

Cycle 1, Diffs

Entries: 1032

Mean: 0.0114 +/- 0.0118

Std Dev: 0.3805 +/- 0.0084

Entries: 1800

Mean: 0.6914 +/- 0.0117

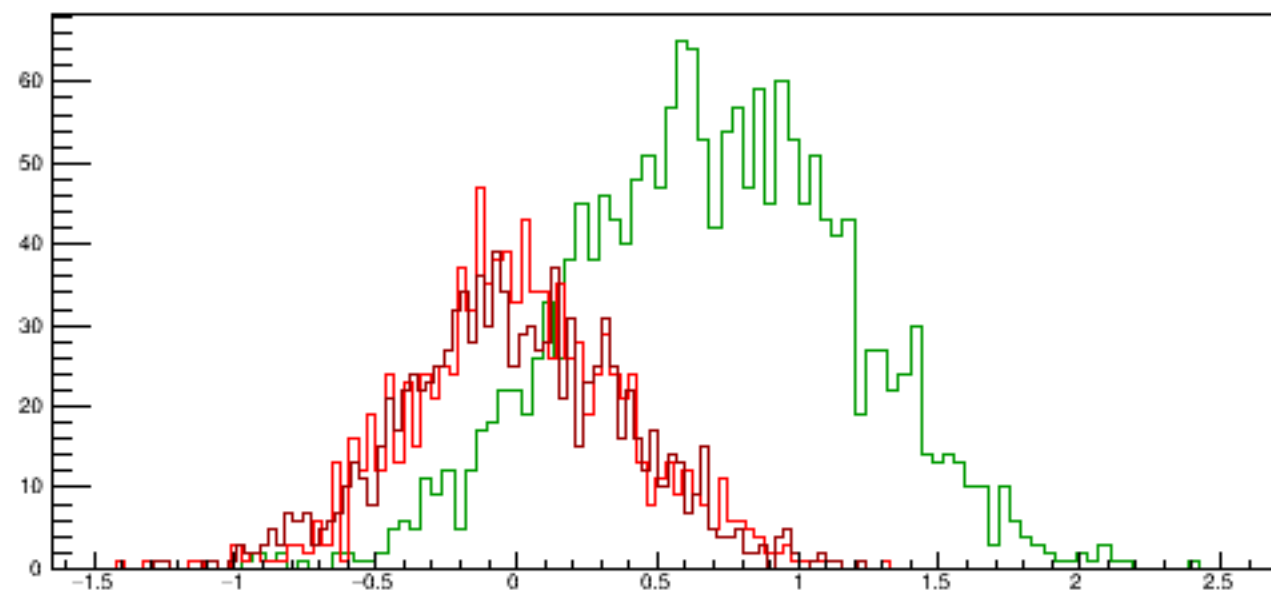
Std Dev: 0.4965 +/- 0.0083

Entries: 1075

Mean: -0.0044 +/- 0.0122

Std Dev: 0.3993 +/- 0.0086

Run 6074 quartetwise, Diffs



Cycle 1, Sums

Entries: 1032

Mean: 6.3076 +/- 0.0138

Std Dev: 0.4437 +/- 0.0098

Entries: 1800

Mean: 28.9275 +/- 0.0129

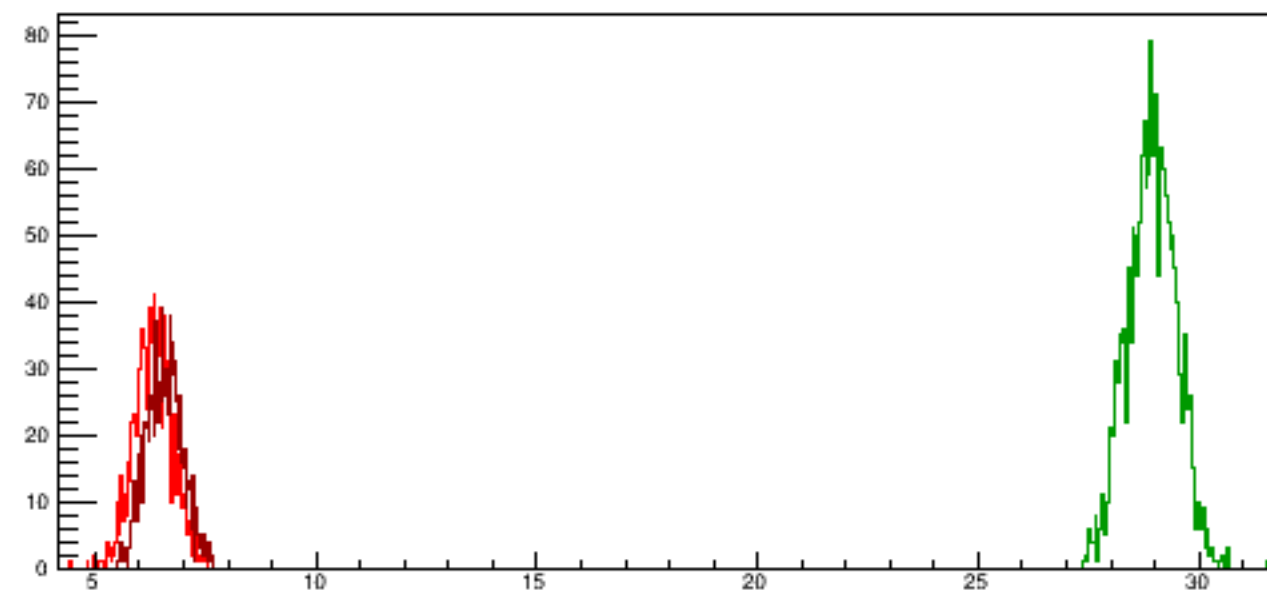
Std Dev: 0.5487 +/- 0.0091

Entries: 1075

Mean: 6.5552 +/- 0.0123

Std Dev: 0.4039 +/- 0.0087

Run 6074 quartetwise, Sums



Cycle 1, Asyms

Entries: 1032

Mean: 0.0005 +/- 0.0005

Std Dev: 0.0169 +/- 0.0004

Entries: 1800

Mean: 0.0308 +/- 0.0005

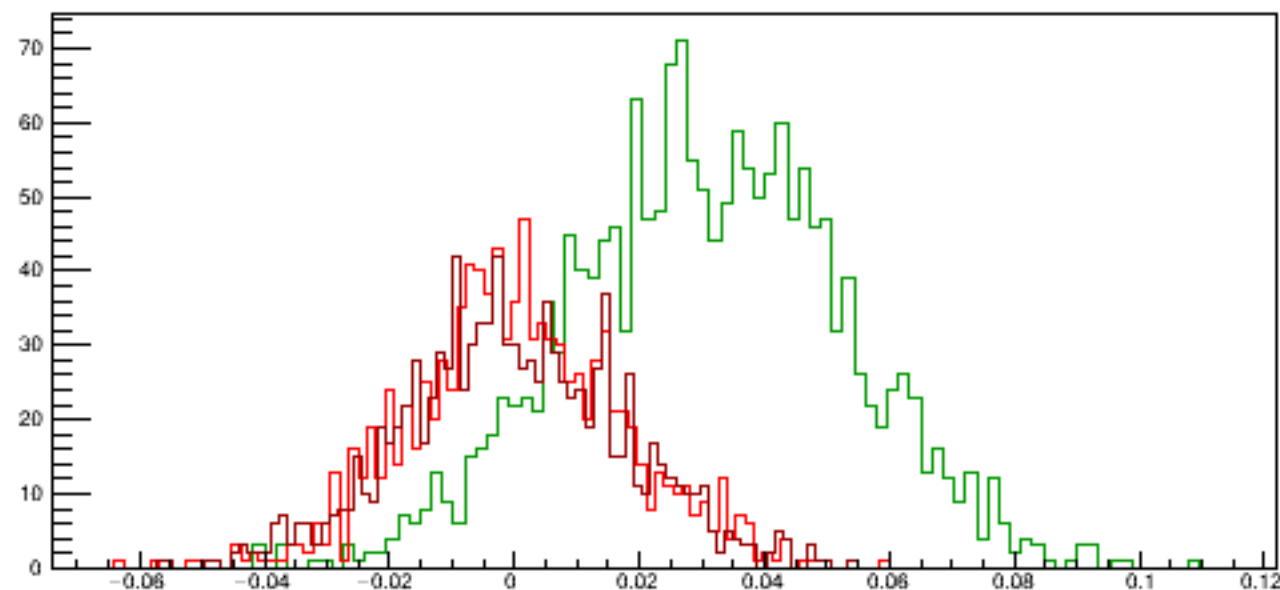
Std Dev: 0.0221 +/- 0.0004

Entries: 1075

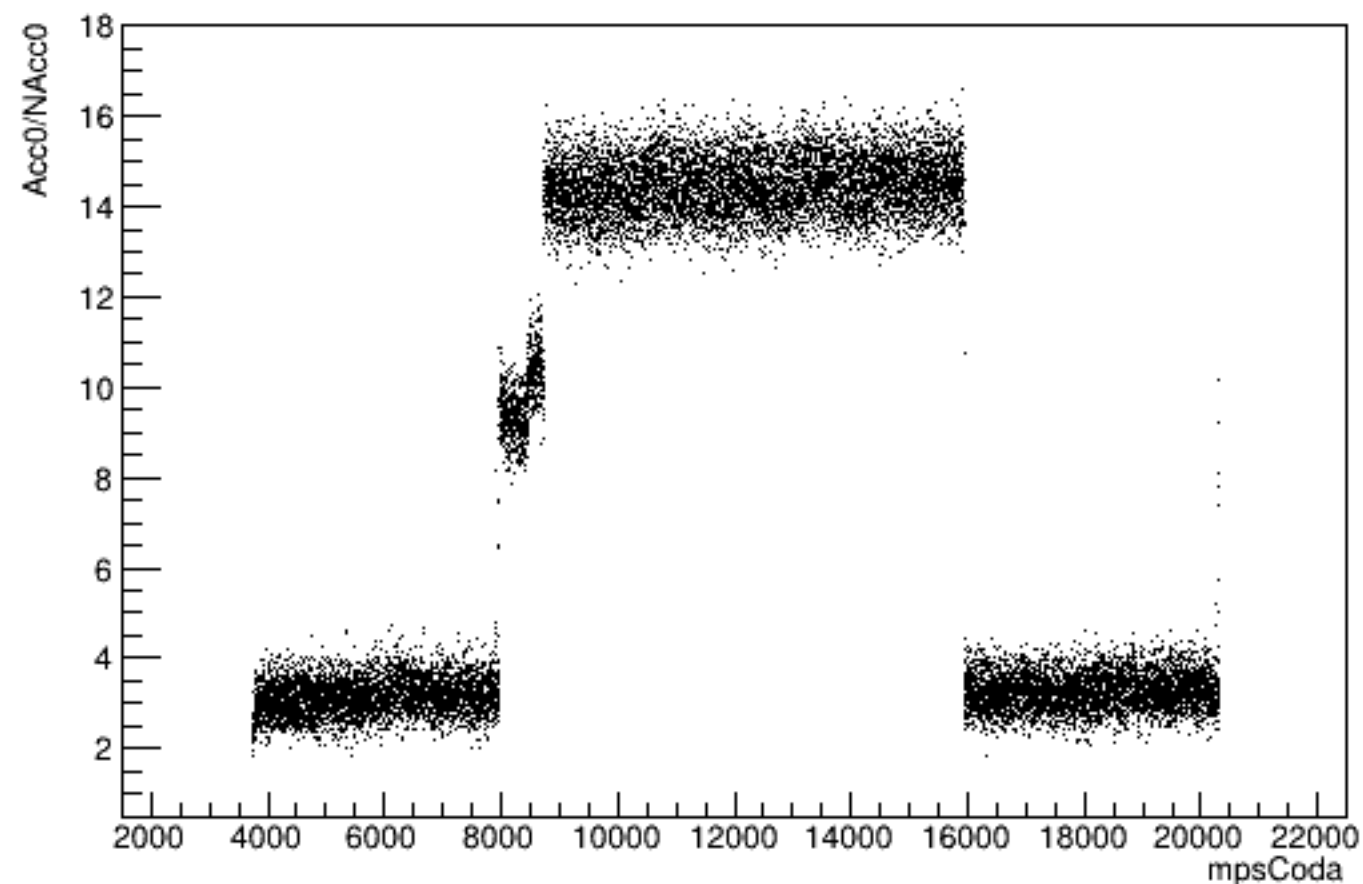
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0177 +/- 0.0004

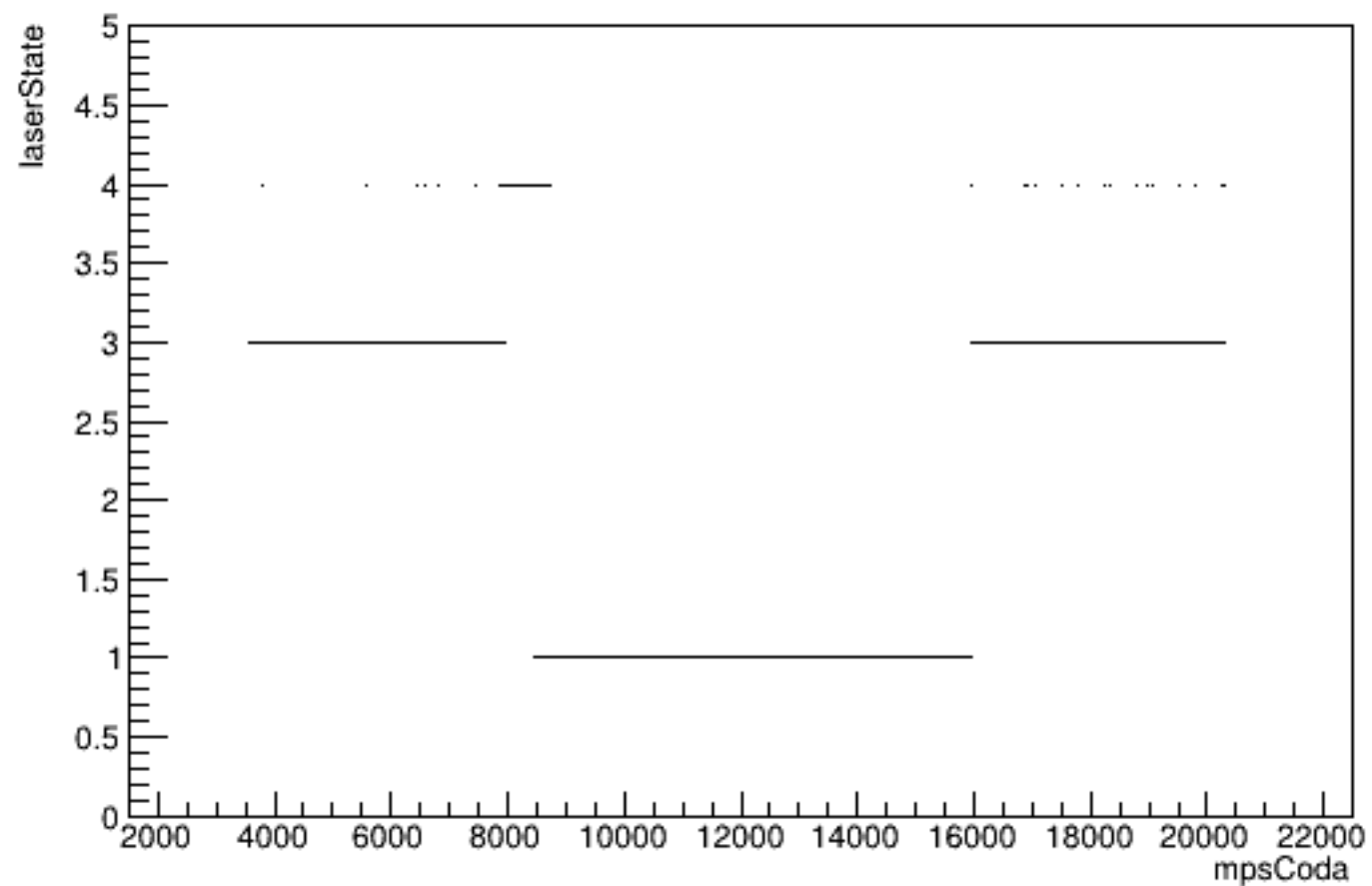
Run 6074 quartetwise, Asyms



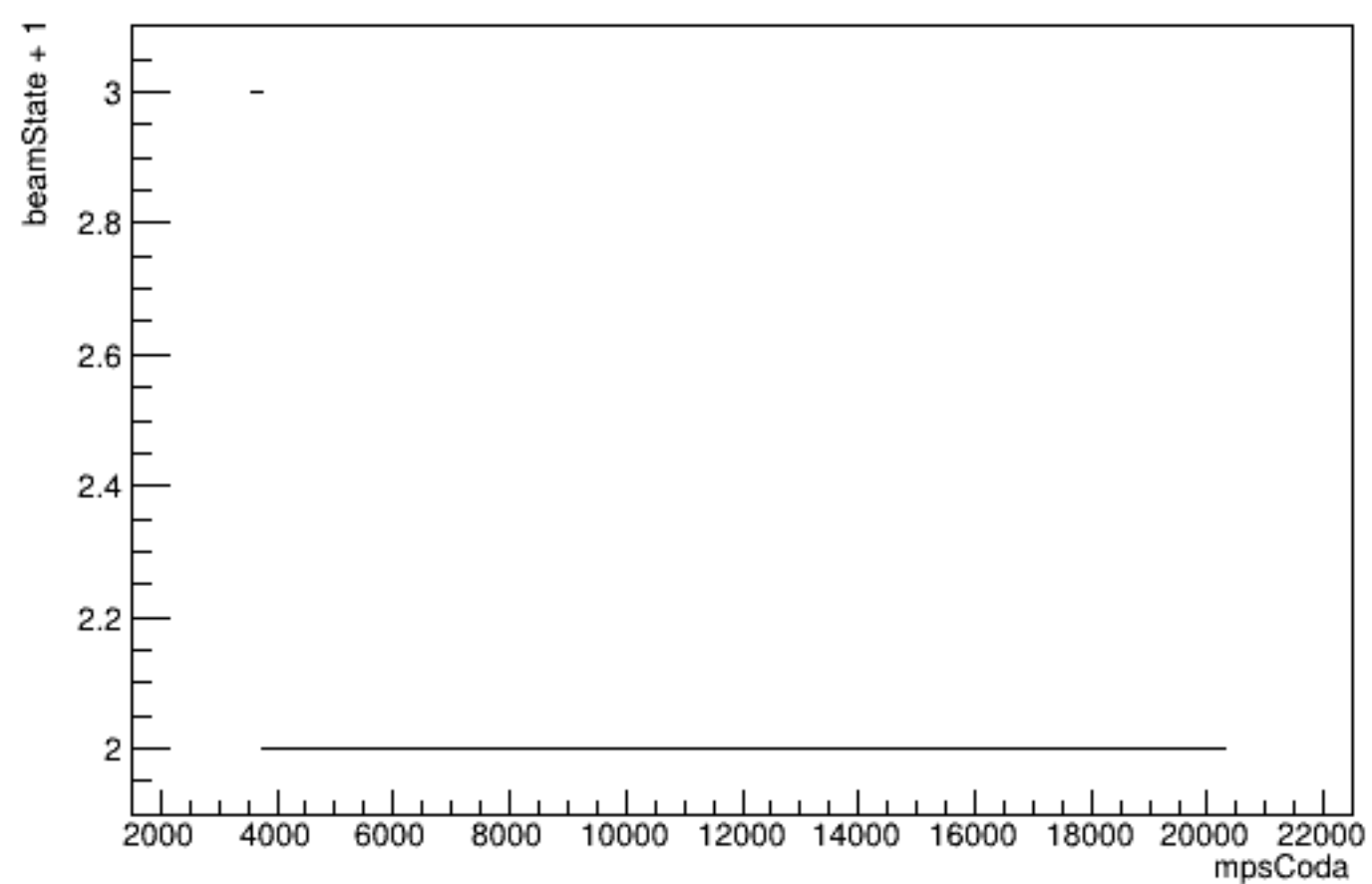
Acc0/NAcc0:mpsCoda (mpsCoda>=3563 && mpsCoda<=20318 && beamState==1)



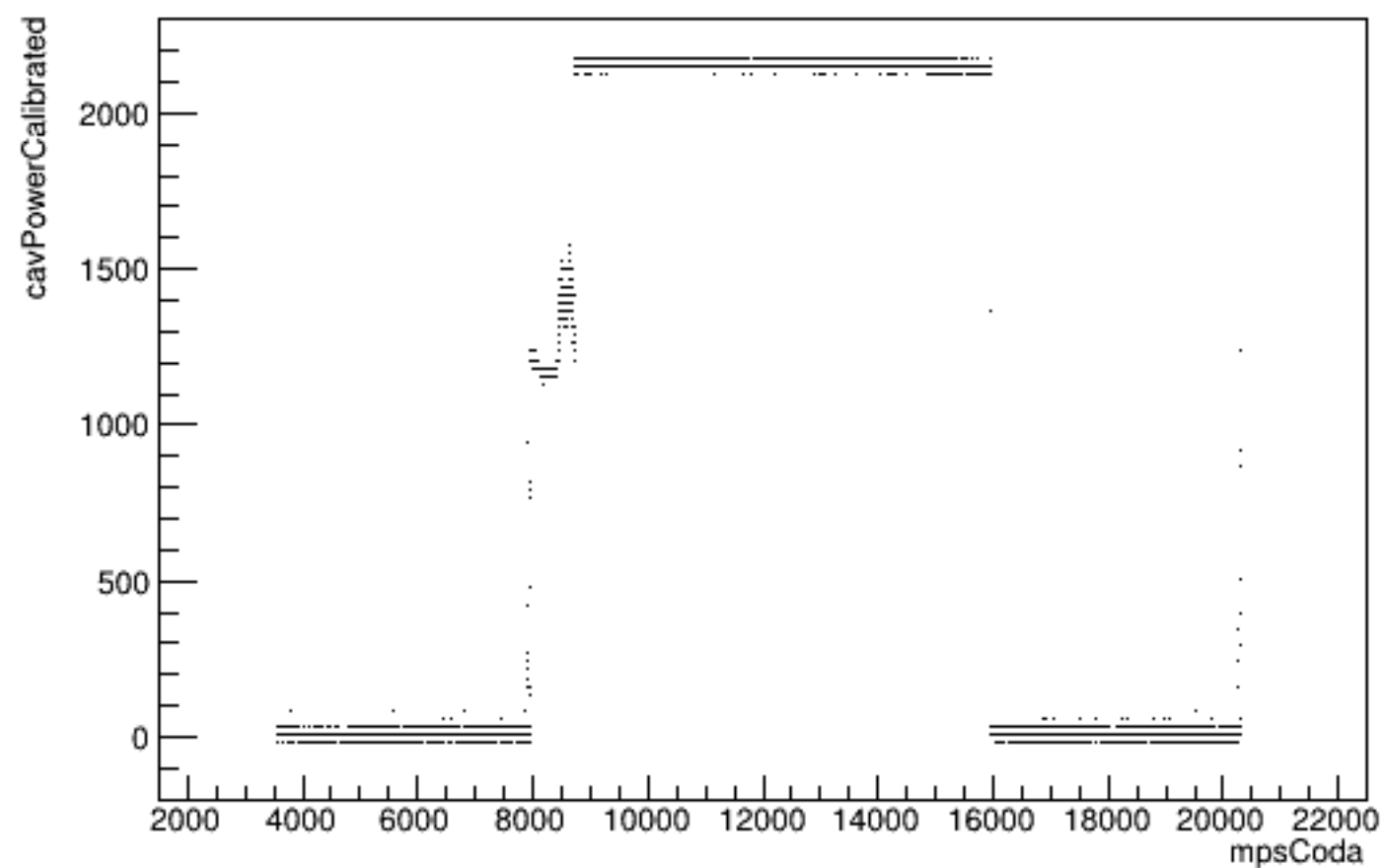
laserState:mpsCoda {mpsCoda>=3563 && mpsCoda<=20318}



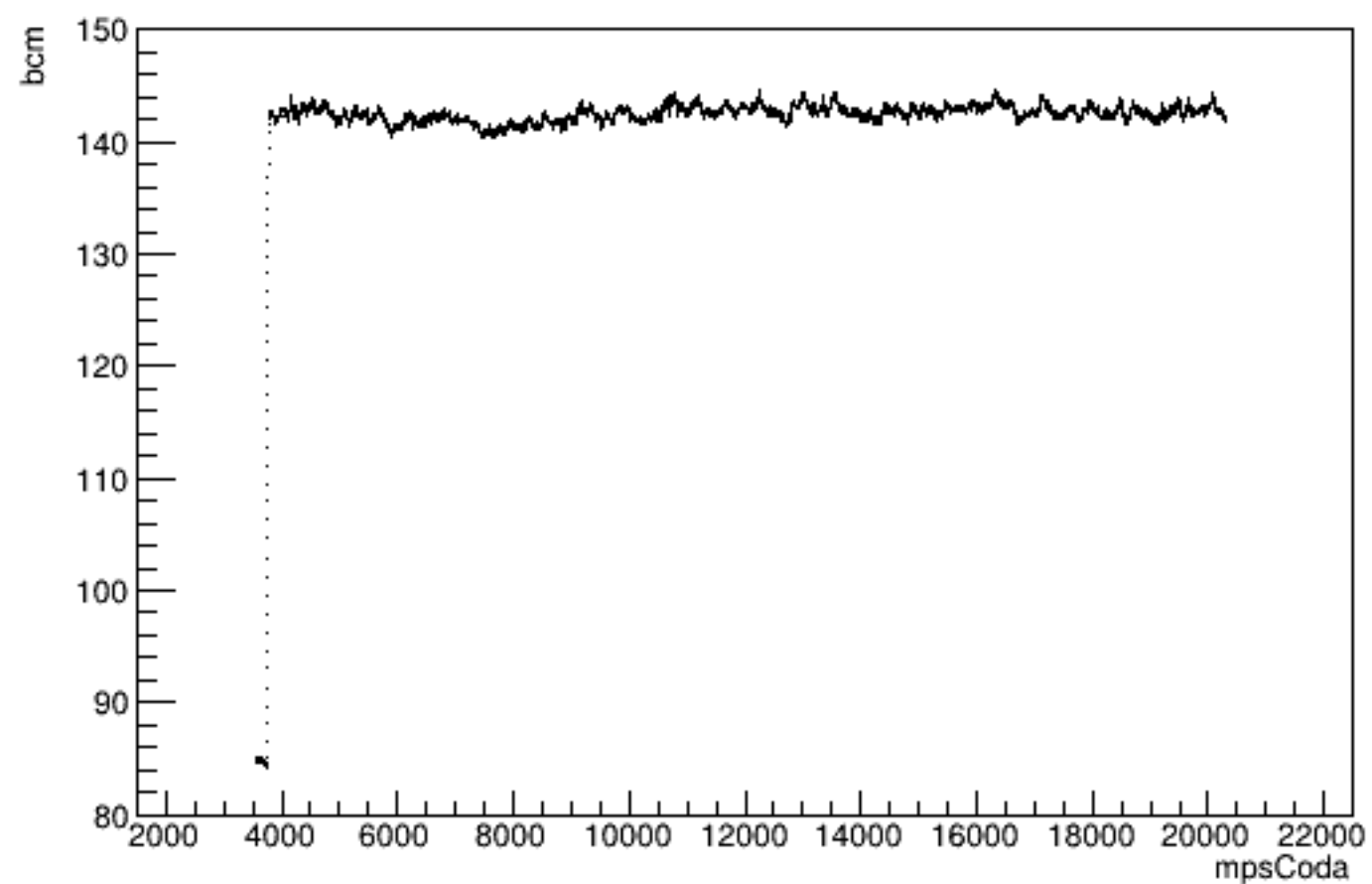
beamState + 1:mpsCoda {mpsCoda>=3563 && mpsCoda<=20318}



cavPowerCalibrated:mpsCoda {mpsCoda>=3563 && mpsCoda<=20318}



bcm:mpsCoda {mpsCoda>=3563 && mpsCoda<=20318}



Cycle 2, Diffs

Entries: 1075

Mean: -0.0044 +/- 0.0122

Std Dev: 0.3993 +/- 0.0086

Entries: 1806

Mean: 0.7017 +/- 0.0121

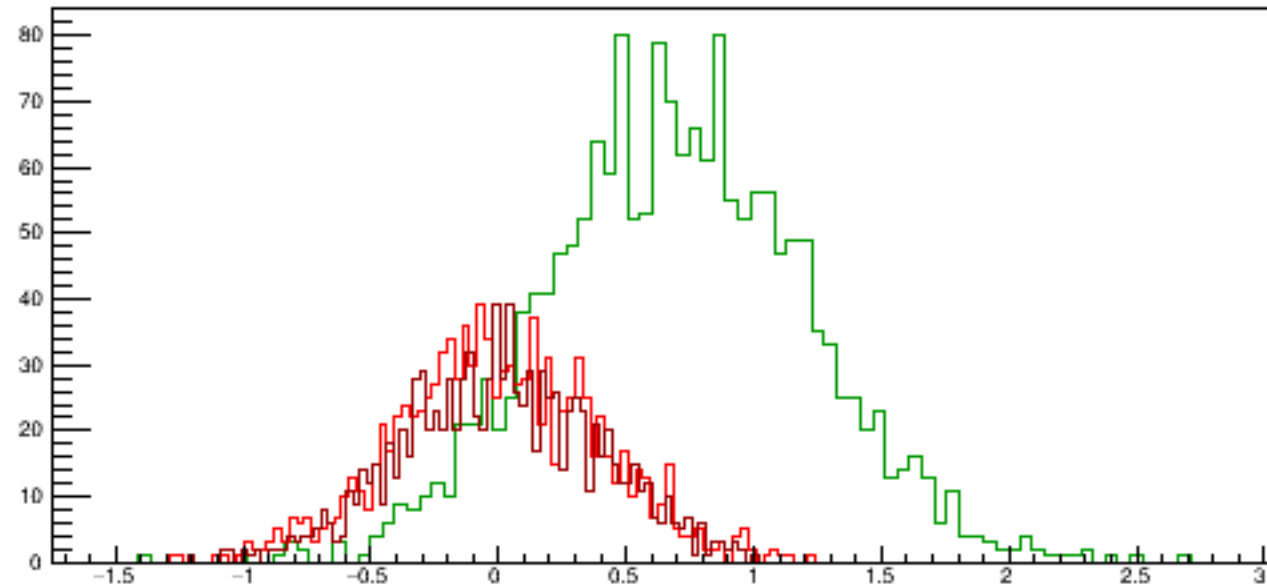
Std Dev: 0.5123 +/- 0.0085

Entries: 1067

Mean: 0.0065 +/- 0.0117

Std Dev: 0.3820 +/- 0.0083

Run 6074 quartetwise, Diffs



Cycle 2, Sums

Entries: 1075

Mean: 6.5552 +/- 0.0123

Std Dev: 0.4039 +/- 0.0087

Entries: 1806

Mean: 29.0583 +/- 0.0159

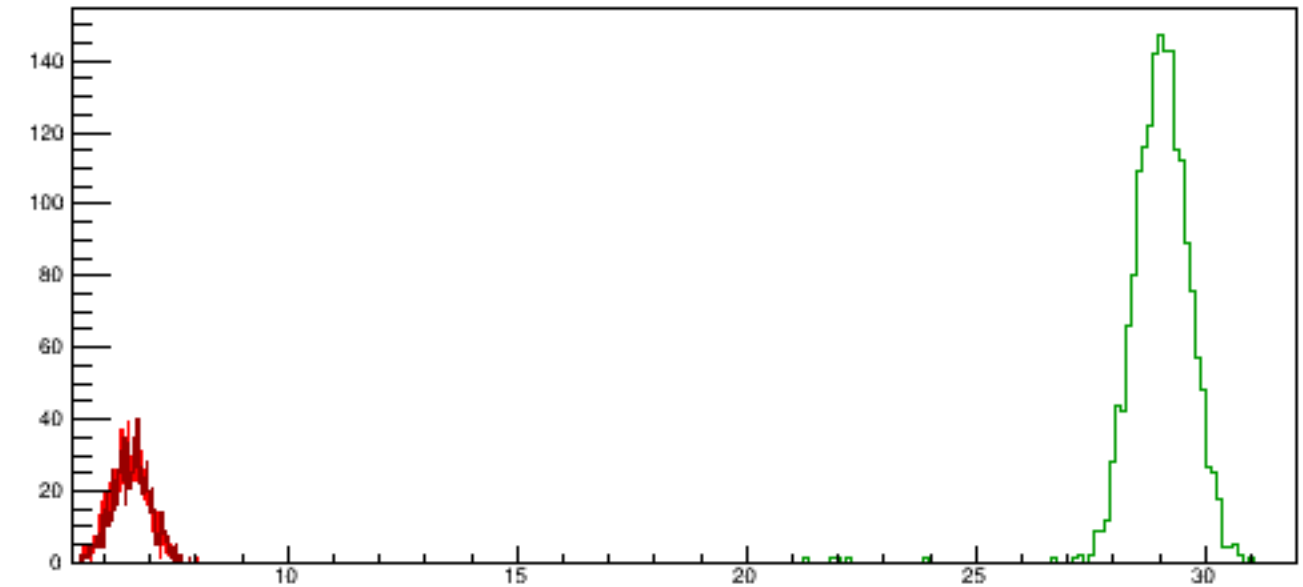
Std Dev: 0.6770 +/- 0.0113

Entries: 1067

Mean: 6.5951 +/- 0.0124

Std Dev: 0.4035 +/- 0.0087

Run 6074 quartetwise, Sums



Cycle 2, Asyms

Entries: 1075

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0178 +/- 0.0004

Entries: 1806

Mean: 0.0312 +/- 0.0005

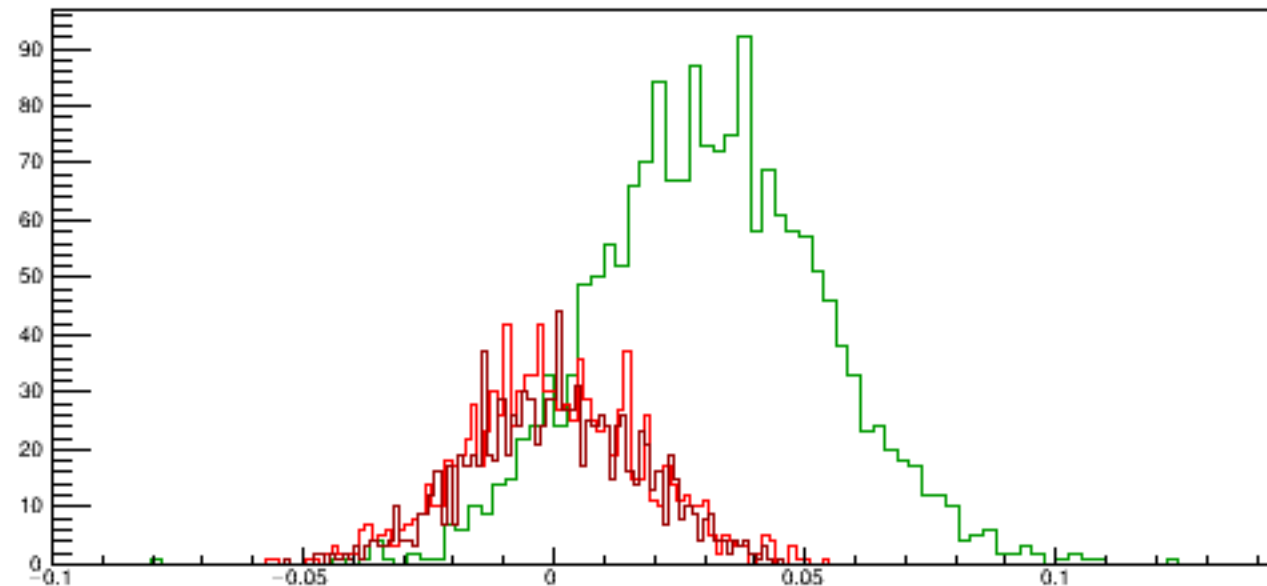
Std Dev: 0.0228 +/- 0.0004

Entries: 1067

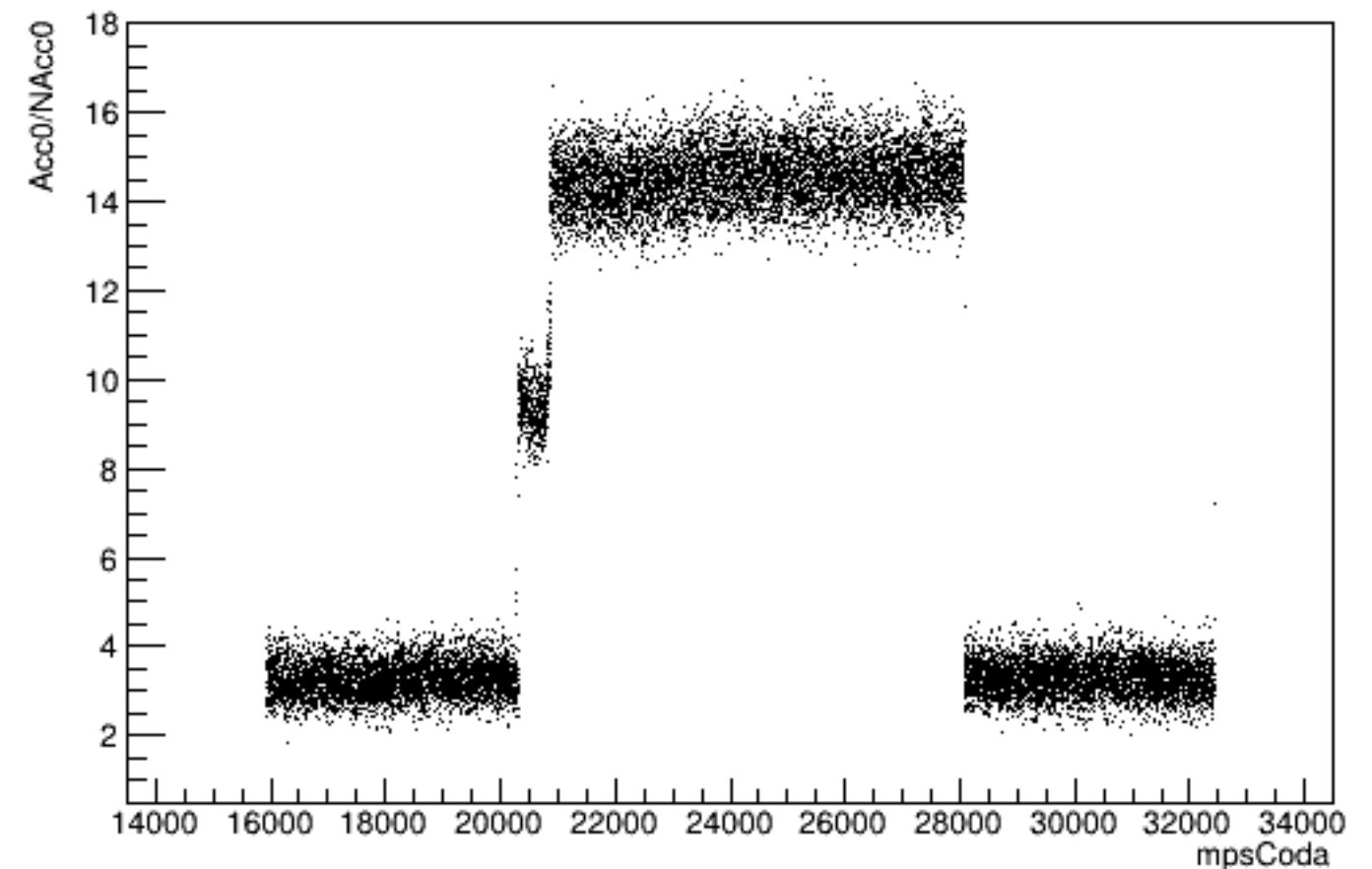
Mean: 0.0003 +/- 0.0005

Std Dev: 0.0170 +/- 0.0004

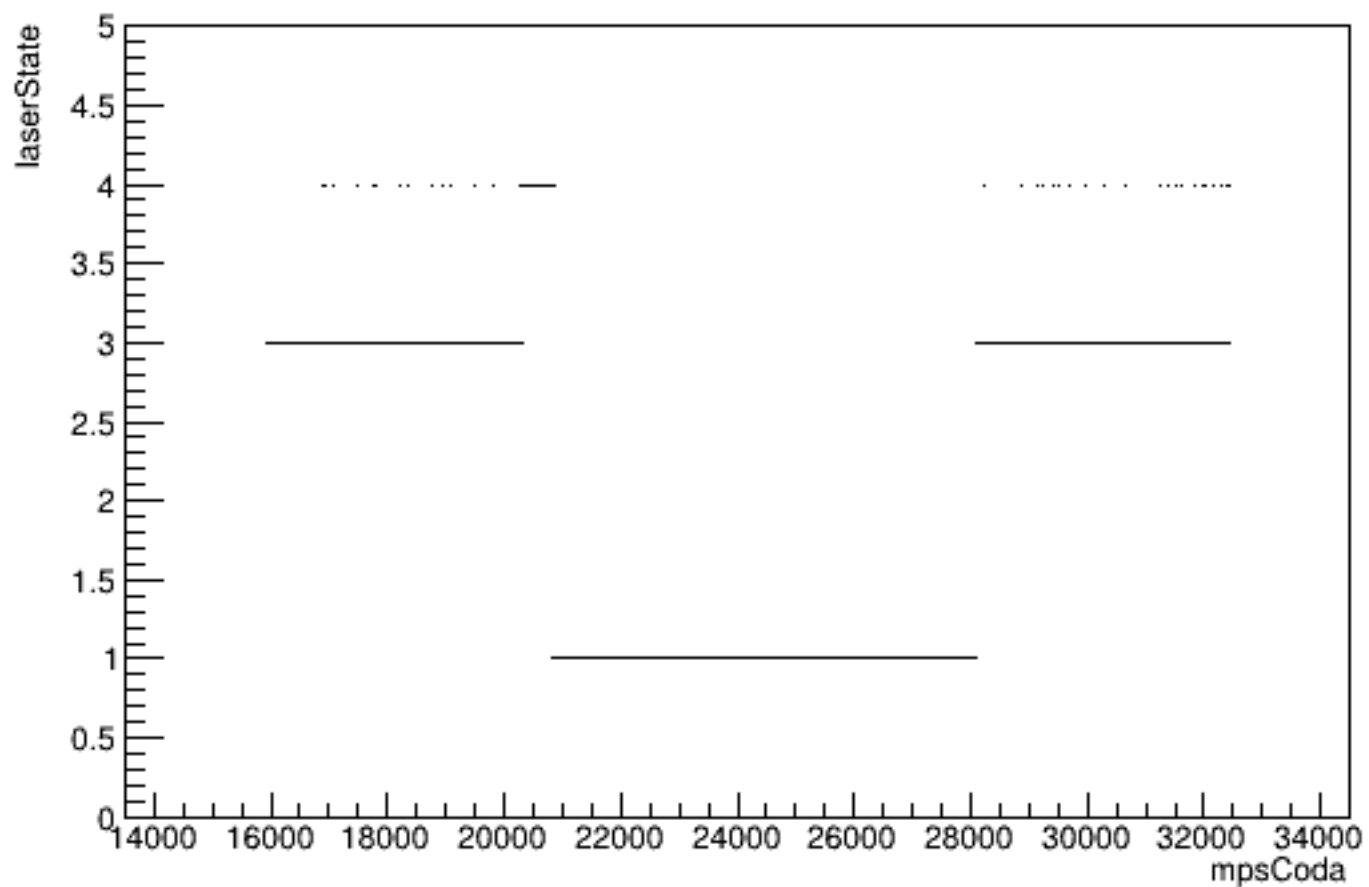
Run 6074 quartetwise, Asyms



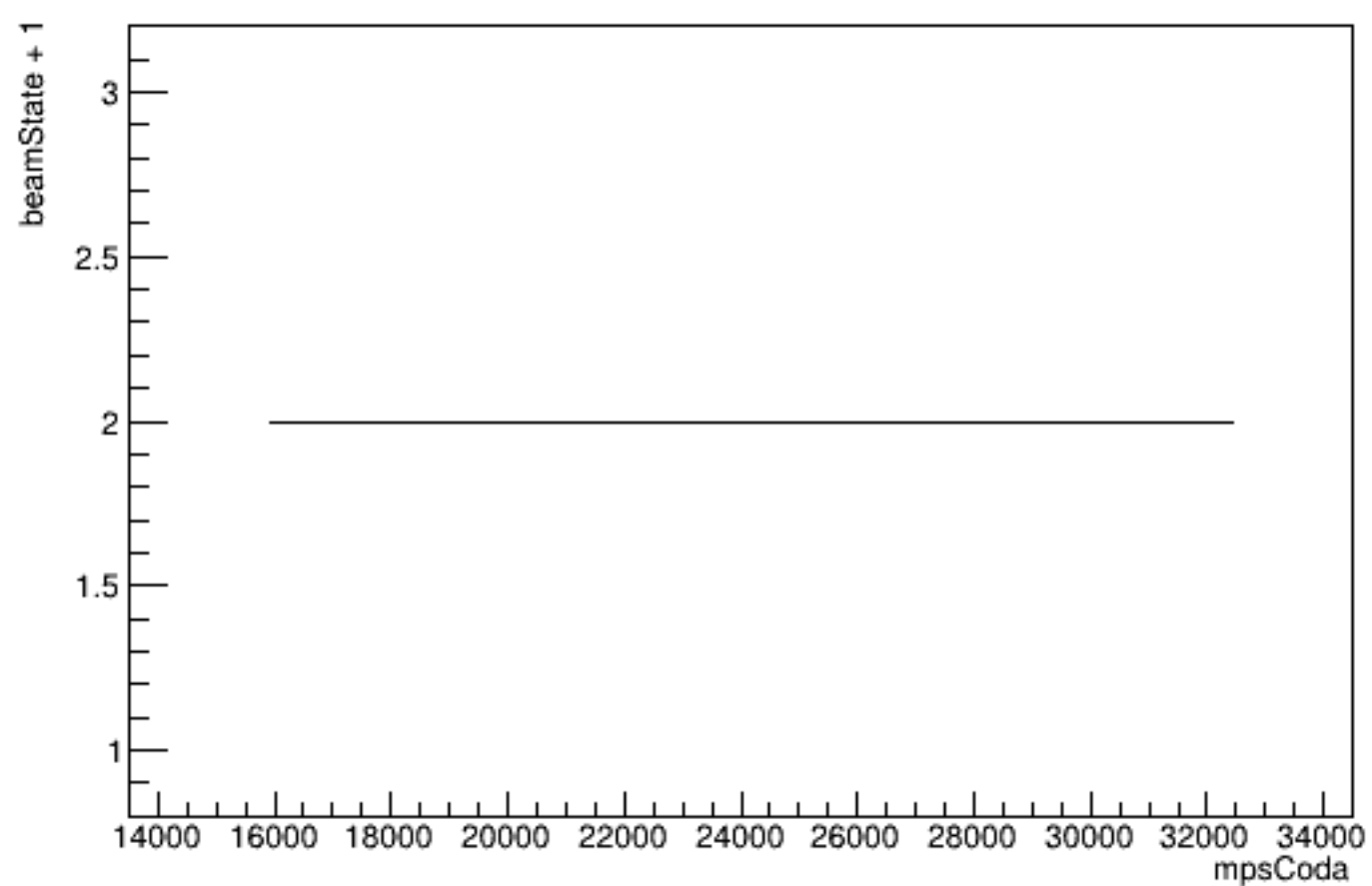
Acc0/NAcc0:mpsCoda {mpsCoda>=15939 && mpsCoda<=32430 && beamState==1}



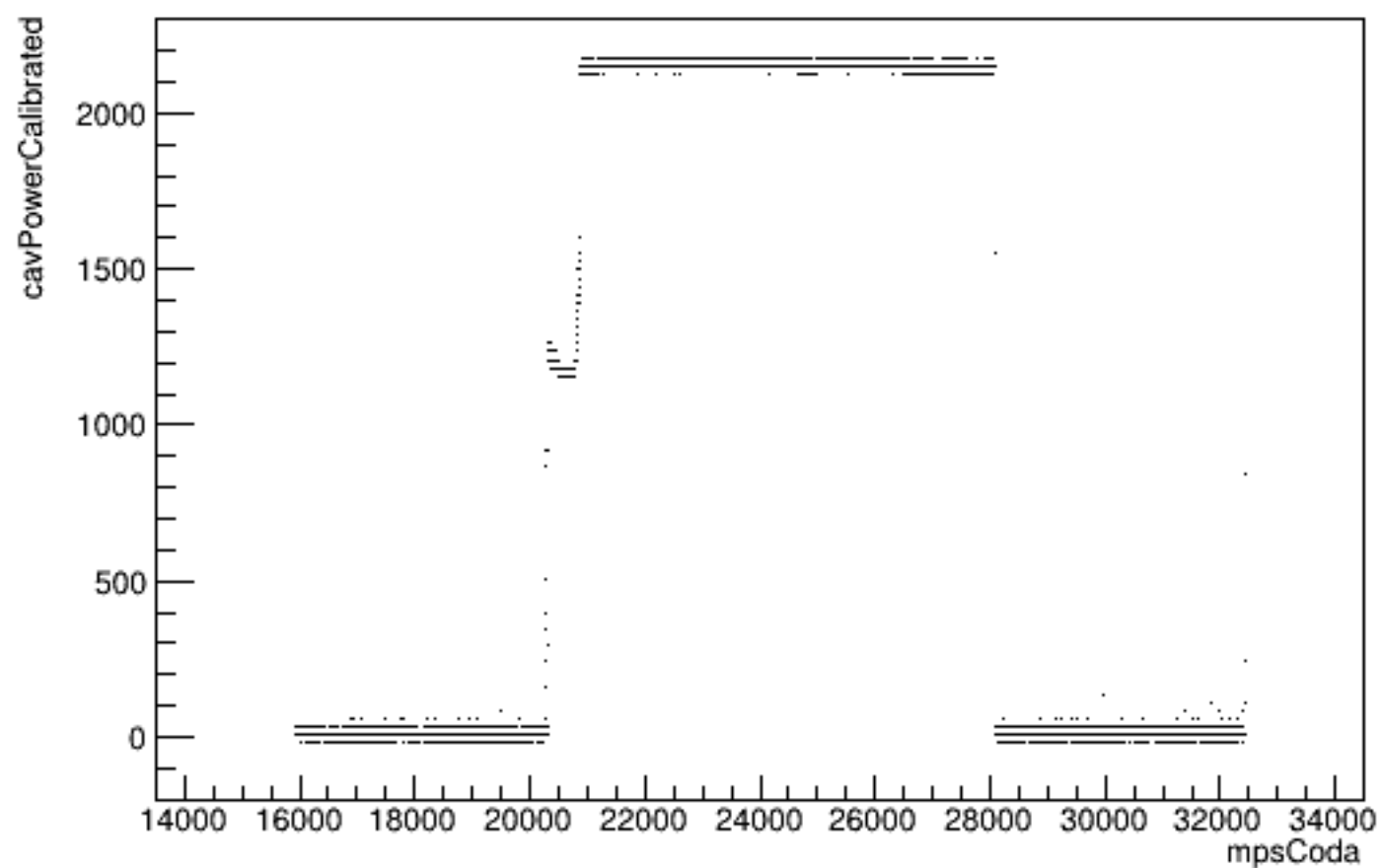
laserState:mpsCoda {mpsCoda>=15939 && mpsCoda<=32430}



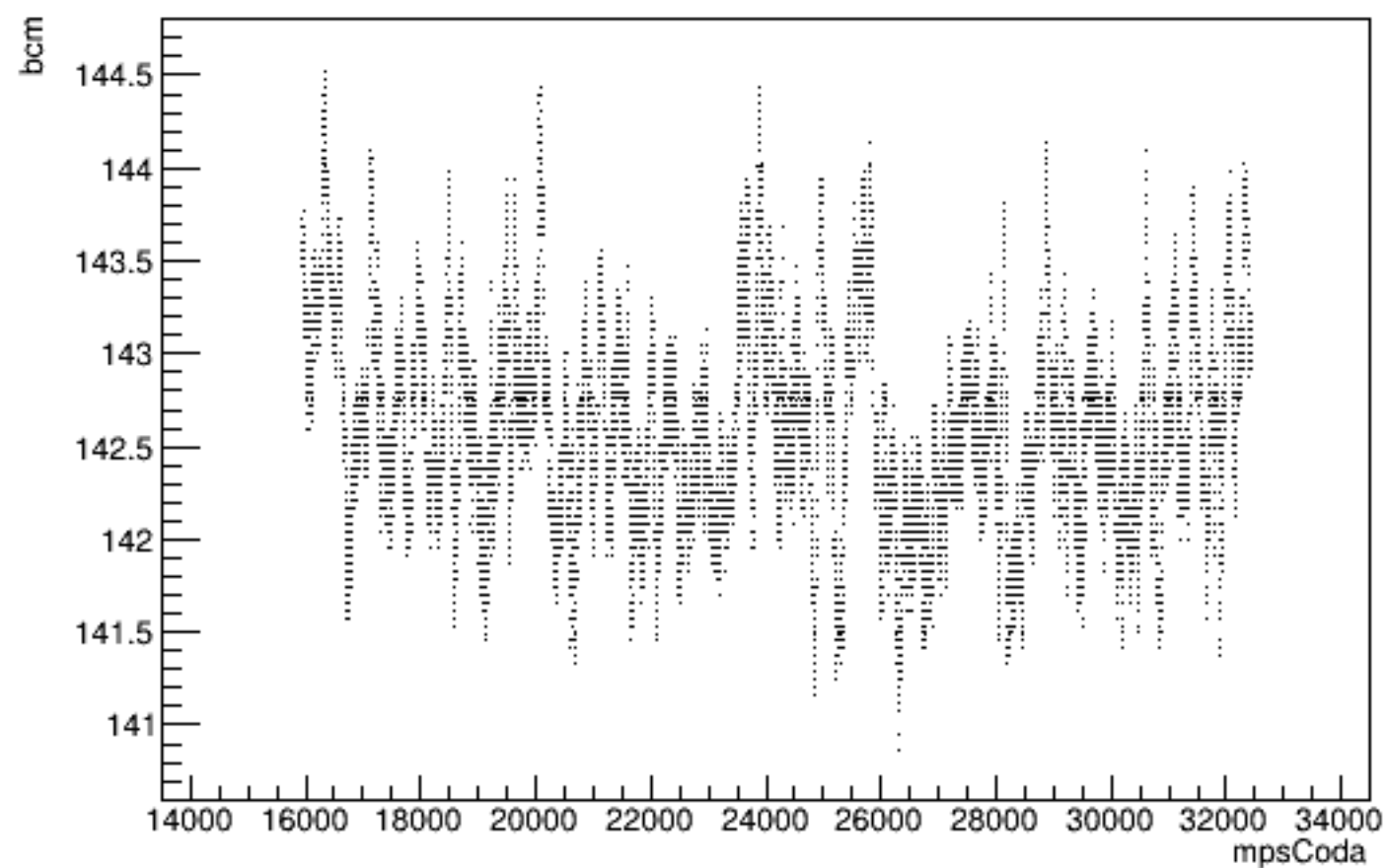
beamState + 1:mpsCoda {mpsCoda>=15939 && mpsCoda<=32430}



cavPowerCalibrated:mpsCoda {mpsCoda>=15939 && mpsCoda<=32430}



bcm:mpsCoda {mpsCoda>=15939 && mpsCoda<=32430}



Cycle 3, Diffs

Entries: 1067

Mean: 0.0065 +/- 0.0117

Std Dev: 0.3820 +/- 0.0083

Entries: 1800

Mean: 0.7112 +/- 0.0122

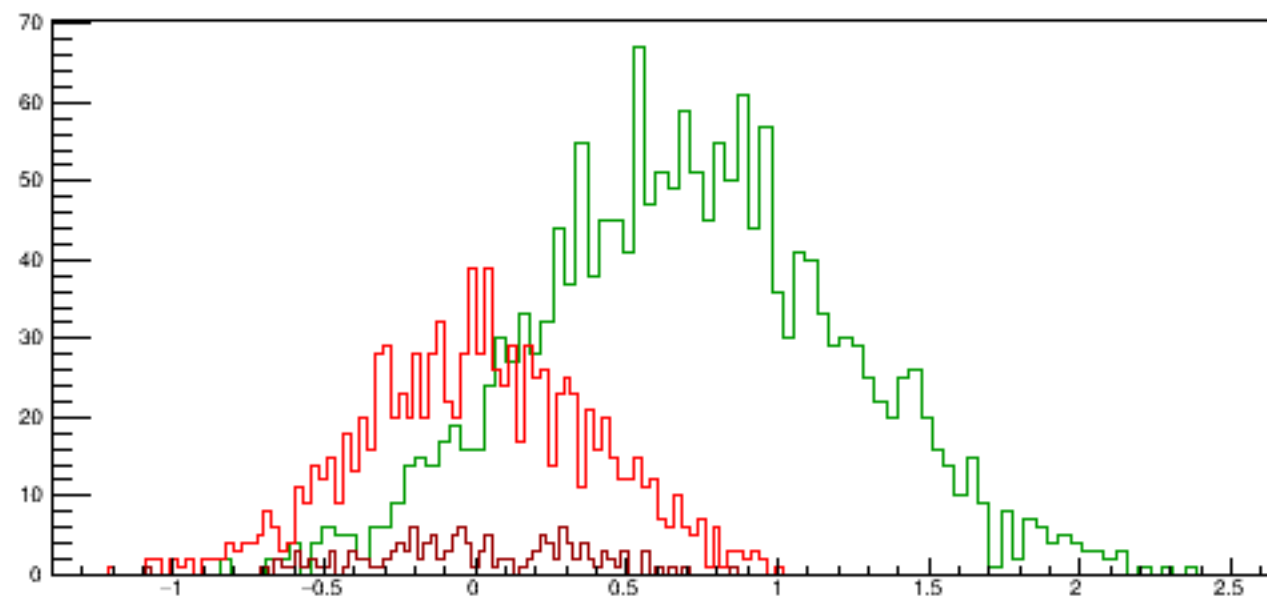
Std Dev: 0.5195 +/- 0.0087

Entries: 142

Mean: -0.0122 +/- 0.0291

Std Dev: 0.3465 +/- 0.0206

Run 6074 quartetwise, Diffs



Cycle 3, Sums

Entries: 1067

Mean: 6.5951 +/- 0.0124

Std Dev: 0.4035 +/- 0.0087

Entries: 1800

Mean: 29.0228 +/- 0.0127

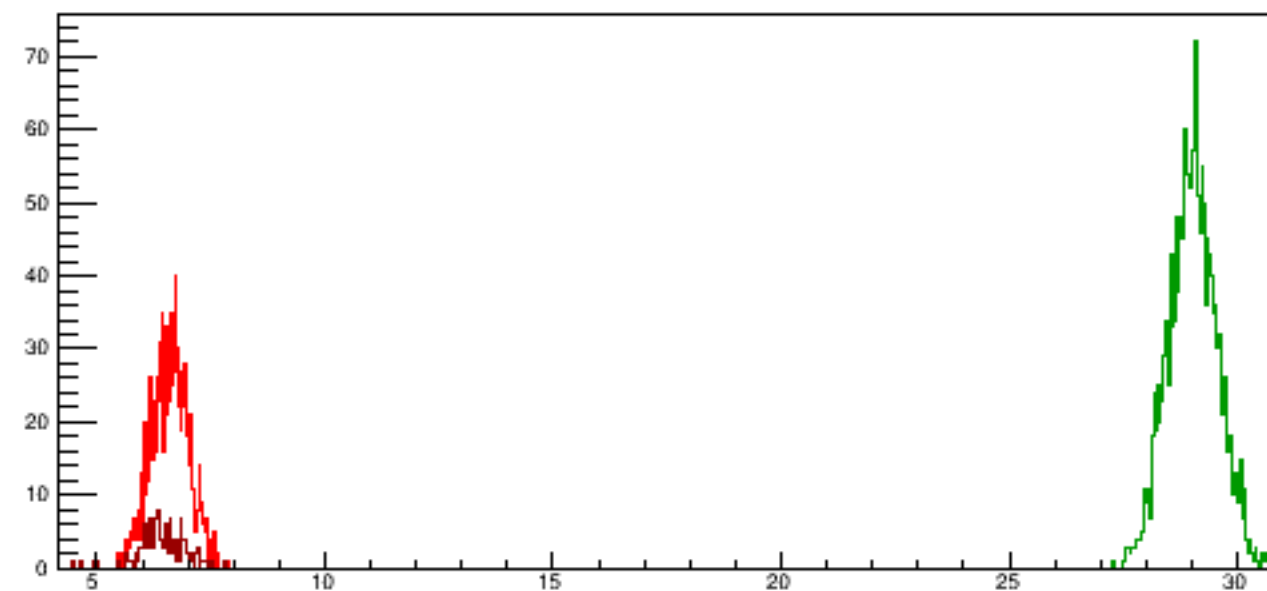
Std Dev: 0.5373 +/- 0.0090

Entries: 142

Mean: 6.4359 +/- 0.0433

Std Dev: 0.5154 +/- 0.0306

Run 6074 quartetwise, Sums



Cycle 3, Asyms

Entries: 1067

Mean: 0.0003 +/- 0.0005

Std Dev: 0.0170 +/- 0.0004

Entries: 1800

Mean: 0.0316 +/- 0.0005

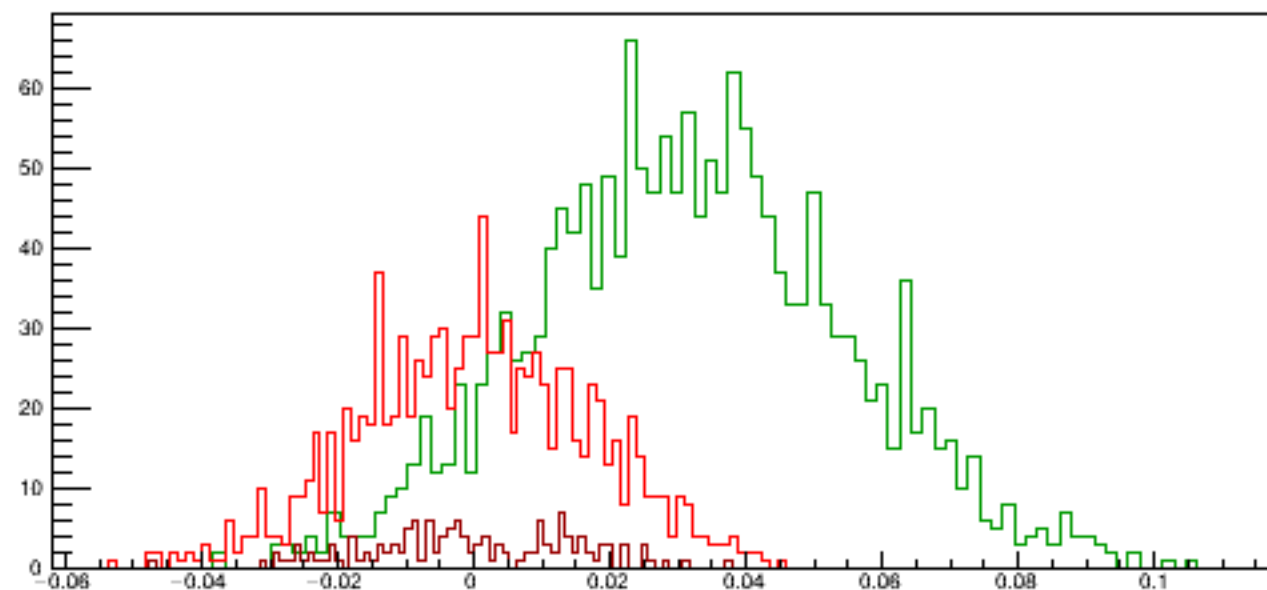
Std Dev: 0.0231 +/- 0.0004

Entries: 142

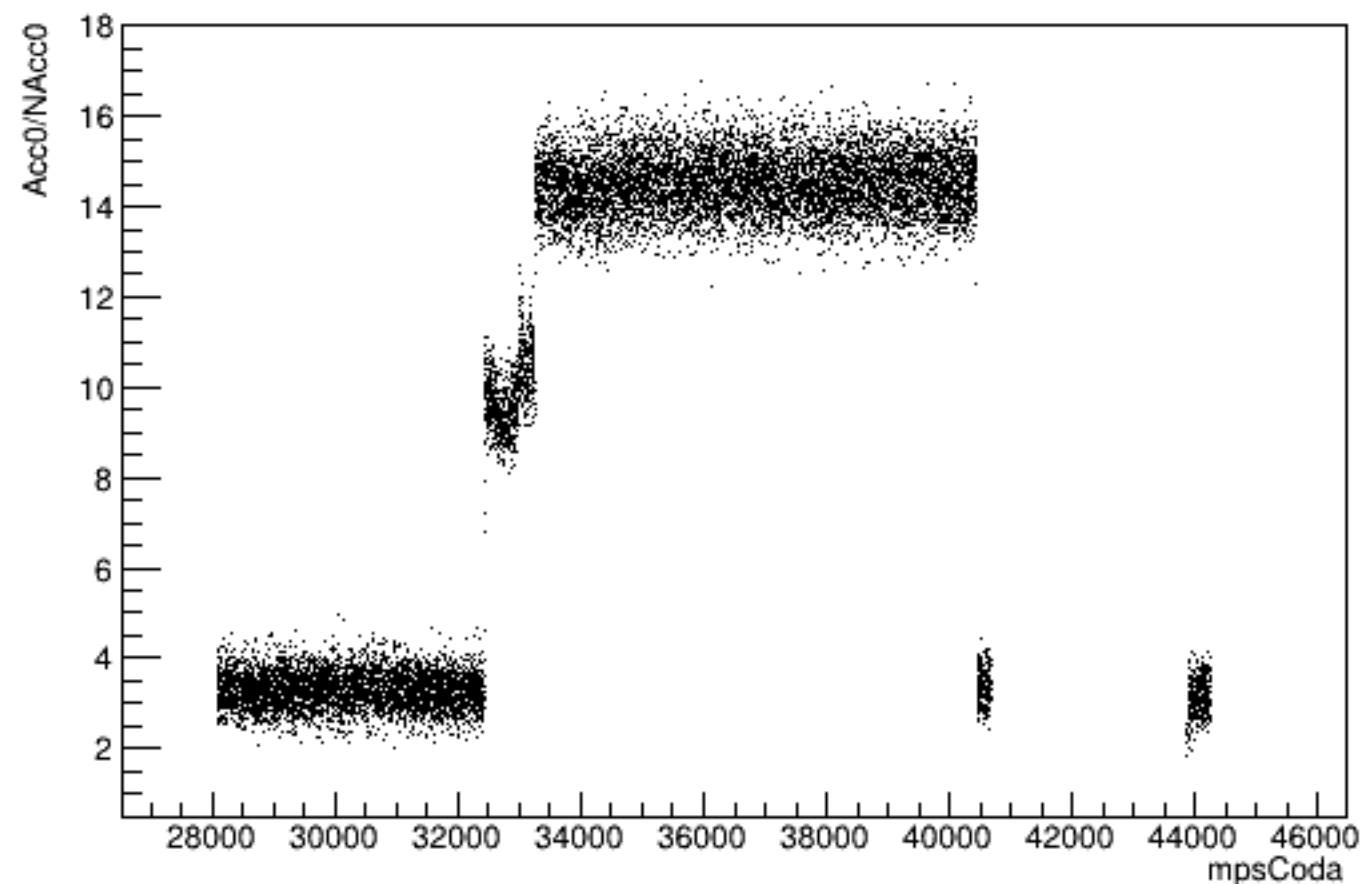
Mean: -0.0005 +/- 0.0013

Std Dev: 0.0154 +/- 0.0009

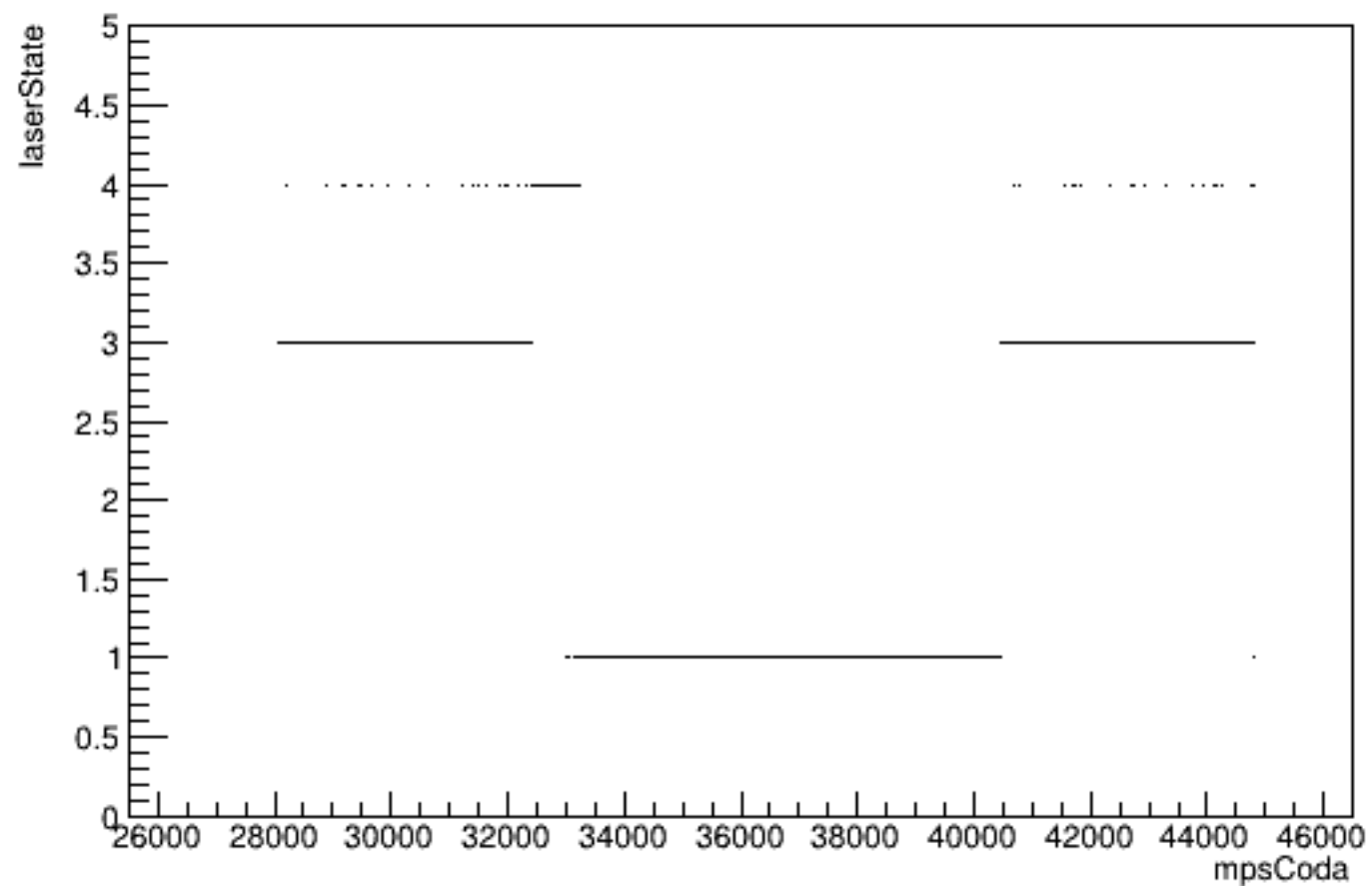
Run 6074 quartetwise, Asyms



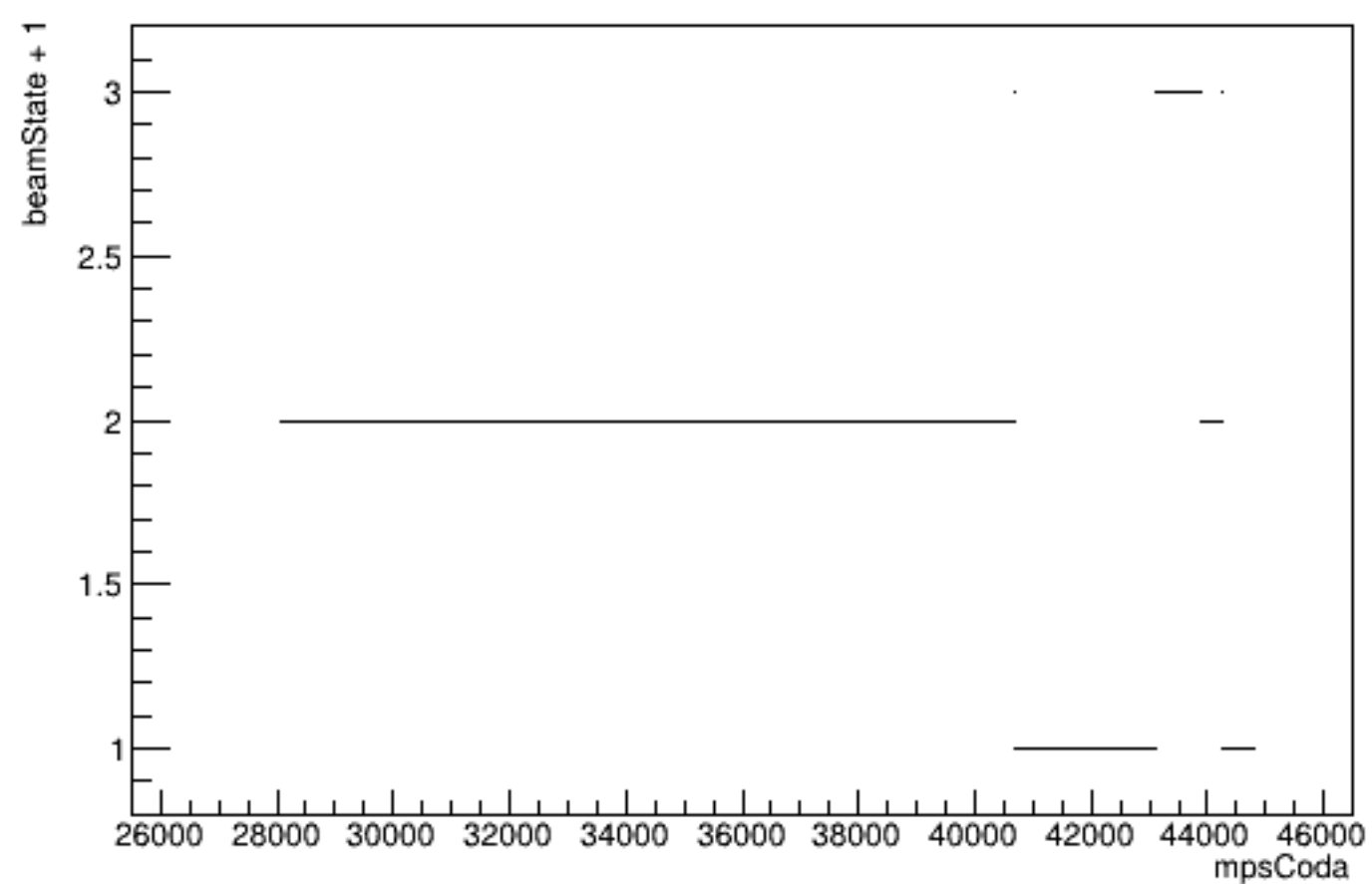
Acc0/NAcc0:mpsCoda {mpsCoda>=28075 && mpsCoda<=44798 && beamState==1}



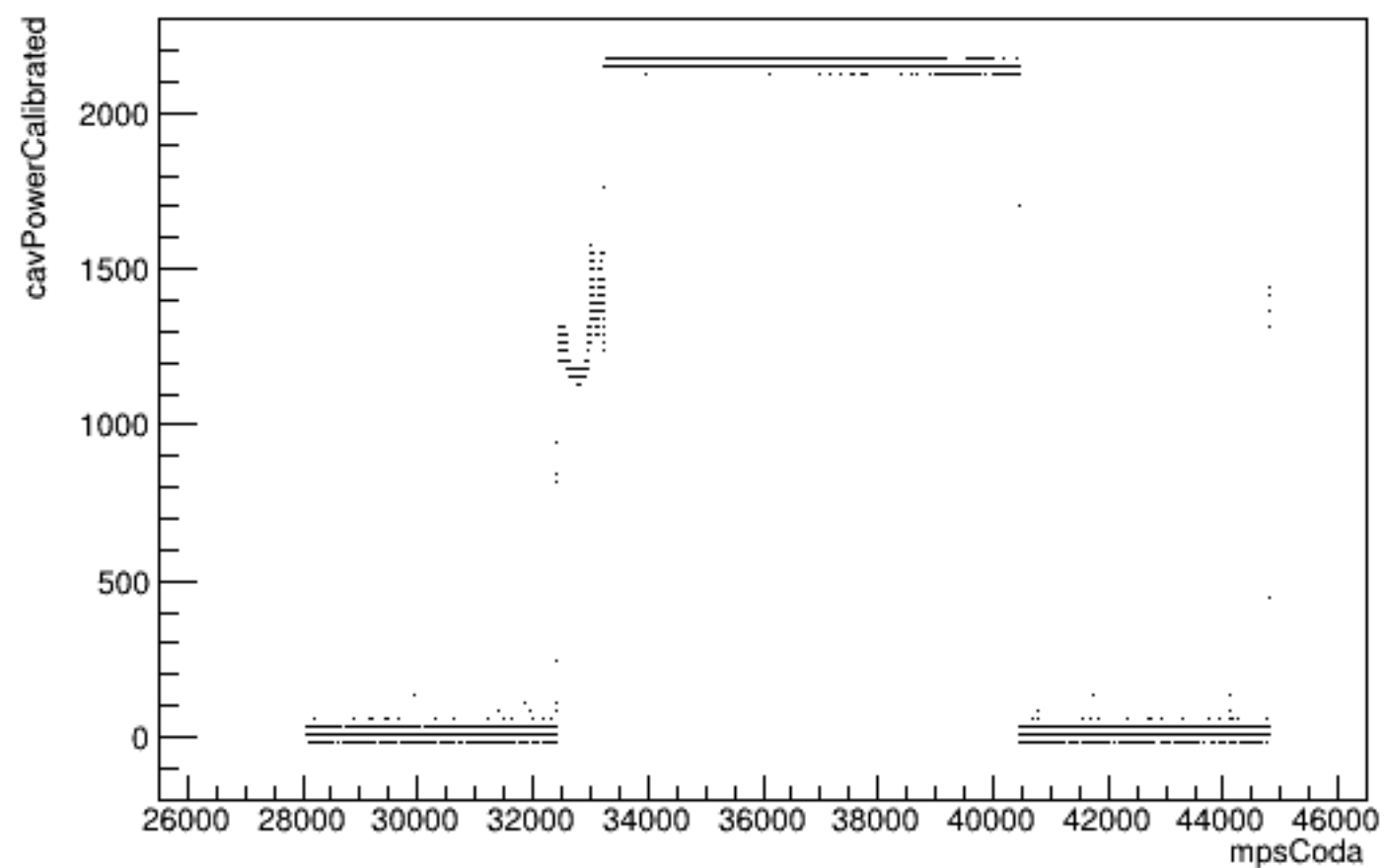
laserState:mpsCoda {mpsCoda>=28075 && mpsCoda<=44798}



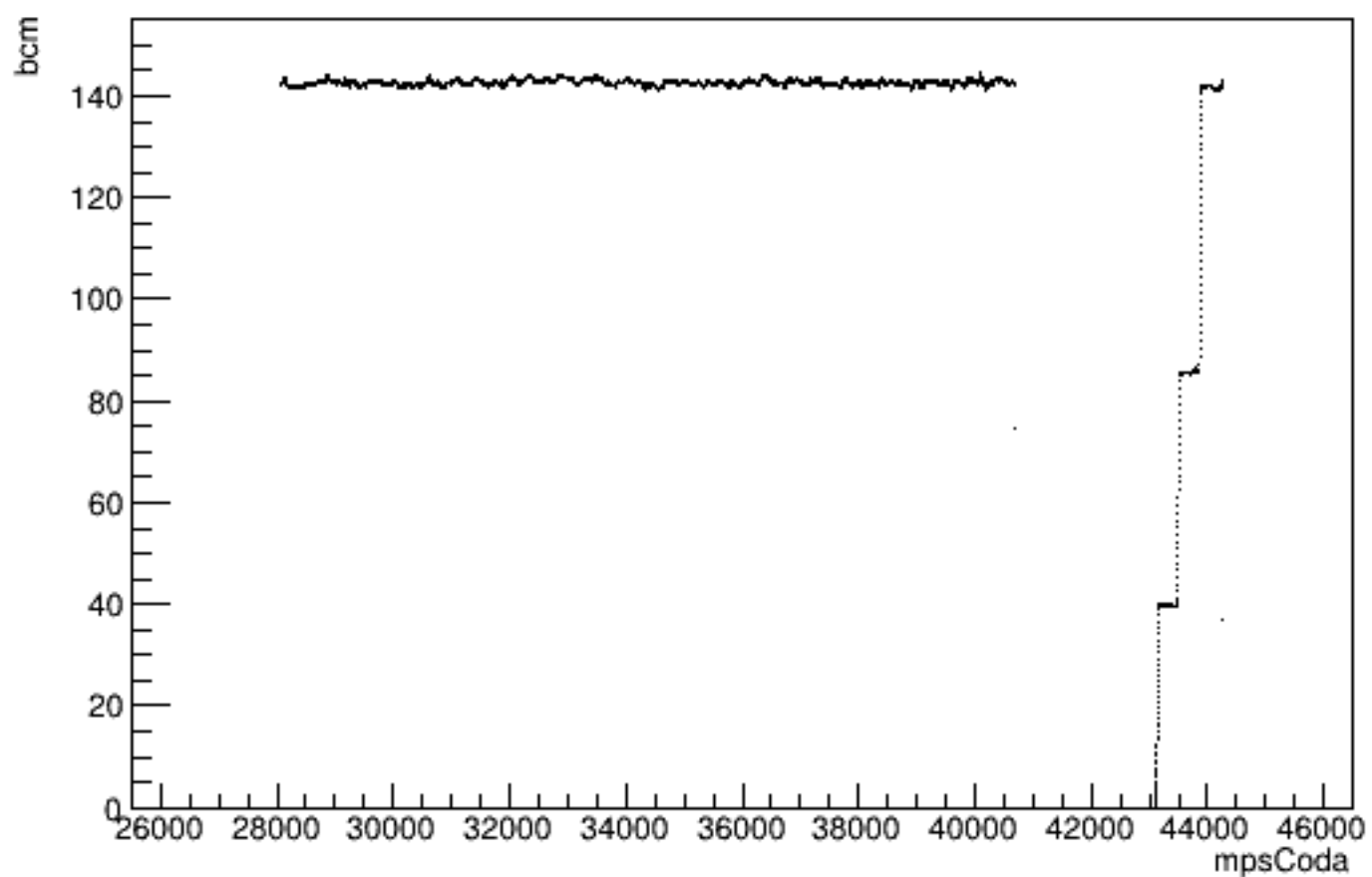
beamState + 1:mpsCoda {mpsCoda>=28075 && mpsCoda<=44798}



cavPowerCalibrated:mpsCoda {mpsCoda>=28075 && mpsCoda<=44798}



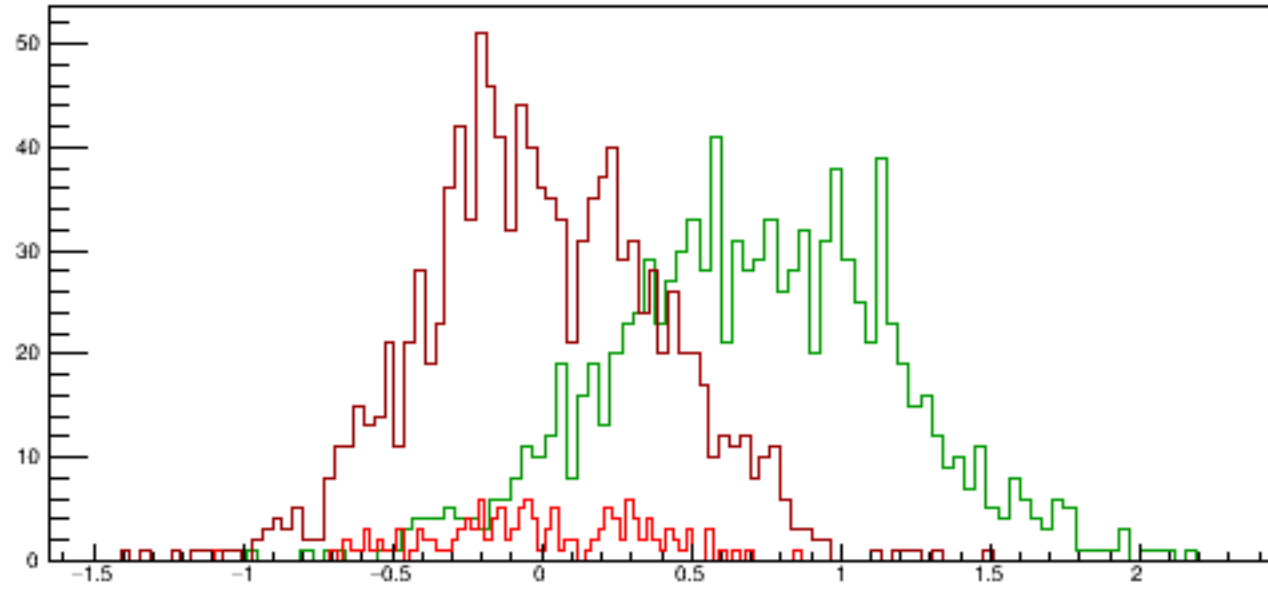
bcm:mpsCoda {mpsCoda>=28075 && mpsCoda<=44798}



Cycle 4, Diffs

Entries: 142	Entries: 1048	Entries: 1167
Mean: -0.0122 +/- 0.0291	Mean: 0.7068 +/- 0.0149	Mean: 0.0032 +/- 0.0116
Std Dev: 0.3465 +/- 0.0206	Std Dev: 0.4825 +/- 0.0105	Std Dev: 0.3978 +/- 0.0082

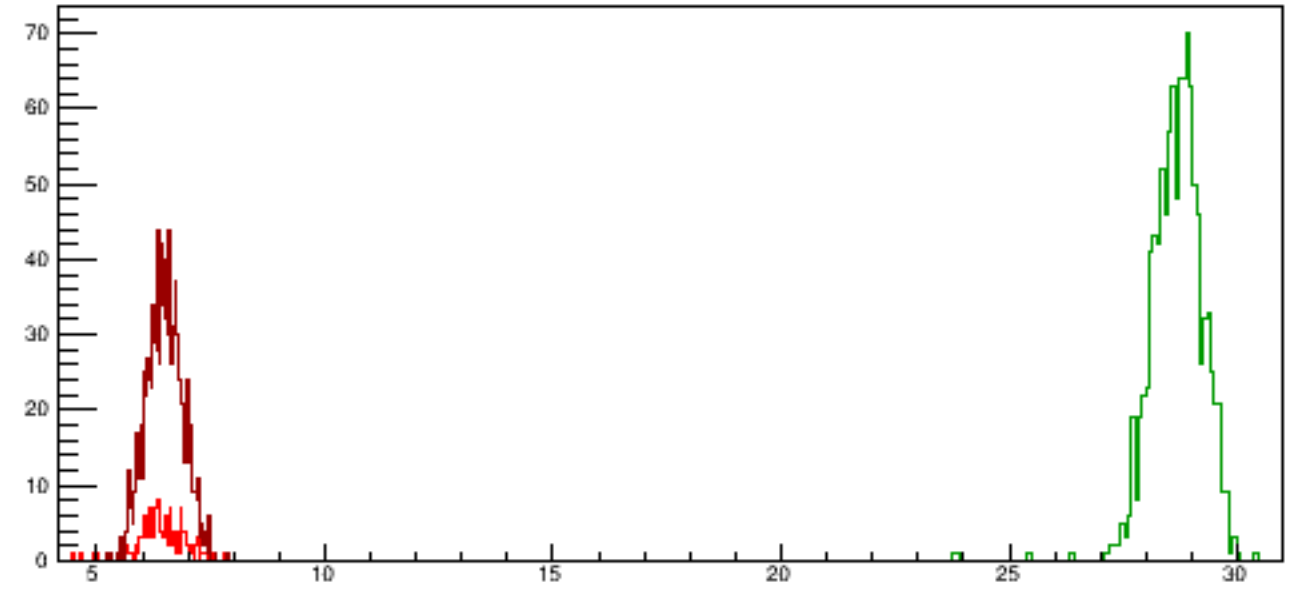
Run 6074 quartetwise, Diffs



Cycle 4, Sums

Entries: 142	Entries: 1048	Entries: 1167
Mean: 6.4359 +/- 0.0433	Mean: 28.6926 +/- 0.0176	Mean: 6.4805 +/- 0.0117
Std Dev: 0.5154 +/- 0.0306	Std Dev: 0.5682 +/- 0.0124	Std Dev: 0.3989 +/- 0.0083

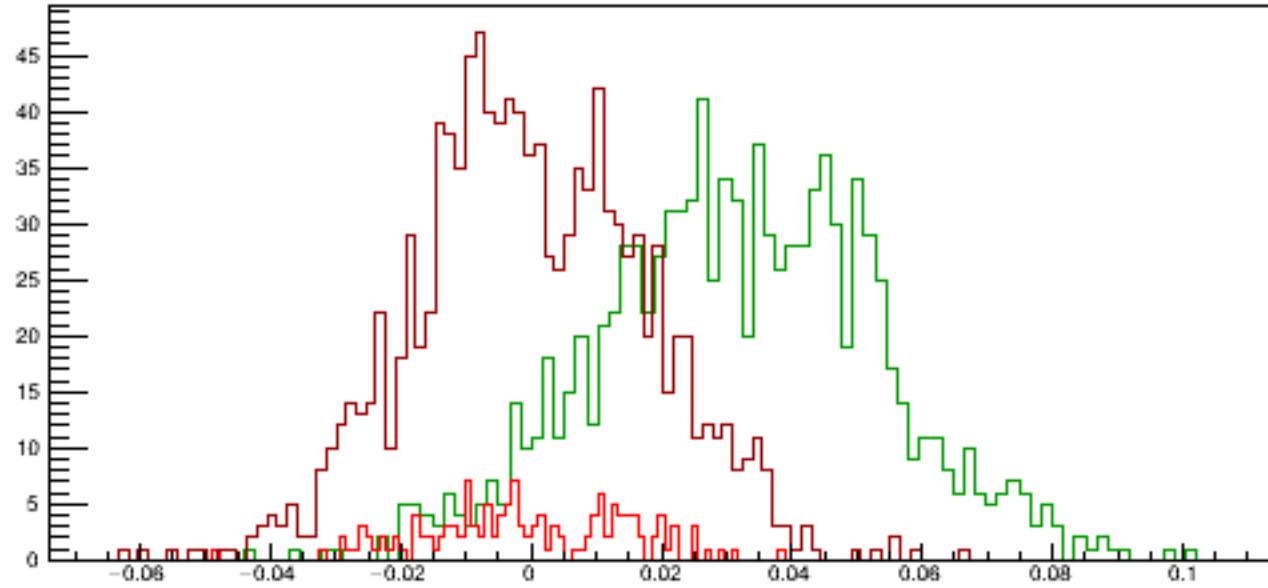
Run 6074 quartetwise, Sums



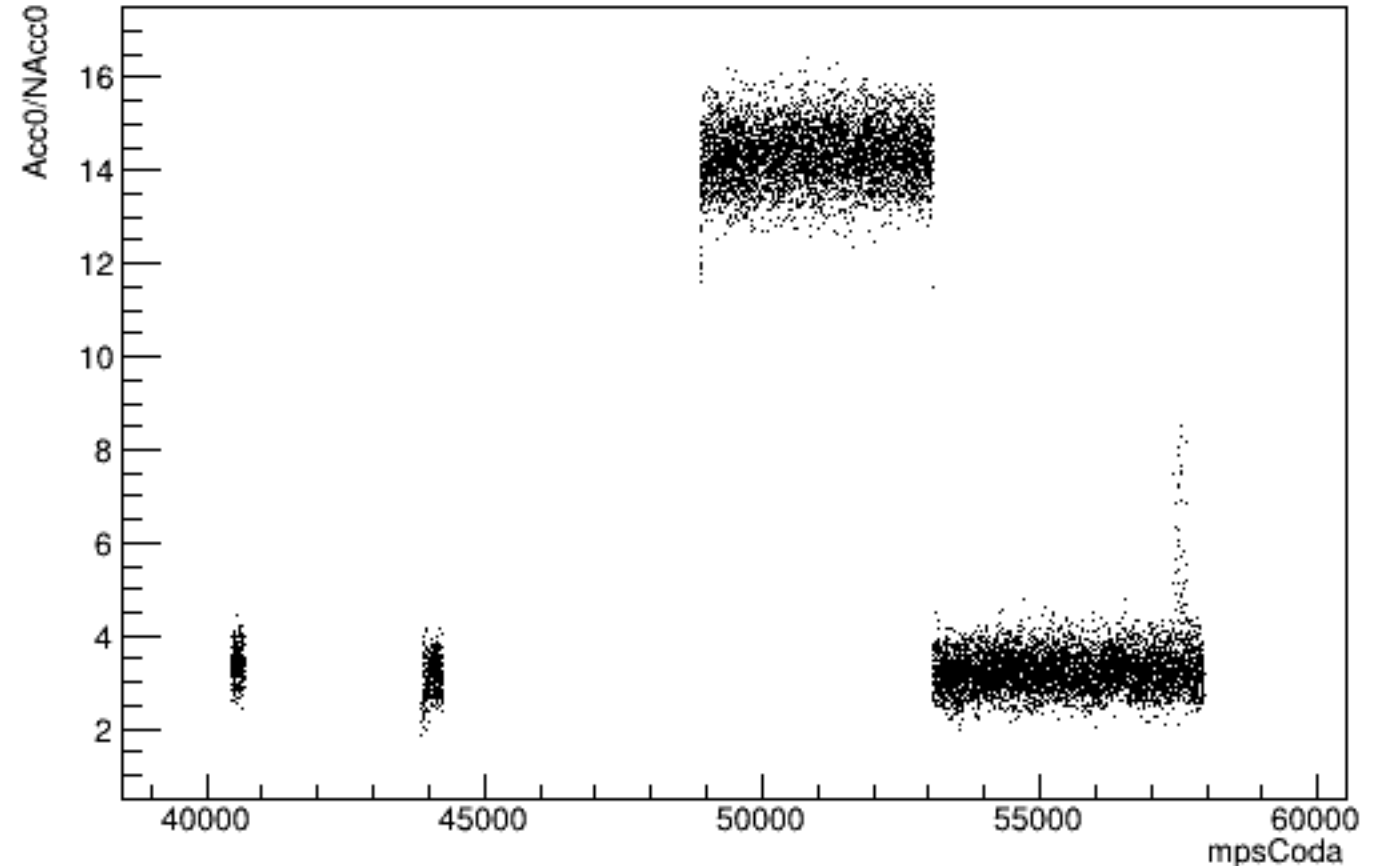
Cycle 4, Asyms

Entries: 142	Entries: 1048	Entries: 1167
Mean: -0.0005 +/- 0.0013	Mean: 0.0318 +/- 0.0007	Mean: 0.0001 +/- 0.0005
Std Dev: 0.0156 +/- 0.0009	Std Dev: 0.0217 +/- 0.0005	Std Dev: 0.0179 +/- 0.0004

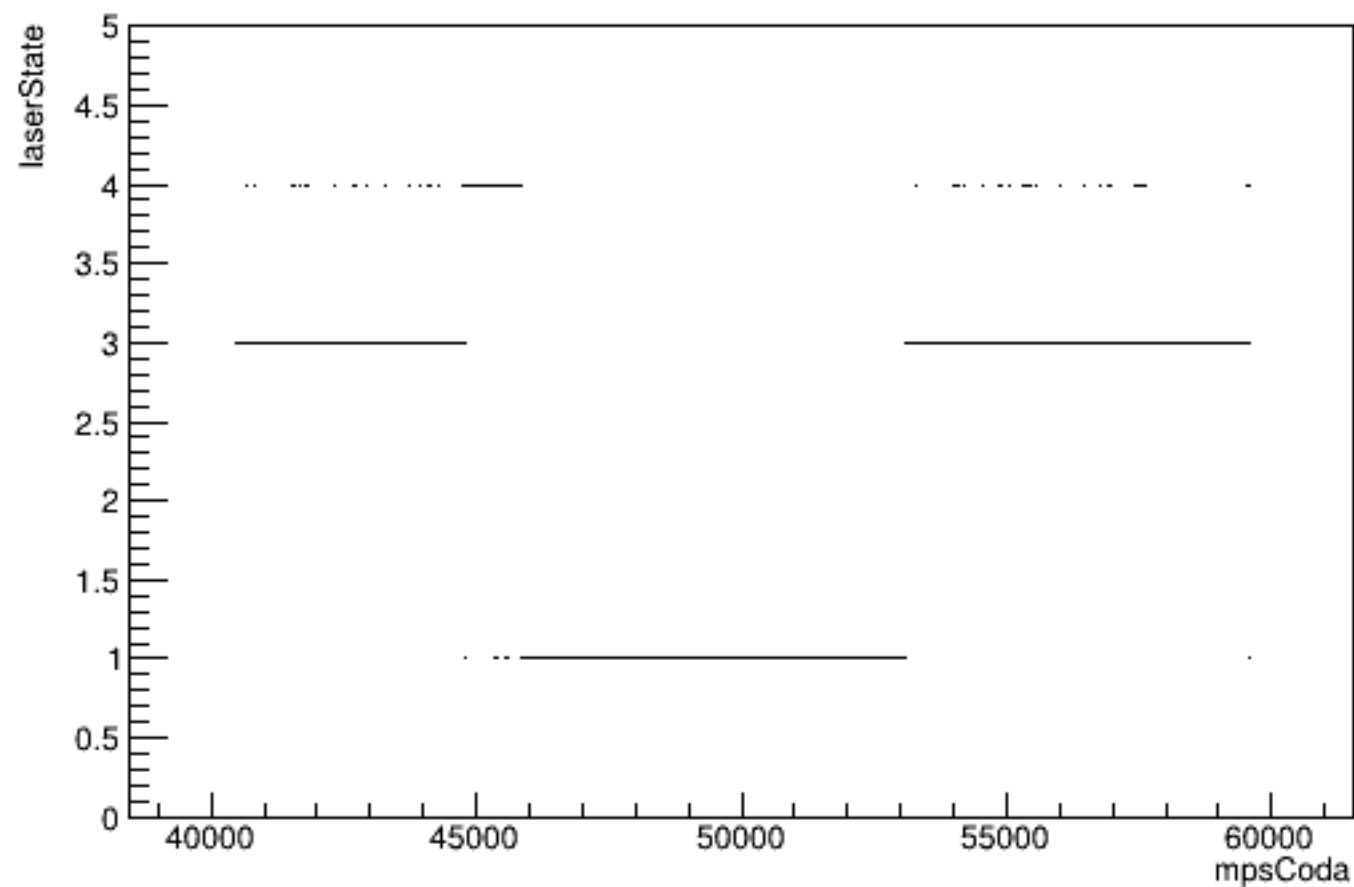
Run 6074 quartetwise, Asyms



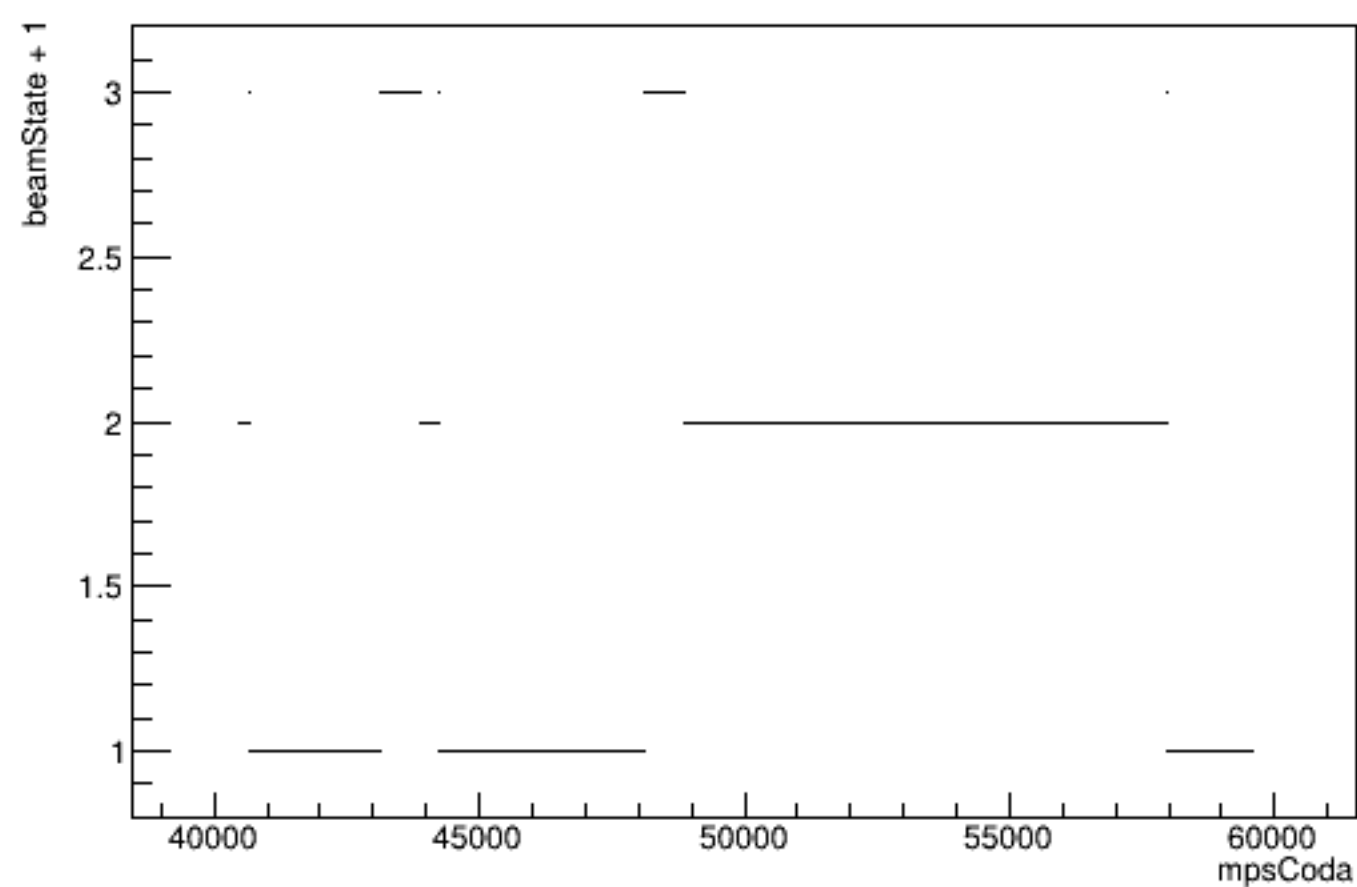
Acc0/NAcc0:mpsCoda {mpsCoda>=40455 && mpsCoda<=59602 && beamState==1}



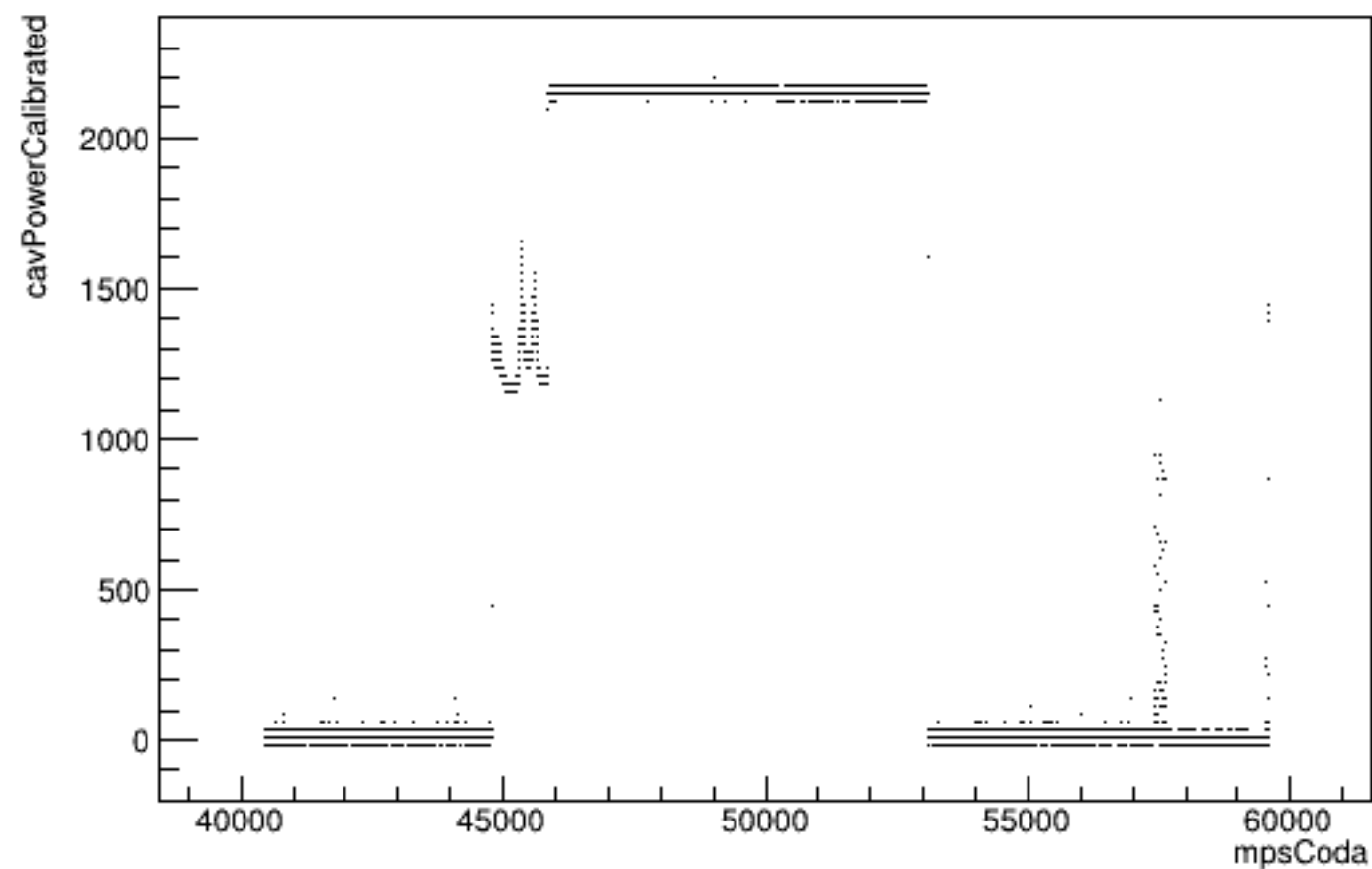
laserState:mpsCoda {mpsCoda>=40455 && mpsCoda<=59602}



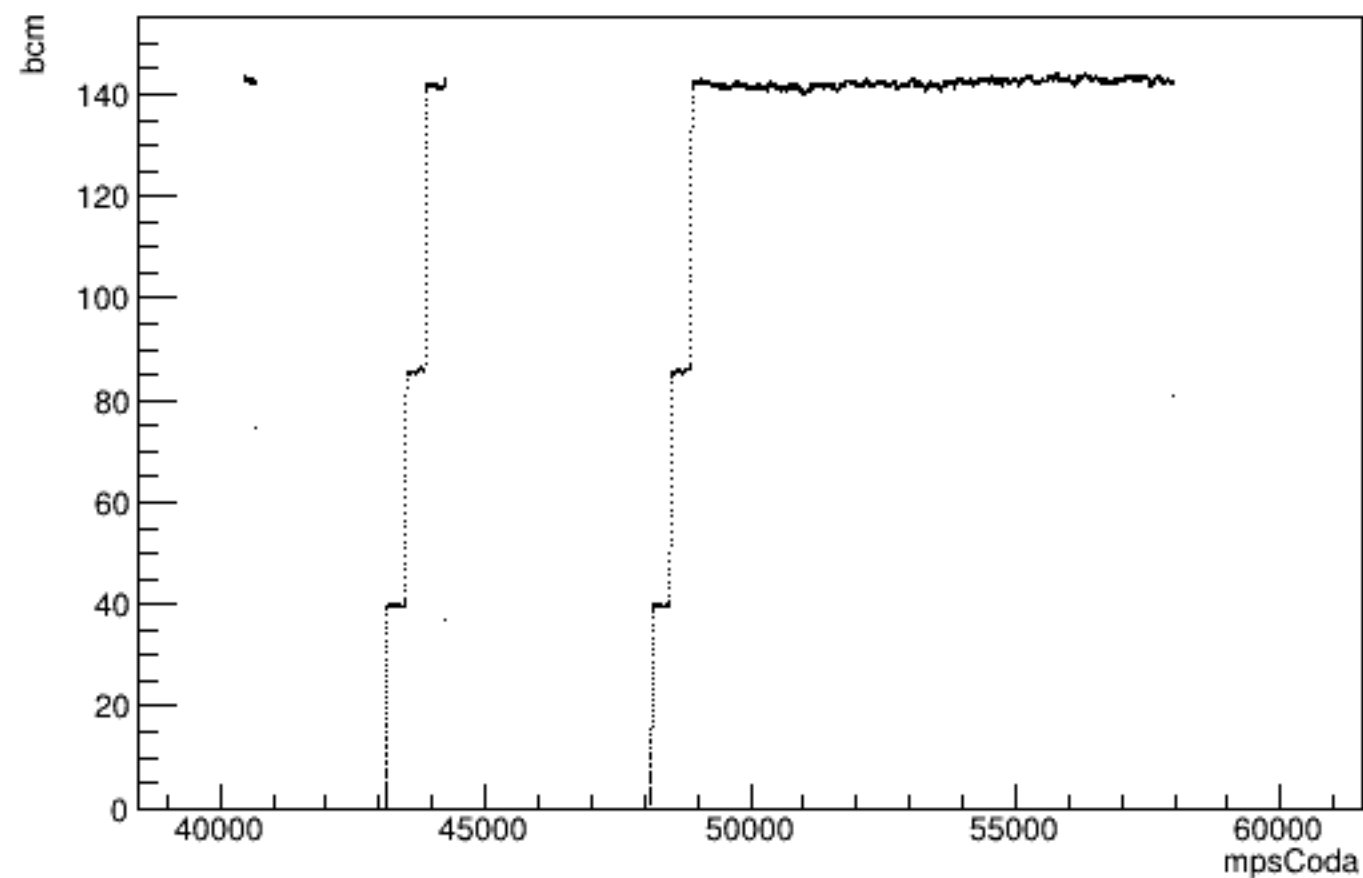
beamState + 1:mpsCoda {mpsCoda>=40455 && mpsCoda<=59602}



cavPowerCalibrated:mpsCoda {mpsCoda>=40455 && mpsCoda<=59602}



bcm:mpsCoda {mpsCoda>=40455 && mpsCoda<=59602}



Cycle 5, Diffs

Entries: 1075

Mean: -0.0170 +/- 0.0122

Std Dev: 0.3991 +/- 0.0086

Entries: 479

Mean: 0.6780 +/- 0.0242

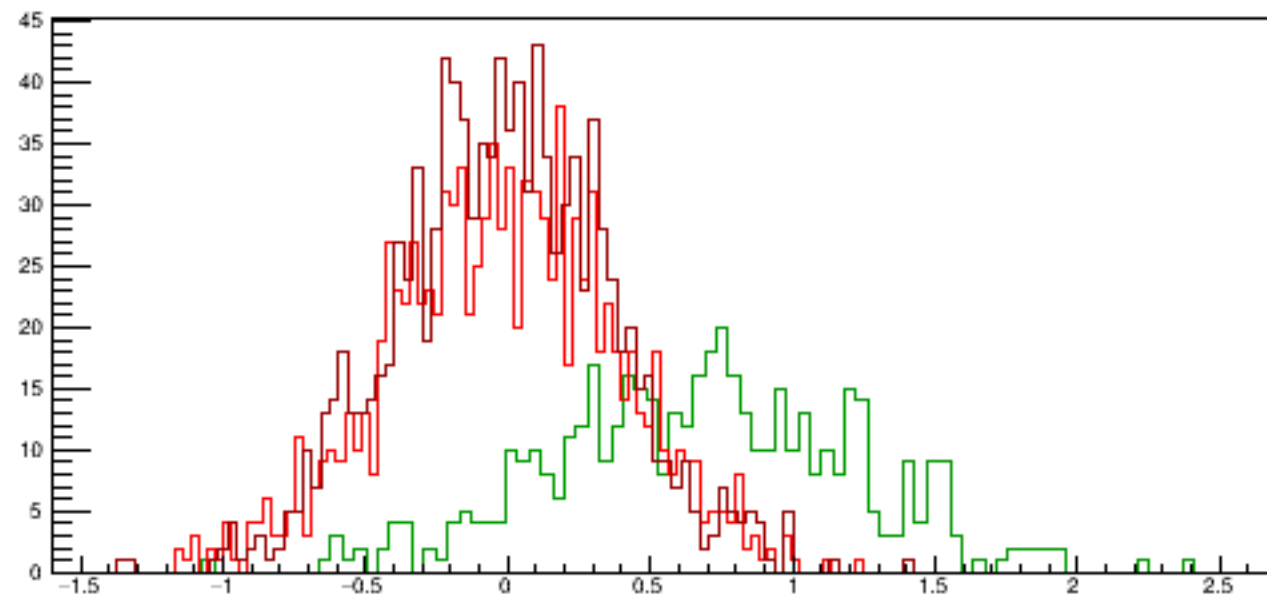
Std Dev: 0.5297 +/- 0.0171

Entries: 1085

Mean: -0.0167 +/- 0.0114

Std Dev: 0.3770 +/- 0.0081

Run 6074 quartetwise, Diffs



Cycle 5, Sums

Entries: 1075

Mean: 6.5420 +/- 0.0130

Std Dev: 0.4259 +/- 0.0092

Entries: 479

Mean: 28.5916 +/- 0.0317

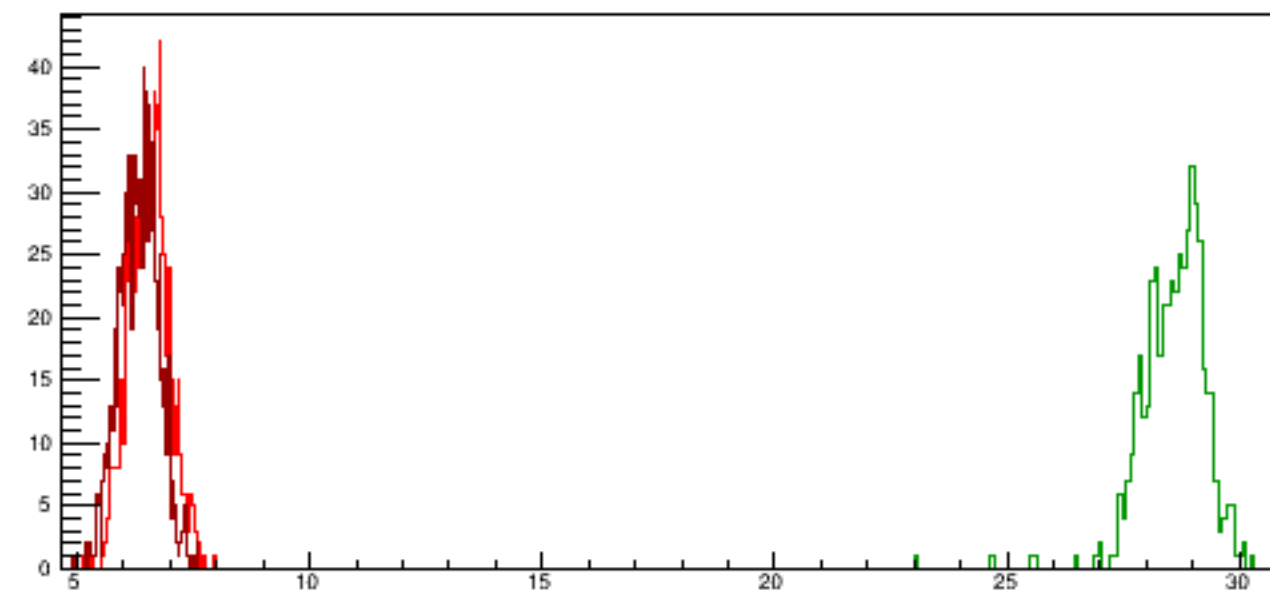
Std Dev: 0.6945 +/- 0.0224

Entries: 1085

Mean: 6.3299 +/- 0.0125

Std Dev: 0.4110 +/- 0.0088

Run 6074 quartetwise, Sums



Cycle 5, Asyms

Entries: 1075

Mean: -0.0008 +/- 0.0005

Std Dev: 0.0180 +/- 0.0004

Entries: 479

Mean: 0.0307 +/- 0.0011

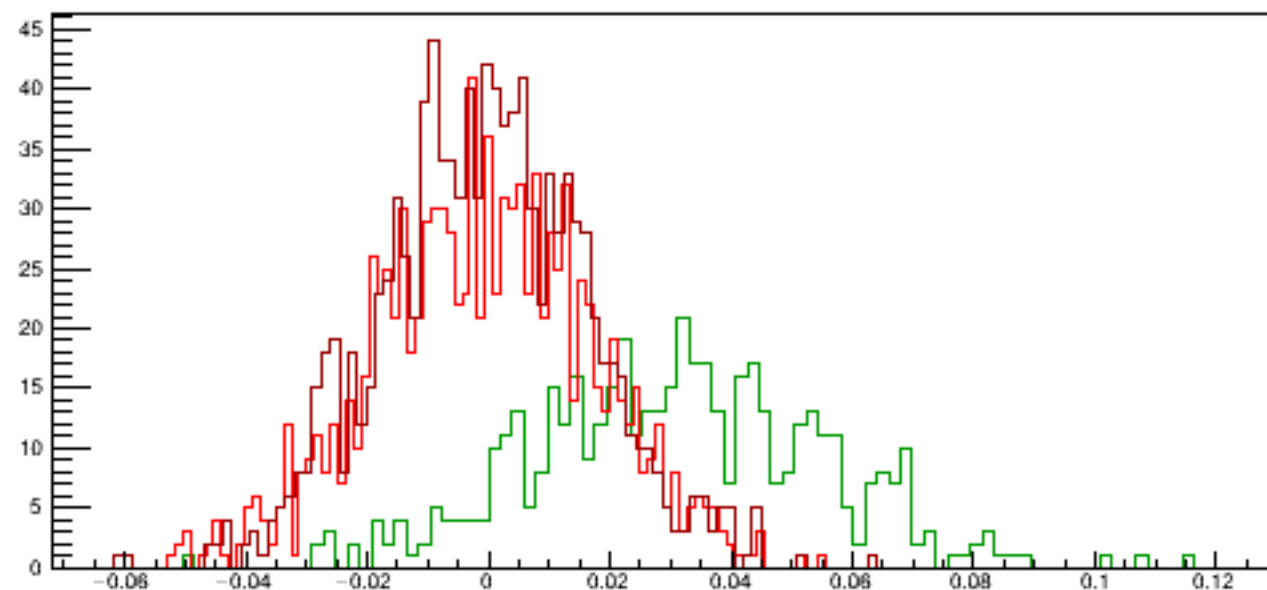
Std Dev: 0.0241 +/- 0.0008

Entries: 1085

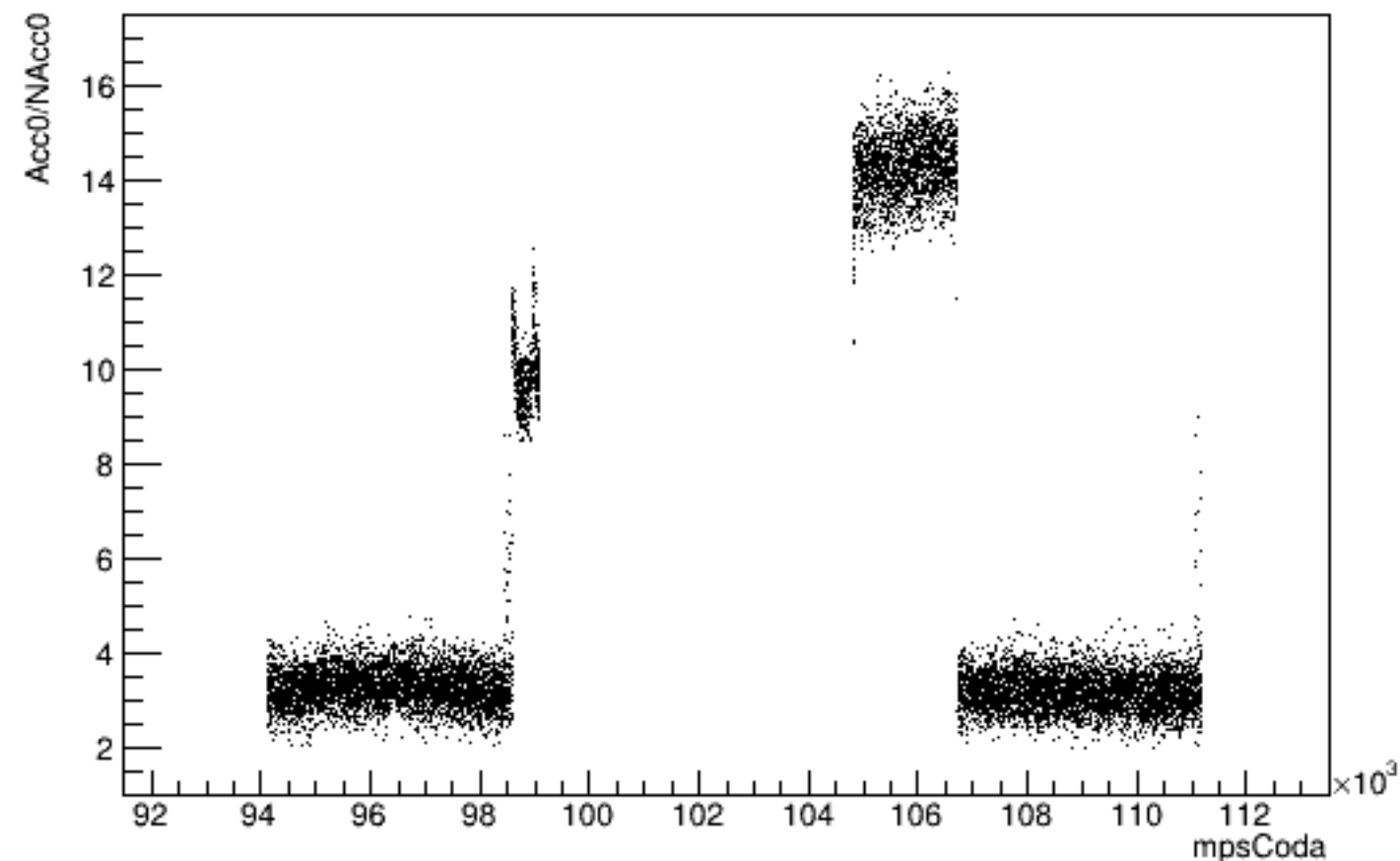
Mean: -0.0008 +/- 0.0005

Std Dev: 0.0170 +/- 0.0004

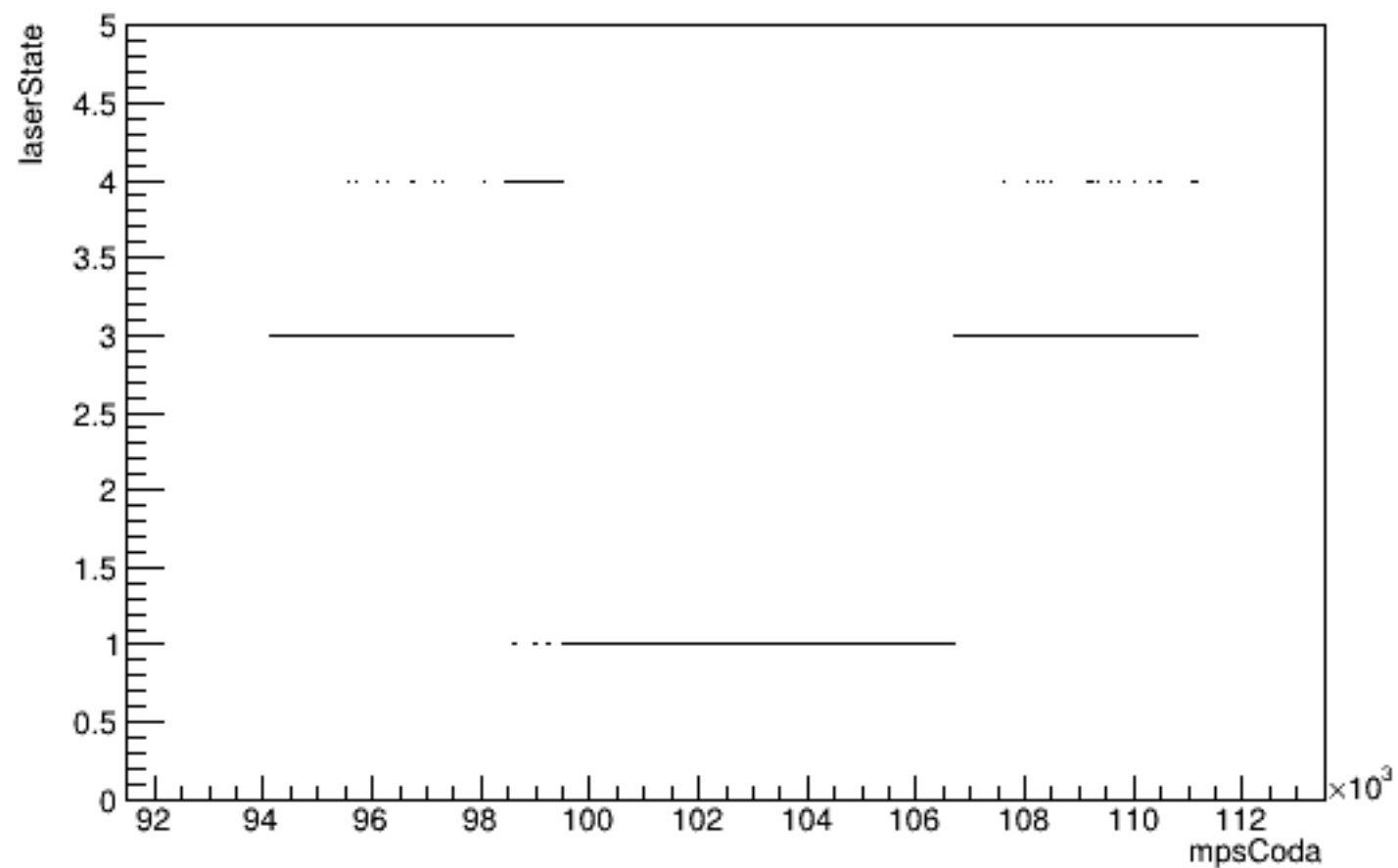
Run 6074 quartetwise, Asyms



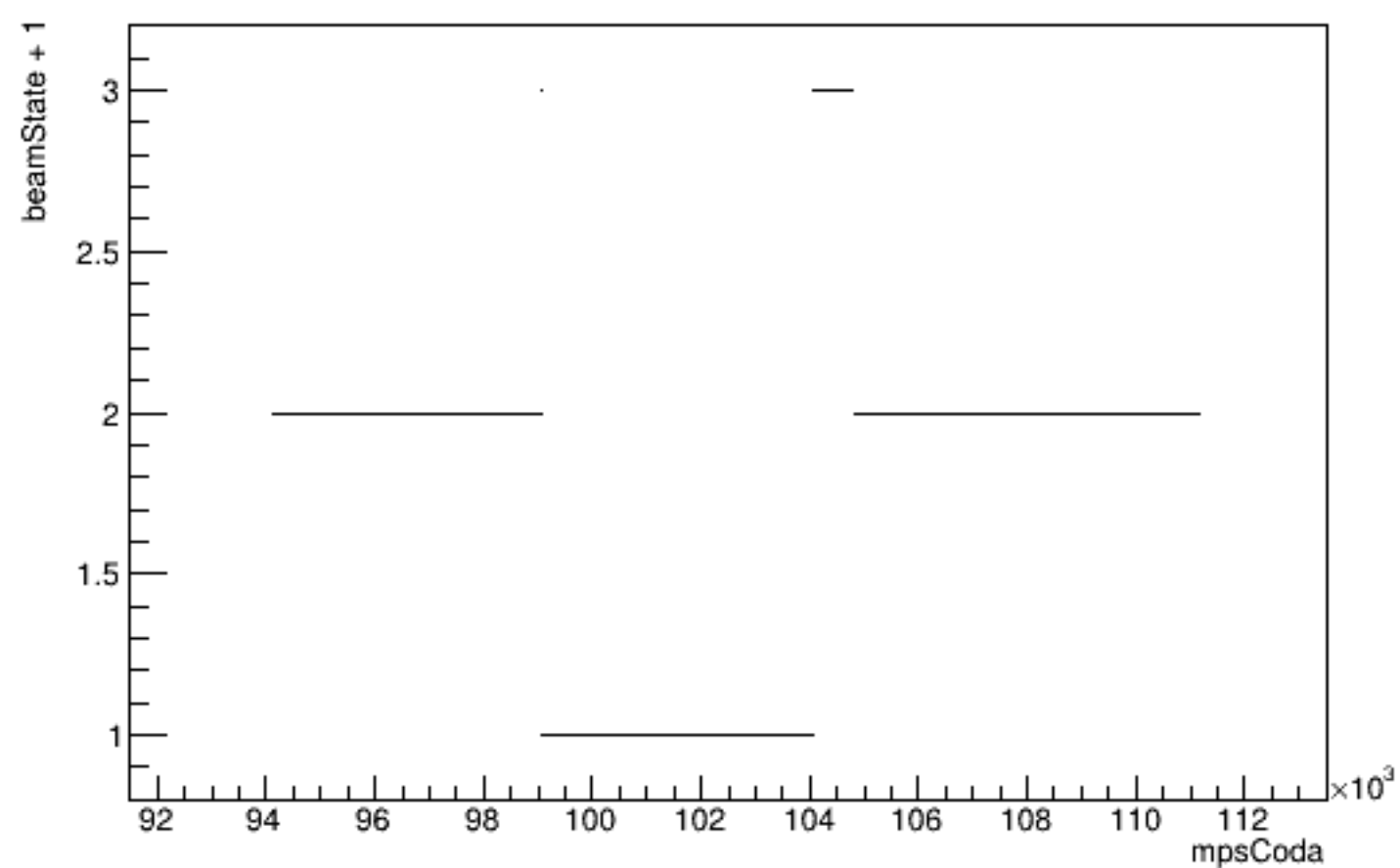
Acc0/NAcc0:mpsCoda {mpsCoda>=94107 && mpsCoda<=111182 && beamState==1}



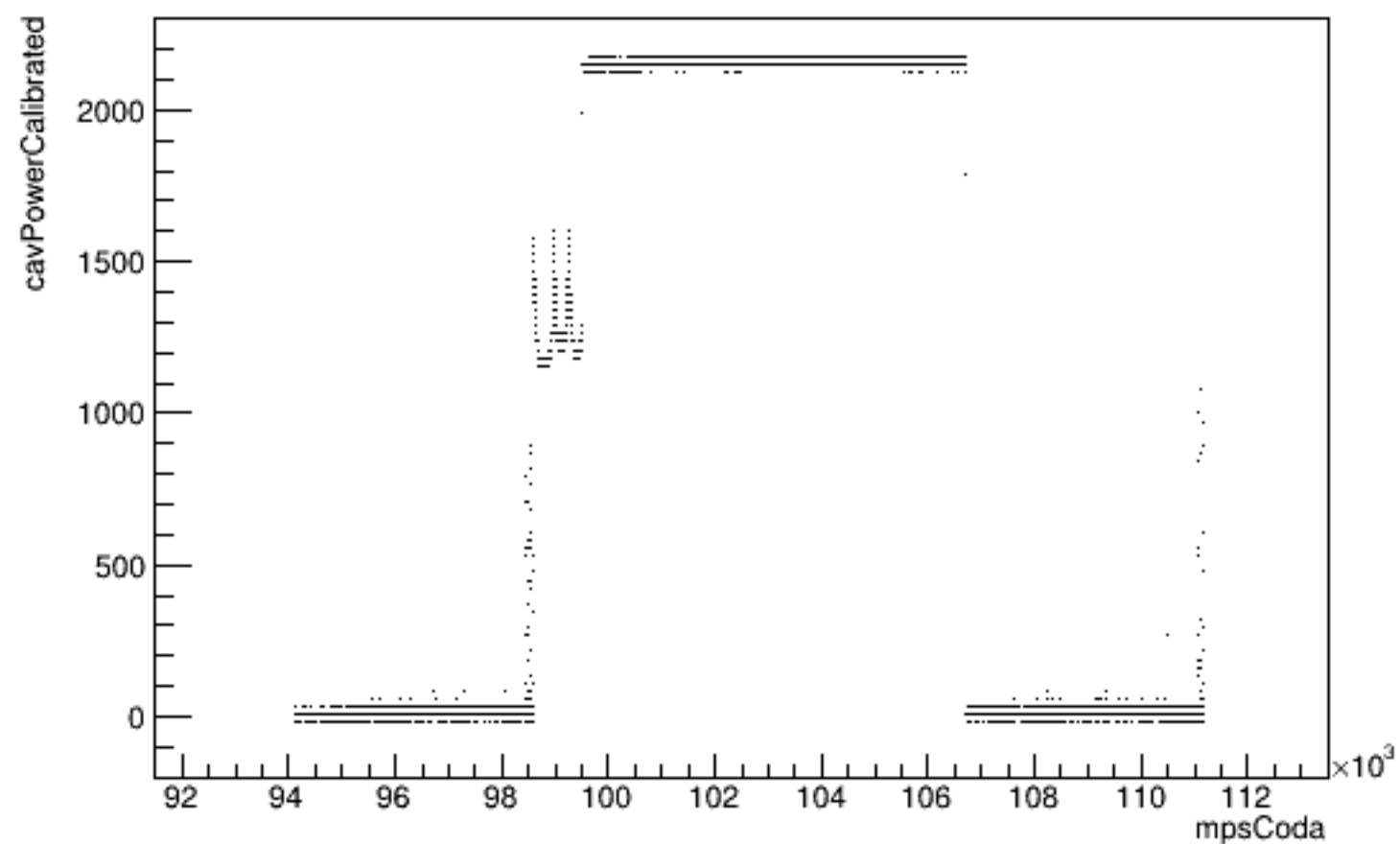
laserState:mpsCoda {mpsCoda>=94107 && mpsCoda<=111182}



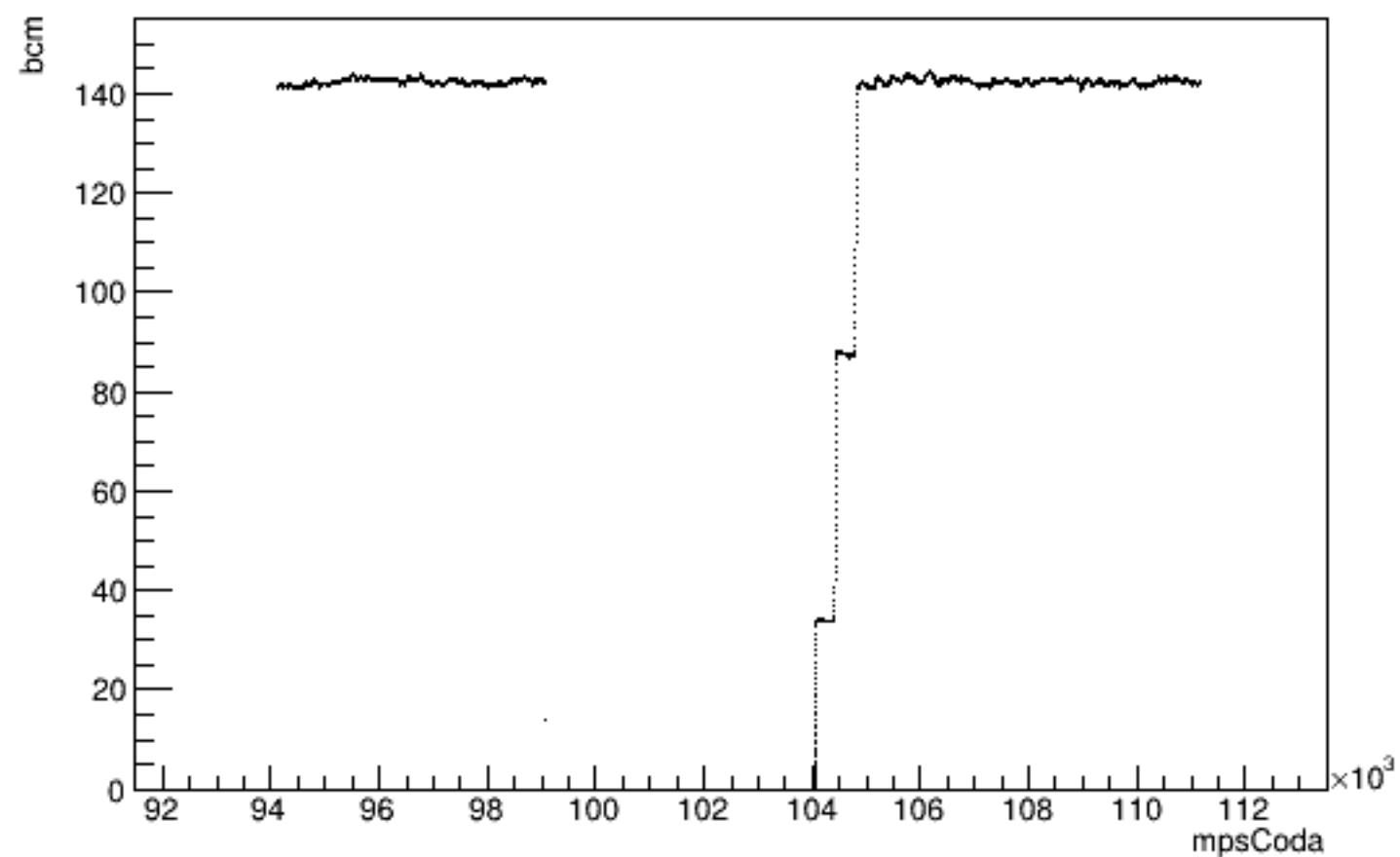
beamState + 1:mpsCoda {mpsCoda>=94107 && mpsCoda<=111182}



cavPowerCalibrated:mpsCoda {mpsCoda>=94107 && mpsCoda<=111182}



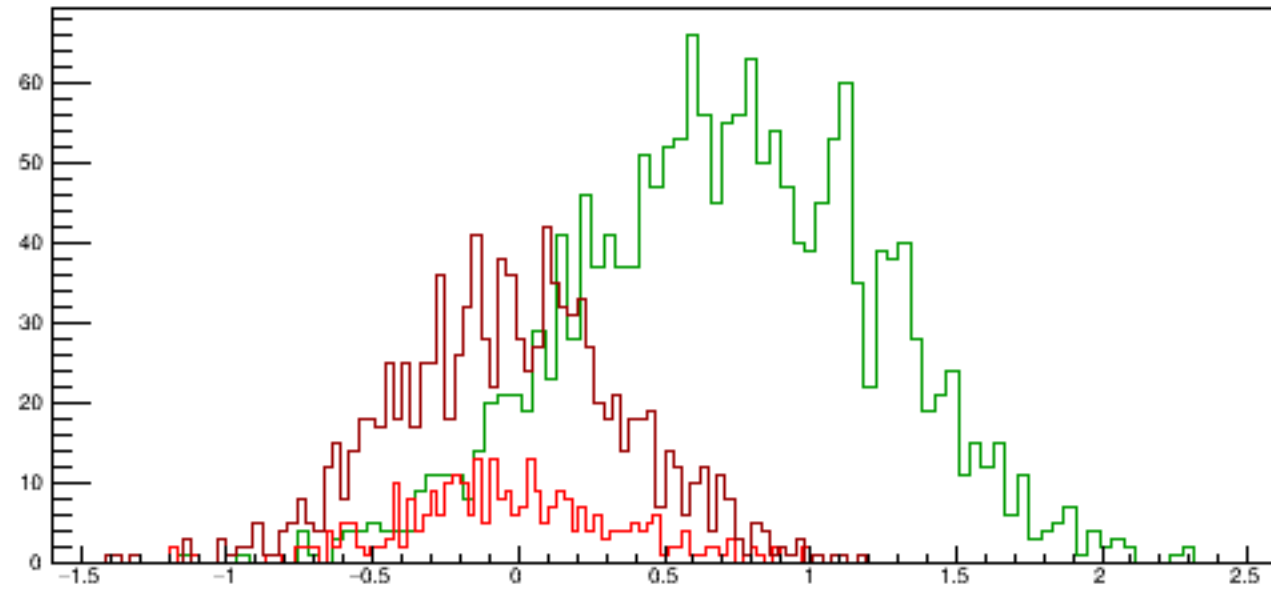
bcm:mpsCoda {mpsCoda>=94107 && mpsCoda<=111182}



Cycle 6, Diffs

Entries: 314 Mean: -0.0280 +/- 0.0213 Std Dev: 0.3775 +/- 0.0151	Entries: 1801 Mean: 0.7152 +/- 0.0122 Std Dev: 0.5190 +/- 0.0086	Entries: 1076 Mean: -0.0300 +/- 0.0120 Std Dev: 0.3946 +/- 0.0085
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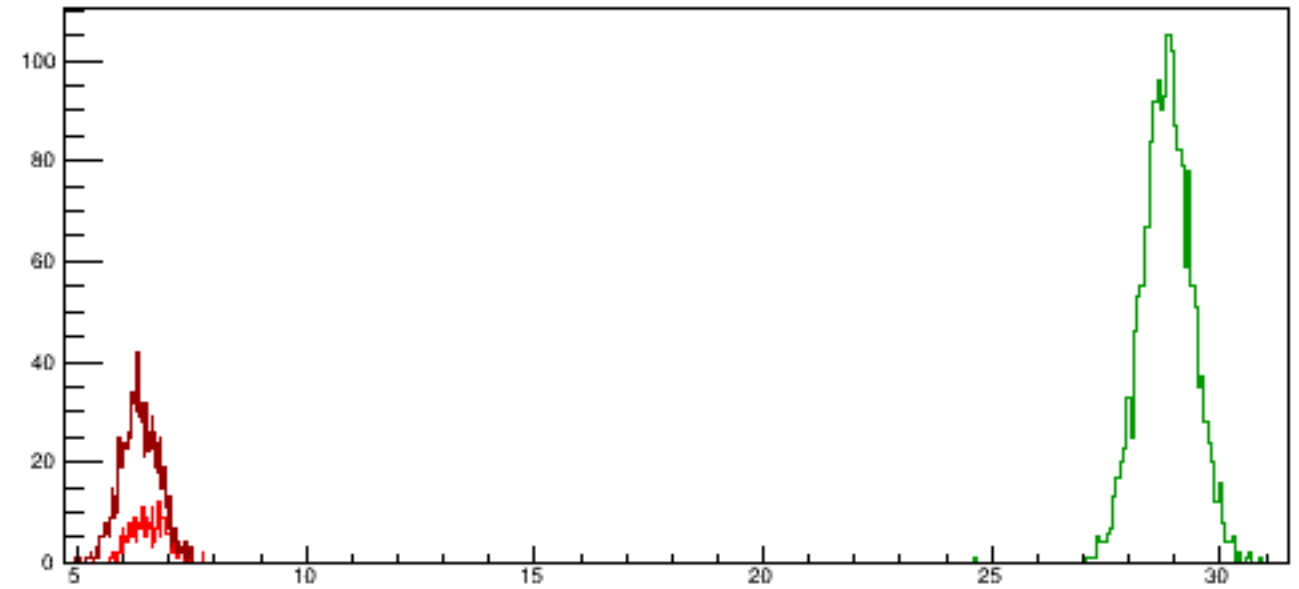
Run 6074 quartetwise, Diffs



Cycle 6, Sums

Entries: 314 Mean: 6.5528 +/- 0.0220 Std Dev: 0.3901 +/- 0.0156	Entries: 1801 Mean: 28.8280 +/- 0.0133 Std Dev: 0.5627 +/- 0.0094	Entries: 1076 Mean: 6.3507 +/- 0.0127 Std Dev: 0.4160 +/- 0.0090
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Run 6074 quartetwise, Sums

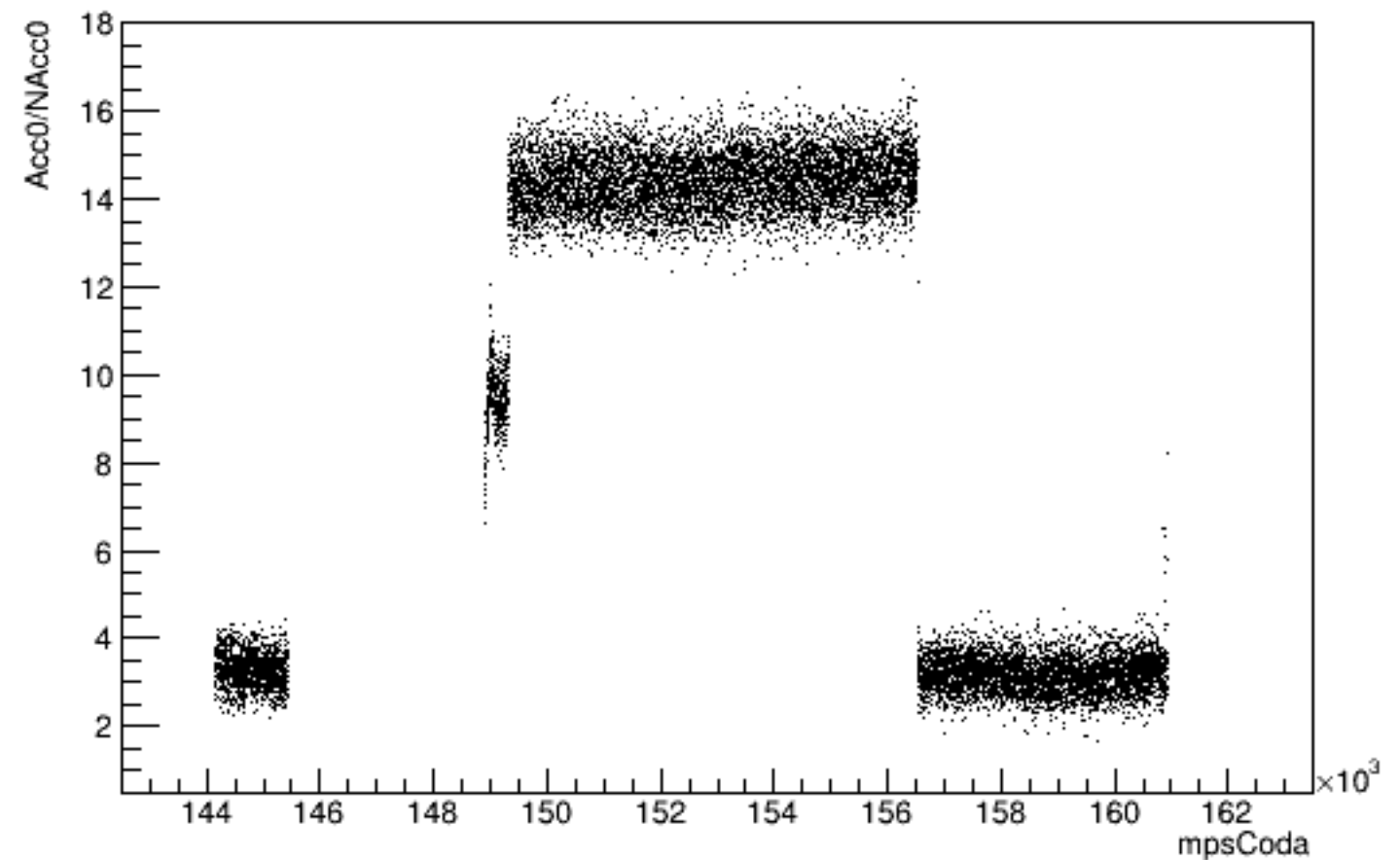
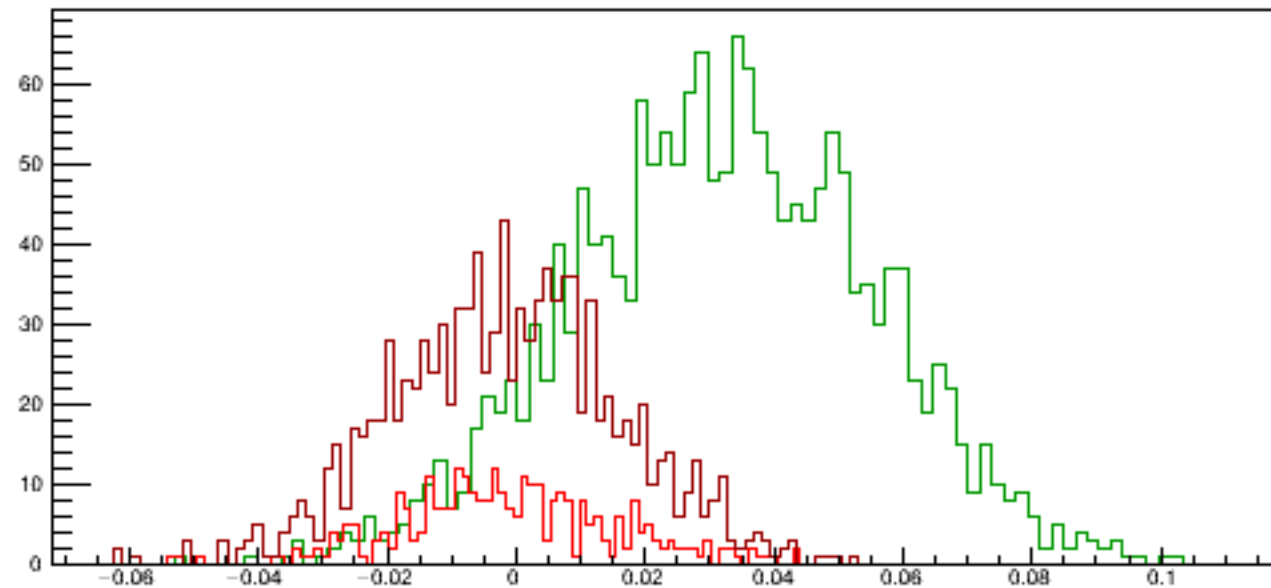


Acc0/NAcc0:mpsCoda (mpsCoda>=144147 && mpsCoda<=160930 && beamState==1)

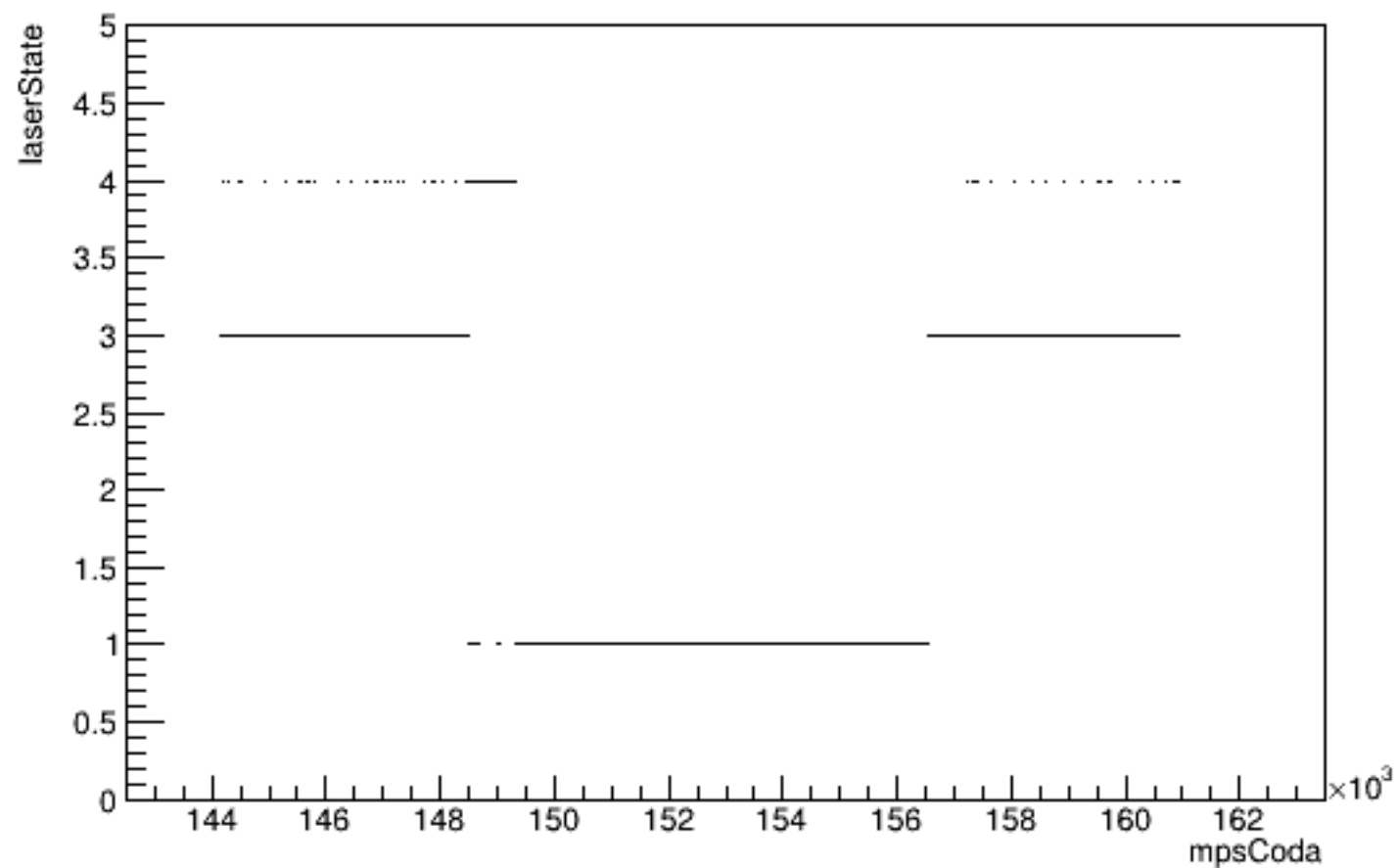
Cycle 6, Asyms

Entries: 314 Mean: -0.0012 +/- 0.0010 Std Dev: 0.0169 +/- 0.0007	Entries: 1801 Mean: 0.0320 +/- 0.0005 Std Dev: 0.0232 +/- 0.0004	Entries: 1076 Mean: -0.0013 +/- 0.0005 Std Dev: 0.0176 +/- 0.0004
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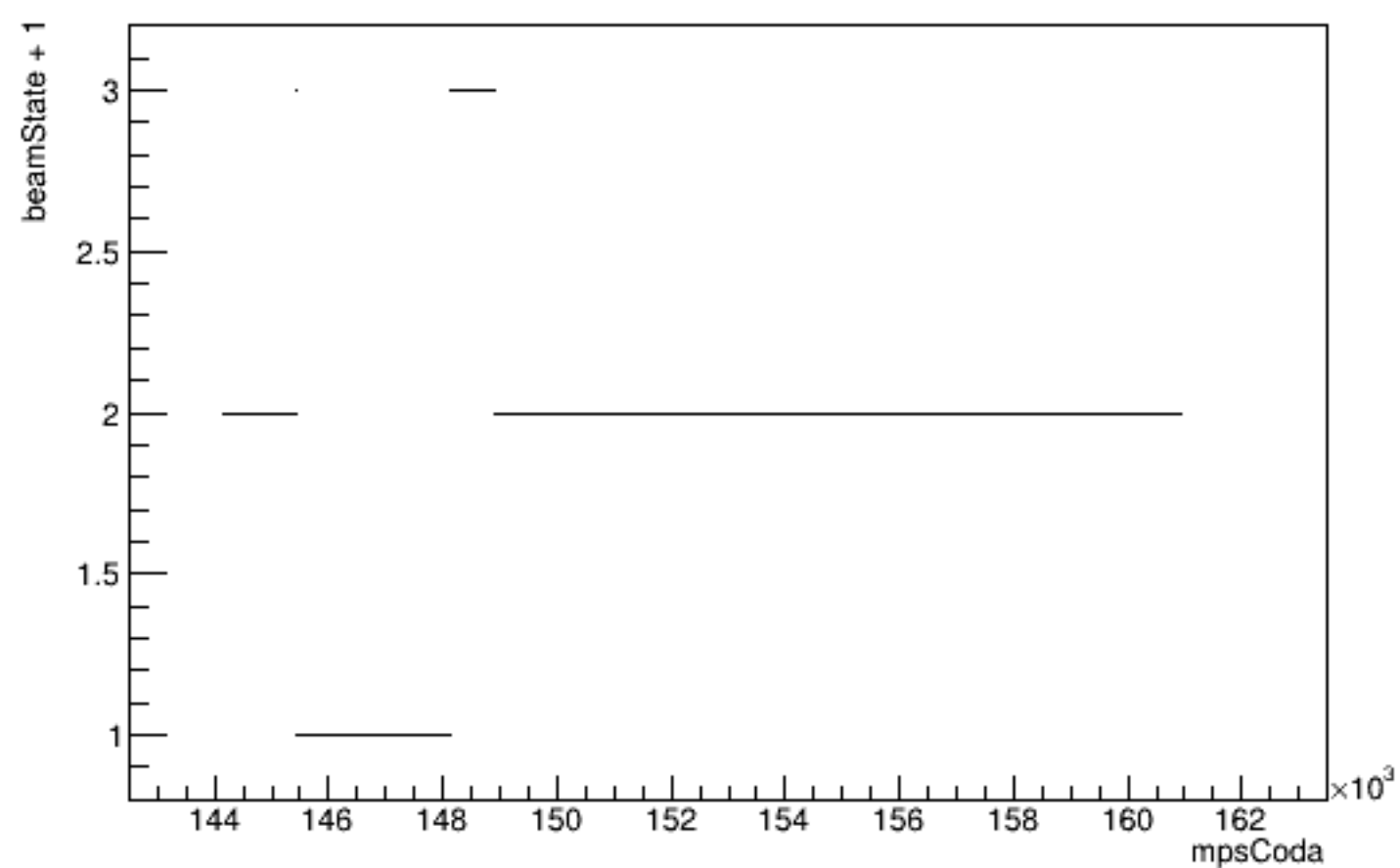
Run 6074 quartetwise, Asyms



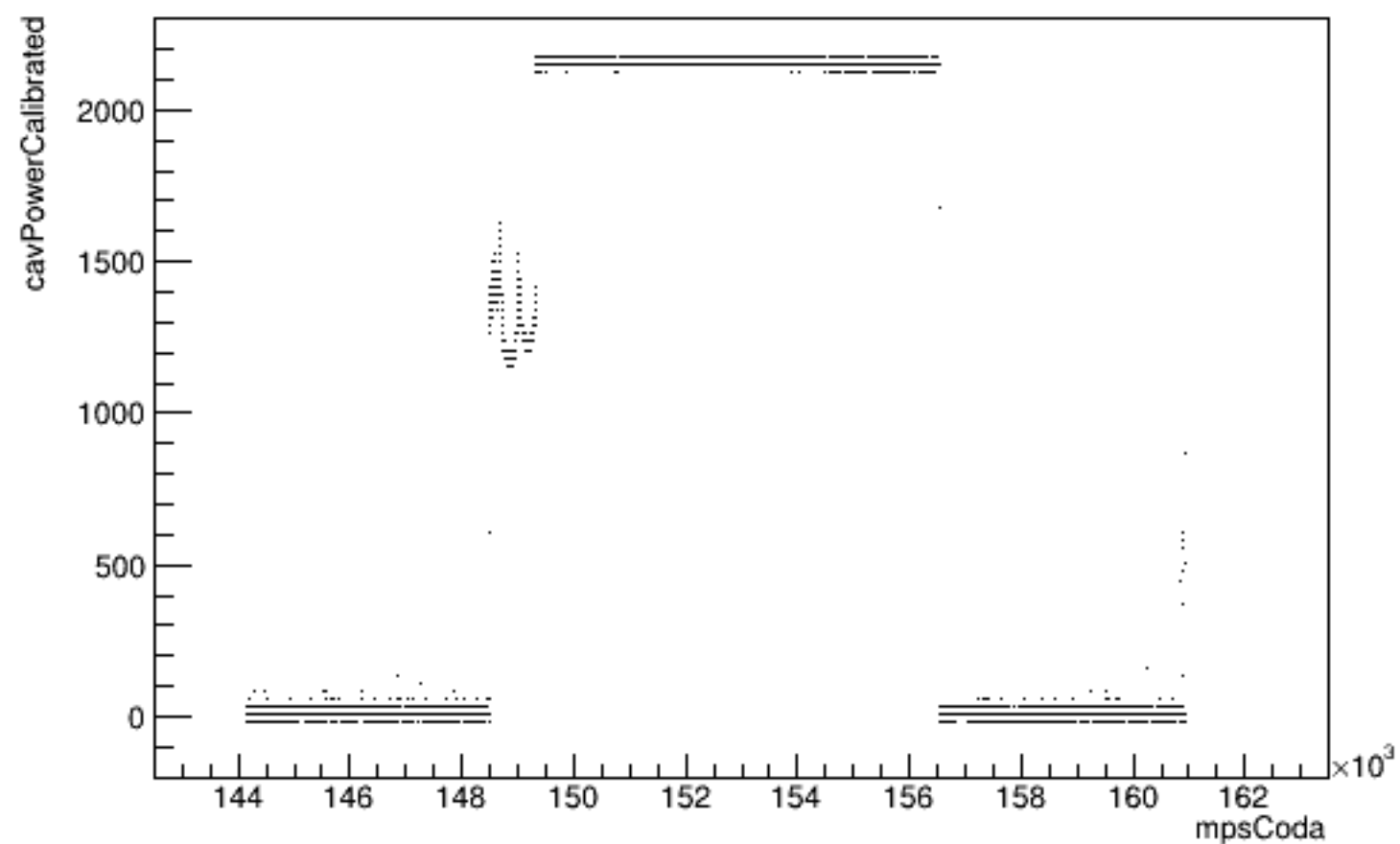
laserState:mpsCoda {mpsCoda>=144147 && mpsCoda<=160930}



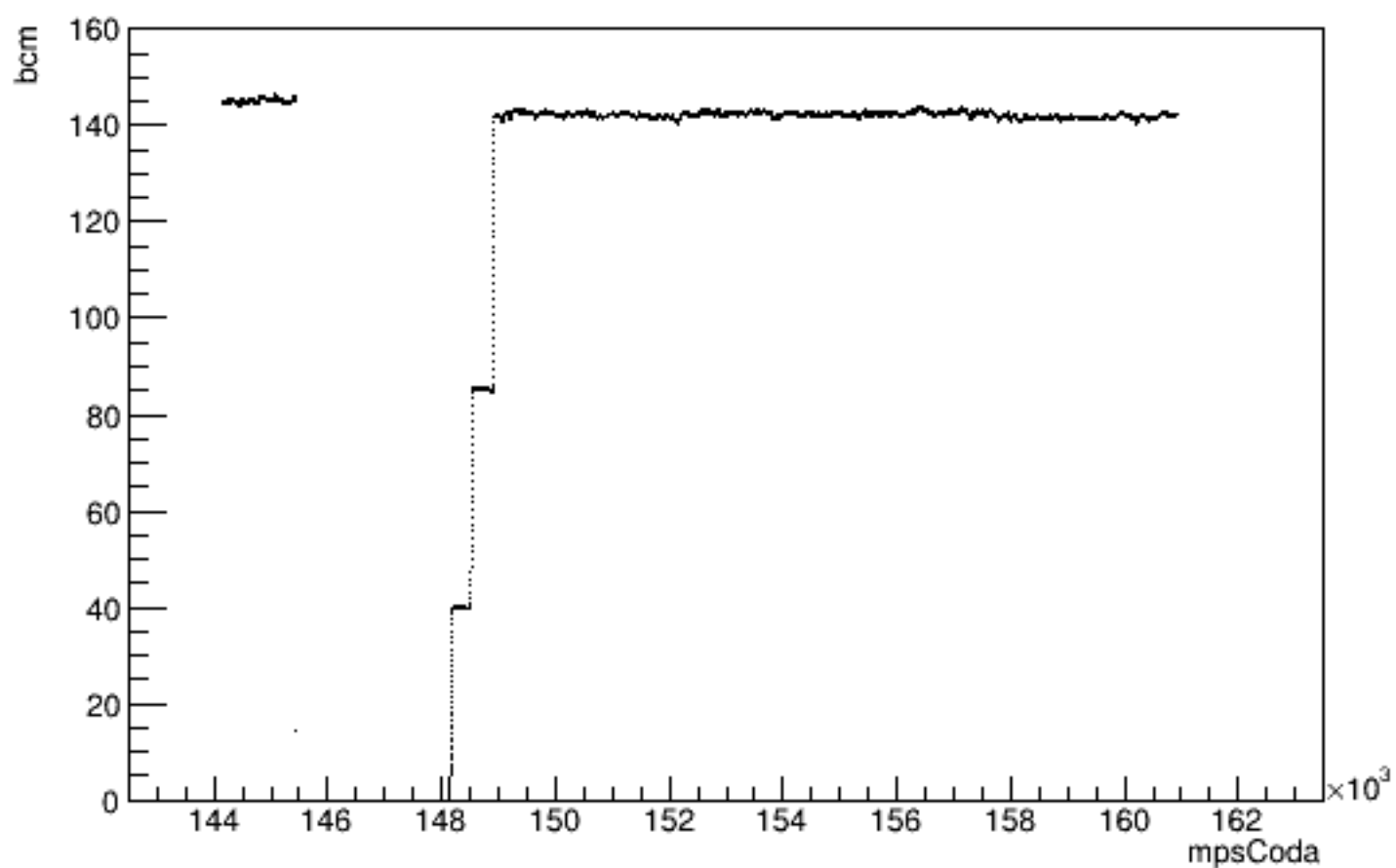
beamState + 1:mpsCoda {mpsCoda>=144147 && mpsCoda<=160930}



cavPowerCalibrated:mpsCoda {mpsCoda>=144147 && mpsCoda<=160930}



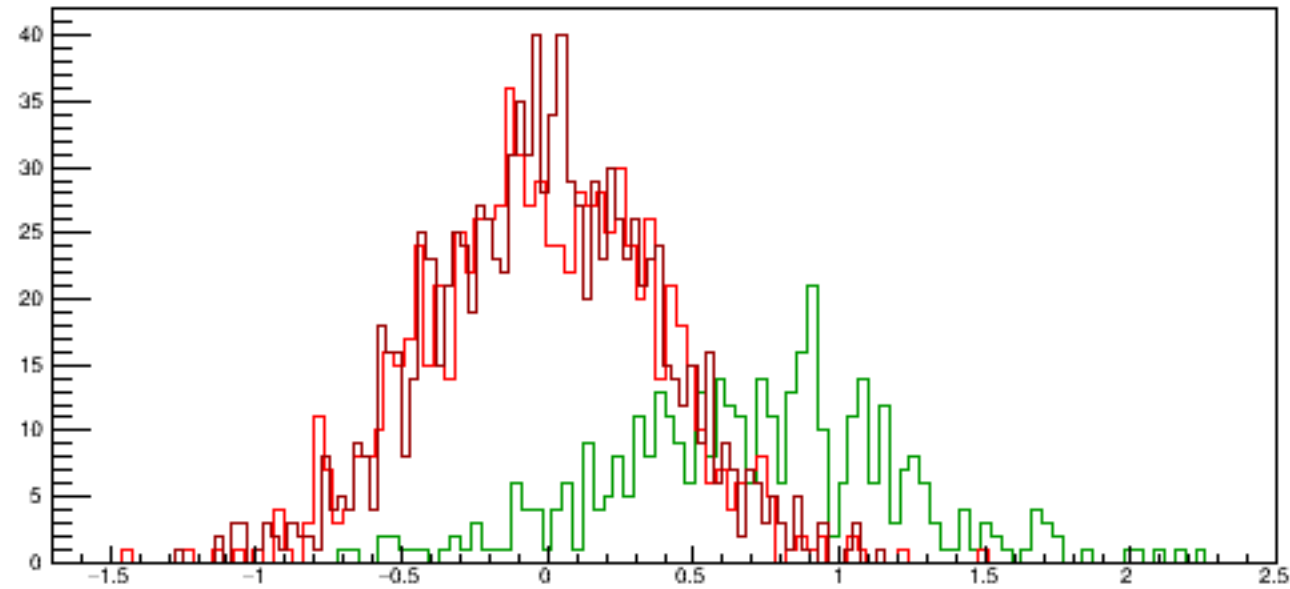
bcm:mpsCoda {mpsCoda>=144147 && mpsCoda<=160930}



Cycle 7, Diffs

Entries: 845 Mean: -0.0178 +/- 0.0134 Std Dev: 0.3897 +/- 0.0095	Entries: 396 Mean: 0.6924 +/- 0.0250 Std Dev: 0.4974 +/- 0.0177	Entries: 1072 Mean: -0.0141 +/- 0.0117 Std Dev: 0.3834 +/- 0.0083
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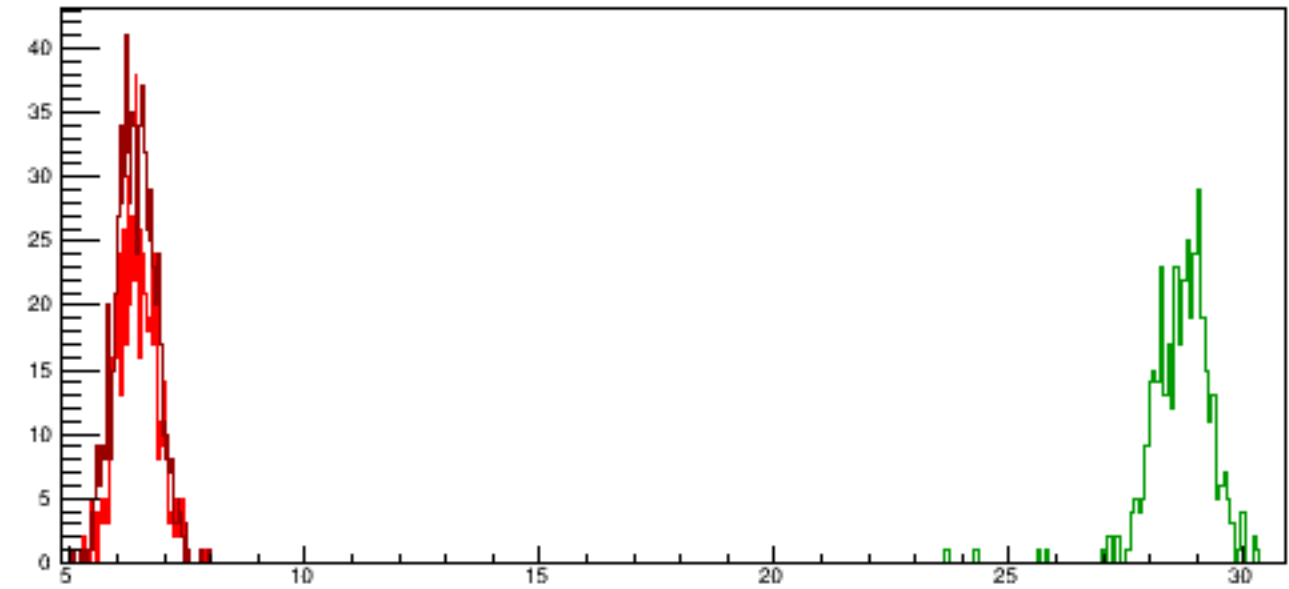
Run 6074 quartetwise, Diffs



Cycle 7, Sums

Entries: 845 Mean: 6.4433 +/- 0.0141 Std Dev: 0.4090 +/- 0.0099	Entries: 396 Mean: 28.6665 +/- 0.0338 Std Dev: 0.6729 +/- 0.0239	Entries: 1072 Mean: 6.3911 +/- 0.0127 Std Dev: 0.4173 +/- 0.0090
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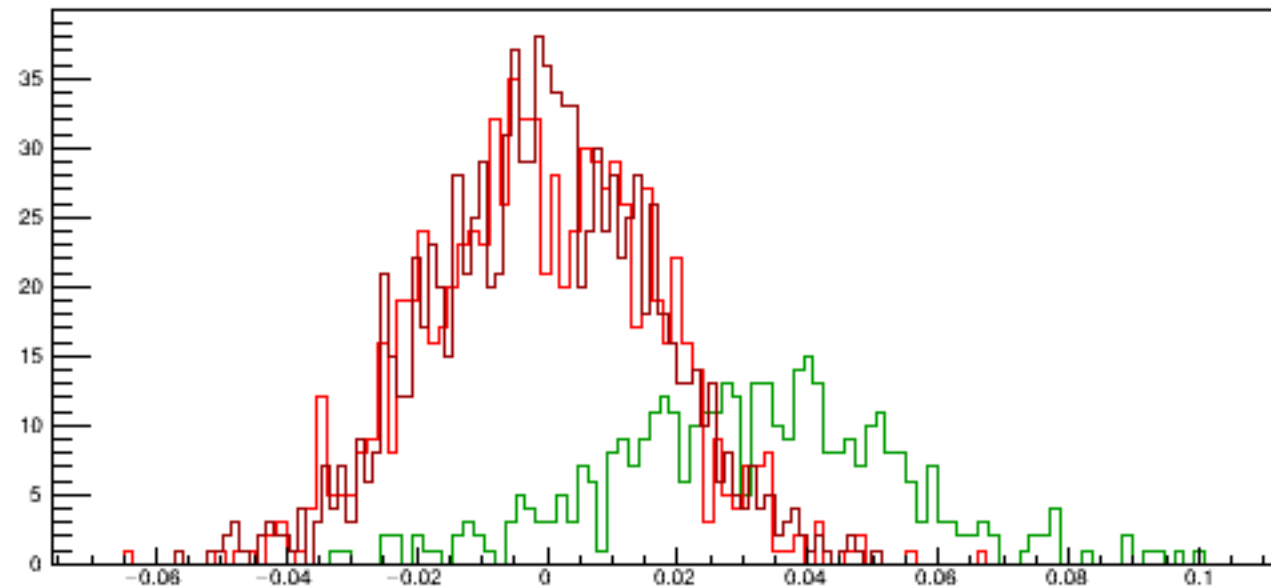
Run 6074 quartetwise, Sums



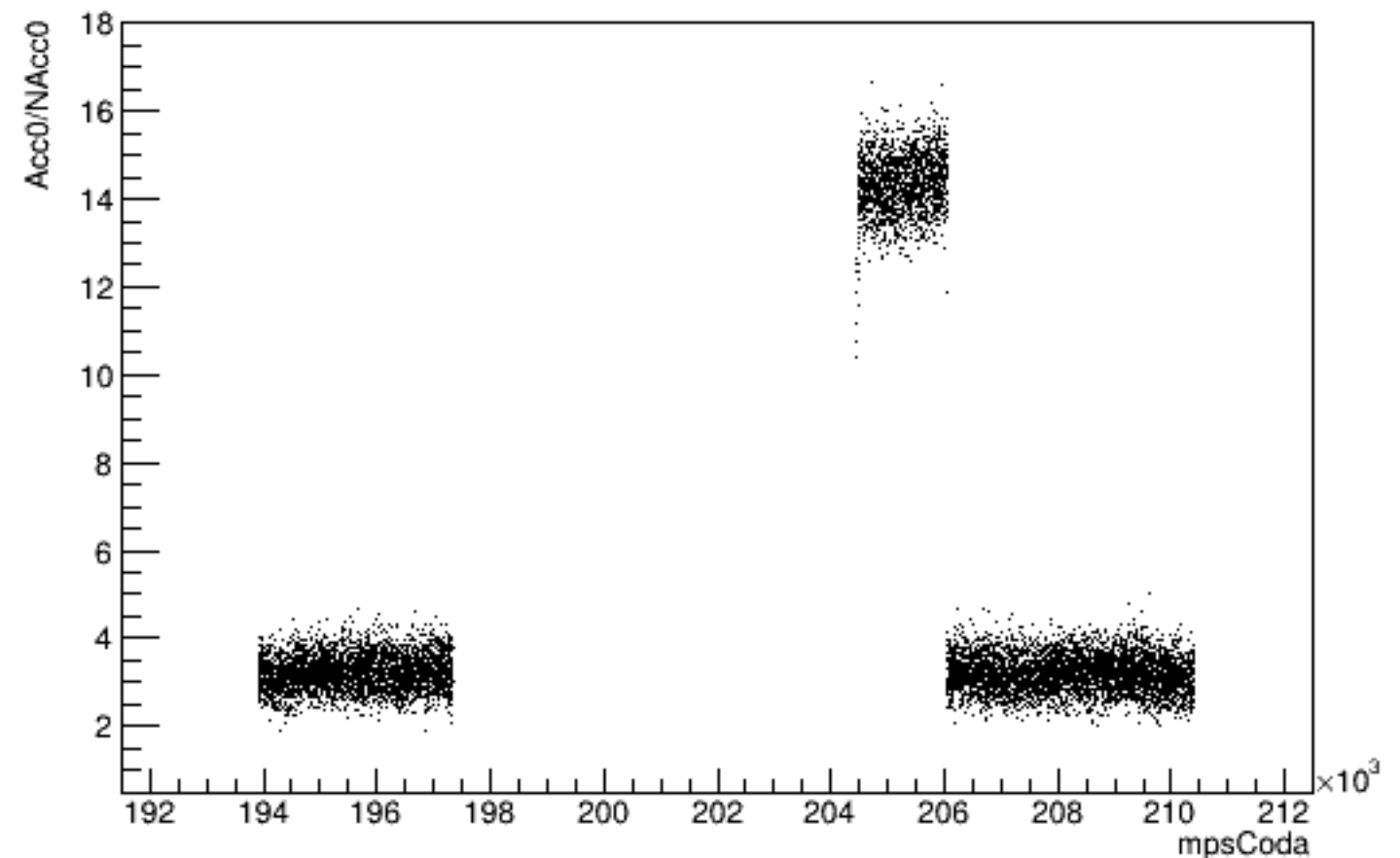
Cycle 7, Asyms

Entries: 845 Mean: -0.0008 +/- 0.0006 Std Dev: 0.0175 +/- 0.0004	Entries: 396 Mean: 0.0312 +/- 0.0011 Std Dev: 0.0224 +/- 0.0008	Entries: 1072 Mean: -0.0006 +/- 0.0005 Std Dev: 0.0172 +/- 0.0004
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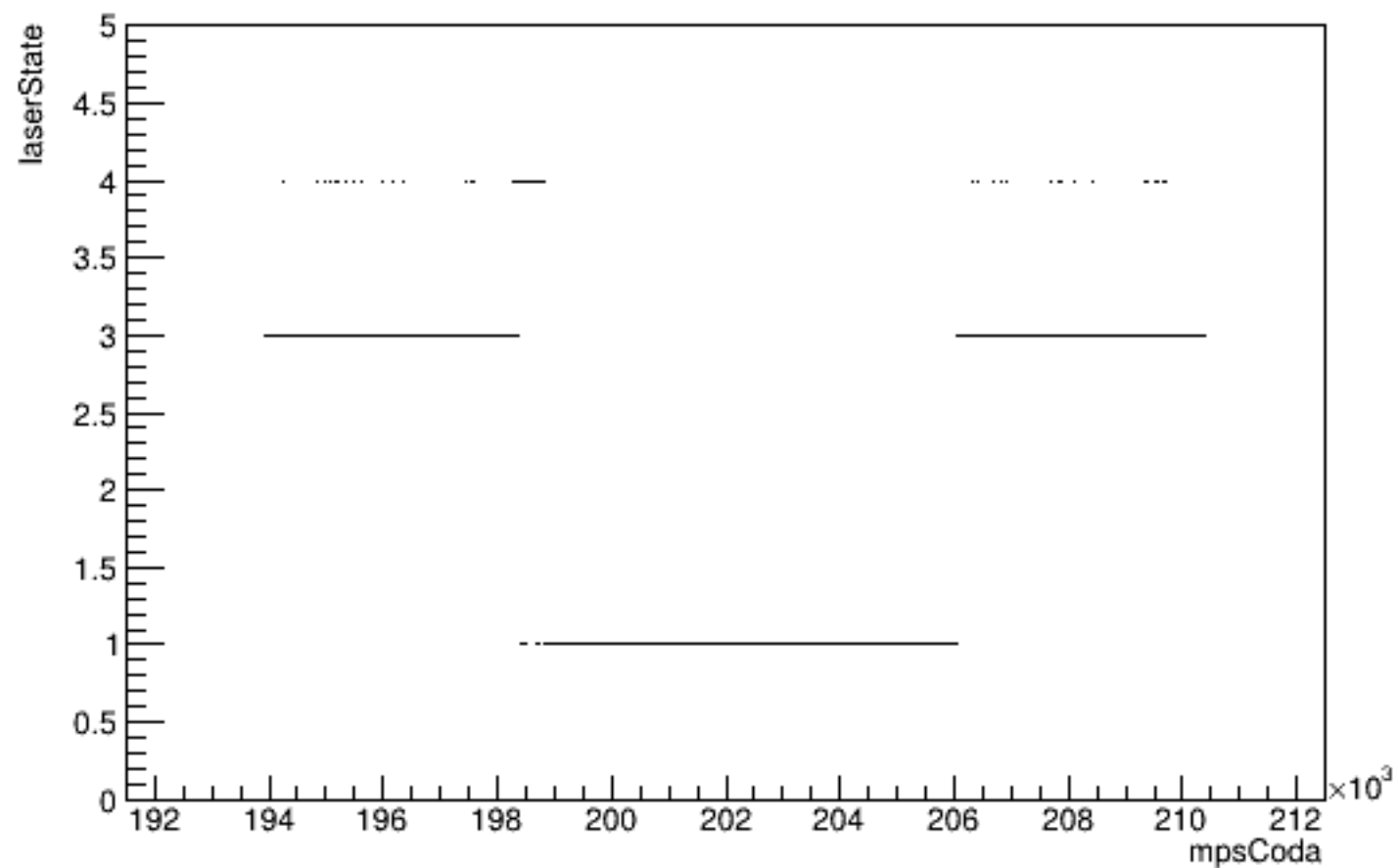
Run 6074 quartetwise, Asyms



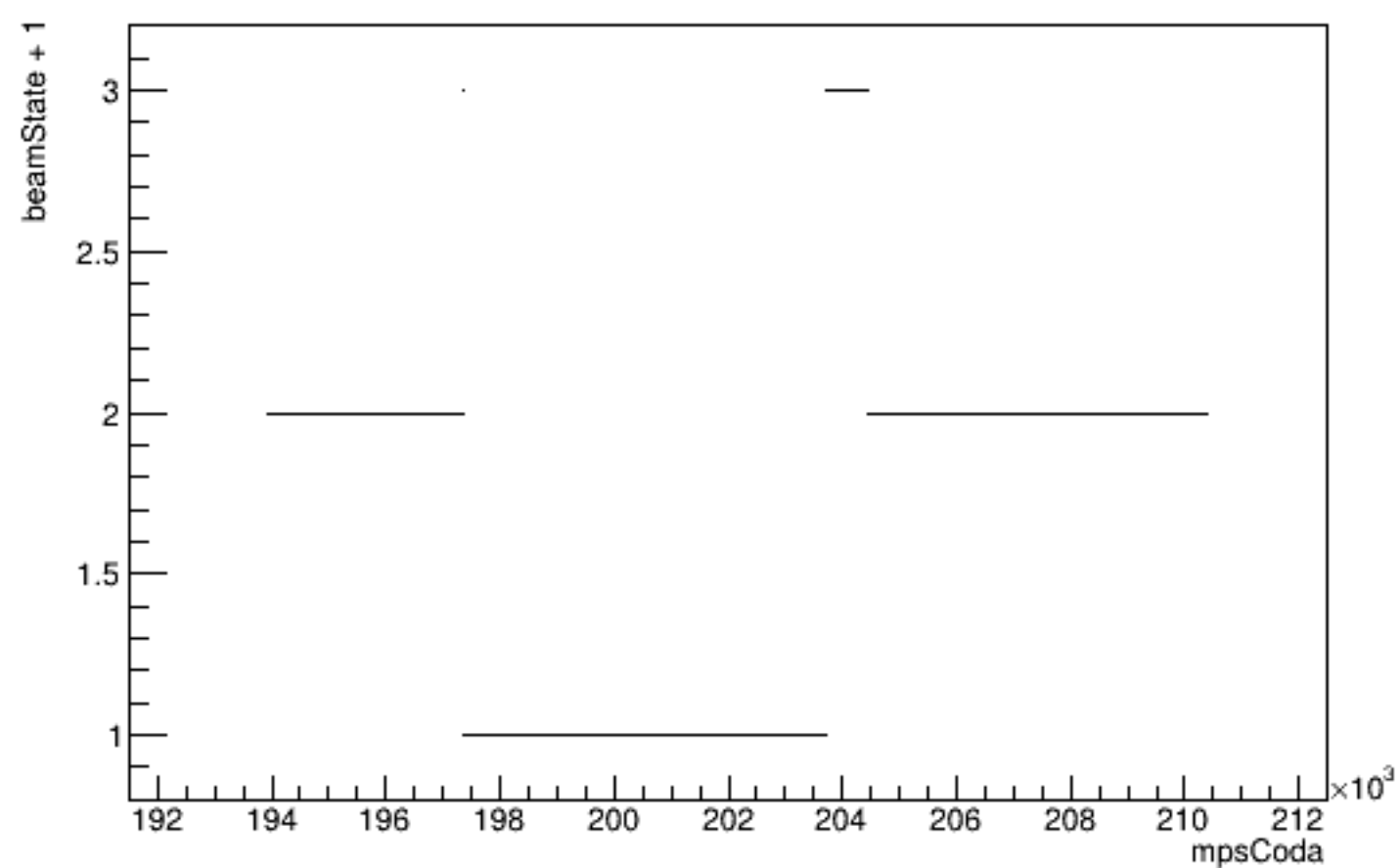
Acc0/NAcc0:mpsCoda (mpsCoda>=193911 && mpsCoda<=210398 && beamState==1)



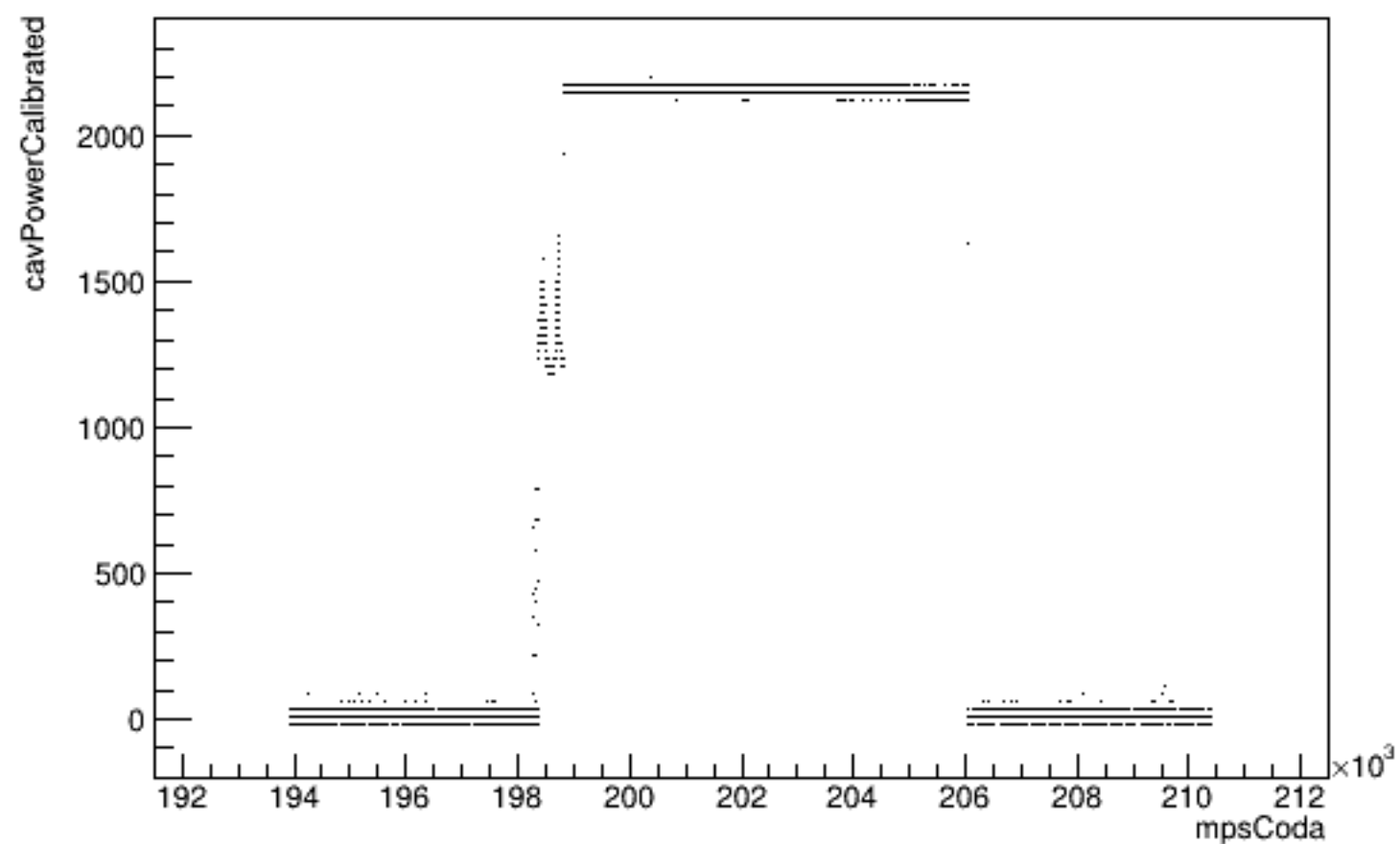
laserState:mpsCoda {mpsCoda>=193911 && mpsCoda<=210398}



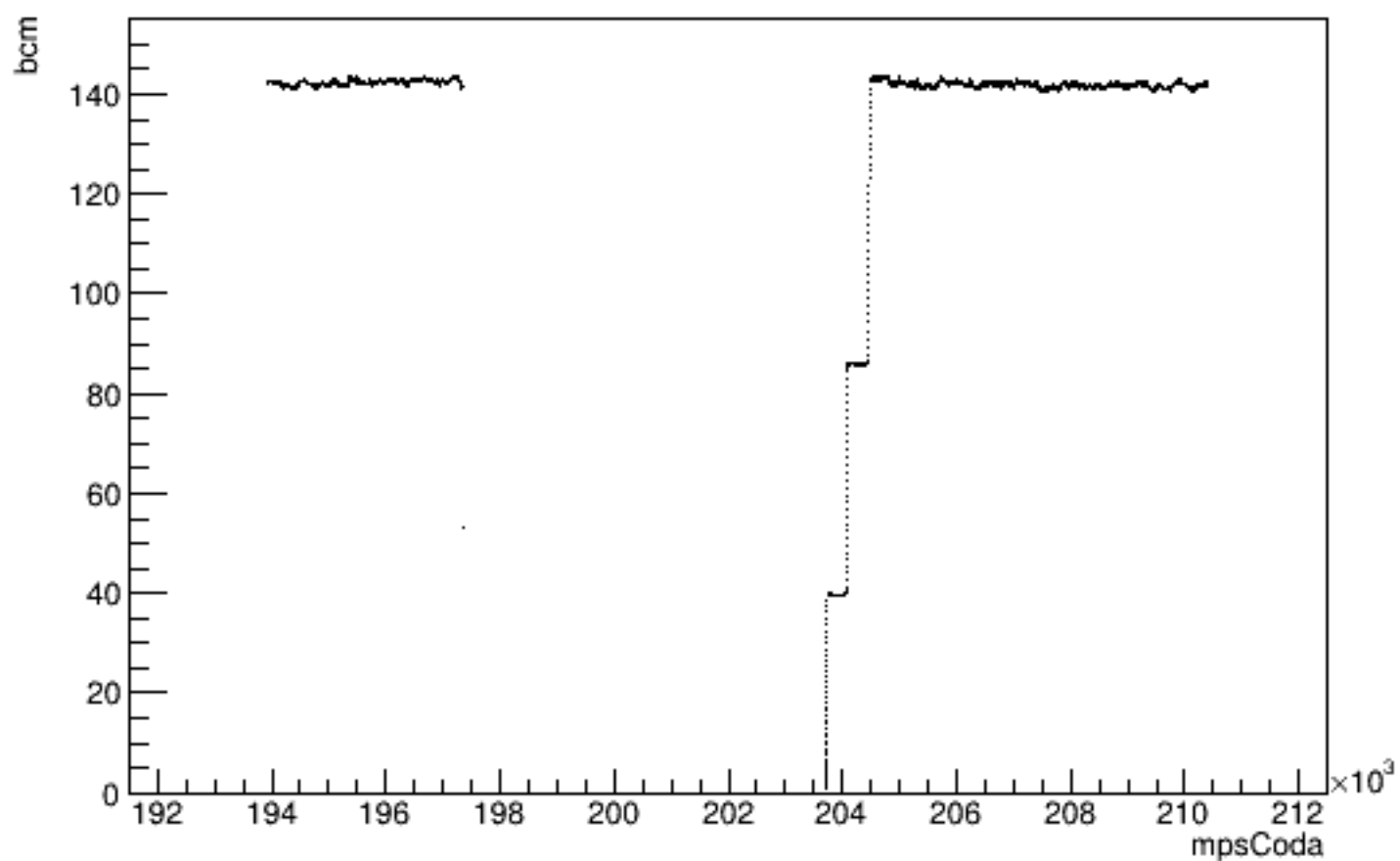
beamState + 1:mpsCoda {mpsCoda>=193911 && mpsCoda<=210398}



cavPowerCalibrated:mpsCoda {mpsCoda>=193911 && mpsCoda<=210398}



bcm:mpsCoda {mpsCoda>=193911 && mpsCoda<=210398}



Cycle 8, Diffs

Entries: 1072

Mean: -0.0141 +/- 0.0117

Std Dev: 0.3834 +/- 0.0083

Entries: 1800

Mean: 0.6980 +/- 0.0120

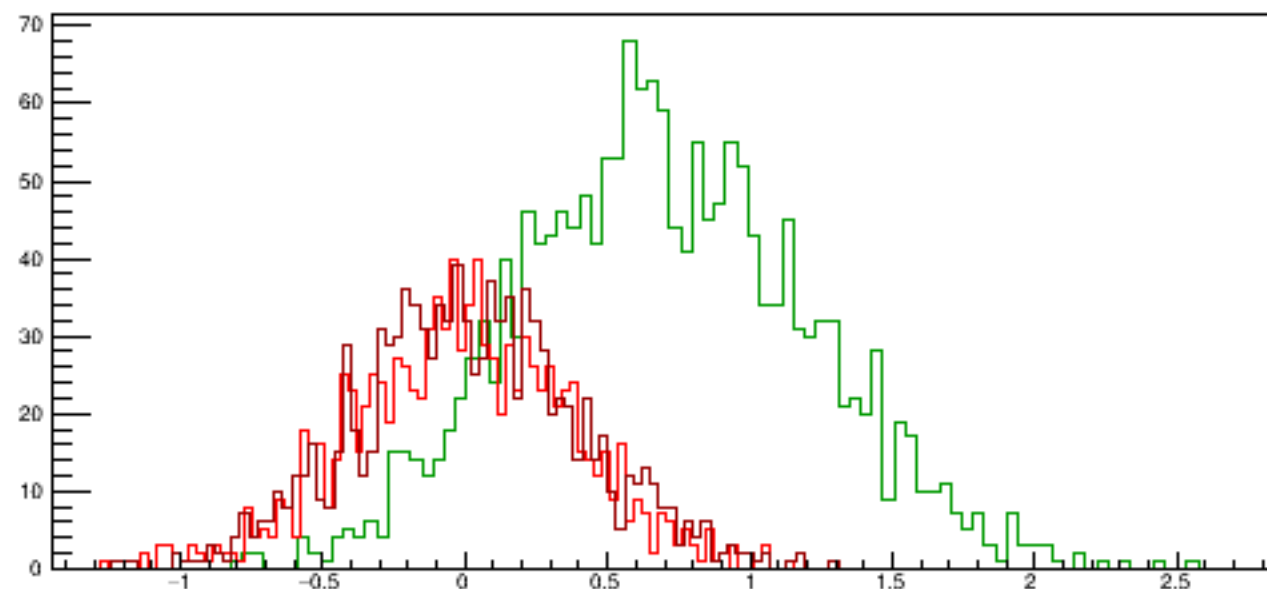
Std Dev: 0.5086 +/- 0.0085

Entries: 1078

Mean: 0.0123 +/- 0.0119

Std Dev: 0.3921 +/- 0.0084

Run 6074 quartetwise, Diffs



Cycle 8, Sums

Entries: 1072

Mean: 6.3911 +/- 0.0127

Std Dev: 0.4173 +/- 0.0090

Entries: 1800

Mean: 28.9636 +/- 0.0126

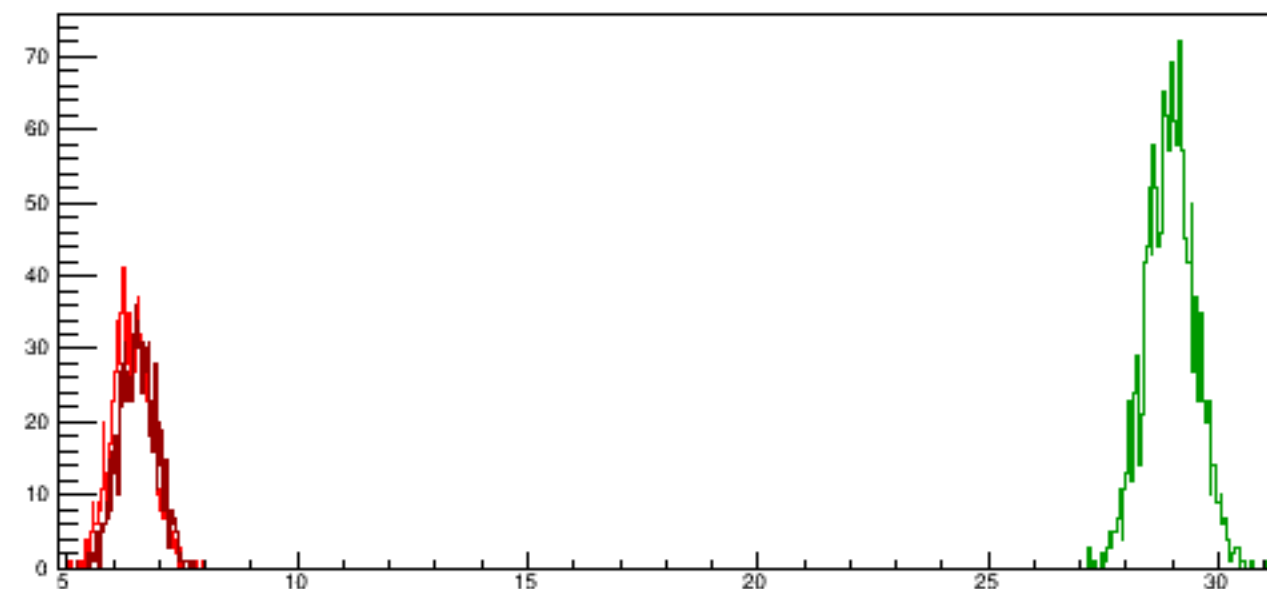
Std Dev: 0.5337 +/- 0.0089

Entries: 1078

Mean: 6.5251 +/- 0.0123

Std Dev: 0.4024 +/- 0.0087

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=206047 && mpsCoda<=222786 && beamState==1)

Cycle 8, Asyms

Entries: 1072

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0170 +/- 0.0004

Entries: 1800

Mean: 0.0310 +/- 0.0005

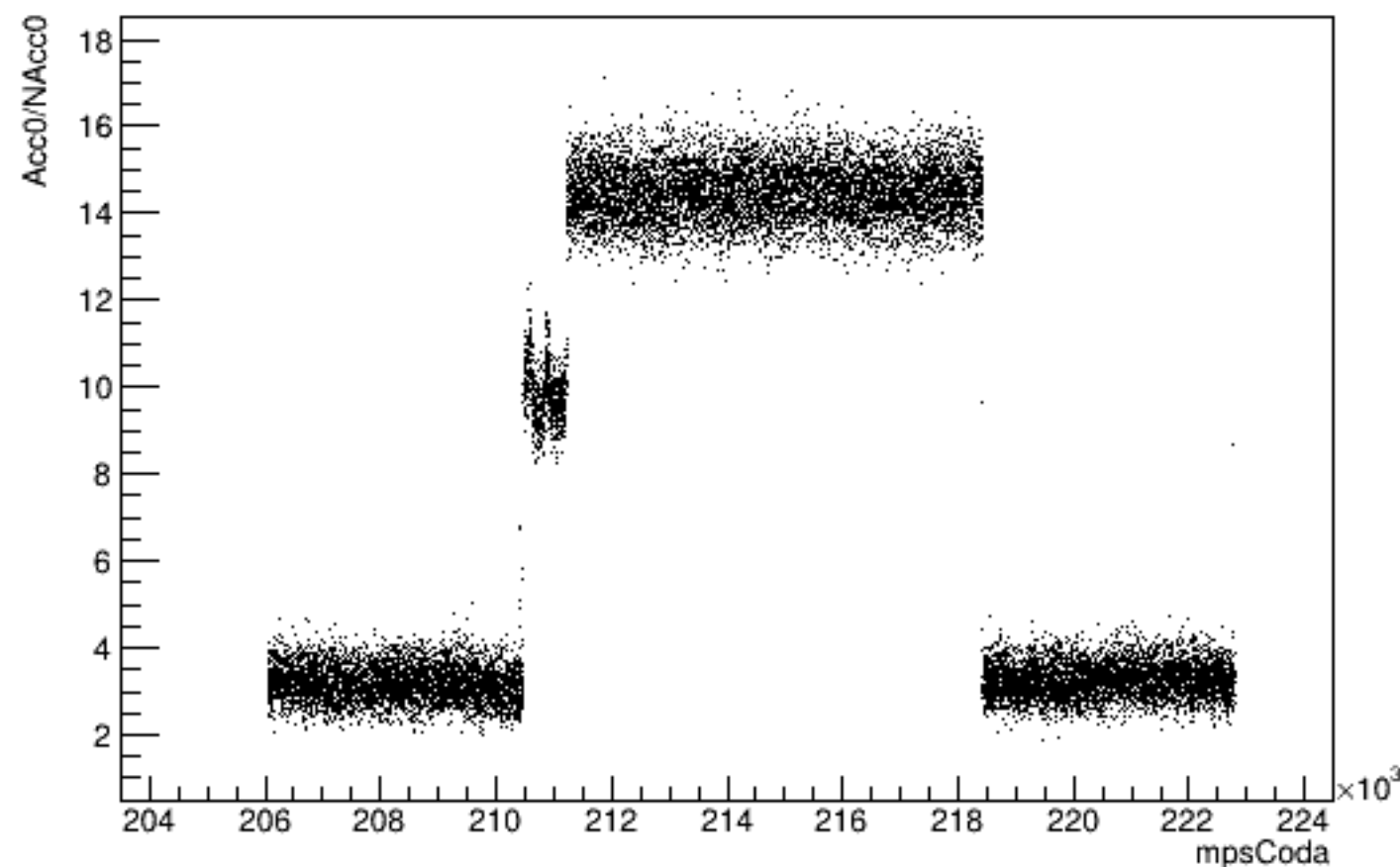
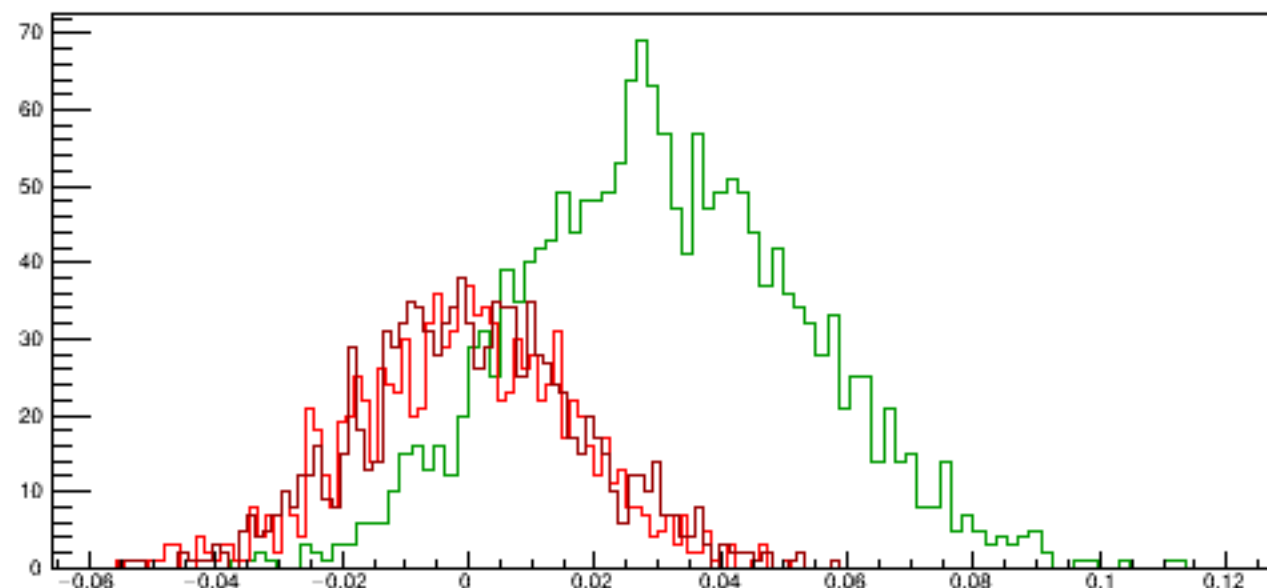
Std Dev: 0.0226 +/- 0.0004

Entries: 1078

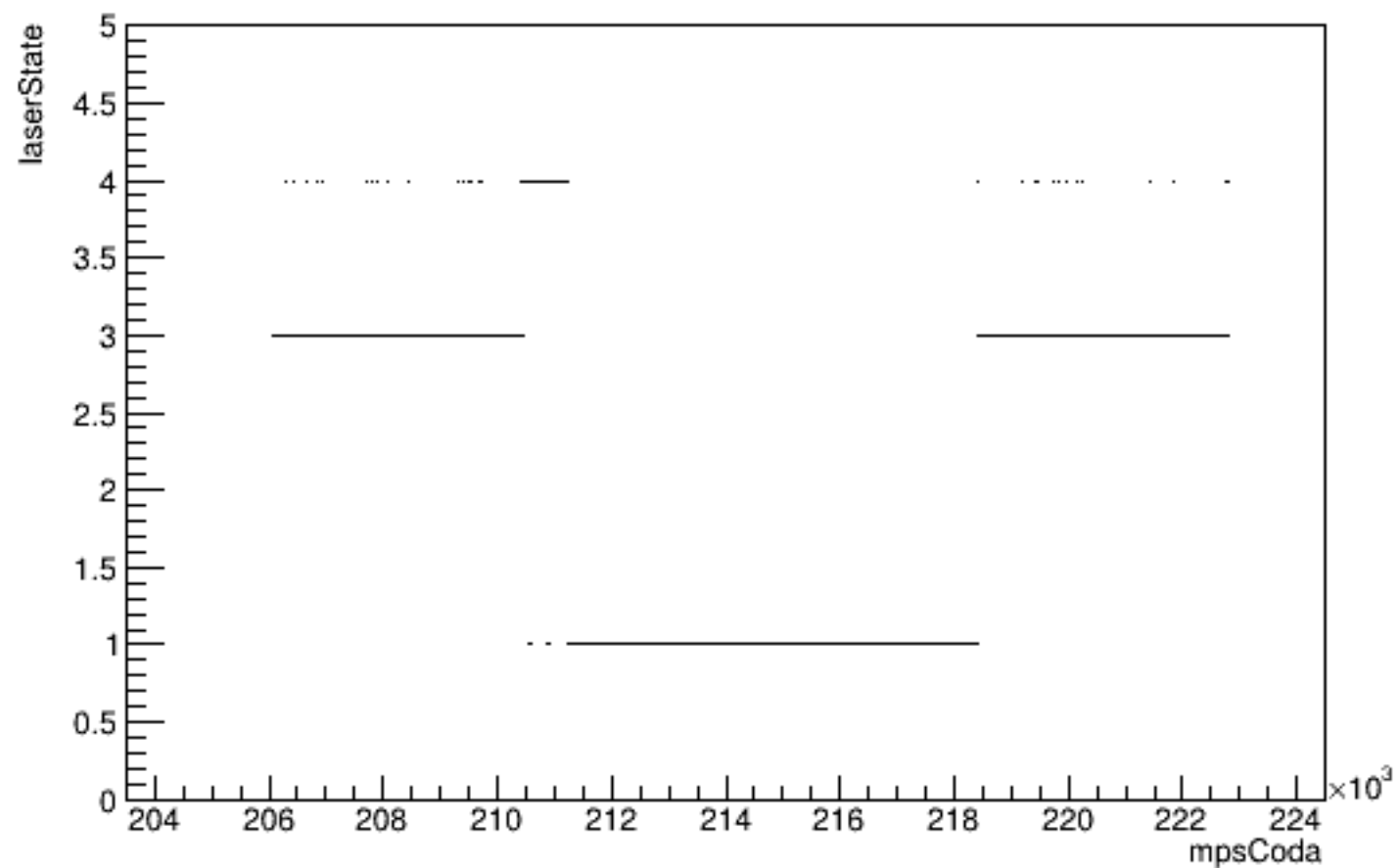
Mean: 0.0005 +/- 0.0005

Std Dev: 0.0174 +/- 0.0004

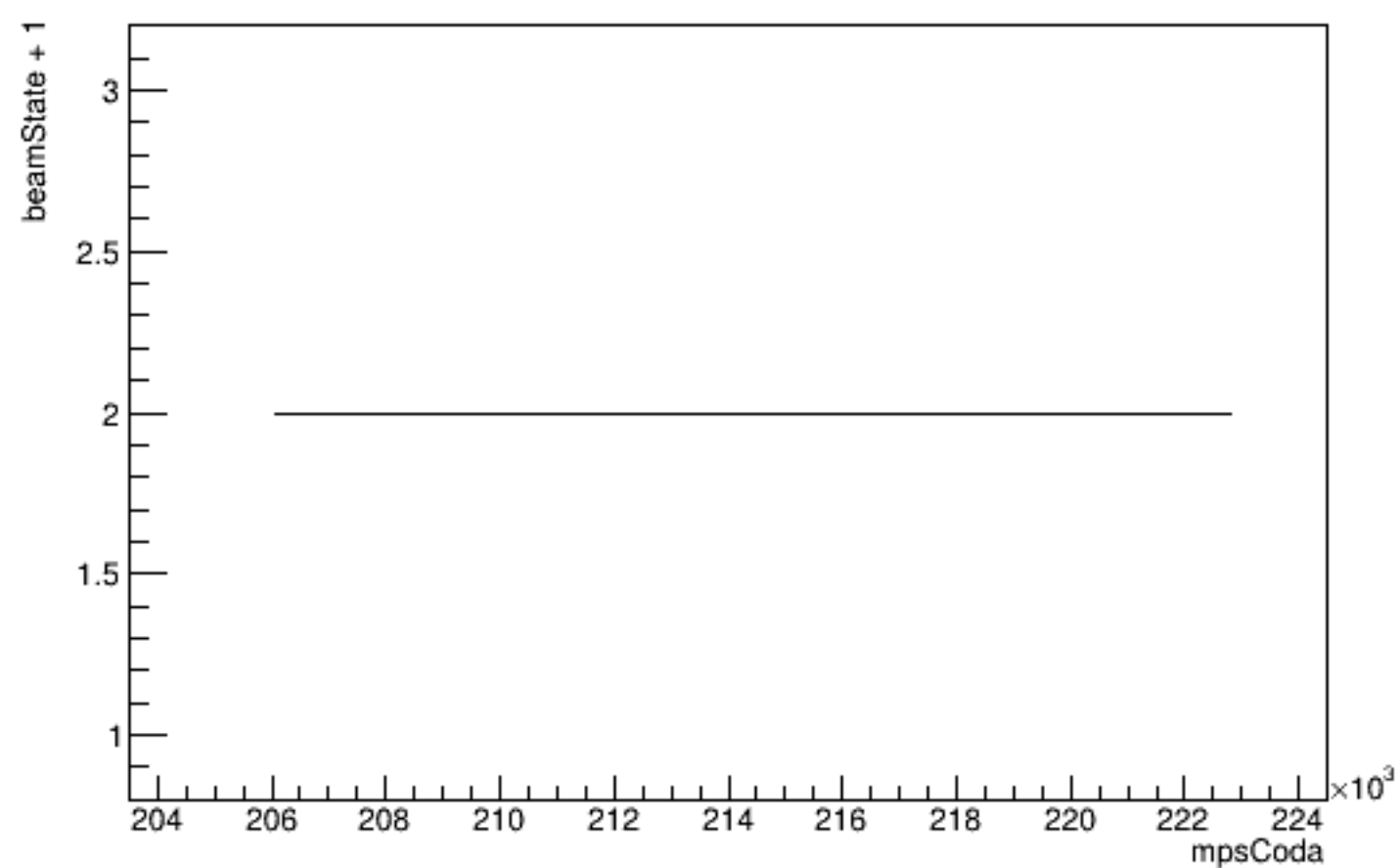
Run 6074 quartetwise, Asyms



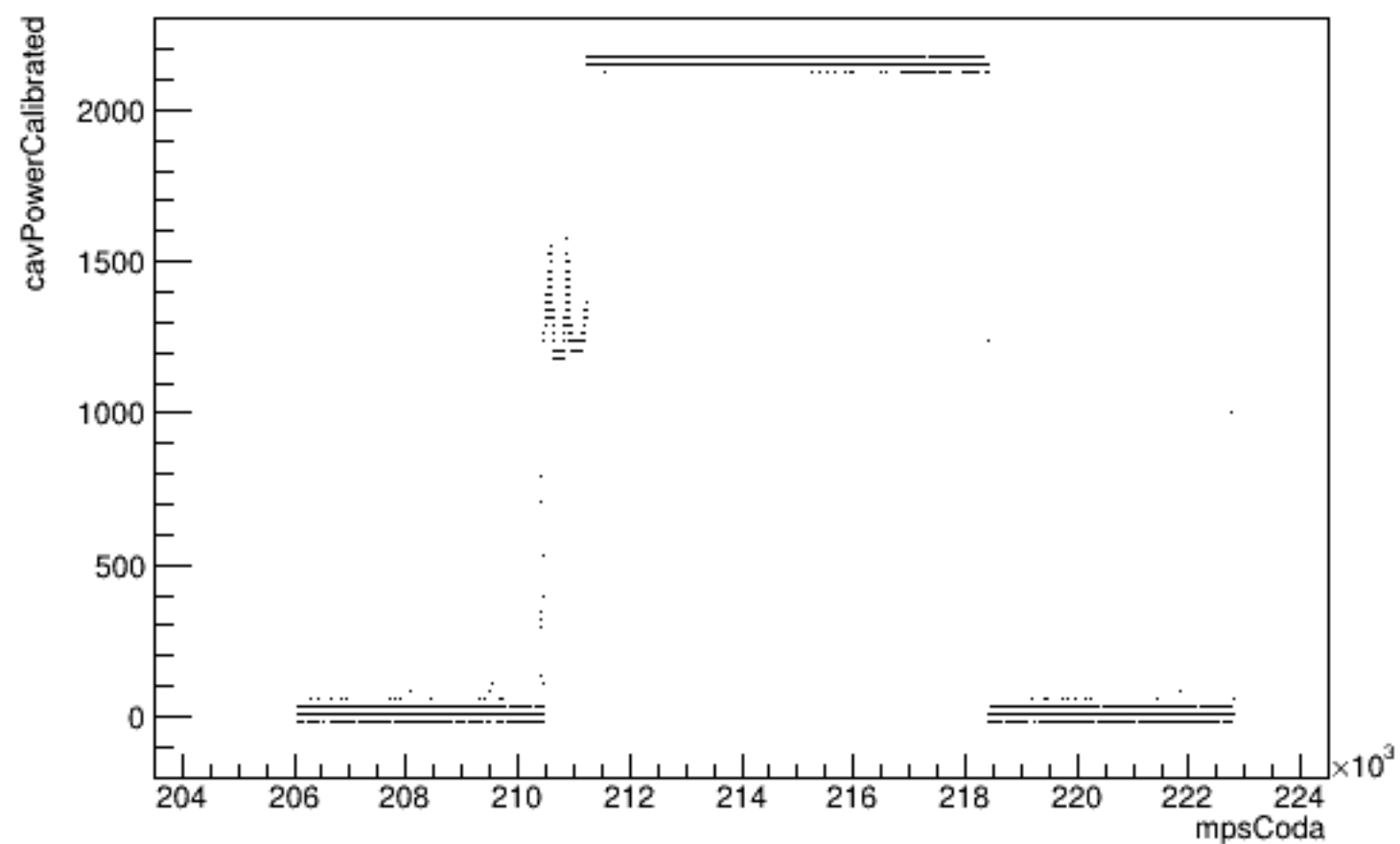
laserState:mpsCoda {mpsCoda>=206047 && mpsCoda<=222786}



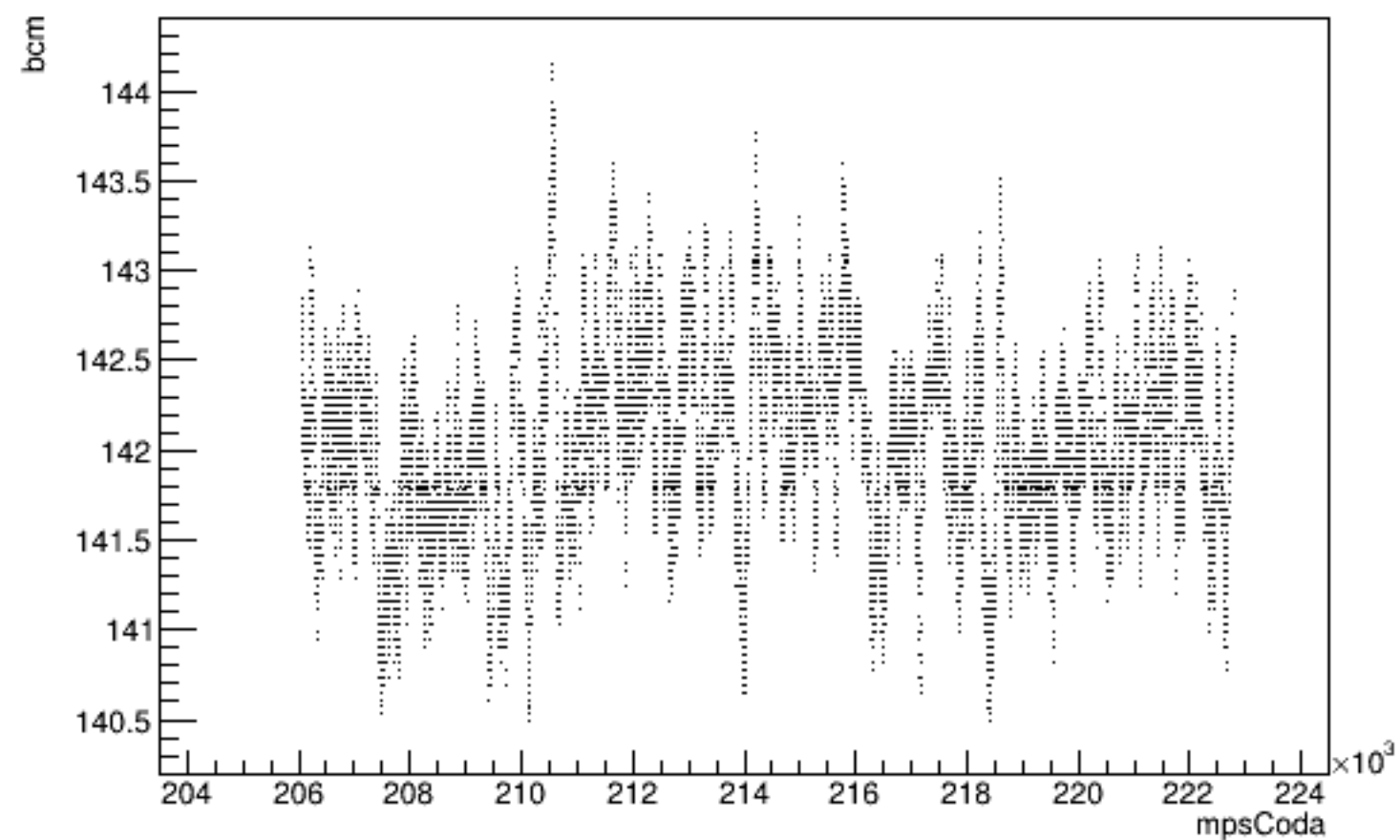
beamState + 1:mpsCoda {mpsCoda>=206047 && mpsCoda<=222786}



cavPowerCalibrated:mpsCoda {mpsCoda>=206047 && mpsCoda<=222786}



bcm:mpsCoda {mpsCoda>=206047 && mpsCoda<=222786}



Cycle 9, Diffs

Entries: 1078

Mean: 0.0123 +/- 0.0119

Std Dev: 0.3921 +/- 0.0084

Entries: 1000

Mean: 0.6977 +/- 0.0164

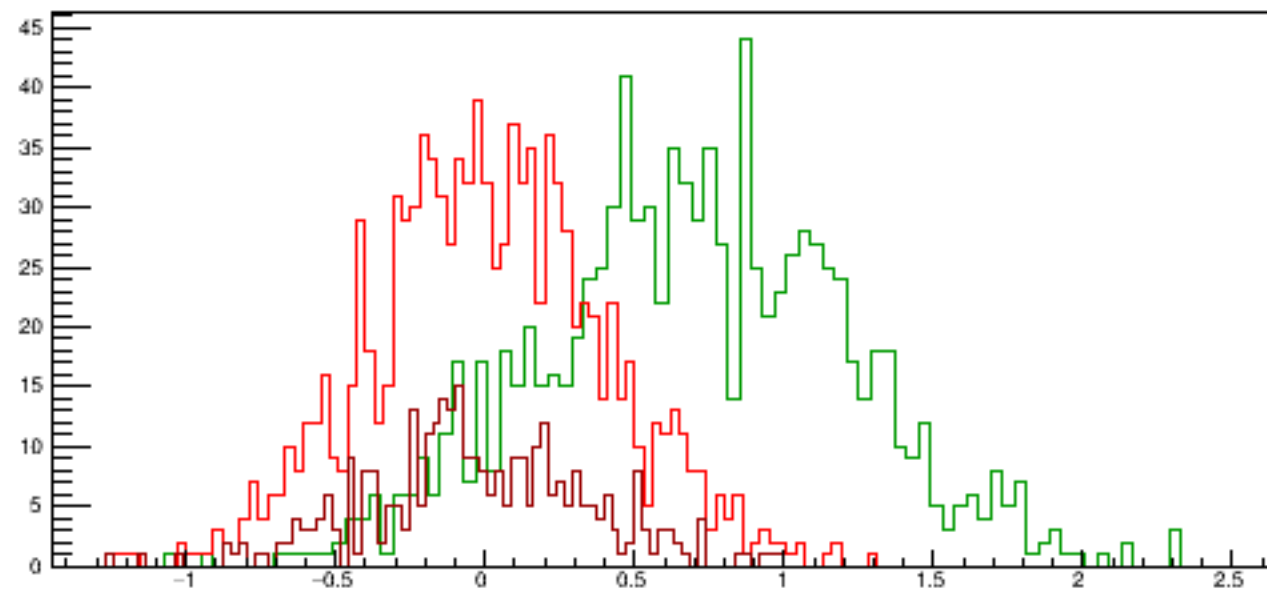
Std Dev: 0.5199 +/- 0.0116

Entries: 333

Mean: -0.0292 +/- 0.0203

Std Dev: 0.3697 +/- 0.0143

Run 6074 quartetwise, Diffs



Cycle 9, Sums

Entries: 1078

Mean: 6.5251 +/- 0.0123

Std Dev: 0.4024 +/- 0.0087

Entries: 1000

Mean: 28.9371 +/- 0.0184

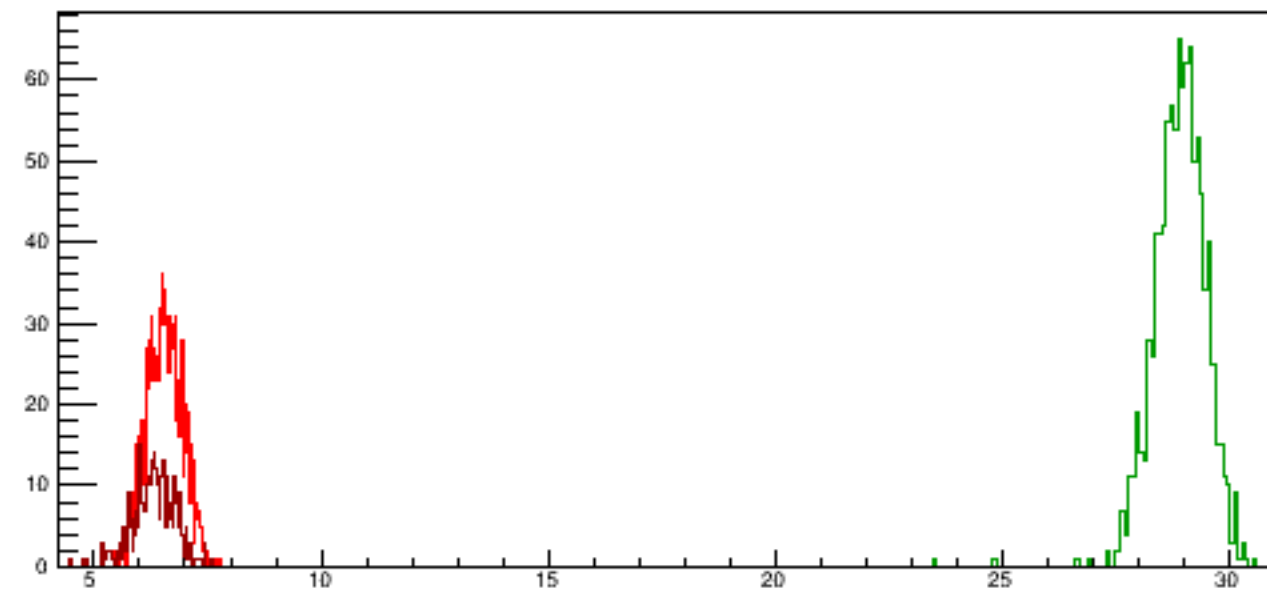
Std Dev: 0.5818 +/- 0.0130

Entries: 333

Mean: 6.3168 +/- 0.0260

Std Dev: 0.4749 +/- 0.0184

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=218427 && mpsCoda<=234906 && beamState==1)

Cycle 9, Asyms

Entries: 1078

Mean: 0.0005 +/- 0.0005

Std Dev: 0.0174 +/- 0.0004

Entries: 1000

Mean: 0.0310 +/- 0.0007

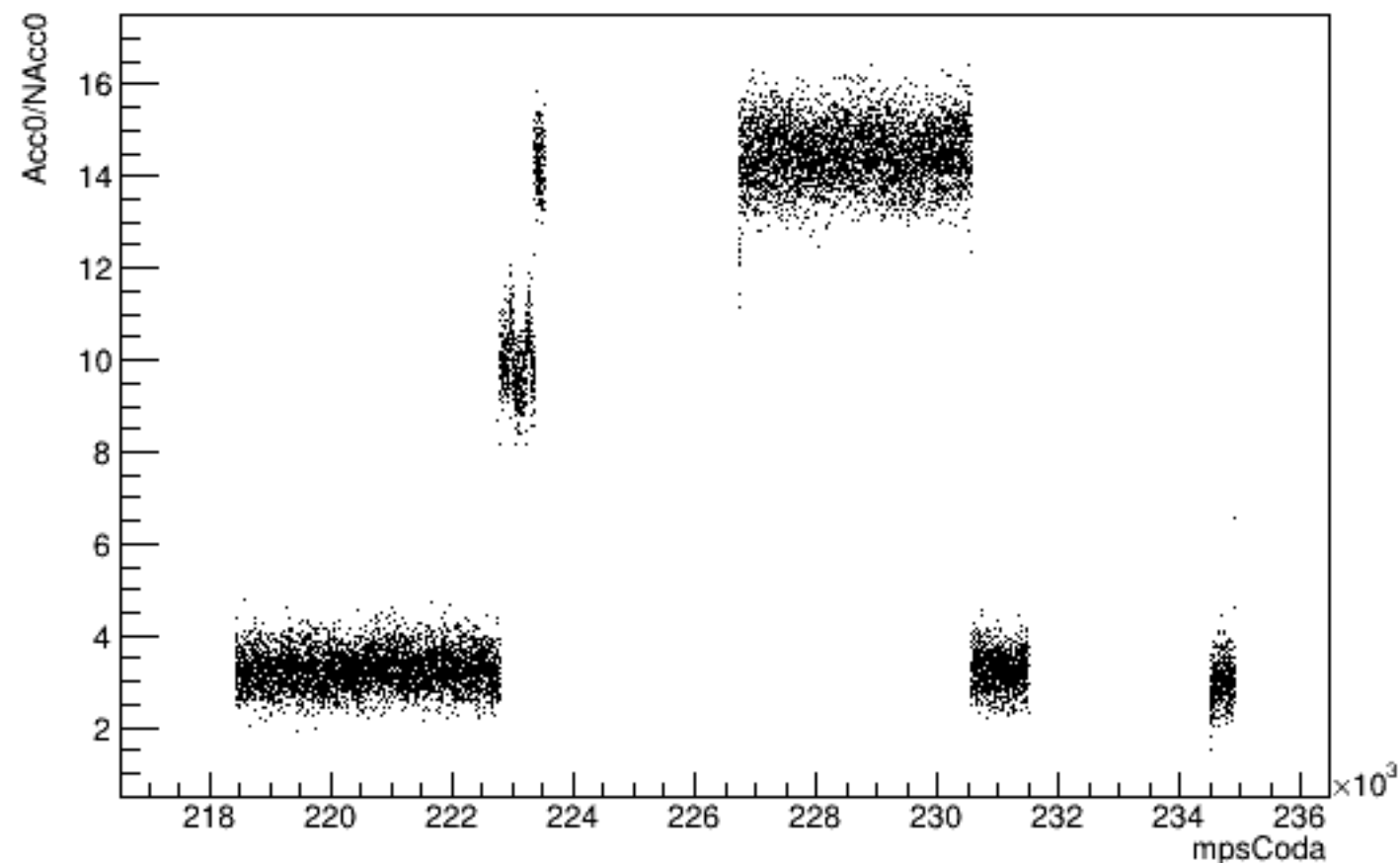
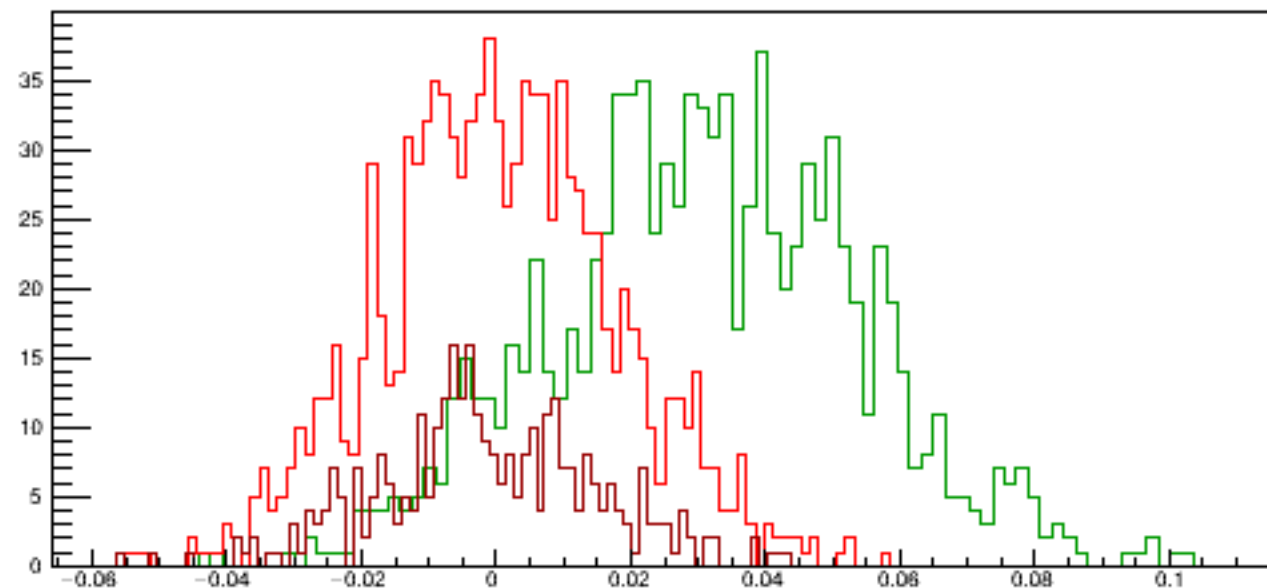
Std Dev: 0.0231 +/- 0.0005

Entries: 333

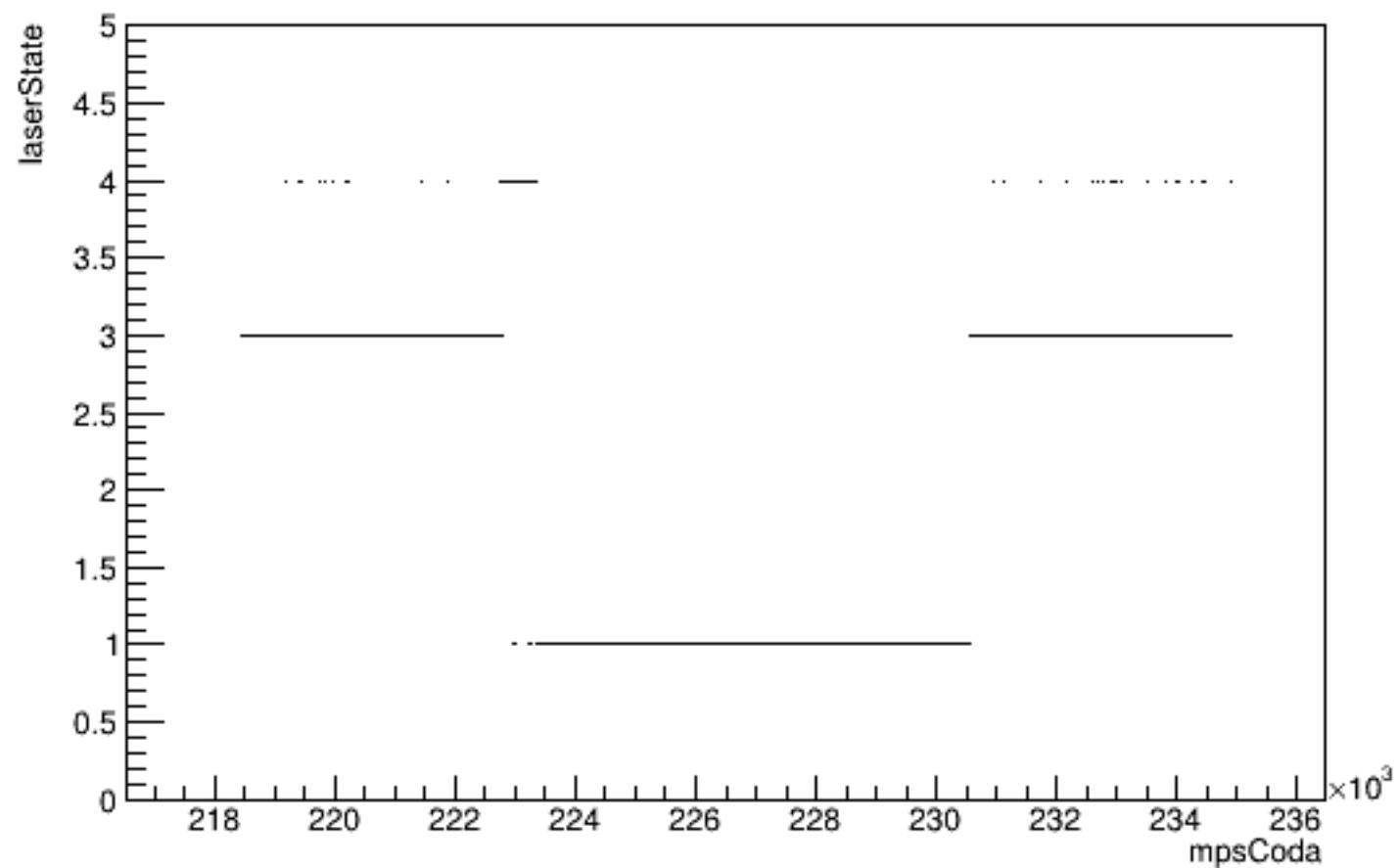
Mean: -0.0013 +/- 0.0009

Std Dev: 0.0164 +/- 0.0006

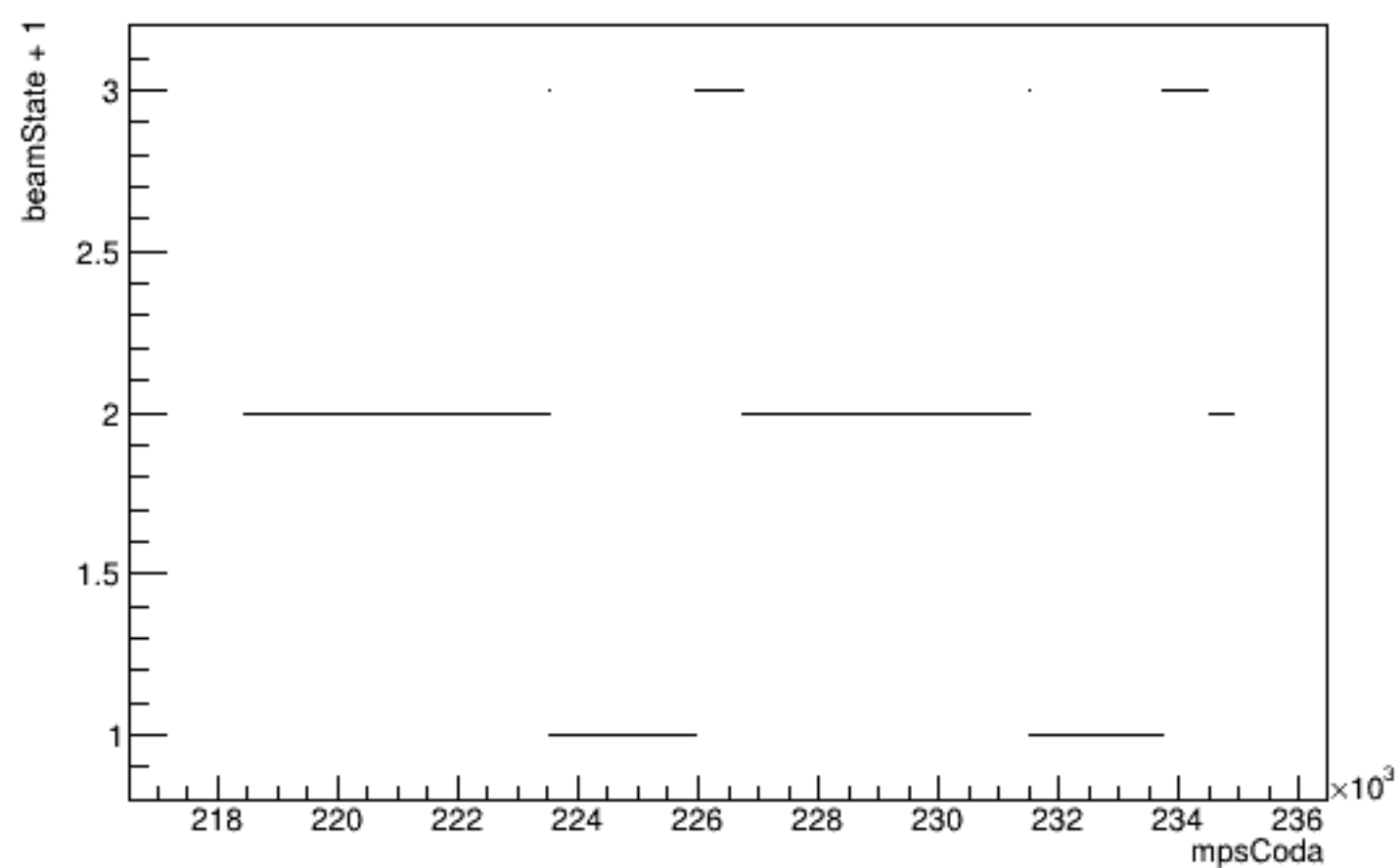
Run 6074 quartetwise, Asyms



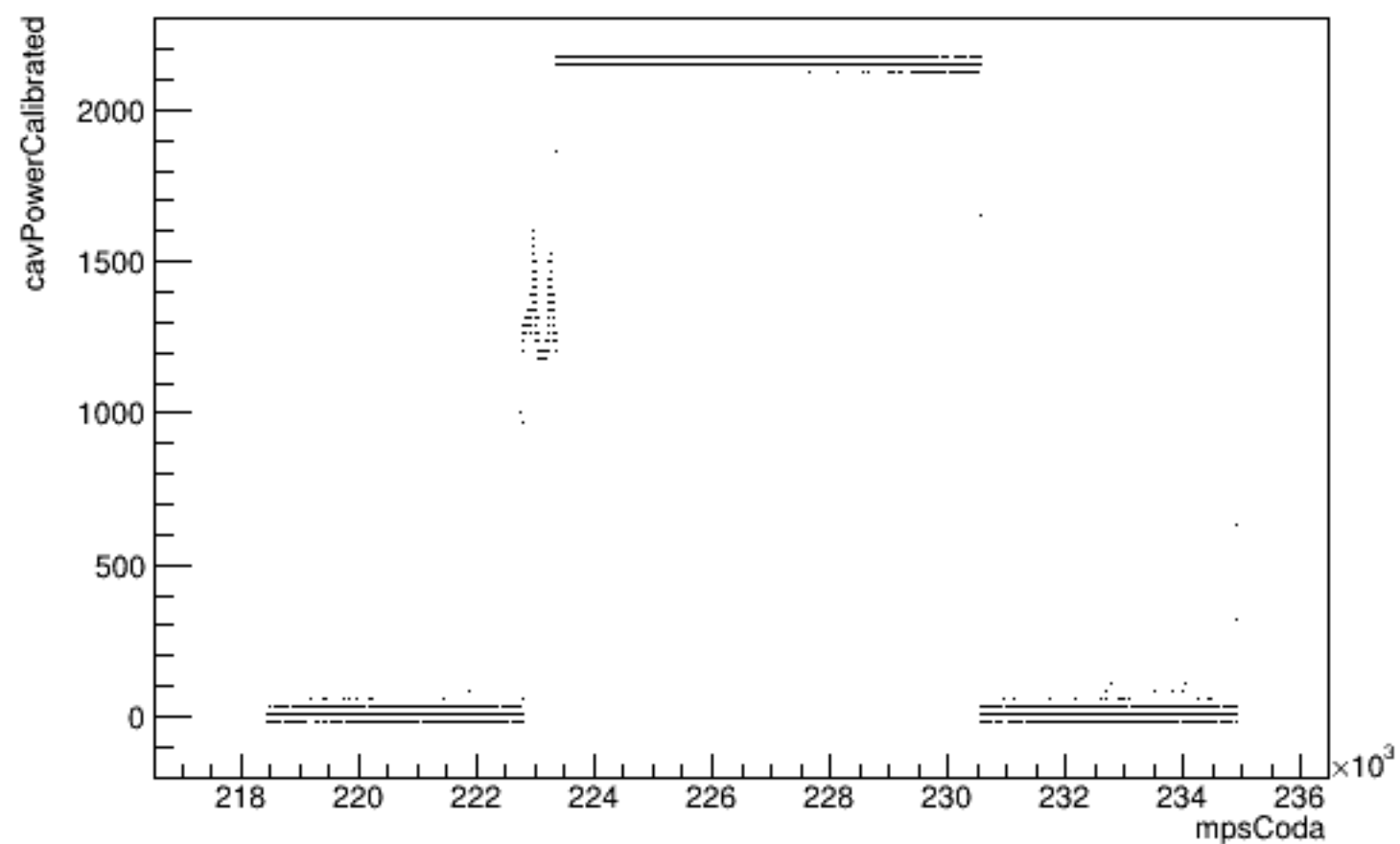
laserState:mpsCoda {mpsCoda>=218427 && mpsCoda<=234906}



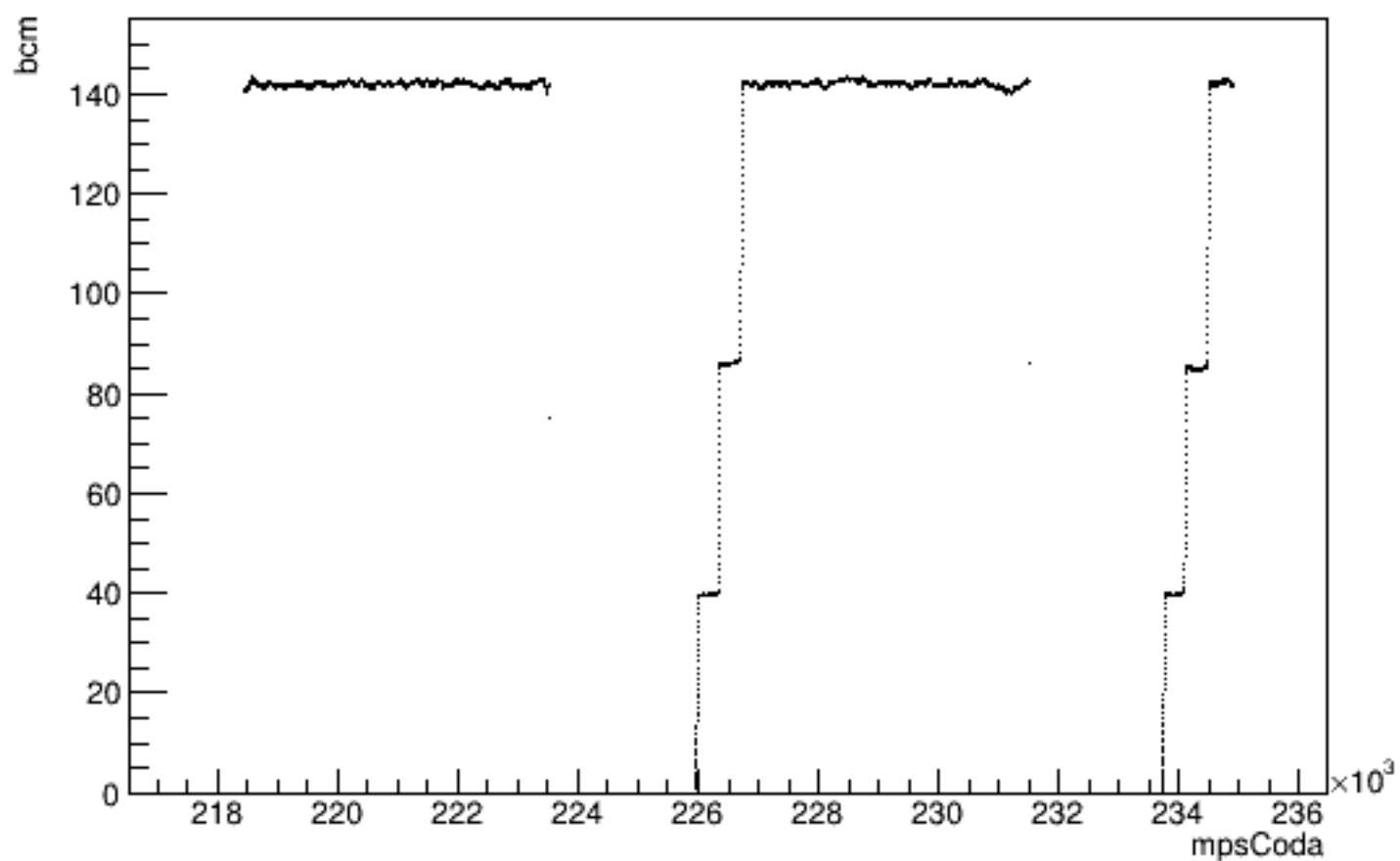
beamState + 1:mpsCoda {mpsCoda>=218427 && mpsCoda<=234906}



cavPowerCalibrated:mpsCoda {mpsCoda>=218427 && mpsCoda<=234906}



bcm:mpsCoda {mpsCoda>=218427 && mpsCoda<=234906}



Cycle 10, Diffs

Entries: 333

Mean: -0.0292 +/- 0.0203

Std Dev: 0.3697 +/- 0.0143

Entries: 1005

Mean: 0.7138 +/- 0.0162

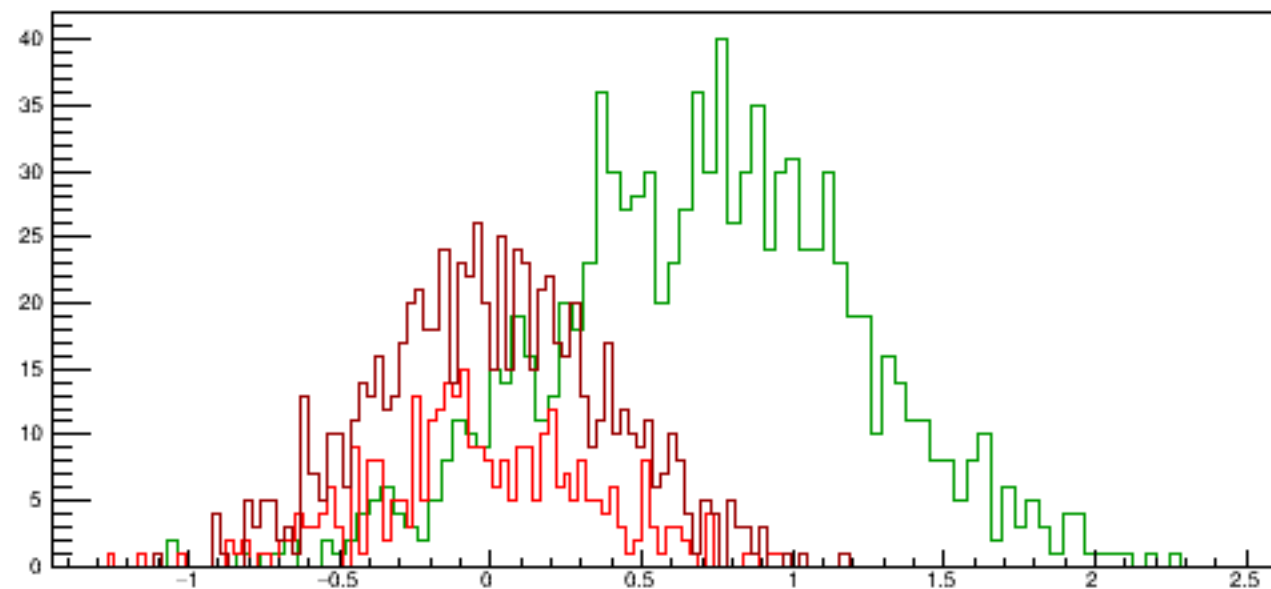
Std Dev: 0.5142 +/- 0.0115

Entries: 761

Mean: 0.0035 +/- 0.0136

Std Dev: 0.3754 +/- 0.0096

Run 6074 quartetwise, Diffs



Cycle 10, Sums

Entries: 333

Mean: 6.3168 +/- 0.0260

Std Dev: 0.4749 +/- 0.0184

Entries: 1005

Mean: 28.6396 +/- 0.0169

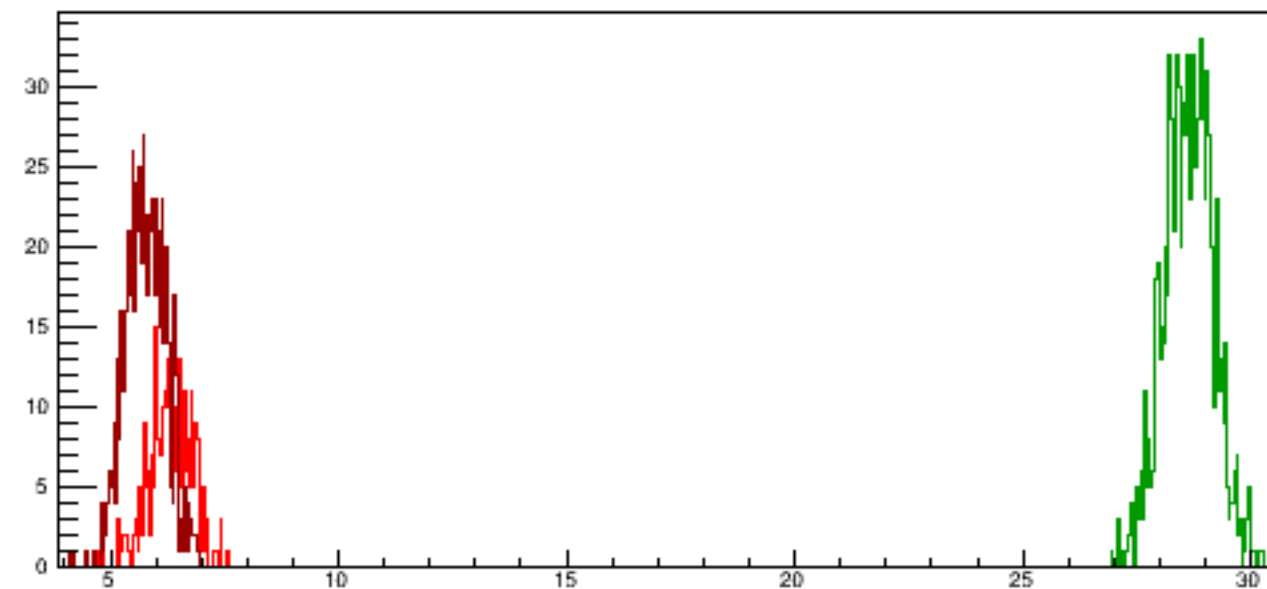
Std Dev: 0.5366 +/- 0.0120

Entries: 761

Mean: 5.7723 +/- 0.0156

Std Dev: 0.4314 +/- 0.0111

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=230567 && mpsCoda<=247102 && beamState==1)

Cycle 10, Asyms

Entries: 333

Mean: -0.0013 +/- 0.0009

Std Dev: 0.0164 +/- 0.0006

Entries: 1005

Mean: 0.0316 +/- 0.0007

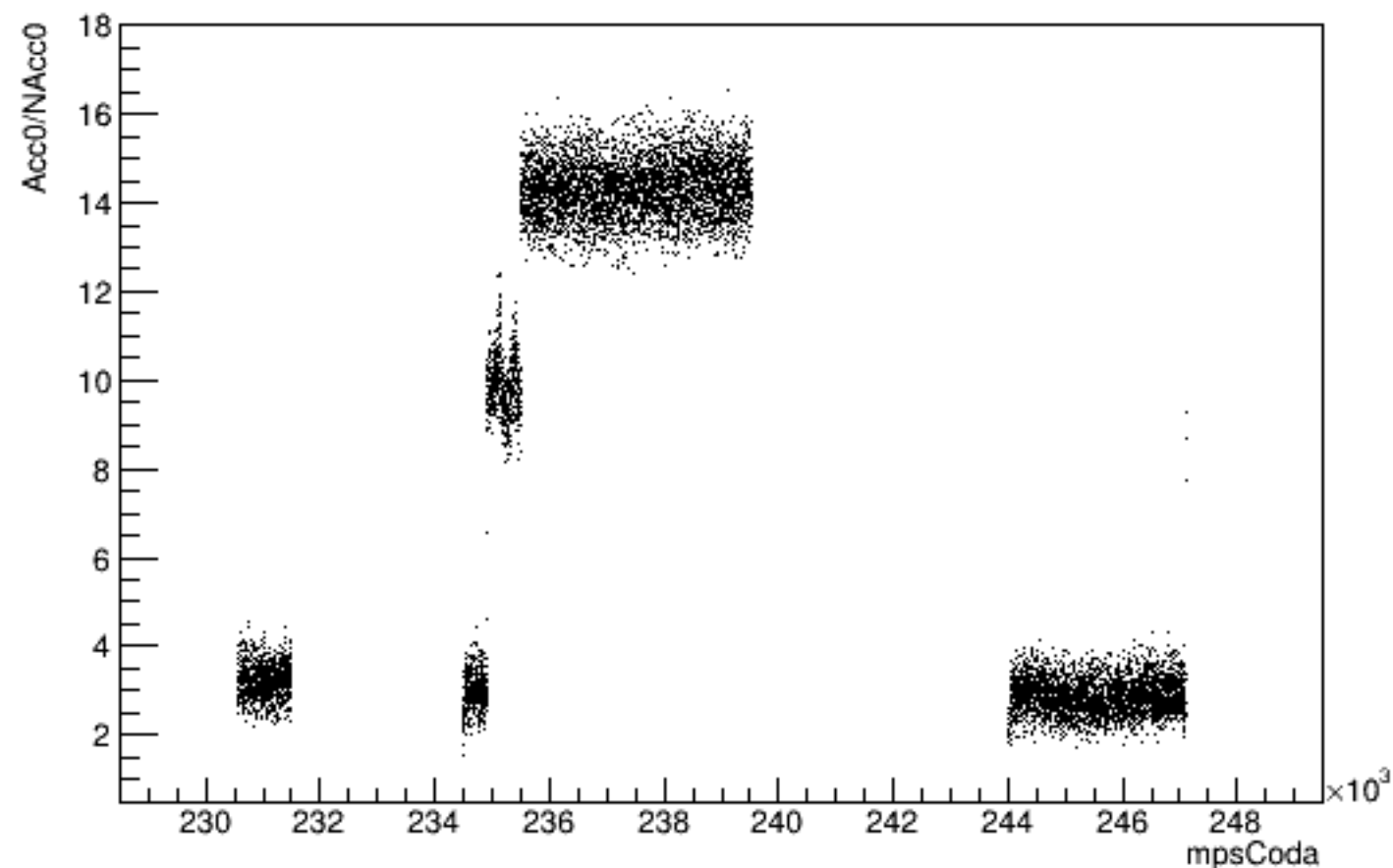
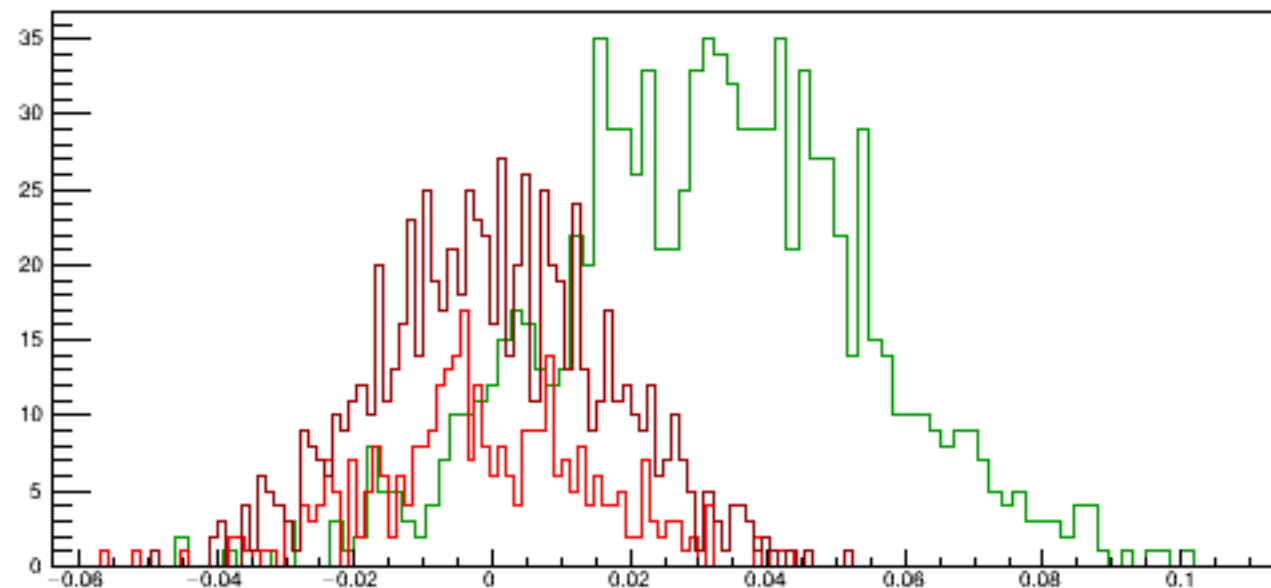
Std Dev: 0.0228 +/- 0.0005

Entries: 761

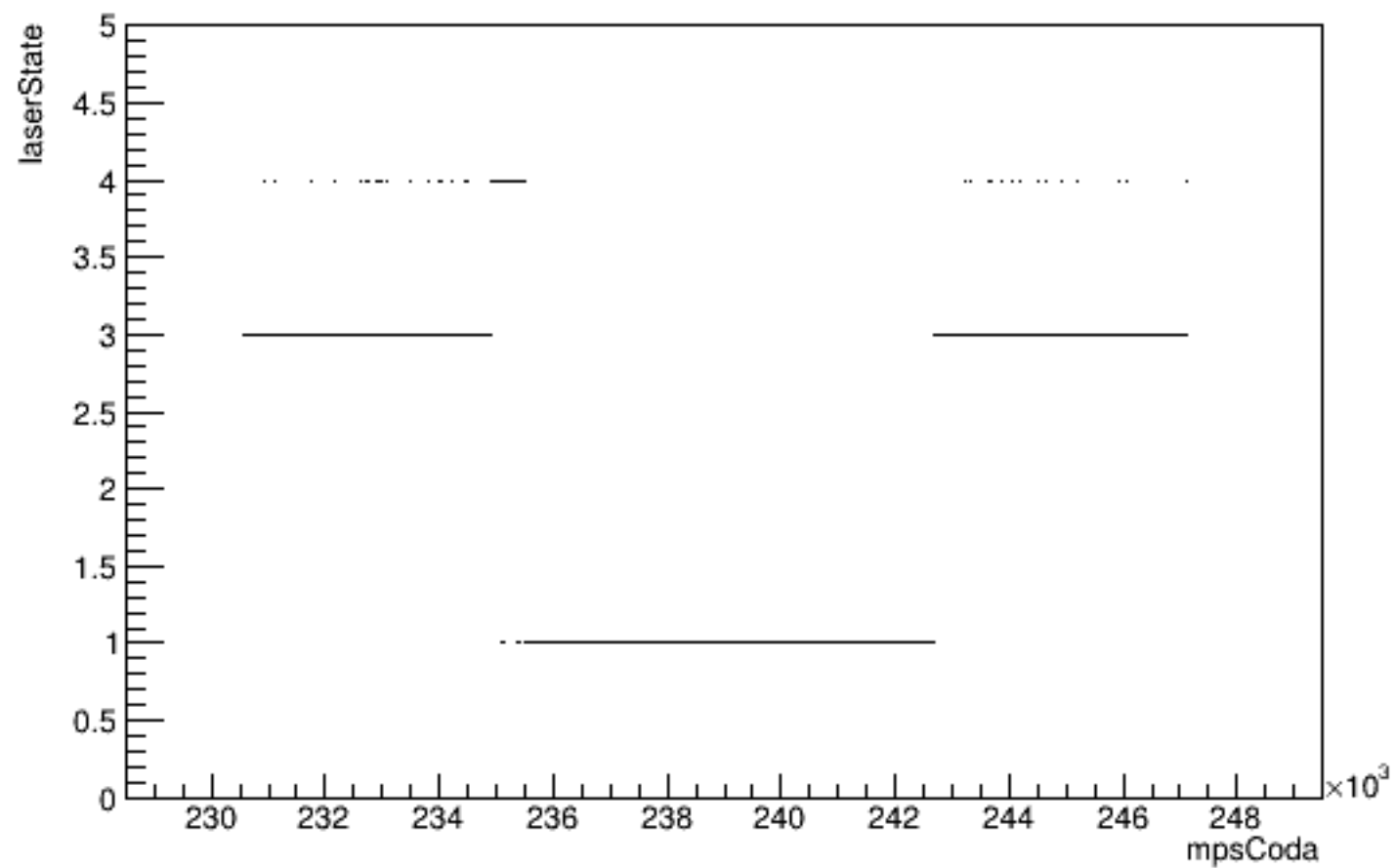
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0166 +/- 0.0004

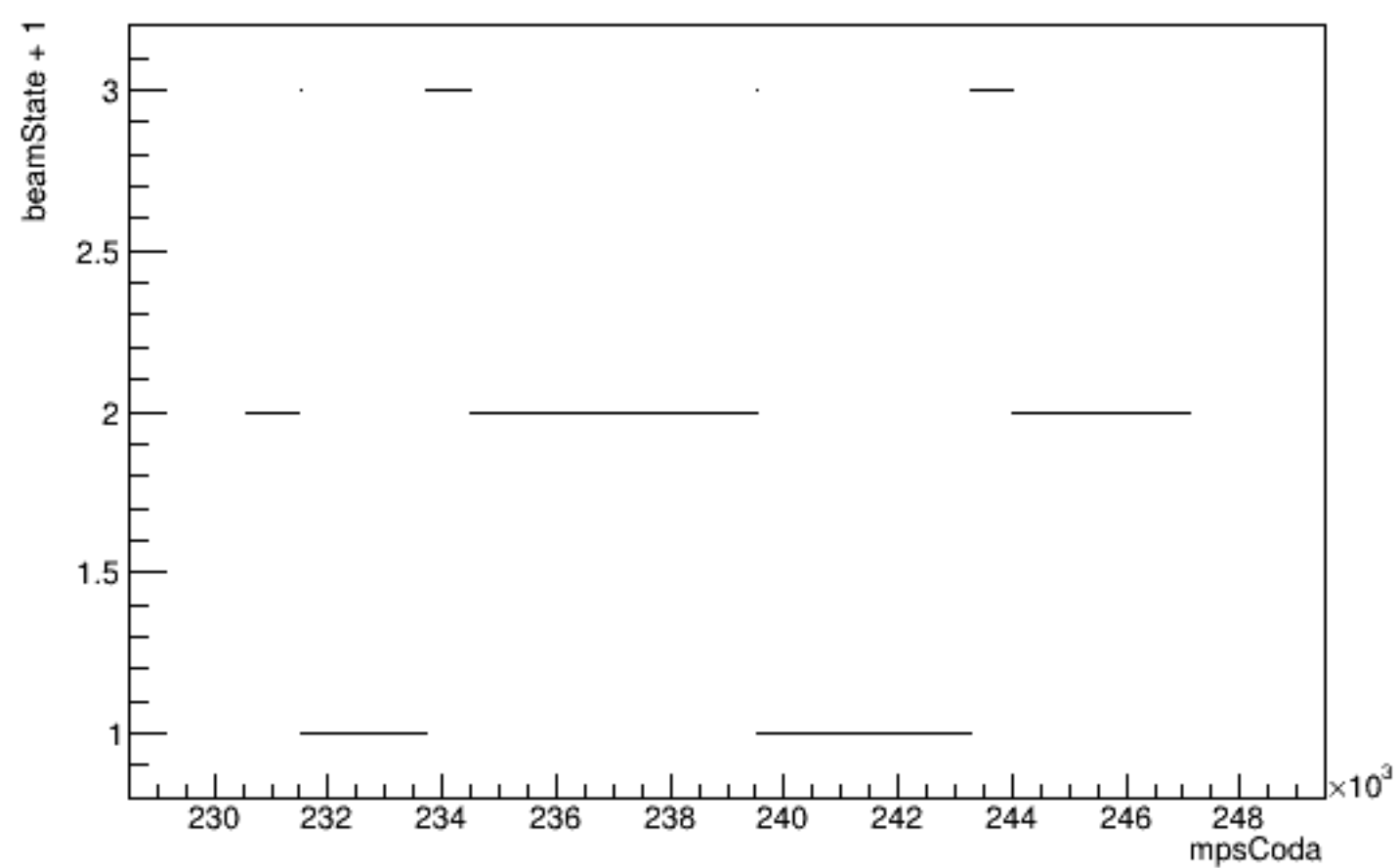
Run 6074 quartetwise, Asyms



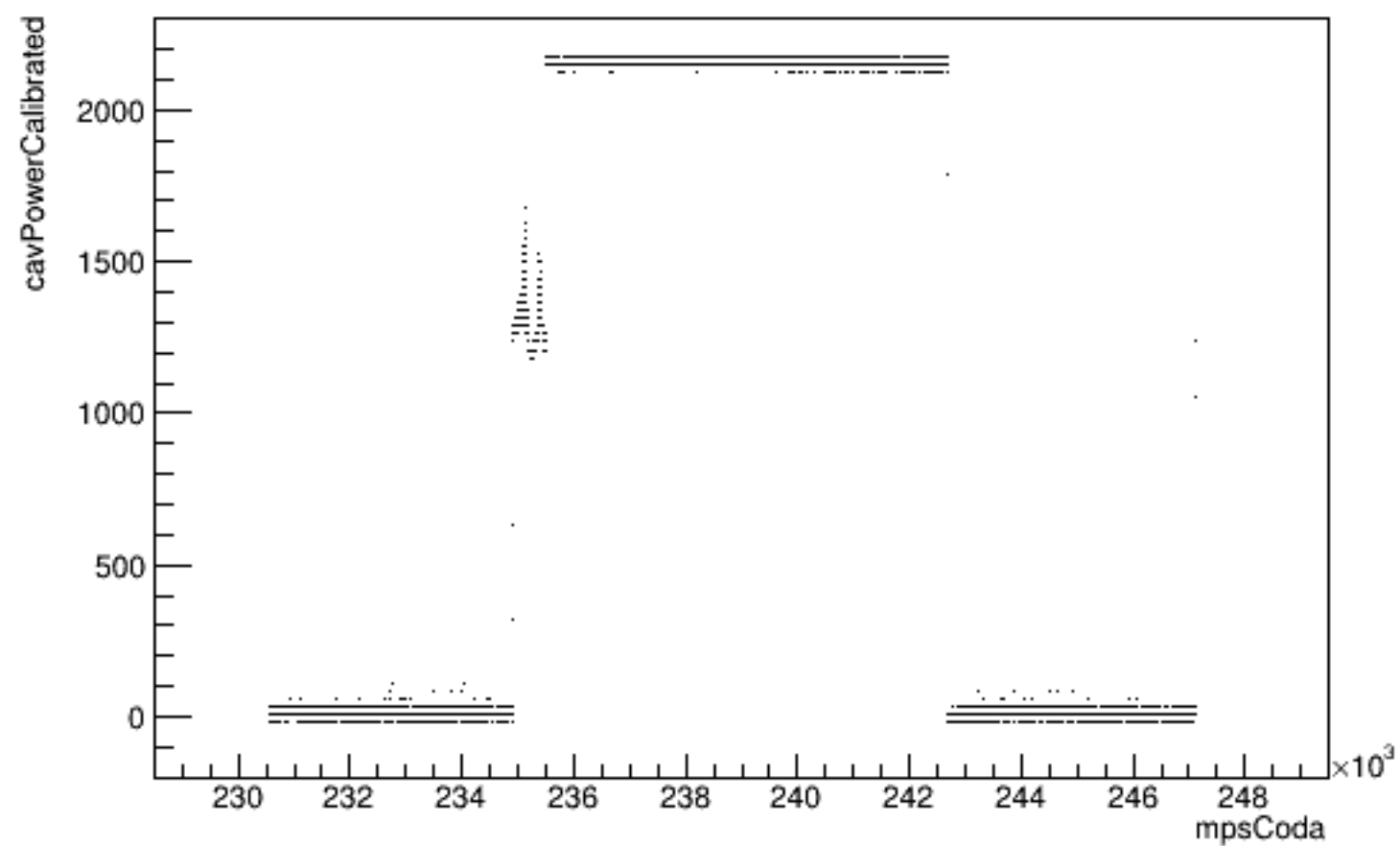
laserState:mpsCoda {mpsCoda>=230567 && mpsCoda<=247102}



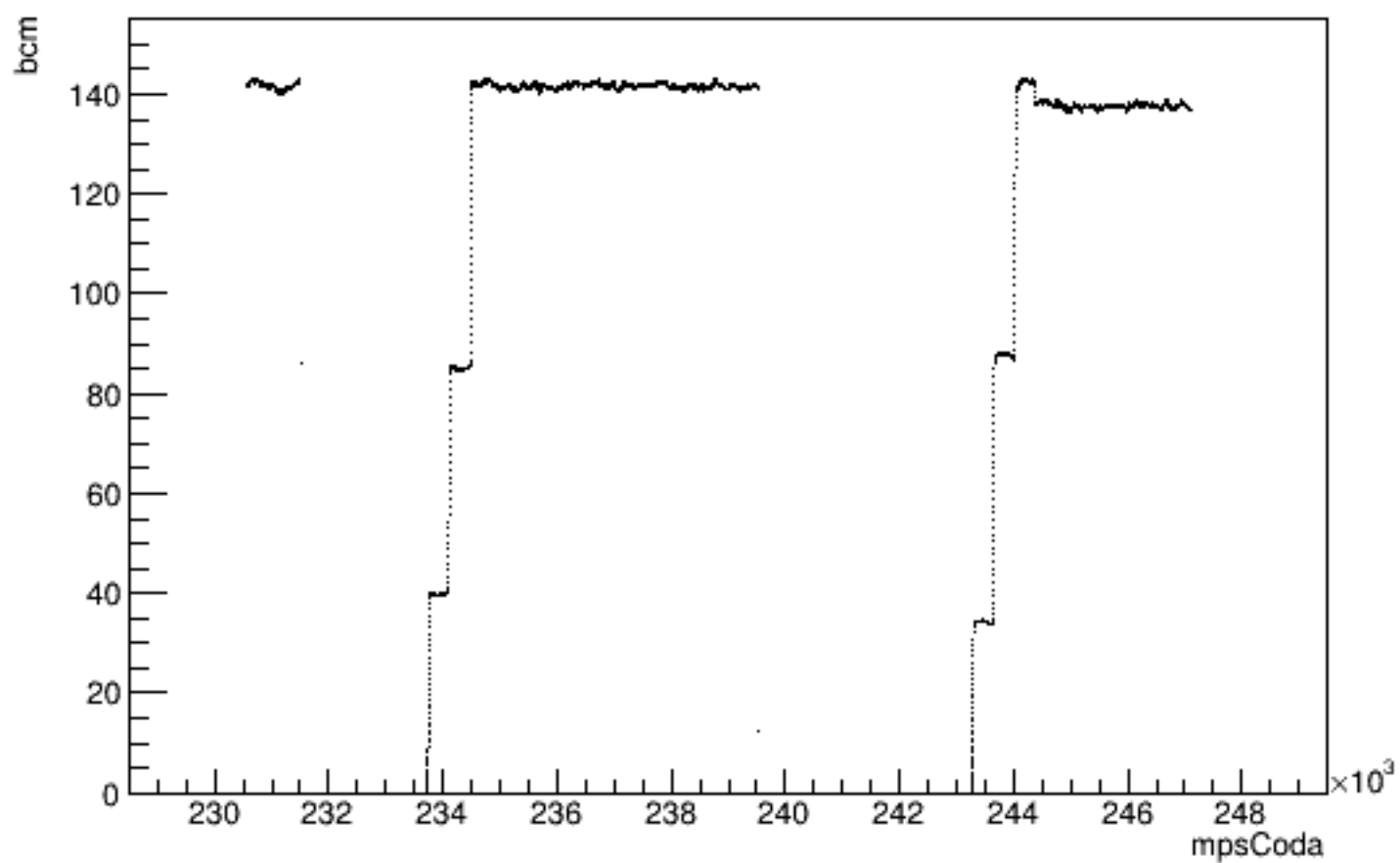
beamState + 1:mpsCoda {mpsCoda>=230567 && mpsCoda<=247102}



cavPowerCalibrated:mpsCoda {mpsCoda>=230567 && mpsCoda<=247102}



bcm:mpsCoda {mpsCoda>=230567 && mpsCoda<=247102}



Cycle 11, Diffs

Entries: 761

Mean: 0.0035 +/- 0.0136

Std Dev: 0.3754 +/- 0.0096

Entries: 1801

Mean: 0.6814 +/- 0.0116

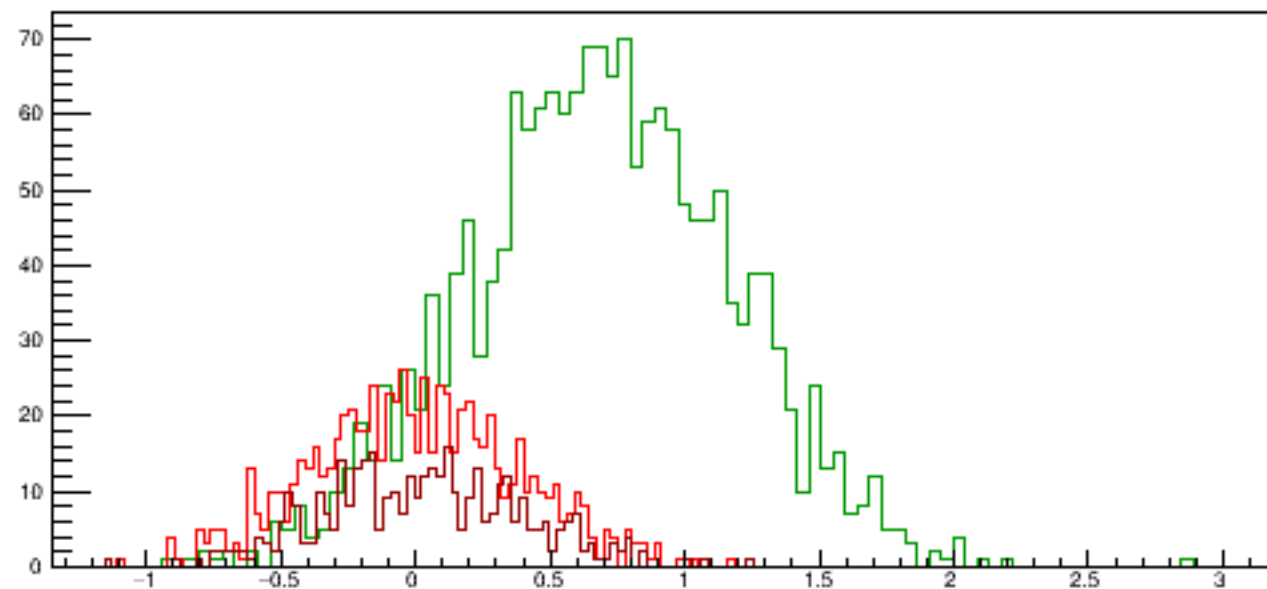
Std Dev: 0.4933 +/- 0.0082

Entries: 389

Mean: 0.0272 +/- 0.0187

Std Dev: 0.3695 +/- 0.0132

Run 6074 quartetwise, Diffs



Cycle 11, Sums

Entries: 761

Mean: 5.7723 +/- 0.0156

Std Dev: 0.4314 +/- 0.0111

Entries: 1801

Mean: 27.8440 +/- 0.0128

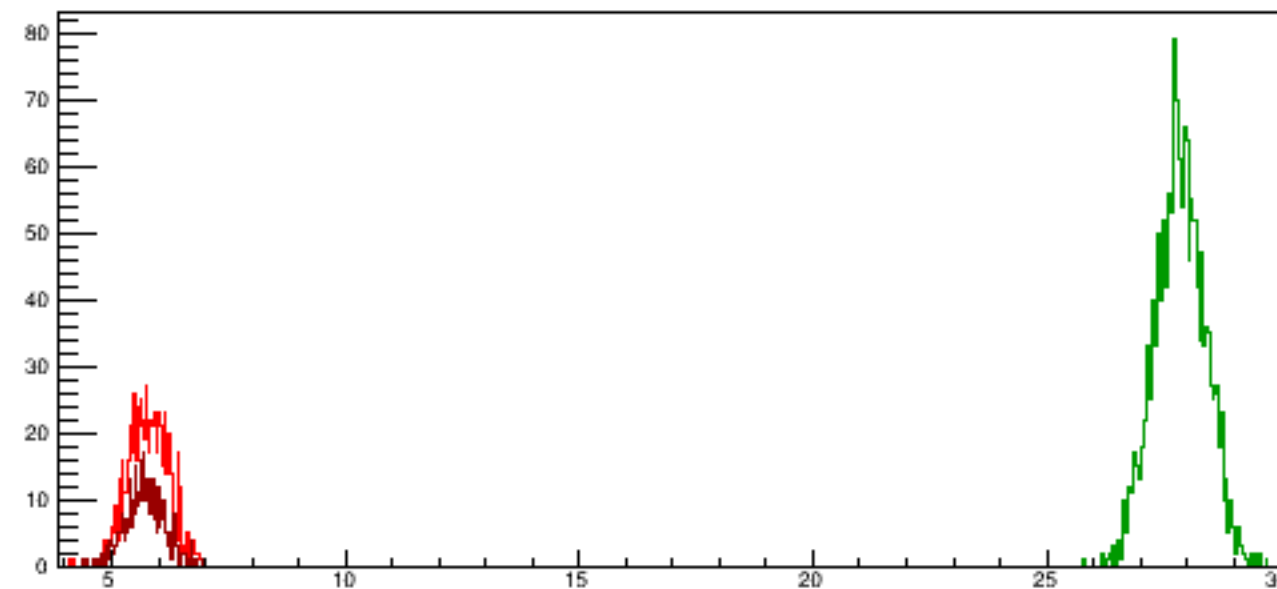
Std Dev: 0.5435 +/- 0.0091

Entries: 389

Mean: 5.6944 +/- 0.0212

Std Dev: 0.4175 +/- 0.0150

Run 6074 quartetwise, Sums



Cycle 11, Asyms

Entries: 761

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0170 +/- 0.0004

Entries: 1801

Mean: 0.0308 +/- 0.0005

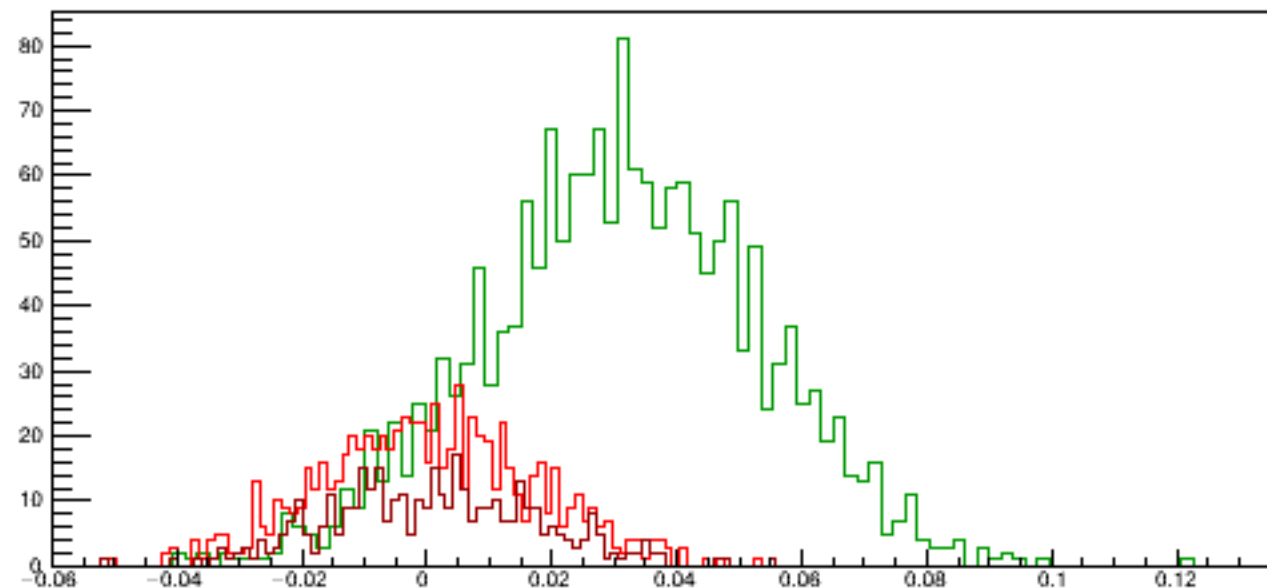
Std Dev: 0.0223 +/- 0.0004

Entries: 389

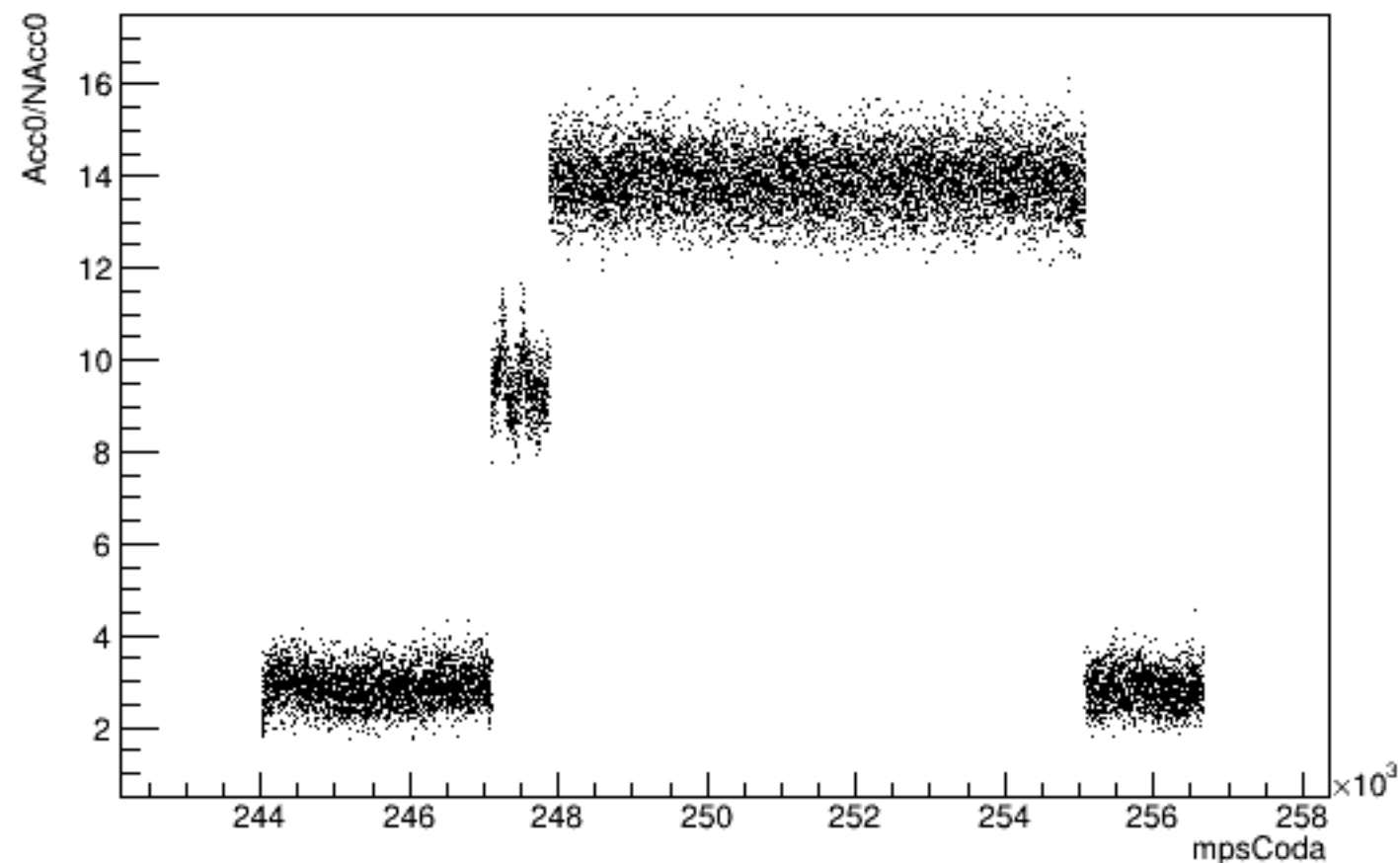
Mean: 0.0012 +/- 0.0008

Std Dev: 0.0167 +/- 0.0006

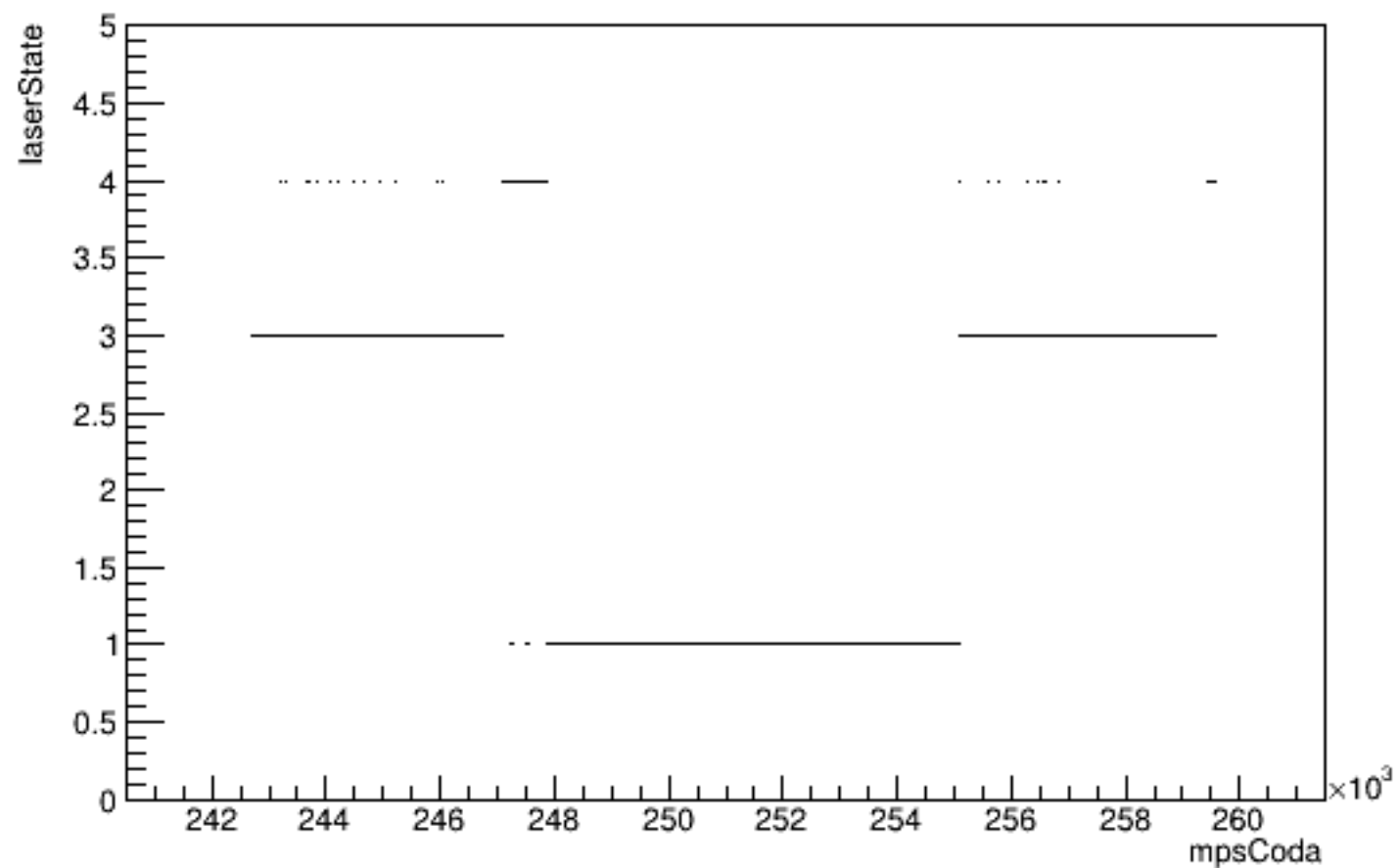
Run 6074 quartetwise, Asyms



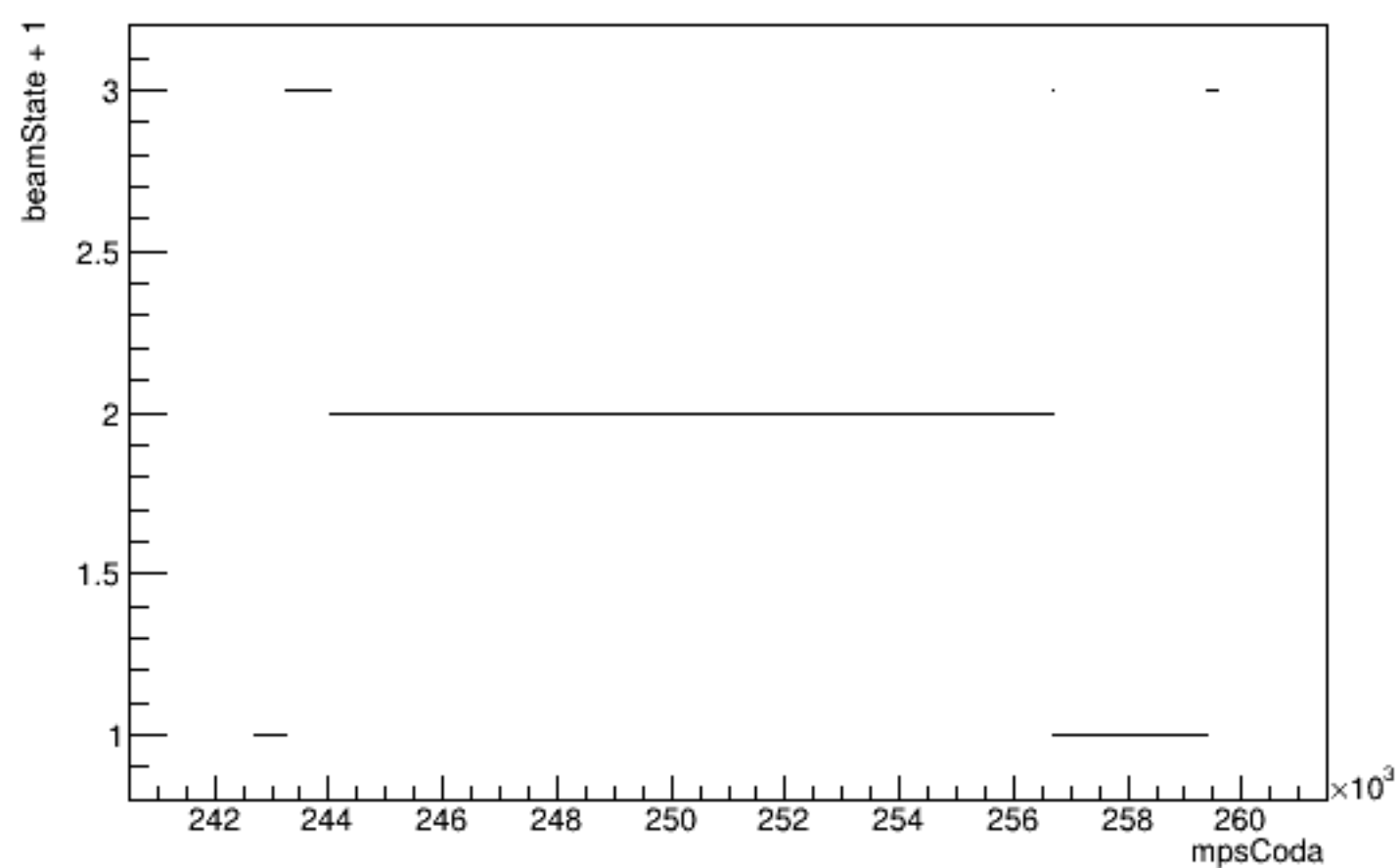
Acc0/NAcc0:mpsCoda (mpsCoda>=242703 && mpsCoda<=259562 && beamState==1)



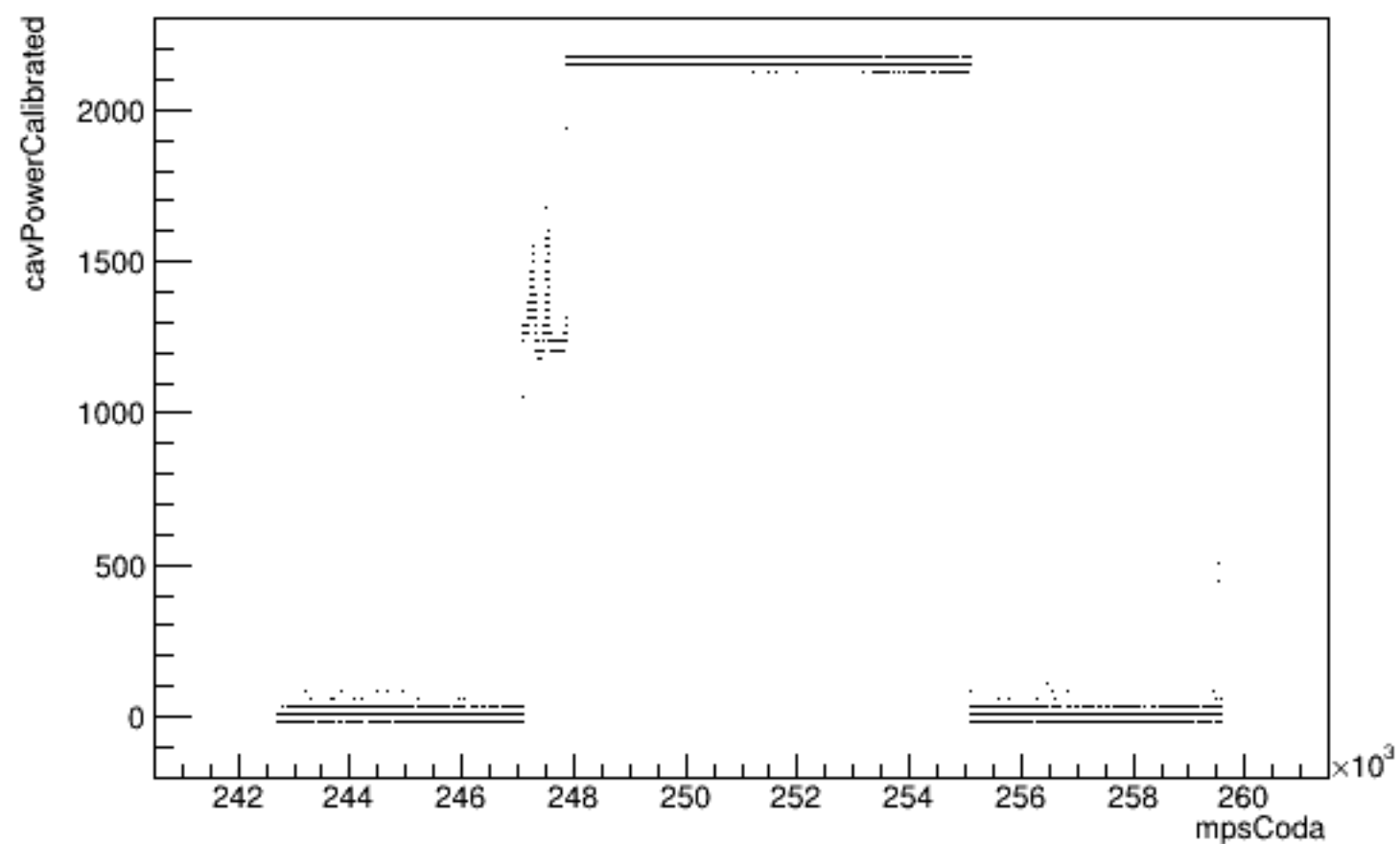
laserState:mpsCoda {mpsCoda>=242703 && mpsCoda<=259562}



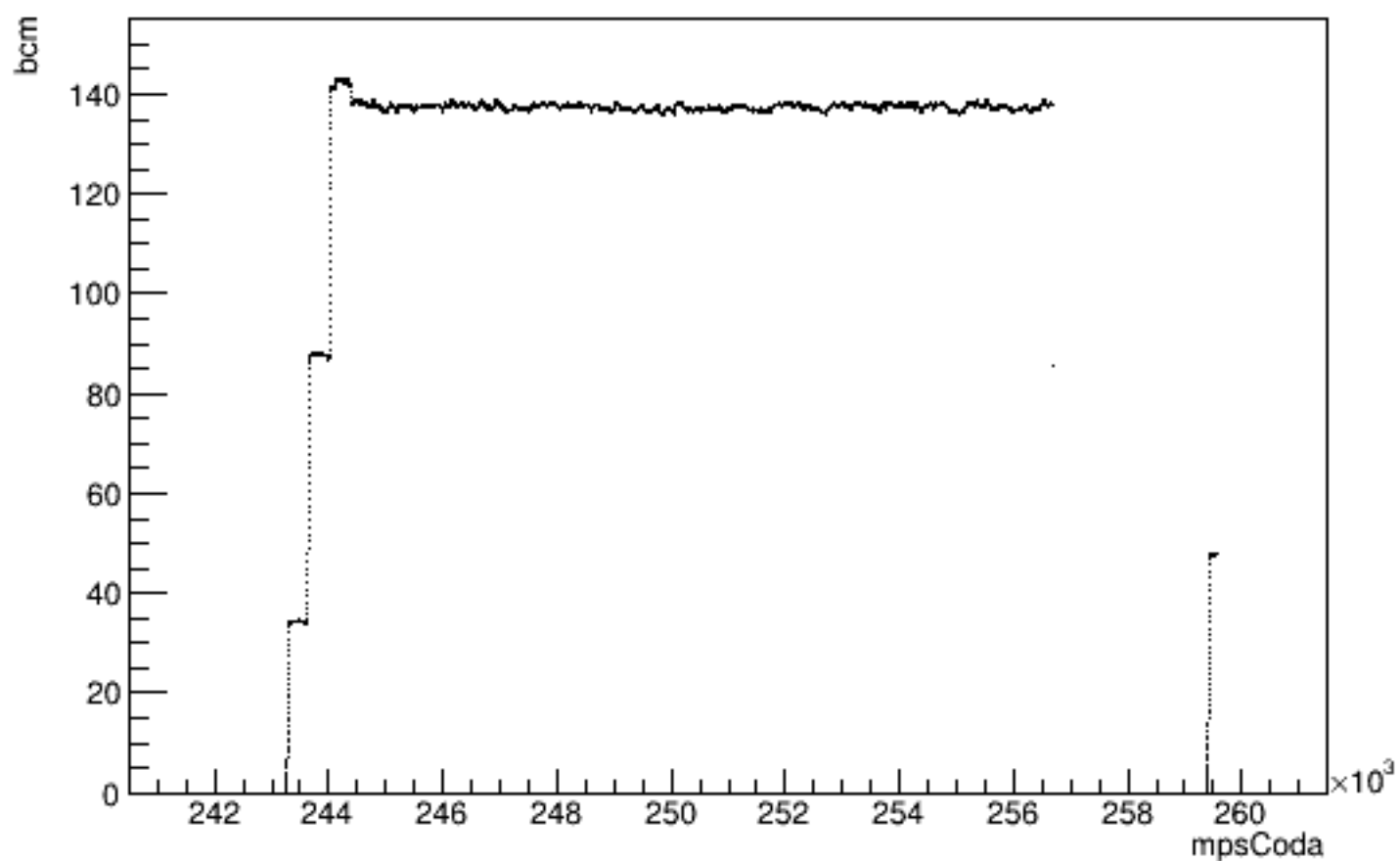
beamState + 1:mpsCoda {mpsCoda>=242703 && mpsCoda<=259562}



cavPowerCalibrated:mpsCoda {mpsCoda>=242703 && mpsCoda<=259562}



bcm:mpsCoda {mpsCoda>=242703 && mpsCoda<=259562}



Cycle 12, Diffs

Entries: 1083

Mean: 0.0029 +/- 0.0114

Std Dev: 0.3763 +/- 0.0081

Entries: 1801

Mean: 0.6693 +/- 0.0119

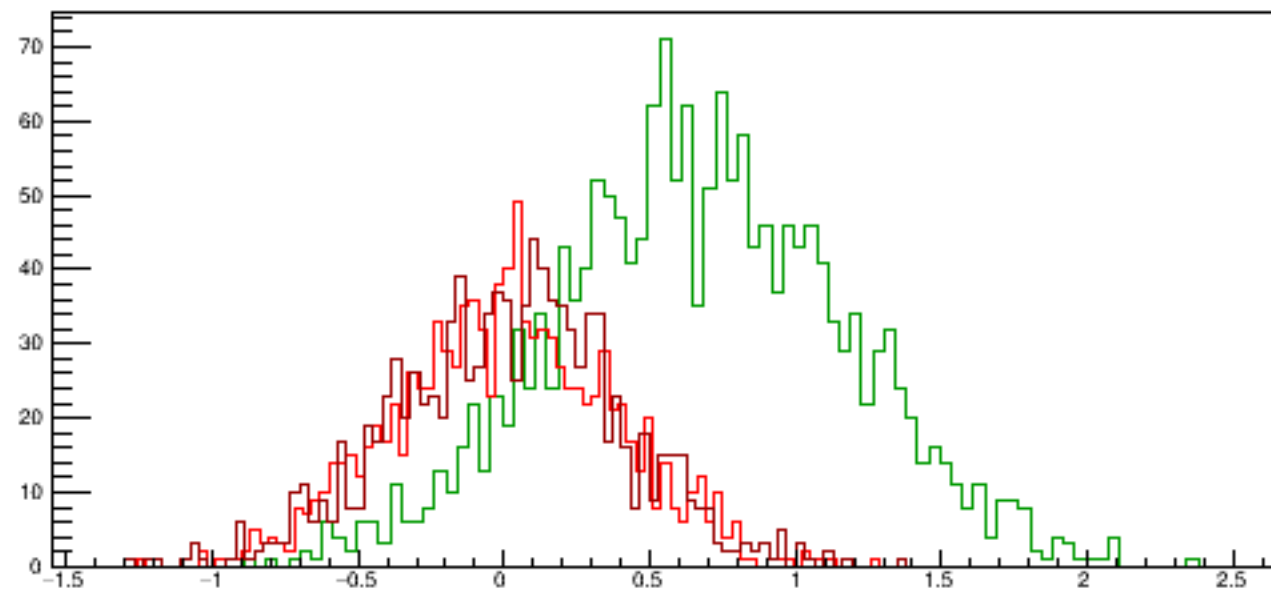
Std Dev: 0.5042 +/- 0.0084

Entries: 1063

Mean: 0.0128 +/- 0.0119

Std Dev: 0.3865 +/- 0.0084

Run 6074 quartetwise, Diffs



Cycle 12, Sums

Entries: 1083

Mean: 5.8754 +/- 0.0126

Std Dev: 0.4155 +/- 0.0089

Entries: 1801

Mean: 27.8353 +/- 0.0127

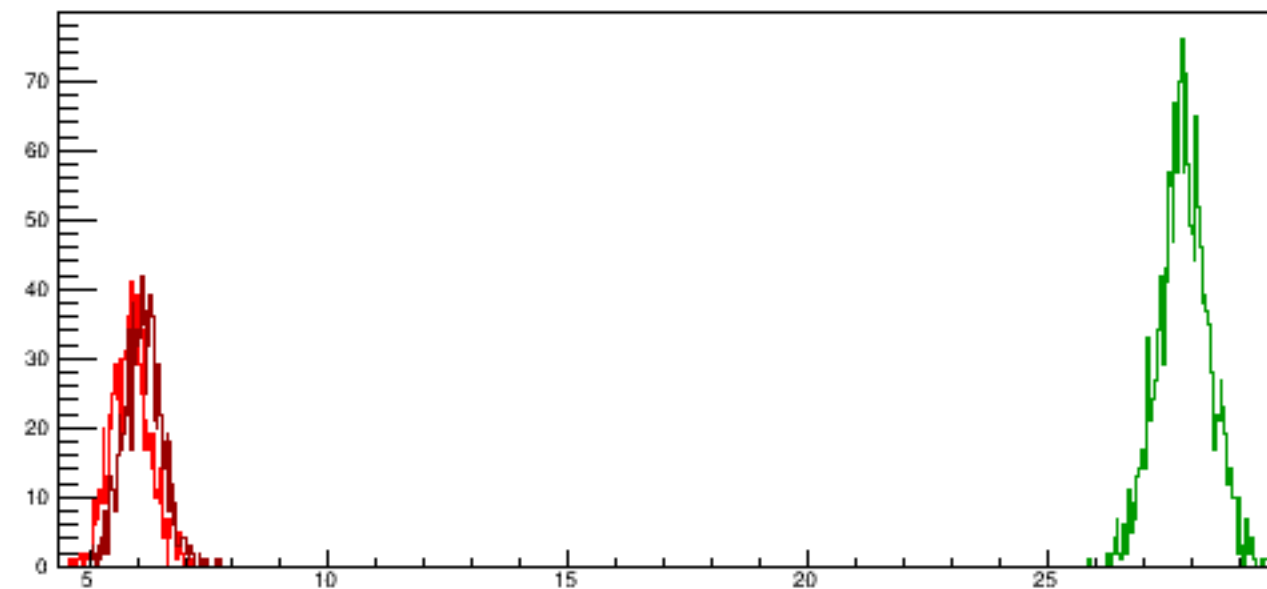
Std Dev: 0.5398 +/- 0.0090

Entries: 1063

Mean: 6.1306 +/- 0.0121

Std Dev: 0.3944 +/- 0.0086

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=292475 && mpsCoda<=308954 && beamState==1)

Cycle 12, Asyms

Entries: 1083

Mean: 0.0001 +/- 0.0005

Std Dev: 0.0172 +/- 0.0004

Entries: 1801

Mean: 0.0307 +/- 0.0005

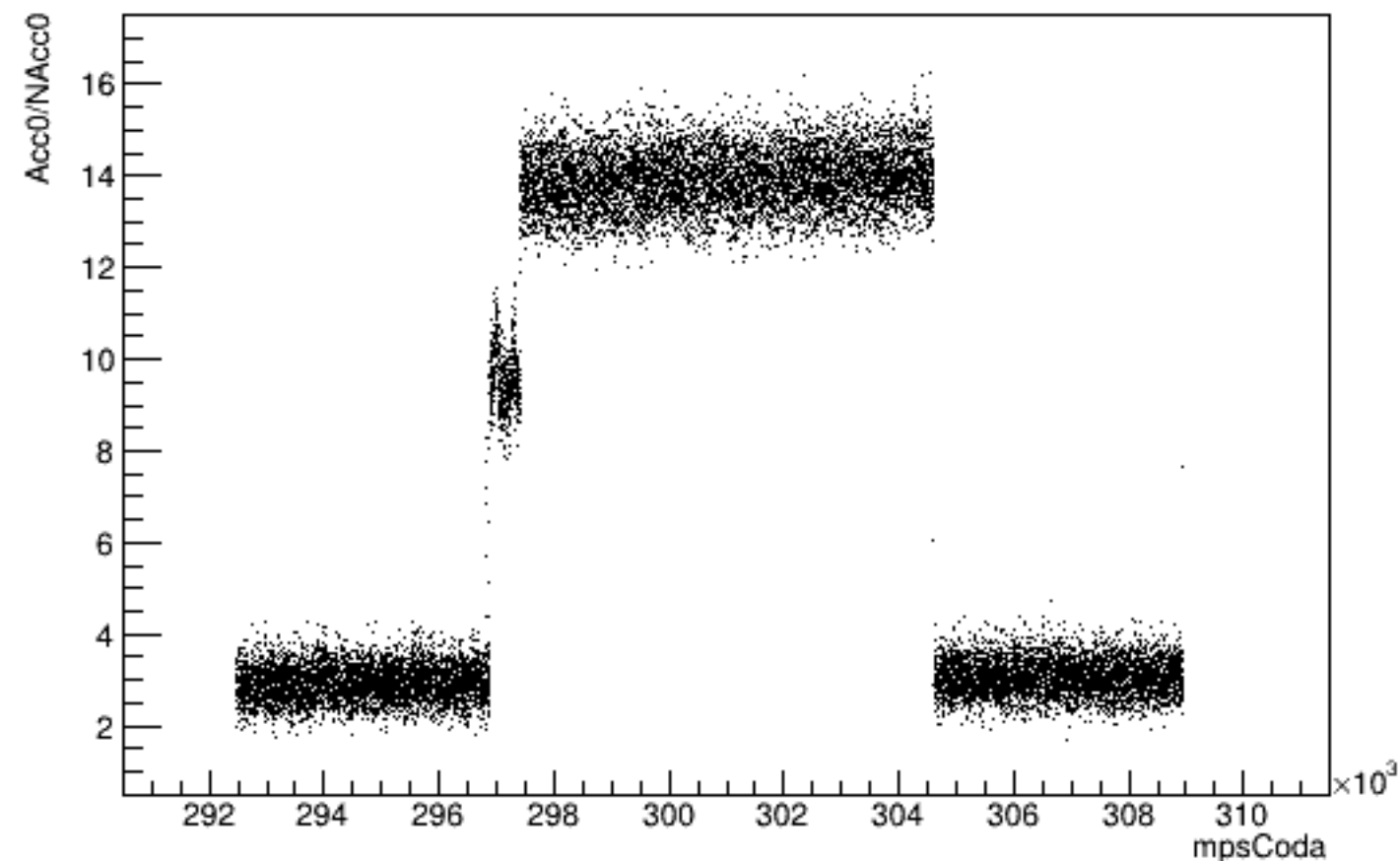
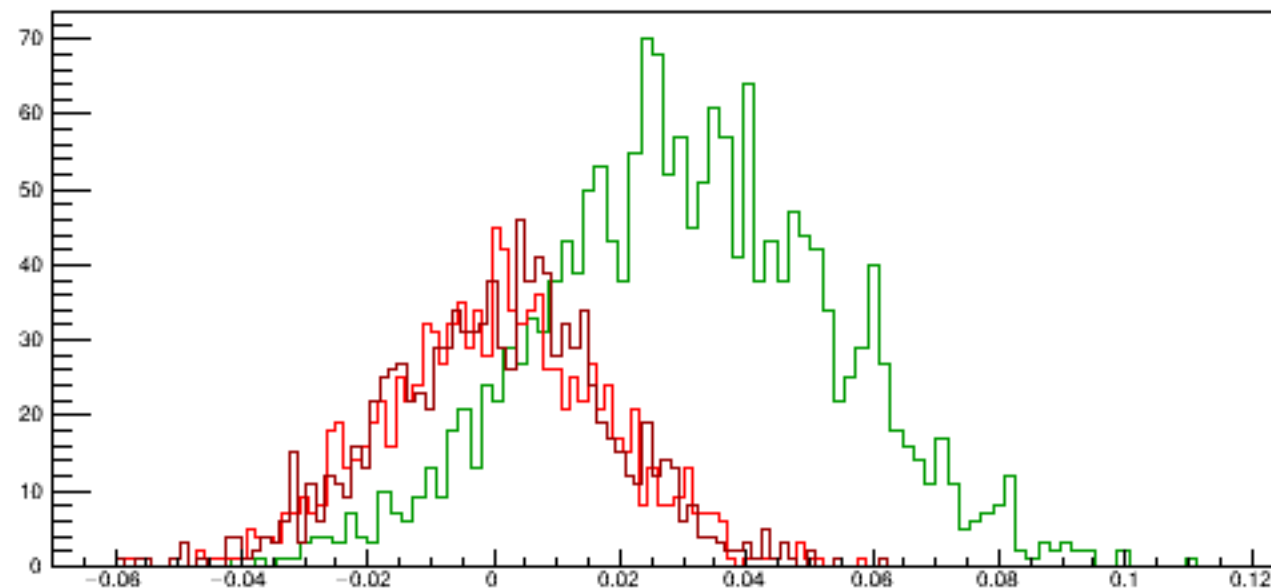
Std Dev: 0.0231 +/- 0.0004

Entries: 1063

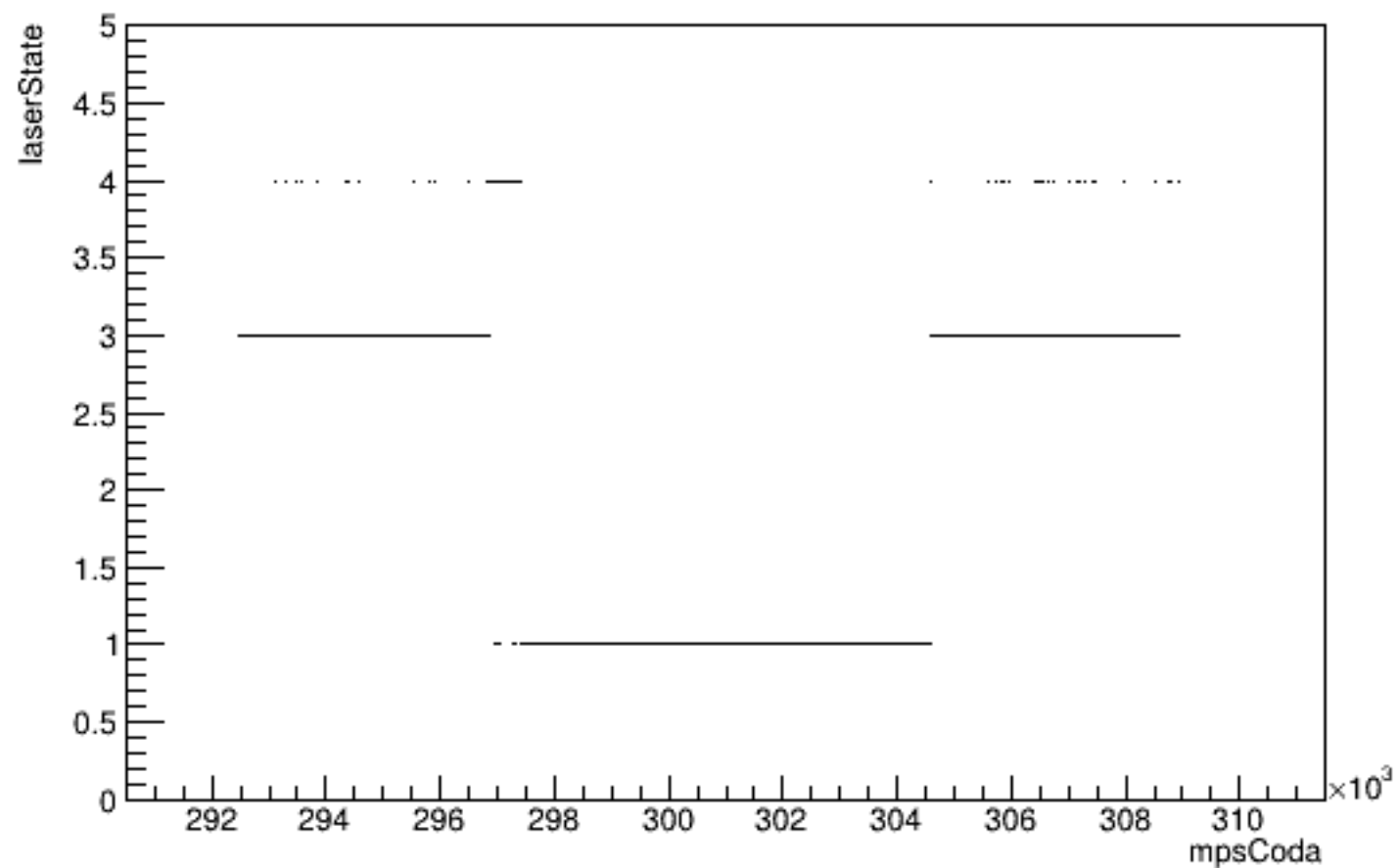
Mean: 0.0006 +/- 0.0005

Std Dev: 0.0177 +/- 0.0004

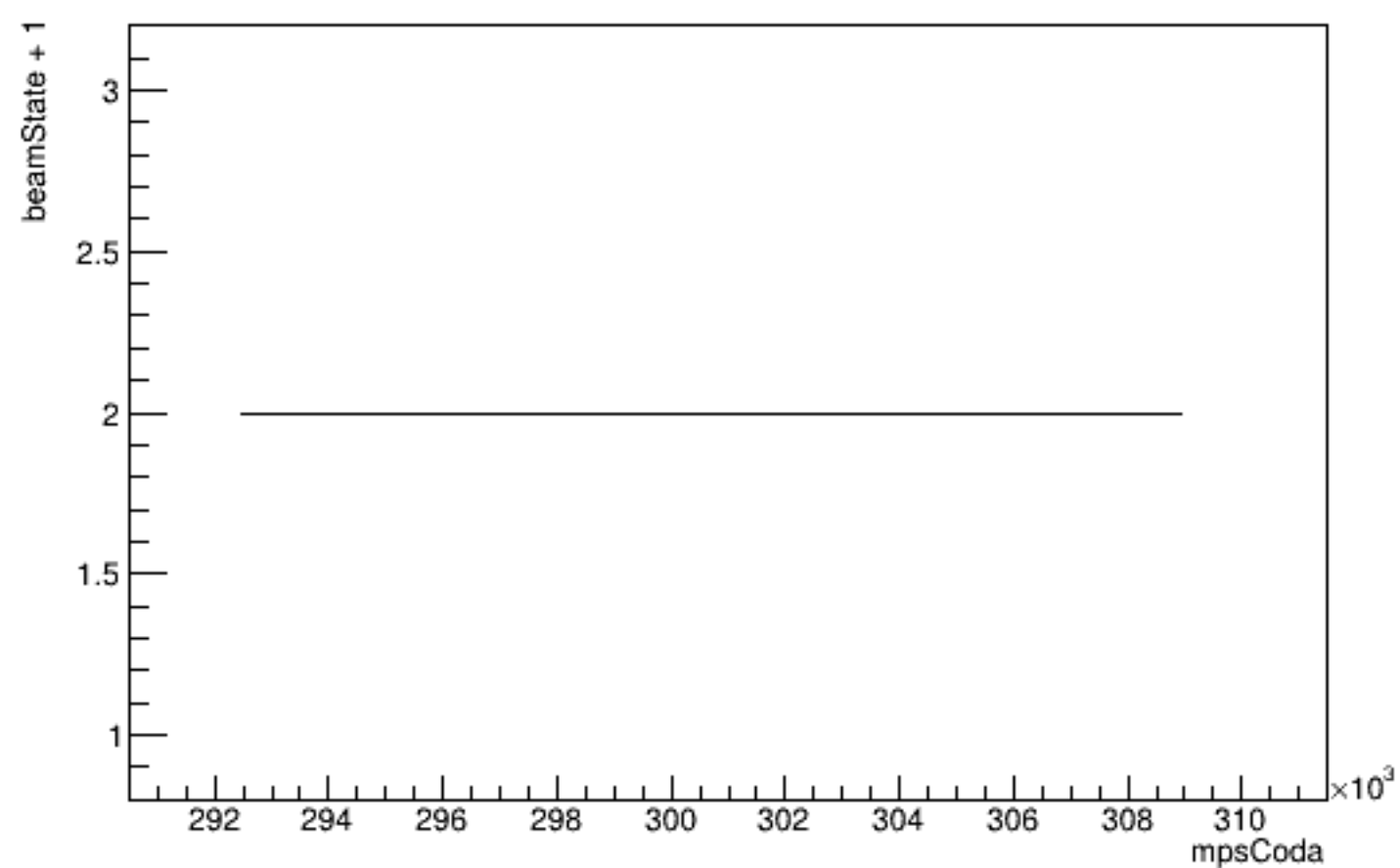
Run 6074 quartetwise, Asyms



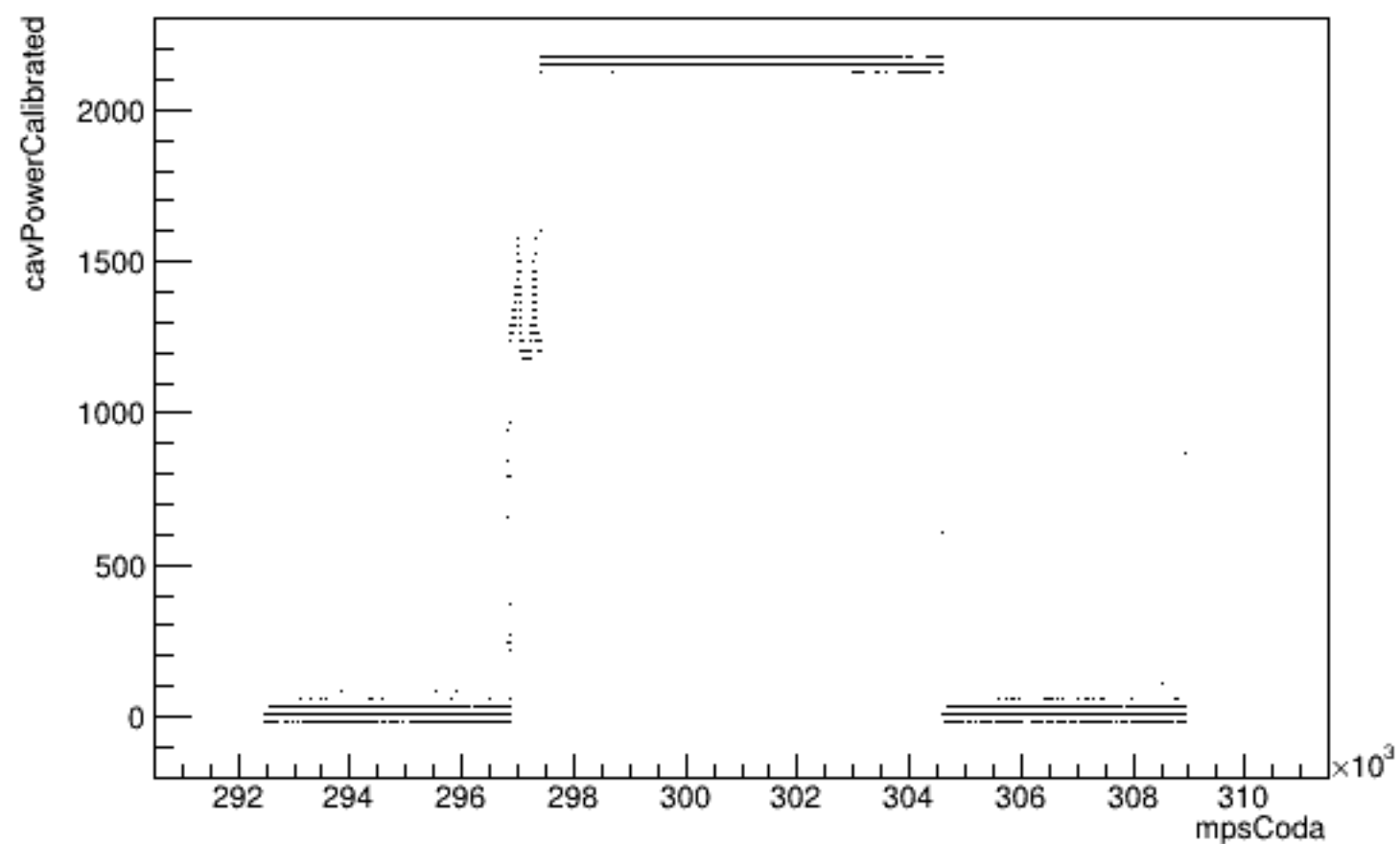
laserState:mpsCoda {mpsCoda>=292475 && mpsCoda<=308954}



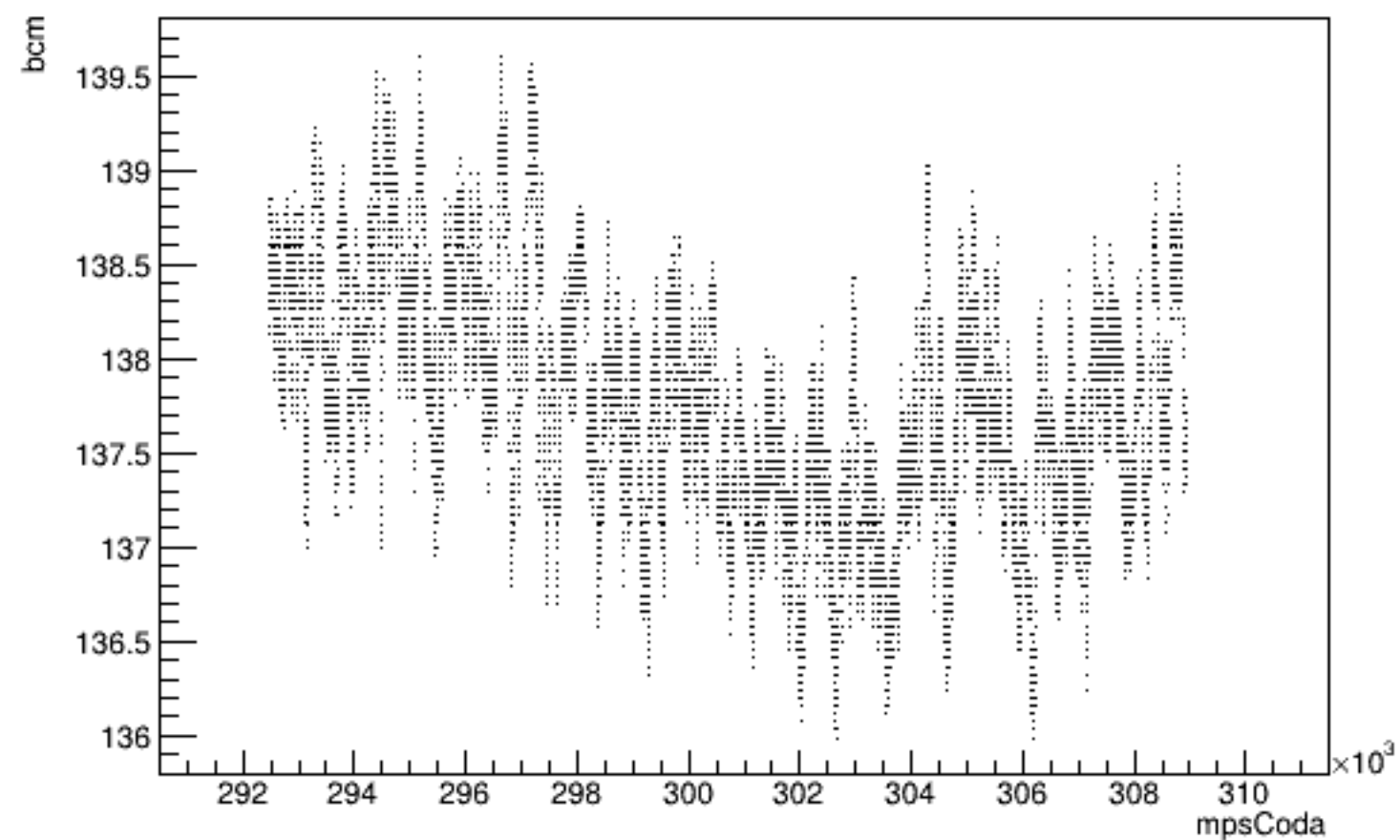
beamState + 1:mpsCoda {mpsCoda>=292475 && mpsCoda<=308954}



cavPowerCalibrated:mpsCoda {mpsCoda>=292475 && mpsCoda<=308954}



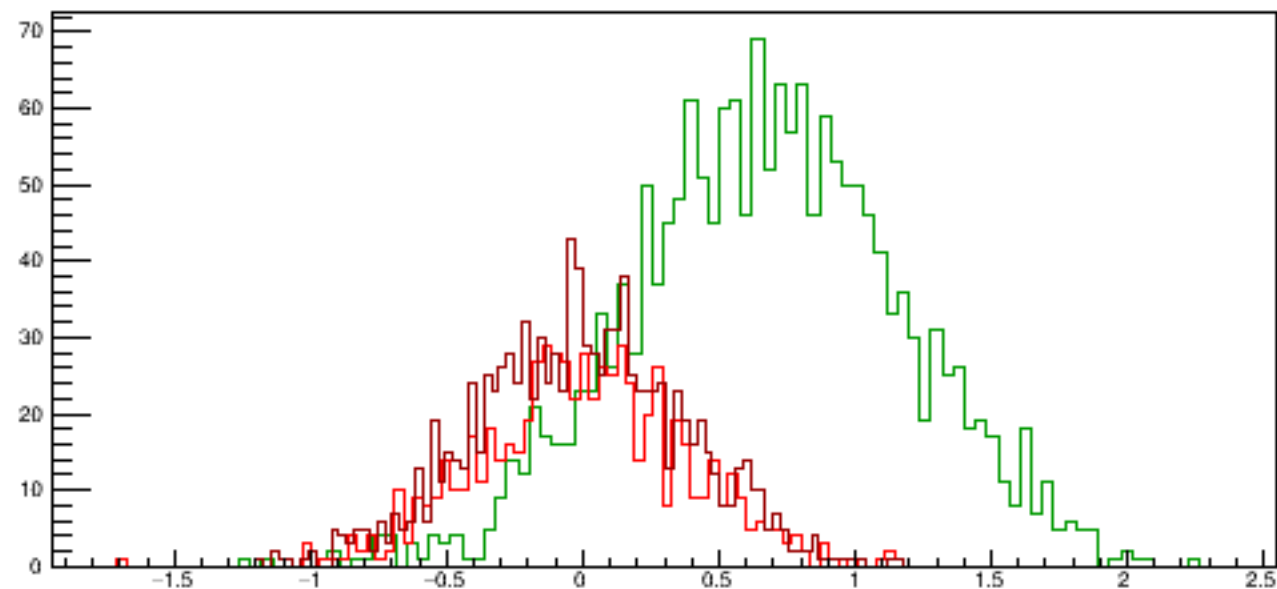
bcm:mpsCoda {mpsCoda>=292475 && mpsCoda<=308954}



Cycle 13, Diffs

Entries: 694	Entries: 1801	Entries: 1071
Mean: 0.0000 +/- 0.0146	Mean: 0.6735 +/- 0.0119	Mean: -0.0144 +/- 0.0117
Std Dev: 0.3837 +/- 0.0103	Std Dev: 0.5036 +/- 0.0084	Std Dev: 0.3836 +/- 0.0083

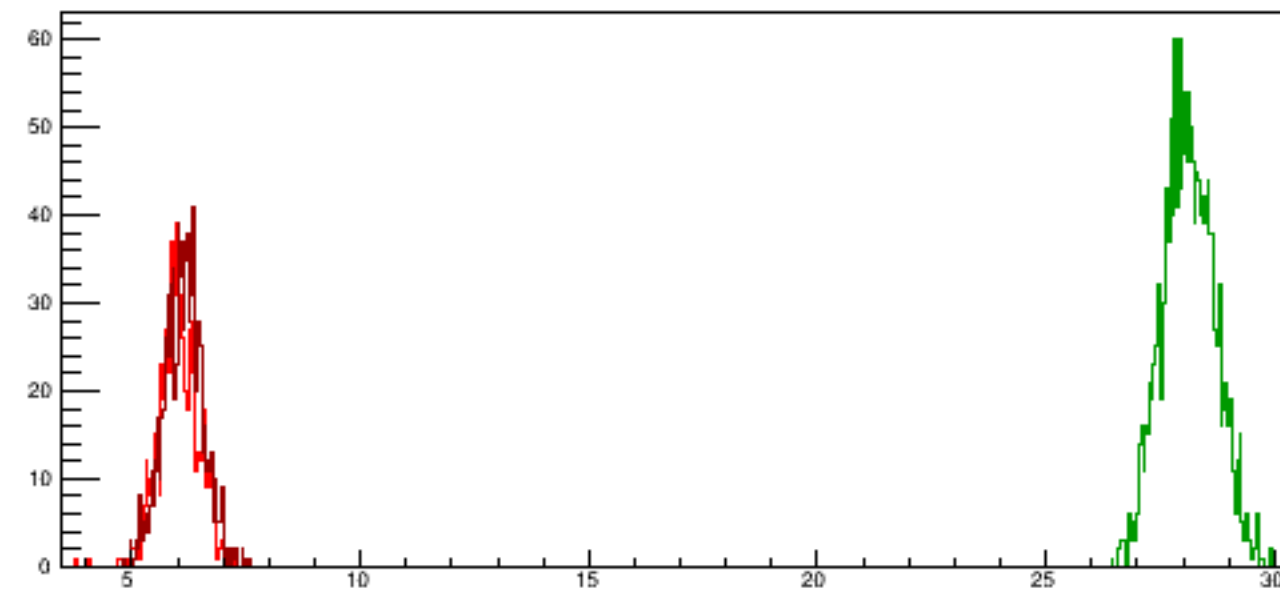
Run 6074 quartetwise, Diffs



Cycle 13, Sums

Entries: 694	Entries: 1801	Entries: 1071
Mean: 6.0100 +/- 0.0163	Mean: 28.1213 +/- 0.0135	Mean: 6.1230 +/- 0.0128
Std Dev: 0.4297 +/- 0.0115	Std Dev: 0.5708 +/- 0.0095	Std Dev: 0.4187 +/- 0.0090

Run 6074 quartetwise, Sums

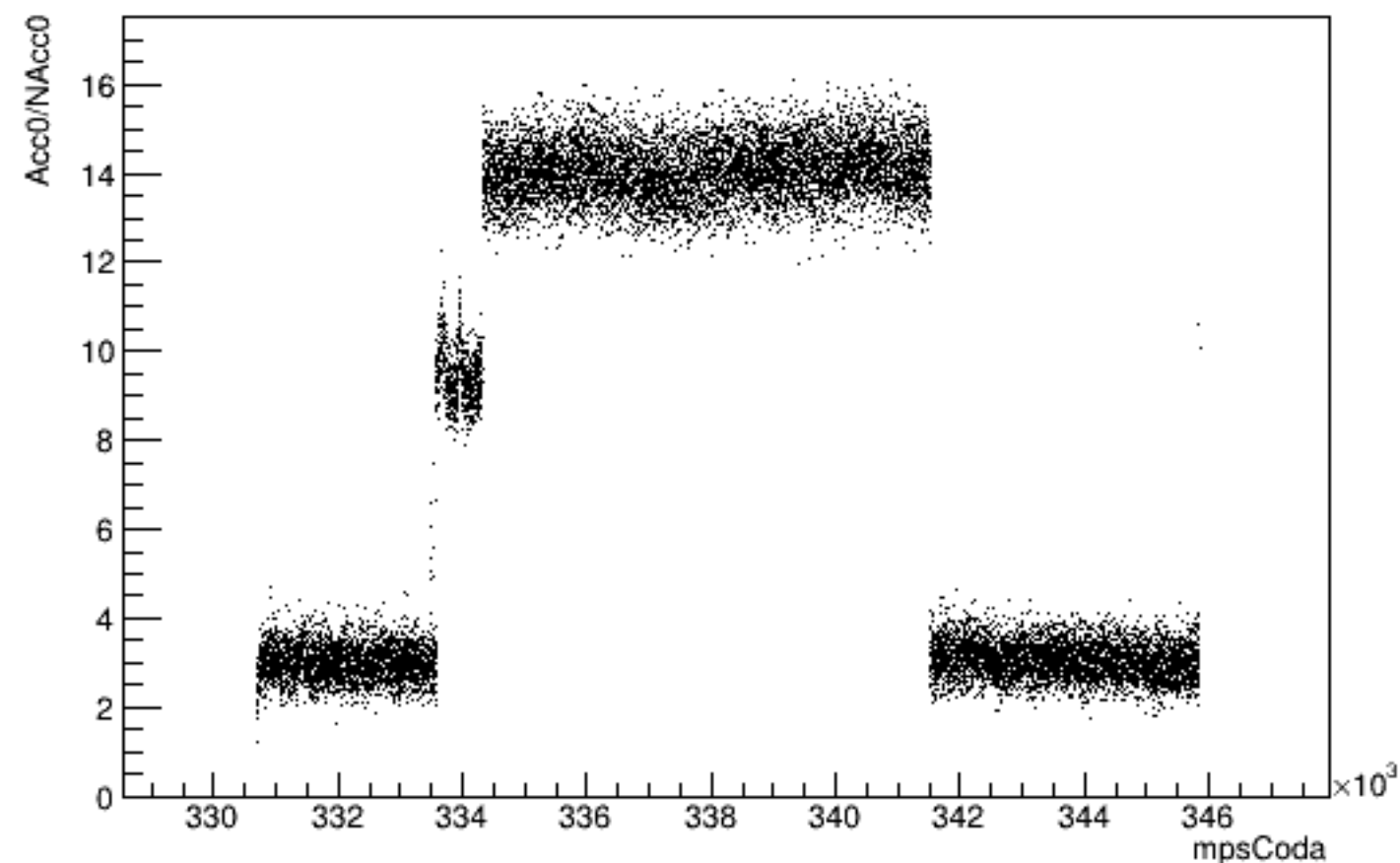
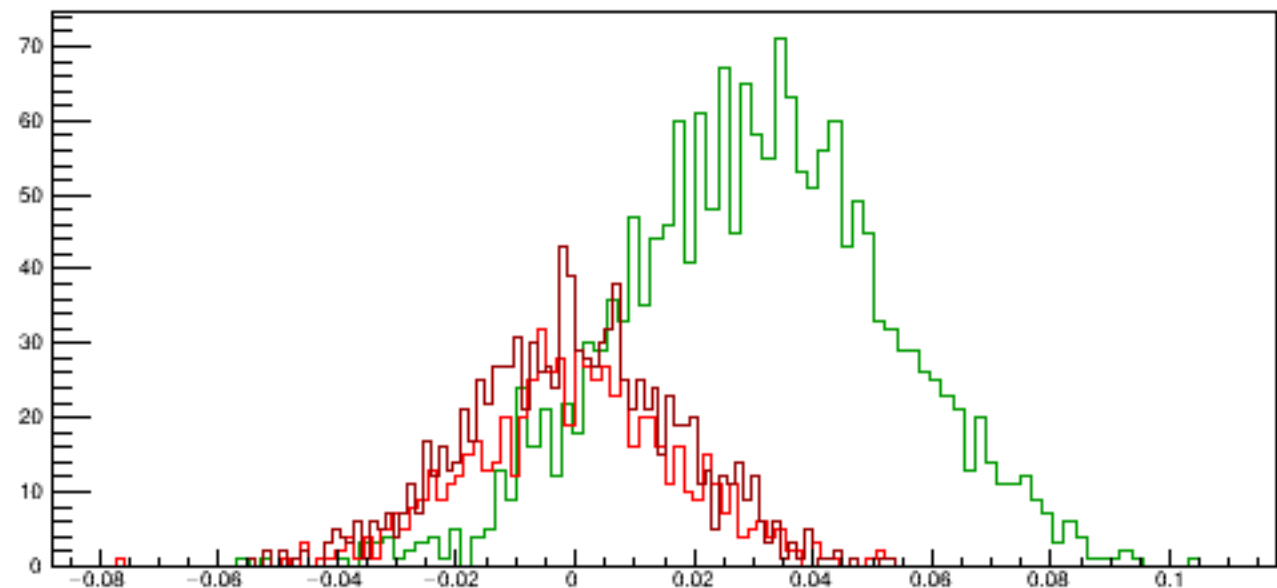


Acc0/NAcc0:mpsCoda (mpsCoda>=329143 && mpsCoda<=345846 && beamState==1)

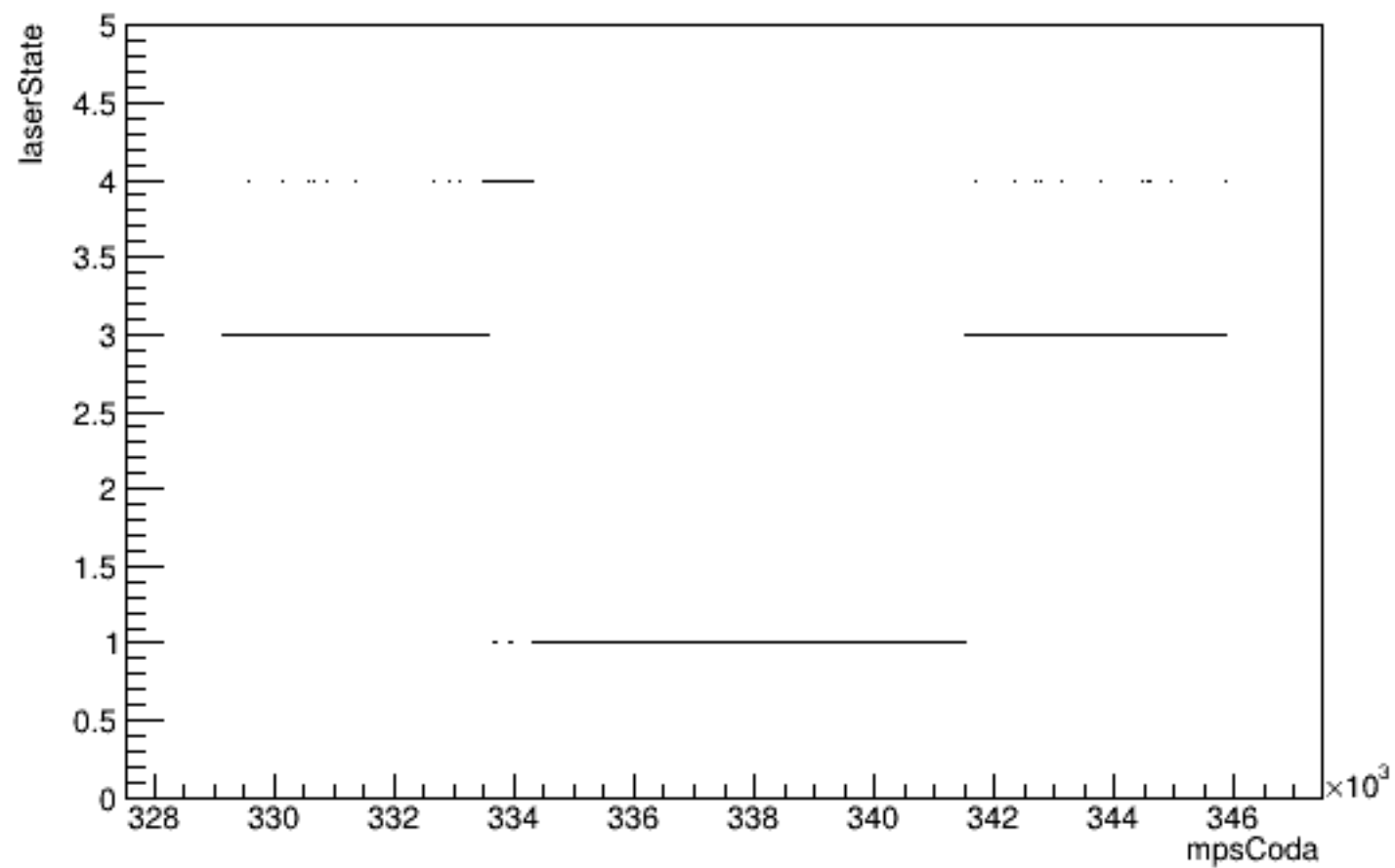
Cycle 13, Asyms

Entries: 694	Entries: 1801	Entries: 1071
Mean: 0.0000 +/- 0.0007	Mean: 0.0305 +/- 0.0005	Mean: -0.0007 +/- 0.0005
Std Dev: 0.0174 +/- 0.0005	Std Dev: 0.0228 +/- 0.0004	Std Dev: 0.0174 +/- 0.0004

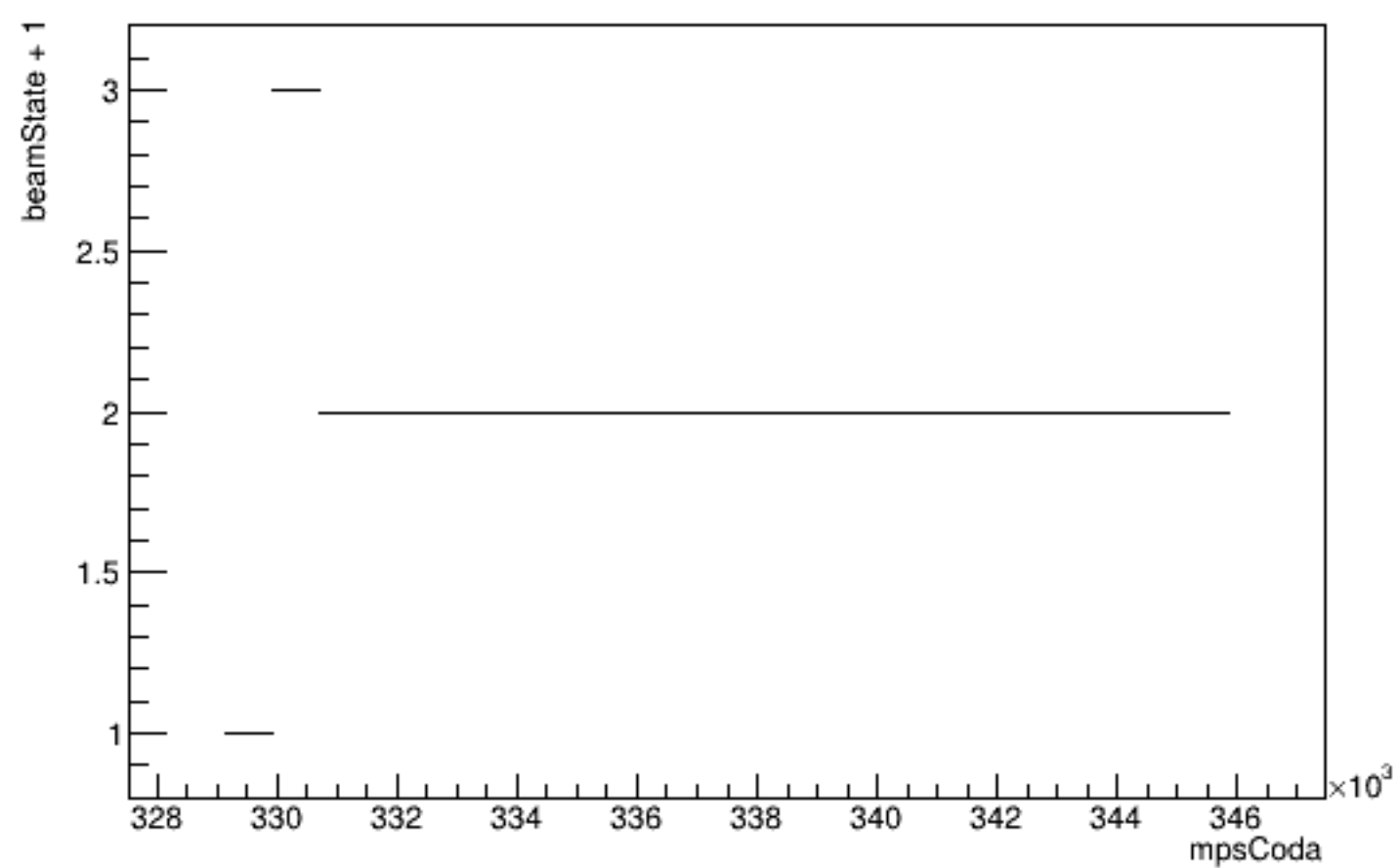
Run 6074 quartetwise, Asyms



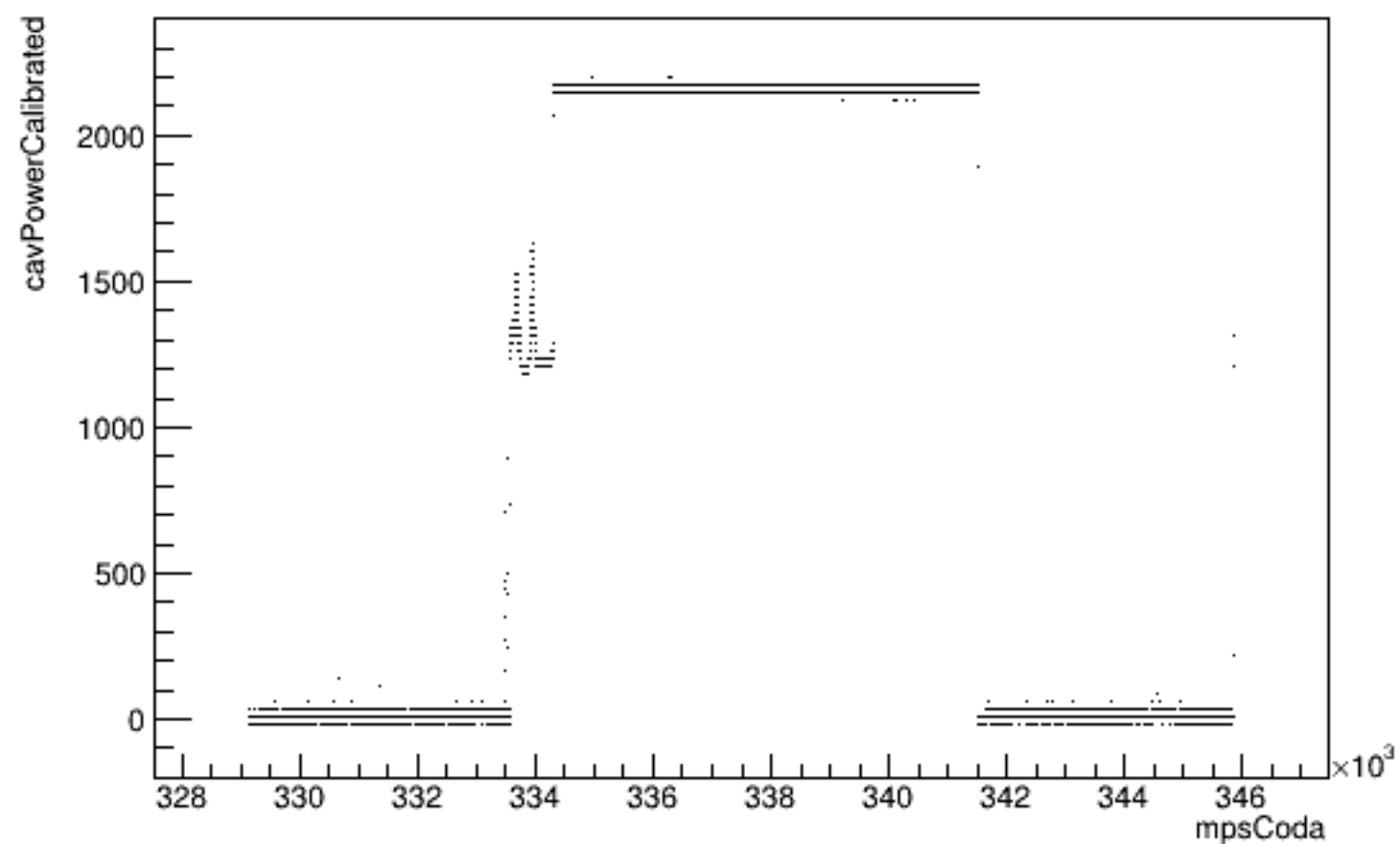
laserState:mpsCoda {mpsCoda>=329143 && mpsCoda<=345846}



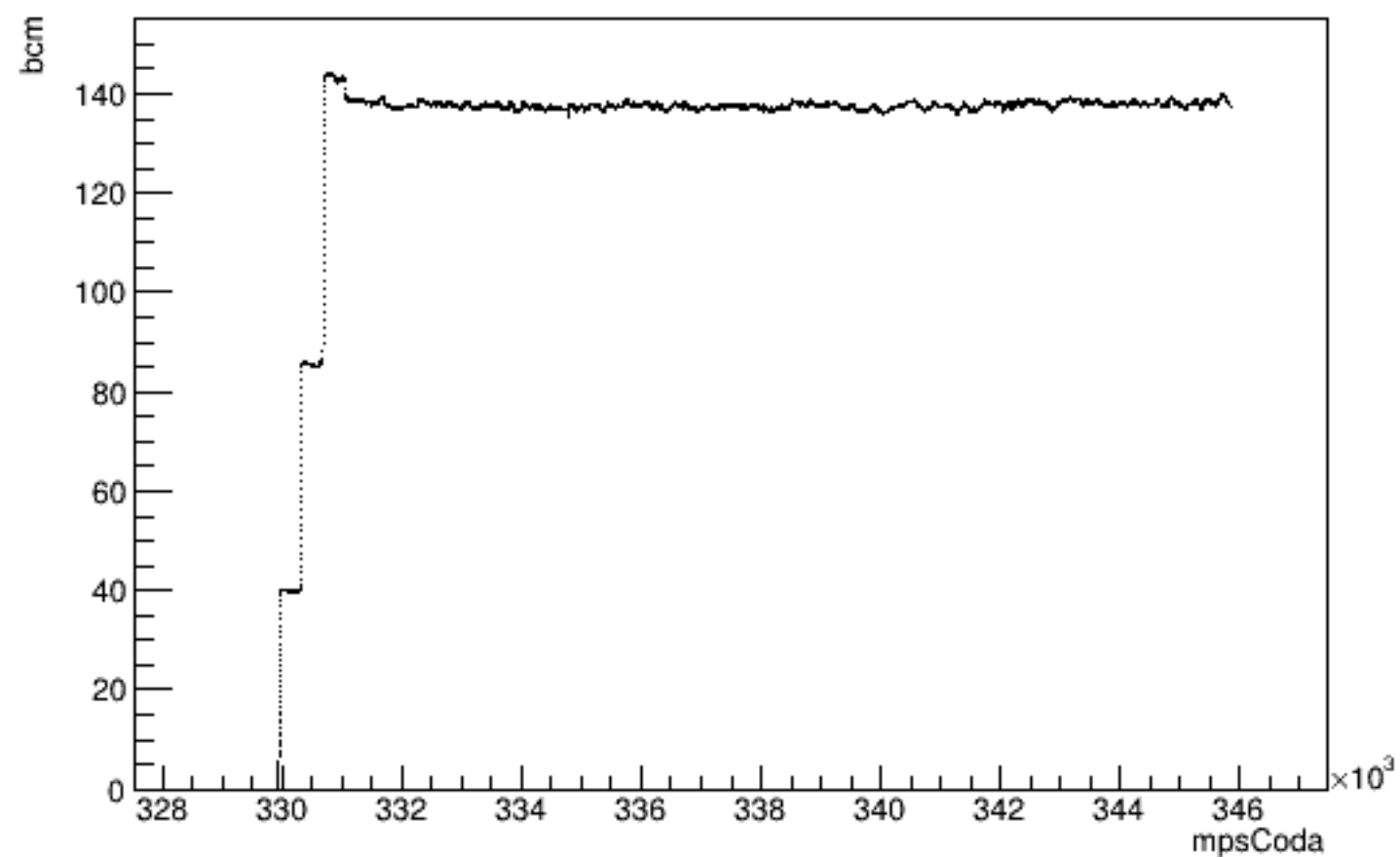
beamState + 1:mpsCoda {mpsCoda>=329143 && mpsCoda<=345846}



cavPowerCalibrated:mpsCoda {mpsCoda>=329143 && mpsCoda<=345846}



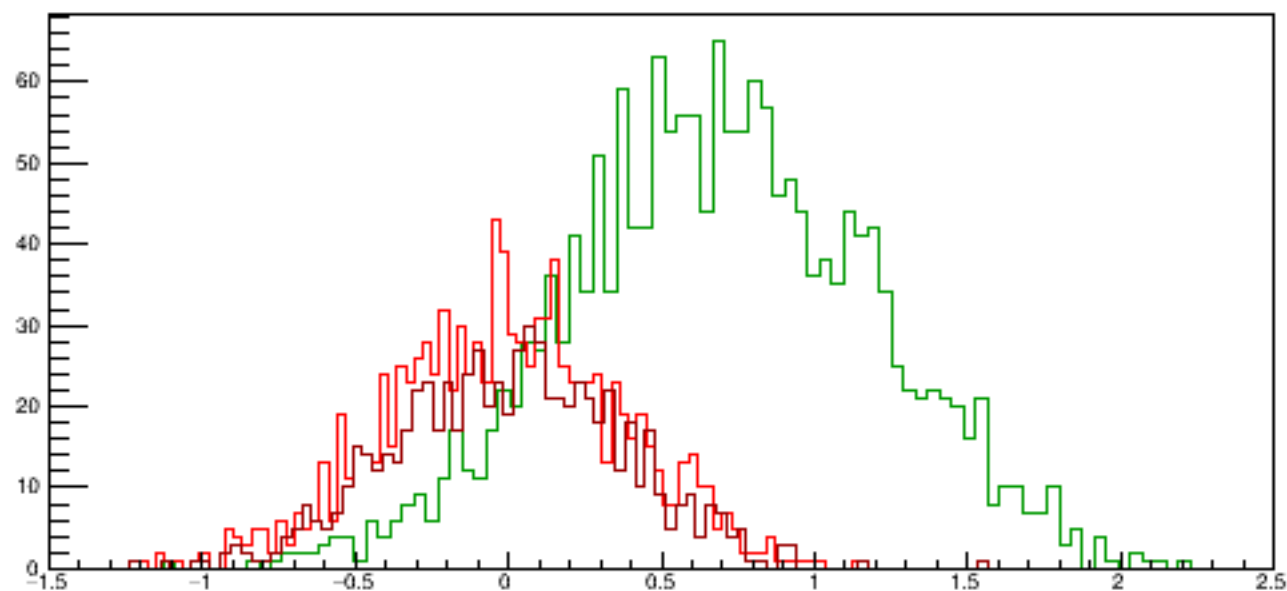
bcm:mpsCoda {mpsCoda>=329143 && mpsCoda<=345846}



Cycle 14, Diffs

Entries: 1071 Mean: -0.0144 +/- 0.0117 Std Dev: 0.3836 +/- 0.0083	Entries: 1801 Mean: 0.6902 +/- 0.0118 Std Dev: 0.5017 +/- 0.0084	Entries: 717 Mean: 0.0023 +/- 0.0141 Std Dev: 0.3779 +/- 0.0100
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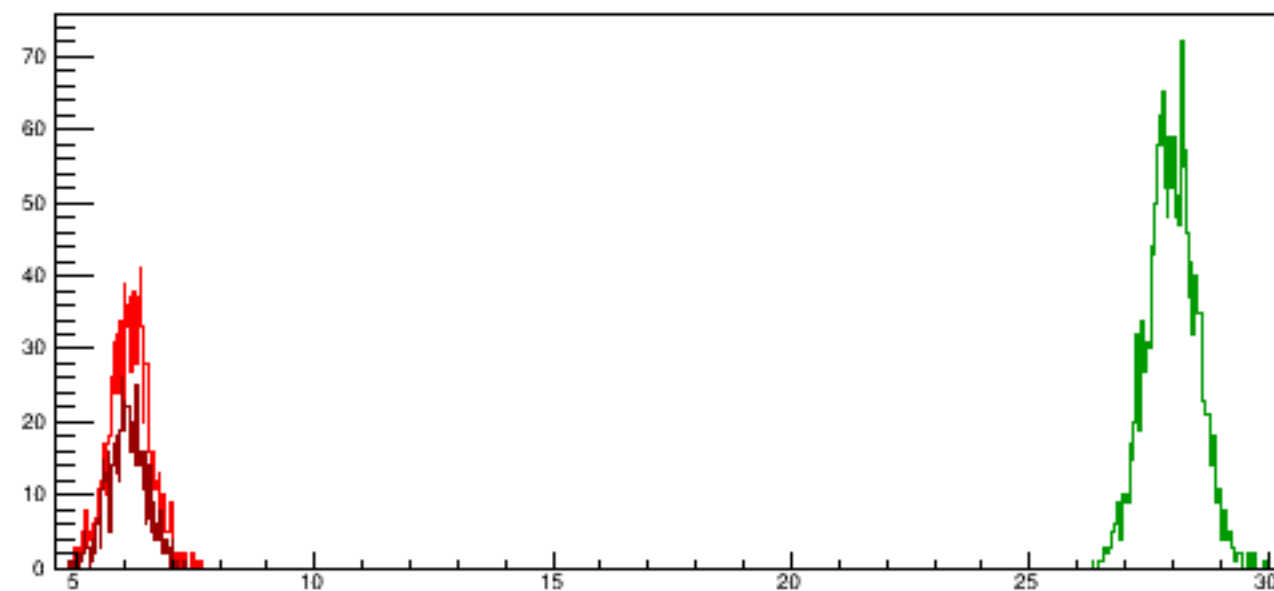
Run 6074 quartetwise, Diffs



Cycle 14, Sums

Entries: 1071 Mean: 6.1230 +/- 0.0128 Std Dev: 0.4187 +/- 0.0090	Entries: 1801 Mean: 27.9807 +/- 0.0124 Std Dev: 0.5270 +/- 0.0088	Entries: 717 Mean: 6.0655 +/- 0.0151 Std Dev: 0.4030 +/- 0.0106
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Run 6074 quartetwise, Sums

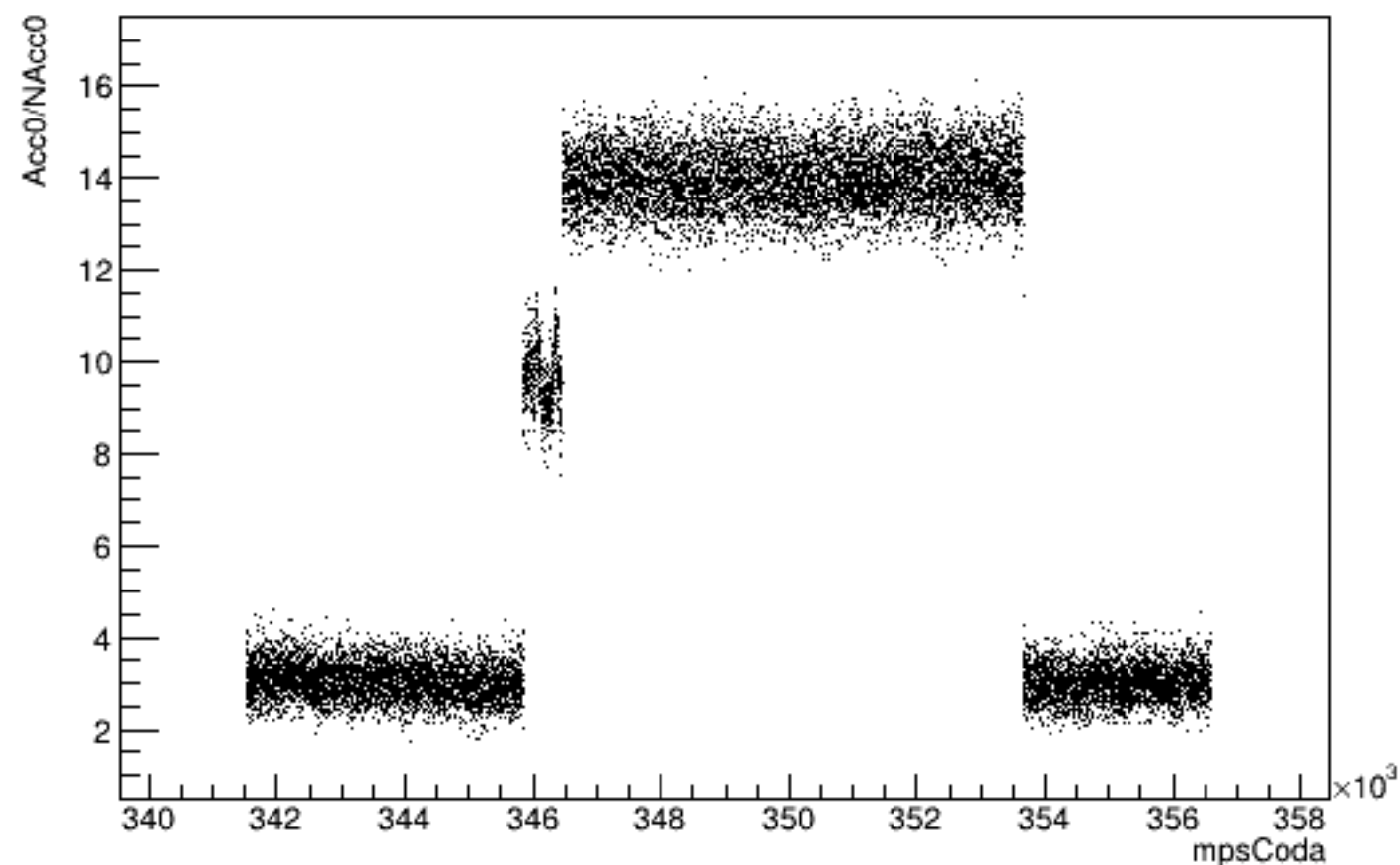
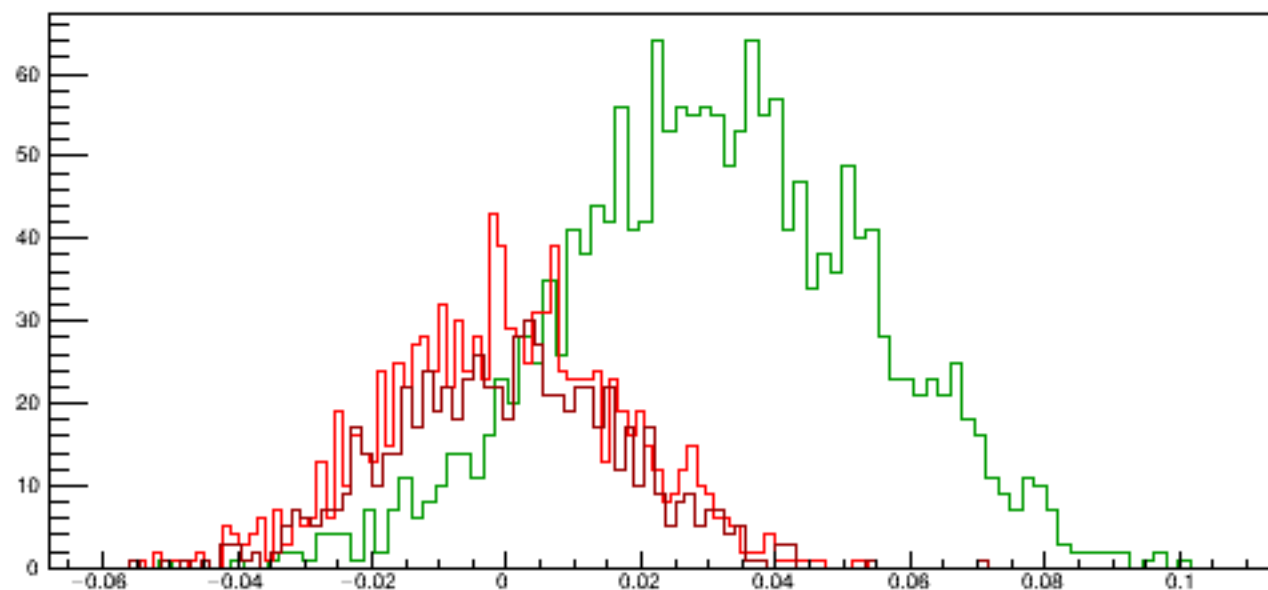


Acc0/NAcc0:mpsCoda (mpsCoda>=341519 && mpsCoda<=358002 && beamState==1)

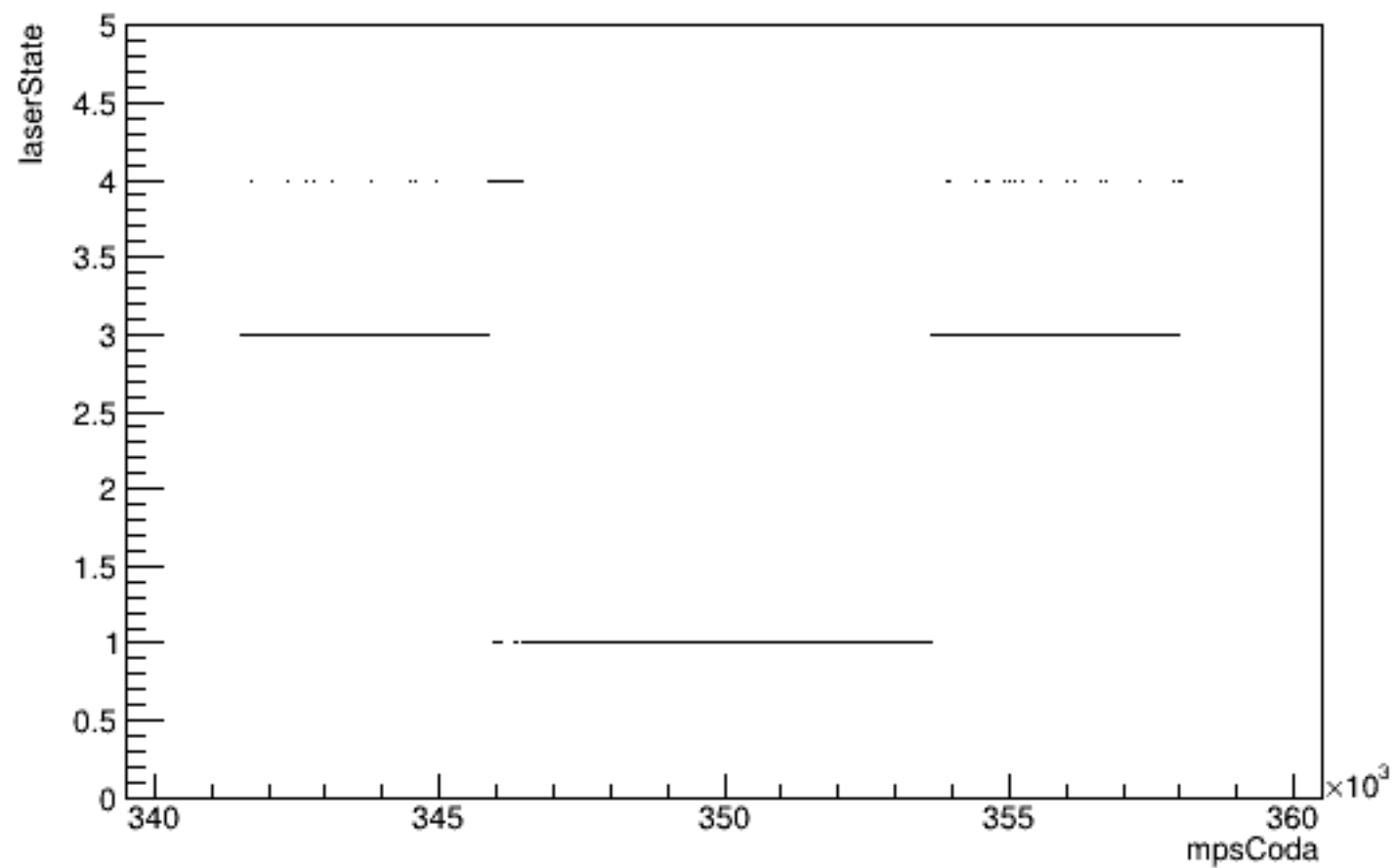
Cycle 14, Asyms

Entries: 1071 Mean: -0.0007 +/- 0.0005 Std Dev: 0.0175 +/- 0.0004	Entries: 1801 Mean: 0.0315 +/- 0.0005 Std Dev: 0.0229 +/- 0.0004	Entries: 717 Mean: 0.0001 +/- 0.0006 Std Dev: 0.0173 +/- 0.0005
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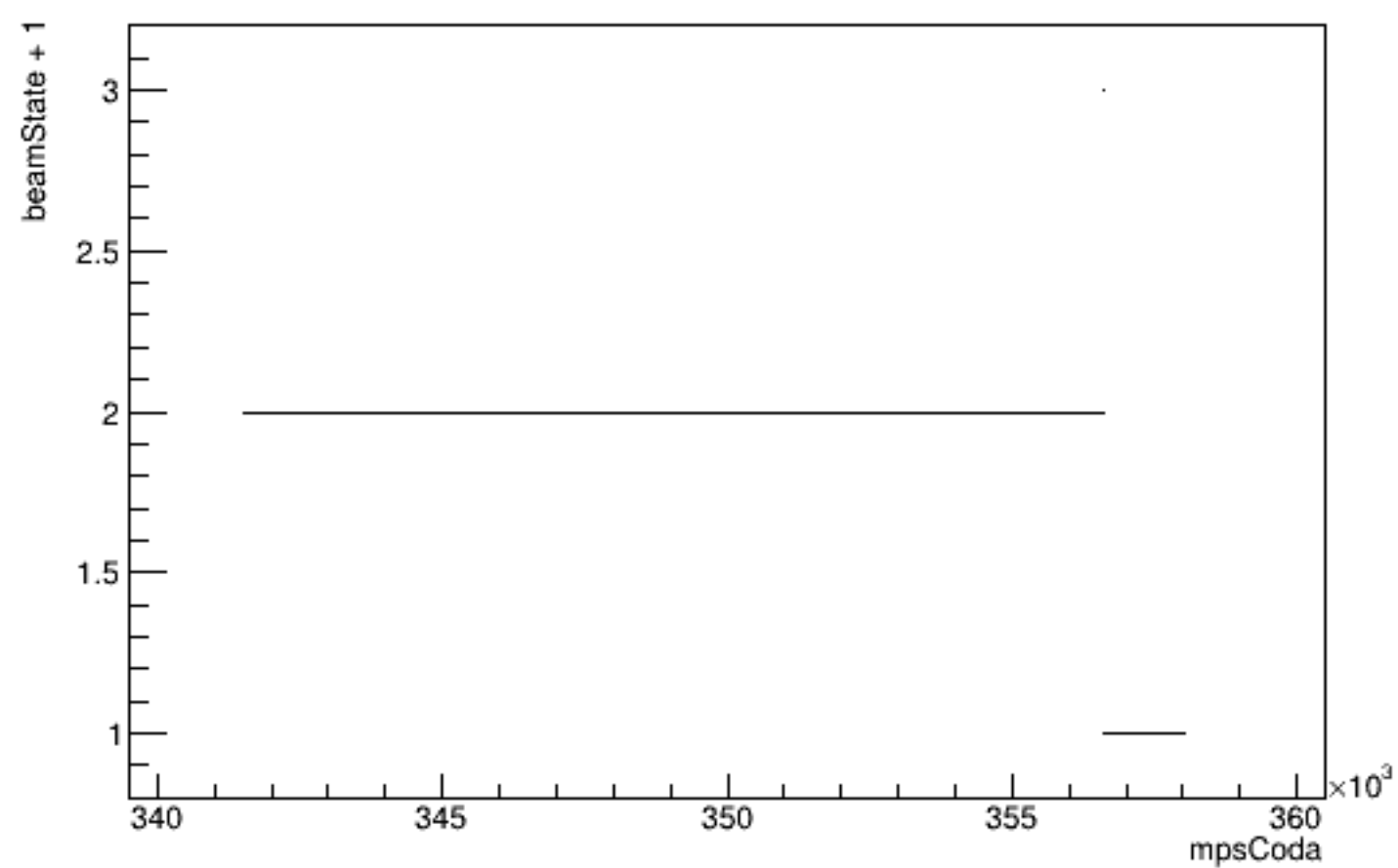
Run 6074 quartetwise, Asyms



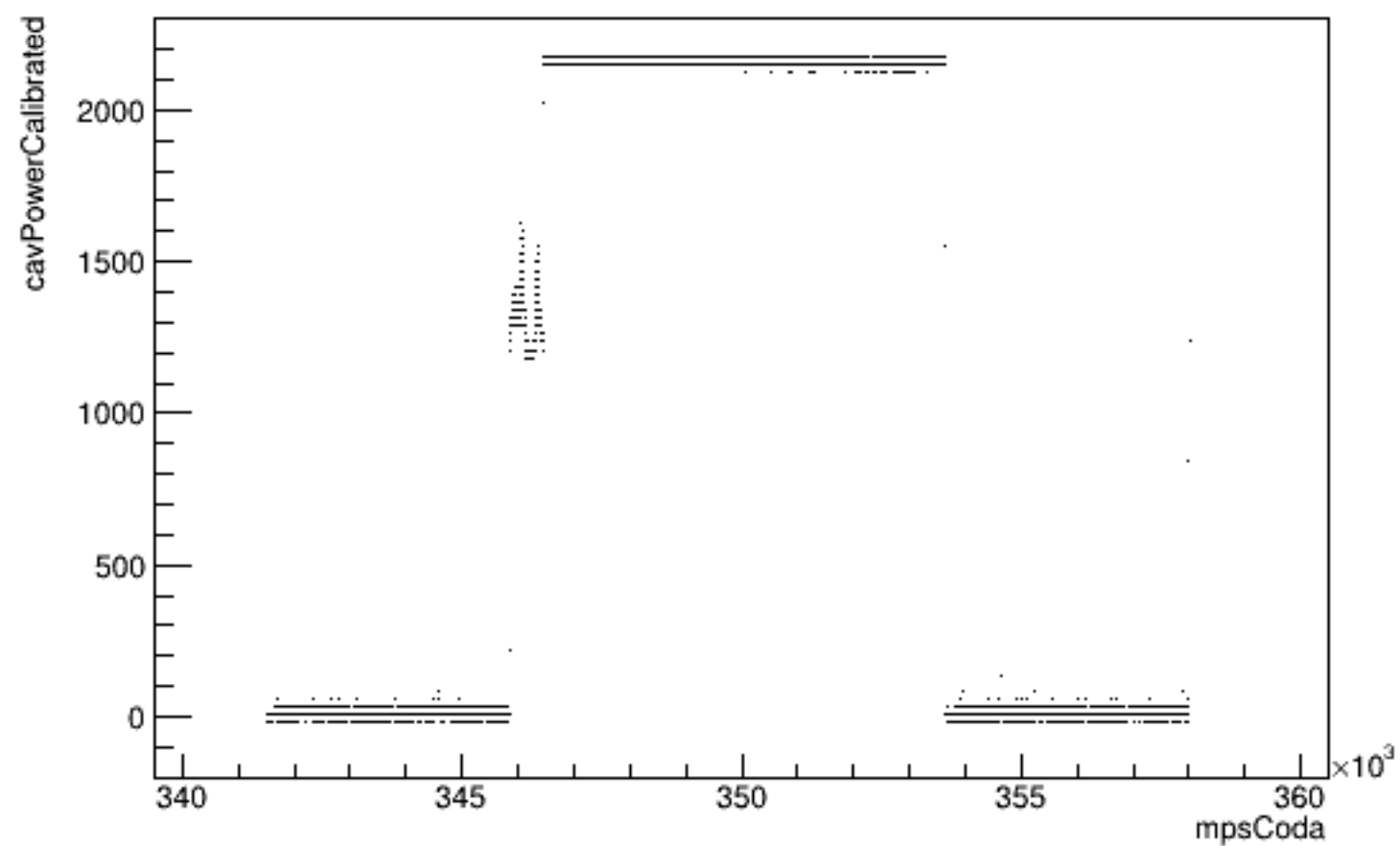
laserState:mpsCoda {mpsCoda>=341519 && mpsCoda<=358002}



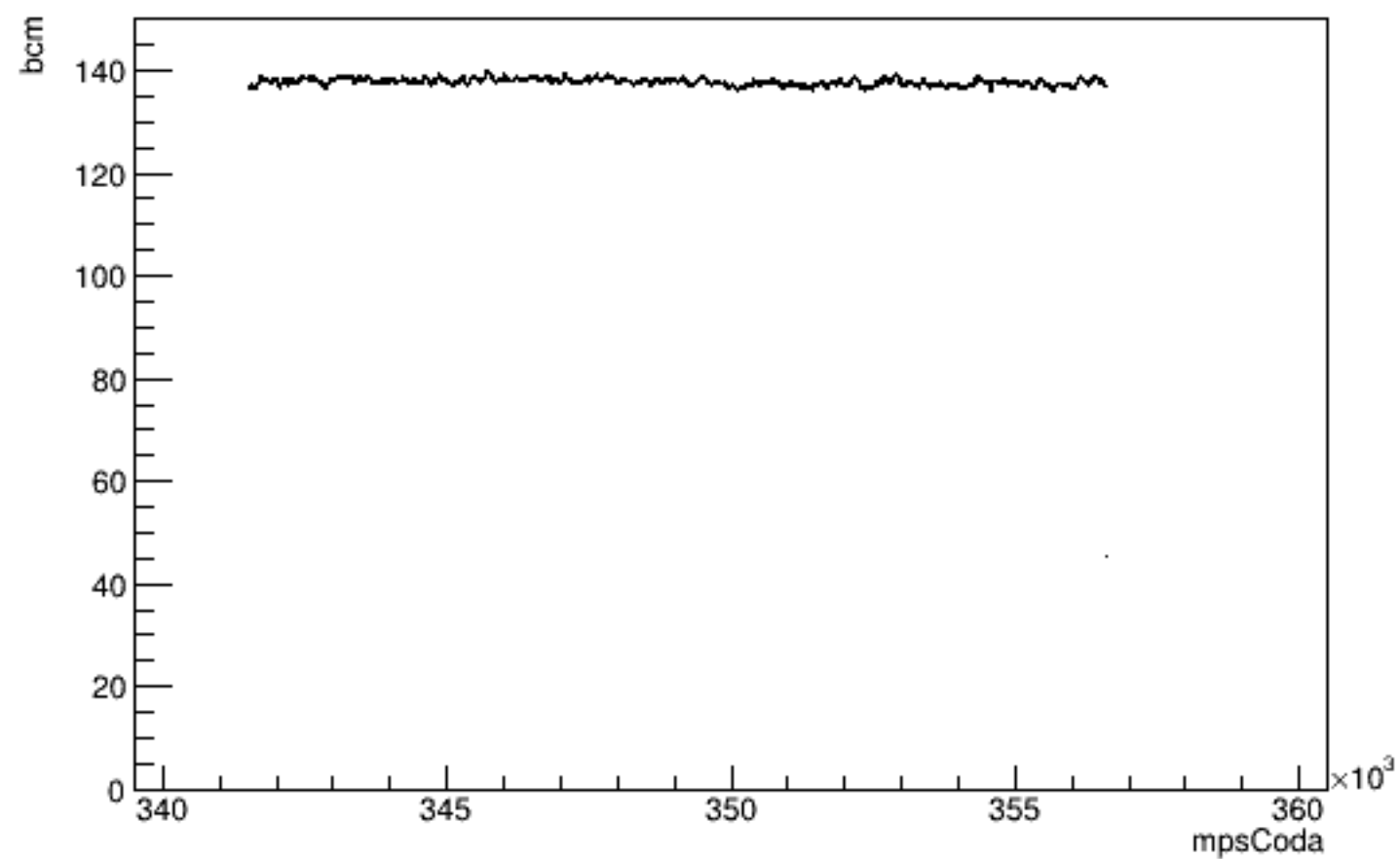
beamState + 1:mpsCoda {mpsCoda>=341519 && mpsCoda<=358002}



cavPowerCalibrated:mpsCoda {mpsCoda>=341519 && mpsCoda<=358002}



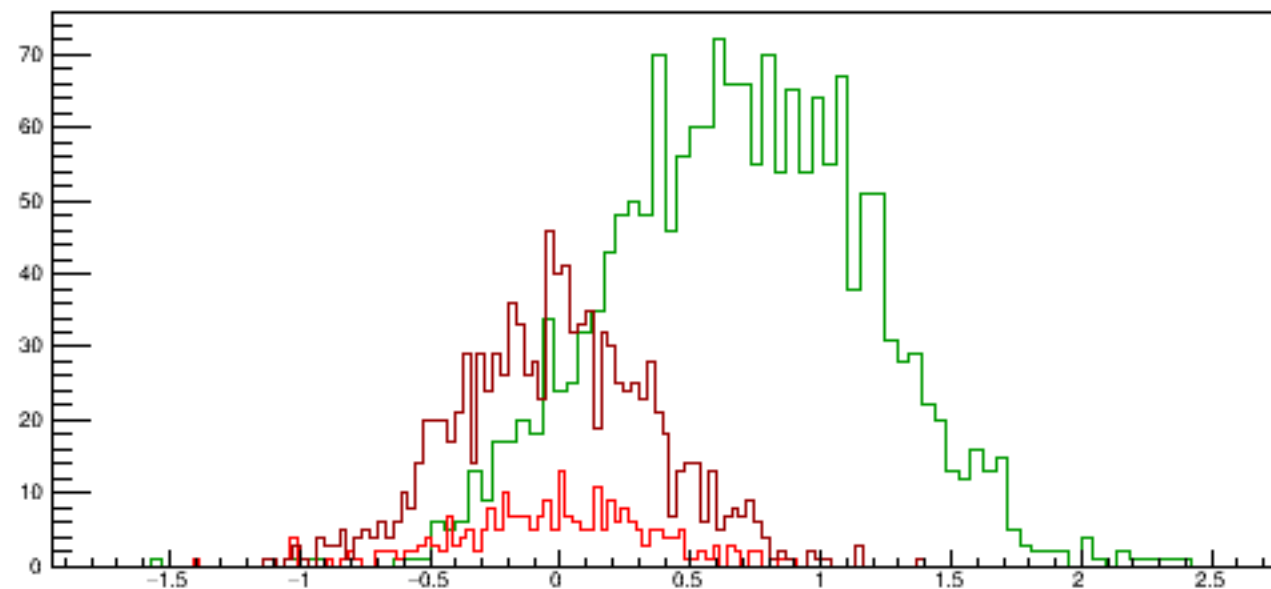
bcm:mpsCoda {mpsCoda>=341519 && mpsCoda<=358002}



Cycle 15, Diffs

Entries: 262	Entries: 1802	Entries: 1076
Mean: -0.0263 +/- 0.0239	Mean: 0.6901 +/- 0.0118	Mean: -0.0147 +/- 0.0114
Std Dev: 0.3870 +/- 0.0169	Std Dev: 0.5003 +/- 0.0083	Std Dev: 0.3755 +/- 0.0081

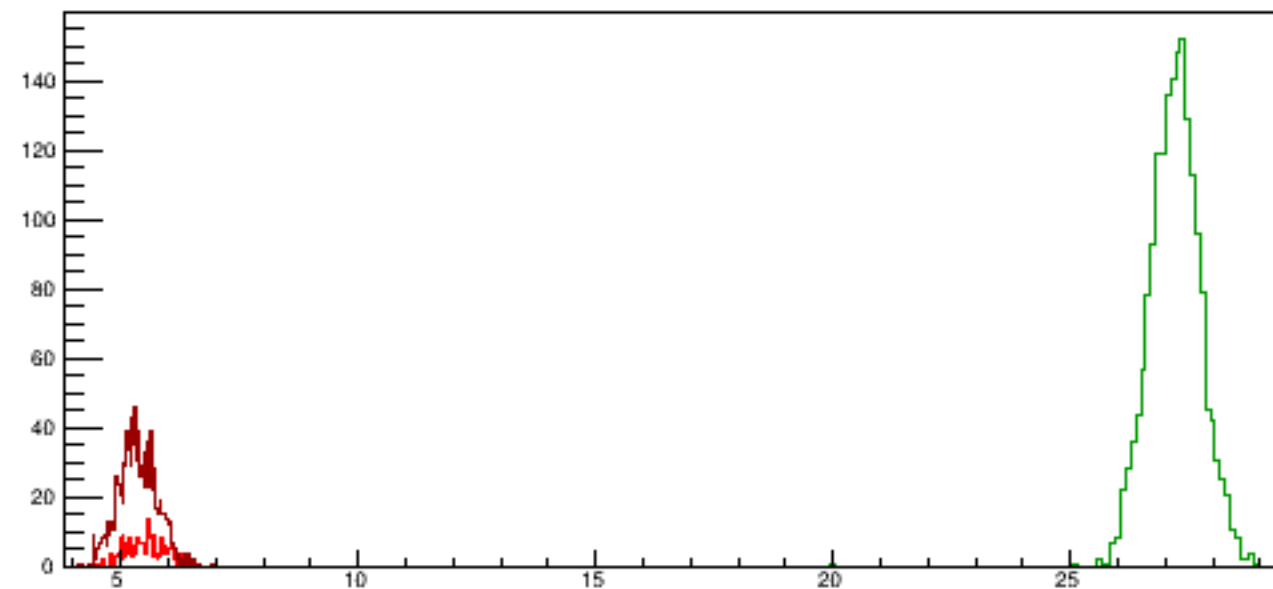
Run 6074 quartetwise, Diffs



Cycle 15, Sums

Entries: 262	Entries: 1802	Entries: 1076
Mean: 5.4903 +/- 0.0265	Mean: 27.2041 +/- 0.0129	Mean: 5.3540 +/- 0.0126
Std Dev: 0.4291 +/- 0.0187	Std Dev: 0.5459 +/- 0.0091	Std Dev: 0.4126 +/- 0.0089

Run 6074 quartetwise, Sums

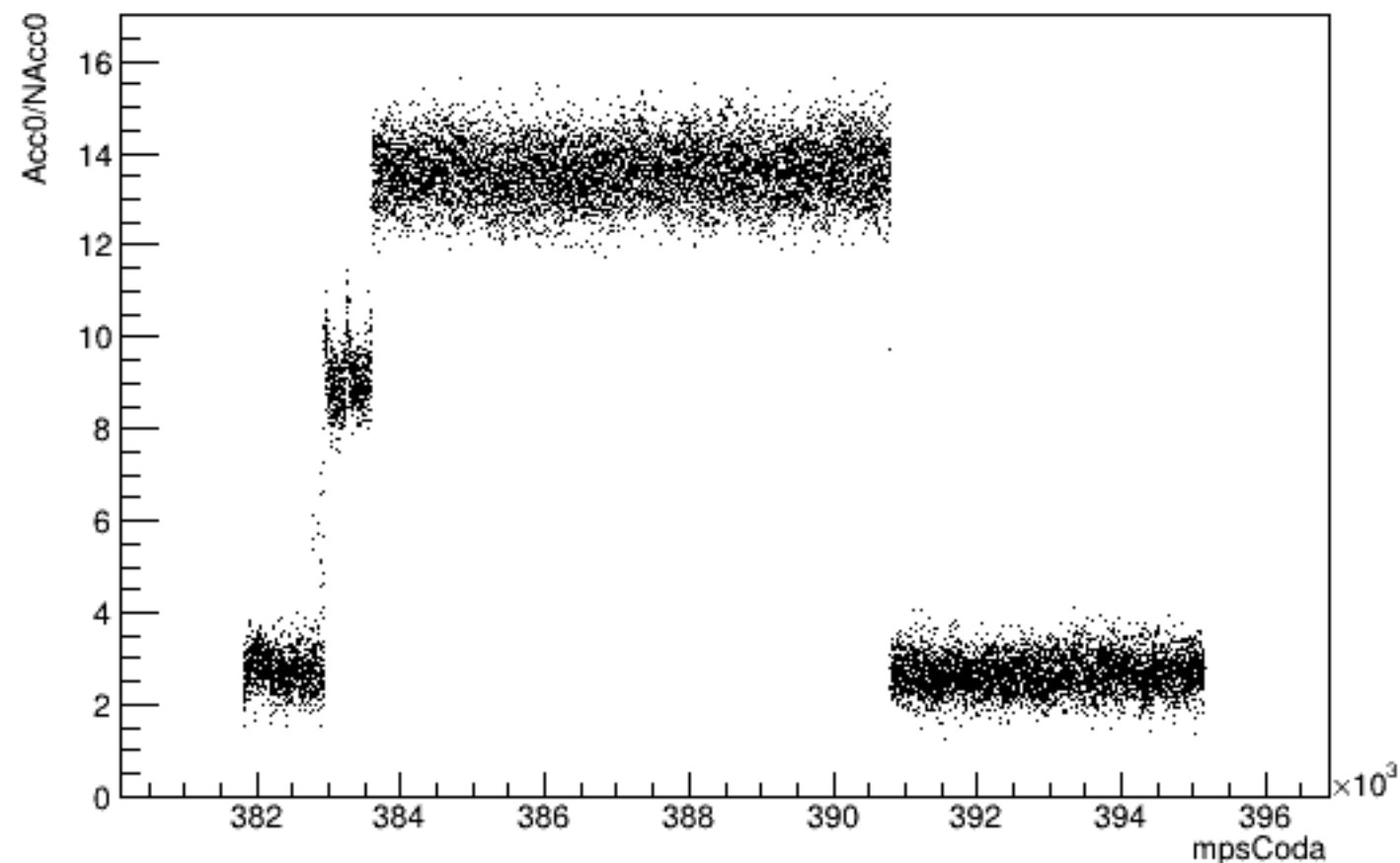
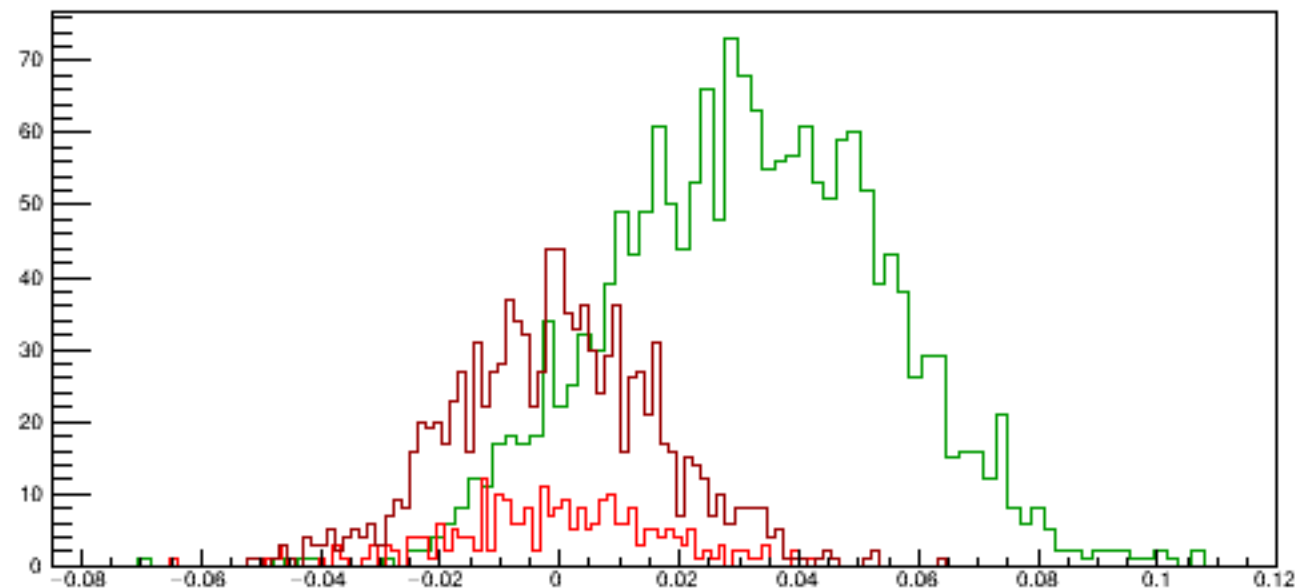


Acc0/NAcc0:mpsCoda (mpsCoda>=378419 && mpsCoda<=395158 && beamState==1)

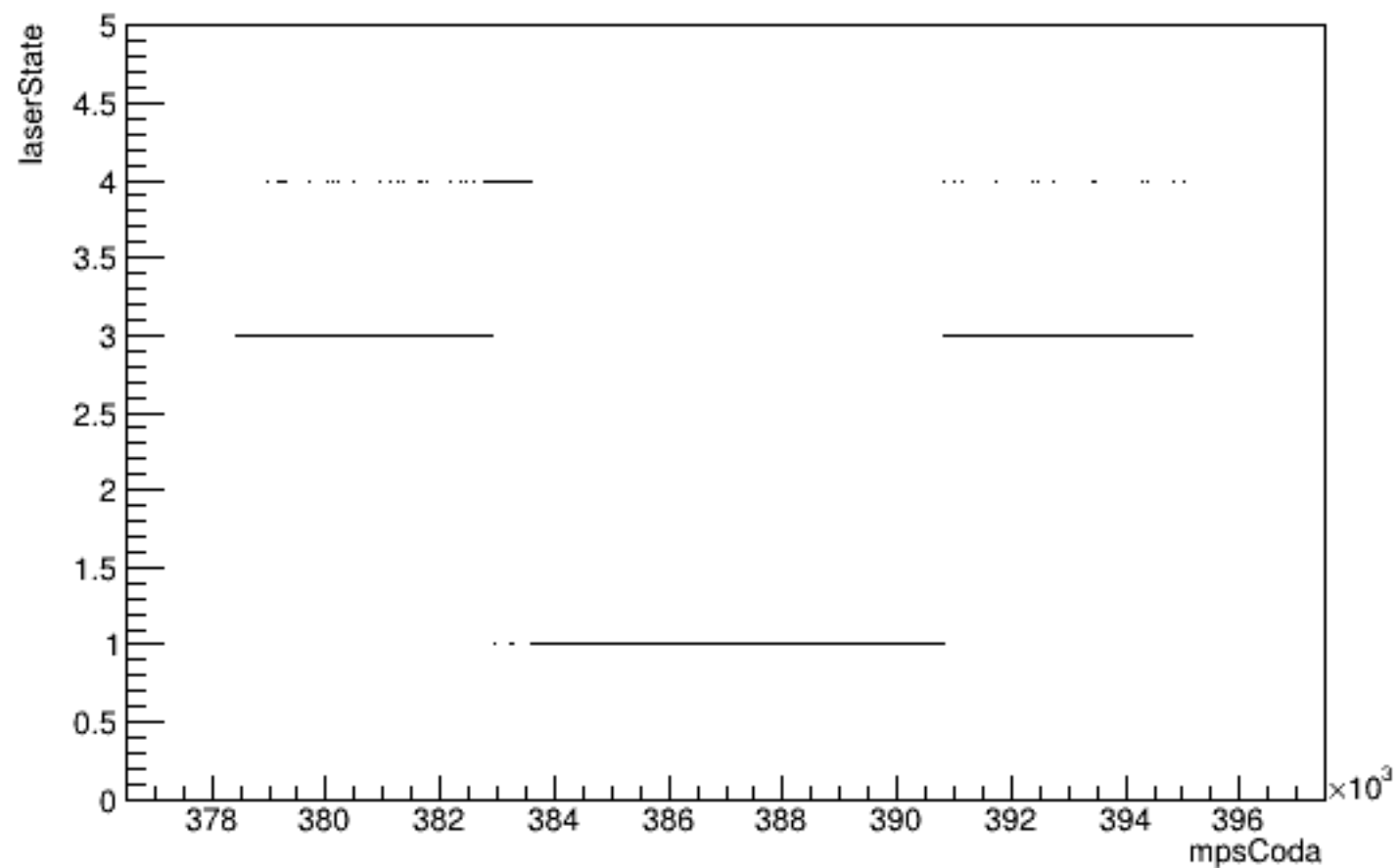
Cycle 15, Asyms

Entries: 262	Entries: 1802	Entries: 1076
Mean: -0.0012 +/- 0.0011	Mean: 0.0317 +/- 0.0005	Mean: -0.0007 +/- 0.0005
Std Dev: 0.0178 +/- 0.0008	Std Dev: 0.0230 +/- 0.0004	Std Dev: 0.0172 +/- 0.0004

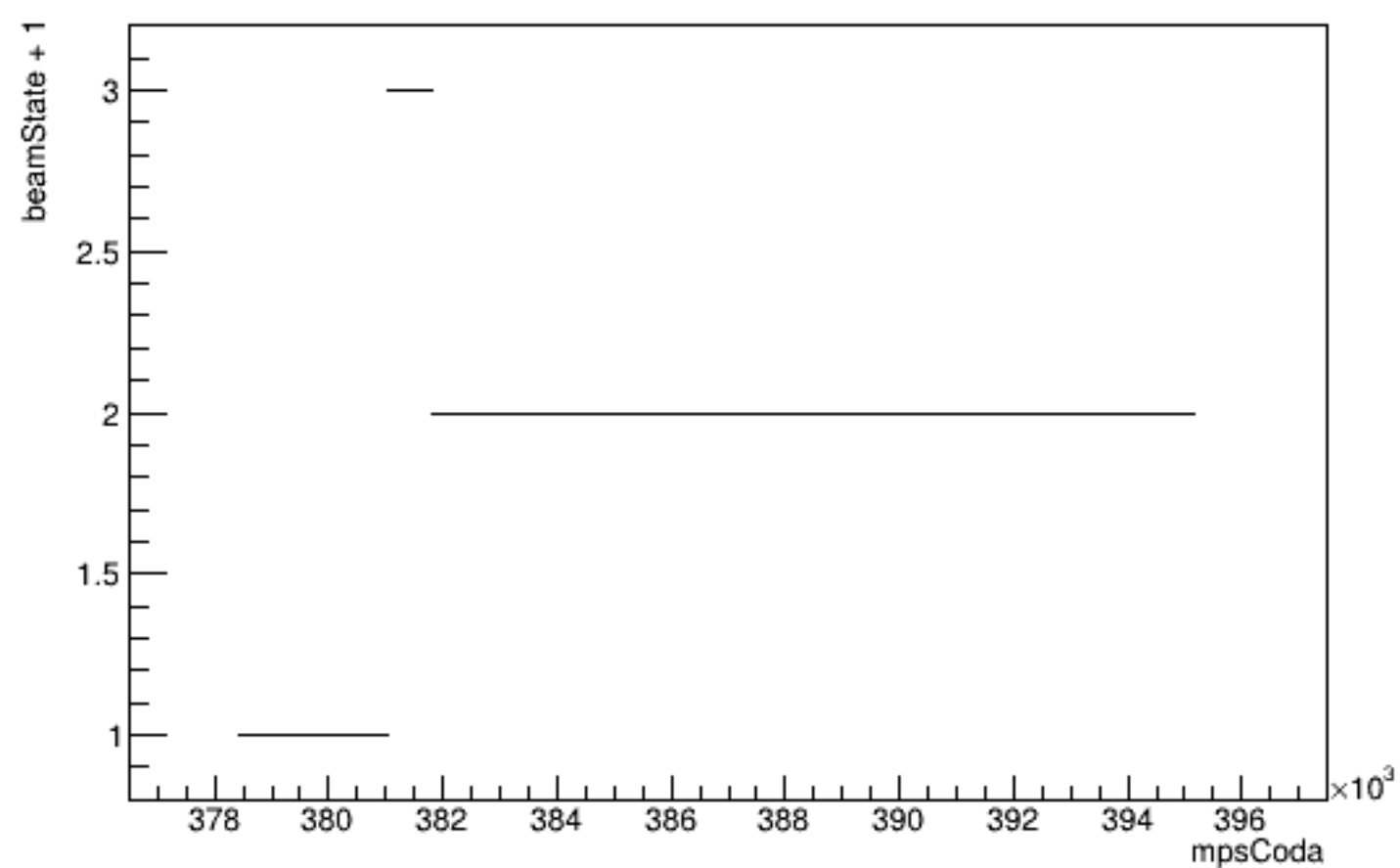
Run 6074 quartetwise, Asyms



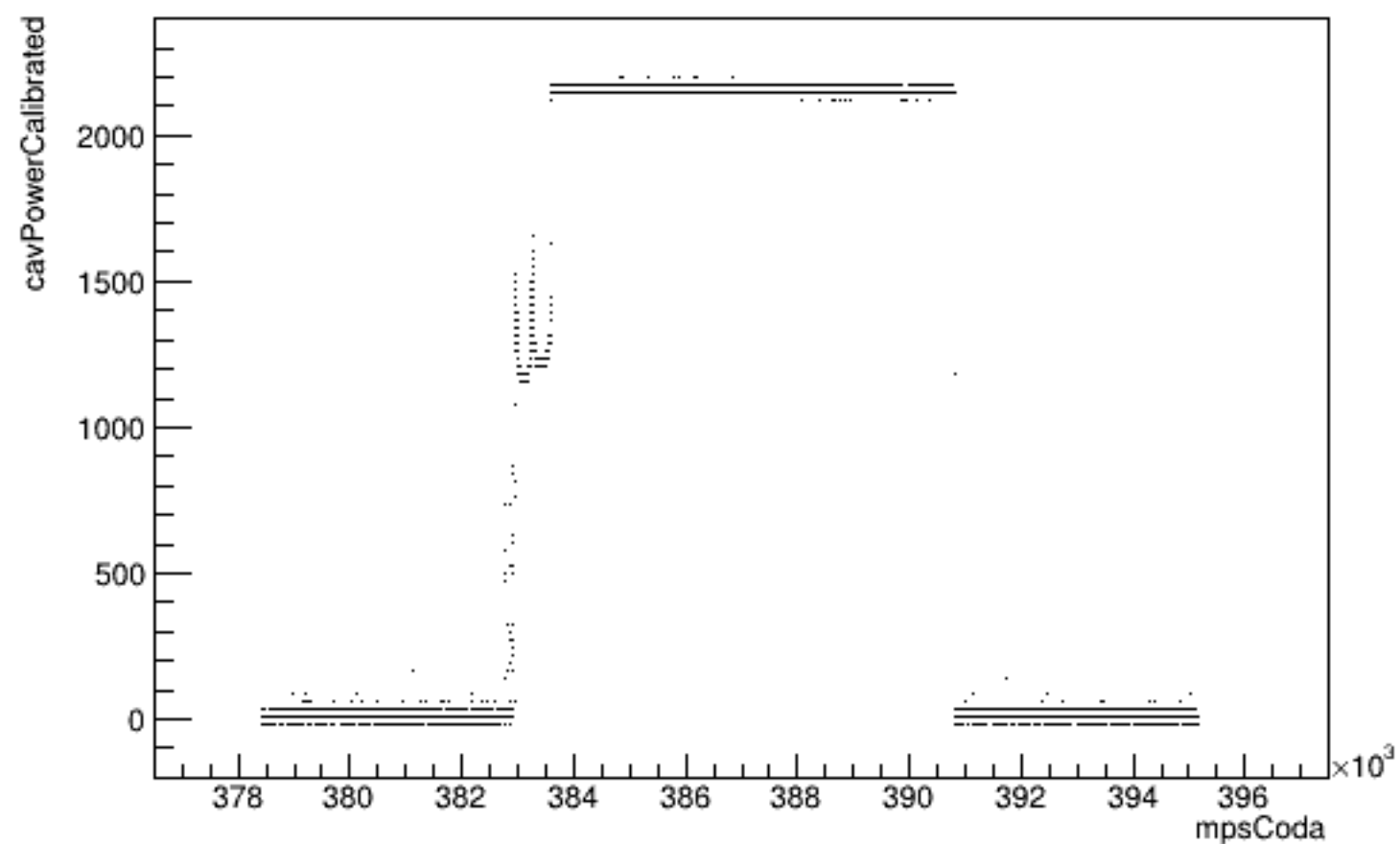
laserState:mpsCoda {mpsCoda>=378419 && mpsCoda<=395158}



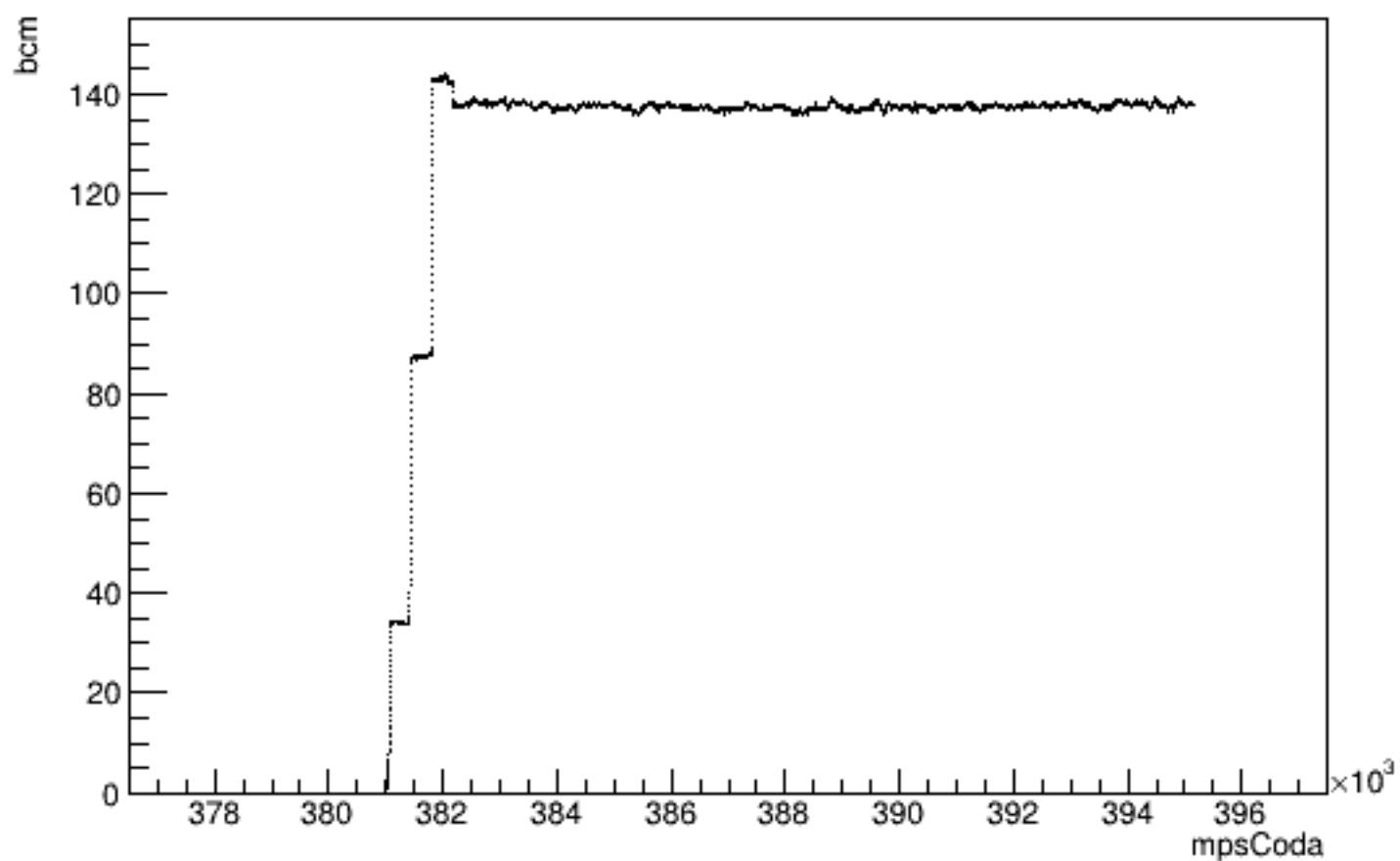
beamState + 1:mpsCoda {mpsCoda>=378419 && mpsCoda<=395158}



cavPowerCalibrated:mpsCoda {mpsCoda>=378419 && mpsCoda<=395158}



bcm:mpsCoda {mpsCoda>=378419 && mpsCoda<=395158}



Cycle 16, Diffs

Entries: 1076

Mean: -0.0147 +/- 0.0114

Std Dev: 0.3755 +/- 0.0081

Entries: 1801

Mean: 0.6592 +/- 0.0118

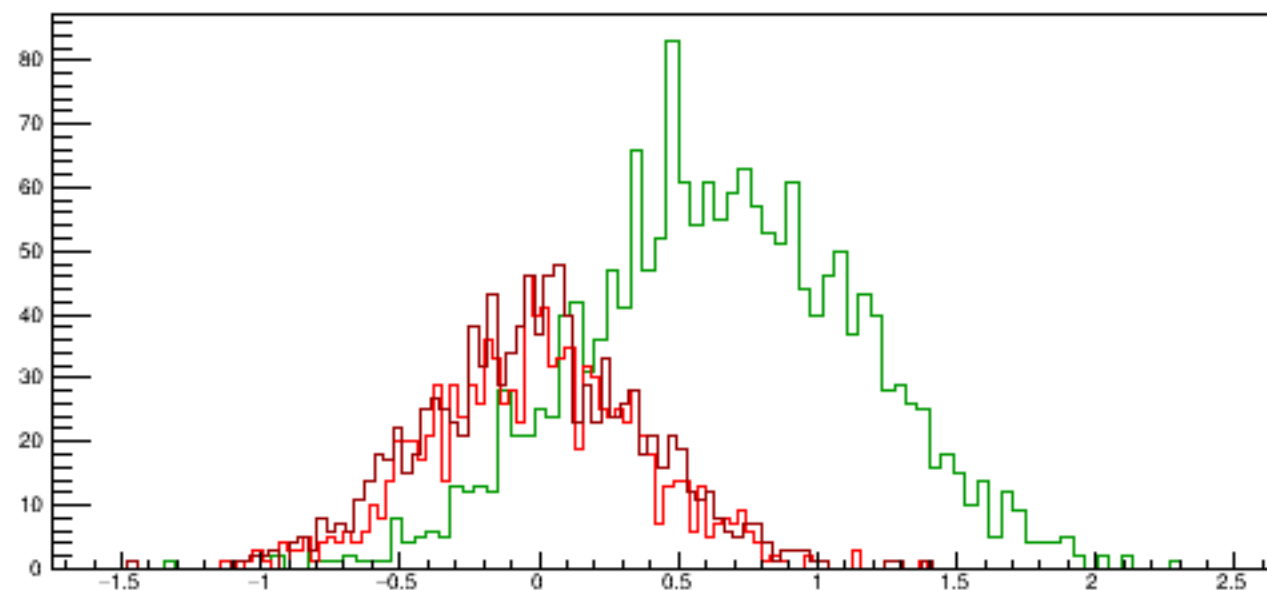
Std Dev: 0.5024 +/- 0.0084

Entries: 1084

Mean: -0.0180 +/- 0.0119

Std Dev: 0.3908 +/- 0.0084

Run 6074 quartetwise, Diffs



Cycle 16, Sums

Entries: 1076

Mean: 5.3540 +/- 0.0126

Std Dev: 0.4126 +/- 0.0089

Entries: 1801

Mean: 27.4530 +/- 0.0121

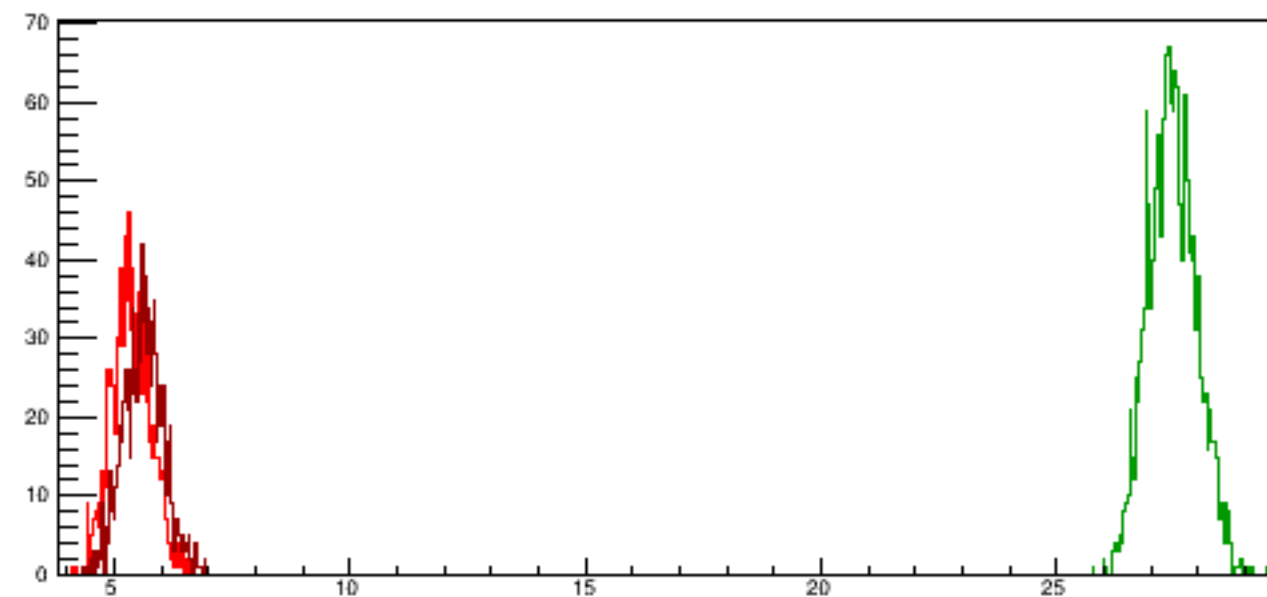
Std Dev: 0.5148 +/- 0.0086

Entries: 1084

Mean: 5.6139 +/- 0.0127

Std Dev: 0.4174 +/- 0.0090

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=390803 && mpsCoda<=407314 && beamState==1)

Cycle 16, Asyms

Entries: 1076

Mean: -0.0007 +/- 0.0005

Std Dev: 0.0171 +/- 0.0004

Entries: 1801

Mean: 0.0300 +/- 0.0005

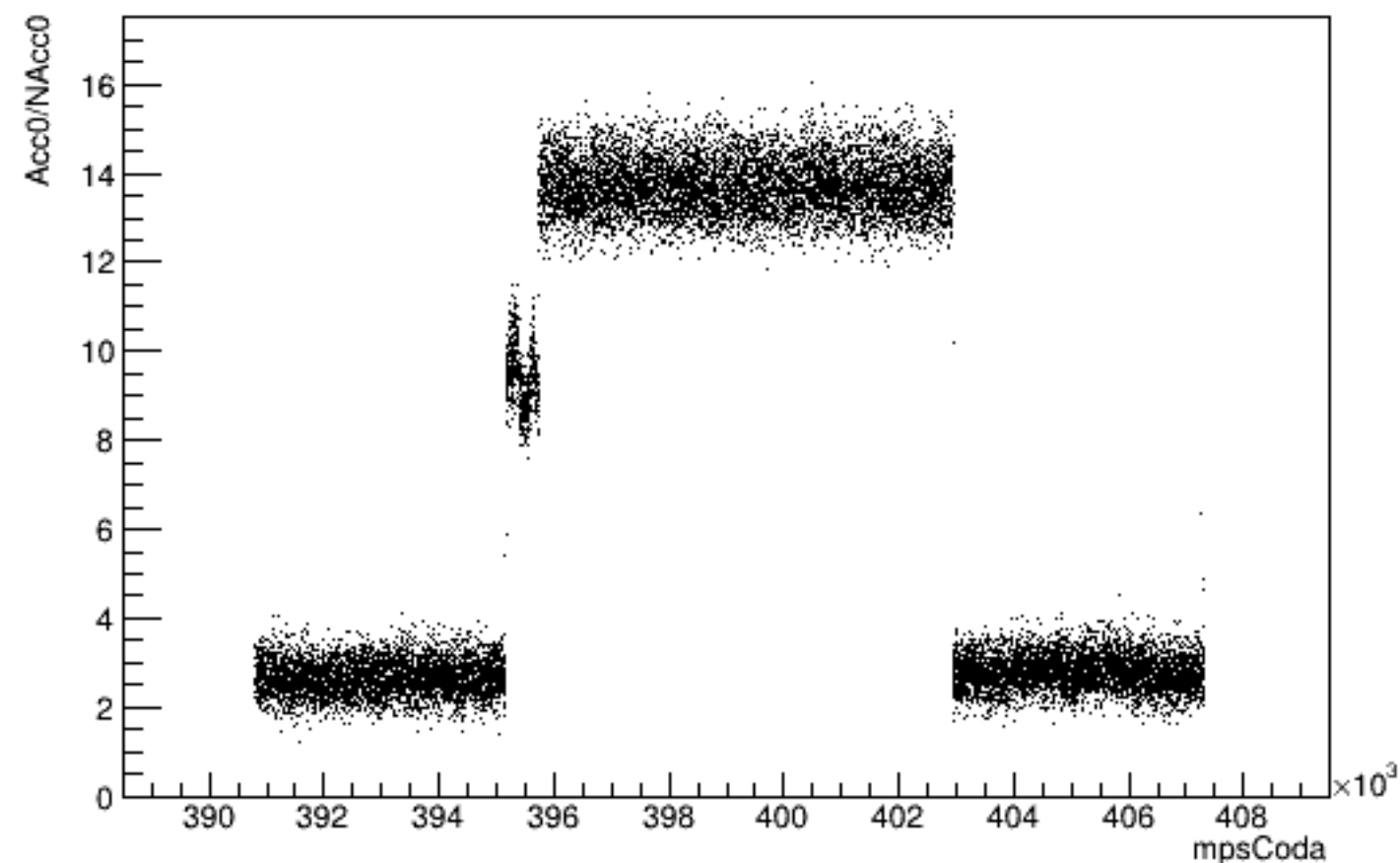
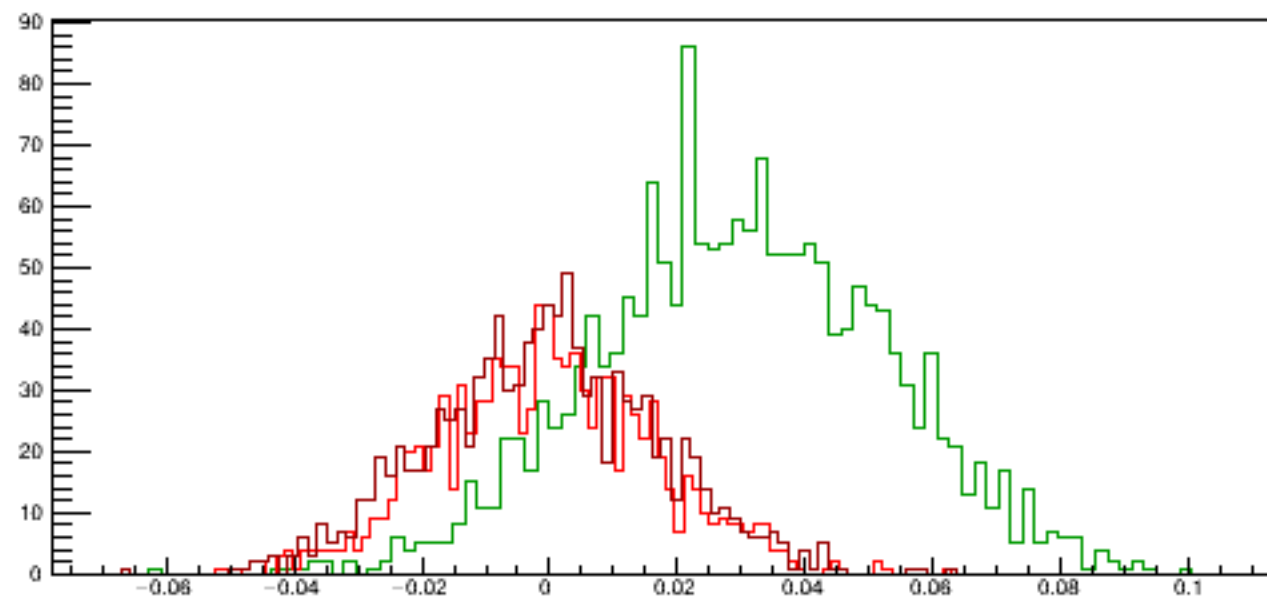
Std Dev: 0.0228 +/- 0.0004

Entries: 1084

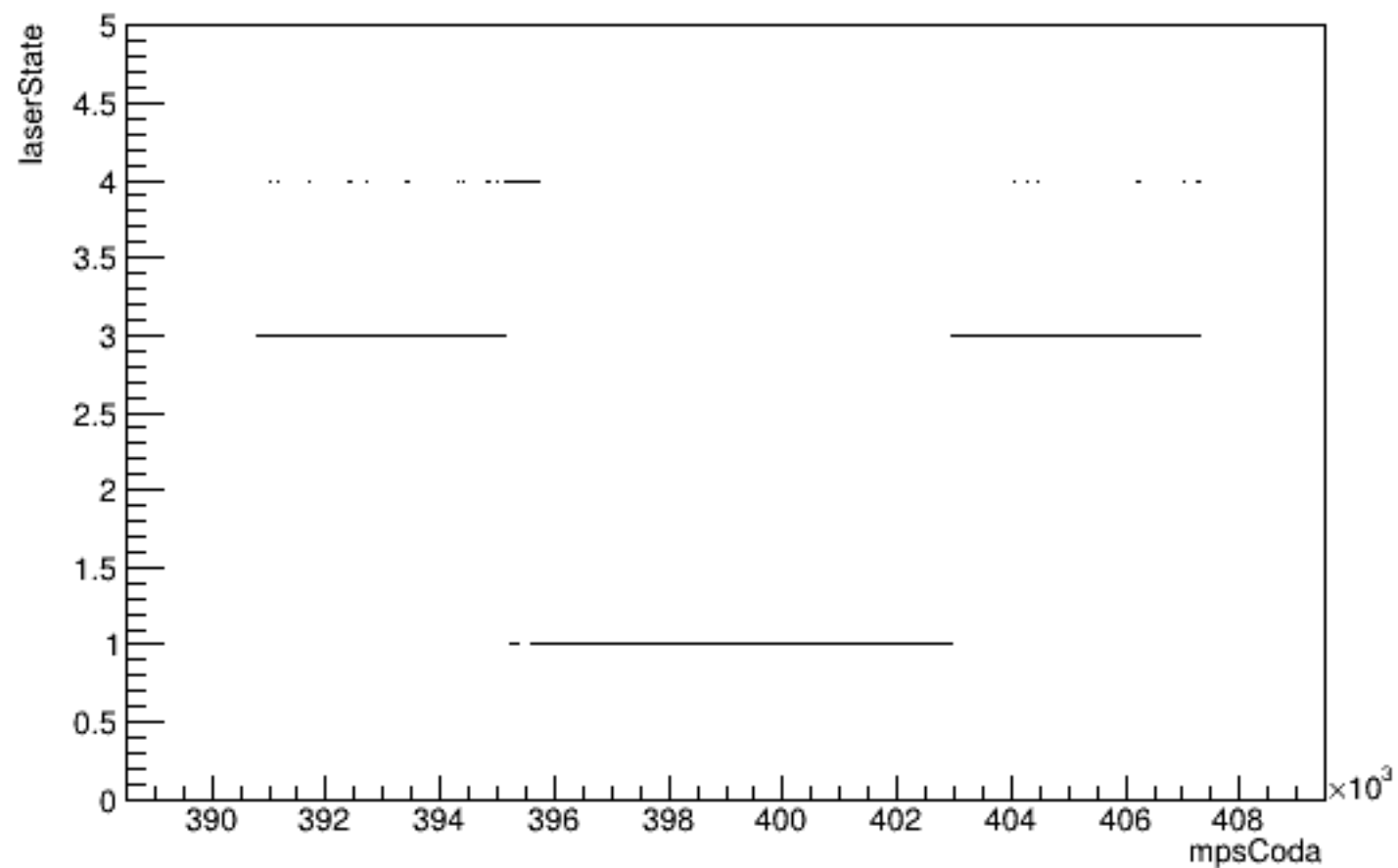
Mean: -0.0008 +/- 0.0005

Std Dev: 0.0178 +/- 0.0004

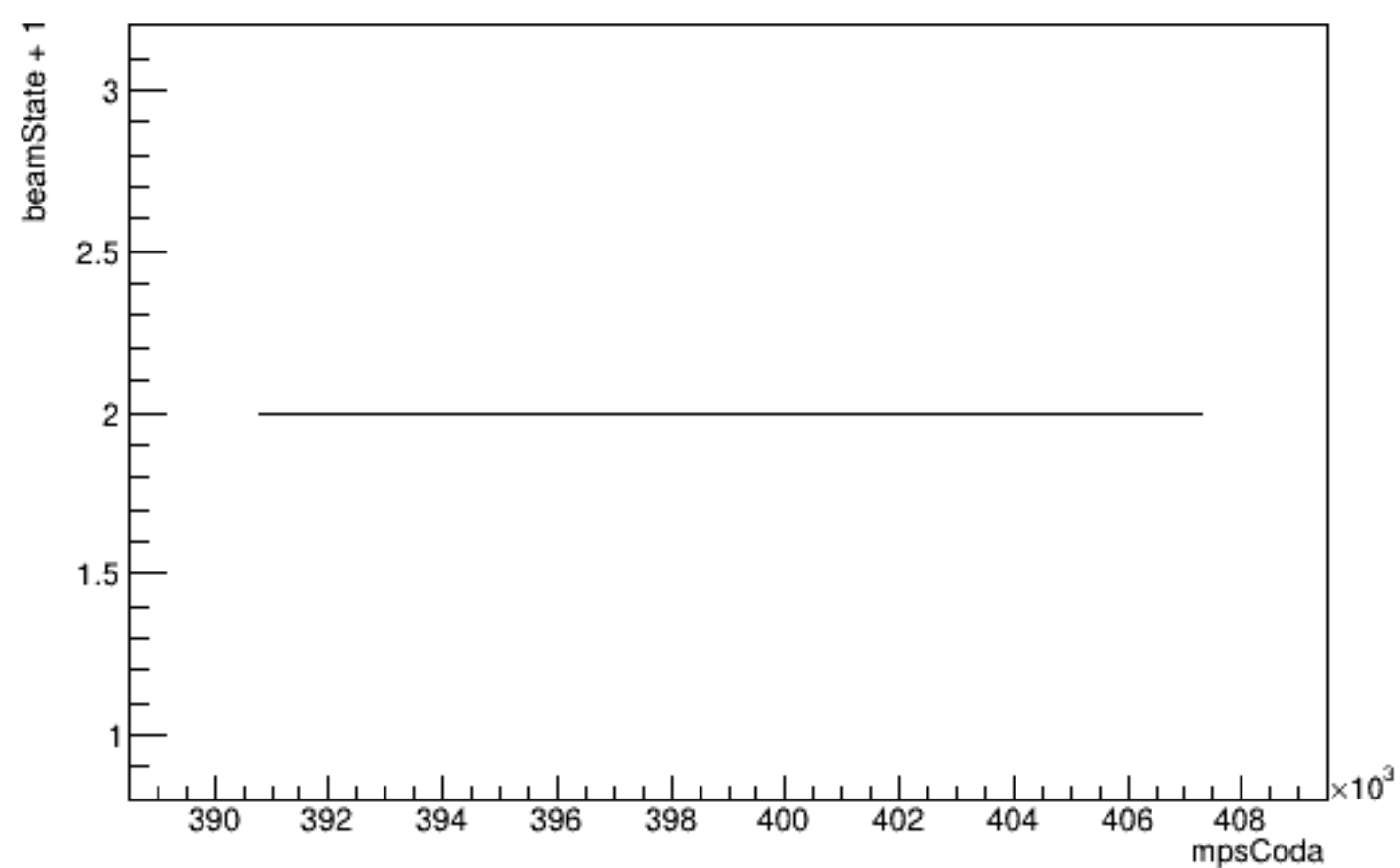
Run 6074 quartetwise, Asyms



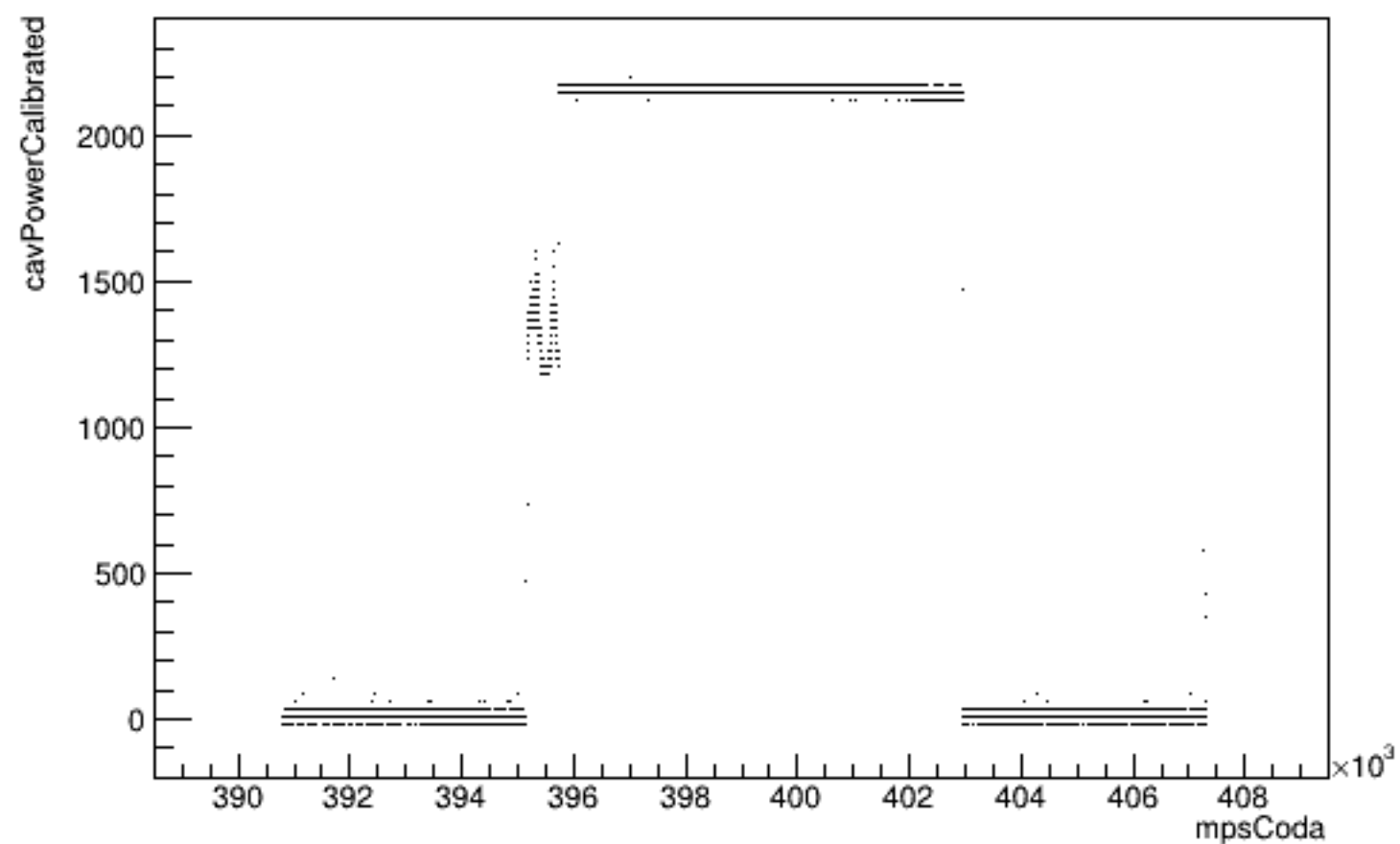
laserState:mpsCoda {mpsCoda>=390803 && mpsCoda<=407314}



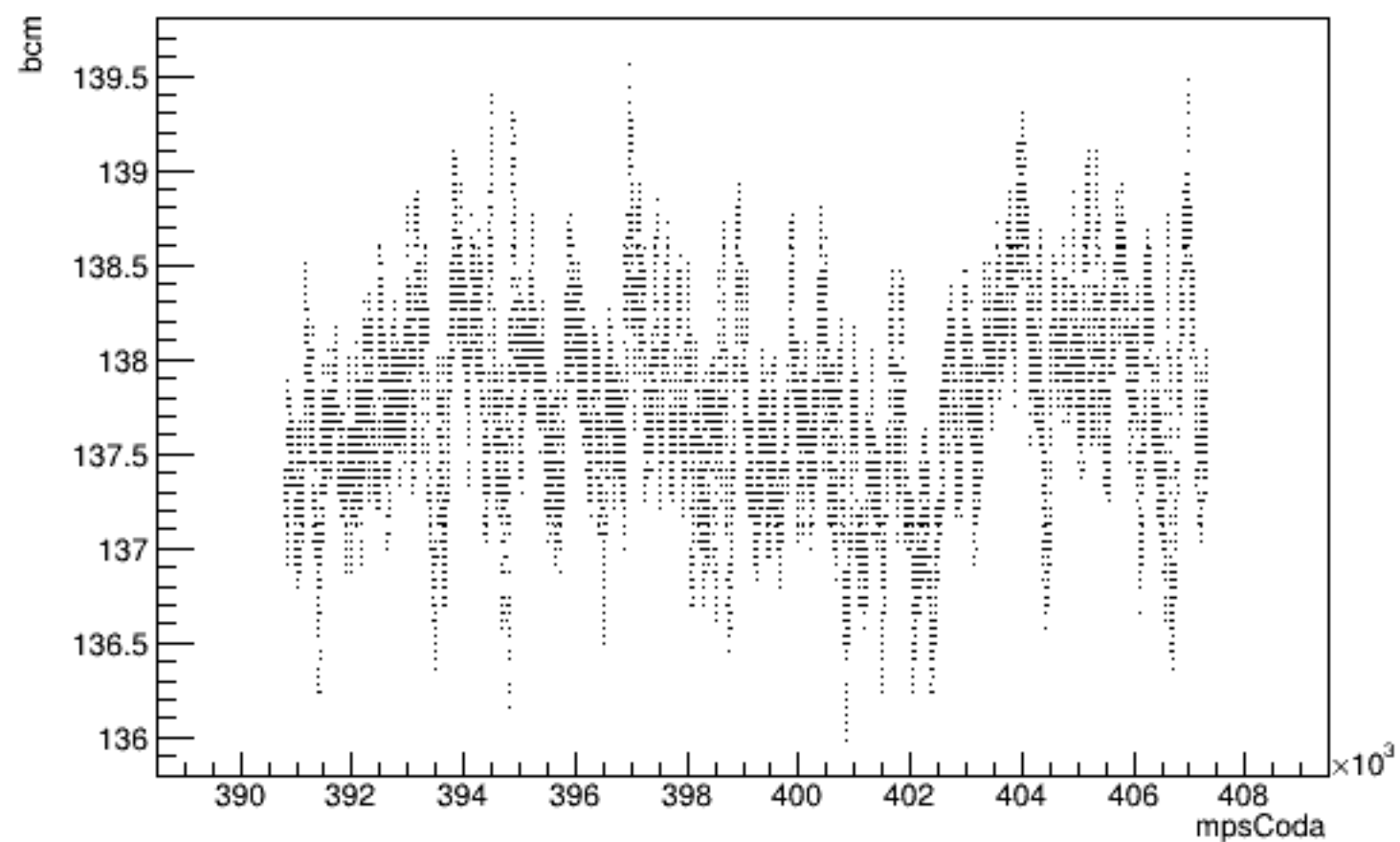
beamState + 1:mpsCoda {mpsCoda>=390803 && mpsCoda<=407314}



cavPowerCalibrated:mpsCoda {mpsCoda>=390803 && mpsCoda<=407314}



bcm:mpsCoda {mpsCoda>=390803 && mpsCoda<=407314}



Cycle 17, Diffs

Entries: 1084

Mean: -0.0180 +/- 0.0119

Std Dev: 0.3908 +/- 0.0084

Entries: 1801

Mean: 0.6948 +/- 0.0117

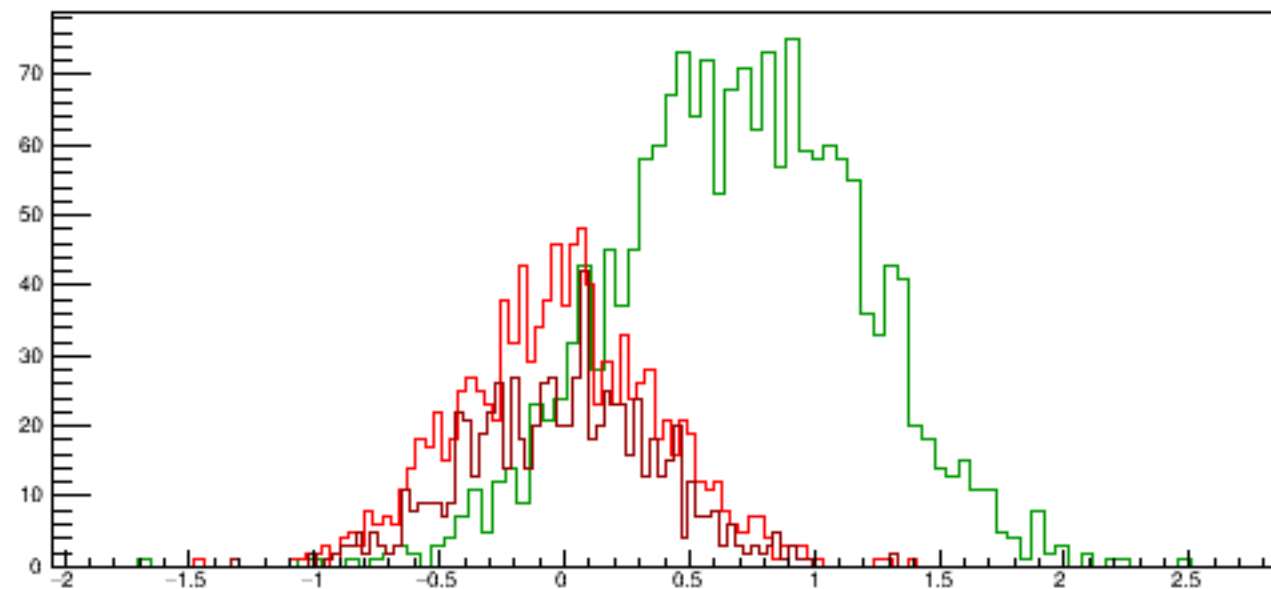
Std Dev: 0.4952 +/- 0.0083

Entries: 773

Mean: -0.0075 +/- 0.0137

Std Dev: 0.3819 +/- 0.0097

Run 6074 quartetwise, Diffs



Cycle 17, Sums

Entries: 1084

Mean: 5.6139 +/- 0.0127

Std Dev: 0.4174 +/- 0.0090

Entries: 1801

Mean: 27.5669 +/- 0.0128

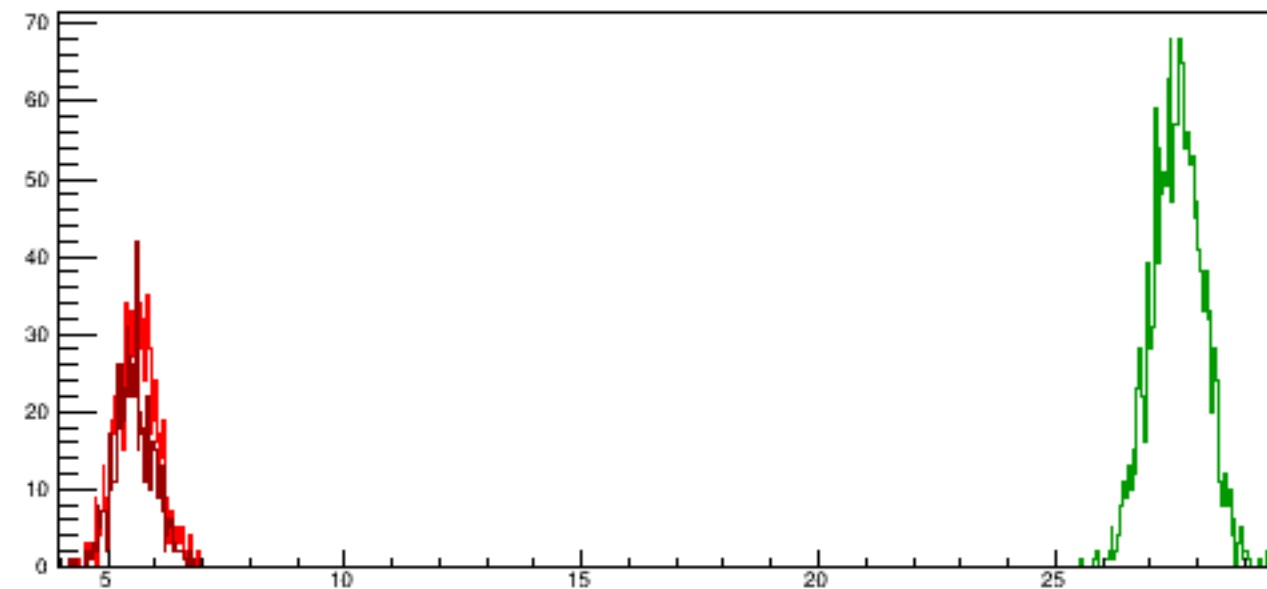
Std Dev: 0.5446 +/- 0.0091

Entries: 773

Mean: 5.5674 +/- 0.0151

Std Dev: 0.4194 +/- 0.0107

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=402943 && mpsCoda<=422102 && beamState==1)

Cycle 17, Asyms

Entries: 1084

Mean: -0.0008 +/- 0.0005

Std Dev: 0.0178 +/- 0.0004

Entries: 1801

Mean: 0.0316 +/- 0.0005

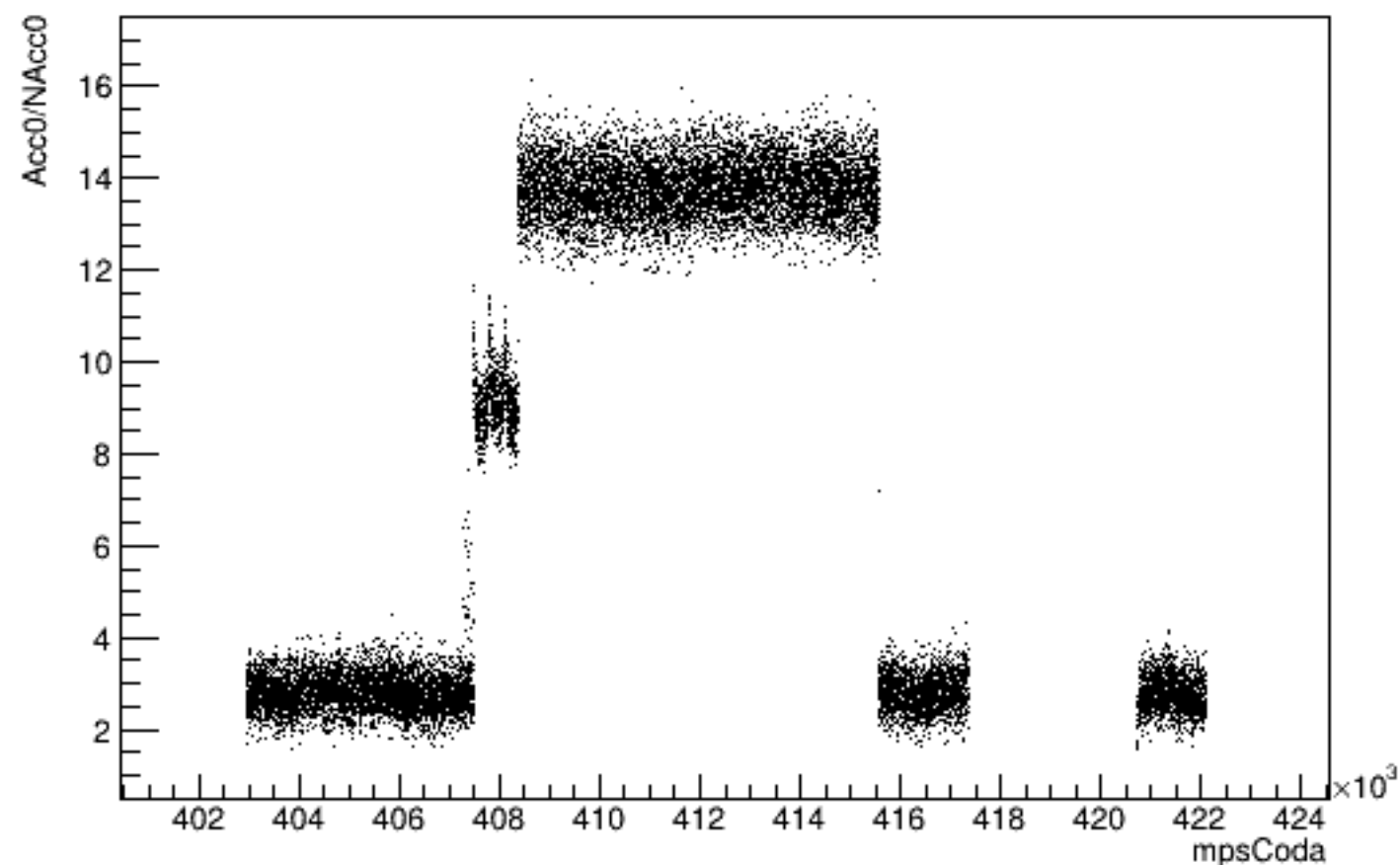
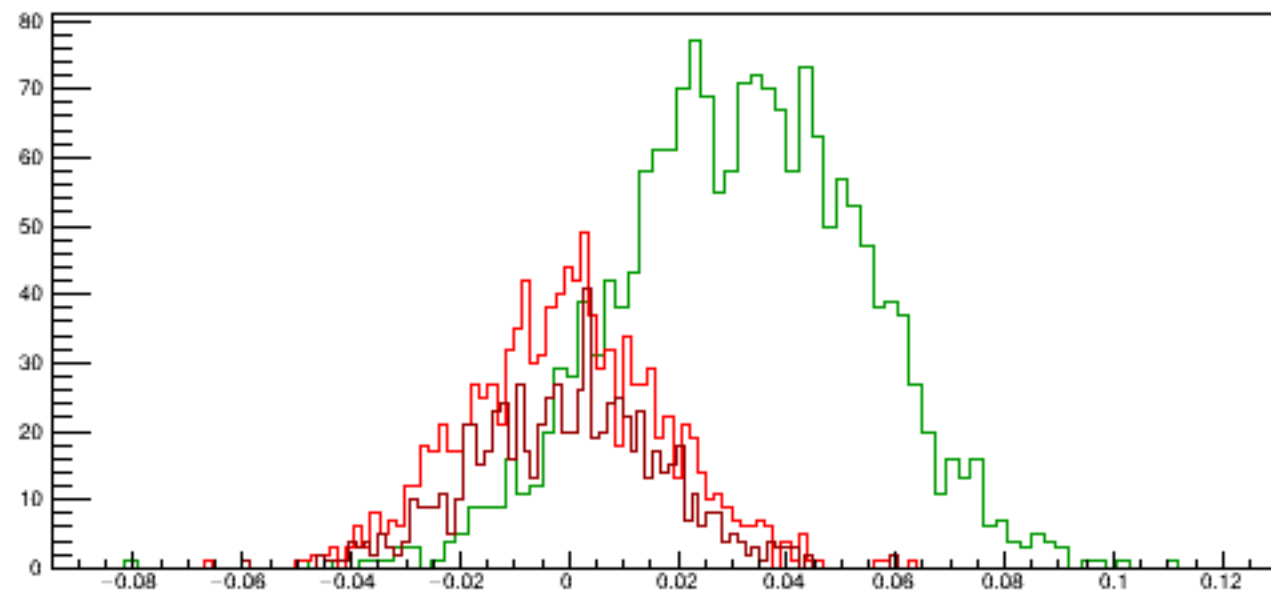
Std Dev: 0.0225 +/- 0.0004

Entries: 773

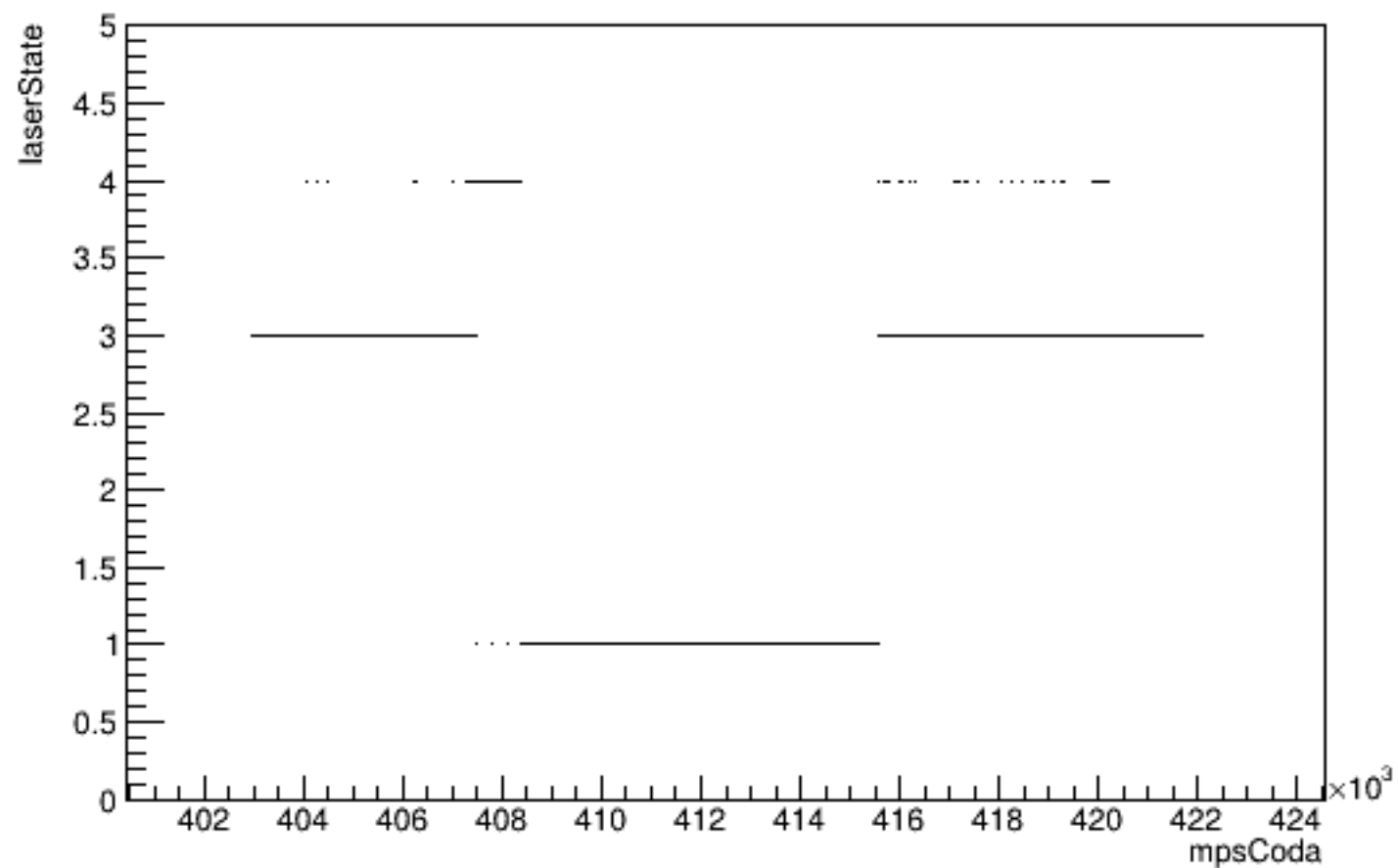
Mean: -0.0003 +/- 0.0006

Std Dev: 0.0174 +/- 0.0004

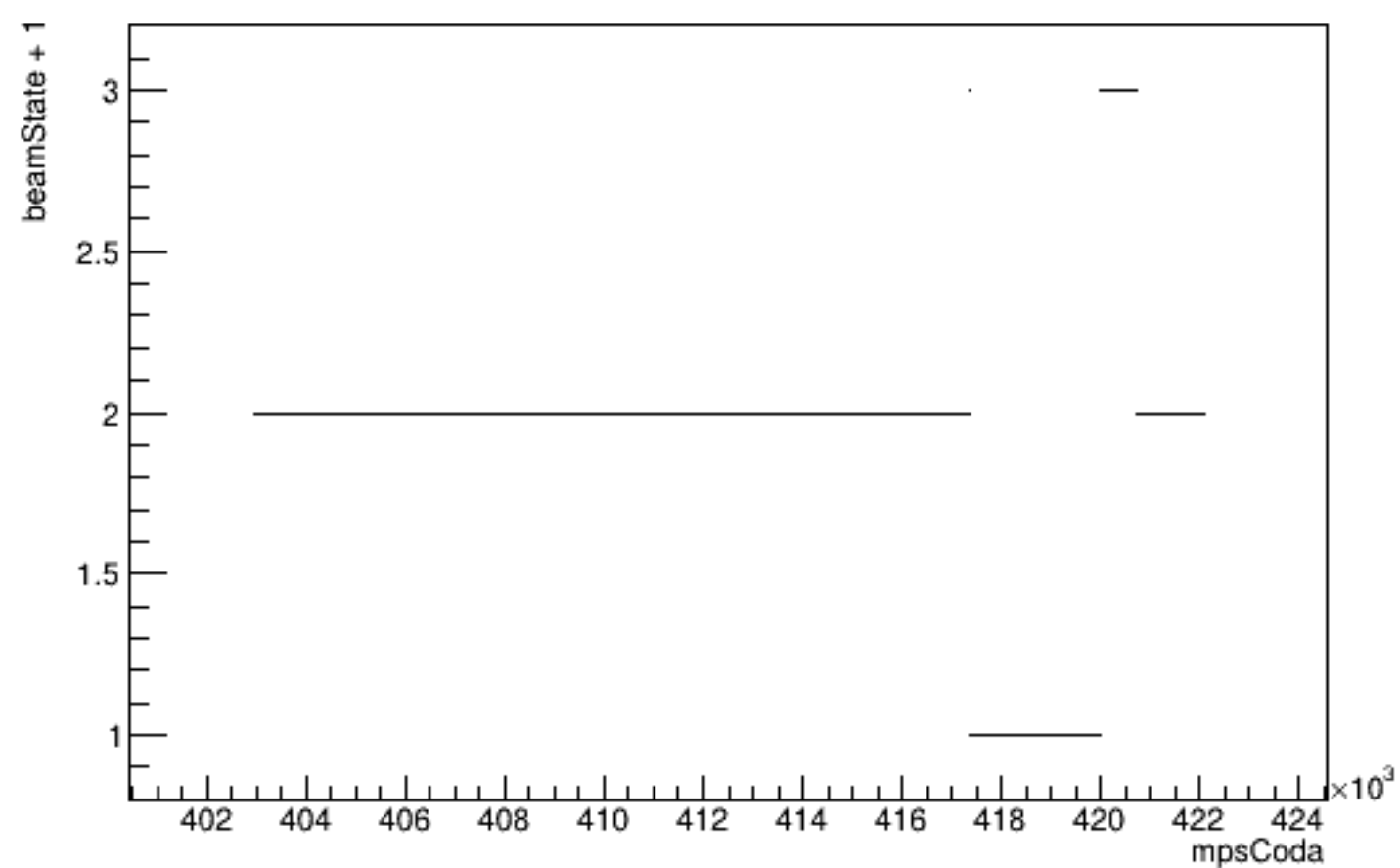
Run 6074 quartetwise, Asyms



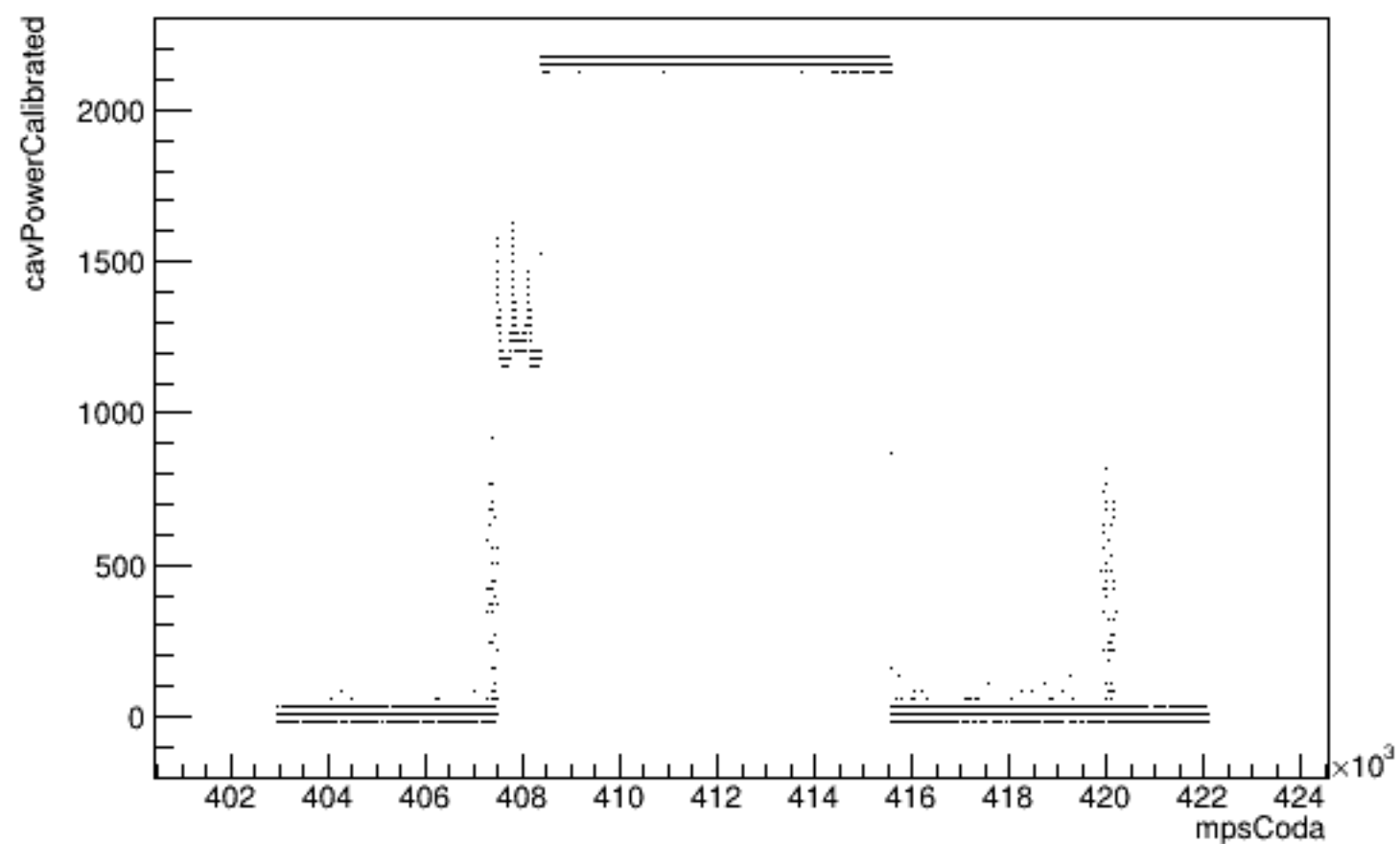
laserState:mpsCoda {mpsCoda>=402943 && mpsCoda<=422102}



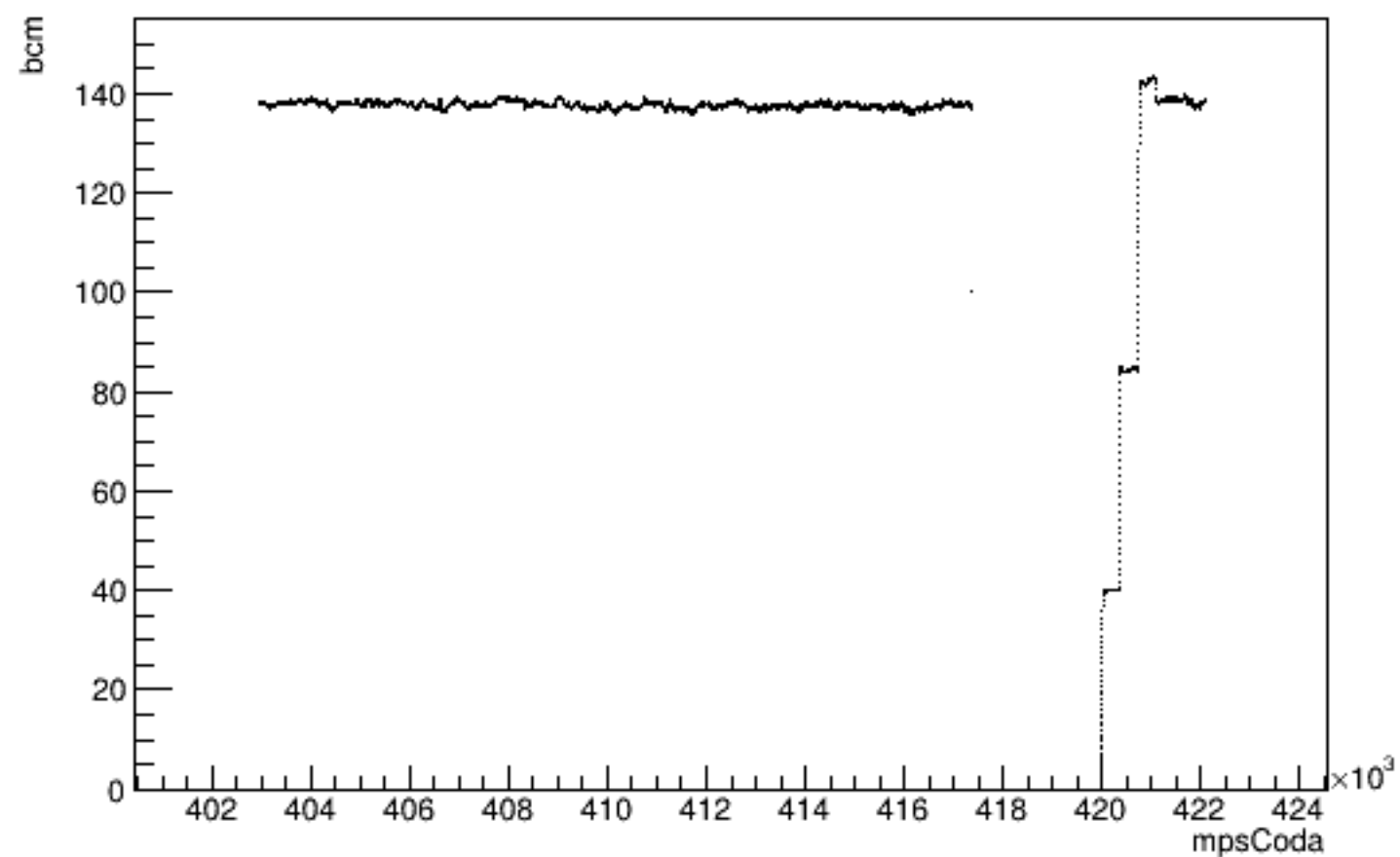
beamState + 1:mpsCoda {mpsCoda>=402943 && mpsCoda<=422102}



cavPowerCalibrated:mpsCoda {mpsCoda>=402943 && mpsCoda<=422102}



bcm:mpsCoda {mpsCoda>=402943 && mpsCoda<=422102}



Cycle 18, Diffs

Entries: 773

Mean: -0.0075 +/- 0.0137

Std Dev: 0.3819 +/- 0.0097

Entries: 1840

Mean: 0.6689 +/- 0.0113

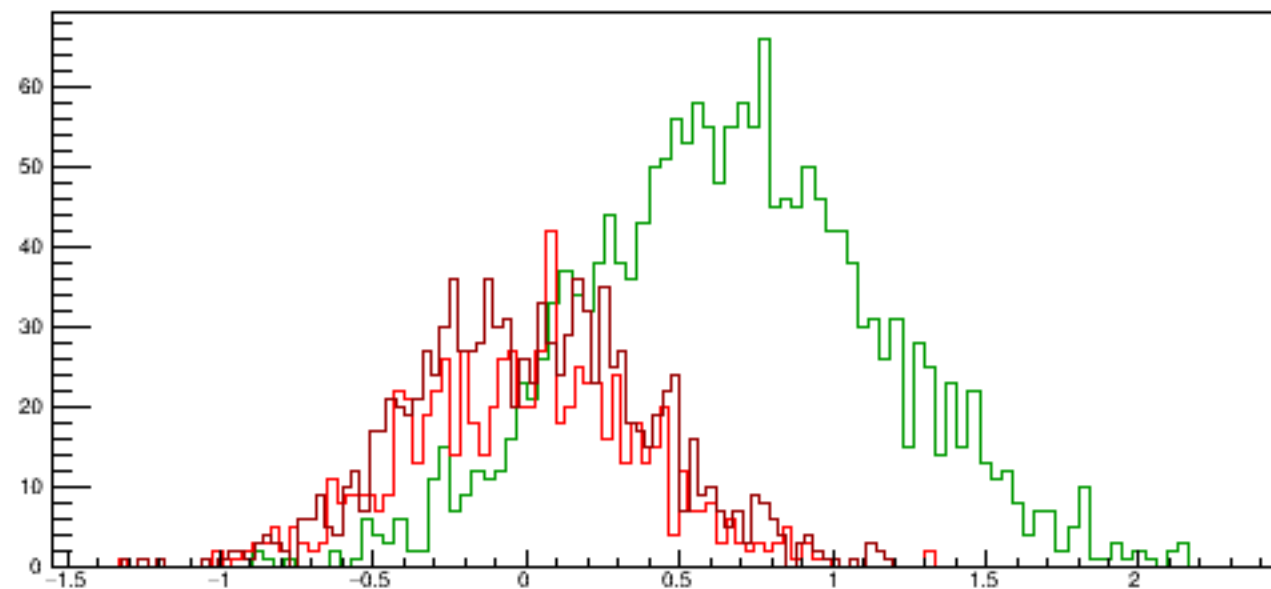
Std Dev: 0.4857 +/- 0.0080

Entries: 1077

Mean: 0.0148 +/- 0.0120

Std Dev: 0.3926 +/- 0.0085

Run 6074 quartetwise, Diffs



Cycle 18, Sums

Entries: 773

Mean: 5.5674 +/- 0.0151

Std Dev: 0.4194 +/- 0.0107

Entries: 1840

Mean: 27.2568 +/- 0.0247

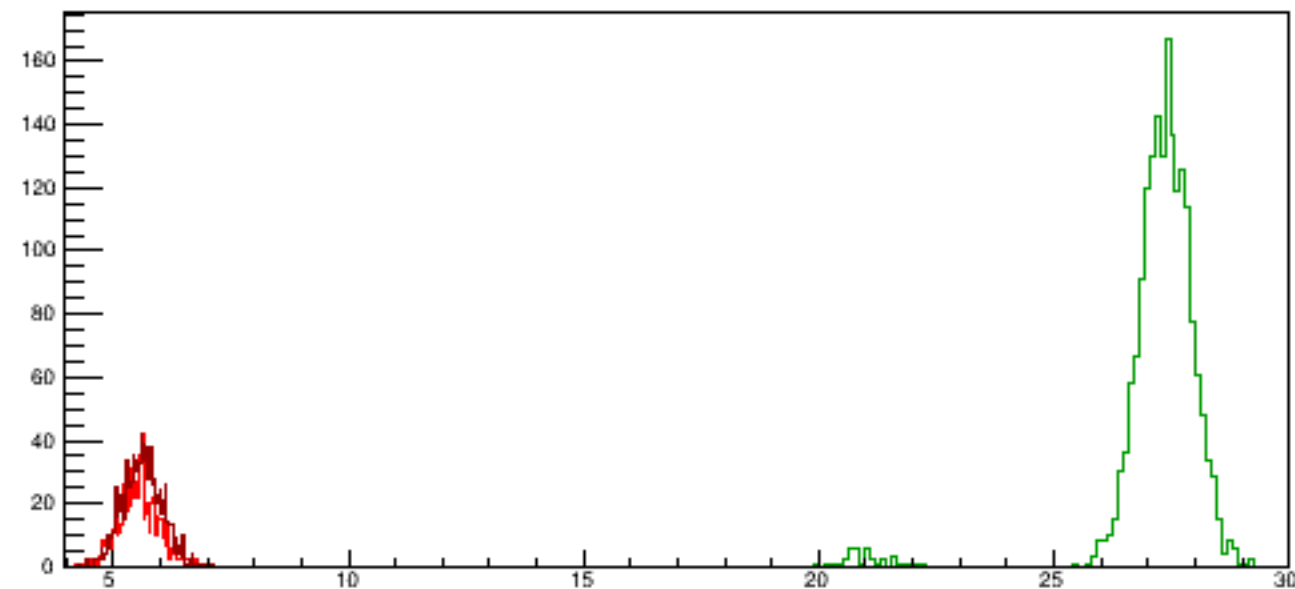
Std Dev: 1.0611 +/- 0.0175

Entries: 1077

Mean: 5.6213 +/- 0.0126

Std Dev: 0.4134 +/- 0.0089

Run 6074 quartetwise, Sums



Cycle 18, Asyms

Entries: 773

Mean: -0.0003 +/- 0.0006

Std Dev: 0.0176 +/- 0.0004

Entries: 1840

Mean: 0.0309 +/- 0.0005

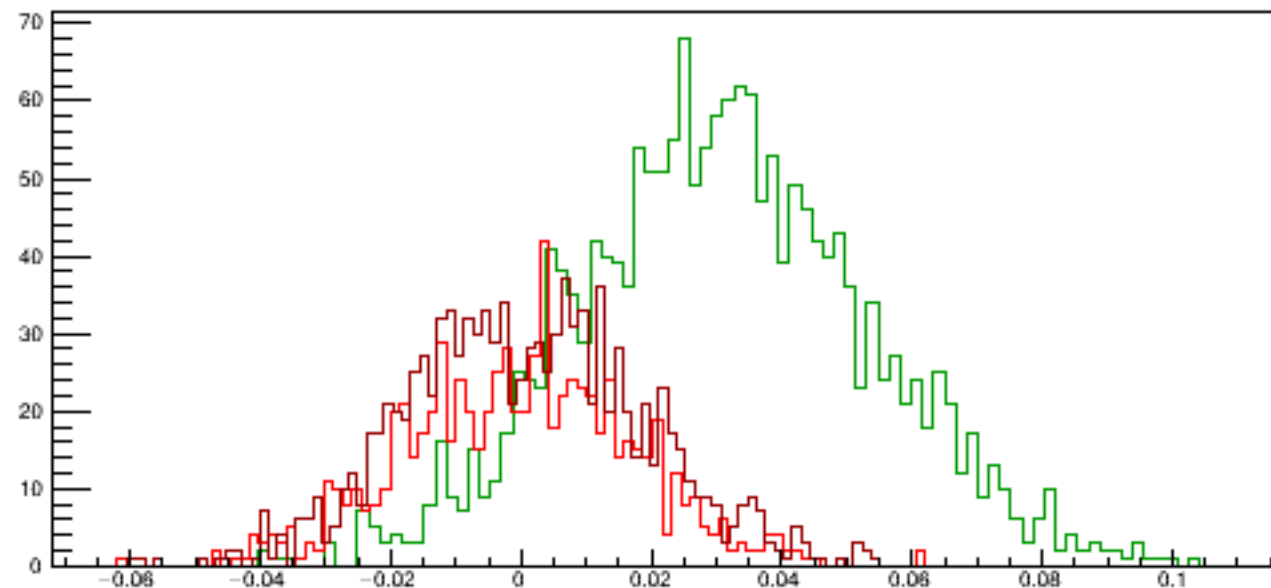
Std Dev: 0.0225 +/- 0.0004

Entries: 1077

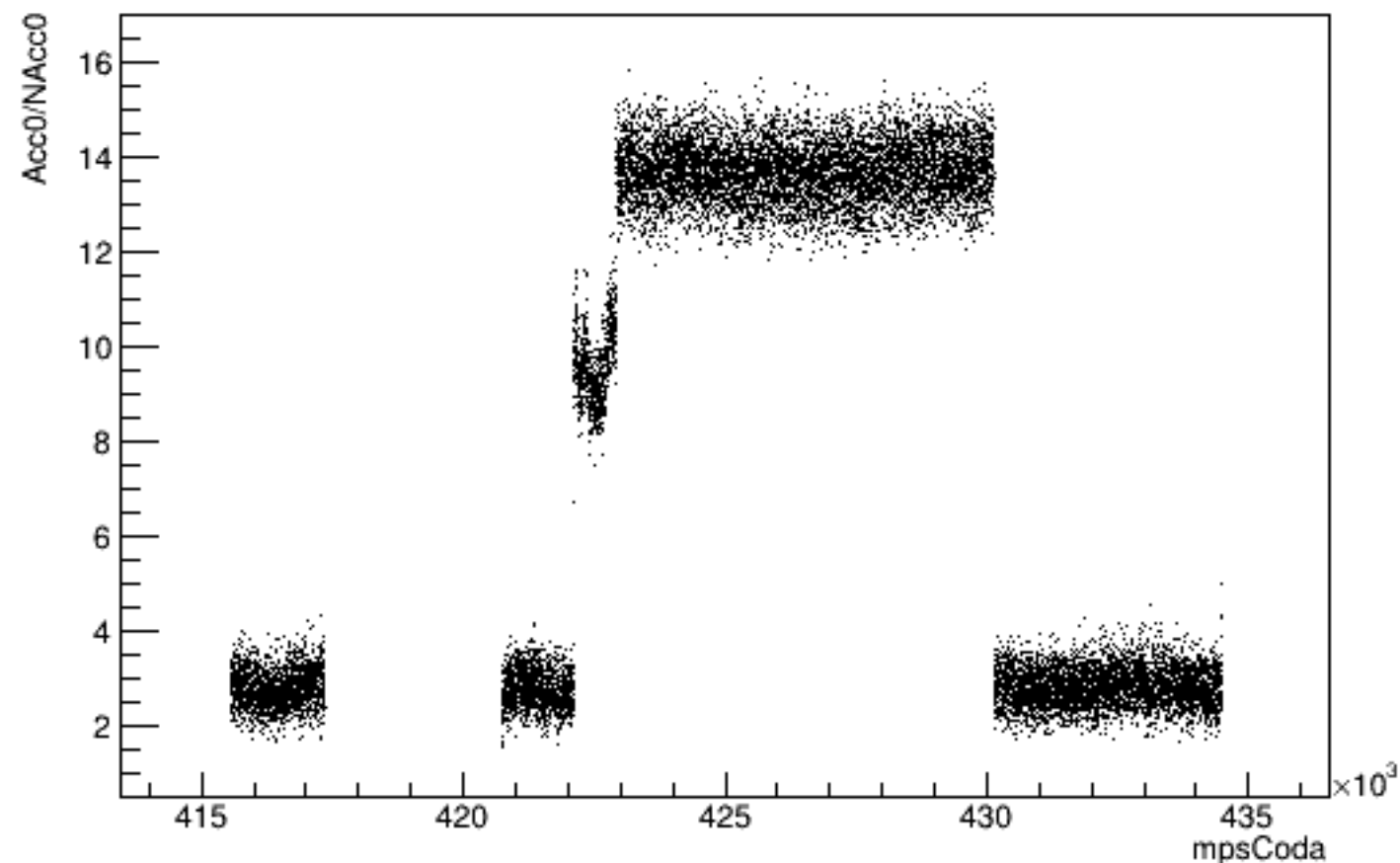
Mean: 0.0007 +/- 0.0006

Std Dev: 0.0181 +/- 0.0004

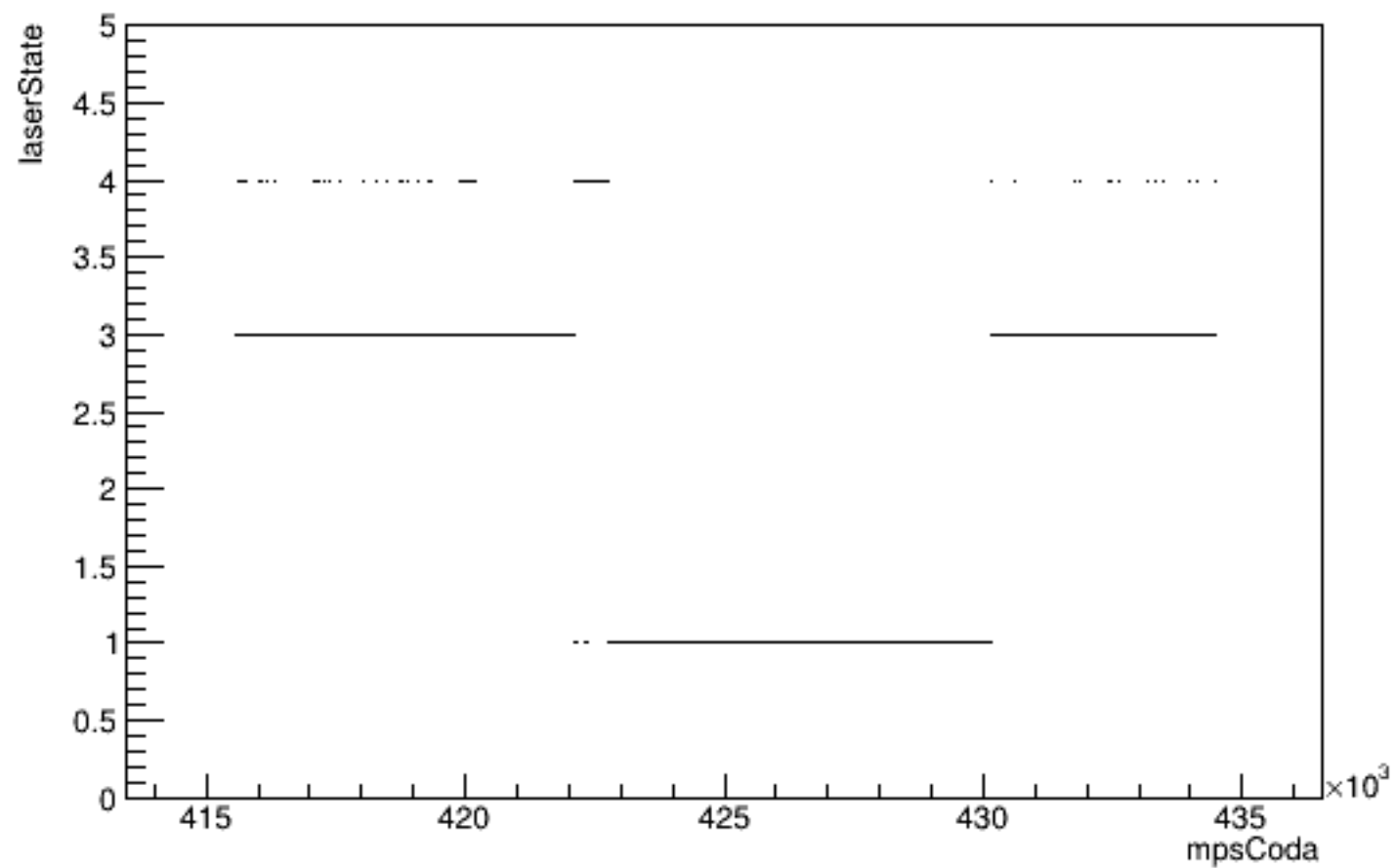
Run 6074 quartetwise, Asyms



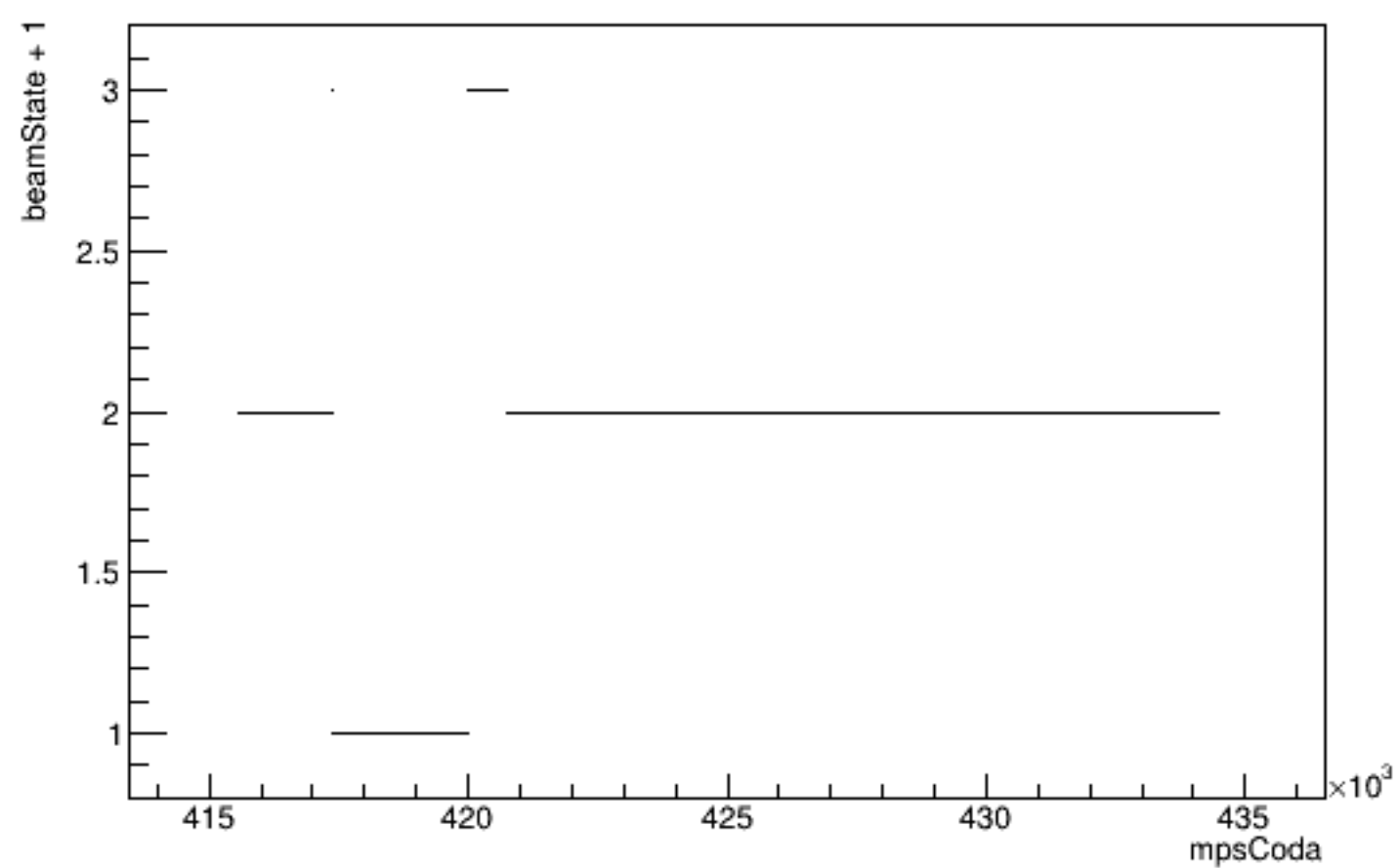
Acc0/NAcc0:mpsCoda (mpsCoda>=415567 && mpsCoda<=434490 && beamState==1)



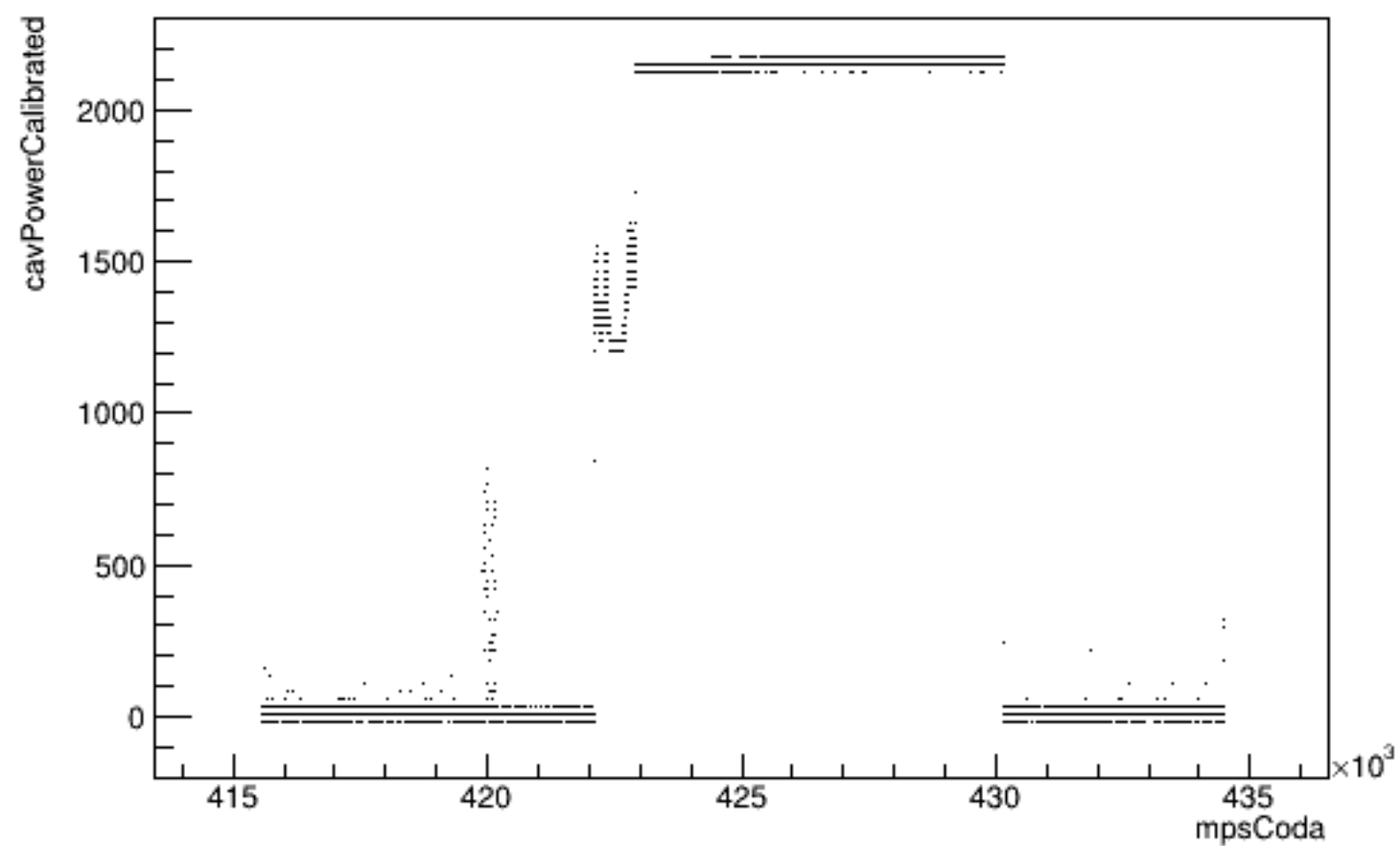
laserState:mpsCoda {mpsCoda>=415567 && mpsCoda<=434490}



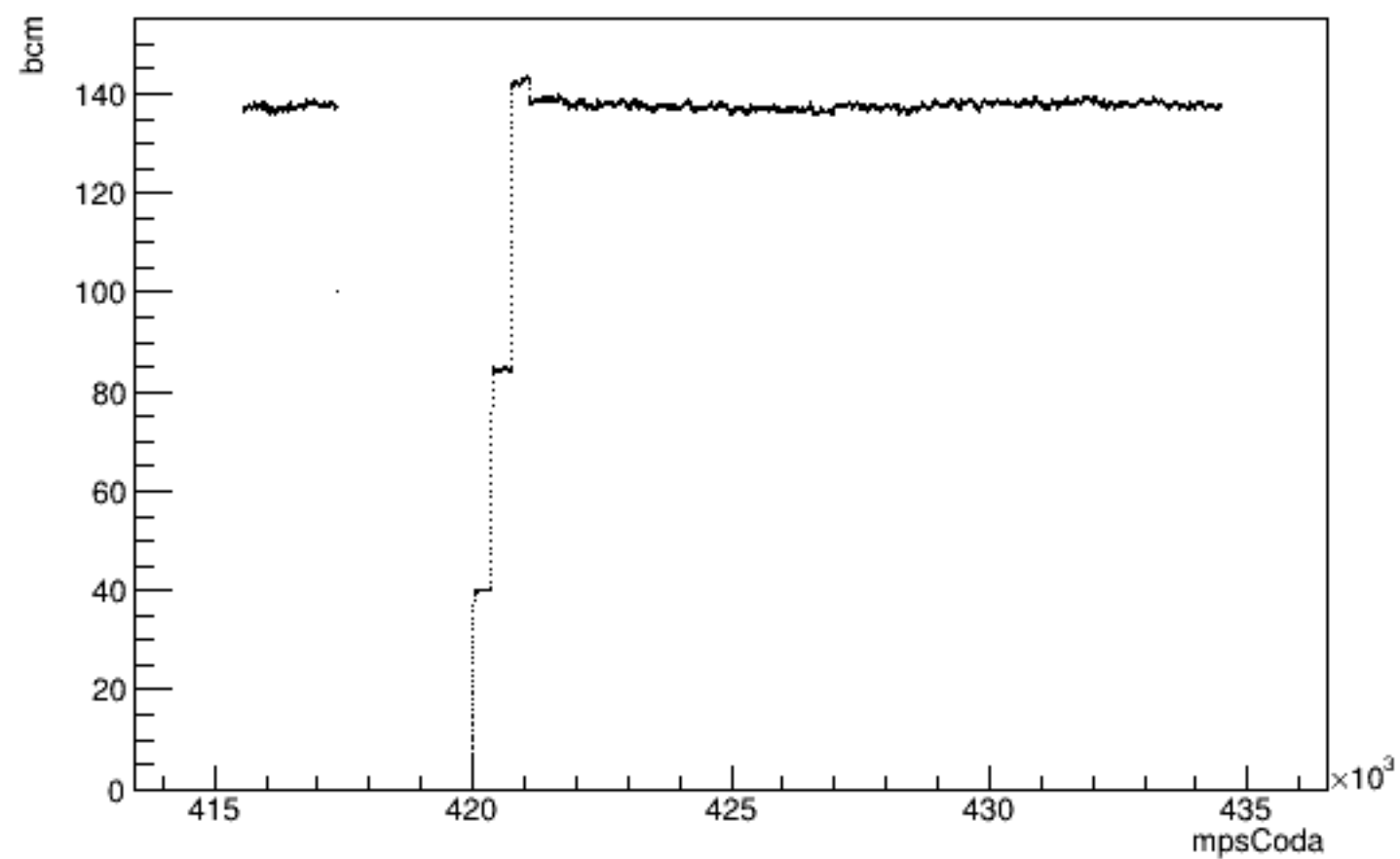
beamState + 1:mpsCoda {mpsCoda>=415567 && mpsCoda<=434490}



cavPowerCalibrated:mpsCoda {mpsCoda>=415567 && mpsCoda<=434490}



bcm:mpsCoda {mpsCoda>=415567 && mpsCoda<=434490}



Cycle 19, Diffs

Entries: 1068

Mean: 0.0084 +/- 0.0116

Std Dev: 0.3794 +/- 0.0082

Entries: 1801

Mean: 0.7009 +/- 0.0114

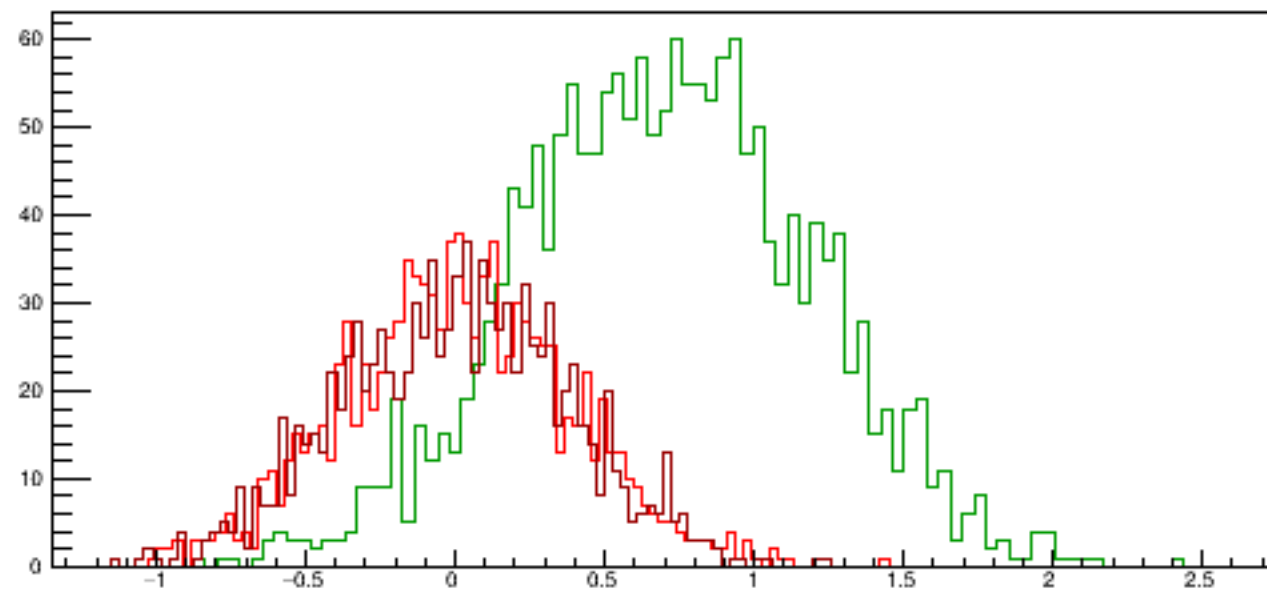
Std Dev: 0.4857 +/- 0.0081

Entries: 1060

Mean: -0.0010 +/- 0.0117

Std Dev: 0.3818 +/- 0.0083

Run 6074 quartetwise, Diffs



Cycle 19, Sums

Entries: 1068

Mean: 5.6094 +/- 0.0125

Std Dev: 0.4073 +/- 0.0088

Entries: 1801

Mean: 27.4417 +/- 0.0129

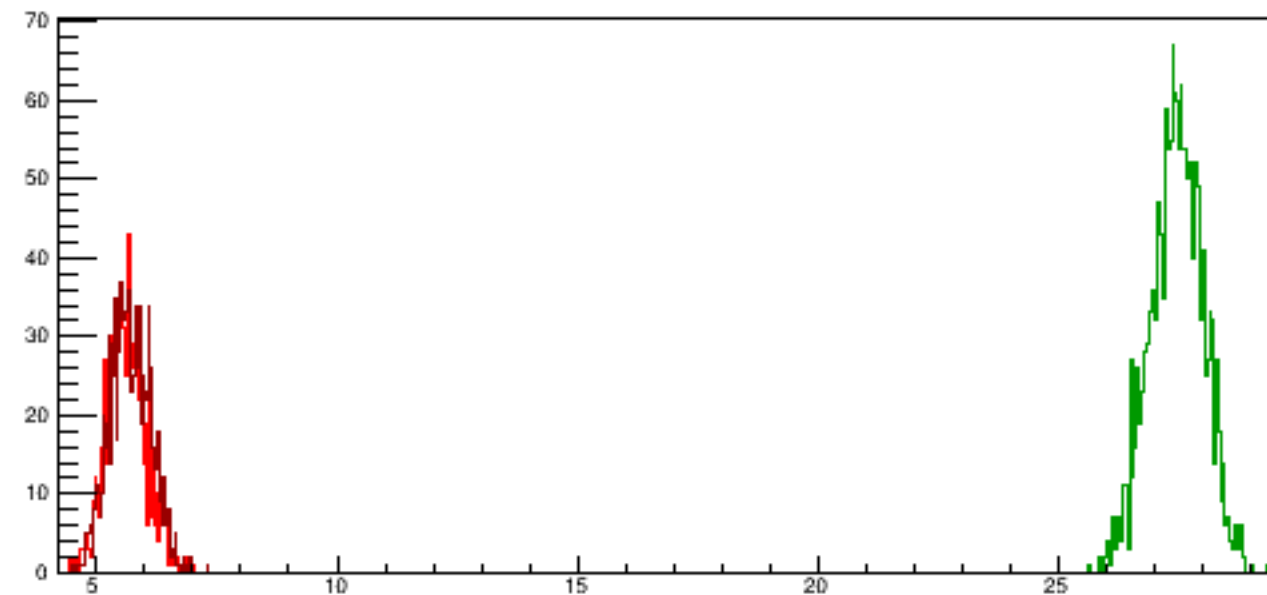
Std Dev: 0.5477 +/- 0.0091

Entries: 1060

Mean: 5.7032 +/- 0.0128

Std Dev: 0.4178 +/- 0.0091

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=504667 && mpsCoda<=521158 && beamState==1)

Cycle 19, Asyms

Entries: 1068

Mean: 0.0004 +/- 0.0005

Std Dev: 0.0174 +/- 0.0004

Entries: 1801

Mean: 0.0321 +/- 0.0005

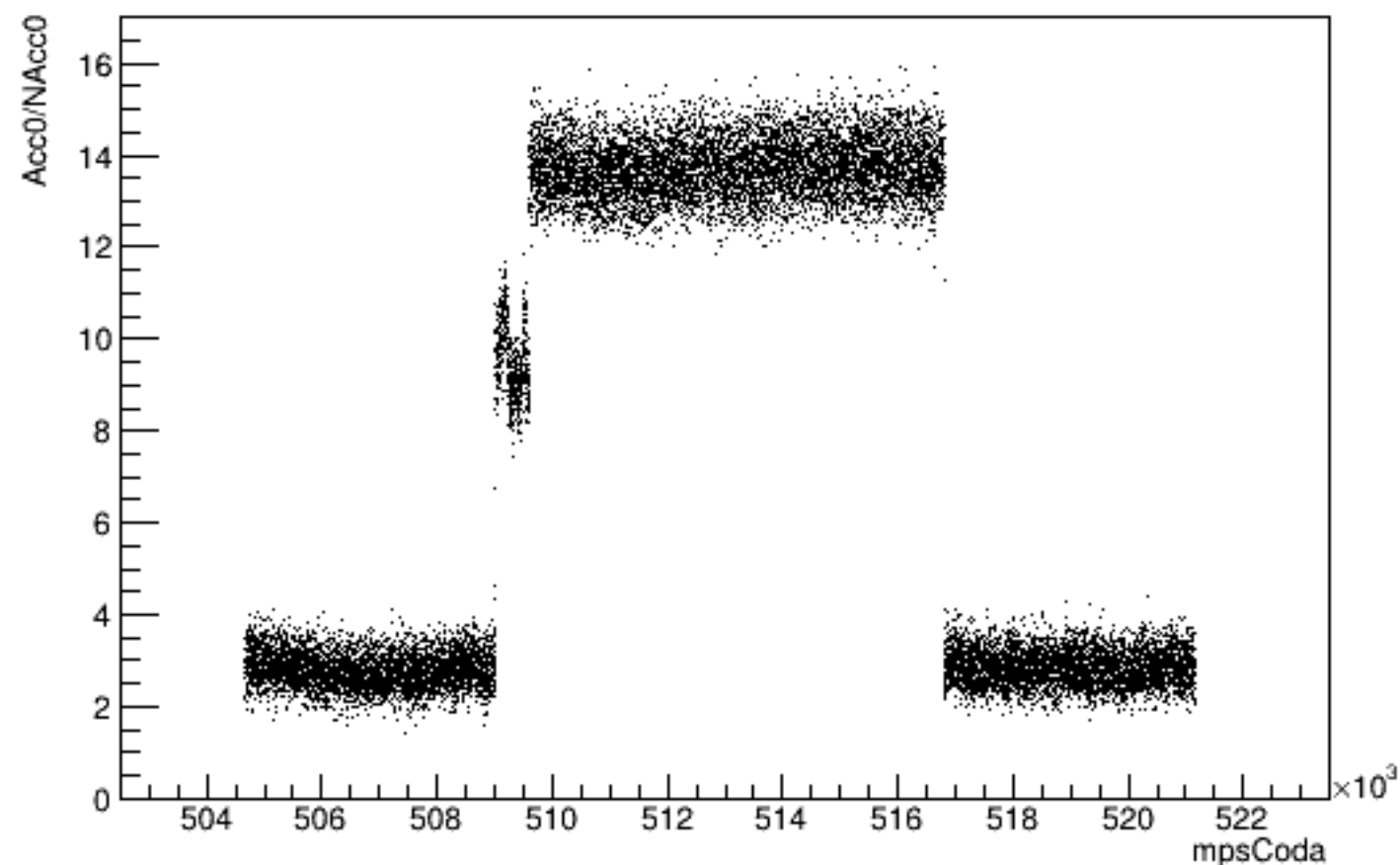
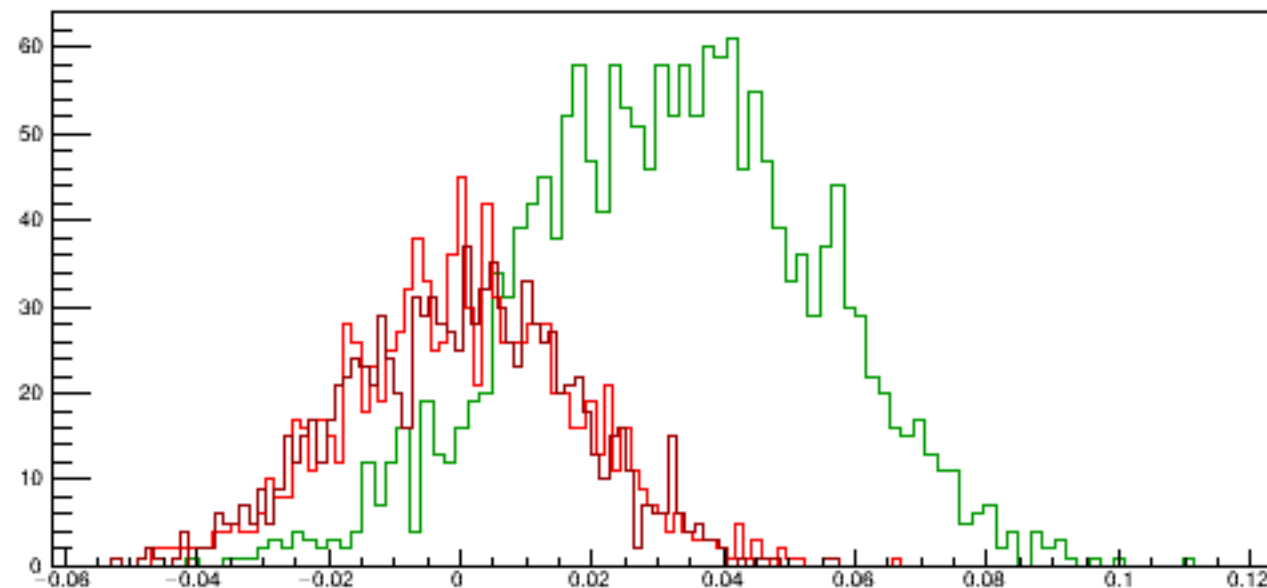
Std Dev: 0.0222 +/- 0.0004

Entries: 1060

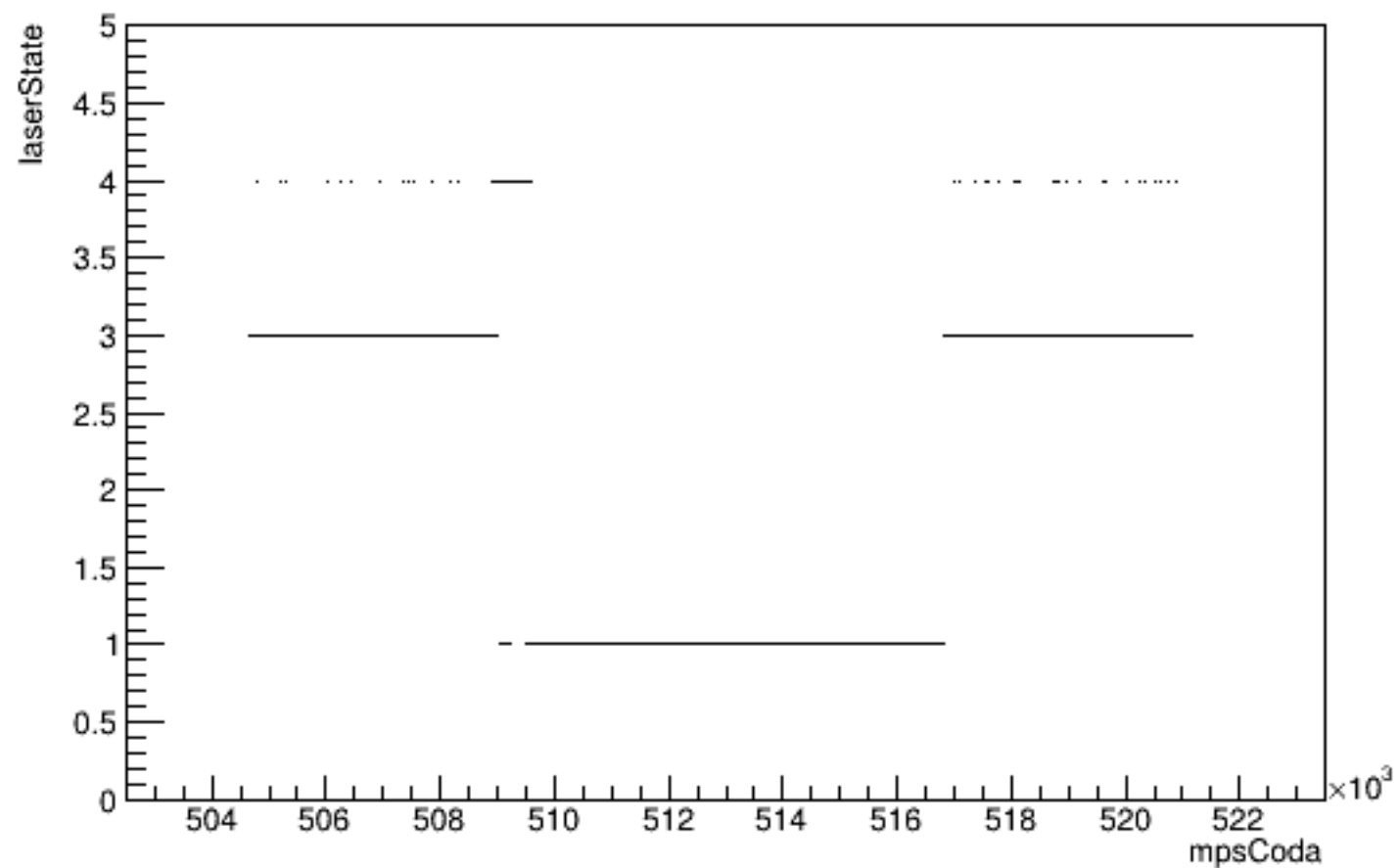
Mean: -0.0000 +/- 0.0005

Std Dev: 0.0175 +/- 0.0004

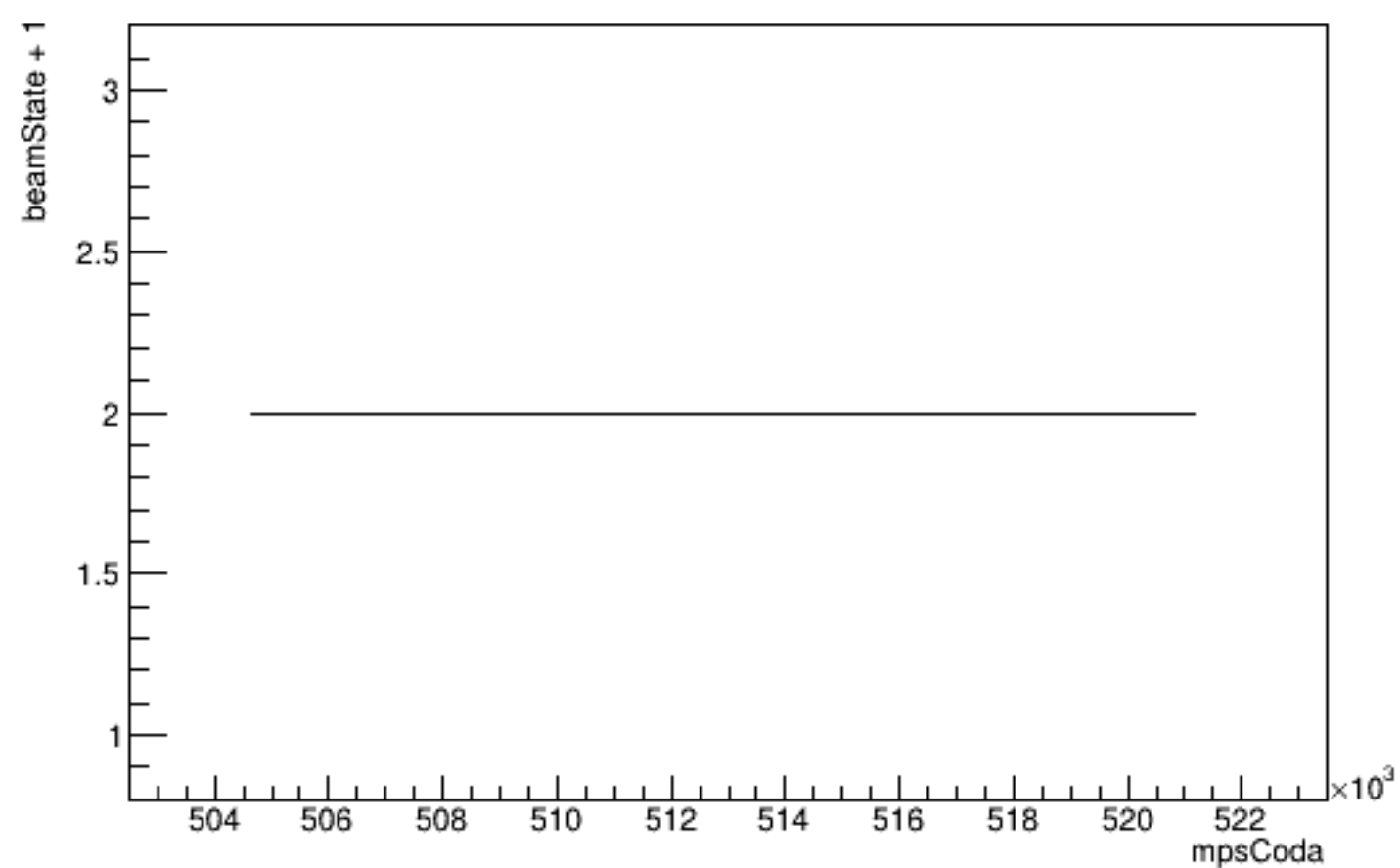
Run 6074 quartetwise, Asyms



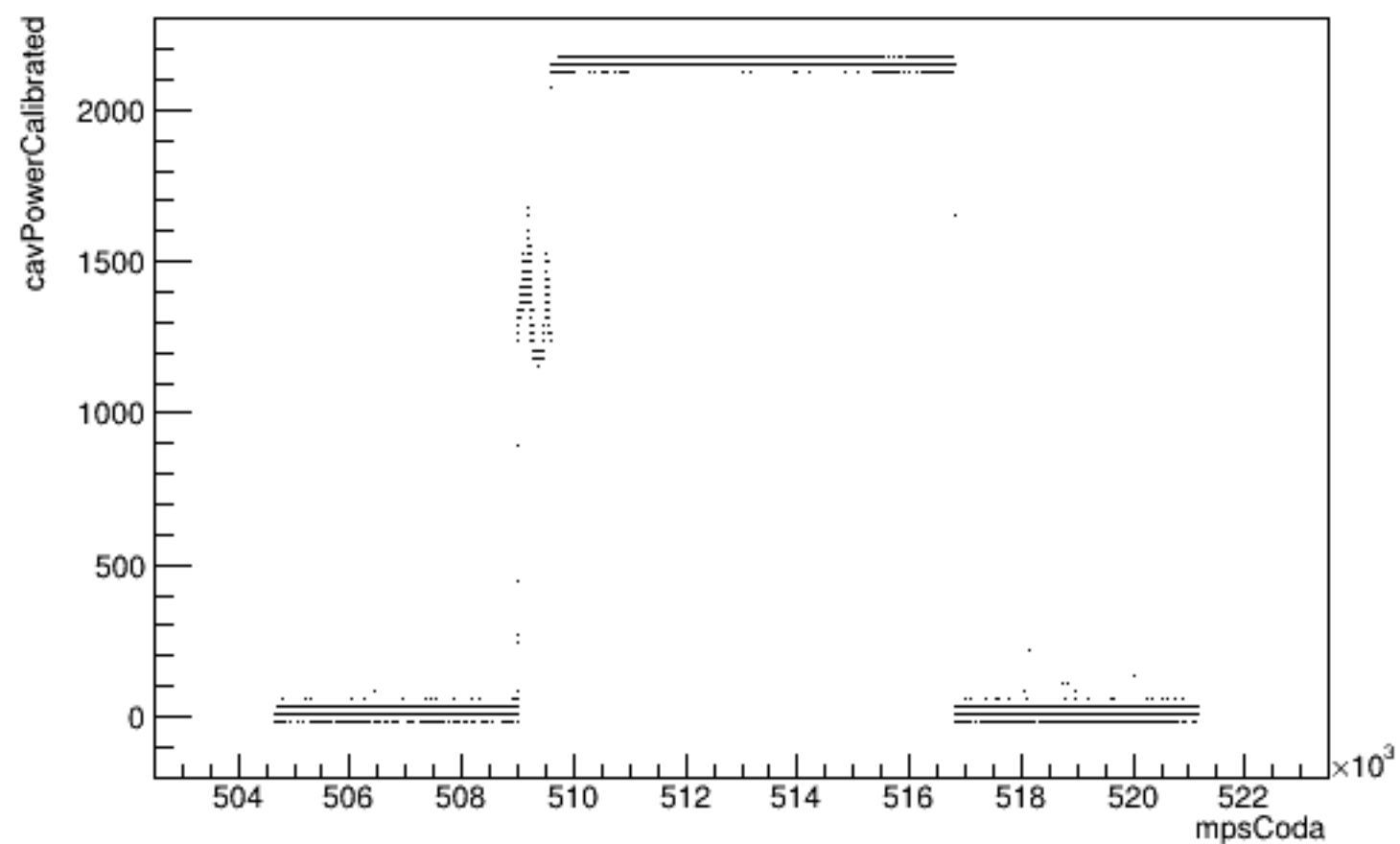
laserState:mpsCoda {mpsCoda>=504667 && mpsCoda<=521158}



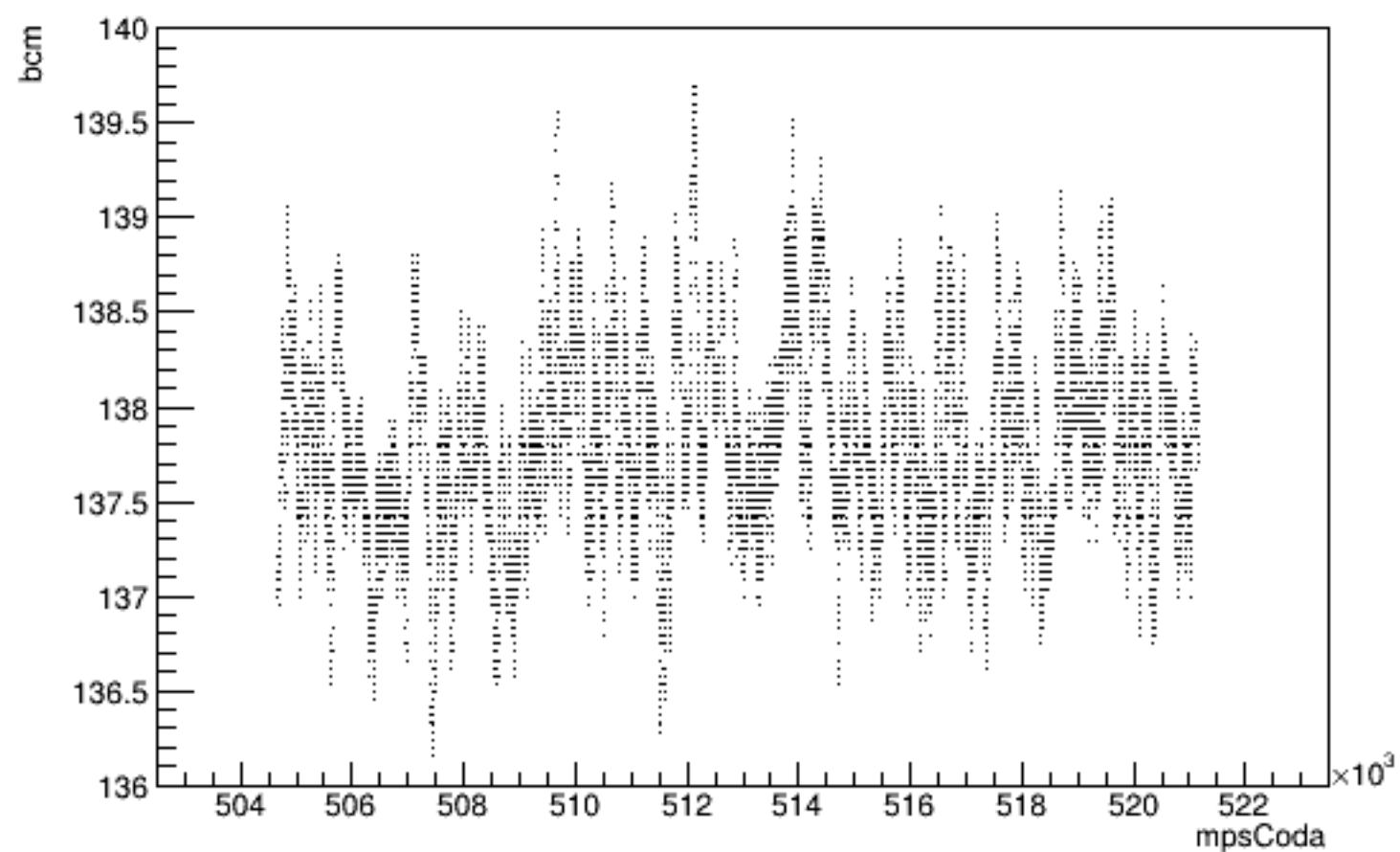
beamState + 1:mpsCoda {mpsCoda>=504667 && mpsCoda<=521158}



cavPowerCalibrated:mpsCoda {mpsCoda>=504667 && mpsCoda<=521158}



bcm:mpsCoda {mpsCoda>=504667 && mpsCoda<=521158}



Cycle 20, Diffs

Entries: 1060

Mean: -0.0010 +/- 0.0117

Std Dev: 0.3818 +/- 0.0083

Entries: 1801

Mean: 0.6764 +/- 0.0117

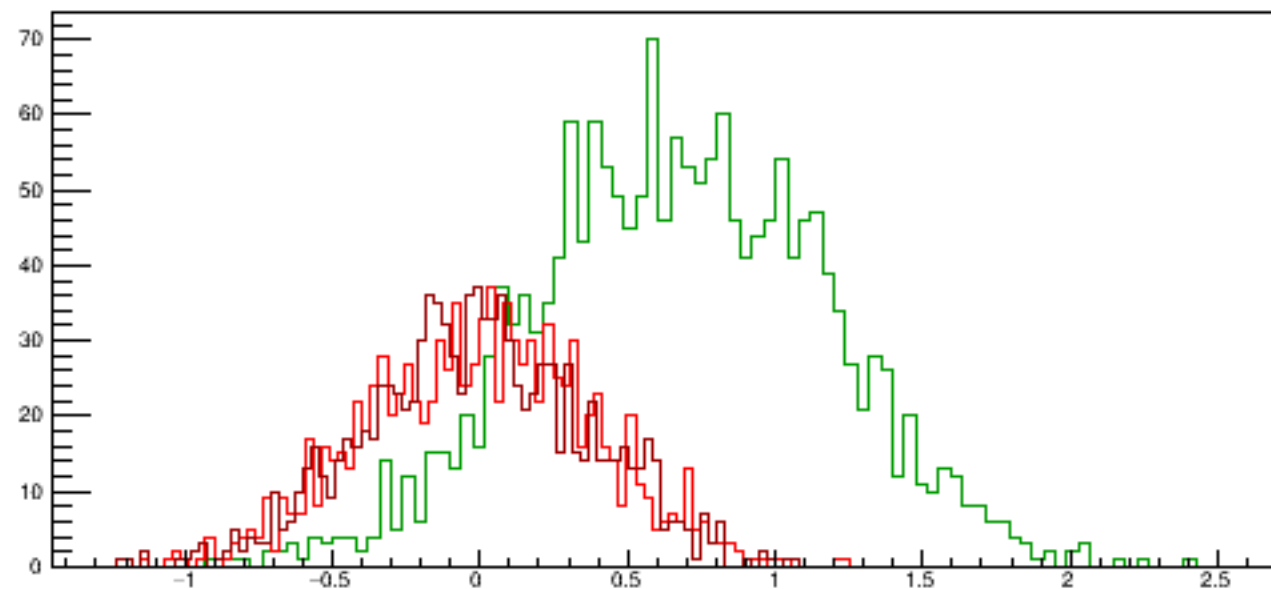
Std Dev: 0.4956 +/- 0.0083

Entries: 1072

Mean: -0.0132 +/- 0.0115

Std Dev: 0.3753 +/- 0.0081

Run 6074 quartetwise, Diffs



Cycle 20, Sums

Entries: 1060

Mean: 5.7032 +/- 0.0128

Std Dev: 0.4178 +/- 0.0091

Entries: 1801

Mean: 27.6008 +/- 0.0127

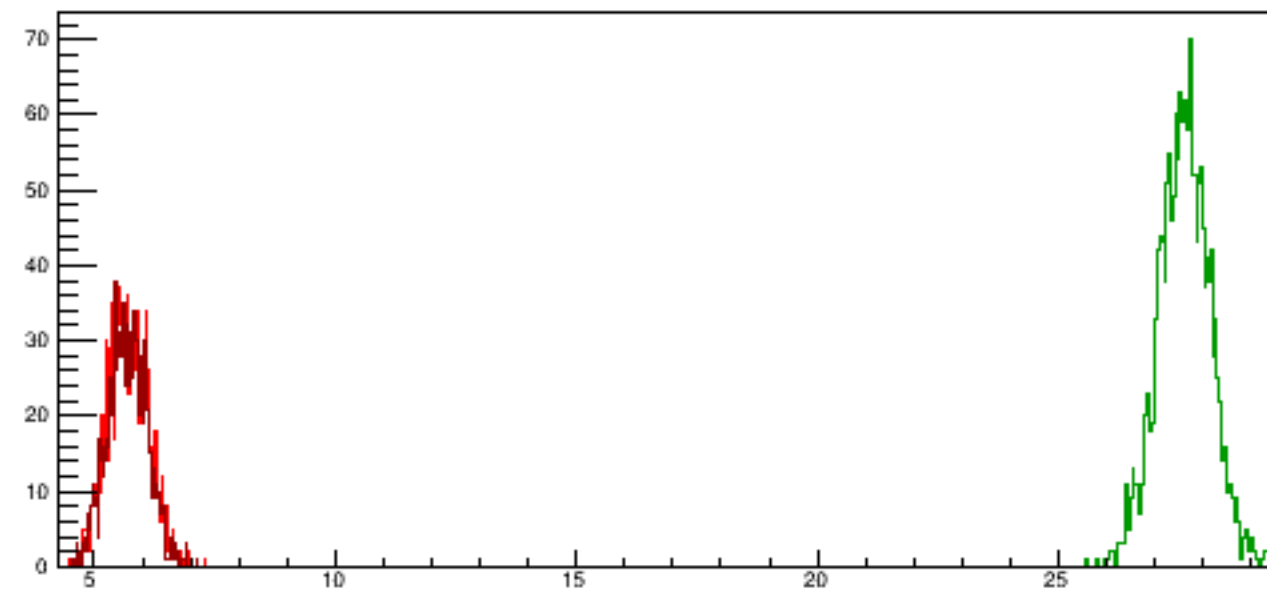
Std Dev: 0.5371 +/- 0.0089

Entries: 1072

Mean: 5.6935 +/- 0.0125

Std Dev: 0.4108 +/- 0.0089

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=516811 && mpsCoda<=533550 && beamState==1)

Cycle 20, Asyms

Entries: 1060

Mean: -0.0000 +/- 0.0005

Std Dev: 0.0174 +/- 0.0004

Entries: 1801

Mean: 0.0309 +/- 0.0005

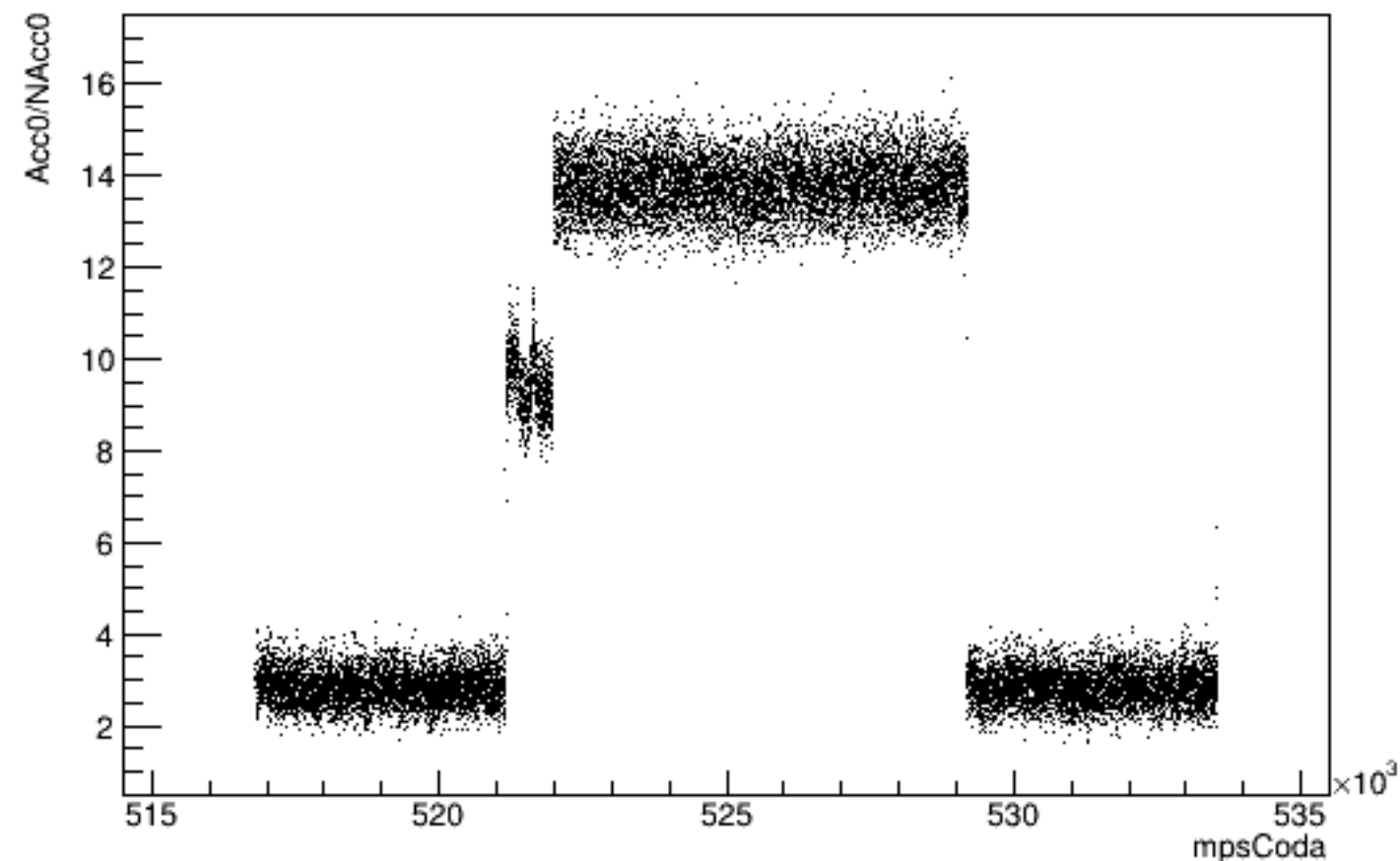
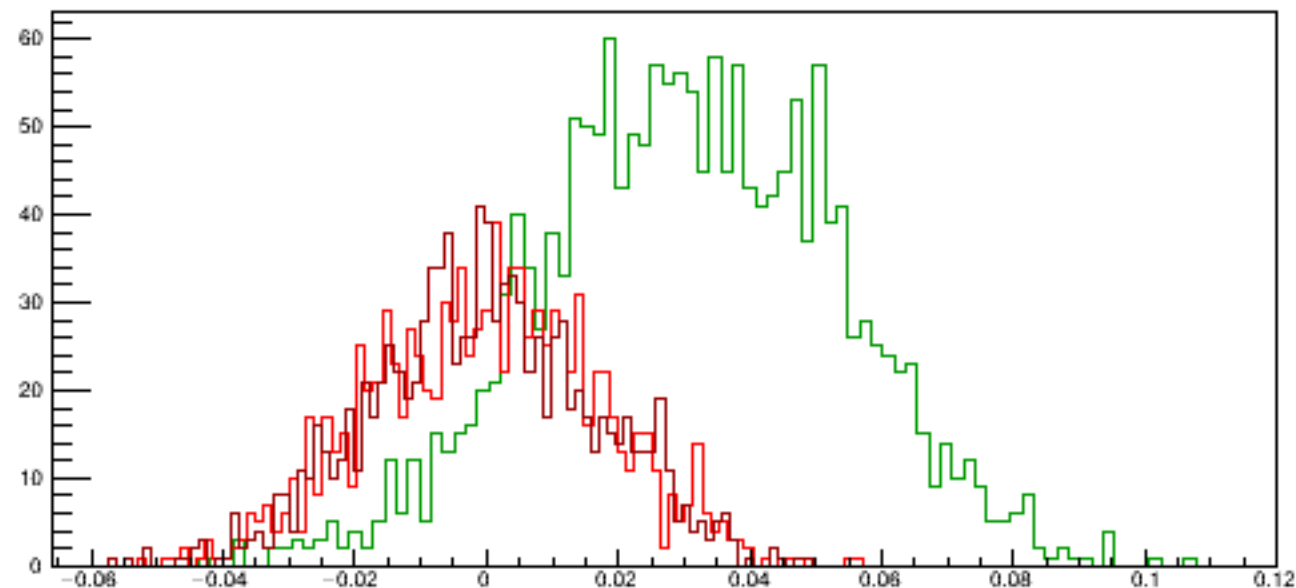
Std Dev: 0.0226 +/- 0.0004

Entries: 1072

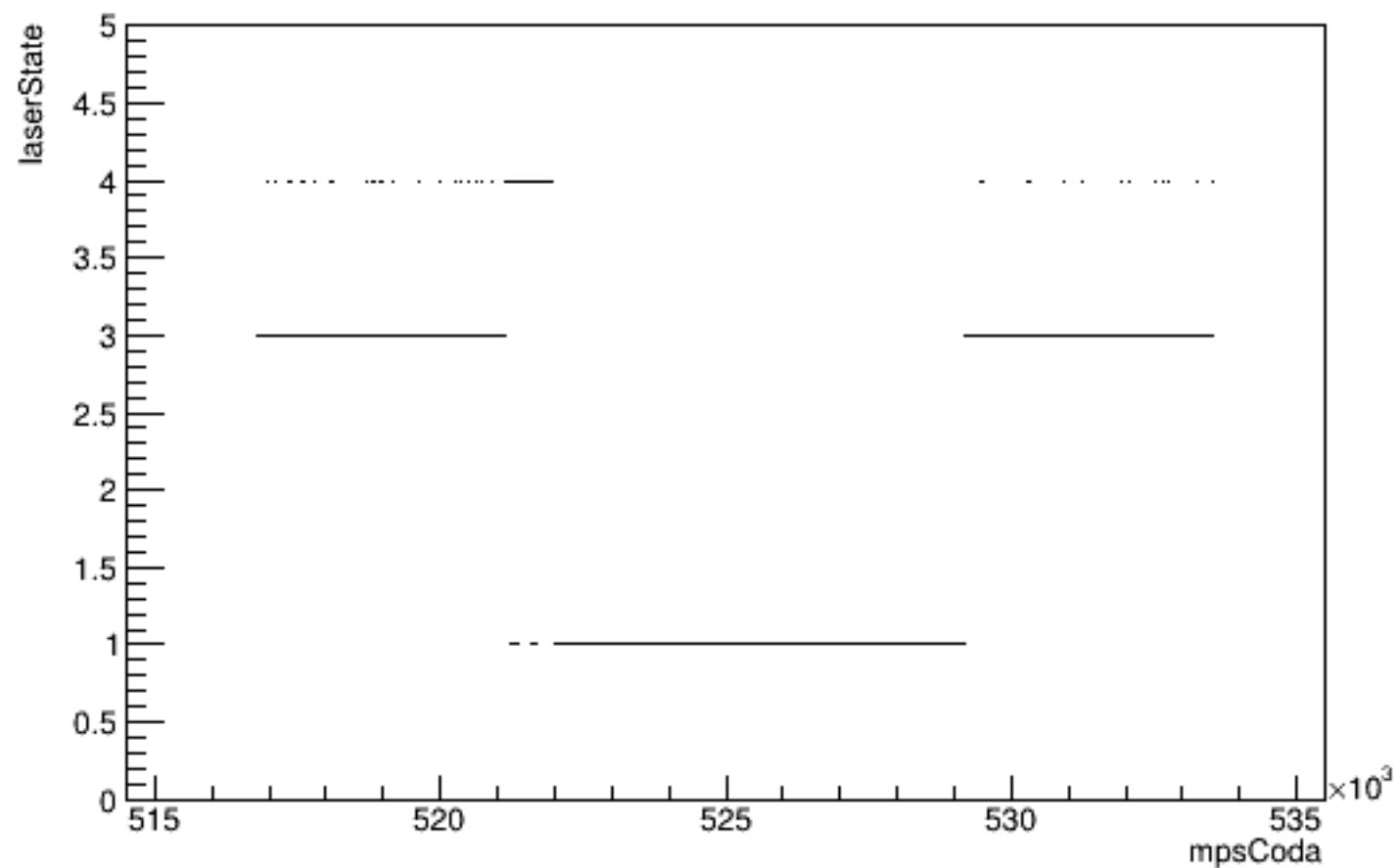
Mean: -0.0006 +/- 0.0005

Std Dev: 0.0171 +/- 0.0004

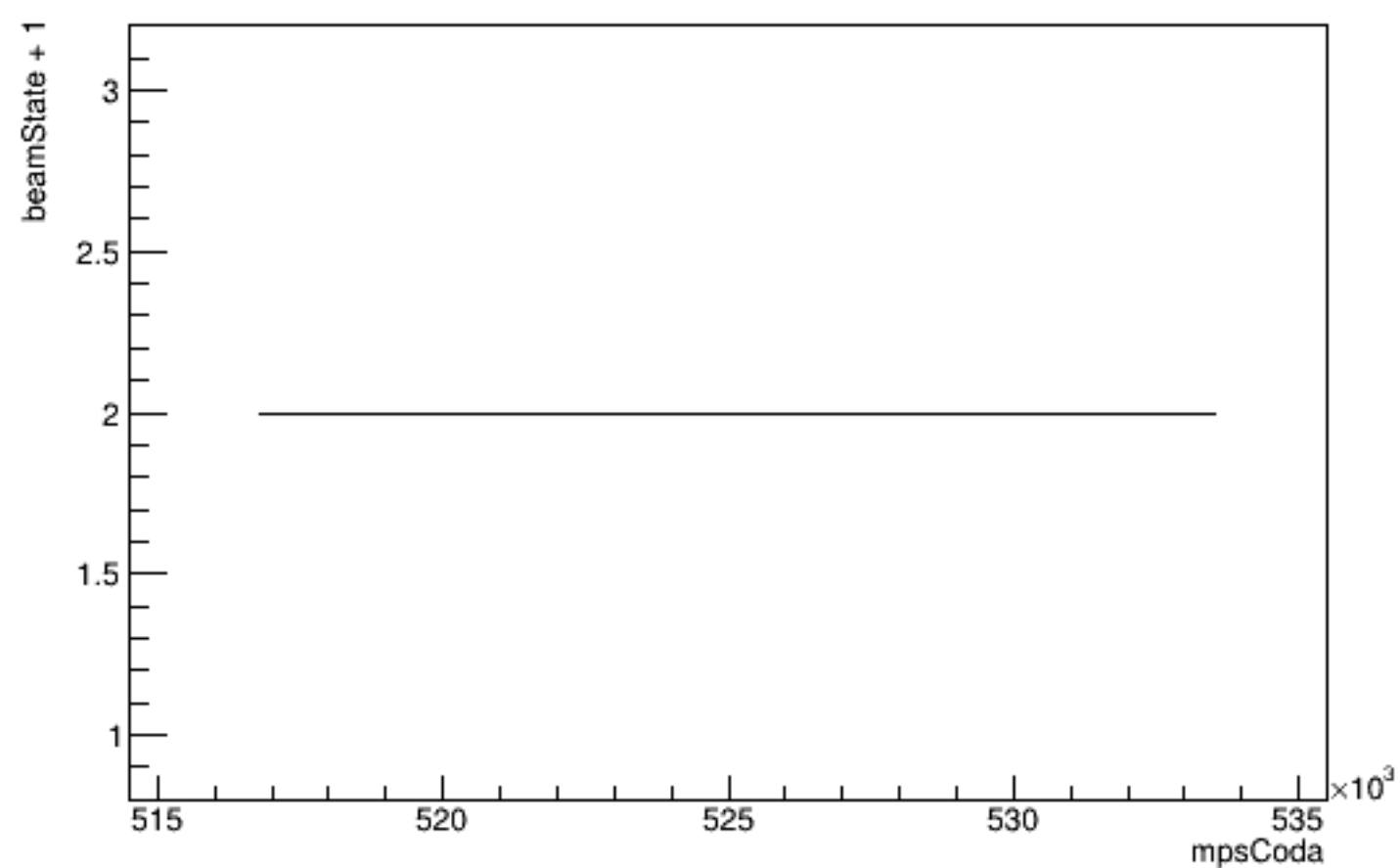
Run 6074 quartetwise, Asyms



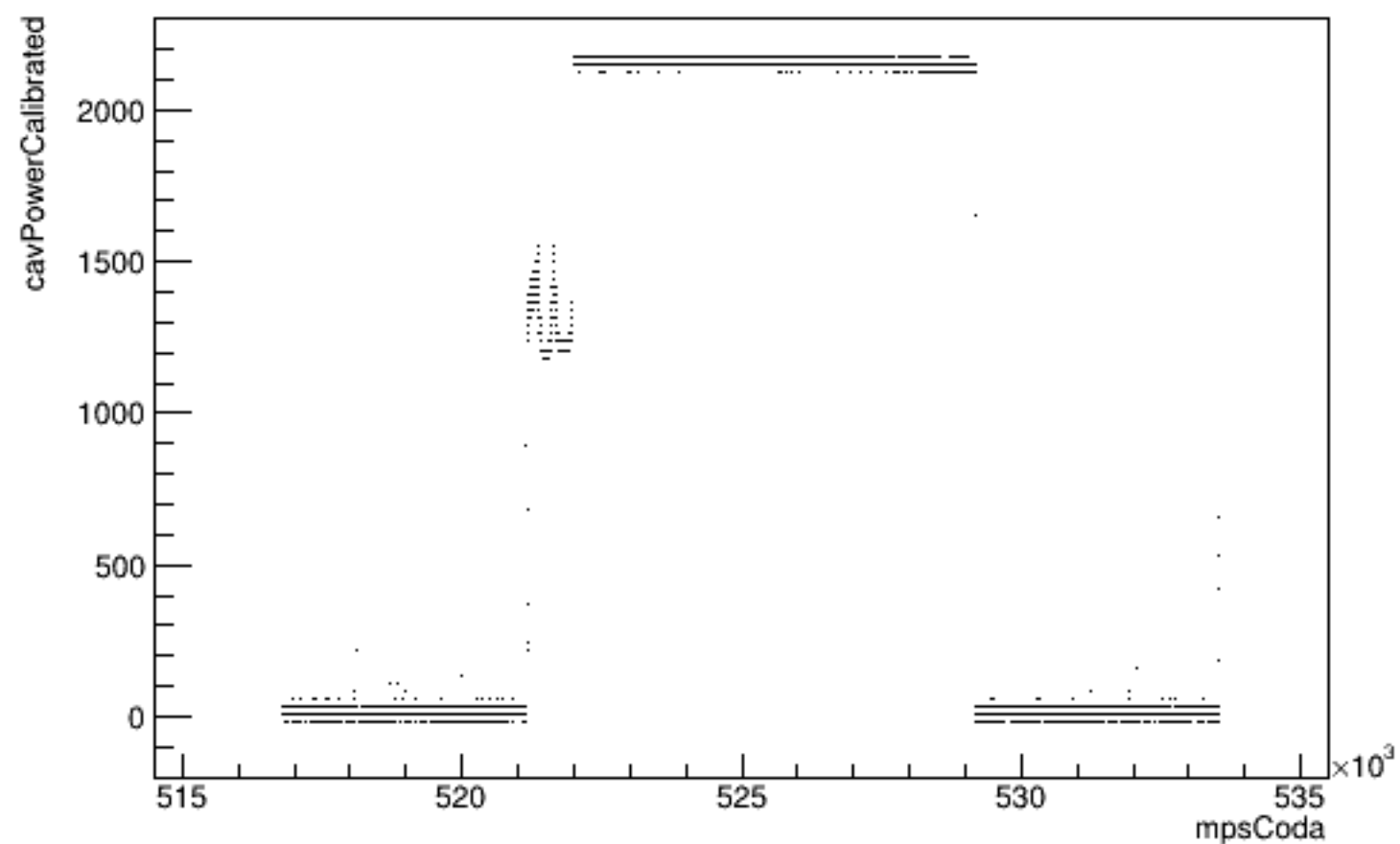
laserState:mpsCoda {mpsCoda>=516811 && mpsCoda<=533550}



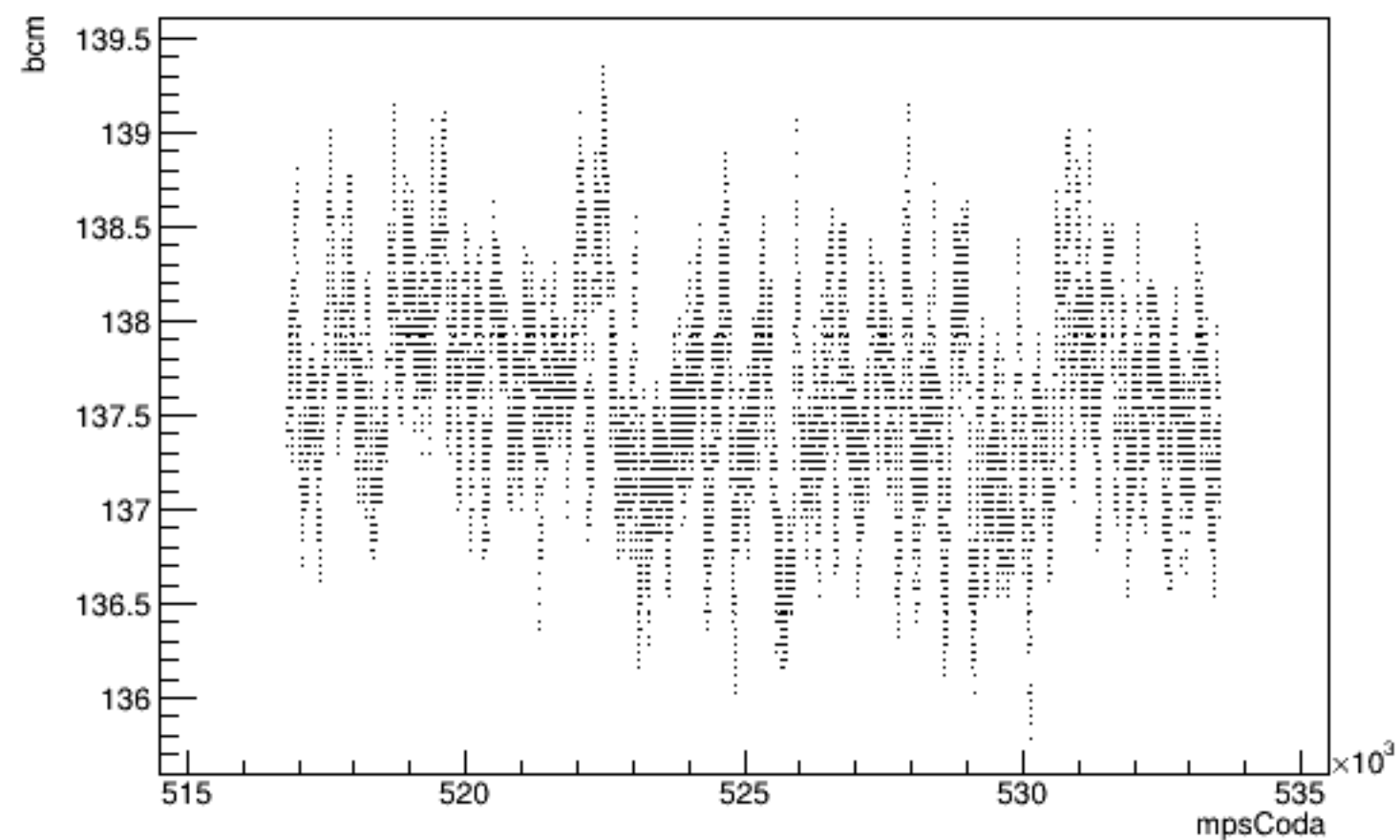
beamState + 1:mpsCoda {mpsCoda>=516811 && mpsCoda<=533550}



cavPowerCalibrated:mpsCoda {mpsCoda>=516811 && mpsCoda<=533550}



bcm:mpsCoda {mpsCoda>=516811 && mpsCoda<=533550}



Cycle 21, Diffs

Entries: 1072

Mean: -0.0132 +/- 0.0115

Std Dev: 0.3753 +/- 0.0081

Entries: 1801

Mean: 0.6792 +/- 0.0119

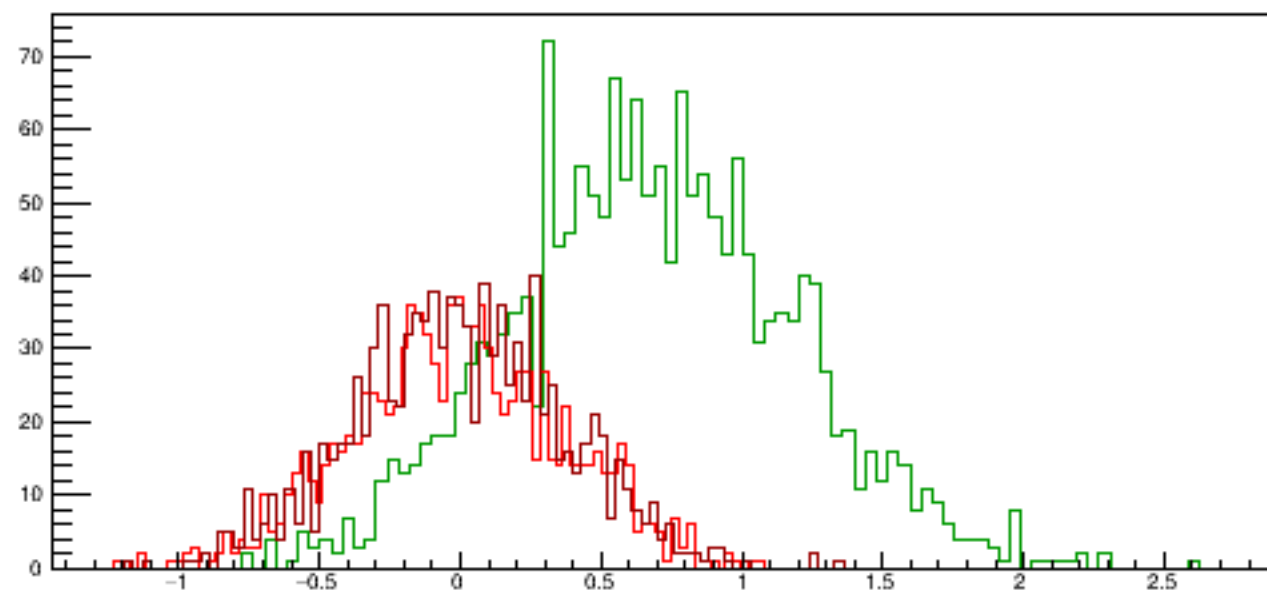
Std Dev: 0.5035 +/- 0.0084

Entries: 1061

Mean: -0.0026 +/- 0.0114

Std Dev: 0.3722 +/- 0.0081

Run 6074 quartetwise, Diffs



Cycle 21, Sums

Entries: 1072

Mean: 5.6935 +/- 0.0125

Std Dev: 0.4108 +/- 0.0089

Entries: 1801

Mean: 27.5626 +/- 0.0128

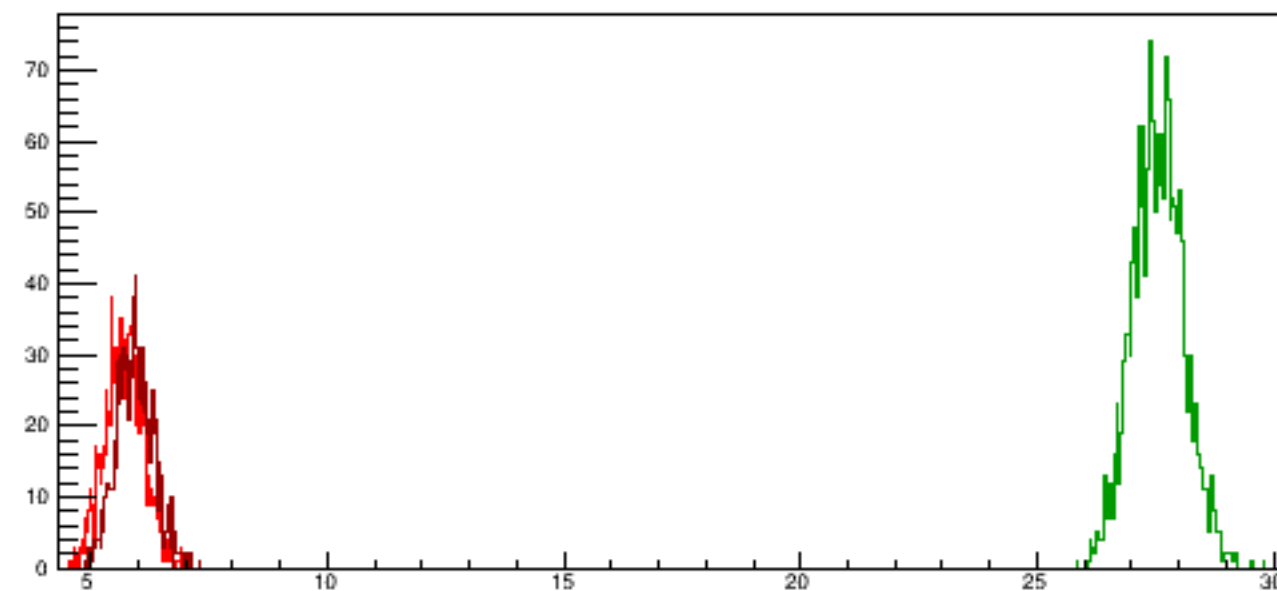
Std Dev: 0.5428 +/- 0.0090

Entries: 1061

Mean: 5.9266 +/- 0.0120

Std Dev: 0.3916 +/- 0.0085

Run 6074 quartetwise, Sums



Cycle 21, Asyms

Entries: 1072

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0173 +/- 0.0004

Entries: 1801

Mean: 0.0312 +/- 0.0005

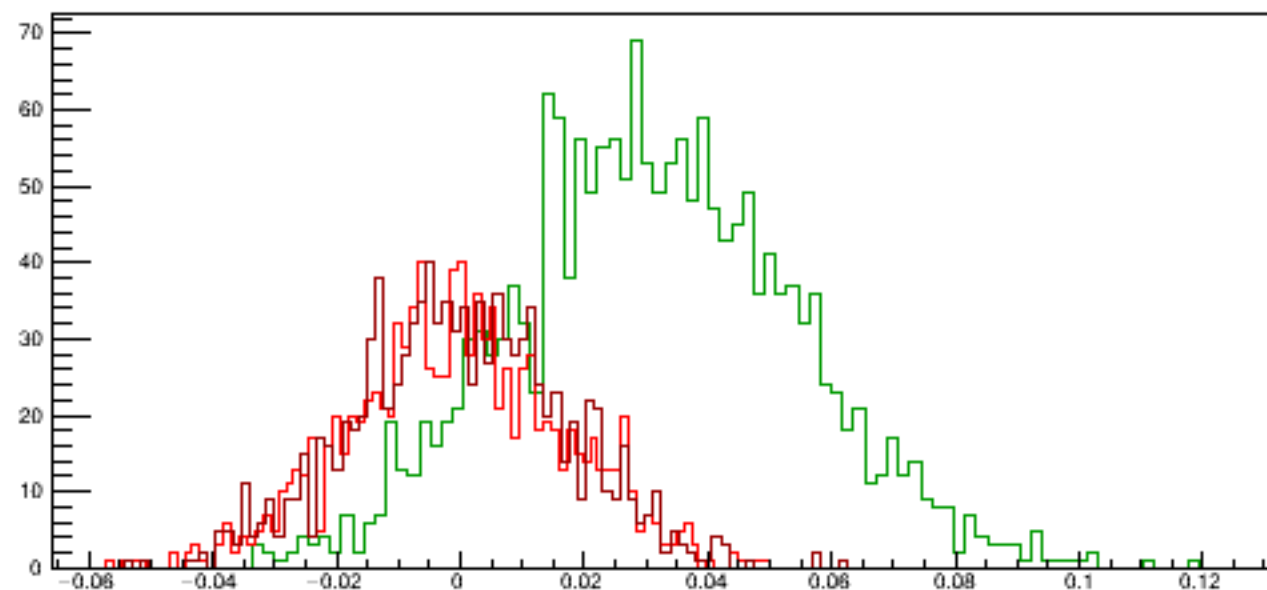
Std Dev: 0.0232 +/- 0.0004

Entries: 1061

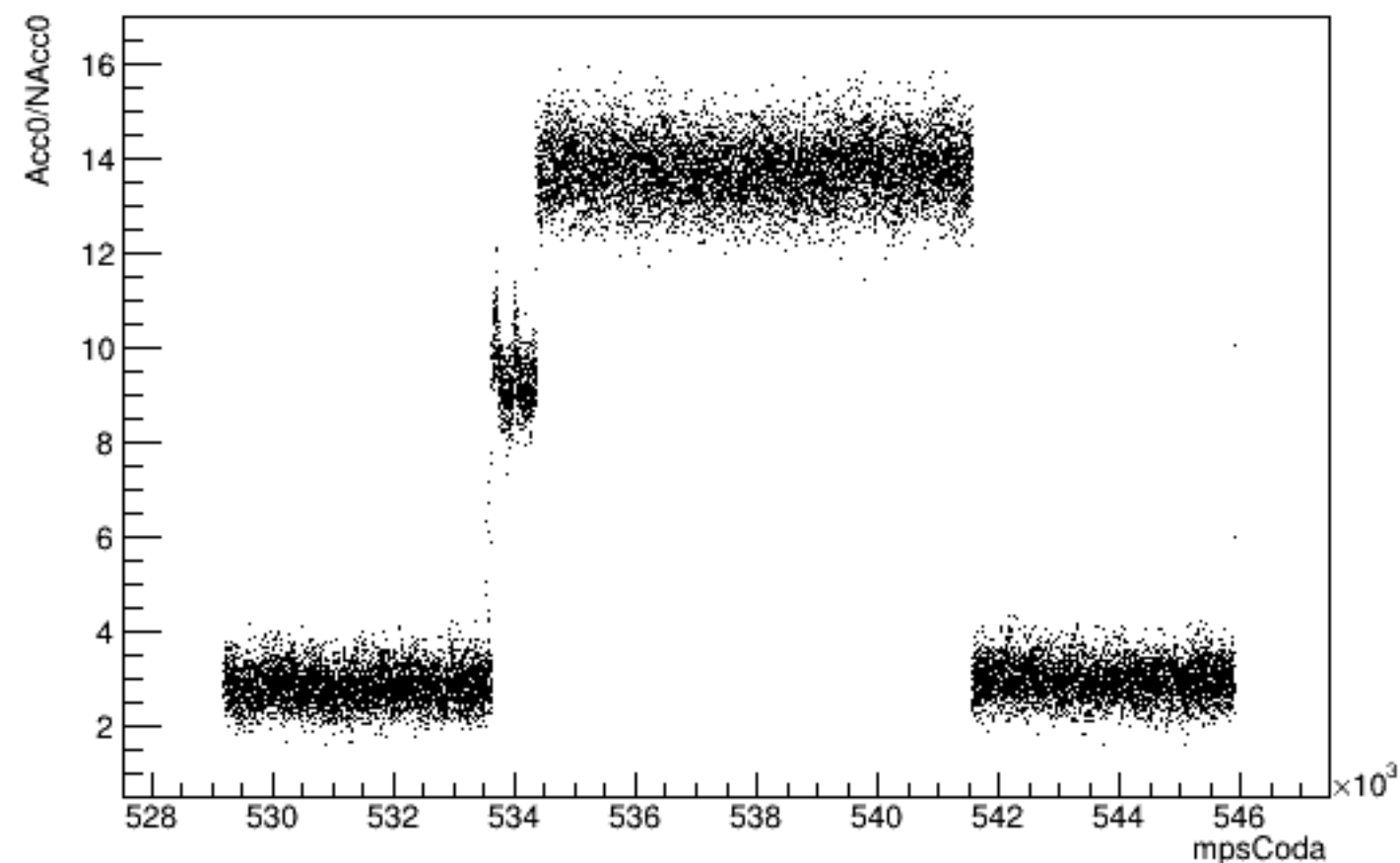
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0171 +/- 0.0004

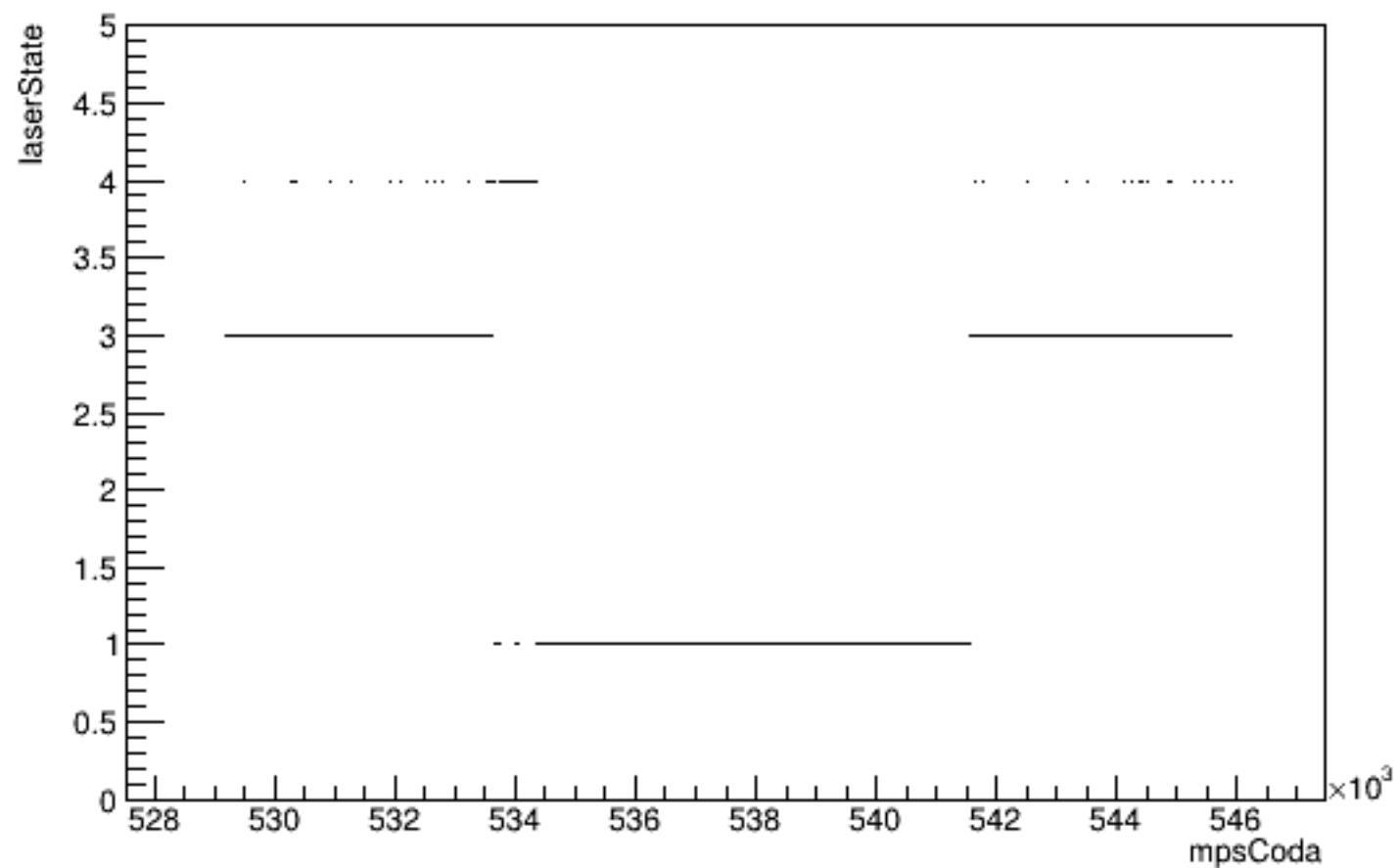
Run 6074 quartetwise, Asyms



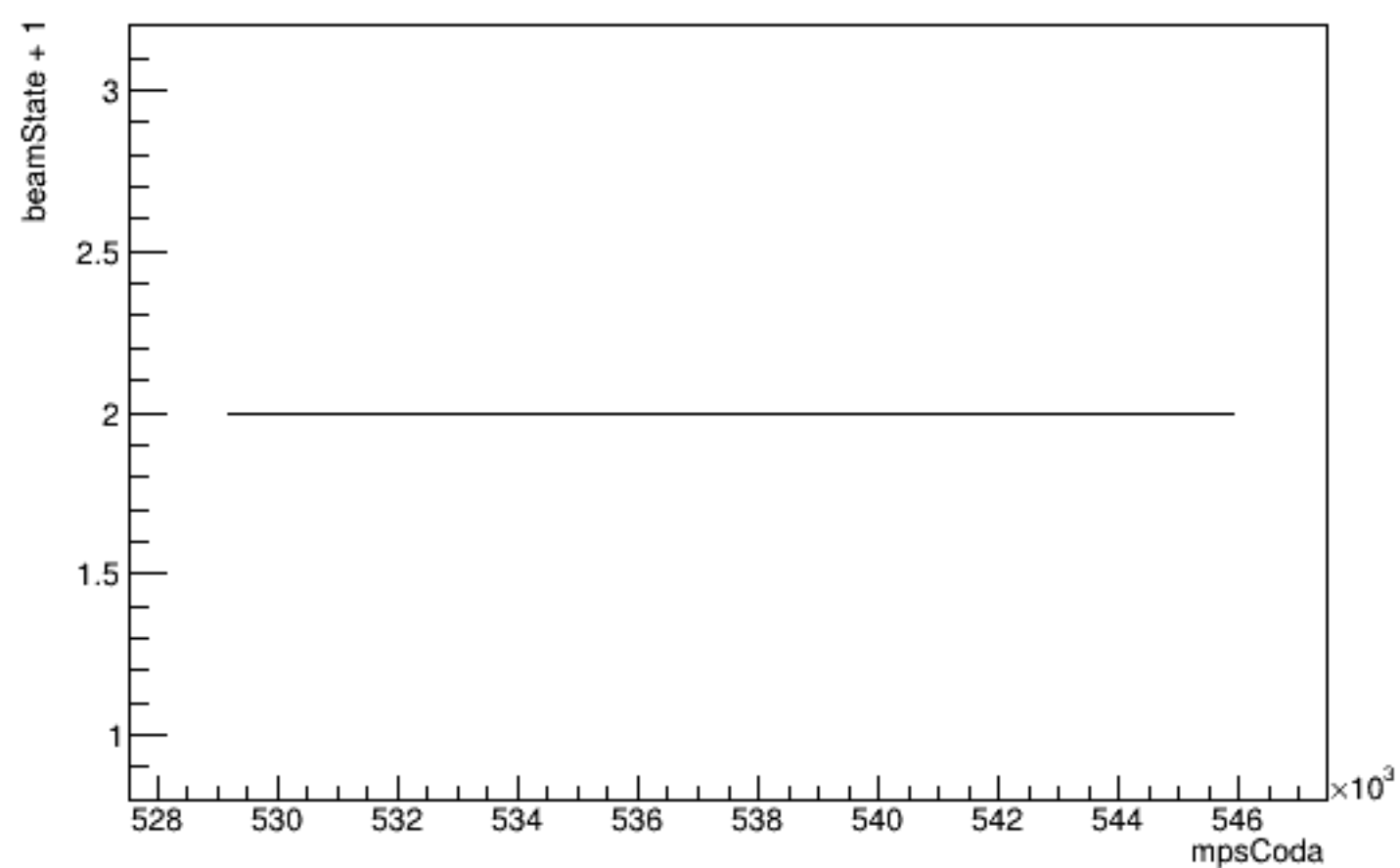
Acc0/NAcc0:mpsCoda (mpsCoda>=529191 && mpsCoda<=545894 && beamState==1)



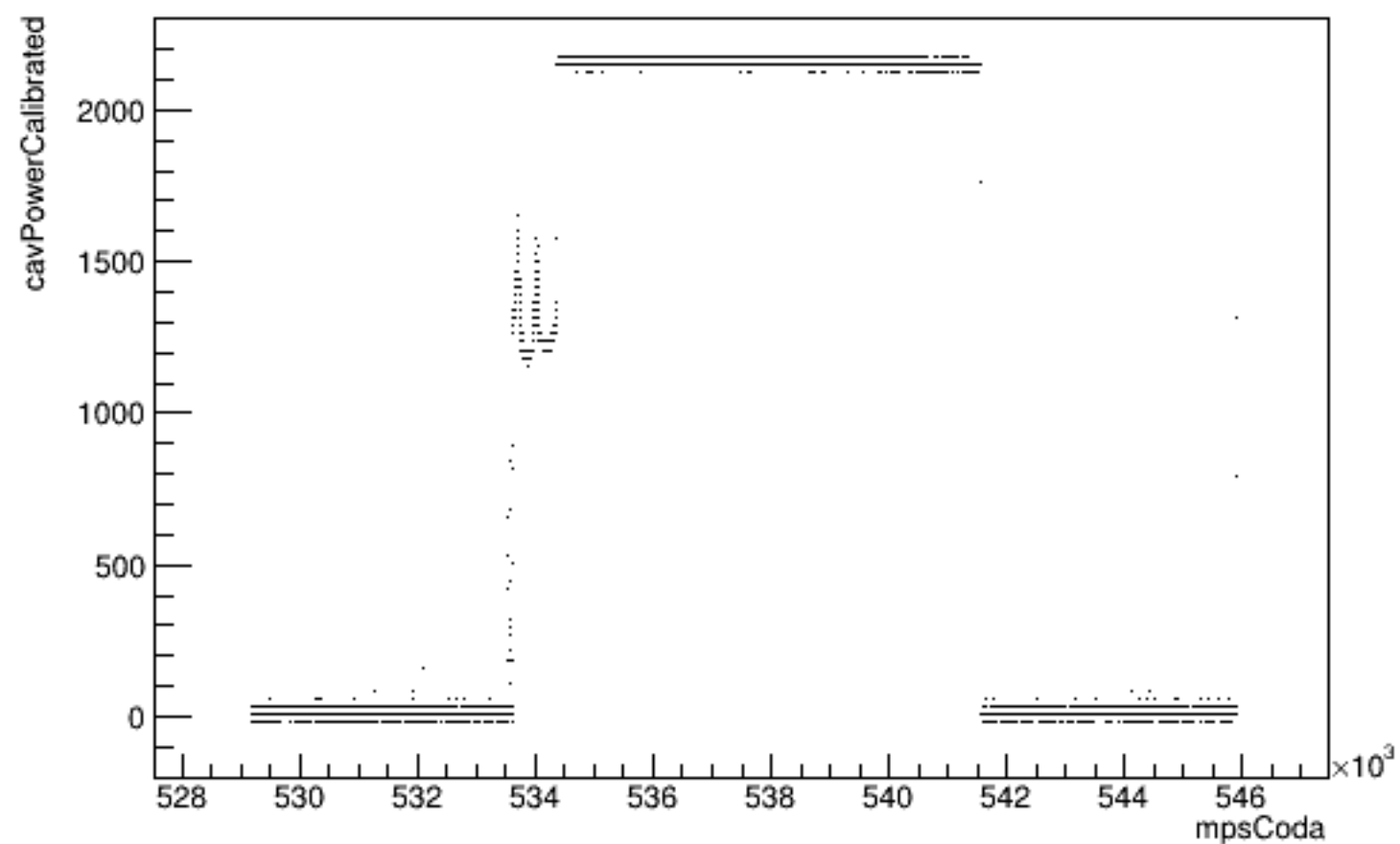
laserState:mpsCoda {mpsCoda>=529191 && mpsCoda<=545894}



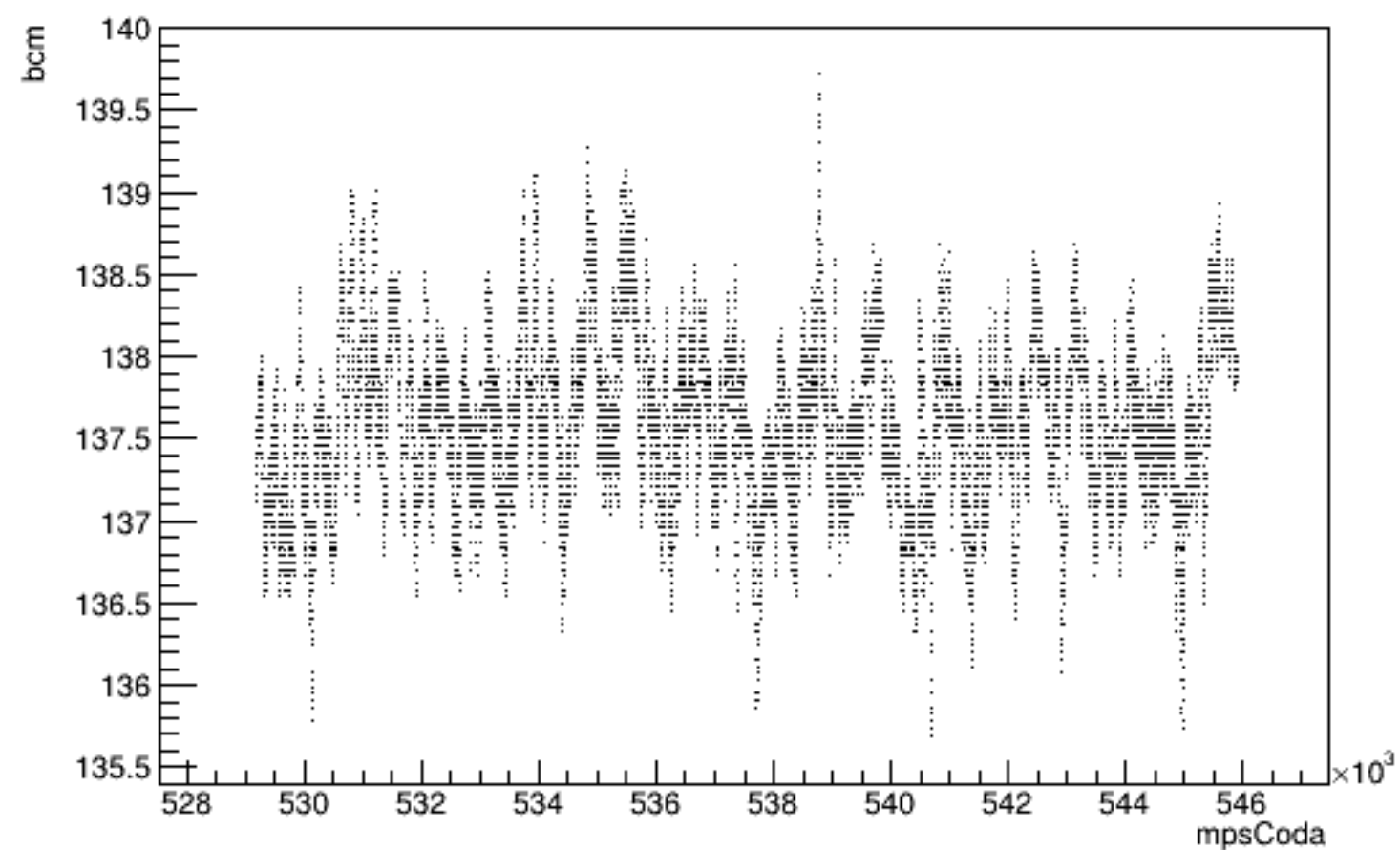
beamState + 1:mpsCoda {mpsCoda>=529191 && mpsCoda<=545894}



cavPowerCalibrated:mpsCoda {mpsCoda>=529191 && mpsCoda<=545894}



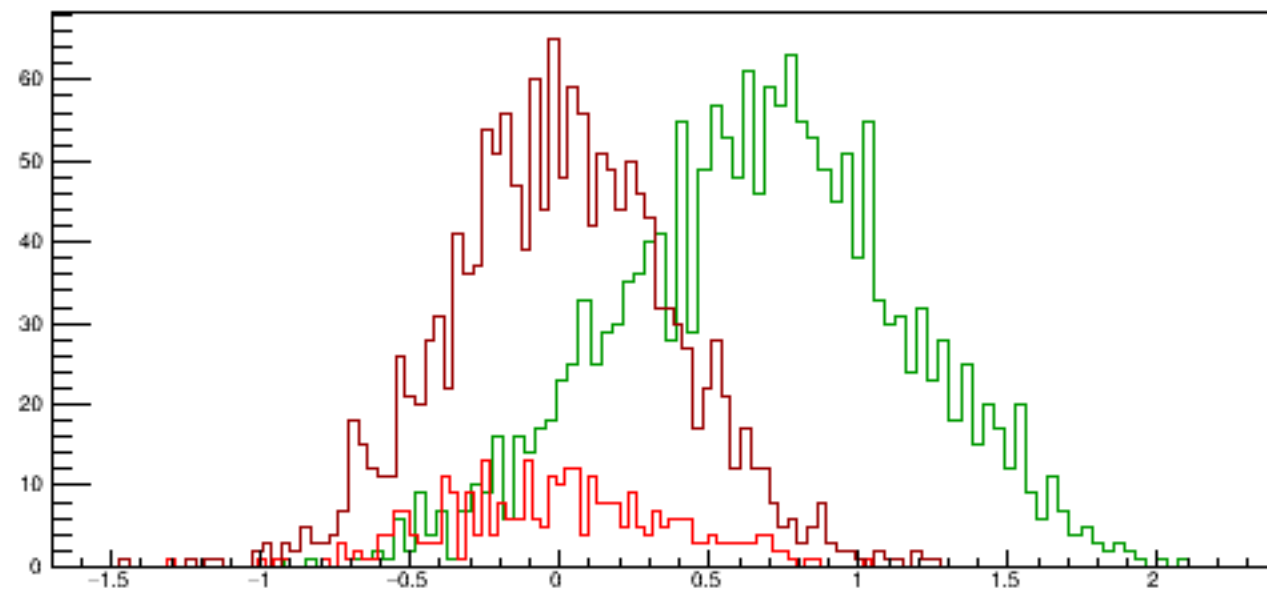
bcm:mpsCoda {mpsCoda>=529191 && mpsCoda<=545894}



Cycle 22, Diffs

Entries: 321	Entries: 1800	Entries: 1582
Mean: -0.0020 +/- 0.0214	Mean: 0.6740 +/- 0.0114	Mean: 0.0078 +/- 0.0095
Std Dev: 0.3831 +/- 0.0151	Std Dev: 0.4853 +/- 0.0081	Std Dev: 0.3766 +/- 0.0067

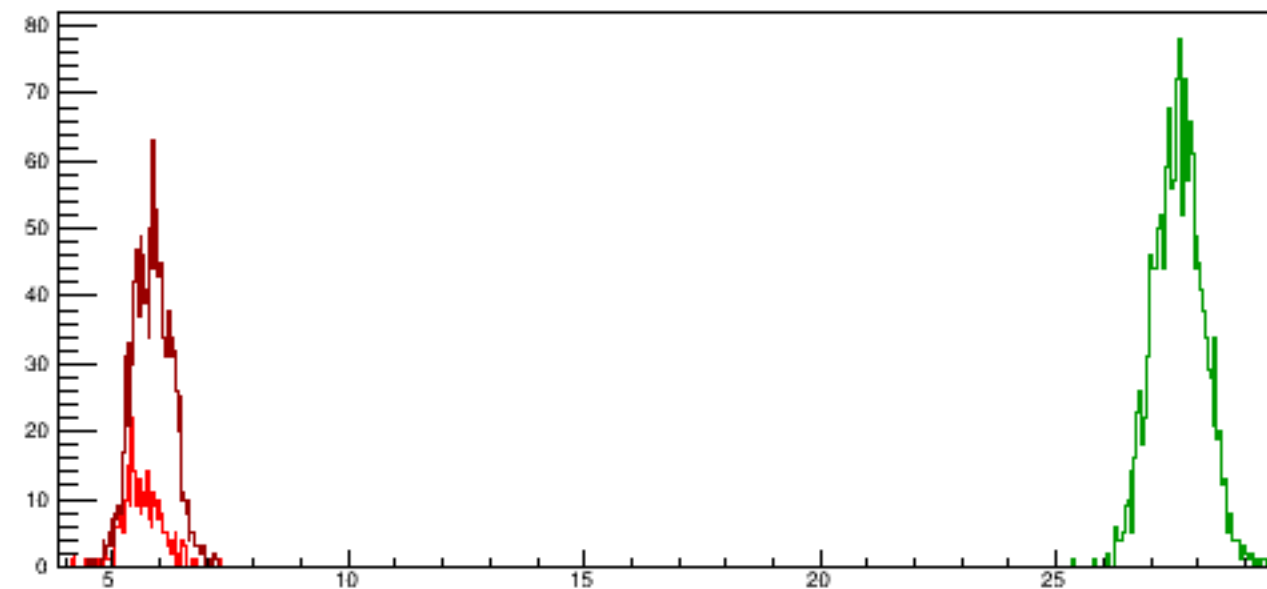
Run 6074 quartetwise, Diffs



Cycle 22, Sums

Entries: 321	Entries: 1800	Entries: 1582
Mean: 5.6274 +/- 0.0237	Mean: 27.5842 +/- 0.0125	Mean: 5.8457 +/- 0.0102
Std Dev: 0.4242 +/- 0.0167	Std Dev: 0.5294 +/- 0.0088	Std Dev: 0.4043 +/- 0.0072

Run 6074 quartetwise, Sums

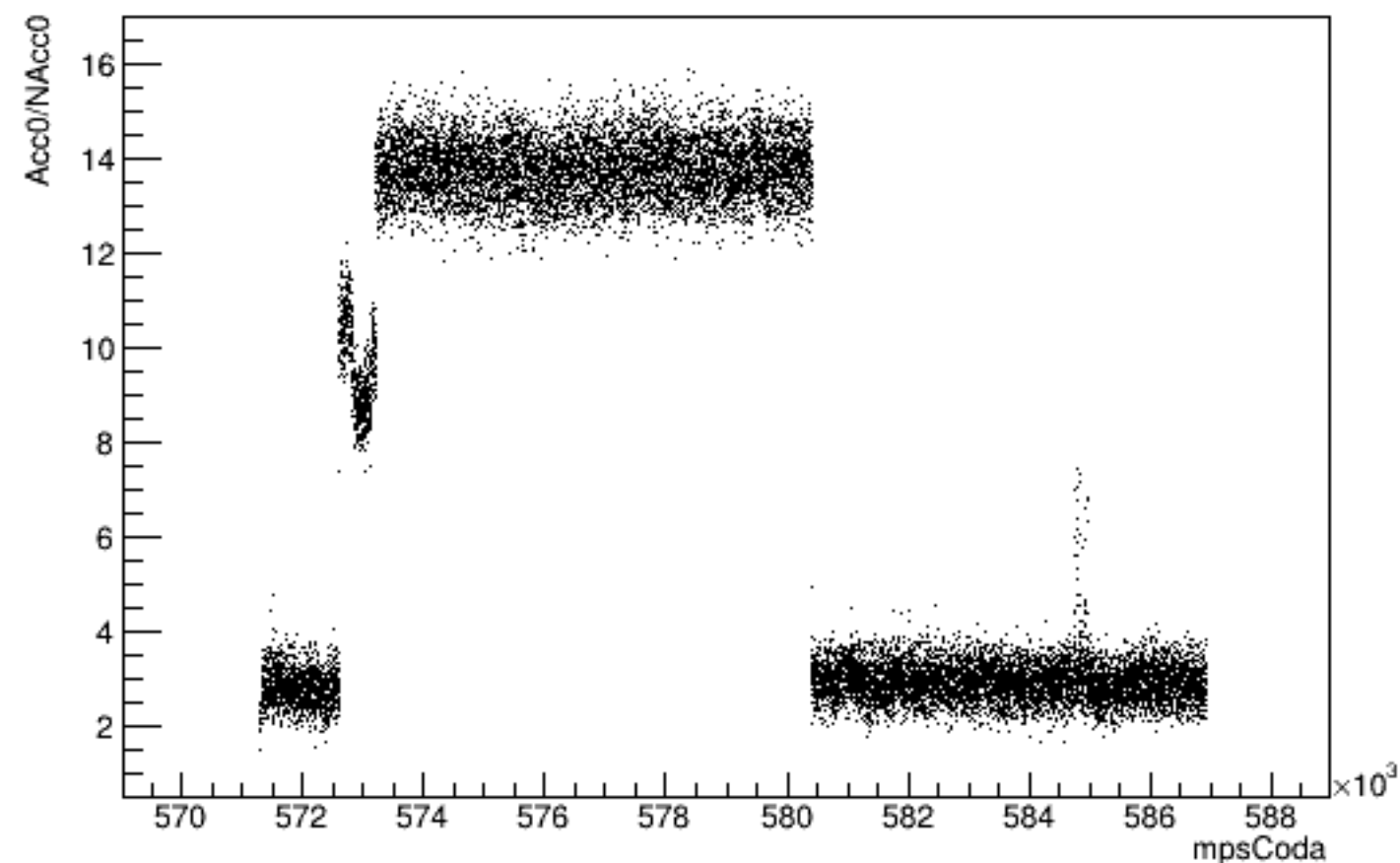
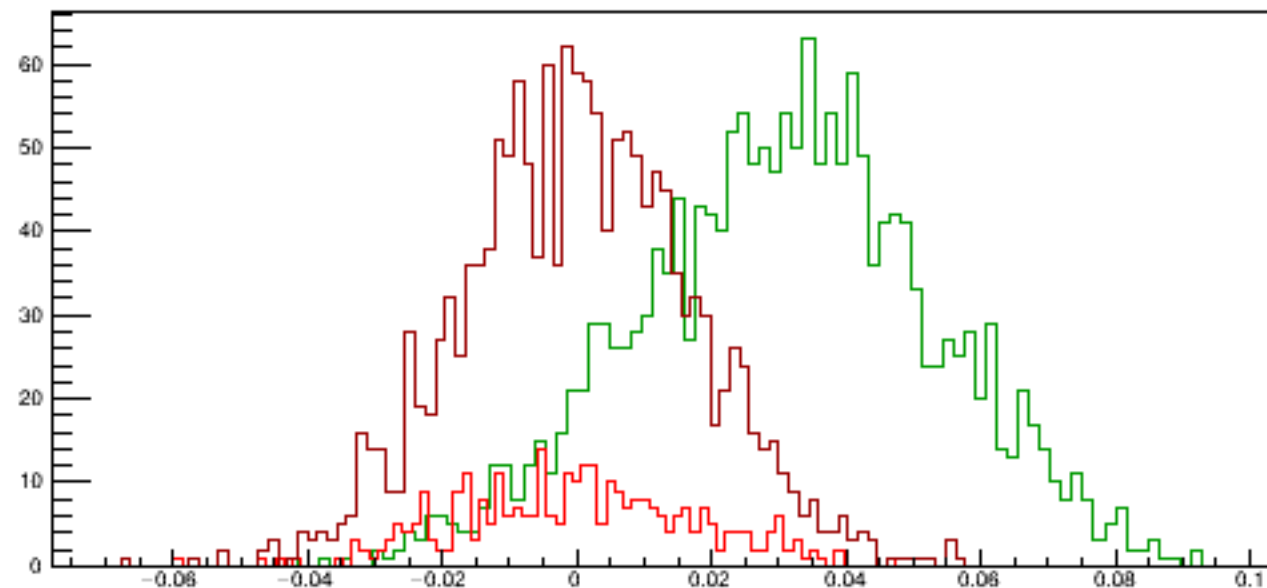


Acc0/NAcc0:mpsCoda (mpsCoda>=568271 && mpsCoda<=586926 && beamState==1)

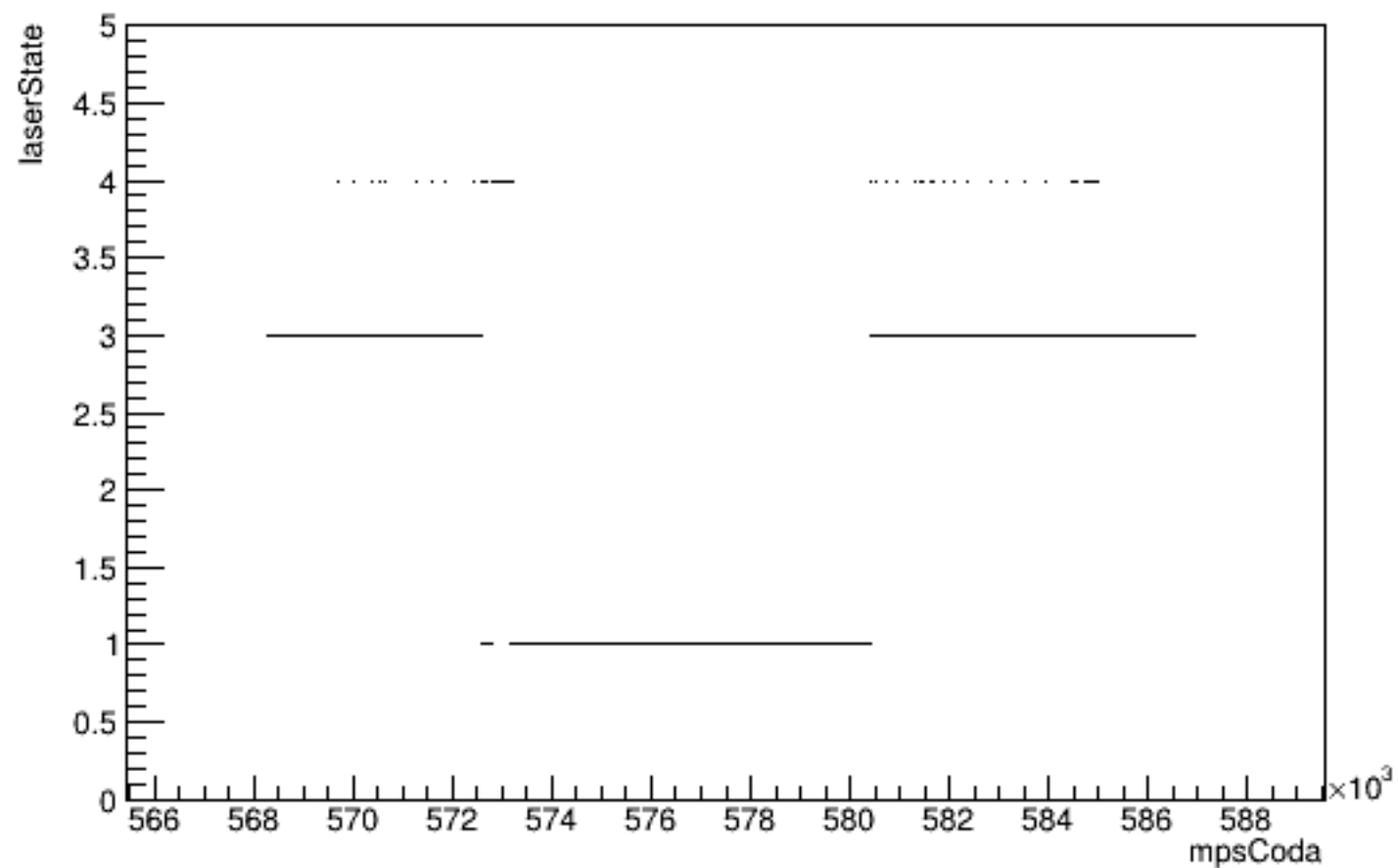
Cycle 22, Asyms

Entries: 321	Entries: 1800	Entries: 1582
Mean: -0.0001 +/- 0.0010	Mean: 0.0309 +/- 0.0005	Mean: 0.0004 +/- 0.0004
Std Dev: 0.0175 +/- 0.0007	Std Dev: 0.0222 +/- 0.0004	Std Dev: 0.0172 +/- 0.0003

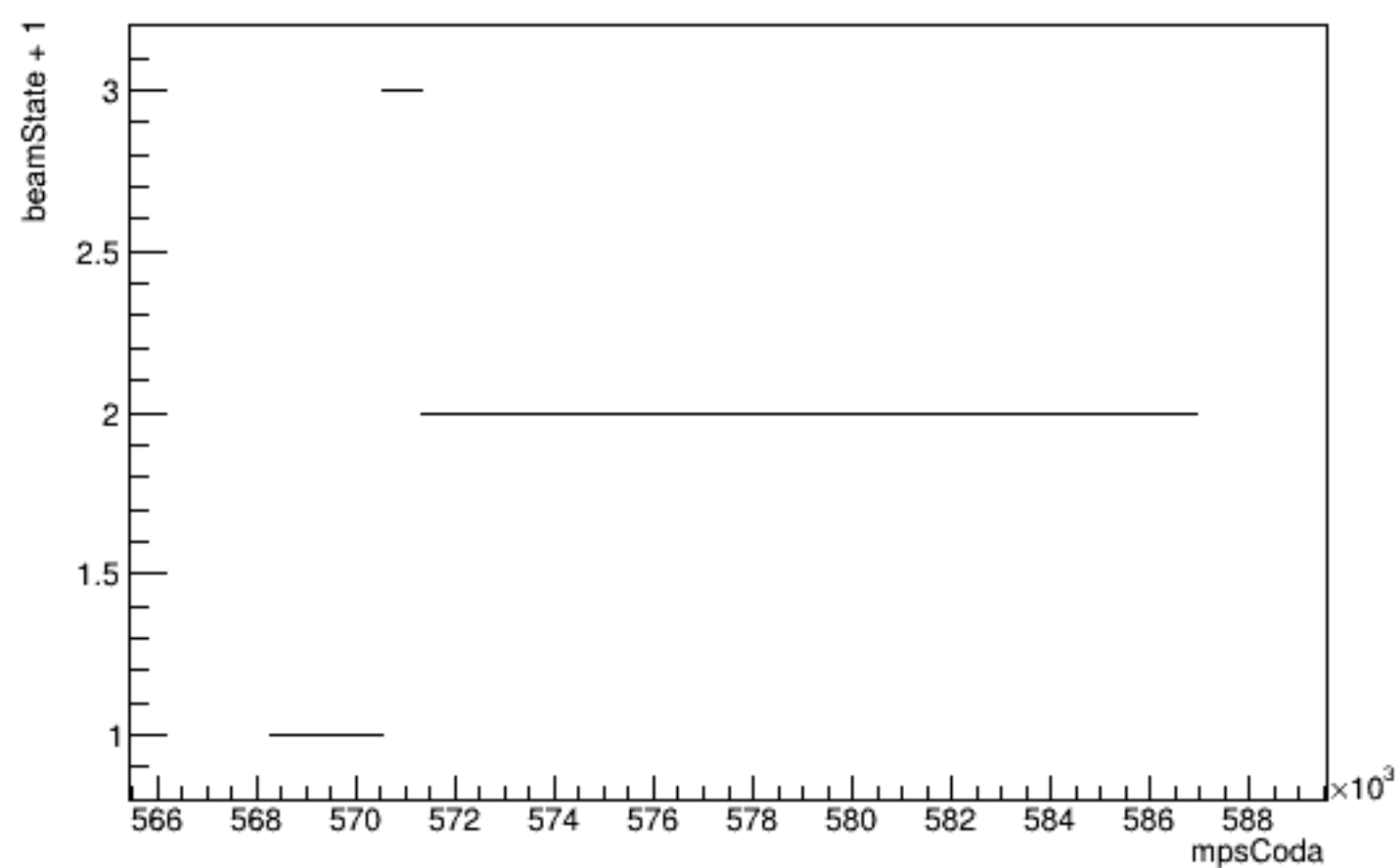
Run 6074 quartetwise, Asyms



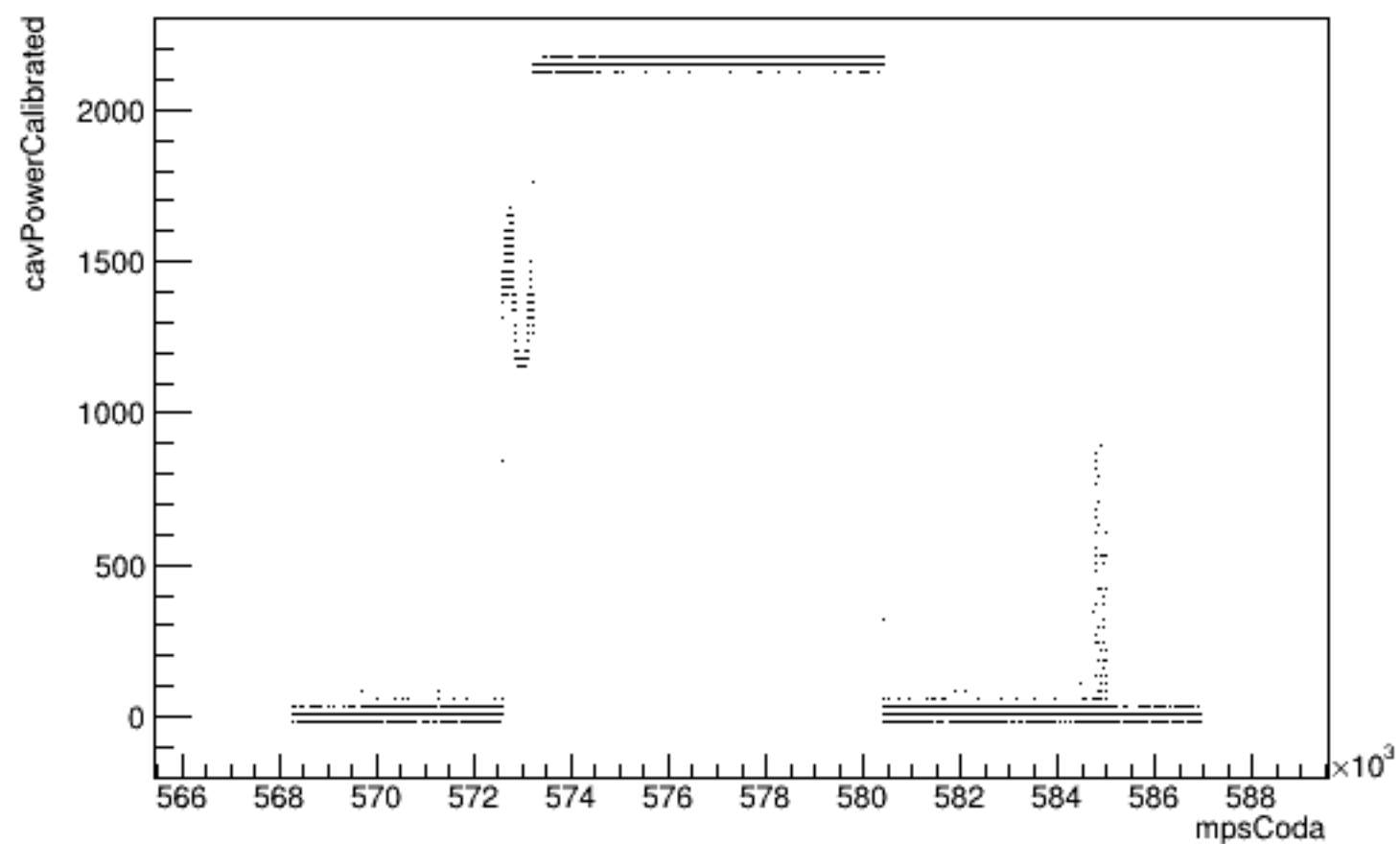
laserState:mpsCoda {mpsCoda>=568271 && mpsCoda<=586926}



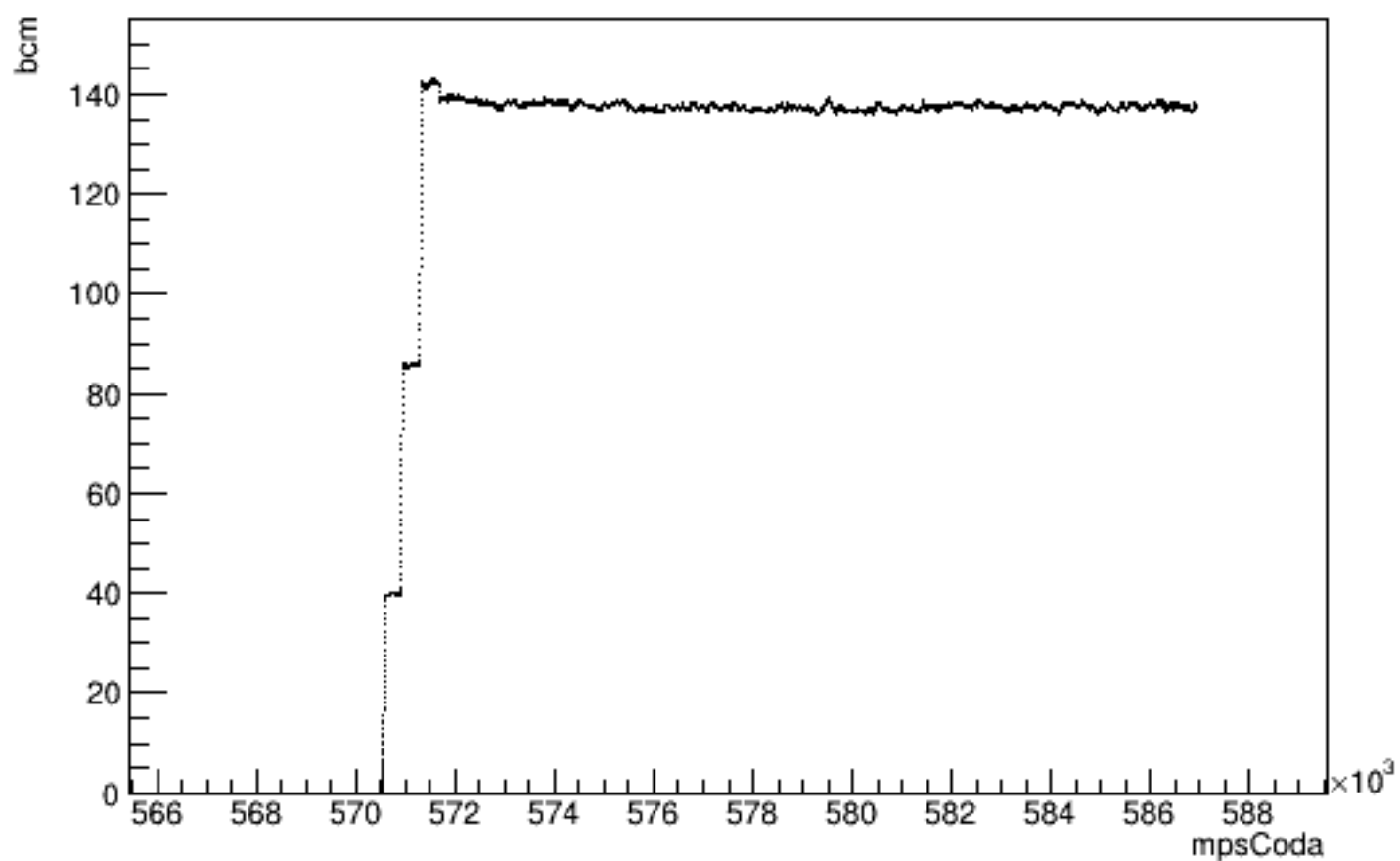
beamState + 1:mpsCoda {mpsCoda>=568271 && mpsCoda<=586926}



cavPowerCalibrated:mpsCoda {mpsCoda>=568271 && mpsCoda<=586926}



bcm:mpsCoda {mpsCoda>=568271 && mpsCoda<=586926}



Cycle 23, Diffs

Entries: 1582

Mean: 0.0078 +/- 0.0095

Std Dev: 0.3766 +/- 0.0067

Entries: 1086

Mean: 0.6943 +/- 0.0152

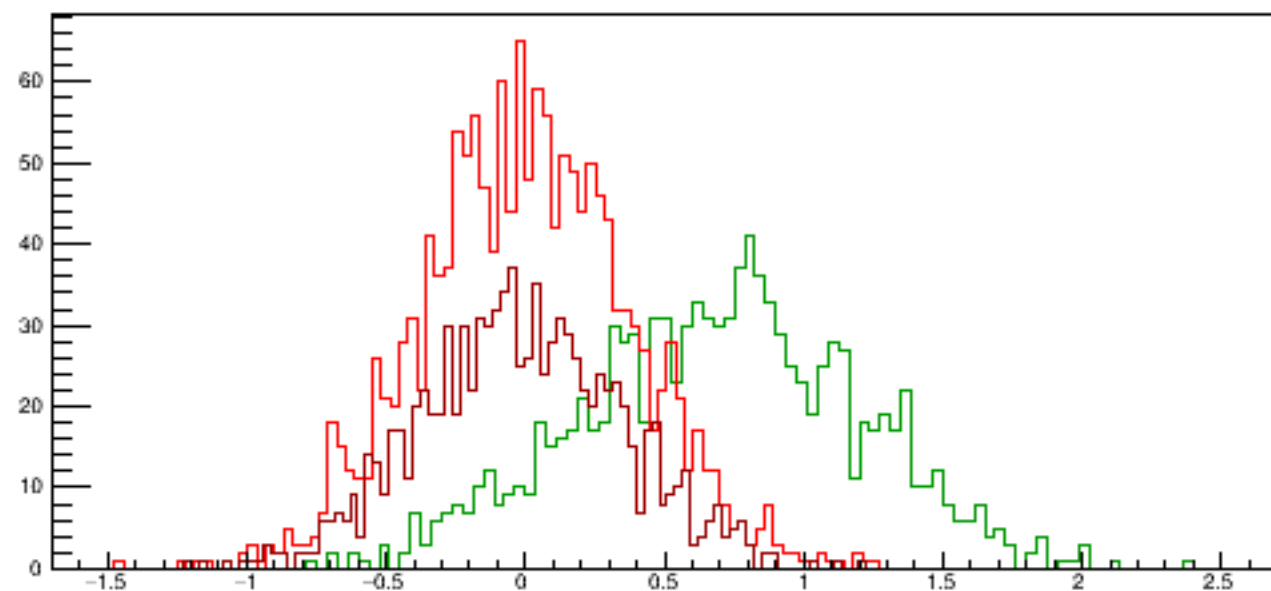
Std Dev: 0.5009 +/- 0.0107

Entries: 980

Mean: -0.0144 +/- 0.0117

Std Dev: 0.3655 +/- 0.0083

Run 6074 quartetwise, Diffs



Cycle 23, Sums

Entries: 1582

Mean: 5.8457 +/- 0.0102

Std Dev: 0.4043 +/- 0.0072

Entries: 1086

Mean: 27.5835 +/- 0.0393

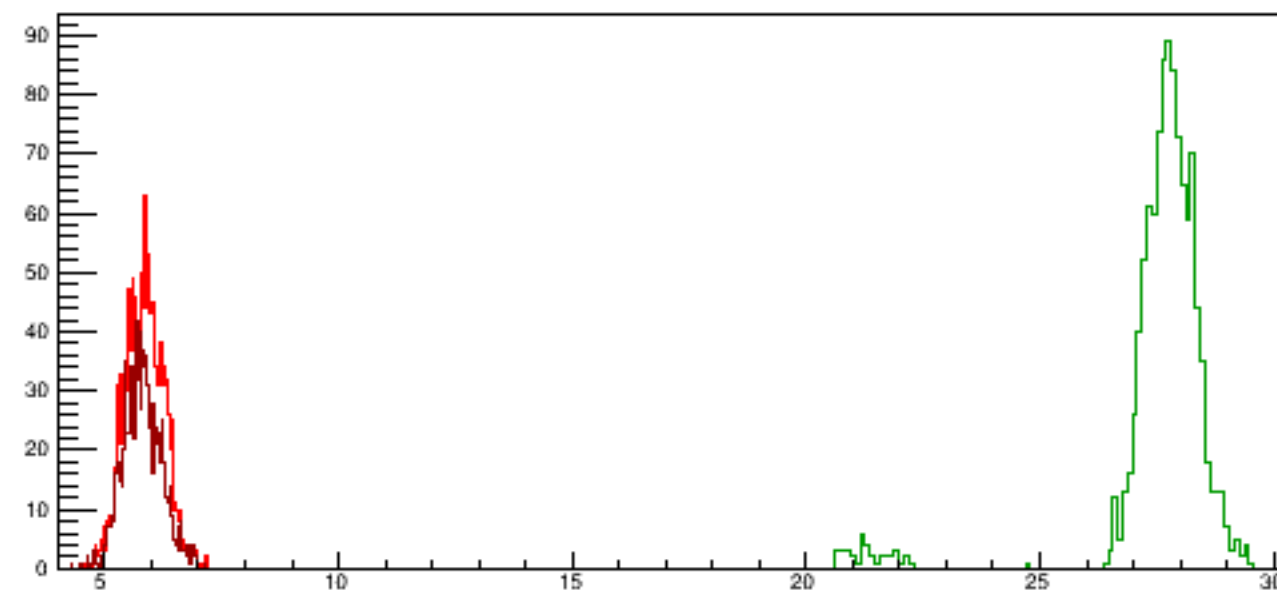
Std Dev: 1.2963 +/- 0.0278

Entries: 980

Mean: 5.8016 +/- 0.0133

Std Dev: 0.4163 +/- 0.0094

Run 6074 quartetwise, Sums



Cycle 23, Asyms

Entries: 1582

Mean: 0.0004 +/- 0.0004

Std Dev: 0.0173 +/- 0.0003

Entries: 1086

Mean: 0.0319 +/- 0.0007

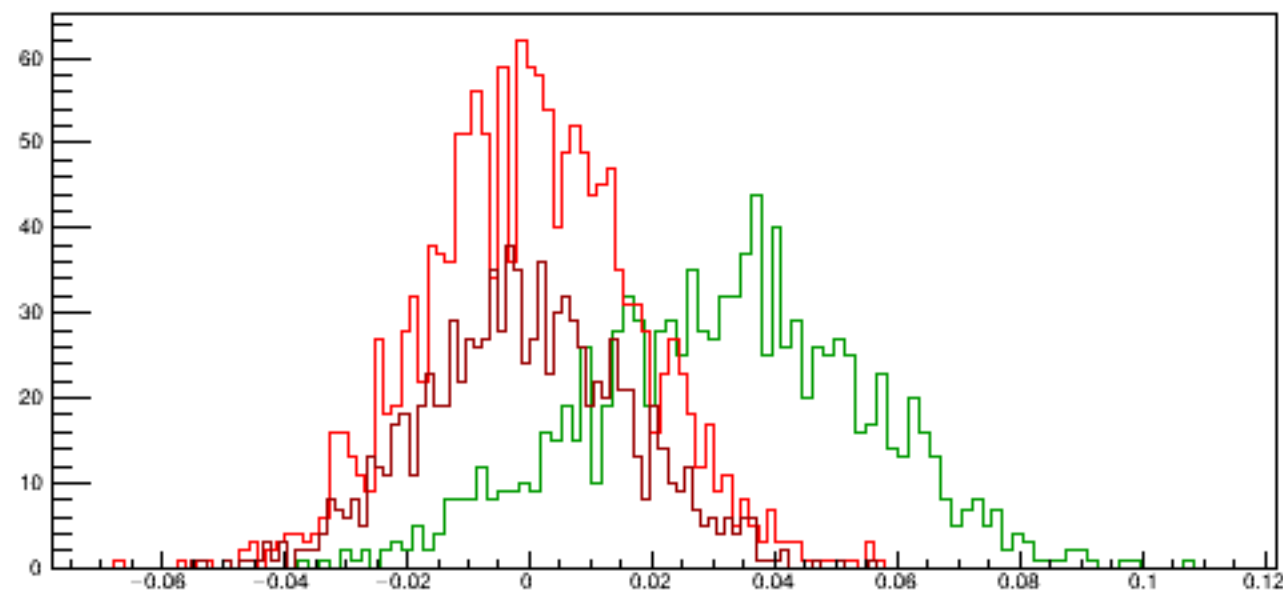
Std Dev: 0.0230 +/- 0.0005

Entries: 980

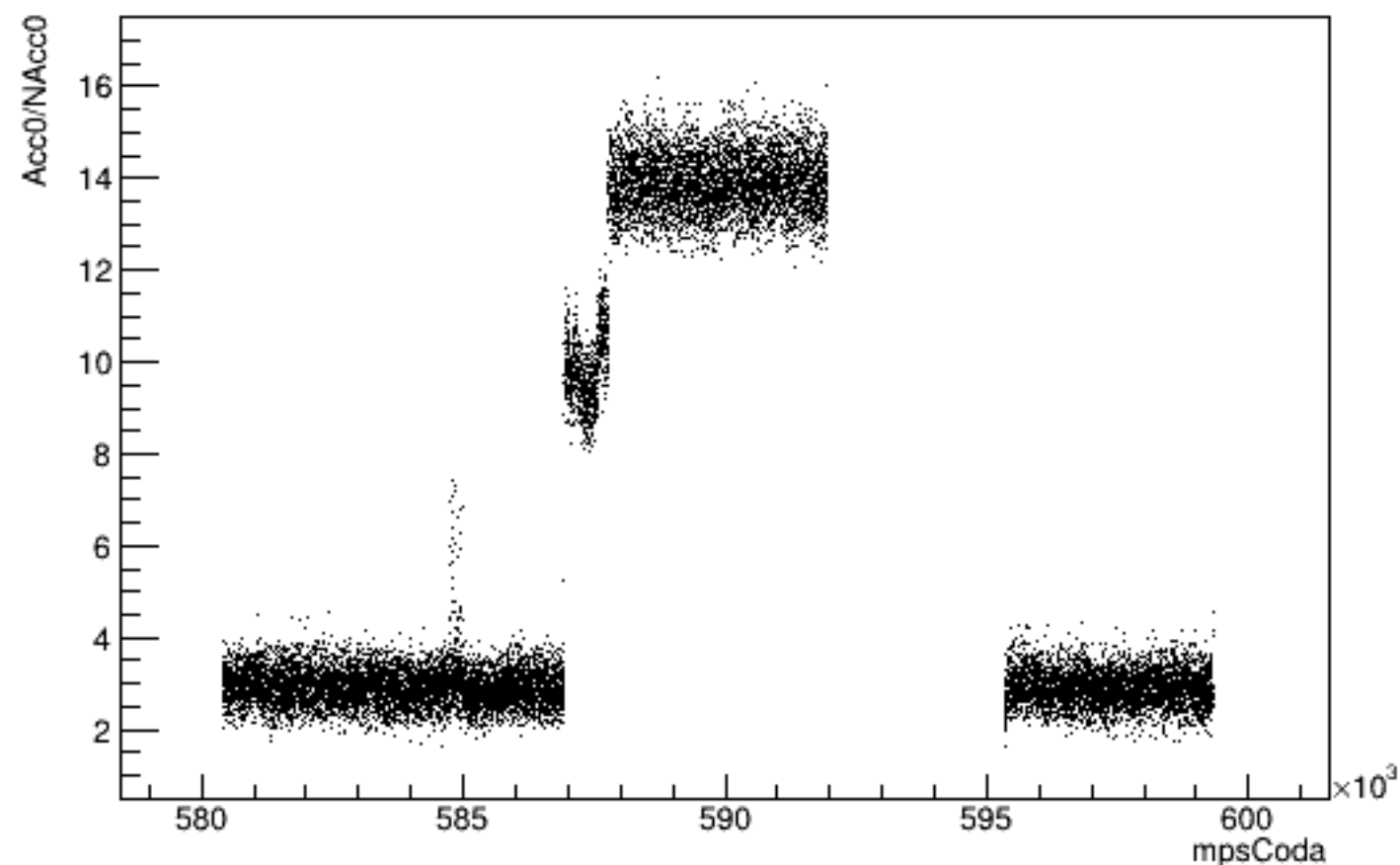
Mean: -0.0007 +/- 0.0005

Std Dev: 0.0168 +/- 0.0004

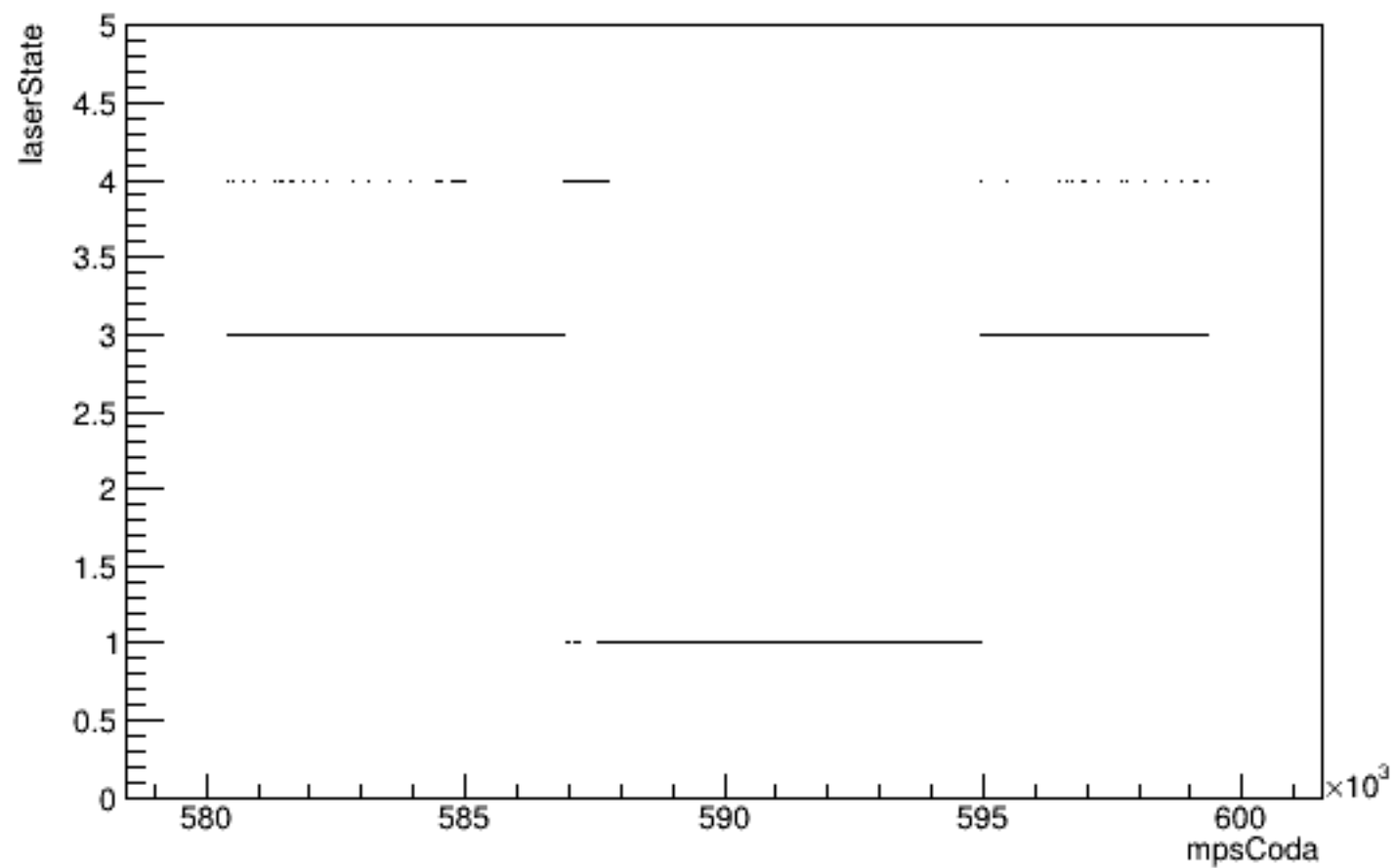
Run 6074 quartetwise, Asyms



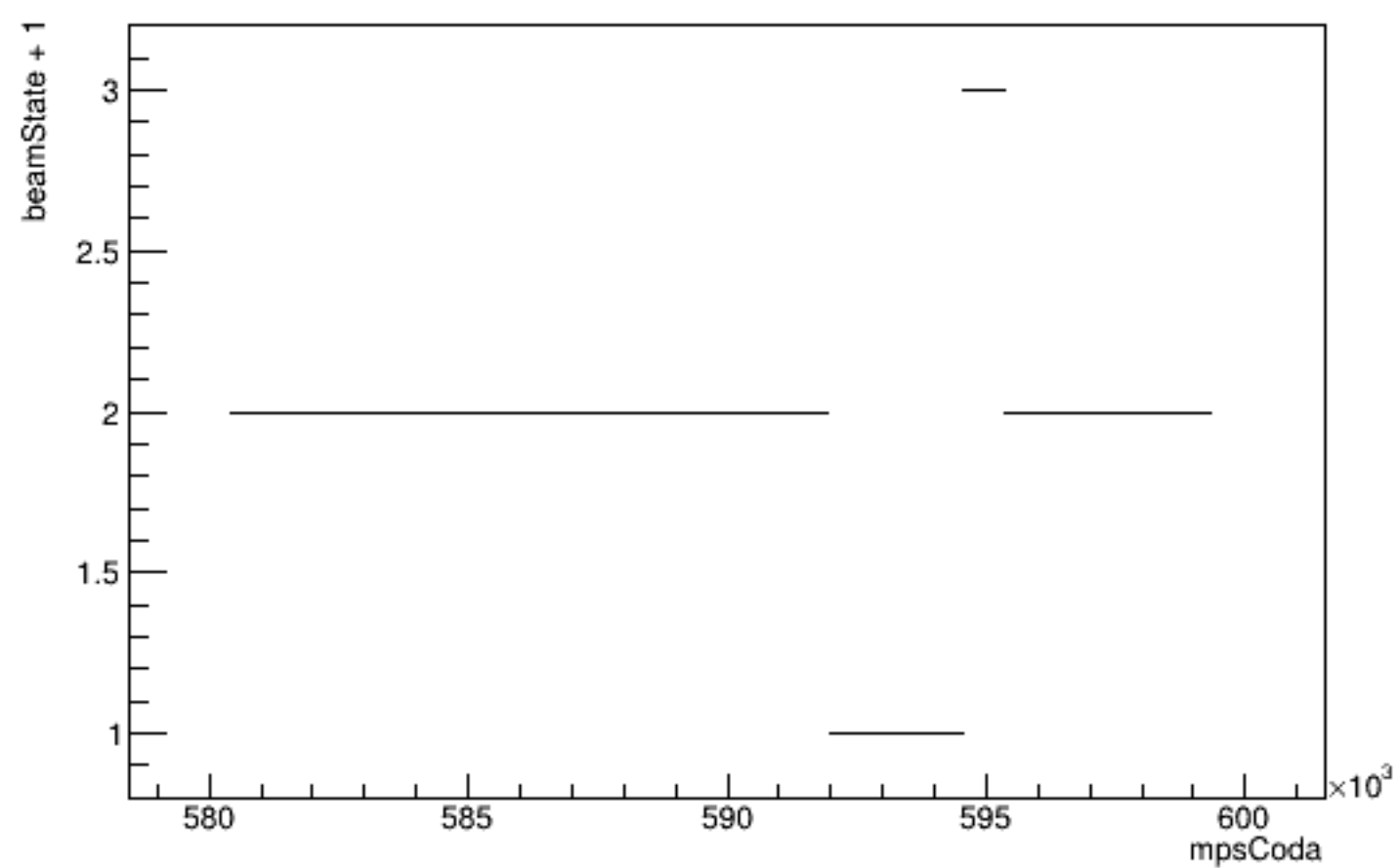
Acc0/NAcc0:mpsCoda (mpsCoda>=580411 && mpsCoda<=599318 && beamState==1)



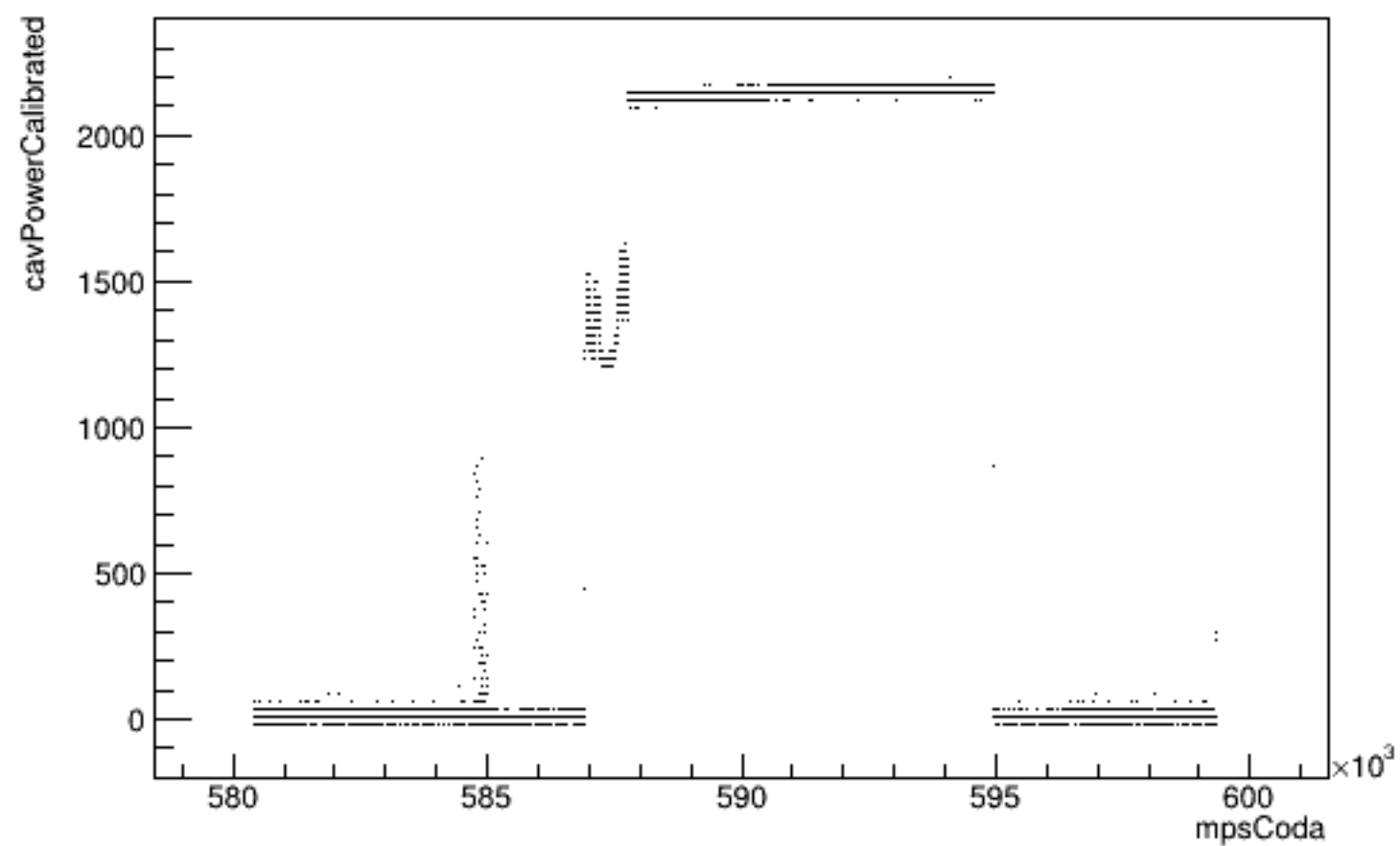
laserState:mpsCoda {mpsCoda>=580411 && mpsCoda<=599318}



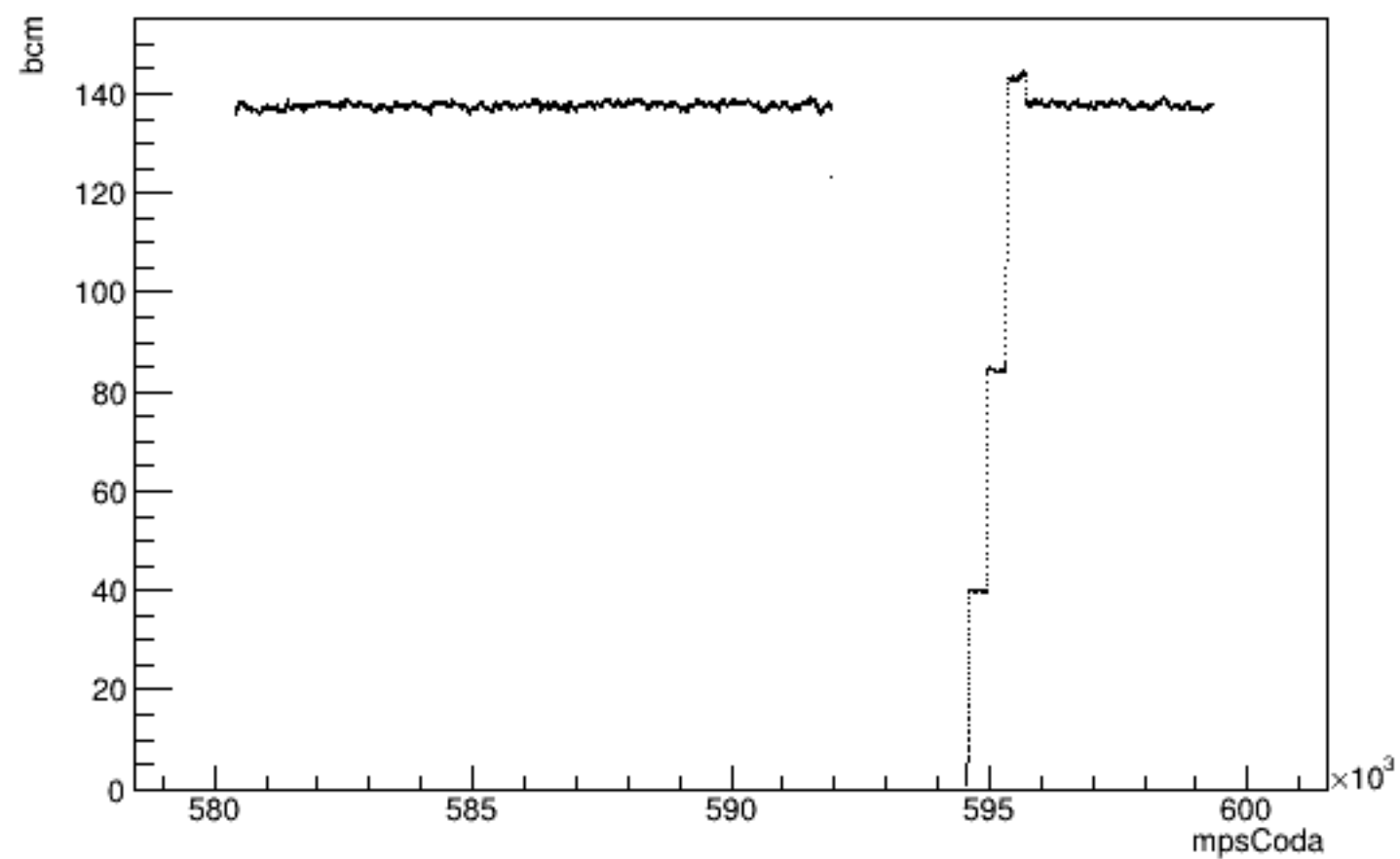
beamState + 1:mpsCoda {mpsCoda>=580411 && mpsCoda<=599318}



cavPowerCalibrated:mpsCoda {mpsCoda>=580411 && mpsCoda<=599318}



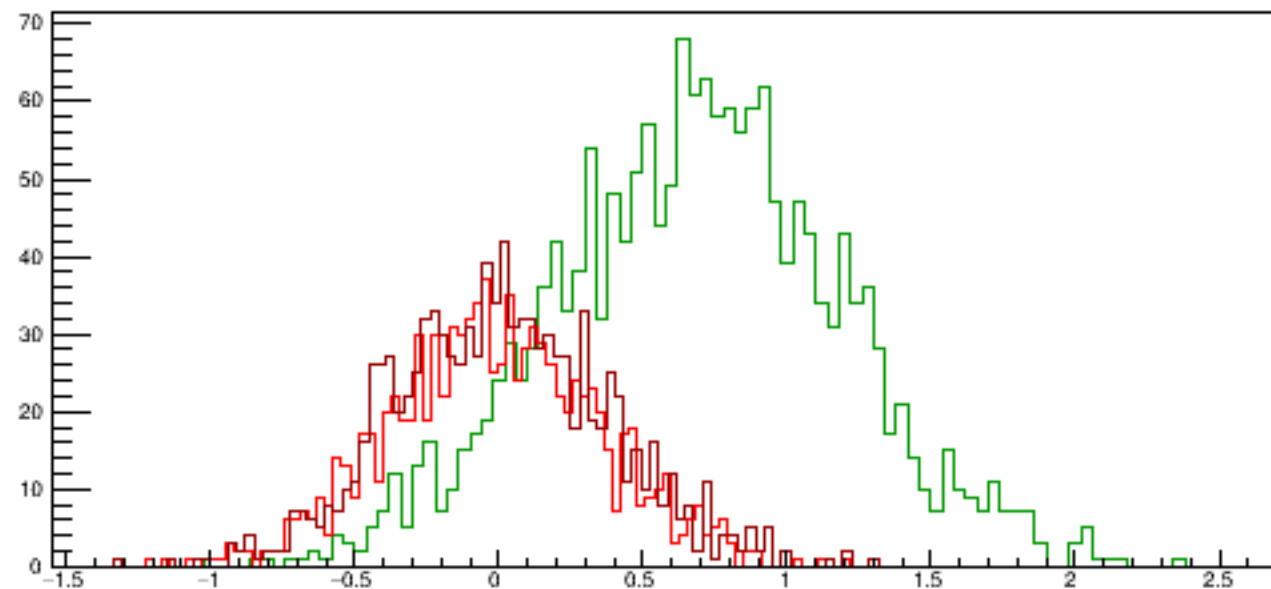
bcm:mpsCoda {mpsCoda>=580411 && mpsCoda<=599318}



Cycle 24, Diffs

Entries: 980	Entries: 1800	Entries: 1034
Mean: -0.0144 +/- 0.0117	Mean: 0.6872 +/- 0.0118	Mean: 0.0071 +/- 0.0117
Std Dev: 0.3655 +/- 0.0083	Std Dev: 0.5025 +/- 0.0084	Std Dev: 0.3755 +/- 0.0083

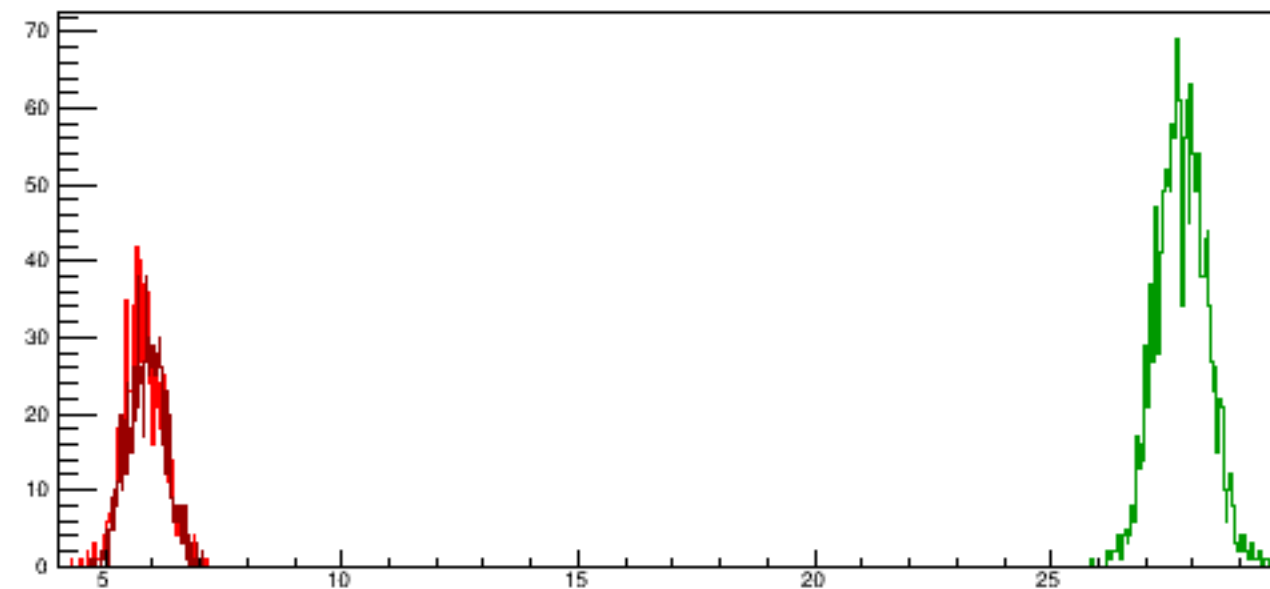
Run 6074 quartetwise, Diffs



Cycle 24, Sums

Entries: 980	Entries: 1800	Entries: 1034
Mean: 5.8016 +/- 0.0133	Mean: 27.7607 +/- 0.0125	Mean: 5.8733 +/- 0.0125
Std Dev: 0.4163 +/- 0.0094	Std Dev: 0.5308 +/- 0.0088	Std Dev: 0.4004 +/- 0.0088

Run 6074 quartetwise, Sums

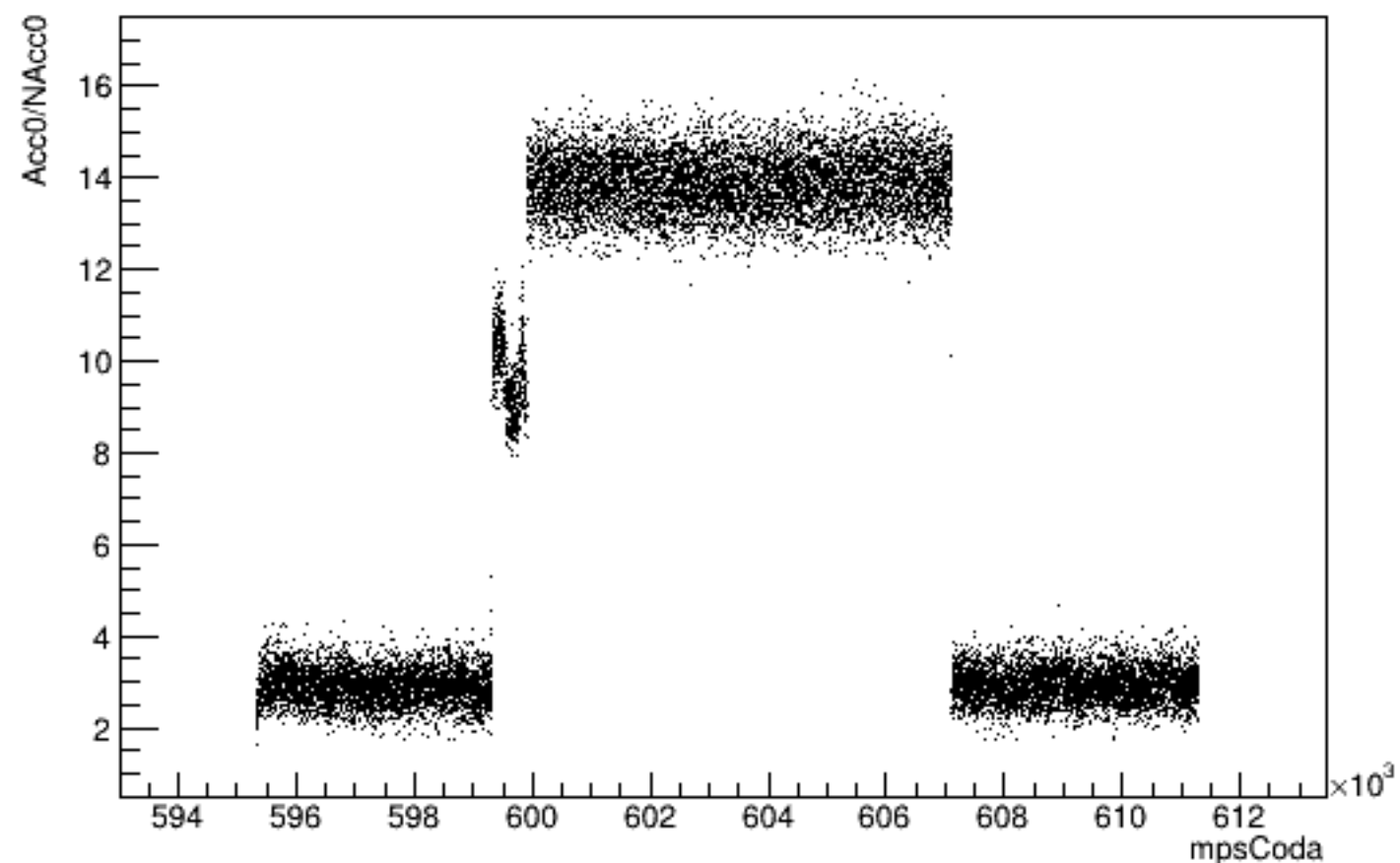
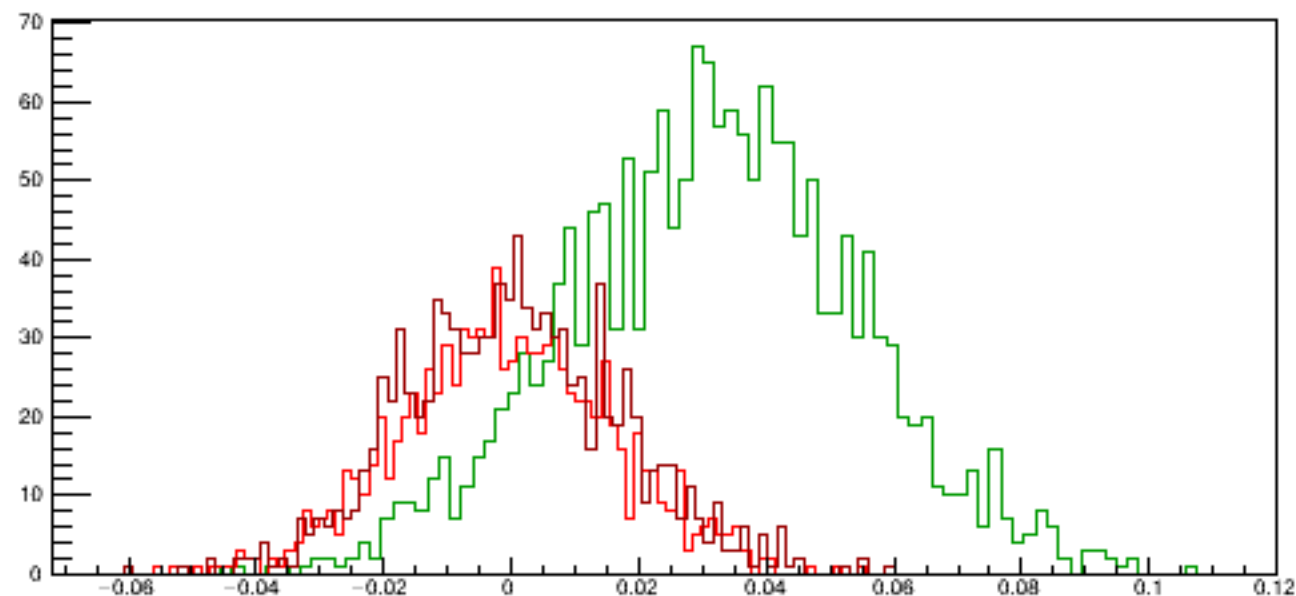


Acc0/NAcc0:mpsCoda (mpsCoda>=594975 && mpsCoda<=611470 && beamState==1)

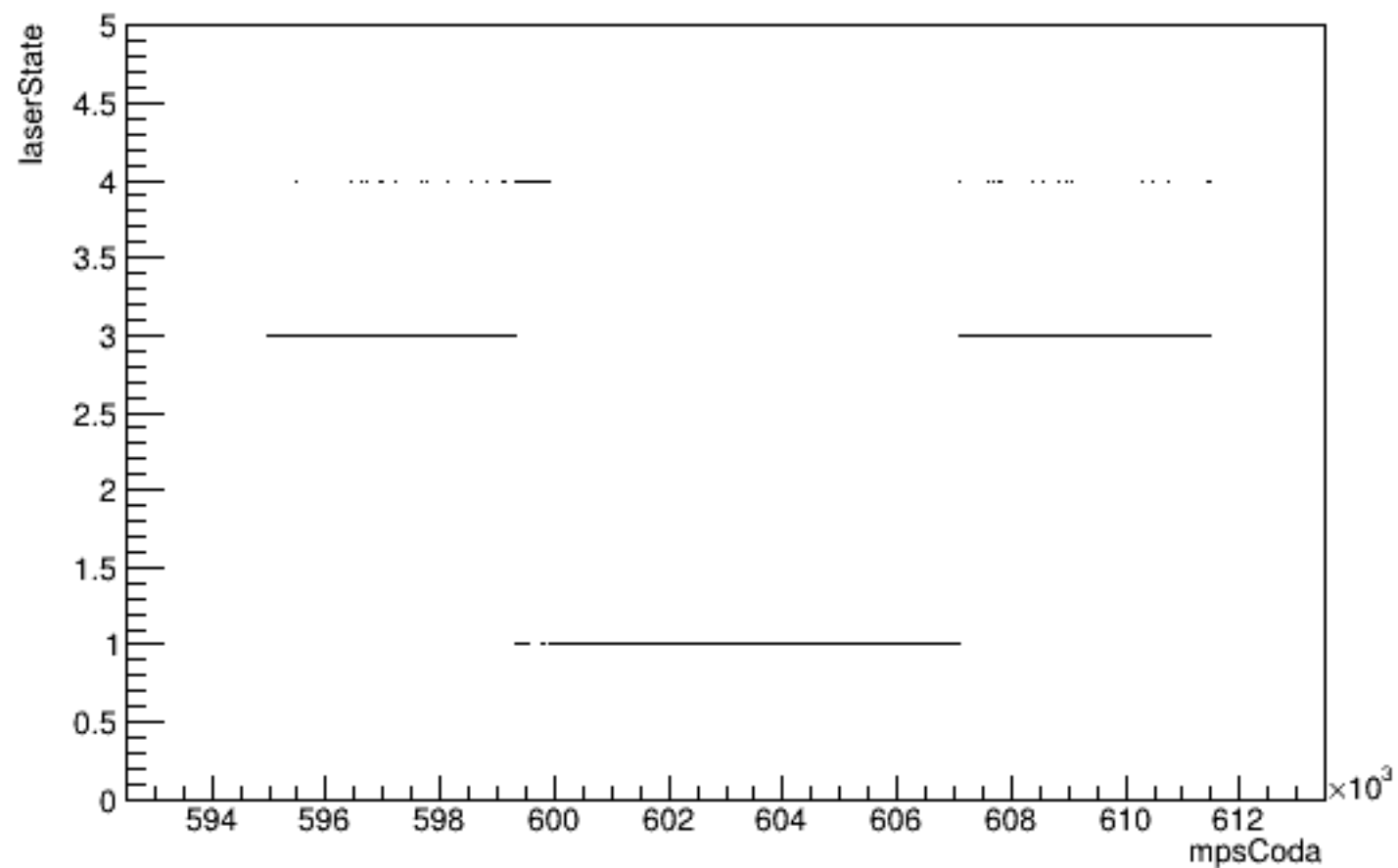
Cycle 24, Asyms

Entries: 980	Entries: 1800	Entries: 1034
Mean: -0.0007 +/- 0.0005	Mean: 0.0314 +/- 0.0005	Mean: 0.0003 +/- 0.0005
Std Dev: 0.0167 +/- 0.0004	Std Dev: 0.0229 +/- 0.0004	Std Dev: 0.0171 +/- 0.0004

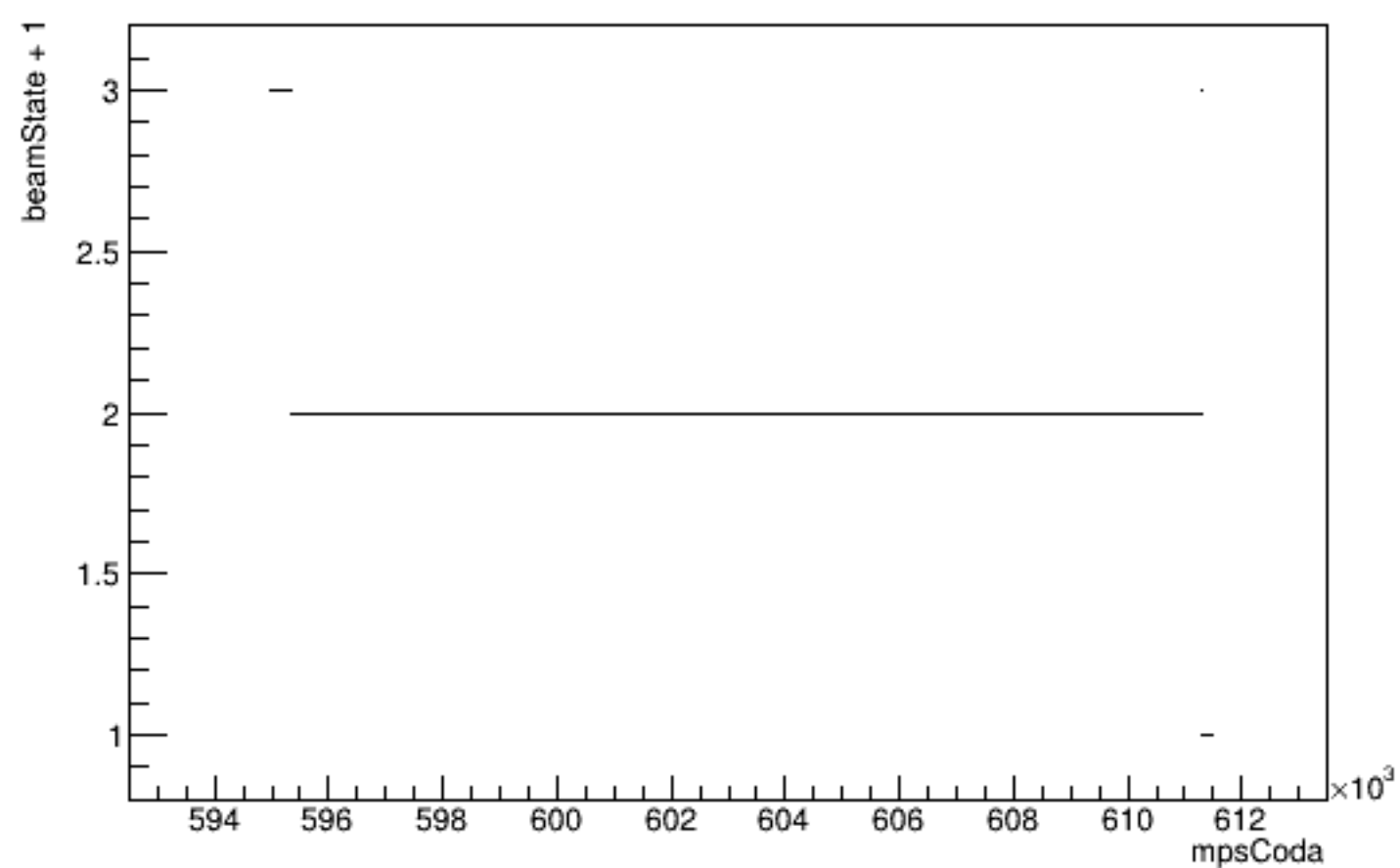
Run 6074 quartetwise, Asyms



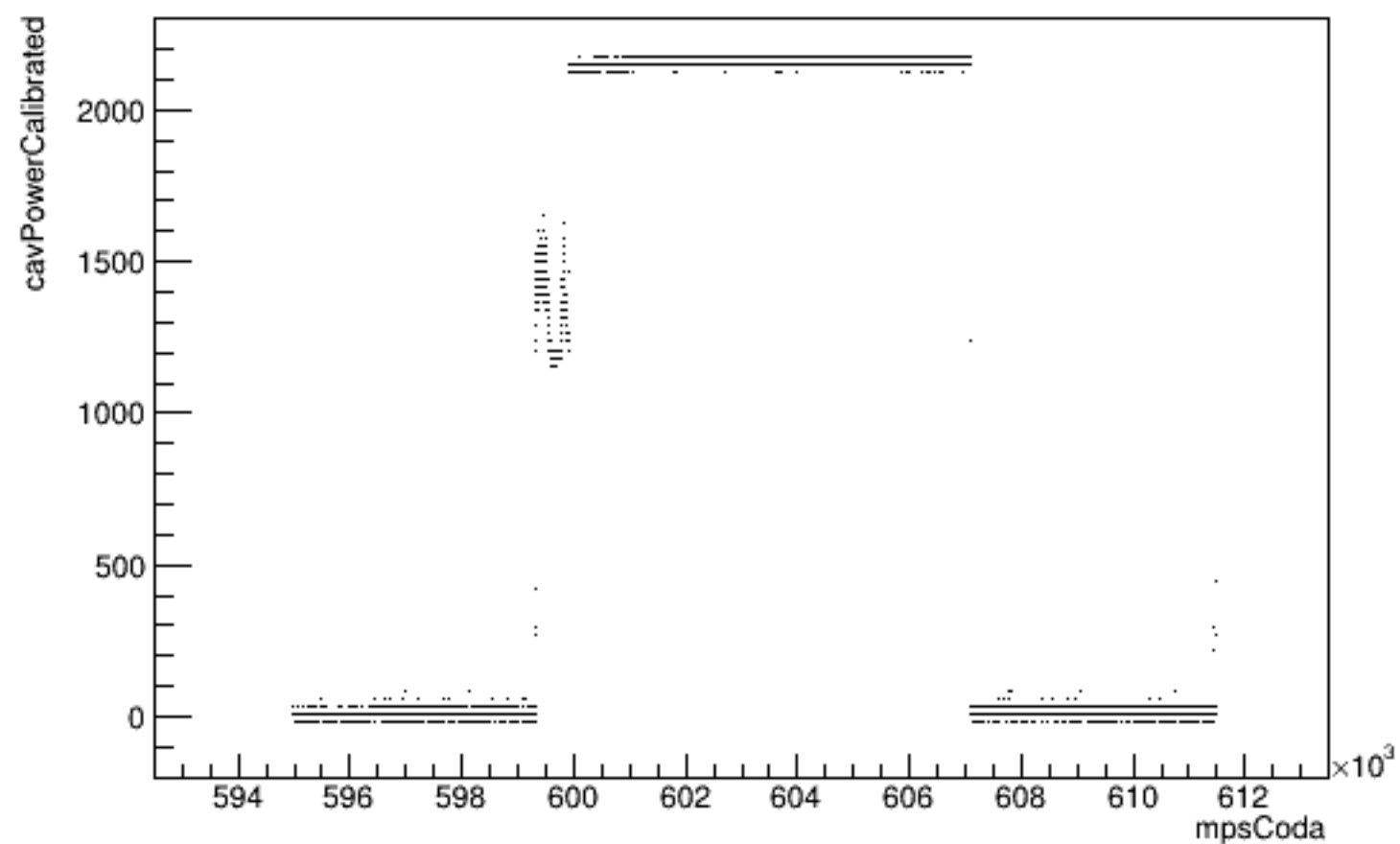
laserState:mpsCoda {mpsCoda>=594975 && mpsCoda<=611470}



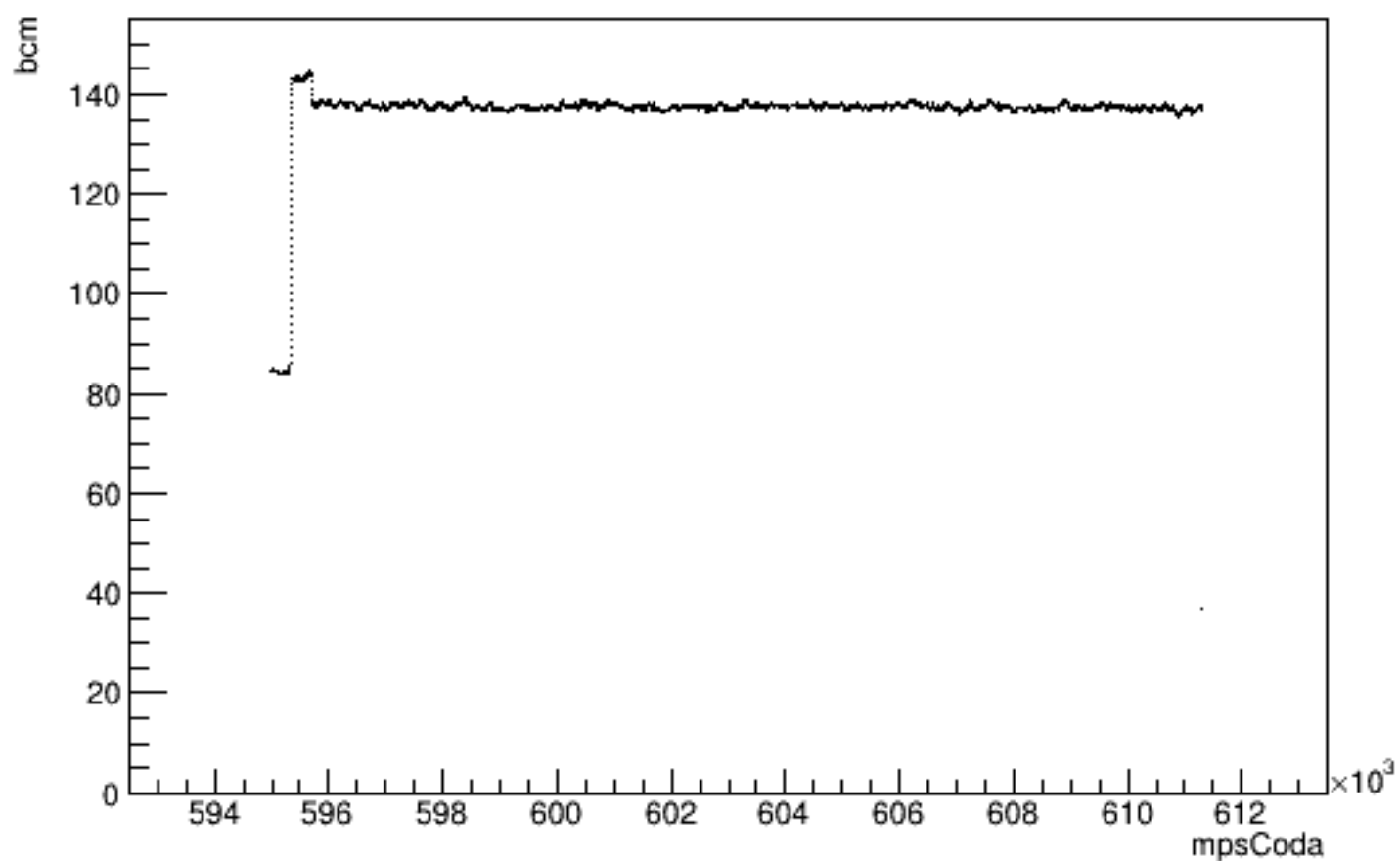
beamState + 1:mpsCoda {mpsCoda>=594975 && mpsCoda<=611470}



cavPowerCalibrated:mpsCoda {mpsCoda>=594975 && mpsCoda<=611470}



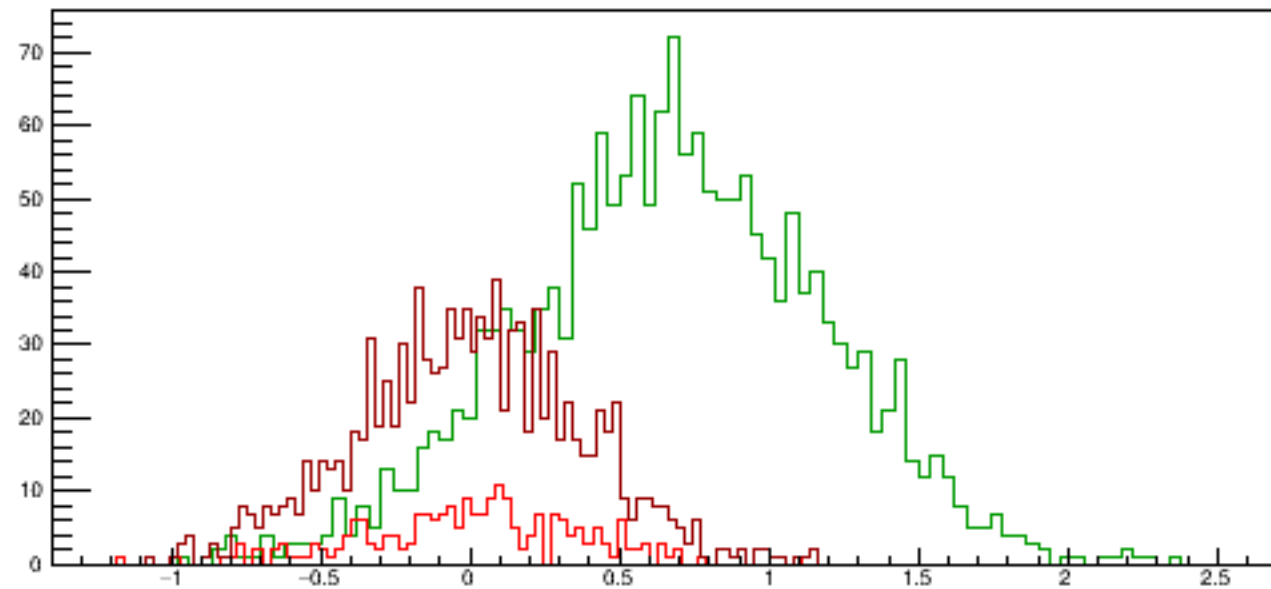
bcm:mpsCoda {mpsCoda>=594975 && mpsCoda<=611470}



Cycle 25, Diffs

Entries: 224	Entries: 1801	Entries: 1110
Mean: 0.0007 +/- 0.0241	Mean: 0.6710 +/- 0.0120	Mean: -0.0023 +/- 0.0112
Std Dev: 0.3613 +/- 0.0171	Std Dev: 0.5088 +/- 0.0085	Std Dev: 0.3720 +/- 0.0079

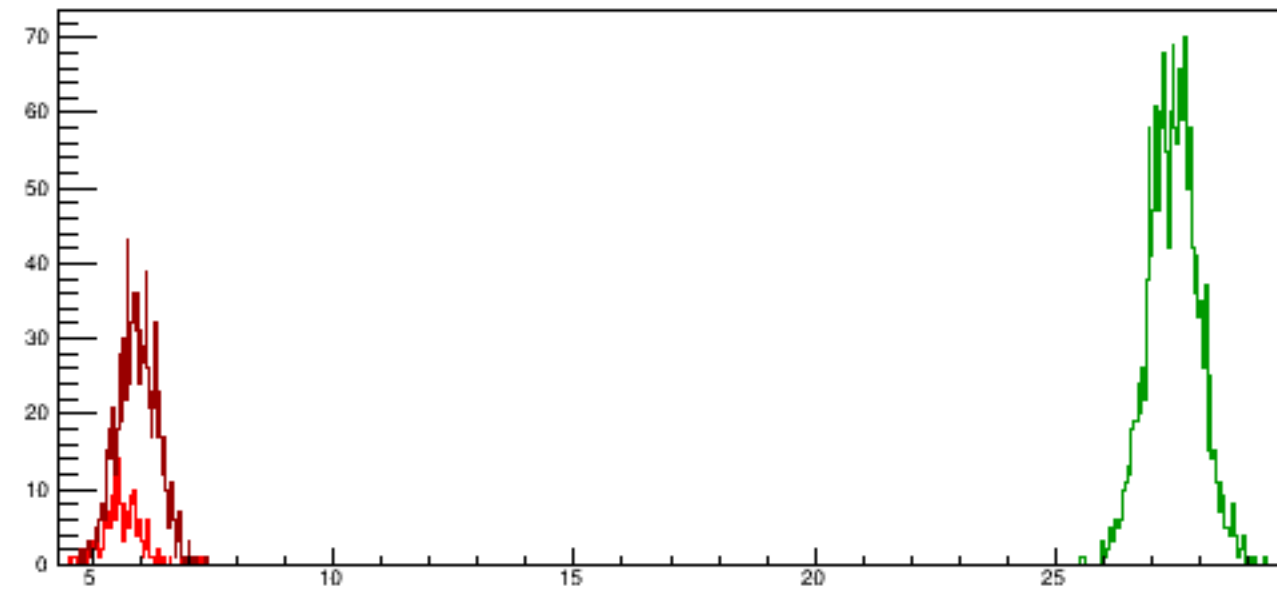
Run 6074 quartetwise, Diffs



Cycle 25, Sums

Entries: 224	Entries: 1801	Entries: 1110
Mean: 5.6262 +/- 0.0252	Mean: 27.4262 +/- 0.0123	Mean: 5.9272 +/- 0.0121
Std Dev: 0.3778 +/- 0.0178	Std Dev: 0.5207 +/- 0.0087	Std Dev: 0.4042 +/- 0.0086

Run 6074 quartetwise, Sums

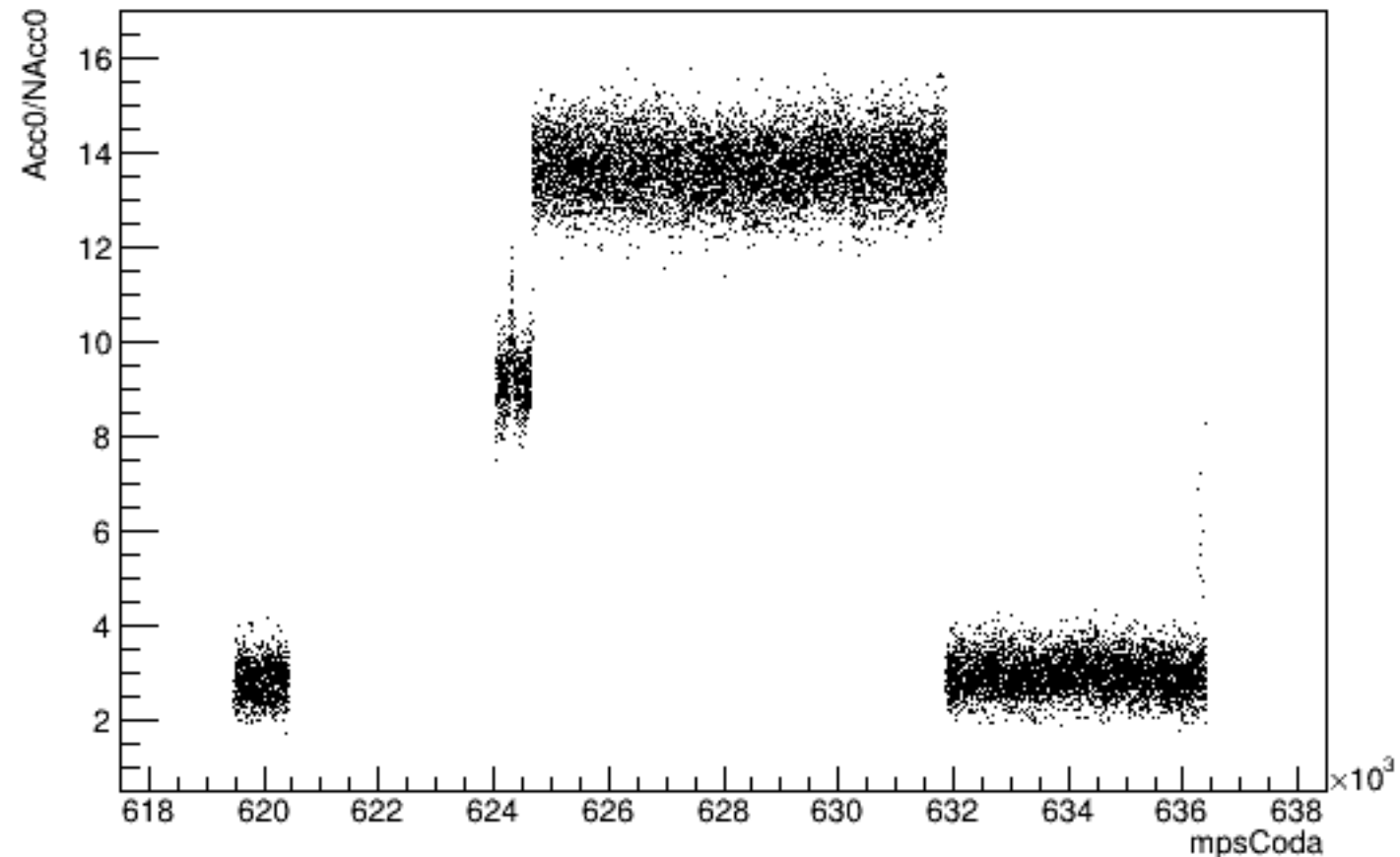
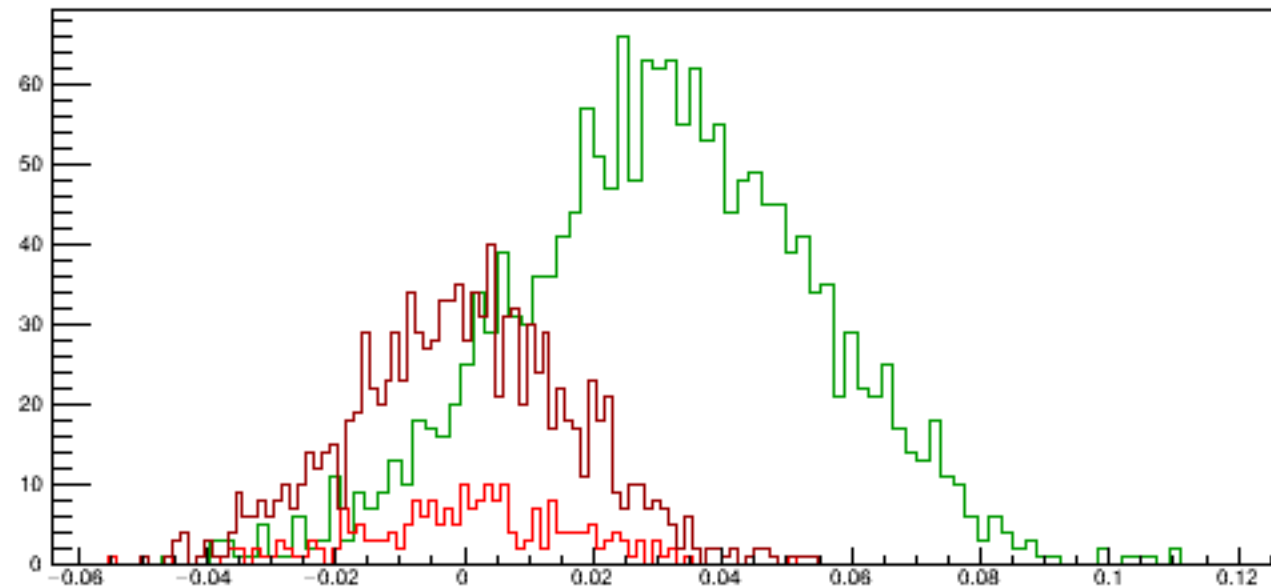


Acc0/NAcc0:mpsCoda (mpsCoda>=619491 && mpsCoda<=636398 && beamState==1)

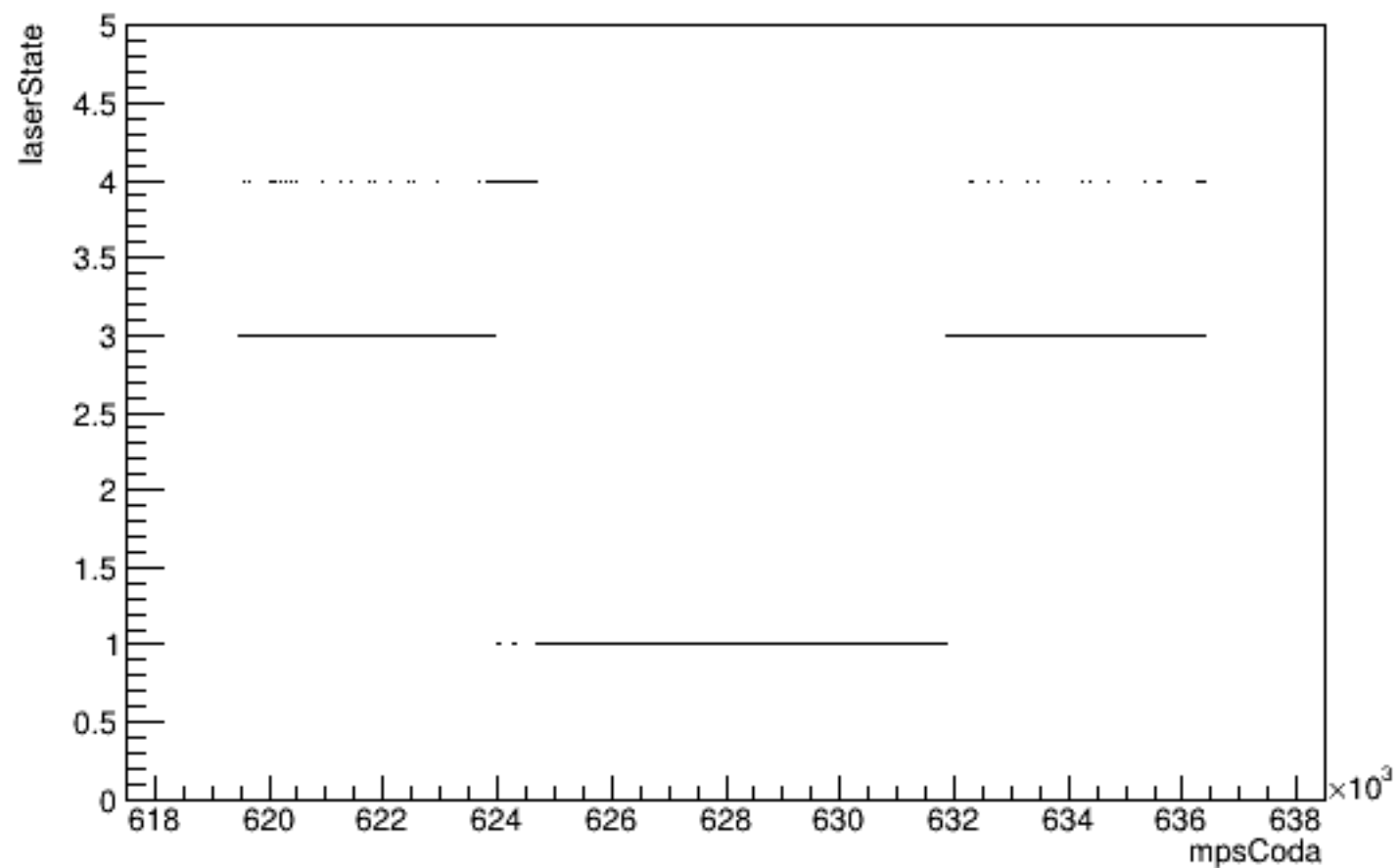
Cycle 25, Asyms

Entries: 224	Entries: 1801	Entries: 1110
Mean: 0.0000 +/- 0.0011	Mean: 0.0310 +/- 0.0006	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0167 +/- 0.0008	Std Dev: 0.0235 +/- 0.0004	Std Dev: 0.0172 +/- 0.0004

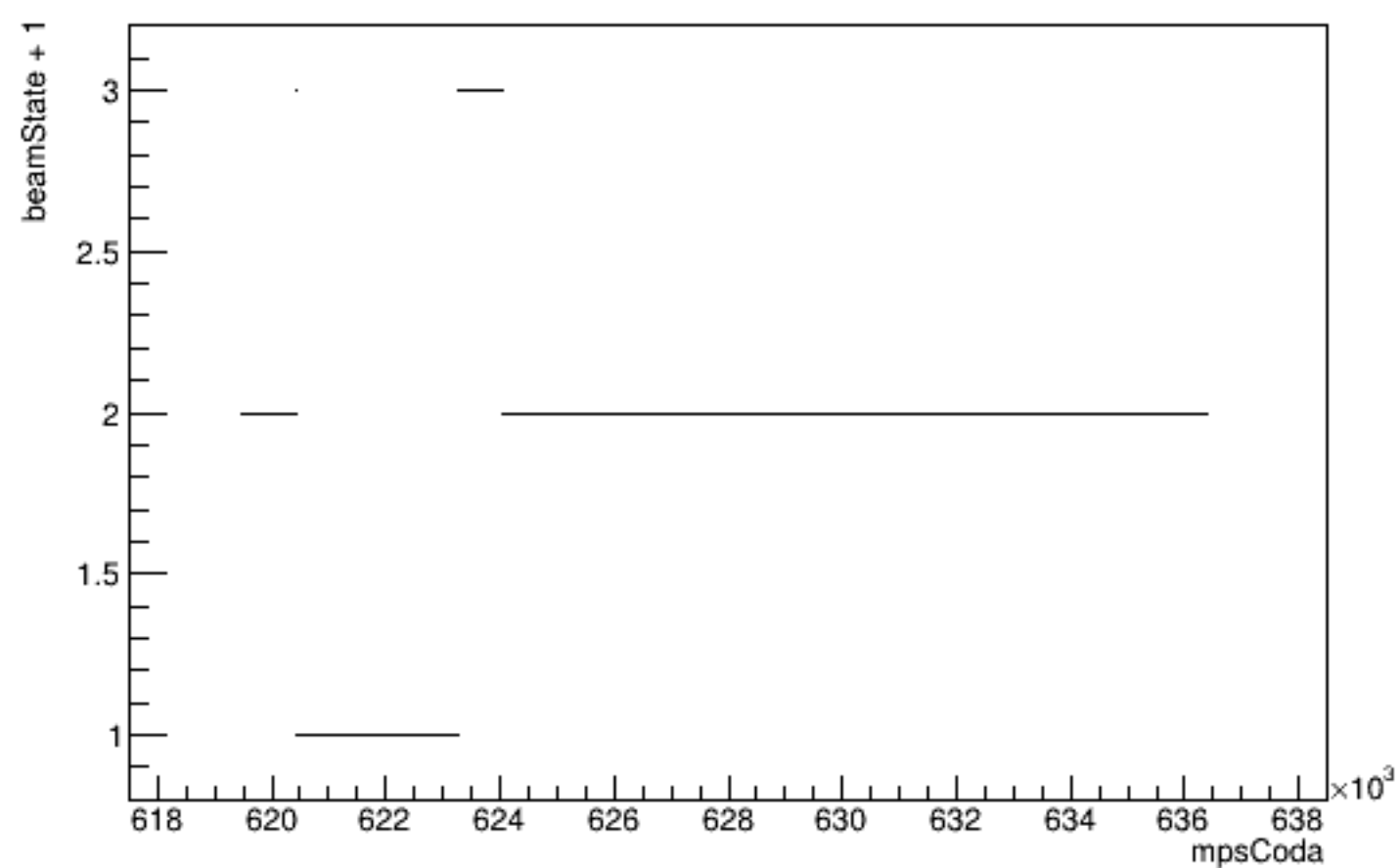
Run 6074 quartetwise, Asyms



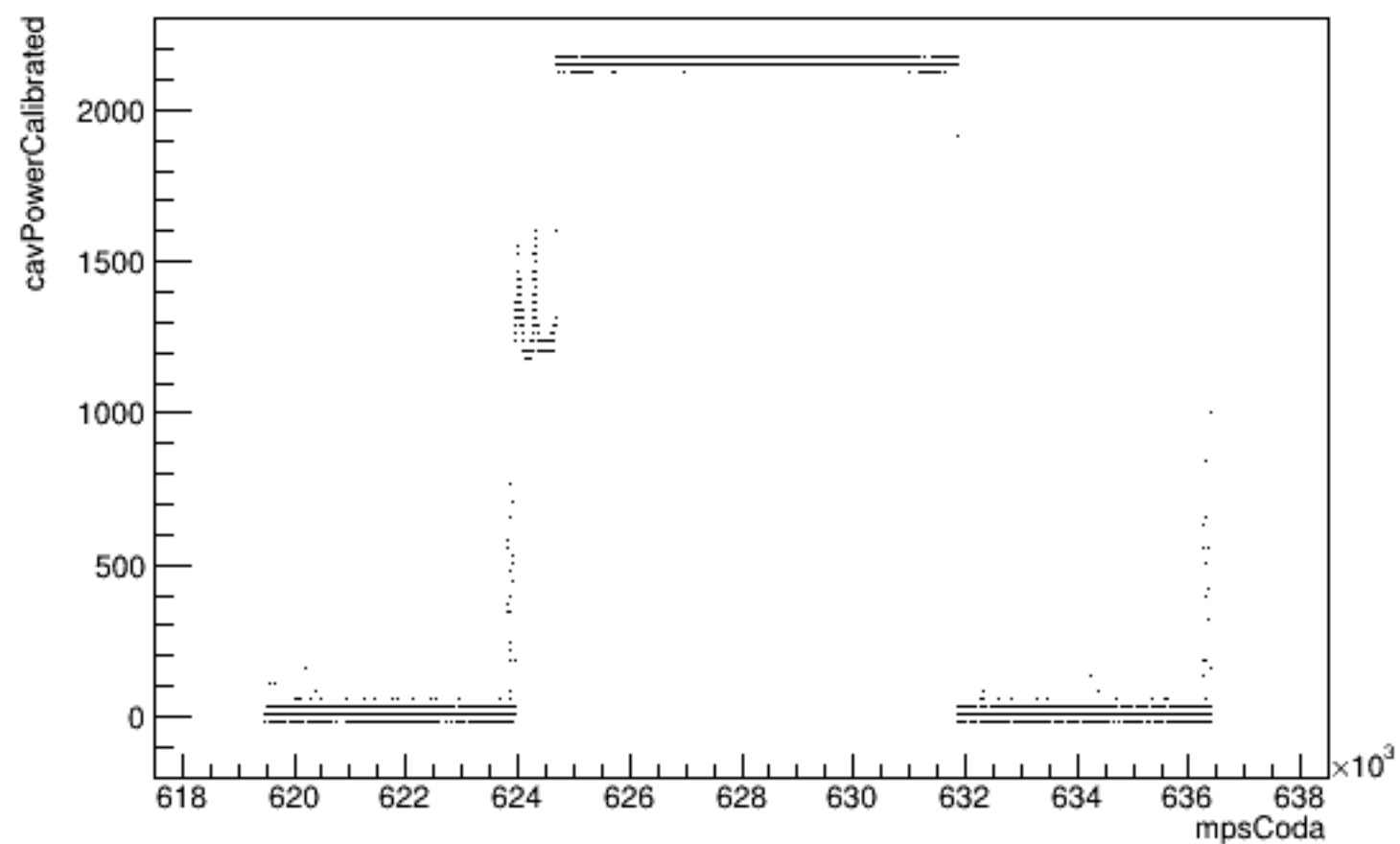
laserState:mpsCoda {mpsCoda>=619491 && mpsCoda<=636398}



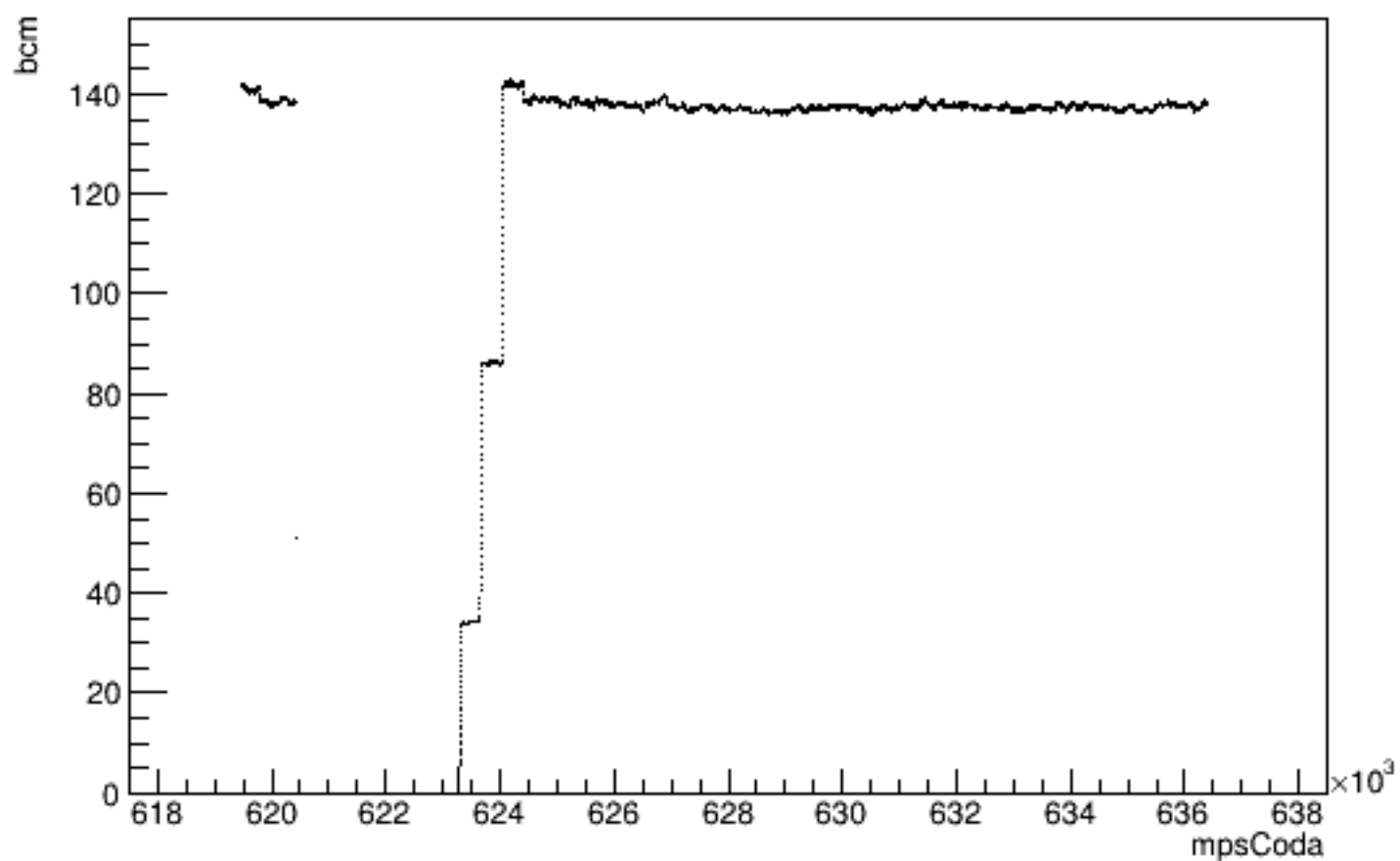
beamState + 1:mpsCoda {mpsCoda>=619491 && mpsCoda<=636398}



cavPowerCalibrated:mpsCoda {mpsCoda>=619491 && mpsCoda<=636398}



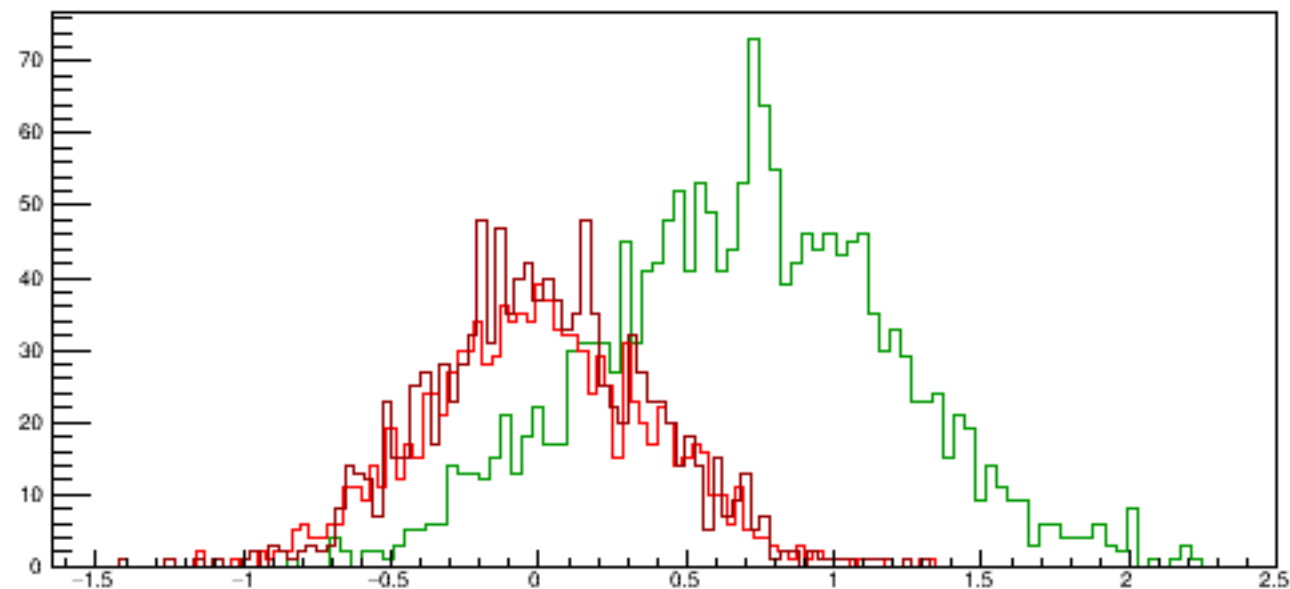
bcm:mpsCoda {mpsCoda>=619491 && mpsCoda<=636398}



Cycle 26, Diffs

Entries: 1107	Entries: 1801	Entries: 1133
Mean: -0.0011 +/- 0.0114	Mean: 0.6942 +/- 0.0119	Mean: 0.0041 +/- 0.0110
Std Dev: 0.3802 +/- 0.0081	Std Dev: 0.5068 +/- 0.0084	Std Dev: 0.3710 +/- 0.0078

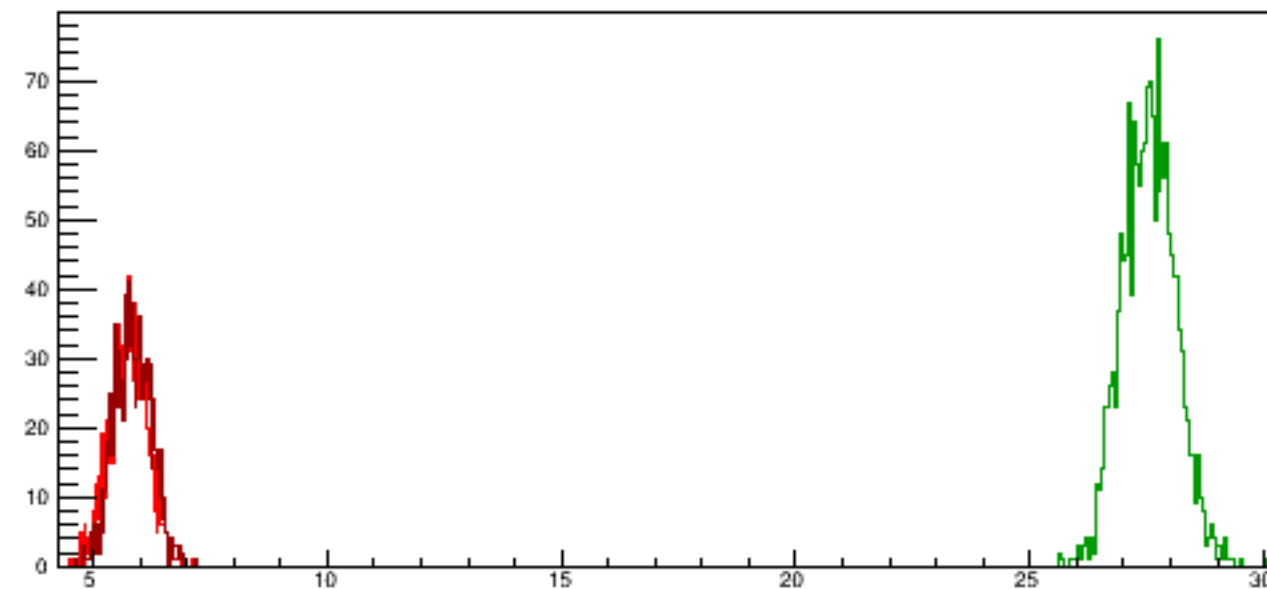
Run 6074 quartetwise, Diffs



Cycle 26, Sums

Entries: 1107	Entries: 1801	Entries: 1133
Mean: 5.7522 +/- 0.0121	Mean: 27.5432 +/- 0.0134	Mean: 5.8463 +/- 0.0117
Std Dev: 0.4017 +/- 0.0085	Std Dev: 0.5671 +/- 0.0094	Std Dev: 0.3926 +/- 0.0082

Run 6074 quartetwise, Sums

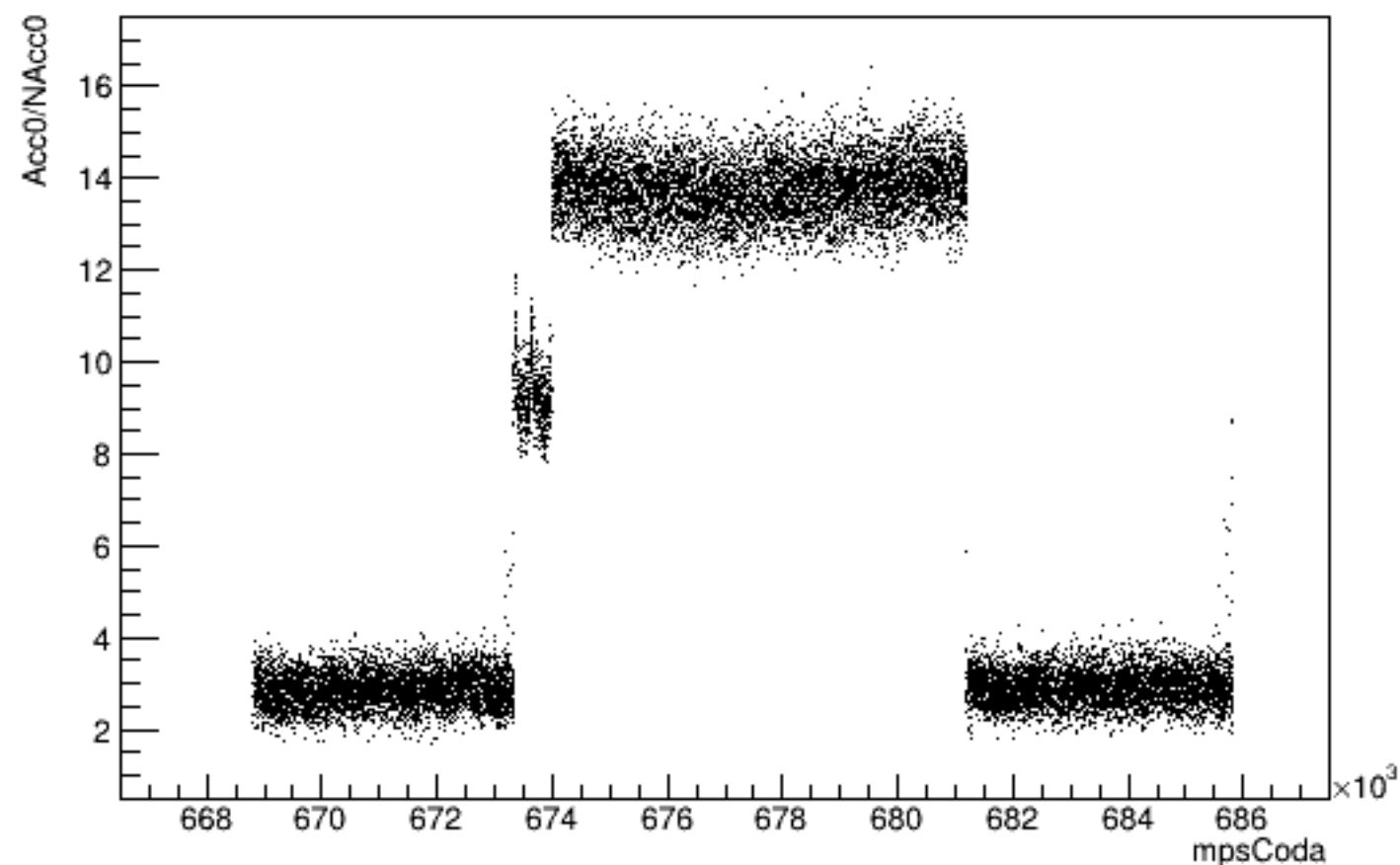
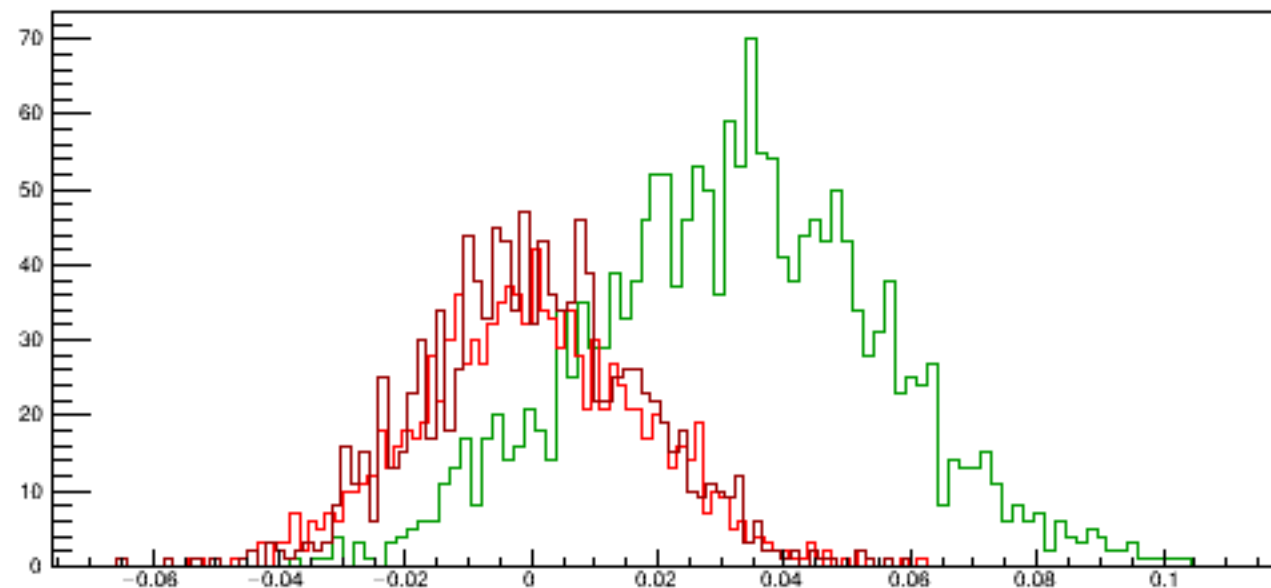


Acc0/NAcc0:mpsCoda (mpsCoda>=668811 && mpsCoda<=685818 && beamState==1)

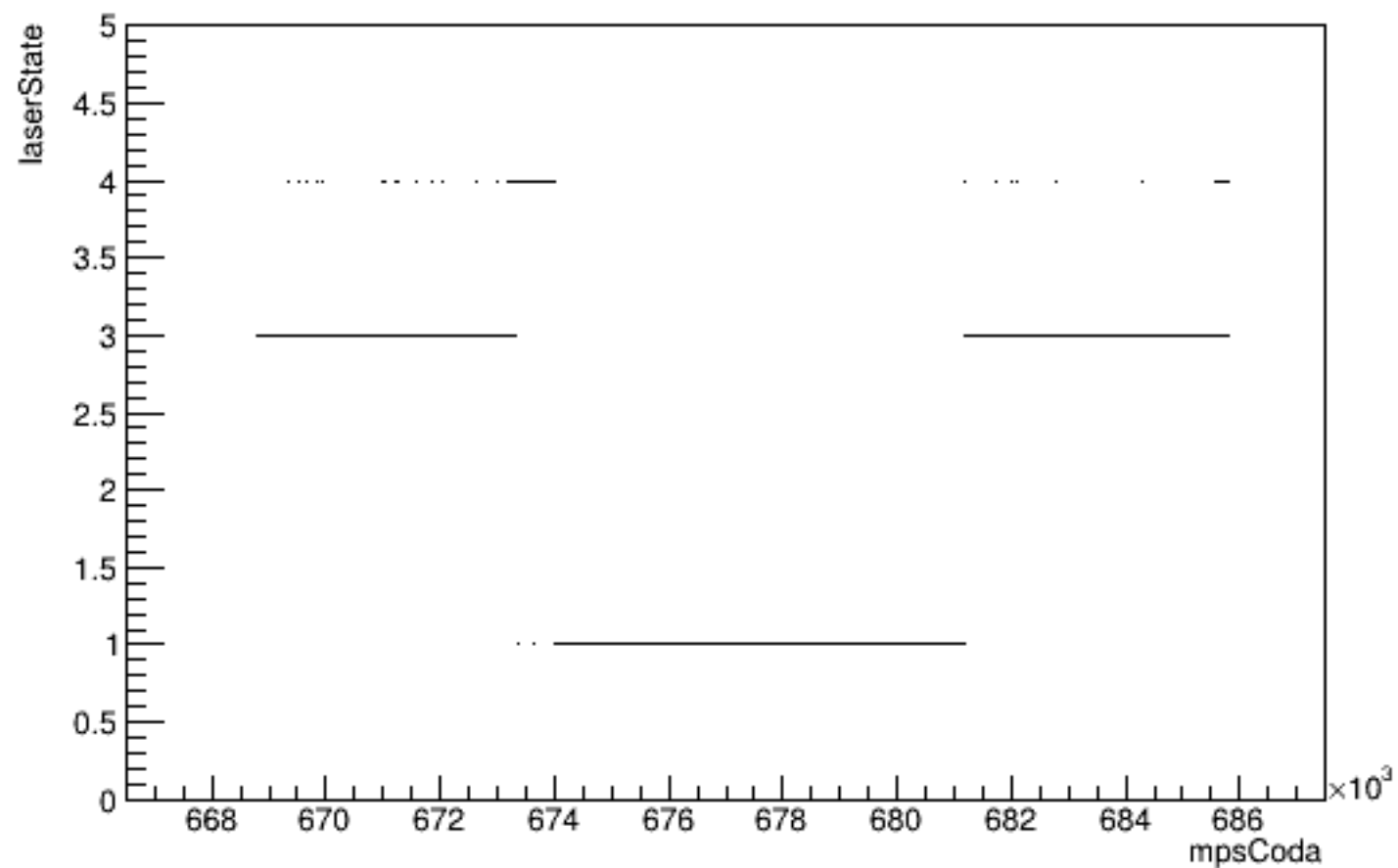
Cycle 26, Asyms

Entries: 1107	Entries: 1801	Entries: 1133
Mean: -0.0000 +/- 0.0005	Mean: 0.0320 +/- 0.0005	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0175 +/- 0.0004	Std Dev: 0.0233 +/- 0.0004	Std Dev: 0.0171 +/- 0.0004

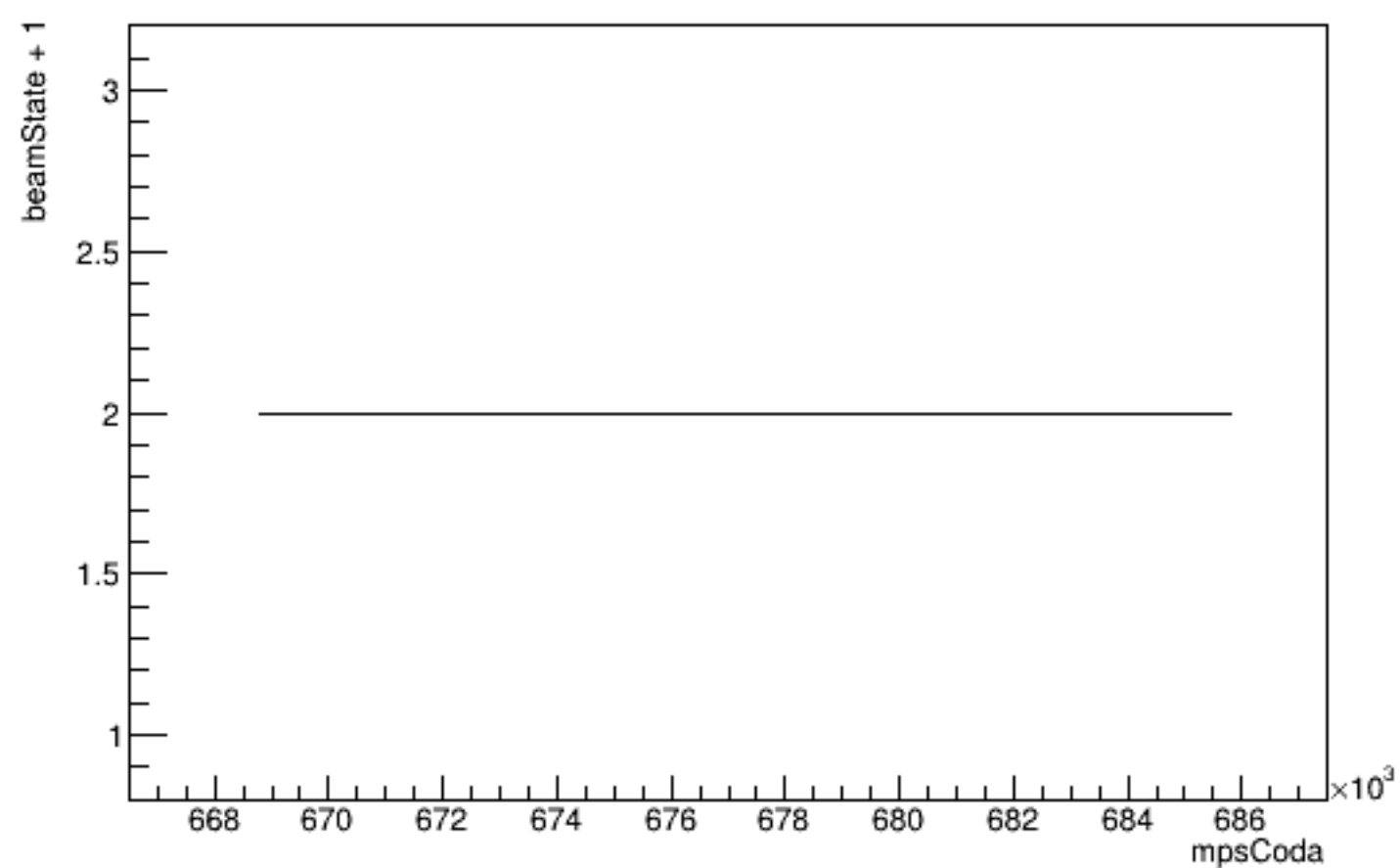
Run 6074 quartetwise, Asyms



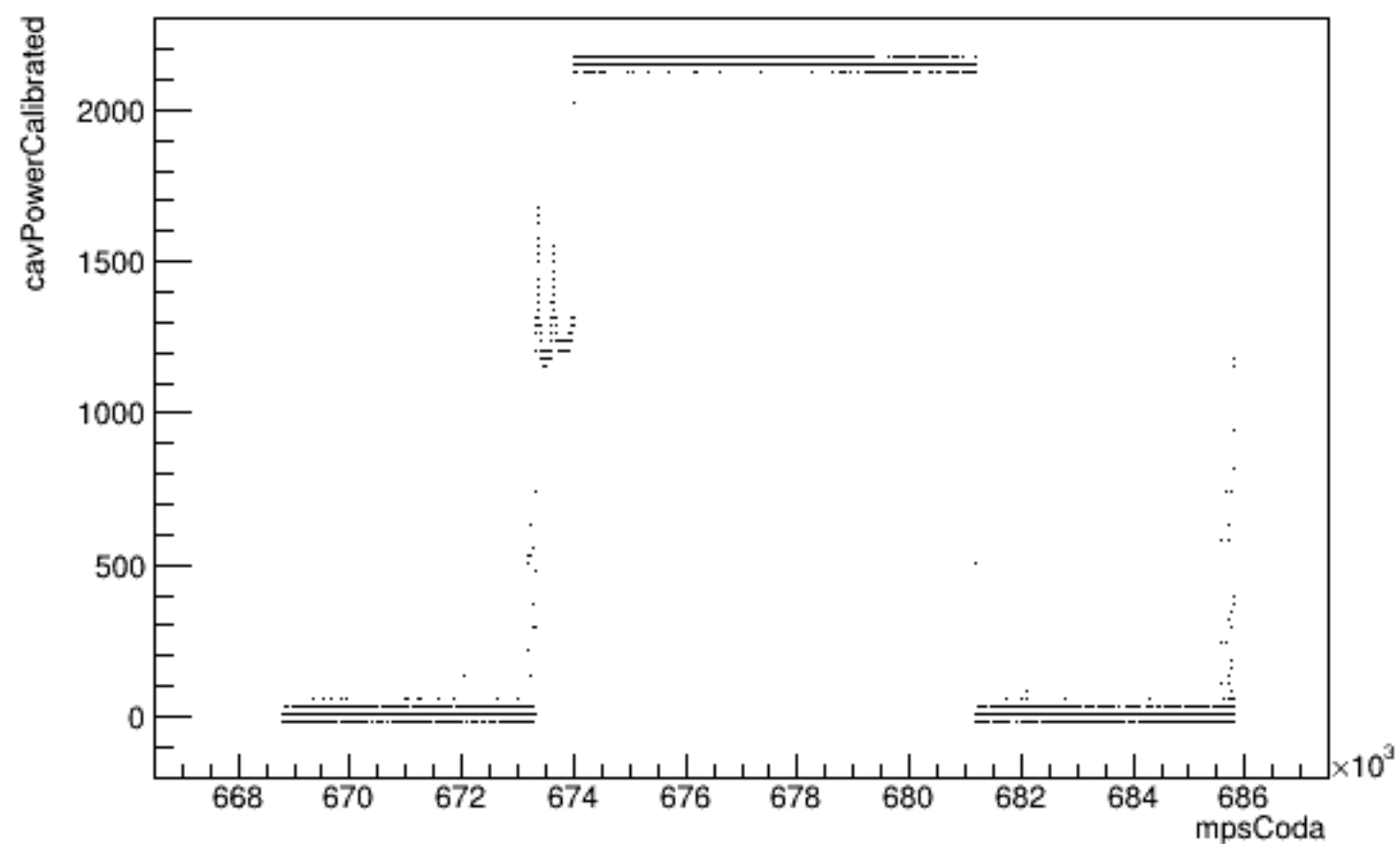
laserState:mpsCoda {mpsCoda>=668811 && mpsCoda<=685818}



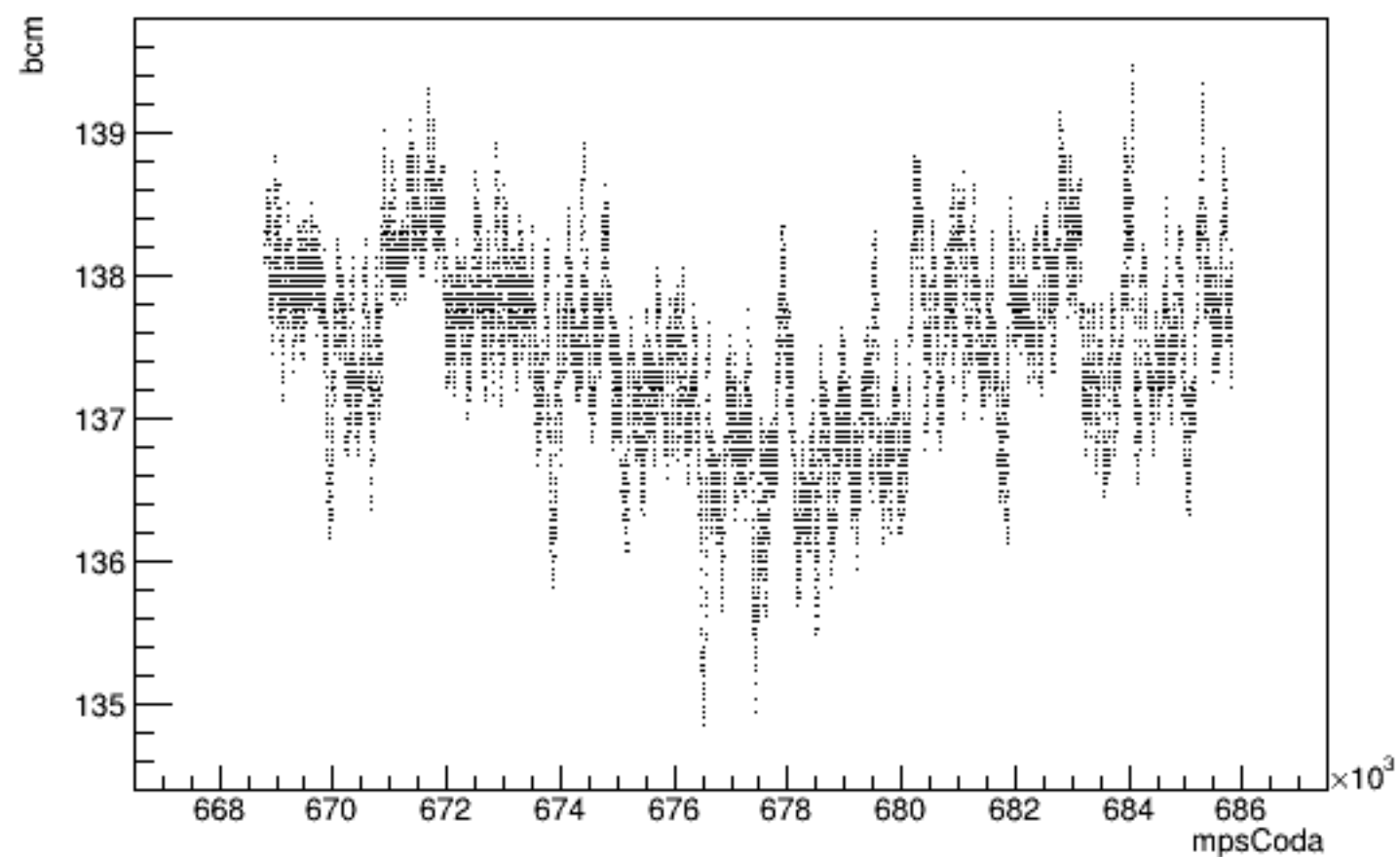
beamState + 1:mpsCoda {mpsCoda>=668811 && mpsCoda<=685818}



cavPowerCalibrated:mpsCoda {mpsCoda>=668811 && mpsCoda<=685818}



bcm:mpsCoda {mpsCoda>=668811 && mpsCoda<=685818}



Cycle 27, Diffs

Entries: 1133

Mean: 0.0041 +/- 0.0110

Std Dev: 0.3710 +/- 0.0078

Entries: 1800

Mean: 0.6902 +/- 0.0116

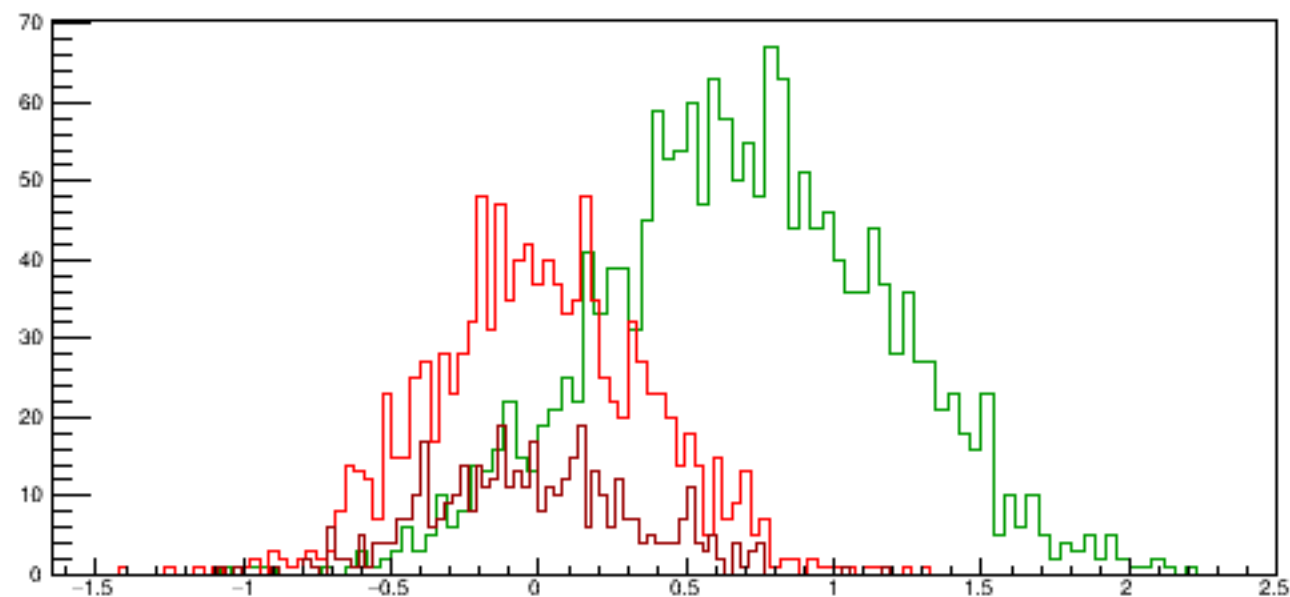
Std Dev: 0.4912 +/- 0.0082

Entries: 441

Mean: -0.0213 +/- 0.0167

Std Dev: 0.3505 +/- 0.0118

Run 6074 quartetwise, Diffs



Cycle 27, Sums

Entries: 1133

Mean: 5.8463 +/- 0.0117

Std Dev: 0.3926 +/- 0.0082

Entries: 1800

Mean: 27.7354 +/- 0.0128

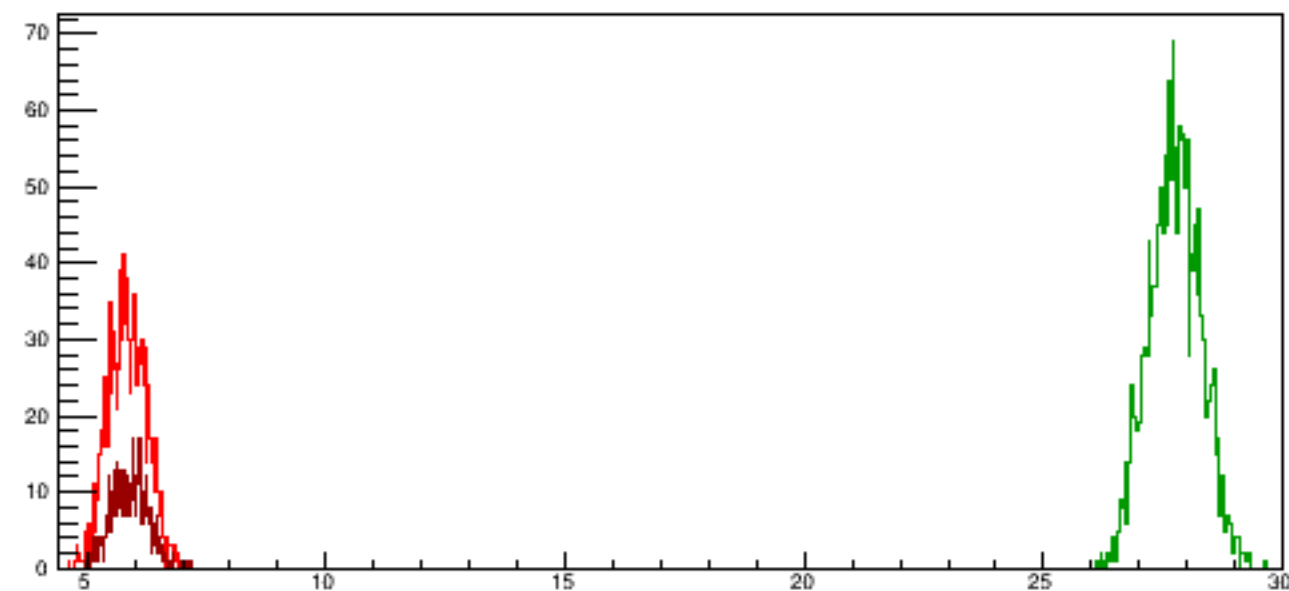
Std Dev: 0.5411 +/- 0.0090

Entries: 441

Mean: 5.9054 +/- 0.0179

Std Dev: 0.3756 +/- 0.0126

Run 6074 quartetwise, Sums



Cycle 27, Asyms

Entries: 1133

Mean: 0.0002 +/- 0.0005

Std Dev: 0.0170 +/- 0.0004

Entries: 1800

Mean: 0.0316 +/- 0.0005

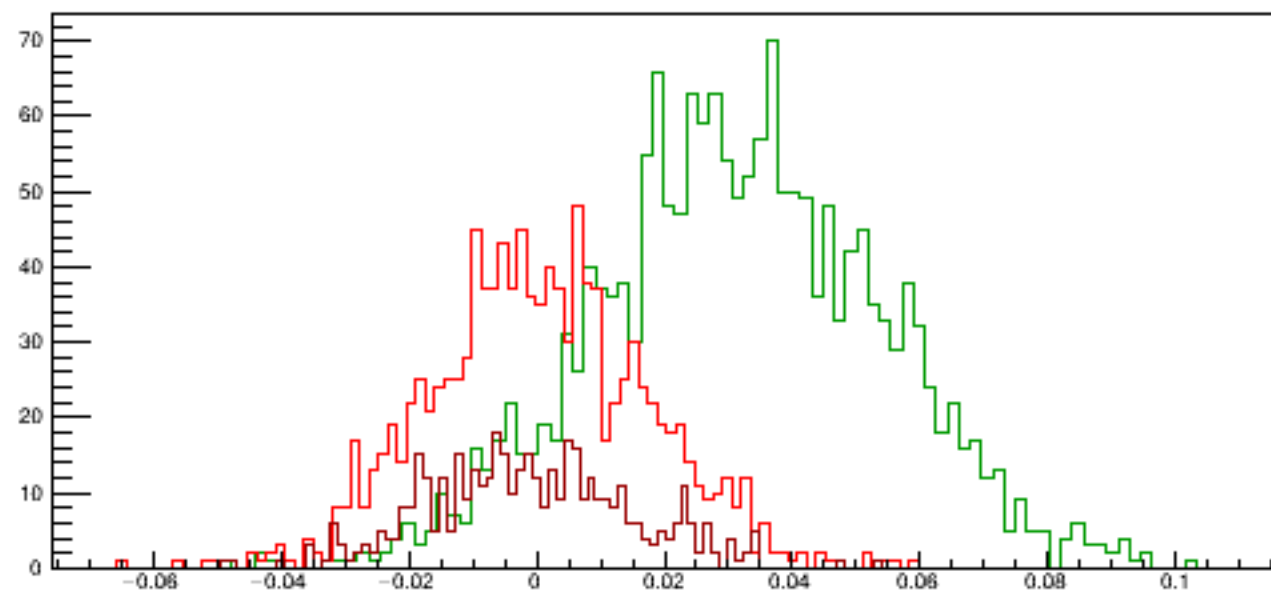
Std Dev: 0.0225 +/- 0.0004

Entries: 441

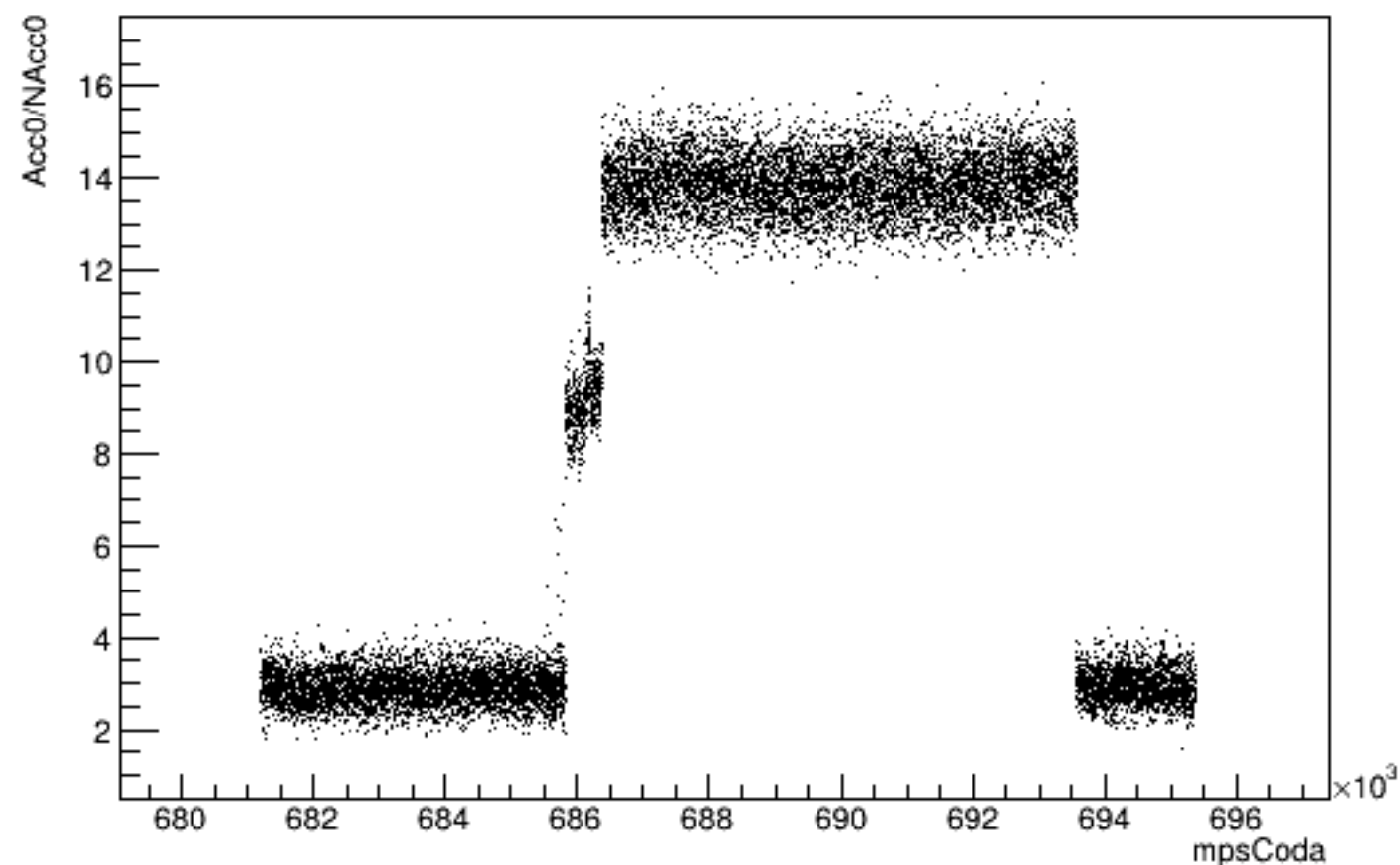
Mean: -0.0010 +/- 0.0008

Std Dev: 0.0160 +/- 0.0005

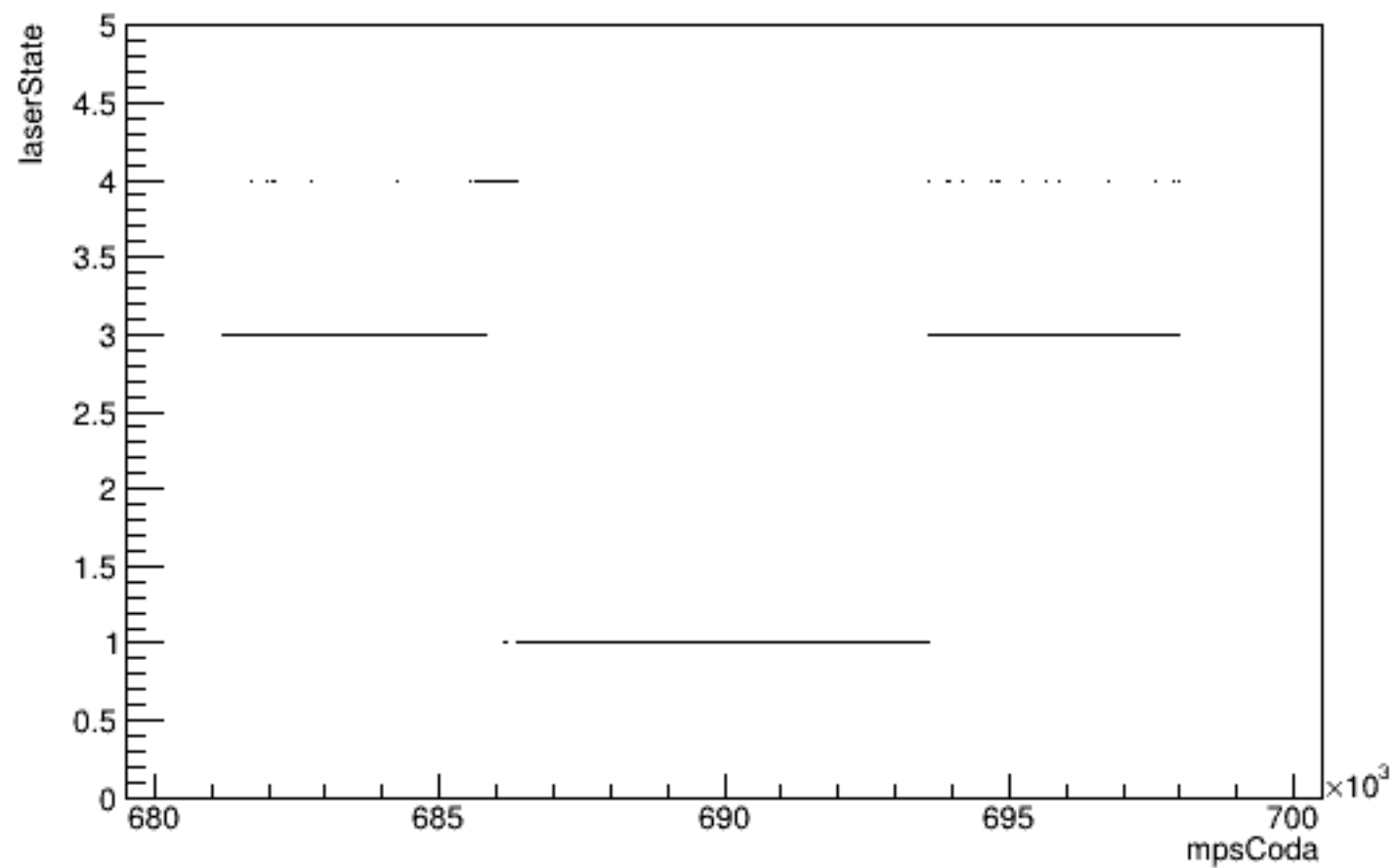
Run 6074 quartetwise, Asyms



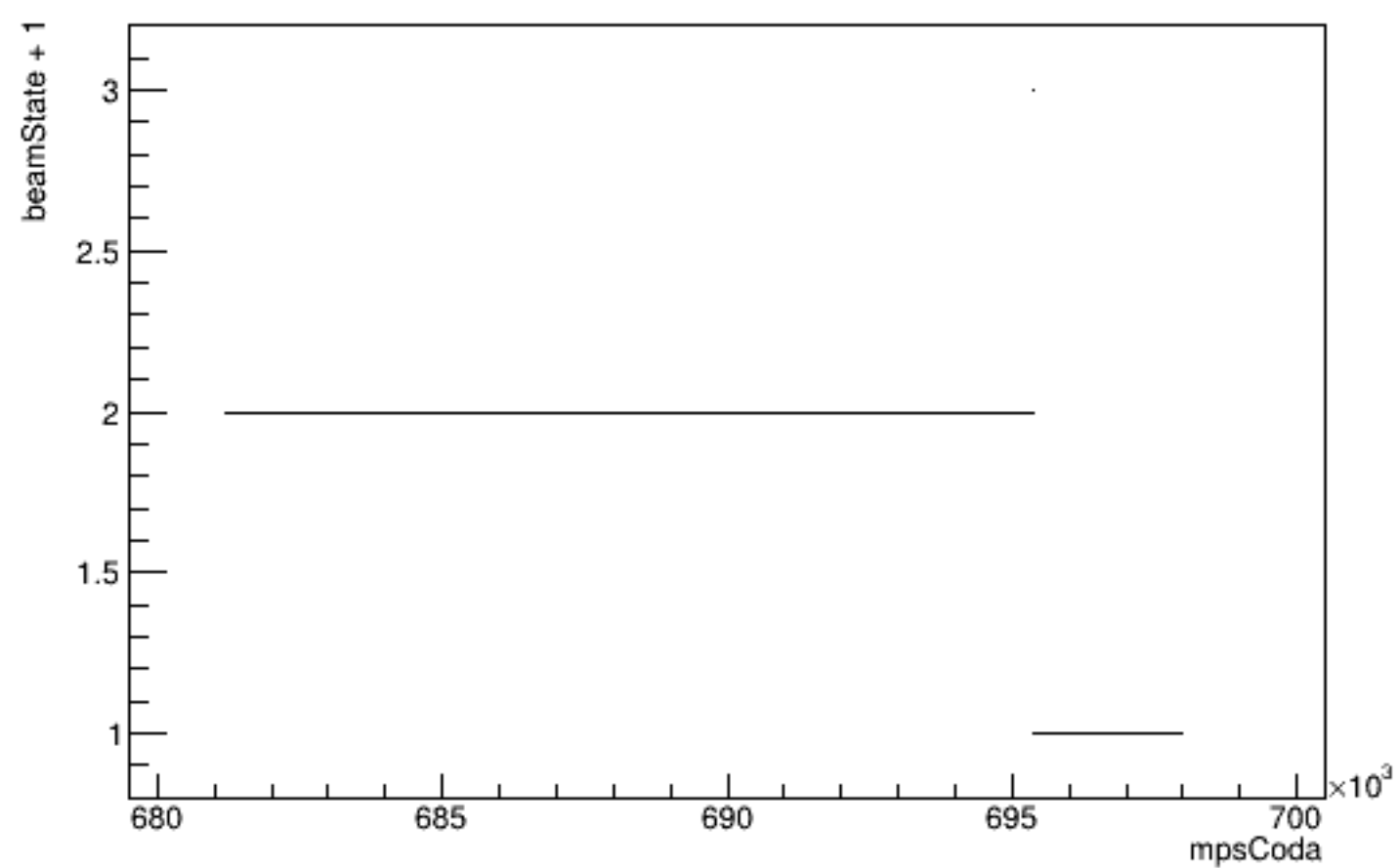
Acc0/NAcc0:mpsCoda (mpsCoda>=681195 && mpsCoda<=697986 && beamState==1)



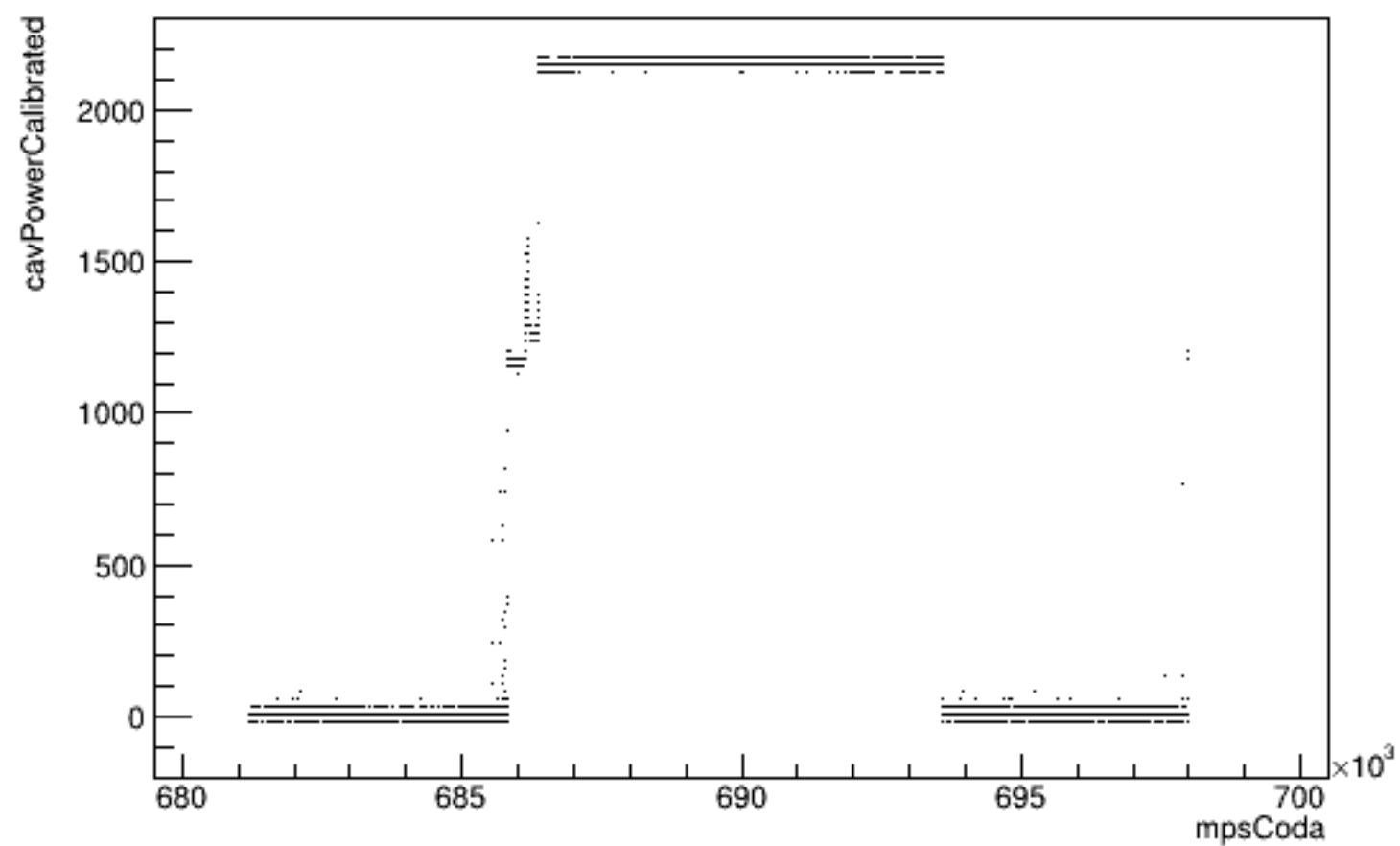
laserState:mpsCoda {mpsCoda>=681195 && mpsCoda<=697986}



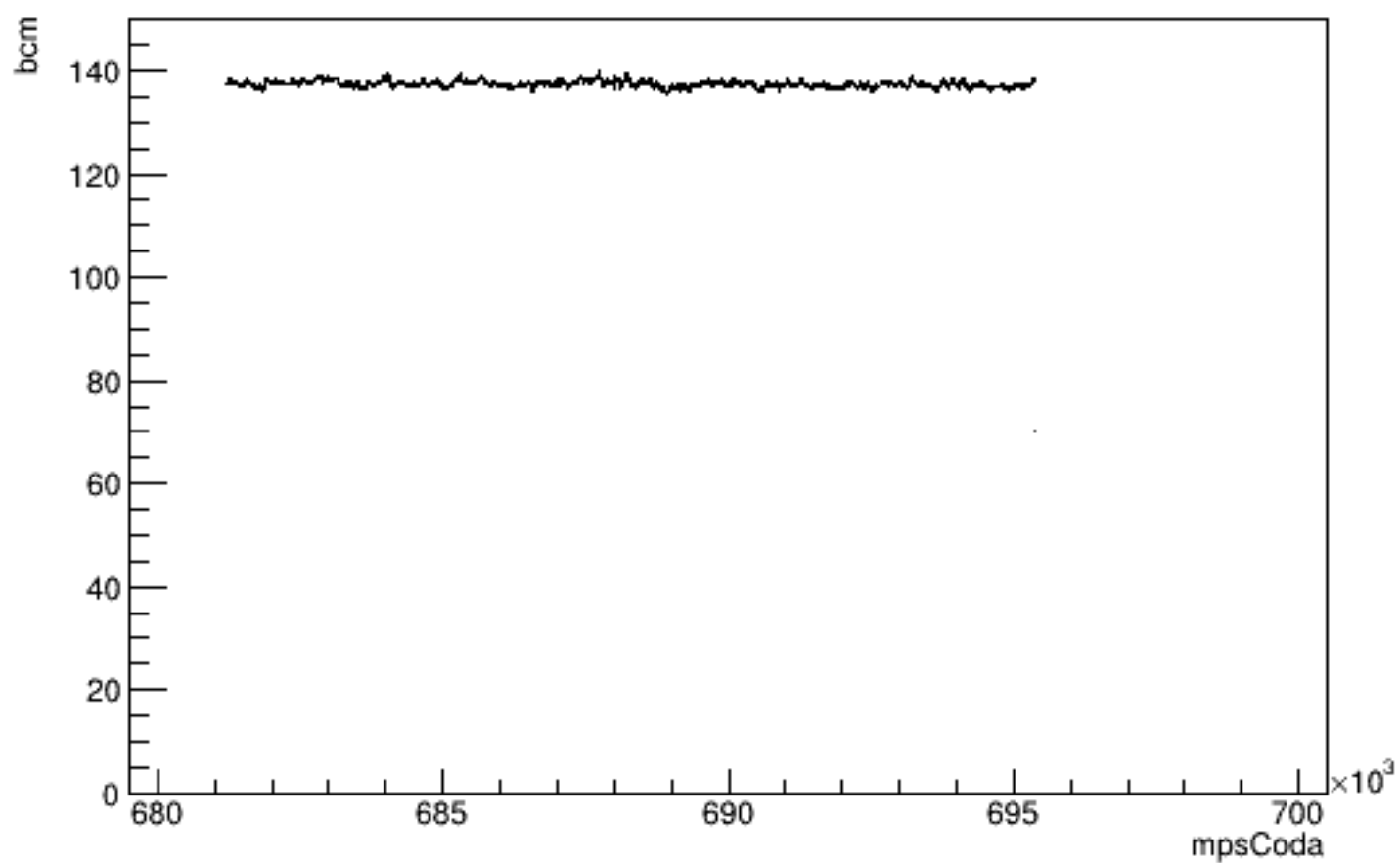
beamState + 1:mpsCoda {mpsCoda>=681195 && mpsCoda<=697986}



cavPowerCalibrated:mpsCoda {mpsCoda>=681195 && mpsCoda<=697986}



bcm:mpsCoda {mpsCoda>=681195 && mpsCoda<=697986}



Cycle 28, Diffs

Entries: 1115

Mean: 0.0089 +/- 0.0110

Std Dev: 0.3680 +/- 0.0078

Entries: 1814

Mean: 0.6675 +/- 0.0116

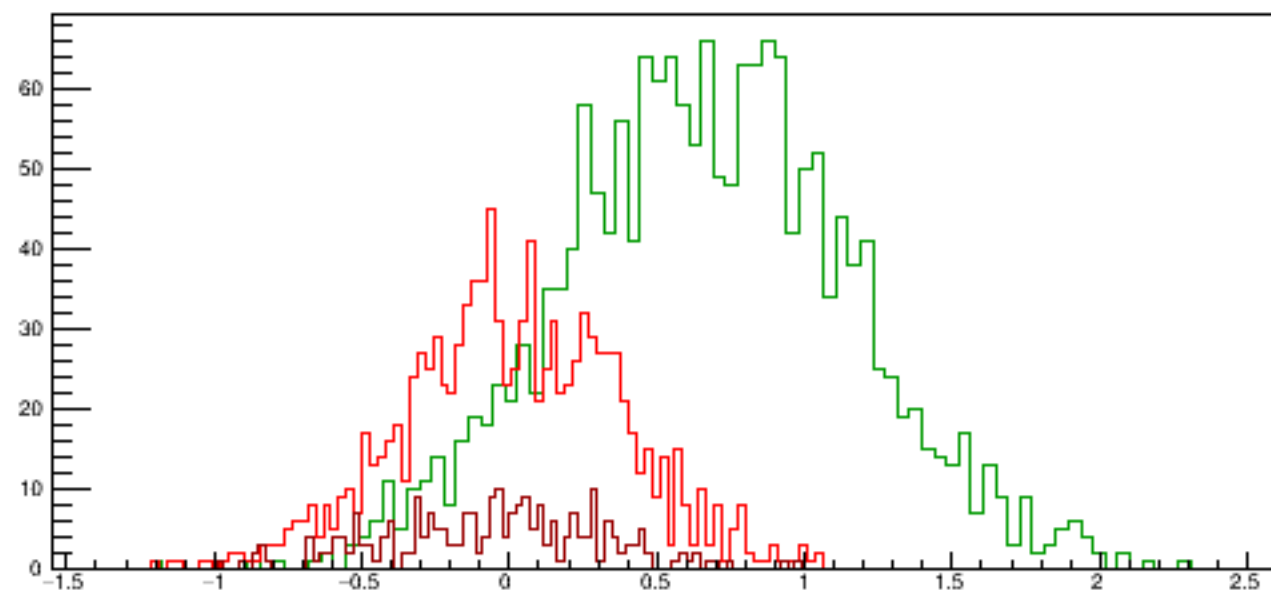
Std Dev: 0.4937 +/- 0.0082

Entries: 247

Mean: -0.0603 +/- 0.0230

Std Dev: 0.3612 +/- 0.0163

Run 6074 quartetwise, Diffs



Cycle 28, Sums

Entries: 1115

Mean: 5.9888 +/- 0.0117

Std Dev: 0.3897 +/- 0.0083

Entries: 1814

Mean: 27.7419 +/- 0.0174

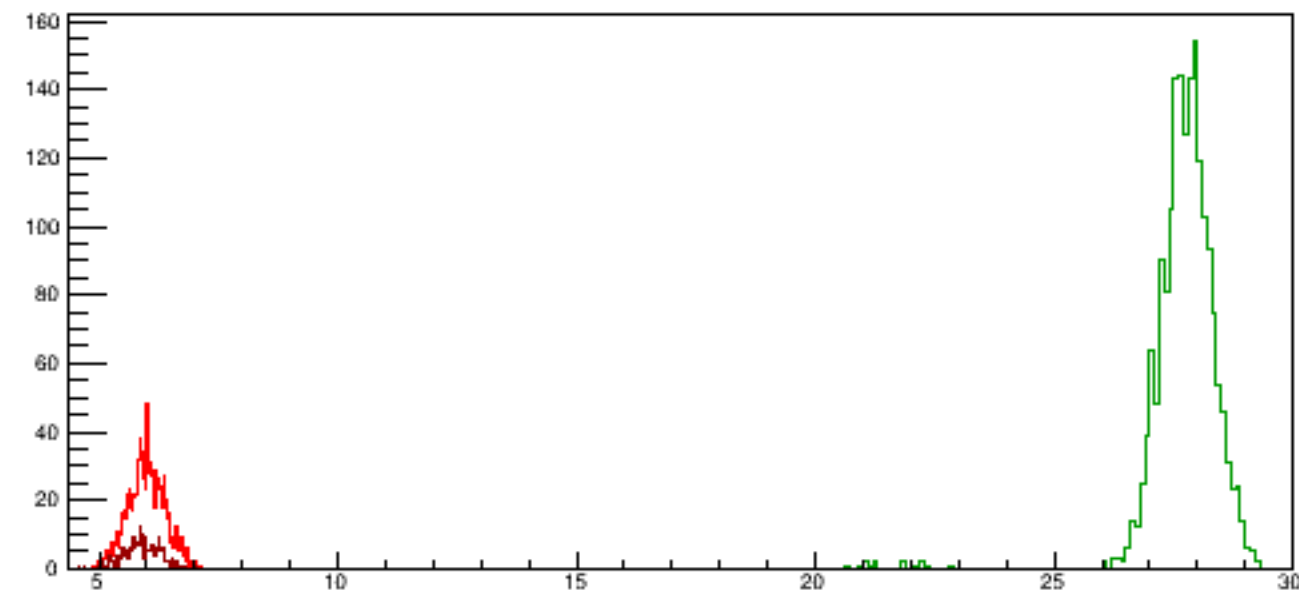
Std Dev: 0.7409 +/- 0.0123

Entries: 247

Mean: 5.8921 +/- 0.0256

Std Dev: 0.4030 +/- 0.0181

Run 6074 quartetwise, Sums



Cycle 28, Asyms

Entries: 1115

Mean: 0.0004 +/- 0.0005

Std Dev: 0.0169 +/- 0.0004

Entries: 1814

Mean: 0.0306 +/- 0.0005

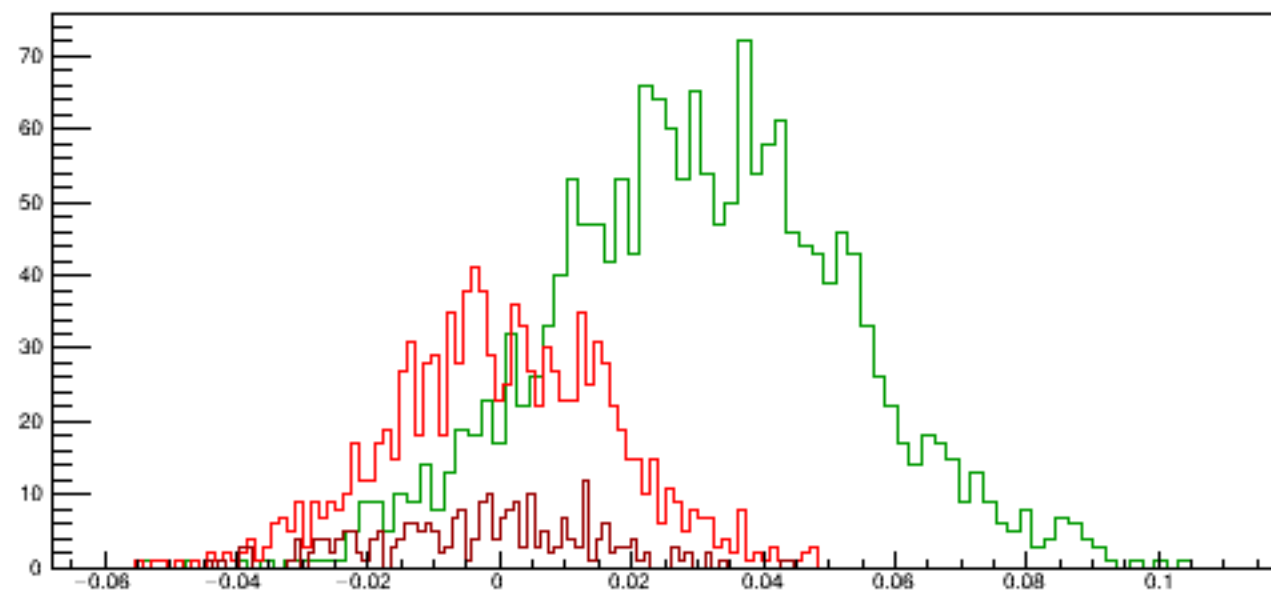
Std Dev: 0.0227 +/- 0.0004

Entries: 247

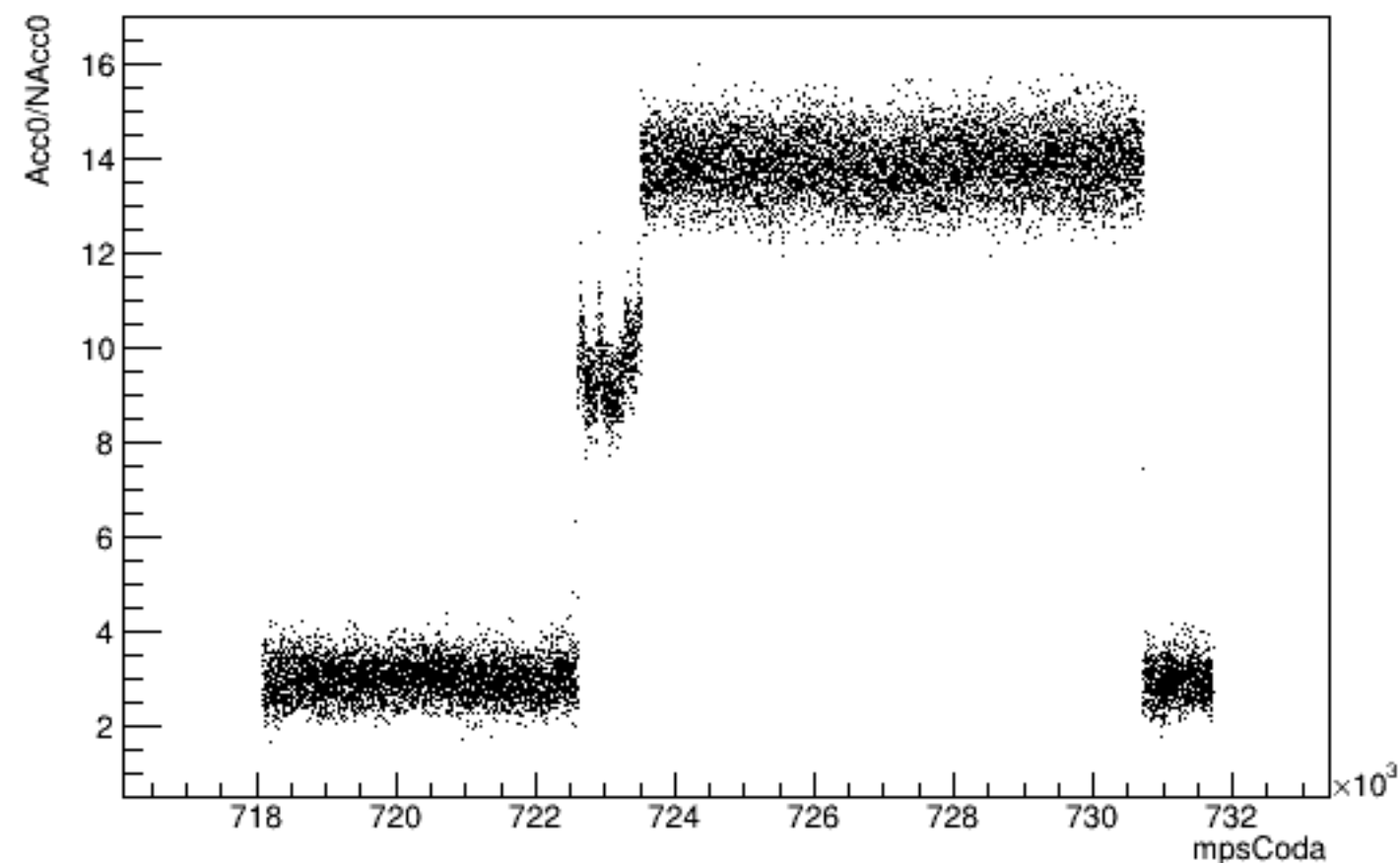
Mean: -0.0028 +/- 0.0011

Std Dev: 0.0166 +/- 0.0007

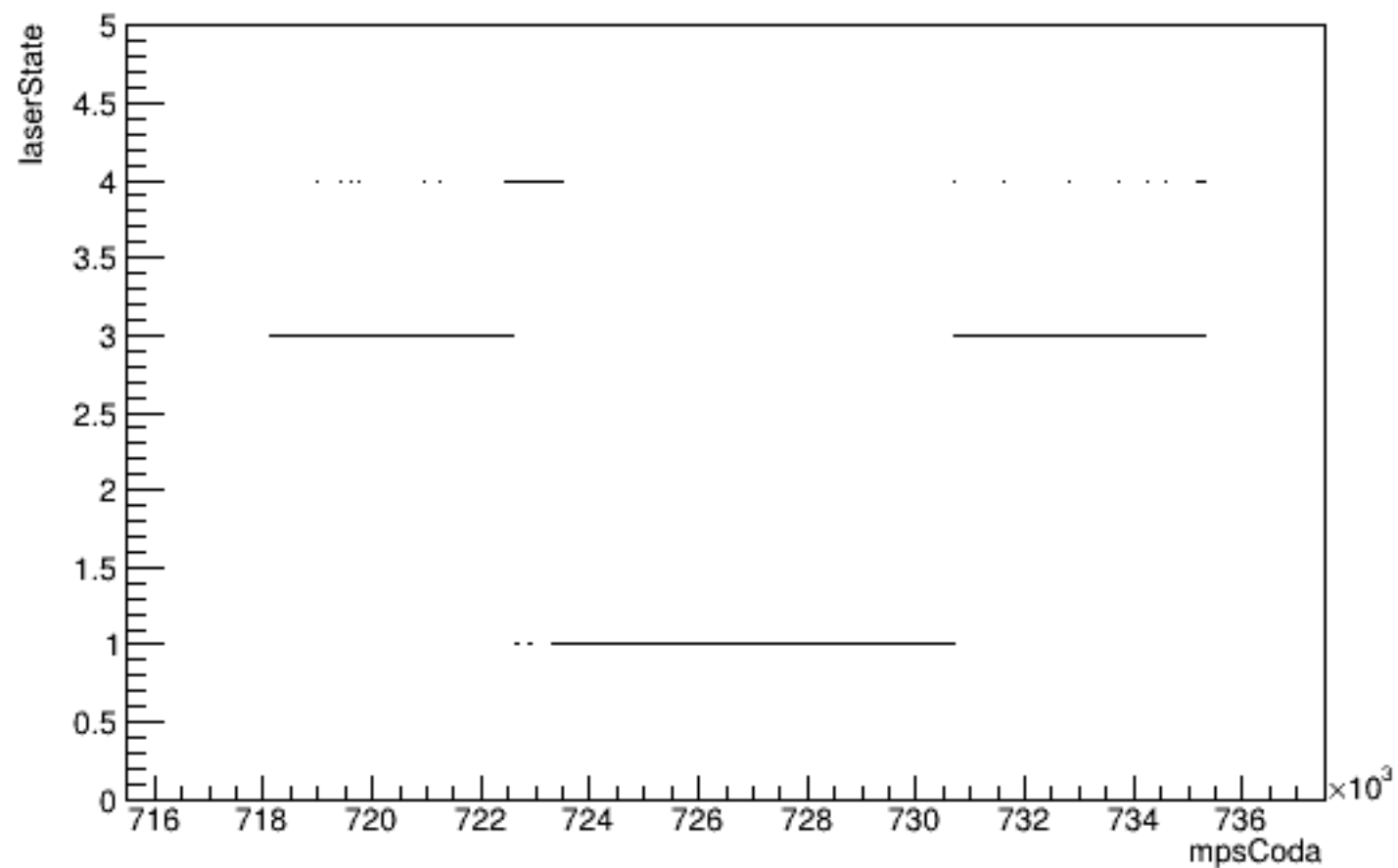
Run 6074 quartetwise, Asyms



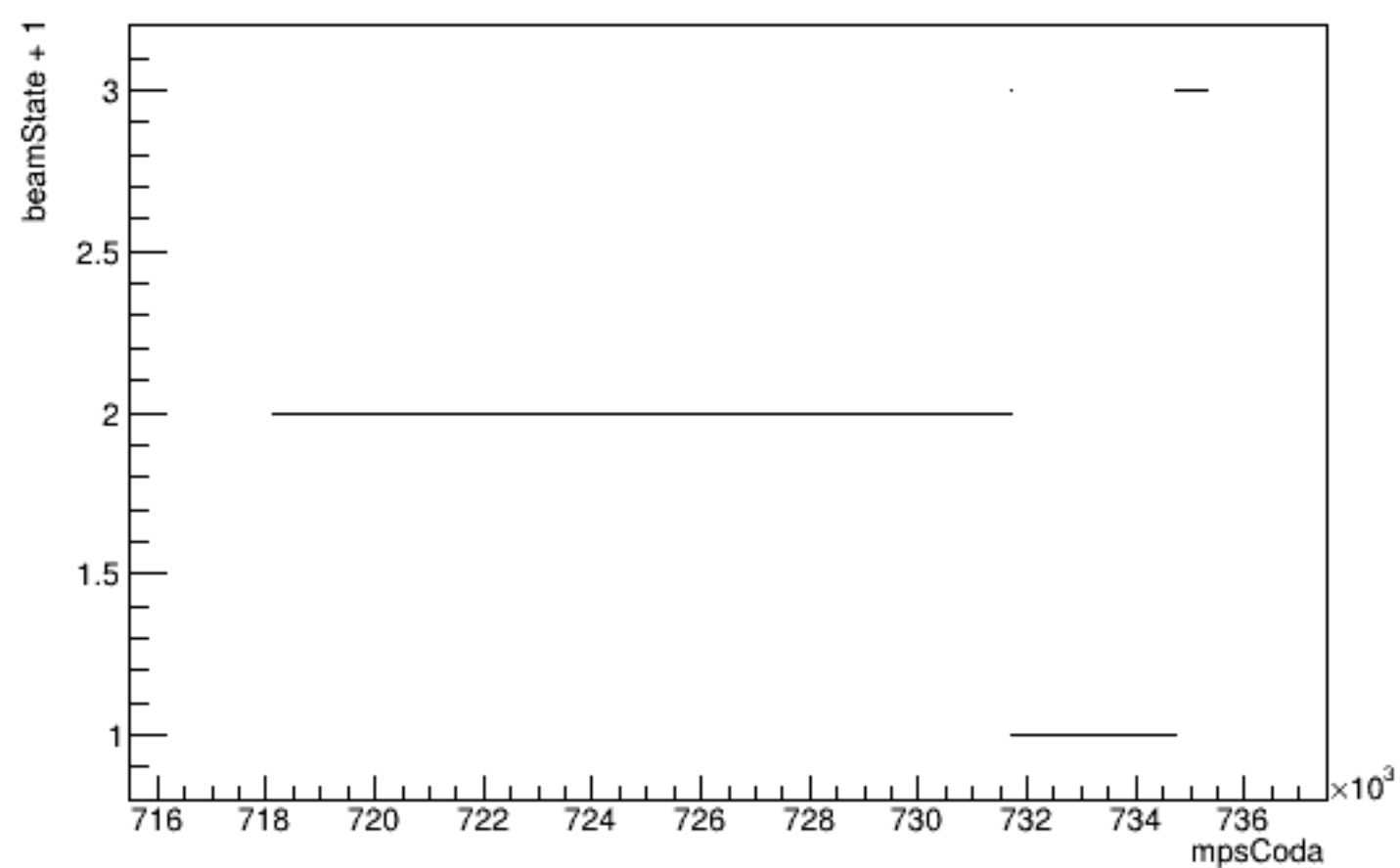
Acc0/NAcc0:mpsCoda (mpsCoda>=718099 && mpsCoda<=735310 && beamState==1)



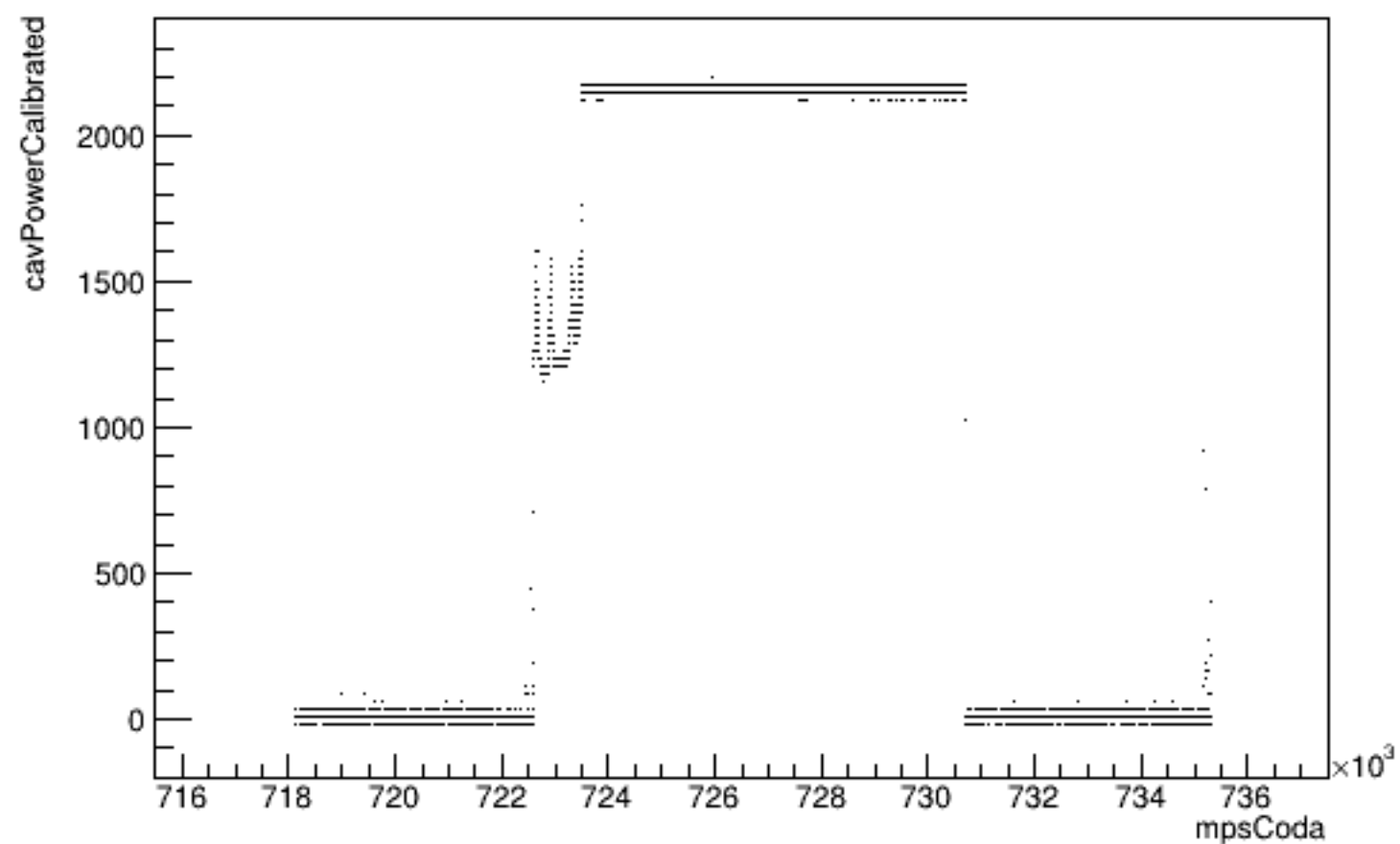
laserState:mpsCoda {mpsCoda>=718099 && mpsCoda<=735310}



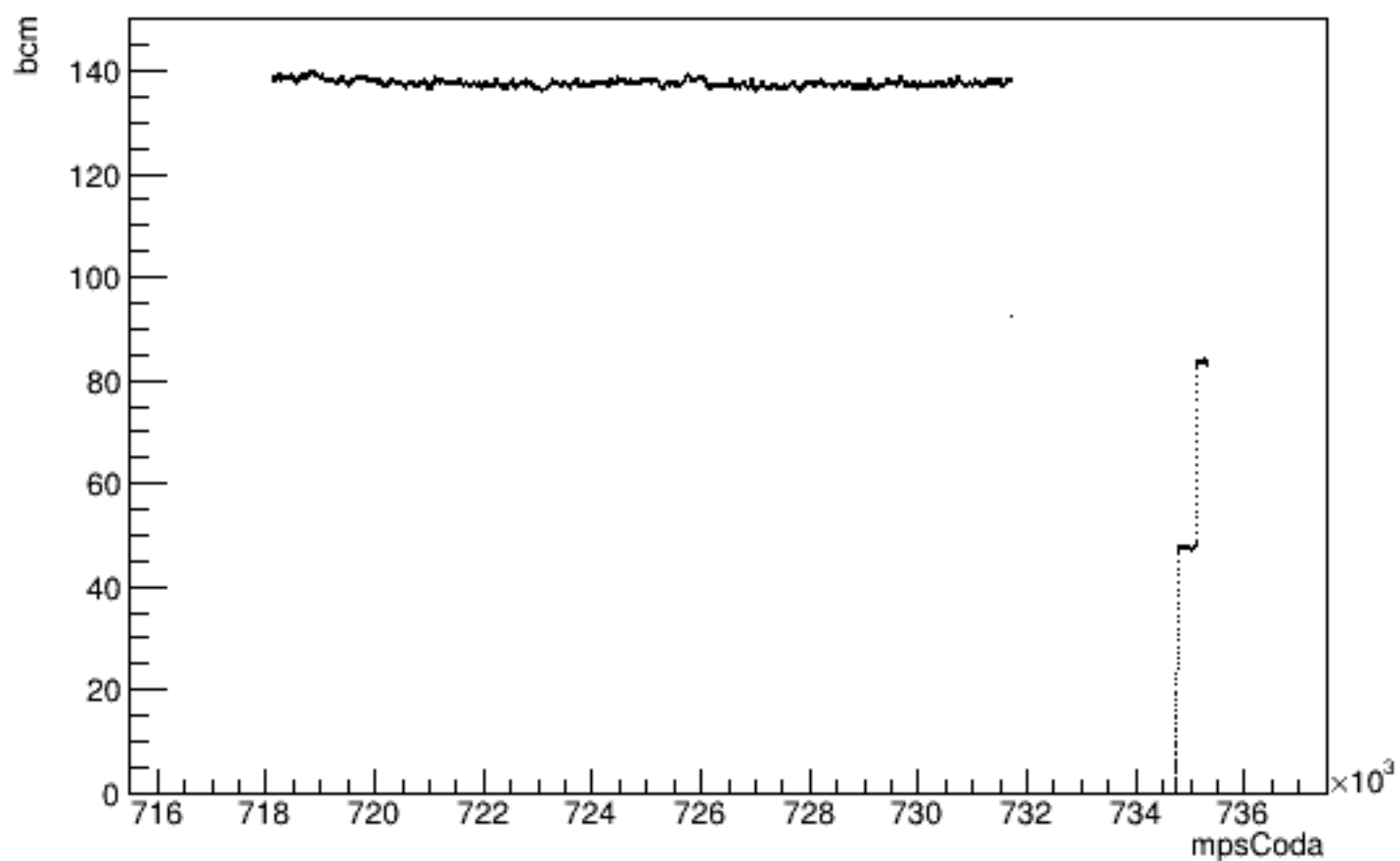
beamState + 1:mpsCoda {mpsCoda>=718099 && mpsCoda<=735310}



cavPowerCalibrated:mpsCoda {mpsCoda>=718099 && mpsCoda<=735310}



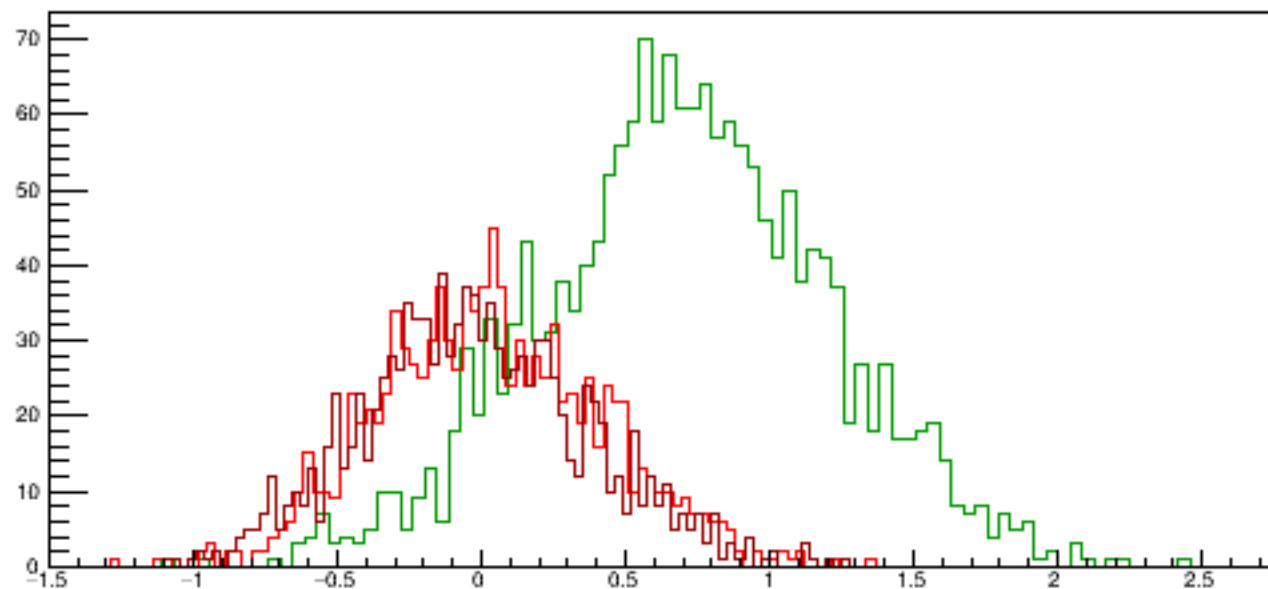
bcm:mpsCoda {mpsCoda>=718099 && mpsCoda<=735310}



Cycle 29, Diffs

Entries: 1082	Entries: 1800	Entries: 1129
Mean: 0.0307 +/- 0.0117	Mean: 0.7012 +/- 0.0118	Mean: -0.0198 +/- 0.0116
Std Dev: 0.3853 +/- 0.0083	Std Dev: 0.5008 +/- 0.0083	Std Dev: 0.3900 +/- 0.0082

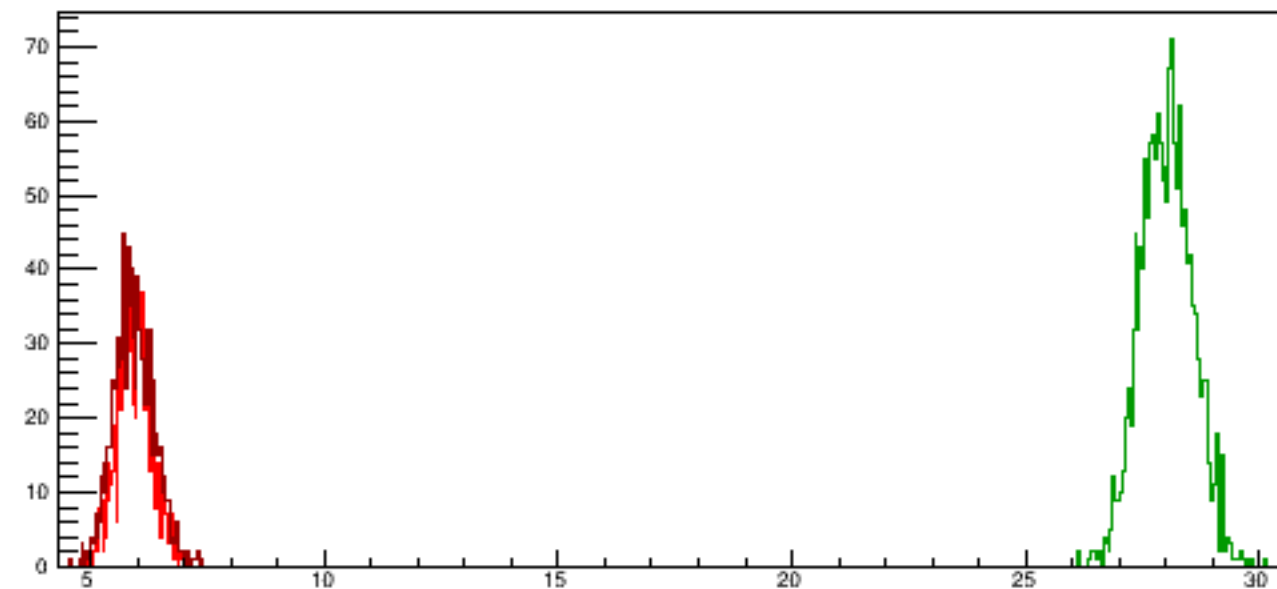
Run 6074 quartetwise, Diffs



Cycle 29, Sums

Entries: 1082	Entries: 1800	Entries: 1129
Mean: 5.9436 +/- 0.0117	Mean: 28.0147 +/- 0.0132	Mean: 5.9244 +/- 0.0126
Std Dev: 0.3840 +/- 0.0083	Std Dev: 0.5615 +/- 0.0094	Std Dev: 0.4237 +/- 0.0089

Run 6074 quartetwise, Sums

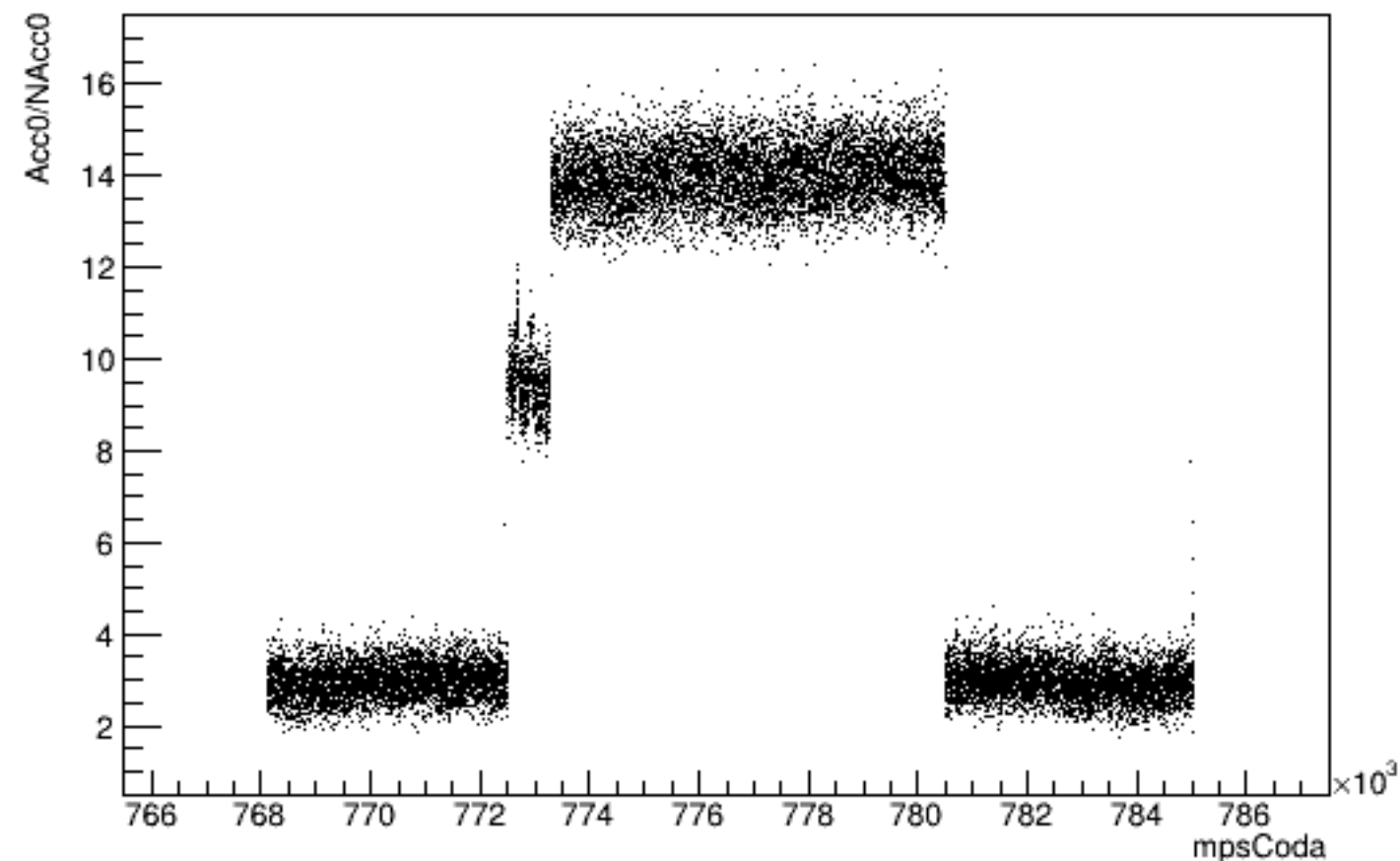
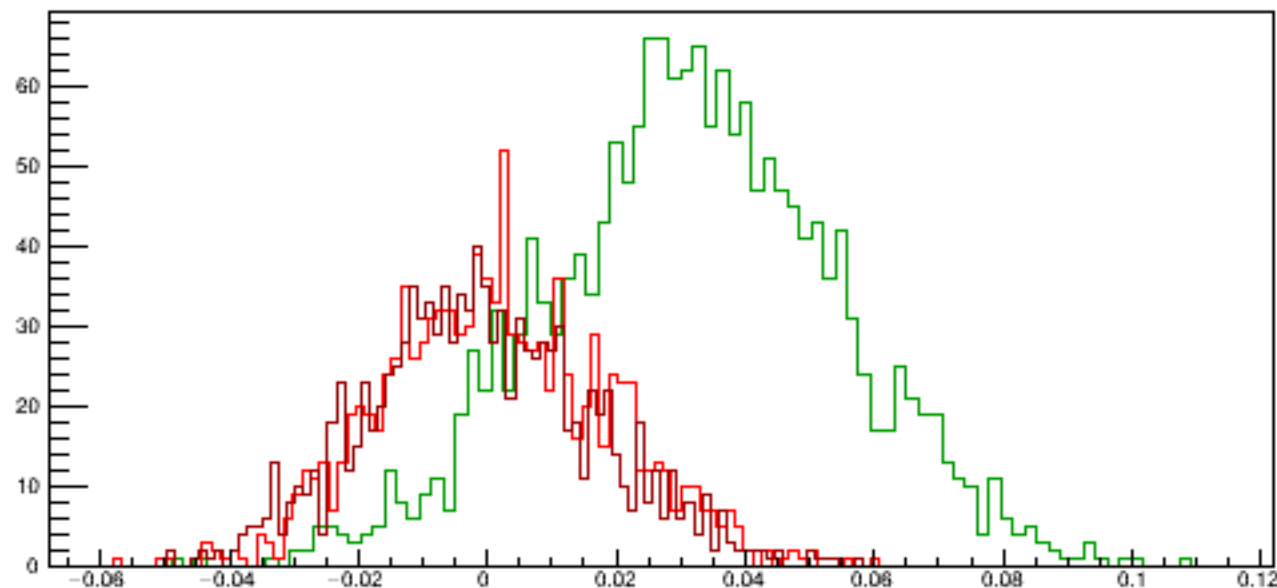


Acc0/NAcc0:mpsCoda (mpsCoda>=768111 && mpsCoda<=785046 && beamState==1)

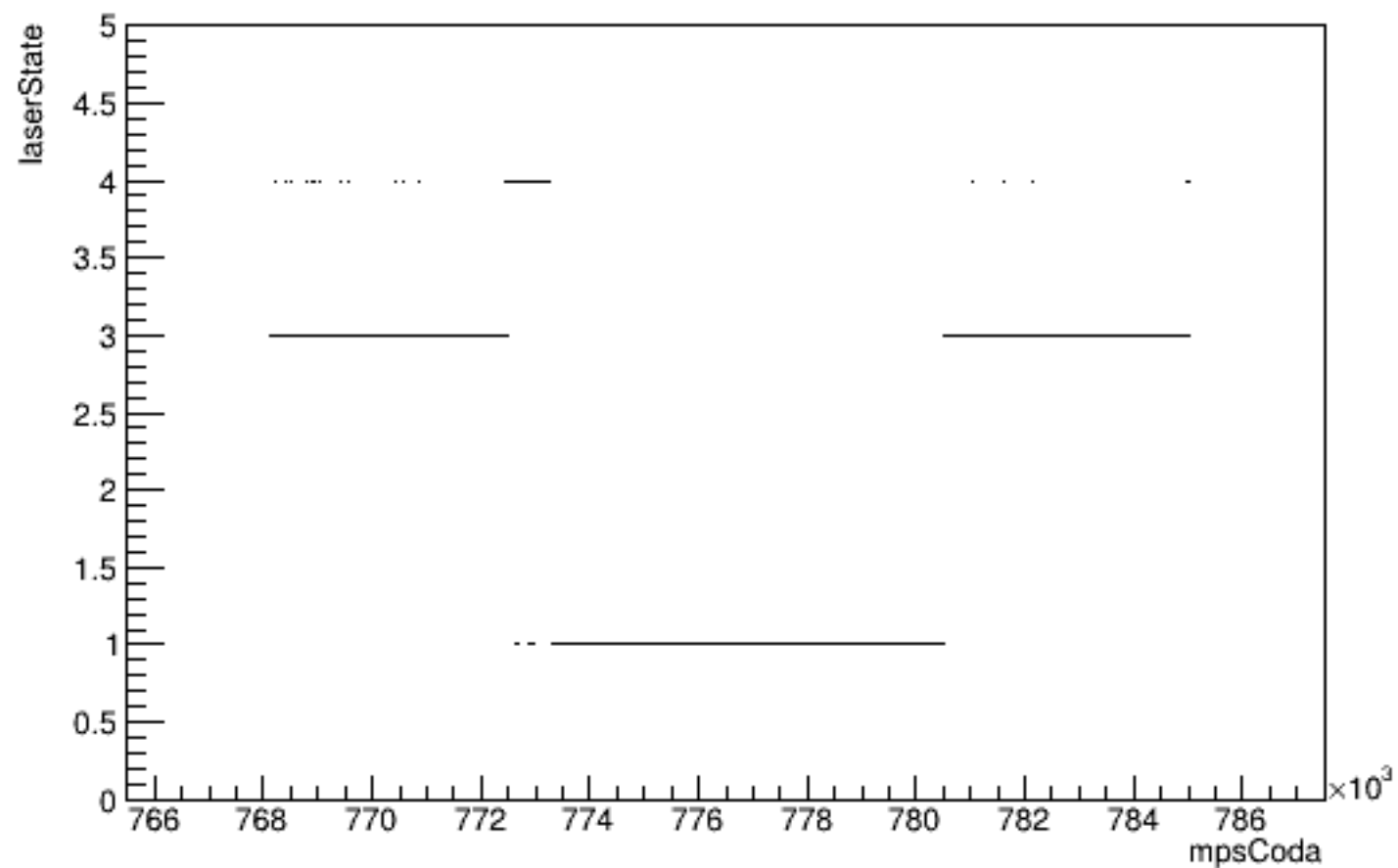
Cycle 29, Asyms

Entries: 1082	Entries: 1800	Entries: 1129
Mean: 0.0014 +/- 0.0005	Mean: 0.0317 +/- 0.0005	Mean: -0.0009 +/- 0.0005
Std Dev: 0.0174 +/- 0.0004	Std Dev: 0.0226 +/- 0.0004	Std Dev: 0.0177 +/- 0.0004

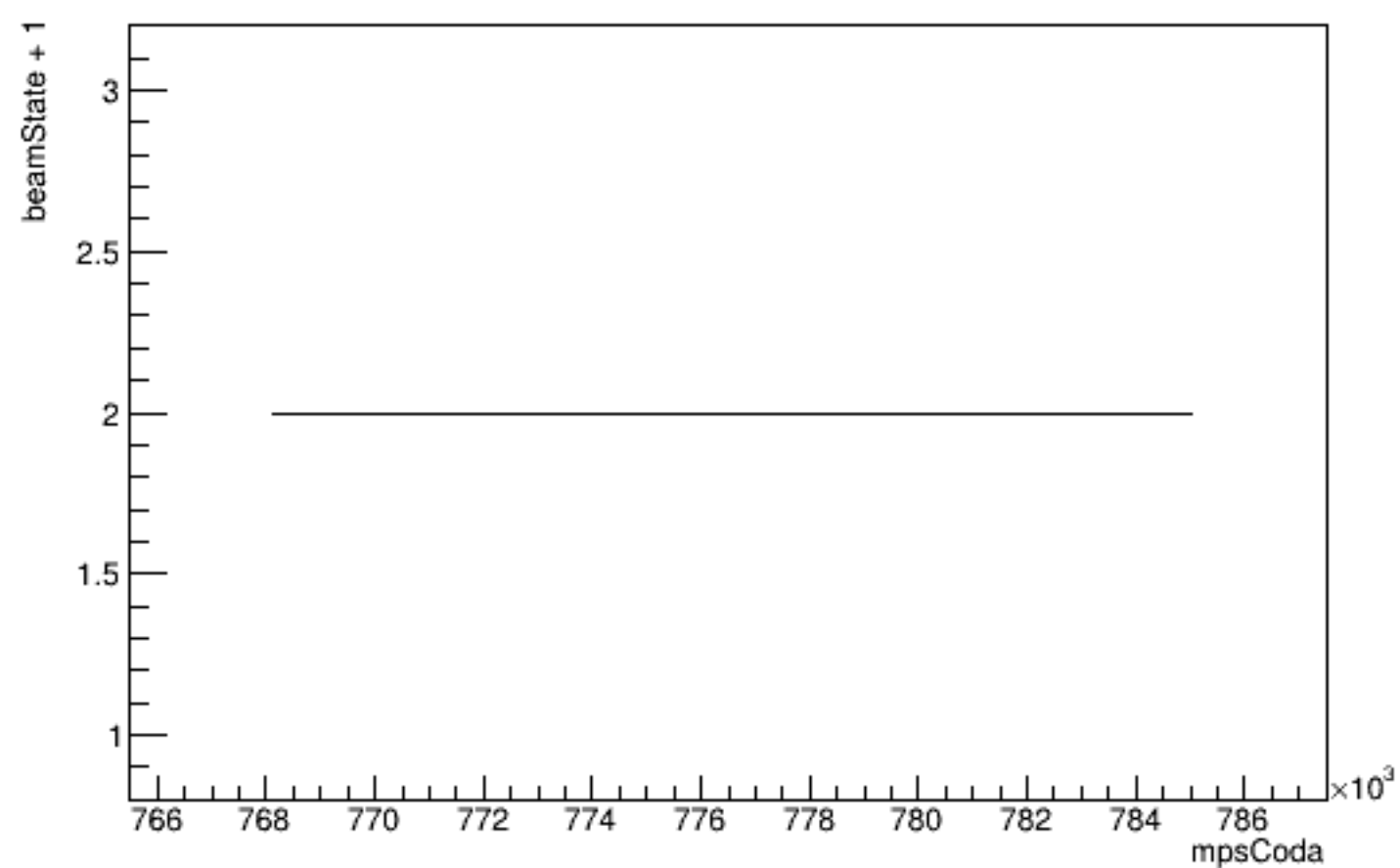
Run 6074 quartetwise, Asyms



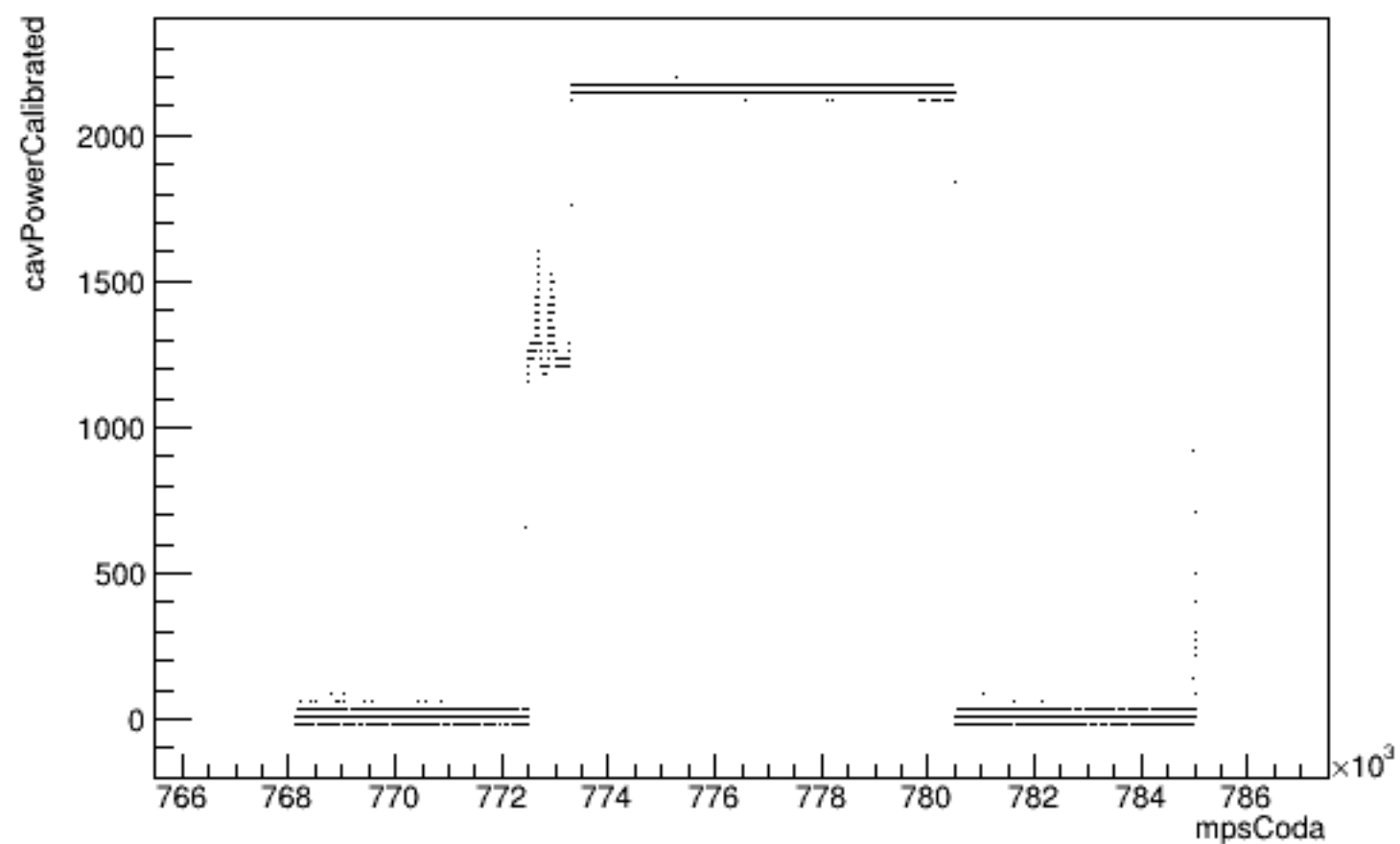
laserState:mpsCoda {mpsCoda>=768111 && mpsCoda<=785046}



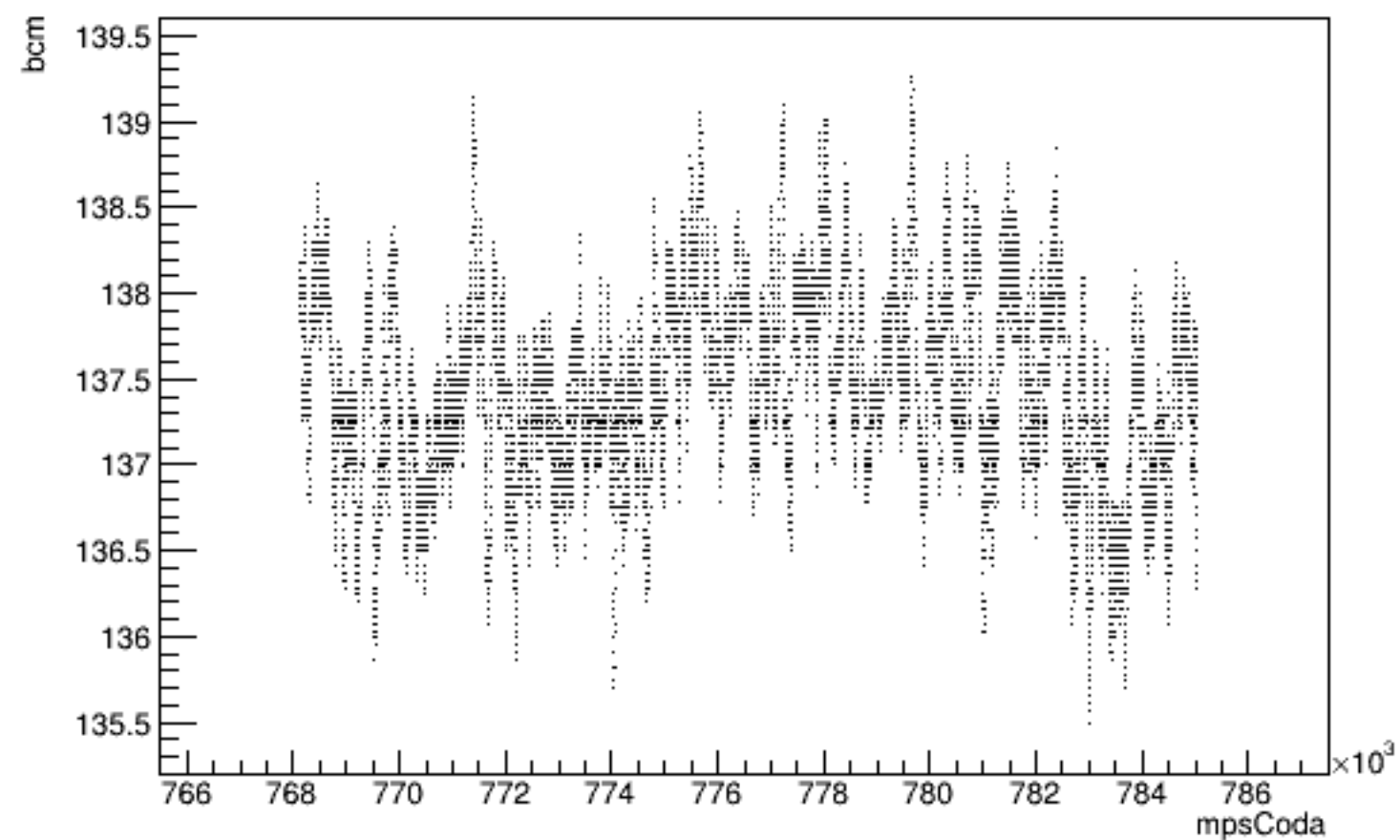
beamState + 1:mpsCoda {mpsCoda>=768111 && mpsCoda<=785046}



cavPowerCalibrated:mpsCoda {mpsCoda>=768111 && mpsCoda<=785046}



bcm:mpsCoda {mpsCoda>=768111 && mpsCoda<=785046}



Cycle 30, Diffs

Entries: 1129

Mean: -0.0198 +/- 0.0116

Std Dev: 0.3900 +/- 0.0082

Entries: 1801

Mean: 0.6720 +/- 0.0116

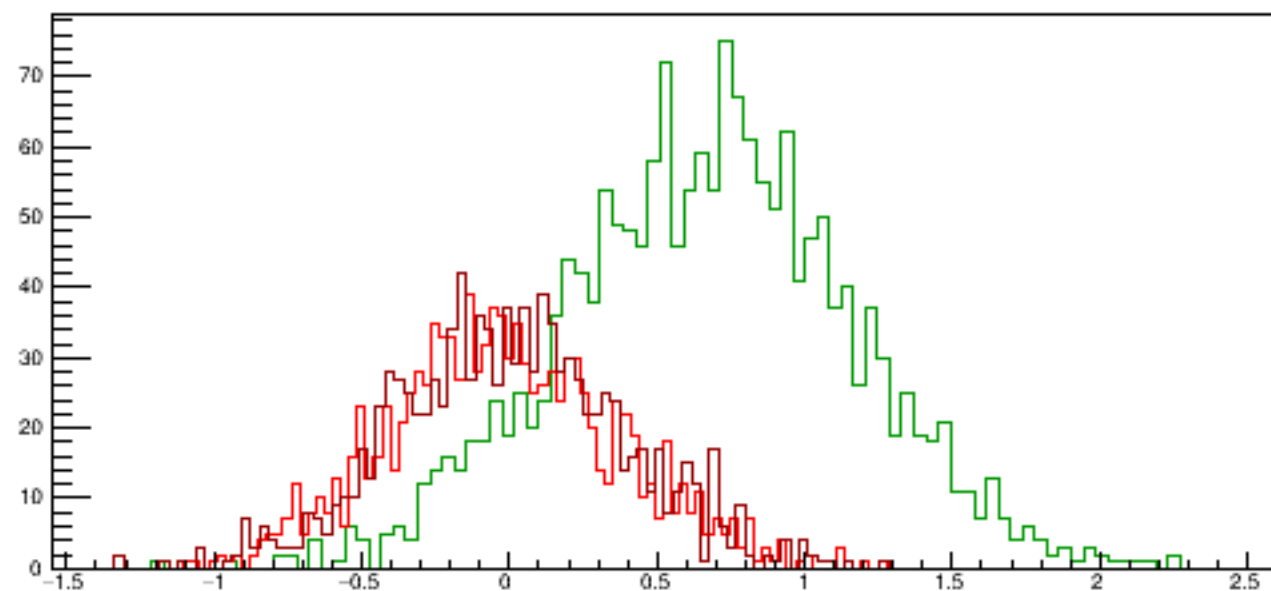
Std Dev: 0.4905 +/- 0.0082

Entries: 1073

Mean: -0.0017 +/- 0.0120

Std Dev: 0.3922 +/- 0.0085

Run 6074 quartetwise, Diffs



Cycle 30, Sums

Entries: 1129

Mean: 5.9244 +/- 0.0126

Std Dev: 0.4237 +/- 0.0089

Entries: 1801

Mean: 27.8578 +/- 0.0120

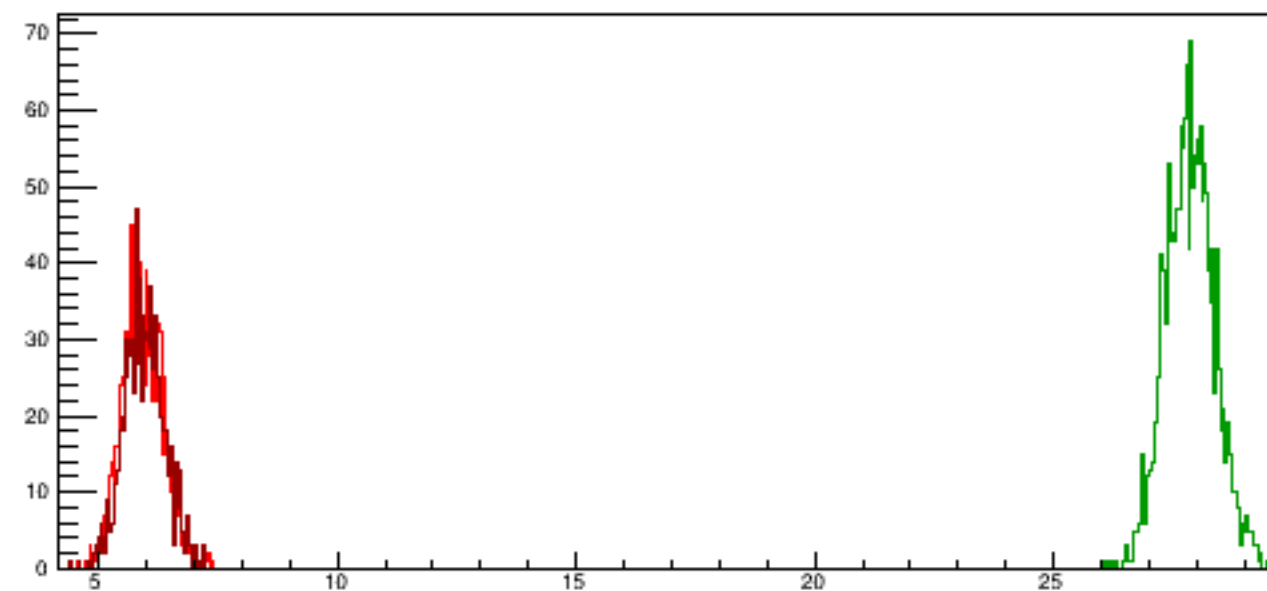
Std Dev: 0.5079 +/- 0.0085

Entries: 1073

Mean: 5.9523 +/- 0.0129

Std Dev: 0.4217 +/- 0.0091

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=780491 && mpsCoda<=797470 && beamState==1)

Cycle 30, Asyms

Entries: 1129

Mean: -0.0009 +/- 0.0005

Std Dev: 0.0178 +/- 0.0004

Entries: 1801

Mean: 0.0307 +/- 0.0005

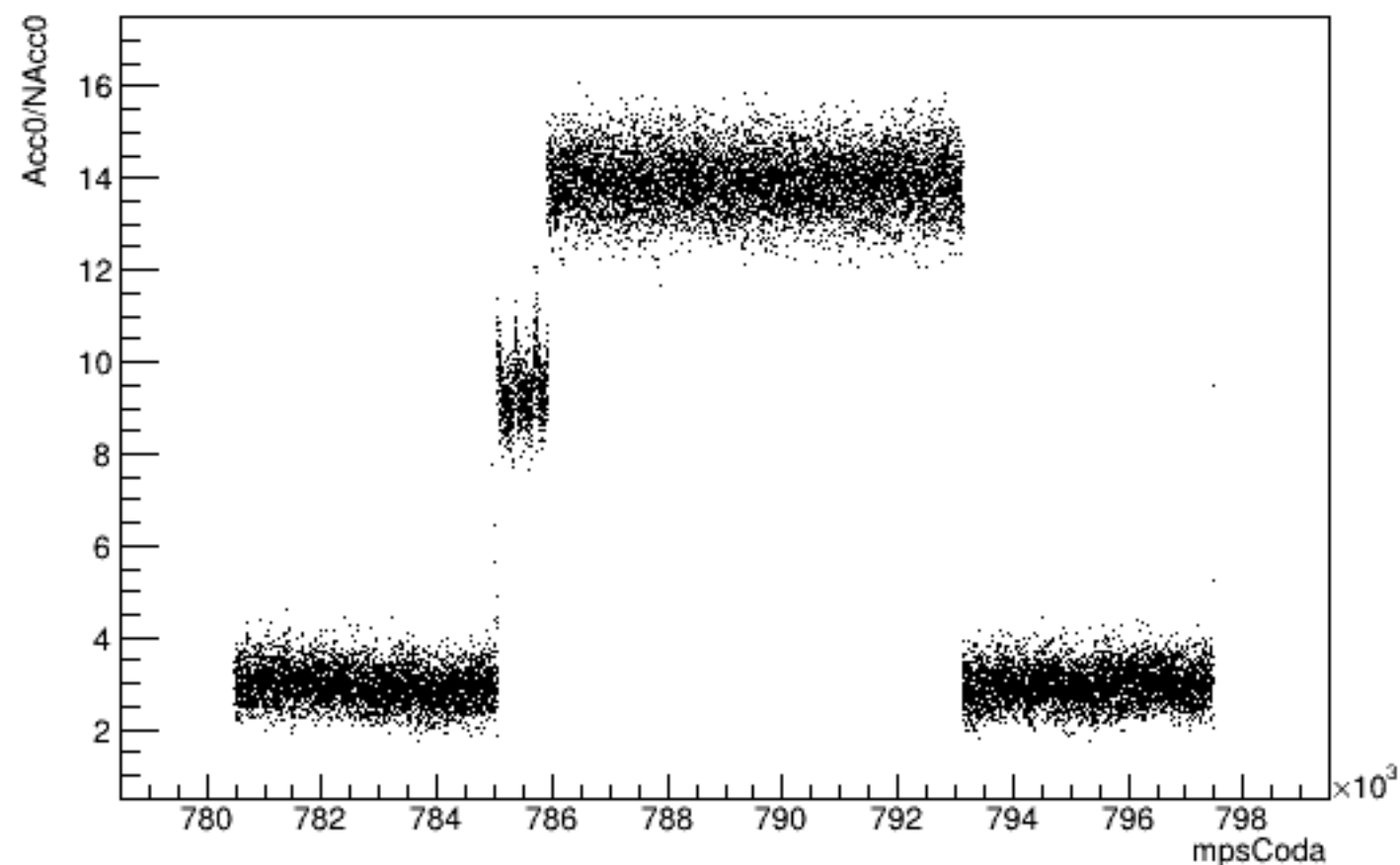
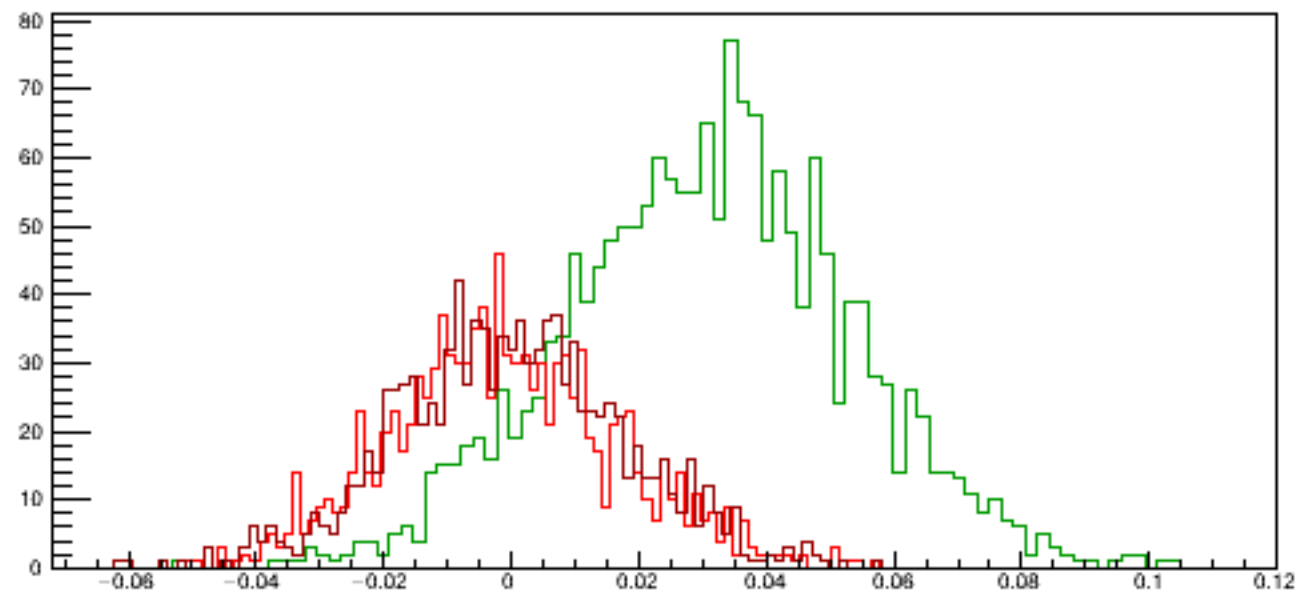
Std Dev: 0.0224 +/- 0.0004

Entries: 1073

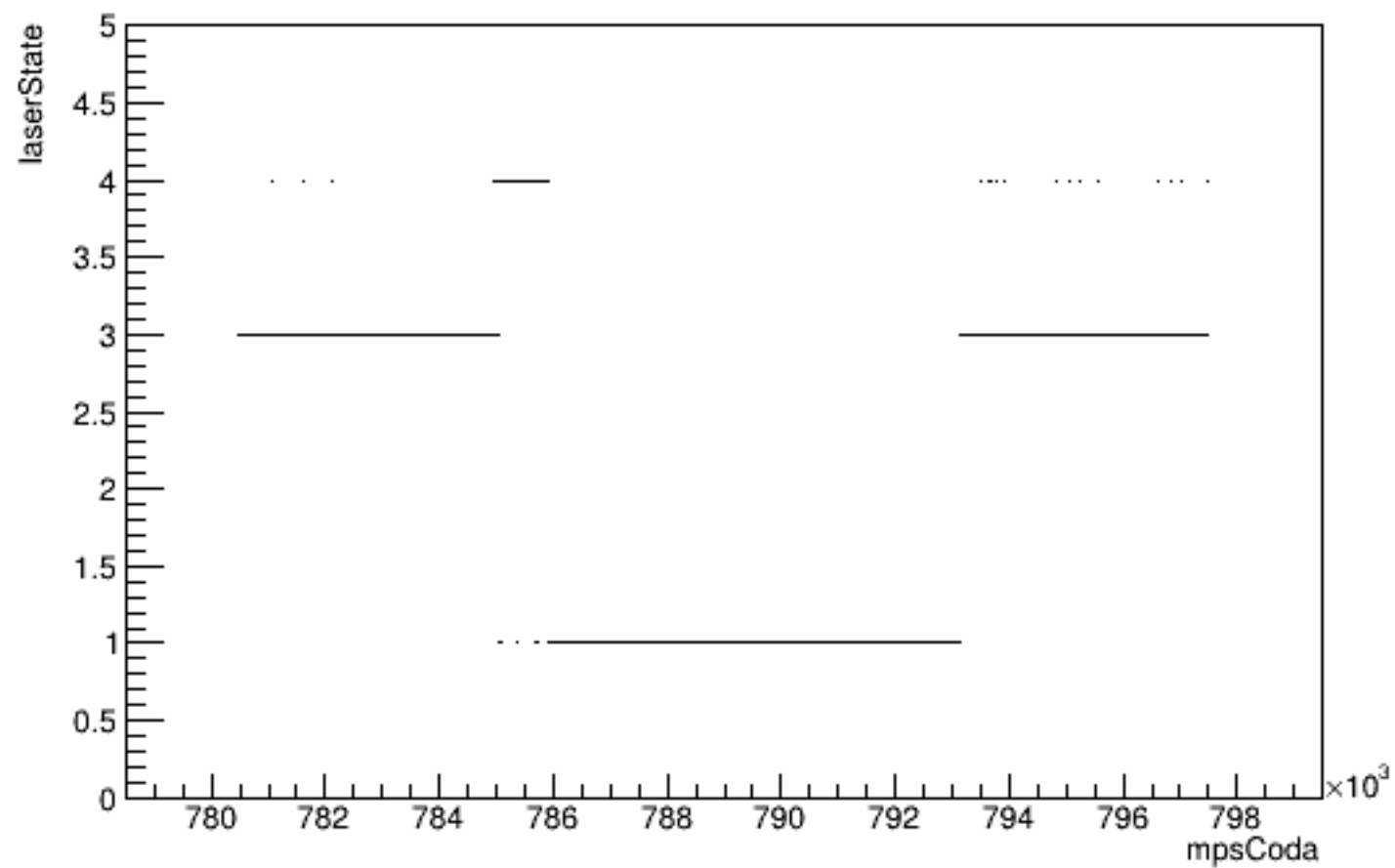
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0179 +/- 0.0004

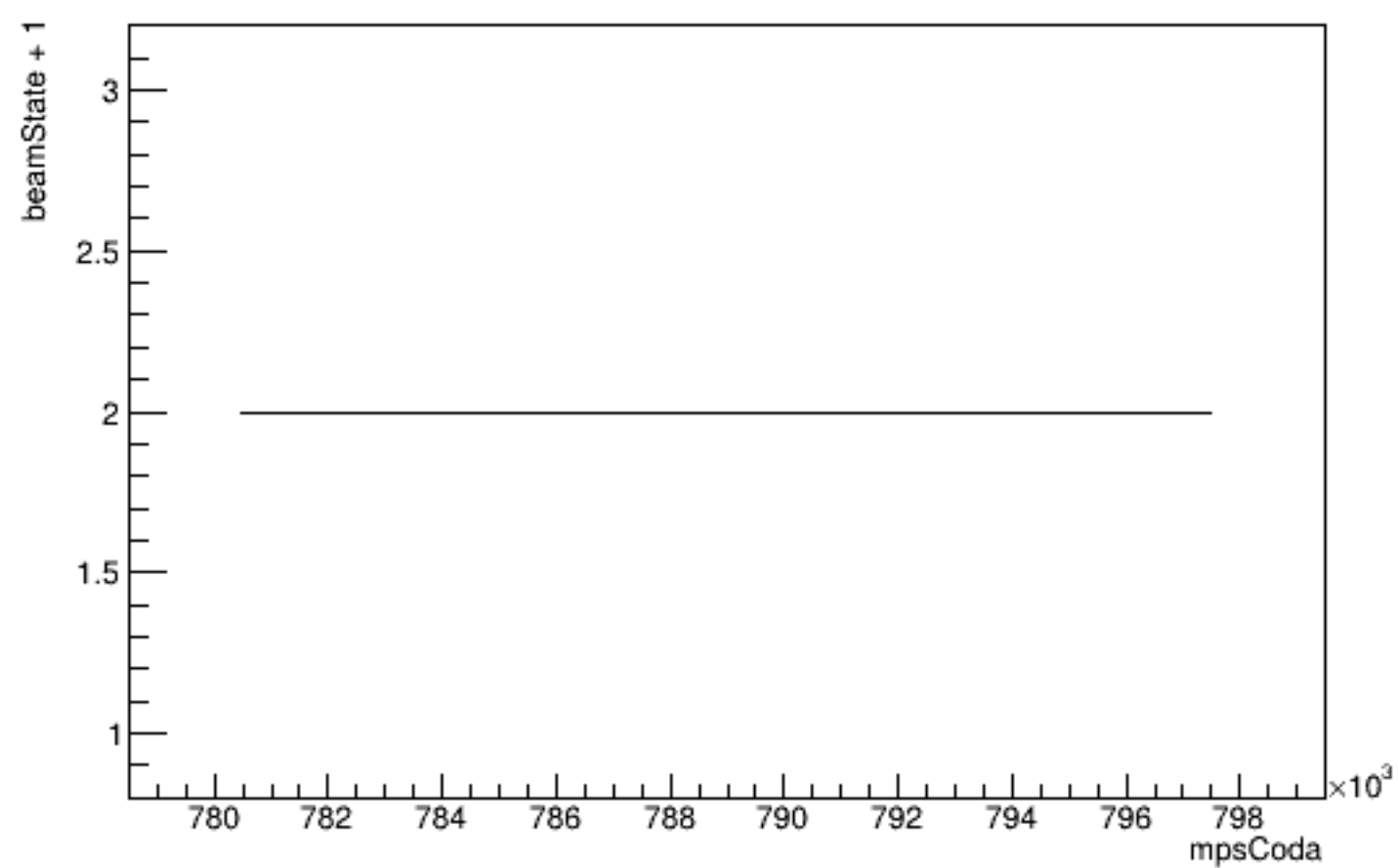
Run 6074 quartetwise, Asyms



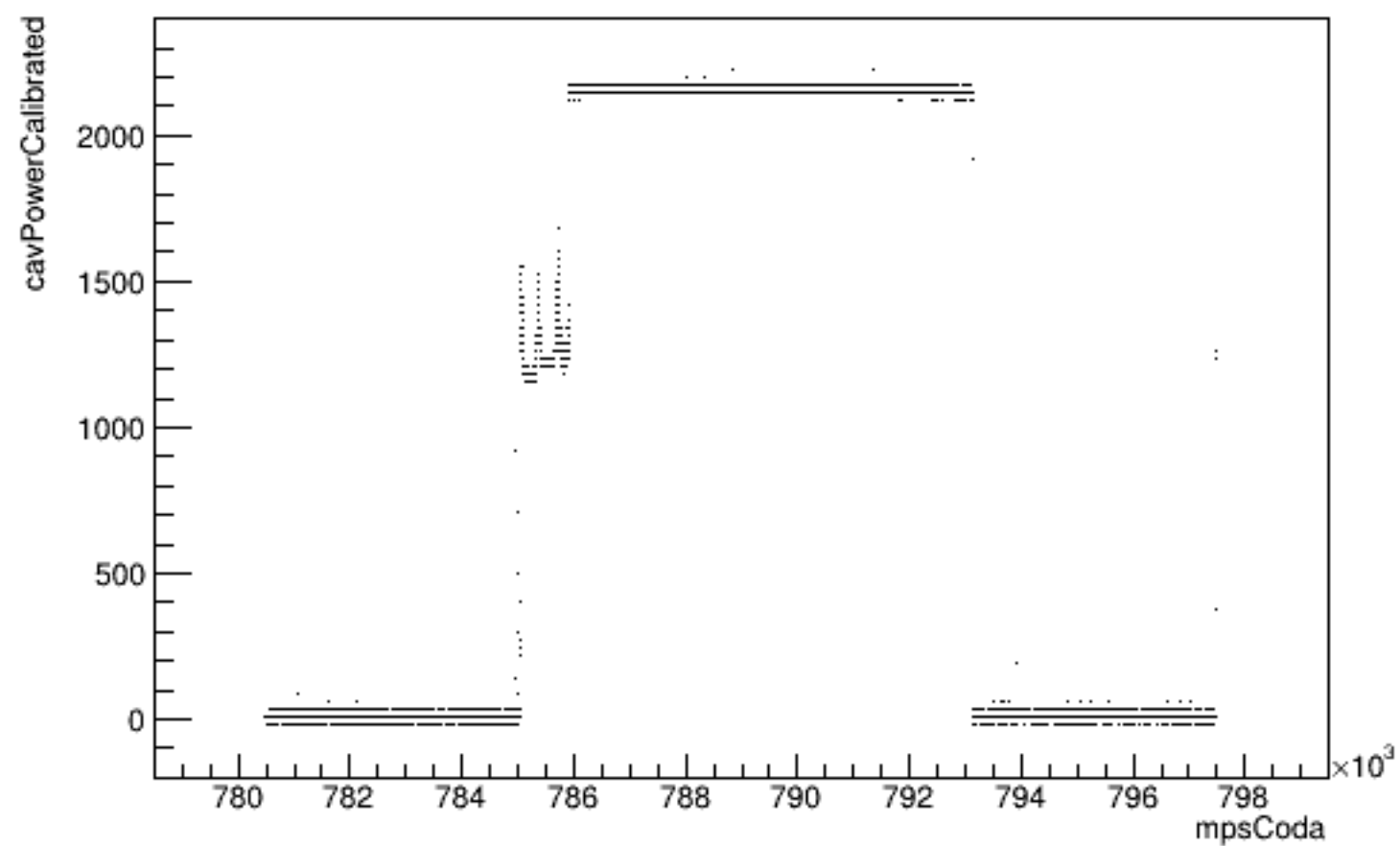
laserState:mpsCoda {mpsCoda>=780491 && mpsCoda<=797470}



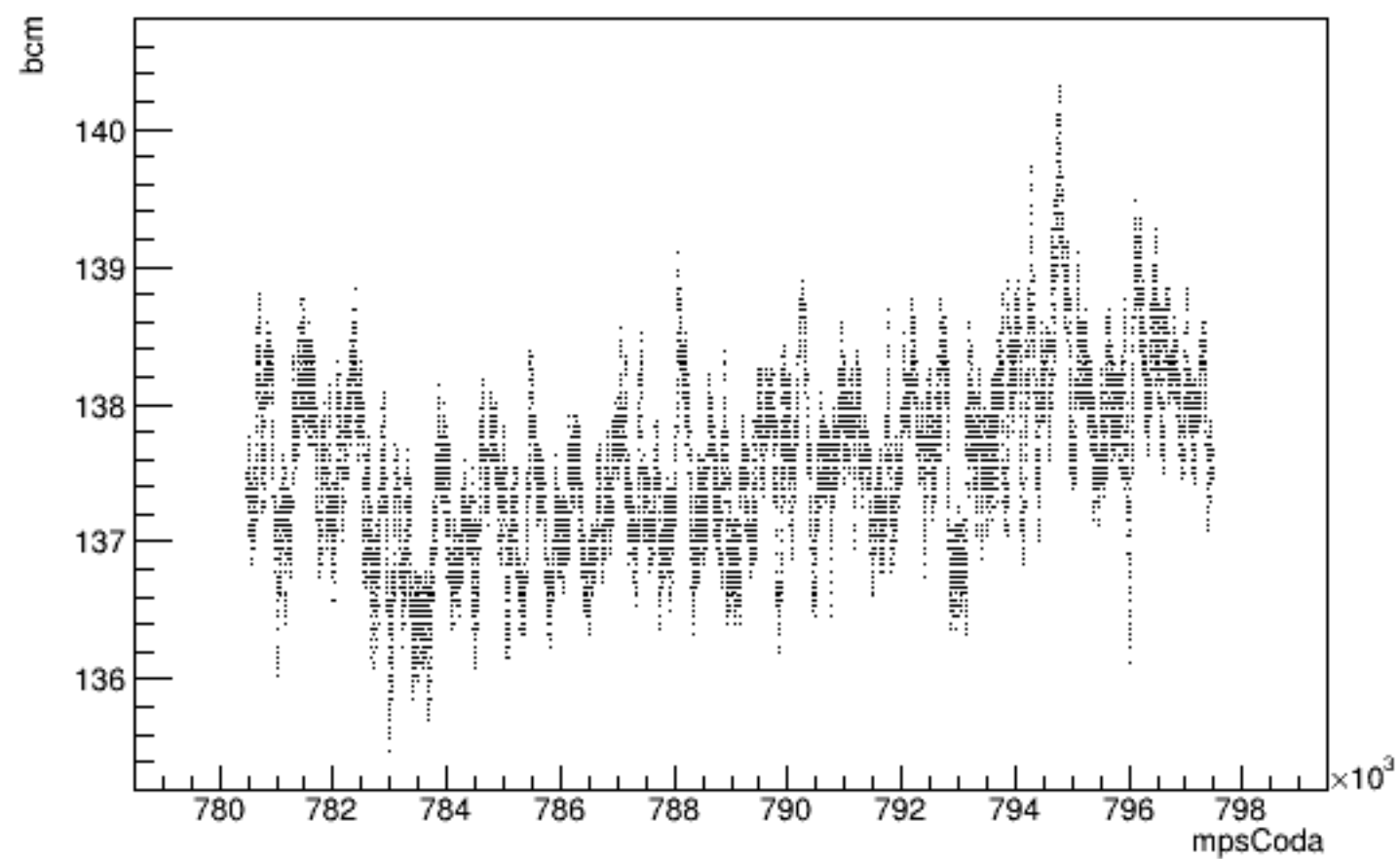
beamState + 1:mpsCoda {mpsCoda>=780491 && mpsCoda<=797470}



cavPowerCalibrated:mpsCoda {mpsCoda>=780491 && mpsCoda<=797470}



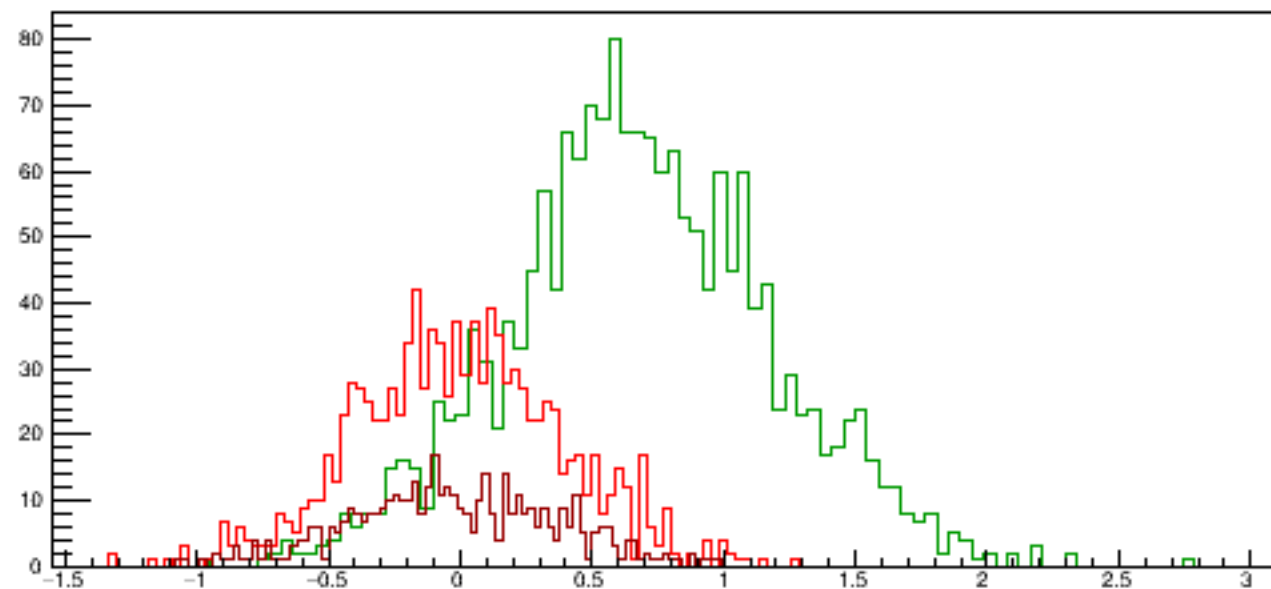
bcm:mpsCoda {mpsCoda>=780491 && mpsCoda<=797470}



Cycle 31, Diffs

Entries: 1073	Entries: 1801	Entries: 448
Mean: -0.0017 +/- 0.0120	Mean: 0.6793 +/- 0.0119	Mean: -0.0267 +/- 0.0184
Std Dev: 0.3922 +/- 0.0085	Std Dev: 0.5032 +/- 0.0084	Std Dev: 0.3887 +/- 0.0130

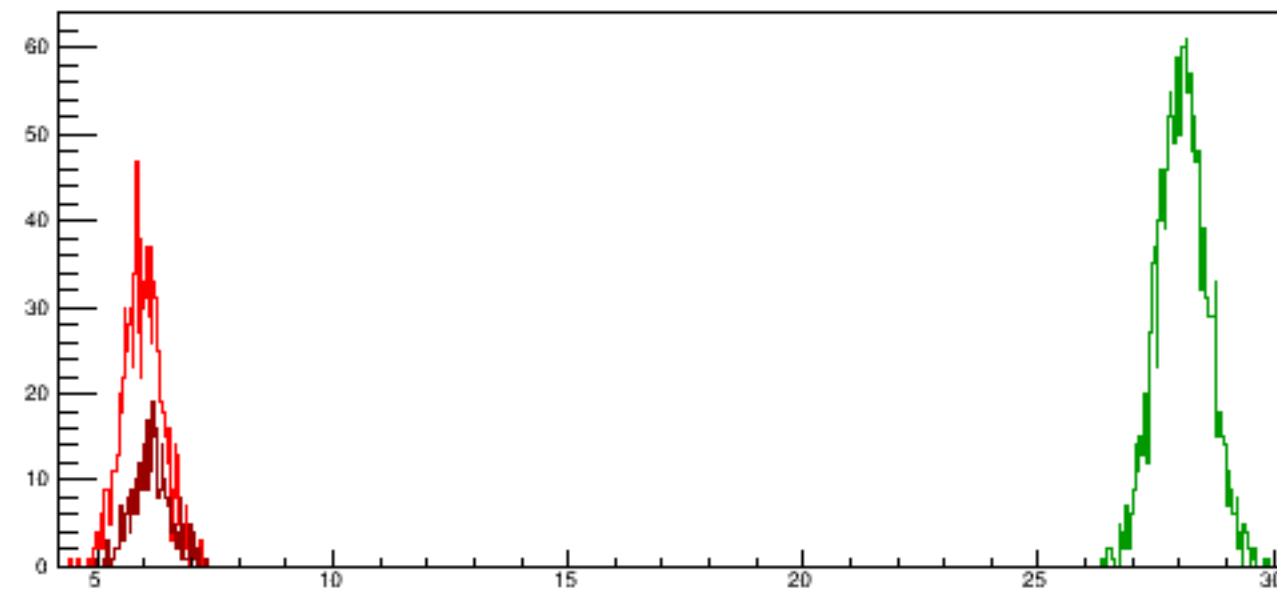
Run 6074 quartetwise, Diffs



Cycle 31, Sums

Entries: 1073	Entries: 1801	Entries: 448
Mean: 5.9523 +/- 0.0129	Mean: 28.0627 +/- 0.0124	Mean: 6.1330 +/- 0.0193
Std Dev: 0.4217 +/- 0.0091	Std Dev: 0.5269 +/- 0.0088	Std Dev: 0.4084 +/- 0.0136

Run 6074 quartetwise, Sums

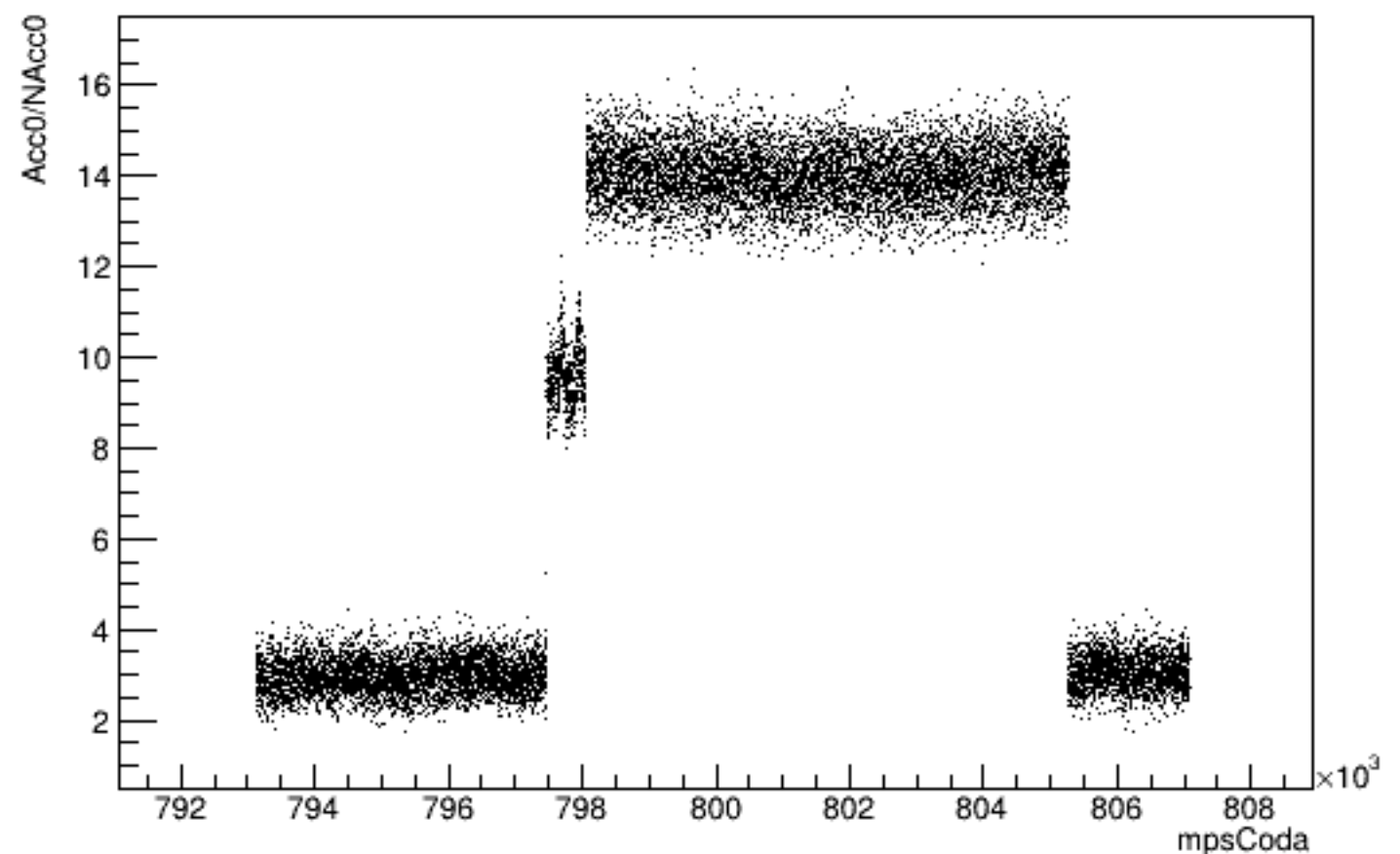
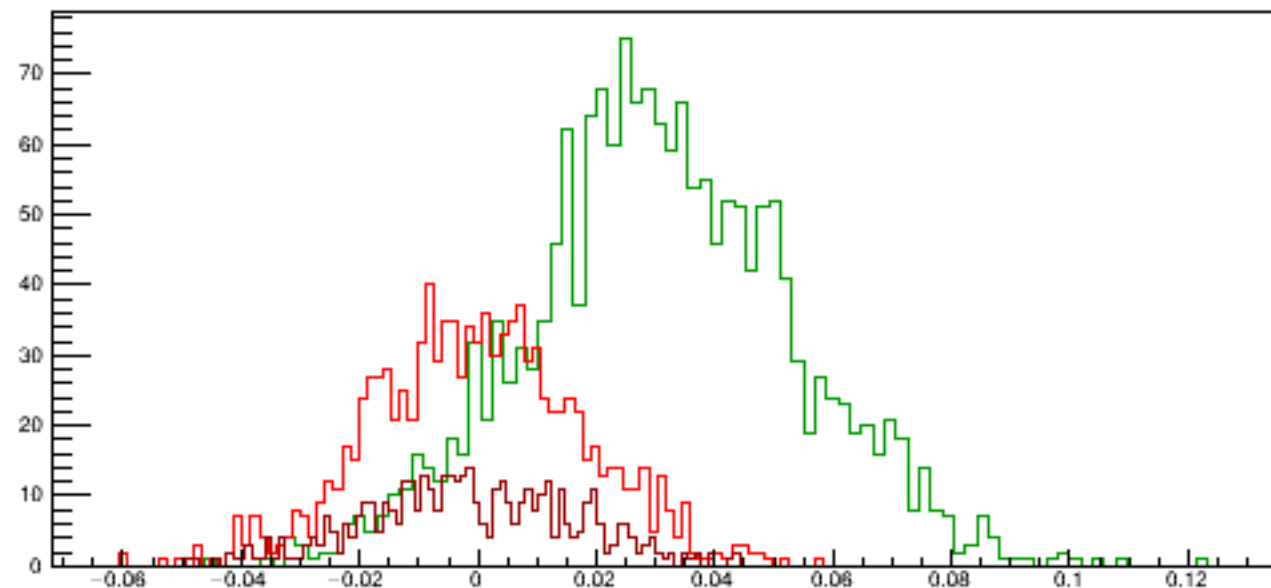


Acc0/NAcc0:mpsCoda (mpsCoda>=793127 && mpsCoda<=809810 && beamState==1)

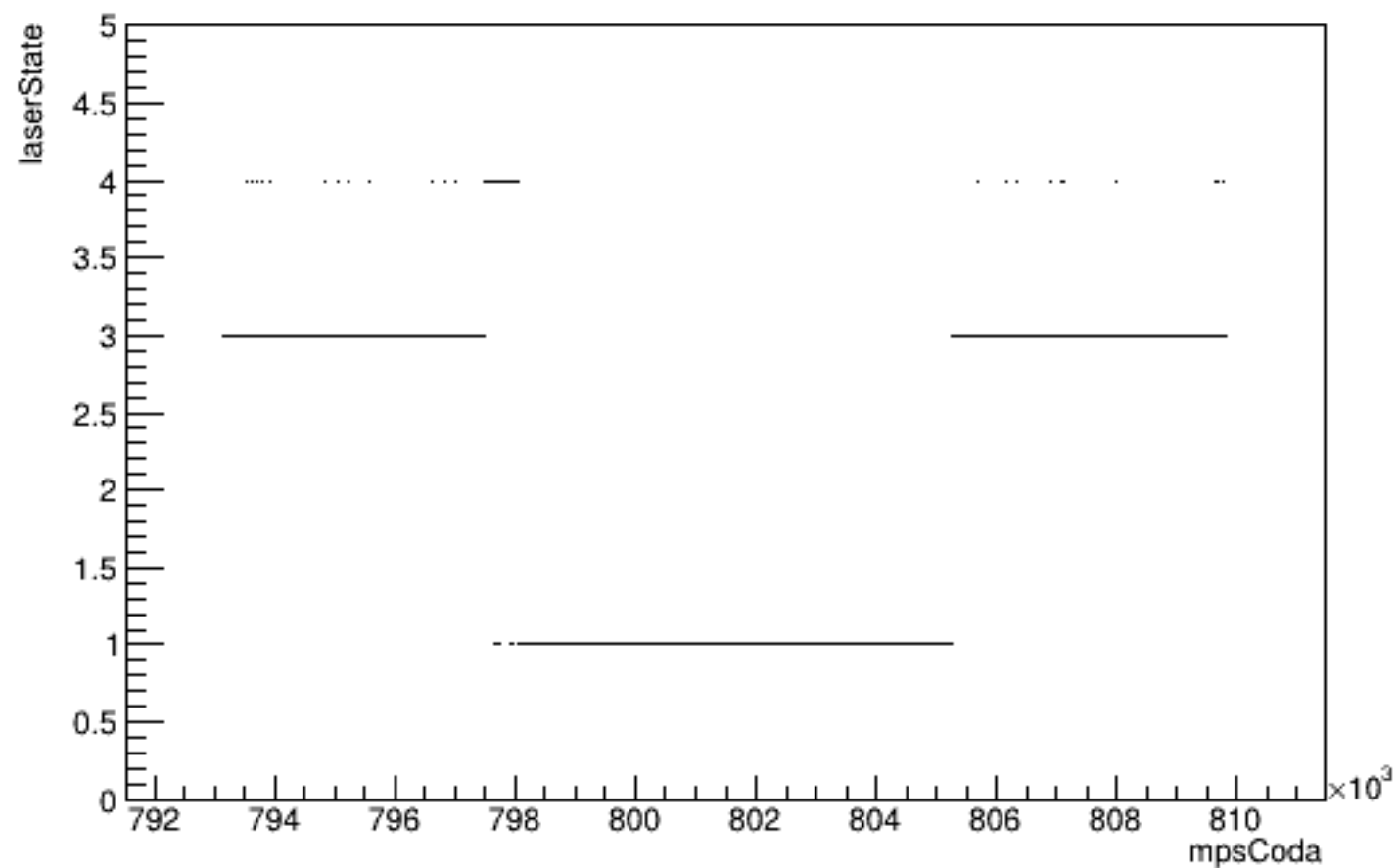
Cycle 31, Asyms

Entries: 1073	Entries: 1801	Entries: 448
Mean: -0.0001 +/- 0.0005	Mean: 0.0308 +/- 0.0005	Mean: -0.0012 +/- 0.0008
Std Dev: 0.0178 +/- 0.0004	Std Dev: 0.0229 +/- 0.0004	Std Dev: 0.0177 +/- 0.0006

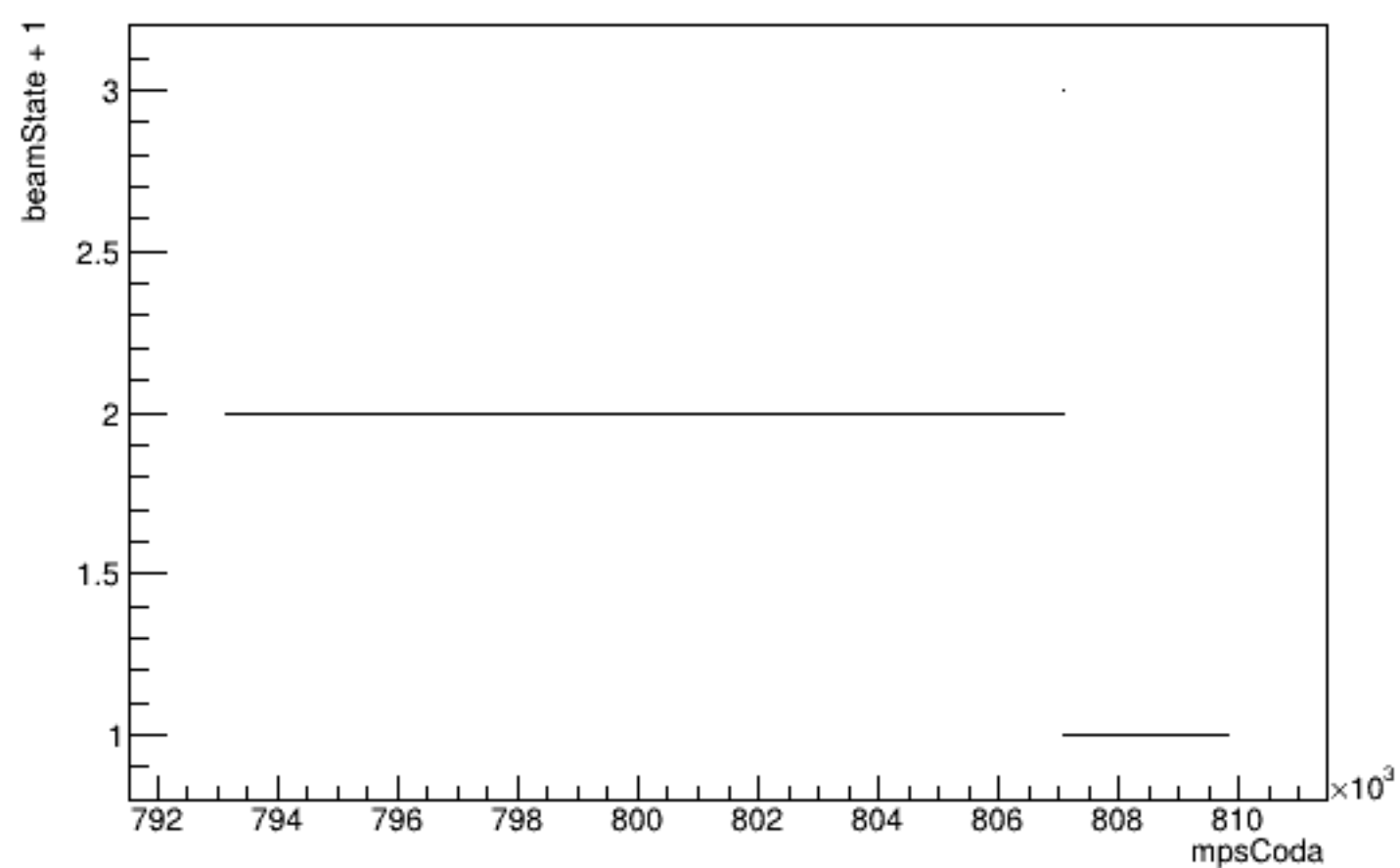
Run 6074 quartetwise, Asyms



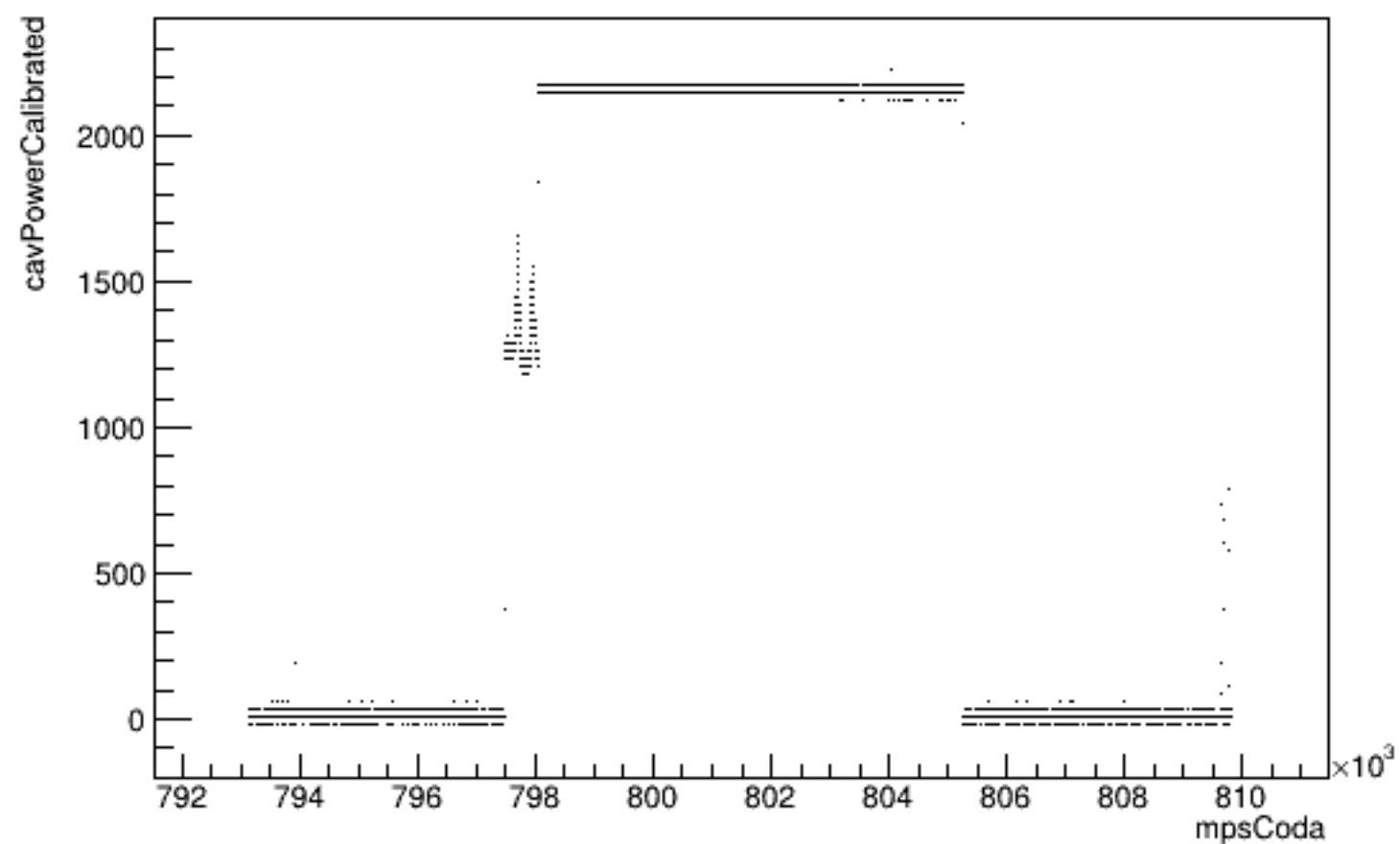
laserState:mpsCoda {mpsCoda>=793127 && mpsCoda<=809810}



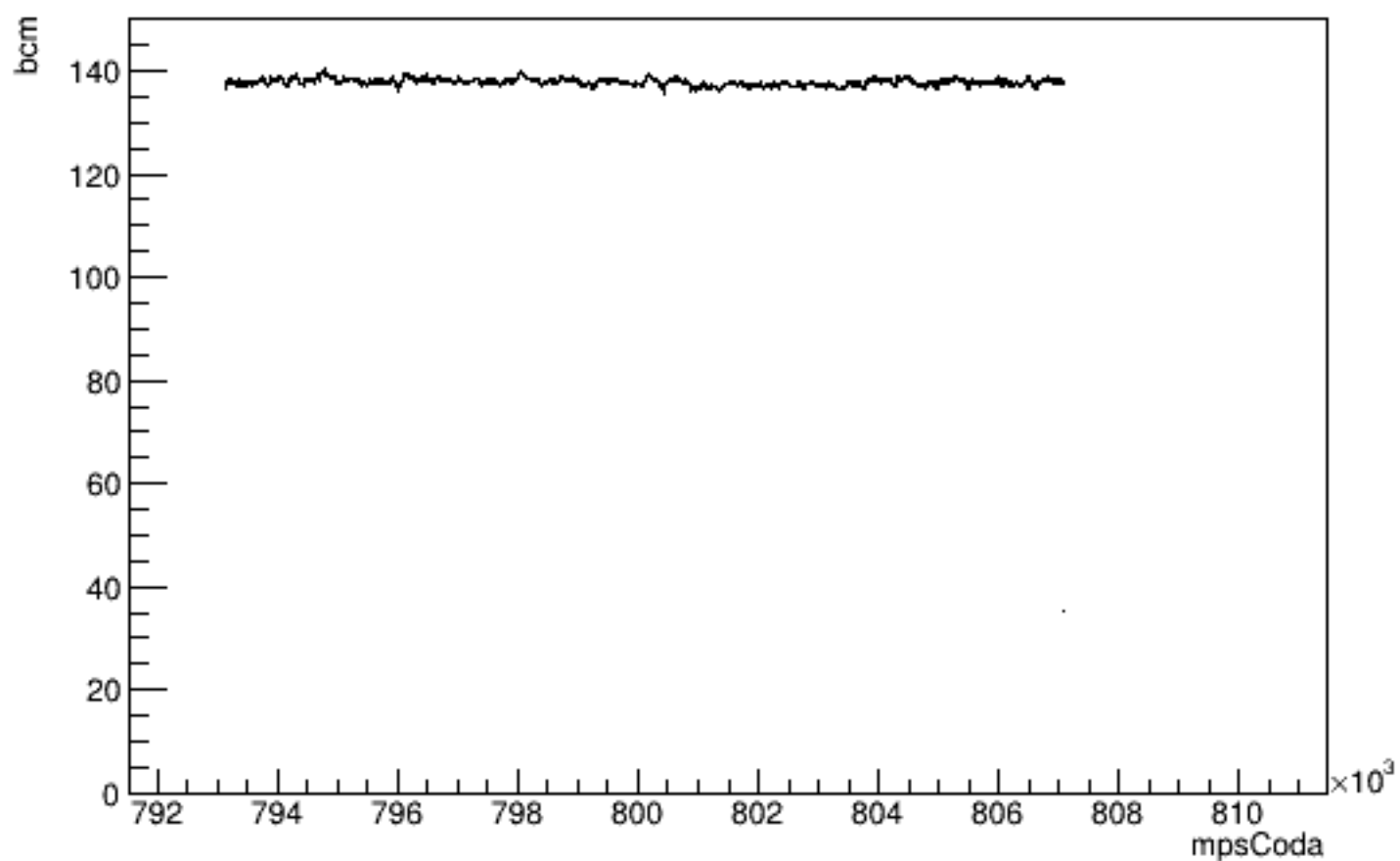
beamState + 1:mpsCoda {mpsCoda>=793127 && mpsCoda<=809810}



cavPowerCalibrated:mpsCoda {mpsCoda>=793127 && mpsCoda<=809810}



bcm:mpsCoda {mpsCoda>=793127 && mpsCoda<=809810}



Cycle 32, Diffs

Entries: 448

Mean: -0.0267 +/- 0.0184

Std Dev: 0.3887 +/- 0.0130

Entries: 1745

Mean: 0.6978 +/- 0.0117

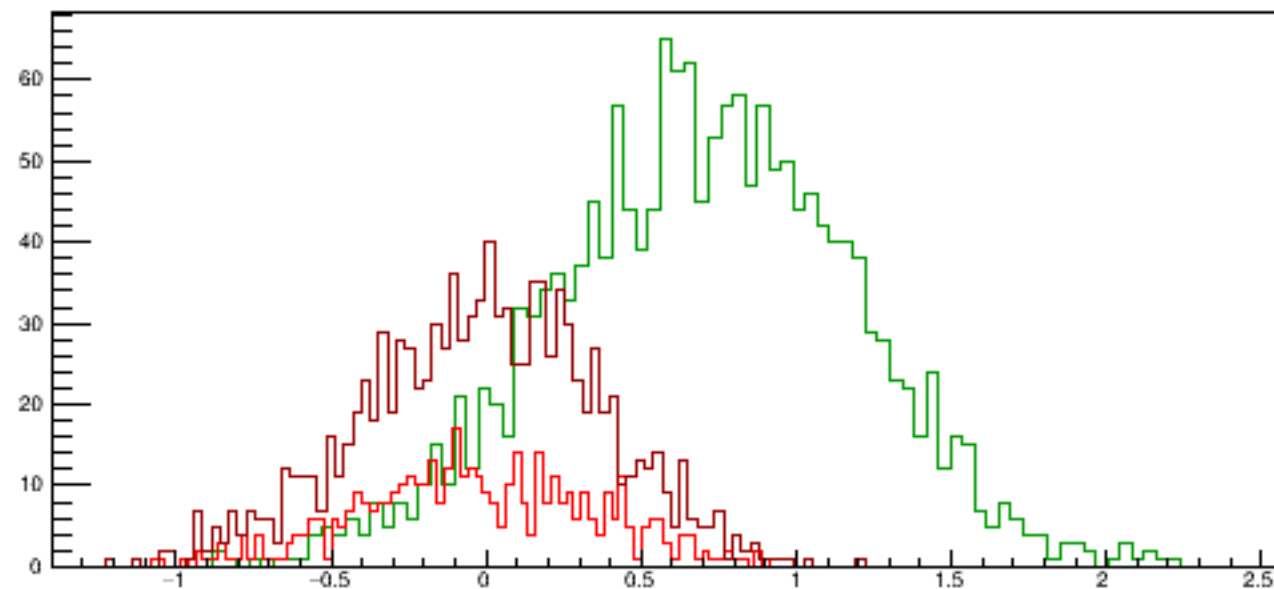
Std Dev: 0.4898 +/- 0.0083

Entries: 1092

Mean: -0.0168 +/- 0.0116

Std Dev: 0.3835 +/- 0.0082

Run 6074 quartetwise, Diffs



Cycle 32, Sums

Entries: 448

Mean: 6.1330 +/- 0.0193

Std Dev: 0.4084 +/- 0.0136

Entries: 1745

Mean: 27.8544 +/- 0.0135

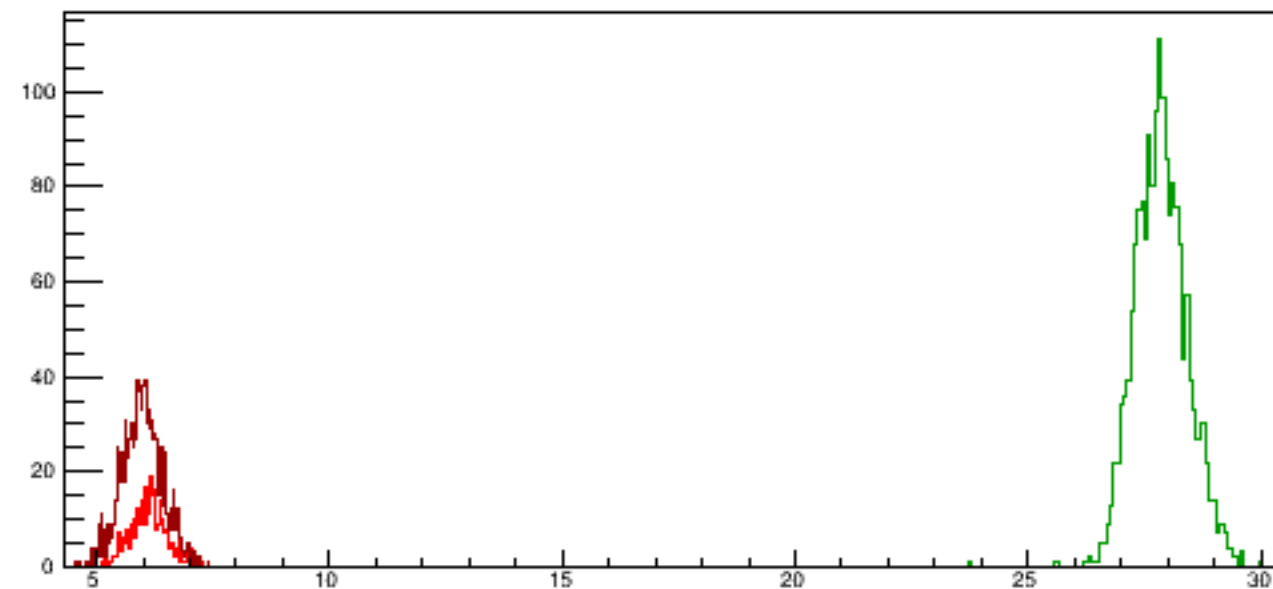
Std Dev: 0.5655 +/- 0.0096

Entries: 1092

Mean: 5.9826 +/- 0.0132

Std Dev: 0.4370 +/- 0.0094

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=805263 && mpsCoda<=822086 && beamState==1)

Cycle 32, Asyms

Entries: 448

Mean: -0.0012 +/- 0.0008

Std Dev: 0.0178 +/- 0.0006

Entries: 1745

Mean: 0.0320 +/- 0.0005

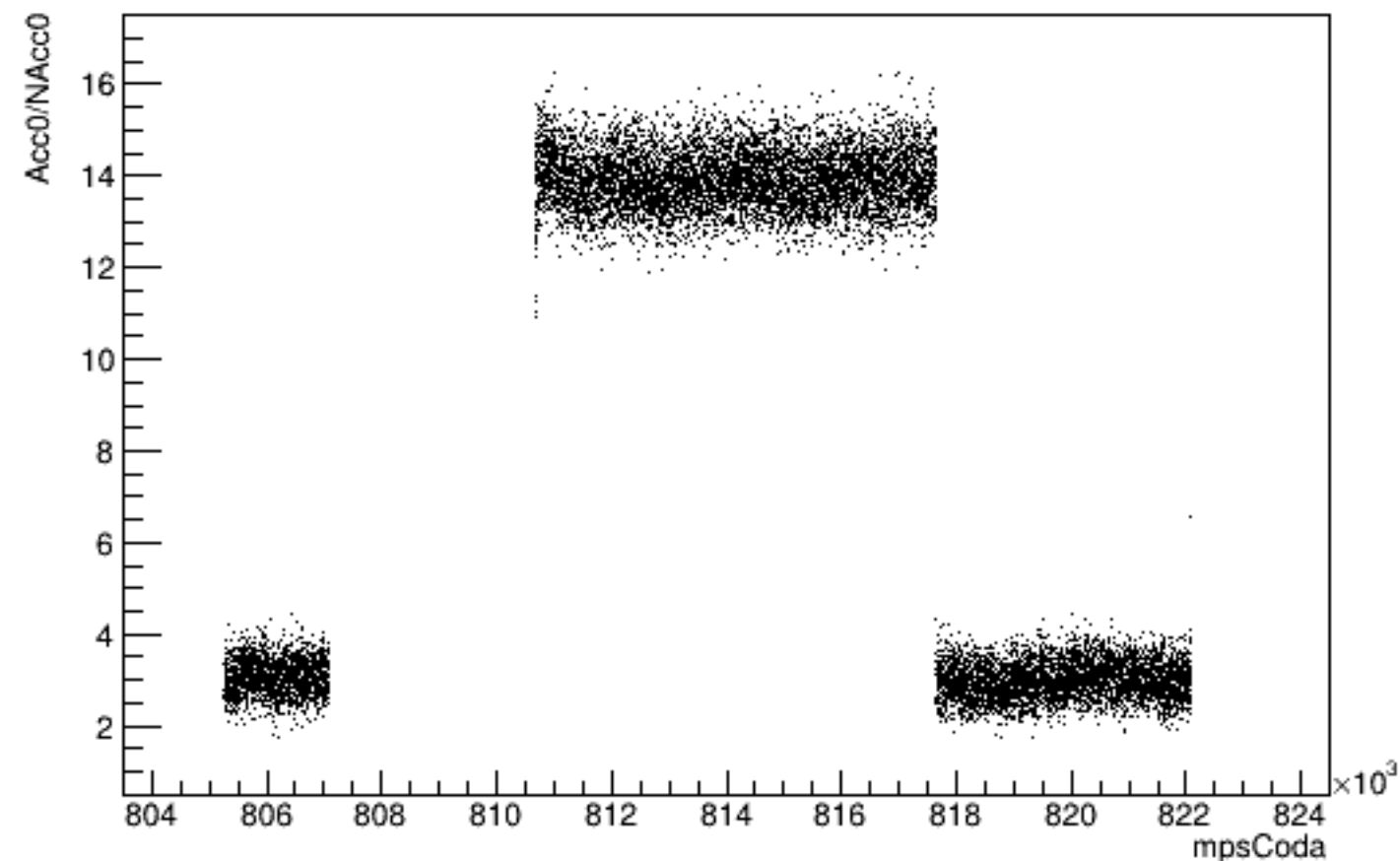
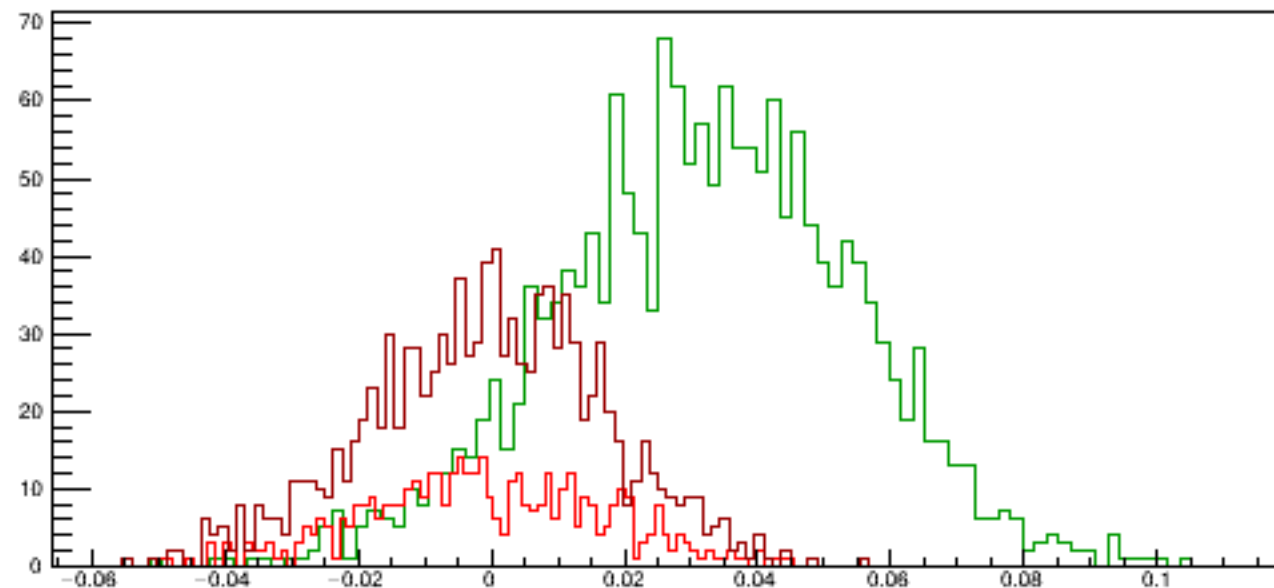
Std Dev: 0.0225 +/- 0.0004

Entries: 1092

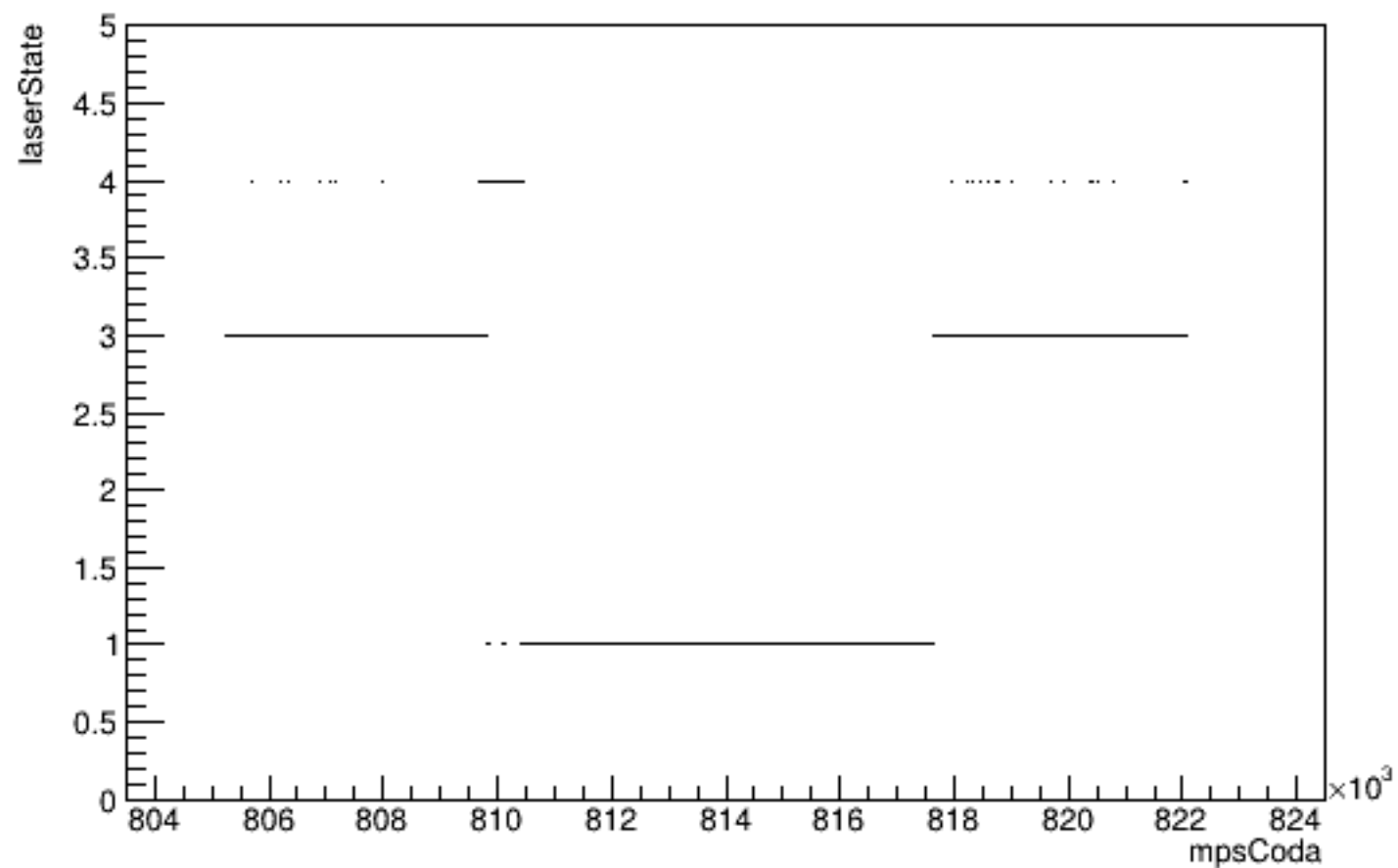
Mean: -0.0008 +/- 0.0005

Std Dev: 0.0176 +/- 0.0004

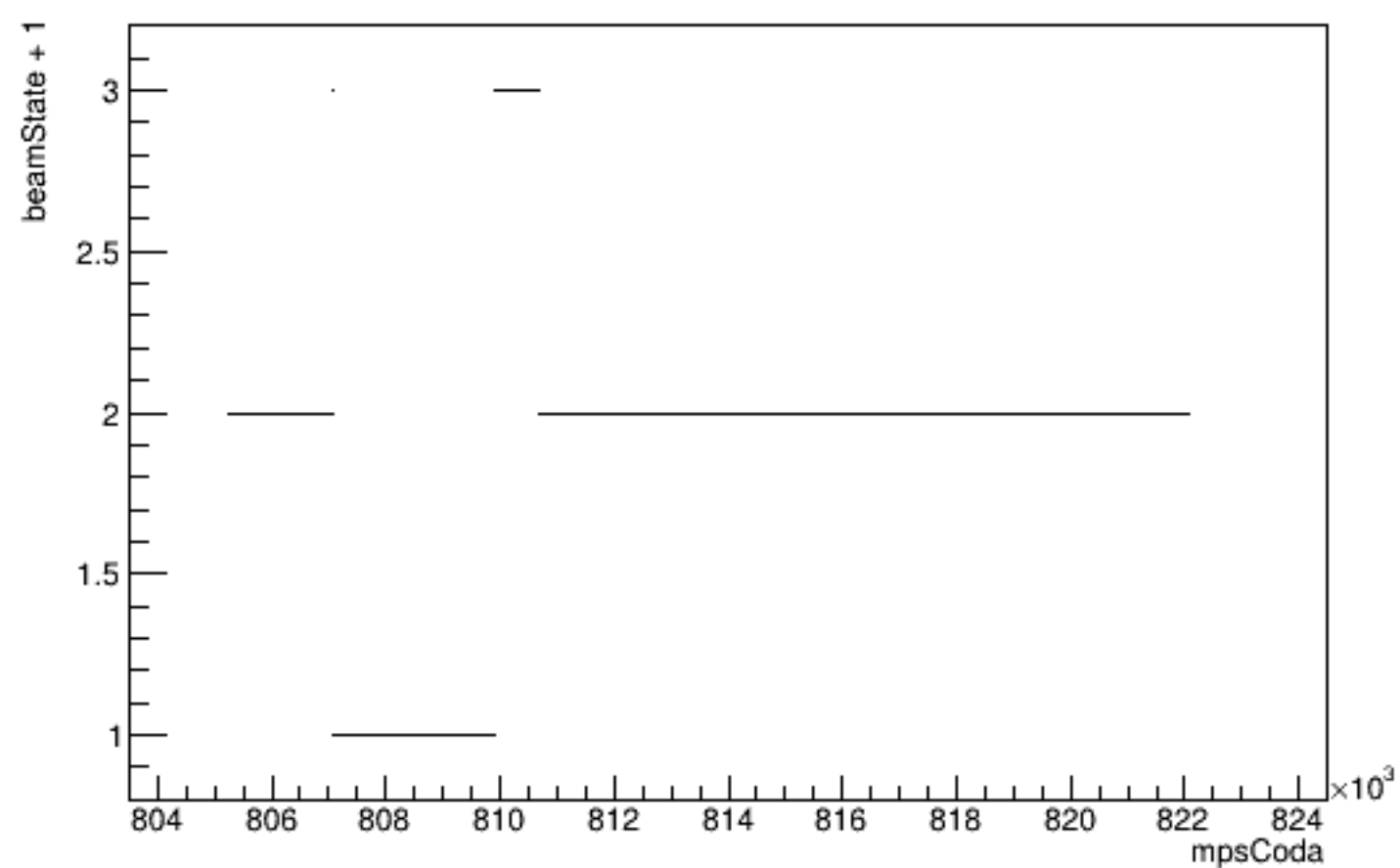
Run 6074 quartetwise, Asyms



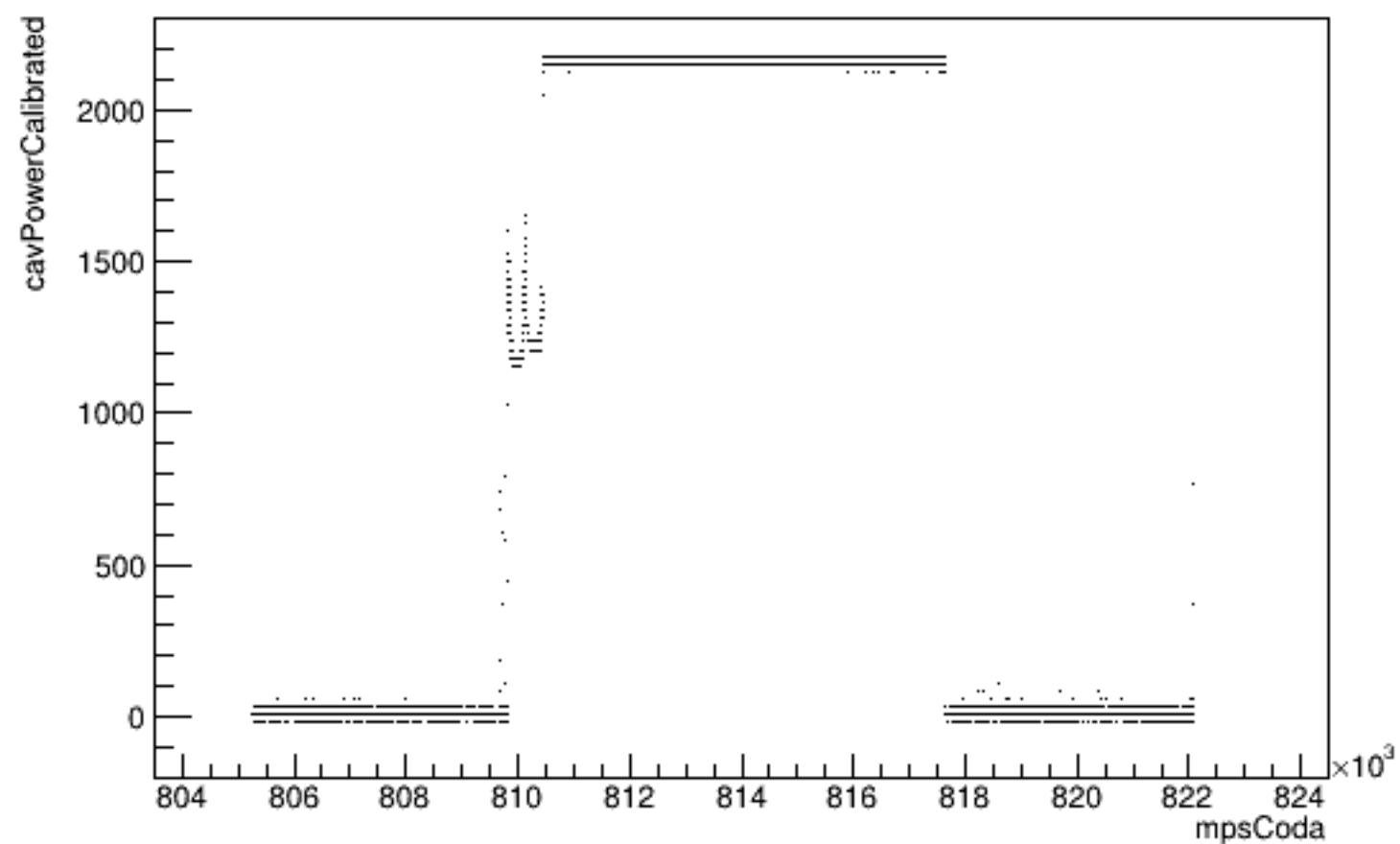
laserState:mpsCoda {mpsCoda>=805263 && mpsCoda<=822086}



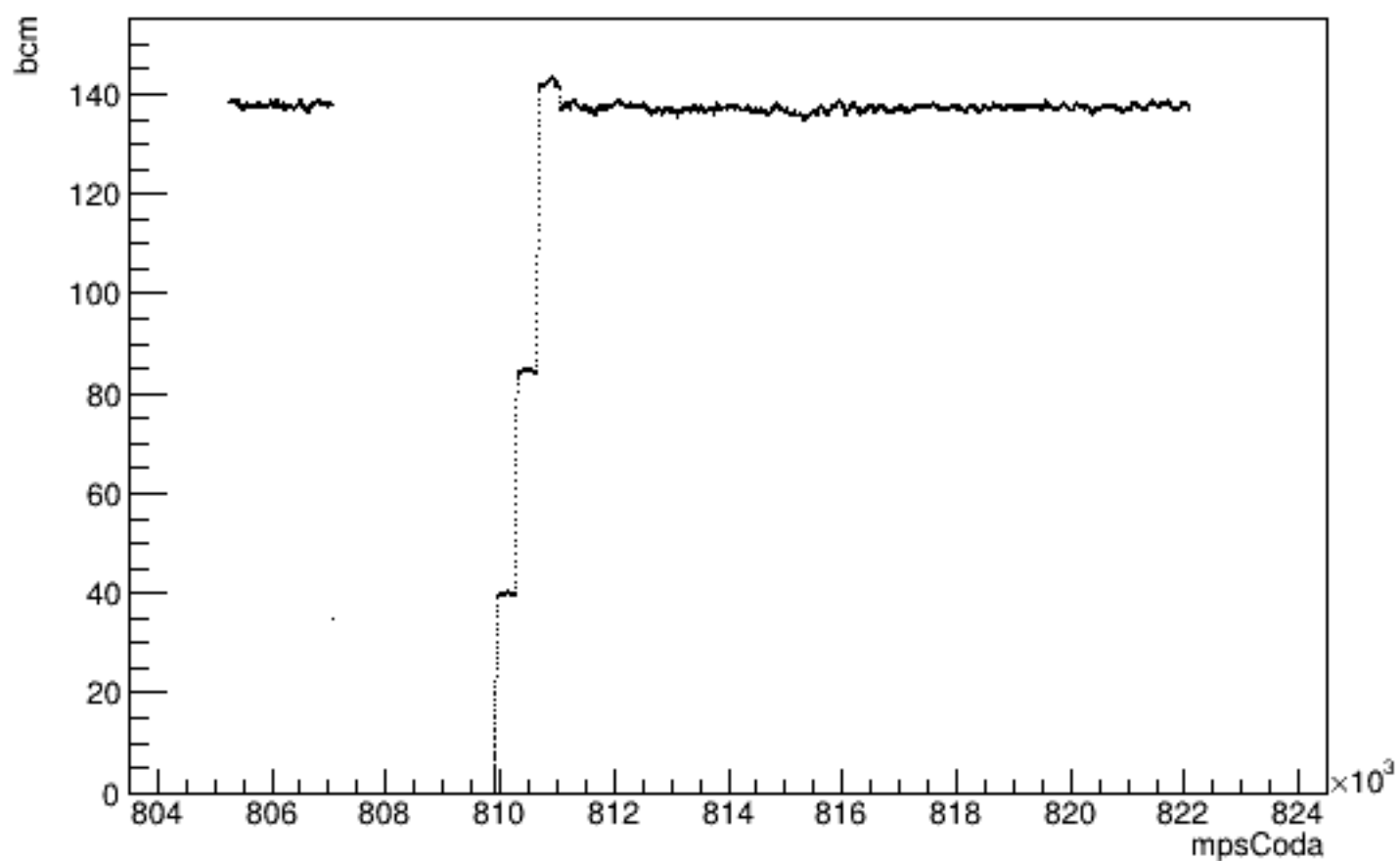
beamState + 1:mpsCoda {mpsCoda>=805263 && mpsCoda<=822086}



cavPowerCalibrated:mpsCoda {mpsCoda>=805263 && mpsCoda<=822086}



bcm:mpsCoda {mpsCoda>=805263 && mpsCoda<=822086}



Cycle 33, Diffs

Entries: 1092

Mean: -0.0168 +/- 0.0116

Std Dev: 0.3835 +/- 0.0082

Entries: 1800

Mean: 0.6785 +/- 0.0117

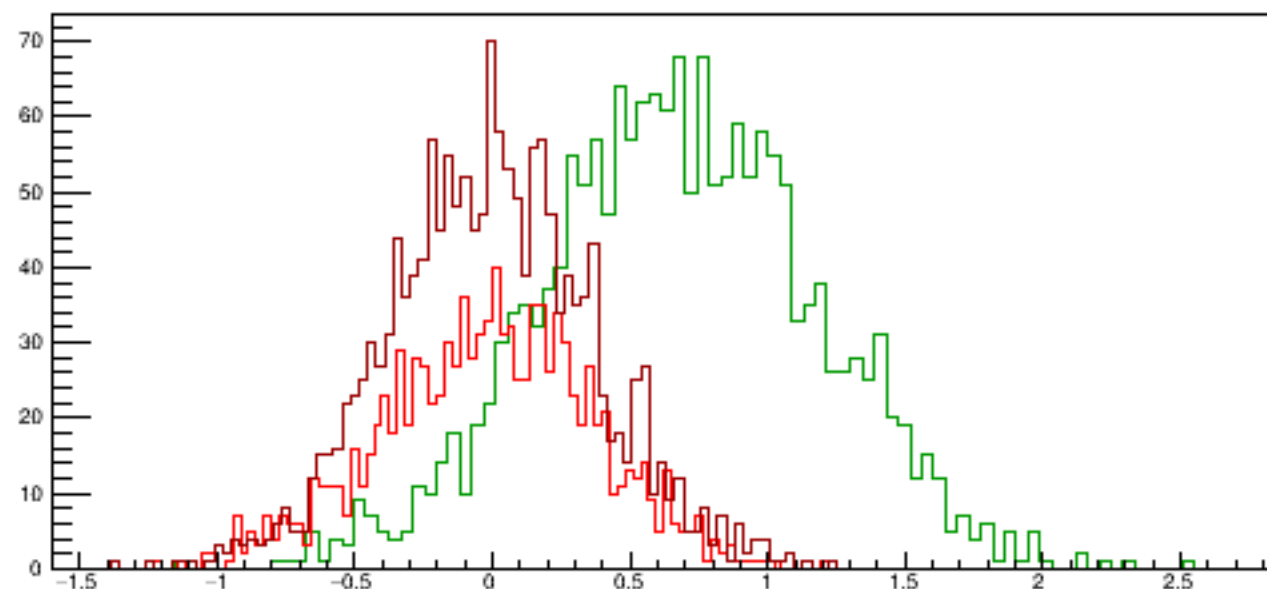
Std Dev: 0.4973 +/- 0.0083

Entries: 1614

Mean: -0.0073 +/- 0.0093

Std Dev: 0.3742 +/- 0.0066

Run 6074 quartetwise, Diffs



Cycle 33, Sums

Entries: 1092

Mean: 5.9826 +/- 0.0132

Std Dev: 0.4370 +/- 0.0094

Entries: 1800

Mean: 28.1688 +/- 0.0127

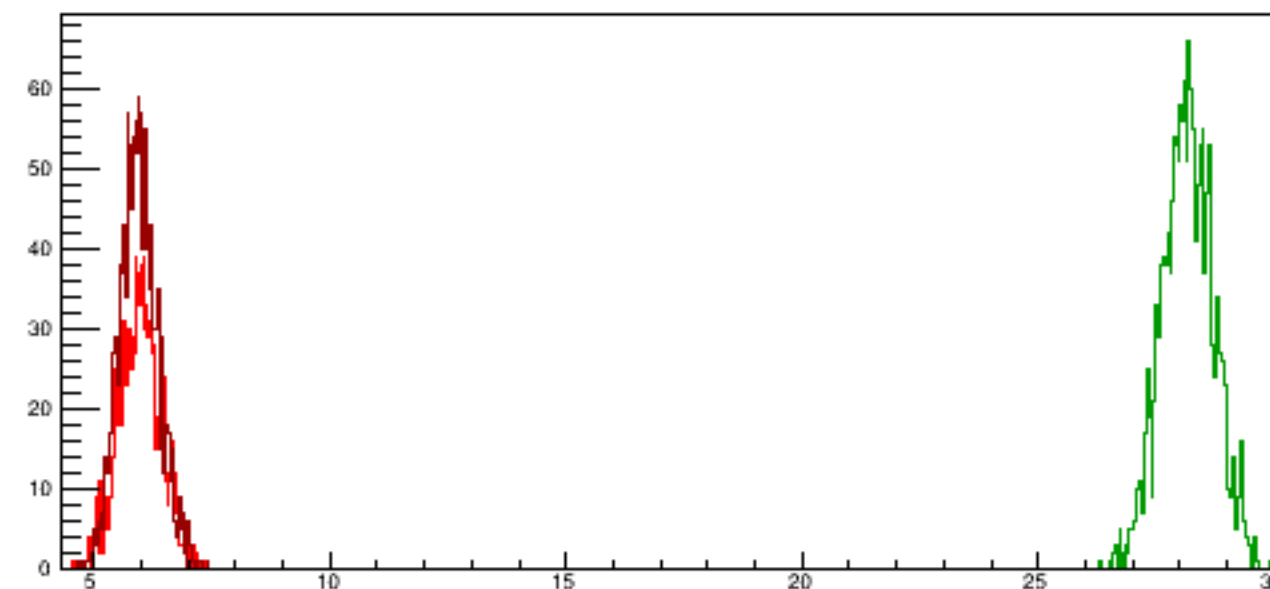
Std Dev: 0.5381 +/- 0.0090

Entries: 1614

Mean: 5.9486 +/- 0.0102

Std Dev: 0.4081 +/- 0.0072

Run 6074 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=817651 && mpsCoda<=836602 && beamState==1)

Cycle 33, Asyms

Entries: 1092

Mean: -0.0008 +/- 0.0005

Std Dev: 0.0173 +/- 0.0004

Entries: 1800

Mean: 0.0306 +/- 0.0005

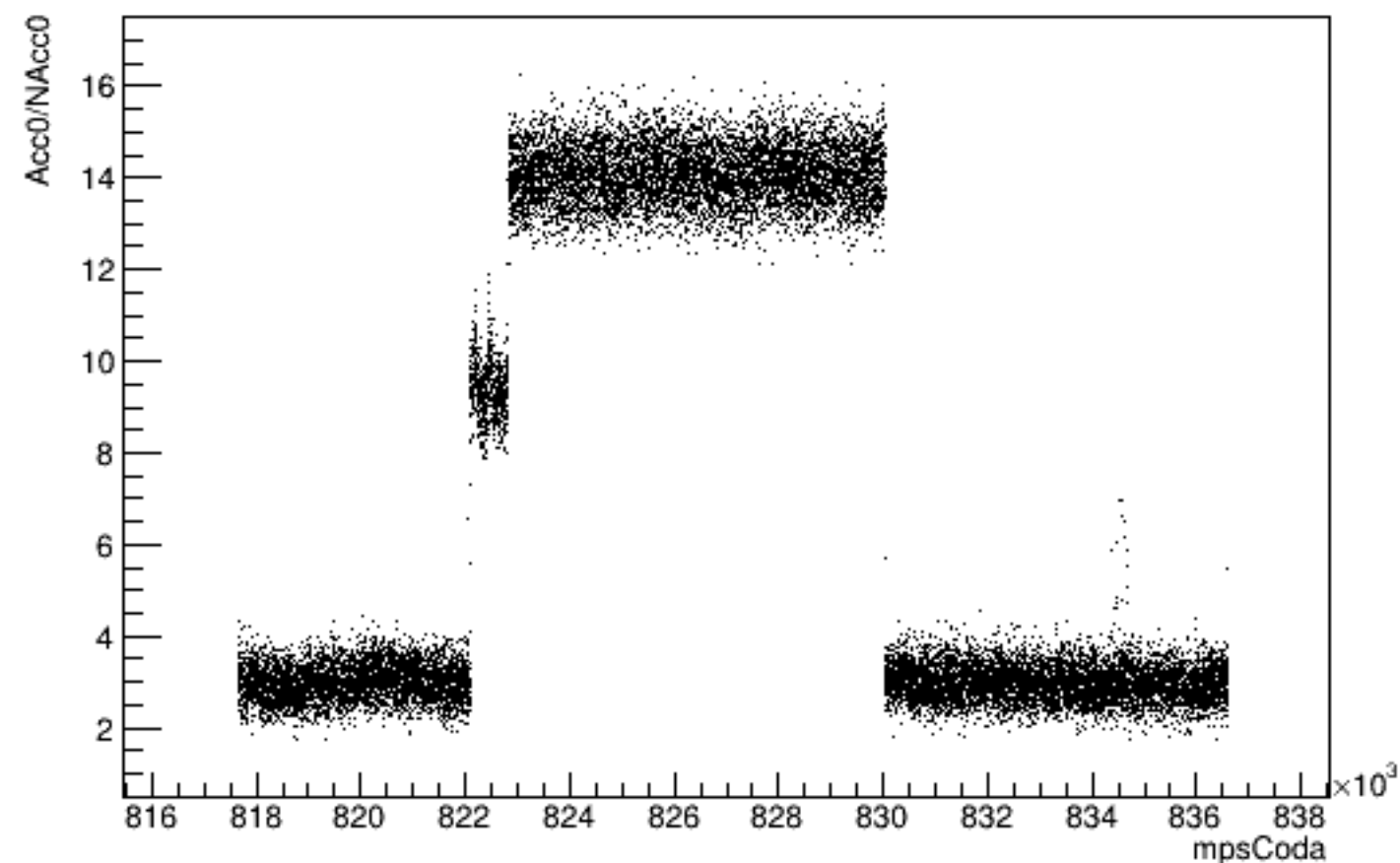
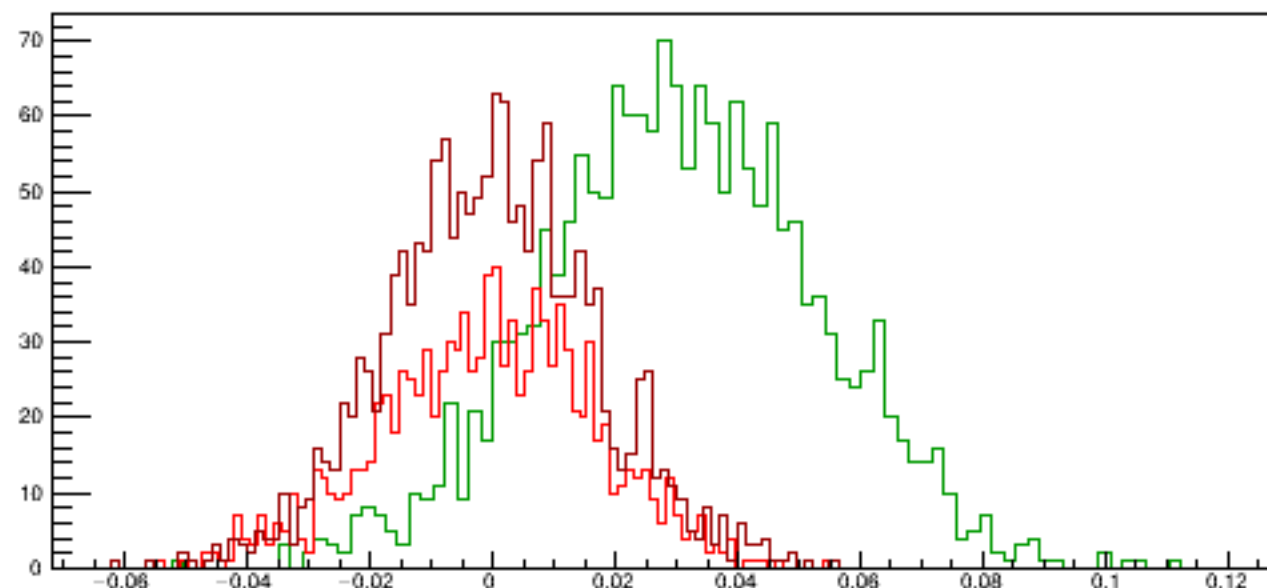
Std Dev: 0.0224 +/- 0.0004

Entries: 1614

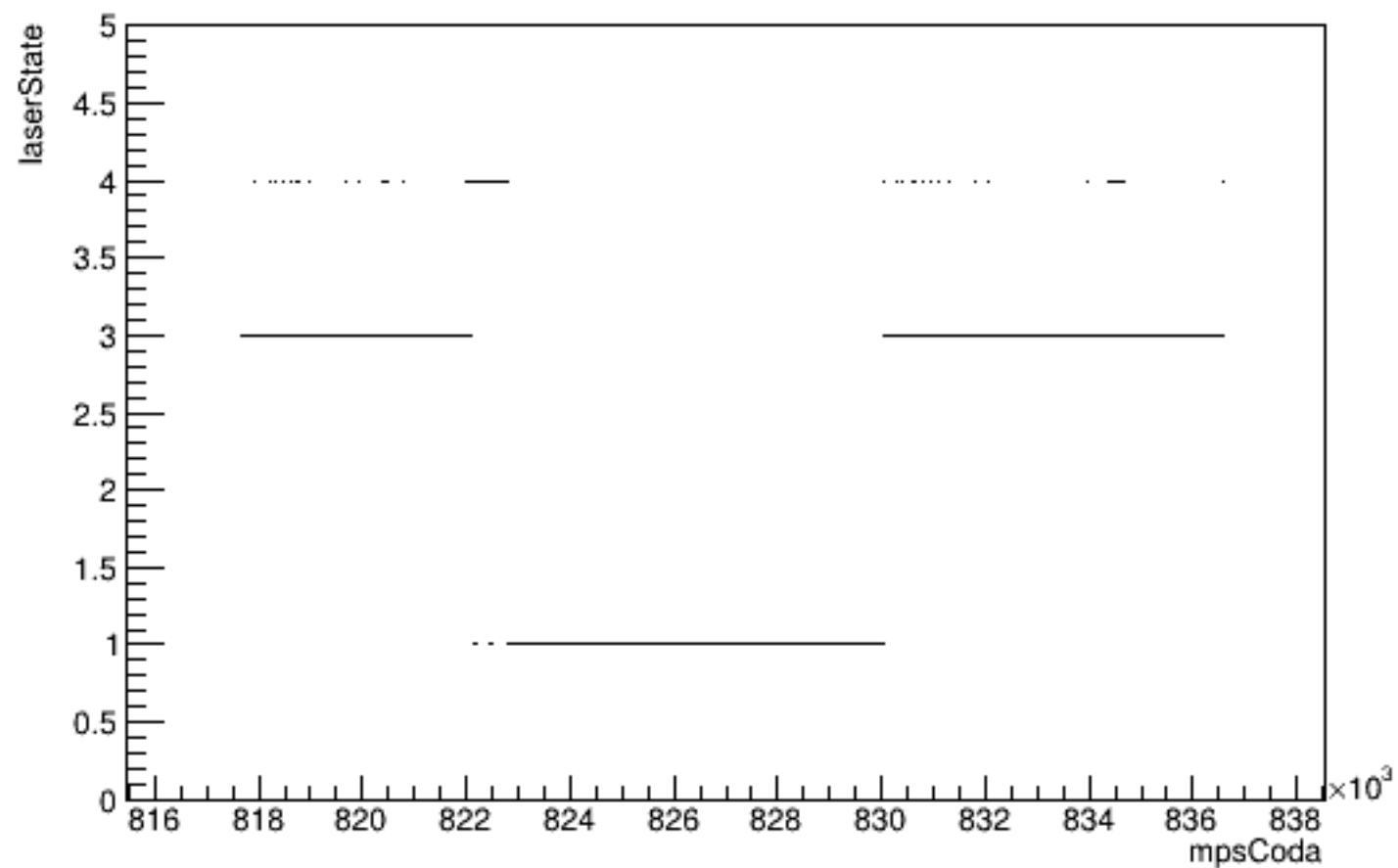
Mean: -0.0003 +/- 0.0004

Std Dev: 0.0169 +/- 0.0003

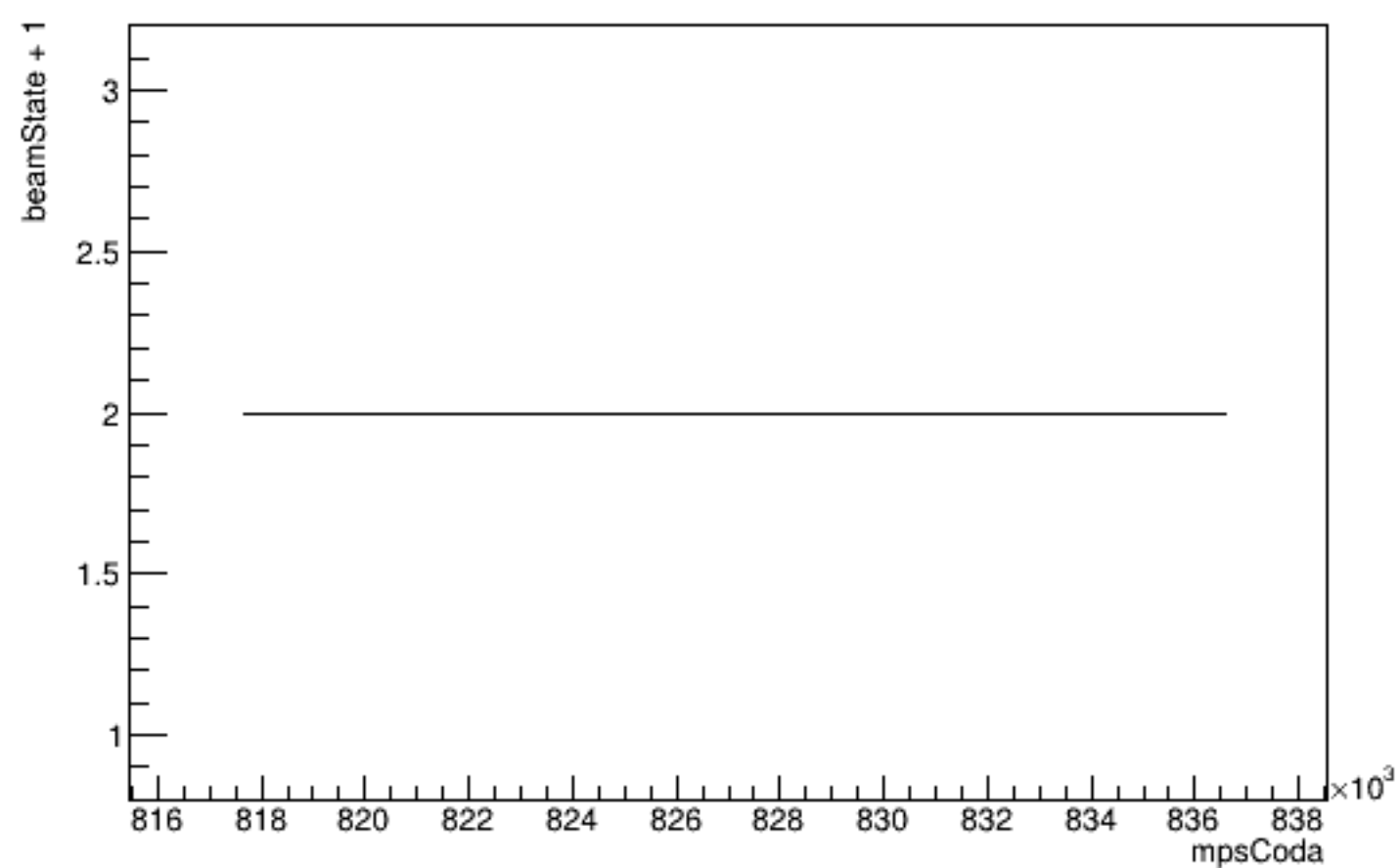
Run 6074 quartetwise, Asyms



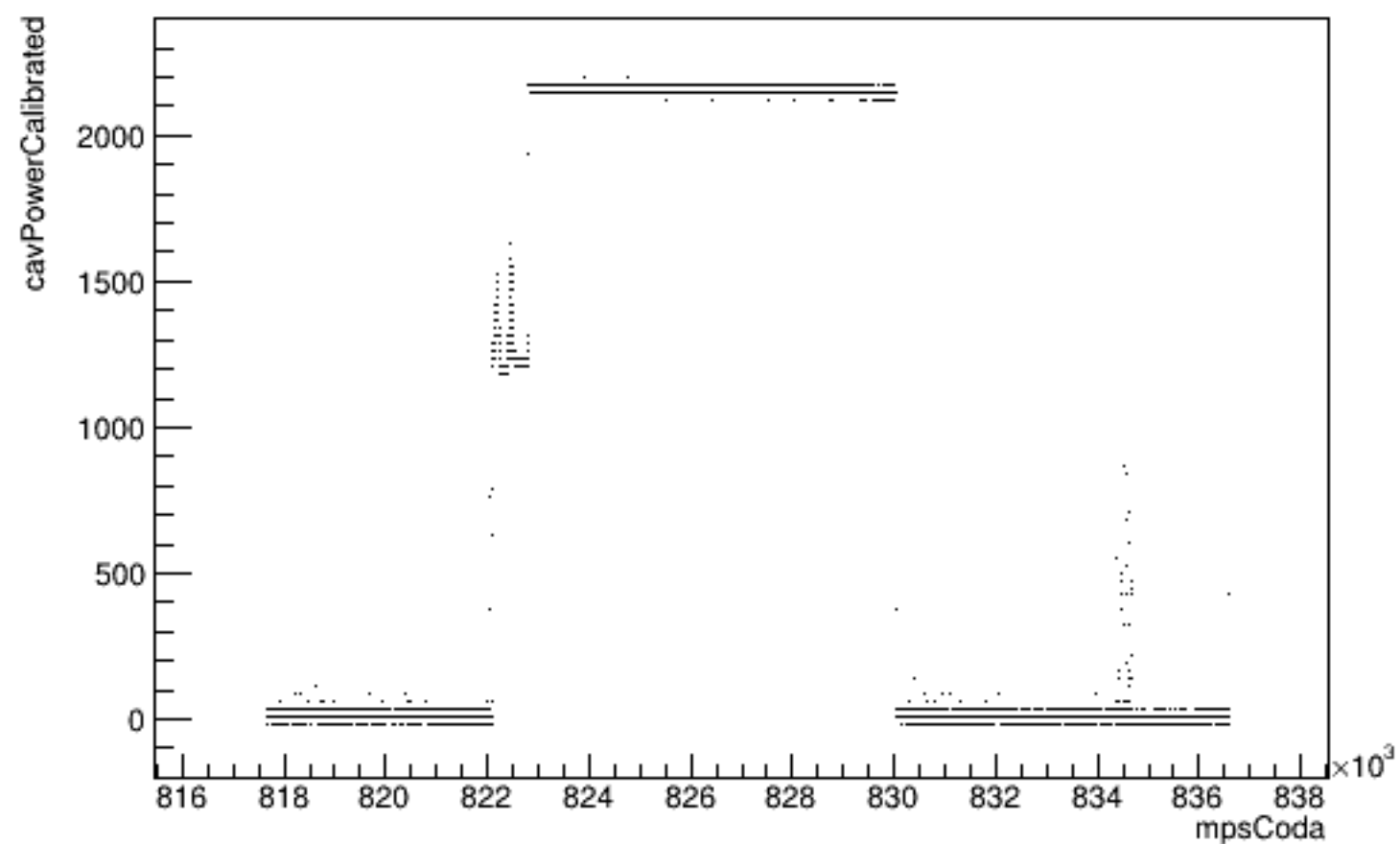
laserState:mpsCoda {mpsCoda>=817651 && mpsCoda<=836602}



beamState + 1:mpsCoda {mpsCoda>=817651 && mpsCoda<=836602}



cavPowerCalibrated:mpsCoda {mpsCoda>=817651 && mpsCoda<=836602}



bcm:mpsCoda {mpsCoda>=817651 && mpsCoda<=836602}

