

Cycle 1, Diffs

Entries: 1502

Mean: -0.0872 +/- 0.0099

Std Dev: 0.3822 +/- 0.0070

Entries: 1801

Mean: 0.3802 +/- 0.0113

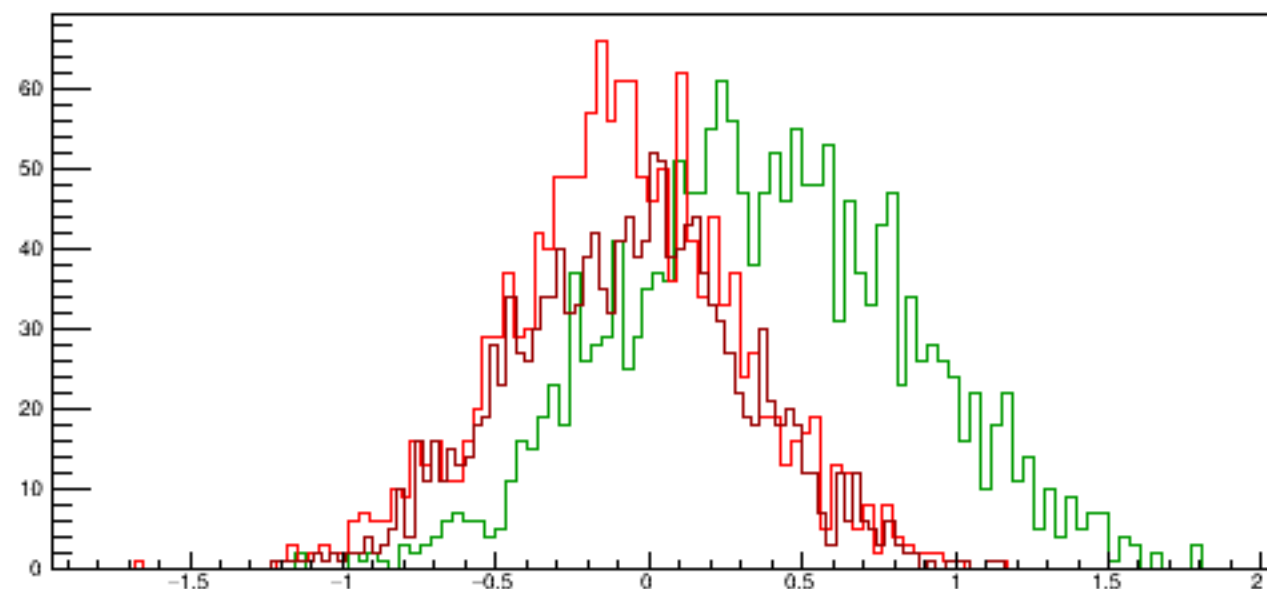
Std Dev: 0.4778 +/- 0.0080

Entries: 1490

Mean: -0.0682 +/- 0.0098

Std Dev: 0.3799 +/- 0.0070

Run 6211 quartetwise, Diffs



Cycle 1, Sums

Entries: 1502

Mean: 5.5461 +/- 0.0103

Std Dev: 0.4004 +/- 0.0073

Entries: 1801

Mean: 20.8590 +/- 0.0125

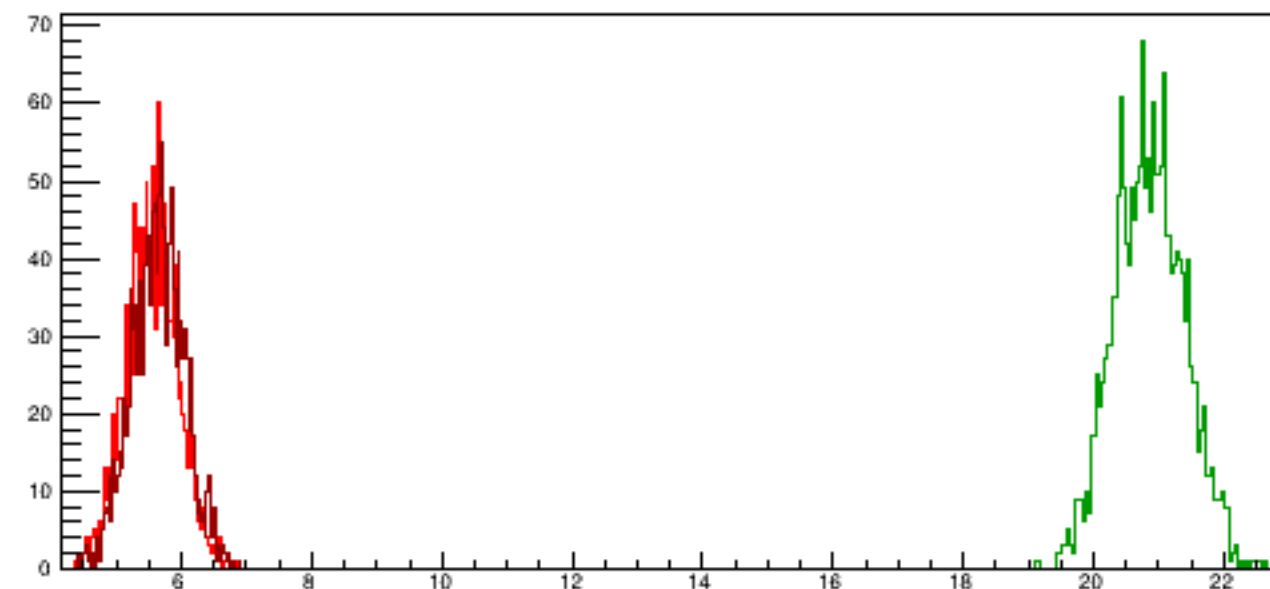
Std Dev: 0.5317 +/- 0.0089

Entries: 1490

Mean: 5.6417 +/- 0.0103

Std Dev: 0.3979 +/- 0.0073

Run 6211 quartetwise, Sums



Cycle 1, Asyms

Entries: 1502

Mean: -0.0057 +/- 0.0006

Std Dev: 0.0250 +/- 0.0005

Entries: 1801

Mean: 0.0249 +/- 0.0007

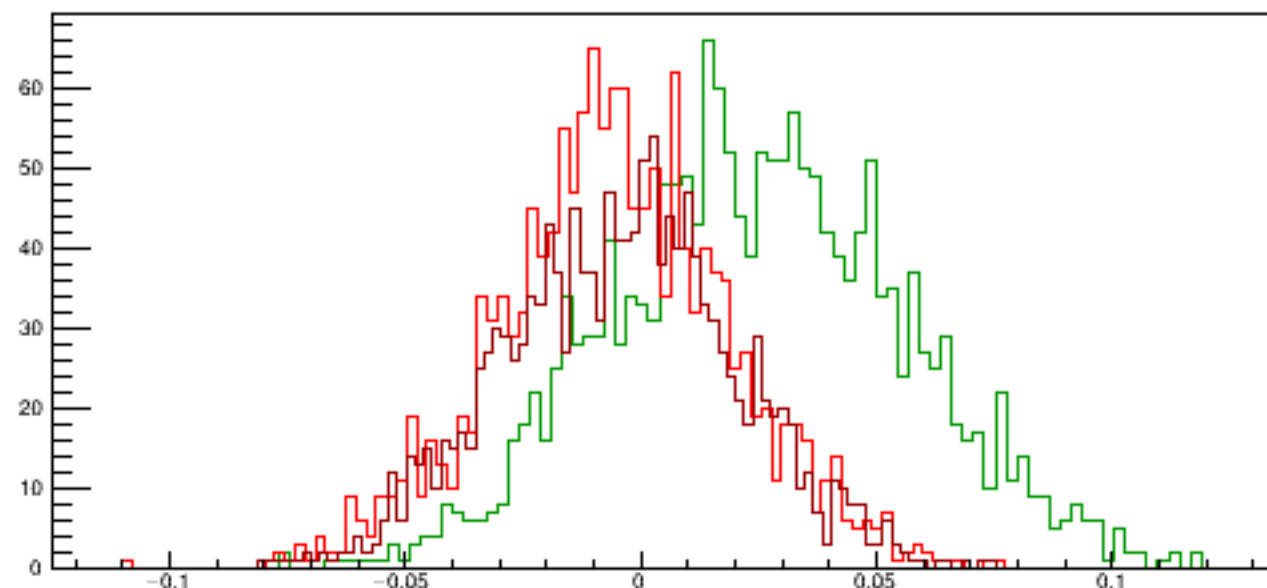
Std Dev: 0.0313 +/- 0.0005

Entries: 1490

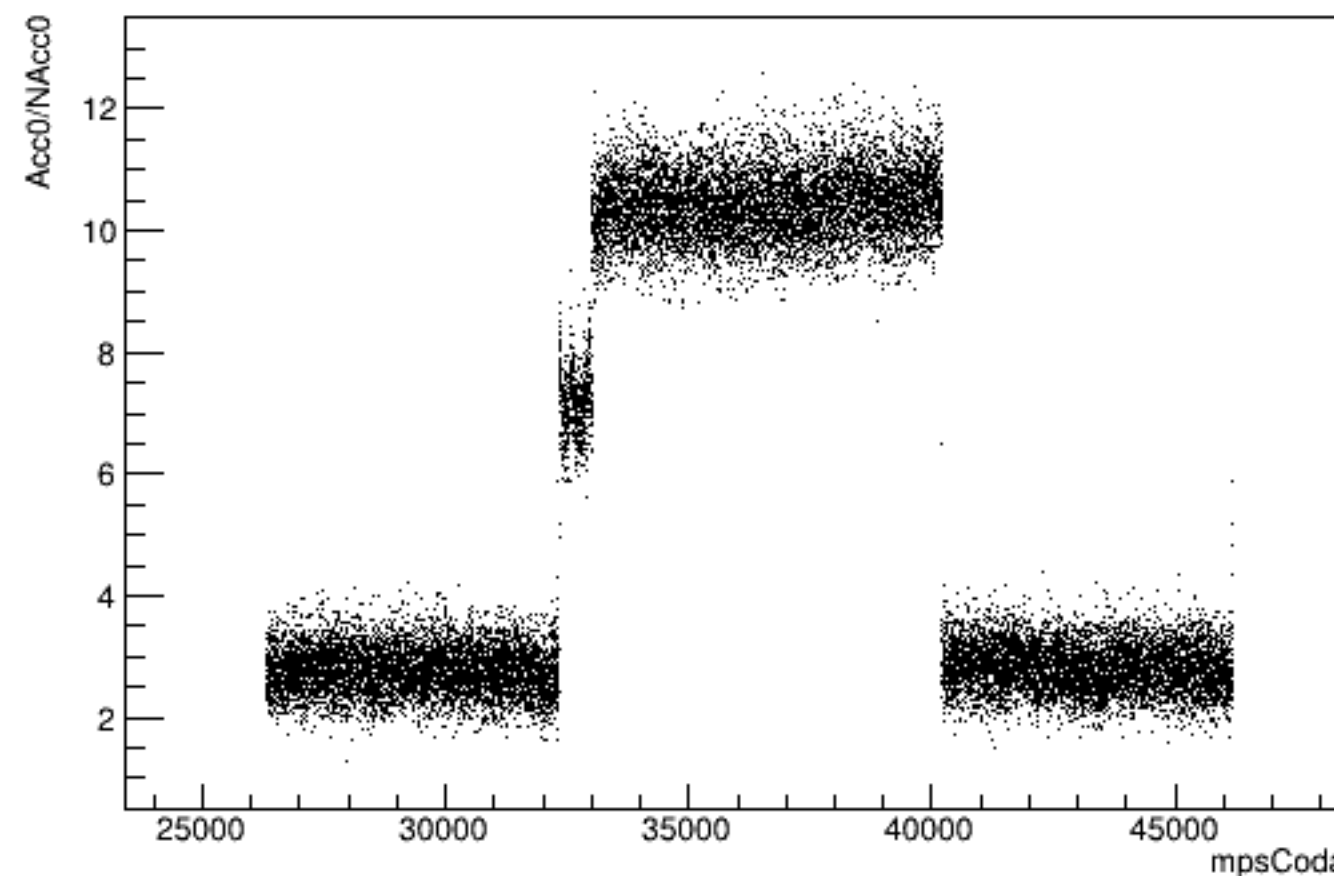
Mean: -0.0045 +/- 0.0006

Std Dev: 0.0249 +/- 0.0005

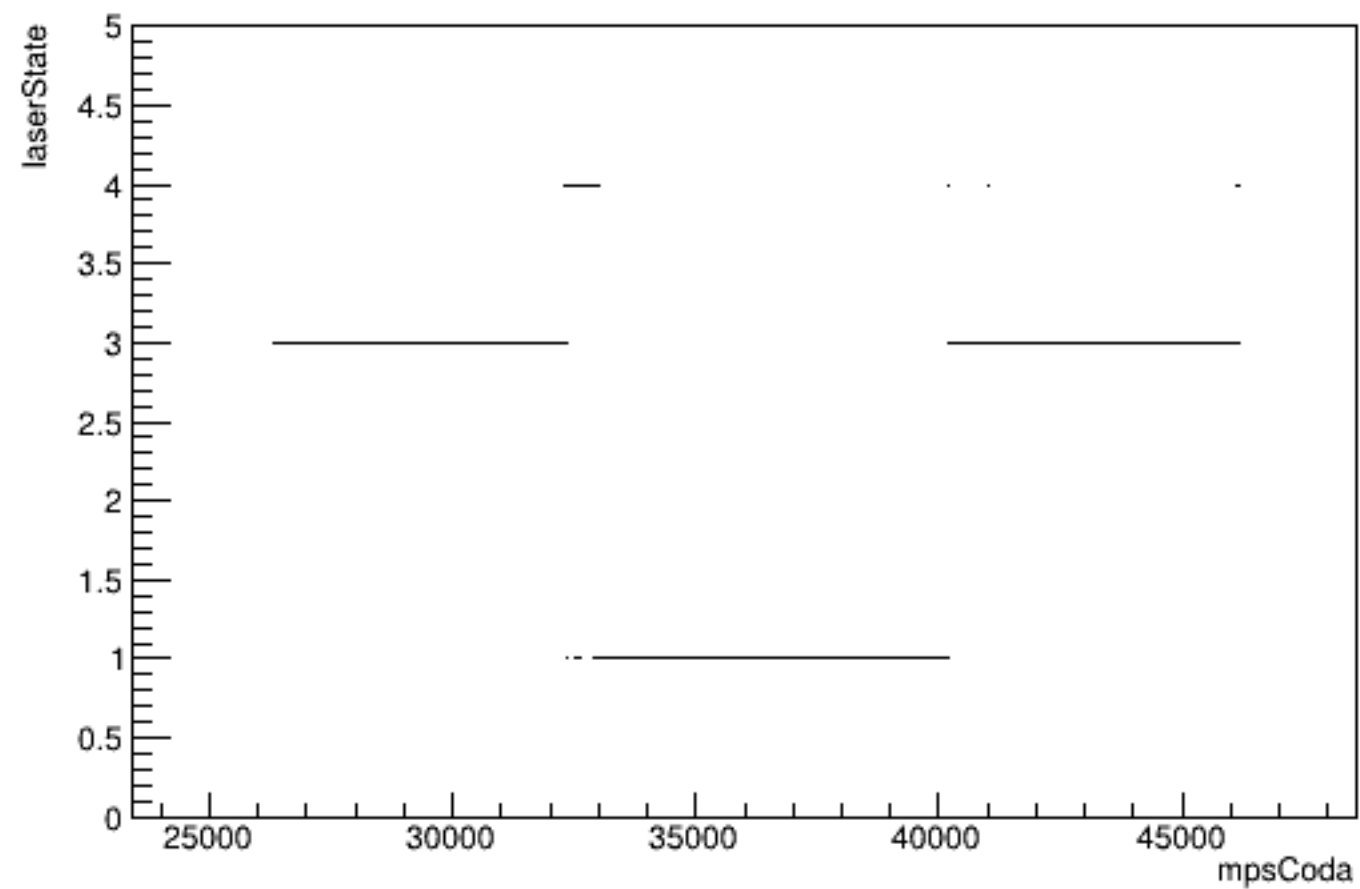
Run 6211 quartetwise, Asyms



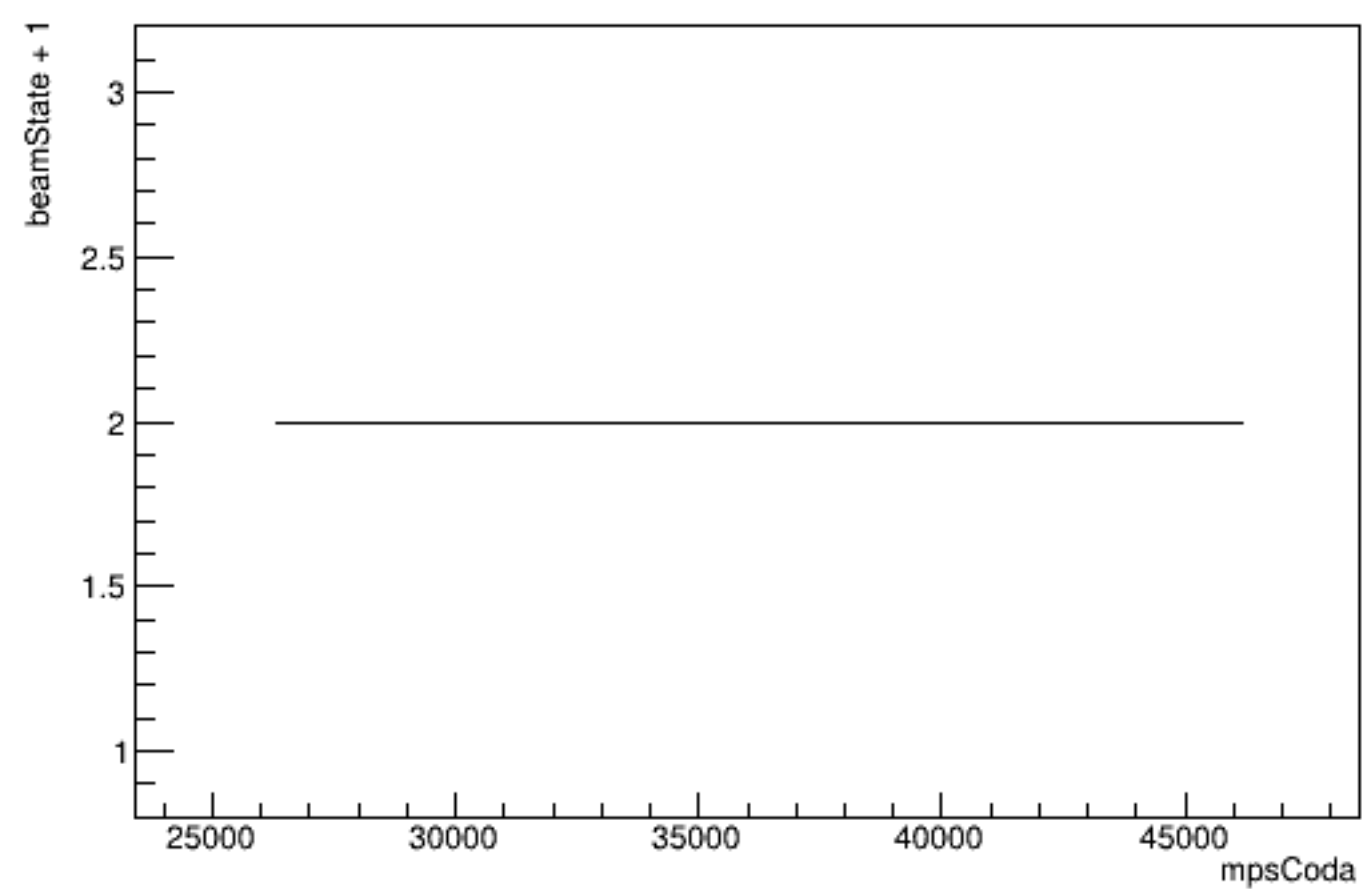
Acc0/NAcc0:mpsCoda {mpsCoda>=26307 && mpsCoda<=46190 && beamState==1}



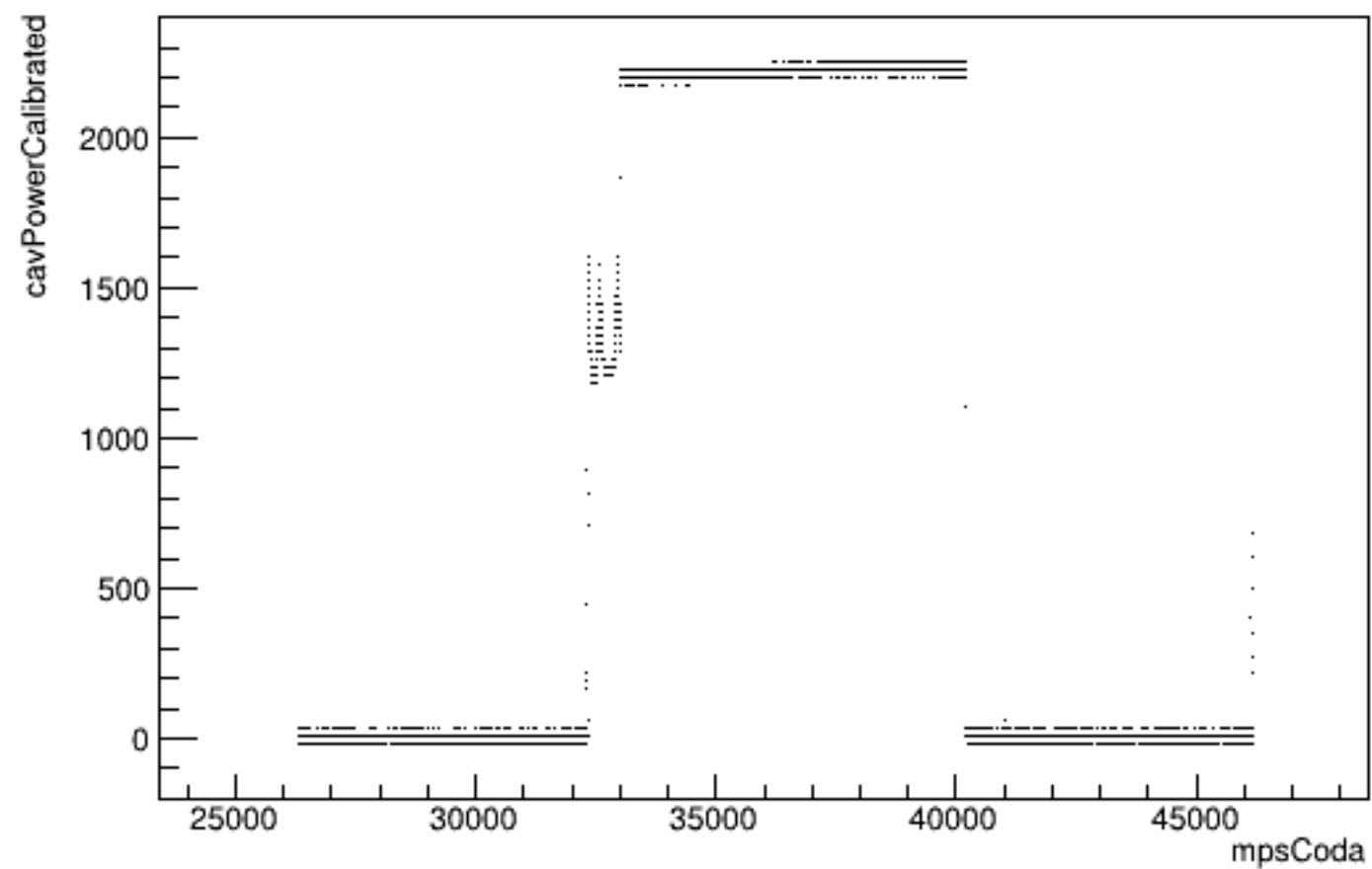
laserState:mpsCoda {mpsCoda>=26307 && mpsCoda<=46190}



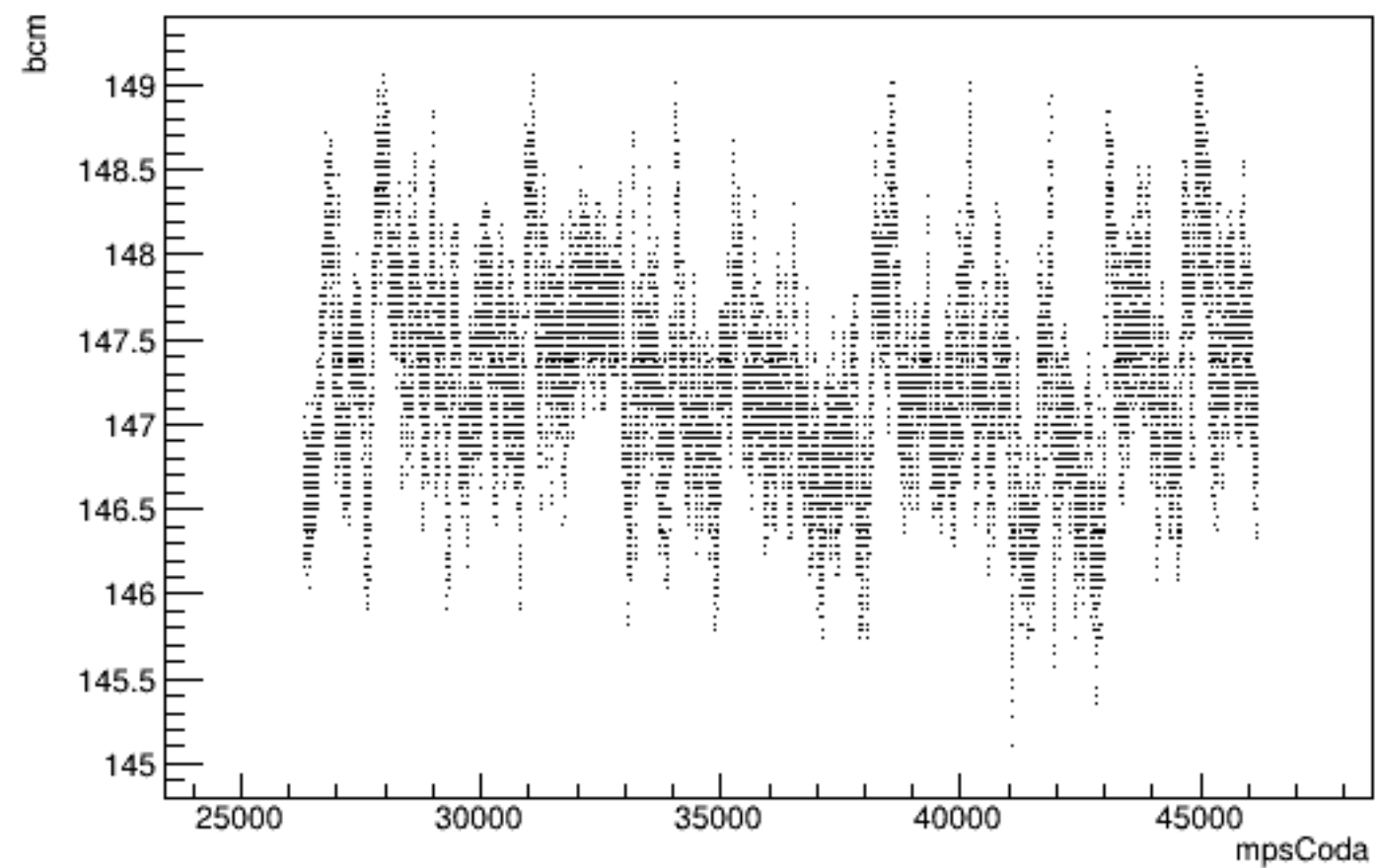
beamState + 1:mpsCoda {mpsCoda>=26307 && mpsCoda<=46190}



cavPowerCalibrated:mpsCoda {mpsCoda>=26307 && mpsCoda<=46190}



bcm:mpsCoda {mpsCoda>=26307 && mpsCoda<=46190}



Cycle 2, Diffs

Entries: 1490

Mean: -0.0682 +/- 0.0098

Std Dev: 0.3799 +/- 0.0070

Entries: 1809

Mean: 0.3968 +/- 0.0110

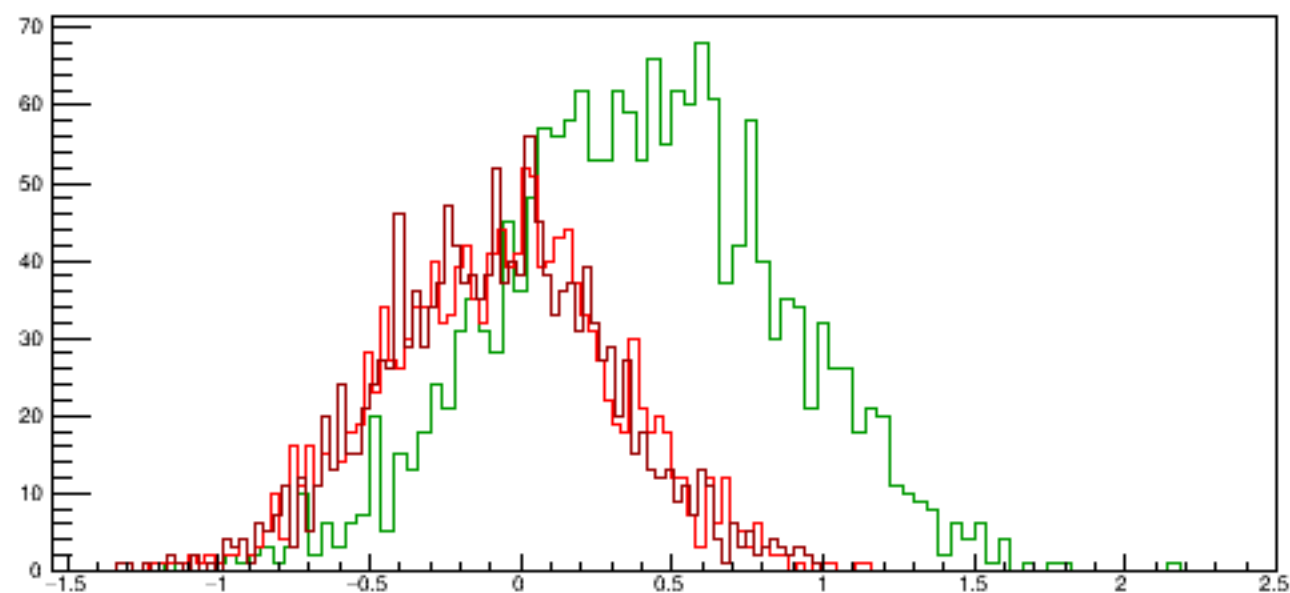
Std Dev: 0.4687 +/- 0.0078

Entries: 1492

Mean: -0.0786 +/- 0.0096

Std Dev: 0.3714 +/- 0.0068

Run 6211 quartetwise, Diffs



Cycle 2, Sums

Entries: 1490

Mean: 5.6417 +/- 0.0103

Std Dev: 0.3979 +/- 0.0073

Entries: 1809

Mean: 20.9048 +/- 0.0124

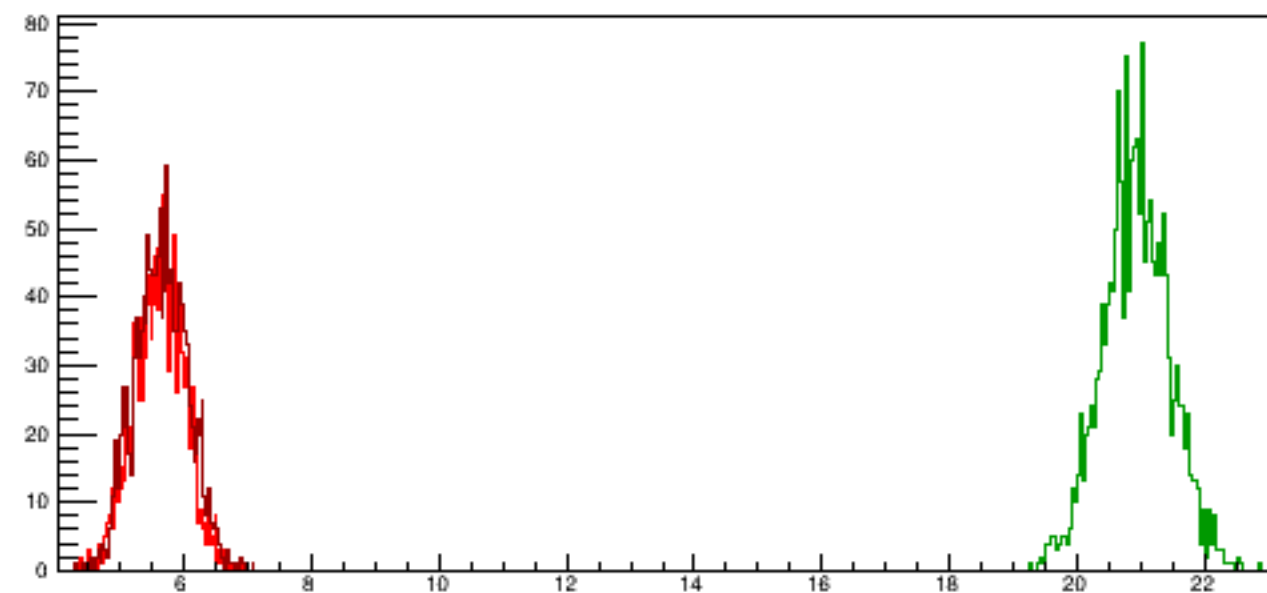
Std Dev: 0.5260 +/- 0.0087

Entries: 1492

Mean: 5.6652 +/- 0.0106

Std Dev: 0.4089 +/- 0.0075

Run 6211 quartetwise, Sums



Cycle 2, Asyms

Entries: 1490

Mean: -0.0045 +/- 0.0006

Std Dev: 0.0249 +/- 0.0005

Entries: 1809

Mean: 0.0260 +/- 0.0007

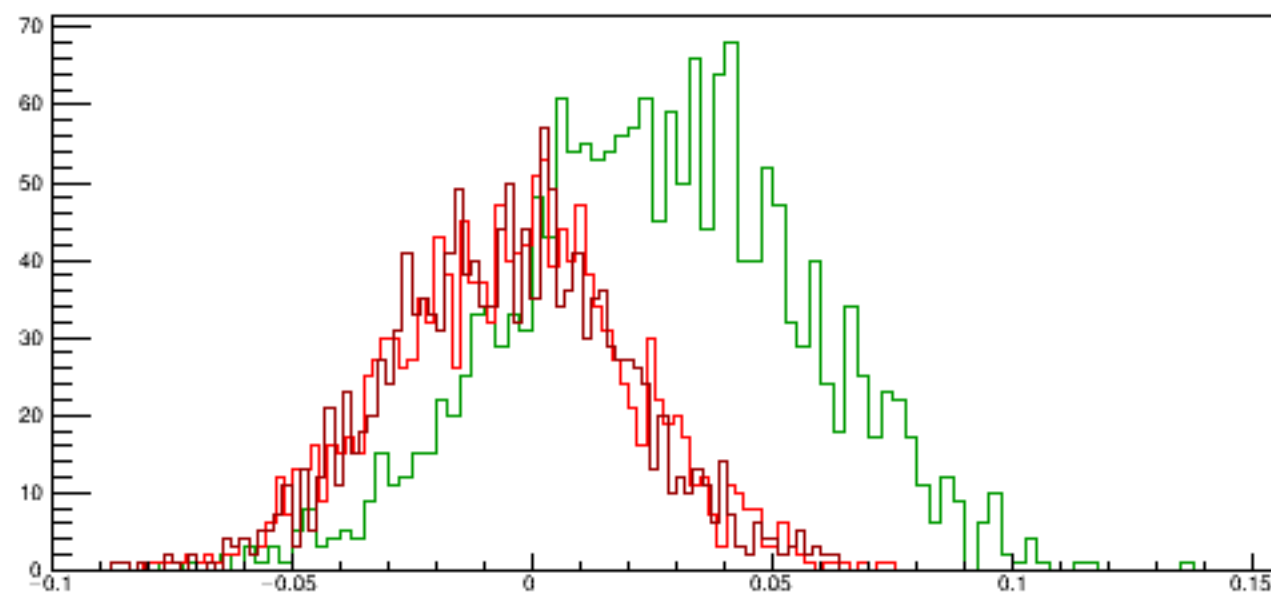
Std Dev: 0.0307 +/- 0.0005

Entries: 1492

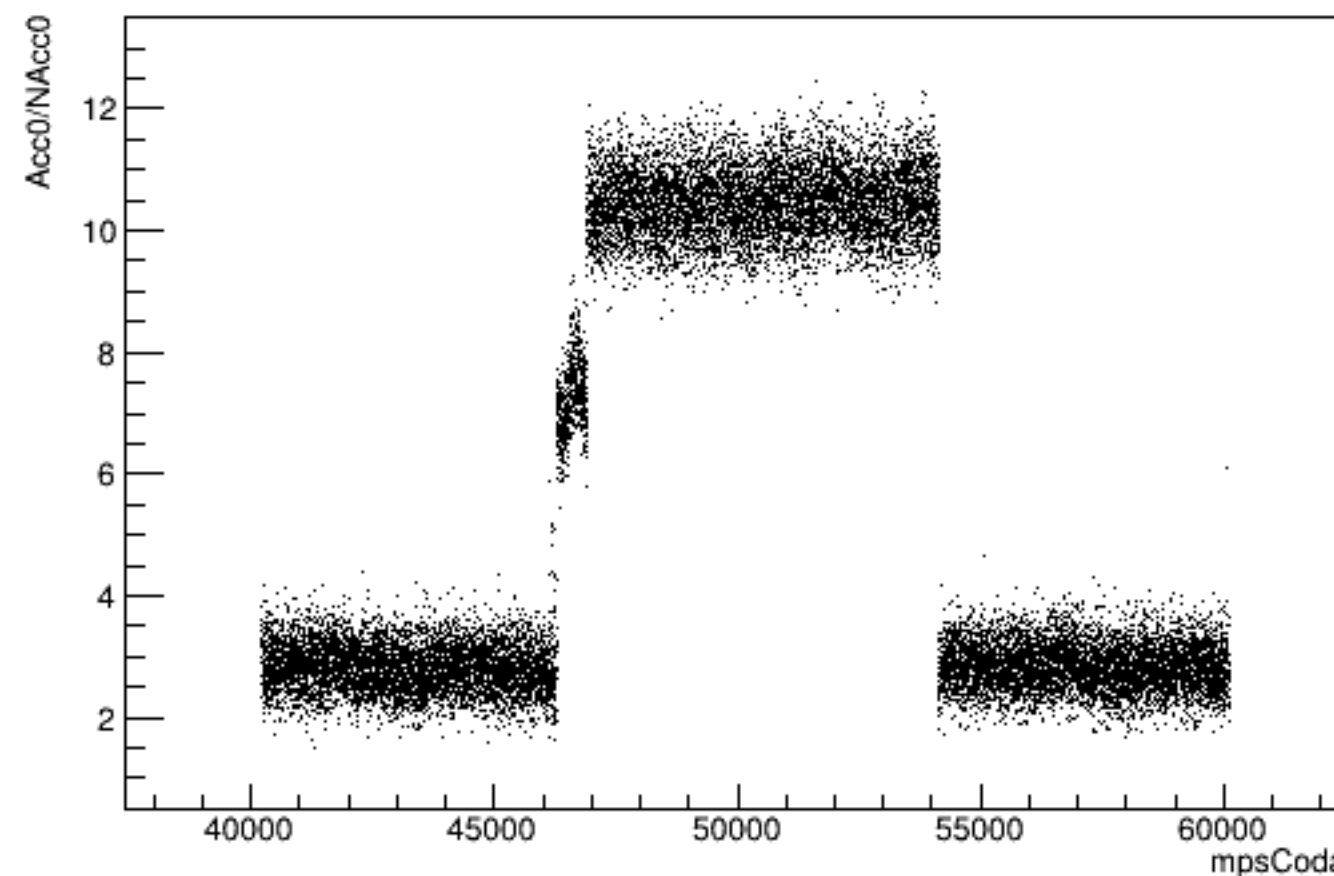
Mean: -0.0052 +/- 0.0006

Std Dev: 0.0244 +/- 0.0004

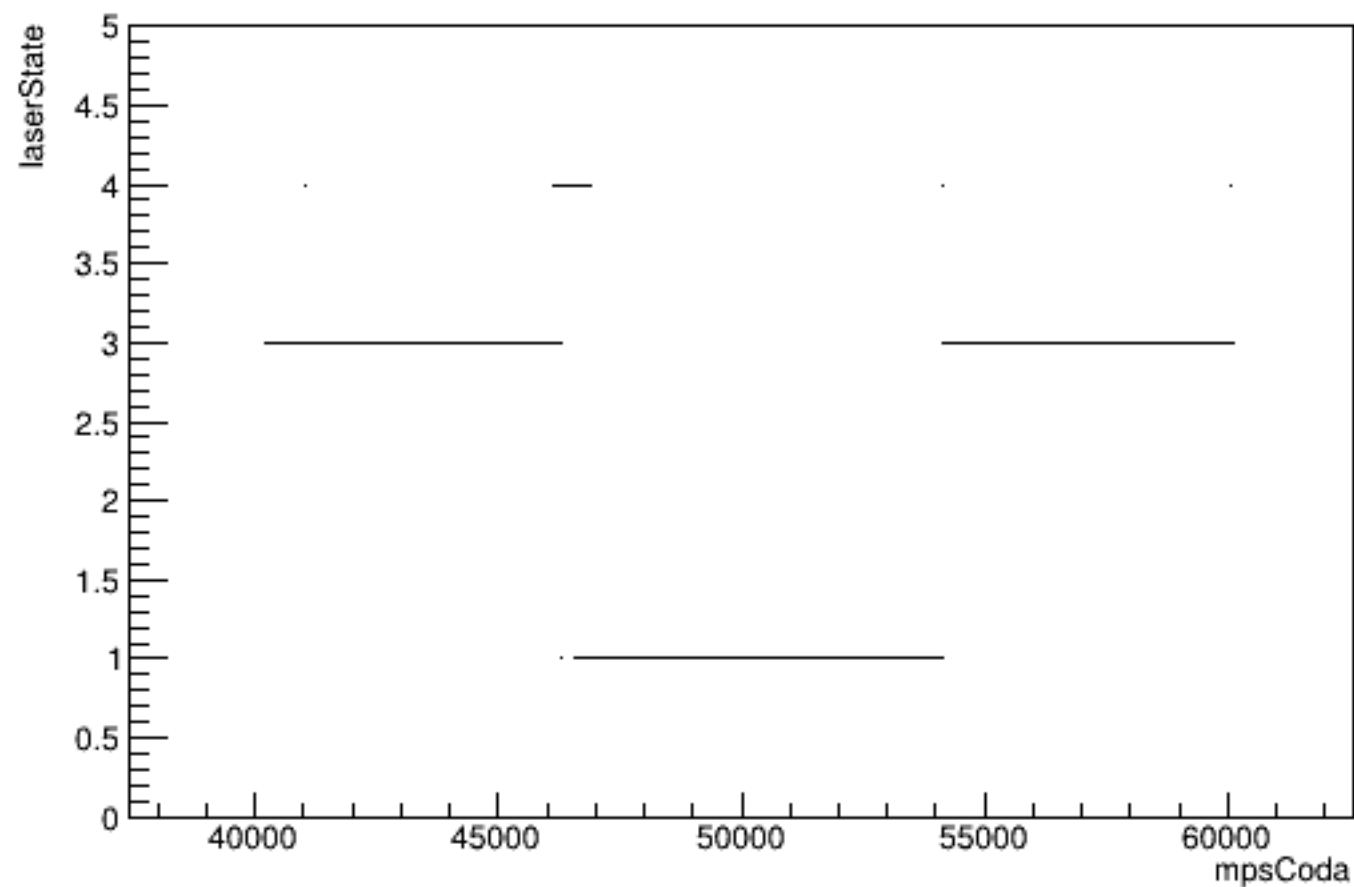
Run 6211 quartetwise, Asyms



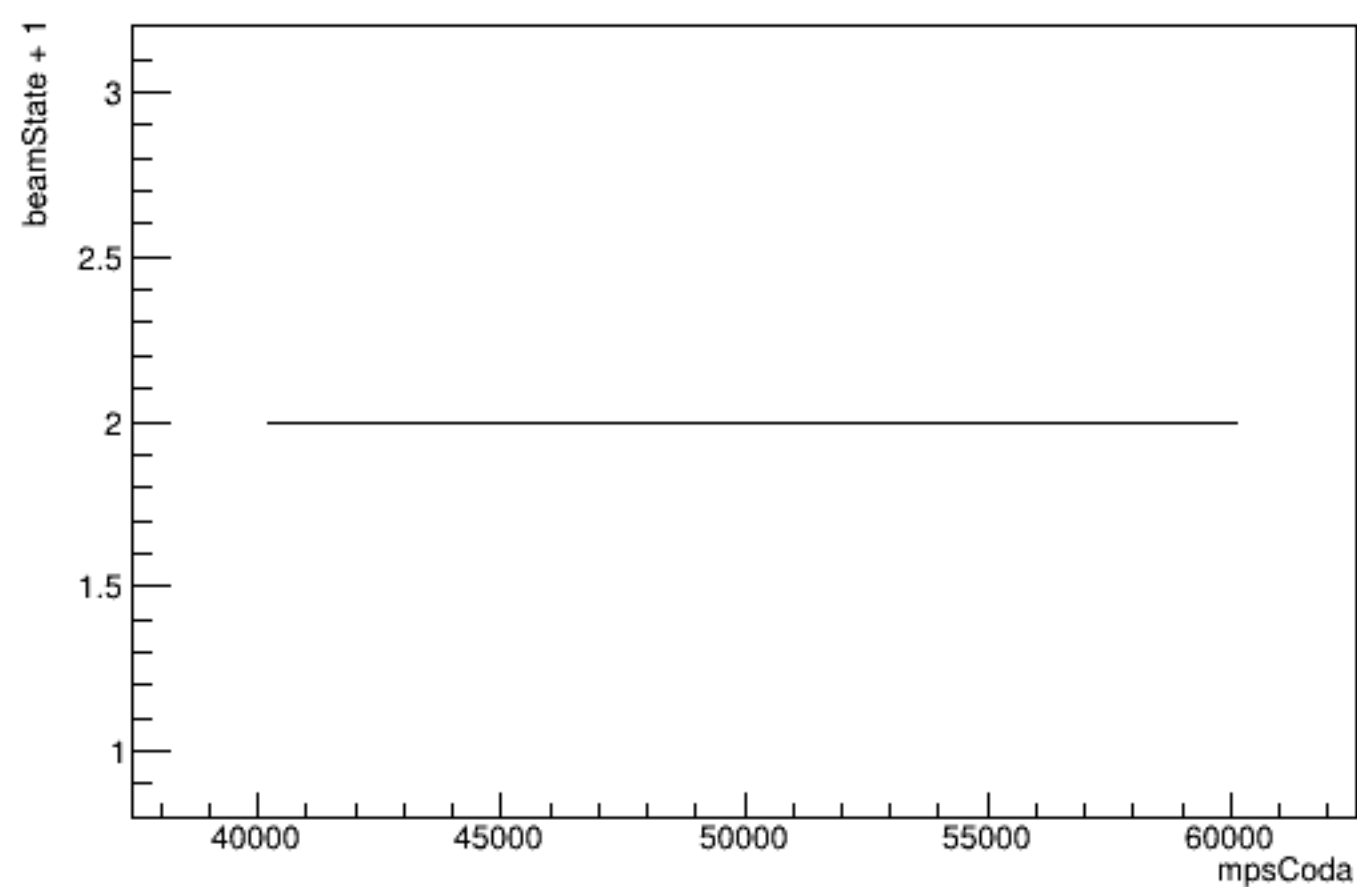
Acc0/NAcc0:mpsCoda {mpsCoda>=40215 && mpsCoda<=60118 && beamState==1}



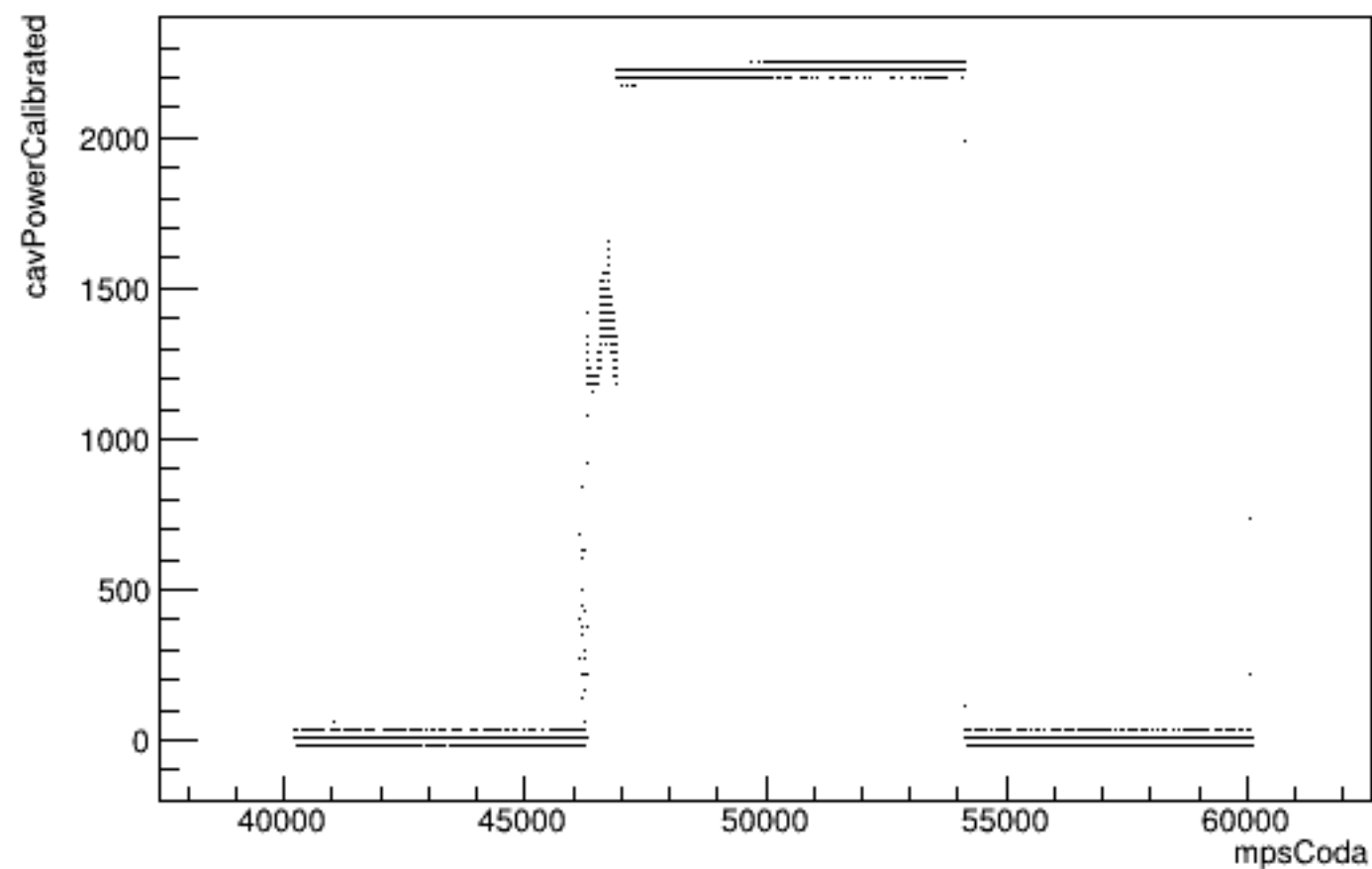
laserState:mpsCoda {mpsCoda>=40215 && mpsCoda<=60118}



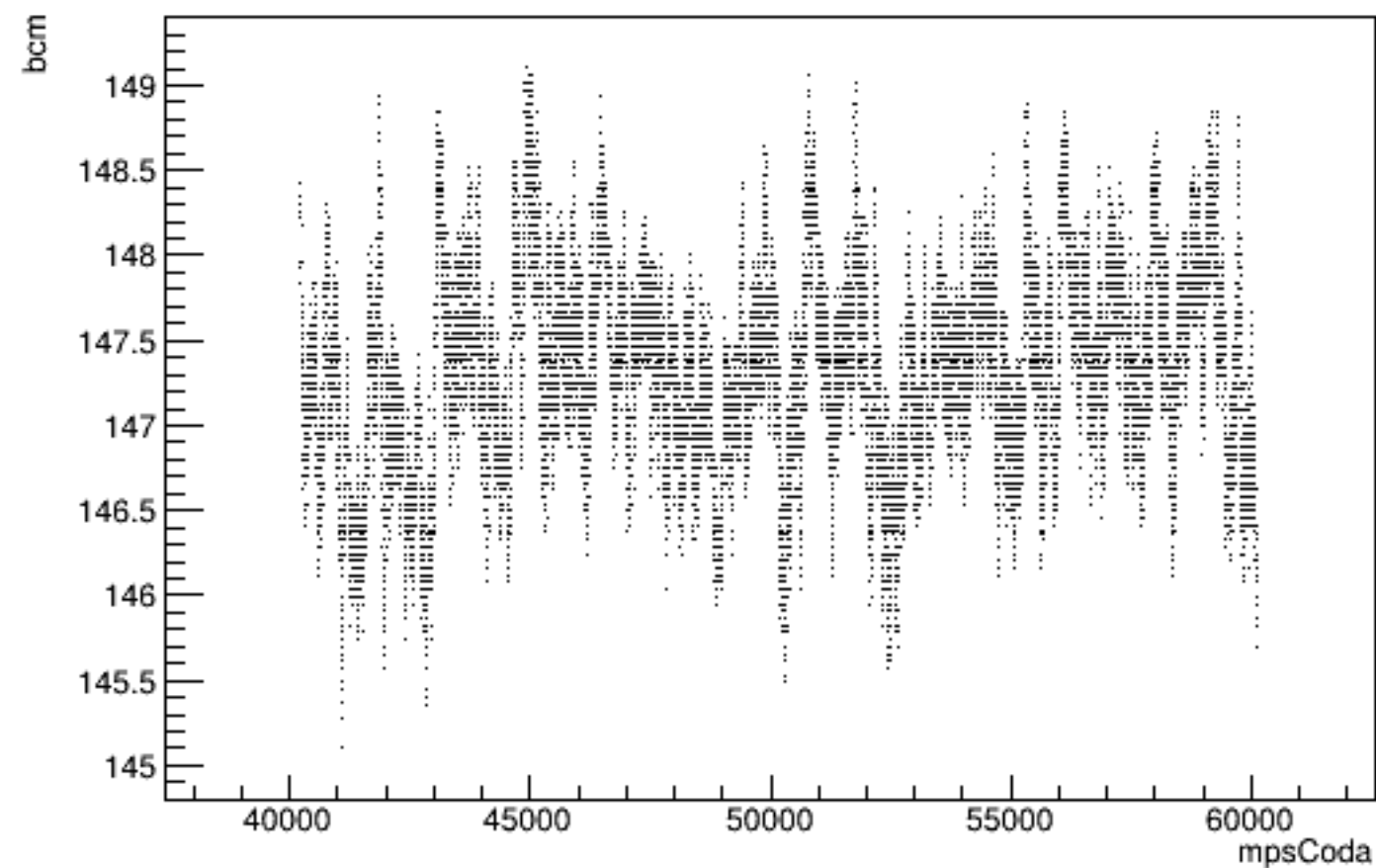
beamState + 1:mpsCoda {mpsCoda>=40215 && mpsCoda<=60118}



cavPowerCalibrated:mpsCoda {mpsCoda>=40215 && mpsCoda<=60118}



bcm:mpsCoda {mpsCoda>=40215 && mpsCoda<=60118}



Cycle 3, Diffs

Entries: 1492

Mean: -0.0786 +/- 0.0096

Std Dev: 0.3714 +/- 0.0068

Entries: 1820

Mean: 0.4173 +/- 0.0110

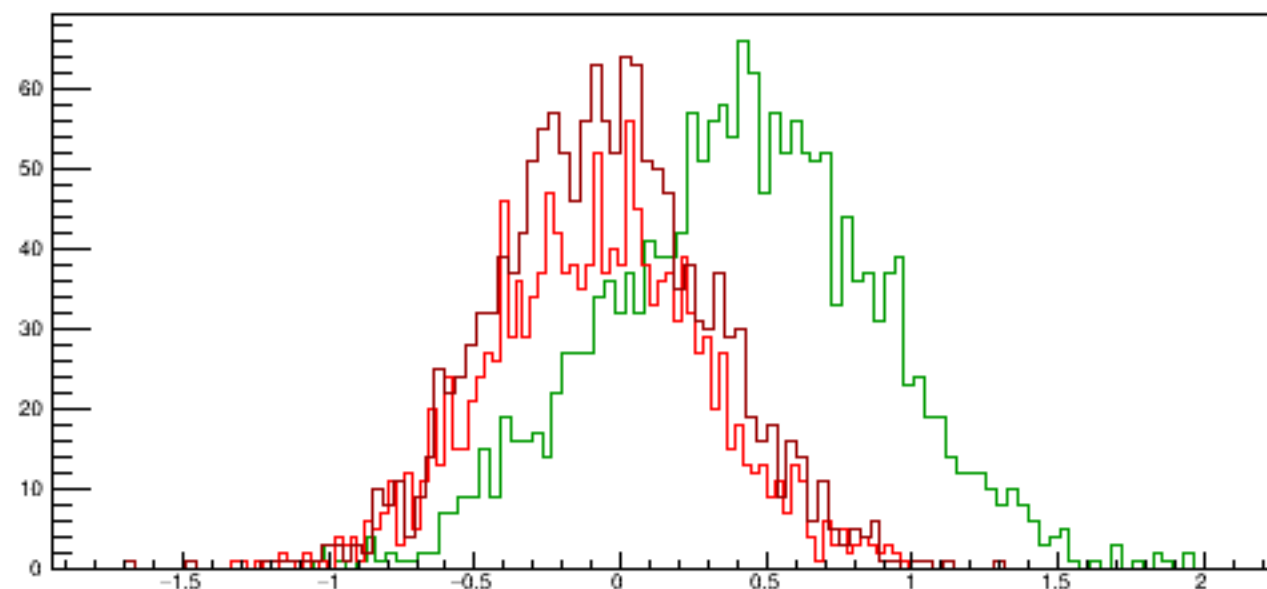
Std Dev: 0.4686 +/- 0.0078

Entries: 1488

Mean: -0.0597 +/- 0.0097

Std Dev: 0.3725 +/- 0.0068

Run 6211 quartetwise, Diffs



Cycle 3, Sums

Entries: 1492

Mean: 5.6652 +/- 0.0106

Std Dev: 0.4089 +/- 0.0075

Entries: 1820

Mean: 20.9072 +/- 0.0122

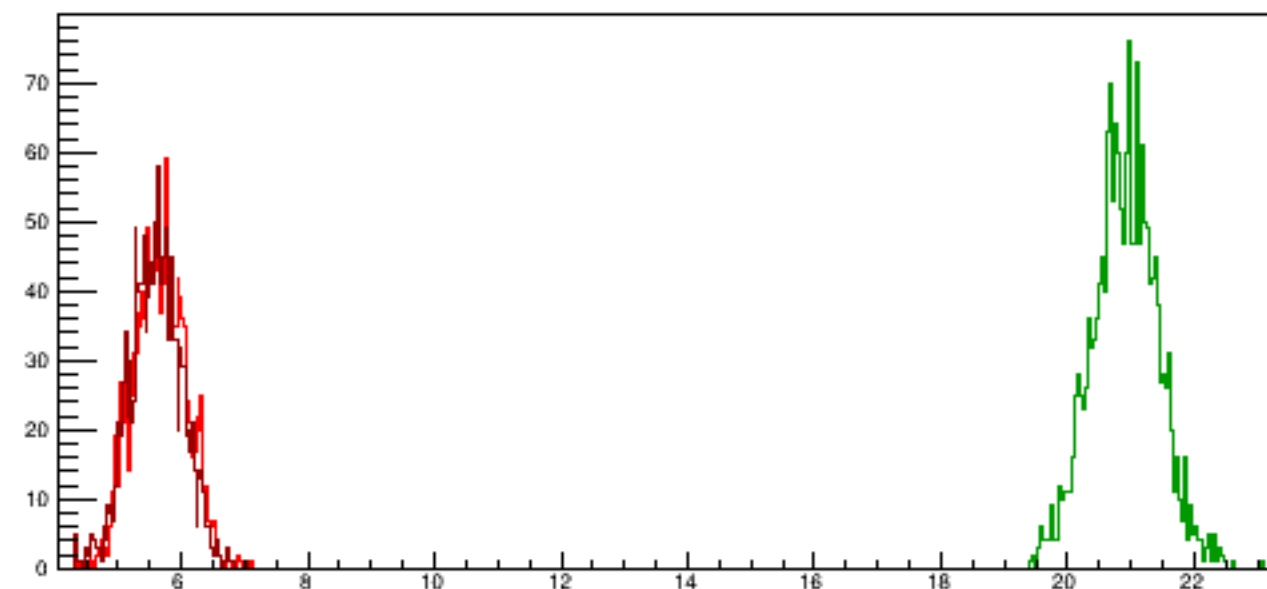
Std Dev: 0.5210 +/- 0.0086

Entries: 1488

Mean: 5.5857 +/- 0.0107

Std Dev: 0.4136 +/- 0.0076

Run 6211 quartetwise, Sums



Cycle 3, Asyms

Entries: 1492

Mean: -0.0051 +/- 0.0006

Std Dev: 0.0243 +/- 0.0004

Entries: 1820

Mean: 0.0274 +/- 0.0007

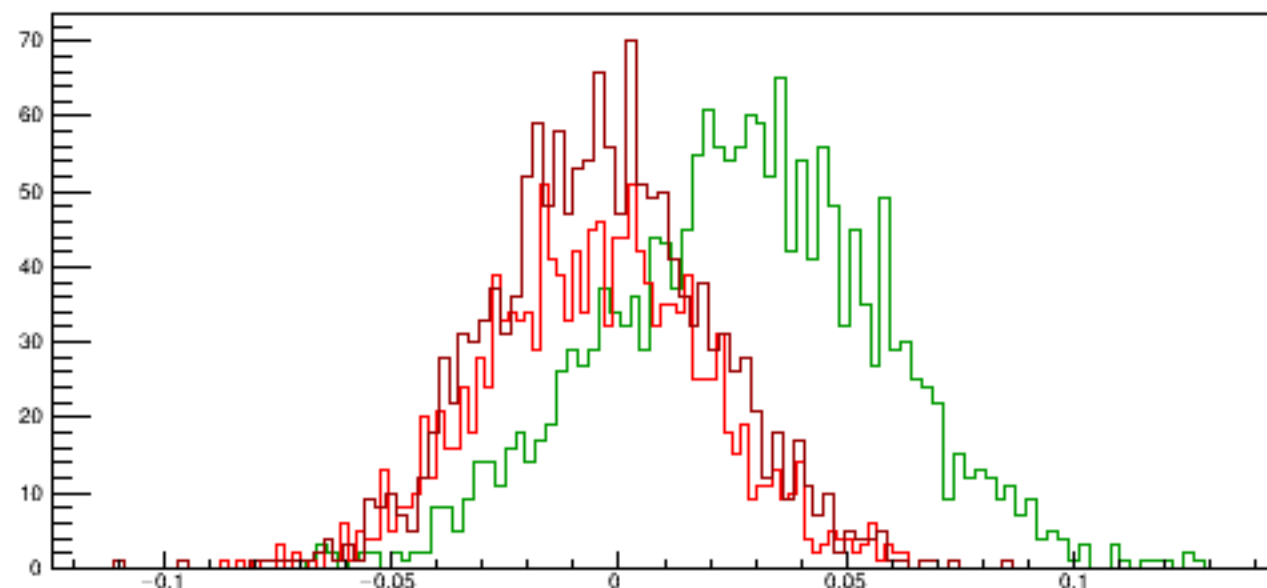
Std Dev: 0.0307 +/- 0.0005

Entries: 1488

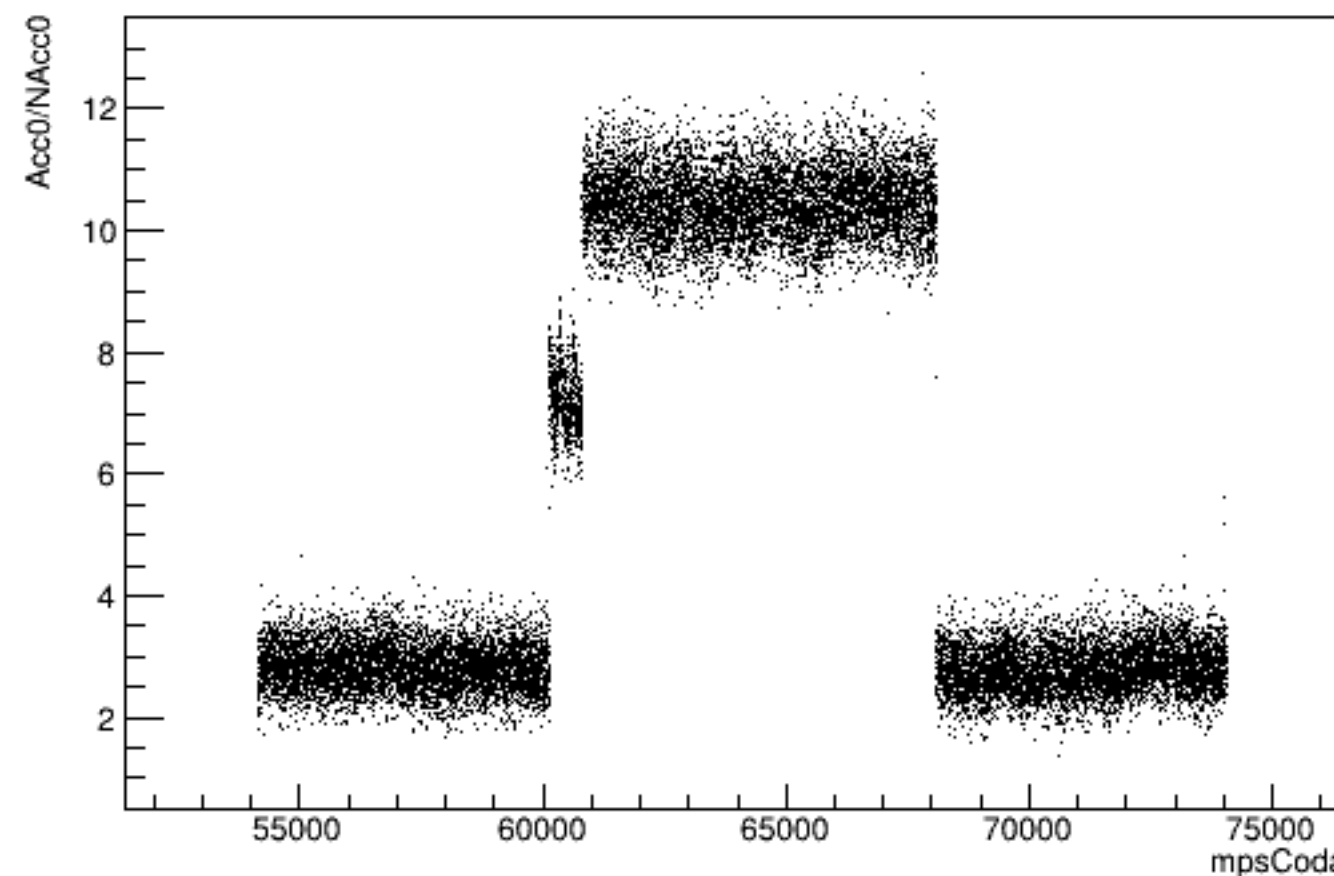
Mean: -0.0039 +/- 0.0006

Std Dev: 0.0244 +/- 0.0004

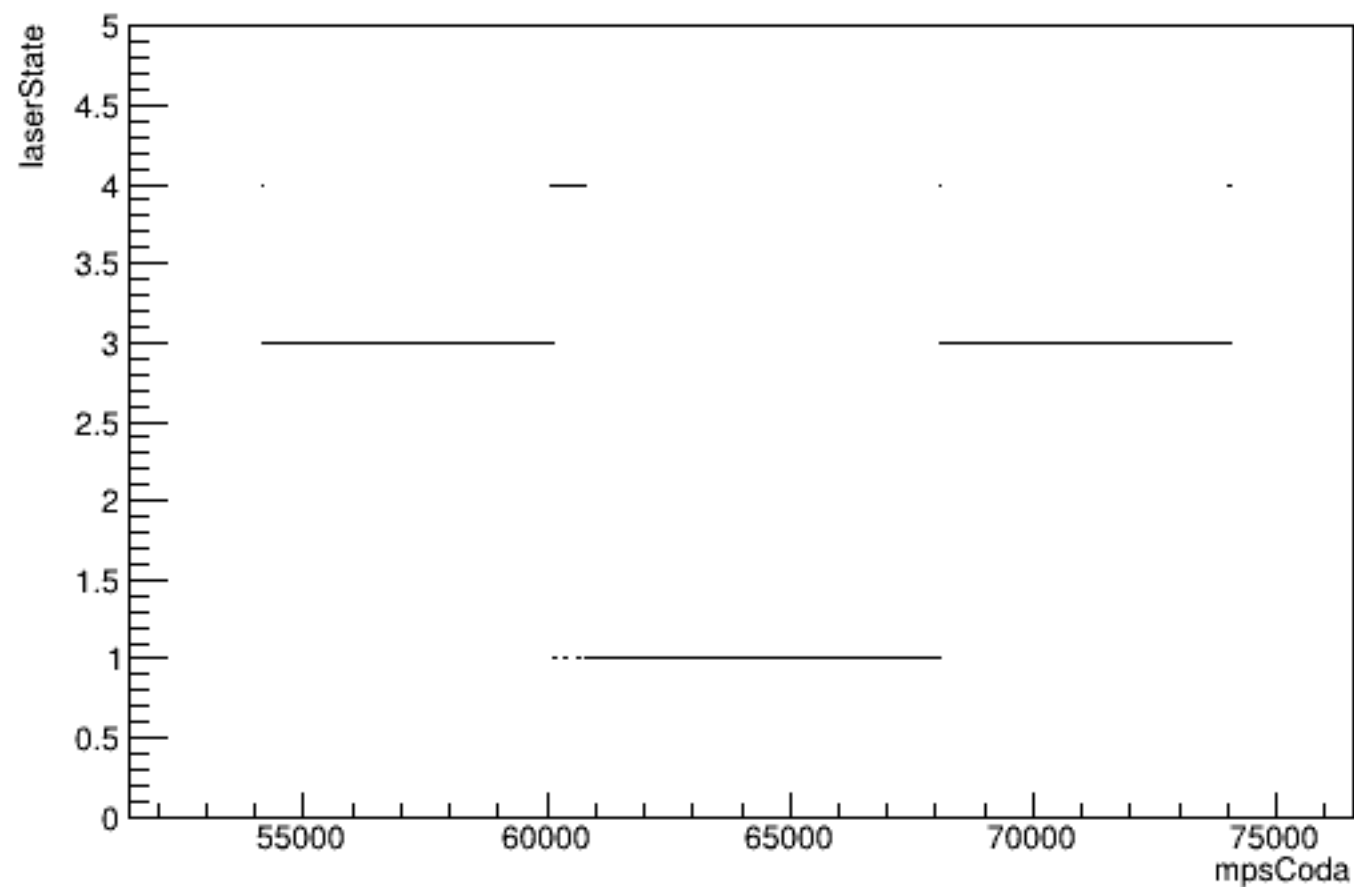
Run 6211 quartetwise, Asyms



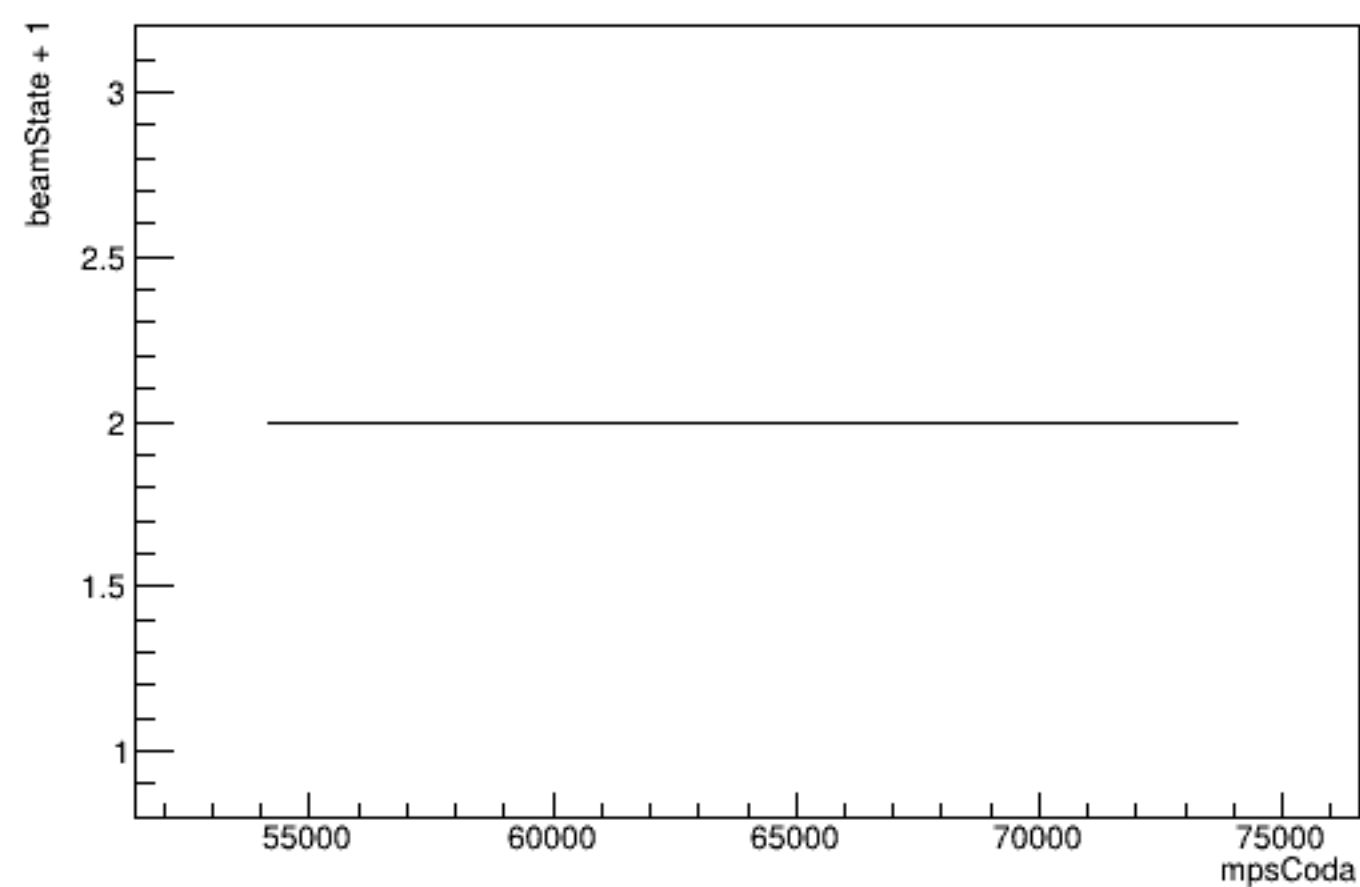
Acc0/NAcc0:mpsCoda {mpsCoda>=54143 && mpsCoda<=74058 && beamState==1}



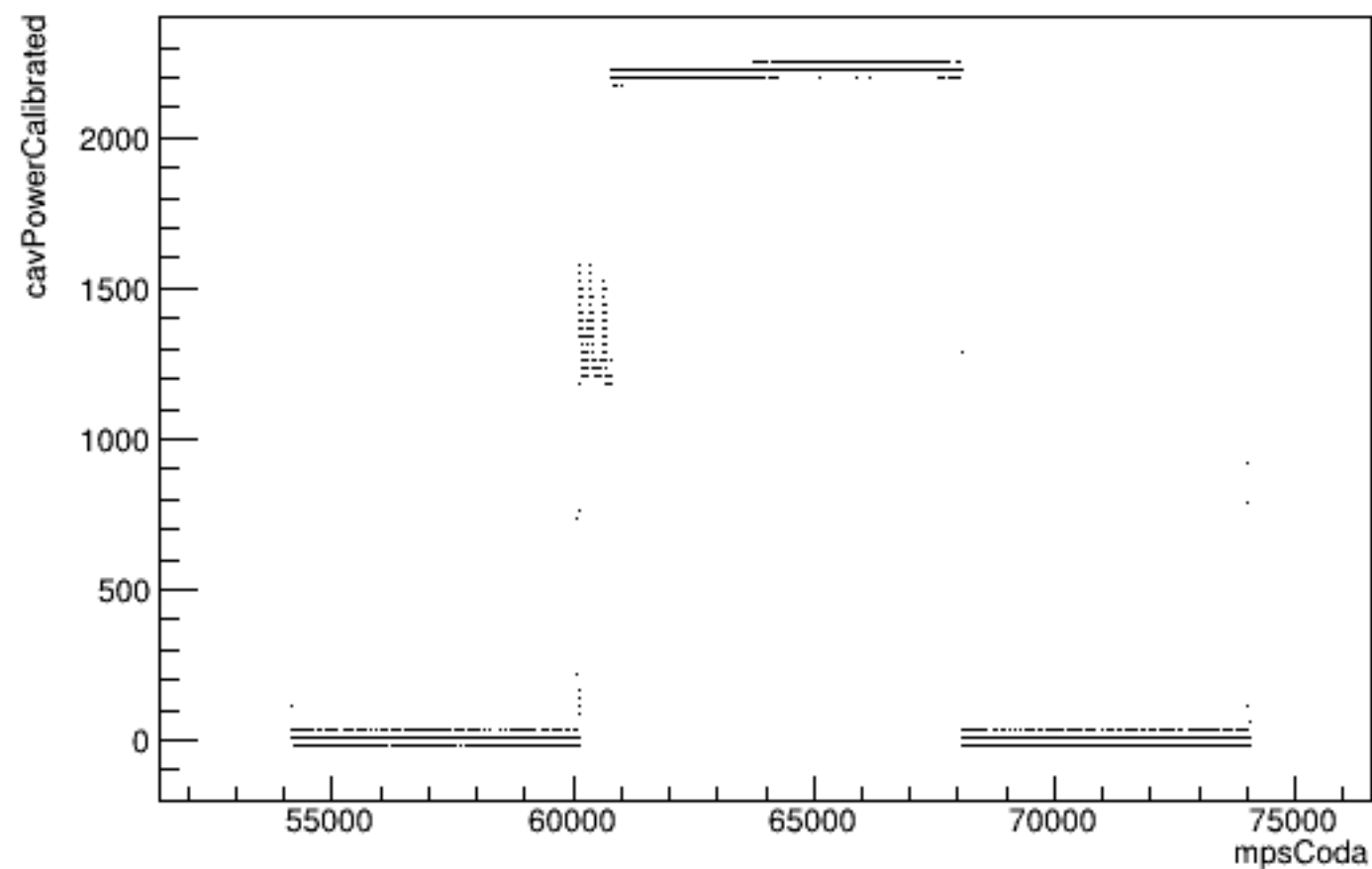
laserState:mpsCoda {mpsCoda>=54143 && mpsCoda<=74058}



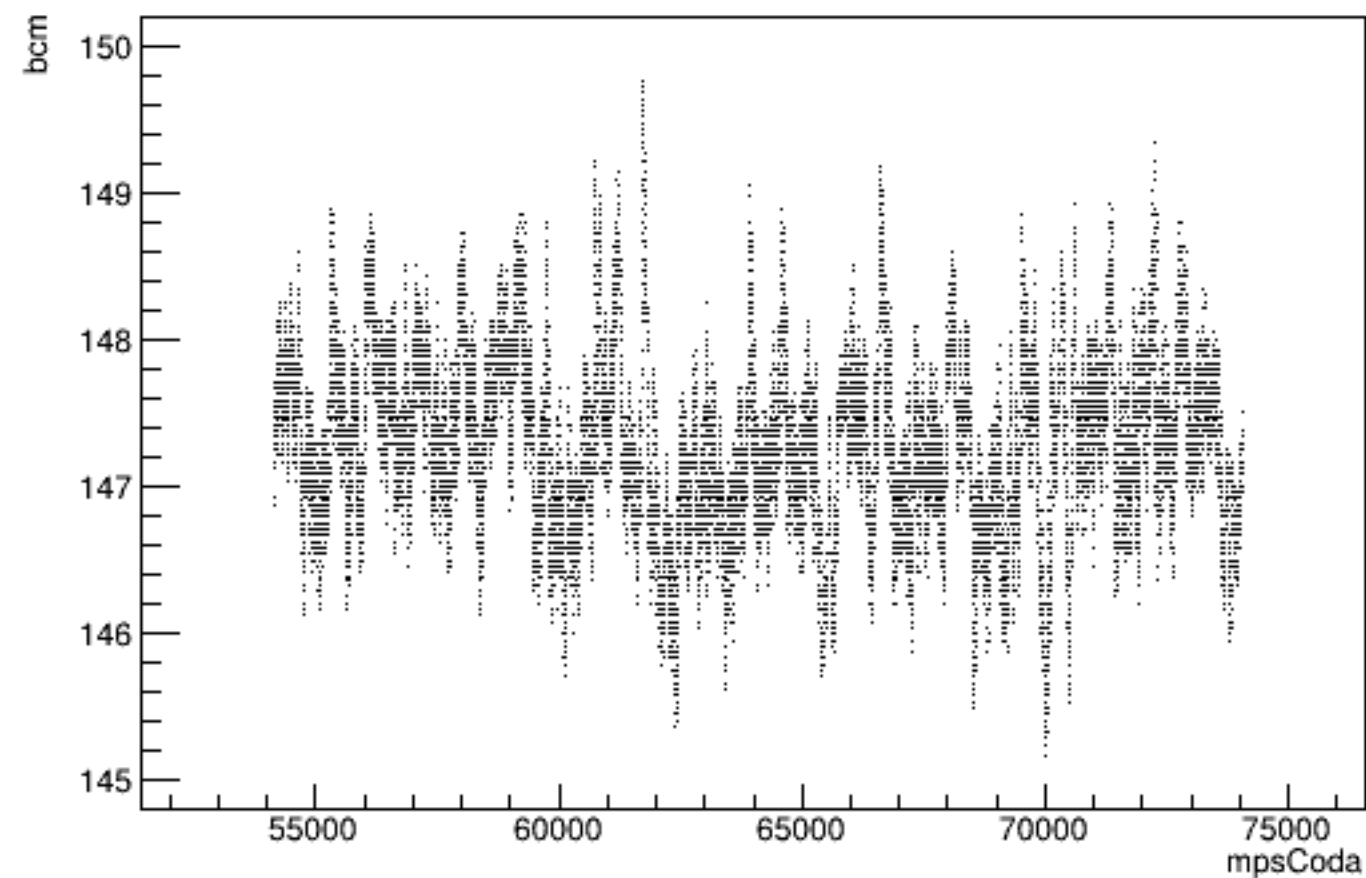
beamState + 1:mpsCoda {mpsCoda>=54143 && mpsCoda<=74058}



cavPowerCalibrated:mpsCoda {mpsCoda>=54143 && mpsCoda<=74058}



bcm:mpsCoda {mpsCoda>=54143 && mpsCoda<=74058}



Cycle 4, Diffs

Entries: 1488

Mean: -0.0597 +/- 0.0097

Std Dev: 0.3725 +/- 0.0068

Entries: 1806

Mean: 0.4133 +/- 0.0112

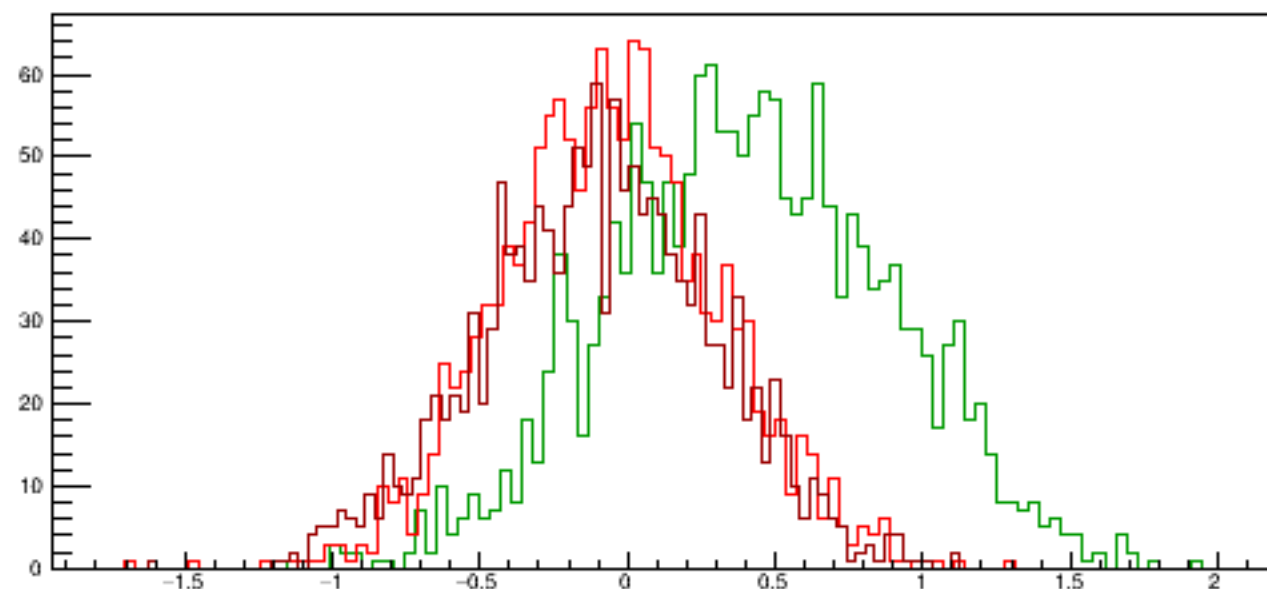
Std Dev: 0.4742 +/- 0.0079

Entries: 1486

Mean: -0.0966 +/- 0.0102

Std Dev: 0.3942 +/- 0.0072

Run 6211 quartetwise, Diffs



Cycle 4, Sums

Entries: 1488

Mean: 5.5857 +/- 0.0107

Std Dev: 0.4136 +/- 0.0076

Entries: 1806

Mean: 21.0688 +/- 0.0126

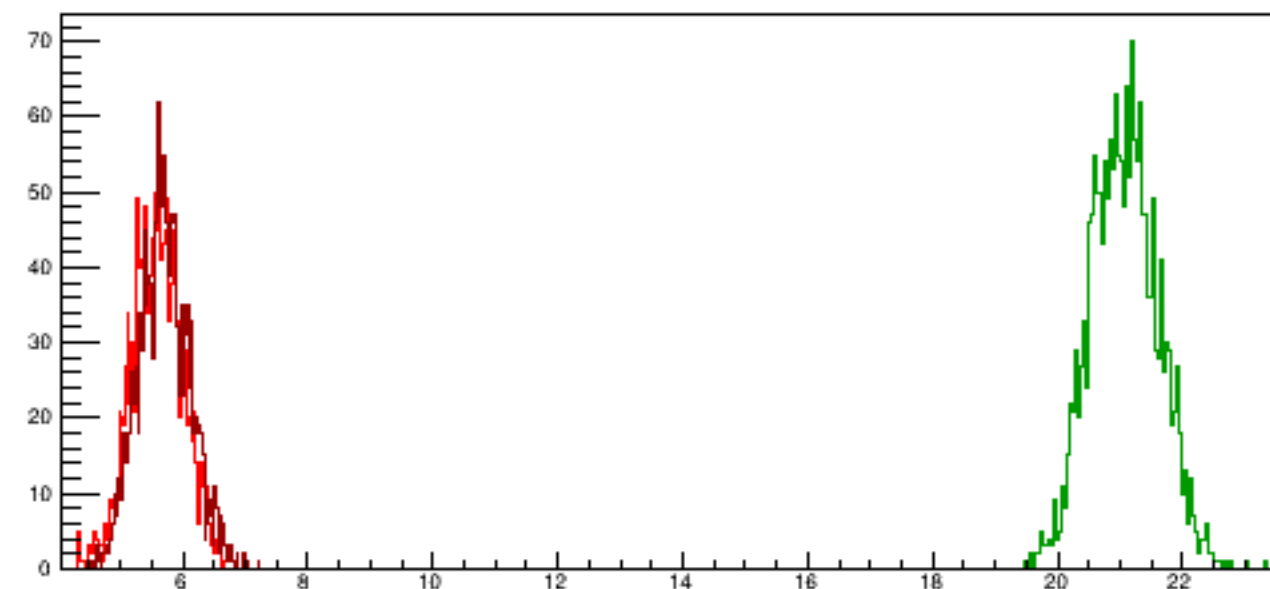
Std Dev: 0.5338 +/- 0.0089

Entries: 1486

Mean: 5.7002 +/- 0.0105

Std Dev: 0.4037 +/- 0.0074

Run 6211 quartetwise, Sums



Cycle 4, Asyms

Entries: 1488

Mean: -0.0039 +/- 0.0006

Std Dev: 0.0241 +/- 0.0004

Entries: 1806

Mean: 0.0268 +/- 0.0007

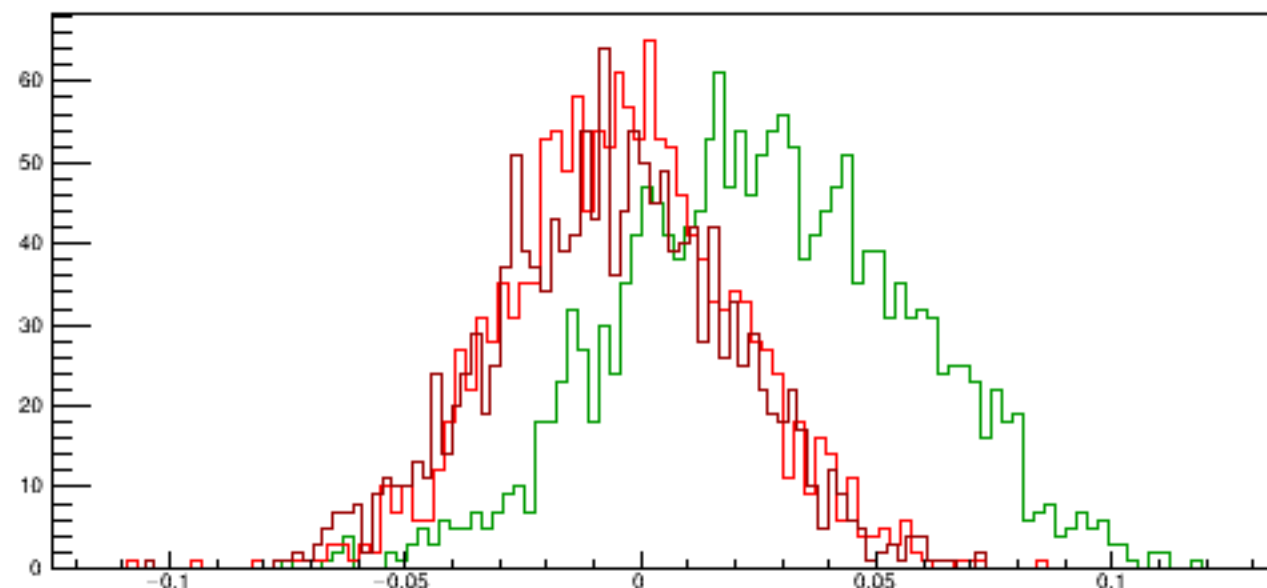
Std Dev: 0.0308 +/- 0.0005

Entries: 1486

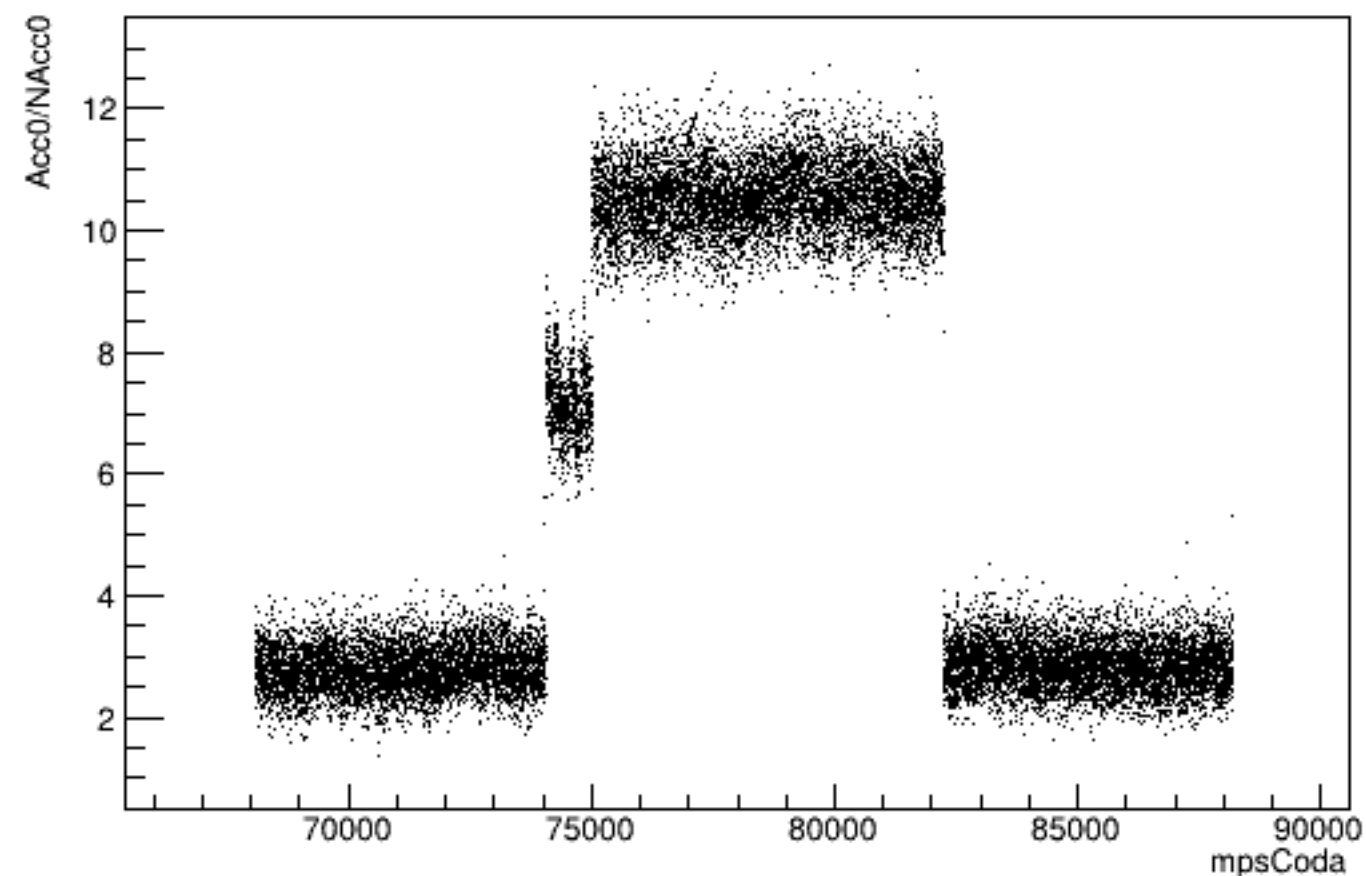
Mean: -0.0063 +/- 0.0007

Std Dev: 0.0256 +/- 0.0005

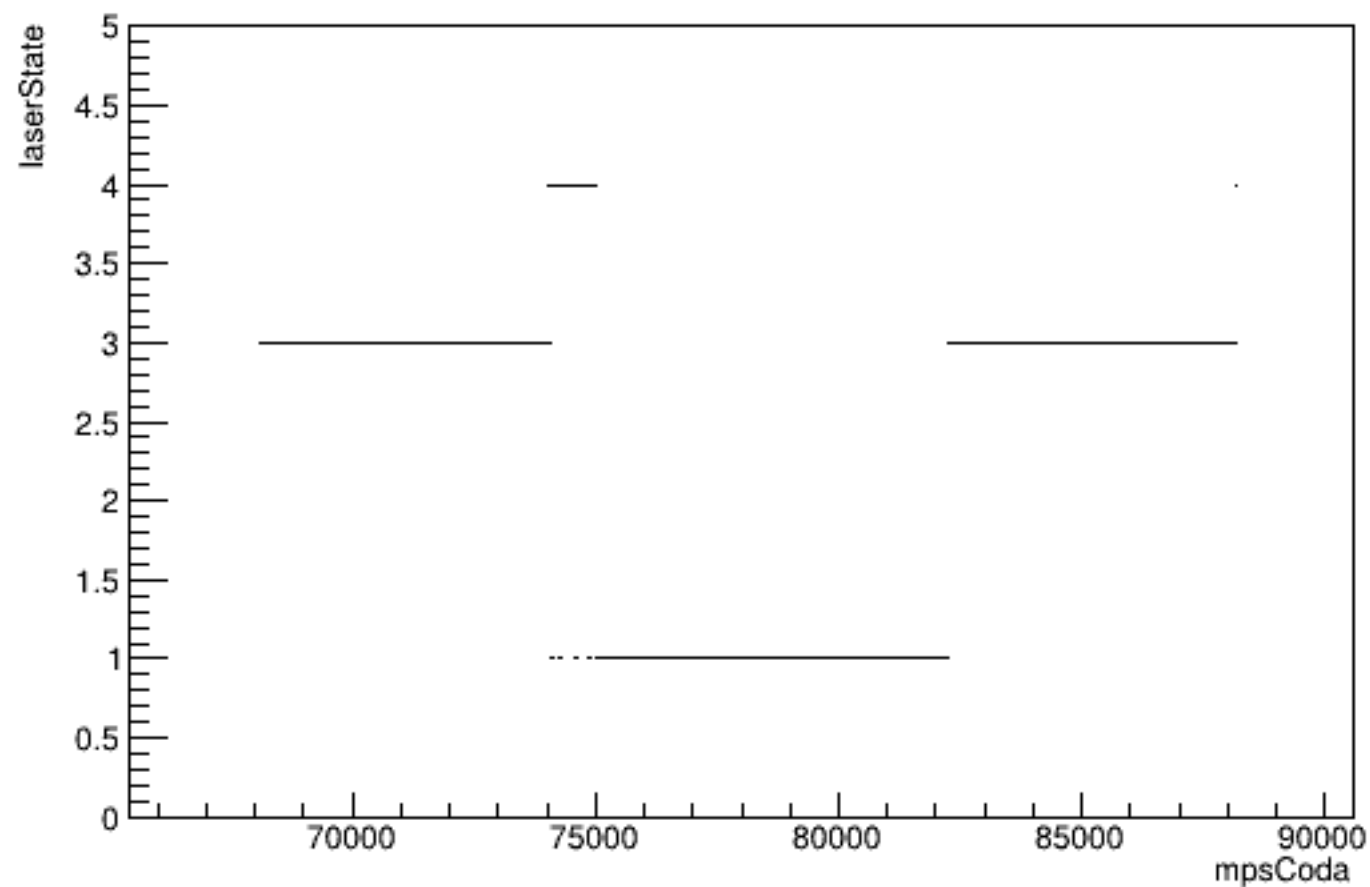
Run 6211 quartetwise, Asyms



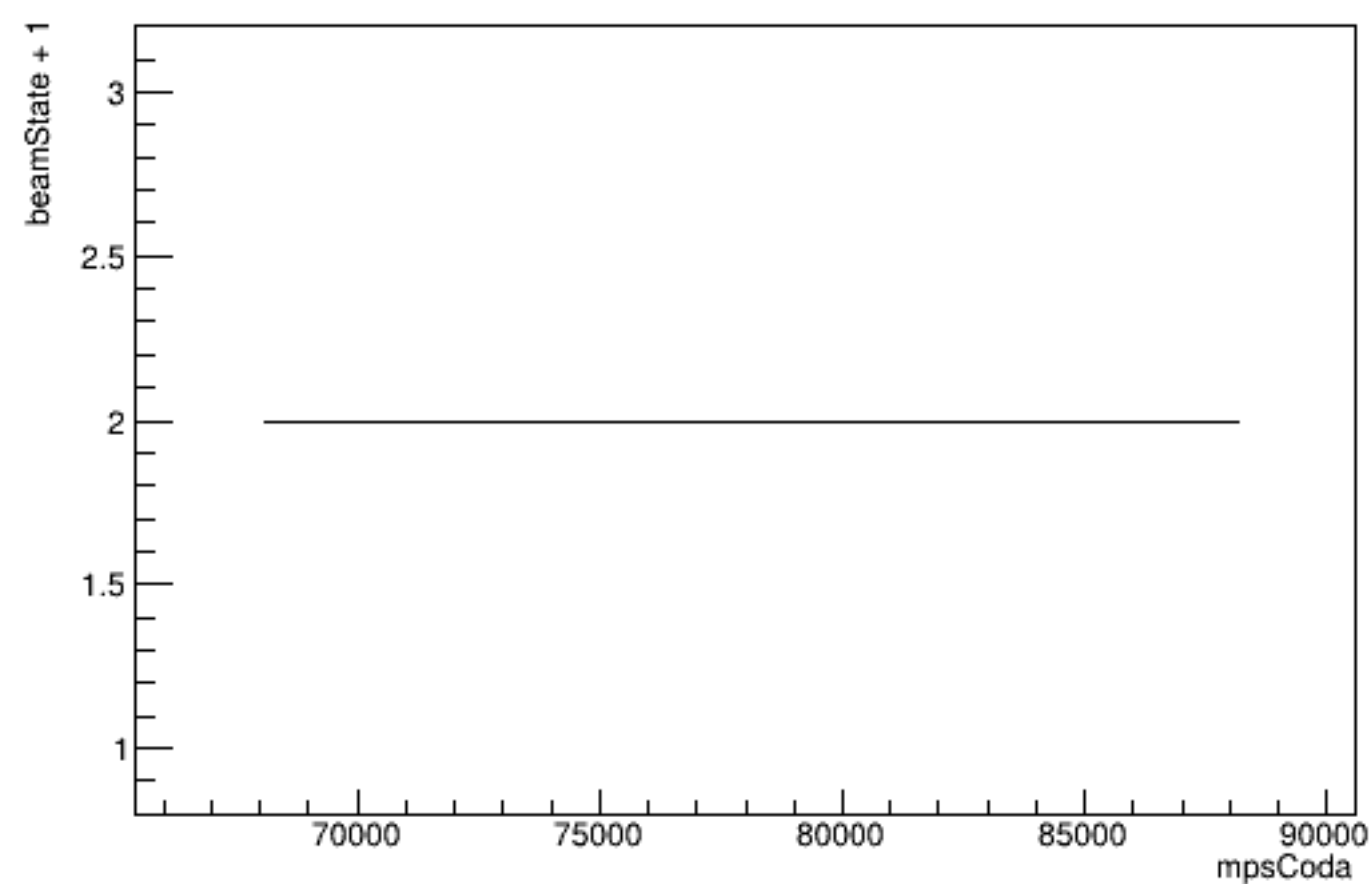
Acc0/NAcc0:mpsCoda {mpsCoda>=68095 && mpsCoda<=88186 && beamState==1}



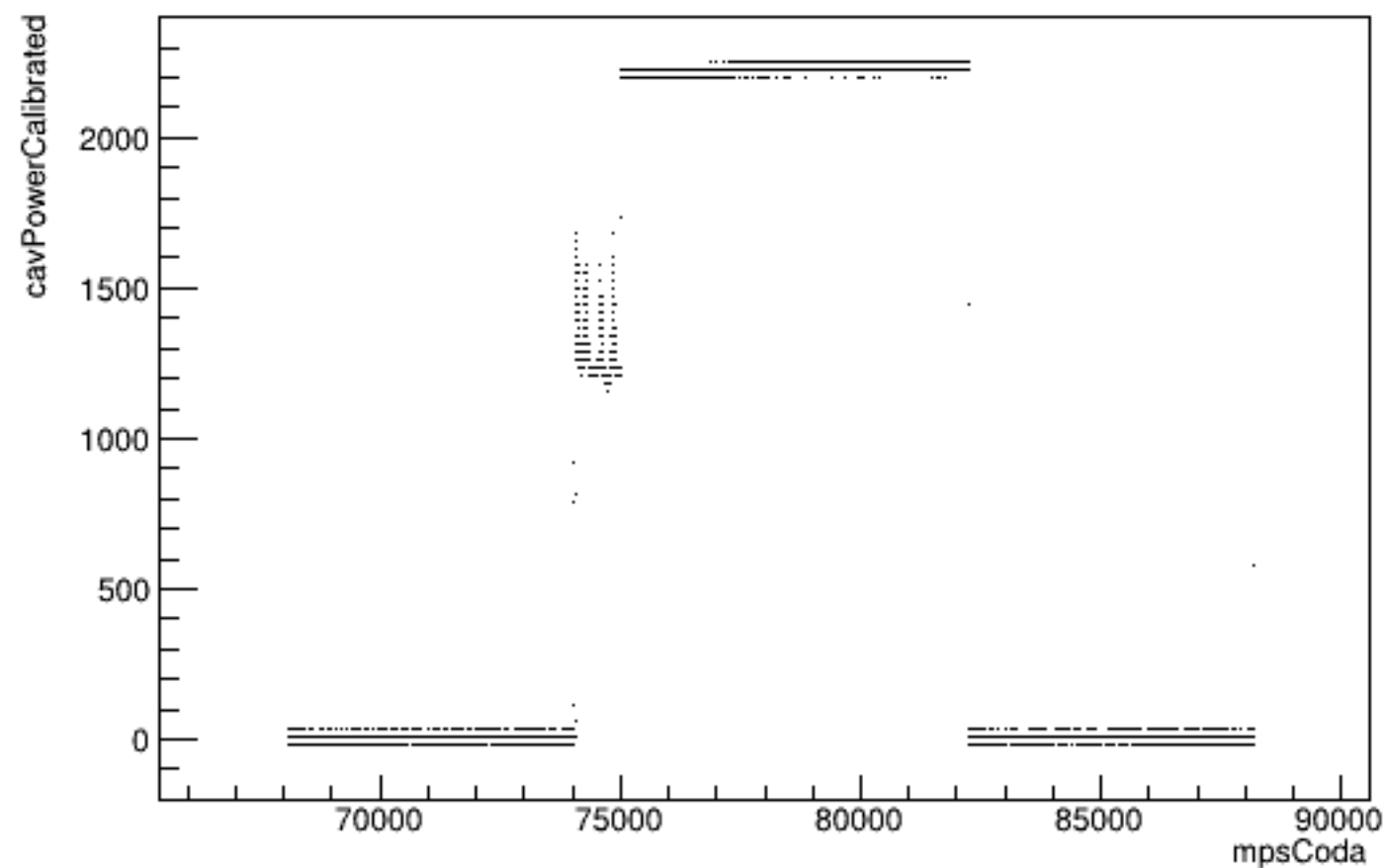
laserState:mpsCoda {mpsCoda>=68095 && mpsCoda<=88186}



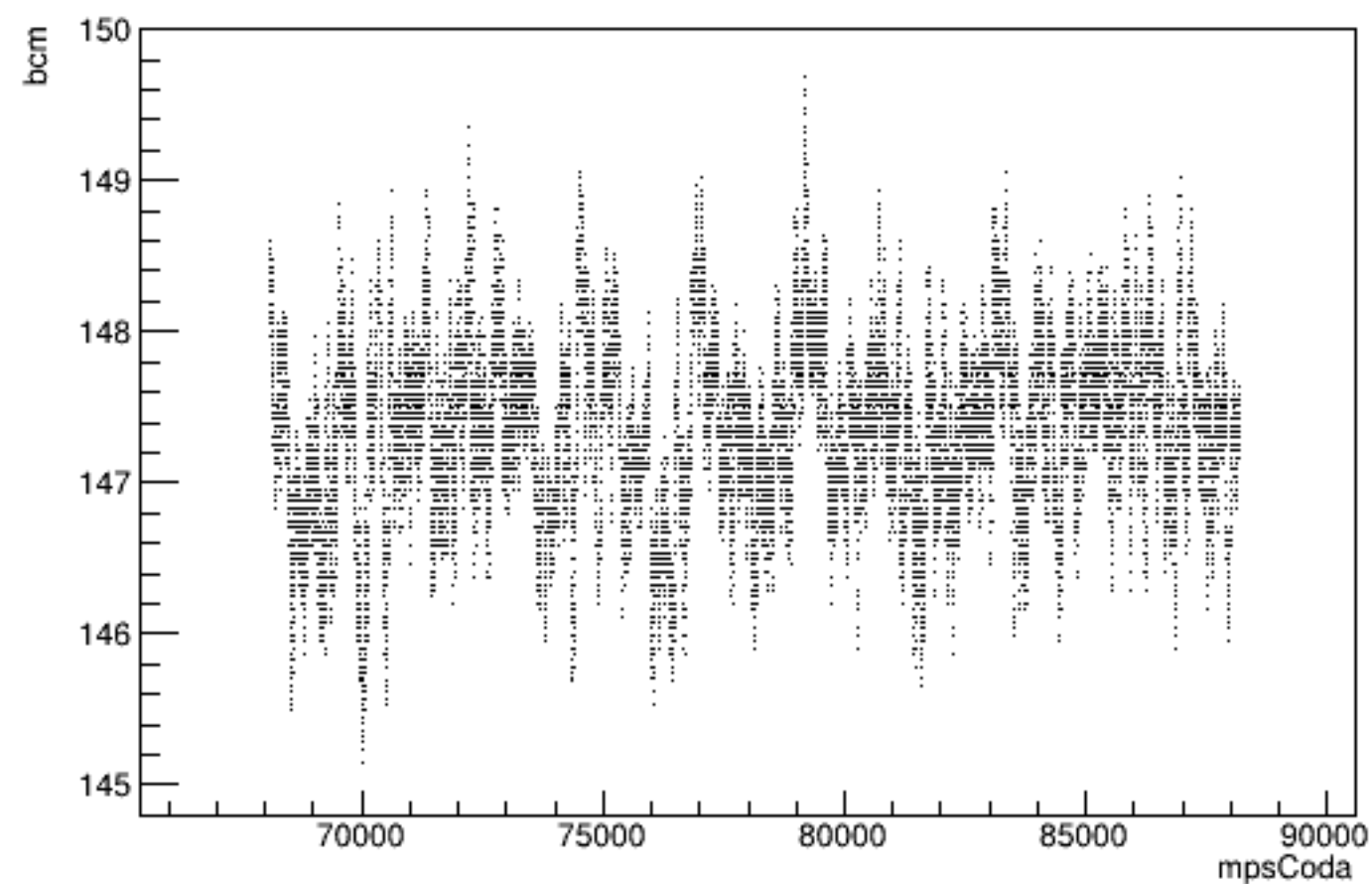
beamState + 1:mpsCoda {mpsCoda>=68095 && mpsCoda<=88186}



cavPowerCalibrated:mpsCoda {mpsCoda>=68095 && mpsCoda<=88186}



bcm:mpsCoda {mpsCoda>=68095 && mpsCoda<=88186}



Cycle 5, Diffs

Entries: 1486

Mean: -0.0966 +/- 0.0102

Std Dev: 0.3942 +/- 0.0072

Entries: 1811

Mean: 0.3966 +/- 0.0109

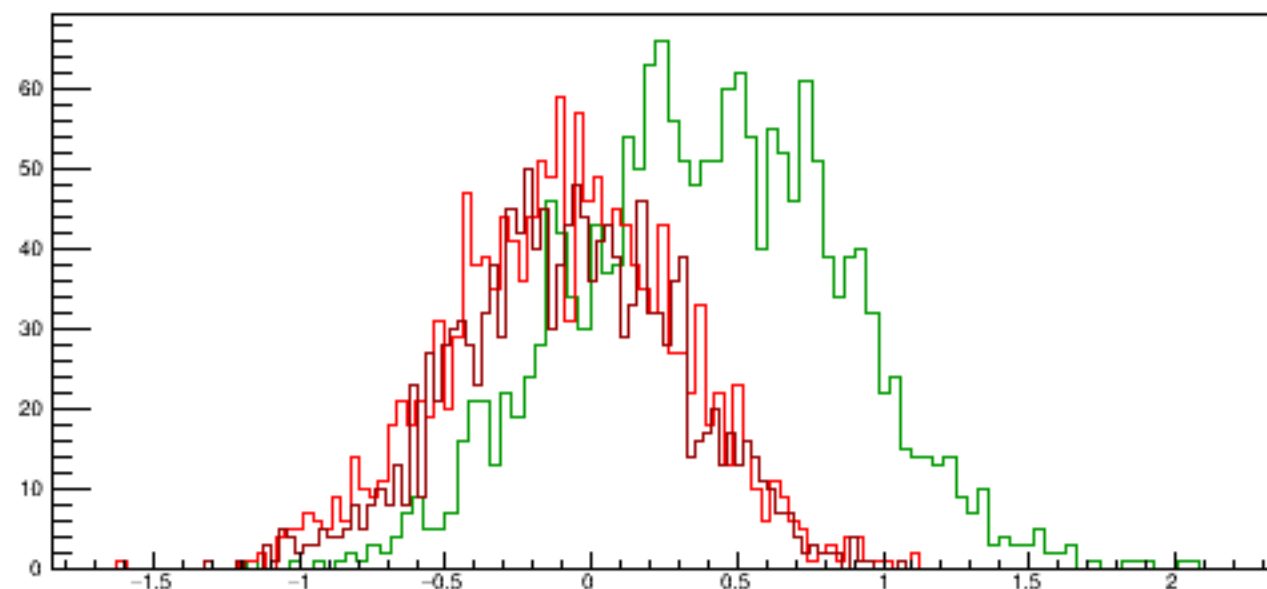
Std Dev: 0.4655 +/- 0.0077

Entries: 1476

Mean: -0.0800 +/- 0.0098

Std Dev: 0.3774 +/- 0.0069

Run 6211 quartetwise, Diffs



Cycle 5, Sums

Entries: 1486

Mean: 5.7002 +/- 0.0105

Std Dev: 0.4037 +/- 0.0074

Entries: 1811

Mean: 21.1094 +/- 0.0121

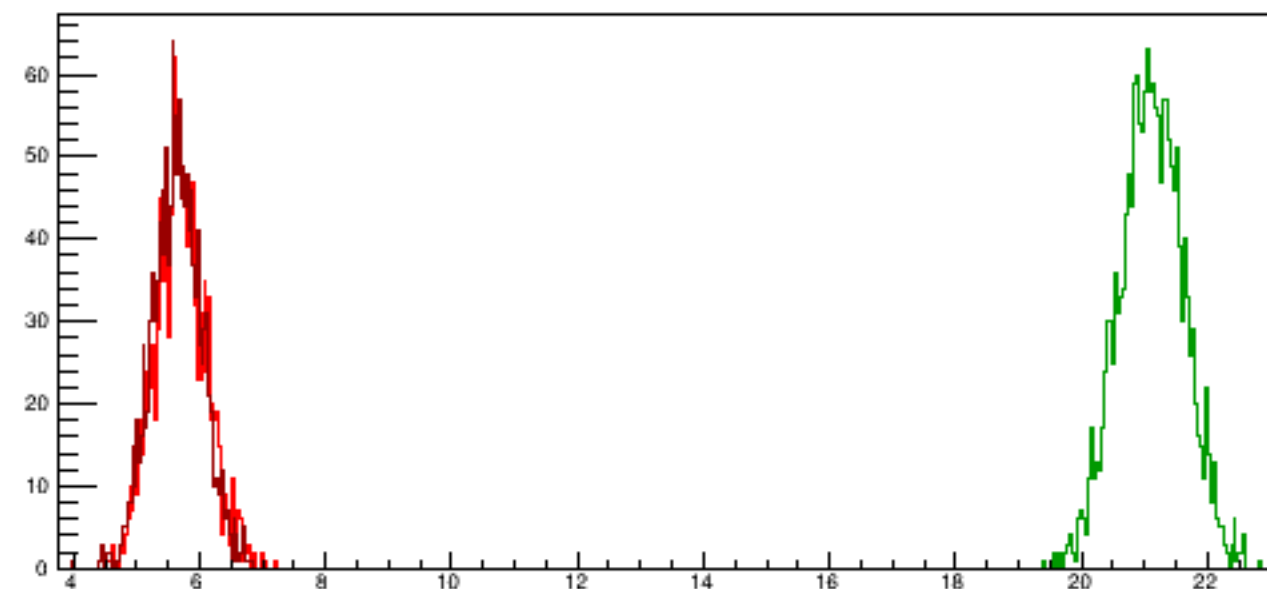
Std Dev: 0.5139 +/- 0.0085

Entries: 1476

Mean: 5.6429 +/- 0.0103

Std Dev: 0.3960 +/- 0.0073

Run 6211 quartetwise, Sums



Cycle 5, Asyms

Entries: 1486

Mean: -0.0063 +/- 0.0007

Std Dev: 0.0255 +/- 0.0005

Entries: 1811

Mean: 0.0257 +/- 0.0007

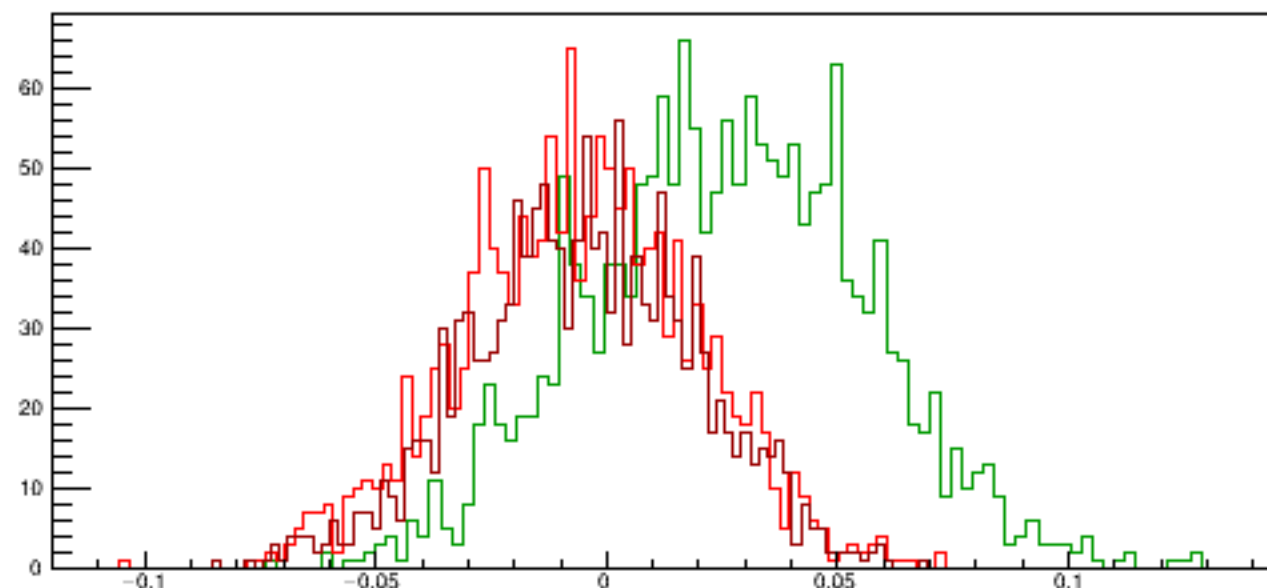
Std Dev: 0.0302 +/- 0.0005

Entries: 1476

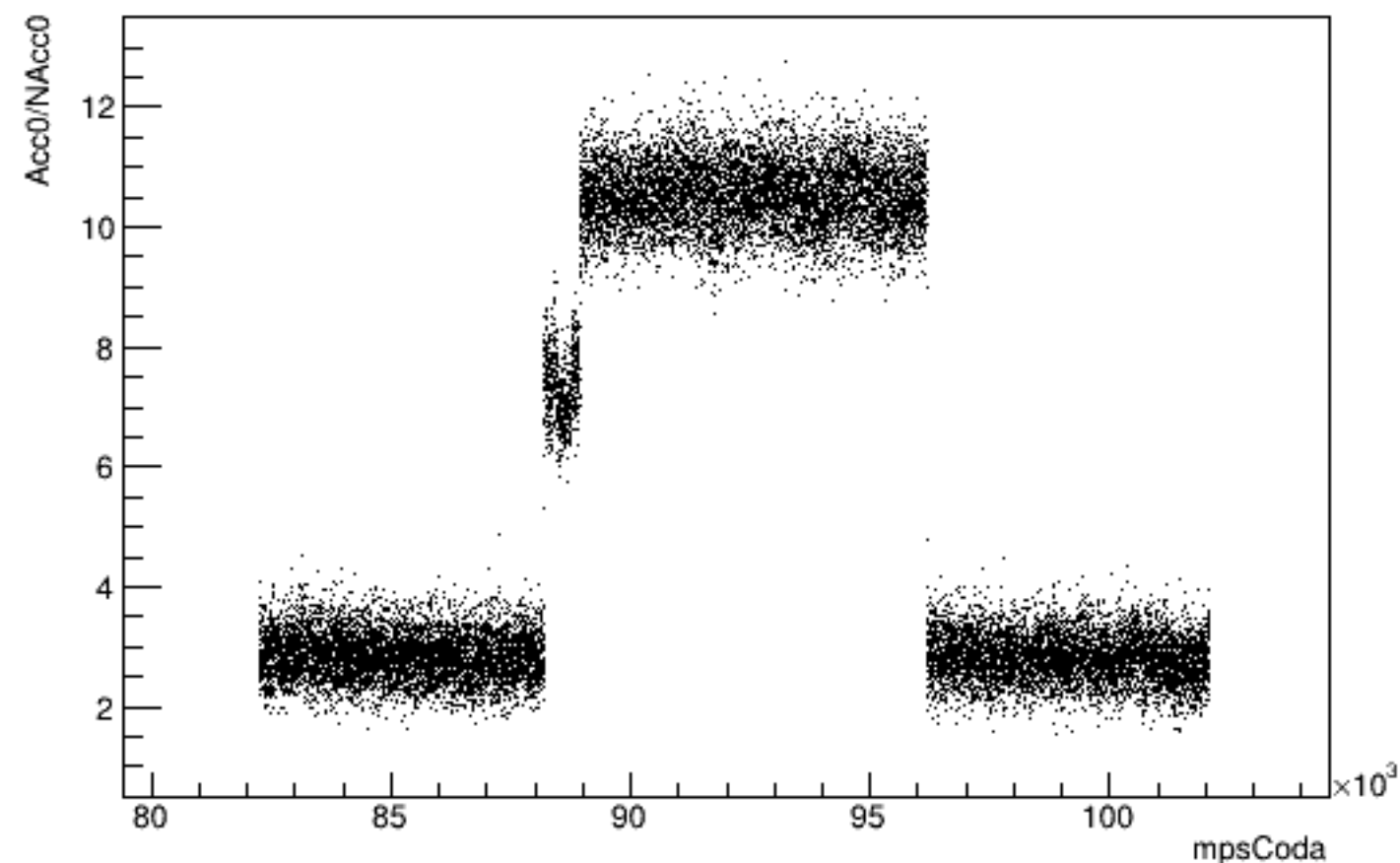
Mean: -0.0052 +/- 0.0006

Std Dev: 0.0244 +/- 0.0004

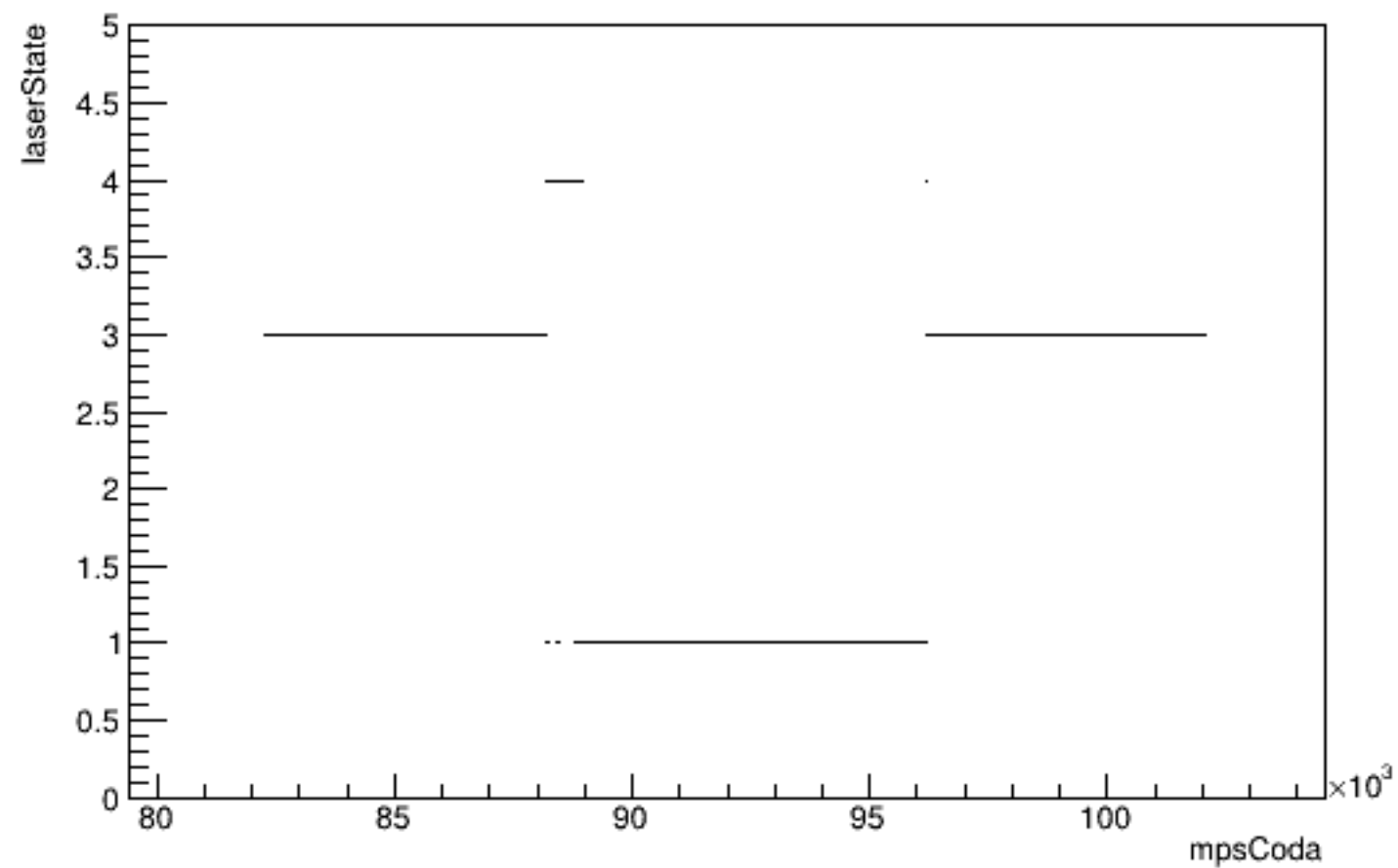
Run 6211 quartetwise, Asyms



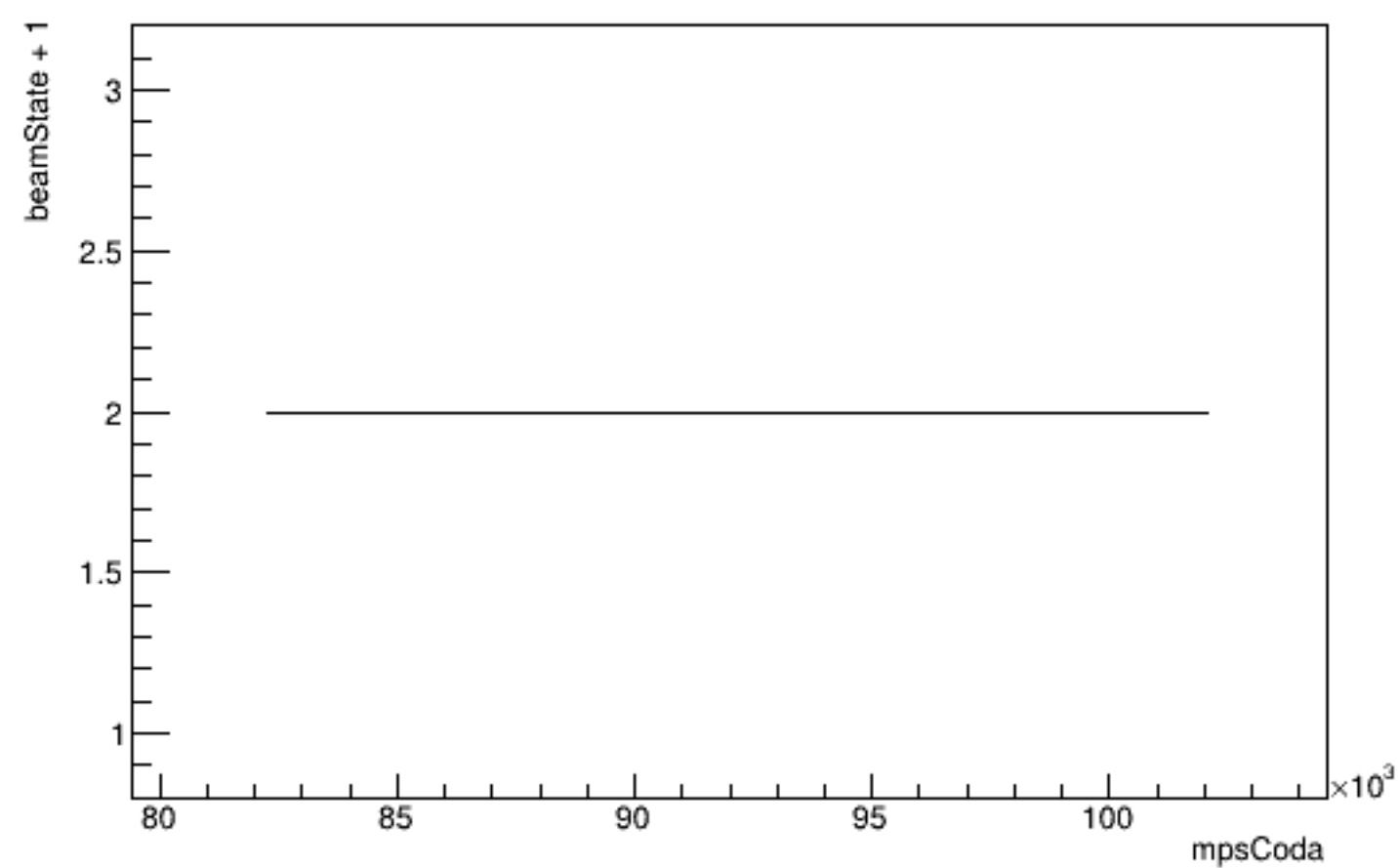
Acc0/NAcc0:mpsCoda {mpsCoda>=82239 && mpsCoda<=102086 && beamState==1}



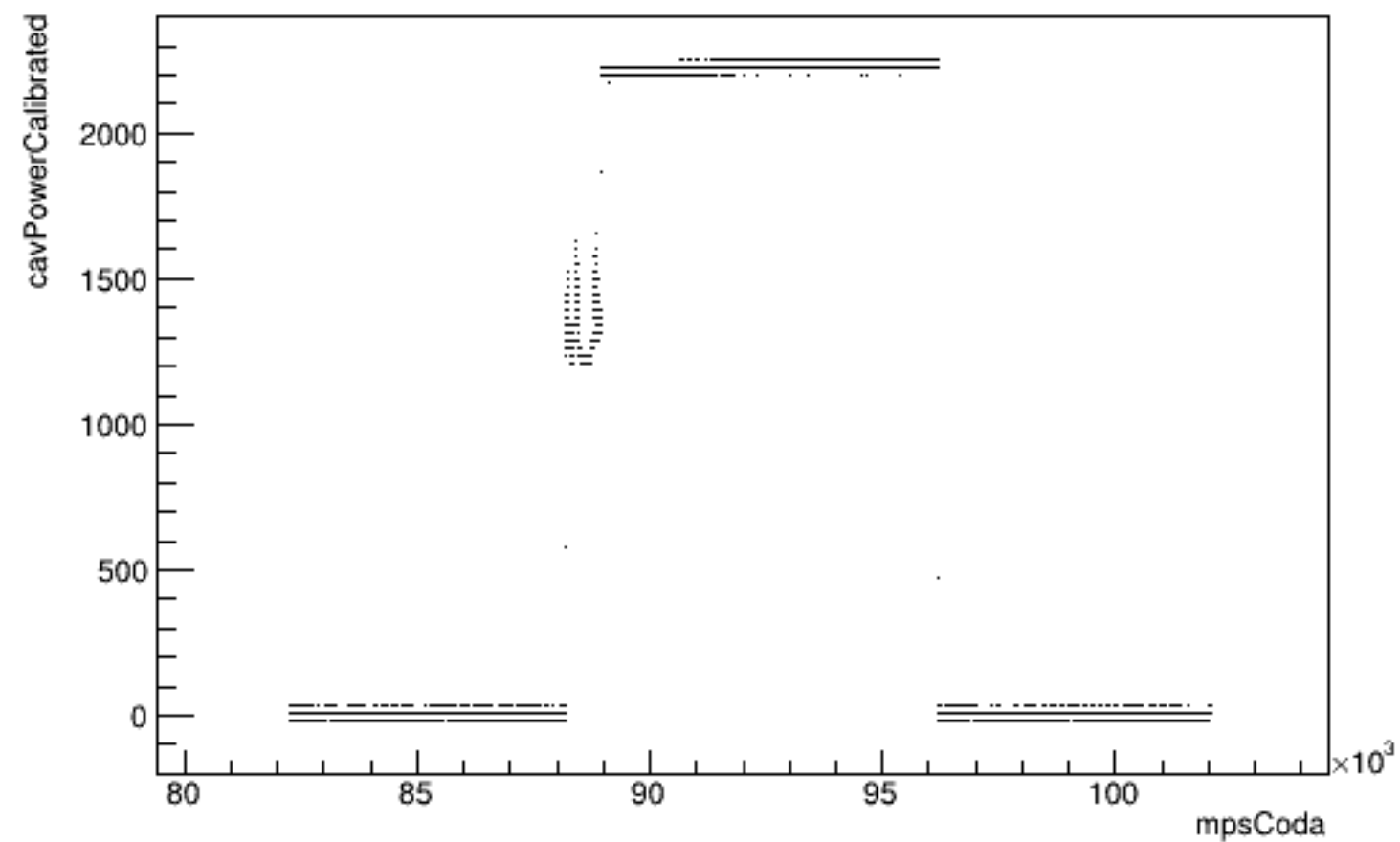
laserState:mpsCoda {mpsCoda>=82239 && mpsCoda<=102086}



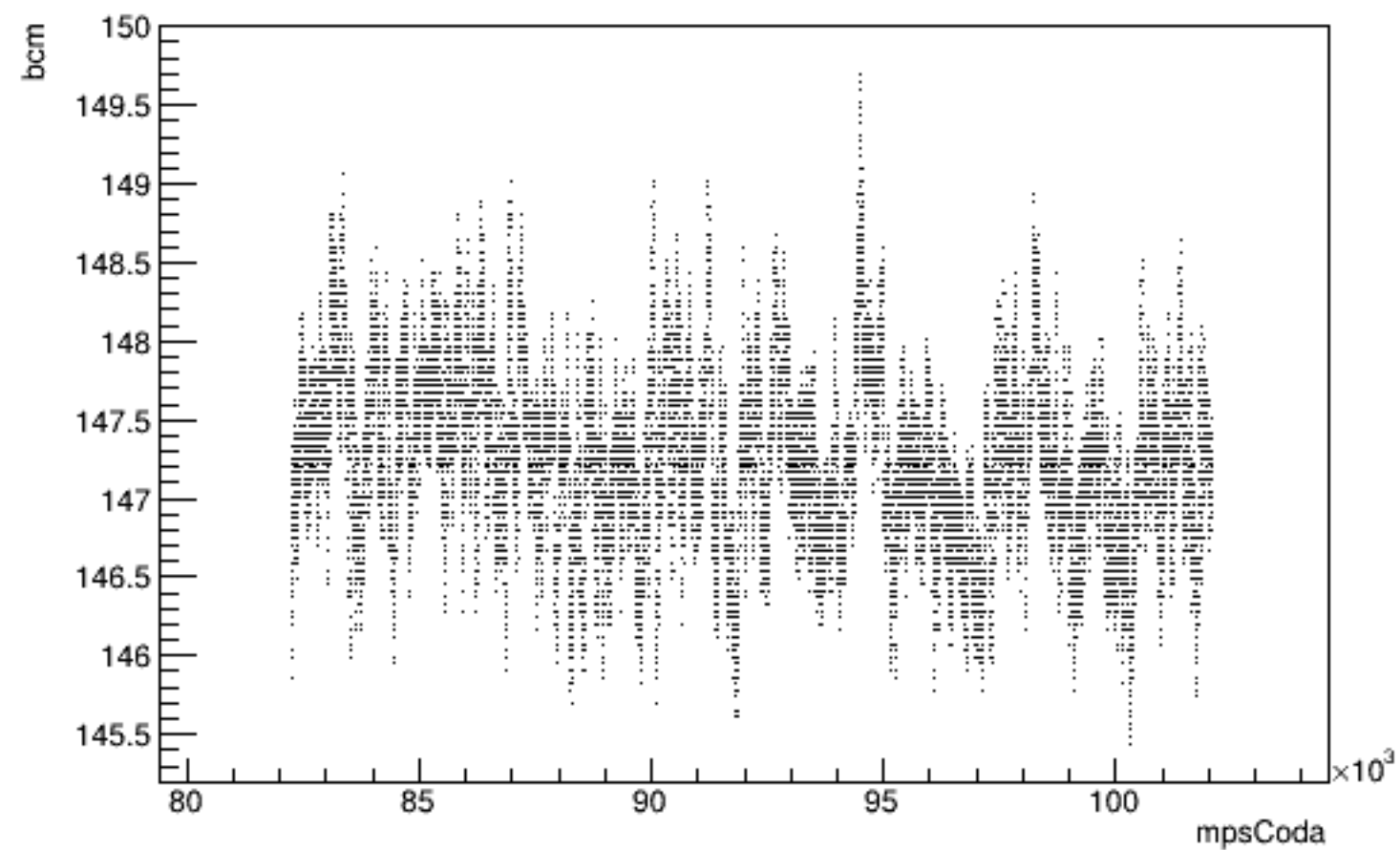
beamState + 1:mpsCoda {mpsCoda>=82239 && mpsCoda<=102086}



cavPowerCalibrated:mpsCoda {mpsCoda>=82239 && mpsCoda<=102086}



bcm:mpsCoda {mpsCoda>=82239 && mpsCoda<=102086}



Cycle 6, Diffs

Entries: 1479

Mean: -0.0872 +/- 0.0098

Std Dev: 0.3782 +/- 0.0070

Entries: 1811

Mean: 0.4041 +/- 0.0110

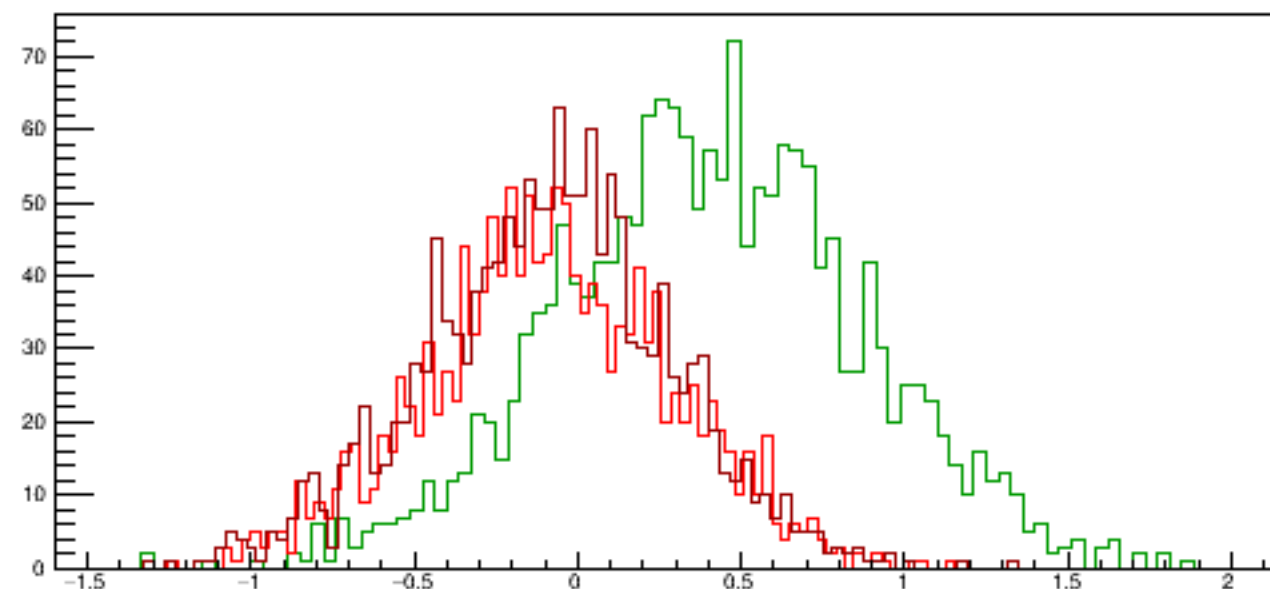
Std Dev: 0.4671 +/- 0.0078

Entries: 1483

Mean: -0.0916 +/- 0.0098

Std Dev: 0.3767 +/- 0.0069

Run 6211 quartetwise, Diffs



Cycle 6, Sums

Entries: 1479

Mean: 5.9552 +/- 0.0100

Std Dev: 0.3865 +/- 0.0071

Entries: 1811

Mean: 21.2029 +/- 0.0141

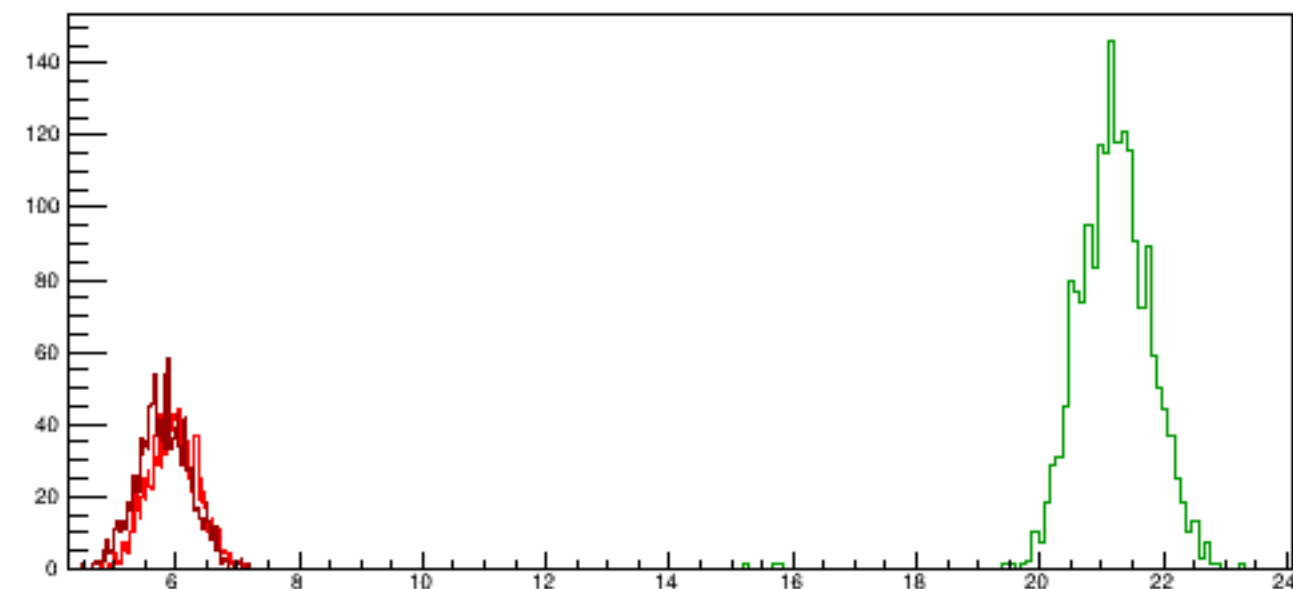
Std Dev: 0.5990 +/- 0.0100

Entries: 1483

Mean: 5.8069 +/- 0.0109

Std Dev: 0.4195 +/- 0.0077

Run 6211 quartetwise, Sums



Cycle 6, Asyms

Entries: 1479

Mean: -0.0057 +/- 0.0006

Std Dev: 0.0247 +/- 0.0005

Entries: 1811

Mean: 0.0264 +/- 0.0007

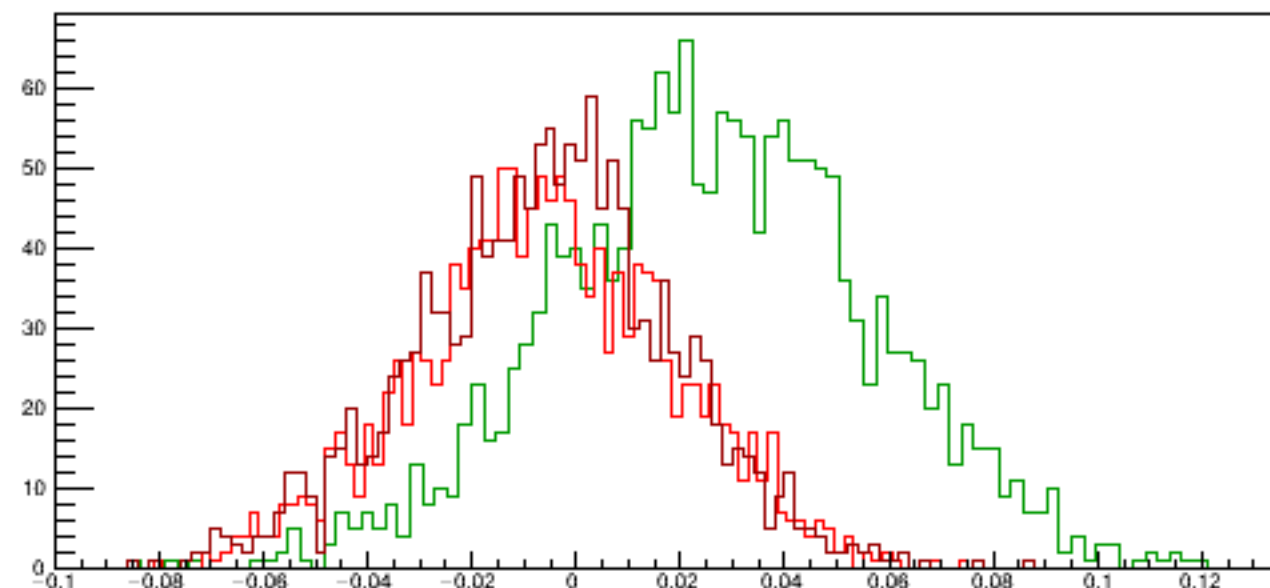
Std Dev: 0.0304 +/- 0.0005

Entries: 1483

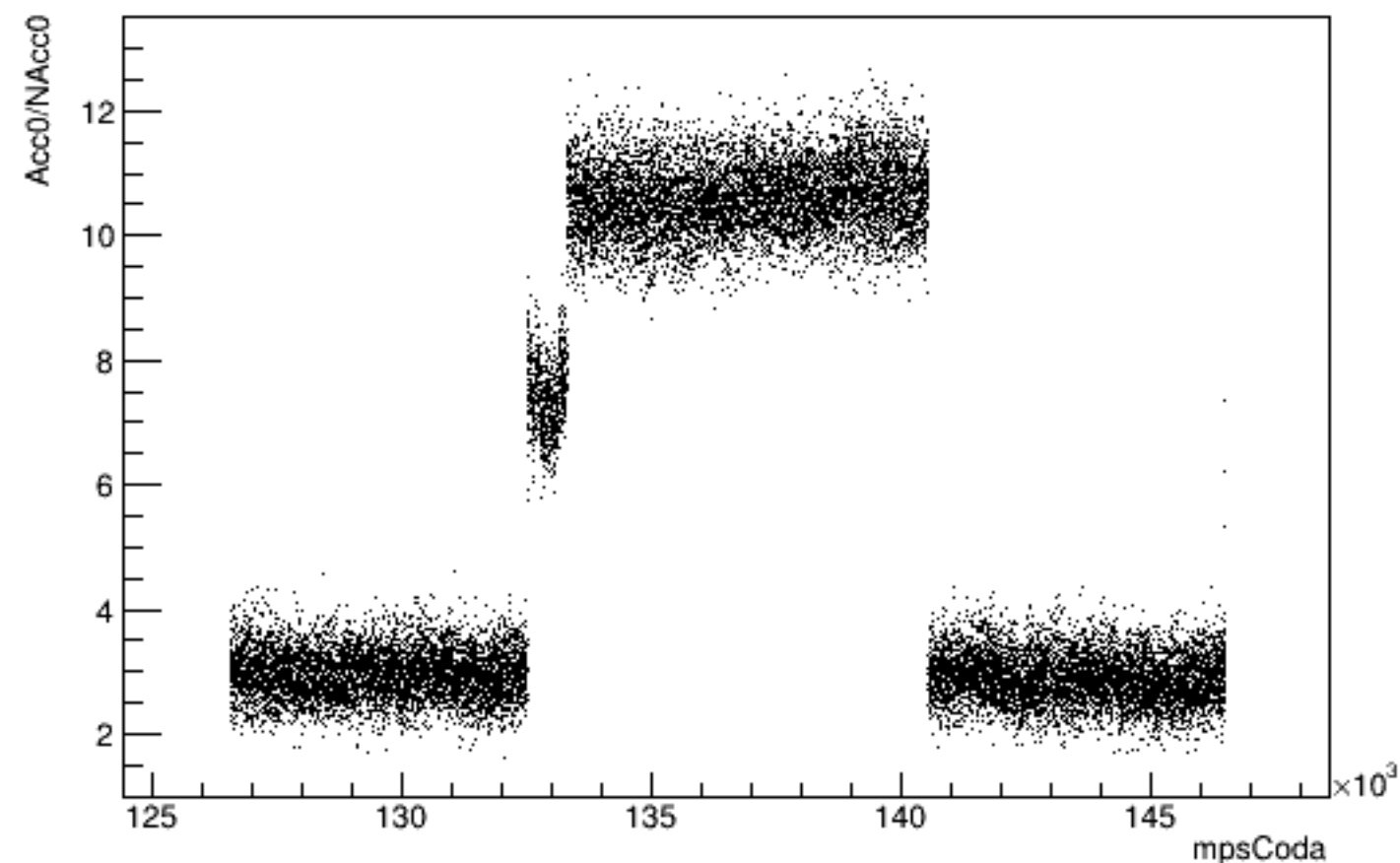
Mean: -0.0060 +/- 0.0006

Std Dev: 0.0246 +/- 0.0005

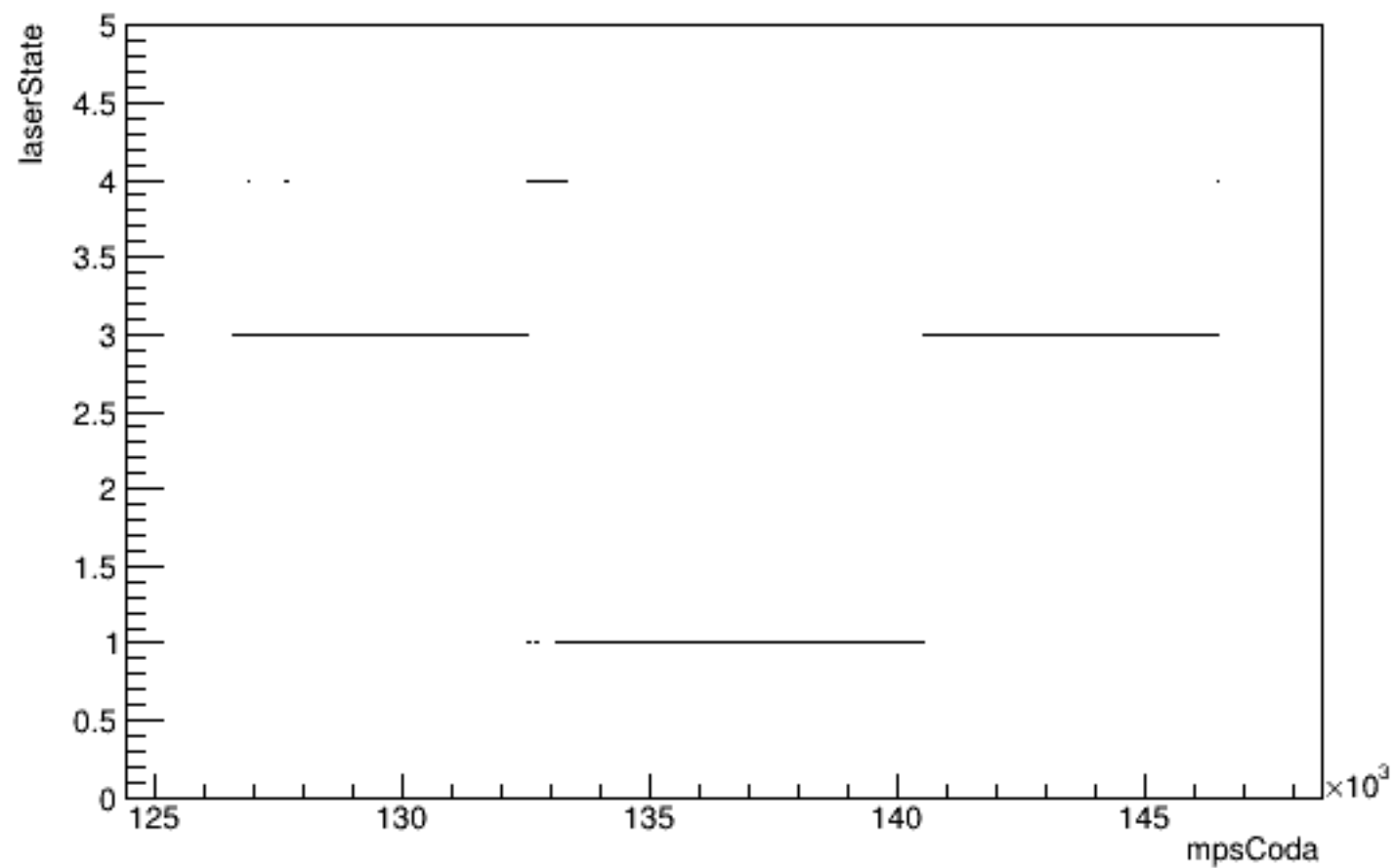
Run 6211 quartetwise, Asyms



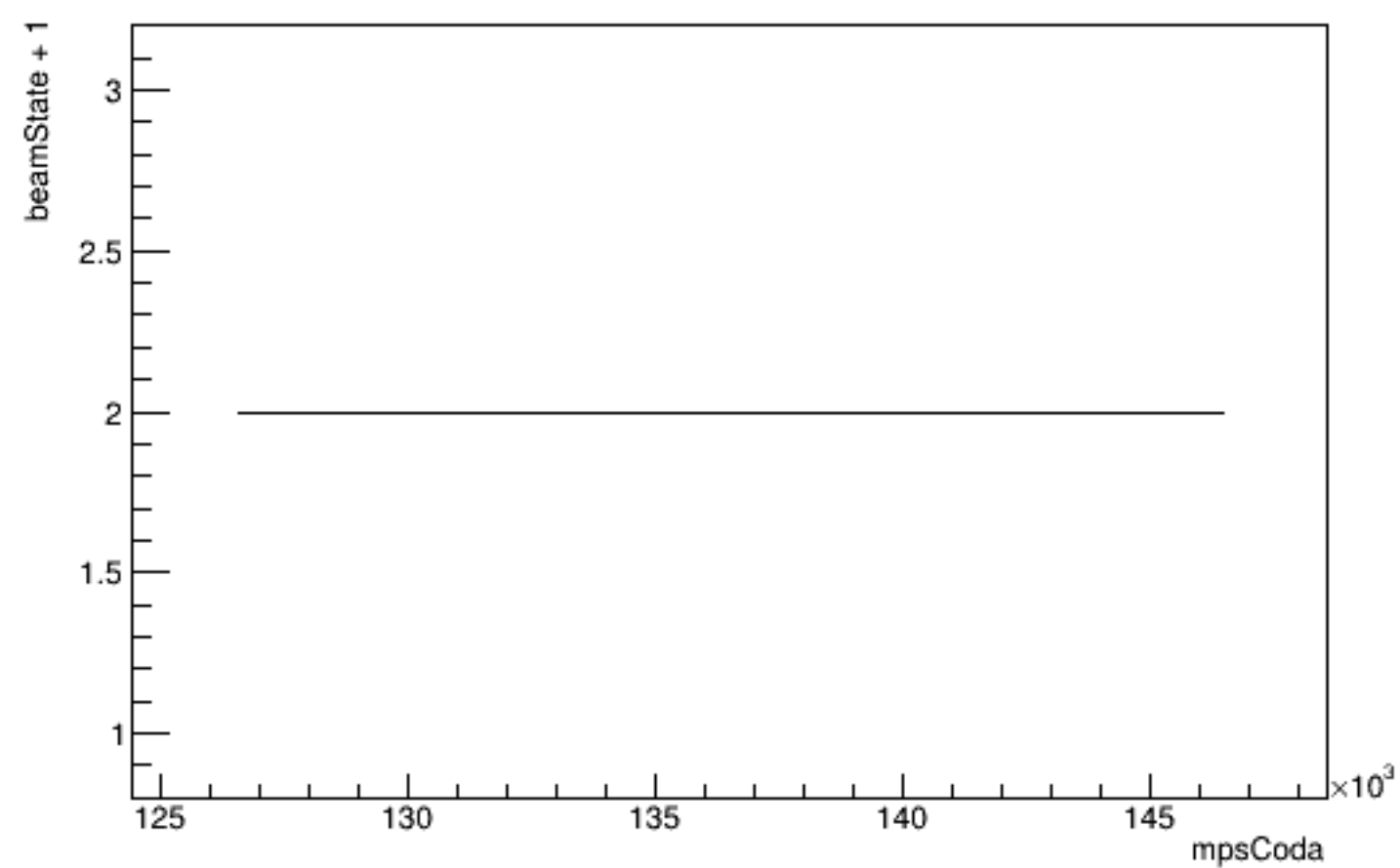
Acc0/NAcc0:mpsCoda (mpsCoda>=126579 && mpsCoda<=146482 && beamState==1)



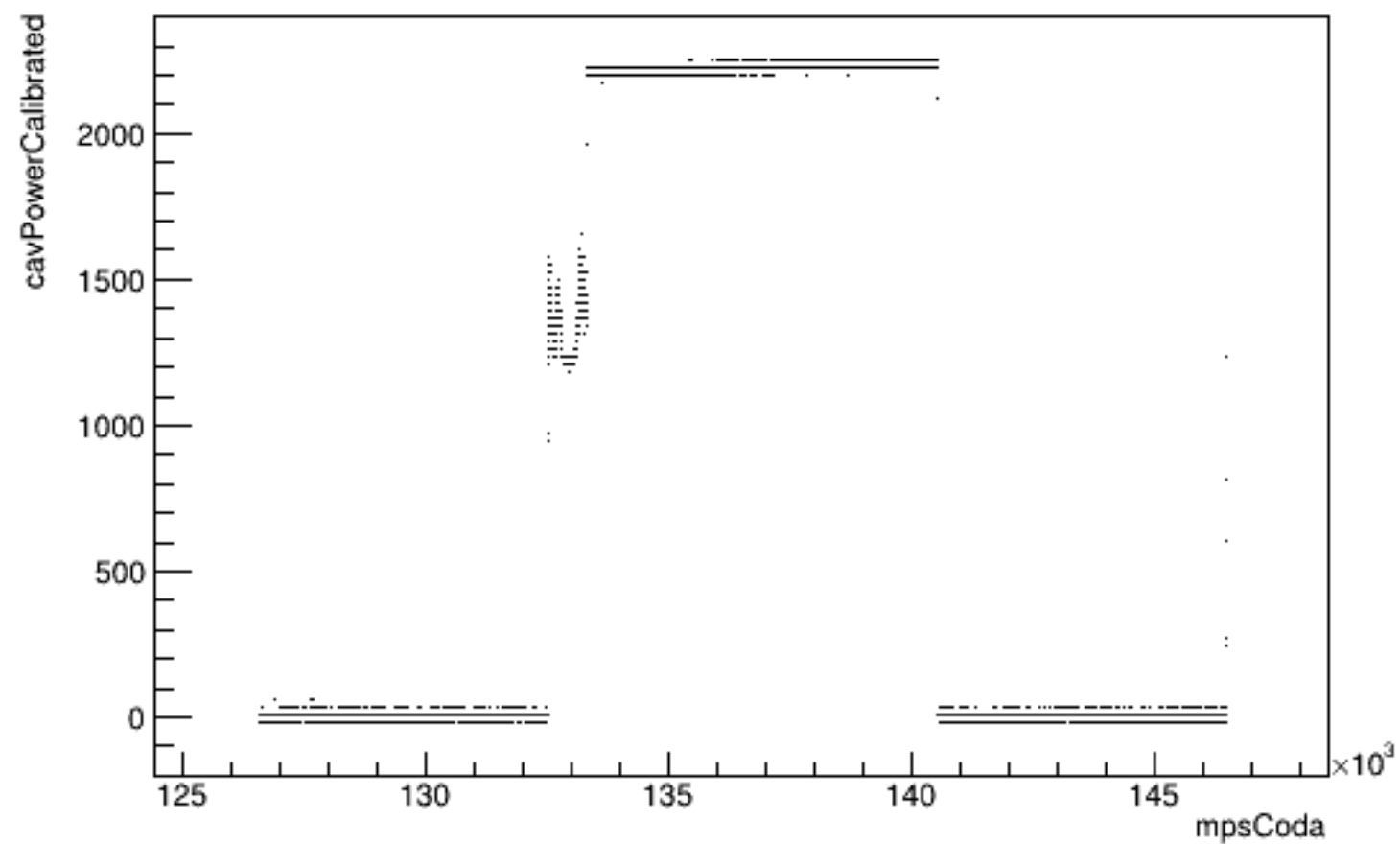
laserState:mpsCoda {mpsCoda>=126579 && mpsCoda<=146482}



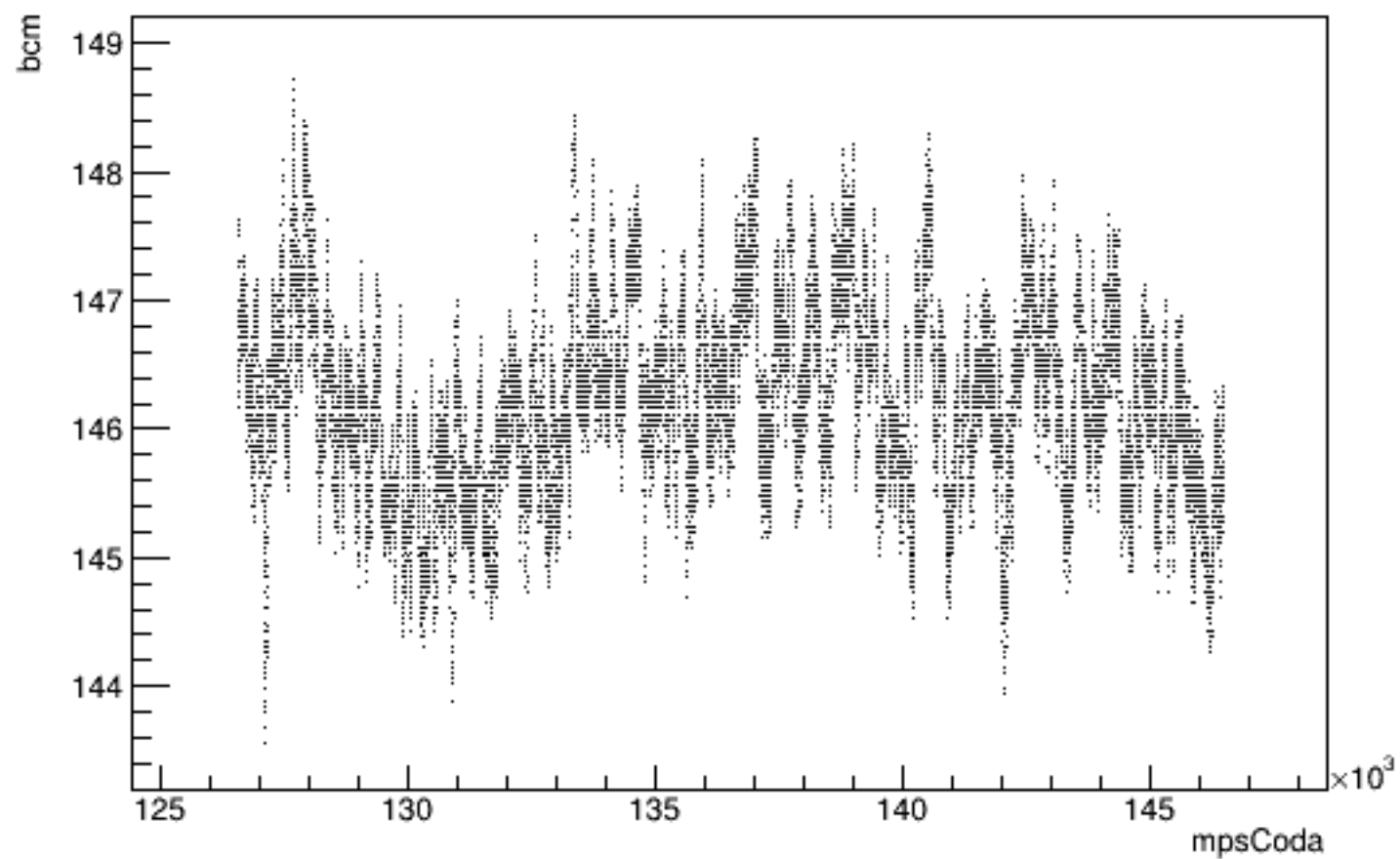
beamState + 1:mpsCoda {mpsCoda>=126579 && mpsCoda<=146482}



cavPowerCalibrated:mpsCoda {mpsCoda>=126579 && mpsCoda<=146482}



bcm:mpsCoda {mpsCoda>=126579 && mpsCoda<=146482}



Cycle 7, Diffs

Entries: 1483

Mean: -0.0916 +/- 0.0098

Std Dev: 0.3767 +/- 0.0069

Entries: 1808

Mean: 0.4038 +/- 0.0113

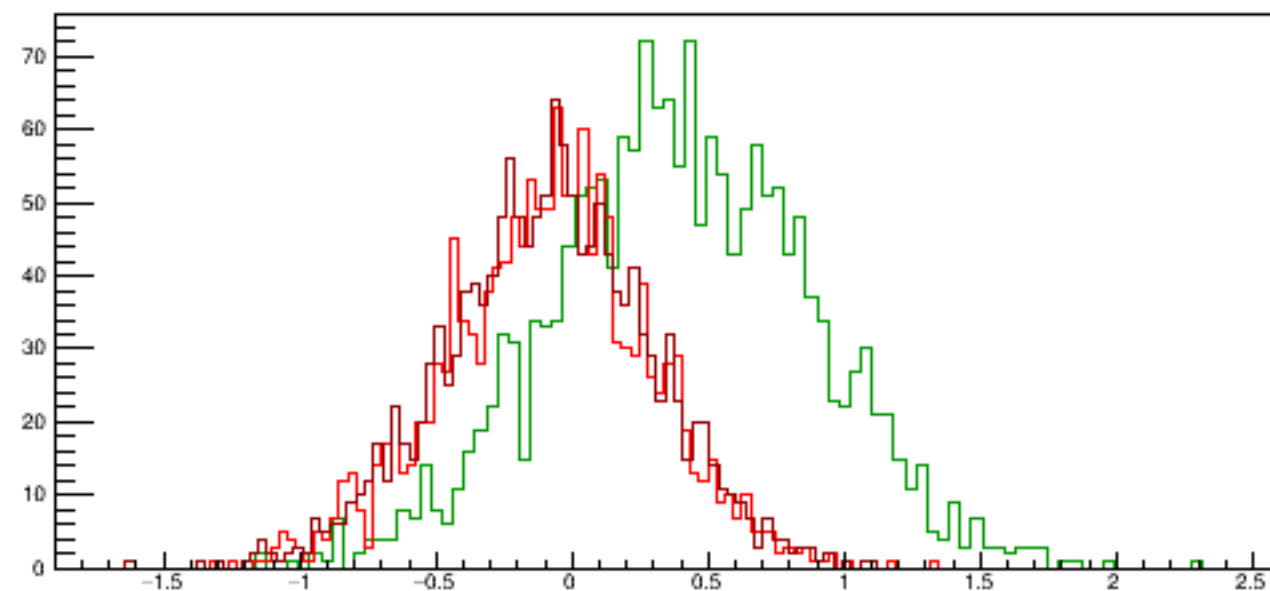
Std Dev: 0.4810 +/- 0.0080

Entries: 1486

Mean: -0.0904 +/- 0.0099

Std Dev: 0.3832 +/- 0.0070

Run 6211 quartetwise, Diffs



Cycle 7, Sums

Entries: 1483

Mean: 5.8069 +/- 0.0109

Std Dev: 0.4195 +/- 0.0077

Entries: 1808

Mean: 21.2574 +/- 0.0124

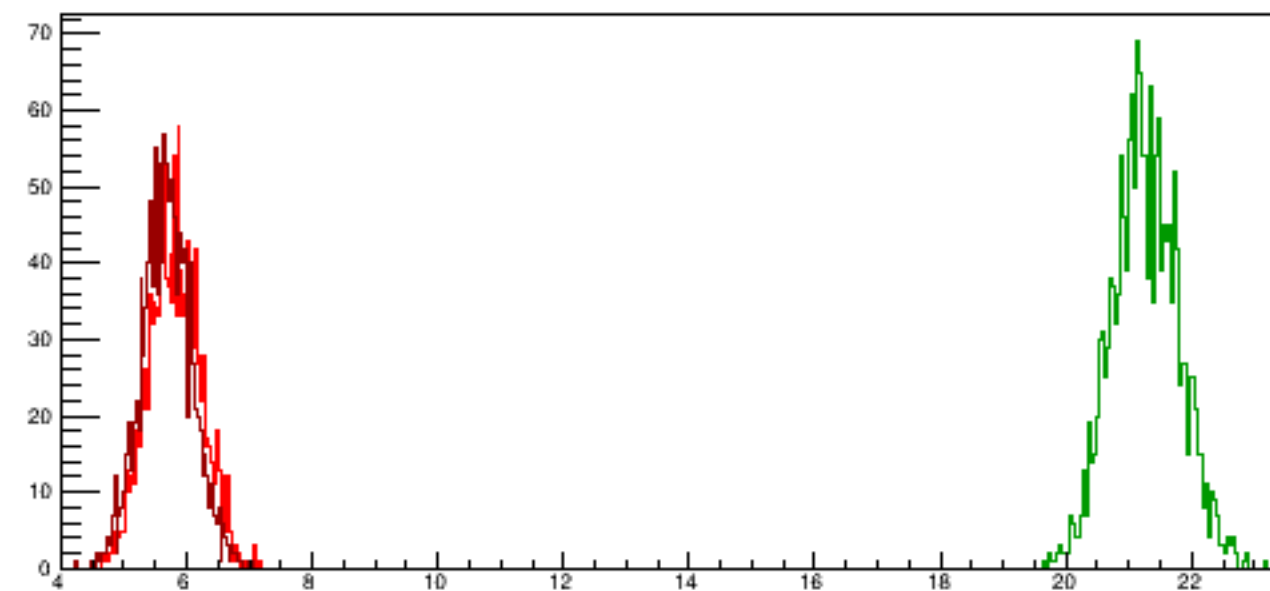
Std Dev: 0.5265 +/- 0.0088

Entries: 1486

Mean: 5.6815 +/- 0.0103

Std Dev: 0.3962 +/- 0.0073

Run 6211 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=140543 && mpsCoda<=160454 && beamState==1)

Cycle 7, Asyms

Entries: 1483

Mean: -0.0059 +/- 0.0006

Std Dev: 0.0243 +/- 0.0004

Entries: 1808

Mean: 0.0261 +/- 0.0007

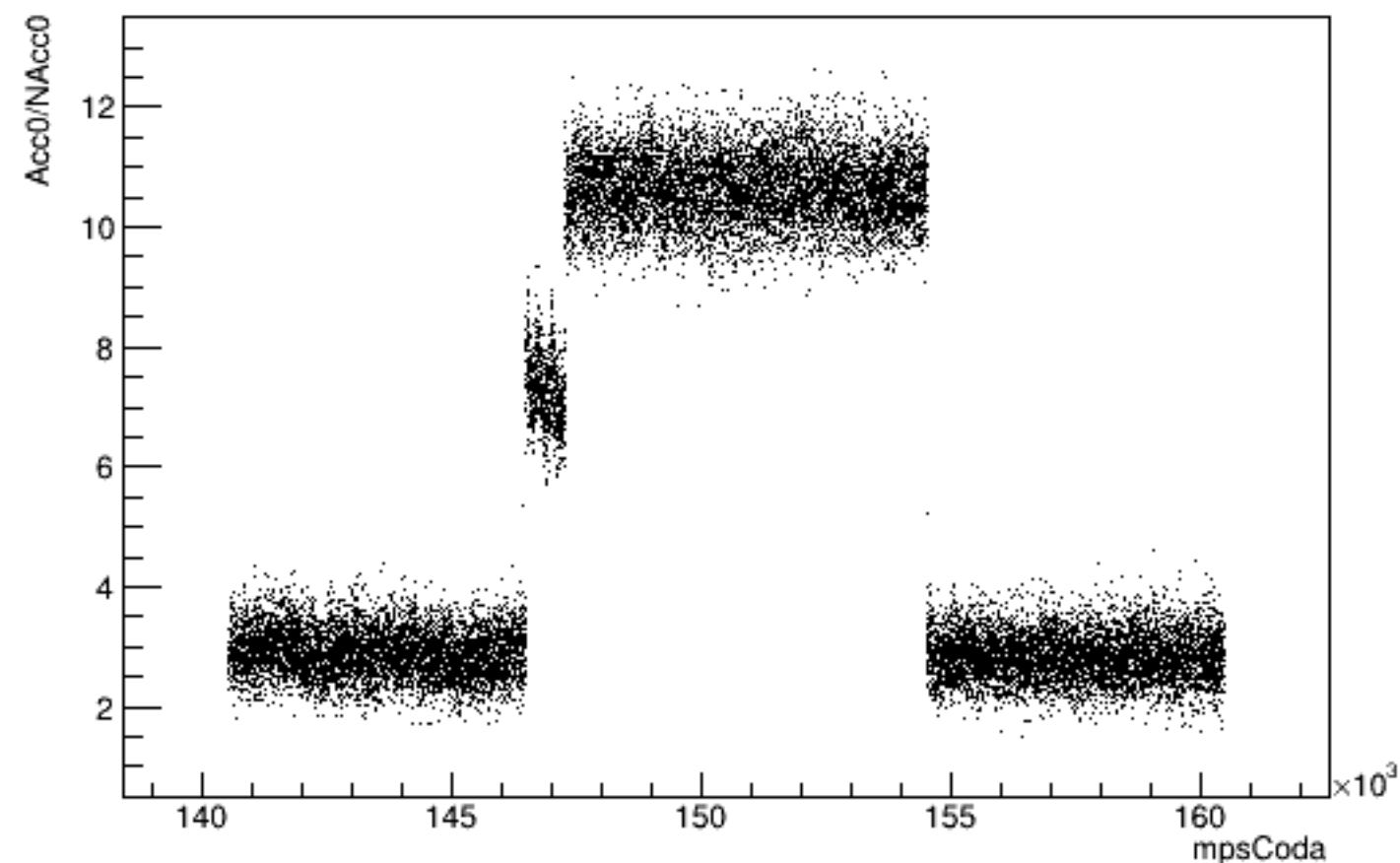
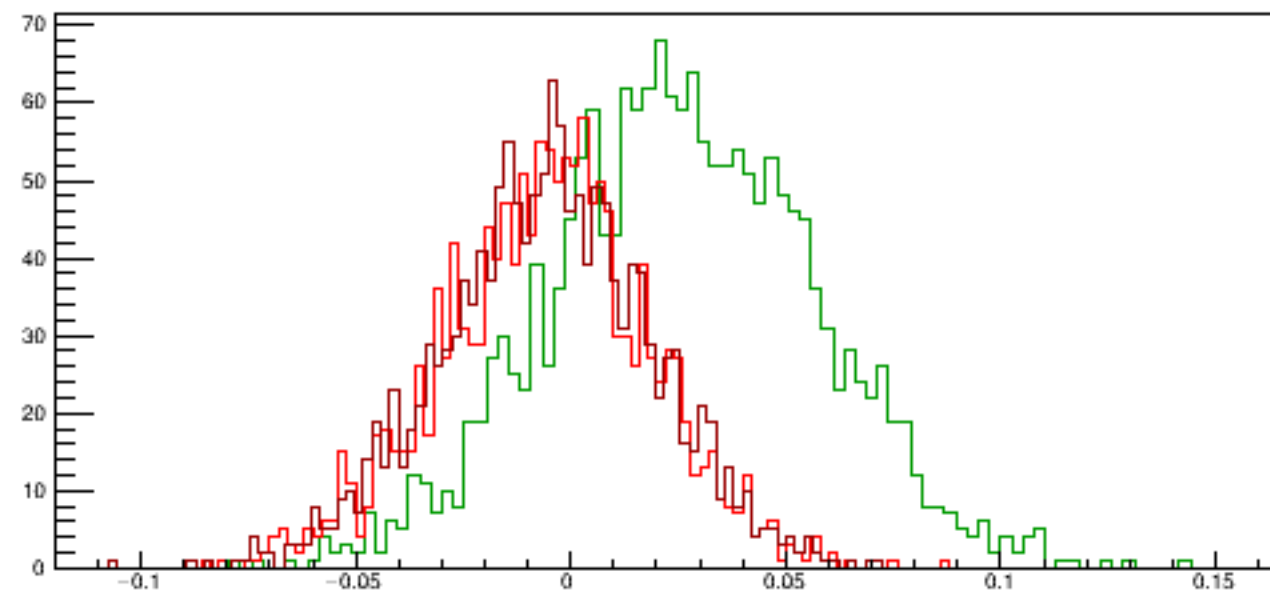
Std Dev: 0.0310 +/- 0.0005

Entries: 1486

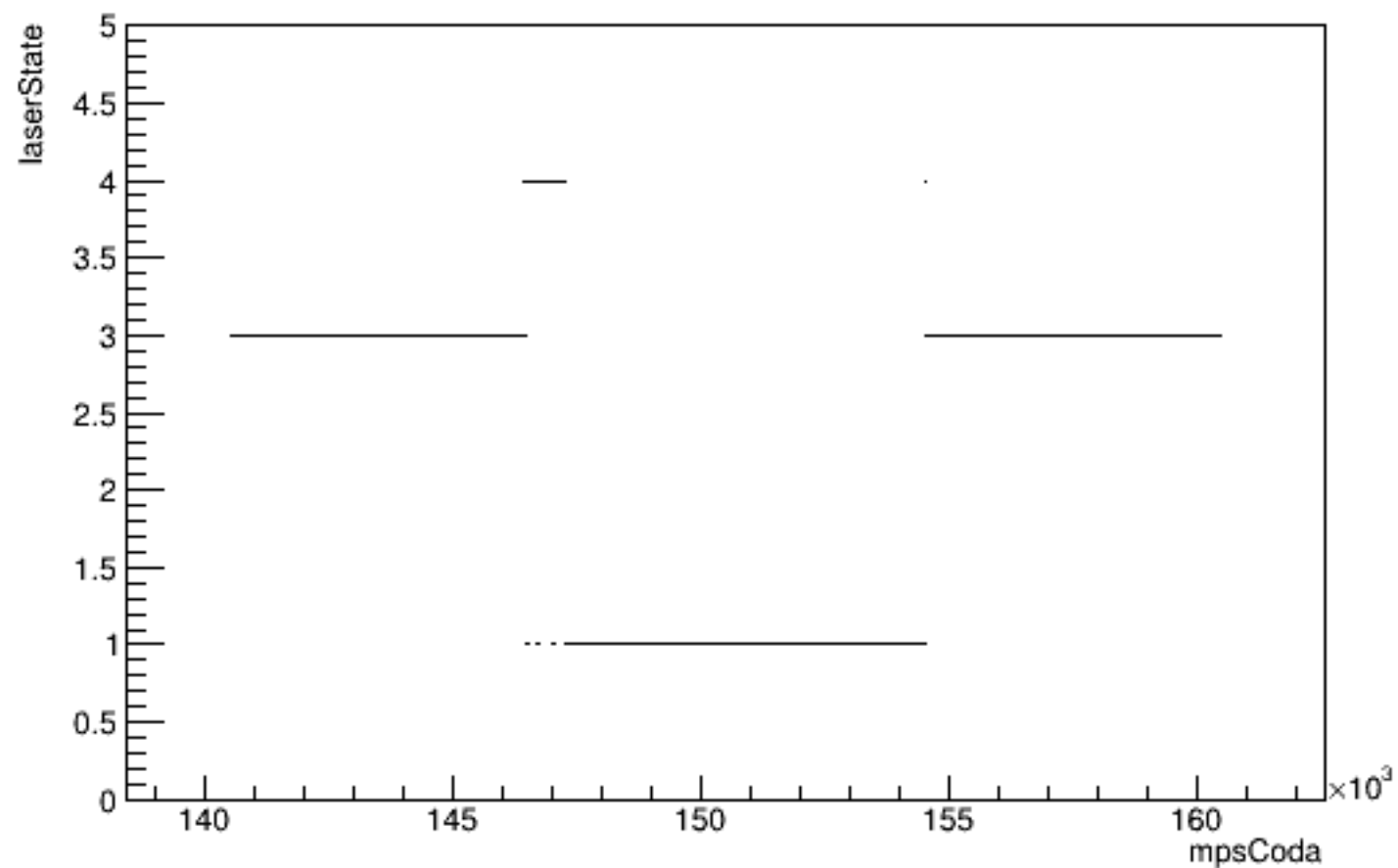
Mean: -0.0058 +/- 0.0006

Std Dev: 0.0247 +/- 0.0005

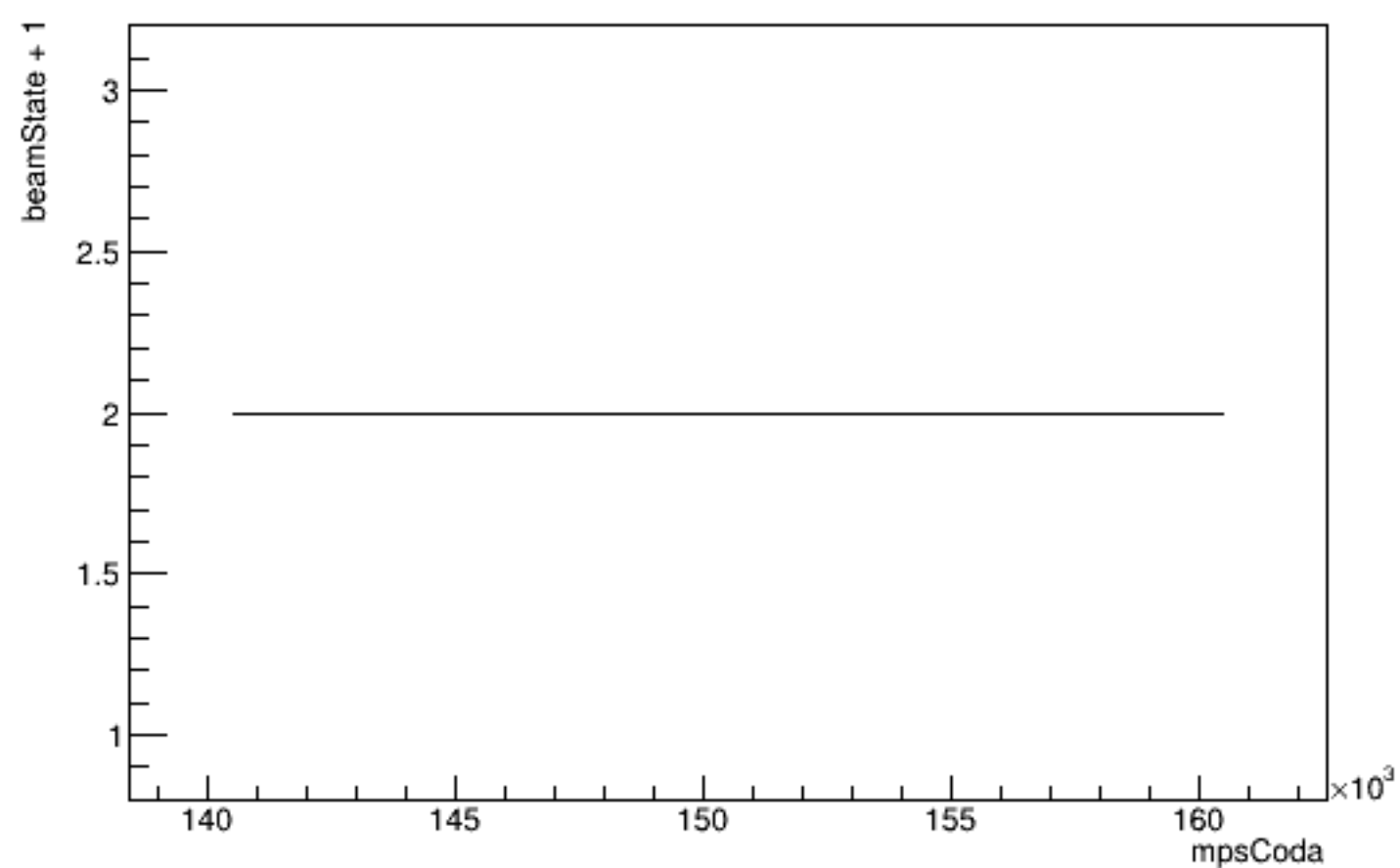
Run 6211 quartetwise, Asyms



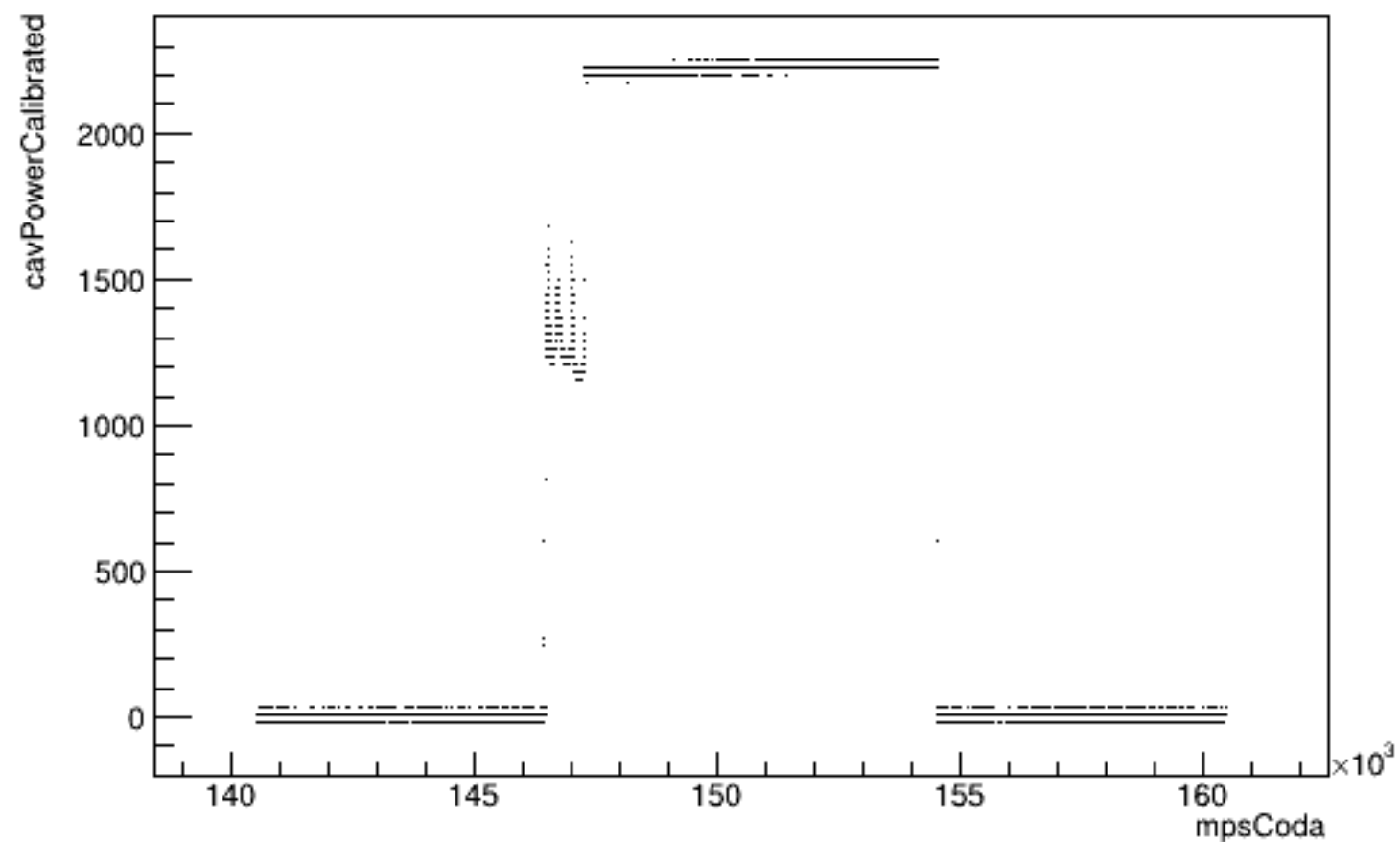
laserState:mpsCoda {mpsCoda>=140543 && mpsCoda<=160454}



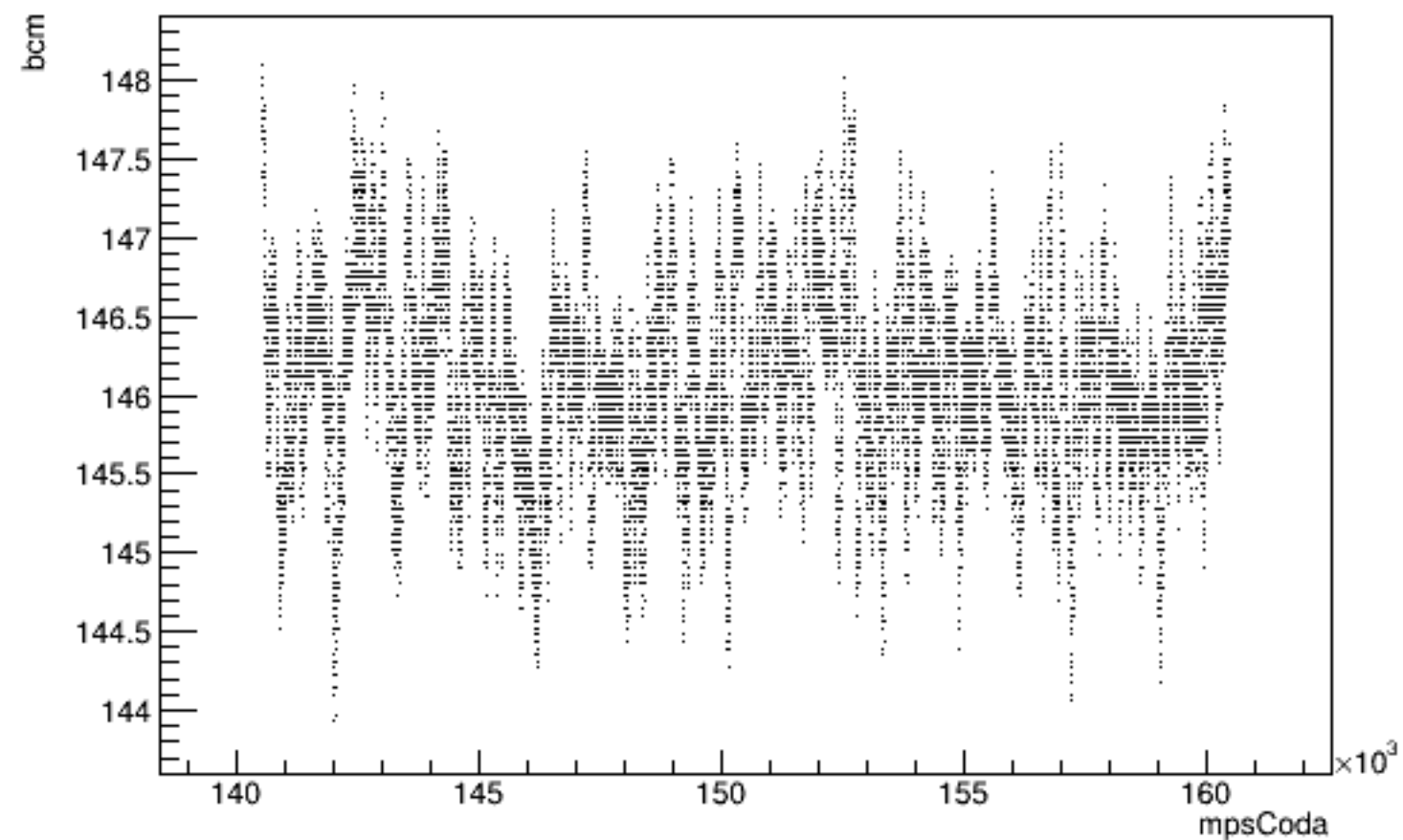
beamState + 1:mpsCoda {mpsCoda>=140543 && mpsCoda<=160454}



cavPowerCalibrated:mpsCoda {mpsCoda>=140543 && mpsCoda<=160454}



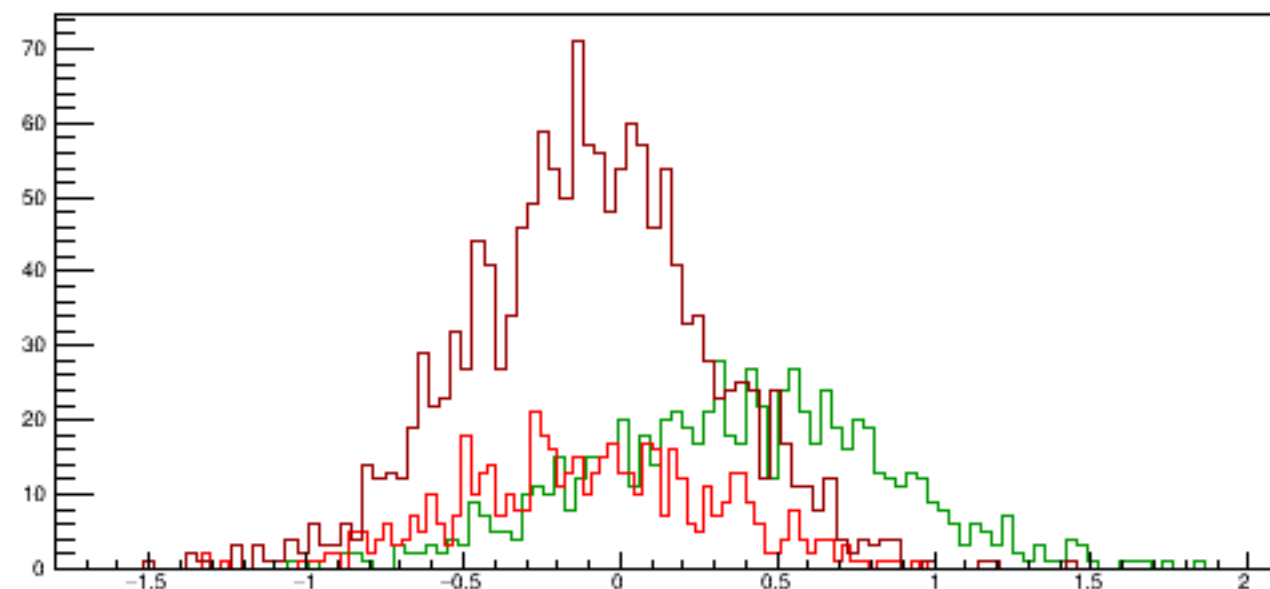
bcm:mpsCoda {mpsCoda>=140543 && mpsCoda<=160454}



Cycle 8, Diffs

Entries: 538	Entries: 770	Entries: 1502
Mean: -0.0948 +/- 0.0171	Mean: 0.3689 +/- 0.0170	Mean: -0.0988 +/- 0.0099
Std Dev: 0.3978 +/- 0.0121	Std Dev: 0.4714 +/- 0.0120	Std Dev: 0.3824 +/- 0.0070

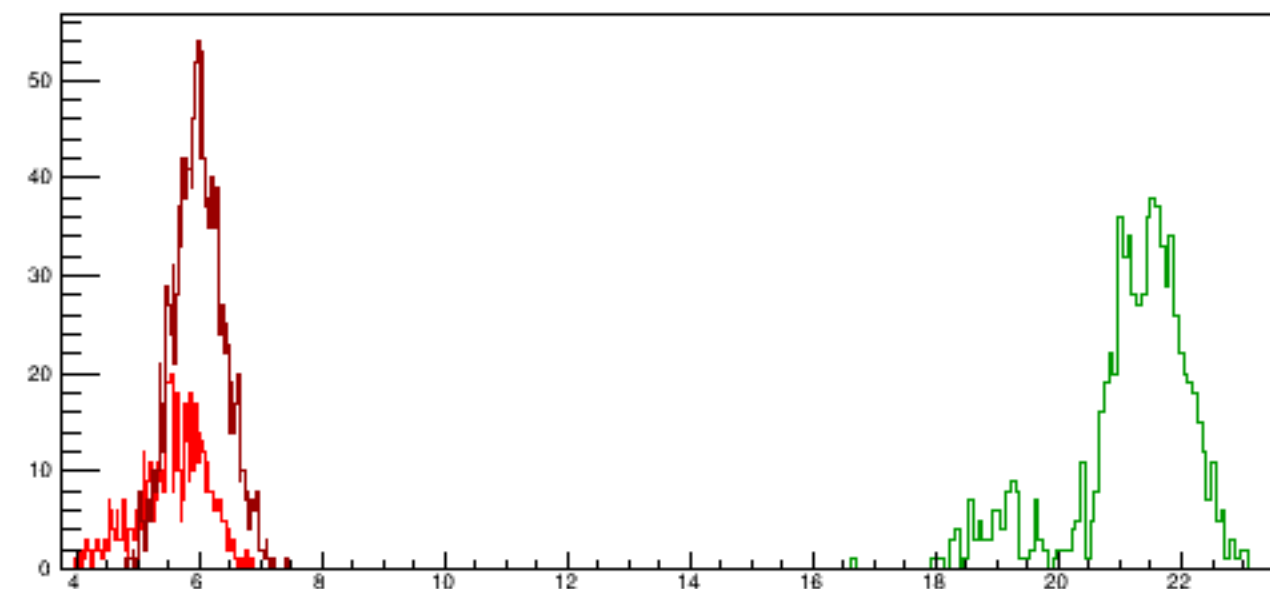
Run 6211 quartetwise, Diffs



Cycle 8, Sums

Entries: 538	Entries: 770	Entries: 1502
Mean: 5.5703 +/- 0.0244	Mean: 21.2006 +/- 0.0353	Mean: 5.9970 +/- 0.0106
Std Dev: 0.5649 +/- 0.0172	Std Dev: 0.9790 +/- 0.0249	Std Dev: 0.4103 +/- 0.0075

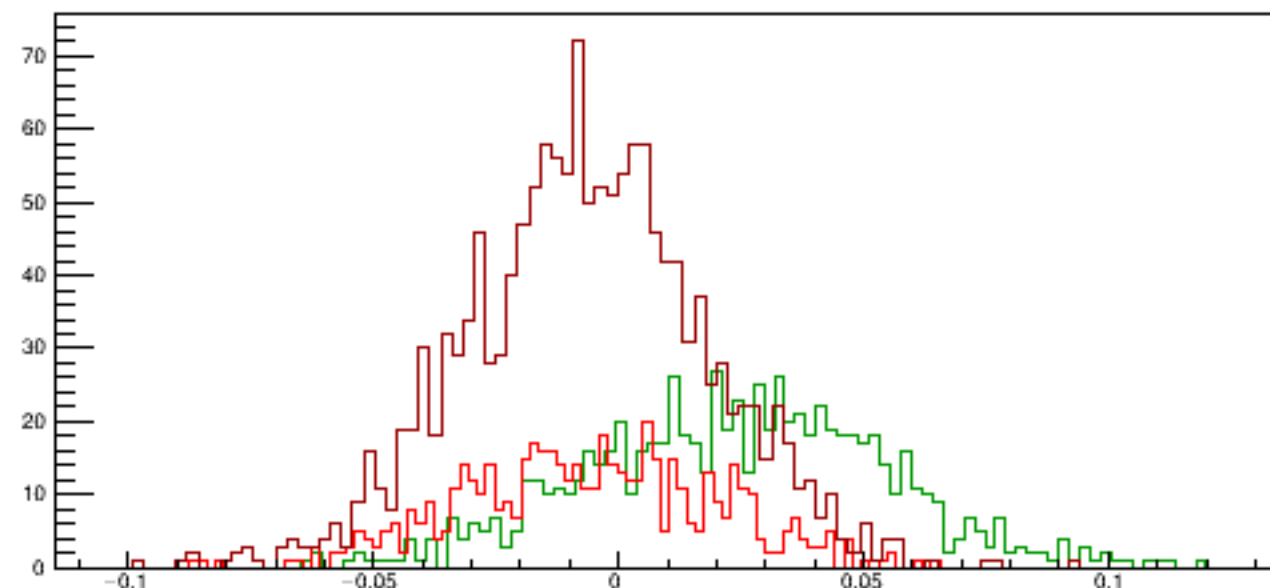
Run 6211 quartetwise, Sums



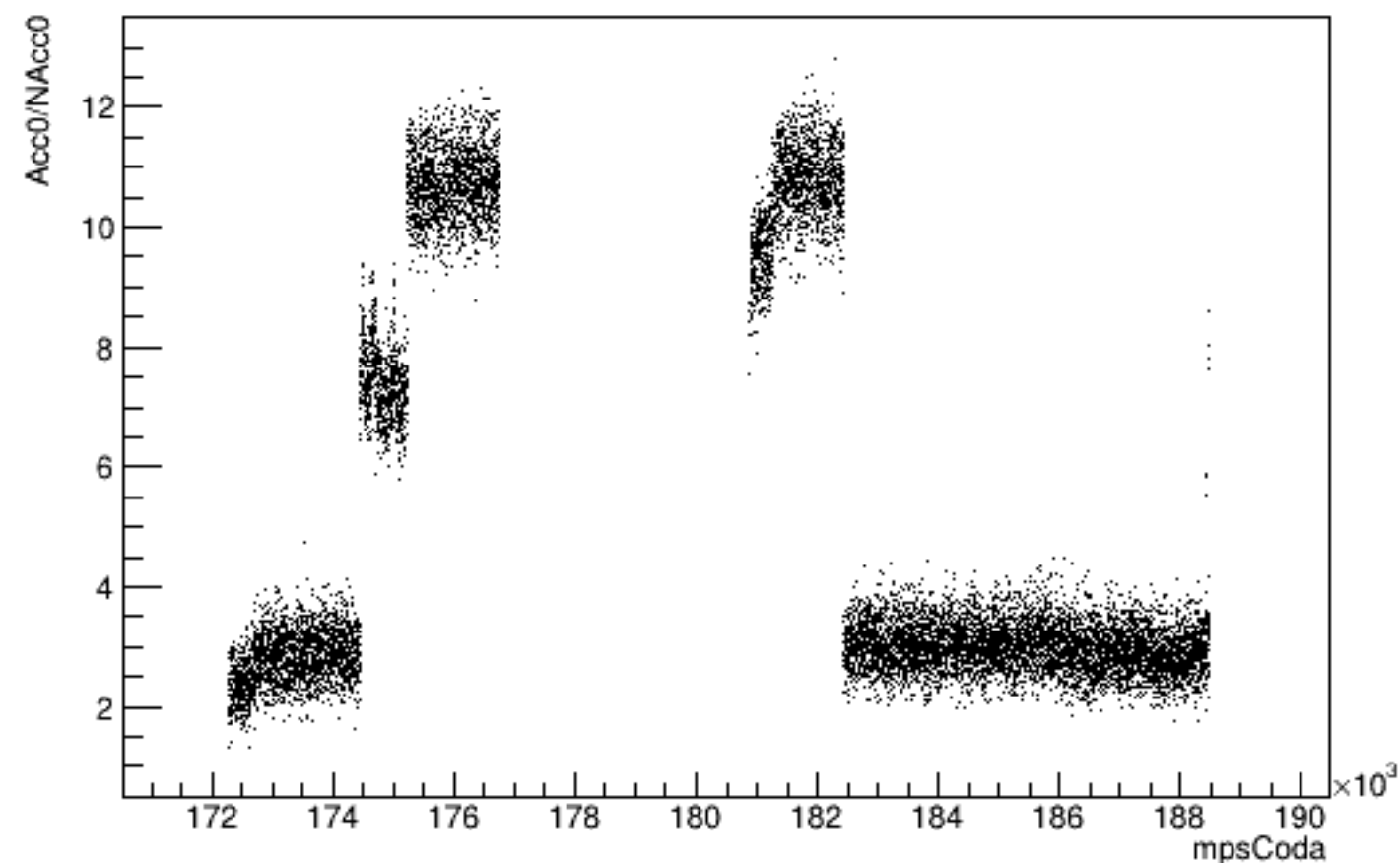
Cycle 8, Asyms

Entries: 538	Entries: 770	Entries: 1502
Mean: -0.0061 +/- 0.0011	Mean: 0.0240 +/- 0.0011	Mean: -0.0064 +/- 0.0006
Std Dev: 0.0258 +/- 0.0008	Std Dev: 0.0307 +/- 0.0008	Std Dev: 0.0248 +/- 0.0005

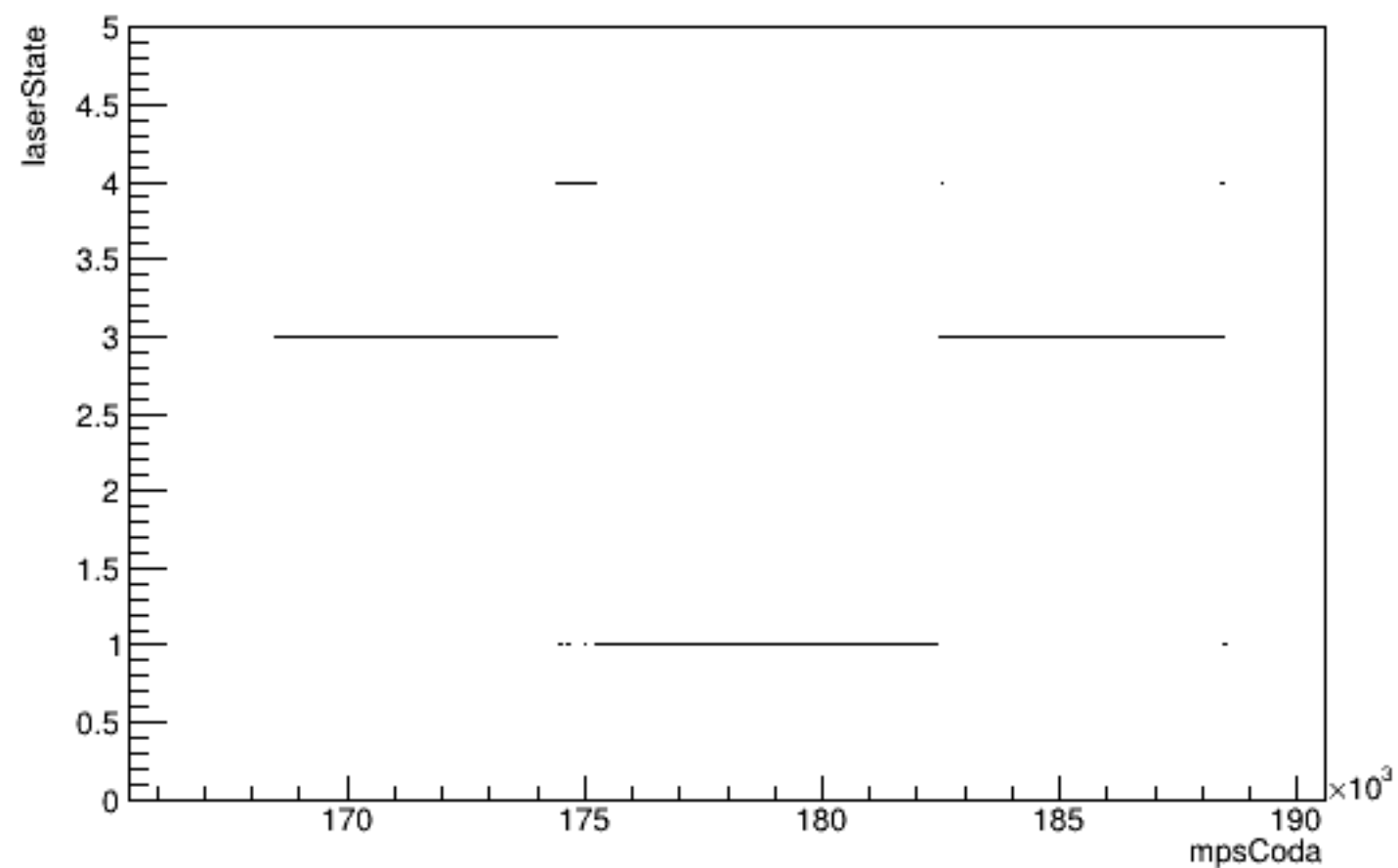
Run 6211 quartetwise, Asyms



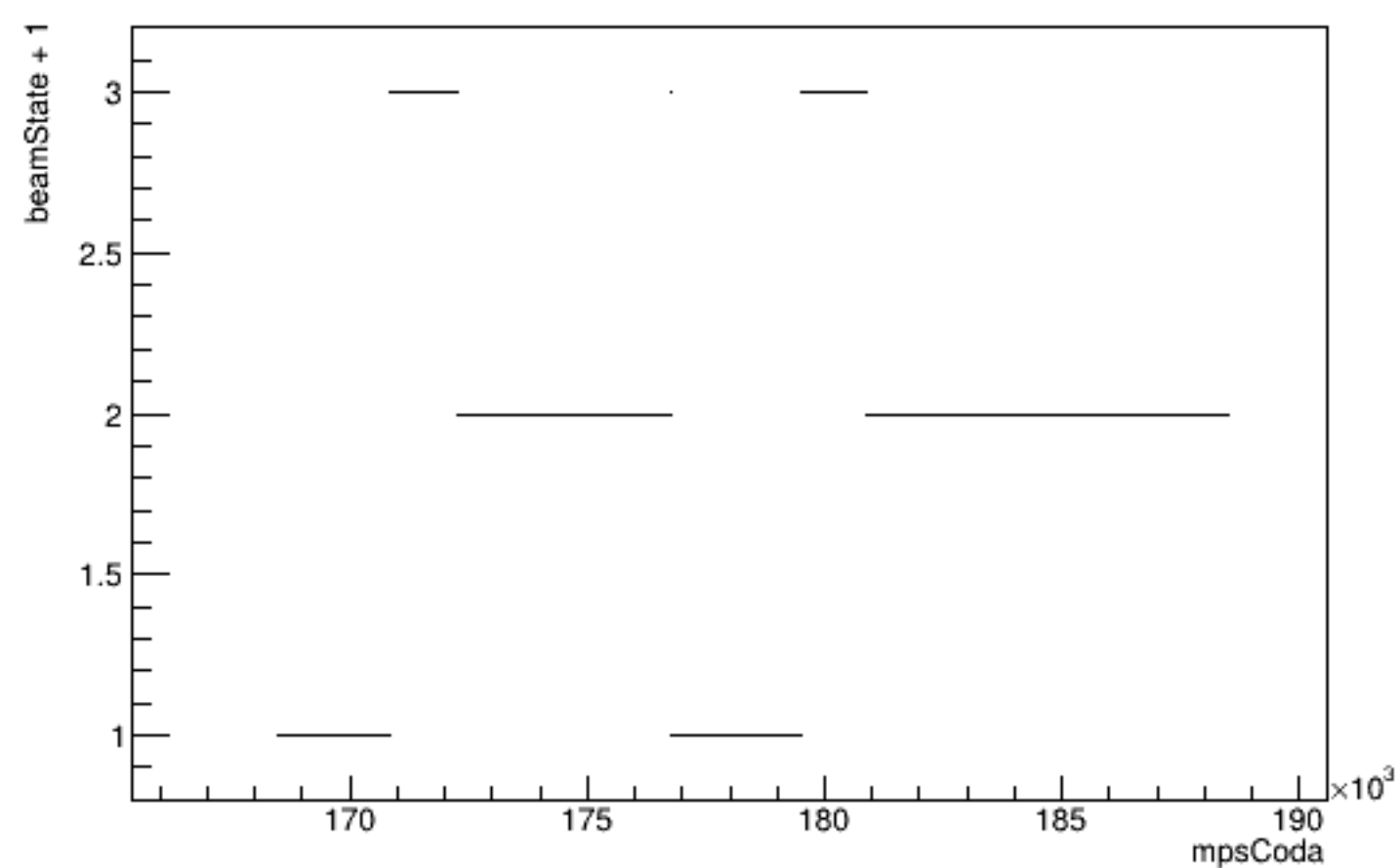
Acc0/NAcc0:mpsCoda (mpsCoda>=168483 && mpsCoda<=188482 && beamState==1)



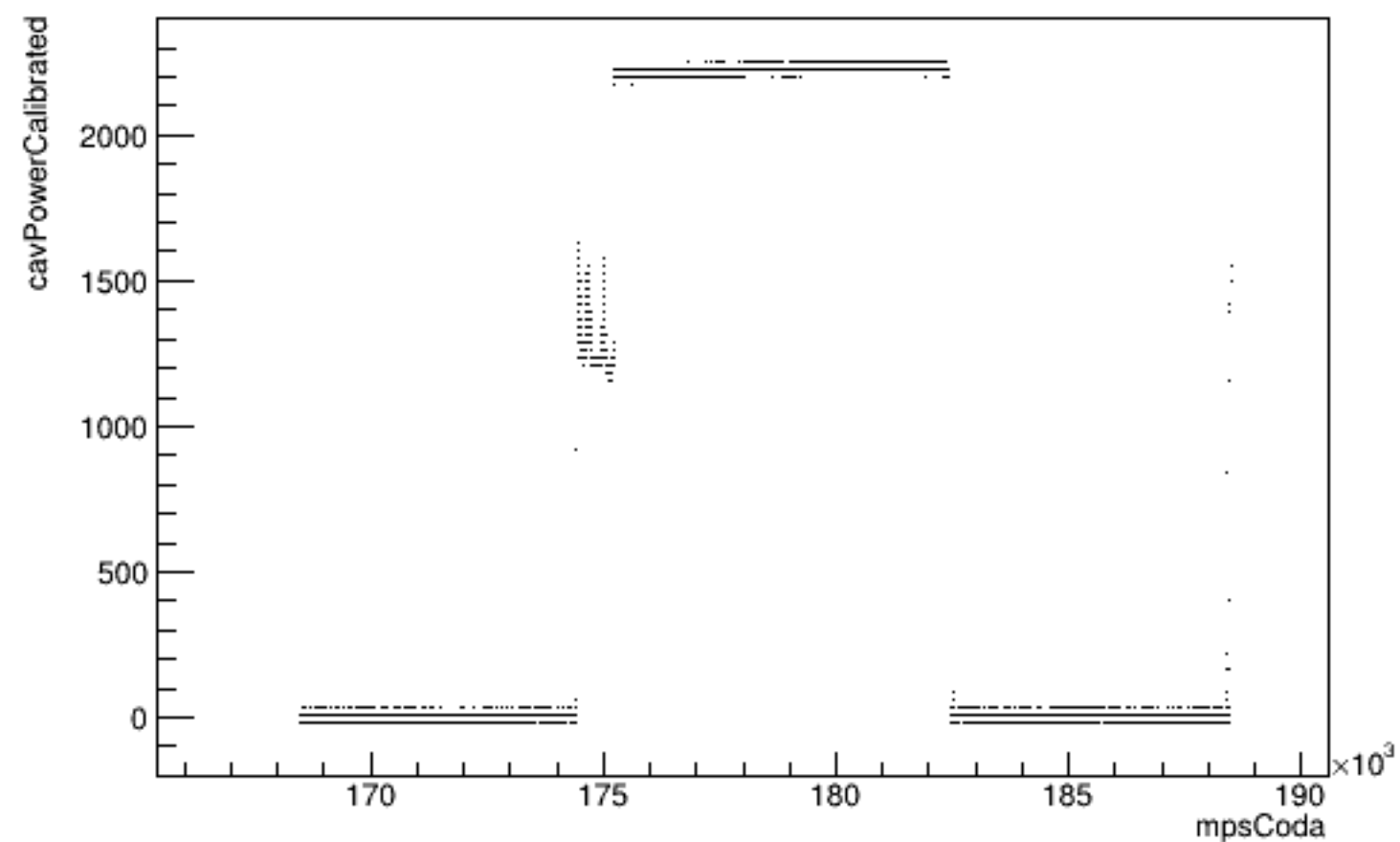
laserState:mpsCoda {mpsCoda>=168483 && mpsCoda<=188482}



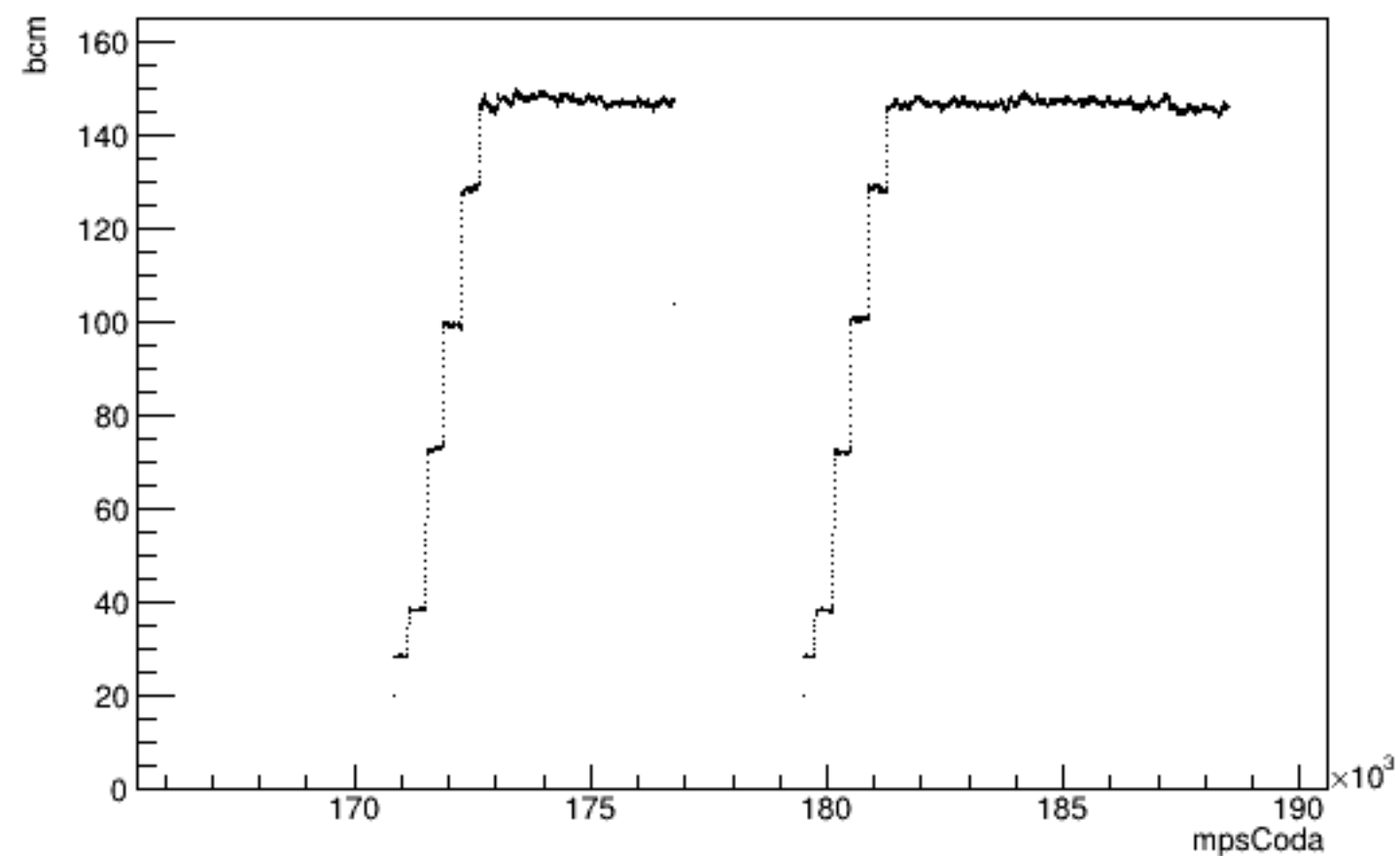
beamState + 1:mpsCoda {mpsCoda>=168483 && mpsCoda<=188482}



cavPowerCalibrated:mpsCoda {mpsCoda>=168483 && mpsCoda<=188482}



bcm:mpsCoda {mpsCoda>=168483 && mpsCoda<=188482}



Cycle 9, Diffs

Entries: 1377

Mean: -0.1268 +/- 0.0104

Std Dev: 0.3866 +/- 0.0074

Entries: 1821

Mean: 0.3781 +/- 0.0108

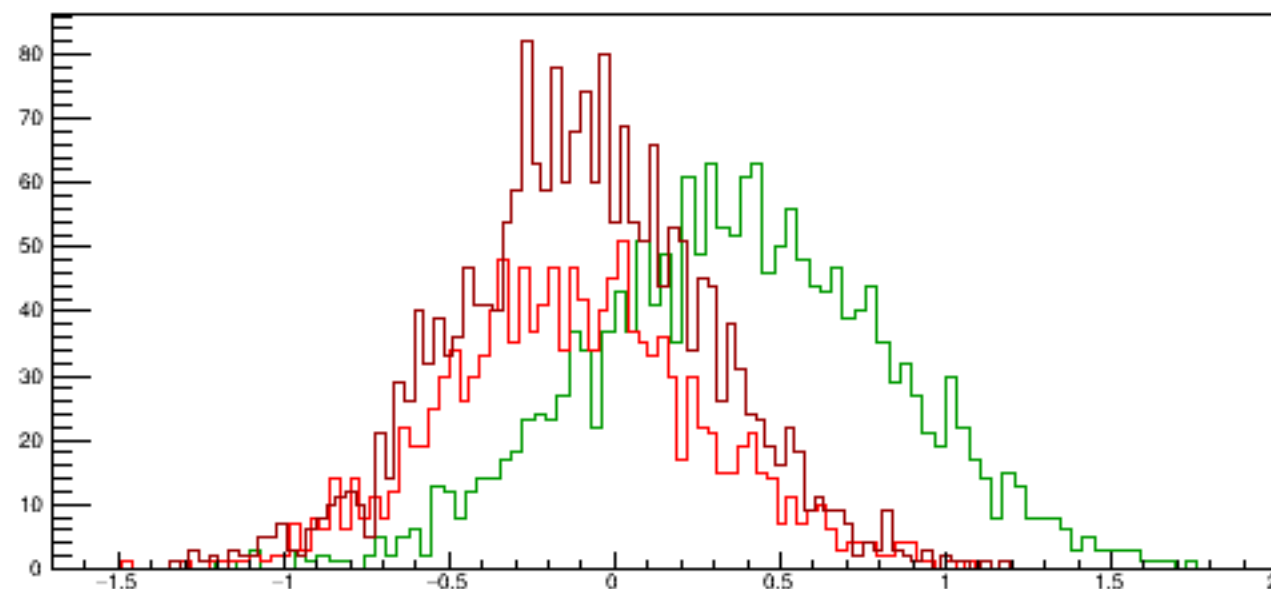
Std Dev: 0.4618 +/- 0.0077

Entries: 2134

Mean: -0.1013 +/- 0.0082

Std Dev: 0.3809 +/- 0.0058

Run 6211 quartetwise, Diffs



Cycle 9, Sums

Entries: 1377

Mean: 5.7812 +/- 0.0132

Std Dev: 0.4898 +/- 0.0093

Entries: 1821

Mean: 21.3313 +/- 0.0165

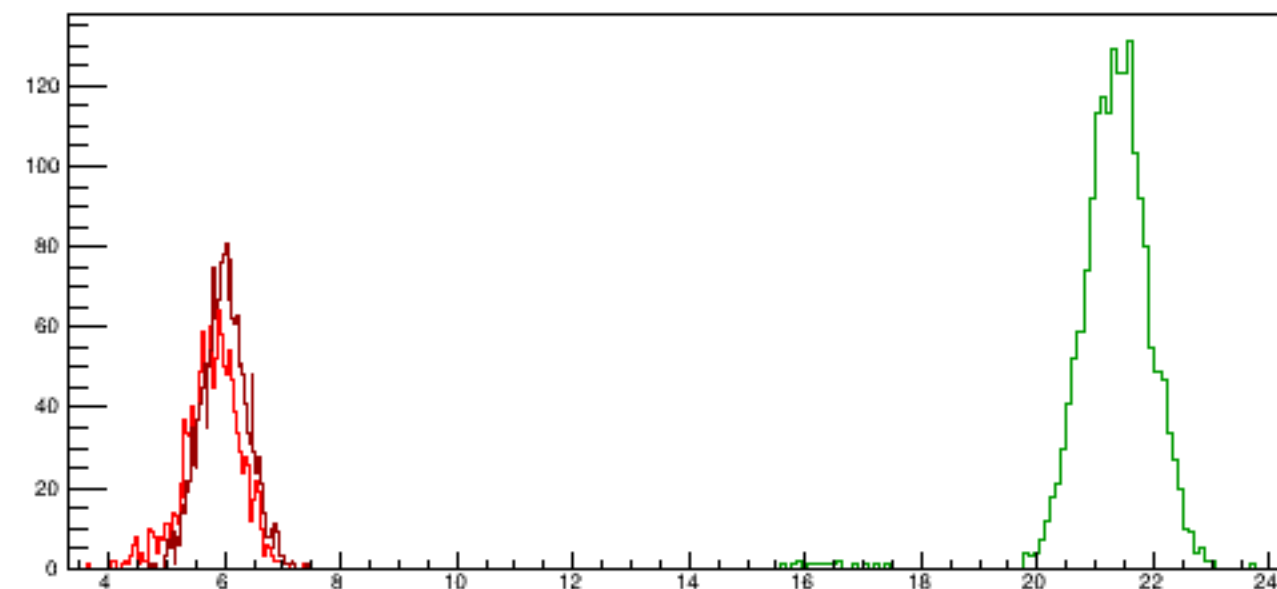
Std Dev: 0.7029 +/- 0.0116

Entries: 2134

Mean: 6.0012 +/- 0.0086

Std Dev: 0.3950 +/- 0.0060

Run 6211 quartetwise, Sums



Cycle 9, Asyms

Entries: 1377

Mean: -0.0082 +/- 0.0007

Std Dev: 0.0250 +/- 0.0005

Entries: 1821

Mean: 0.0245 +/- 0.0007

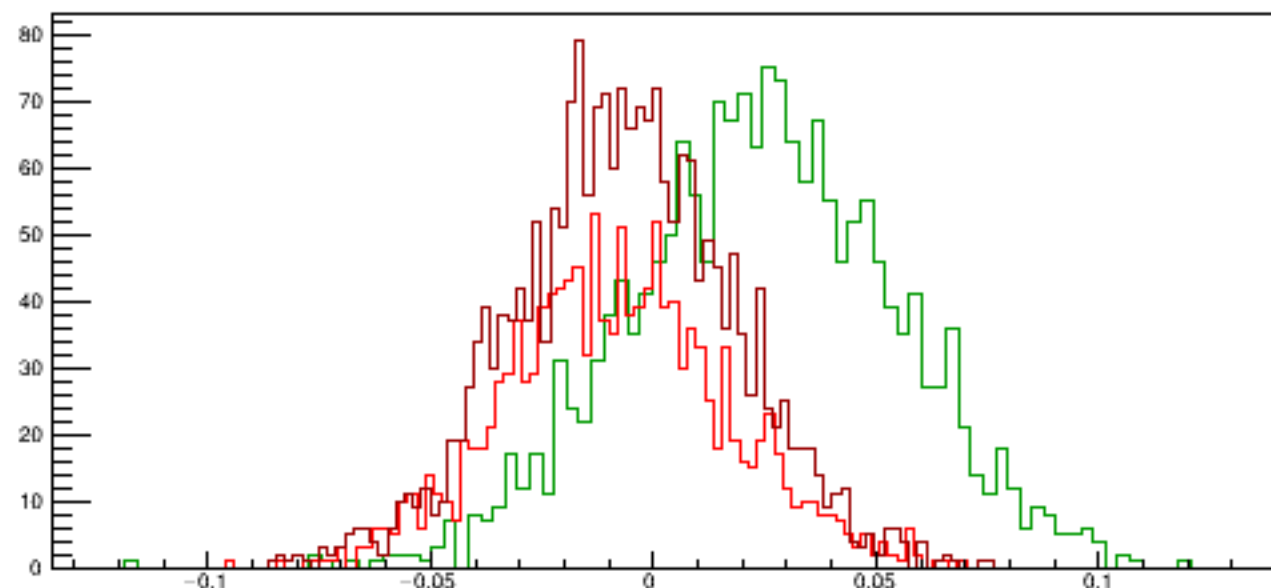
Std Dev: 0.0300 +/- 0.0005

Entries: 2134

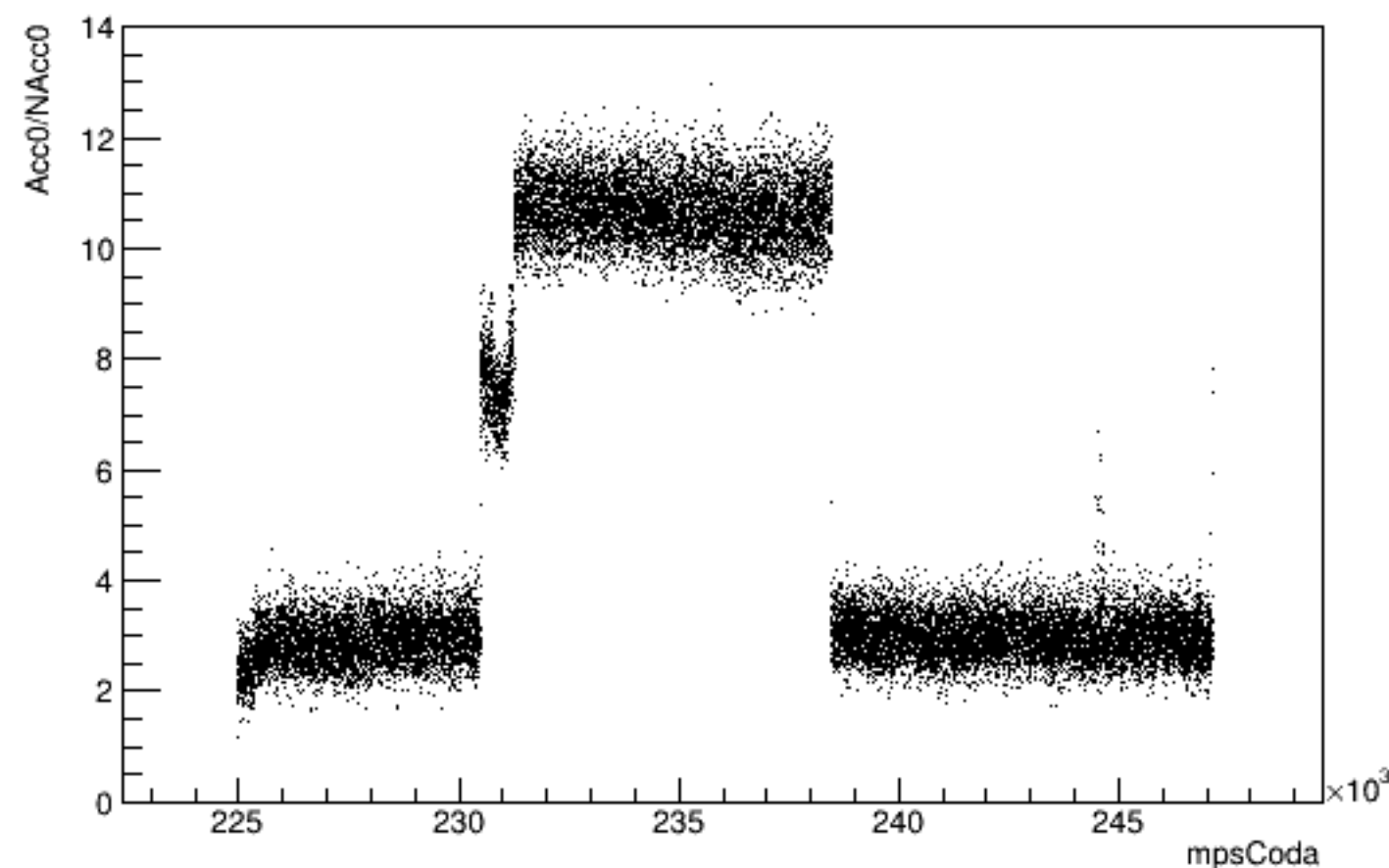
Mean: -0.0066 +/- 0.0005

Std Dev: 0.0247 +/- 0.0004

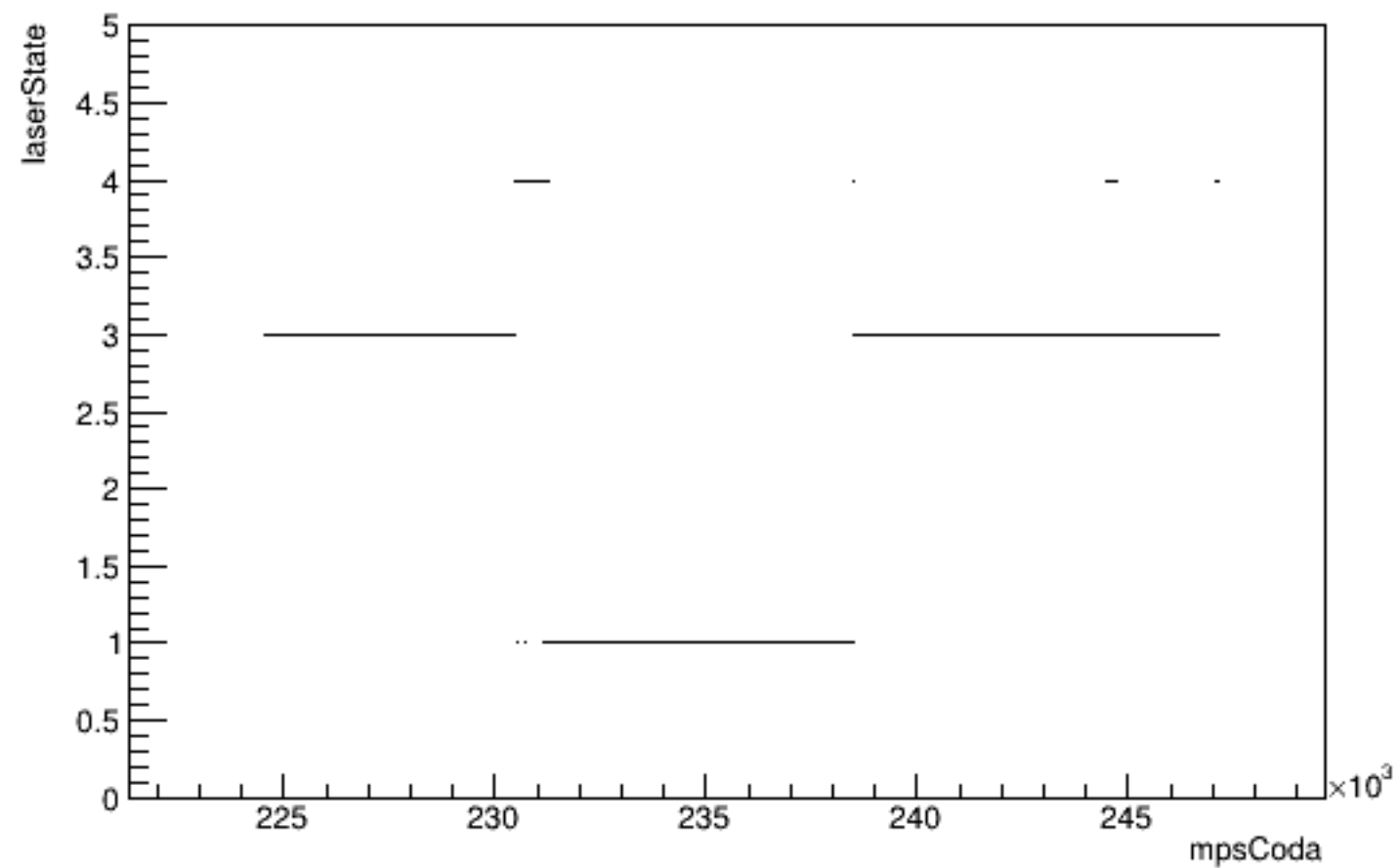
Run 6211 quartetwise, Asyms



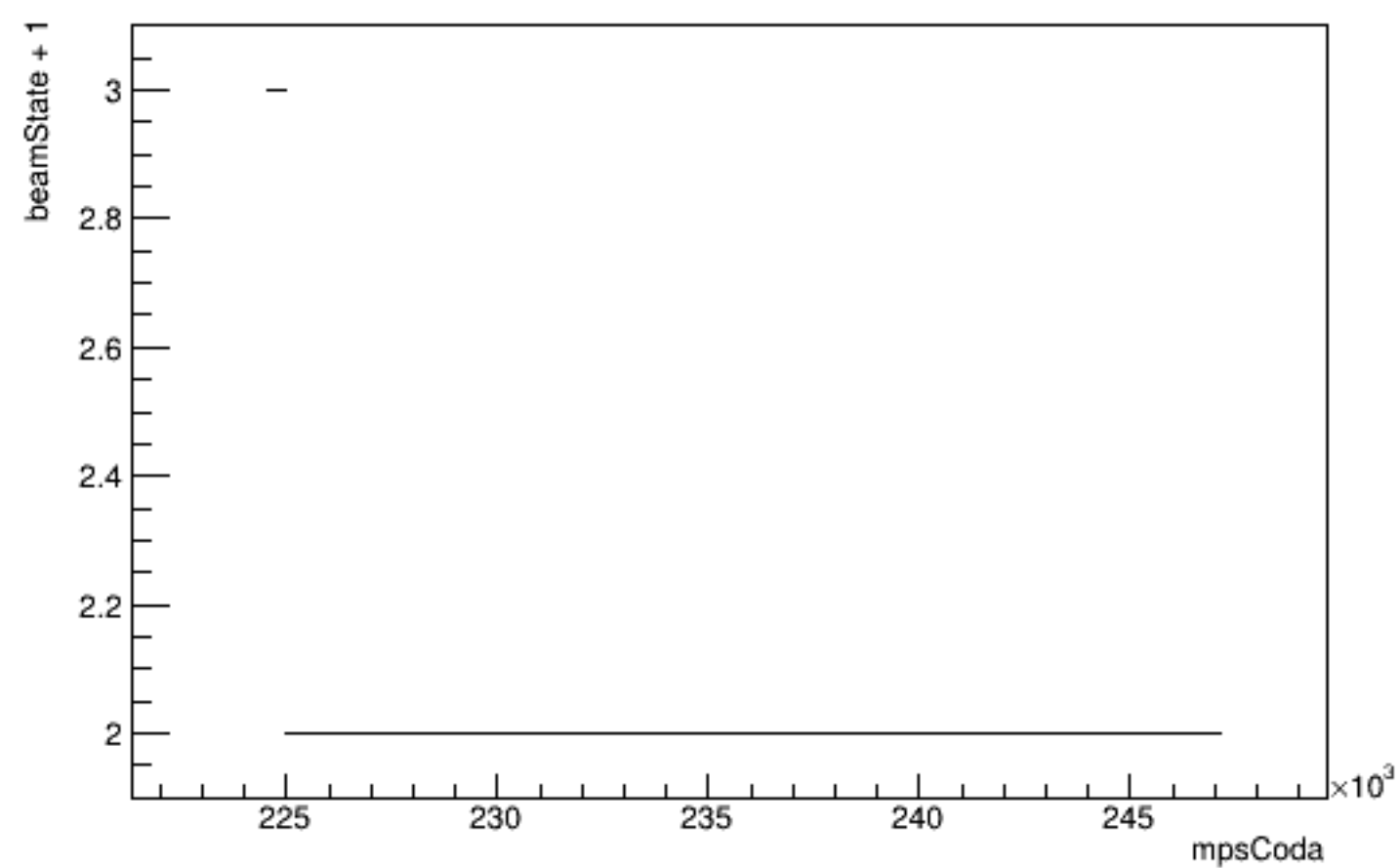
Acc0/NAcc0:mpsCoda (mpsCoda>=224539 && mpsCoda<=247130 && beamState==1)



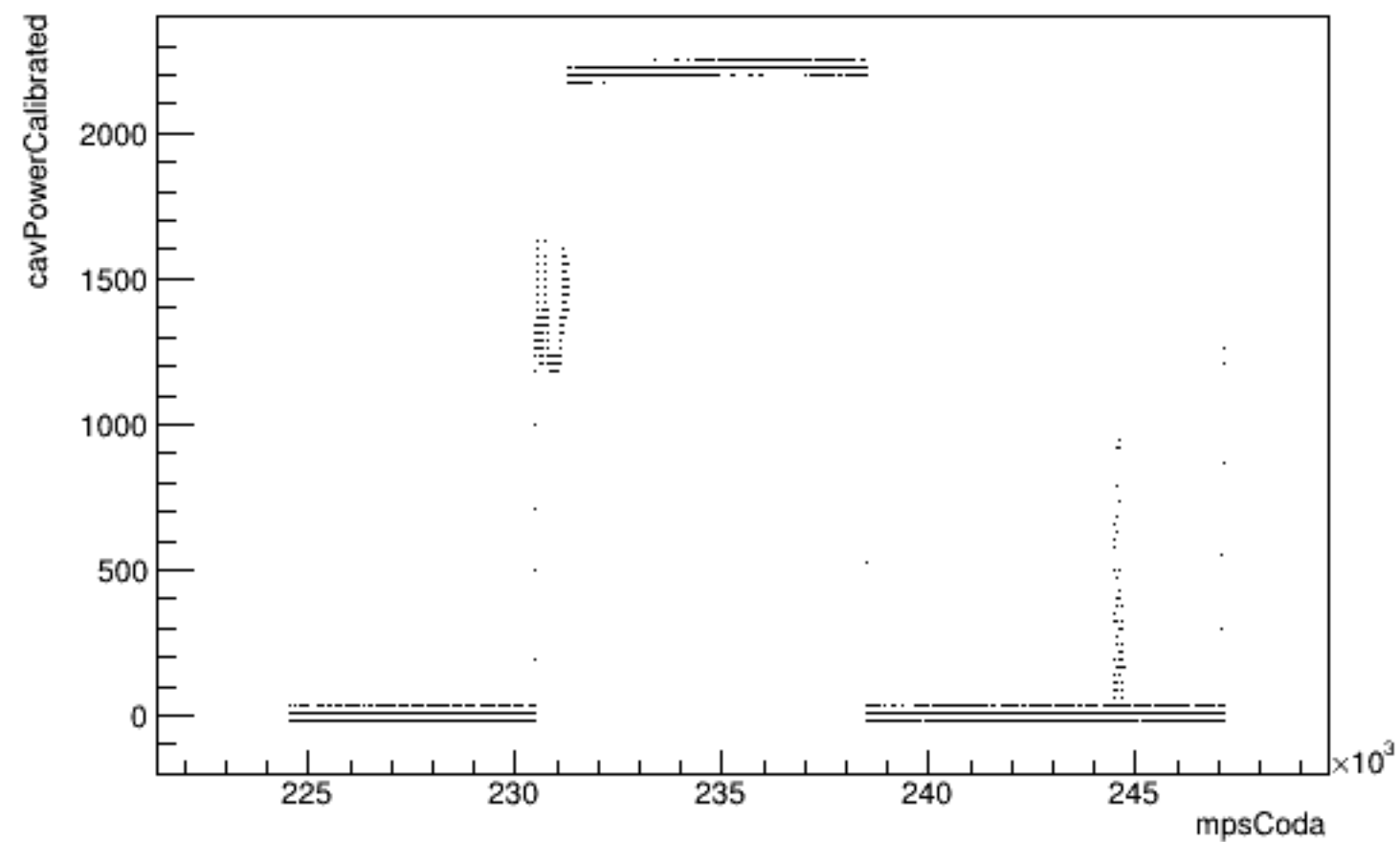
laserState:mpsCoda {mpsCoda>=224539 && mpsCoda<=247130}



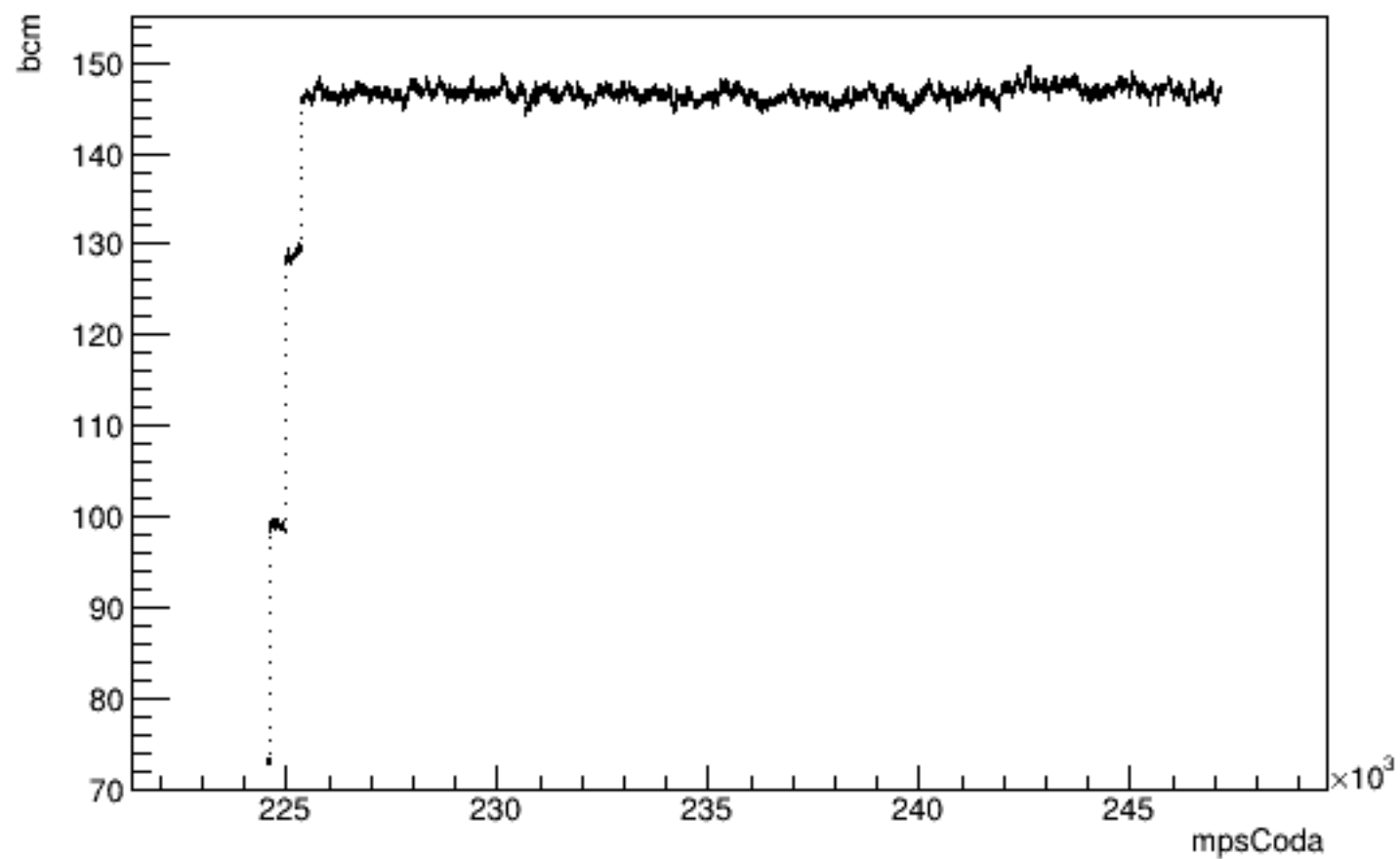
beamState + 1:mpsCoda {mpsCoda>=224539 && mpsCoda<=247130}



cavPowerCalibrated:mpsCoda {mpsCoda>=224539 && mpsCoda<=247130}



bcm:mpsCoda {mpsCoda>=224539 && mpsCoda<=247130}



Cycle 10, Diffs

Entries: 2134

Mean: -0.1013 +/- 0.0082

Std Dev: 0.3809 +/- 0.0058

Entries: 1807

Mean: 0.3658 +/- 0.0111

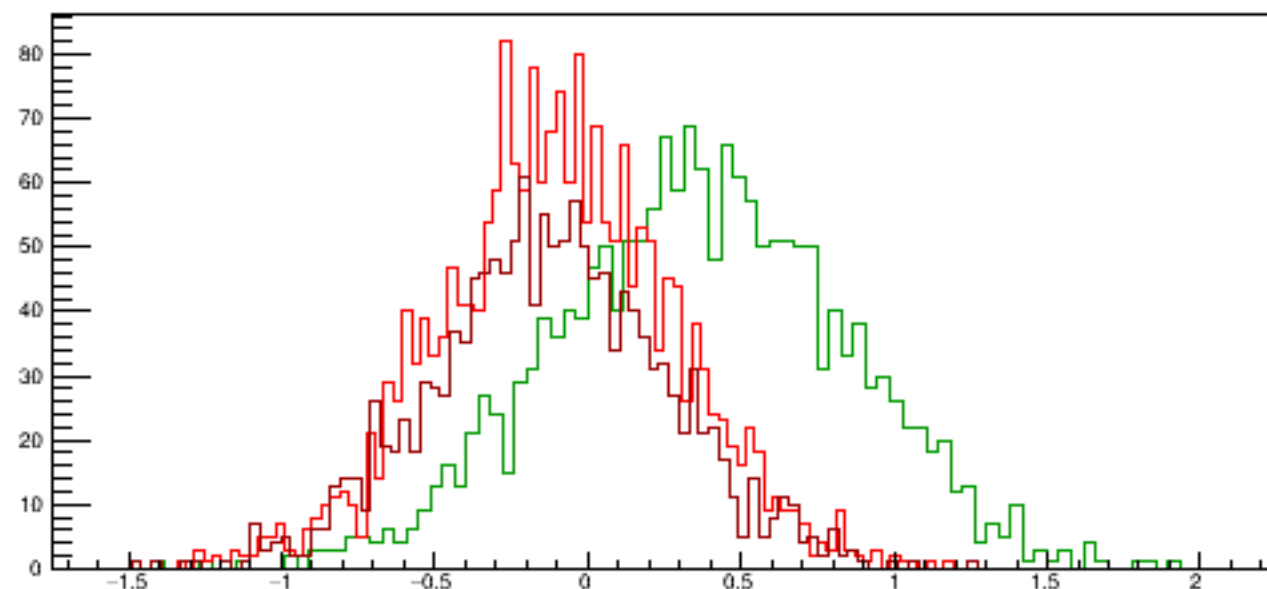
Std Dev: 0.4726 +/- 0.0079

Entries: 1488

Mean: -0.1237 +/- 0.0099

Std Dev: 0.3834 +/- 0.0070

Run 6211 quartetwise, Diffs



Cycle 10, Sums

Entries: 2134

Mean: 6.0012 +/- 0.0086

Std Dev: 0.3950 +/- 0.0060

Entries: 1807

Mean: 21.4935 +/- 0.0124

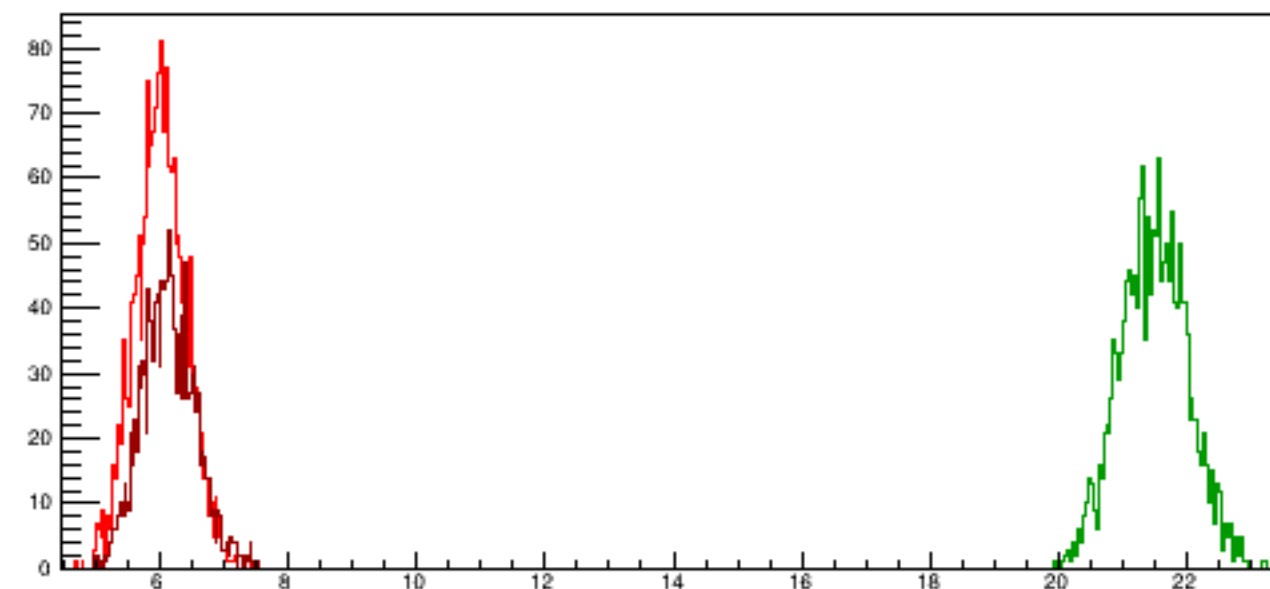
Std Dev: 0.5262 +/- 0.0088

Entries: 1488

Mean: 6.1277 +/- 0.0107

Std Dev: 0.4137 +/- 0.0076

Run 6211 quartetwise, Sums



Cycle 10, Asyms

Entries: 2134

Mean: -0.0066 +/- 0.0005

Std Dev: 0.0247 +/- 0.0004

Entries: 1807

Mean: 0.0237 +/- 0.0007

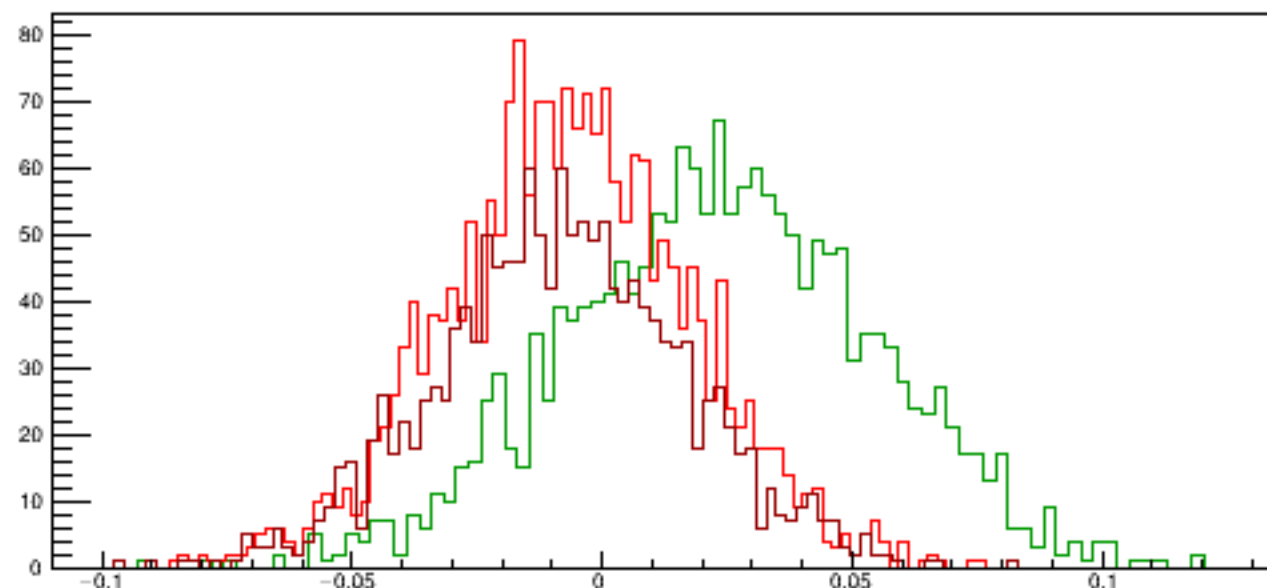
Std Dev: 0.0307 +/- 0.0005

Entries: 1488

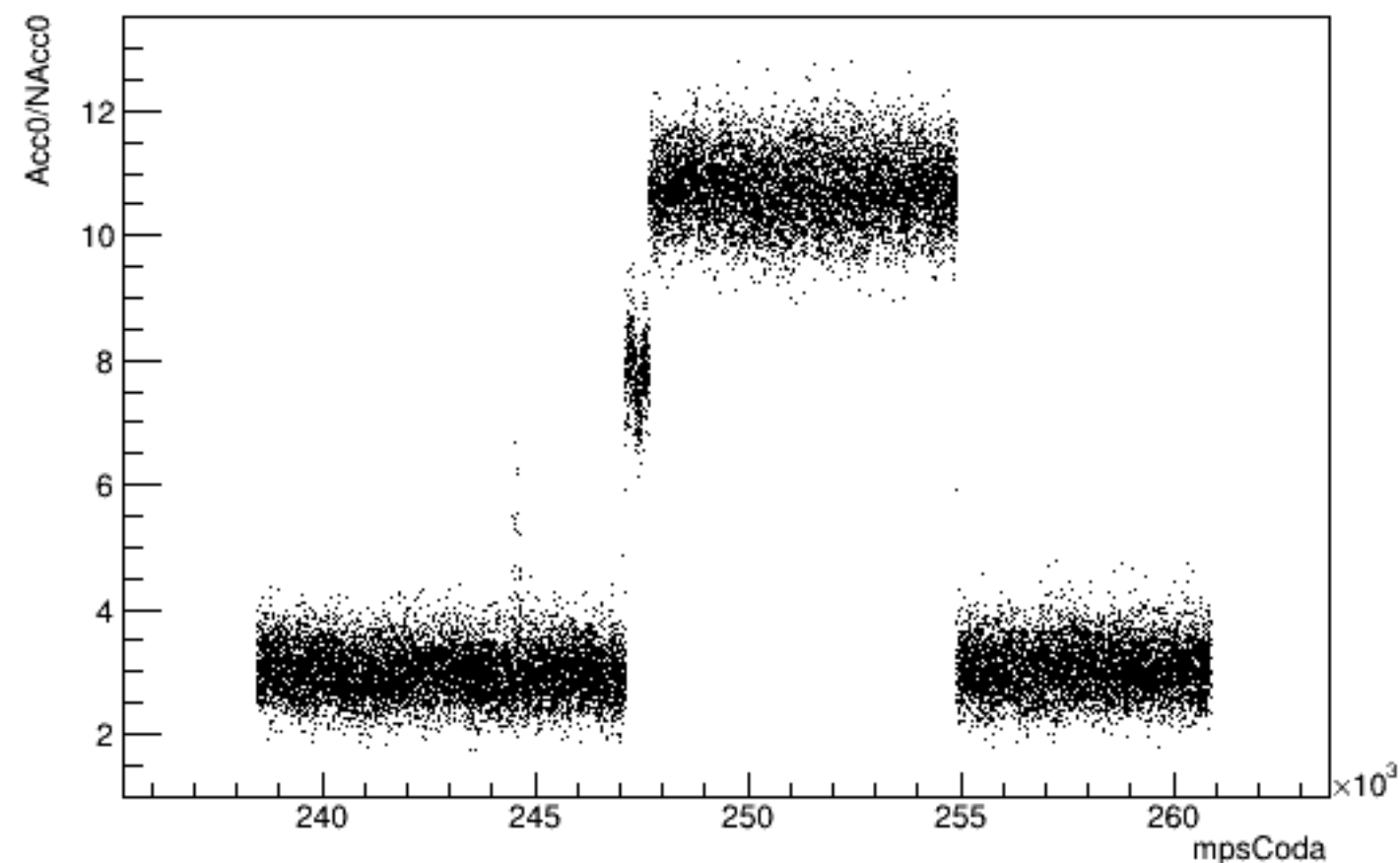
Mean: -0.0080 +/- 0.0006

Std Dev: 0.0248 +/- 0.0005

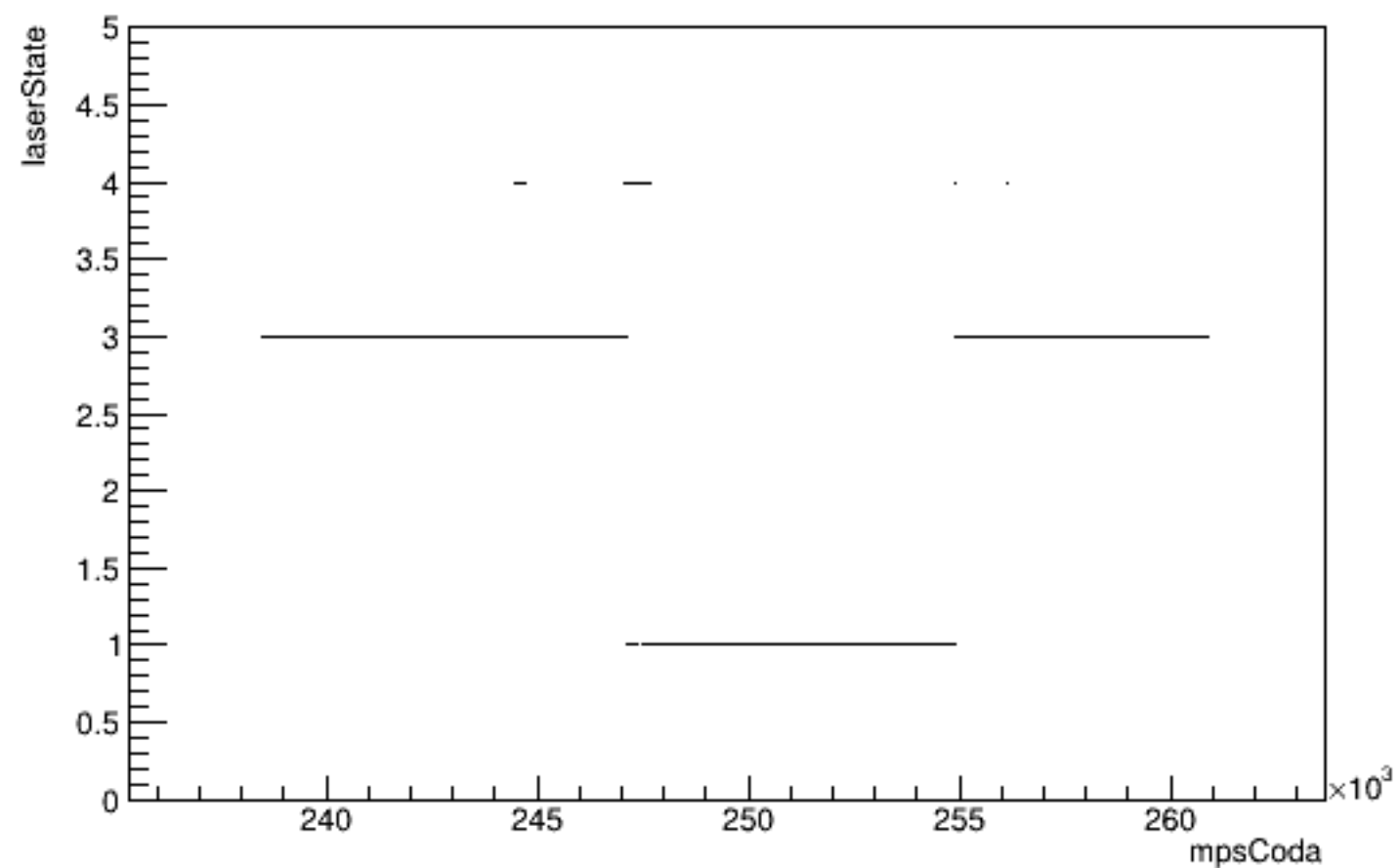
Run 6211 quartetwise, Asyms



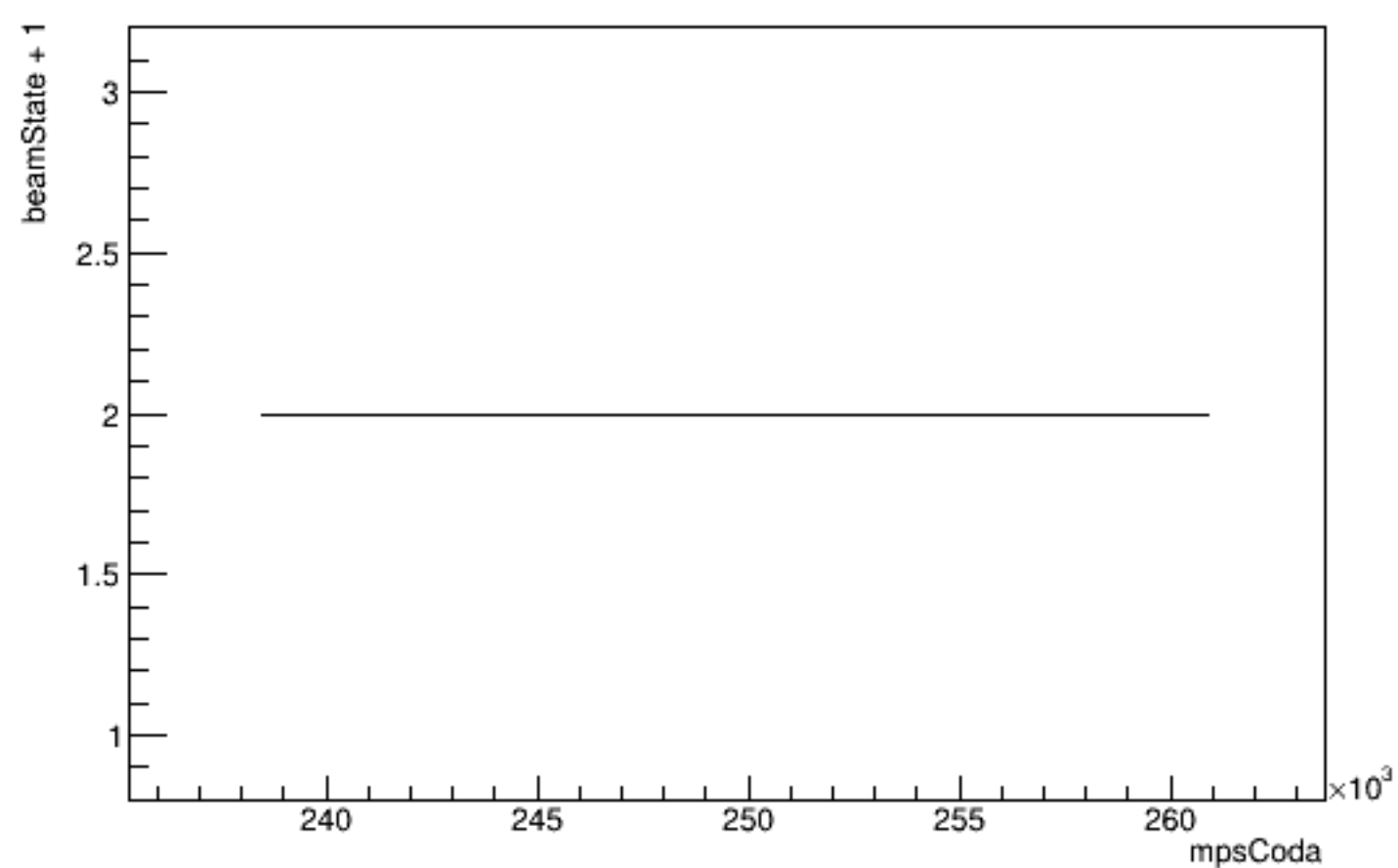
Acc0/NAcc0:mpsCoda (mpsCoda>=238479 && mpsCoda<=260870 && beamState==1)



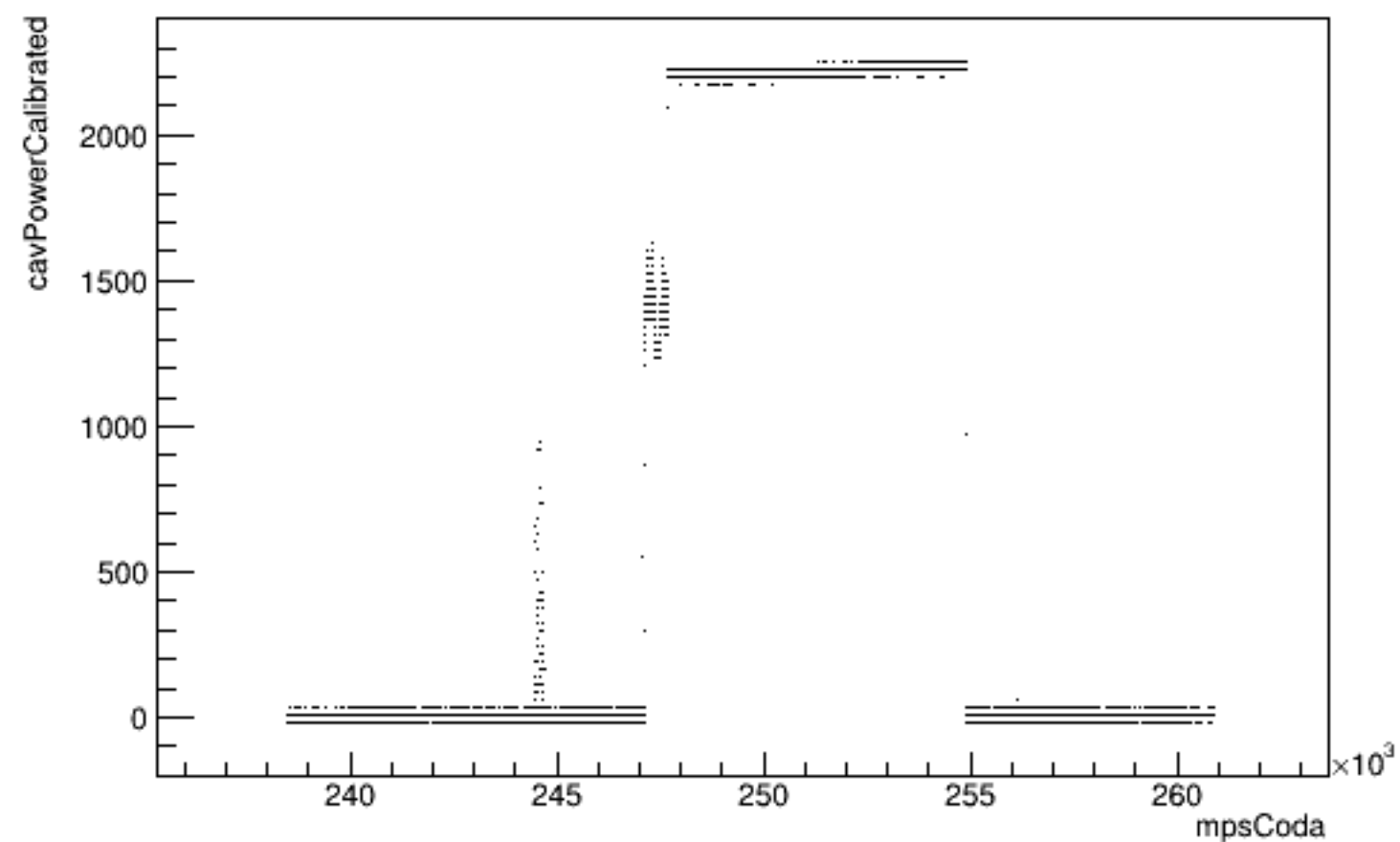
laserState:mpsCoda {mpsCoda>=238479 && mpsCoda<=260870}



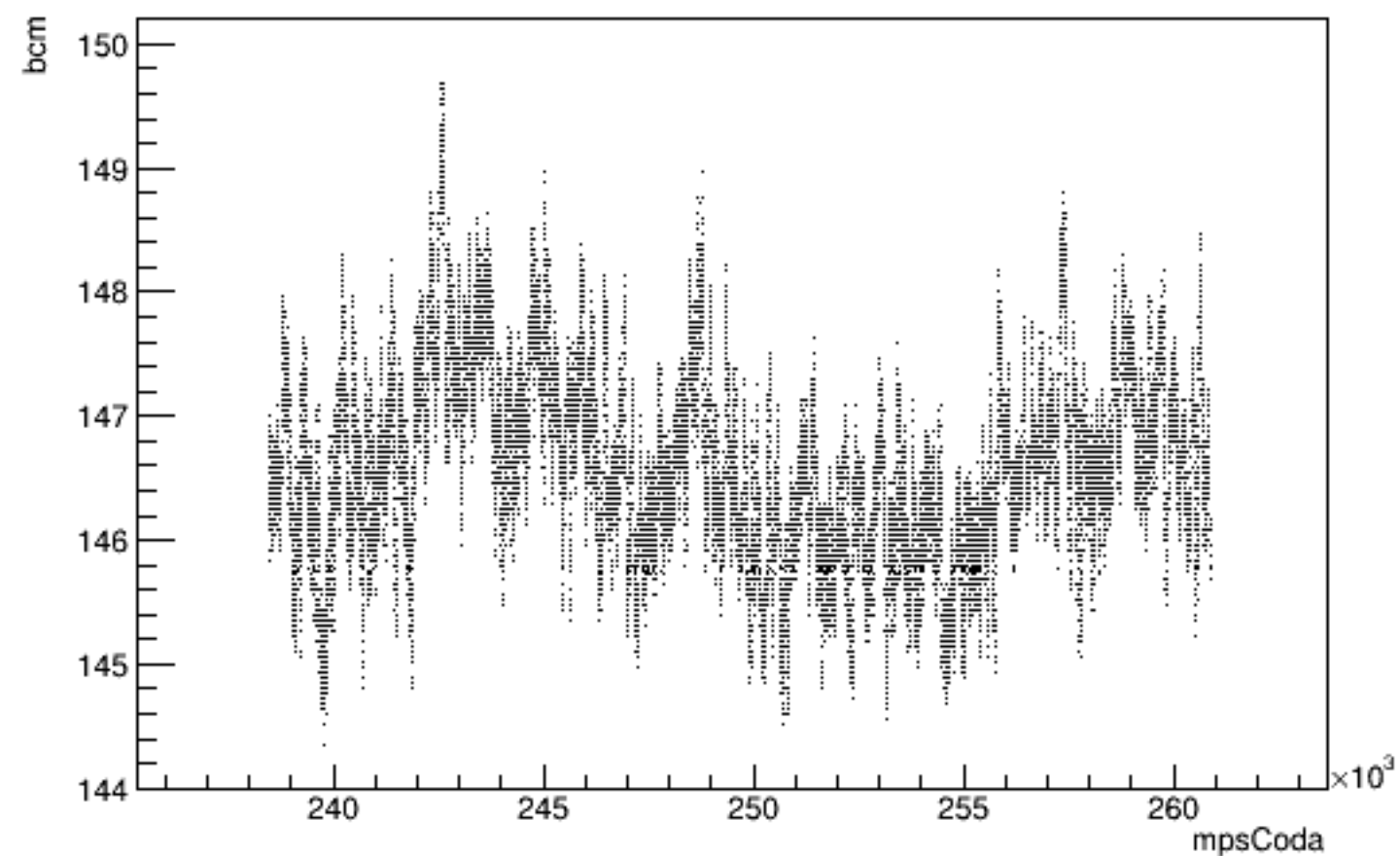
beamState + 1:mpsCoda {mpsCoda>=238479 && mpsCoda<=260870}



cavPowerCalibrated:mpsCoda {mpsCoda>=238479 && mpsCoda<=260870}



bcm:mpsCoda {mpsCoda>=238479 && mpsCoda<=260870}



Cycle 11, Diffs

Entries: 1488

Mean: -0.1237 +/- 0.0099

Std Dev: 0.3834 +/- 0.0070

Entries: 1840

Mean: 0.3651 +/- 0.0110

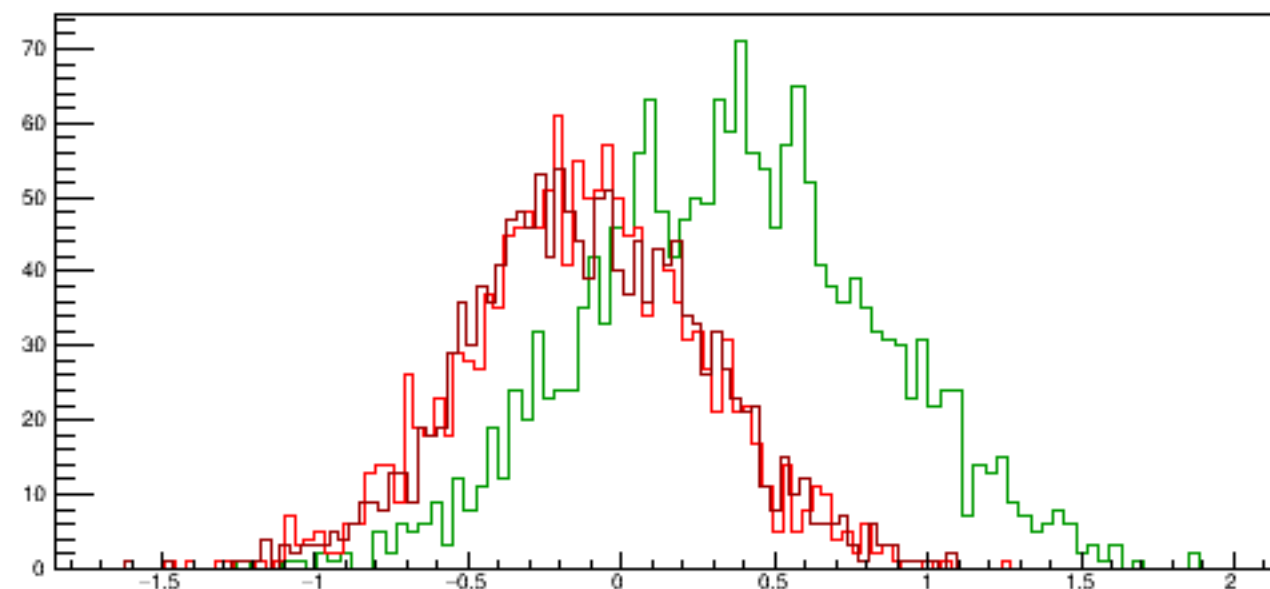
Std Dev: 0.4721 +/- 0.0078

Entries: 1493

Mean: -0.1102 +/- 0.0100

Std Dev: 0.3878 +/- 0.0071

Run 6211 quartetwise, Diffs



Cycle 11, Sums

Entries: 1488

Mean: 6.1277 +/- 0.0107

Std Dev: 0.4137 +/- 0.0076

Entries: 1840

Mean: 21.5852 +/- 0.0198

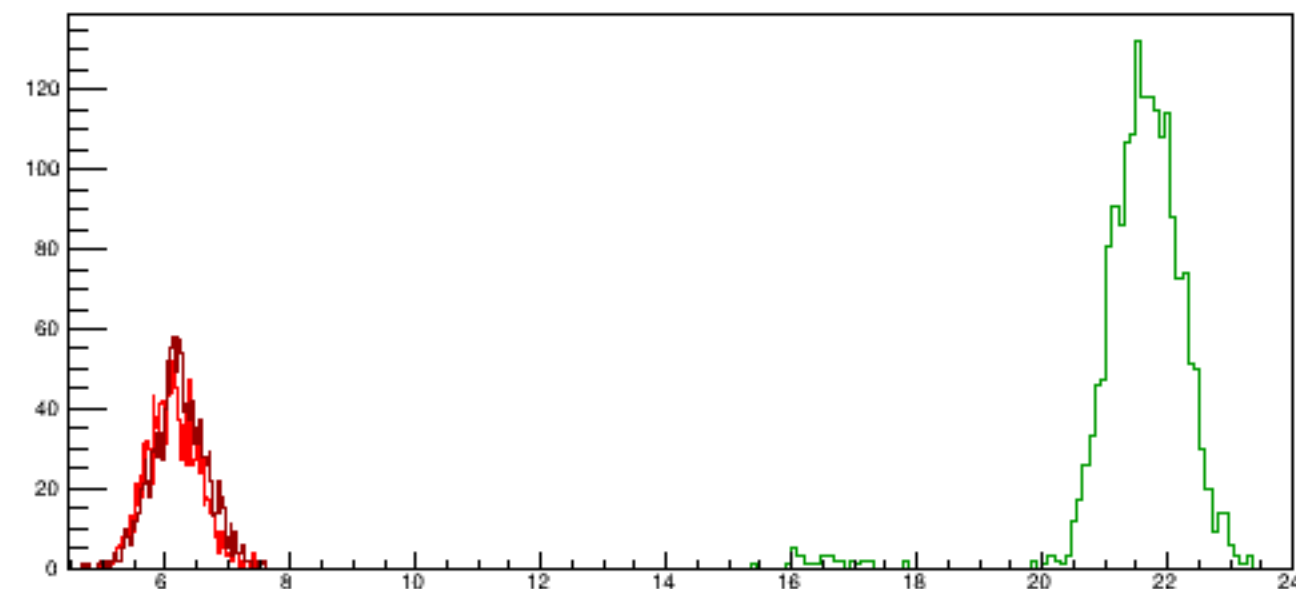
Std Dev: 0.8512 +/- 0.0140

Entries: 1493

Mean: 6.2327 +/- 0.0112

Std Dev: 0.4342 +/- 0.0079

Run 6211 quartetwise, Sums



Cycle 11, Asyms

Entries: 1488

Mean: -0.0080 +/- 0.0006

Std Dev: 0.0249 +/- 0.0005

Entries: 1840

Mean: 0.0238 +/- 0.0007

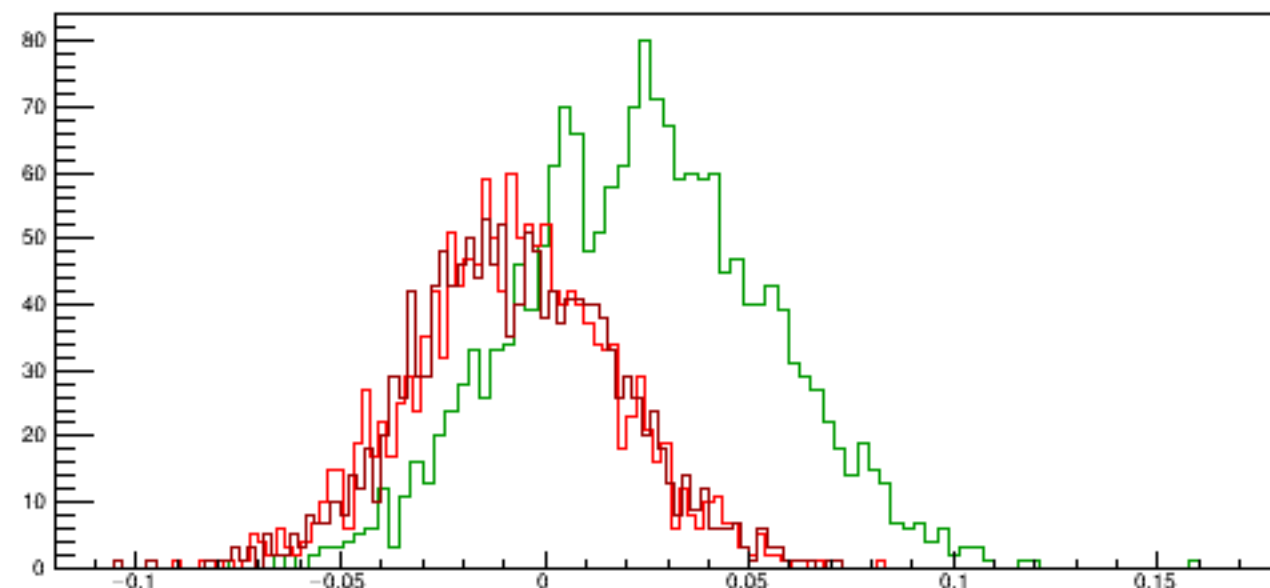
Std Dev: 0.0308 +/- 0.0005

Entries: 1493

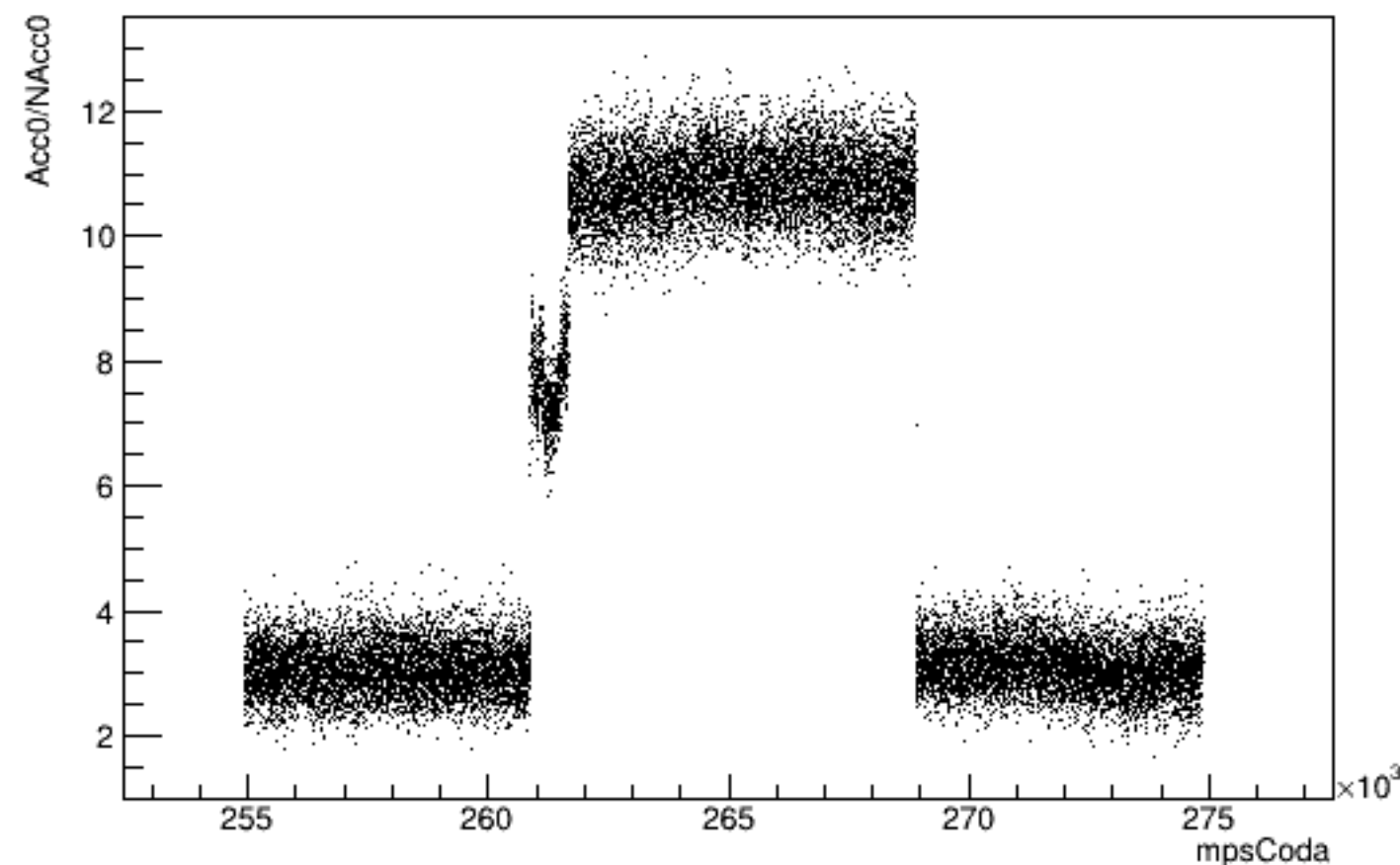
Mean: -0.0072 +/- 0.0007

Std Dev: 0.0252 +/- 0.0005

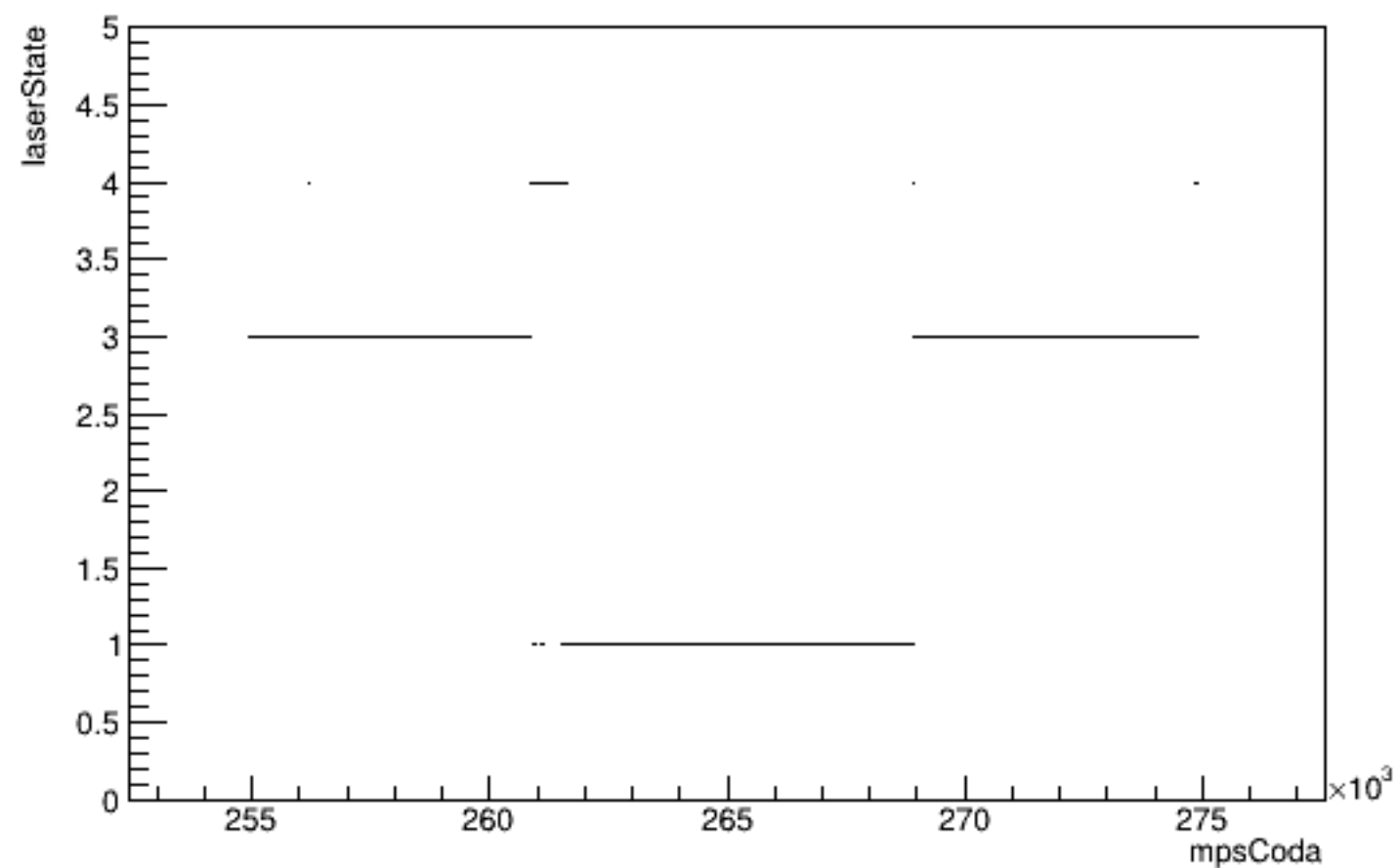
Run 6211 quartetwise, Asyms



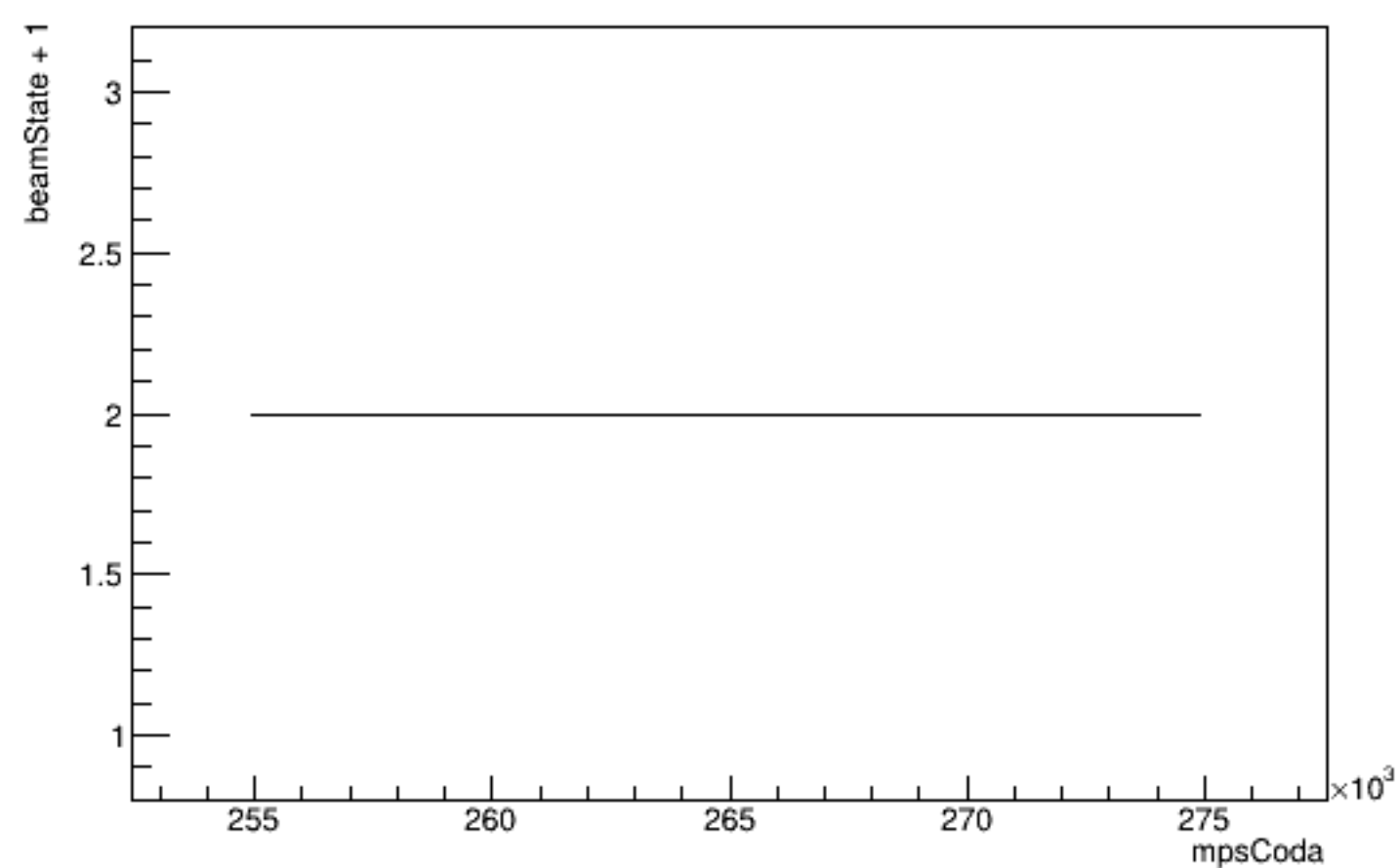
Acc0/NAcc0:mpsCoda (mpsCoda>=254915 && mpsCoda<=274882 && beamState==1)



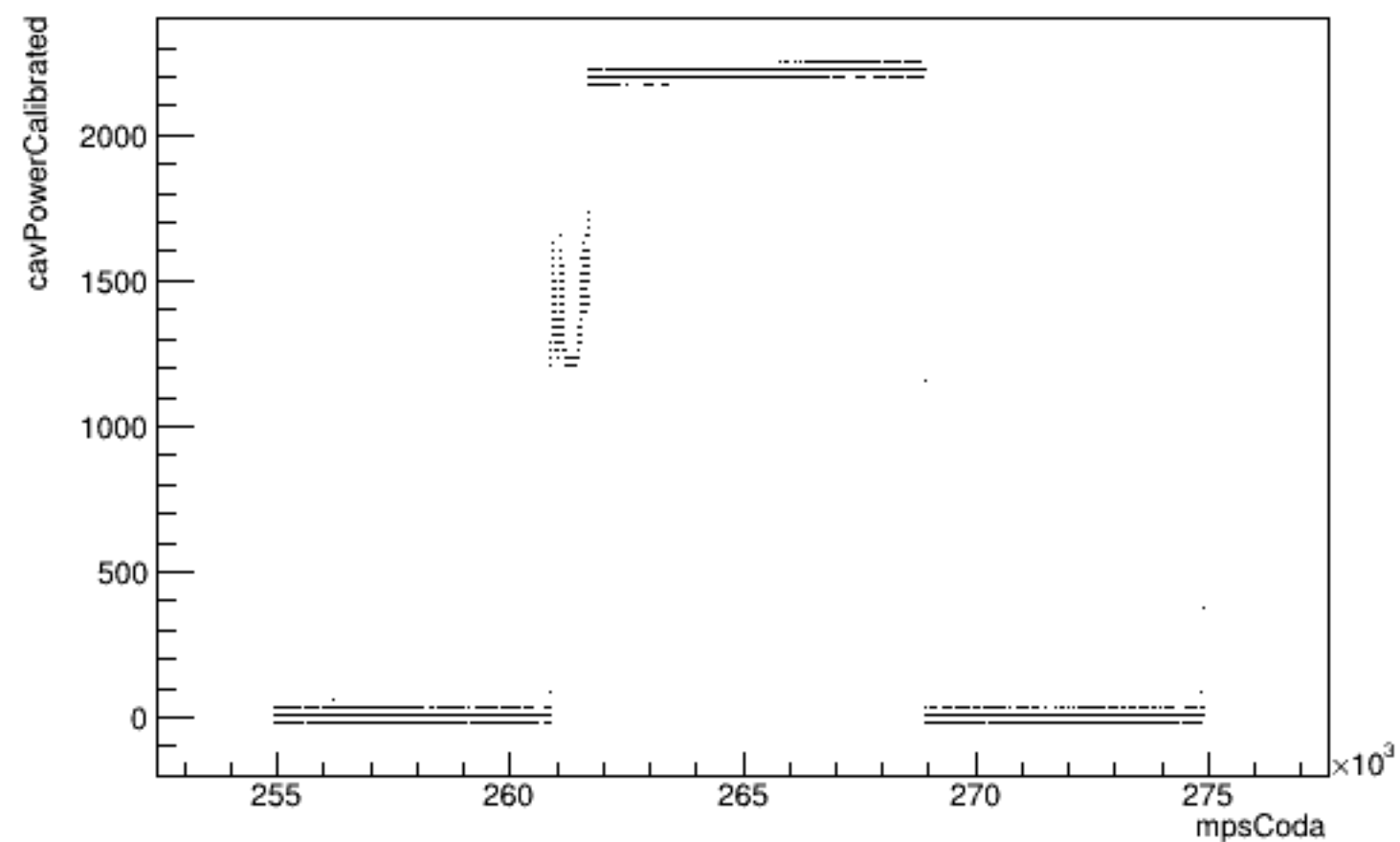
laserState:mpsCoda {mpsCoda>=254915 && mpsCoda<=274882}



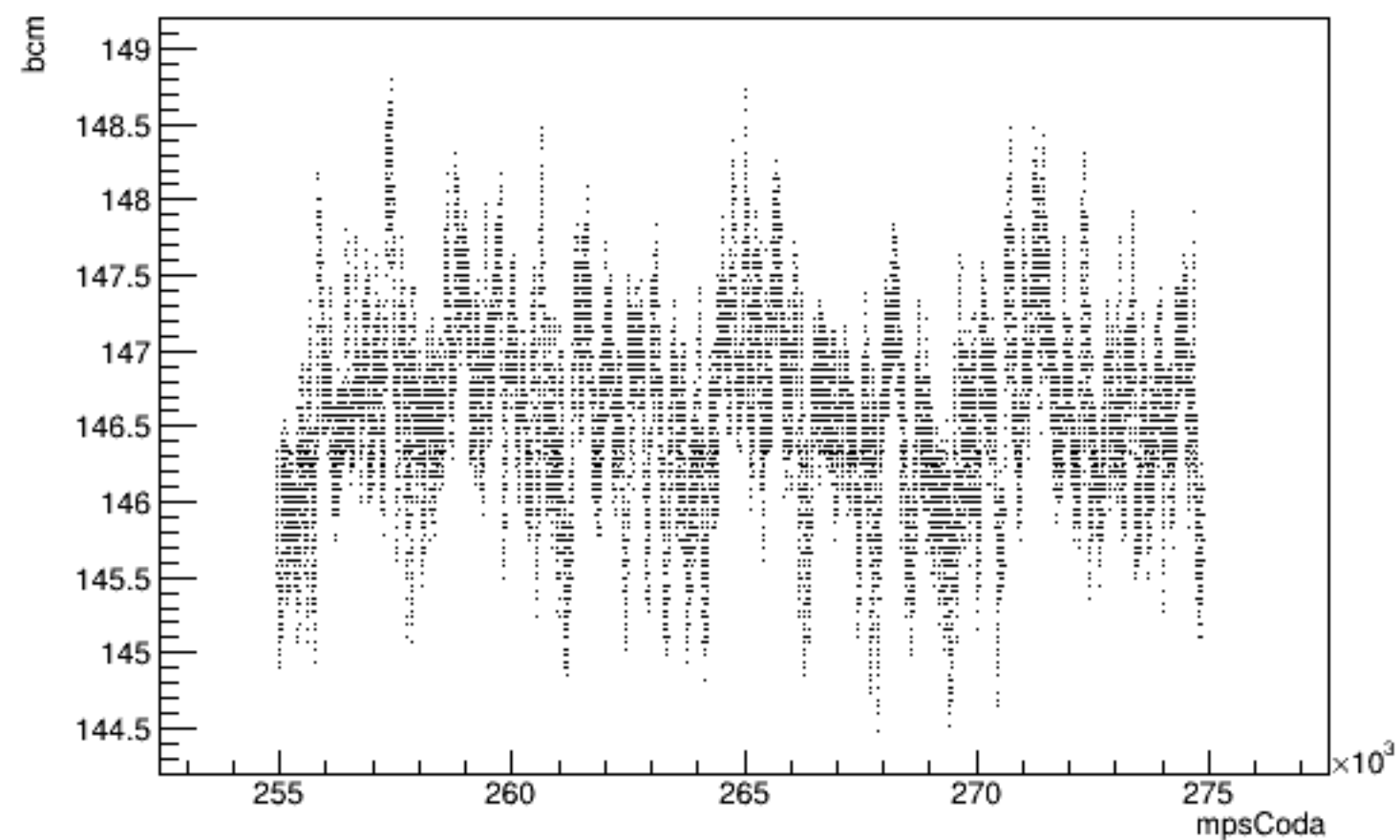
beamState + 1:mpsCoda {mpsCoda>=254915 && mpsCoda<=274882}



cavPowerCalibrated:mpsCoda {mpsCoda>=254915 && mpsCoda<=274882}



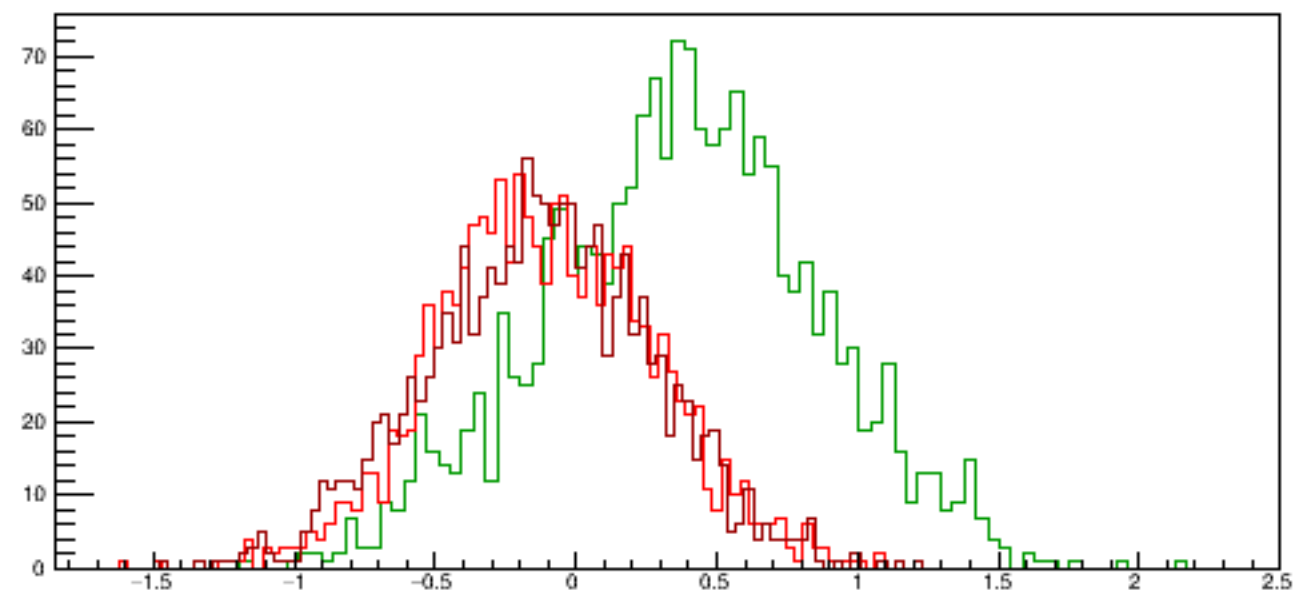
bcm:mpsCoda {mpsCoda>=254915 && mpsCoda<=274882}



Cycle 12, Diffs

Entries: 1493	Entries: 1805	Entries: 1500
Mean: -0.1102 +/- 0.0100	Mean: 0.3706 +/- 0.0115	Mean: -0.1265 +/- 0.0103
Std Dev: 0.3878 +/- 0.0071	Std Dev: 0.4881 +/- 0.0081	Std Dev: 0.3984 +/- 0.0073

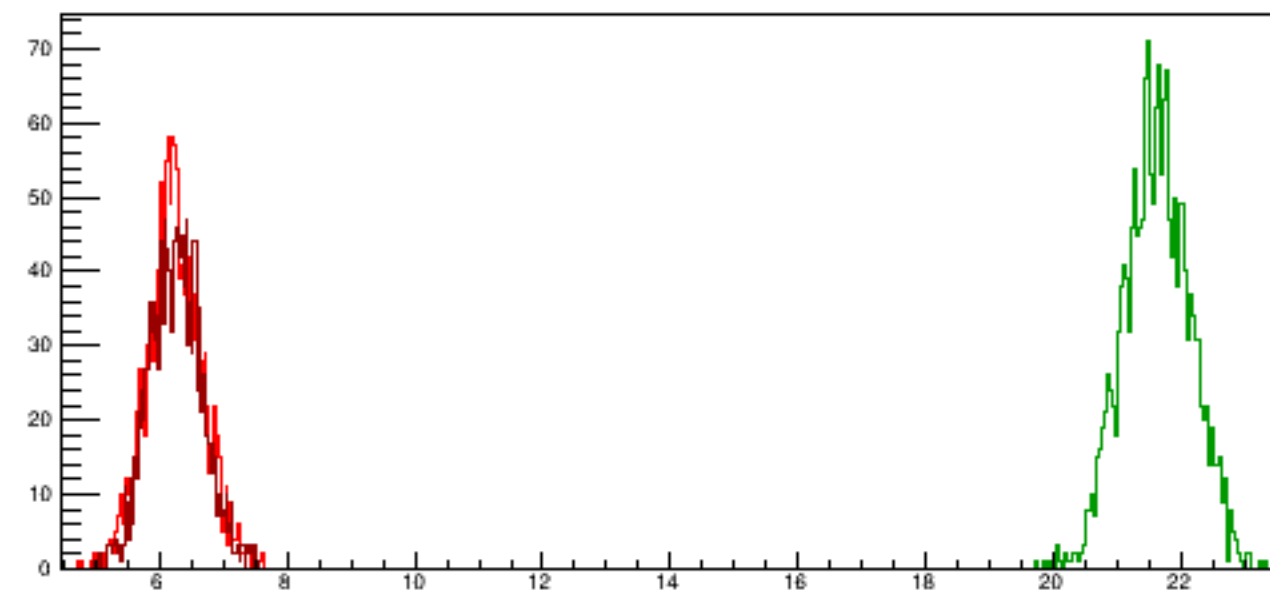
Run 6211 quartetwise, Diffs



Cycle 12, Sums

Entries: 1493	Entries: 1805	Entries: 1500
Mean: 6.2327 +/- 0.0112	Mean: 21.6269 +/- 0.0123	Mean: 6.2491 +/- 0.0107
Std Dev: 0.4342 +/- 0.0079	Std Dev: 0.5222 +/- 0.0087	Std Dev: 0.4131 +/- 0.0075

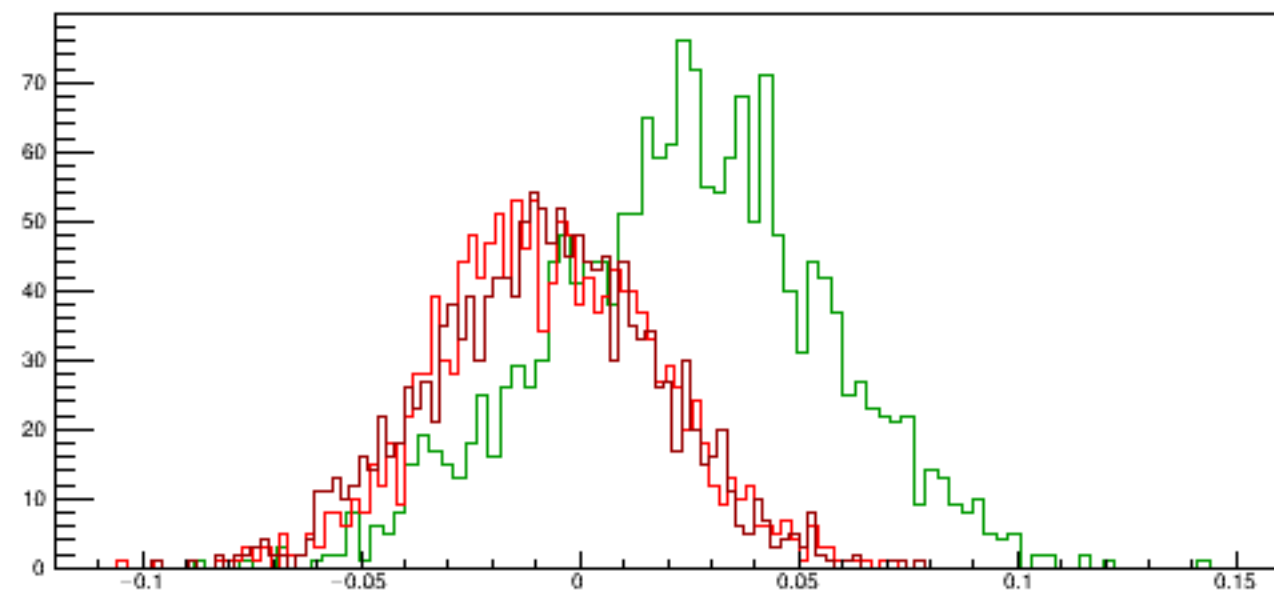
Run 6211 quartetwise, Sums



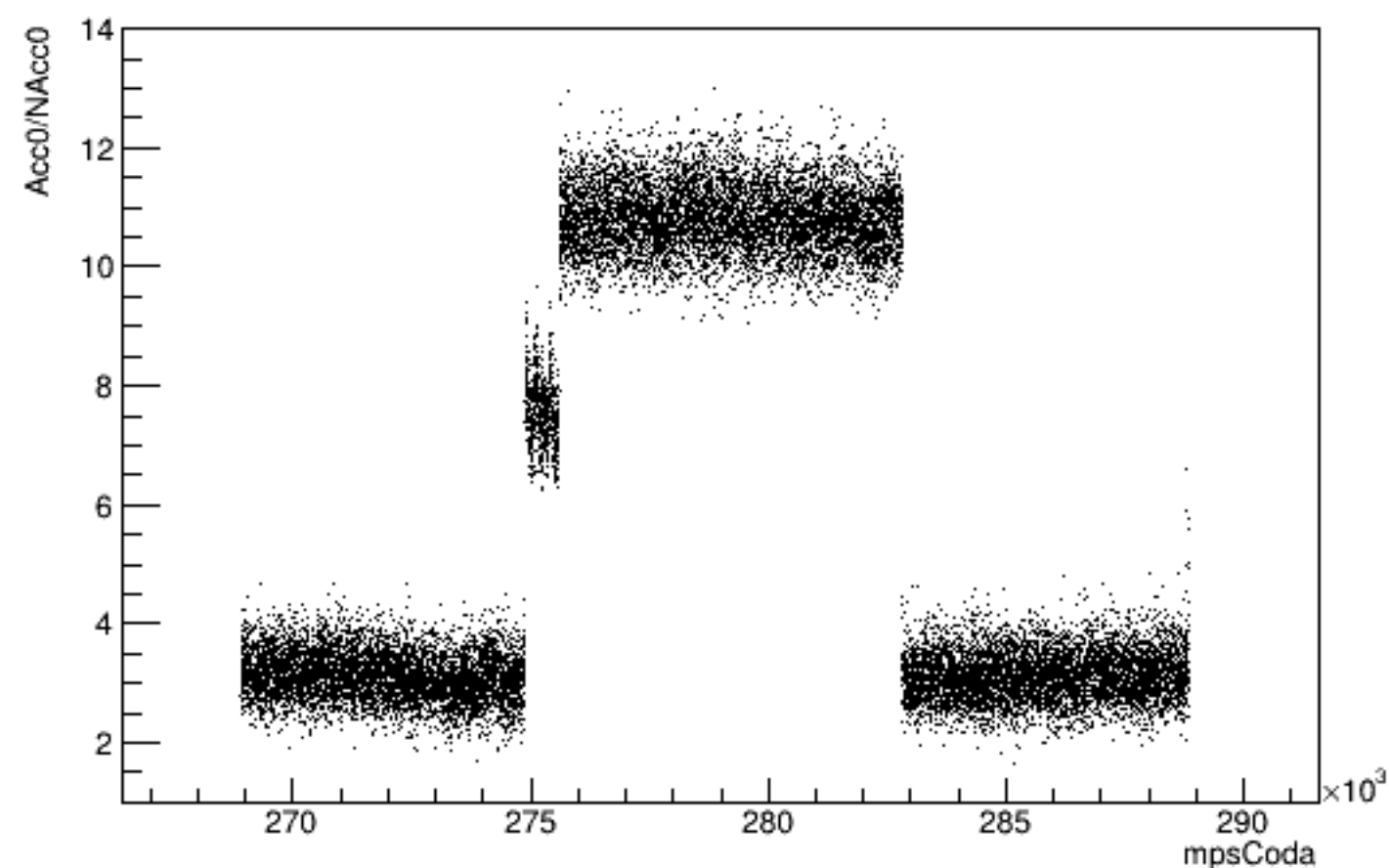
Cycle 12, Asyms

Entries: 1493	Entries: 1805	Entries: 1500
Mean: -0.0072 +/- 0.0007	Mean: 0.0241 +/- 0.0007	Mean: -0.0082 +/- 0.0007
Std Dev: 0.0252 +/- 0.0005	Std Dev: 0.0318 +/- 0.0005	Std Dev: 0.0259 +/- 0.0005

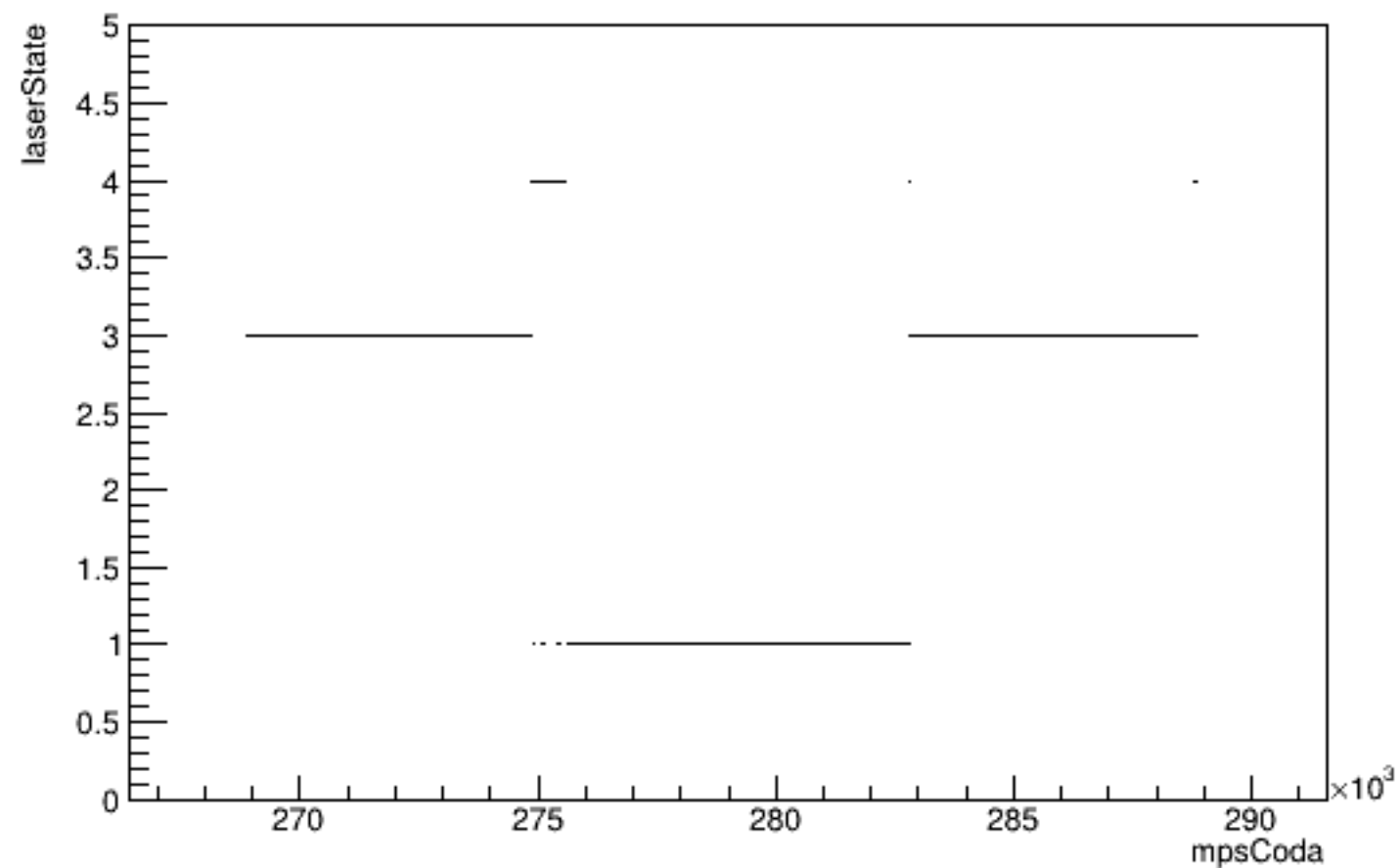
Run 6211 quartetwise, Asyms



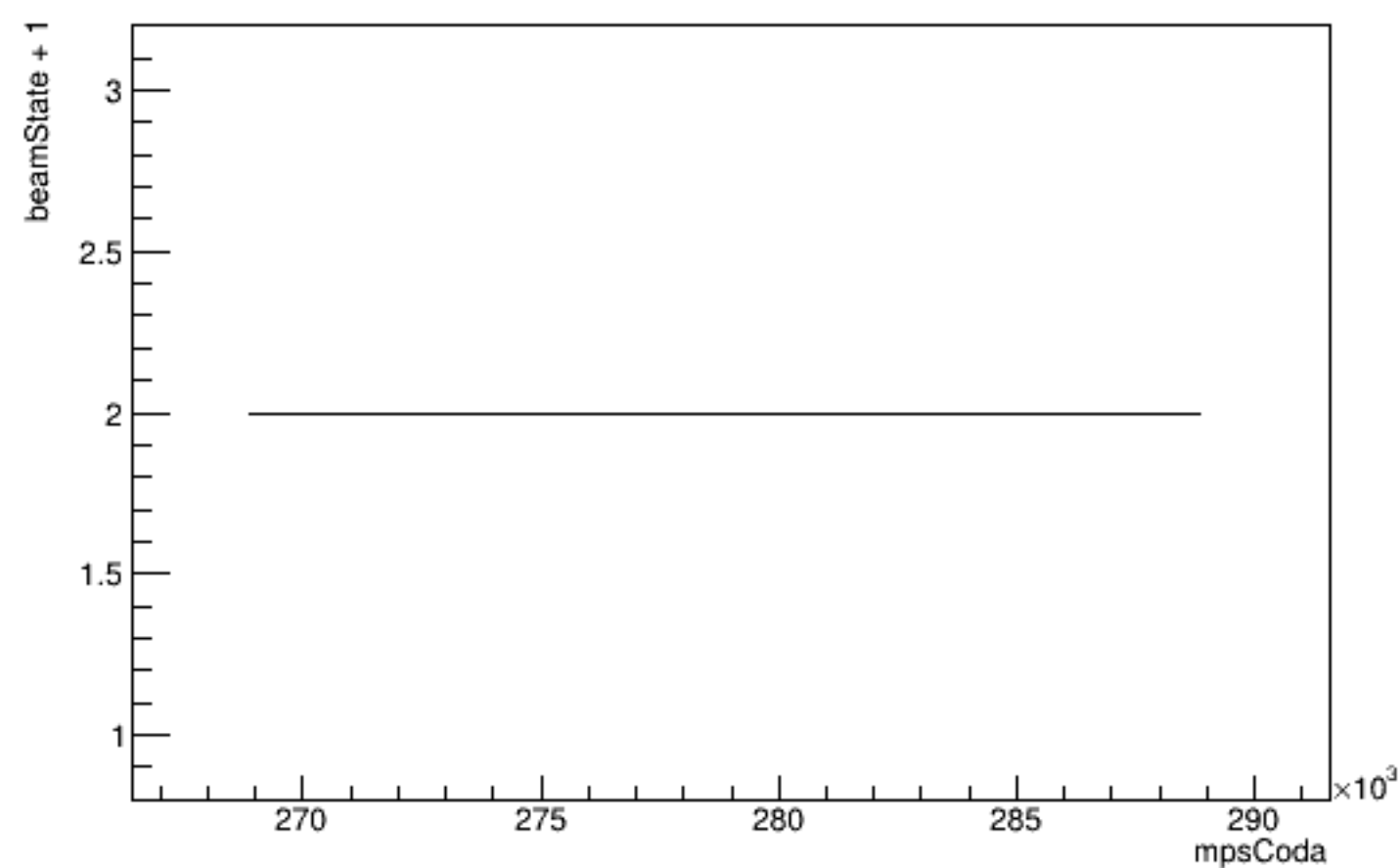
Acc0/NAcc0:mpsCoda (mpsCoda>=268903 && mpsCoda<=288850 && beamState==1)



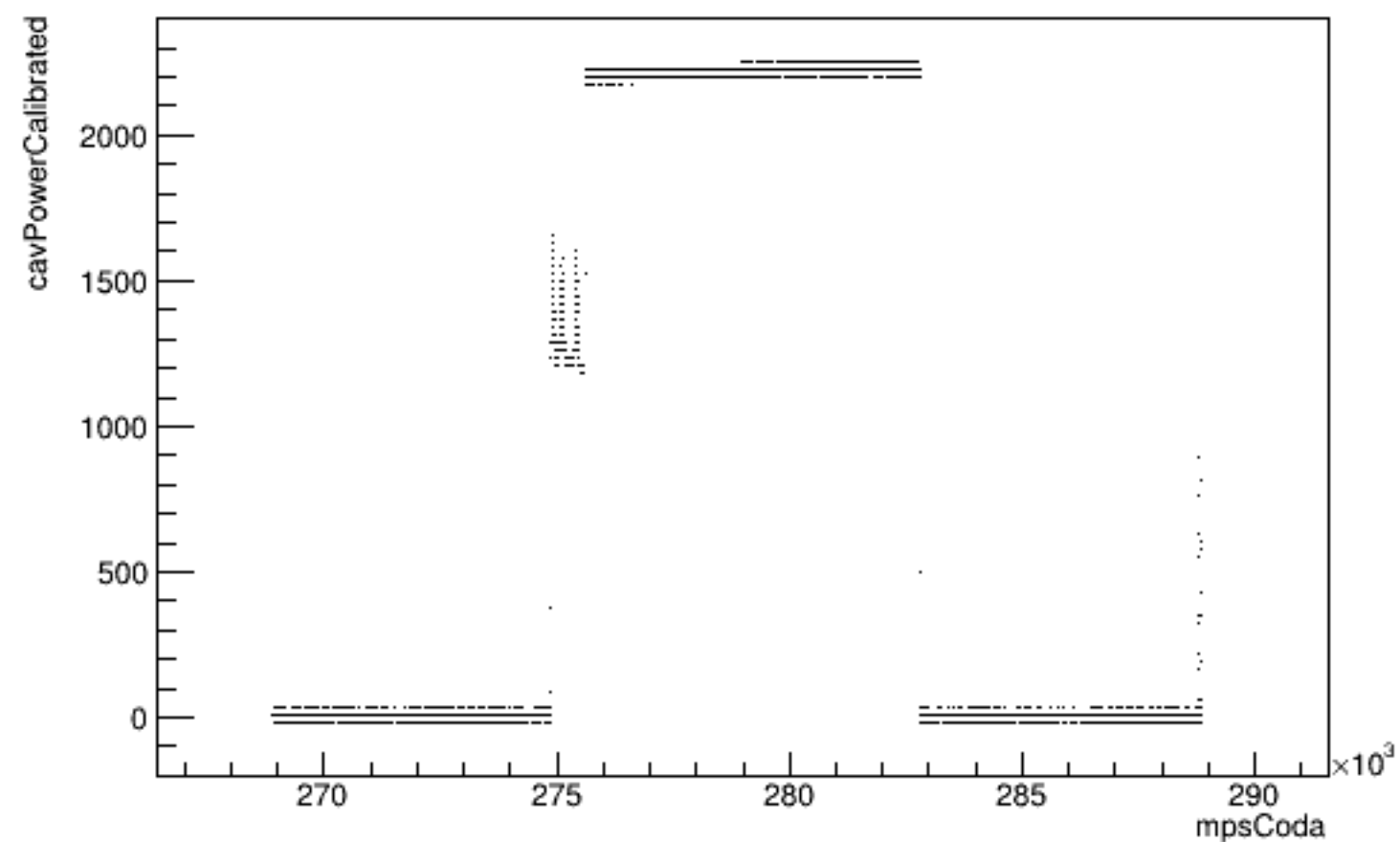
laserState:mpsCoda {mpsCoda>=268903 && mpsCoda<=288850}



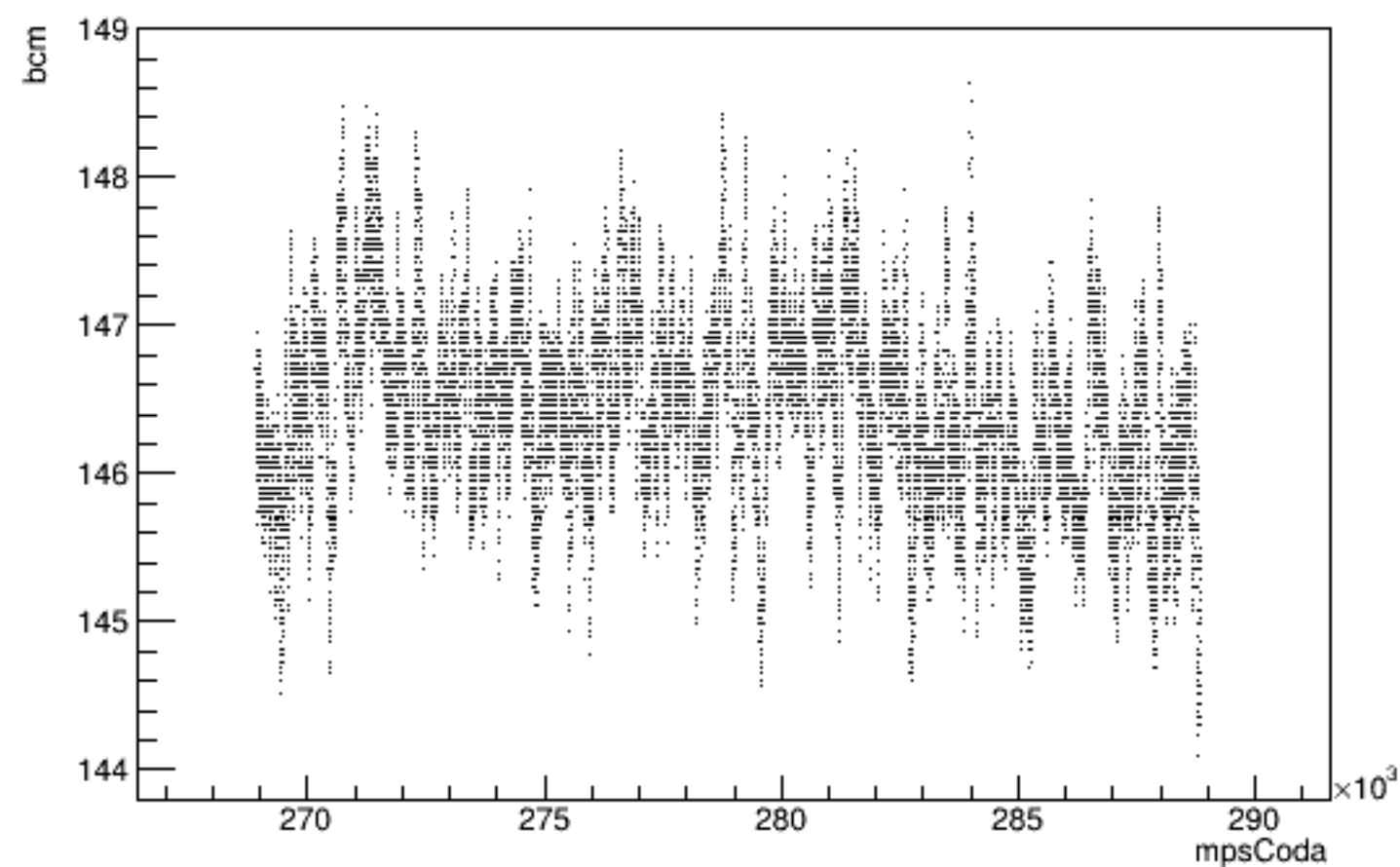
beamState + 1:mpsCoda {mpsCoda>=268903 && mpsCoda<=288850}



cavPowerCalibrated:mpsCoda {mpsCoda>=268903 && mpsCoda<=288850}



bcm:mpsCoda {mpsCoda>=268903 && mpsCoda<=288850}



Cycle 13, Diffs

Entries: 1495

Mean: -0.1128 +/- 0.0096

Std Dev: 0.3712 +/- 0.0068

Entries: 999

Mean: 0.3993 +/- 0.0145

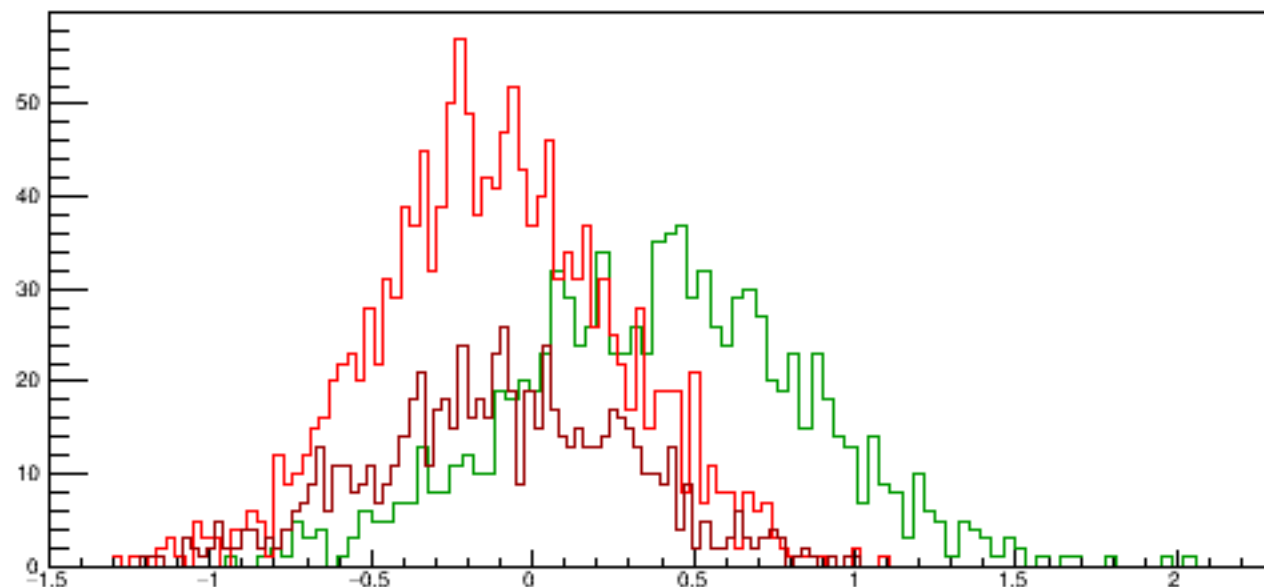
Std Dev: 0.4574 +/- 0.0102

Entries: 737

Mean: -0.1029 +/- 0.0148

Std Dev: 0.4016 +/- 0.0105

Run 6211 quartetwise, Diffs



Cycle 13, Sums

Entries: 1495

Mean: 6.0327 +/- 0.0109

Std Dev: 0.4222 +/- 0.0077

Entries: 999

Mean: 21.0010 +/- 0.0276

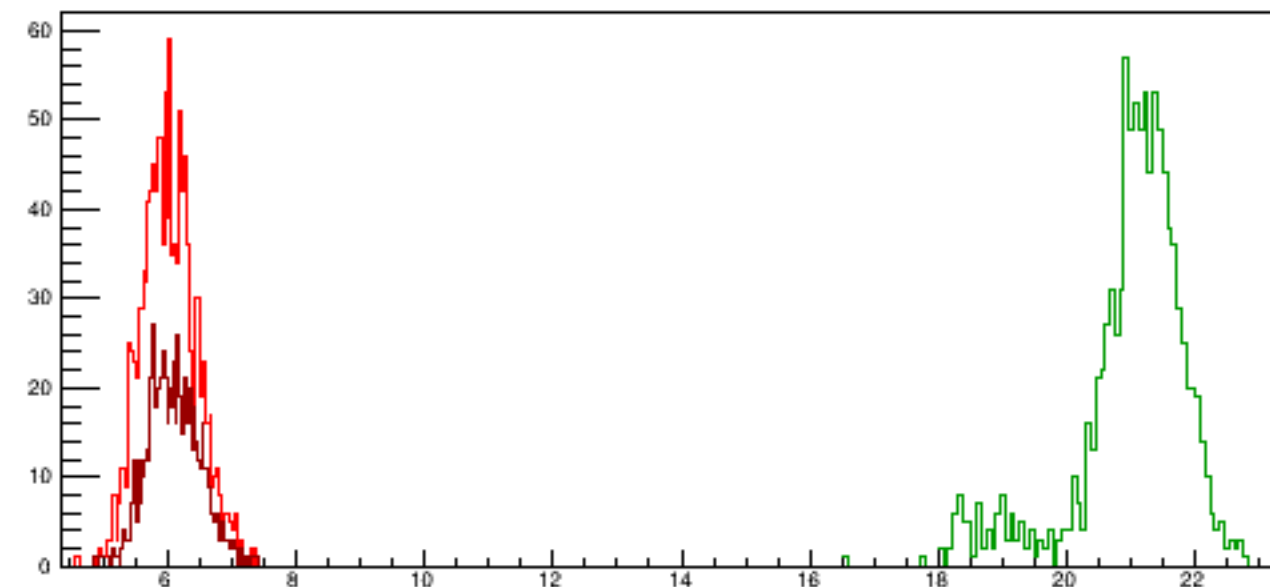
Std Dev: 0.8709 +/- 0.0195

Entries: 737

Mean: 6.1053 +/- 0.0150

Std Dev: 0.4083 +/- 0.0106

Run 6211 quartetwise, Sums



Cycle 13, Asyms

Entries: 1495

Mean: -0.0076 +/- 0.0006

Std Dev: 0.0249 +/- 0.0005

Entries: 999

Mean: 0.0268 +/- 0.0010

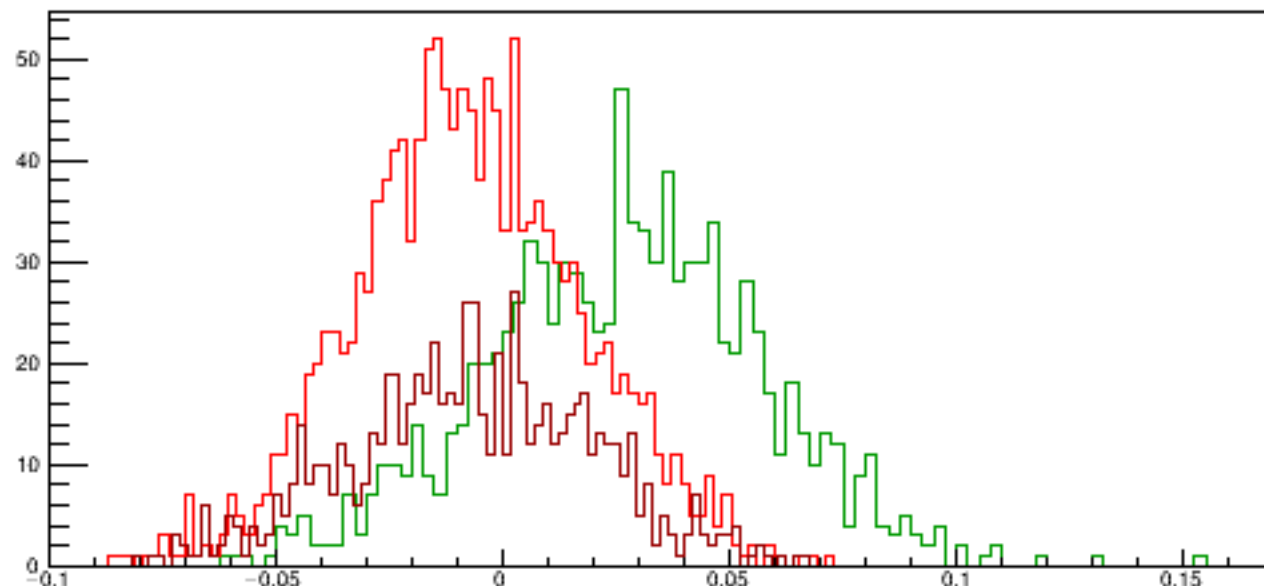
Std Dev: 0.0306 +/- 0.0007

Entries: 737

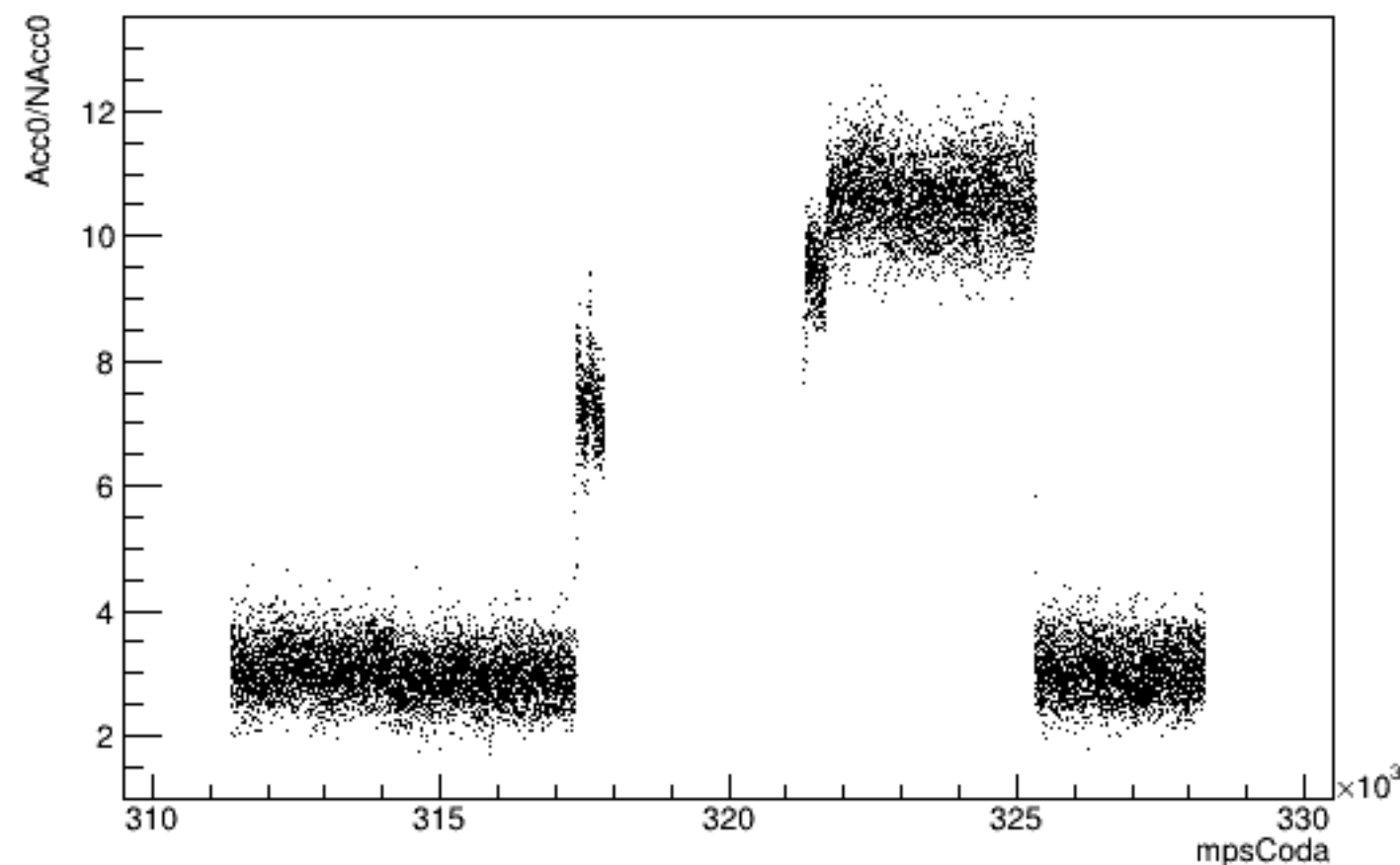
Mean: -0.0069 +/- 0.0010

Std Dev: 0.0269 +/- 0.0007

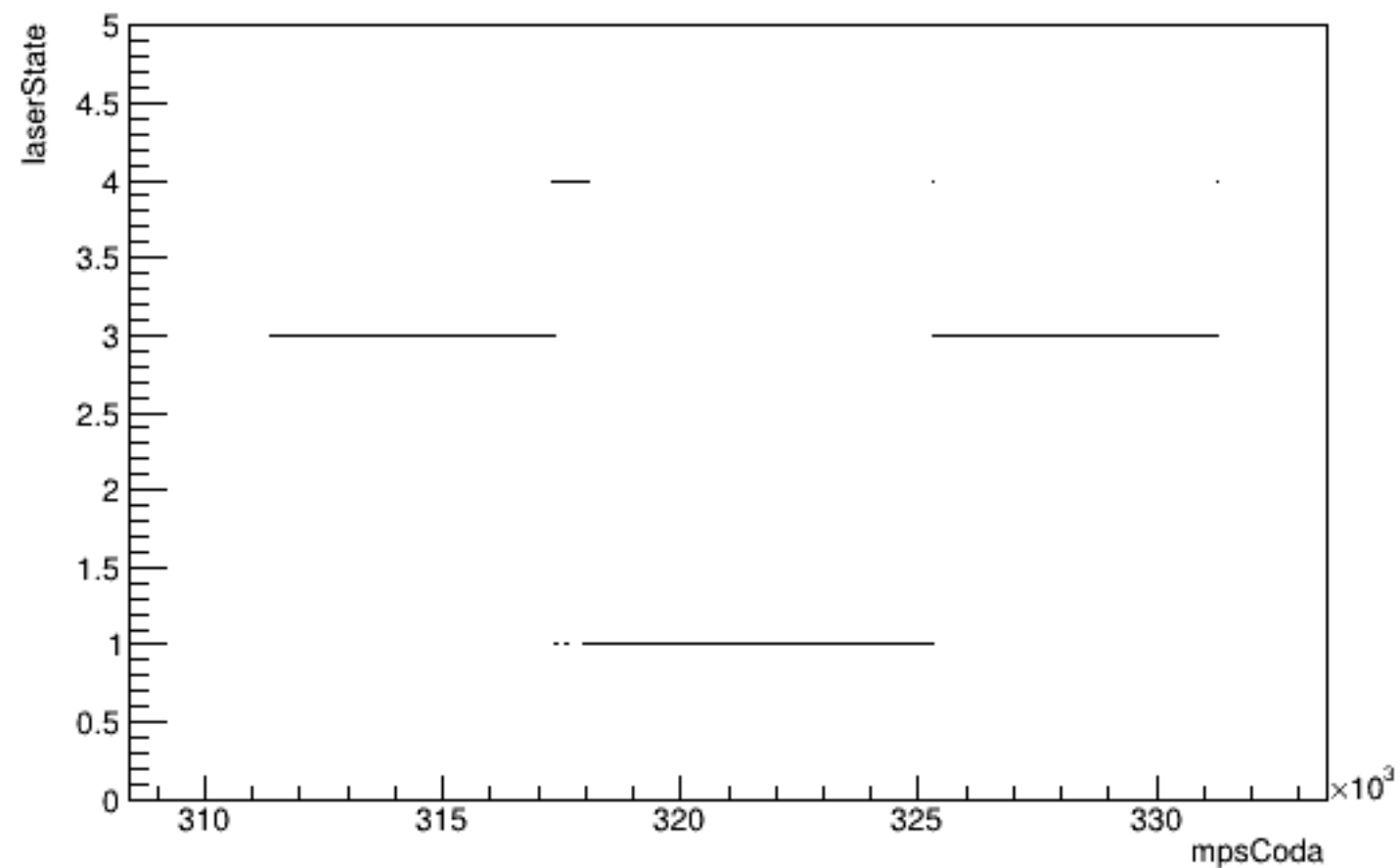
Run 6211 quartetwise, Asyms



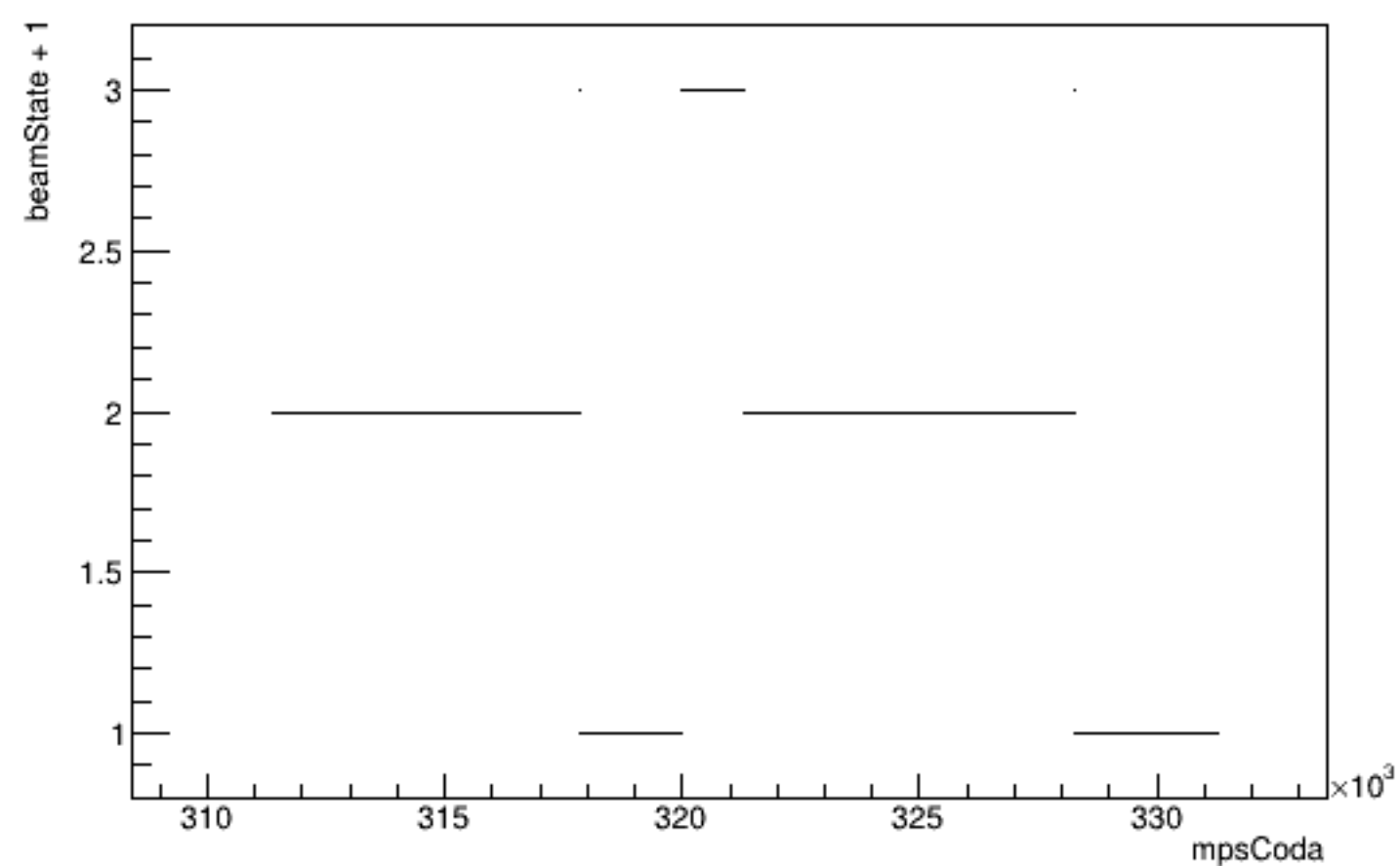
Acc0/NAcc0:mpsCoda (mpsCoda>=311359 && mpsCoda<=331286 && beamState==1)



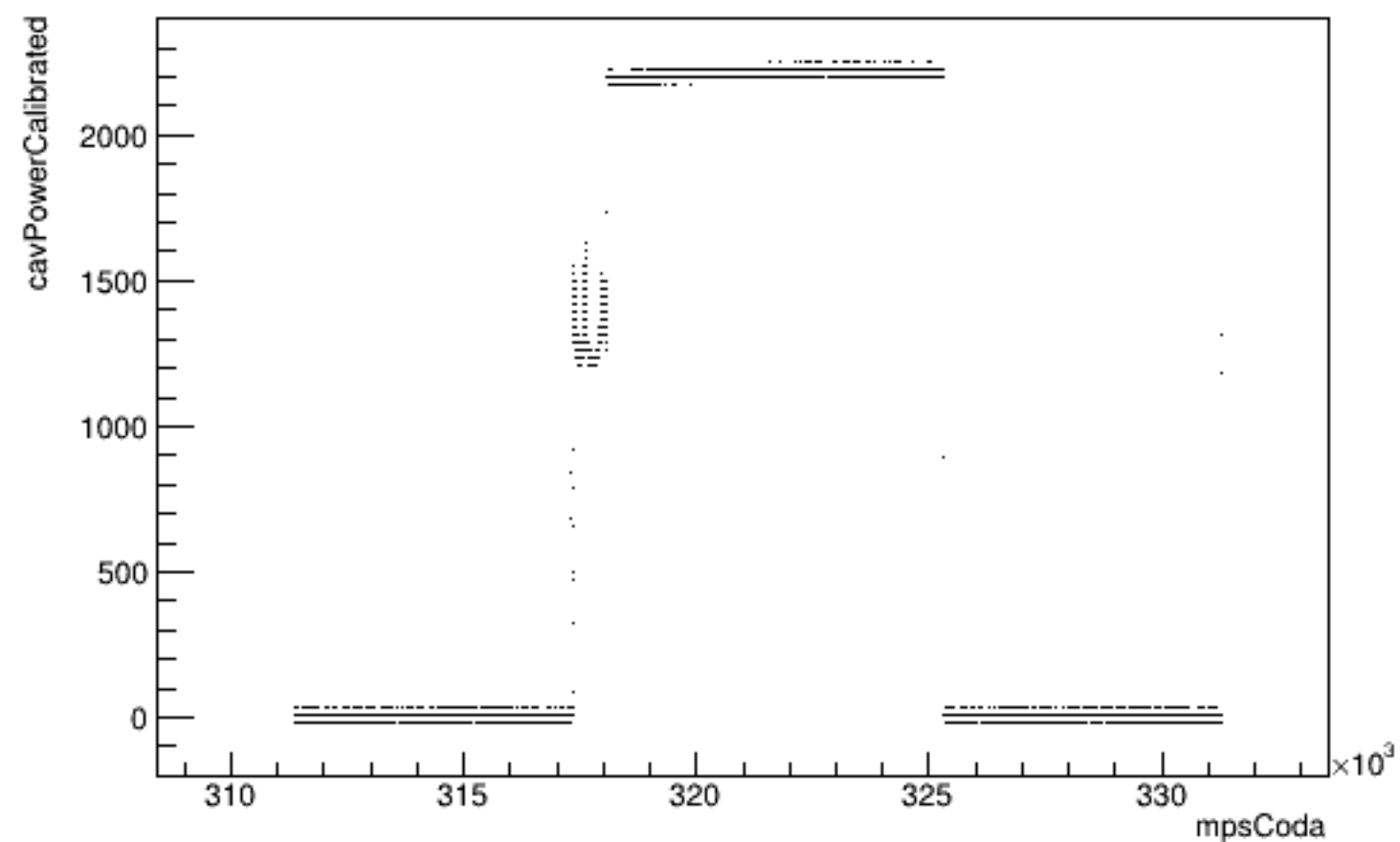
laserState:mpsCoda {mpsCoda>=311359 && mpsCoda<=331286}



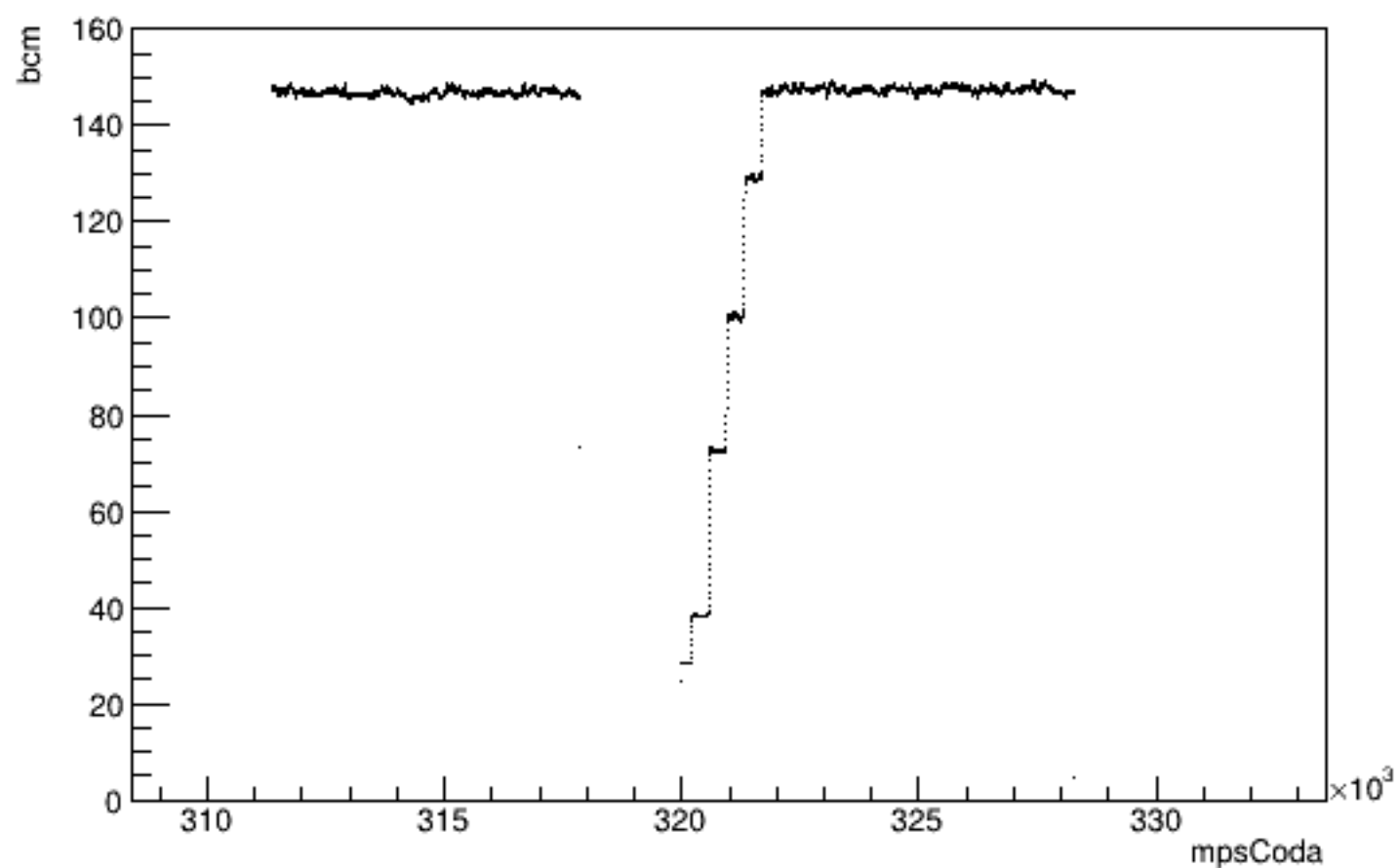
beamState + 1:mpsCoda {mpsCoda>=311359 && mpsCoda<=331286}



cavPowerCalibrated:mpsCoda {mpsCoda>=311359 && mpsCoda<=331286}



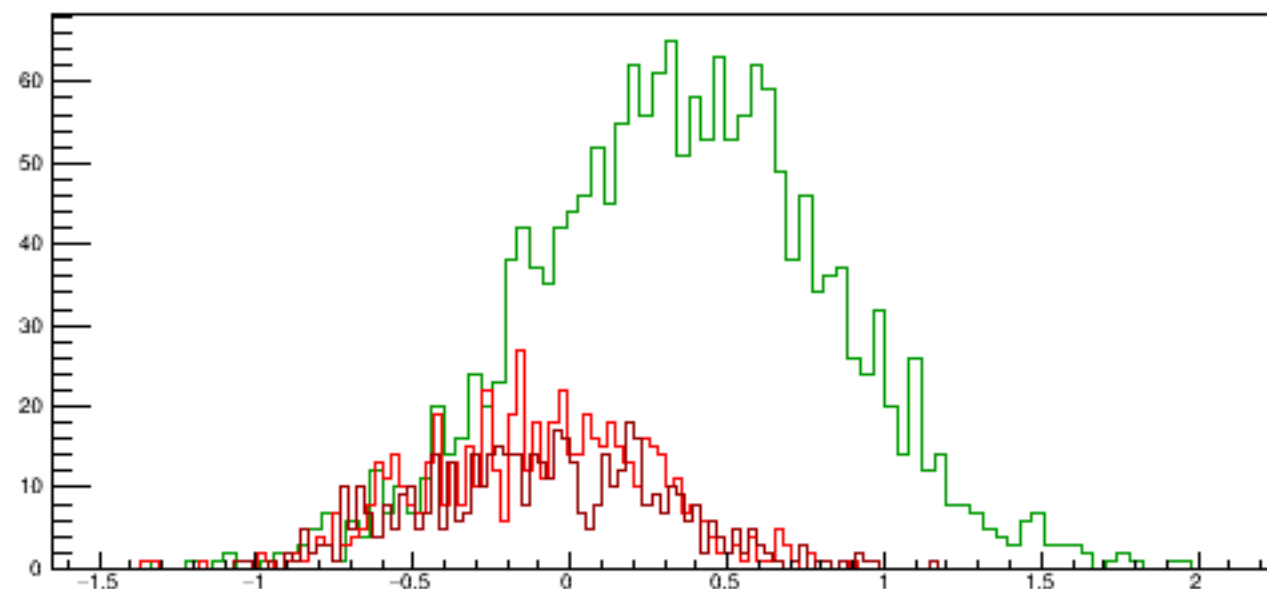
bcm:mpsCoda {mpsCoda>=311359 && mpsCoda<=331286}



Cycle 14, Diffs

Entries: 613	Entries: 1808	Entries: 509
Mean: -0.1111 +/- 0.0146	Mean: 0.3571 +/- 0.0112	Mean: -0.0935 +/- 0.0172
Std Dev: 0.3606 +/- 0.0103	Std Dev: 0.4774 +/- 0.0079	Std Dev: 0.3889 +/- 0.0122

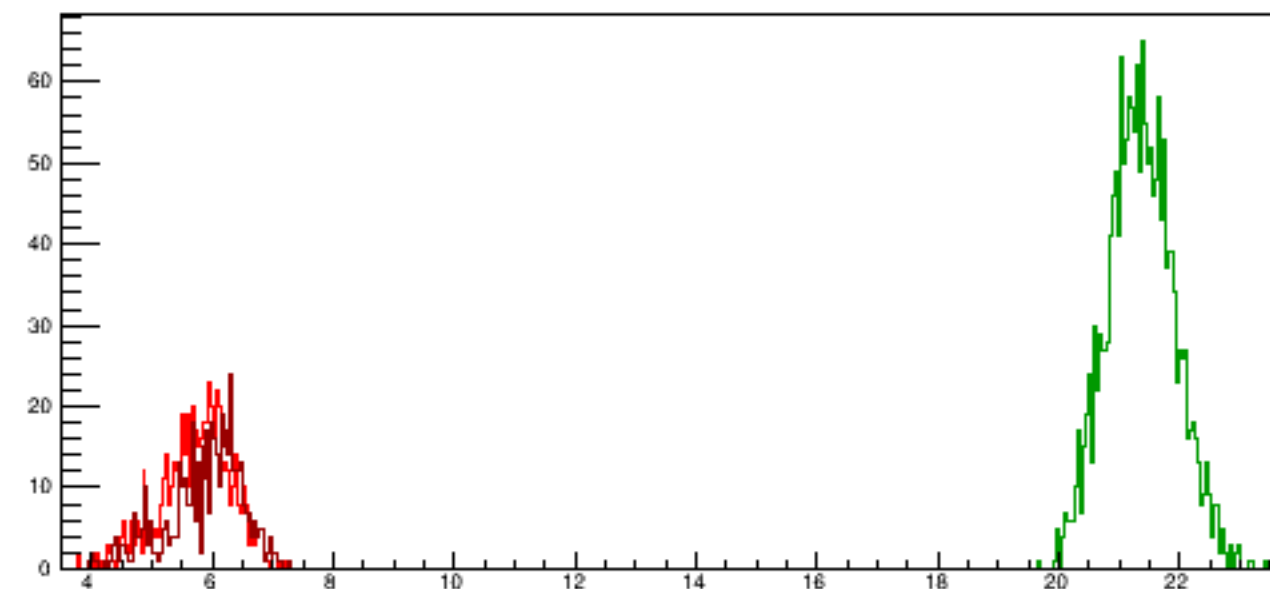
Run 6211 quartetwise, Diffs



Cycle 14, Sums

Entries: 613	Entries: 1808	Entries: 509
Mean: 5.7273 +/- 0.0241	Mean: 21.3668 +/- 0.0130	Mean: 5.8773 +/- 0.0281
Std Dev: 0.5959 +/- 0.0170	Std Dev: 0.5543 +/- 0.0092	Std Dev: 0.6334 +/- 0.0199

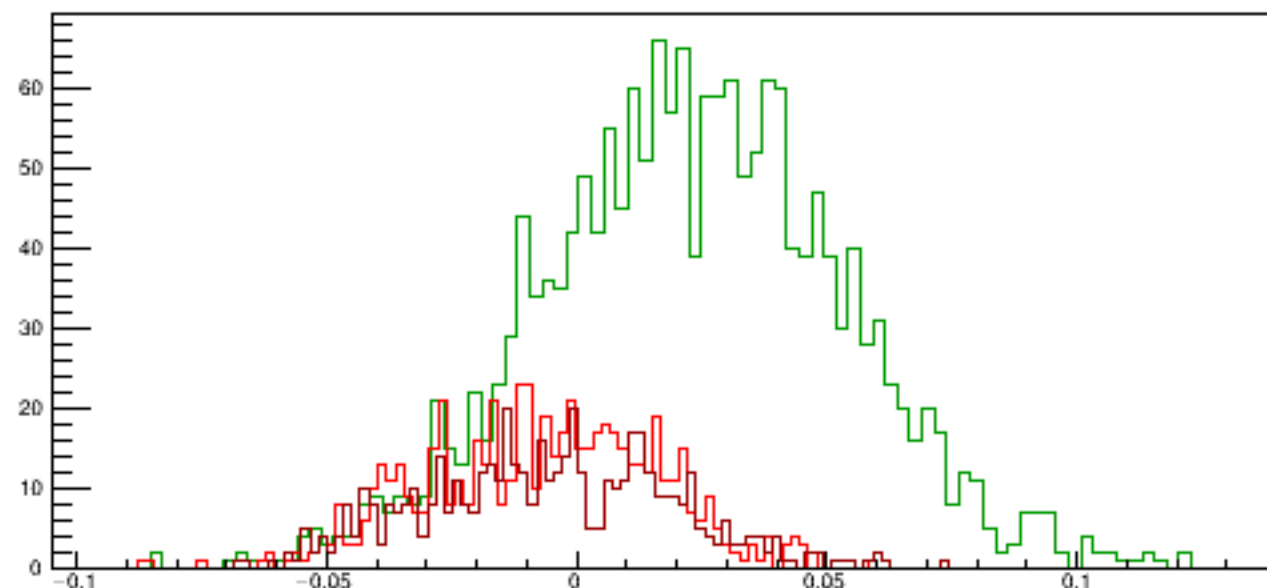
Run 6211 quartetwise, Sums



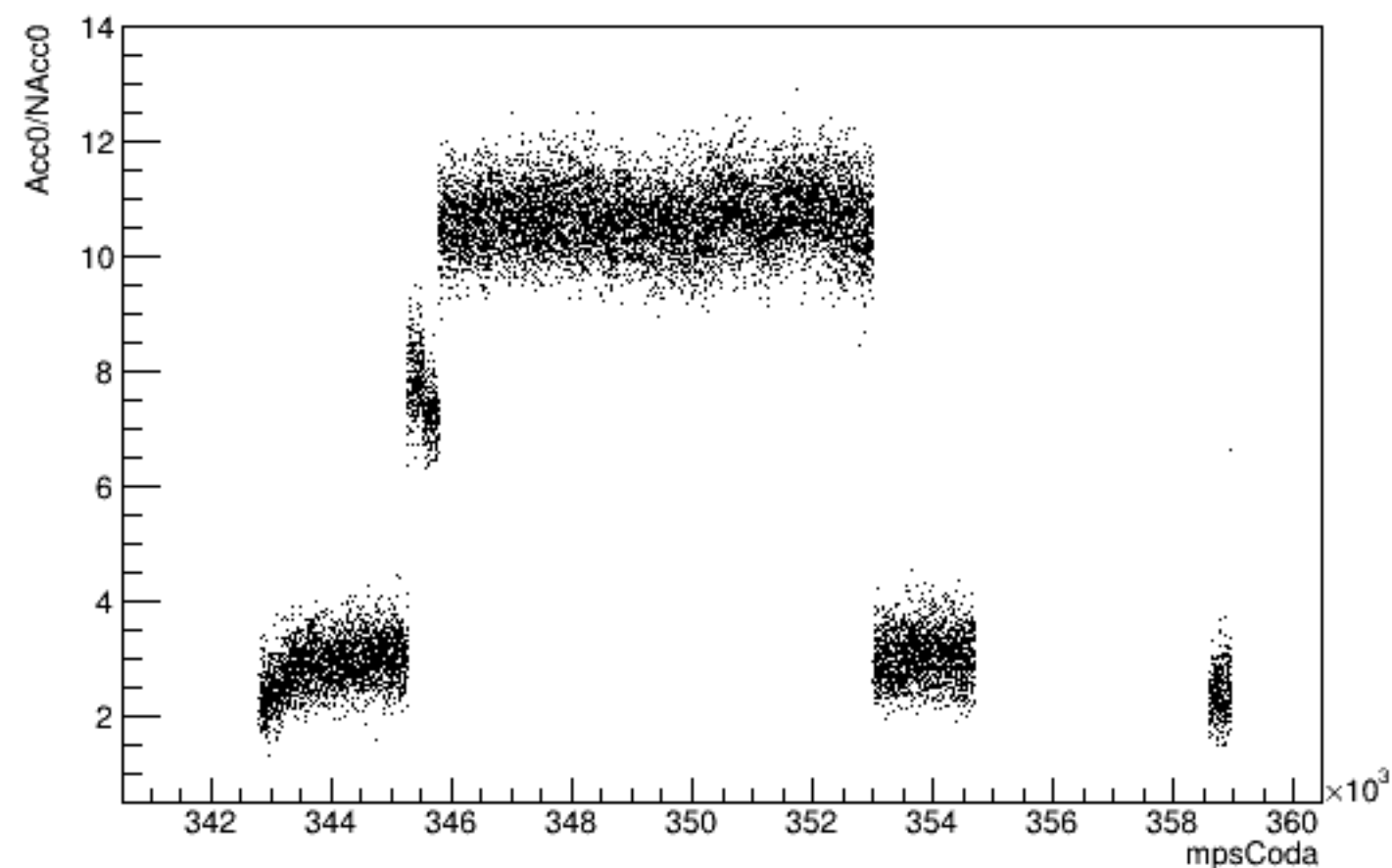
Cycle 14, Asyms

Entries: 613	Entries: 1808	Entries: 509
Mean: -0.0071 +/- 0.0009	Mean: 0.0229 +/- 0.0007	Mean: -0.0060 +/- 0.0011
Std Dev: 0.0232 +/- 0.0007	Std Dev: 0.0307 +/- 0.0005	Std Dev: 0.0250 +/- 0.0008

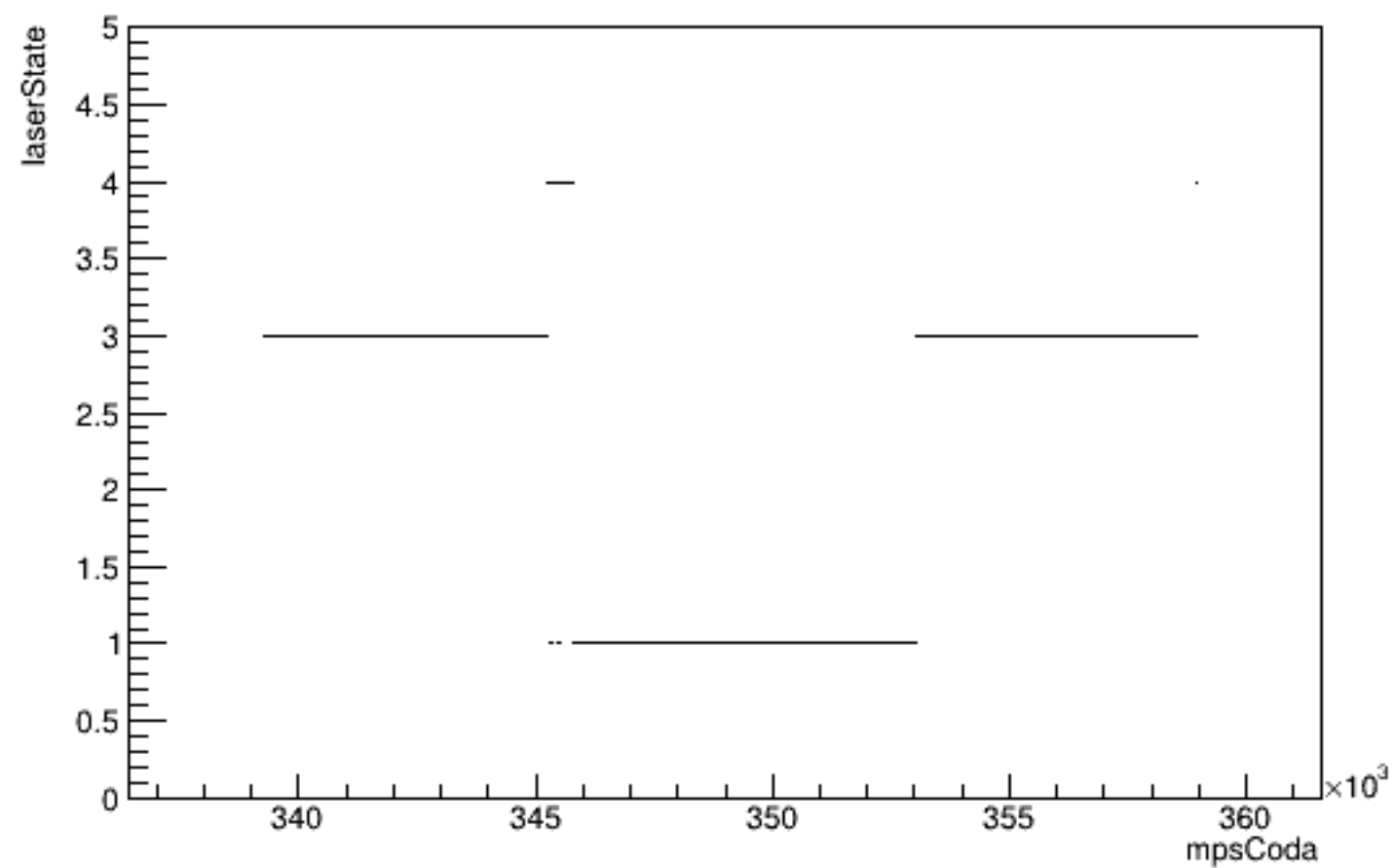
Run 6211 quartetwise, Asyms



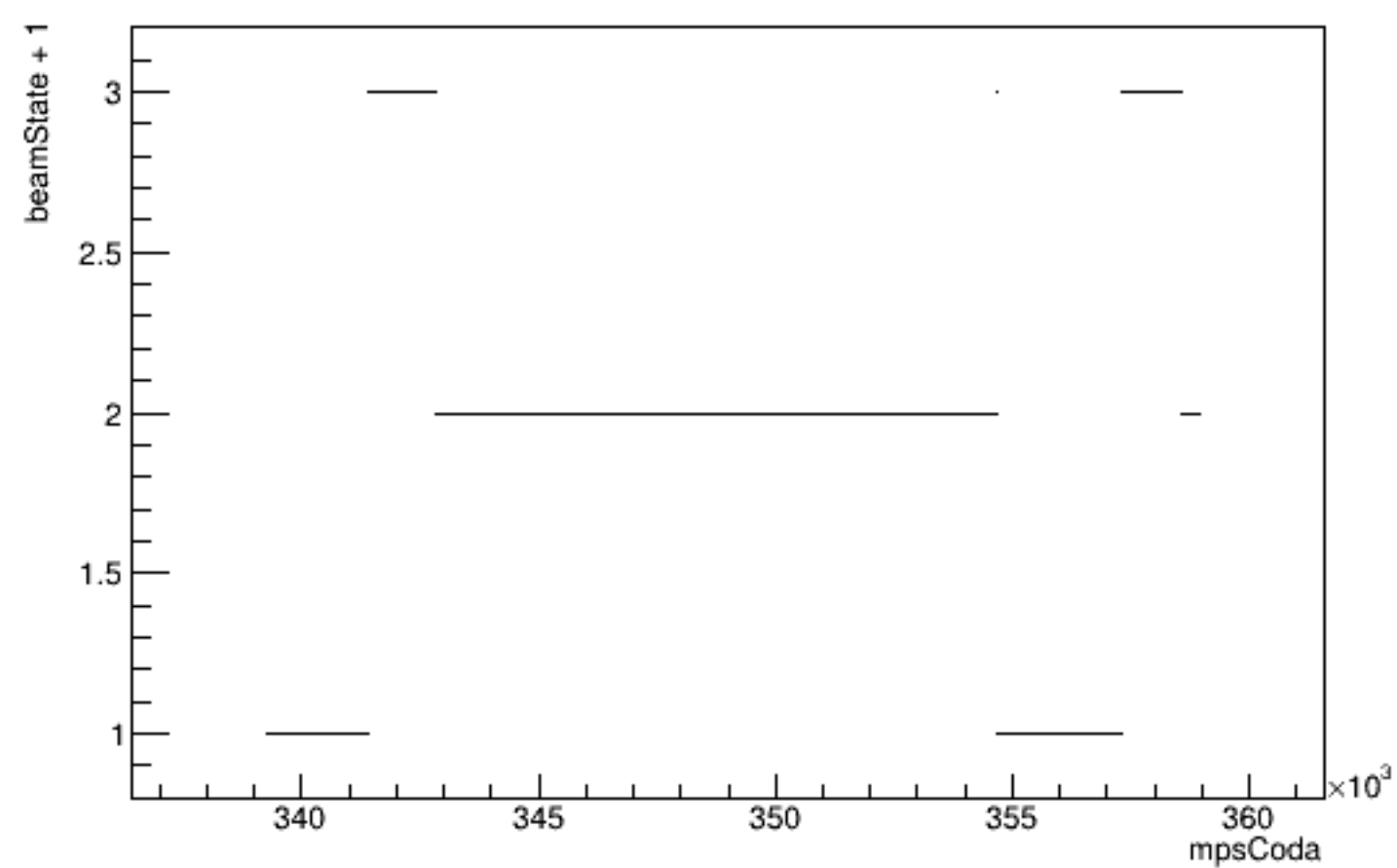
Acc0/NAcc0:mpsCoda (mpsCoda>=339287 && mpsCoda<=358962 && beamState==1)



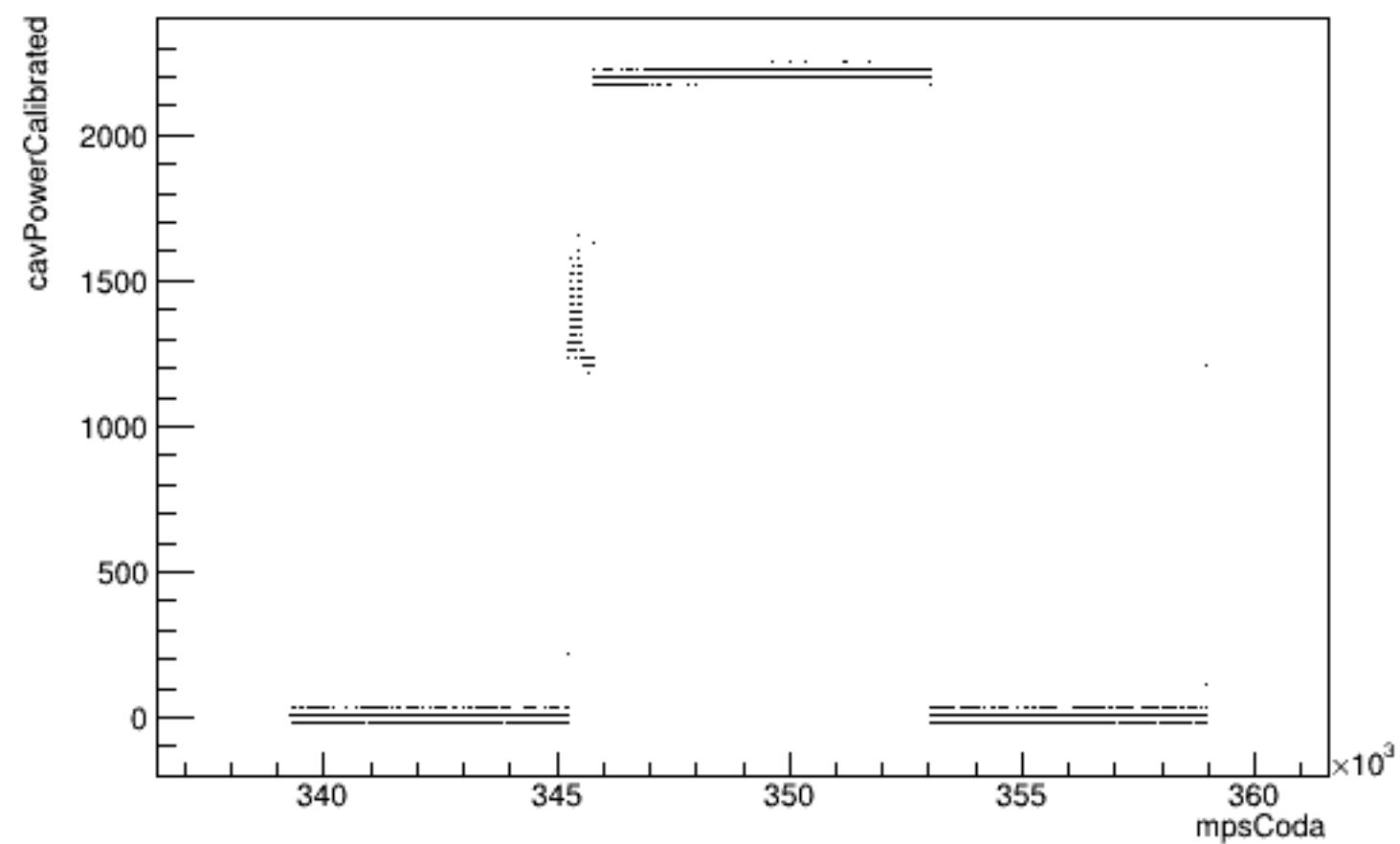
laserState:mpsCoda {mpsCoda>=339287 && mpsCoda<=358962}



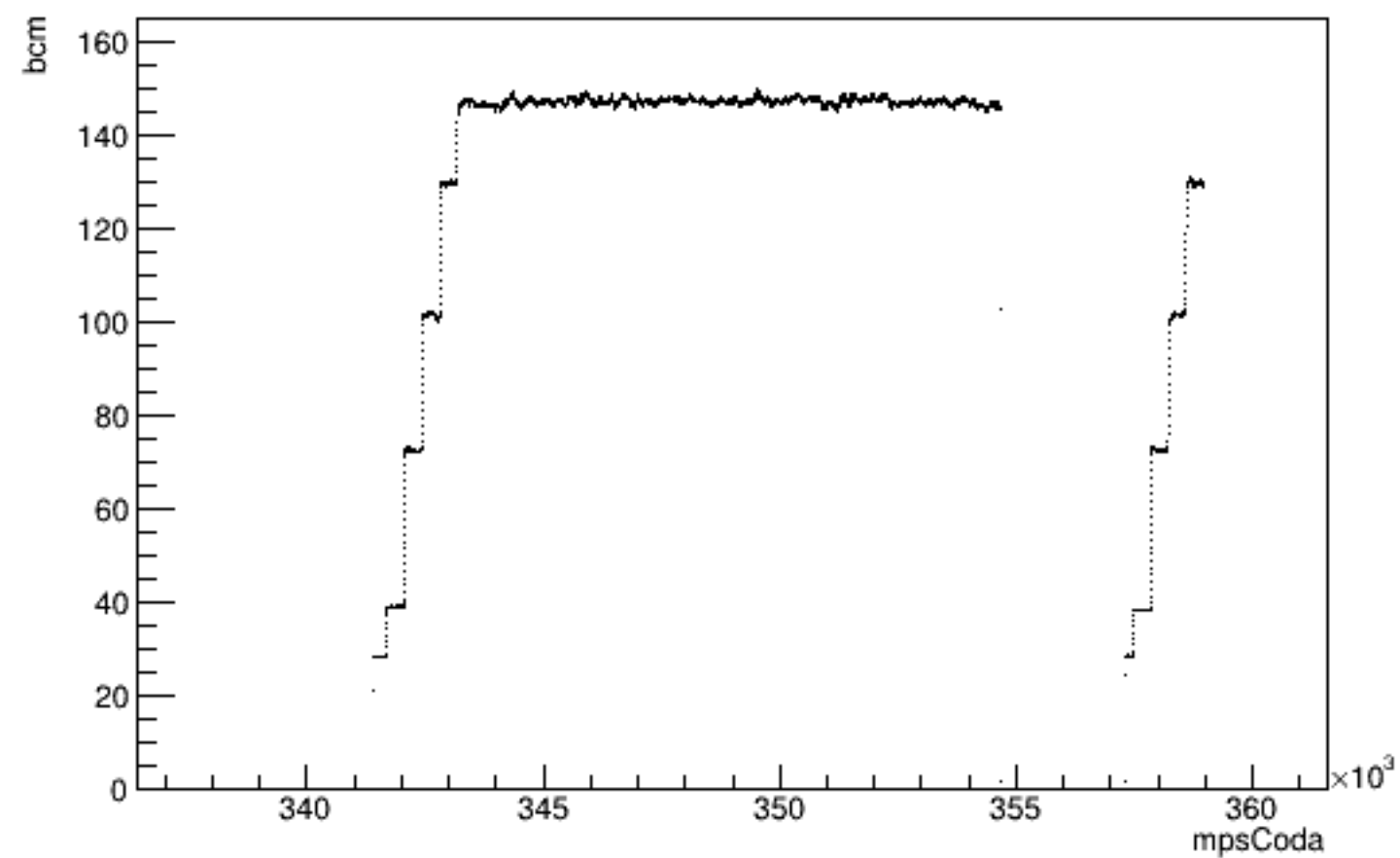
beamState + 1:mpsCoda {mpsCoda>=339287 && mpsCoda<=358962}



cavPowerCalibrated:mpsCoda {mpsCoda>=339287 && mpsCoda<=358962}



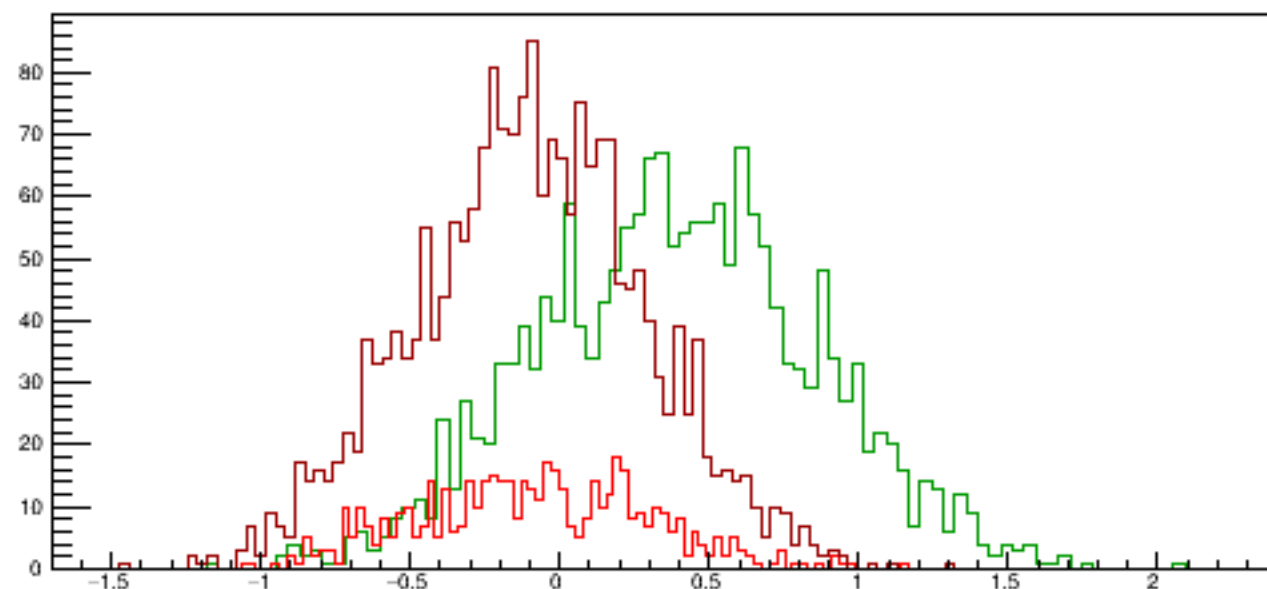
bcm:mpsCoda {mpsCoda>=339287 && mpsCoda<=358962}



Cycle 15, Diffs

Entries: 509	Entries: 1806	Entries: 2128
Mean: -0.0935 +/- 0.0172	Mean: 0.3882 +/- 0.0110	Mean: -0.0988 +/- 0.0084
Std Dev: 0.3889 +/- 0.0122	Std Dev: 0.4678 +/- 0.0078	Std Dev: 0.3854 +/- 0.0059

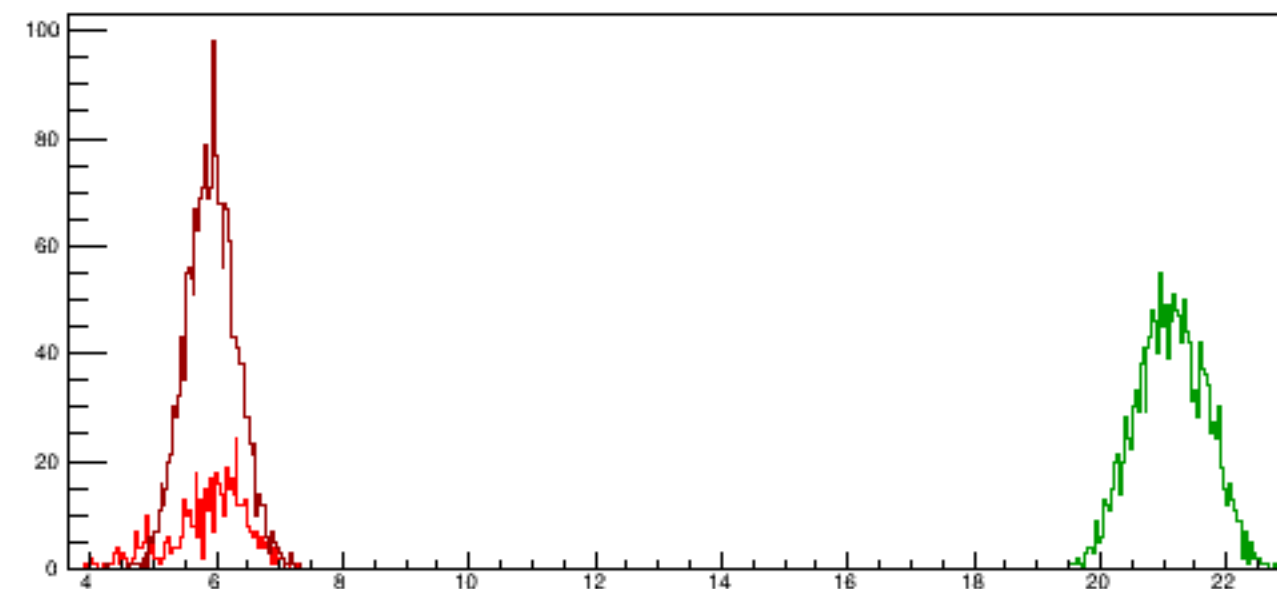
Run 6211 quartetwise, Diffs



Cycle 15, Sums

Entries: 509	Entries: 1806	Entries: 2128
Mean: 5.8773 +/- 0.0281	Mean: 21.1171 +/- 0.0131	Mean: 5.9194 +/- 0.0089
Std Dev: 0.6334 +/- 0.0199	Std Dev: 0.5580 +/- 0.0093	Std Dev: 0.4088 +/- 0.0063

Run 6211 quartetwise, Sums

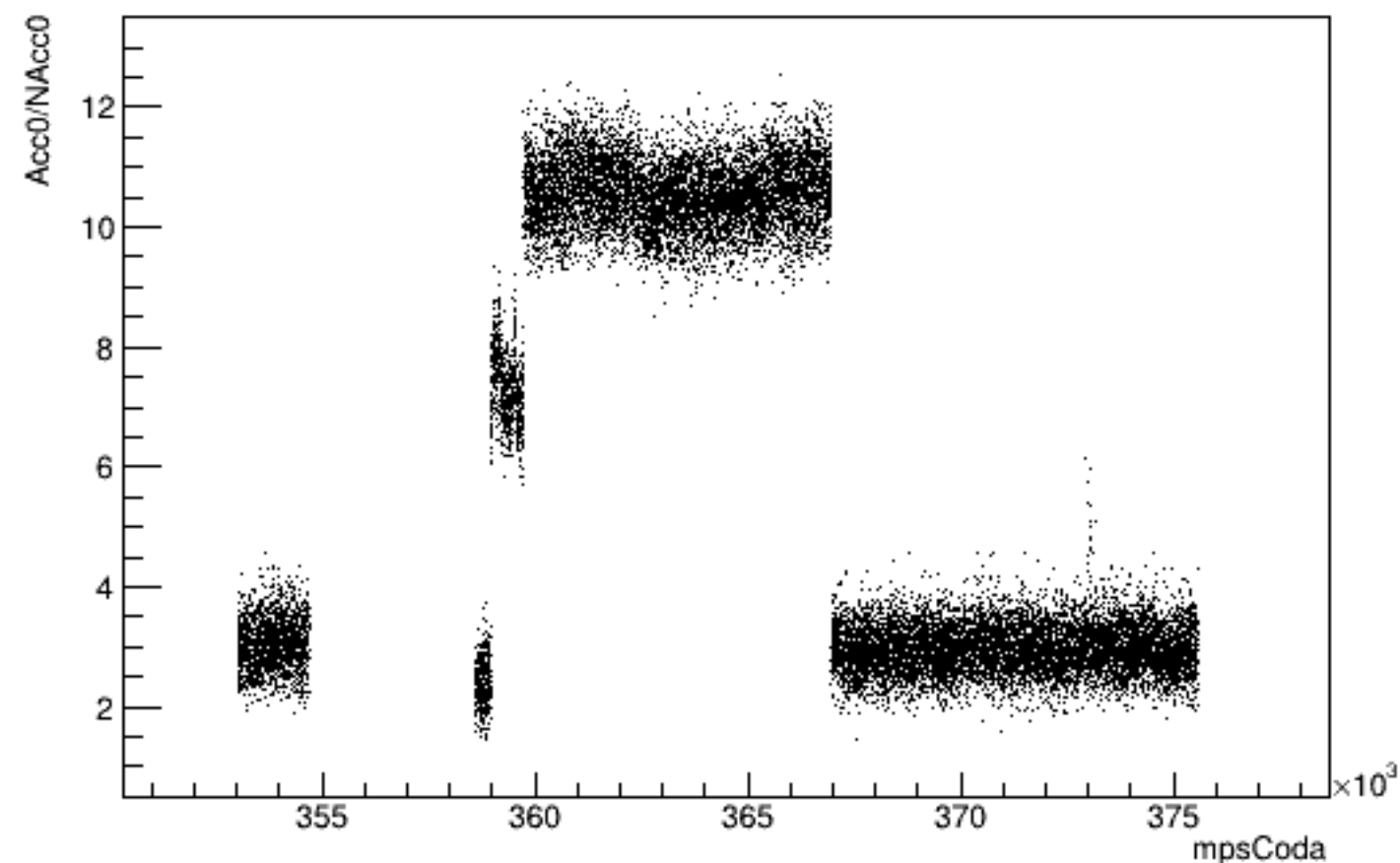
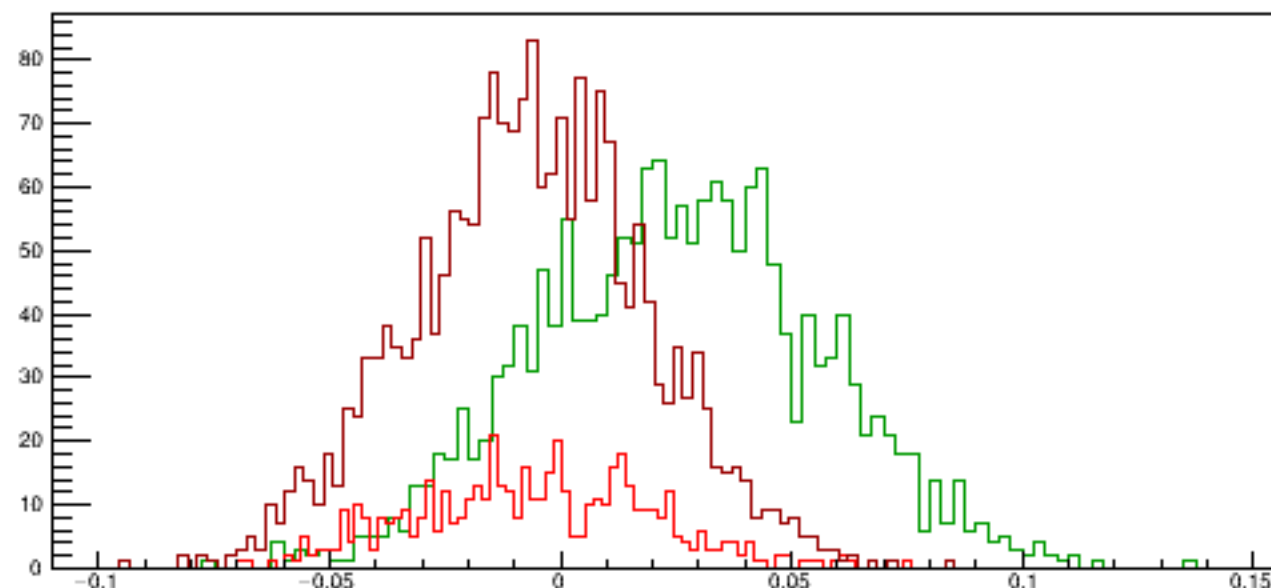


Acc0/NAcc0:mpsCoda (mpsCoda>=353019 && mpsCoda<=375566 && beamState==1)

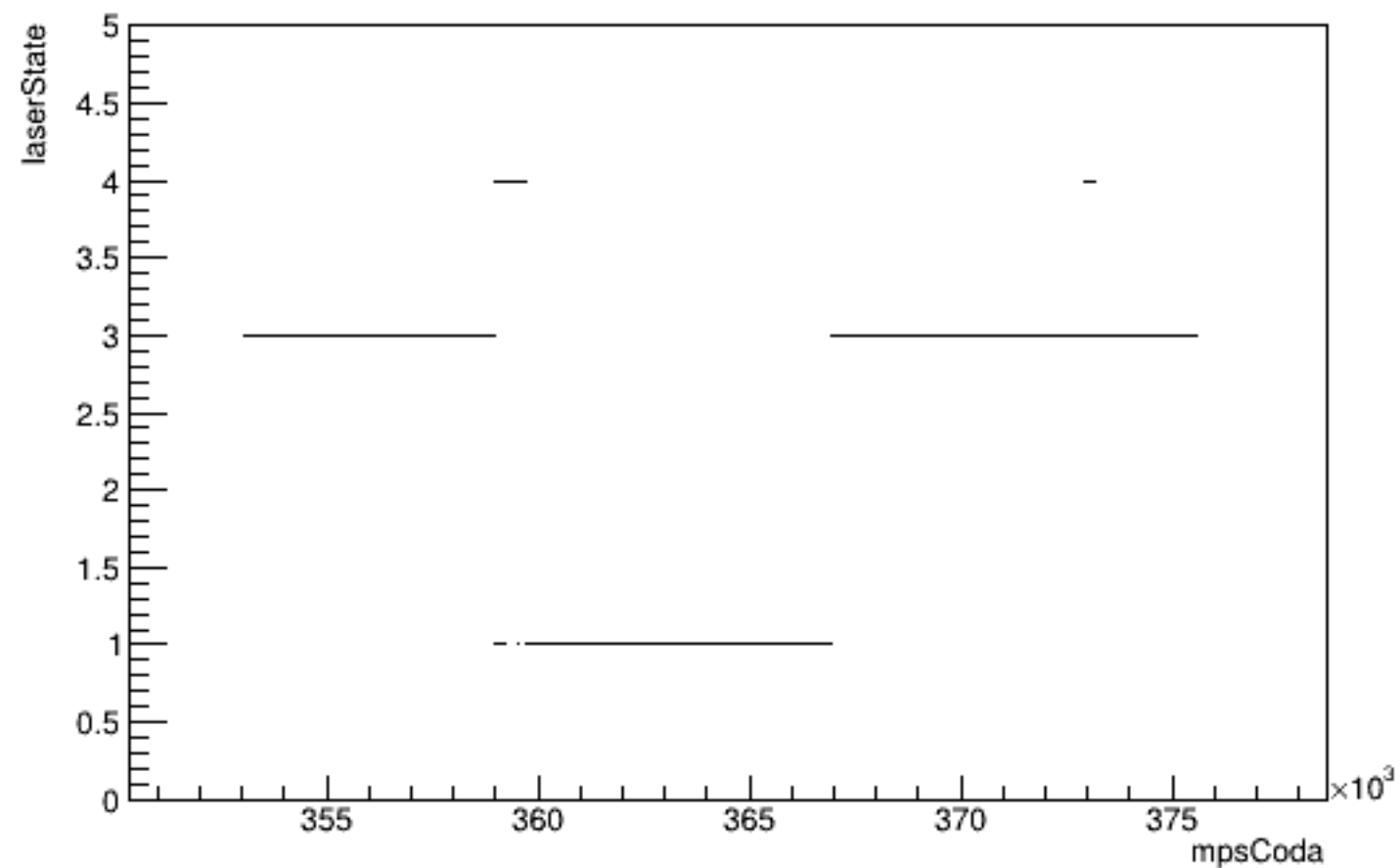
Cycle 15, Asyms

Entries: 509	Entries: 1806	Entries: 2128
Mean: -0.0061 +/- 0.0011	Mean: 0.0256 +/- 0.0007	Mean: -0.0065 +/- 0.0005
Std Dev: 0.0256 +/- 0.0008	Std Dev: 0.0308 +/- 0.0005	Std Dev: 0.0253 +/- 0.0004

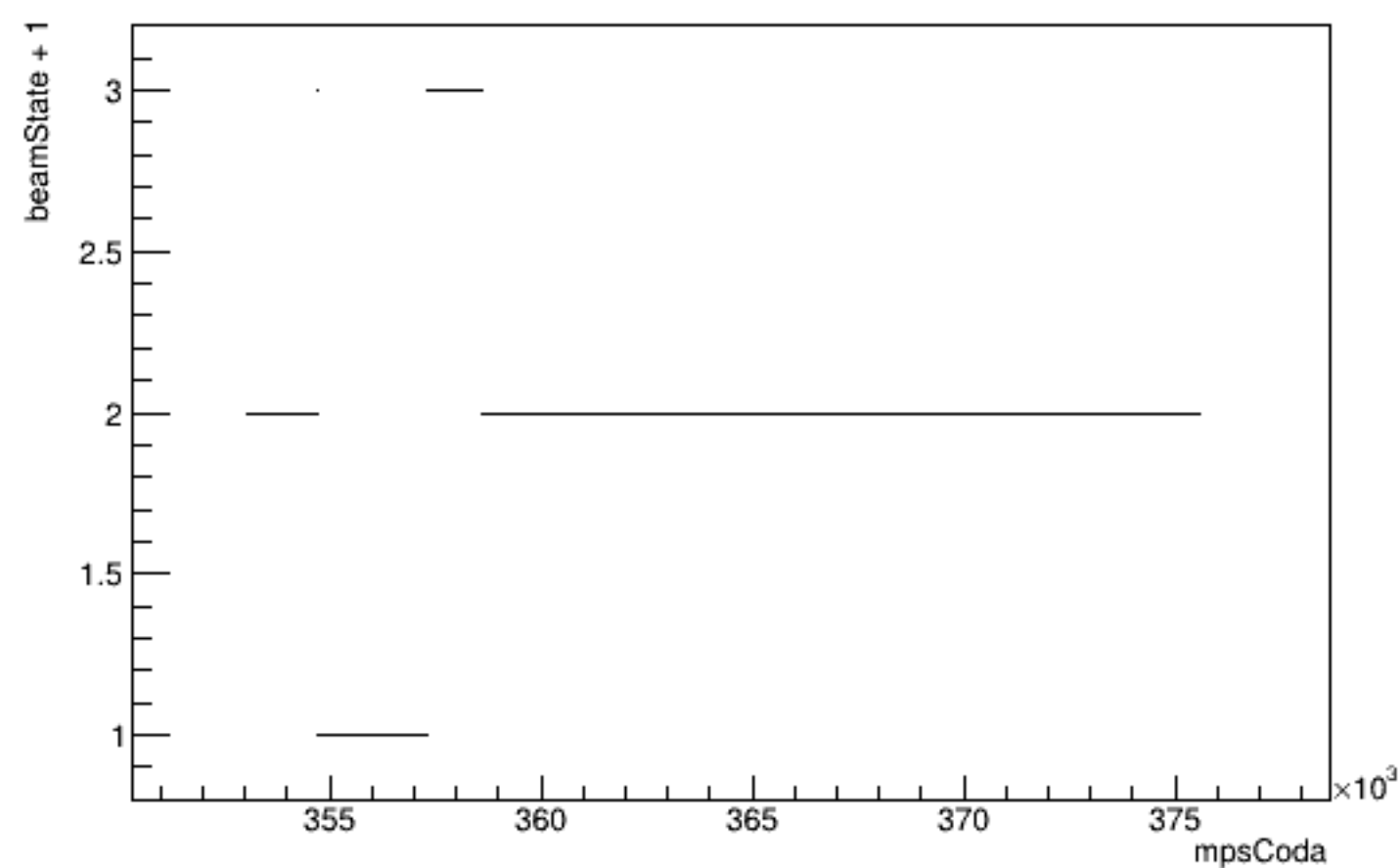
Run 6211 quartetwise, Asyms



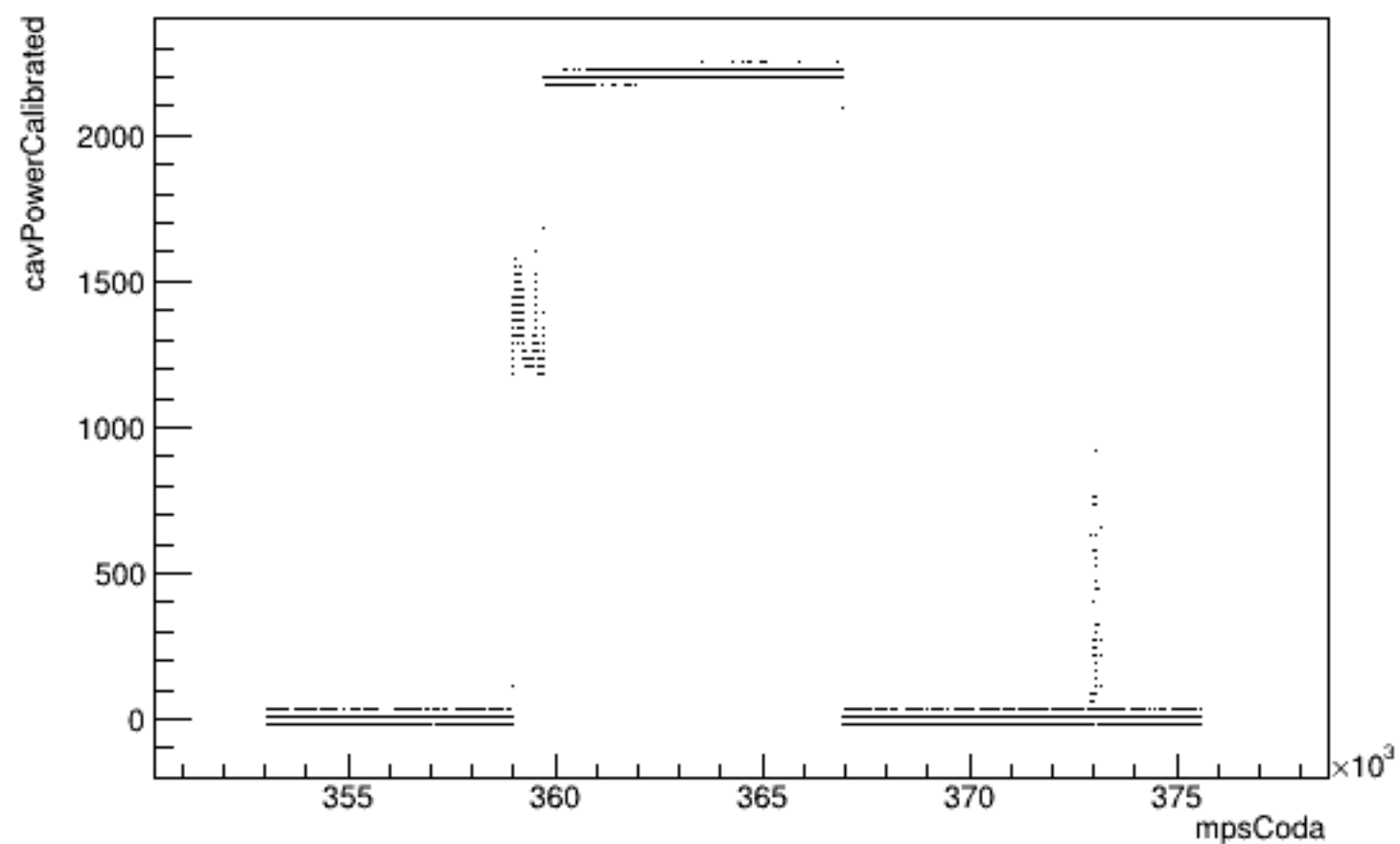
laserState:mpsCoda {mpsCoda>=353019 && mpsCoda<=375566}



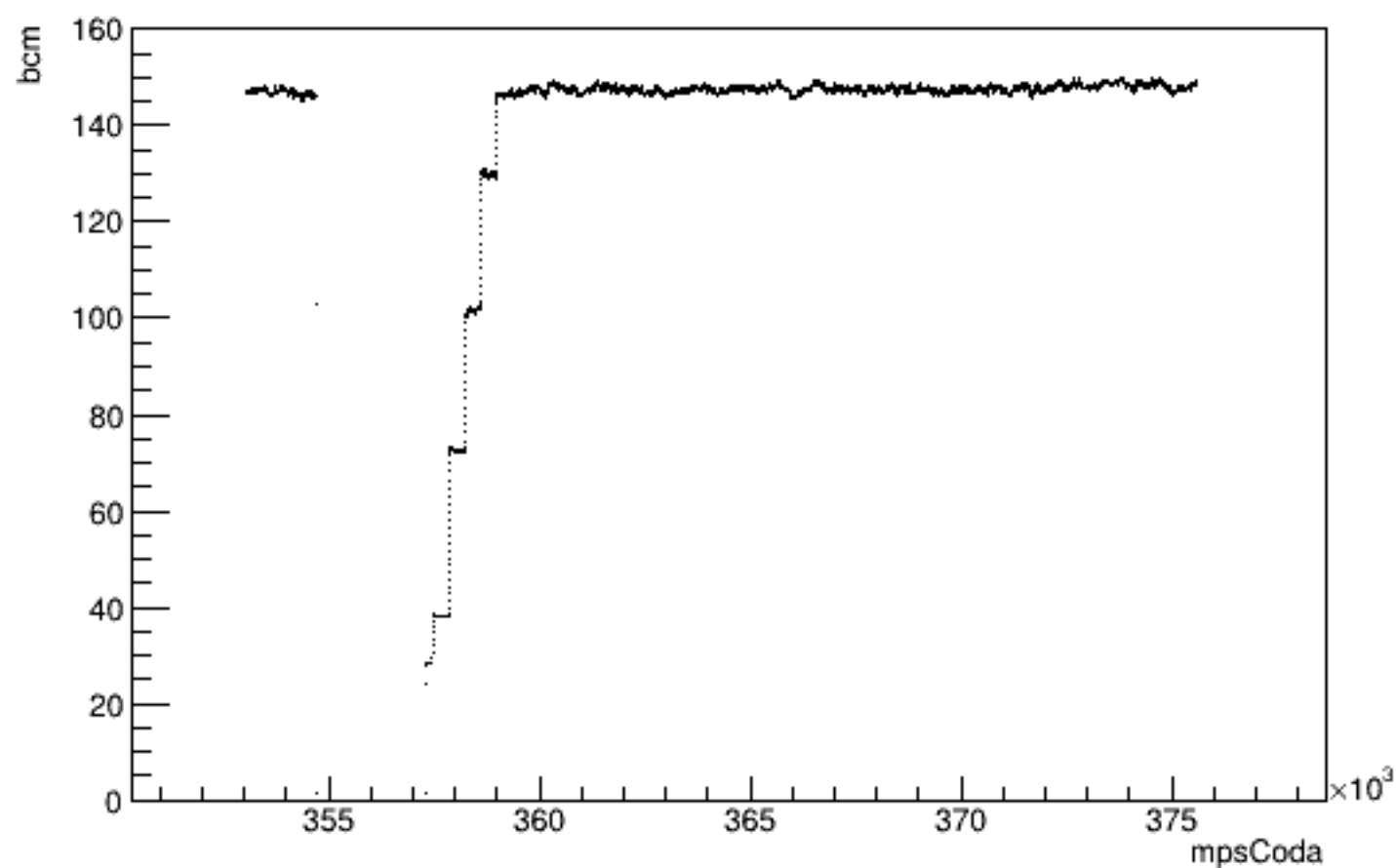
beamState + 1:mpsCoda {mpsCoda>=353019 && mpsCoda<=375566}



cavPowerCalibrated:mpsCoda {mpsCoda>=353019 && mpsCoda<=375566}



bcm:mpsCoda {mpsCoda>=353019 && mpsCoda<=375566}



Cycle 16, Diffs

Entries: 2128

Mean: -0.0988 +/- 0.0084

Std Dev: 0.3854 +/- 0.0059

Entries: 1810

Mean: 0.3814 +/- 0.0112

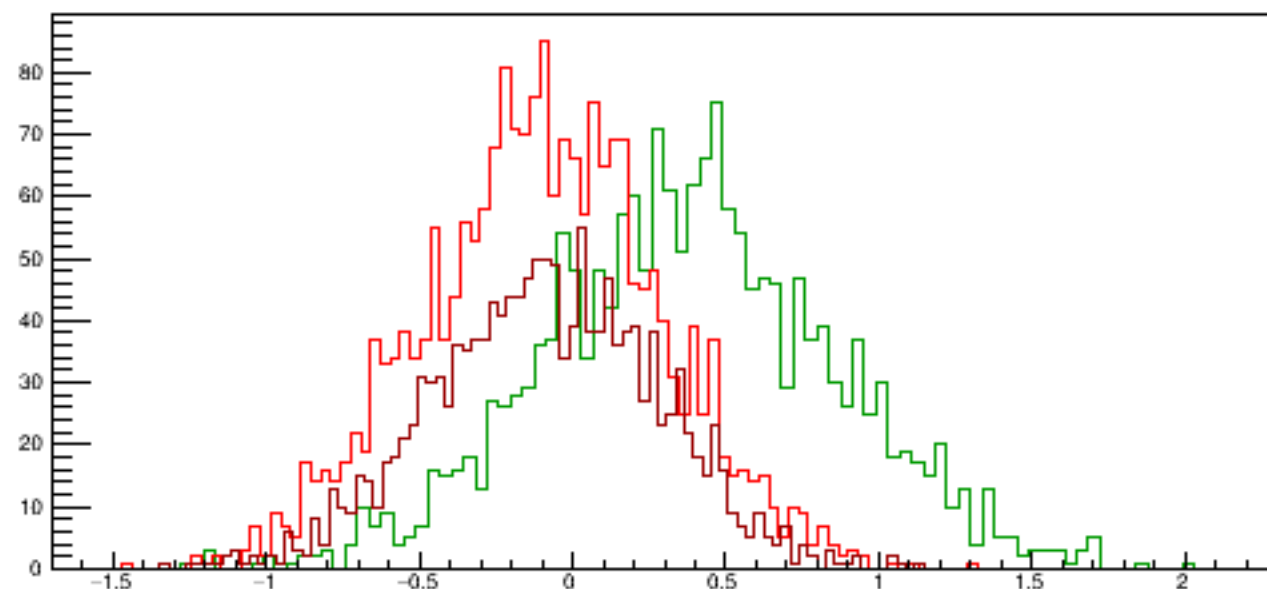
Std Dev: 0.4775 +/- 0.0079

Entries: 1488

Mean: -0.0891 +/- 0.0096

Std Dev: 0.3696 +/- 0.0068

Run 6211 quartetwise, Diffs



Cycle 16, Sums

Entries: 2128

Mean: 5.9194 +/- 0.0089

Std Dev: 0.4088 +/- 0.0063

Entries: 1810

Mean: 20.9735 +/- 0.0125

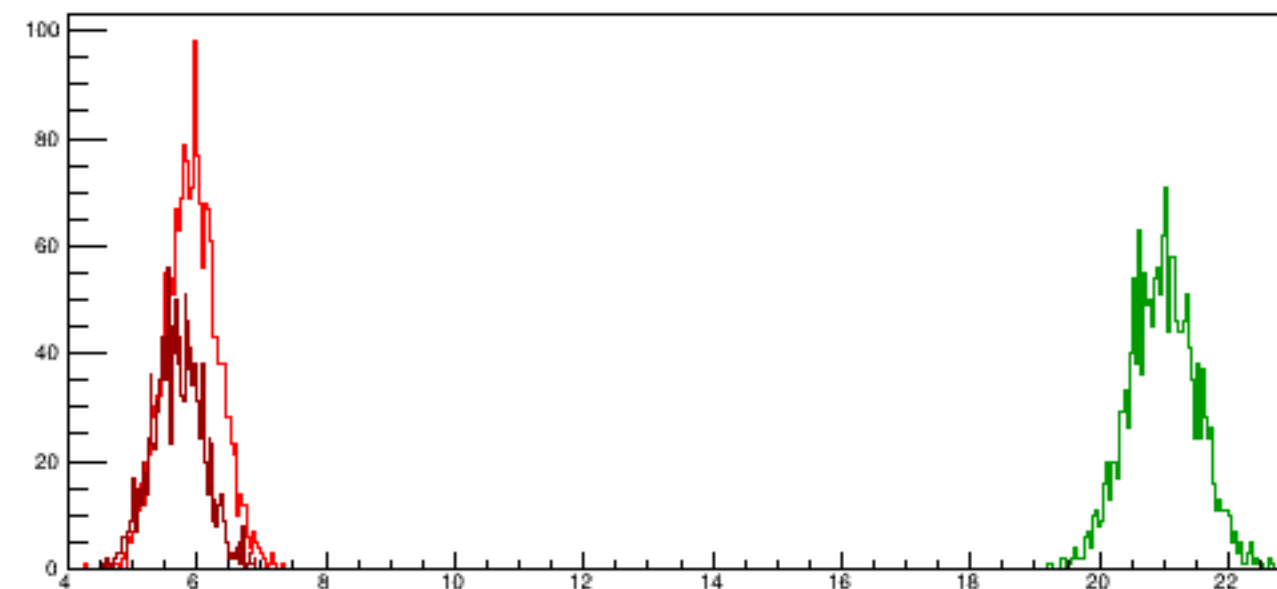
Std Dev: 0.5330 +/- 0.0089

Entries: 1488

Mean: 5.7067 +/- 0.0103

Std Dev: 0.3971 +/- 0.0073

Run 6211 quartetwise, Sums



Cycle 16, Asyms

Entries: 2128

Mean: -0.0065 +/- 0.0006

Std Dev: 0.0254 +/- 0.0004

Entries: 1810

Mean: 0.0252 +/- 0.0007

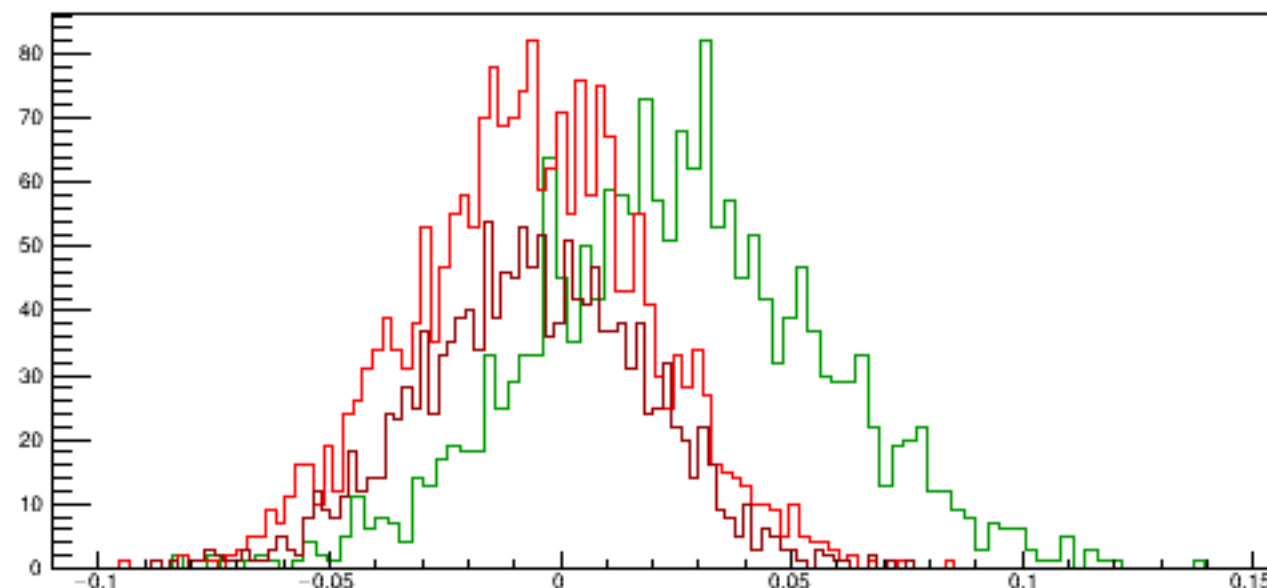
Std Dev: 0.0316 +/- 0.0005

Entries: 1488

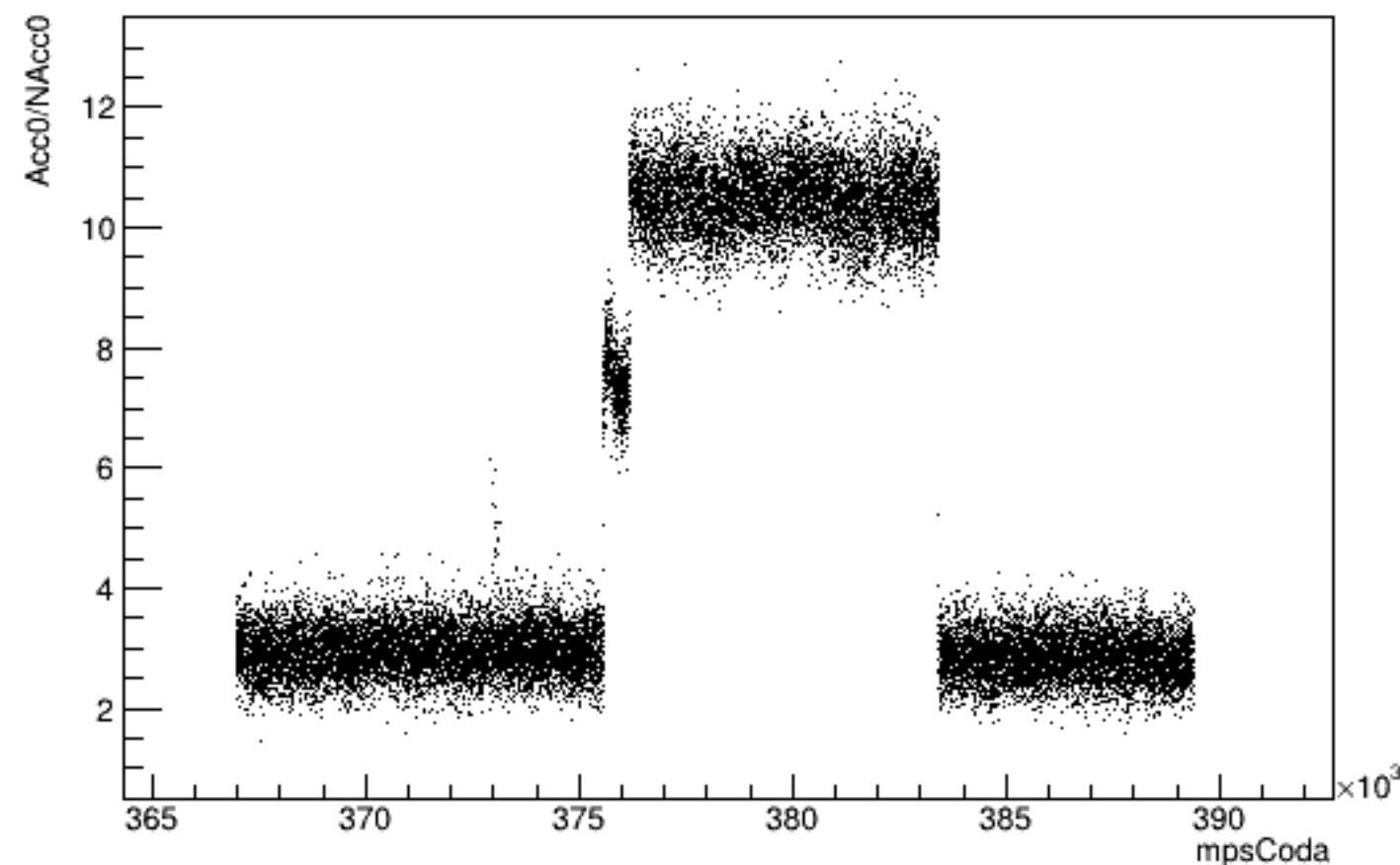
Mean: -0.0059 +/- 0.0006

Std Dev: 0.0244 +/- 0.0004

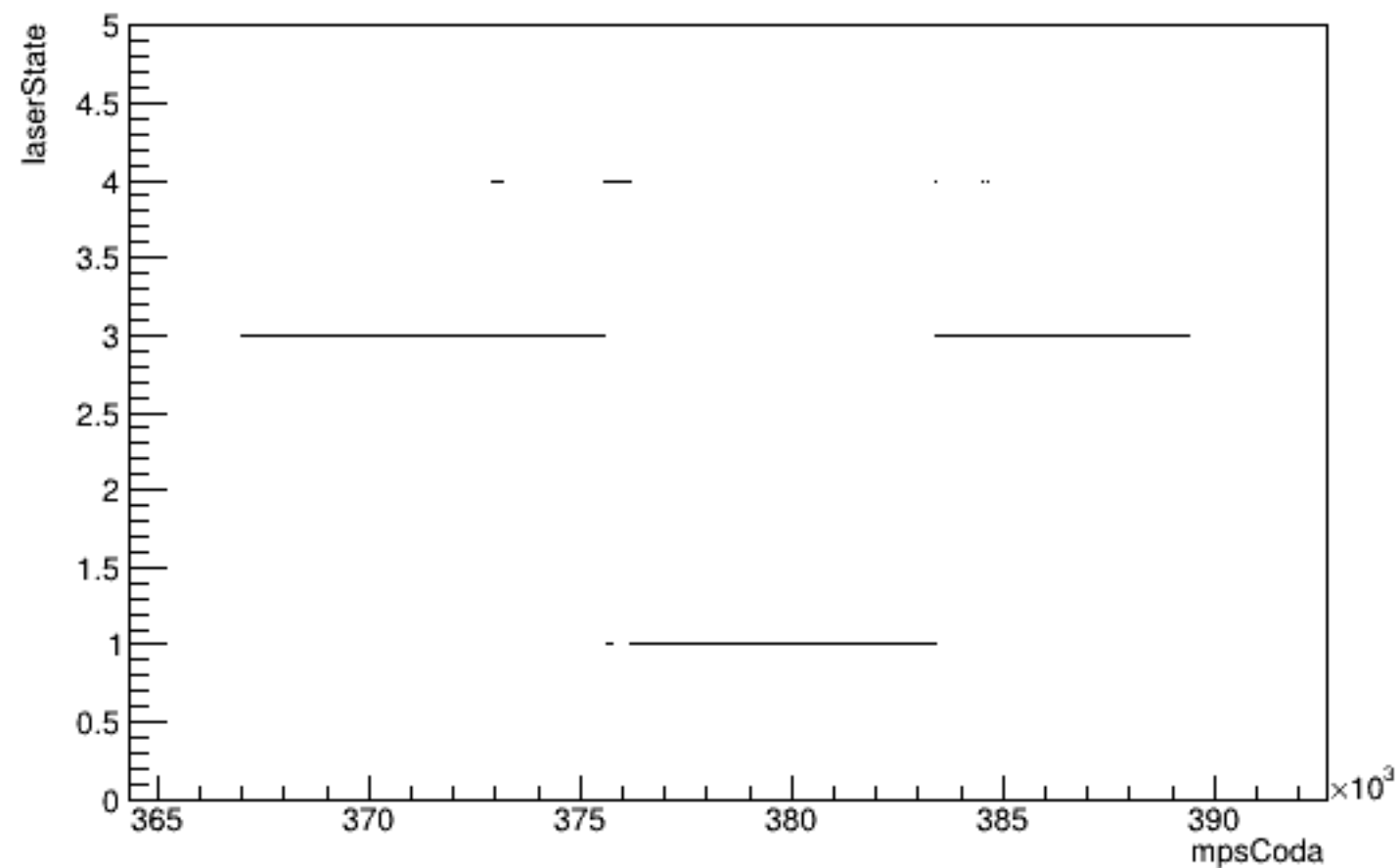
Run 6211 quartetwise, Asyms



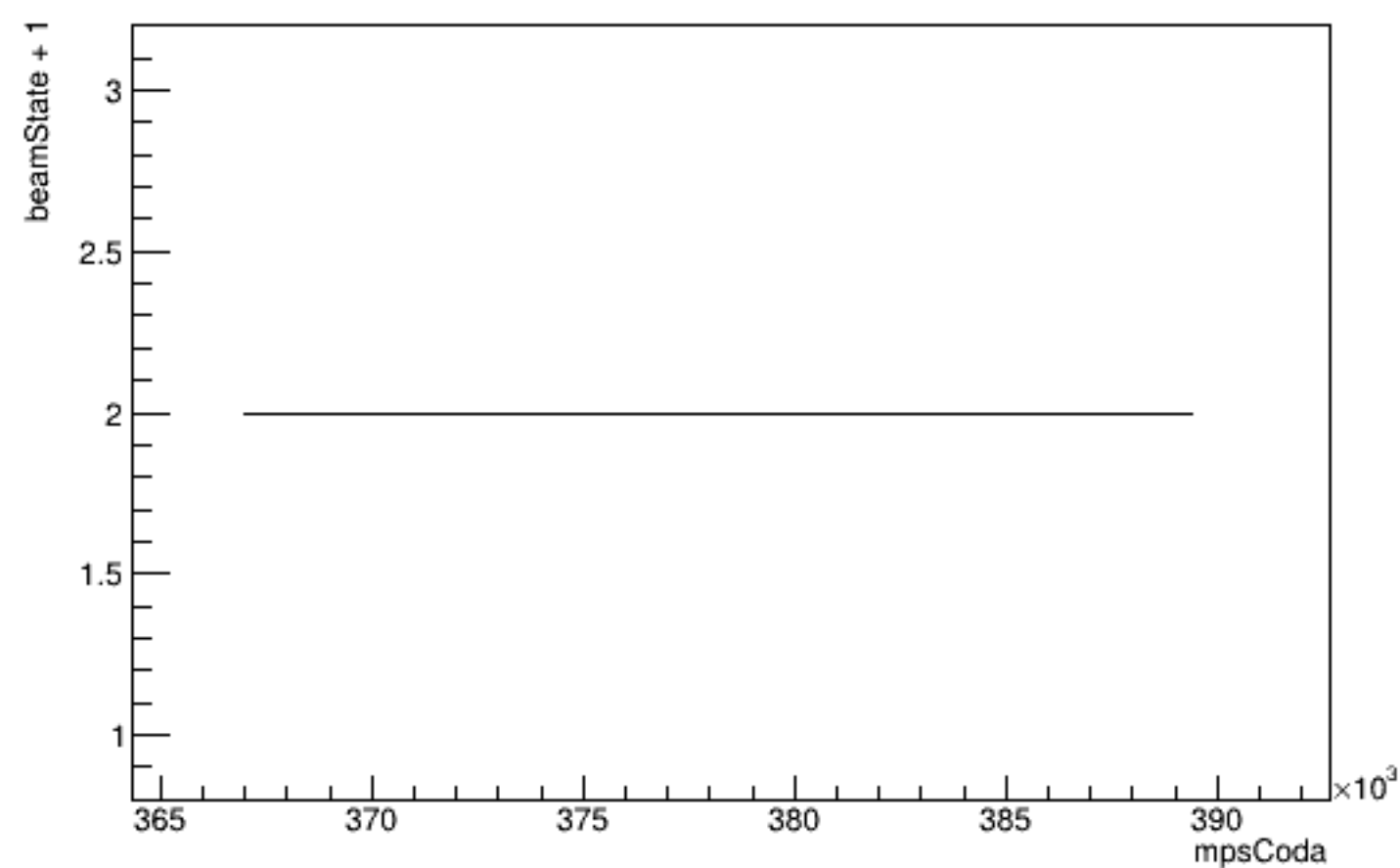
Acc0/NAcc0:mpsCoda (mpsCoda>=366967 && mpsCoda<=389386 && beamState==1)



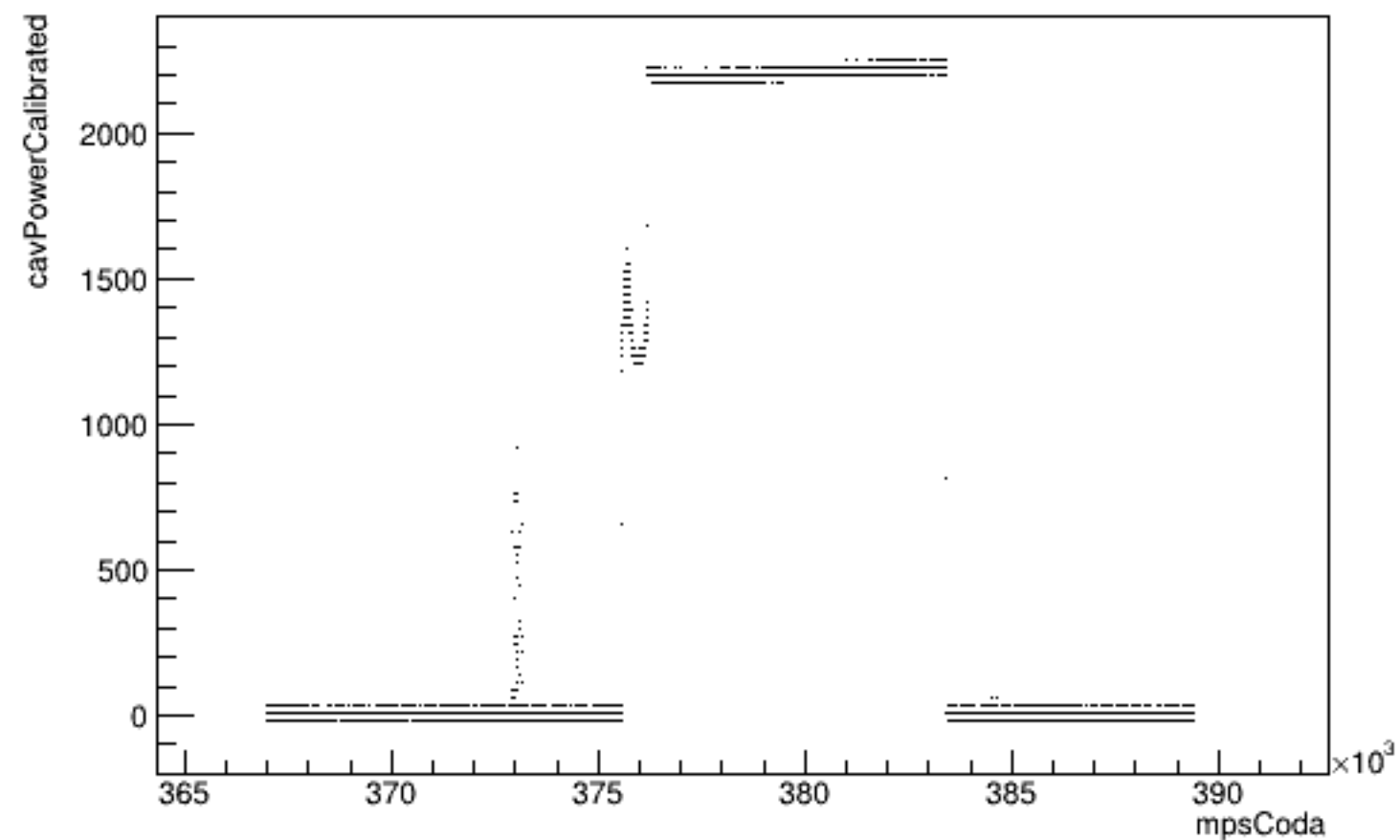
laserState:mpsCoda {mpsCoda>=366967 && mpsCoda<=389386}



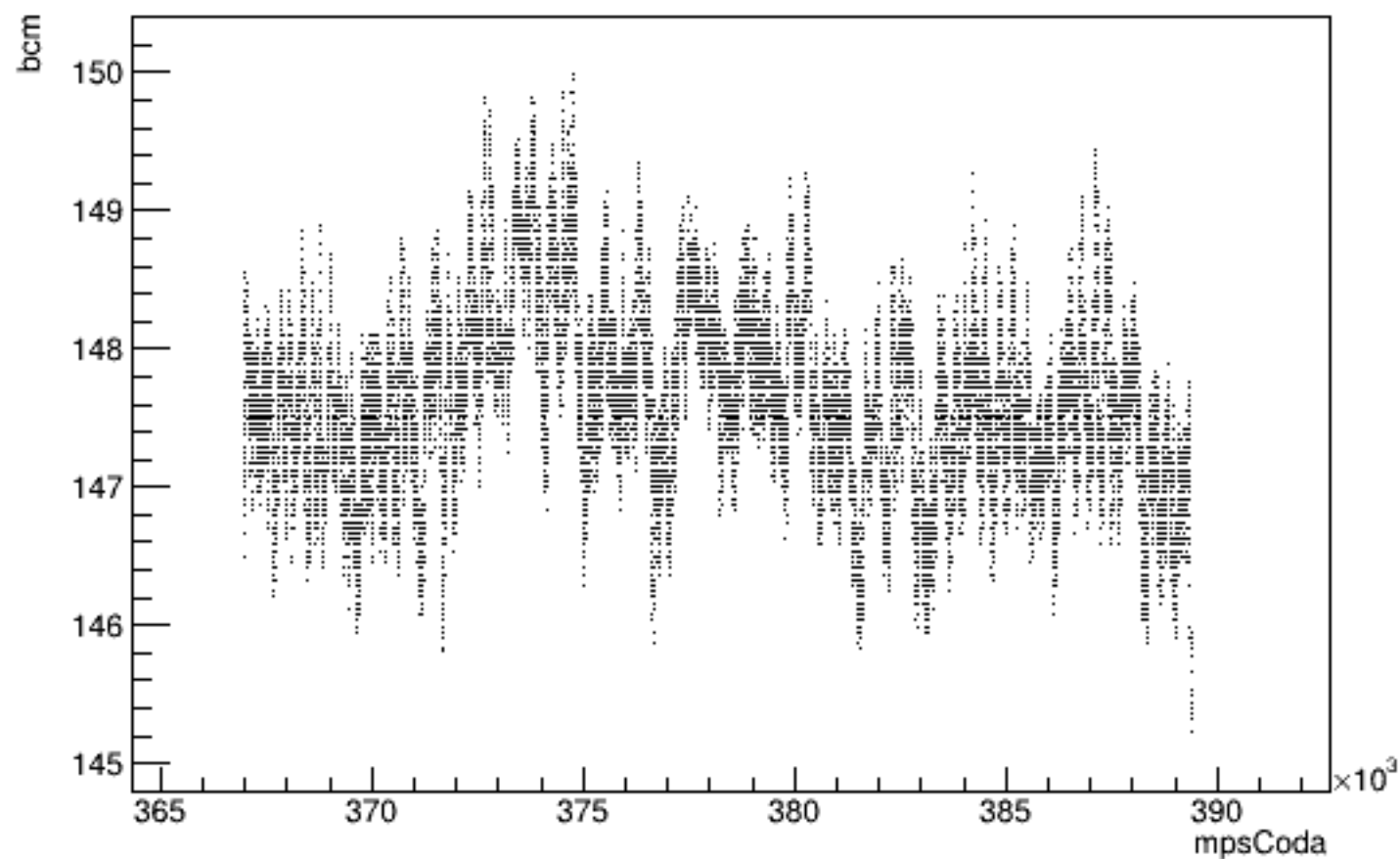
beamState + 1:mpsCoda {mpsCoda>=366967 && mpsCoda<=389386}



cavPowerCalibrated:mpsCoda {mpsCoda>=366967 && mpsCoda<=389386}



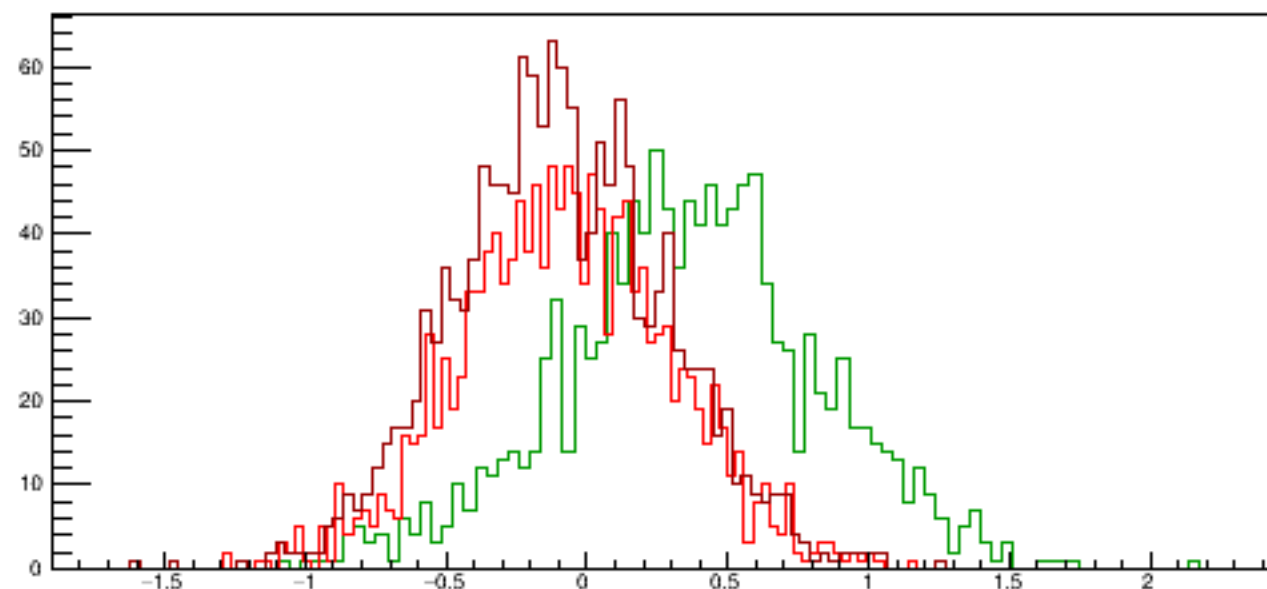
bcm:mpsCoda {mpsCoda>=366967 && mpsCoda<=389386}



Cycle 17, Diffs

Entries: 1414	Entries: 1220	Entries: 1484
Mean: -0.0744 +/- 0.0100	Mean: 0.3639 +/- 0.0133	Mean: -0.0962 +/- 0.0098
Std Dev: 0.3761 +/- 0.0071	Std Dev: 0.4638 +/- 0.0094	Std Dev: 0.3788 +/- 0.0070

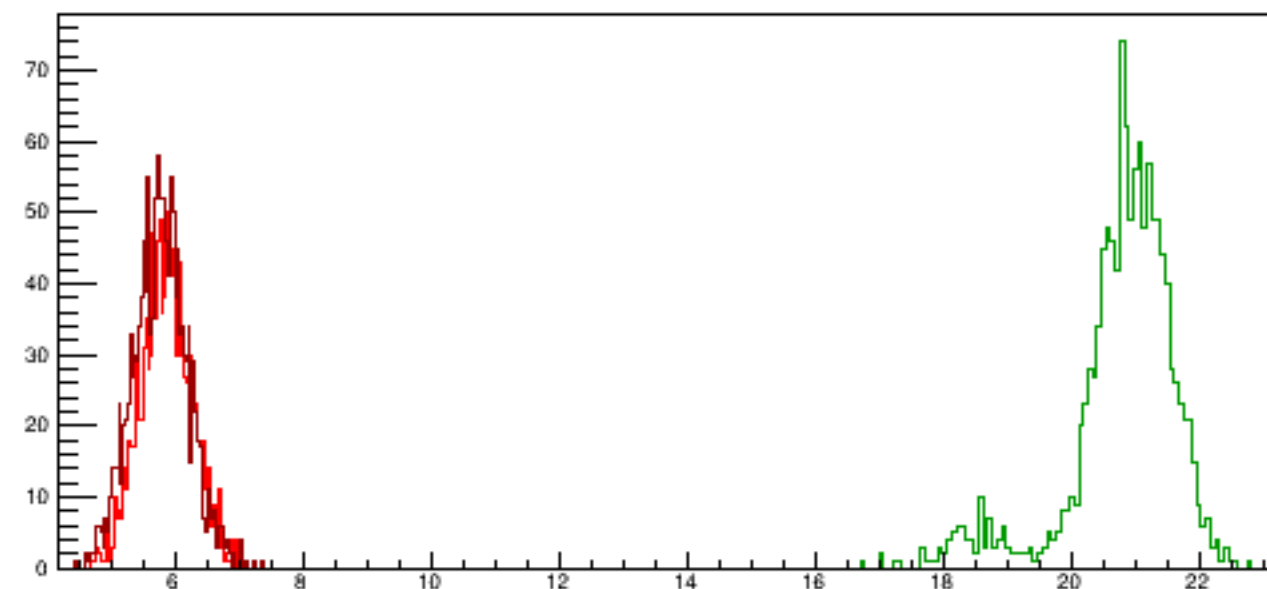
Run 6211 quartetwise, Diffs



Cycle 17, Sums

Entries: 1414	Entries: 1220	Entries: 1484
Mean: 5.8486 +/- 0.0106	Mean: 20.7812 +/- 0.0246	Mean: 5.7478 +/- 0.0110
Std Dev: 0.3998 +/- 0.0075	Std Dev: 0.8607 +/- 0.0174	Std Dev: 0.4231 +/- 0.0078

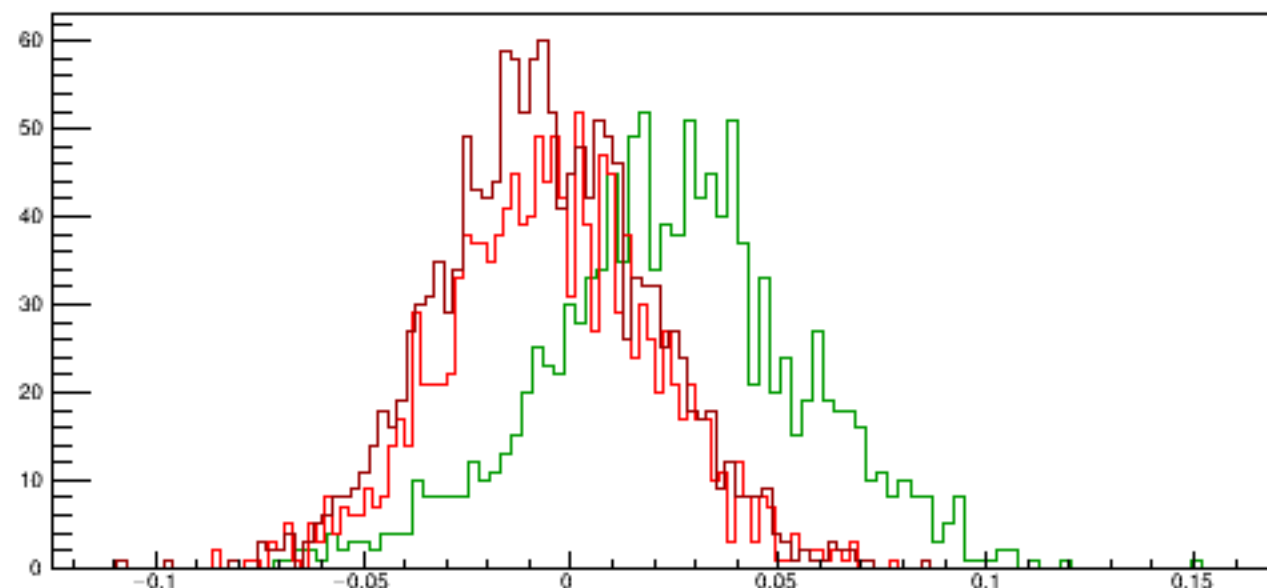
Run 6211 quartetwise, Sums



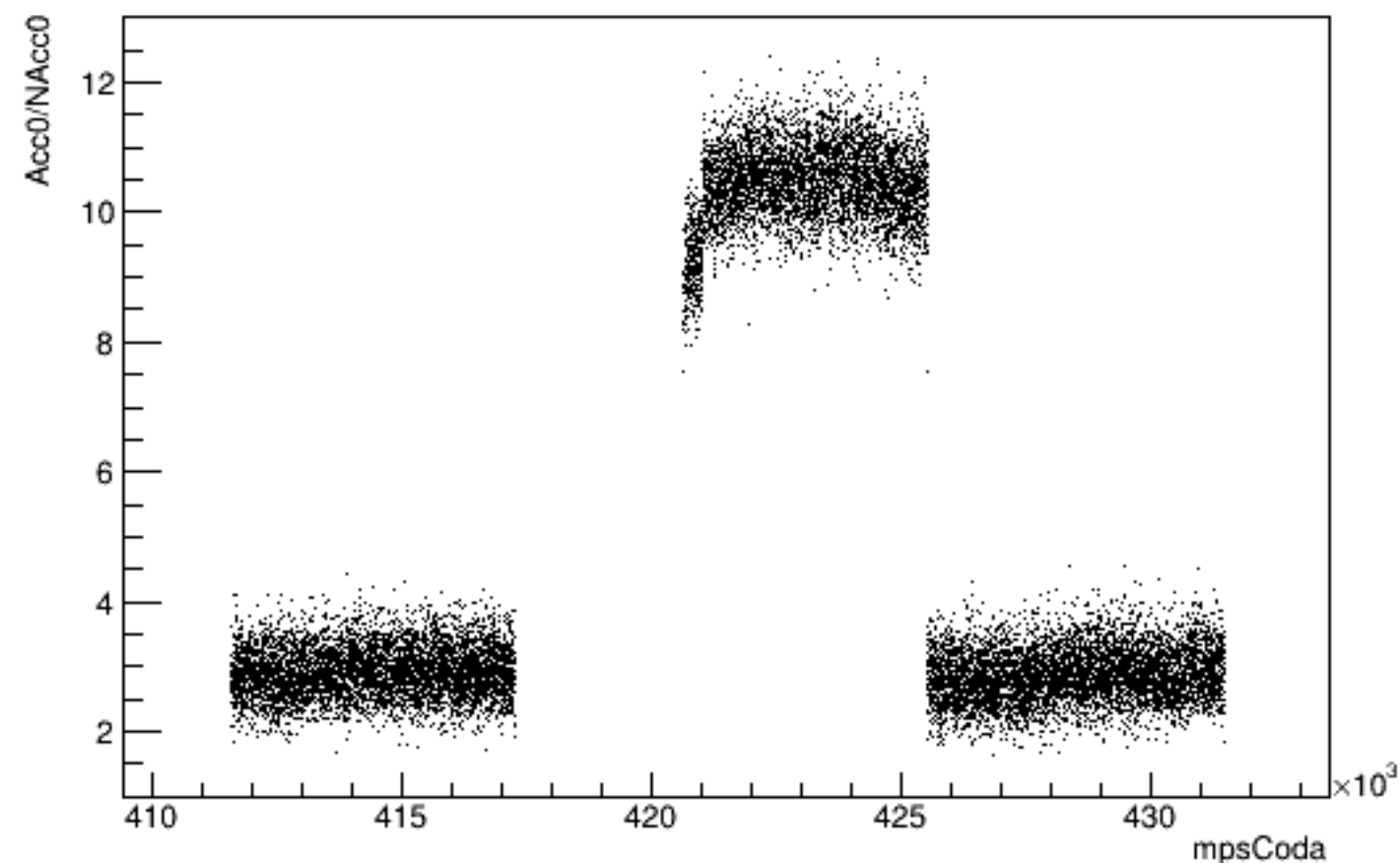
Cycle 17, Asyms

Entries: 1414	Entries: 1220	Entries: 1484
Mean: -0.0050 +/- 0.0007	Mean: 0.0244 +/- 0.0009	Mean: -0.0064 +/- 0.0007
Std Dev: 0.0251 +/- 0.0005	Std Dev: 0.0311 +/- 0.0006	Std Dev: 0.0253 +/- 0.0005

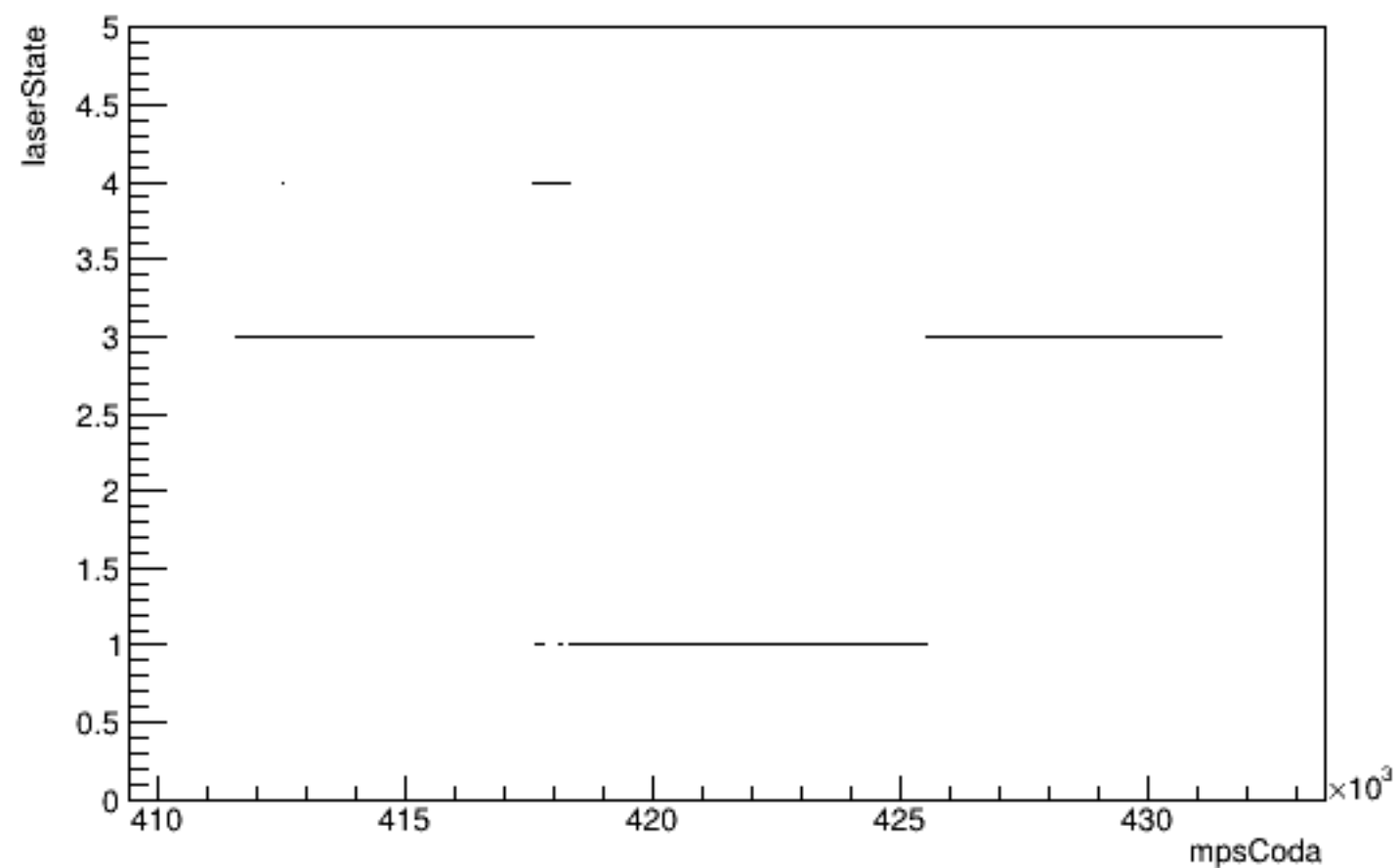
Run 6211 quartetwise, Asyms



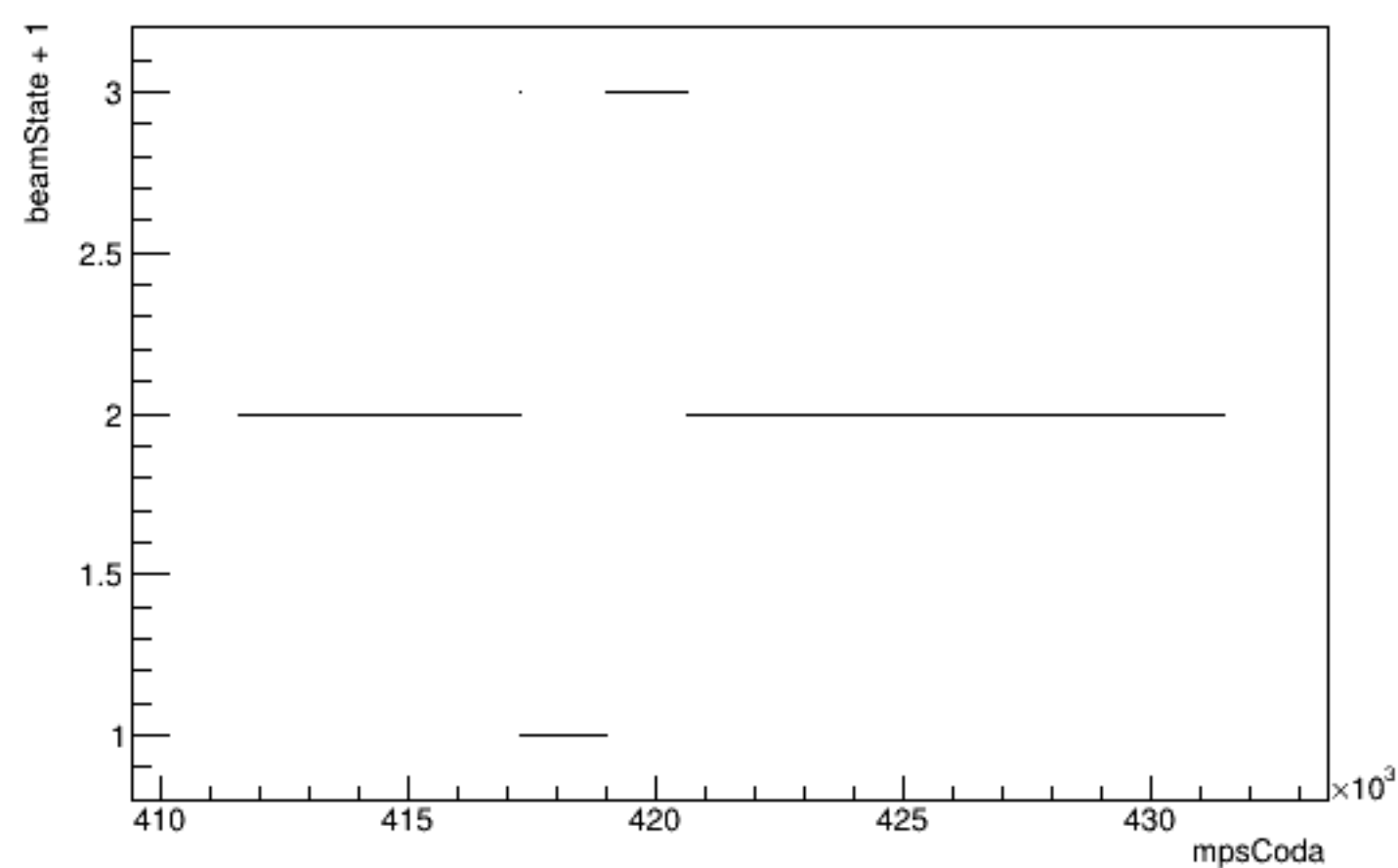
Acc0/NAcc0:mpsCoda (mpsCoda>=411599 && mpsCoda<=431462 && beamState==1)



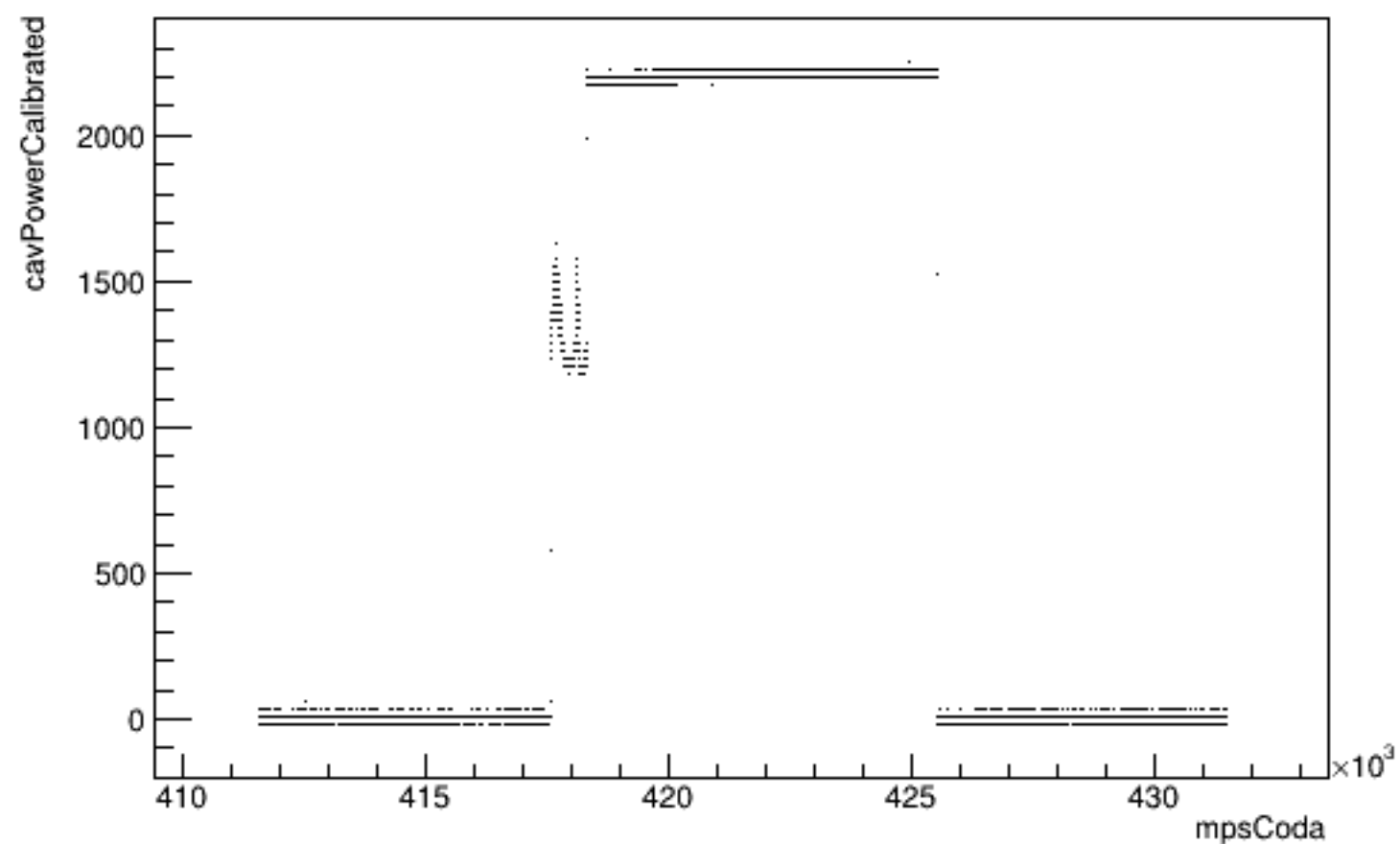
laserState:mpsCoda {mpsCoda>=411599 && mpsCoda<=431462}



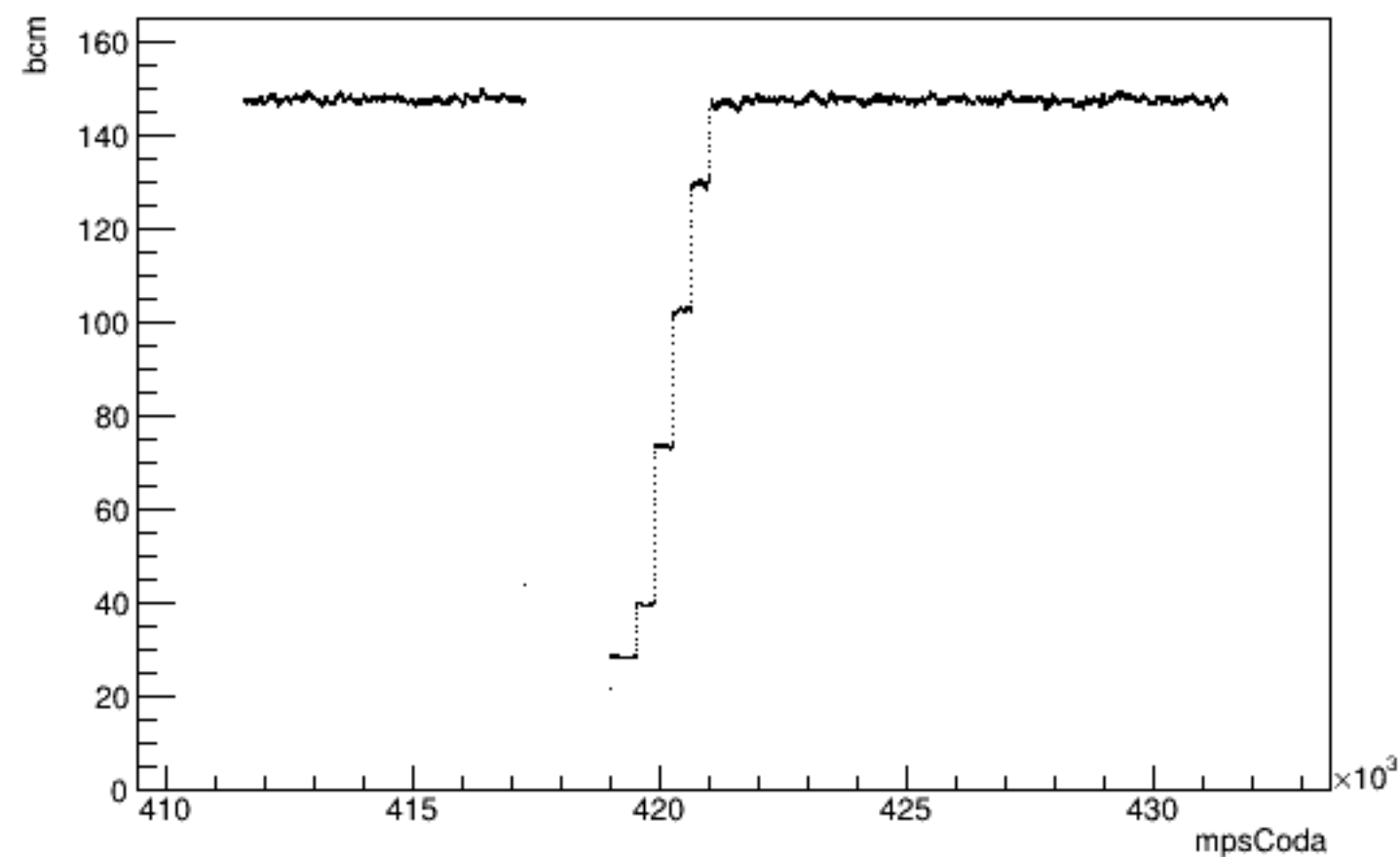
beamState + 1:mpsCoda {mpsCoda>=411599 && mpsCoda<=431462}



cavPowerCalibrated:mpsCoda {mpsCoda>=411599 && mpsCoda<=431462}



bcm:mpsCoda {mpsCoda>=411599 && mpsCoda<=431462}



Cycle 18, Diffs

Entries: 1484

Mean: -0.0962 +/- 0.0098

Std Dev: 0.3788 +/- 0.0070

Entries: 832

Mean: 0.3825 +/- 0.0155

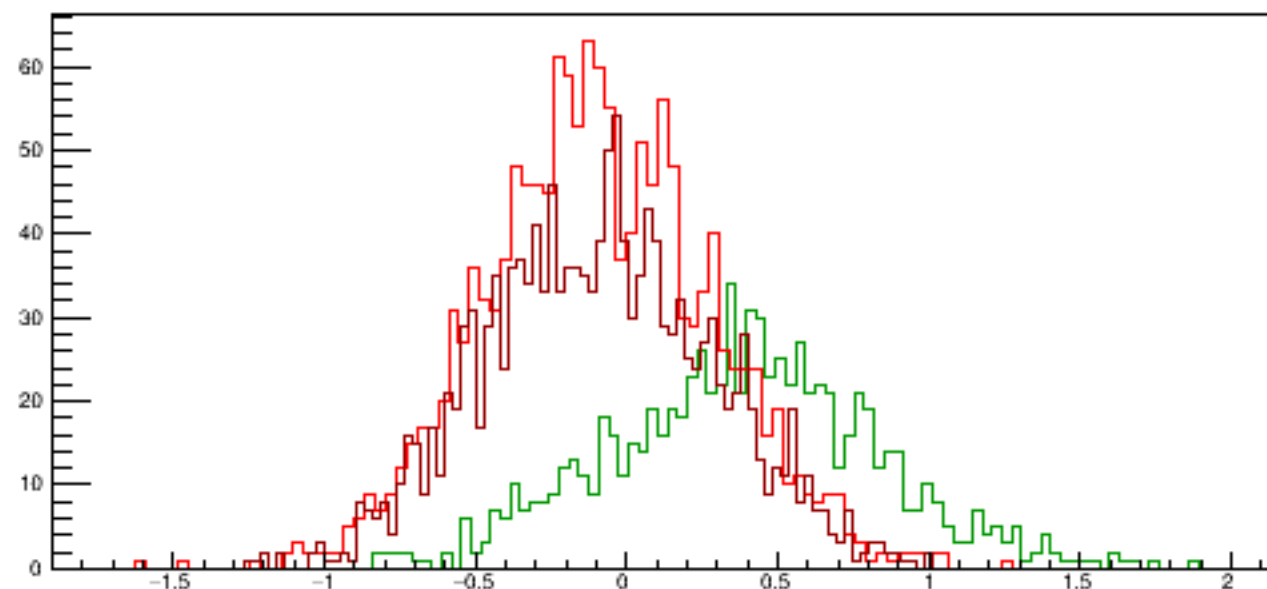
Std Dev: 0.4484 +/- 0.0110

Entries: 1493

Mean: -0.0924 +/- 0.0098

Std Dev: 0.3797 +/- 0.0069

Run 6211 quartetwise, Diffs



Cycle 18, Sums

Entries: 1484

Mean: 5.7478 +/- 0.0110

Std Dev: 0.4231 +/- 0.0078

Entries: 832

Mean: 20.6298 +/- 0.0340

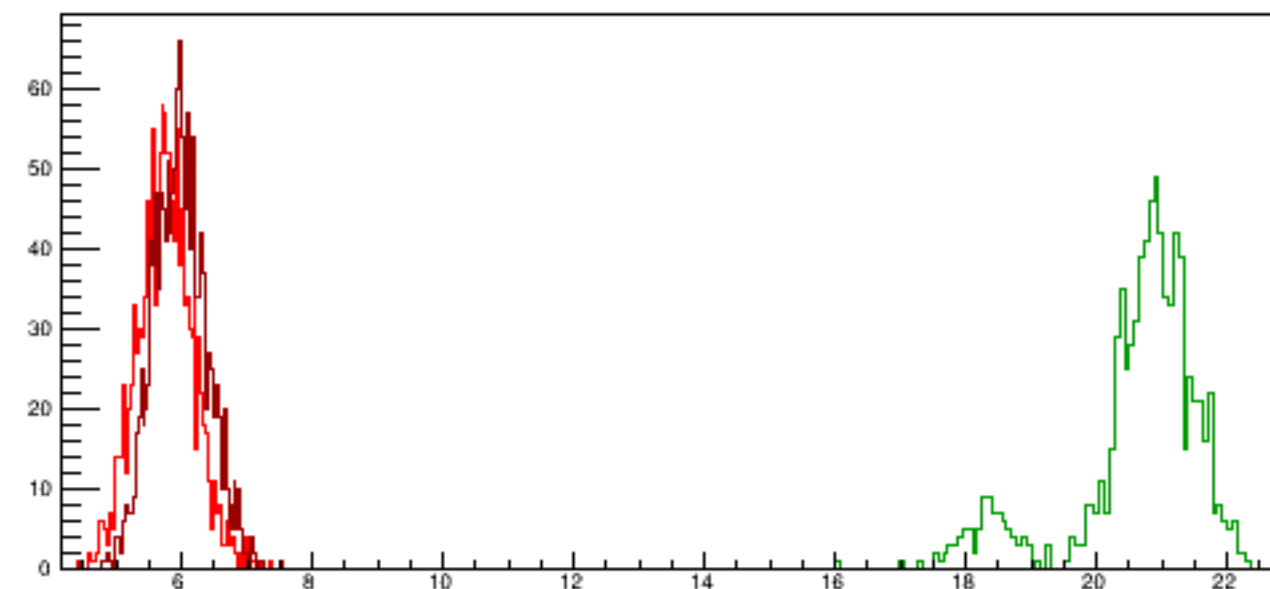
Std Dev: 0.9808 +/- 0.0240

Entries: 1493

Mean: 5.9739 +/- 0.0106

Std Dev: 0.4104 +/- 0.0075

Run 6211 quartetwise, Sums



Cycle 18, Asyms

Entries: 1484

Mean: -0.0065 +/- 0.0007

Std Dev: 0.0256 +/- 0.0005

Entries: 832

Mean: 0.0259 +/- 0.0010

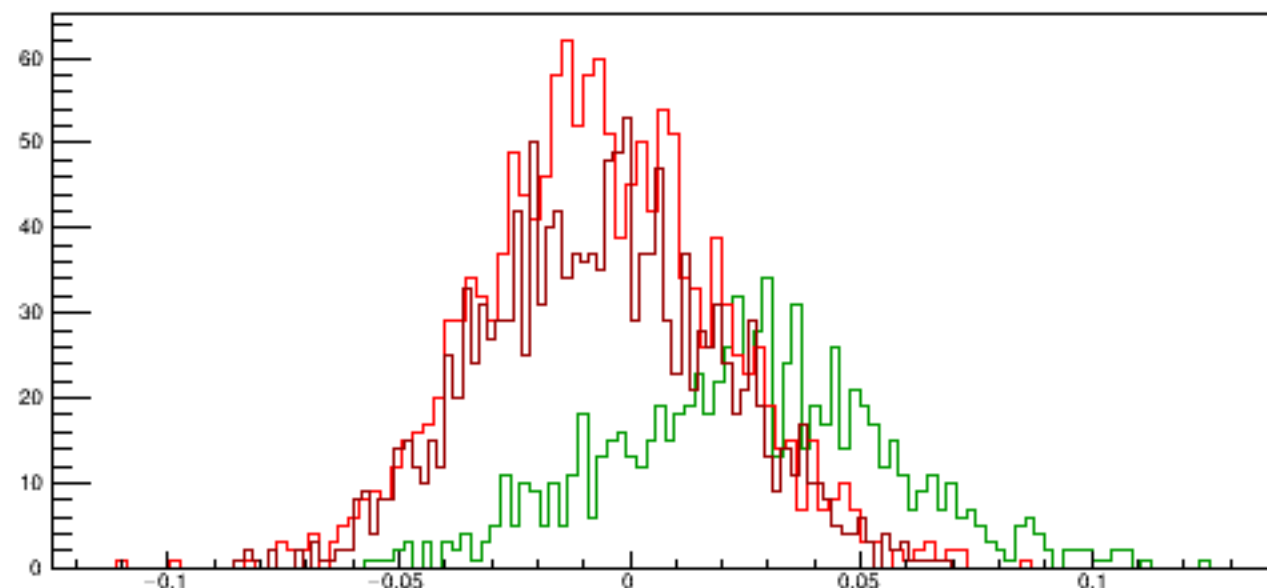
Std Dev: 0.0302 +/- 0.0007

Entries: 1493

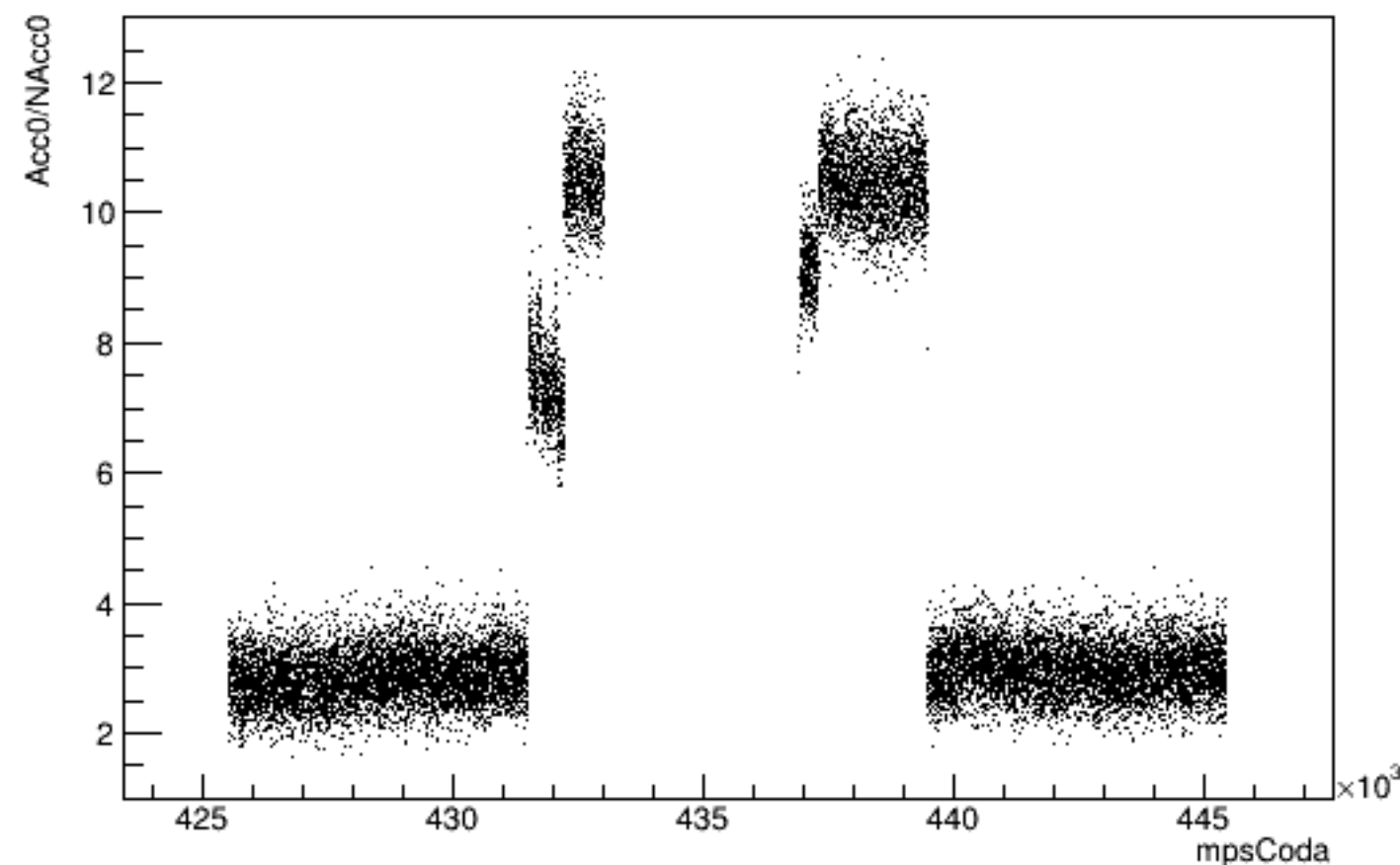
Mean: -0.0063 +/- 0.0007

Std Dev: 0.0257 +/- 0.0005

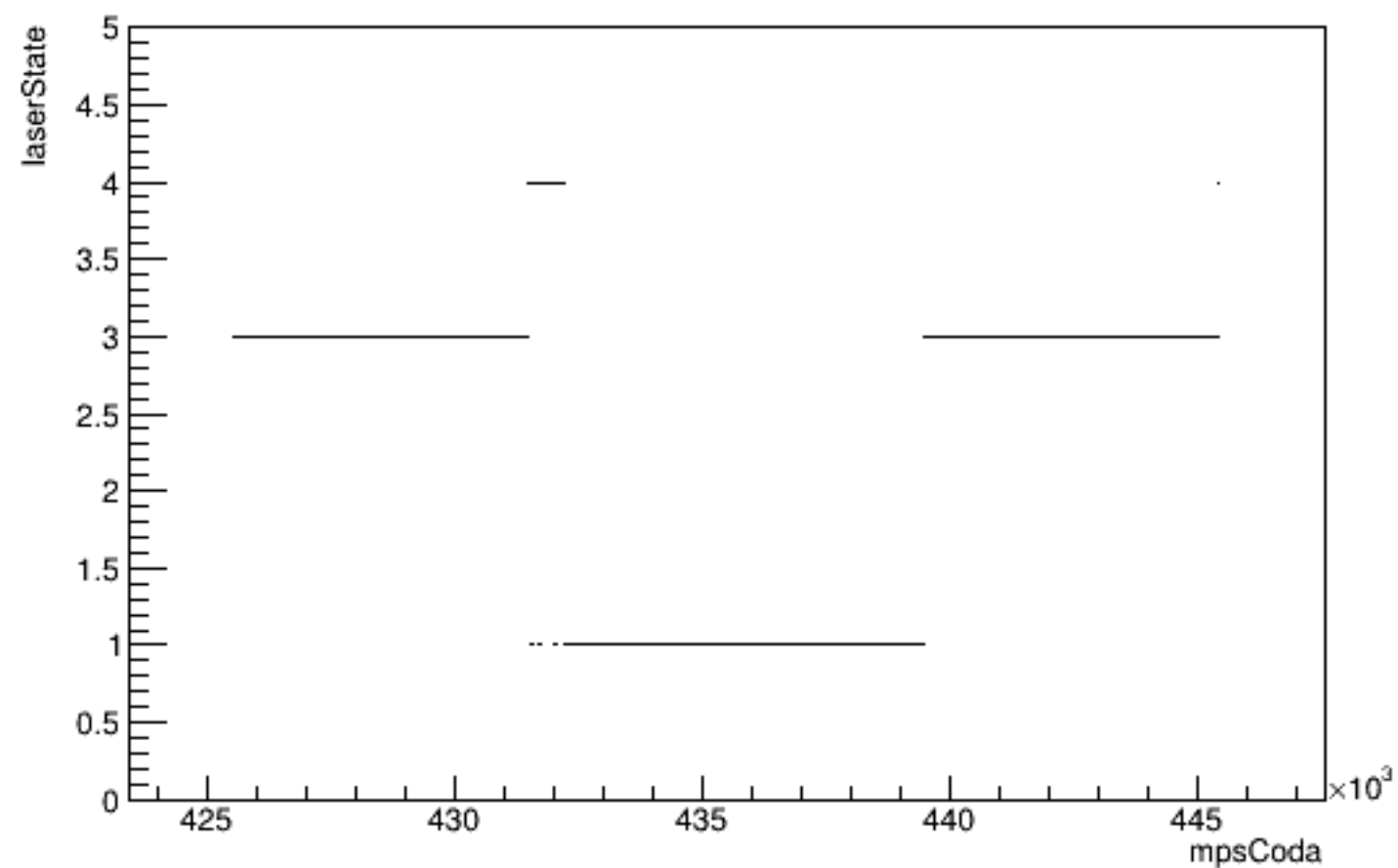
Run 6211 quartetwise, Asyms



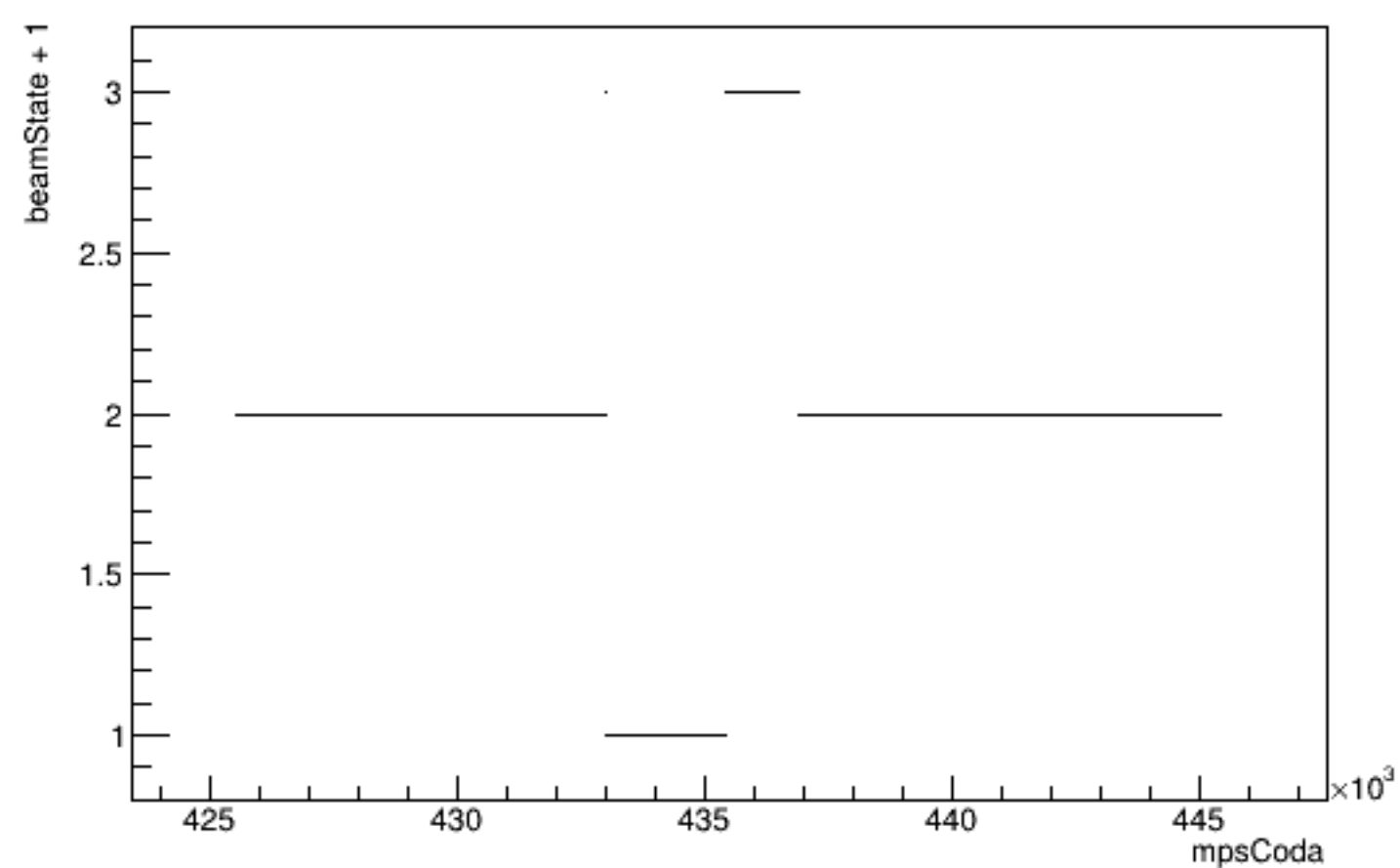
Acc0/NAcc0:mpsCoda (mpsCoda>=425527 && mpsCoda<=445438 && beamState==1)



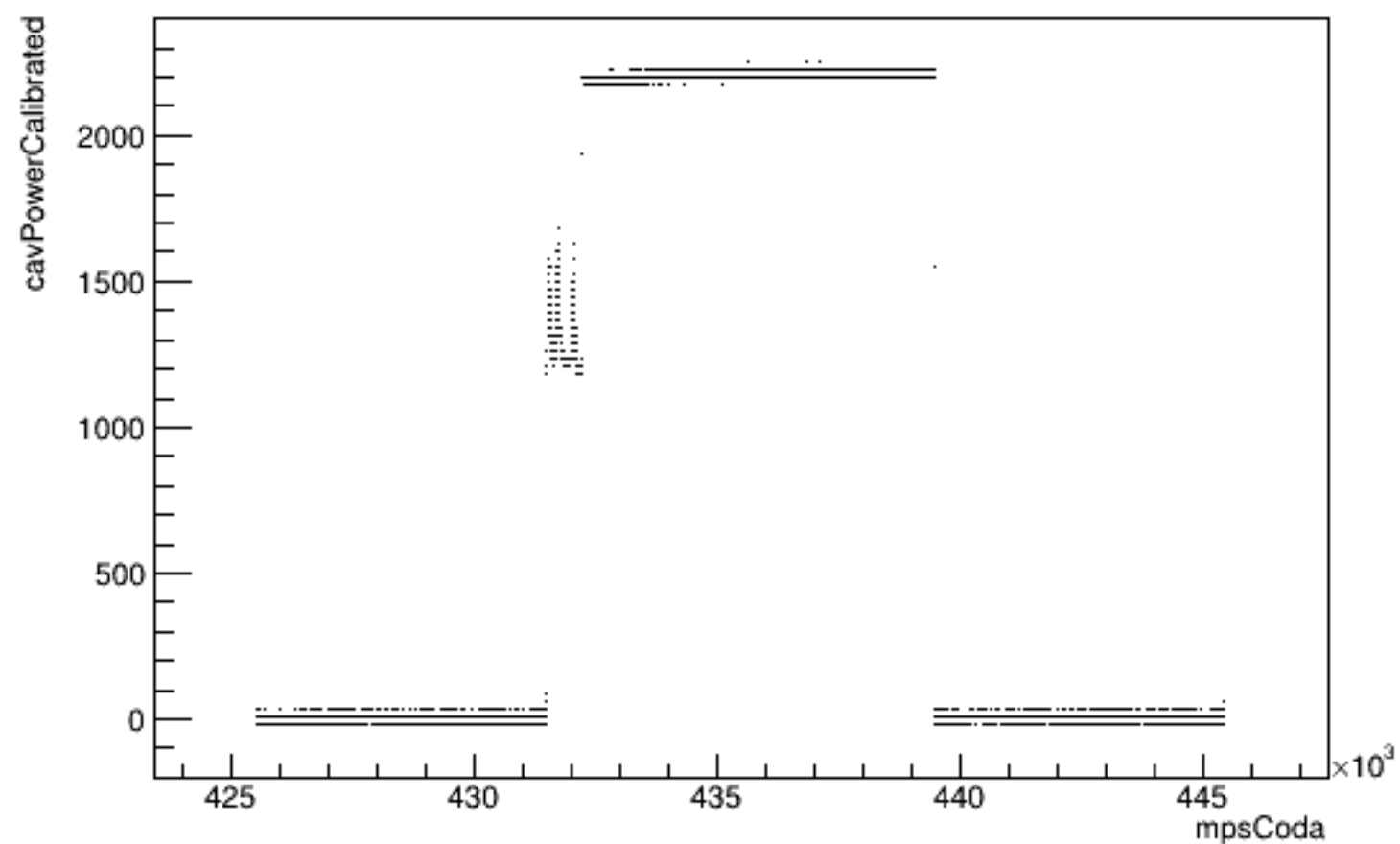
laserState:mpsCoda {mpsCoda>=425527 && mpsCoda<=445438}



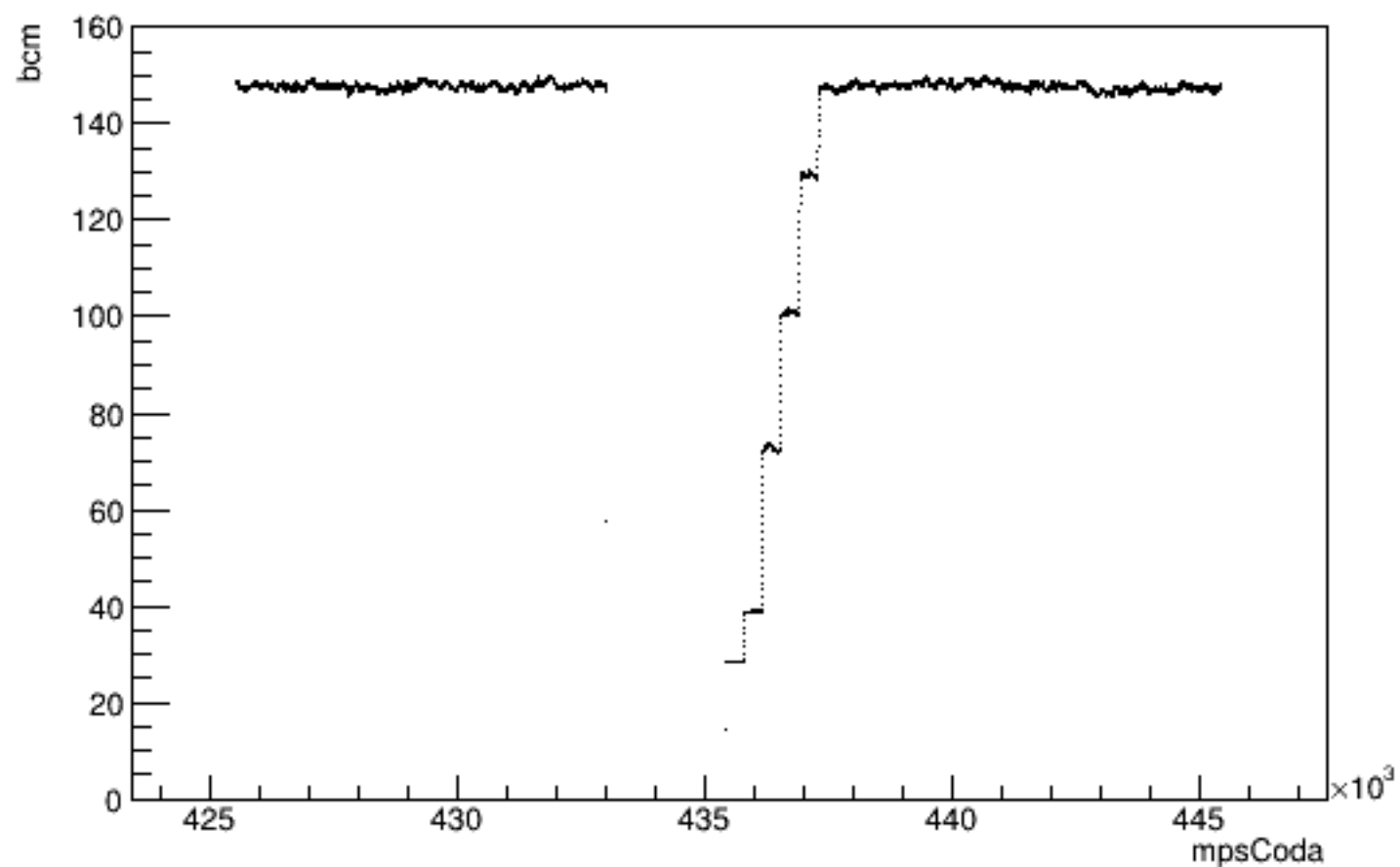
beamState + 1:mpsCoda {mpsCoda>=425527 && mpsCoda<=445438}



cavPowerCalibrated:mpsCoda {mpsCoda>=425527 && mpsCoda<=445438}



bcm:mpsCoda {mpsCoda>=425527 && mpsCoda<=445438}



Cycle 19, Diffs

Entries: 1493

Mean: -0.0924 +/- 0.0098

Std Dev: 0.3797 +/- 0.0069

Entries: 1078

Mean: 0.3941 +/- 0.0142

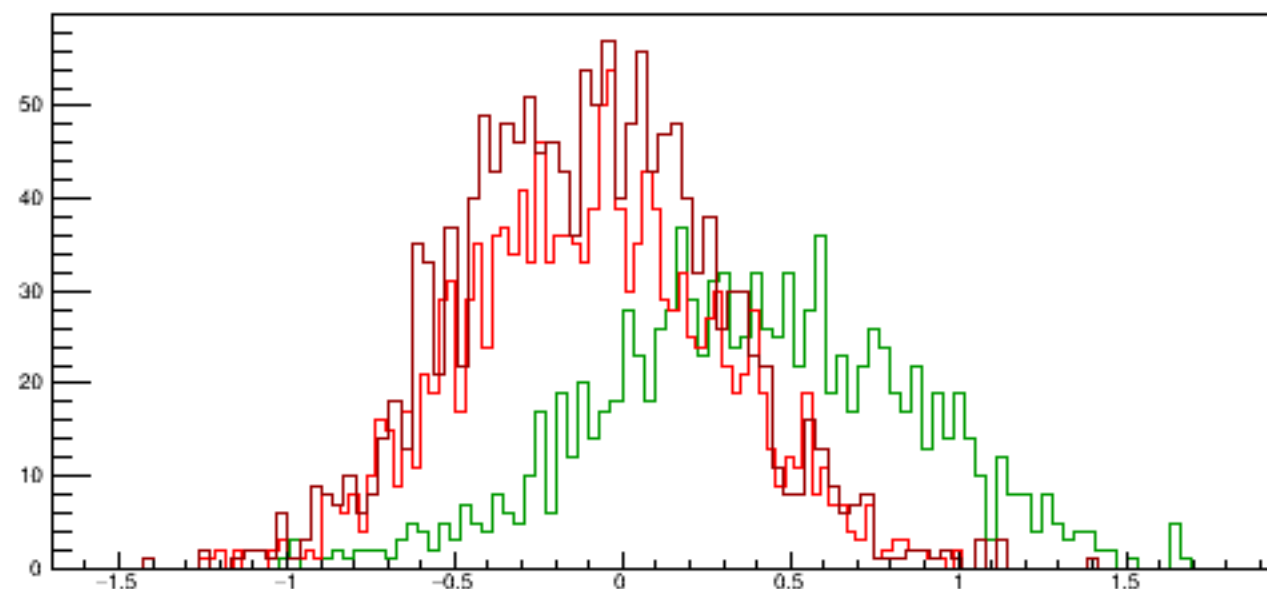
Std Dev: 0.4674 +/- 0.0101

Entries: 1495

Mean: -0.1035 +/- 0.0100

Std Dev: 0.3850 +/- 0.0070

Run 6211 quartetwise, Diffs



Cycle 19, Sums

Entries: 1493

Mean: 5.9739 +/- 0.0106

Std Dev: 0.4104 +/- 0.0075

Entries: 1078

Mean: 21.1634 +/- 0.0270

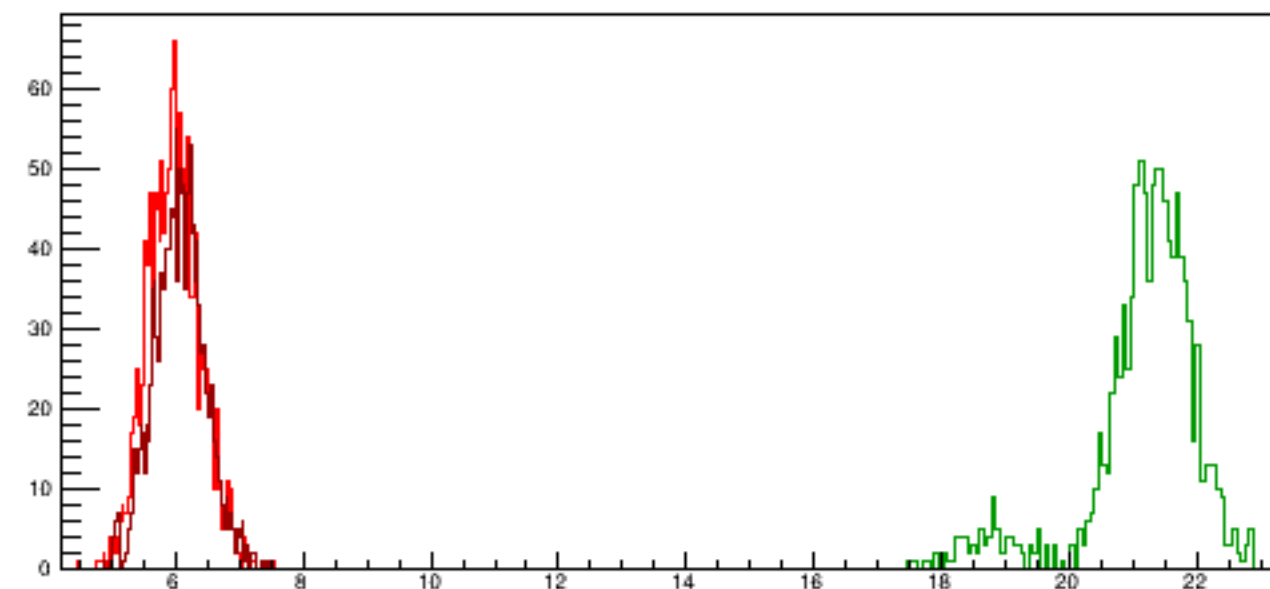
Std Dev: 0.8865 +/- 0.0191

Entries: 1495

Mean: 6.0635 +/- 0.0102

Std Dev: 0.3955 +/- 0.0072

Run 6211 quartetwise, Sums



Cycle 19, Asyms

Entries: 1493

Mean: -0.0061 +/- 0.0006

Std Dev: 0.0251 +/- 0.0005

Entries: 1078

Mean: 0.0261 +/- 0.0009

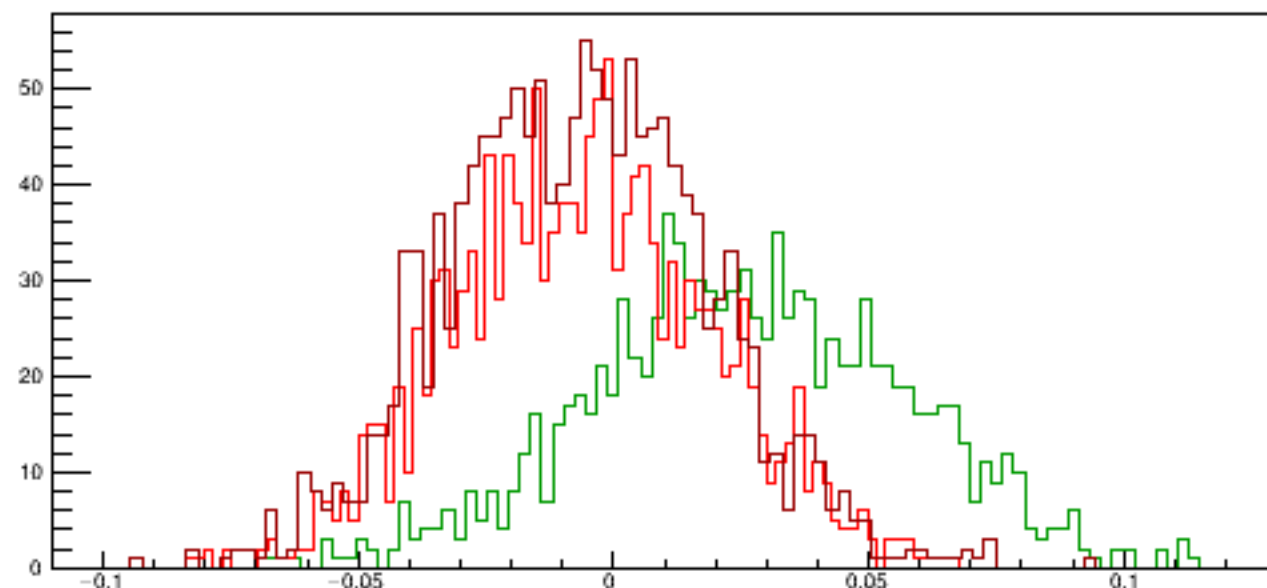
Std Dev: 0.0309 +/- 0.0007

Entries: 1495

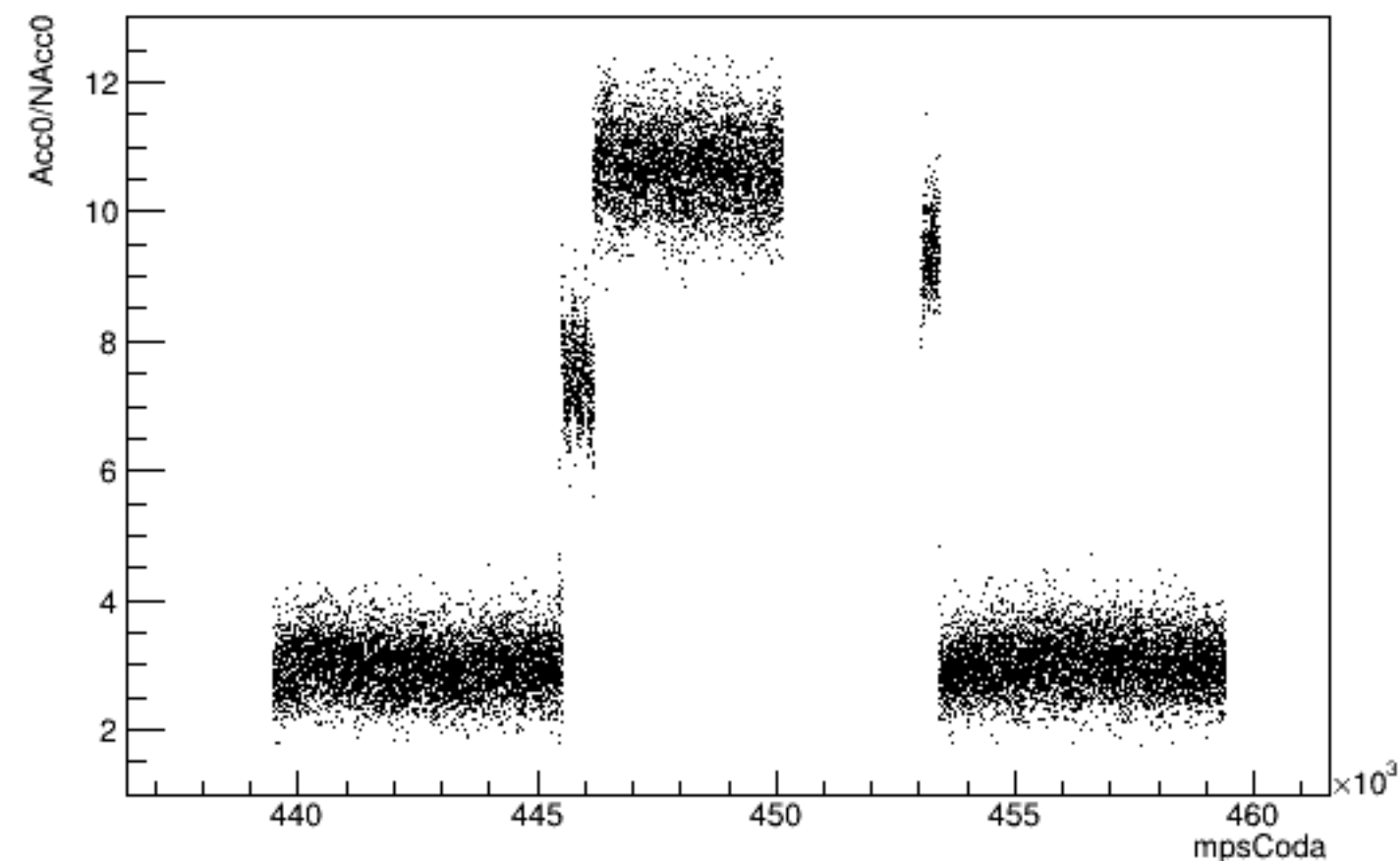
Mean: -0.0068 +/- 0.0007

Std Dev: 0.0254 +/- 0.0005

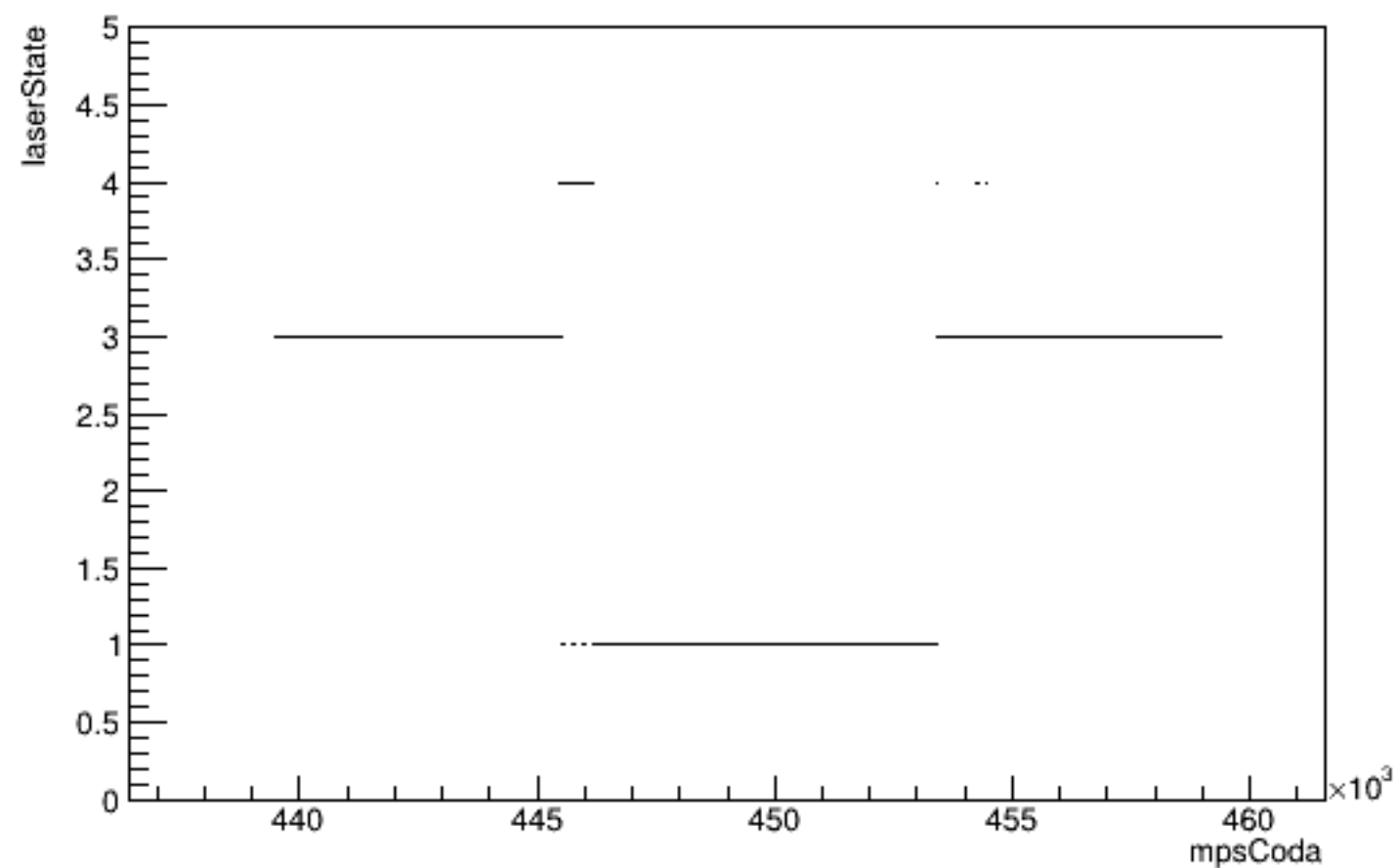
Run 6211 quartetwise, Asyms



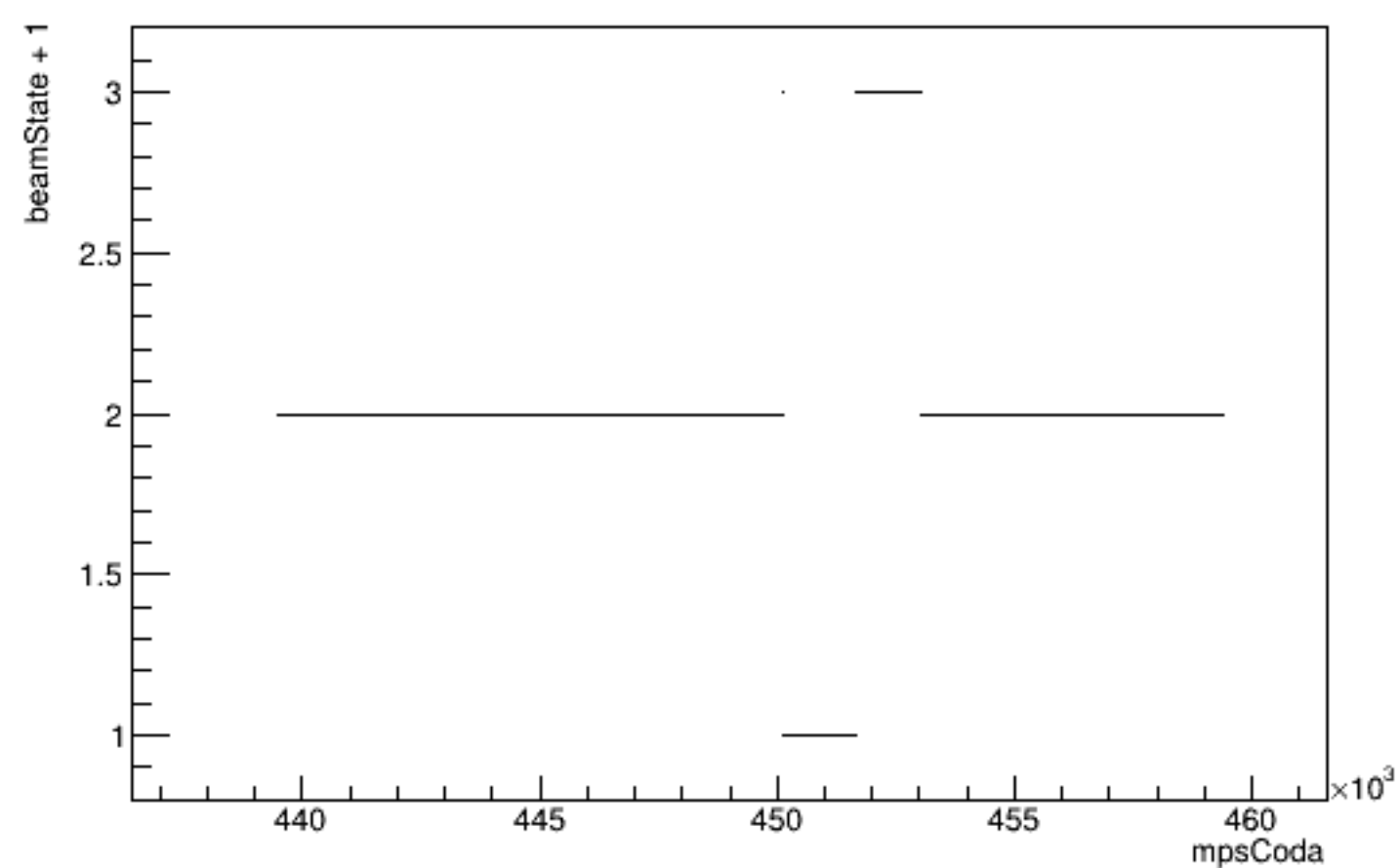
Acc0/NAcc0:mpsCoda (mpsCoda>=439463 && mpsCoda<=459410 && beamState==1)



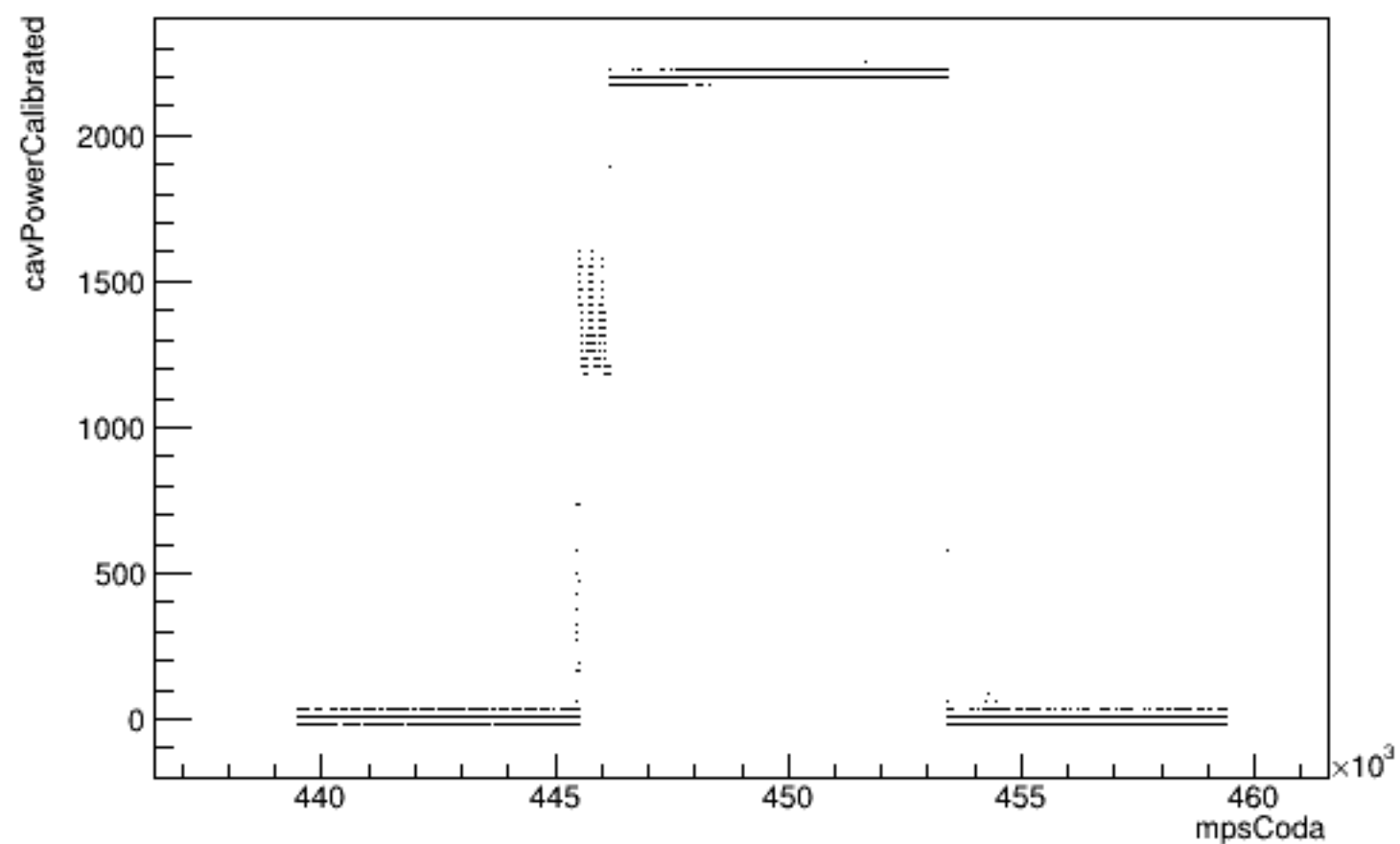
laserState:mpsCoda {mpsCoda>=439463 && mpsCoda<=459410}



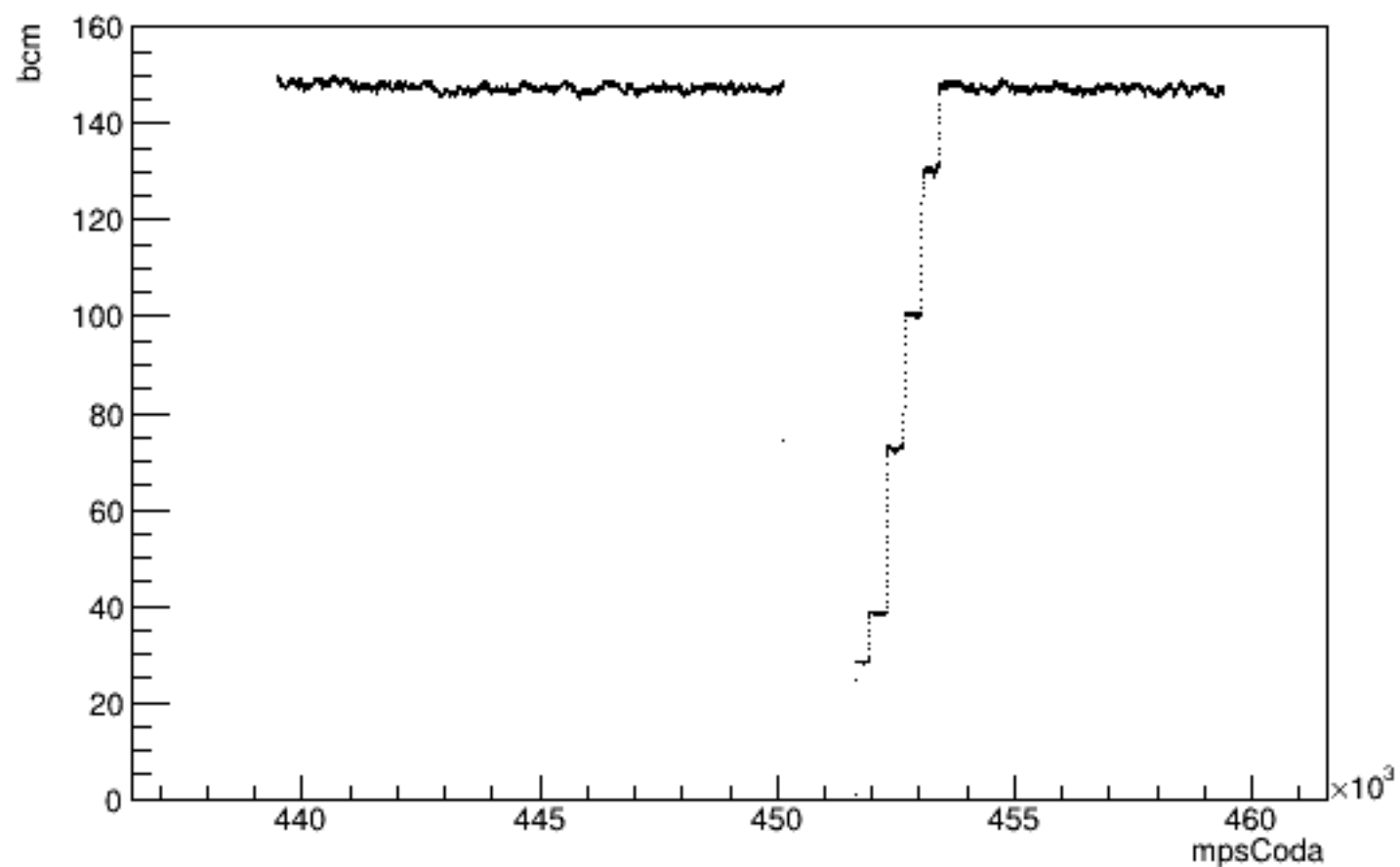
beamState + 1:mpsCoda {mpsCoda>=439463 && mpsCoda<=459410}



cavPowerCalibrated:mpsCoda {mpsCoda>=439463 && mpsCoda<=459410}



bcm:mpsCoda {mpsCoda>=439463 && mpsCoda<=459410}



Cycle 20, Diffs

Entries: 1495

Mean: -0.1035 +/- 0.0100

Std Dev: 0.3850 +/- 0.0070

Entries: 1808

Mean: 0.4030 +/- 0.0109

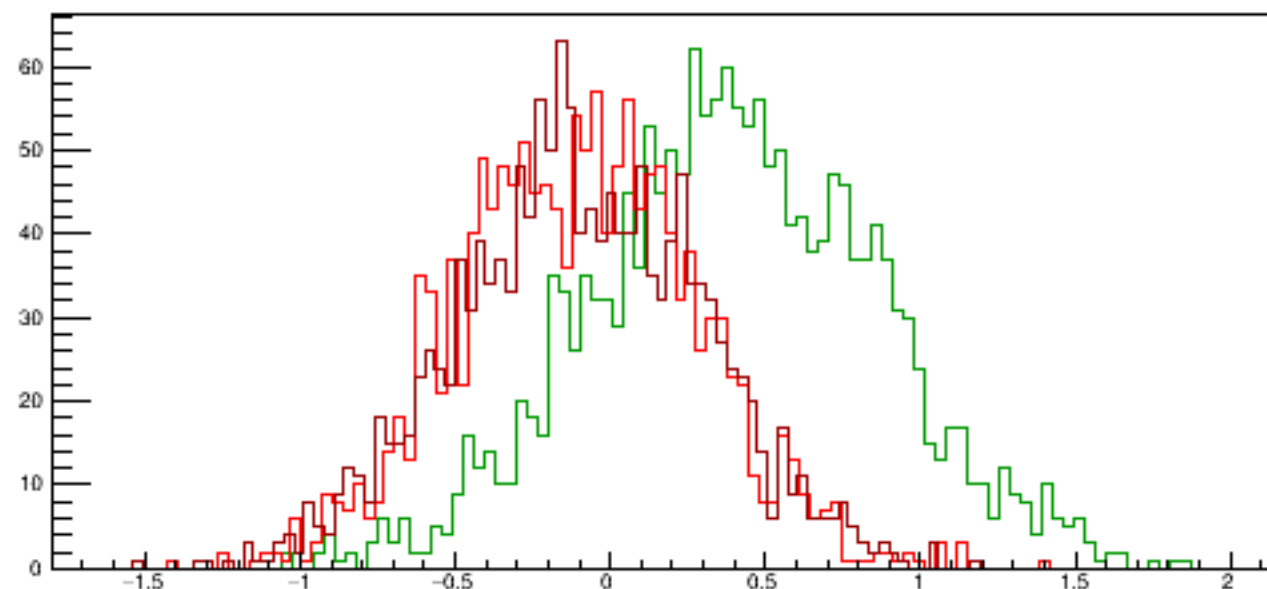
Std Dev: 0.4647 +/- 0.0077

Entries: 1504

Mean: -0.1000 +/- 0.0103

Std Dev: 0.3987 +/- 0.0073

Run 6211 quartetwise, Diffs



Cycle 20, Sums

Entries: 1495

Mean: 6.0635 +/- 0.0102

Std Dev: 0.3955 +/- 0.0072

Entries: 1808

Mean: 21.2664 +/- 0.0123

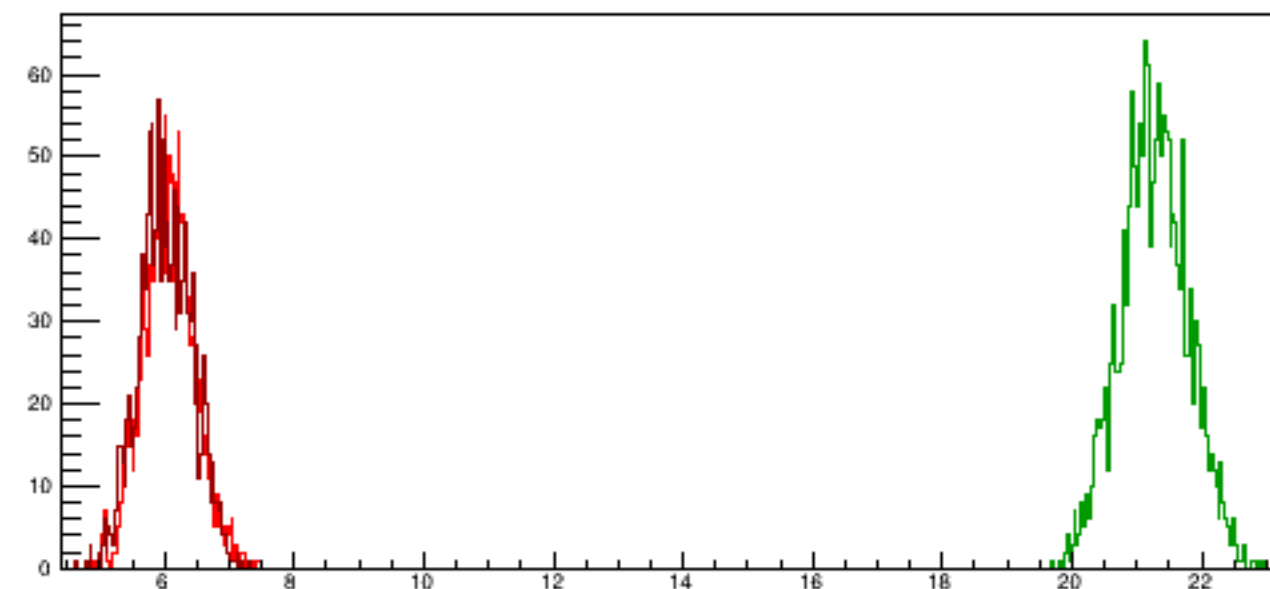
Std Dev: 0.5215 +/- 0.0087

Entries: 1504

Mean: 6.0189 +/- 0.0104

Std Dev: 0.4047 +/- 0.0074

Run 6211 quartetwise, Sums



Cycle 20, Asyms

Entries: 1495

Mean: -0.0068 +/- 0.0007

Std Dev: 0.0253 +/- 0.0005

Entries: 1808

Mean: 0.0265 +/- 0.0007

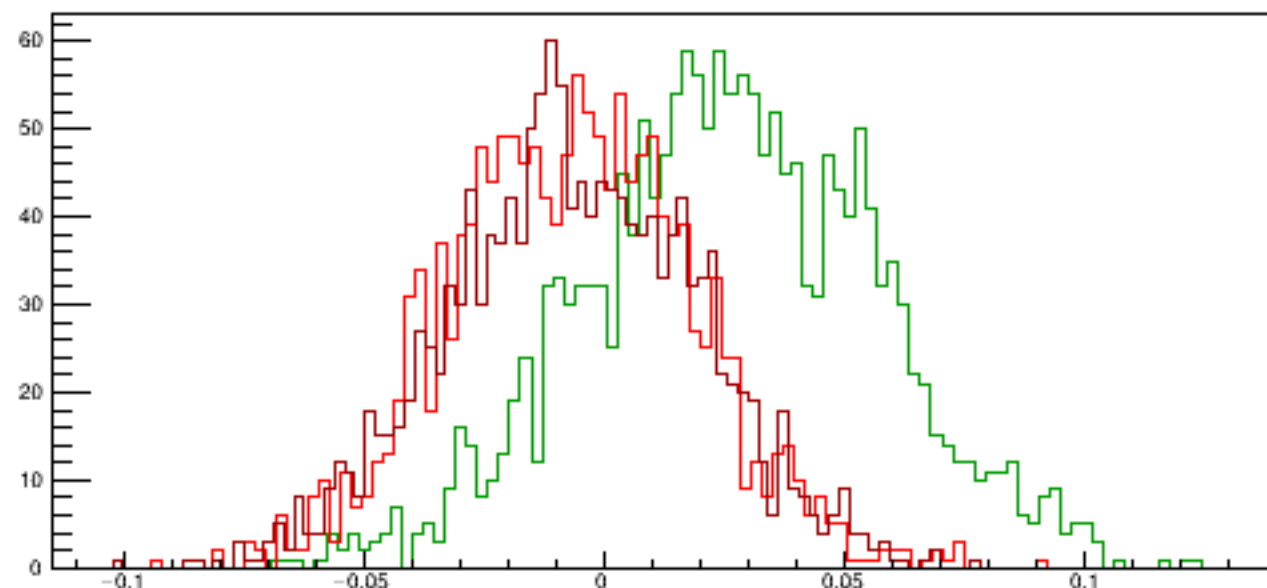
Std Dev: 0.0305 +/- 0.0005

Entries: 1504

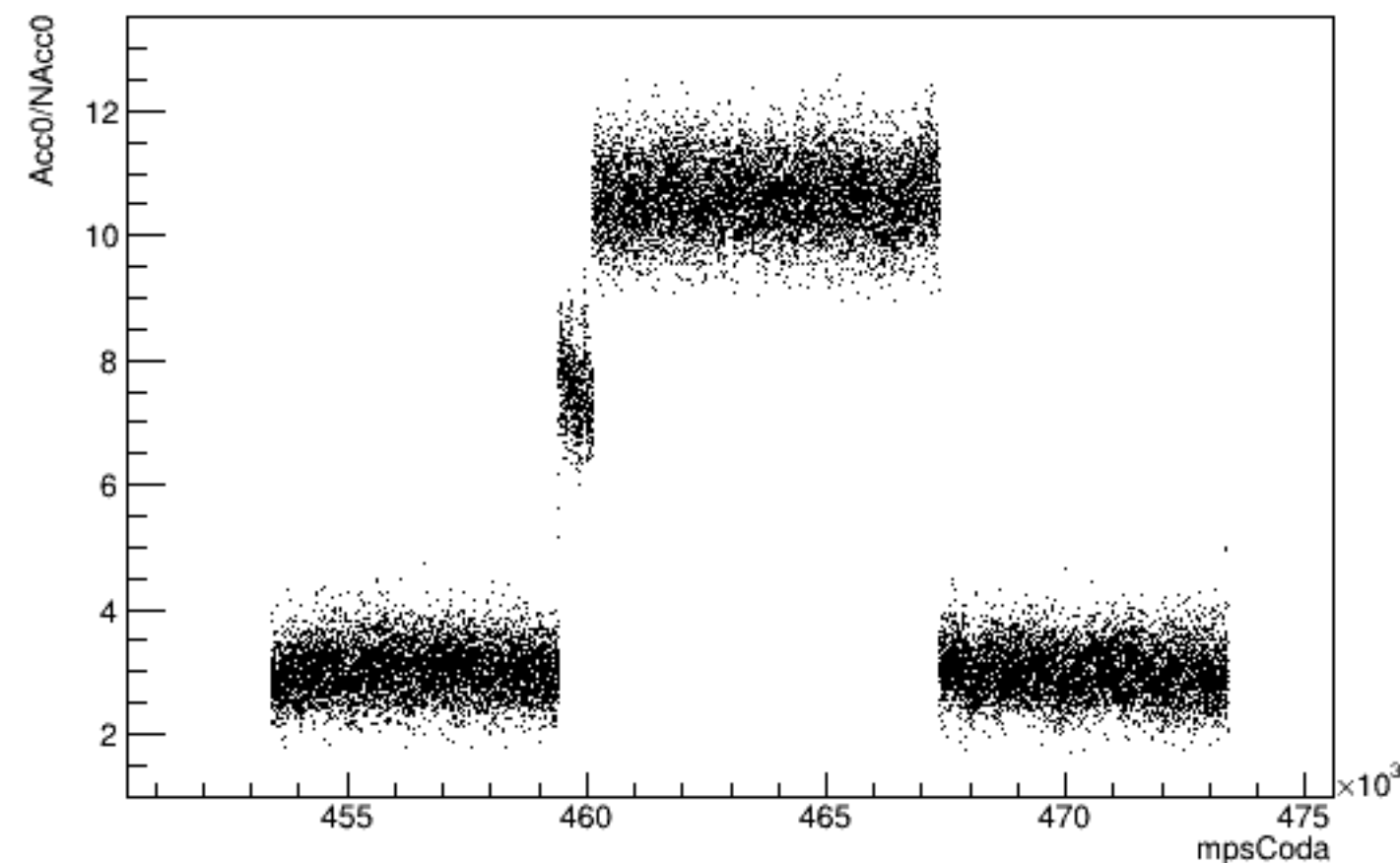
Mean: -0.0066 +/- 0.0007

Std Dev: 0.0262 +/- 0.0005

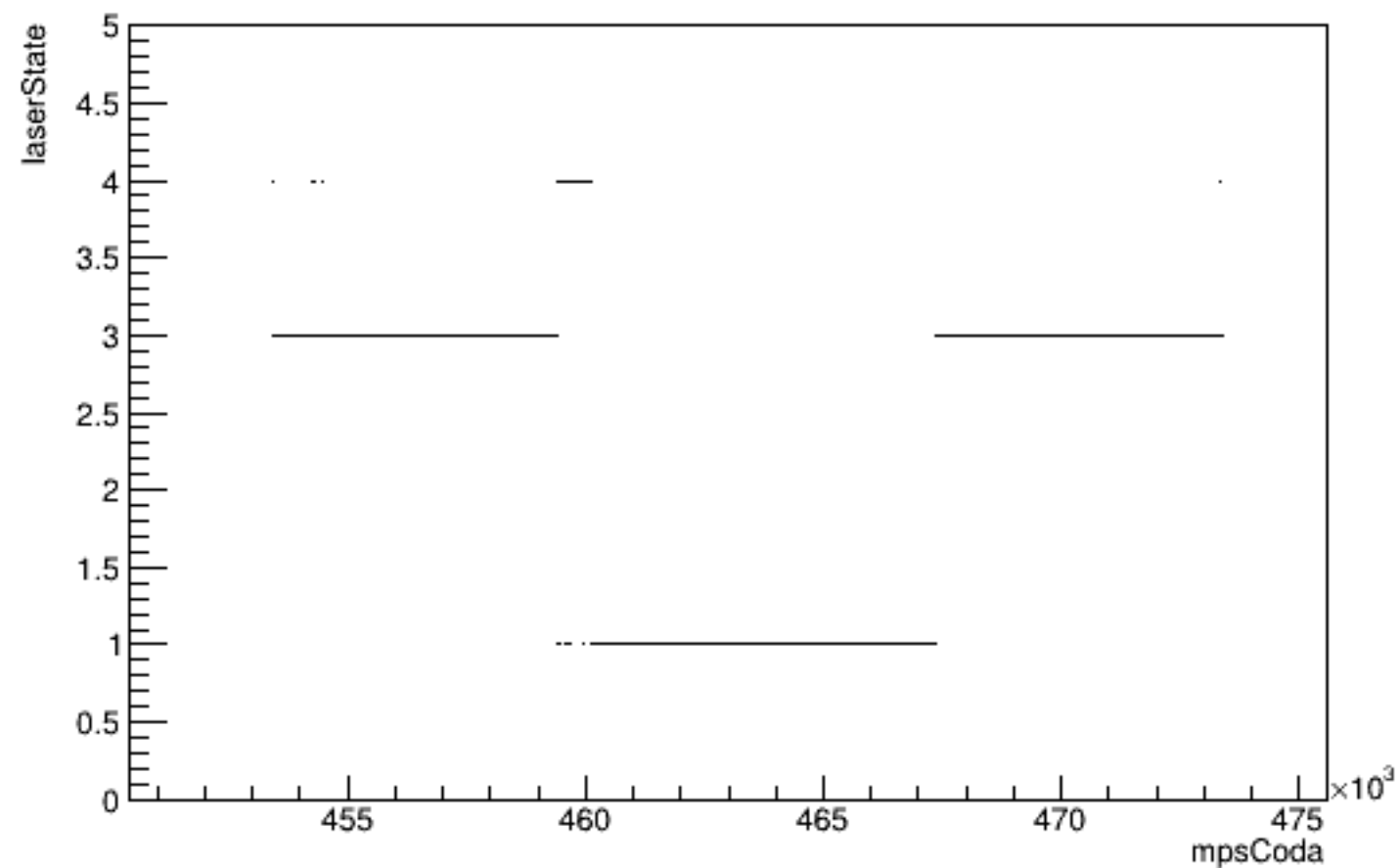
Run 6211 quartetwise, Asyms



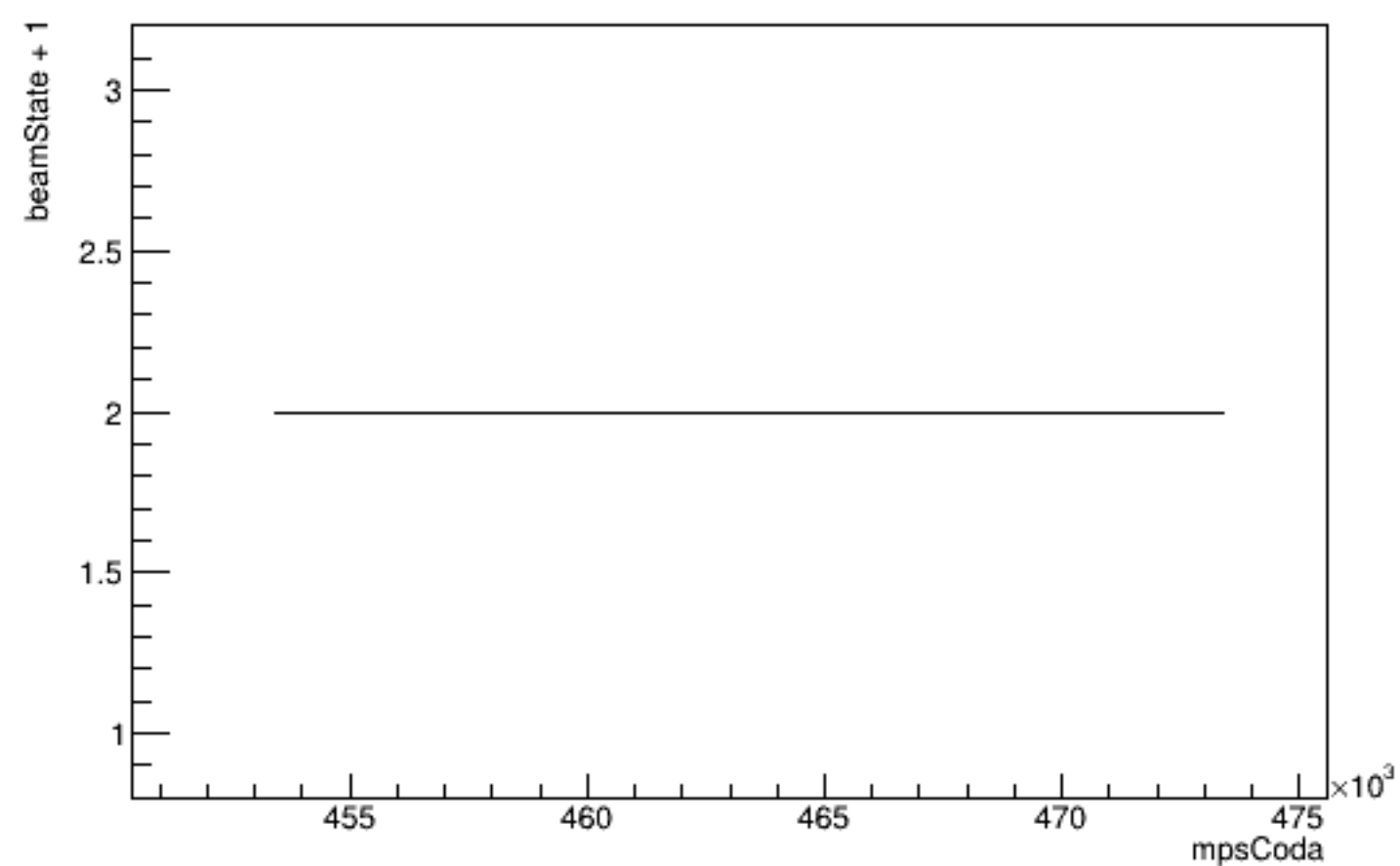
Acc0/NAcc0:mpsCoda (mpsCoda>=453415 && mpsCoda<=473382 && beamState==1)



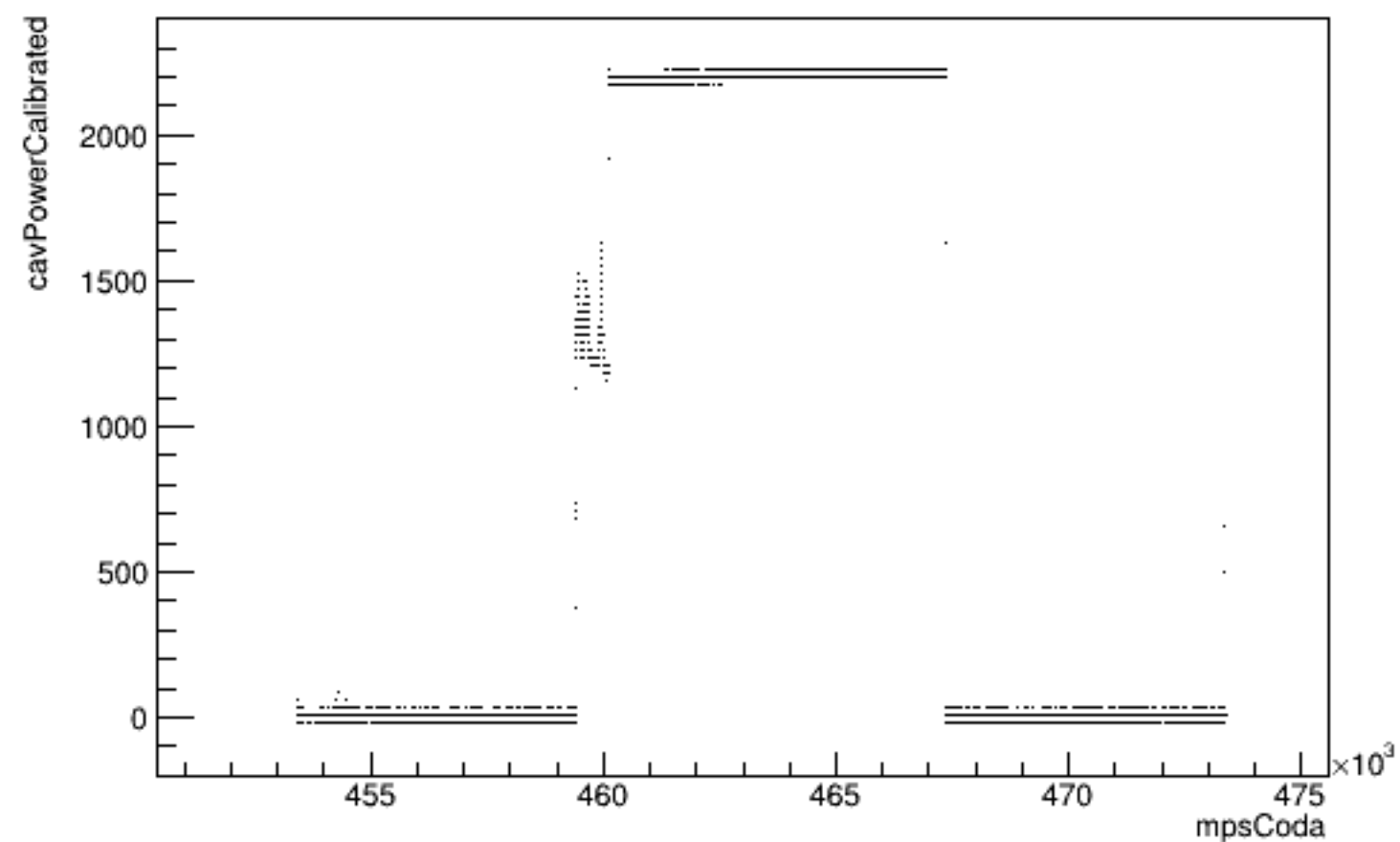
laserState:mpsCoda {mpsCoda>=453415 && mpsCoda<=473382}



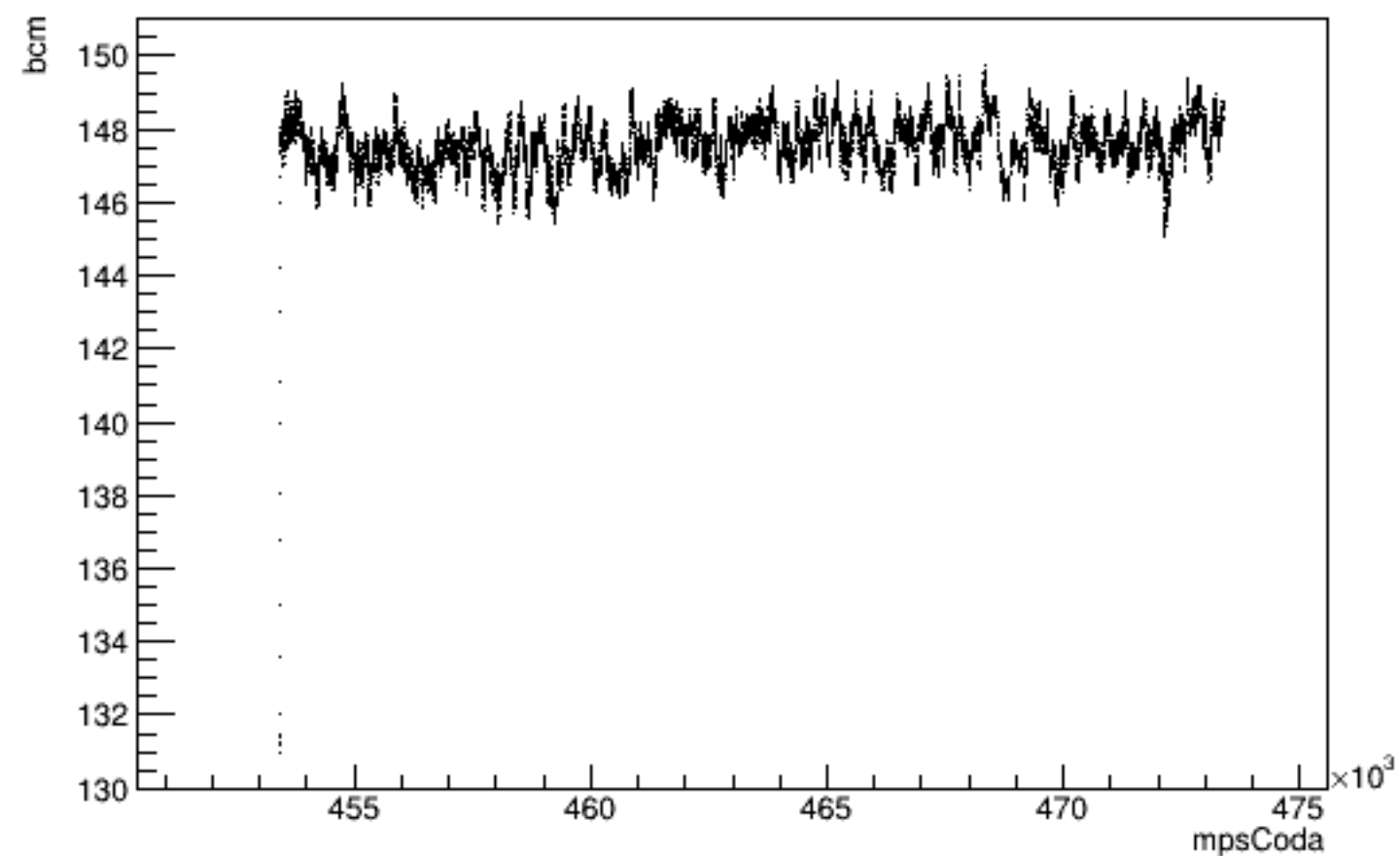
beamState + 1:mpsCoda {mpsCoda>=453415 && mpsCoda<=473382}



cavPowerCalibrated:mpsCoda {mpsCoda>=453415 && mpsCoda<=473382}



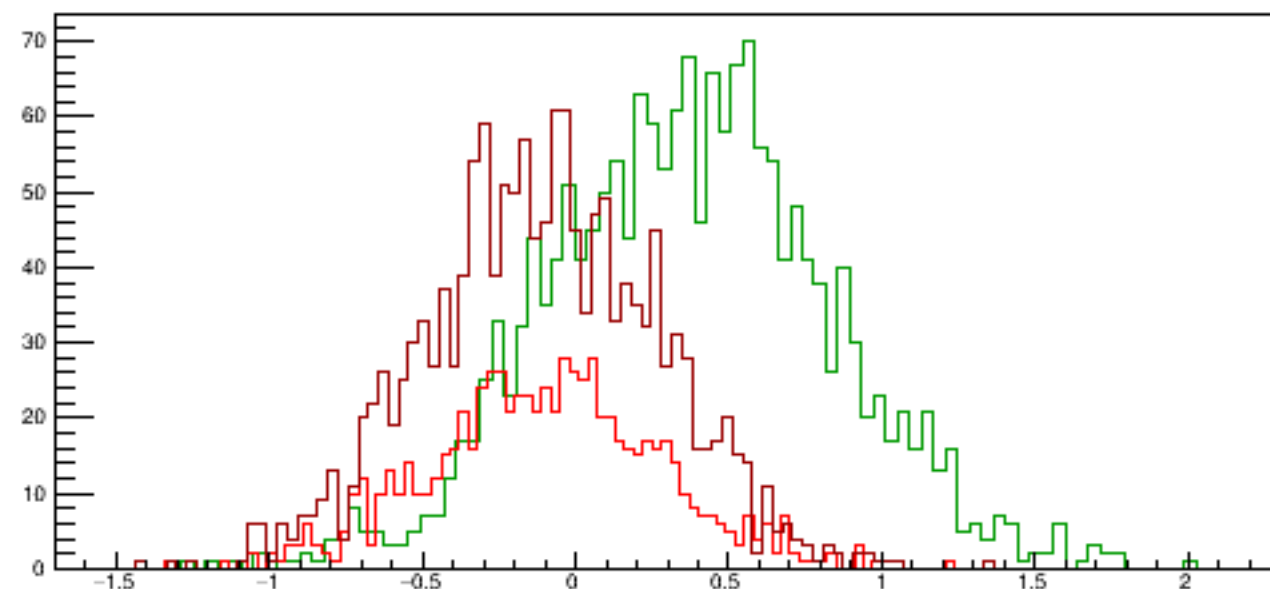
bcm:mpsCoda {mpsCoda>=453415 && mpsCoda<=473382}



Cycle 21, Diffs

Entries: 754	Entries: 1805	Entries: 1492
Mean: -0.1000 +/- 0.0137	Mean: 0.3724 +/- 0.0109	Mean: -0.1094 +/- 0.0098
Std Dev: 0.3764 +/- 0.0097	Std Dev: 0.4625 +/- 0.0077	Std Dev: 0.3799 +/- 0.0070

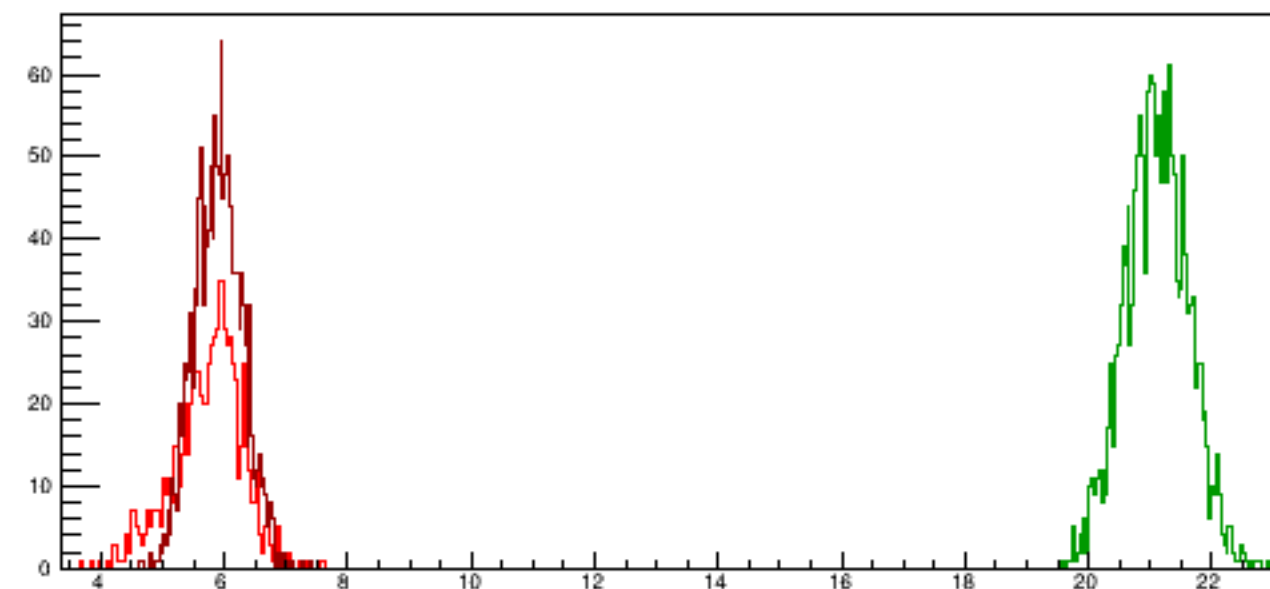
Run 6211 quartetwise, Diffs



Cycle 21, Sums

Entries: 754	Entries: 1805	Entries: 1492
Mean: 5.7287 +/- 0.0204	Mean: 21.1038 +/- 0.0121	Mean: 5.9021 +/- 0.0101
Std Dev: 0.5598 +/- 0.0144	Std Dev: 0.5128 +/- 0.0085	Std Dev: 0.3892 +/- 0.0071

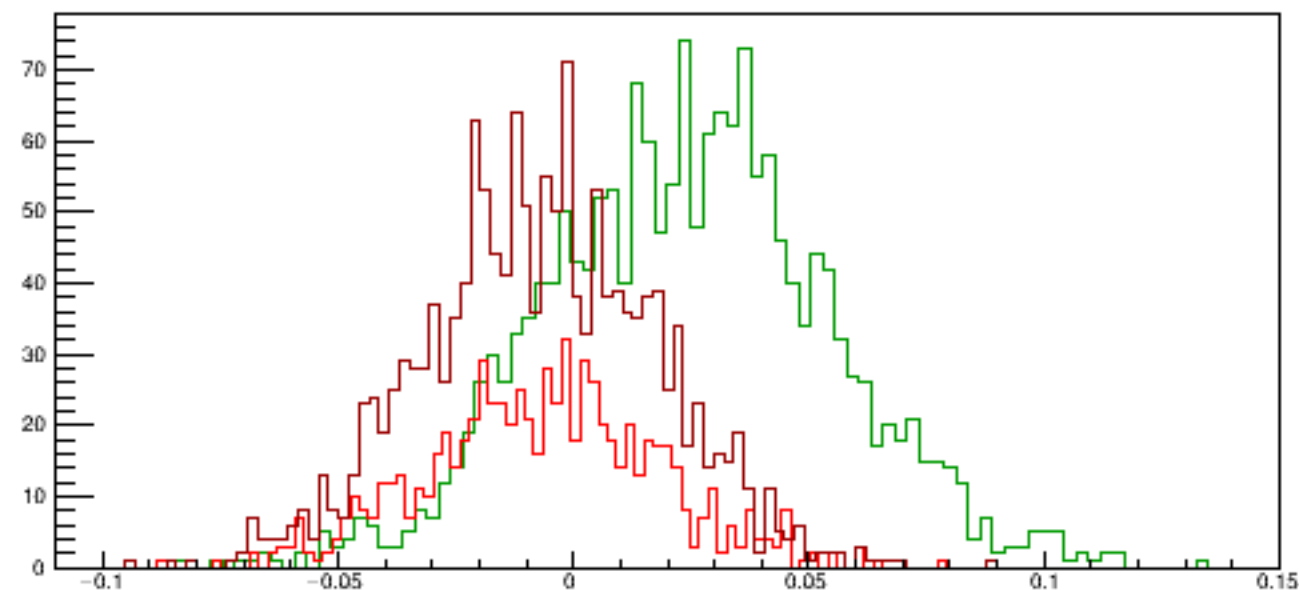
Run 6211 quartetwise, Sums



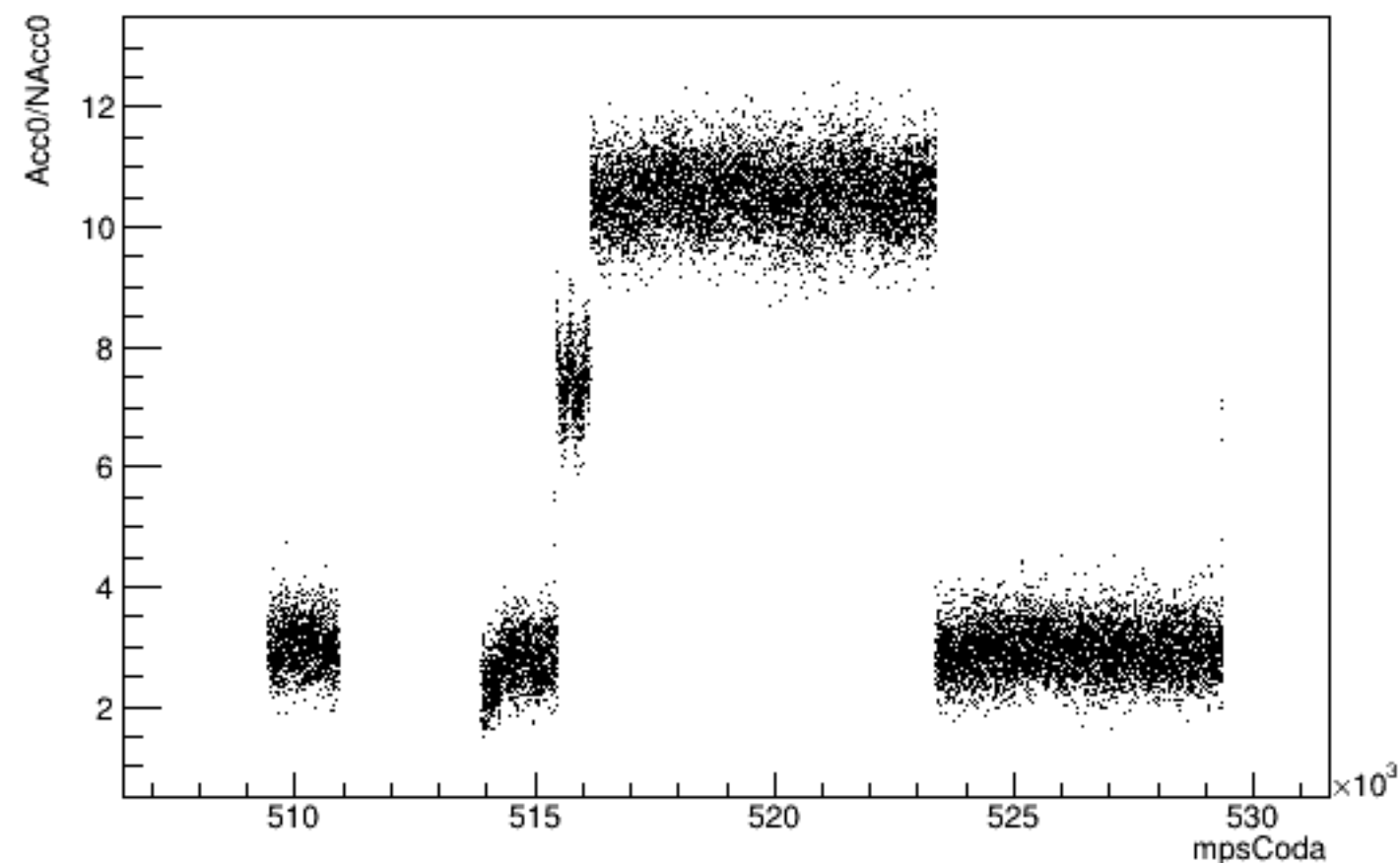
Cycle 21, Asyms

Entries: 754	Entries: 1805	Entries: 1492
Mean: -0.0065 +/- 0.0009	Mean: 0.0244 +/- 0.0007	Mean: -0.0072 +/- 0.0006
Std Dev: 0.0246 +/- 0.0006	Std Dev: 0.0303 +/- 0.0005	Std Dev: 0.0248 +/- 0.0005

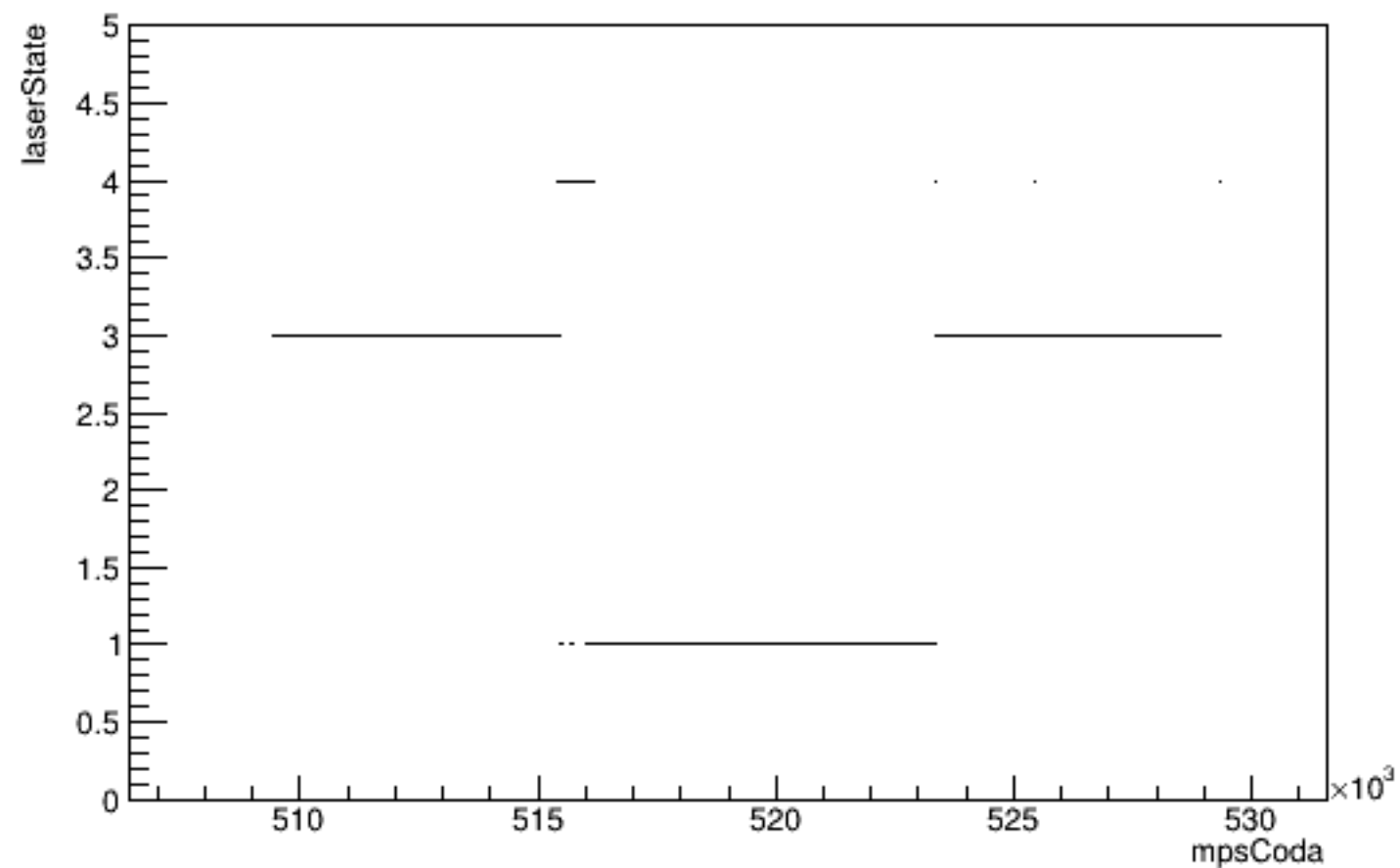
Run 6211 quartetwise, Asyms



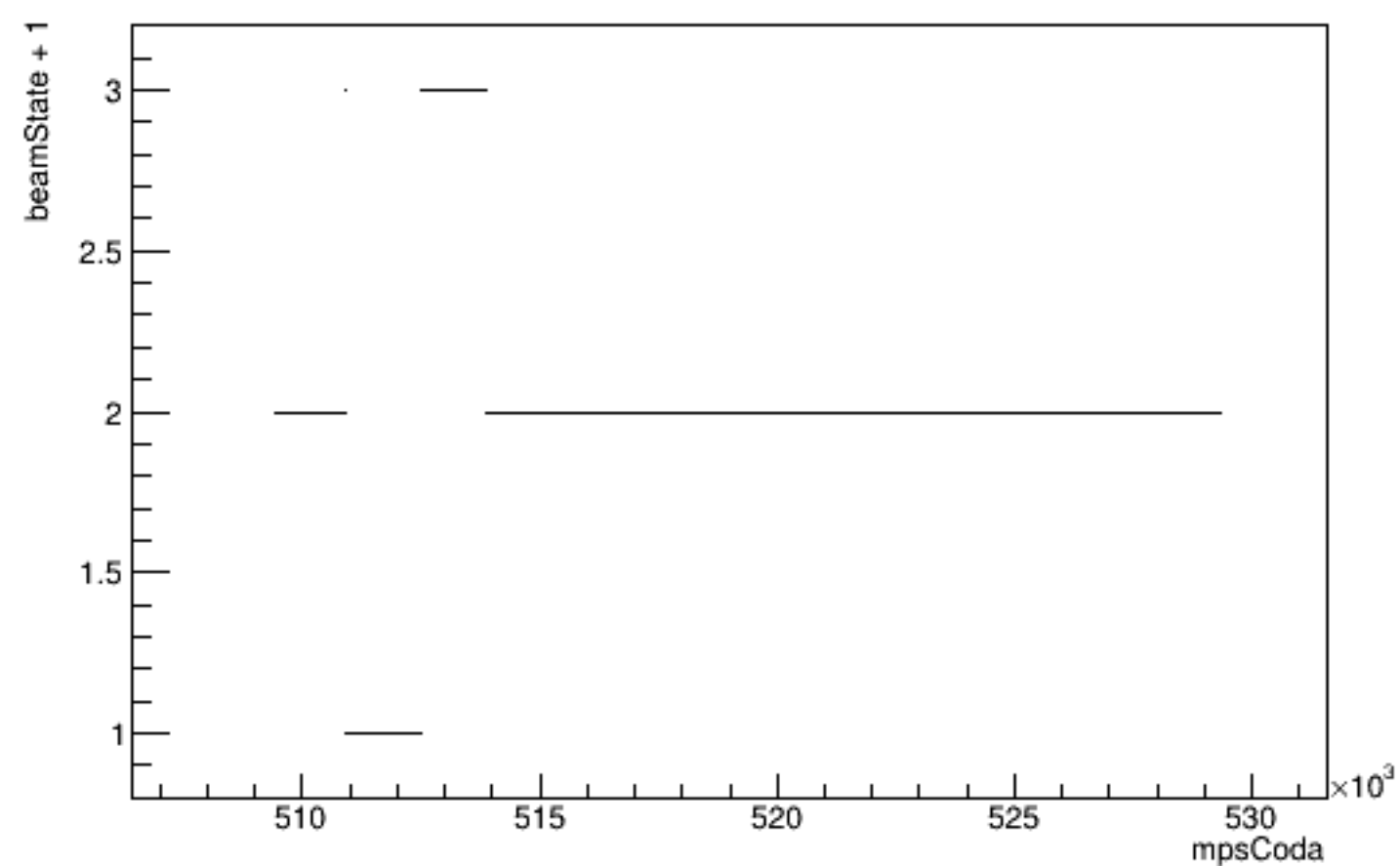
Acc0/NAcc0:mpsCoda (mpsCoda>=509427 && mpsCoda<=529366 && beamState==1)



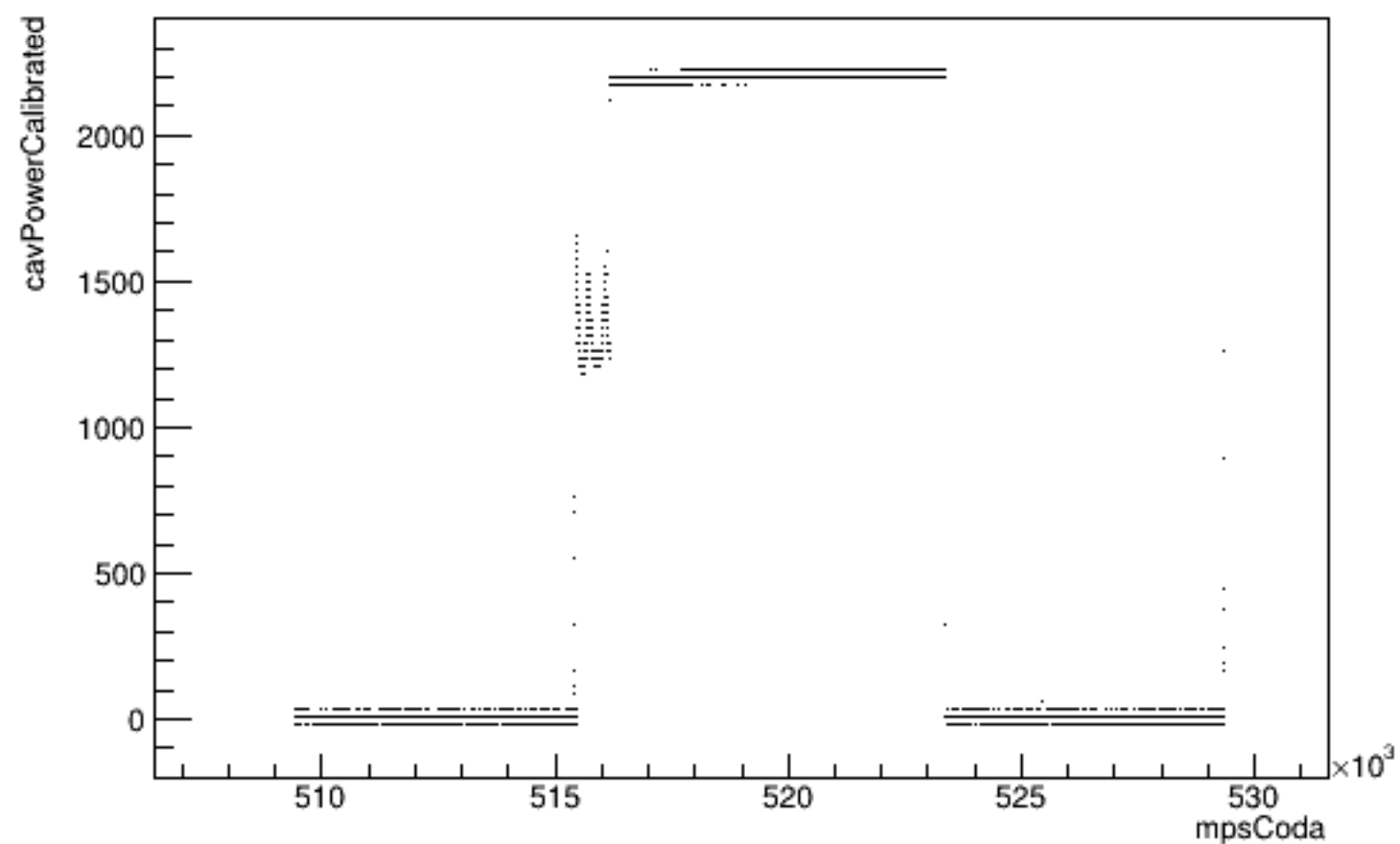
laserState:mpsCoda {mpsCoda>=509427 && mpsCoda<=529366}



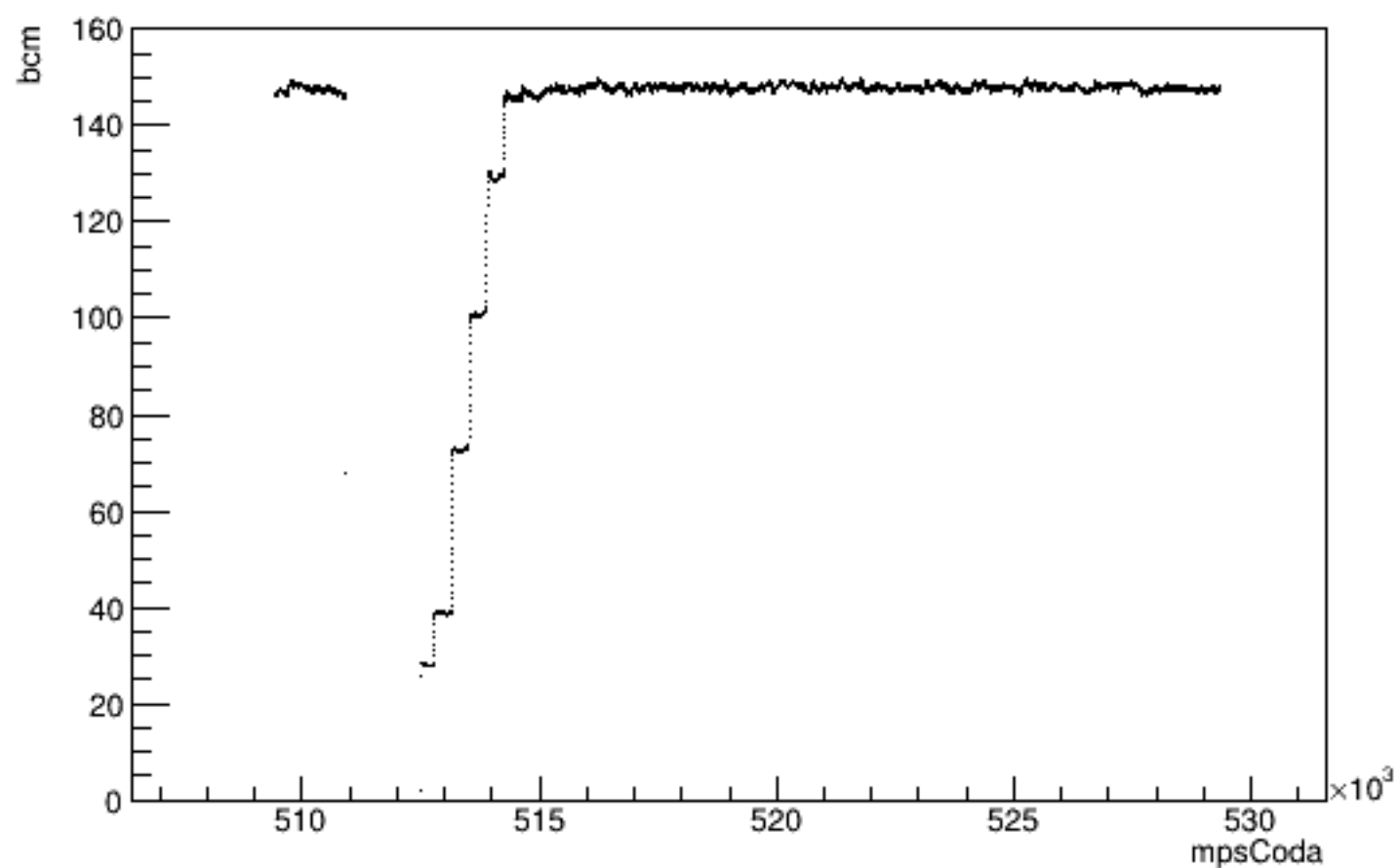
beamState + 1:mpsCoda {mpsCoda>=509427 && mpsCoda<=529366}



cavPowerCalibrated:mpsCoda {mpsCoda>=509427 && mpsCoda<=529366}



bcm:mpsCoda {mpsCoda>=509427 && mpsCoda<=529366}



Cycle 22, Diffs

Entries: 1492

Mean: -0.1094 +/- 0.0098

Std Dev: 0.3799 +/- 0.0070

Entries: 1813

Mean: 0.3820 +/- 0.0111

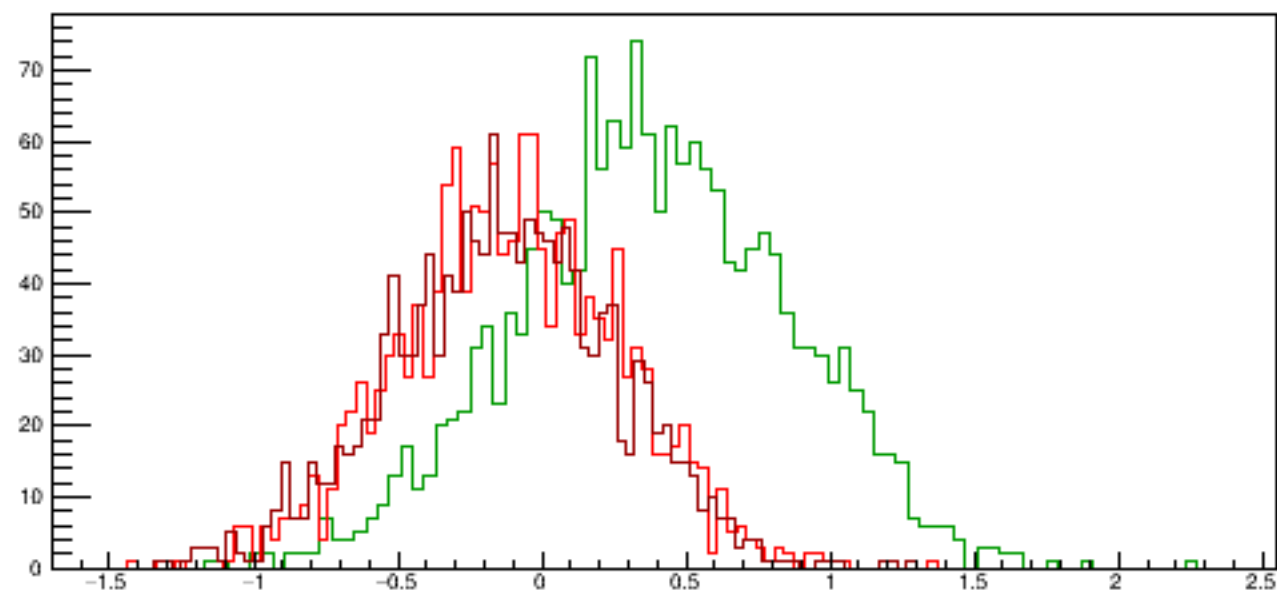
Std Dev: 0.4727 +/- 0.0078

Entries: 1492

Mean: -0.1364 +/- 0.0101

Std Dev: 0.3887 +/- 0.0071

Run 6211 quartetwise, Diffs



Cycle 22, Sums

Entries: 1492

Mean: 5.9021 +/- 0.0101

Std Dev: 0.3892 +/- 0.0071

Entries: 1813

Mean: 21.1952 +/- 0.0157

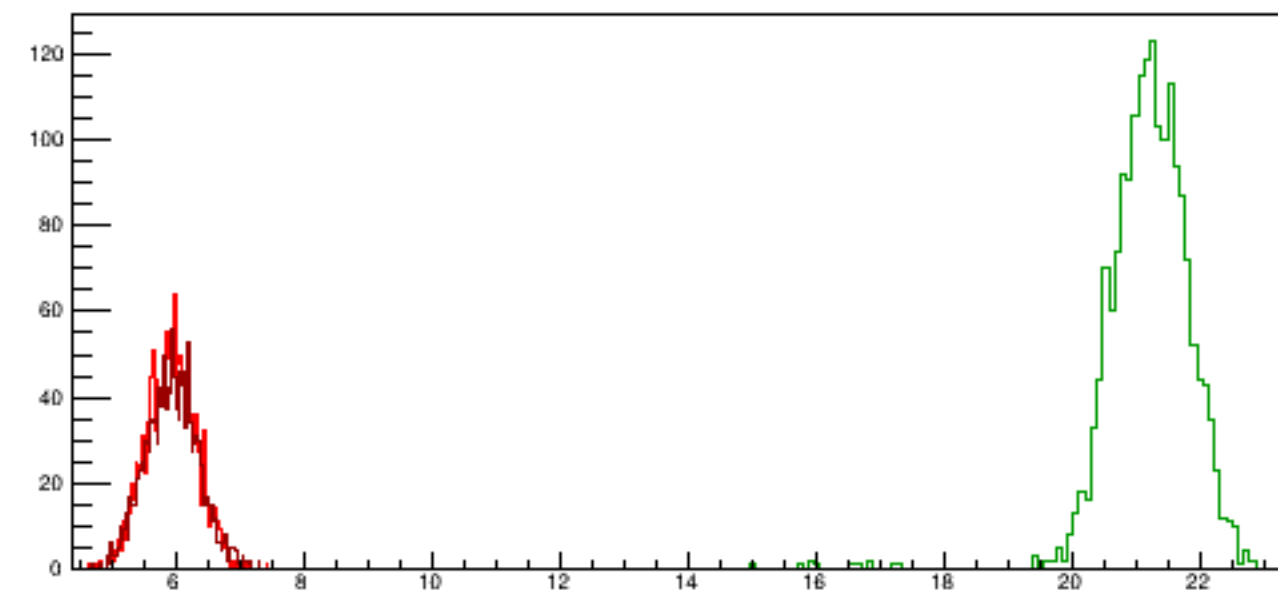
Std Dev: 0.6692 +/- 0.0111

Entries: 1492

Mean: 5.9160 +/- 0.0106

Std Dev: 0.4110 +/- 0.0075

Run 6211 quartetwise, Sums



Cycle 22, Asyms

Entries: 1492

Mean: -0.0072 +/- 0.0006

Std Dev: 0.0249 +/- 0.0005

Entries: 1813

Mean: 0.0250 +/- 0.0007

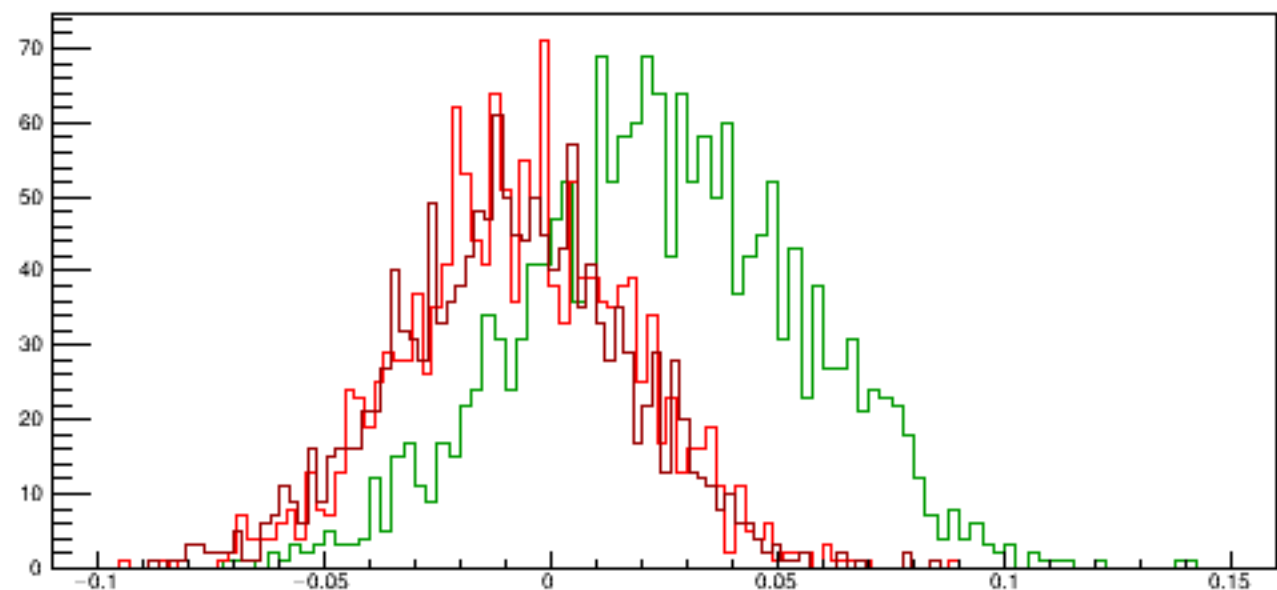
Std Dev: 0.0310 +/- 0.0005

Entries: 1492

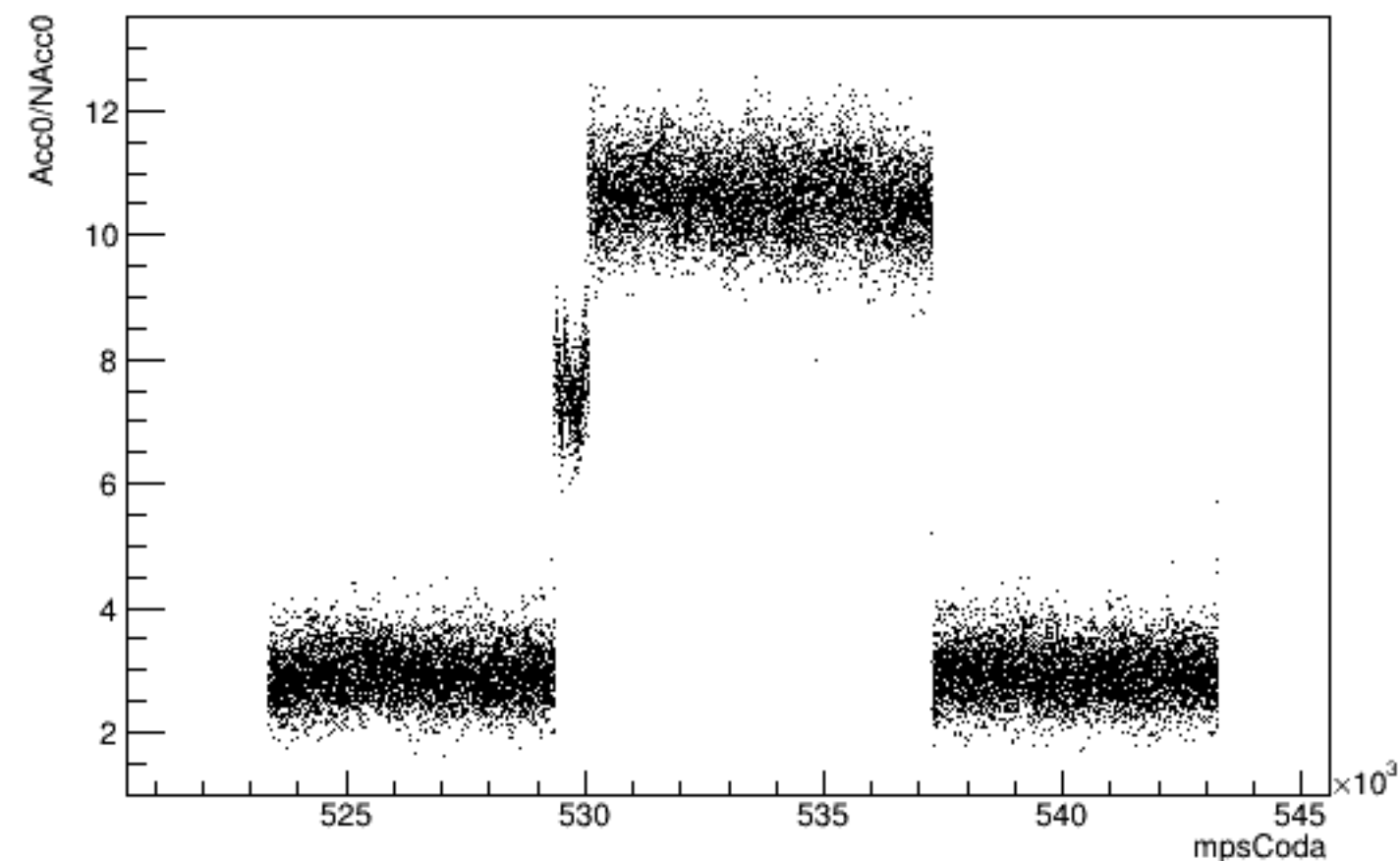
Mean: -0.0089 +/- 0.0007

Std Dev: 0.0254 +/- 0.0005

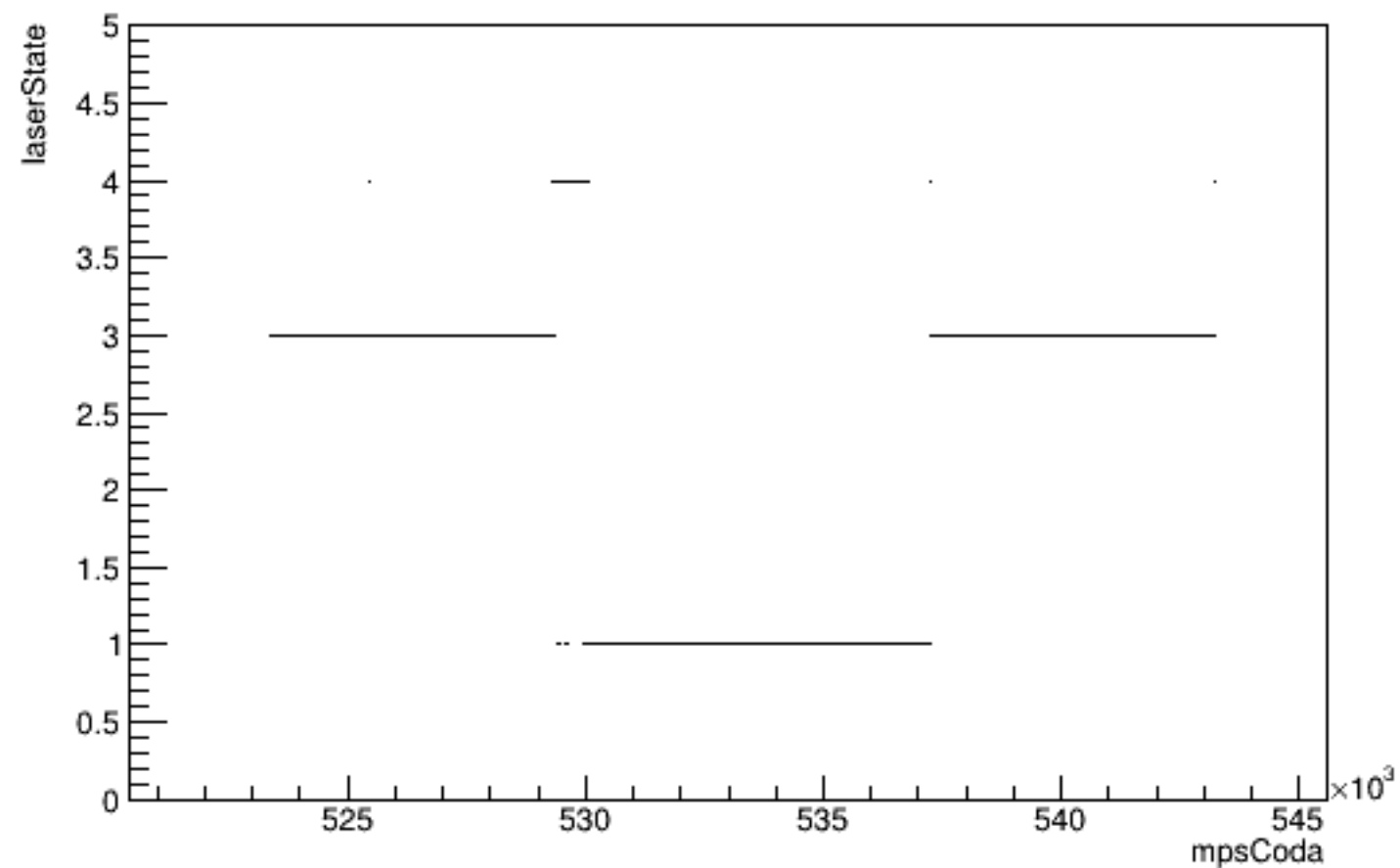
Run 6211 quartetwise, Asyms



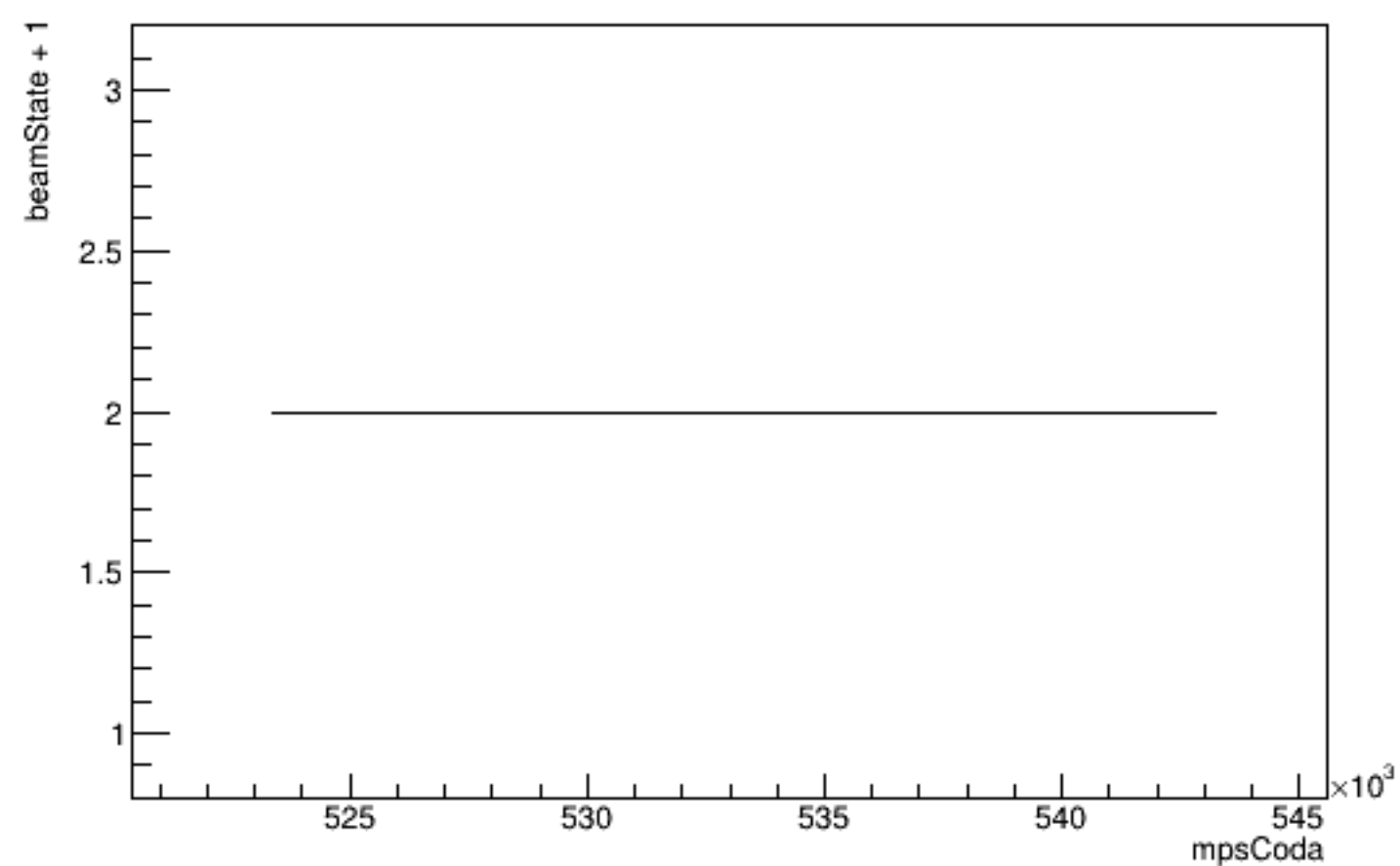
Acc0/NAcc0:mpsCoda (mpsCoda>=523379 && mpsCoda<=543258 && beamState==1)



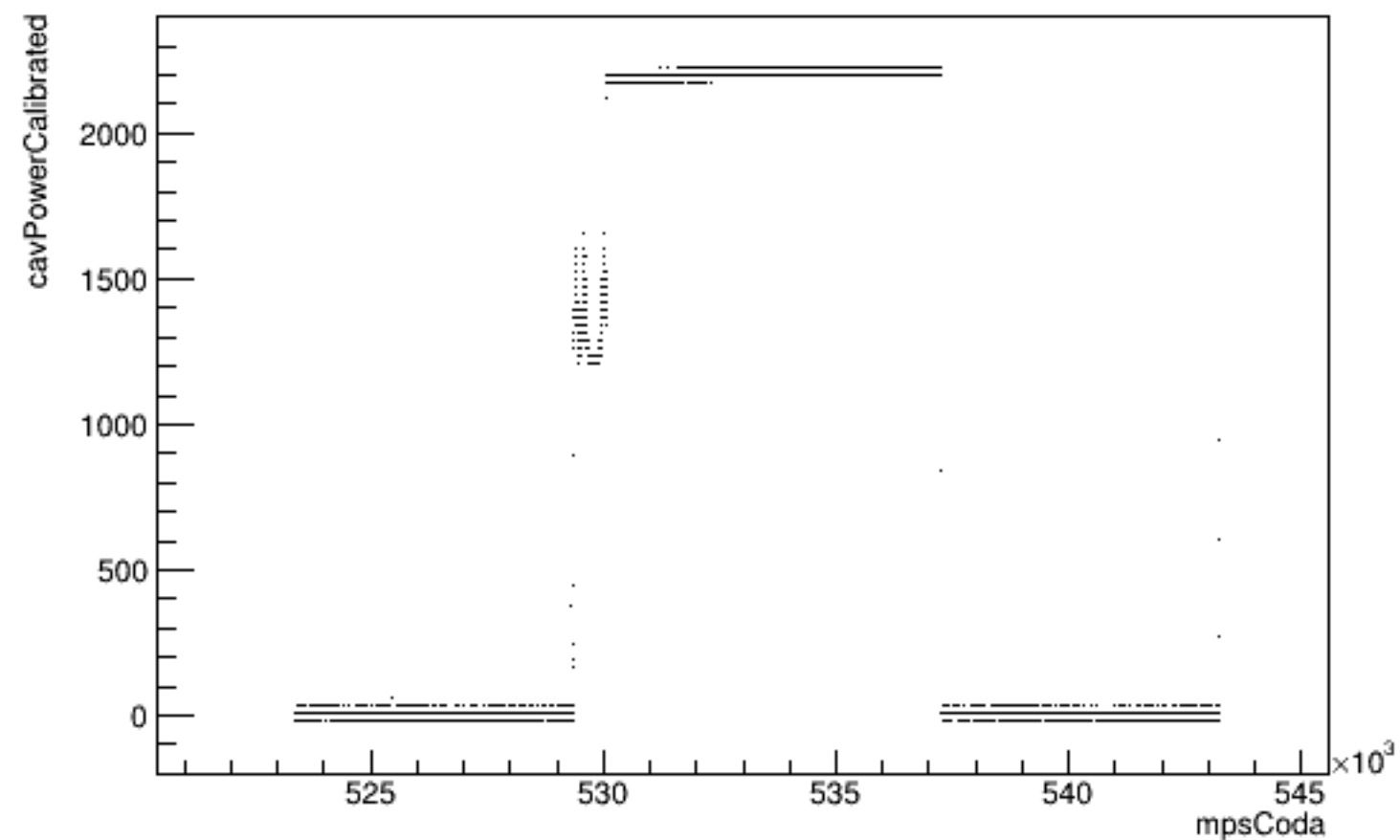
laserState:mpsCoda {mpsCoda>=523379 && mpsCoda<=543258}



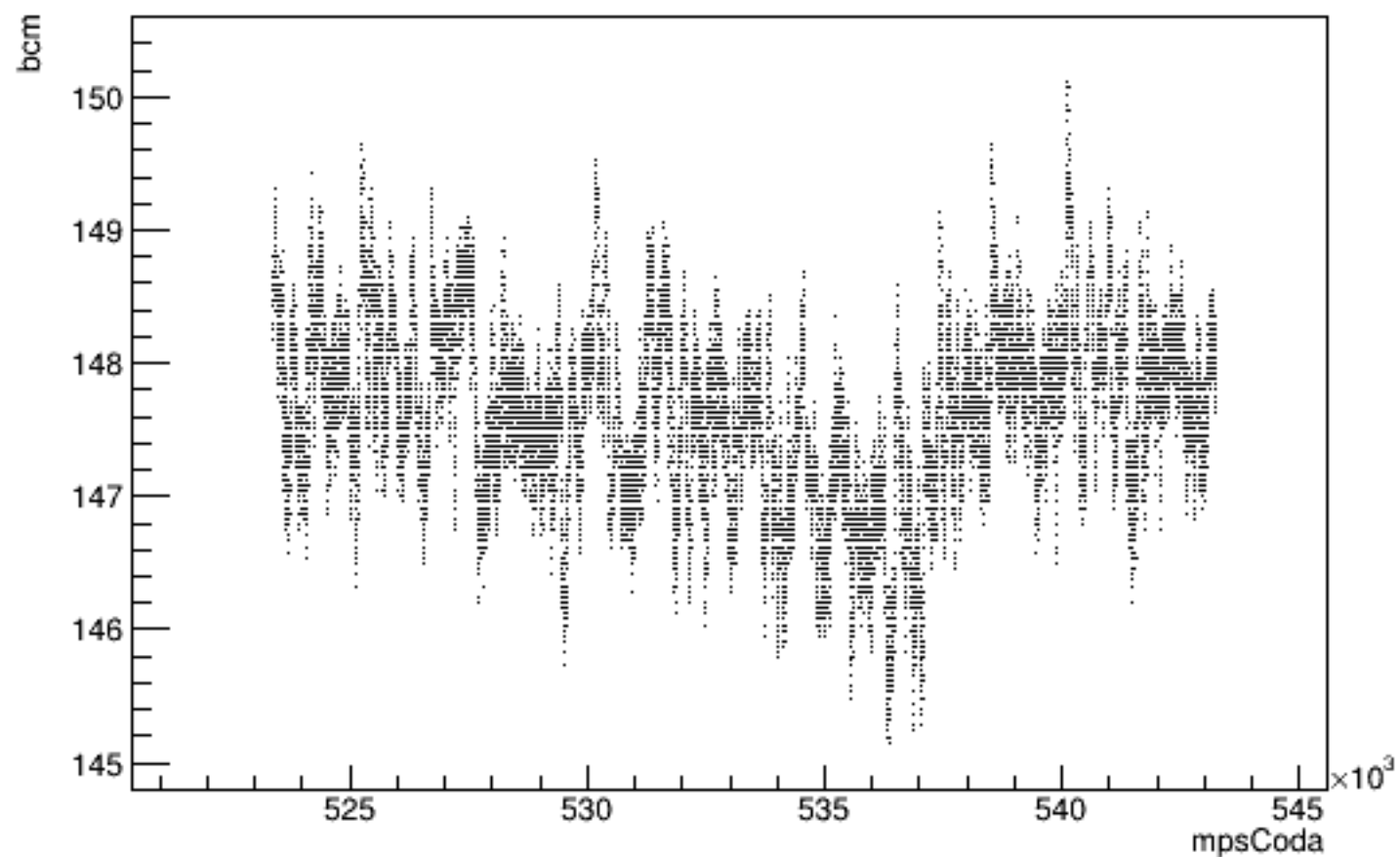
beamState + 1:mpsCoda {mpsCoda>=523379 && mpsCoda<=543258}



cavPowerCalibrated:mpsCoda {mpsCoda>=523379 && mpsCoda<=543258}



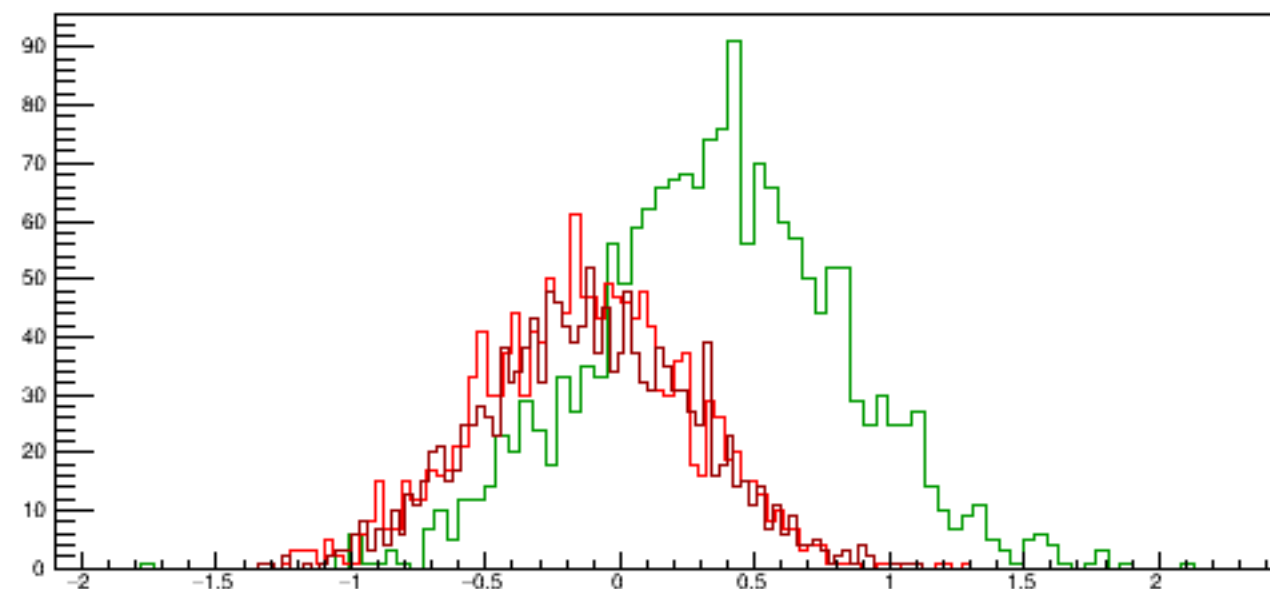
bcm:mpsCoda {mpsCoda>=523379 && mpsCoda<=543258}



Cycle 23, Diffs

Entries: 1492	Entries: 1801	Entries: 1487
Mean: -0.1364 +/- 0.0101	Mean: 0.3608 +/- 0.0111	Mean: -0.1189 +/- 0.0102
Std Dev: 0.3887 +/- 0.0071	Std Dev: 0.4715 +/- 0.0079	Std Dev: 0.3917 +/- 0.0072

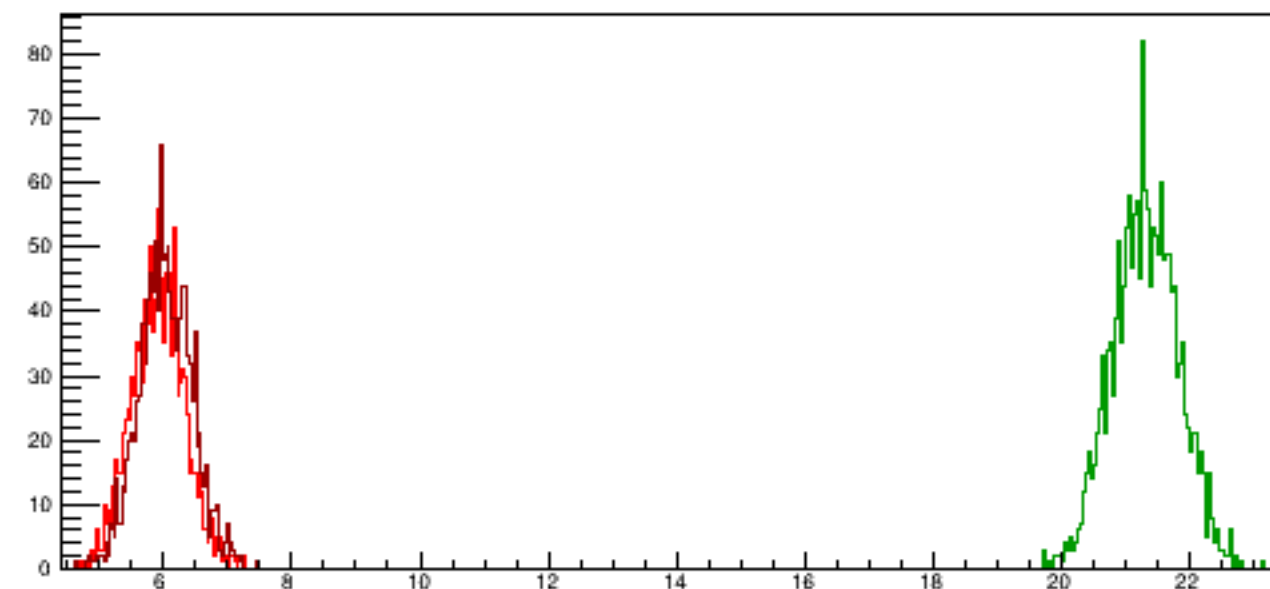
Run 6211 quartetwise, Diffs



Cycle 23, Sums

Entries: 1492	Entries: 1801	Entries: 1487
Mean: 5.9160 +/- 0.0106	Mean: 21.3119 +/- 0.0120	Mean: 6.0371 +/- 0.0105
Std Dev: 0.4110 +/- 0.0075	Std Dev: 0.5087 +/- 0.0085	Std Dev: 0.4062 +/- 0.0074

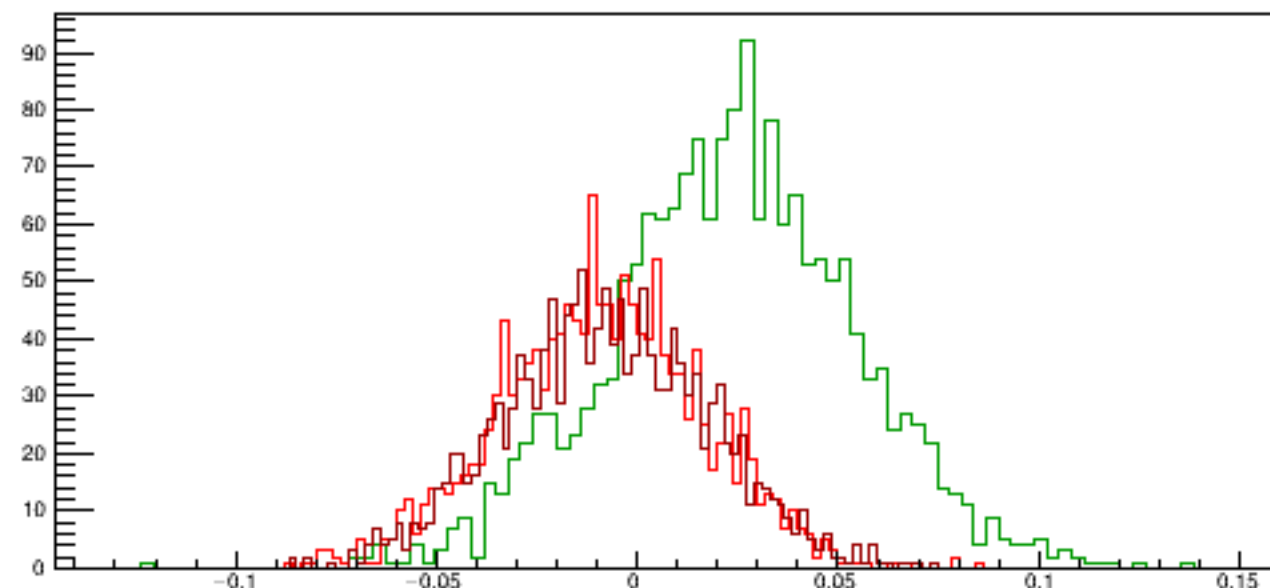
Run 6211 quartetwise, Sums



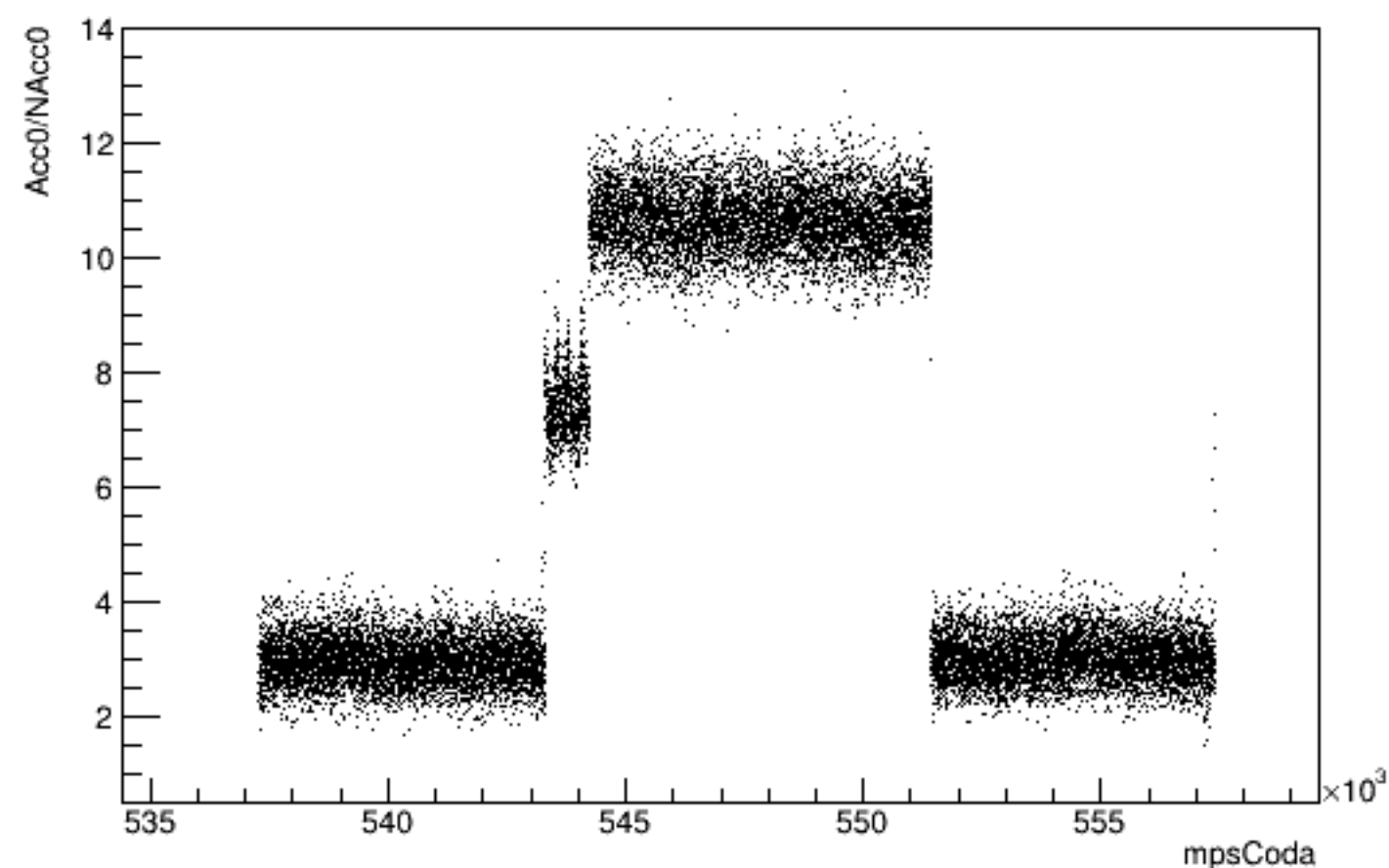
Cycle 23, Asyms

Entries: 1492	Entries: 1801	Entries: 1487
Mean: -0.0089 +/- 0.0007	Mean: 0.0235 +/- 0.0007	Mean: -0.0078 +/- 0.0007
Std Dev: 0.0253 +/- 0.0005	Std Dev: 0.0308 +/- 0.0005	Std Dev: 0.0255 +/- 0.0005

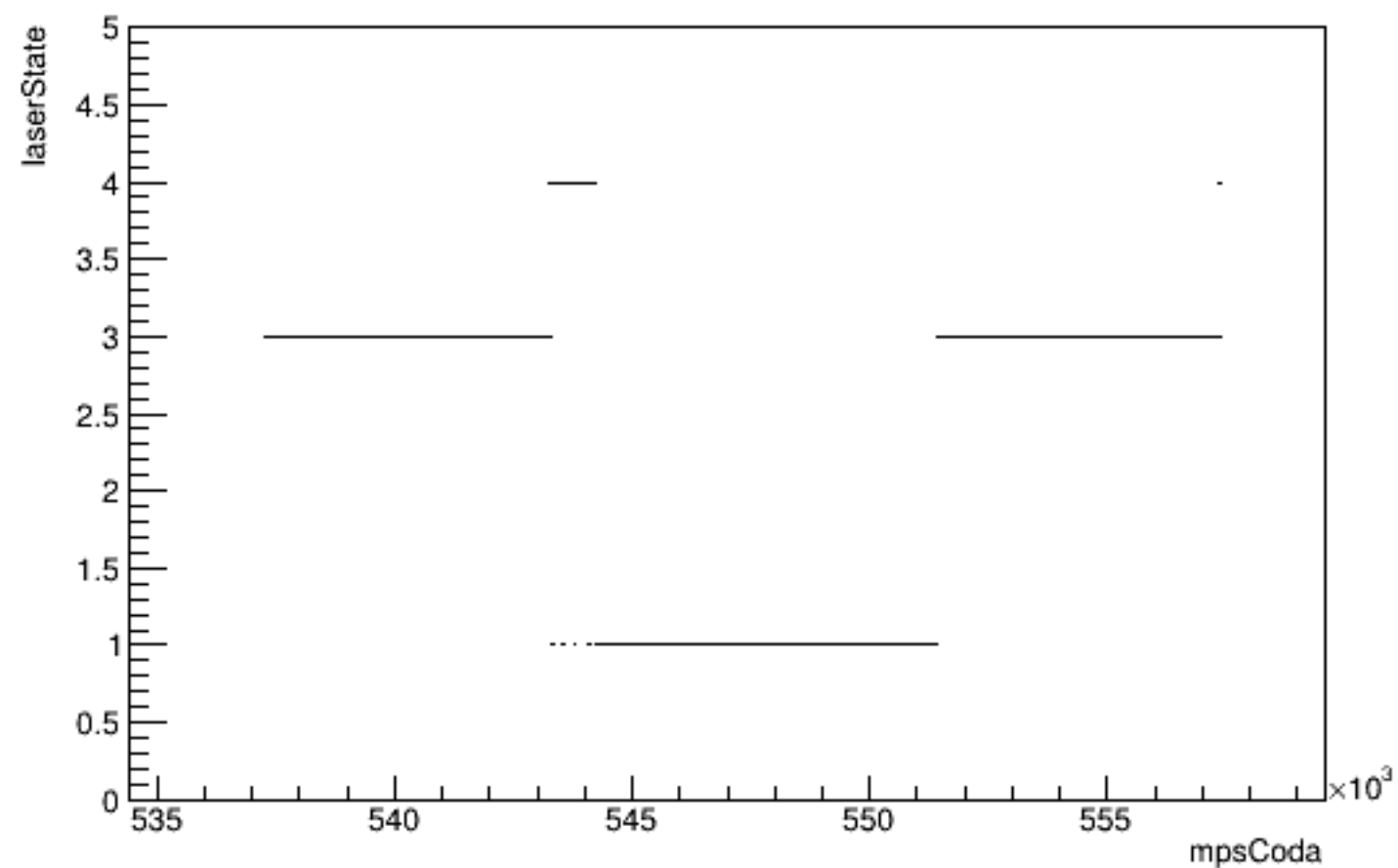
Run 6211 quartetwise, Asyms



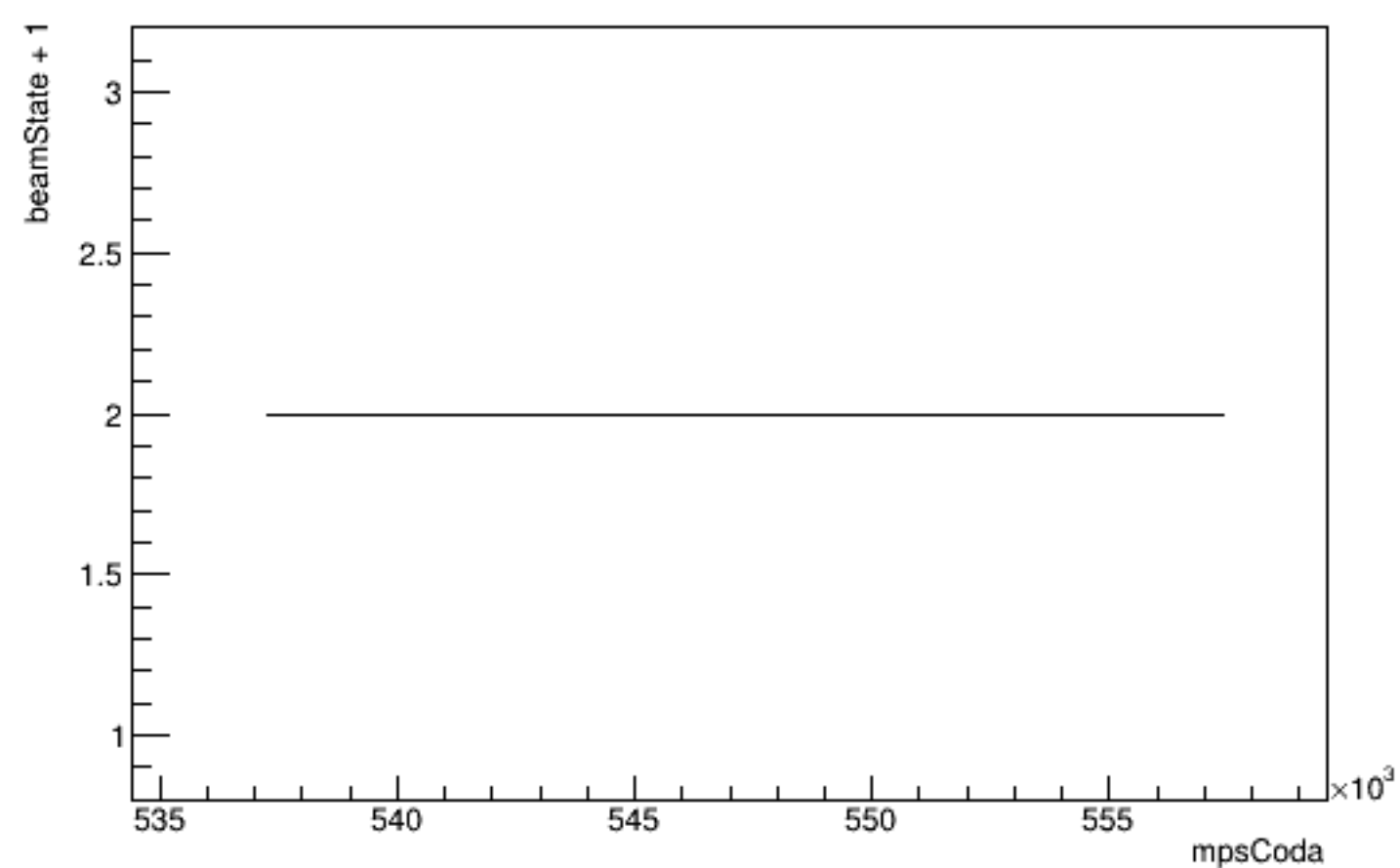
Acc0/NAcc0:mpsCoda (mpsCoda>=537279 && mpsCoda<=557390 && beamState==1)



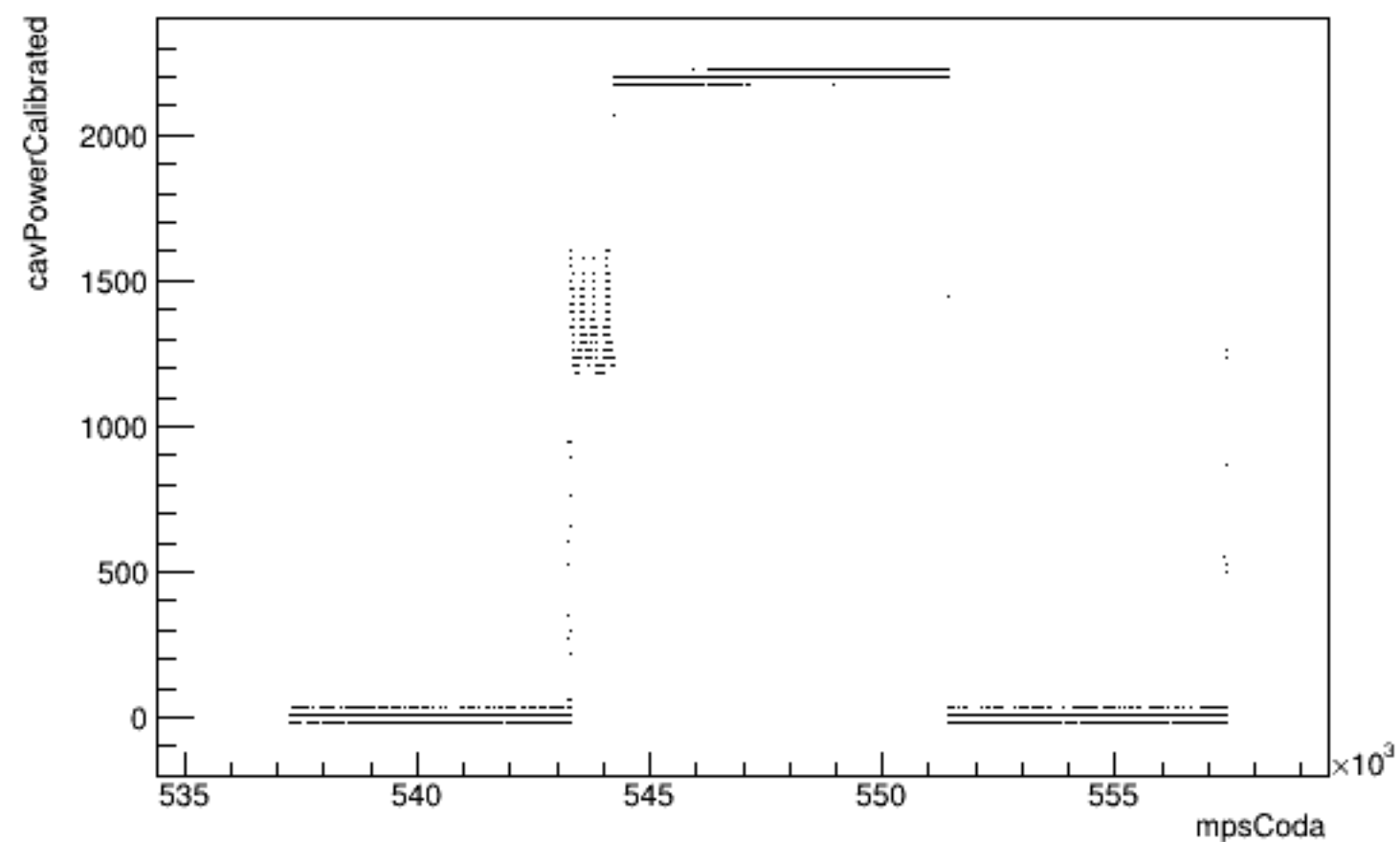
laserState:mpsCoda {mpsCoda>=537279 && mpsCoda<=557390}



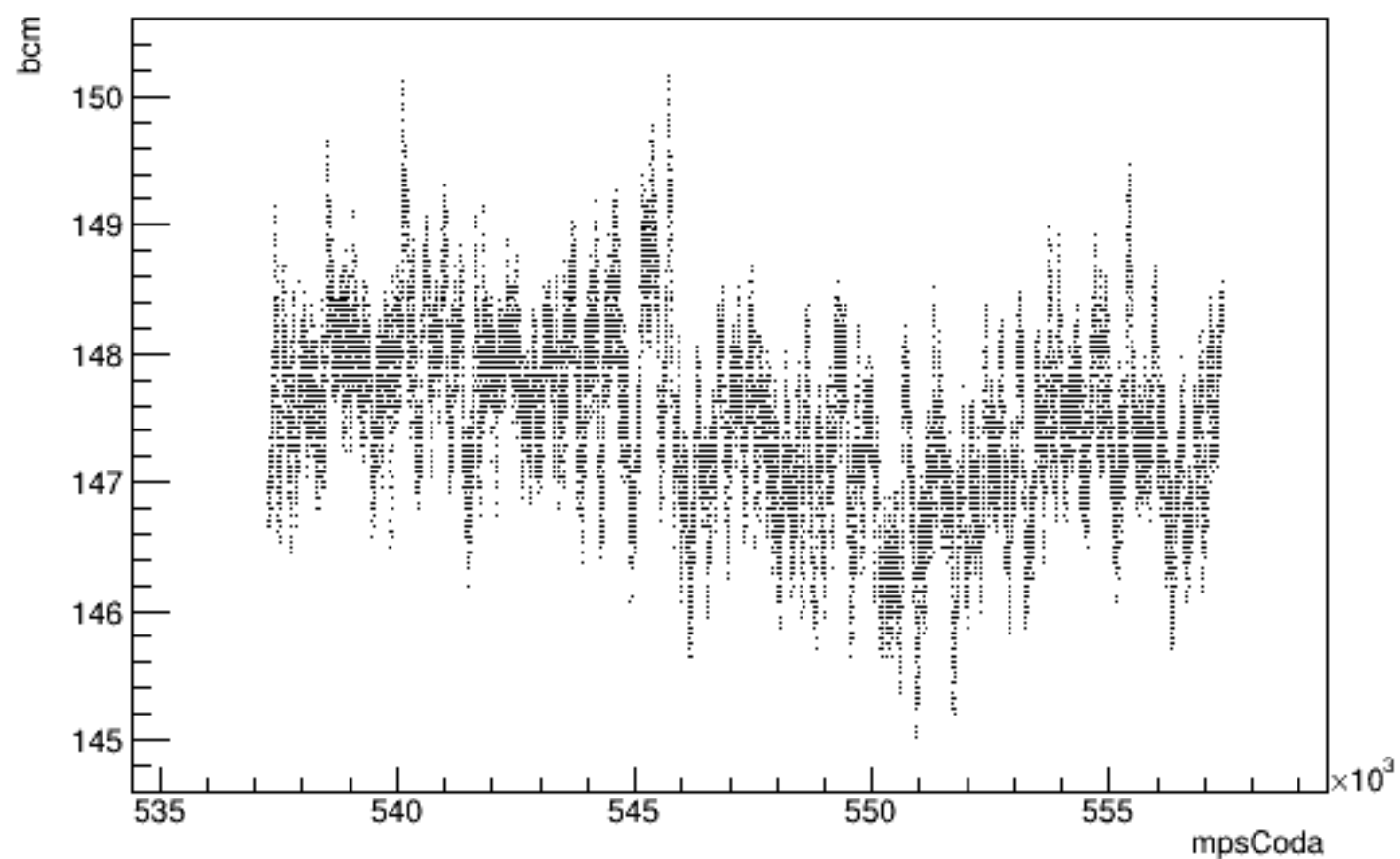
beamState + 1:mpsCoda {mpsCoda>=537279 && mpsCoda<=557390}



cavPowerCalibrated:mpsCoda {mpsCoda>=537279 && mpsCoda<=557390}



bcm:mpsCoda {mpsCoda>=537279 && mpsCoda<=557390}



Cycle 24, Diffs

Entries: 1487

Mean: -0.1189 +/- 0.0102

Std Dev: 0.3917 +/- 0.0072

Entries: 1816

Mean: 0.3491 +/- 0.0113

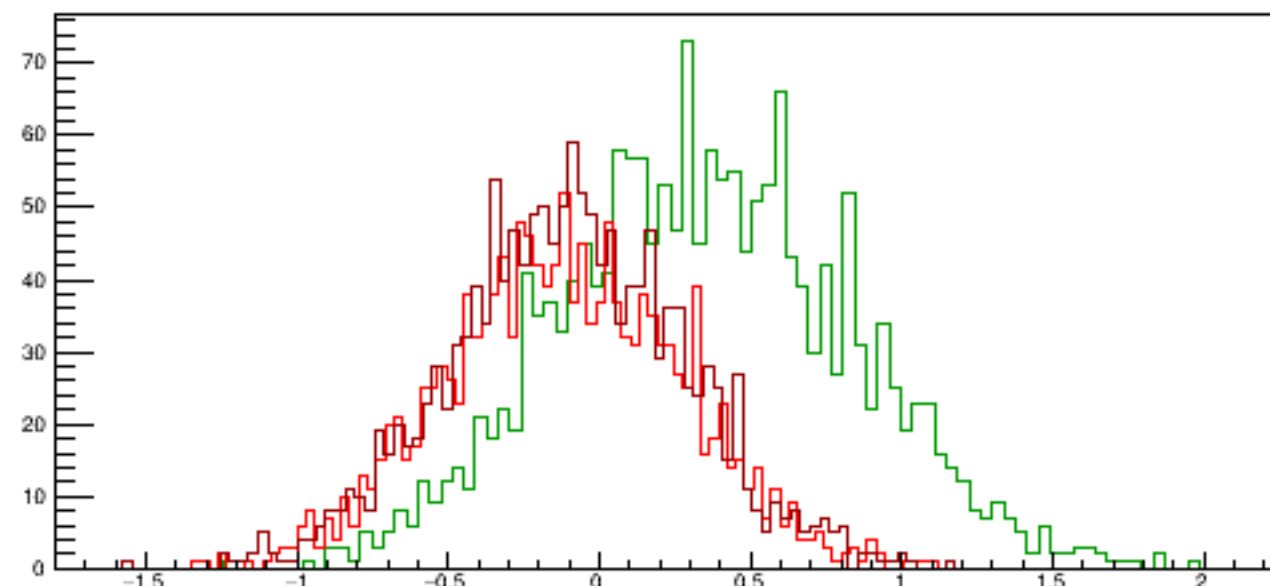
Std Dev: 0.4817 +/- 0.0080

Entries: 1491

Mean: -0.1099 +/- 0.0101

Std Dev: 0.3883 +/- 0.0071

Run 6211 quartetwise, Diffs



Cycle 24, Sums

Entries: 1487

Mean: 6.0371 +/- 0.0105

Std Dev: 0.4062 +/- 0.0074

Entries: 1816

Mean: 21.3568 +/- 0.0163

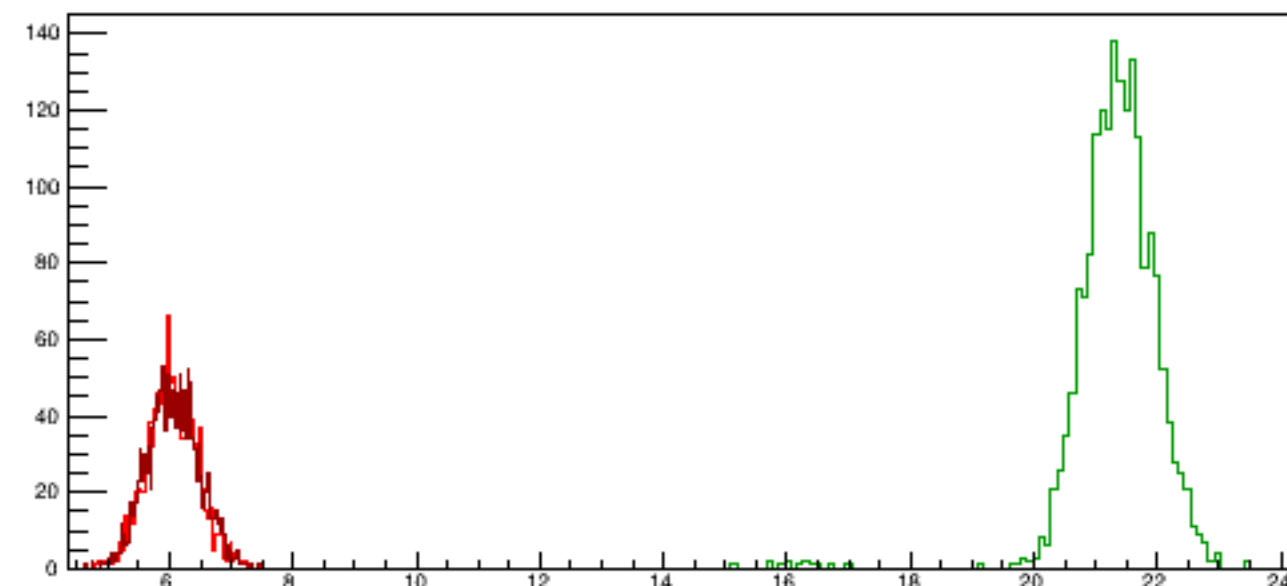
Std Dev: 0.6965 +/- 0.0116

Entries: 1491

Mean: 6.0563 +/- 0.0111

Std Dev: 0.4270 +/- 0.0078

Run 6211 quartetwise, Sums



Cycle 24, Asyms

Entries: 1487

Mean: -0.0078 +/- 0.0007

Std Dev: 0.0256 +/- 0.0005

Entries: 1816

Mean: 0.0228 +/- 0.0007

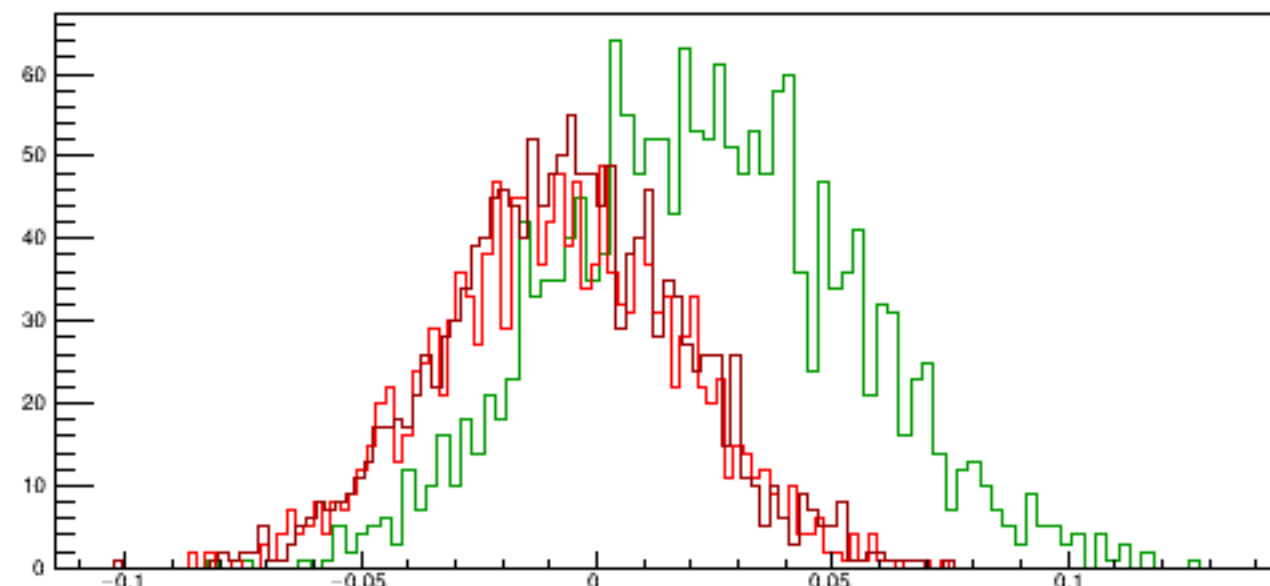
Std Dev: 0.0315 +/- 0.0005

Entries: 1491

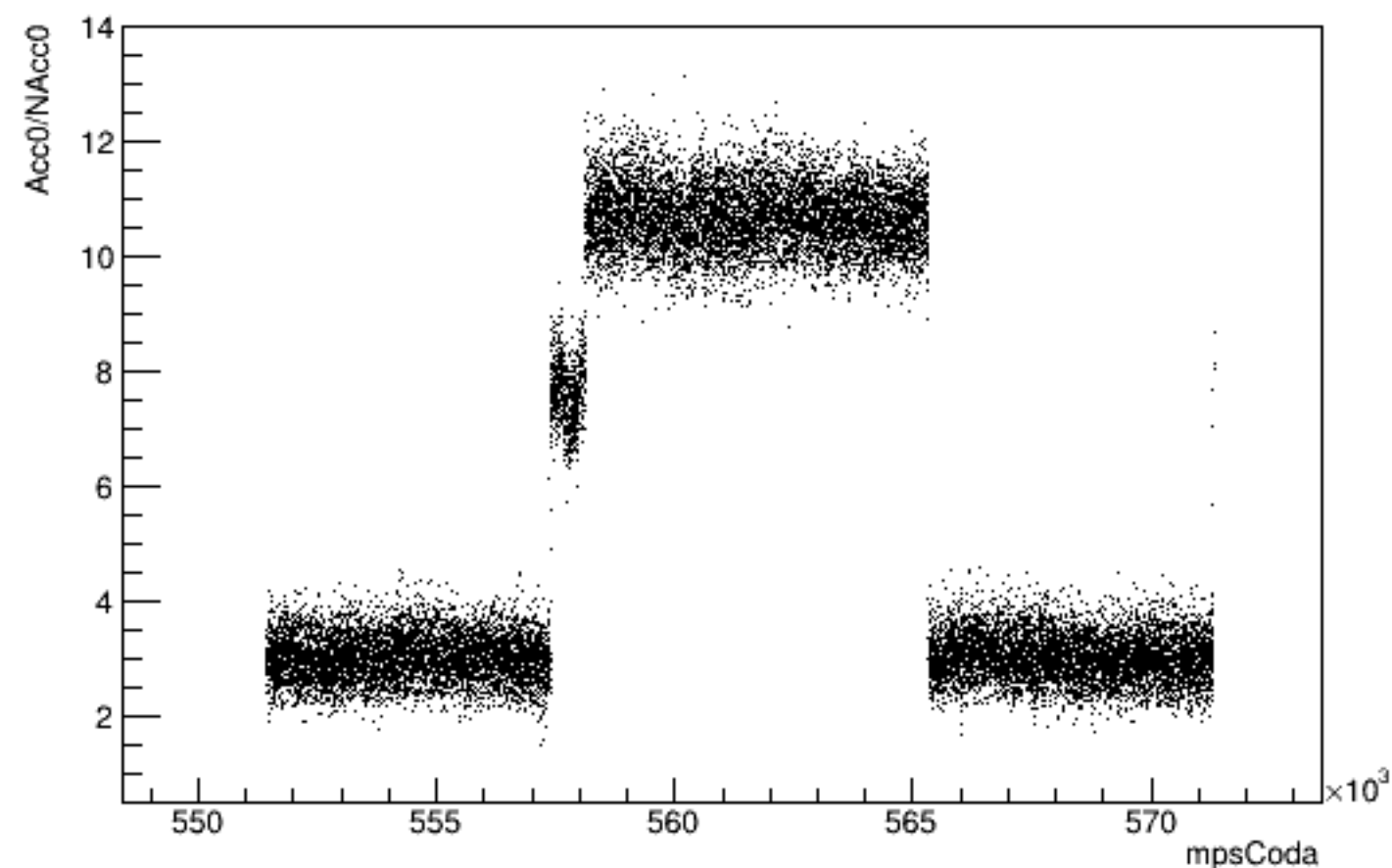
Mean: -0.0072 +/- 0.0007

Std Dev: 0.0254 +/- 0.0005

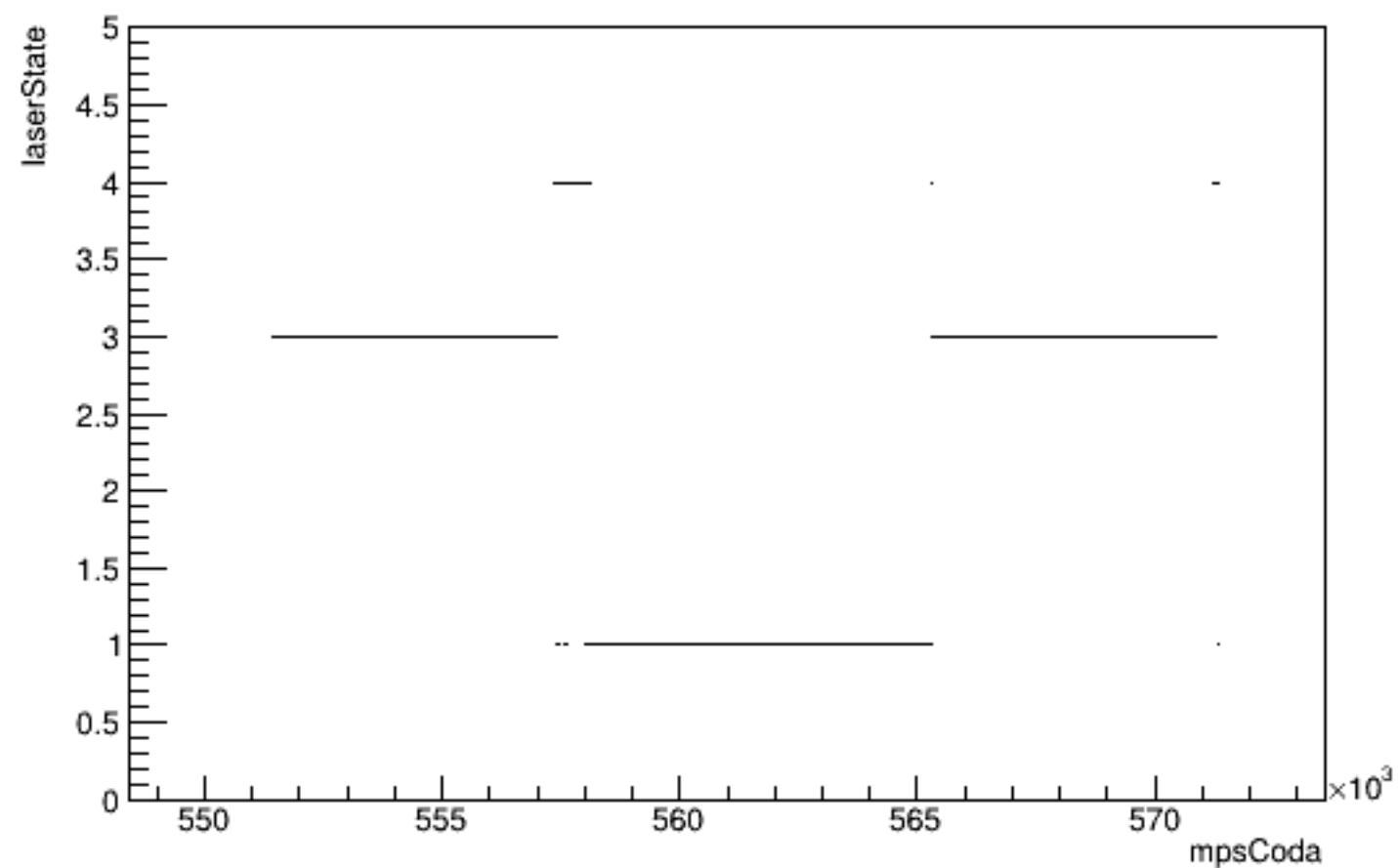
Run 6211 quartetwise, Asyms



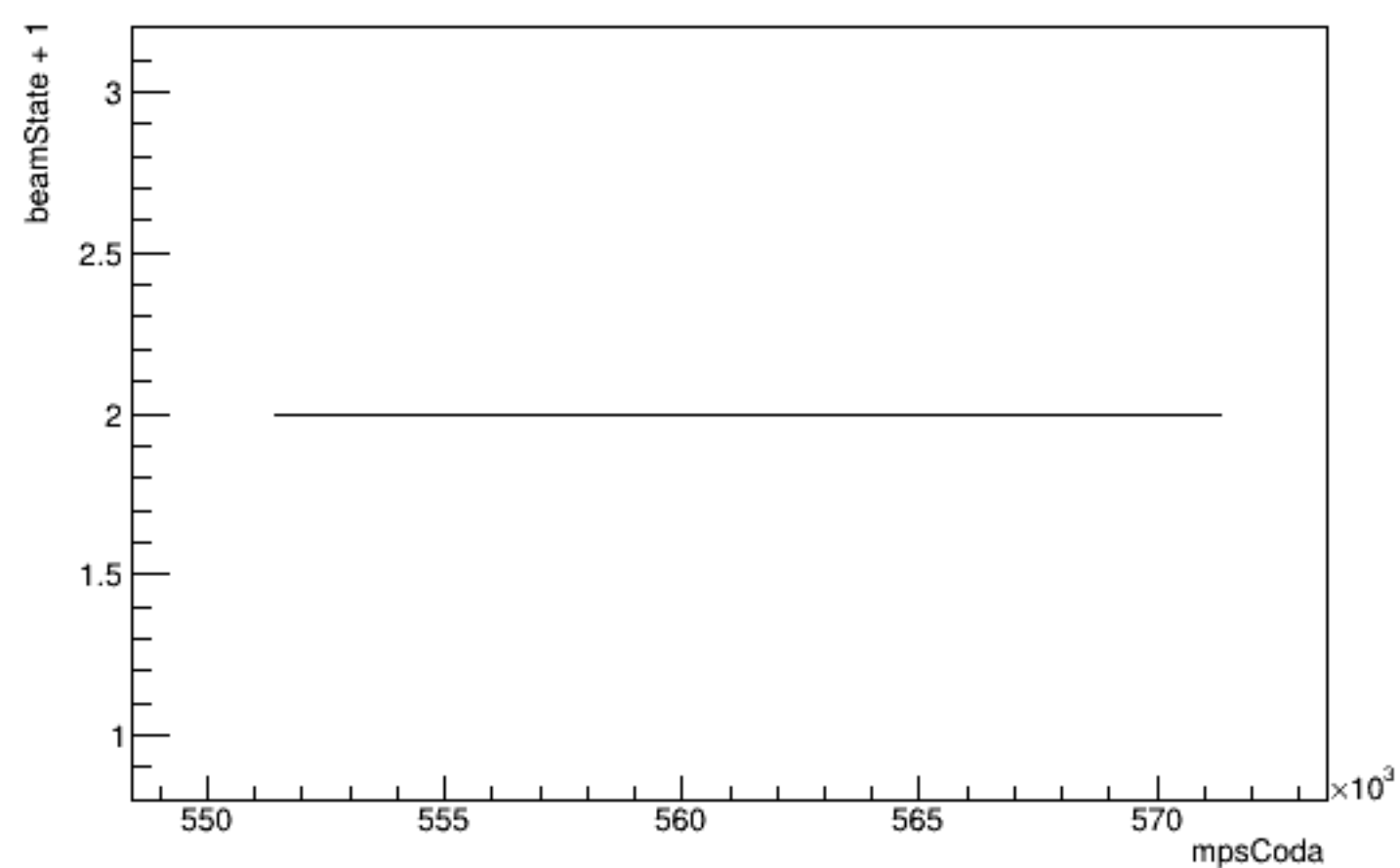
Acc0/NAcc0:mpsCoda (mpsCoda>=551431 && mpsCoda<=571318 && beamState==1)



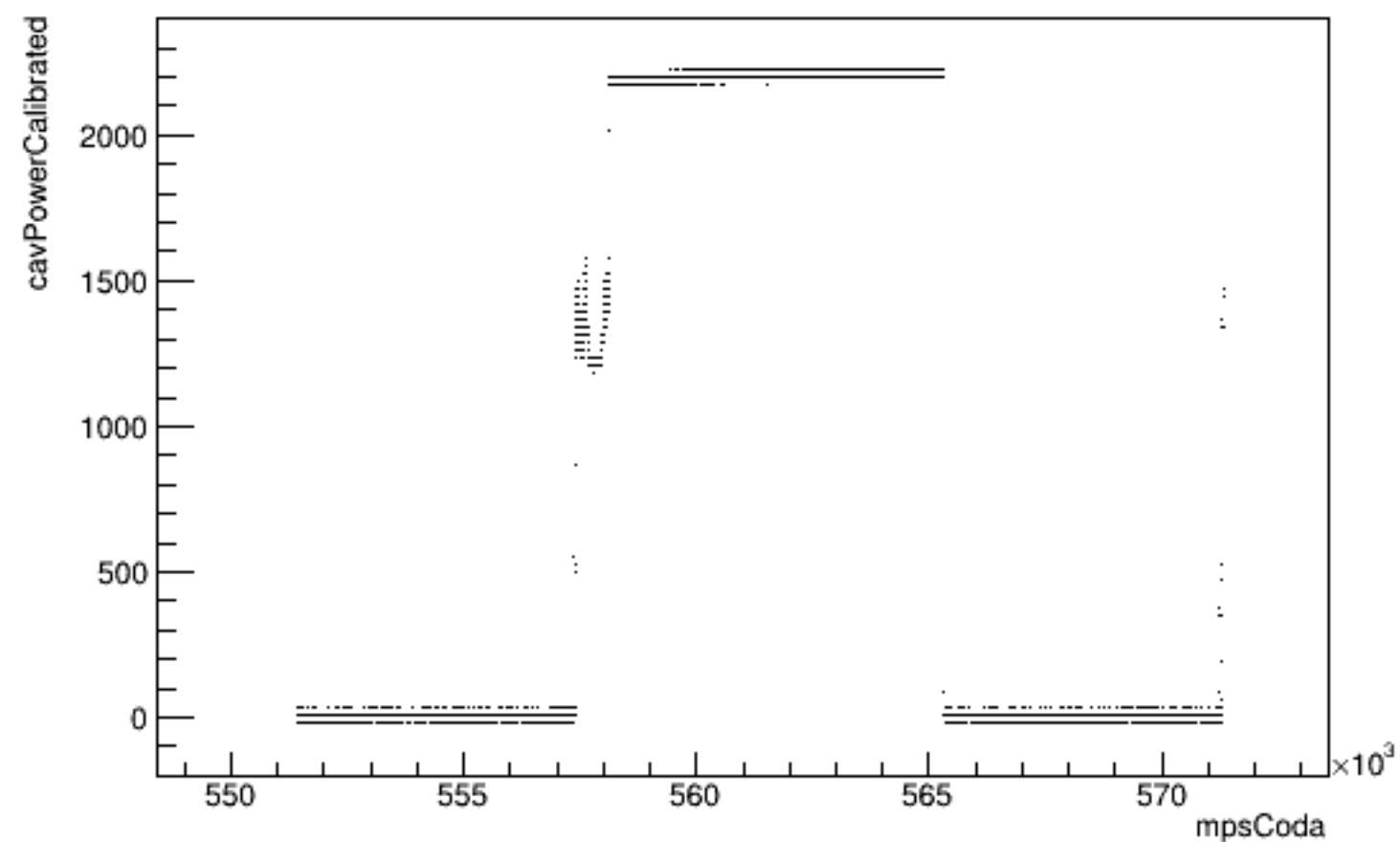
laserState:mpsCoda {mpsCoda>=551431 && mpsCoda<=571318}



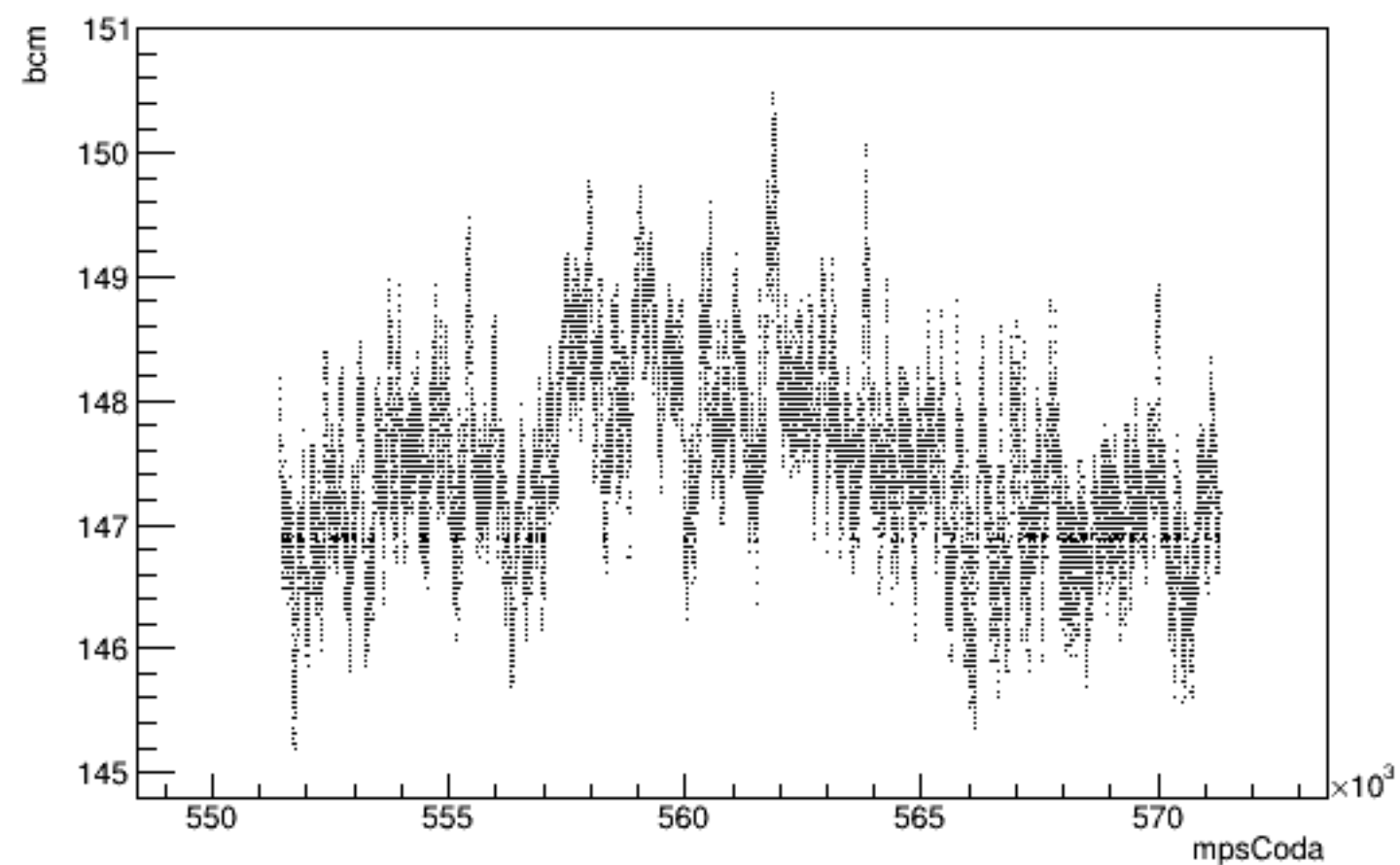
beamState + 1:mpsCoda {mpsCoda>=551431 && mpsCoda<=571318}



cavPowerCalibrated:mpsCoda {mpsCoda>=551431 && mpsCoda<=571318}



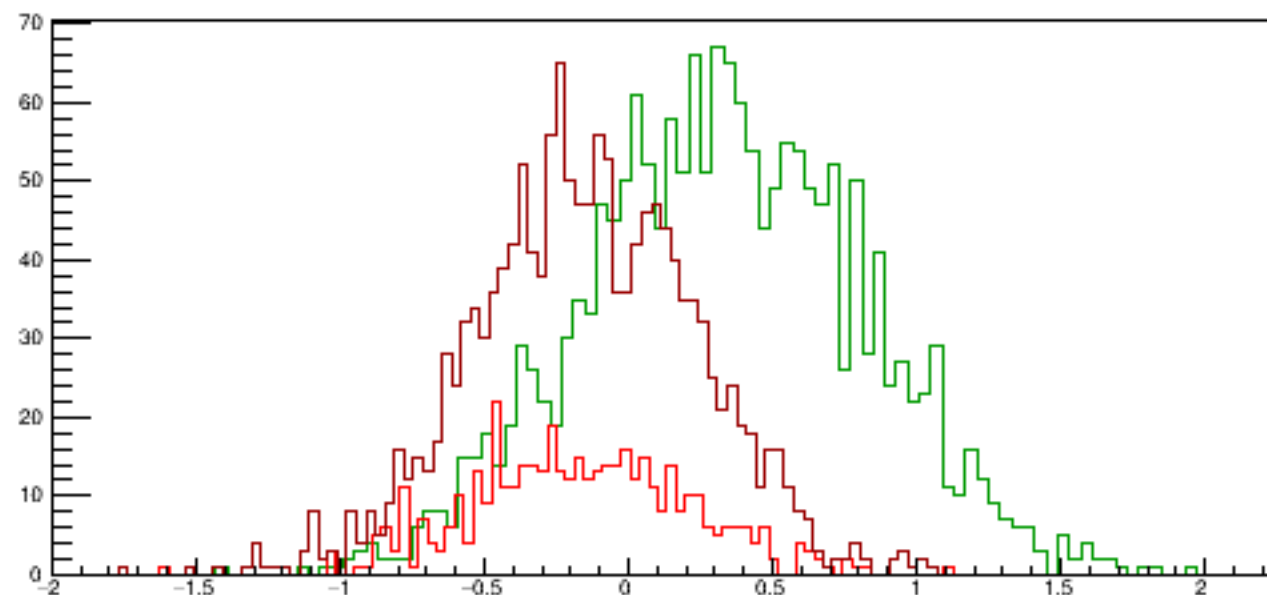
bcm:mpsCoda {mpsCoda>=551431 && mpsCoda<=571318}



Cycle 25, Diffs

Entries: 445	Entries: 1812	Entries: 1496
Mean: -0.1656 +/- 0.0179	Mean: 0.3293 +/- 0.0114	Mean: -0.1479 +/- 0.0100
Std Dev: 0.3785 +/- 0.0127	Std Dev: 0.4858 +/- 0.0081	Std Dev: 0.3884 +/- 0.0071

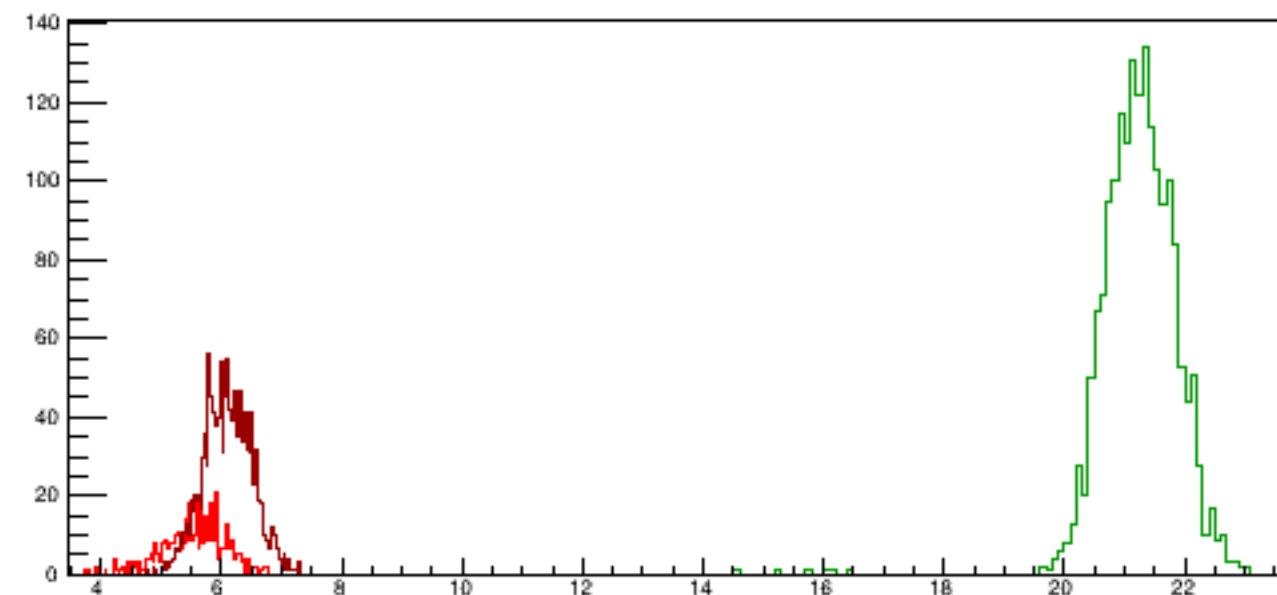
Run 6211 quartetwise, Diffs



Cycle 25, Sums

Entries: 445	Entries: 1812	Entries: 1496
Mean: 5.5408 +/- 0.0251	Mean: 21.2595 +/- 0.0150	Mean: 6.1028 +/- 0.0105
Std Dev: 0.5290 +/- 0.0177	Std Dev: 0.6372 +/- 0.0106	Std Dev: 0.4047 +/- 0.0074

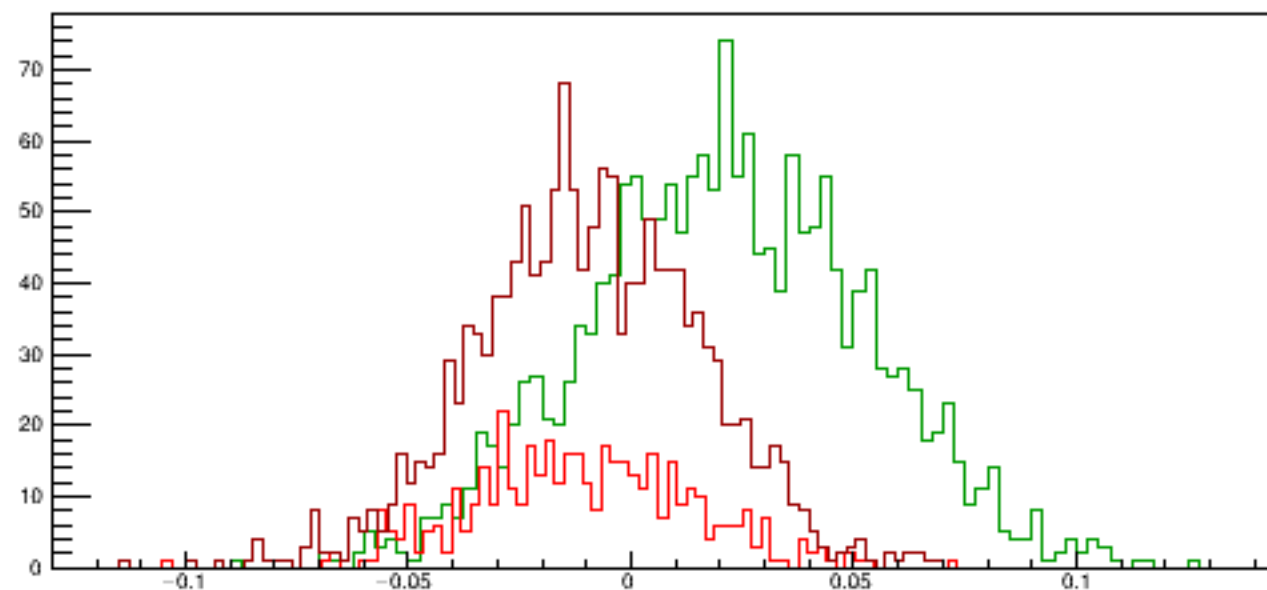
Run 6211 quartetwise, Sums



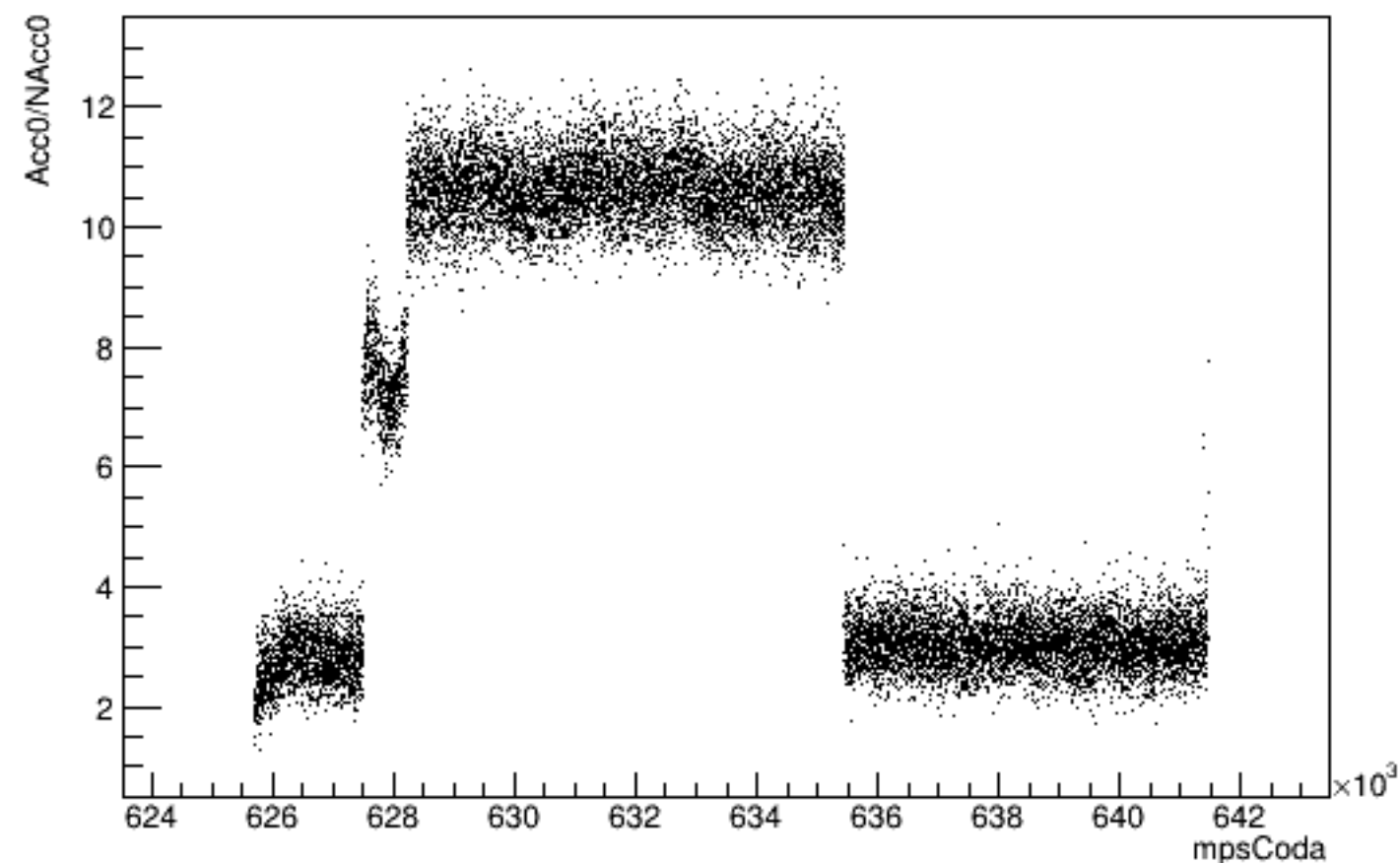
Cycle 25, Asyms

Entries: 445	Entries: 1812	Entries: 1496
Mean: -0.0107 +/- 0.0012	Mean: 0.0213 +/- 0.0007	Mean: -0.0096 +/- 0.0007
Std Dev: 0.0245 +/- 0.0008	Std Dev: 0.0314 +/- 0.0005	Std Dev: 0.0252 +/- 0.0005

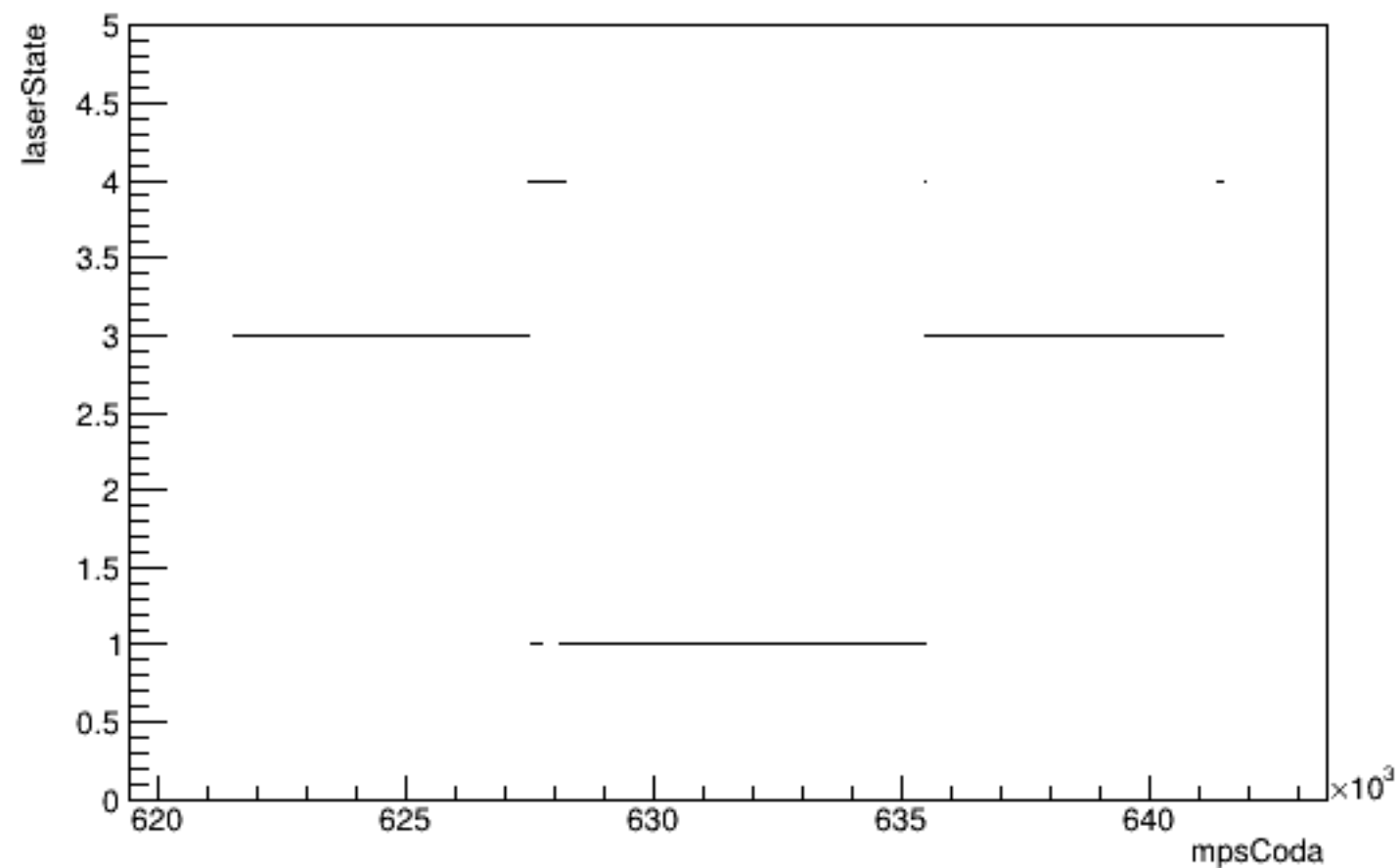
Run 6211 quartetwise, Asyms



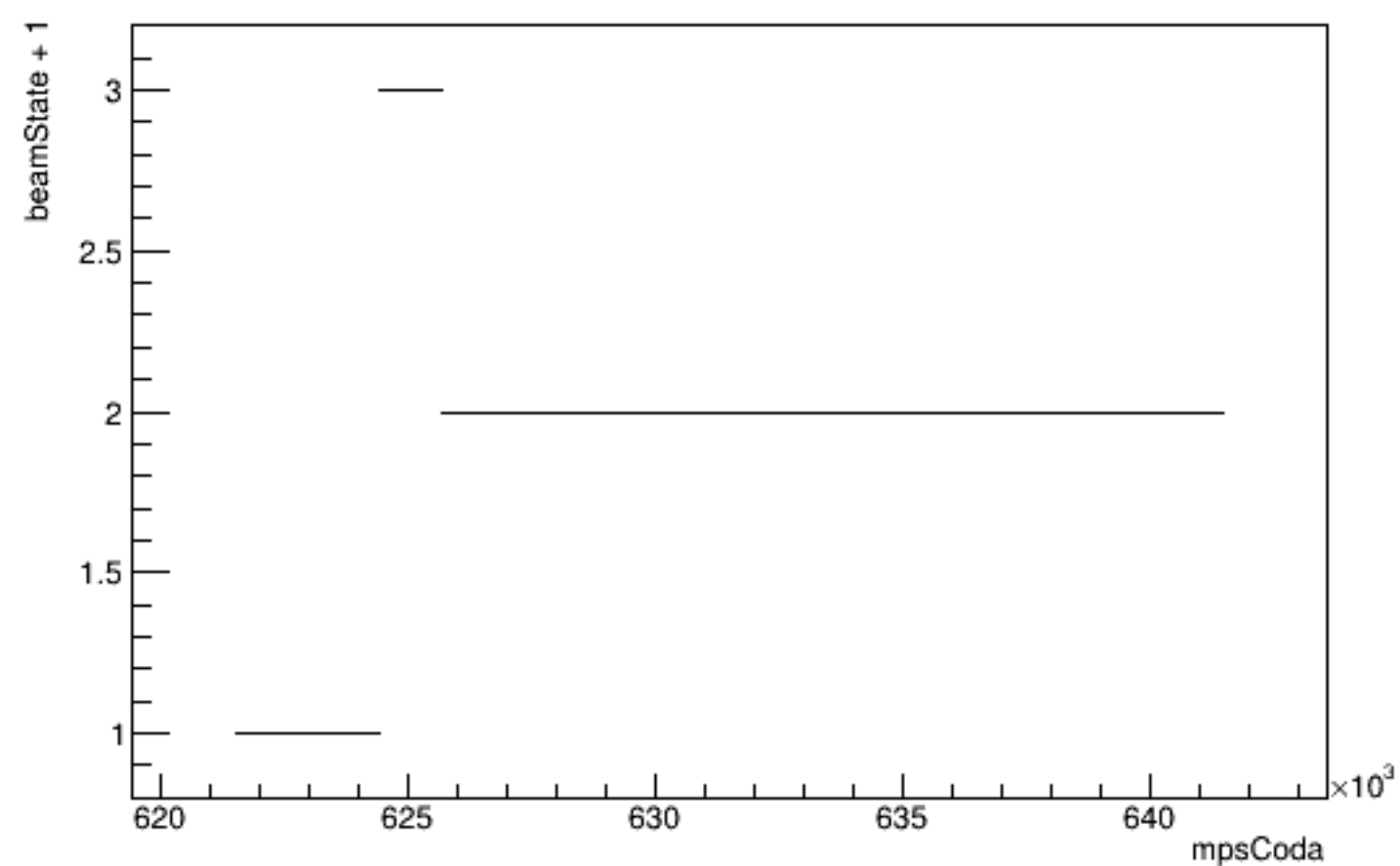
Acc0/NAcc0:mpsCoda (mpsCoda>=621539 && mpsCoda<=641454 && beamState==1)



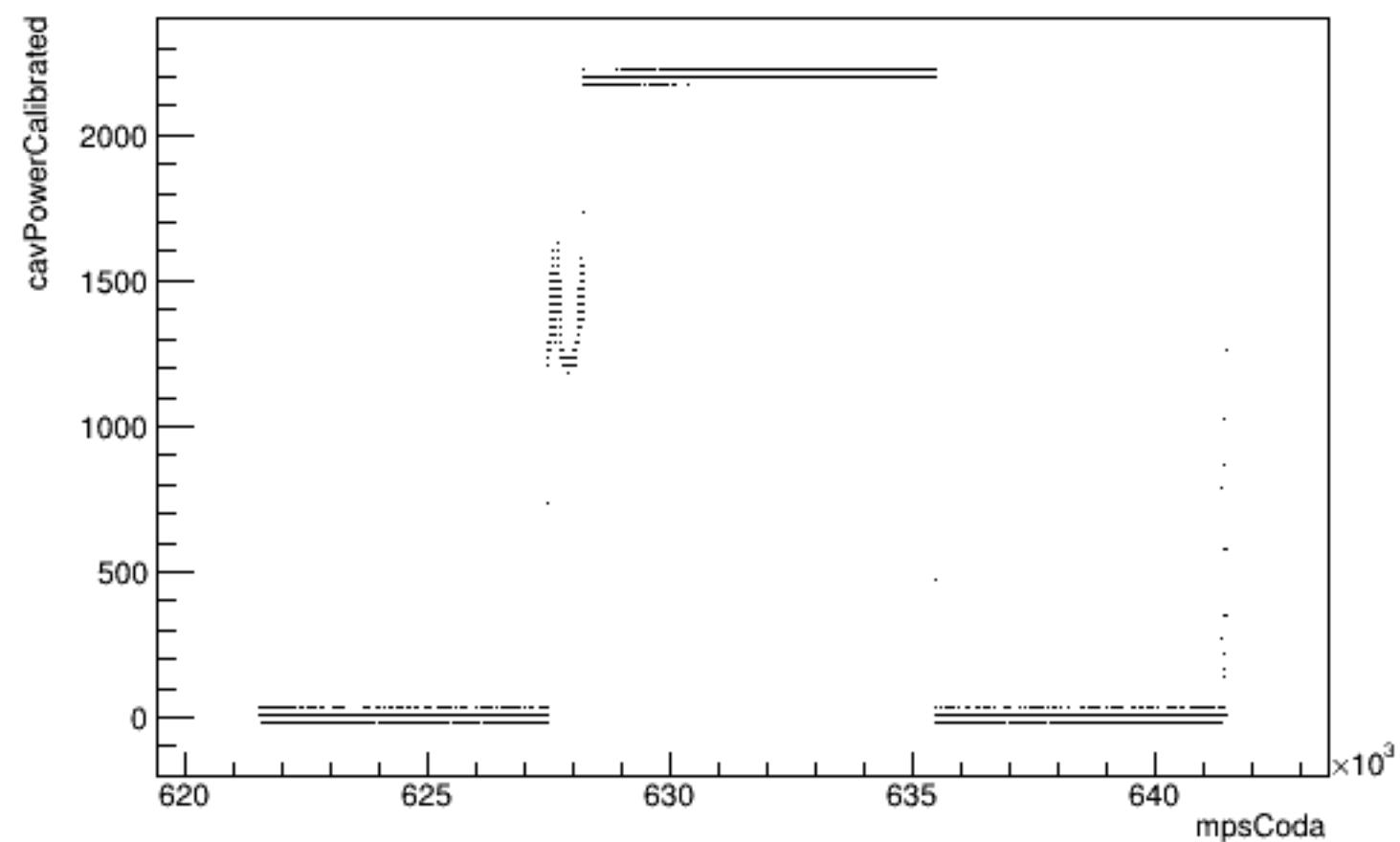
laserState:mpsCoda {mpsCoda>=621539 && mpsCoda<=641454}



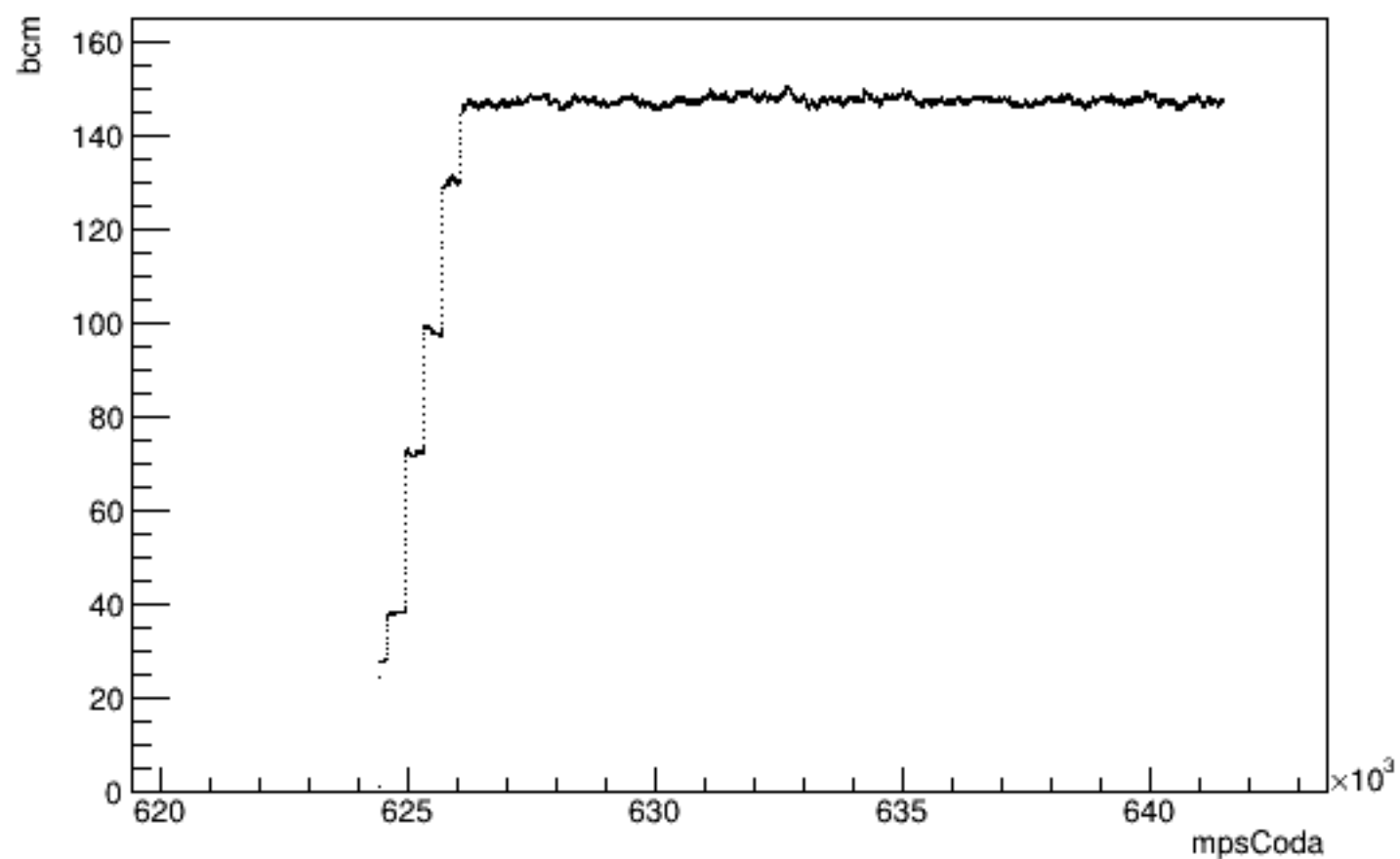
beamState + 1:mpsCoda {mpsCoda>=621539 && mpsCoda<=641454}



cavPowerCalibrated:mpsCoda {mpsCoda>=621539 && mpsCoda<=641454}



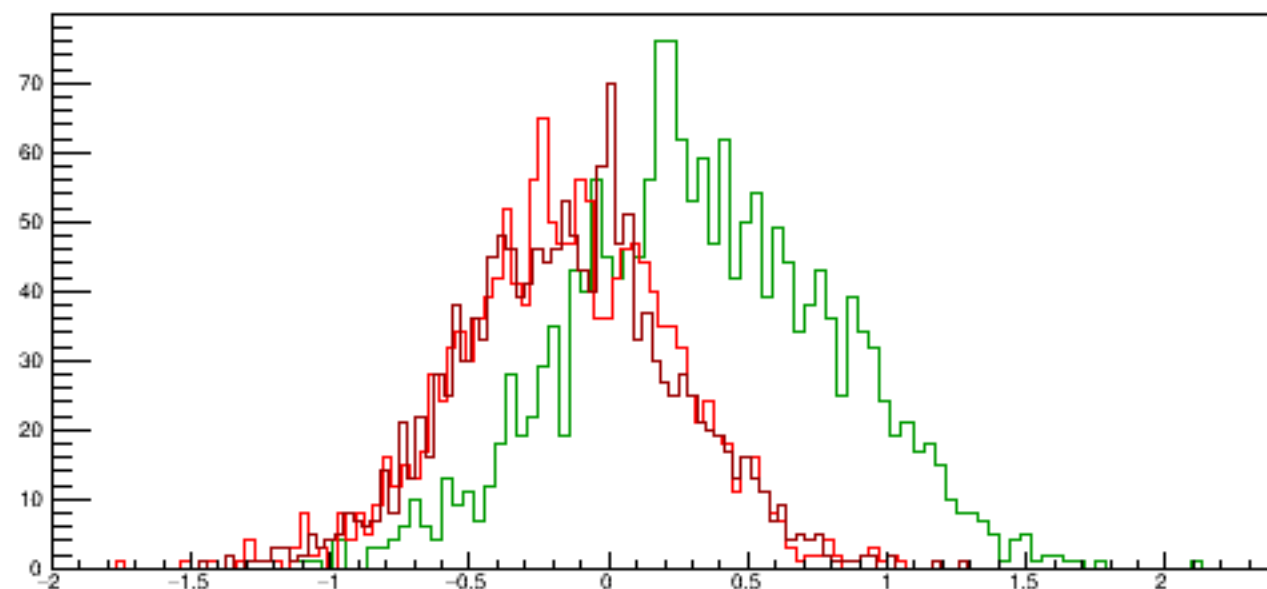
bcm:mpsCoda {mpsCoda>=621539 && mpsCoda<=641454}



Cycle 26, Diffs

Entries: 1496	Entries: 1803	Entries: 1491
Mean: -0.1479 +/- 0.0100	Mean: 0.3400 +/- 0.0112	Mean: -0.1486 +/- 0.0102
Std Dev: 0.3884 +/- 0.0071	Std Dev: 0.4755 +/- 0.0079	Std Dev: 0.3923 +/- 0.0072

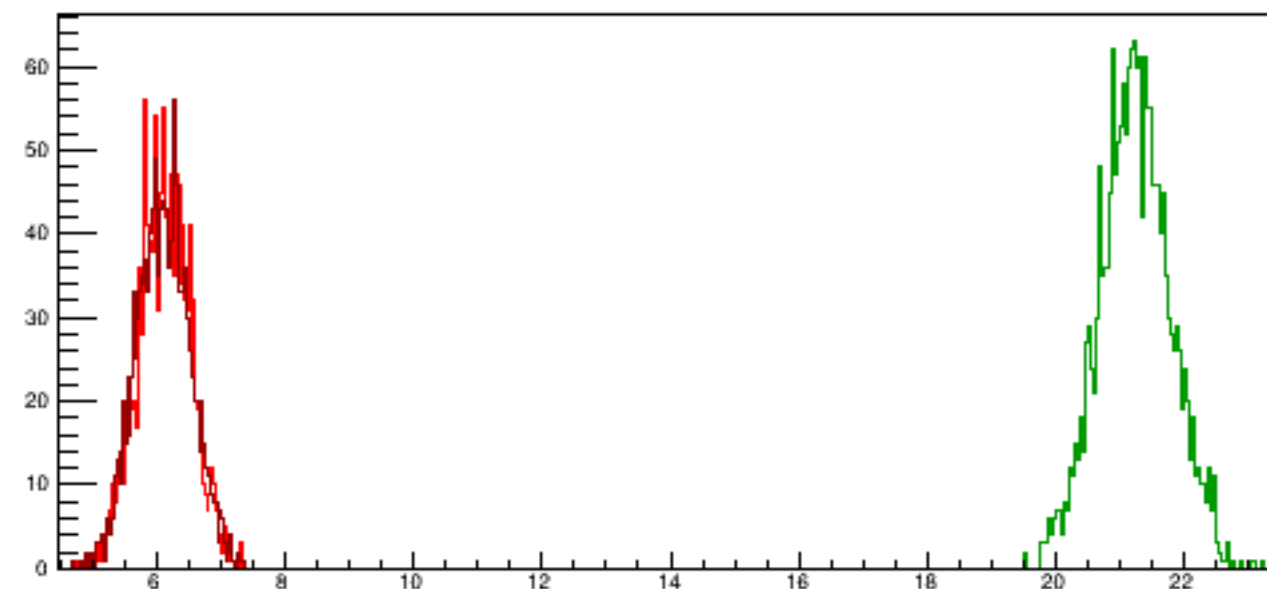
Run 6211 quartetwise, Diffs



Cycle 26, Sums

Entries: 1496	Entries: 1803	Entries: 1491
Mean: 6.1028 +/- 0.0105	Mean: 21.2441 +/- 0.0129	Mean: 6.0940 +/- 0.0109
Std Dev: 0.4047 +/- 0.0074	Std Dev: 0.5484 +/- 0.0091	Std Dev: 0.4211 +/- 0.0077

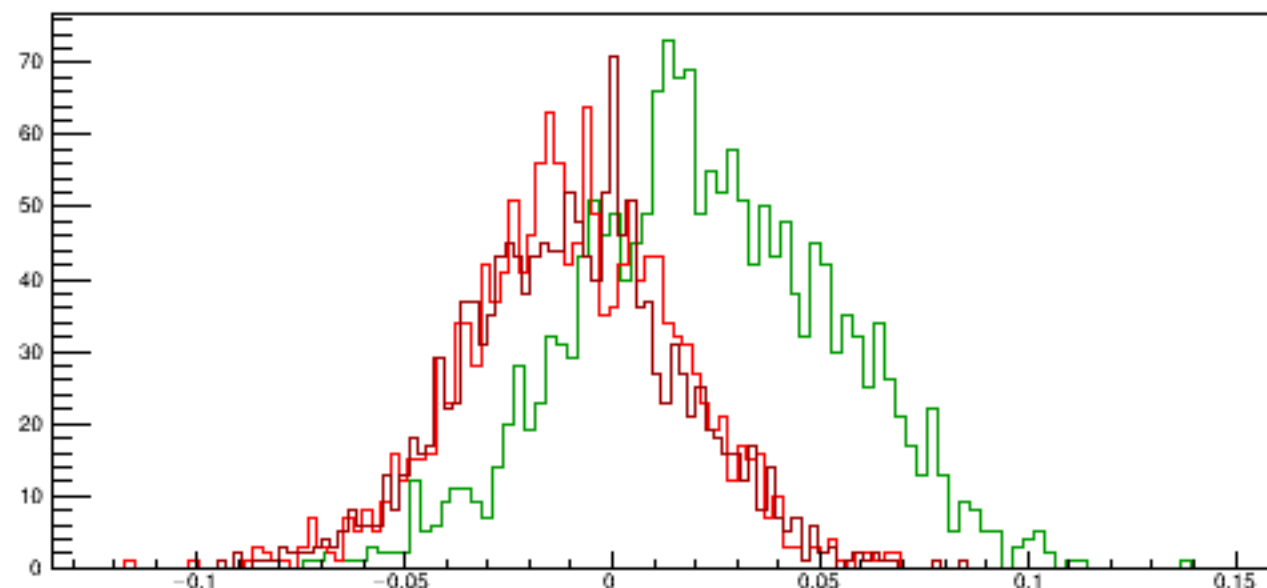
Run 6211 quartetwise, Sums



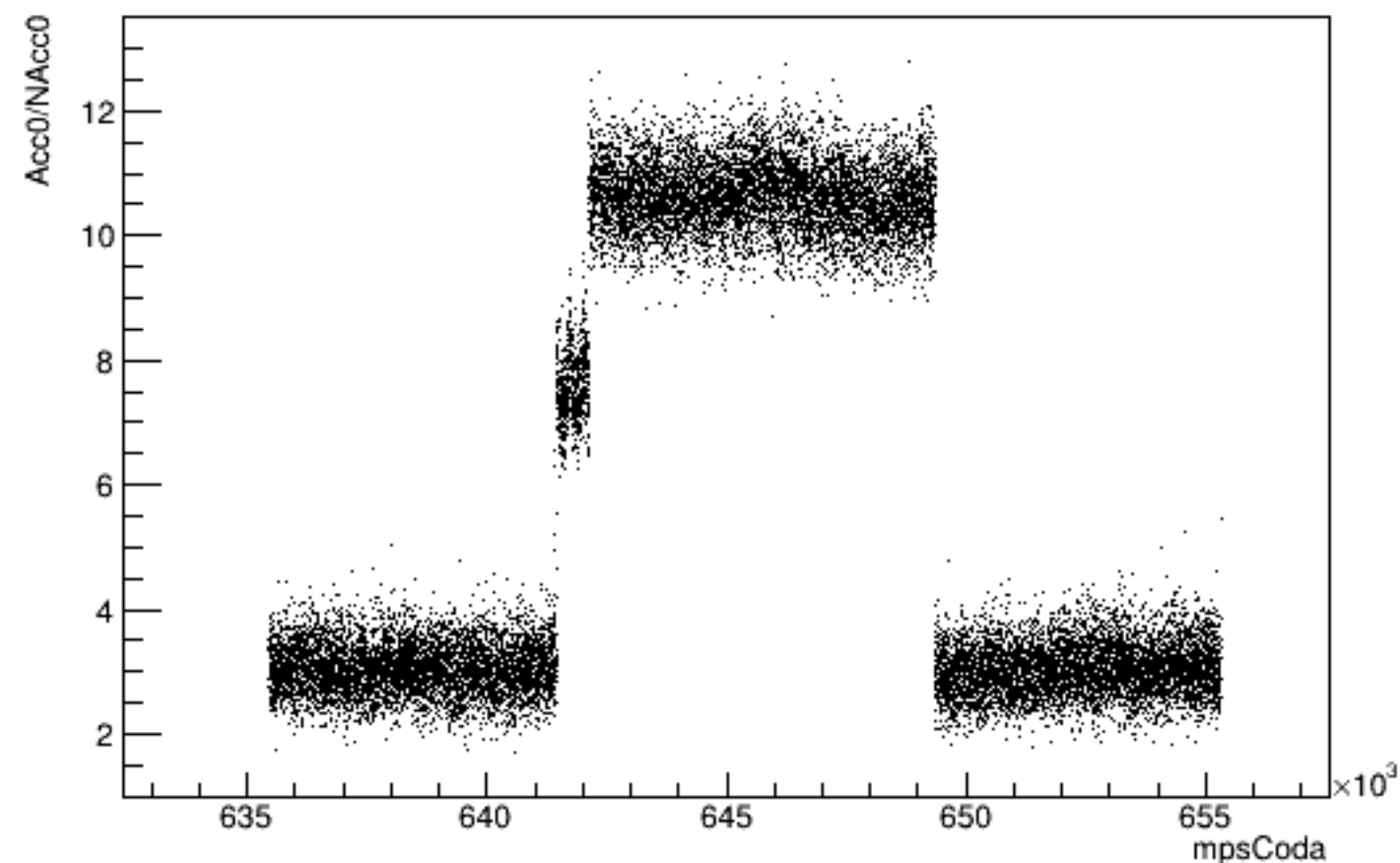
Cycle 26, Asyms

Entries: 1496	Entries: 1803	Entries: 1491
Mean: -0.0098 +/- 0.0007	Mean: 0.0224 +/- 0.0007	Mean: -0.0098 +/- 0.0007
Std Dev: 0.0256 +/- 0.0005	Std Dev: 0.0314 +/- 0.0005	Std Dev: 0.0259 +/- 0.0005

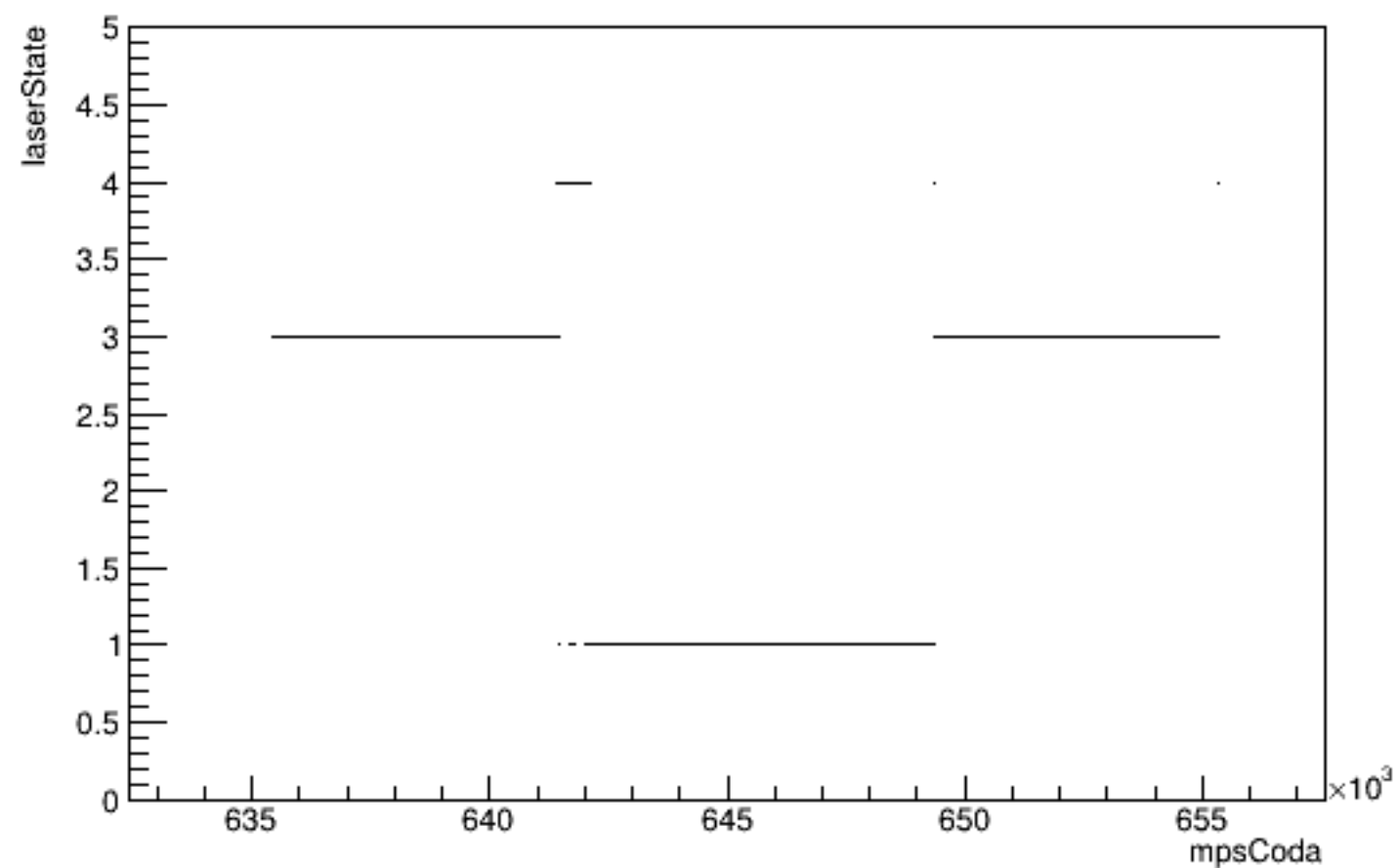
Run 6211 quartetwise, Asyms



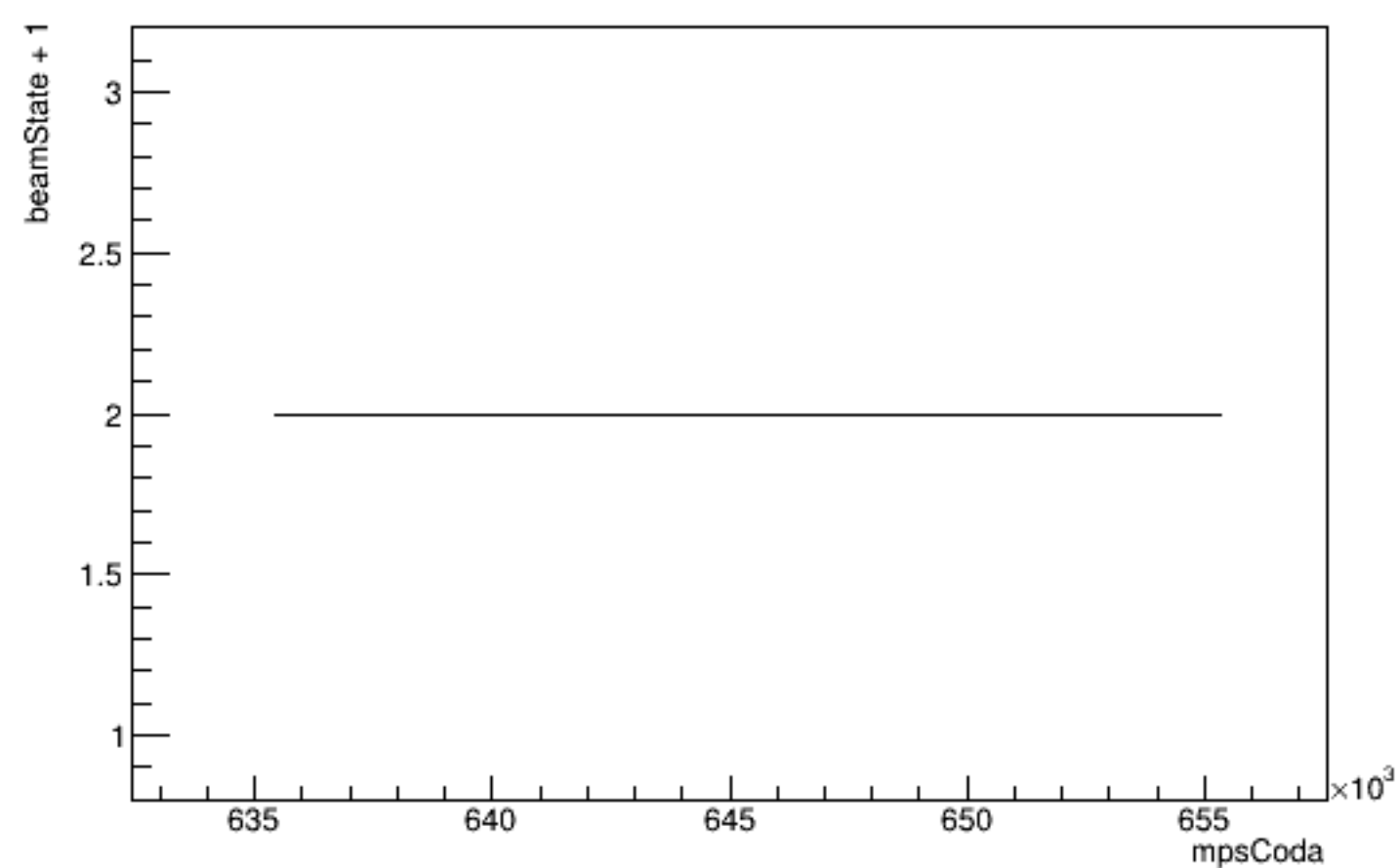
Acc0/NAcc0:mpsCoda (mpsCoda>=635447 && mpsCoda<=655322 && beamState==1)



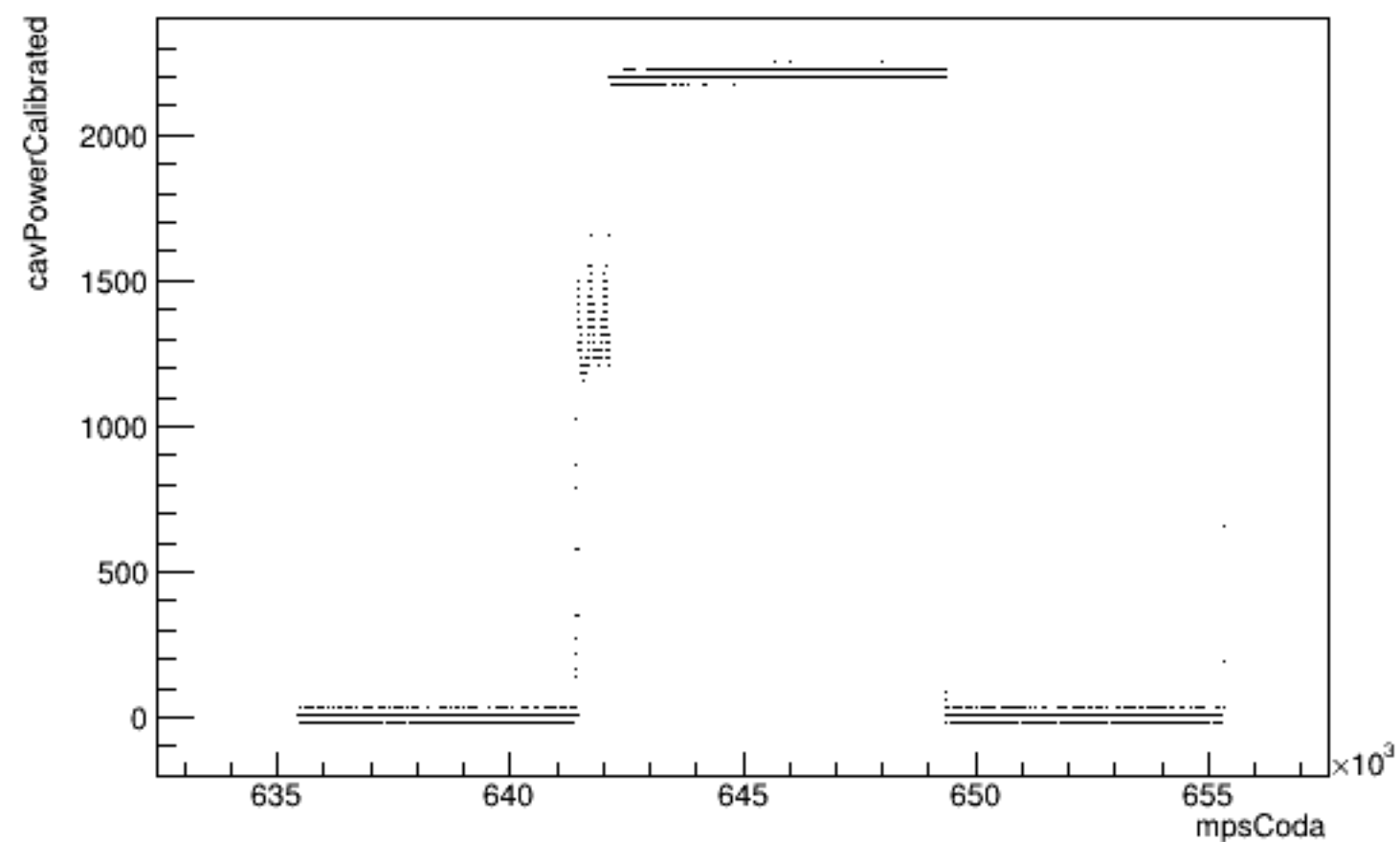
laserState:mpsCoda {mpsCoda>=635447 && mpsCoda<=655322}



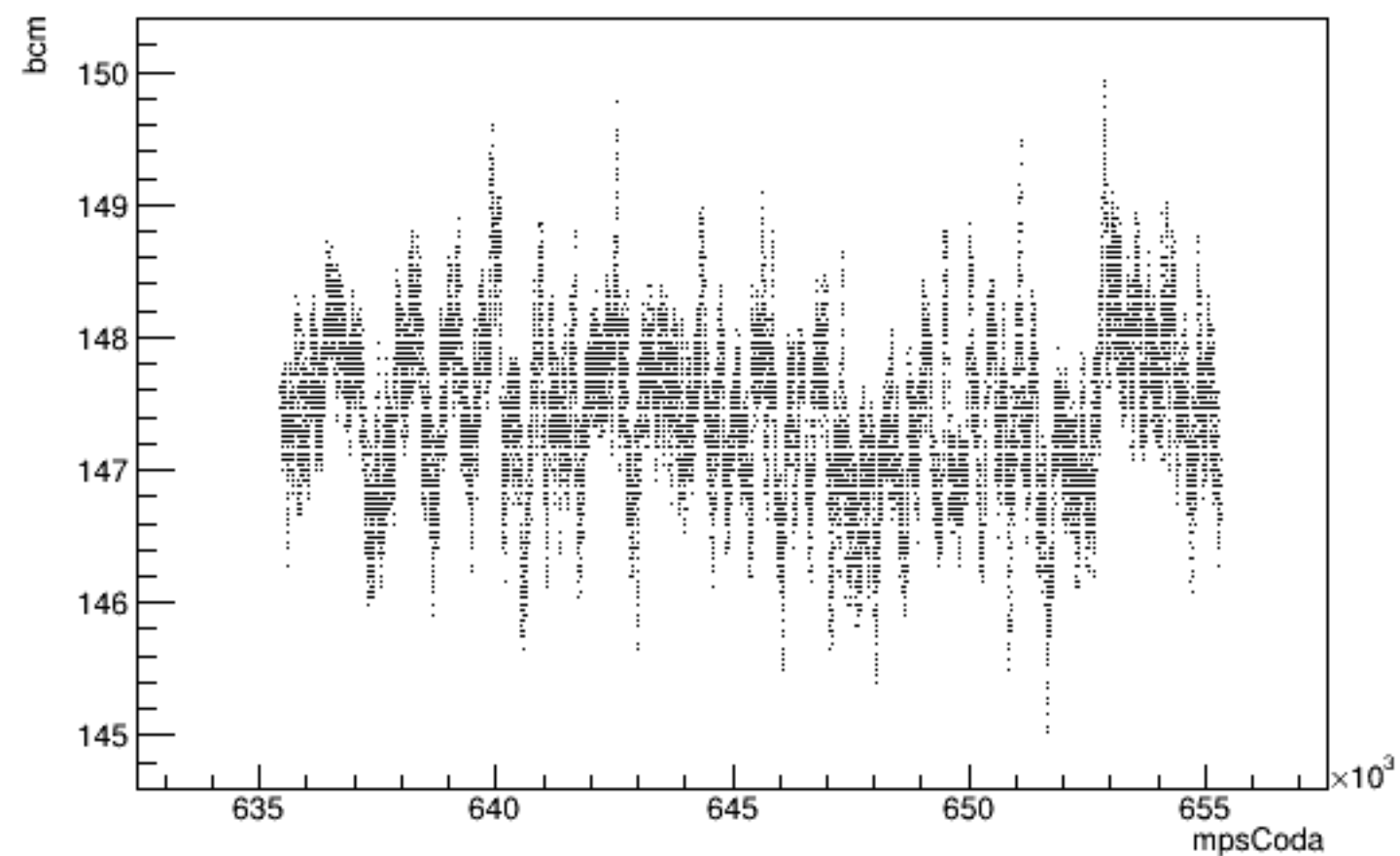
beamState + 1:mpsCoda {mpsCoda>=635447 && mpsCoda<=655322}



cavPowerCalibrated:mpsCoda {mpsCoda>=635447 && mpsCoda<=655322}



bcm:mpsCoda {mpsCoda>=635447 && mpsCoda<=655322}



Cycle 27, Diffs

Entries: 1491

Mean: -0.1486 +/- 0.0102

Std Dev: 0.3923 +/- 0.0072

Entries: 1805

Mean: 0.3619 +/- 0.0115

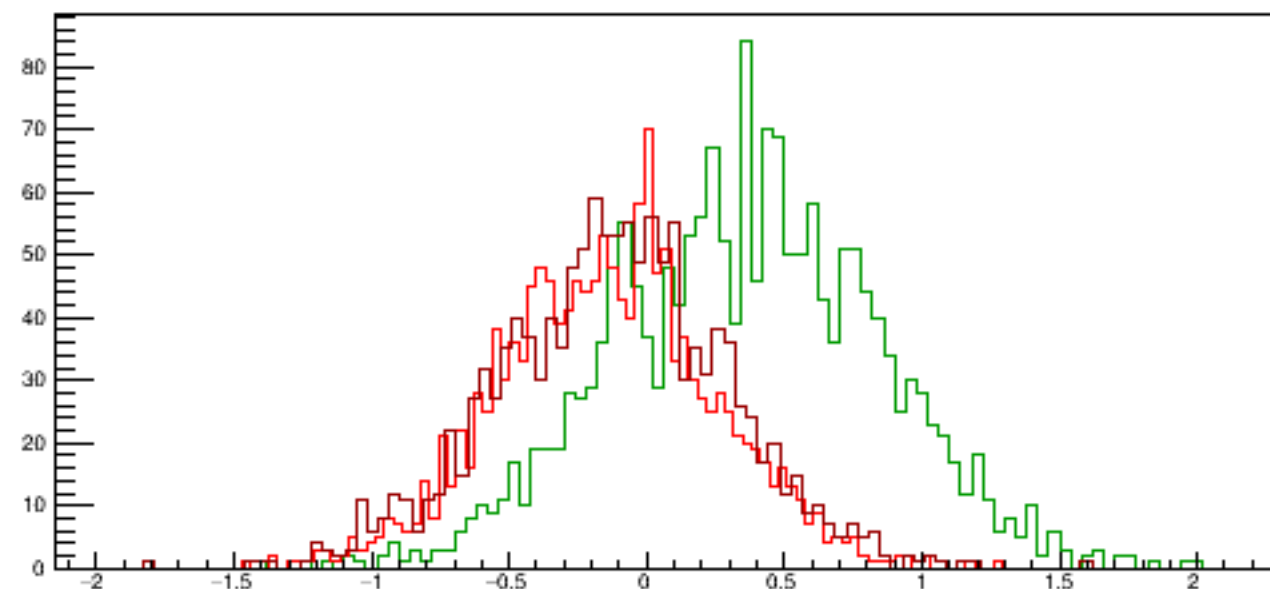
Std Dev: 0.4865 +/- 0.0081

Entries: 1306

Mean: -0.1276 +/- 0.0116

Std Dev: 0.4186 +/- 0.0082

Run 6211 quartetwise, Diffs



Cycle 27, Sums

Entries: 1491

Mean: 6.0940 +/- 0.0109

Std Dev: 0.4211 +/- 0.0077

Entries: 1805

Mean: 21.2684 +/- 0.0130

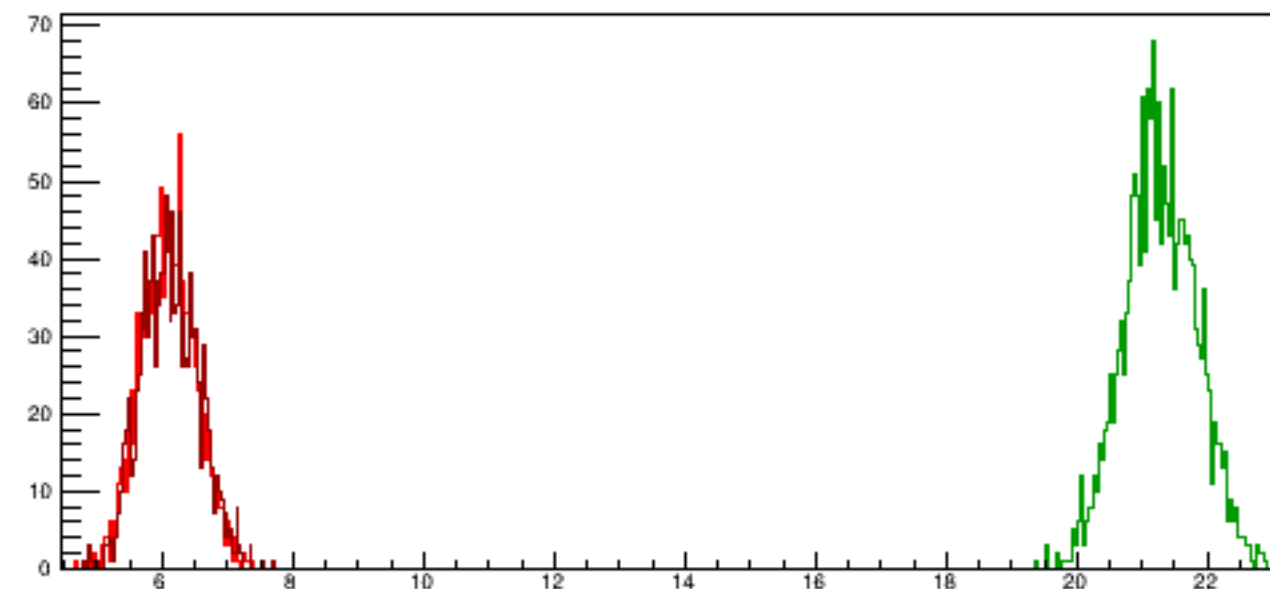
Std Dev: 0.5527 +/- 0.0092

Entries: 1306

Mean: 6.1212 +/- 0.0120

Std Dev: 0.4332 +/- 0.0085

Run 6211 quartetwise, Sums



Cycle 27, Asyms

Entries: 1491

Mean: -0.0098 +/- 0.0007

Std Dev: 0.0259 +/- 0.0005

Entries: 1805

Mean: 0.0239 +/- 0.0008

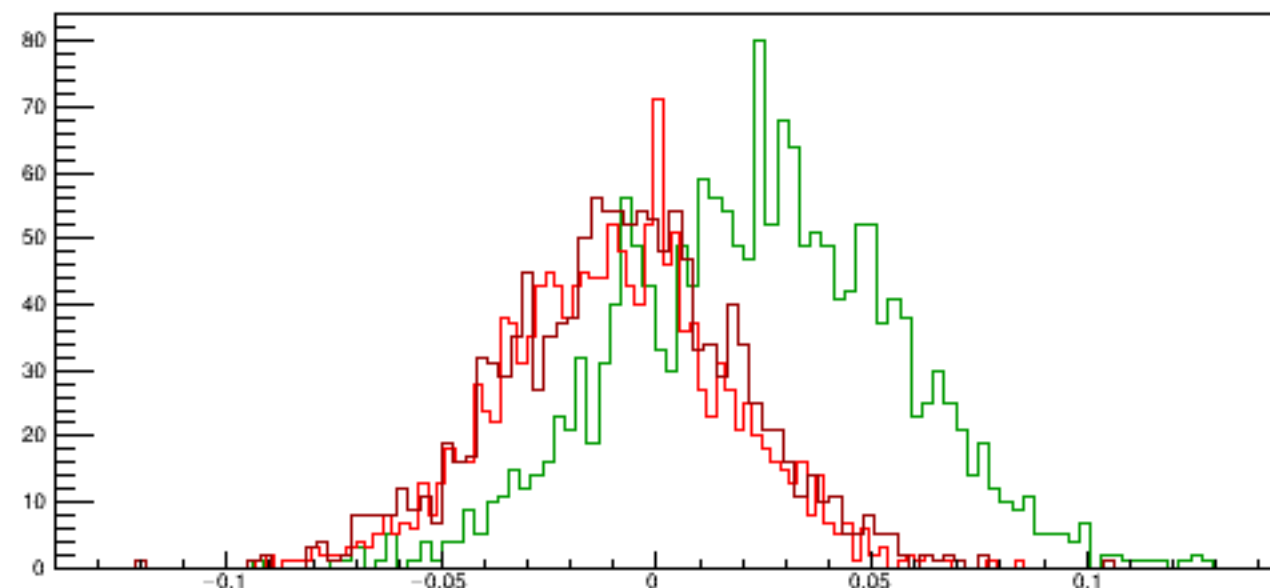
Std Dev: 0.0321 +/- 0.0005

Entries: 1306

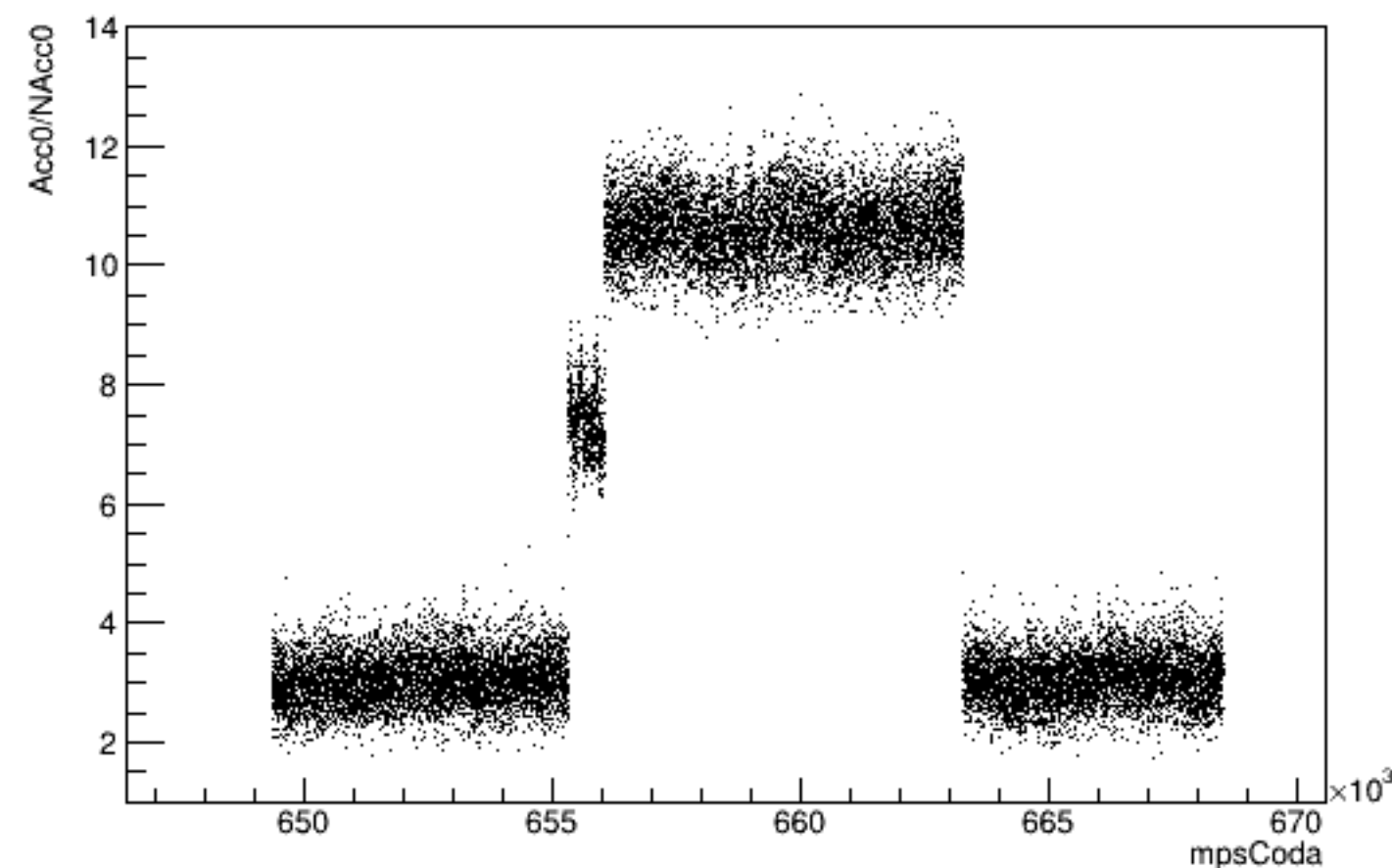
Mean: -0.0084 +/- 0.0008

Std Dev: 0.0276 +/- 0.0005

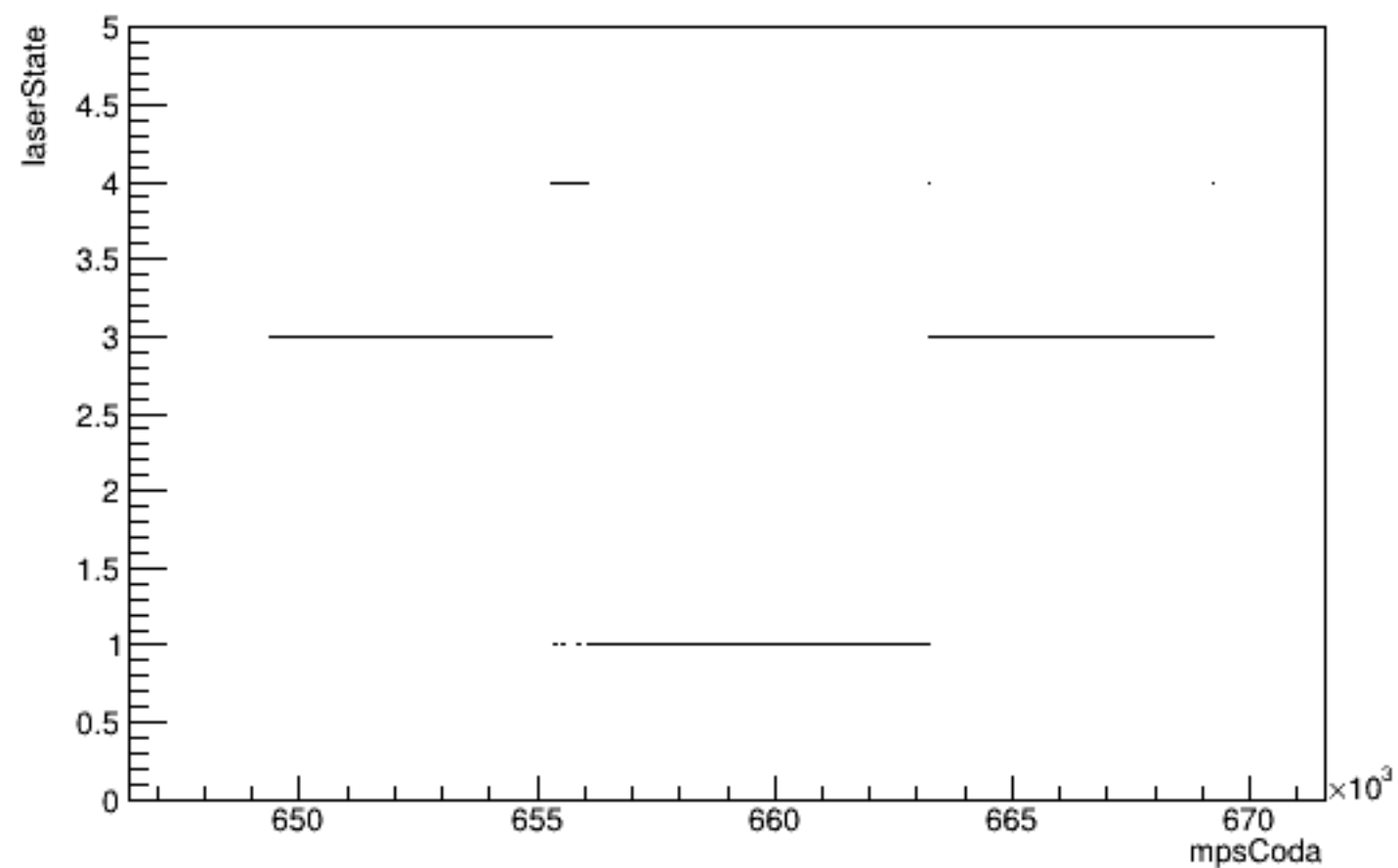
Run 6211 quartetwise, Asyms



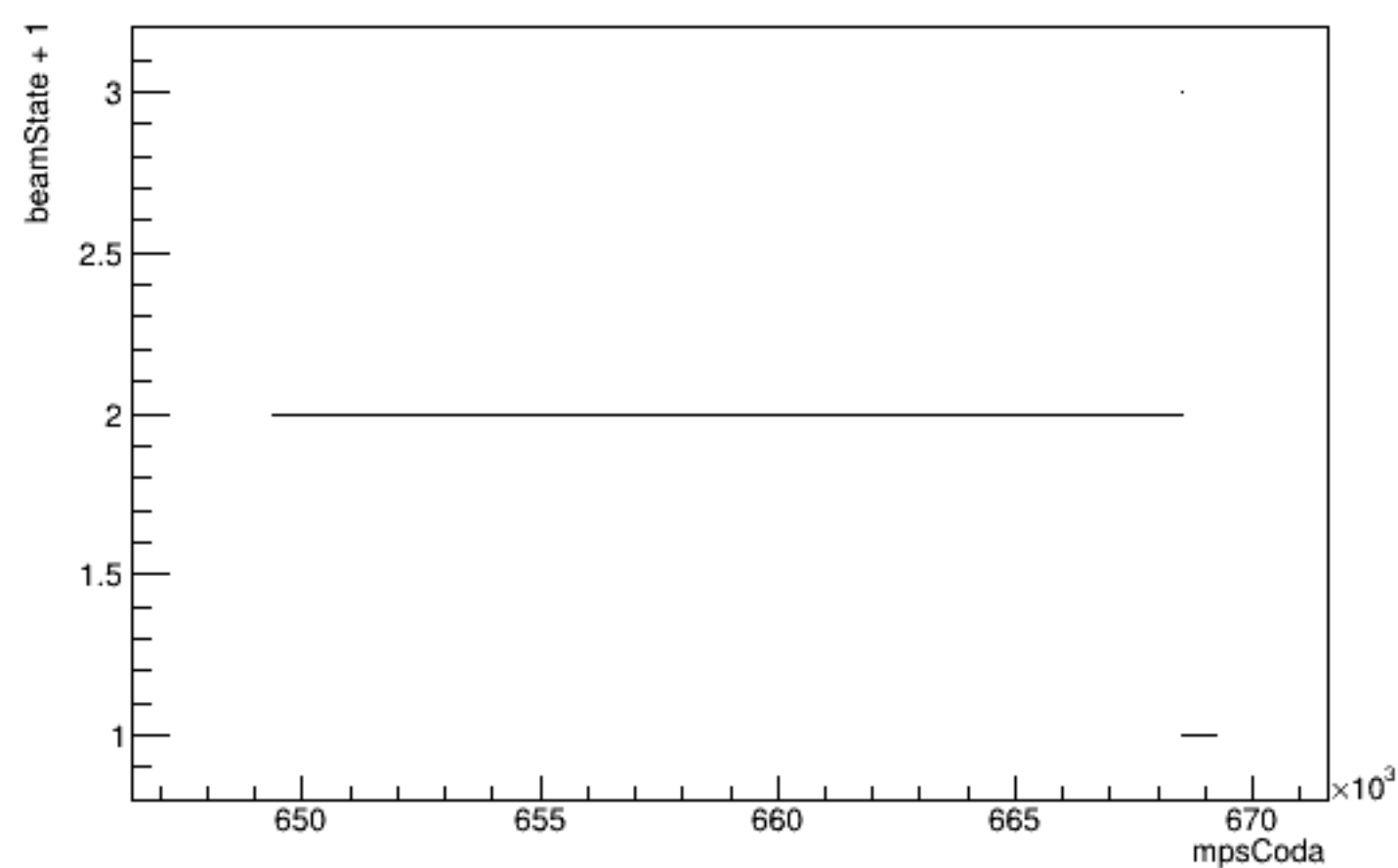
Acc0/NAcc0:mpsCoda (mpsCoda>=649355 && mpsCoda<=669254 && beamState==1)



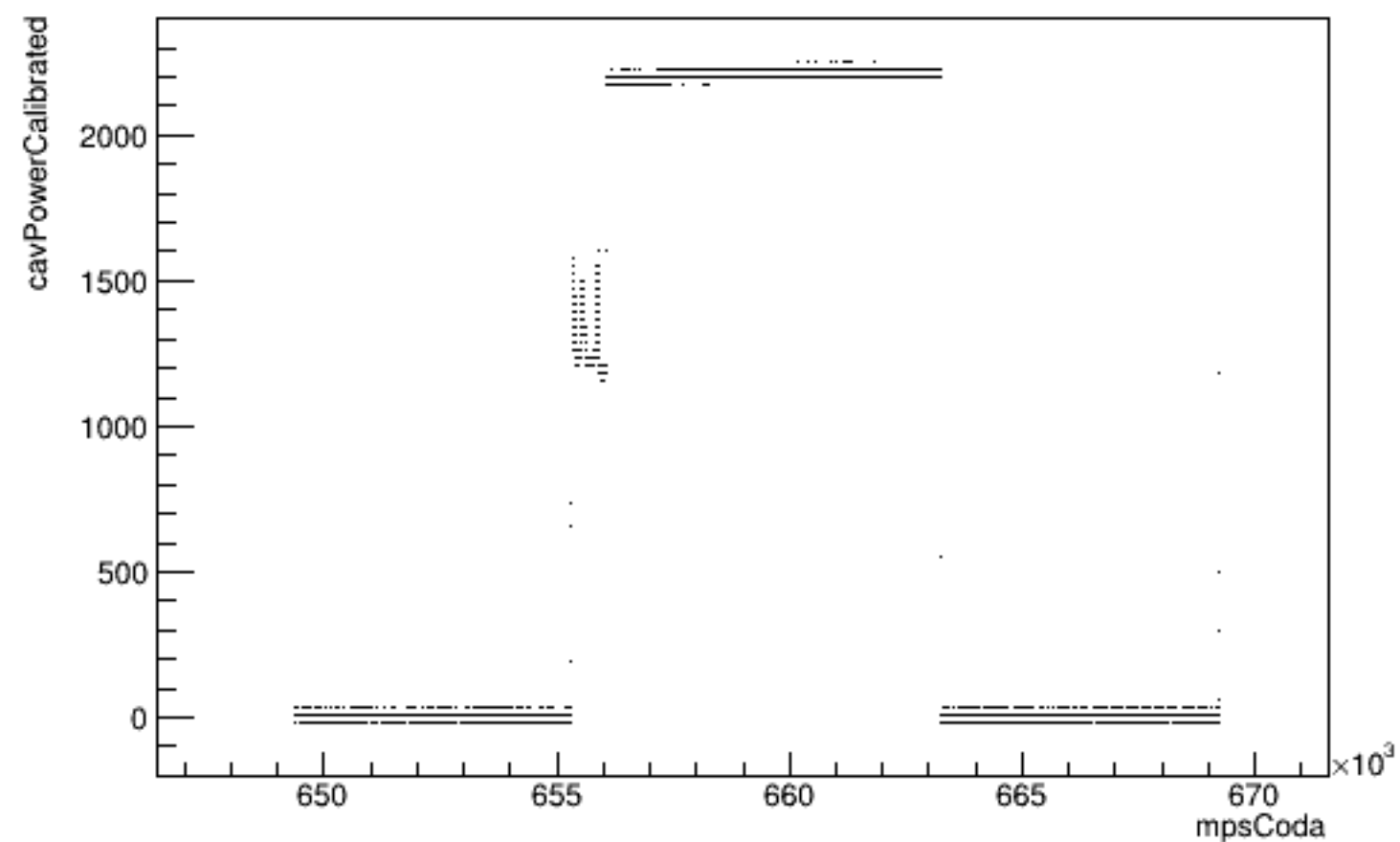
laserState:mpsCoda {mpsCoda>=649355 && mpsCoda<=669254}



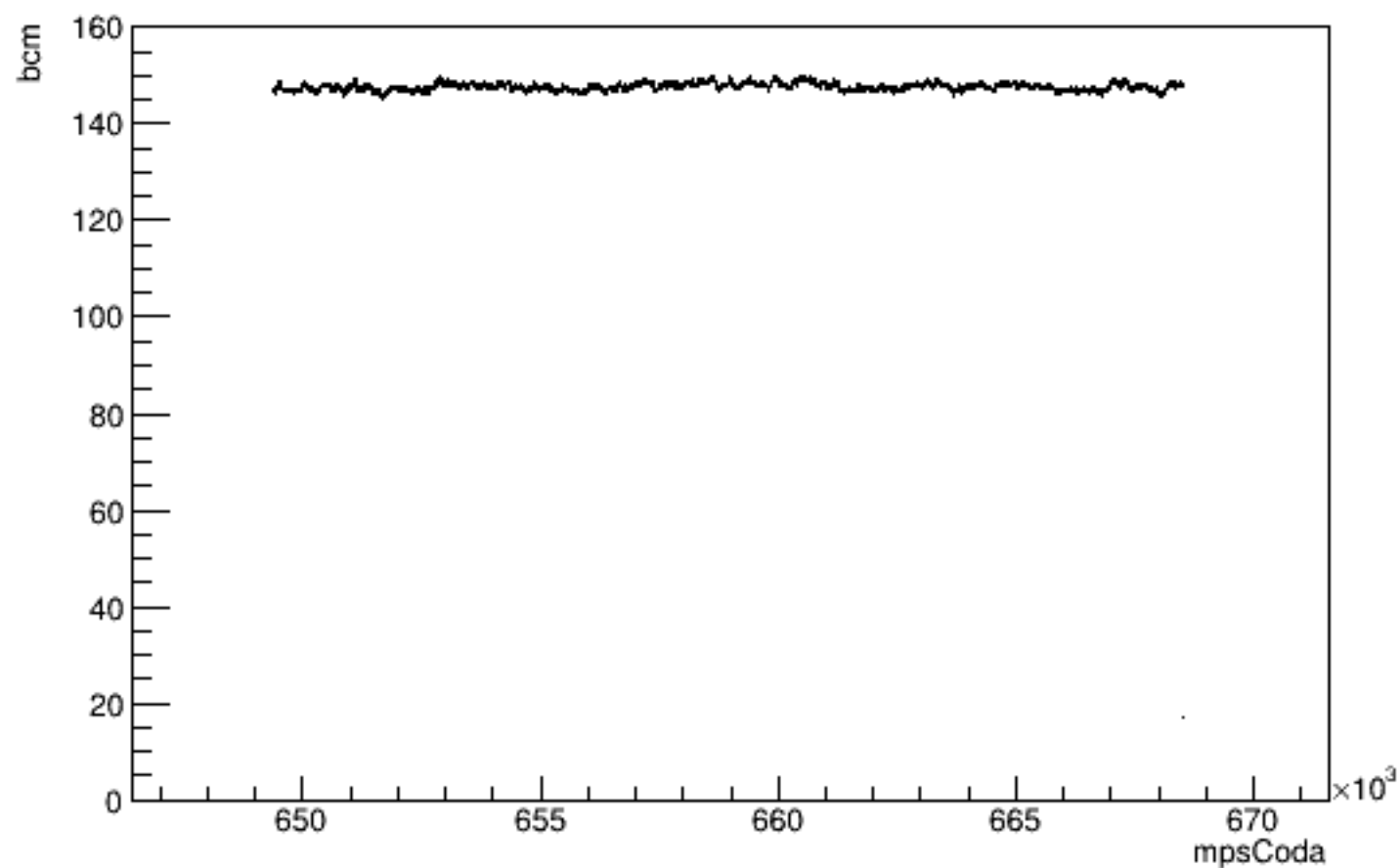
beamState + 1:mpsCoda {mpsCoda>=649355 && mpsCoda<=669254}



cavPowerCalibrated:mpsCoda {mpsCoda>=649355 && mpsCoda<=669254}



bcm:mpsCoda {mpsCoda>=649355 && mpsCoda<=669254}



Cycle 28, Diffs

Entries: 1484

Mean: -0.1067 +/- 0.0099

Std Dev: 0.3796 +/- 0.0070

Entries: 935

Mean: 0.3981 +/- 0.0149

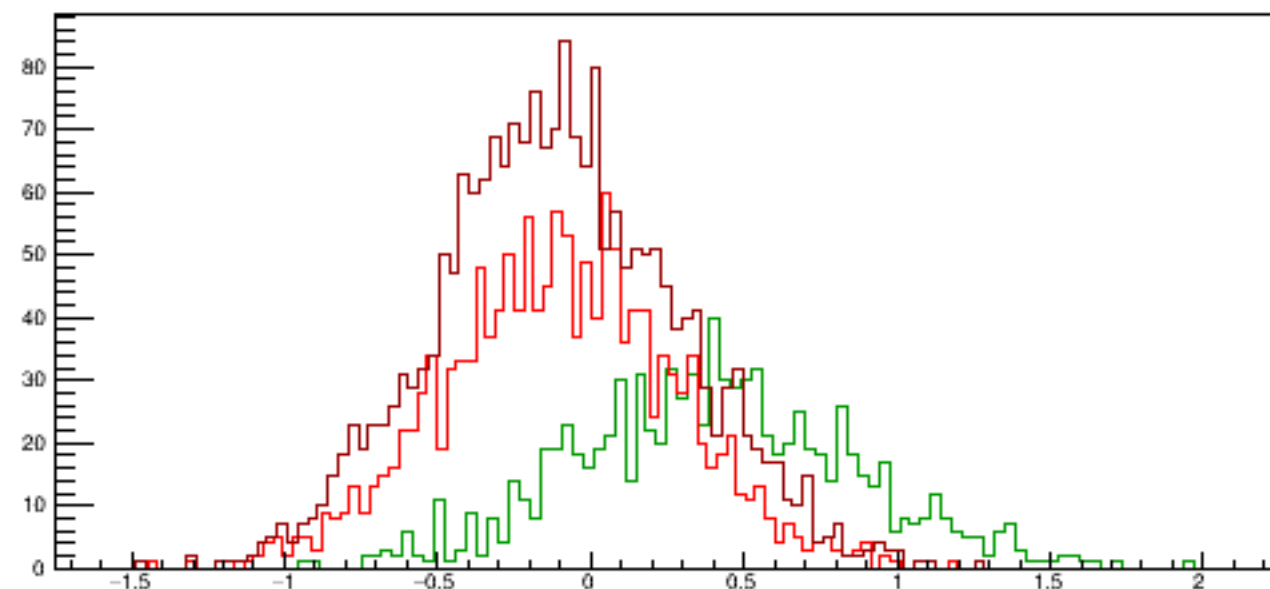
Std Dev: 0.4559 +/- 0.0105

Entries: 2119

Mean: -0.1074 +/- 0.0086

Std Dev: 0.3954 +/- 0.0061

Run 6211 quartetwise, Diffs



Cycle 28, Sums

Entries: 1484

Mean: 6.1257 +/- 0.0110

Std Dev: 0.4219 +/- 0.0077

Entries: 935

Mean: 21.0993 +/- 0.0402

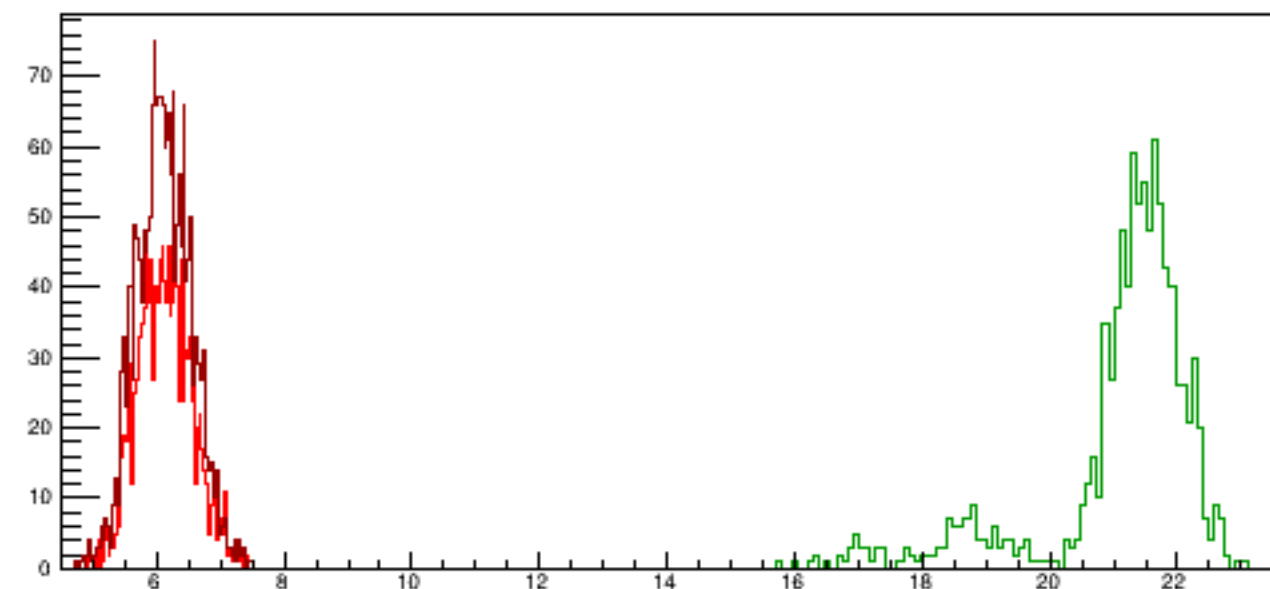
Std Dev: 1.2300 +/- 0.0284

Entries: 2119

Mean: 6.1181 +/- 0.0094

Std Dev: 0.4322 +/- 0.0066

Run 6211 quartetwise, Sums



Cycle 28, Asyms

Entries: 1484

Mean: -0.0071 +/- 0.0007

Std Dev: 0.0253 +/- 0.0005

Entries: 935

Mean: 0.0268 +/- 0.0010

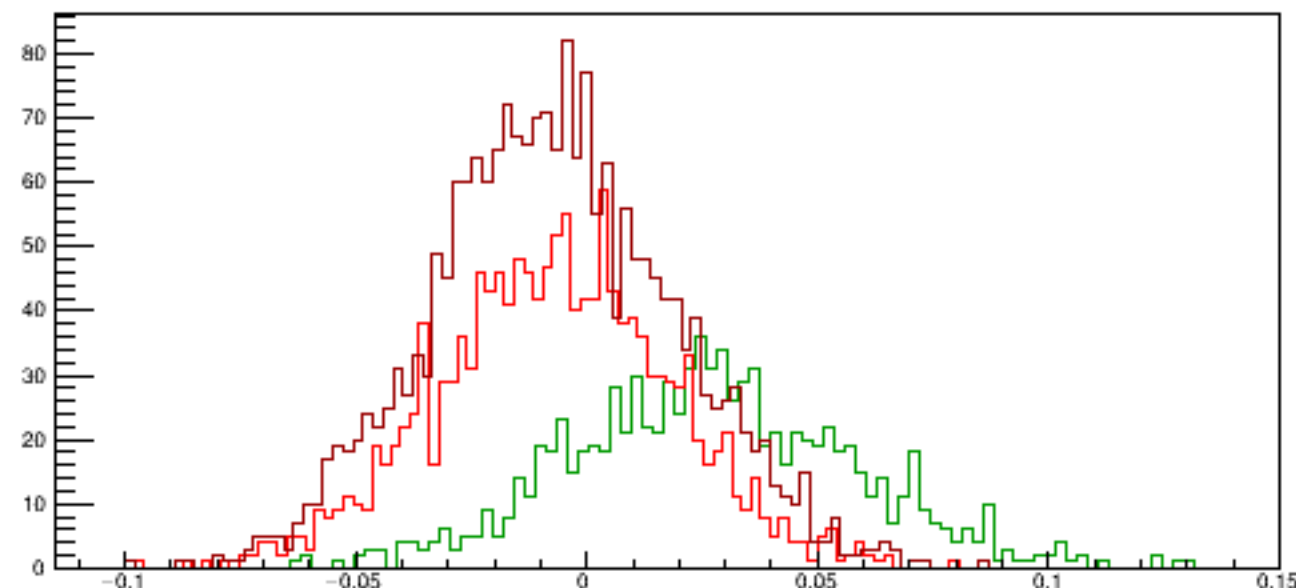
Std Dev: 0.0310 +/- 0.0007

Entries: 2119

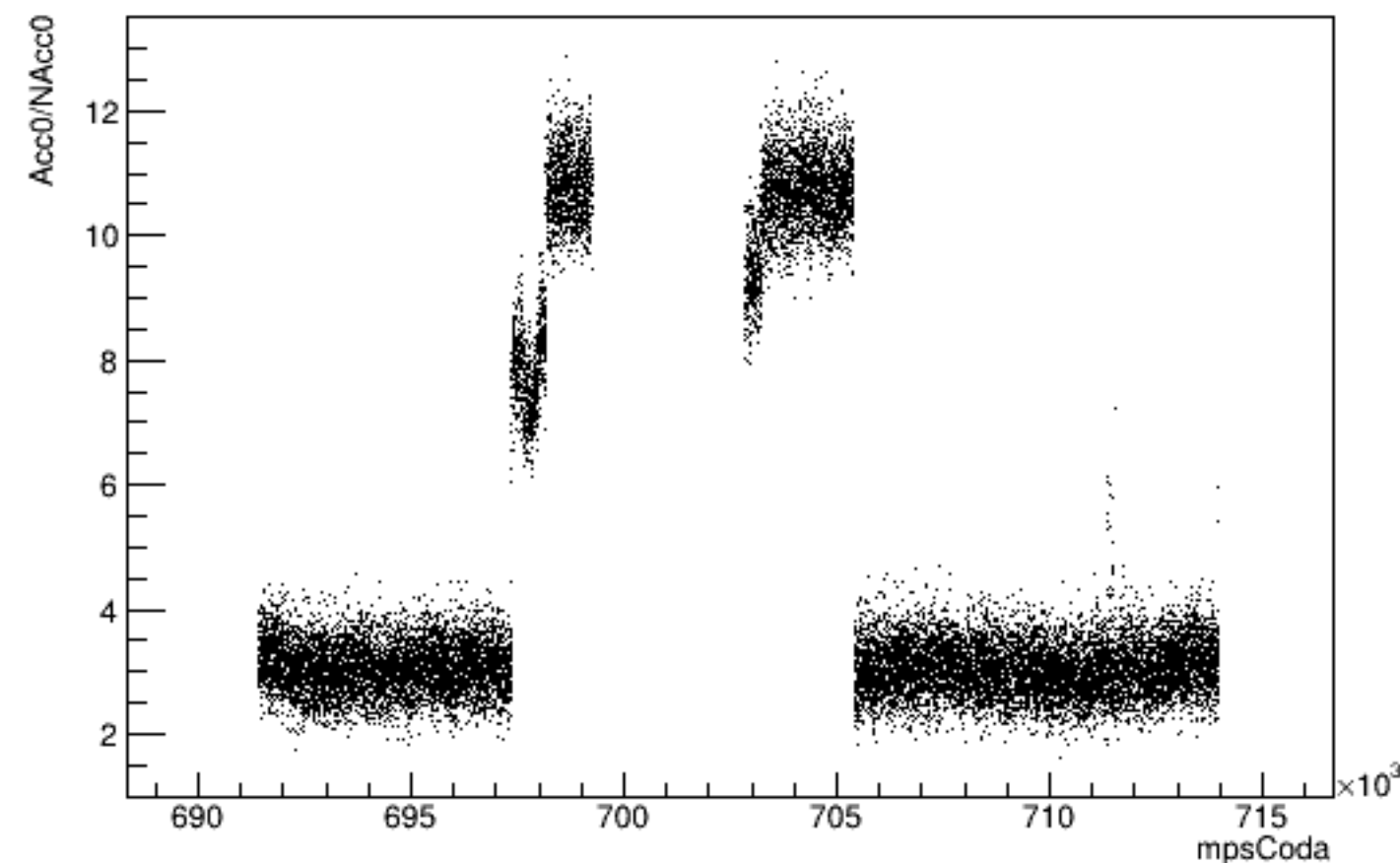
Mean: -0.0072 +/- 0.0006

Std Dev: 0.0264 +/- 0.0004

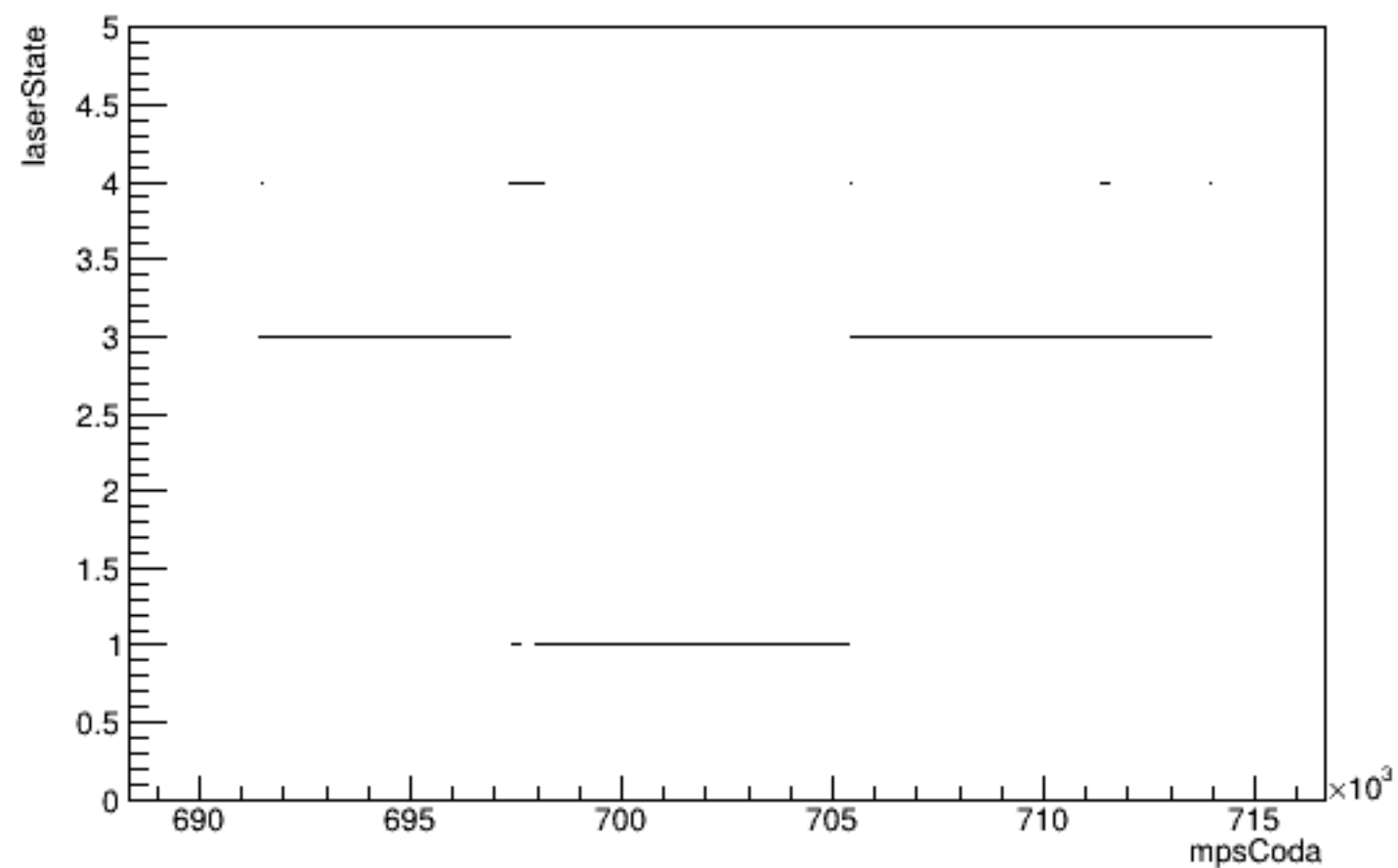
Run 6211 quartetwise, Asyms



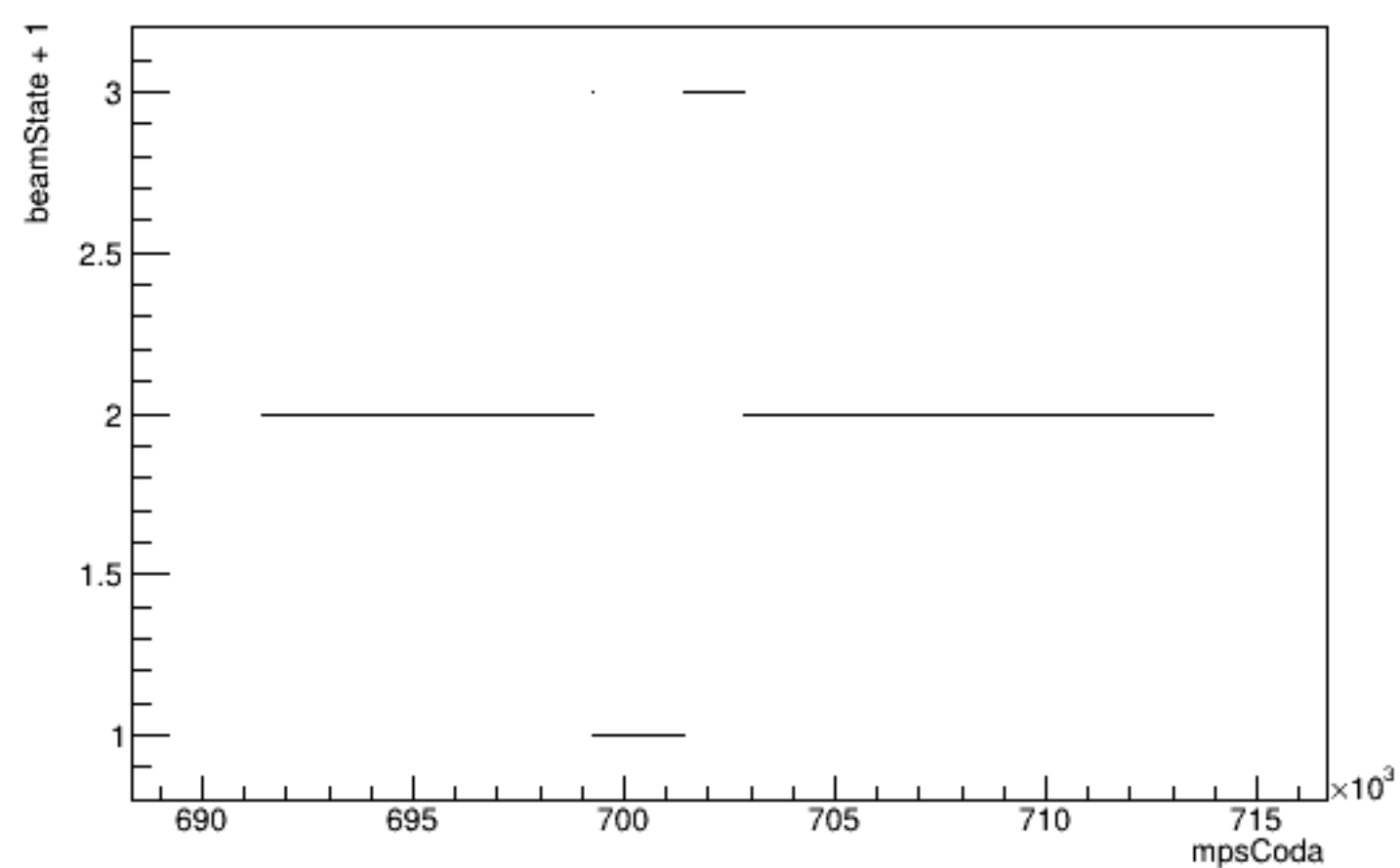
Acc0/NAcc0:mpsCoda (mpsCoda>=691419 && mpsCoda<=713966 && beamState==1)



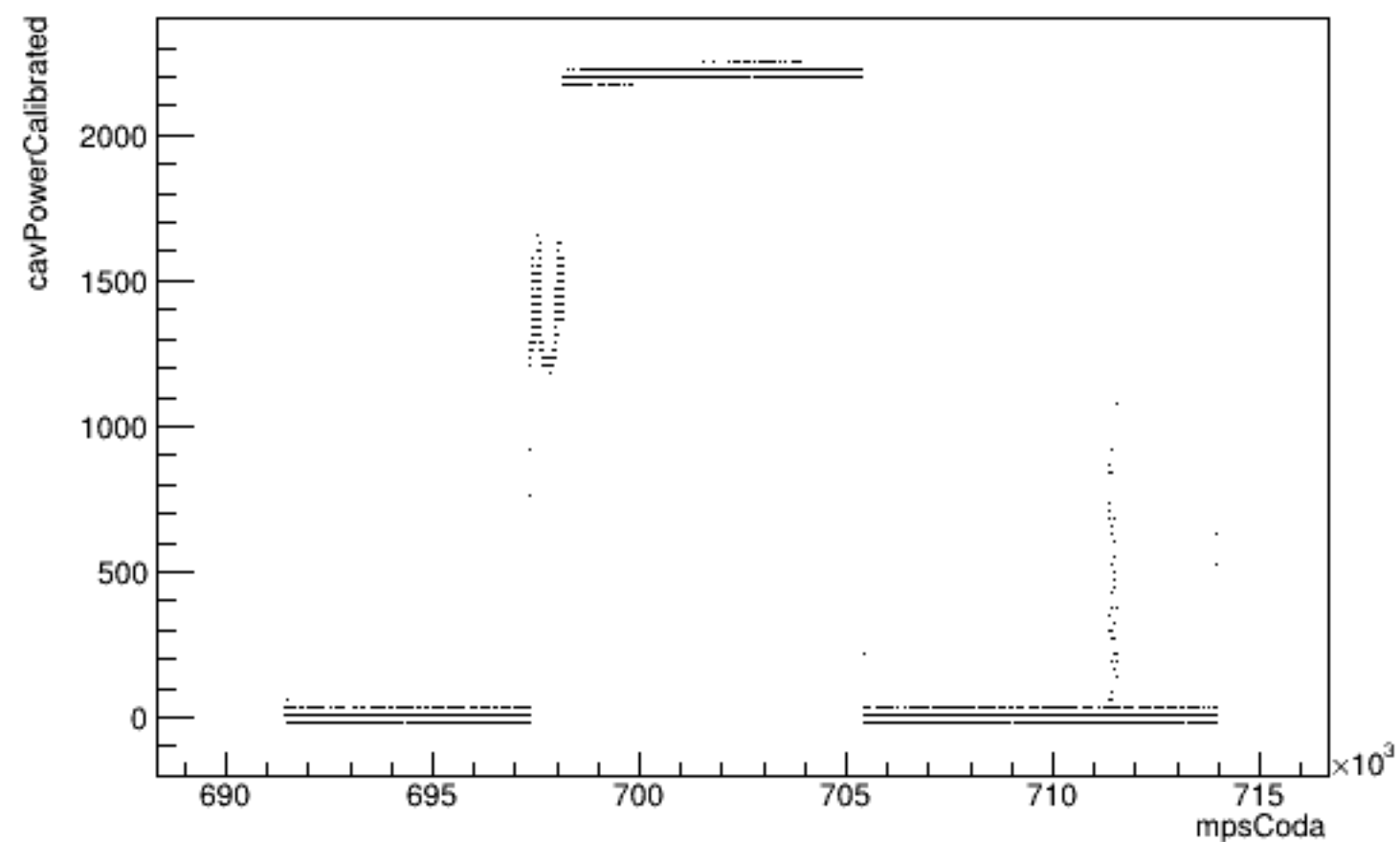
laserState:mpsCoda {mpsCoda>=691419 && mpsCoda<=713966}



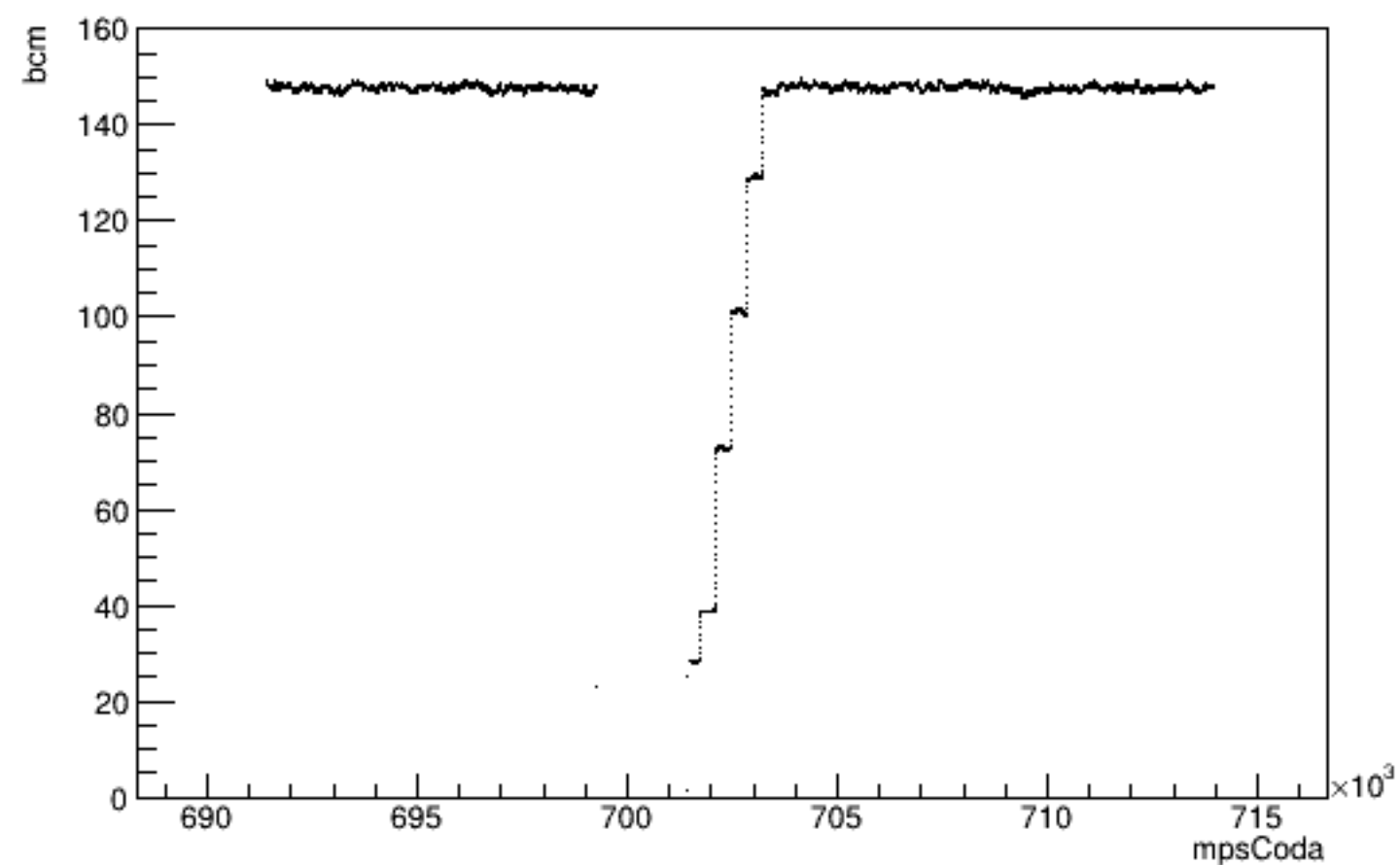
beamState + 1:mpsCoda {mpsCoda>=691419 && mpsCoda<=713966}



cavPowerCalibrated:mpsCoda {mpsCoda>=691419 && mpsCoda<=713966}



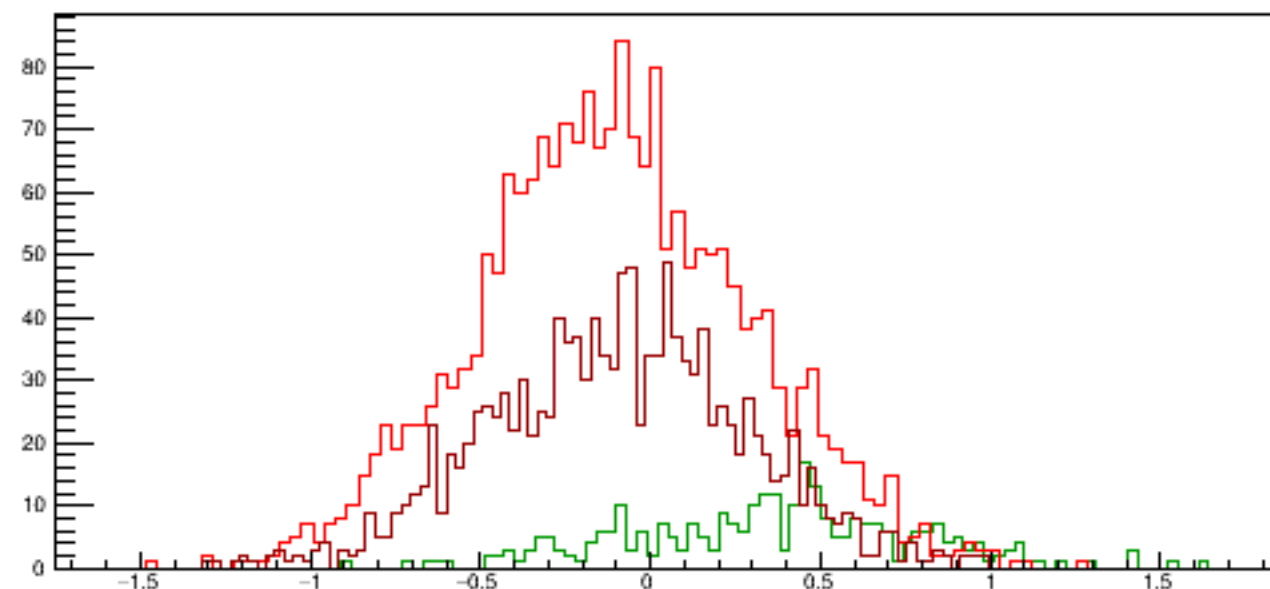
bcm:mpsCoda {mpsCoda>=691419 && mpsCoda<=713966}



Cycle 29, Diffs

Entries: 2119	Entries: 304	Entries: 1336
Mean: -0.1074 +/- 0.0086	Mean: 0.3588 +/- 0.0249	Mean: -0.0974 +/- 0.0103
Std Dev: 0.3954 +/- 0.0061	Std Dev: 0.4333 +/- 0.0176	Std Dev: 0.3782 +/- 0.0073

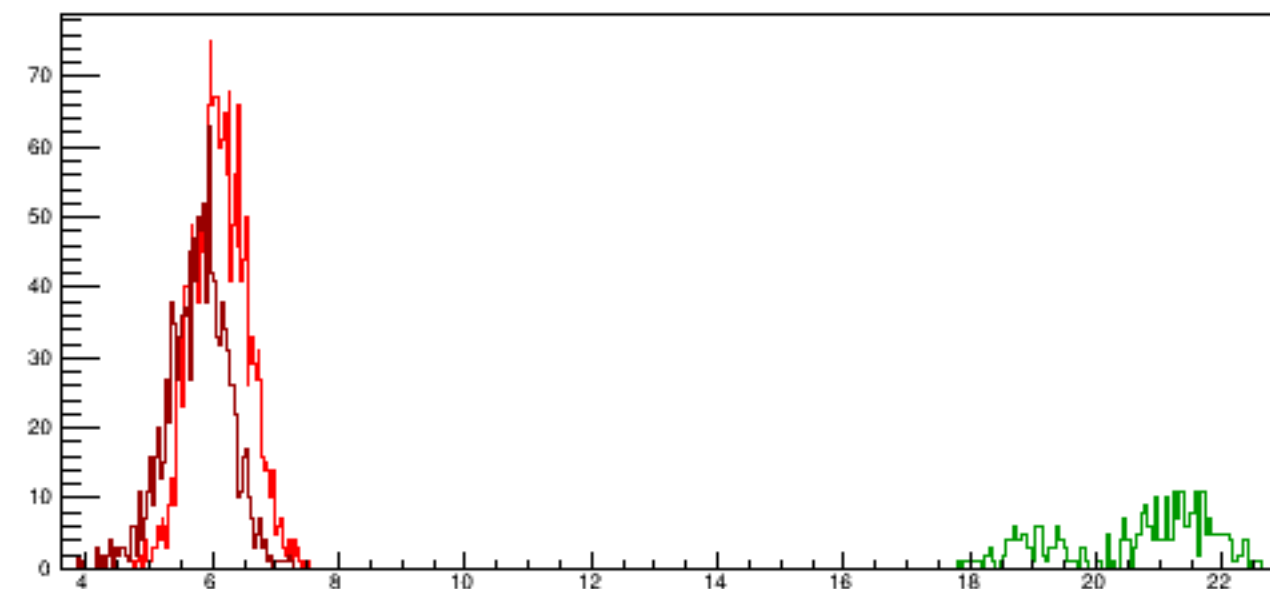
Run 6211 quartetwise, Diffs



Cycle 29, Sums

Entries: 2119	Entries: 304	Entries: 1336
Mean: 6.1181 +/- 0.0094	Mean: 20.6212 +/- 0.0685	Mean: 5.7717 +/- 0.0133
Std Dev: 0.4322 +/- 0.0066	Std Dev: 1.1941 +/- 0.0484	Std Dev: 0.4865 +/- 0.0094

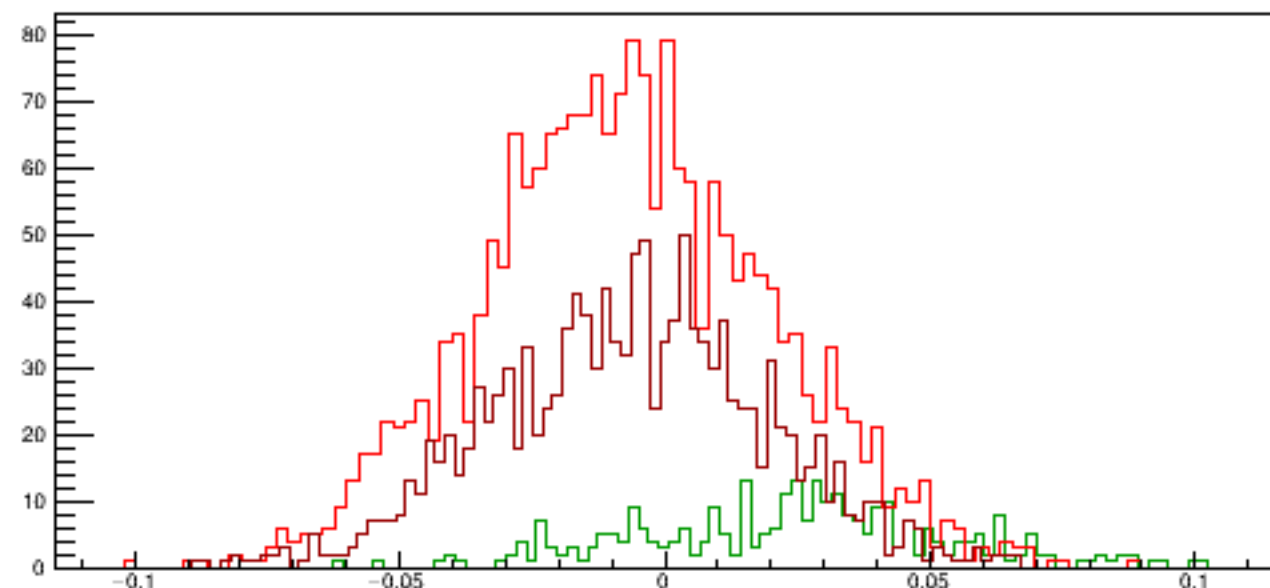
Run 6211 quartetwise, Sums



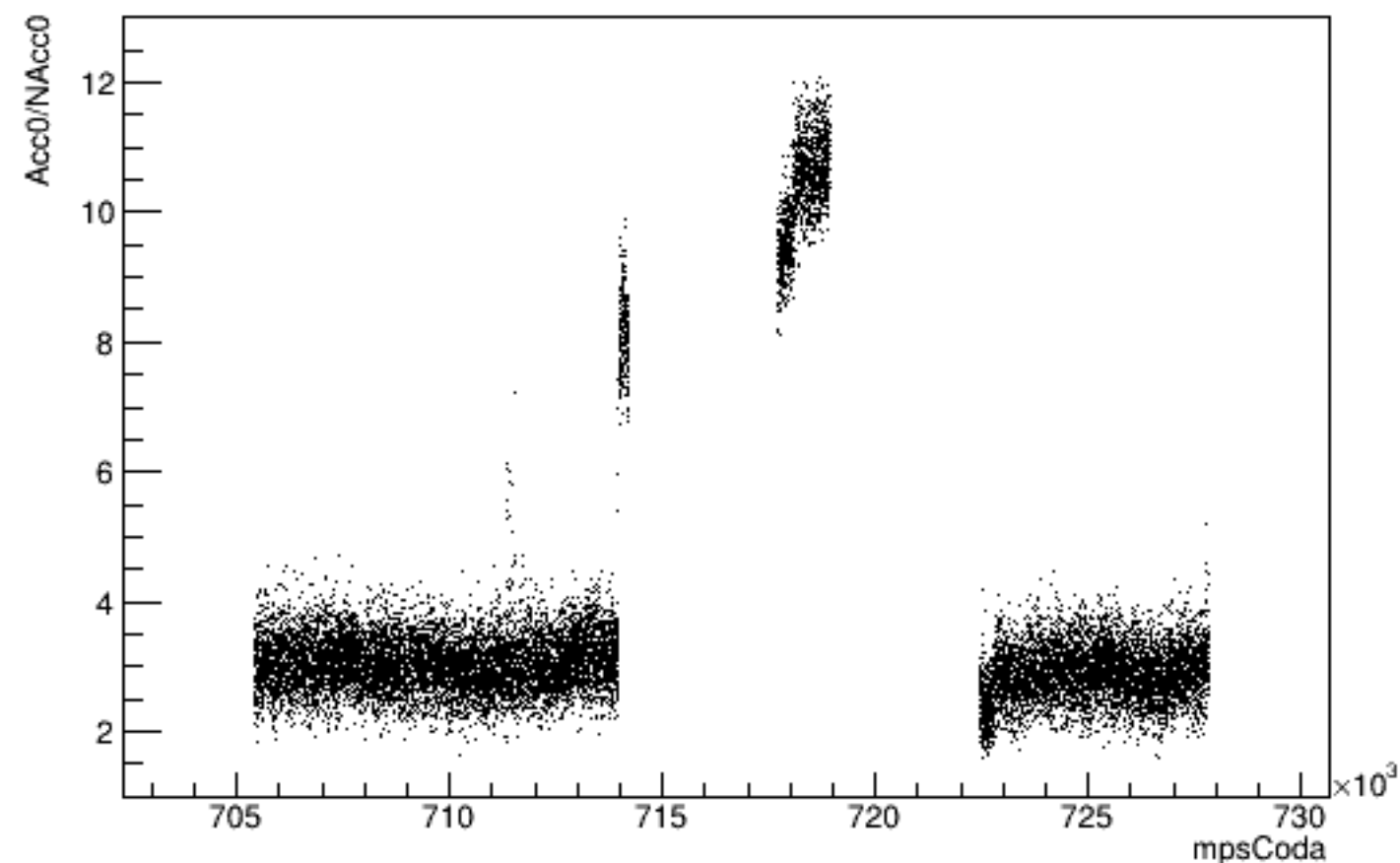
Cycle 29, Asyms

Entries: 2119	Entries: 304	Entries: 1336
Mean: -0.0073 +/- 0.0006	Mean: 0.0244 +/- 0.0017	Mean: -0.0066 +/- 0.0007
Std Dev: 0.0269 +/- 0.0004	Std Dev: 0.0295 +/- 0.0012	Std Dev: 0.0258 +/- 0.0005

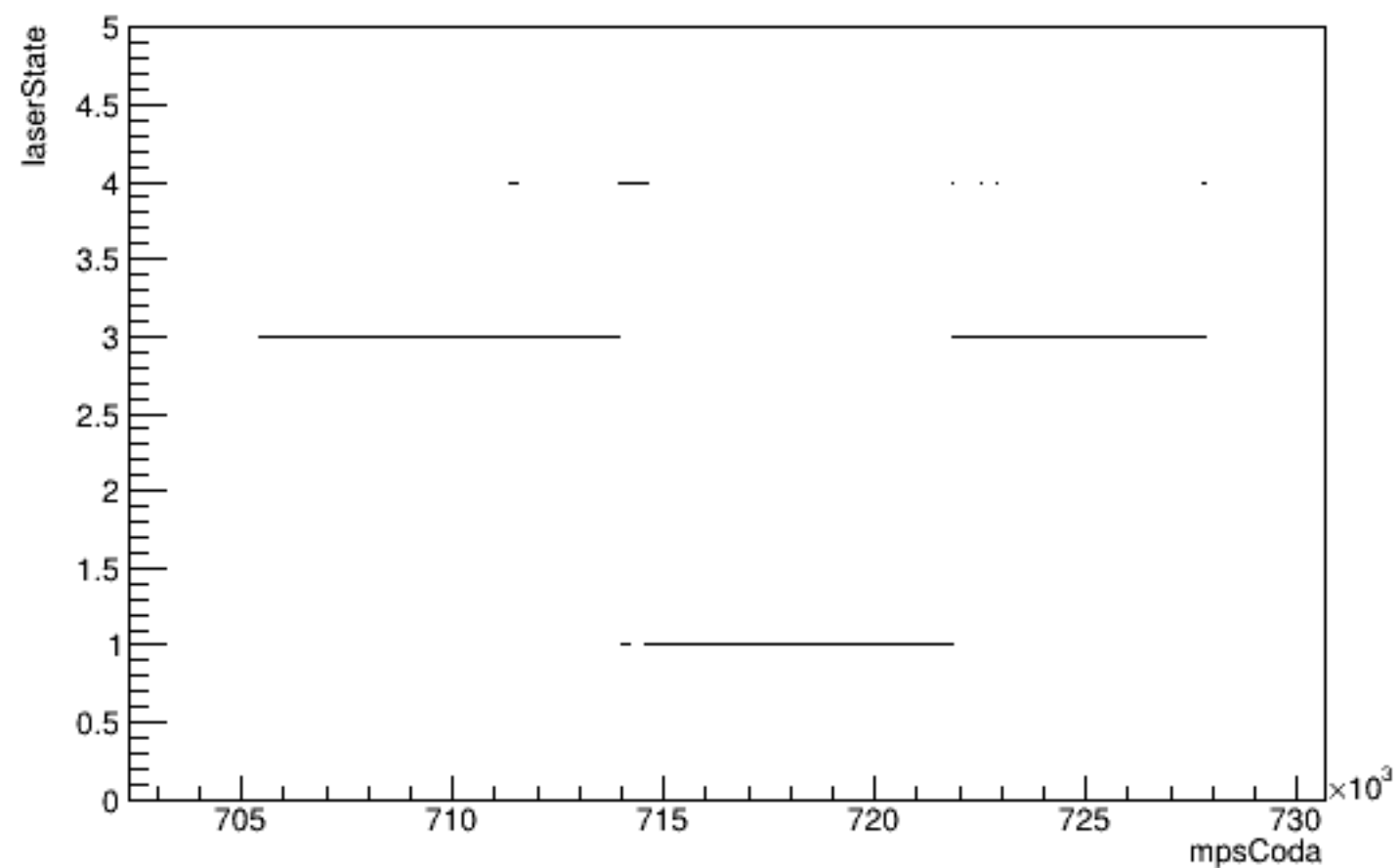
Run 6211 quartetwise, Asyms



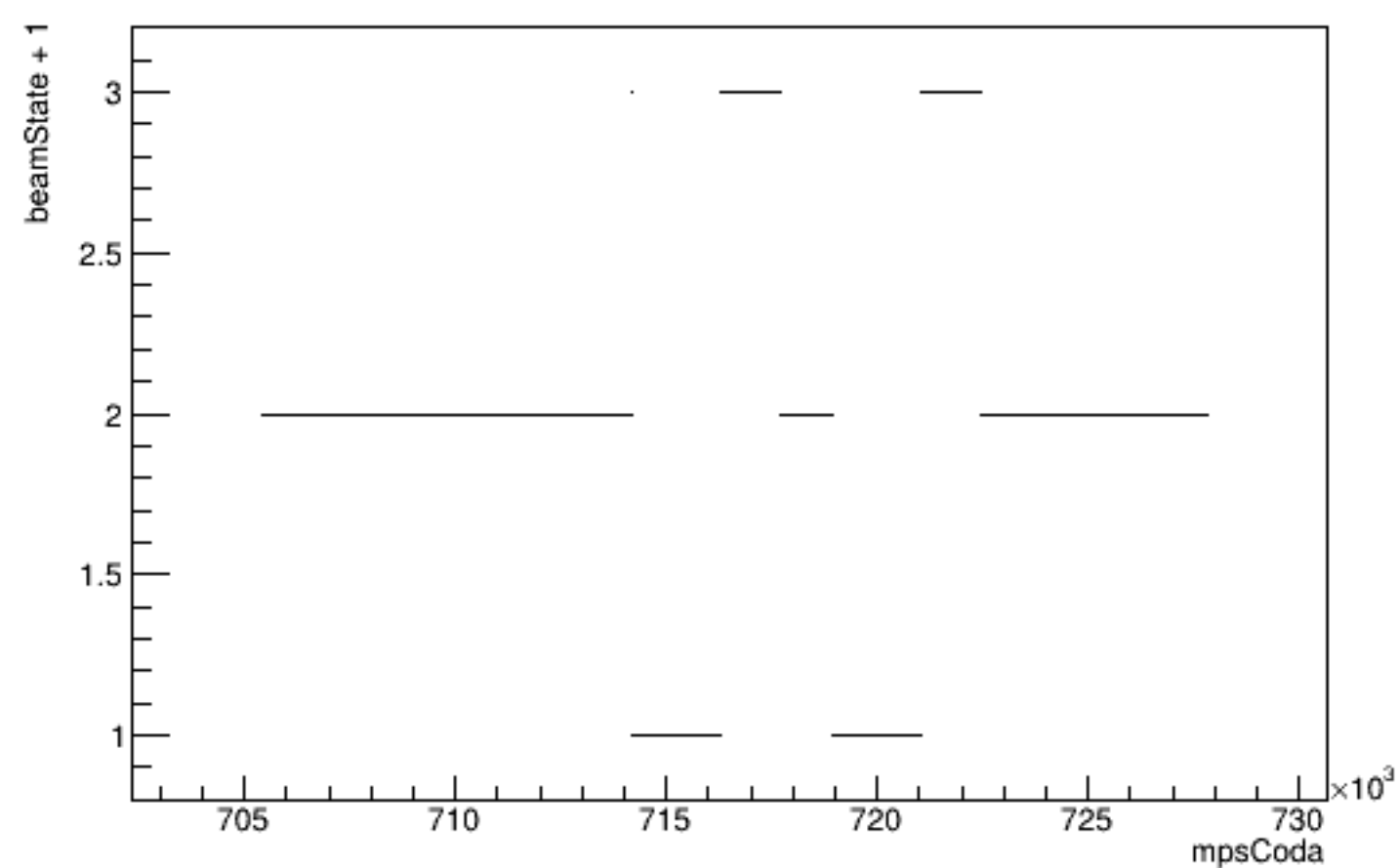
Acc0/NAcc0:mpsCoda (mpsCoda>=705403 && mpsCoda<=727830 && beamState==1)



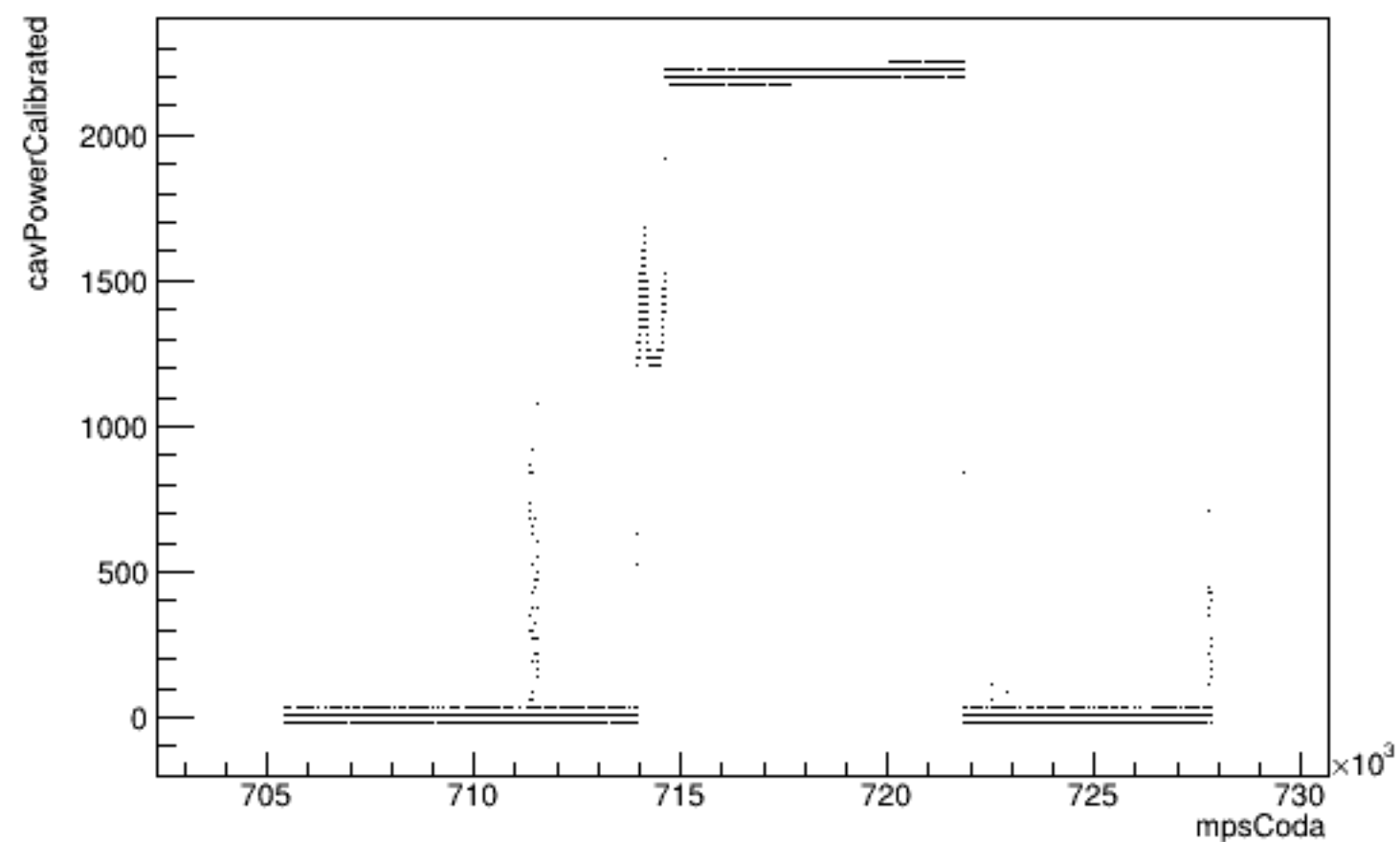
laserState:mpsCoda {mpsCoda>=705403 && mpsCoda<=727830}



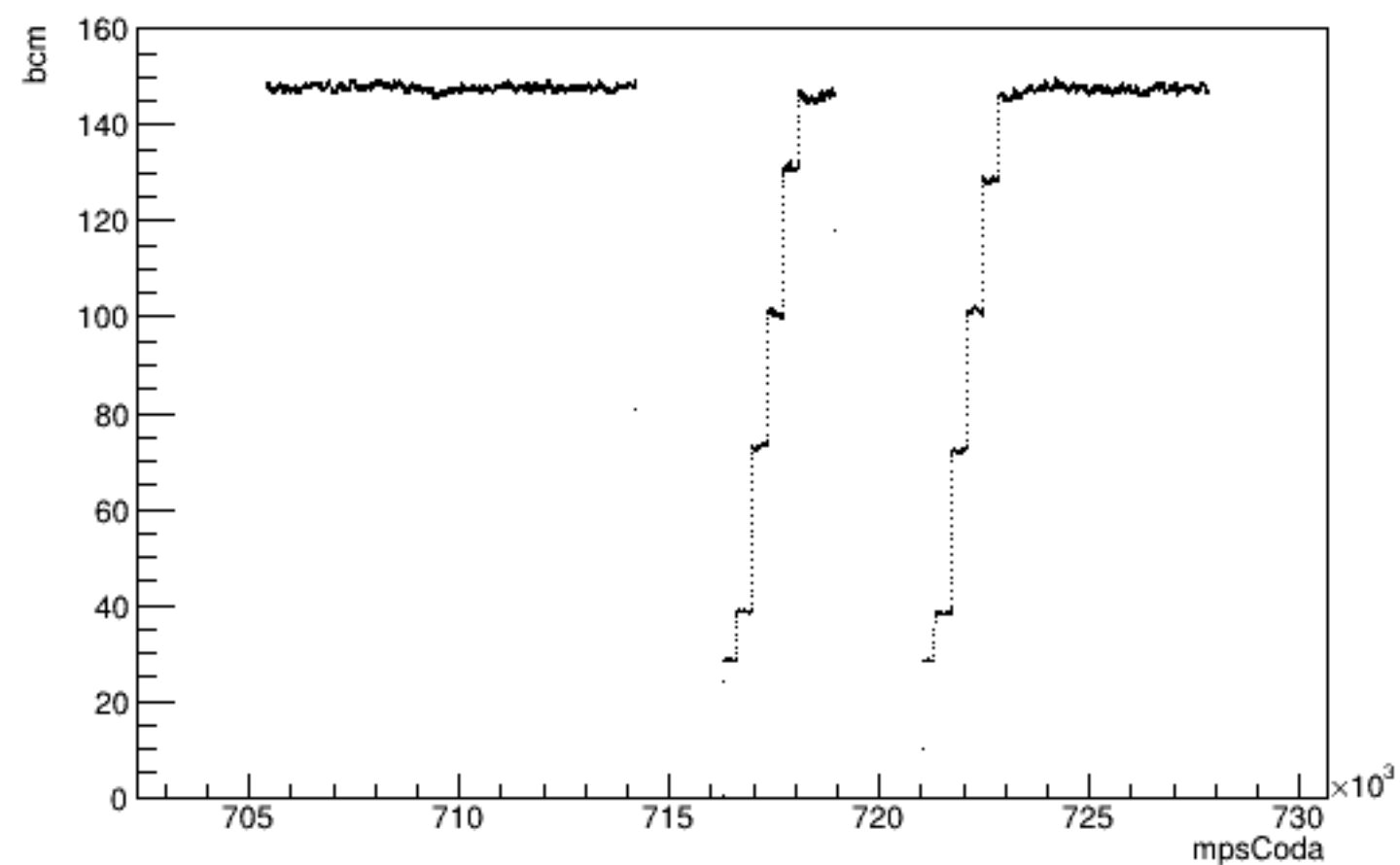
beamState + 1:mpsCoda {mpsCoda>=705403 && mpsCoda<=727830}



cavPowerCalibrated:mpsCoda {mpsCoda>=705403 && mpsCoda<=727830}



bcm:mpsCoda {mpsCoda>=705403 && mpsCoda<=727830}



Cycle 30, Diffs

Entries: 1336

Mean: -0.0974 +/- 0.0103

Std Dev: 0.3782 +/- 0.0073

Entries: 1098

Mean: 0.3980 +/- 0.0139

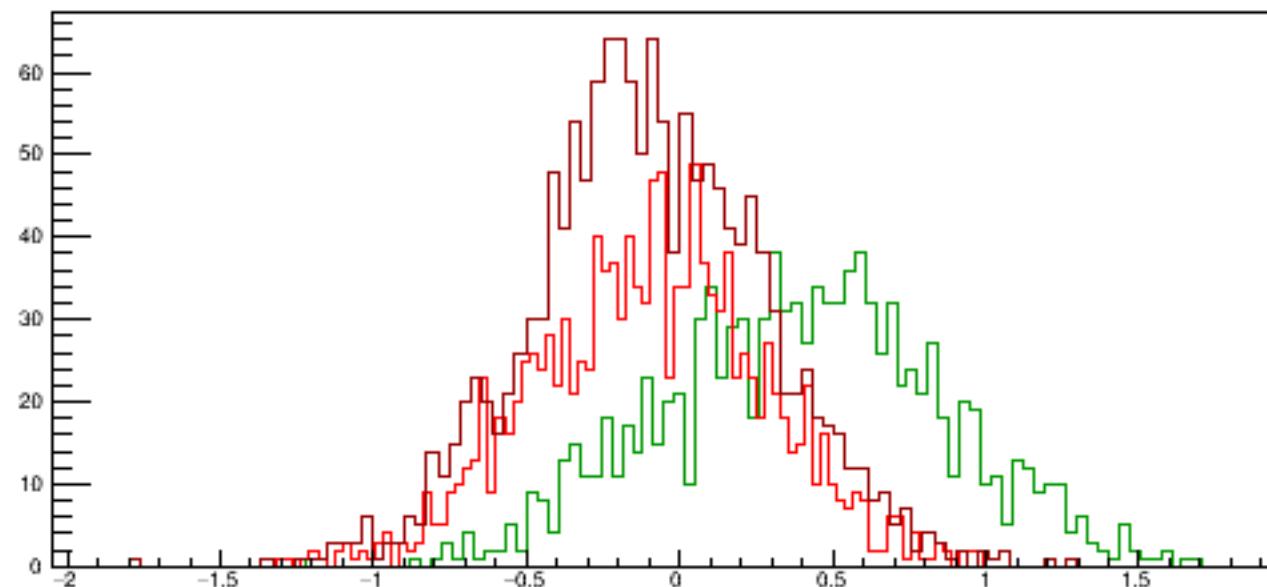
Std Dev: 0.4606 +/- 0.0098

Entries: 1486

Mean: -0.1009 +/- 0.0100

Std Dev: 0.3845 +/- 0.0071

Run 6211 quartetwise, Diffs



Cycle 30, Sums

Entries: 1336

Mean: 5.7717 +/- 0.0133

Std Dev: 0.4865 +/- 0.0094

Entries: 1098

Mean: 21.0593 +/- 0.0272

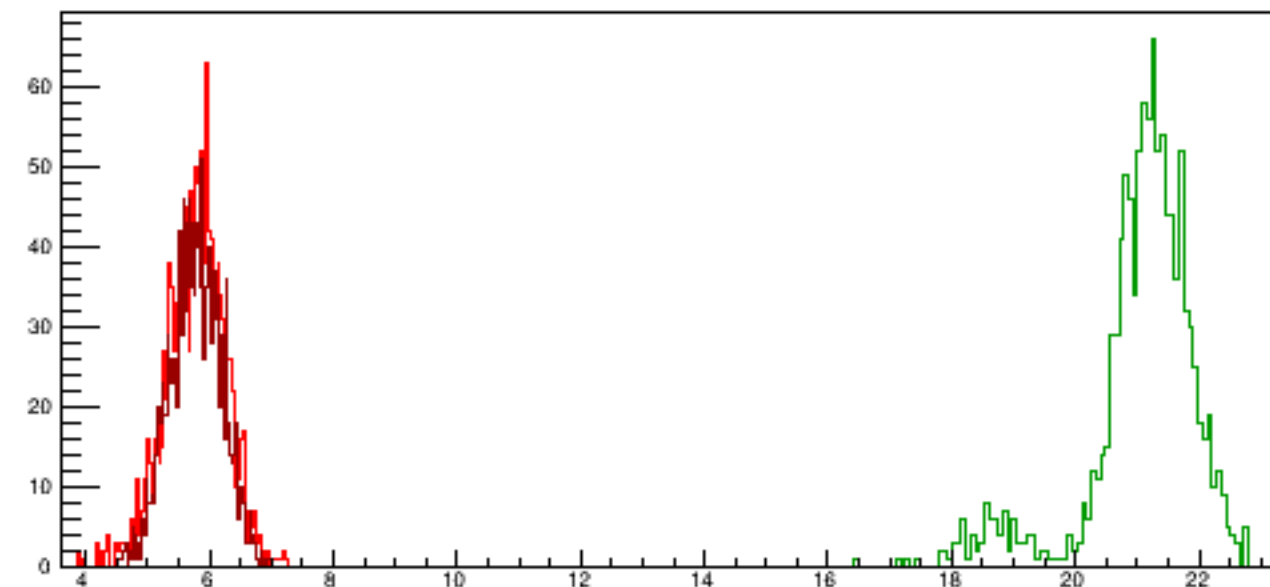
Std Dev: 0.9020 +/- 0.0192

Entries: 1486

Mean: 5.7713 +/- 0.0108

Std Dev: 0.4171 +/- 0.0077

Run 6211 quartetwise, Sums



Cycle 30, Asyms

Entries: 1336

Mean: -0.0064 +/- 0.0007

Std Dev: 0.0247 +/- 0.0005

Entries: 1098

Mean: 0.0261 +/- 0.0009

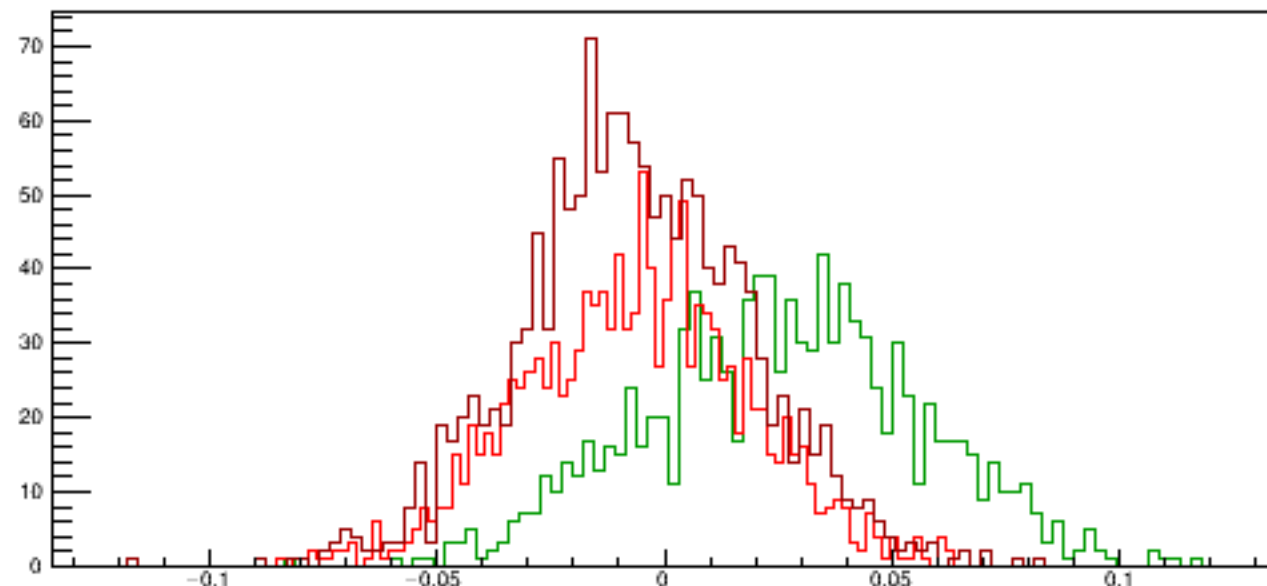
Std Dev: 0.0303 +/- 0.0006

Entries: 1486

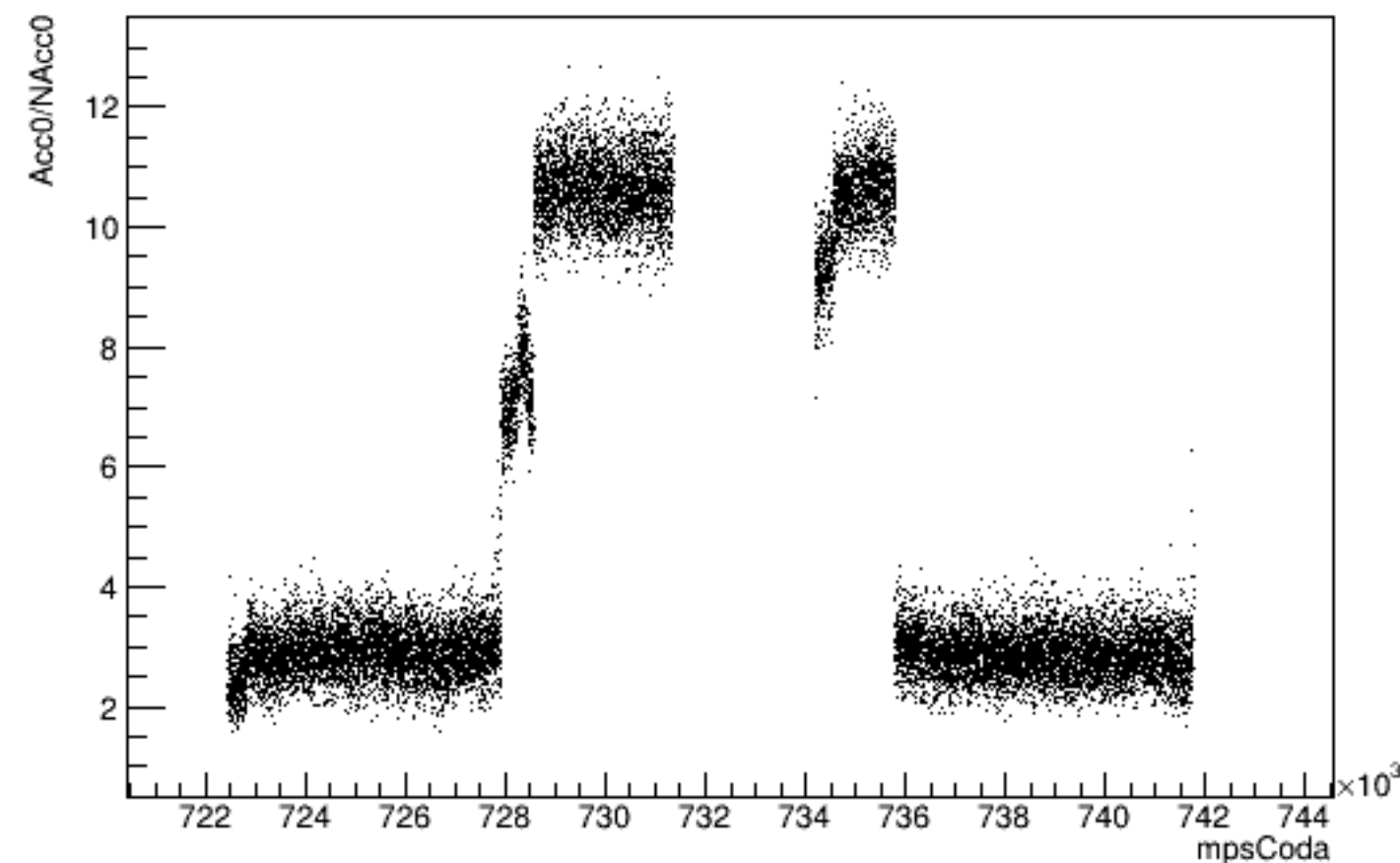
Mean: -0.0066 +/- 0.0007

Std Dev: 0.0251 +/- 0.0005

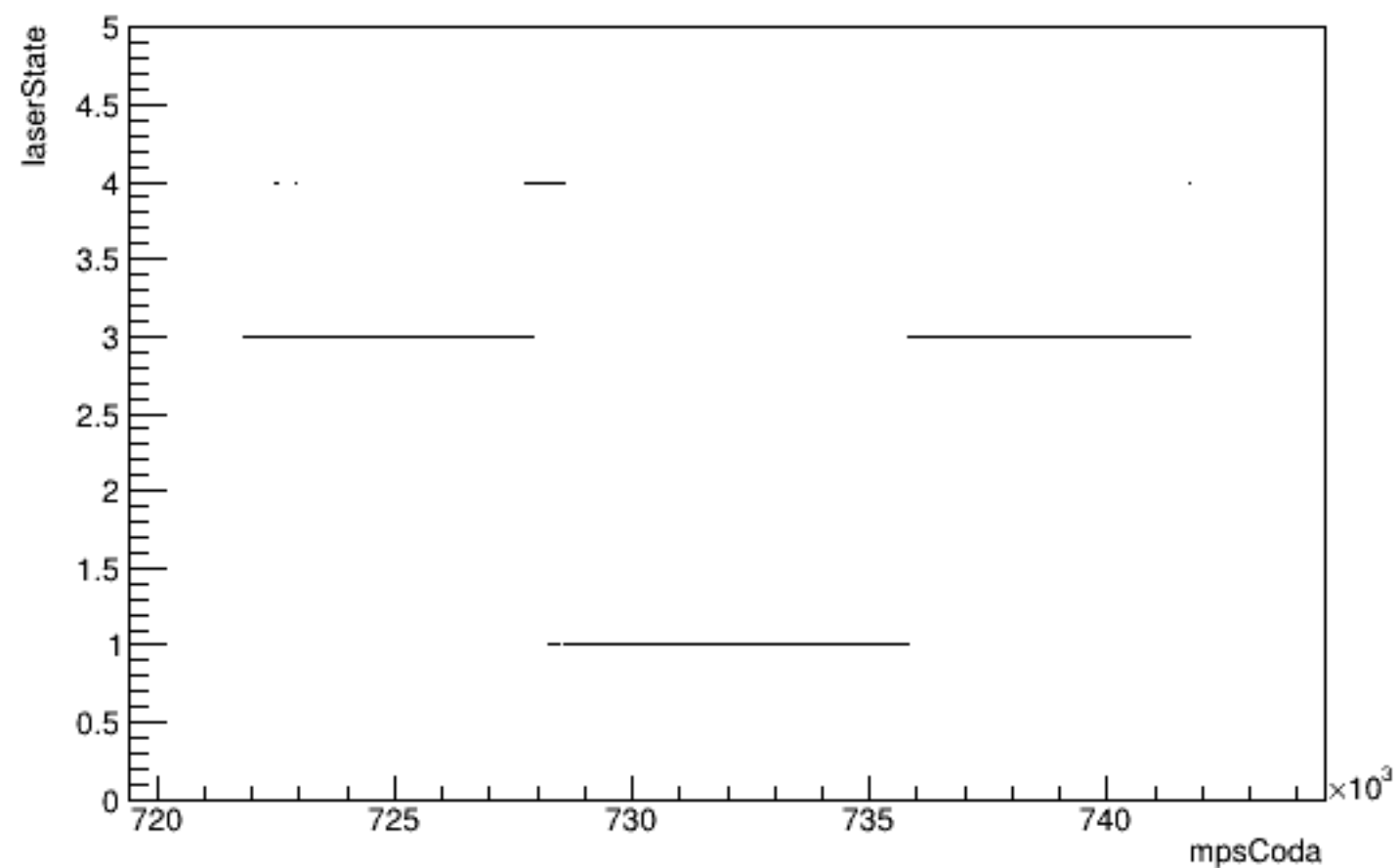
Run 6211 quartetwise, Asyms



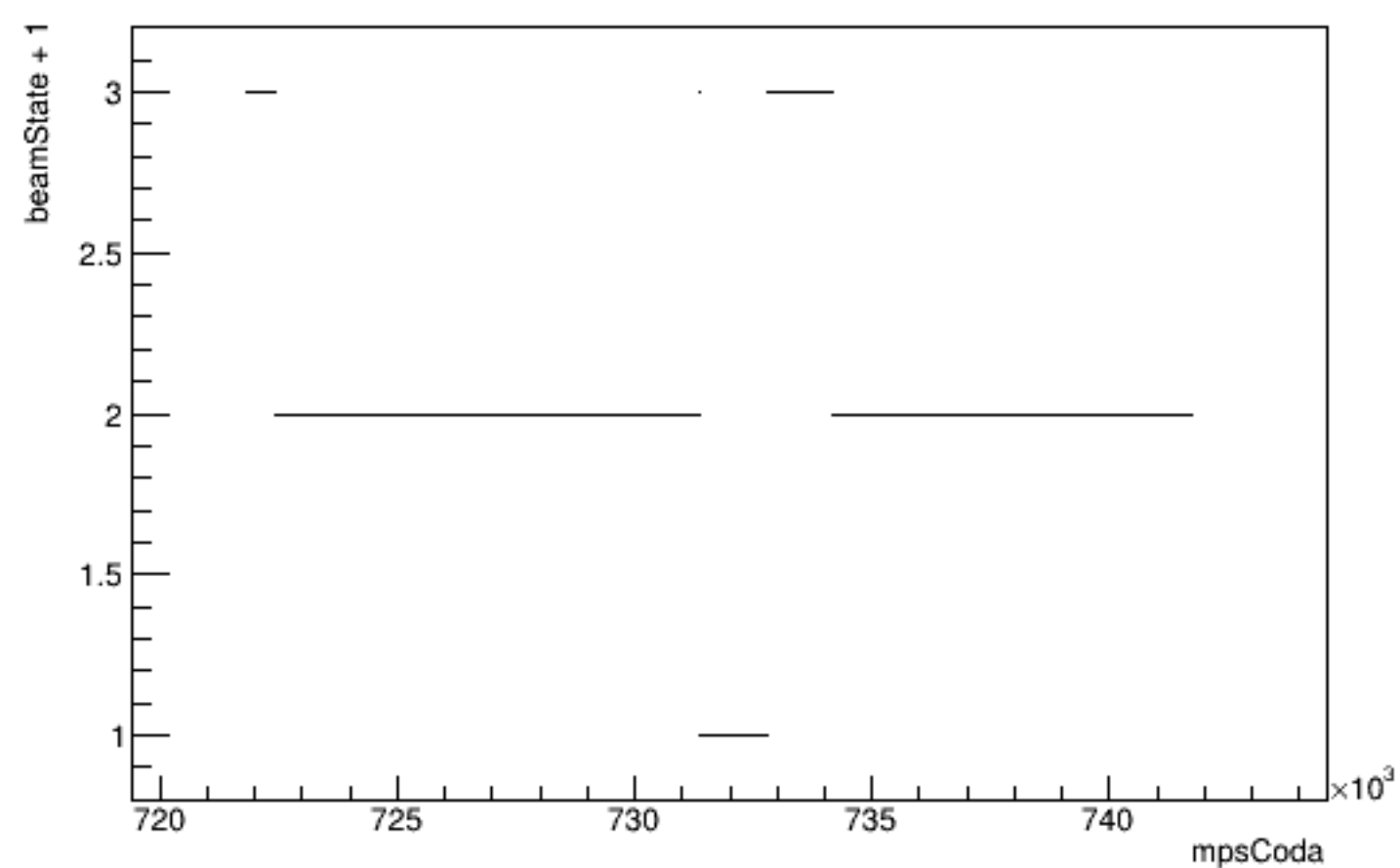
Acc0/NAcc0:mpsCoda (mpsCoda>=721847 && mpsCoda<=741762 && beamState==1)



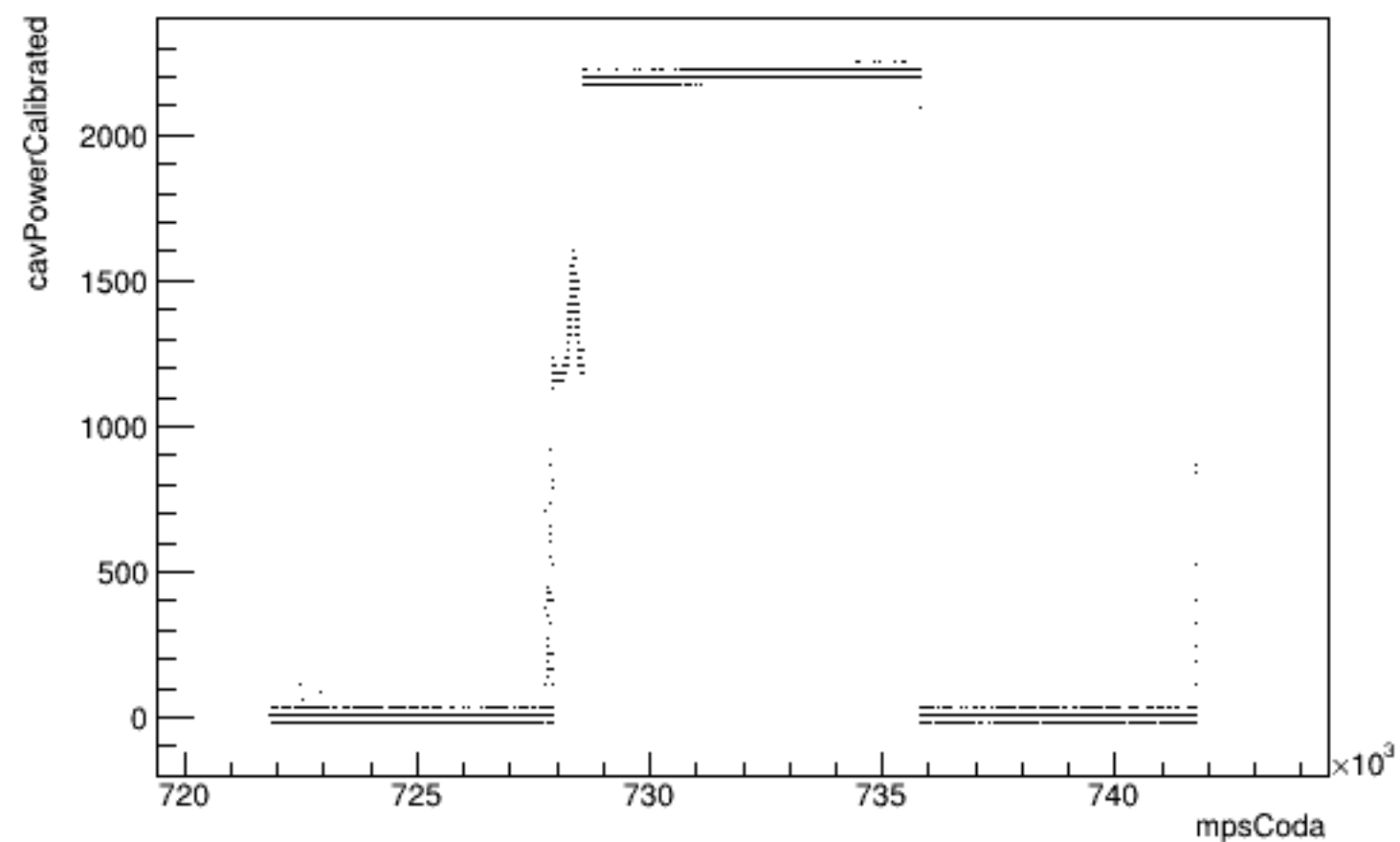
laserState:mpsCoda {mpsCoda>=721847 && mpsCoda<=741762}



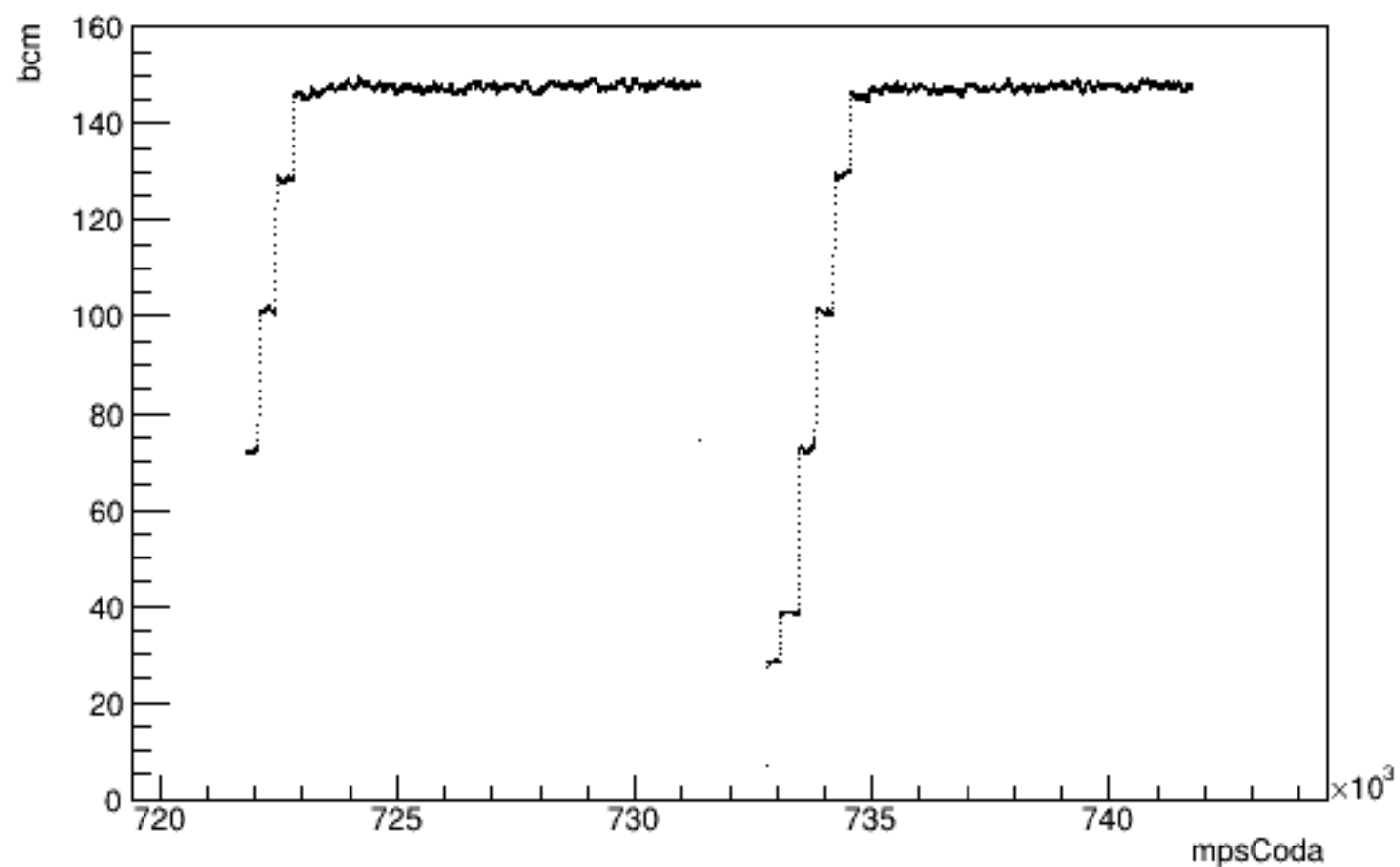
beamState + 1:mpsCoda {mpsCoda>=721847 && mpsCoda<=741762}



cavPowerCalibrated:mpsCoda {mpsCoda>=721847 && mpsCoda<=741762}



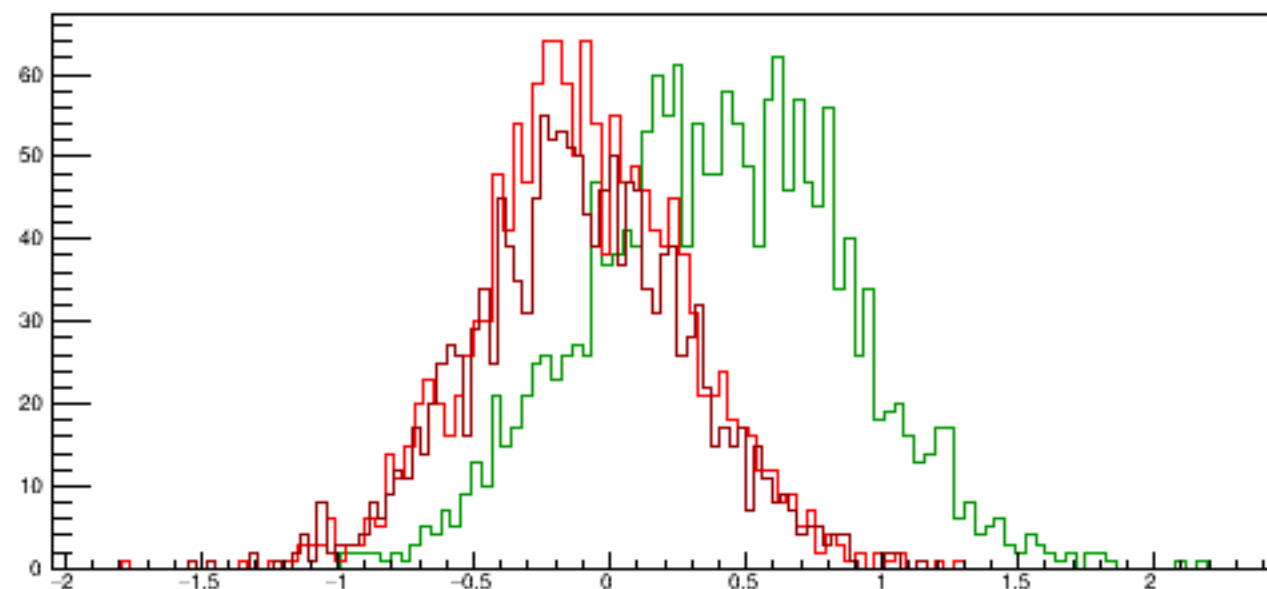
bcm:mpsCoda {mpsCoda>=721847 && mpsCoda<=741762}



Cycle 31, Diffs

Entries: 1486	Entries: 1805	Entries: 1480
Mean: -0.1009 +/- 0.0100	Mean: 0.3980 +/- 0.0112	Mean: -0.1116 +/- 0.0102
Std Dev: 0.3845 +/- 0.0071	Std Dev: 0.4744 +/- 0.0079	Std Dev: 0.3922 +/- 0.0072

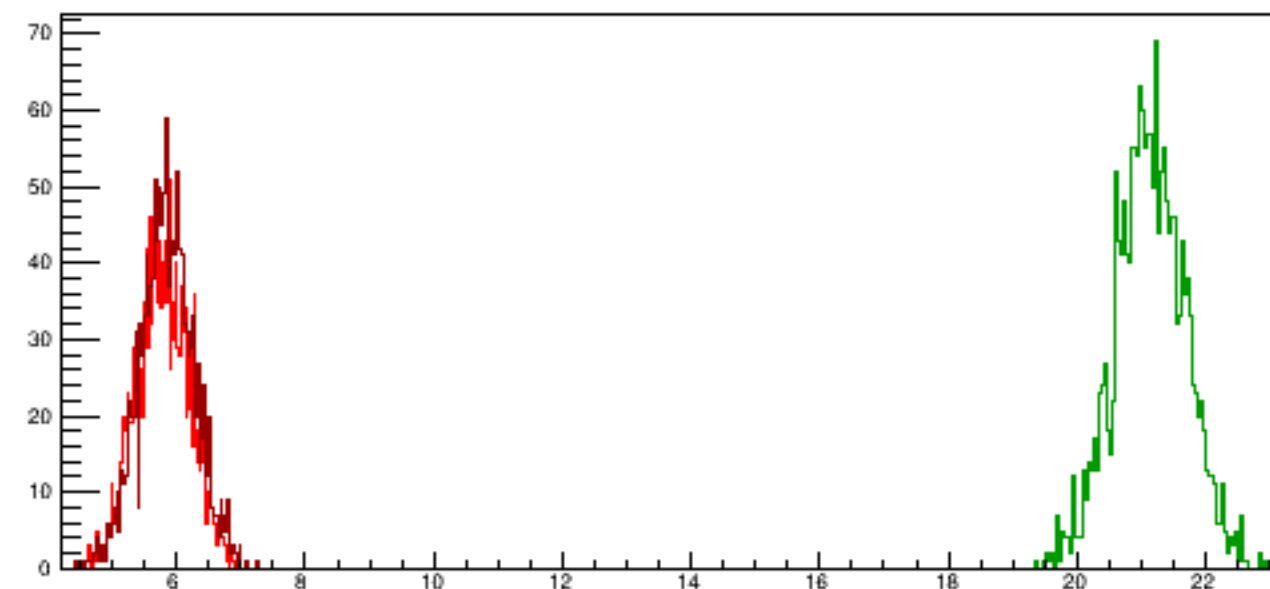
Run 6211 quartetwise, Diffs



Cycle 31, Sums

Entries: 1486	Entries: 1805	Entries: 1480
Mean: 5.7713 +/- 0.0108	Mean: 21.1389 +/- 0.0129	Mean: 5.8477 +/- 0.0109
Std Dev: 0.4171 +/- 0.0077	Std Dev: 0.5464 +/- 0.0091	Std Dev: 0.4182 +/- 0.0077

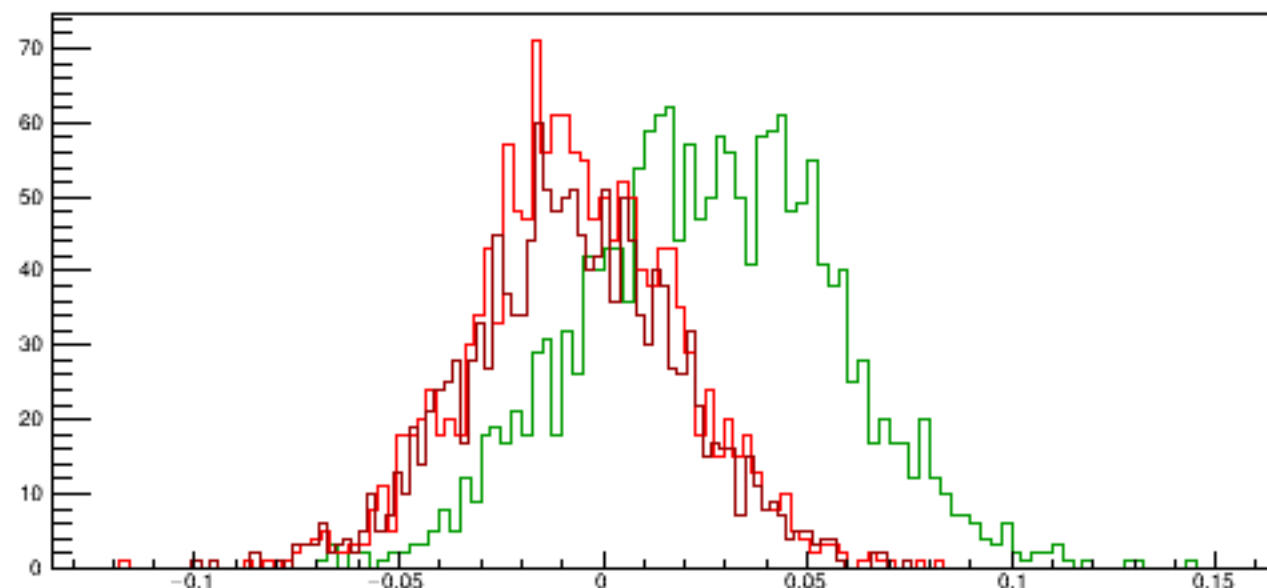
Run 6211 quartetwise, Sums



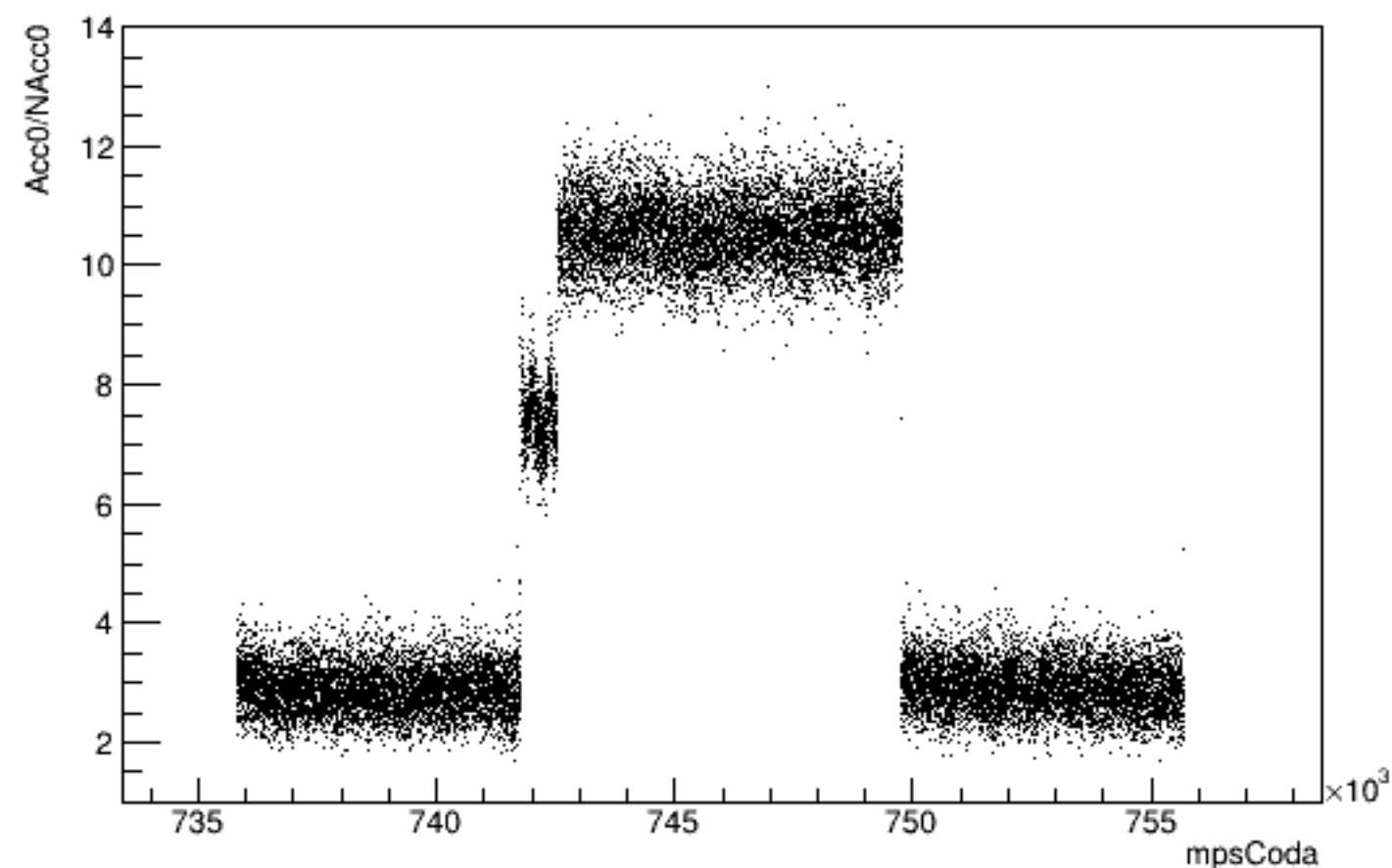
Cycle 31, Asyms

Entries: 1486	Entries: 1805	Entries: 1480
Mean: -0.0066 +/- 0.0007	Mean: 0.0260 +/- 0.0007	Mean: -0.0073 +/- 0.0007
Std Dev: 0.0251 +/- 0.0005	Std Dev: 0.0310 +/- 0.0005	Std Dev: 0.0256 +/- 0.0005

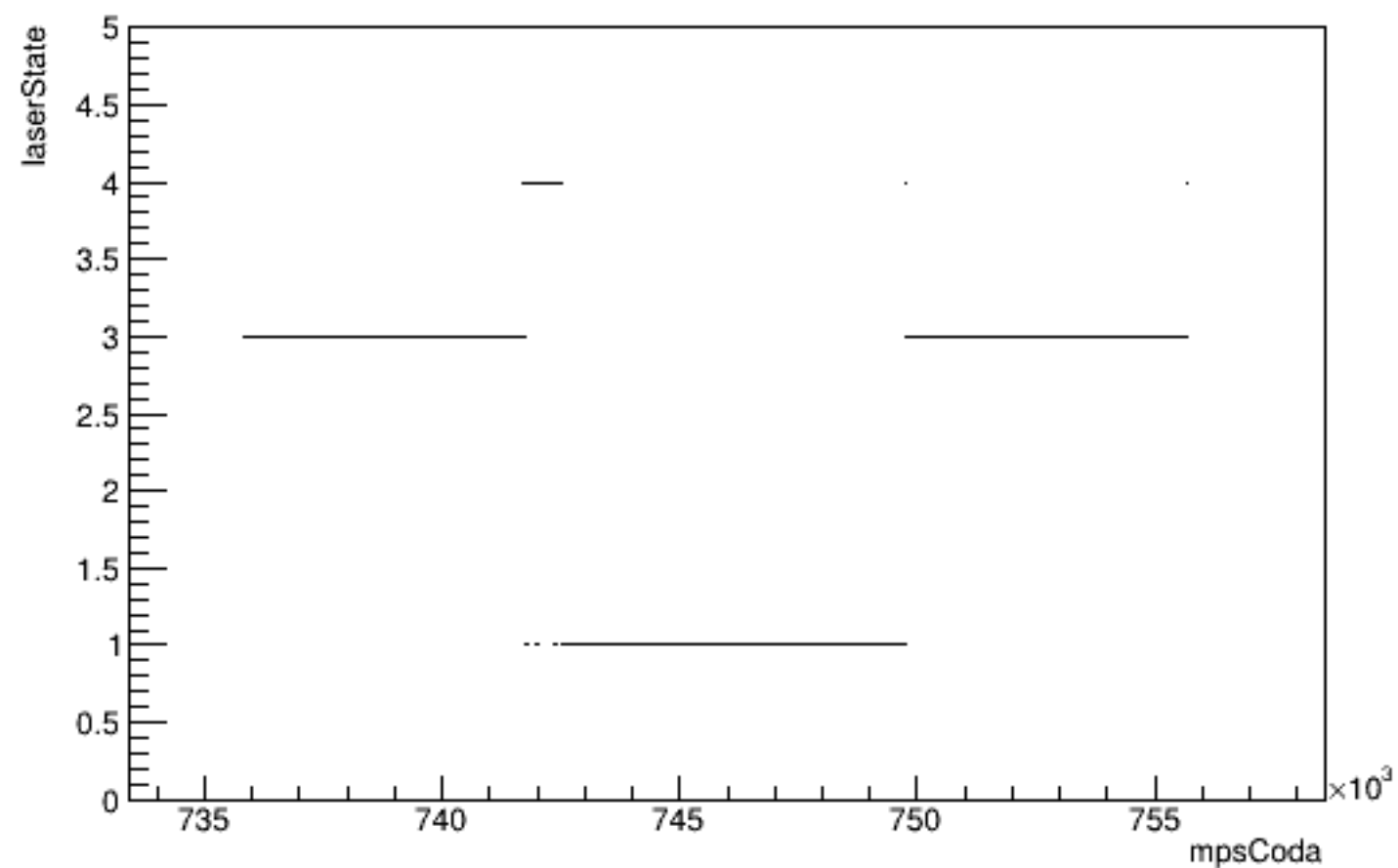
Run 6211 quartetwise, Asyms



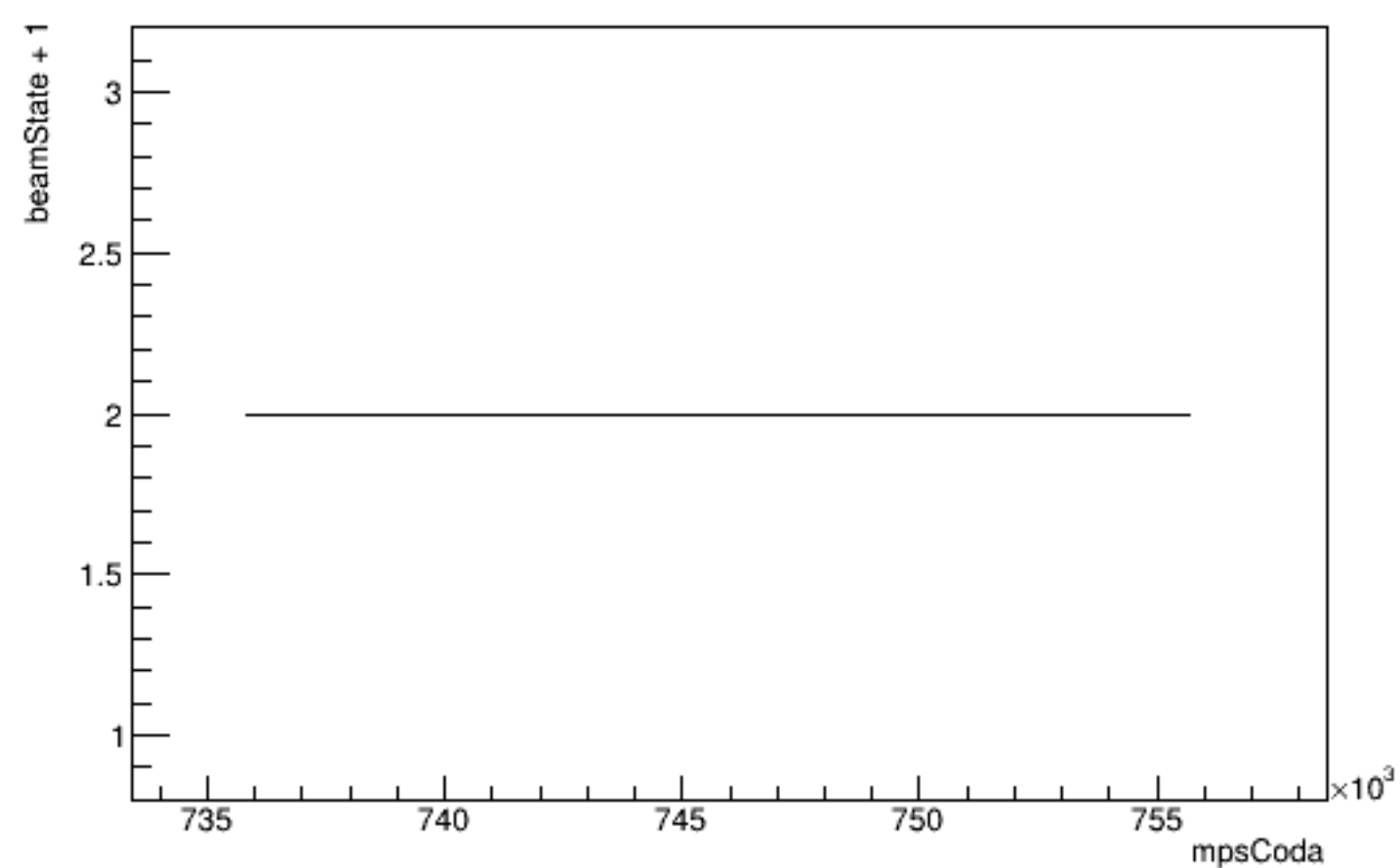
Acc0/NAcc0:mpsCoda (mpsCoda>=735803 && mpsCoda<=755690 && beamState==1)



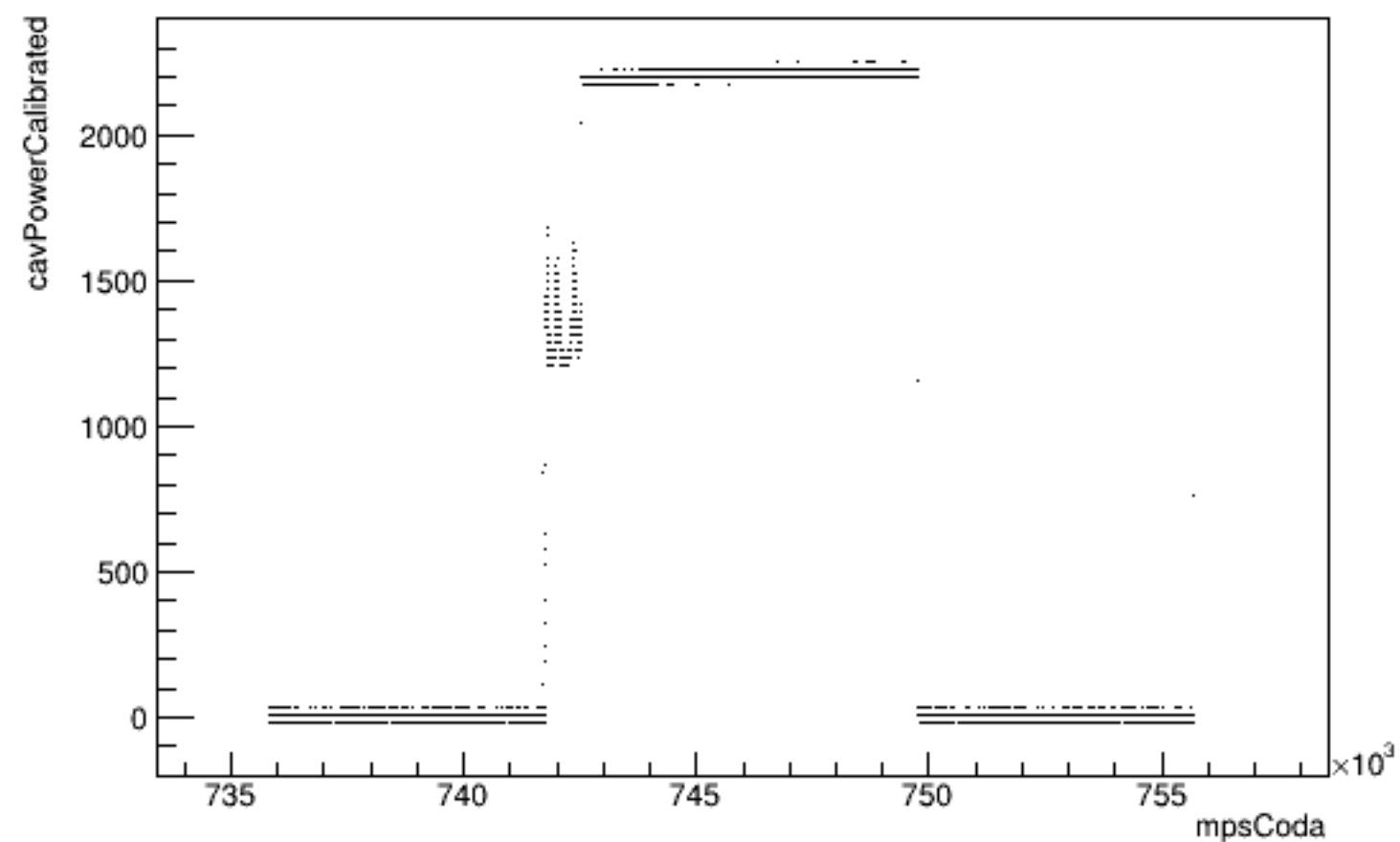
laserState:mpsCoda {mpsCoda>=735803 && mpsCoda<=755690}



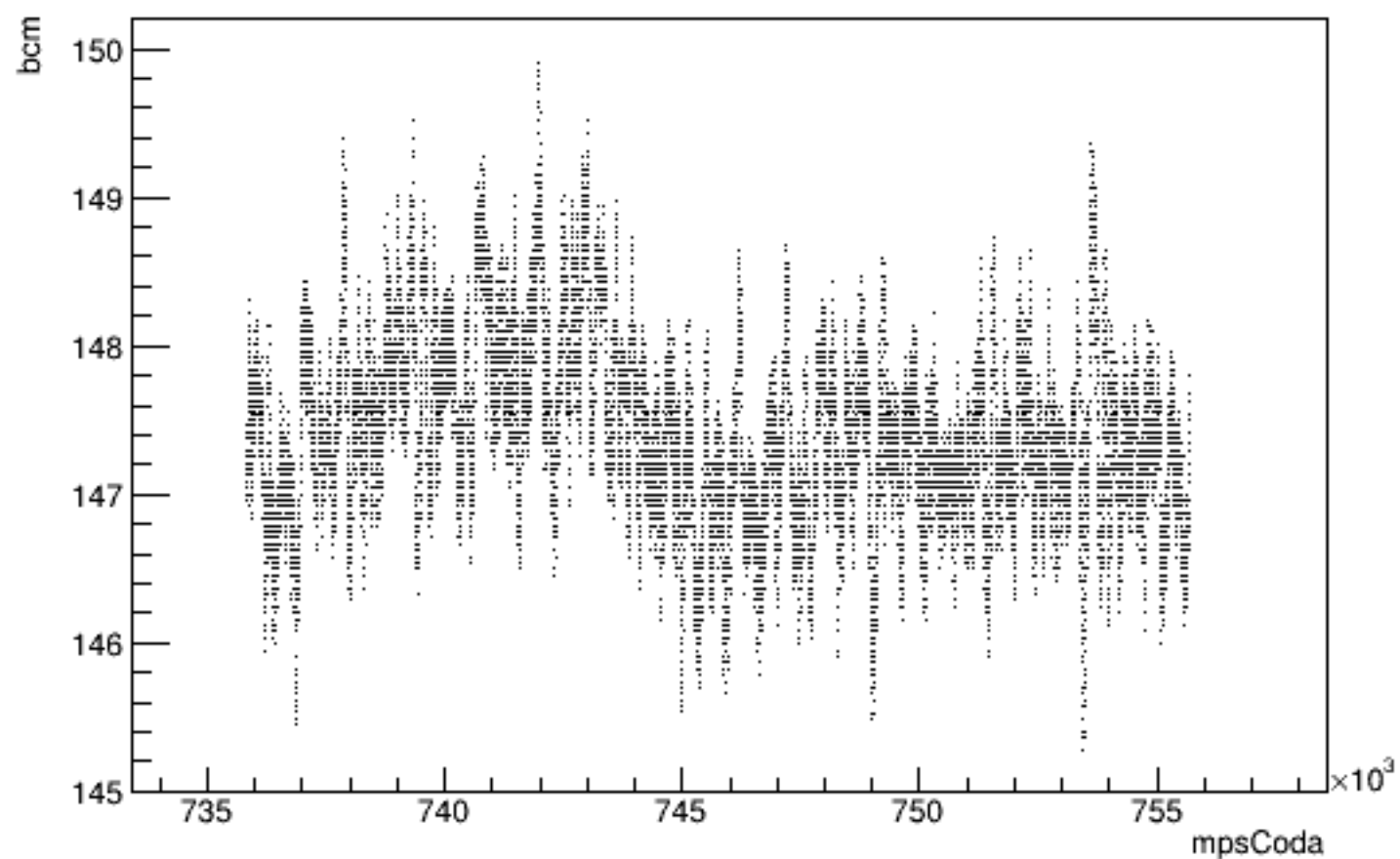
beamState + 1:mpsCoda {mpsCoda>=735803 && mpsCoda<=755690}



cavPowerCalibrated:mpsCoda {mpsCoda>=735803 && mpsCoda<=755690}



bcm:mpsCoda {mpsCoda>=735803 && mpsCoda<=755690}



Cycle 32, Diffs

Entries: 1480

Mean: -0.1116 +/- 0.0102

Std Dev: 0.3922 +/- 0.0072

Entries: 1808

Mean: 0.3816 +/- 0.0113

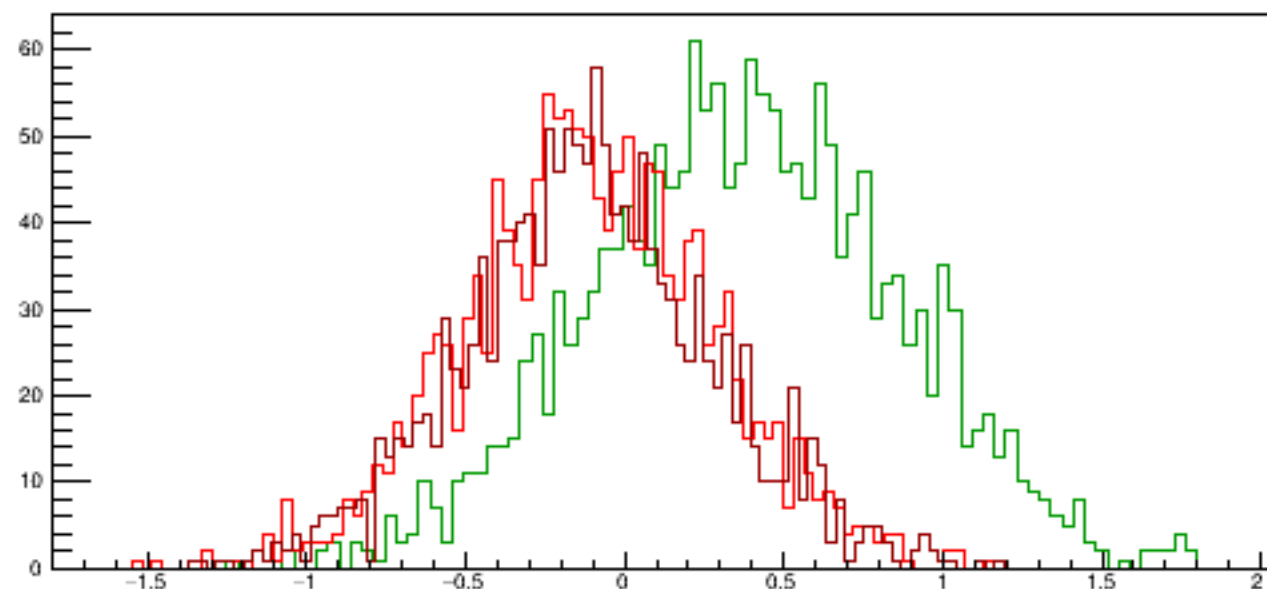
Std Dev: 0.4809 +/- 0.0080

Entries: 1476

Mean: -0.1123 +/- 0.0102

Std Dev: 0.3908 +/- 0.0072

Run 6211 quartetwise, Diffs



Cycle 32, Sums

Entries: 1480

Mean: 5.8477 +/- 0.0109

Std Dev: 0.4182 +/- 0.0077

Entries: 1808

Mean: 21.4846 +/- 0.0130

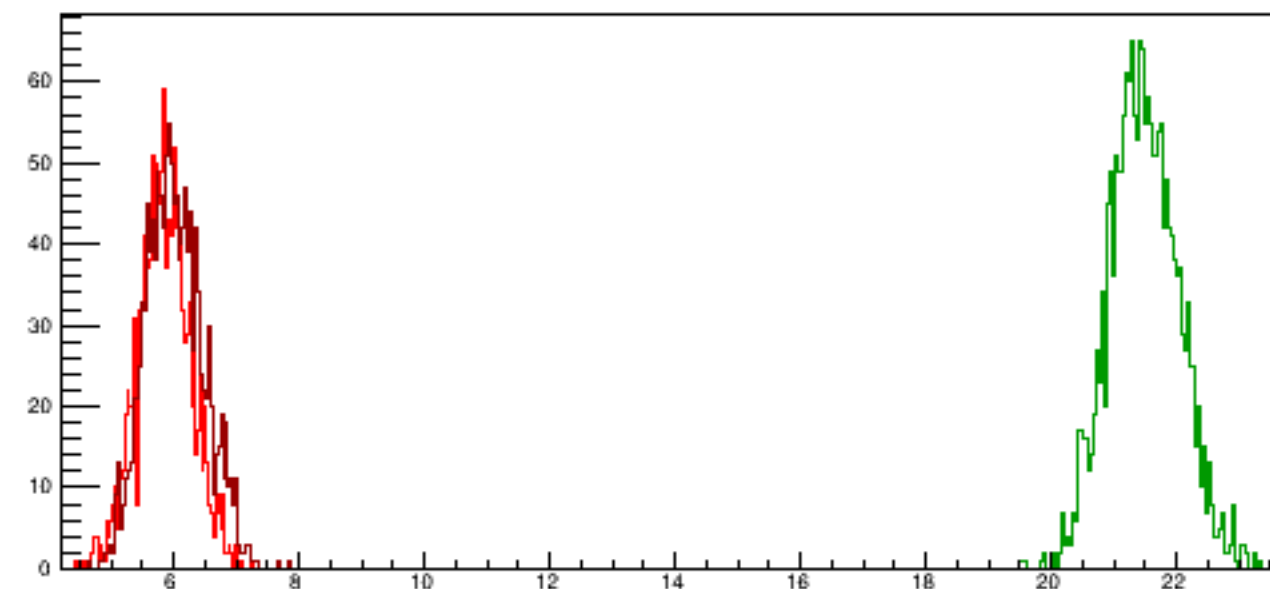
Std Dev: 0.5537 +/- 0.0092

Entries: 1476

Mean: 6.0134 +/- 0.0120

Std Dev: 0.4599 +/- 0.0085

Run 6211 quartetwise, Sums



Cycle 32, Asyms

Entries: 1480

Mean: -0.0072 +/- 0.0007

Std Dev: 0.0252 +/- 0.0005

Entries: 1808

Mean: 0.0246 +/- 0.0007

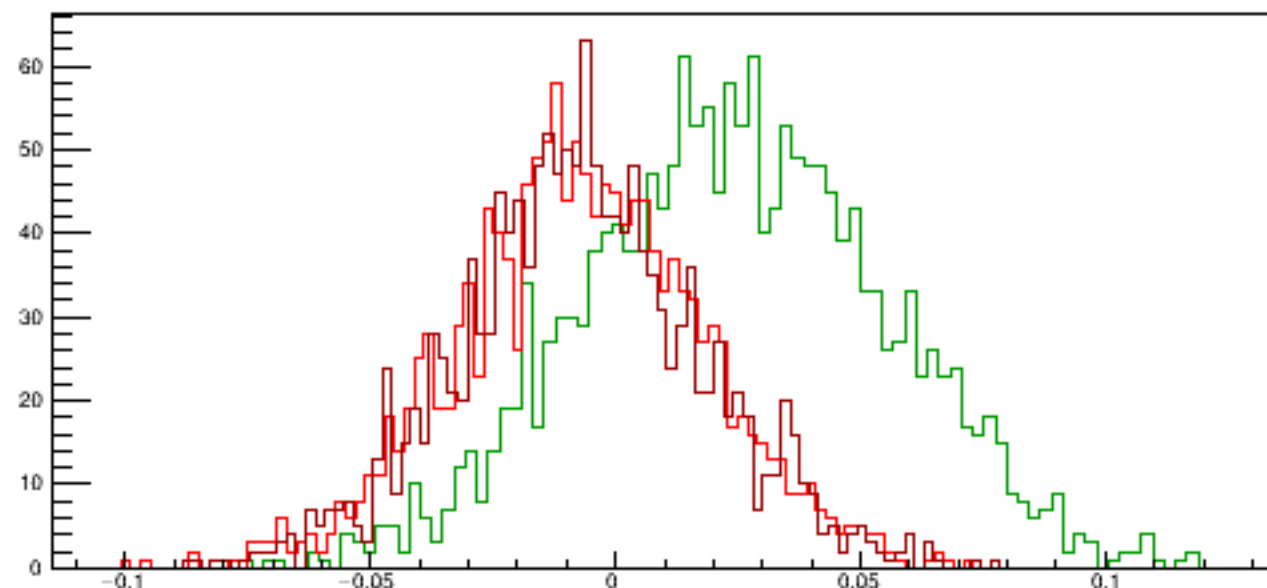
Std Dev: 0.0310 +/- 0.0005

Entries: 1476

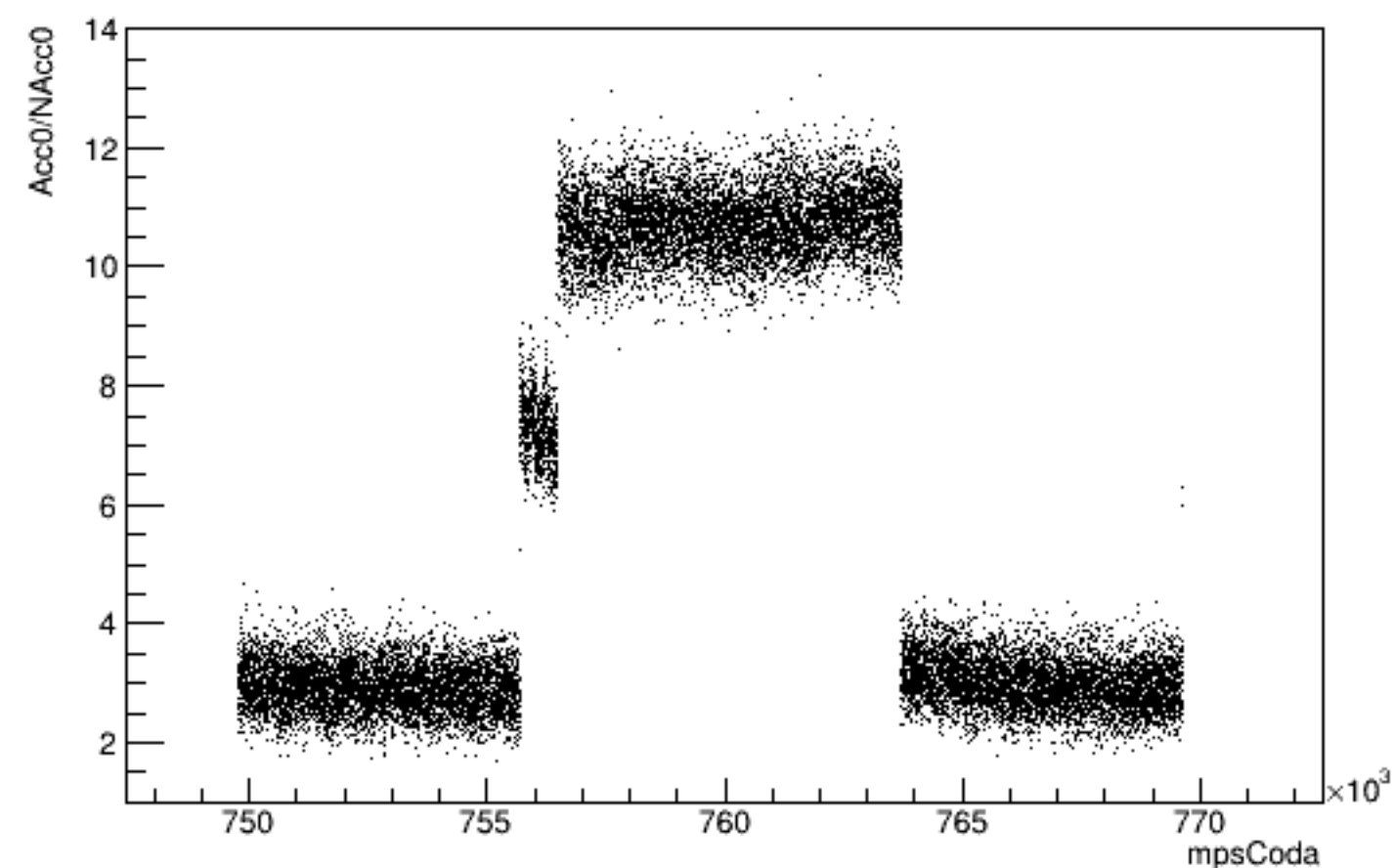
Mean: -0.0072 +/- 0.0007

Std Dev: 0.0251 +/- 0.0005

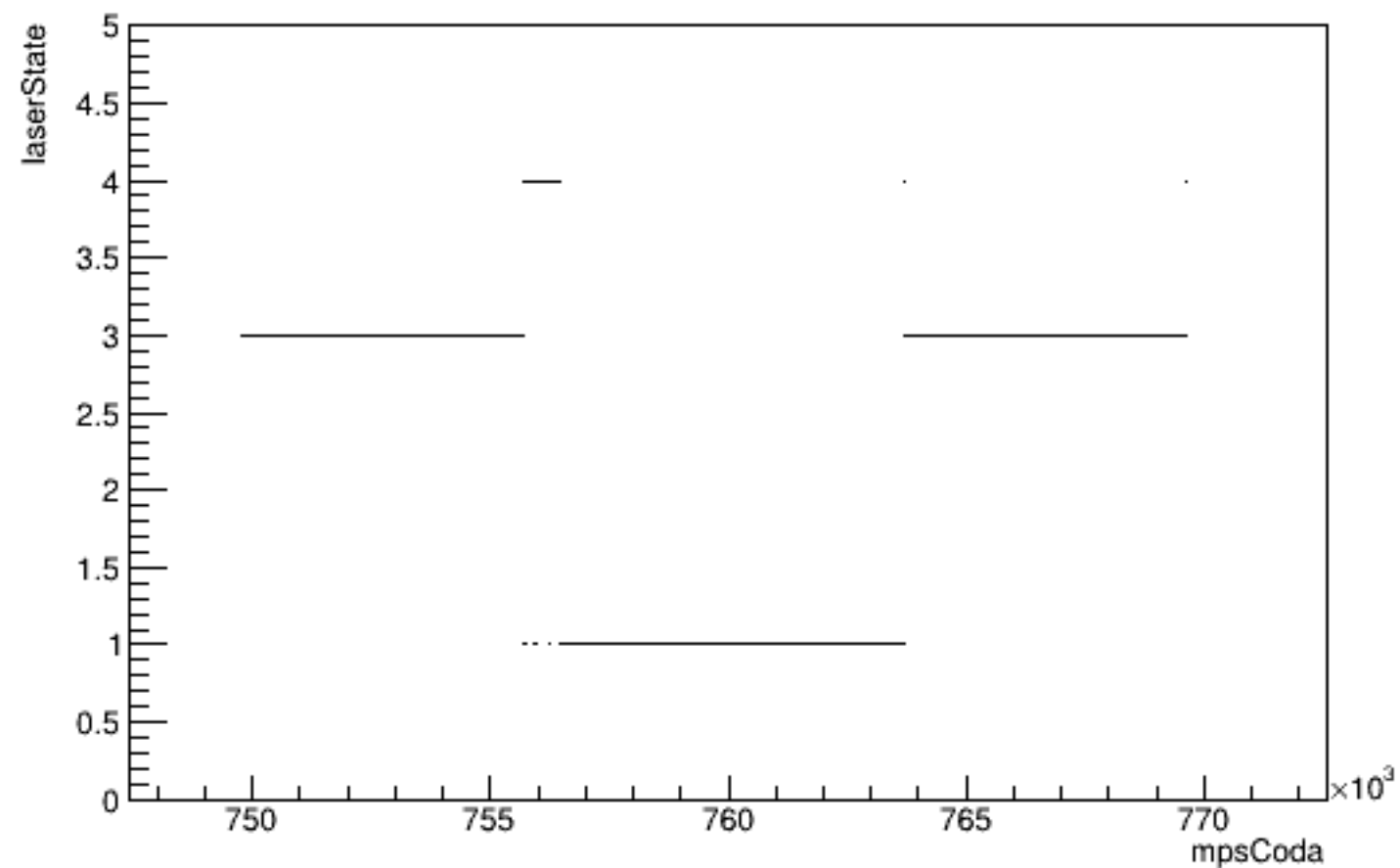
Run 6211 quartetwise, Asyms



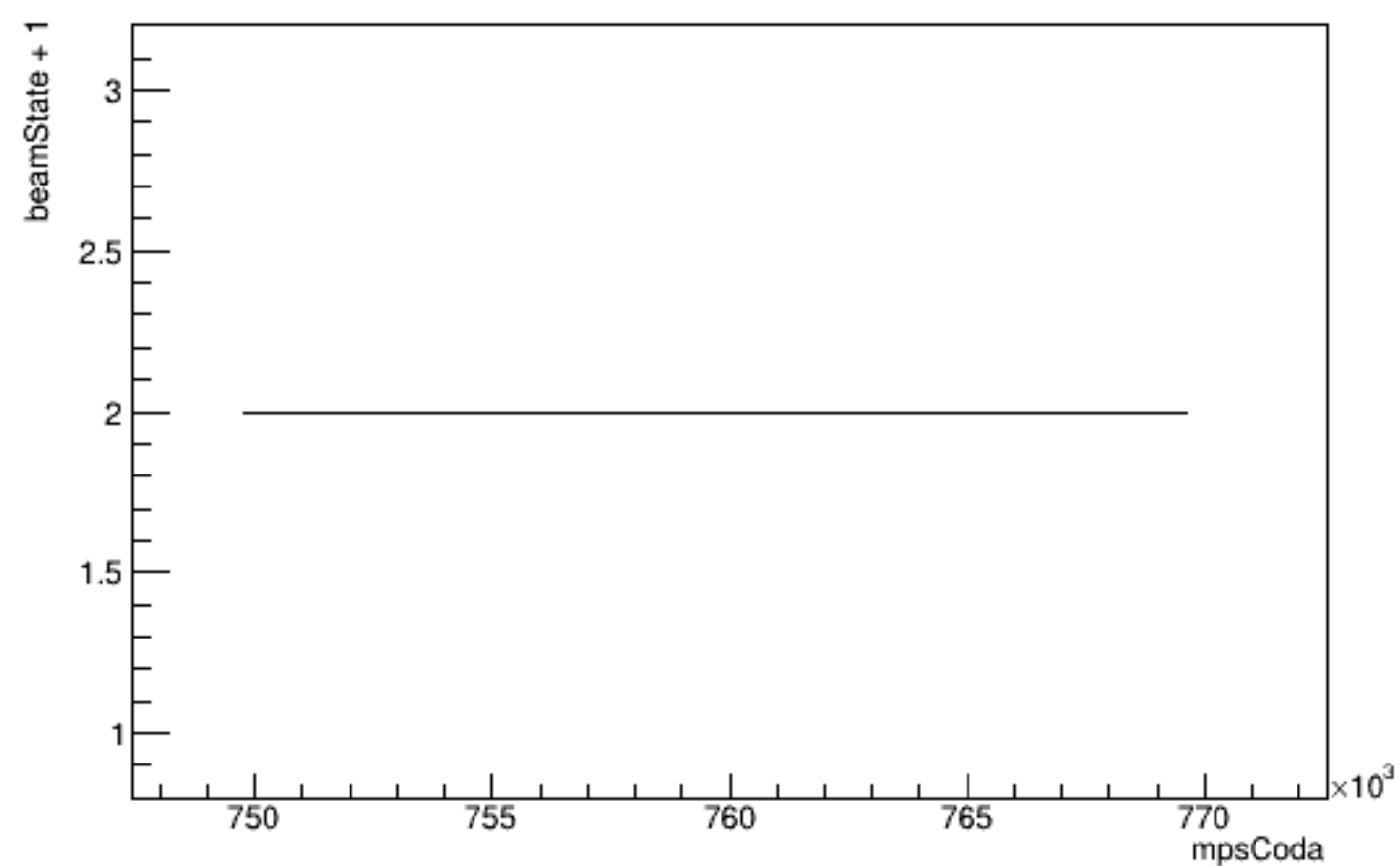
Acc0/NAcc0:mpsCoda (mpsCoda>=749767 && mpsCoda<=769626 && beamState==1)



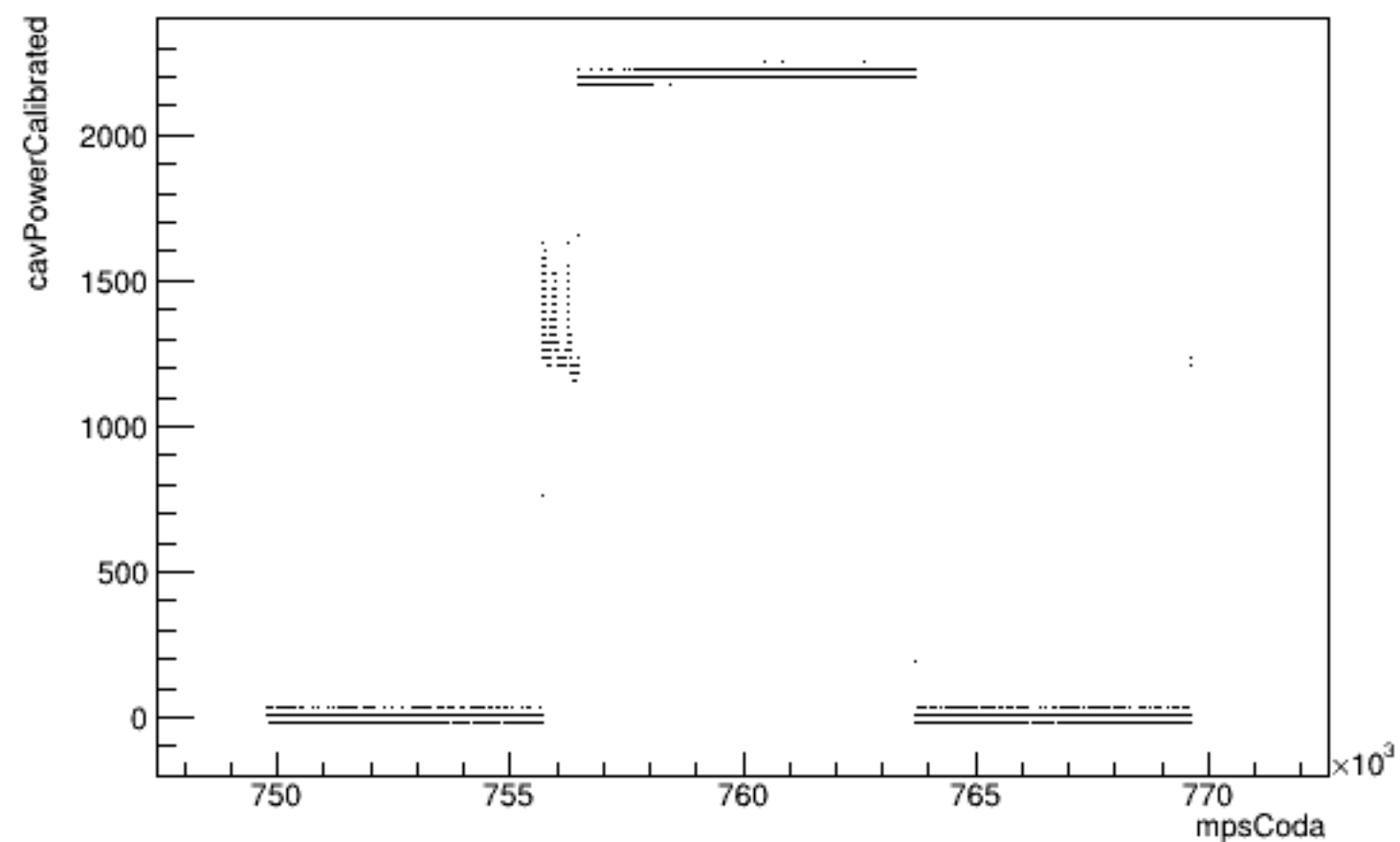
laserState:mpsCoda {mpsCoda>=749767 && mpsCoda<=769626}



beamState + 1:mpsCoda {mpsCoda>=749767 && mpsCoda<=769626}



cavPowerCalibrated:mpsCoda {mpsCoda>=749767 && mpsCoda<=769626}



bcm:mpsCoda {mpsCoda>=749767 && mpsCoda<=769626}

