

Cycle 1, Diffs

Entries: 4135

Mean: 0.0004 +/- 0.0044

Std Dev: 0.2819 +/- 0.0031

Entries: 3709

Mean: -0.0703 +/- 0.0052

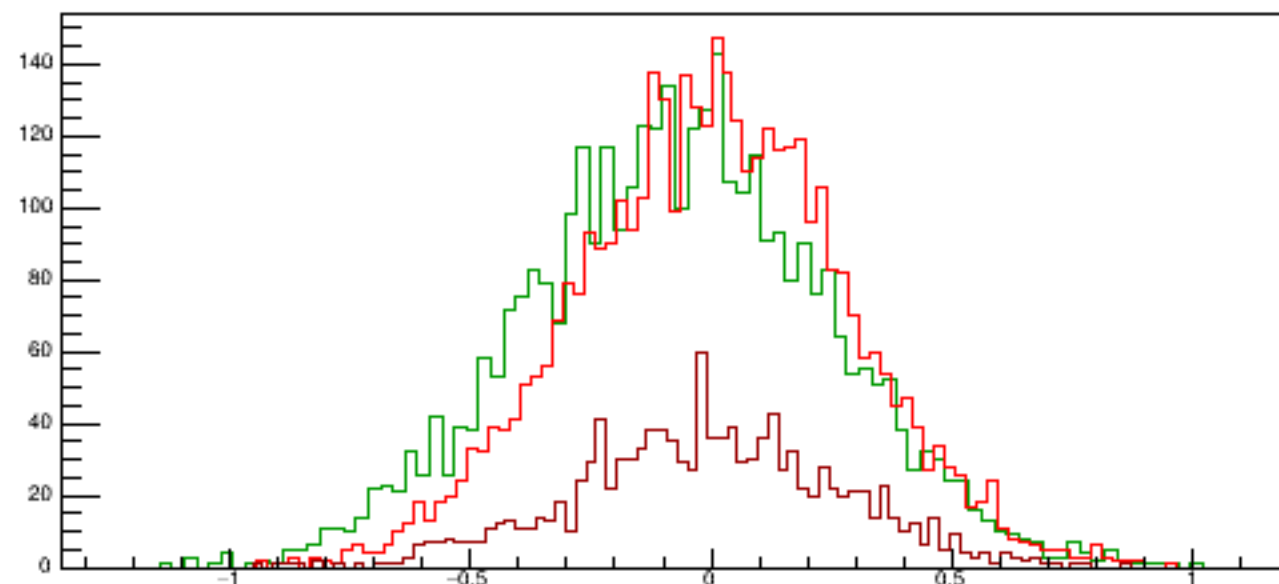
Std Dev: 0.3146 +/- 0.0037

Entries: 1210

Mean: -0.0090 +/- 0.0079

Std Dev: 0.2759 +/- 0.0056

Run 4402 quartetwise, Diffs



Cycle 1, Sums

Entries: 4135

Mean: 14.0883 +/- 0.0050

Std Dev: 0.3220 +/- 0.0035

Entries: 3709

Mean: 19.0576 +/- 0.0058

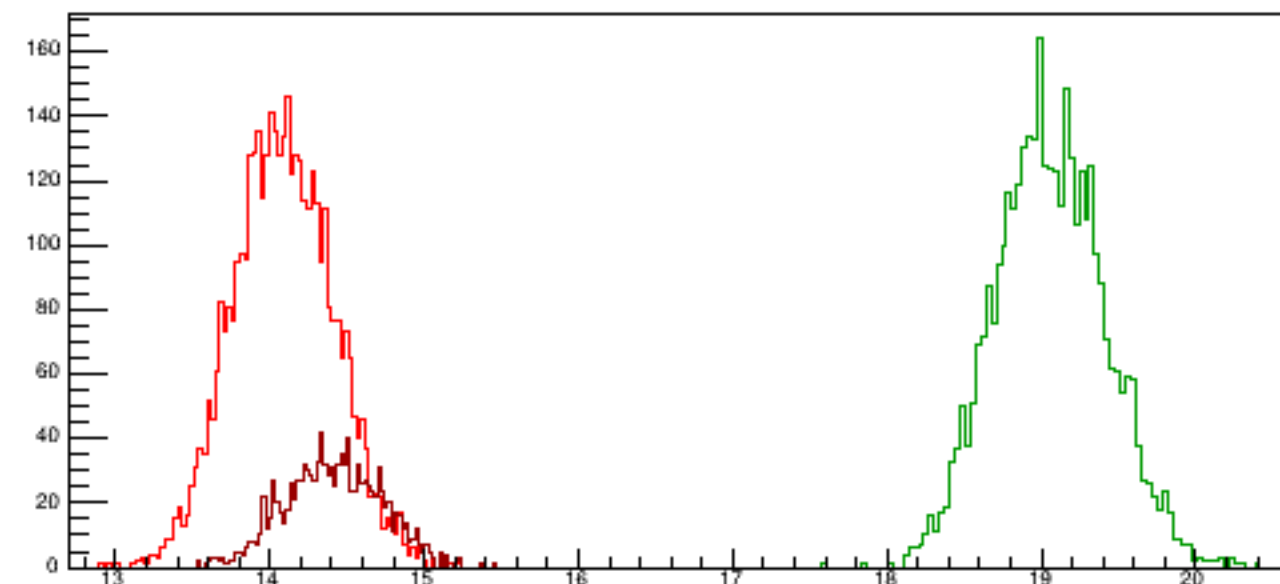
Std Dev: 0.3561 +/- 0.0041

Entries: 1210

Mean: 14.4152 +/- 0.0090

Std Dev: 0.3121 +/- 0.0063

Run 4402 quartetwise, Sums



Cycle 1, Asyms

Entries: 4135

Mean: 0.0001 +/- 0.0009

Std Dev: 0.0587 +/- 0.0006

Entries: 3709

Mean: -0.0147 +/- 0.0011

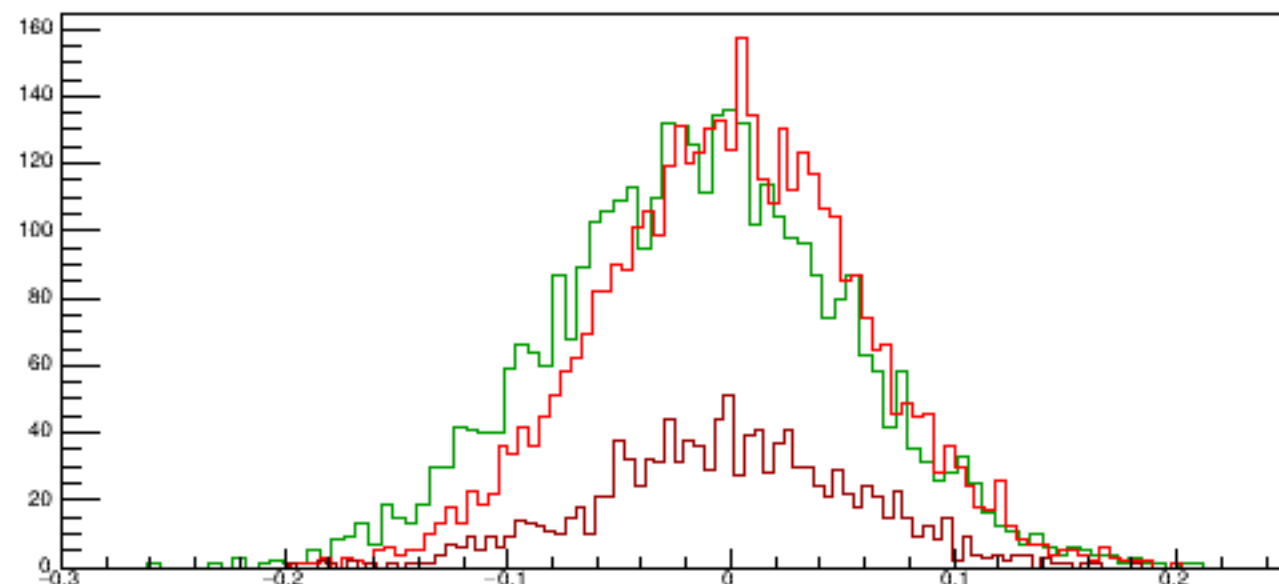
Std Dev: 0.0657 +/- 0.0008

Entries: 1210

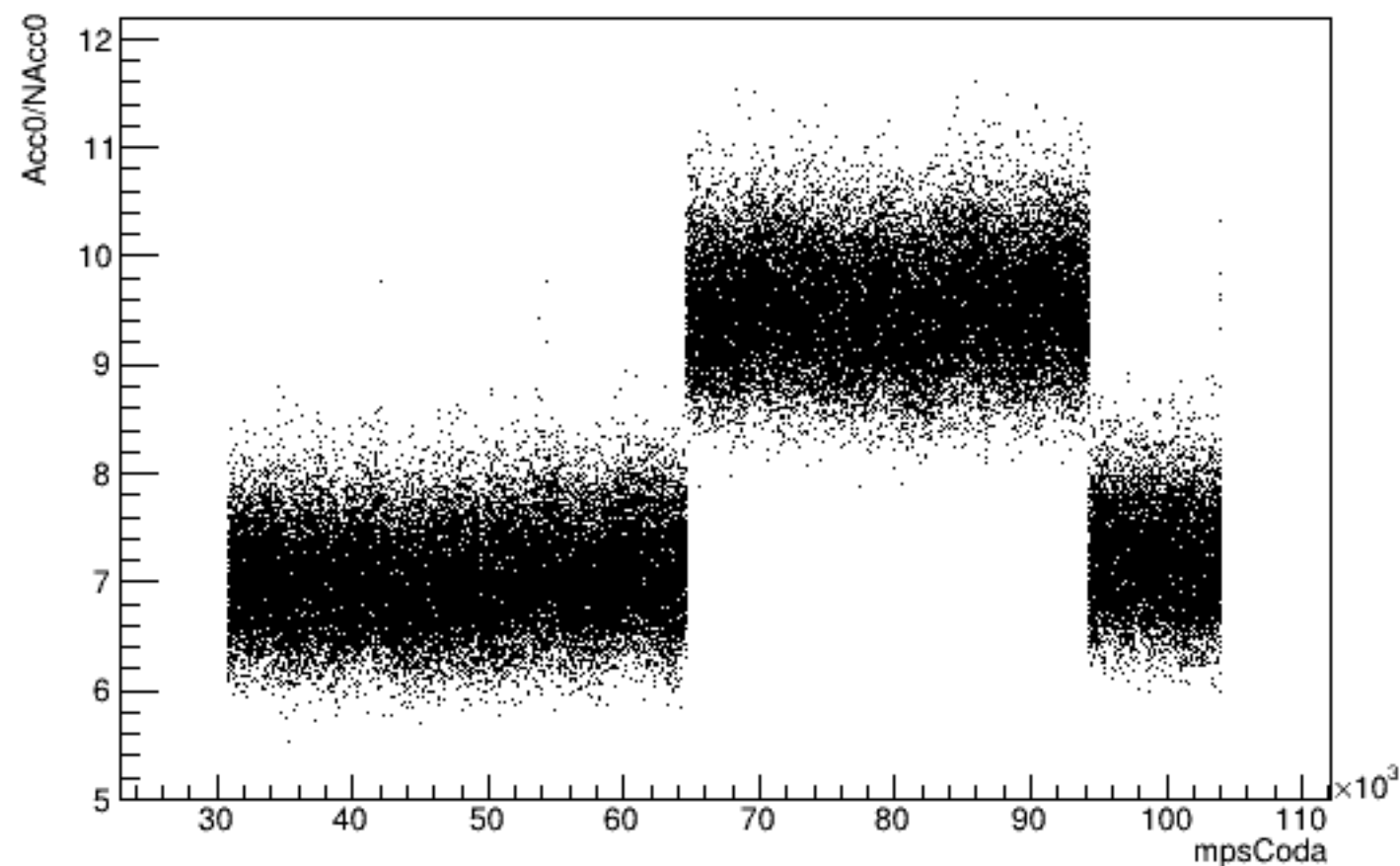
Mean: -0.0019 +/- 0.0017

Std Dev: 0.0574 +/- 0.0012

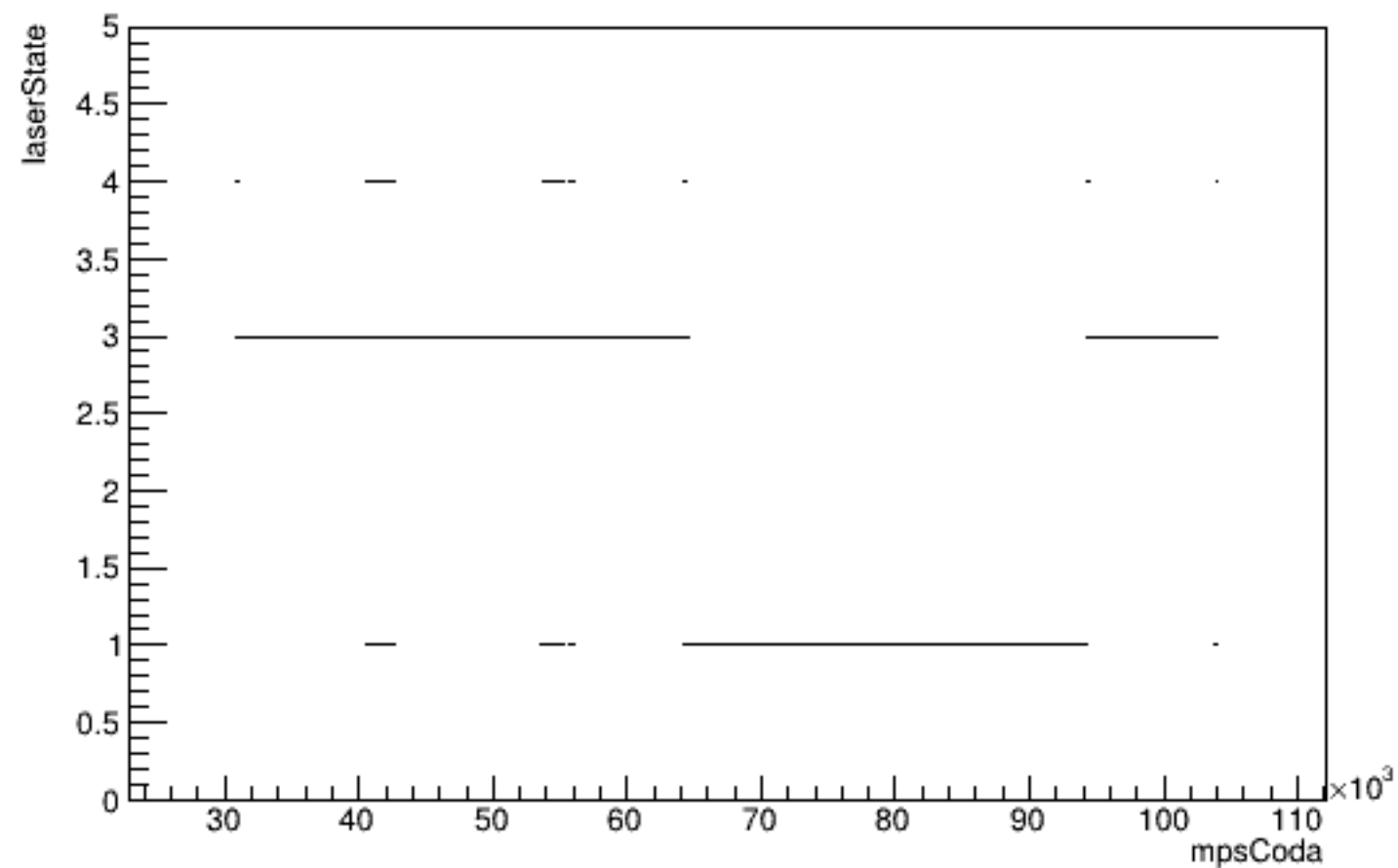
Run 4402 quartetwise, Asyms



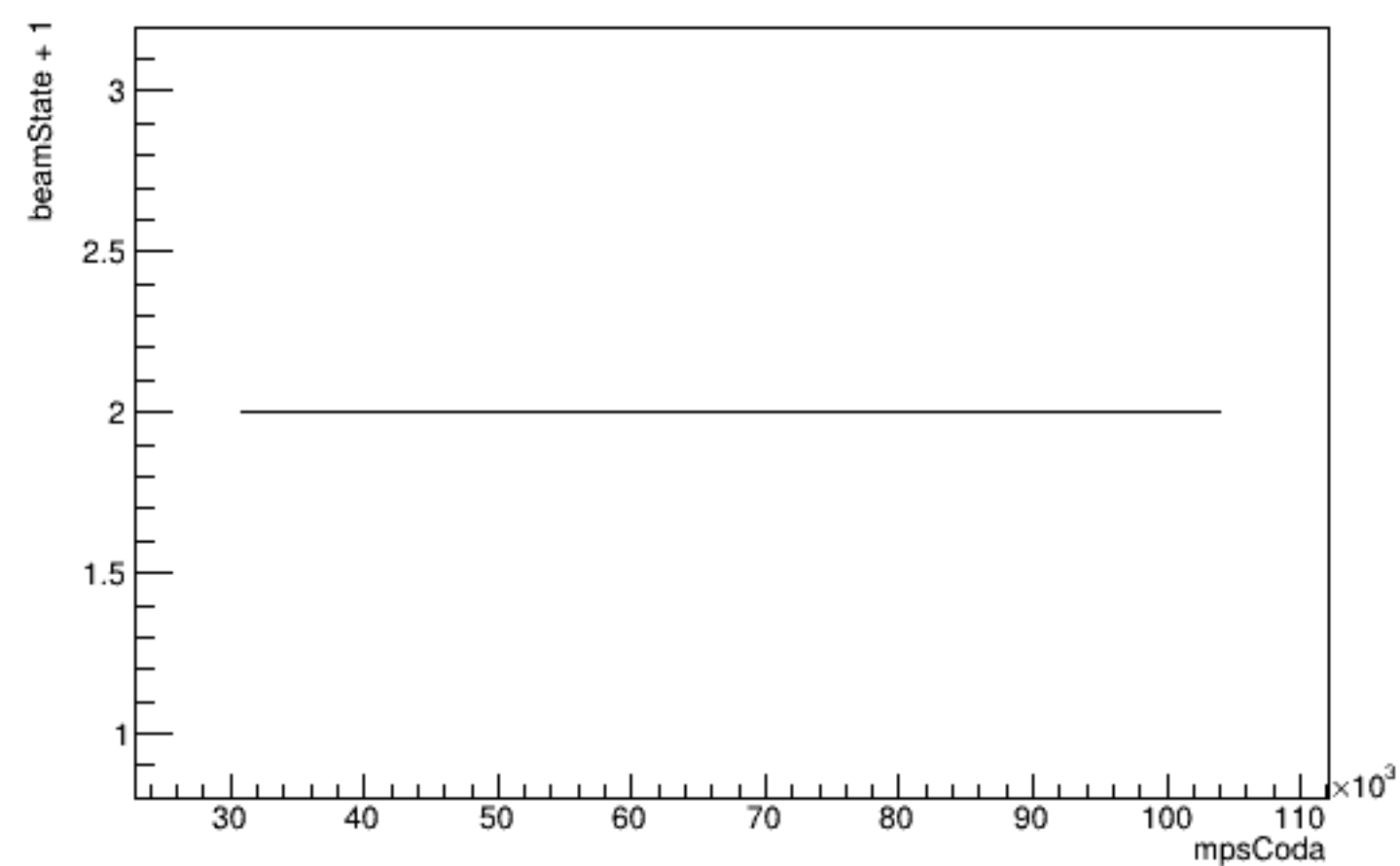
Acc0/NAcc0:mpsCoda {mpsCoda>=30847 && mpsCoda<=104062 && beamState==1}



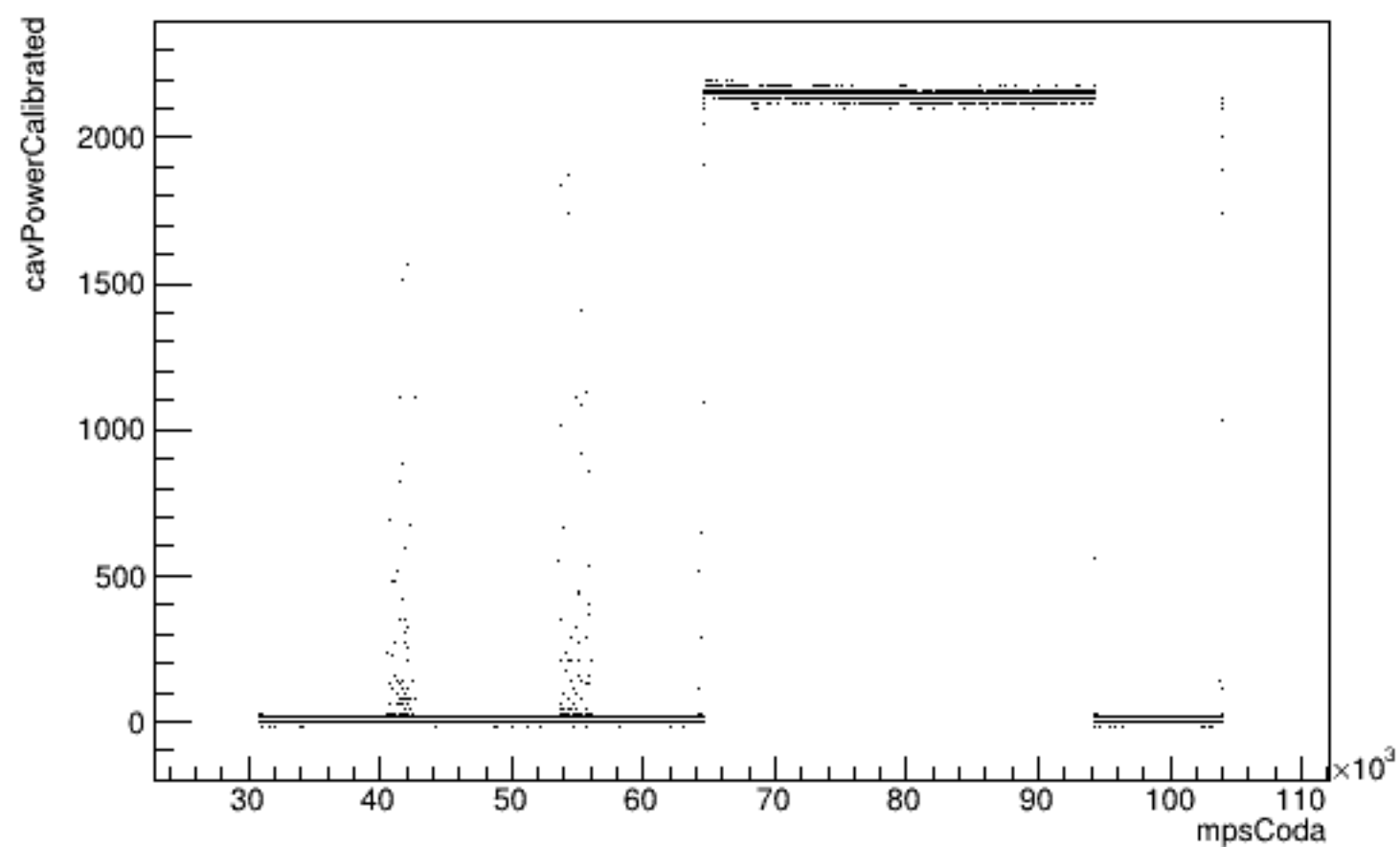
laserState:mpsCoda {mpsCoda>=30847 && mpsCoda<=104062}



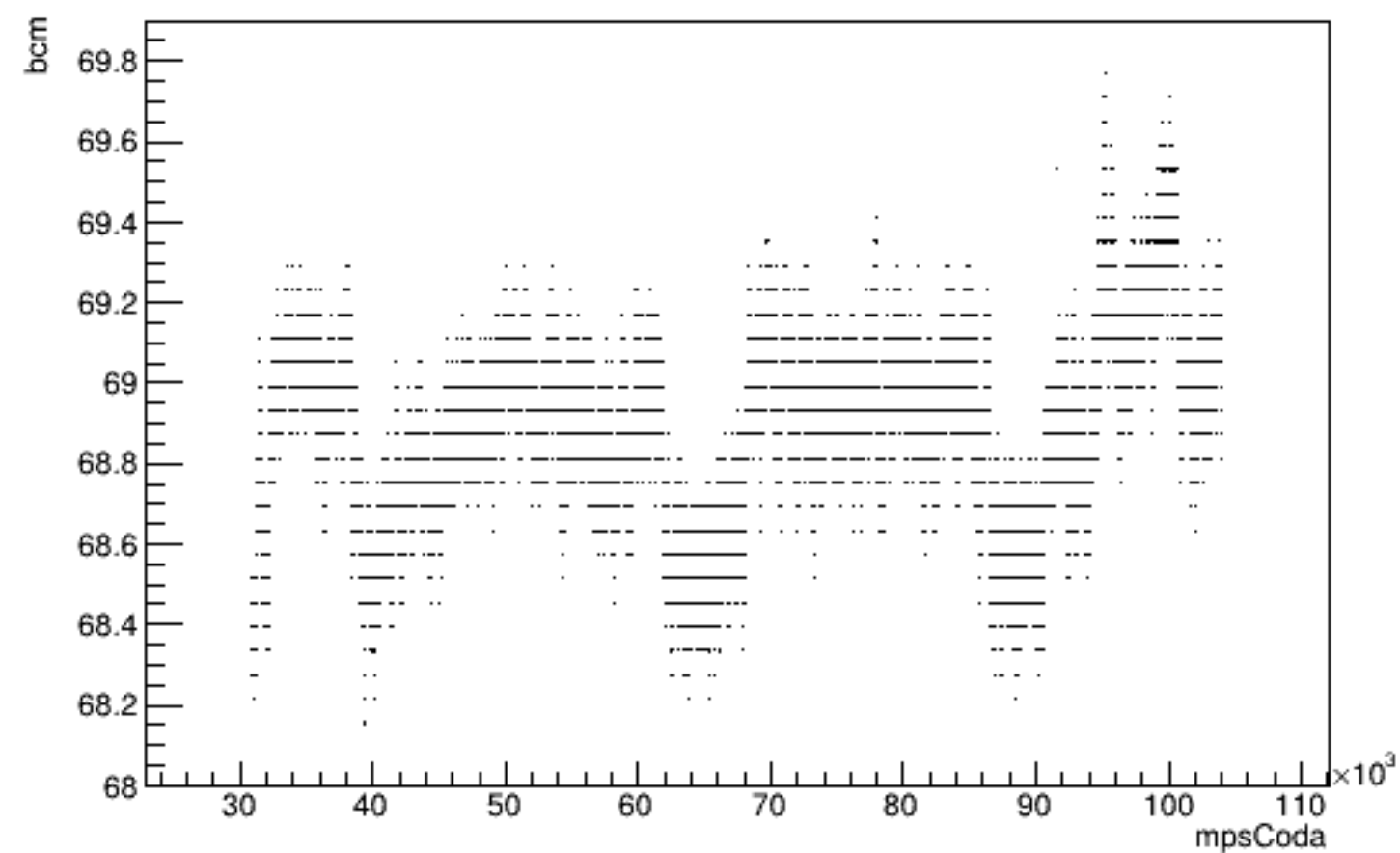
beamState + 1:mpsCoda {mpsCoda>=30847 && mpsCoda<=104062}



cavPowerCalibrated:mpsCoda {mpsCoda>=30847 && mpsCoda<=104062}



bcm:mpsCoda {mpsCoda>=30847 && mpsCoda<=104062}



Cycle 2, Diffs

Entries: 1210

Mean: -0.0090 +/- 0.0079

Std Dev: 0.2759 +/- 0.0056

Entries: 2286

Mean: -0.0671 +/- 0.0067

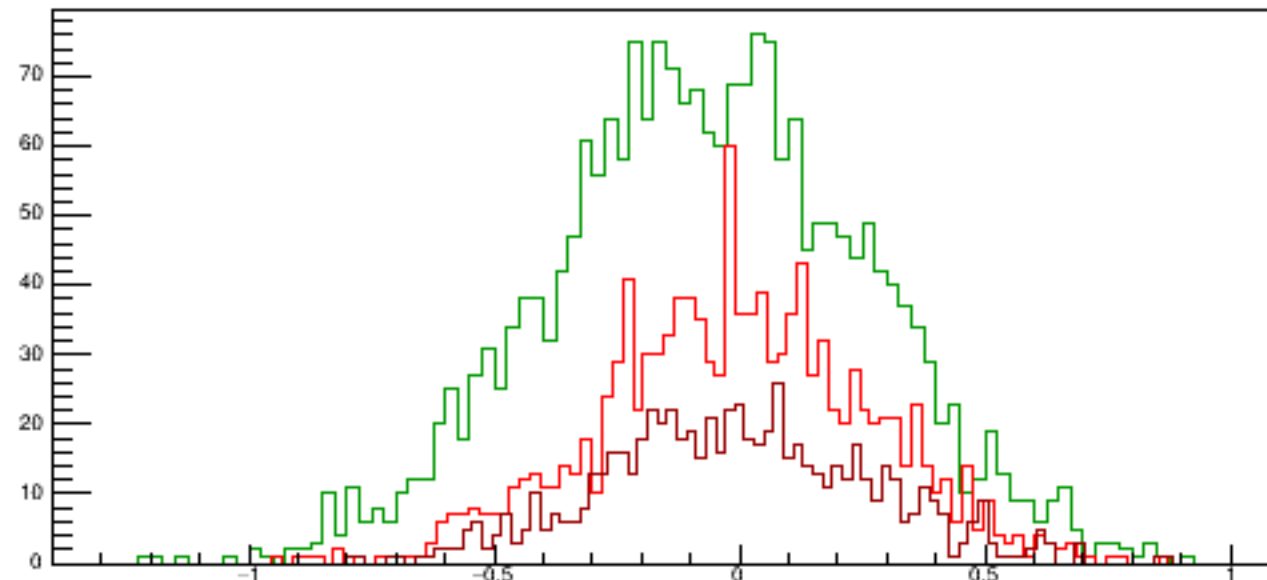
Std Dev: 0.3225 +/- 0.0048

Entries: 693

Mean: -0.0060 +/- 0.0105

Std Dev: 0.2754 +/- 0.0074

Run 4402 quartetwise, Diffs



Cycle 2, Sums

Entries: 1210

Mean: 14.4152 +/- 0.0090

Std Dev: 0.3121 +/- 0.0063

Entries: 2286

Mean: 19.1163 +/- 0.0076

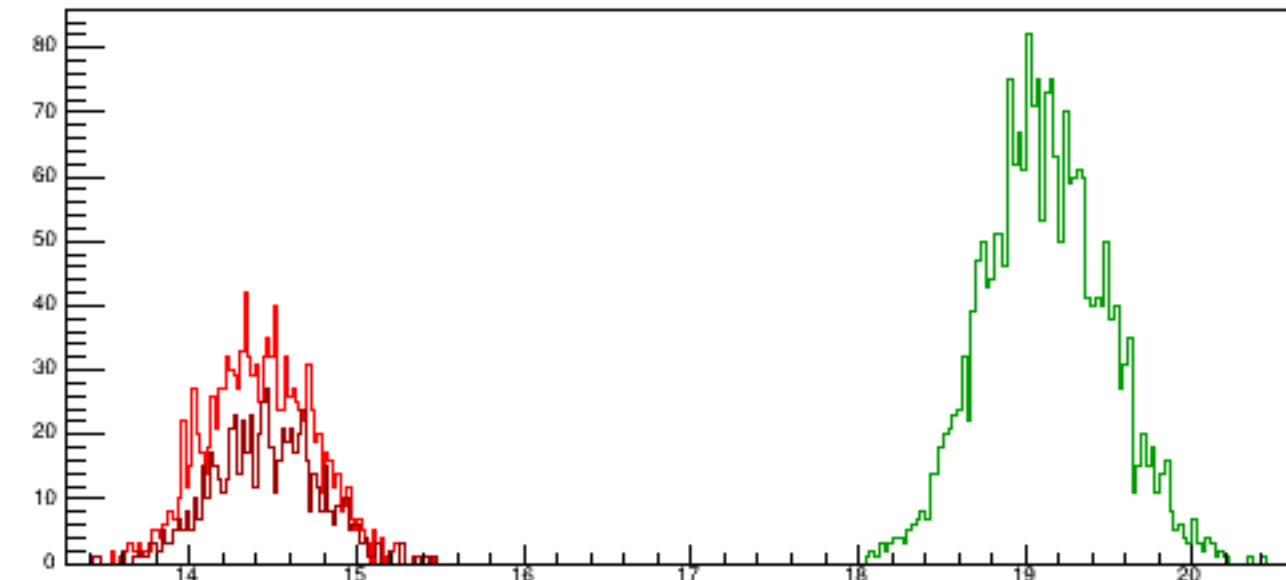
Std Dev: 0.3642 +/- 0.0054

Entries: 693

Mean: 14.4518 +/- 0.0121

Std Dev: 0.3189 +/- 0.0086

Run 4402 quartetwise, Sums



Cycle 2, Asyms

Entries: 1210

Mean: -0.0019 +/- 0.0017

Std Dev: 0.0589 +/- 0.0012

Entries: 2286

Mean: -0.0146 +/- 0.0014

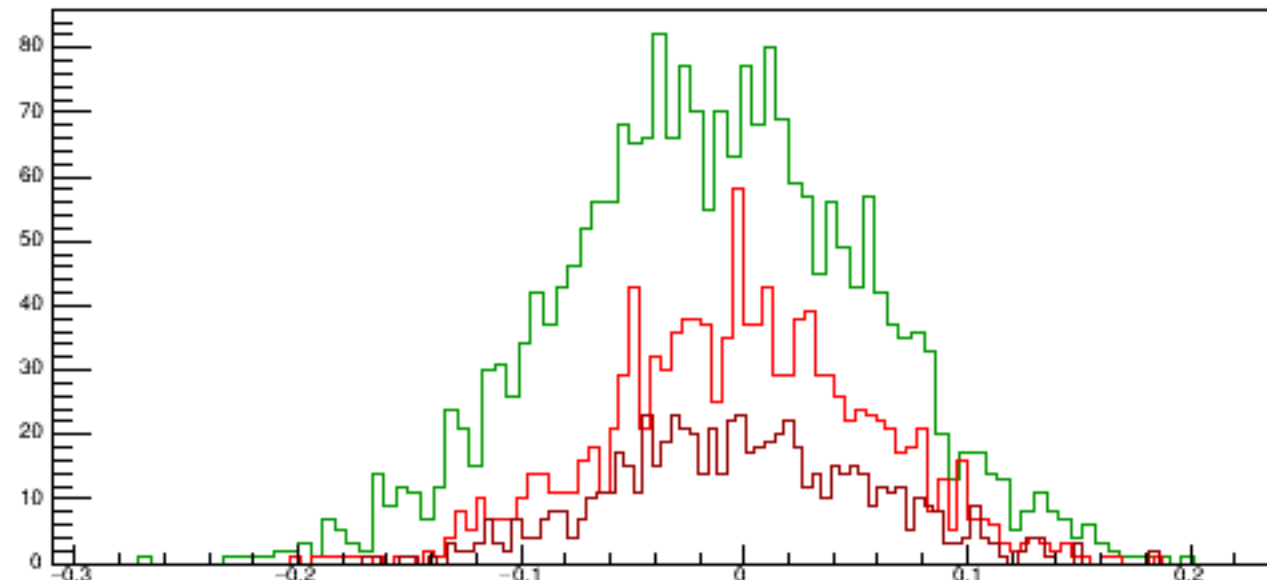
Std Dev: 0.0692 +/- 0.0010

Entries: 693

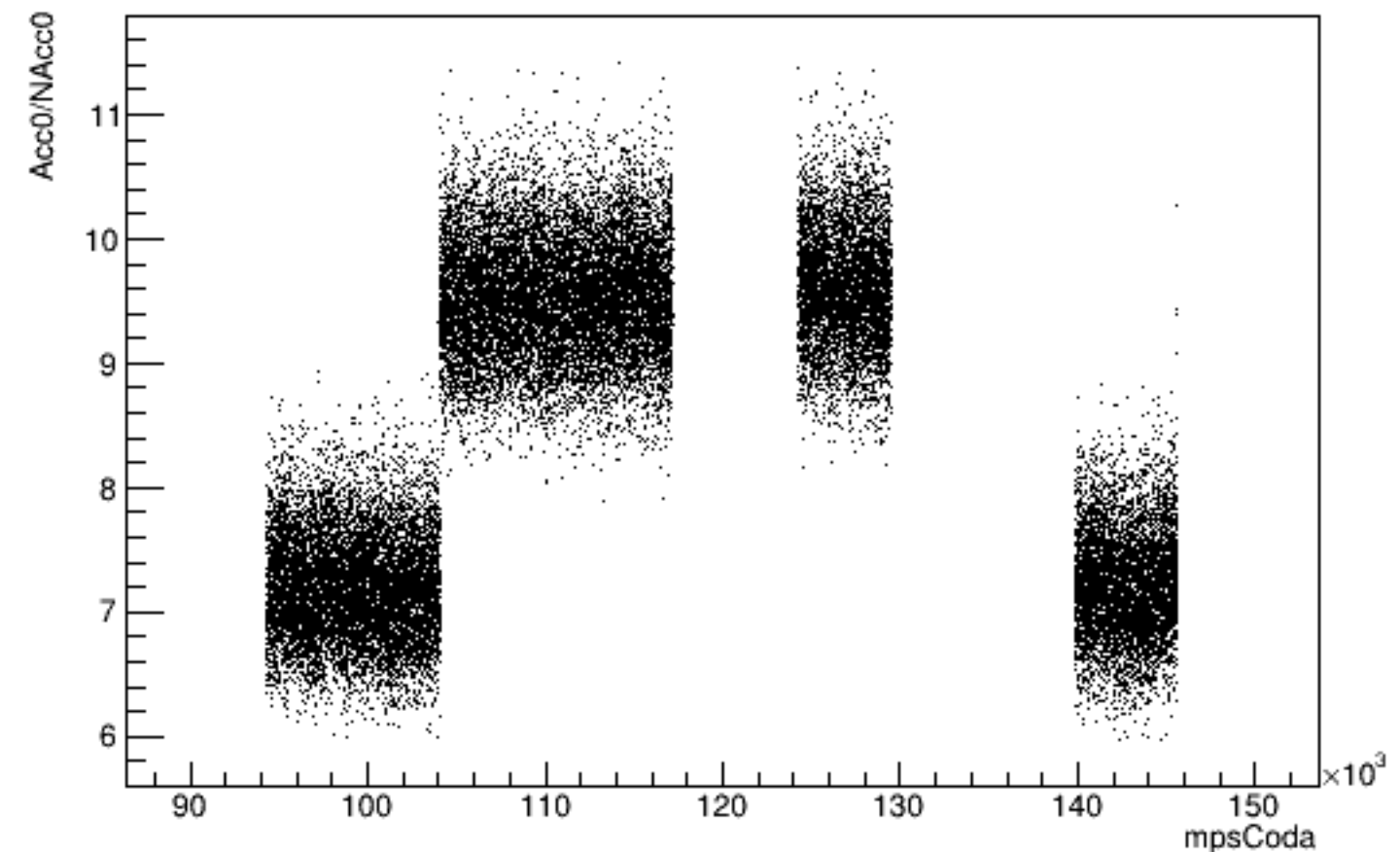
Mean: -0.0013 +/- 0.0022

Std Dev: 0.0588 +/- 0.0016

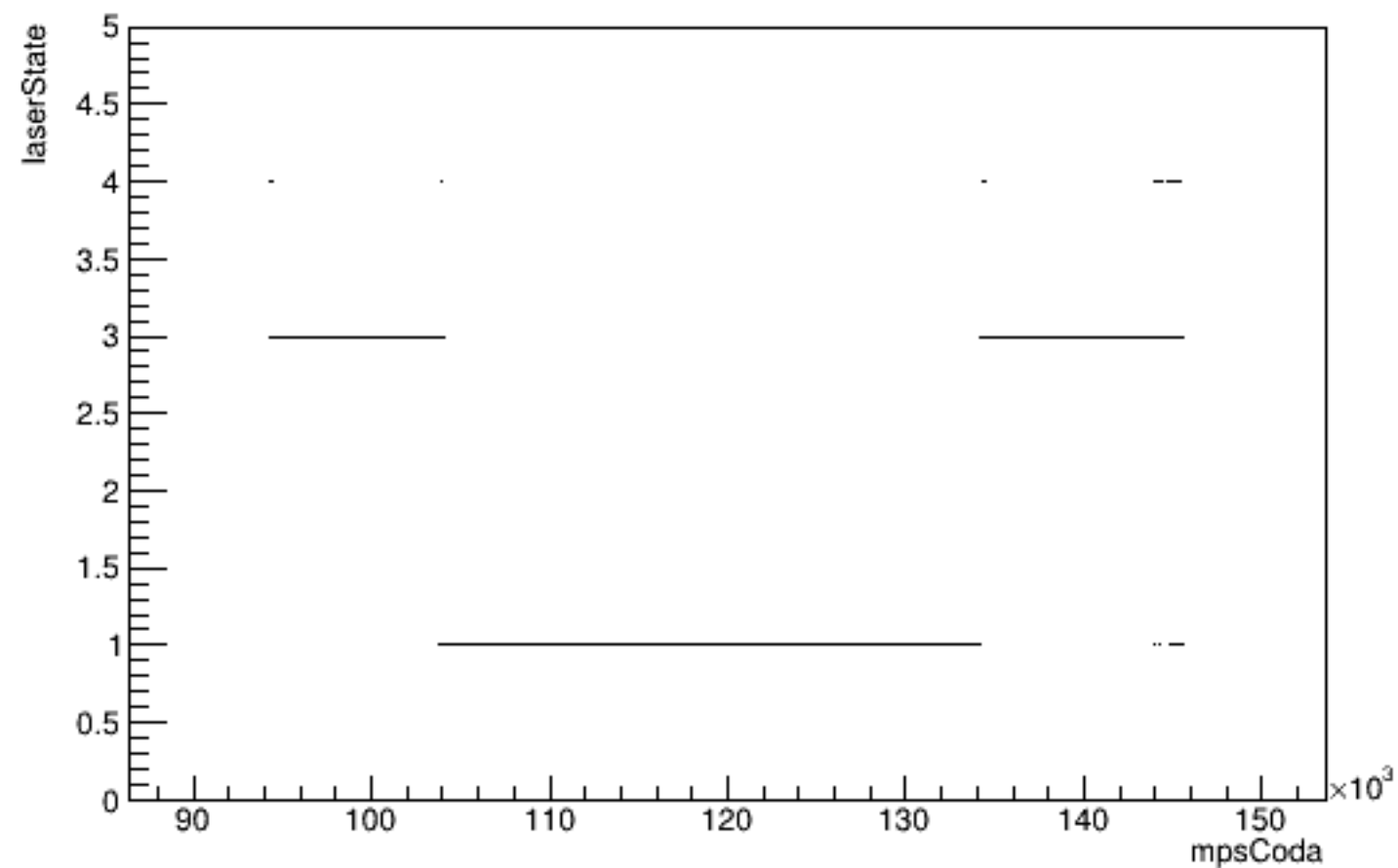
Run 4402 quartetwise, Asyms



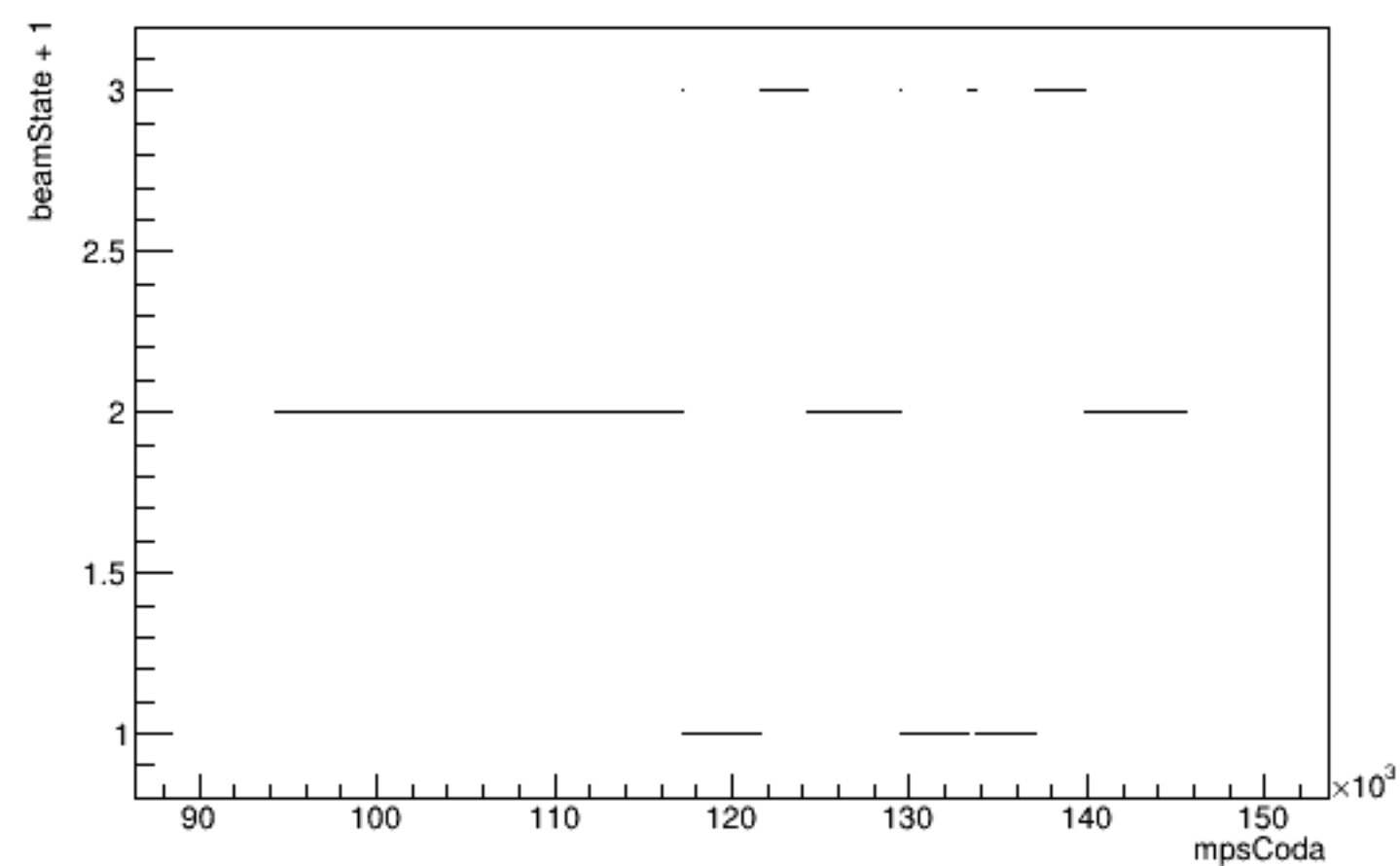
Acc0/NAcc0:mpsCoda {mpsCoda>=94303 && mpsCoda<=145622 && beamState==1}



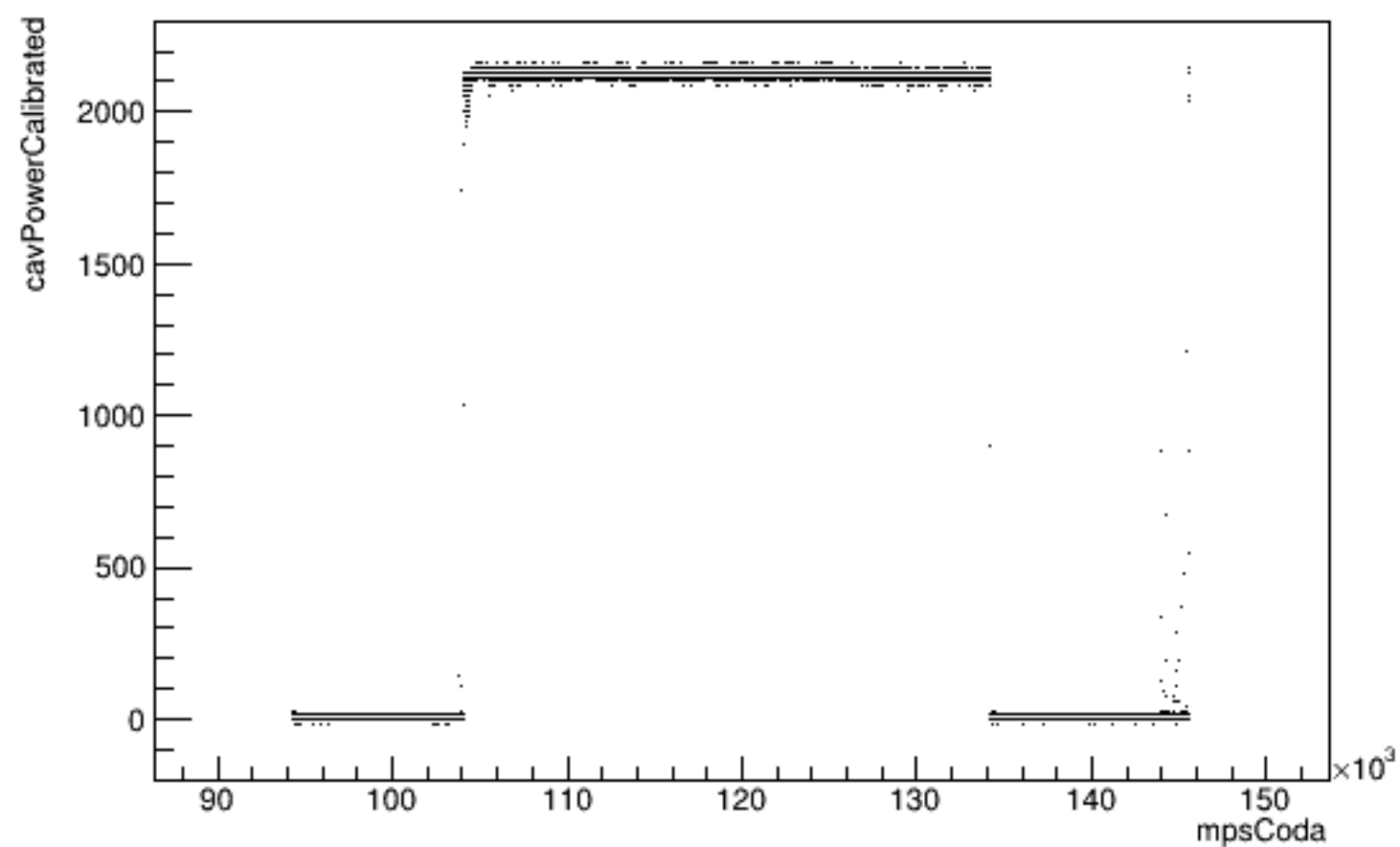
laserState:mpsCoda {mpsCoda>=94303 && mpsCoda<=145622}



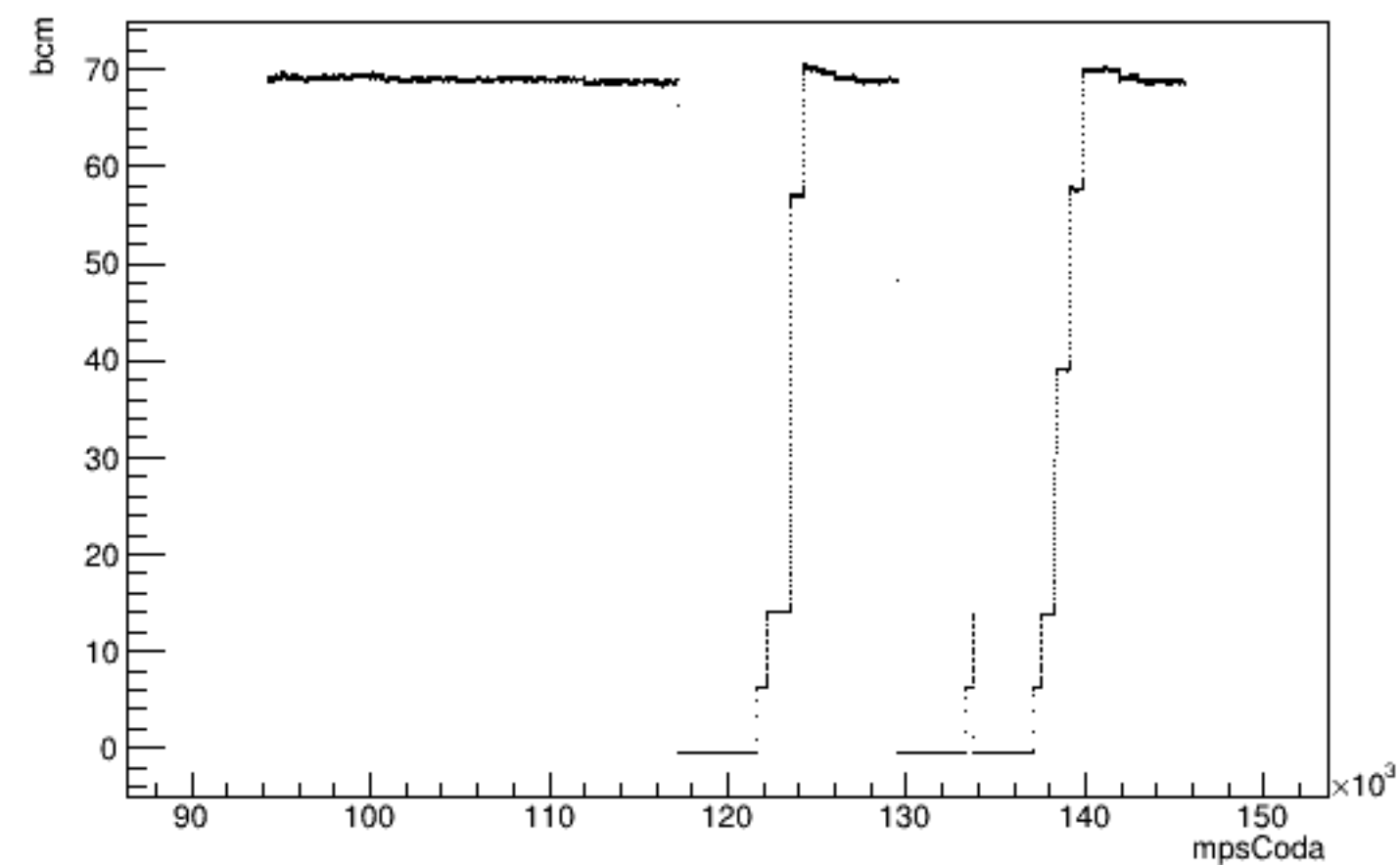
beamState + 1:mpsCoda {mpsCoda>=94303 && mpsCoda<=145622}



cavPowerCalibrated:mpsCoda {mpsCoda>=94303 && mpsCoda<=145622}

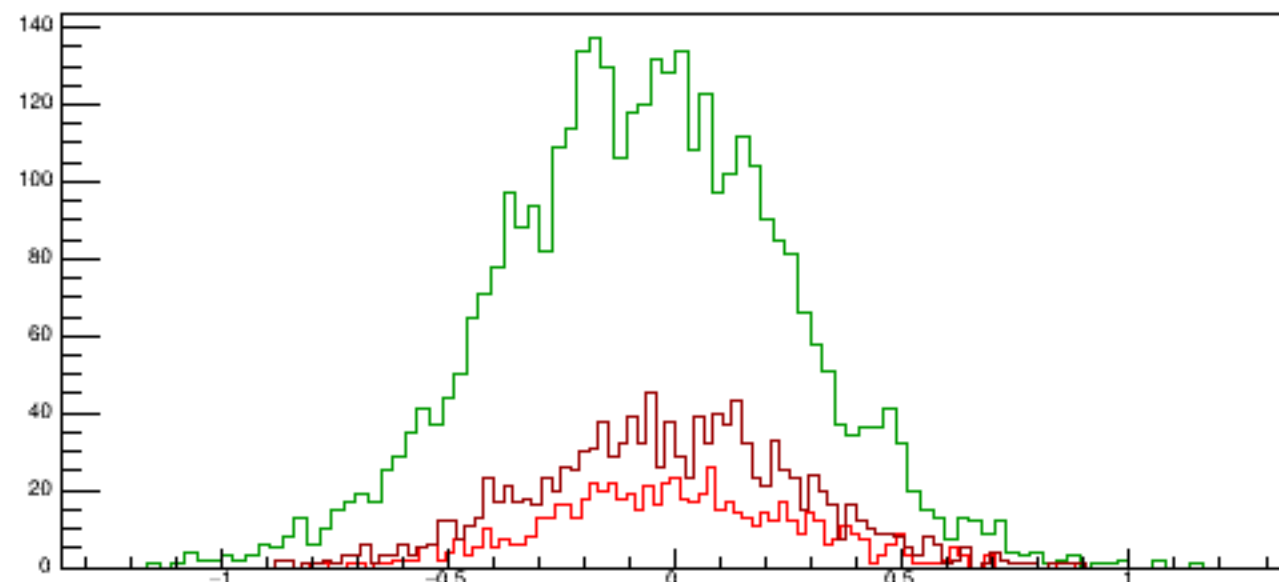


bcm:mpsCoda {mpsCoda>=94303 && mpsCoda<=145622}



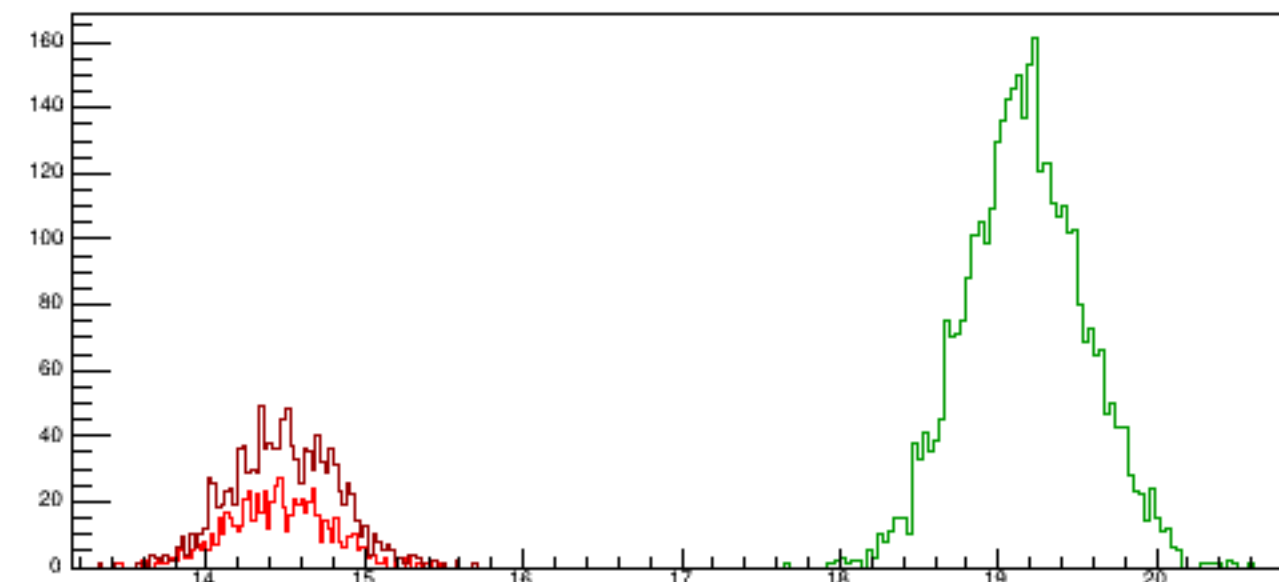
Cycle 3, Diffs

Entries: 693	Entries: 3750	Entries: 1239
Mean: -0.0060 +/- 0.0105	Mean: -0.0690 +/- 0.0052	Mean: -0.0180 +/- 0.0083
Std Dev: 0.2754 +/- 0.0074	Std Dev: 0.3206 +/- 0.0037	Std Dev: 0.2924 +/- 0.0059
Run 4402 quartetwise, Diffs		



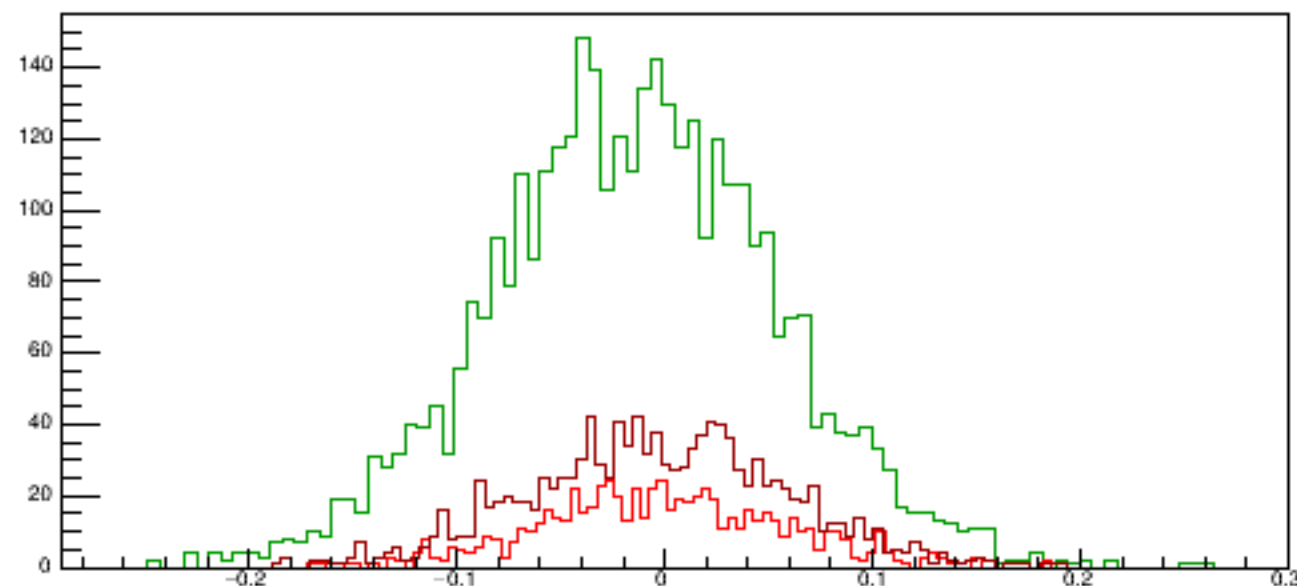
Cycle 3, Sums

Entries: 693	Entries: 3750	Entries: 1239
Mean: 14.4518 +/- 0.0121	Mean: 19.1690 +/- 0.0062	Mean: 14.4908 +/- 0.0096
Std Dev: 0.3189 +/- 0.0086	Std Dev: 0.3771 +/- 0.0044	Std Dev: 0.3368 +/- 0.0068
Run 4402 quartetwise, Sums		

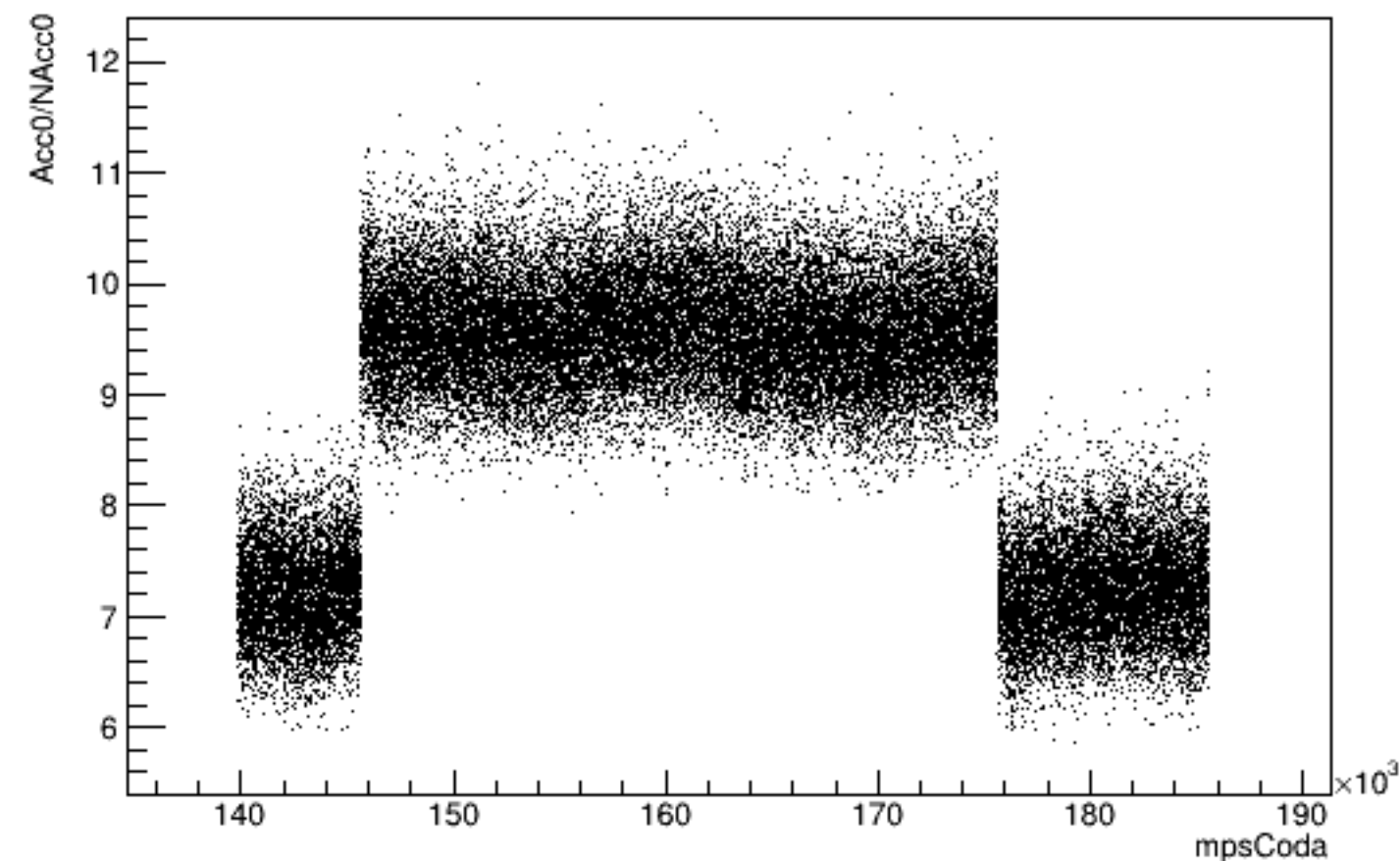


Cycle 3, Asyms

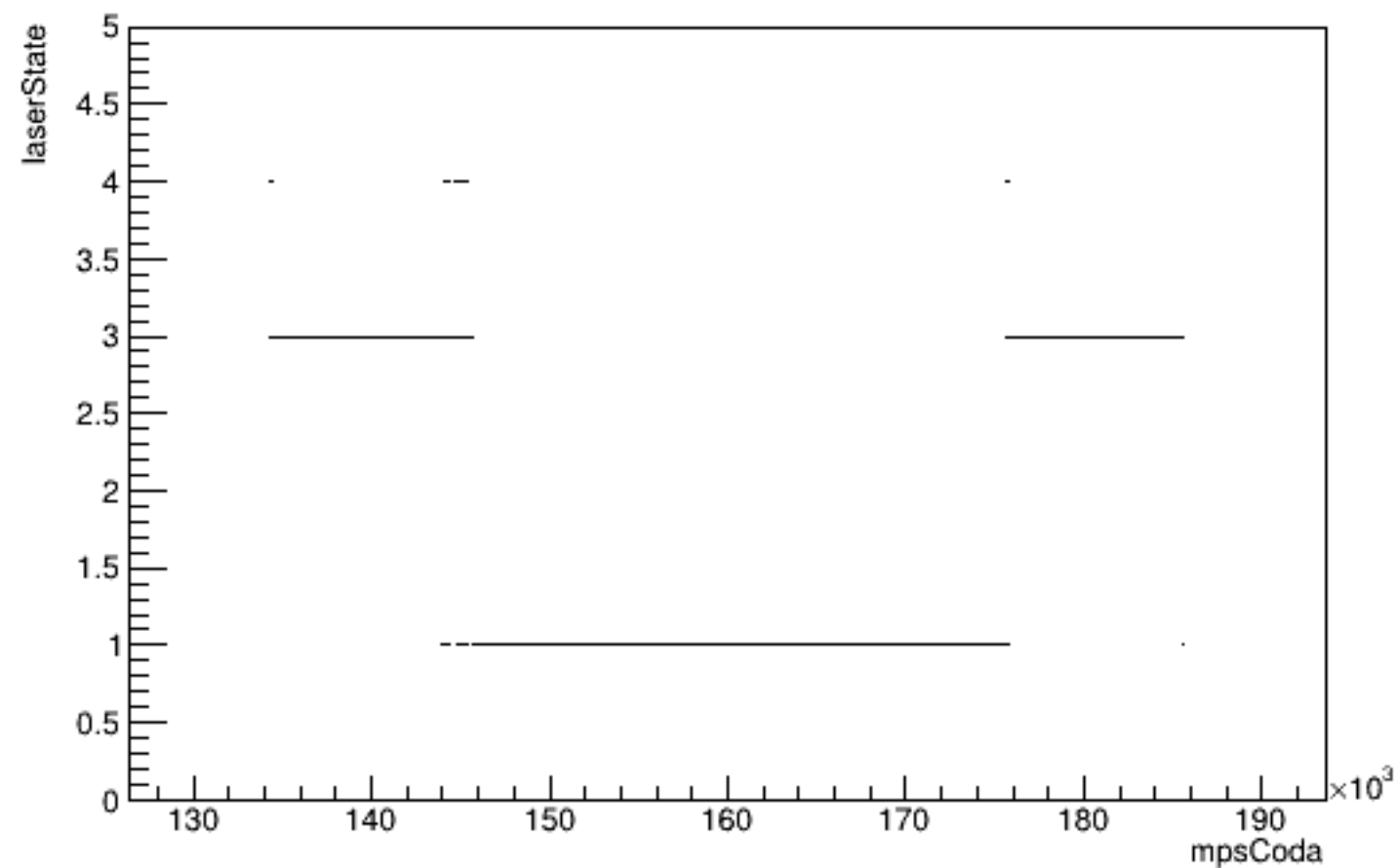
Entries: 693	Entries: 3750	Entries: 1239
Mean: -0.0013 +/- 0.0022	Mean: -0.0147 +/- 0.0011	Mean: -0.0038 +/- 0.0018
Std Dev: 0.0586 +/- 0.0016	Std Dev: 0.0686 +/- 0.0008	Std Dev: 0.0622 +/- 0.0013
Run 4402 quartetwise, Asyms		



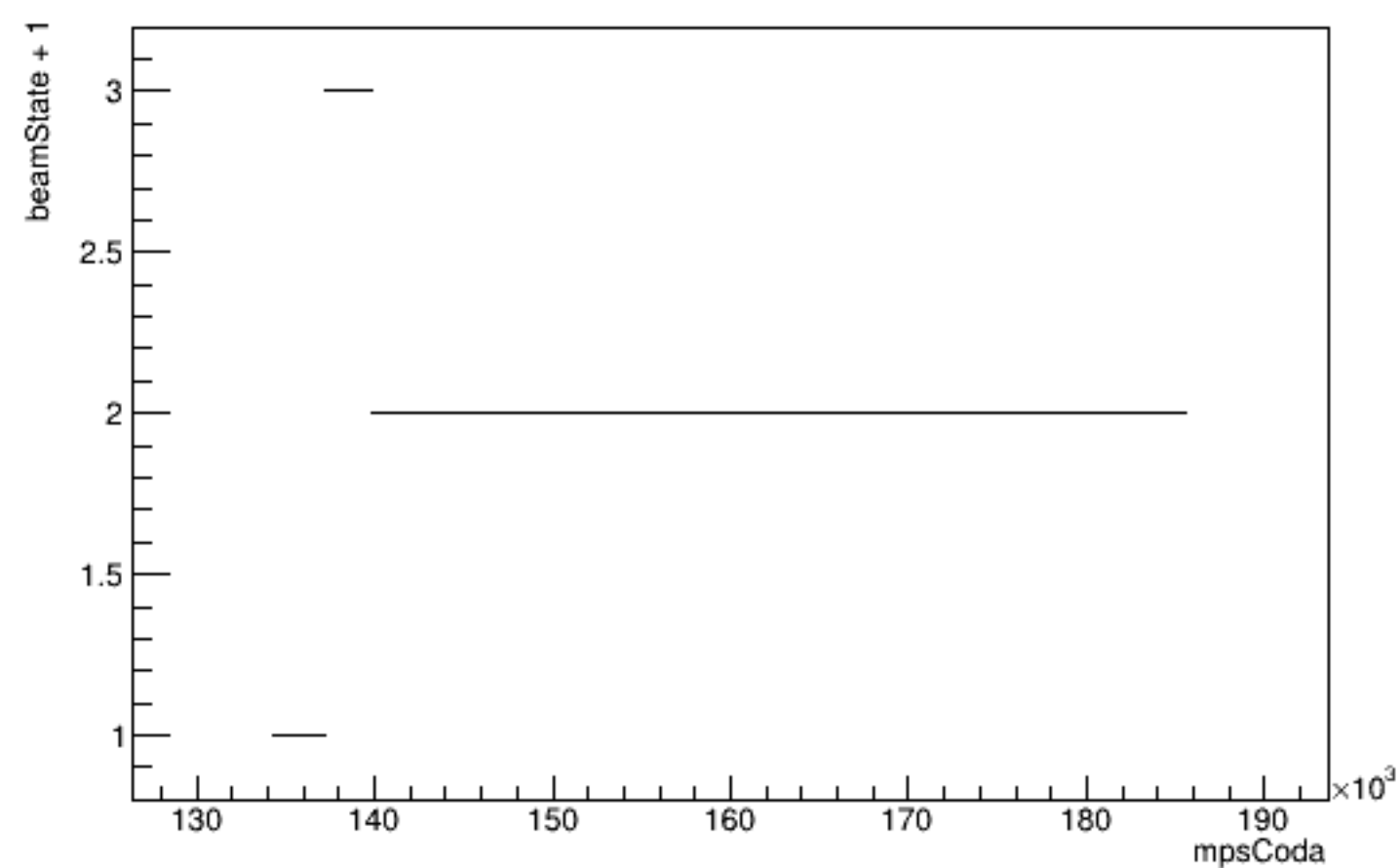
Acc0/NAcc0:mpsCoda {mpsCoda>=134231 && mpsCoda<=185590 && beamState==1}



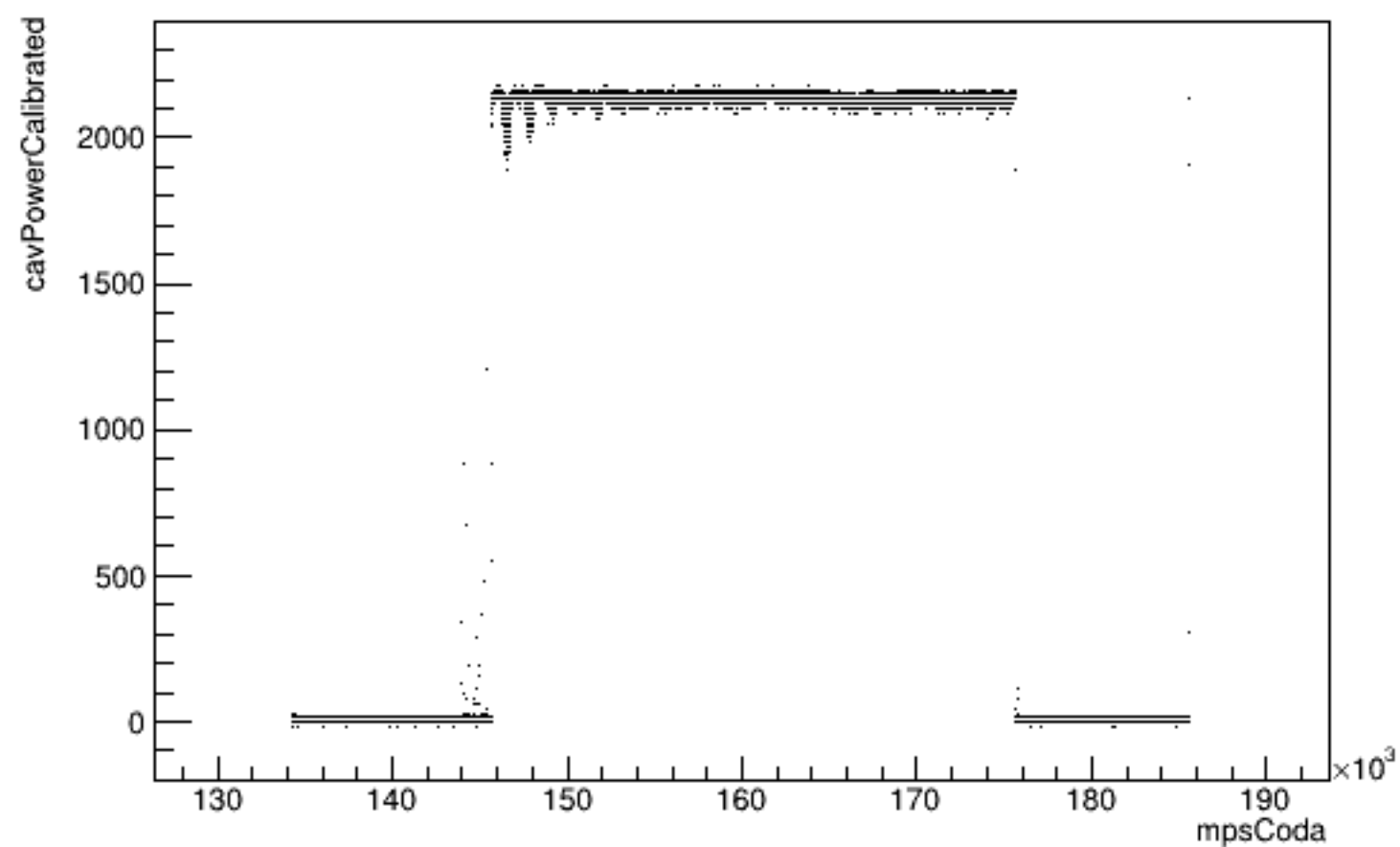
laserState:mpsCoda {mpsCoda>=134231 && mpsCoda<=185590}



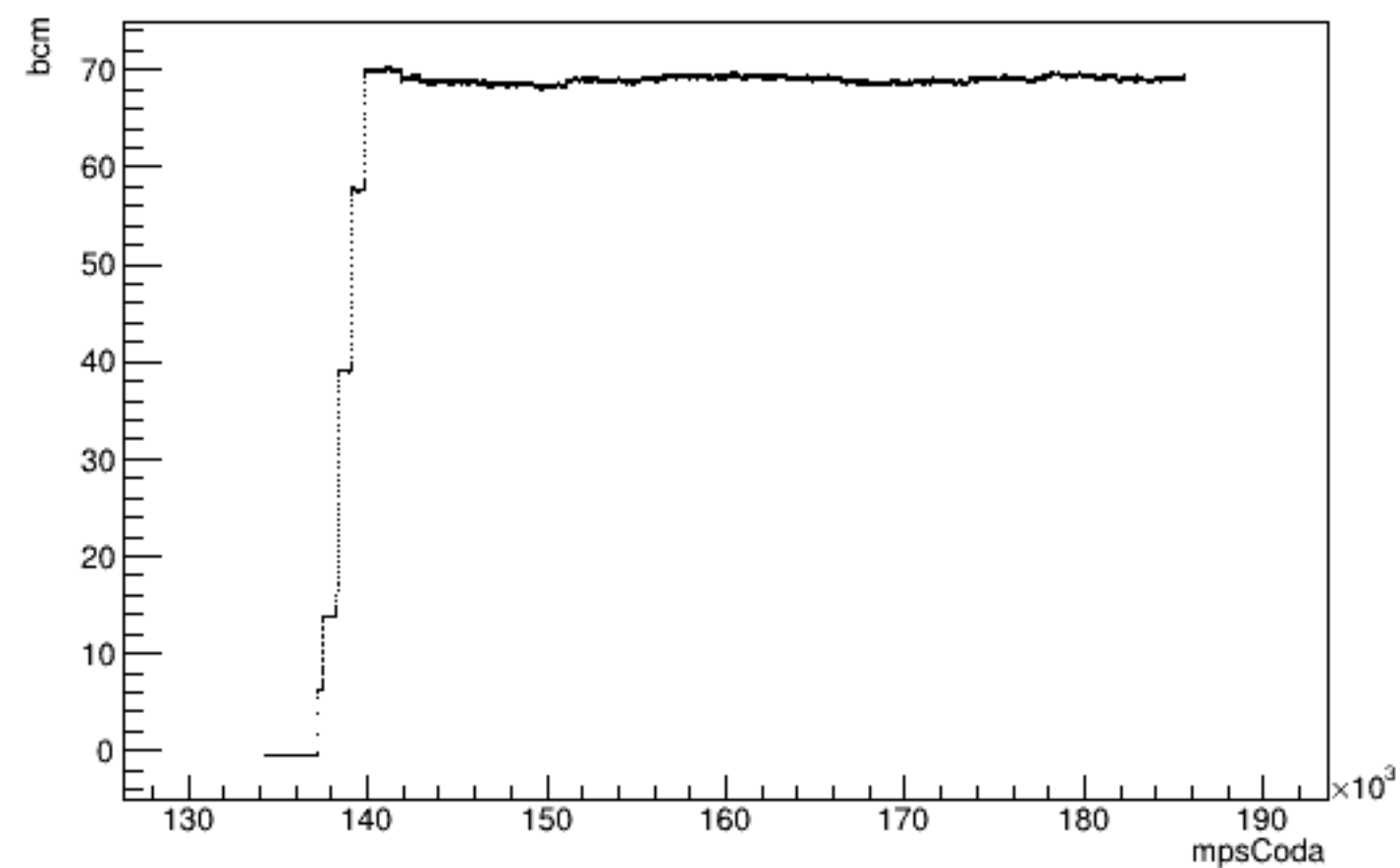
beamState + 1:mpsCoda {mpsCoda>=134231 && mpsCoda<=185590}



cavPowerCalibrated:mpsCoda {mpsCoda>=134231 && mpsCoda<=185590}



bcm:mpsCoda {mpsCoda>=134231 && mpsCoda<=185590}



Cycle 4, Diffs

Entries: 1239

Mean: -0.0180 +/- 0.0083

Std Dev: 0.2924 +/- 0.0059

Entries: 3747

Mean: -0.0754 +/- 0.0053

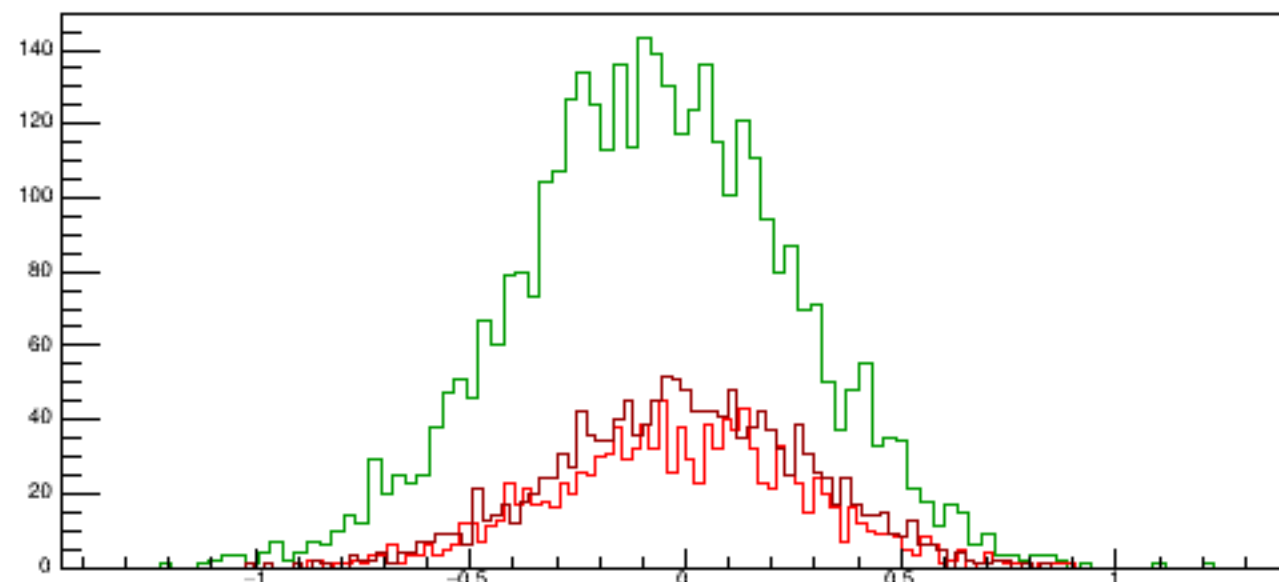
Std Dev: 0.3218 +/- 0.0037

Entries: 1502

Mean: -0.0132 +/- 0.0074

Std Dev: 0.2870 +/- 0.0052

Run 4402 quartetwise, Diffs



Cycle 4, Sums

Entries: 1239

Mean: 14.4908 +/- 0.0096

Std Dev: 0.3368 +/- 0.0068

Entries: 3747

Mean: 19.0943 +/- 0.0064

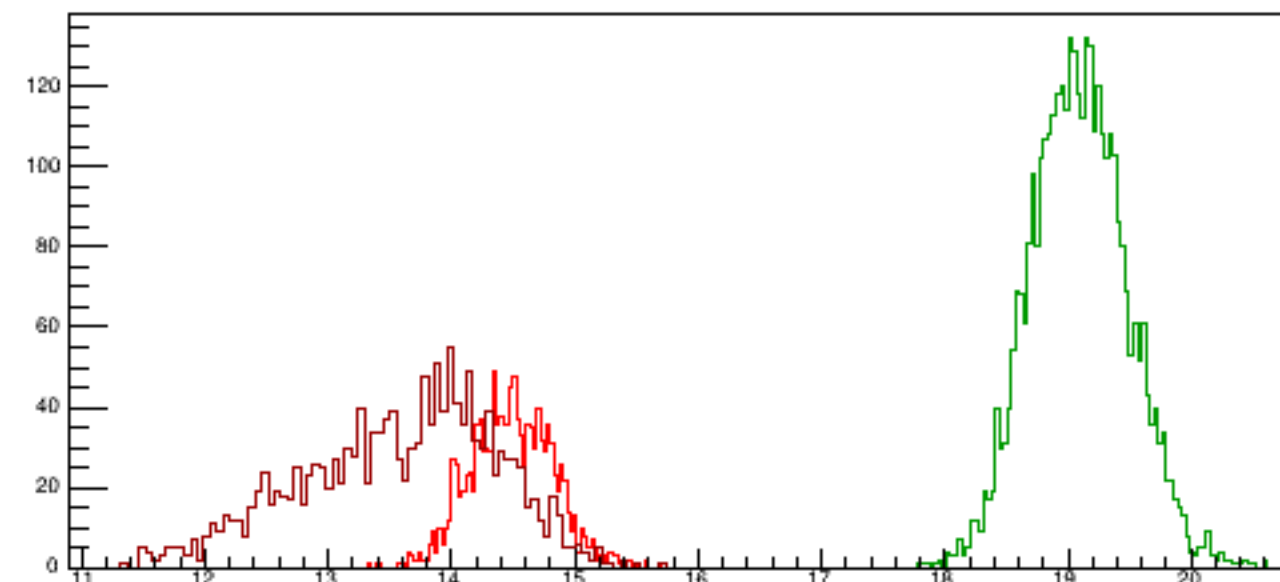
Std Dev: 0.3906 +/- 0.0045

Entries: 1502

Mean: 13.5700 +/- 0.0203

Std Dev: 0.7861 +/- 0.0143

Run 4402 quartetwise, Sums



Cycle 4, Asyms

Entries: 1239

Mean: -0.0035 +/- 0.0016

Std Dev: 0.0577 +/- 0.0012

Entries: 3747

Mean: -0.0150 +/- 0.0010

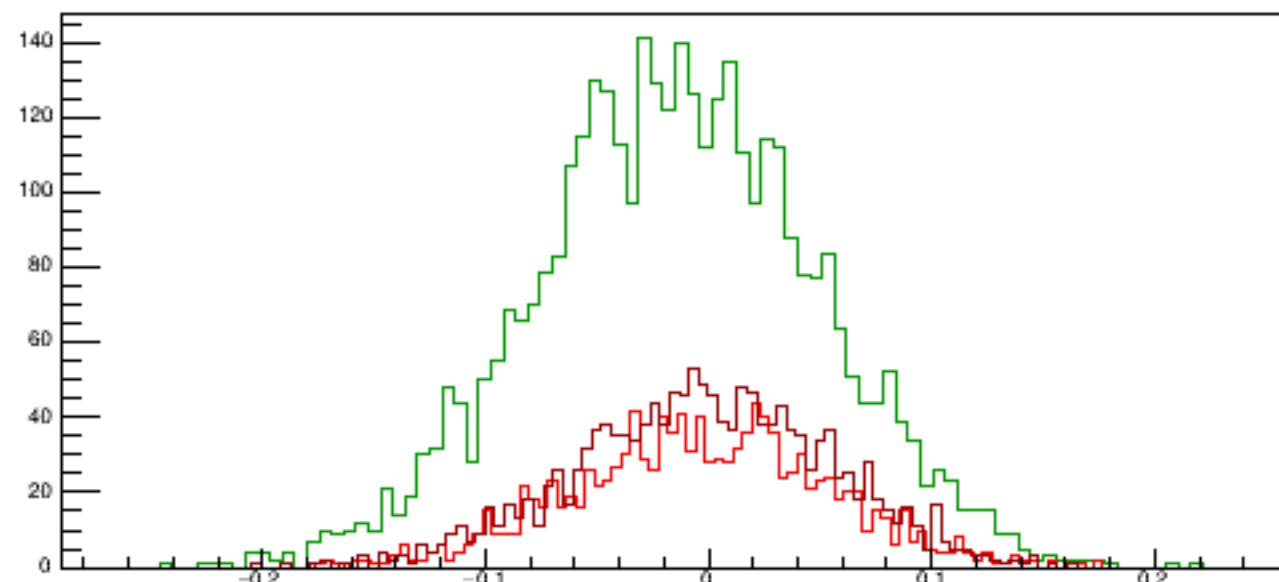
Std Dev: 0.0637 +/- 0.0007

Entries: 1502

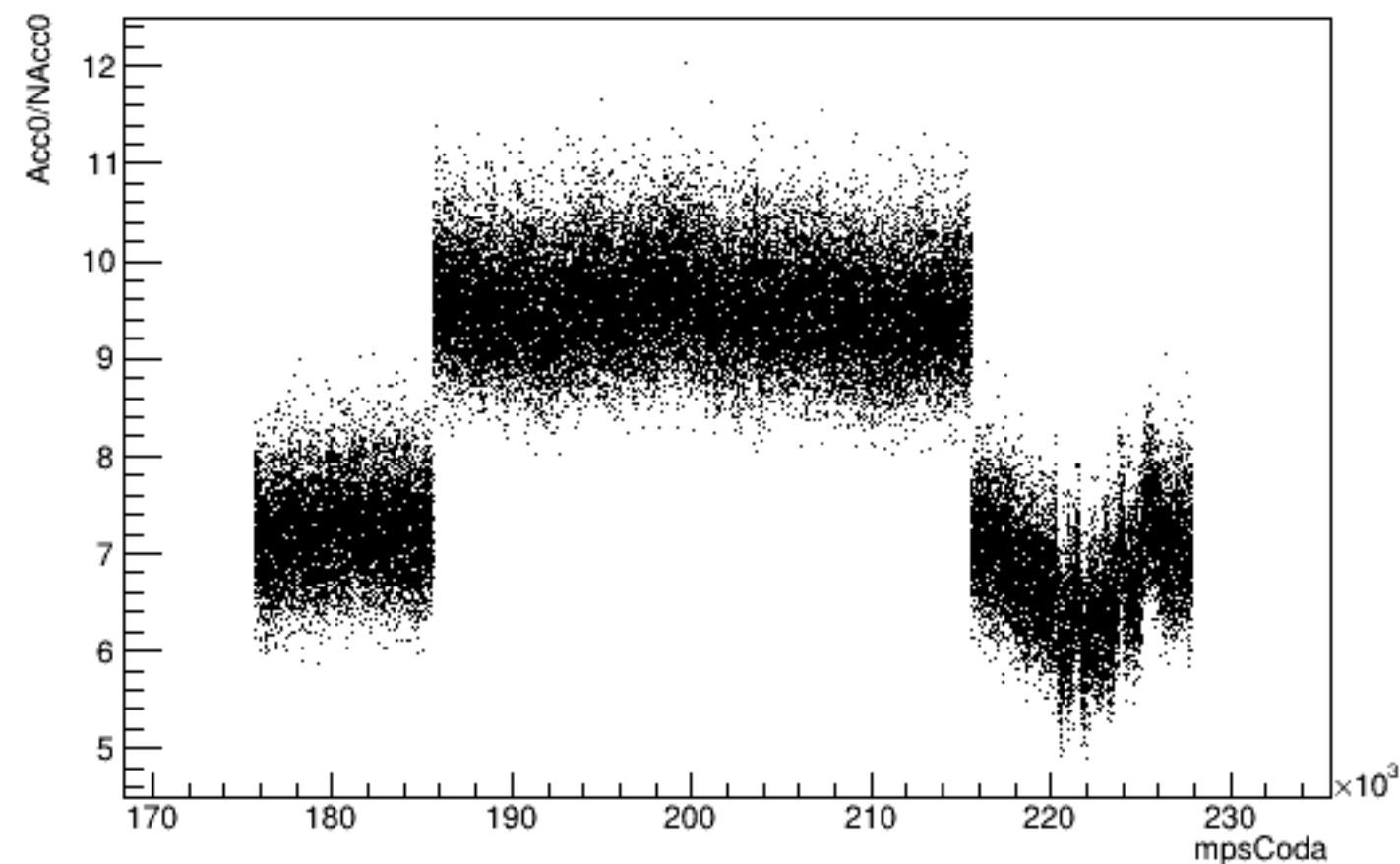
Mean: -0.0026 +/- 0.0015

Std Dev: 0.0567 +/- 0.0010

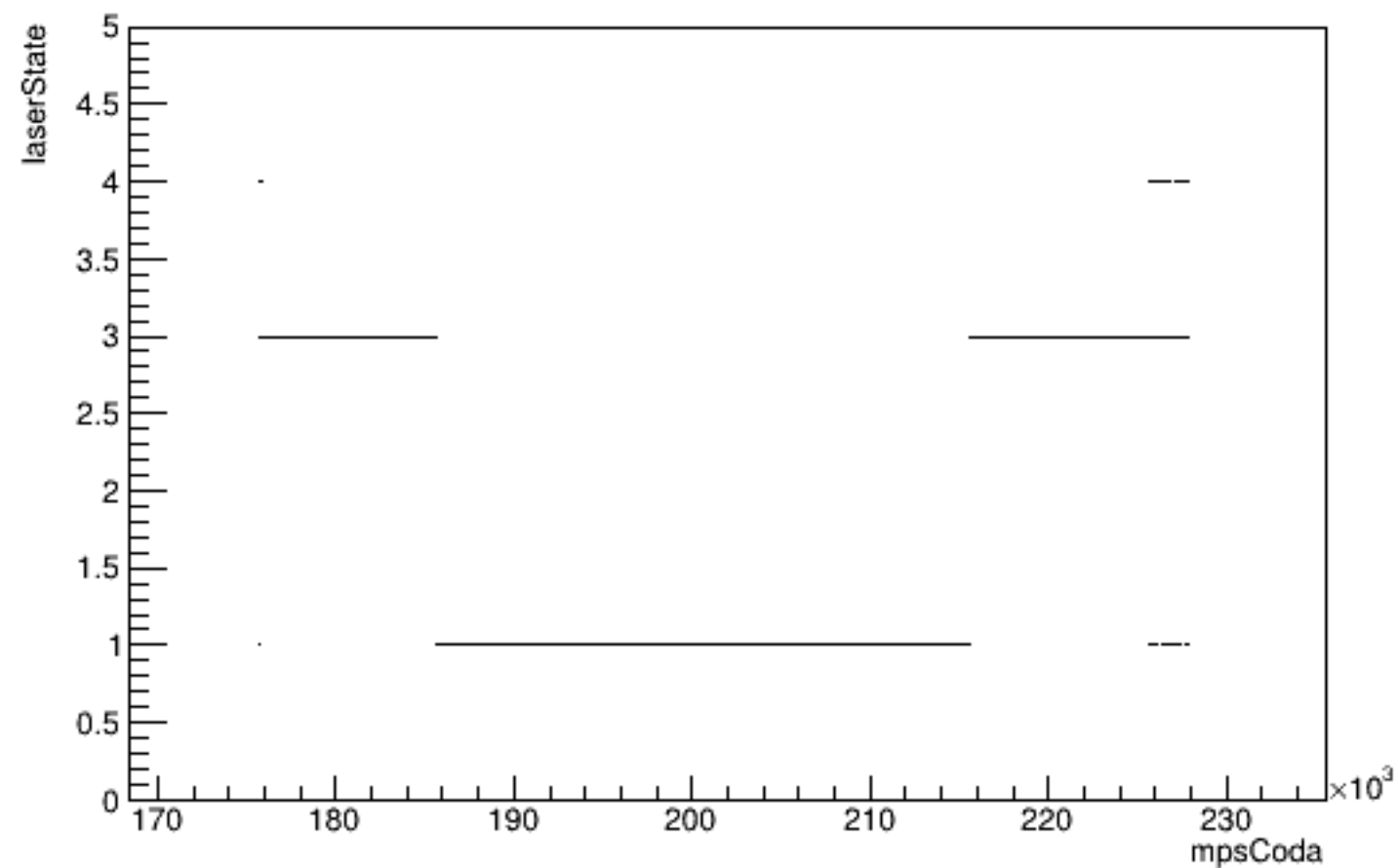
Run 4402 quartetwise, Asyms



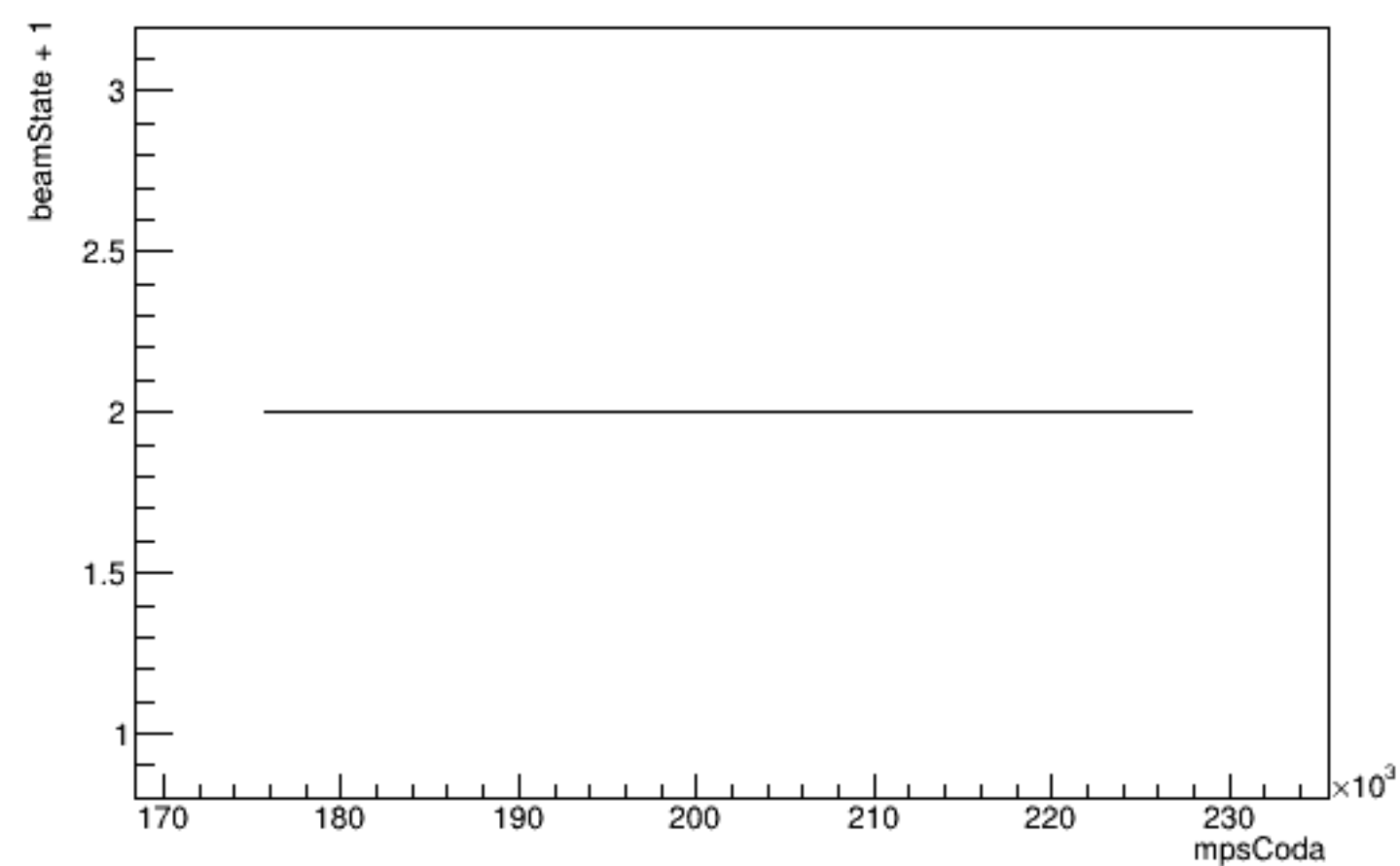
Acc0/NAcc0:mpsCoda {mpsCoda>=175631 && mpsCoda<=227886 && beamState==1}



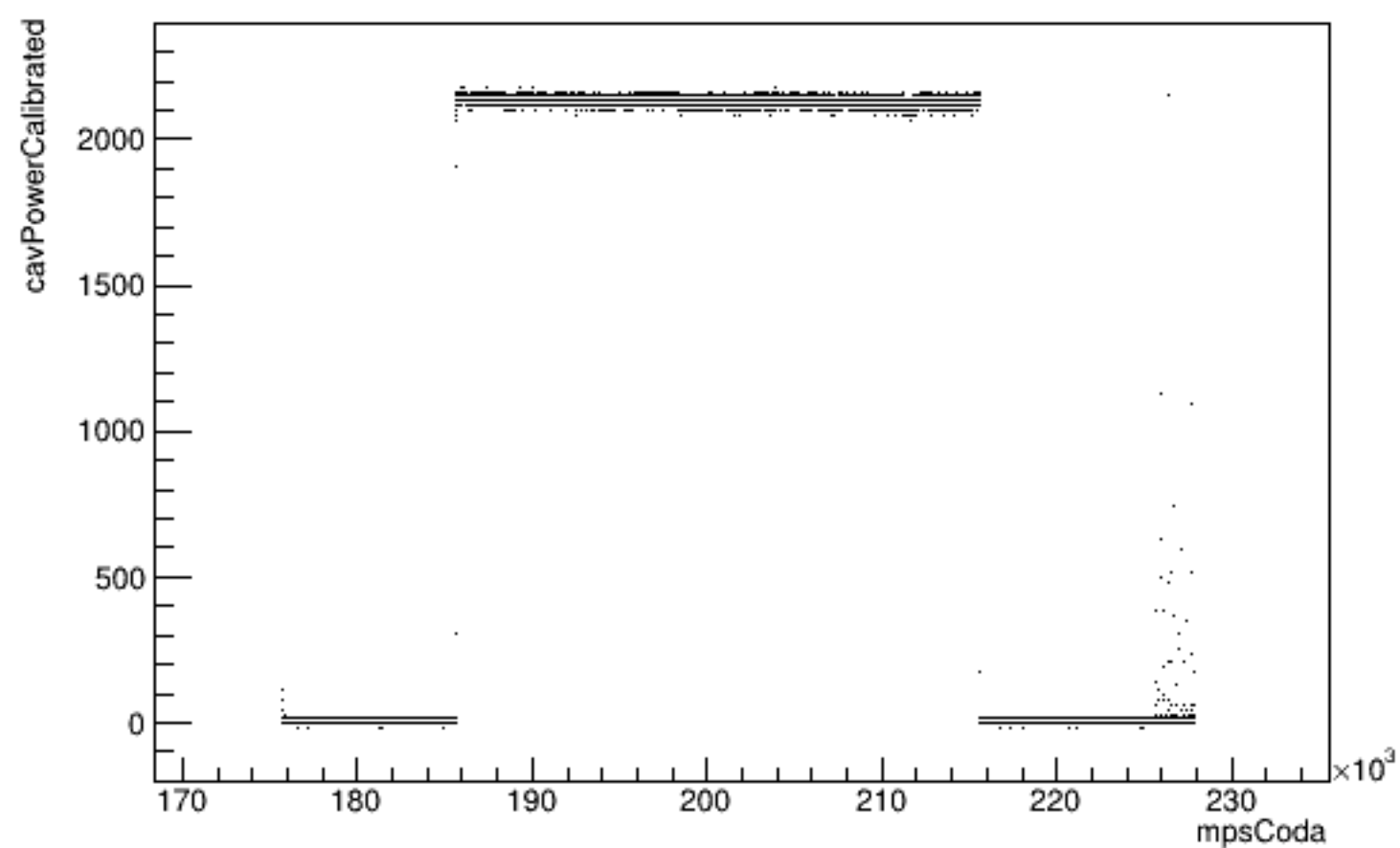
laserState:mpsCoda {mpsCoda>=175631 && mpsCoda<=227886}



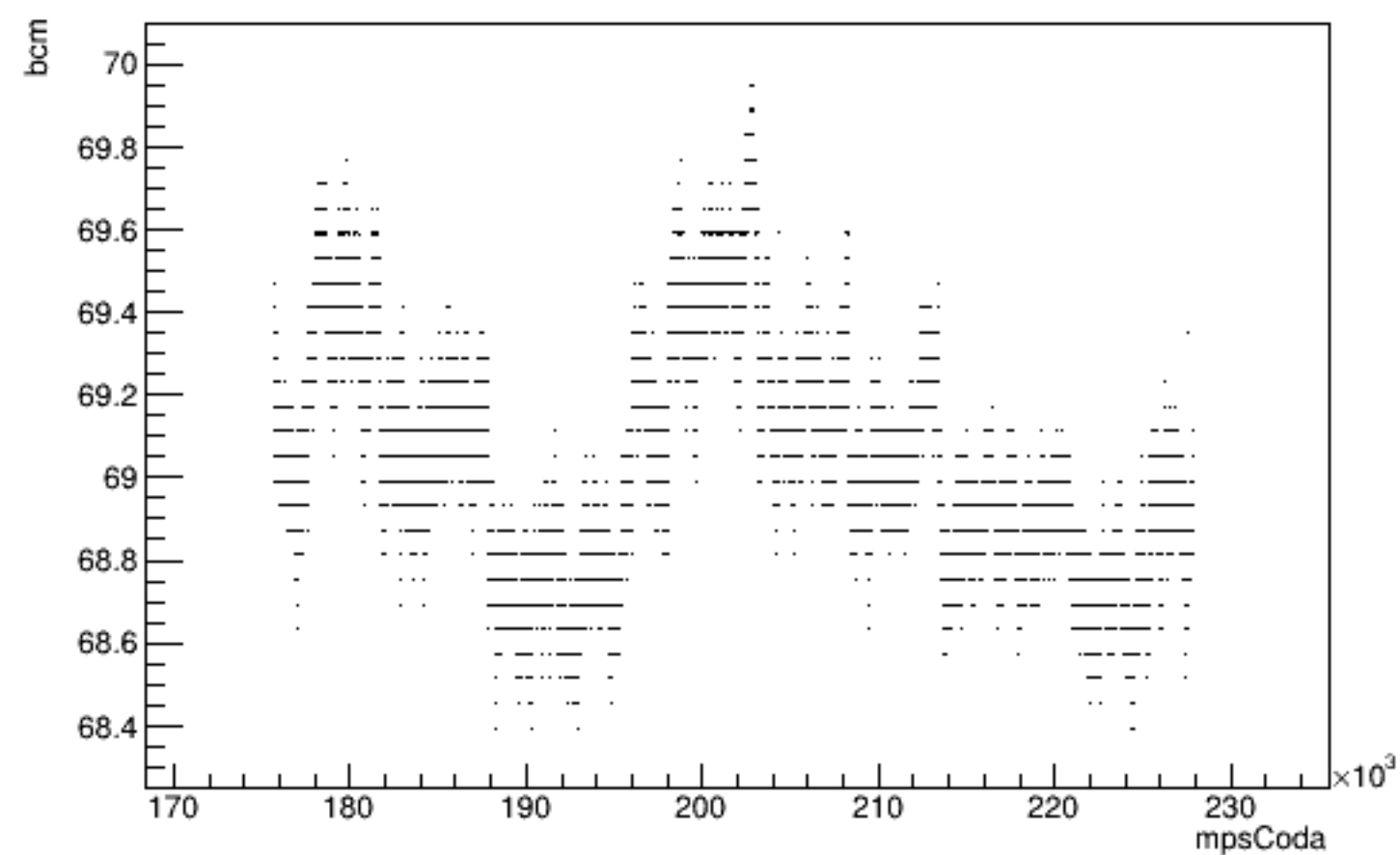
beamState + 1:mpsCoda {mpsCoda>=175631 && mpsCoda<=227886}



cavPowerCalibrated:mpsCoda {mpsCoda>=175631 && mpsCoda<=227886}



bcm:mpsCoda {mpsCoda>=175631 && mpsCoda<=227886}



Cycle 5, Diffs

Entries: 1502

Mean: -0.0132 +/- 0.0074

Std Dev: 0.2870 +/- 0.0052

Entries: 3694

Mean: -0.0765 +/- 0.0054

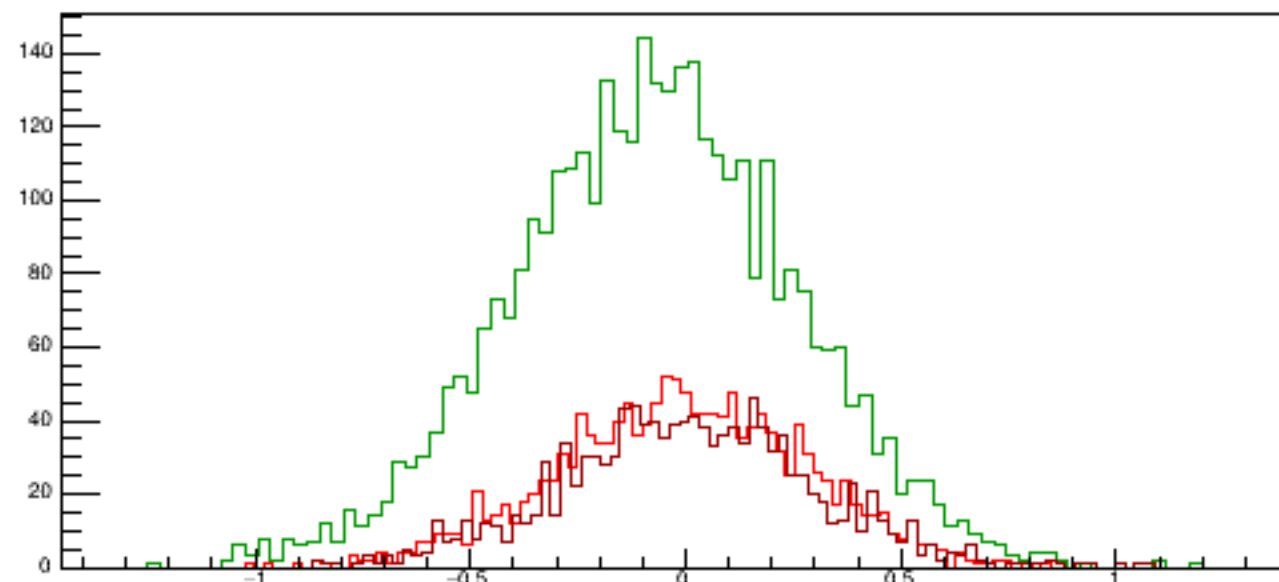
Std Dev: 0.3274 +/- 0.0038

Entries: 1261

Mean: 0.0033 +/- 0.0083

Std Dev: 0.2947 +/- 0.0059

Run 4402 quartetwise, Diffs



Cycle 5, Sums

Entries: 1502

Mean: 13.5700 +/- 0.0203

Std Dev: 0.7861 +/- 0.0143

Entries: 3694

Mean: 19.6098 +/- 0.0094

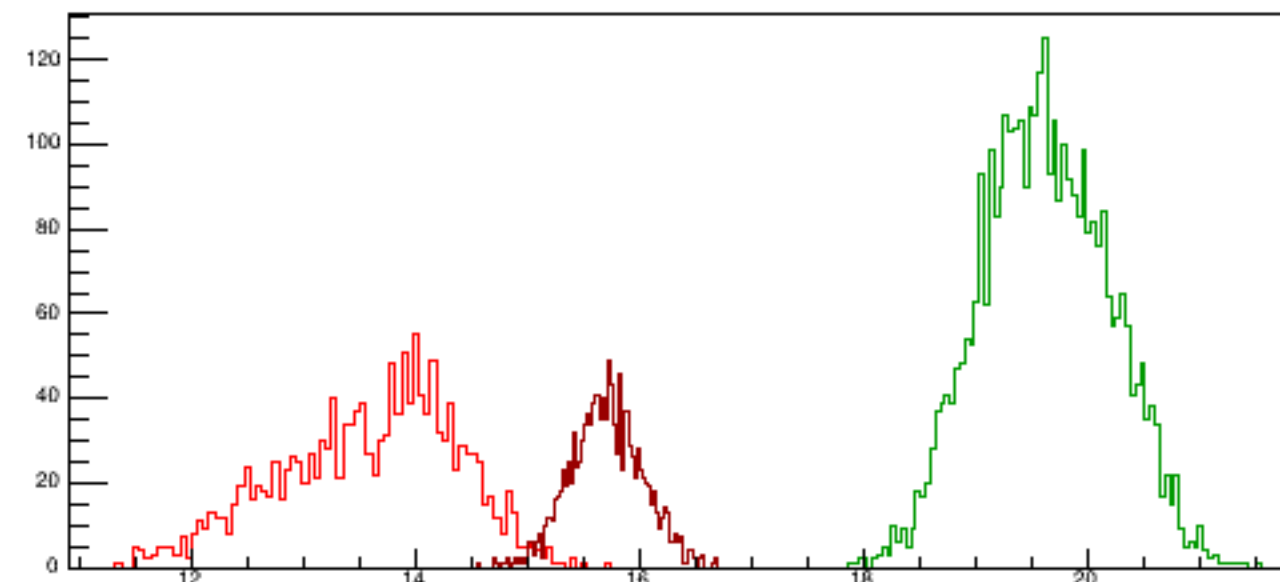
Std Dev: 0.5712 +/- 0.0066

Entries: 1261

Mean: 15.6947 +/- 0.0091

Std Dev: 0.3229 +/- 0.0064

Run 4402 quartetwise, Sums



Cycle 5, Asyms

Entries: 1502

Mean: -0.0027 +/- 0.0015

Std Dev: 0.0577 +/- 0.0011

Entries: 3694

Mean: -0.0155 +/- 0.0011

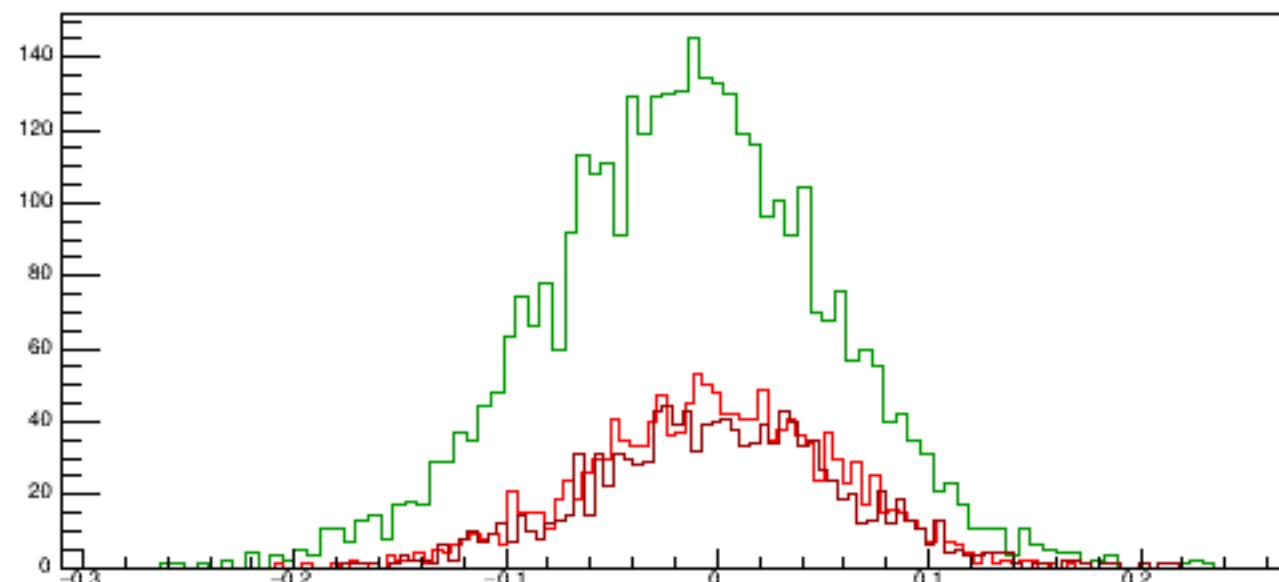
Std Dev: 0.0671 +/- 0.0008

Entries: 1261

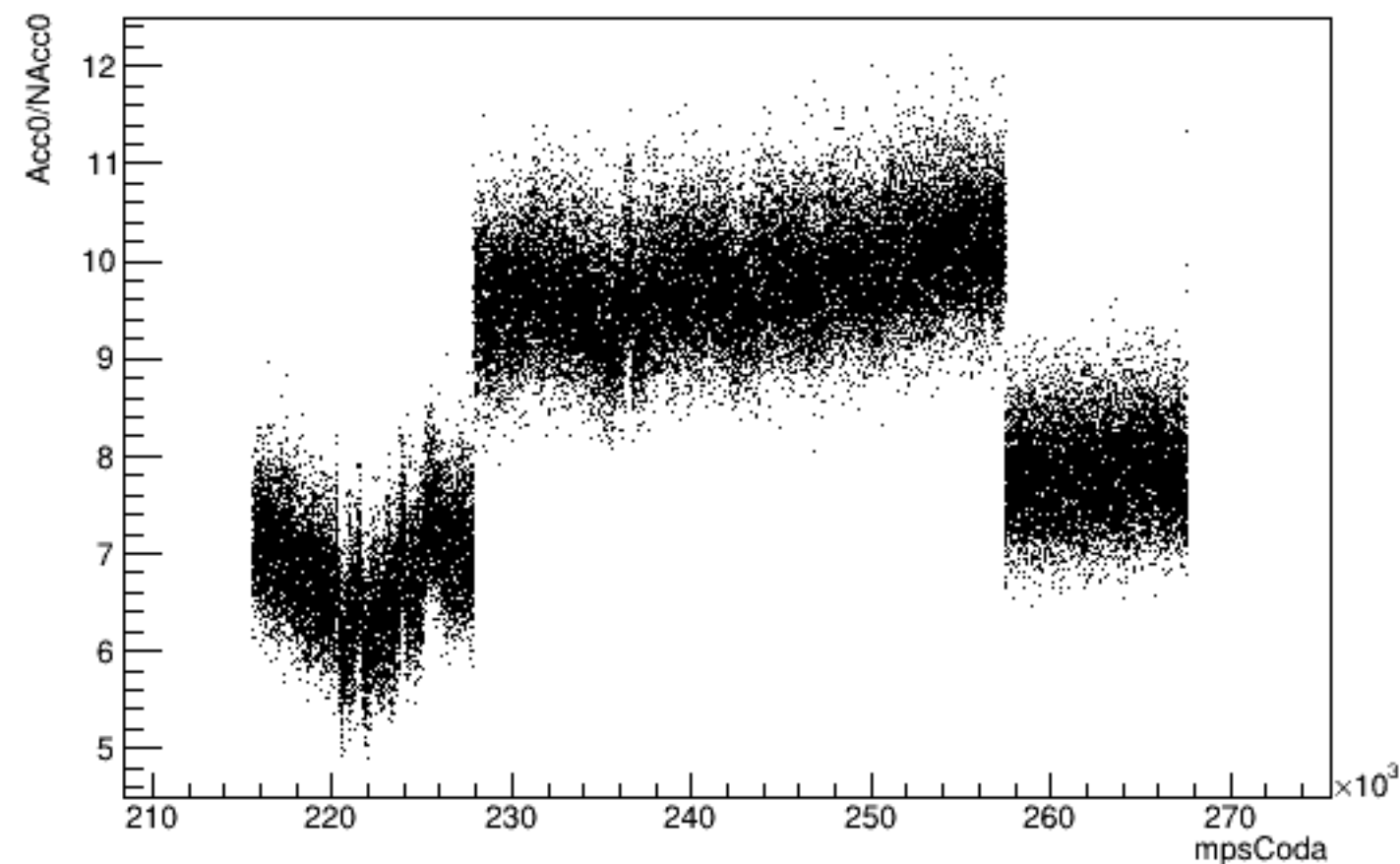
Mean: 0.0007 +/- 0.0017

Std Dev: 0.0592 +/- 0.0012

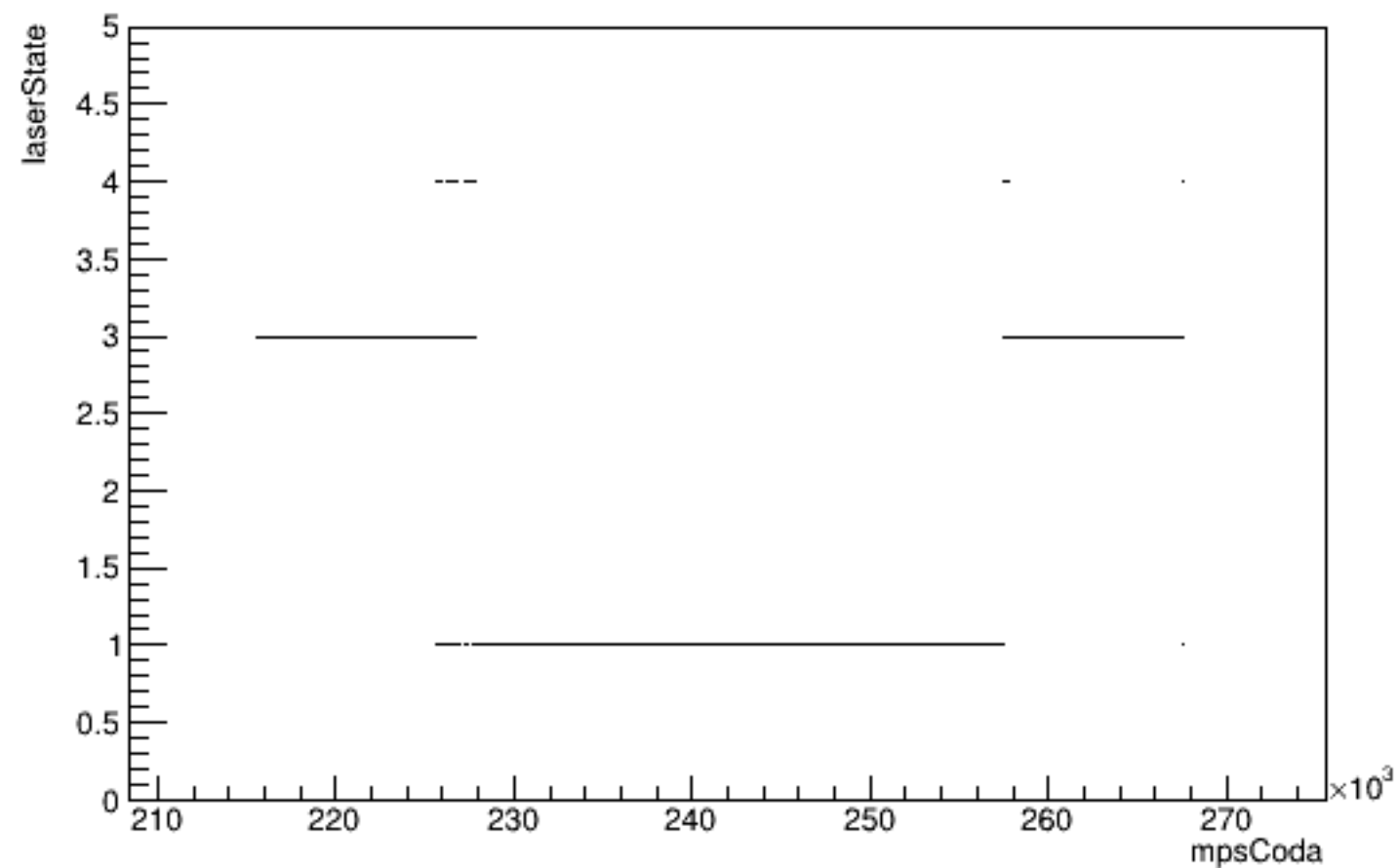
Run 4402 quartetwise, Asyms



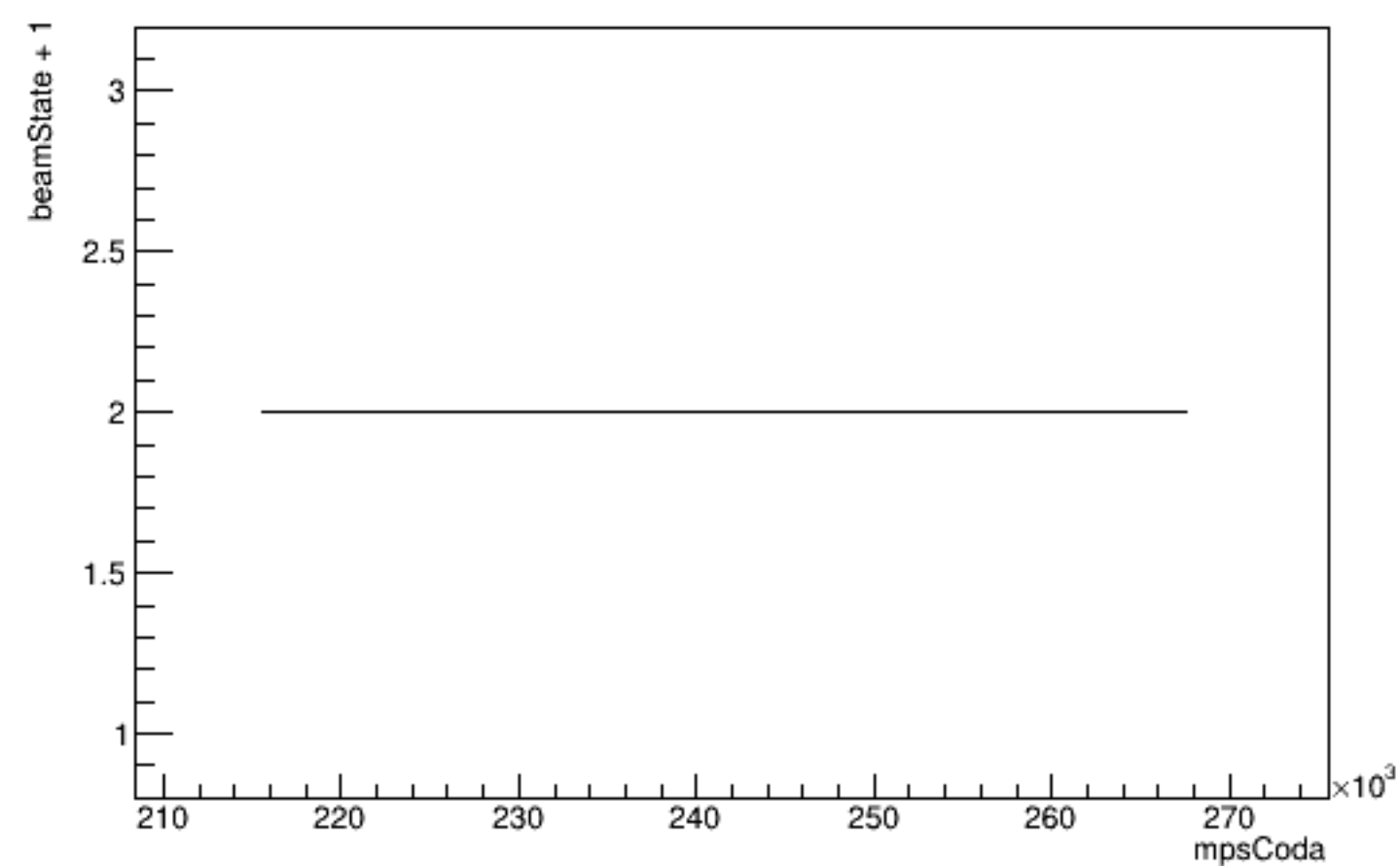
Acc0/NAcc0:mpsCoda {mpsCoda>=215575 && mpsCoda<=267582 && beamState==1}



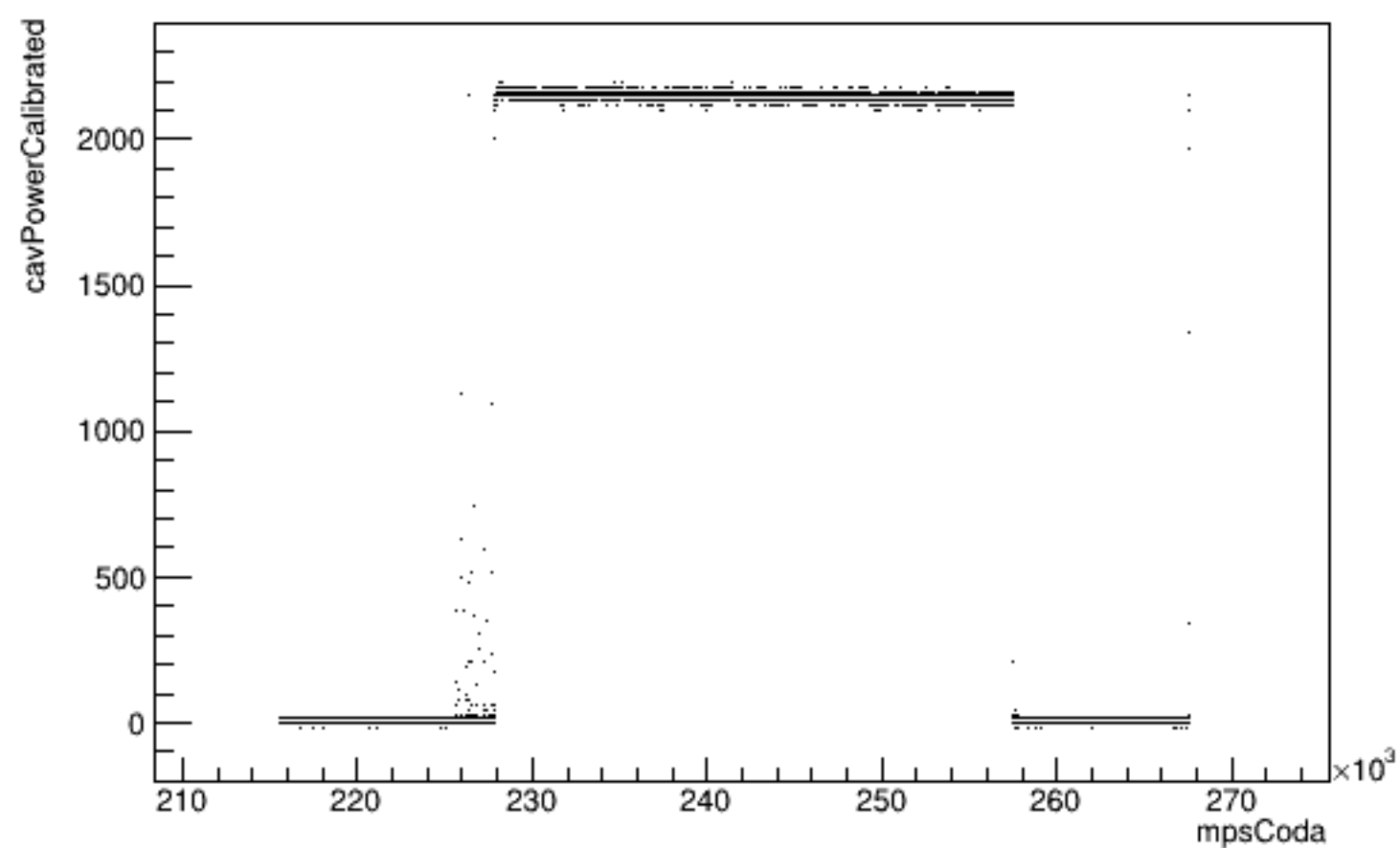
laserState:mpsCoda {mpsCoda>=215575 && mpsCoda<=267582}



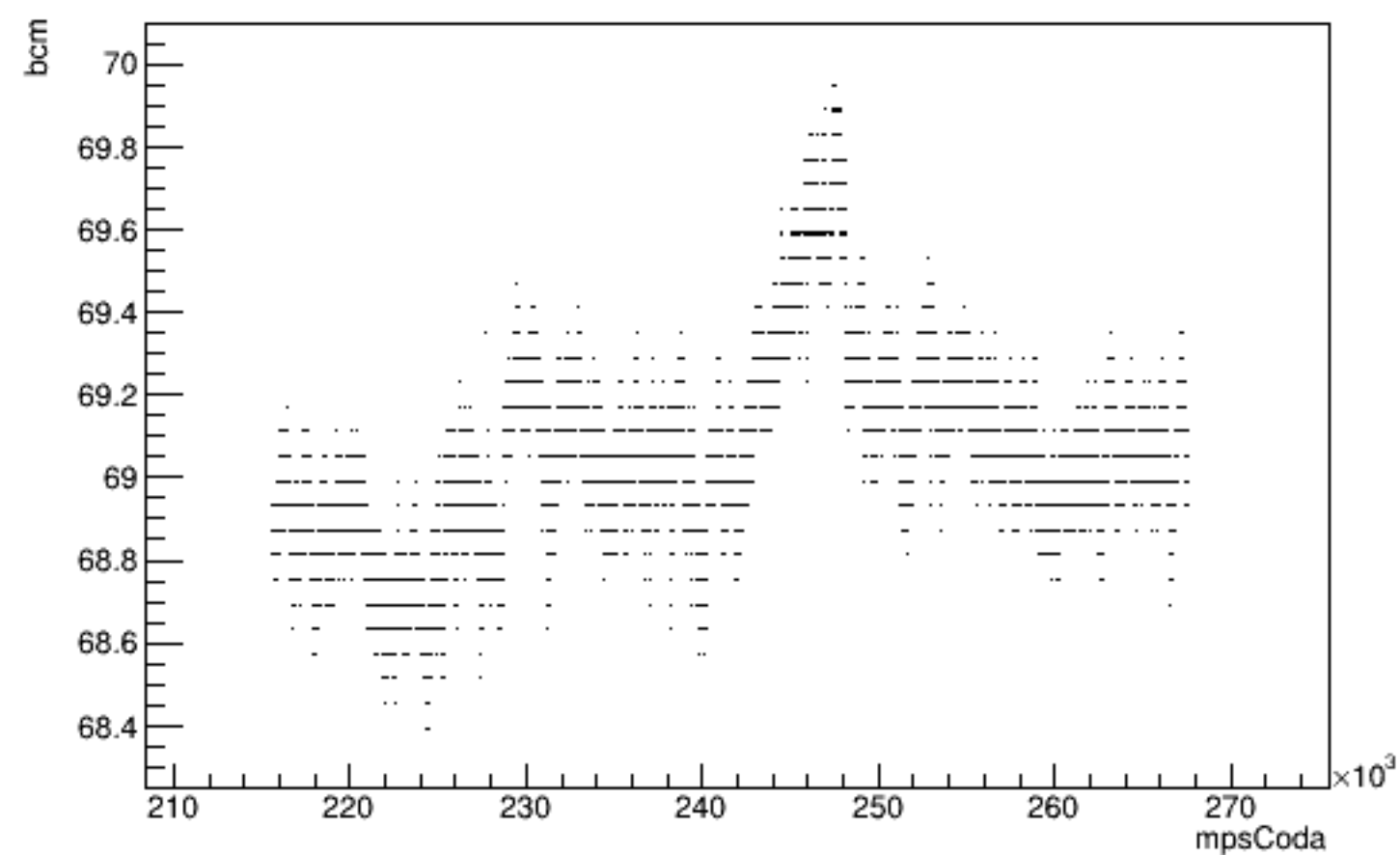
beamState + 1:mpsCoda {mpsCoda>=215575 && mpsCoda<=267582}



cavPowerCalibrated:mpsCoda {mpsCoda>=215575 && mpsCoda<=267582}



bcm:mpsCoda {mpsCoda>=215575 && mpsCoda<=267582}



Cycle 6, Diffs

Entries: 1261

Mean: 0.0033 +/- 0.0083

Std Dev: 0.2947 +/- 0.0059

Entries: 3724

Mean: -0.0784 +/- 0.0053

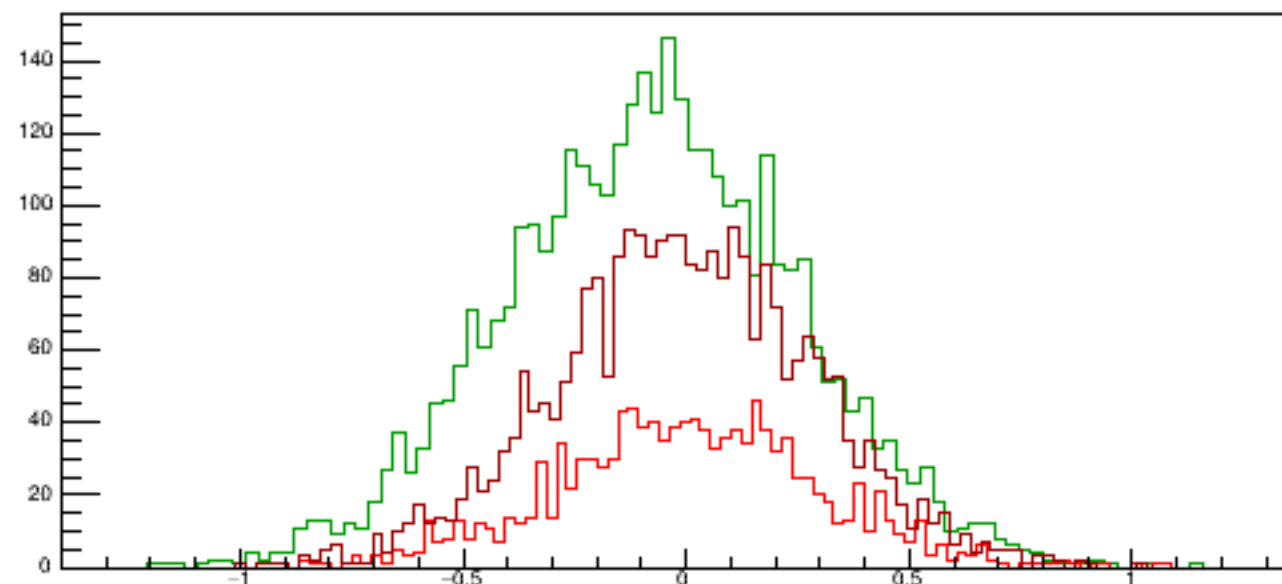
Std Dev: 0.3258 +/- 0.0038

Entries: 2753

Mean: -0.0055 +/- 0.0055

Std Dev: 0.2900 +/- 0.0039

Run 4402 quartetwise, Diffs



Cycle 6, Sums

Entries: 1261

Mean: 15.6947 +/- 0.0091

Std Dev: 0.3229 +/- 0.0064

Entries: 3724

Mean: 20.5352 +/- 0.0061

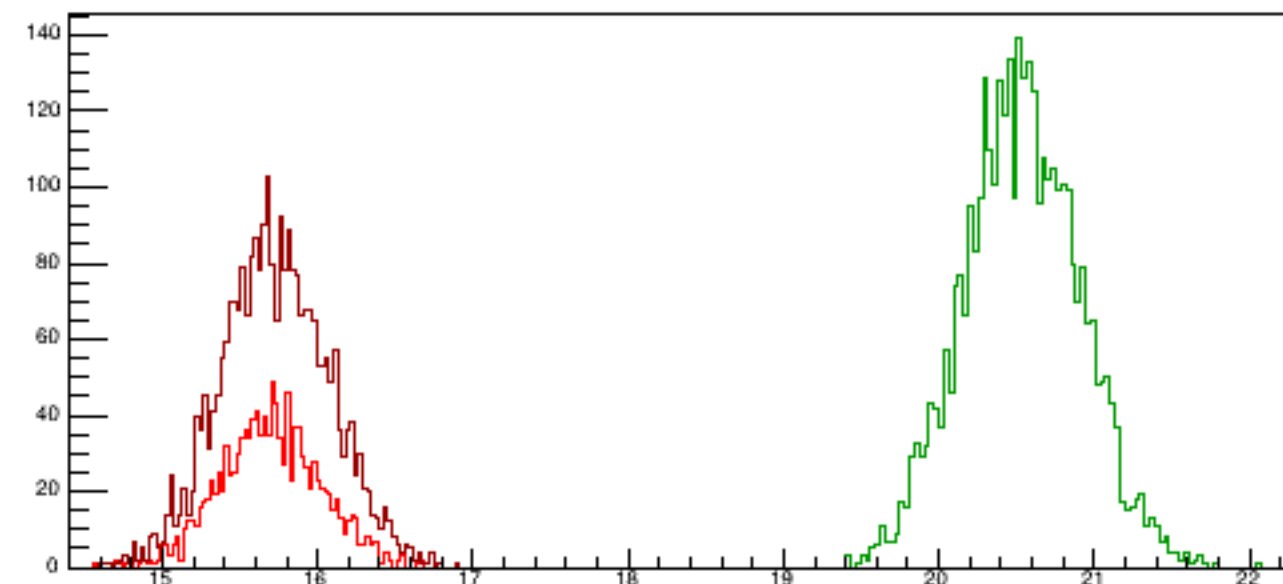
Std Dev: 0.3739 +/- 0.0043

Entries: 2753

Mean: 15.7258 +/- 0.0066

Std Dev: 0.3486 +/- 0.0047

Run 4402 quartetwise, Sums



Cycle 6, Asyms

Entries: 1261

Mean: 0.0007 +/- 0.0017

Std Dev: 0.0611 +/- 0.0012

Entries: 3724

Mean: -0.0162 +/- 0.0011

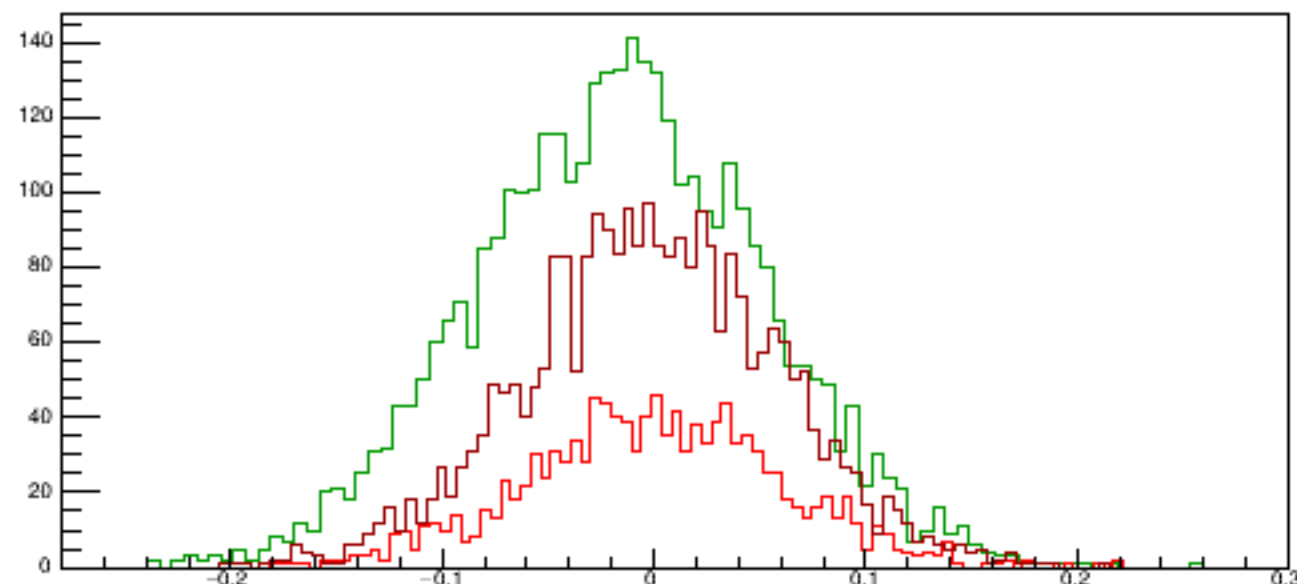
Std Dev: 0.0678 +/- 0.0008

Entries: 2753

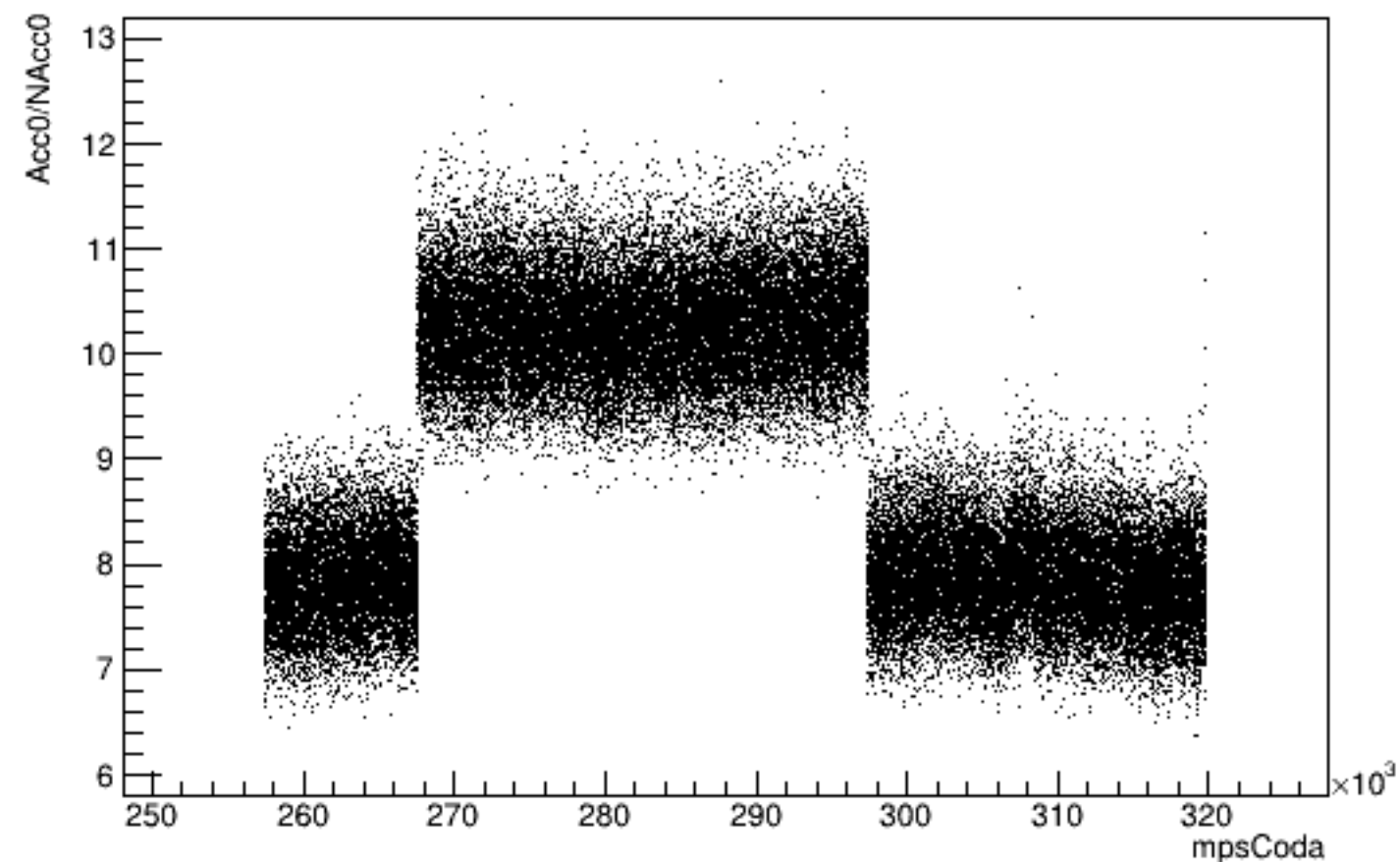
Mean: -0.0011 +/- 0.0011

Std Dev: 0.0601 +/- 0.0008

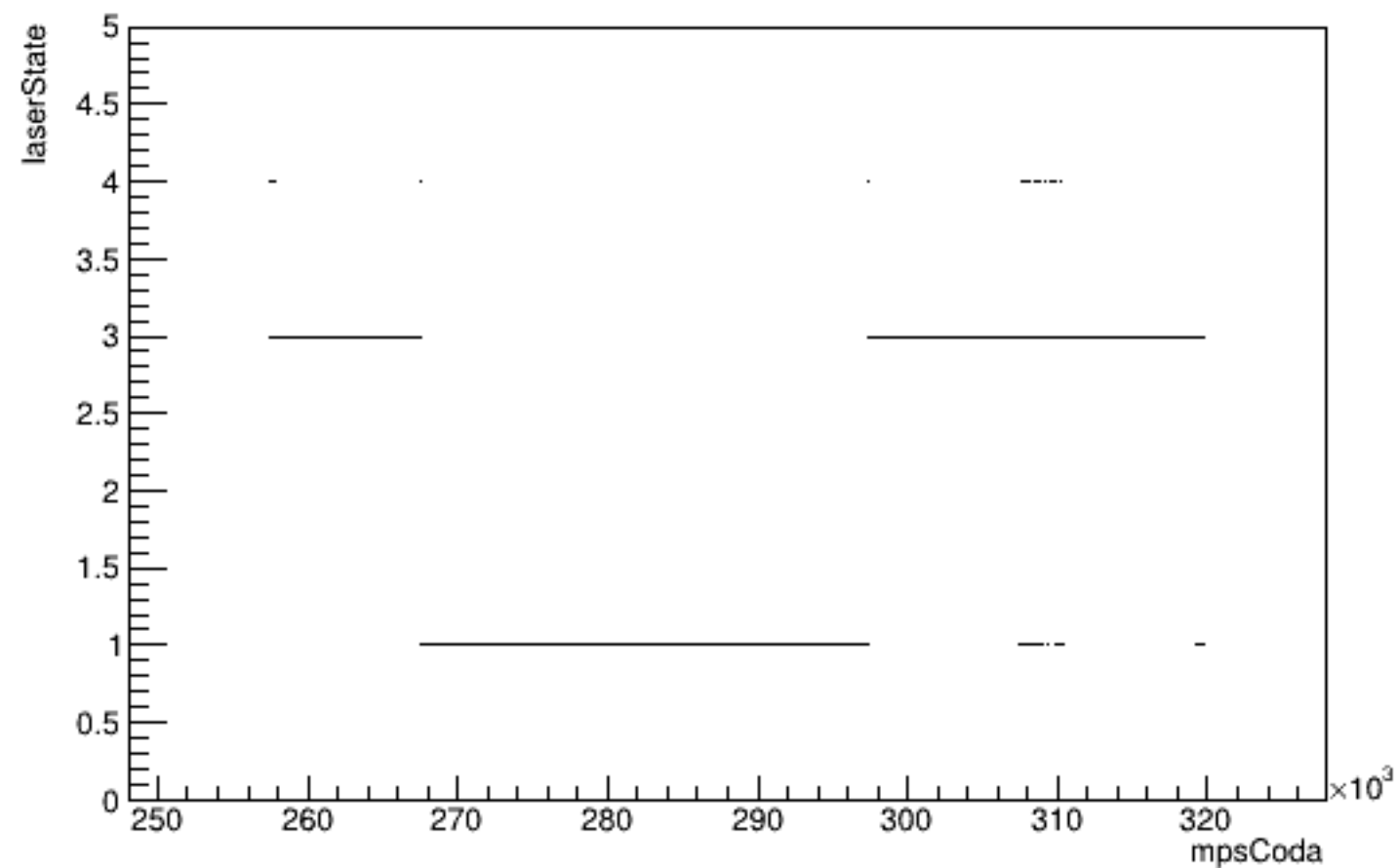
Run 4402 quartetwise, Asyms



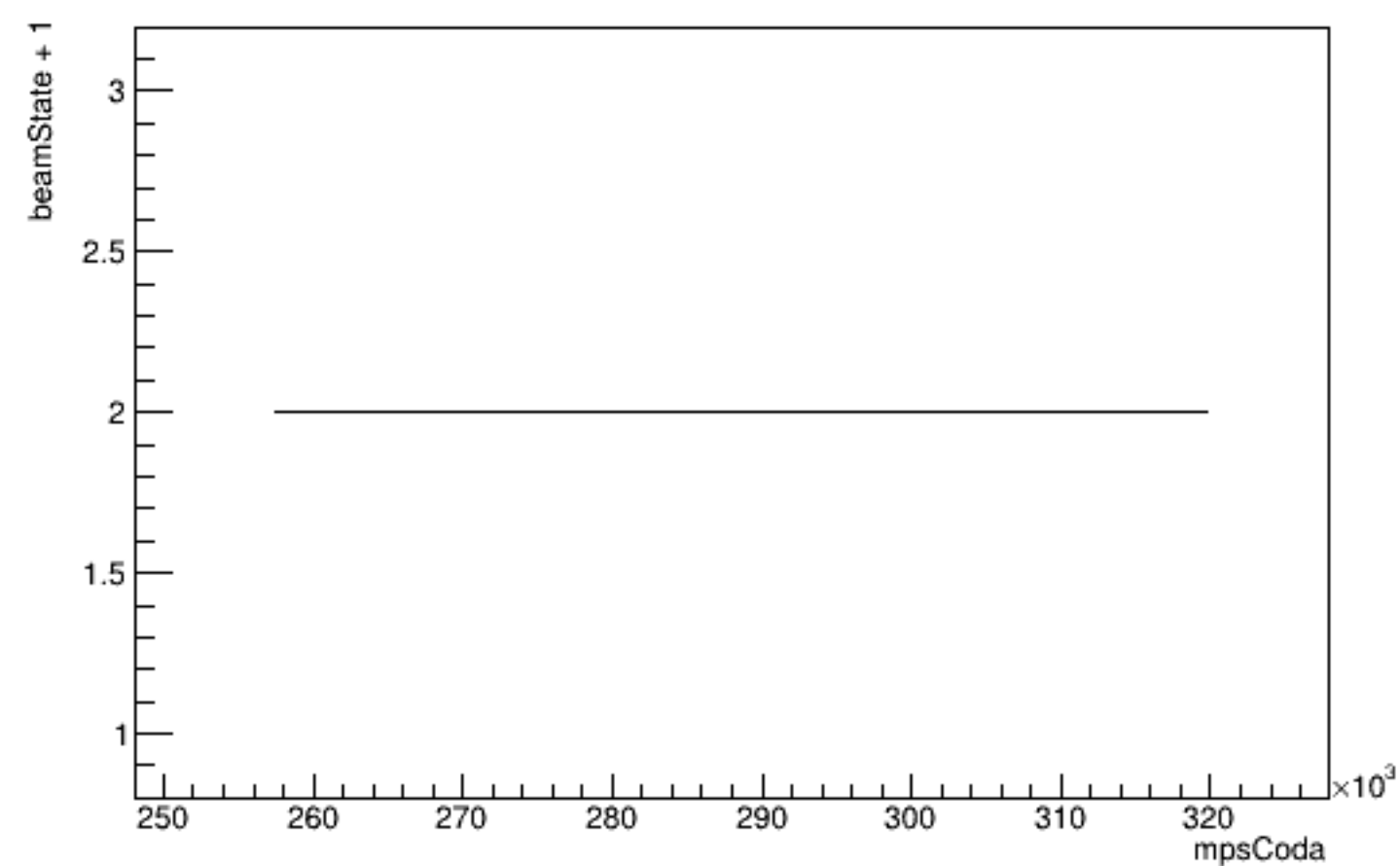
Acc0/NAcc0:mpsCoda {mpsCoda>=257447 && mpsCoda<=319790 && beamState==1}



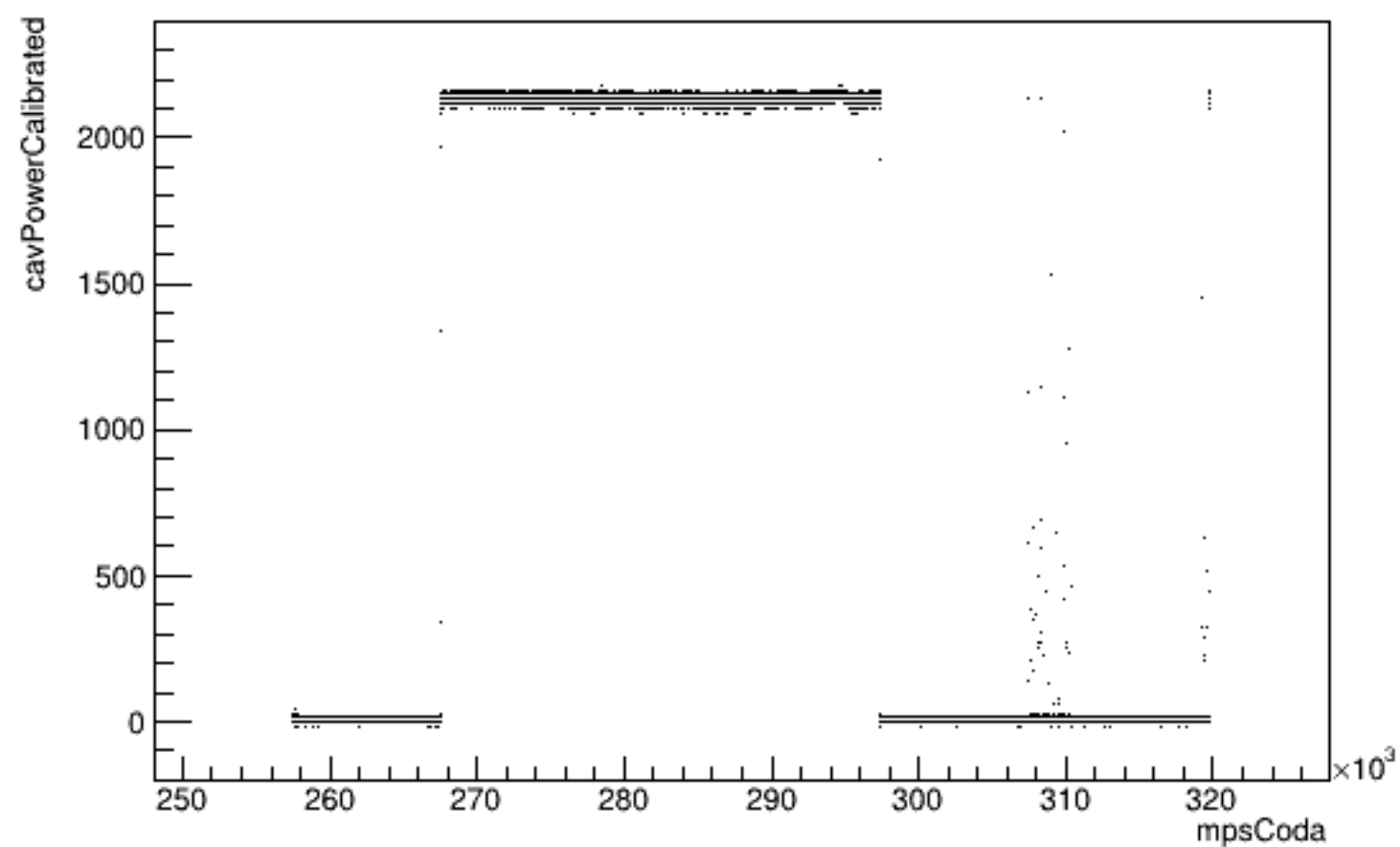
laserState:mpsCoda {mpsCoda>=257447 && mpsCoda<=319790}



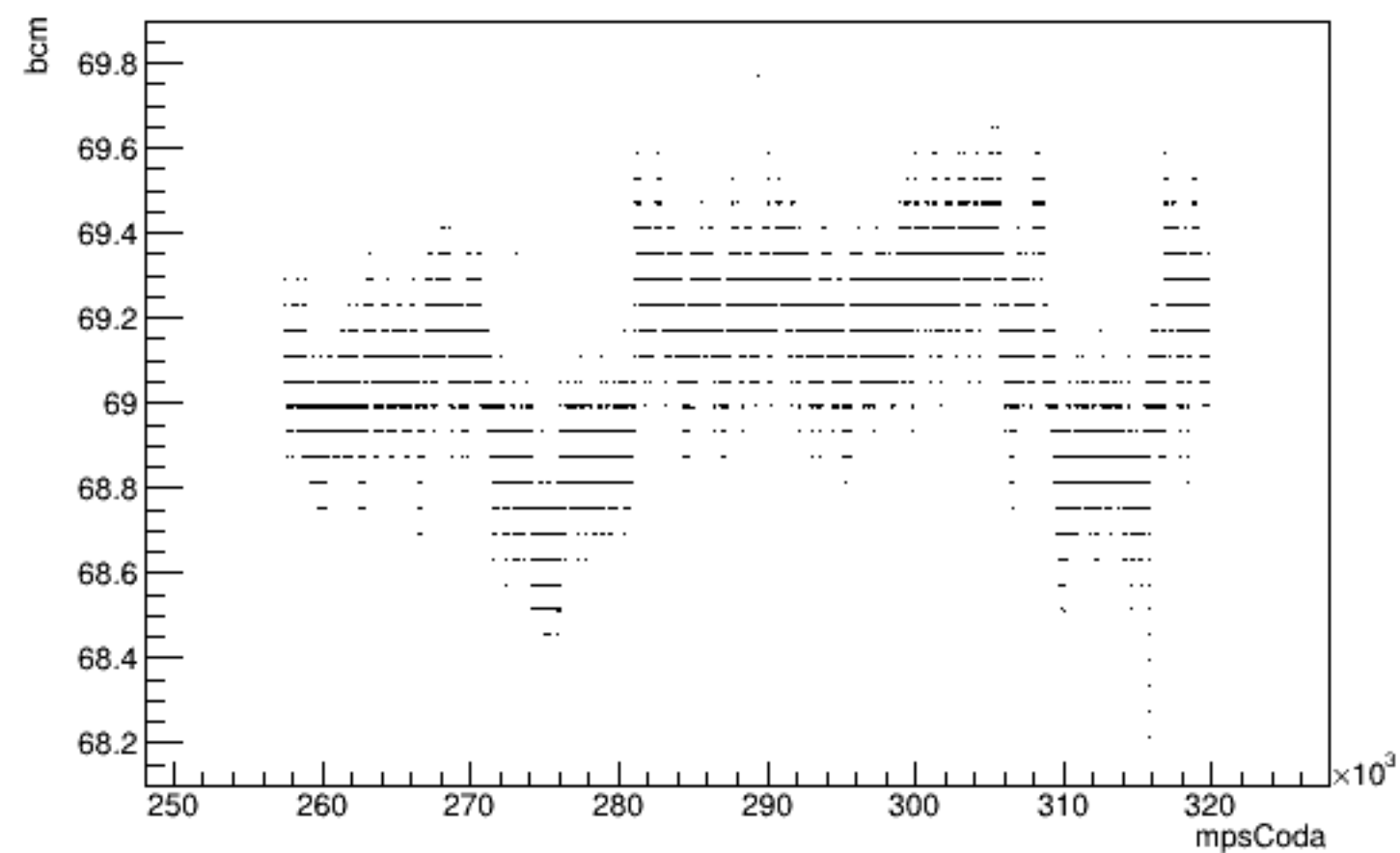
beamState + 1:mpsCoda {mpsCoda>=257447 && mpsCoda<=319790}



cavPowerCalibrated:mpsCoda {mpsCoda>=257447 && mpsCoda<=319790}



bcm:mpsCoda {mpsCoda>=257447 && mpsCoda<=319790}



Cycle 7, Diffs

Entries: 2753

Mean: -0.0055 +/- 0.0055

Std Dev: 0.2900 +/- 0.0039

Entries: 3774

Mean: -0.0703 +/- 0.0052

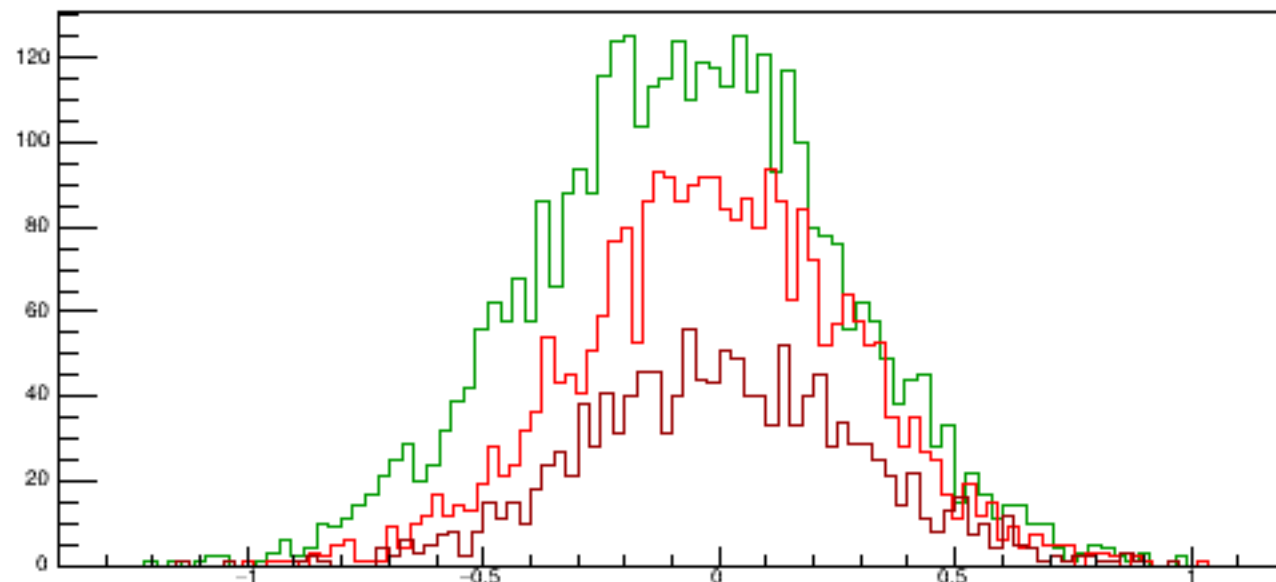
Std Dev: 0.3221 +/- 0.0037

Entries: 1366

Mean: 0.0071 +/- 0.0080

Std Dev: 0.2949 +/- 0.0056

Run 4402 quartetwise, Diffs



Cycle 7, Sums

Entries: 2753

Mean: 15.7258 +/- 0.0066

Std Dev: 0.3486 +/- 0.0047

Entries: 3774

Mean: 20.1232 +/- 0.0091

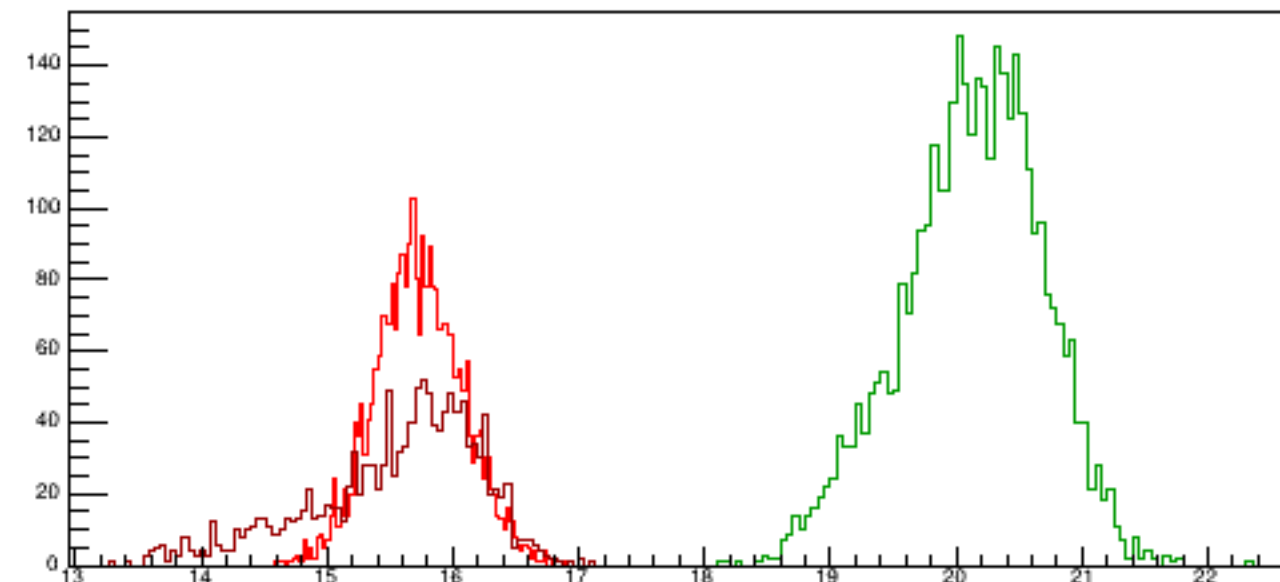
Std Dev: 0.5596 +/- 0.0064

Entries: 1366

Mean: 15.5349 +/- 0.0184

Std Dev: 0.6783 +/- 0.0130

Run 4402 quartetwise, Sums



Cycle 7, Asyms

Entries: 2753

Mean: -0.0012 +/- 0.0012

Std Dev: 0.0646 +/- 0.0009

Entries: 3774

Mean: -0.0156 +/- 0.0012

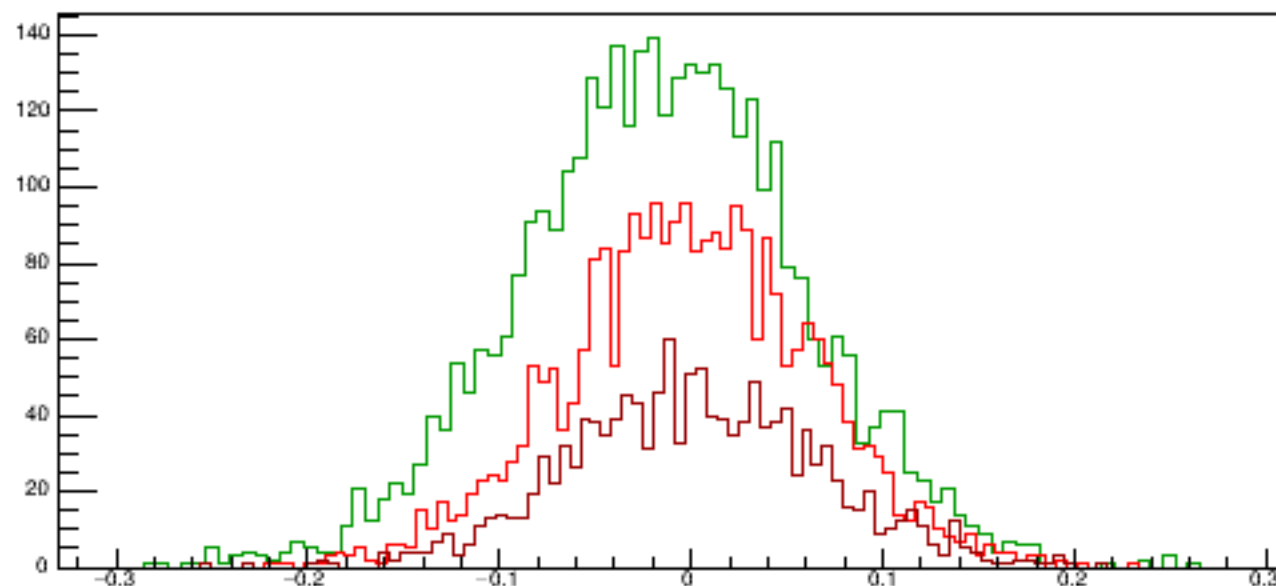
Std Dev: 0.0736 +/- 0.0008

Entries: 1366

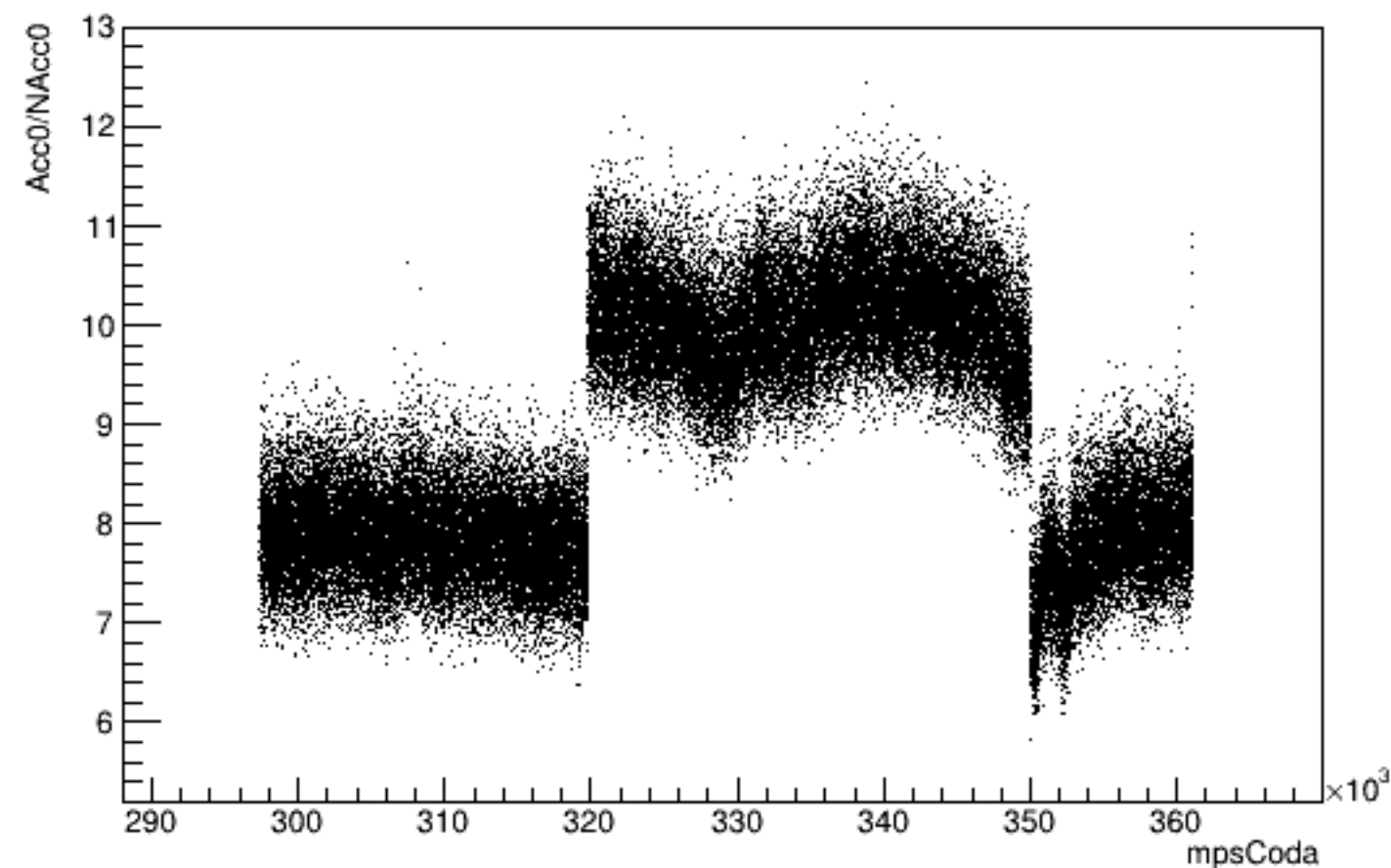
Mean: 0.0016 +/- 0.0018

Std Dev: 0.0656 +/- 0.0013

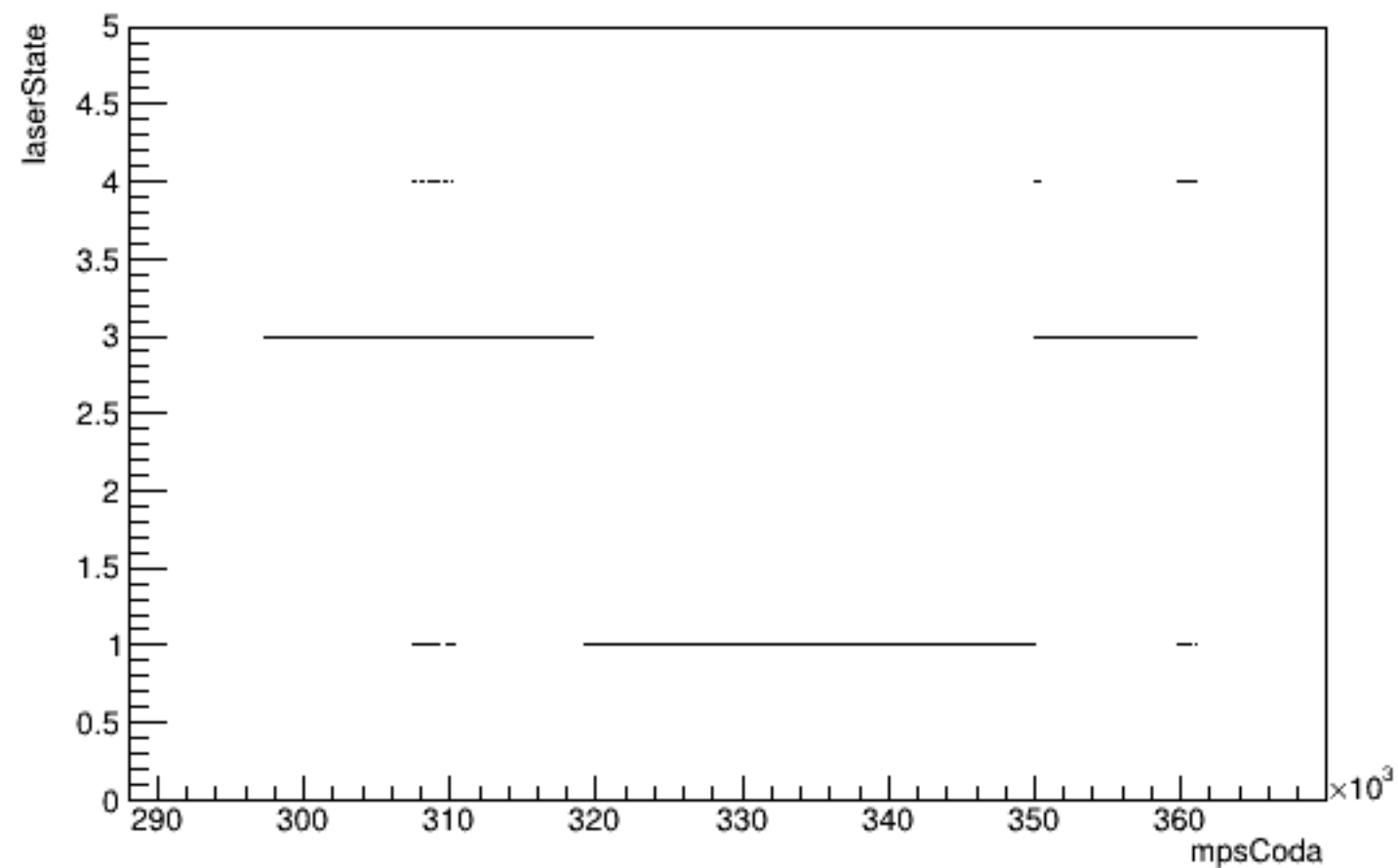
Run 4402 quartetwise, Asyms



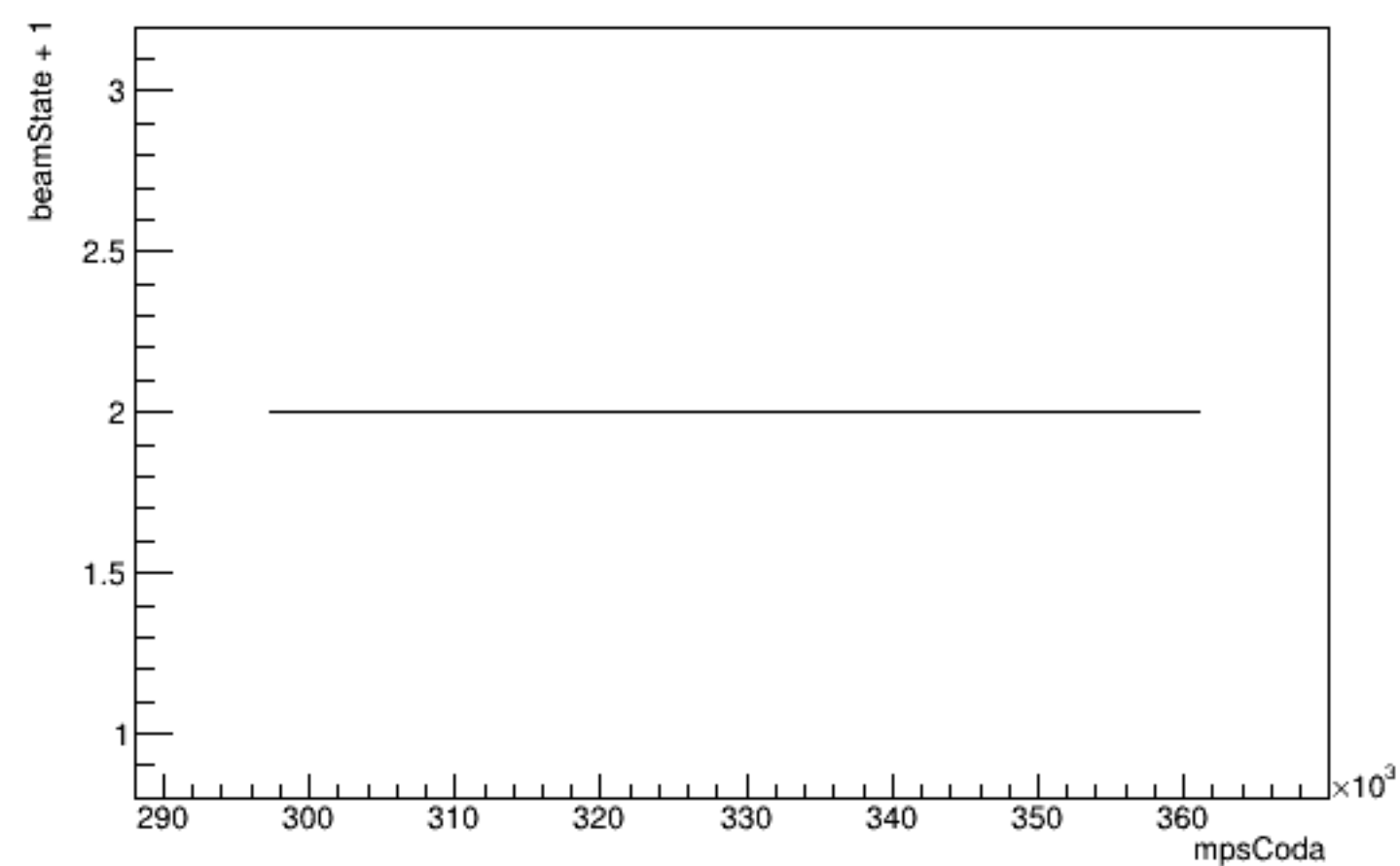
Acc0/NAcc0:mpsCoda {mpsCoda>=297383 && mpsCoda<=361126 && beamState==1}



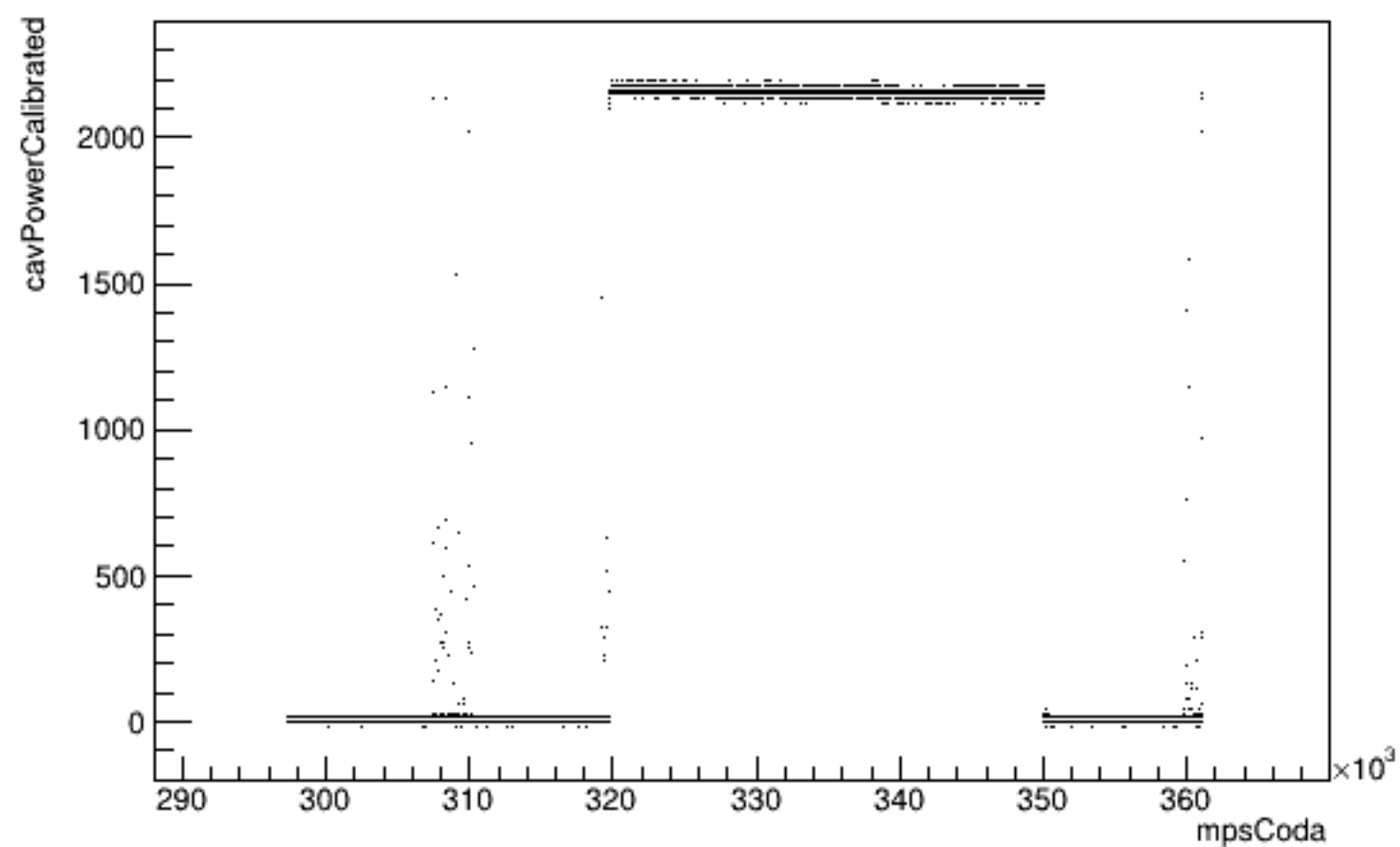
laserState:mpsCoda {mpsCoda>=297383 && mpsCoda<=361126}



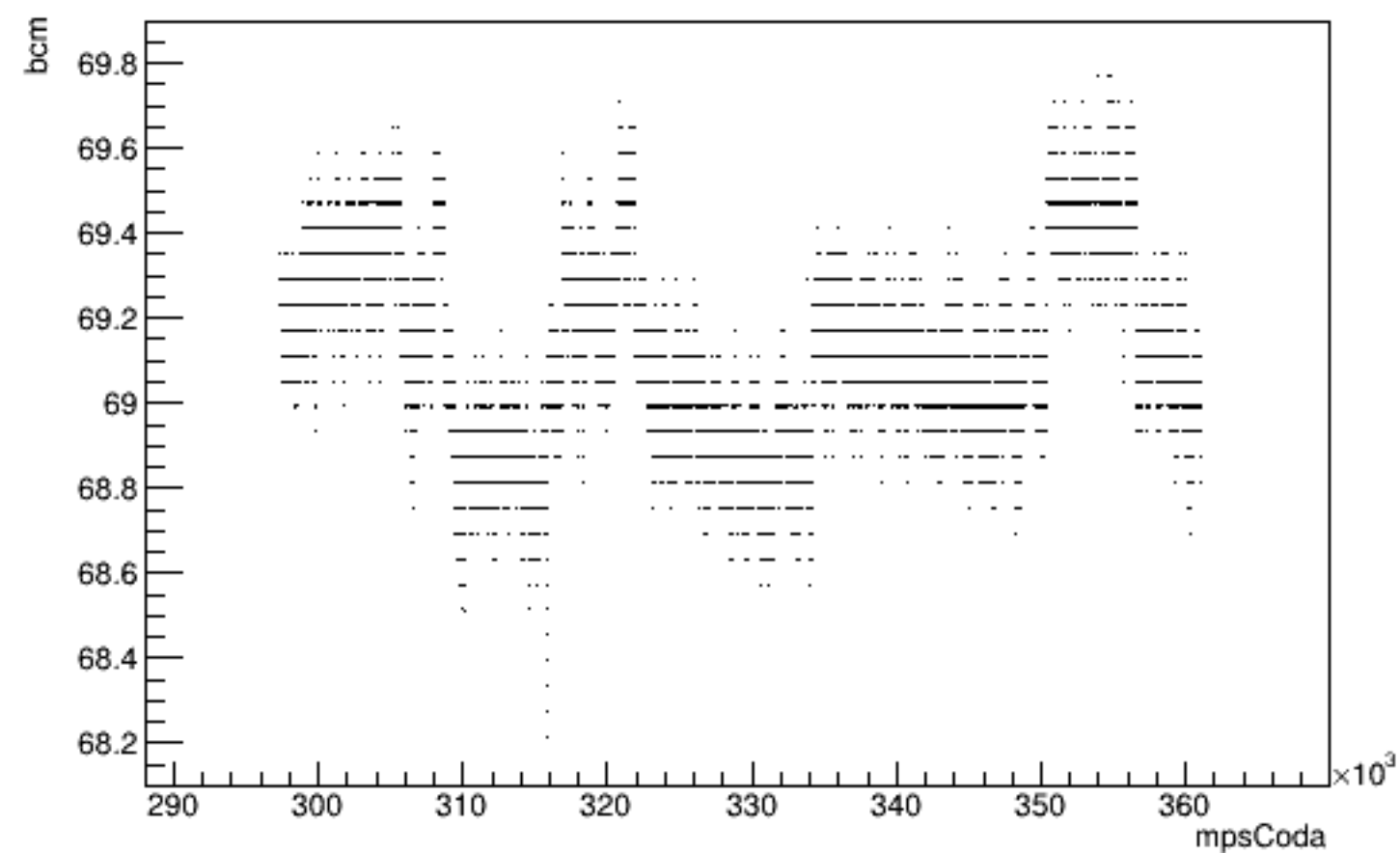
beamState + 1:mpsCoda {mpsCoda>=297383 && mpsCoda<=361126}



cavPowerCalibrated:mpsCoda {mpsCoda>=297383 && mpsCoda<=361126}



bcm:mpsCoda {mpsCoda>=297383 && mpsCoda<=361126}



Cycle 8, Diffs

Entries: 1366

Mean: 0.0071 +/- 0.0080

Std Dev: 0.2949 +/- 0.0056

Entries: 2999

Mean: -0.0818 +/- 0.0059

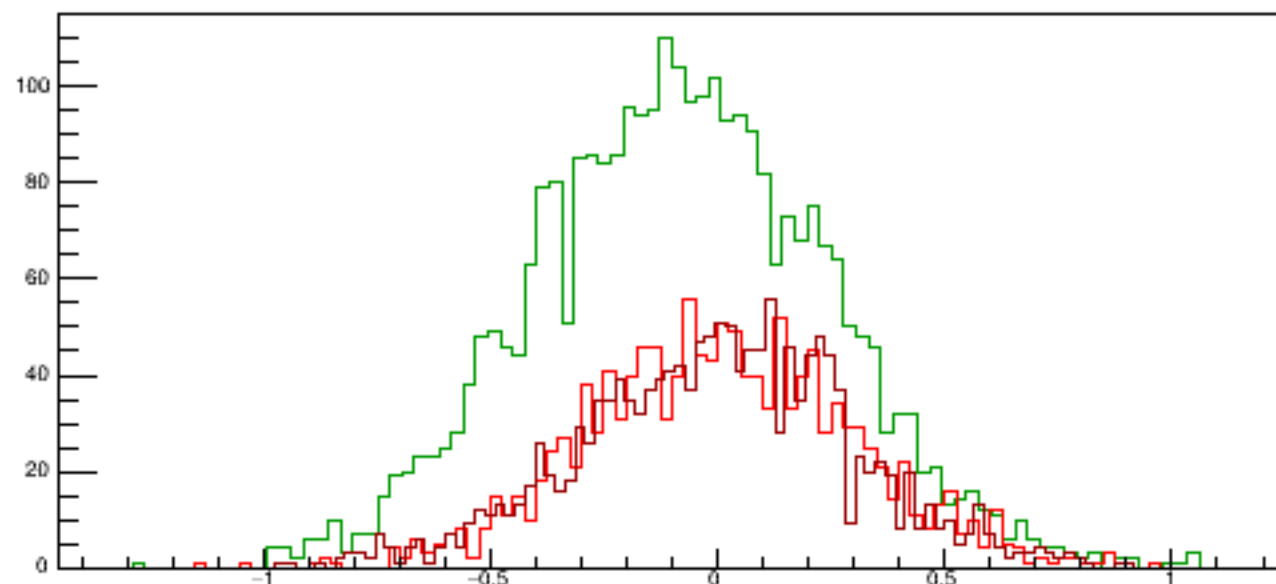
Std Dev: 0.3238 +/- 0.0042

Entries: 1529

Mean: -0.0038 +/- 0.0076

Std Dev: 0.2967 +/- 0.0054

Run 4402 quartetwise, Diffs



Cycle 8, Sums

Entries: 1366

Mean: 15.5349 +/- 0.0184

Std Dev: 0.6783 +/- 0.0130

Entries: 2999

Mean: 20.4991 +/- 0.0154

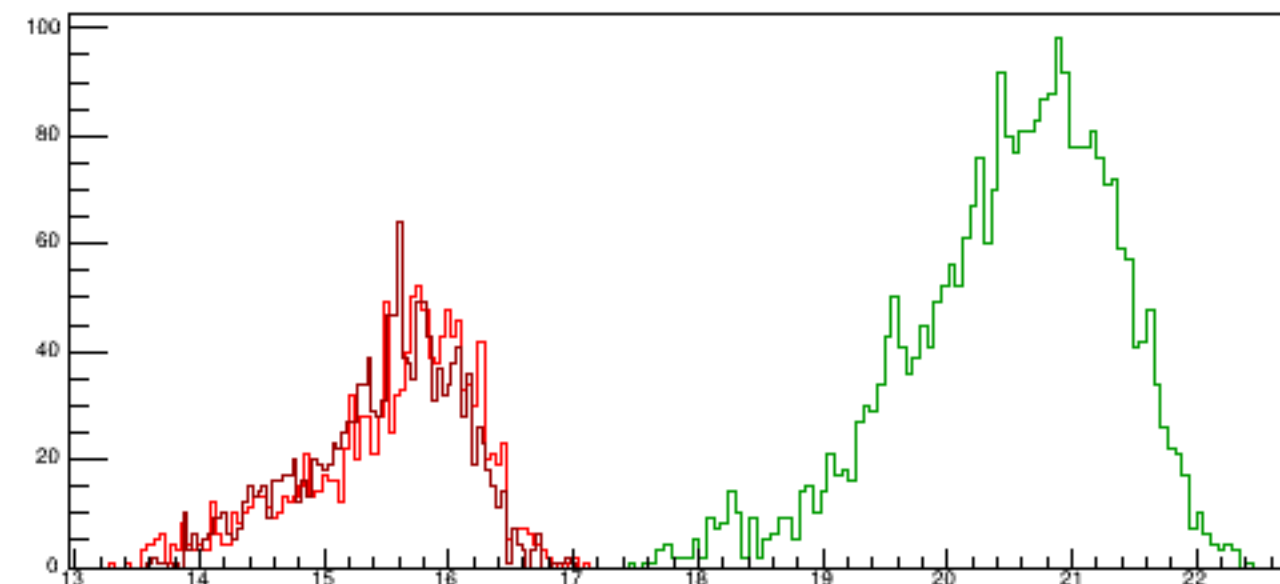
Std Dev: 0.8411 +/- 0.0109

Entries: 1529

Mean: 15.4659 +/- 0.0159

Std Dev: 0.6213 +/- 0.0112

Run 4402 quartetwise, Sums



Cycle 8, Asyms

Entries: 1366

Mean: 0.0014 +/- 0.0016

Std Dev: 0.0590 +/- 0.0011

Entries: 2999

Mean: -0.0166 +/- 0.0013

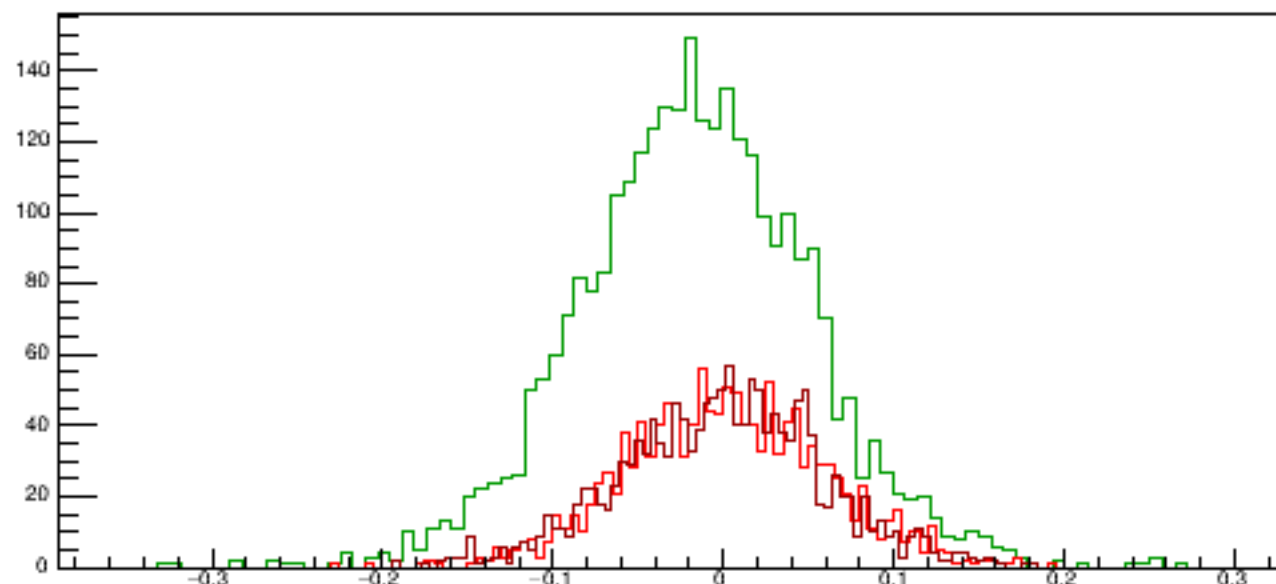
Std Dev: 0.0685 +/- 0.0009

Entries: 1529

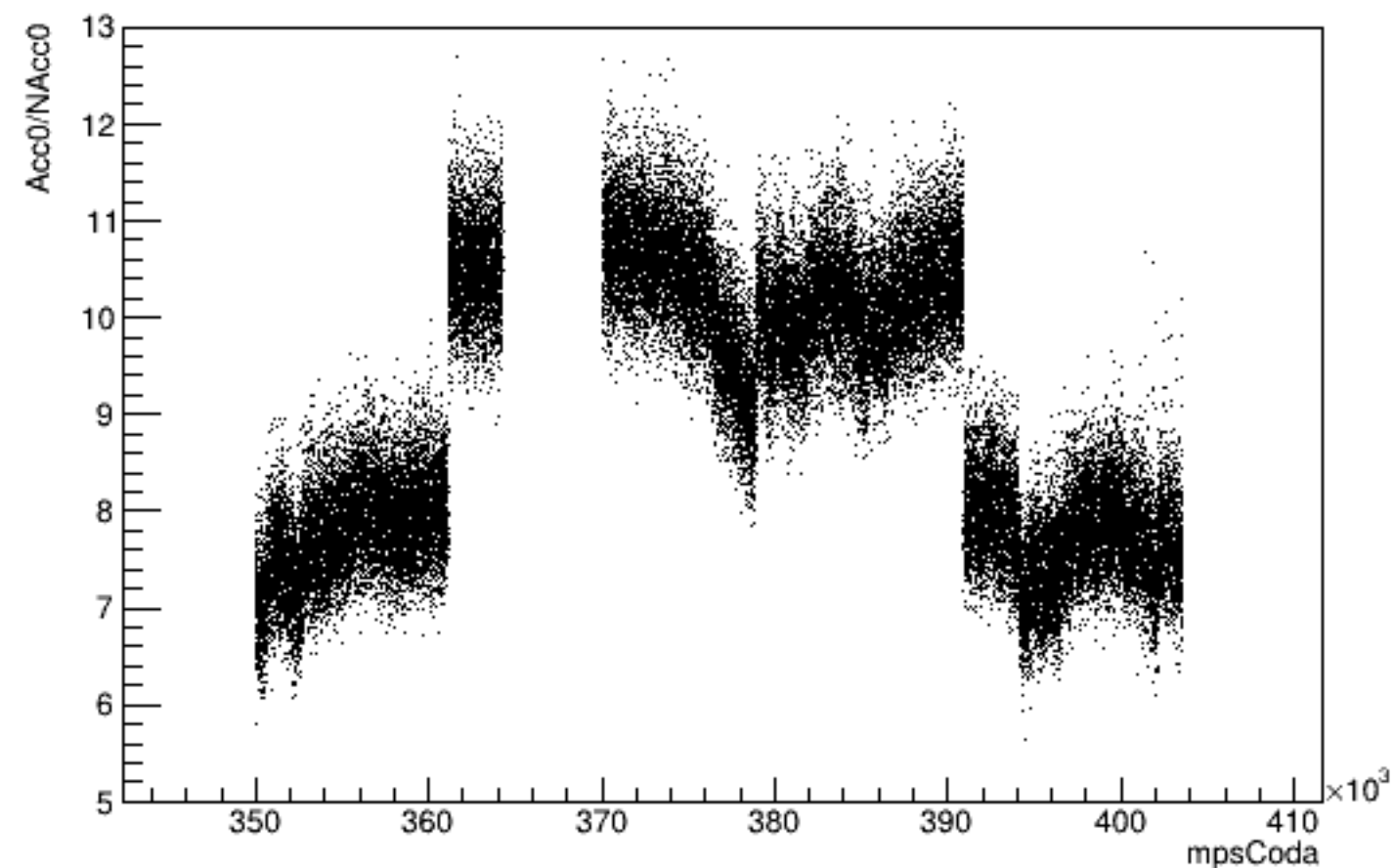
Mean: -0.0008 +/- 0.0015

Std Dev: 0.0594 +/- 0.0011

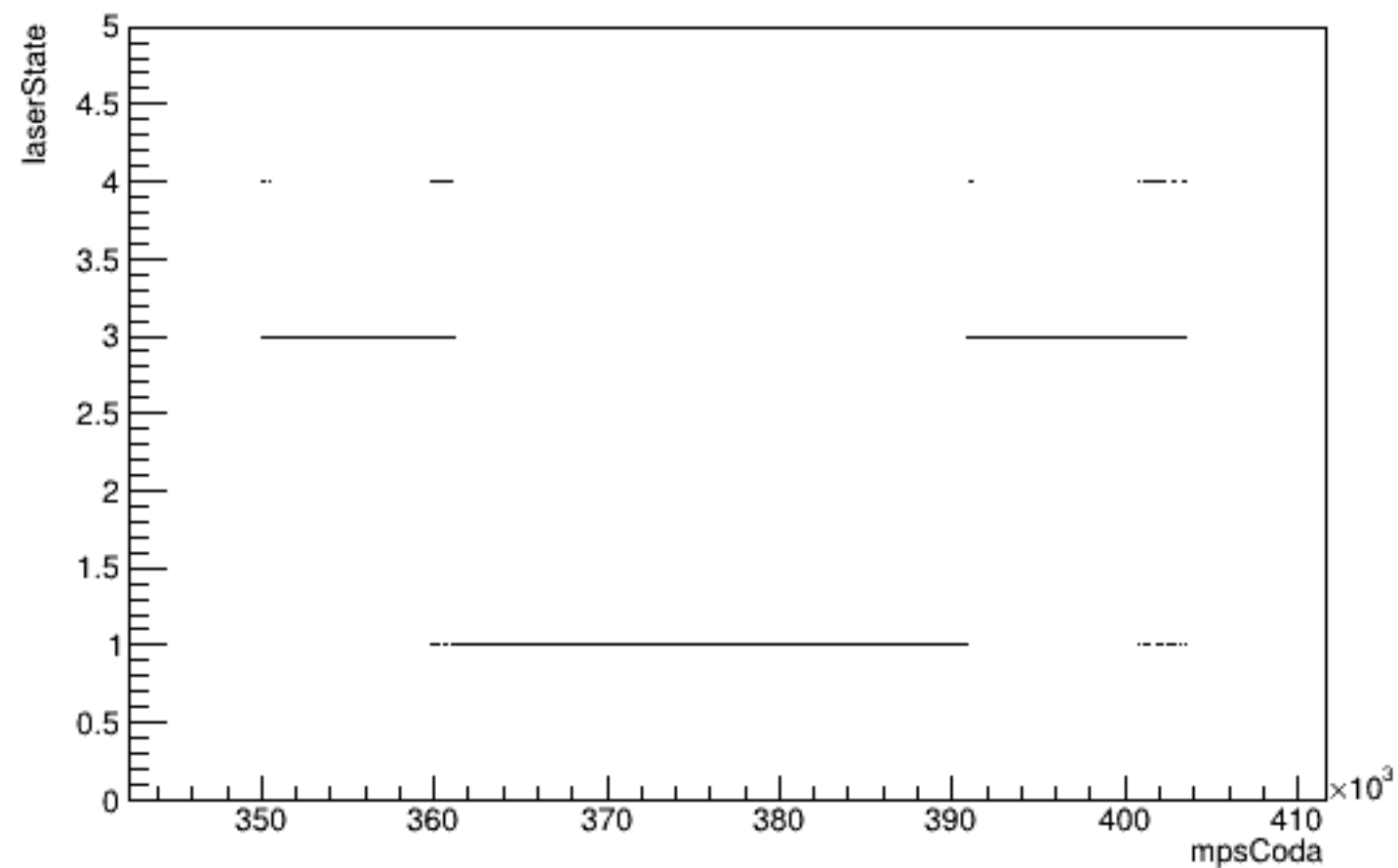
Run 4402 quartetwise, Asyms



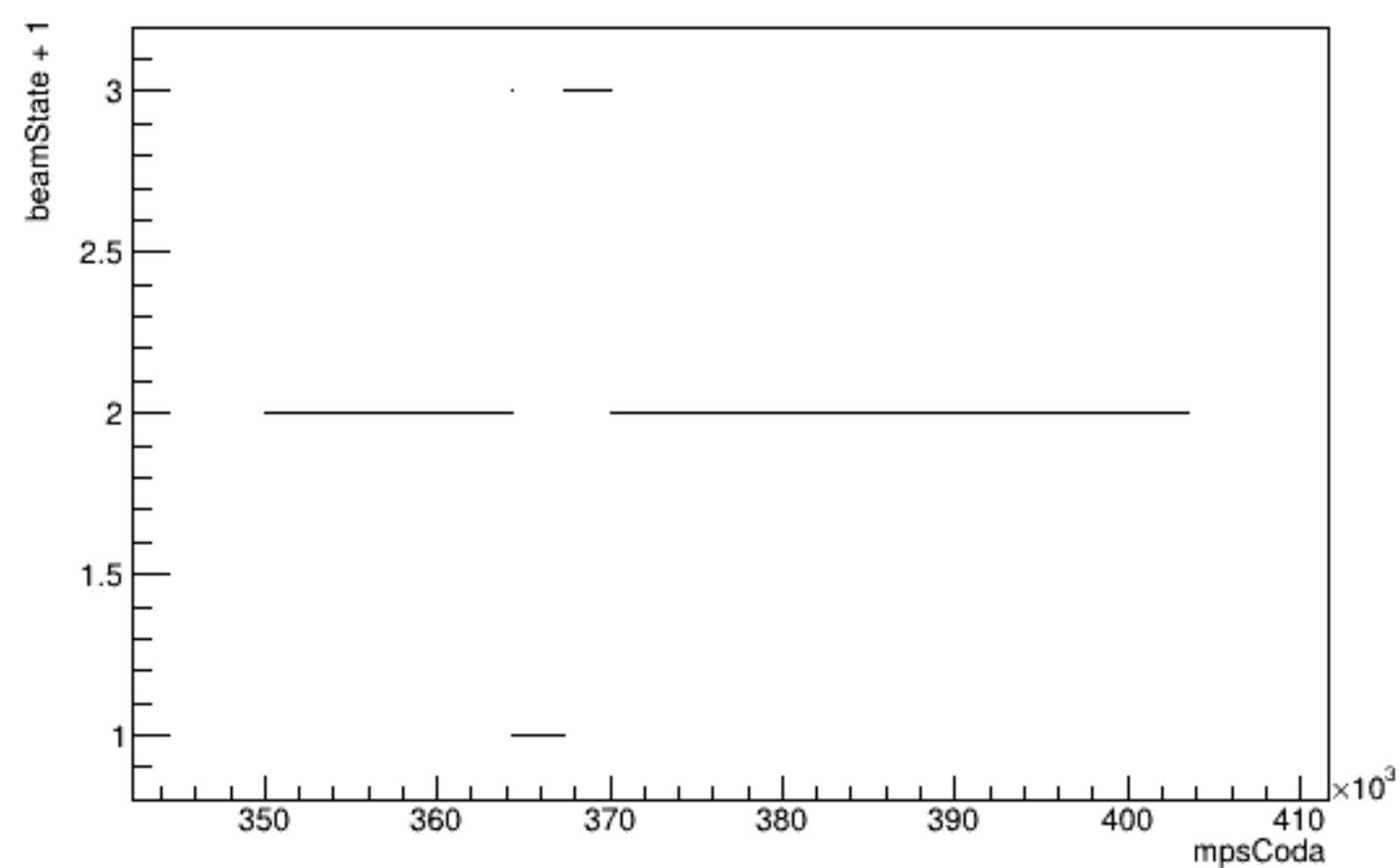
Acc0/NAcc0:mpsCoda {mpsCoda>=349991 && mpsCoda<=403566 && beamState==1}



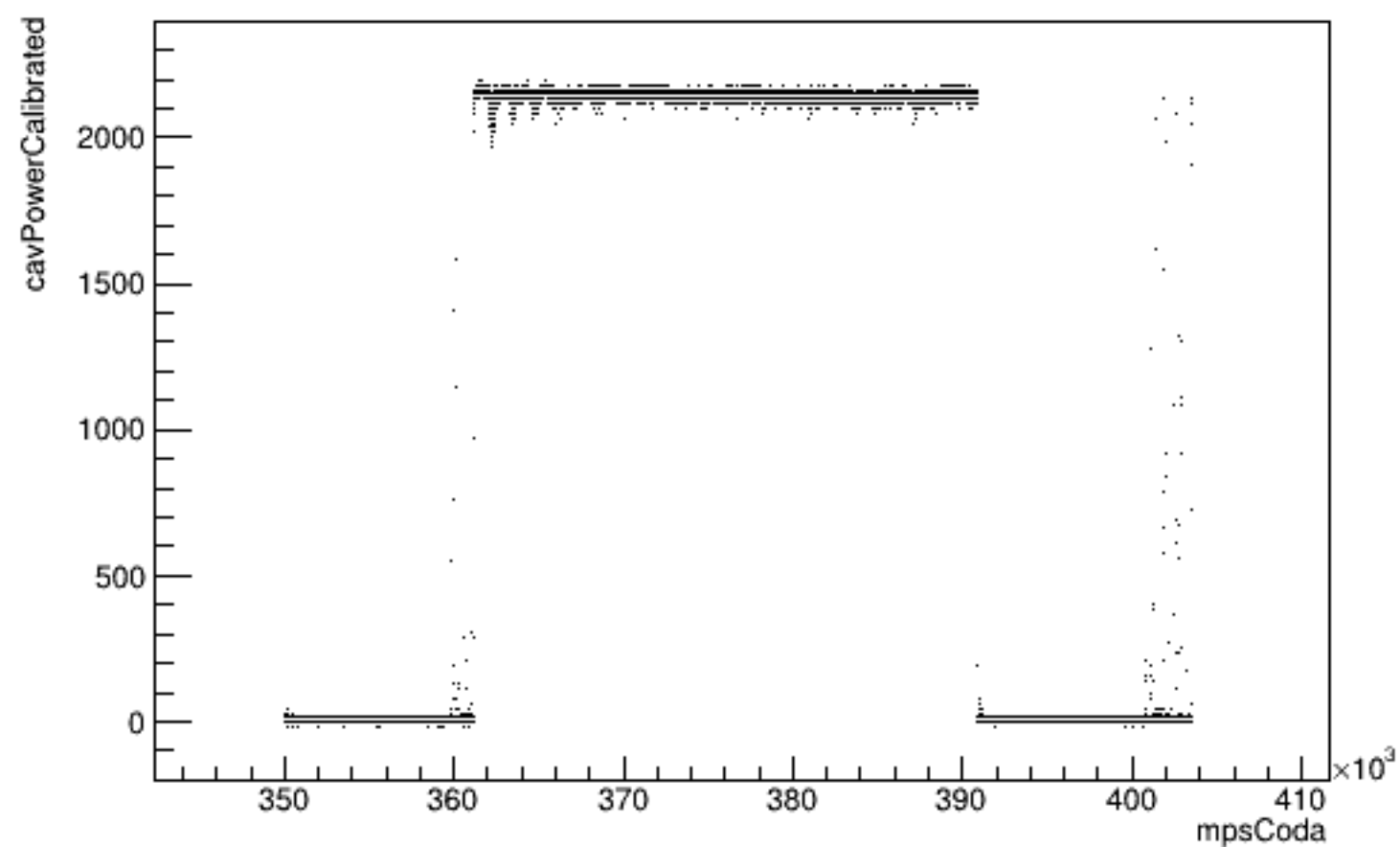
laserState:mpsCoda {mpsCoda>=349991 && mpsCoda<=403566}



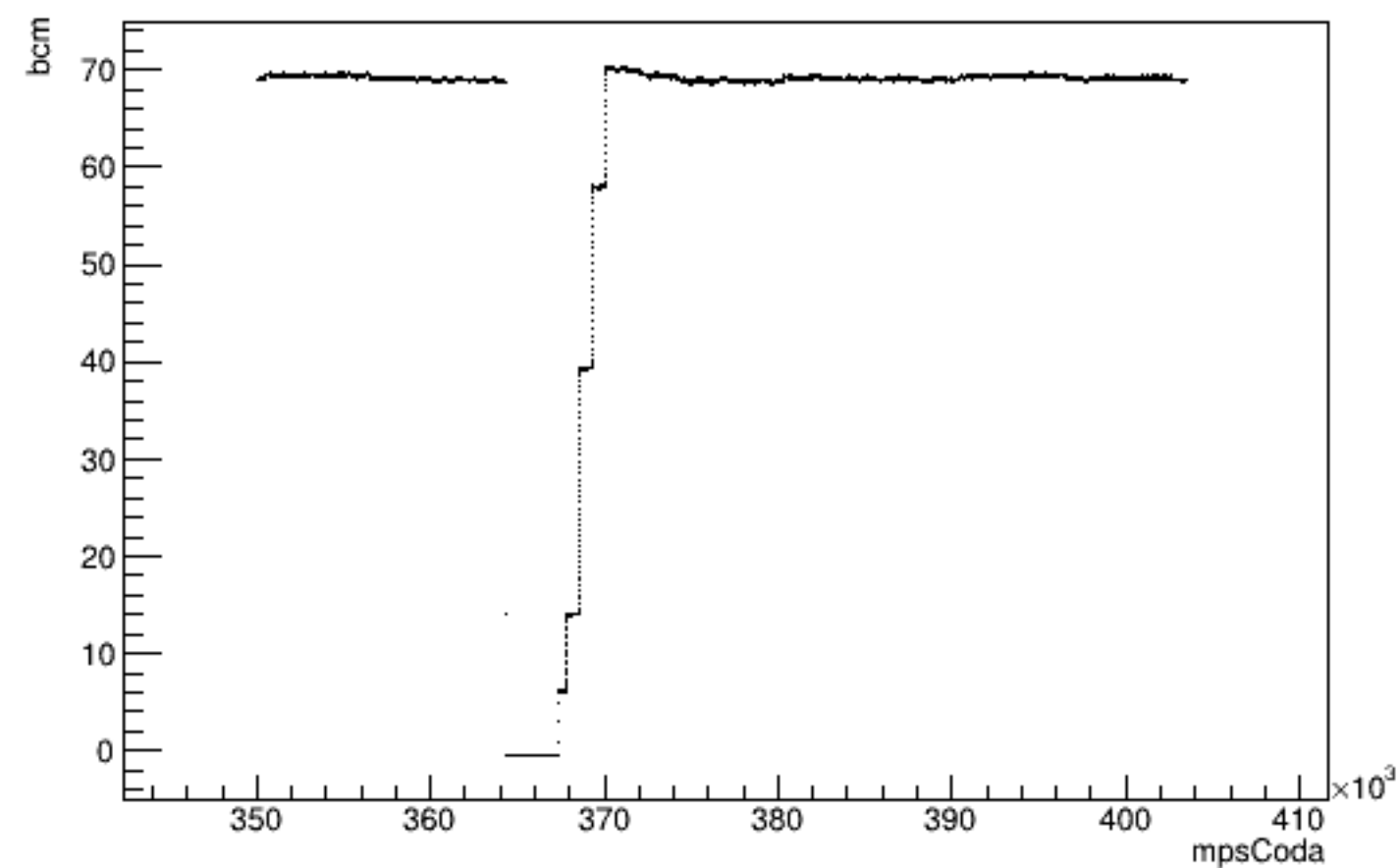
beamState + 1:mpsCoda {mpsCoda>=349991 && mpsCoda<=403566}



cavPowerCalibrated:mpsCoda {mpsCoda>=349991 && mpsCoda<=403566}



bcm:mpsCoda {mpsCoda>=349991 && mpsCoda<=403566}



Cycle 9, Diffs

Entries: 1529

Mean: -0.0038 +/- 0.0076

Std Dev: 0.2967 +/- 0.0054

Entries: 3785

Mean: -0.0675 +/- 0.0052

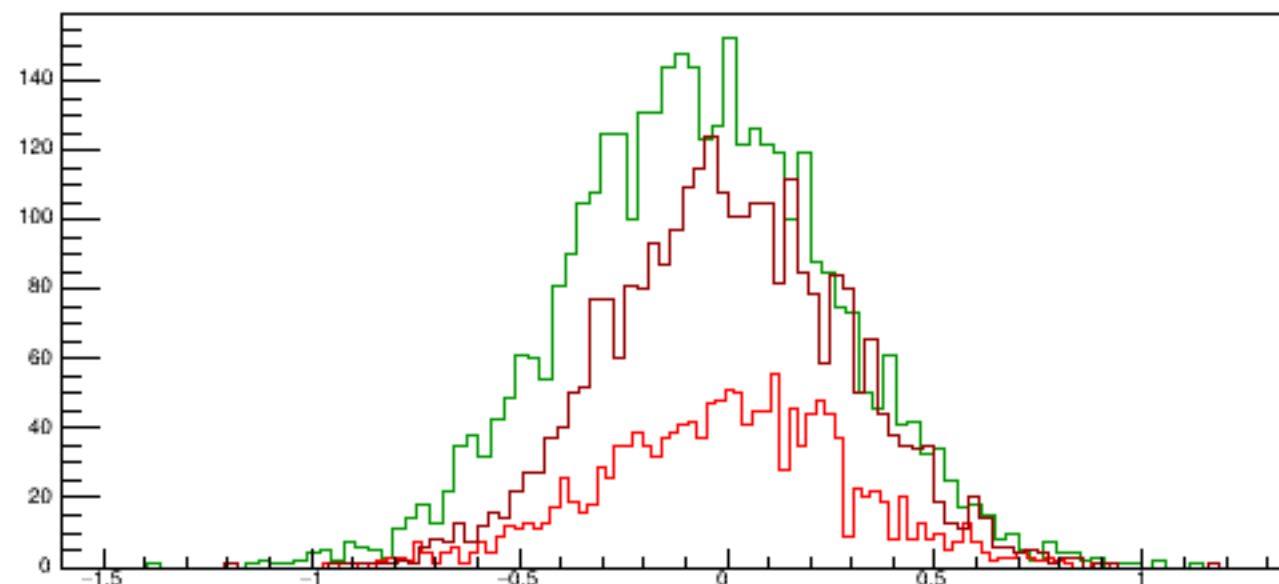
Std Dev: 0.3220 +/- 0.0037

Entries: 2863

Mean: 0.0016 +/- 0.0054

Std Dev: 0.2867 +/- 0.0038

Run 4402 quartetwise, Diffs



Cycle 9, Sums

Entries: 1529

Mean: 15.4659 +/- 0.0159

Std Dev: 0.6213 +/- 0.0112

Entries: 3785

Mean: 20.2320 +/- 0.0144

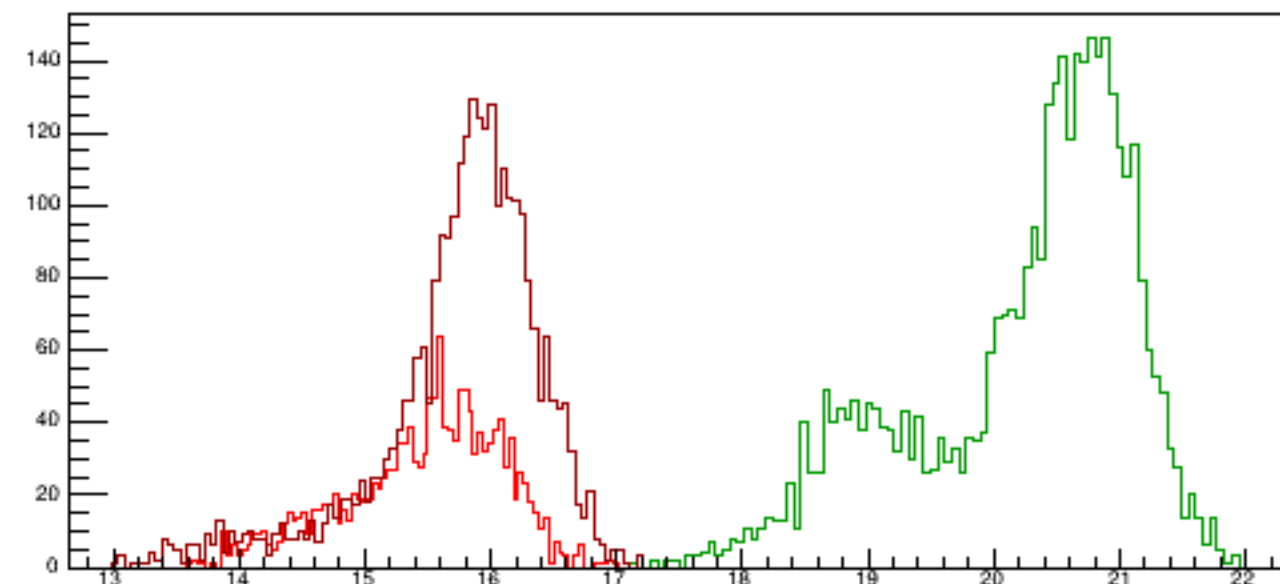
Std Dev: 0.8863 +/- 0.0102

Entries: 2863

Mean: 15.7489 +/- 0.0124

Std Dev: 0.6608 +/- 0.0087

Run 4402 quartetwise, Sums



Cycle 9, Asyms

Entries: 1529

Mean: -0.0008 +/- 0.0016

Std Dev: 0.0642 +/- 0.0012

Entries: 3785

Mean: -0.0149 +/- 0.0012

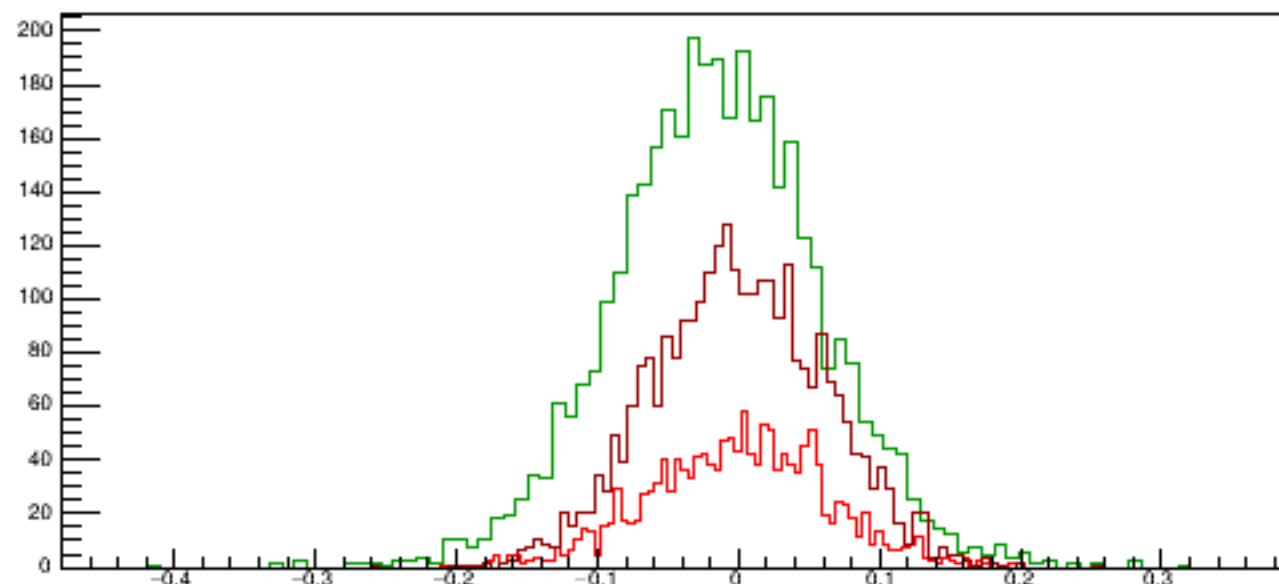
Std Dev: 0.0742 +/- 0.0009

Entries: 2863

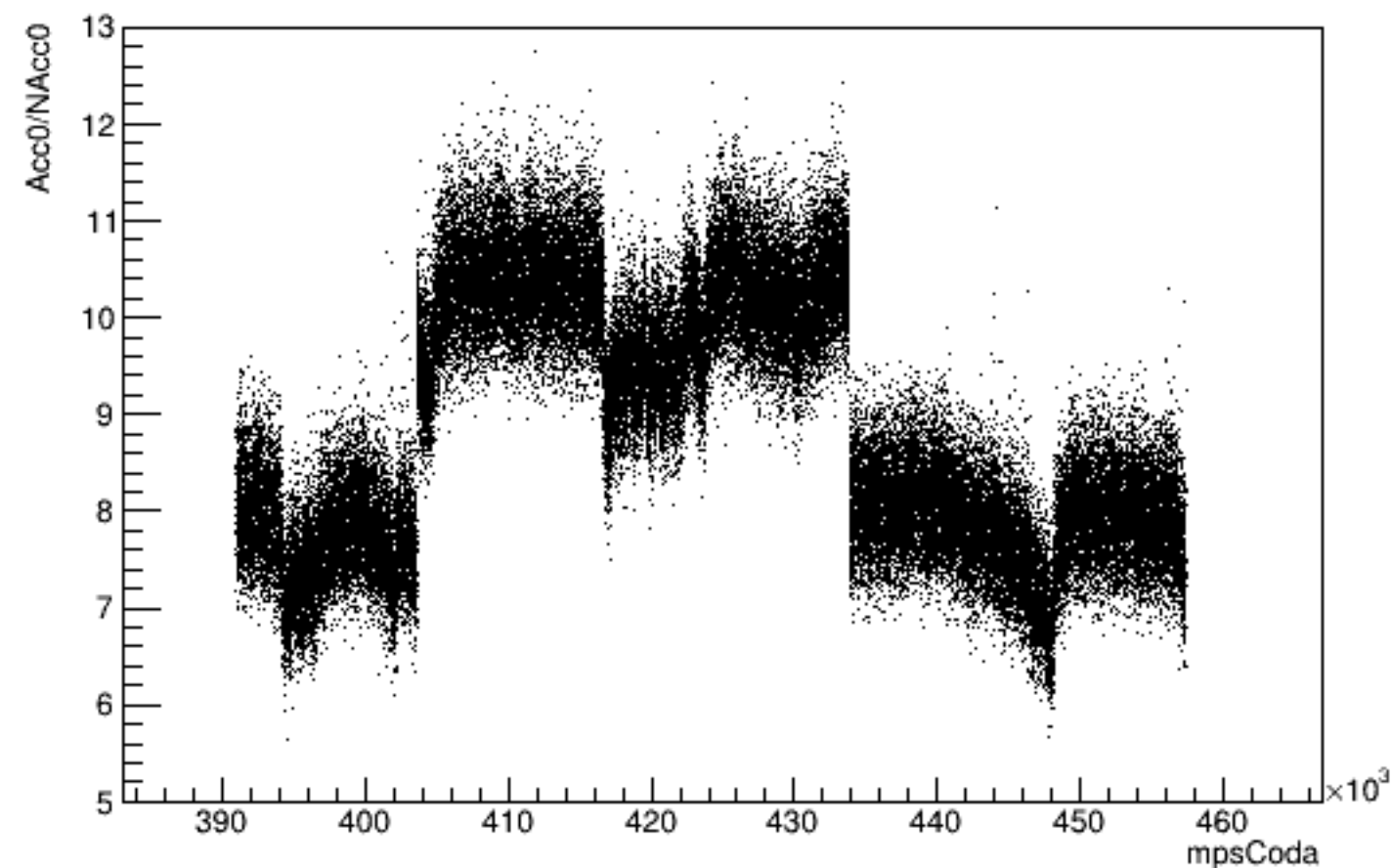
Mean: 0.0003 +/- 0.0012

Std Dev: 0.0620 +/- 0.0008

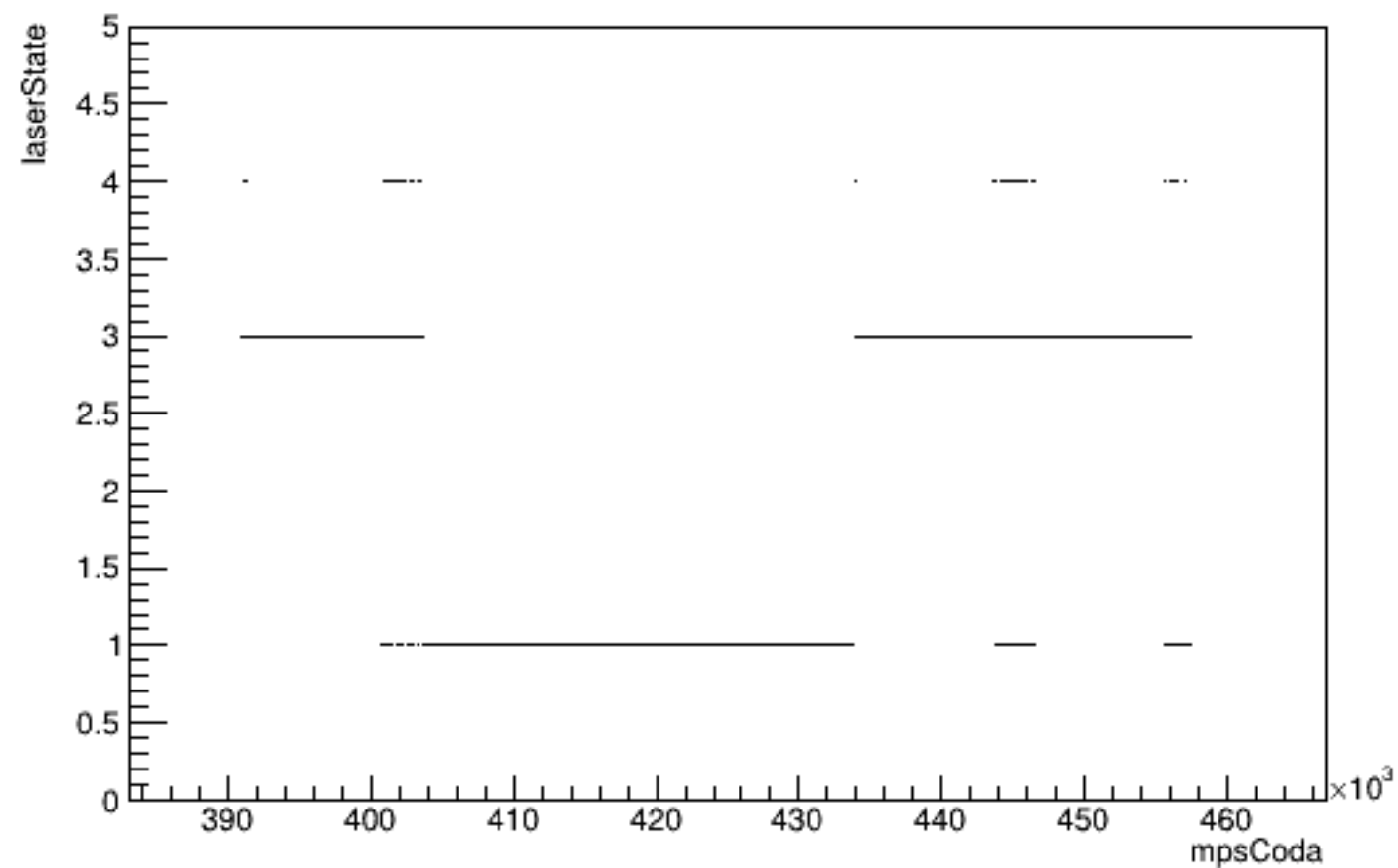
Run 4402 quartetwise, Asyms



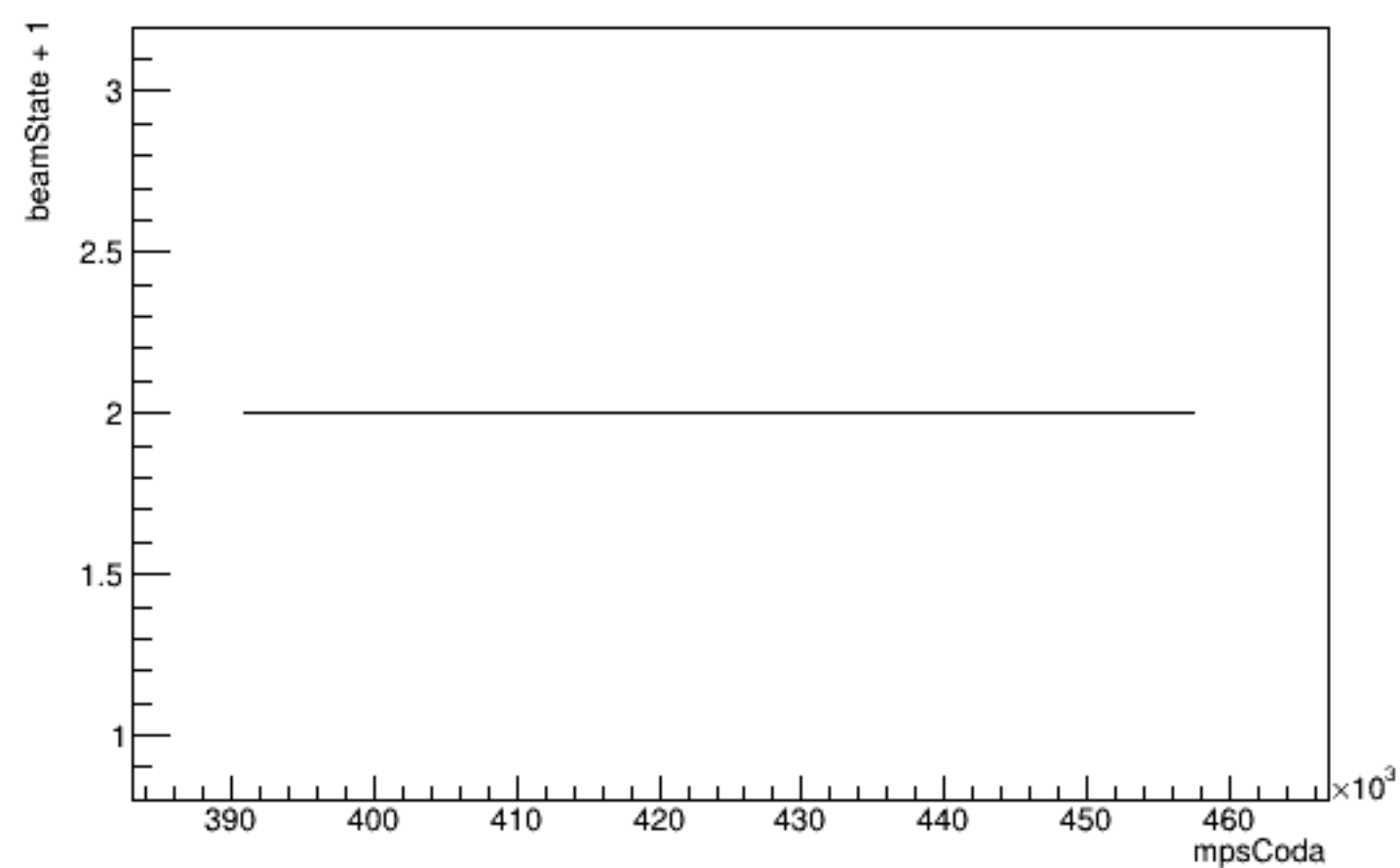
Acc0/NAcc0:mpsCoda {mpsCoda>=390927 && mpsCoda<=457422 && beamState==1}



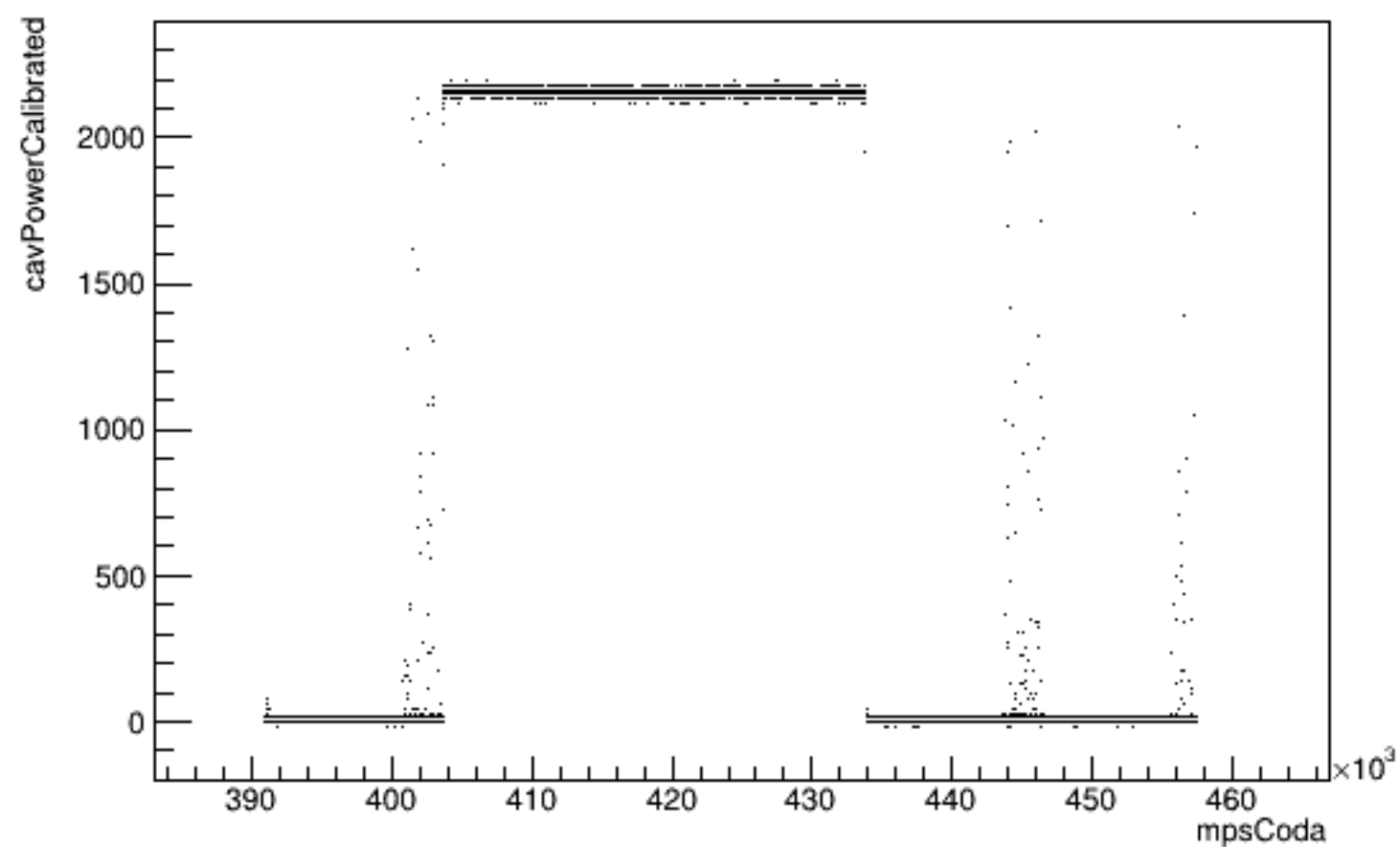
laserState:mpsCoda {mpsCoda>=390927 && mpsCoda<=457422}



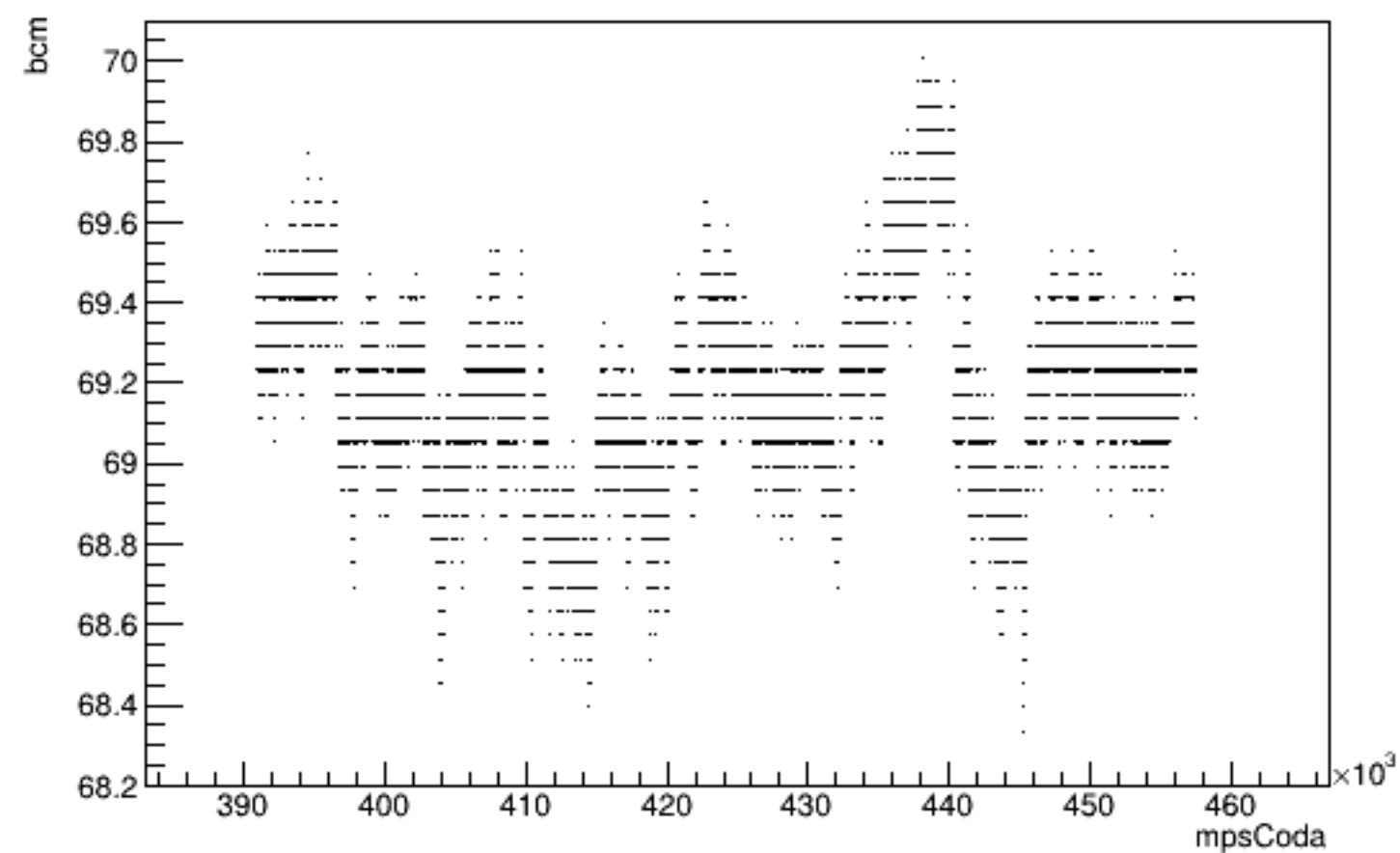
beamState + 1:mpsCoda {mpsCoda>=390927 && mpsCoda<=457422}



cavPowerCalibrated:mpsCoda {mpsCoda>=390927 && mpsCoda<=457422}



bcm:mpsCoda {mpsCoda>=390927 && mpsCoda<=457422}



Cycle 10, Diffs

Entries: 2863

Mean: 0.0016 +/- 0.0054

Std Dev: 0.2867 +/- 0.0038

Entries: 2928

Mean: -0.0780 +/- 0.0060

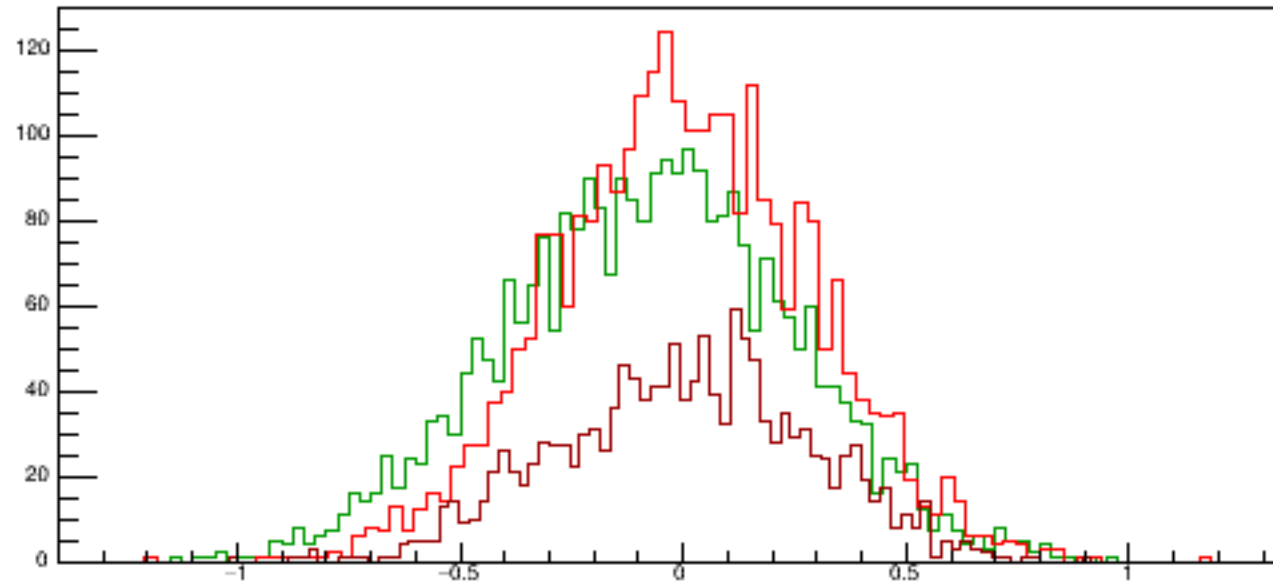
Std Dev: 0.3224 +/- 0.0042

Entries: 1437

Mean: 0.0024 +/- 0.0075

Std Dev: 0.2831 +/- 0.0053

Run 4402 quartetwise, Diffs



Cycle 10, Sums

Entries: 2863

Mean: 15.7489 +/- 0.0124

Std Dev: 0.6608 +/- 0.0087

Entries: 2928

Mean: 20.1175 +/- 0.0128

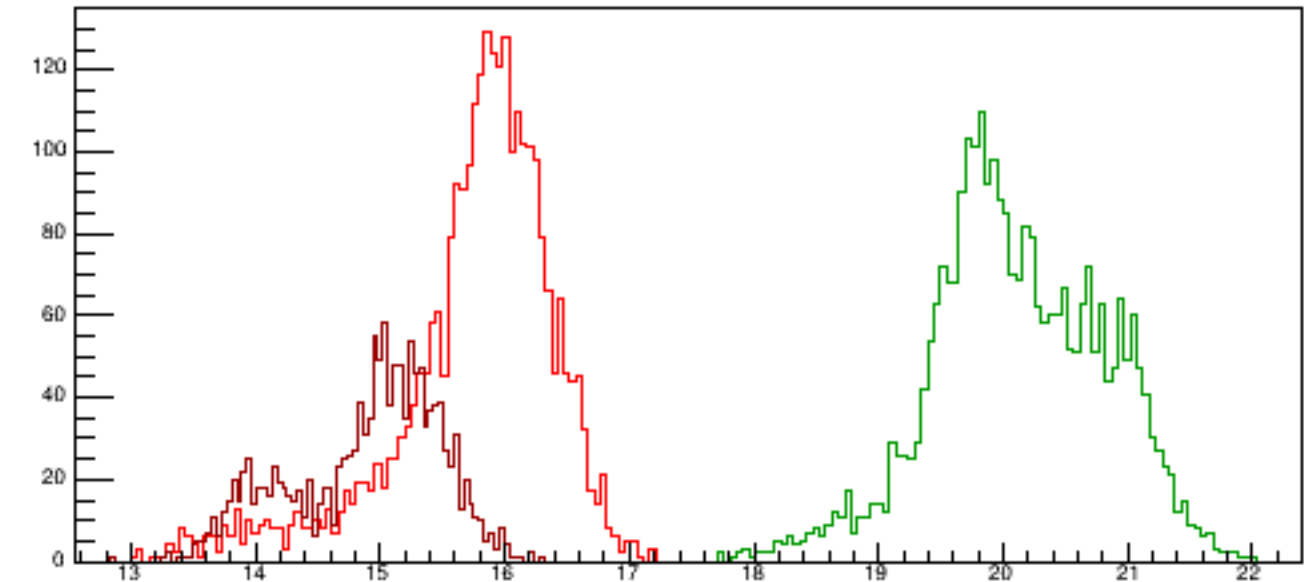
Std Dev: 0.6935 +/- 0.0091

Entries: 1437

Mean: 14.8865 +/- 0.0157

Std Dev: 0.5934 +/- 0.0111

Run 4402 quartetwise, Sums



Cycle 10, Asyms

Entries: 2863

Mean: 0.0003 +/- 0.0011

Std Dev: 0.0597 +/- 0.0008

Entries: 2928

Mean: -0.0166 +/- 0.0013

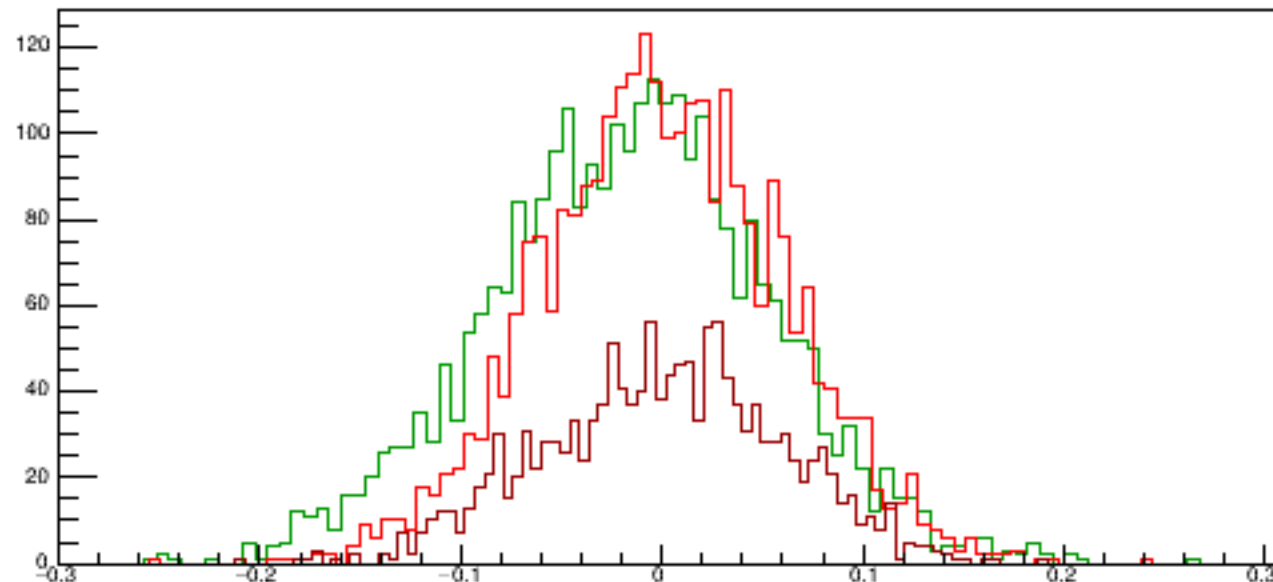
Std Dev: 0.0693 +/- 0.0009

Entries: 1437

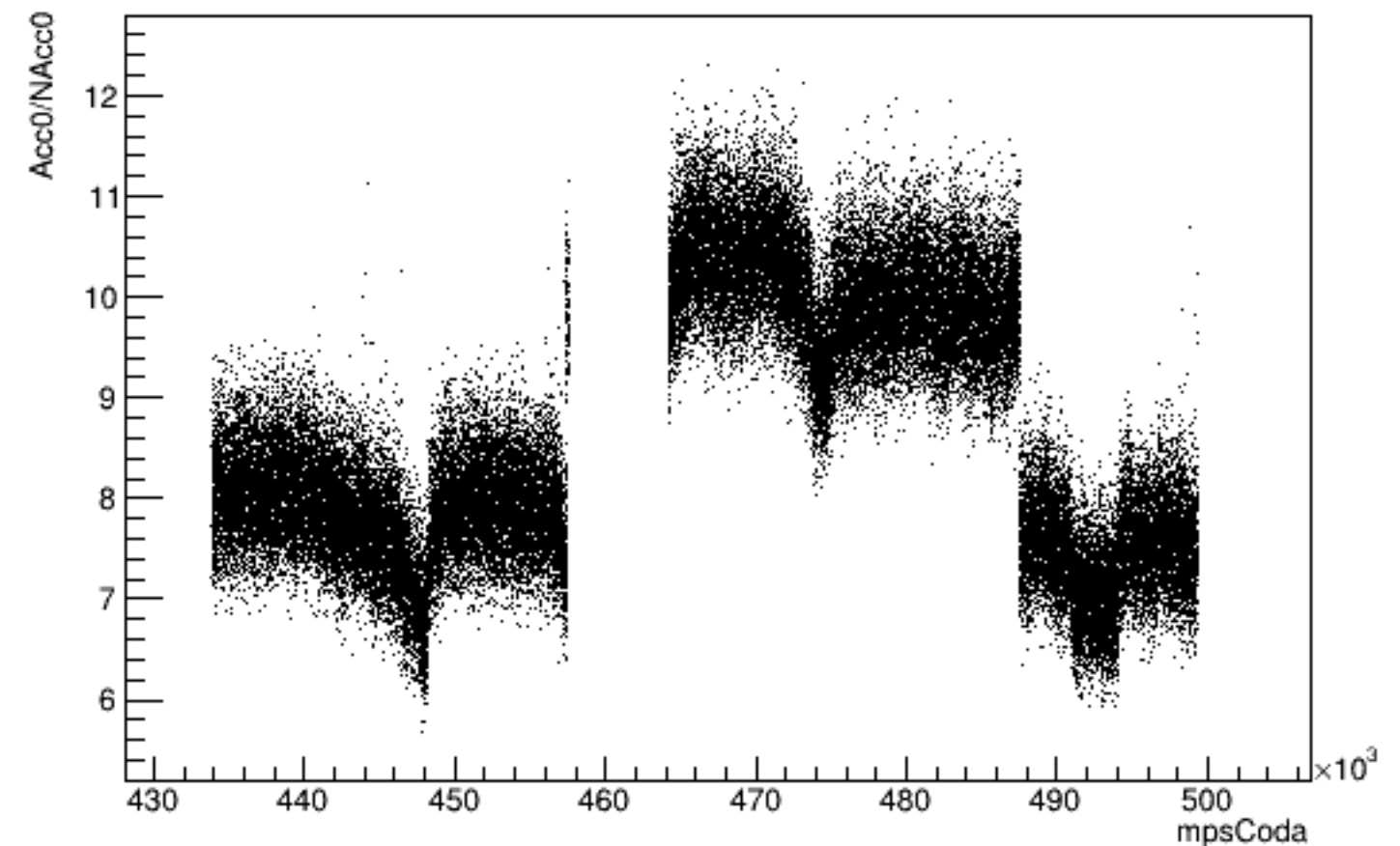
Mean: 0.0005 +/- 0.0016

Std Dev: 0.0590 +/- 0.0011

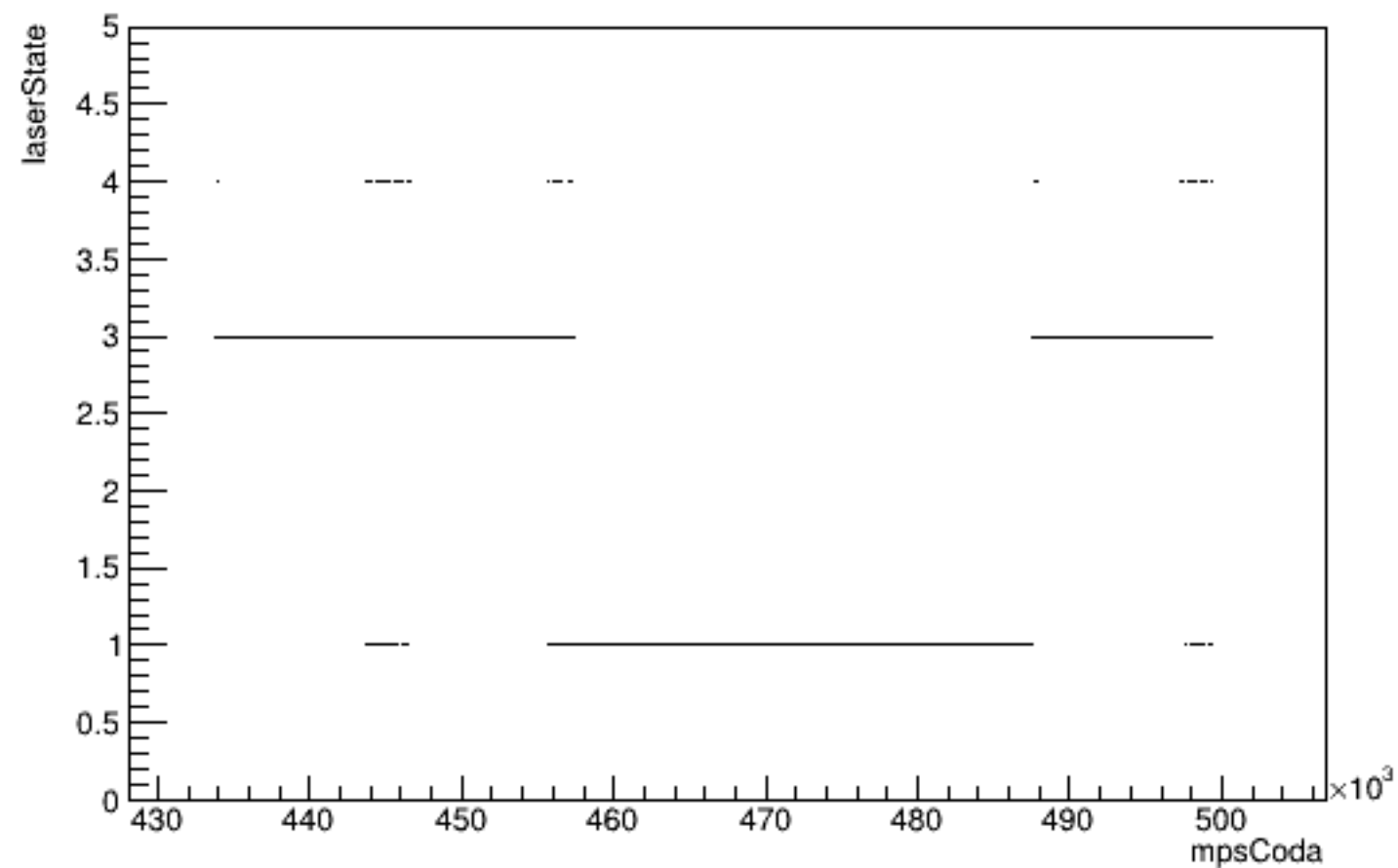
Run 4402 quartetwise, Asyms



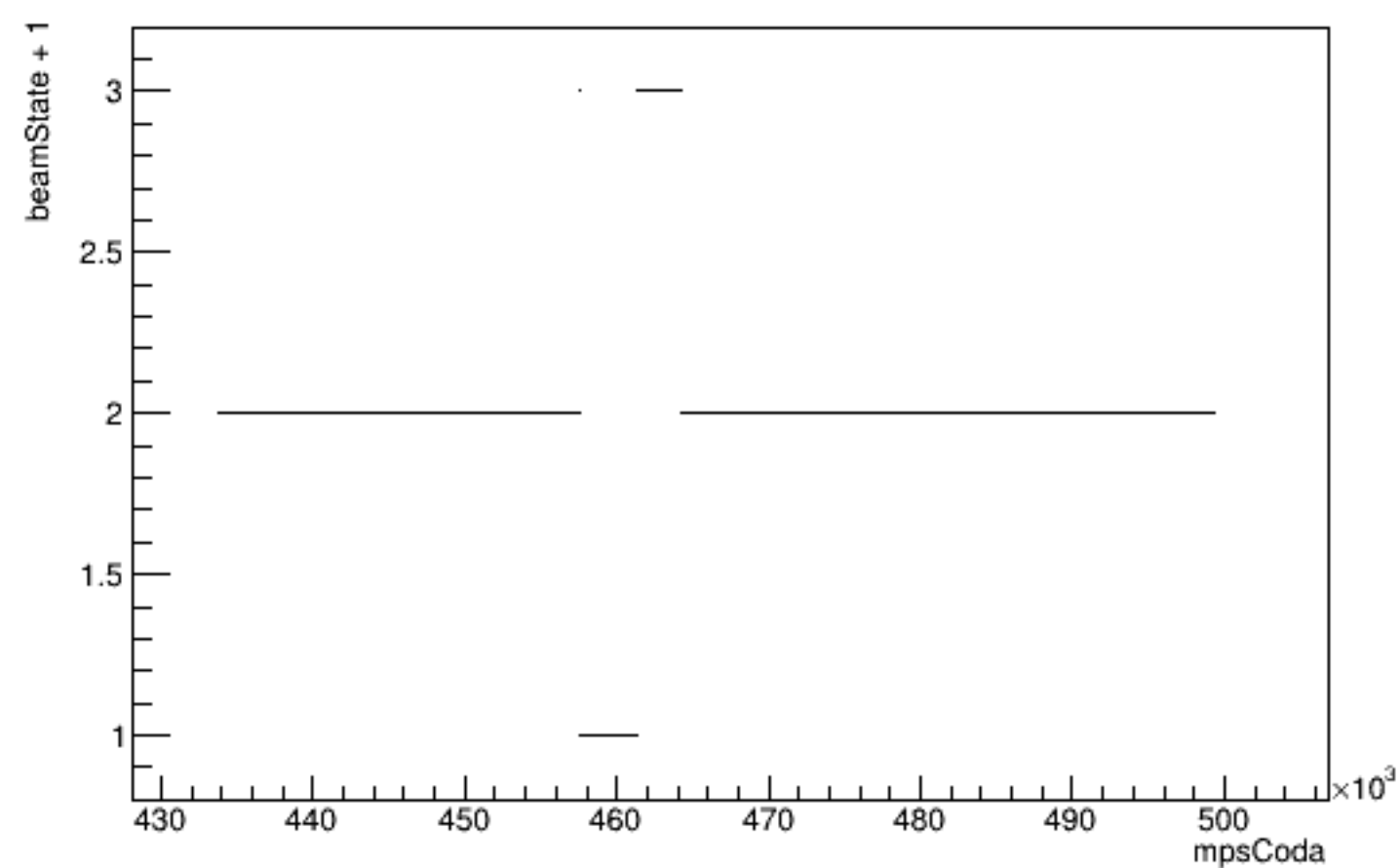
Acc0/NAcc0:mpsCoda {mpsCoda>=433855 && mpsCoda<=499326 && beamState==1}



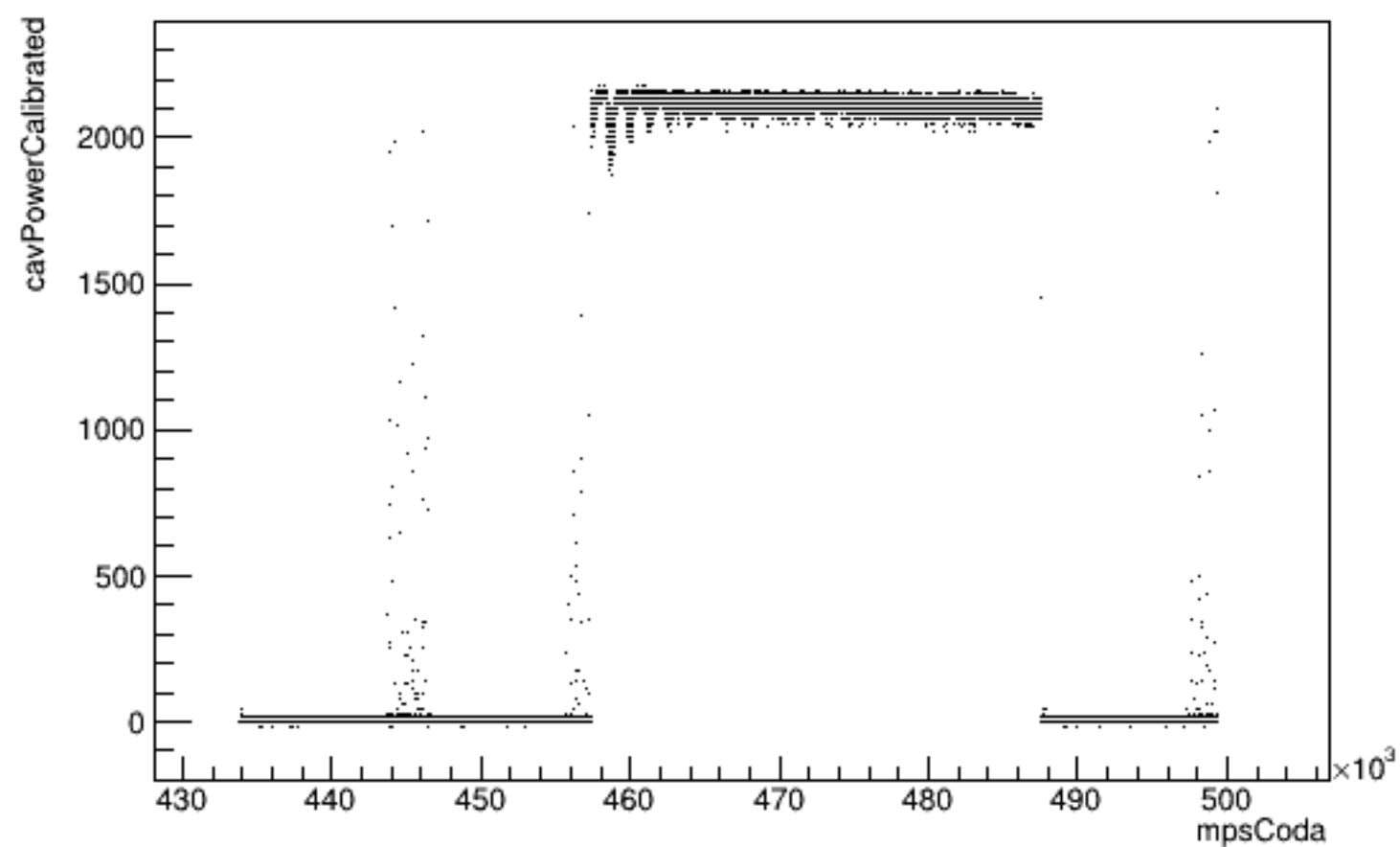
laserState:mpsCoda {mpsCoda>=433855 && mpsCoda<=499326}



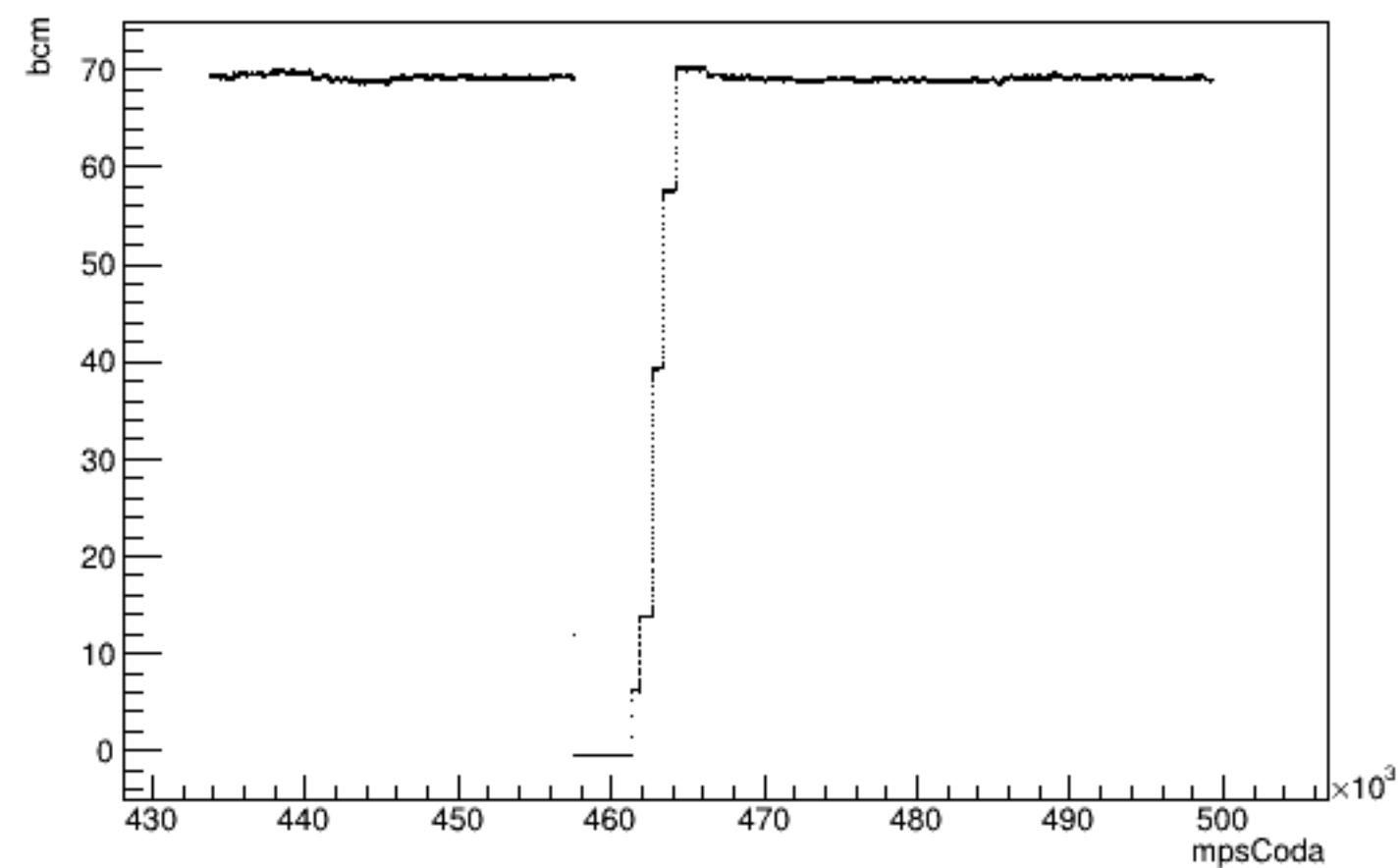
beamState + 1:mpsCoda {mpsCoda>=433855 && mpsCoda<=499326}



cavPowerCalibrated:mpsCoda {mpsCoda>=433855 && mpsCoda<=499326}



bcm:mpsCoda {mpsCoda>=433855 && mpsCoda<=499326}



Cycle 11, Diffs

Entries: 1437

Mean: 0.0024 +/- 0.0075

Std Dev: 0.2831 +/- 0.0053

Entries: 2932

Mean: -0.0684 +/- 0.0059

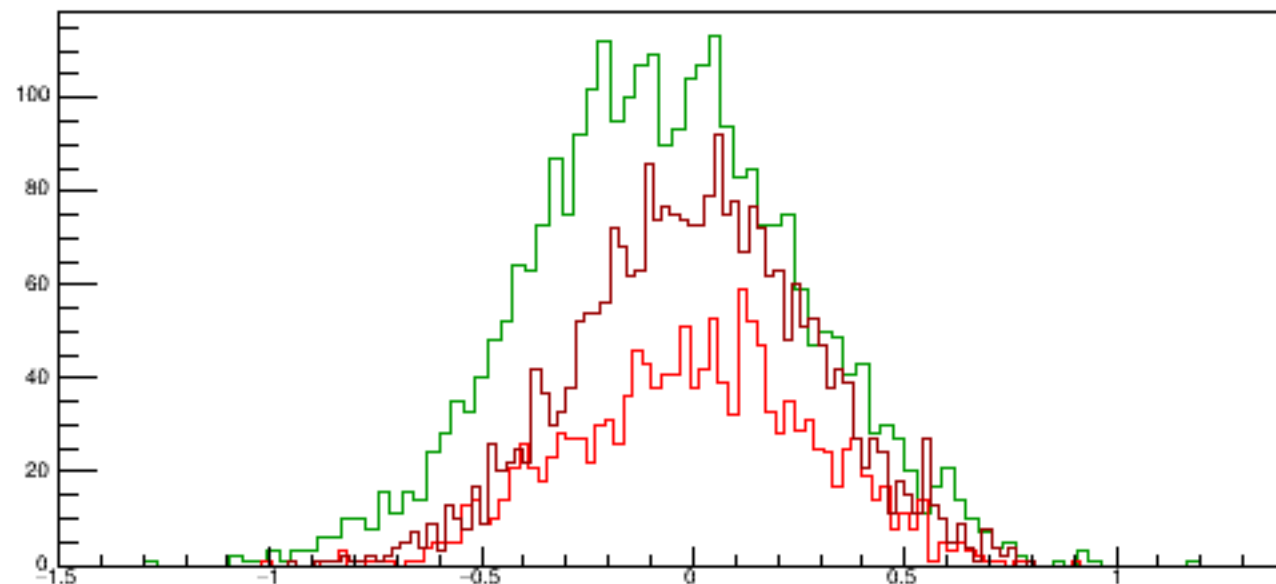
Std Dev: 0.3215 +/- 0.0042

Entries: 2695

Mean: 0.0070 +/- 0.0054

Std Dev: 0.2781 +/- 0.0038

Run 4402 quartetwise, Diffs



Cycle 11, Sums

Entries: 1437

Mean: 14.8865 +/- 0.0157

Std Dev: 0.5934 +/- 0.0111

Entries: 2932

Mean: 19.8805 +/- 0.0072

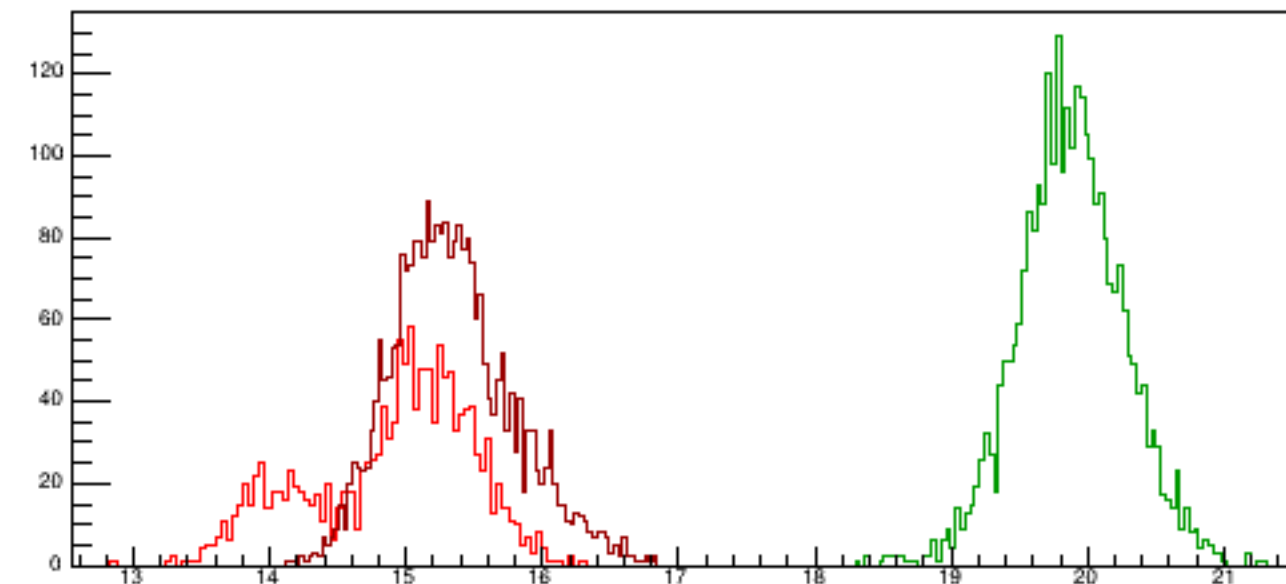
Std Dev: 0.3894 +/- 0.0051

Entries: 2695

Mean: 15.3392 +/- 0.0085

Std Dev: 0.4435 +/- 0.0060

Run 4402 quartetwise, Sums



Cycle 11, Asyms

Entries: 1437

Mean: 0.0005 +/- 0.0016

Std Dev: 0.0594 +/- 0.0011

Entries: 2932

Mean: -0.0144 +/- 0.0013

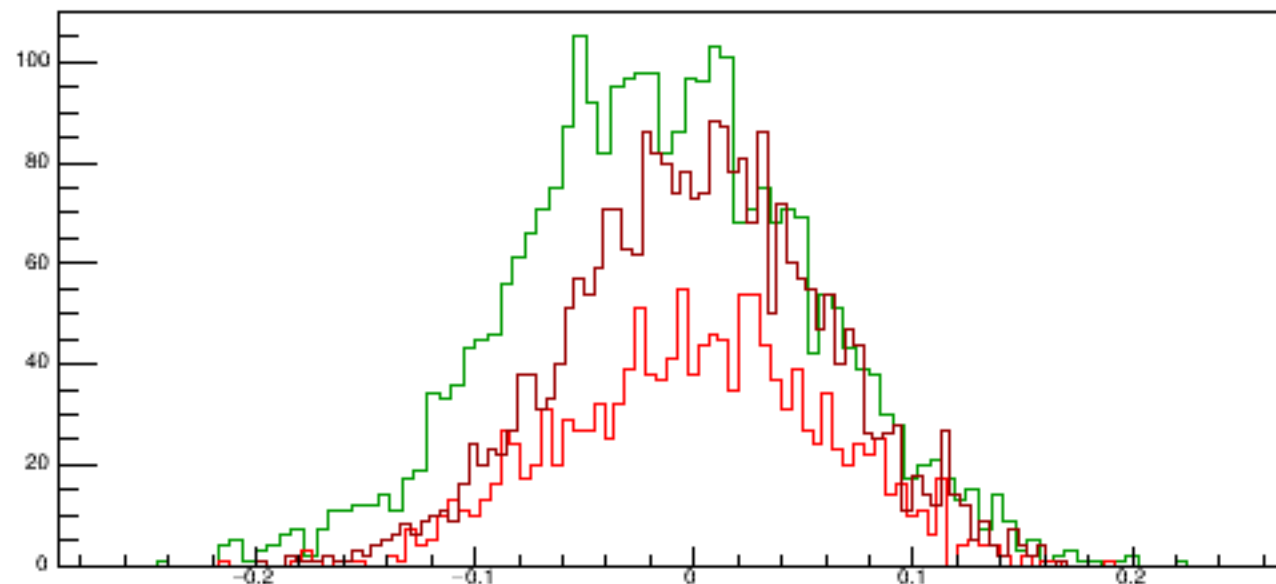
Std Dev: 0.0677 +/- 0.0009

Entries: 2695

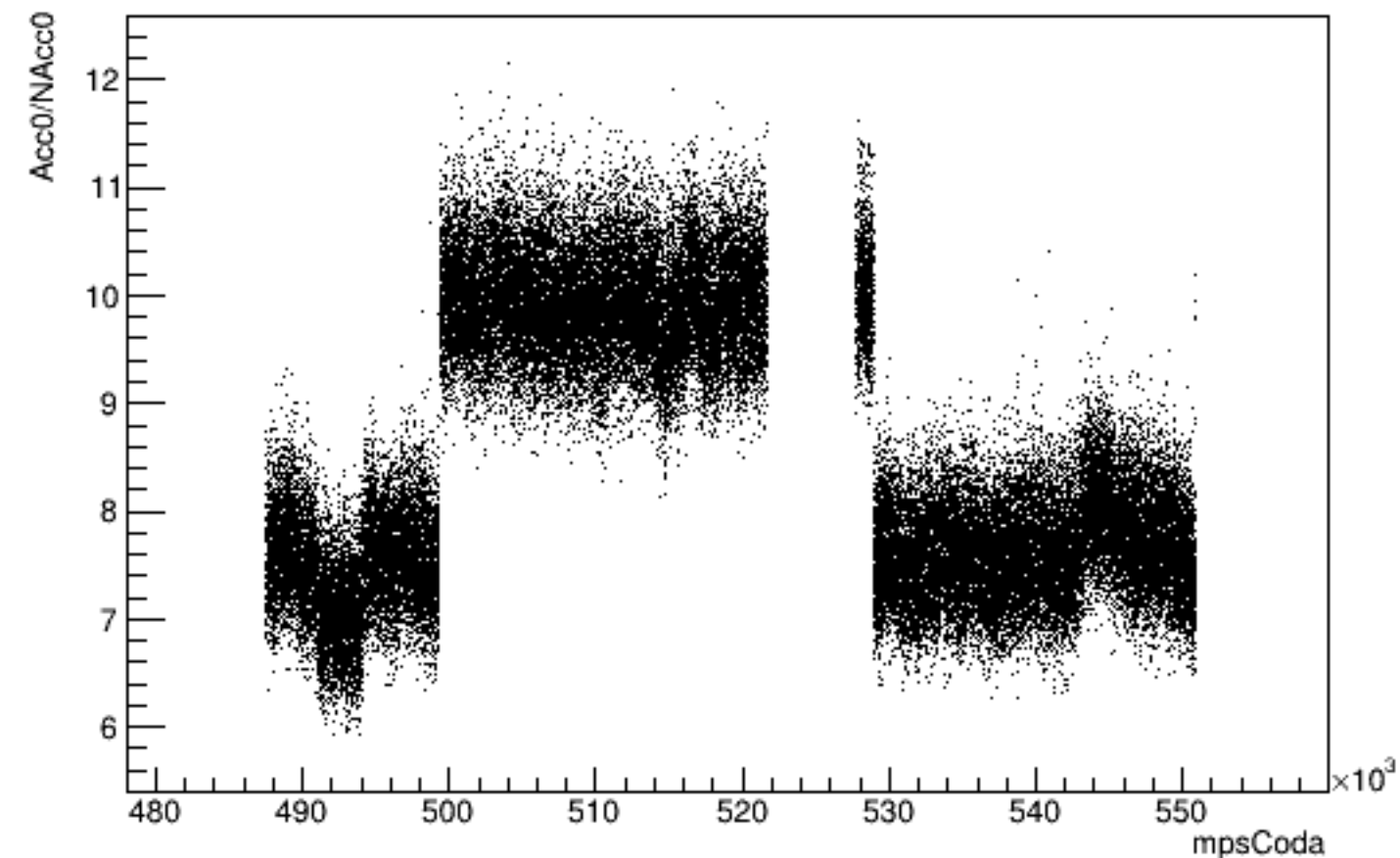
Mean: 0.0015 +/- 0.0011

Std Dev: 0.0583 +/- 0.0008

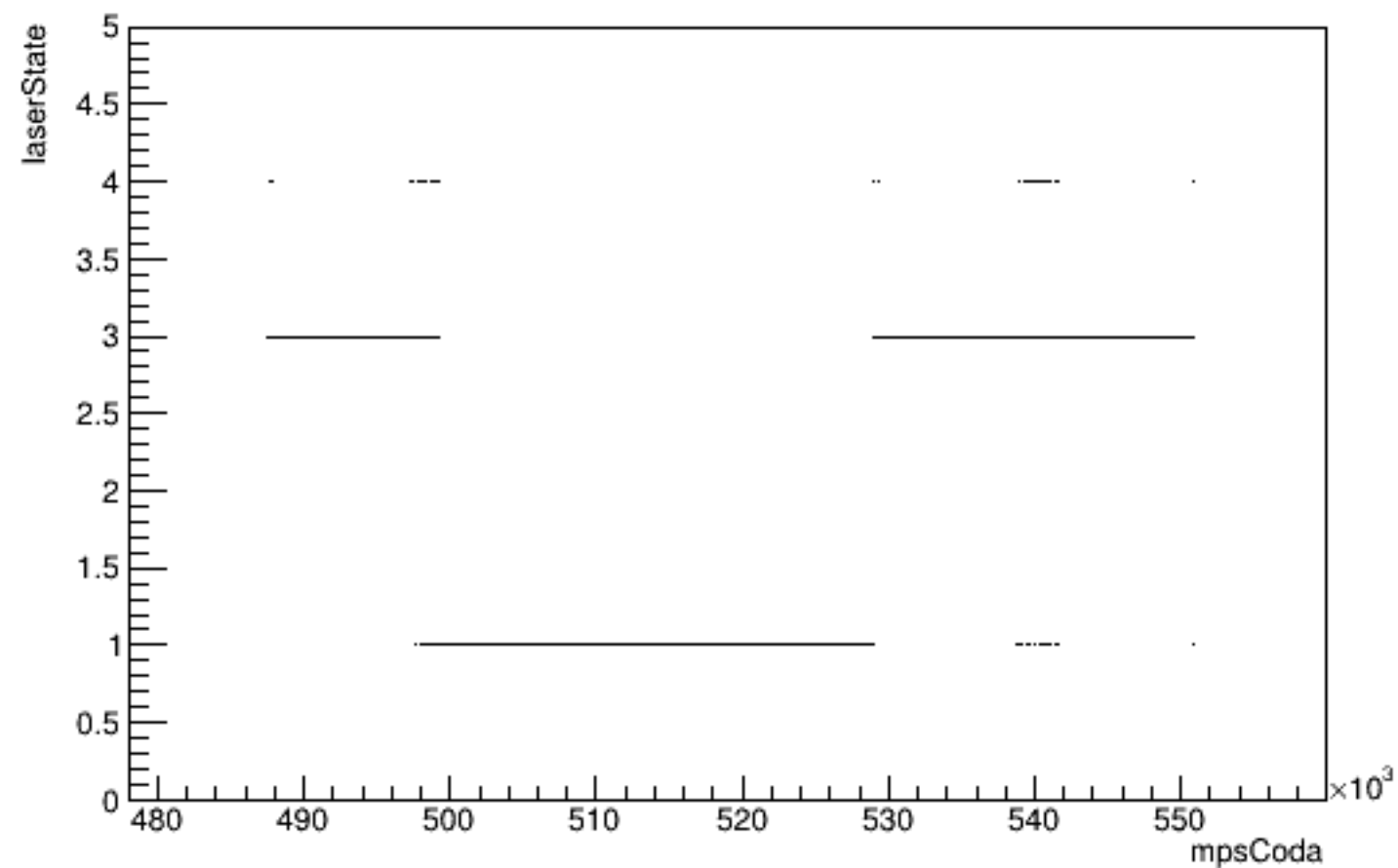
Run 4402 quartetwise, Asyms



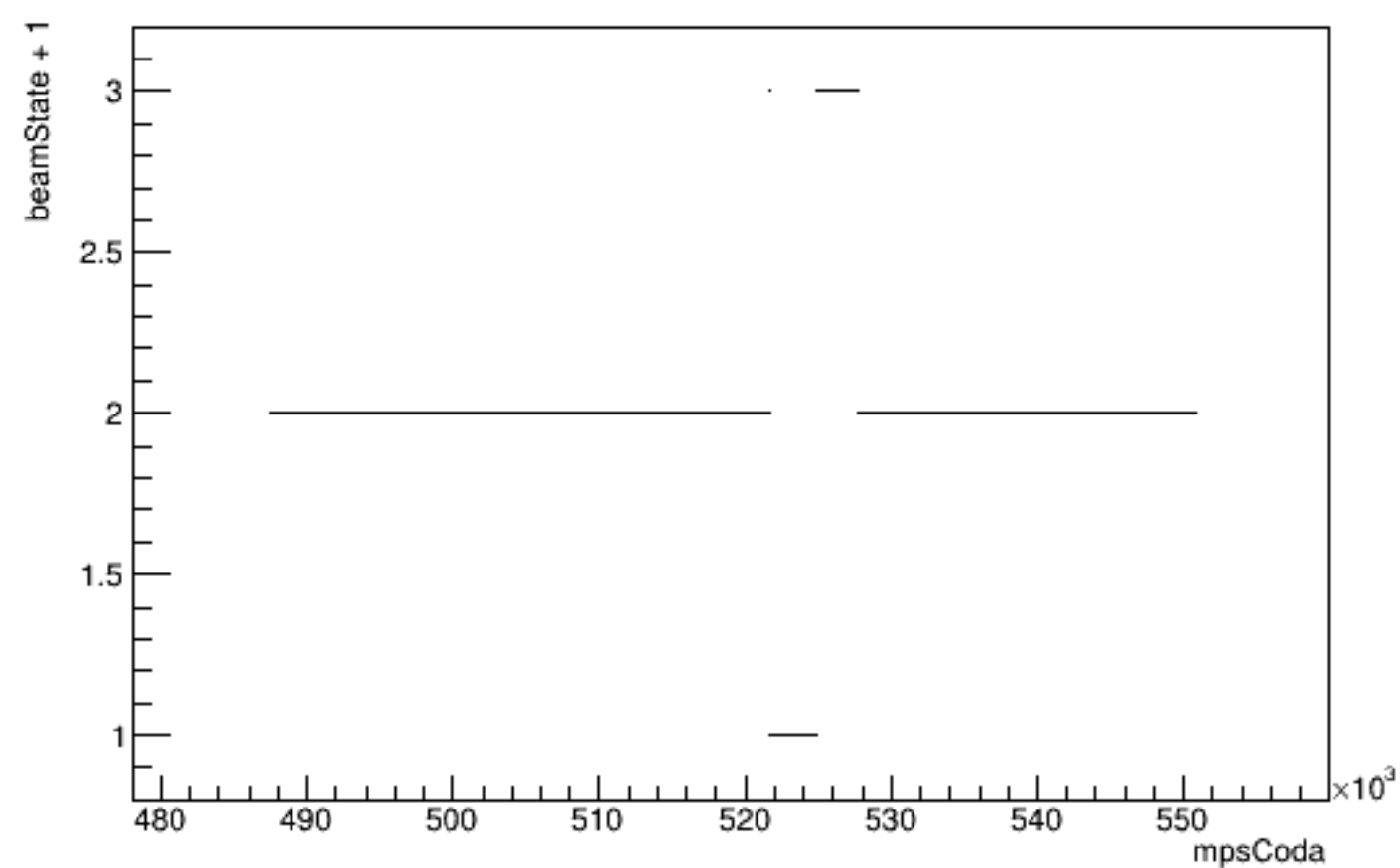
Acc0/NAcc0:mpsCoda {mpsCoda>=487511 && mpsCoda<=550894 && beamState==1}



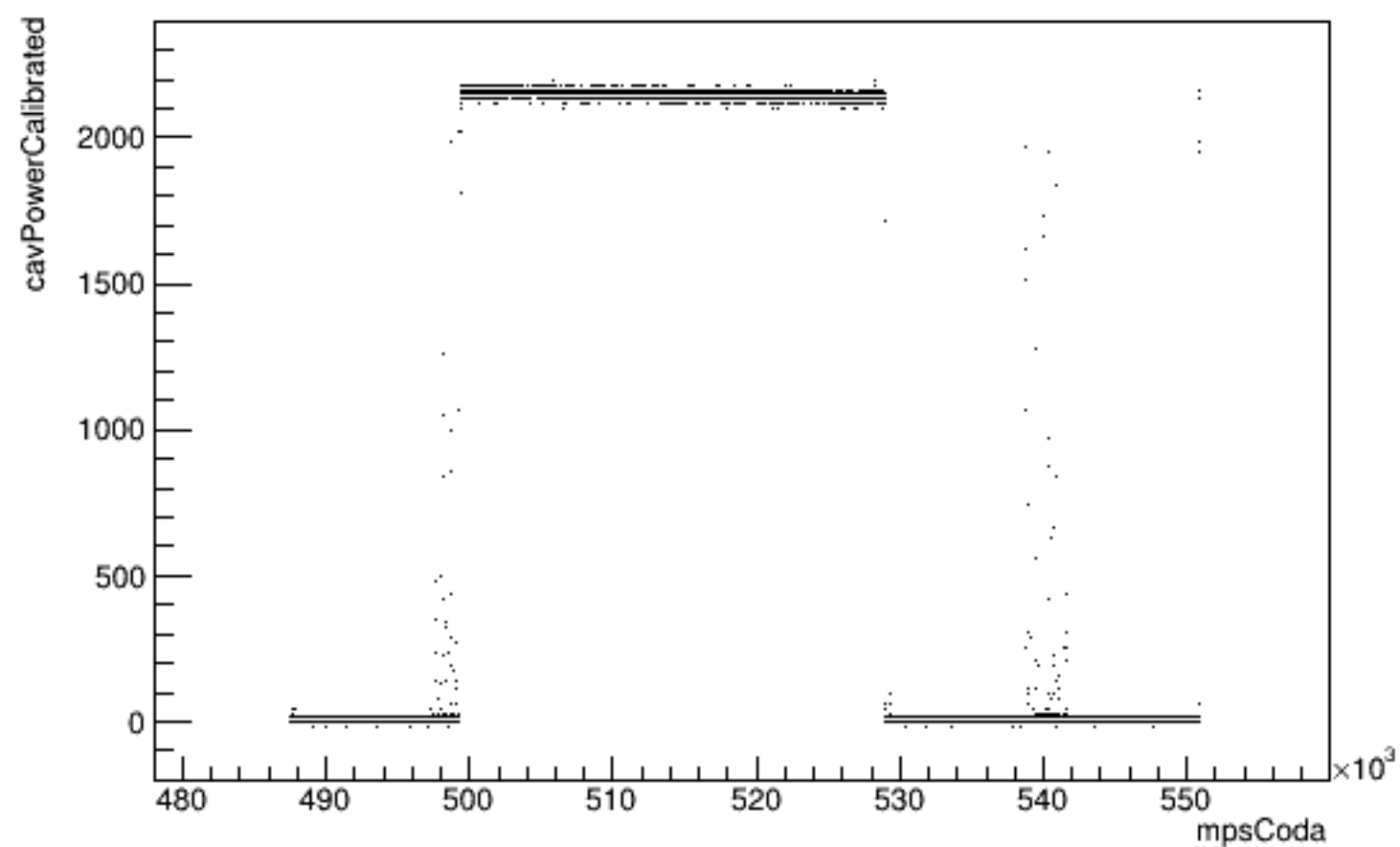
laserState:mpsCoda {mpsCoda>=487511 && mpsCoda<=550894}



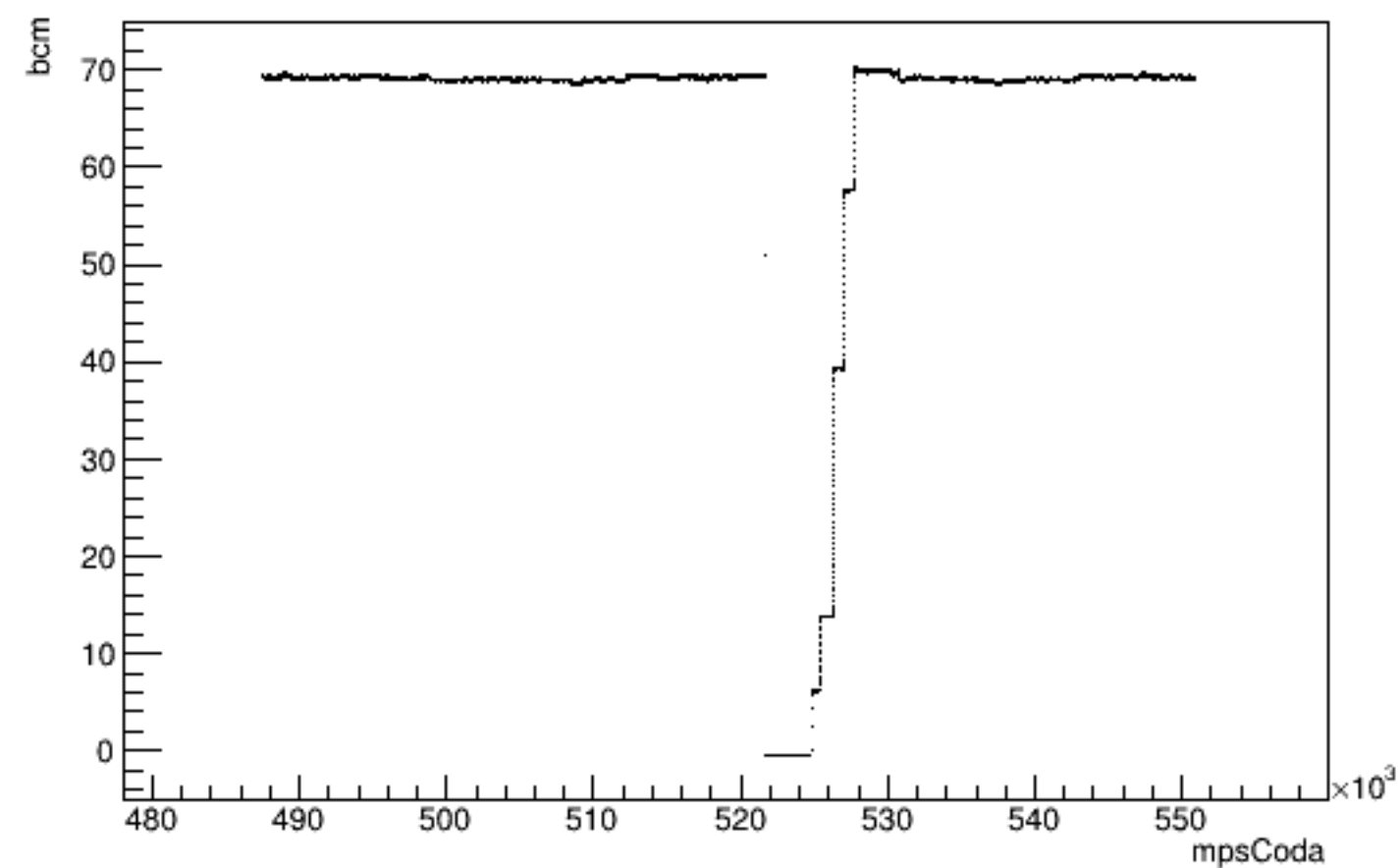
beamState + 1:mpsCoda {mpsCoda>=487511 && mpsCoda<=550894}



cavPowerCalibrated:mpsCoda {mpsCoda>=487511 && mpsCoda<=550894}



bcm:mpsCoda {mpsCoda>=487511 && mpsCoda<=550894}



Cycle 12, Diffs

Entries: 2695

Mean: 0.0070 +/- 0.0054

Std Dev: 0.2781 +/- 0.0038

Entries: 3777

Mean: -0.0752 +/- 0.0053

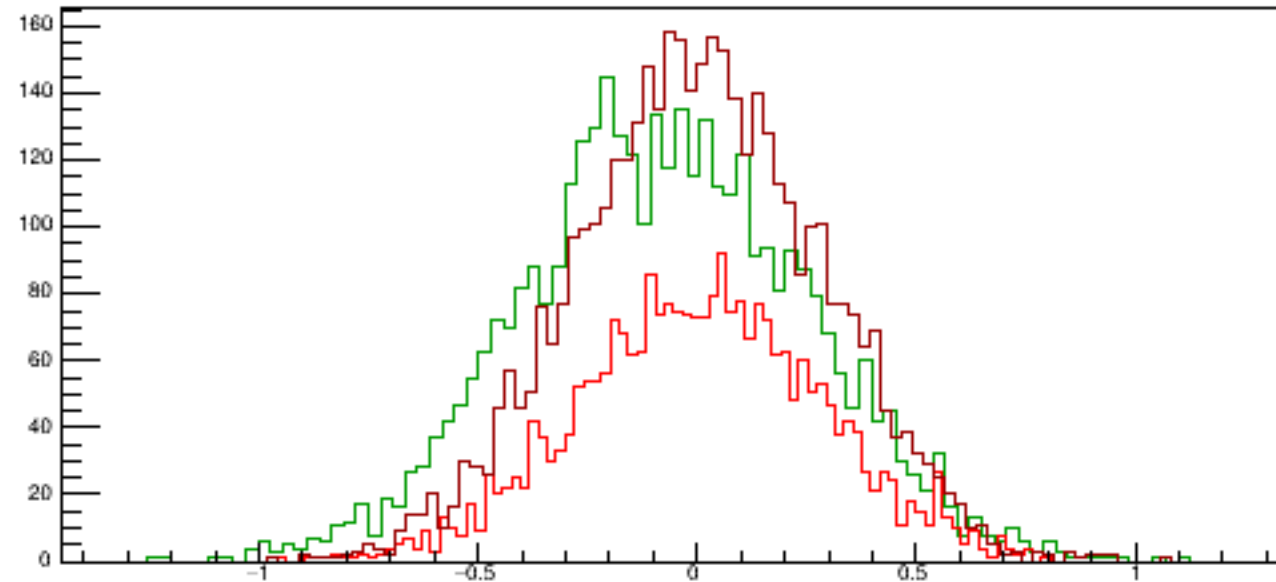
Std Dev: 0.3262 +/- 0.0038

Entries: 4265

Mean: 0.0041 +/- 0.0043

Std Dev: 0.2797 +/- 0.0030

Run 4402 quartetwise, Diffs



Cycle 12, Sums

Entries: 2695

Mean: 15.3392 +/- 0.0085

Std Dev: 0.4435 +/- 0.0060

Entries: 3777

Mean: 19.4863 +/- 0.0120

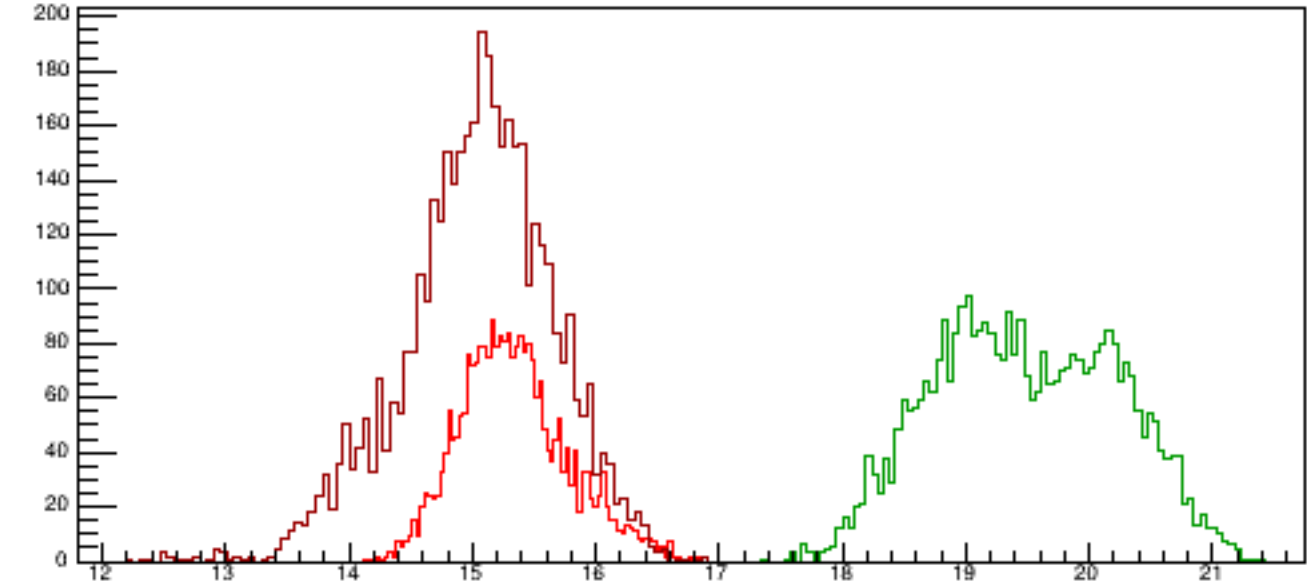
Std Dev: 0.7398 +/- 0.0085

Entries: 4265

Mean: 15.0414 +/- 0.0094

Std Dev: 0.6125 +/- 0.0066

Run 4402 quartetwise, Sums



Cycle 12, Asyms

Entries: 2695

Mean: 0.0016 +/- 0.0012

Std Dev: 0.0647 +/- 0.0009

Entries: 3777

Mean: -0.0182 +/- 0.0013

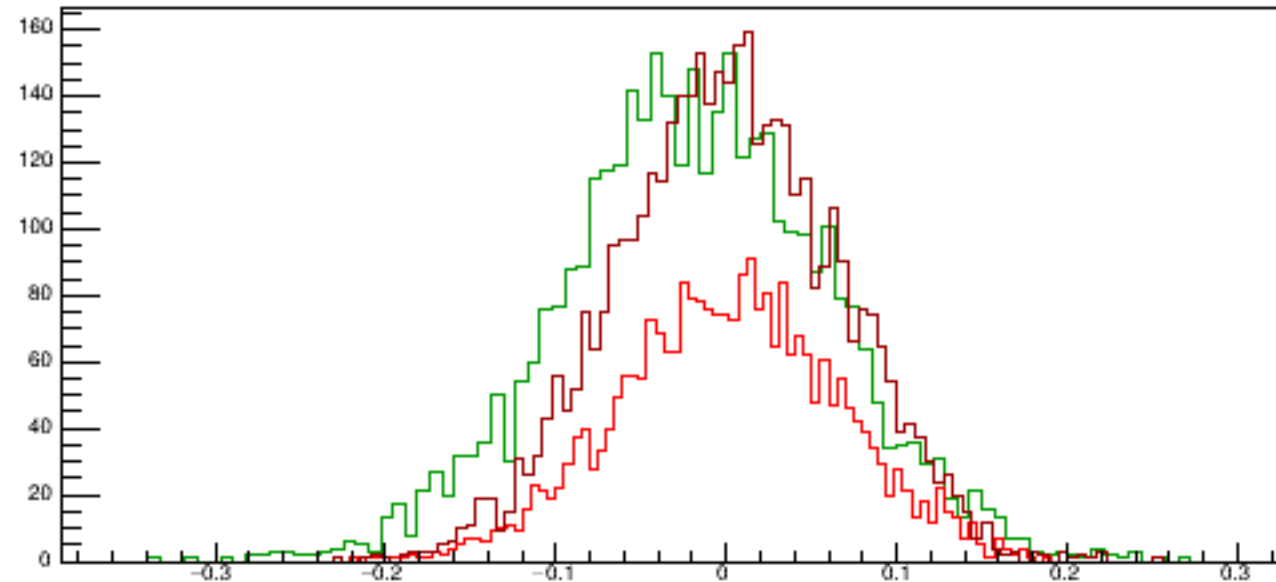
Std Dev: 0.0790 +/- 0.0009

Entries: 4265

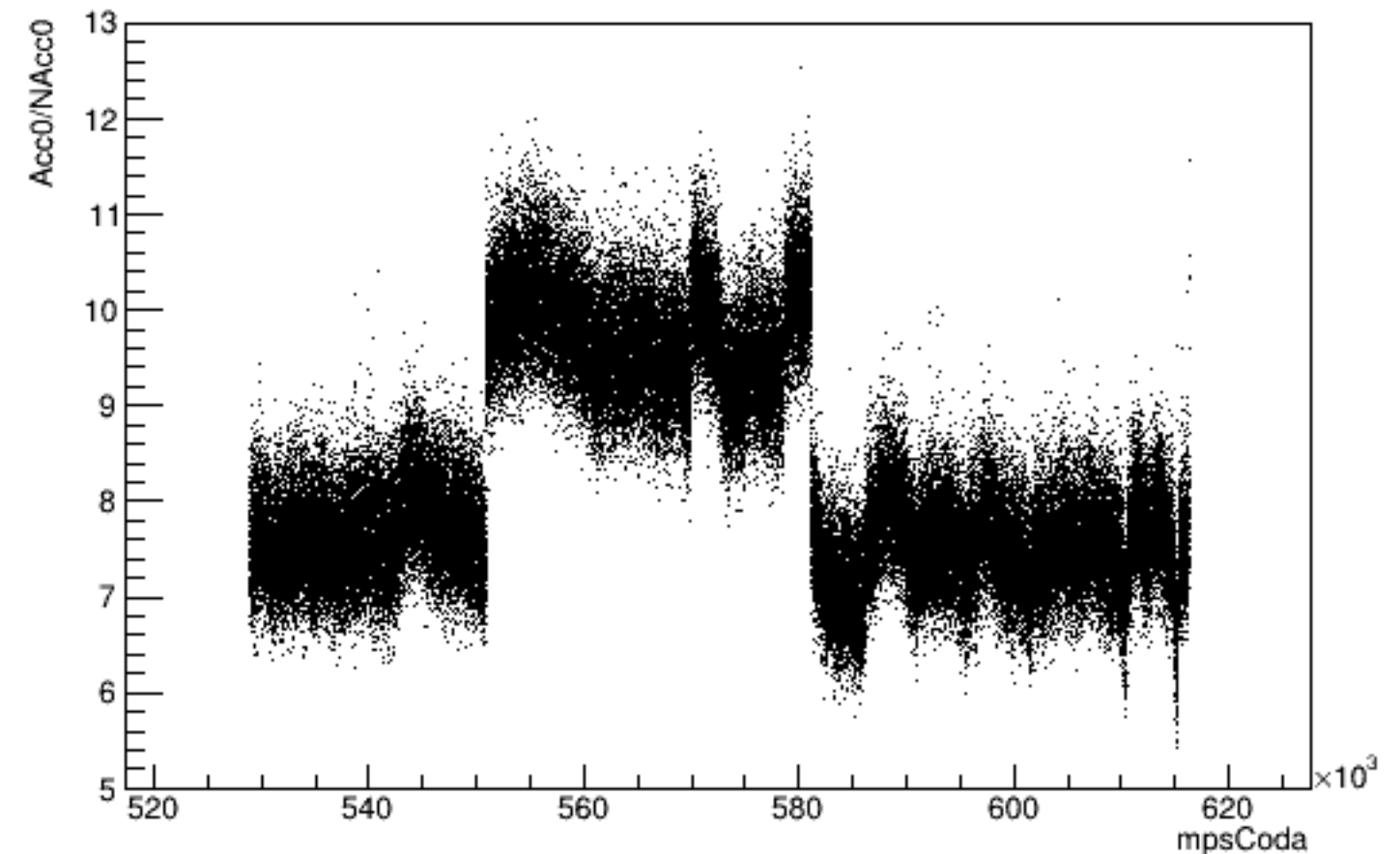
Mean: 0.0010 +/- 0.0010

Std Dev: 0.0651 +/- 0.0007

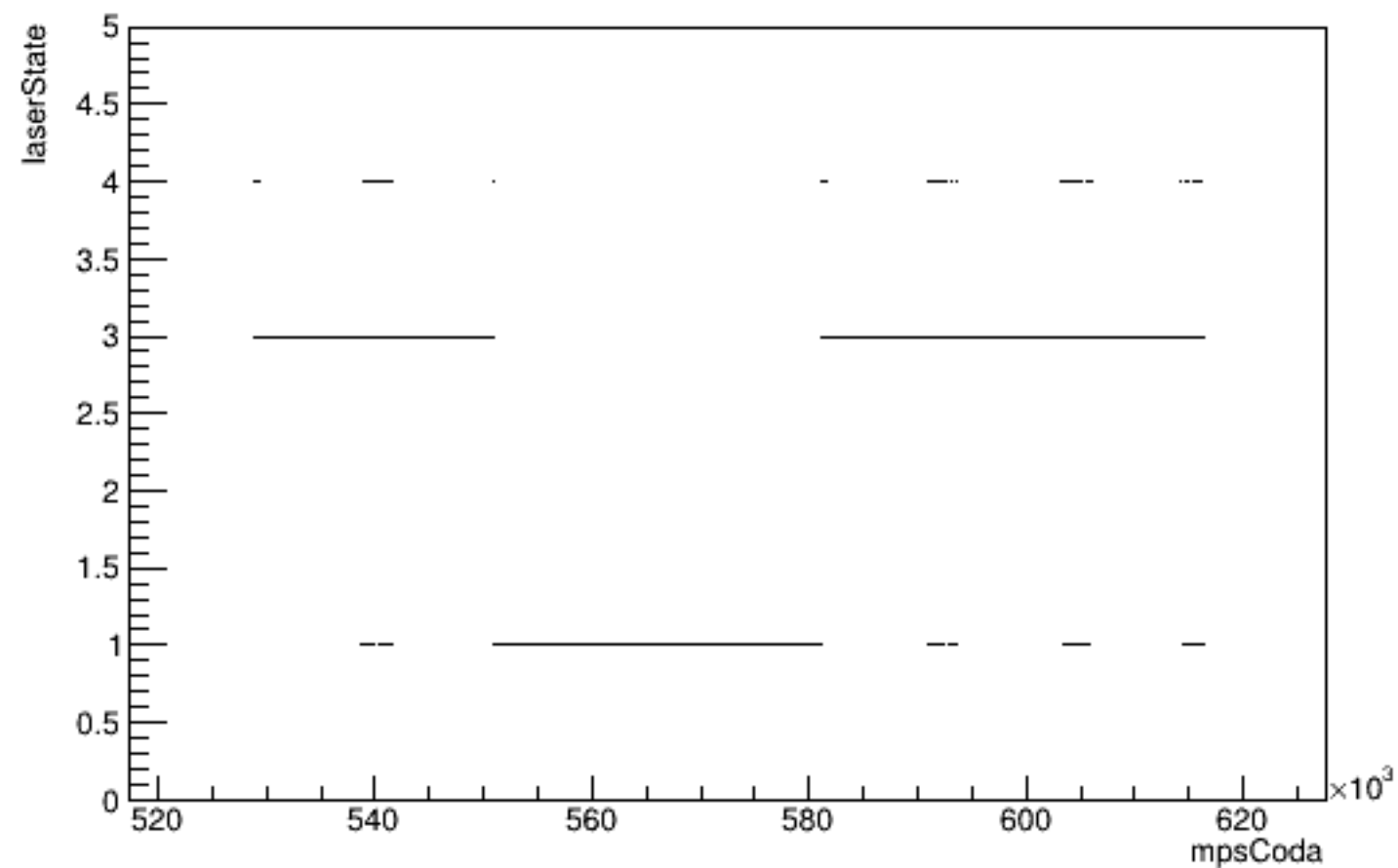
Run 4402 quartetwise, Asyms



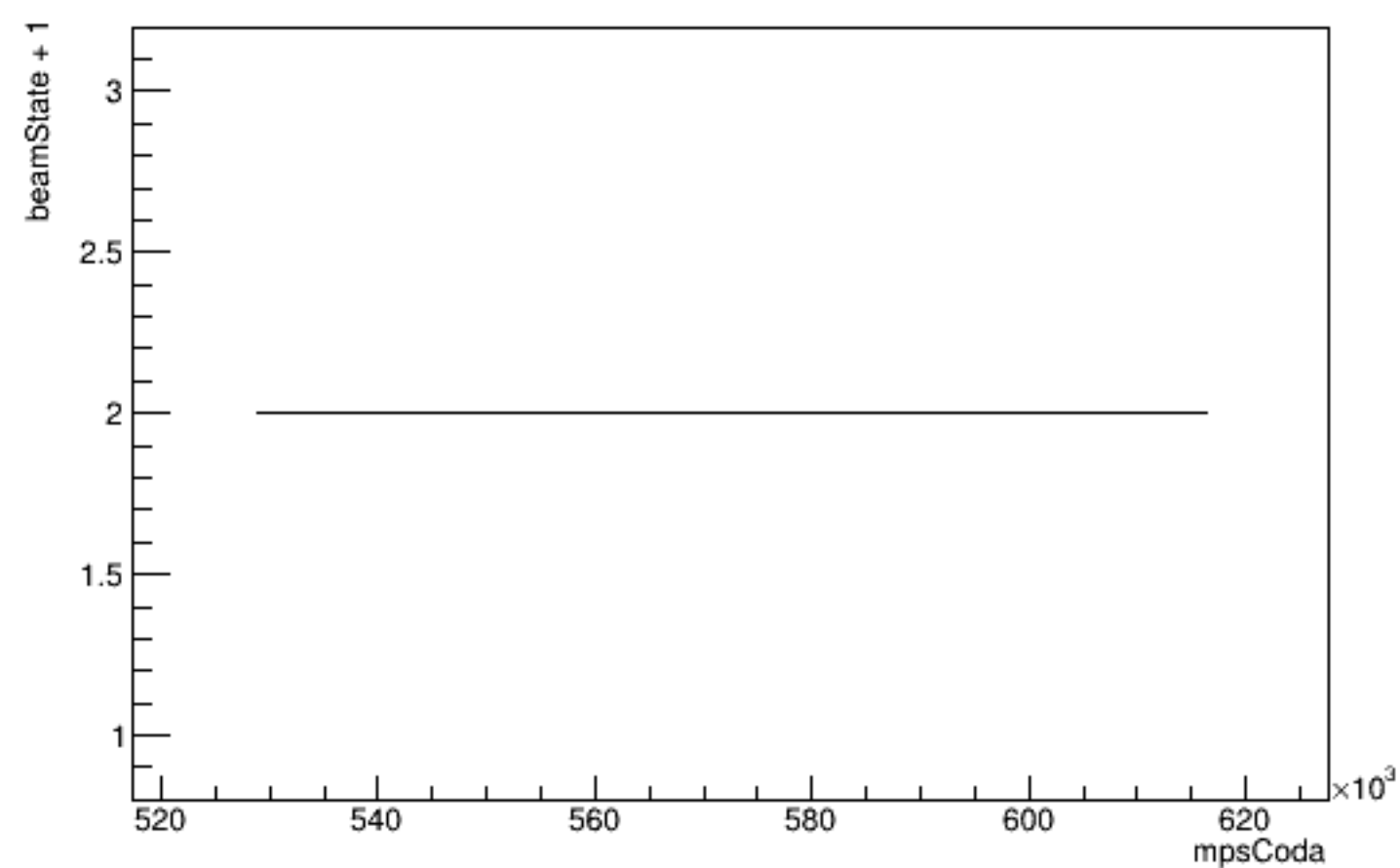
Acc0/NAcc0:mpsCoda {mpsCoda>=528919 && mpsCoda<=616286 && beamState==1}



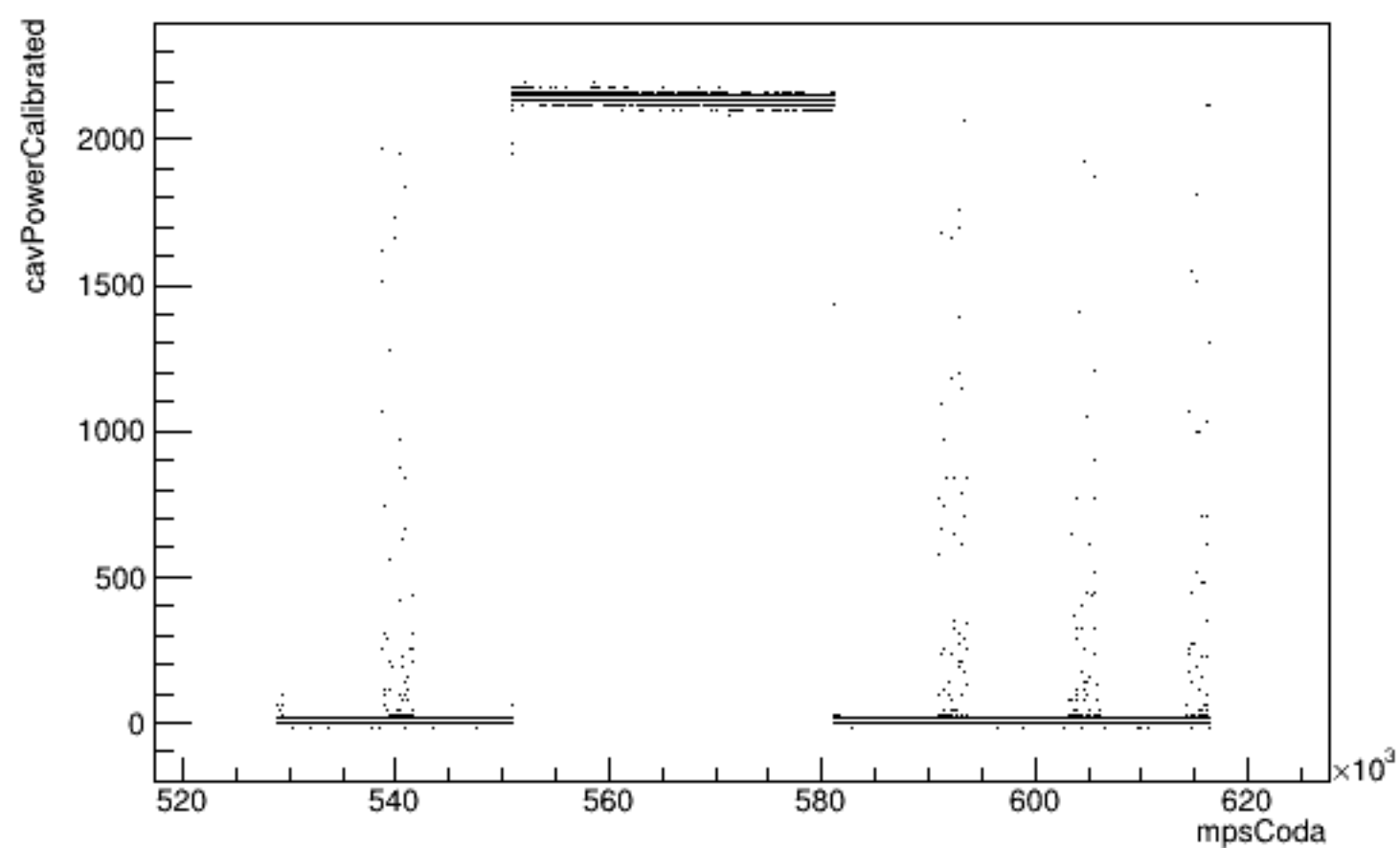
laserState:mpsCoda {mpsCoda>=528919 && mpsCoda<=616286}



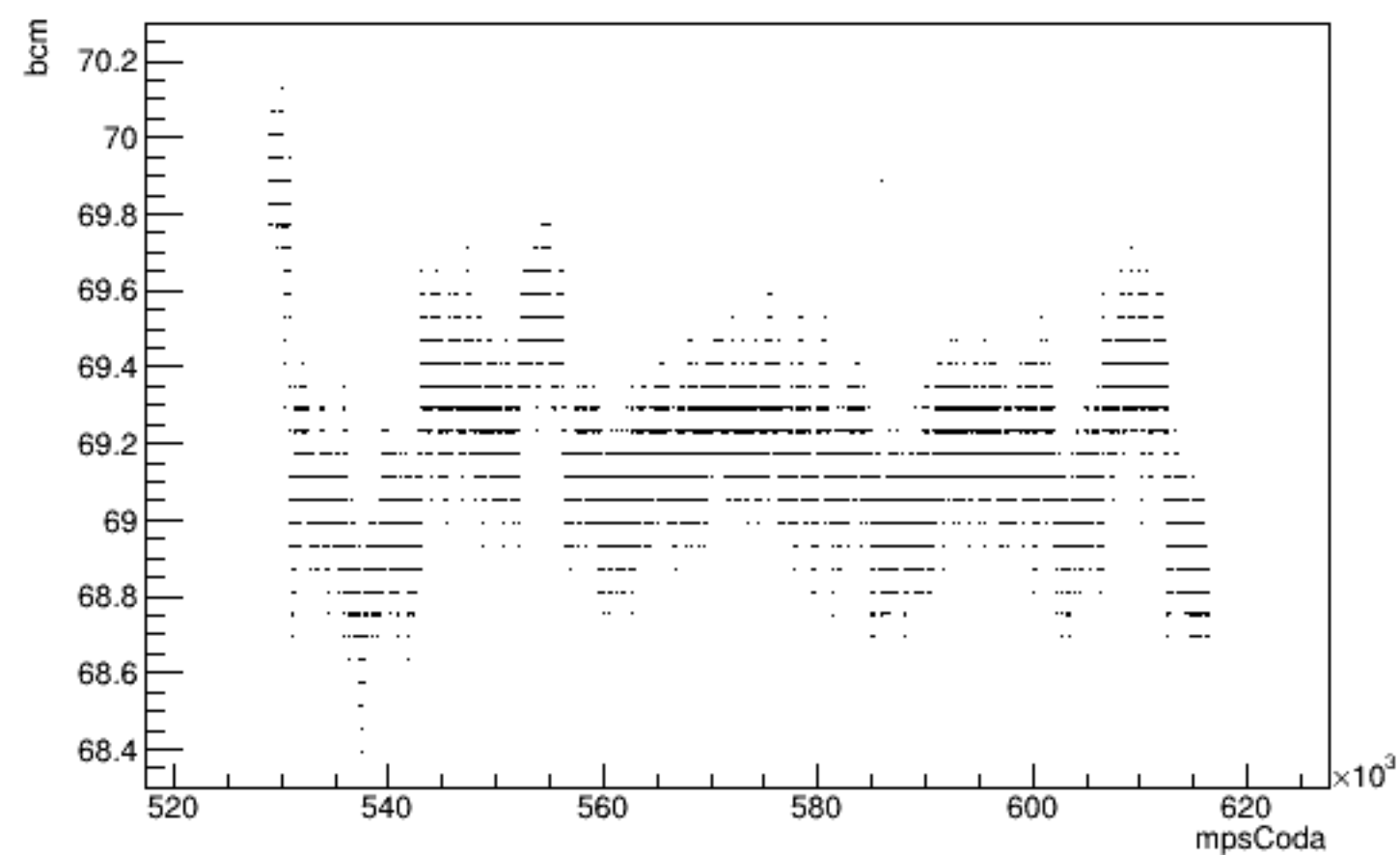
beamState + 1:mpsCoda {mpsCoda>=528919 && mpsCoda<=616286}



cavPowerCalibrated:mpsCoda {mpsCoda>=528919 && mpsCoda<=616286}



bcm:mpsCoda {mpsCoda>=528919 && mpsCoda<=616286}



Cycle 13, Diffs

Entries: 4265

Mean: 0.0041 +/- 0.0043

Std Dev: 0.2797 +/- 0.0030

Entries: 3719

Mean: -0.0664 +/- 0.0053

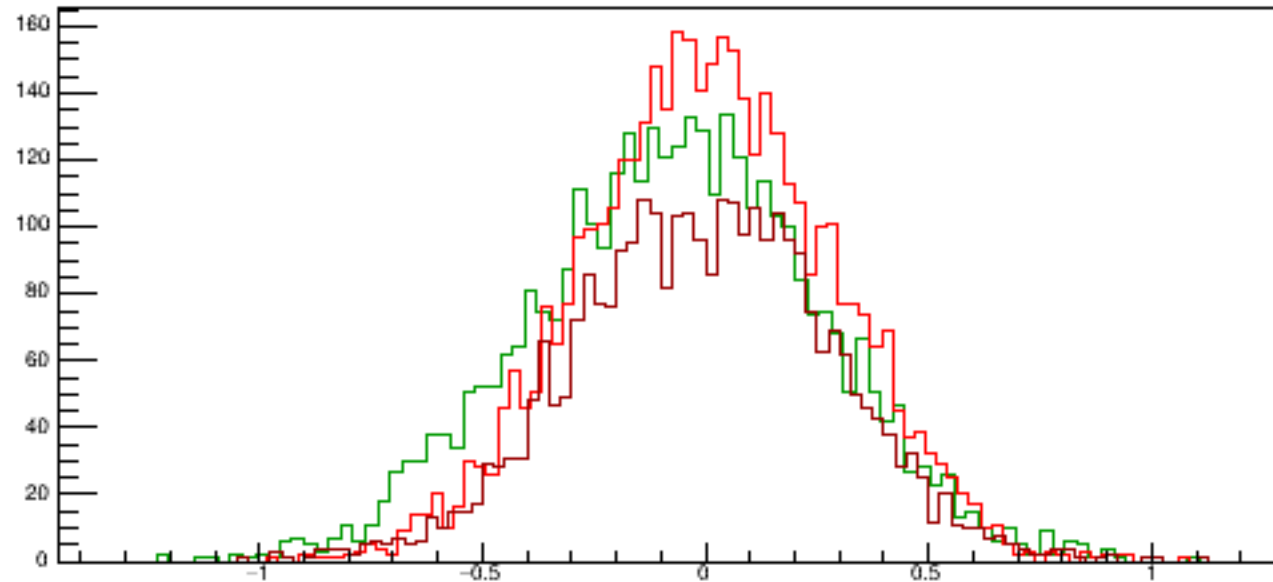
Std Dev: 0.3249 +/- 0.0038

Entries: 3079

Mean: -0.0057 +/- 0.0052

Std Dev: 0.2878 +/- 0.0037

Run 4402 quartetwise, Diffs



Cycle 13, Sums

Entries: 4265

Mean: 15.0414 +/- 0.0094

Std Dev: 0.6125 +/- 0.0066

Entries: 3719

Mean: 20.2270 +/- 0.0108

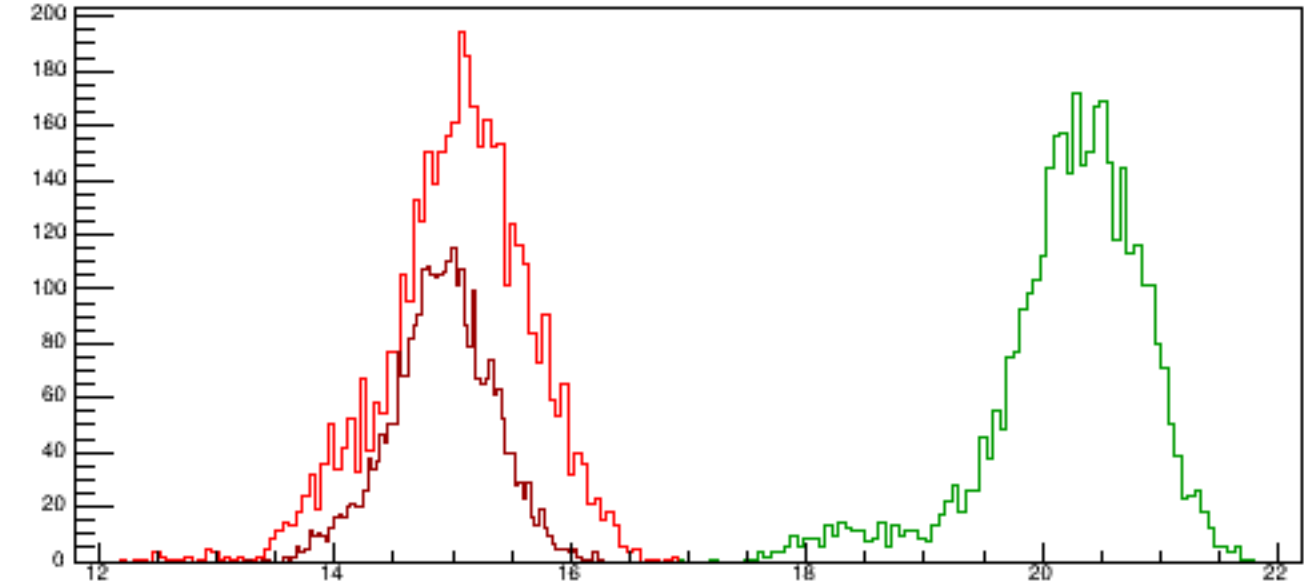
Std Dev: 0.6609 +/- 0.0077

Entries: 3079

Mean: 14.9062 +/- 0.0077

Std Dev: 0.4282 +/- 0.0055

Run 4402 quartetwise, Sums



Cycle 13, Asyms

Entries: 4265

Mean: 0.0008 +/- 0.0008

Std Dev: 0.0532 +/- 0.0006

Entries: 3719

Mean: -0.0130 +/- 0.0010

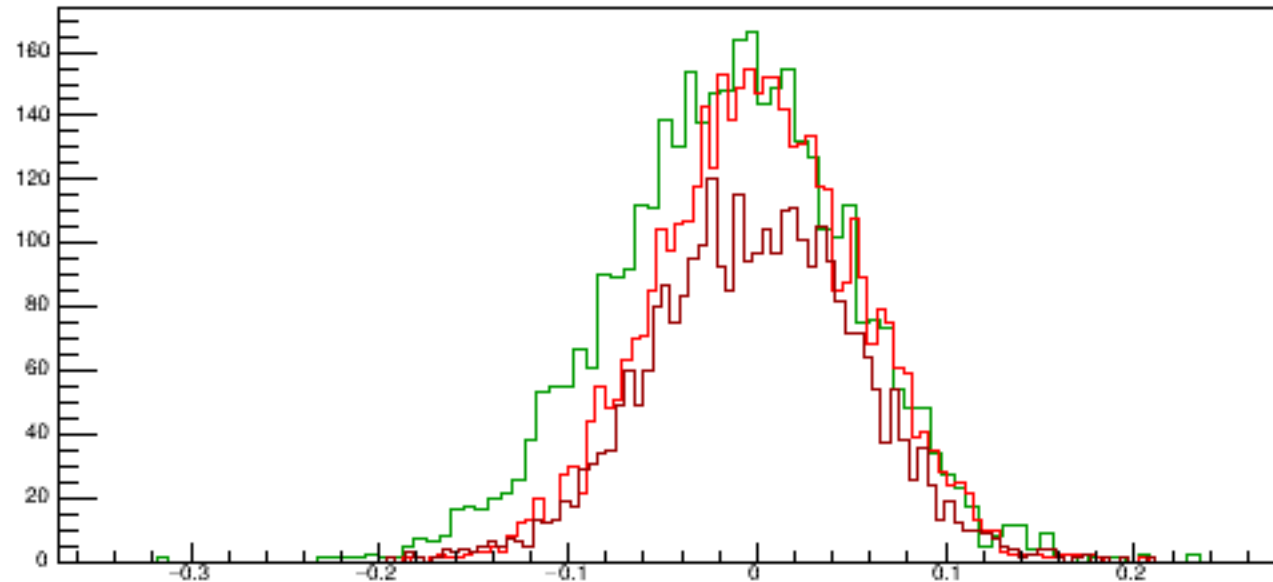
Std Dev: 0.0629 +/- 0.0007

Entries: 3079

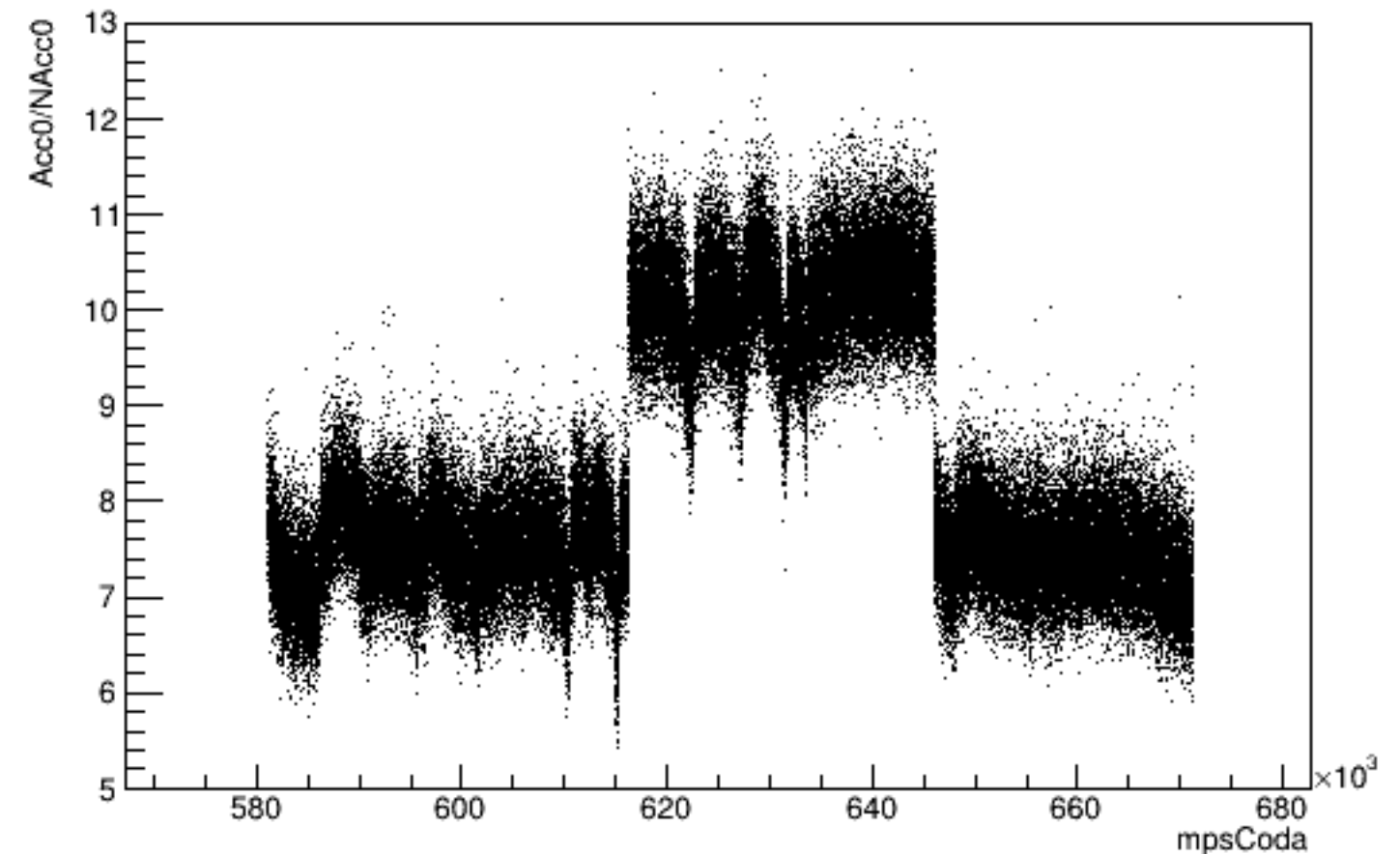
Mean: -0.0011 +/- 0.0010

Std Dev: 0.0548 +/- 0.0007

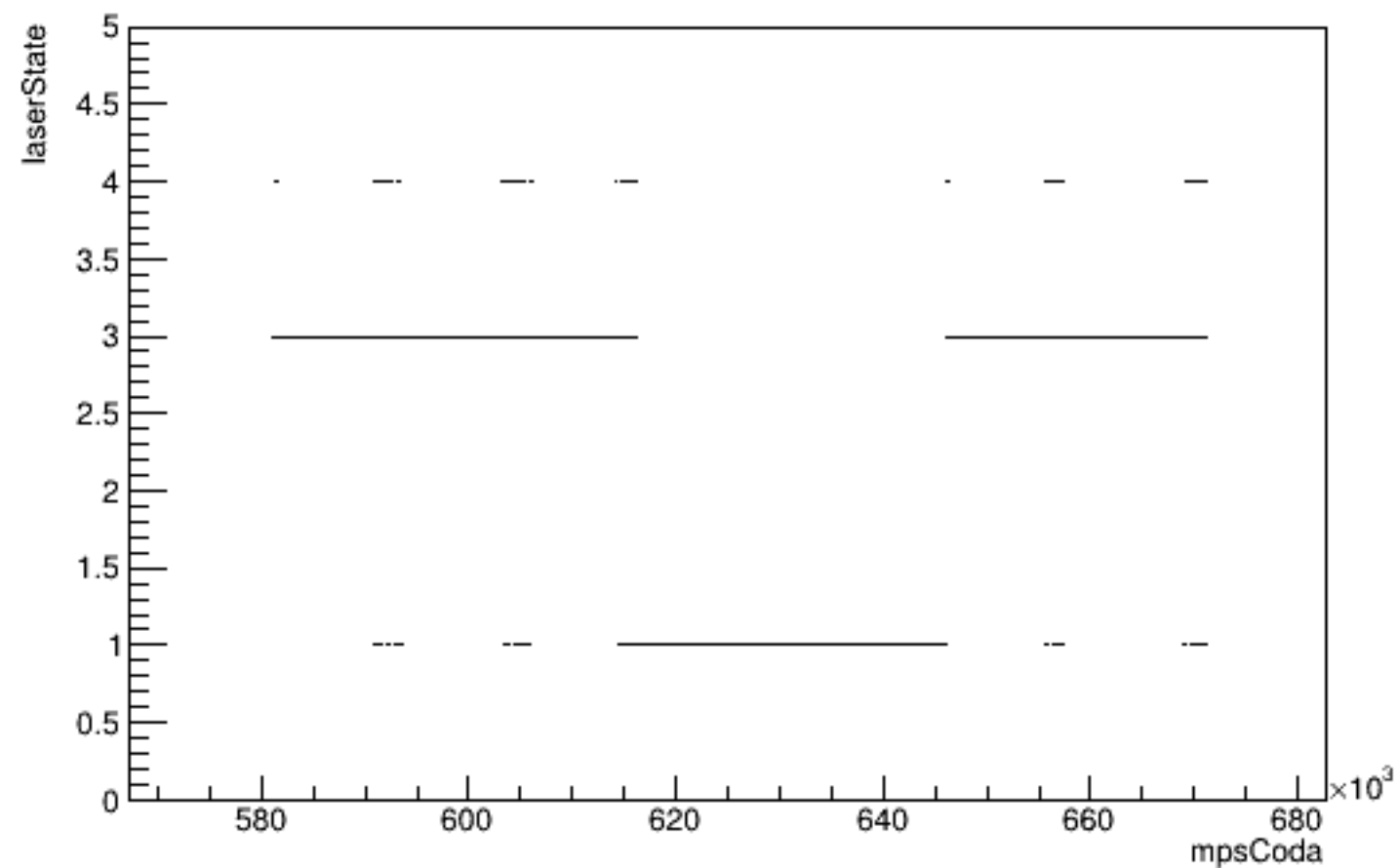
Run 4402 quartetwise, Asyms



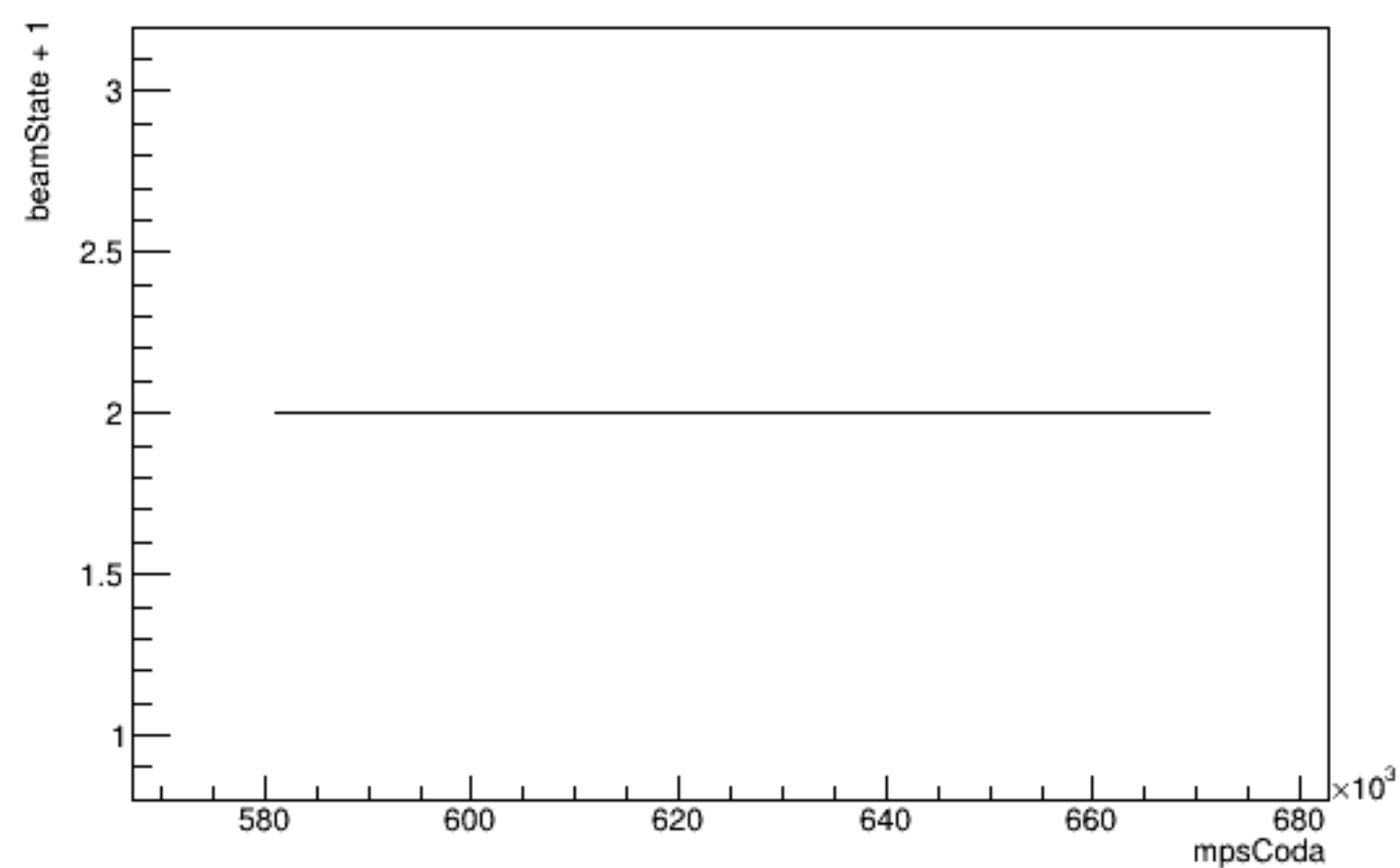
Acc0/NAcc0:mpsCoda {mpsCoda>=581119 && mpsCoda<=671246 && beamState==1}



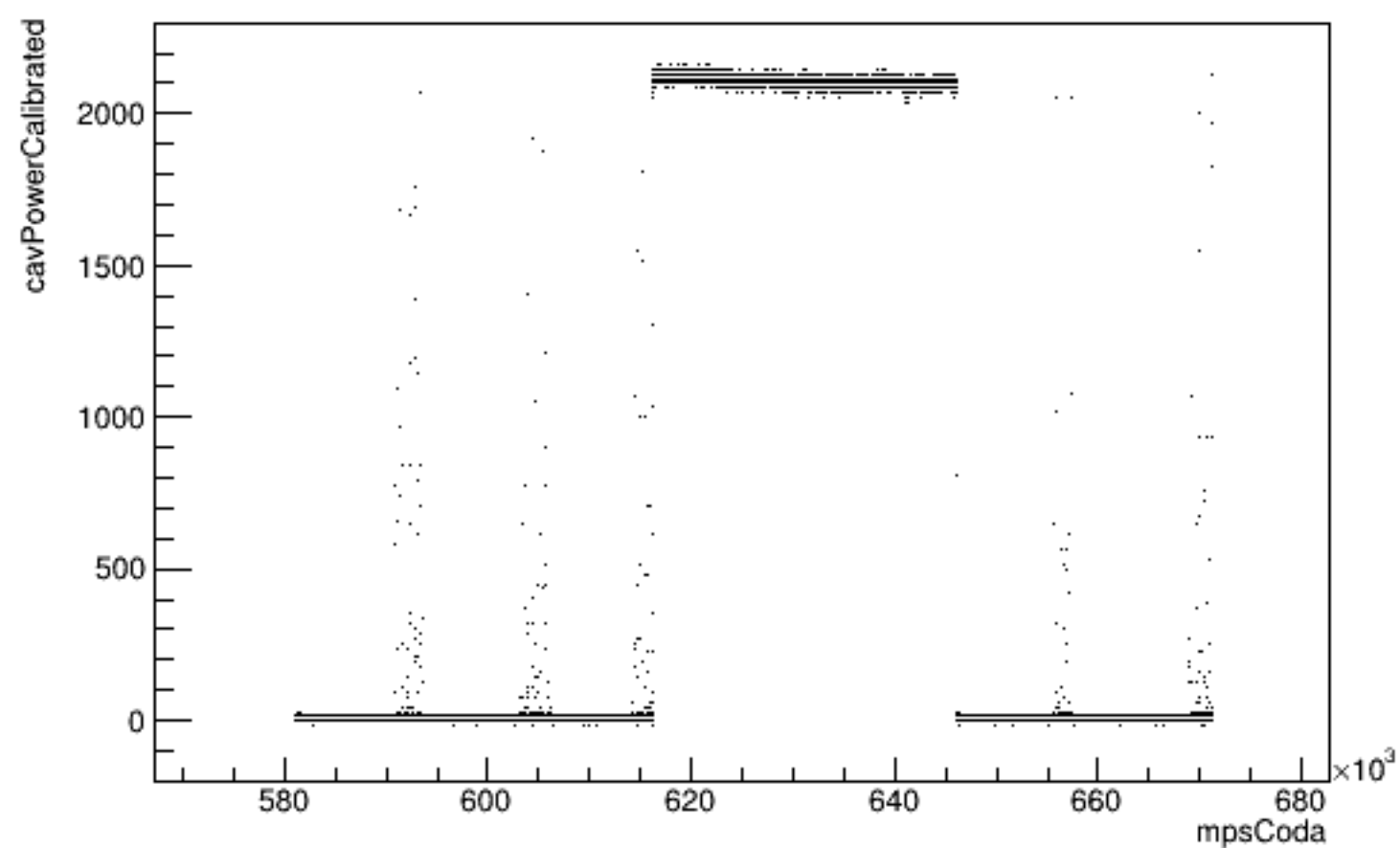
laserState:mpsCoda {mpsCoda>=581119 && mpsCoda<=671246}



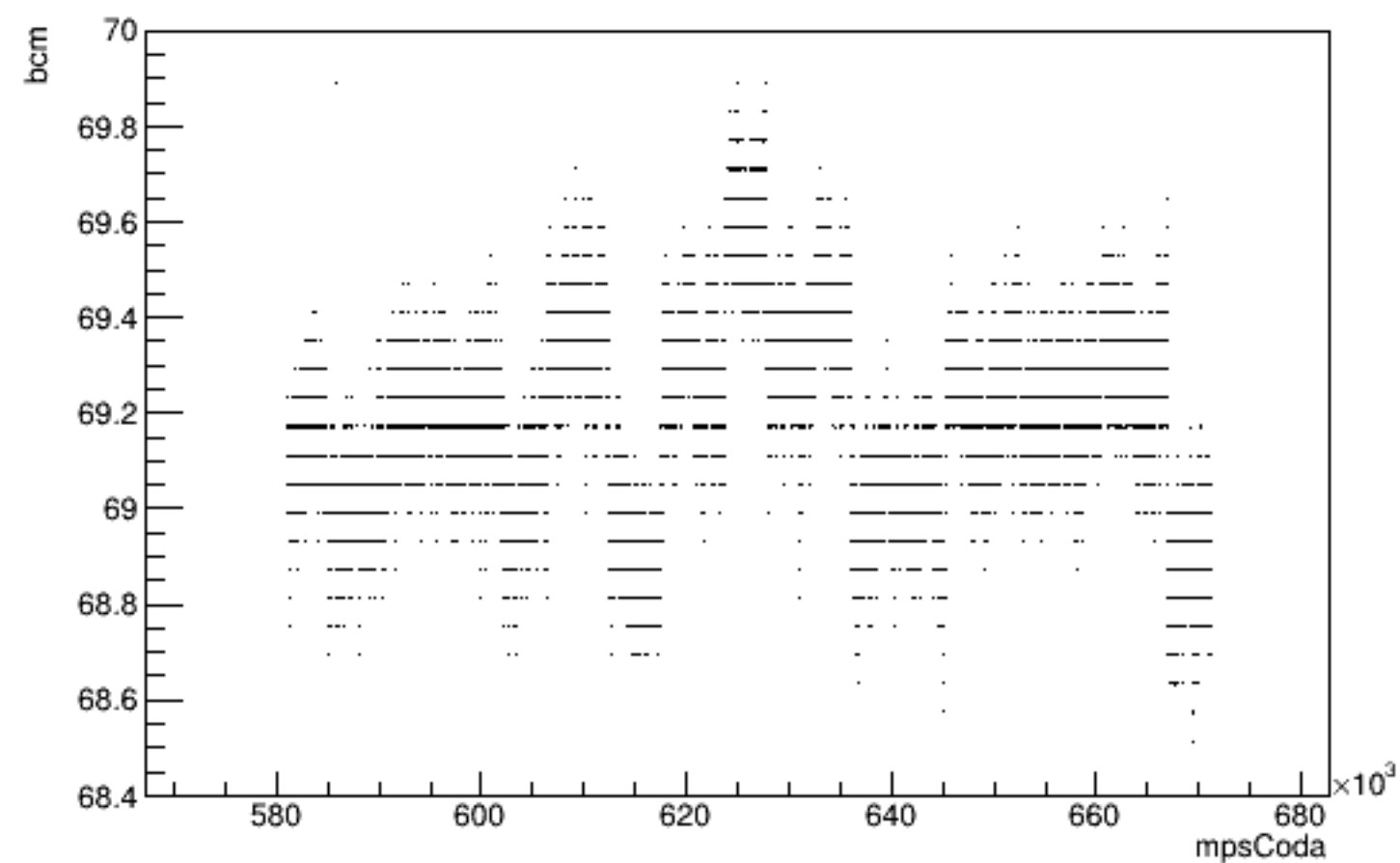
beamState + 1:mpsCoda {mpsCoda>=581119 && mpsCoda<=671246}



cavPowerCalibrated:mpsCoda {mpsCoda>=581119 && mpsCoda<=671246}



bcm:mpsCoda {mpsCoda>=581119 && mpsCoda<=671246}



Cycle 14, Diffs

Entries: 3079

Mean: -0.0057 +/- 0.0052

Std Dev: 0.2878 +/- 0.0037

Entries: 3674

Mean: -0.0748 +/- 0.0051

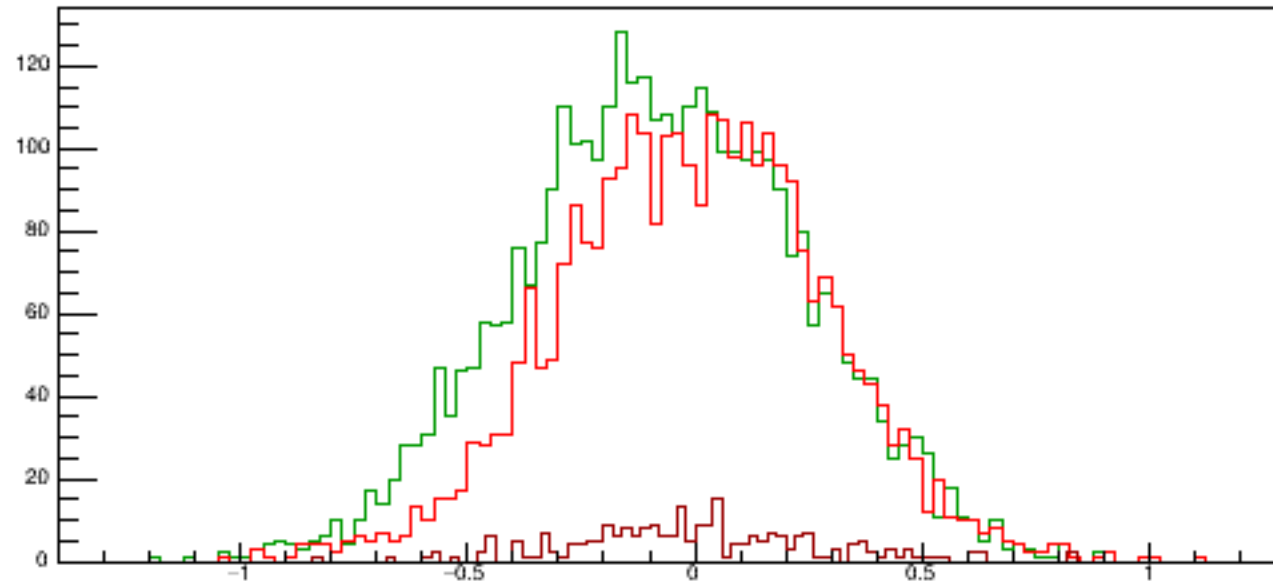
Std Dev: 0.3110 +/- 0.0036

Entries: 241

Mean: -0.0011 +/- 0.0173

Std Dev: 0.2682 +/- 0.0122

Run 4402 quartetwise, Diffs



Cycle 14, Sums

Entries: 3079

Mean: 14.9062 +/- 0.0077

Std Dev: 0.4282 +/- 0.0055

Entries: 3674

Mean: 19.5396 +/- 0.0104

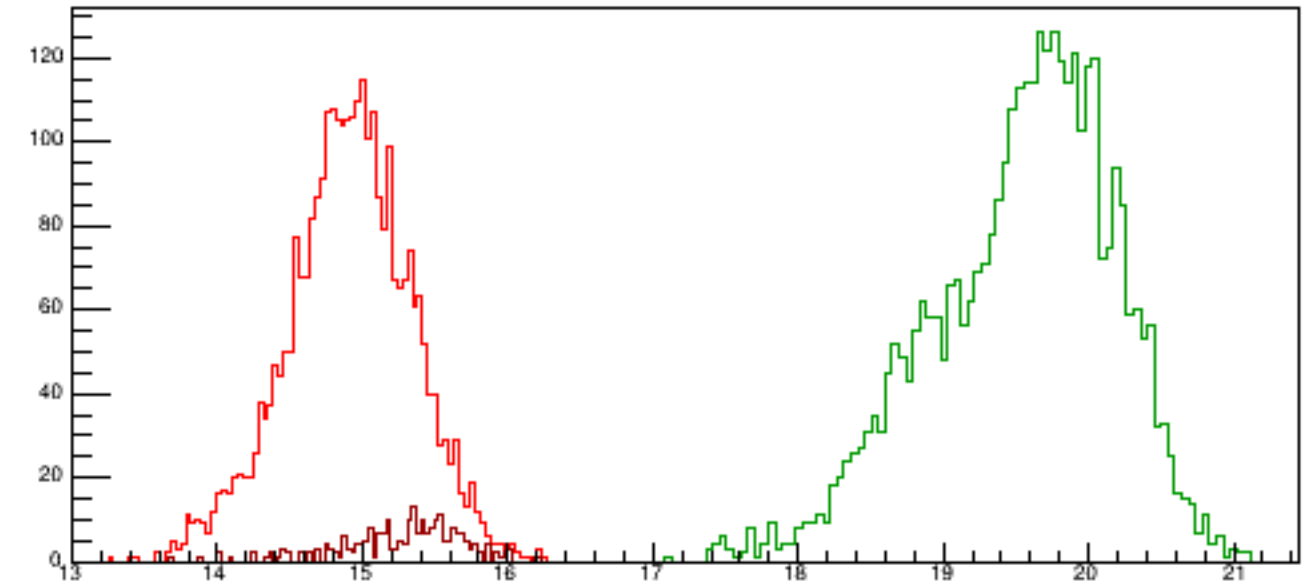
Std Dev: 0.6321 +/- 0.0074

Entries: 241

Mean: 15.2787 +/- 0.0272

Std Dev: 0.4218 +/- 0.0192

Run 4402 quartetwise, Sums



Cycle 14, Asyms

Entries: 3079

Mean: -0.0013 +/- 0.0012

Std Dev: 0.0647 +/- 0.0008

Entries: 3674

Mean: -0.0170 +/- 0.0012

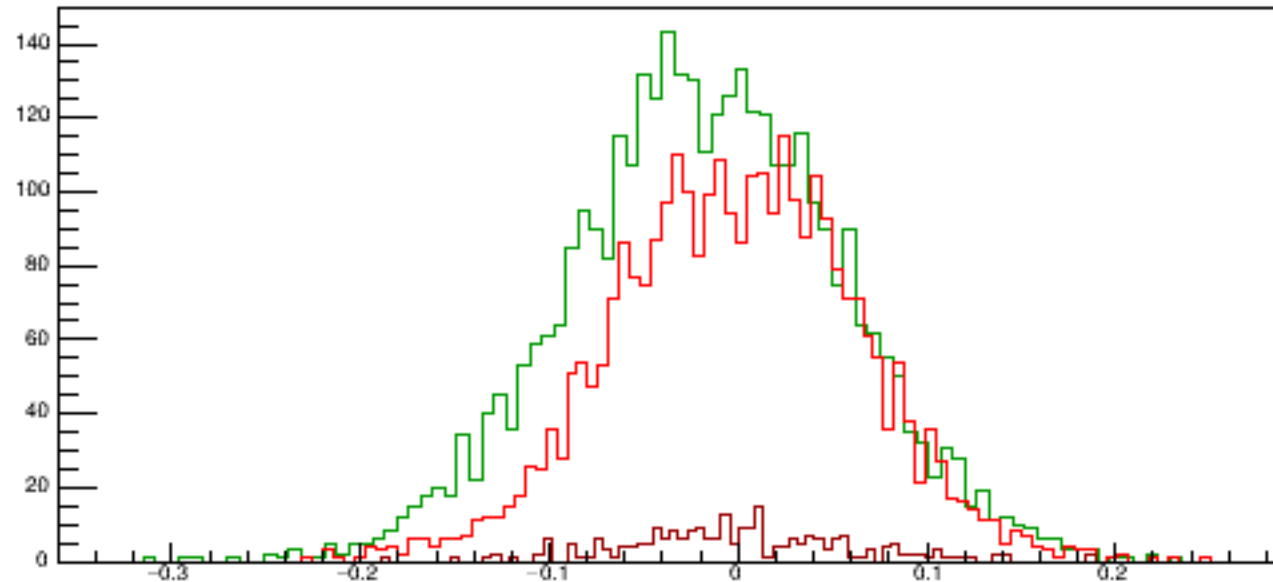
Std Dev: 0.0721 +/- 0.0008

Entries: 241

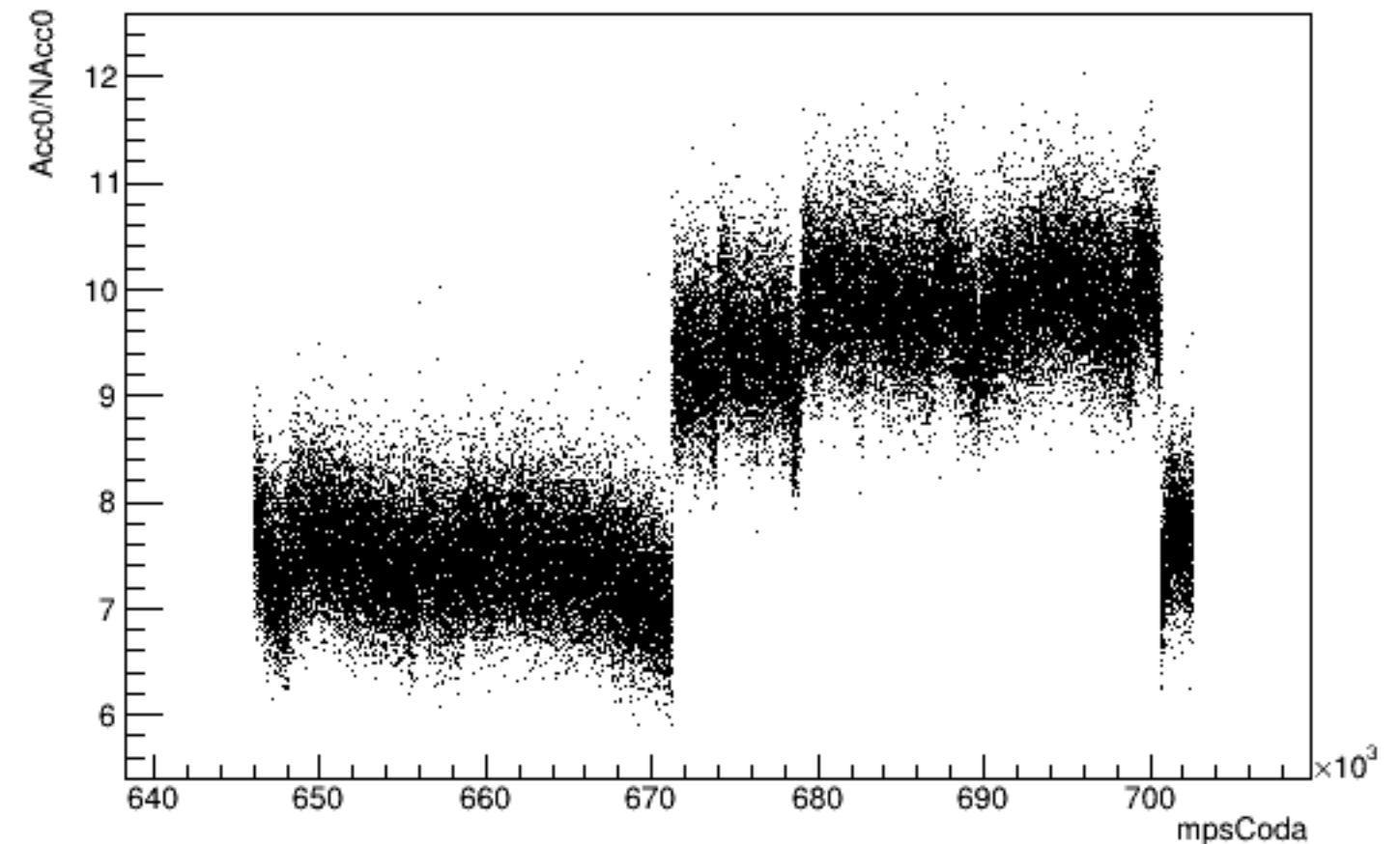
Mean: -0.0002 +/- 0.0039

Std Dev: 0.0603 +/- 0.0027

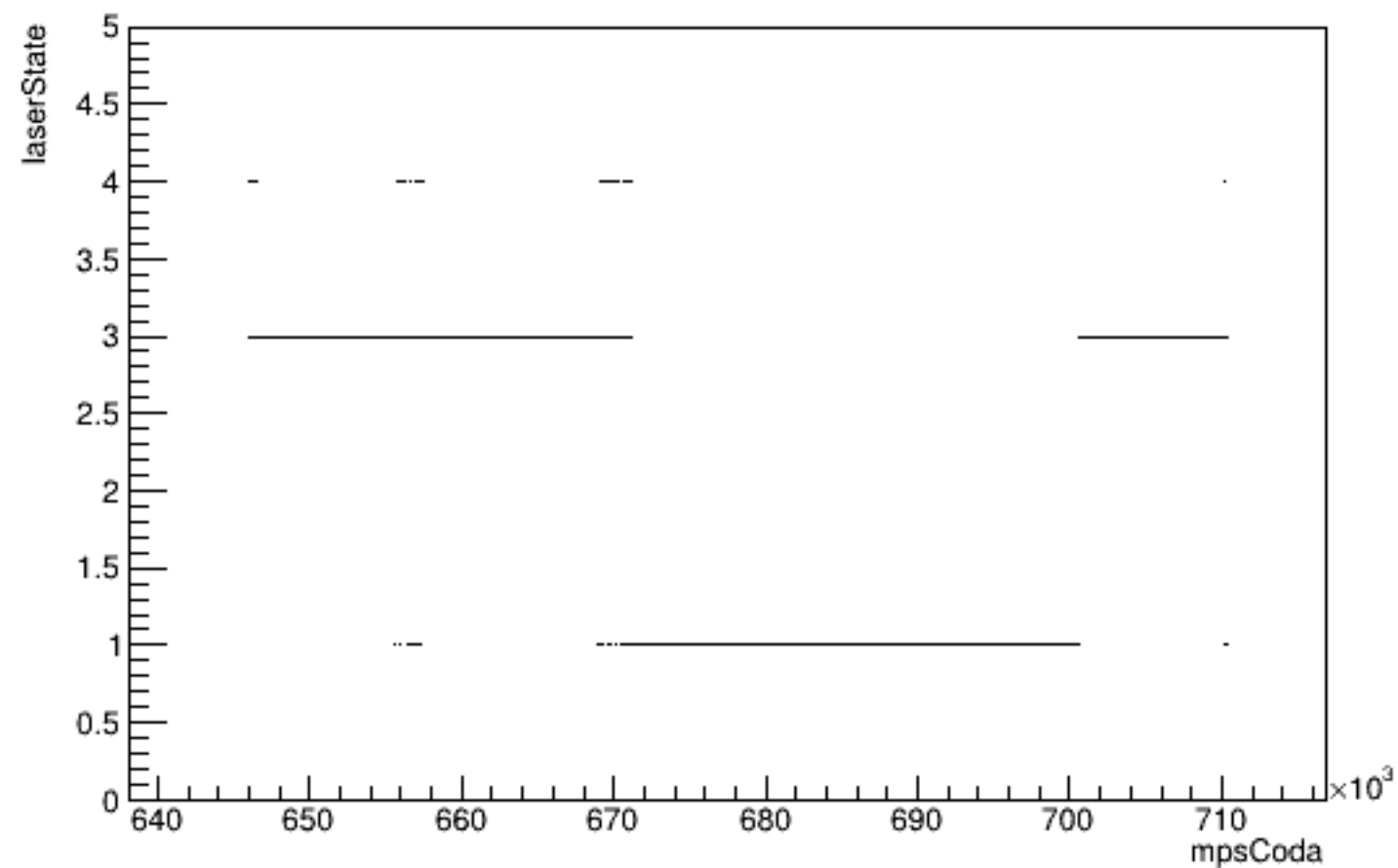
Run 4402 quartetwise, Asyms



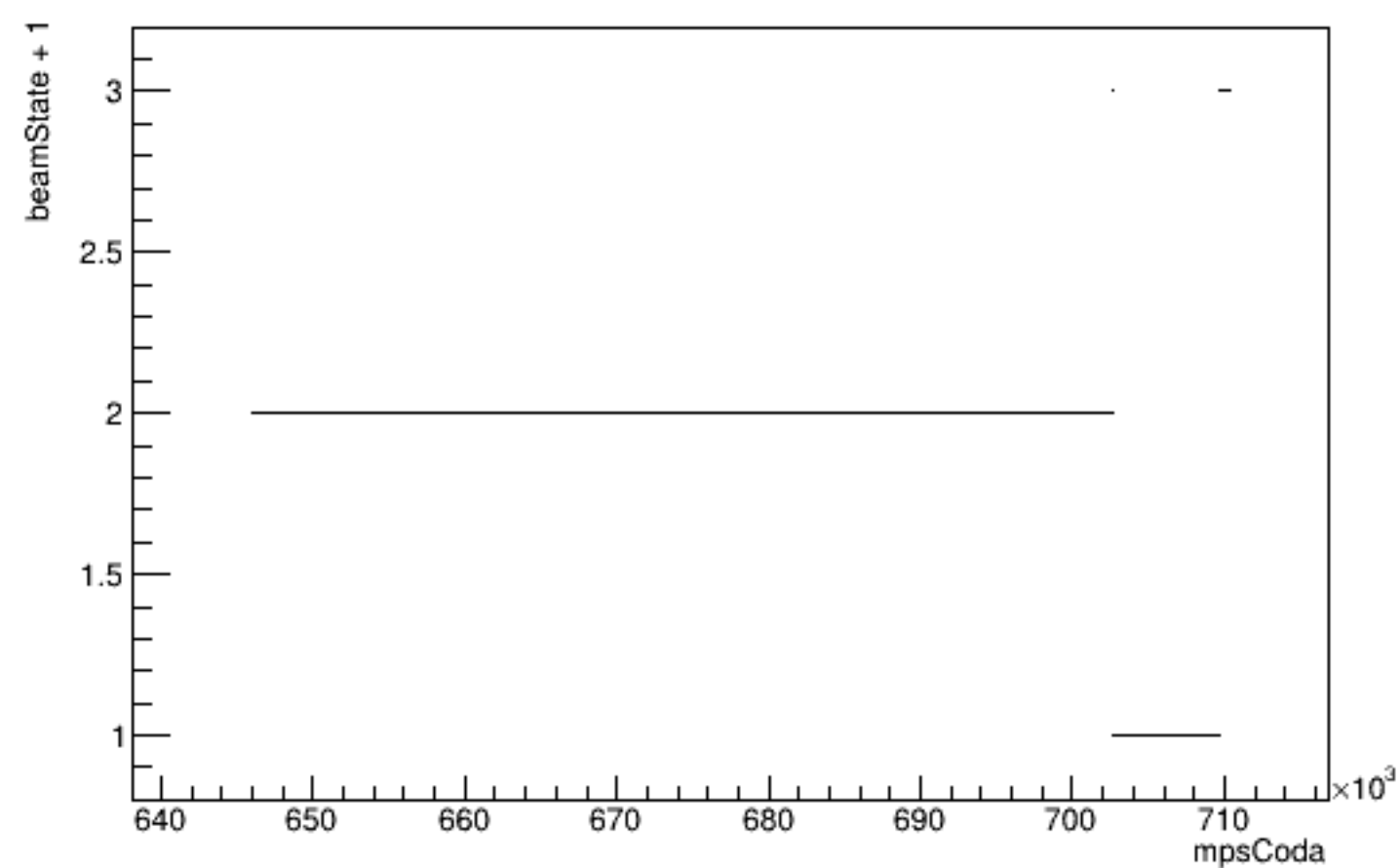
Acc0/NAcc0:mpsCoda {mpsCoda>=646047 && mpsCoda<=710334 && beamState==1}



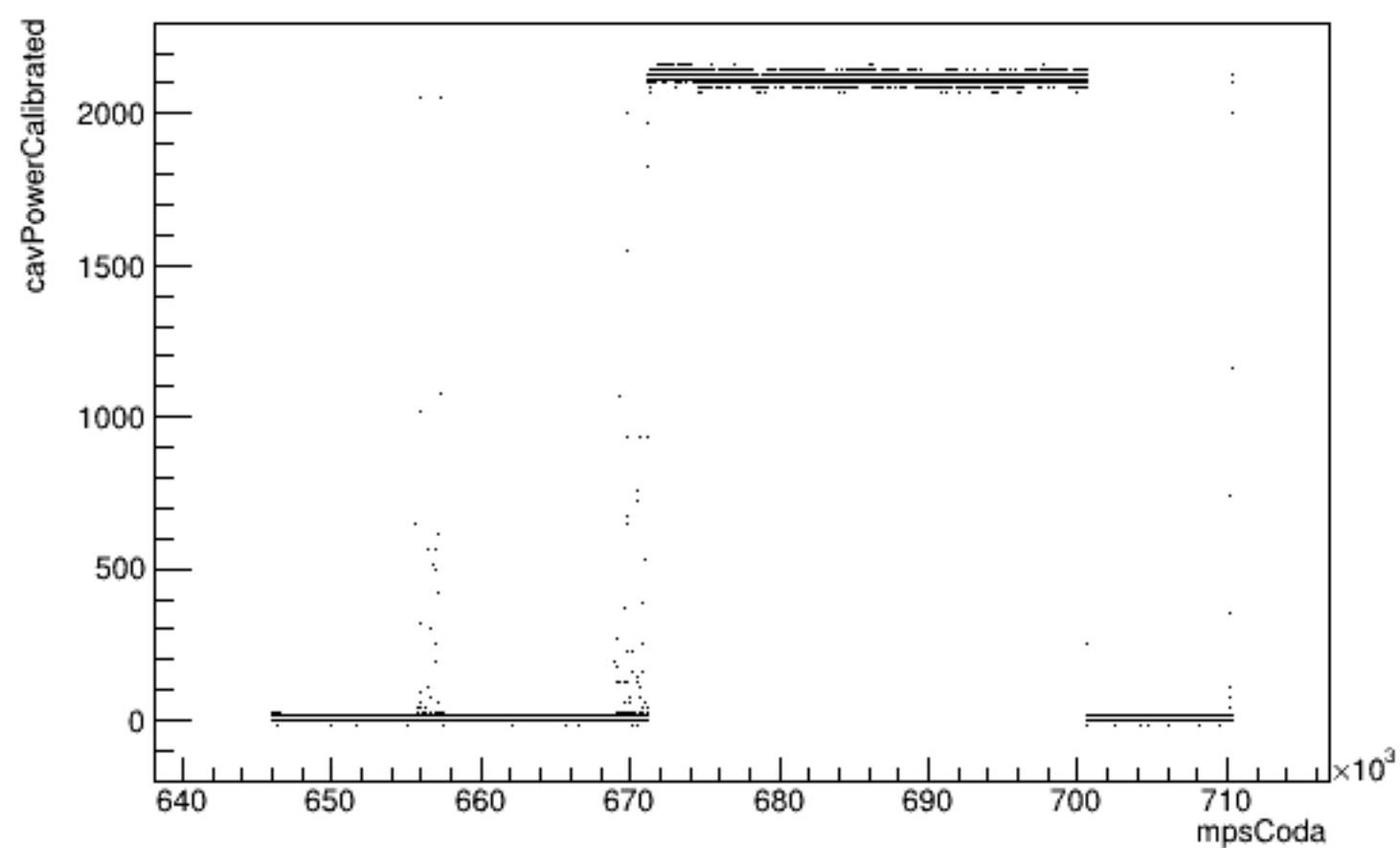
laserState:mpsCoda {mpsCoda>=646047 && mpsCoda<=710334}



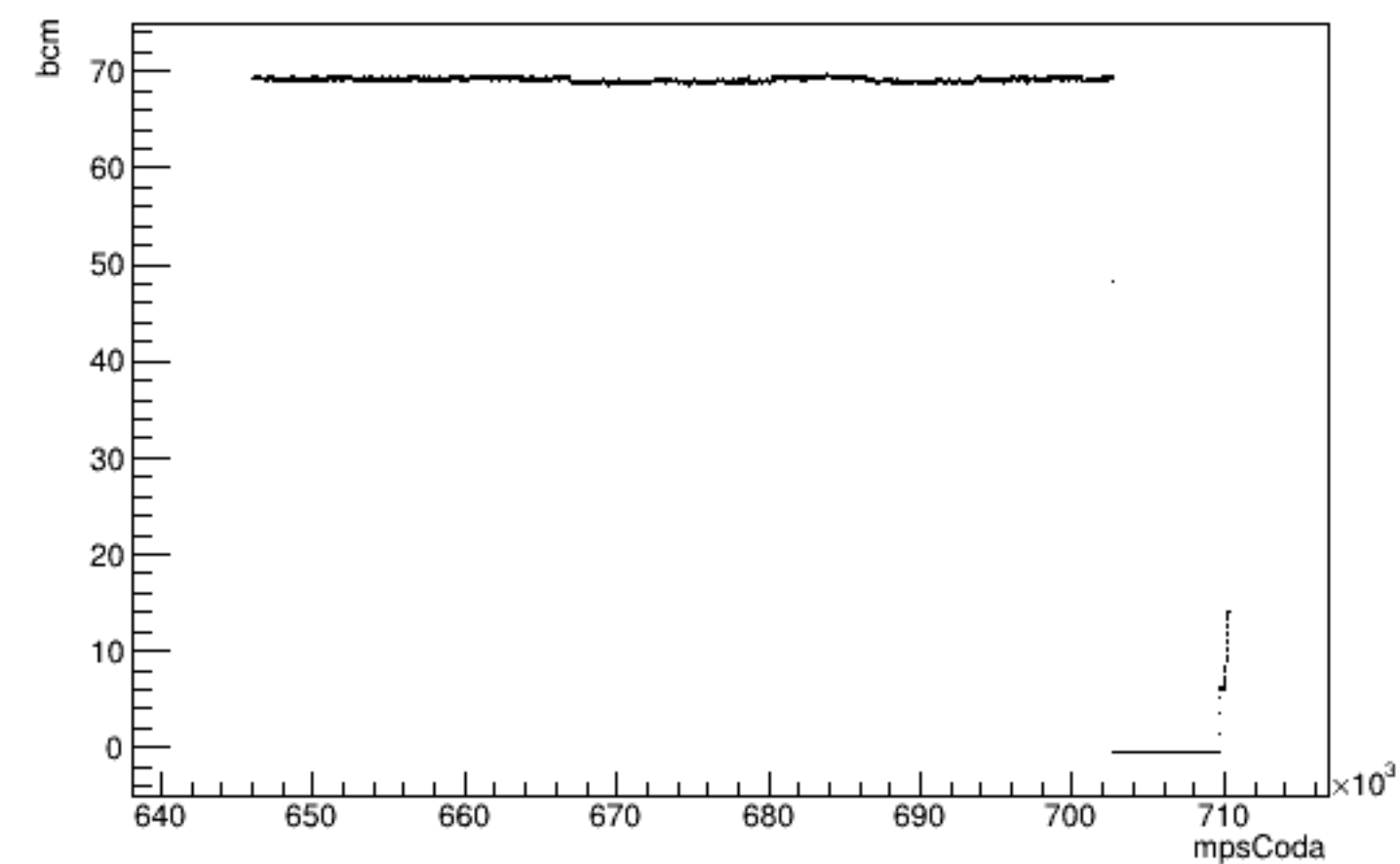
beamState + 1:mpsCoda {mpsCoda>=646047 && mpsCoda<=710334}



cavPowerCalibrated:mpsCoda {mpsCoda>=646047 && mpsCoda<=710334}



bcm:mpsCoda {mpsCoda>=646047 && mpsCoda<=710334}



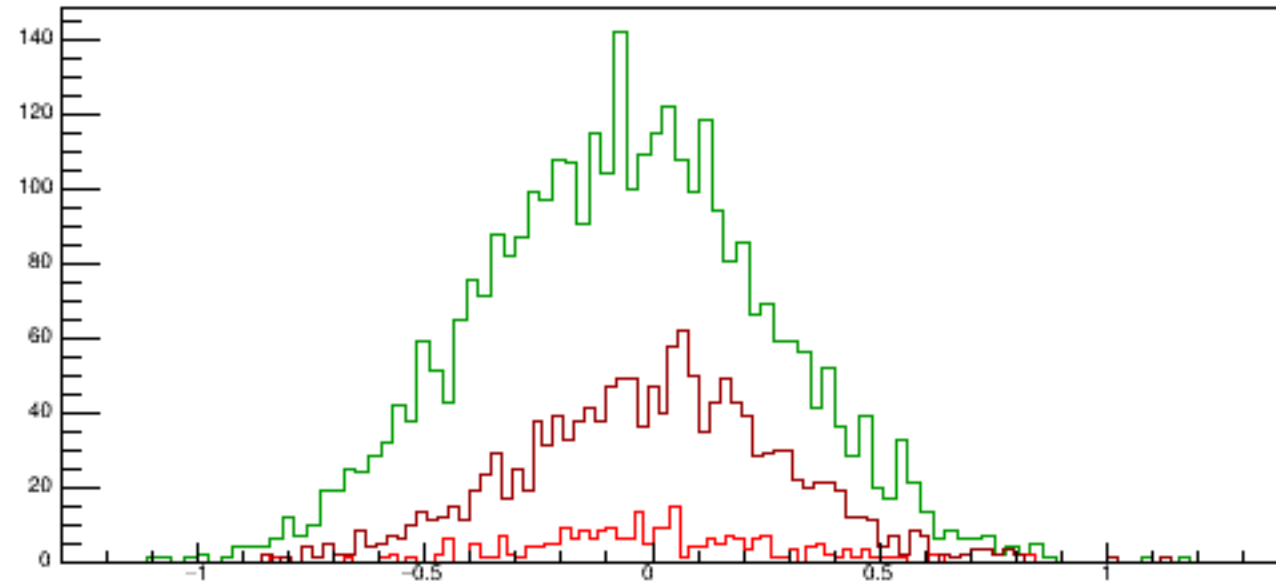
Cycle 15, Diffs

Entries: 241
Mean: -0.0011 +/- 0.0173
Std Dev: 0.2682 +/- 0.0122

Entries: 3456
Mean: -0.0655 +/- 0.0054
Std Dev: 0.3201 +/- 0.0039

Entries: 1459
Mean: -0.0025 +/- 0.0074
Std Dev: 0.2840 +/- 0.0053

Run 4402 quartetwise, Diffs



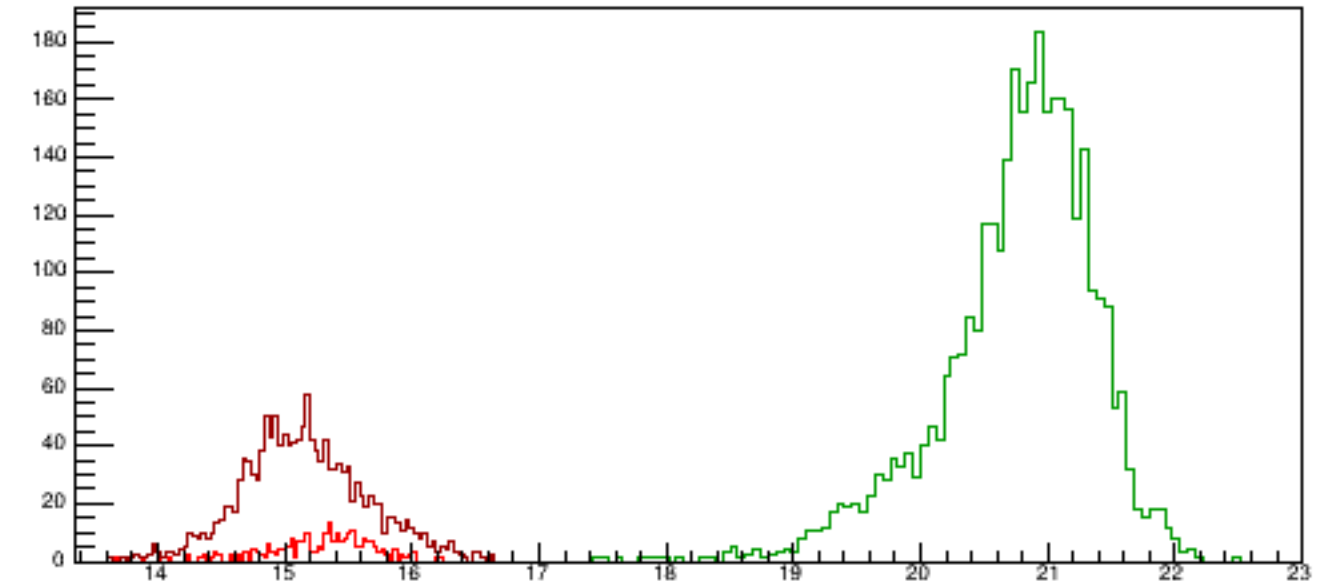
Cycle 15, Sums

Entries: 241
Mean: 15.2787 +/- 0.0272
Std Dev: 0.4218 +/- 0.0192

Entries: 3456
Mean: 20.7579 +/- 0.0104
Std Dev: 0.6106 +/- 0.0073

Entries: 1459
Mean: 15.1558 +/- 0.0128
Std Dev: 0.4876 +/- 0.0090

Run 4402 quartetwise, Sums



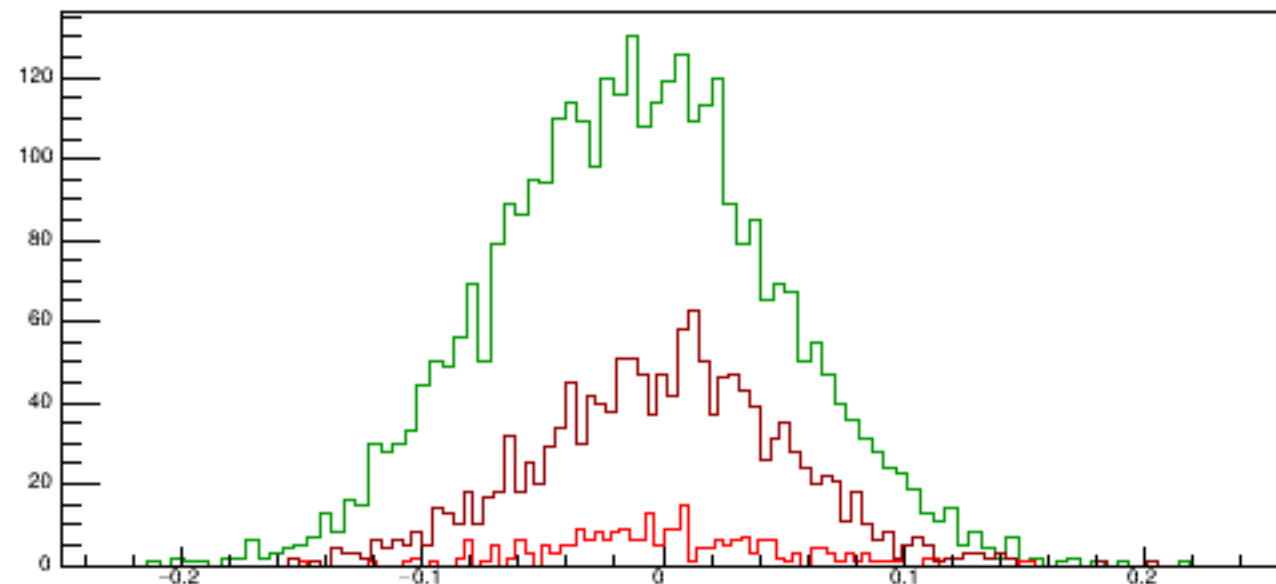
Cycle 15, Asyms

Entries: 241
Mean: -0.0002 +/- 0.0031
Std Dev: 0.0484 +/- 0.0022

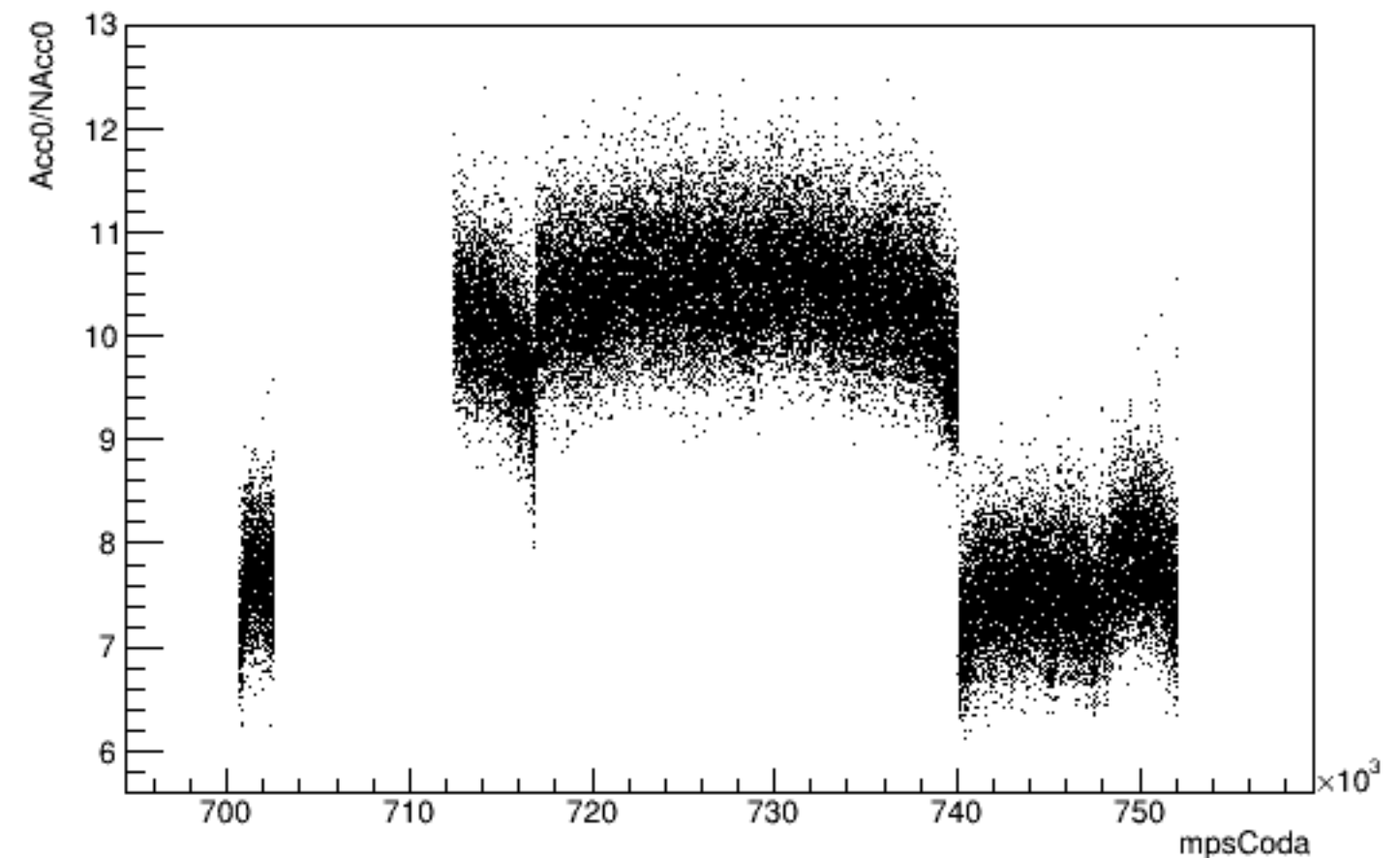
Entries: 3456
Mean: -0.0118 +/- 0.0010
Std Dev: 0.0585 +/- 0.0007

Entries: 1459
Mean: -0.0005 +/- 0.0013
Std Dev: 0.0513 +/- 0.0009

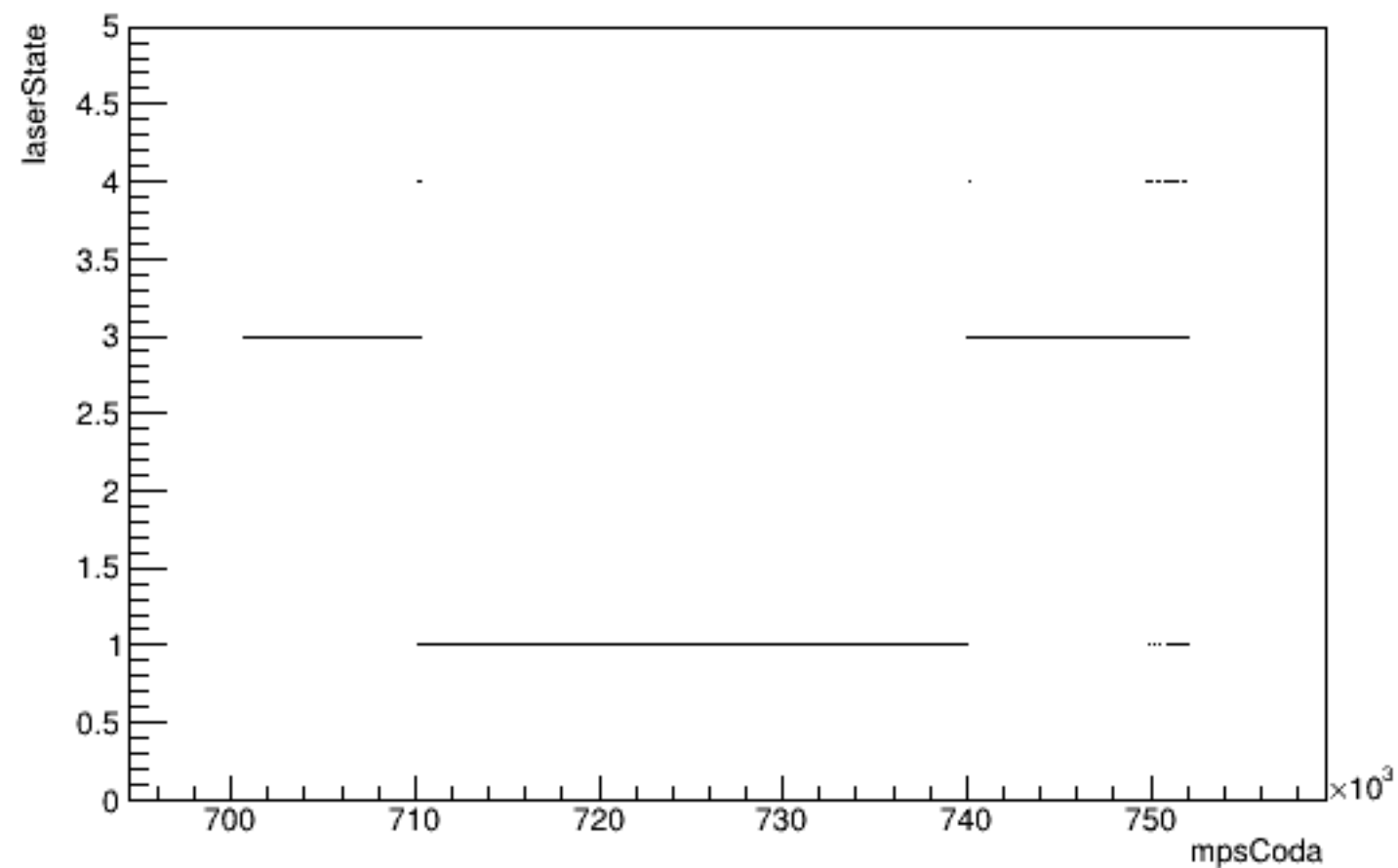
Run 4402 quartetwise, Asyms



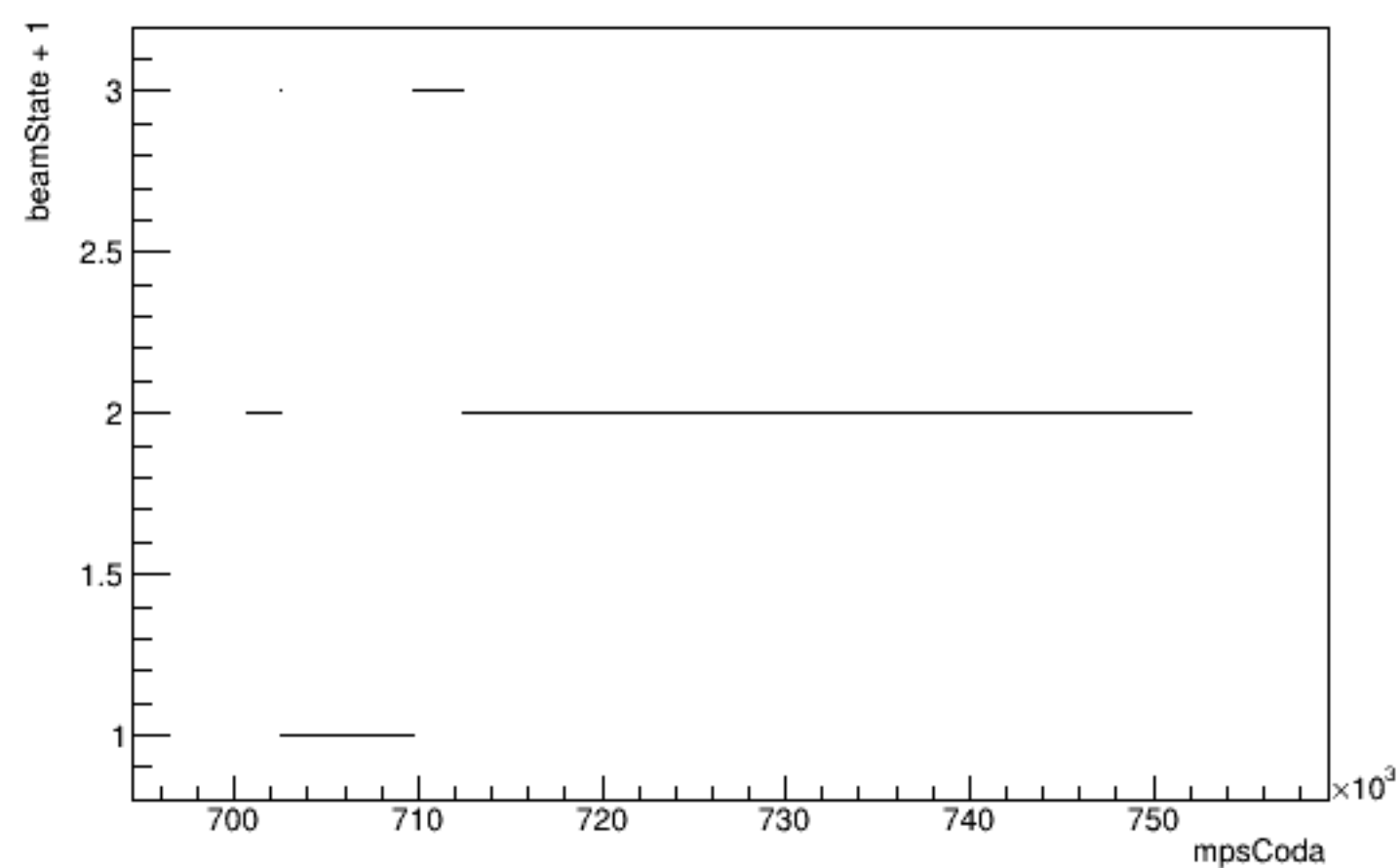
Acc0/NAcc0:mpsCoda {mpsCoda>=700647 && mpsCoda<=752102 && beamState==1}



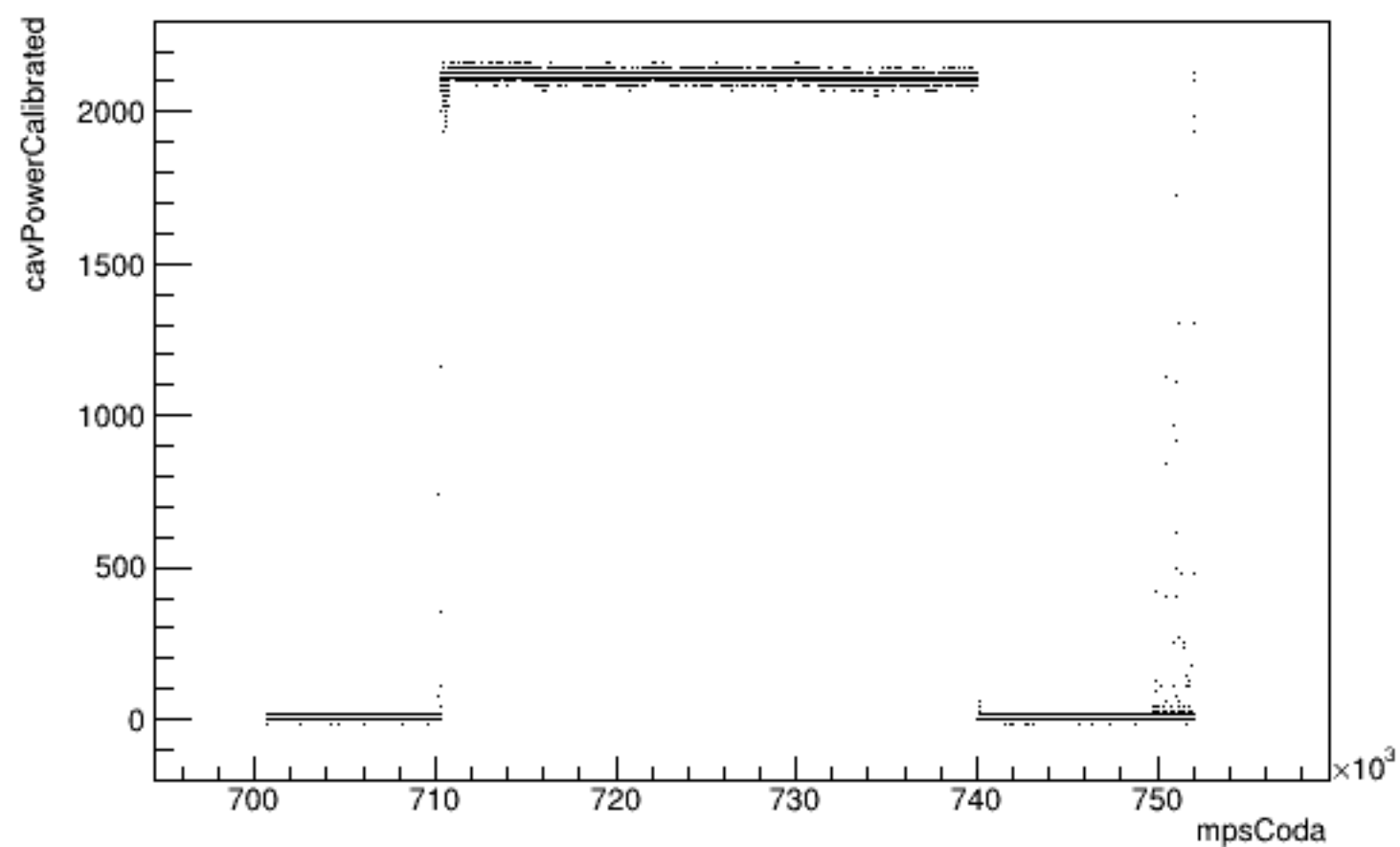
laserState:mpsCoda {mpsCoda>=700647 && mpsCoda<=752102}



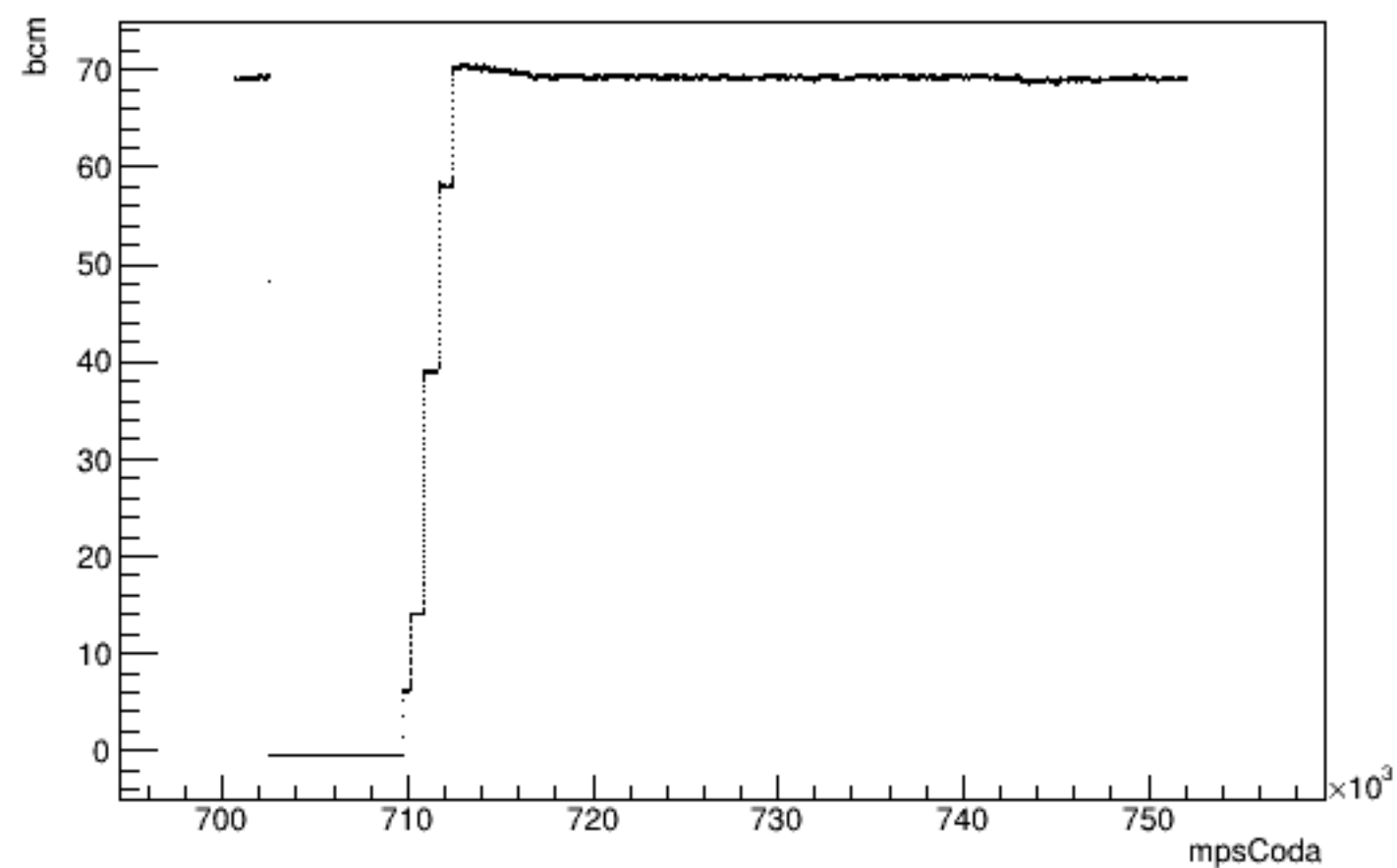
beamState + 1:mpsCoda {mpsCoda>=700647 && mpsCoda<=752102}



cavPowerCalibrated:mpsCoda {mpsCoda>=700647 && mpsCoda<=752102}



bcm:mpsCoda {mpsCoda>=700647 && mpsCoda<=752102}



Cycle 16, Diffs

Entries: 1459

Mean: -0.0025 +/- 0.0074

Std Dev: 0.2840 +/- 0.0053

Entries: 3734

Mean: -0.0670 +/- 0.0053

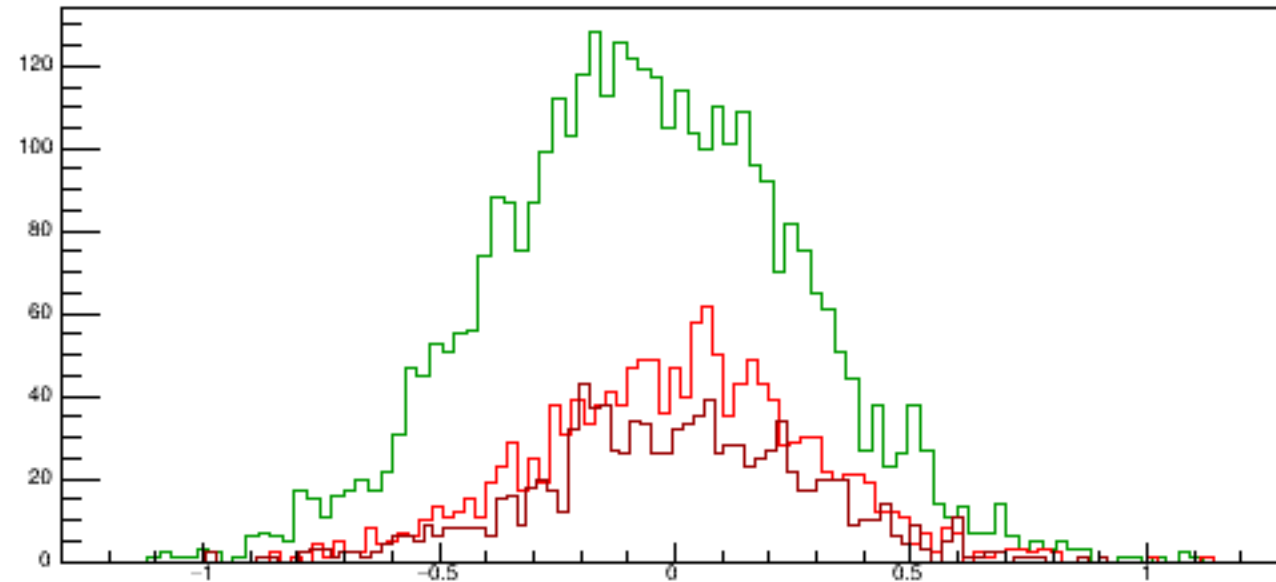
Std Dev: 0.3217 +/- 0.0037

Entries: 1061

Mean: -0.0059 +/- 0.0088

Std Dev: 0.2863 +/- 0.0062

Run 4402 quartetwise, Diffs



Cycle 16, Sums

Entries: 1459

Mean: 15.1558 +/- 0.0128

Std Dev: 0.4876 +/- 0.0090

Entries: 3734

Mean: 19.9445 +/- 0.0107

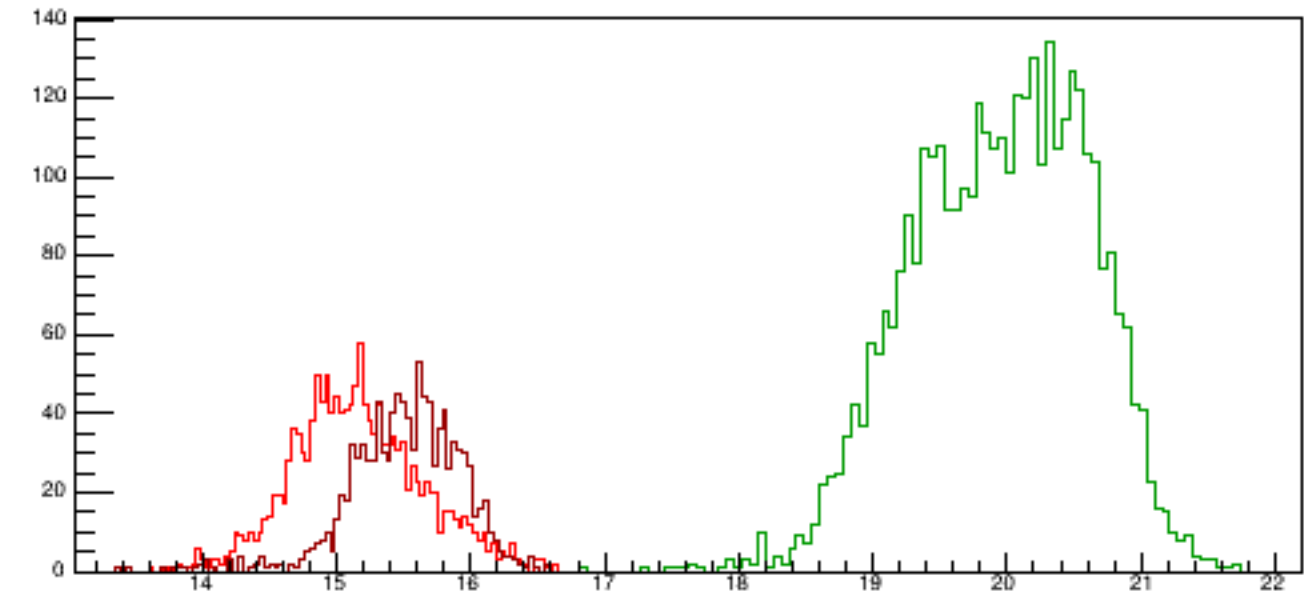
Std Dev: 0.6540 +/- 0.0076

Entries: 1061

Mean: 15.5138 +/- 0.0129

Std Dev: 0.4204 +/- 0.0091

Run 4402 quartetwise, Sums



Cycle 16, Asyms

Entries: 1459

Mean: -0.0005 +/- 0.0016

Std Dev: 0.0616 +/- 0.0011

Entries: 3734

Mean: -0.0148 +/- 0.0012

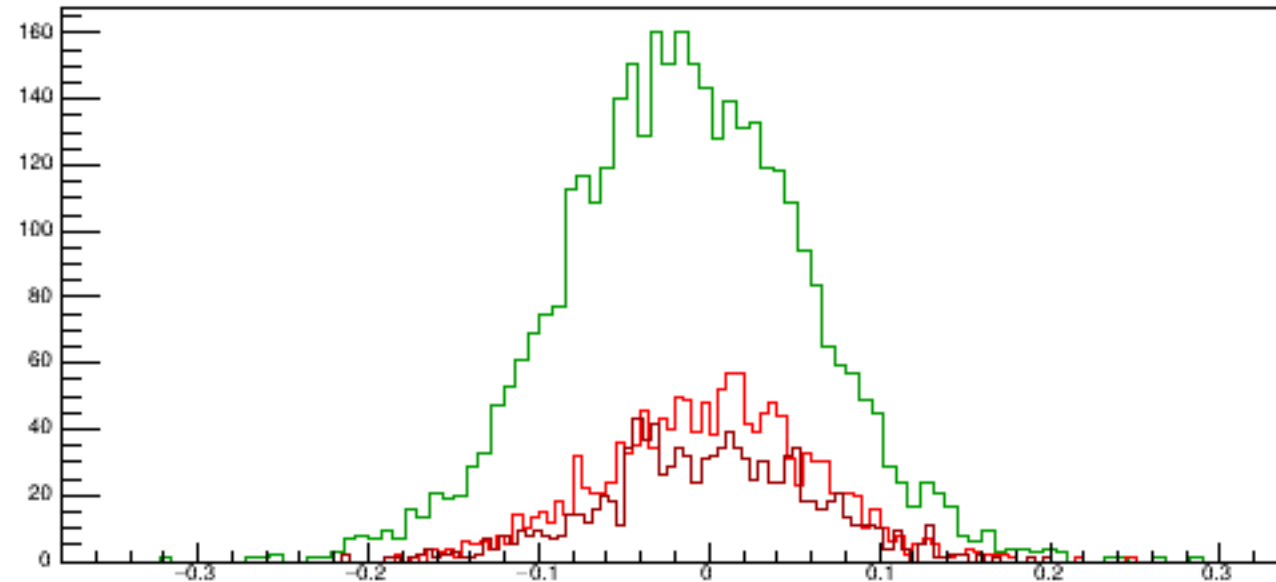
Std Dev: 0.0717 +/- 0.0008

Entries: 1061

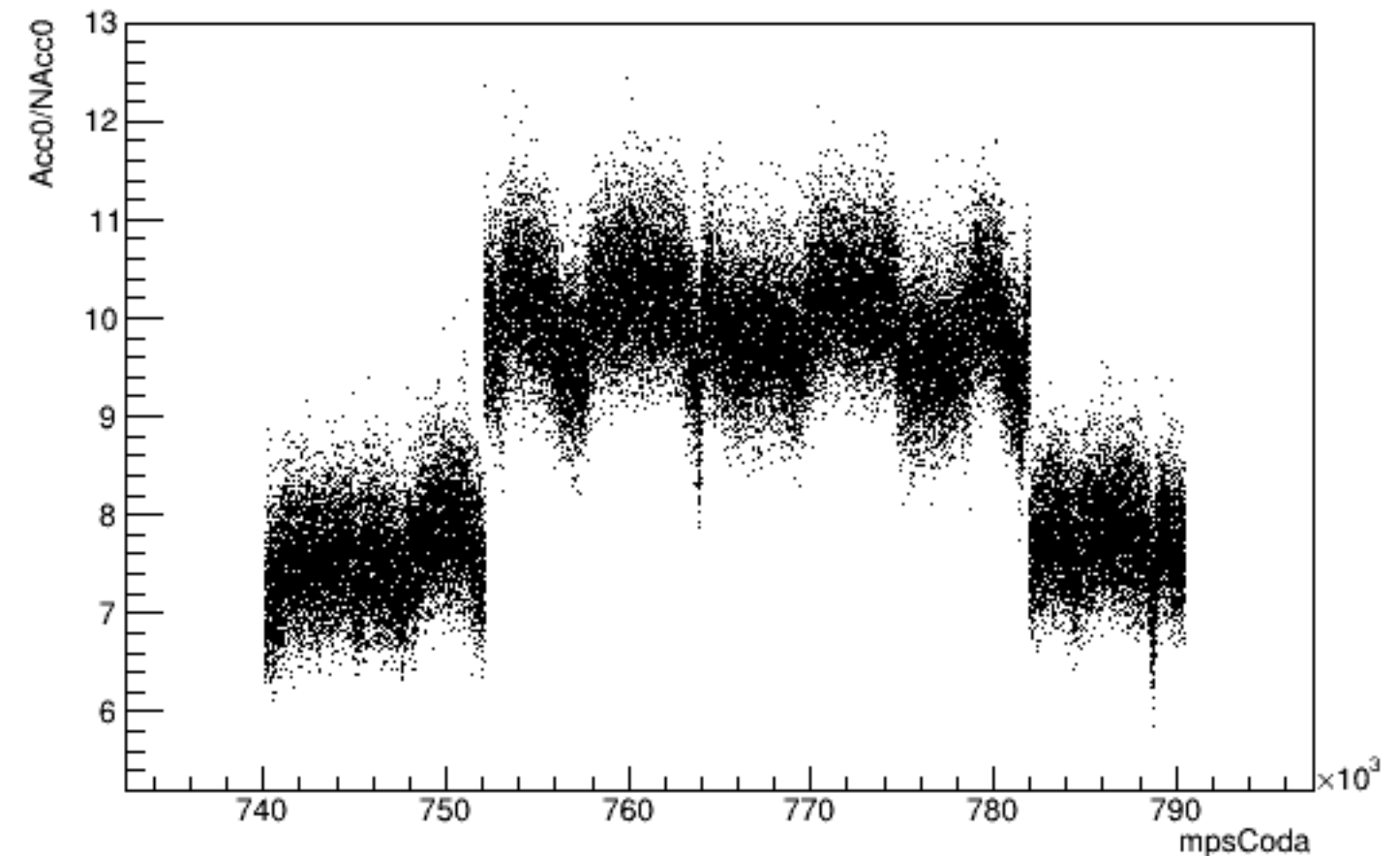
Mean: -0.0013 +/- 0.0019

Std Dev: 0.0621 +/- 0.0013

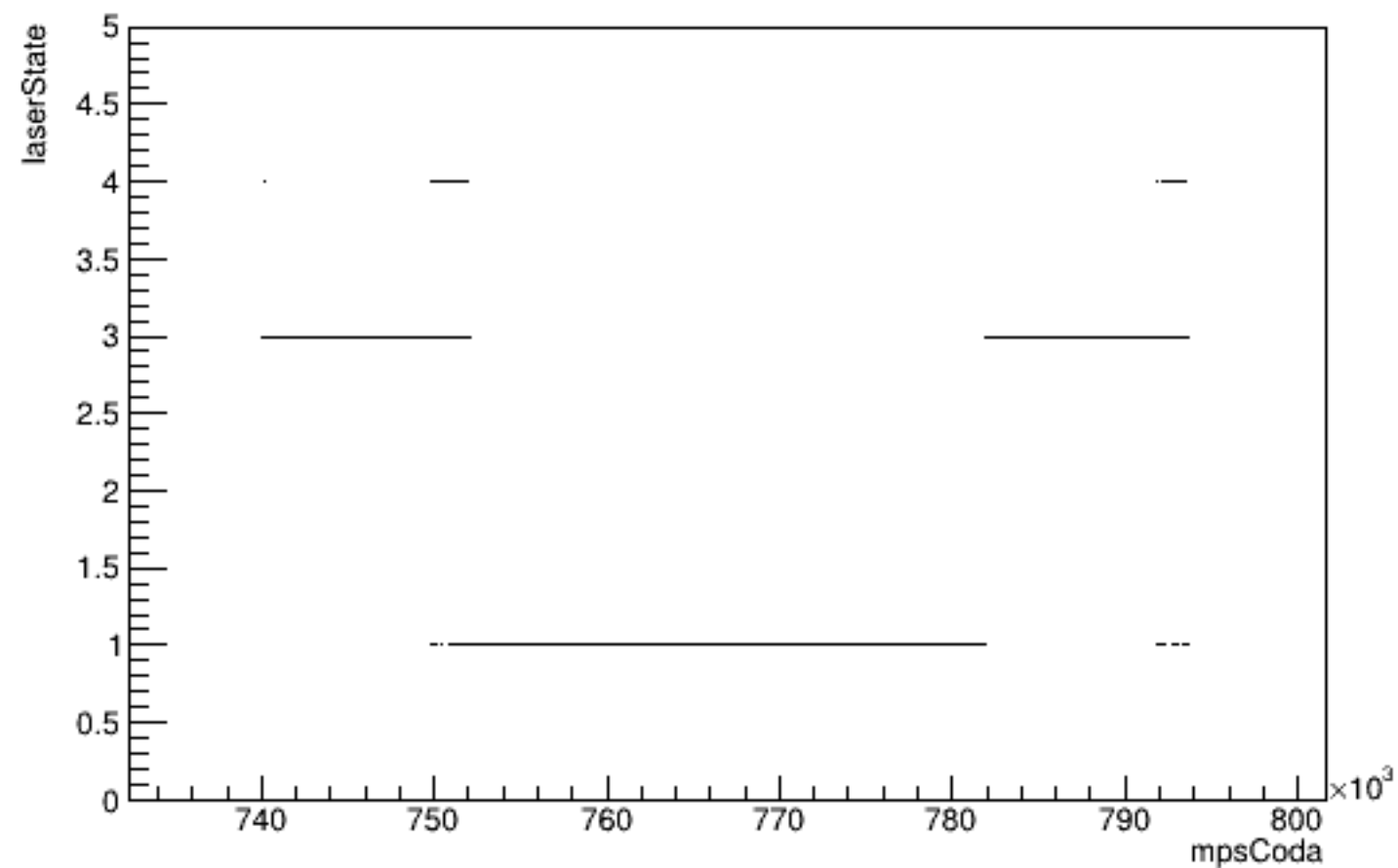
Run 4402 quartetwise, Asyms



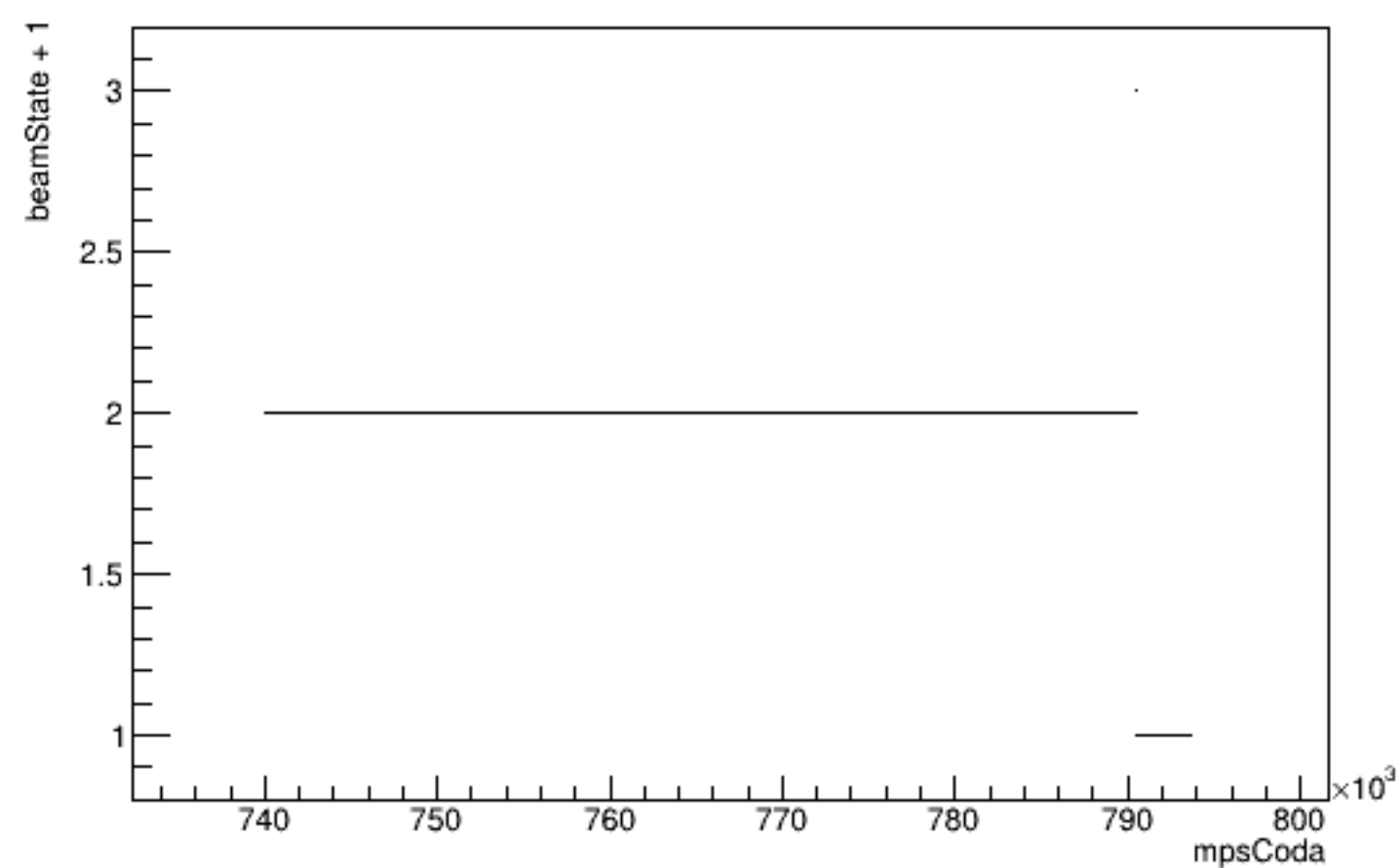
Acc0/NAcc0:mpsCoda {mpsCoda>=740087 && mpsCoda<=793670 && beamState==1}



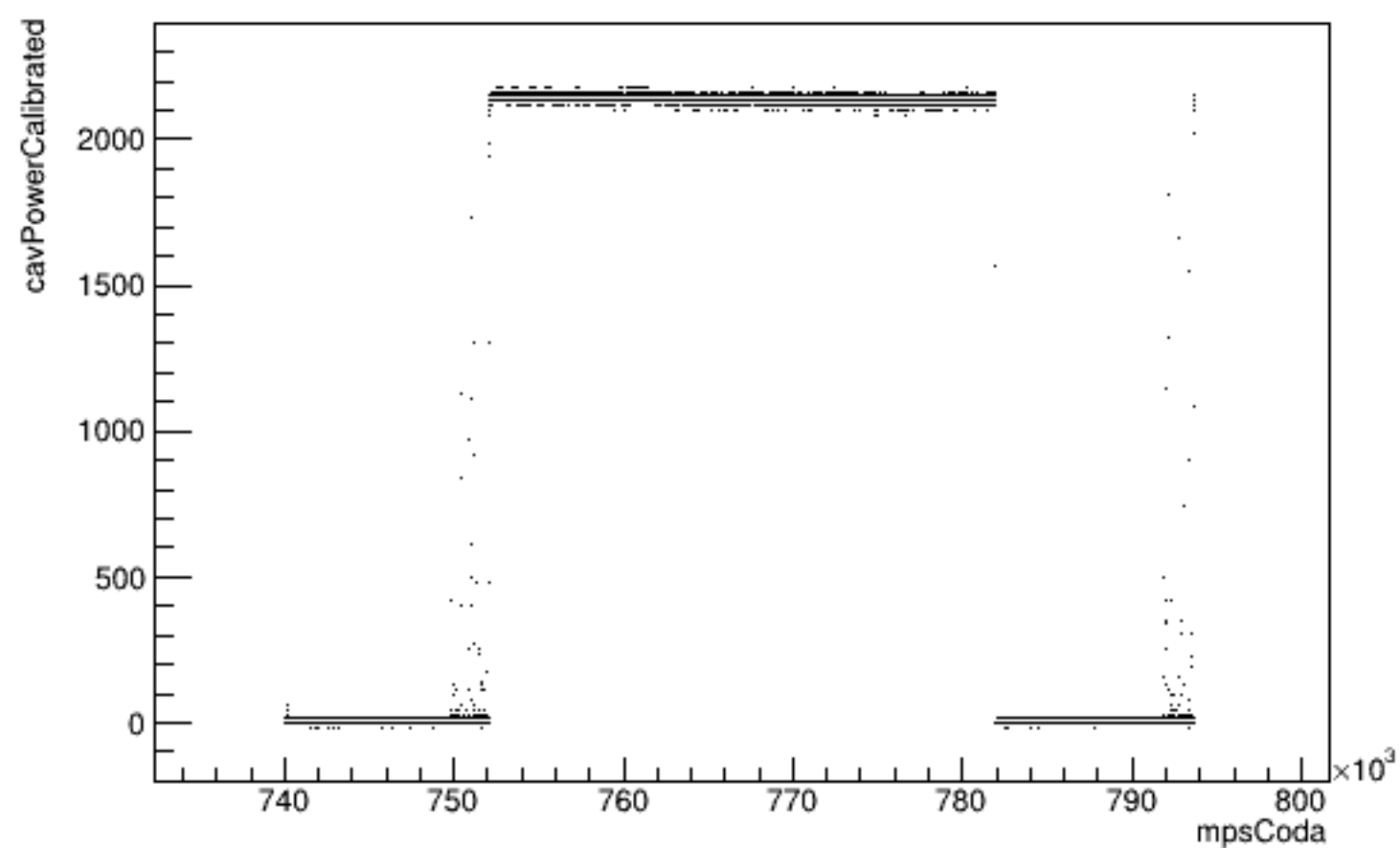
laserState:mpsCoda {mpsCoda>=740087 && mpsCoda<=793670}



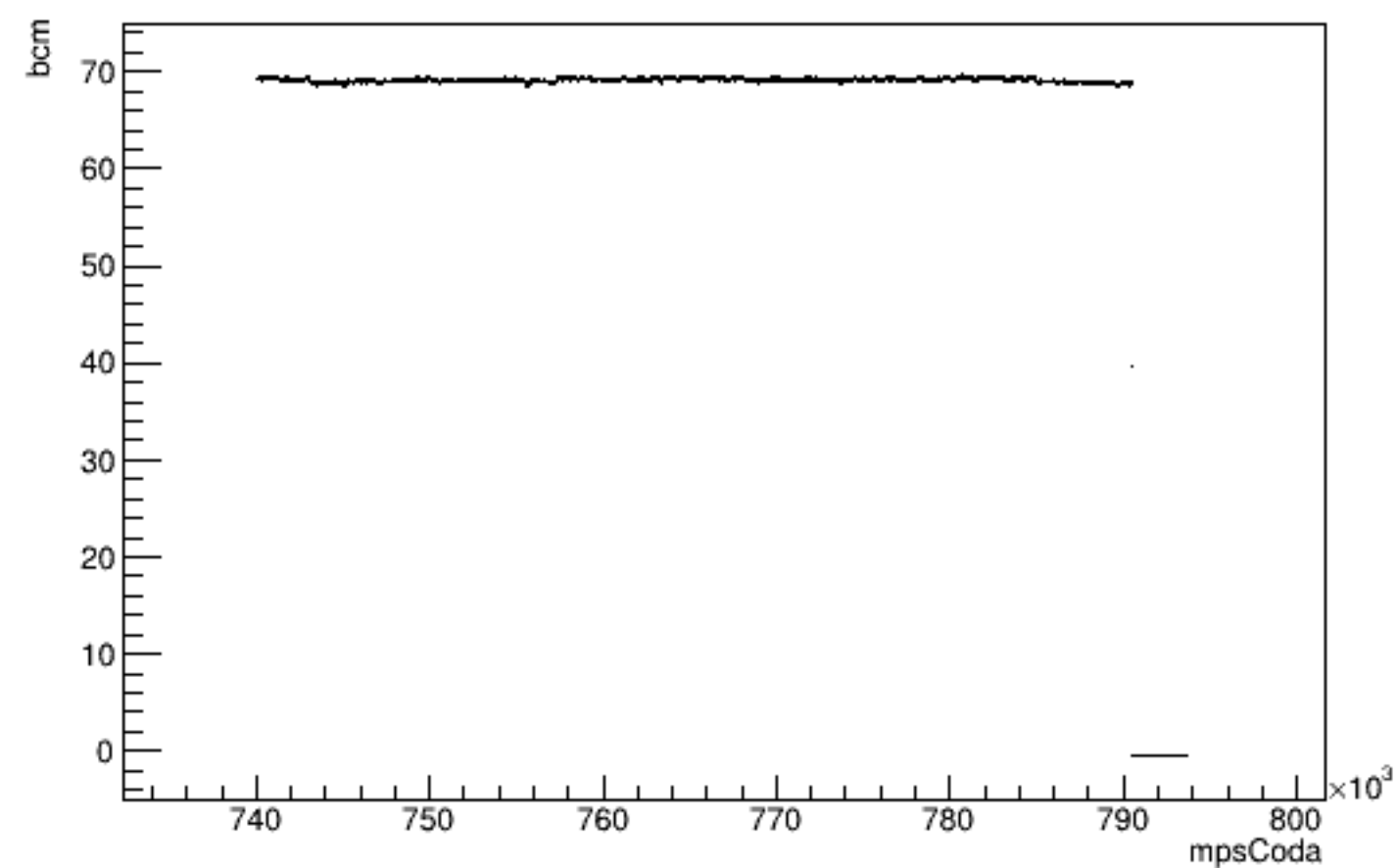
beamState + 1:mpsCoda {mpsCoda>=740087 && mpsCoda<=793670}



cavPowerCalibrated:mpsCoda {mpsCoda>=740087 && mpsCoda<=793670}



bcm:mpsCoda {mpsCoda>=740087 && mpsCoda<=793670}



Cycle 17, Diffs

Entries: 1061

Mean: -0.0059 +/- 0.0088

Std Dev: 0.2863 +/- 0.0062

Entries: 832

Mean: -0.0657 +/- 0.0107

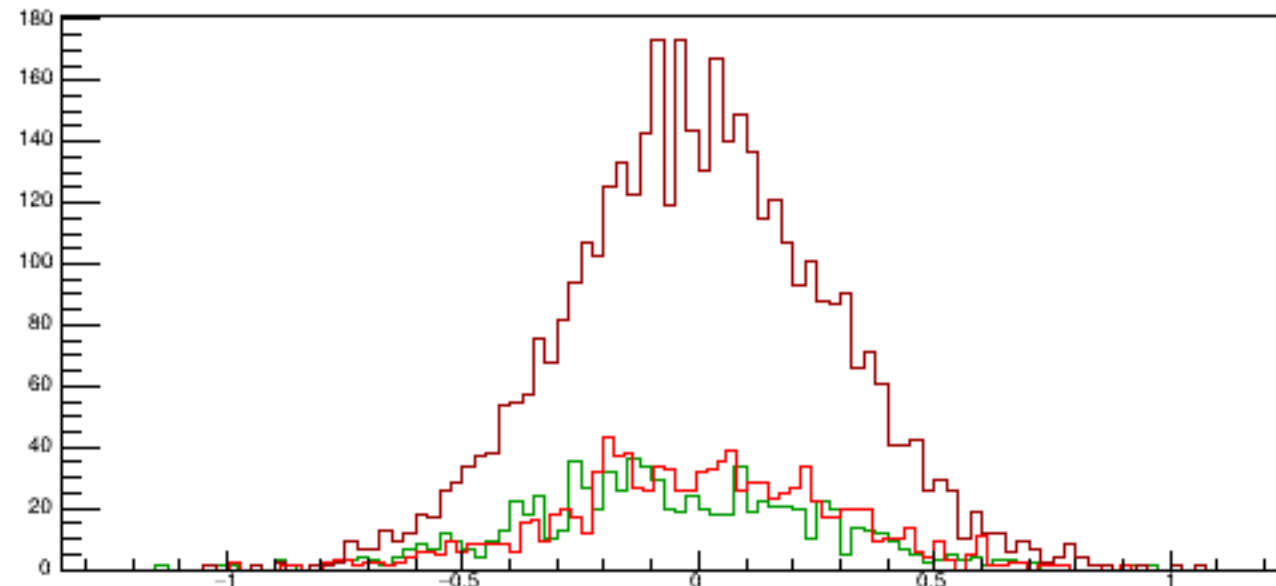
Std Dev: 0.3100 +/- 0.0076

Entries: 4119

Mean: -0.0013 +/- 0.0043

Std Dev: 0.2787 +/- 0.0031

Run 4402 quartetwise, Diffs



Cycle 17, Sums

Entries: 1061

Mean: 15.5138 +/- 0.0129

Std Dev: 0.4204 +/- 0.0091

Entries: 832

Mean: 18.9479 +/- 0.0168

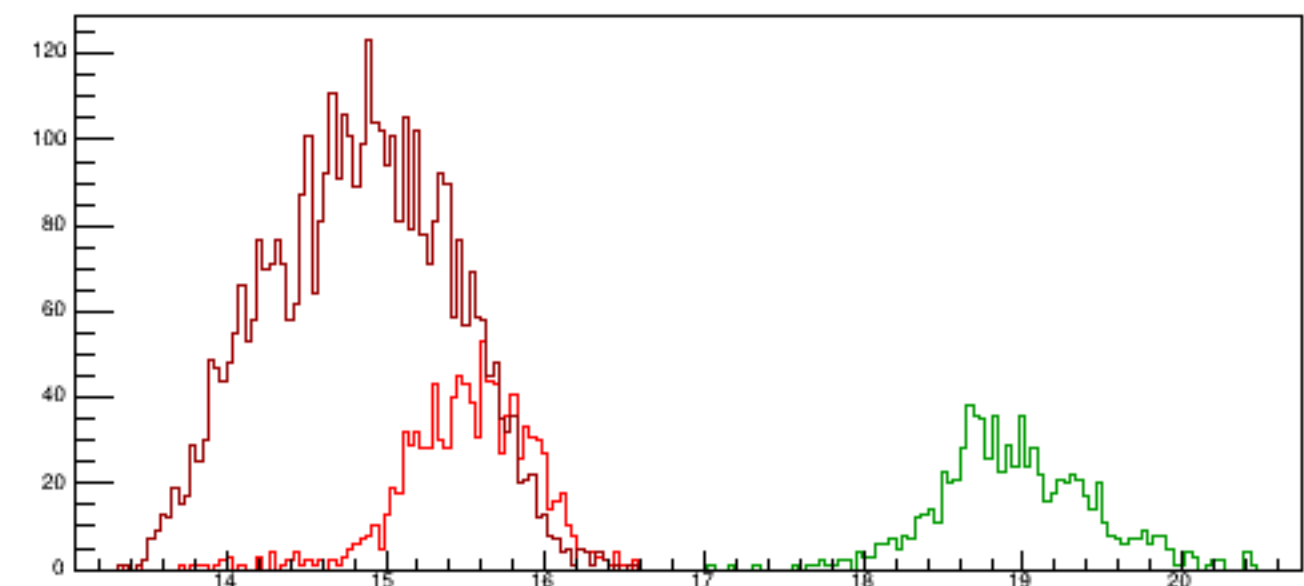
Std Dev: 0.4841 +/- 0.0119

Entries: 4119

Mean: 14.8388 +/- 0.0088

Std Dev: 0.5664 +/- 0.0062

Run 4402 quartetwise, Sums



Cycle 17, Asyms

Entries: 1061

Mean: -0.0016 +/- 0.0023

Std Dev: 0.0759 +/- 0.0016

Entries: 832

Mean: -0.0170 +/- 0.0029

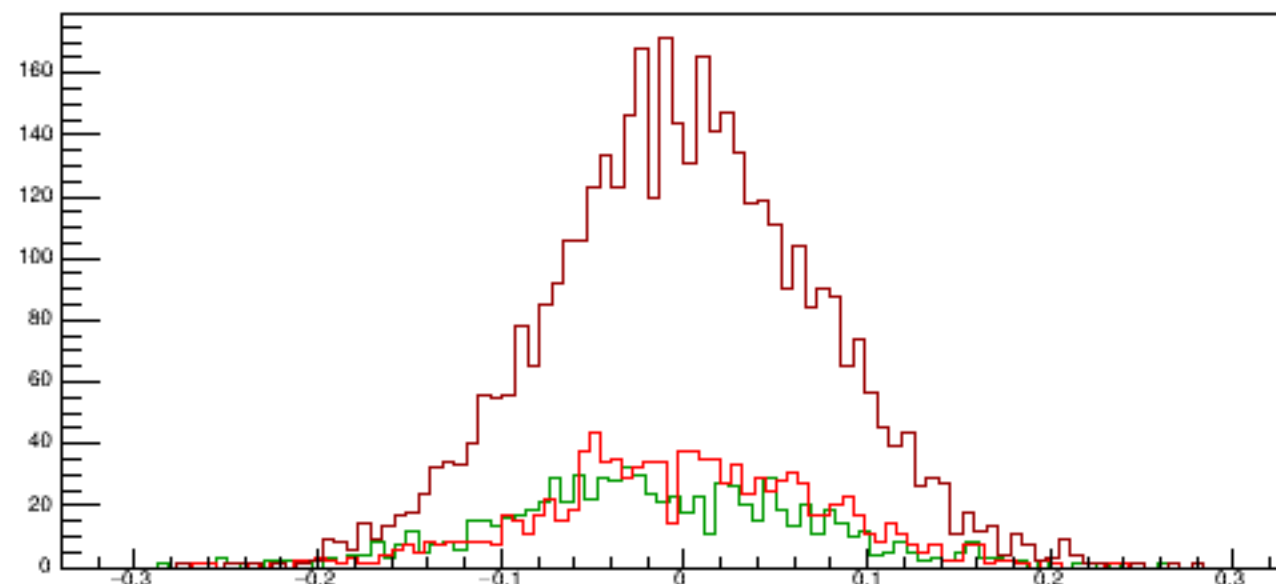
Std Dev: 0.0841 +/- 0.0021

Entries: 4119

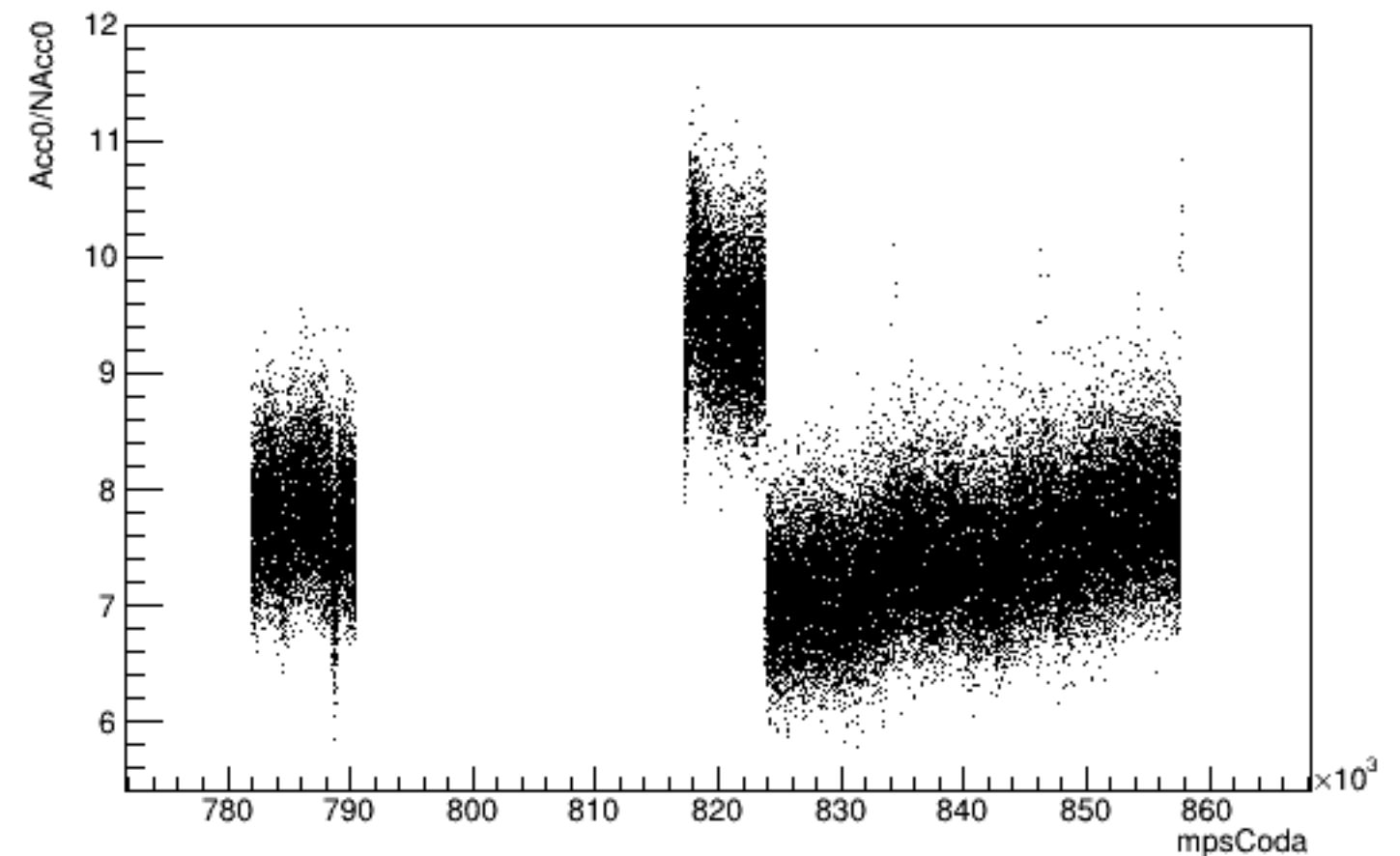
Mean: -0.0003 +/- 0.0012

Std Dev: 0.0739 +/- 0.0008

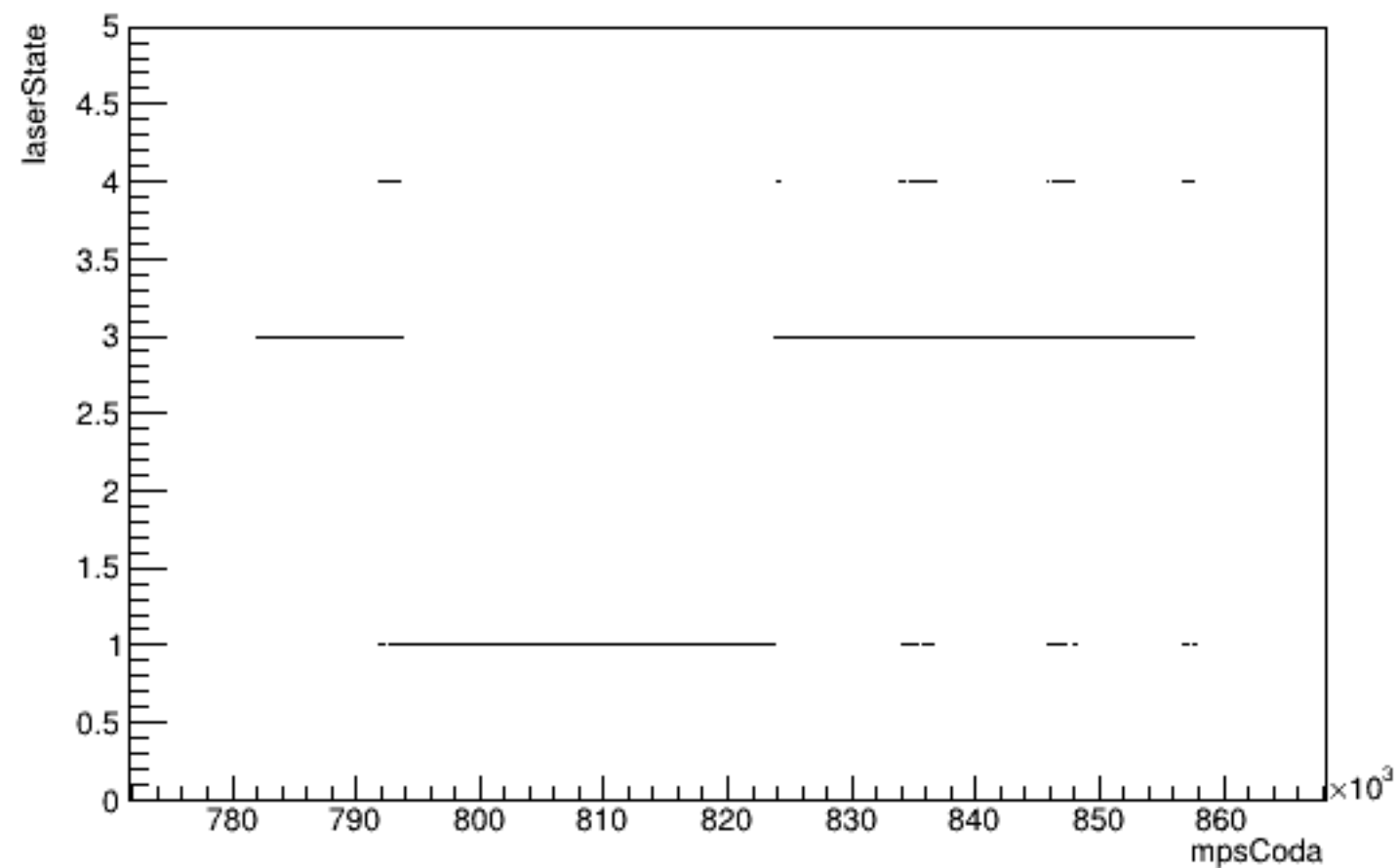
Run 4402 quartetwise, Asyms



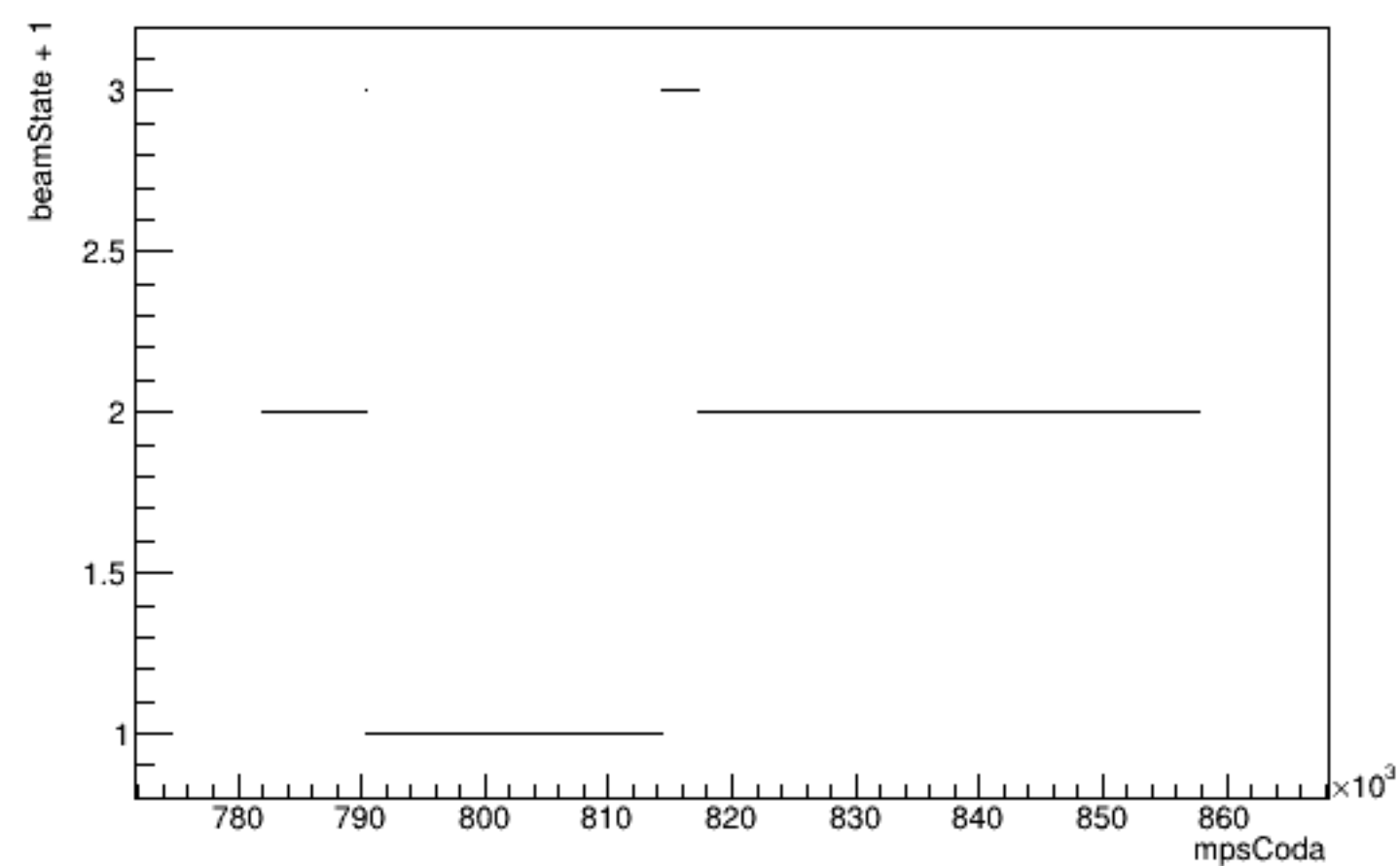
Acc0/NAcc0:mpsCoda {mpsCoda>=781983 && mpsCoda<=857694 && beamState==1}



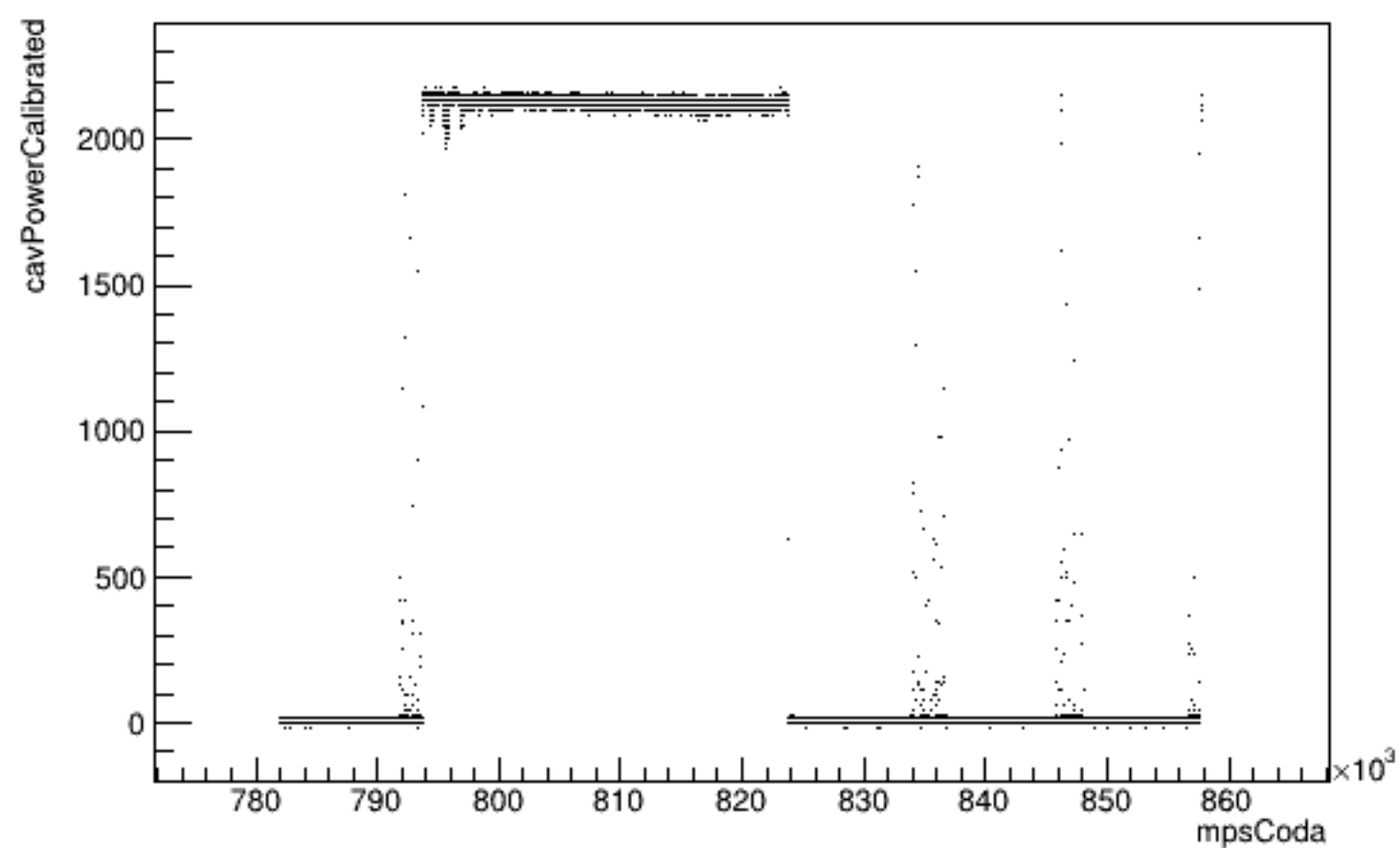
laserState:mpsCoda {mpsCoda>=781983 && mpsCoda<=857694}



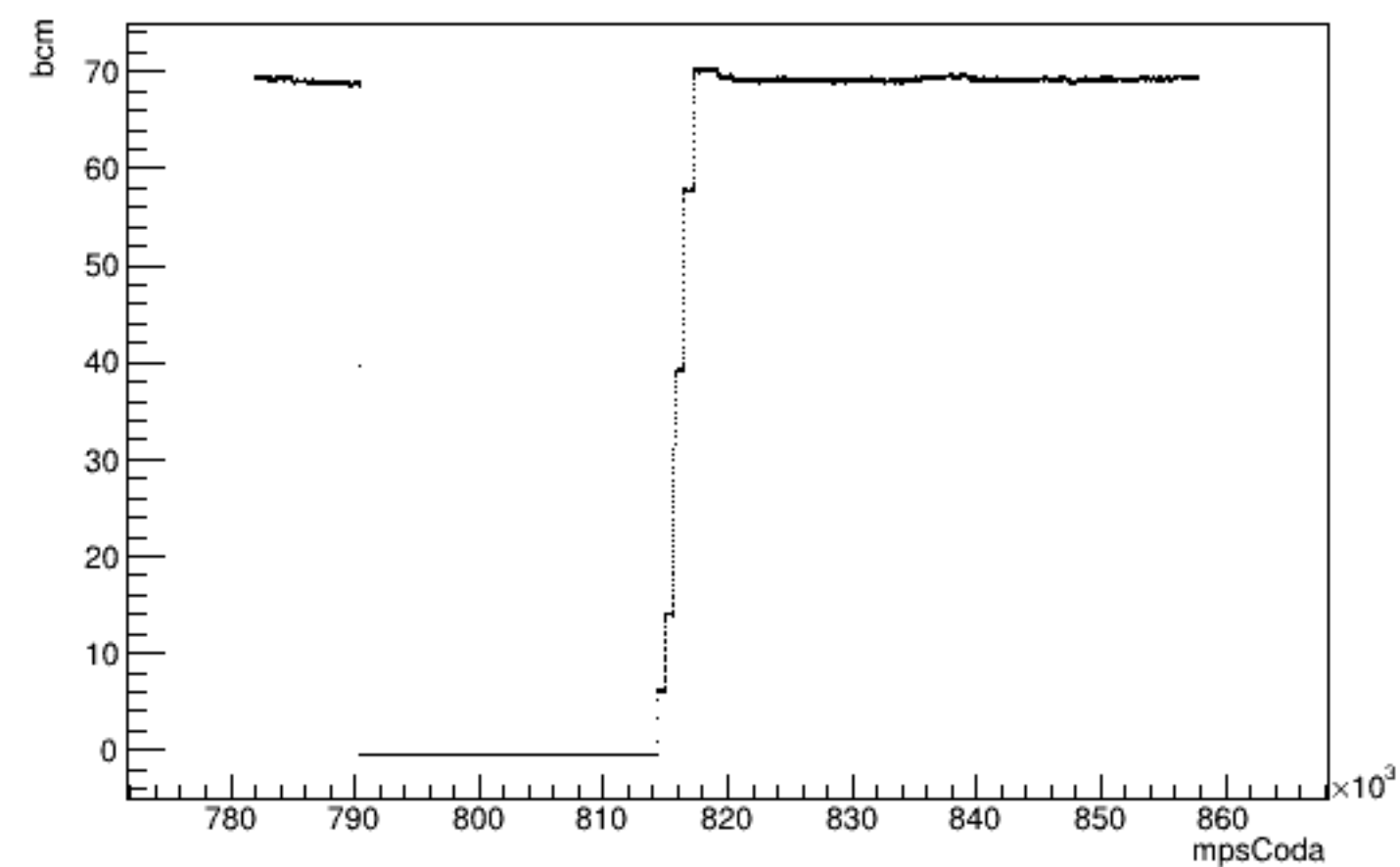
beamState + 1:mpsCoda {mpsCoda>=781983 && mpsCoda<=857694}



cavPowerCalibrated:mpsCoda {mpsCoda>=781983 && mpsCoda<=857694}



bcm:mpsCoda {mpsCoda>=781983 && mpsCoda<=857694}



Cycle 18, Diffs

Entries: 1225

Mean: 0.0003 +/- 0.0081

Std Dev: 0.2831 +/- 0.0057

Entries: 3118

Mean: -0.0781 +/- 0.0057

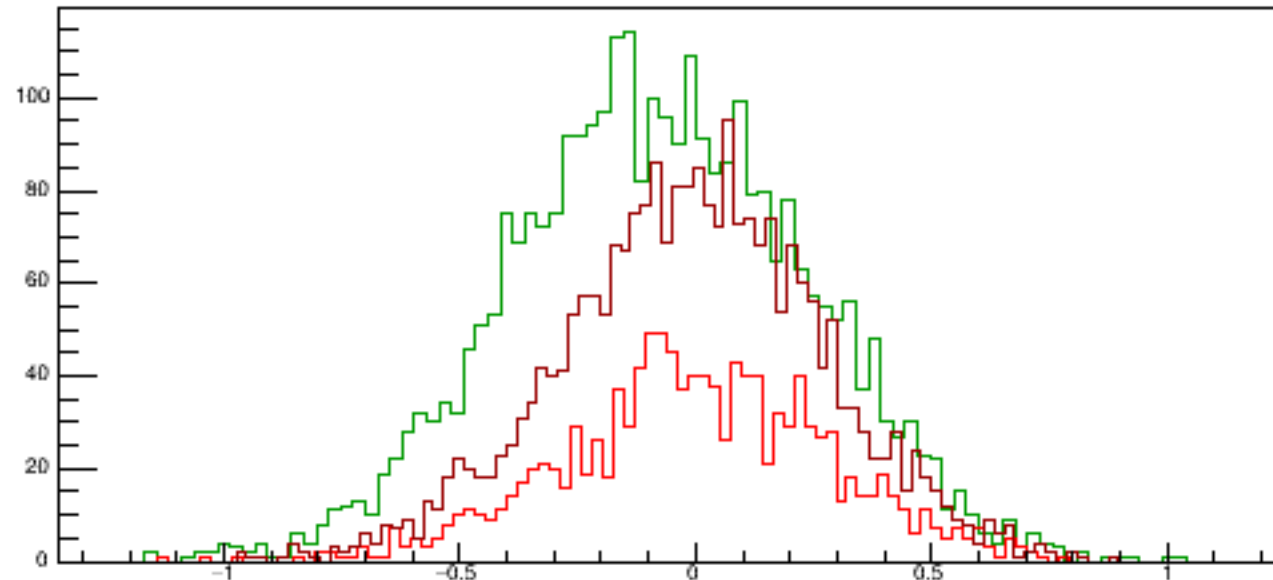
Std Dev: 0.3161 +/- 0.0040

Entries: 2496

Mean: -0.0086 +/- 0.0056

Std Dev: 0.2791 +/- 0.0039

Run 4402 quartetwise, Diffs



Cycle 18, Sums

Entries: 1225

Mean: 14.8958 +/- 0.0102

Std Dev: 0.3575 +/- 0.0072

Entries: 3118

Mean: 19.8139 +/- 0.0090

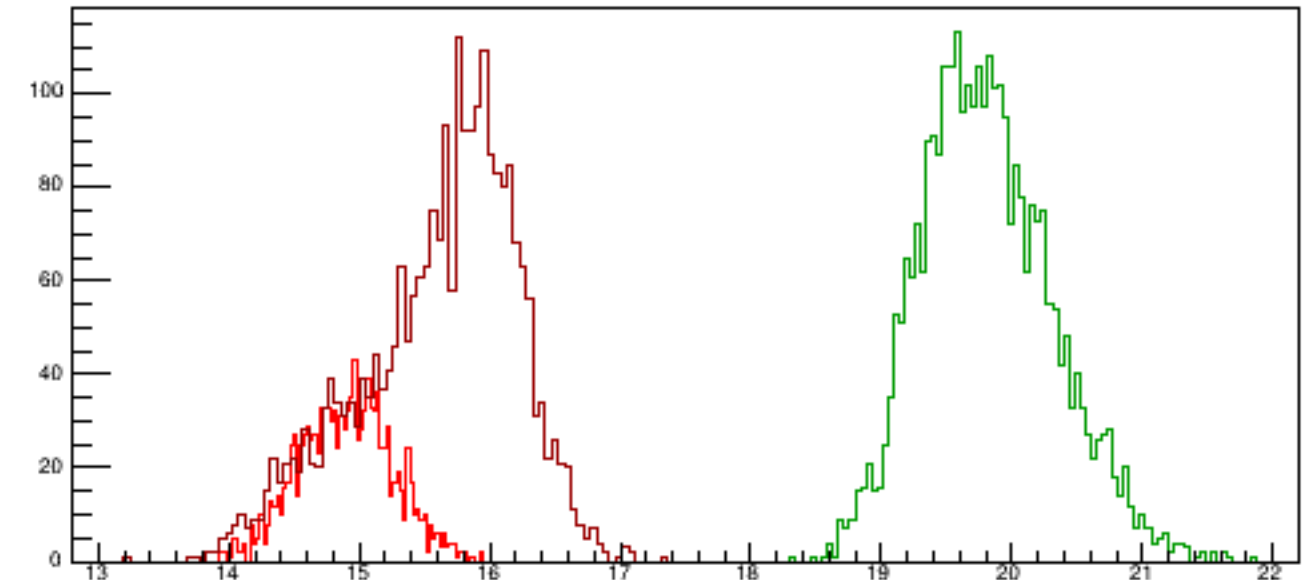
Std Dev: 0.5051 +/- 0.0064

Entries: 2496

Mean: 15.6027 +/- 0.0122

Std Dev: 0.6071 +/- 0.0086

Run 4402 quartetwise, Sums



Cycle 18, Asyms

Entries: 1225

Mean: 0.0001 +/- 0.0018

Std Dev: 0.0620 +/- 0.0013

Entries: 3118

Mean: -0.0173 +/- 0.0013

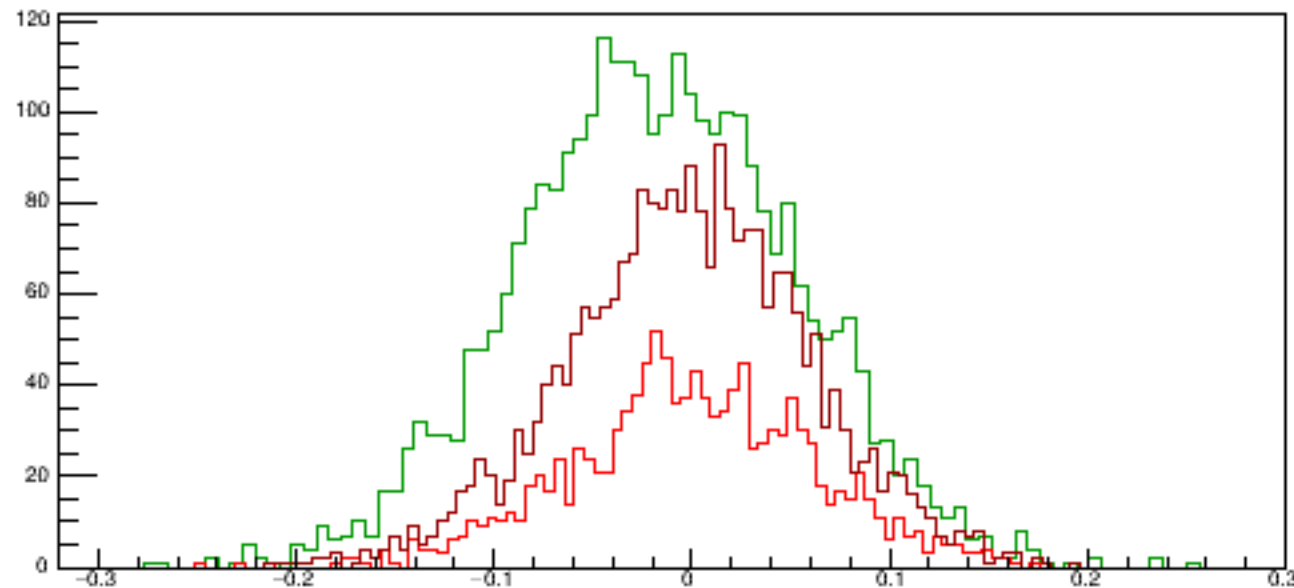
Std Dev: 0.0701 +/- 0.0009

Entries: 2496

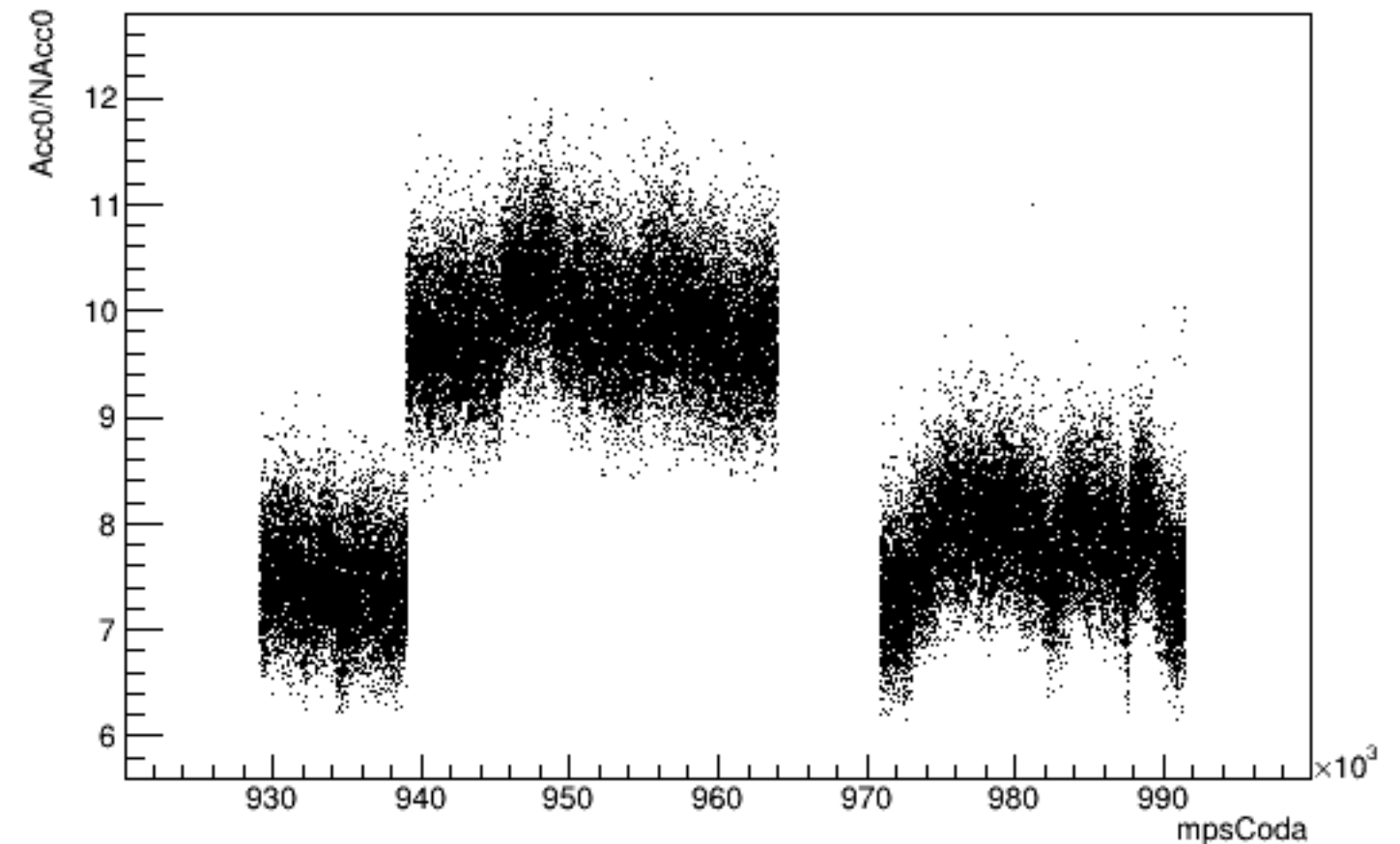
Mean: -0.0019 +/- 0.0012

Std Dev: 0.0611 +/- 0.0009

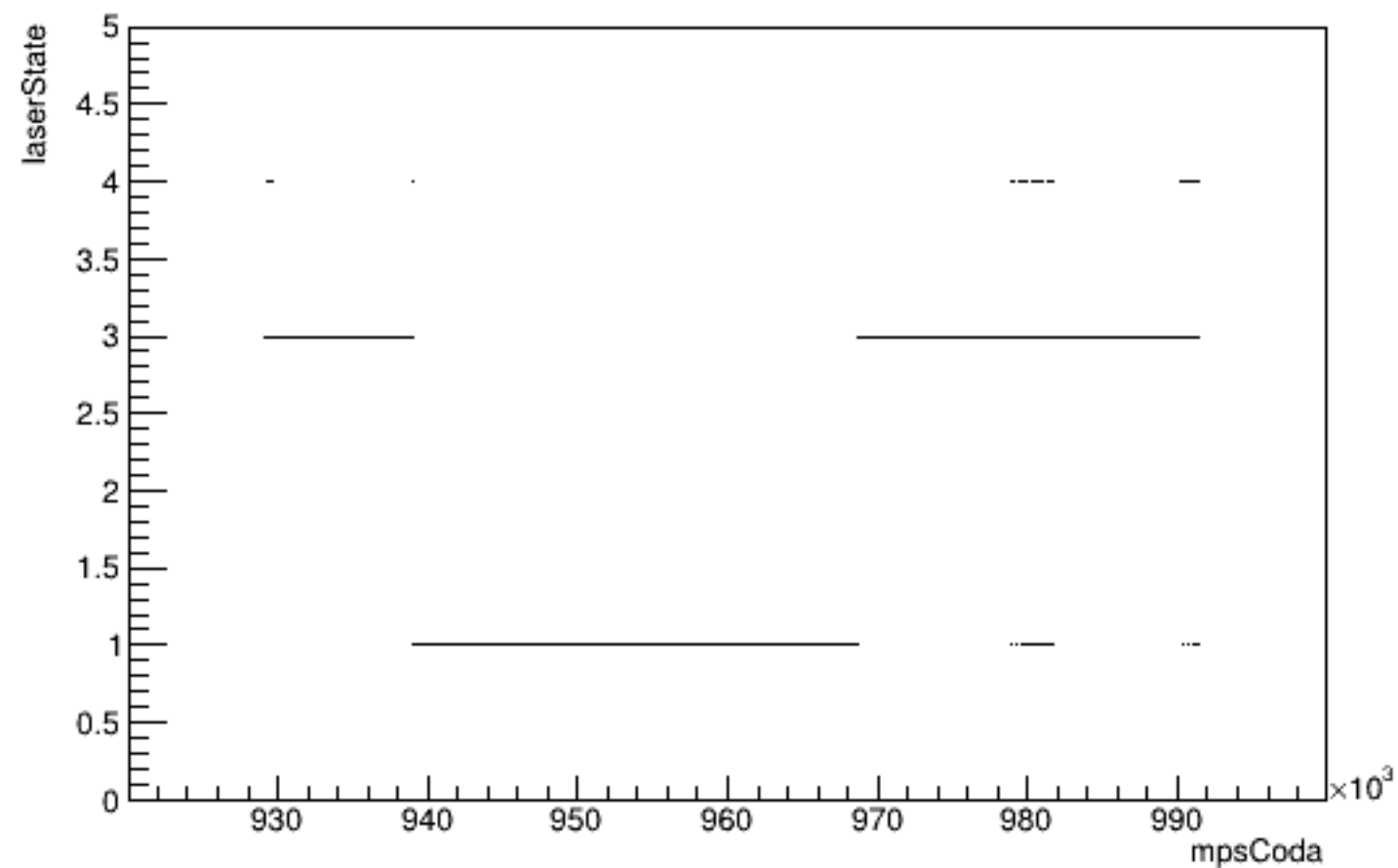
Run 4402 quartetwise, Asyms



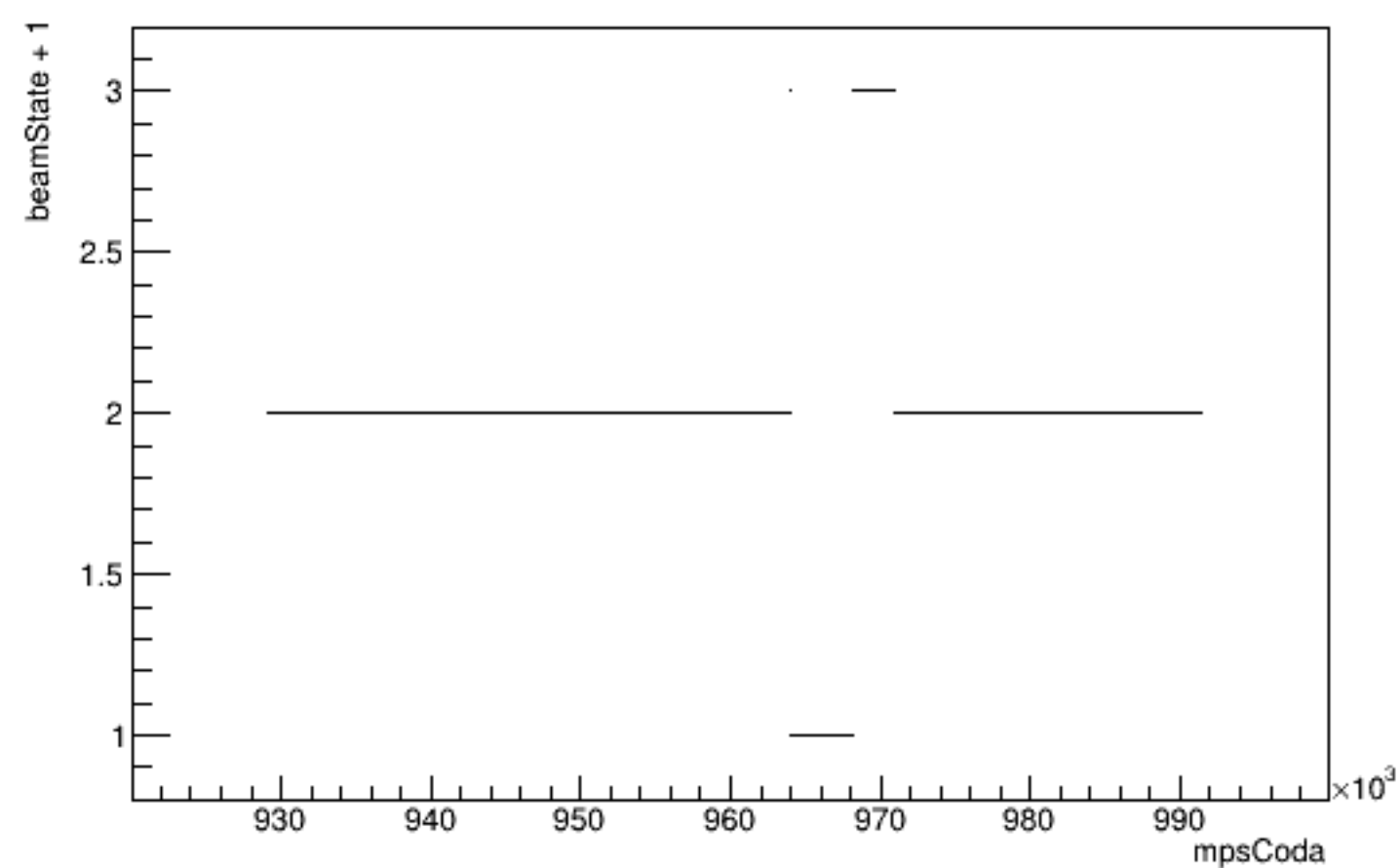
Acc0/NAcc0:mpsCoda {mpsCoda>=929167 && mpsCoda<=991462 && beamState==1}



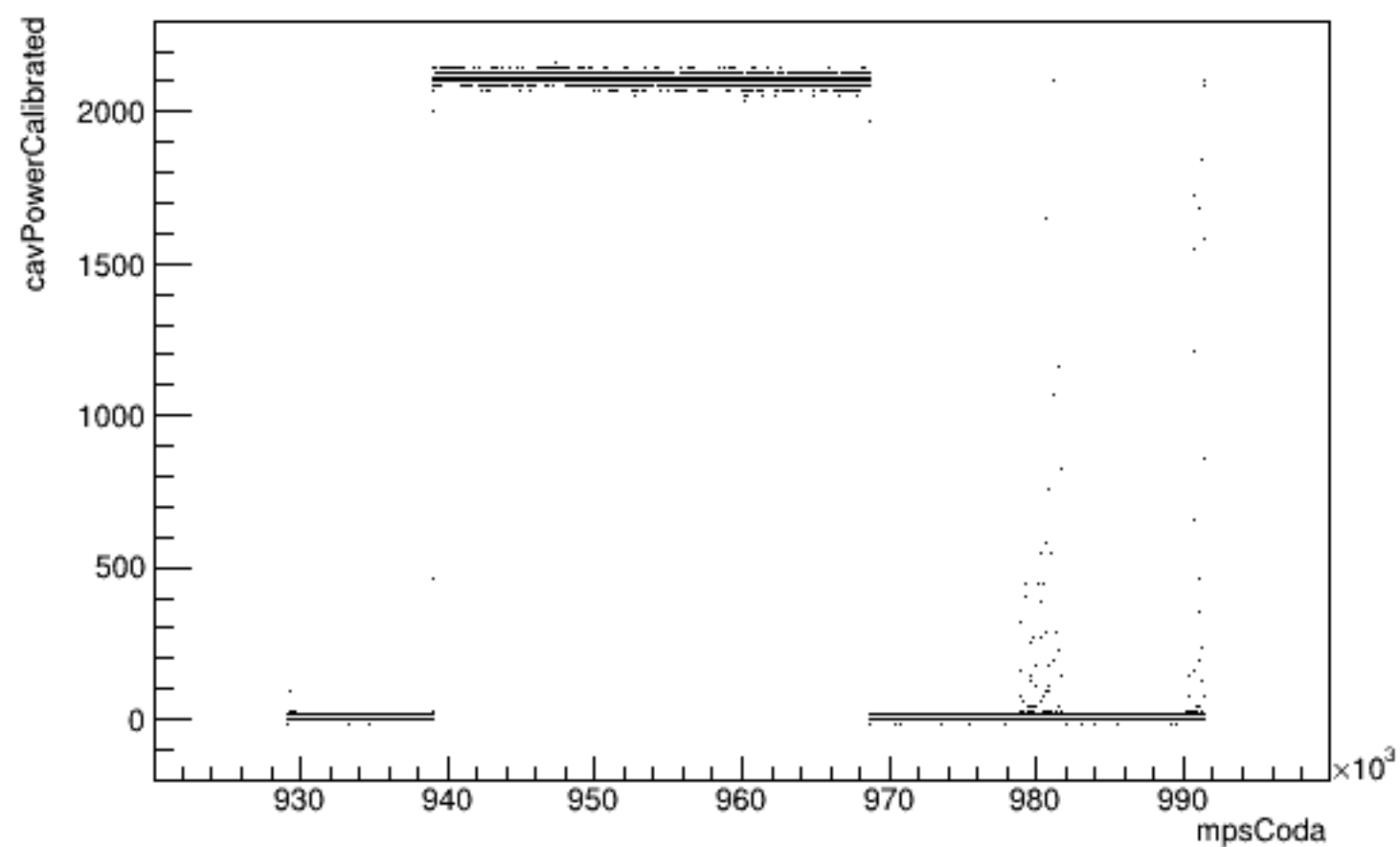
laserState:mpsCoda {mpsCoda>=929167 && mpsCoda<=991462}



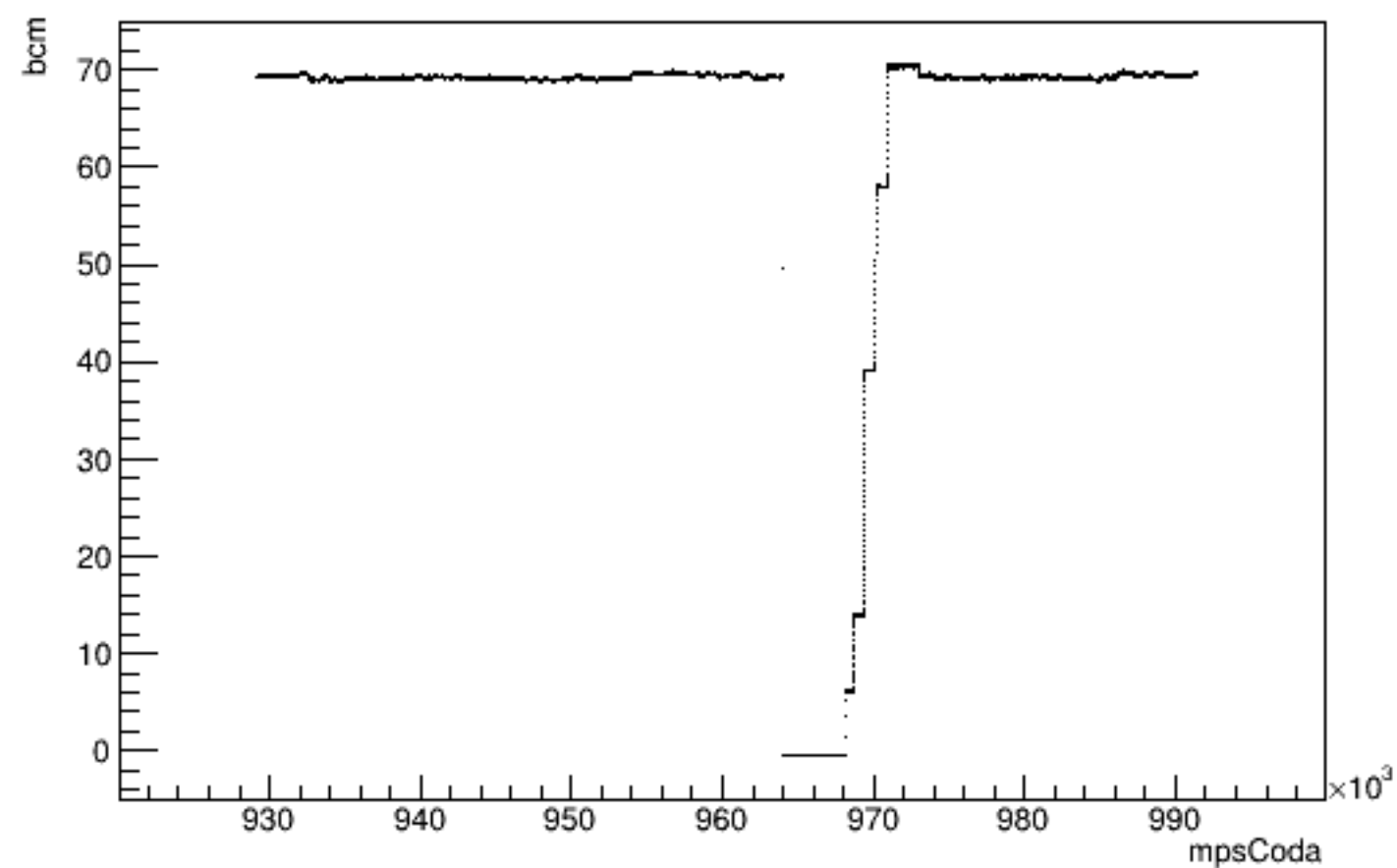
beamState + 1:mpsCoda {mpsCoda>=929167 && mpsCoda<=991462}



cavPowerCalibrated:mpsCoda {mpsCoda>=929167 && mpsCoda<=991462}



bcm:mpsCoda {mpsCoda>=929167 && mpsCoda<=991462}



Cycle 19, Diffs

Entries: 2496

Mean: -0.0086 +/- 0.0056

Std Dev: 0.2791 +/- 0.0039

Entries: 3726

Mean: -0.0636 +/- 0.0053

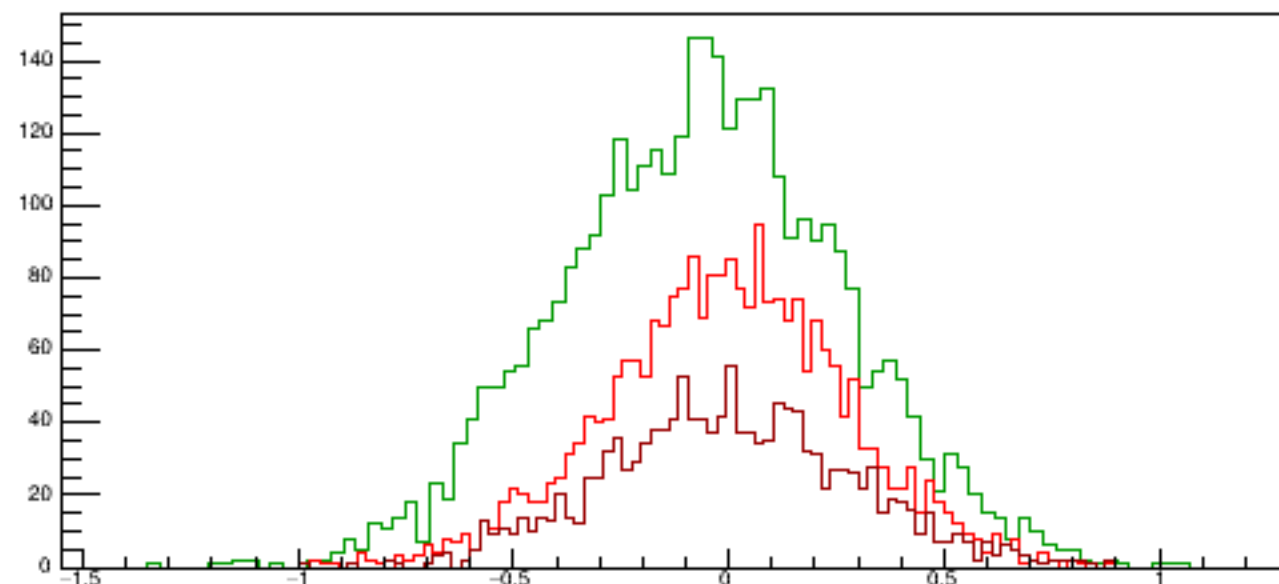
Std Dev: 0.3263 +/- 0.0038

Entries: 1406

Mean: 0.0013 +/- 0.0077

Std Dev: 0.2877 +/- 0.0054

Run 4402 quartetwise, Diffs



Cycle 19, Sums

Entries: 2496

Mean: 15.6027 +/- 0.0122

Std Dev: 0.6071 +/- 0.0086

Entries: 3726

Mean: 19.8168 +/- 0.0090

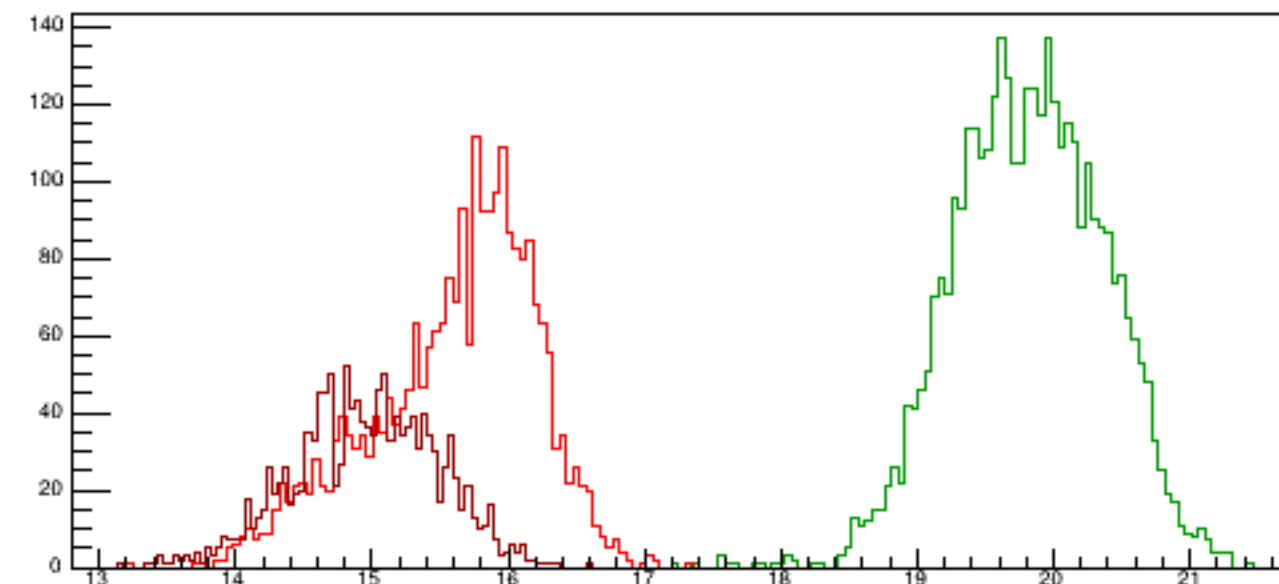
Std Dev: 0.5488 +/- 0.0064

Entries: 1406

Mean: 14.9513 +/- 0.0141

Std Dev: 0.5280 +/- 0.0100

Run 4402 quartetwise, Sums



Cycle 19, Asyms

Entries: 2496

Mean: -0.0019 +/- 0.0012

Std Dev: 0.0615 +/- 0.0009

Entries: 3726

Mean: -0.0144 +/- 0.0012

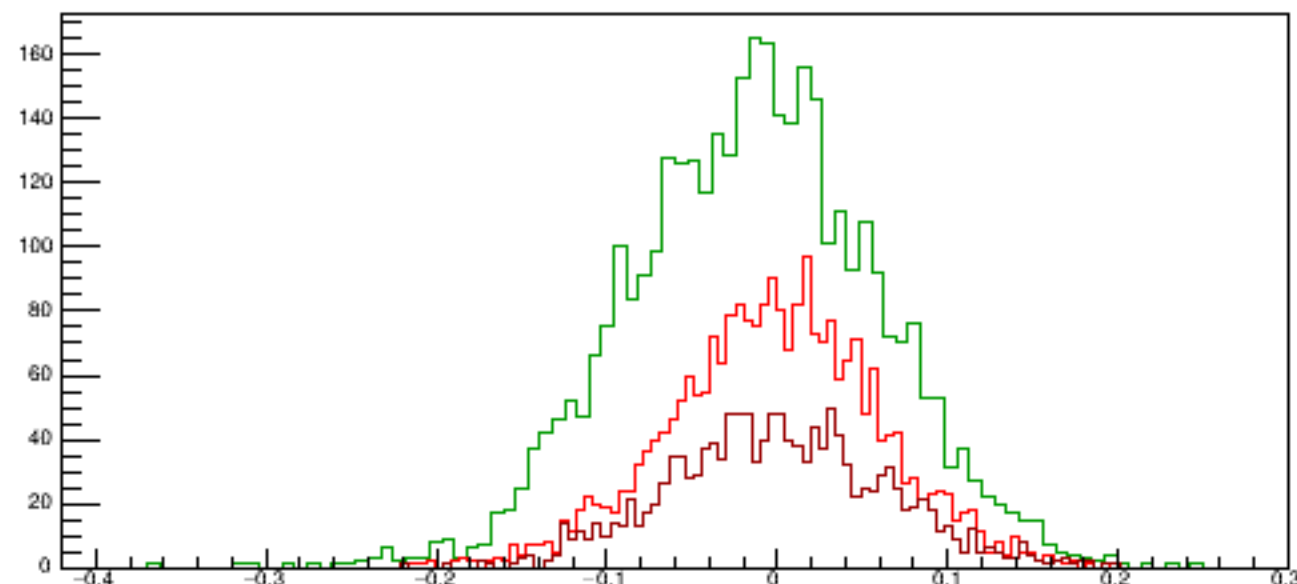
Std Dev: 0.0730 +/- 0.0008

Entries: 1406

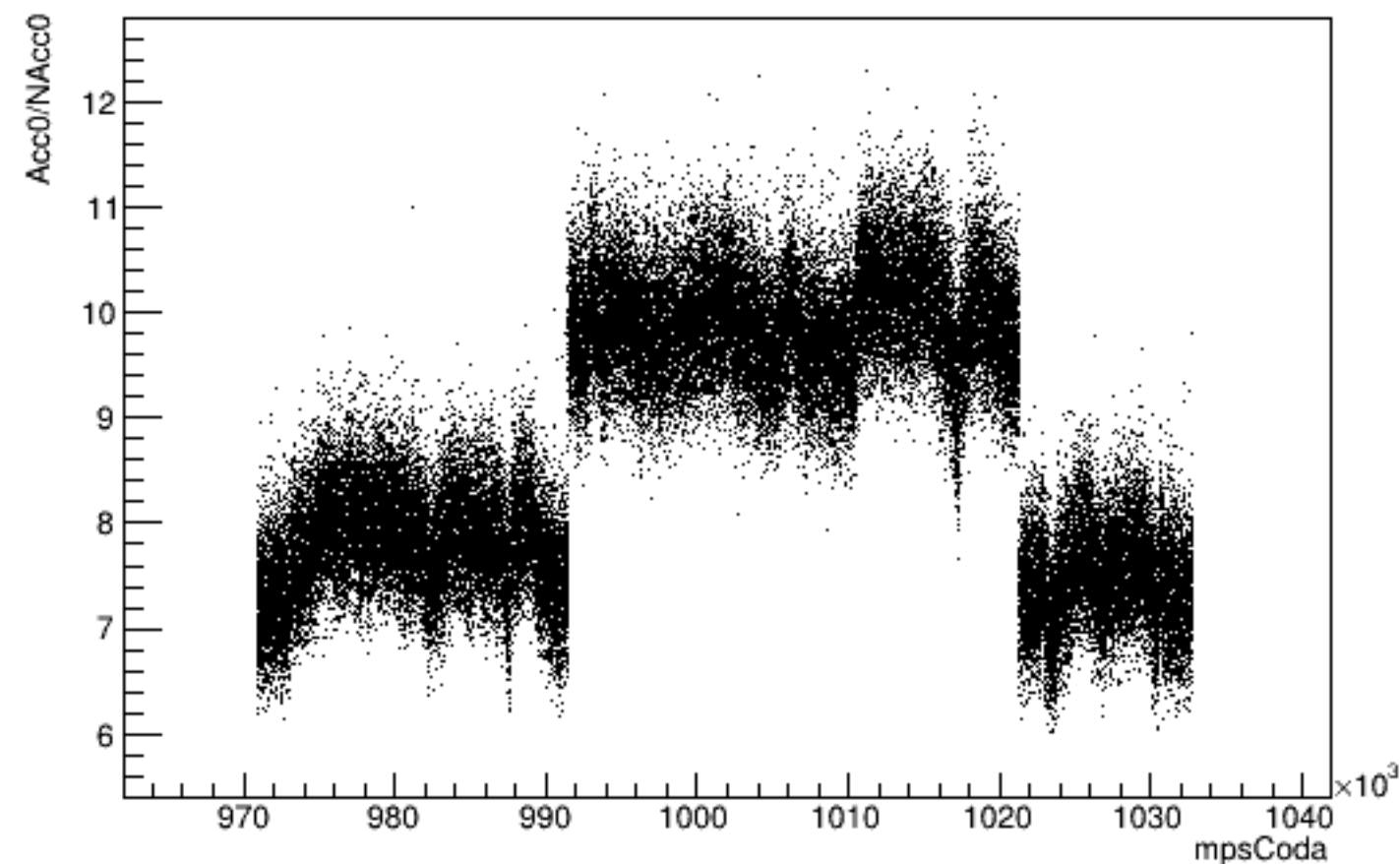
Mean: 0.0003 +/- 0.0017

Std Dev: 0.0634 +/- 0.0012

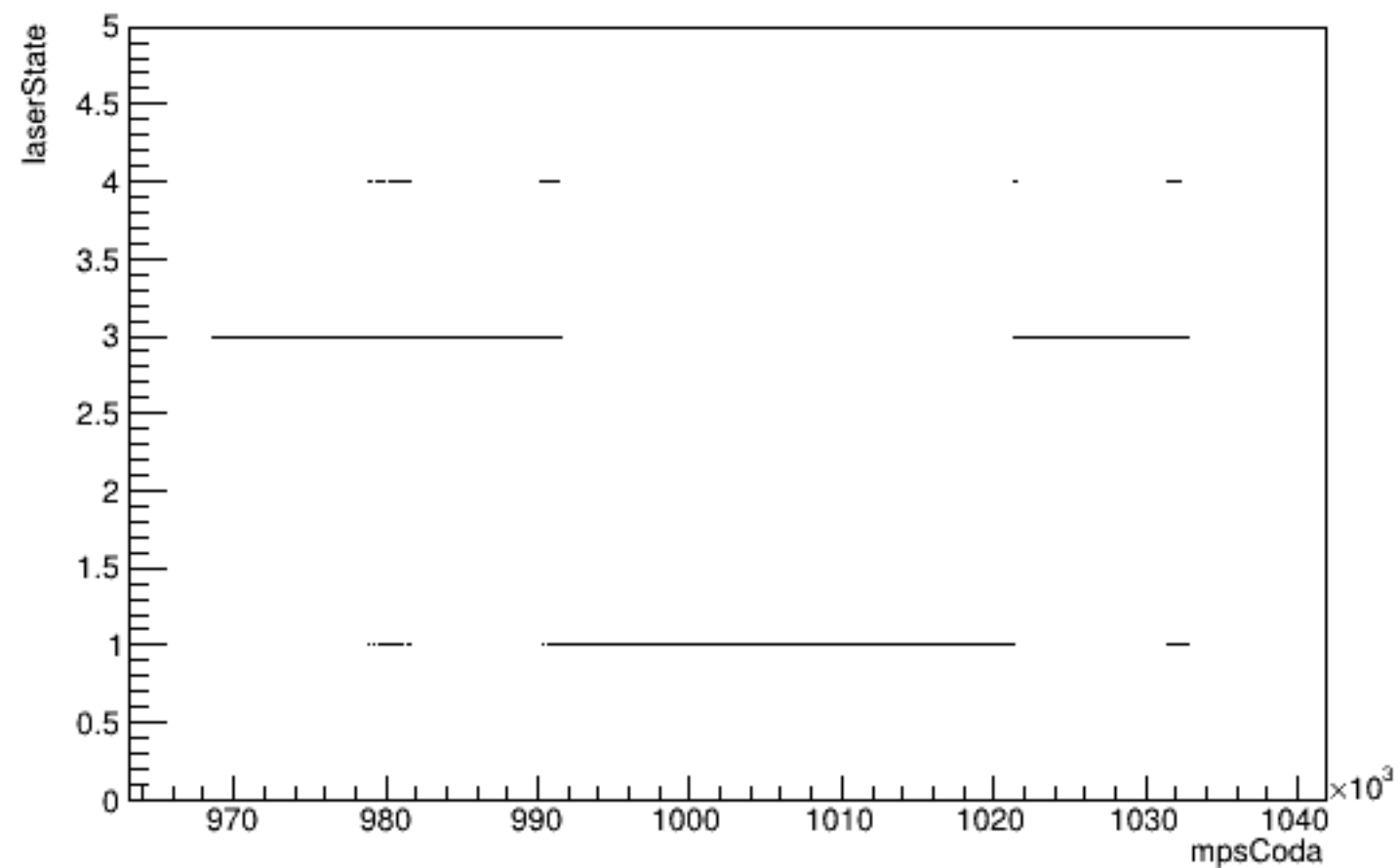
Run 4402 quartetwise, Asyms



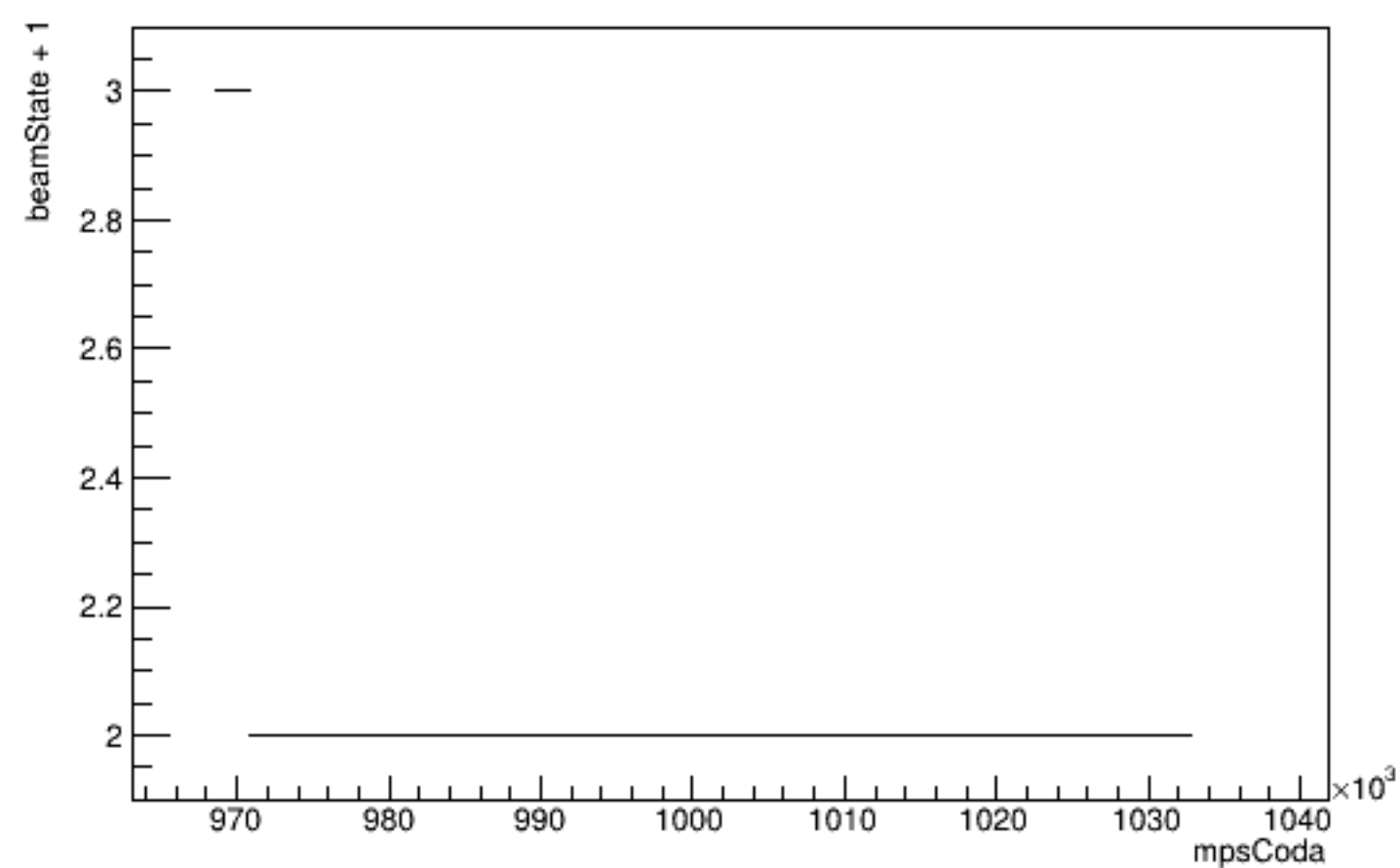
Acc0/NAcc0:mpsCoda (mpsCoda>=968623 && mpsCoda<=1032726 && beamState==1)



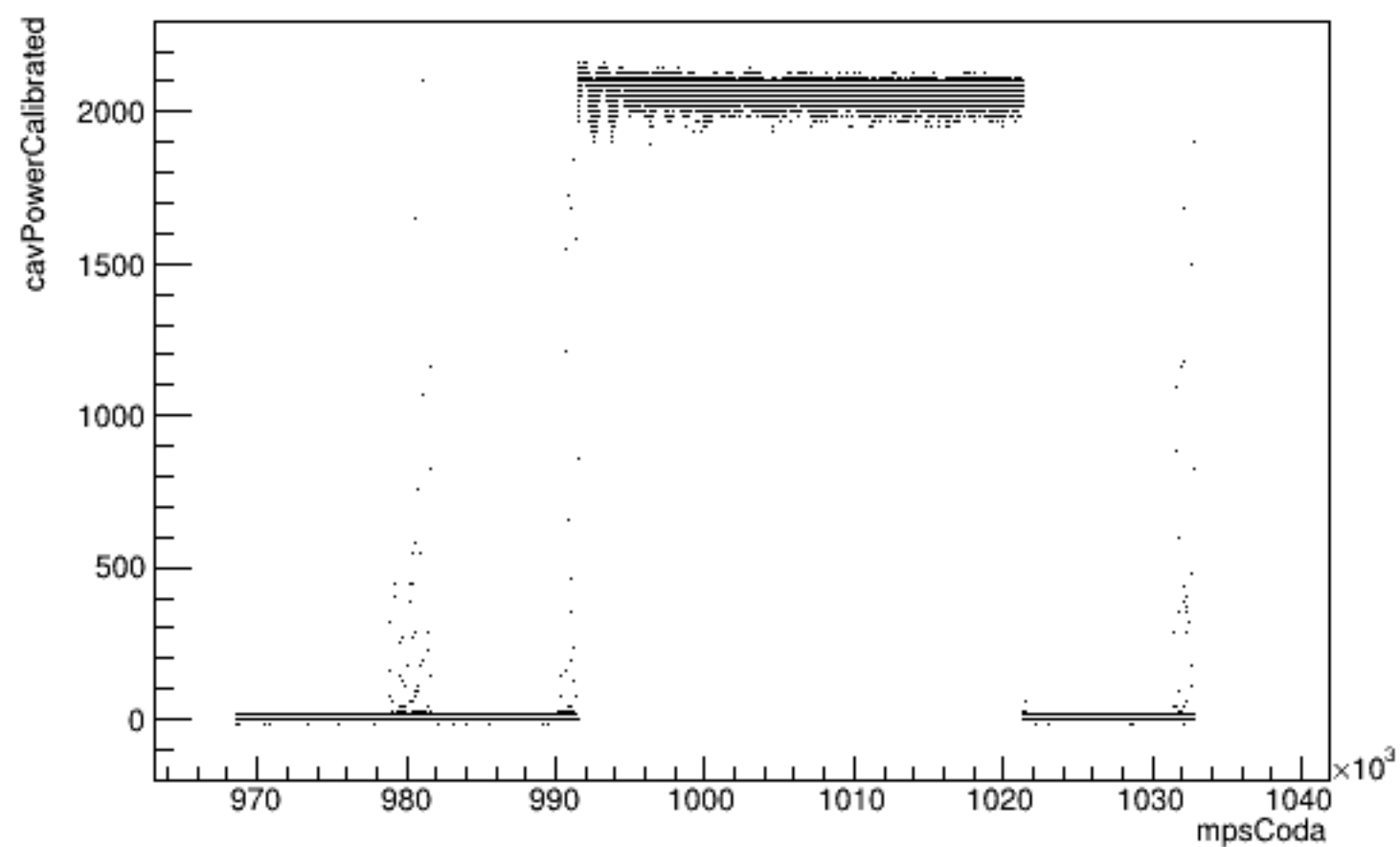
laserState:mpsCoda {mpsCoda>=968623 && mpsCoda<=1032726}



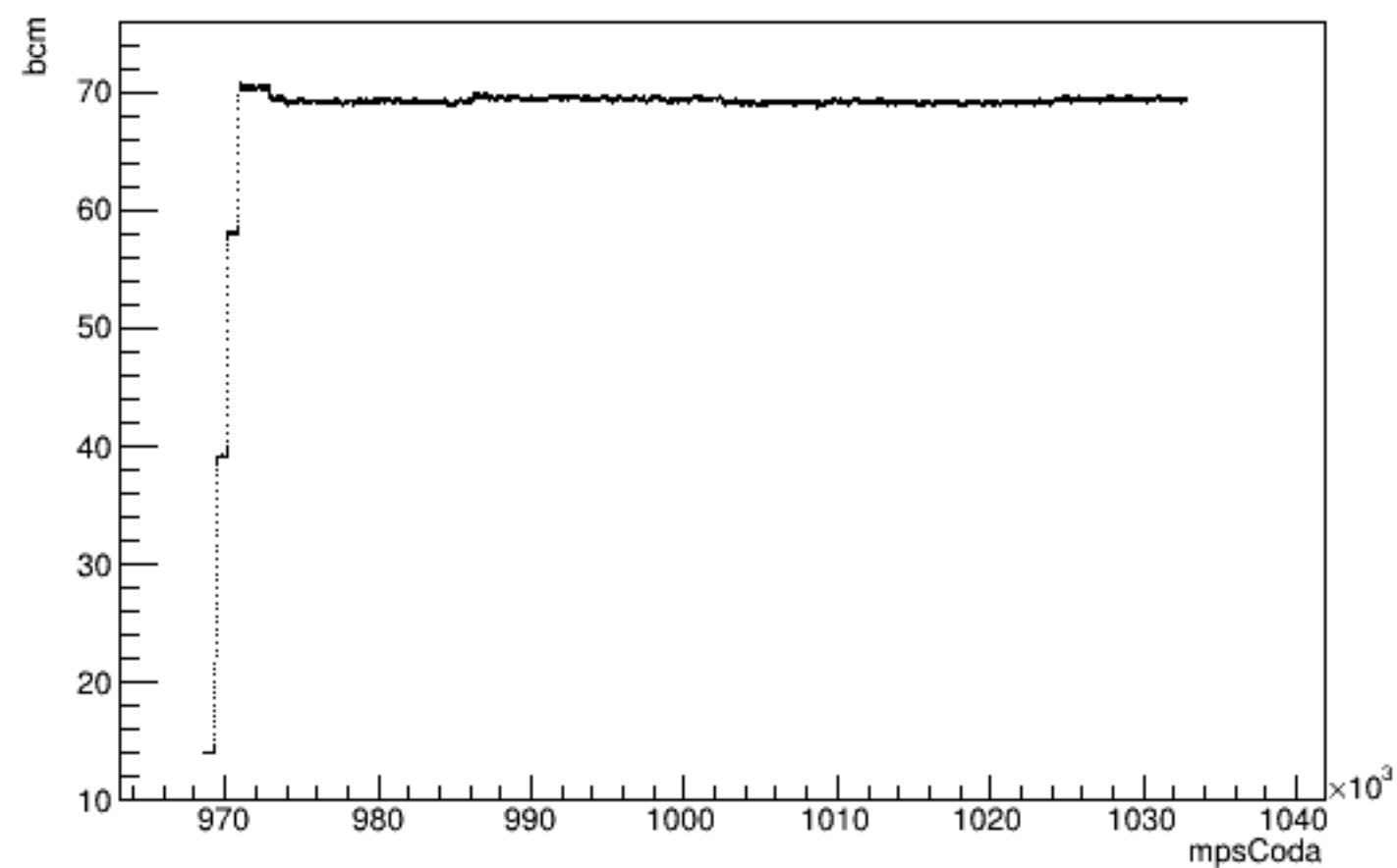
beamState + 1:mpsCoda {mpsCoda>=968623 && mpsCoda<=1032726}



cavPowerCalibrated:mpsCoda {mpsCoda>=968623 && mpsCoda<=1032726}



bcm:mpsCoda {mpsCoda>=968623 && mpsCoda<=1032726}



Cycle 20, Diffs

Entries: 1406

Mean: 0.0013 +/- 0.0077

Std Dev: 0.2877 +/- 0.0054

Entries: 3743

Mean: -0.0694 +/- 0.0052

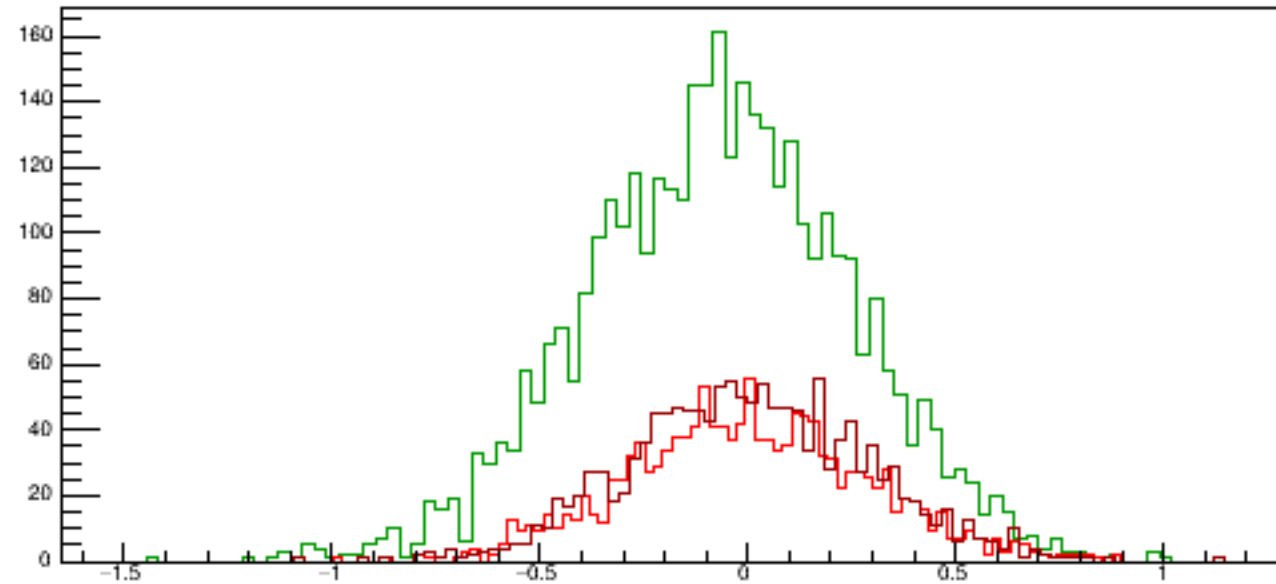
Std Dev: 0.3195 +/- 0.0037

Entries: 1397

Mean: 0.0017 +/- 0.0076

Std Dev: 0.2839 +/- 0.0054

Run 4402 quartetwise, Diffs



Cycle 20, Sums

Entries: 1406

Mean: 14.9513 +/- 0.0141

Std Dev: 0.5280 +/- 0.0100

Entries: 3743

Mean: 19.6985 +/- 0.0092

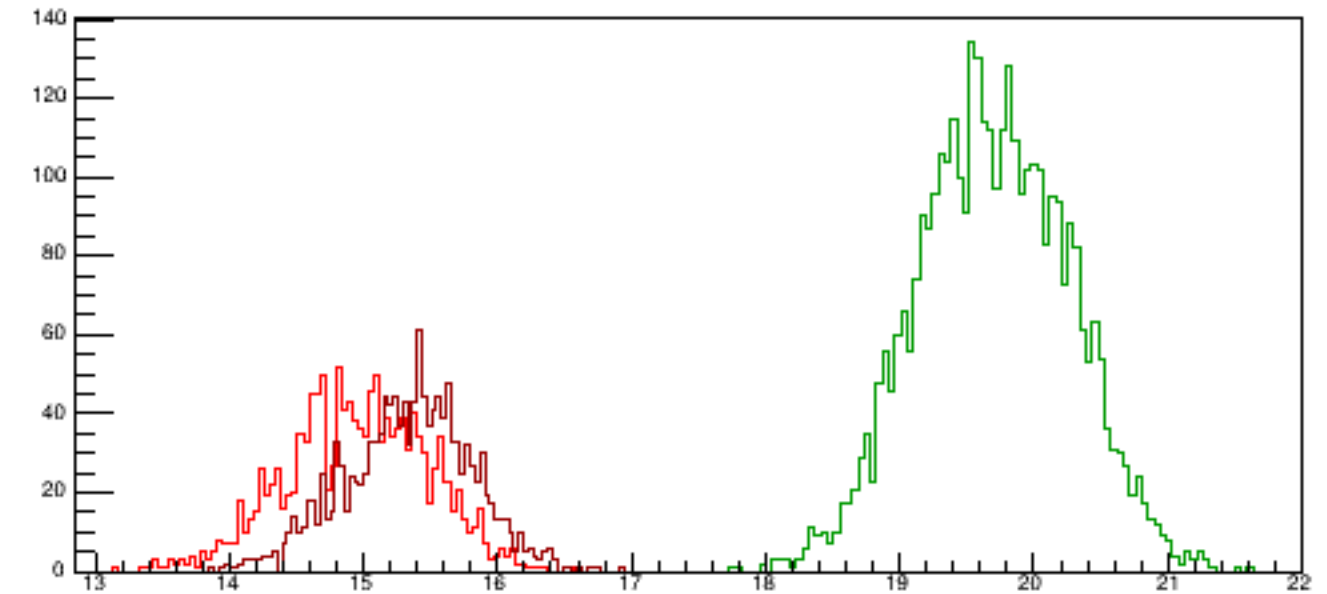
Std Dev: 0.5632 +/- 0.0065

Entries: 1397

Mean: 15.3311 +/- 0.0126

Std Dev: 0.4710 +/- 0.0089

Run 4402 quartetwise, Sums



Cycle 20, Asyms

Entries: 1406

Mean: 0.0003 +/- 0.0017

Std Dev: 0.0631 +/- 0.0012

Entries: 3743

Mean: -0.0157 +/- 0.0012

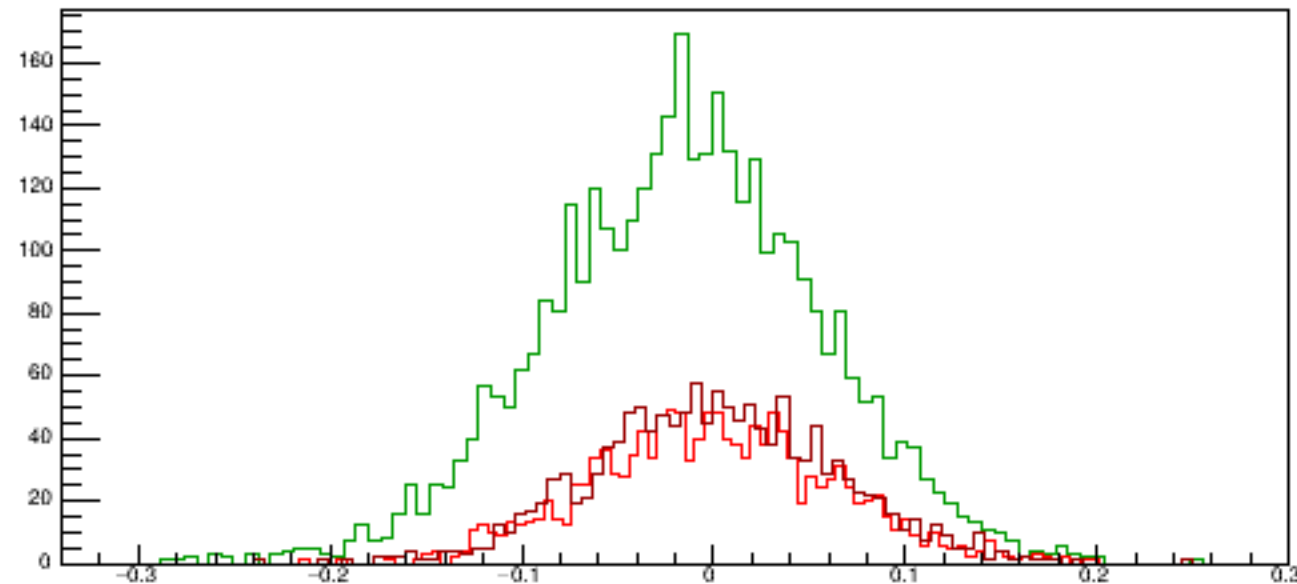
Std Dev: 0.0715 +/- 0.0008

Entries: 1397

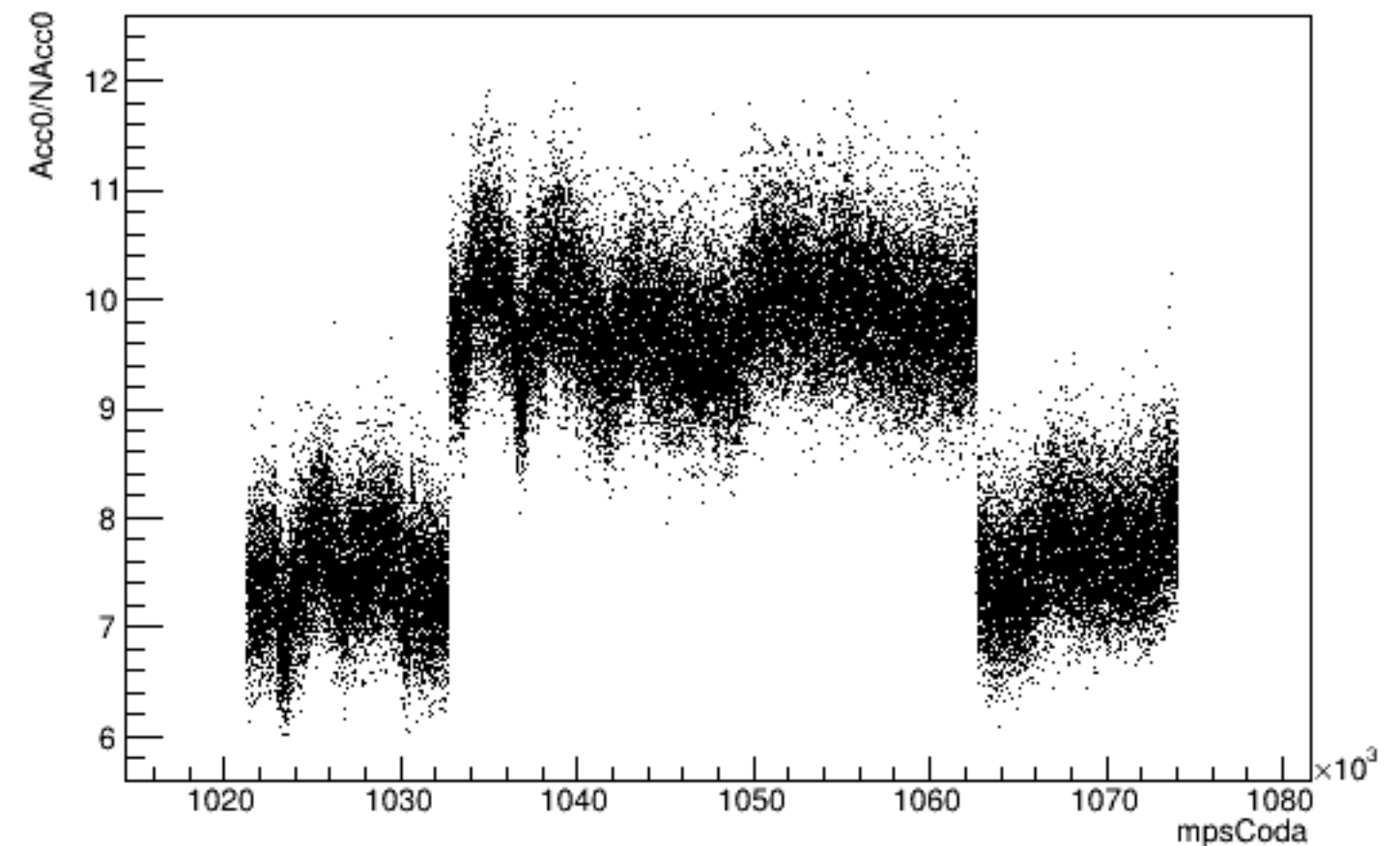
Mean: 0.0004 +/- 0.0017

Std Dev: 0.0623 +/- 0.0012

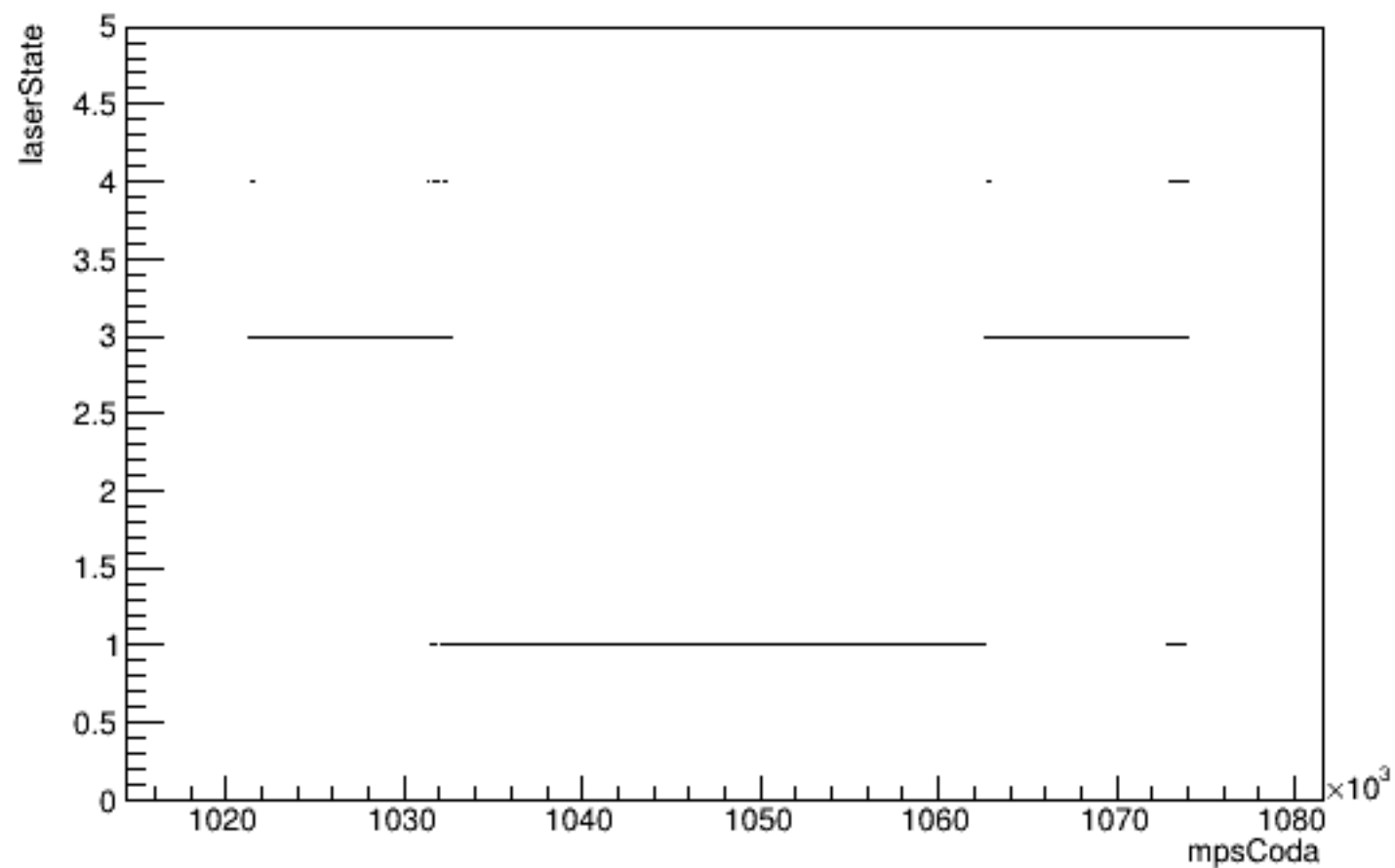
Run 4402 quartetwise, Asyms



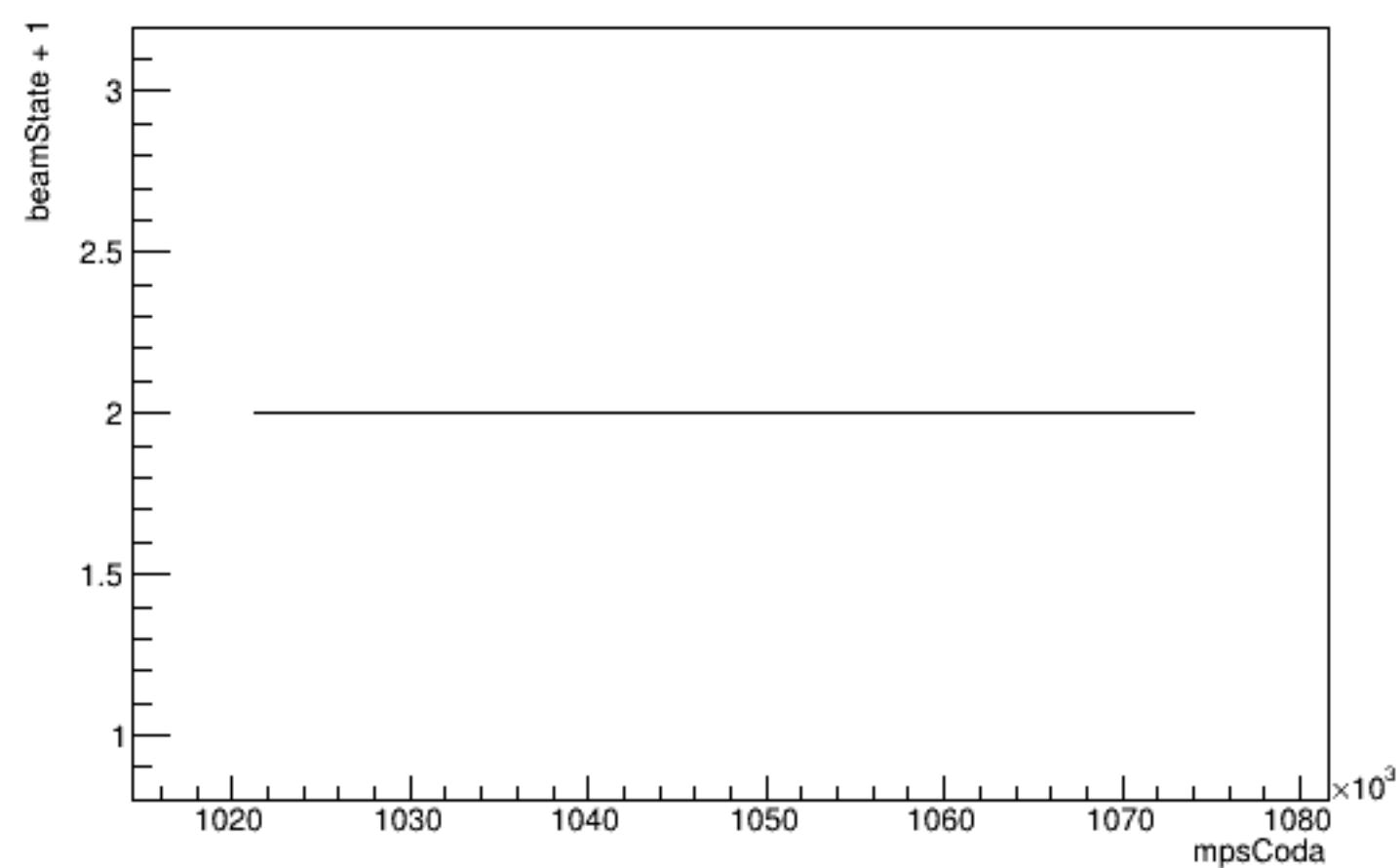
Acc0/NAcc0:mpsCoda (mpsCoda>=1021279 && mpsCoda<=1074062 && beamState==1)



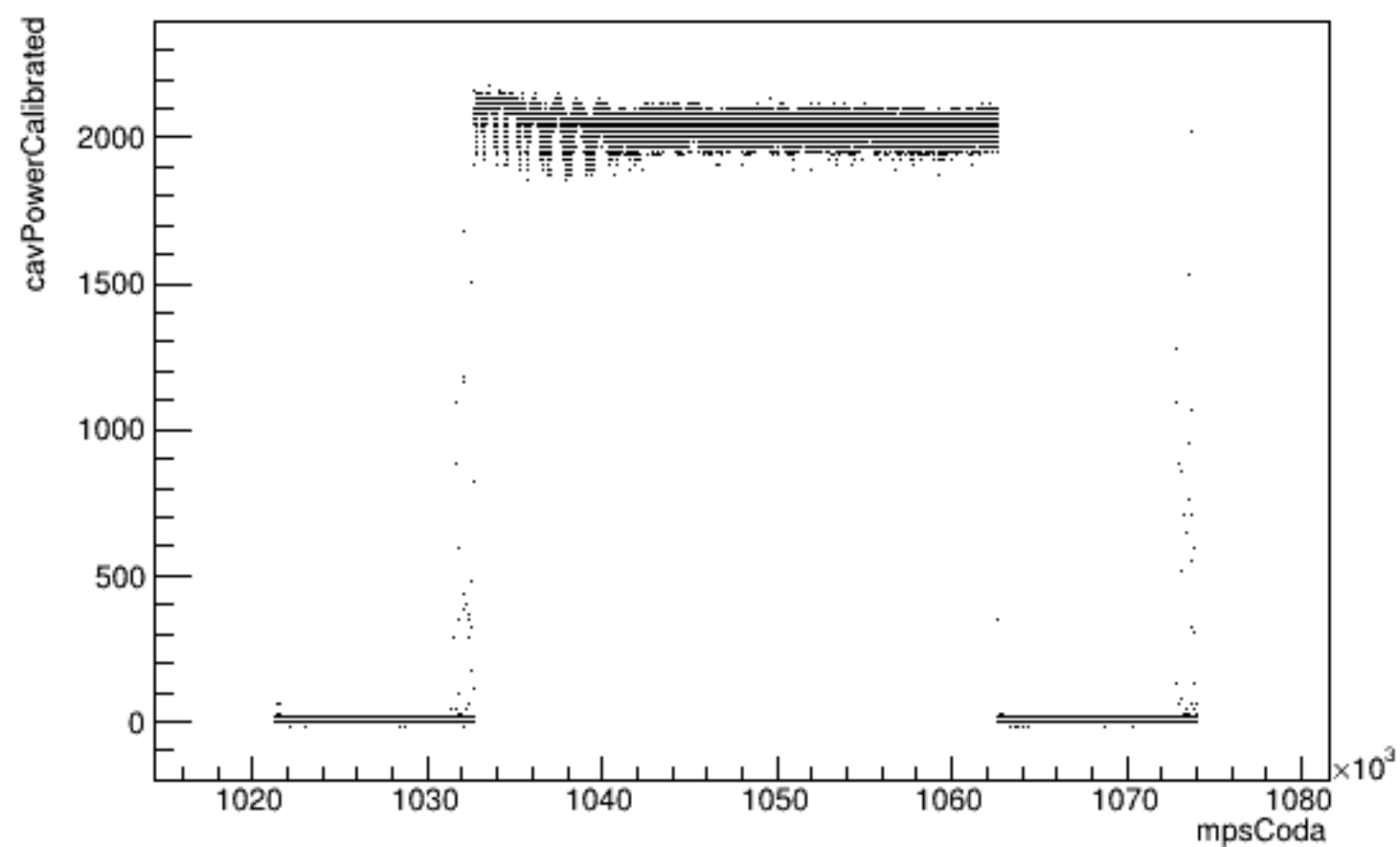
laserState:mpsCoda {mpsCoda>=1021279 && mpsCoda<=1074062}



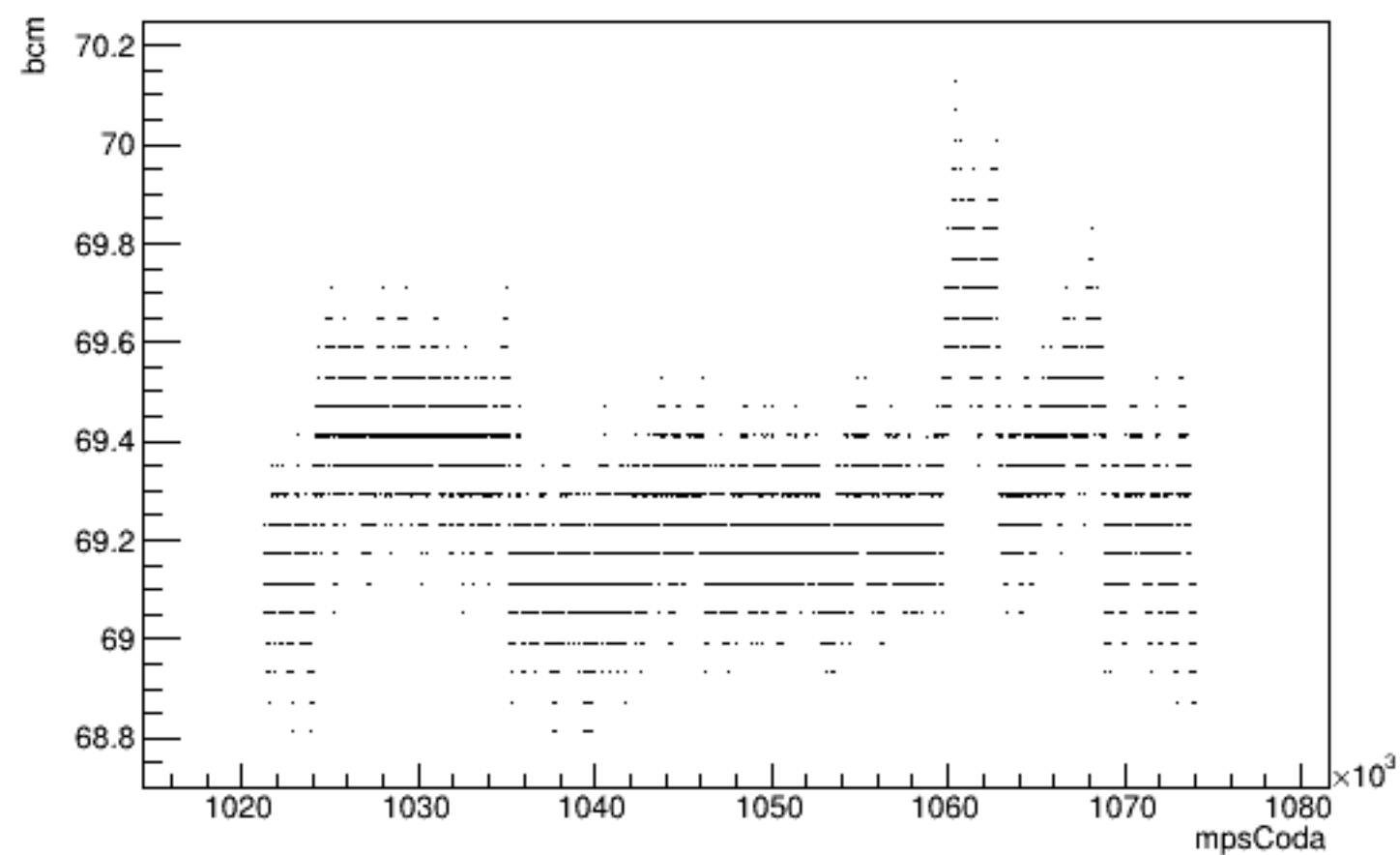
beamState + 1:mpsCoda {mpsCoda>=1021279 && mpsCoda<=1074062}



cavPowerCalibrated:mpsCoda {mpsCoda>=1021279 && mpsCoda<=1074062}



bcm:mpsCoda {mpsCoda>=1021279 && mpsCoda<=1074062}



Cycle 21, Diffs

Entries: 1397

Mean: 0.0017 +/- 0.0076

Std Dev: 0.2839 +/- 0.0054

Entries: 3751

Mean: -0.0731 +/- 0.0052

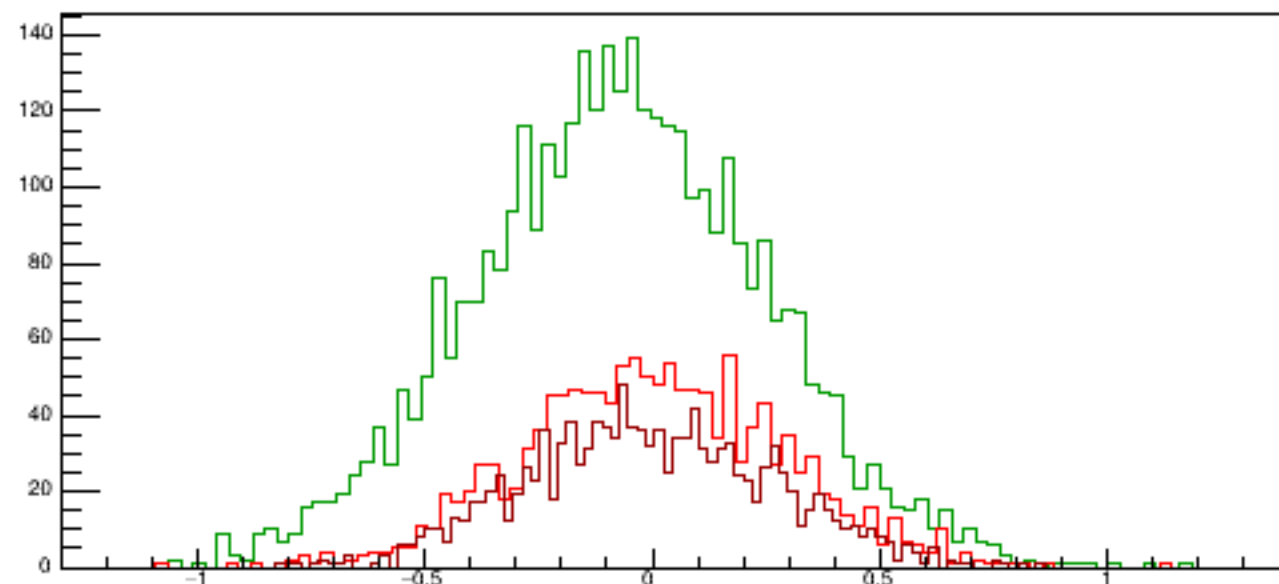
Std Dev: 0.3189 +/- 0.0037

Entries: 1304

Mean: -0.0066 +/- 0.0075

Std Dev: 0.2696 +/- 0.0053

Run 4402 quartetwise, Diffs



Cycle 21, Sums

Entries: 1397

Mean: 15.3311 +/- 0.0126

Std Dev: 0.4710 +/- 0.0089

Entries: 3751

Mean: 20.8866 +/- 0.0064

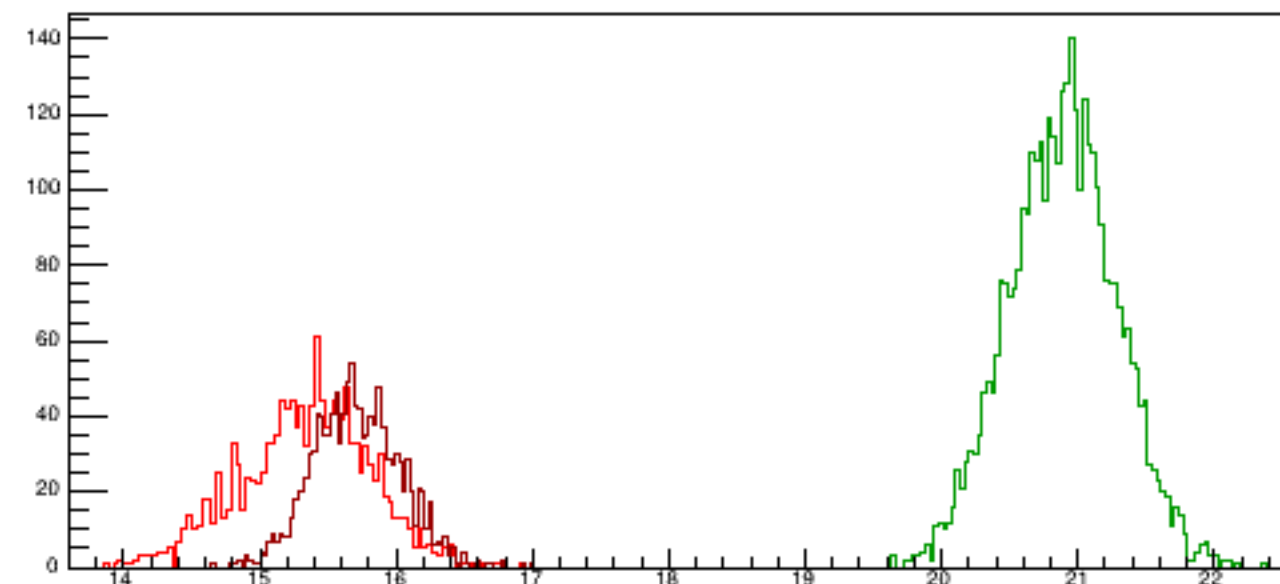
Std Dev: 0.3938 +/- 0.0045

Entries: 1304

Mean: 15.7123 +/- 0.0089

Std Dev: 0.3196 +/- 0.0063

Run 4402 quartetwise, Sums



Cycle 21, Asyms

Entries: 1397

Mean: 0.0003 +/- 0.0014

Std Dev: 0.0529 +/- 0.0010

Entries: 3751

Mean: -0.0137 +/- 0.0010

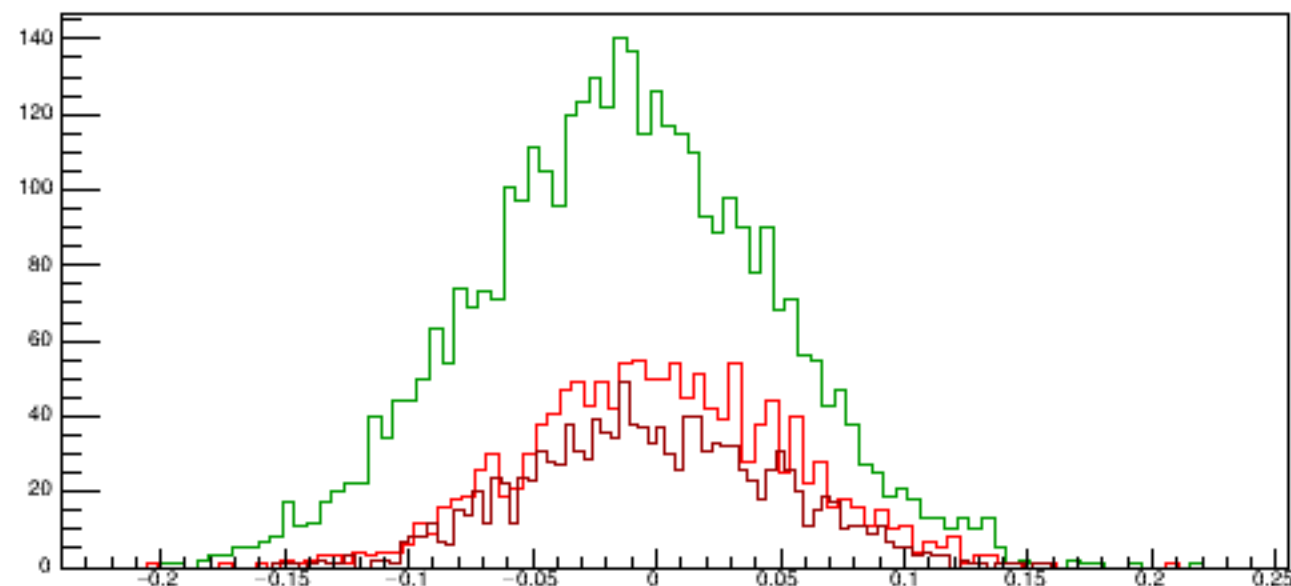
Std Dev: 0.0595 +/- 0.0007

Entries: 1304

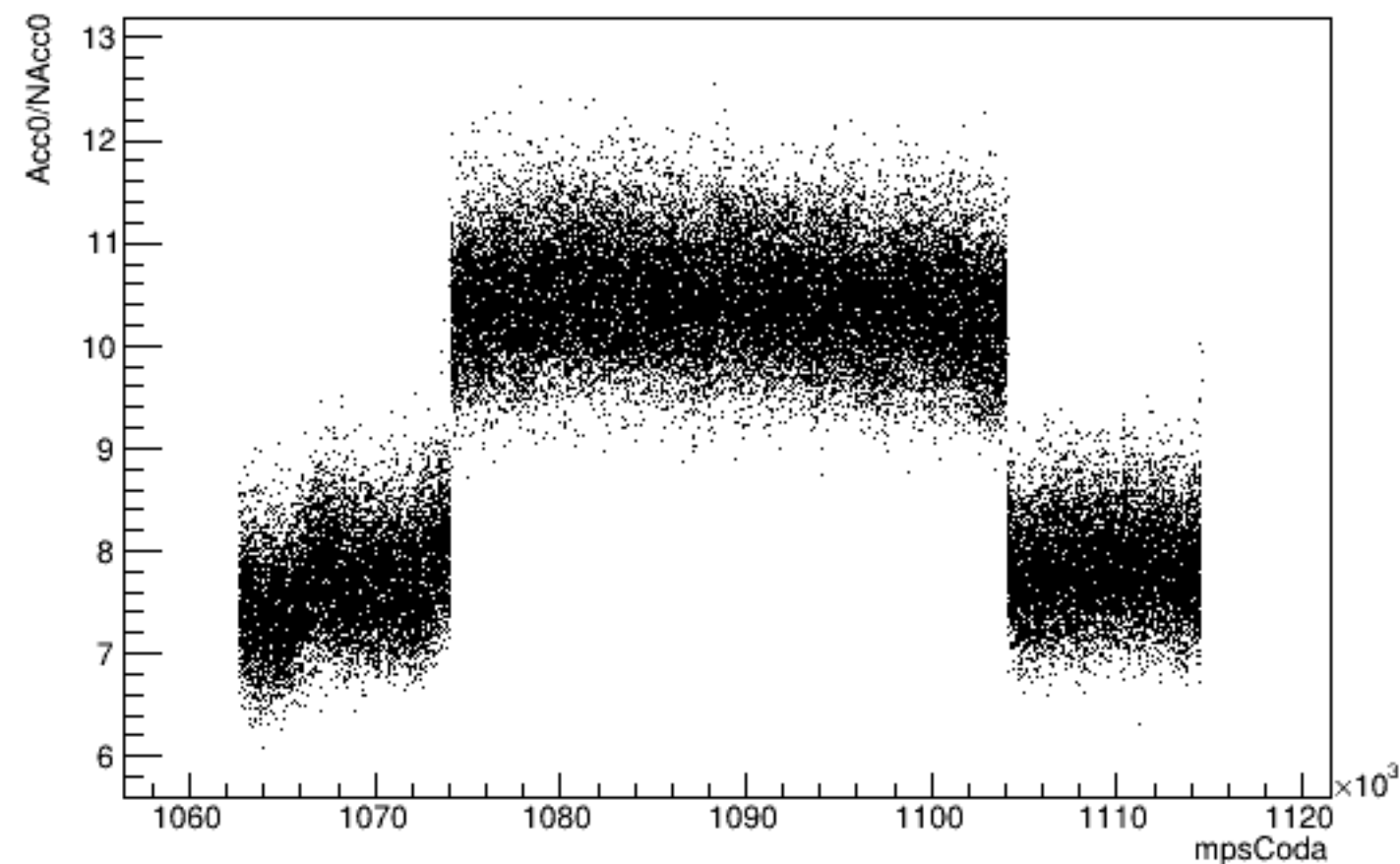
Mean: -0.0012 +/- 0.0014

Std Dev: 0.0502 +/- 0.0010

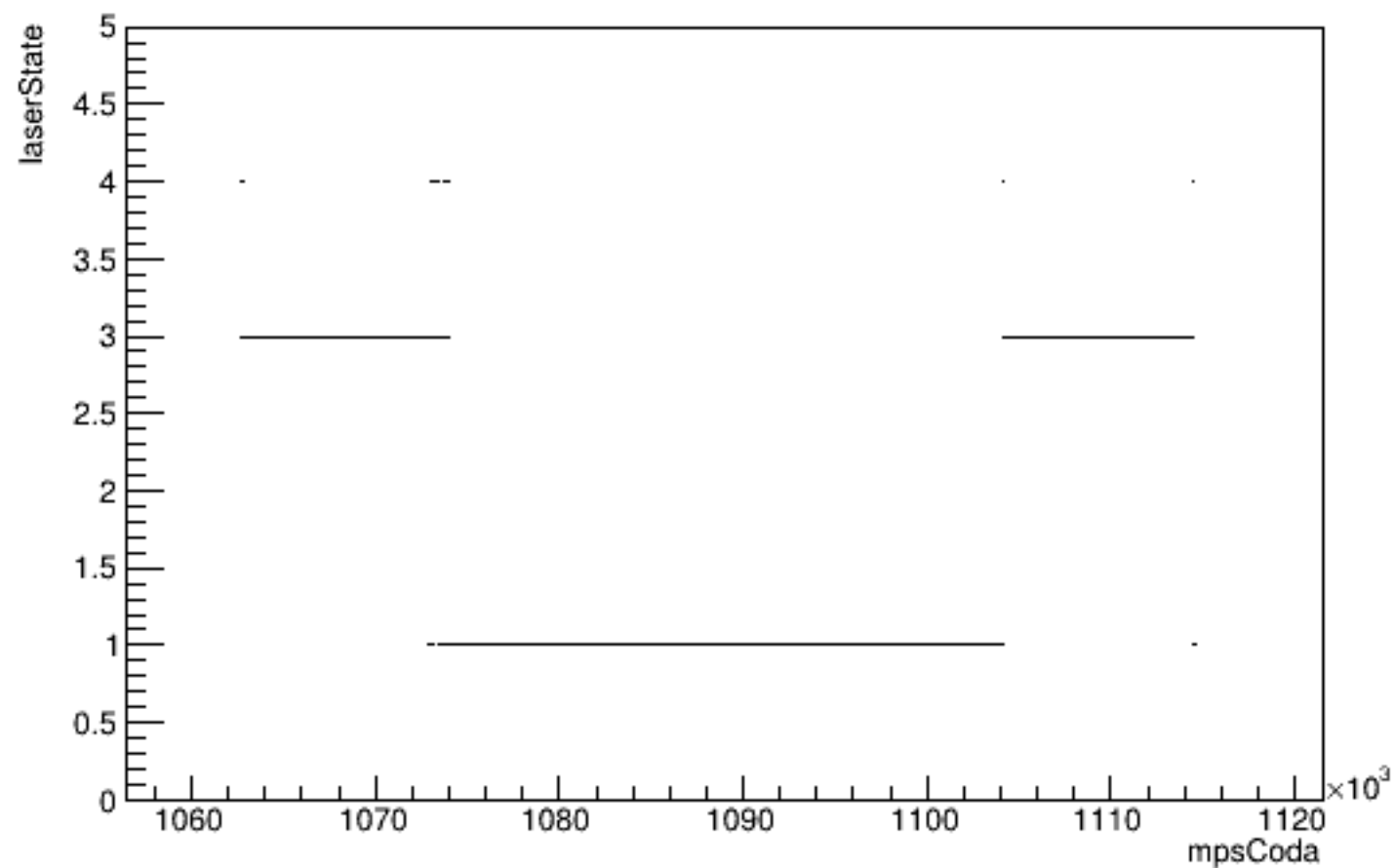
Run 4402 quartetwise, Asyms



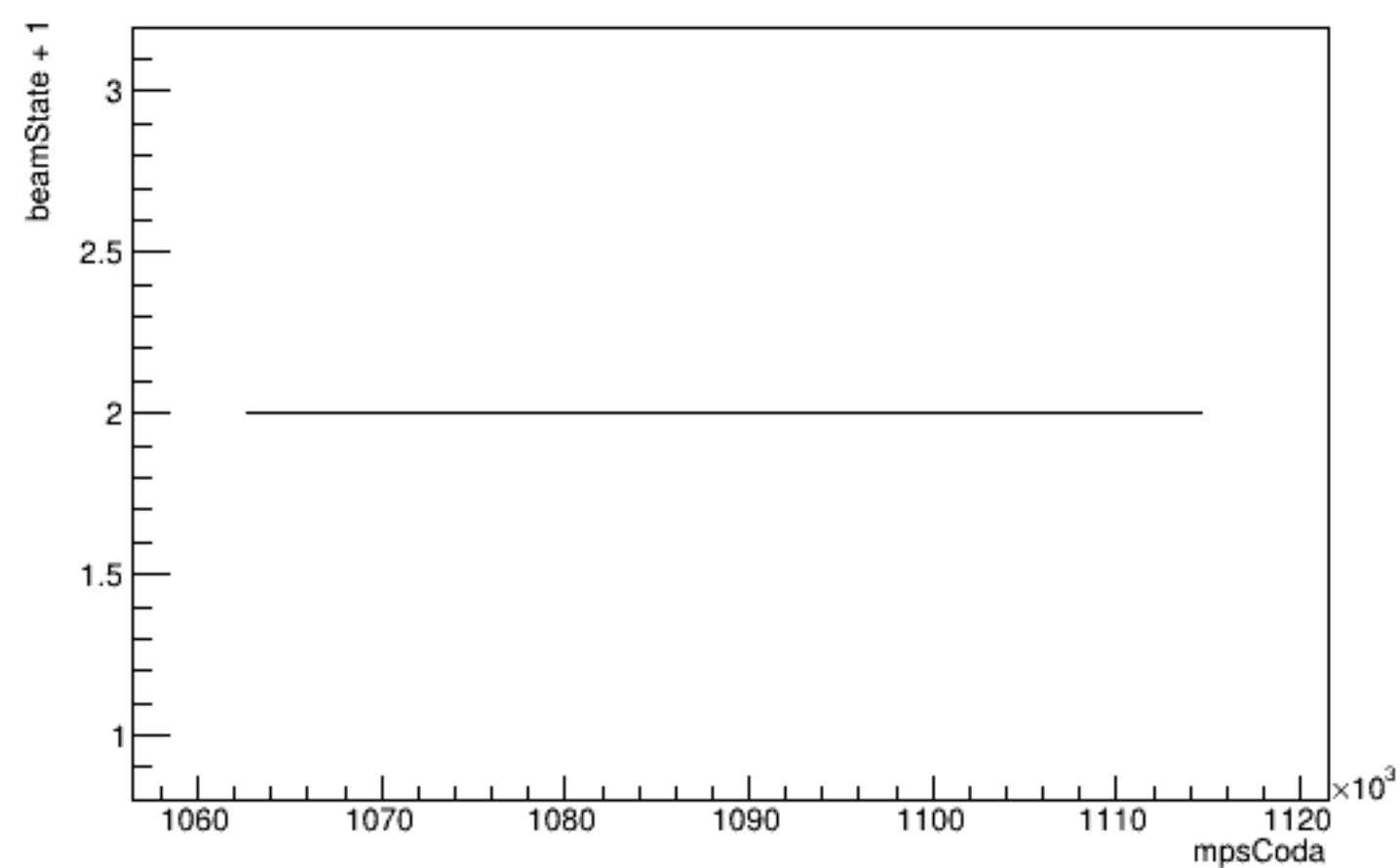
Acc0/NAcc0:mpsCoda (mpsCoda>=1062687 && mpsCoda<=1114542 && beamState==1)



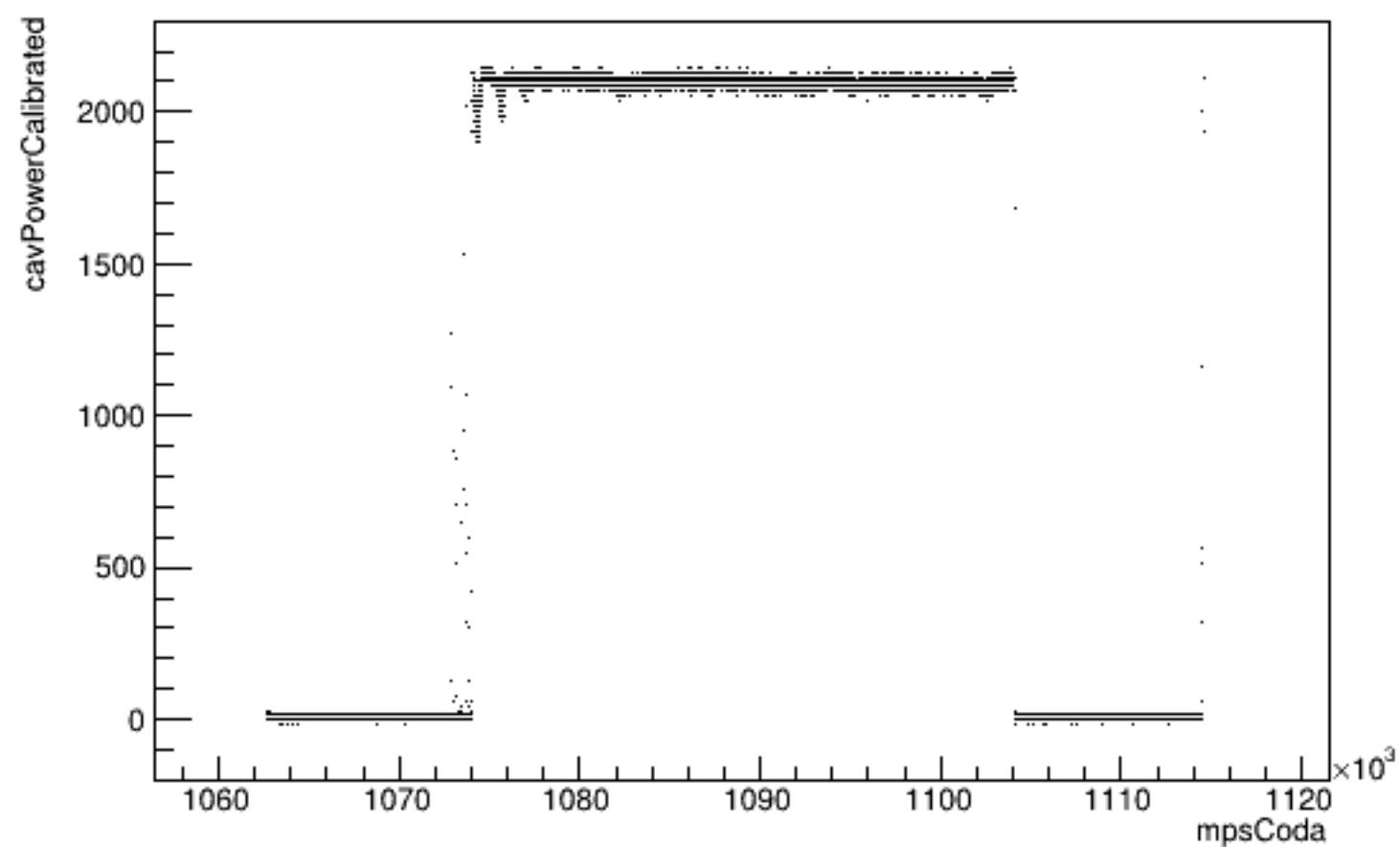
laserState:mpsCoda {mpsCoda>=1062687 && mpsCoda<=1114542}



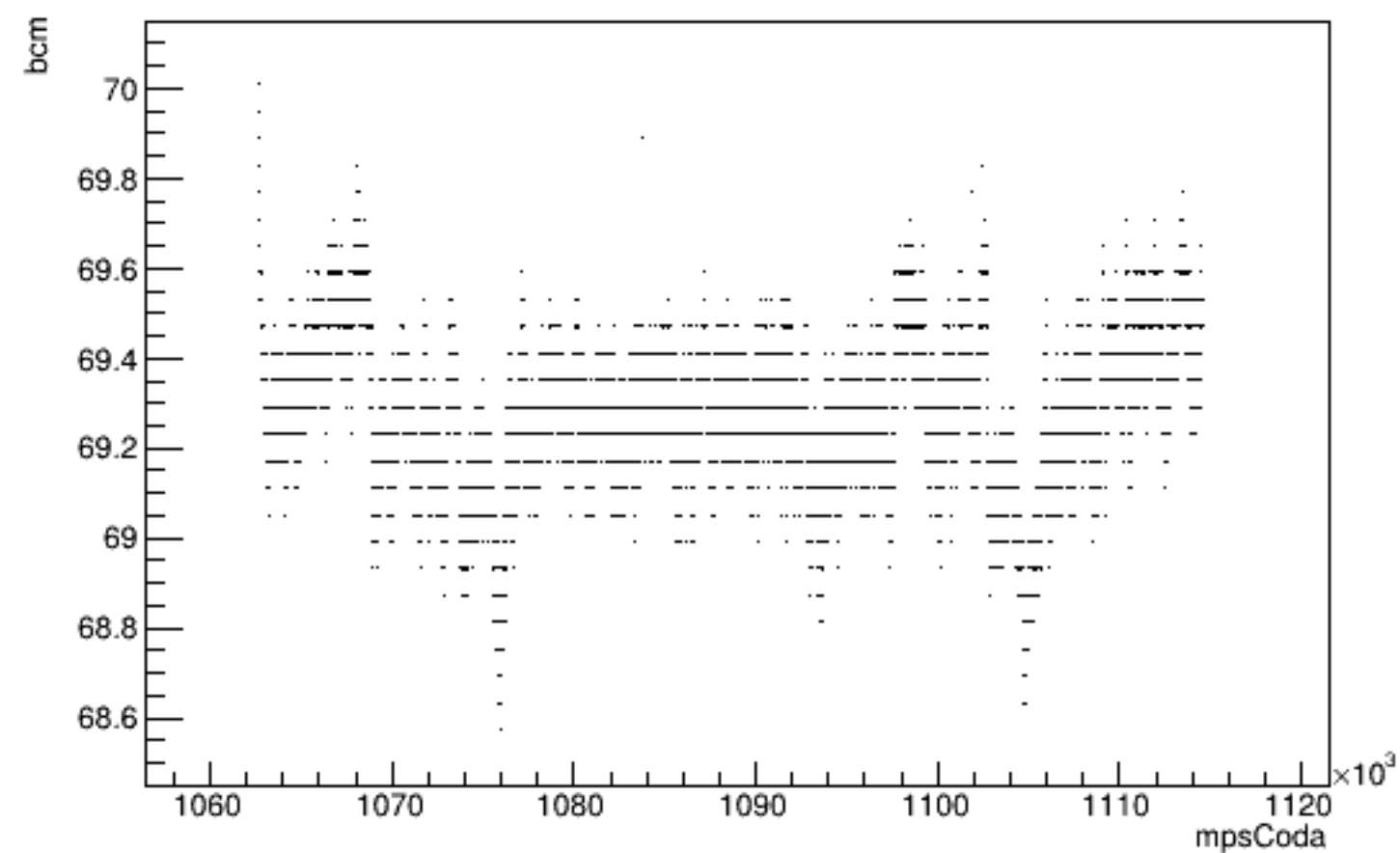
beamState + 1:mpsCoda {mpsCoda>=1062687 && mpsCoda<=1114542}



cavPowerCalibrated:mpsCoda {mpsCoda>=1062687 && mpsCoda<=1114542}



bcm:mpsCoda {mpsCoda>=1062687 && mpsCoda<=1114542}



Cycle 22, Diffs

Entries: 1304

Mean: -0.0066 +/- 0.0075

Std Dev: 0.2696 +/- 0.0053

Entries: 3651

Mean: -0.0891 +/- 0.0052

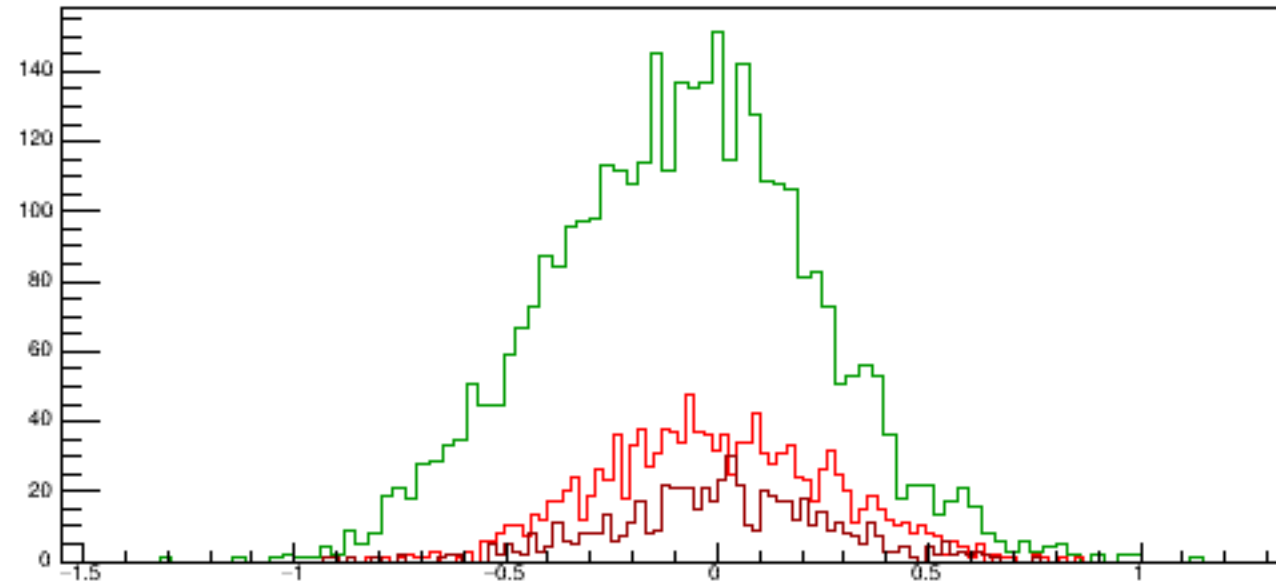
Std Dev: 0.3169 +/- 0.0037

Entries: 614

Mean: 0.0037 +/- 0.0107

Std Dev: 0.2642 +/- 0.0075

Run 4402 quartetwise, Diffs



Cycle 22, Sums

Entries: 1304

Mean: 15.7123 +/- 0.0089

Std Dev: 0.3196 +/- 0.0063

Entries: 3651

Mean: 20.6475 +/- 0.0068

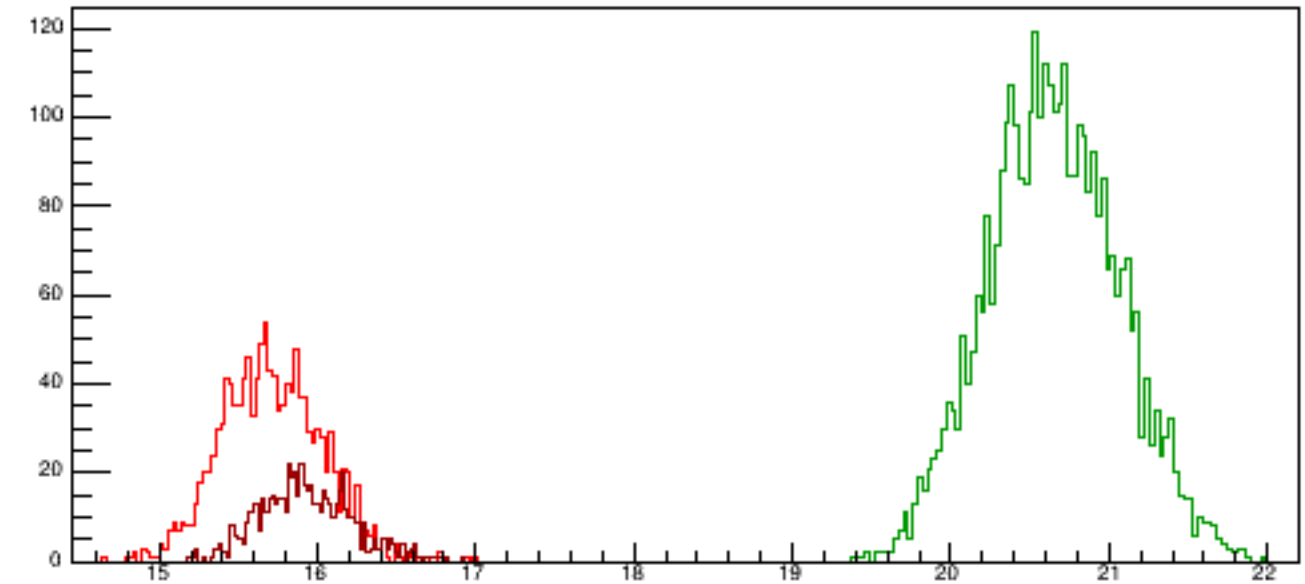
Std Dev: 0.4134 +/- 0.0048

Entries: 614

Mean: 15.9343 +/- 0.0119

Std Dev: 0.2939 +/- 0.0084

Run 4402 quartetwise, Sums



Cycle 22, Asyms

Entries: 1304

Mean: -0.0014 +/- 0.0015

Std Dev: 0.0559 +/- 0.0011

Entries: 3651

Mean: -0.0186 +/- 0.0011

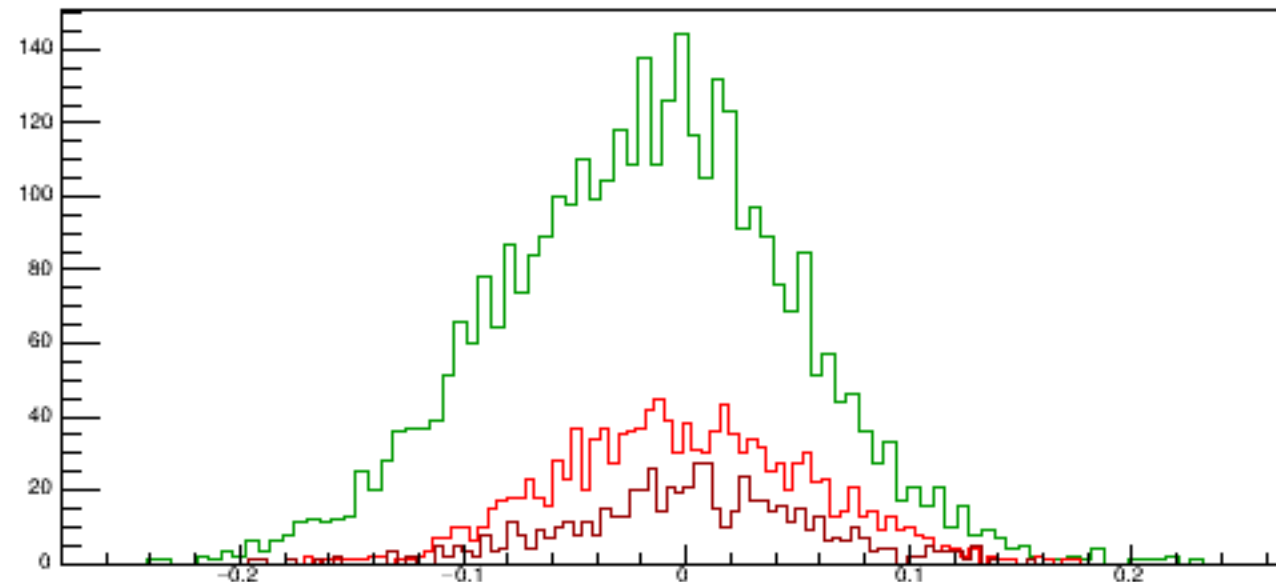
Std Dev: 0.0661 +/- 0.0008

Entries: 614

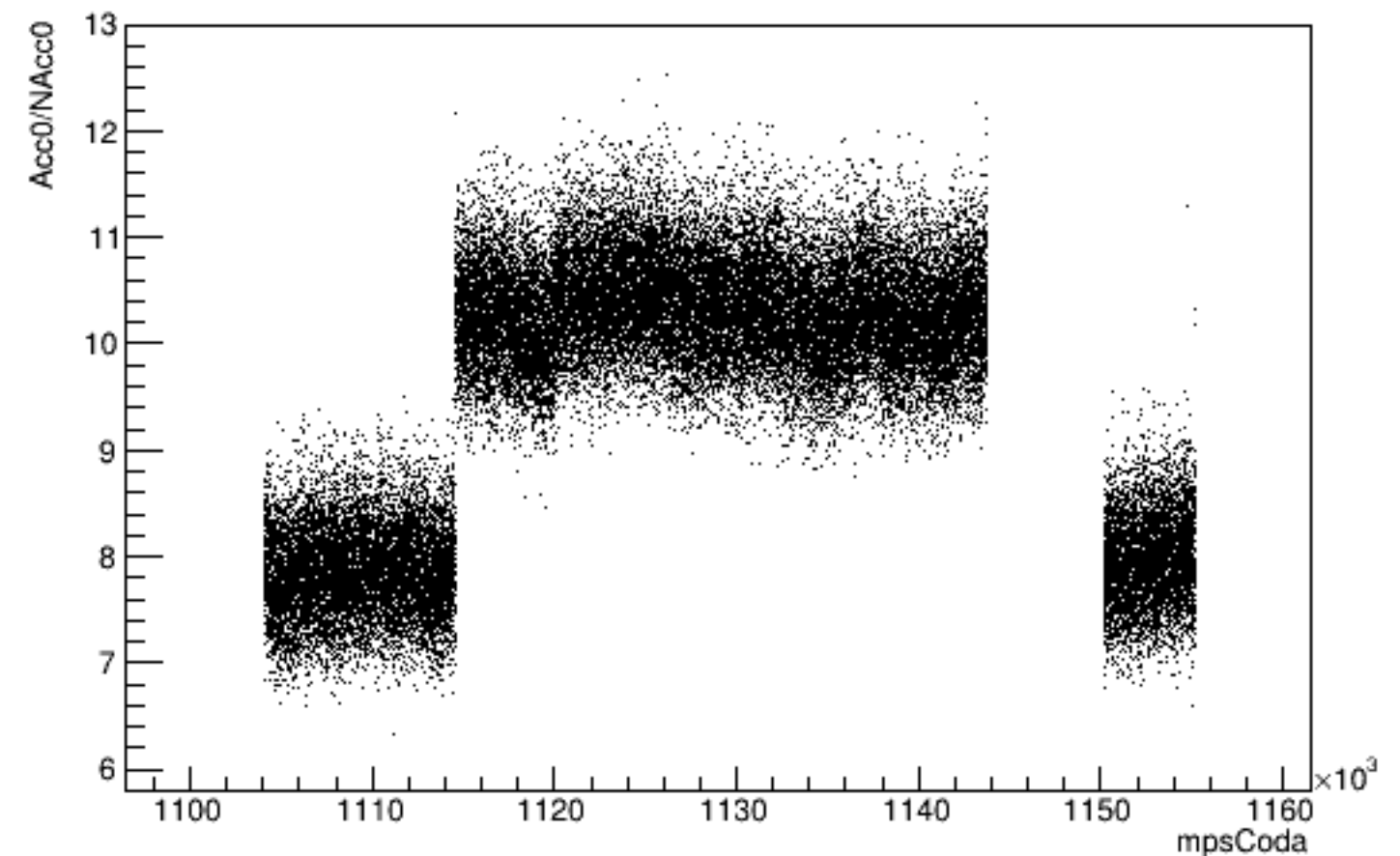
Mean: 0.0008 +/- 0.0022

Std Dev: 0.0548 +/- 0.0016

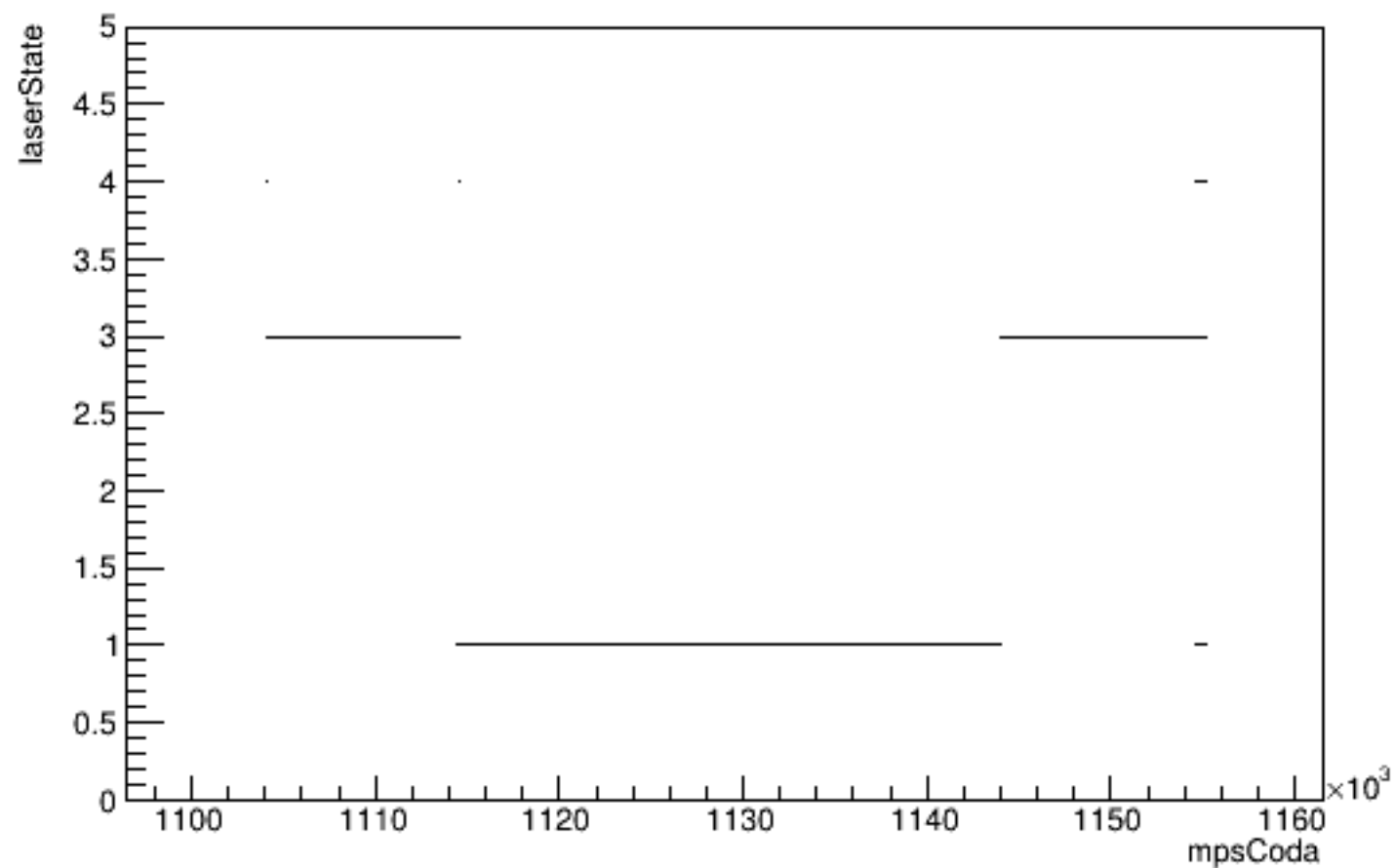
Run 4402 quartetwise, Asyms



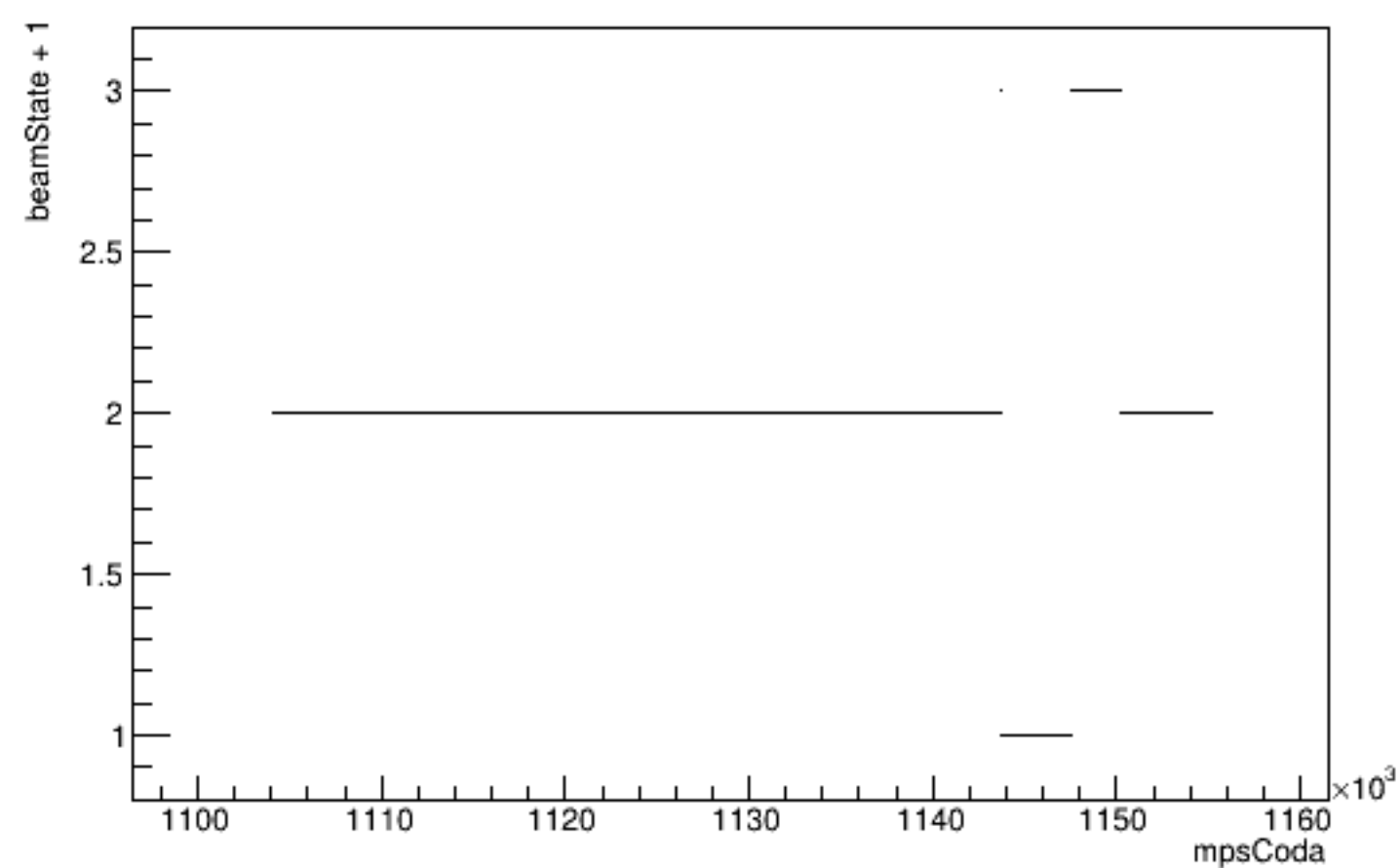
Acc0/NAcc0:mpsCoda (mpsCoda>=1104079 && mpsCoda<=1155190 && beamState==1)



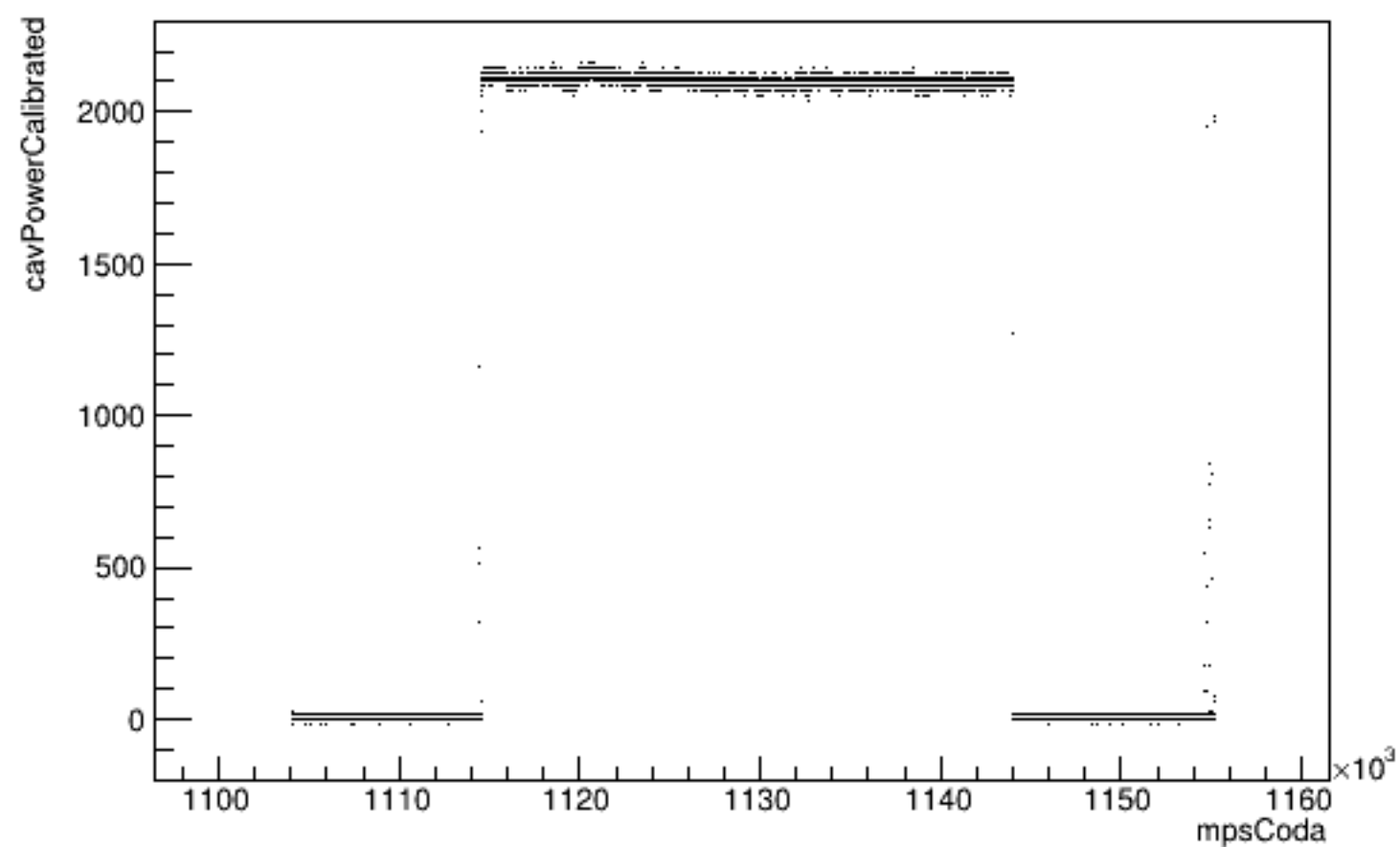
laserState:mpsCoda {mpsCoda>=1104079 && mpsCoda<=1155190}



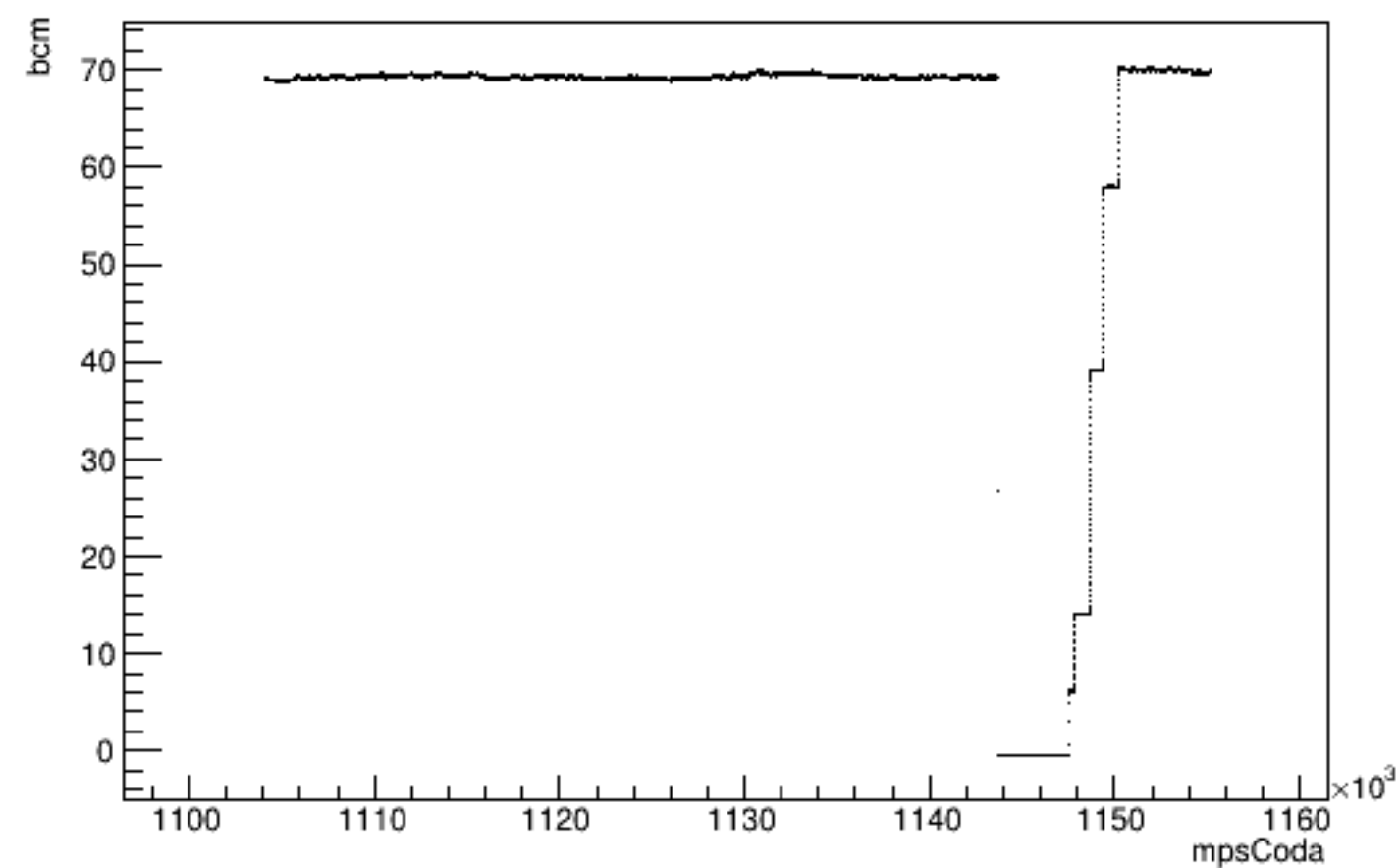
beamState + 1:mpsCoda {mpsCoda>=1104079 && mpsCoda<=1155190}



cavPowerCalibrated:mpsCoda {mpsCoda>=1104079 && mpsCoda<=1155190}

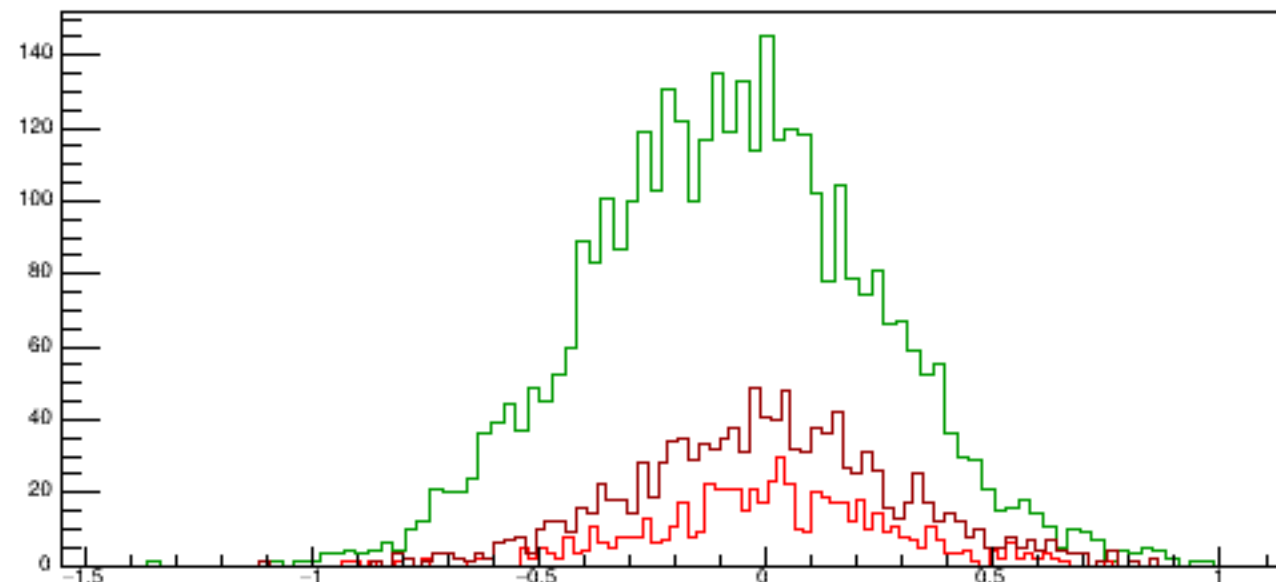


bcm:mpsCoda {mpsCoda>=1104079 && mpsCoda<=1155190}



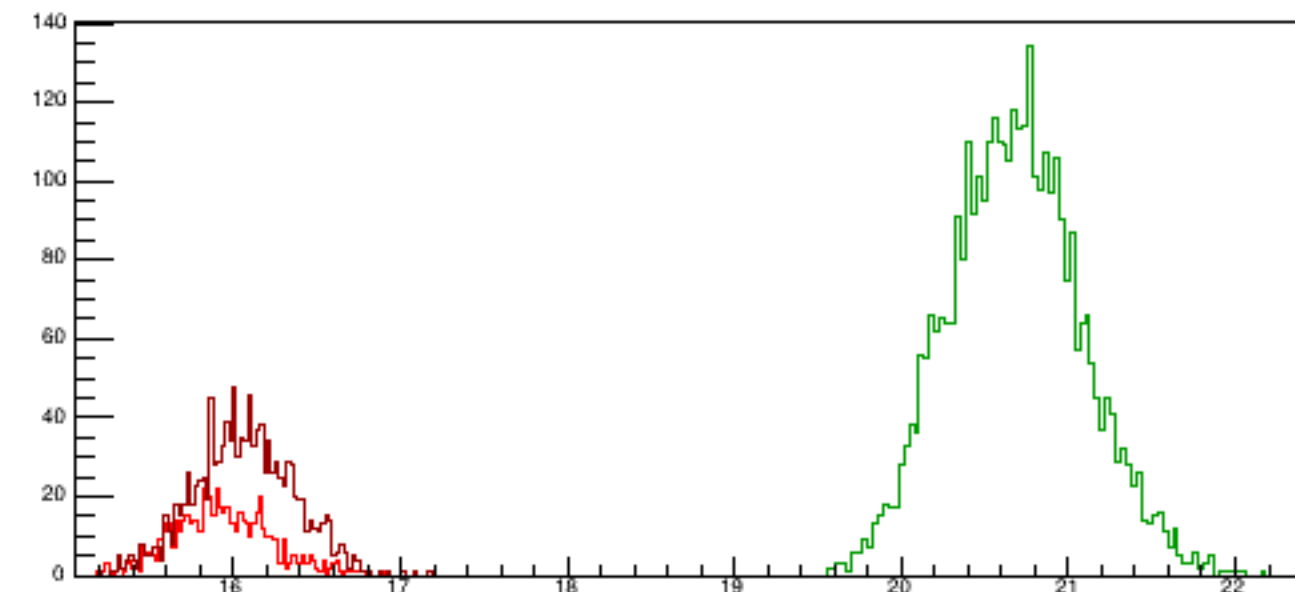
Cycle 23, Diffs

Entries: 614	Entries: 3713	Entries: 1202
Mean: 0.0037 +/- 0.0107	Mean: -0.0762 +/- 0.0052	Mean: -0.0034 +/- 0.0083
Std Dev: 0.2642 +/- 0.0075	Std Dev: 0.3158 +/- 0.0037	Std Dev: 0.2882 +/- 0.0059
Run 4402 quartetwise, Diffs		



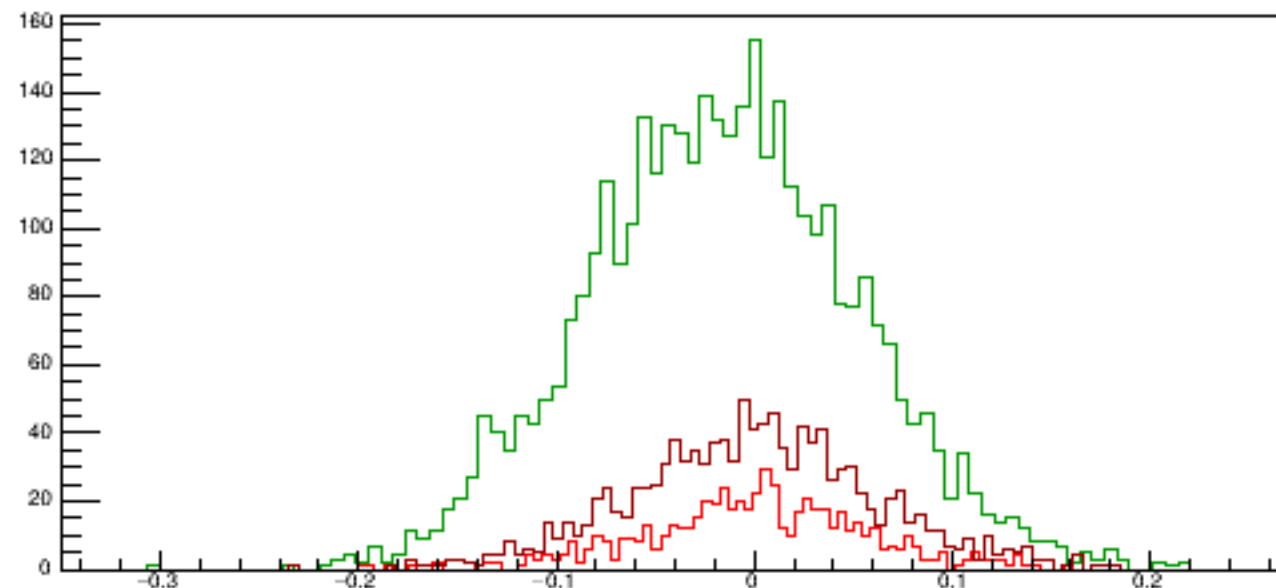
Cycle 23, Sums

Entries: 614	Entries: 3713	Entries: 1202
Mean: 15.9343 +/- 0.0119	Mean: 20.6822 +/- 0.0065	Mean: 16.0634 +/- 0.0087
Std Dev: 0.2939 +/- 0.0084	Std Dev: 0.3974 +/- 0.0046	Std Dev: 0.3000 +/- 0.0061
Run 4402 quartetwise, Sums		

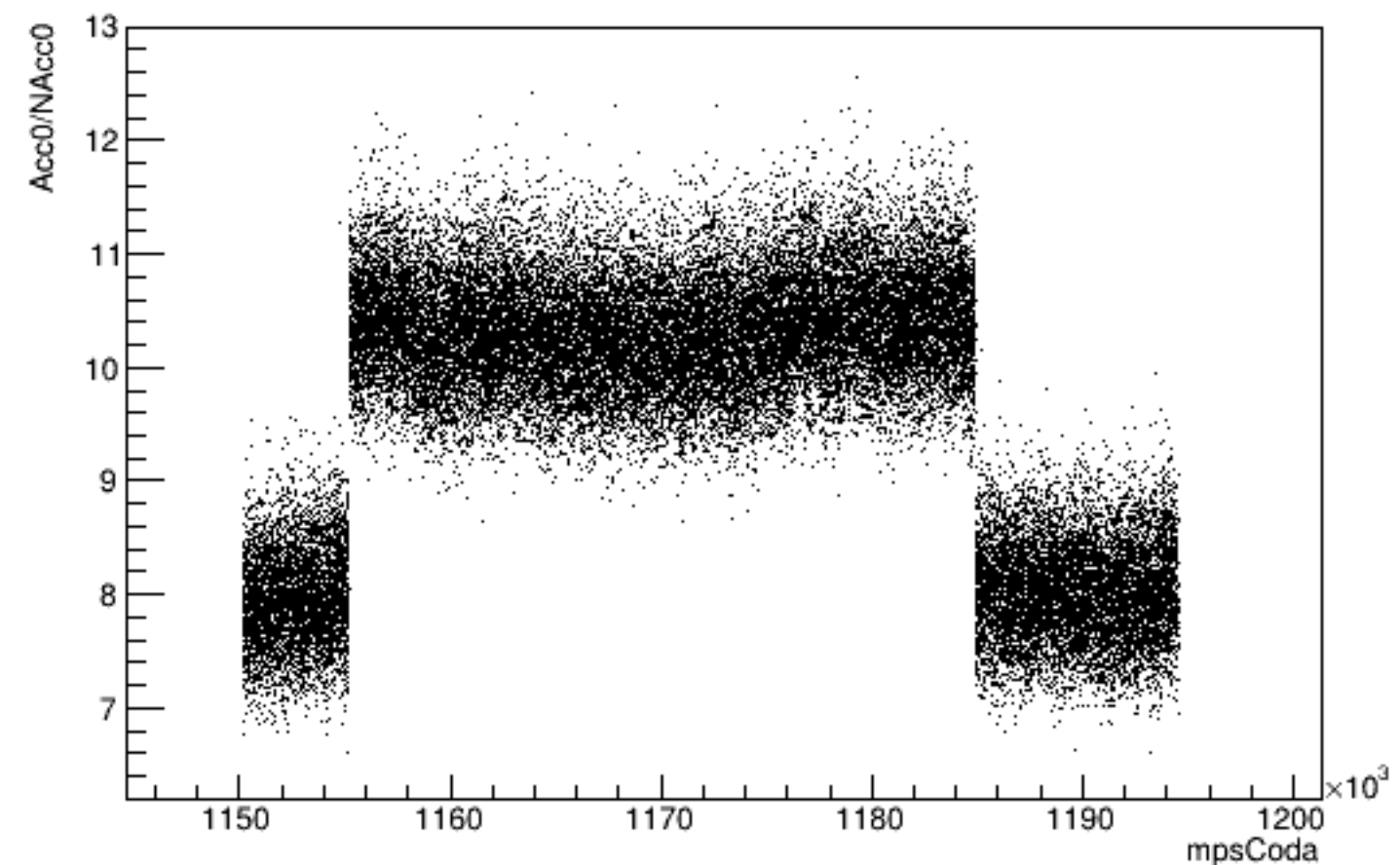


Cycle 23, Asyms

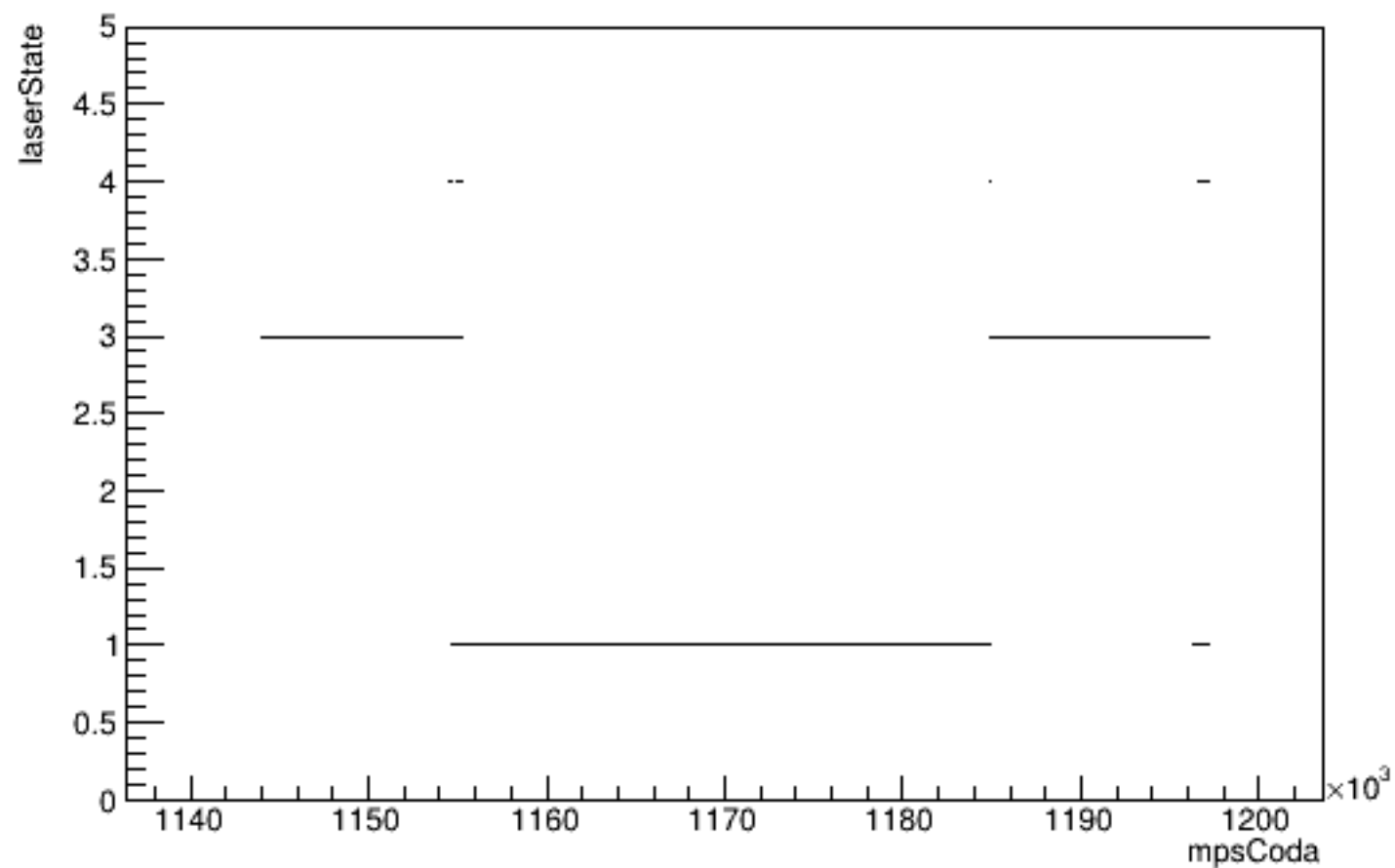
Entries: 614	Entries: 3713	Entries: 1202
Mean: 0.0008 +/- 0.0023	Mean: -0.0163 +/- 0.0011	Mean: -0.0007 +/- 0.0018
Std Dev: 0.0564 +/- 0.0016	Std Dev: 0.0680 +/- 0.0008	Std Dev: 0.0615 +/- 0.0013
Run 4402 quartetwise, Asyms		



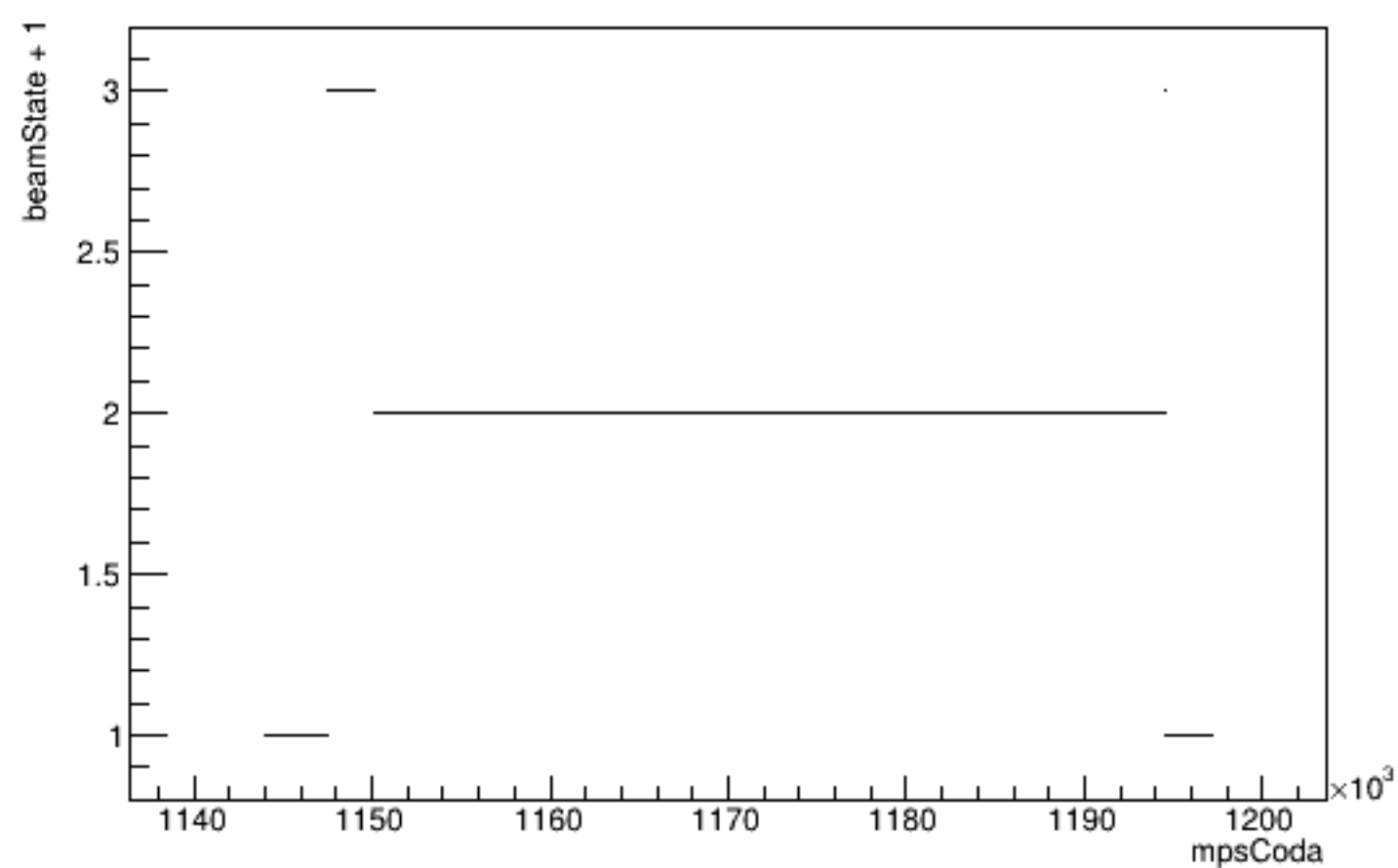
Acc0/NAcc0:mpsCoda (mpsCoda>=1144015 && mpsCoda<=1197238 && beamState==1)



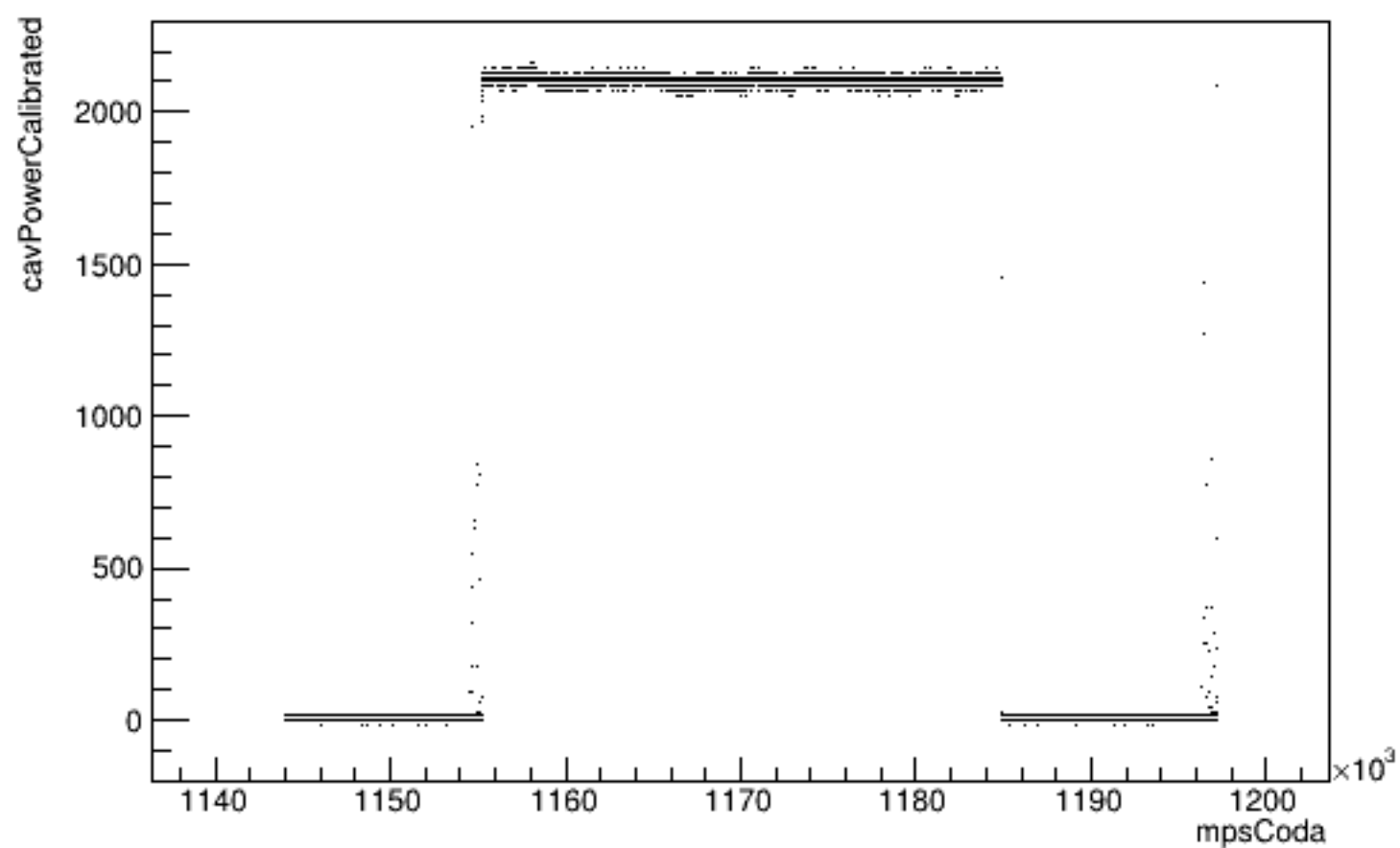
laserState:mpsCoda {mpsCoda>=1144015 && mpsCoda<=1197238}



beamState + 1:mpsCoda {mpsCoda>=1144015 && mpsCoda<=1197238}



cavPowerCalibrated:mpsCoda {mpsCoda>=1144015 && mpsCoda<=1197238}



bcm:mpsCoda {mpsCoda>=1144015 && mpsCoda<=1197238}

