

Cycle 1, Diffs

Entries: 3940

Mean: -0.0065 +/- 0.0043

Std Dev: 0.2704 +/- 0.0030

Entries: 4693

Mean: 0.1107 +/- 0.0048

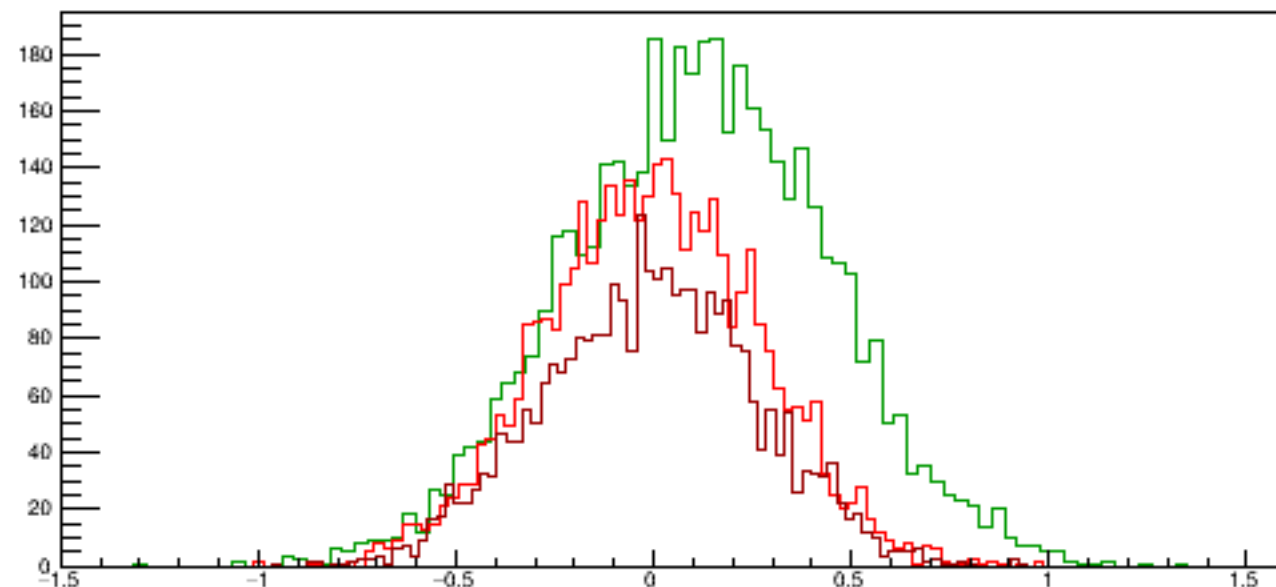
Std Dev: 0.3321 +/- 0.0034

Entries: 3114

Mean: -0.0088 +/- 0.0048

Std Dev: 0.2702 +/- 0.0034

Run 4562 quartetwise, Diffs



Cycle 1, Sums

Entries: 3940

Mean: 15.5413 +/- 0.0052

Std Dev: 0.3264 +/- 0.0037

Entries: 4693

Mean: 23.1094 +/- 0.0069

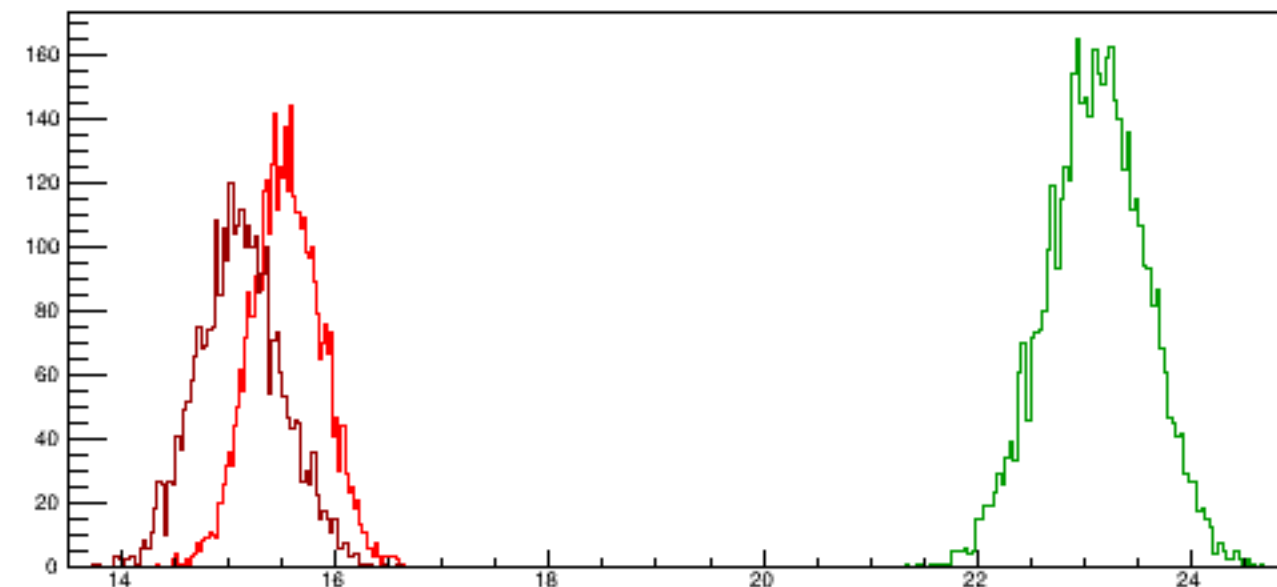
Std Dev: 0.4698 +/- 0.0048

Entries: 3114

Mean: 15.1097 +/- 0.0071

Std Dev: 0.3950 +/- 0.0050

Run 4562 quartetwise, Sums



Cycle 1, Asyms

Entries: 3940

Mean: -0.0008 +/- 0.0006

Std Dev: 0.0347 +/- 0.0004

Entries: 4693

Mean: 0.0143 +/- 0.0006

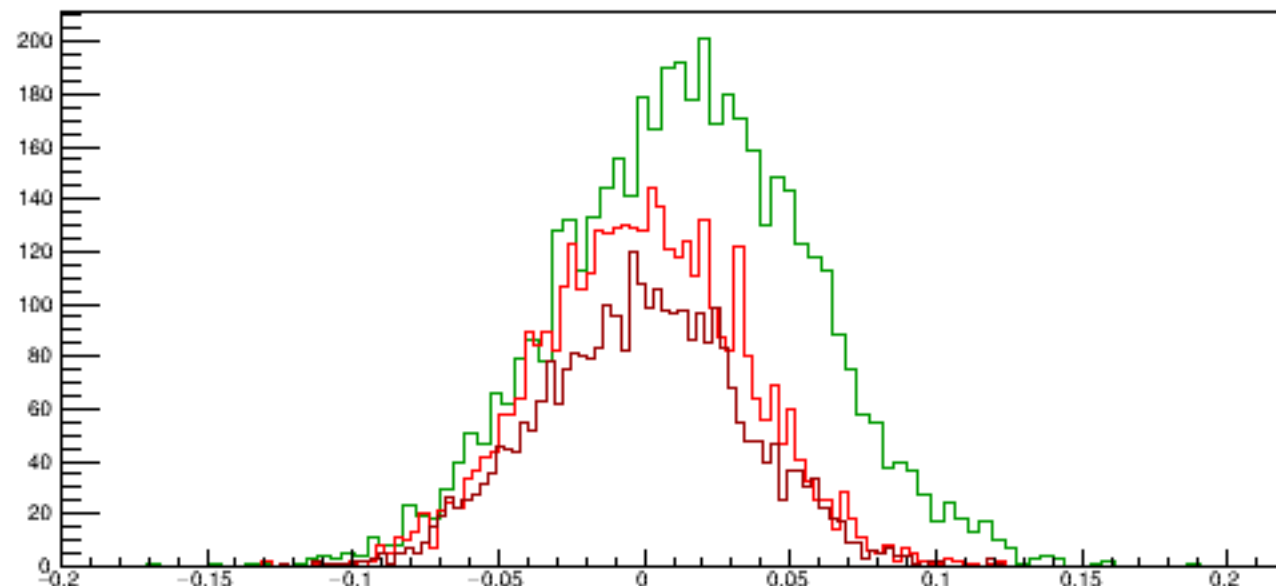
Std Dev: 0.0429 +/- 0.0004

Entries: 3114

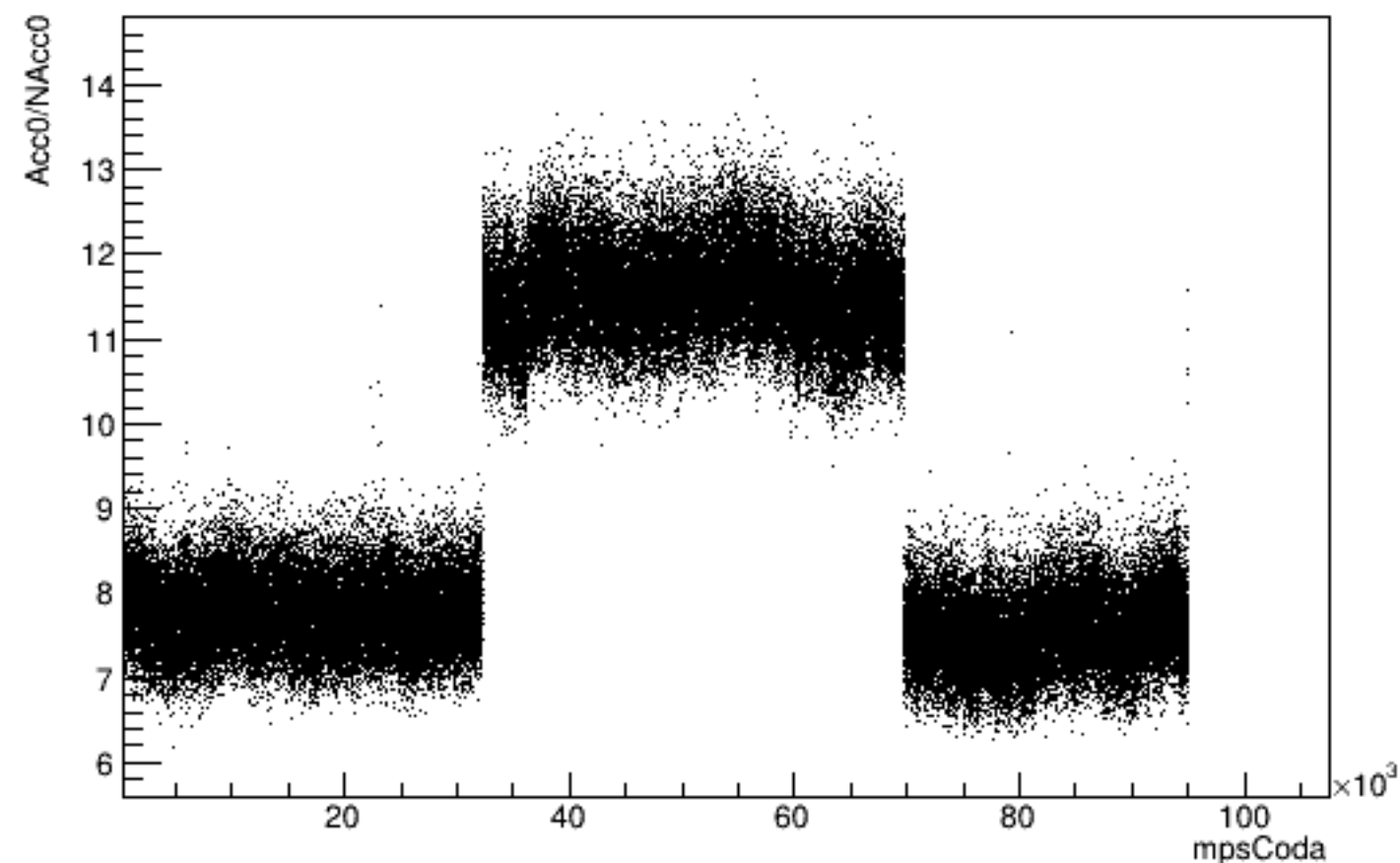
Mean: -0.0011 +/- 0.0006

Std Dev: 0.0347 +/- 0.0004

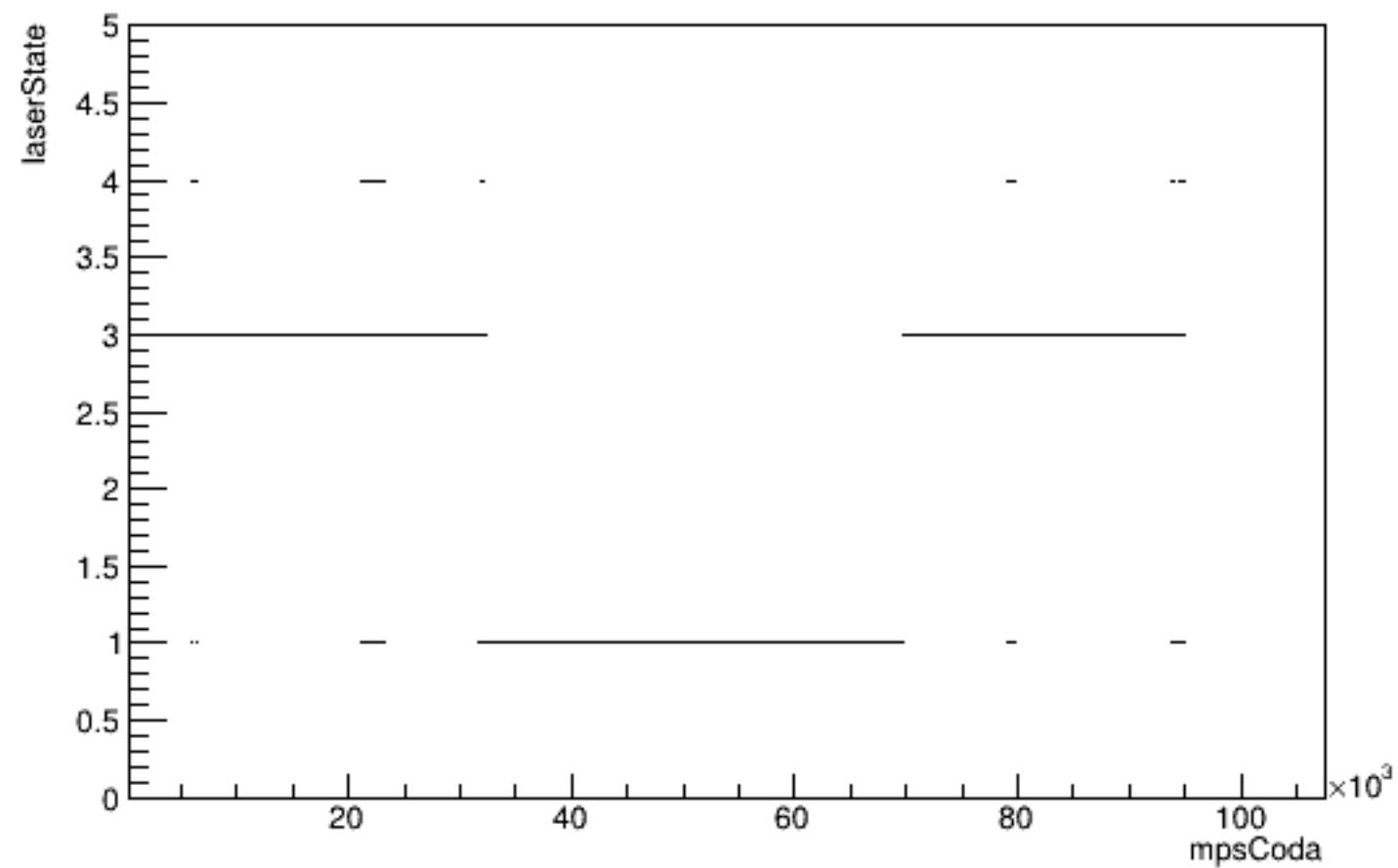
Run 4562 quartetwise, Asyms



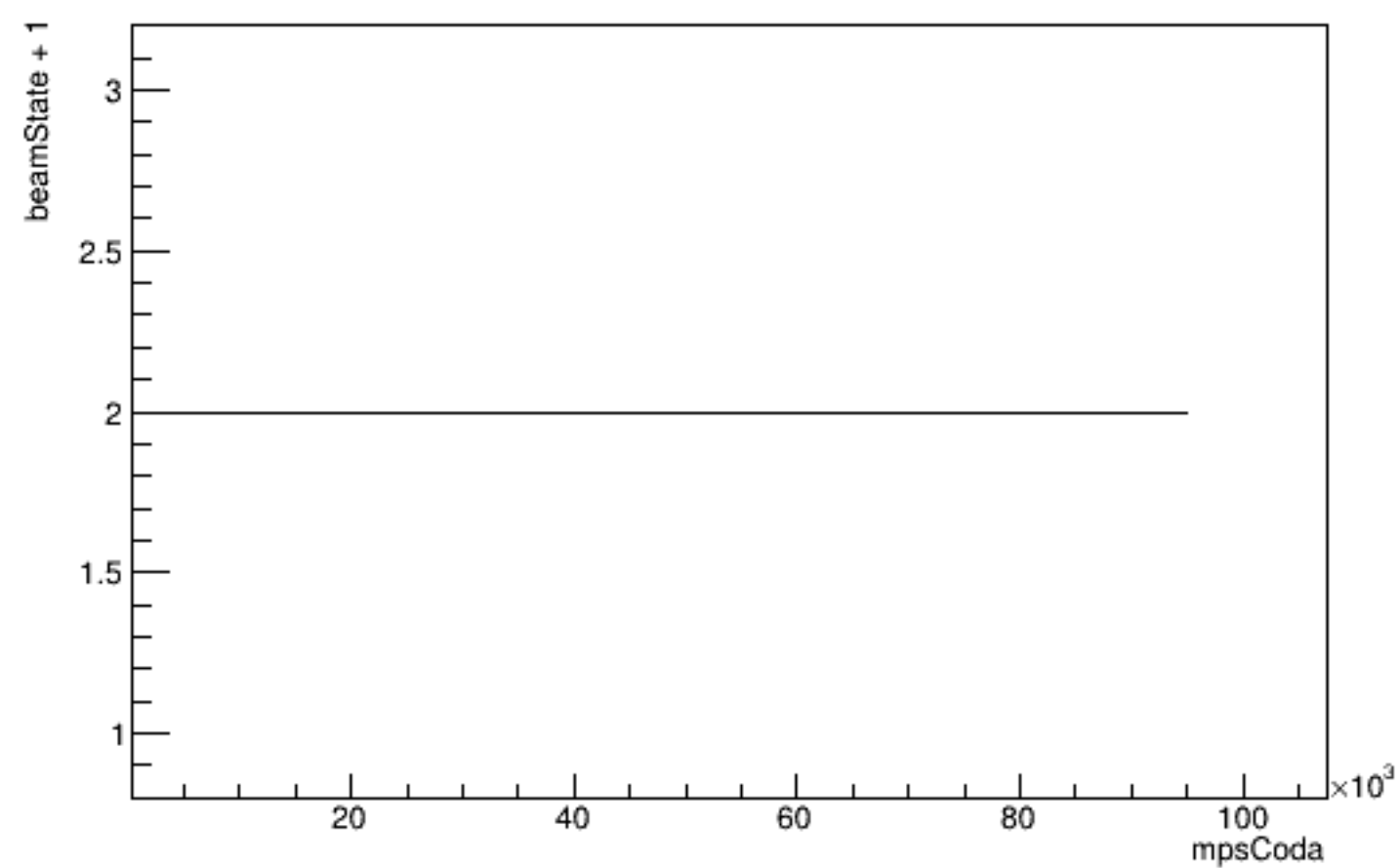
Acc0/NAcc0:mpsCoda {mpsCoda>=269 && mpsCoda<=95012 && beamState==1}



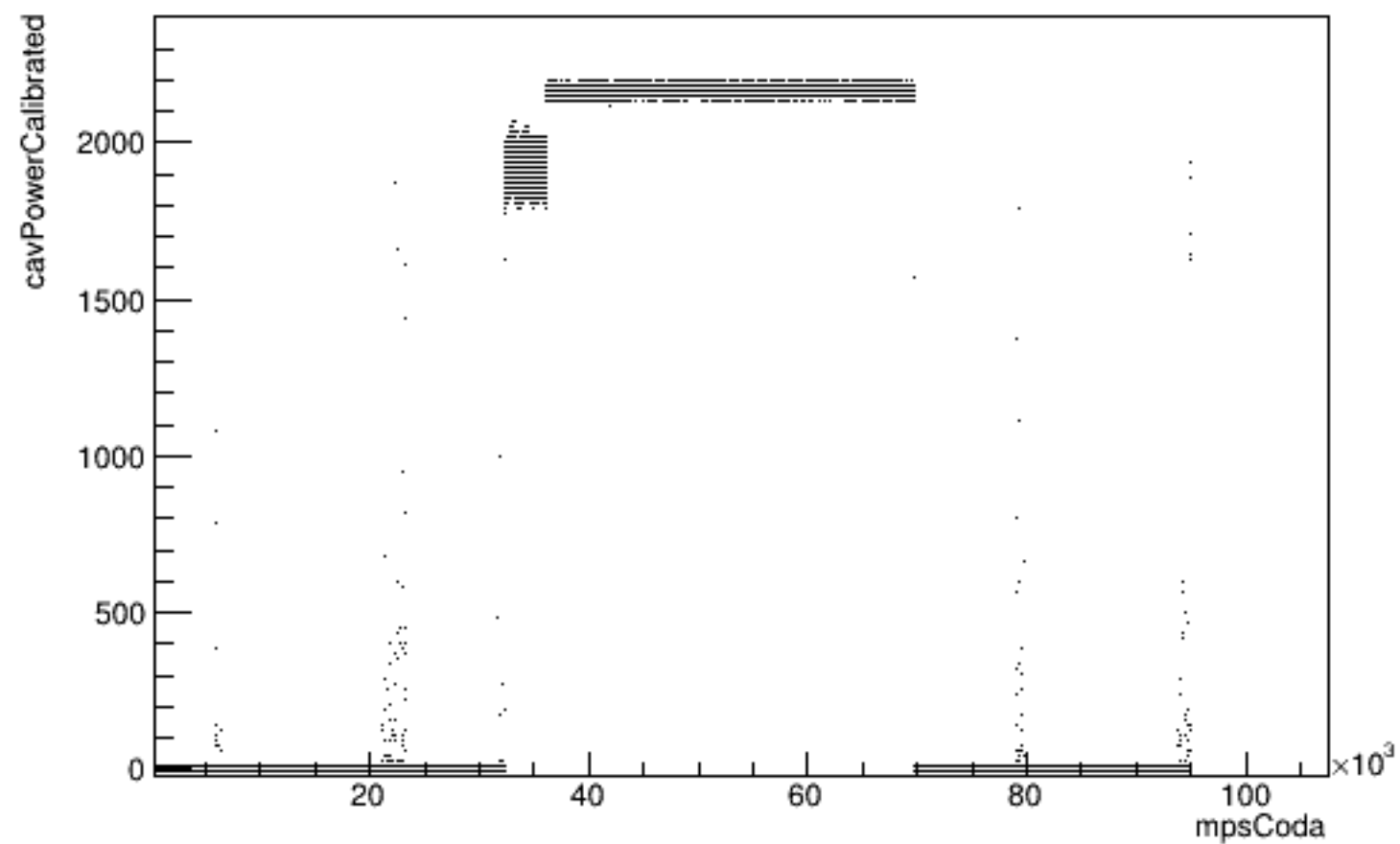
laserState:mpsCoda {mpsCoda>=269 && mpsCoda<=95012}



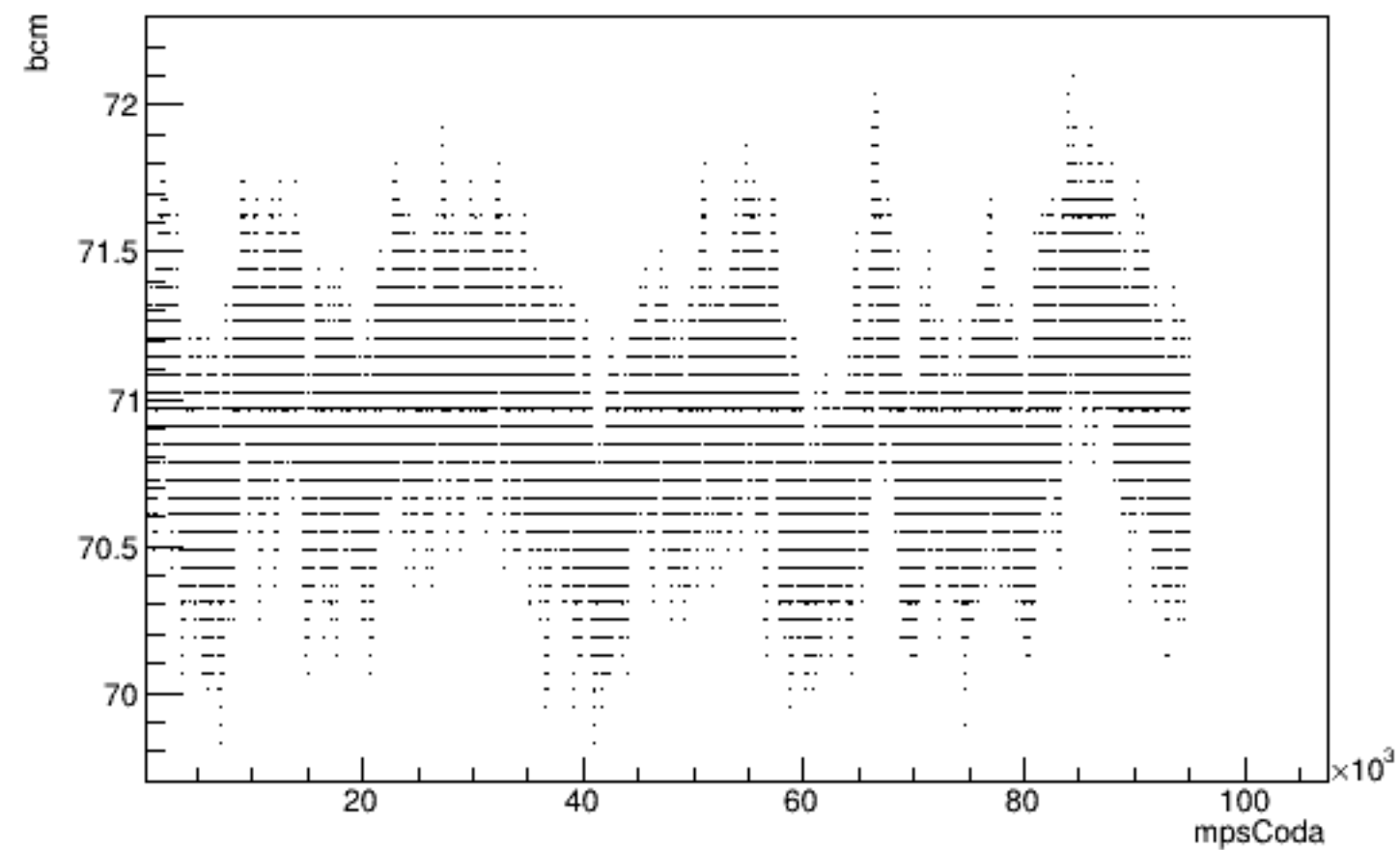
beamState + 1:mpsCoda {mpsCoda>=269 && mpsCoda<=95012}



cavPowerCalibrated:mpsCoda {mpsCoda>=269 && mpsCoda<=95012}



bcm:mpsCoda {mpsCoda>=269 && mpsCoda<=95012}



Cycle 2, Diffs

Entries: 3114

Mean: -0.0088 +/- 0.0048

Std Dev: 0.2702 +/- 0.0034

Entries: 2317

Mean: 0.1081 +/- 0.0069

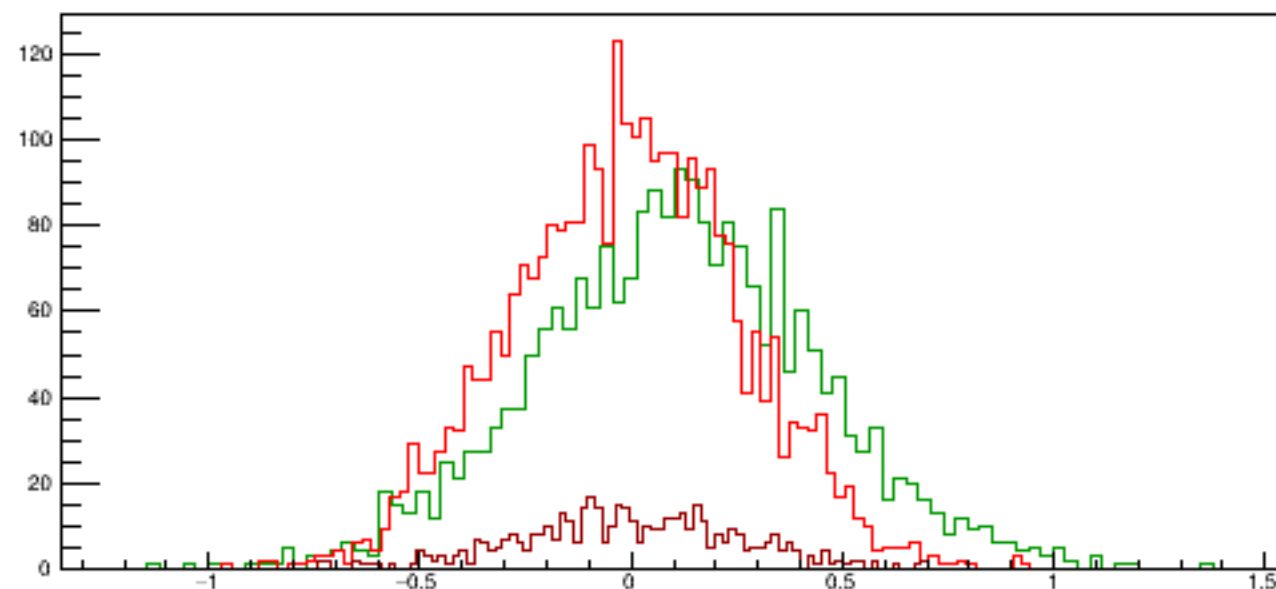
Std Dev: 0.3343 +/- 0.0049

Entries: 449

Mean: -0.0068 +/- 0.0122

Std Dev: 0.2584 +/- 0.0086

Run 4562 quartetwise, Diffs



Cycle 2, Sums

Entries: 3114

Mean: 15.1097 +/- 0.0071

Std Dev: 0.3950 +/- 0.0050

Entries: 2317

Mean: 23.5371 +/- 0.0167

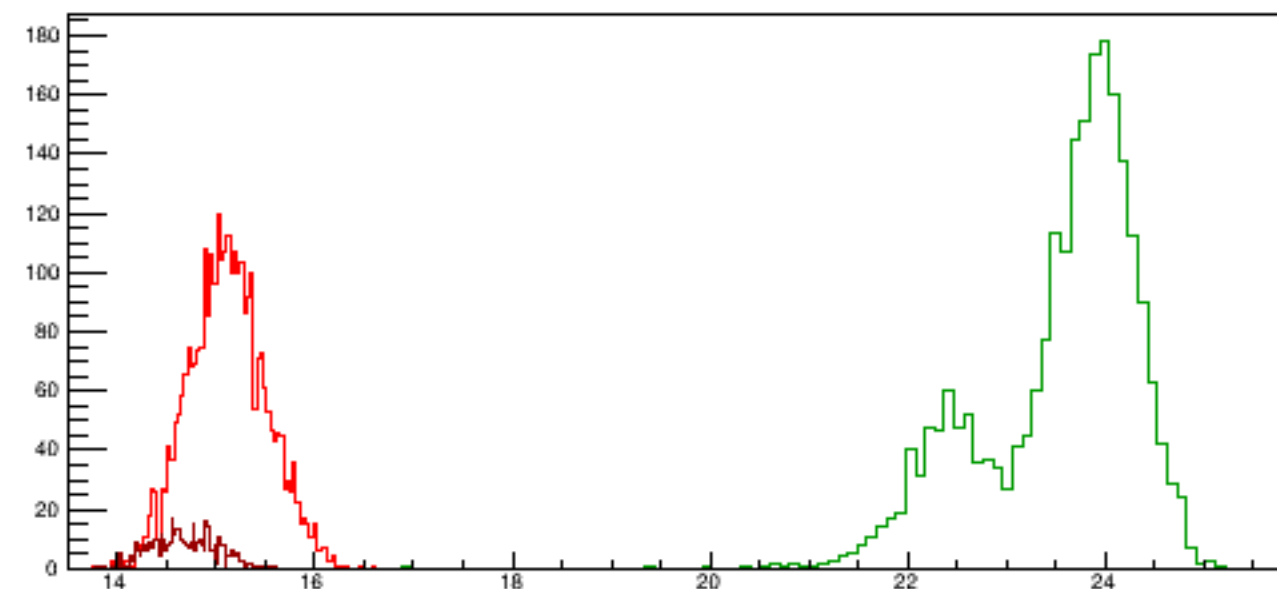
Std Dev: 0.8020 +/- 0.0118

Entries: 449

Mean: 14.6722 +/- 0.0158

Std Dev: 0.3349 +/- 0.0112

Run 4562 quartetwise, Sums



Cycle 2, Asyms

Entries: 3114

Mean: -0.0010 +/- 0.0006

Std Dev: 0.0312 +/- 0.0004

Entries: 2317

Mean: 0.0124 +/- 0.0008

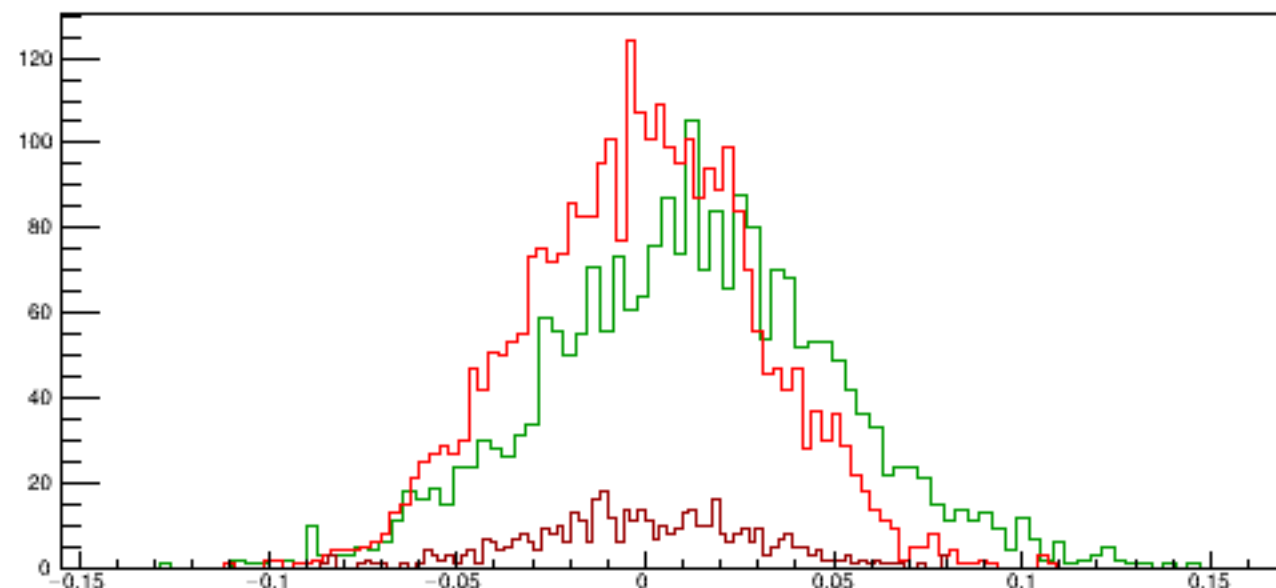
Std Dev: 0.0390 +/- 0.0006

Entries: 449

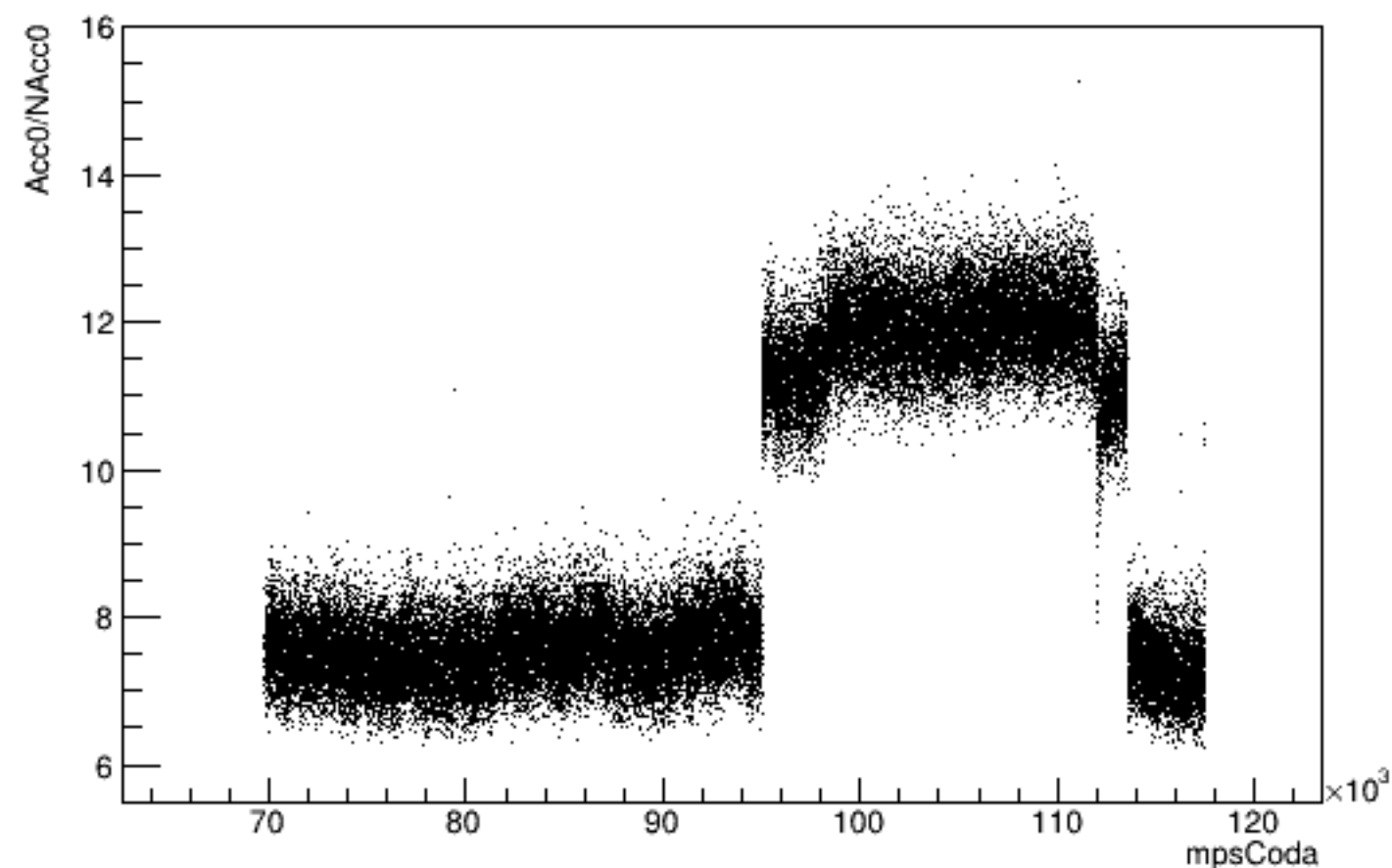
Mean: -0.0008 +/- 0.0014

Std Dev: 0.0299 +/- 0.0010

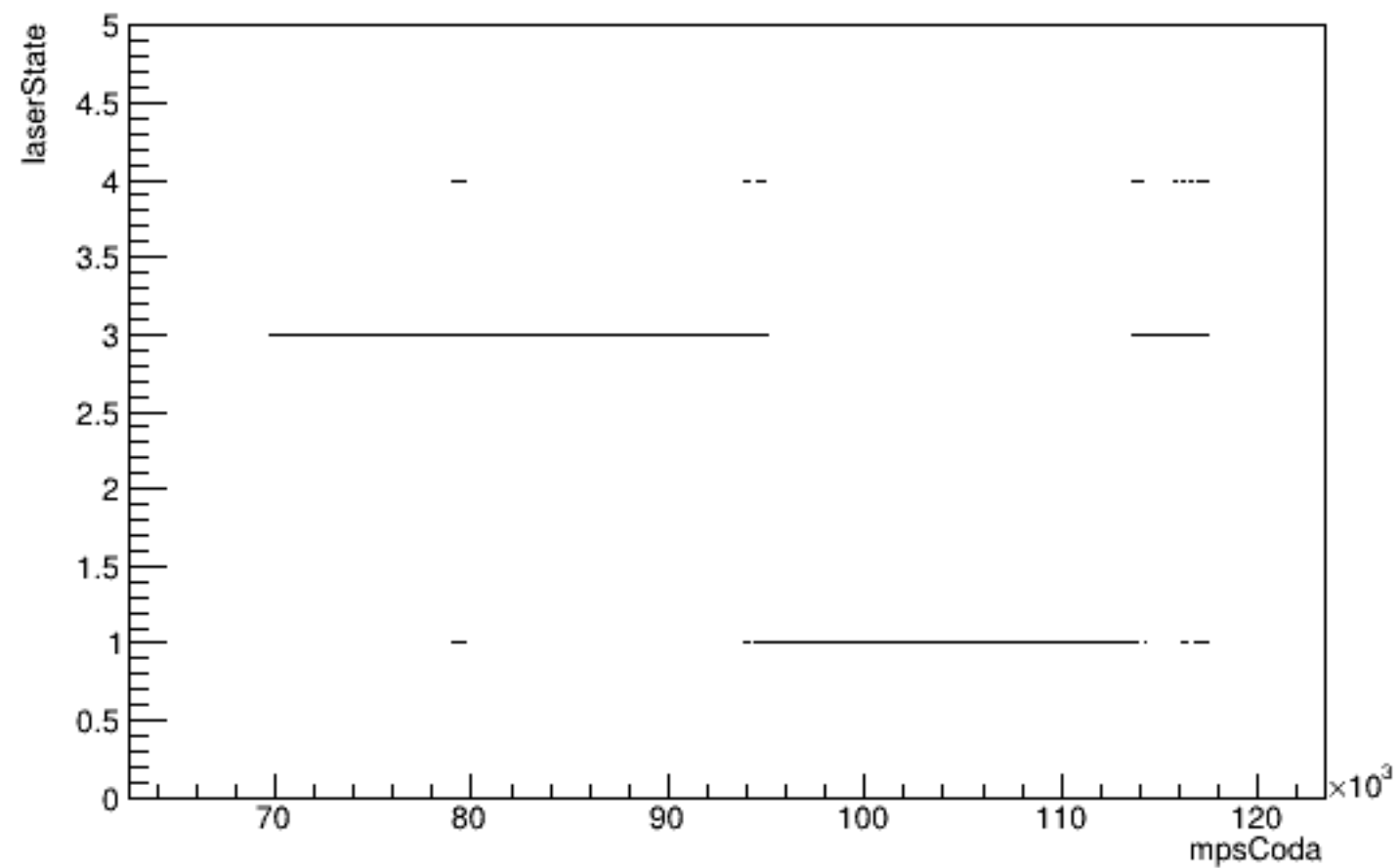
Run 4562 quartetwise, Asyms



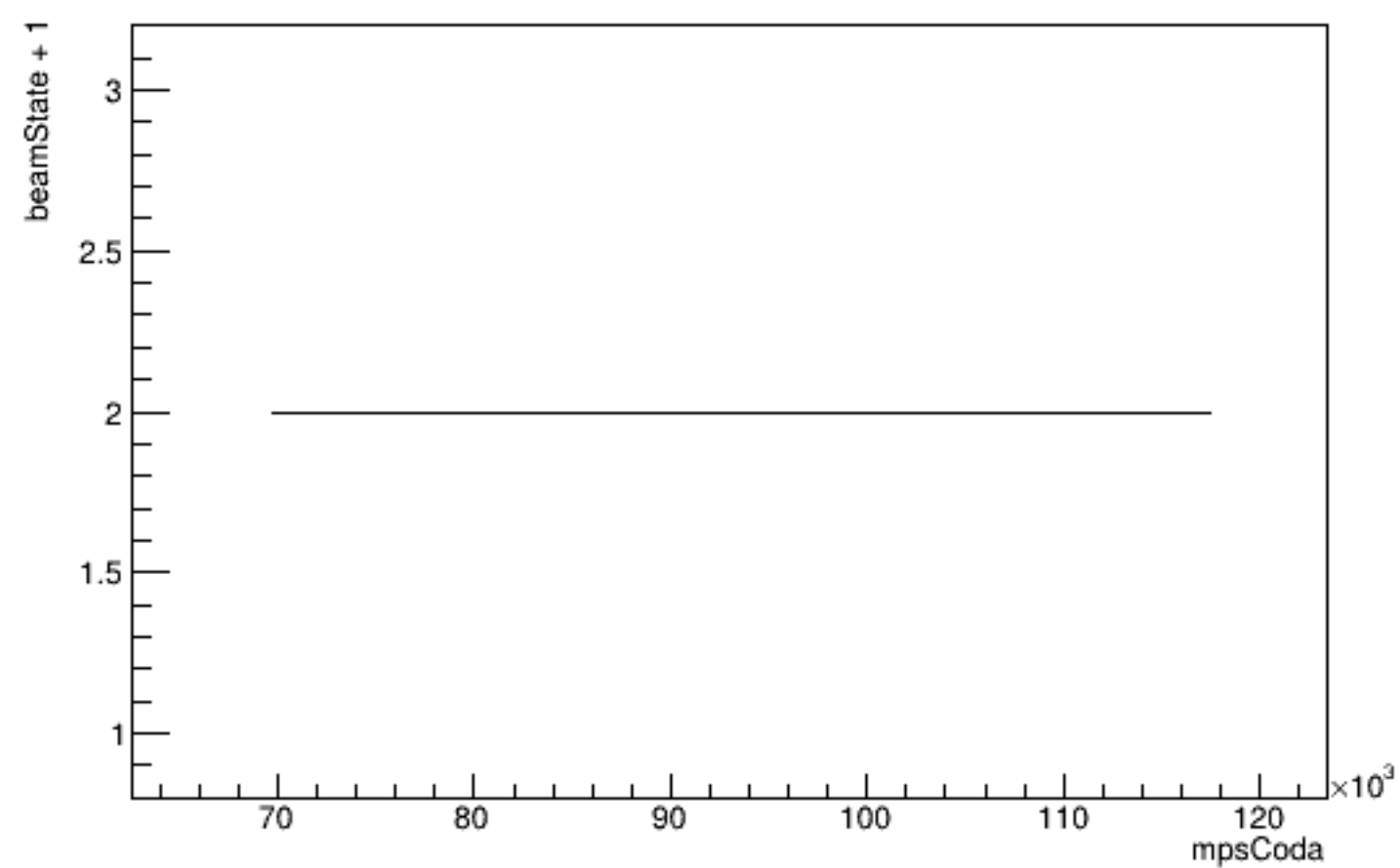
Acc0/NAcc0:mpsCoda {mpsCoda>=69781 && mpsCoda<=117484 && beamState==1}



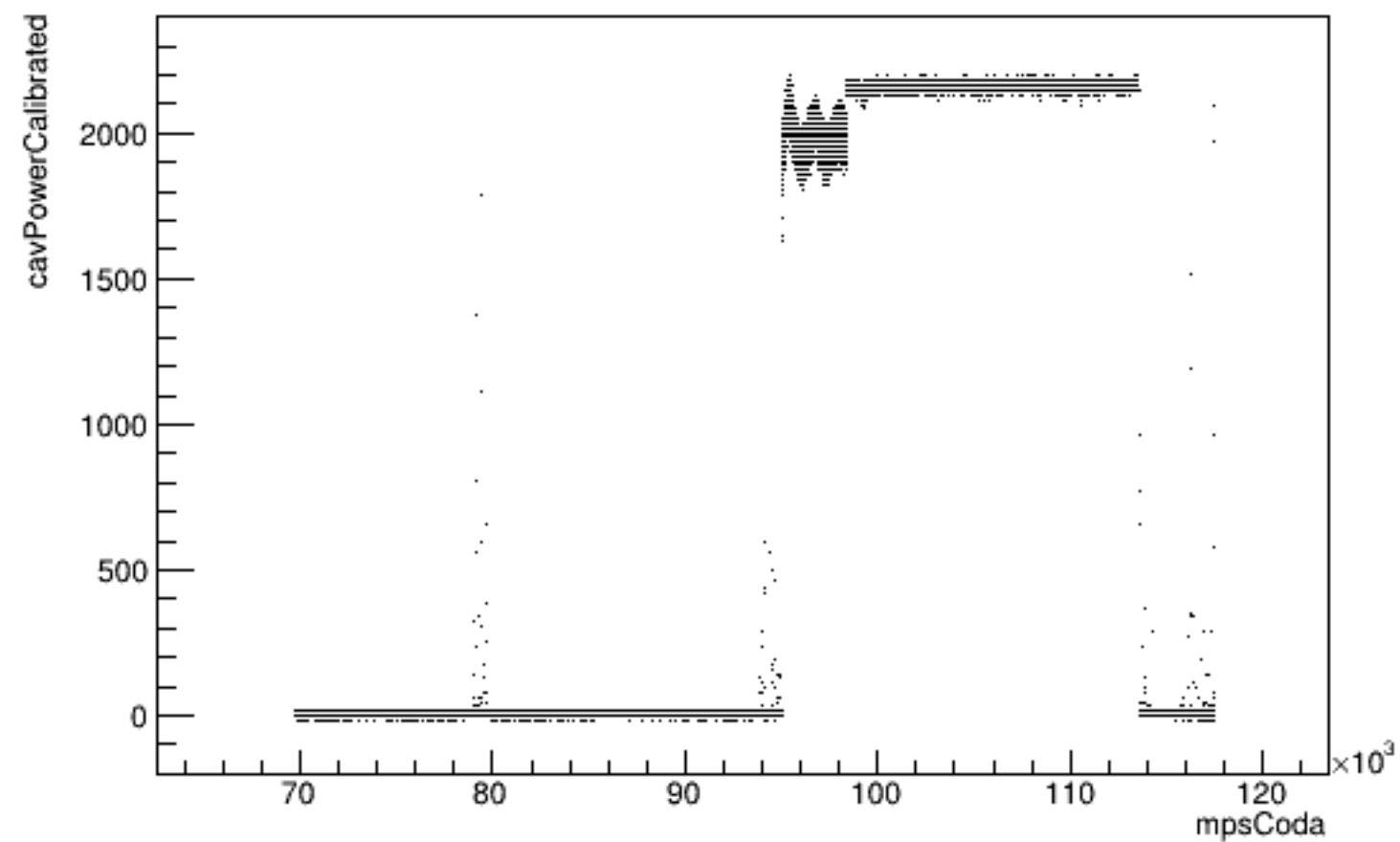
laserState:mpsCoda {mpsCoda>=69781 && mpsCoda<=117484}



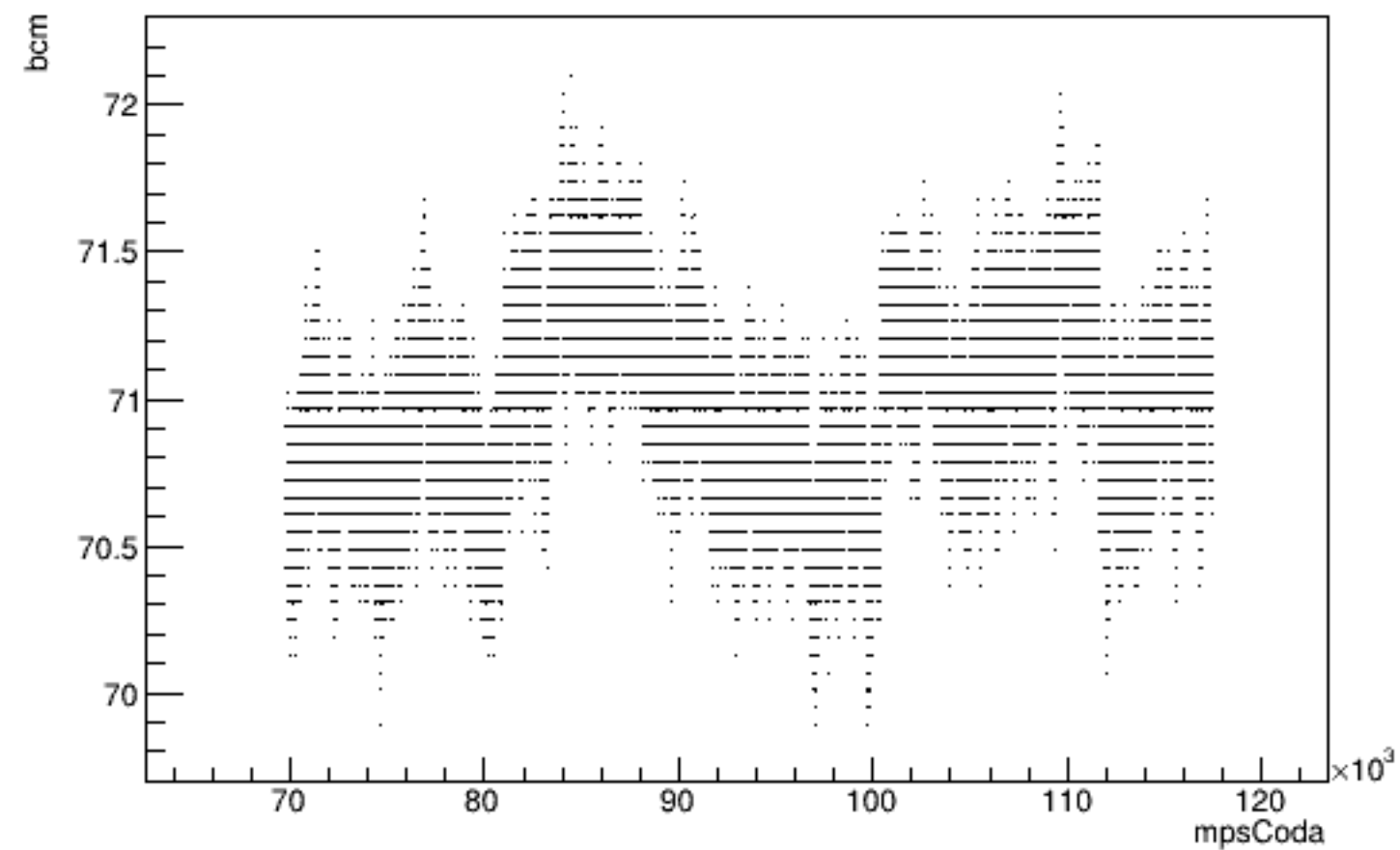
beamState + 1:mpsCoda {mpsCoda>=69781 && mpsCoda<=117484}



cavPowerCalibrated:mpsCoda {mpsCoda>=69781 && mpsCoda<=117484}



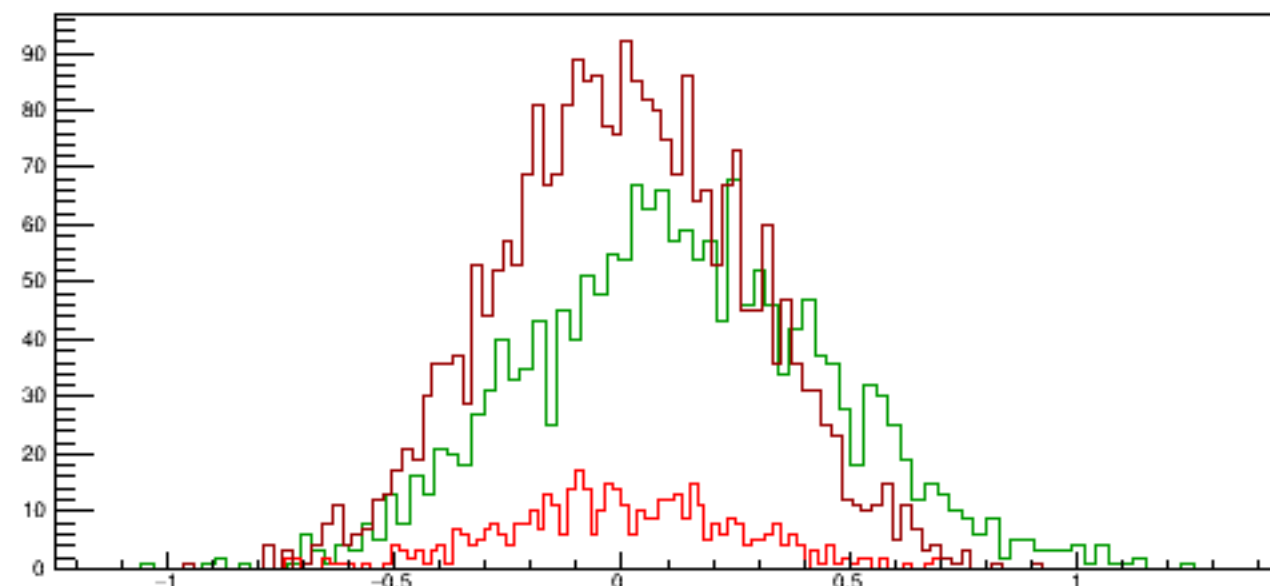
bcm:mpsCoda {mpsCoda>=69781 && mpsCoda<=117484}



Cycle 3, Diffs

Entries: 449	Entries: 1807	Entries: 2706
Mean: -0.0068 +/- 0.0122	Mean: 0.1266 +/- 0.0078	Mean: 0.0049 +/- 0.0052
Std Dev: 0.2584 +/- 0.0086	Std Dev: 0.3328 +/- 0.0055	Std Dev: 0.2724 +/- 0.0037

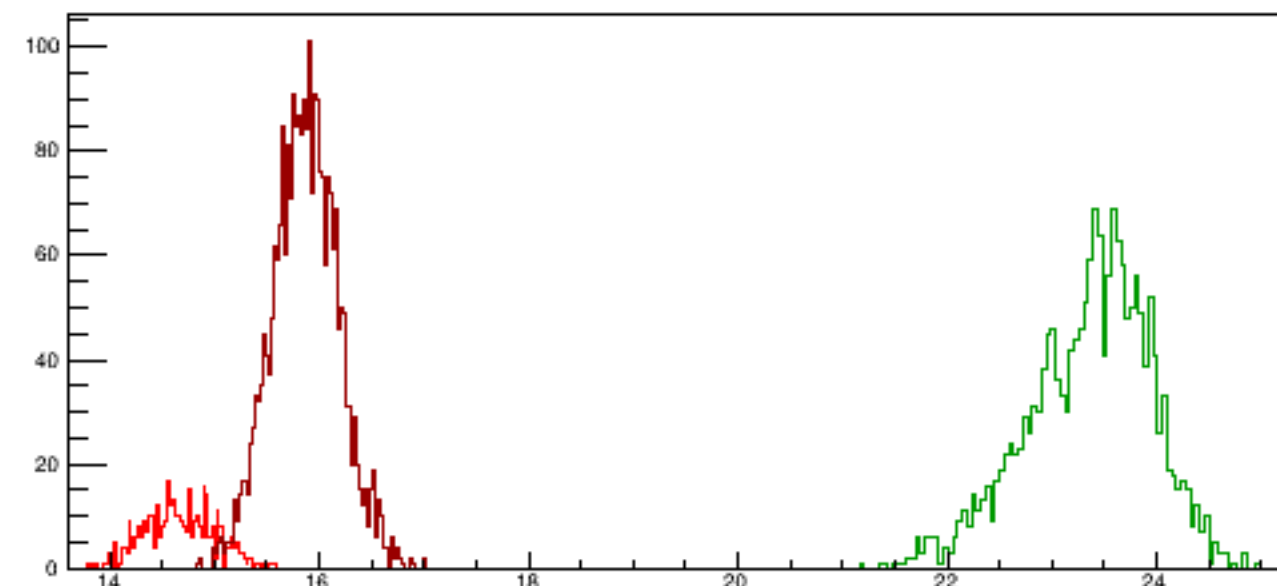
Run 4562 quartetwise, Diffs



Cycle 3, Sums

Entries: 449	Entries: 1807	Entries: 2706
Mean: 14.6722 +/- 0.0158	Mean: 23.3484 +/- 0.0139	Mean: 15.8701 +/- 0.0061
Std Dev: 0.3349 +/- 0.0112	Std Dev: 0.5905 +/- 0.0098	Std Dev: 0.3168 +/- 0.0043

Run 4562 quartetwise, Sums

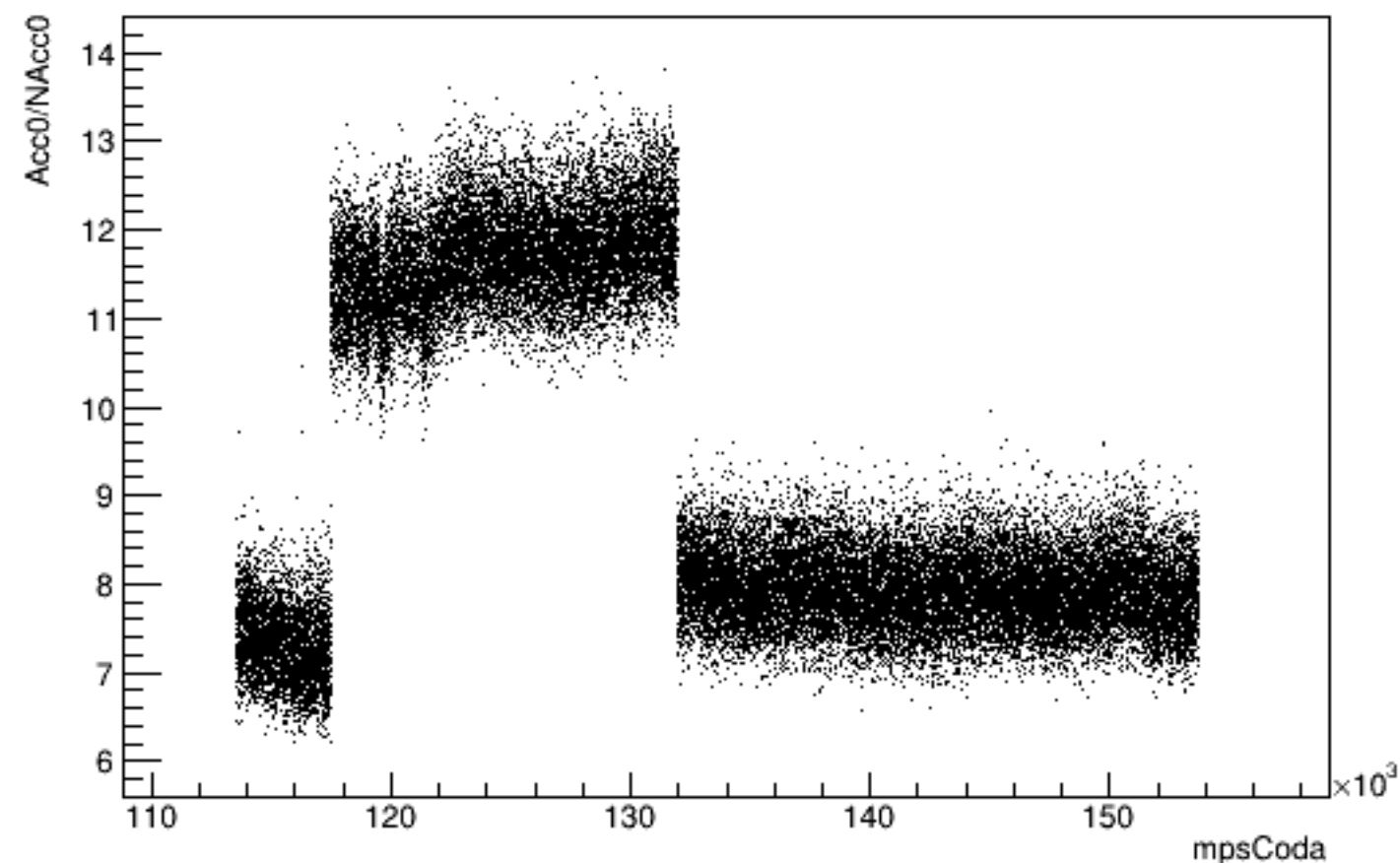
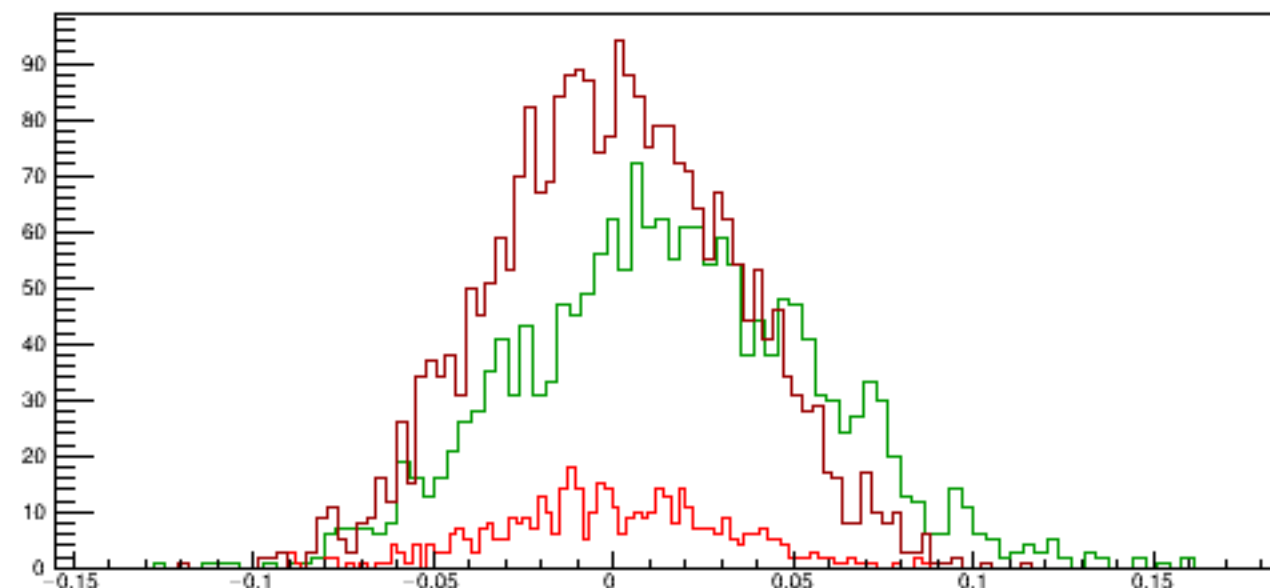


Acc0/NAcc0:mpsCoda (mpsCoda>=113557 && mpsCoda<=157684 && beamState==1)

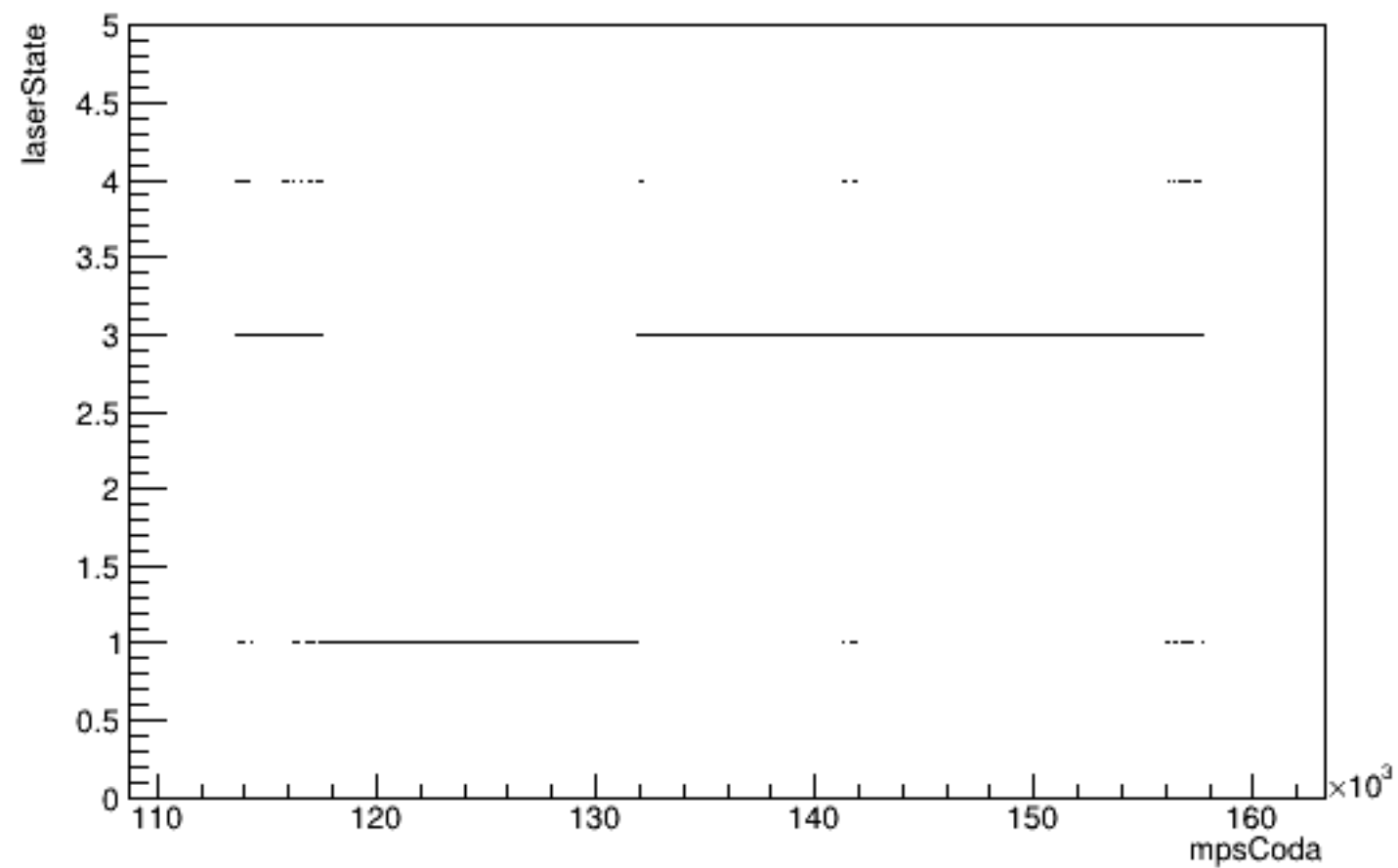
Cycle 3, Asyms

Entries: 449	Entries: 1807	Entries: 2706
Mean: -0.0008 +/- 0.0015	Mean: 0.0157 +/- 0.0010	Mean: 0.0006 +/- 0.0006
Std Dev: 0.0320 +/- 0.0011	Std Dev: 0.0414 +/- 0.0007	Std Dev: 0.0337 +/- 0.0005

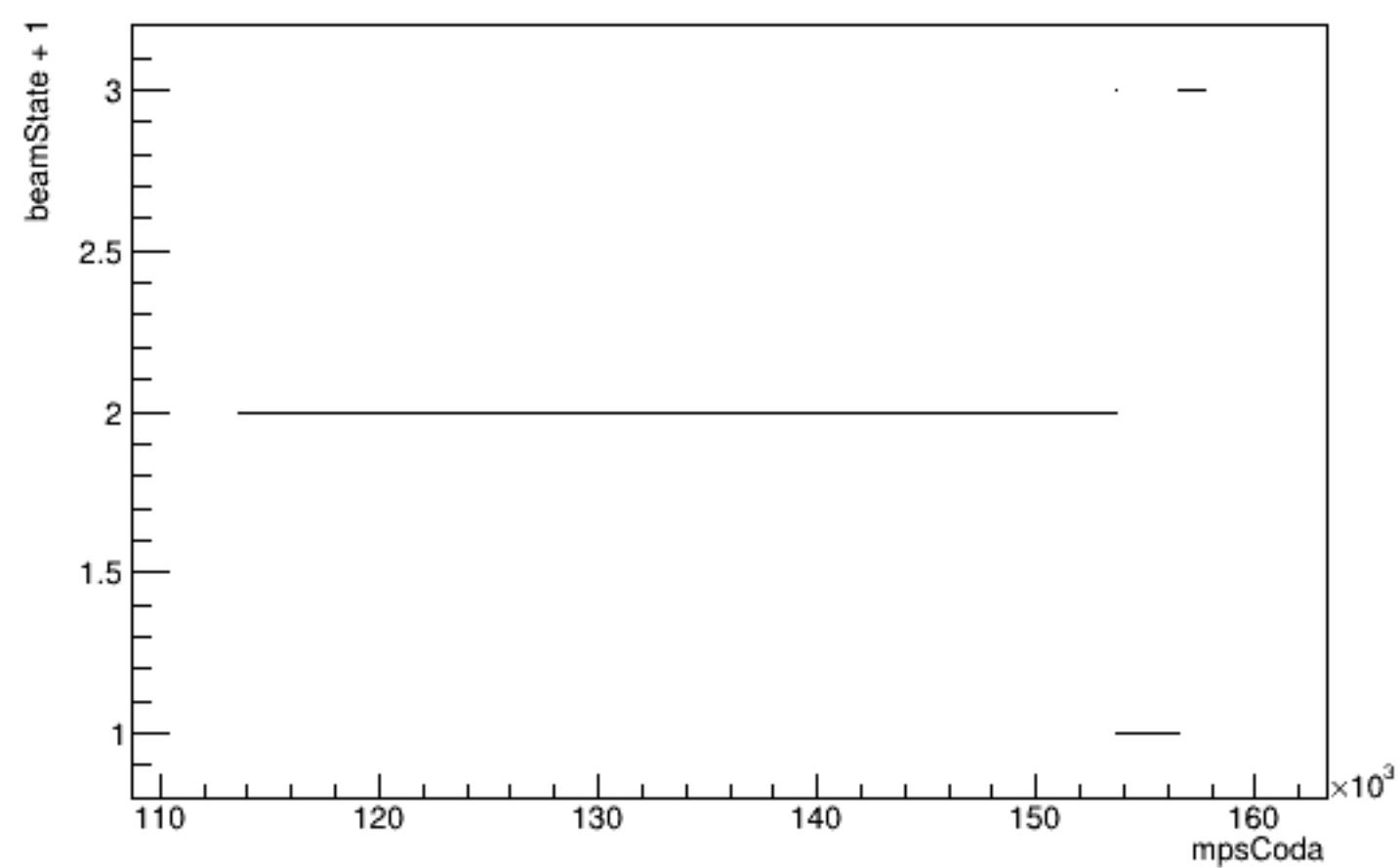
Run 4562 quartetwise, Asyms



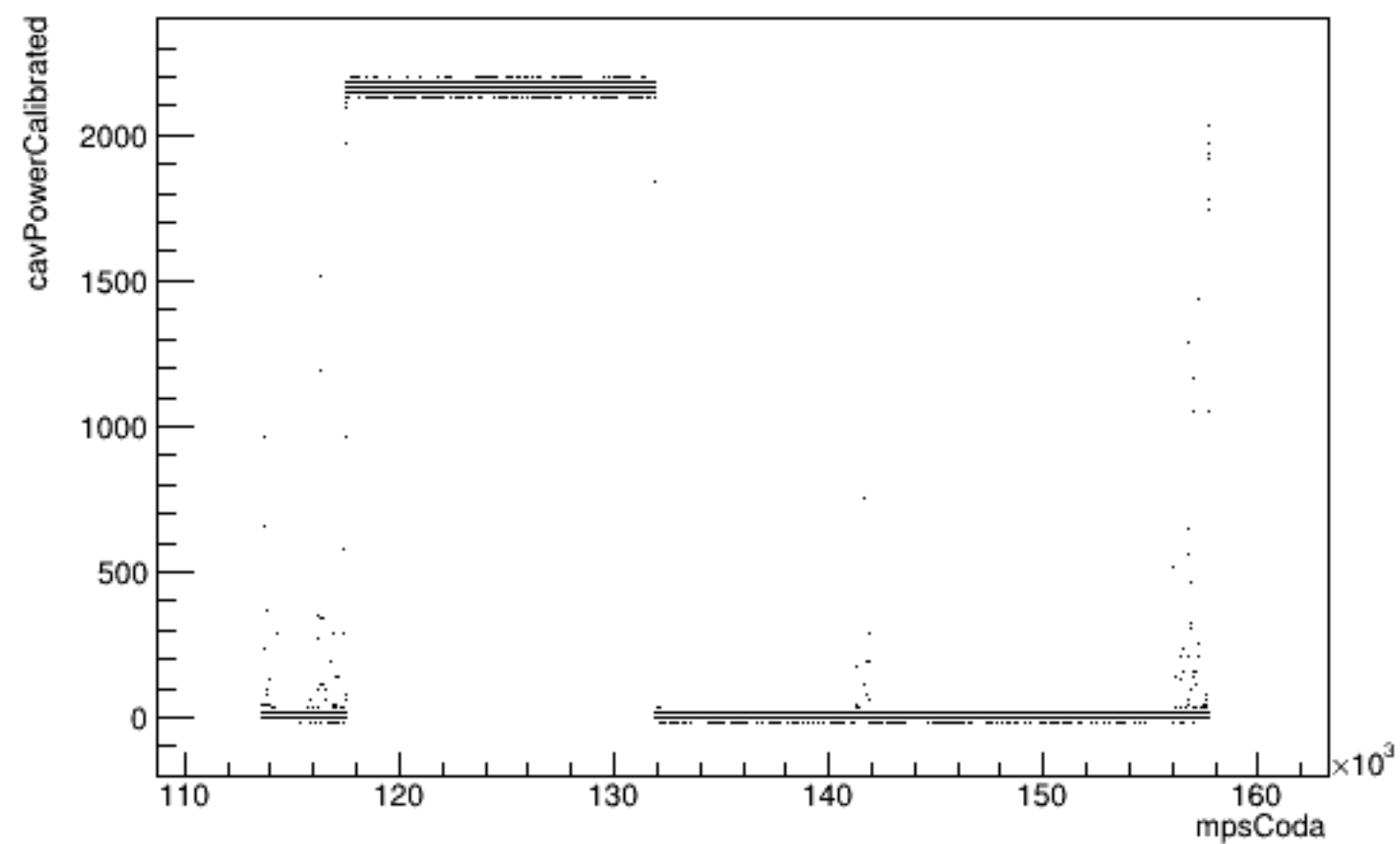
laserState:mpsCoda {mpsCoda>=113557 && mpsCoda<=157684}



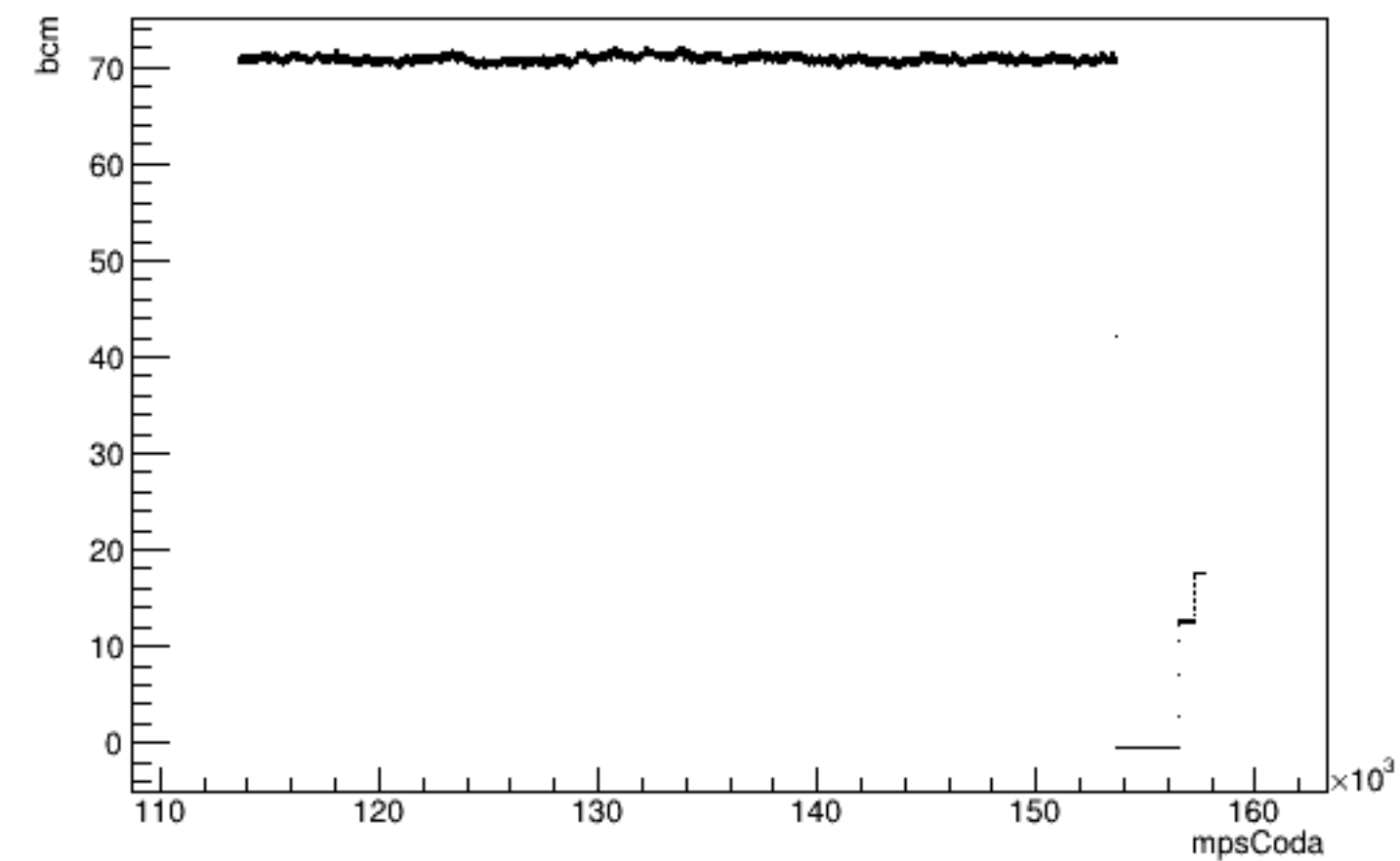
beamState + 1:mpsCoda {mpsCoda>=113557 && mpsCoda<=157684}



cavPowerCalibrated:mpsCoda {mpsCoda>=113557 && mpsCoda<=157684}



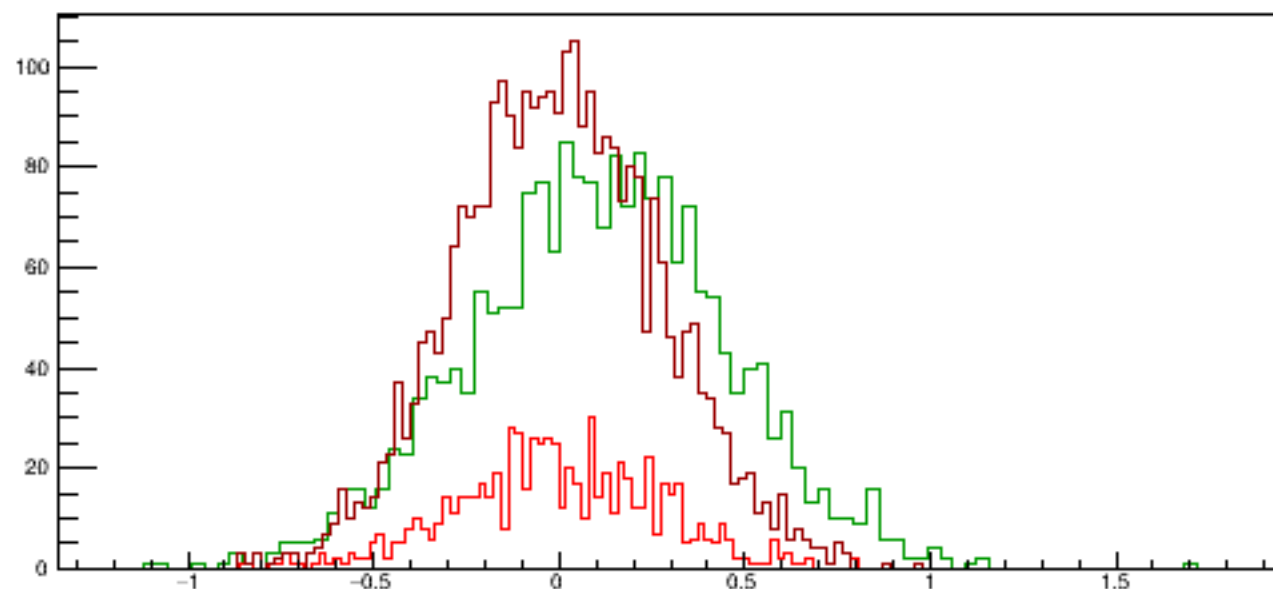
bcm:mpsCoda {mpsCoda>=113557 && mpsCoda<=157684}



Cycle 4, Diffs

Entries: 731	Entries: 2034	Entries: 3111
Mean: -0.0058 +/- 0.0101	Mean: 0.1064 +/- 0.0076	Mean: 0.0002 +/- 0.0049
Std Dev: 0.2733 +/- 0.0071	Std Dev: 0.3439 +/- 0.0054	Std Dev: 0.2709 +/- 0.0034

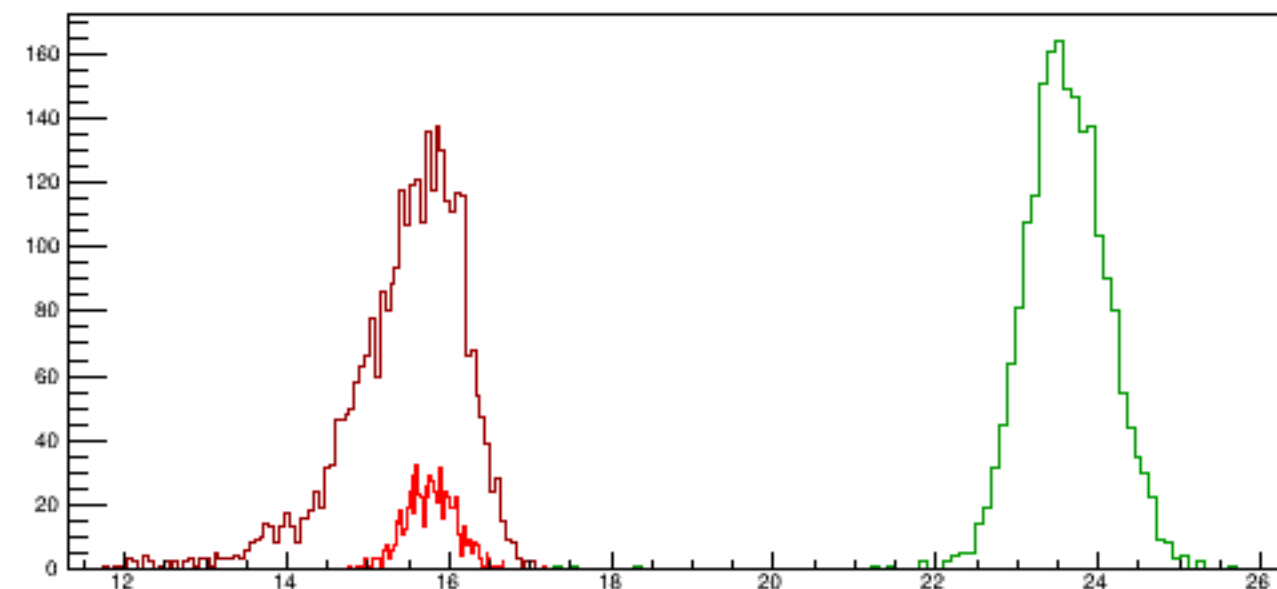
Run 4562 quartetwise, Diffs



Cycle 4, Sums

Entries: 731	Entries: 2034	Entries: 3111
Mean: 15.7688 +/- 0.0118	Mean: 23.5979 +/- 0.0123	Mean: 15.4647 +/- 0.0132
Std Dev: 0.3181 +/- 0.0083	Std Dev: 0.5530 +/- 0.0087	Std Dev: 0.7338 +/- 0.0093

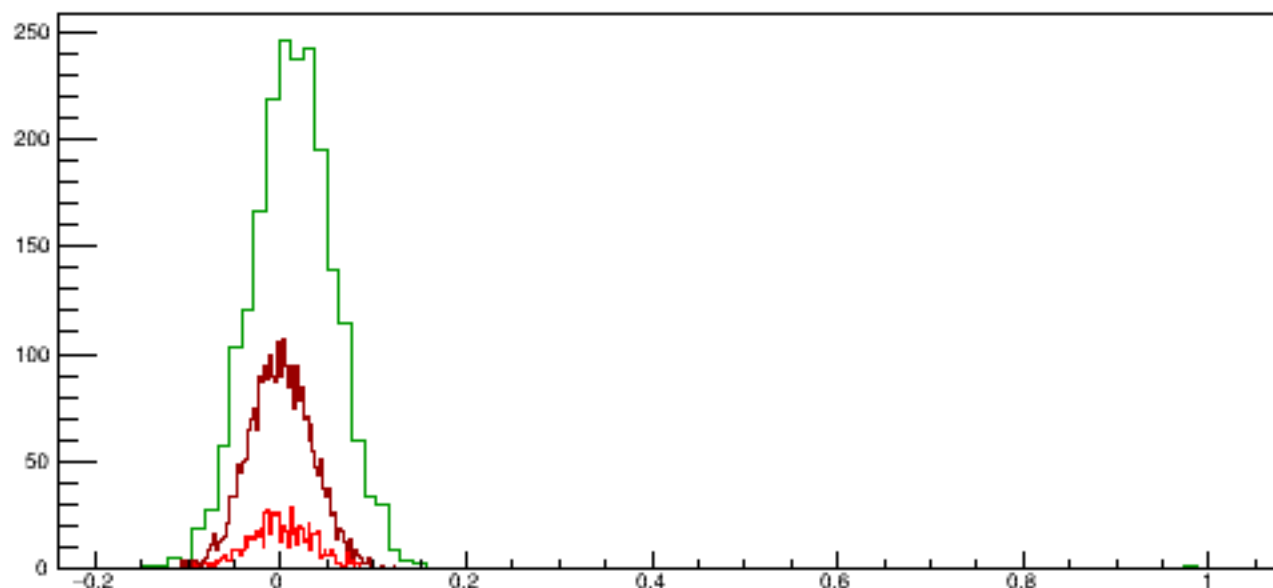
Run 4562 quartetwise, Sums



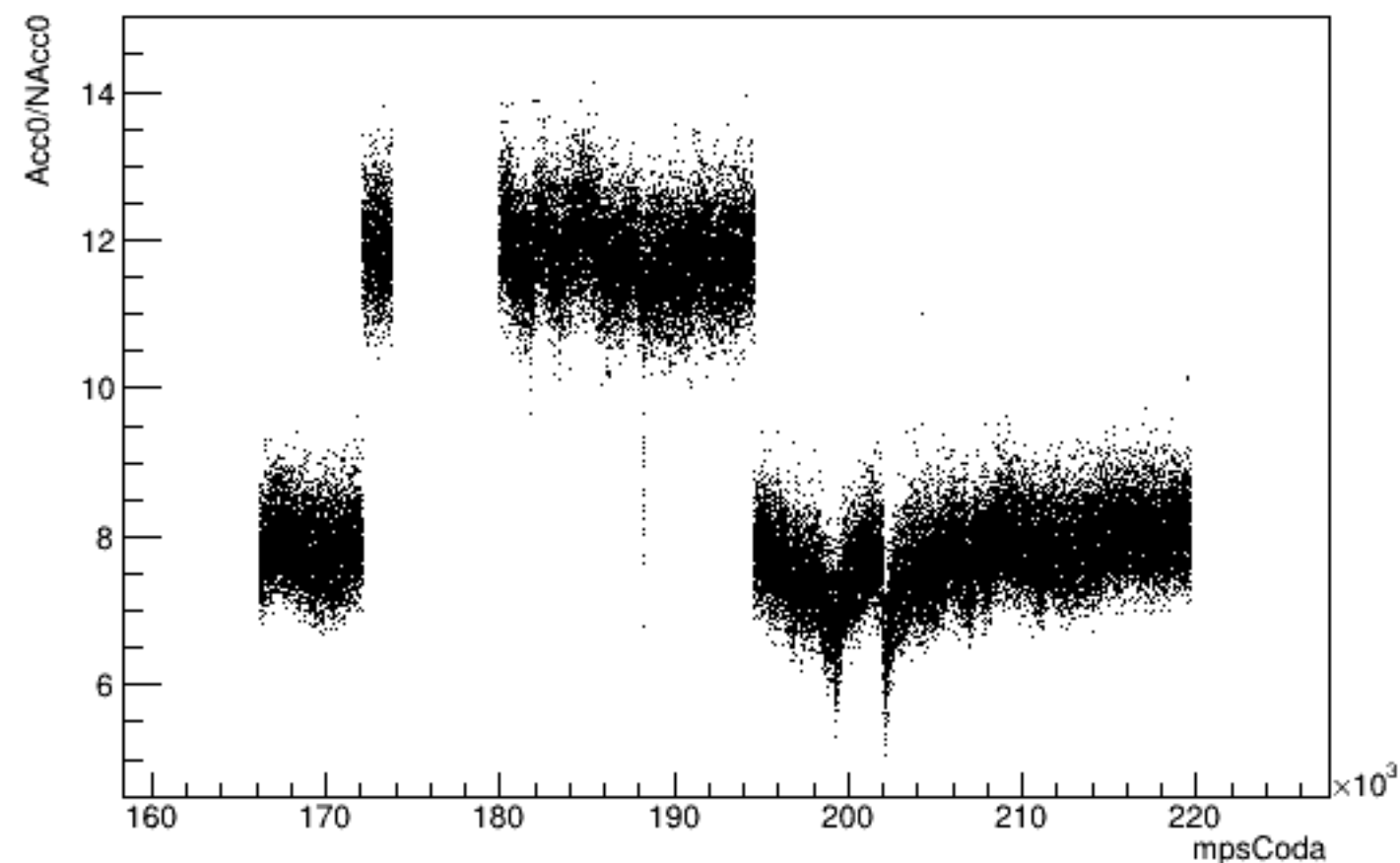
Cycle 4, Asyms

Entries: 731	Entries: 2034	Entries: 3111
Mean: -0.0007 +/- 0.0013	Mean: 0.0138 +/- 0.0011	Mean: 0.0000 +/- 0.0006
Std Dev: 0.0342 +/- 0.0009	Std Dev: 0.0480 +/- 0.0008	Std Dev: 0.0339 +/- 0.0004

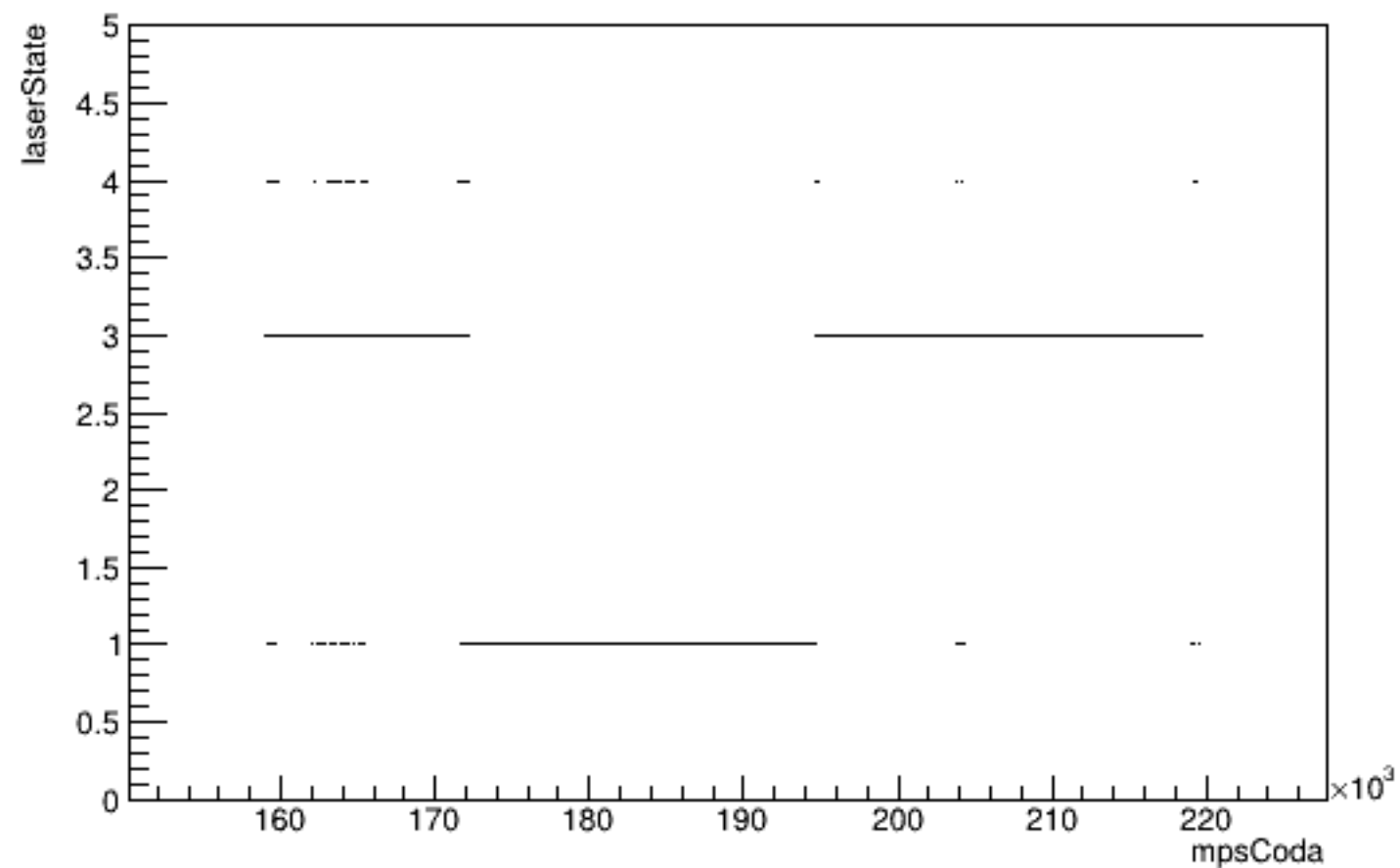
Run 4562 quartetwise, Asyms



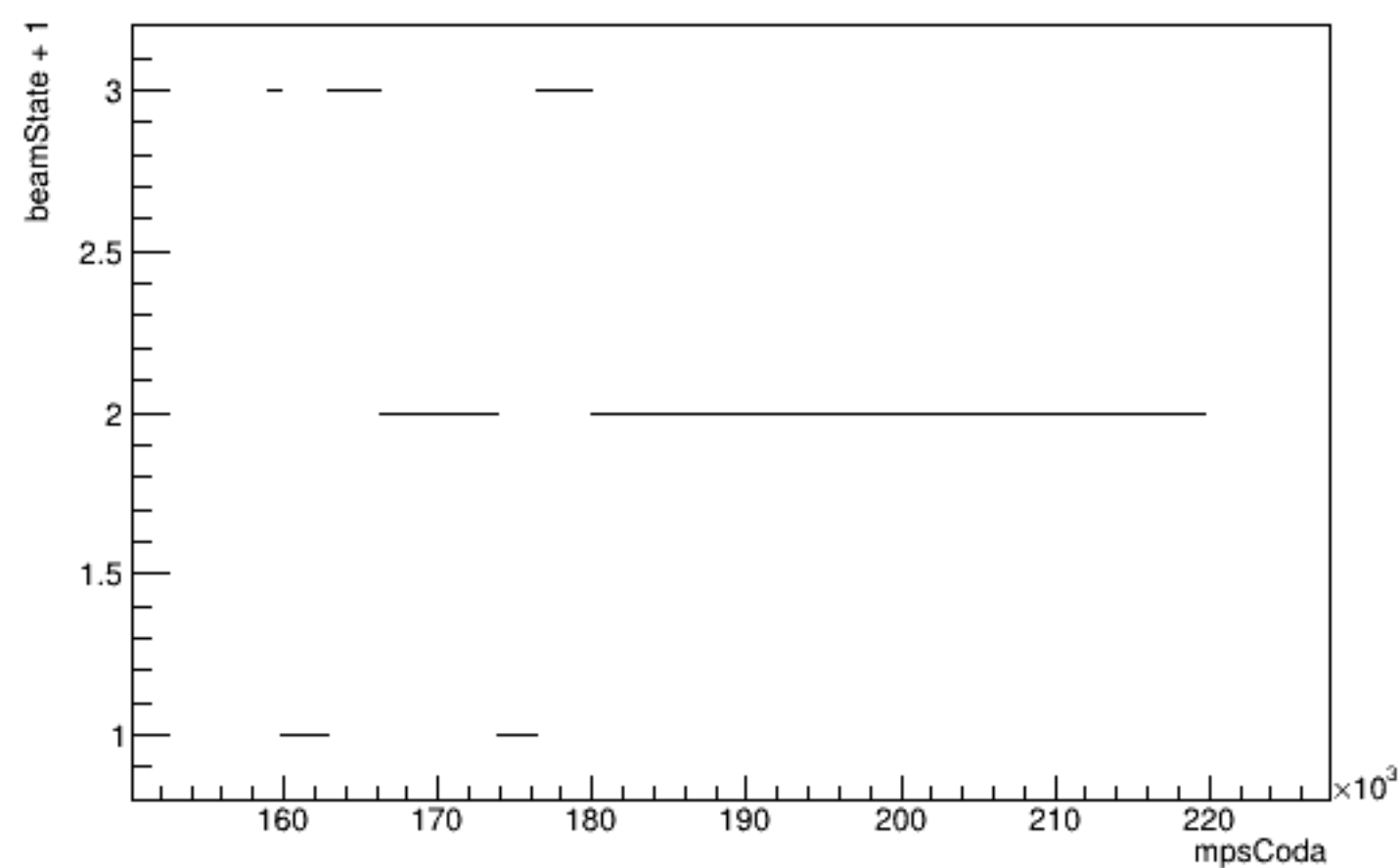
Acc0/NAcc0:mpsCoda (mpsCoda>=158965 && mpsCoda<=219660 && beamState==1)



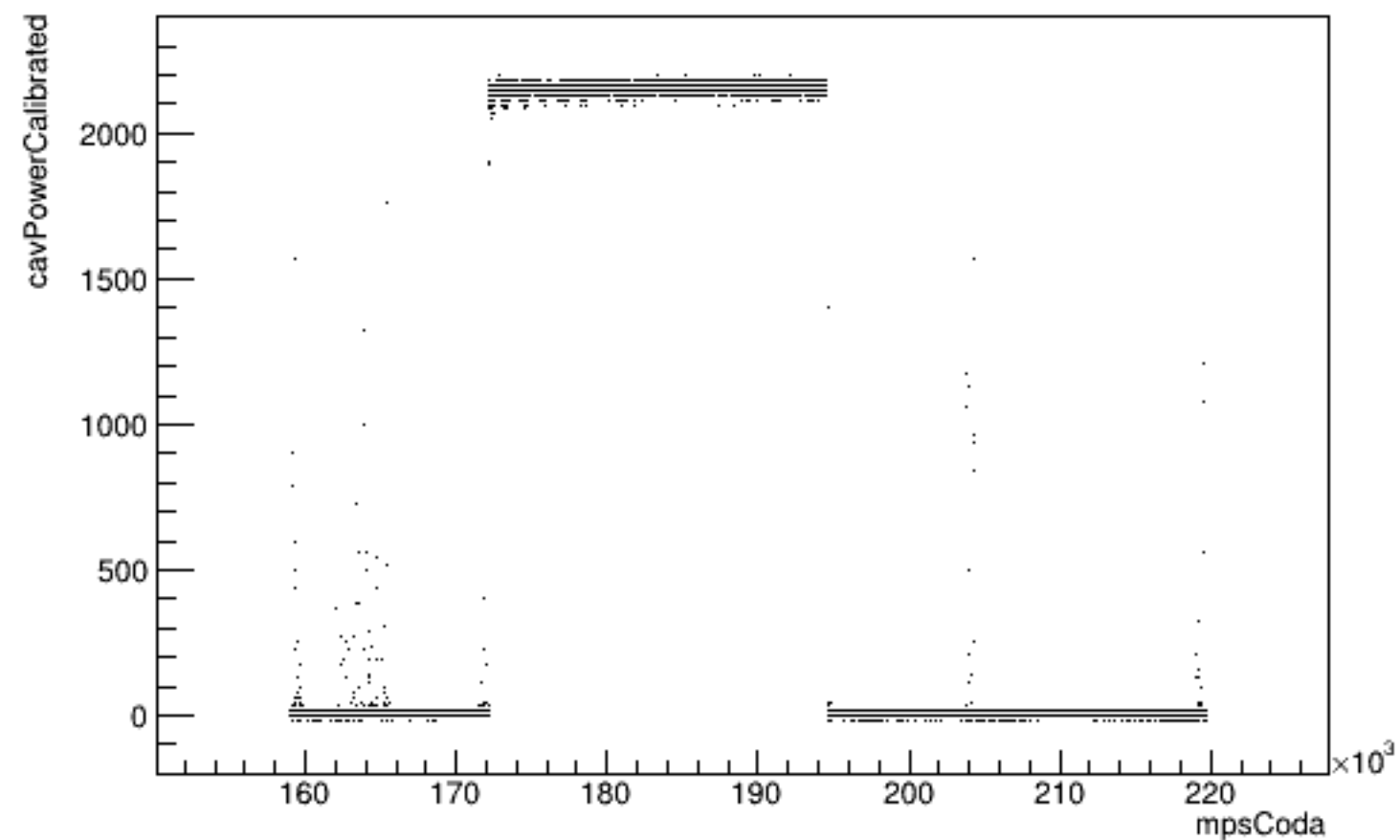
laserState:mpsCoda {mpsCoda>=158965 && mpsCoda<=219660}



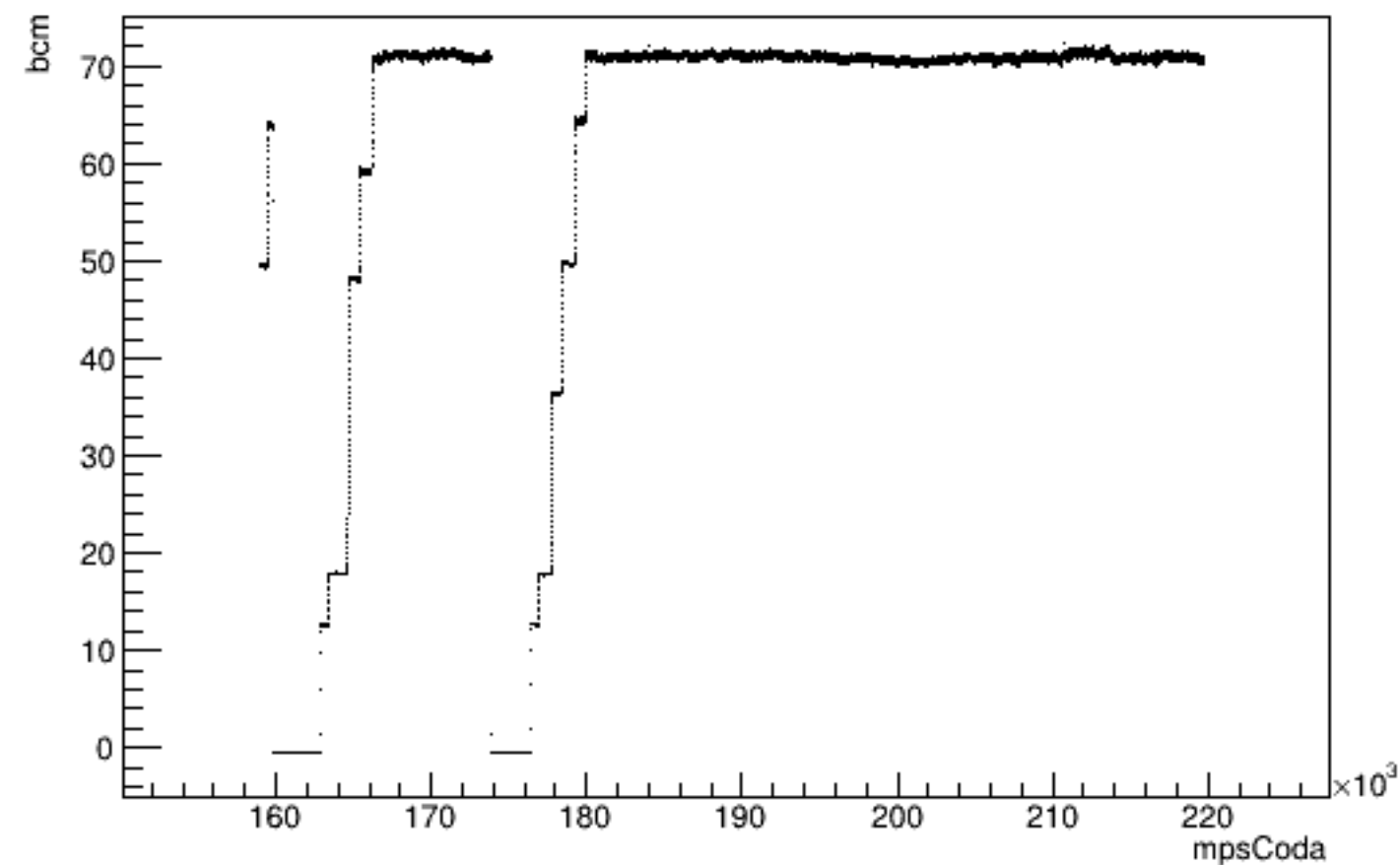
beamState + 1:mpsCoda {mpsCoda>=158965 && mpsCoda<=219660}



cavPowerCalibrated:mpsCoda {mpsCoda>=158965 && mpsCoda<=219660}



bcm:mpsCoda {mpsCoda>=158965 && mpsCoda<=219660}



Cycle 5, Diffs

Entries: 3111

Mean: 0.0002 +/- 0.0049

Std Dev: 0.2709 +/- 0.0034

Entries: 4636

Mean: 0.1148 +/- 0.0050

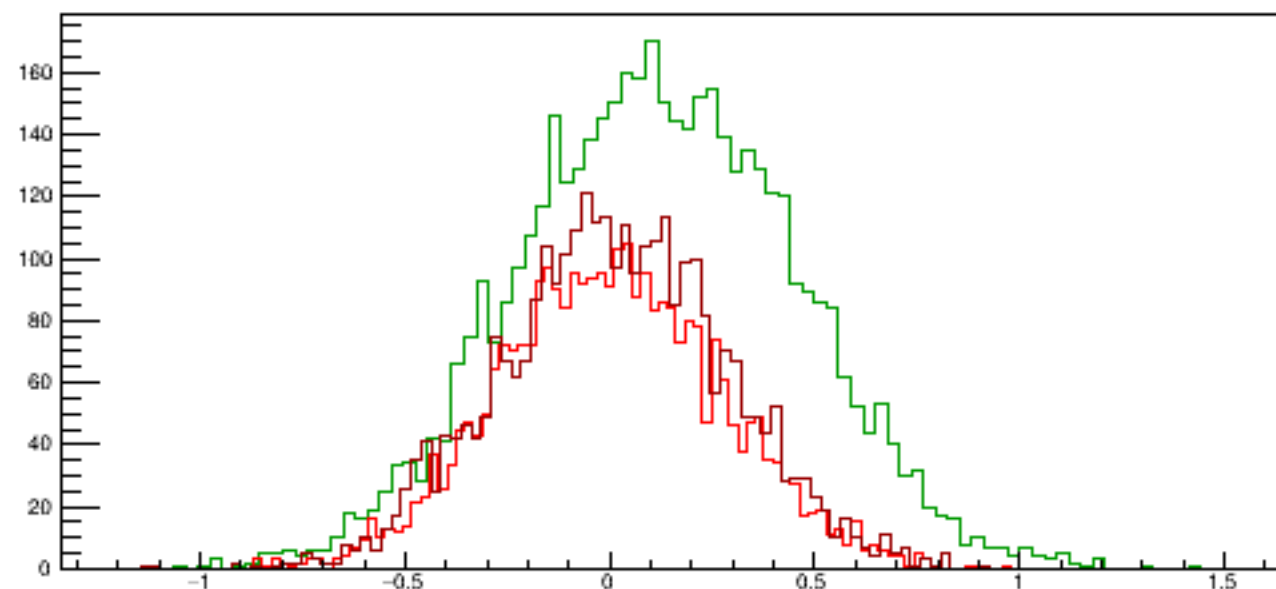
Std Dev: 0.3395 +/- 0.0035

Entries: 3130

Mean: 0.0092 +/- 0.0049

Std Dev: 0.2761 +/- 0.0035

Run 4562 quartetwise, Diffs



Cycle 5, Sums

Entries: 3111

Mean: 15.4647 +/- 0.0132

Std Dev: 0.7338 +/- 0.0093

Entries: 4636

Mean: 23.5404 +/- 0.0084

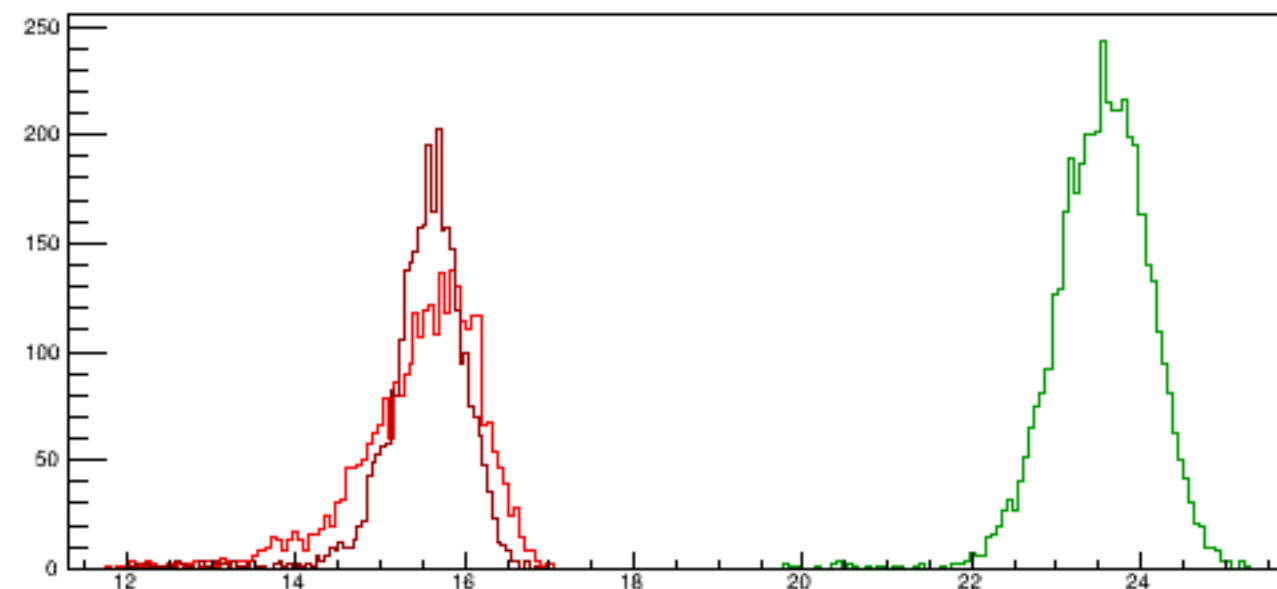
Std Dev: 0.5716 +/- 0.0059

Entries: 3130

Mean: 15.5318 +/- 0.0091

Std Dev: 0.5117 +/- 0.0065

Run 4562 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=194589 && mpsCoda<=282084 && beamState==1)

Cycle 5, Asyms

Entries: 3111

Mean: 0.0000 +/- 0.0006

Std Dev: 0.0337 +/- 0.0004

Entries: 4636

Mean: 0.0144 +/- 0.0006

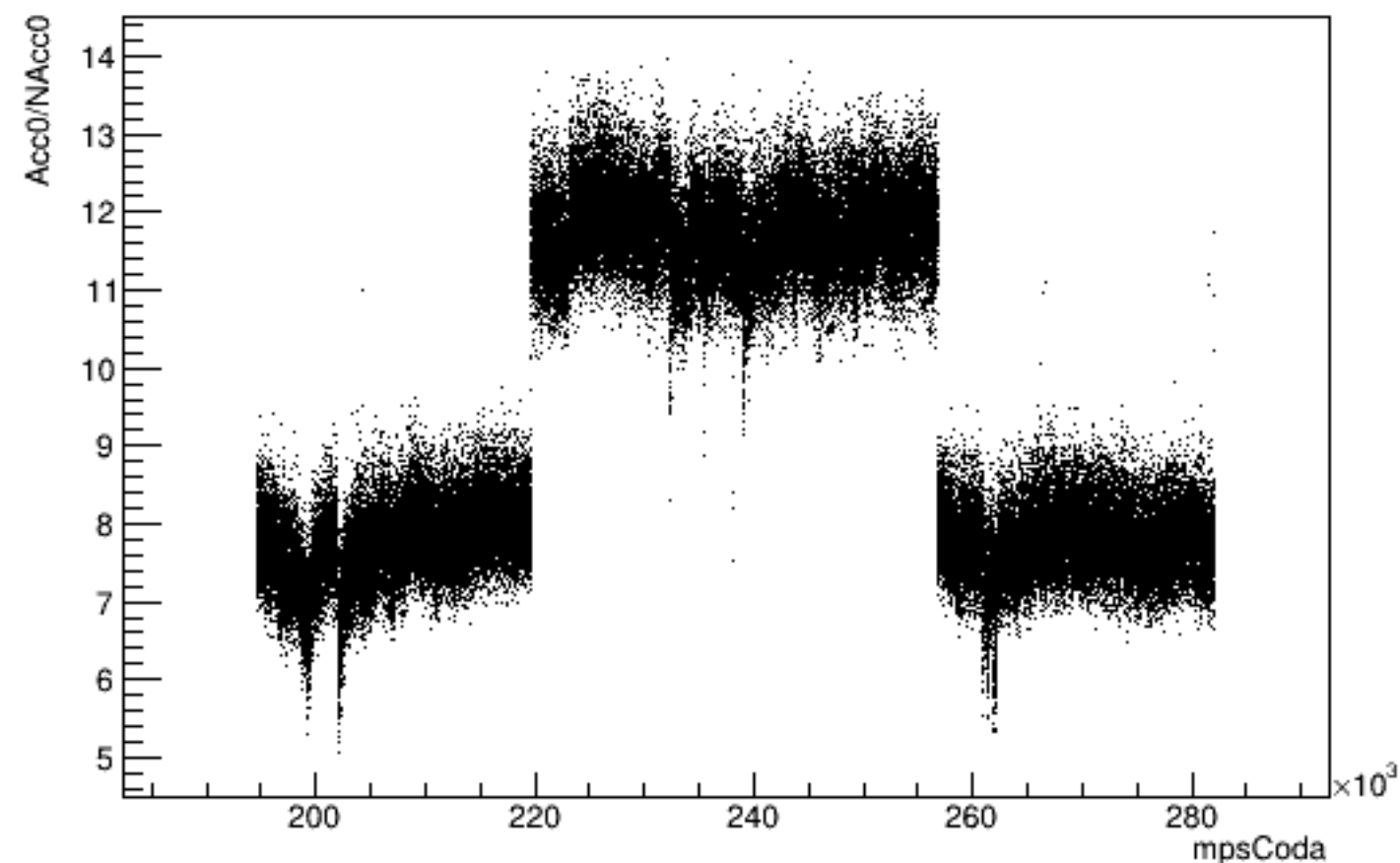
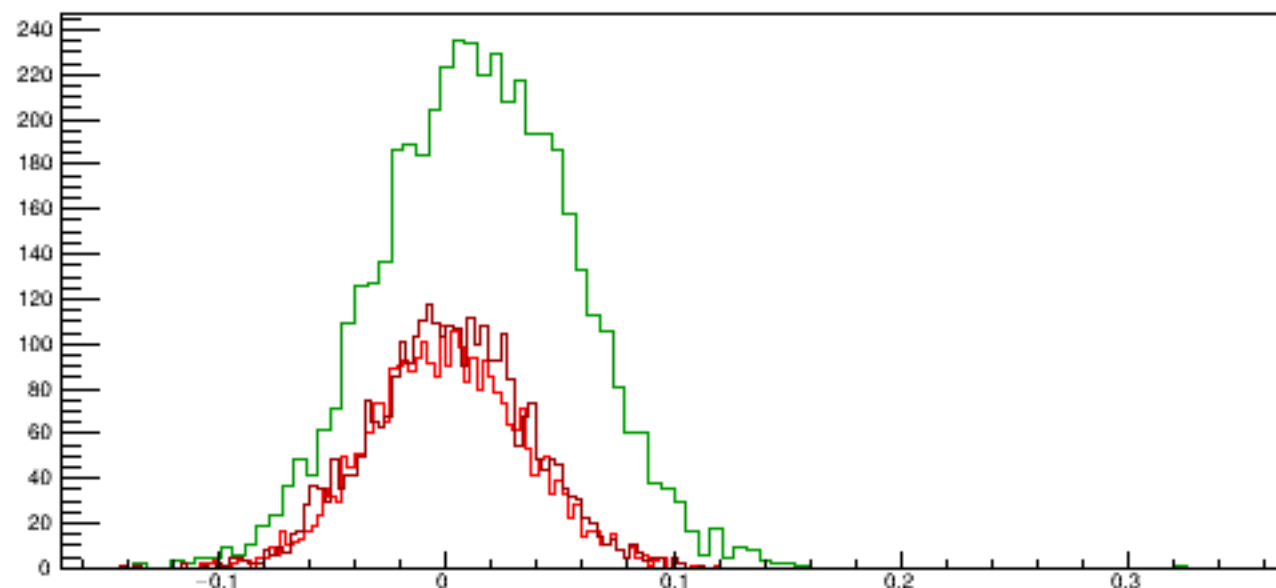
Std Dev: 0.0427 +/- 0.0004

Entries: 3130

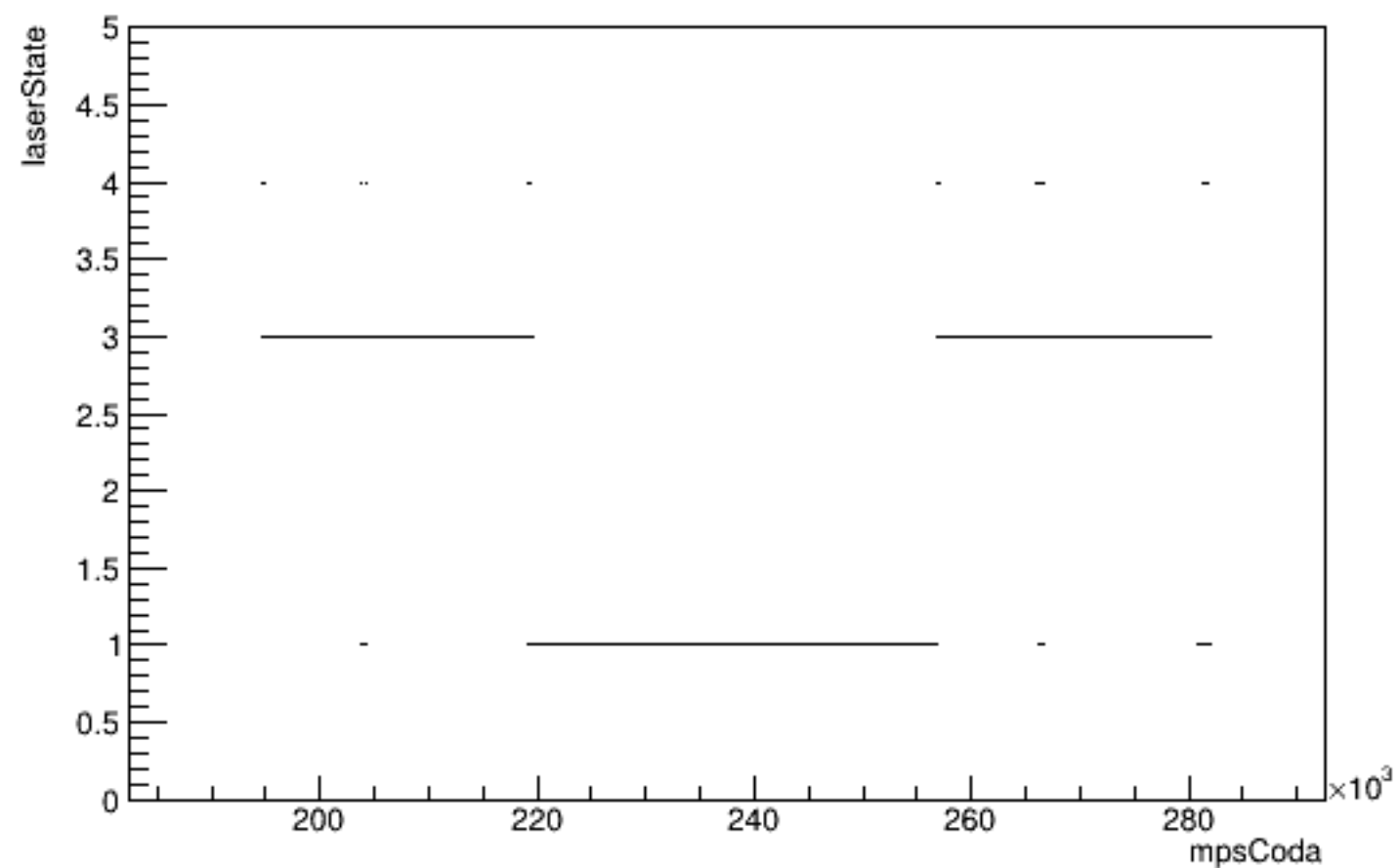
Mean: 0.0011 +/- 0.0006

Std Dev: 0.0343 +/- 0.0004

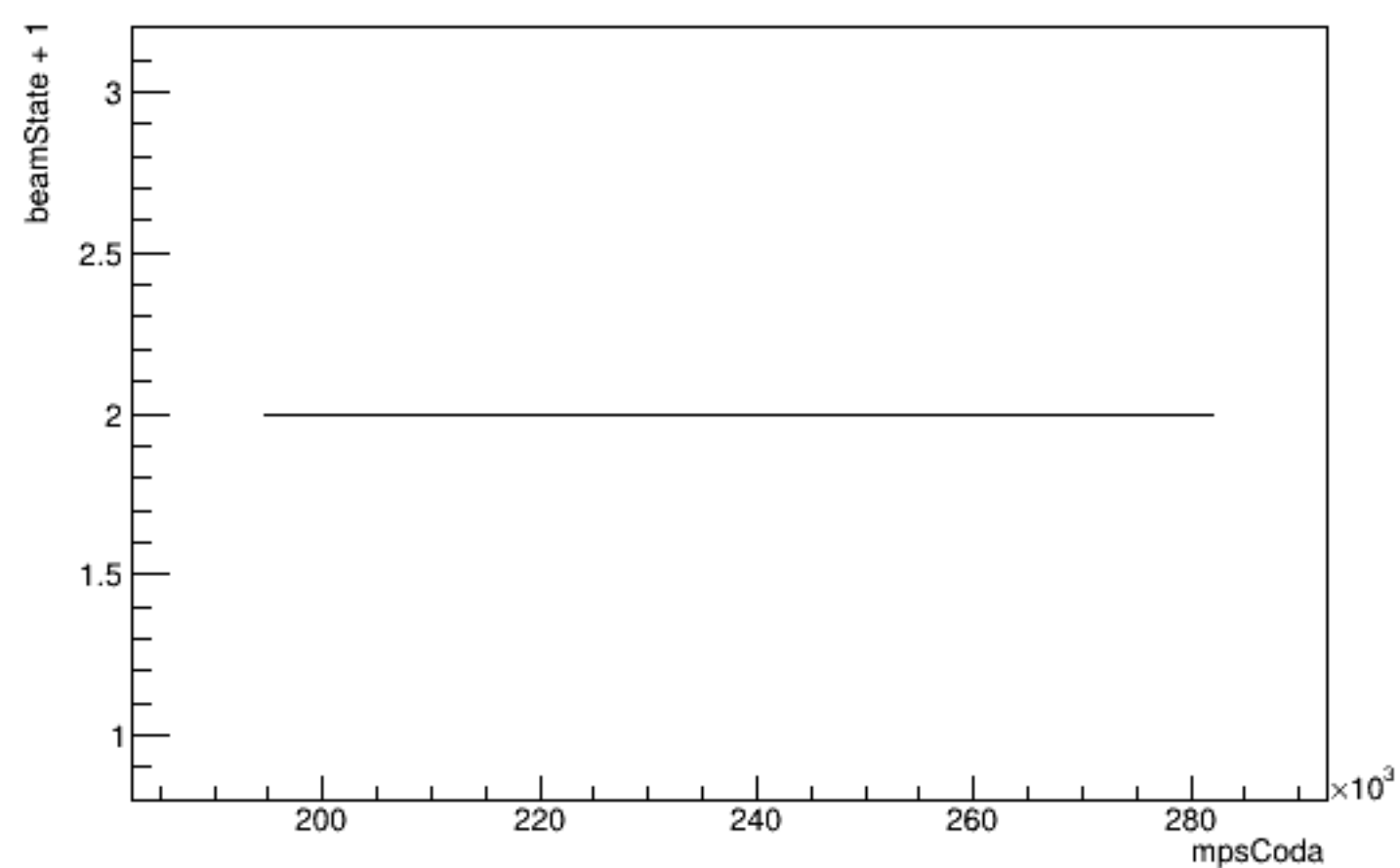
Run 4562 quartetwise, Asyms



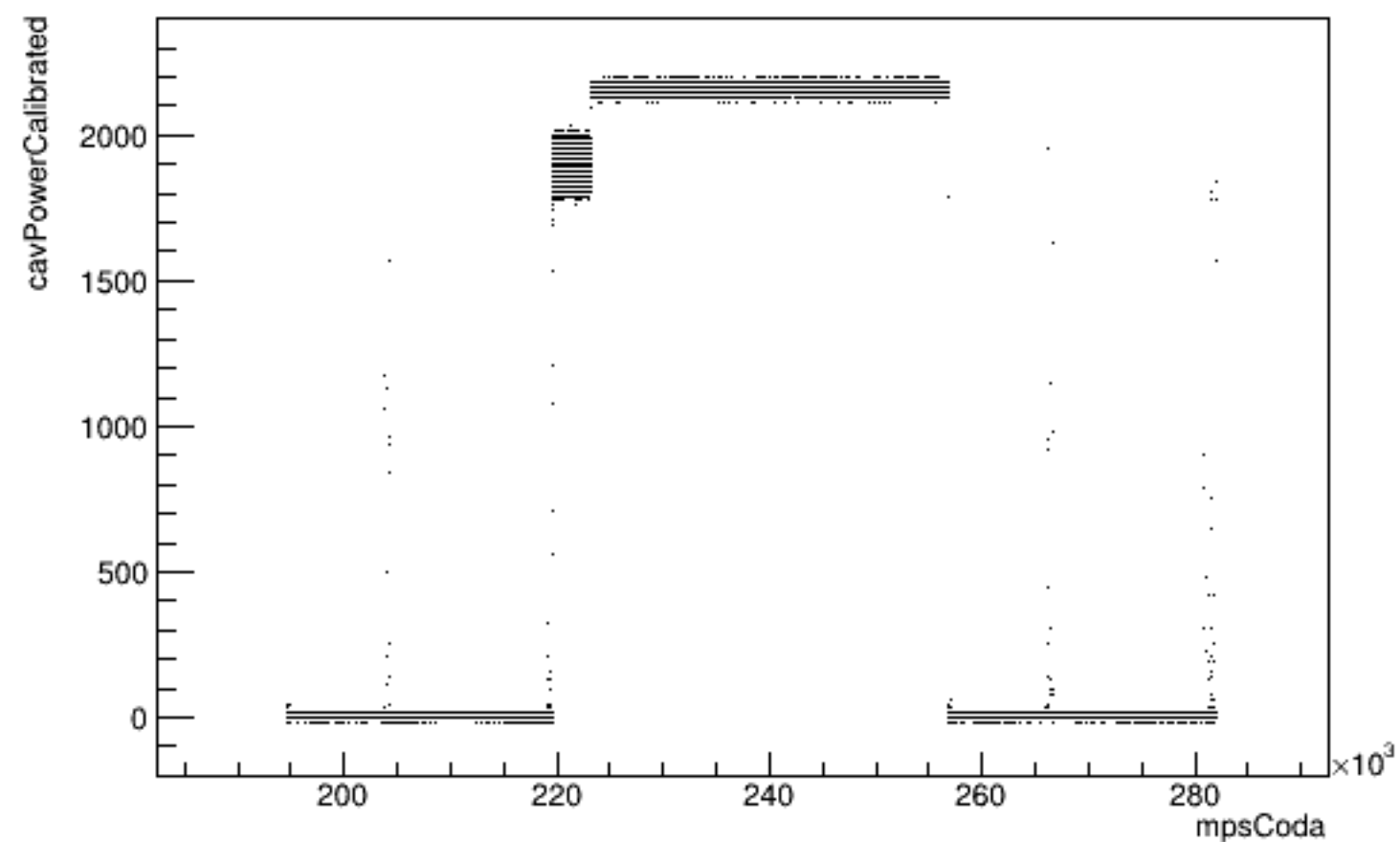
laserState:mpsCoda {mpsCoda>=194589 && mpsCoda<=282084}



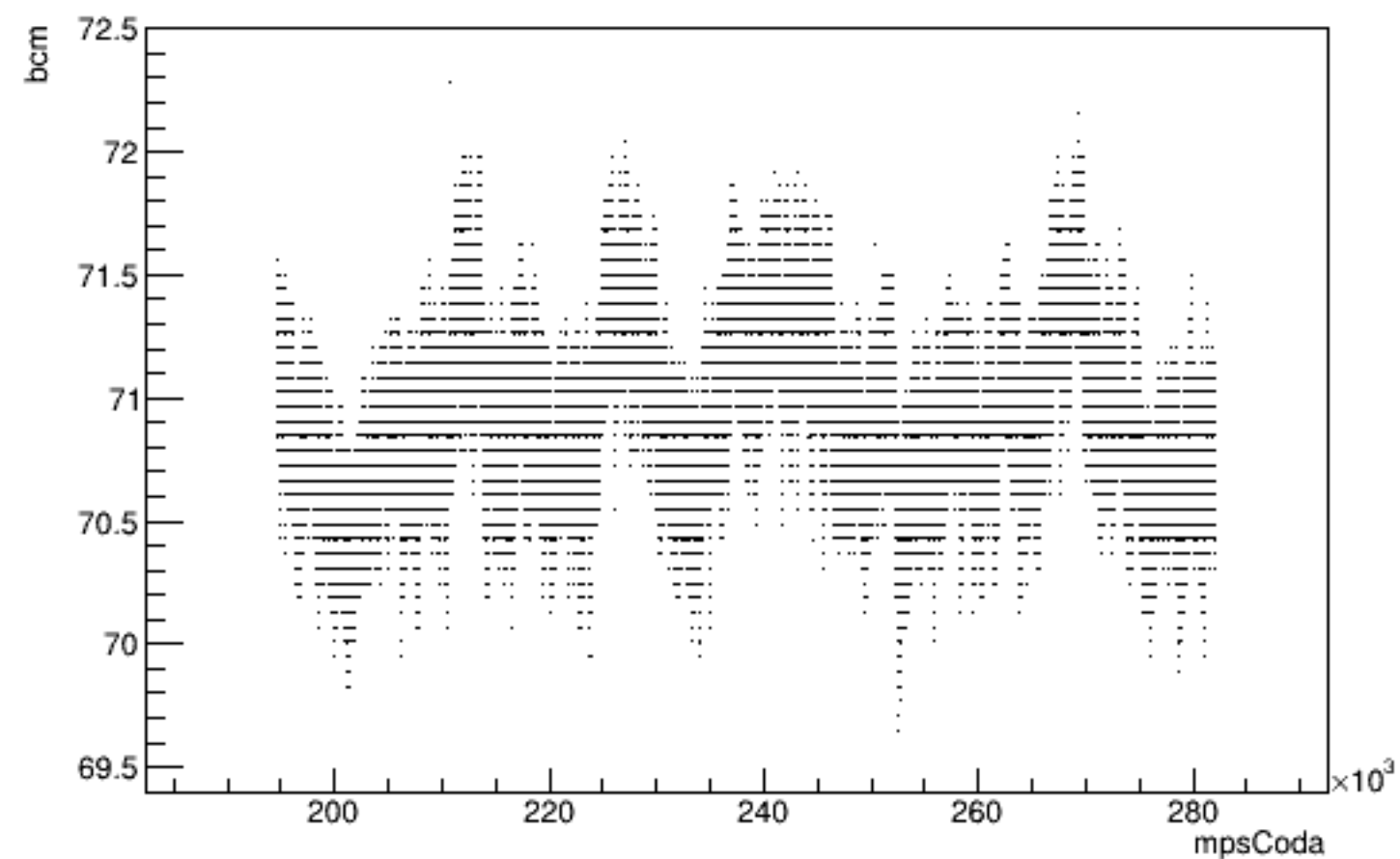
beamState + 1:mpsCoda {mpsCoda>=194589 && mpsCoda<=282084}



cavPowerCalibrated:mpsCoda {mpsCoda>=194589 && mpsCoda<=282084}



bcm:mpsCoda {mpsCoda>=194589 && mpsCoda<=282084}



Cycle 6, Diffs

Entries: 3130

Mean: 0.0092 +/- 0.0049

Std Dev: 0.2761 +/- 0.0035

Entries: 287

Mean: 0.1191 +/- 0.0199

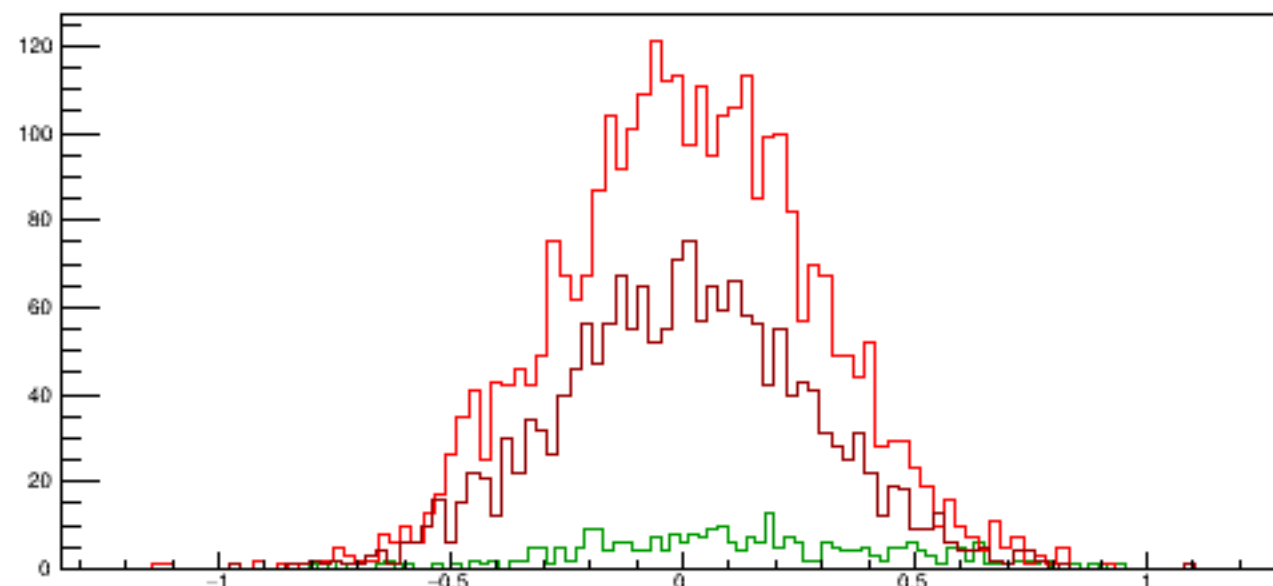
Std Dev: 0.3365 +/- 0.0140

Entries: 1794

Mean: 0.0042 +/- 0.0064

Std Dev: 0.2731 +/- 0.0046

Run 4562 quartetwise, Diffs



Cycle 6, Sums

Entries: 3130

Mean: 15.5318 +/- 0.0091

Std Dev: 0.5117 +/- 0.0065

Entries: 287

Mean: 22.8412 +/- 0.0303

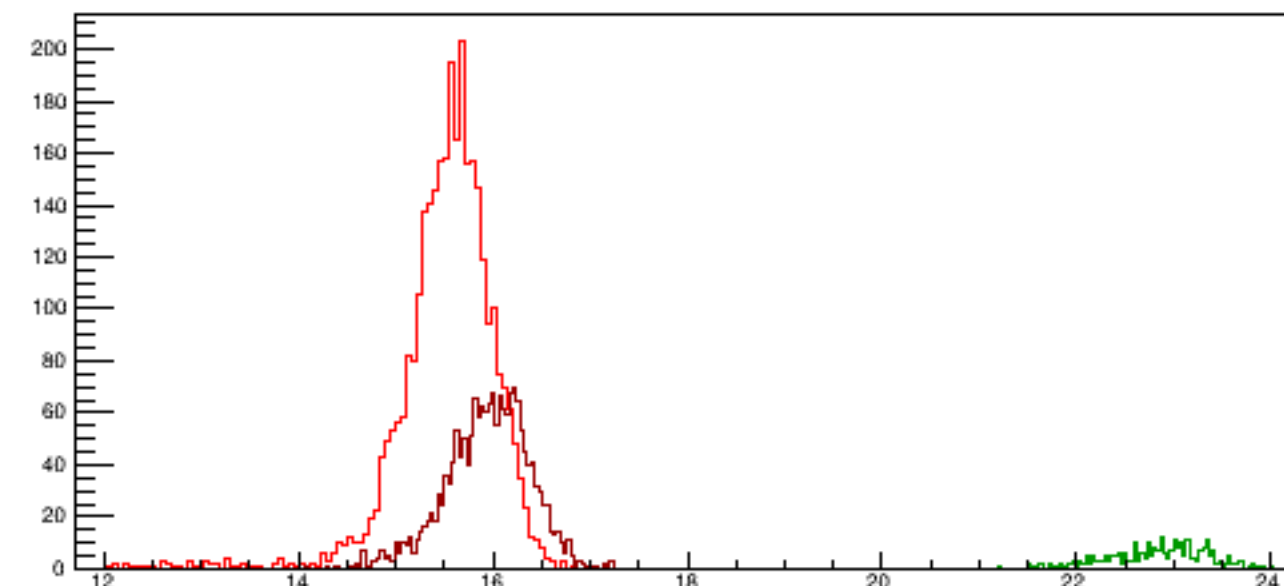
Std Dev: 0.5134 +/- 0.0214

Entries: 1794

Mean: 15.9457 +/- 0.0100

Std Dev: 0.4251 +/- 0.0071

Run 4562 quartetwise, Sums



Cycle 6, Asyms

Entries: 3130

Mean: 0.0013 +/- 0.0007

Std Dev: 0.0389 +/- 0.0005

Entries: 287

Mean: 0.0169 +/- 0.0028

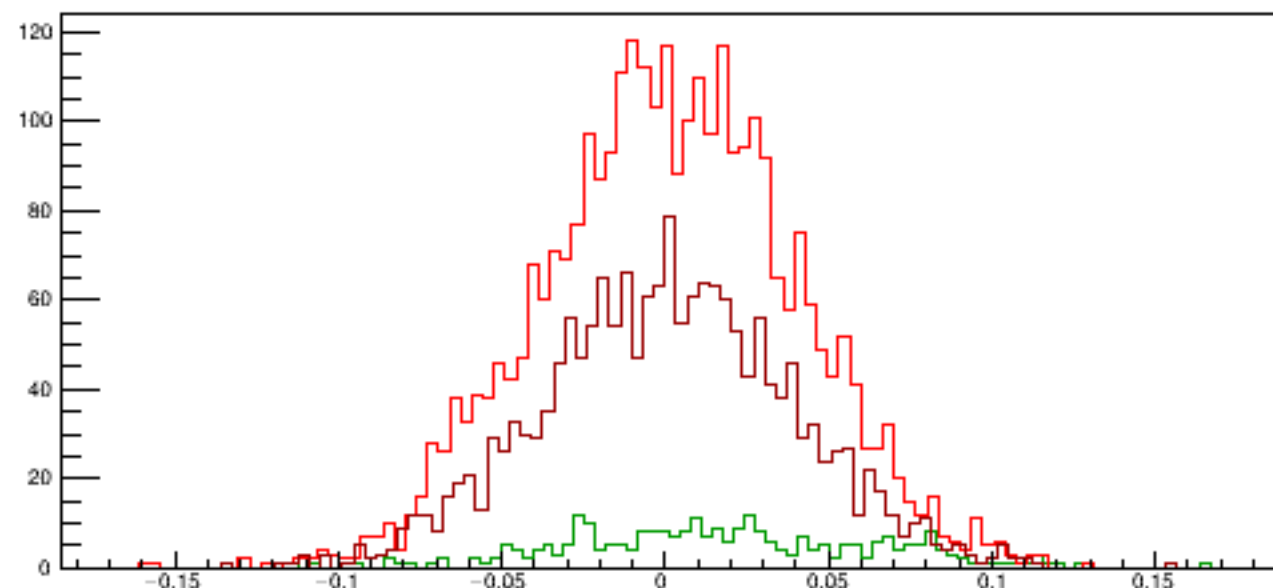
Std Dev: 0.0478 +/- 0.0020

Entries: 1794

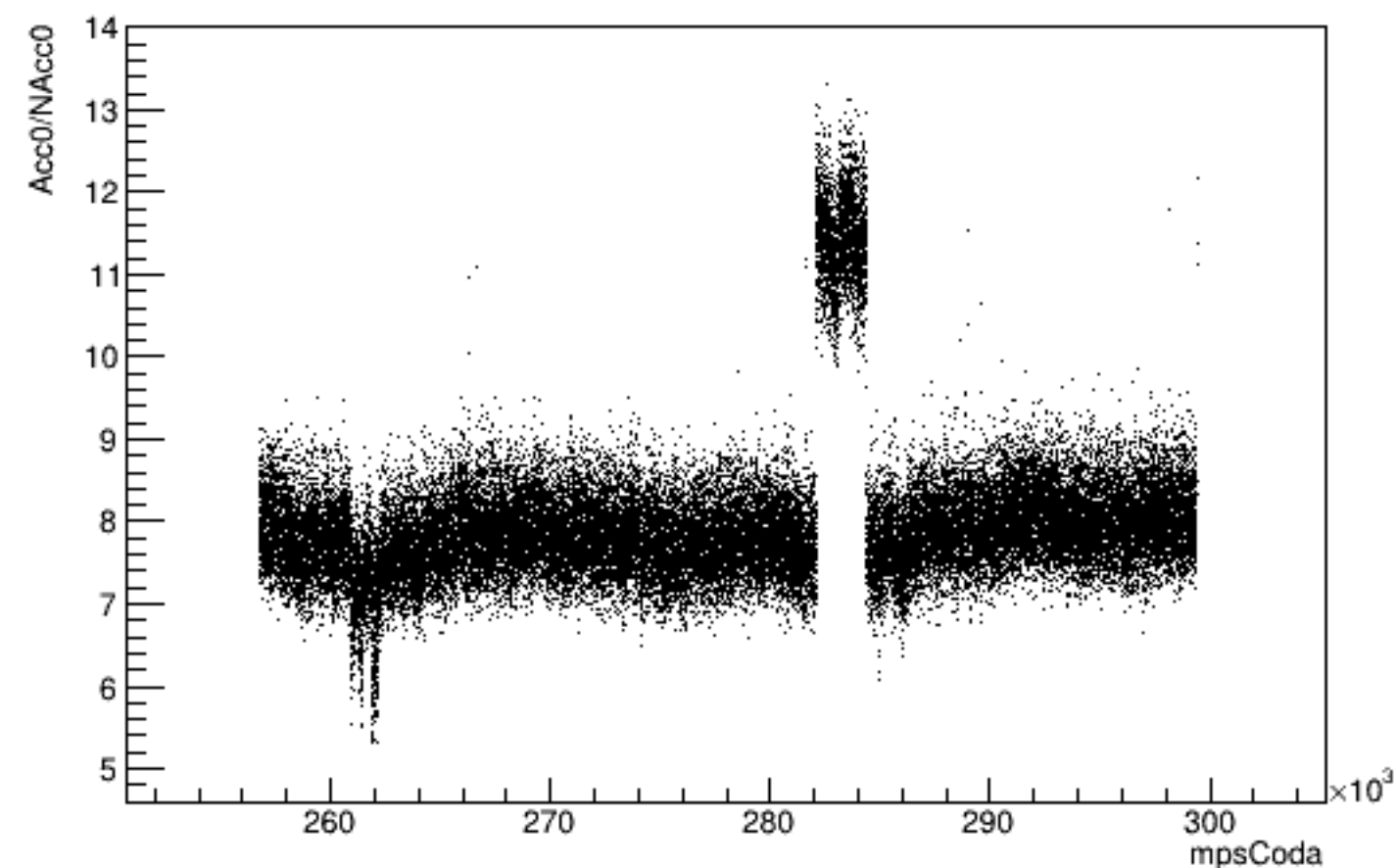
Mean: 0.0006 +/- 0.0009

Std Dev: 0.0385 +/- 0.0006

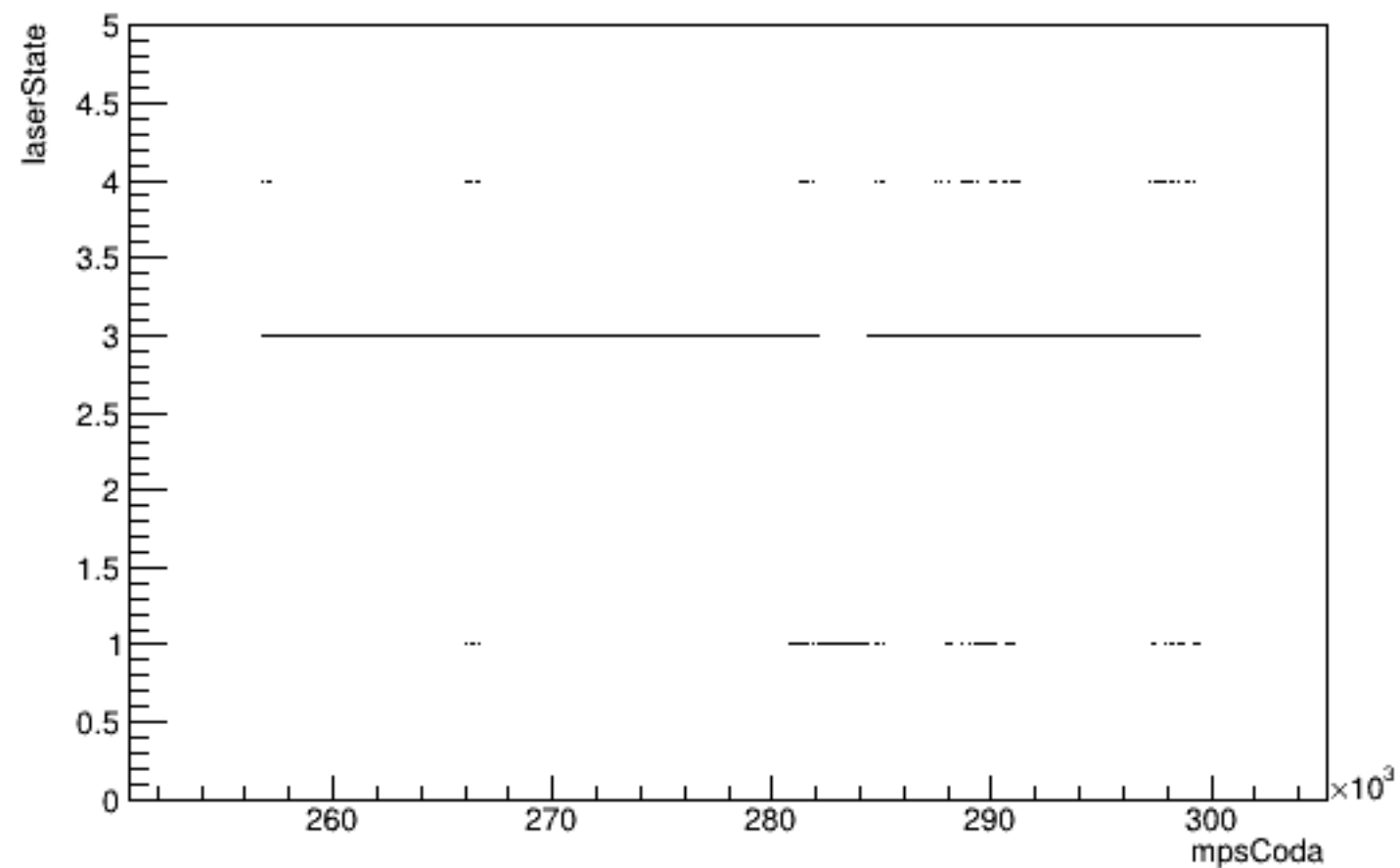
Run 4562 quartetwise, Asyms



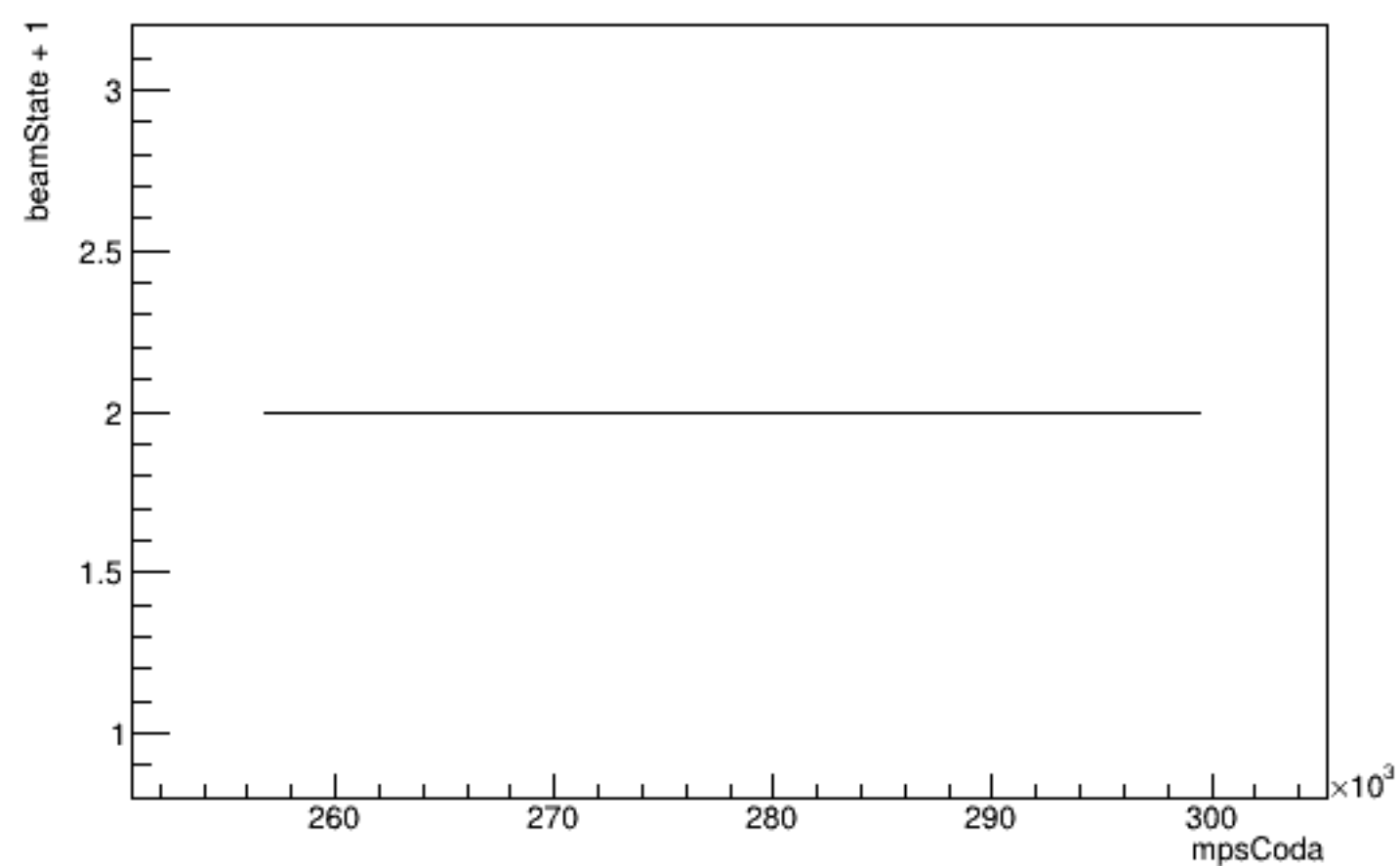
Acc0/NAcc0:mpsCoda (mpsCoda>=256757 && mpsCoda<=299404 && beamState==1)



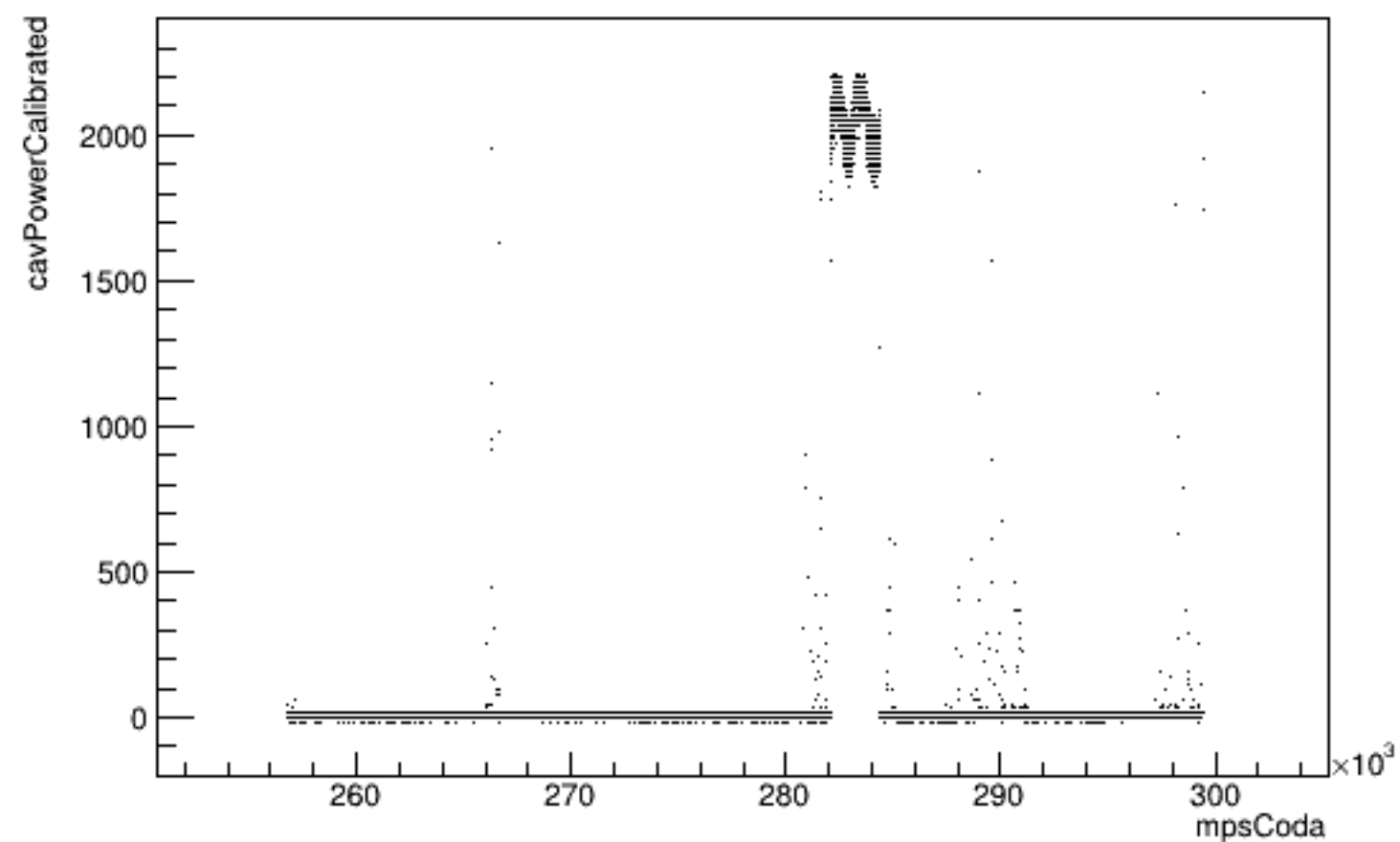
laserState:mpsCoda {mpsCoda>=256757 && mpsCoda<=299404}



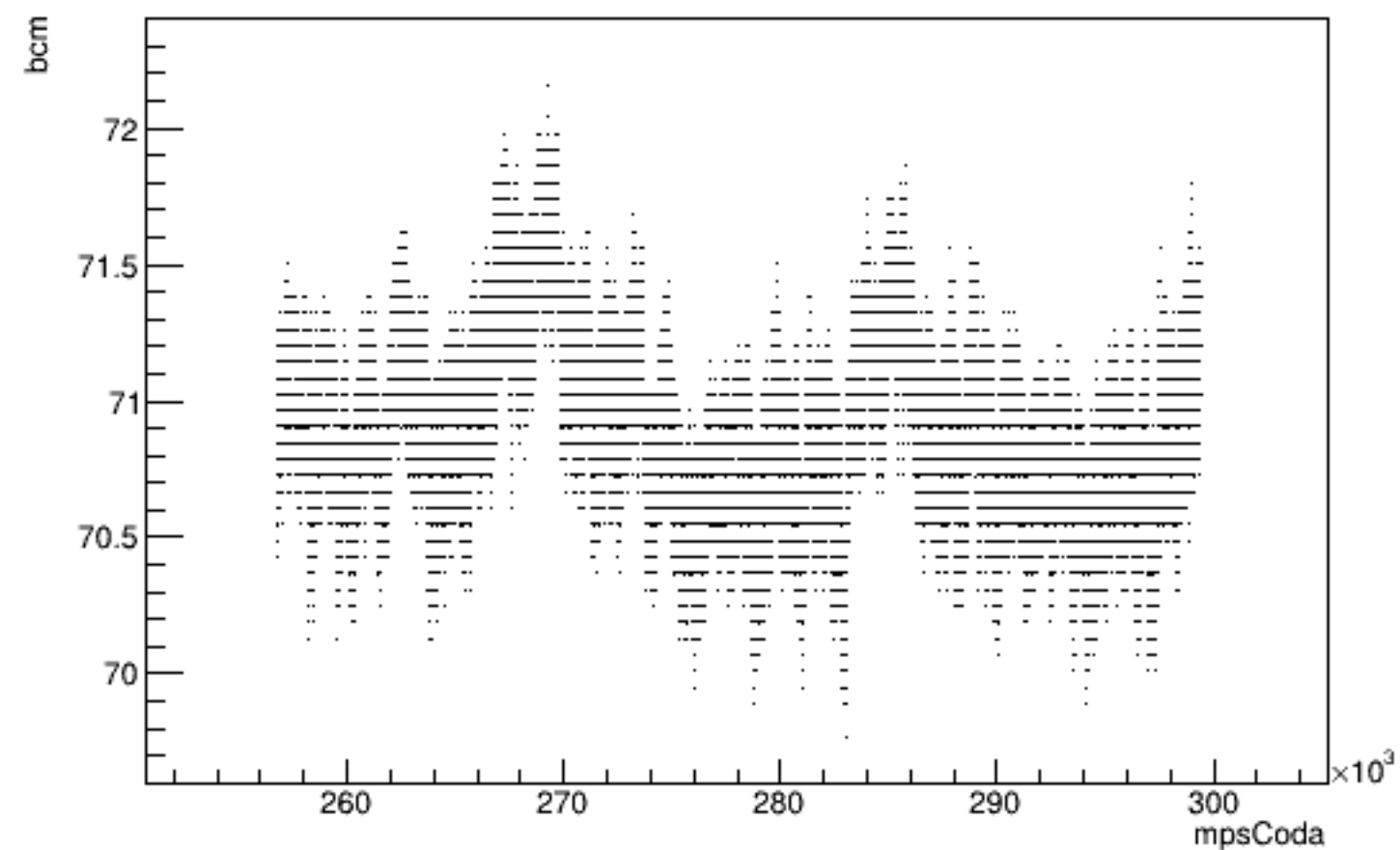
beamState + 1:mpsCoda {mpsCoda>=256757 && mpsCoda<=299404}



cavPowerCalibrated:mpsCoda {mpsCoda>=256757 && mpsCoda<=299404}



bcm:mpsCoda {mpsCoda>=256757 && mpsCoda<=299404}



Cycle 7, Diffs

Entries: 1794

Mean: 0.0042 +/- 0.0064

Std Dev: 0.2731 +/- 0.0046

Entries: 2498

Mean: 0.1221 +/- 0.0068

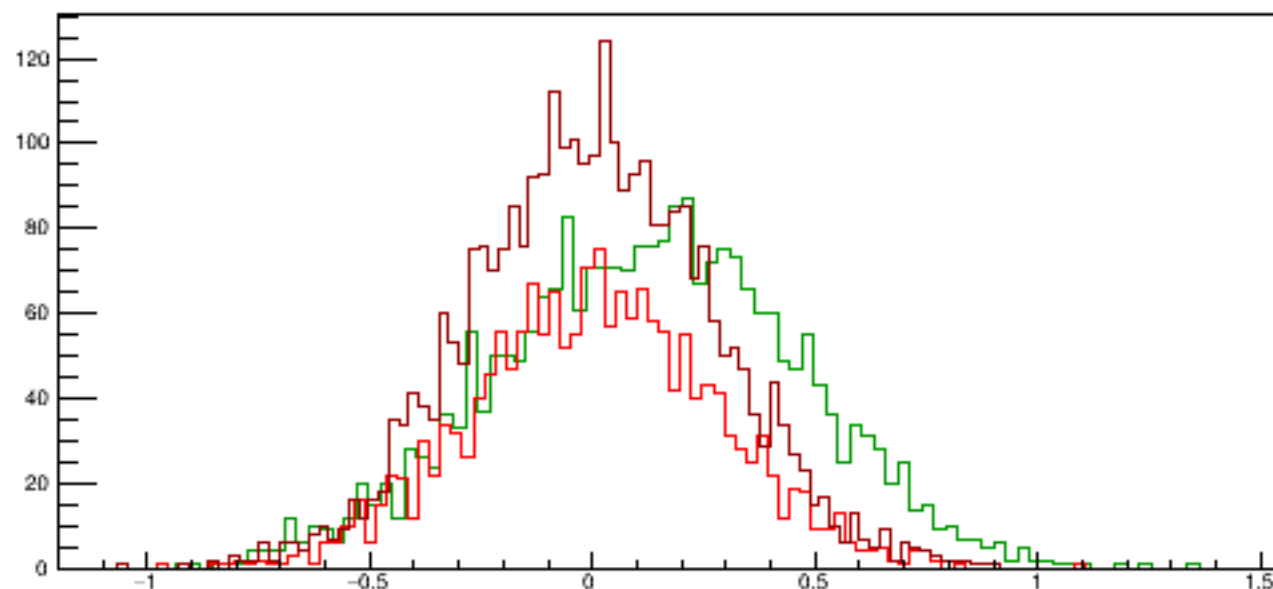
Std Dev: 0.3385 +/- 0.0048

Entries: 3109

Mean: -0.0006 +/- 0.0049

Std Dev: 0.2746 +/- 0.0035

Run 4562 quartetwise, Diffs



Cycle 7, Sums

Entries: 1794

Mean: 15.9457 +/- 0.0100

Std Dev: 0.4251 +/- 0.0071

Entries: 2498

Mean: 24.1284 +/- 0.0088

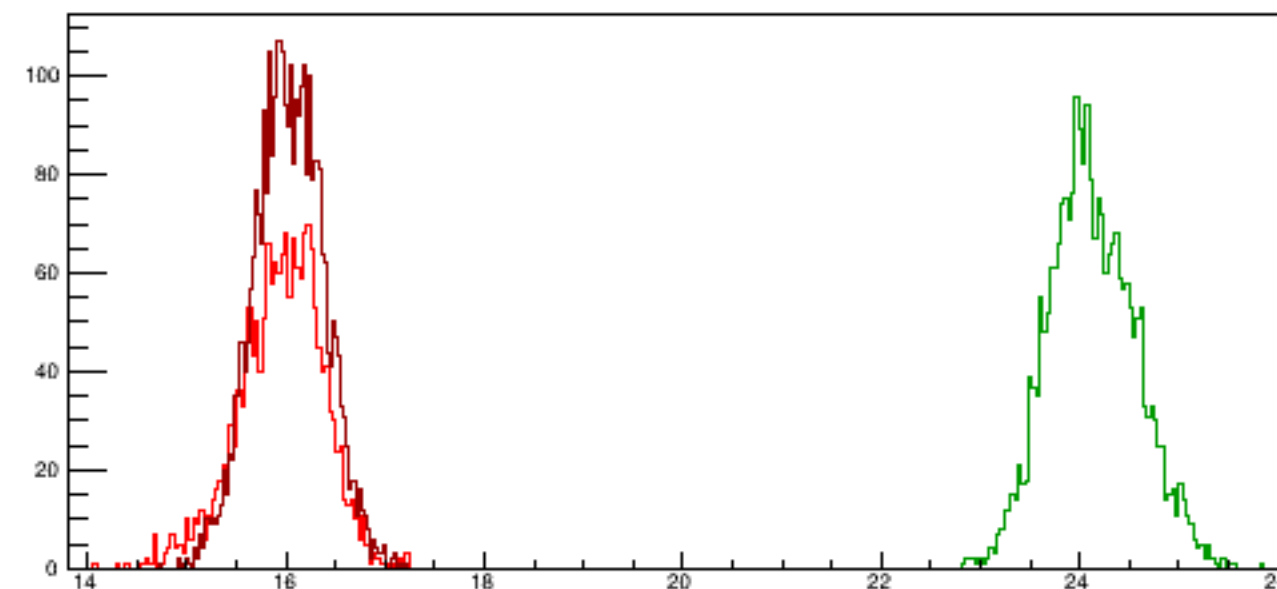
Std Dev: 0.4384 +/- 0.0062

Entries: 3109

Mean: 16.0319 +/- 0.0063

Std Dev: 0.3502 +/- 0.0044

Run 4562 quartetwise, Sums



Cycle 7, Asyms

Entries: 1794

Mean: 0.0005 +/- 0.0008

Std Dev: 0.0336 +/- 0.0006

Entries: 2498

Mean: 0.0149 +/- 0.0008

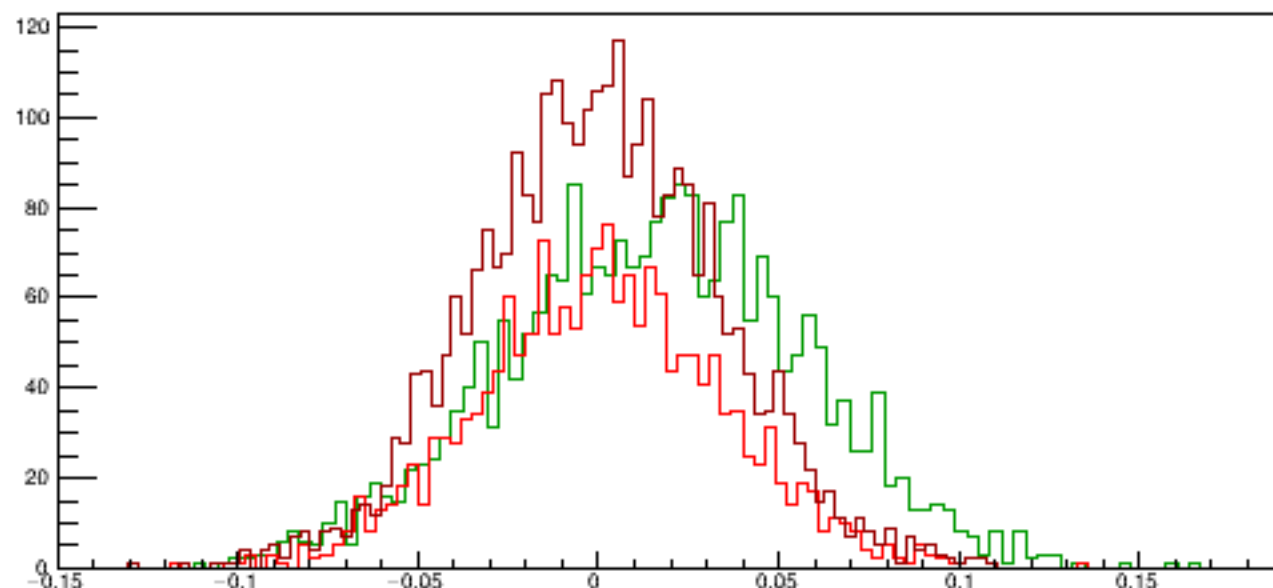
Std Dev: 0.0417 +/- 0.0006

Entries: 3109

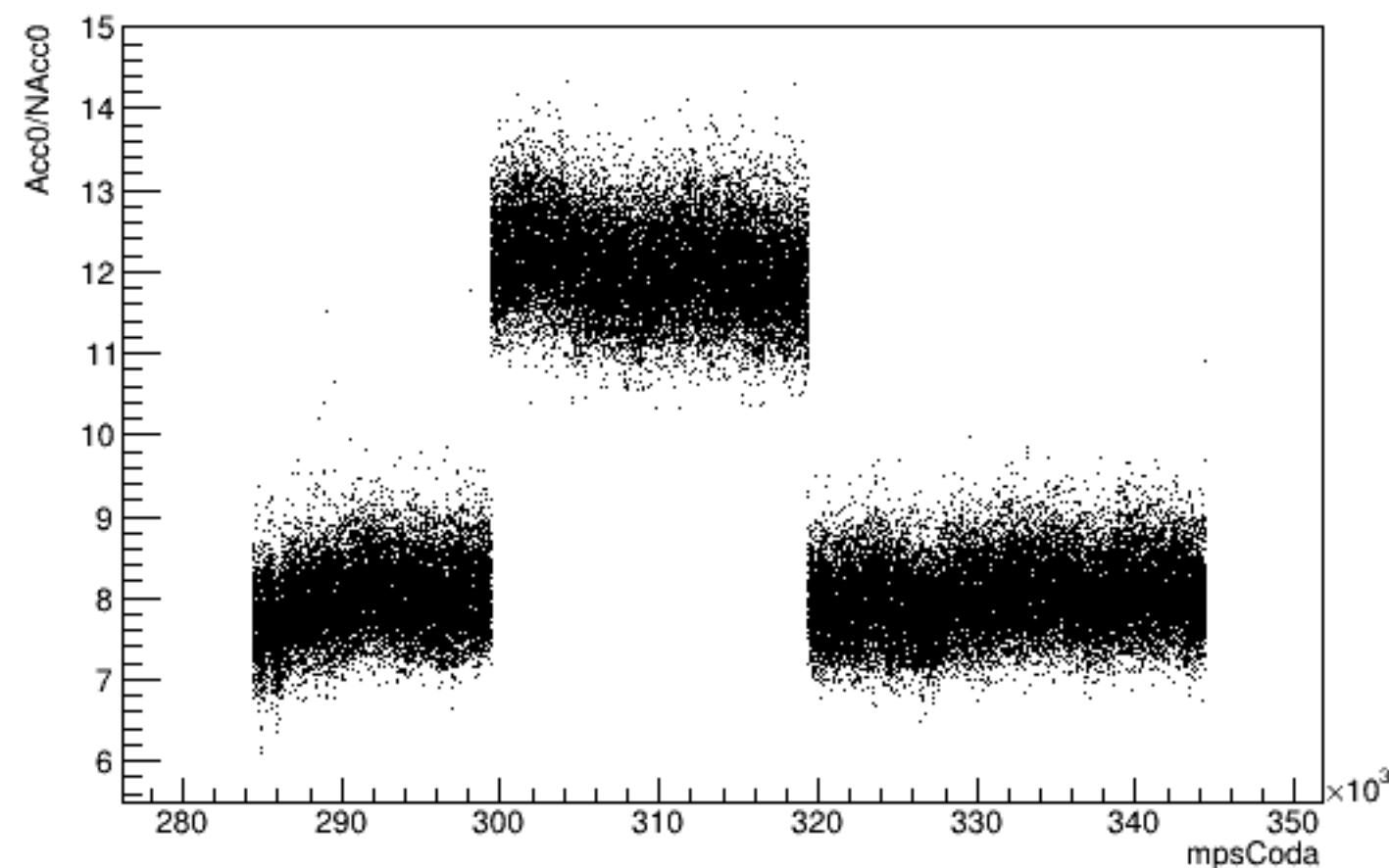
Mean: -0.0001 +/- 0.0006

Std Dev: 0.0337 +/- 0.0004

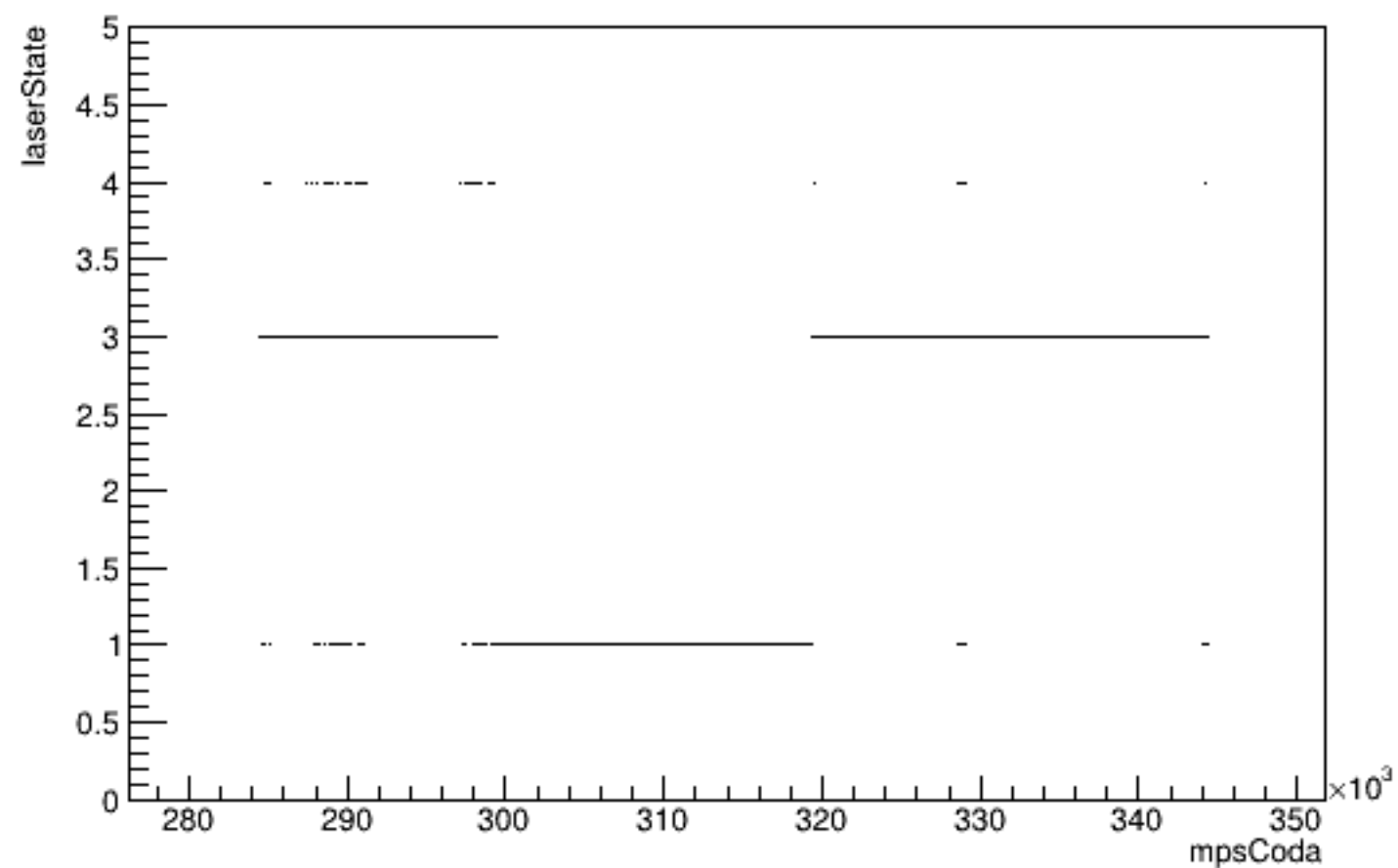
Run 4562 quartetwise, Asyms



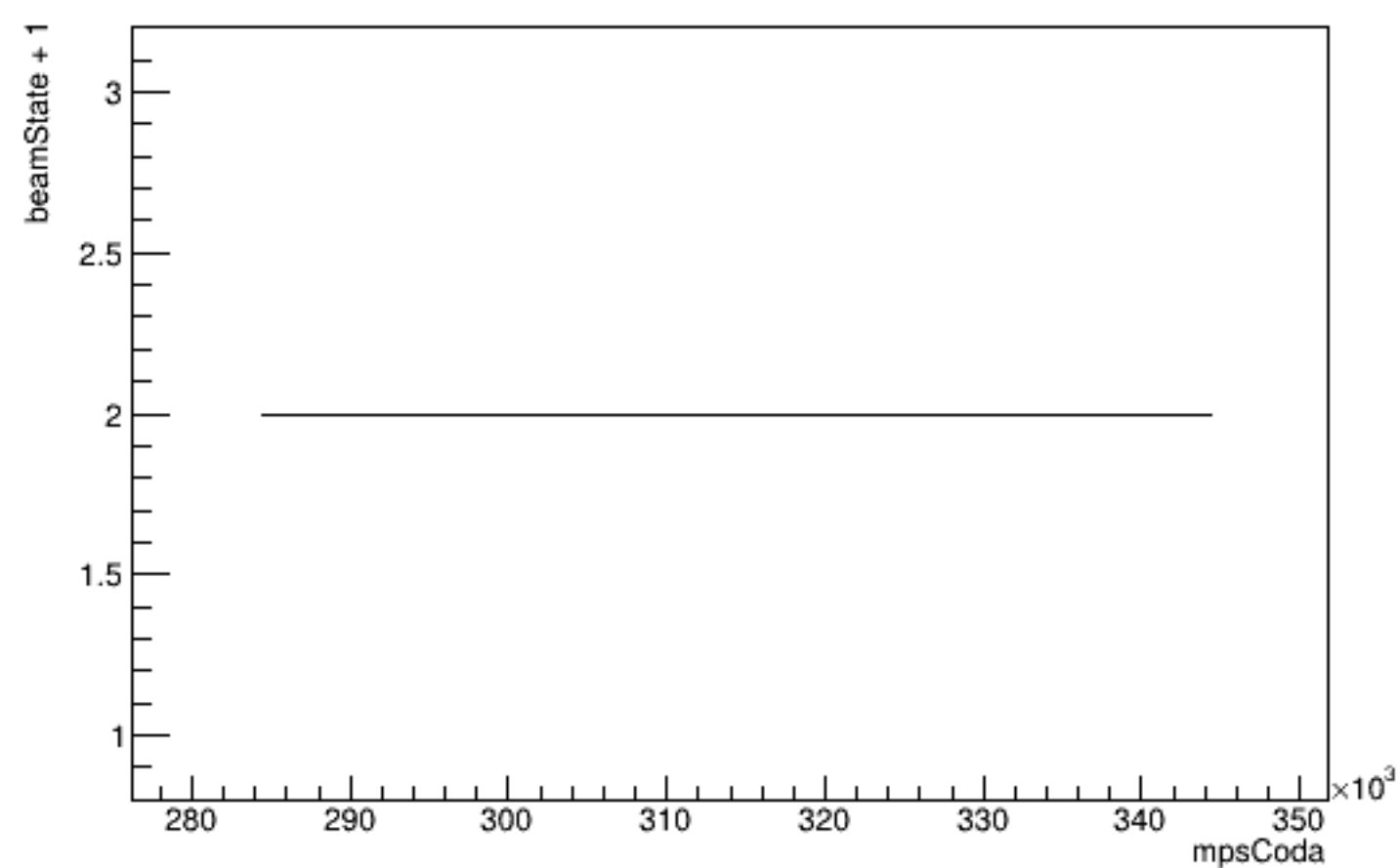
Acc0/NAcc0:mpsCoda (mpsCoda>=284389 && mpsCoda<=344388 && beamState==1)



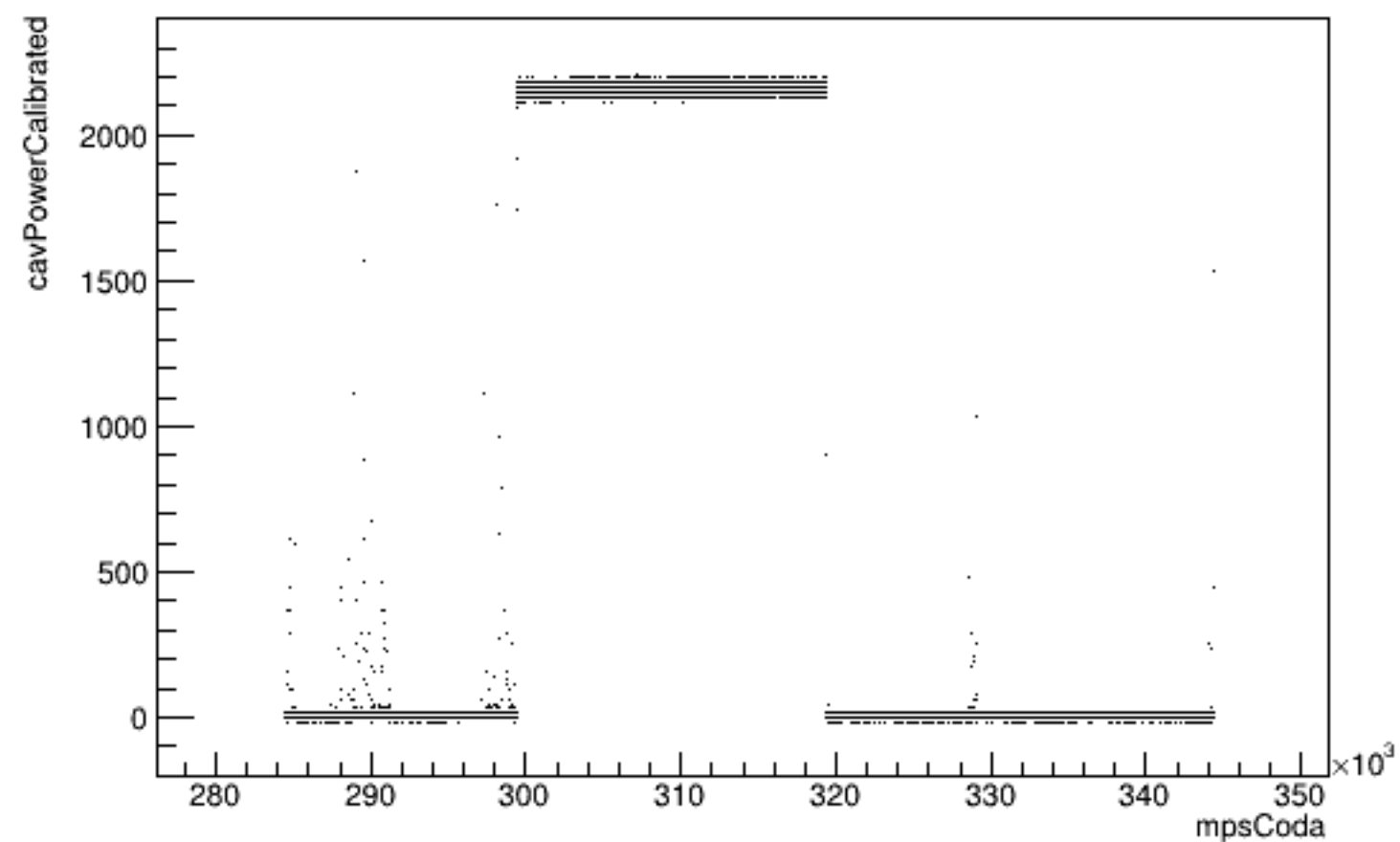
laserState:mpsCoda {mpsCoda>=284389 && mpsCoda<=344388}



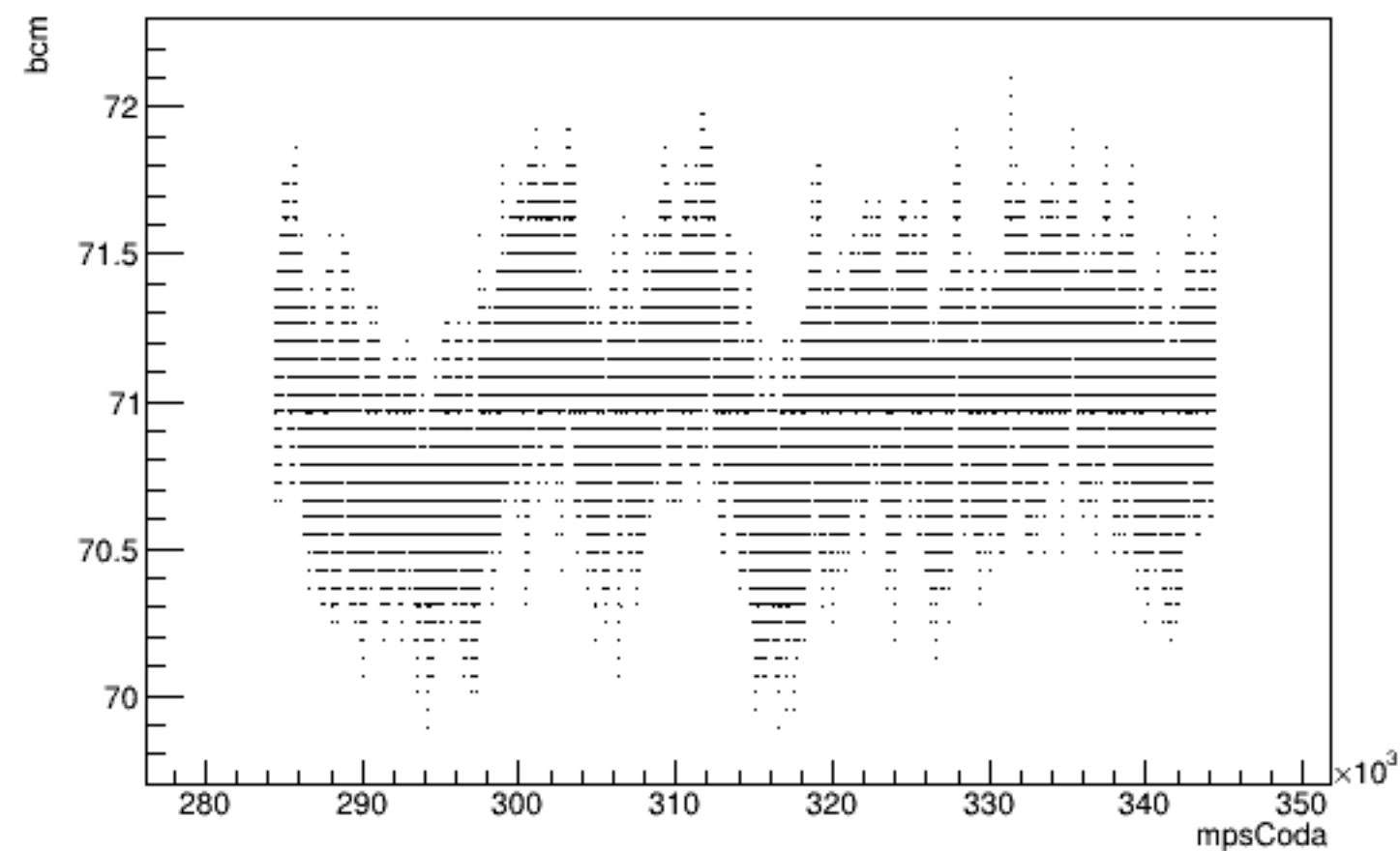
beamState + 1:mpsCoda {mpsCoda>=284389 && mpsCoda<=344388}



cavPowerCalibrated:mpsCoda {mpsCoda>=284389 && mpsCoda<=344388}



bcm:mpsCoda {mpsCoda>=284389 && mpsCoda<=344388}



Cycle 8, Diffs

Entries: 3109

Mean: -0.0006 +/- 0.0049

Std Dev: 0.2746 +/- 0.0035

Entries: 4373

Mean: 0.1207 +/- 0.0051

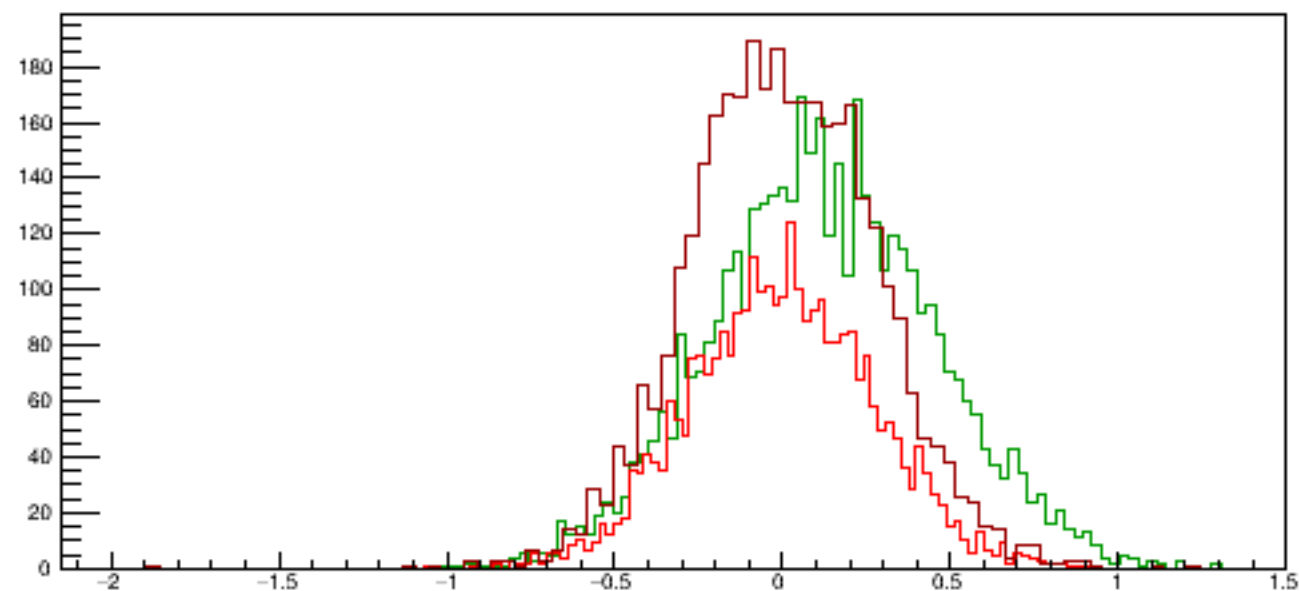
Std Dev: 0.3344 +/- 0.0036

Entries: 3544

Mean: 0.0014 +/- 0.0047

Std Dev: 0.2781 +/- 0.0033

Run 4562 quartetwise, Diffs



Cycle 8, Sums

Entries: 3109

Mean: 16.0319 +/- 0.0063

Std Dev: 0.3502 +/- 0.0044

Entries: 4373

Mean: 23.3743 +/- 0.0149

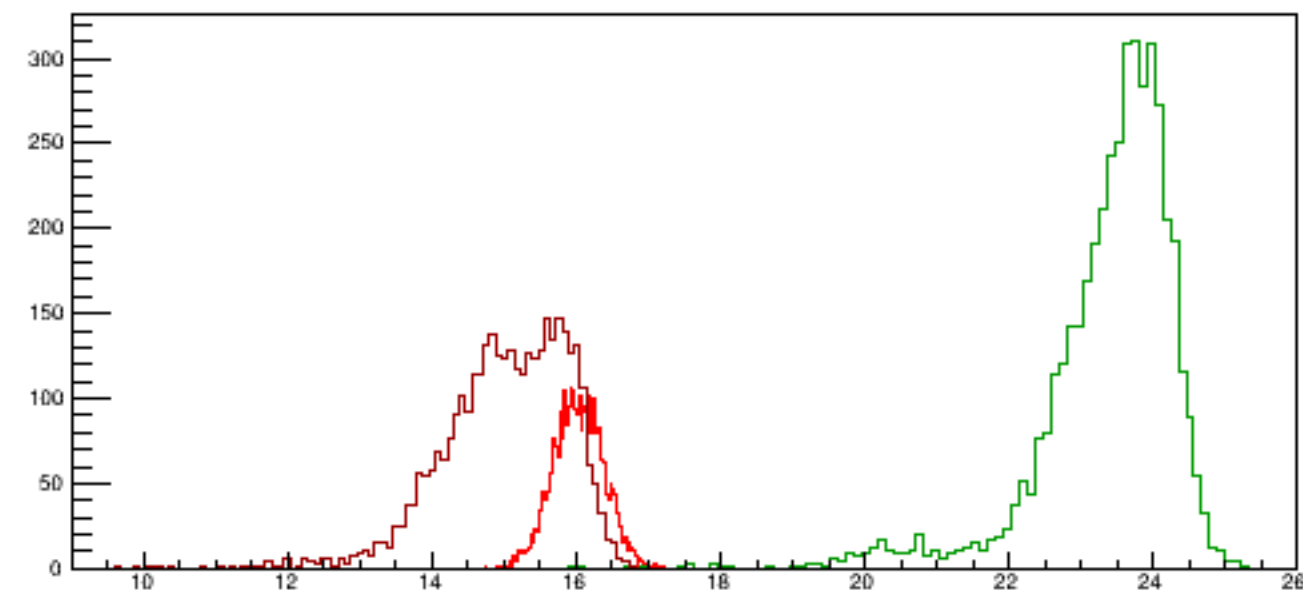
Std Dev: 0.9832 +/- 0.0105

Entries: 3544

Mean: 15.0134 +/- 0.0148

Std Dev: 0.8799 +/- 0.0105

Run 4562 quartetwise, Sums



Cycle 8, Asyms

Entries: 3109

Mean: -0.0001 +/- 0.0006

Std Dev: 0.0350 +/- 0.0004

Entries: 4373

Mean: 0.0153 +/- 0.0009

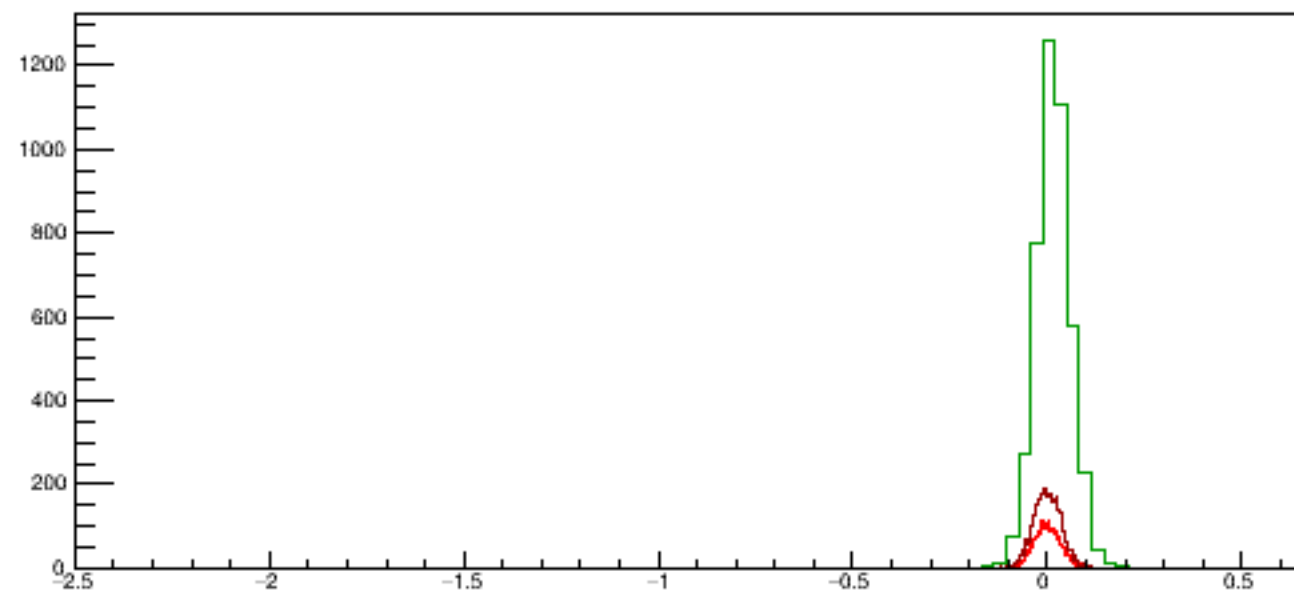
Std Dev: 0.0569 +/- 0.0006

Entries: 3544

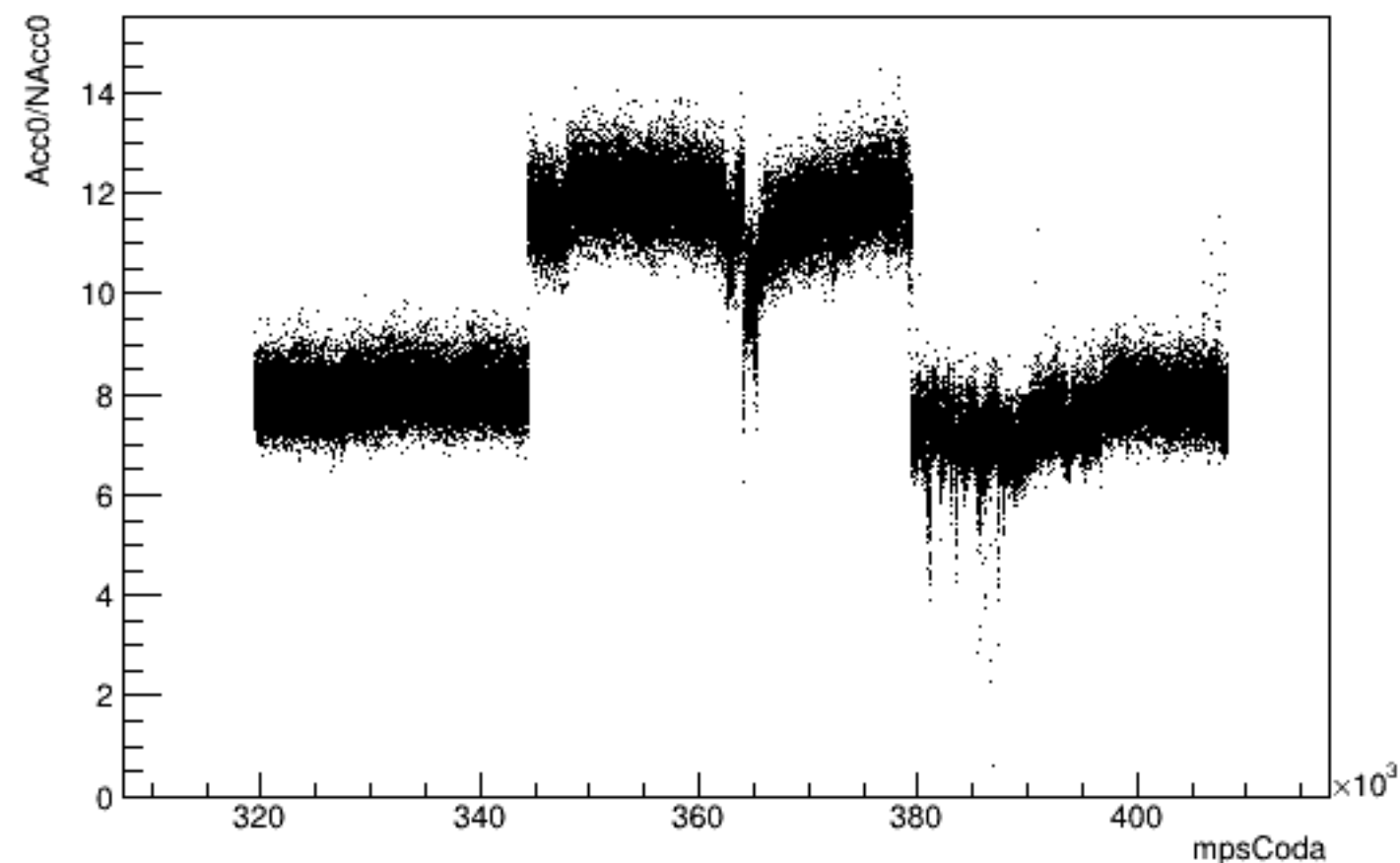
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0354 +/- 0.0004

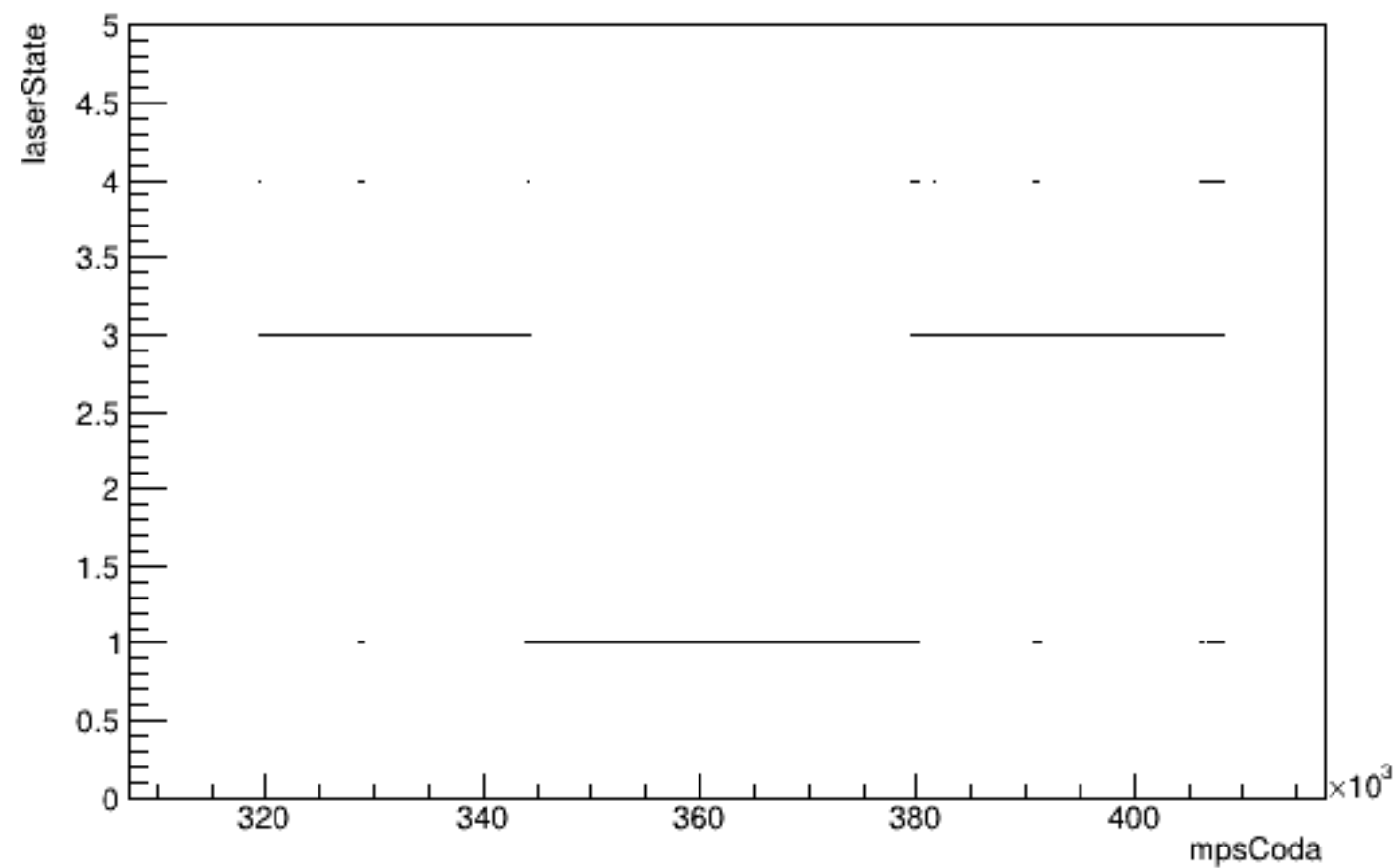
Run 4562 quartetwise, Asyms



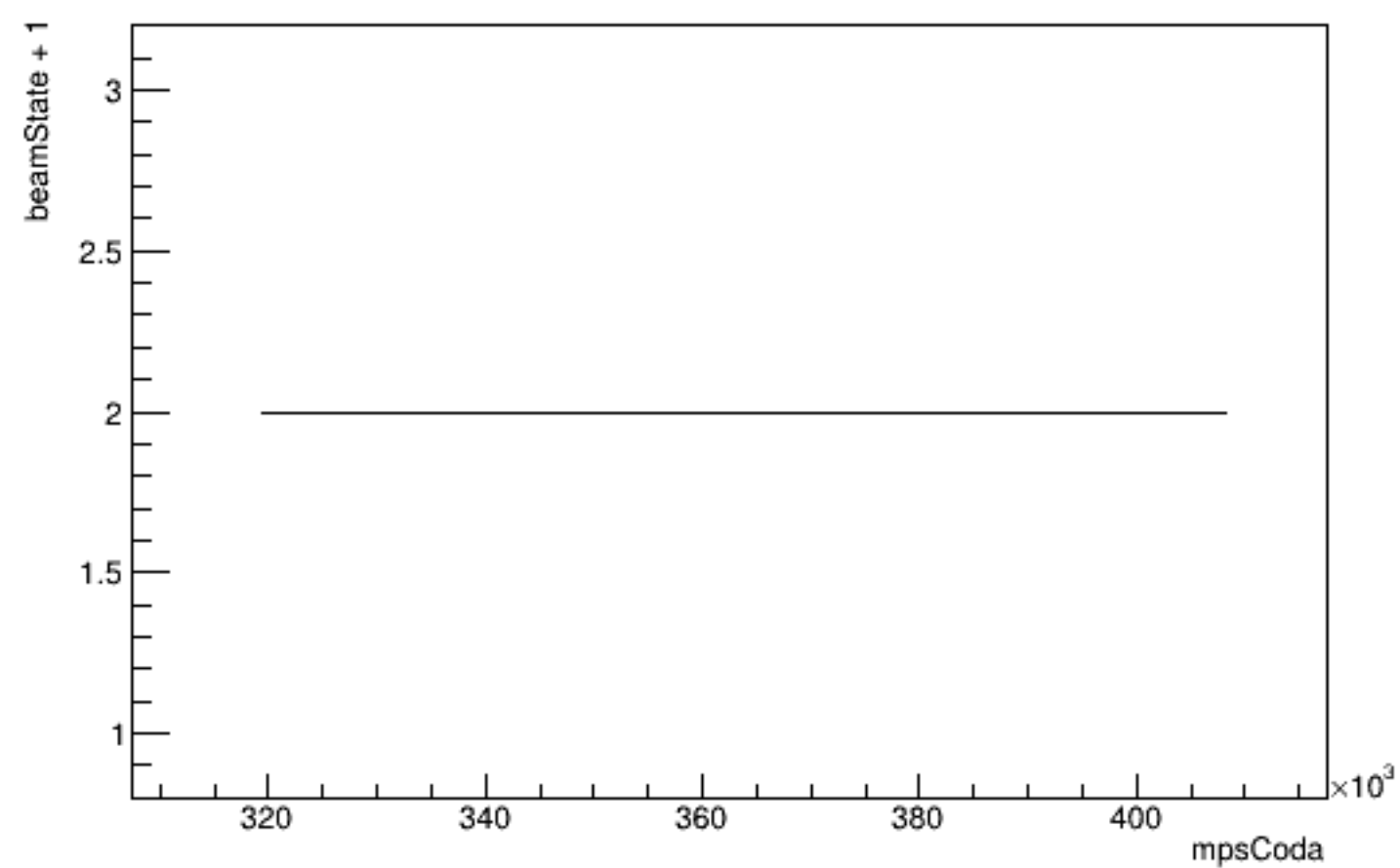
Acc0/NAcc0:mpsCoda (mpsCoda>=319397 && mpsCoda<=408300 && beamState==1)



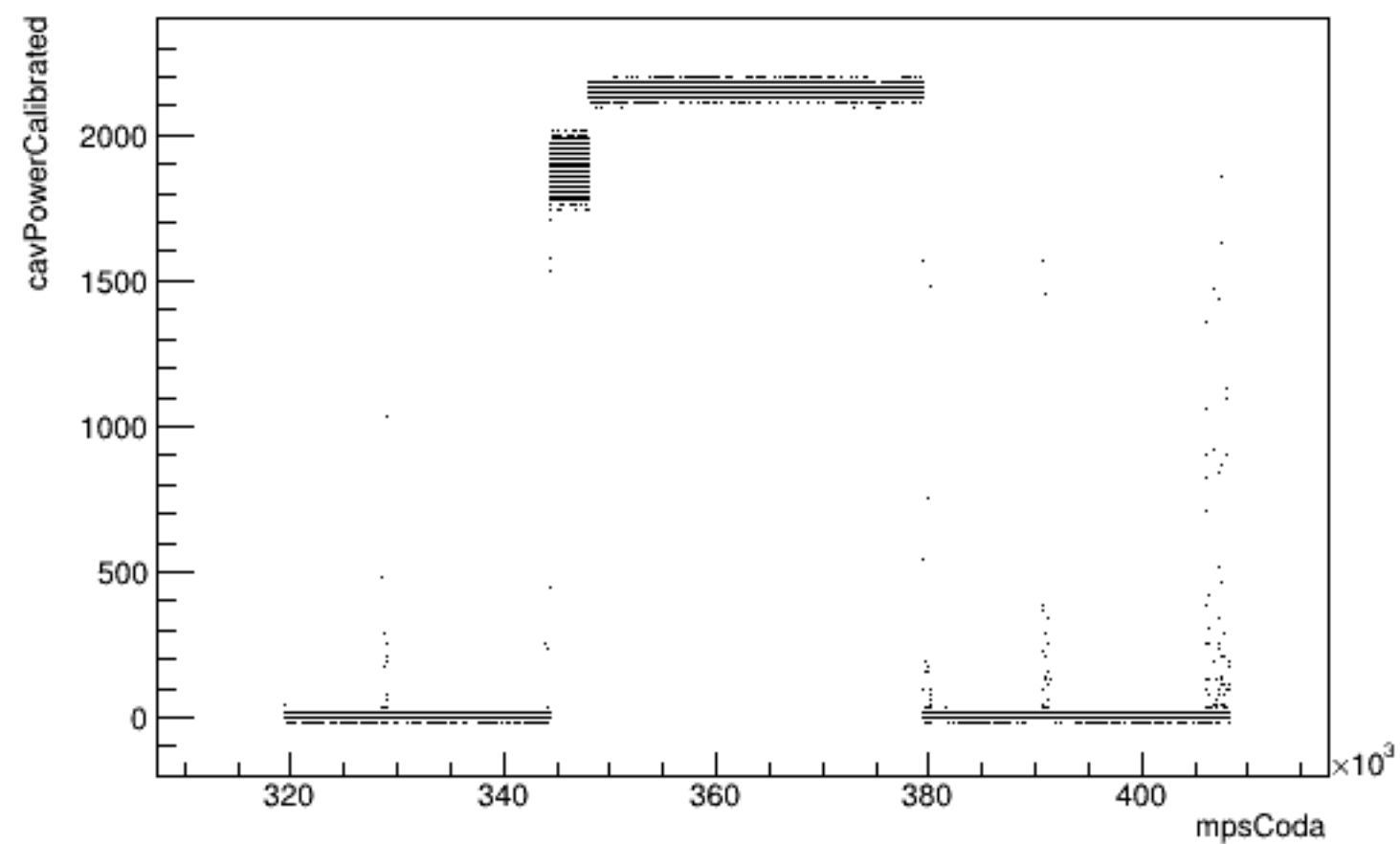
laserState:mpsCoda {mpsCoda>=319397 && mpsCoda<=408300}



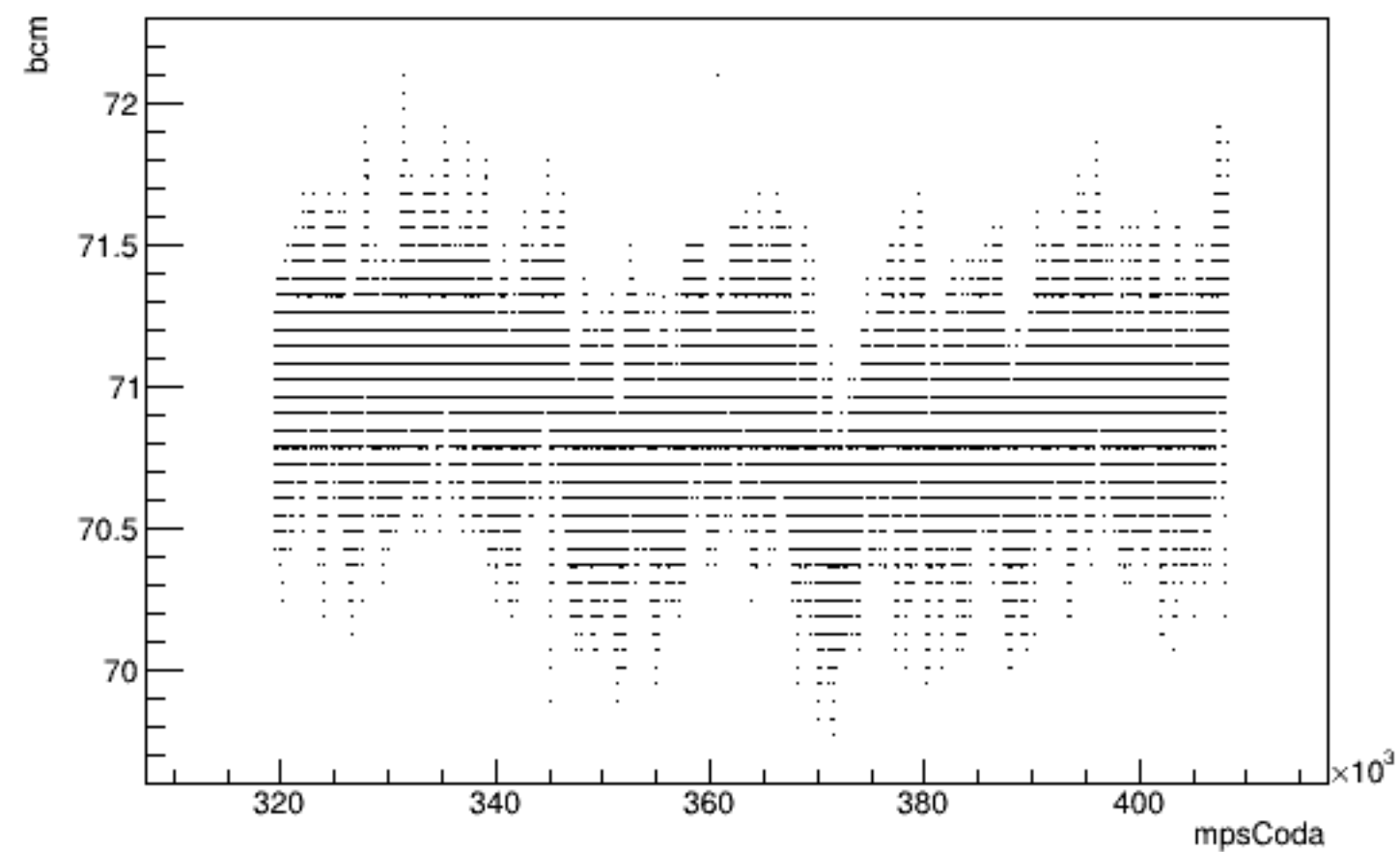
beamState + 1:mpsCoda {mpsCoda>=319397 && mpsCoda<=408300}



cavPowerCalibrated:mpsCoda {mpsCoda>=319397 && mpsCoda<=408300}



bcm:mpsCoda {mpsCoda>=319397 && mpsCoda<=408300}



Cycle 9, Diffs

Entries: 3544

Mean: 0.0014 +/- 0.0047

Std Dev: 0.2781 +/- 0.0033

Entries: 4612

Mean: 0.1225 +/- 0.0049

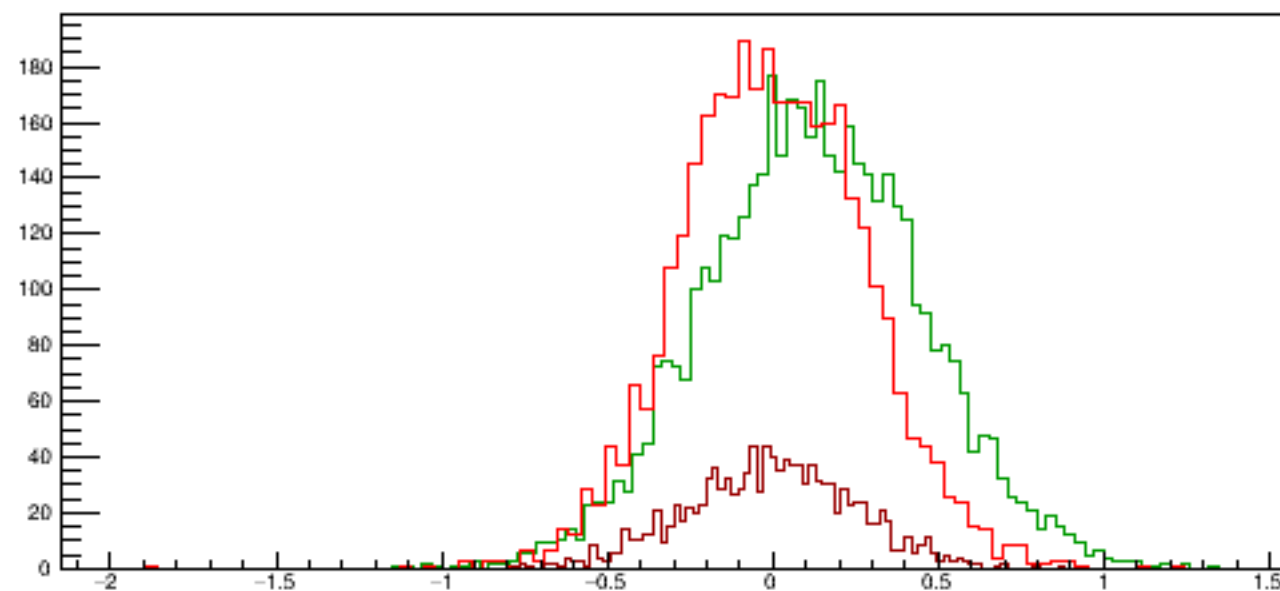
Std Dev: 0.3296 +/- 0.0034

Entries: 1209

Mean: -0.0043 +/- 0.0073

Std Dev: 0.2551 +/- 0.0052

Run 4562 quartetwise, Diffs



Cycle 9, Sums

Entries: 3544

Mean: 15.0134 +/- 0.0148

Std Dev: 0.8799 +/- 0.0105

Entries: 4612

Mean: 22.7939 +/- 0.0131

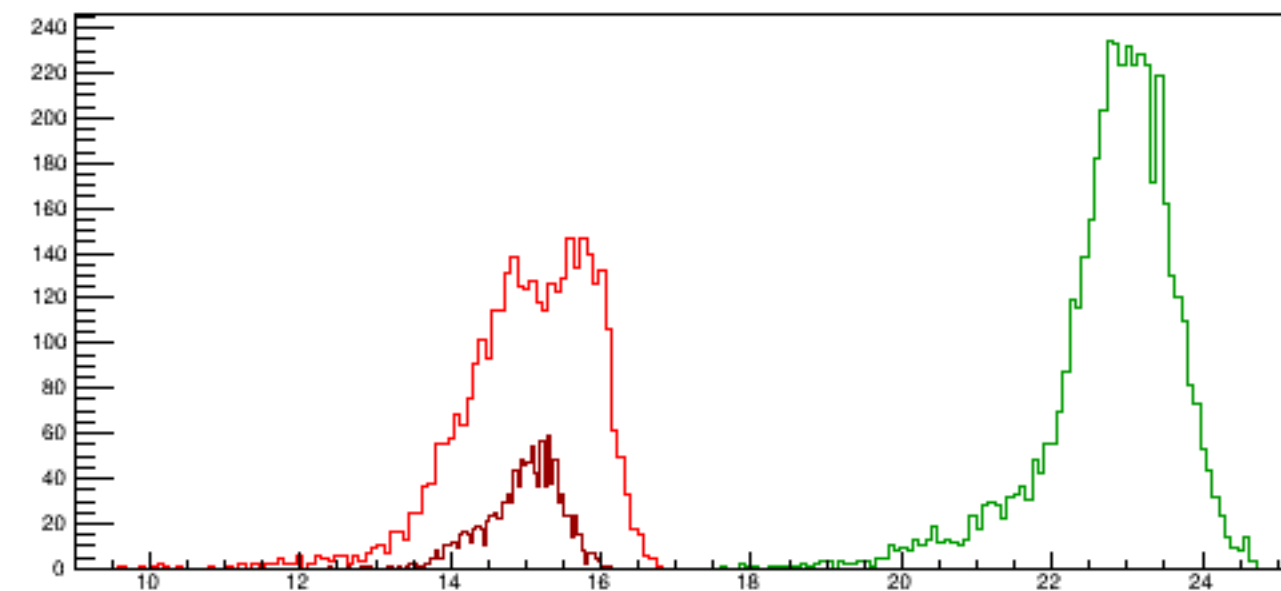
Std Dev: 0.8893 +/- 0.0093

Entries: 1209

Mean: 14.9495 +/- 0.0149

Std Dev: 0.5179 +/- 0.0105

Run 4562 quartetwise, Sums



Cycle 9, Asyms

Entries: 3544

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0356 +/- 0.0004

Entries: 4612

Mean: 0.0158 +/- 0.0006

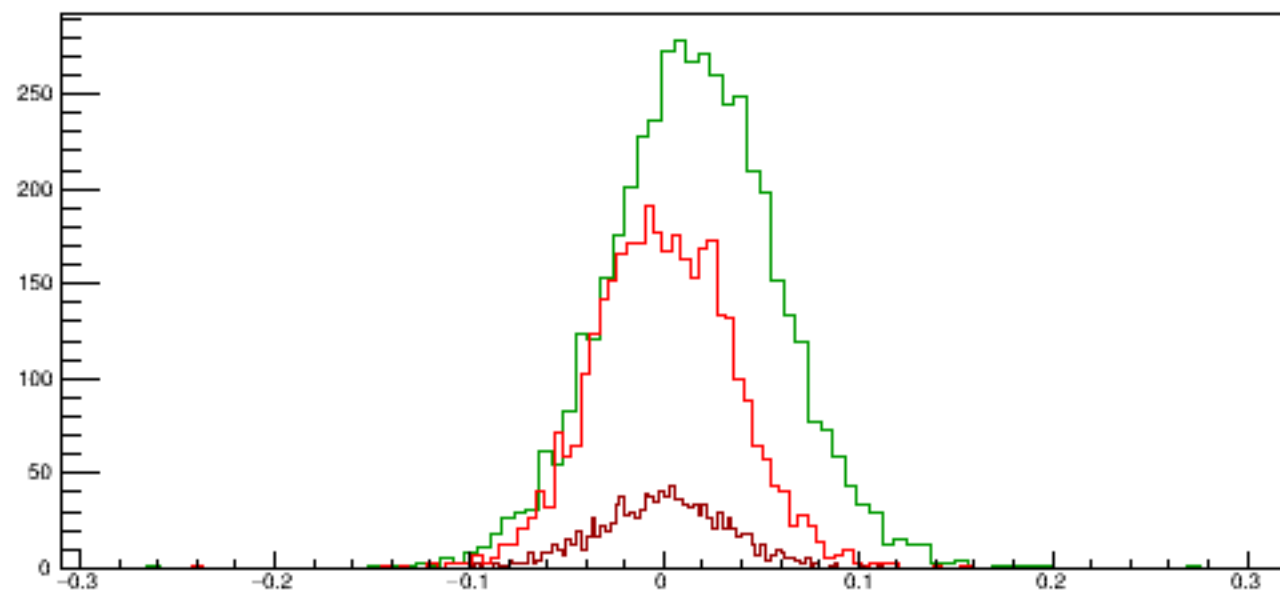
Std Dev: 0.0434 +/- 0.0005

Entries: 1209

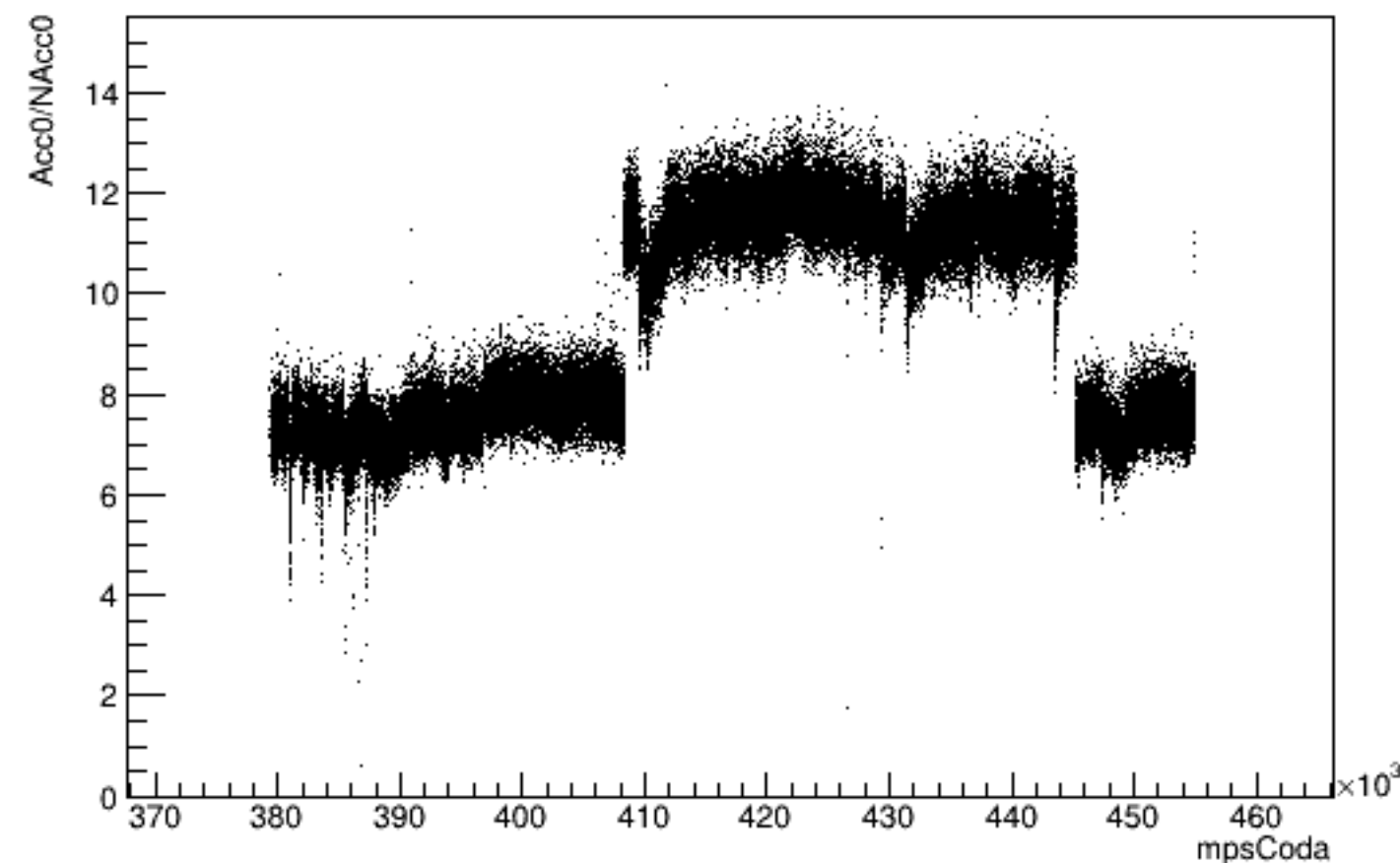
Mean: -0.0005 +/- 0.0009

Std Dev: 0.0327 +/- 0.0007

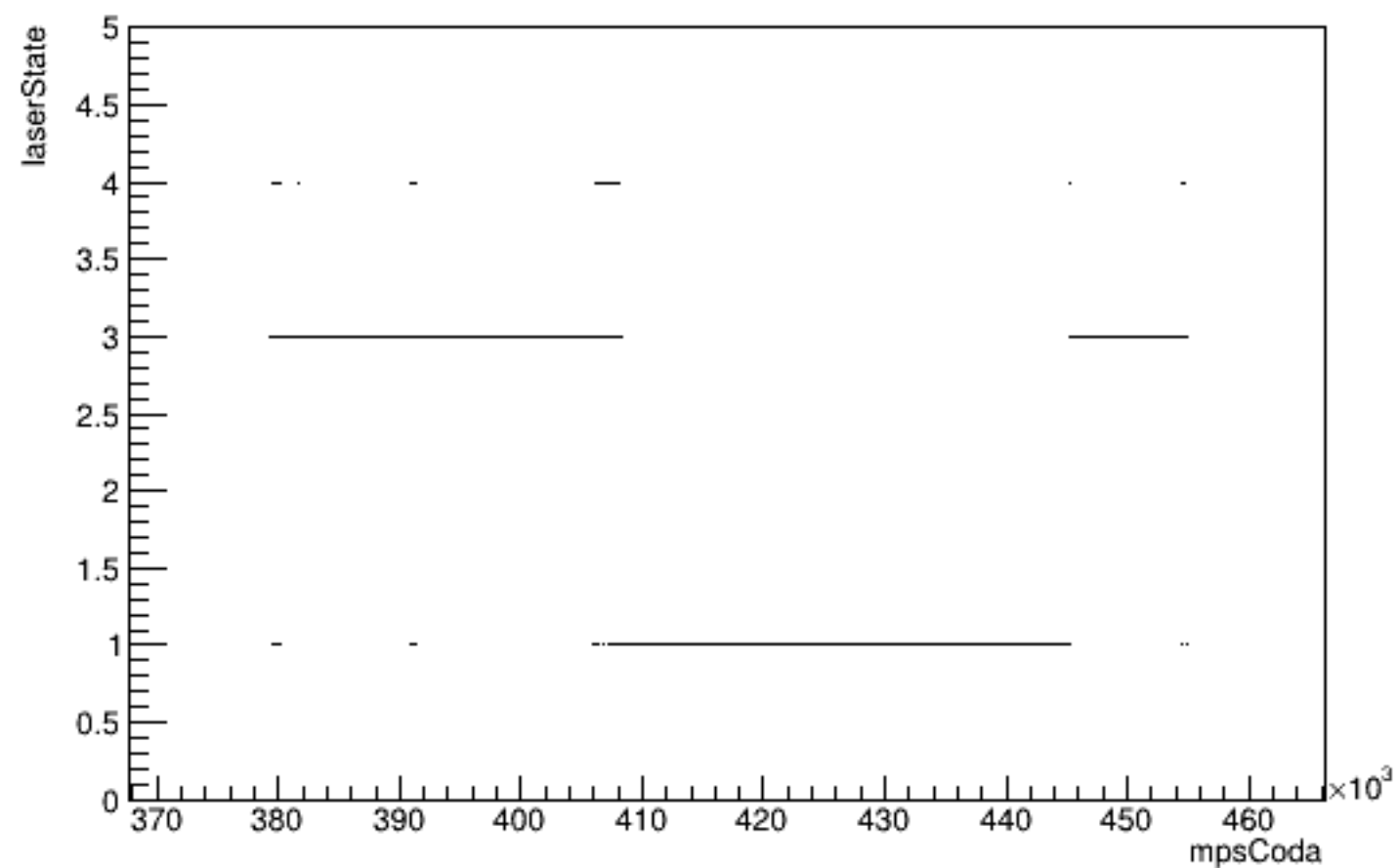
Run 4562 quartetwise, Asyms



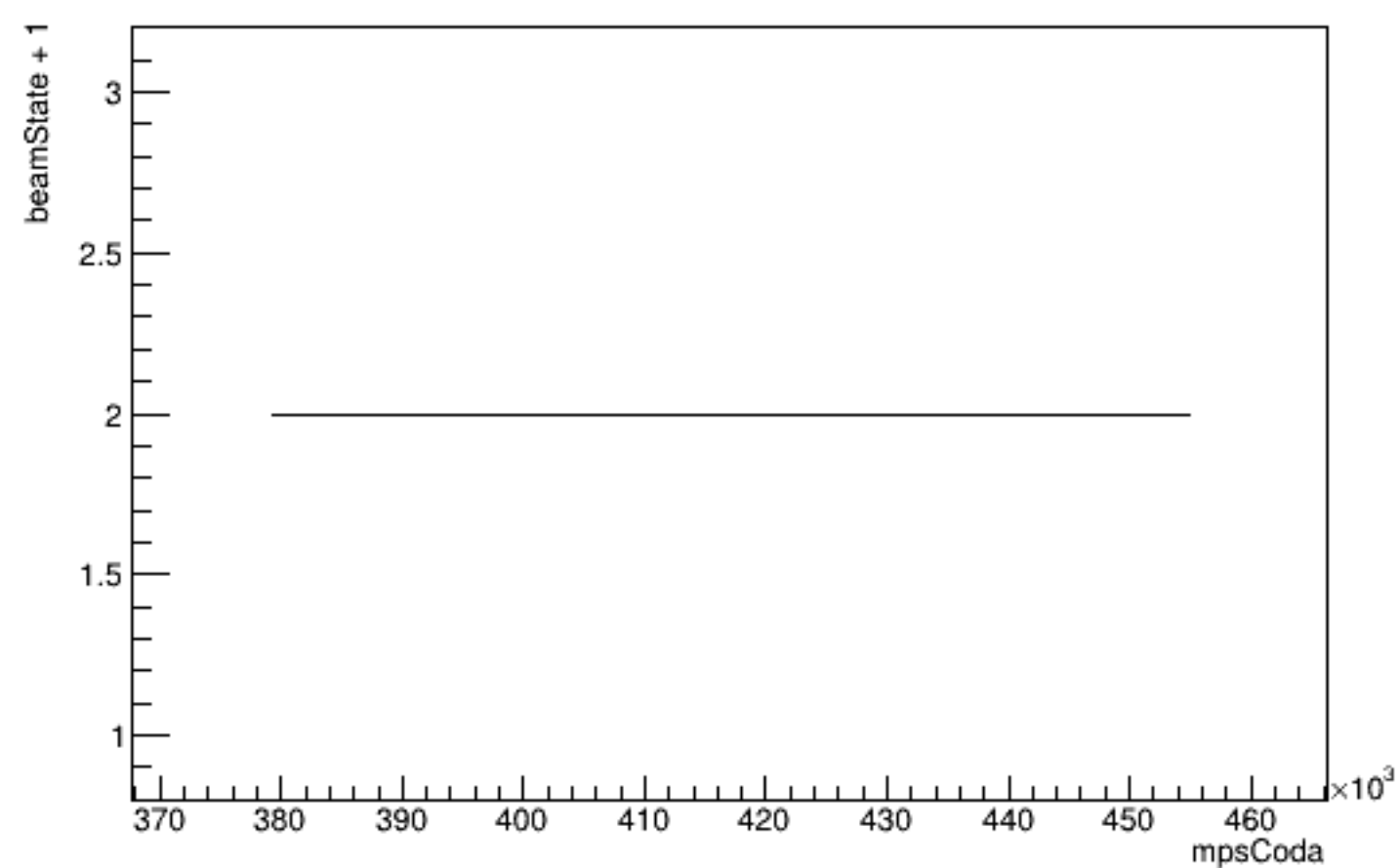
Acc0/NAcc0:mpsCoda (mpsCoda>=379381 && mpsCoda<=454940 && beamState==1)



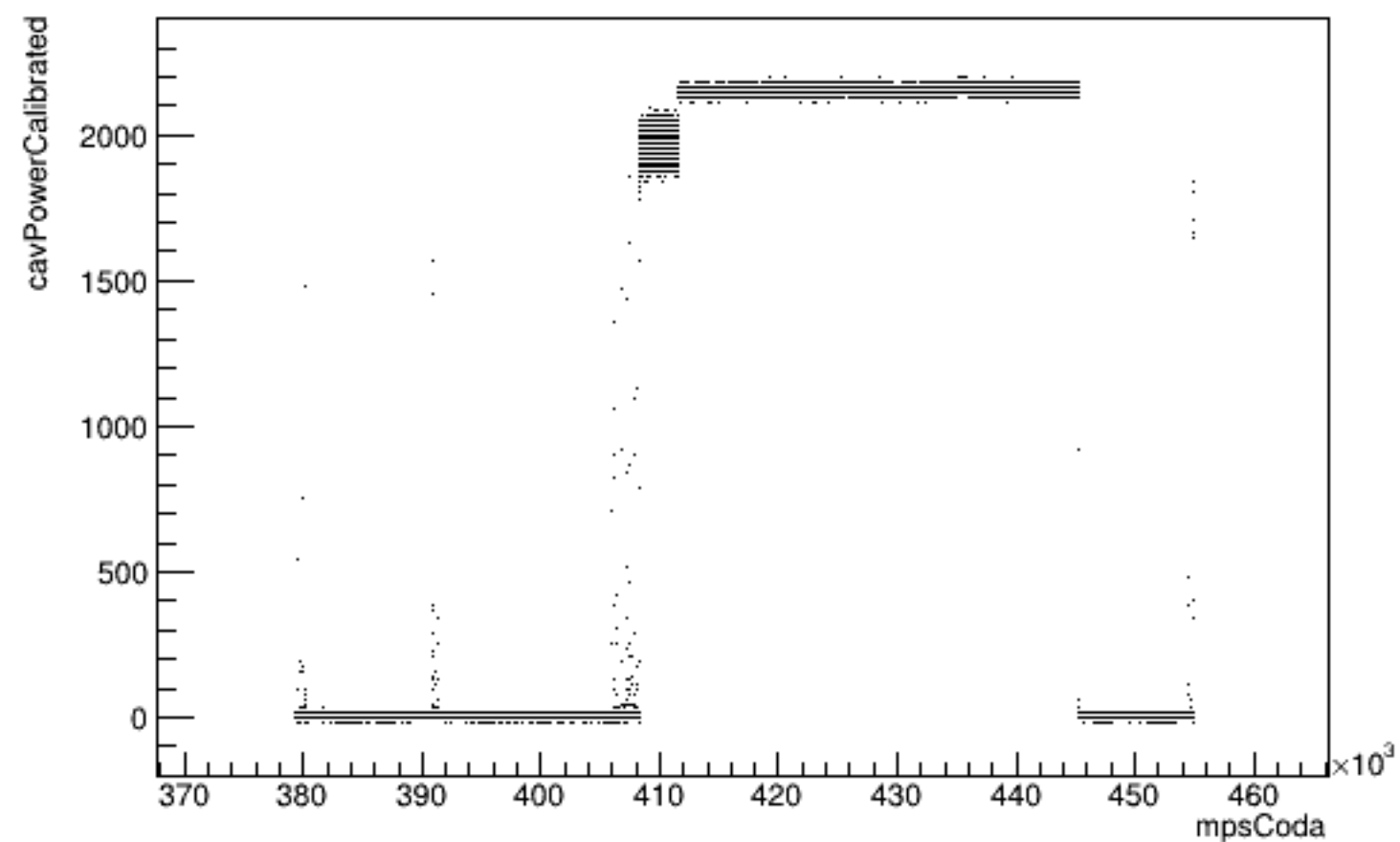
laserState:mpsCoda {mpsCoda>=379381 && mpsCoda<=454940}



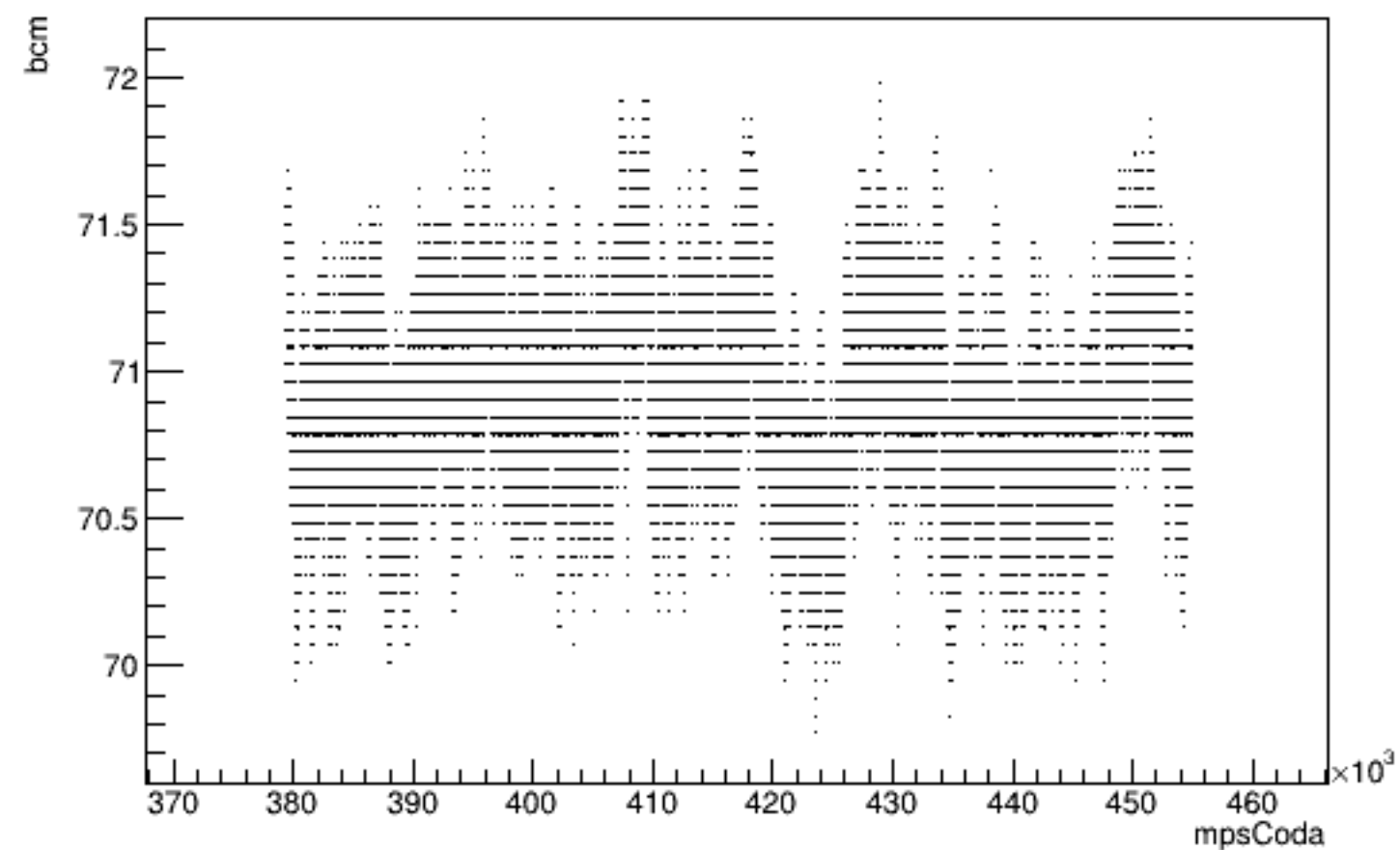
beamState + 1:mpsCoda {mpsCoda>=379381 && mpsCoda<=454940}



cavPowerCalibrated:mpsCoda {mpsCoda>=379381 && mpsCoda<=454940}



bcm:mpsCoda {mpsCoda>=379381 && mpsCoda<=454940}



Cycle 10, Diffs

Entries: 1209

Mean: -0.0043 +/- 0.0073

Std Dev: 0.2551 +/- 0.0052

Entries: 4609

Mean: 0.1087 +/- 0.0049

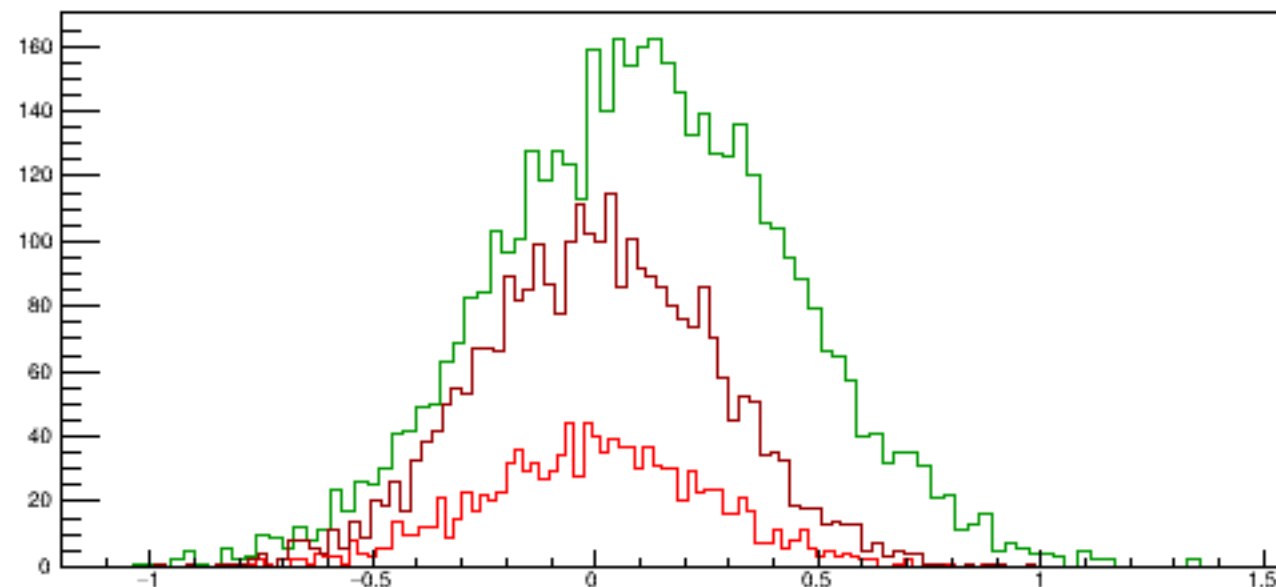
Std Dev: 0.3325 +/- 0.0035

Entries: 2970

Mean: 0.0041 +/- 0.0049

Std Dev: 0.2659 +/- 0.0035

Run 4562 quartetwise, Diffs



Cycle 10, Sums

Entries: 1209

Mean: 14.9495 +/- 0.0149

Std Dev: 0.5179 +/- 0.0105

Entries: 4609

Mean: 22.8923 +/- 0.0082

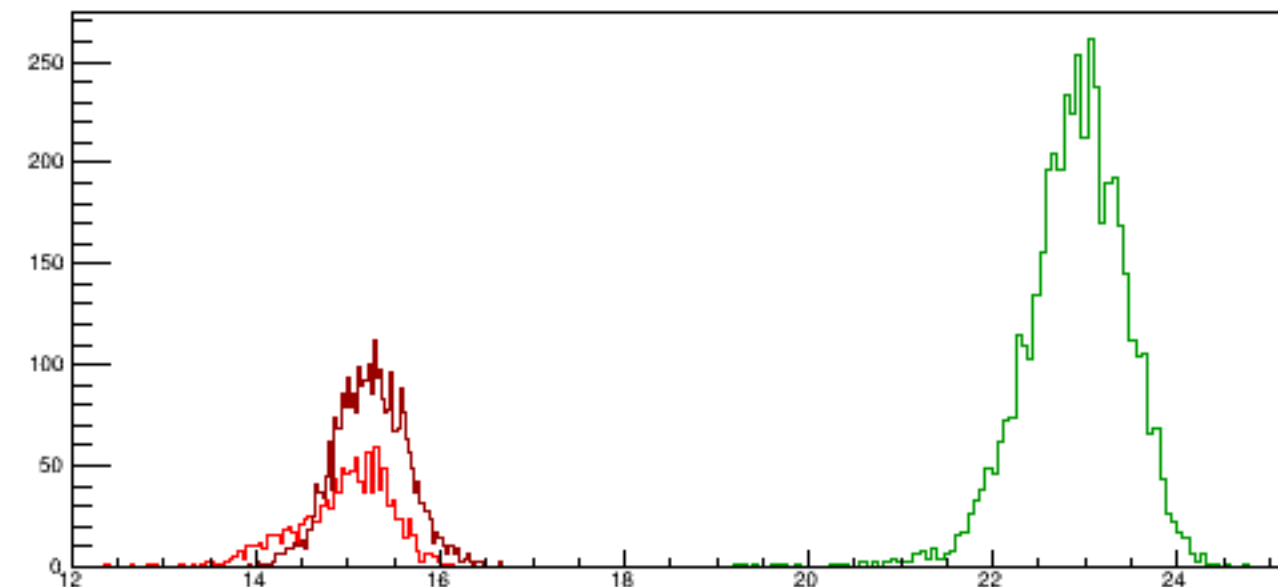
Std Dev: 0.5553 +/- 0.0058

Entries: 2970

Mean: 15.2420 +/- 0.0071

Std Dev: 0.3894 +/- 0.0051

Run 4562 quartetwise, Sums



Cycle 10, Asyms

Entries: 1209

Mean: -0.0005 +/- 0.0009

Std Dev: 0.0327 +/- 0.0007

Entries: 4609

Mean: 0.0140 +/- 0.0006

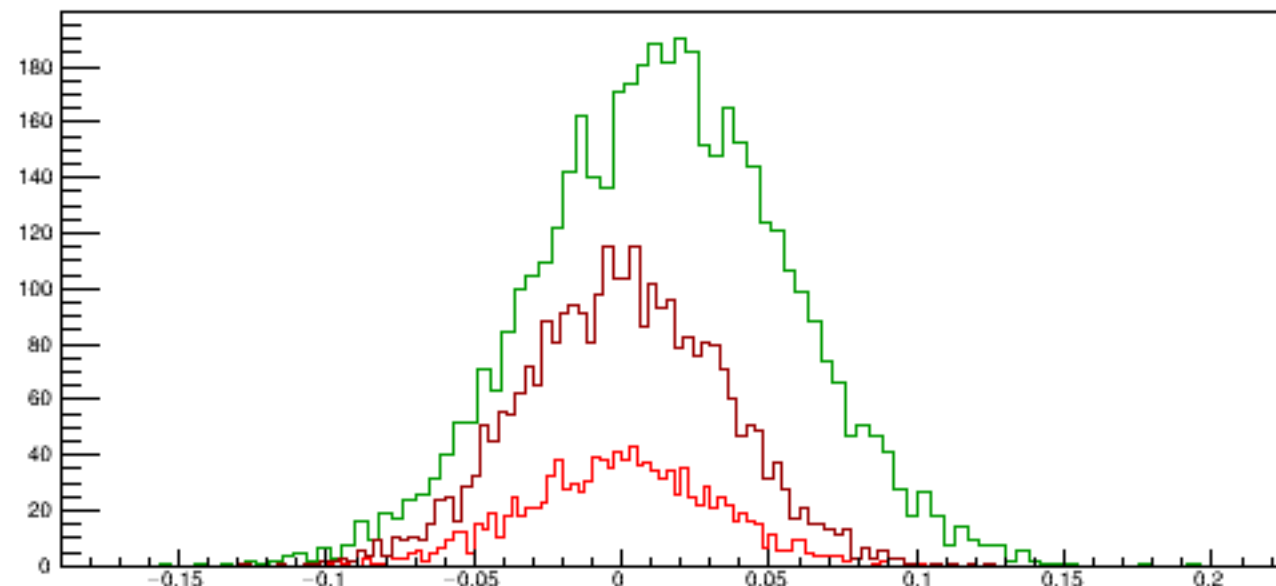
Std Dev: 0.0429 +/- 0.0004

Entries: 2970

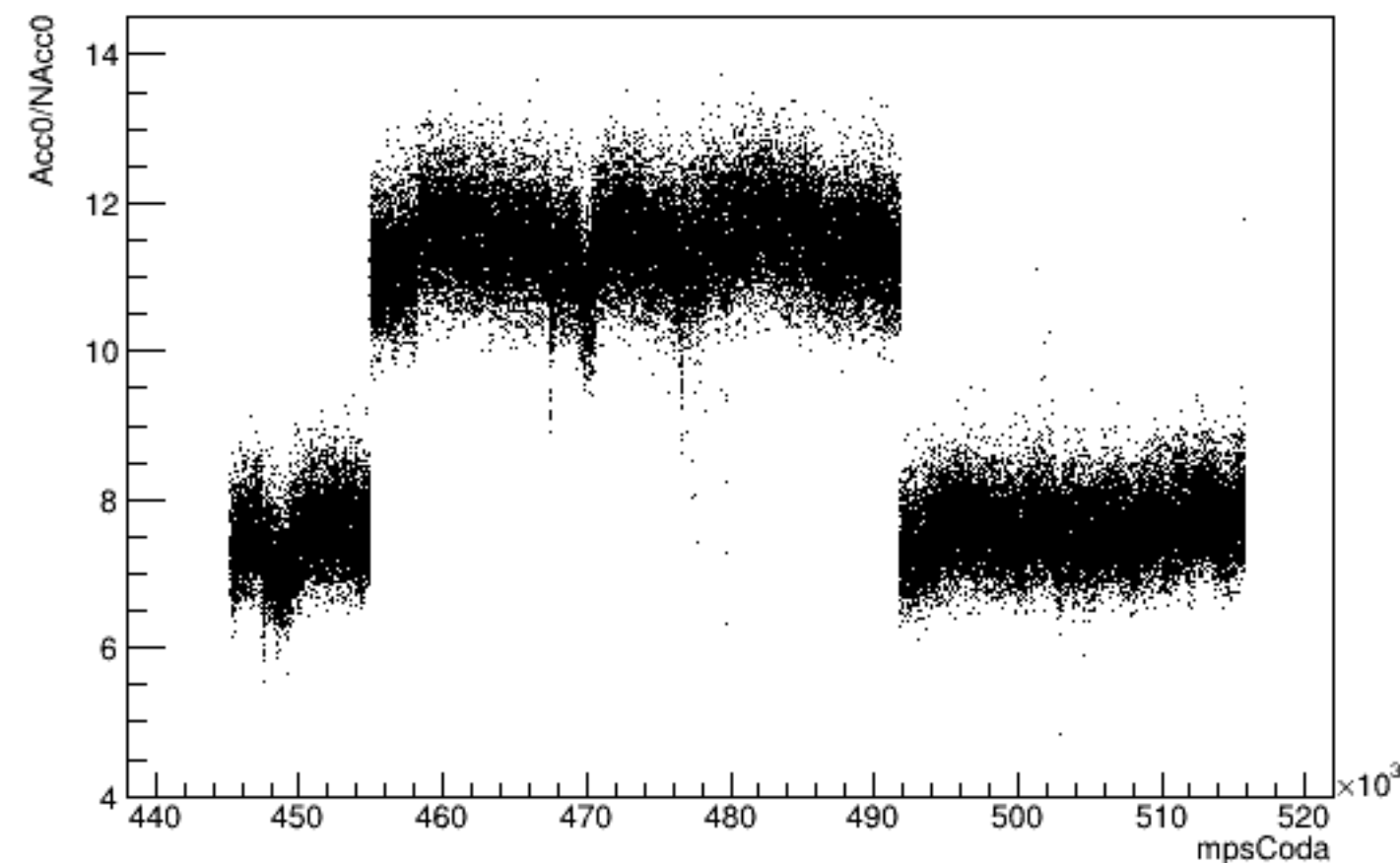
Mean: 0.0005 +/- 0.0006

Std Dev: 0.0341 +/- 0.0004

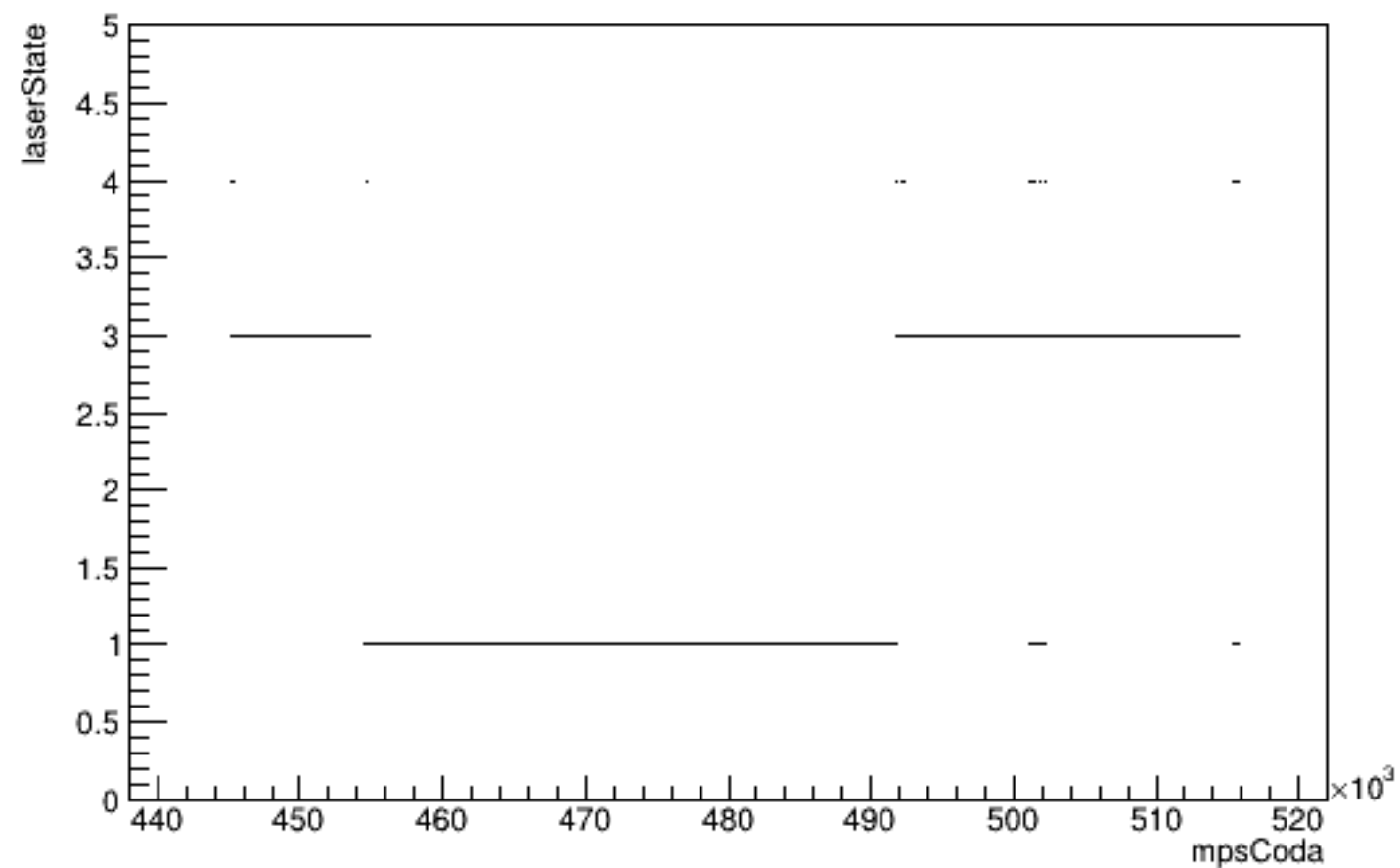
Run 4562 quartetwise, Asyms



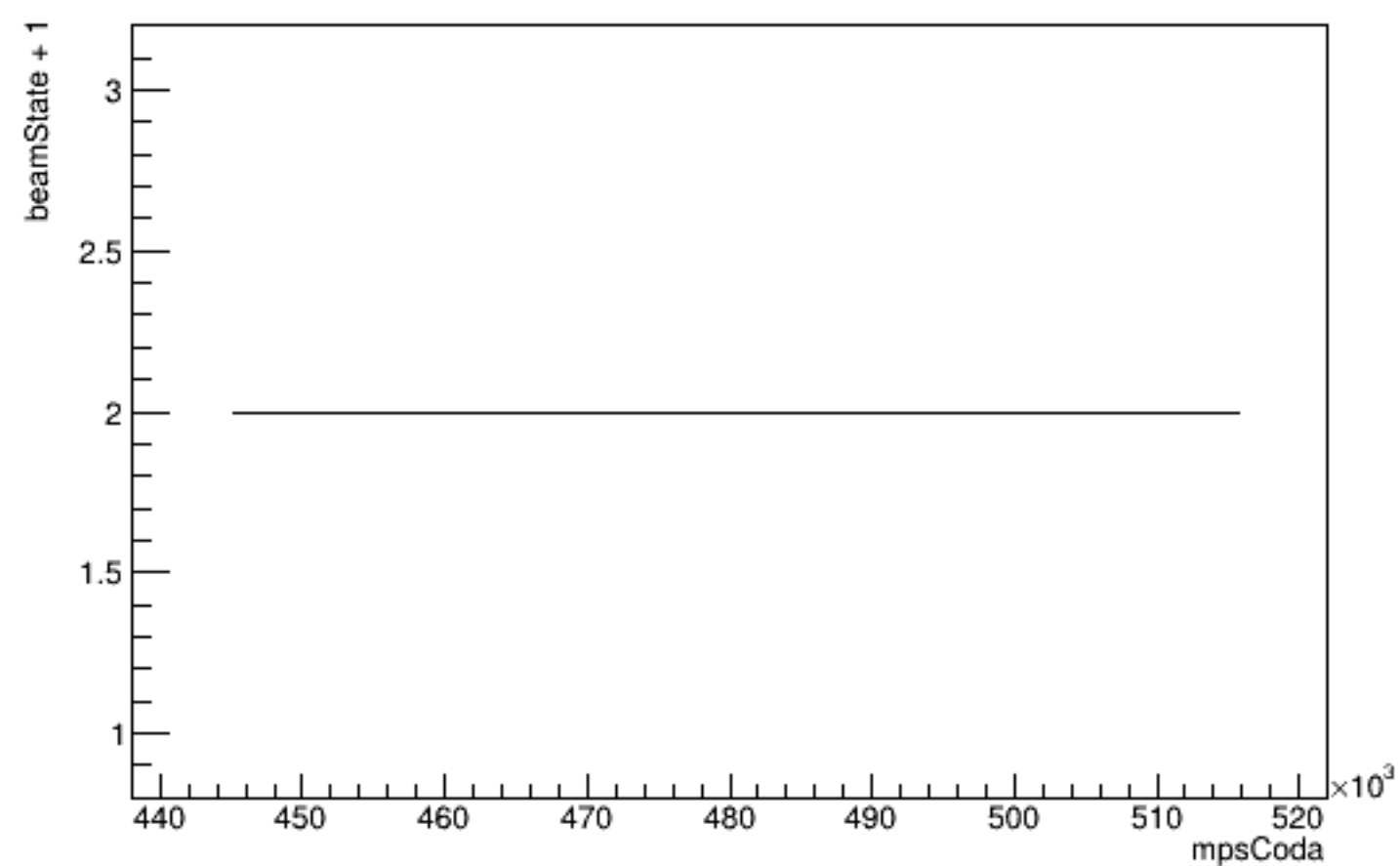
Acc0/NAcc0:mpsCoda (mpsCoda>=445205 && mpsCoda<=515788 && beamState==1)



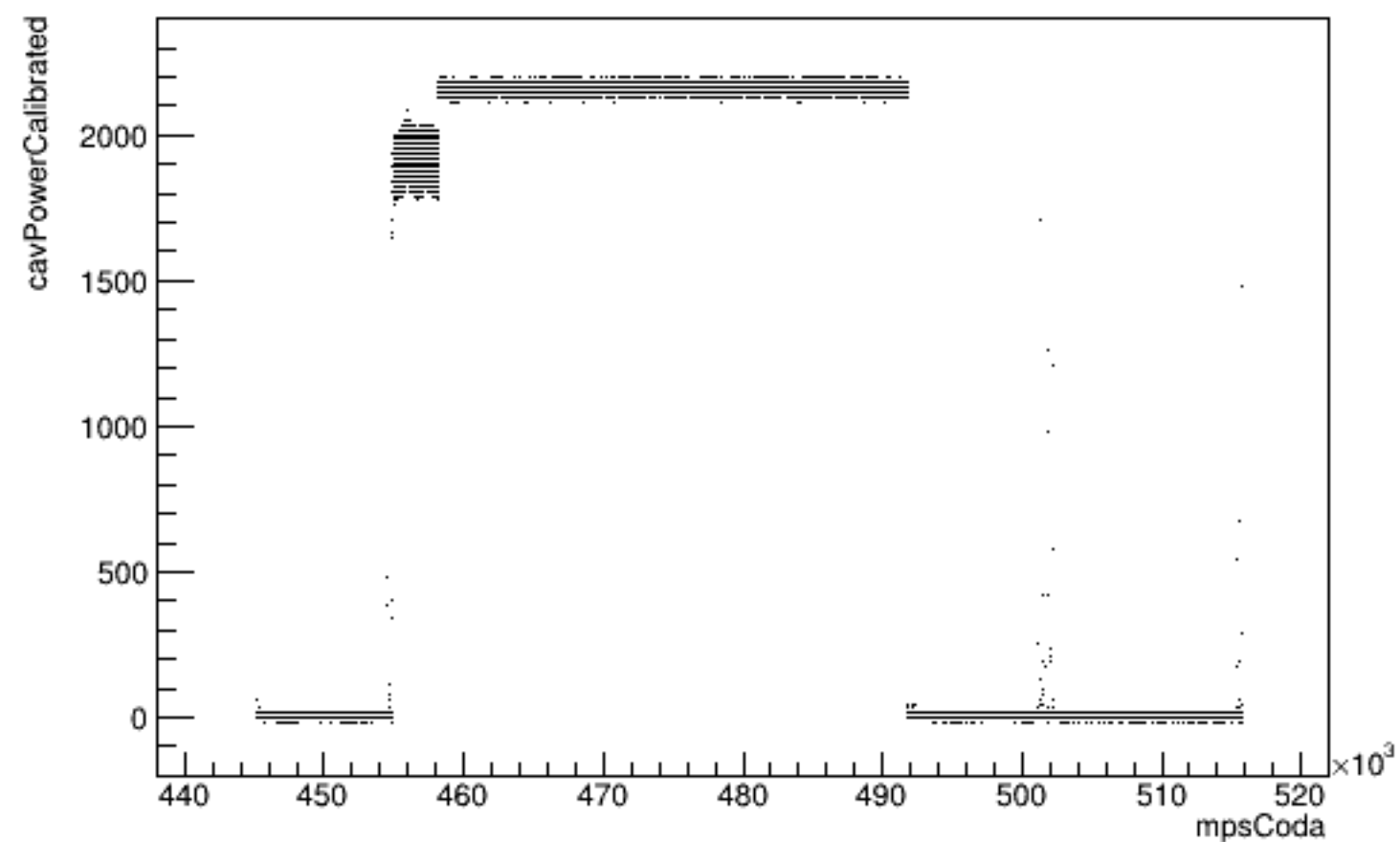
laserState:mpsCoda {mpsCoda>=445205 && mpsCoda<=515788}



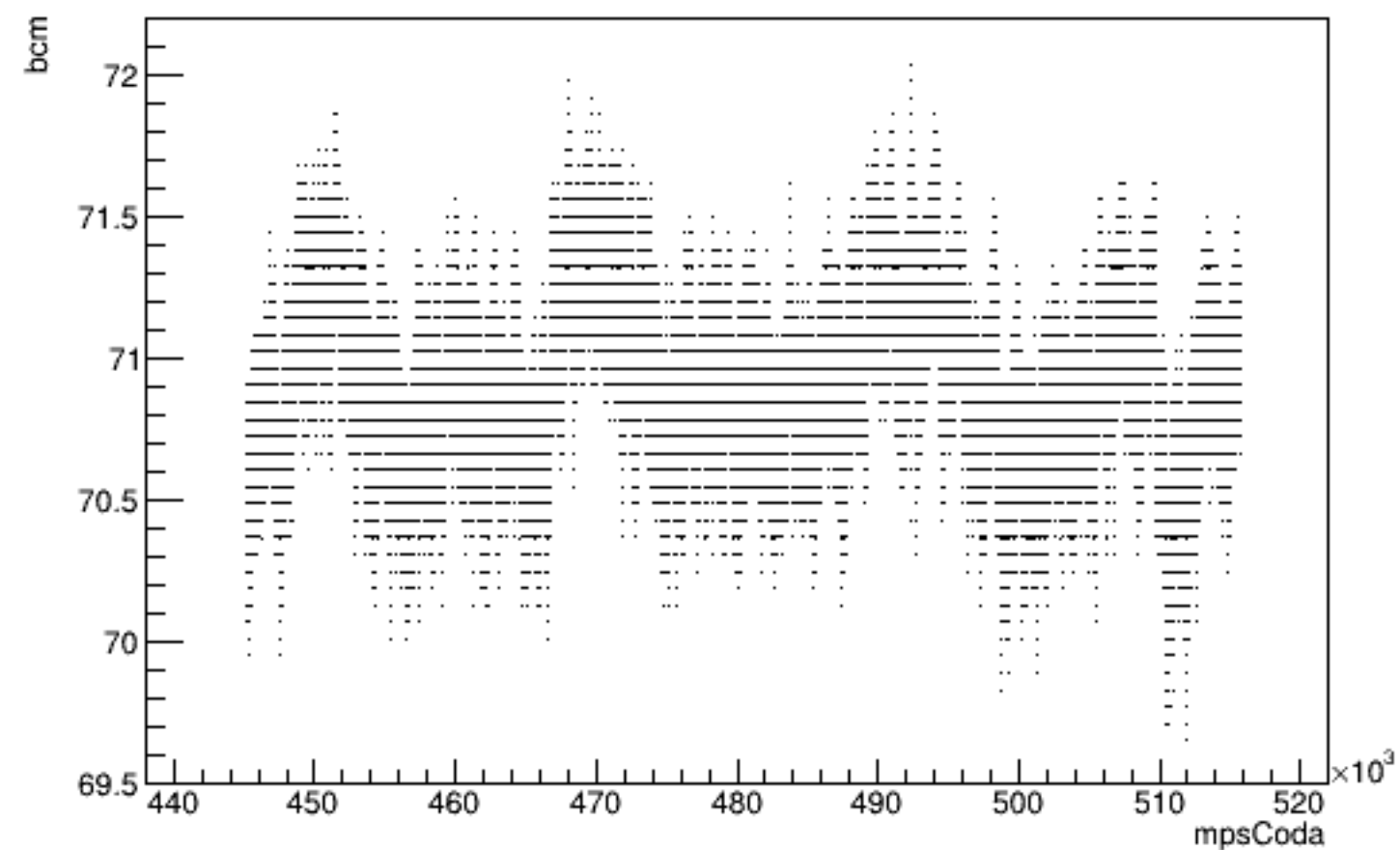
beamState + 1:mpsCoda {mpsCoda>=445205 && mpsCoda<=515788}



cavPowerCalibrated:mpsCoda {mpsCoda>=445205 && mpsCoda<=515788}



bcm:mpsCoda {mpsCoda>=445205 && mpsCoda<=515788}



Cycle 11, Diffs

Entries: 2970

Mean: 0.0041 +/- 0.0049

Std Dev: 0.2659 +/- 0.0035

Entries: 4594

Mean: 0.1072 +/- 0.0049

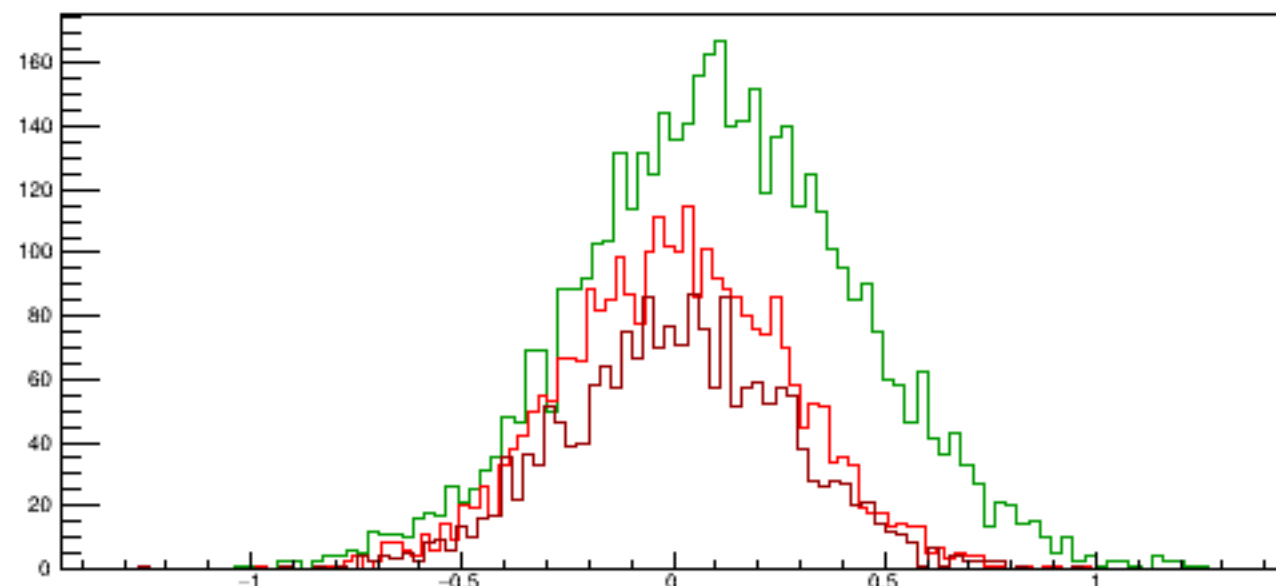
Std Dev: 0.3287 +/- 0.0034

Entries: 1923

Mean: 0.0054 +/- 0.0060

Std Dev: 0.2643 +/- 0.0043

Run 4562 quartetwise, Diffs



Cycle 11, Sums

Entries: 2970

Mean: 15.2420 +/- 0.0071

Std Dev: 0.3894 +/- 0.0051

Entries: 4594

Mean: 23.3148 +/- 0.0077

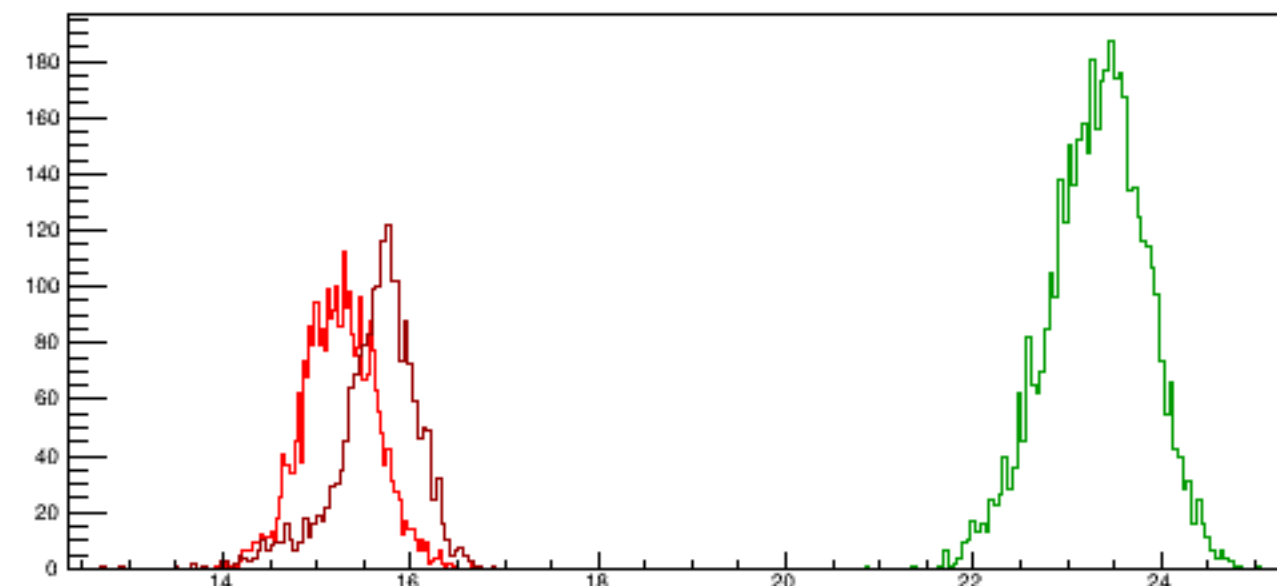
Std Dev: 0.5237 +/- 0.0055

Entries: 1923

Mean: 15.6337 +/- 0.0103

Std Dev: 0.4525 +/- 0.0073

Run 4562 quartetwise, Sums



Cycle 11, Asyms

Entries: 2970

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0338 +/- 0.0004

Entries: 4594

Mean: 0.0136 +/- 0.0006

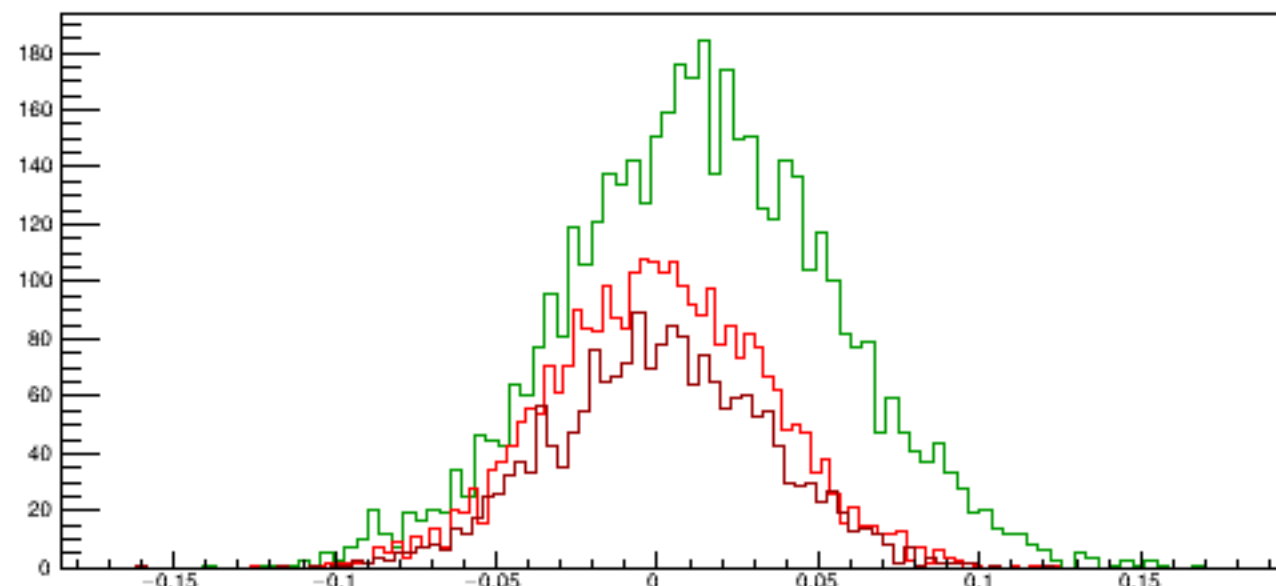
Std Dev: 0.0418 +/- 0.0004

Entries: 1923

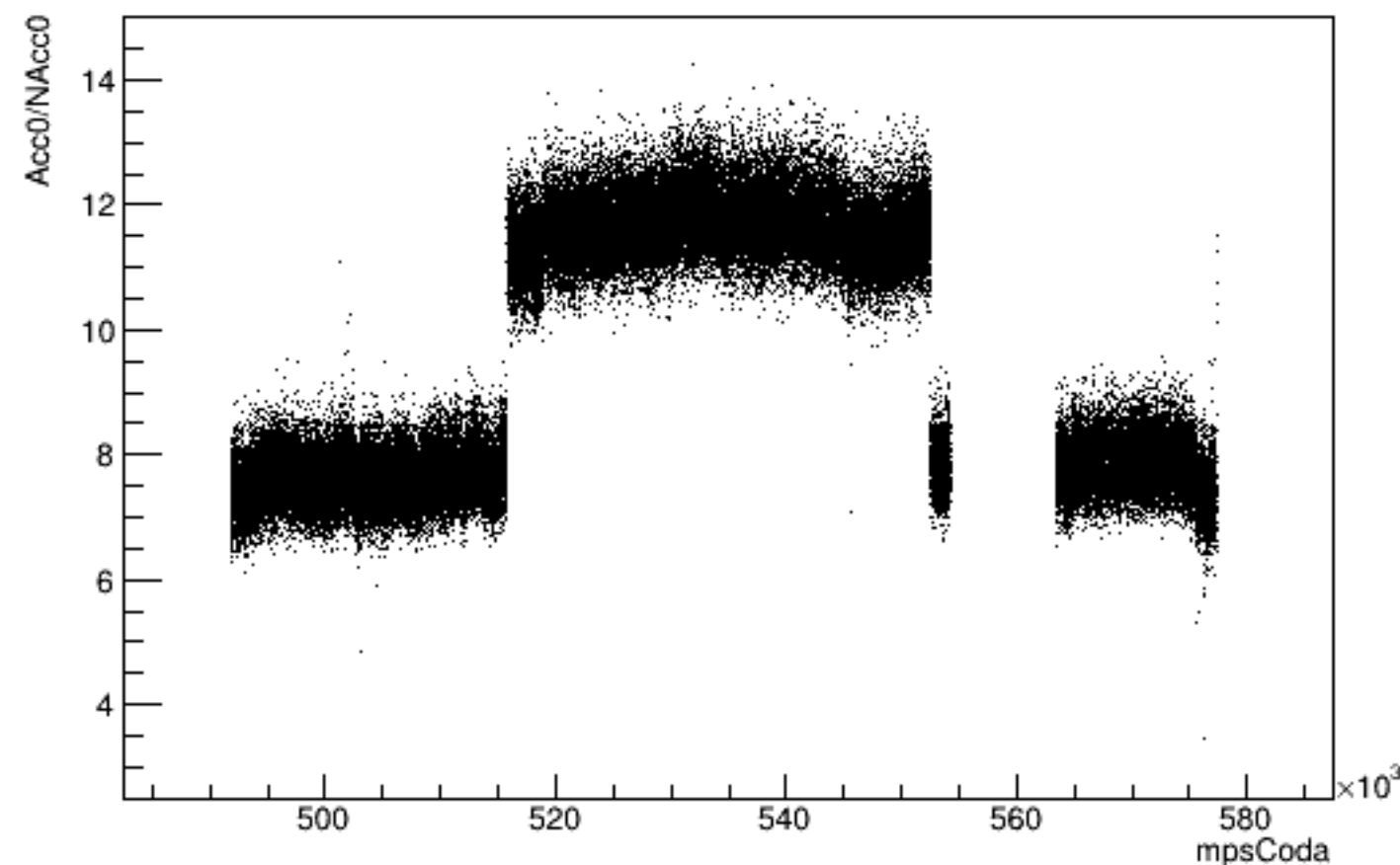
Mean: 0.0007 +/- 0.0008

Std Dev: 0.0336 +/- 0.0005

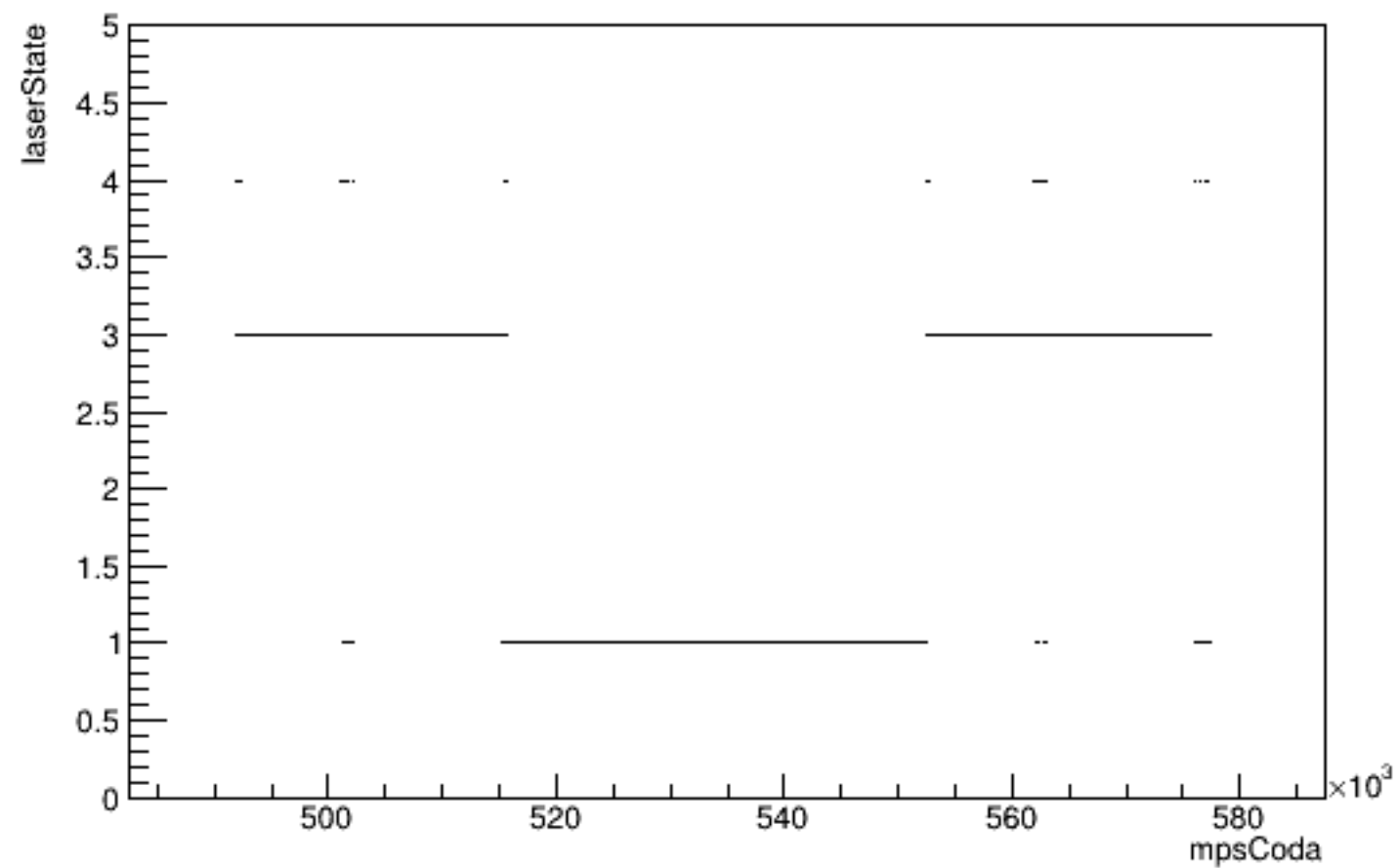
Run 4562 quartetwise, Asyms



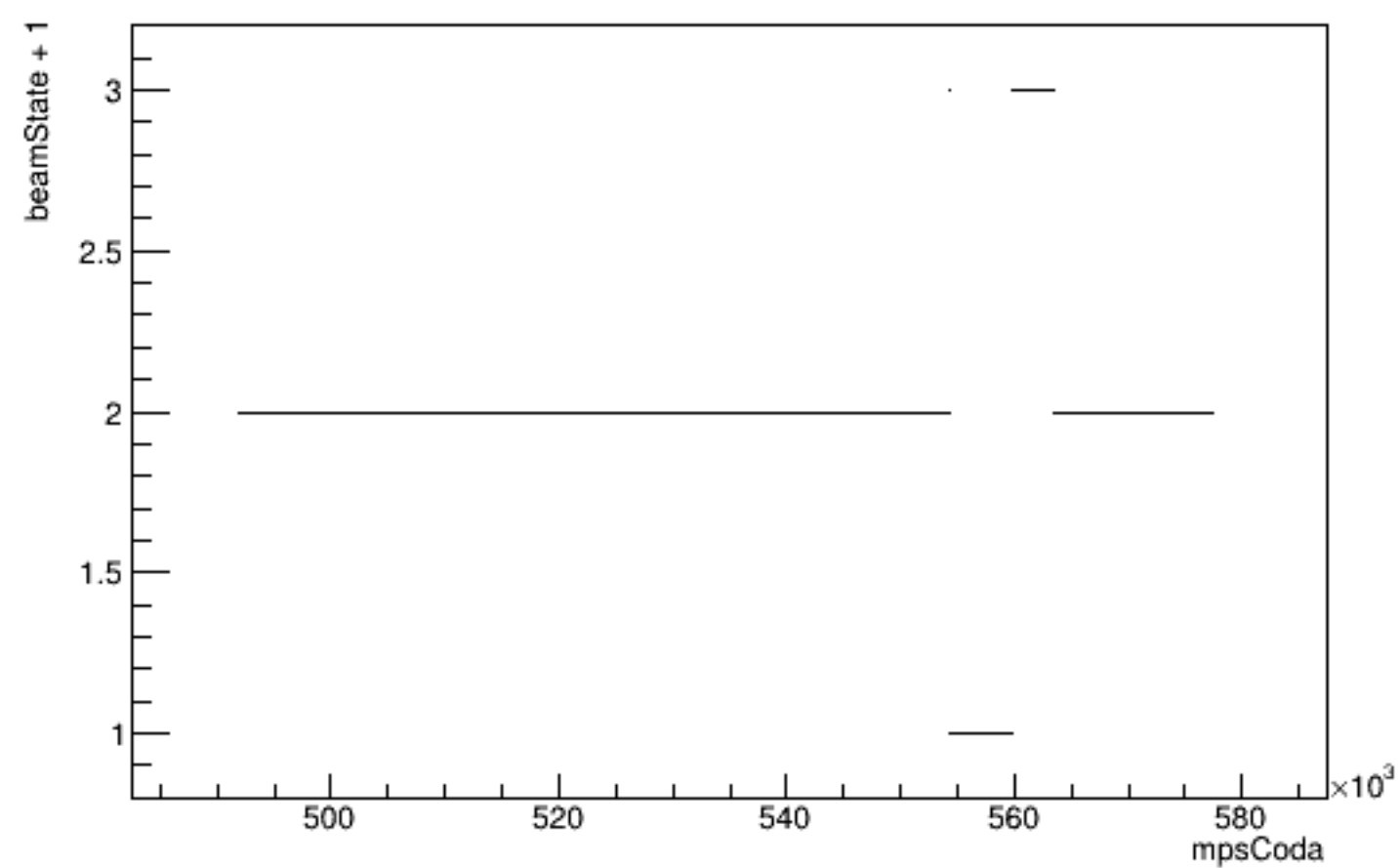
Acc0/NAcc0:mpsCoda (mpsCoda>=491821 && mpsCoda<=577332 && beamState==1)



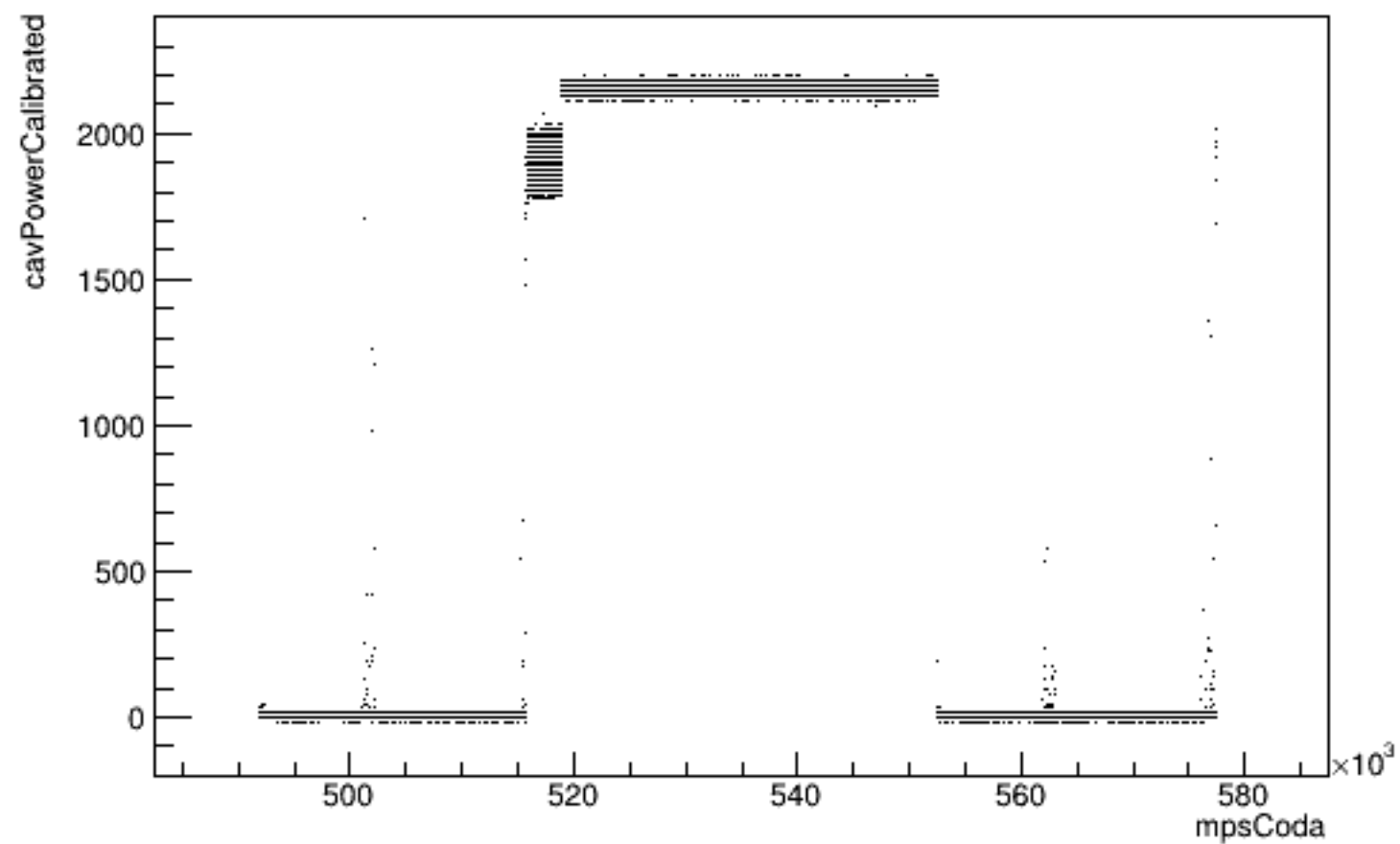
laserState:mpsCoda {mpsCoda>=491821 && mpsCoda<=577332}



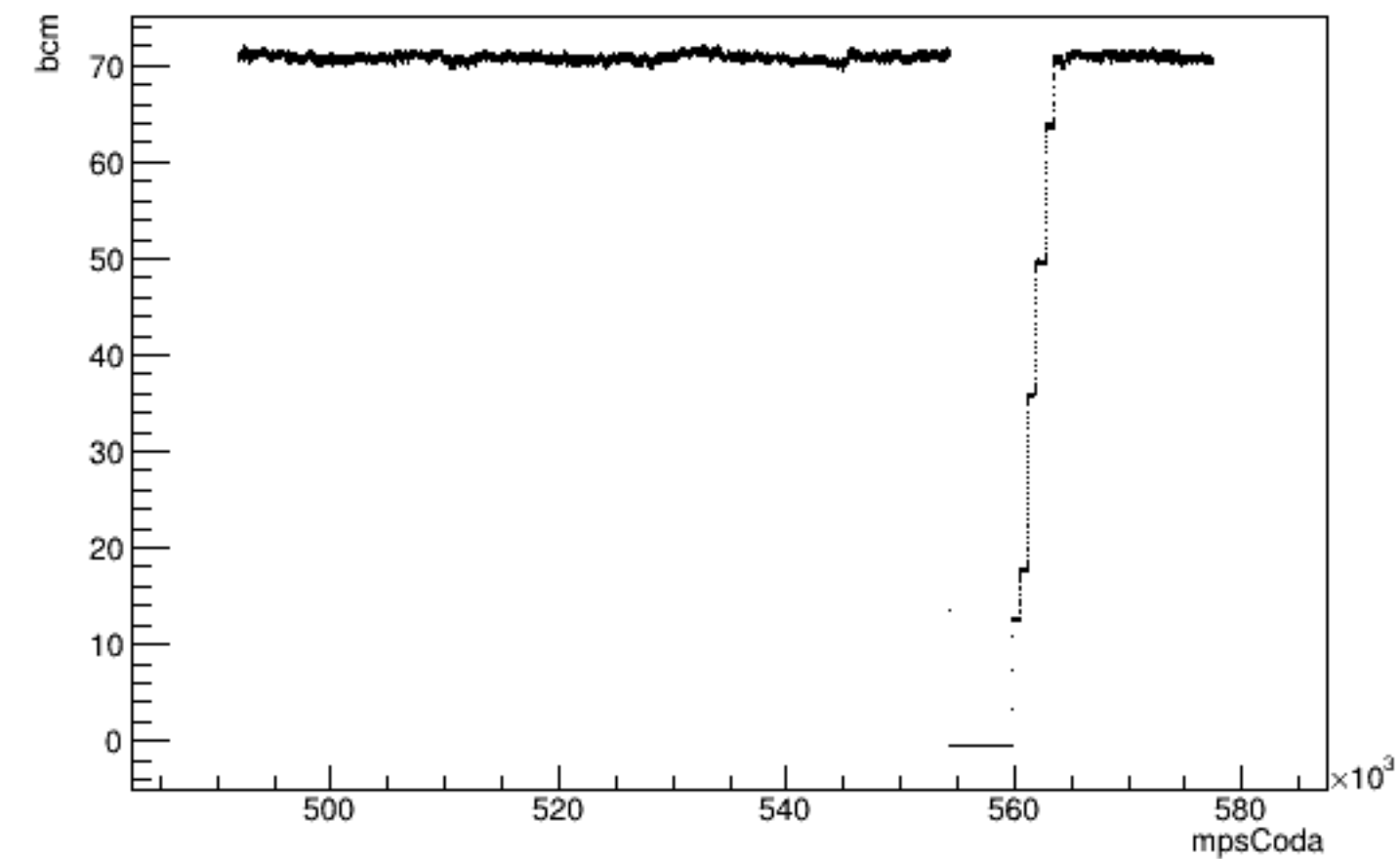
beamState + 1:mpsCoda {mpsCoda>=491821 && mpsCoda<=577332}



cavPowerCalibrated:mpsCoda {mpsCoda>=491821 && mpsCoda<=577332}



bcm:mpsCoda {mpsCoda>=491821 && mpsCoda<=577332}



Cycle 12, Diffs

Entries: 1923

Mean: 0.0054 +/- 0.0060

Std Dev: 0.2643 +/- 0.0043

Entries: 3410

Mean: 0.1095 +/- 0.0058

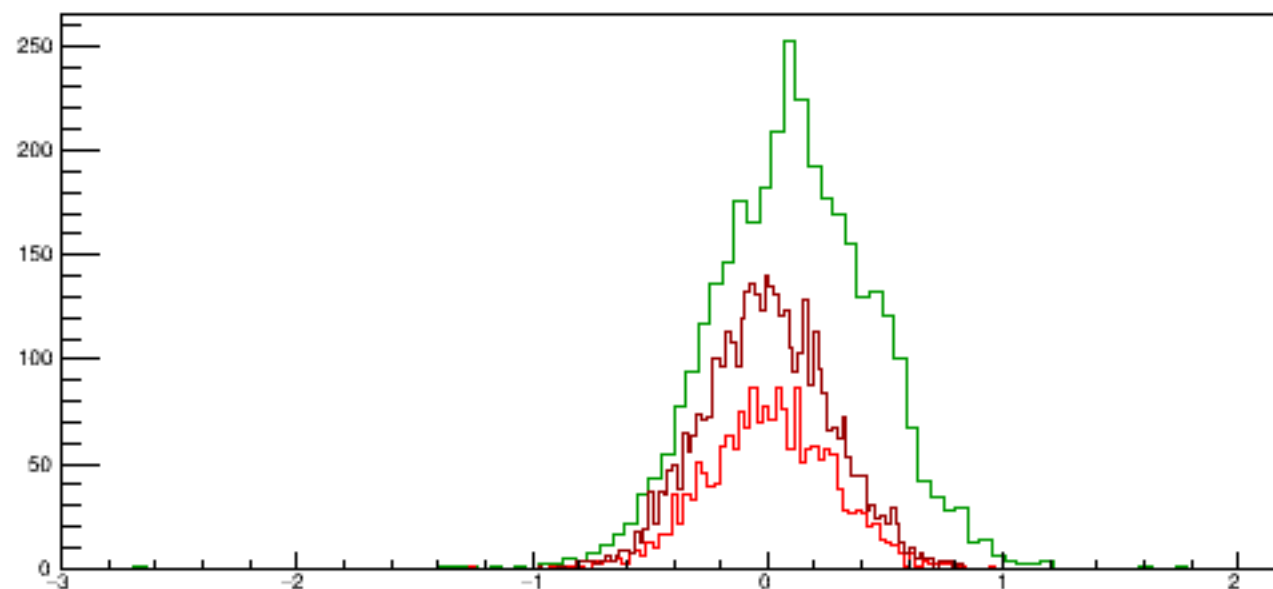
Std Dev: 0.3396 +/- 0.0041

Entries: 4206

Mean: -0.0036 +/- 0.0041

Std Dev: 0.2670 +/- 0.0029

Run 4562 quartetwise, Diffs



Cycle 12, Sums

Entries: 1923

Mean: 15.6337 +/- 0.0103

Std Dev: 0.4525 +/- 0.0073

Entries: 3410

Mean: 22.8630 +/- 0.0114

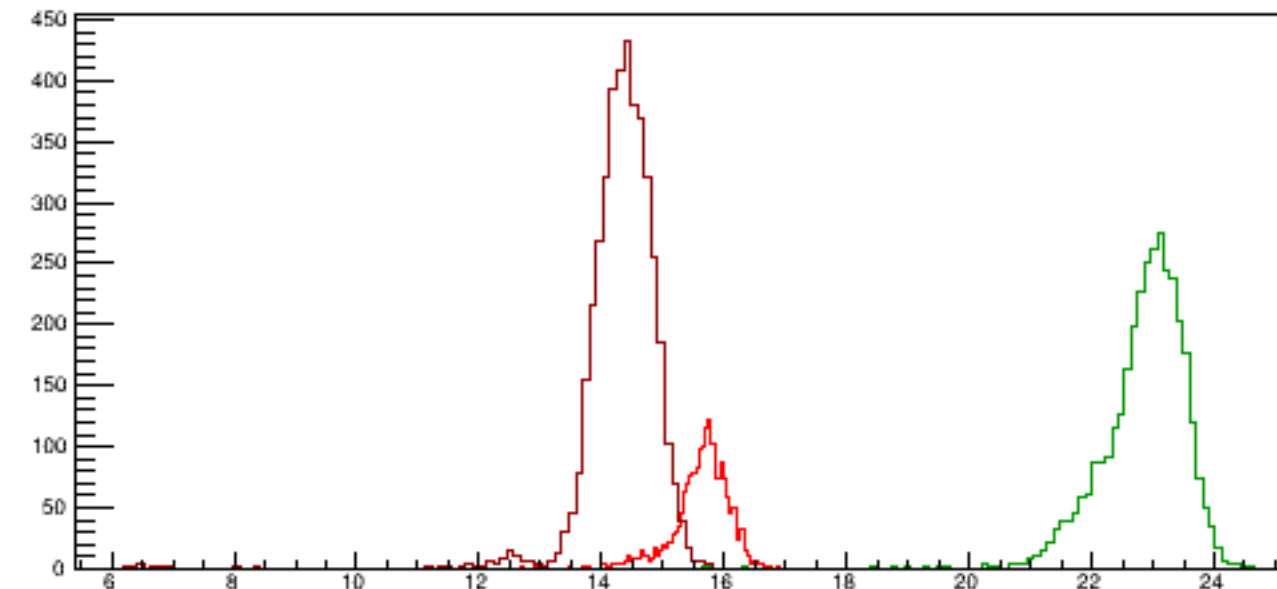
Std Dev: 0.6662 +/- 0.0081

Entries: 4206

Mean: 14.3393 +/- 0.0096

Std Dev: 0.6216 +/- 0.0068

Run 4562 quartetwise, Sums



Cycle 12, Asyms

Entries: 1923

Mean: 0.0007 +/- 0.0008

Std Dev: 0.0336 +/- 0.0005

Entries: 3410

Mean: 0.0141 +/- 0.0009

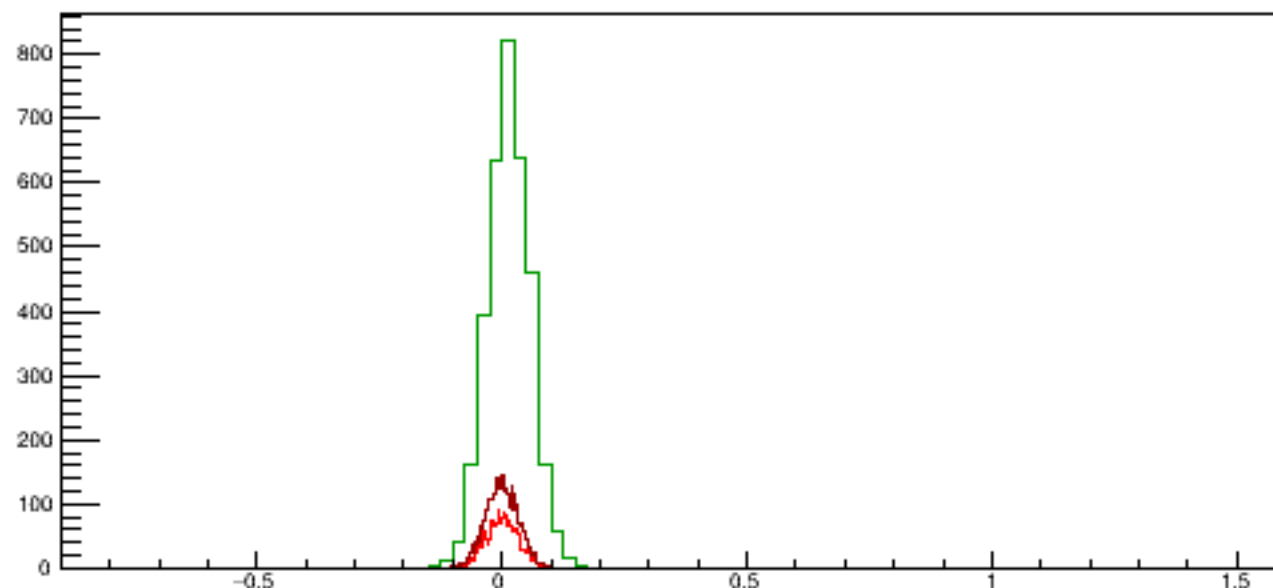
Std Dev: 0.0523 +/- 0.0006

Entries: 4206

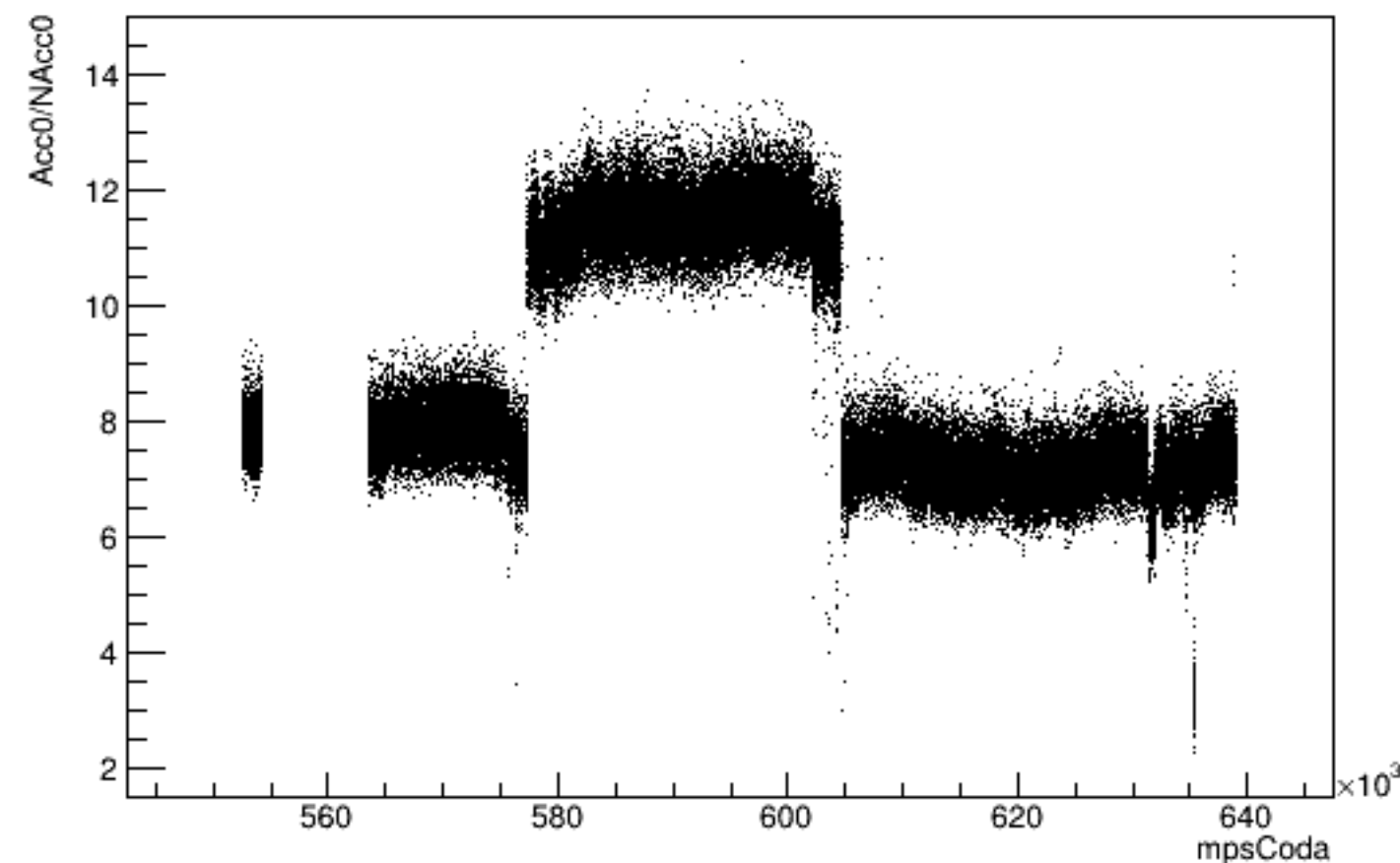
Mean: -0.0005 +/- 0.0005

Std Dev: 0.0339 +/- 0.0004

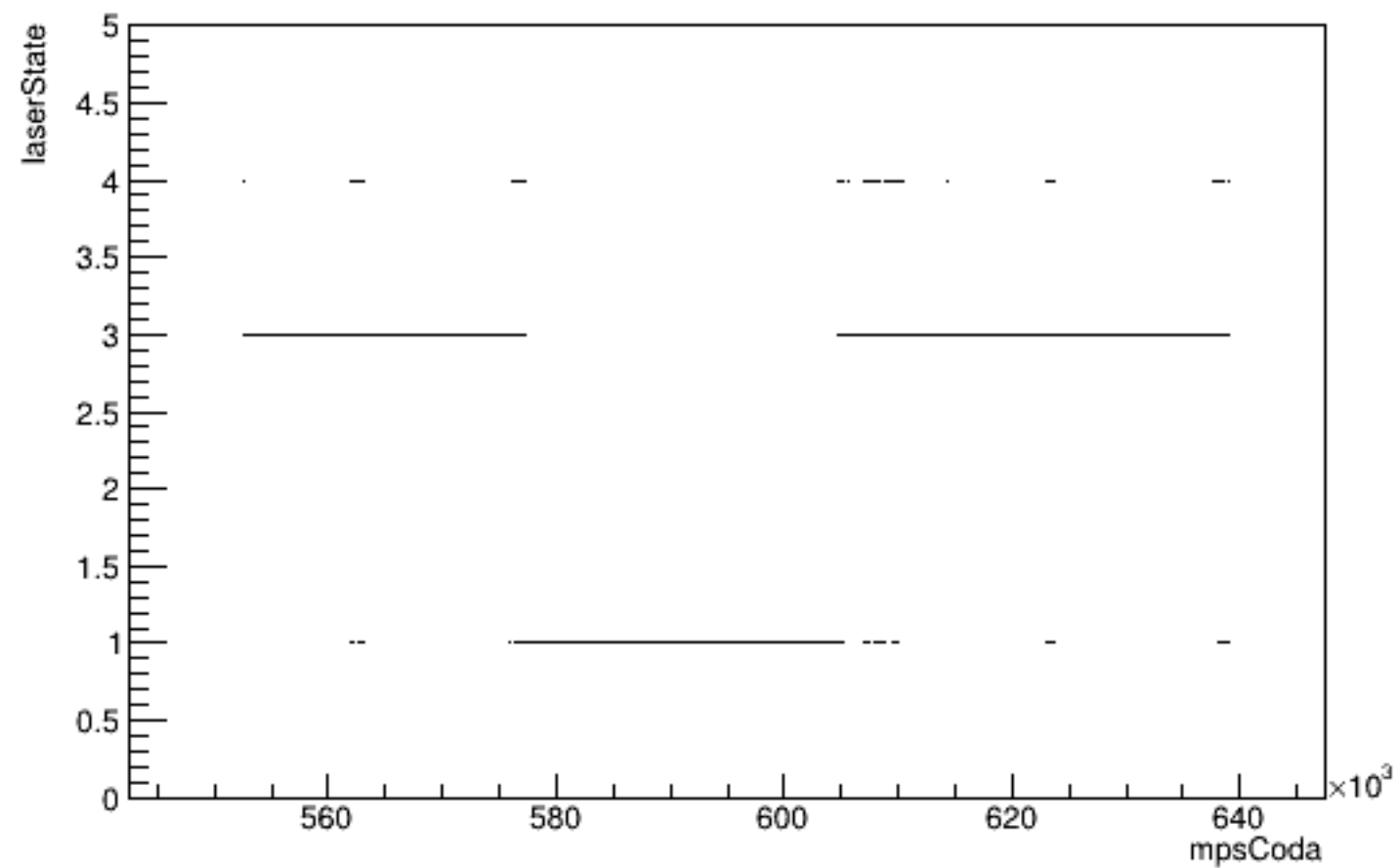
Run 4562 quartetwise, Asyms



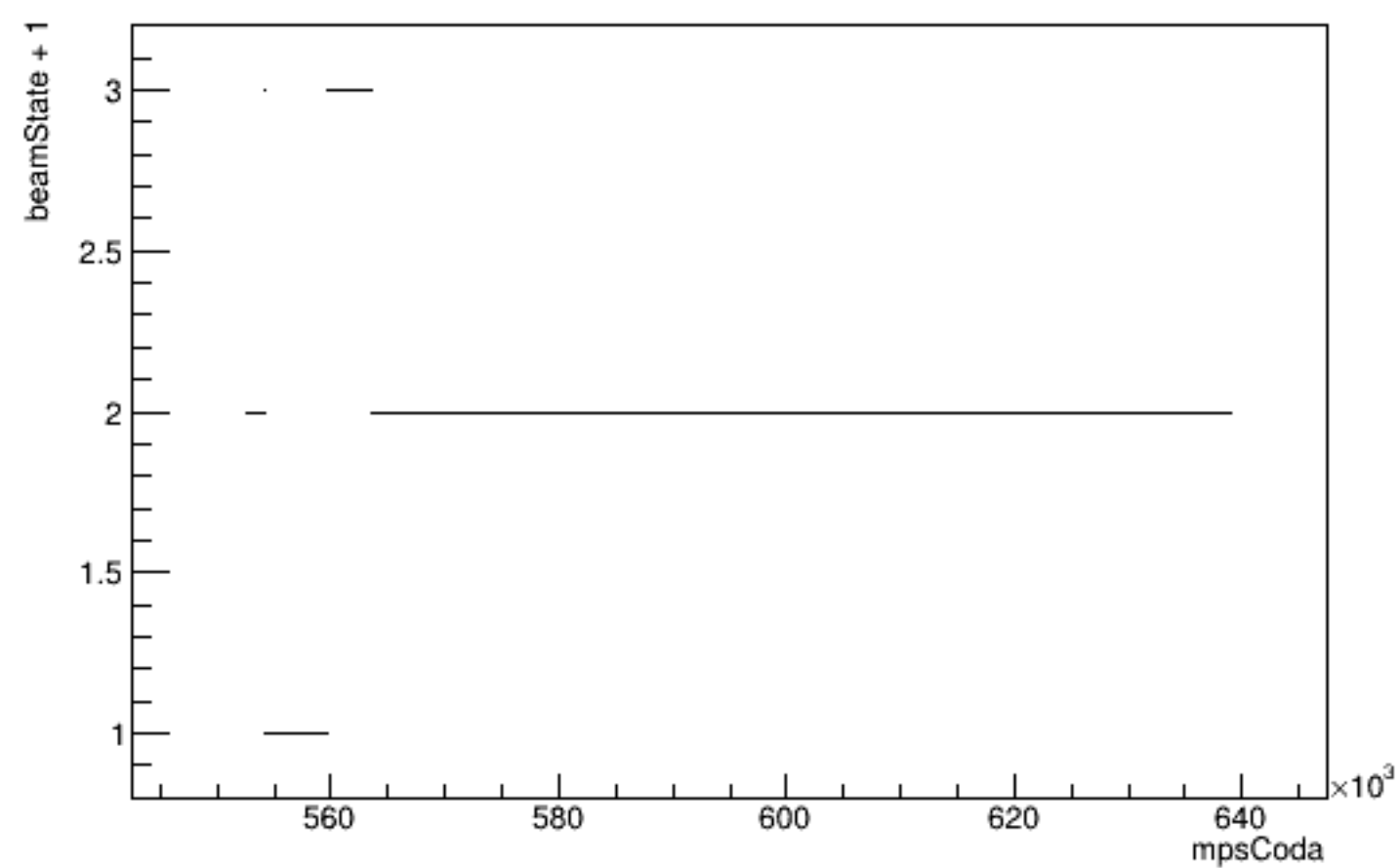
Acc0/NAcc0:mpsCoda (mpsCoda>=552549 && mpsCoda<=638980 && beamState==1)



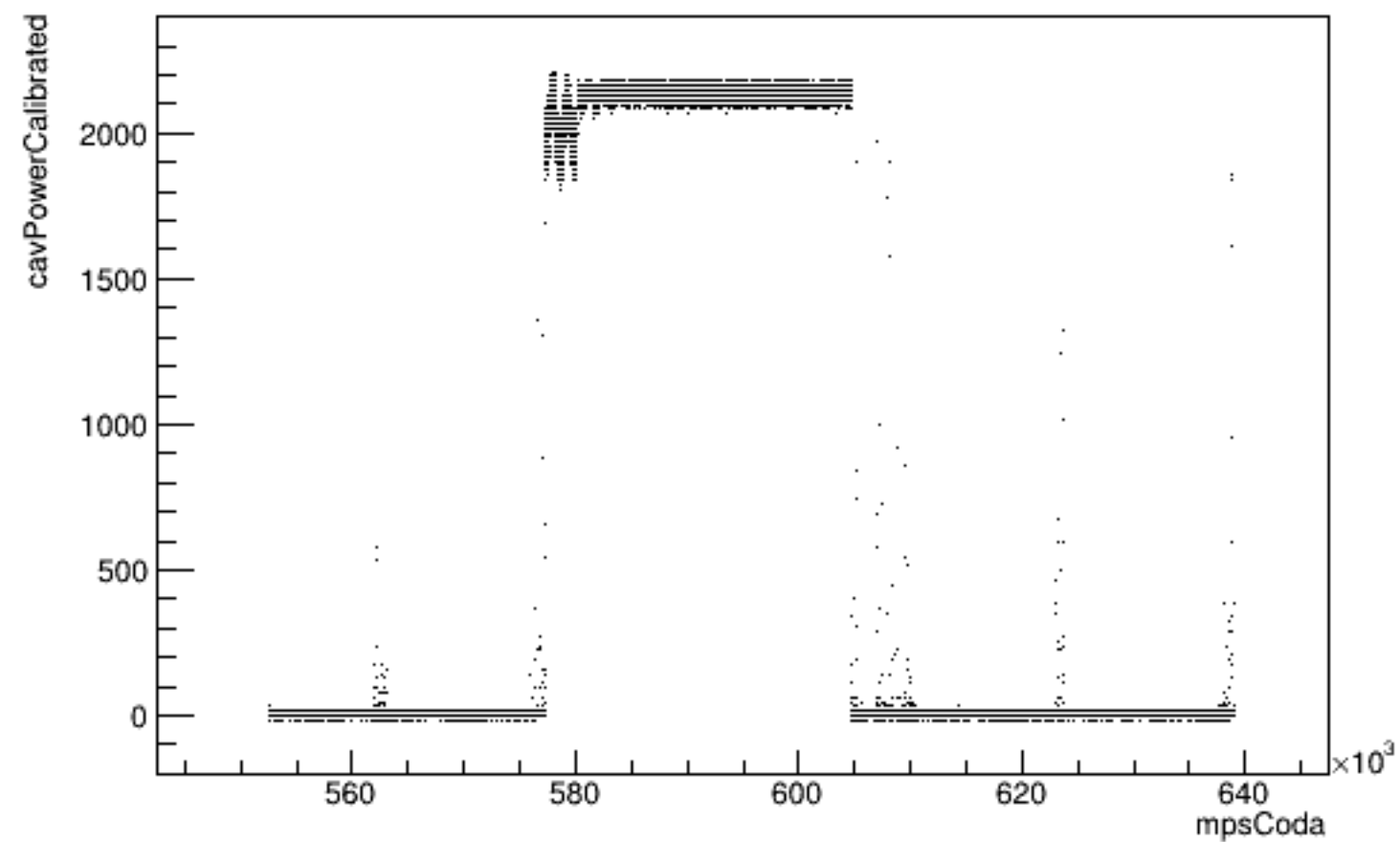
laserState:mpsCoda {mpsCoda>=552549 && mpsCoda<=638980}



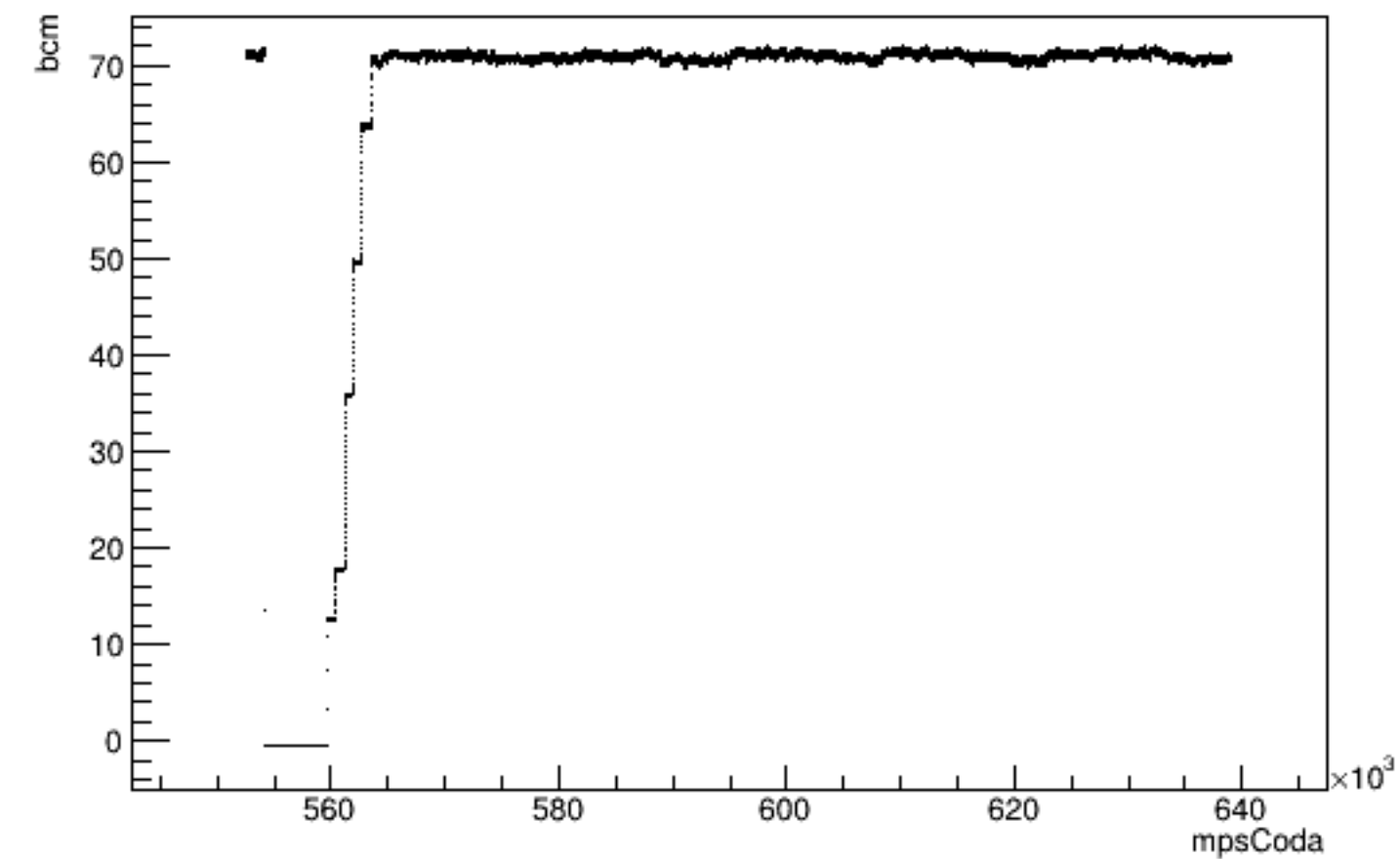
beamState + 1:mpsCoda {mpsCoda>=552549 && mpsCoda<=638980}



cavPowerCalibrated:mpsCoda {mpsCoda>=552549 && mpsCoda<=638980}



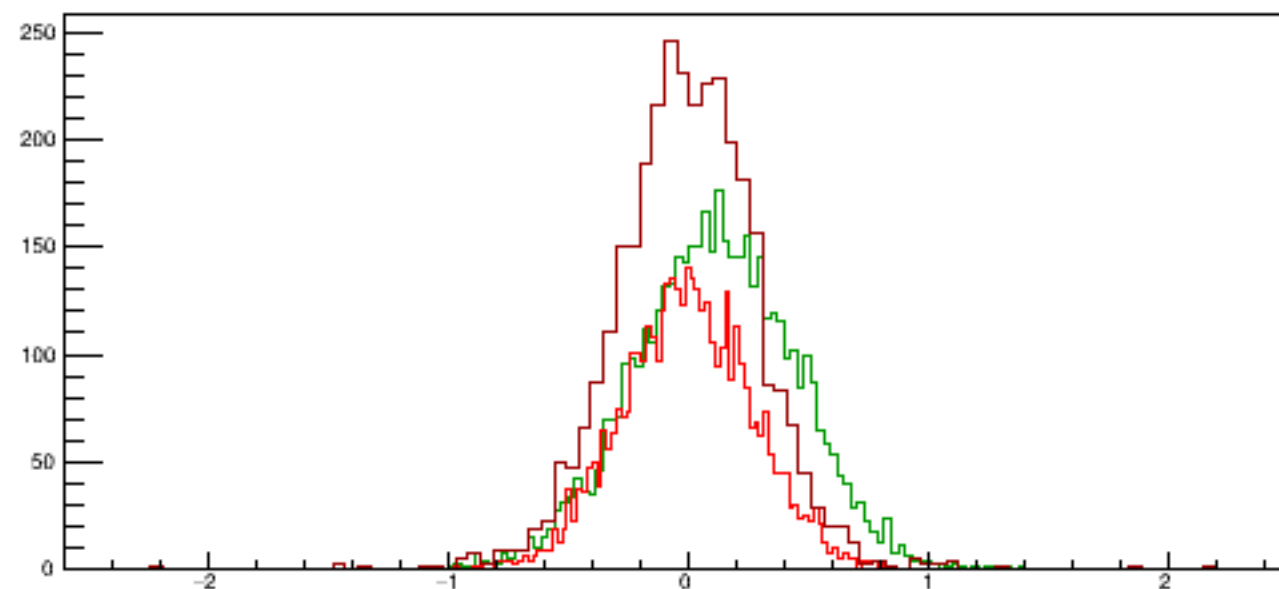
bcm:mpsCoda {mpsCoda>=552549 && mpsCoda<=638980}



Cycle 13, Diffs

Entries: 4206	Entries: 4677	Entries: 3221
Mean: -0.0036 +/- 0.0041	Mean: 0.1074 +/- 0.0048	Mean: -0.0048 +/- 0.0052
Std Dev: 0.2670 +/- 0.0029	Std Dev: 0.3290 +/- 0.0034	Std Dev: 0.2942 +/- 0.0037

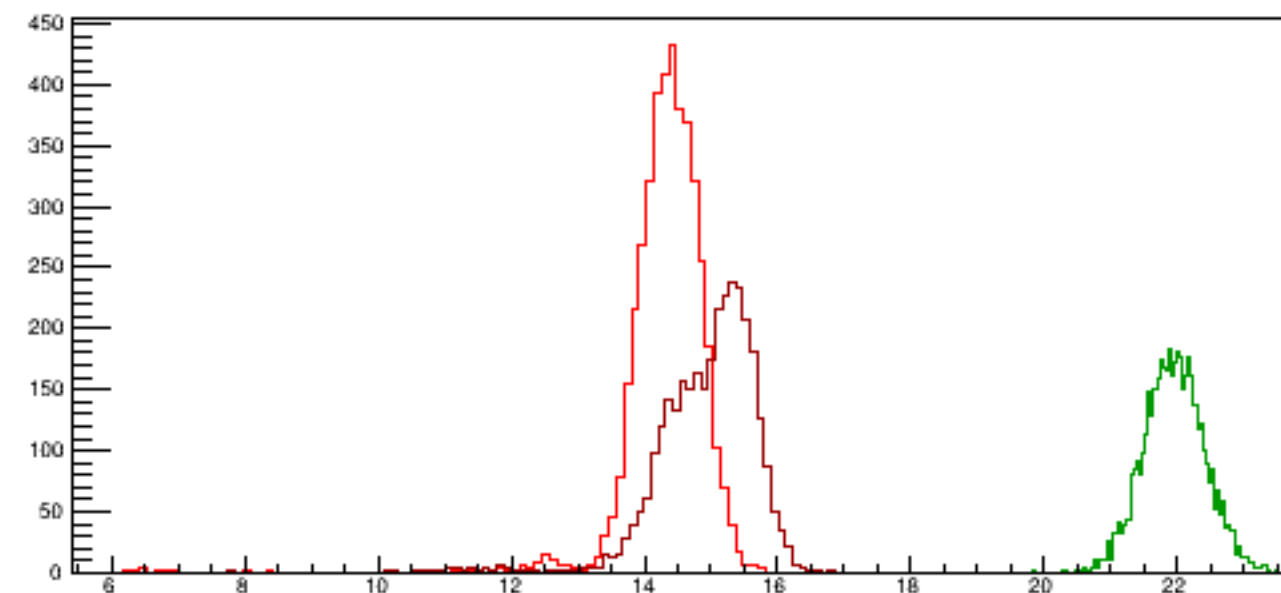
Run 4562 quartetwise, Diffs



Cycle 13, Sums

Entries: 4206	Entries: 4677	Entries: 3221
Mean: 14.3393 +/- 0.0096	Mean: 21.9590 +/- 0.0067	Mean: 14.9406 +/- 0.0131
Std Dev: 0.6216 +/- 0.0068	Std Dev: 0.4561 +/- 0.0047	Std Dev: 0.7446 +/- 0.0093

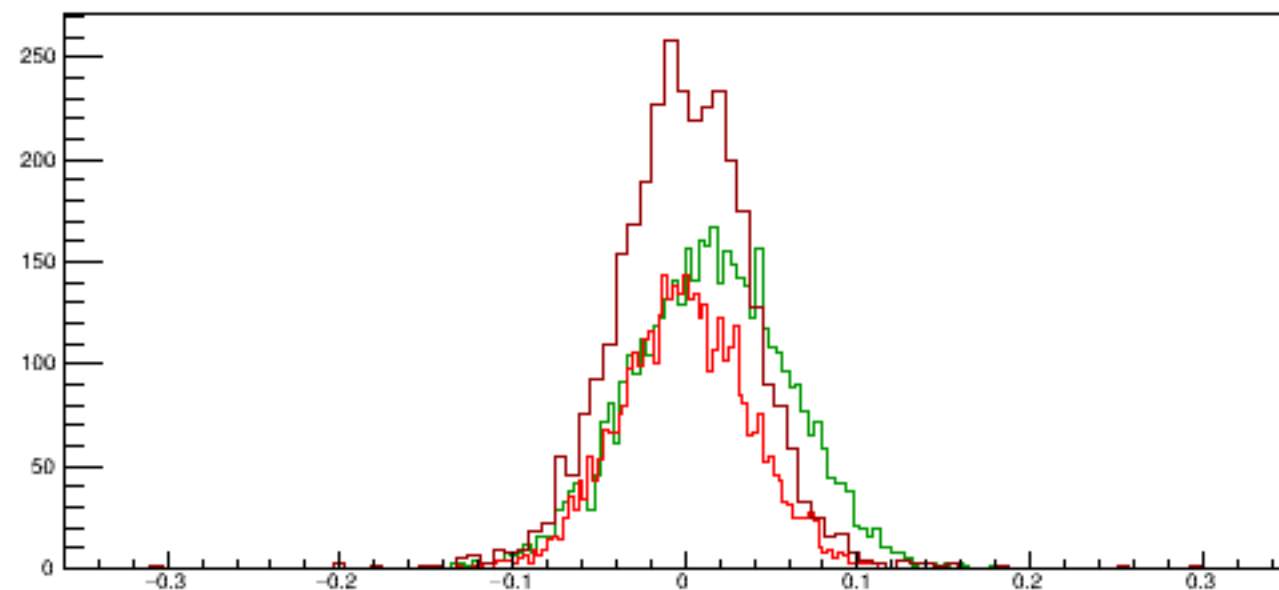
Run 4562 quartetwise, Sums



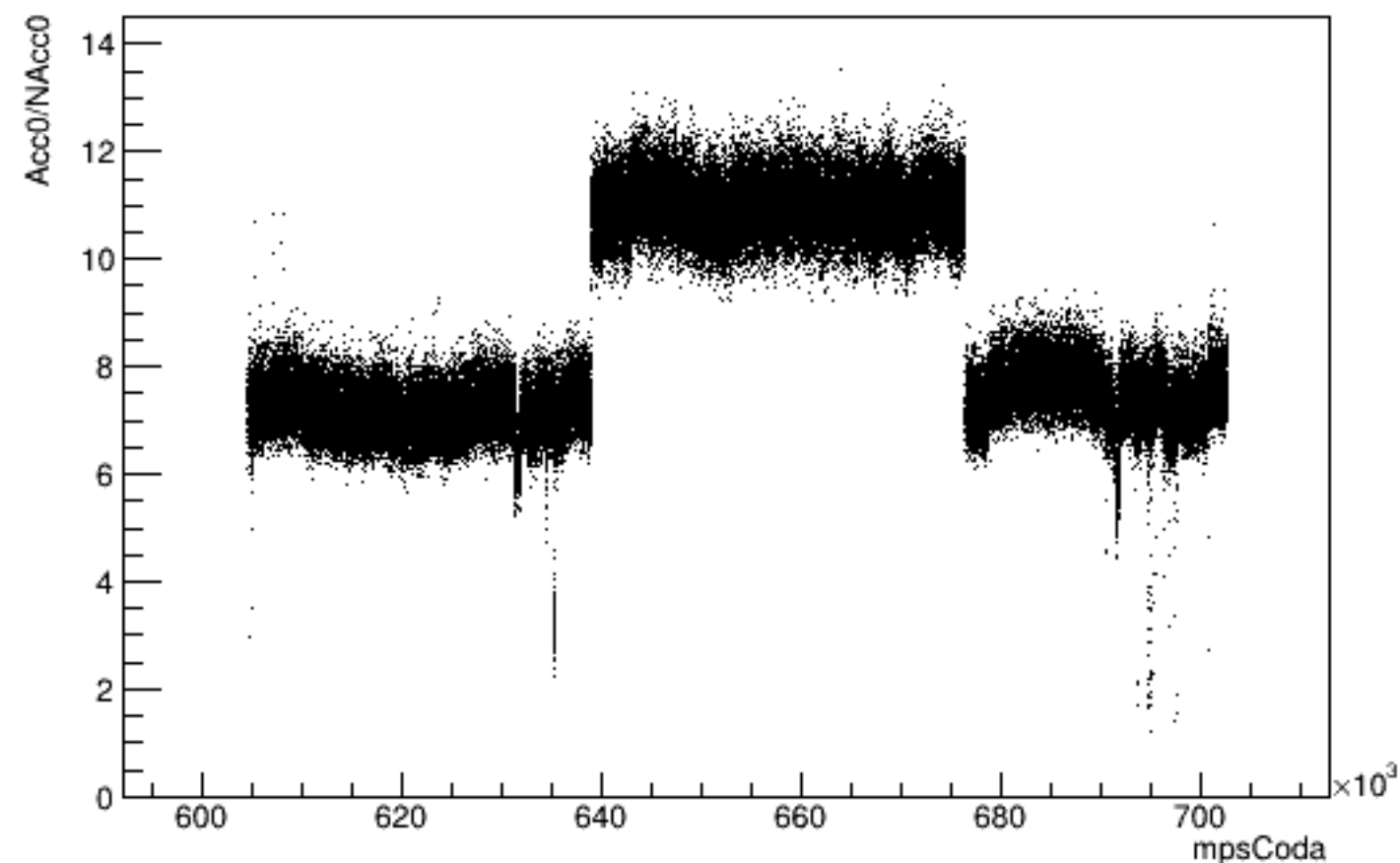
Cycle 13, Asyms

Entries: 4206	Entries: 4677	Entries: 3221
Mean: -0.0005 +/- 0.0006	Mean: 0.0148 +/- 0.0007	Mean: -0.0007 +/- 0.0007
Std Dev: 0.0365 +/- 0.0004	Std Dev: 0.0450 +/- 0.0005	Std Dev: 0.0402 +/- 0.0005

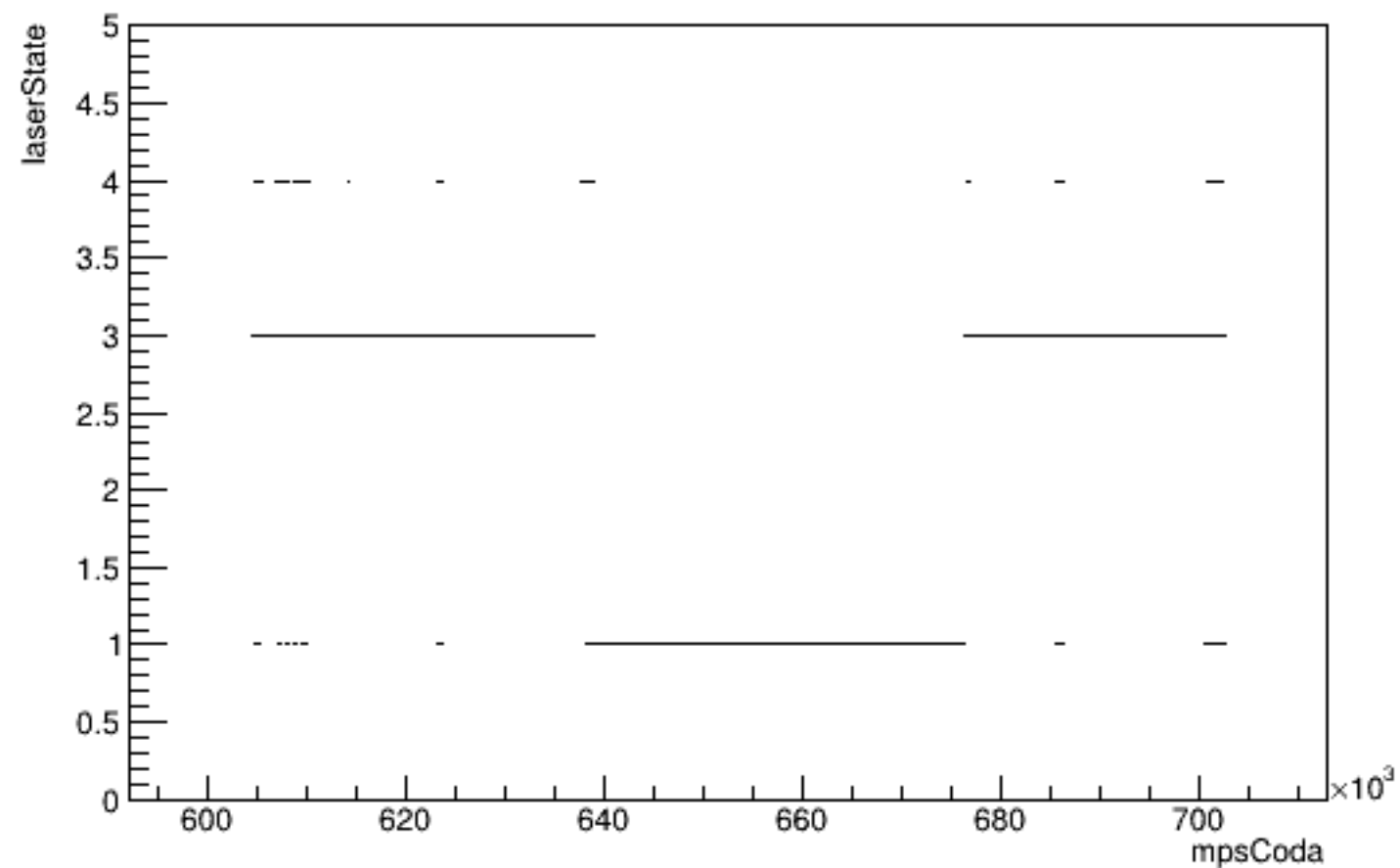
Run 4562 quartetwise, Asyms



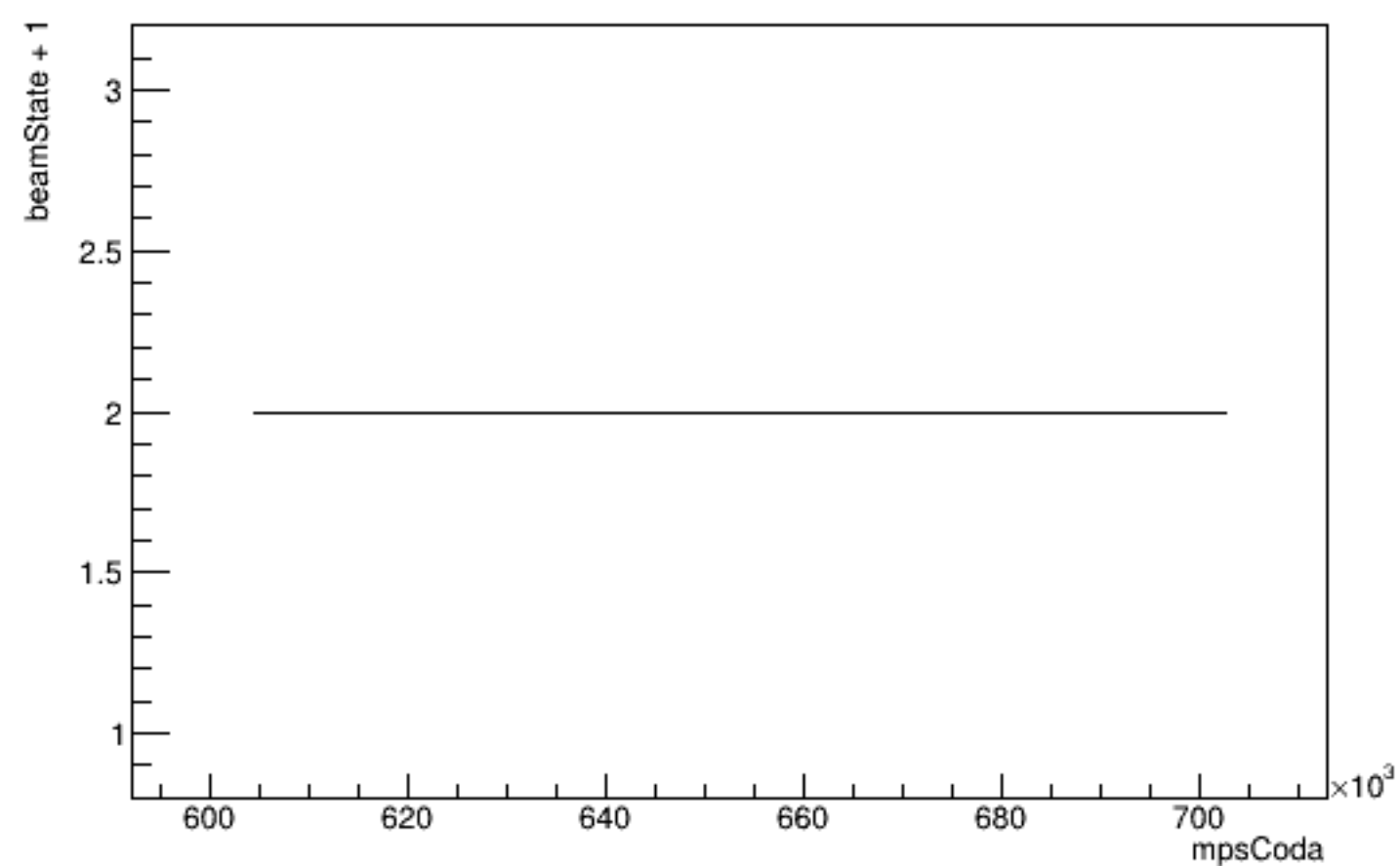
Acc0/NAcc0:mpsCoda (mpsCoda>=604621 && mpsCoda<=702580 && beamState==1)



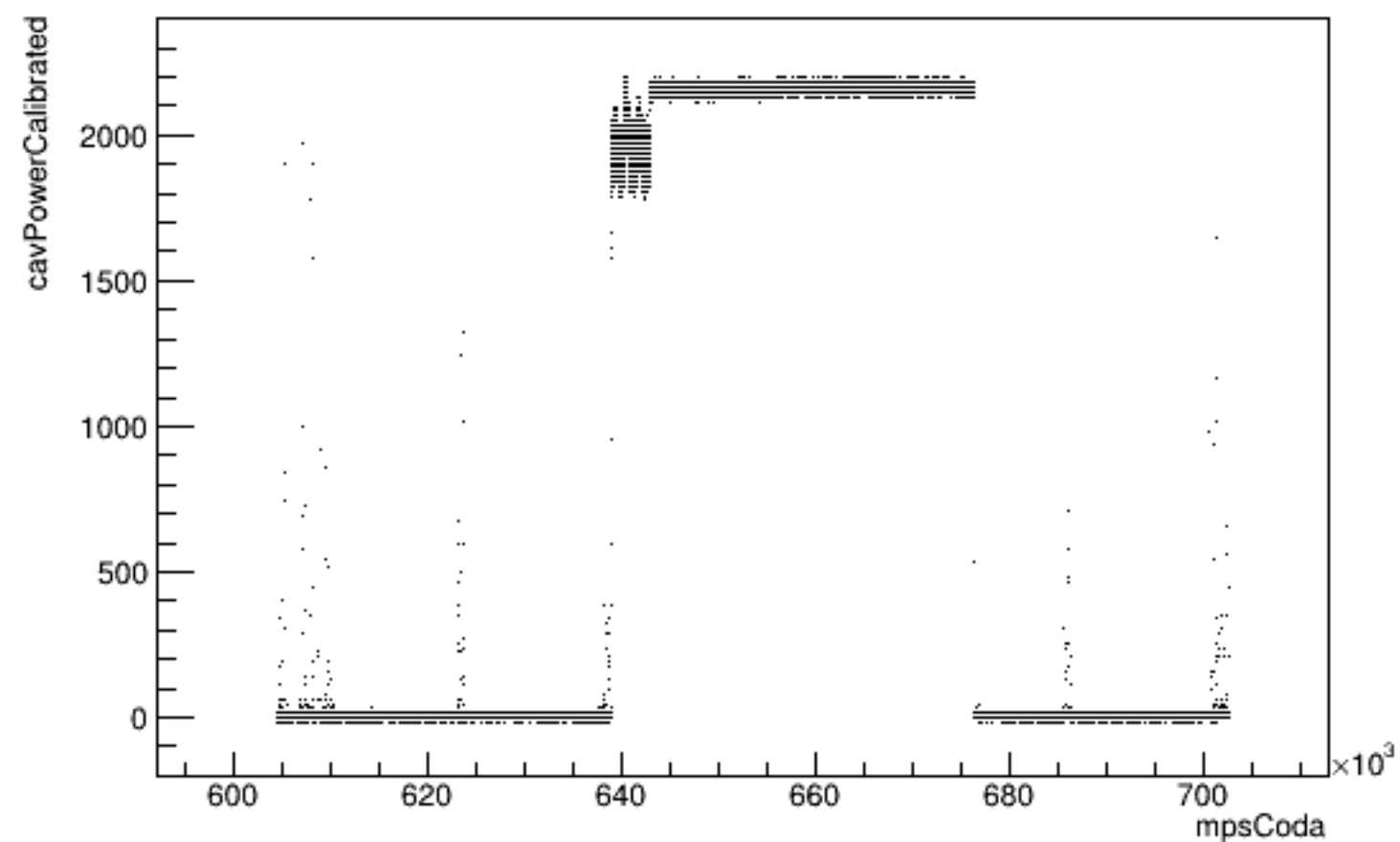
laserState:mpsCoda {mpsCoda>=604621 && mpsCoda<=702580}



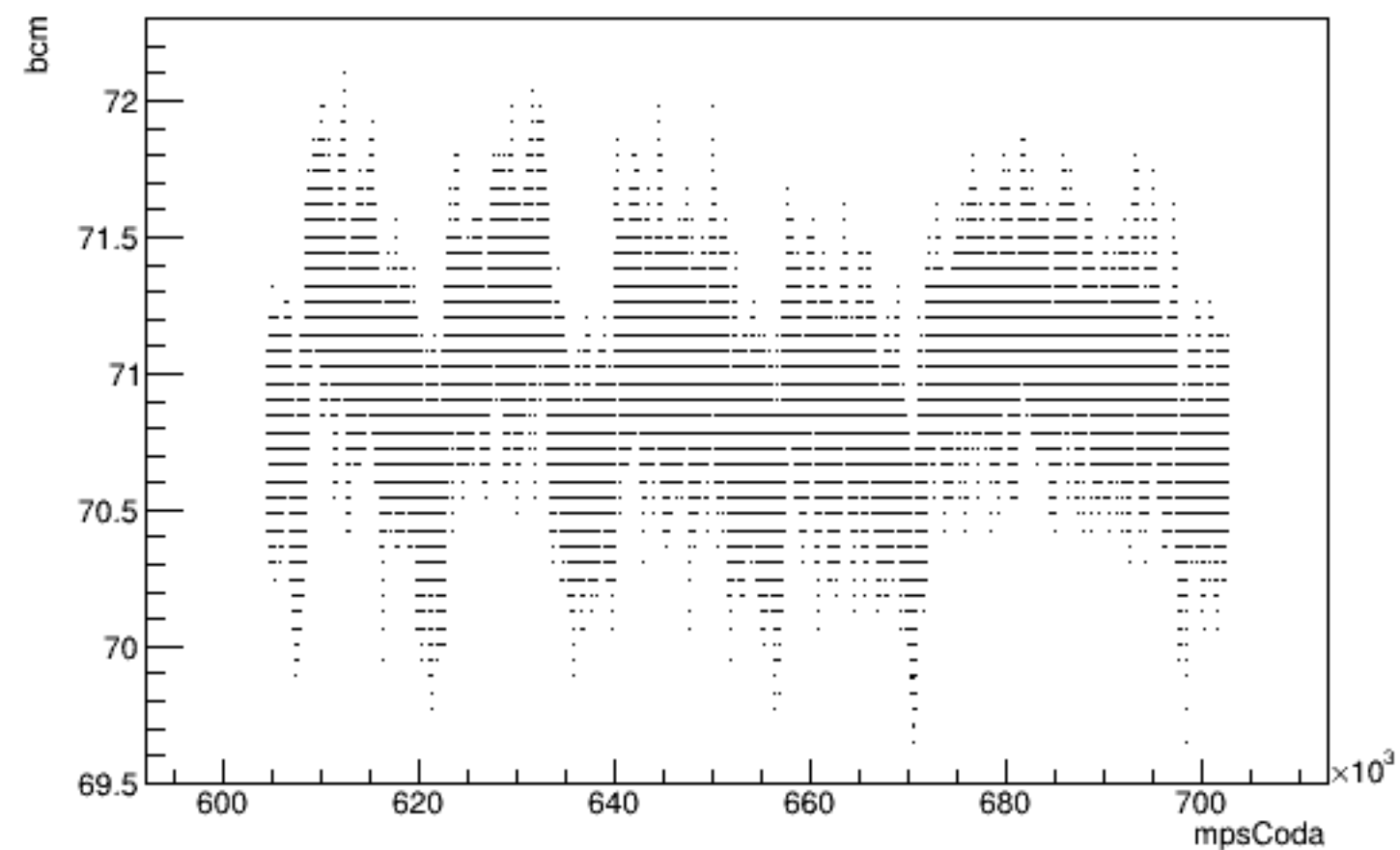
beamState + 1:mpsCoda {mpsCoda>=604621 && mpsCoda<=702580}



cavPowerCalibrated:mpsCoda {mpsCoda>=604621 && mpsCoda<=702580}



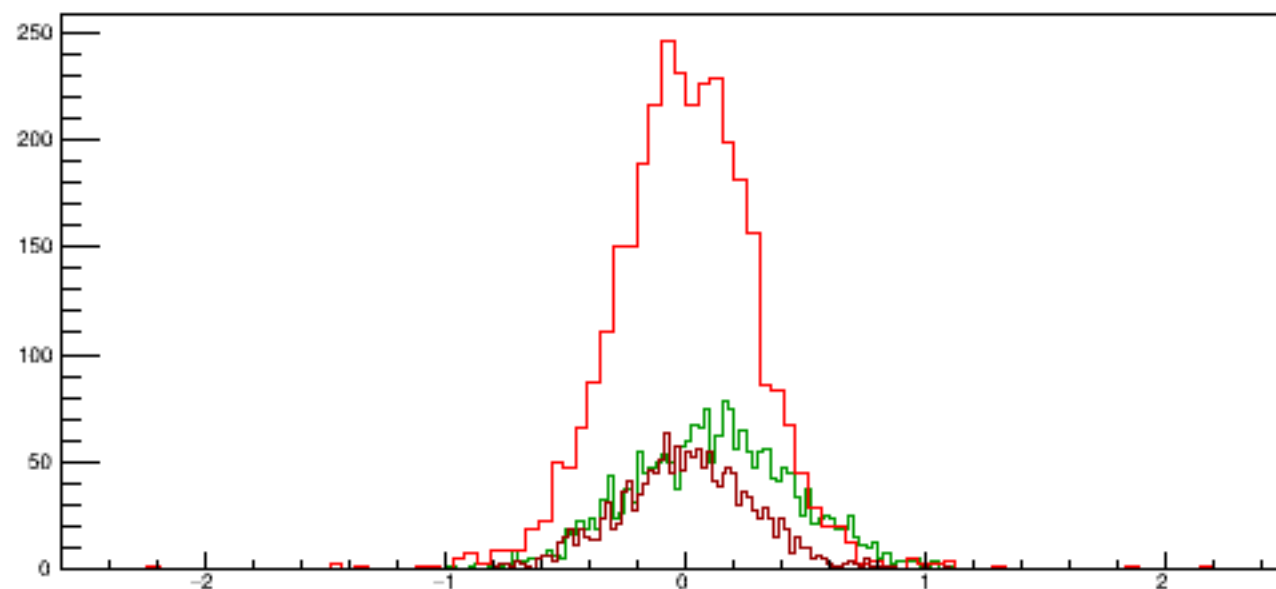
bcm:mpsCoda {mpsCoda>=604621 && mpsCoda<=702580}



Cycle 14, Diffs

Entries: 3221	Entries: 2138	Entries: 1596
Mean: -0.0048 +/- 0.0052	Mean: 0.1121 +/- 0.0072	Mean: 0.0047 +/- 0.0068
Std Dev: 0.2942 +/- 0.0037	Std Dev: 0.3348 +/- 0.0051	Std Dev: 0.2734 +/- 0.0048

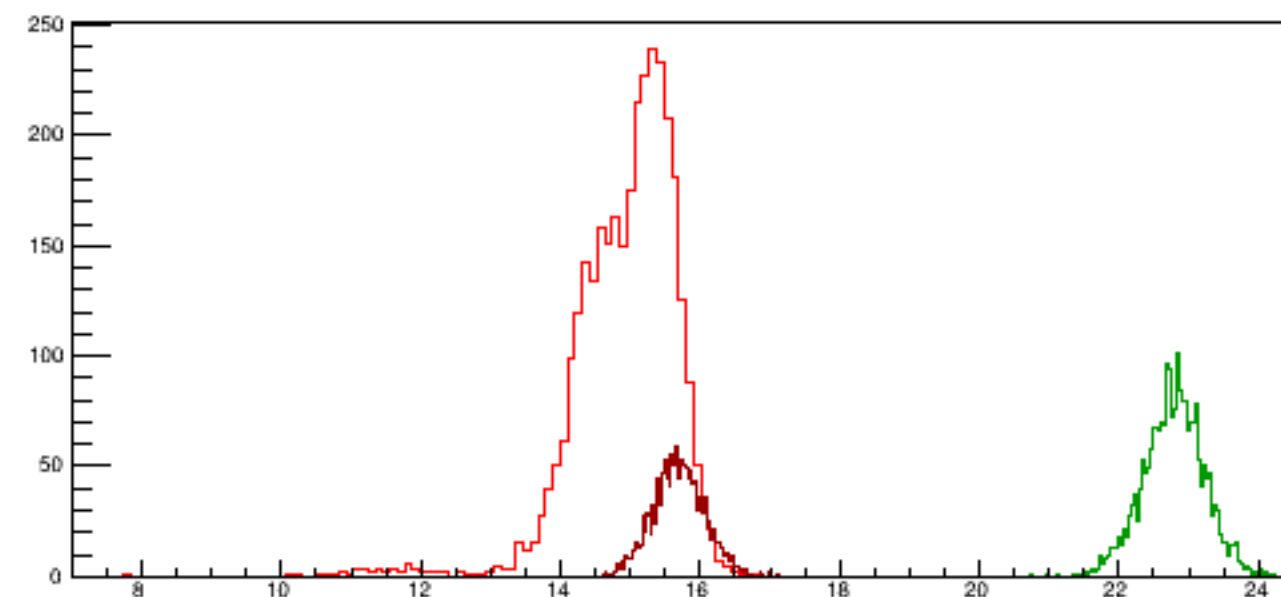
Run 4562 quartetwise, Diffs



Cycle 14, Sums

Entries: 3221	Entries: 2138	Entries: 1596
Mean: 14.9406 +/- 0.0131	Mean: 22.7831 +/- 0.0094	Mean: 15.6977 +/- 0.0095
Std Dev: 0.7446 +/- 0.0093	Std Dev: 0.4349 +/- 0.0067	Std Dev: 0.3791 +/- 0.0067

Run 4562 quartetwise, Sums

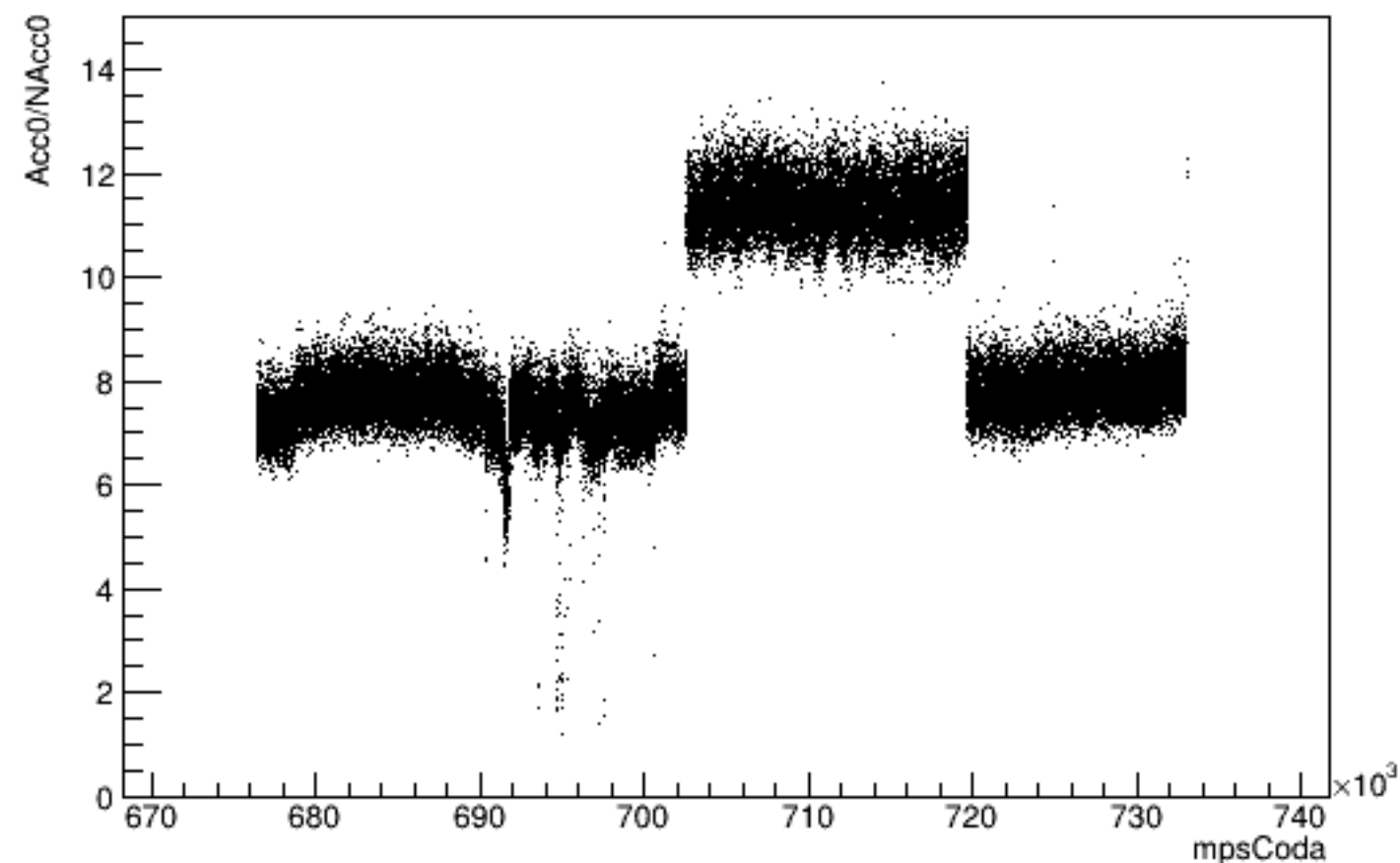
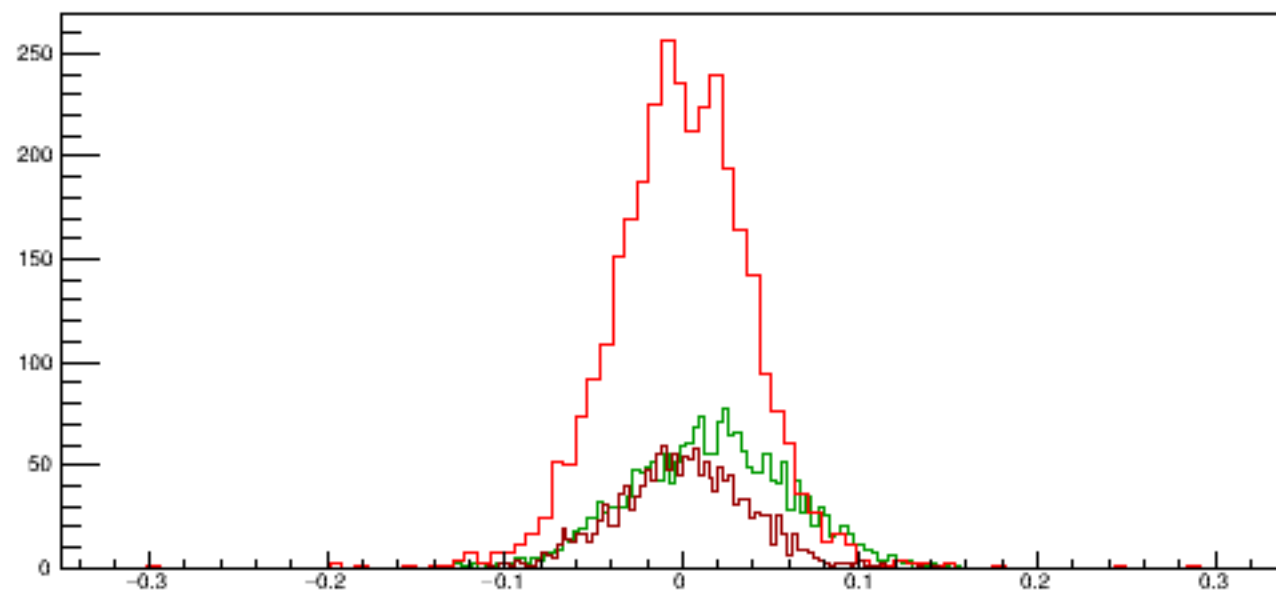


Acc0/NAcc0:mpsCoda (mpsCoda>=676405 && mpsCoda<=733012 && beamState==1)

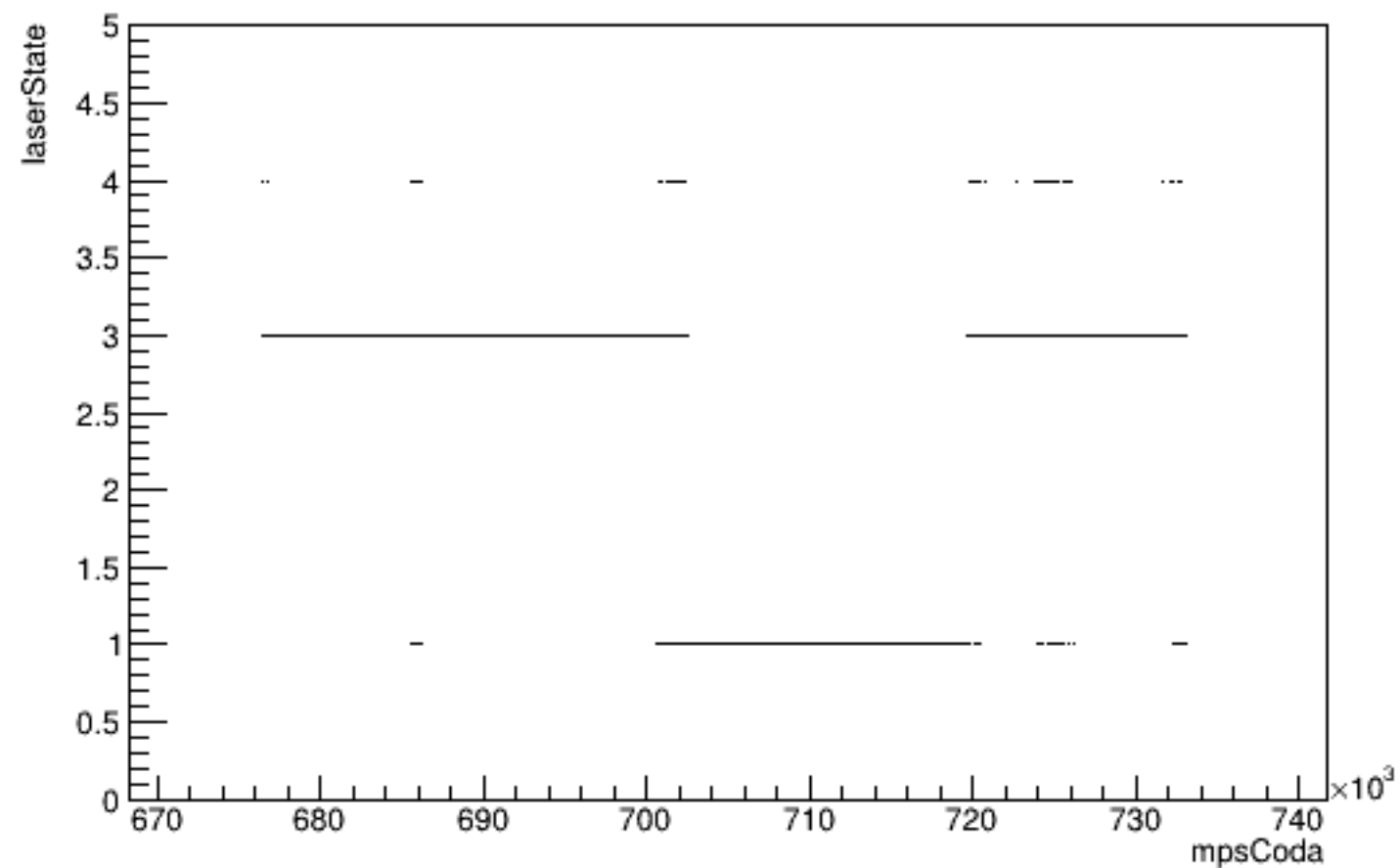
Cycle 14, Asyms

Entries: 3221	Entries: 2138	Entries: 1596
Mean: -0.0006 +/- 0.0007	Mean: 0.0150 +/- 0.0010	Mean: 0.0006 +/- 0.0009
Std Dev: 0.0394 +/- 0.0005	Std Dev: 0.0449 +/- 0.0007	Std Dev: 0.0366 +/- 0.0006

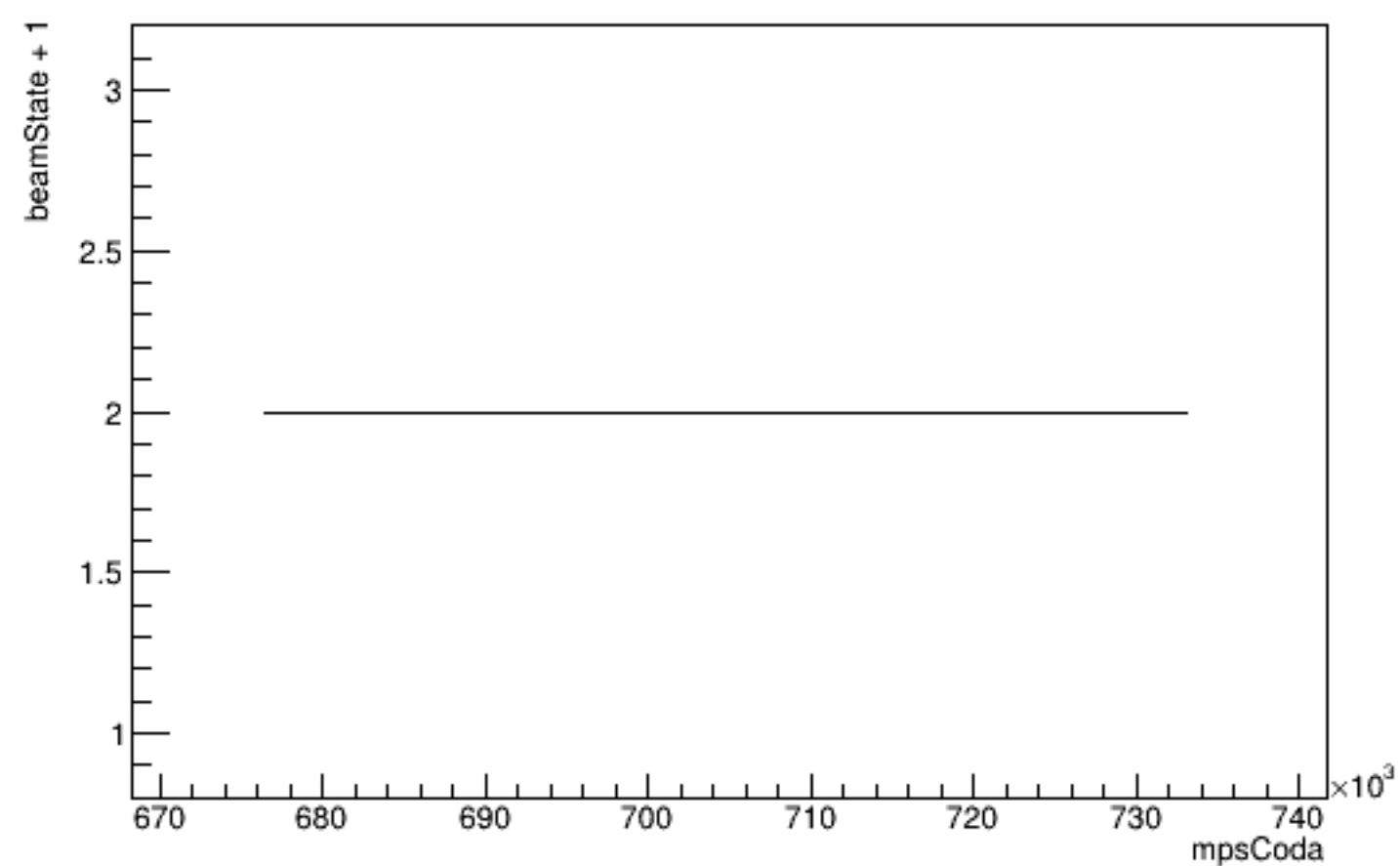
Run 4562 quartetwise, Asyms



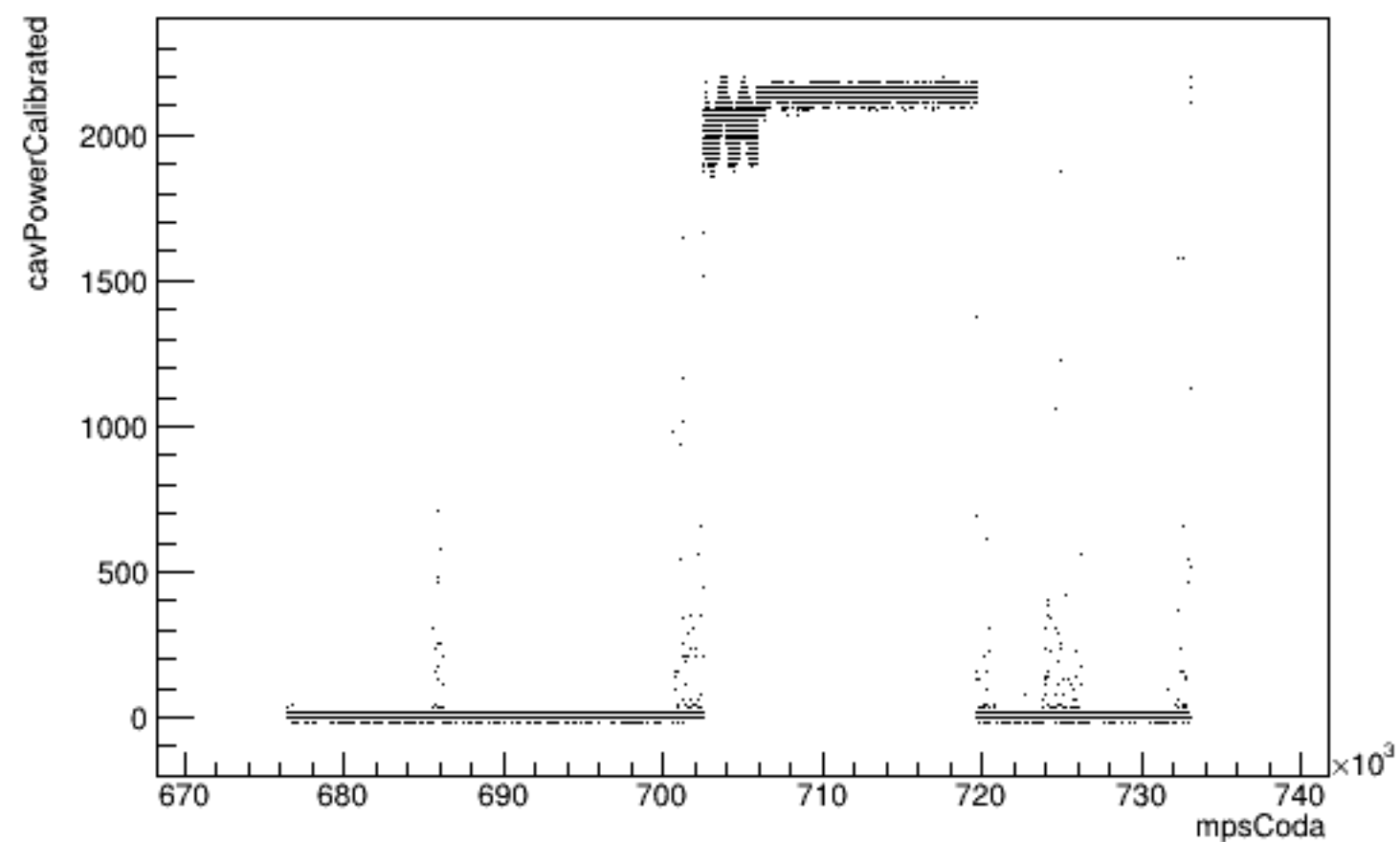
laserState:mpsCoda {mpsCoda>=676405 && mpsCoda<=733012}



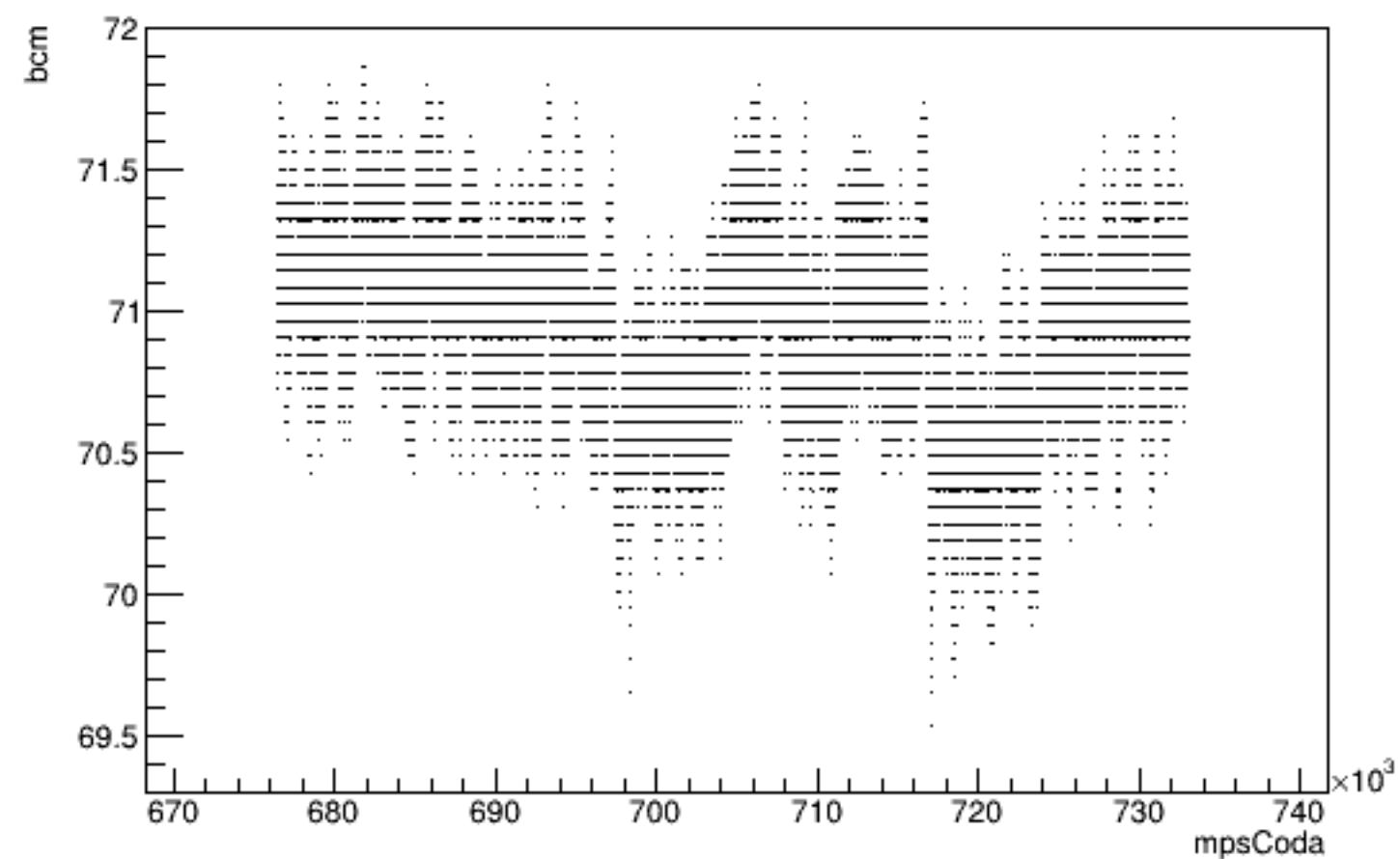
beamState + 1:mpsCoda {mpsCoda>=676405 && mpsCoda<=733012}



cavPowerCalibrated:mpsCoda {mpsCoda>=676405 && mpsCoda<=733012}



bcm:mpsCoda {mpsCoda>=676405 && mpsCoda<=733012}



Cycle 15, Diffs

Entries: 1596

Mean: 0.0047 +/- 0.0068

Std Dev: 0.2734 +/- 0.0048

Entries: 814

Mean: 0.1068 +/- 0.0115

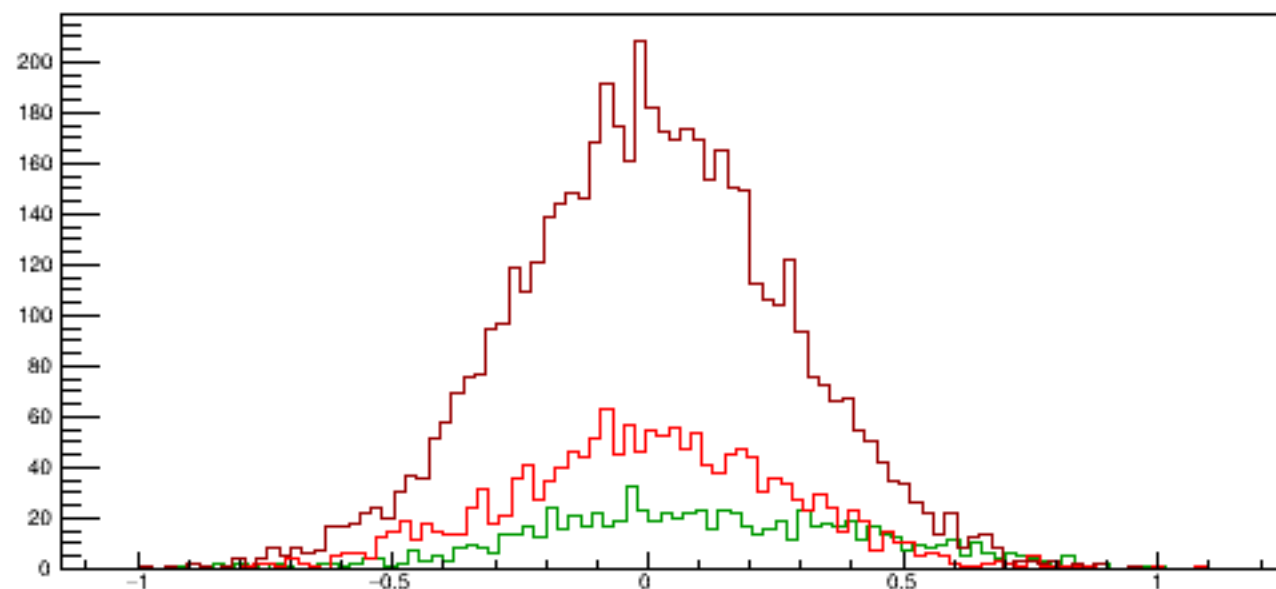
Std Dev: 0.3272 +/- 0.0081

Entries: 5278

Mean: 0.0013 +/- 0.0037

Std Dev: 0.2663 +/- 0.0026

Run 4562 quartetwise, Diffs



Cycle 15, Sums

Entries: 1596

Mean: 15.6977 +/- 0.0095

Std Dev: 0.3791 +/- 0.0067

Entries: 814

Mean: 23.6180 +/- 0.0130

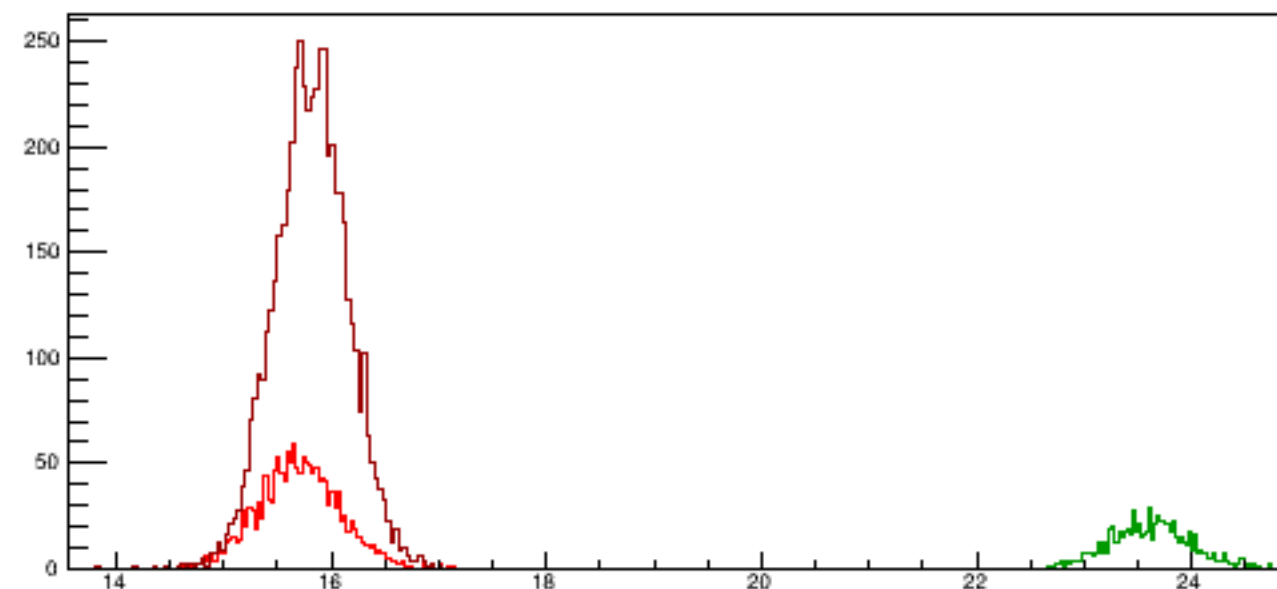
Std Dev: 0.3718 +/- 0.0092

Entries: 5278

Mean: 15.8100 +/- 0.0047

Std Dev: 0.3391 +/- 0.0033

Run 4562 quartetwise, Sums



Cycle 15, Asyms

Entries: 1596

Mean: 0.0006 +/- 0.0009

Std Dev: 0.0348 +/- 0.0006

Entries: 814

Mean: 0.0136 +/- 0.0015

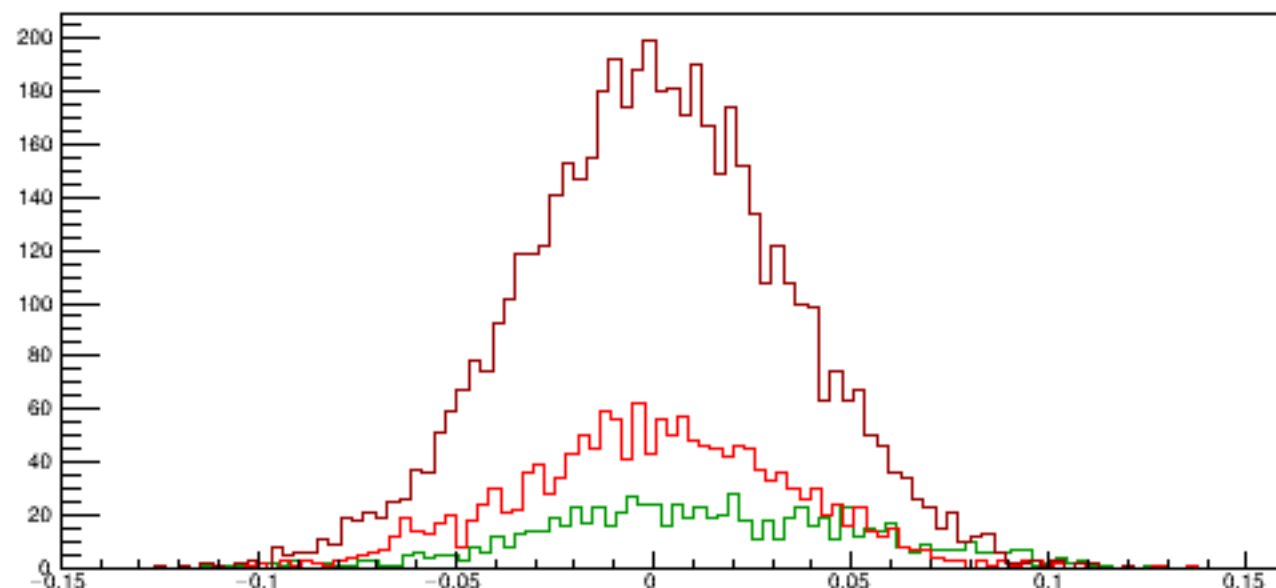
Std Dev: 0.0417 +/- 0.0010

Entries: 5278

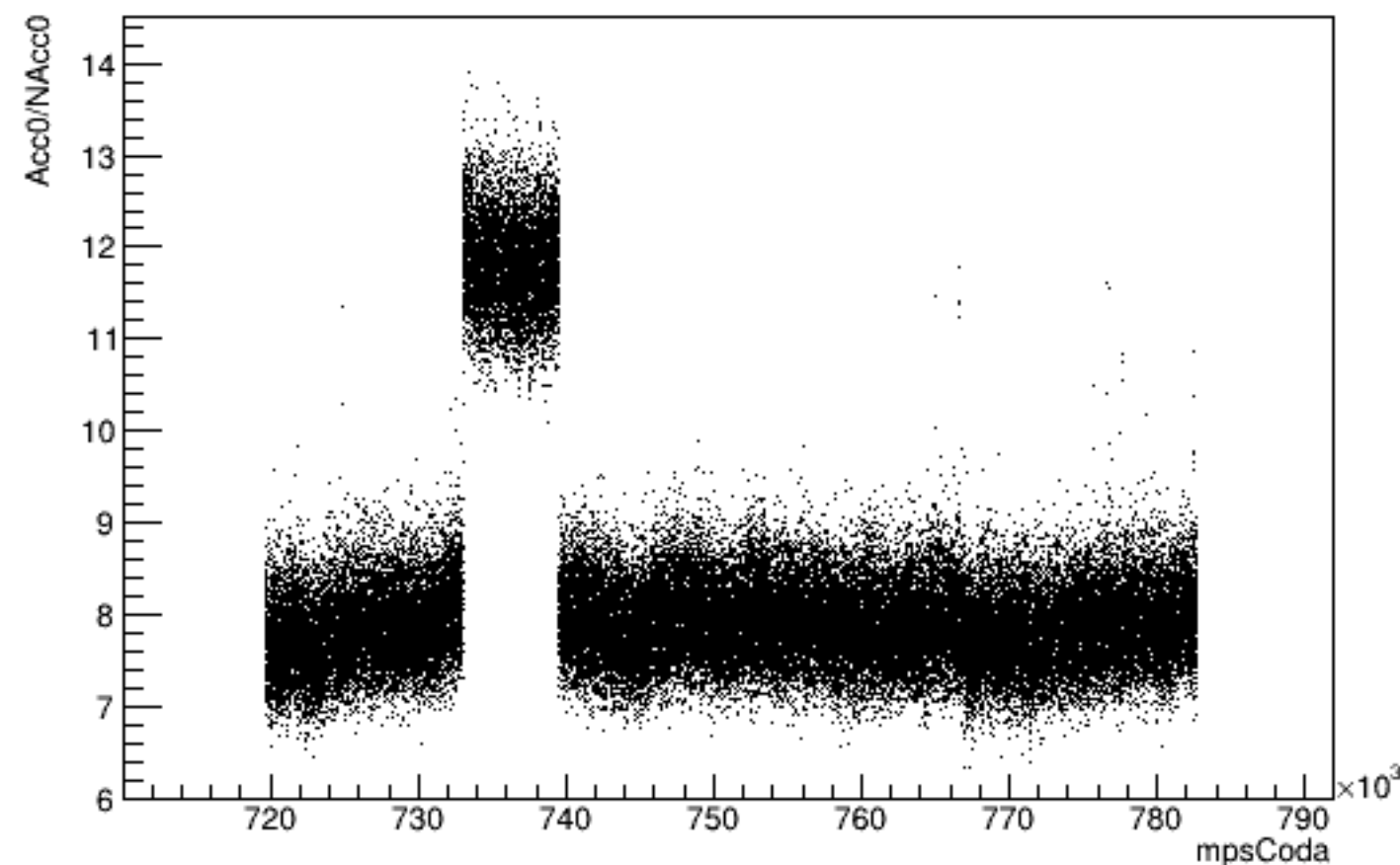
Mean: 0.0002 +/- 0.0005

Std Dev: 0.0339 +/- 0.0003

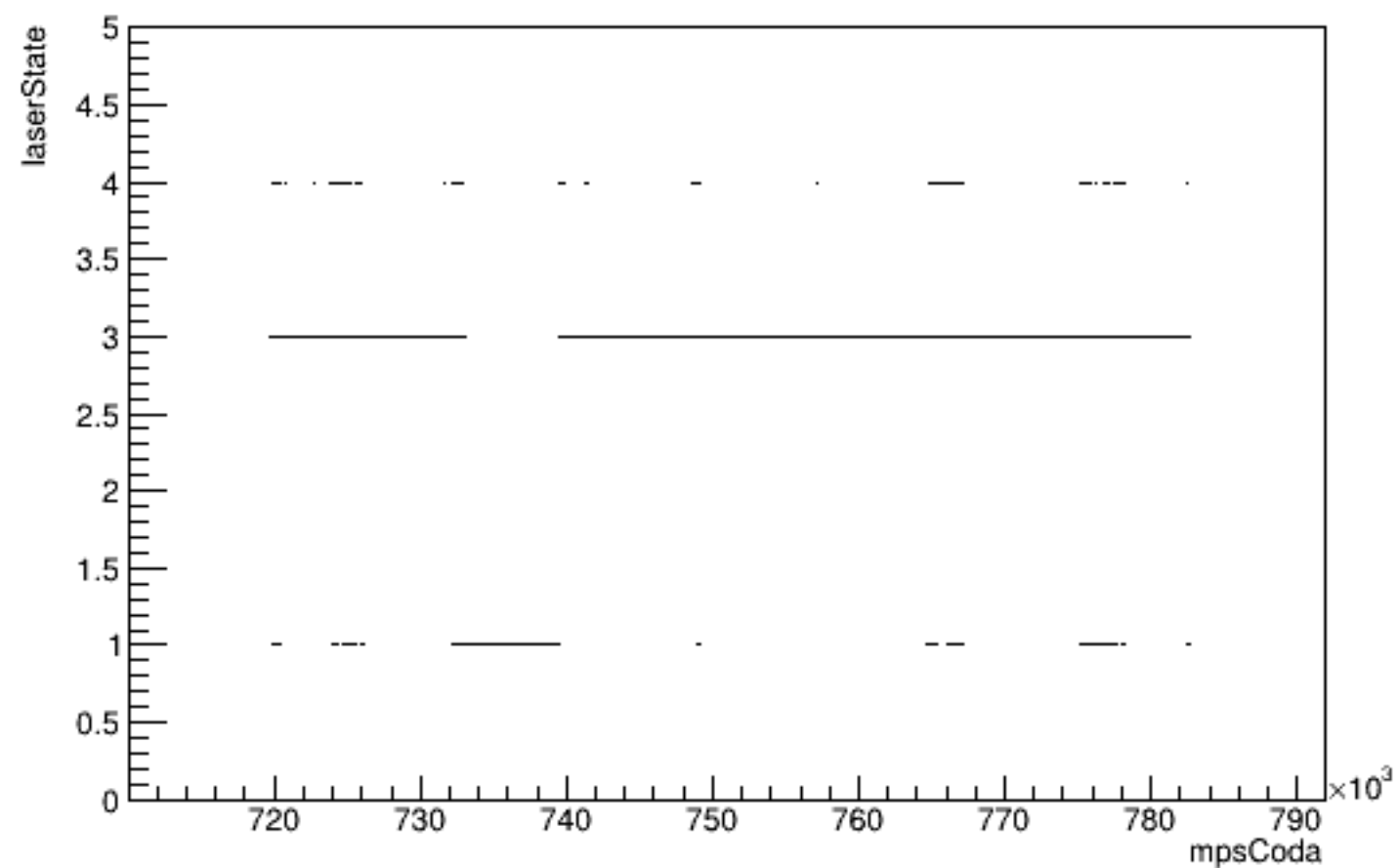
Run 4562 quartetwise, Asyms



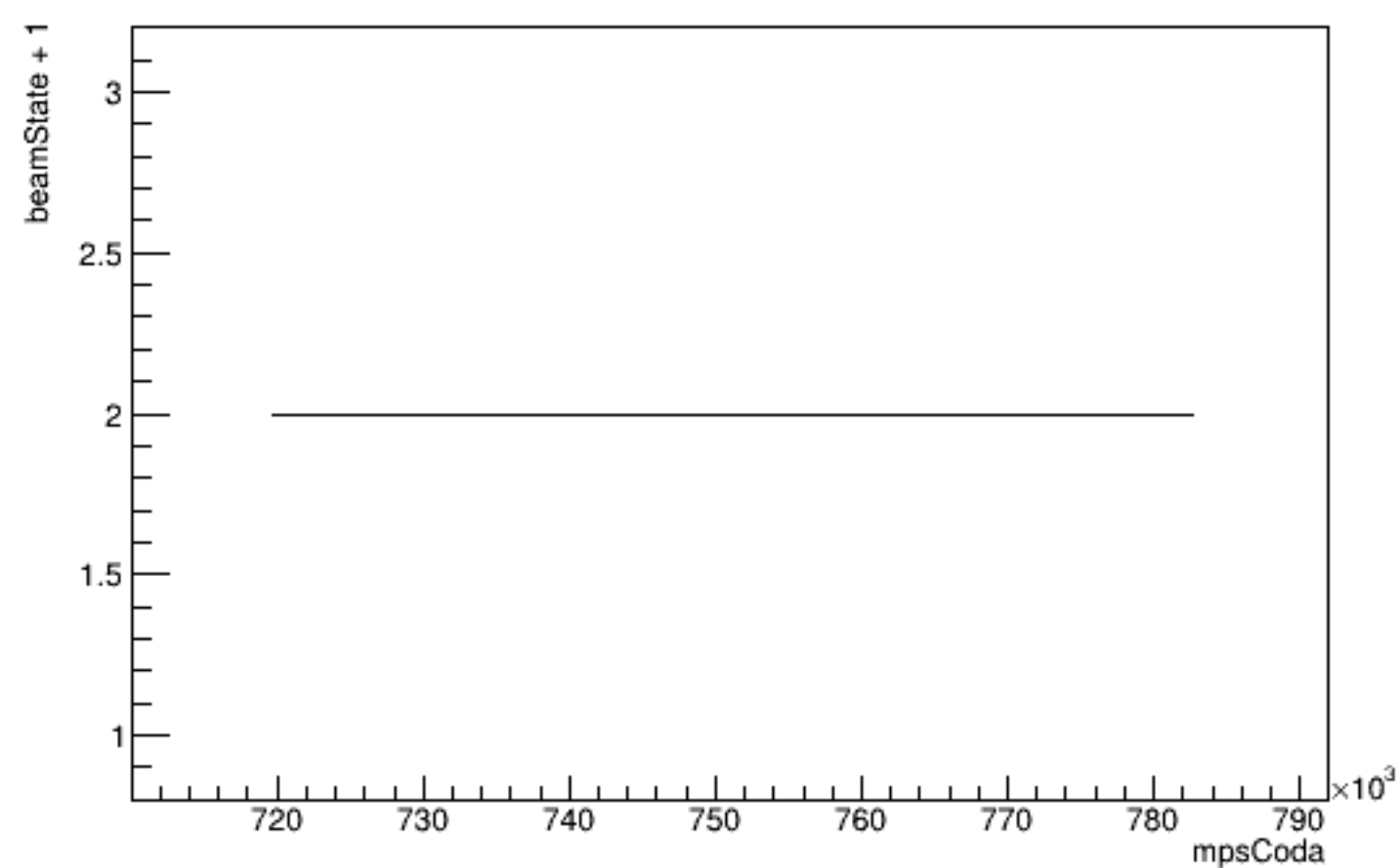
Acc0/NAcc0:mpsCoda (mpsCoda>=719693 && mpsCoda<=782700 && beamState==1)



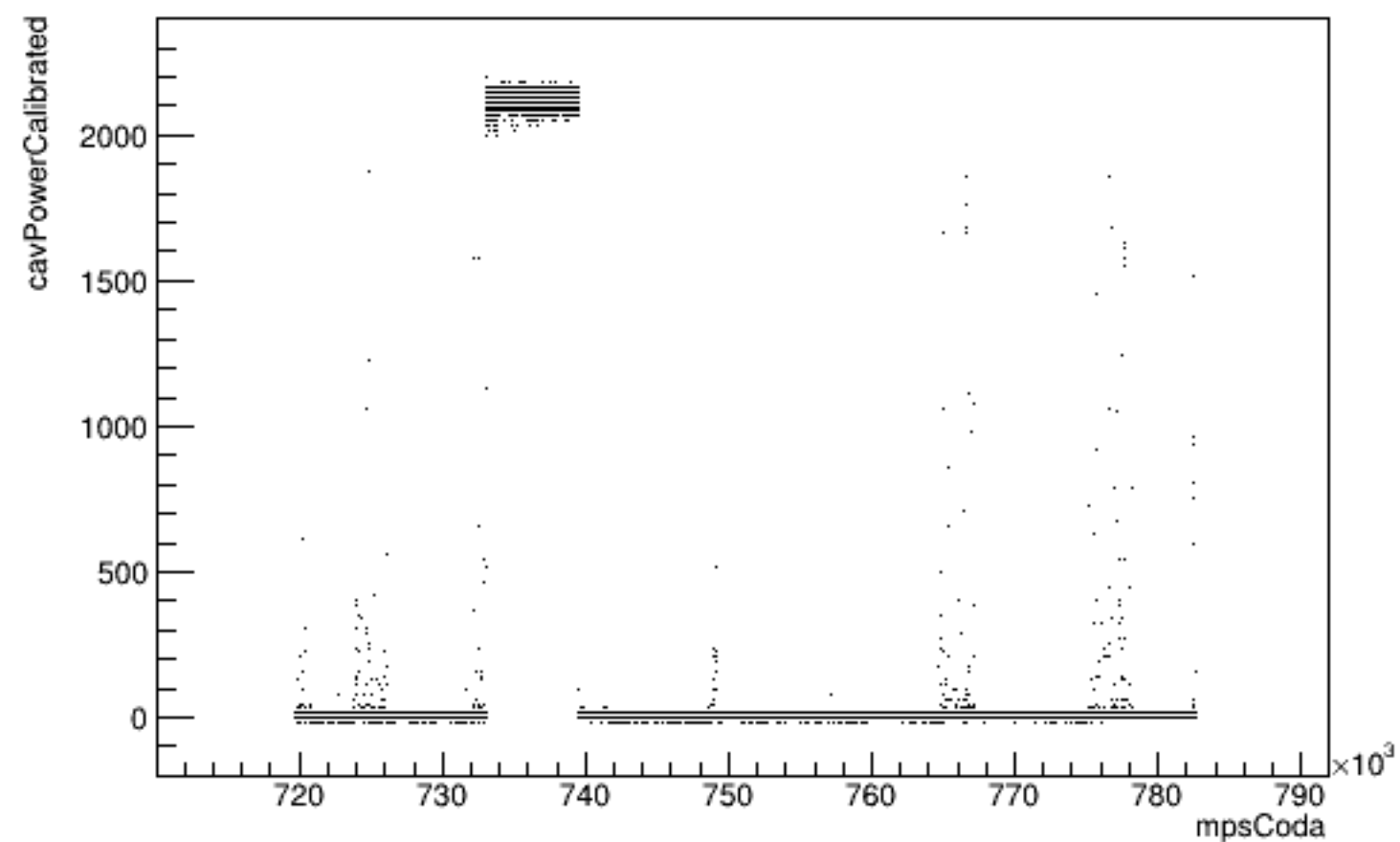
laserState:mpsCoda {mpsCoda>=719693 && mpsCoda<=782700}



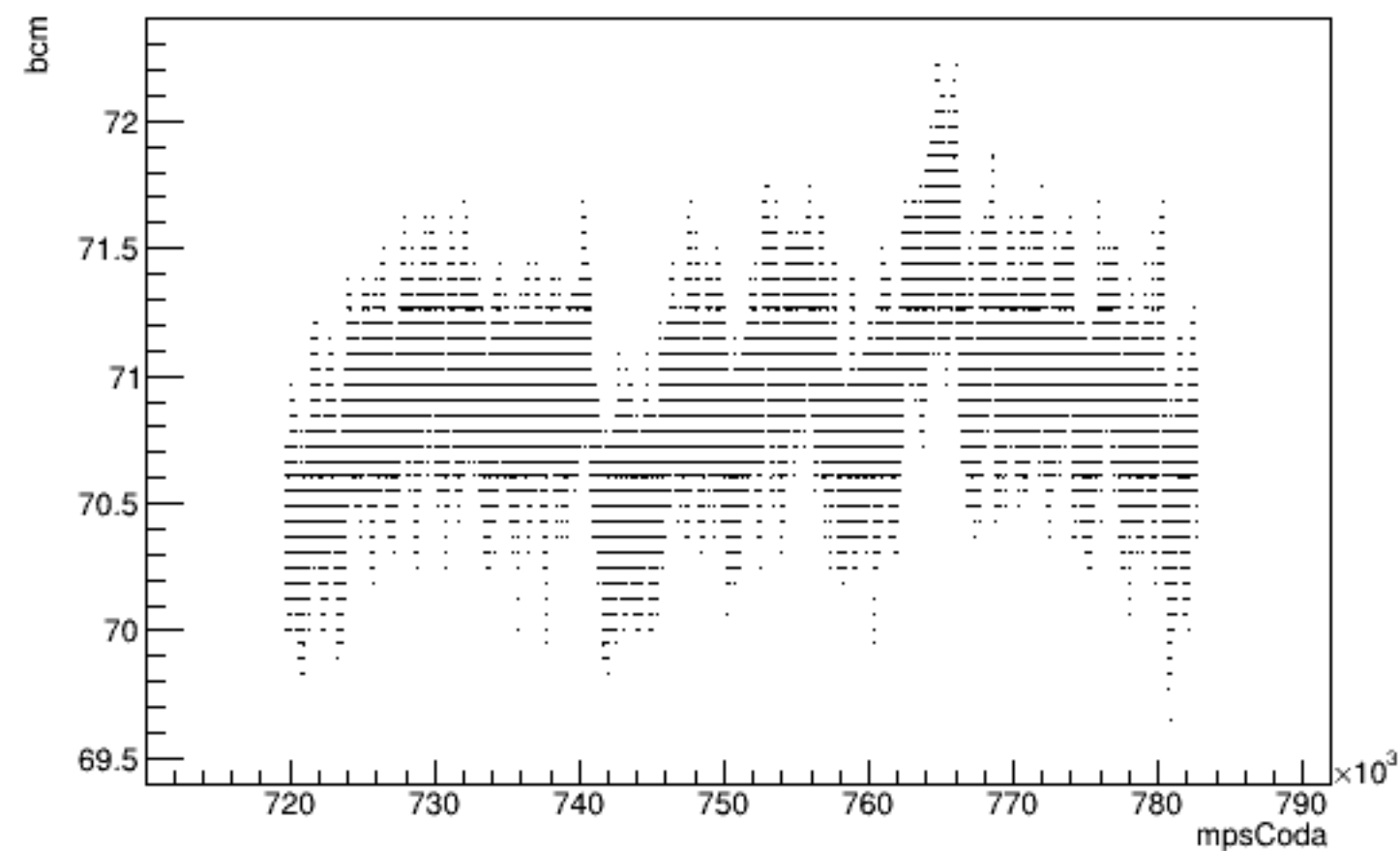
beamState + 1:mpsCoda {mpsCoda>=719693 && mpsCoda<=782700}



cavPowerCalibrated:mpsCoda {mpsCoda>=719693 && mpsCoda<=782700}



bcm:mpsCoda {mpsCoda>=719693 && mpsCoda<=782700}



Cycle 16, Diffs

Entries: 5152

Mean: -0.0028 +/- 0.0037

Std Dev: 0.2633 +/- 0.0026

Entries: 1388

Mean: 0.1029 +/- 0.0090

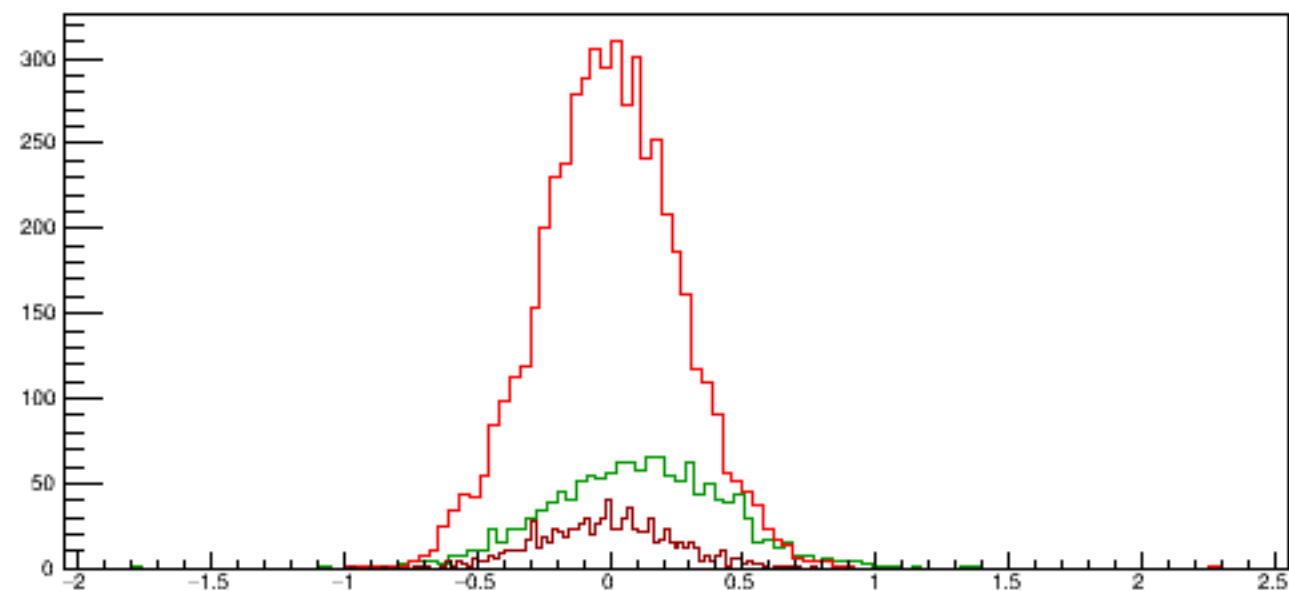
Std Dev: 0.3365 +/- 0.0064

Entries: 898

Mean: -0.0151 +/- 0.0087

Std Dev: 0.2608 +/- 0.0062

Run 4562 quartetwise, Diffs



Cycle 16, Sums

Entries: 5152

Mean: 15.2604 +/- 0.0079

Std Dev: 0.5670 +/- 0.0056

Entries: 1388

Mean: 22.9527 +/- 0.0131

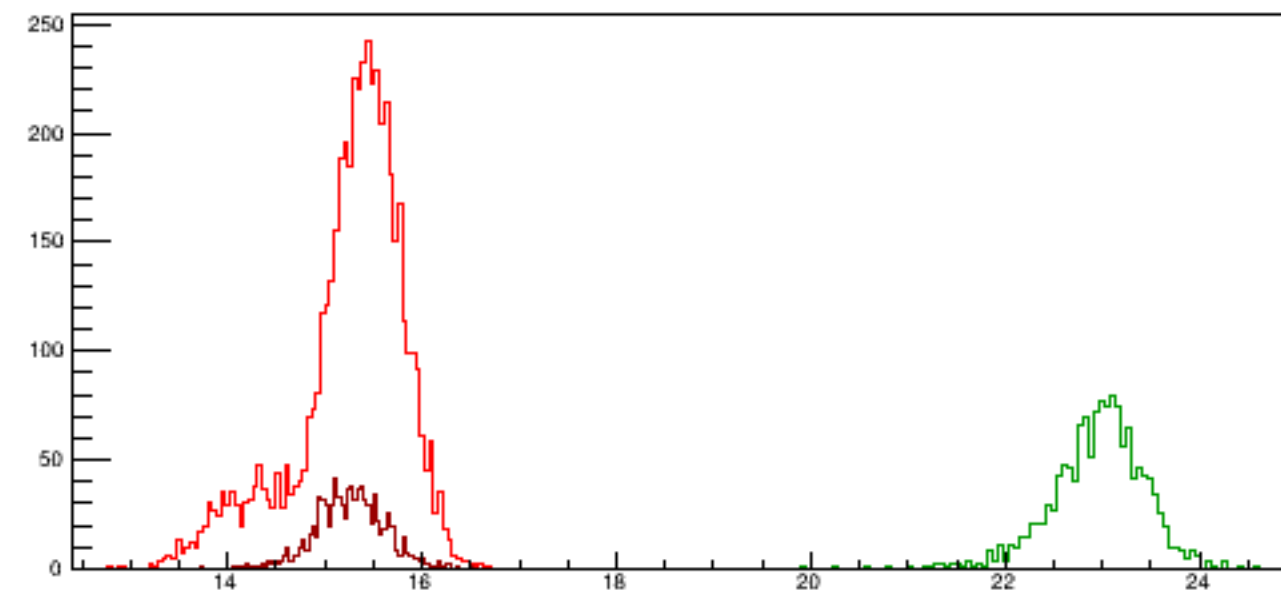
Std Dev: 0.4878 +/- 0.0093

Entries: 898

Mean: 15.2635 +/- 0.0119

Std Dev: 0.3571 +/- 0.0084

Run 4562 quartetwise, Sums



Cycle 16, Asyms

Entries: 5152

Mean: -0.0004 +/- 0.0005

Std Dev: 0.0342 +/- 0.0003

Entries: 1388

Mean: 0.0132 +/- 0.0012

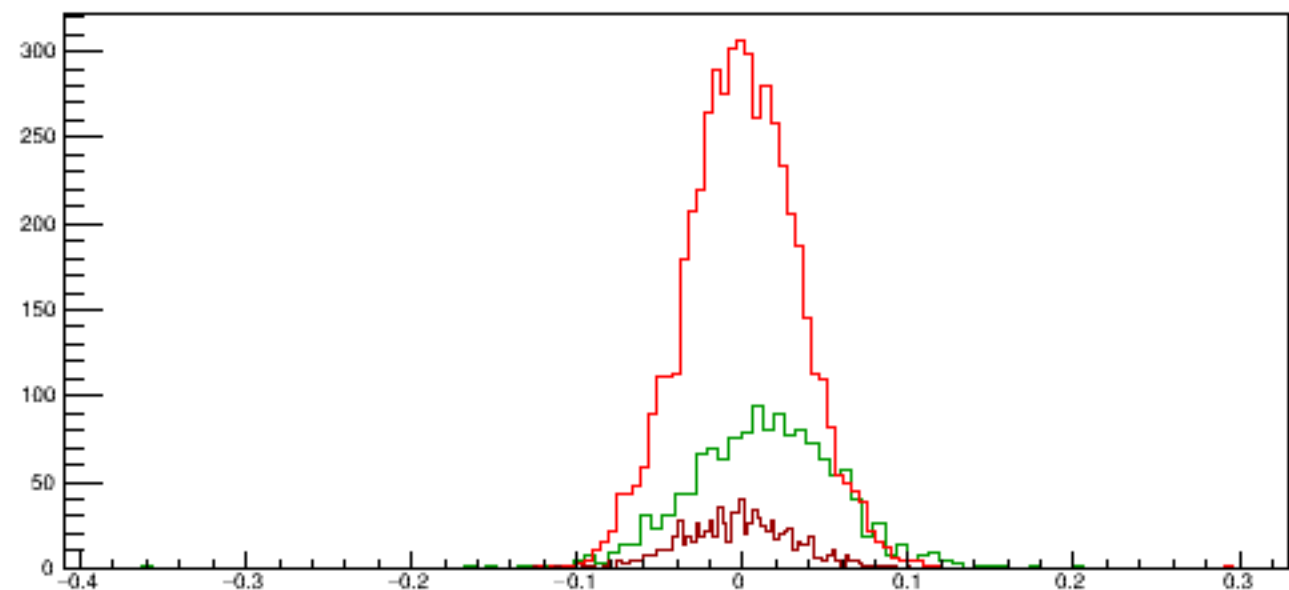
Std Dev: 0.0449 +/- 0.0009

Entries: 898

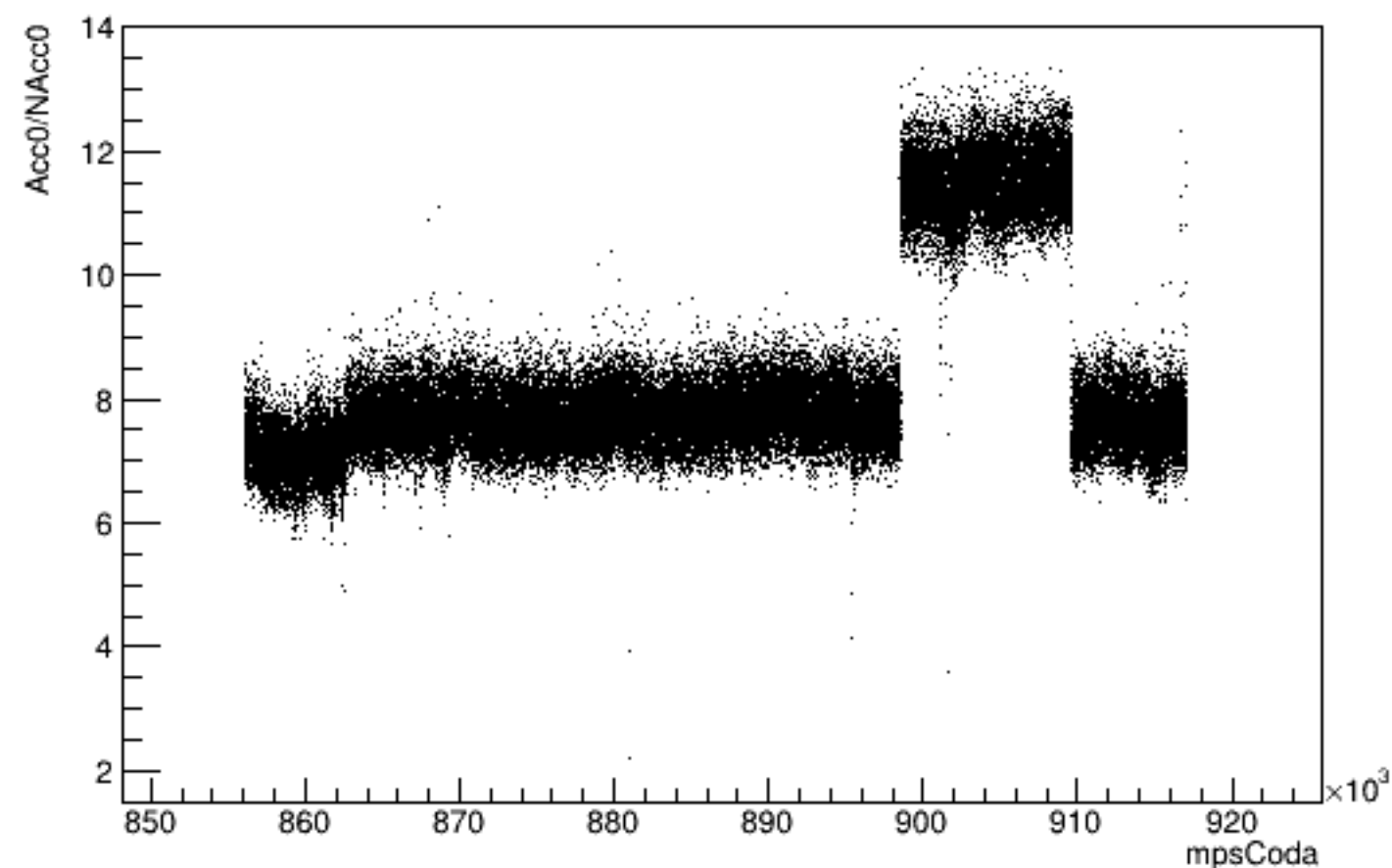
Mean: -0.0020 +/- 0.0011

Std Dev: 0.0339 +/- 0.0008

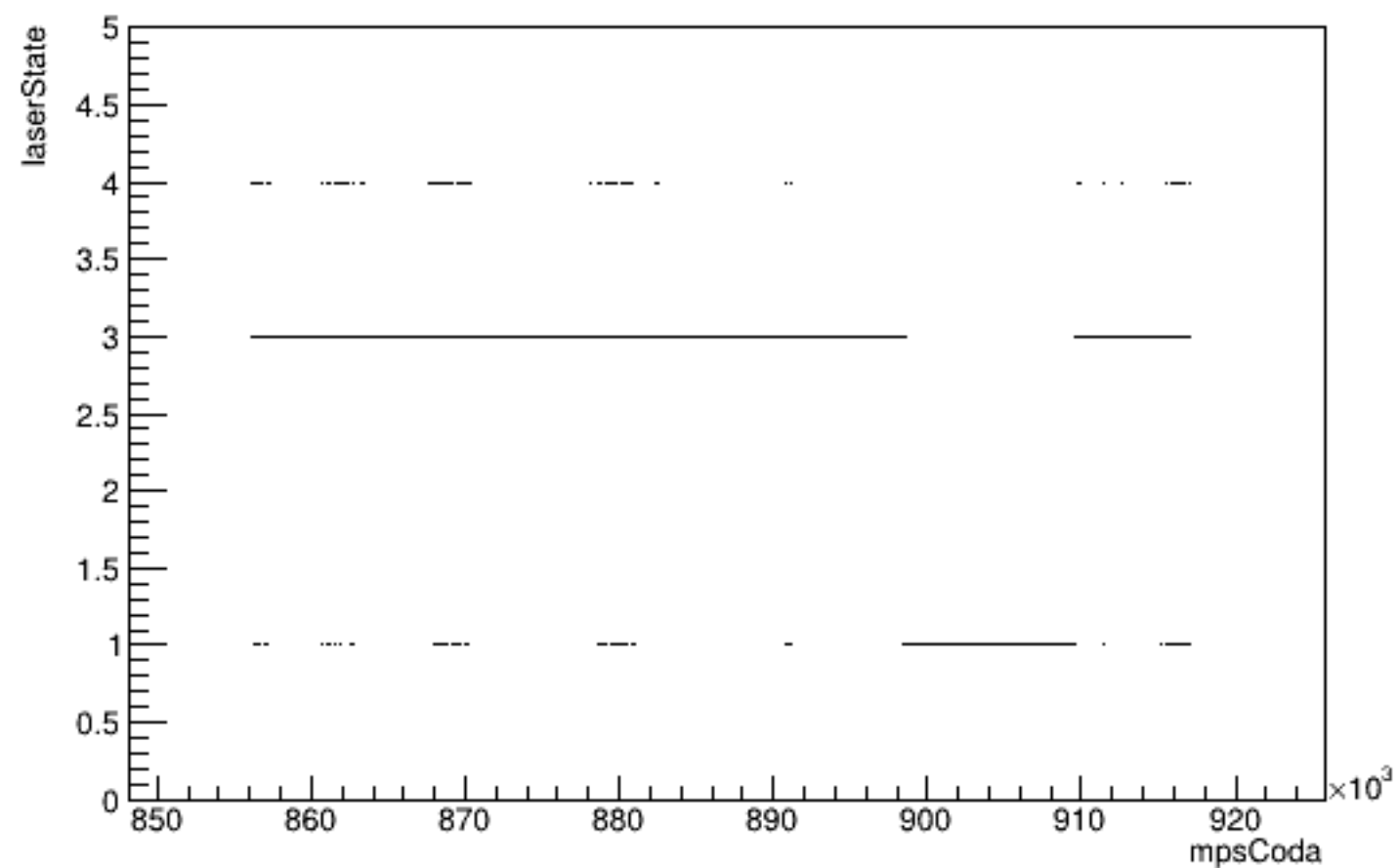
Run 4562 quartetwise, Asyms



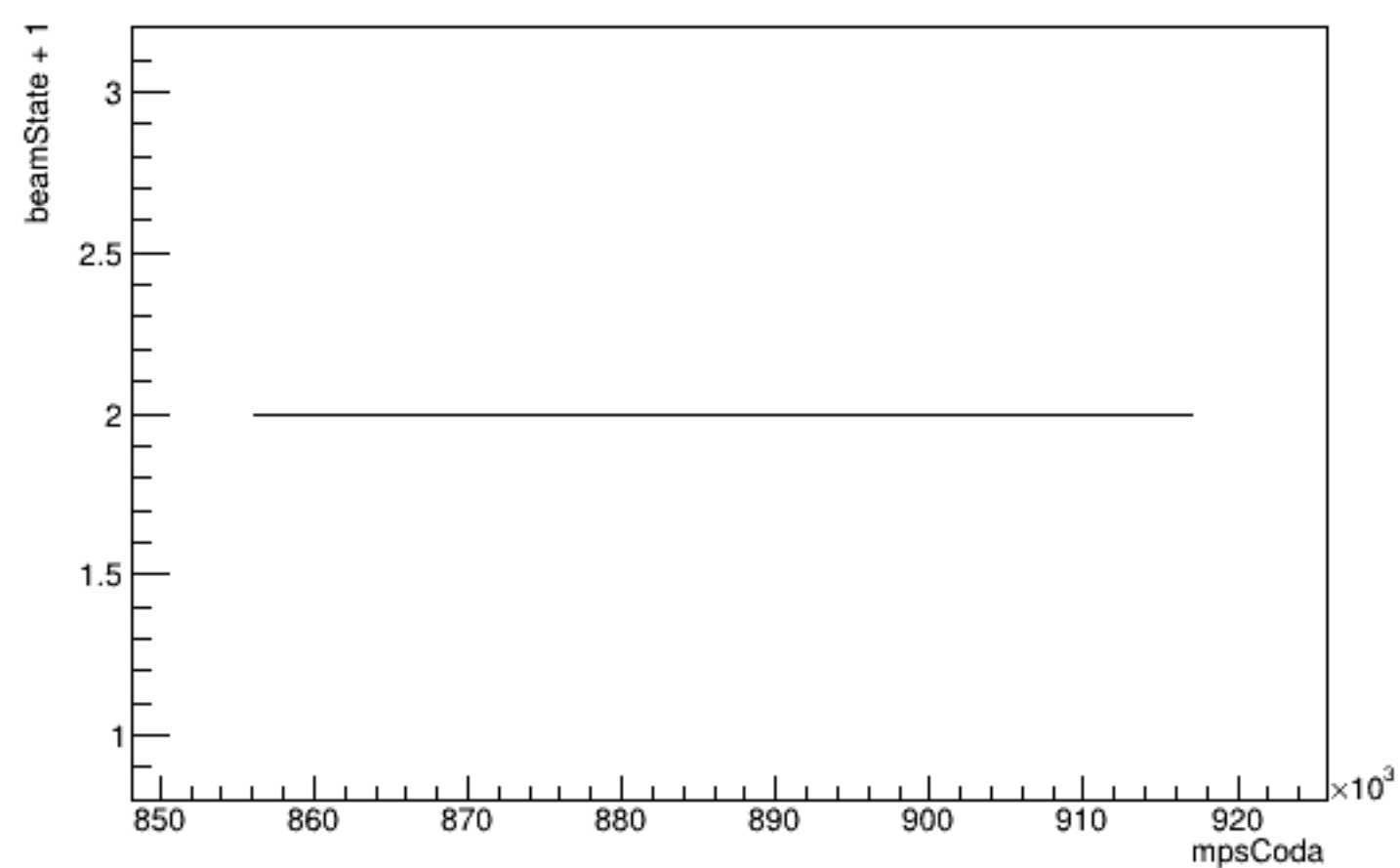
Acc0/NAcc0:mpsCoda (mpsCoda>=856069 && mpsCoda<=917108 && beamState==1)



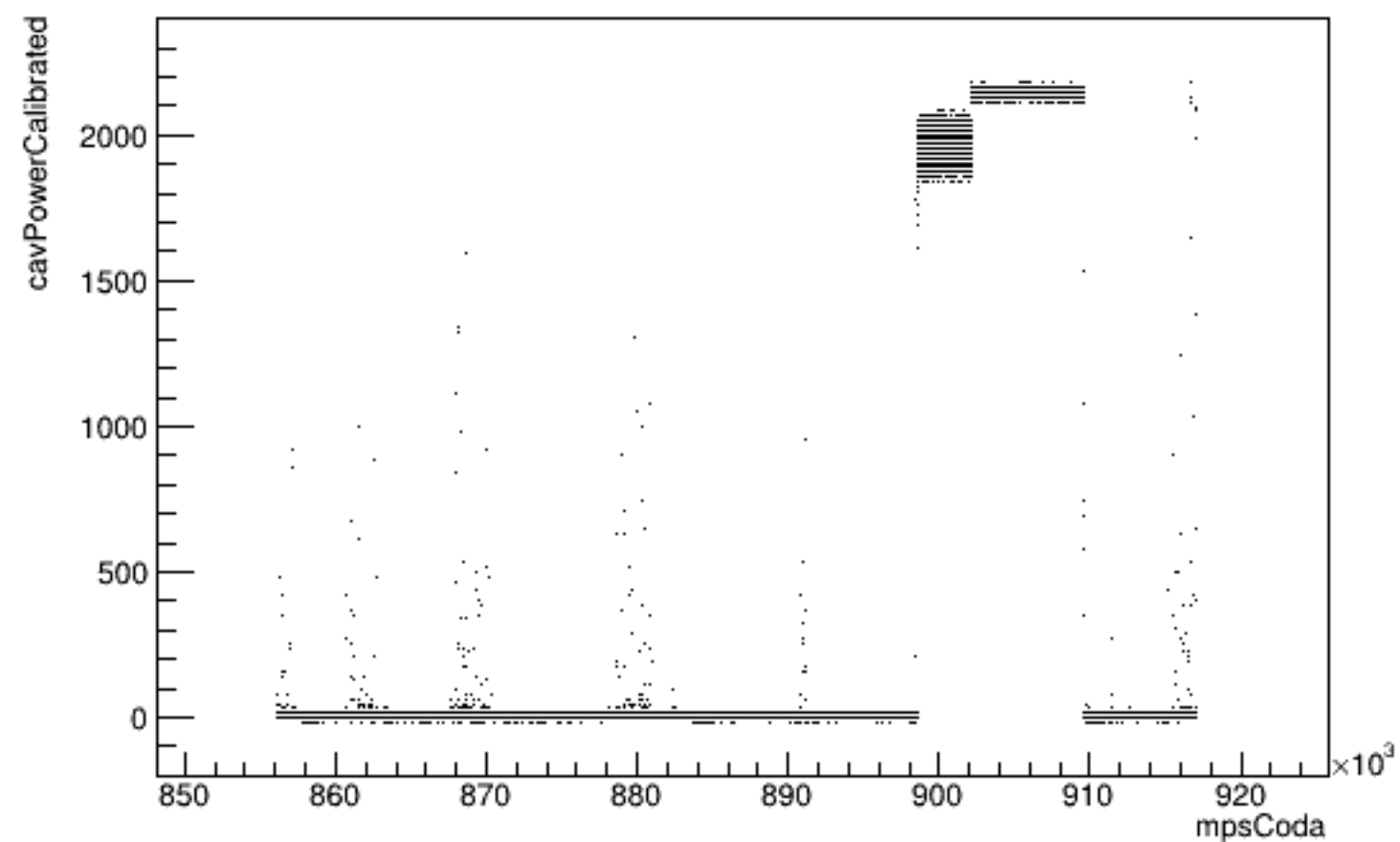
laserState:mpsCoda {mpsCoda>=856069 && mpsCoda<=917108}



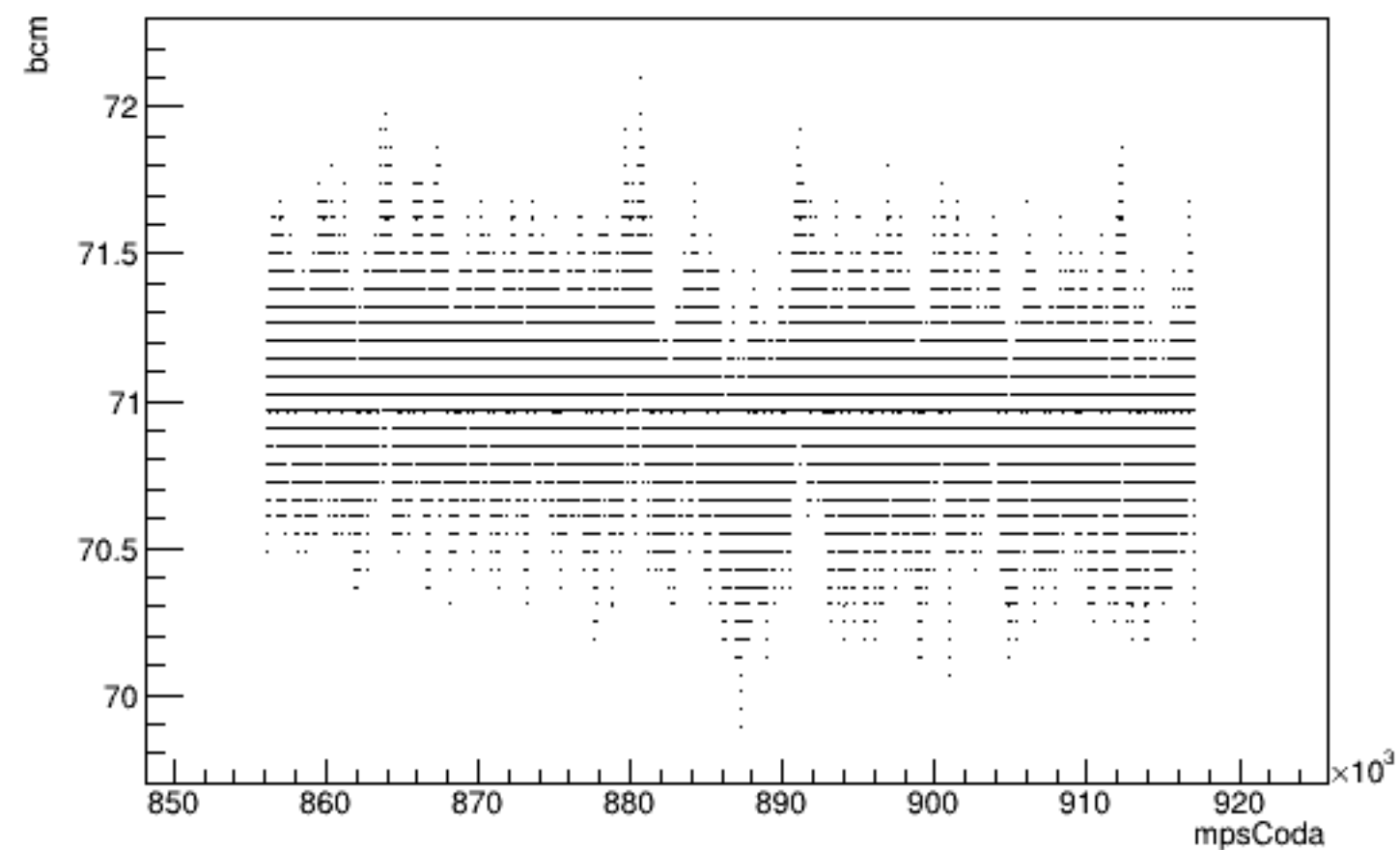
beamState + 1:mpsCoda {mpsCoda>=856069 && mpsCoda<=917108}



cavPowerCalibrated:mpsCoda {mpsCoda>=856069 && mpsCoda<=917108}



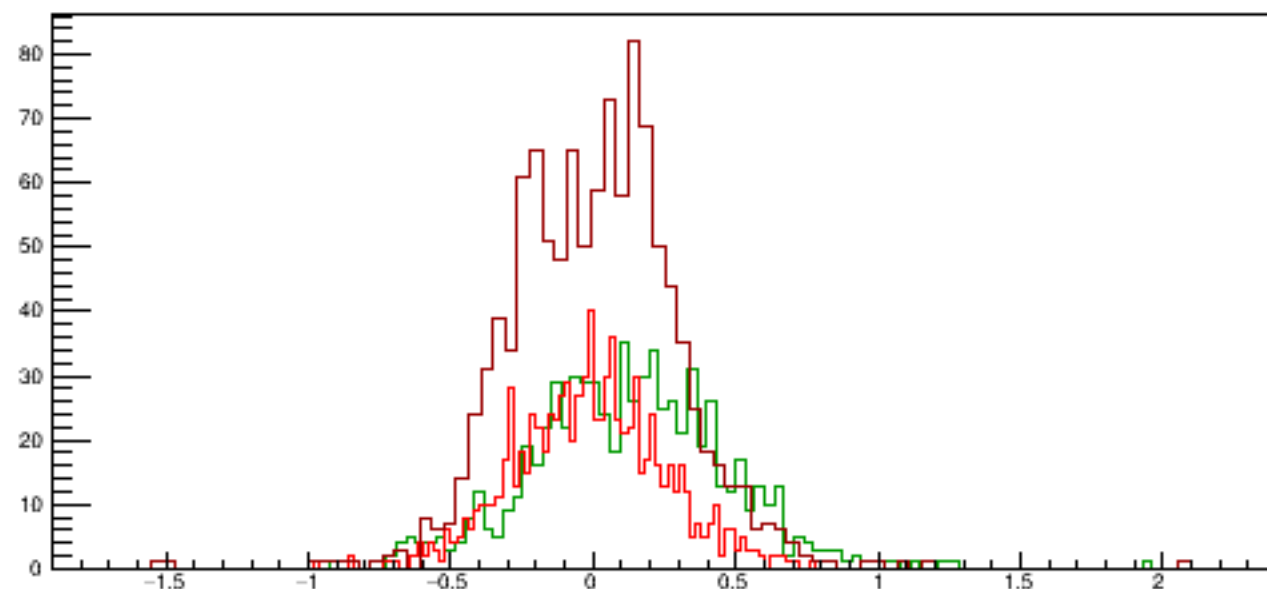
bcm:mpsCoda {mpsCoda>=856069 && mpsCoda<=917108}



Cycle 17, Diffs

Entries: 898	Entries: 712	Entries: 1102
Mean: -0.0151 +/- 0.0087	Mean: 0.1273 +/- 0.0128	Mean: 0.0085 +/- 0.0088
Std Dev: 0.2608 +/- 0.0062	Std Dev: 0.3413 +/- 0.0090	Std Dev: 0.2937 +/- 0.0063

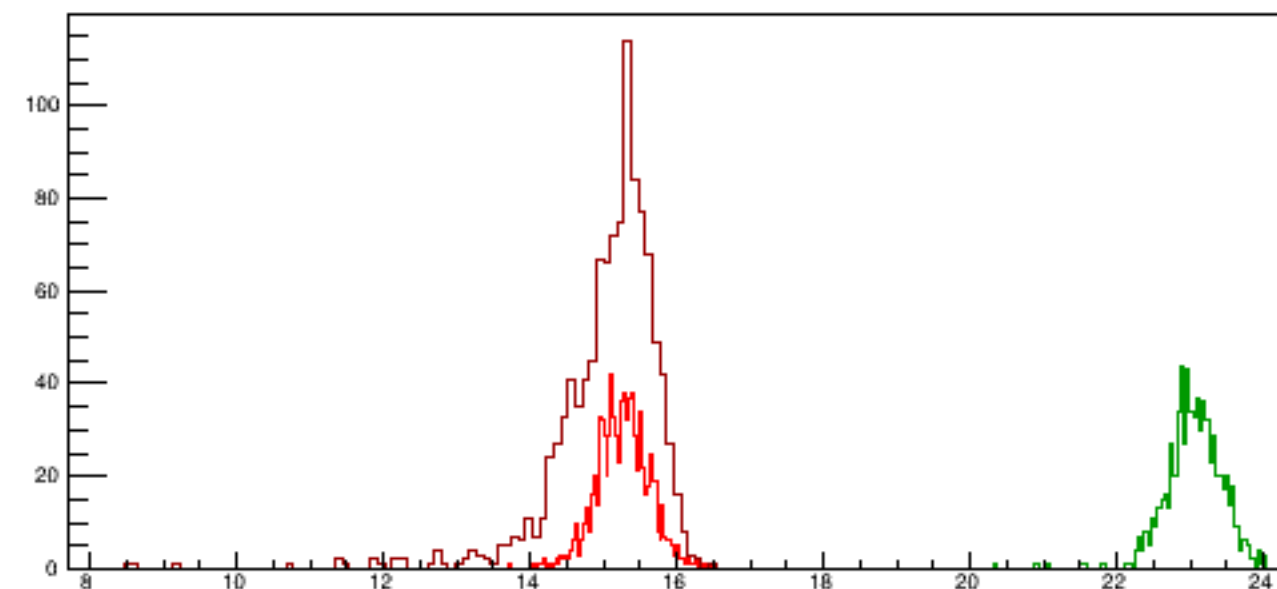
Run 4562 quartetwise, Diffs



Cycle 17, Sums

Entries: 898	Entries: 712	Entries: 1102
Mean: 15.2635 +/- 0.0119	Mean: 23.0506 +/- 0.0146	Mean: 15.0591 +/- 0.0222
Std Dev: 0.3571 +/- 0.0084	Std Dev: 0.3895 +/- 0.0103	Std Dev: 0.7371 +/- 0.0157

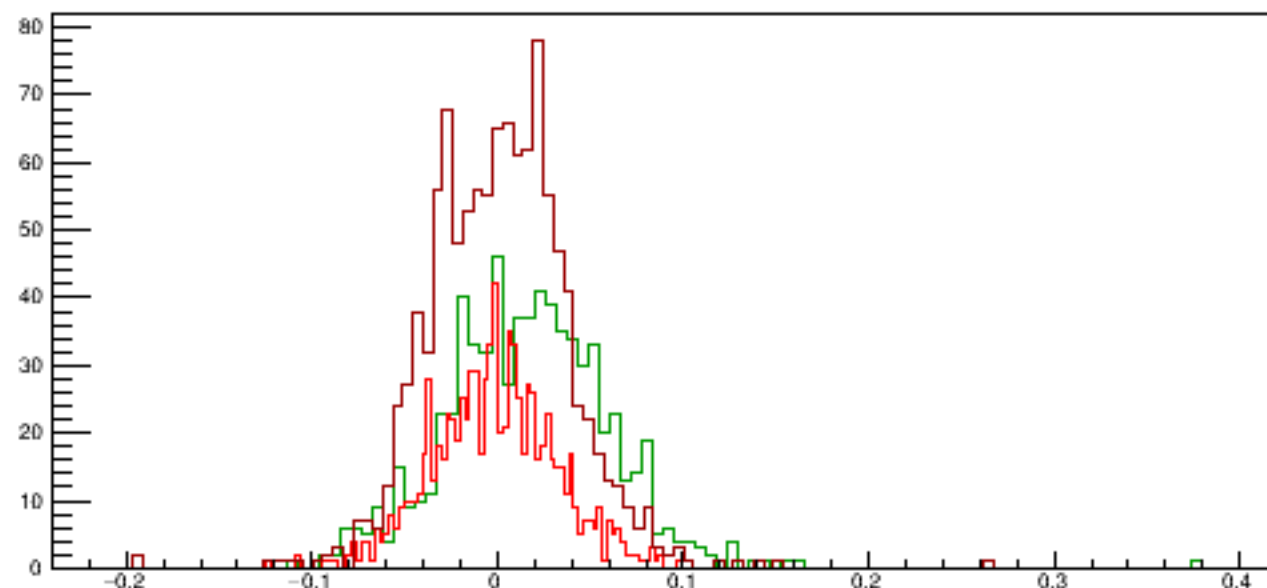
Run 4562 quartetwise, Sums



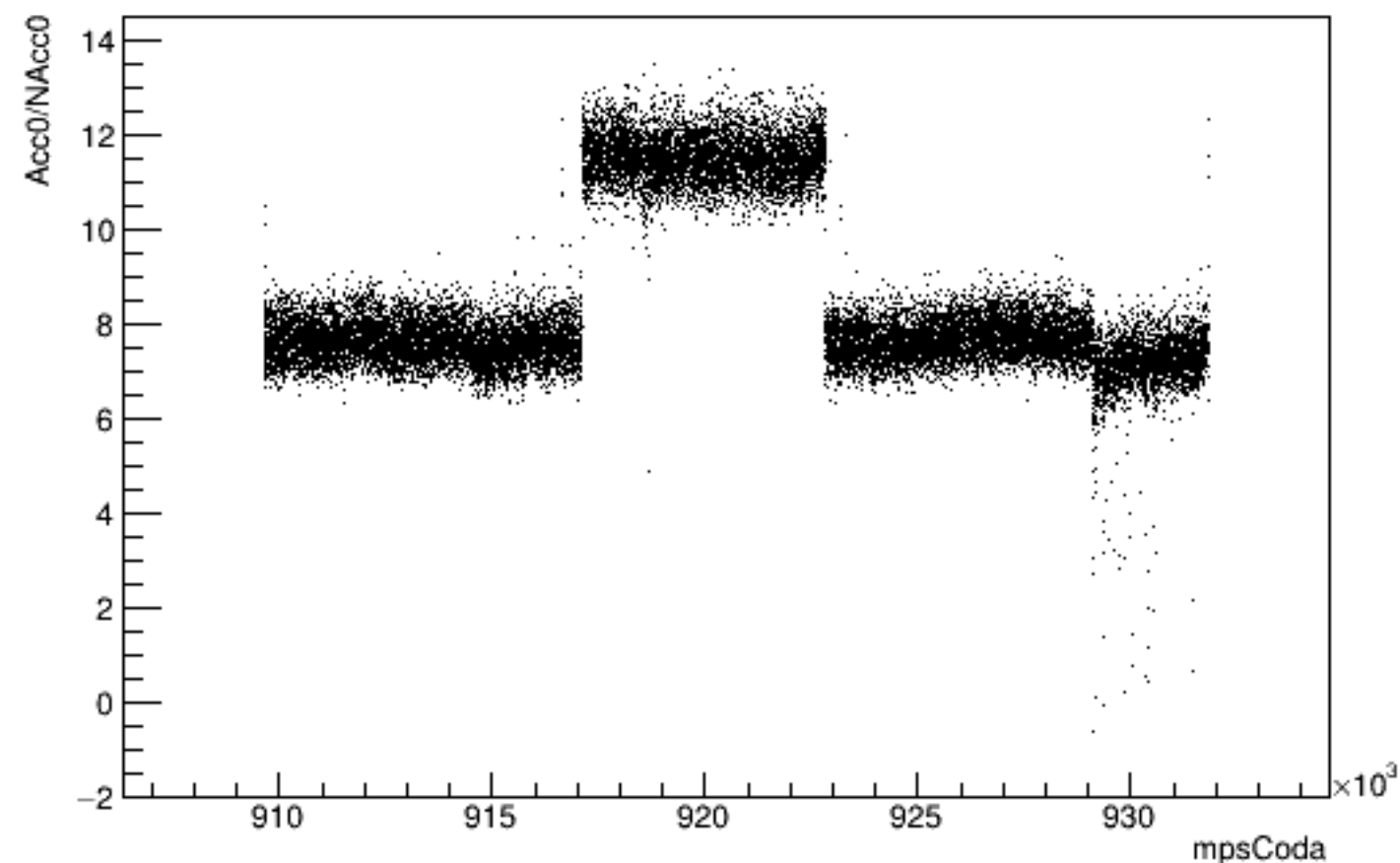
Cycle 17, Asyms

Entries: 898	Entries: 712	Entries: 1102
Mean: -0.0019 +/- 0.0011	Mean: 0.0163 +/- 0.0017	Mean: 0.0011 +/- 0.0011
Std Dev: 0.0331 +/- 0.0008	Std Dev: 0.0445 +/- 0.0012	Std Dev: 0.0372 +/- 0.0008

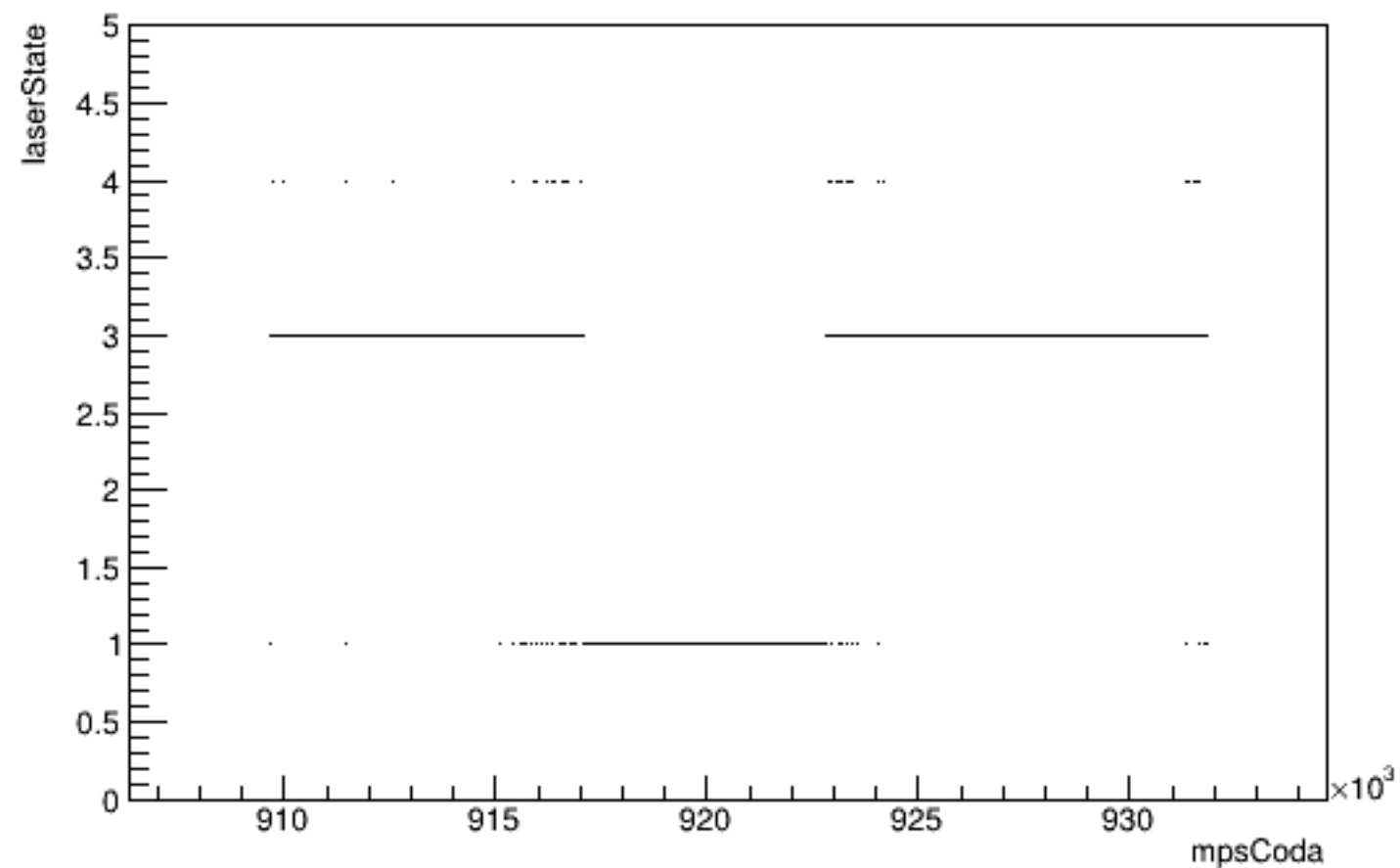
Run 4562 quartetwise, Asyms



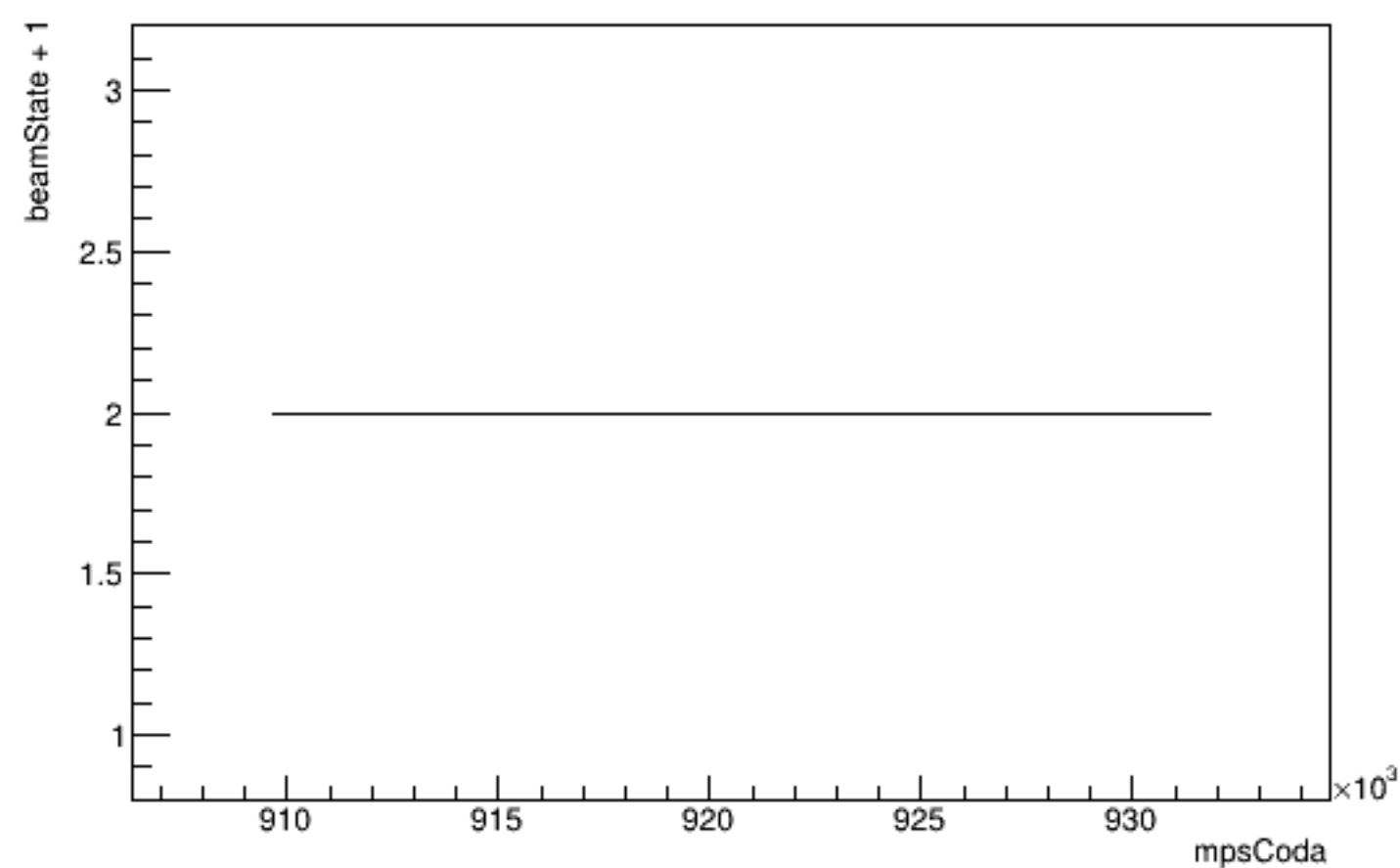
Acc0/NAcc0:mpsCoda (mpsCoda>=909637 && mpsCoda<=931820 && beamState==1)



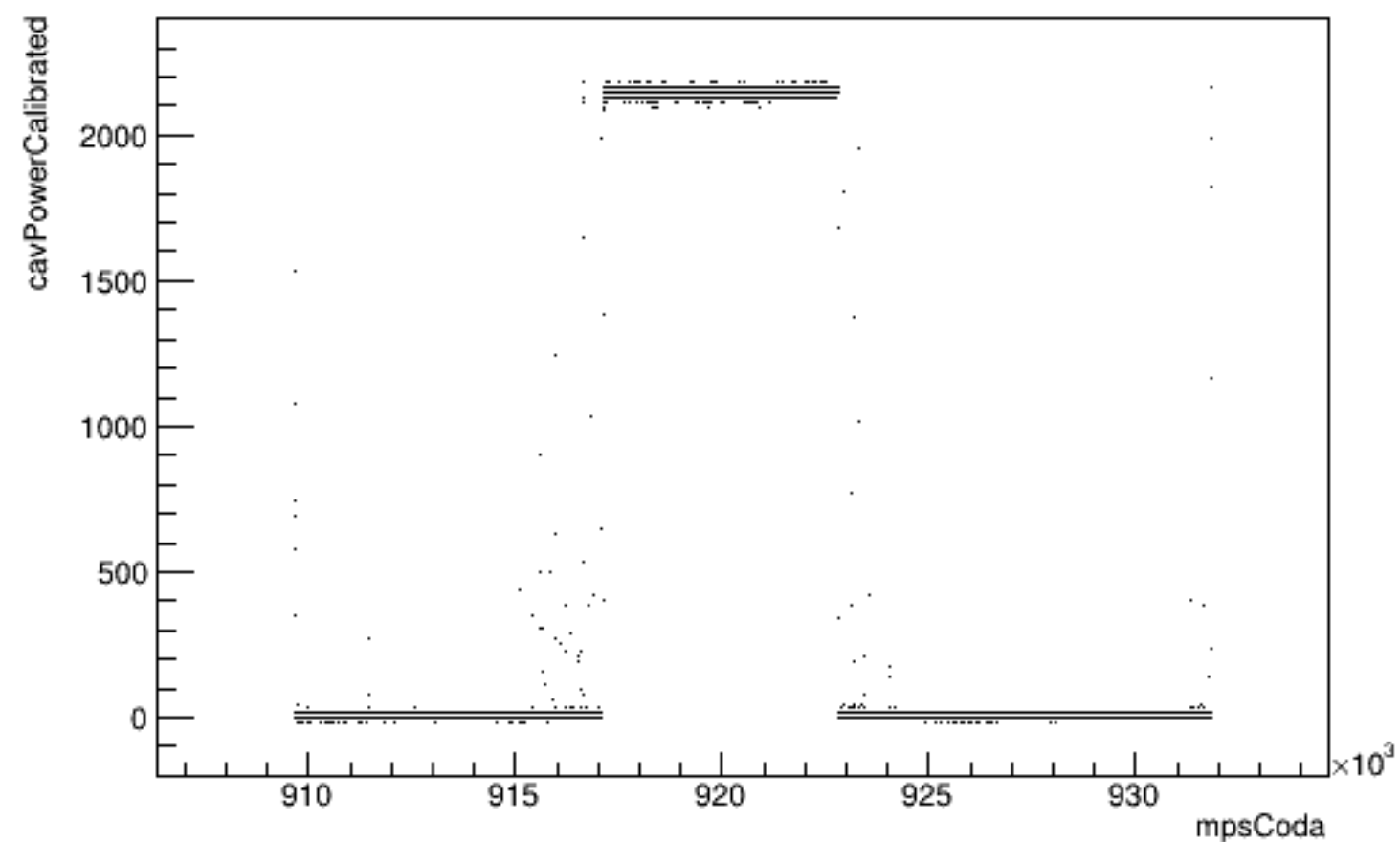
laserState:mpsCoda {mpsCoda>=909637 && mpsCoda<=931820}



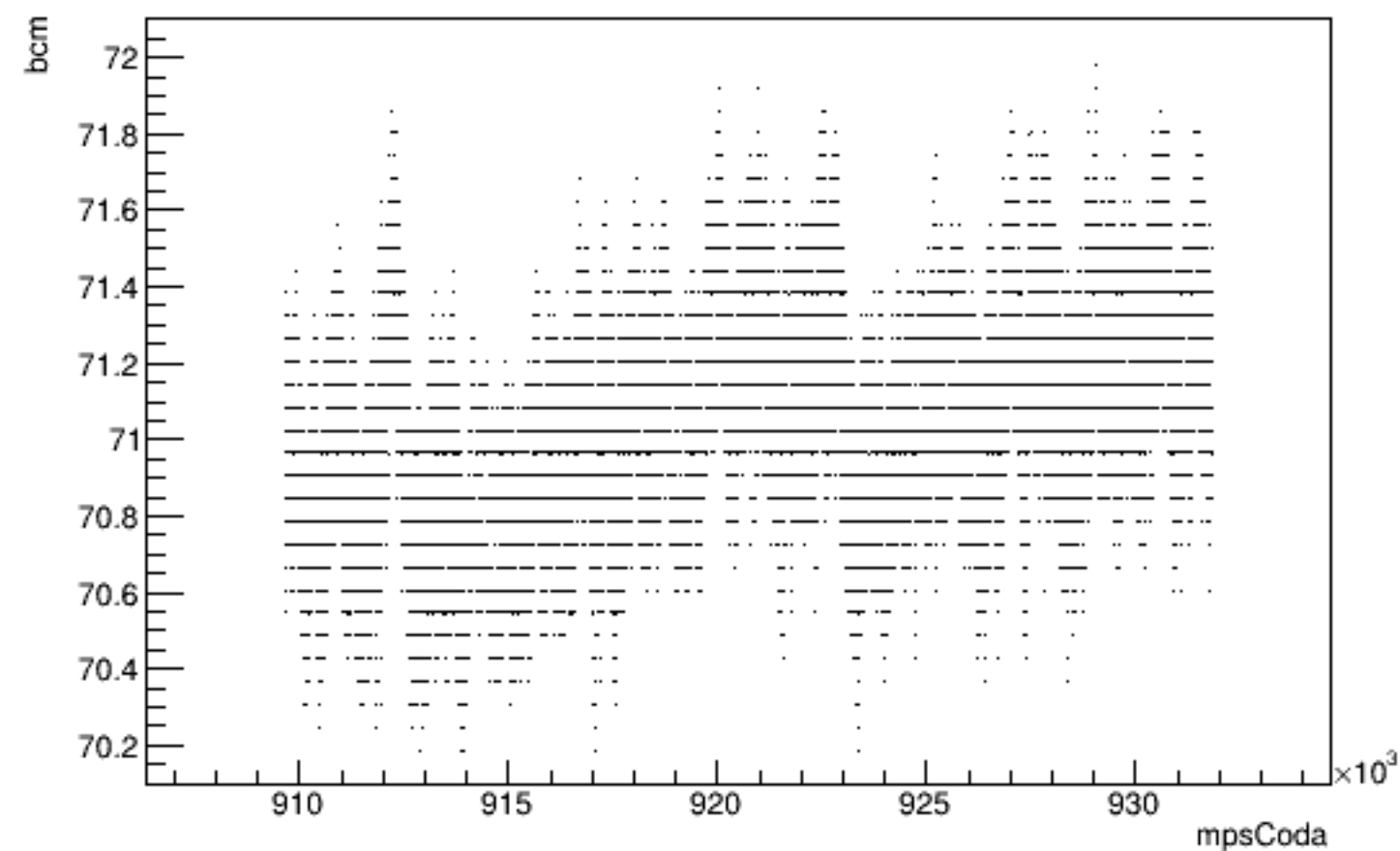
beamState + 1:mpsCoda {mpsCoda>=909637 && mpsCoda<=931820}



cavPowerCalibrated:mpsCoda {mpsCoda>=909637 && mpsCoda<=931820}



bcm:mpsCoda {mpsCoda>=909637 && mpsCoda<=931820}



Cycle 18, Diffs

Entries: 1102

Mean: 0.0085 +/- 0.0088

Std Dev: 0.2937 +/- 0.0063

Entries: 485

Mean: 0.0984 +/- 0.0155

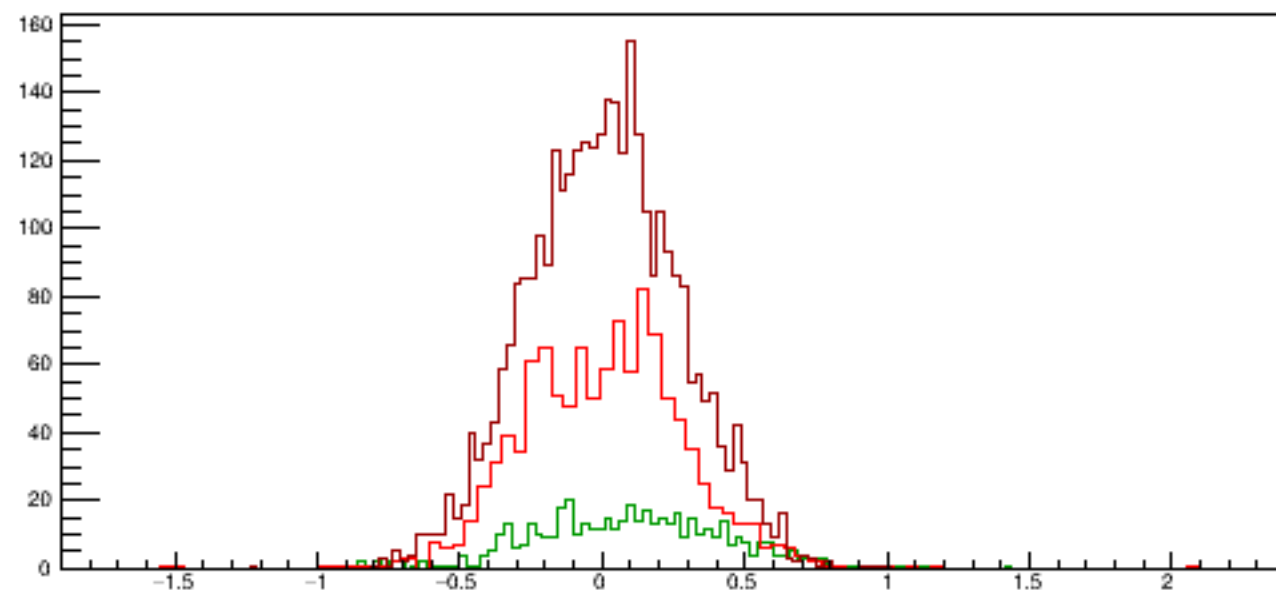
Std Dev: 0.3412 +/- 0.0110

Entries: 3367

Mean: 0.0055 +/- 0.0046

Std Dev: 0.2663 +/- 0.0032

Run 4562 quartetwise, Diffs



Cycle 18, Sums

Entries: 1102

Mean: 15.0591 +/- 0.0222

Std Dev: 0.7371 +/- 0.0157

Entries: 485

Mean: 22.8230 +/- 0.0191

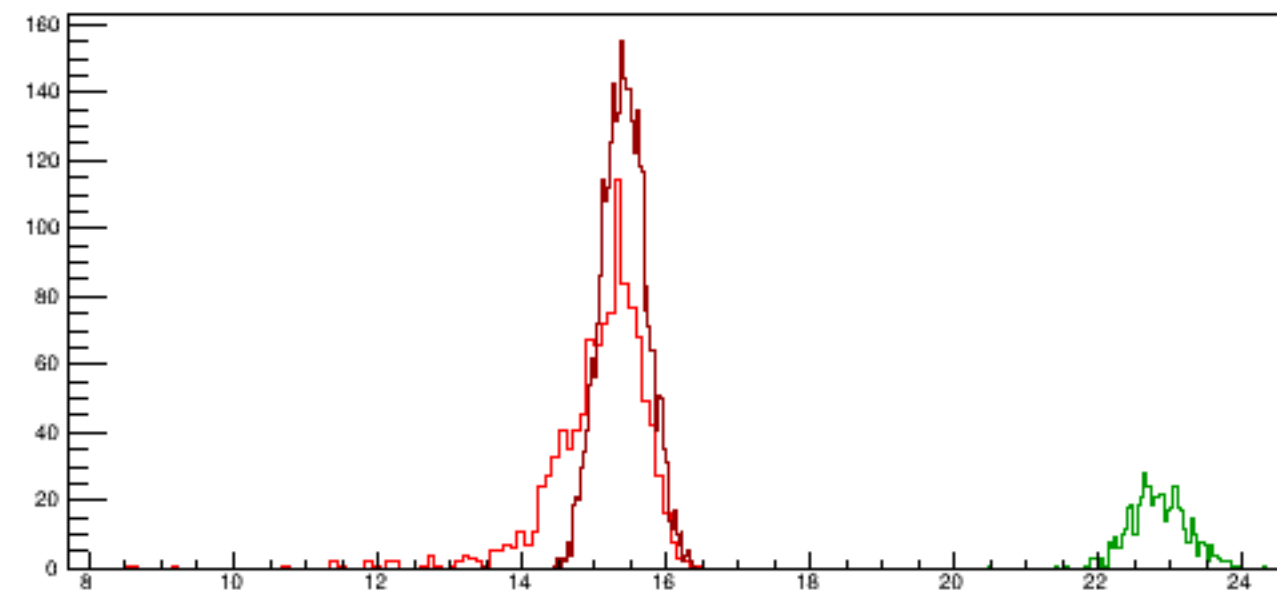
Std Dev: 0.4203 +/- 0.0135

Entries: 3367

Mean: 15.4161 +/- 0.0055

Std Dev: 0.3163 +/- 0.0039

Run 4562 quartetwise, Sums



Cycle 18, Asyms

Entries: 1102

Mean: 0.0011 +/- 0.0012

Std Dev: 0.0387 +/- 0.0008

Entries: 485

Mean: 0.0130 +/- 0.0021

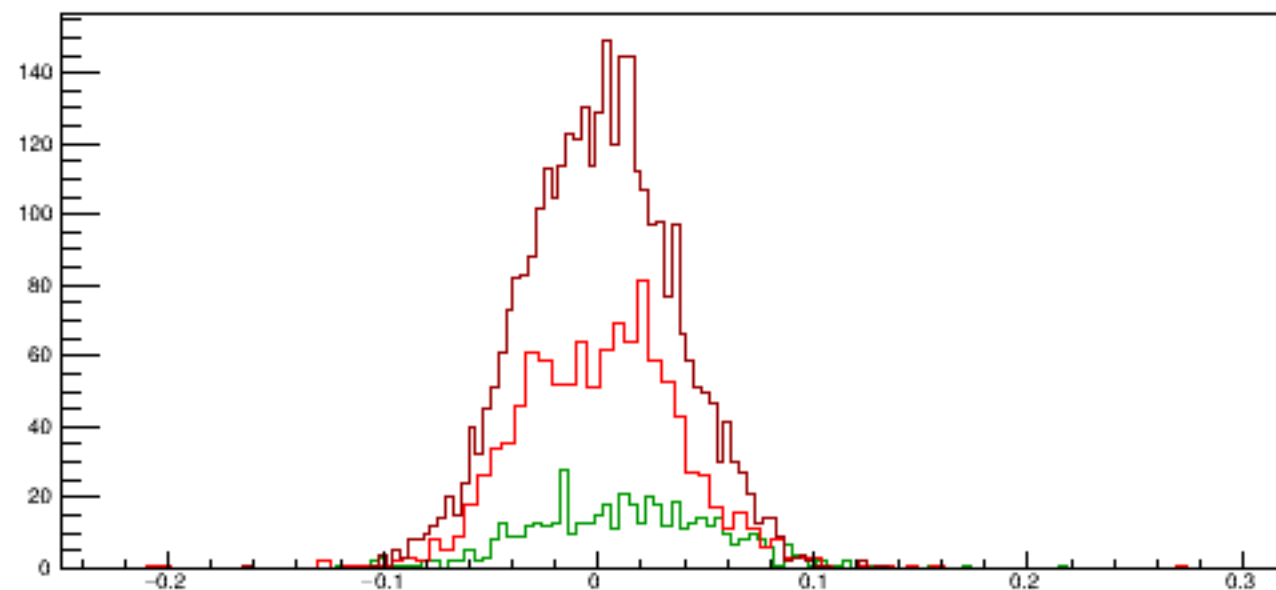
Std Dev: 0.0454 +/- 0.0015

Entries: 3367

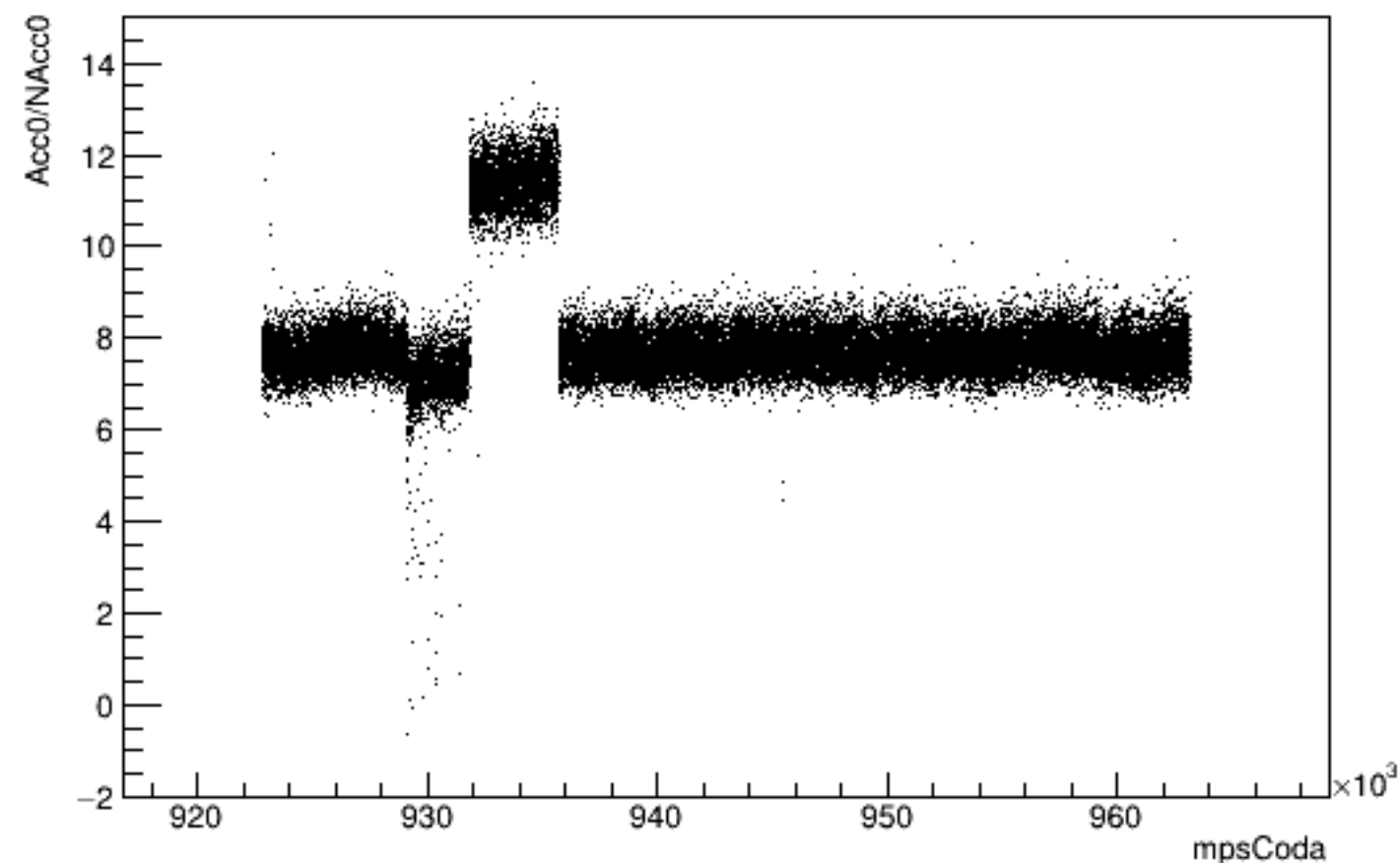
Mean: 0.0007 +/- 0.0006

Std Dev: 0.0351 +/- 0.0004

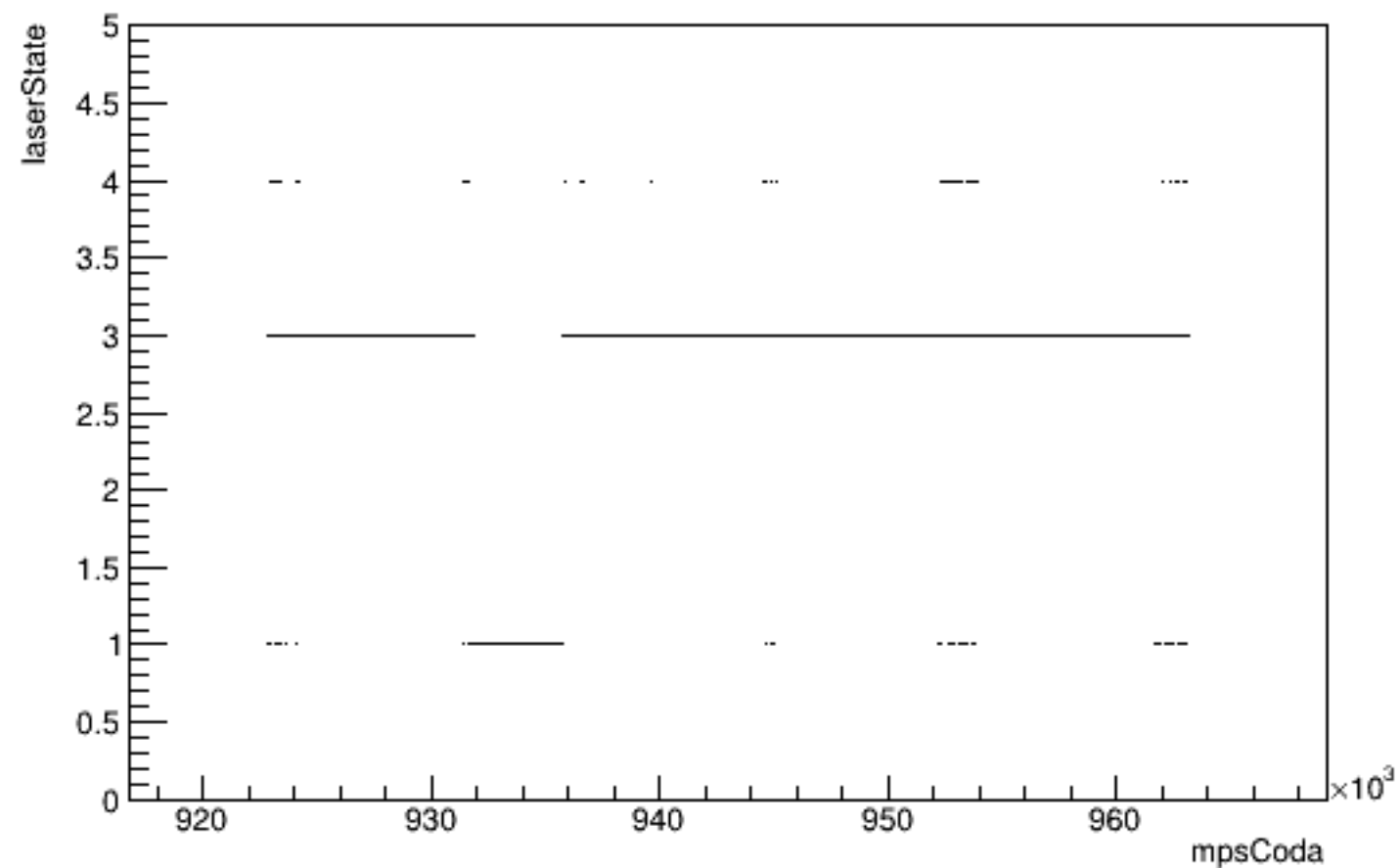
Run 4562 quartetwise, Asyms



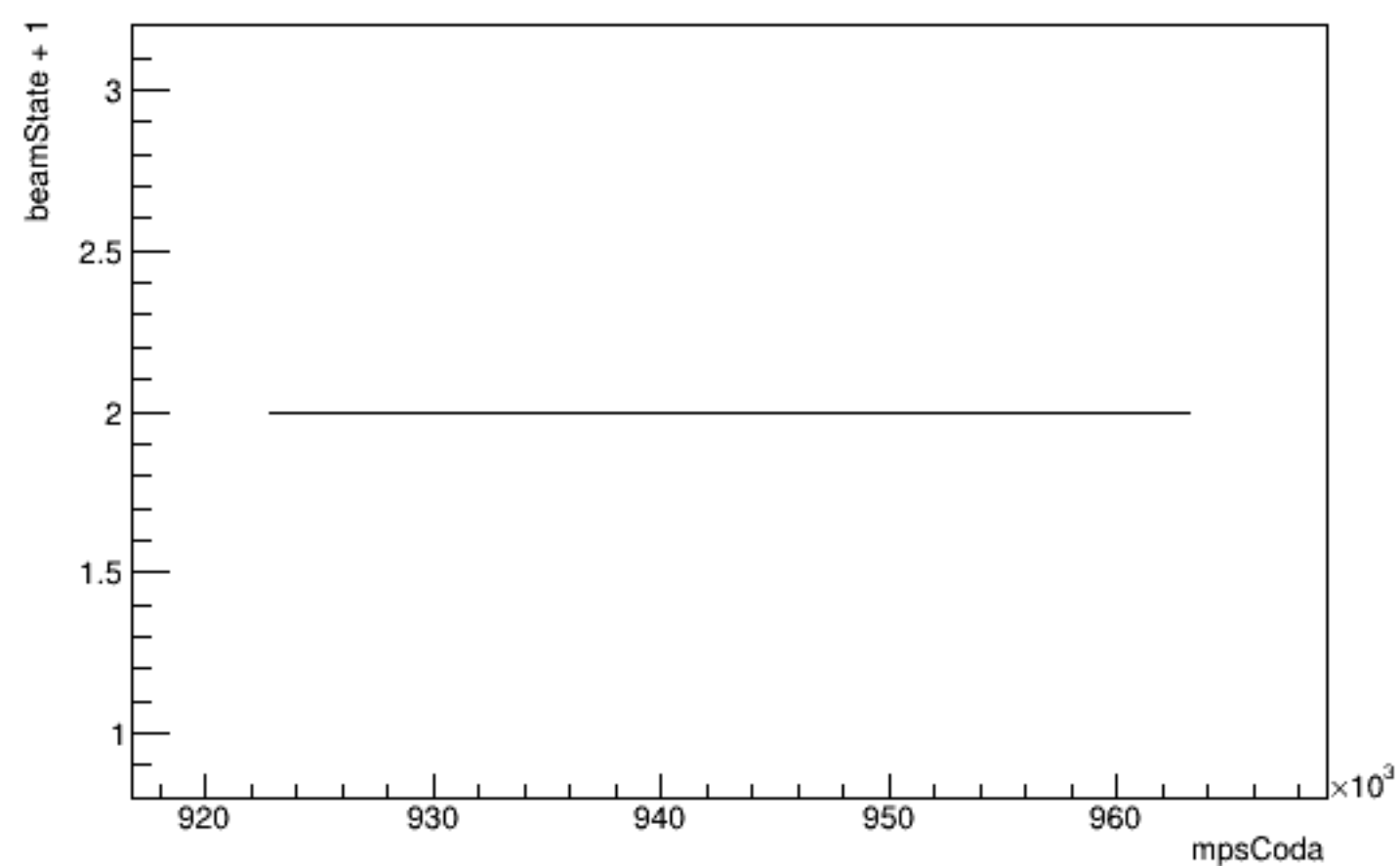
Acc0/NAcc0:mpsCoda (mpsCoda>=922813 && mpsCoda<=963140 && beamState==1)



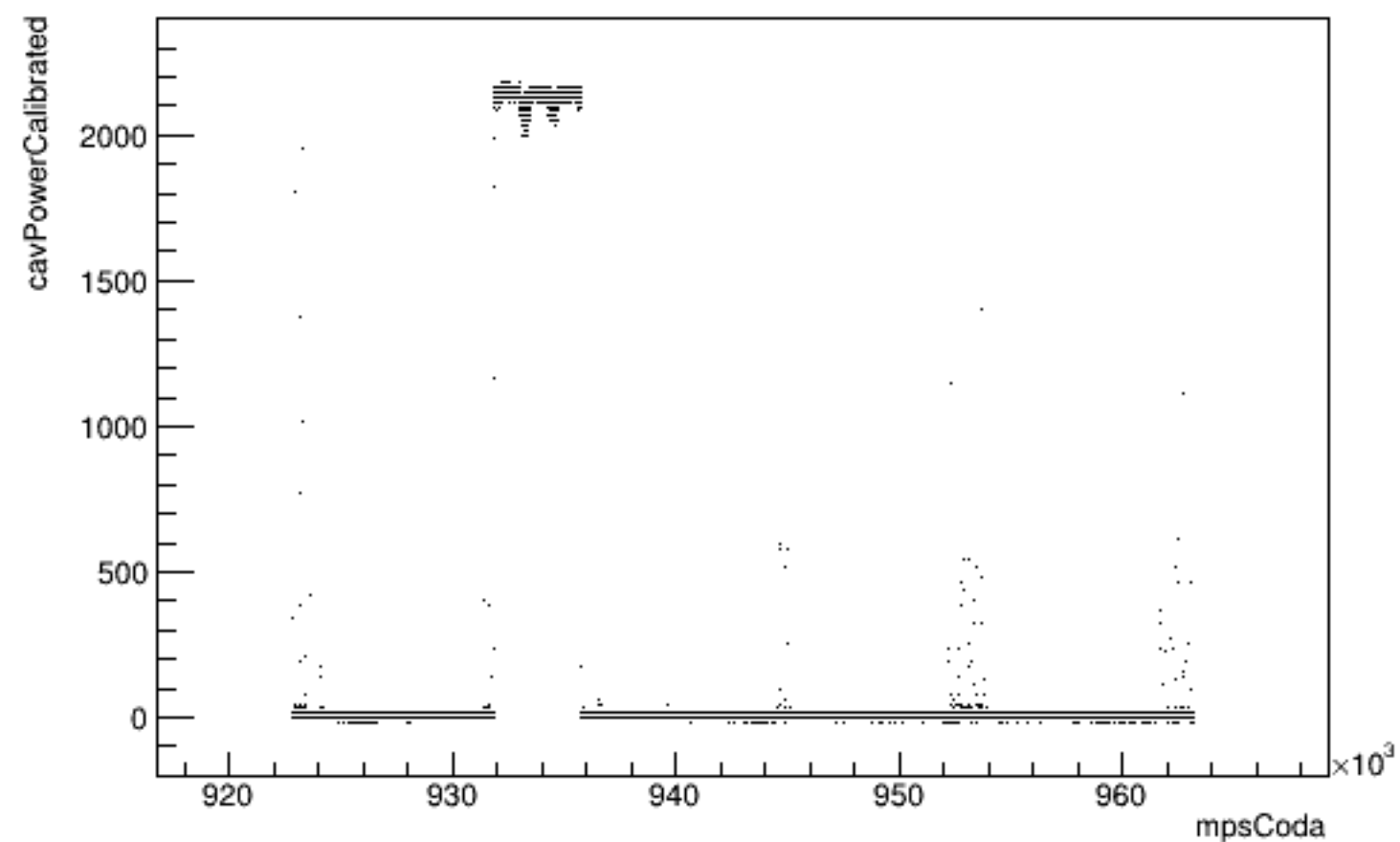
laserState:mpsCoda {mpsCoda>=922813 && mpsCoda<=963140}



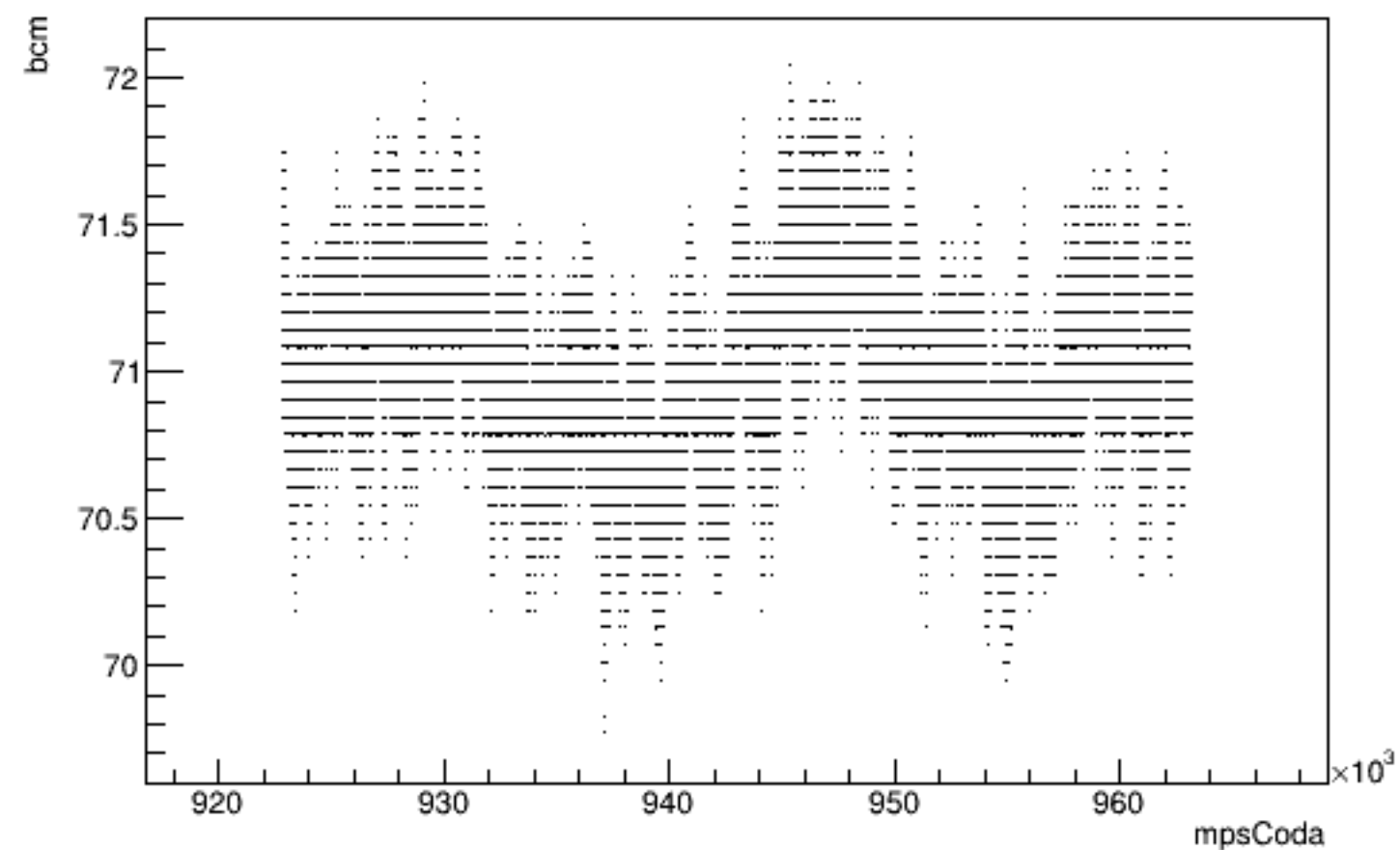
beamState + 1:mpsCoda {mpsCoda>=922813 && mpsCoda<=963140}



cavPowerCalibrated:mpsCoda {mpsCoda>=922813 && mpsCoda<=963140}



bcm:mpsCoda {mpsCoda>=922813 && mpsCoda<=963140}



Cycle 19, Diffs

Entries: 3367

Mean: 0.0055 +/- 0.0046

Std Dev: 0.2663 +/- 0.0032

Entries: 503

Mean: 0.1143 +/- 0.0156

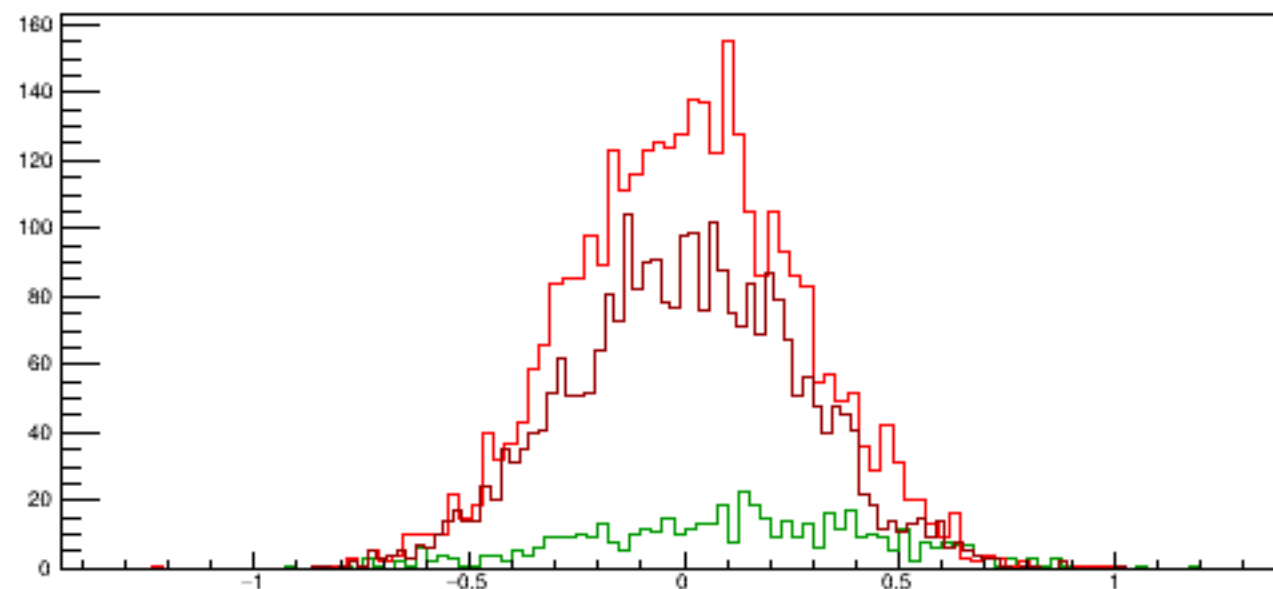
Std Dev: 0.3489 +/- 0.0110

Entries: 2830

Mean: 0.0038 +/- 0.0051

Std Dev: 0.2692 +/- 0.0036

Run 4562 quartetwise, Diffs



Cycle 19, Sums

Entries: 3367

Mean: 15.4161 +/- 0.0055

Std Dev: 0.3163 +/- 0.0039

Entries: 503

Mean: 22.9870 +/- 0.0182

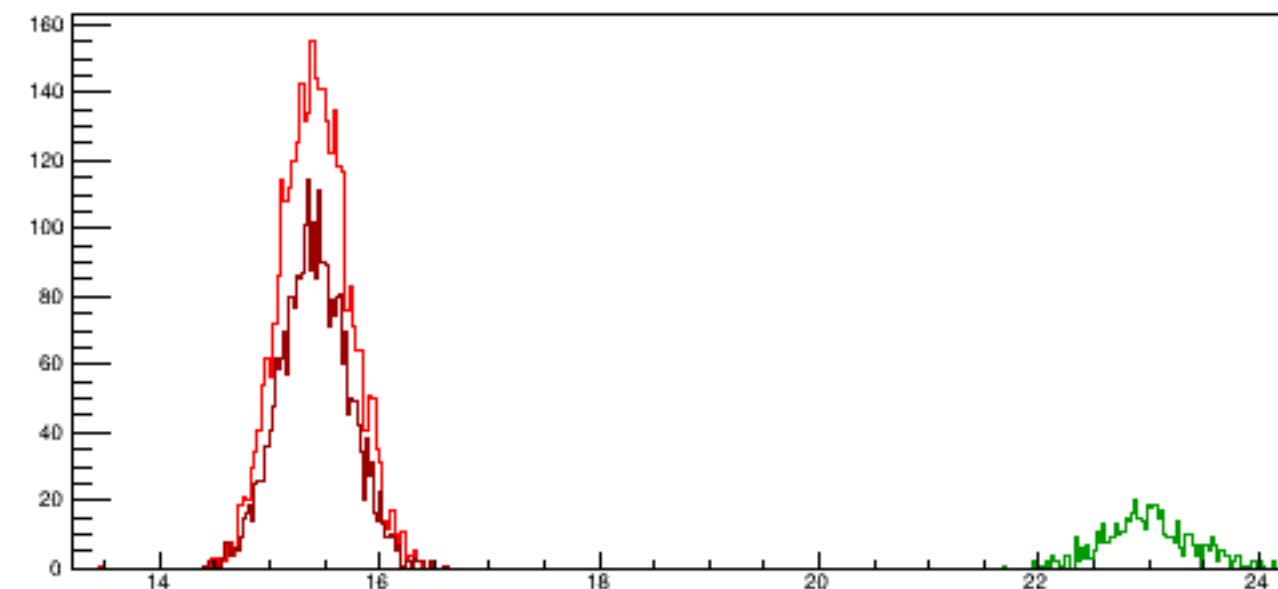
Std Dev: 0.4075 +/- 0.0128

Entries: 2830

Mean: 15.4067 +/- 0.0059

Std Dev: 0.3149 +/- 0.0042

Run 4562 quartetwise, Sums



Cycle 19, Asyms

Entries: 3367

Mean: 0.0007 +/- 0.0006

Std Dev: 0.0351 +/- 0.0004

Entries: 503

Mean: 0.0151 +/- 0.0021

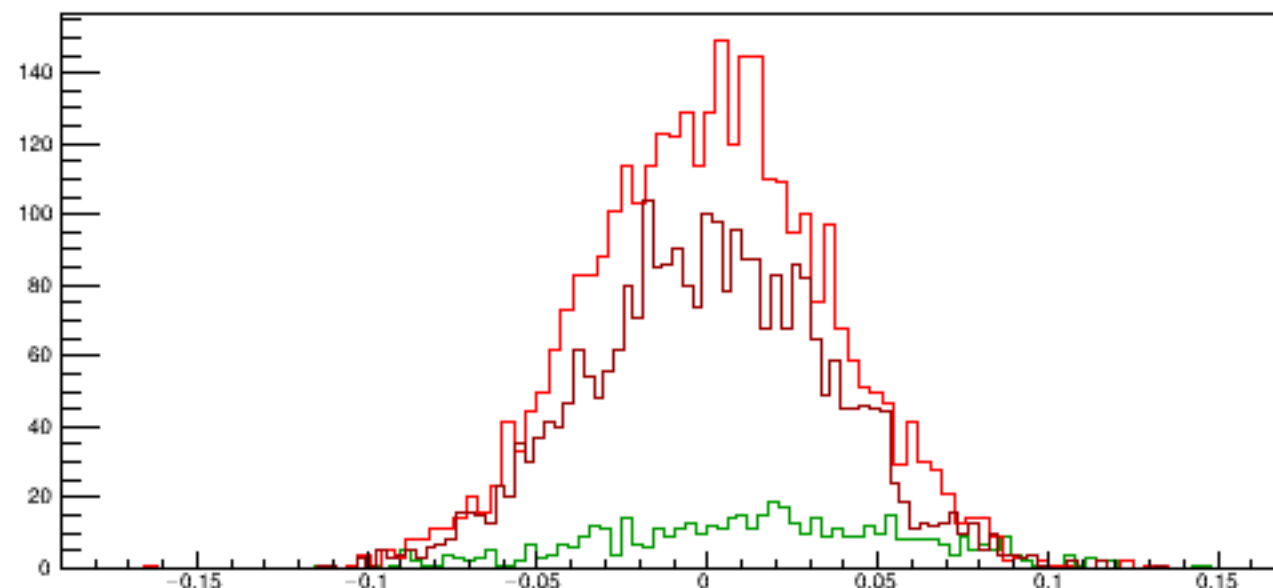
Std Dev: 0.0462 +/- 0.0015

Entries: 2830

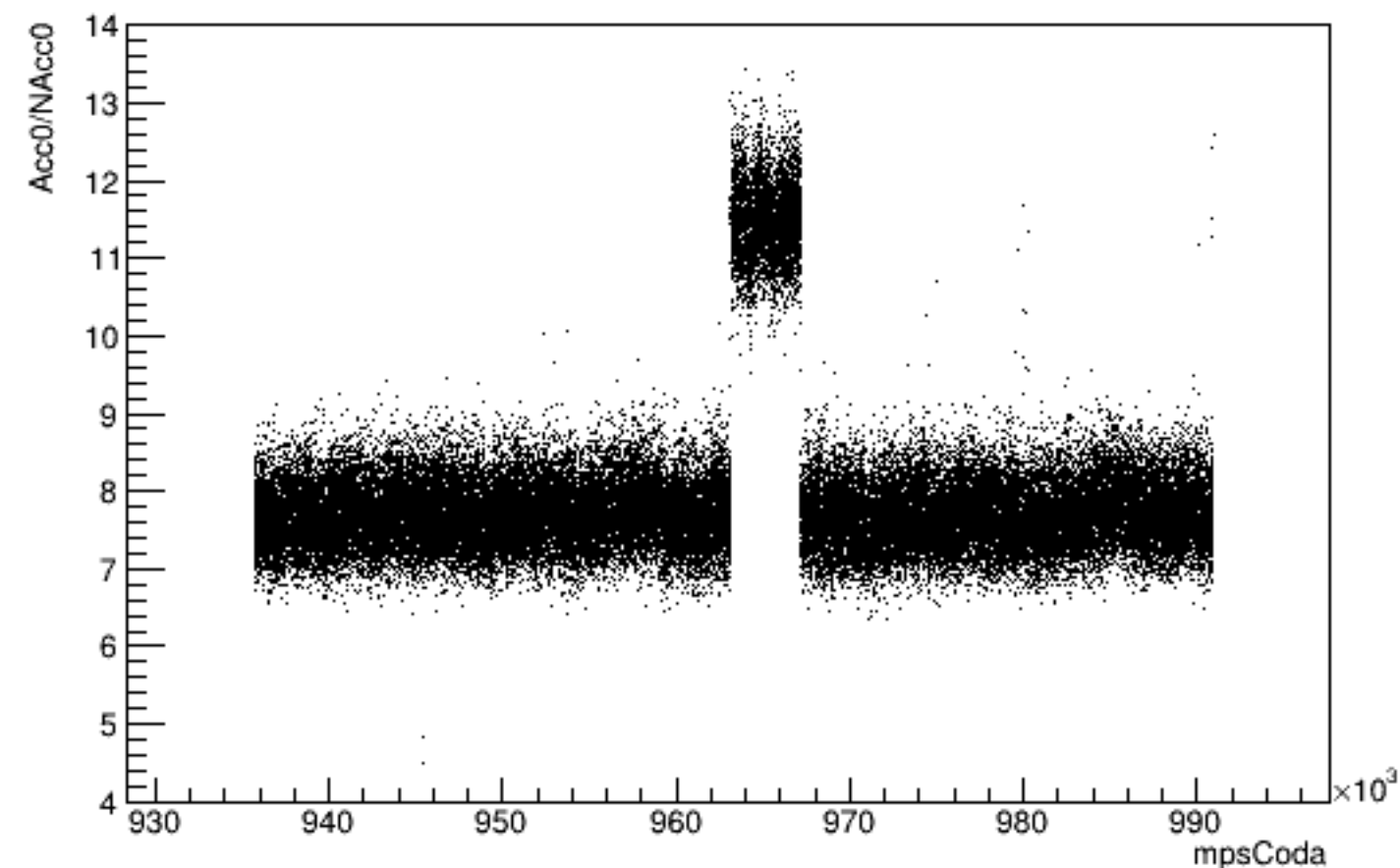
Mean: 0.0005 +/- 0.0007

Std Dev: 0.0355 +/- 0.0005

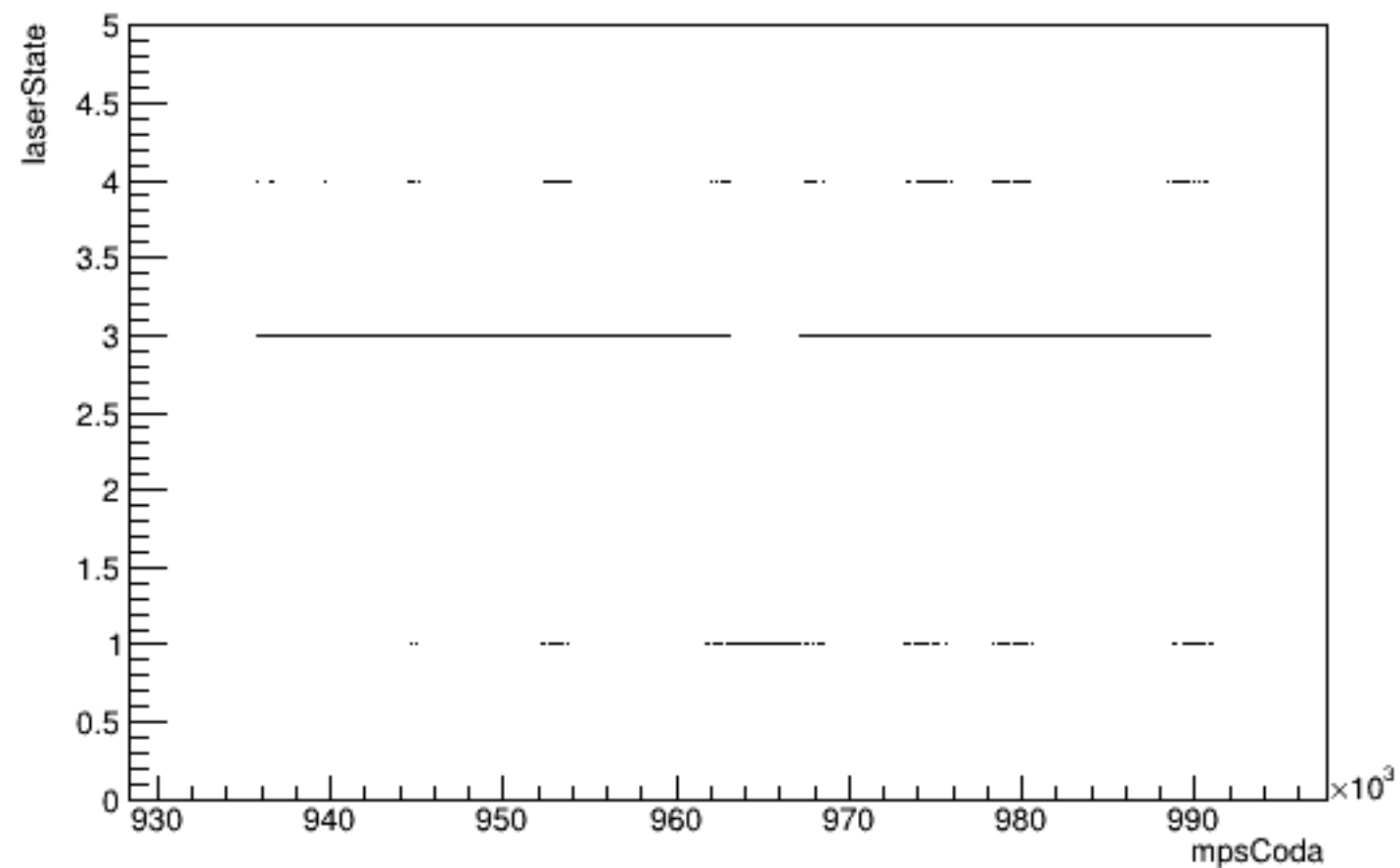
Run 4562 quartetwise, Asyms



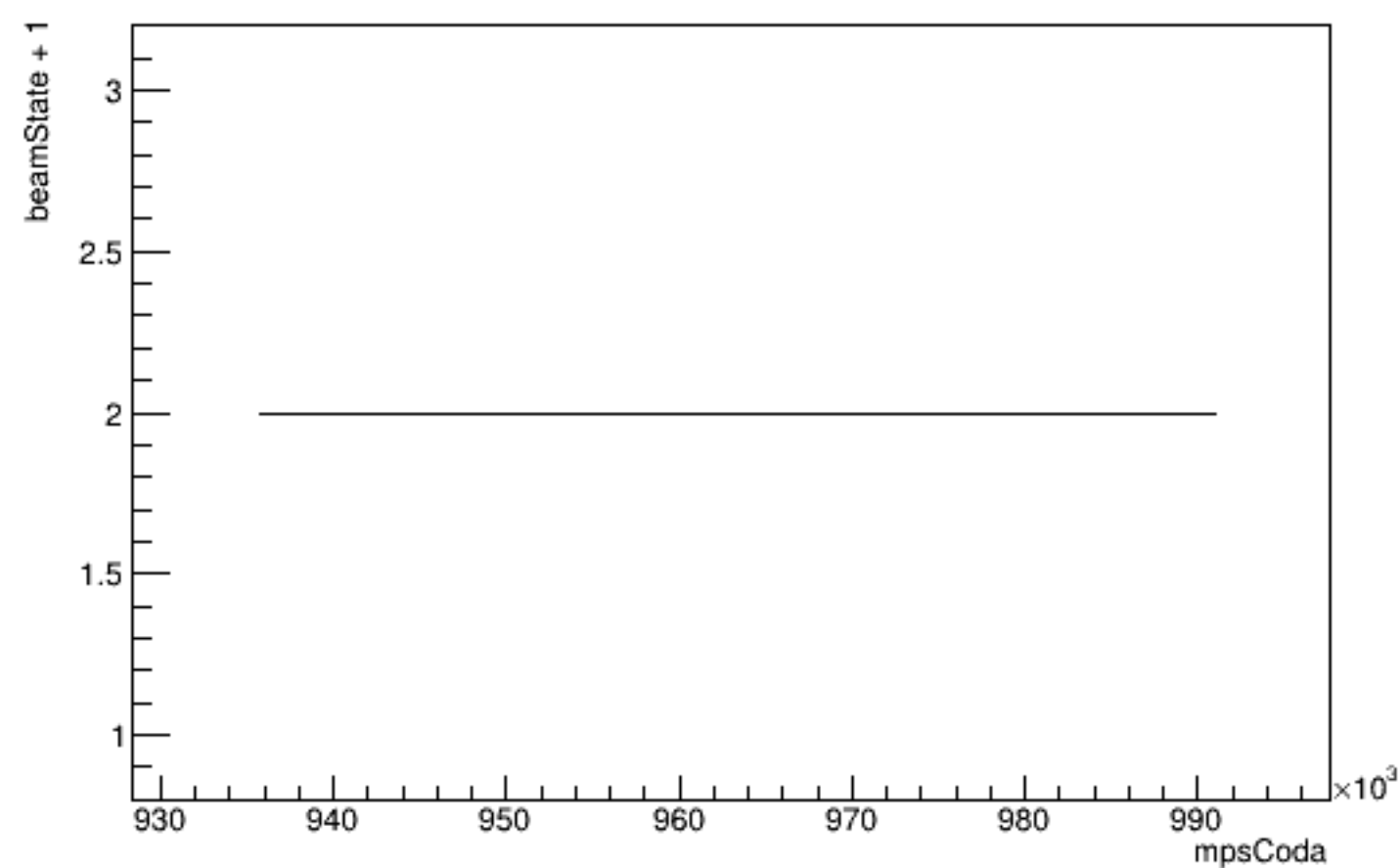
Acc0/NAcc0:mpsCoda (mpsCoda>=935709 && mpsCoda<=990916 && beamState==1)



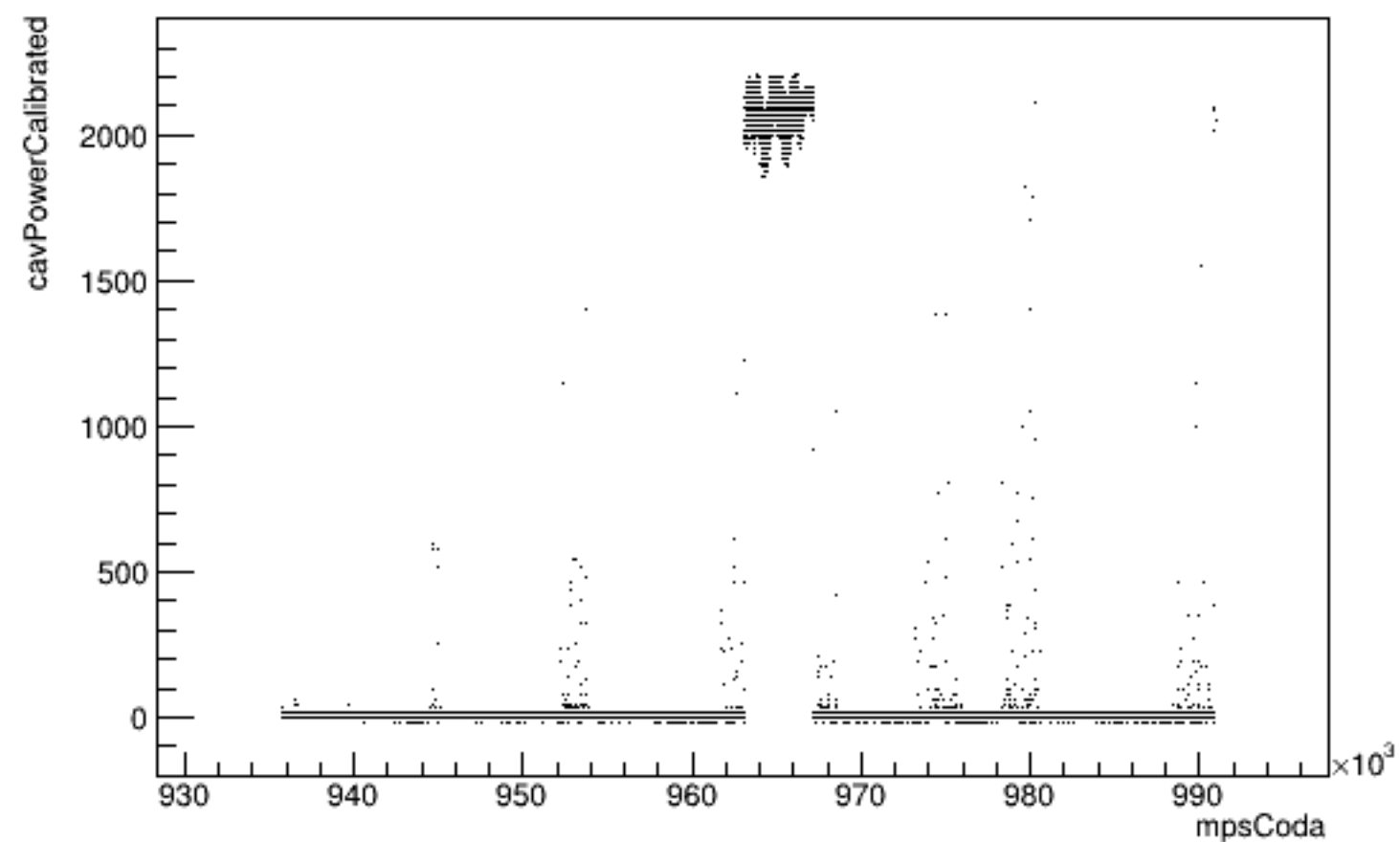
laserState:mpsCoda {mpsCoda>=935709 && mpsCoda<=990916}



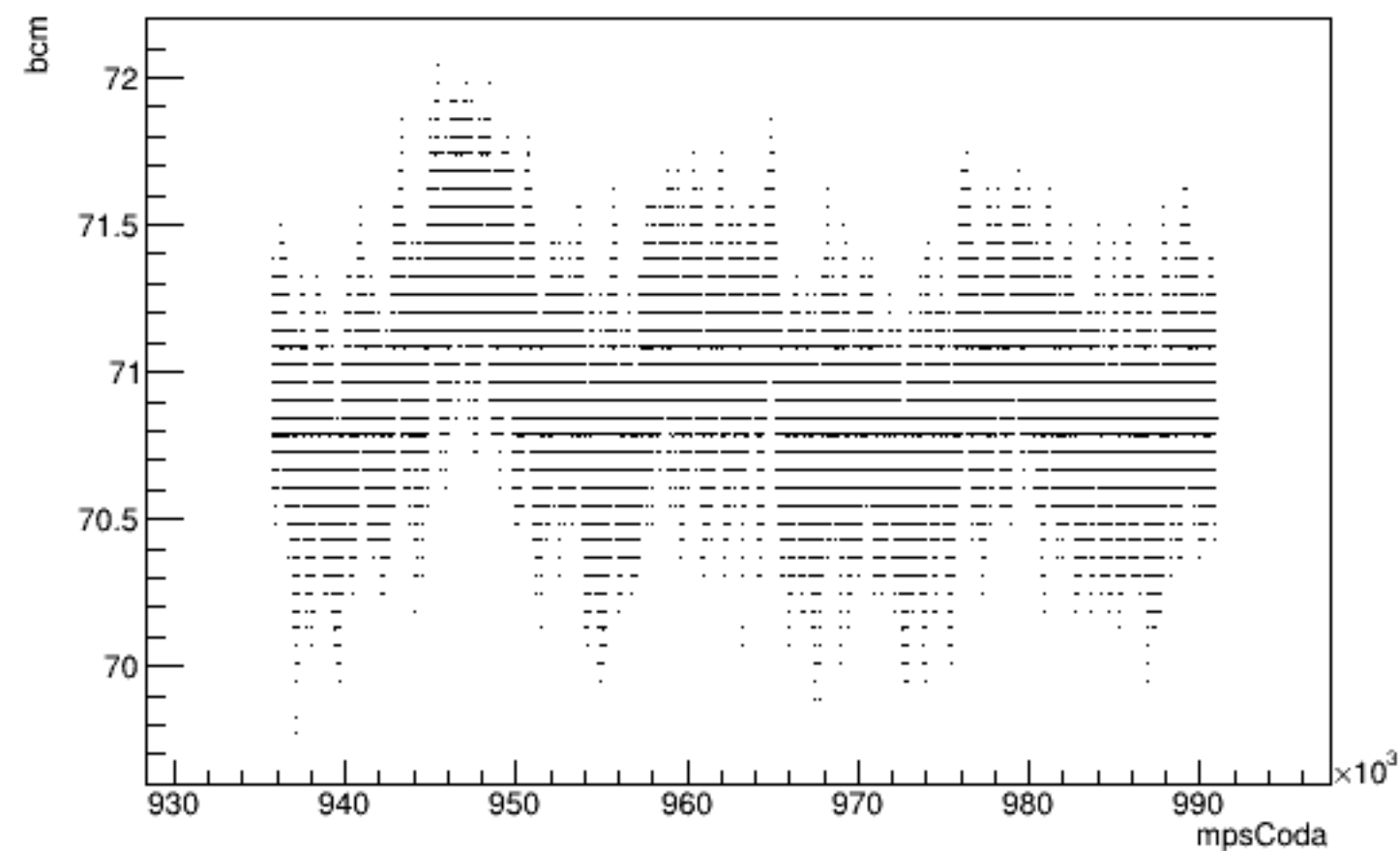
beamState + 1:mpsCoda {mpsCoda>=935709 && mpsCoda<=990916}



cavPowerCalibrated:mpsCoda {mpsCoda>=935709 && mpsCoda<=990916}



bcm:mpsCoda {mpsCoda>=935709 && mpsCoda<=990916}



Cycle 20, Diffs

Entries: 3147

Mean: -0.0005 +/- 0.0049

Std Dev: 0.2722 +/- 0.0034

Entries: 4661

Mean: 0.1081 +/- 0.0048

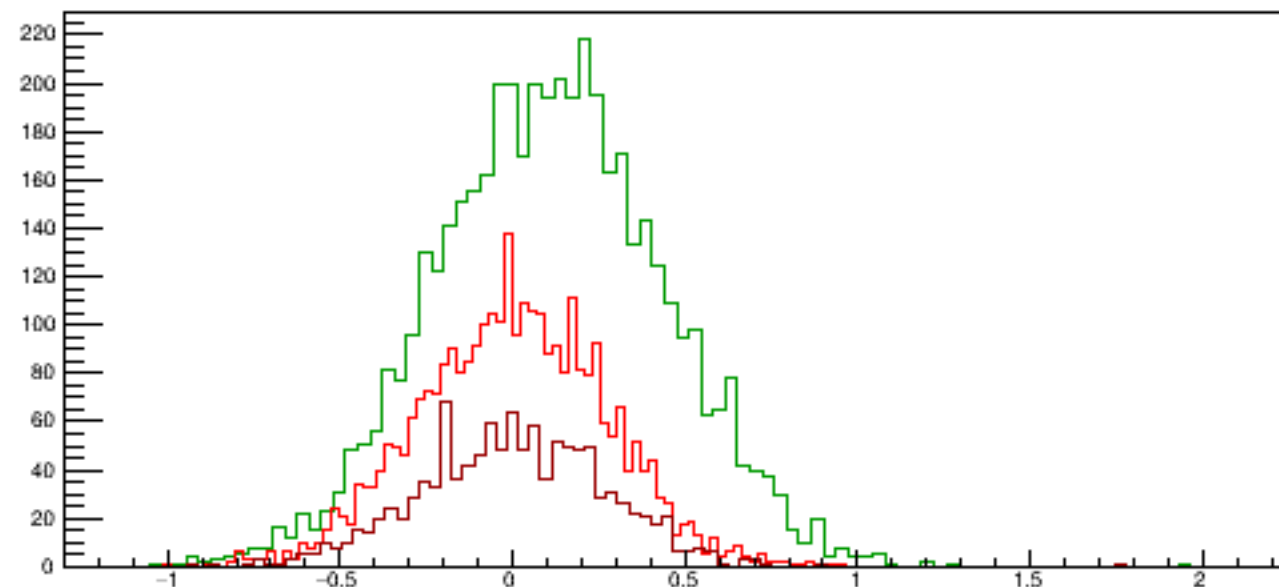
Std Dev: 0.3285 +/- 0.0034

Entries: 1144

Mean: 0.0007 +/- 0.0080

Std Dev: 0.2706 +/- 0.0057

Run 4562 quartetwise, Diffs



Cycle 20, Sums

Entries: 3147

Mean: 15.5062 +/- 0.0067

Std Dev: 0.3759 +/- 0.0047

Entries: 4661

Mean: 23.0817 +/- 0.0066

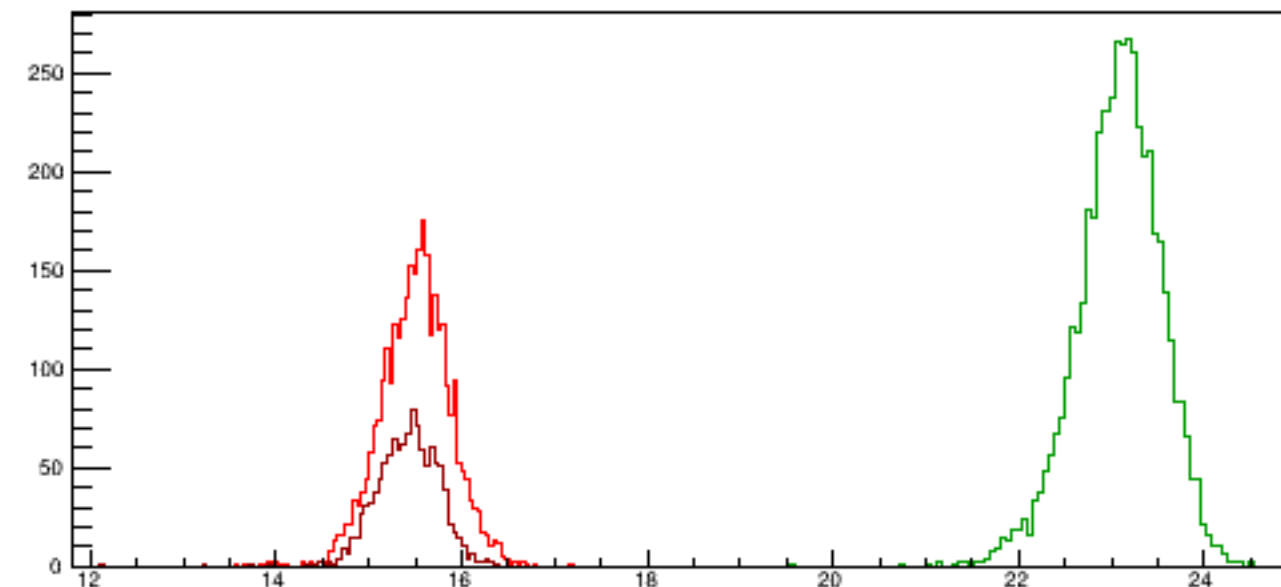
Std Dev: 0.4534 +/- 0.0047

Entries: 1144

Mean: 15.4134 +/- 0.0102

Std Dev: 0.3453 +/- 0.0072

Run 4562 quartetwise, Sums



Cycle 20, Asyms

Entries: 3147

Mean: -0.0001 +/- 0.0006

Std Dev: 0.0357 +/- 0.0005

Entries: 4661

Mean: 0.0143 +/- 0.0006

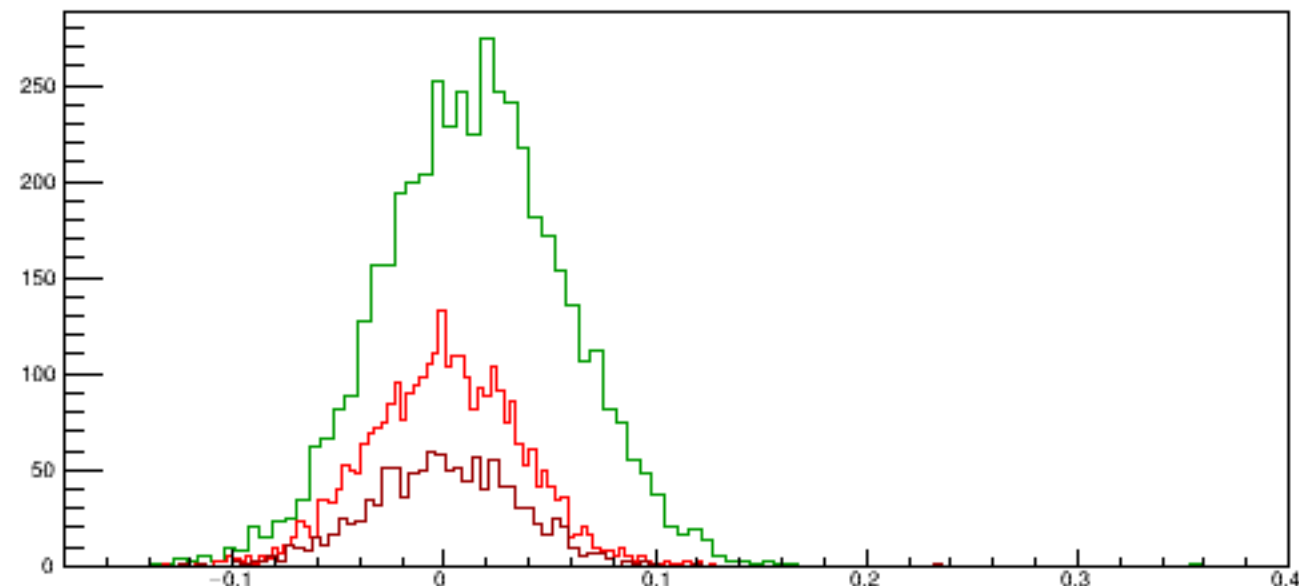
Std Dev: 0.0435 +/- 0.0005

Entries: 1144

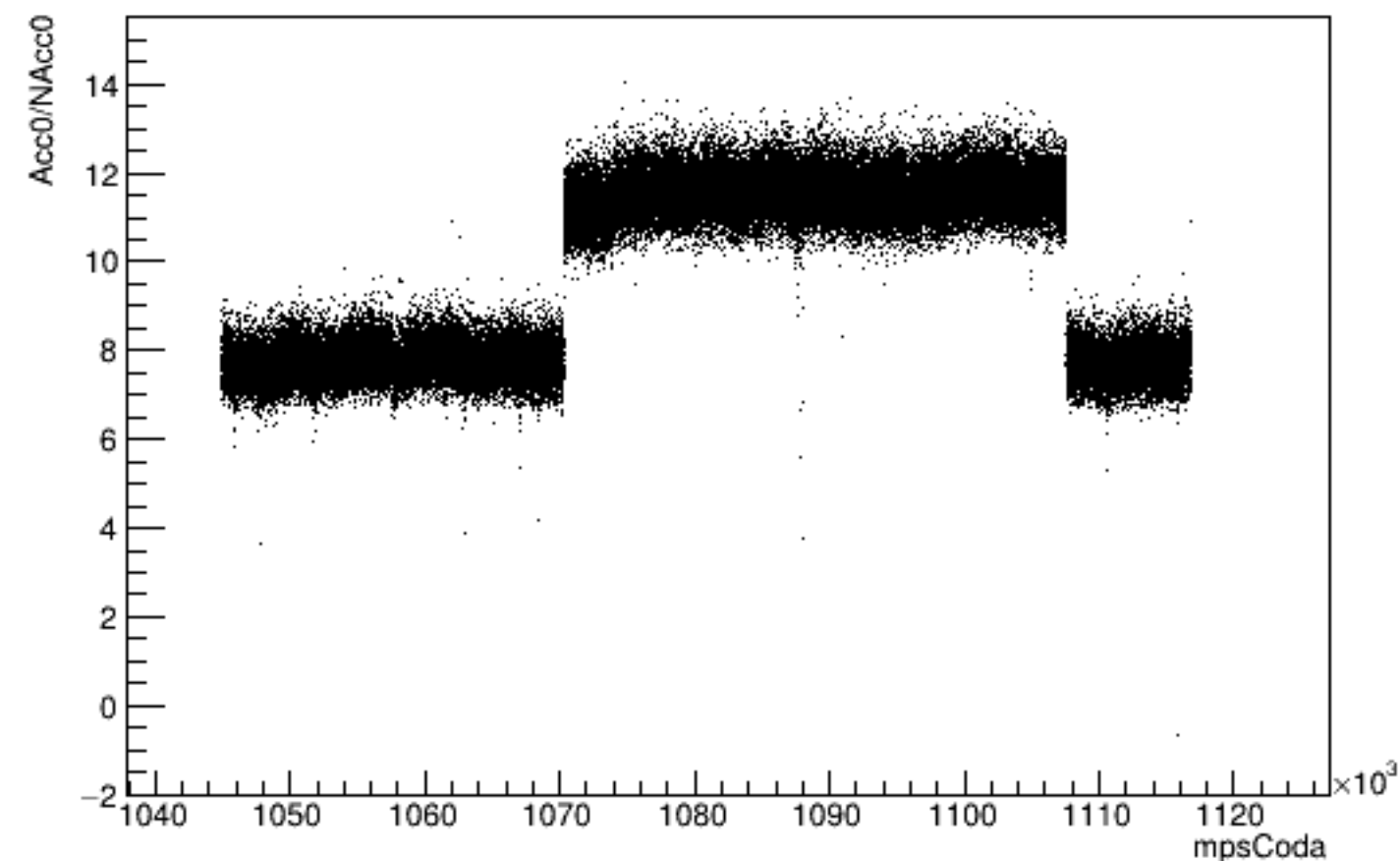
Mean: 0.0001 +/- 0.0010

Std Dev: 0.0355 +/- 0.0007

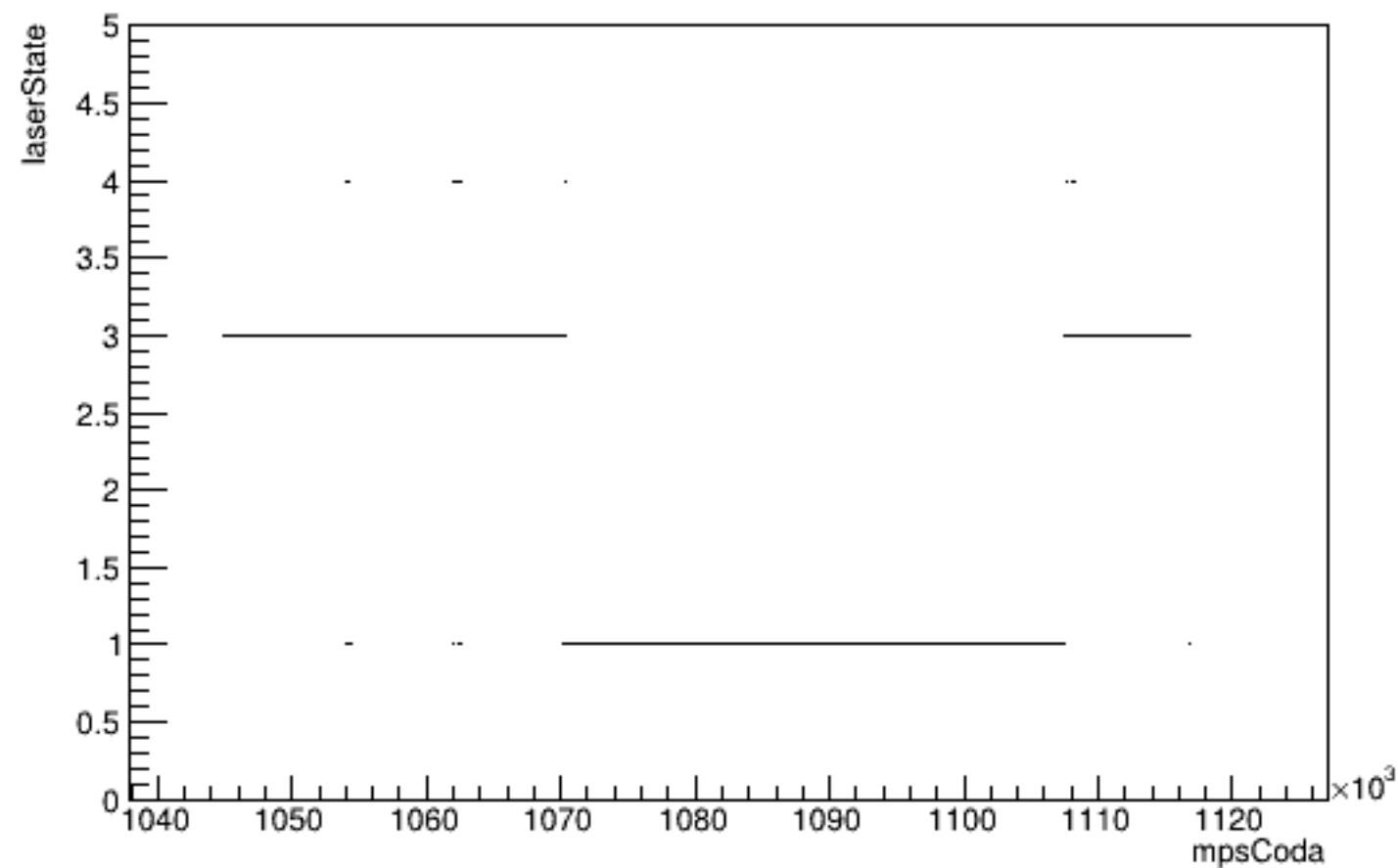
Run 4562 quartetwise, Asyms



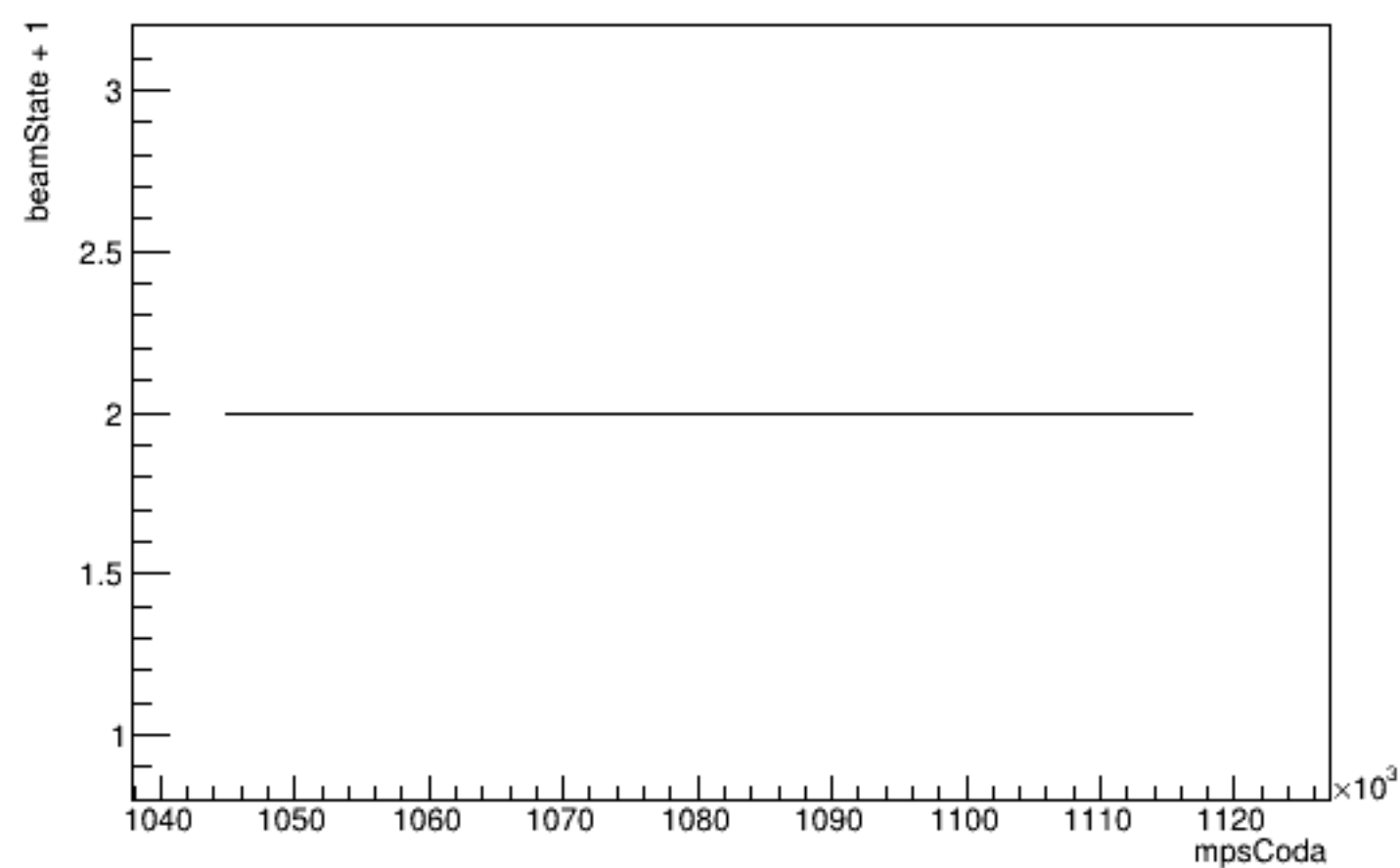
Acc0/NAcc0:mpsCoda (mpsCoda>=1044941 && mpsCoda<=1116756 && beamState==1)



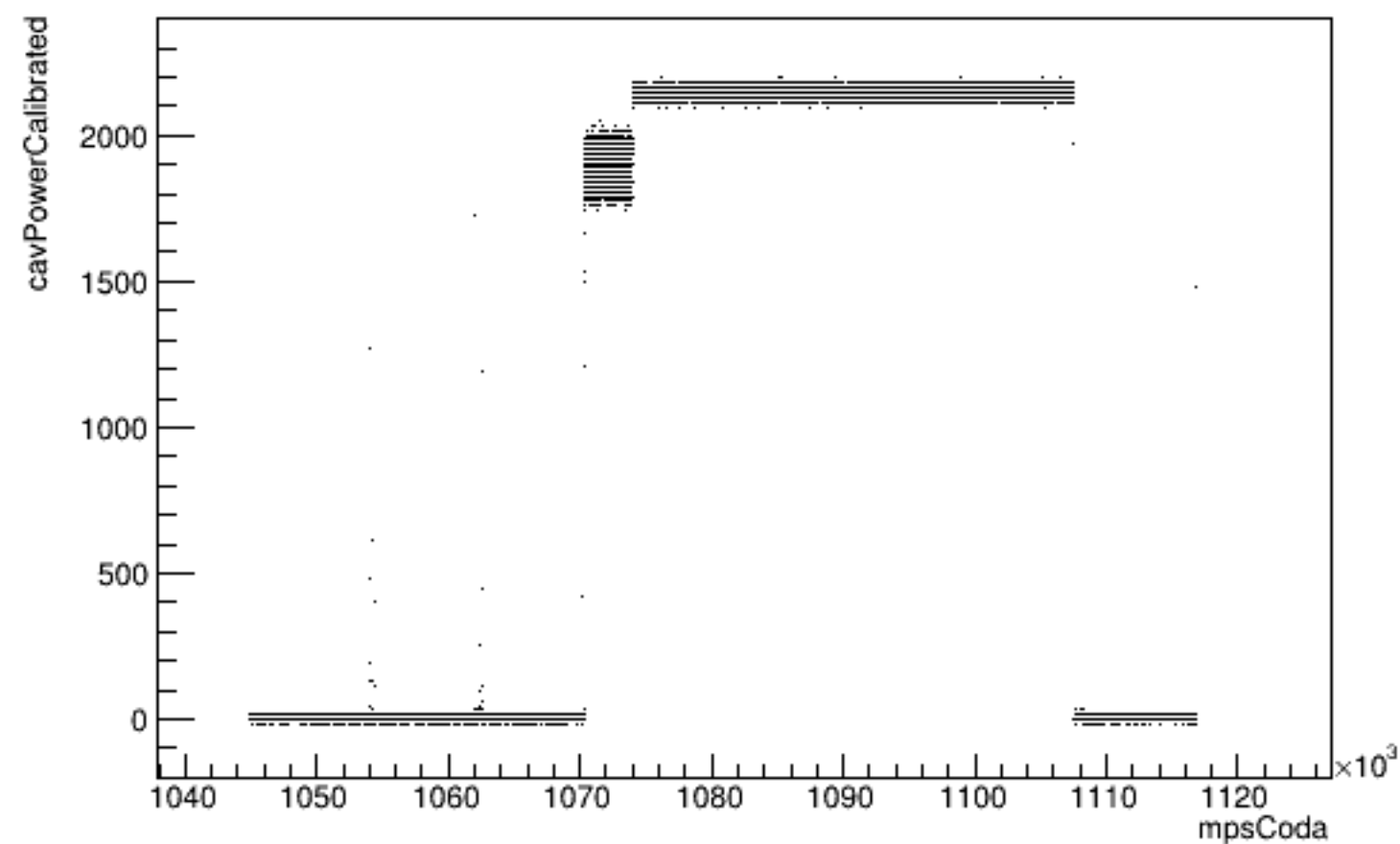
laserState:mpsCoda {mpsCoda>=1044941 && mpsCoda<=1116756}



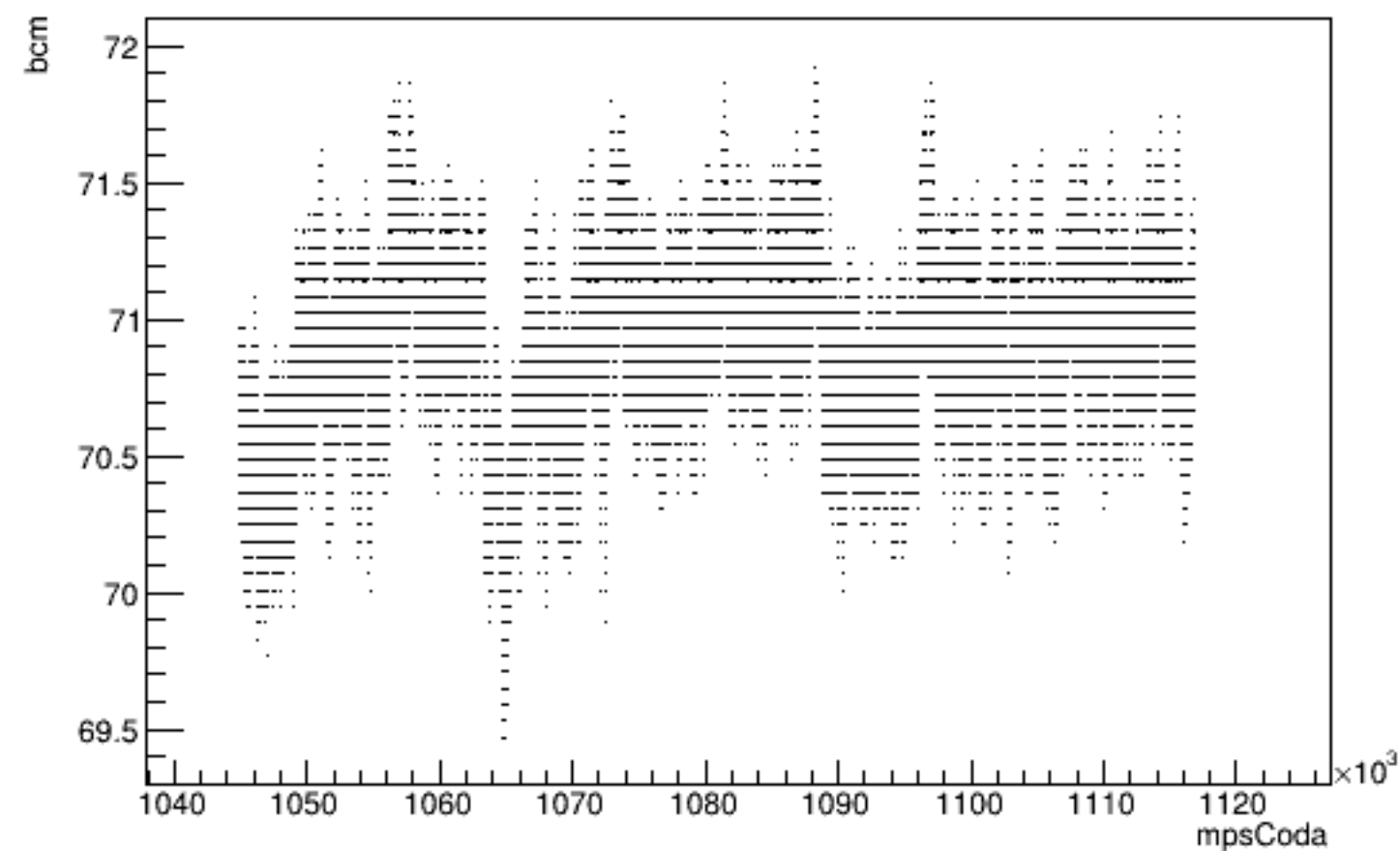
beamState + 1:mpsCoda {mpsCoda>=1044941 && mpsCoda<=1116756}



cavPowerCalibrated:mpsCoda {mpsCoda>=1044941 && mpsCoda<=1116756}



bcm:mpsCoda {mpsCoda>=1044941 && mpsCoda<=1116756}



Cycle 21, Diffs

Entries: 1144

Mean: 0.0007 +/- 0.0080

Std Dev: 0.2706 +/- 0.0057

Entries: 4619

Mean: 0.1115 +/- 0.0049

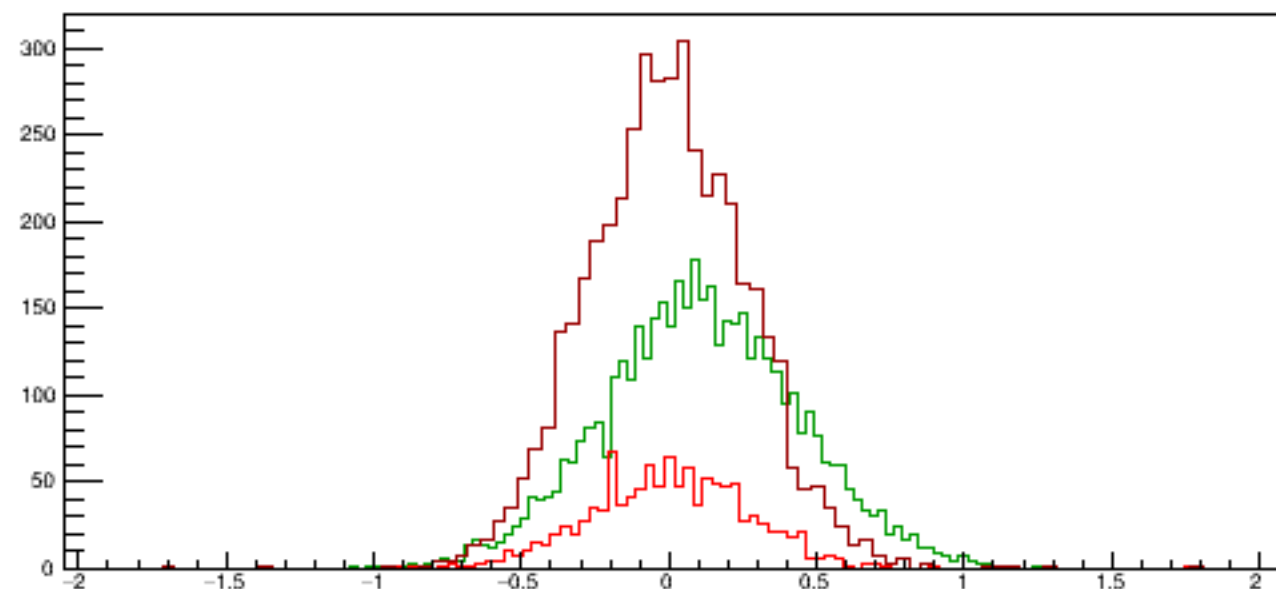
Std Dev: 0.3310 +/- 0.0034

Entries: 4520

Mean: -0.0048 +/- 0.0040

Std Dev: 0.2698 +/- 0.0028

Run 4562 quartetwise, Diffs



Cycle 21, Sums

Entries: 1144

Mean: 15.4134 +/- 0.0102

Std Dev: 0.3453 +/- 0.0072

Entries: 4619

Mean: 22.9797 +/- 0.0060

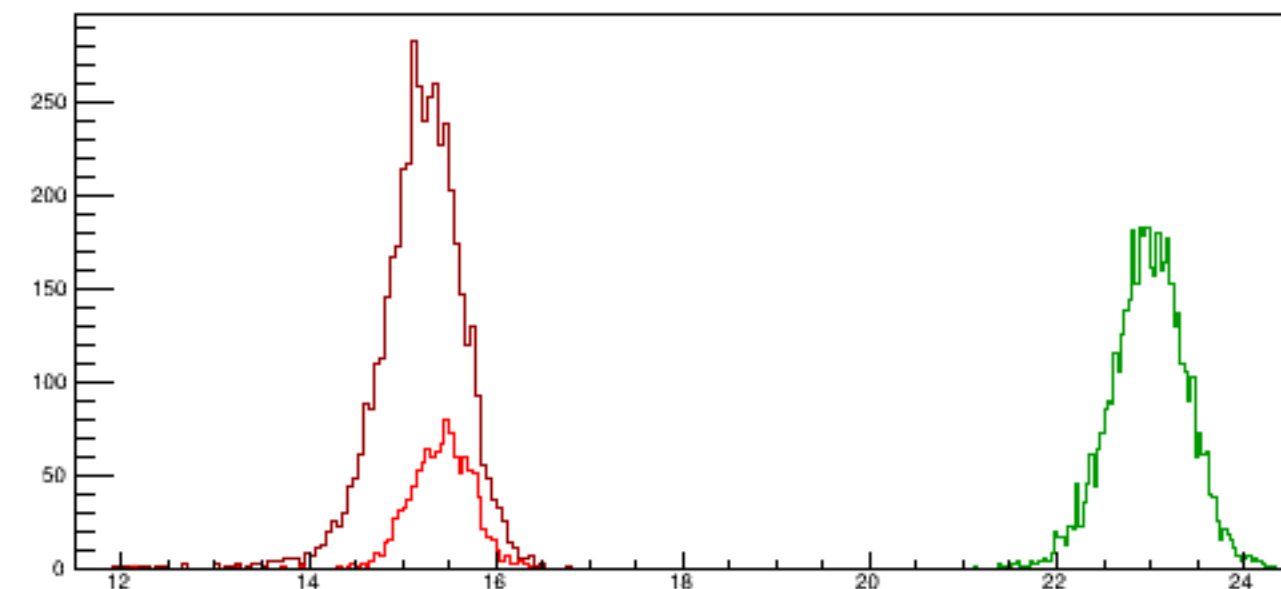
Std Dev: 0.4084 +/- 0.0042

Entries: 4520

Mean: 15.1944 +/- 0.0067

Std Dev: 0.4506 +/- 0.0047

Run 4562 quartetwise, Sums



Cycle 21, Asyms

Entries: 1144

Mean: 0.0001 +/- 0.0010

Std Dev: 0.0353 +/- 0.0007

Entries: 4619

Mean: 0.0145 +/- 0.0006

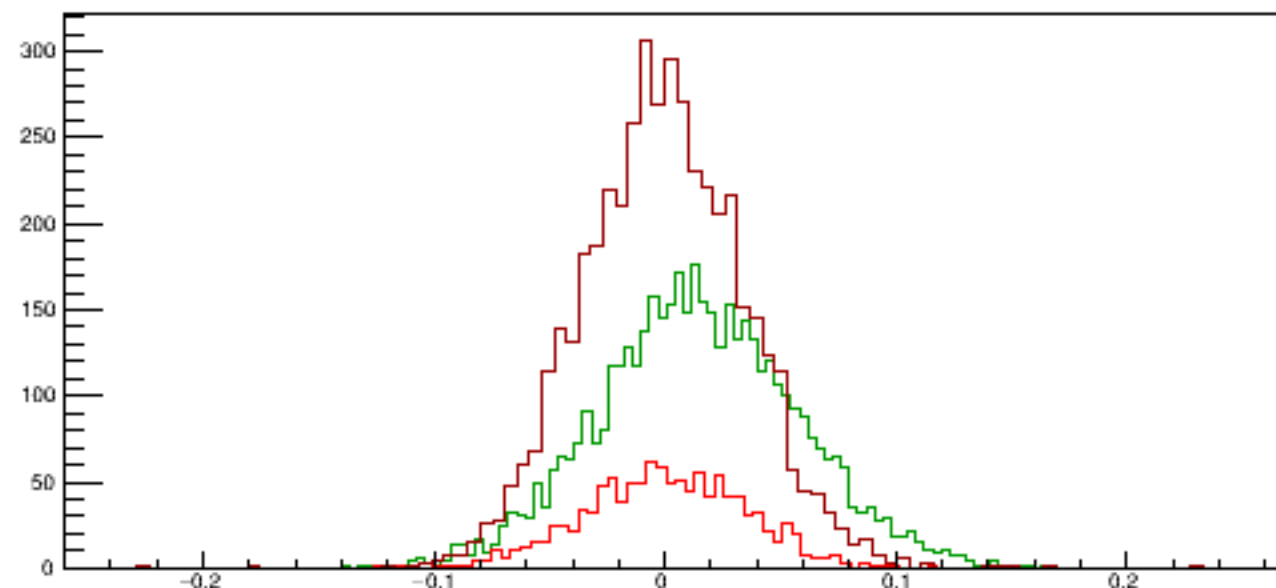
Std Dev: 0.0431 +/- 0.0004

Entries: 4520

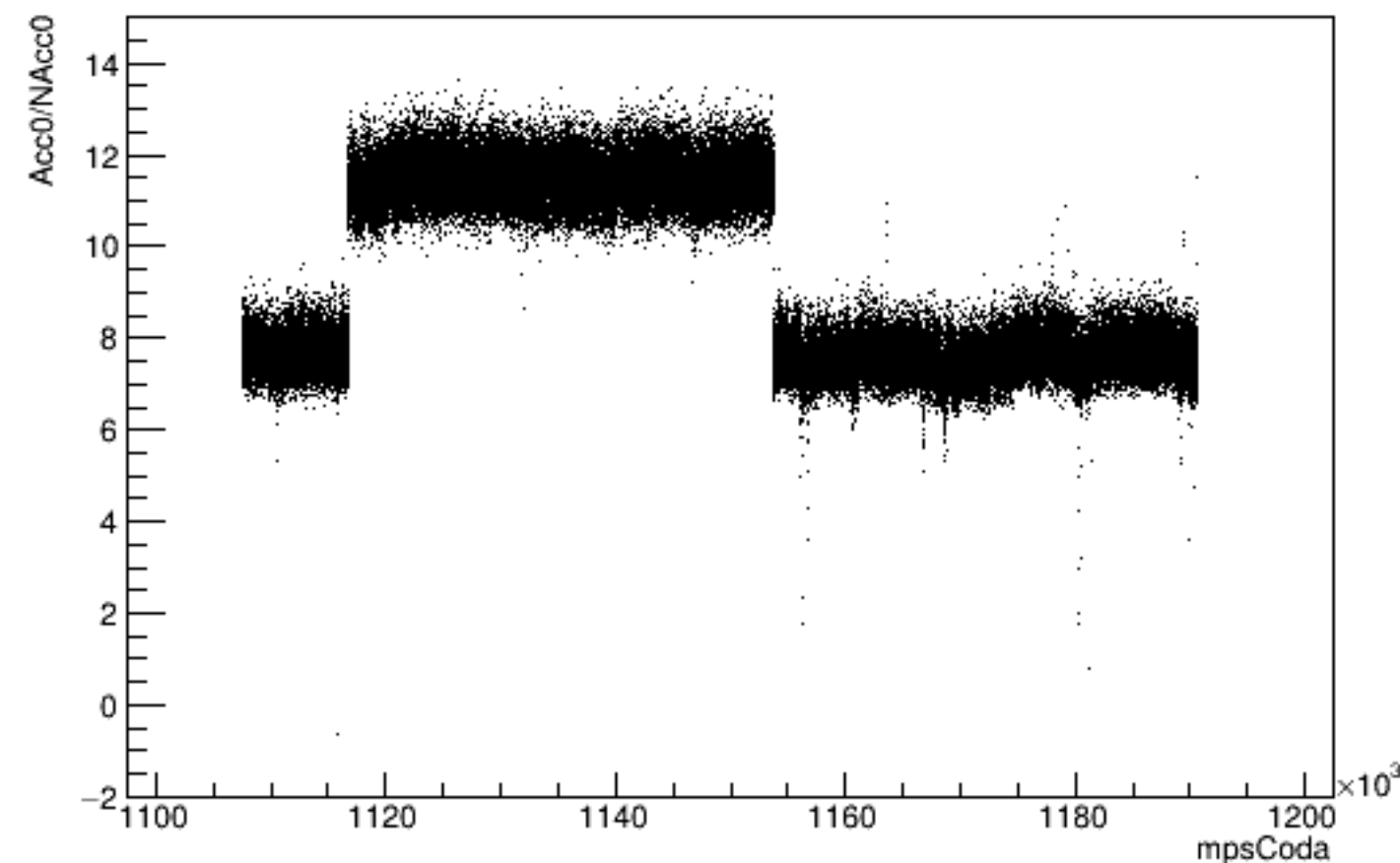
Mean: -0.0006 +/- 0.0005

Std Dev: 0.0352 +/- 0.0004

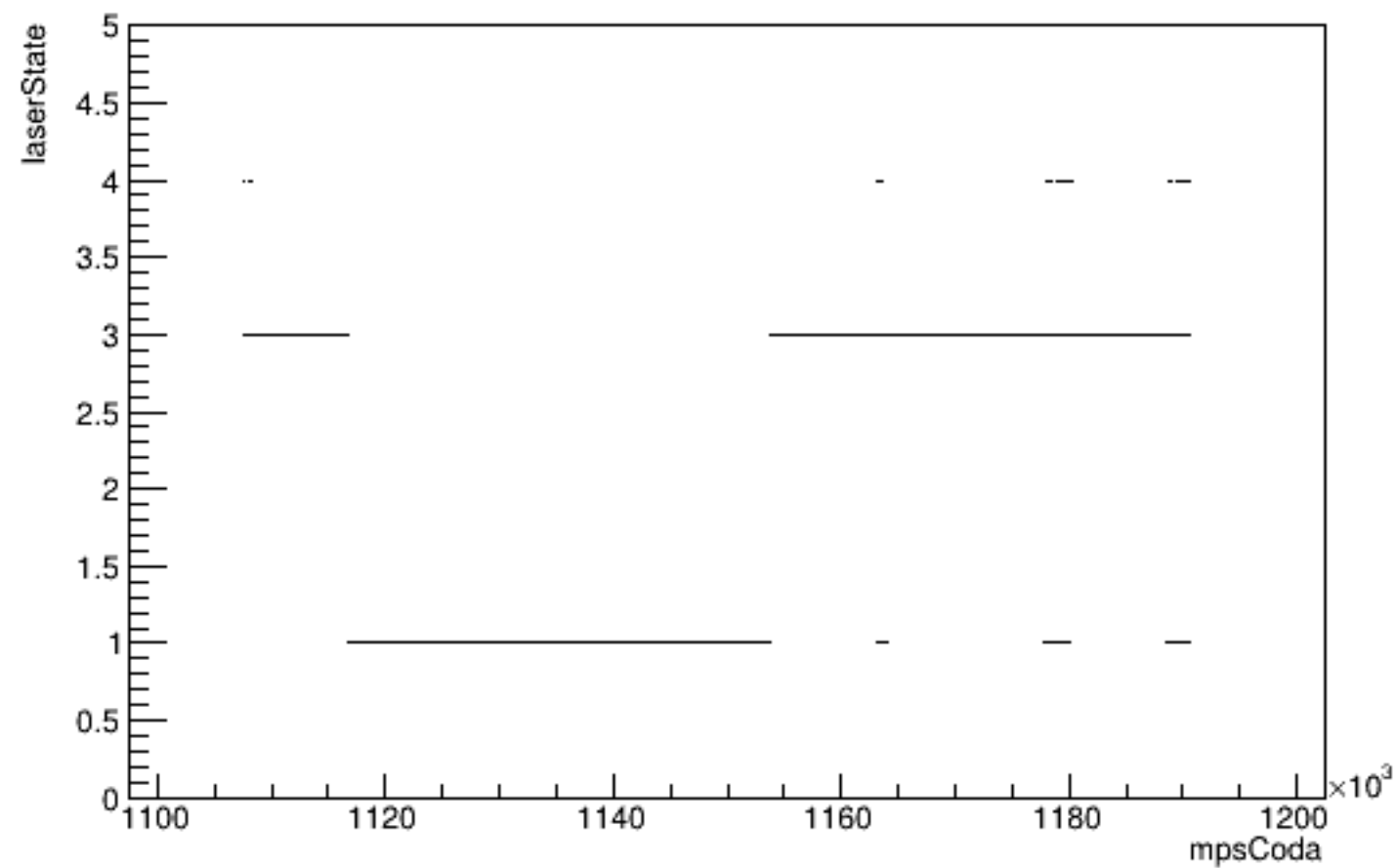
Run 4562 quartetwise, Asyms



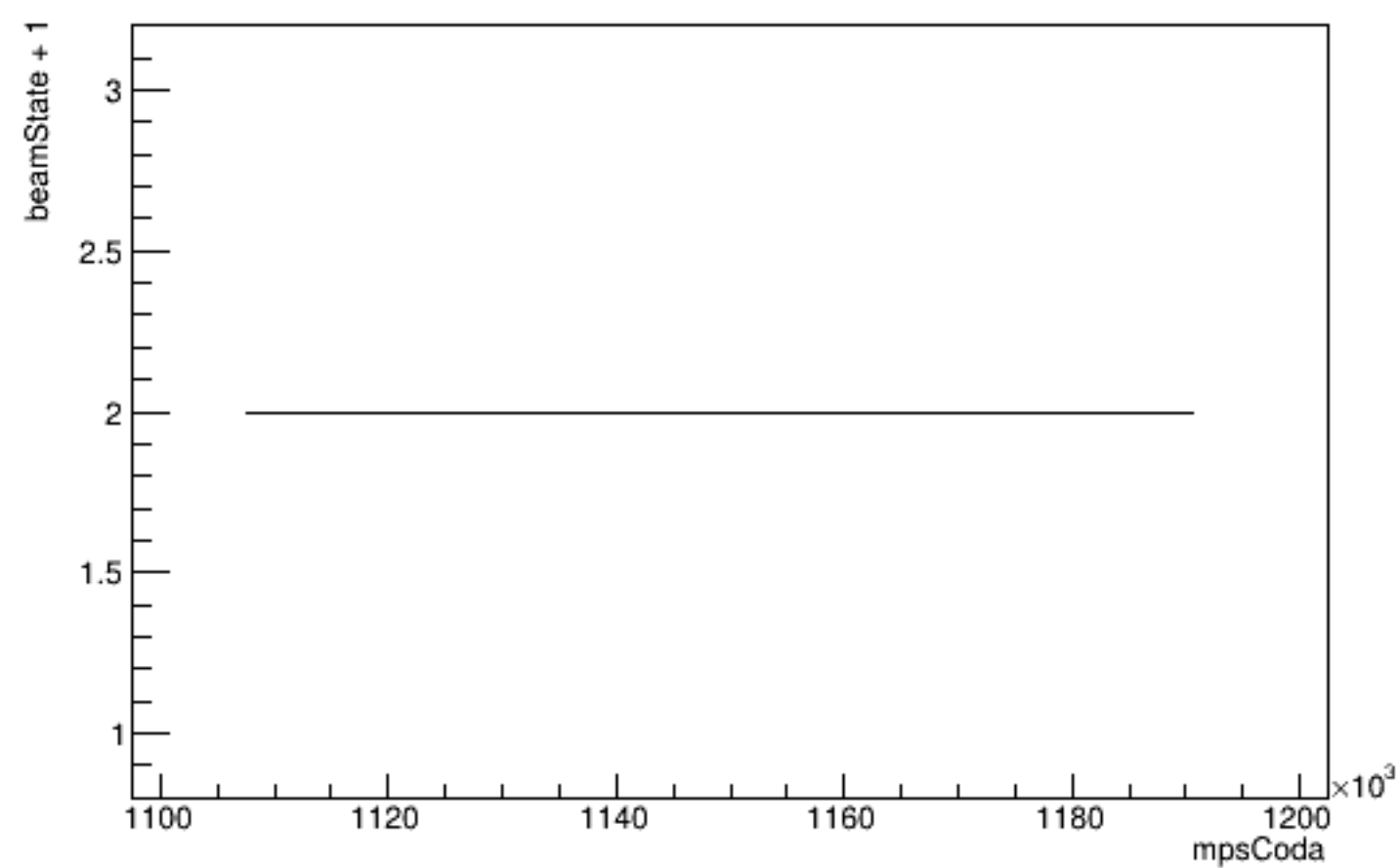
Acc0/NAcc0:mpsCoda (mpsCoda>=1107565 && mpsCoda<=1190628 && beamState==1)



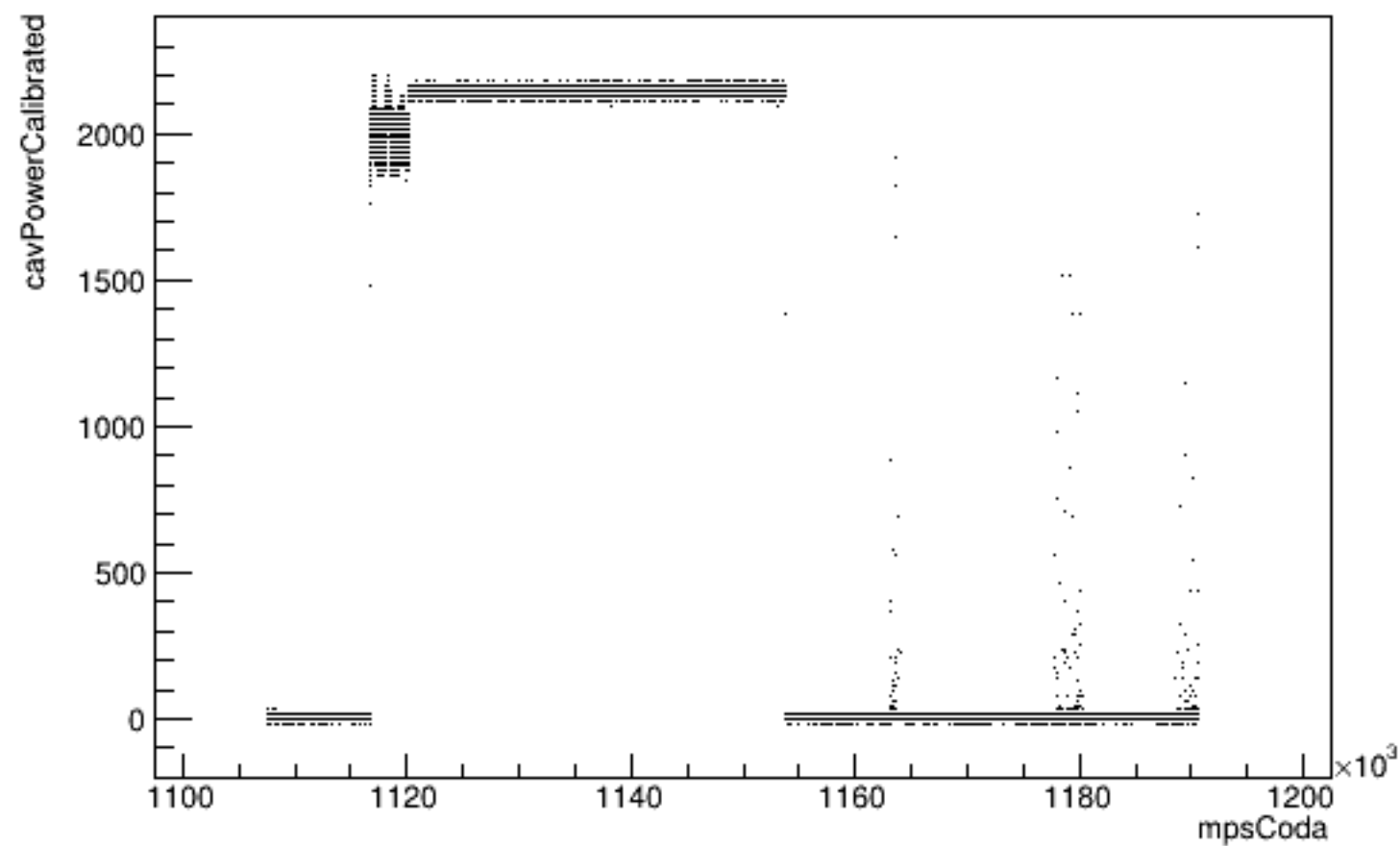
laserState:mpsCoda {mpsCoda>=1107565 && mpsCoda<=1190628}



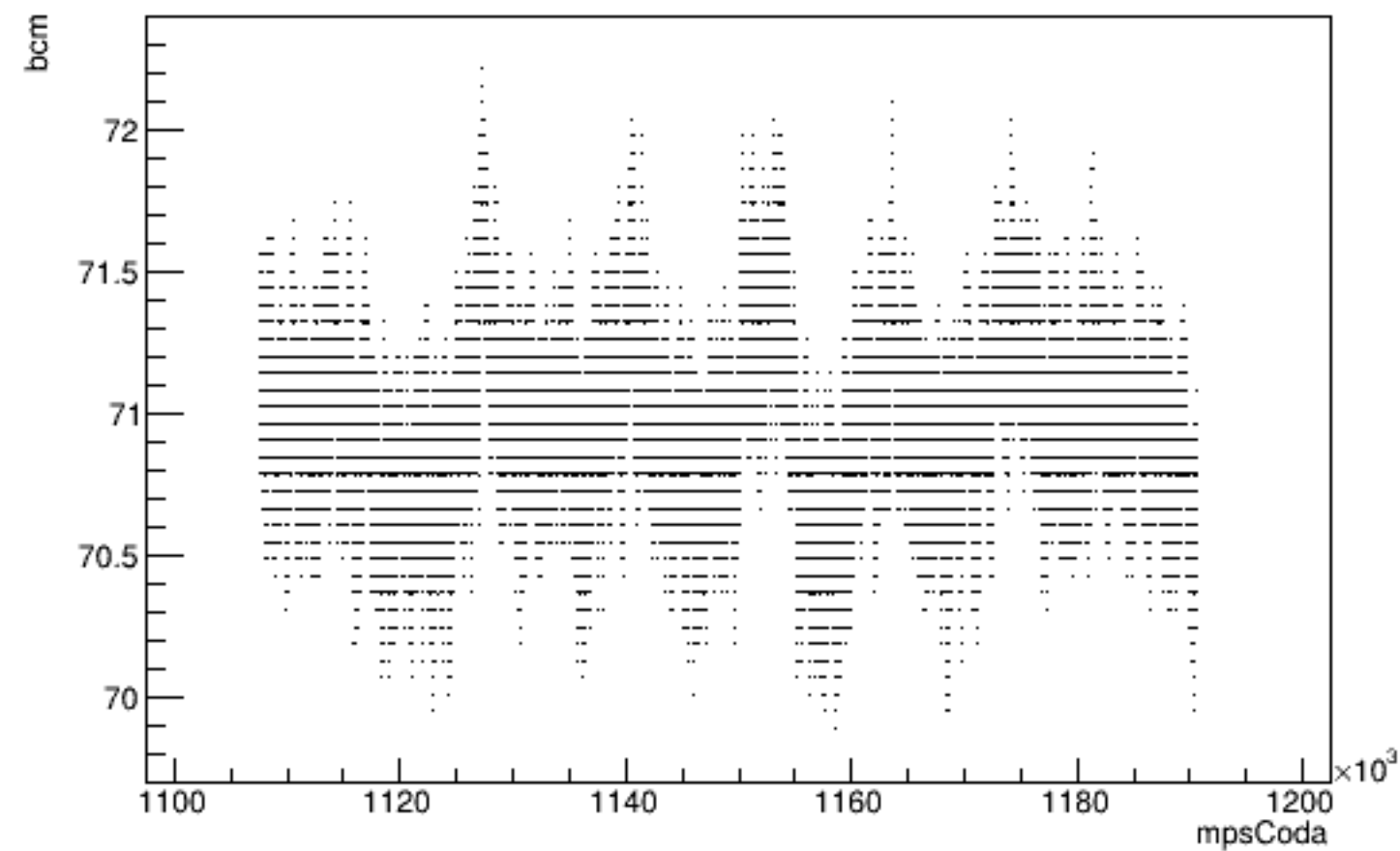
beamState + 1:mpsCoda {mpsCoda>=1107565 && mpsCoda<=1190628}



cavPowerCalibrated:mpsCoda {mpsCoda>=1107565 && mpsCoda<=1190628}



bcm:mpsCoda {mpsCoda>=1107565 && mpsCoda<=1190628}



Cycle 22, Diffs

Entries: 4520

Mean: -0.0048 +/- 0.0040

Std Dev: 0.2698 +/- 0.0028

Entries: 4612

Mean: 0.1094 +/- 0.0048

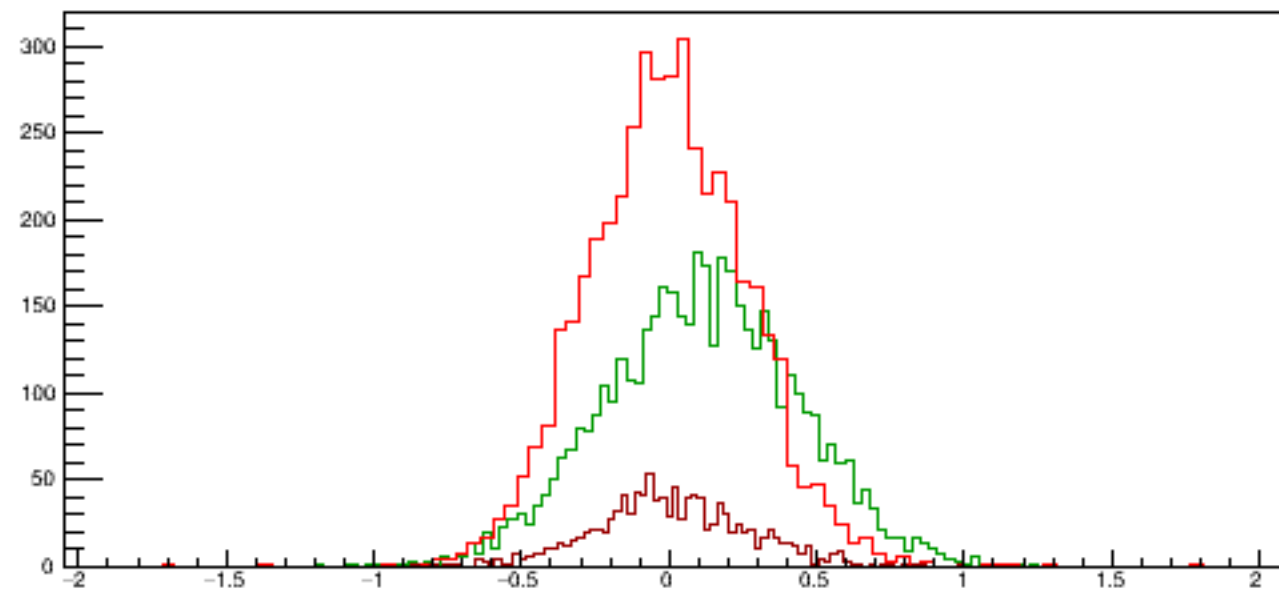
Std Dev: 0.3264 +/- 0.0034

Entries: 1151

Mean: 0.0108 +/- 0.0078

Std Dev: 0.2638 +/- 0.0055

Run 4562 quartetwise, Diffs



Cycle 22, Sums

Entries: 4520

Mean: 15.1944 +/- 0.0067

Std Dev: 0.4506 +/- 0.0047

Entries: 4612

Mean: 23.0071 +/- 0.0074

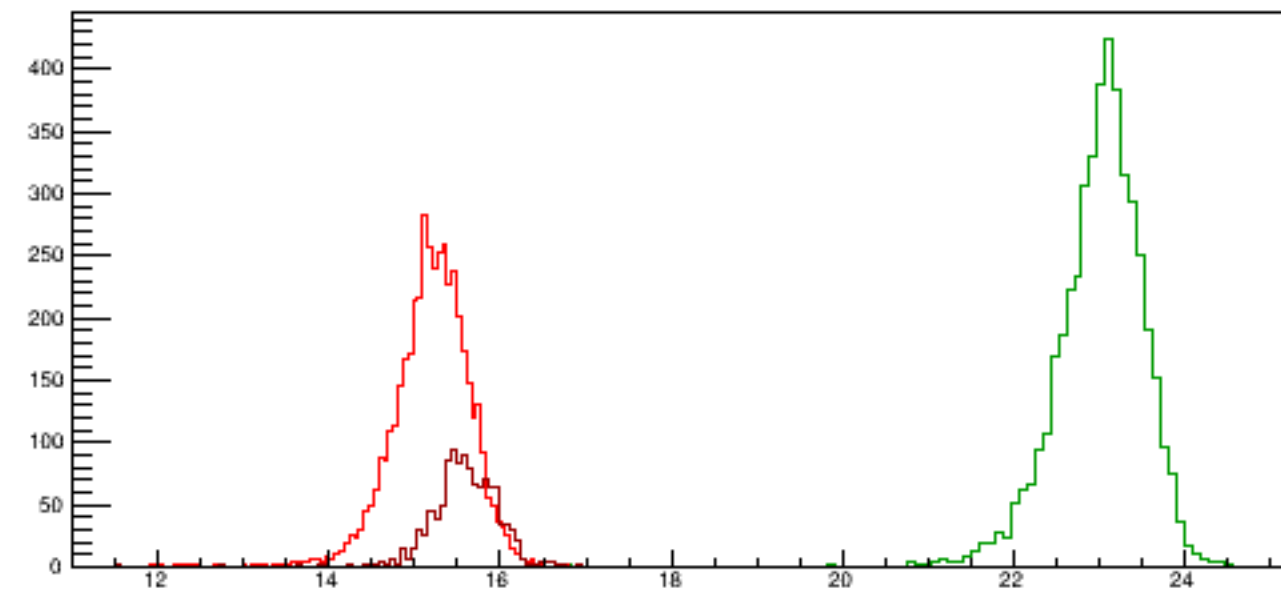
Std Dev: 0.5051 +/- 0.0053

Entries: 1151

Mean: 15.5959 +/- 0.0114

Std Dev: 0.3876 +/- 0.0081

Run 4562 quartetwise, Sums



Cycle 22, Asyms

Entries: 4520

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0354 +/- 0.0004

Entries: 4612

Mean: 0.0144 +/- 0.0006

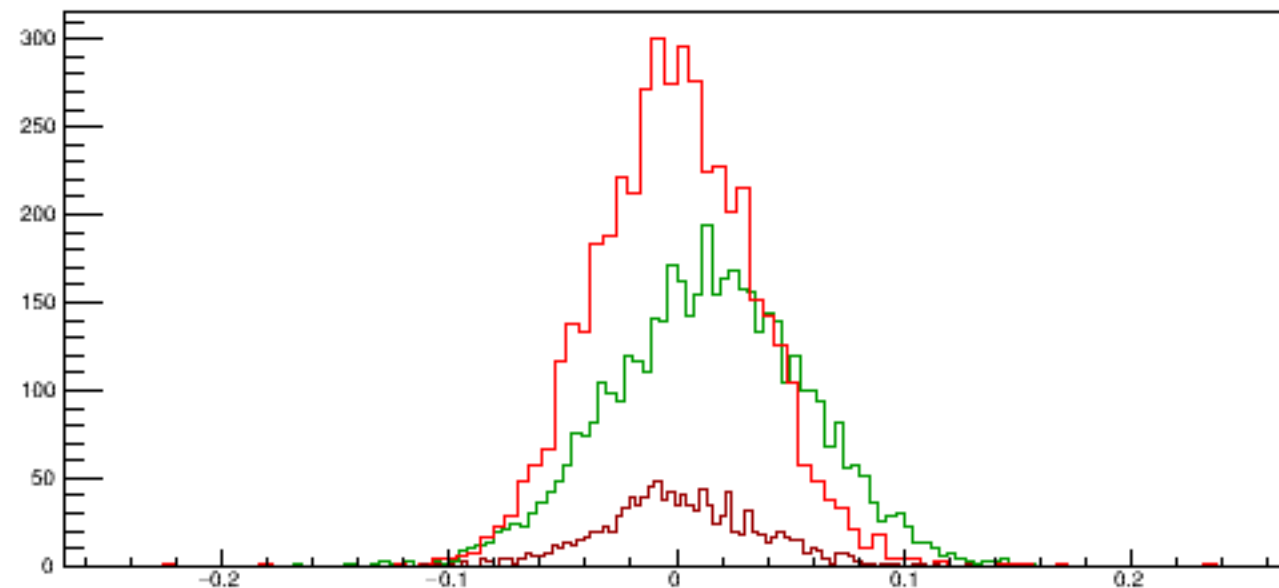
Std Dev: 0.0430 +/- 0.0004

Entries: 1151

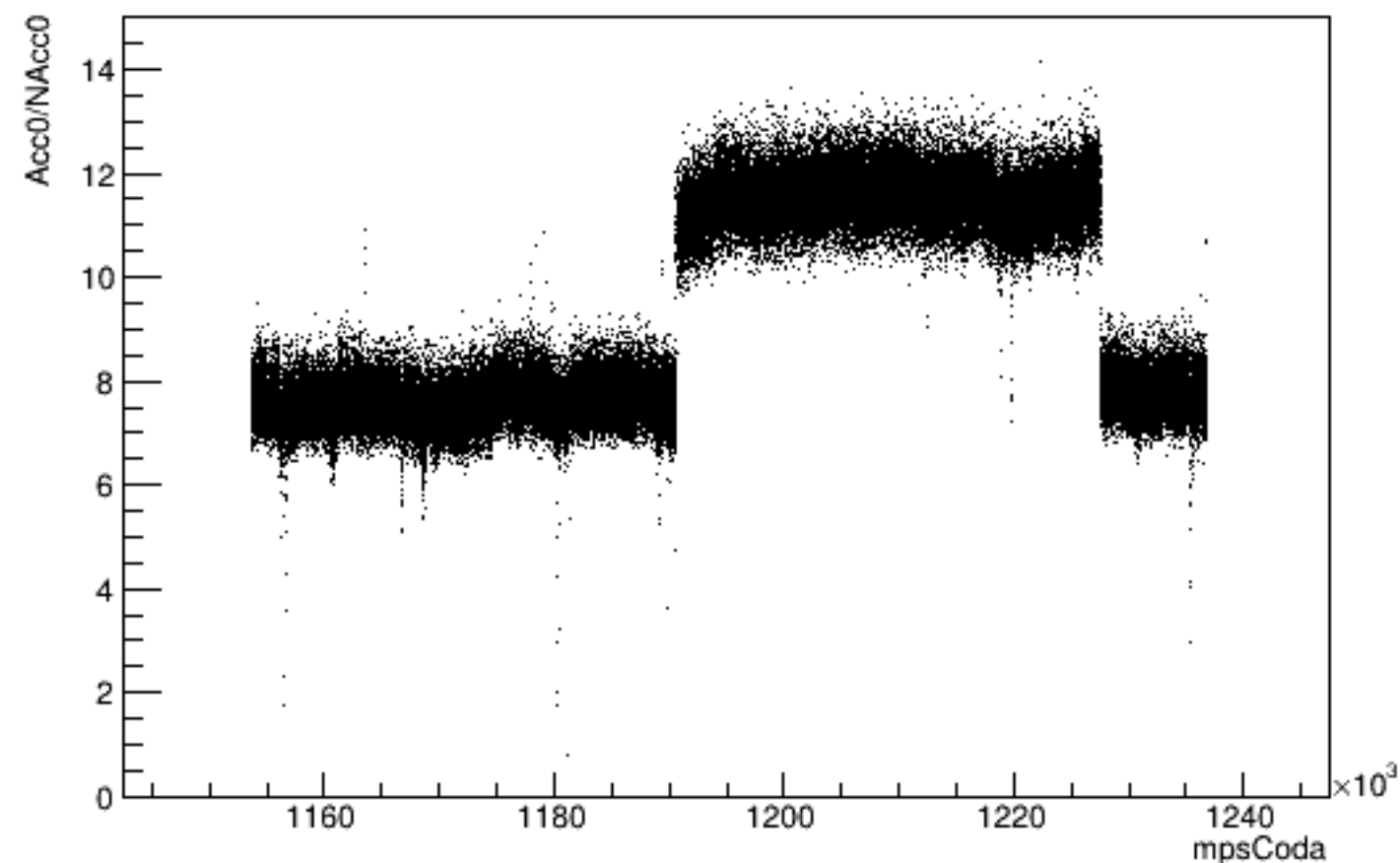
Mean: 0.0014 +/- 0.0010

Std Dev: 0.0347 +/- 0.0007

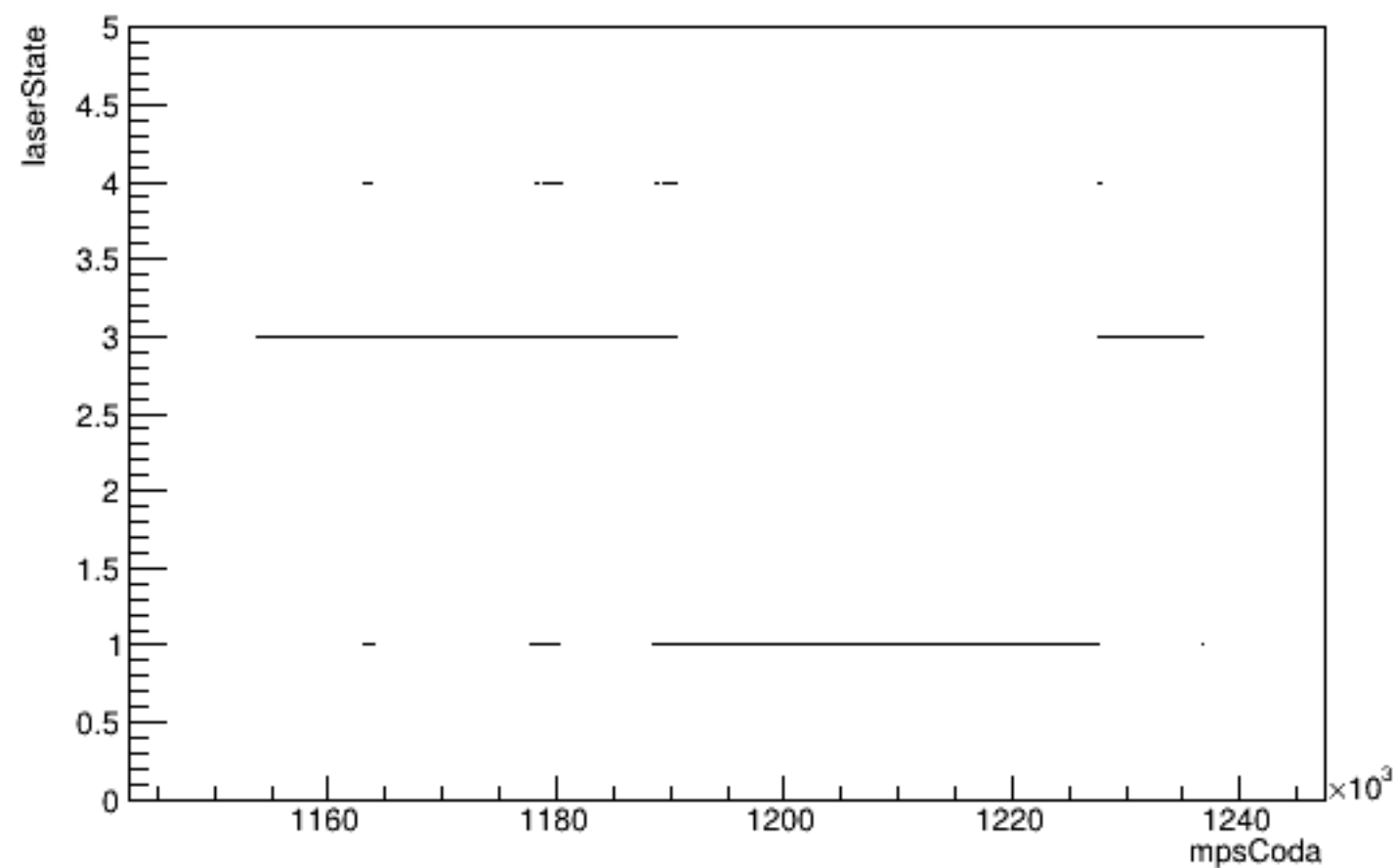
Run 4562 quartetwise, Asyms



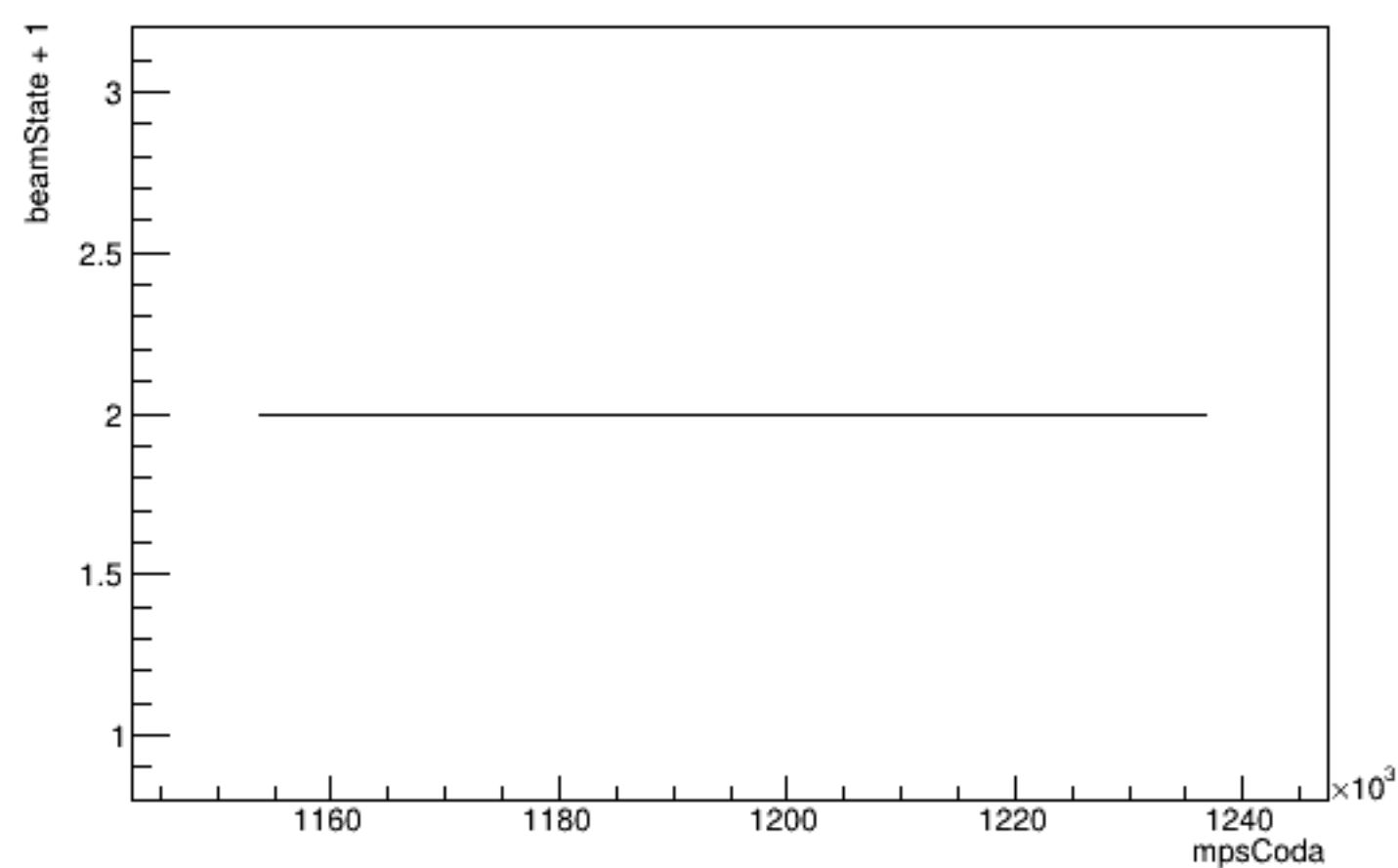
Acc0/NAcc0:mpsCoda (mpsCoda>=1153709 && mpsCoda<=1236764 && beamState==1)



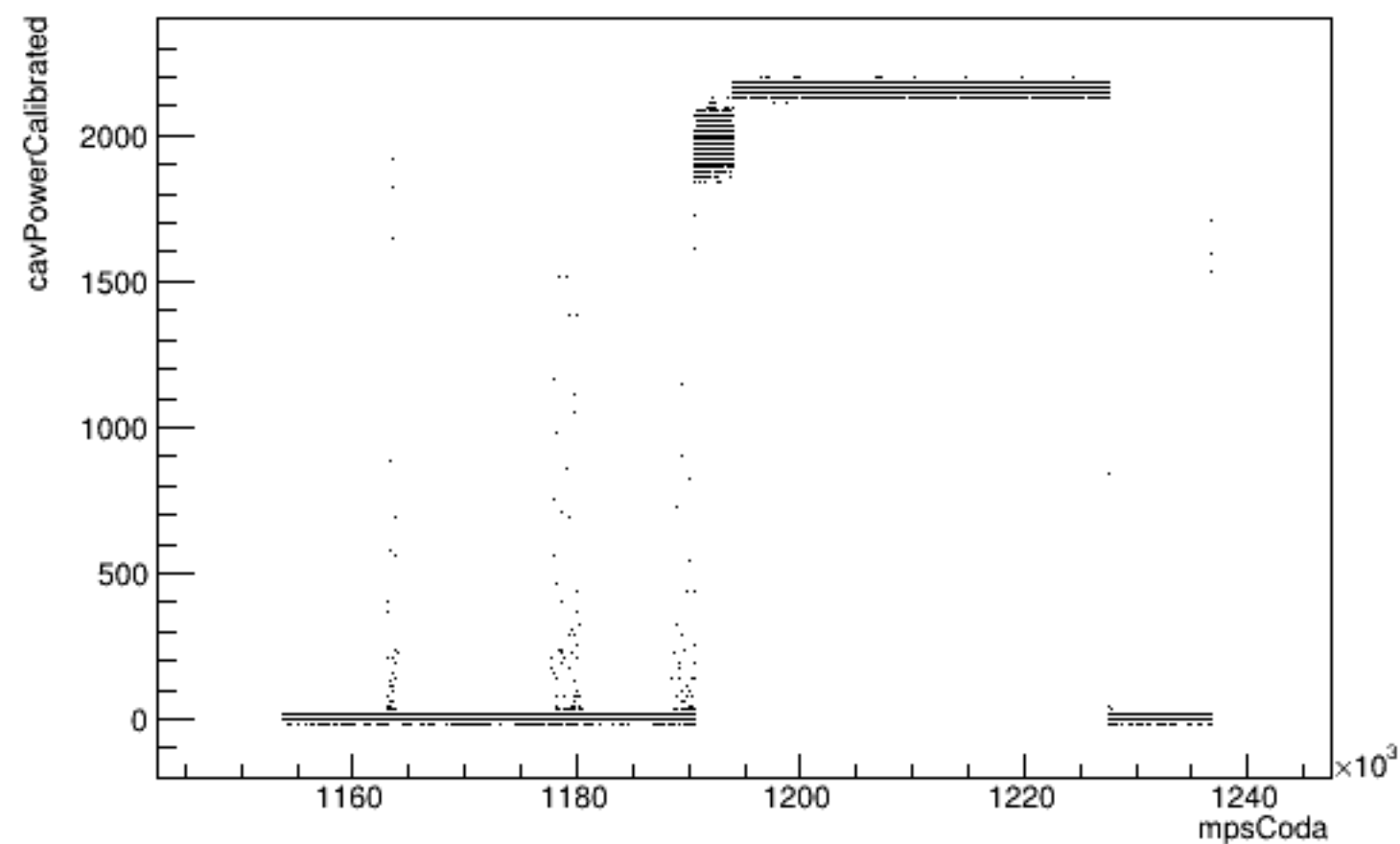
laserState:mpsCoda {mpsCoda>=1153709 && mpsCoda<=1236764}



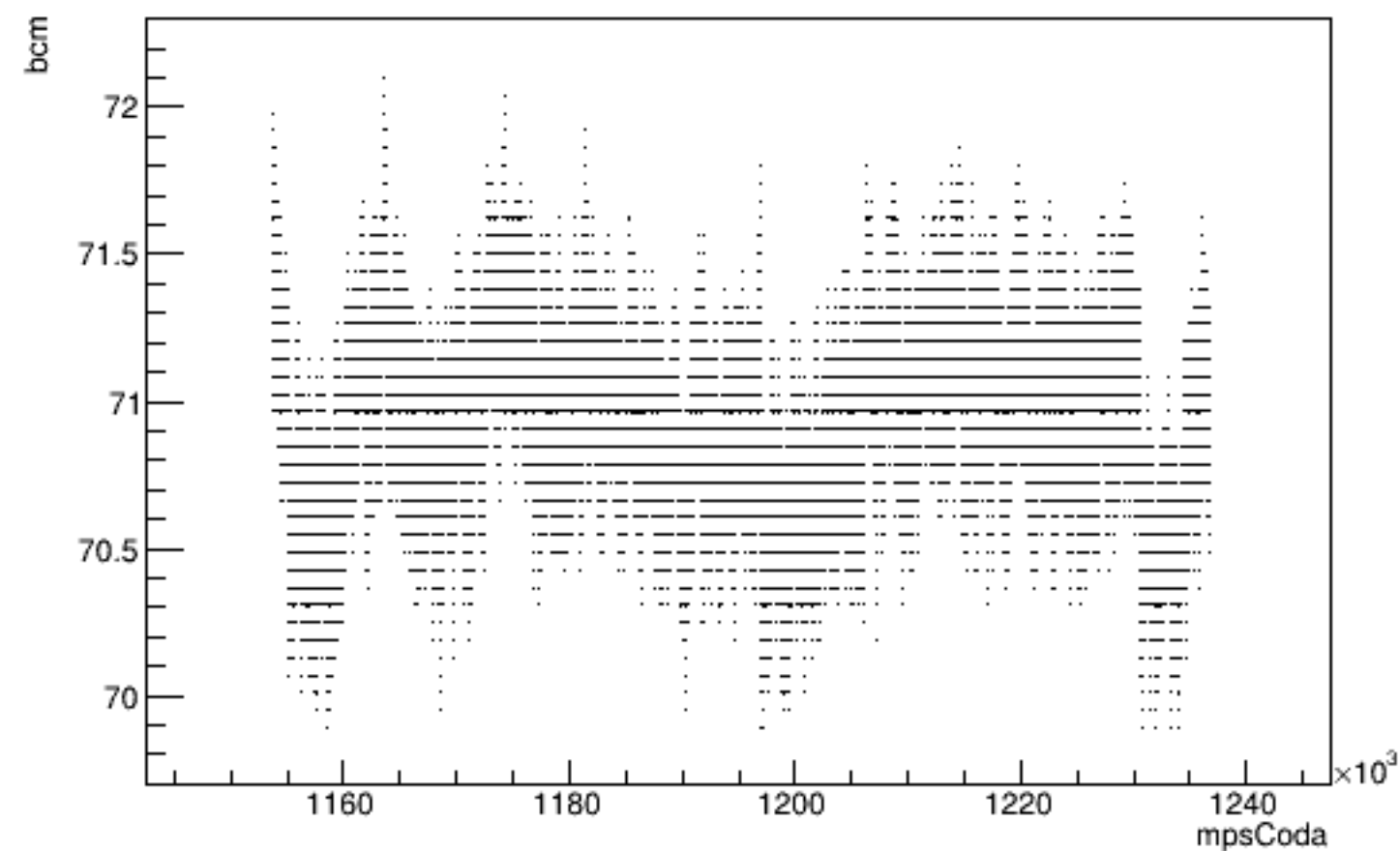
beamState + 1:mpsCoda {mpsCoda>=1153709 && mpsCoda<=1236764}



cavPowerCalibrated:mpsCoda {mpsCoda>=1153709 && mpsCoda<=1236764}



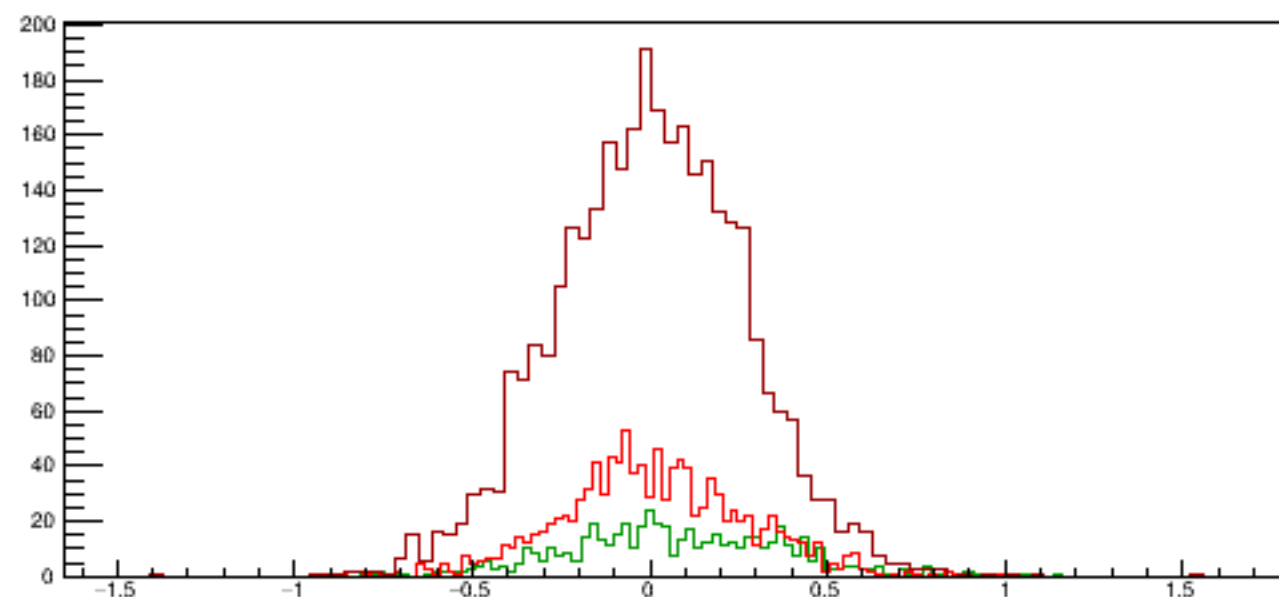
bcm:mpsCoda {mpsCoda>=1153709 && mpsCoda<=1236764}



Cycle 23, Diffs

Entries: 1151	Entries: 548	Entries: 3254
Mean: 0.0108 +/- 0.0078	Mean: 0.0771 +/- 0.0136	Mean: 0.0035 +/- 0.0047
Std Dev: 0.2638 +/- 0.0055	Std Dev: 0.3195 +/- 0.0097	Std Dev: 0.2683 +/- 0.0033

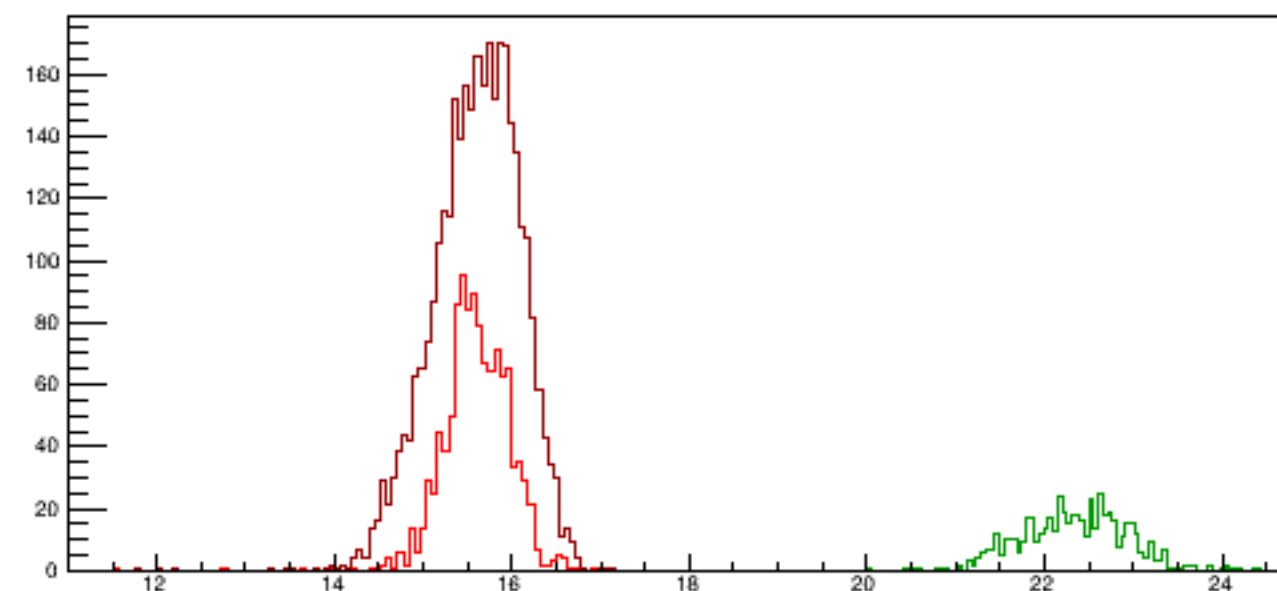
Run 4562 quartetwise, Diffs



Cycle 23, Sums

Entries: 1151	Entries: 548	Entries: 3254
Mean: 15.5959 +/- 0.0114	Mean: 22.3397 +/- 0.0267	Mean: 15.6007 +/- 0.0087
Std Dev: 0.3876 +/- 0.0081	Std Dev: 0.6261 +/- 0.0189	Std Dev: 0.4947 +/- 0.0061

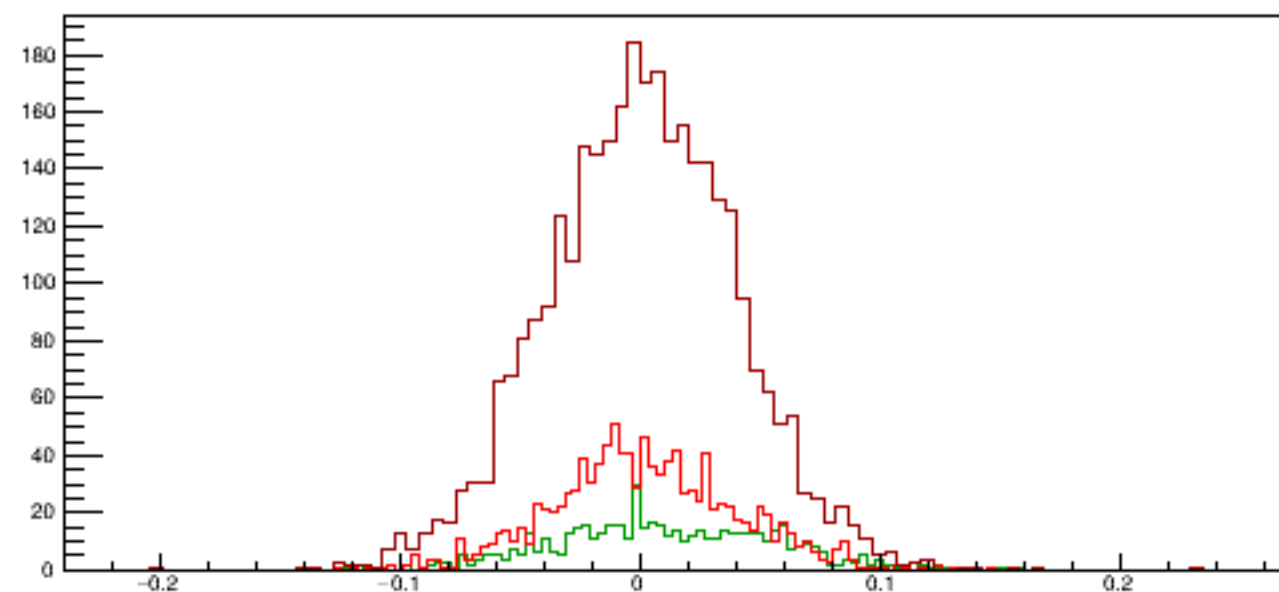
Run 4562 quartetwise, Sums



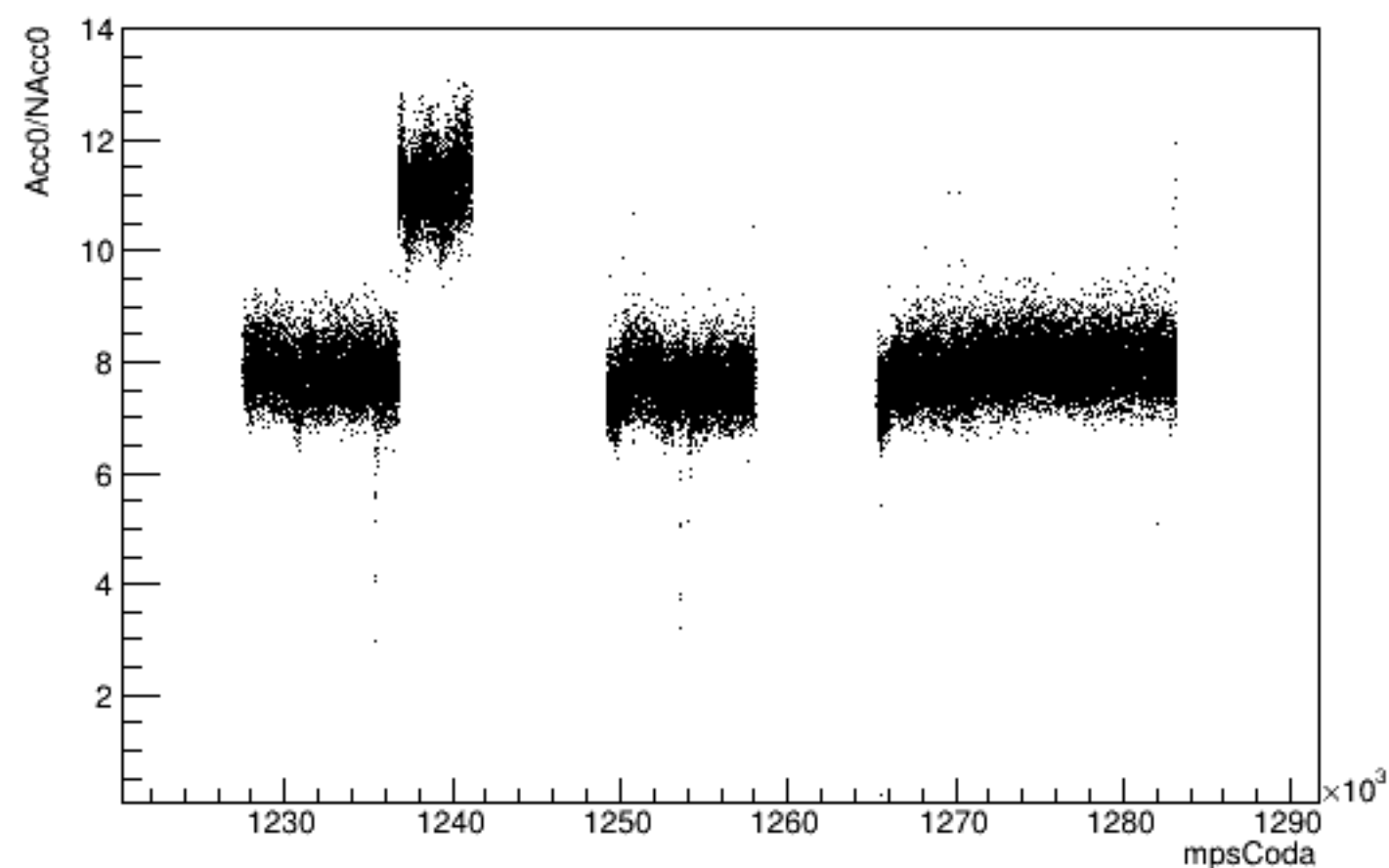
Cycle 23, Asyms

Entries: 1151	Entries: 548	Entries: 3254
Mean: 0.0016 +/- 0.0012	Mean: 0.0112 +/- 0.0020	Mean: 0.0005 +/- 0.0007
Std Dev: 0.0391 +/- 0.0008	Std Dev: 0.0474 +/- 0.0014	Std Dev: 0.0398 +/- 0.0005

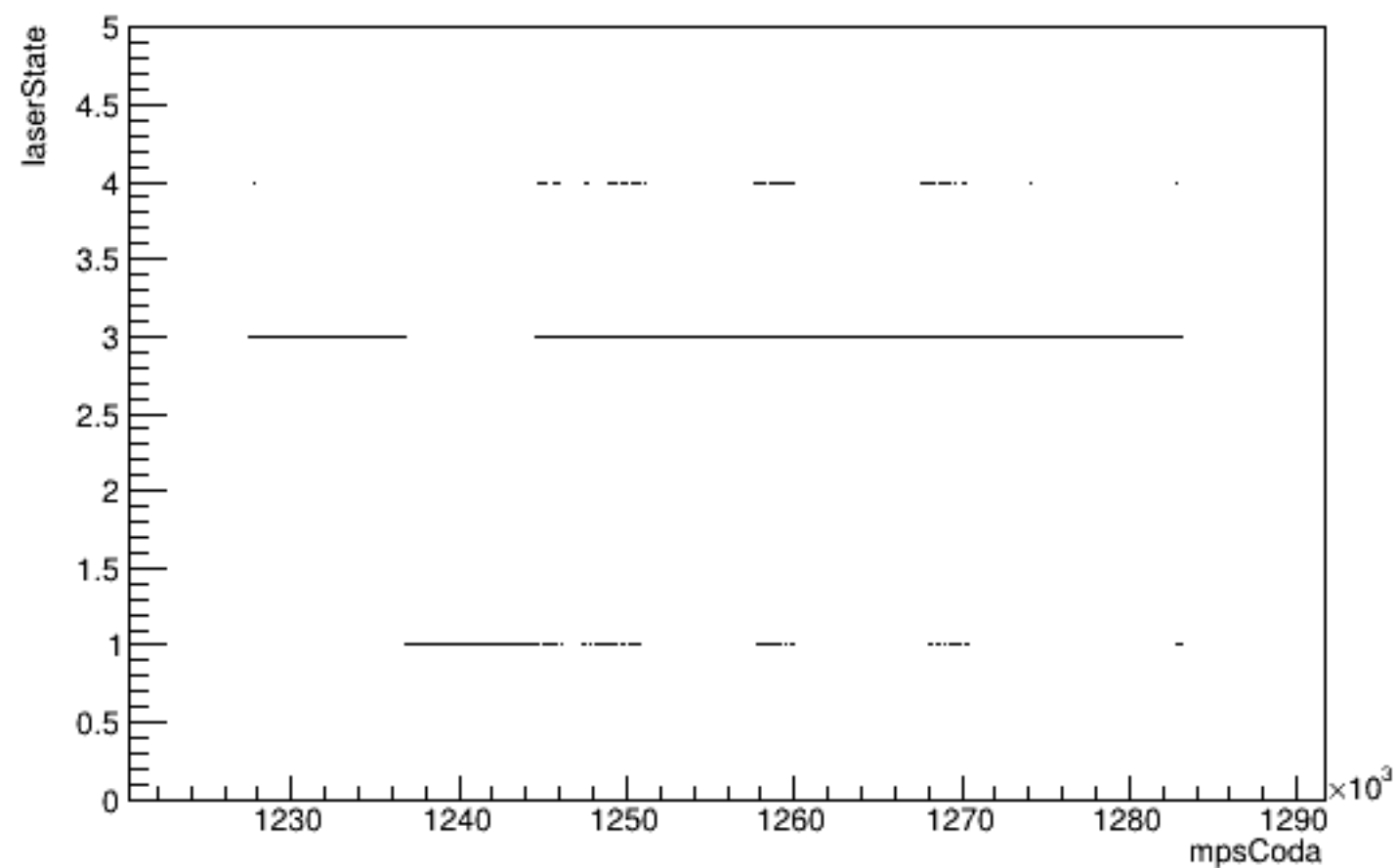
Run 4562 quartetwise, Asyms



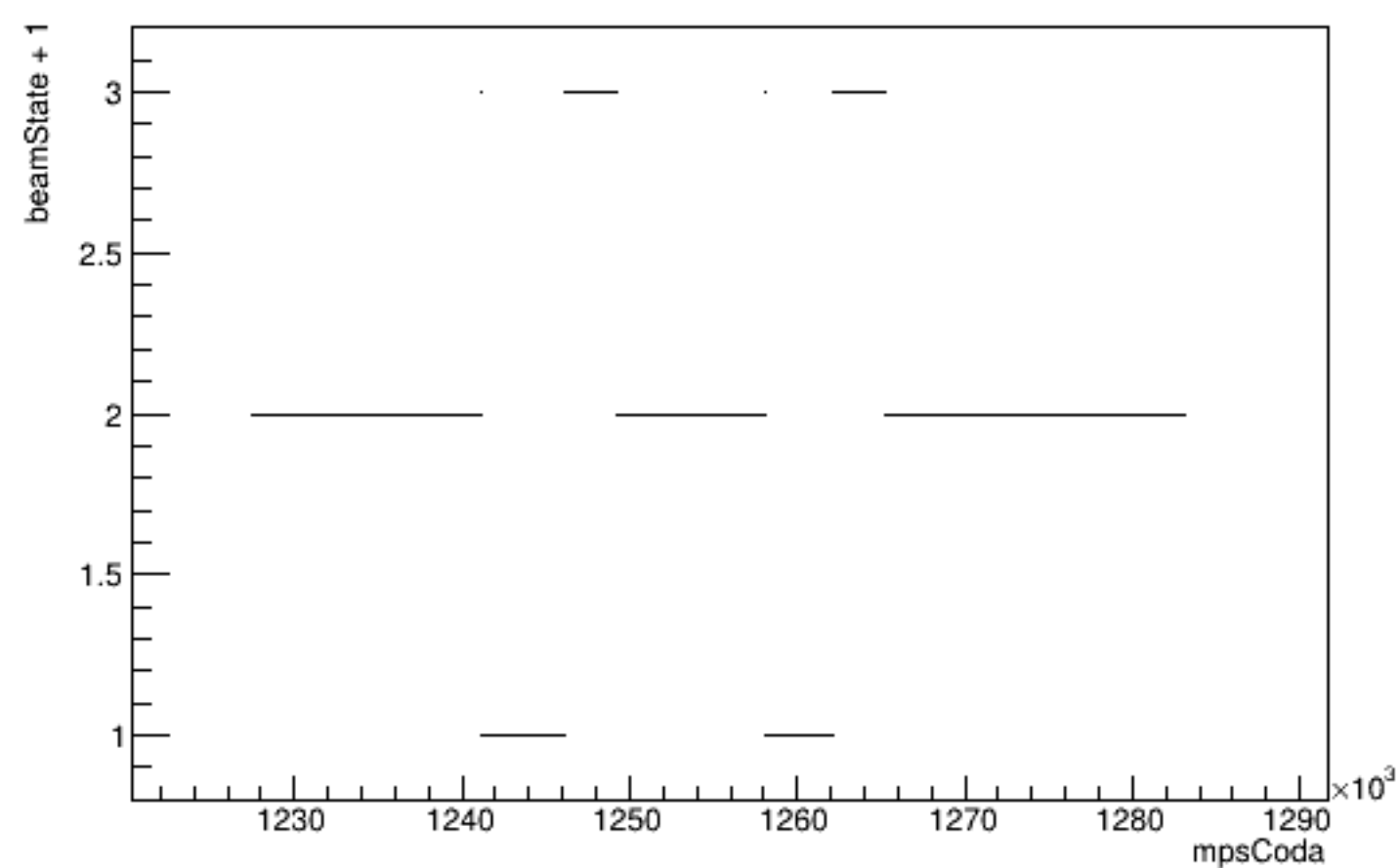
Acc0/NAcc0:mpsCoda (mpsCoda>=1227541 && mpsCoda<=1283172 && beamState==1)



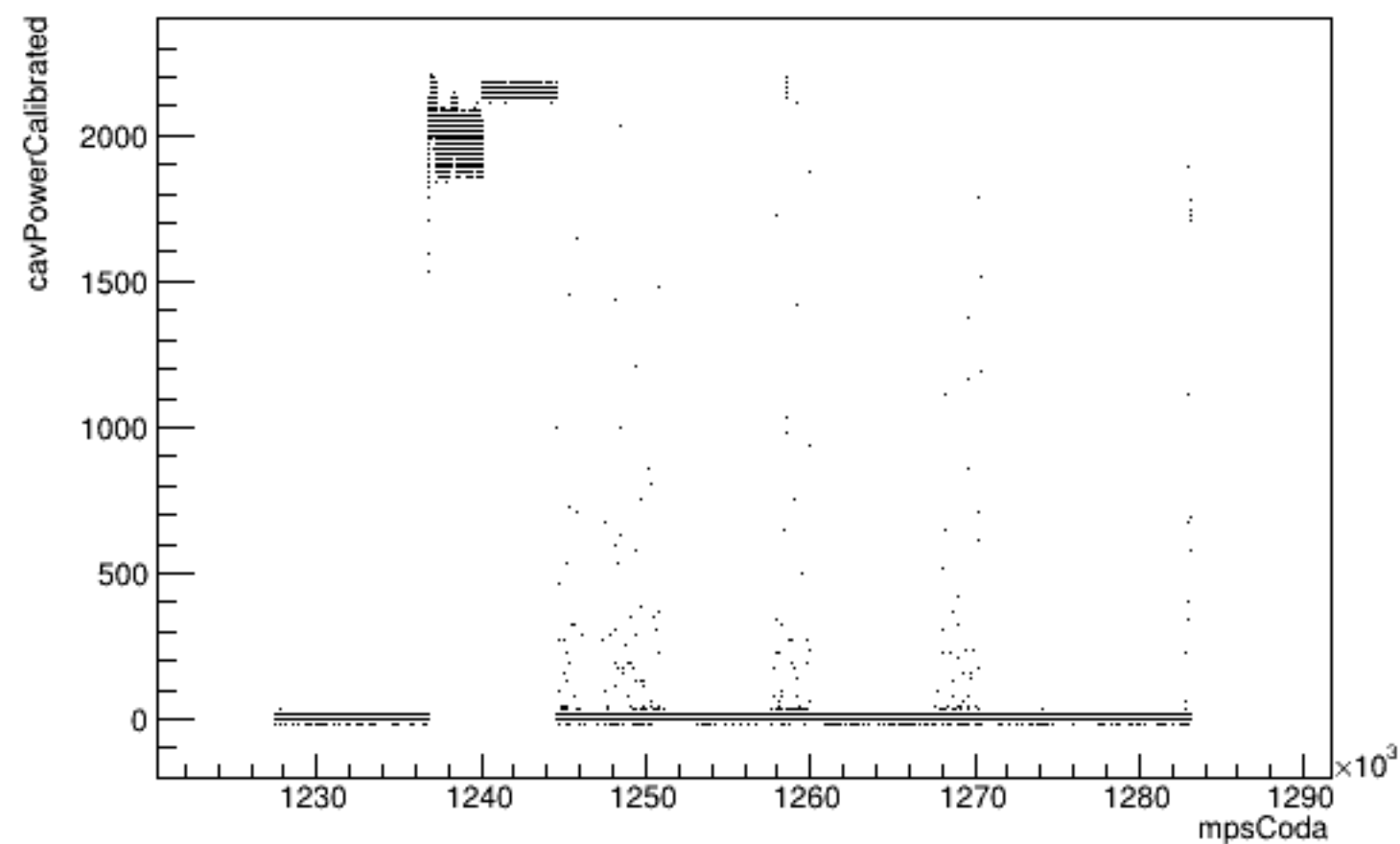
laserState:mpsCoda {mpsCoda>=1227541 && mpsCoda<=1283172}



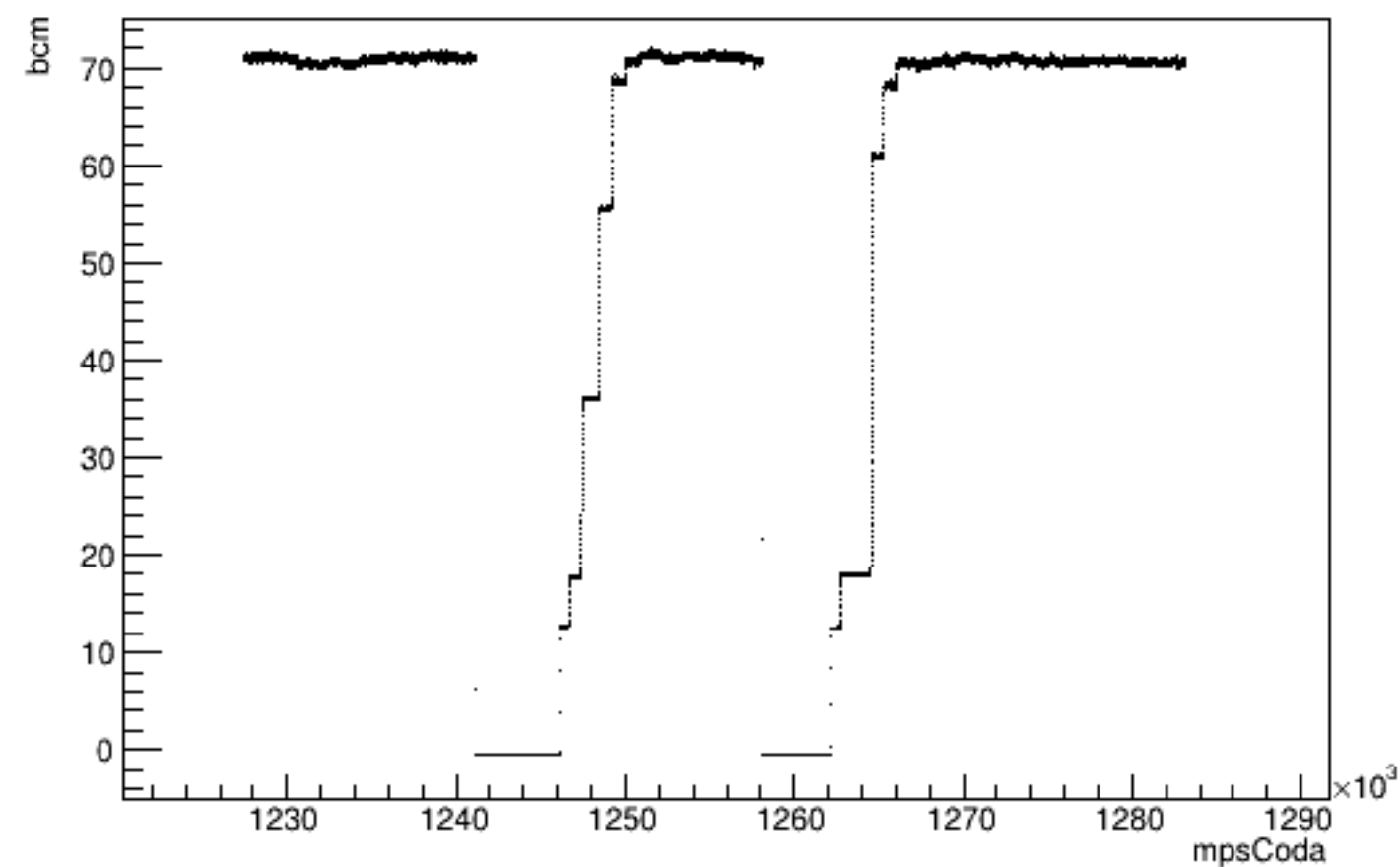
beamState + 1:mpsCoda {mpsCoda>=1227541 && mpsCoda<=1283172}



cavPowerCalibrated:mpsCoda {mpsCoda>=1227541 && mpsCoda<=1283172}



bcm:mpsCoda {mpsCoda>=1227541 && mpsCoda<=1283172}



Cycle 24, Diffs

Entries: 3254

Mean: 0.0035 +/- 0.0047

Std Dev: 0.2683 +/- 0.0033

Entries: 4637

Mean: 0.1132 +/- 0.0049

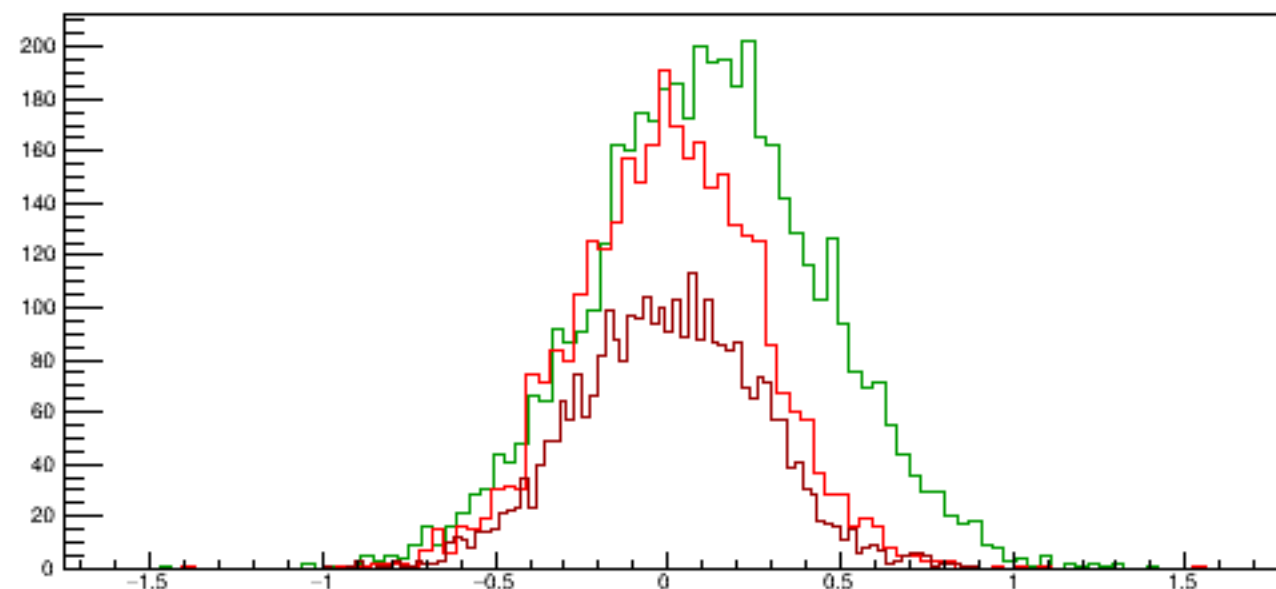
Std Dev: 0.3362 +/- 0.0035

Entries: 3132

Mean: 0.0015 +/- 0.0048

Std Dev: 0.2686 +/- 0.0034

Run 4562 quartetwise, Diffs



Cycle 24, Sums

Entries: 3254

Mean: 15.6007 +/- 0.0087

Std Dev: 0.4947 +/- 0.0061

Entries: 4637

Mean: 23.0373 +/- 0.0079

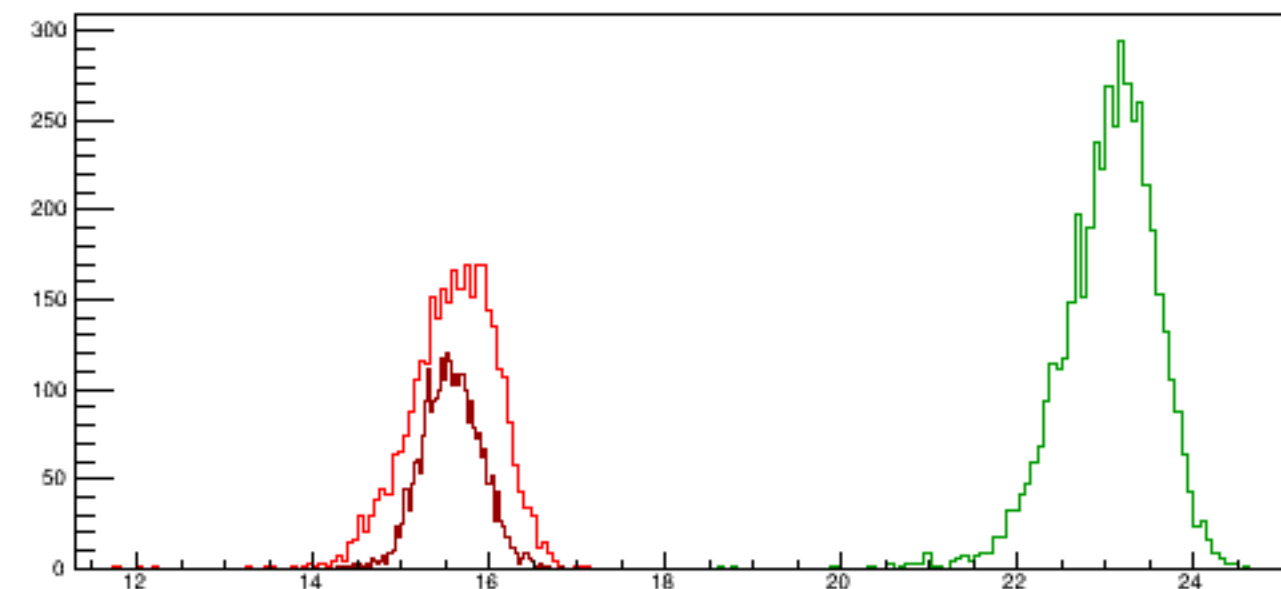
Std Dev: 0.5392 +/- 0.0056

Entries: 3132

Mean: 15.5775 +/- 0.0060

Std Dev: 0.3342 +/- 0.0042

Run 4562 quartetwise, Sums



Cycle 24, Asyms

Entries: 3254

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0360 +/- 0.0004

Entries: 4637

Mean: 0.0153 +/- 0.0007

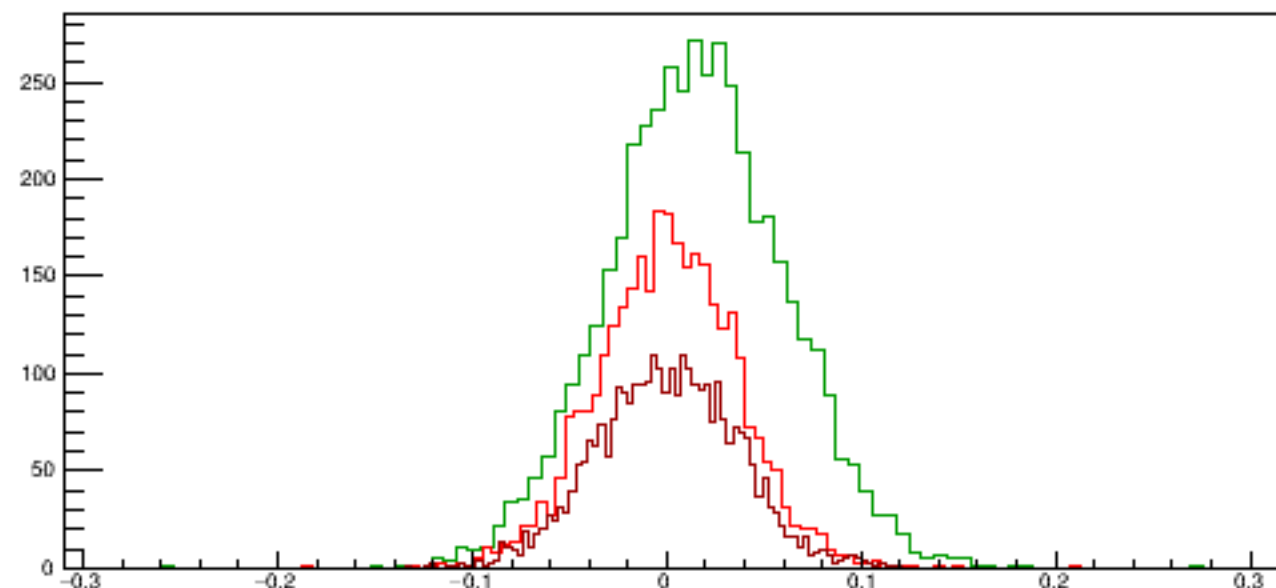
Std Dev: 0.0454 +/- 0.0005

Entries: 3132

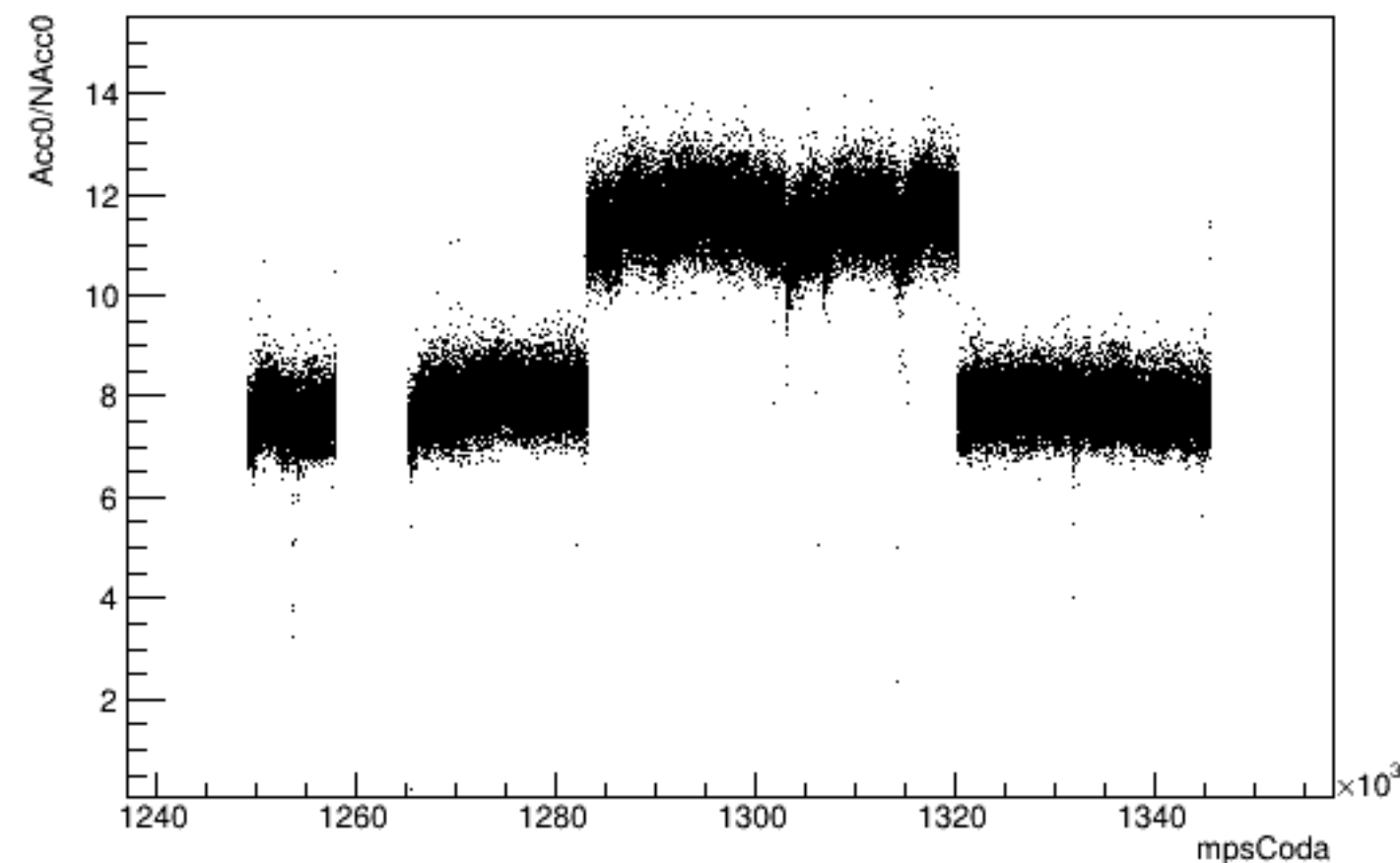
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0361 +/- 0.0005

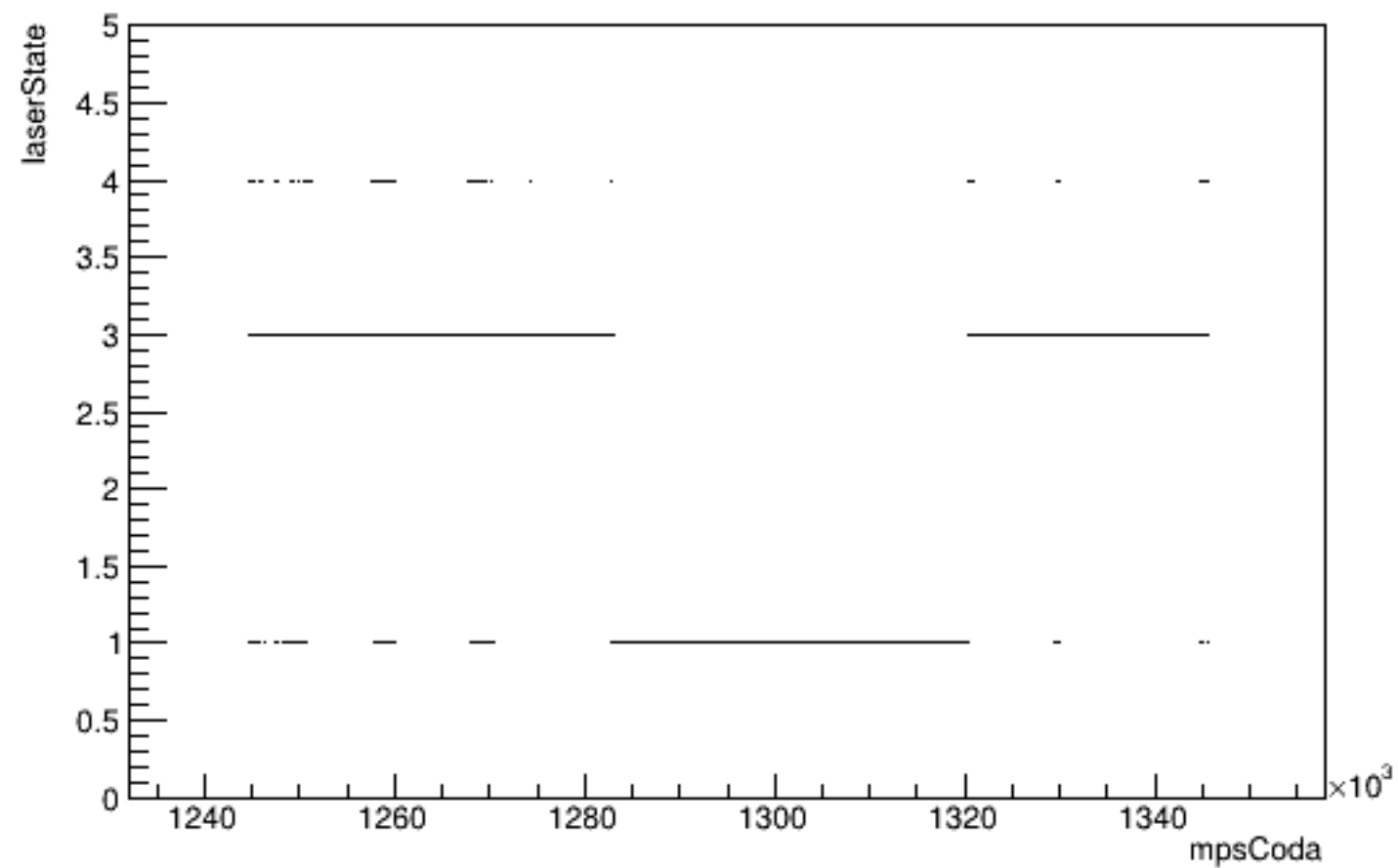
Run 4562 quartetwise, Asyms



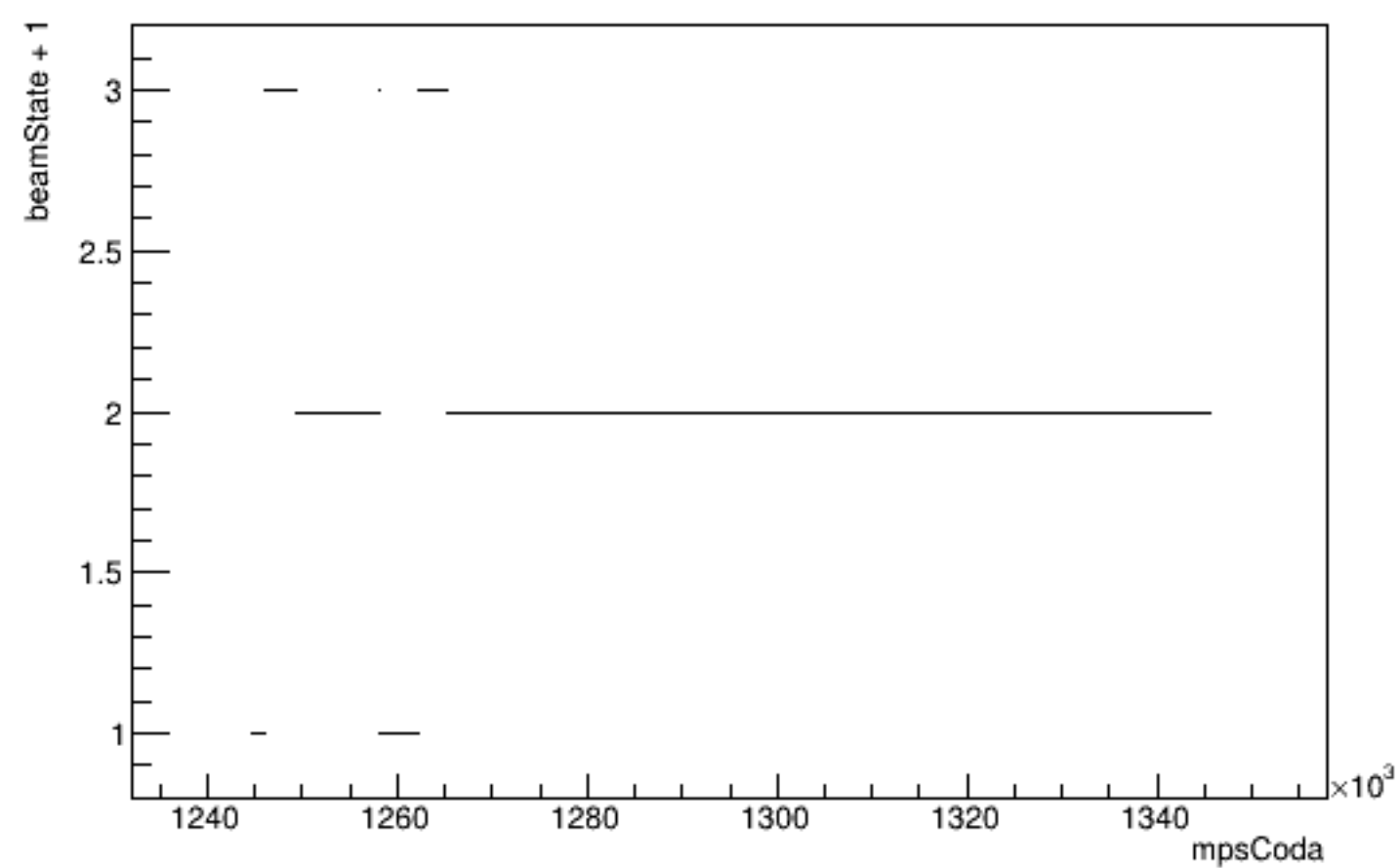
Acc0/NAcc0:mpsCoda (mpsCoda>=1244629 && mpsCoda<=1345564 && beamState==1)



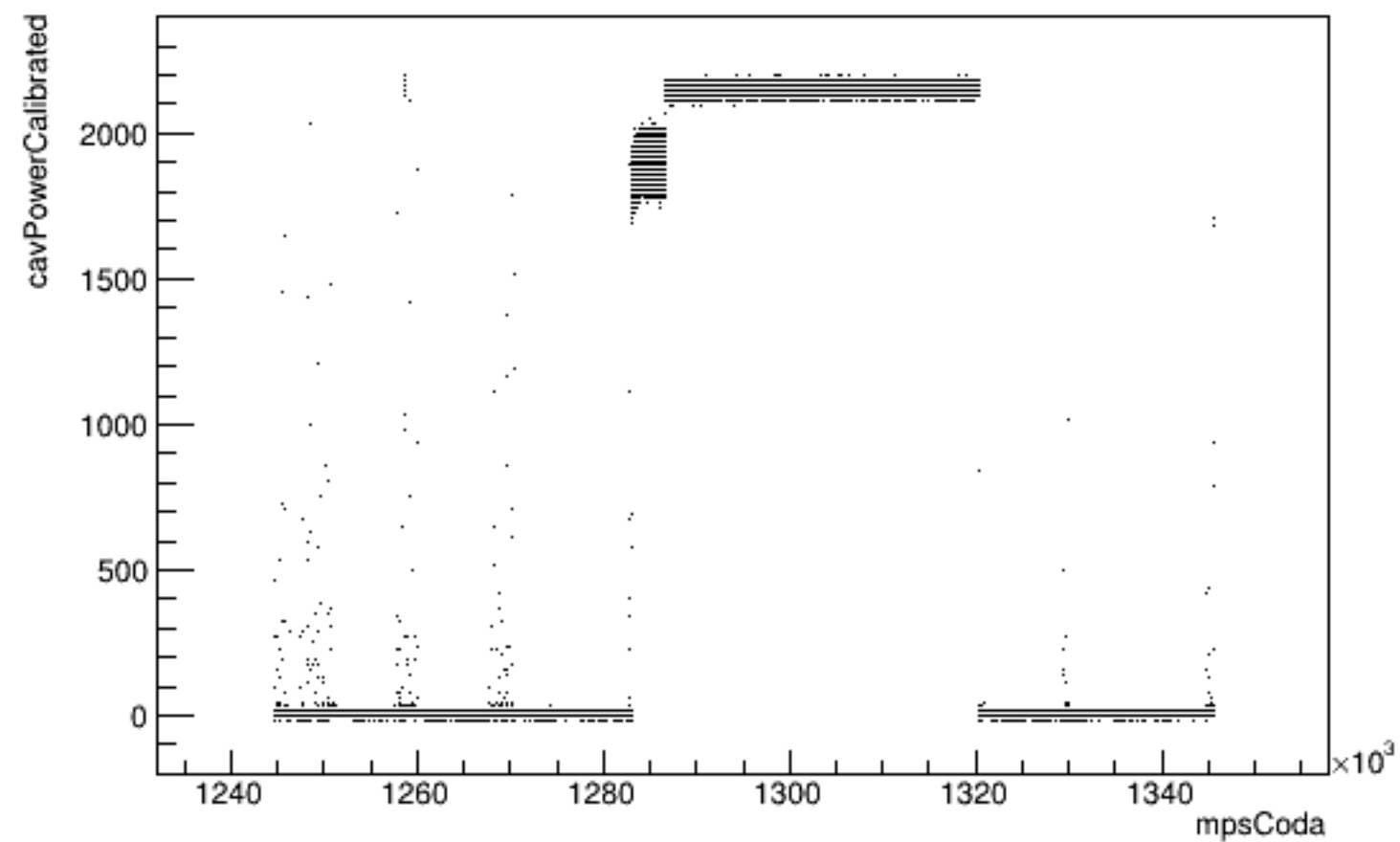
laserState:mpsCoda {mpsCoda>=1244629 && mpsCoda<=1345564}



beamState + 1:mpsCoda {mpsCoda>=1244629 && mpsCoda<=1345564}



cavPowerCalibrated:mpsCoda {mpsCoda>=1244629 && mpsCoda<=1345564}



bcm:mpsCoda {mpsCoda>=1244629 && mpsCoda<=1345564}

