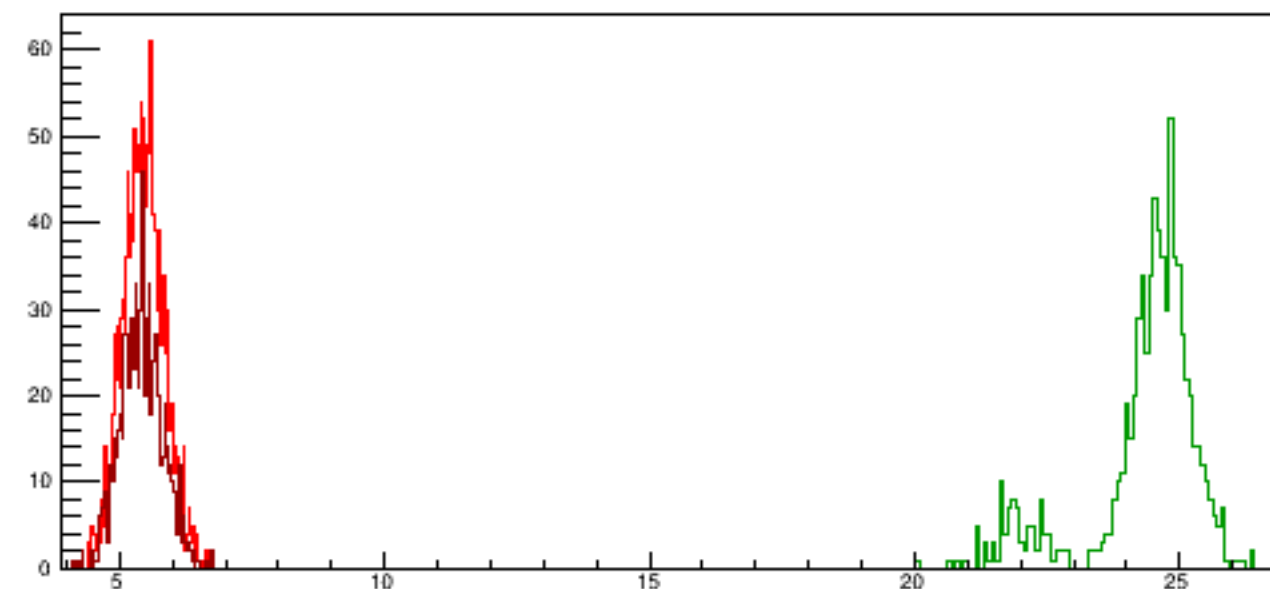
Std Dev: 1.0444 +/- 0.0272

Entries: 925

Mean: 5.4216 +/- 0.0128

Std Dev: 0.3906 +/- 0.0091

Run 6154 quartetwise, Sums



Cycle 21, Asyms

Entries: 1753

Mean: -0.0009 +/- 0.0004

Std Dev: 0.0186 +/- 0.0003

Entries: 737

Mean: 0.0320 +/- 0.0009

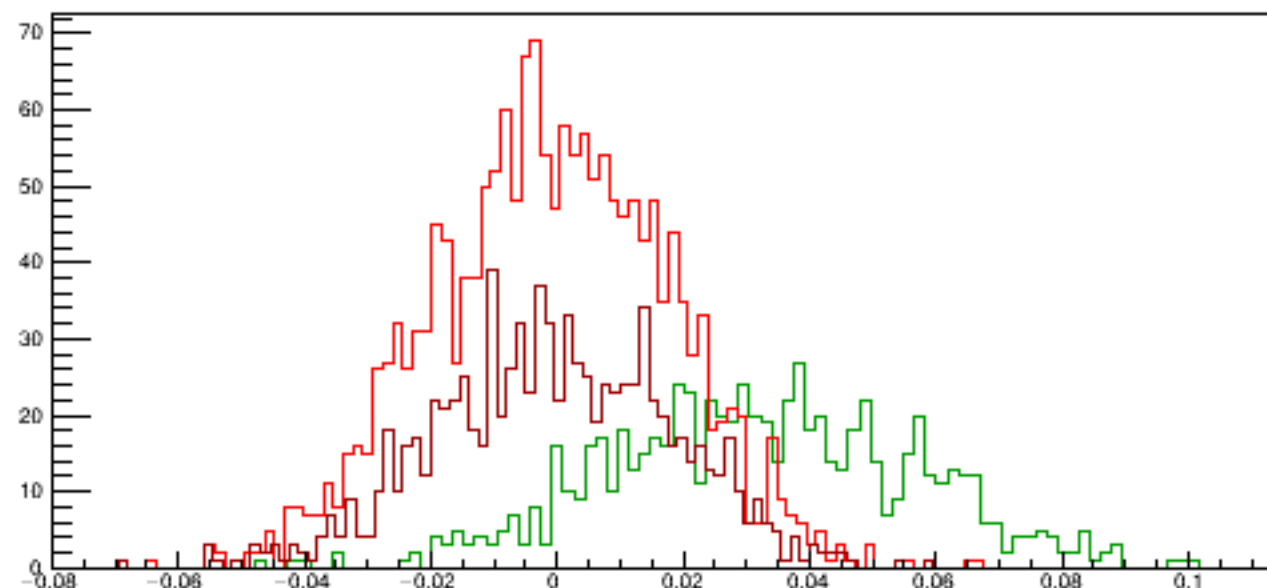
Std Dev: 0.0243 +/- 0.0006

Entries: 925

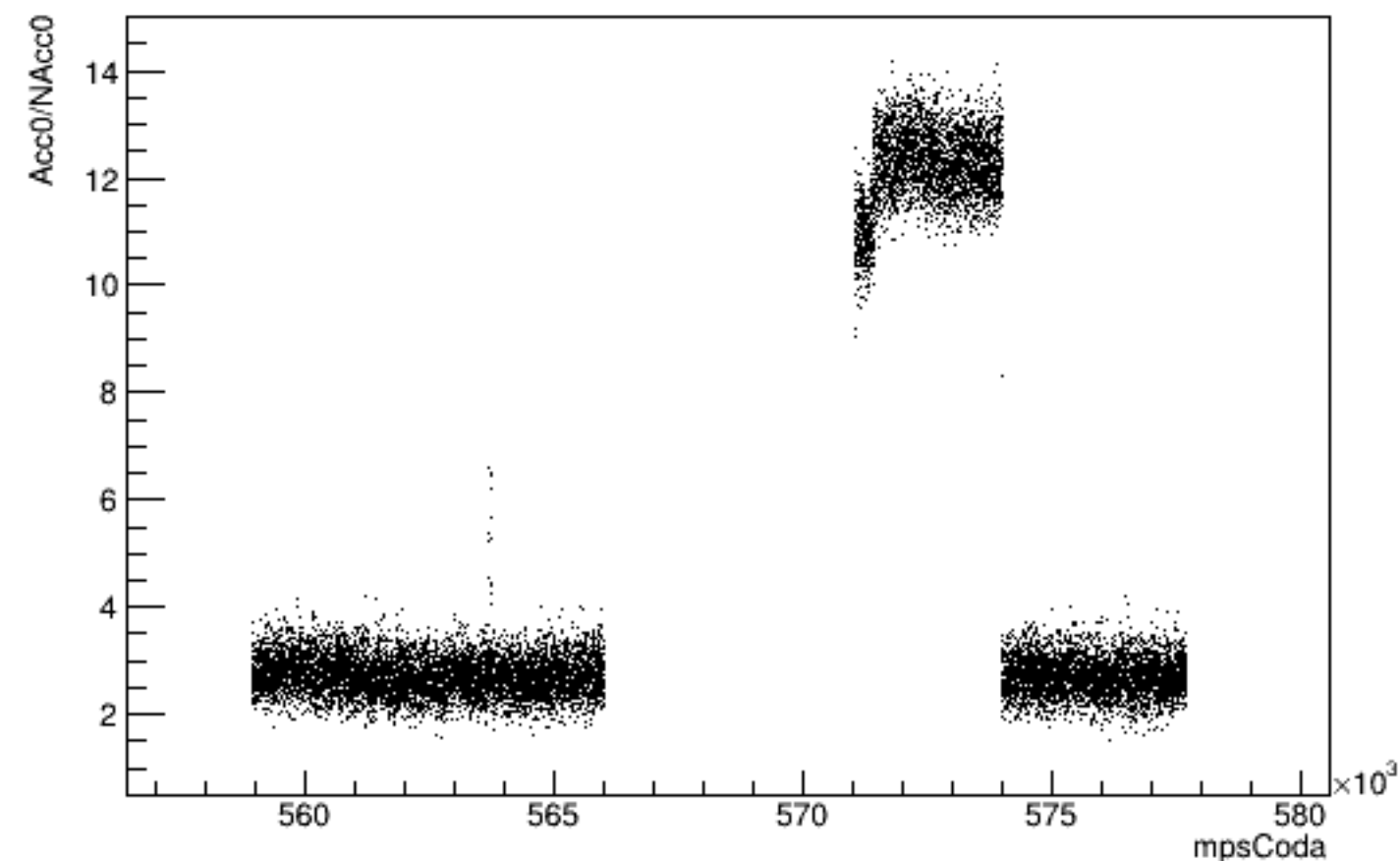
Mean: -0.0005 +/- 0.0006

Std Dev: 0.0188 +/- 0.0004

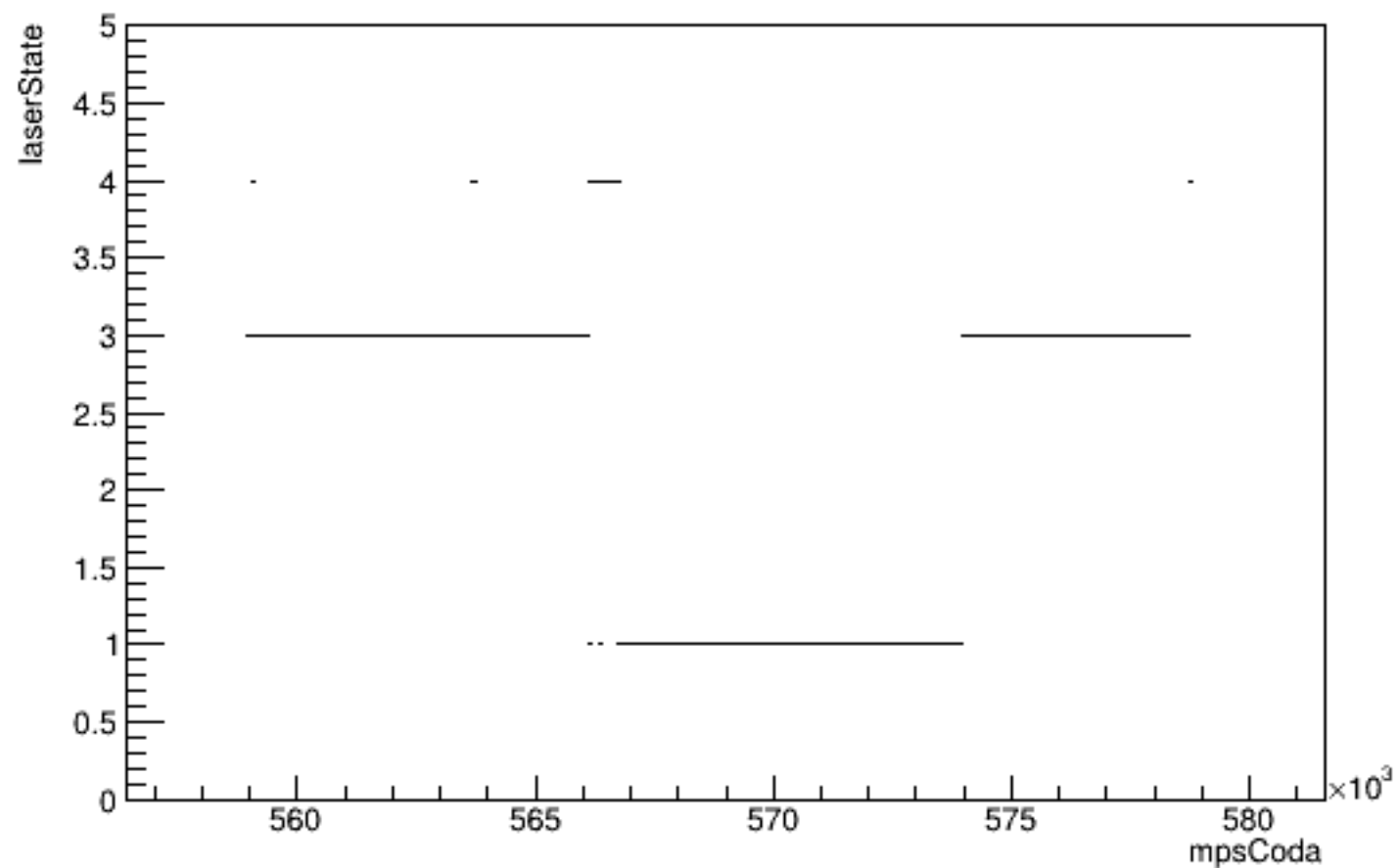
Run 6154 quartetwise, Asyms



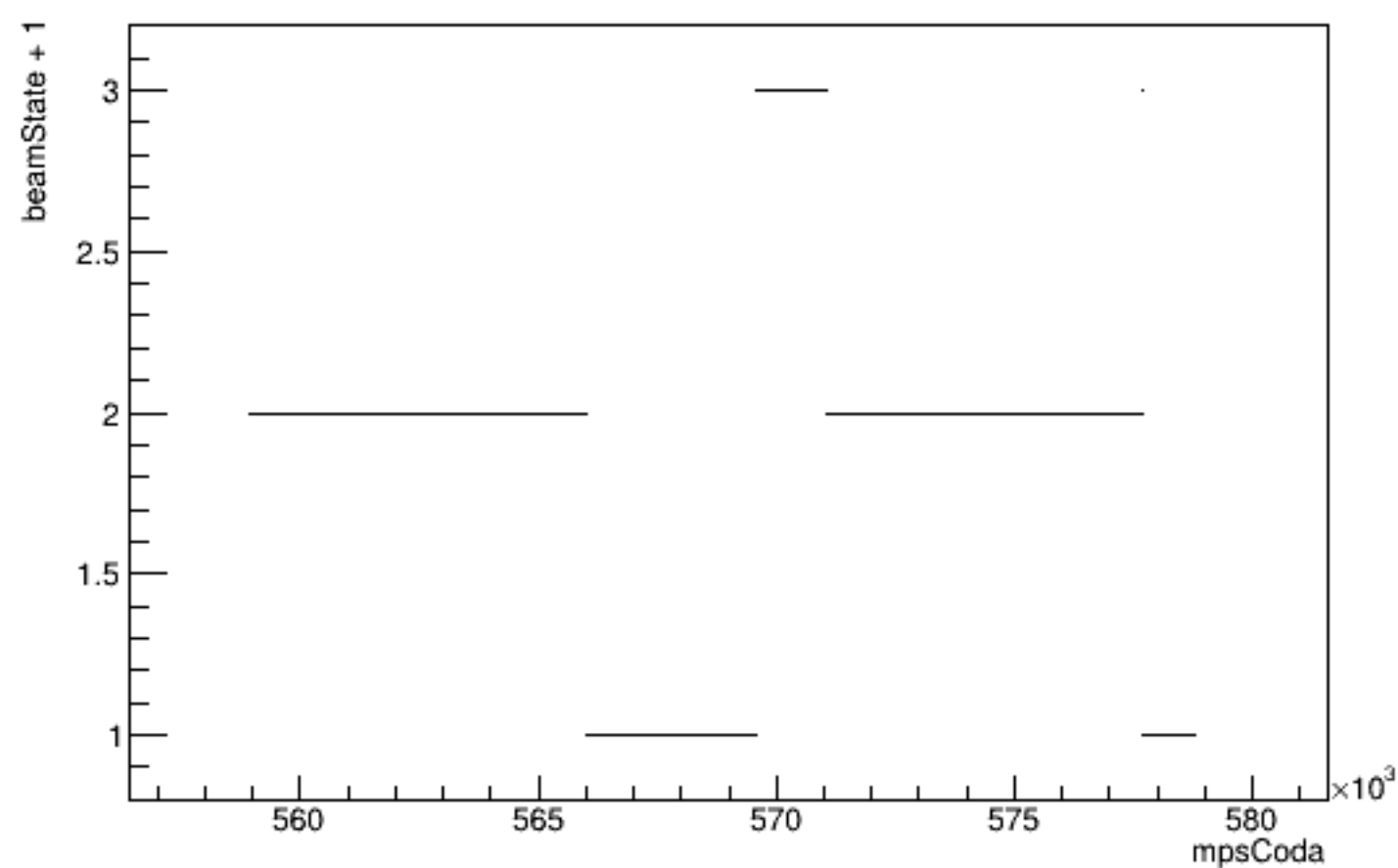
Acc0/NAcc0:mpsCoda (mpsCoda>=558933 && mpsCoda<=578768 && beamState==1)



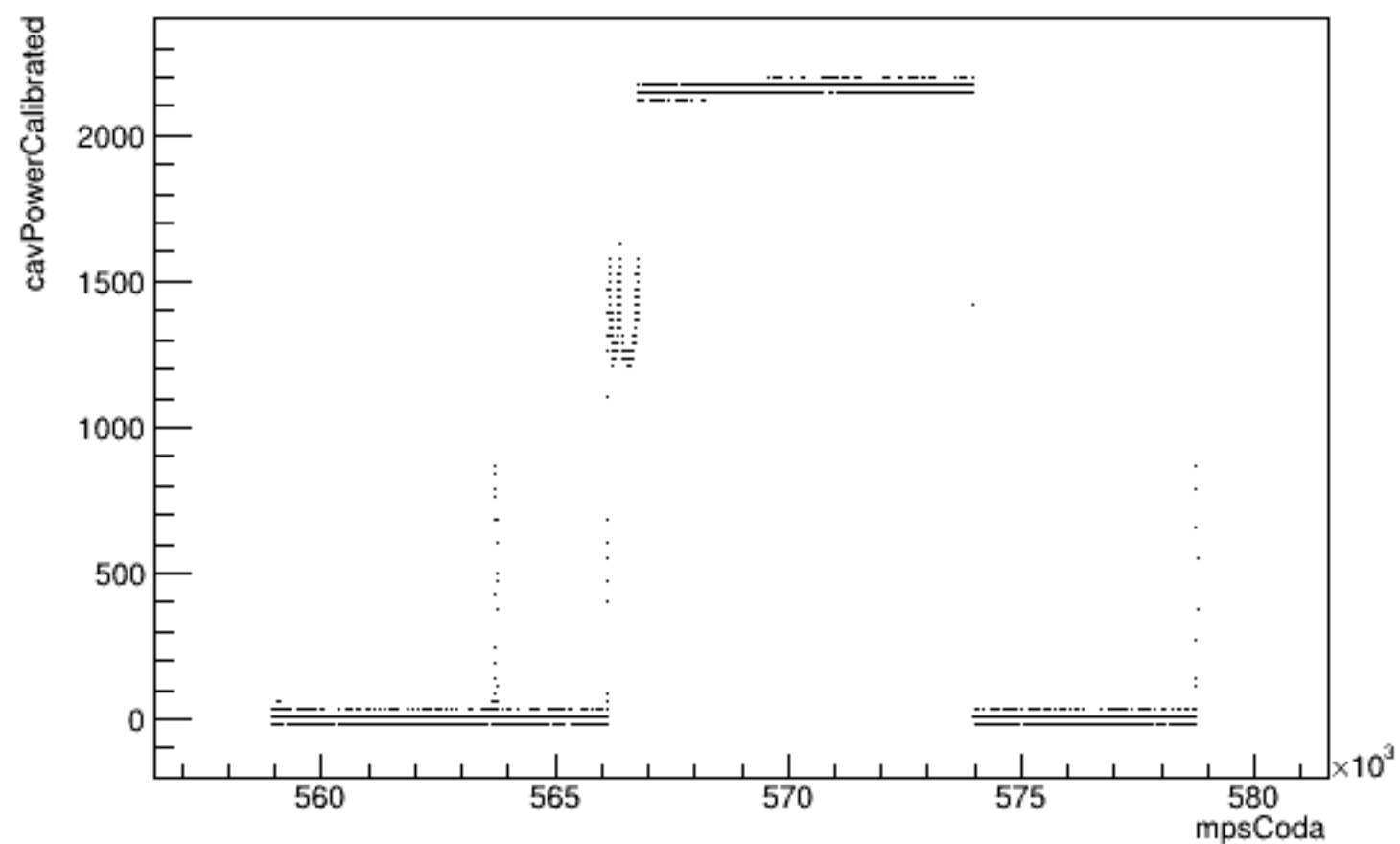
laserState:mpsCoda {mpsCoda>=558933 && mpsCoda<=578768}



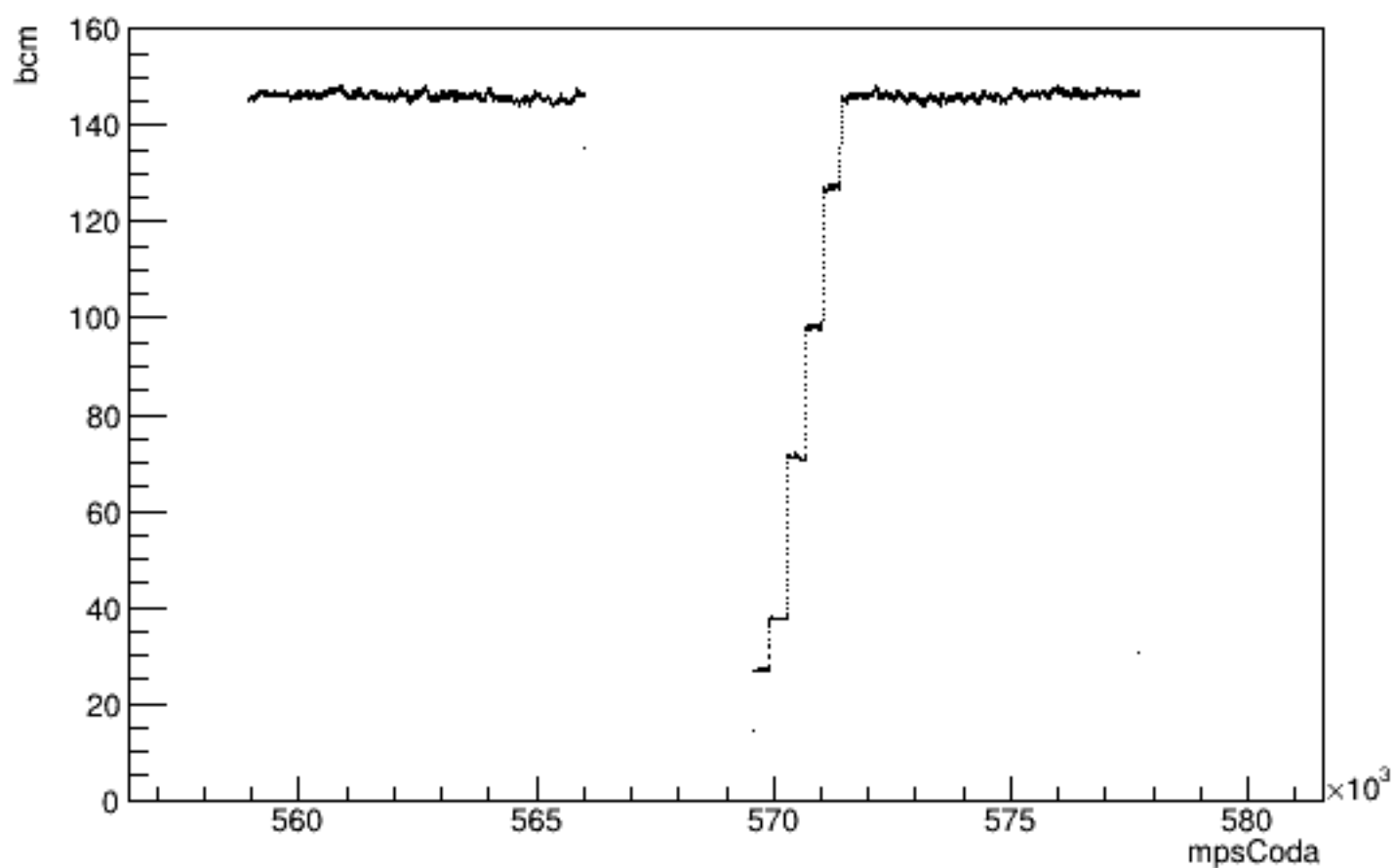
beamState + 1:mpsCoda {mpsCoda>=558933 && mpsCoda<=578768}



cavPowerCalibrated:mpsCoda {mpsCoda>=558933 && mpsCoda<=578768}



bcm:mpsCoda {mpsCoda>=558933 && mpsCoda<=578768}



Cycle 22, Diffs

Entries: 1184

Mean: -0.0199 +/- 0.0102

Std Dev: 0.3520 +/- 0.0072

Entries: 1801

Mean: 0.5925 +/- 0.0111

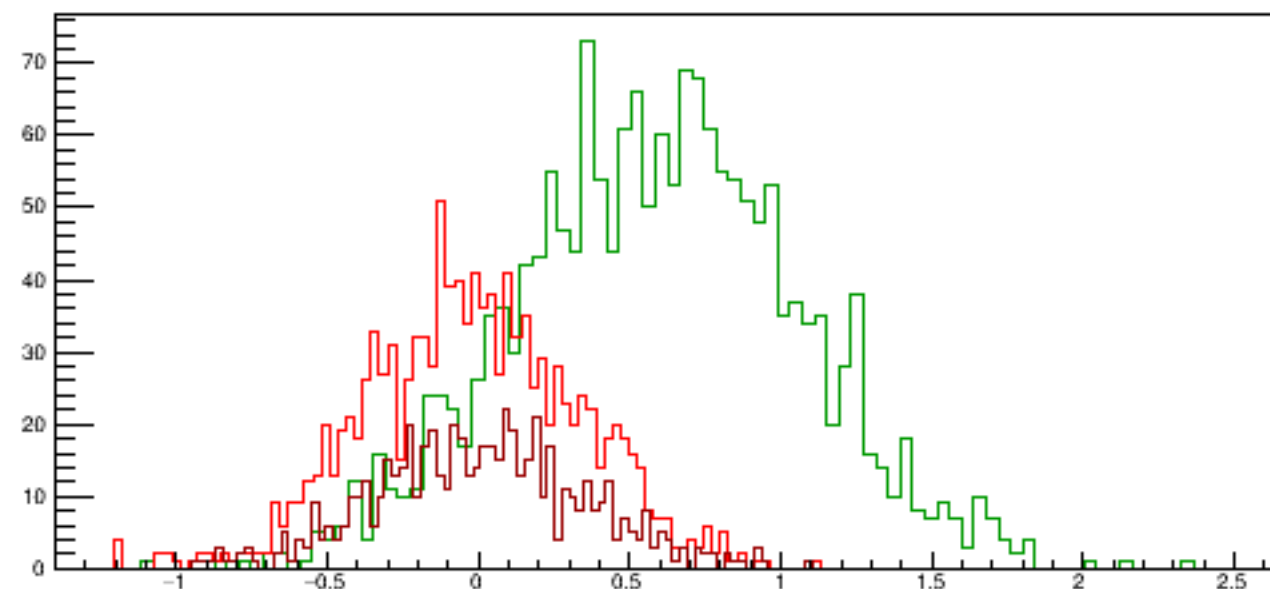
Std Dev: 0.4706 +/- 0.0078

Entries: 603

Mean: 0.0037 +/- 0.0142

Std Dev: 0.3483 +/- 0.0100

Run 6154 quartetwise, Diffs



Cycle 22, Sums

Entries: 1184

Mean: 5.6069 +/- 0.0115

Std Dev: 0.3953 +/- 0.0081

Entries: 1801

Mean: 24.8349 +/- 0.0126

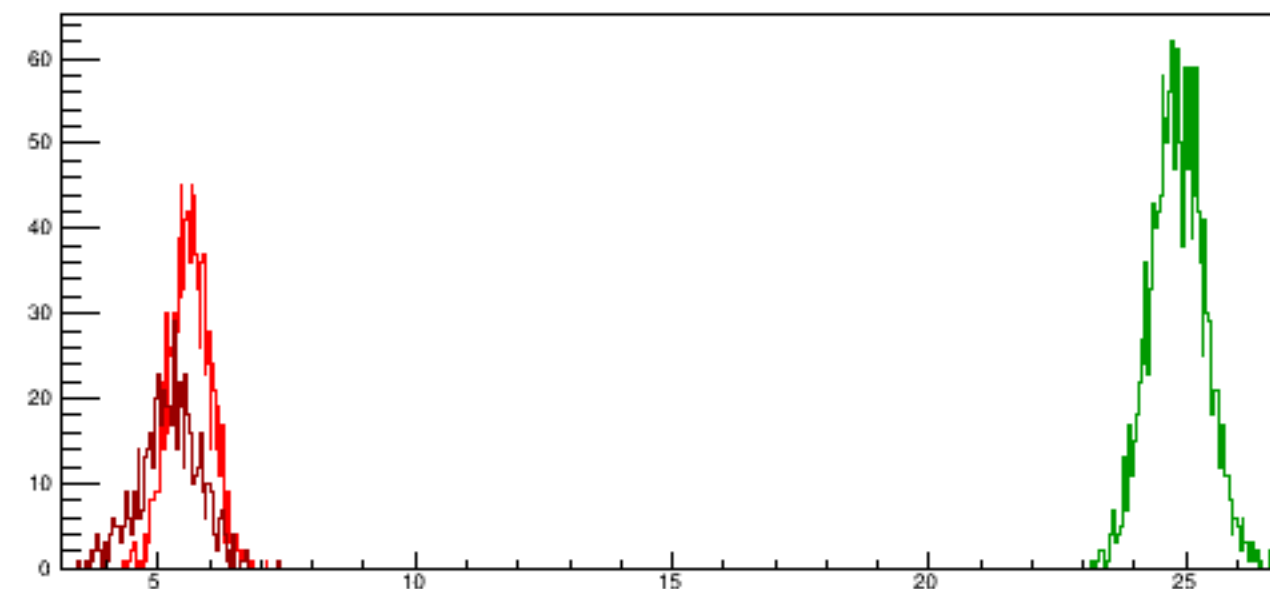
Std Dev: 0.5346 +/- 0.0089

Entries: 603

Mean: 5.2115 +/- 0.0238

Std Dev: 0.5851 +/- 0.0168

Run 6154 quartetwise, Sums



Cycle 22, Asyms

Entries: 1184

Mean: -0.0010 +/- 0.0005

Std Dev: 0.0181 +/- 0.0004

Entries: 1801

Mean: 0.0305 +/- 0.0006

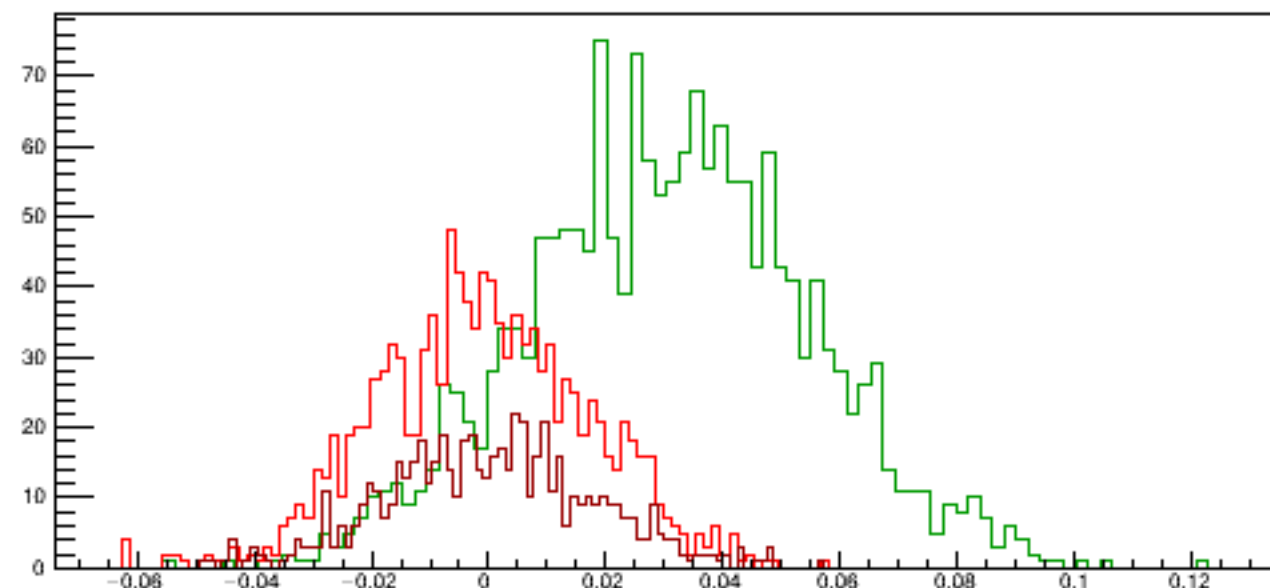
Std Dev: 0.0242 +/- 0.0004

Entries: 603

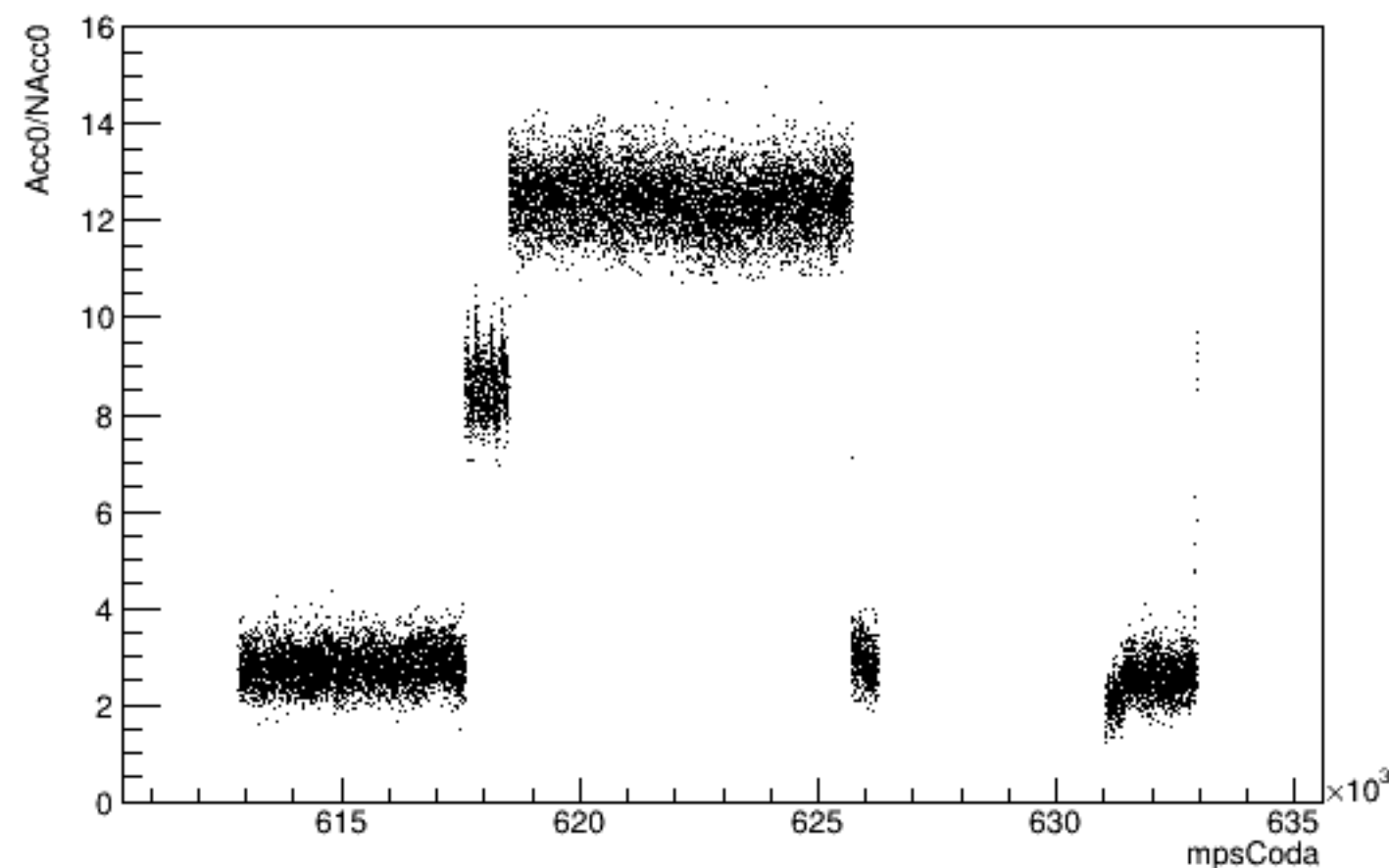
Mean: 0.0002 +/- 0.0007

Std Dev: 0.0179 +/- 0.0005

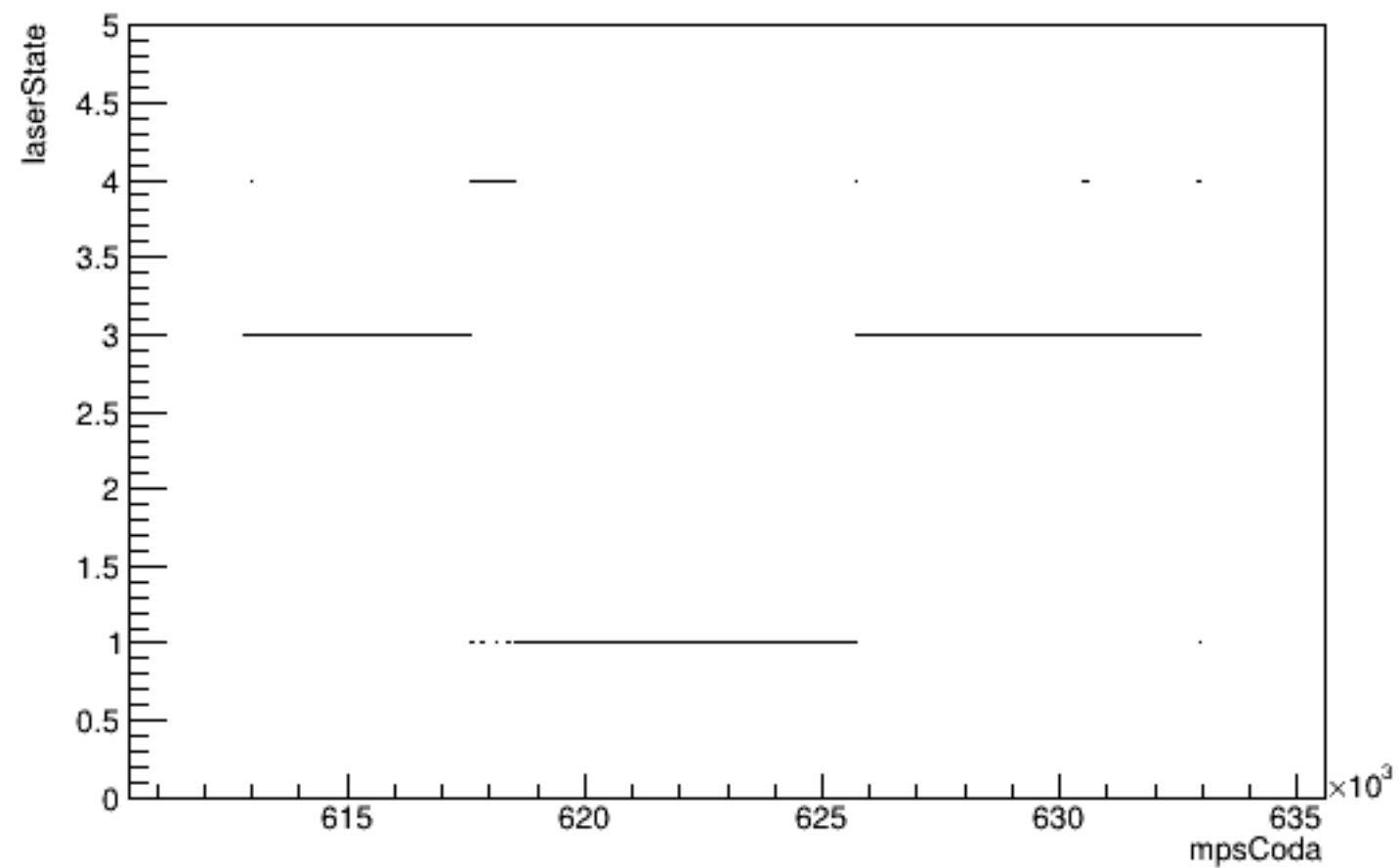
Run 6154 quartetwise, Asyms



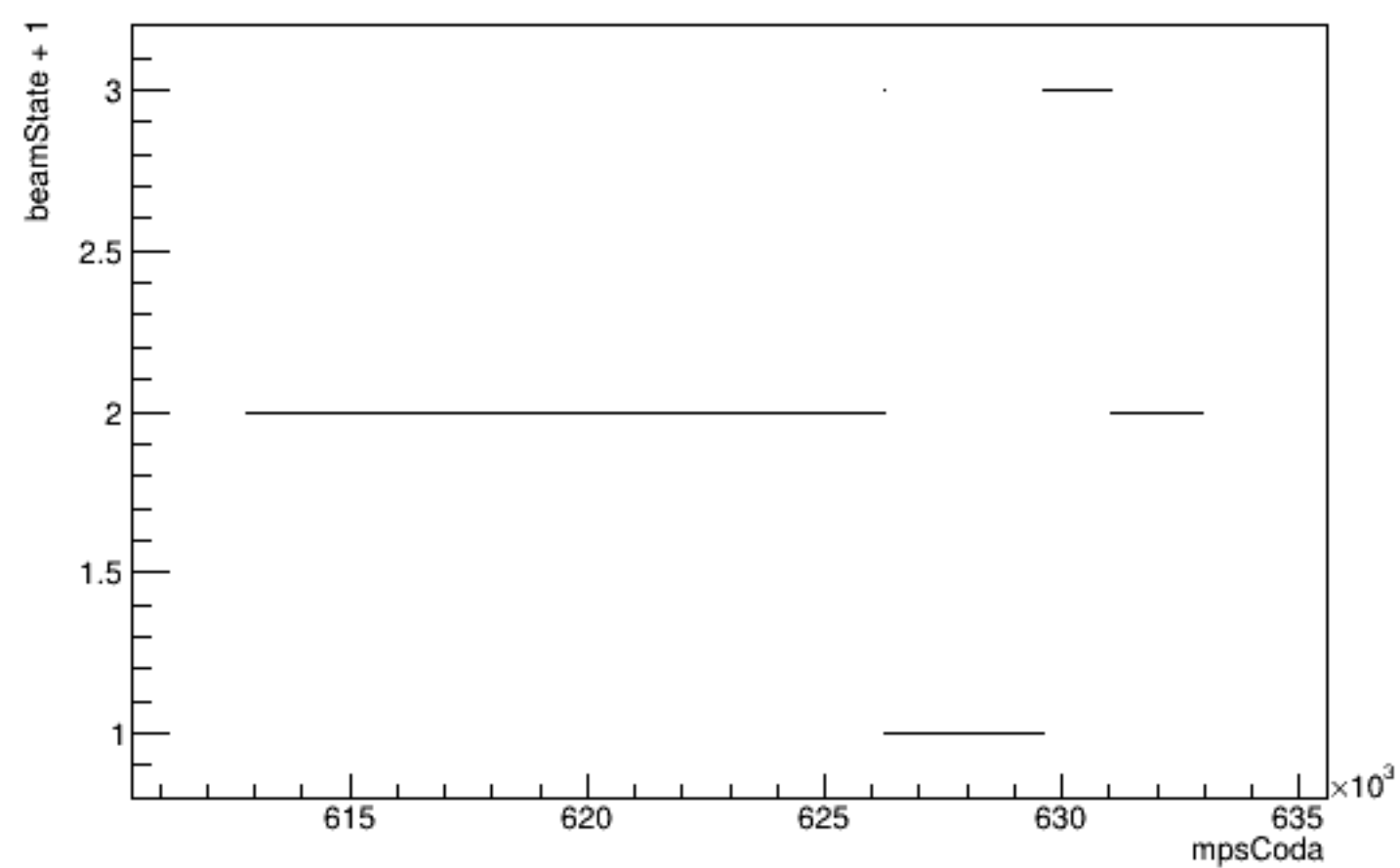
Acc0/NAcc0:mpsCoda (mpsCoda>=612845 && mpsCoda<=632956 && beamState==1)



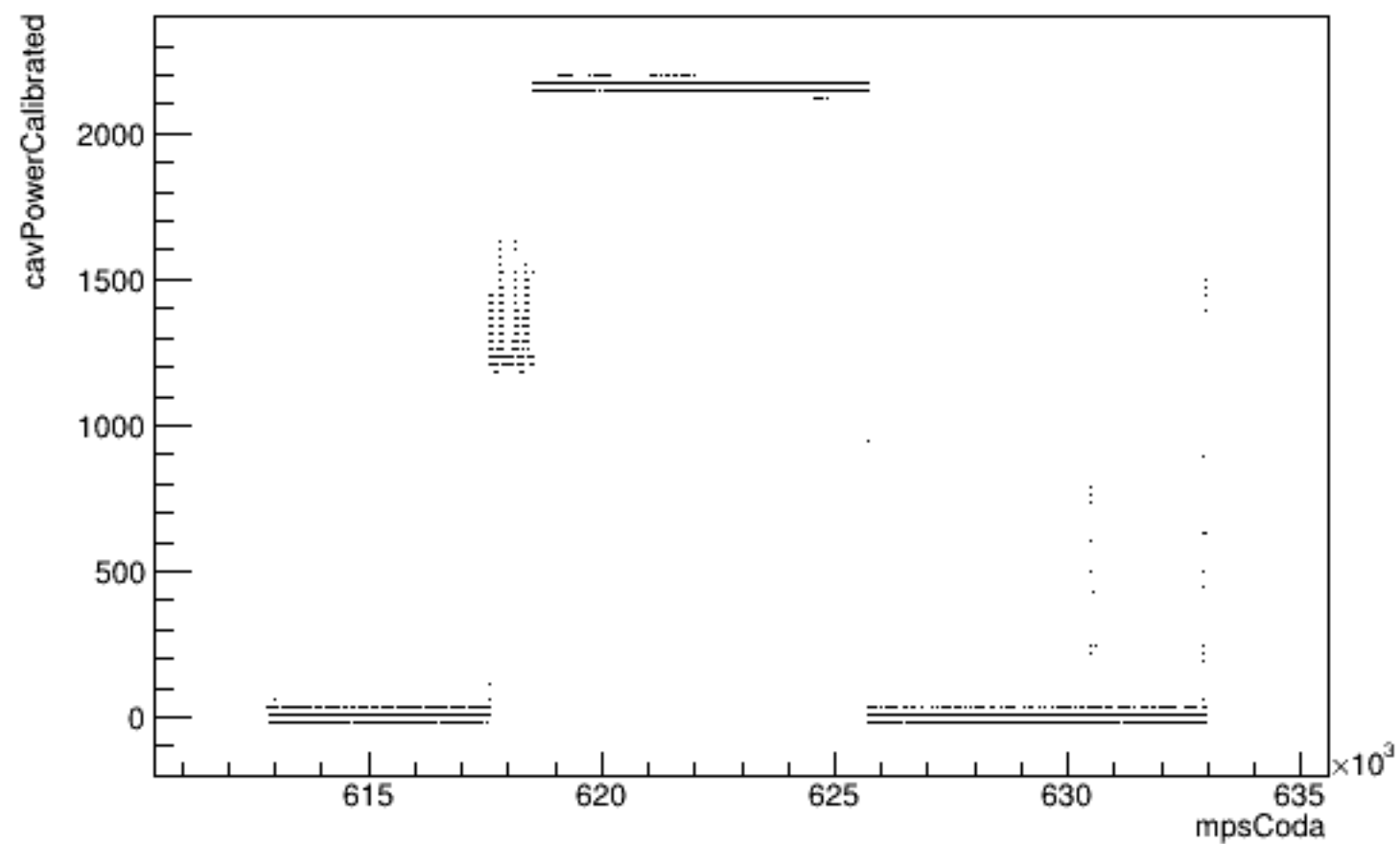
laserState:mpsCoda {mpsCoda>=612845 && mpsCoda<=632956}



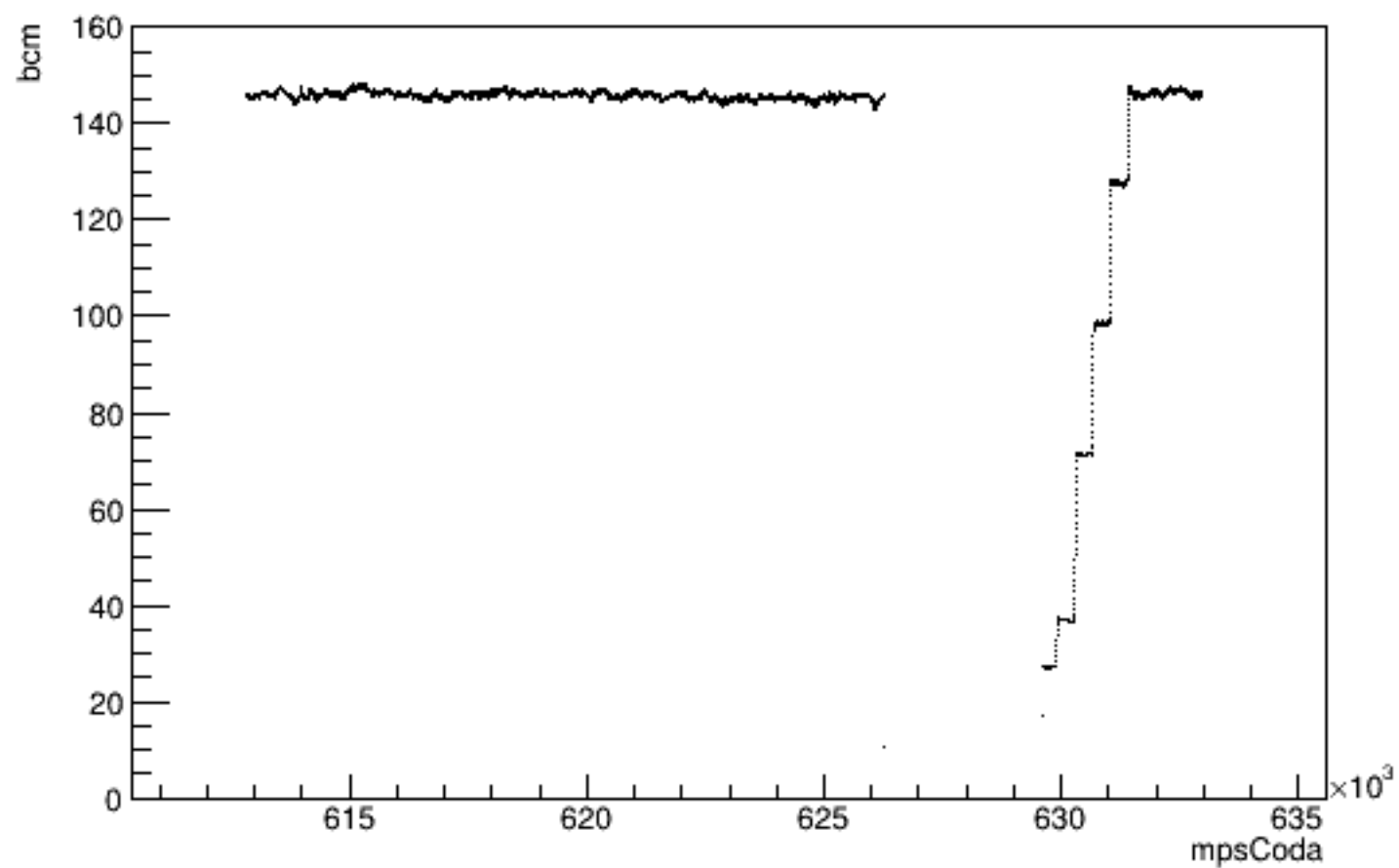
beamState + 1:mpsCoda {mpsCoda>=612845 && mpsCoda<=632956}



cavPowerCalibrated:mpsCoda {mpsCoda>=612845 && mpsCoda<=632956}



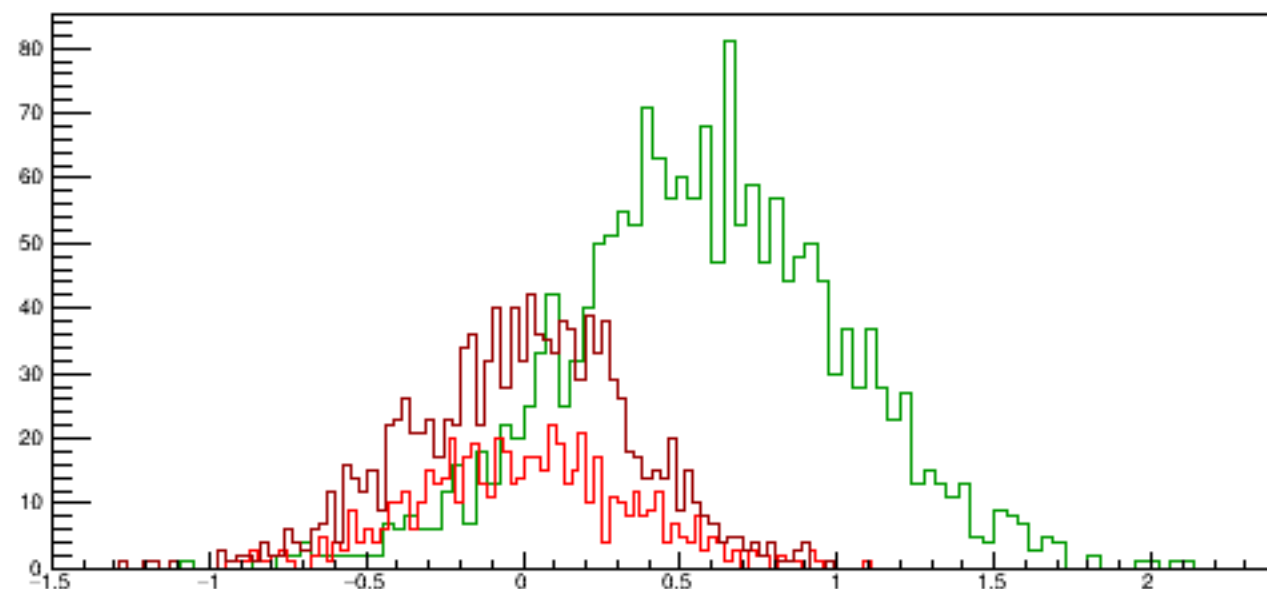
bcm:mpsCoda {mpsCoda>=612845 && mpsCoda<=632956}



Cycle 23, Diffs

Entries: 603	Entries: 1801	Entries: 1190
Mean: 0.0037 +/- 0.0142	Mean: 0.5779 +/- 0.0105	Mean: -0.0066 +/- 0.0101
Std Dev: 0.3483 +/- 0.0100	Std Dev: 0.4453 +/- 0.0074	Std Dev: 0.3499 +/- 0.0072

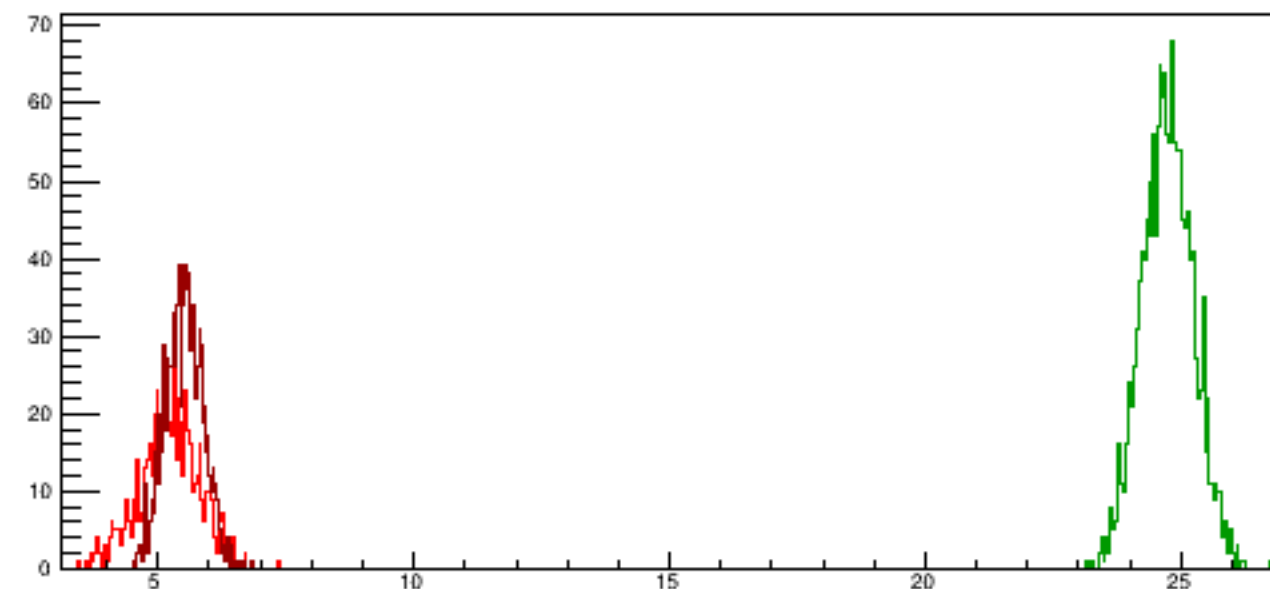
Run 6154 quartetwise, Diffs



Cycle 23, Sums

Entries: 603	Entries: 1801	Entries: 1190
Mean: 5.2115 +/- 0.0238	Mean: 24.7357 +/- 0.0116	Mean: 5.5100 +/- 0.0106
Std Dev: 0.5851 +/- 0.0168	Std Dev: 0.4934 +/- 0.0082	Std Dev: 0.3661 +/- 0.0075

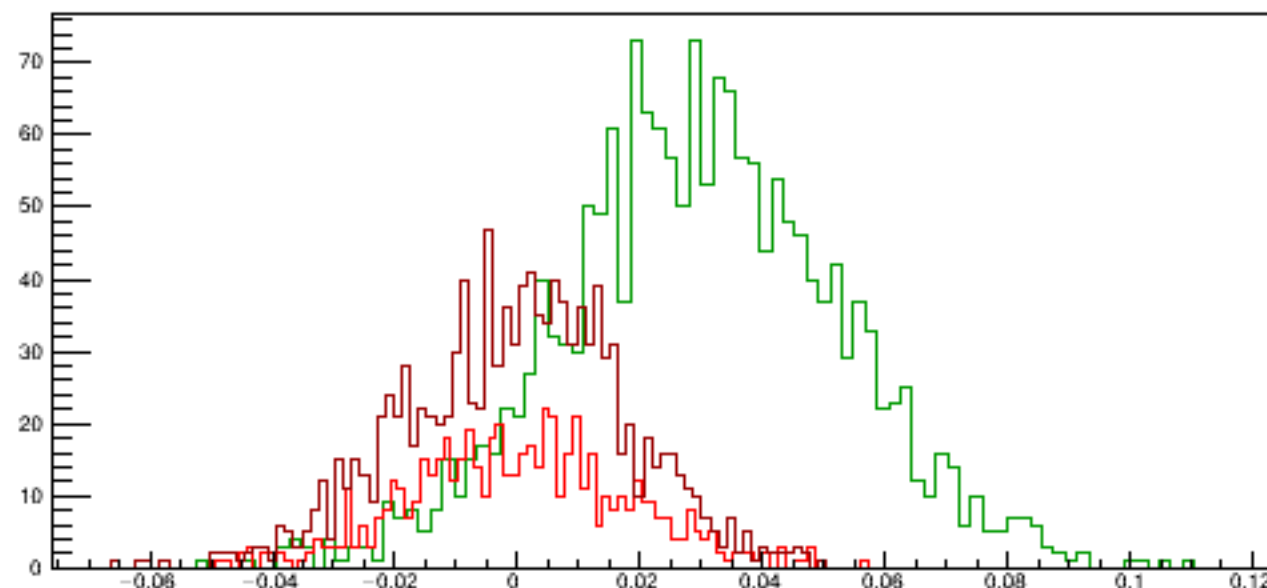
Run 6154 quartetwise, Sums



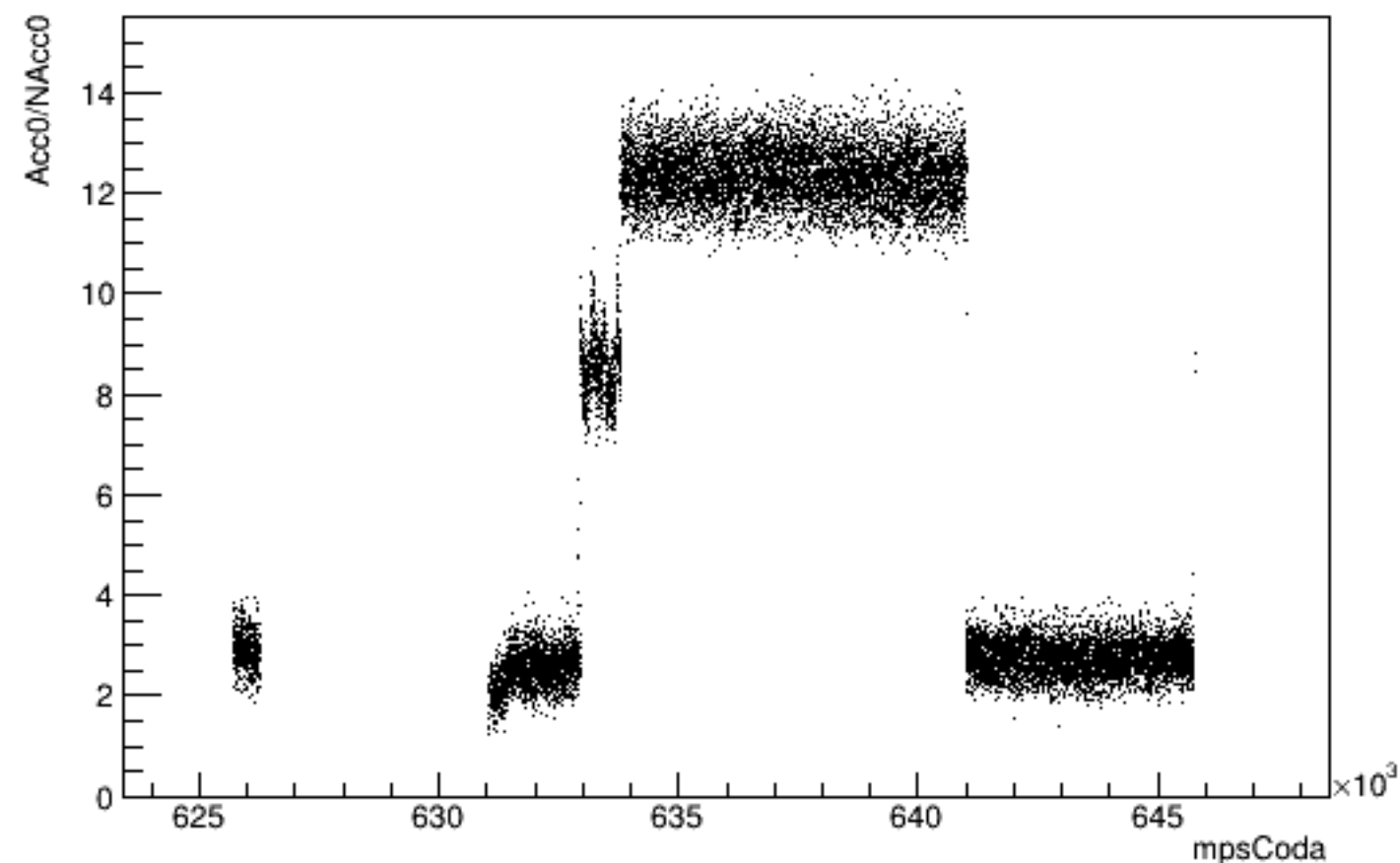
Cycle 23, Asyms

Entries: 603	Entries: 1801	Entries: 1190
Mean: 0.0002 +/- 0.0007	Mean: 0.0298 +/- 0.0005	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0180 +/- 0.0005	Std Dev: 0.0230 +/- 0.0004	Std Dev: 0.0181 +/- 0.0004

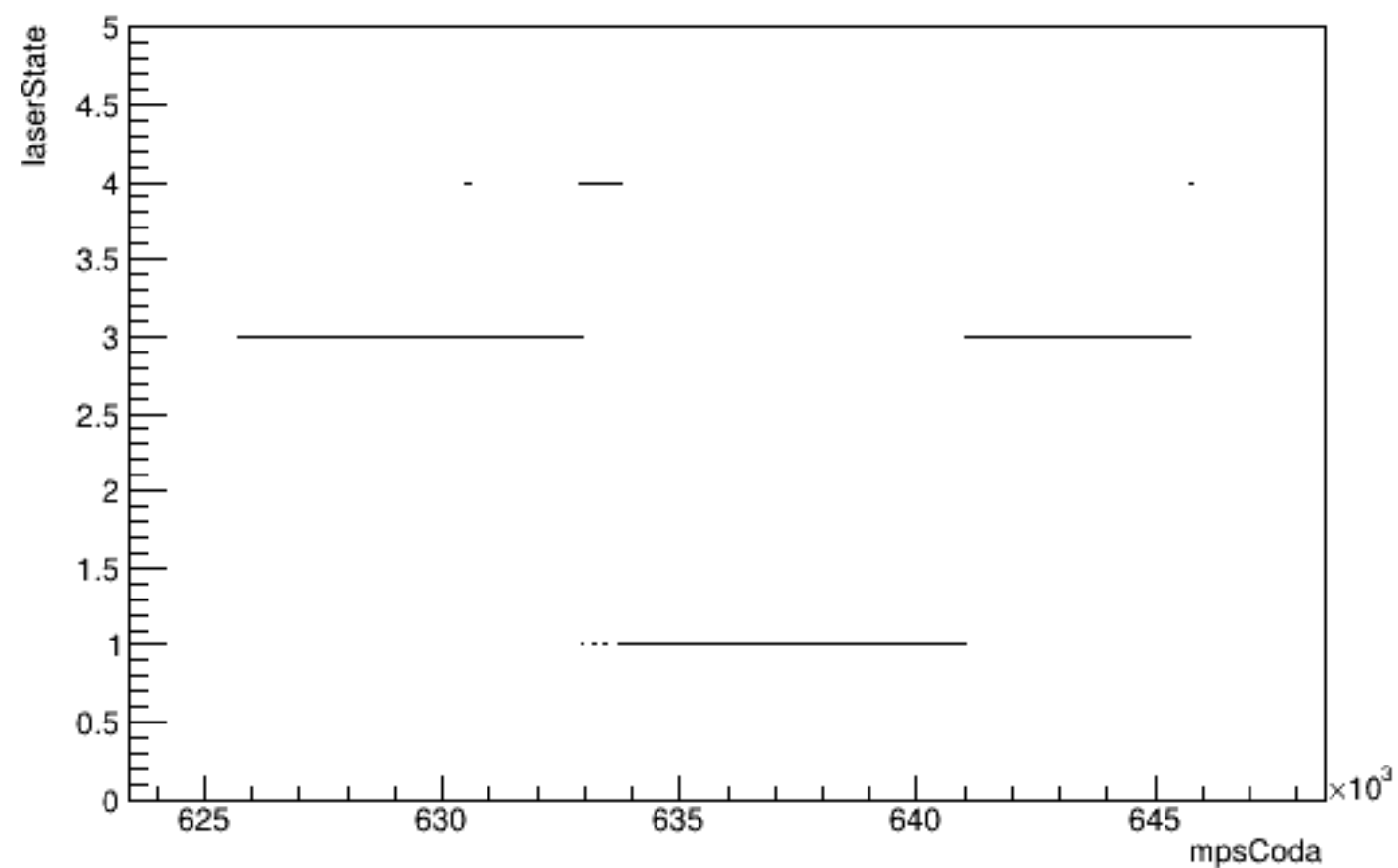
Run 6154 quartetwise, Asyms



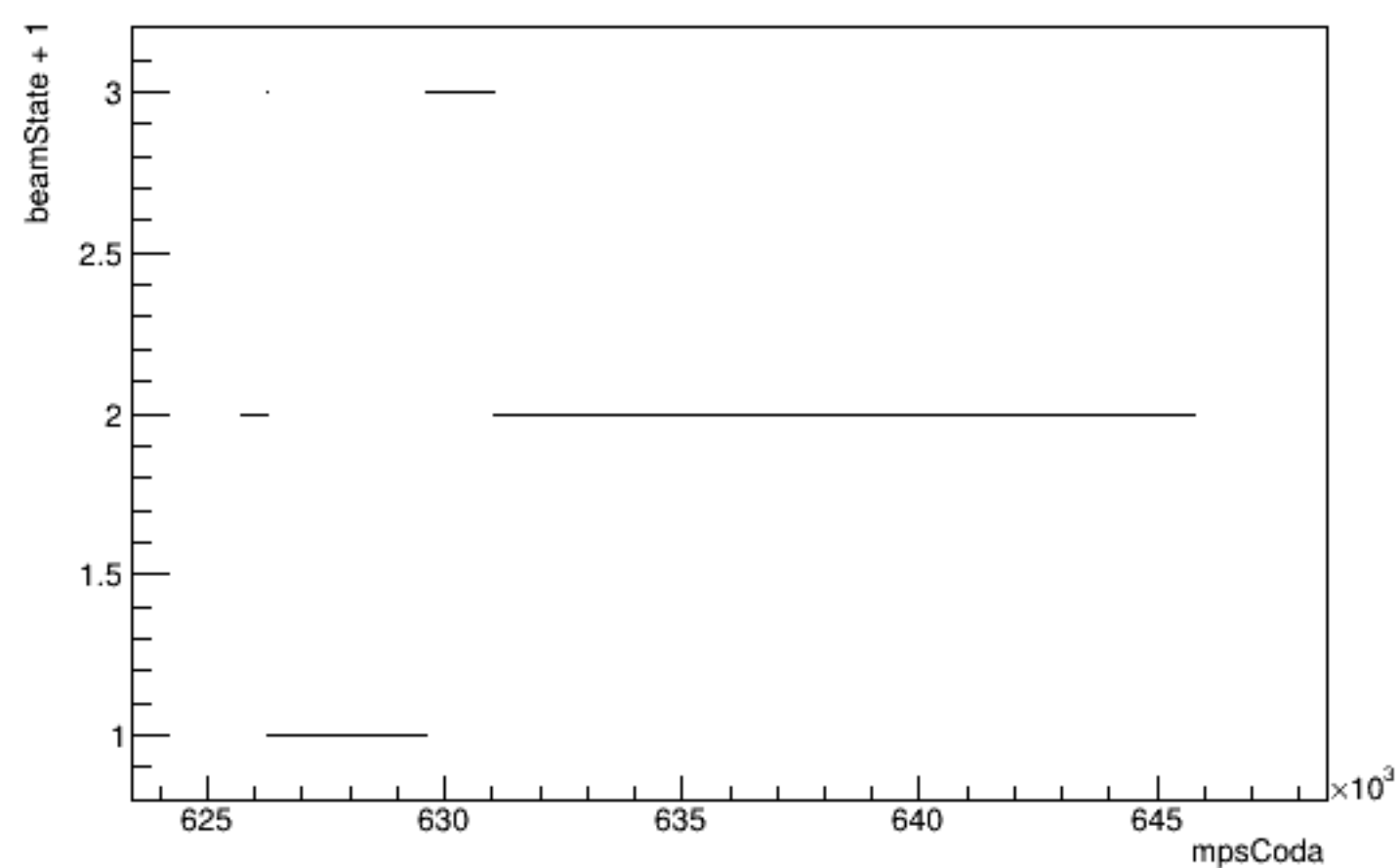
Acc0/NAcc0:mpsCoda (mpsCoda>=625713 && mpsCoda<=645768 && beamState==1)



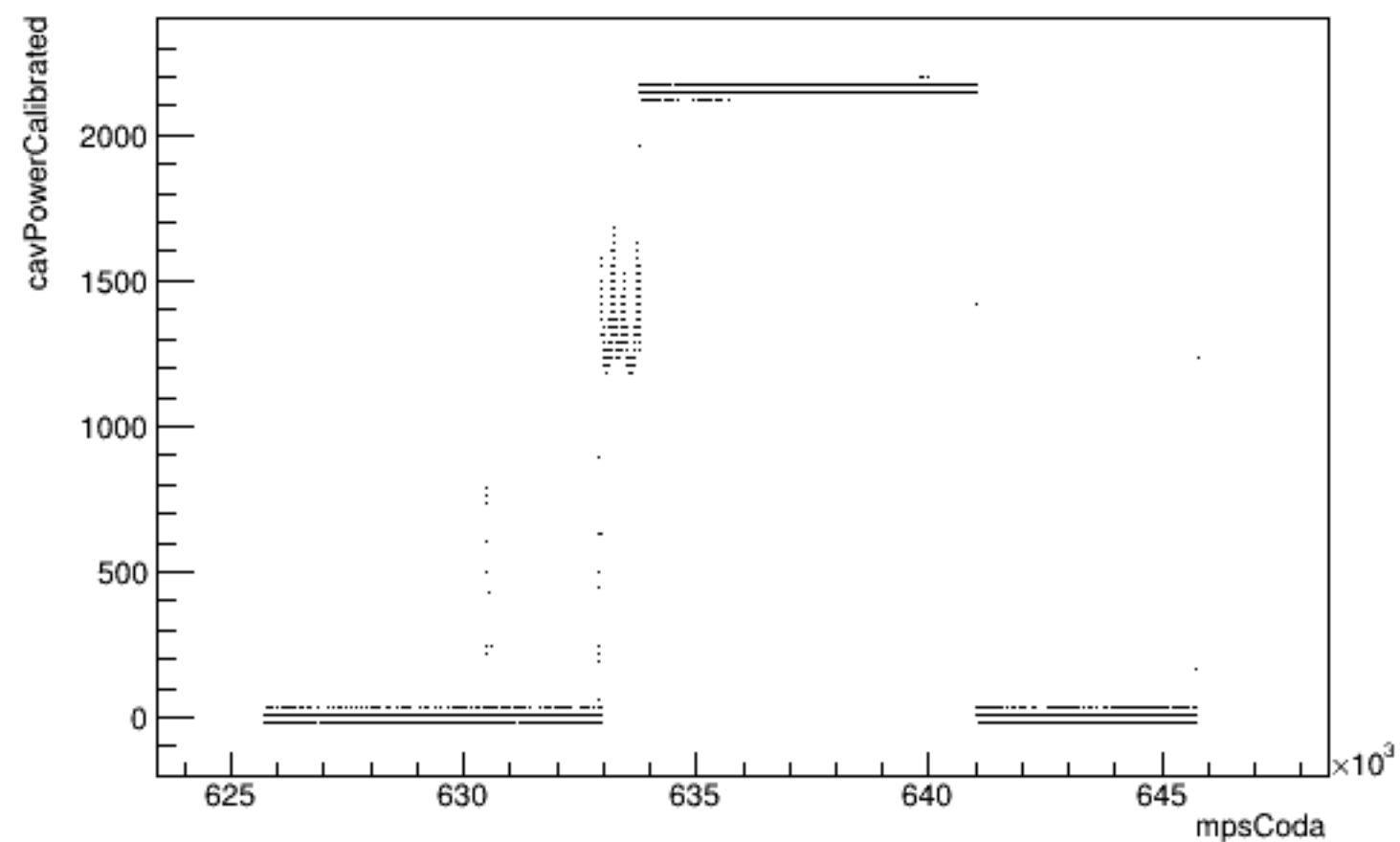
laserState:mpsCoda {mpsCoda>=625713 && mpsCoda<=645768}



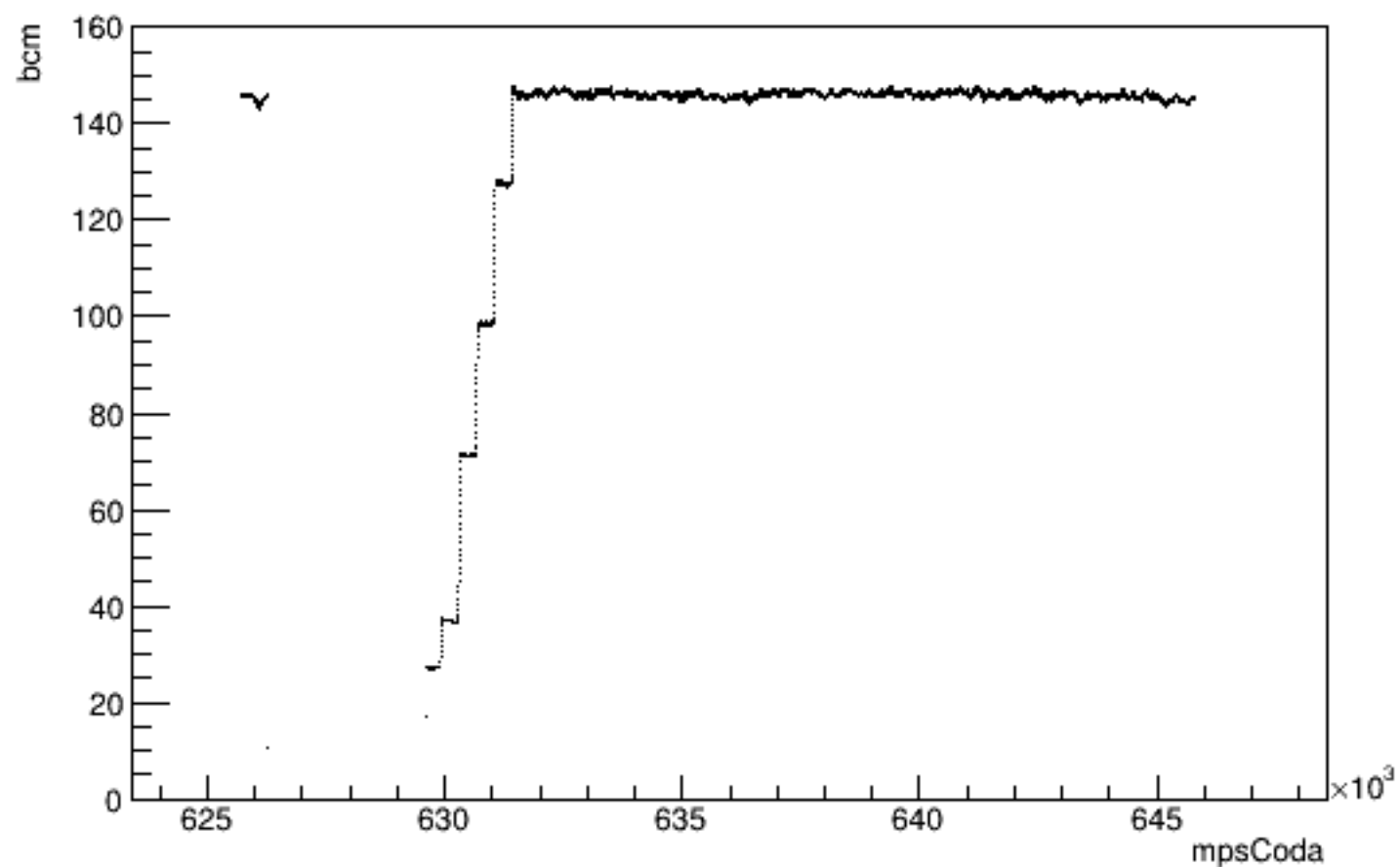
beamState + 1:mpsCoda {mpsCoda>=625713 && mpsCoda<=645768}



cavPowerCalibrated:mpsCoda {mpsCoda>=625713 && mpsCoda<=645768}



bcm:mpsCoda {mpsCoda>=625713 && mpsCoda<=645768}



Cycle 24, Diffs

Entries: 1190

Mean: -0.0066 +/- 0.0101

Std Dev: 0.3499 +/- 0.0072

Entries: 1087

Mean: 0.5985 +/- 0.0140

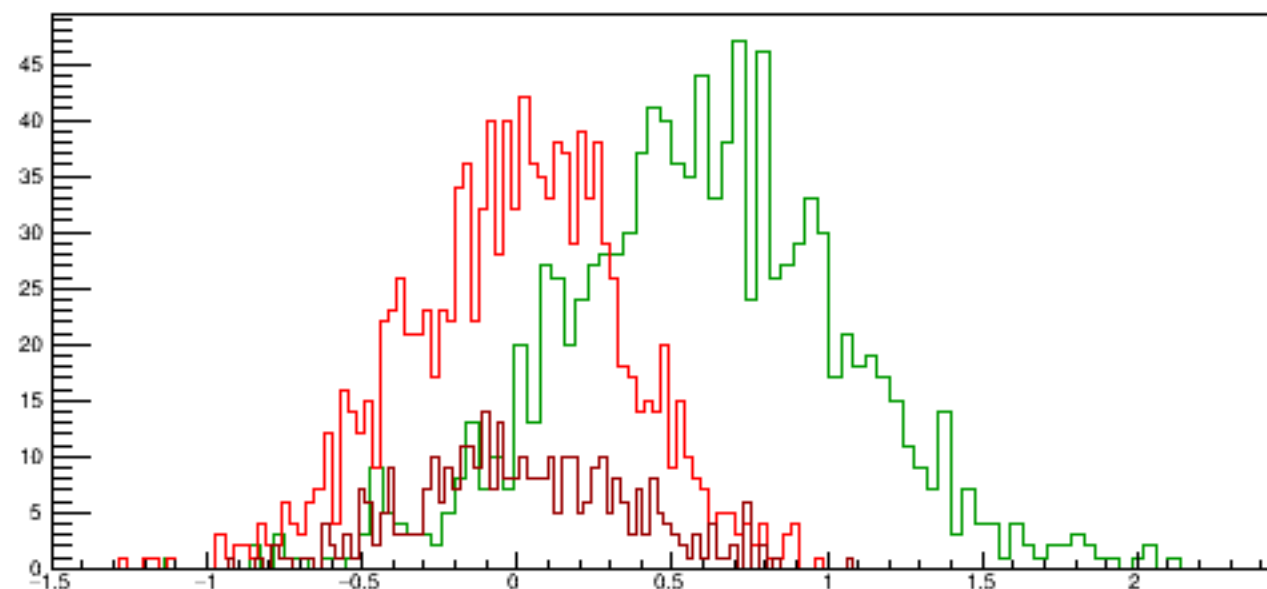
Std Dev: 0.4632 +/- 0.0099

Entries: 356

Mean: 0.0139 +/- 0.0183

Std Dev: 0.3448 +/- 0.0129

Run 6154 quartetwise, Diffs



Cycle 24, Sums

Entries: 1190

Mean: 5.5100 +/- 0.0106

Std Dev: 0.3661 +/- 0.0075

Entries: 1087

Mean: 24.6333 +/- 0.0198

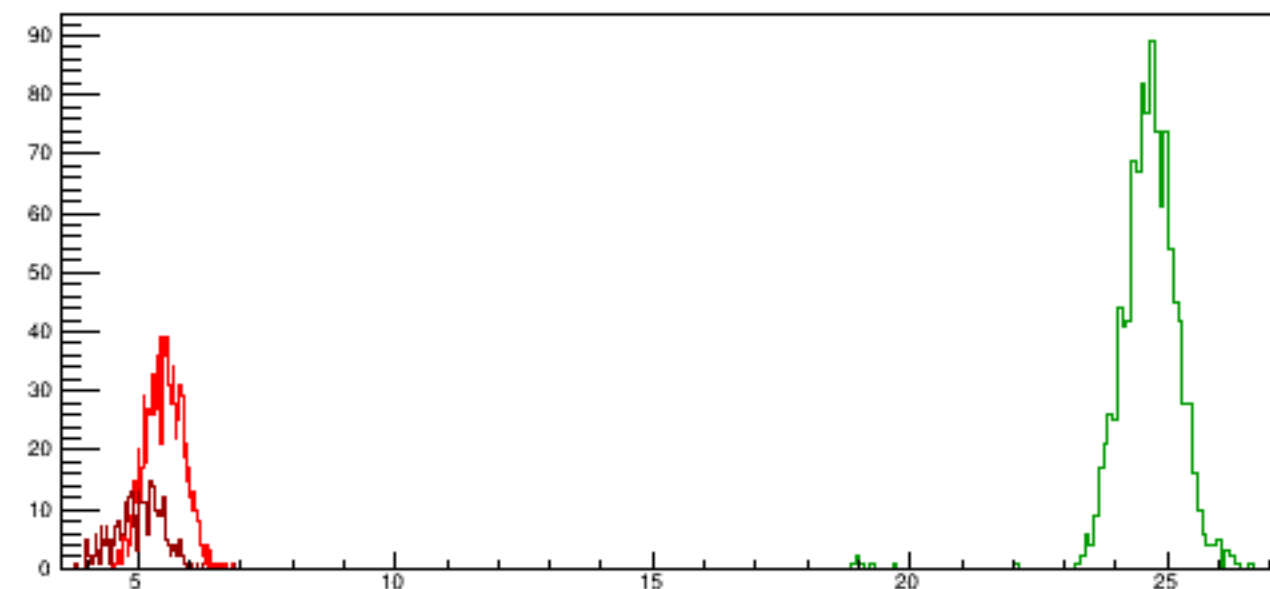
Std Dev: 0.6531 +/- 0.0140

Entries: 356

Mean: 5.0196 +/- 0.0252

Std Dev: 0.4762 +/- 0.0178

Run 6154 quartetwise, Sums



Cycle 24, Asyms

Entries: 1190

Mean: -0.0003 +/- 0.0005

Std Dev: 0.0181 +/- 0.0004

Entries: 1087

Mean: 0.0309 +/- 0.0007

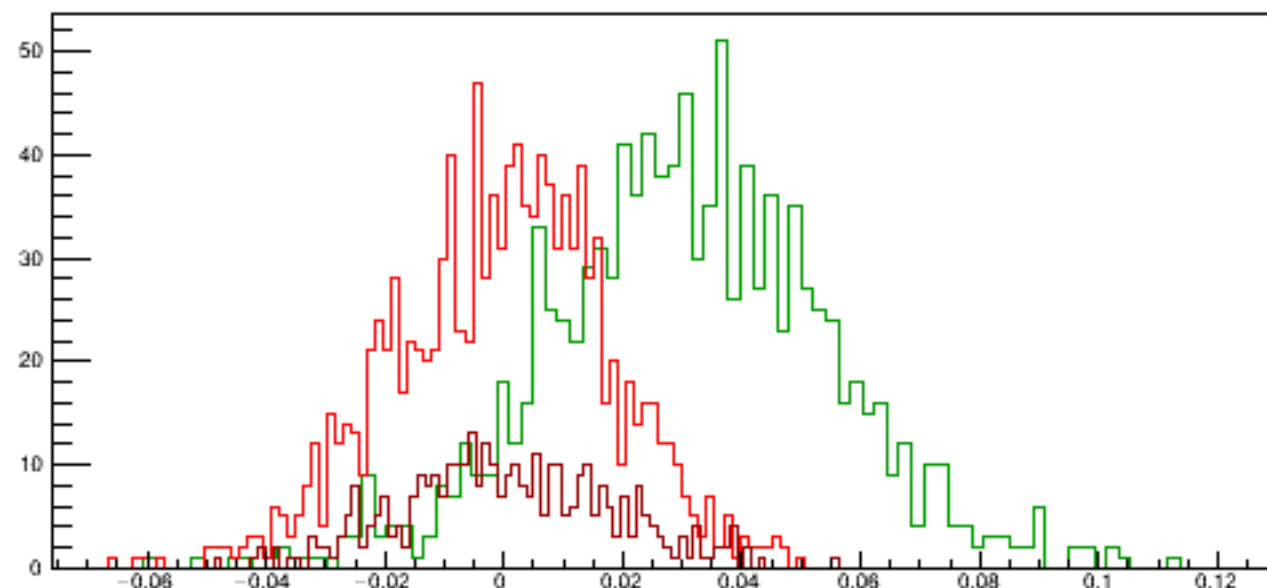
Std Dev: 0.0240 +/- 0.0005

Entries: 356

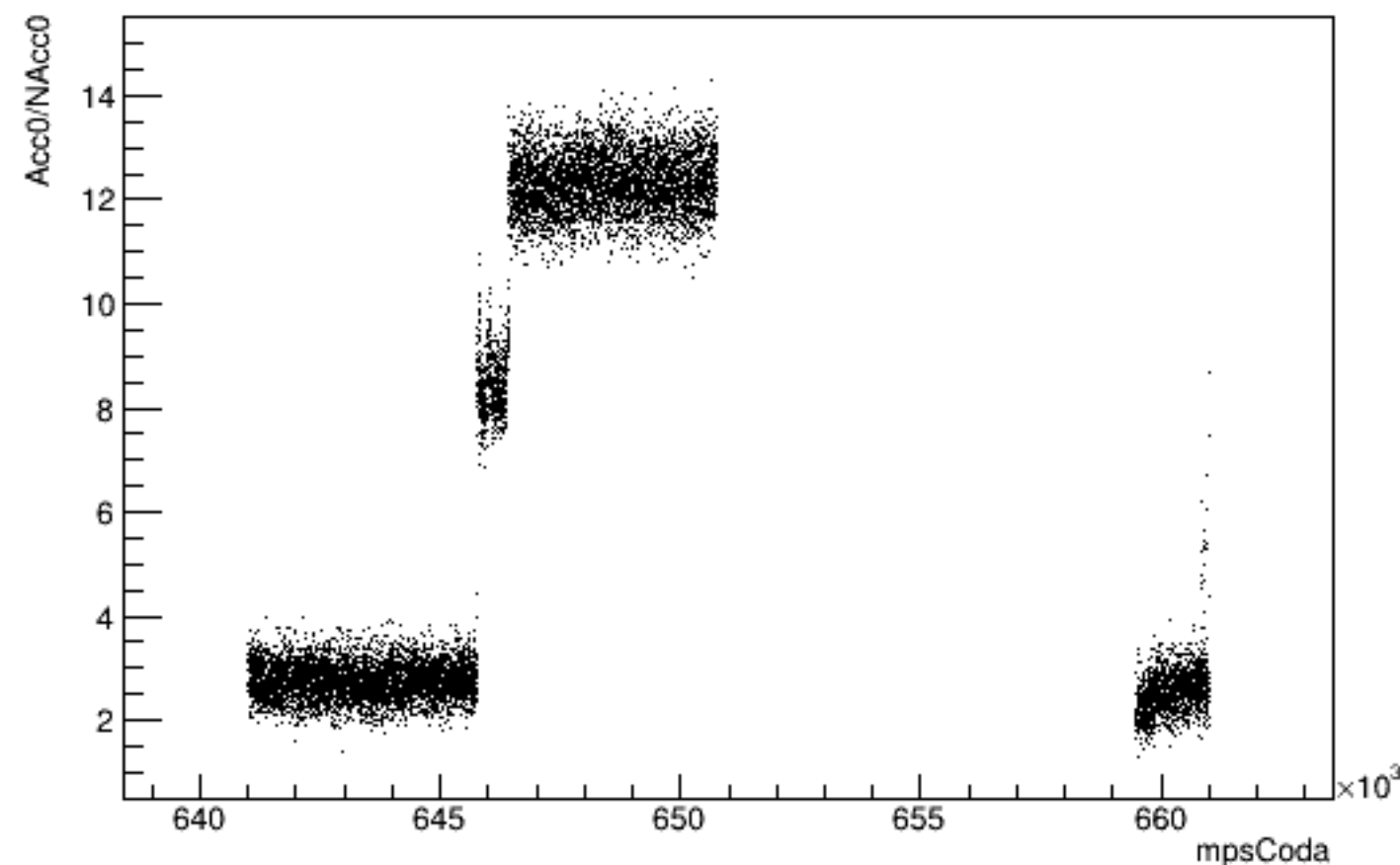
Mean: 0.0007 +/- 0.0009

Std Dev: 0.0178 +/- 0.0007

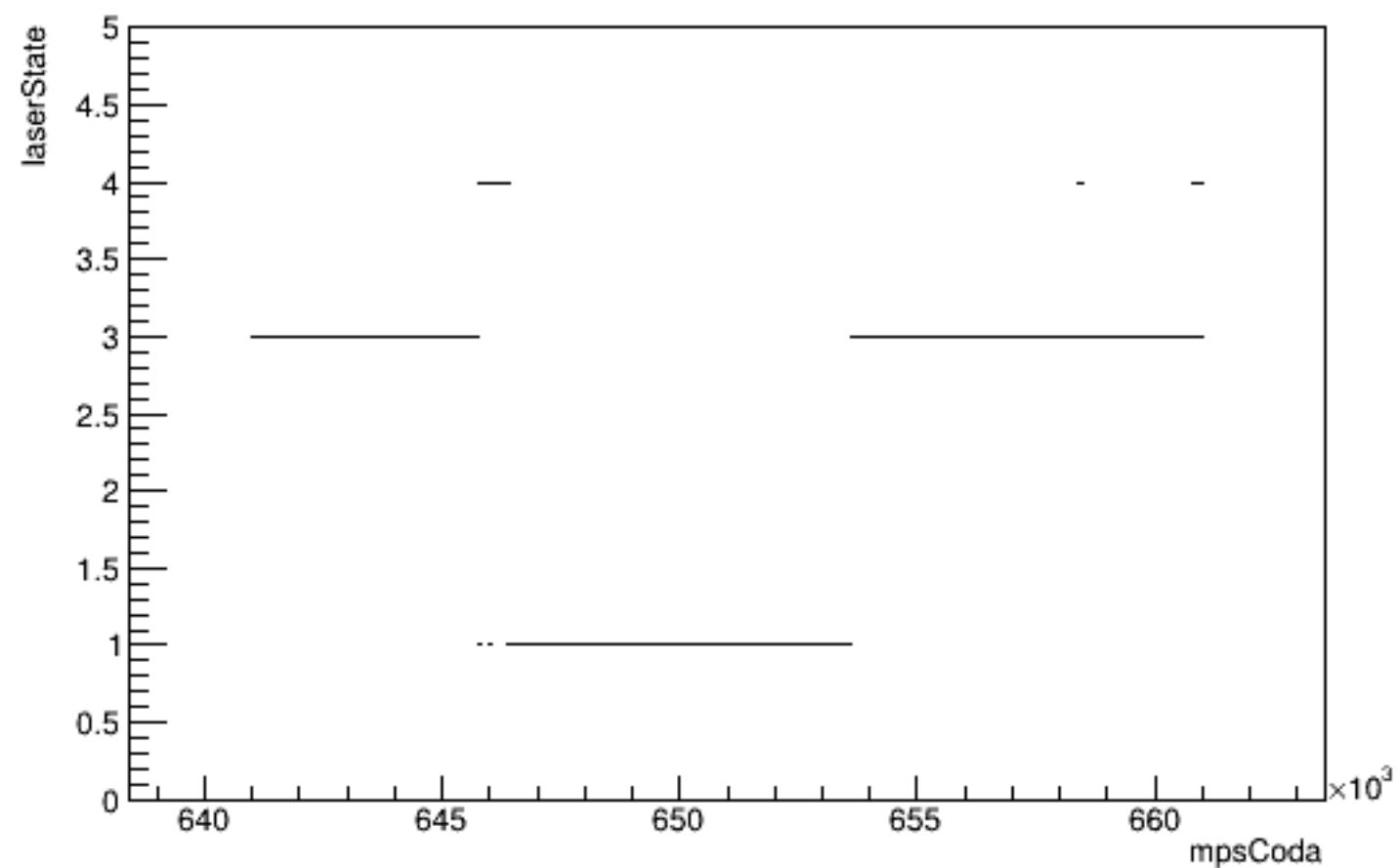
Run 6154 quartetwise, Asyms



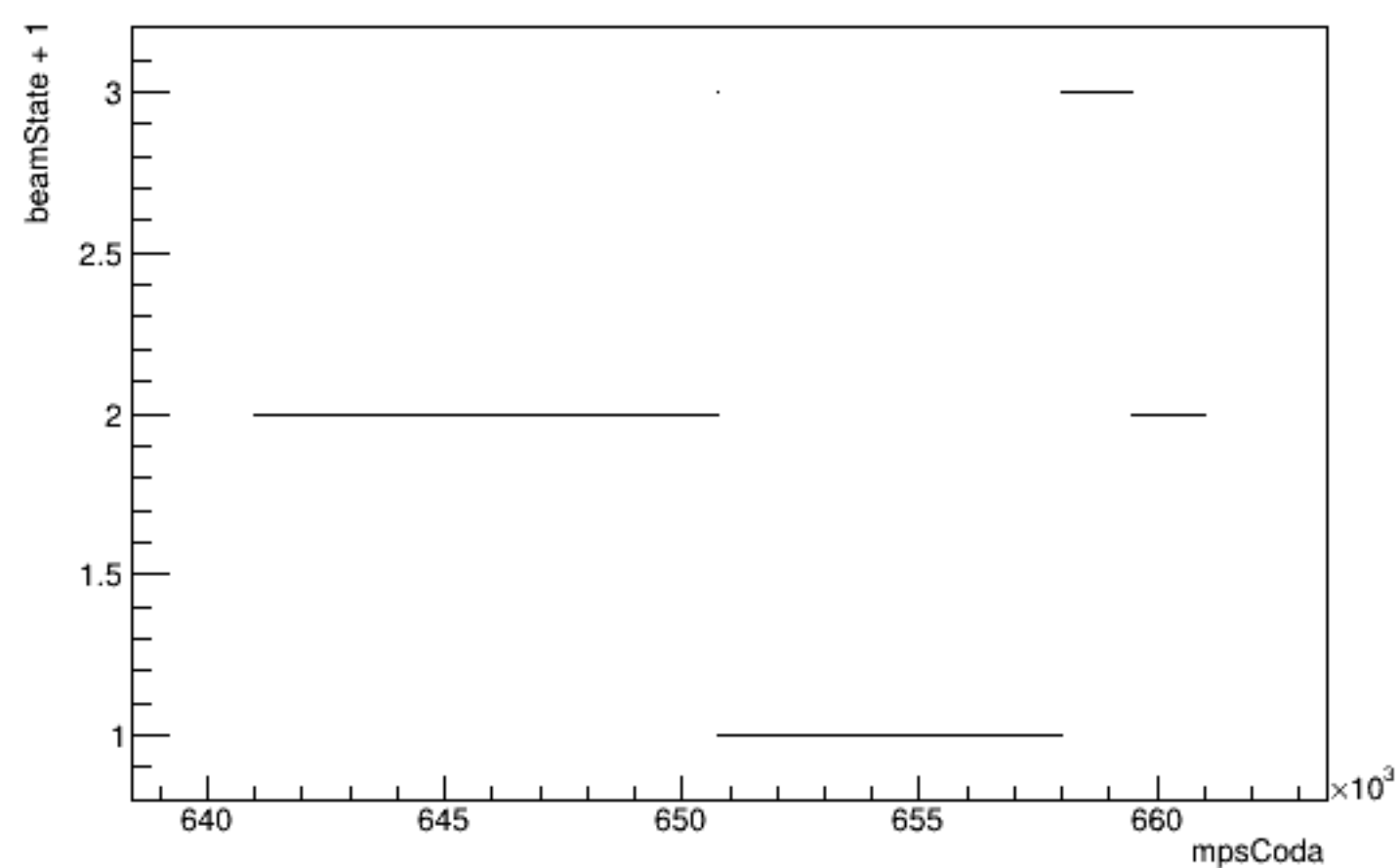
Acc0/NAcc0:mpsCoda (mpsCoda>=641005 && mpsCoda<=661000 && beamState==1)



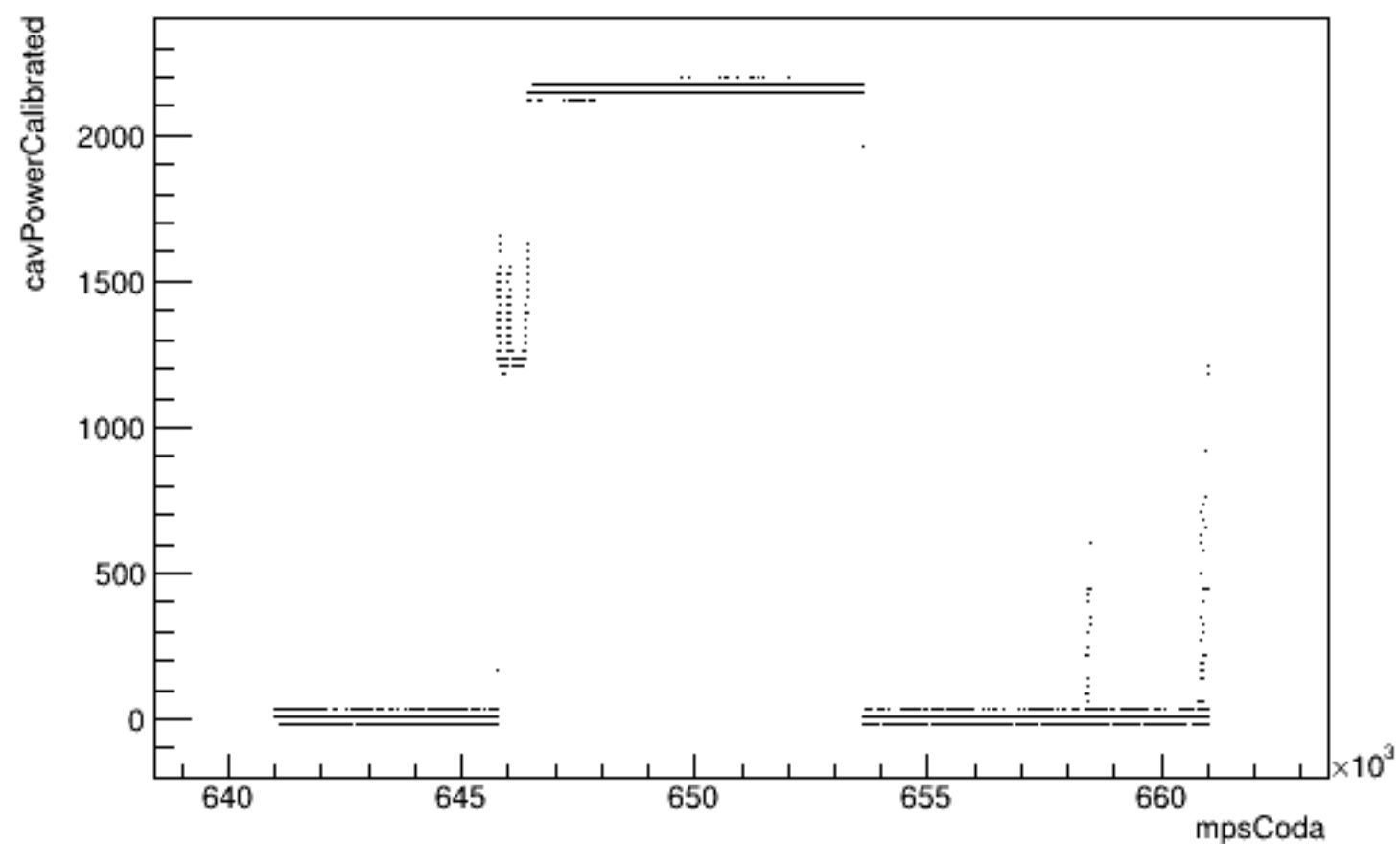
laserState:mpsCoda {mpsCoda>=641005 && mpsCoda<=661000}



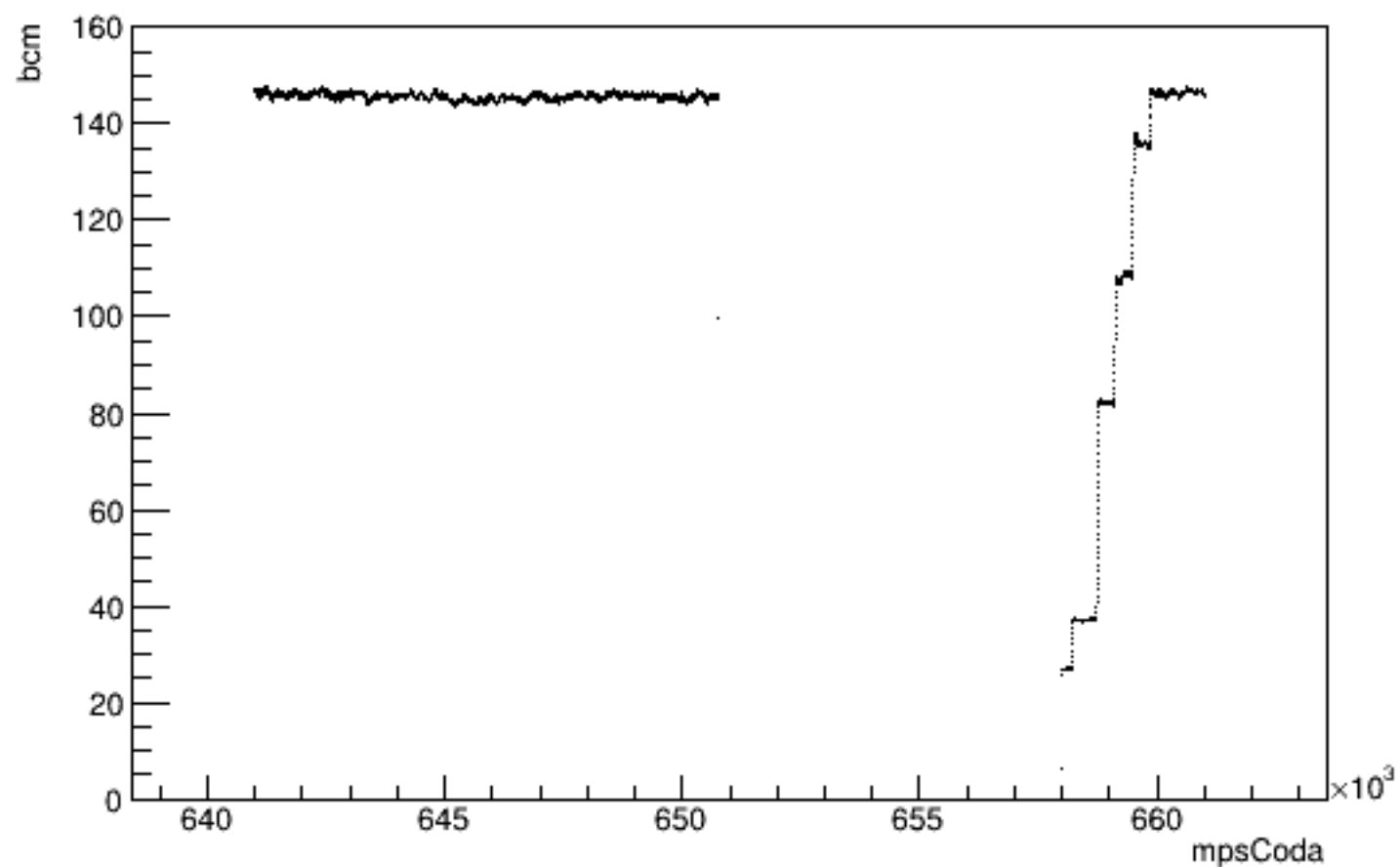
beamState + 1:mpsCoda {mpsCoda>=641005 && mpsCoda<=661000}



cavPowerCalibrated:mpsCoda {mpsCoda>=641005 && mpsCoda<=661000}



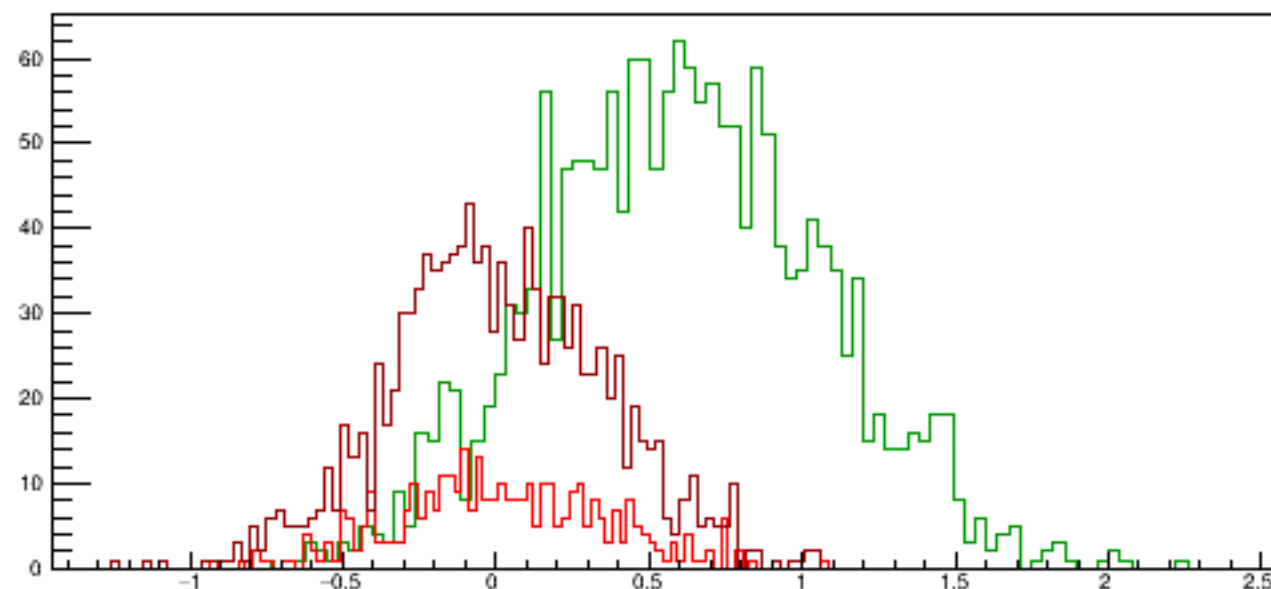
bcm:mpsCoda {mpsCoda>=641005 && mpsCoda<=661000}



Cycle 25, Diffs

Entries: 356	Entries: 1804	Entries: 1189
Mean: 0.0139 +/- 0.0183	Mean: 0.6024 +/- 0.0108	Mean: 0.0068 +/- 0.0102
Std Dev: 0.3448 +/- 0.0129	Std Dev: 0.4568 +/- 0.0076	Std Dev: 0.3508 +/- 0.0072

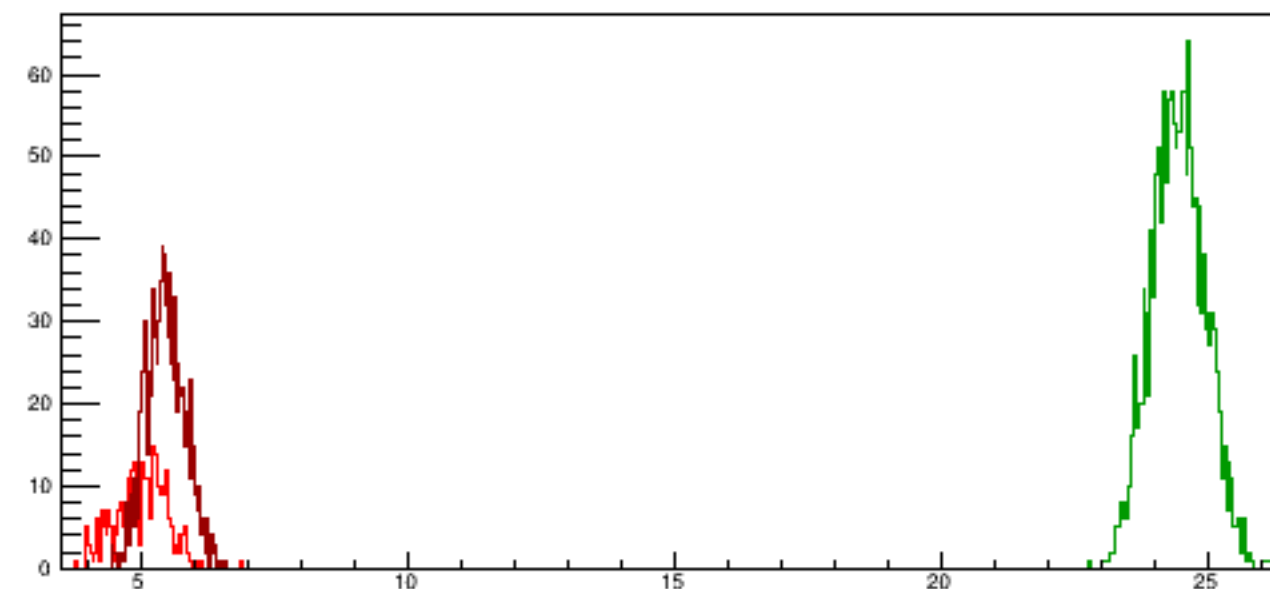
Run 6154 quartetwise, Diffs



Cycle 25, Sums

Entries: 356	Entries: 1804	Entries: 1189
Mean: 5.0196 +/- 0.0252	Mean: 24.4302 +/- 0.0119	Mean: 5.4546 +/- 0.0106
Std Dev: 0.4762 +/- 0.0178	Std Dev: 0.5052 +/- 0.0084	Std Dev: 0.3645 +/- 0.0075

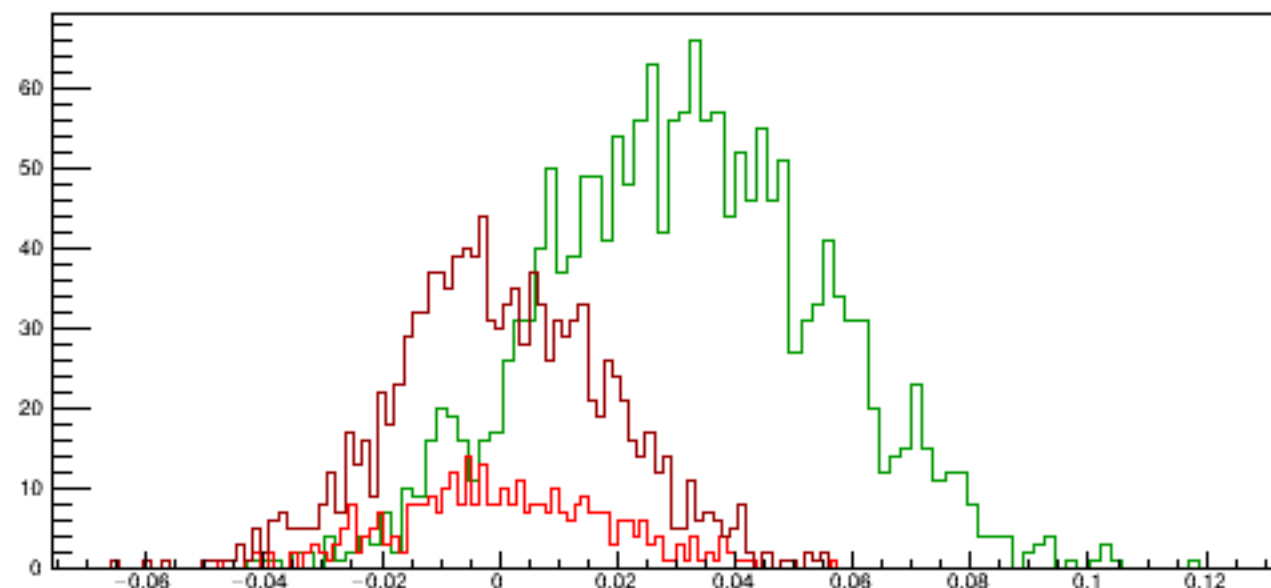
Run 6154 quartetwise, Sums



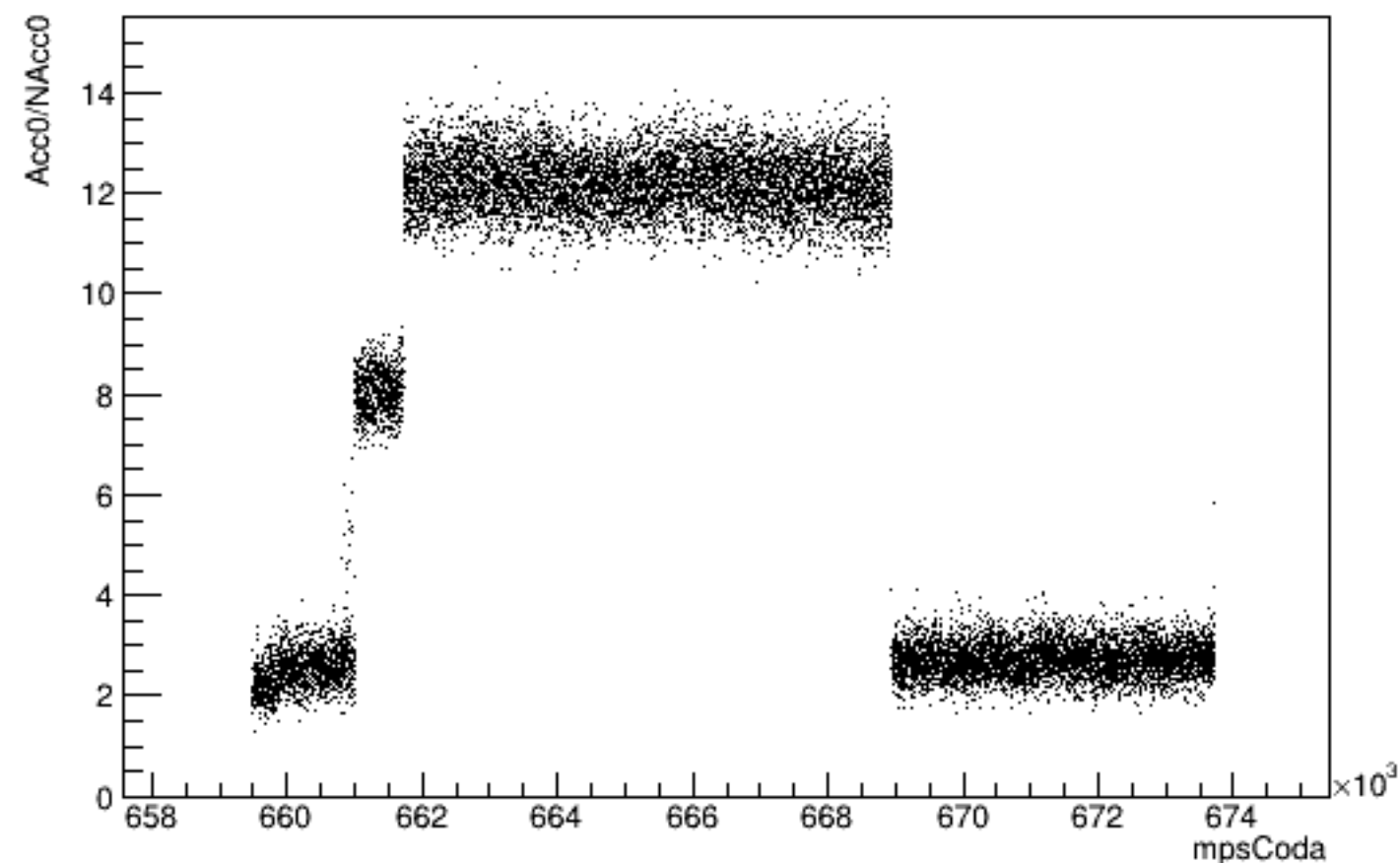
Cycle 25, Asyms

Entries: 356	Entries: 1804	Entries: 1189
Mean: 0.0007 +/- 0.0010	Mean: 0.0314 +/- 0.0006	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0180 +/- 0.0007	Std Dev: 0.0238 +/- 0.0004	Std Dev: 0.0183 +/- 0.0004

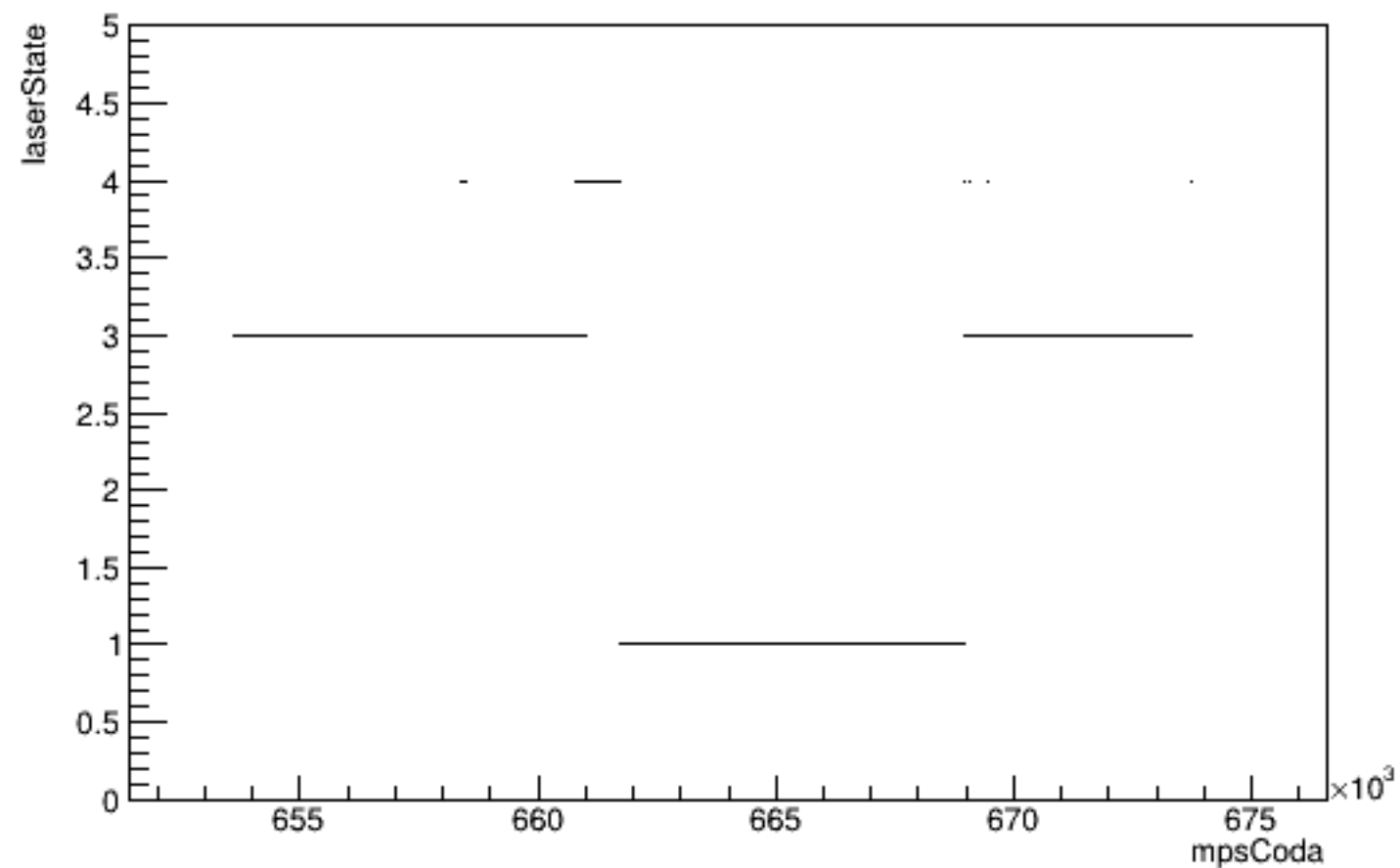
Run 6154 quartetwise, Asyms



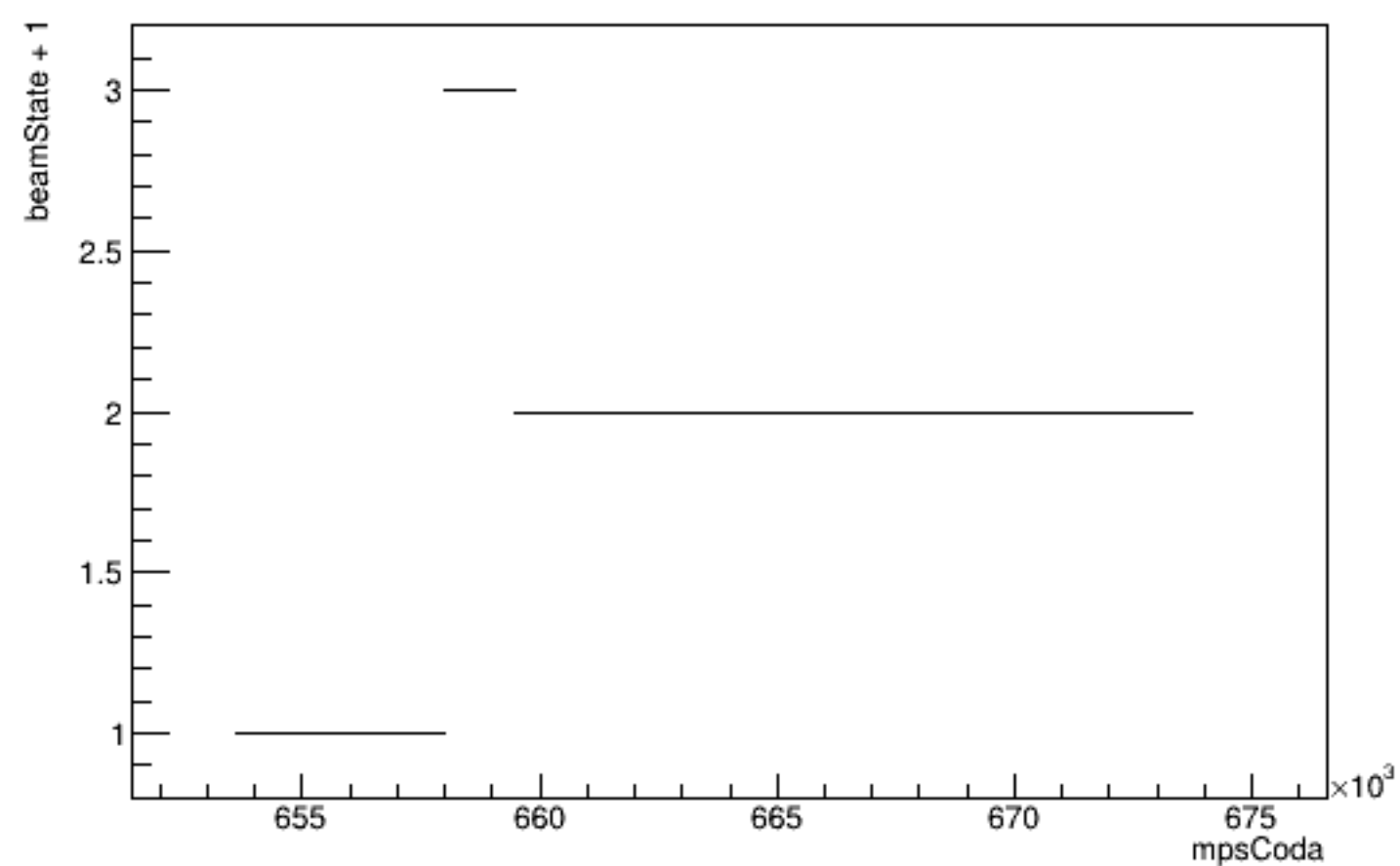
Acc0/NAcc0:mpsCoda (mpsCoda>=653629 && mpsCoda<=673716 && beamState==1)



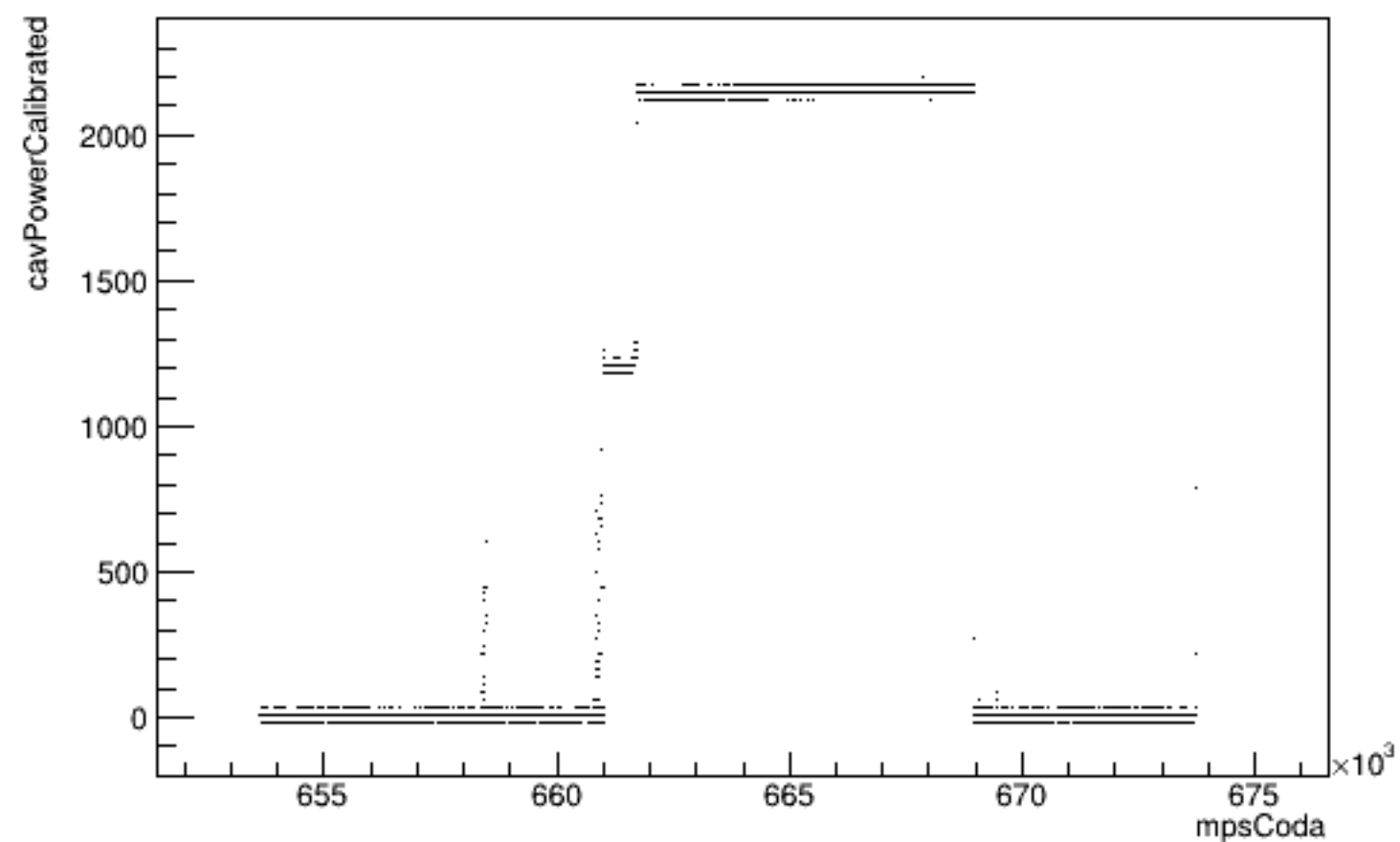
laserState:mpsCoda {mpsCoda>=653629 && mpsCoda<=673716}



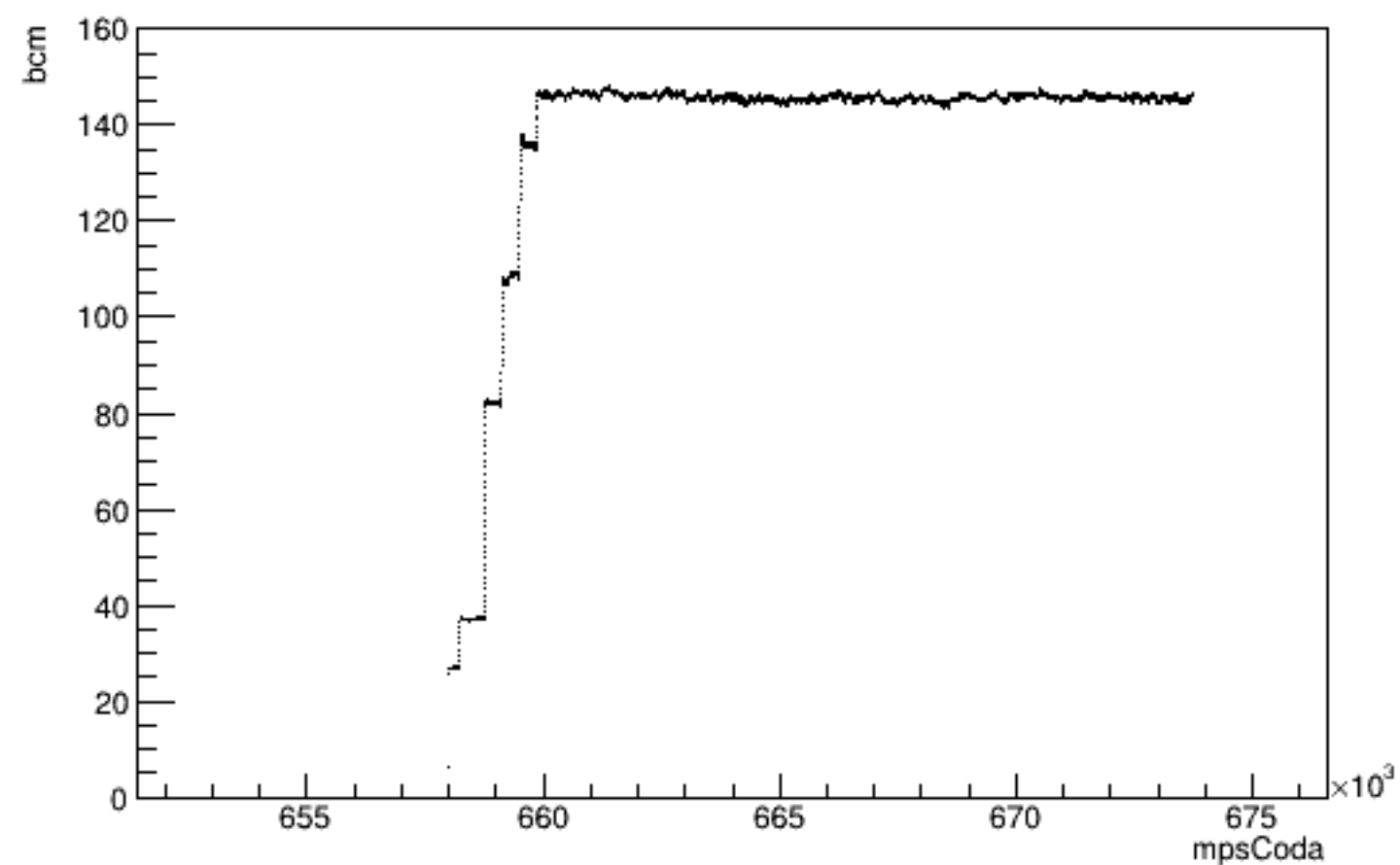
beamState + 1:mpsCoda {mpsCoda>=653629 && mpsCoda<=673716}



cavPowerCalibrated:mpsCoda {mpsCoda>=653629 && mpsCoda<=673716}



bcm:mpsCoda {mpsCoda>=653629 && mpsCoda<=673716}



Cycle 26, Diffs

Entries: 1203

Mean: 0.0004 +/- 0.0103

Std Dev: 0.3568 +/- 0.0073

Entries: 1800

Mean: 0.6048 +/- 0.0111

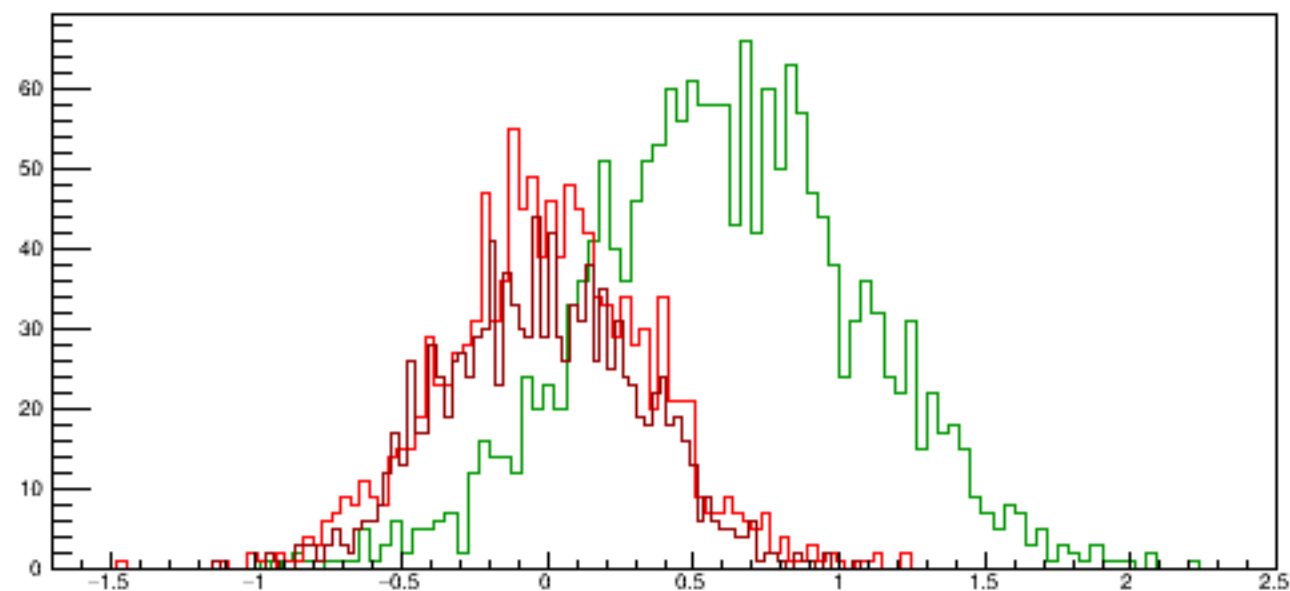
Std Dev: 0.4696 +/- 0.0078

Entries: 1197

Mean: -0.0207 +/- 0.0097

Std Dev: 0.3347 +/- 0.0068

Run 6154 quartetwise, Diffs



Cycle 26, Sums

Entries: 1203

Mean: 5.5814 +/- 0.0110

Std Dev: 0.3804 +/- 0.0078

Entries: 1800

Mean: 24.8495 +/- 0.0117

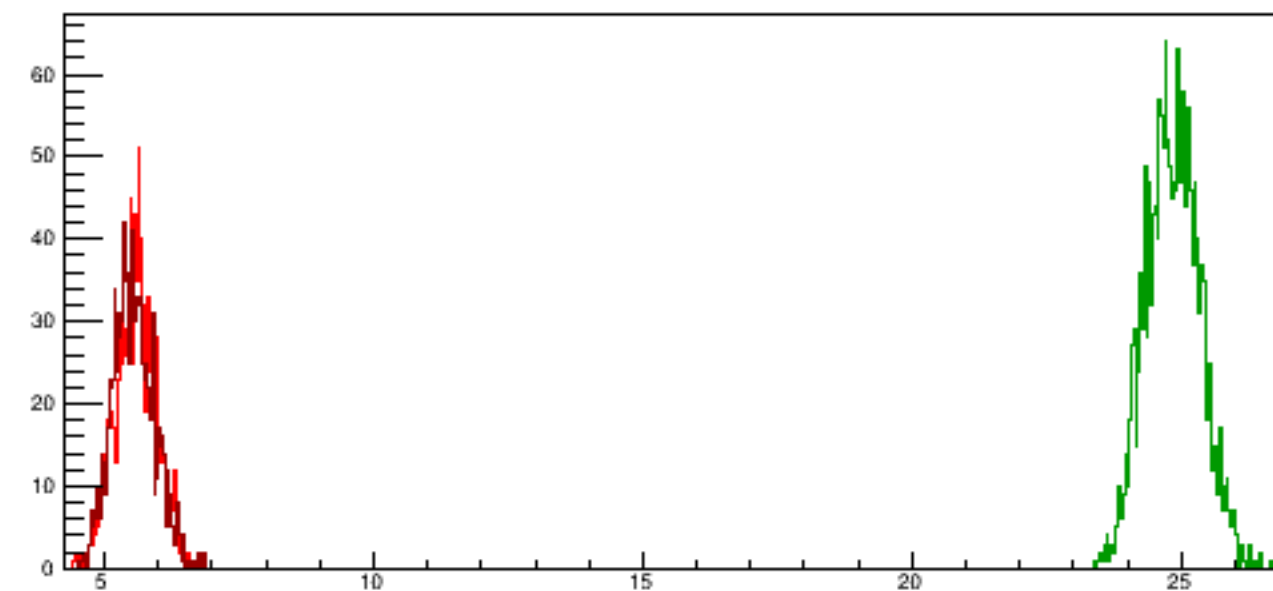
Std Dev: 0.4964 +/- 0.0083

Entries: 1197

Mean: 5.5373 +/- 0.0109

Std Dev: 0.3778 +/- 0.0077

Run 6154 quartetwise, Sums



Cycle 26, Asyms

Entries: 1203

Mean: 0.0000 +/- 0.0005

Std Dev: 0.0185 +/- 0.0004

Entries: 1800

Mean: 0.0314 +/- 0.0006

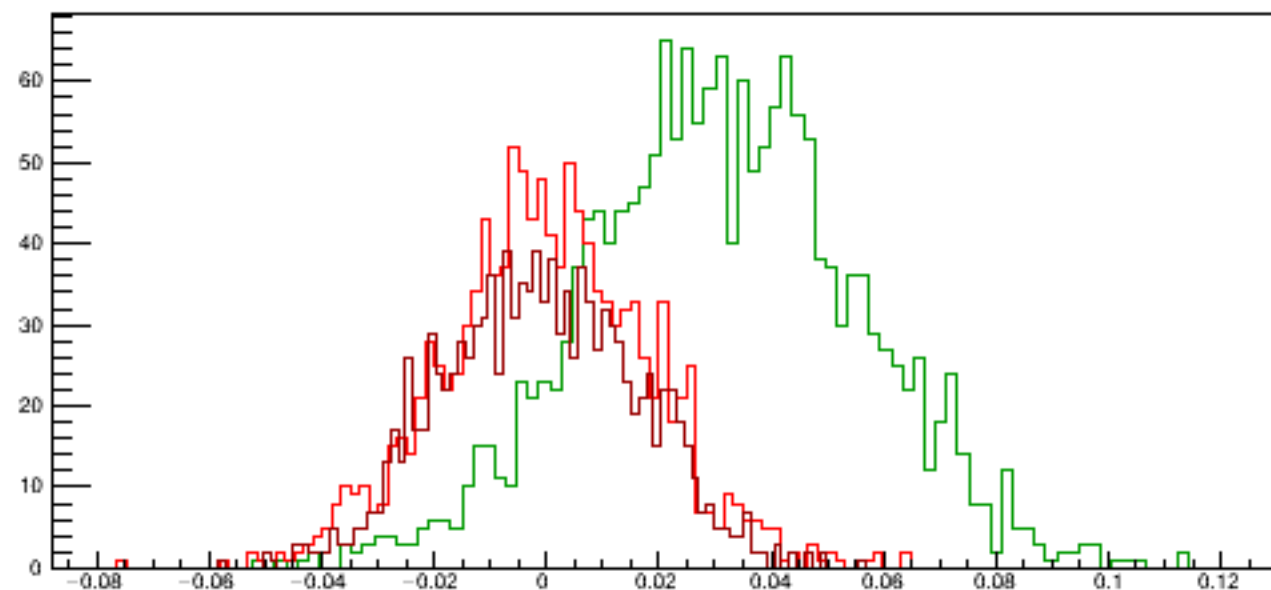
Std Dev: 0.0243 +/- 0.0004

Entries: 1197

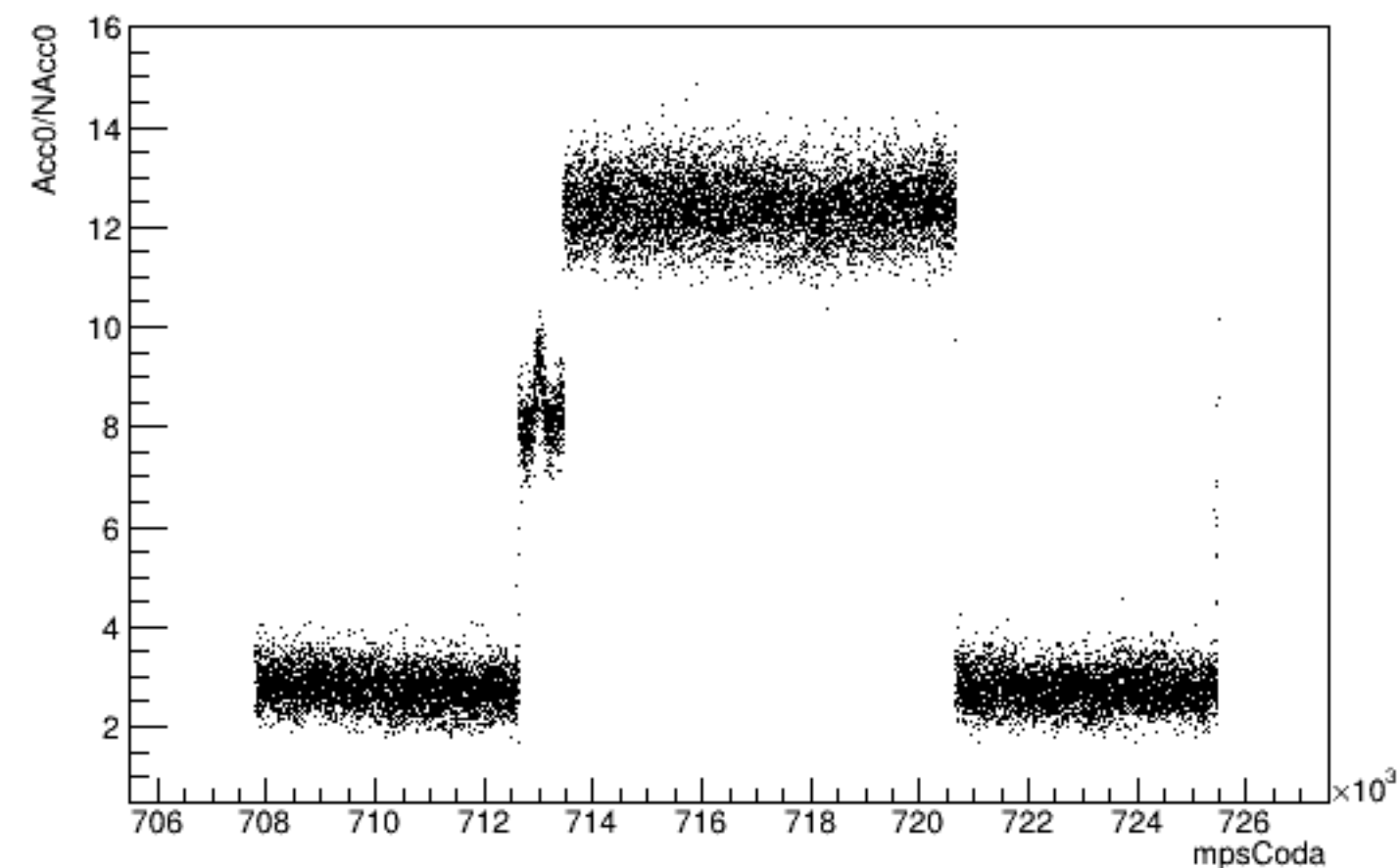
Mean: -0.0011 +/- 0.0005

Std Dev: 0.0173 +/- 0.0004

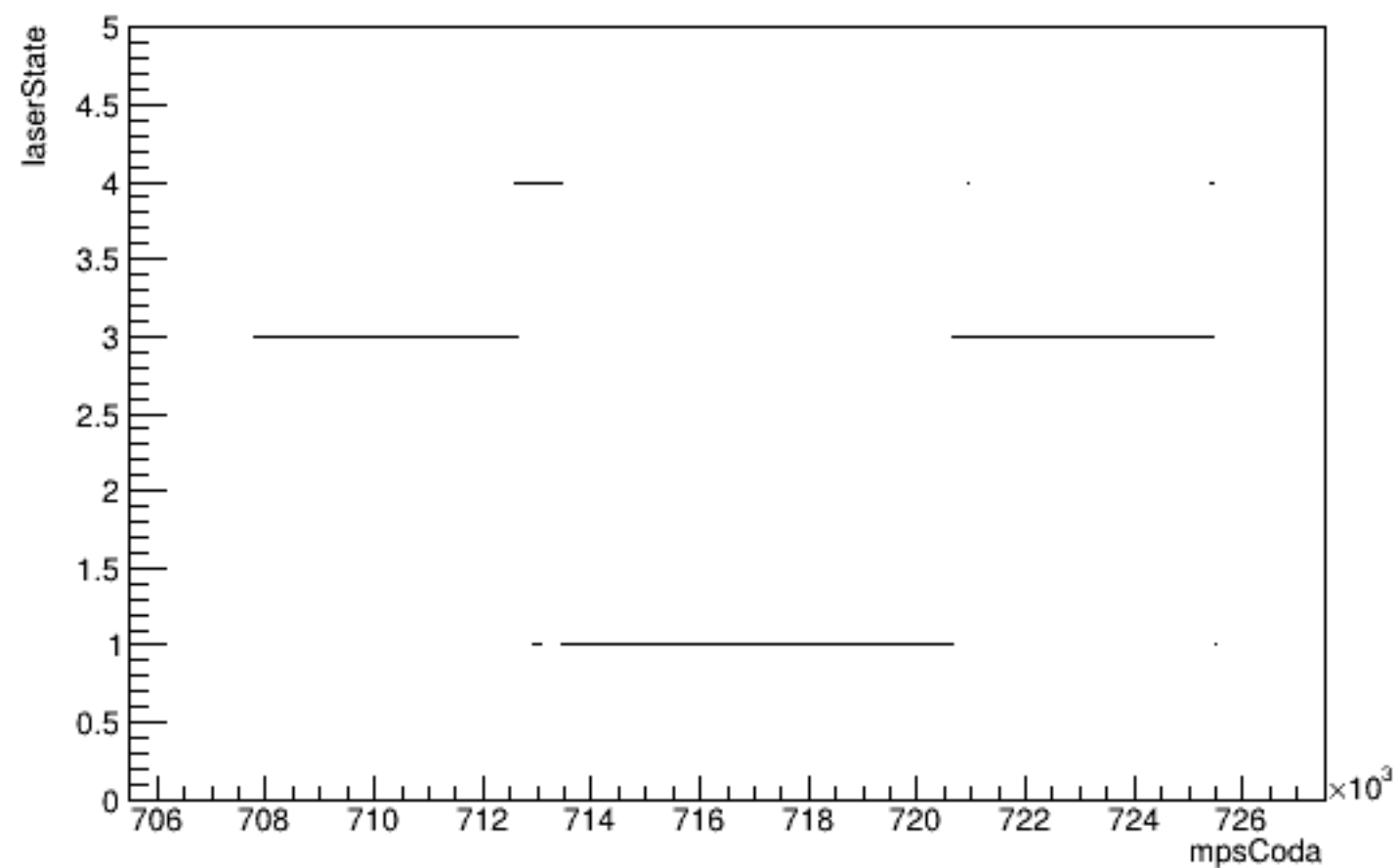
Run 6154 quartetwise, Asyms



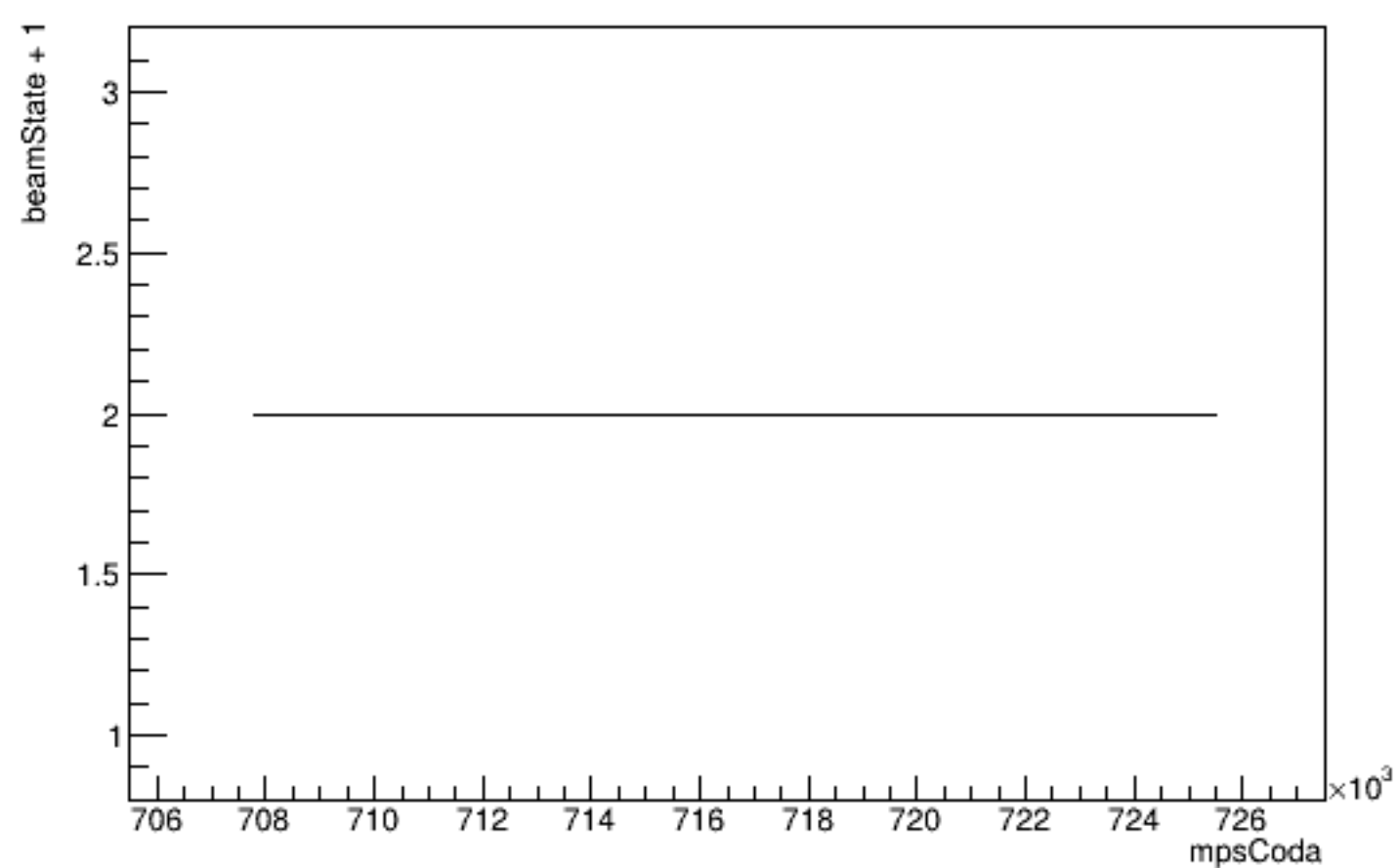
Acc0/NAcc0:mpsCoda (mpsCoda>=707801 && mpsCoda<=725480 && beamState==1)



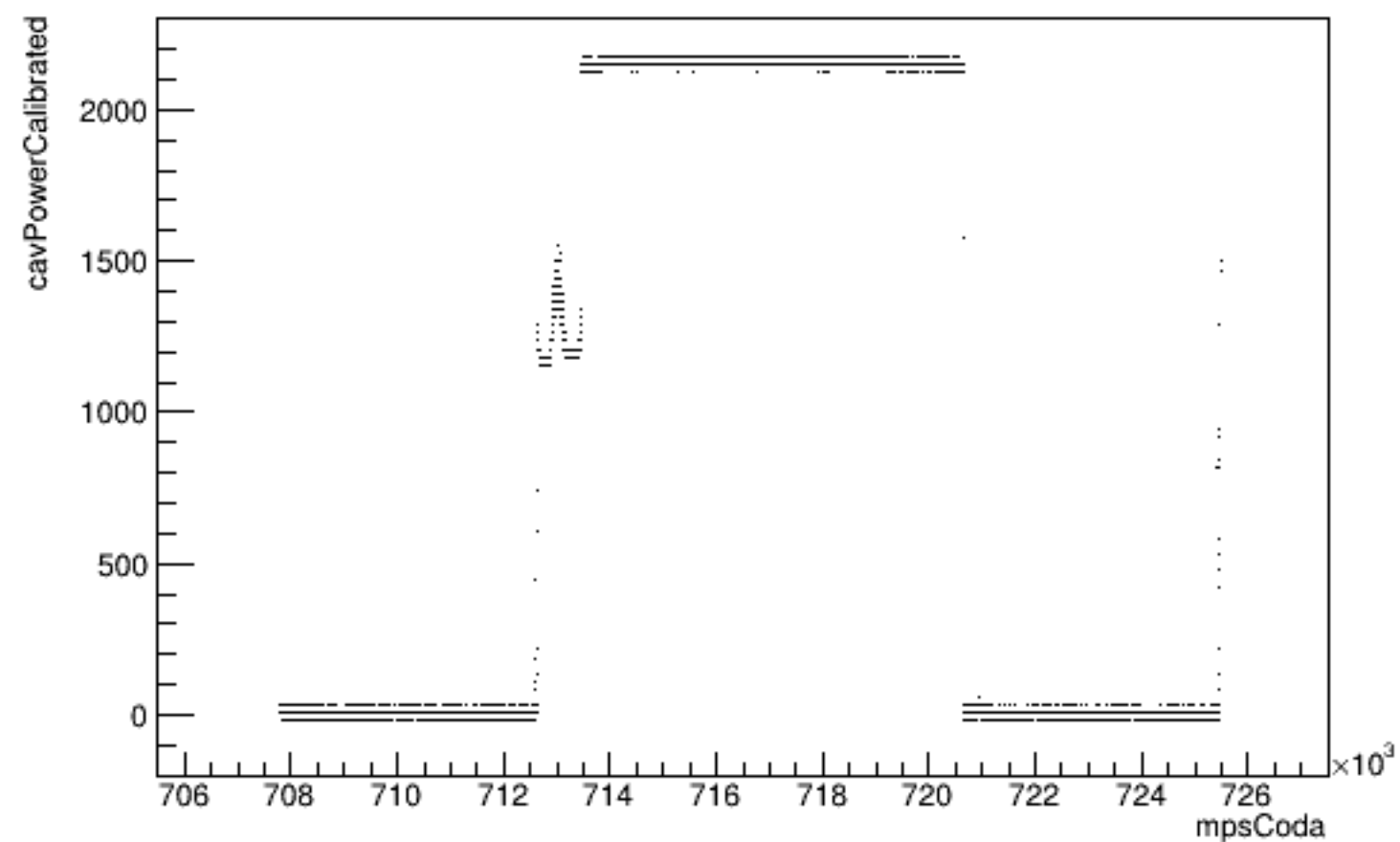
laserState:mpsCoda {mpsCoda>=707801 && mpsCoda<=725480}



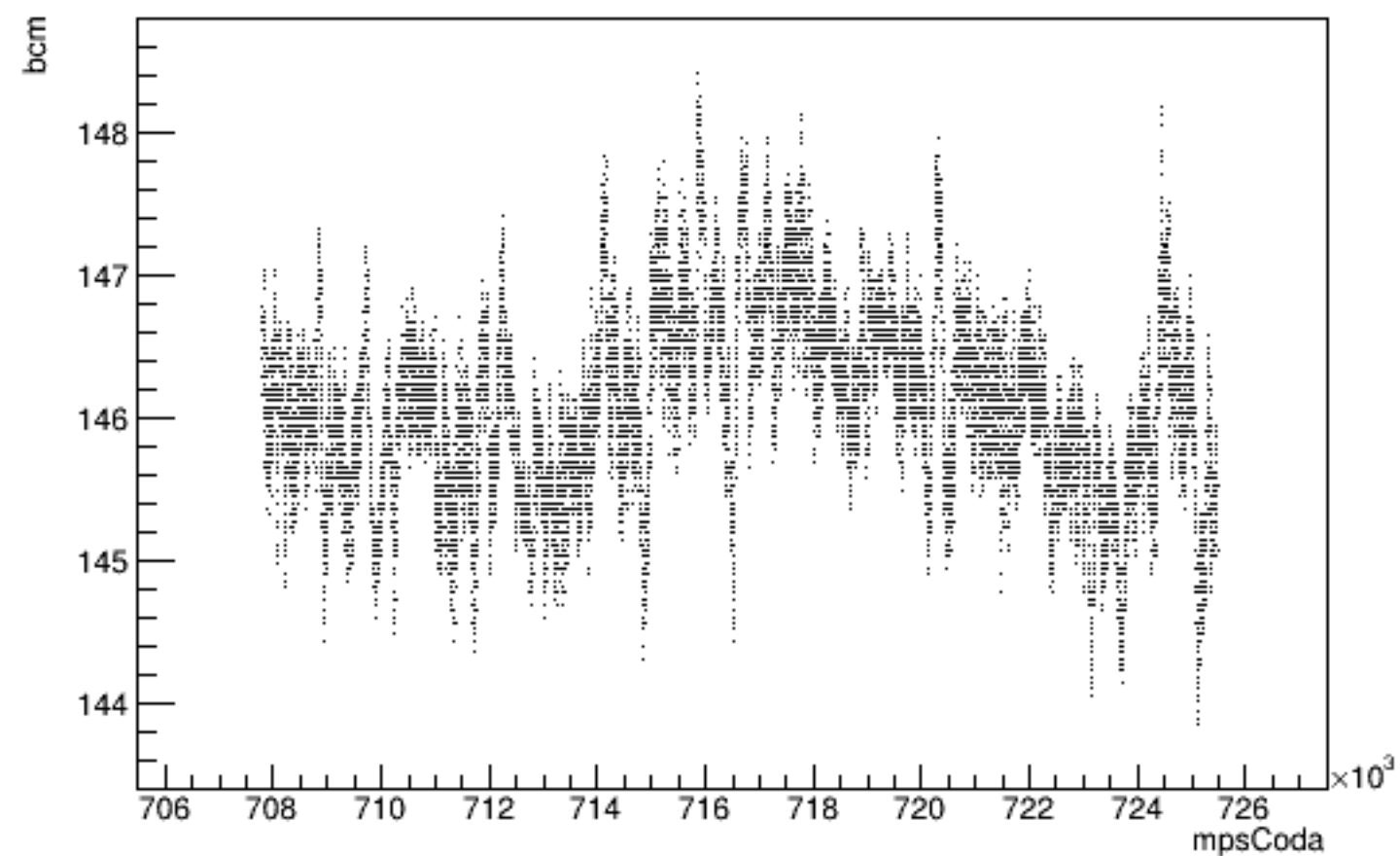
beamState + 1:mpsCoda {mpsCoda>=707801 && mpsCoda<=725480}



cavPowerCalibrated:mpsCoda {mpsCoda>=707801 && mpsCoda<=725480}



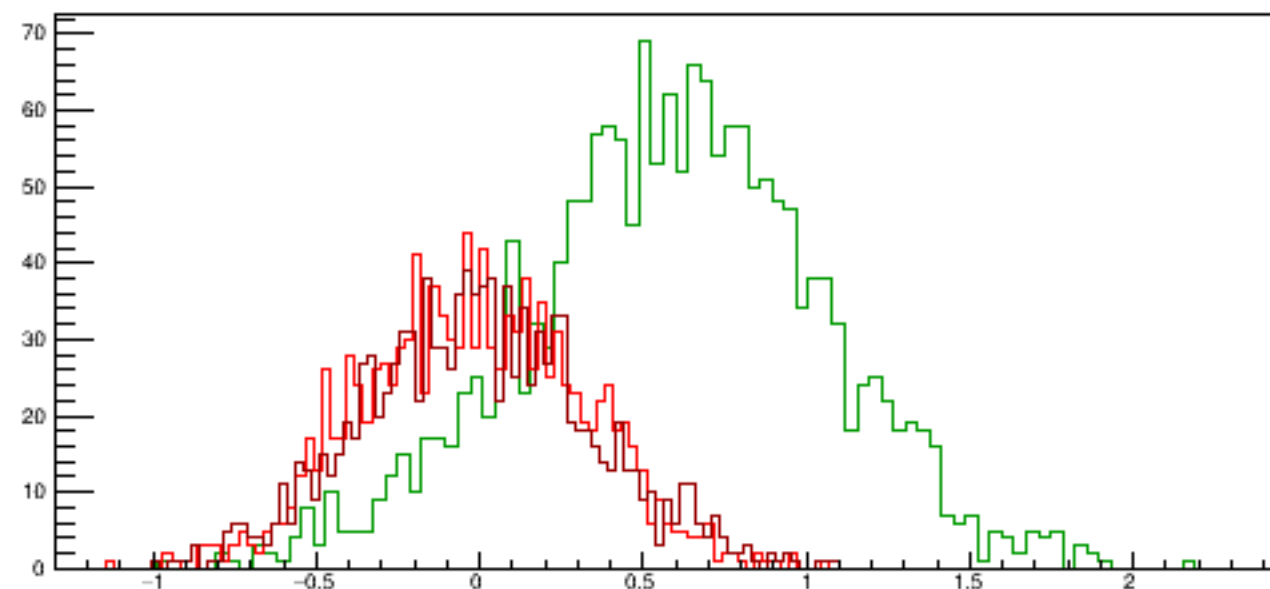
bcm:mpsCoda {mpsCoda>=707801 && mpsCoda<=725480}



Cycle 27, Diffs

Entries: 1197	Entries: 1806	Entries: 1197
Mean: -0.0207 +/- 0.0097	Mean: 0.5906 +/- 0.0108	Mean: -0.0052 +/- 0.0101
Std Dev: 0.3347 +/- 0.0068	Std Dev: 0.4588 +/- 0.0076	Std Dev: 0.3483 +/- 0.0071

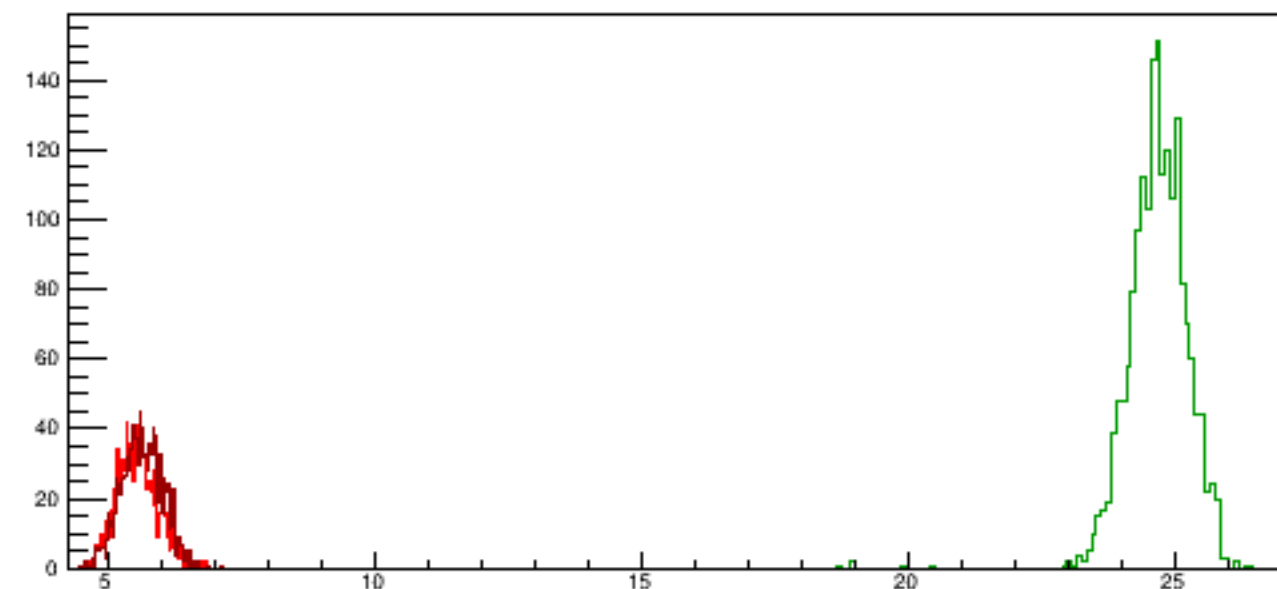
Run 6154 quartetwise, Diffs



Cycle 27, Sums

Entries: 1197	Entries: 1806	Entries: 1197
Mean: 5.5373 +/- 0.0109	Mean: 24.6668 +/- 0.0136	Mean: 5.6341 +/- 0.0112
Std Dev: 0.3778 +/- 0.0077	Std Dev: 0.5791 +/- 0.0096	Std Dev: 0.3891 +/- 0.0080

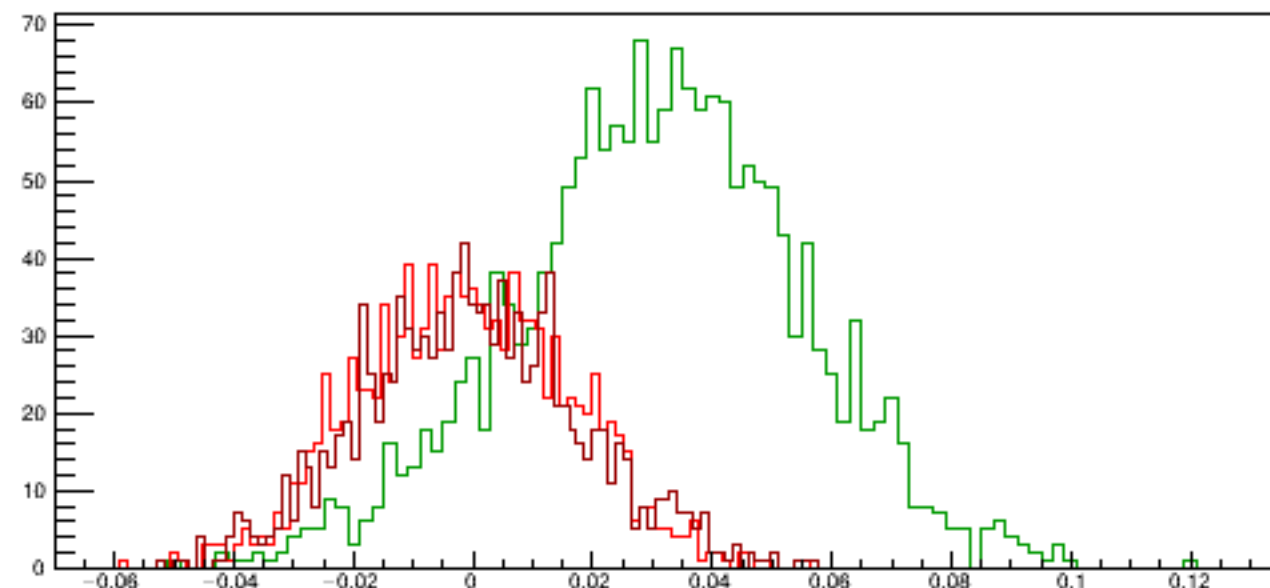
Run 6154 quartetwise, Sums



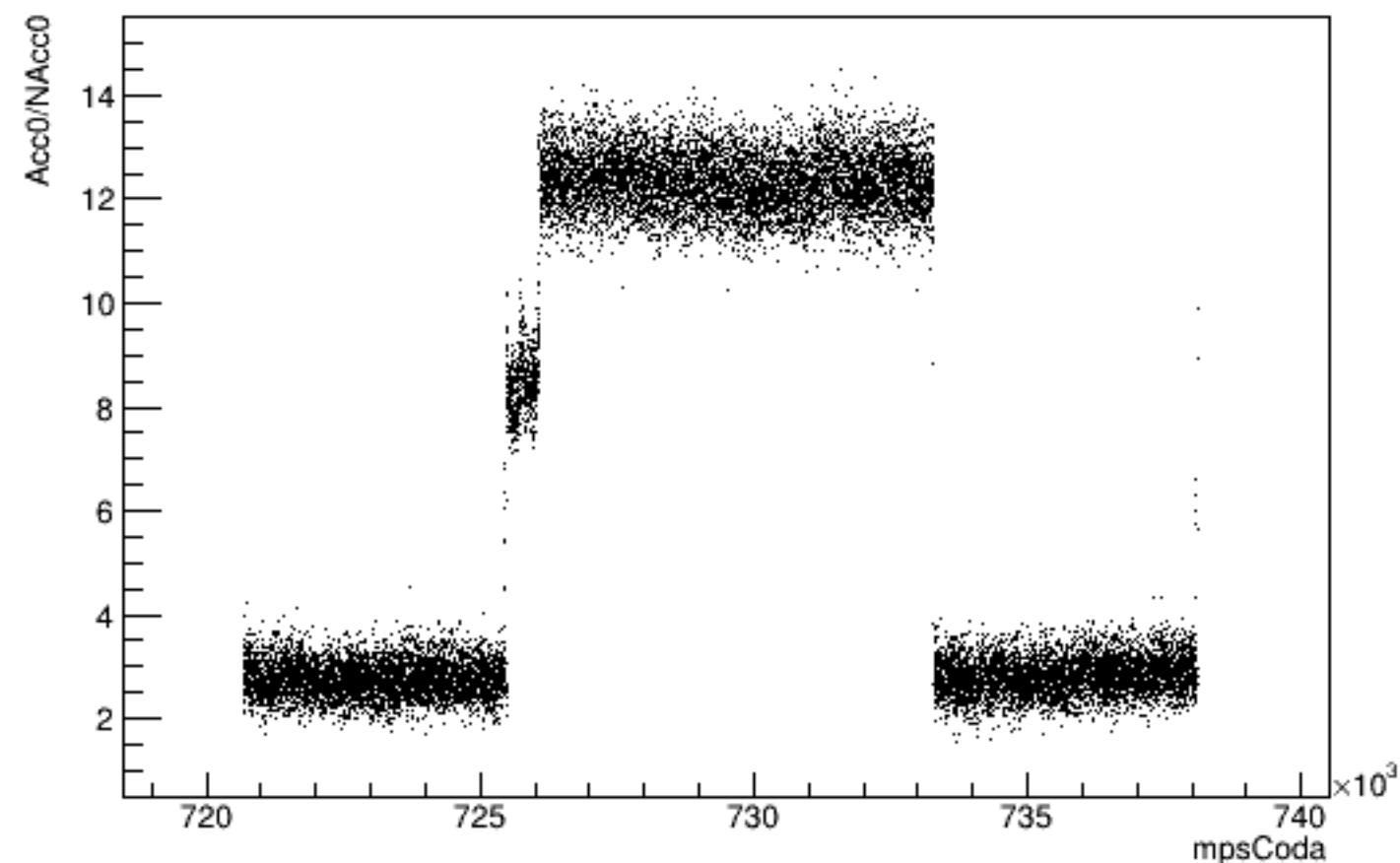
Cycle 27, Asyms

Entries: 1197	Entries: 1806	Entries: 1197
Mean: -0.0011 +/- 0.0005	Mean: 0.0309 +/- 0.0006	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0175 +/- 0.0004	Std Dev: 0.0240 +/- 0.0004	Std Dev: 0.0183 +/- 0.0004

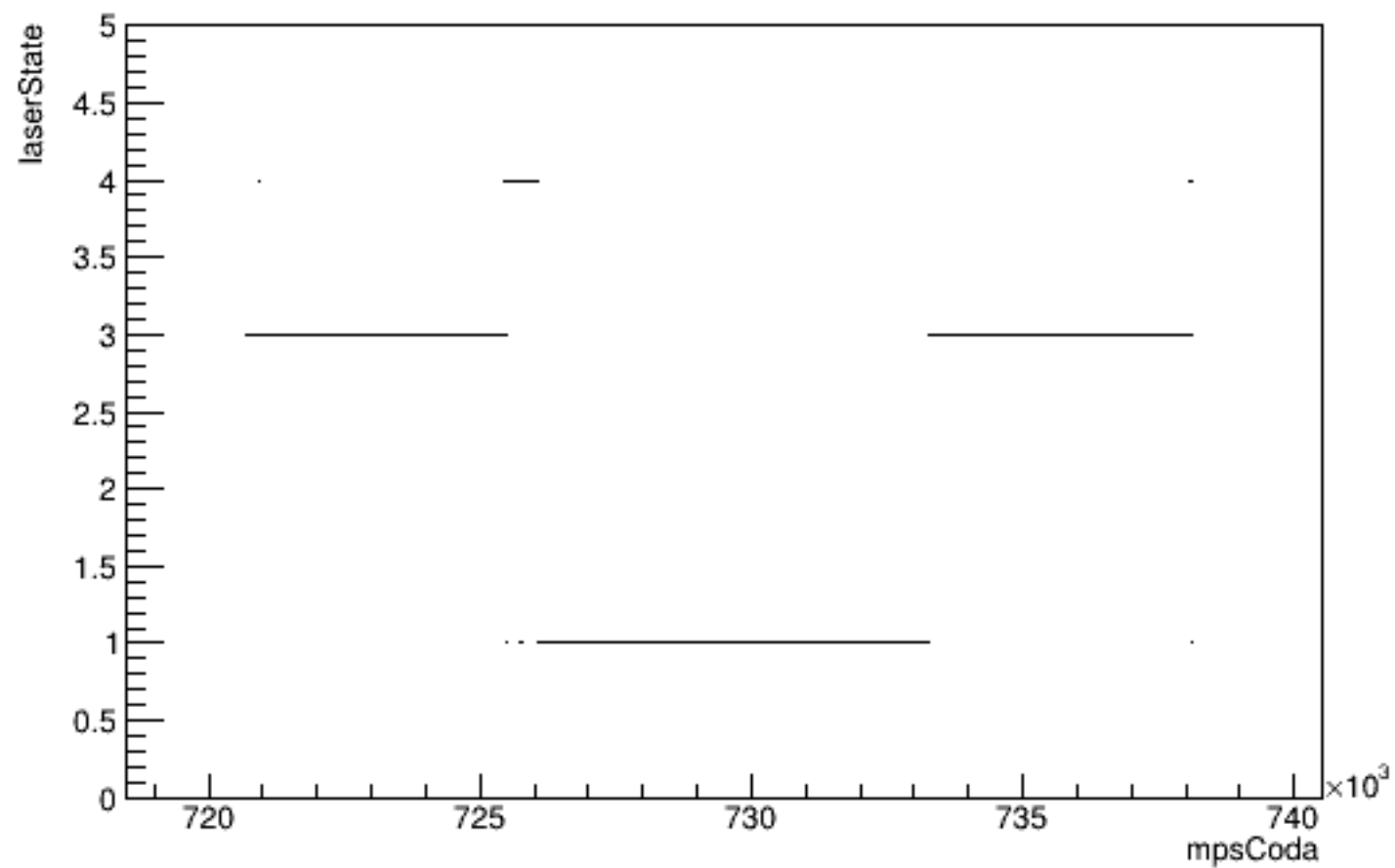
Run 6154 quartetwise, Asyms



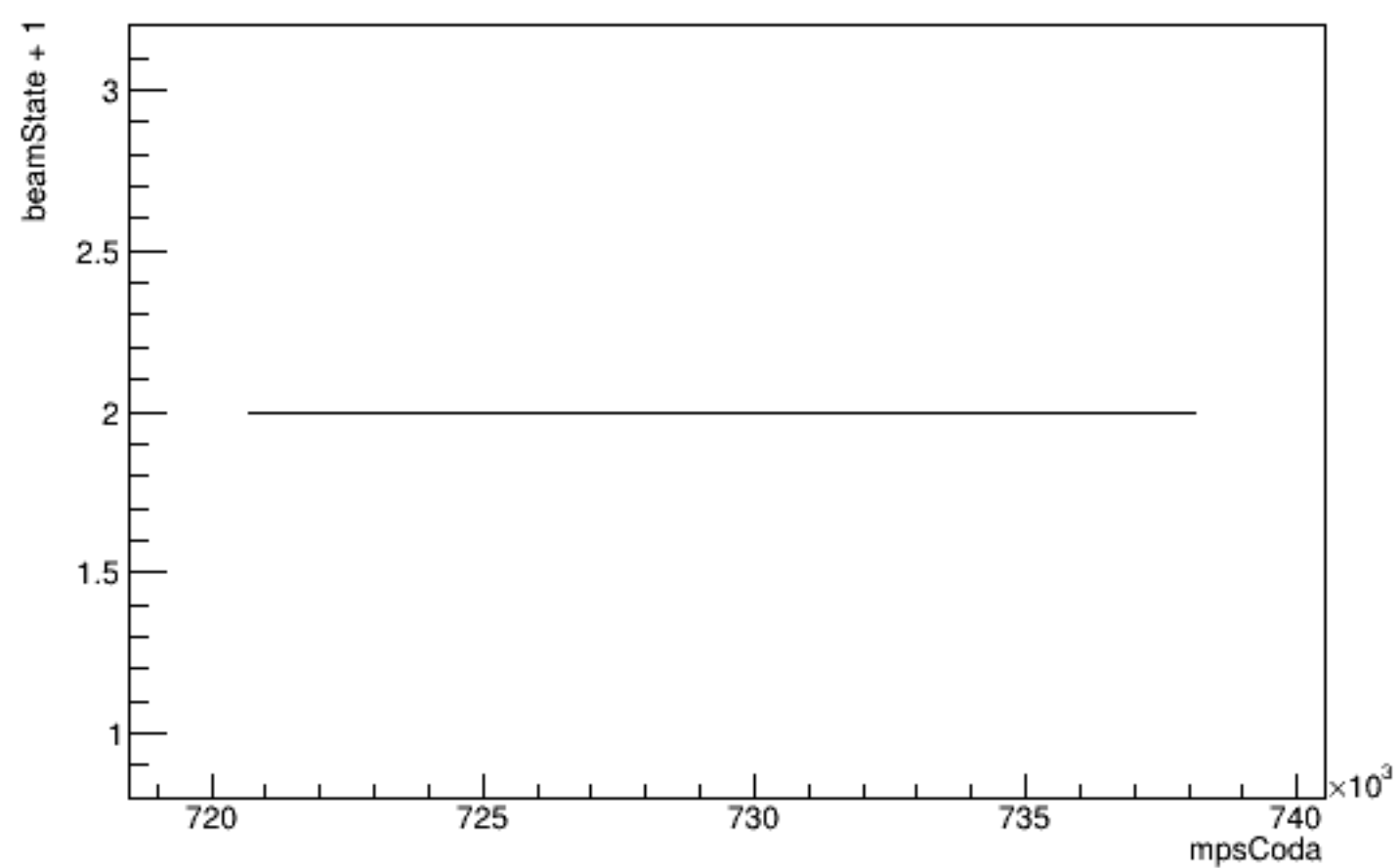
Acc0/NAcc0:mpsCoda (mpsCoda>=720669 && mpsCoda<=738100 && beamState==1)



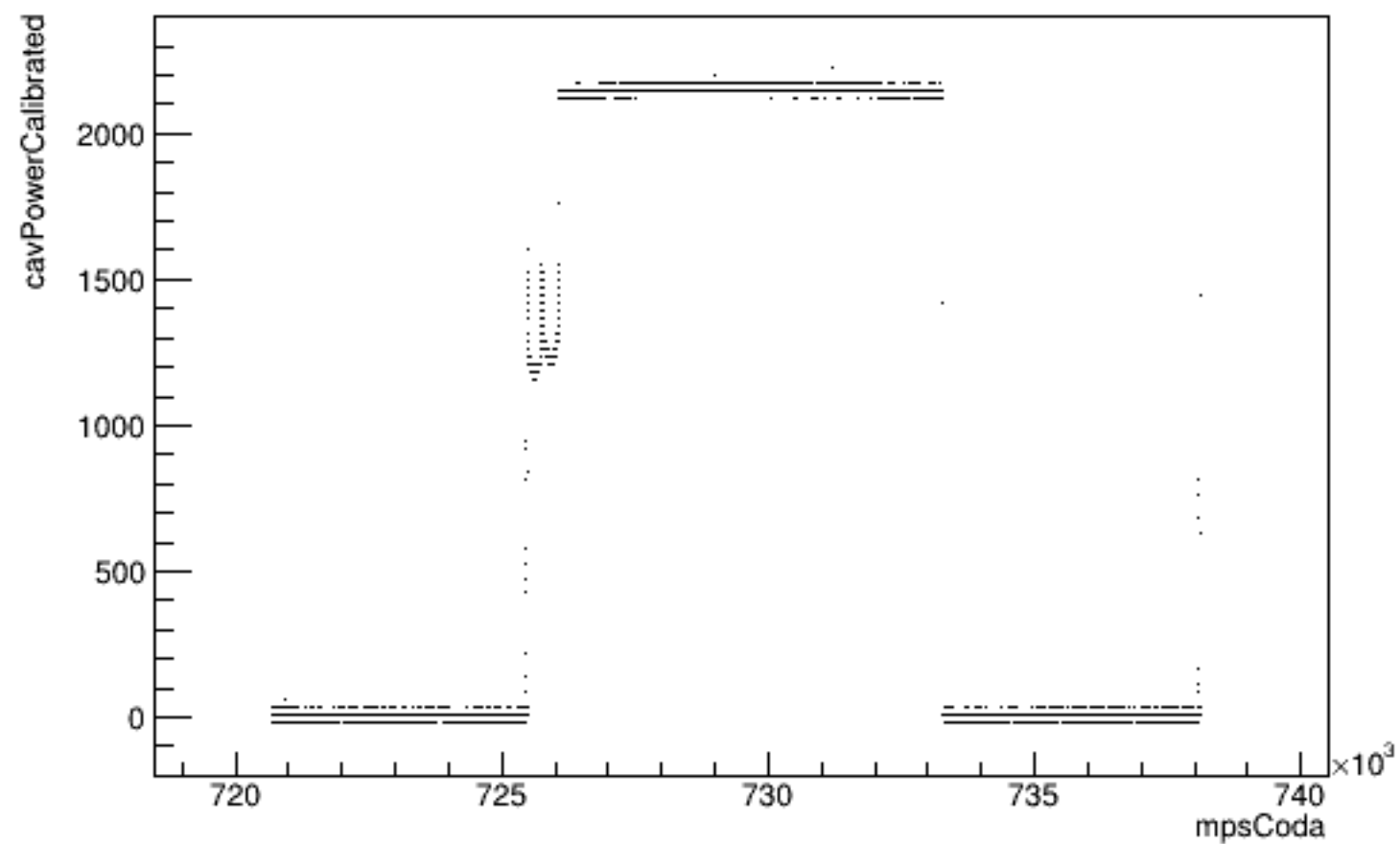
laserState:mpsCoda {mpsCoda>=720669 && mpsCoda<=738100}



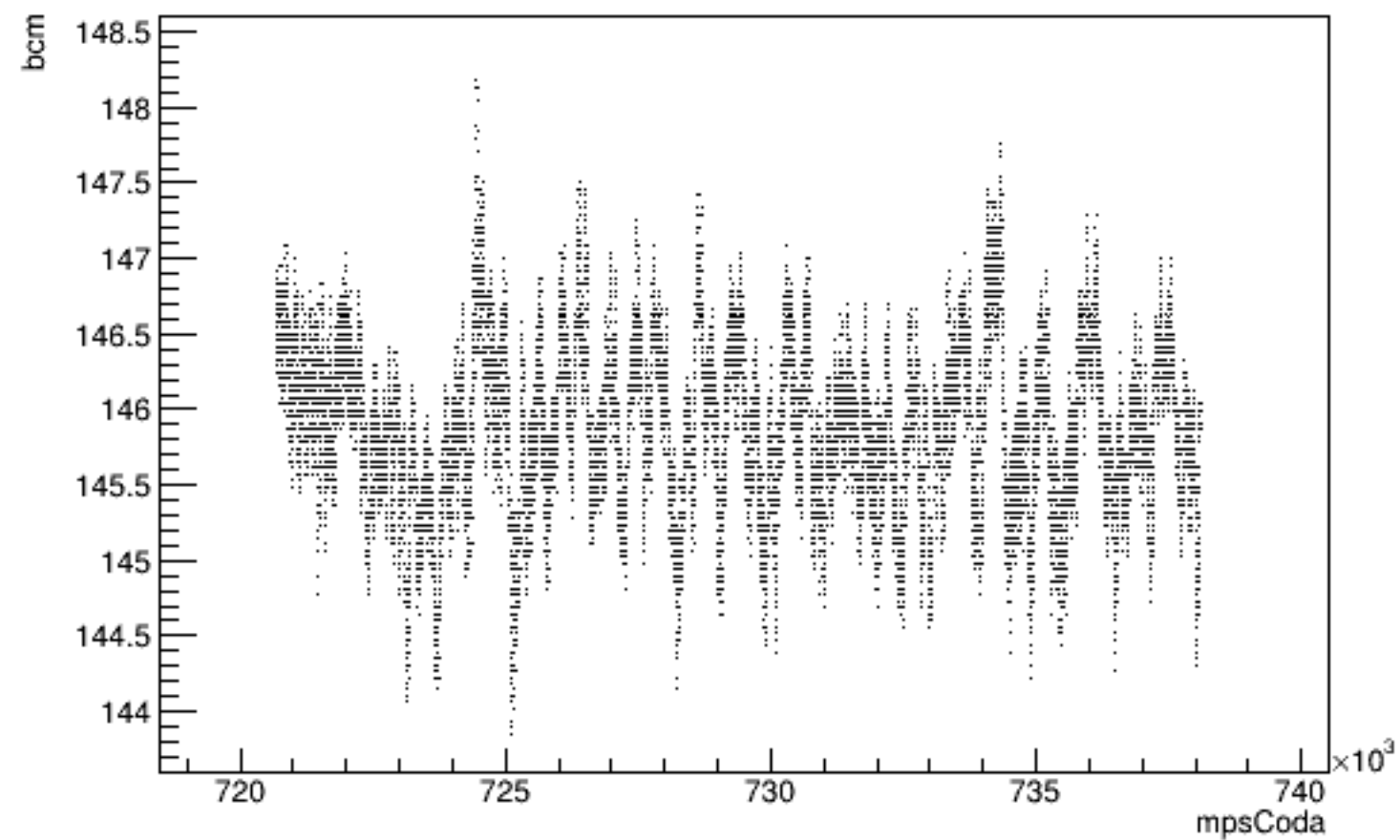
beamState + 1:mpsCoda {mpsCoda>=720669 && mpsCoda<=738100}



cavPowerCalibrated:mpsCoda {mpsCoda>=720669 && mpsCoda<=738100}



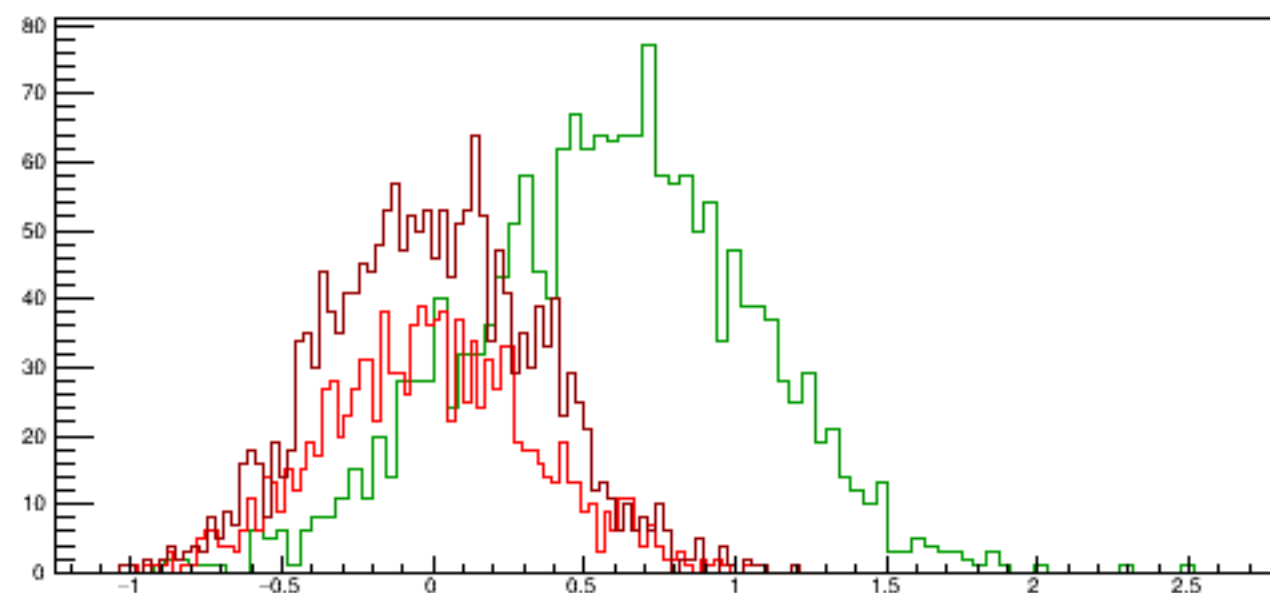
bcm:mpsCoda {mpsCoda>=720669 && mpsCoda<=738100}



Cycle 28, Diffs

Entries: 1197	Entries: 1801	Entries: 1802
Mean: -0.0052 +/- 0.0101	Mean: 0.5860 +/- 0.0109	Mean: -0.0017 +/- 0.0082
Std Dev: 0.3483 +/- 0.0071	Std Dev: 0.4638 +/- 0.0077	Std Dev: 0.3488 +/- 0.0058

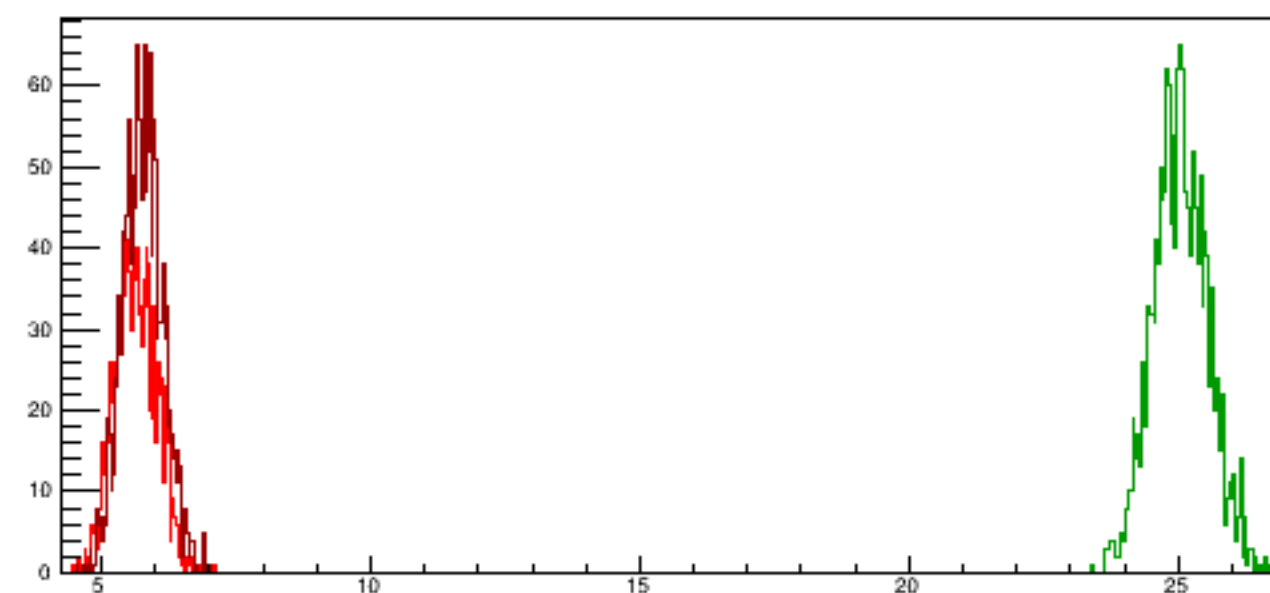
Run 6154 quartetwise, Diffs



Cycle 28, Sums

Entries: 1197	Entries: 1801	Entries: 1802
Mean: 5.6341 +/- 0.0112	Mean: 25.0457 +/- 0.0120	Mean: 5.7722 +/- 0.0086
Std Dev: 0.3891 +/- 0.0080	Std Dev: 0.5103 +/- 0.0085	Std Dev: 0.3664 +/- 0.0061

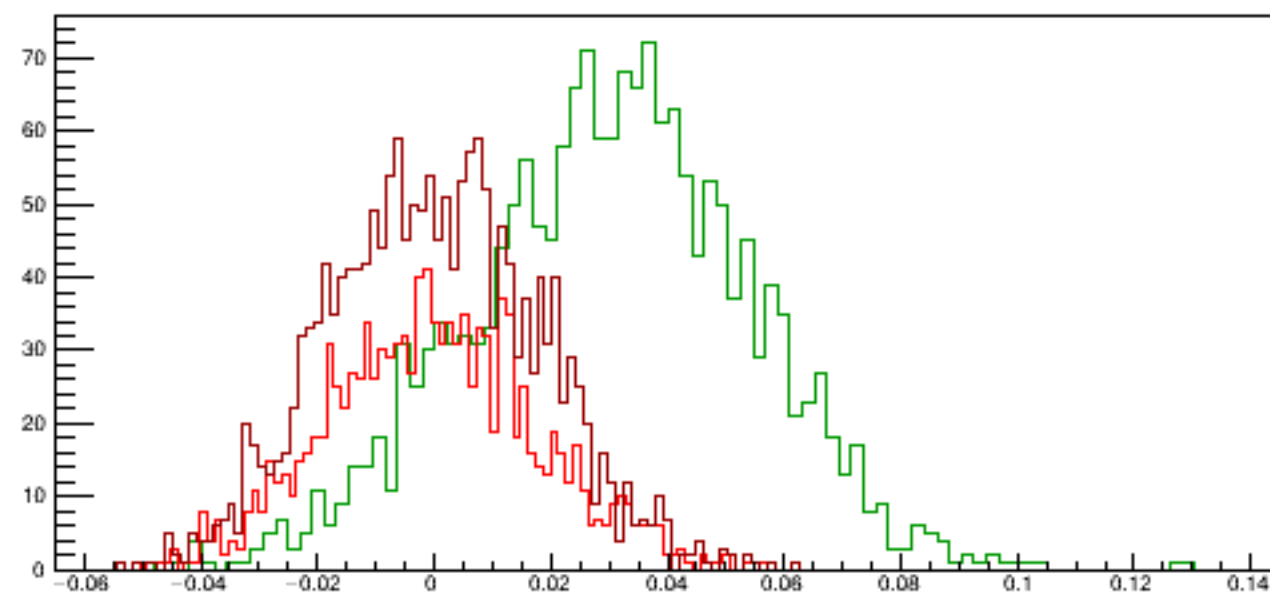
Run 6154 quartetwise, Sums



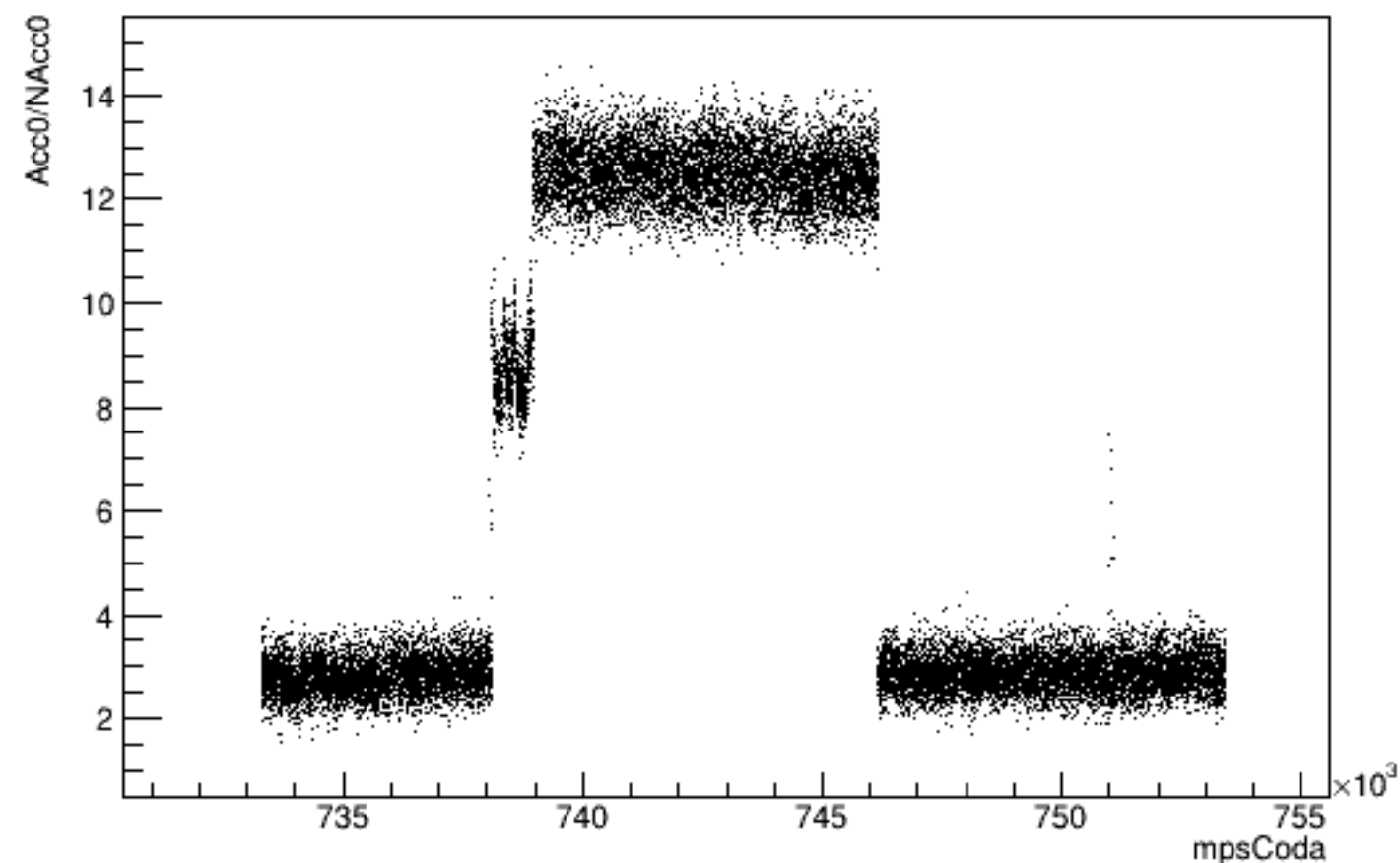
Cycle 28, Asyms

Entries: 1197	Entries: 1801	Entries: 1802
Mean: -0.0003 +/- 0.0005	Mean: 0.0303 +/- 0.0006	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0180 +/- 0.0004	Std Dev: 0.0240 +/- 0.0004	Std Dev: 0.0180 +/- 0.0003

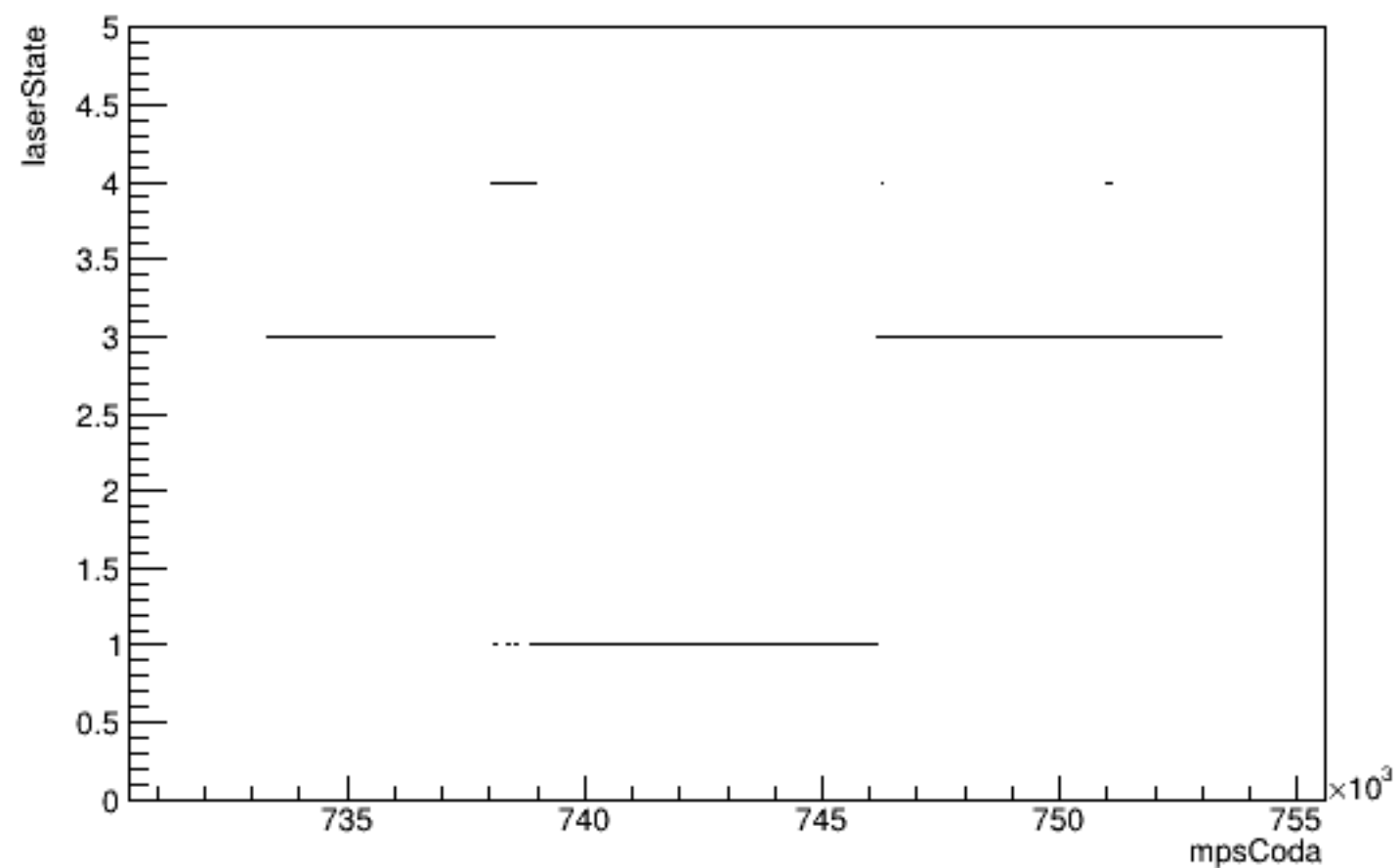
Run 6154 quartetwise, Asyms



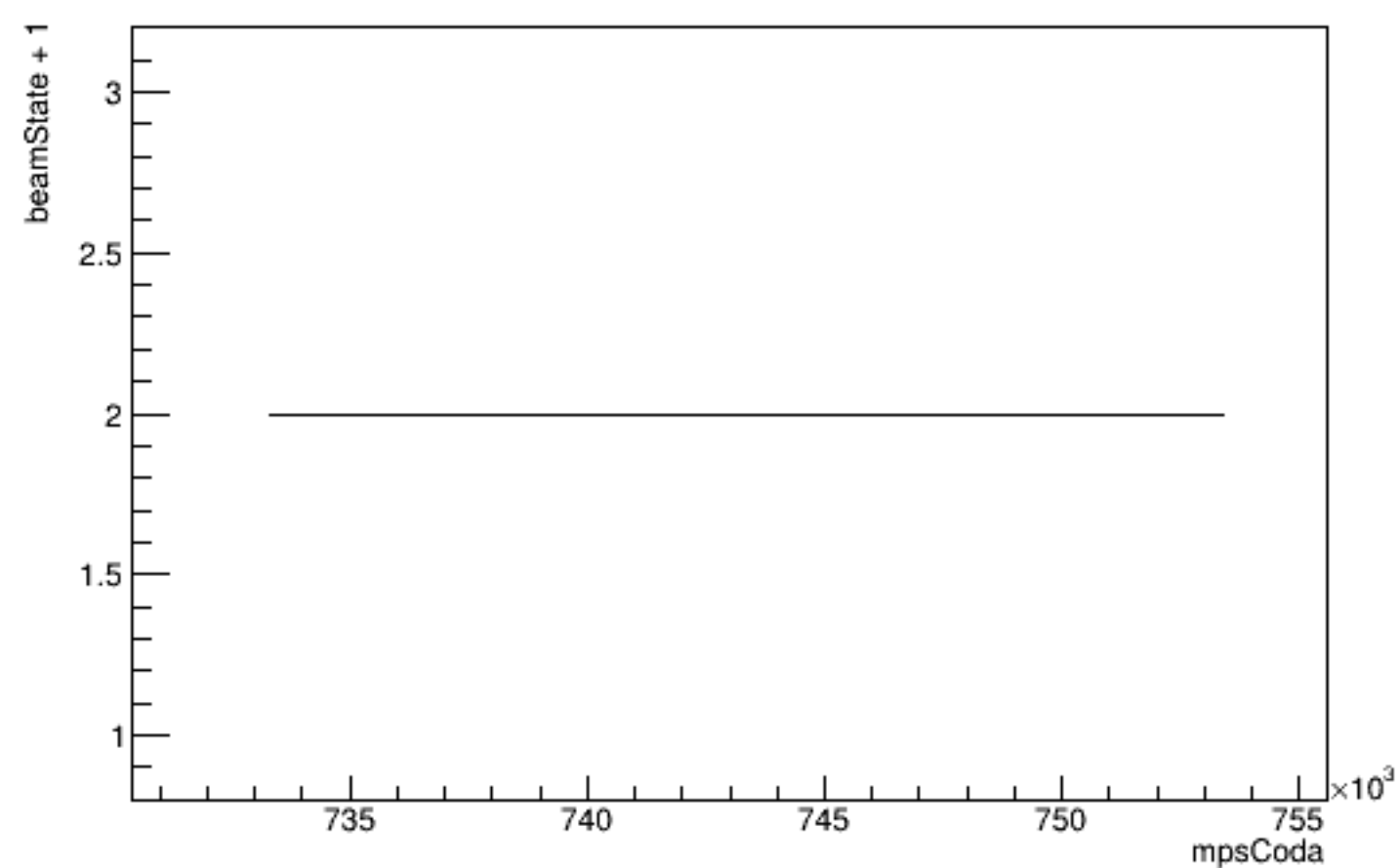
Acc0/NAcc0:mpsCoda (mpsCoda>=733293 && mpsCoda<=753416 && beamState==1)



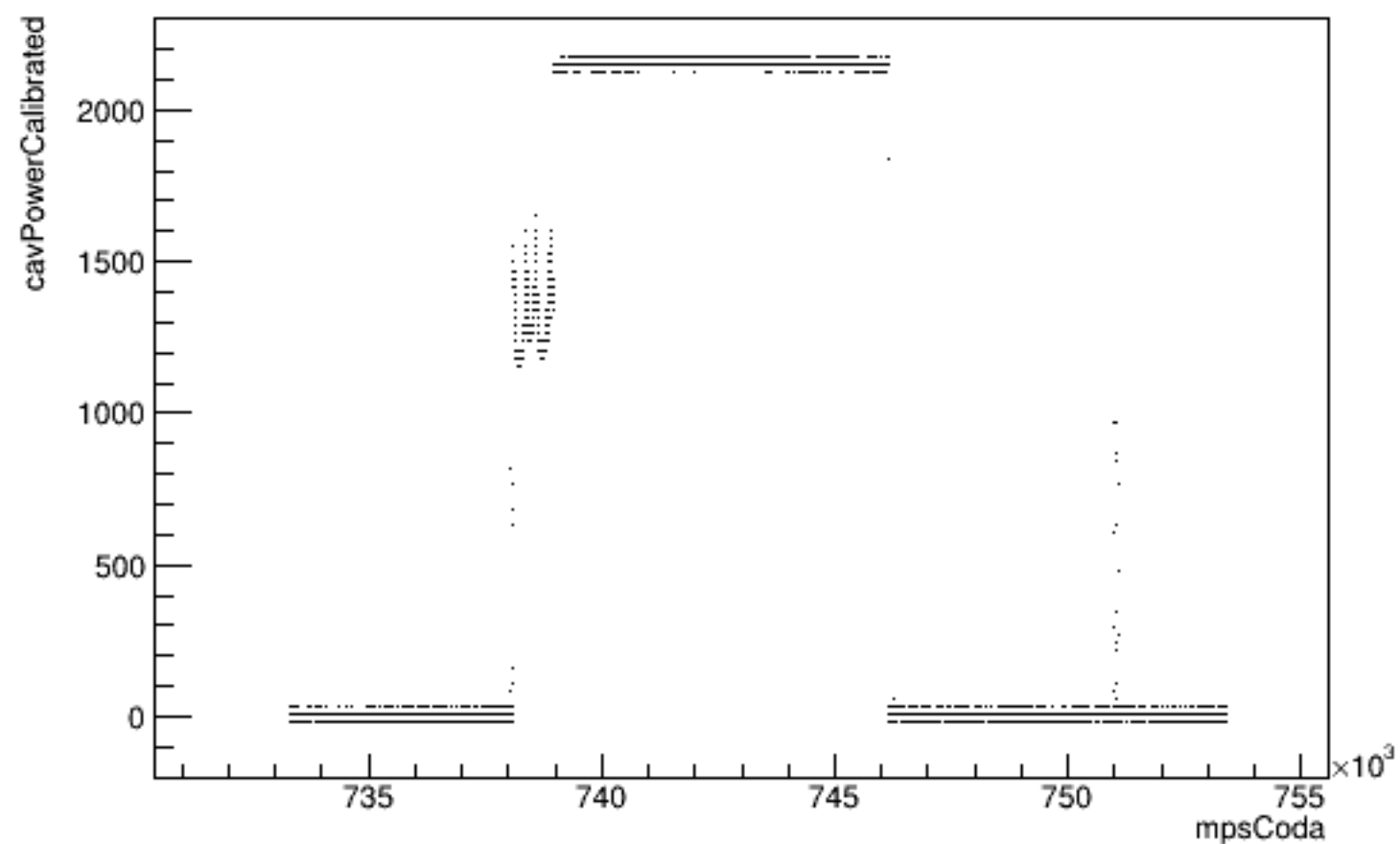
laserState:mpsCoda {mpsCoda>=733293 && mpsCoda<=753416}



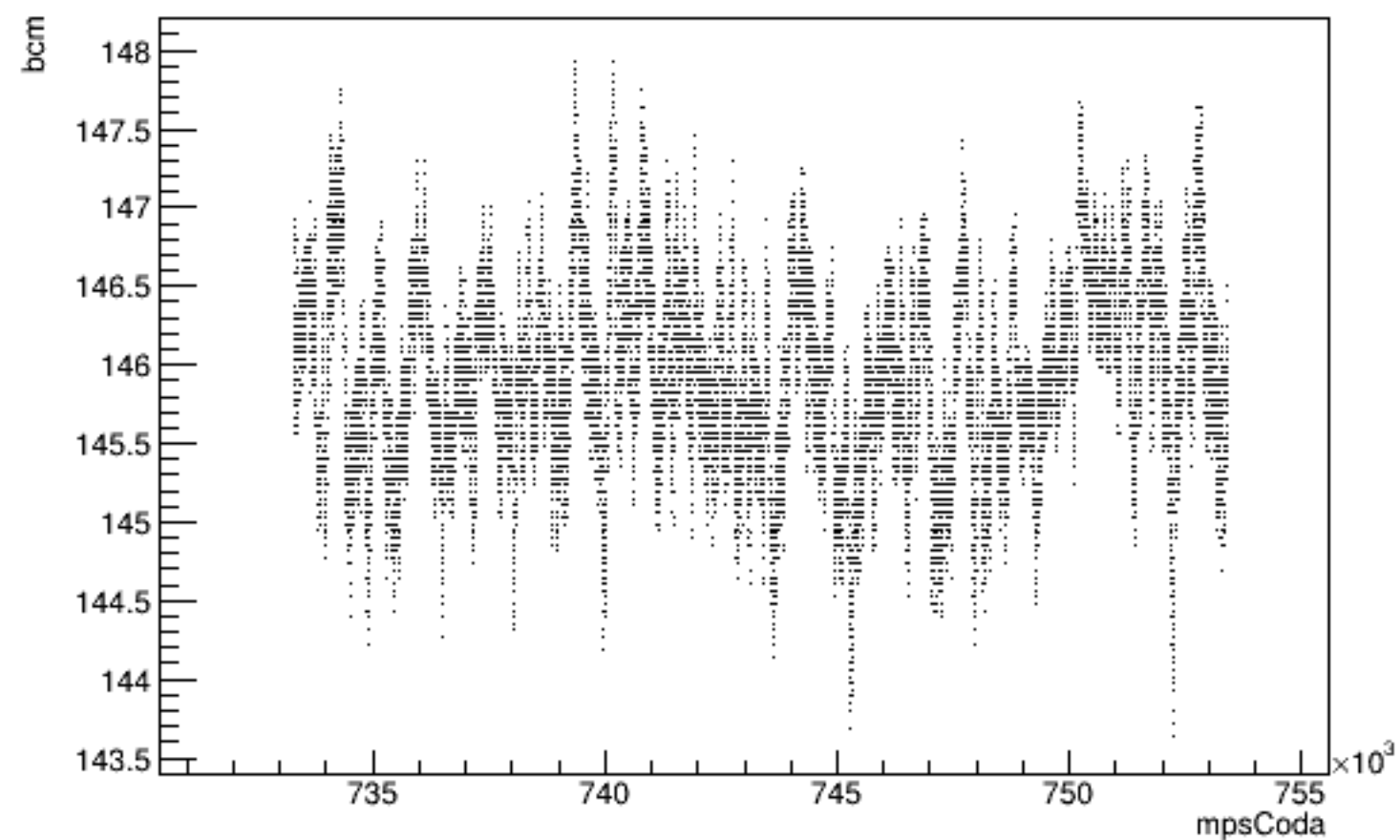
beamState + 1:mpsCoda {mpsCoda>=733293 && mpsCoda<=753416}



cavPowerCalibrated:mpsCoda {mpsCoda>=733293 && mpsCoda<=753416}



bcm:mpsCoda {mpsCoda>=733293 && mpsCoda<=753416}



Cycle 29, Diffs

Entries: 1802

Mean: -0.0017 +/- 0.0082

Std Dev: 0.3488 +/- 0.0058

Entries: 1800

Mean: 0.5992 +/- 0.0109

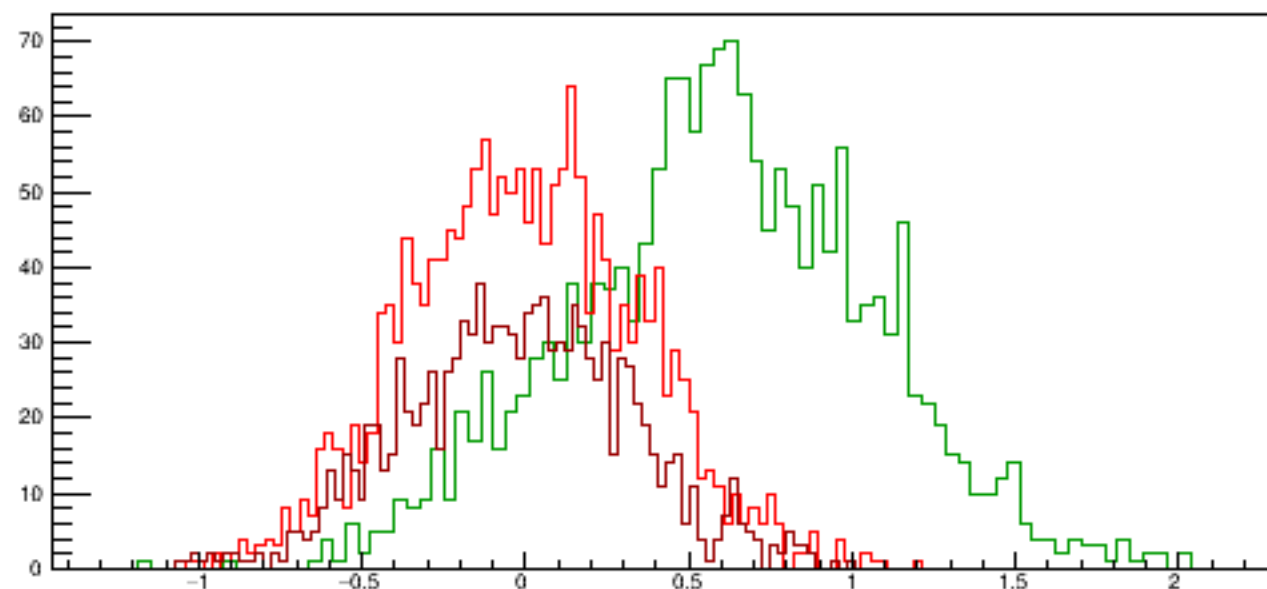
Std Dev: 0.4635 +/- 0.0077

Entries: 1201

Mean: -0.0208 +/- 0.0100

Std Dev: 0.3451 +/- 0.0070

Run 6154 quartetwise, Diffs



Cycle 29, Sums

Entries: 1802

Mean: 5.7722 +/- 0.0086

Std Dev: 0.3664 +/- 0.0061

Entries: 1800

Mean: 24.8362 +/- 0.0121

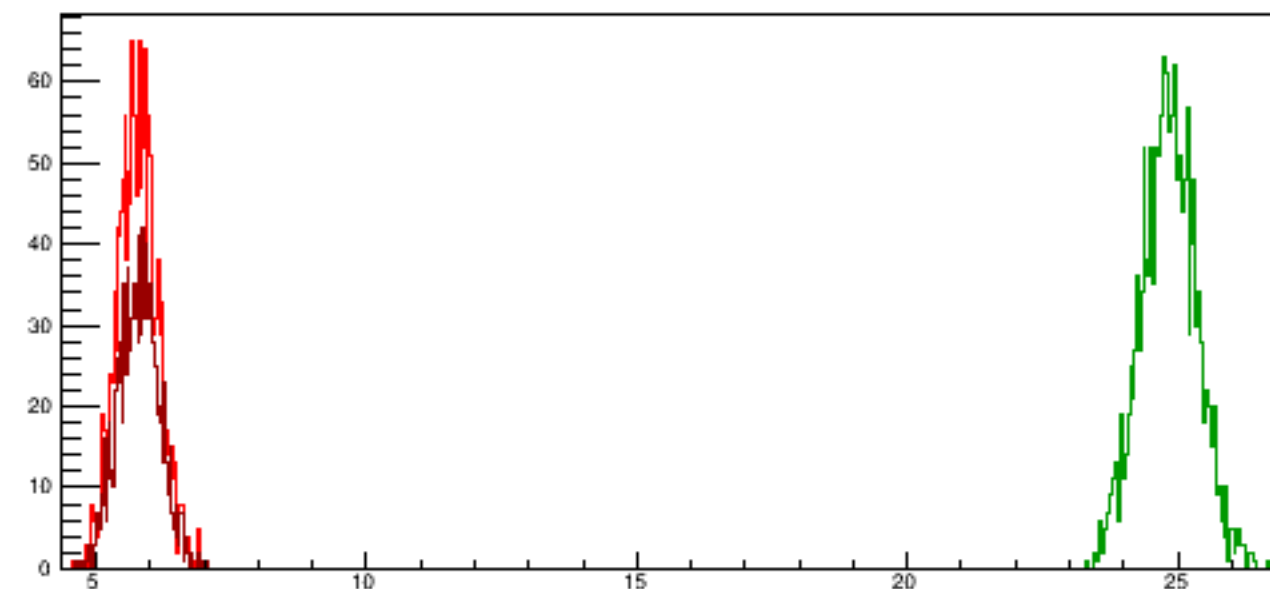
Std Dev: 0.5135 +/- 0.0086

Entries: 1201

Mean: 5.7937 +/- 0.0109

Std Dev: 0.3767 +/- 0.0077

Run 6154 quartetwise, Sums



Cycle 29, Asyms

Entries: 1802

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0183 +/- 0.0003

Entries: 1800

Mean: 0.0315 +/- 0.0006

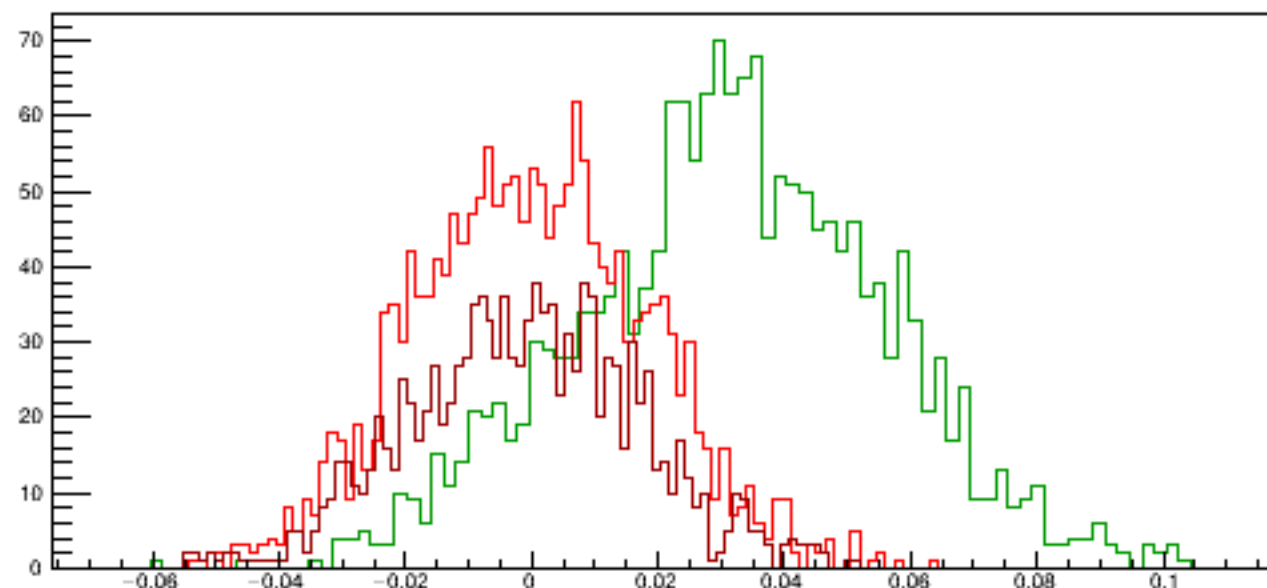
Std Dev: 0.0243 +/- 0.0004

Entries: 1201

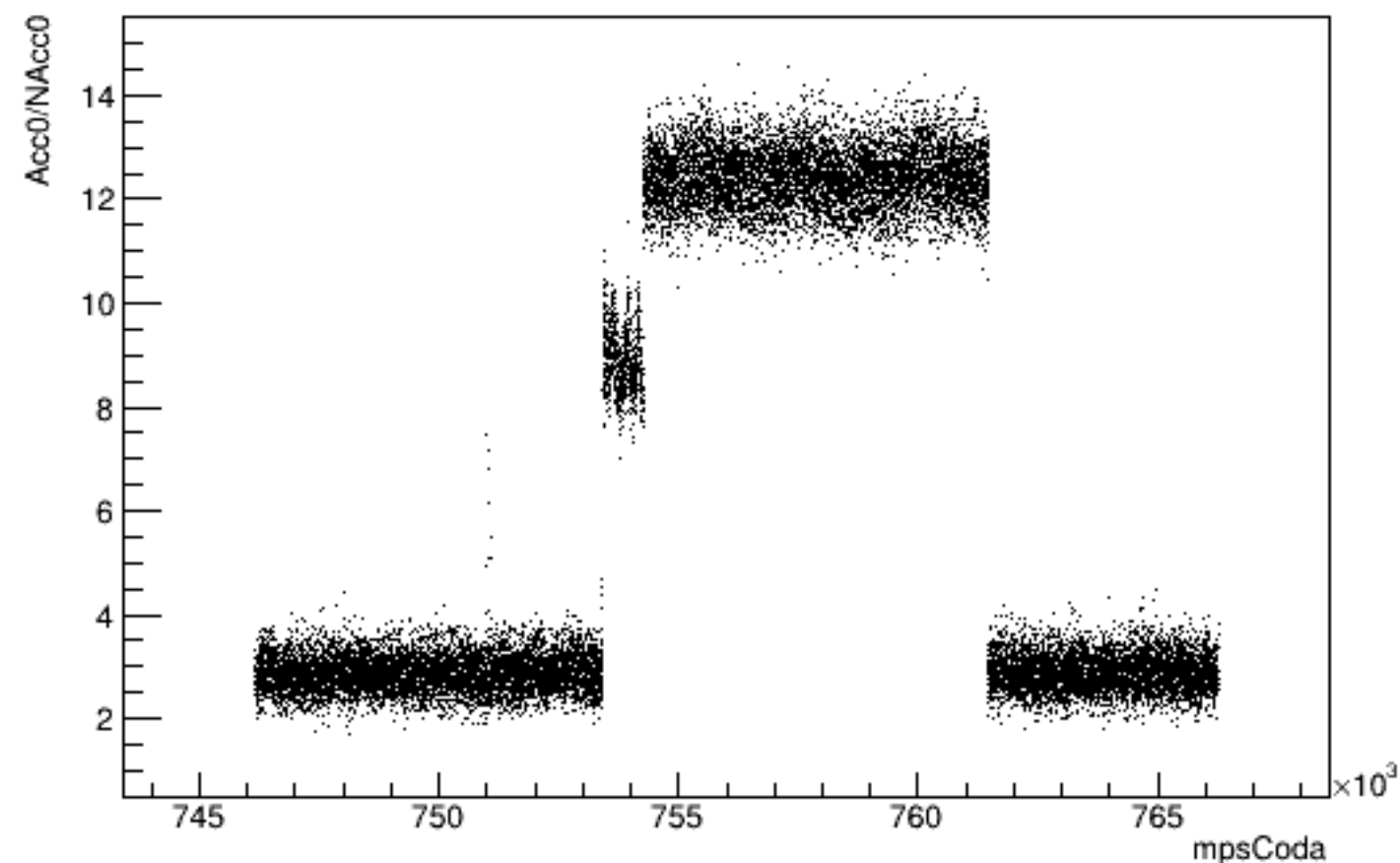
Mean: -0.0011 +/- 0.0005

Std Dev: 0.0181 +/- 0.0004

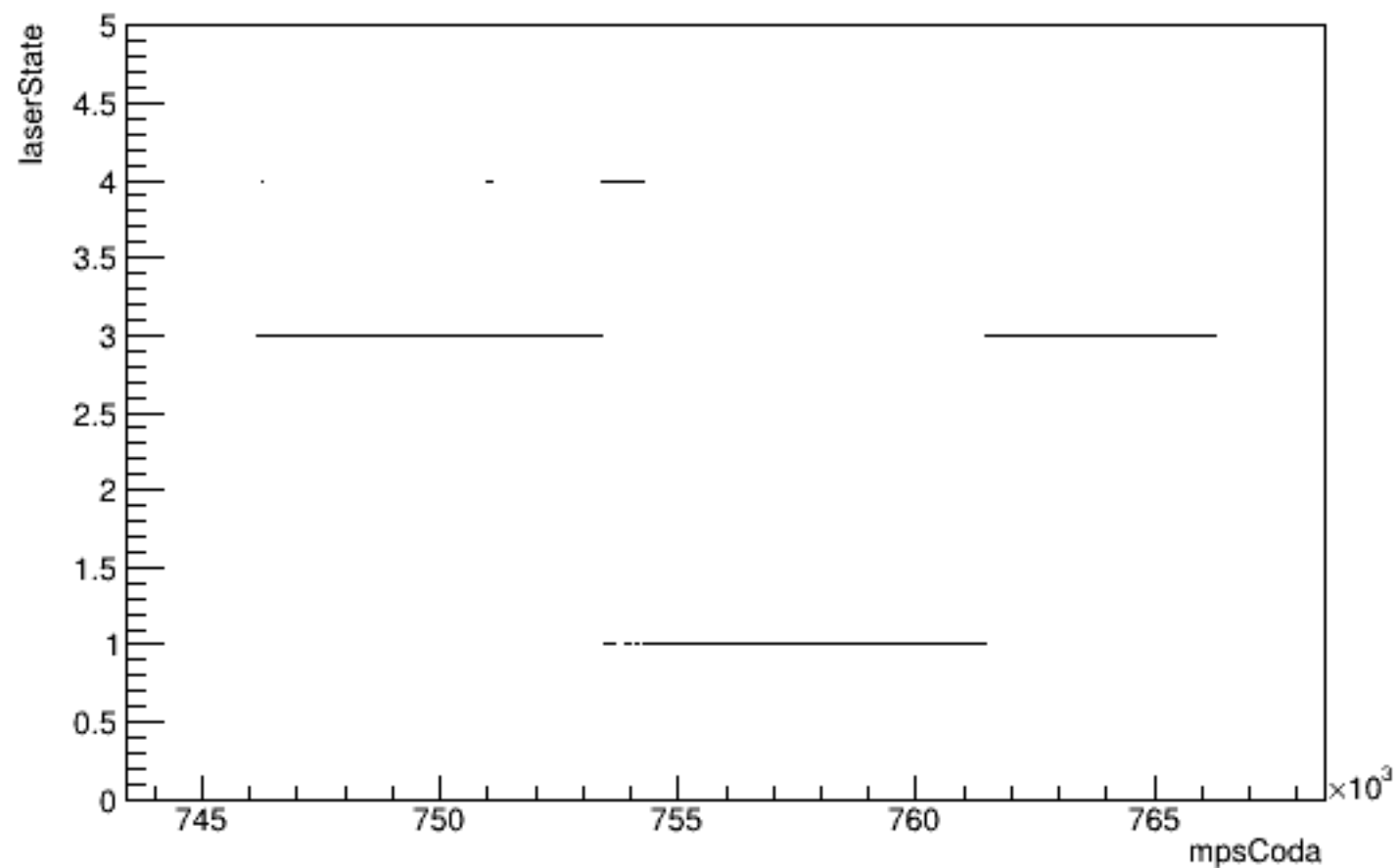
Run 6154 quartetwise, Asyms



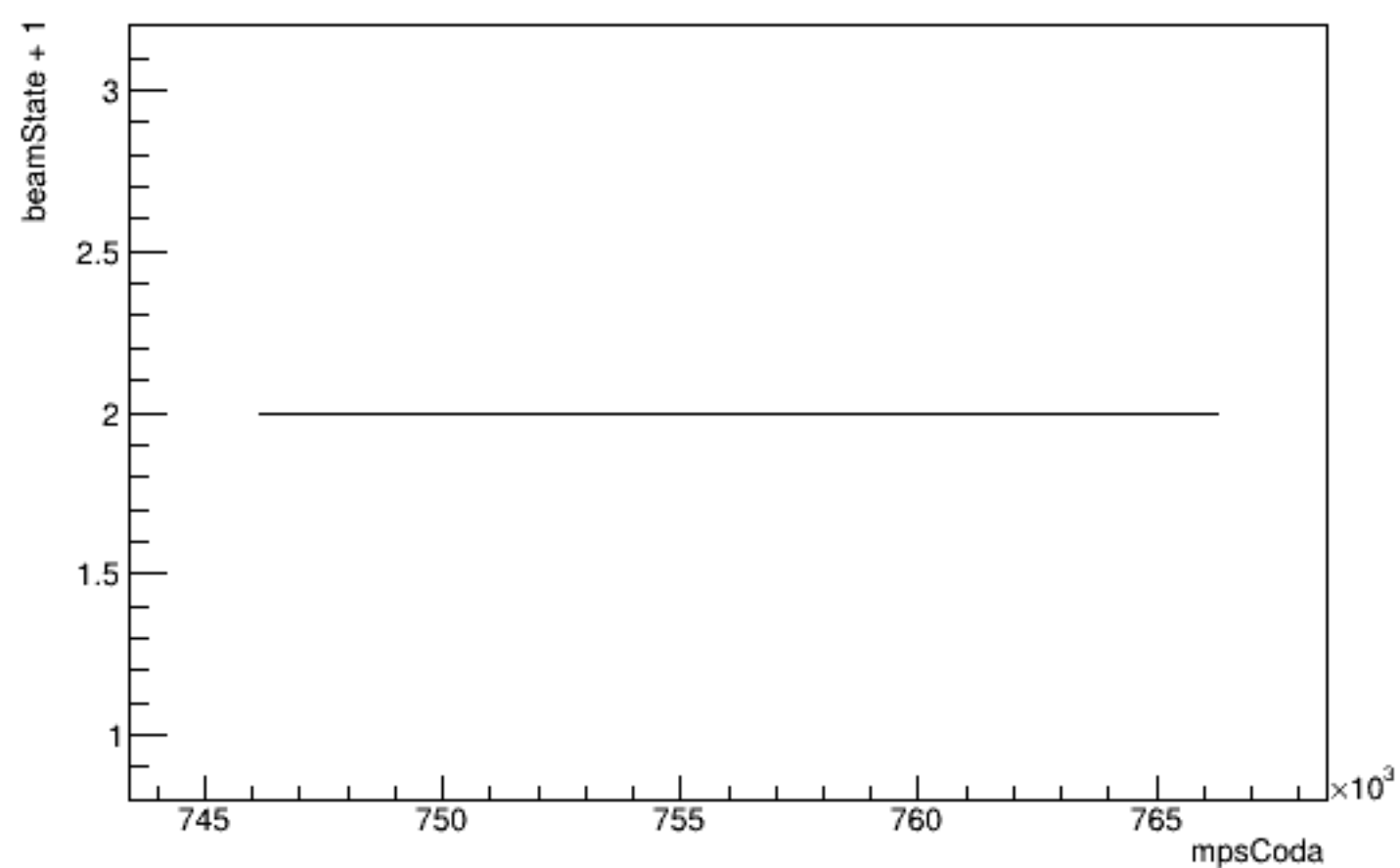
Acc0/NAcc0:mpsCoda (mpsCoda>=746165 && mpsCoda<=766268 && beamState==1)



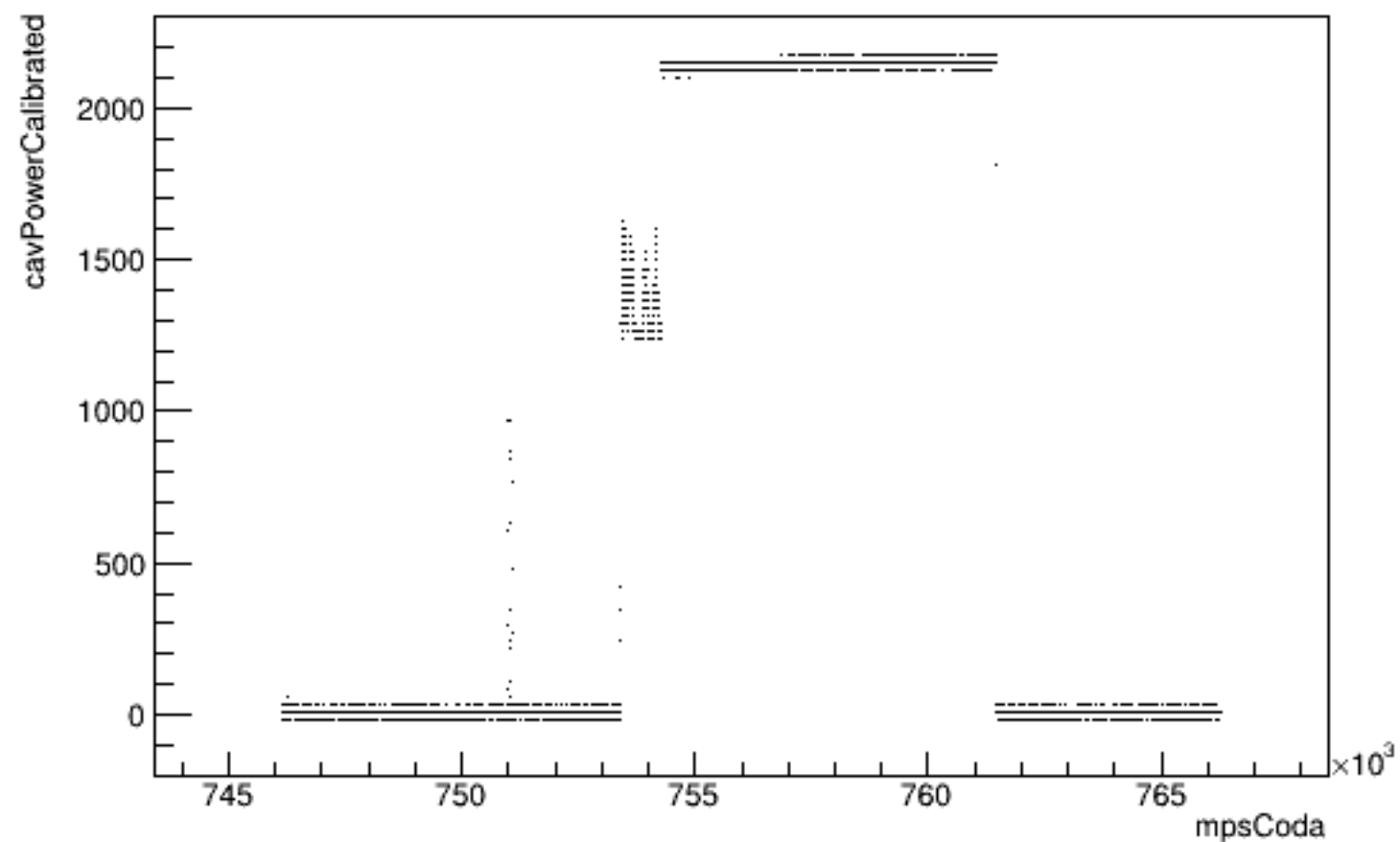
laserState:mpsCoda {mpsCoda>=746165 && mpsCoda<=766268}



beamState + 1:mpsCoda {mpsCoda>=746165 && mpsCoda<=766268}



cavPowerCalibrated:mpsCoda {mpsCoda>=746165 && mpsCoda<=766268}



bcm:mpsCoda {mpsCoda>=746165 && mpsCoda<=766268}

