

Cycle 1, Diffs

Entries: 1667

Mean: -0.0015 +/- 0.0101

Std Dev: 0.4141 +/- 0.0072

Entries: 2017

Mean: -0.5595 +/- 0.0334

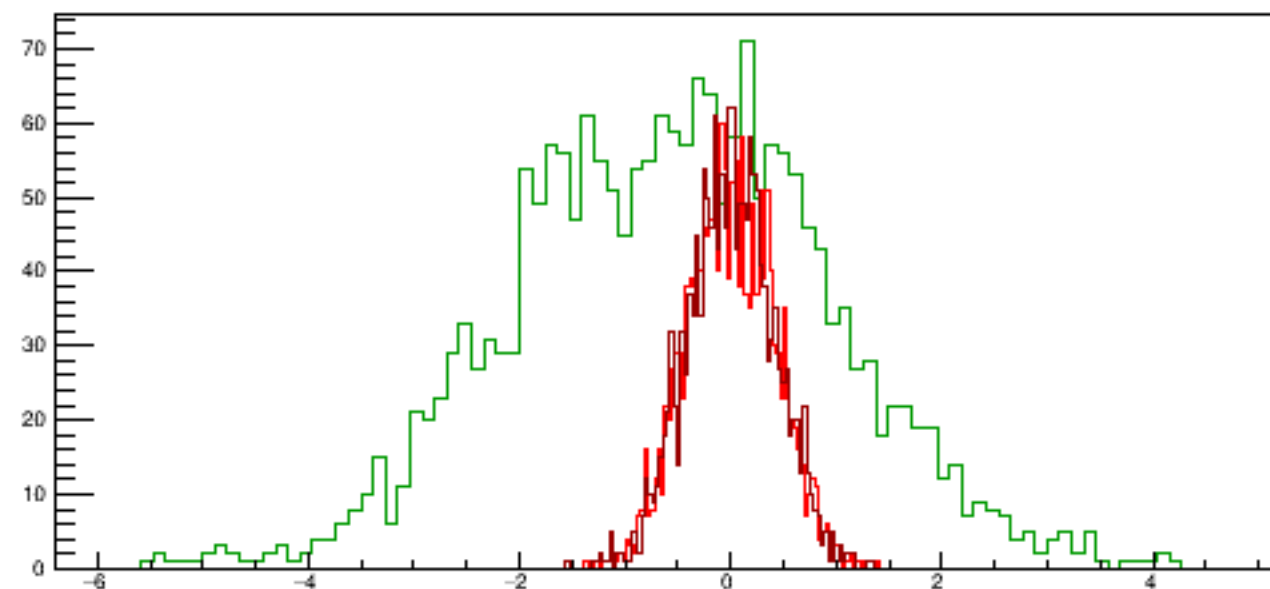
Std Dev: 1.5019 +/- 0.0236

Entries: 1646

Mean: 0.0020 +/- 0.0102

Std Dev: 0.4140 +/- 0.0072

Run 5888 quartetwise, Diffs



Cycle 1, Sums

Entries: 1667

Mean: 7.0507 +/- 0.0112

Std Dev: 0.4560 +/- 0.0079

Entries: 2017

Mean: 25.5267 +/- 0.0621

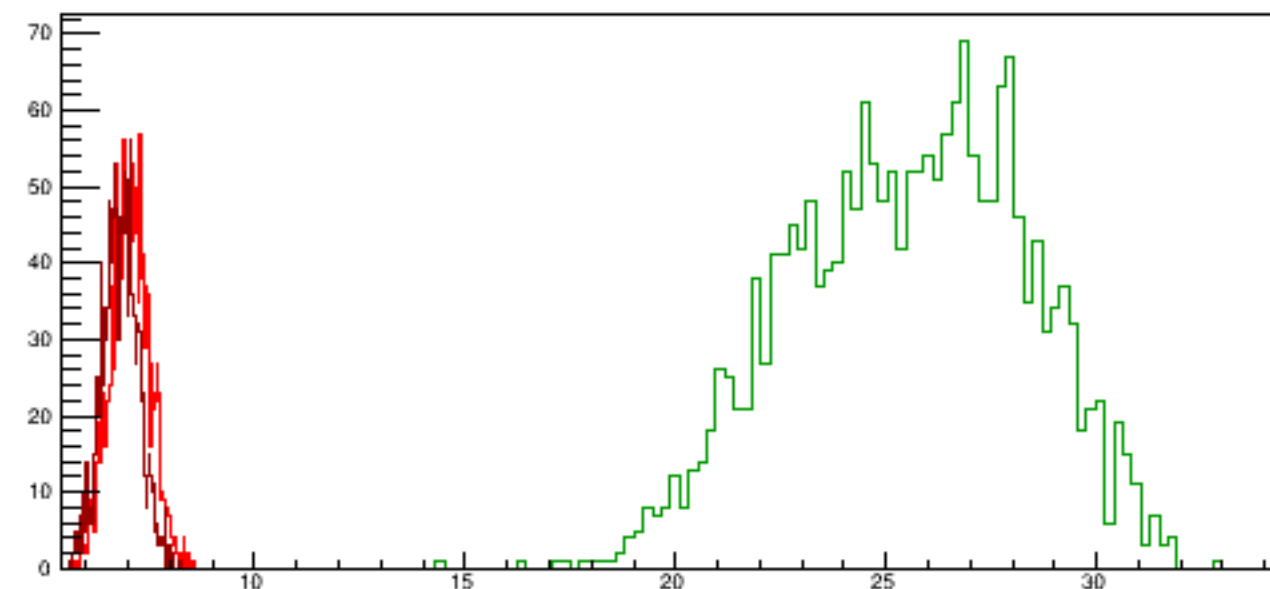
Std Dev: 2.7886 +/- 0.0439

Entries: 1646

Mean: 6.8105 +/- 0.0105

Std Dev: 0.4263 +/- 0.0074

Run 5888 quartetwise, Sums



Cycle 1, Asyms

Entries: 1667

Mean: -0.0001 +/- 0.0005

Std Dev: 0.0223 +/- 0.0004

Entries: 2017

Mean: -0.0301 +/- 0.0019

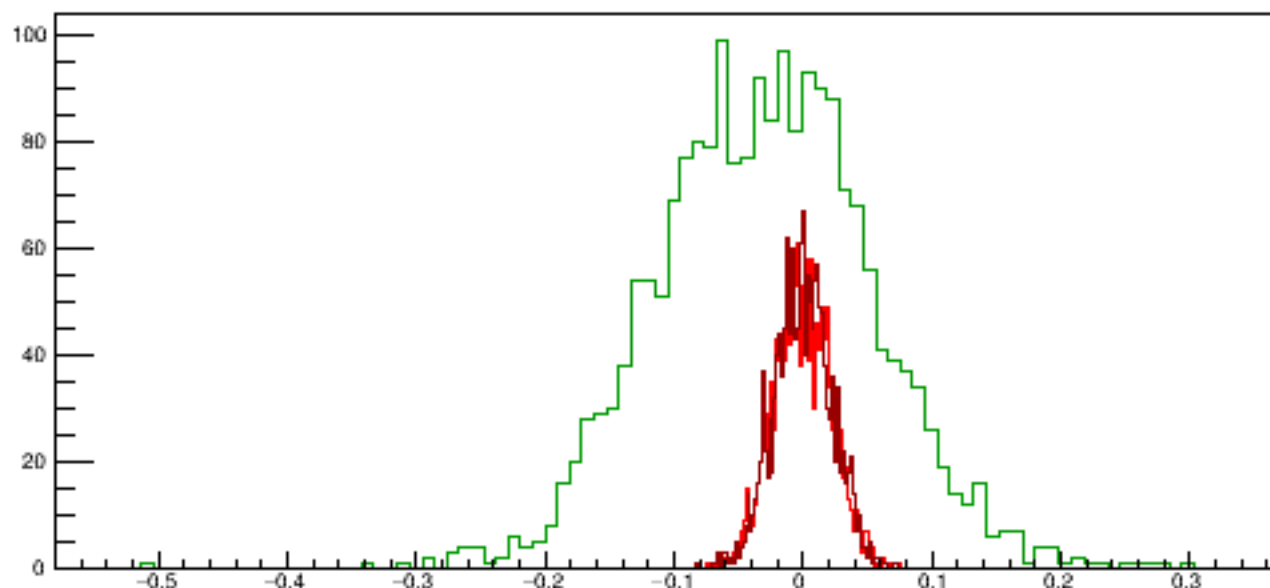
Std Dev: 0.0835 +/- 0.0013

Entries: 1646

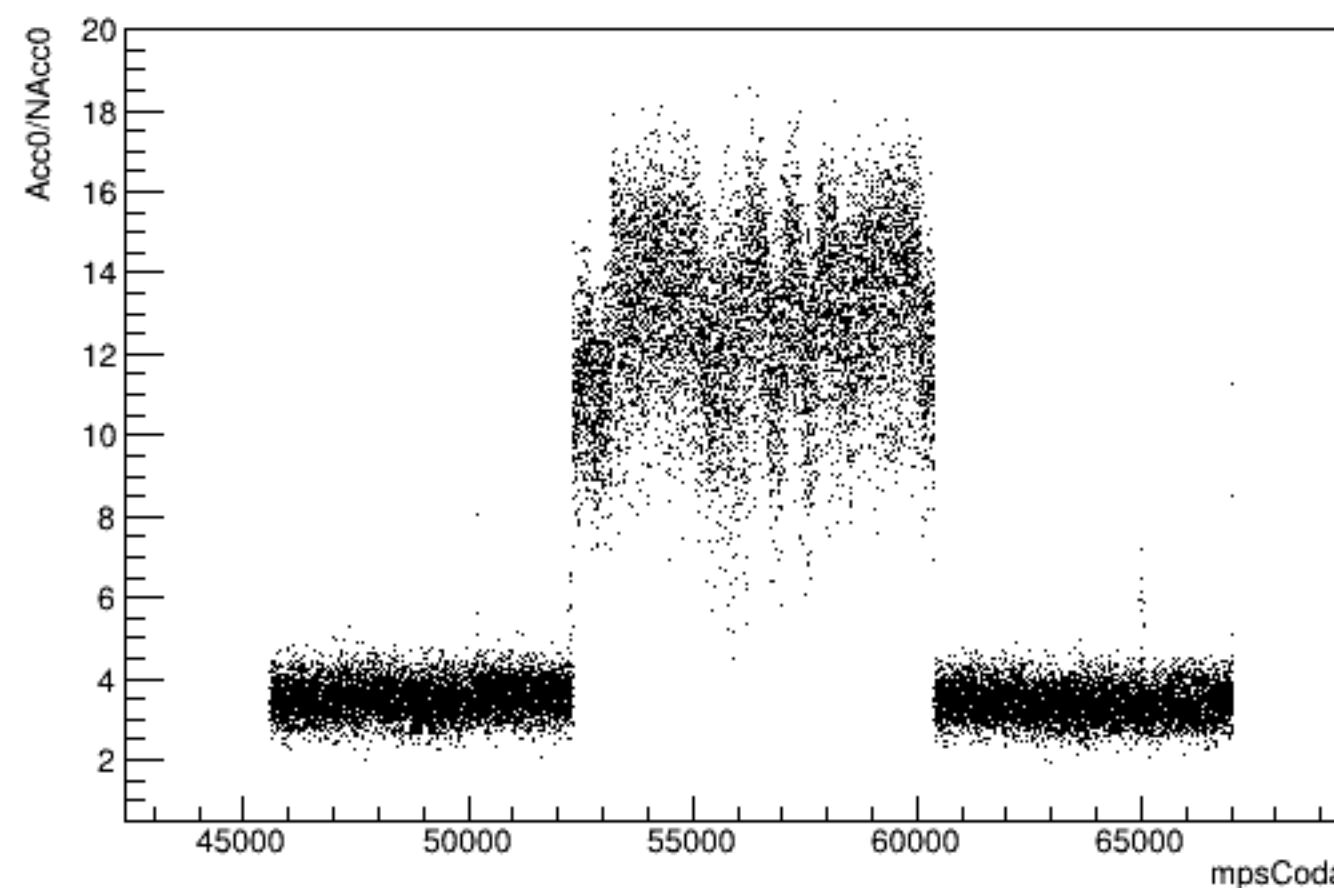
Mean: 0.0001 +/- 0.0005

Std Dev: 0.0223 +/- 0.0004

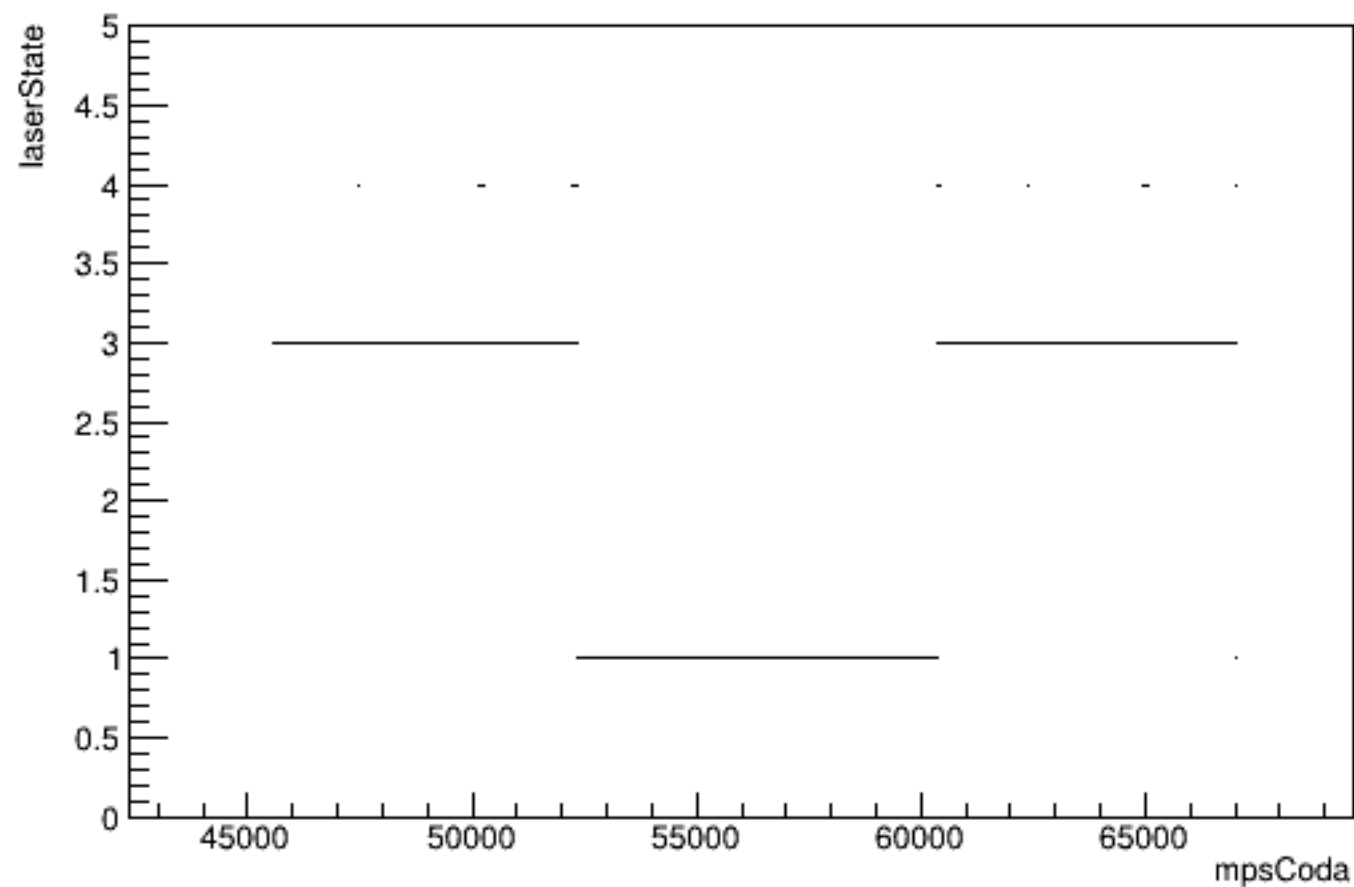
Run 5888 quartetwise, Asyms



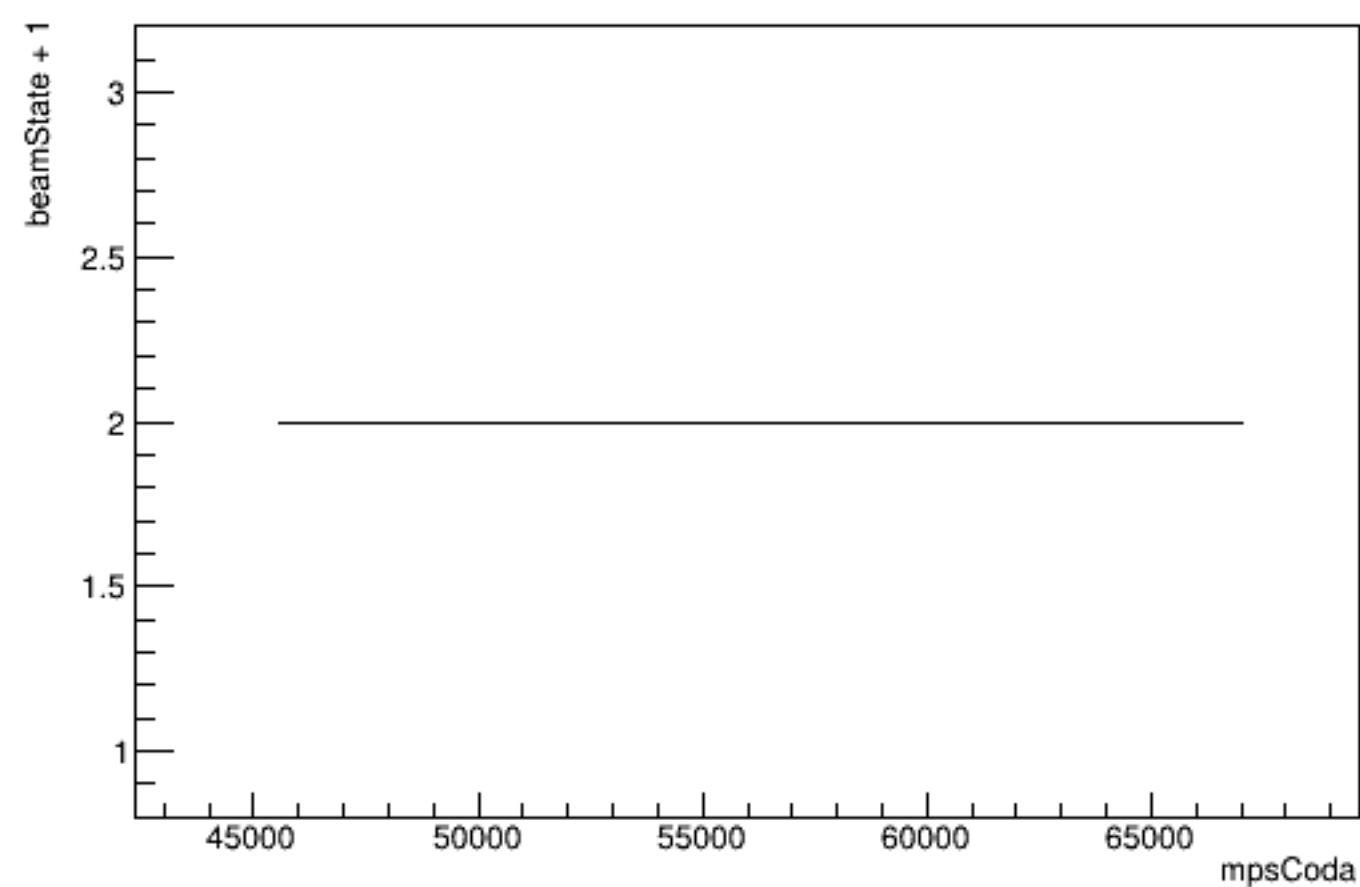
Acc0/NAcc0:mpsCoda {mpsCoda>=45592 && mpsCoda<=67043 && beamState==1}



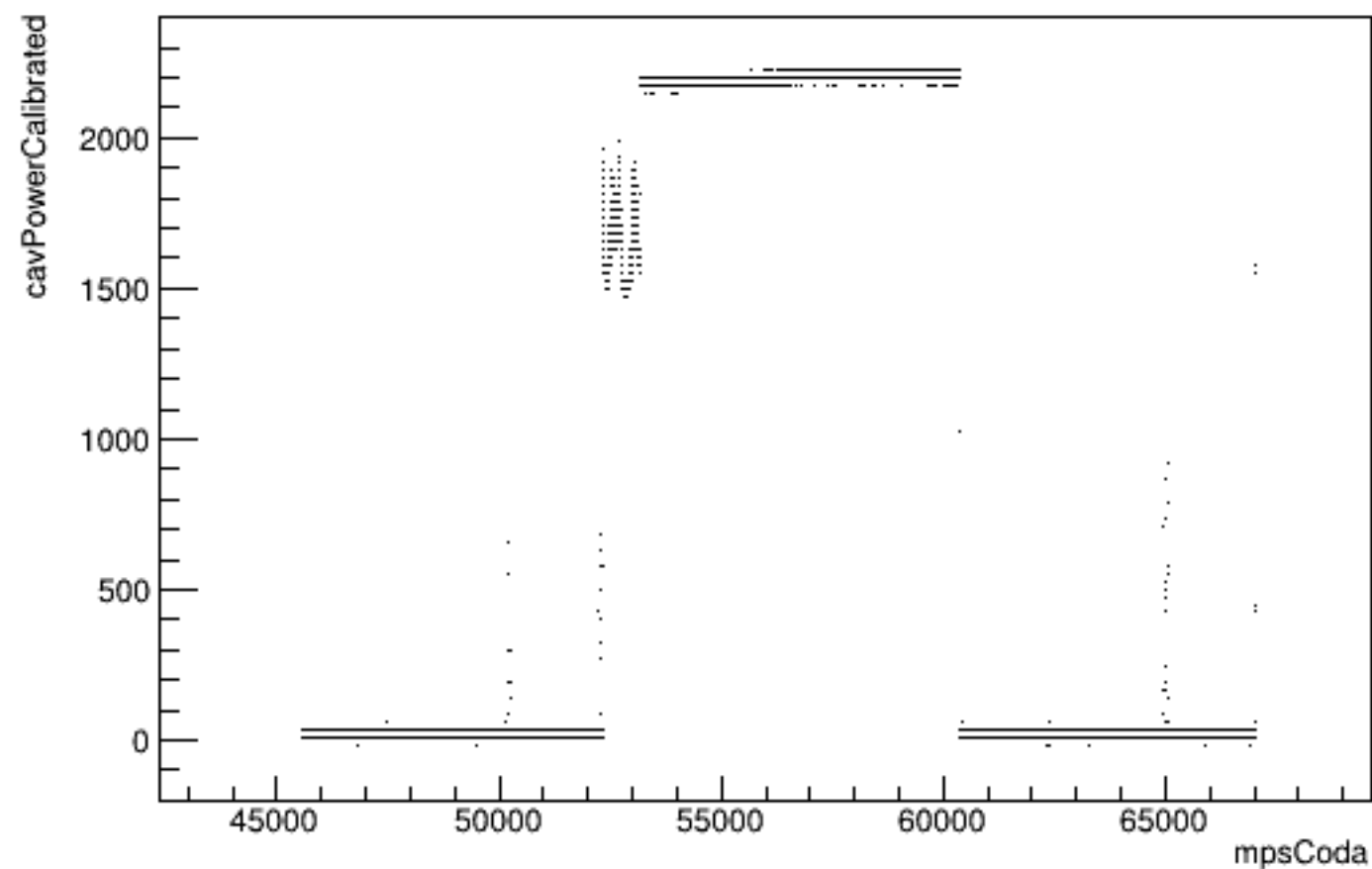
laserState:mpsCoda {mpsCoda>=45592 && mpsCoda<=67043}



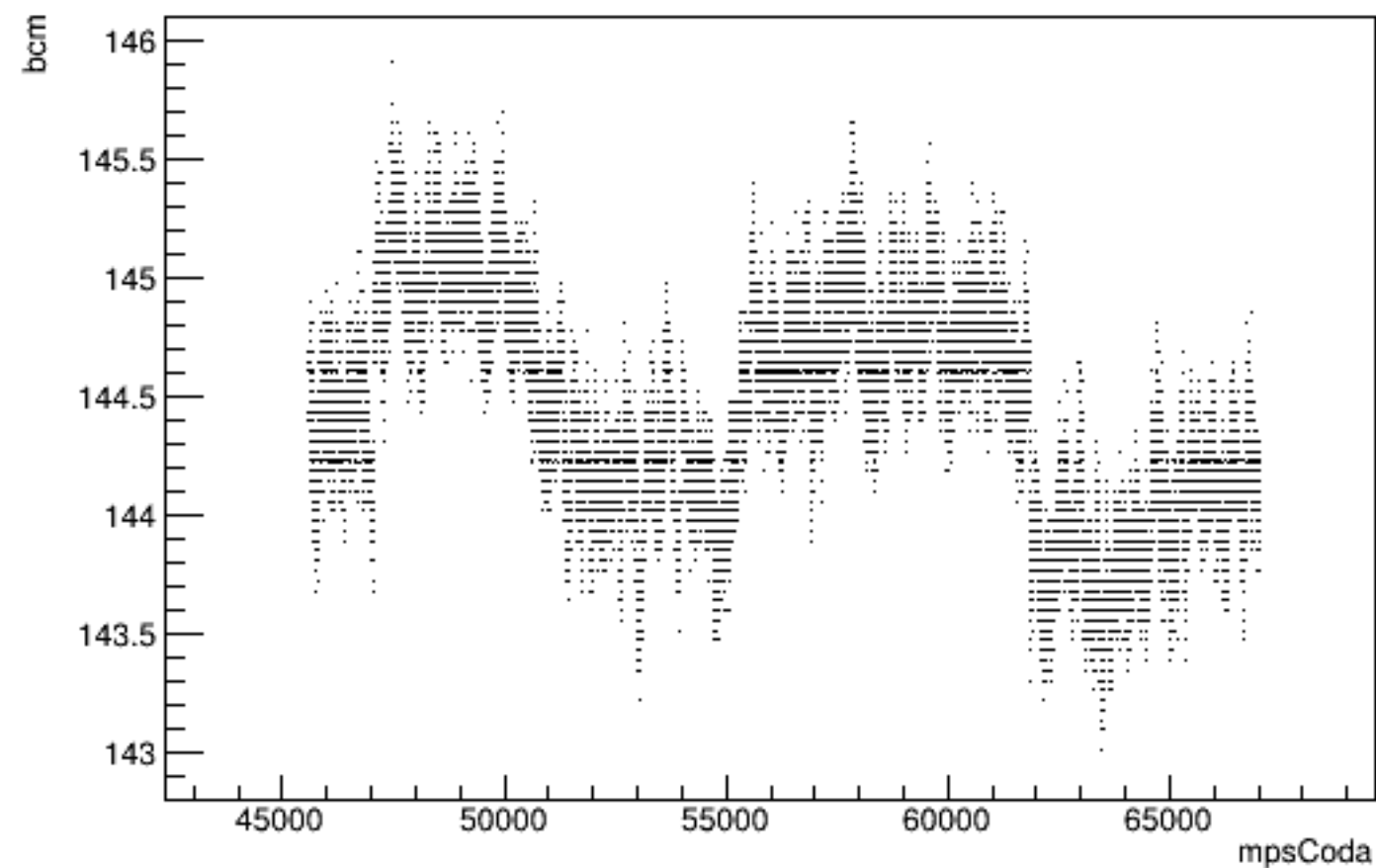
beamState + 1:mpsCoda {mpsCoda>=45592 && mpsCoda<=67043}



cavPowerCalibrated:mpsCoda {mpsCoda>=45592 && mpsCoda<=67043}



bcm:mpsCoda {mpsCoda>=45592 && mpsCoda<=67043}



Cycle 2, Diffs

Entries: 1646

Mean: 0.0020 +/- 0.0102

Std Dev: 0.4140 +/- 0.0072

Entries: 1977

Mean: -0.5448 +/- 0.0425

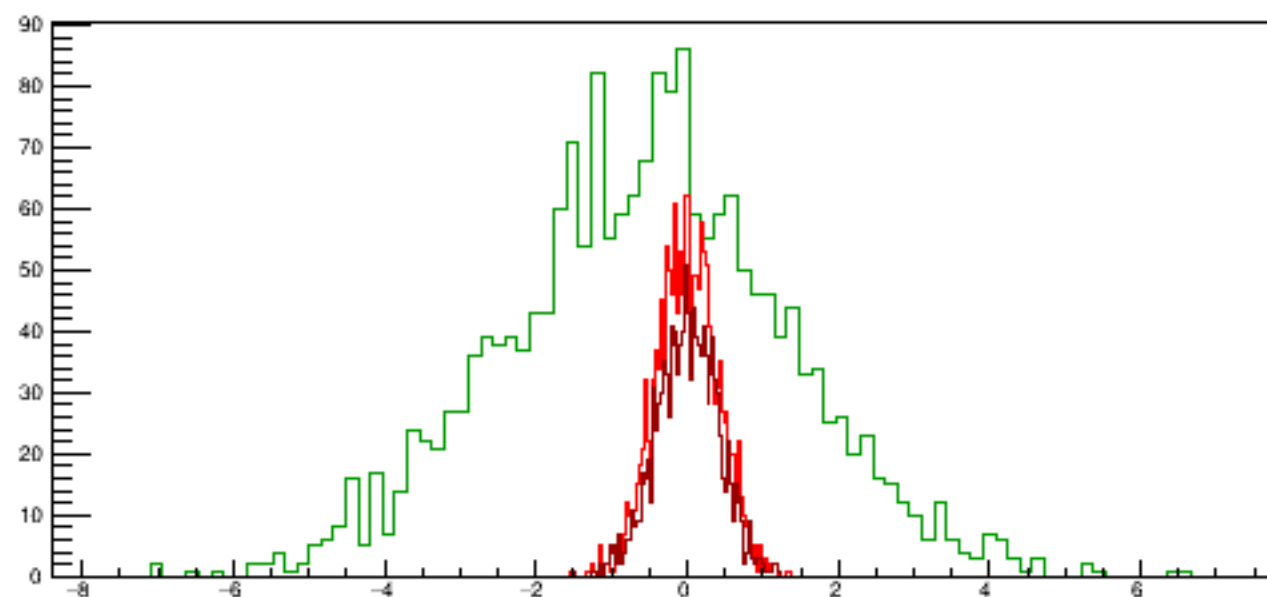
Std Dev: 1.8908 +/- 0.0301

Entries: 1310

Mean: 0.0025 +/- 0.0114

Std Dev: 0.4114 +/- 0.0080

Run 5888 quartetwise, Diffs



Cycle 2, Sums

Entries: 1646

Mean: 6.8105 +/- 0.0105

Std Dev: 0.4263 +/- 0.0074

Entries: 1977

Mean: 24.6133 +/- 0.0637

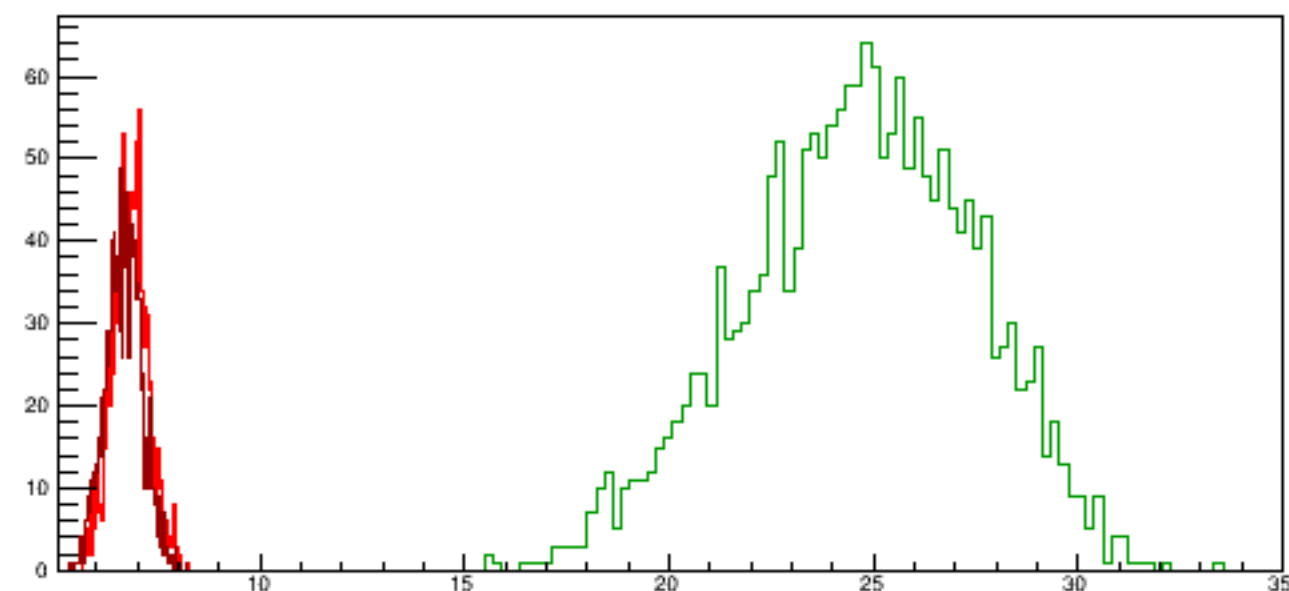
Std Dev: 2.8334 +/- 0.0451

Entries: 1310

Mean: 6.6553 +/- 0.0122

Std Dev: 0.4431 +/- 0.0087

Run 5888 quartetwise, Sums



Cycle 2, Asyms

Entries: 1646

Mean: 0.0001 +/- 0.0006

Std Dev: 0.0232 +/- 0.0004

Entries: 1977

Mean: -0.0303 +/- 0.0025

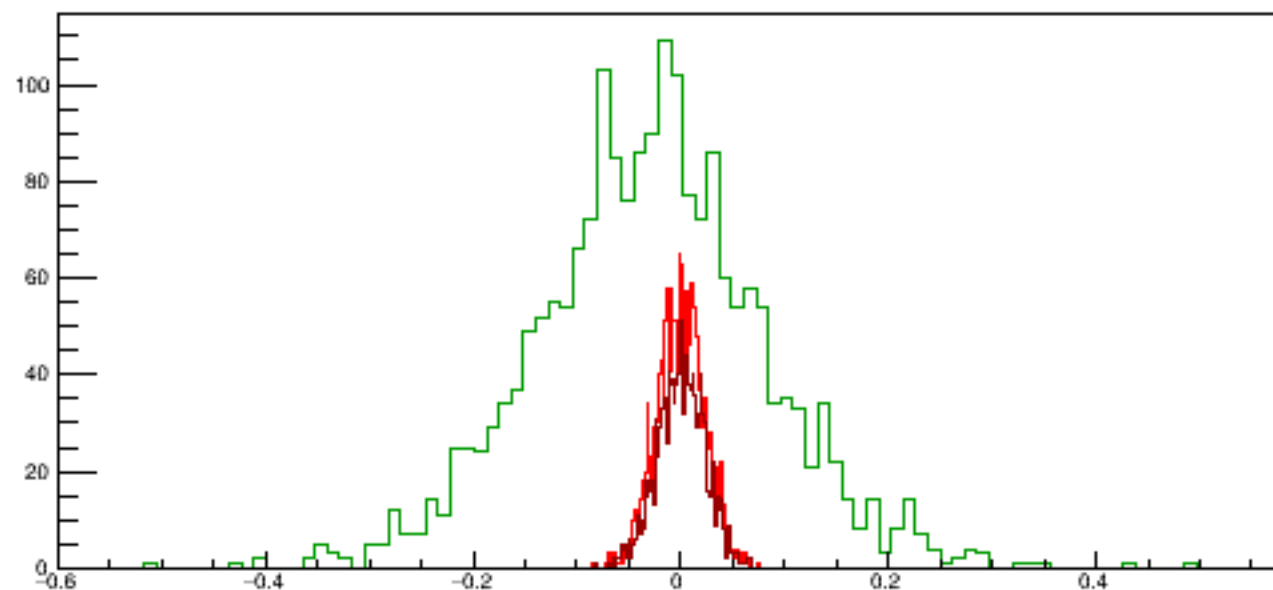
Std Dev: 0.1109 +/- 0.0018

Entries: 1310

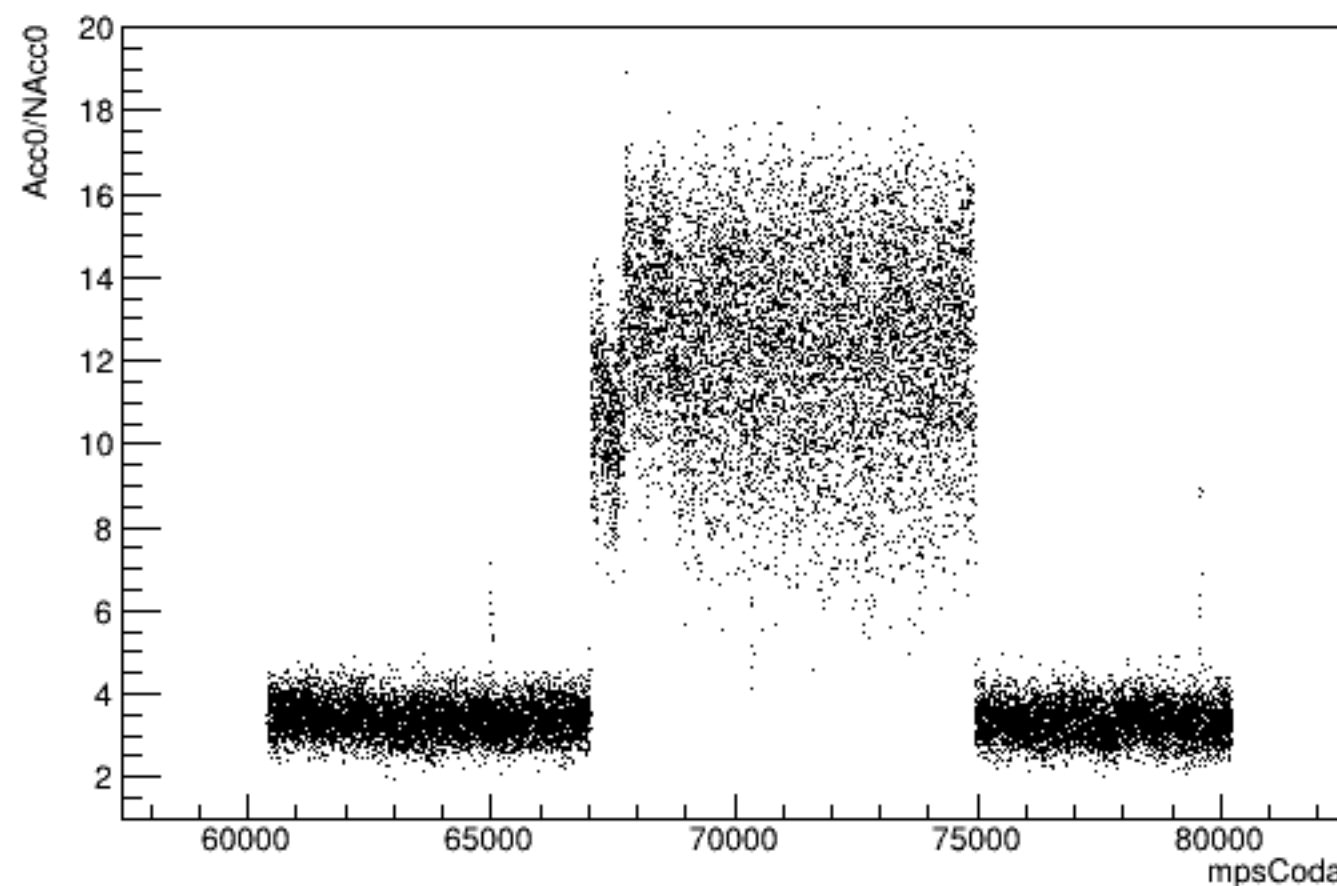
Mean: 0.0001 +/- 0.0006

Std Dev: 0.0230 +/- 0.0004

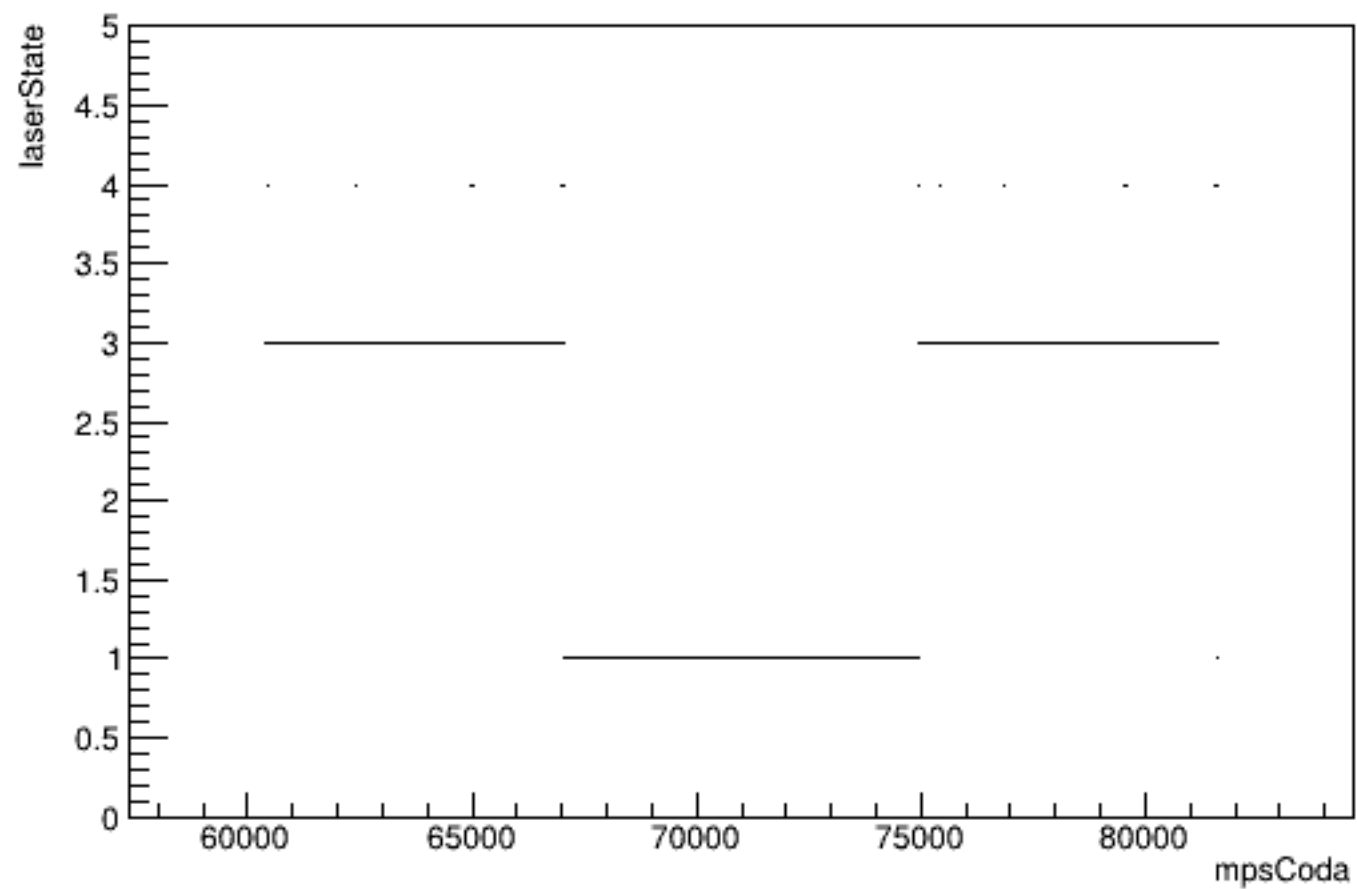
Run 5888 quartetwise, Asyms



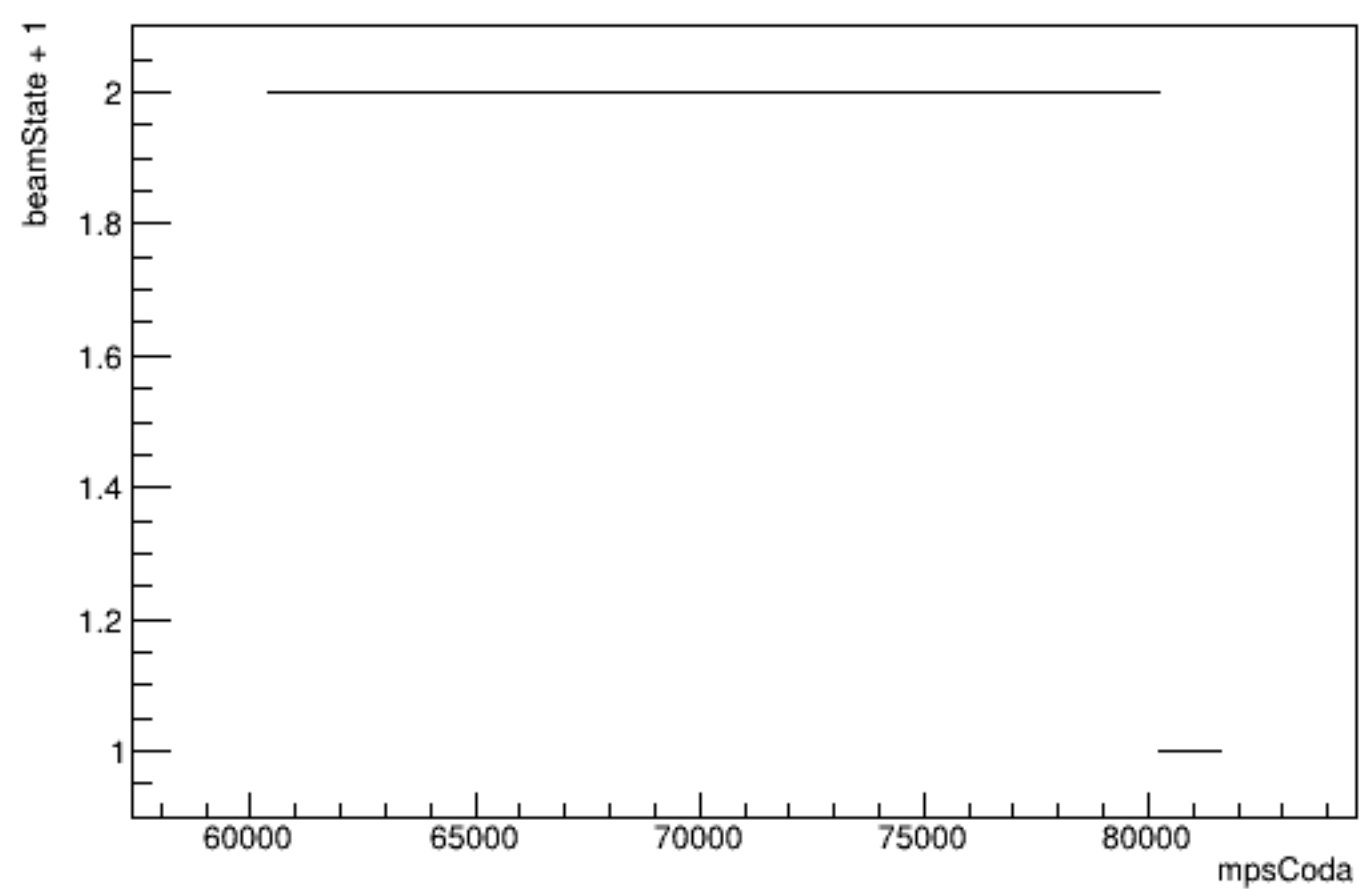
Acc0/NAcc0:mpsCoda {mpsCoda>=60396 && mpsCoda<=81599 && beamState==1}



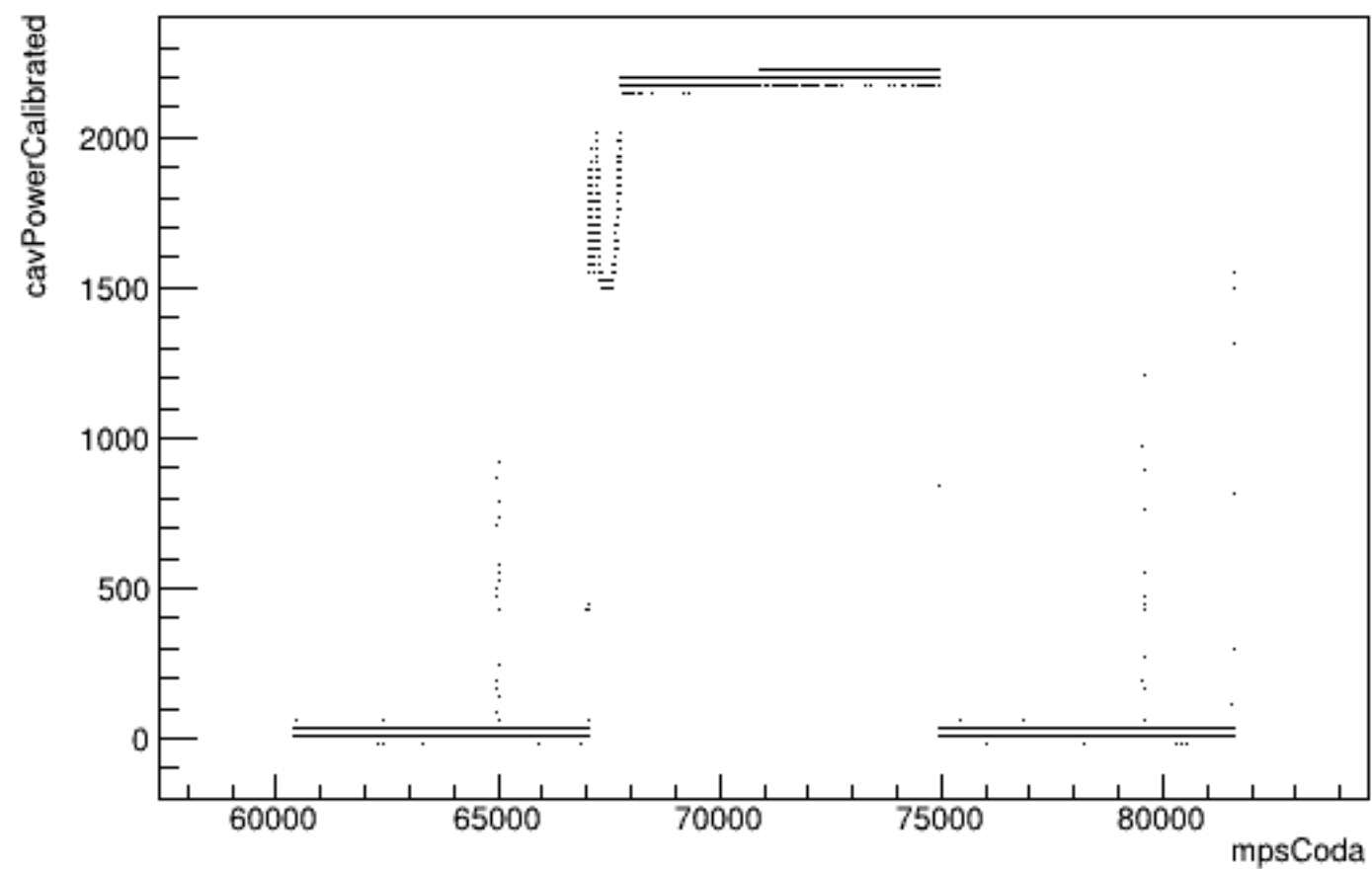
laserState:mpsCoda {mpsCoda>=60396 && mpsCoda<=81599}



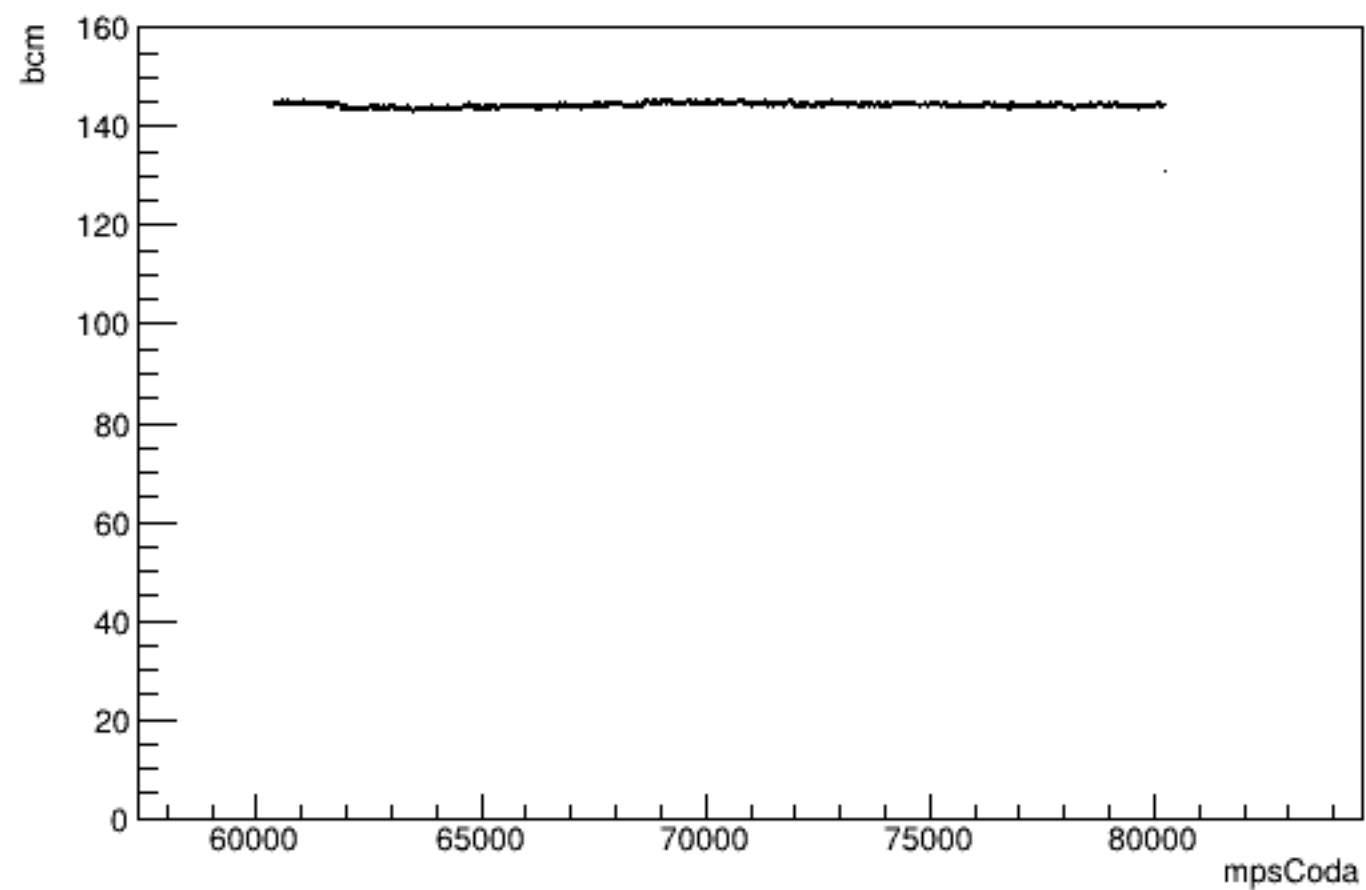
beamState + 1:mpsCoda {mpsCoda>=60396 && mpsCoda<=81599}



cavPowerCalibrated:mpsCoda {mpsCoda>=60396 && mpsCoda<=81599}



bcm:mpsCoda {mpsCoda>=60396 && mpsCoda<=81599}



Cycle 3, Diffs

Entries: 1310

Mean: 0.0025 +/- 0.0114

Std Dev: 0.4114 +/- 0.0080

Entries: 1302

Mean: -0.6209 +/- 0.0409

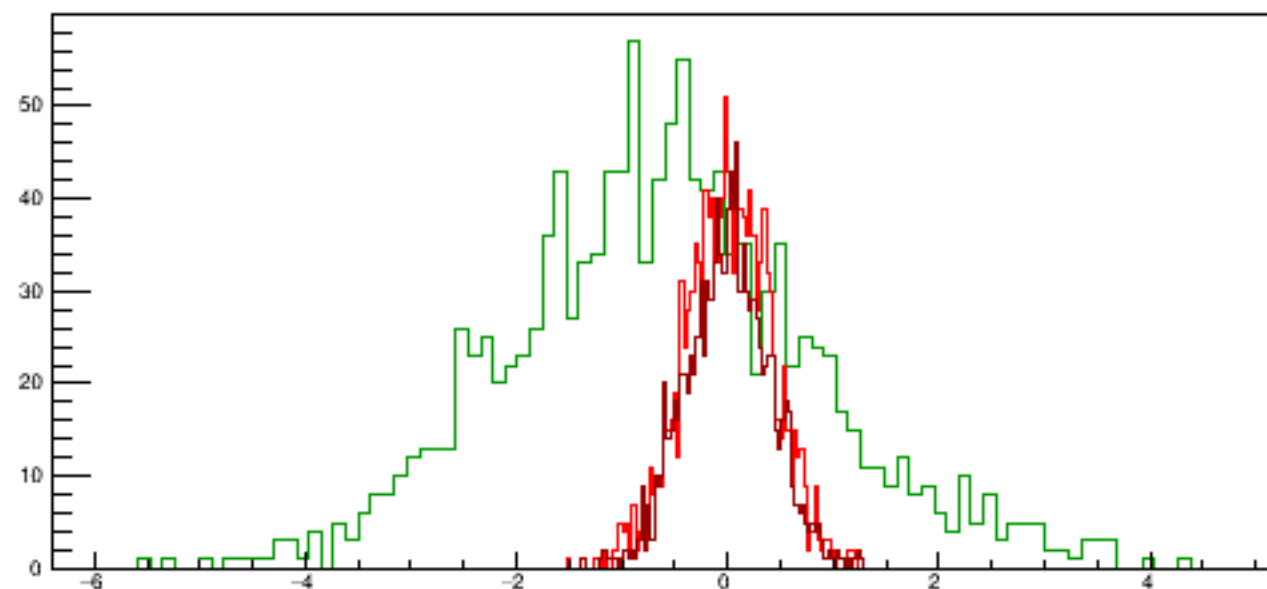
Std Dev: 1.4776 +/- 0.0290

Entries: 1140

Mean: -0.0006 +/- 0.0118

Std Dev: 0.3999 +/- 0.0084

Run 5888 quartetwise, Diffs



Cycle 3, Sums

Entries: 1310

Mean: 6.6553 +/- 0.0122

Std Dev: 0.4431 +/- 0.0087

Entries: 1302

Mean: 25.5269 +/- 0.0713

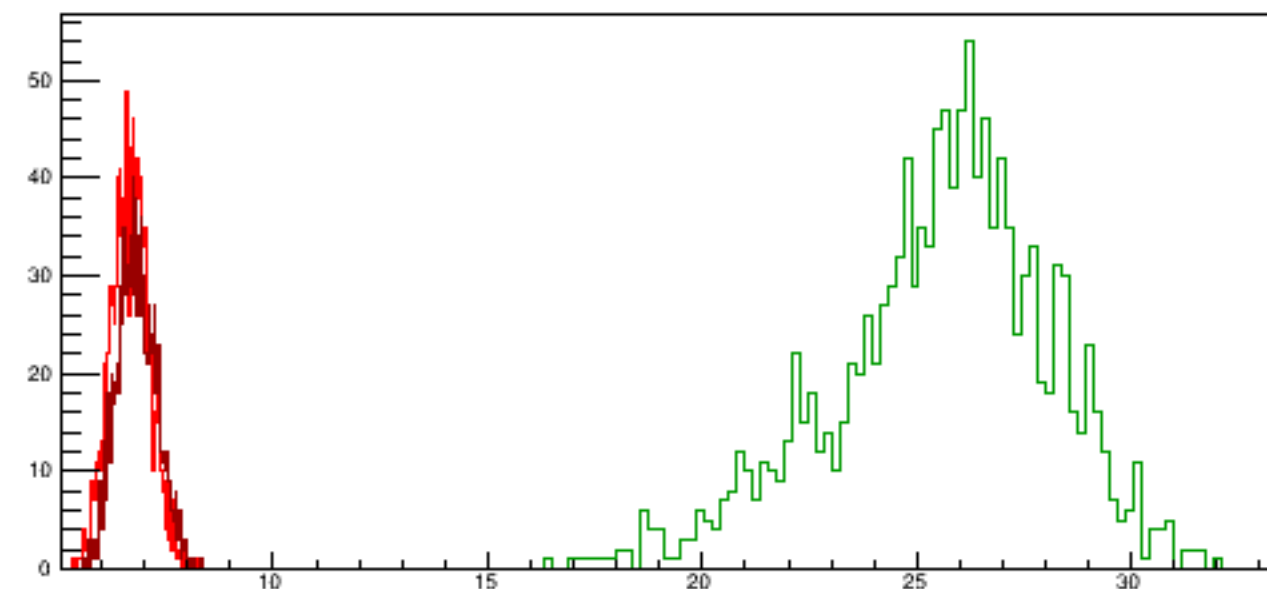
Std Dev: 2.5729 +/- 0.0504

Entries: 1140

Mean: 6.8200 +/- 0.0133

Std Dev: 0.4494 +/- 0.0094

Run 5888 quartetwise, Sums



Cycle 3, Asyms

Entries: 1310

Mean: 0.0001 +/- 0.0006

Std Dev: 0.0219 +/- 0.0004

Entries: 1302

Mean: -0.0326 +/- 0.0022

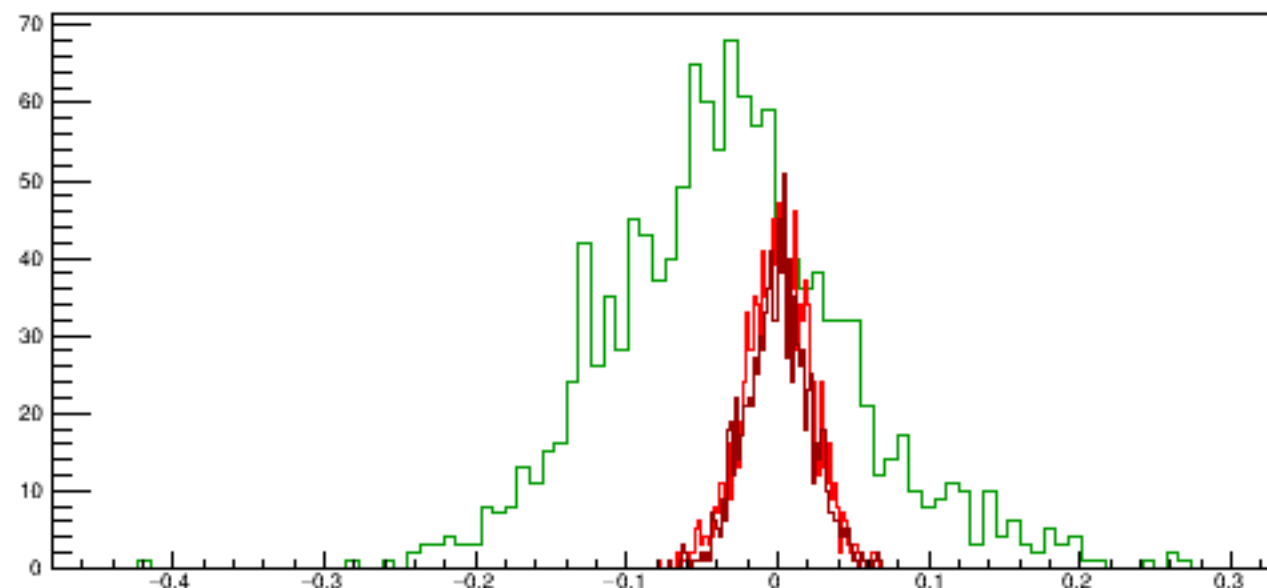
Std Dev: 0.0810 +/- 0.0016

Entries: 1140

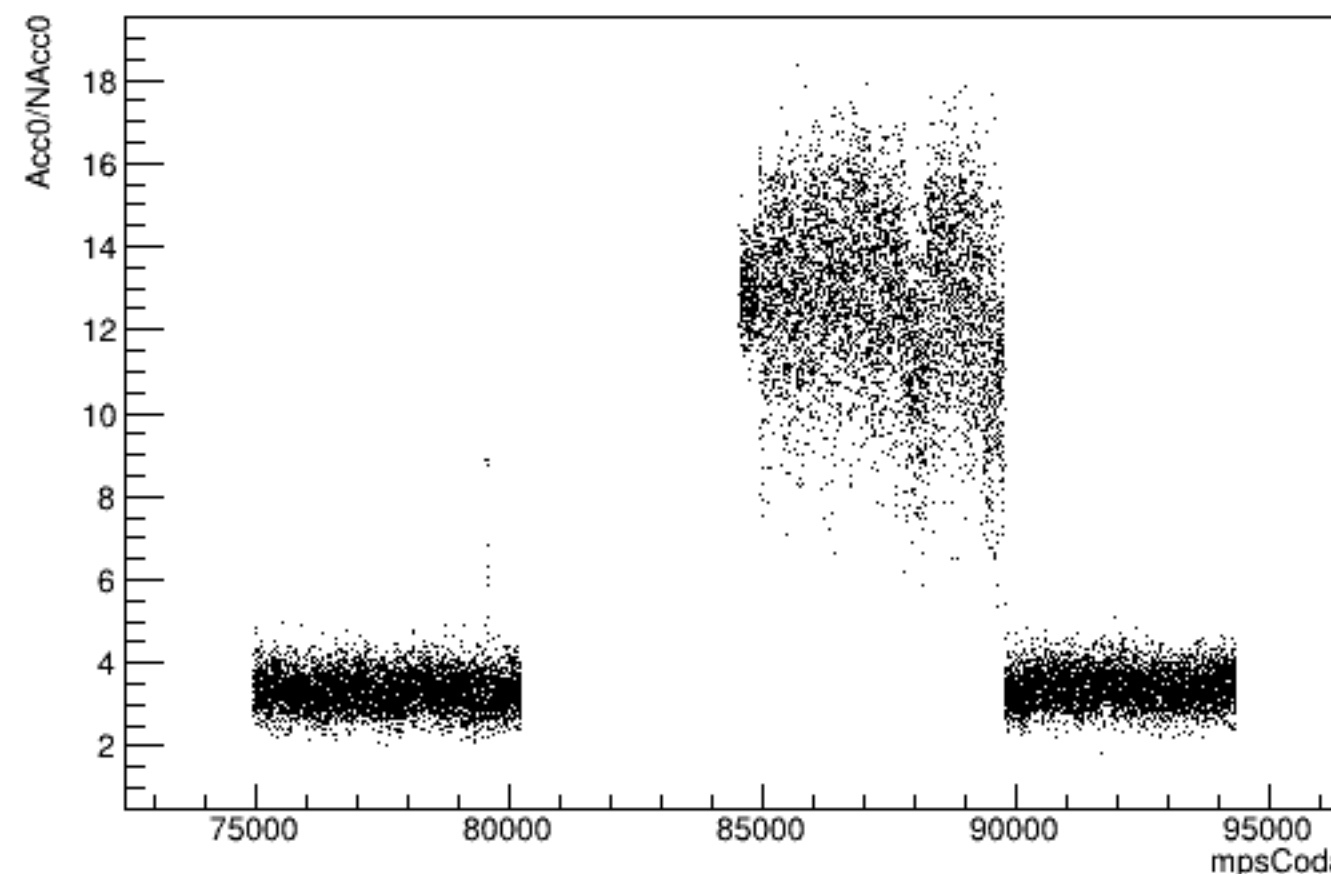
Mean: -0.0000 +/- 0.0006

Std Dev: 0.0213 +/- 0.0004

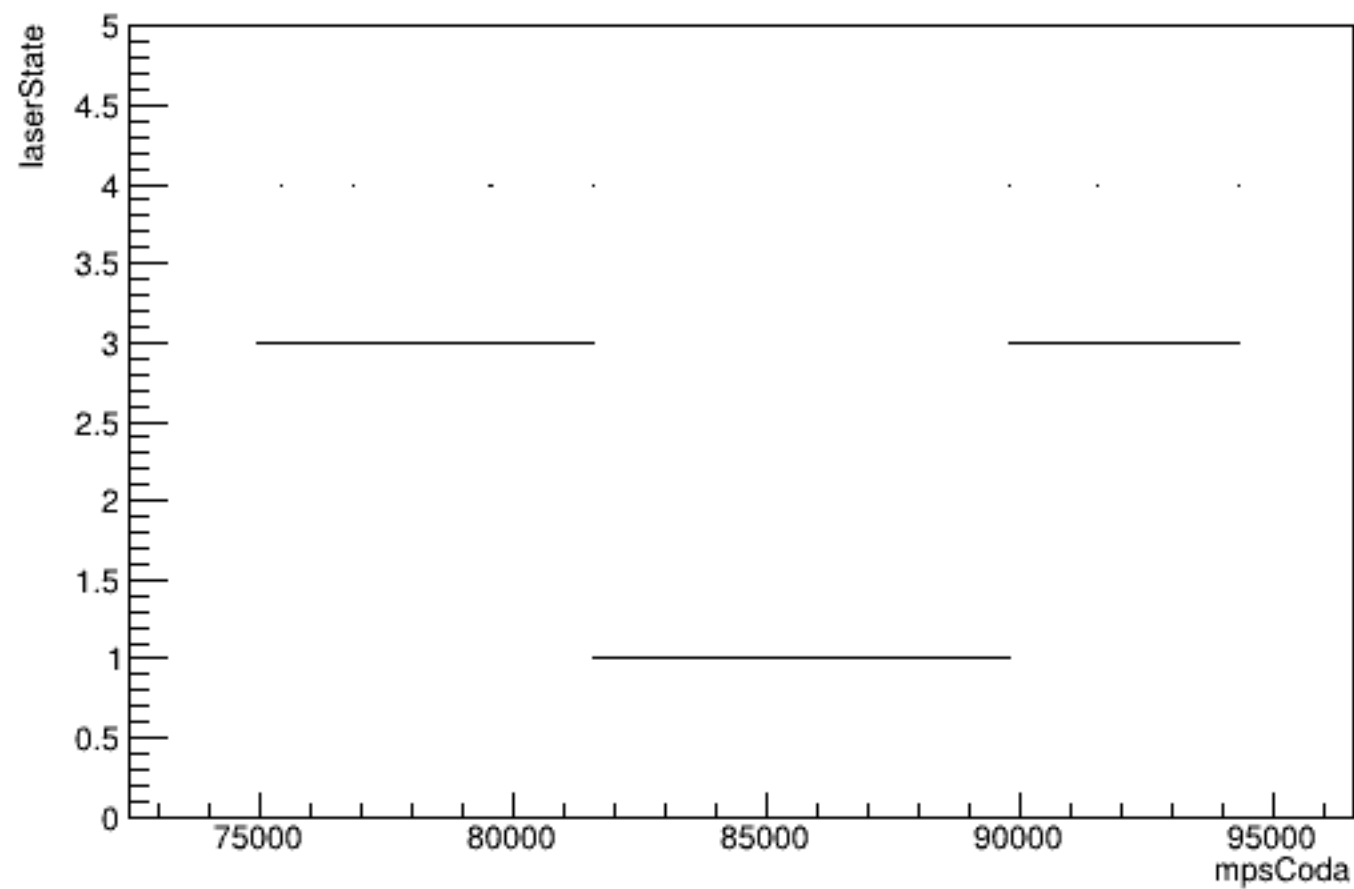
Run 5888 quartetwise, Asyms



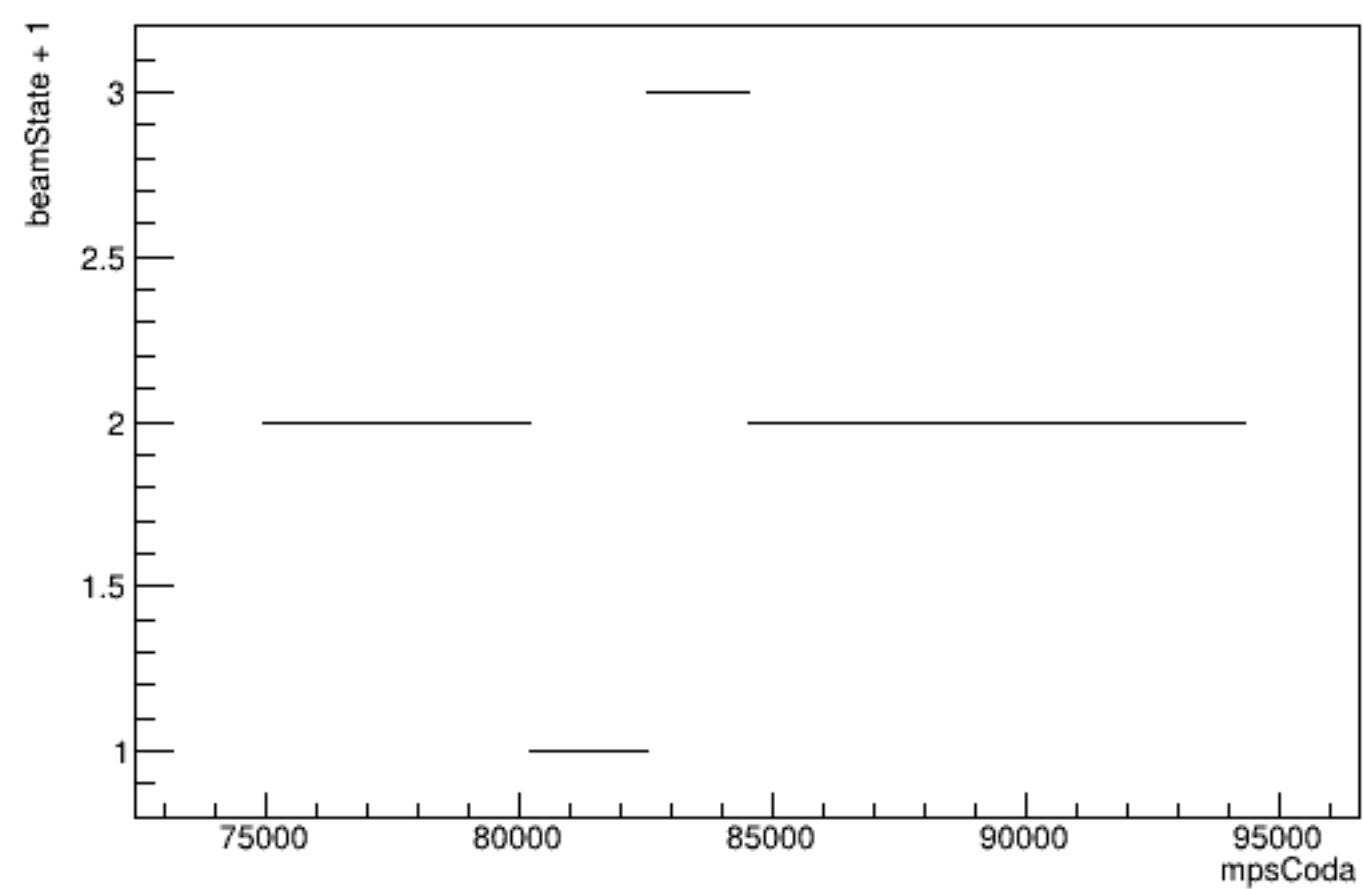
Acc0/NAcc0:mpsCoda {mpsCoda>=74956 && mpsCoda<=94331 && beamState==1}



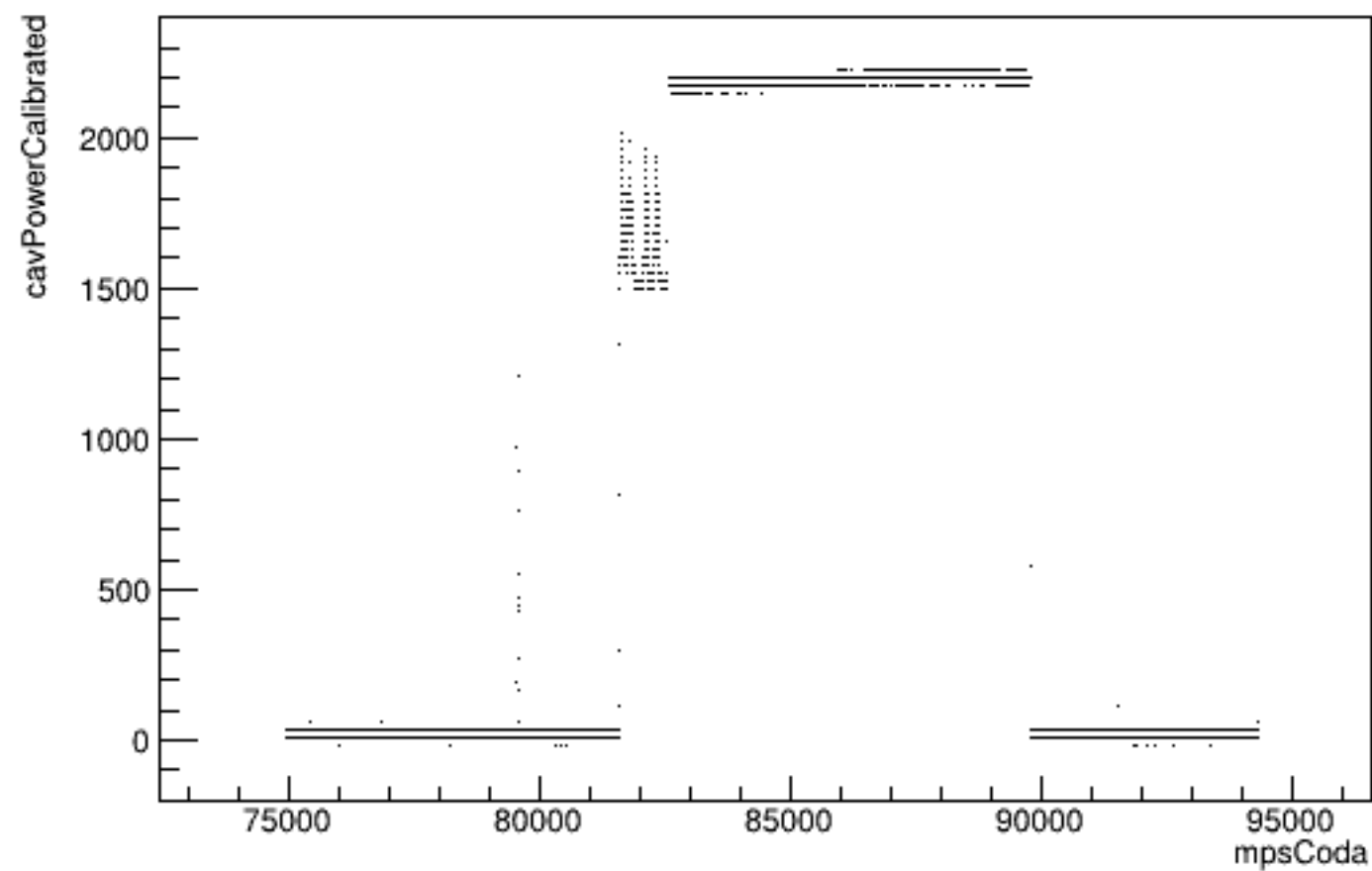
laserState:mpsCoda {mpsCoda>=74956 && mpsCoda<=94331}



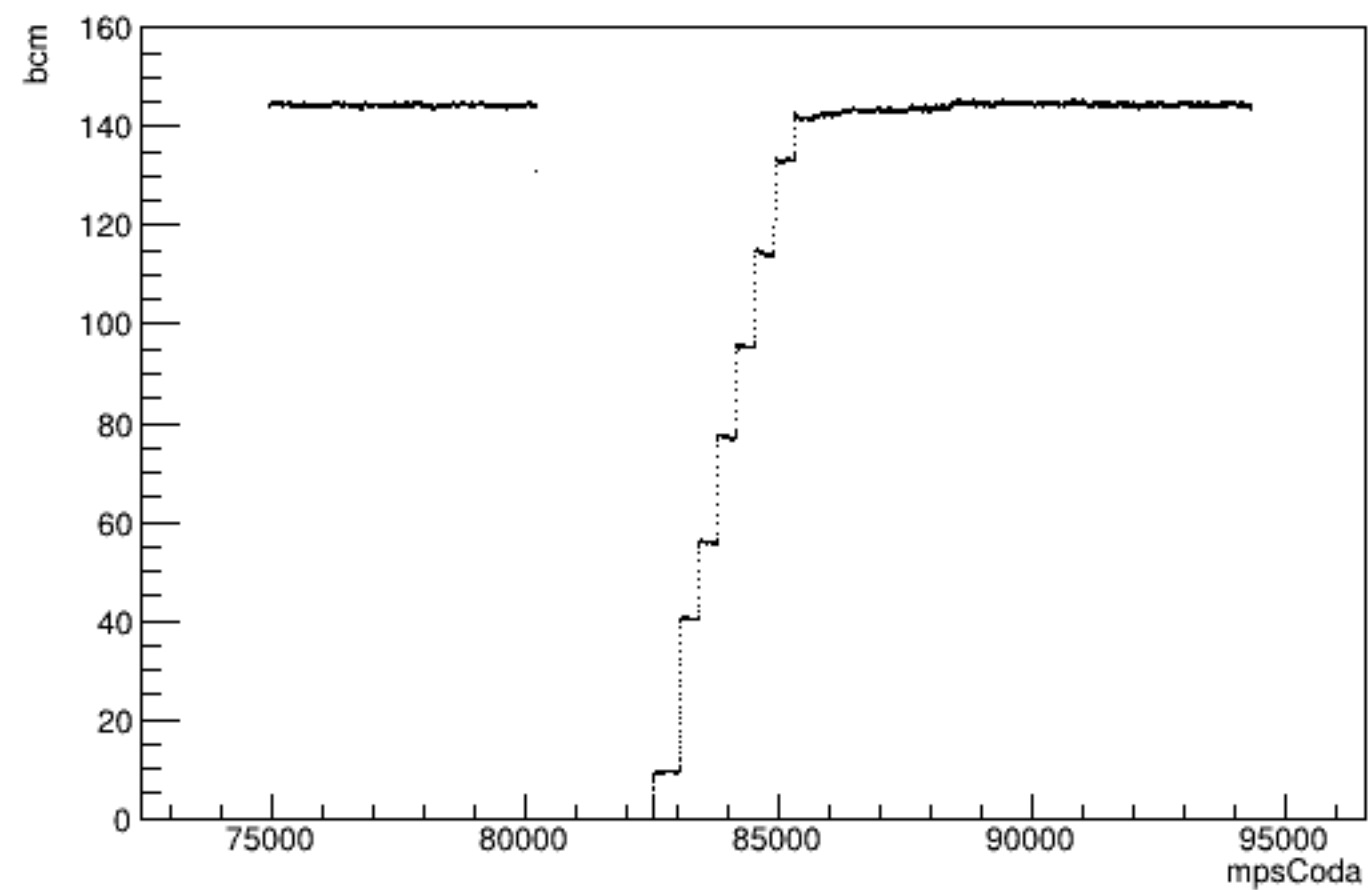
beamState + 1:mpsCoda {mpsCoda>=74956 && mpsCoda<=94331}



cavPowerCalibrated:mpsCoda {mpsCoda>=74956 && mpsCoda<=94331}



bcm:mpsCoda {mpsCoda>=74956 && mpsCoda<=94331}



Cycle 4, Diffs

Entries: 1140

Mean: -0.0006 +/- 0.0118

Std Dev: 0.3999 +/- 0.0084

Entries: 911

Mean: -0.6081 +/- 0.0474

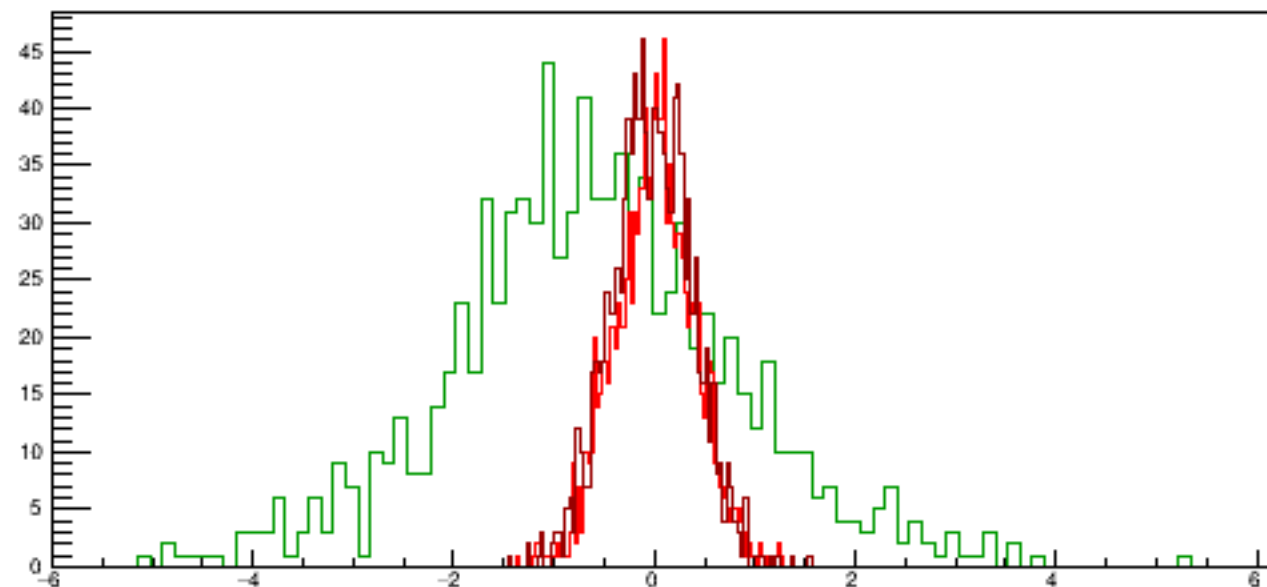
Std Dev: 1.4313 +/- 0.0335

Entries: 1139

Mean: -0.0232 +/- 0.0118

Std Dev: 0.3988 +/- 0.0084

Run 5888 quartetwise, Diffs



Cycle 4, Sums

Entries: 1140

Mean: 6.8200 +/- 0.0133

Std Dev: 0.4494 +/- 0.0094

Entries: 911

Mean: 24.4802 +/- 0.1102

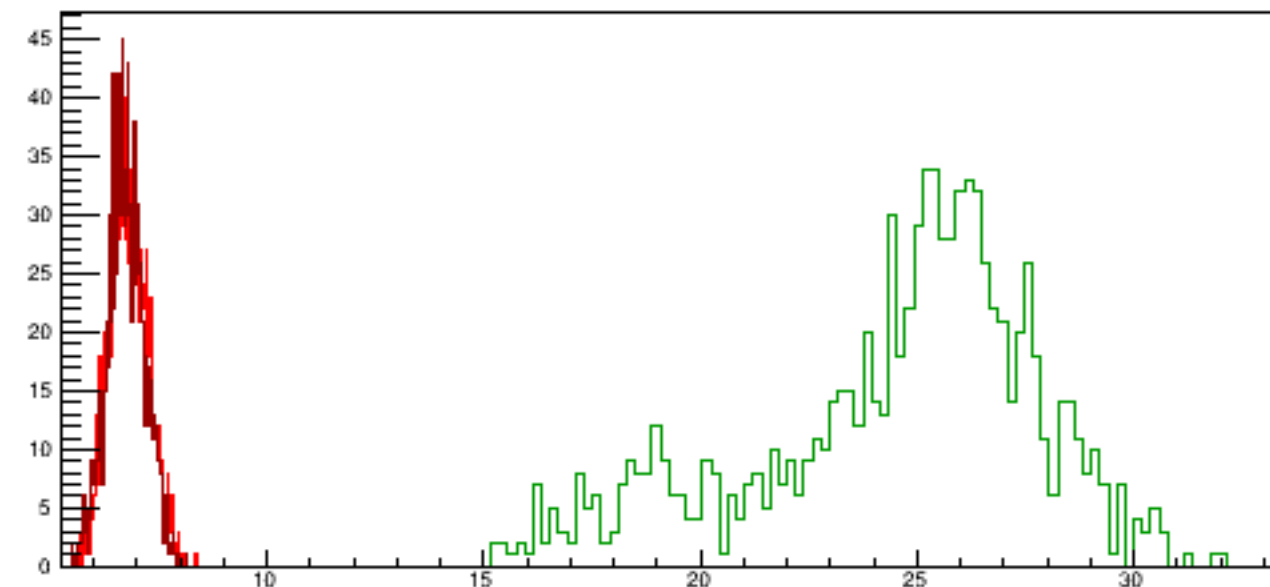
Std Dev: 3.3247 +/- 0.0779

Entries: 1139

Mean: 6.7542 +/- 0.0126

Std Dev: 0.4264 +/- 0.0089

Run 5888 quartetwise, Sums



Cycle 4, Asyms

Entries: 1140

Mean: -0.0000 +/- 0.0007

Std Dev: 0.0226 +/- 0.0005

Entries: 911

Mean: -0.0336 +/- 0.0028

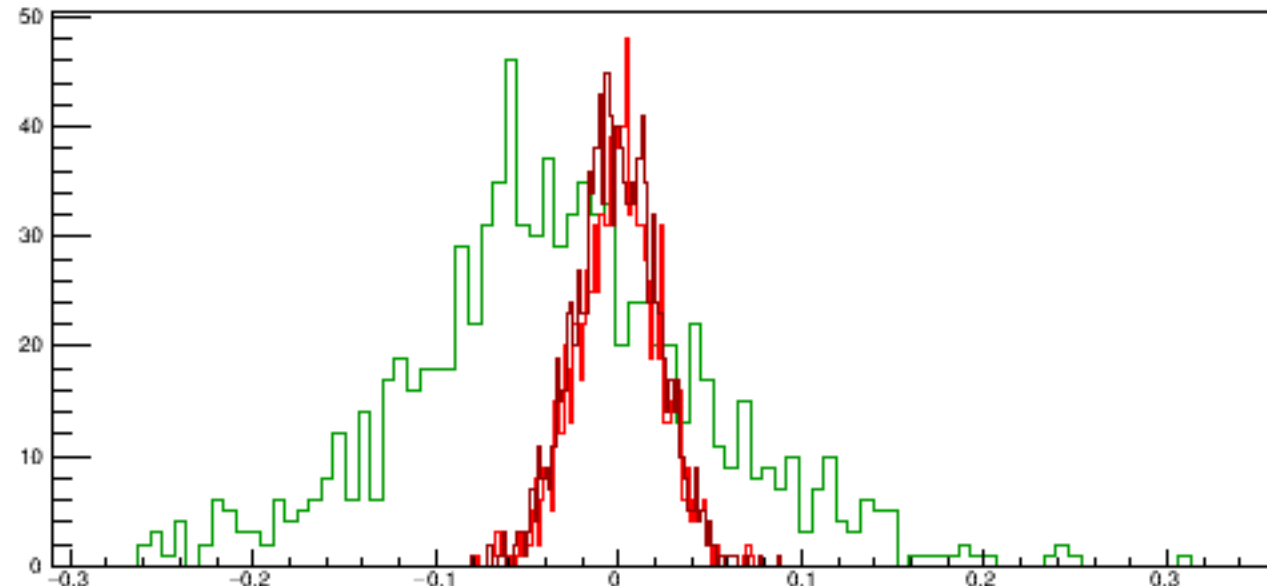
Std Dev: 0.0832 +/- 0.0020

Entries: 1139

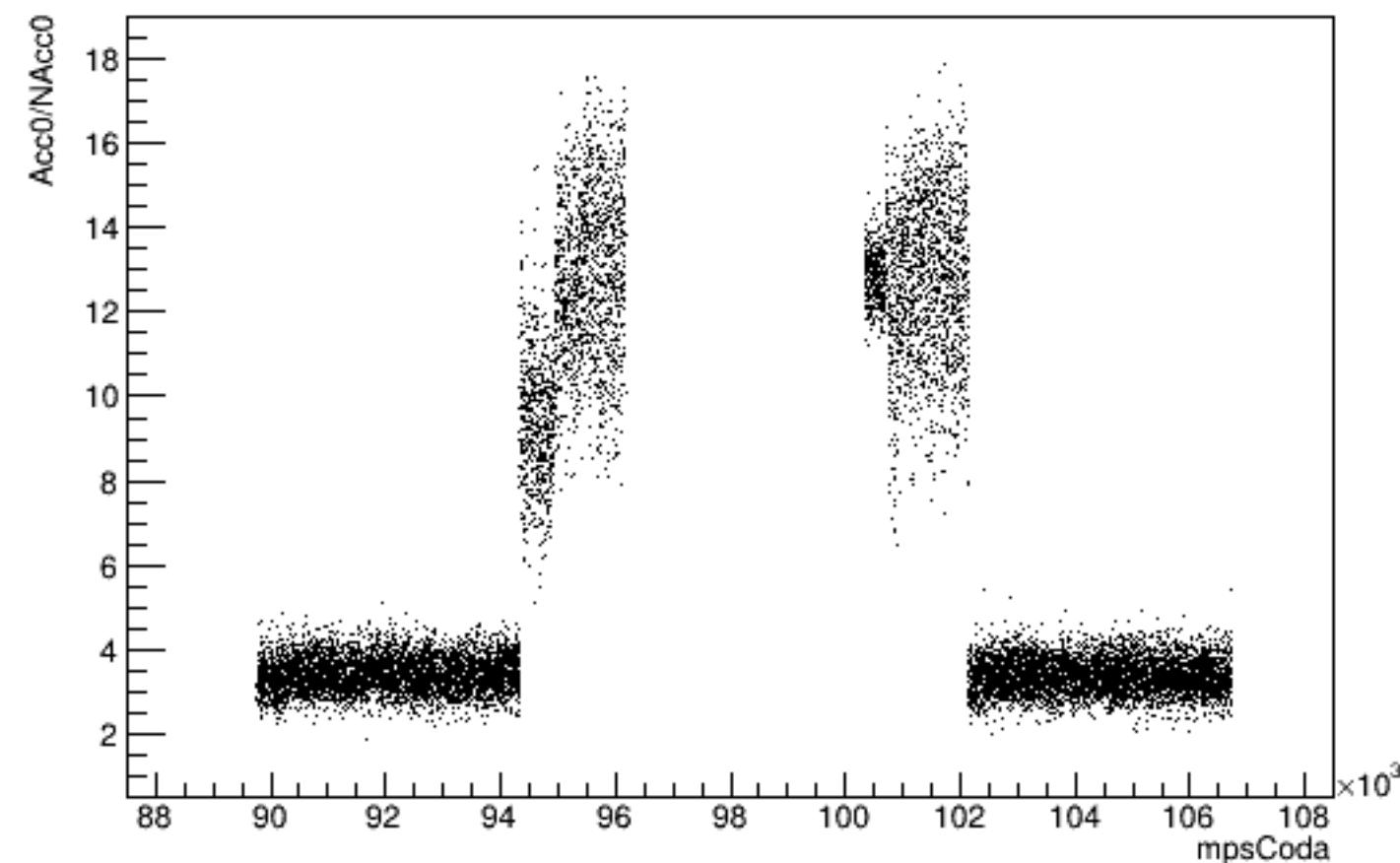
Mean: -0.0013 +/- 0.0007

Std Dev: 0.0225 +/- 0.0005

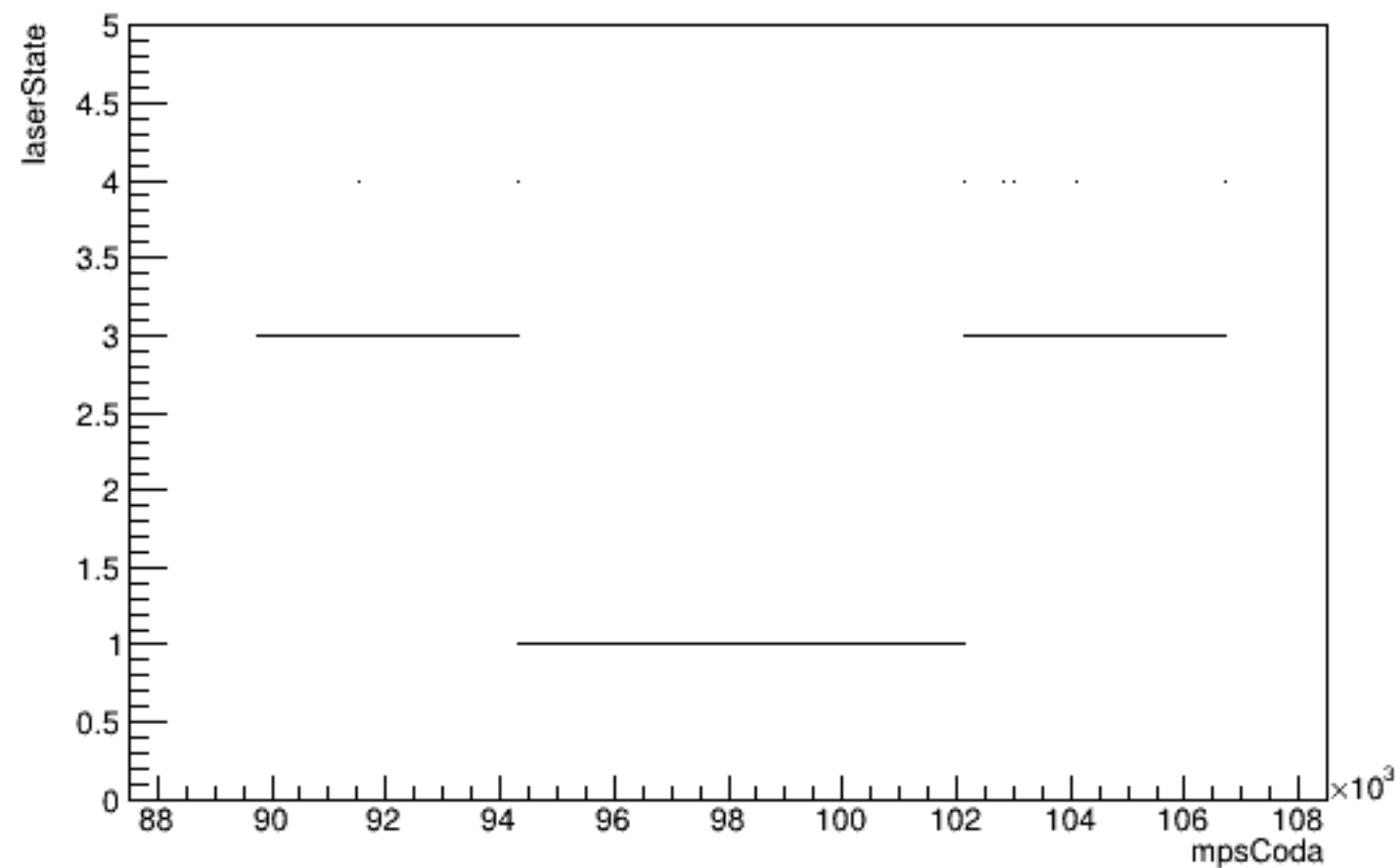
Run 5888 quartetwise, Asyms



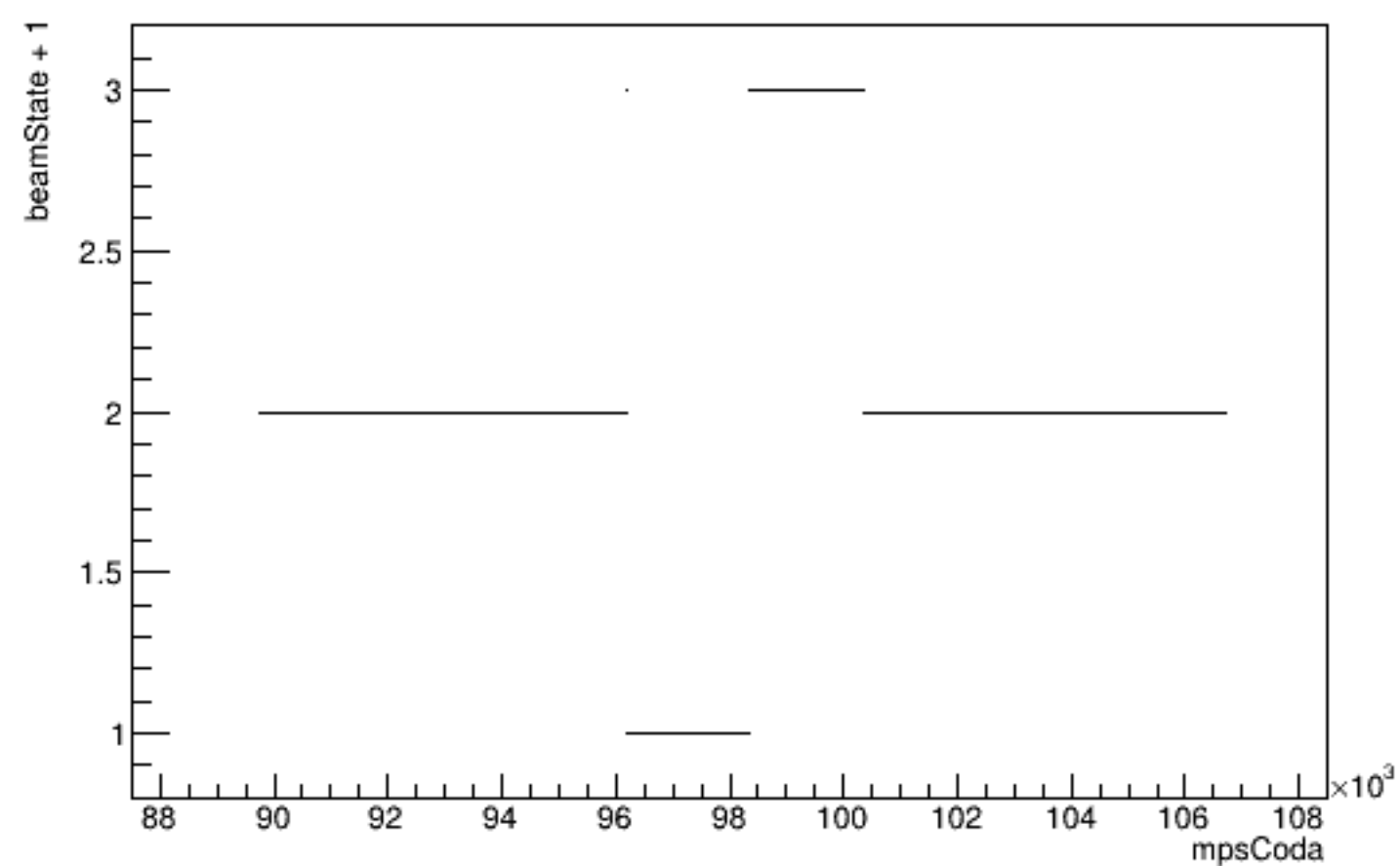
Acc0/NAcc0:mpsCoda {mpsCoda>=89764 && mpsCoda<=106715 && beamState==1}



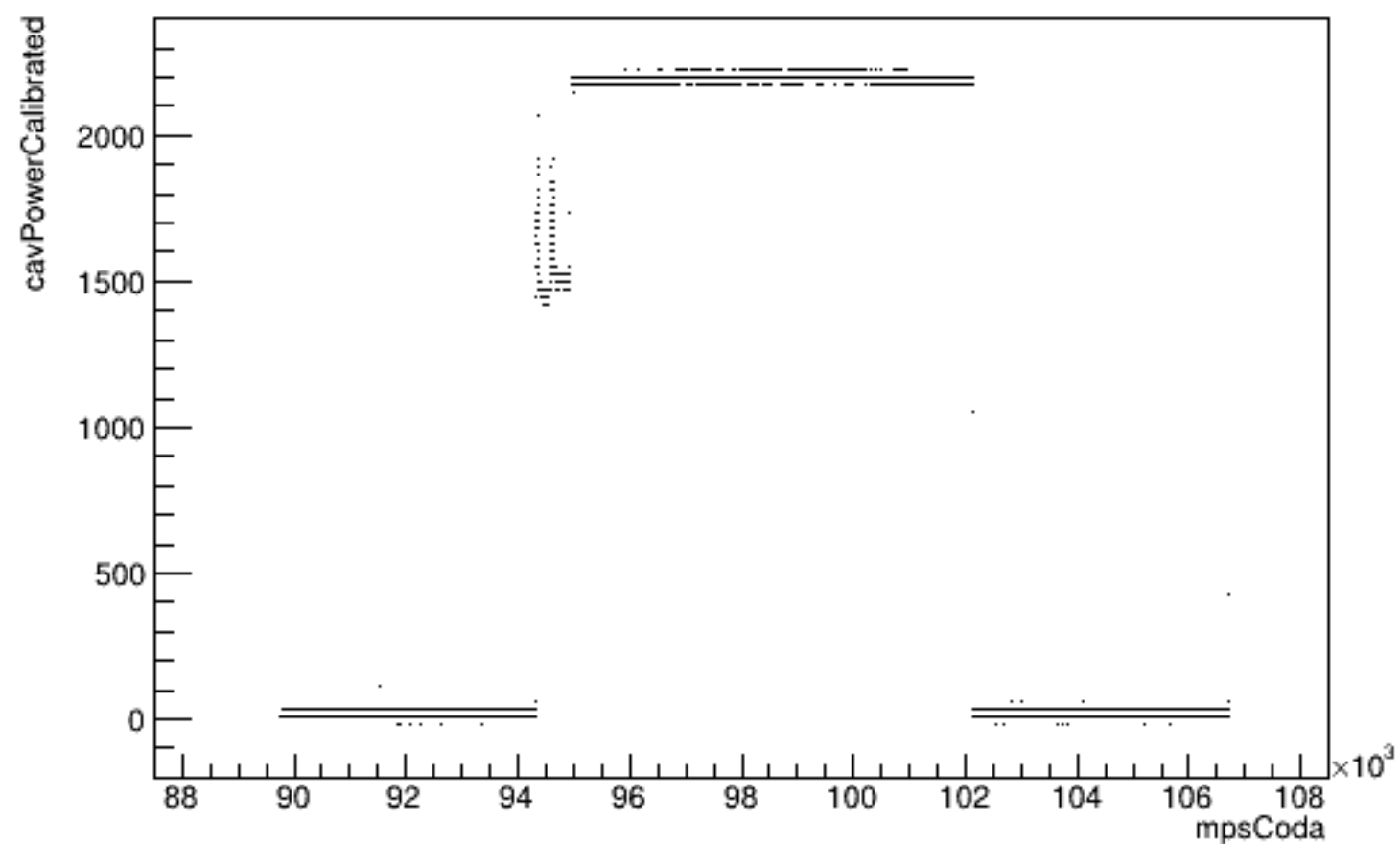
laserState:mpsCoda {mpsCoda>=89764 && mpsCoda<=106715}



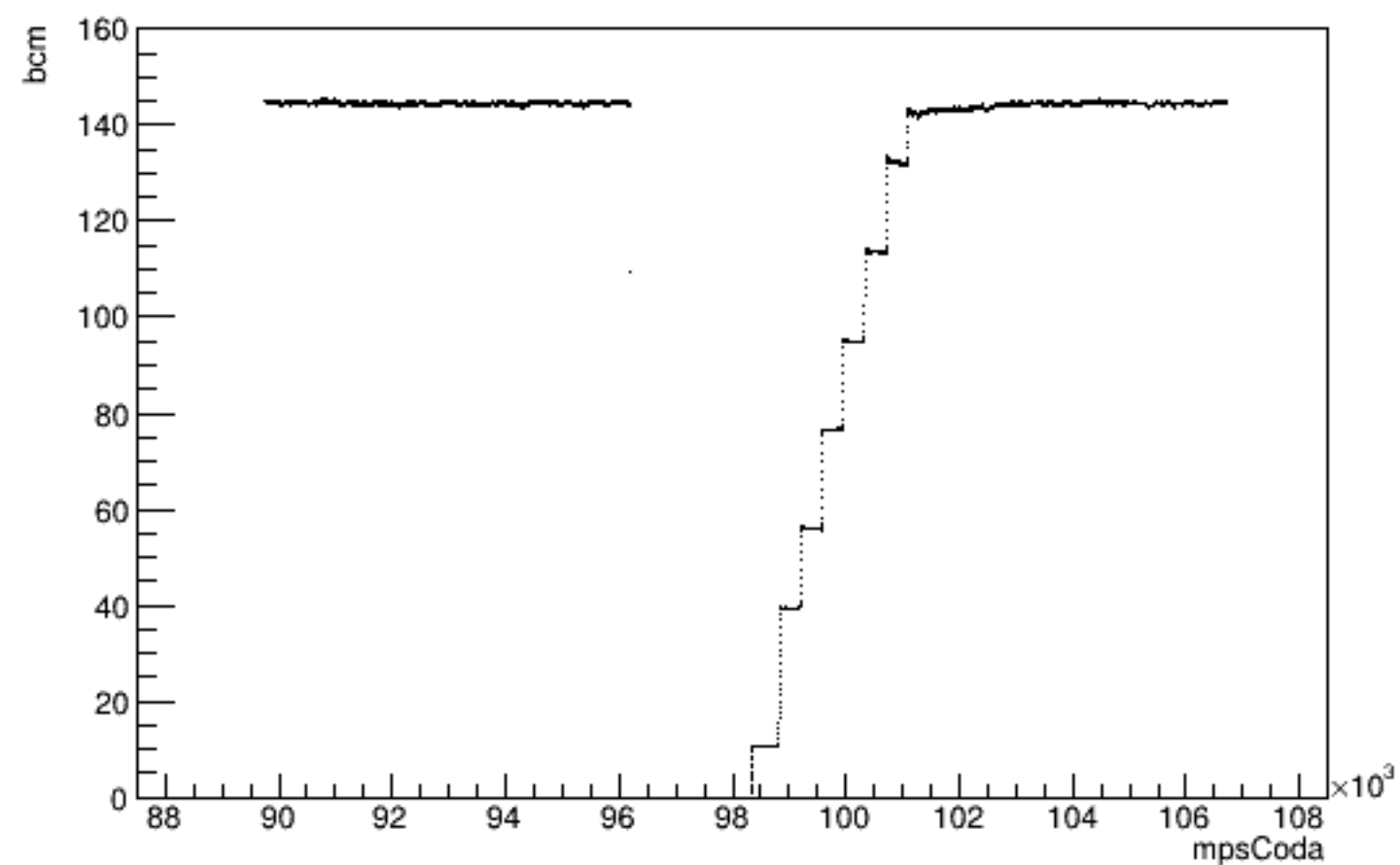
beamState + 1:mpsCoda {mpsCoda>=89764 && mpsCoda<=106715}



cavPowerCalibrated:mpsCoda {mpsCoda>=89764 && mpsCoda<=106715}



bcm:mpsCoda {mpsCoda>=89764 && mpsCoda<=106715}



Cycle 5, Diffs

Entries: 1132

Mean: -0.0173 +/- 0.0117

Std Dev: 0.3948 +/- 0.0083

Entries: 1955

Mean: -0.5444 +/- 0.0456

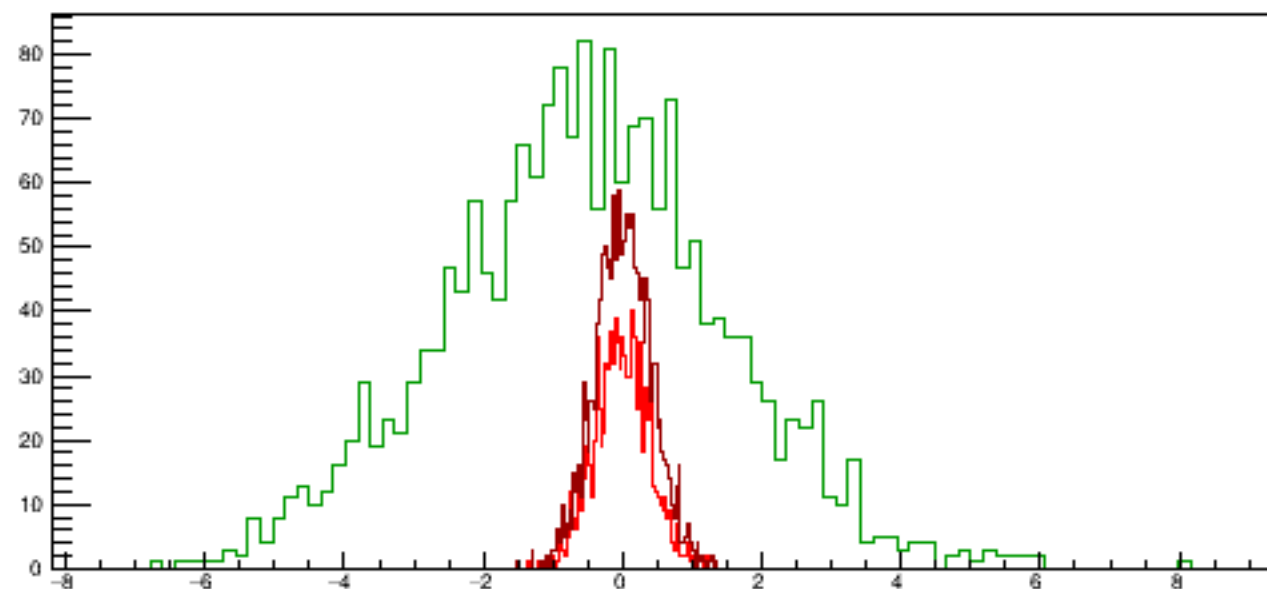
Std Dev: 2.0180 +/- 0.0323

Entries: 1653

Mean: 0.0143 +/- 0.0102

Std Dev: 0.4131 +/- 0.0072

Run 5888 quartetwise, Diffs



Cycle 5, Sums

Entries: 1132

Mean: 6.4842 +/- 0.0125

Std Dev: 0.4196 +/- 0.0088

Entries: 1955

Mean: 24.4375 +/- 0.0705

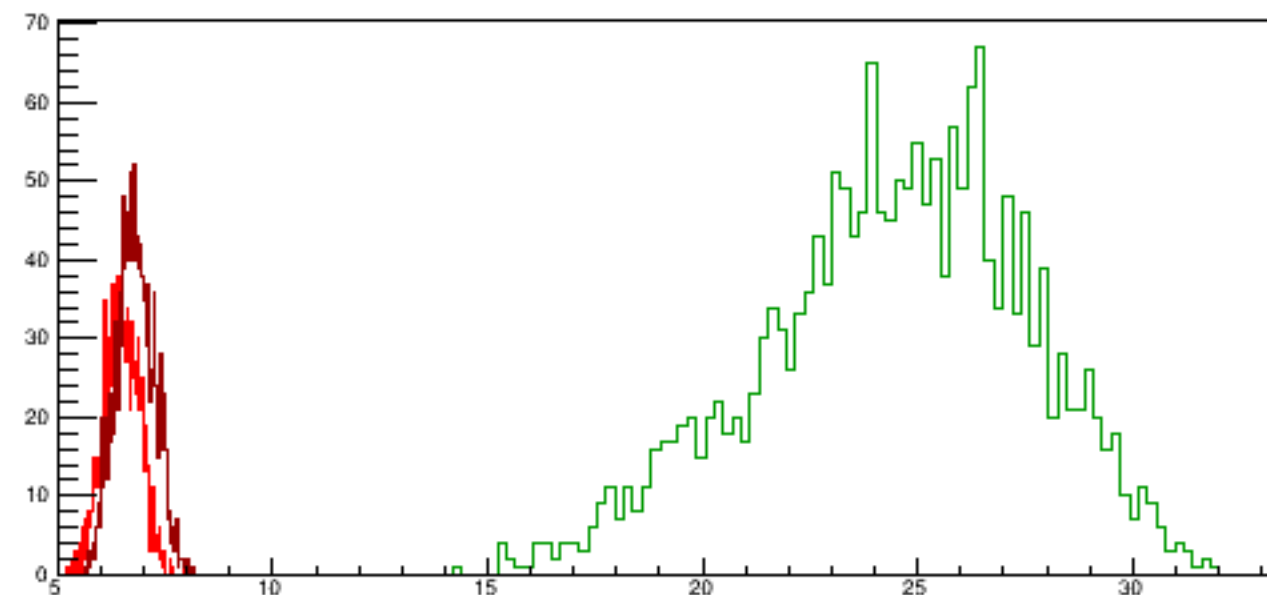
Std Dev: 3.1190 +/- 0.0499

Entries: 1653

Mean: 6.7855 +/- 0.0107

Std Dev: 0.4370 +/- 0.0076

Run 5888 quartetwise, Sums



Cycle 5, Asyms

Entries: 1132

Mean: -0.0010 +/- 0.0007

Std Dev: 0.0222 +/- 0.0005

Entries: 1955

Mean: -0.0302 +/- 0.0027

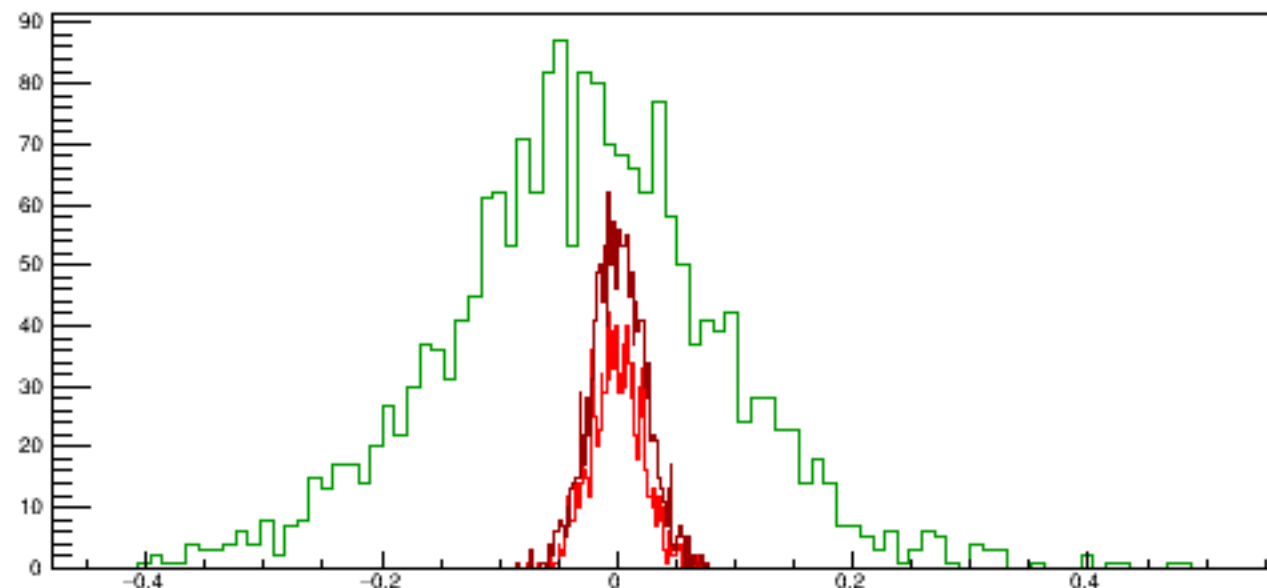
Std Dev: 0.1192 +/- 0.0019

Entries: 1653

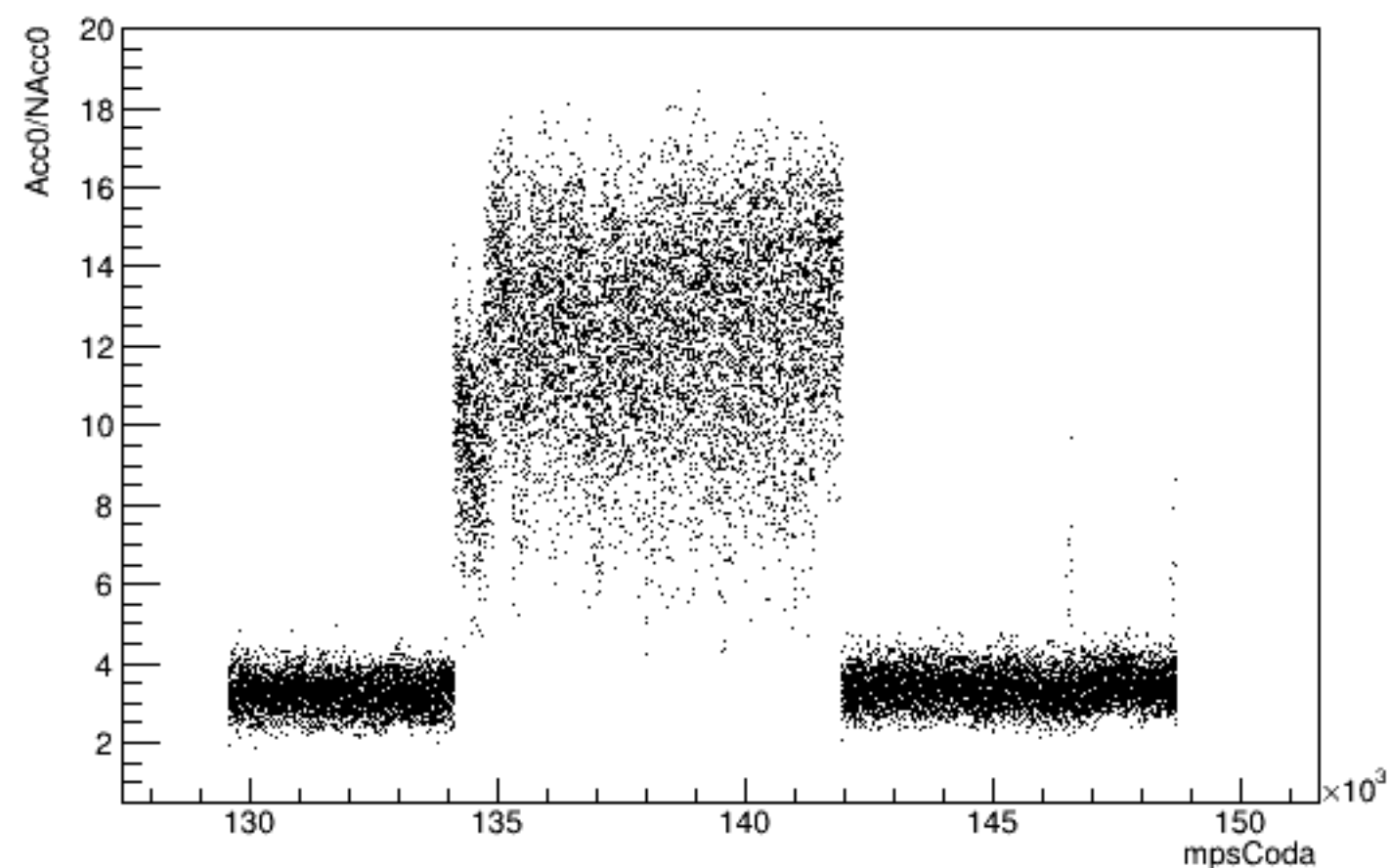
Mean: 0.0008 +/- 0.0006

Std Dev: 0.0232 +/- 0.0004

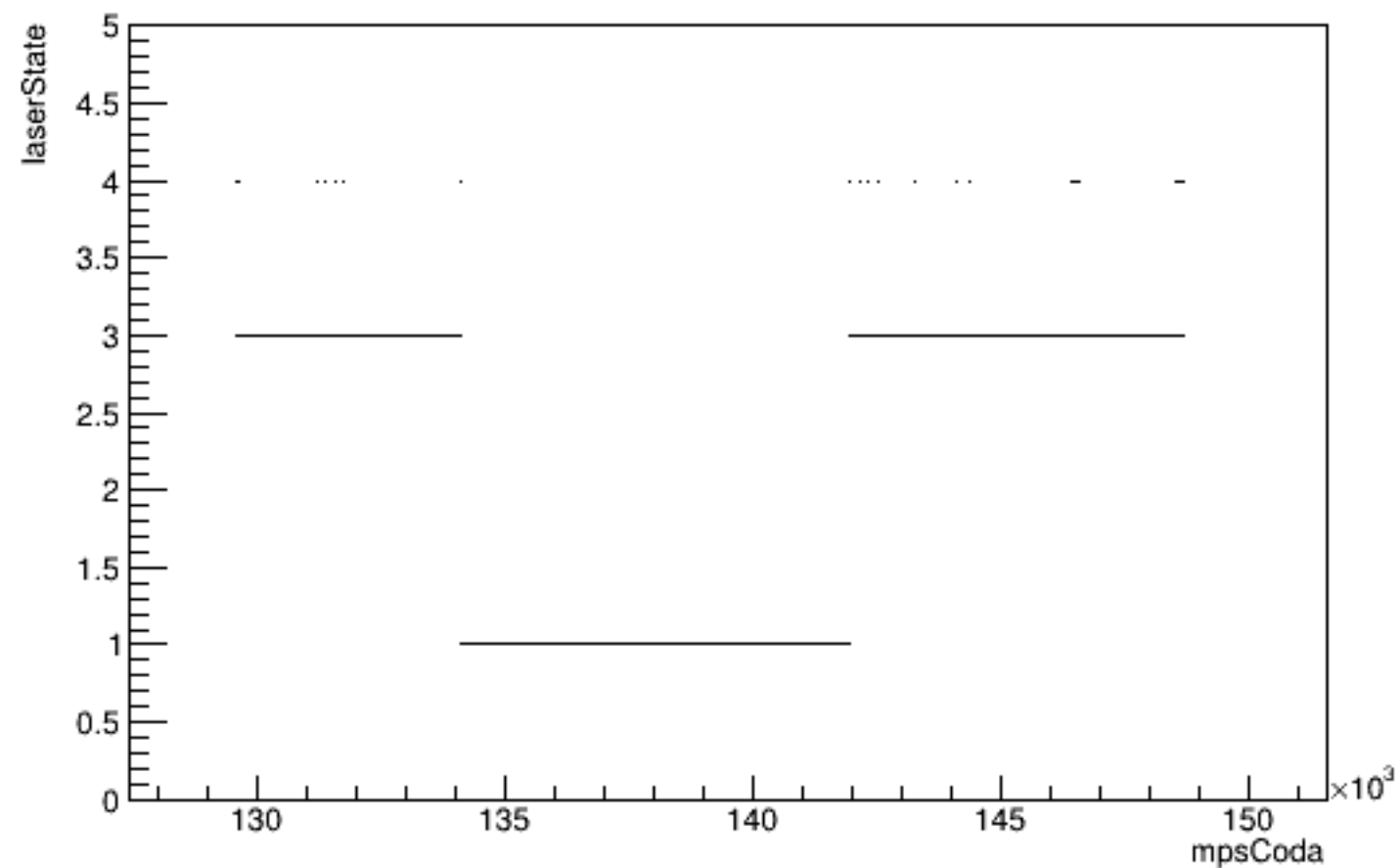
Run 5888 quartetwise, Asyms



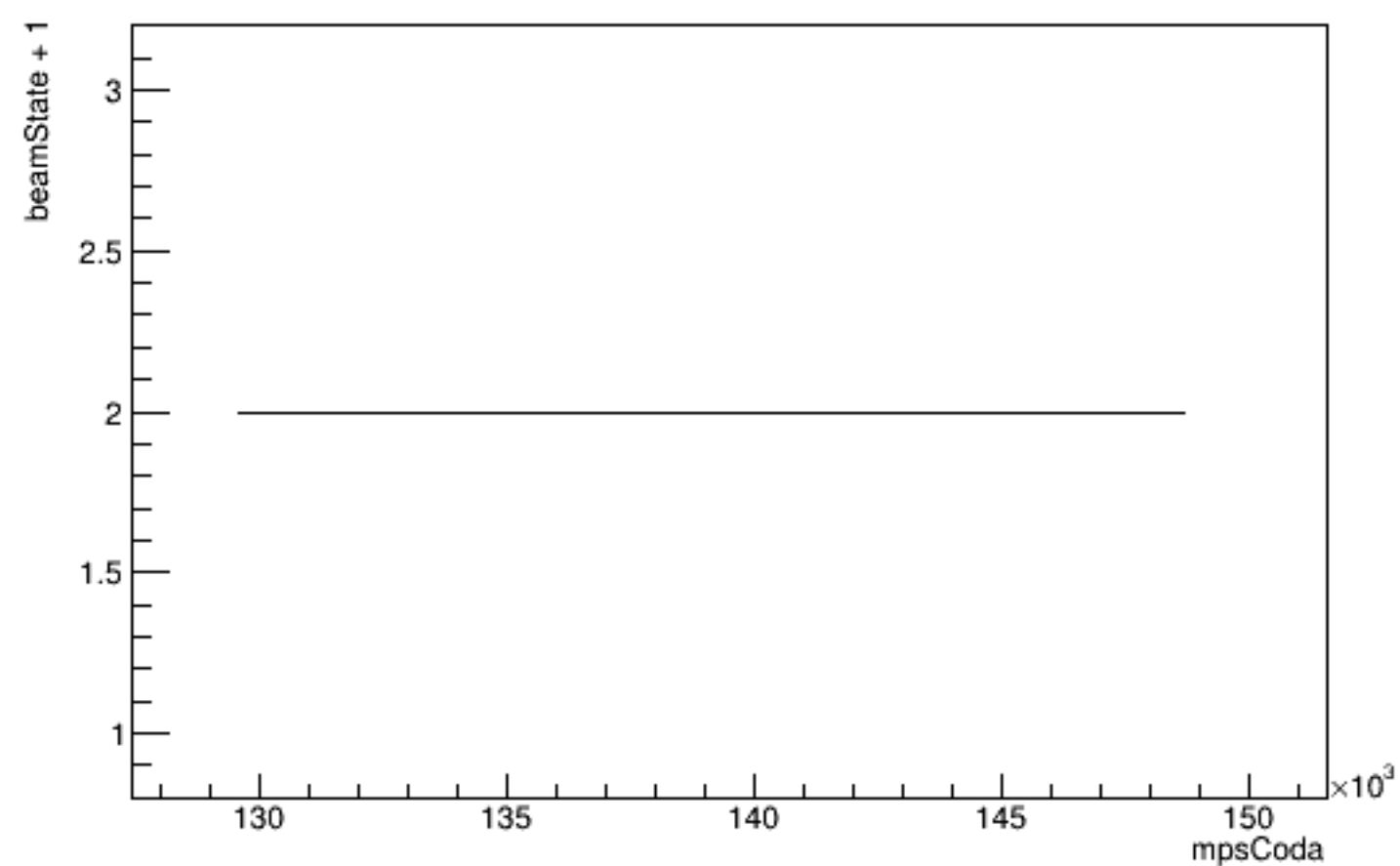
Acc0/NAcc0:mpsCoda (mpsCoda>=129568 && mpsCoda<=148691 && beamState==1)



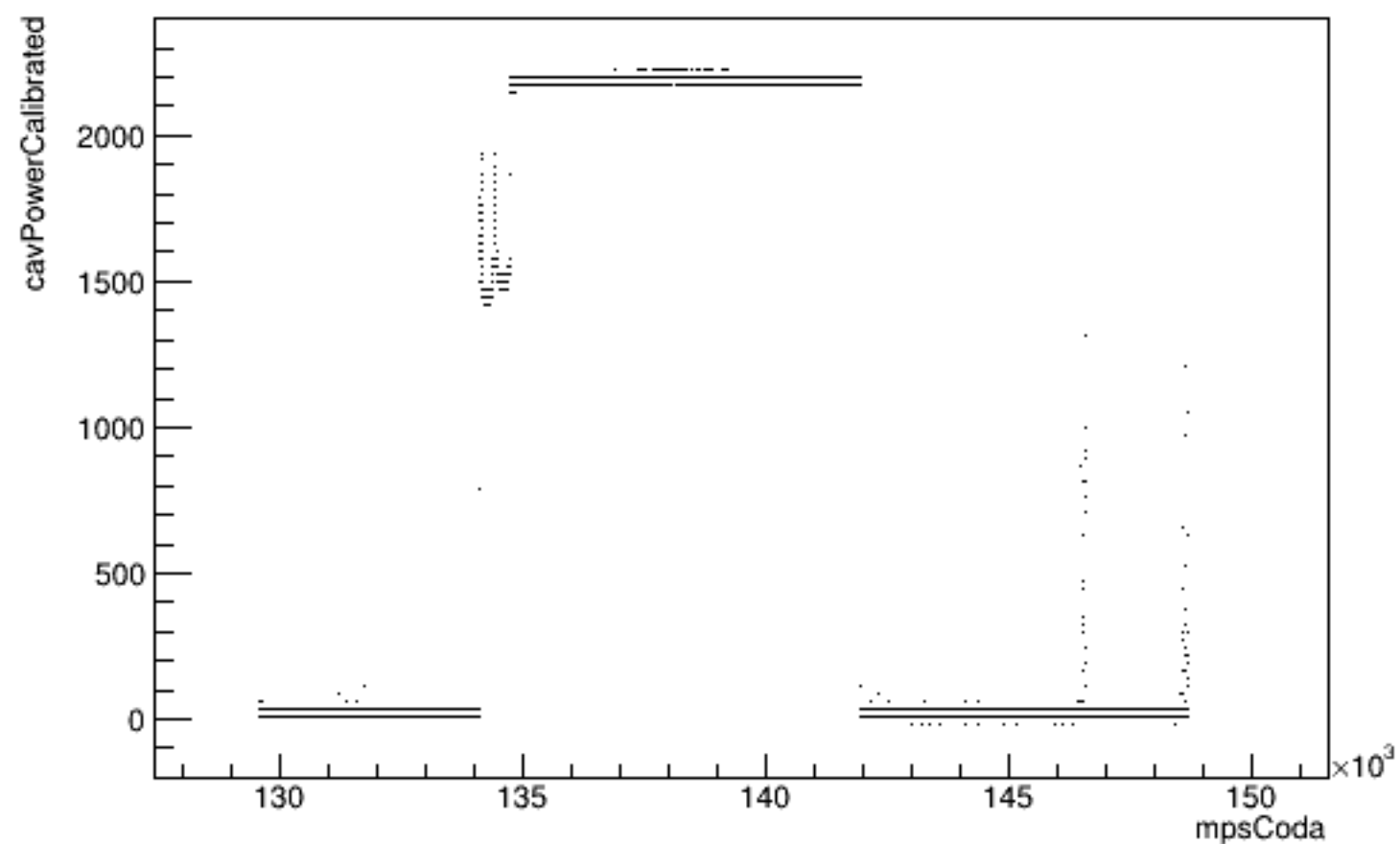
laserState:mpsCoda {mpsCoda>=129568 && mpsCoda<=148691}



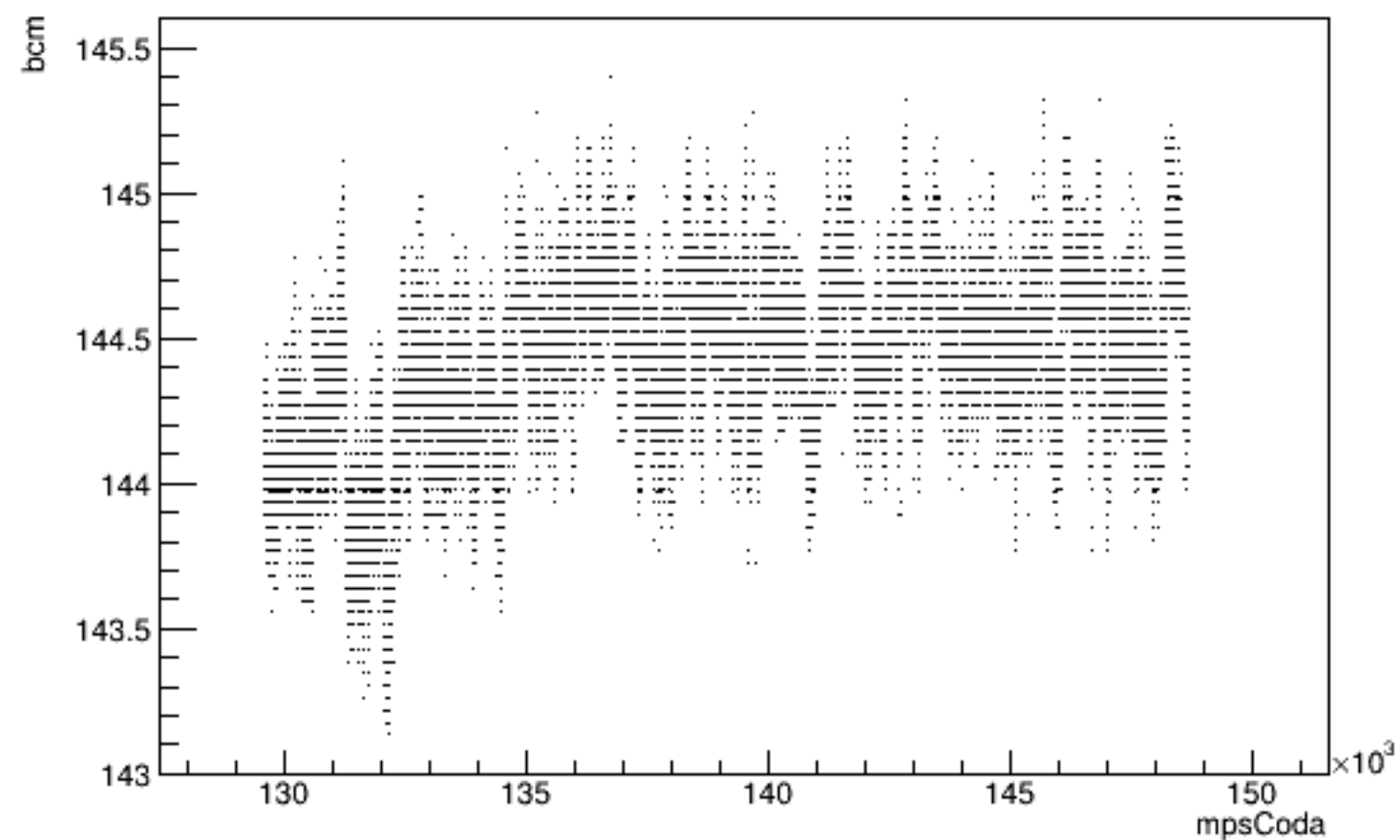
beamState + 1:mpsCoda {mpsCoda>=129568 && mpsCoda<=148691}



cavPowerCalibrated:mpsCoda {mpsCoda>=129568 && mpsCoda<=148691}



bcm:mpsCoda {mpsCoda>=129568 && mpsCoda<=148691}



Cycle 6, Diffs

Entries: 1653

Mean: 0.0143 +/- 0.0102

Std Dev: 0.4131 +/- 0.0072

Entries: 2054

Mean: -0.5479 +/- 0.0434

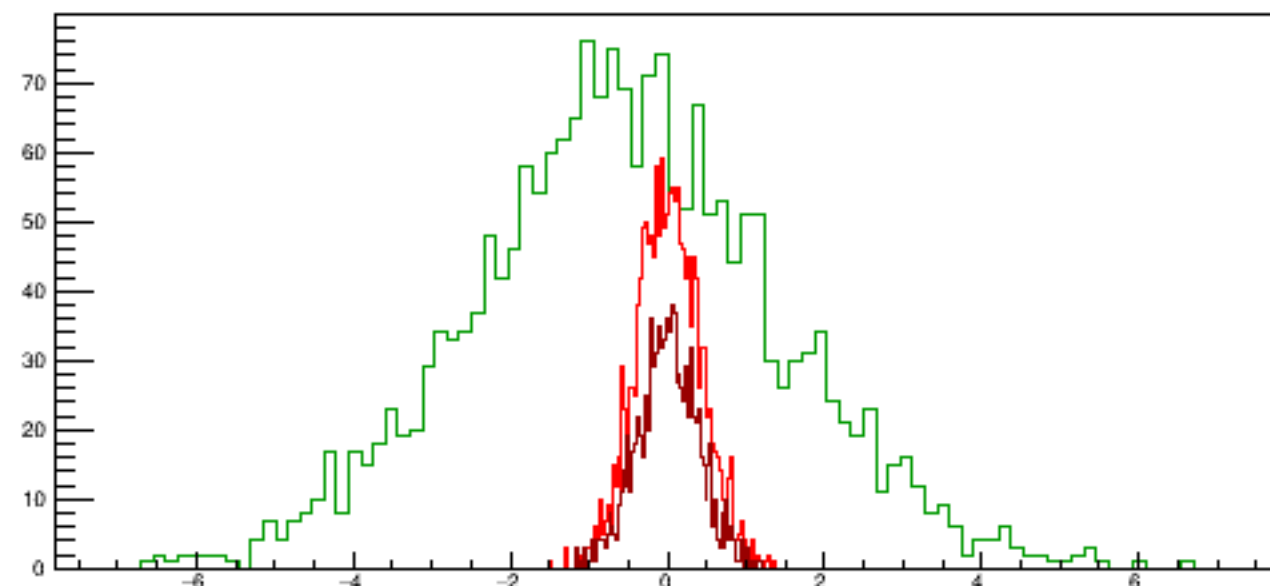
Std Dev: 1.9662 +/- 0.0307

Entries: 1124

Mean: 0.0008 +/- 0.0116

Std Dev: 0.3885 +/- 0.0082

Run 5888 quartetwise, Diffs



Cycle 6, Sums

Entries: 1653

Mean: 6.7855 +/- 0.0107

Std Dev: 0.4370 +/- 0.0076

Entries: 2054

Mean: 24.4749 +/- 0.0740

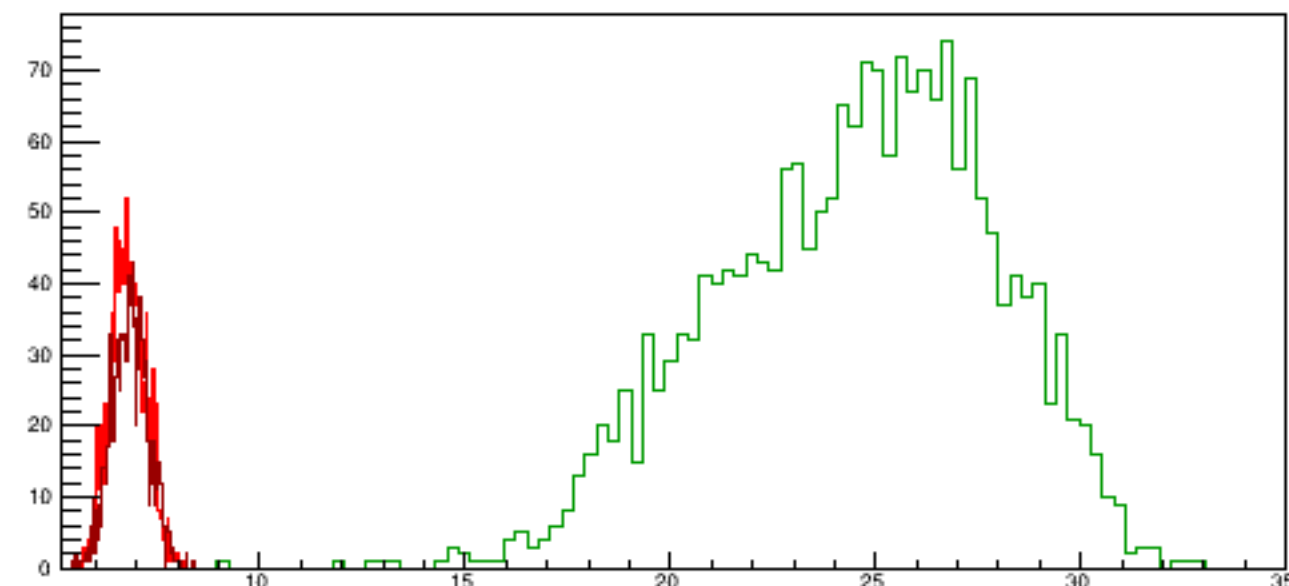
Std Dev: 3.3527 +/- 0.0523

Entries: 1124

Mean: 6.8322 +/- 0.0133

Std Dev: 0.4458 +/- 0.0094

Run 5888 quartetwise, Sums



Cycle 6, Asyms

Entries: 1653

Mean: 0.0008 +/- 0.0006

Std Dev: 0.0234 +/- 0.0004

Entries: 2054

Mean: -0.0306 +/- 0.0026

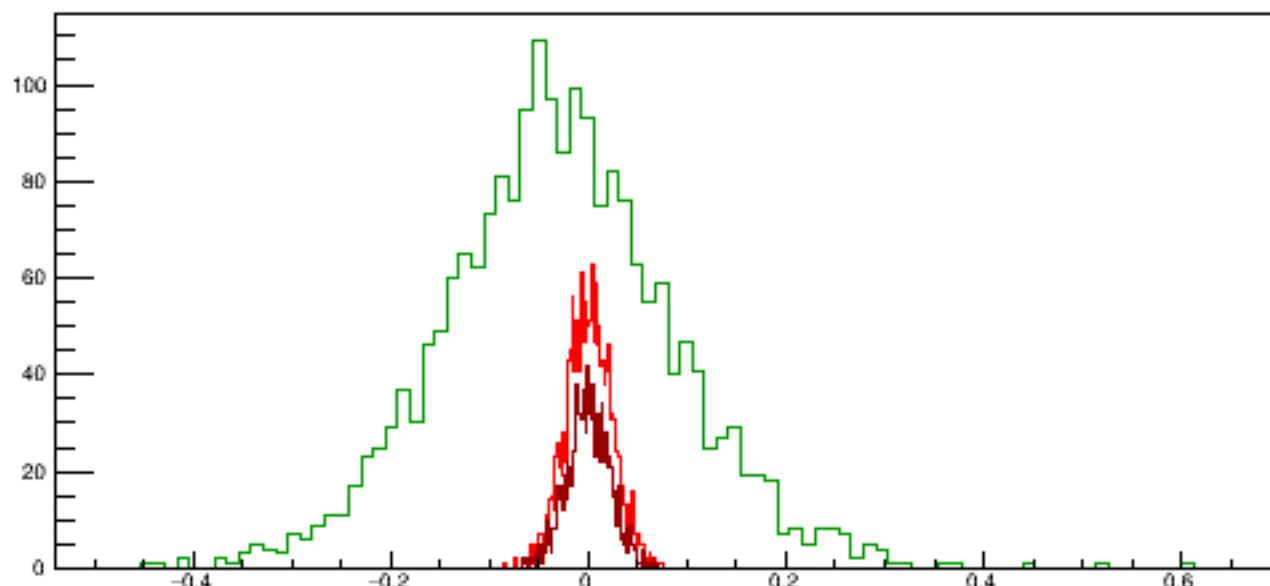
Std Dev: 0.1171 +/- 0.0018

Entries: 1124

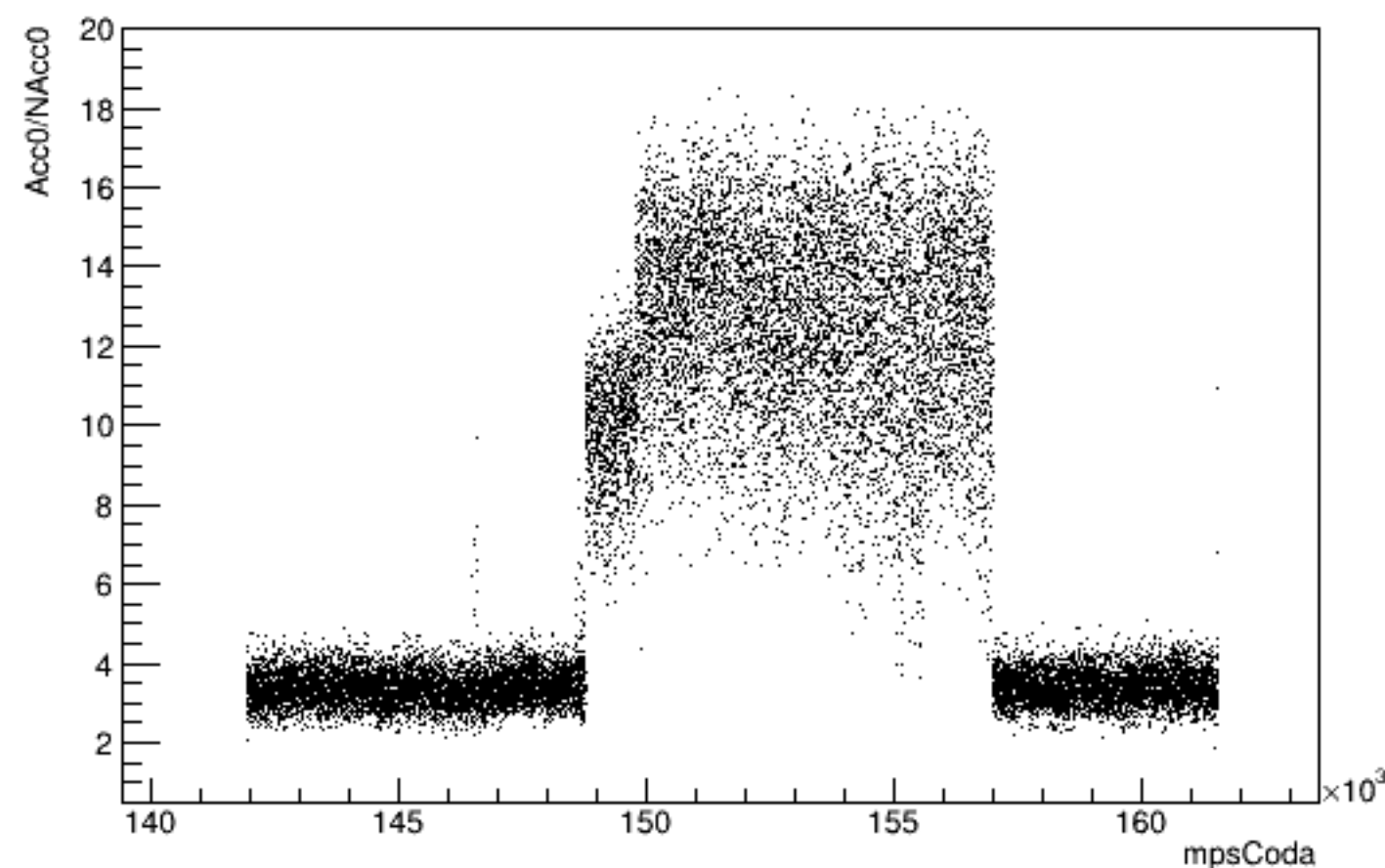
Mean: 0.0000 +/- 0.0007

Std Dev: 0.0220 +/- 0.0005

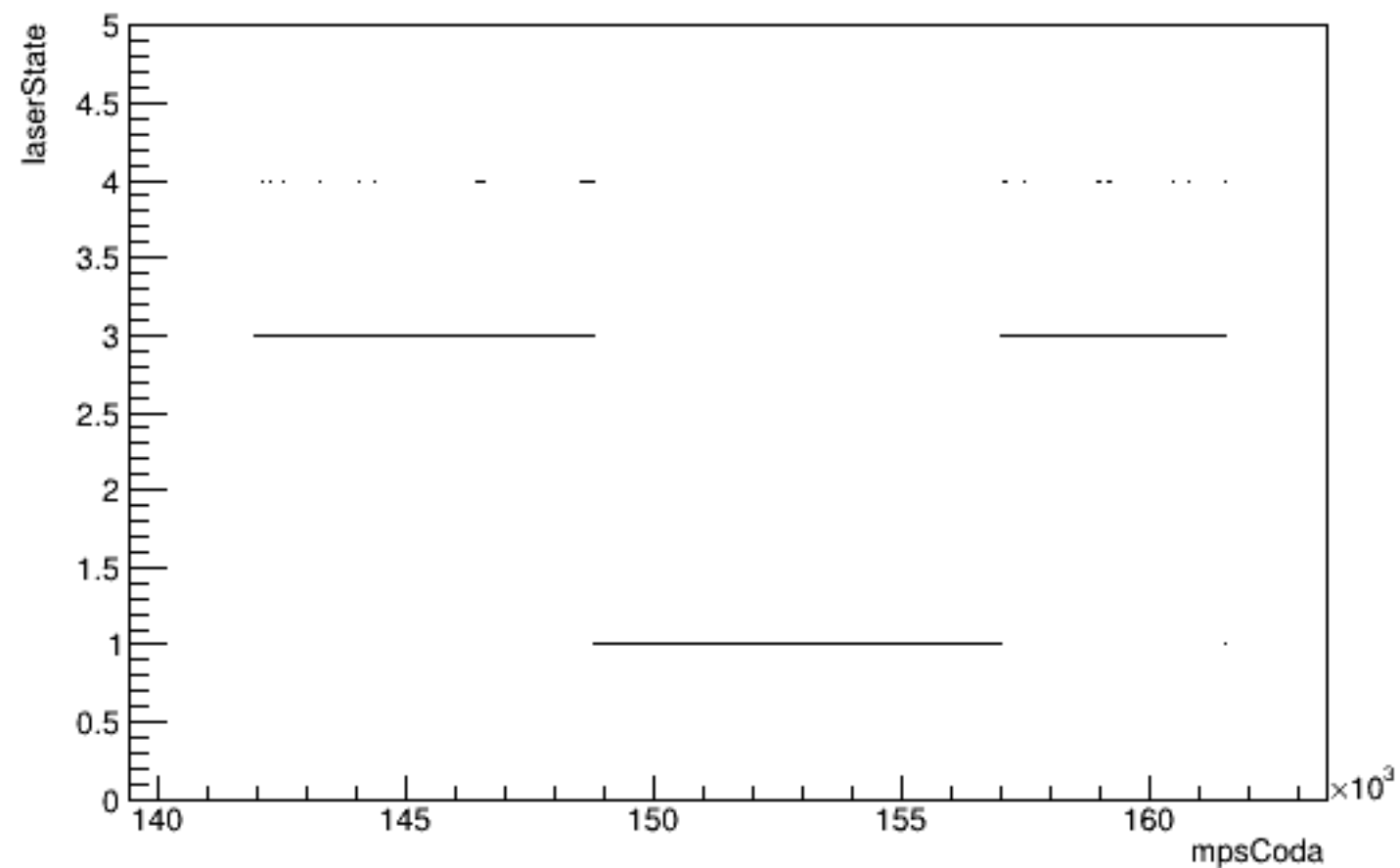
Run 5888 quartetwise, Asyms



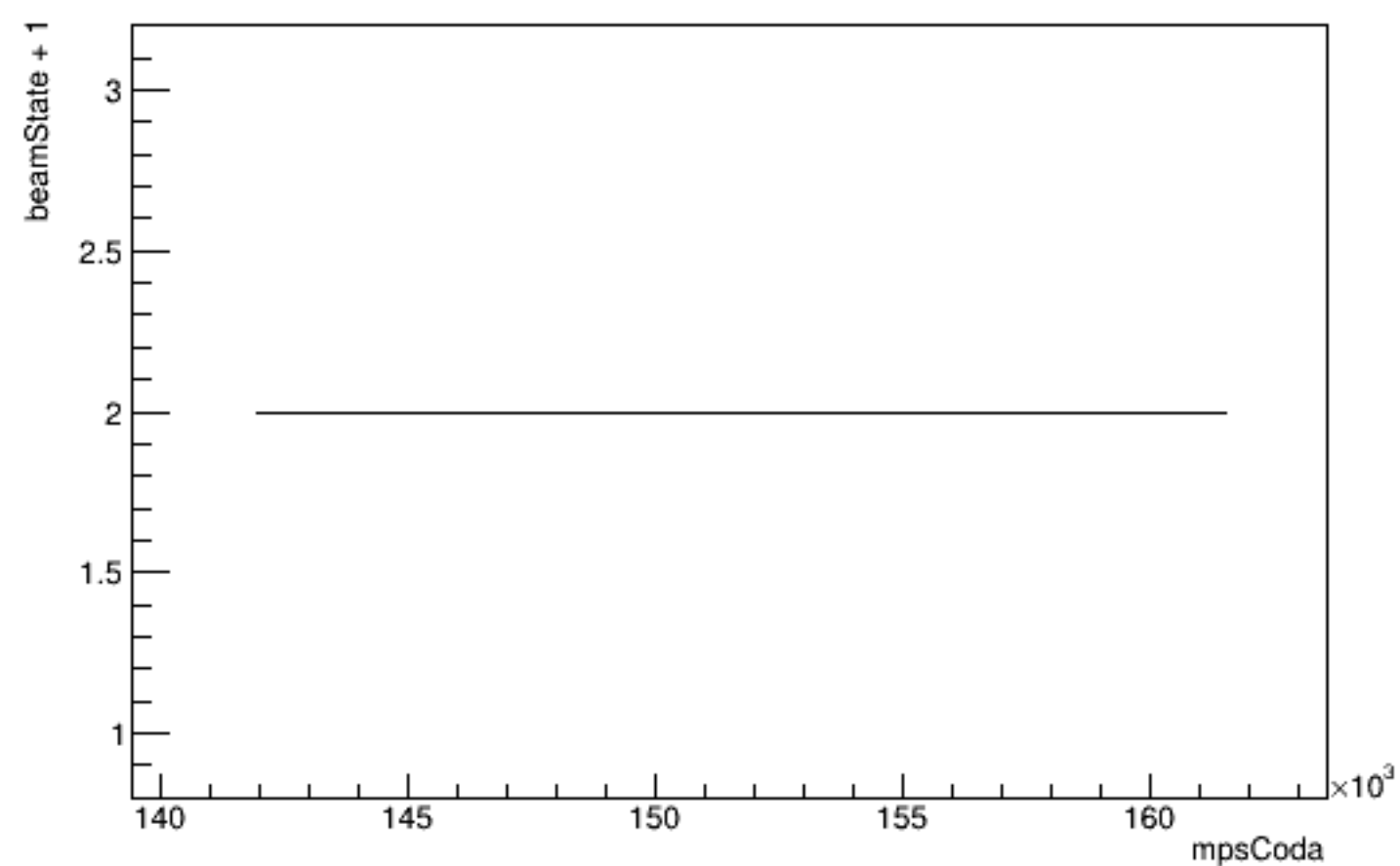
Acc0/NAcc0:mpsCoda (mpsCoda>=141948 && mpsCoda<=161531 && beamState==1)



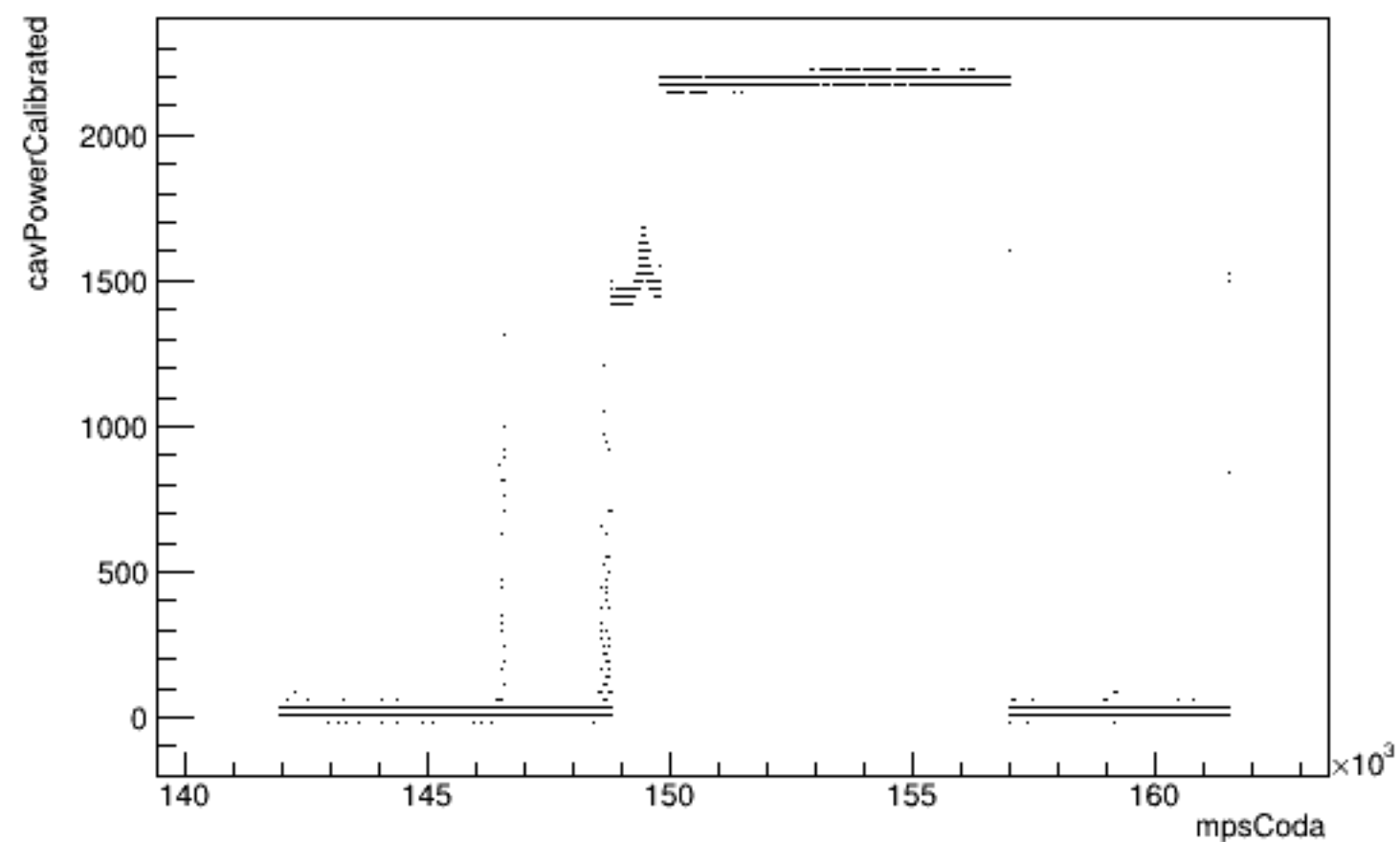
laserState:mpsCoda {mpsCoda>=141948 && mpsCoda<=161531}



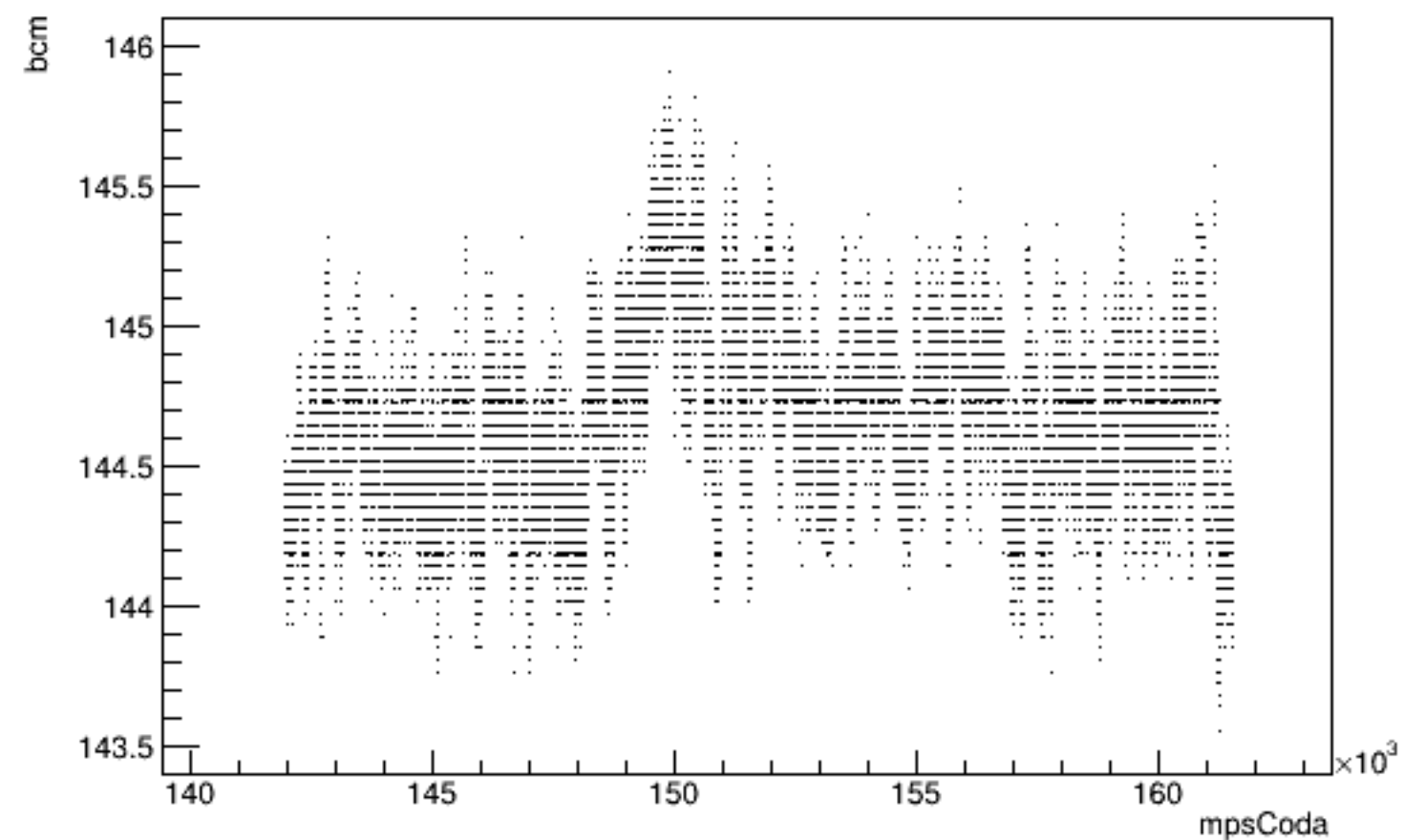
beamState + 1:mpsCoda {mpsCoda>=141948 && mpsCoda<=161531}



cavPowerCalibrated:mpsCoda {mpsCoda>=141948 && mpsCoda<=161531}



bcm:mpsCoda {mpsCoda>=141948 && mpsCoda<=161531}



Cycle 7, Diffs

Entries: 1124

Mean: 0.0008 +/- 0.0116

Std Dev: 0.3885 +/- 0.0082

Entries: 1959

Mean: -0.4511 +/- 0.0456

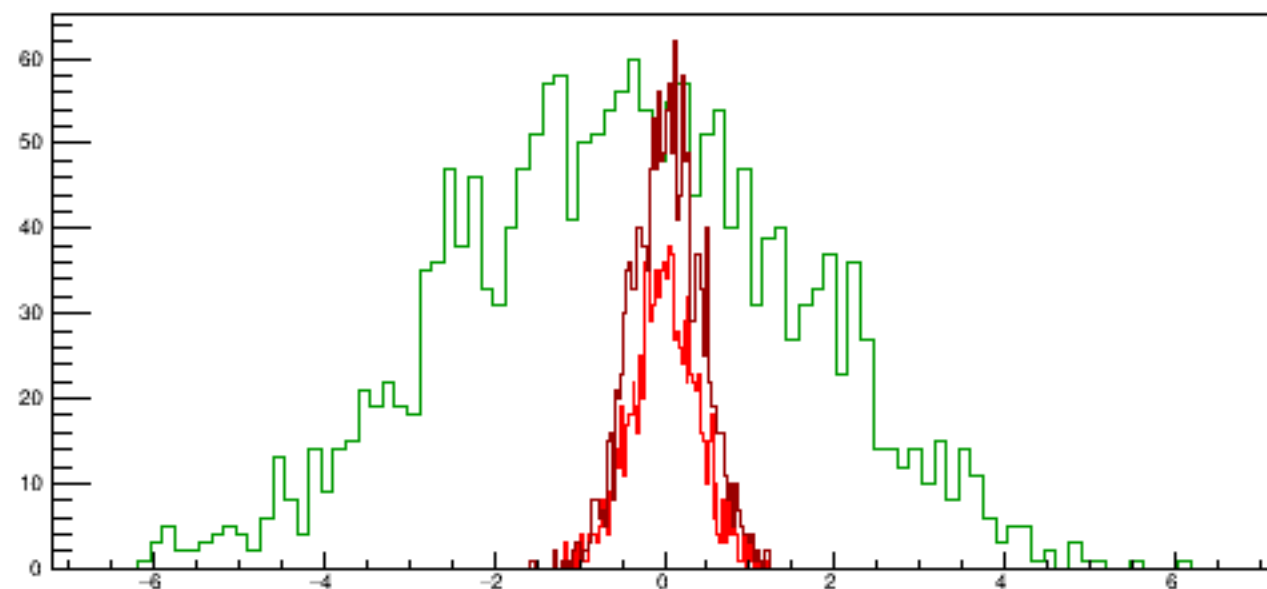
Std Dev: 2.0190 +/- 0.0323

Entries: 1628

Mean: 0.0284 +/- 0.0100

Std Dev: 0.4050 +/- 0.0071

Run 5888 quartetwise, Diffs



Cycle 7, Sums

Entries: 1124

Mean: 6.8322 +/- 0.0133

Std Dev: 0.4458 +/- 0.0094

Entries: 1959

Mean: 24.7391 +/- 0.0742

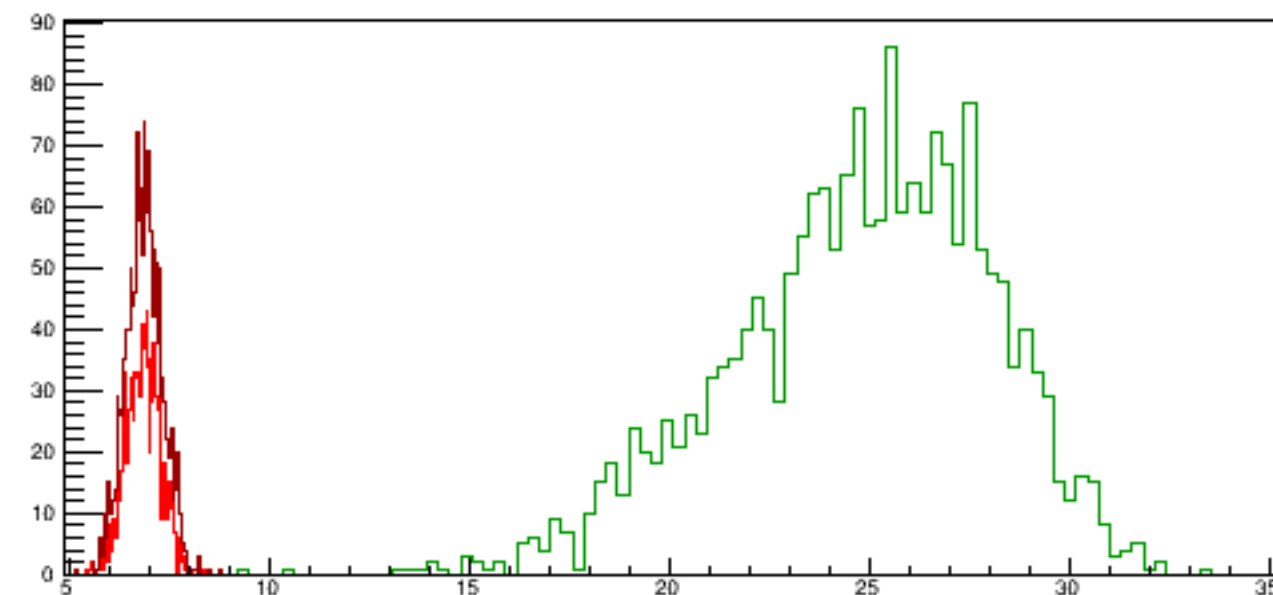
Std Dev: 3.2820 +/- 0.0524

Entries: 1628

Mean: 6.8474 +/- 0.0112

Std Dev: 0.4518 +/- 0.0079

Run 5888 quartetwise, Sums



Cycle 7, Asyms

Entries: 1124

Mean: 0.0000 +/- 0.0006

Std Dev: 0.0217 +/- 0.0005

Entries: 1959

Mean: -0.0246 +/- 0.0027

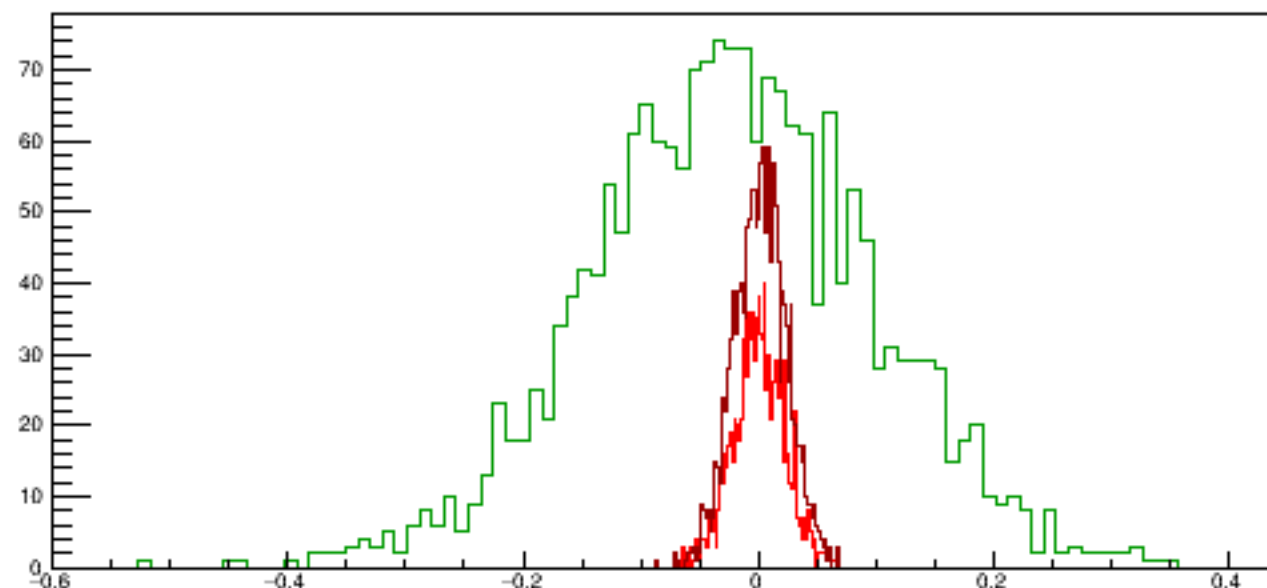
Std Dev: 0.1194 +/- 0.0019

Entries: 1628

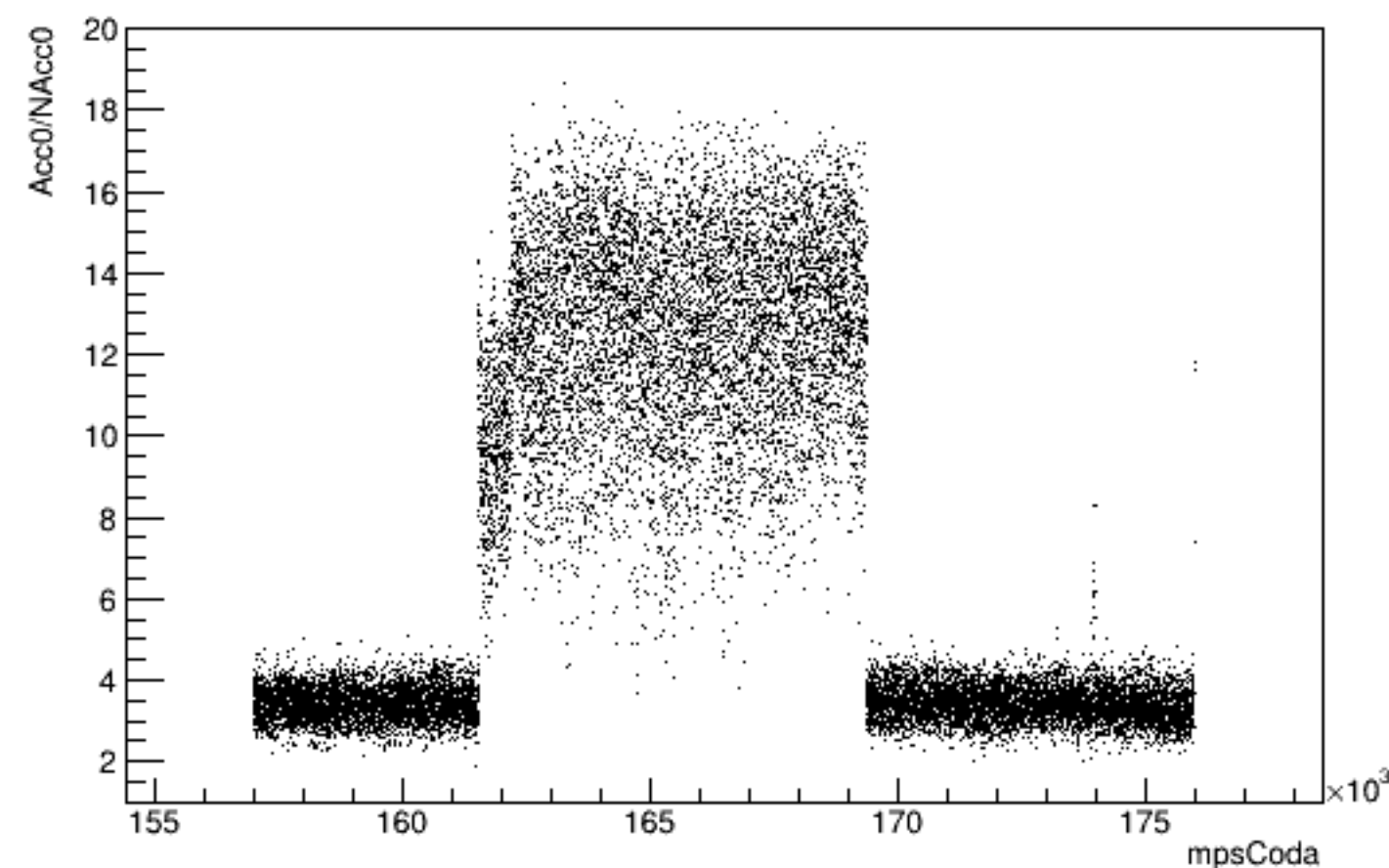
Mean: 0.0016 +/- 0.0006

Std Dev: 0.0226 +/- 0.0004

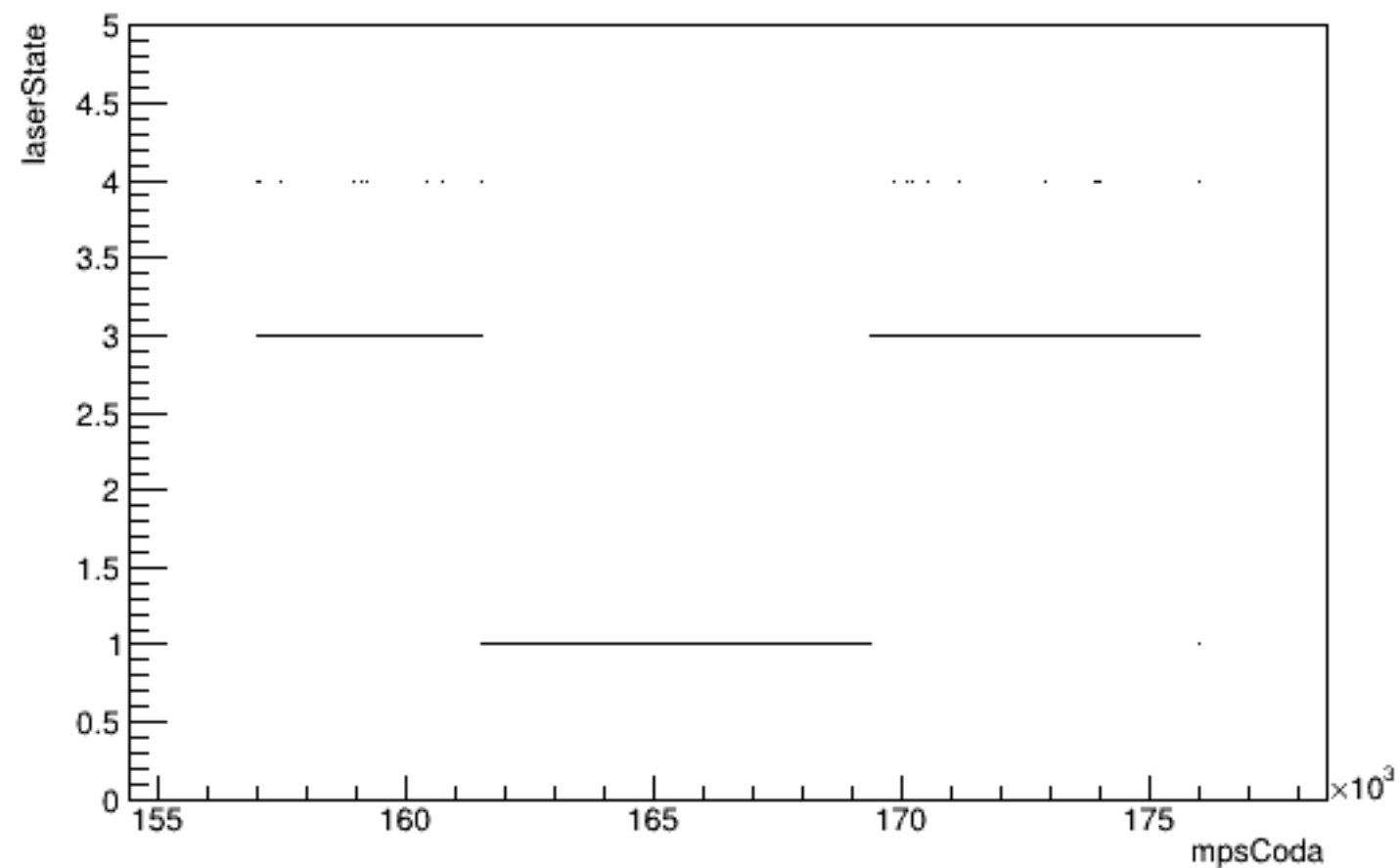
Run 5888 quartetwise, Asyms



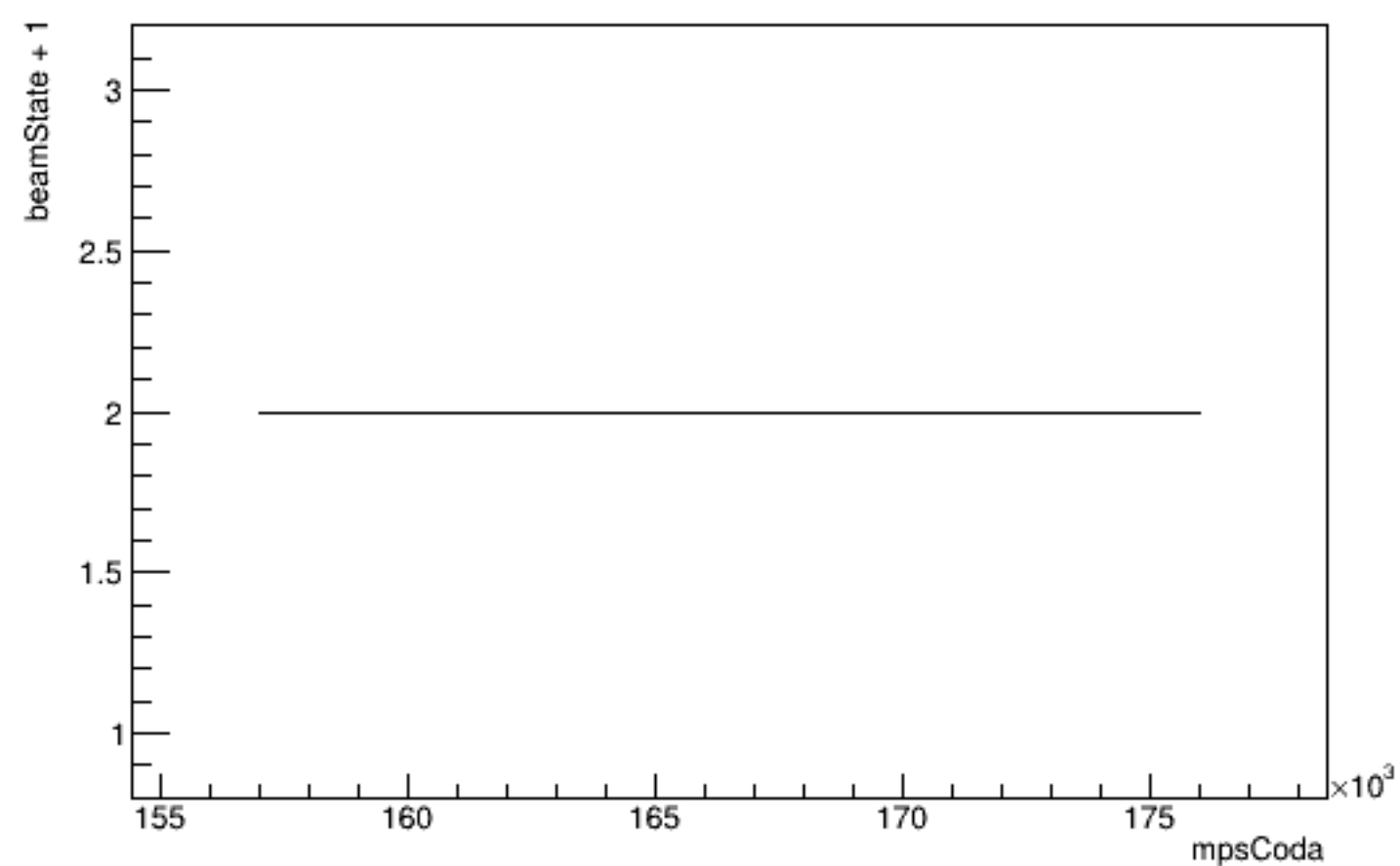
Acc0/NAcc0:mpsCoda (mpsCoda>=156992 && mpsCoda<=175971 && beamState==1)



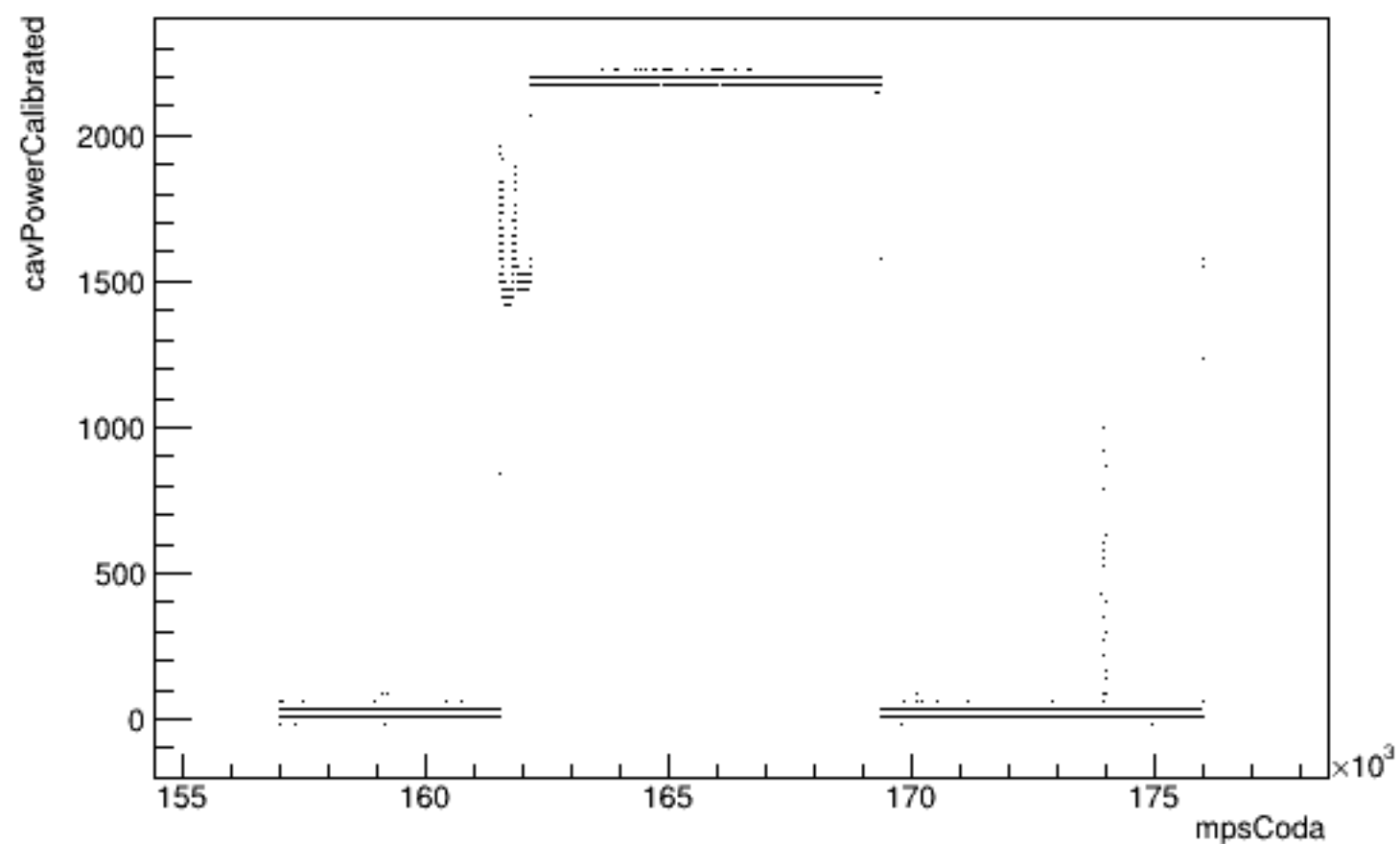
laserState:mpsCoda {mpsCoda>=156992 && mpsCoda<=175971}



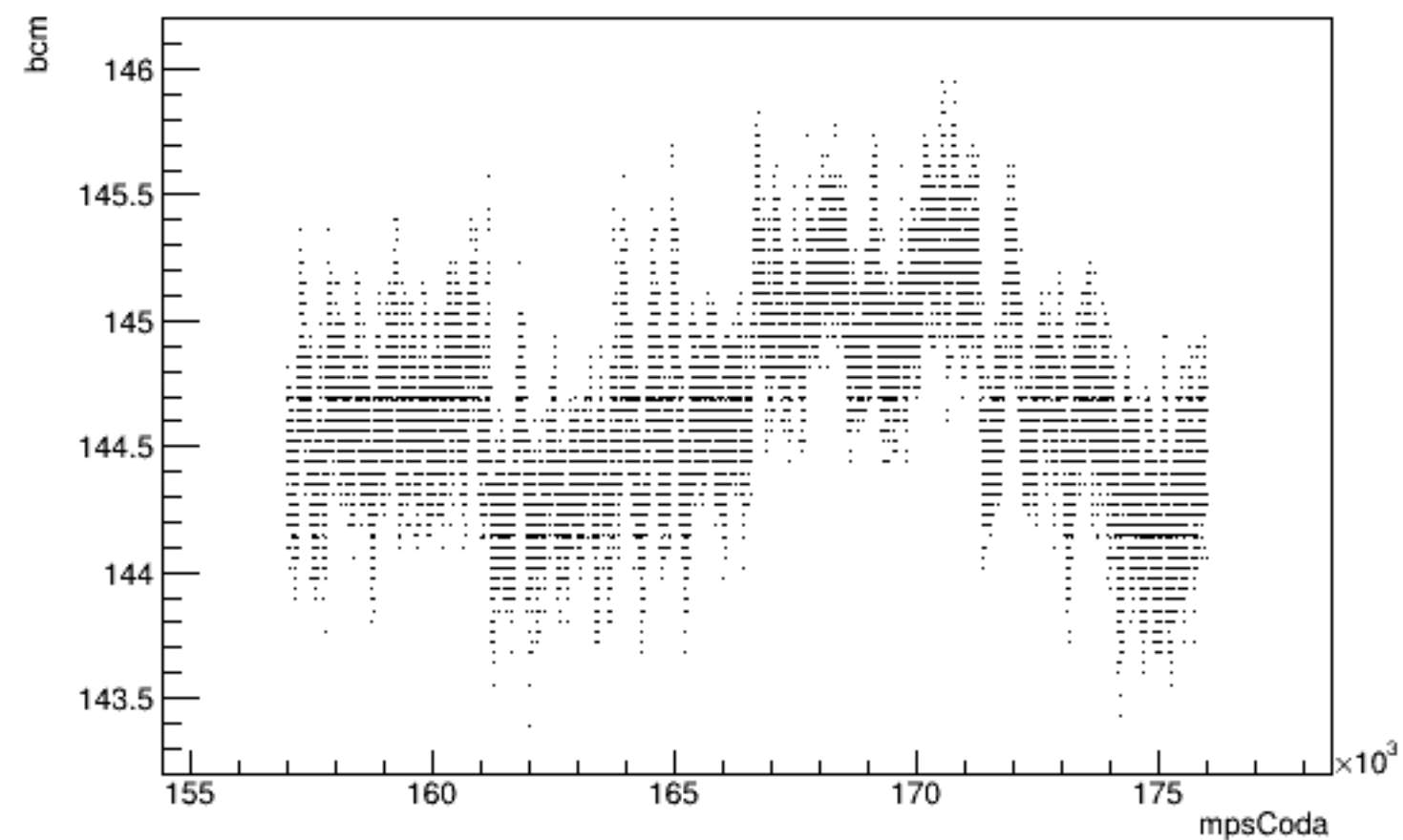
beamState + 1:mpsCoda {mpsCoda>=156992 && mpsCoda<=175971}



cavPowerCalibrated:mpsCoda {mpsCoda>=156992 && mpsCoda<=175971}



bcm:mpsCoda {mpsCoda>=156992 && mpsCoda<=175971}



Cycle 8, Diffs

Entries: 1628

Mean: 0.0284 +/- 0.0100

Std Dev: 0.4050 +/- 0.0071

Entries: 1989

Mean: -0.5612 +/- 0.0367

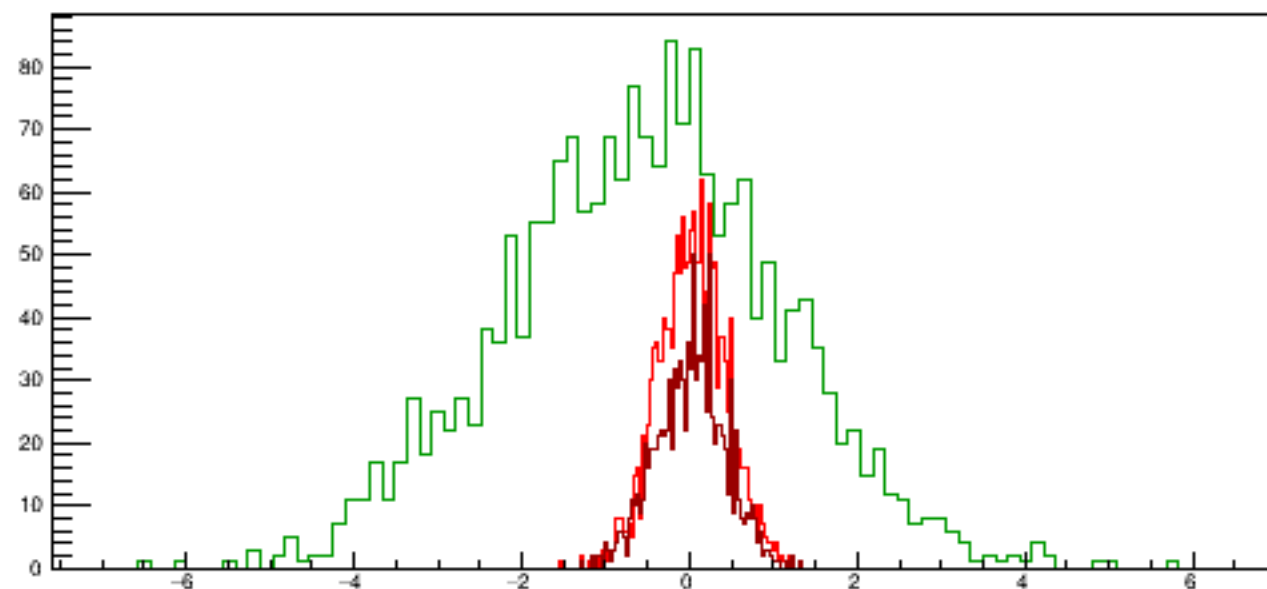
Std Dev: 1.6383 +/- 0.0260

Entries: 1104

Mean: 0.0100 +/- 0.0124

Std Dev: 0.4135 +/- 0.0088

Run 5888 quartetwise, Diffs



Cycle 8, Sums

Entries: 1628

Mean: 6.8474 +/- 0.0112

Std Dev: 0.4518 +/- 0.0079

Entries: 1989

Mean: 25.3624 +/- 0.0600

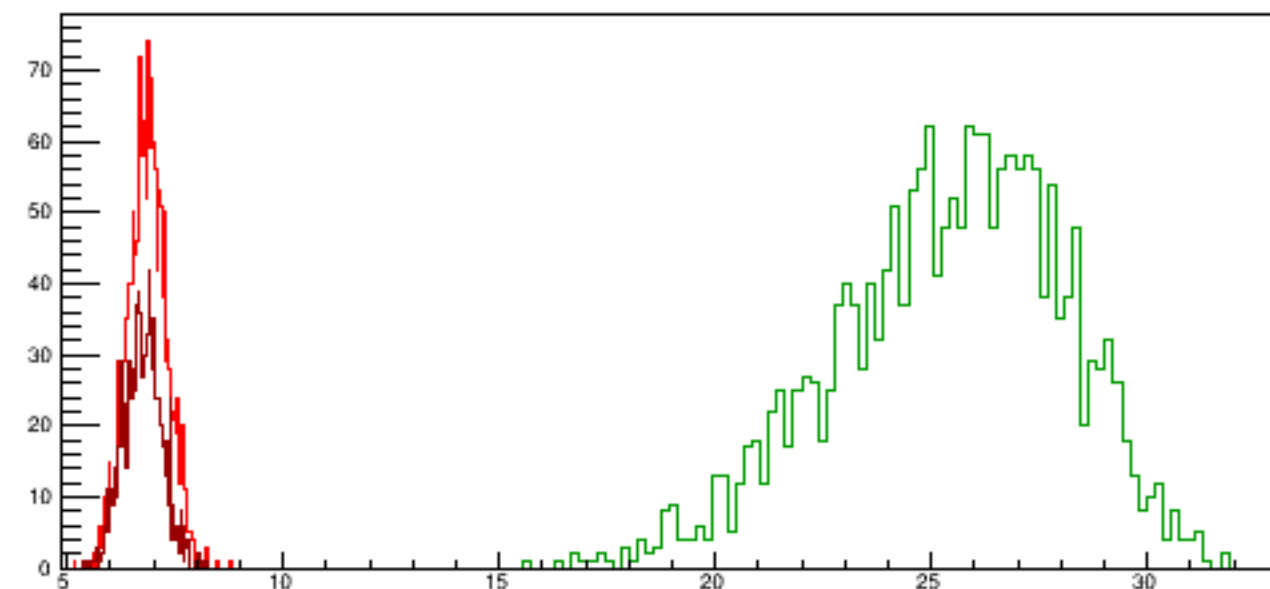
Std Dev: 2.6765 +/- 0.0424

Entries: 1104

Mean: 6.7361 +/- 0.0133

Std Dev: 0.4415 +/- 0.0094

Run 5888 quartetwise, Sums



Cycle 8, Asyms

Entries: 1628

Mean: 0.0015 +/- 0.0005

Std Dev: 0.0218 +/- 0.0004

Entries: 1989

Mean: -0.0301 +/- 0.0020

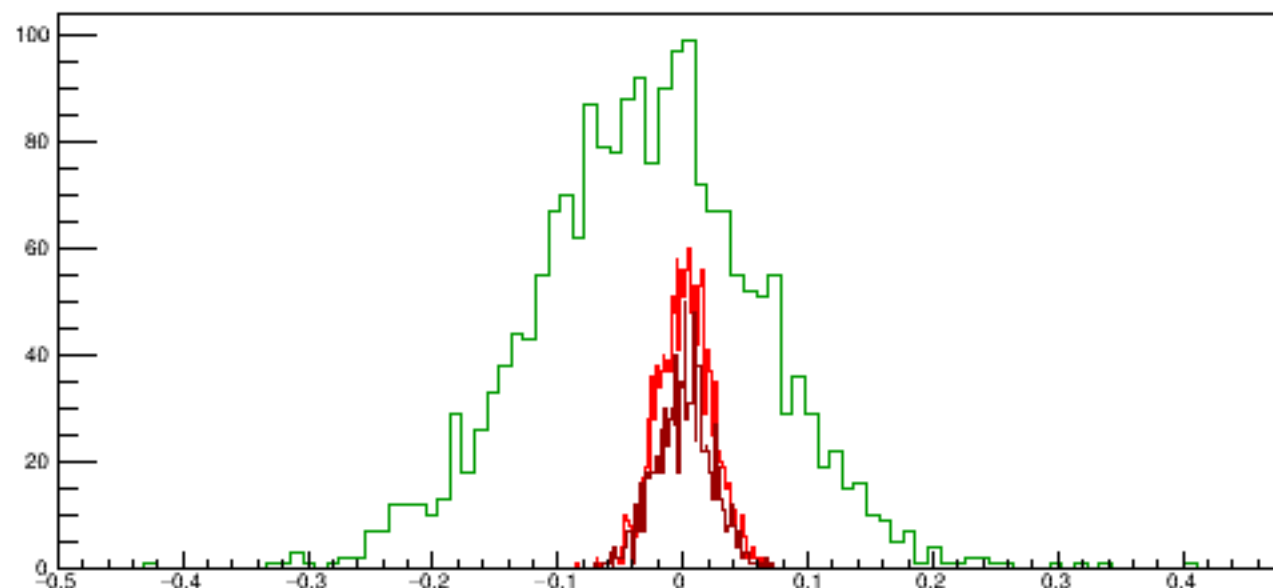
Std Dev: 0.0911 +/- 0.0014

Entries: 1104

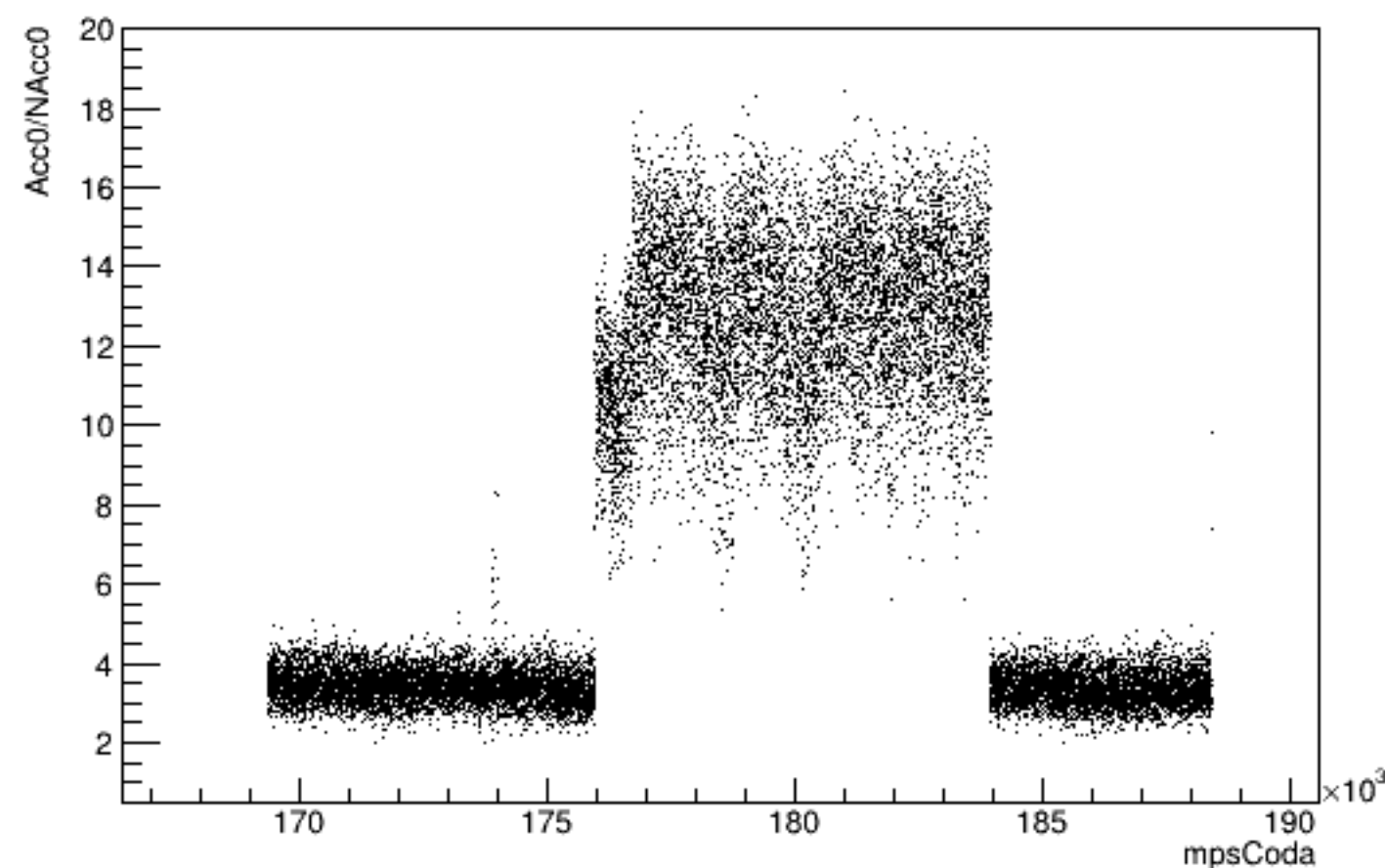
Mean: 0.0005 +/- 0.0007

Std Dev: 0.0223 +/- 0.0005

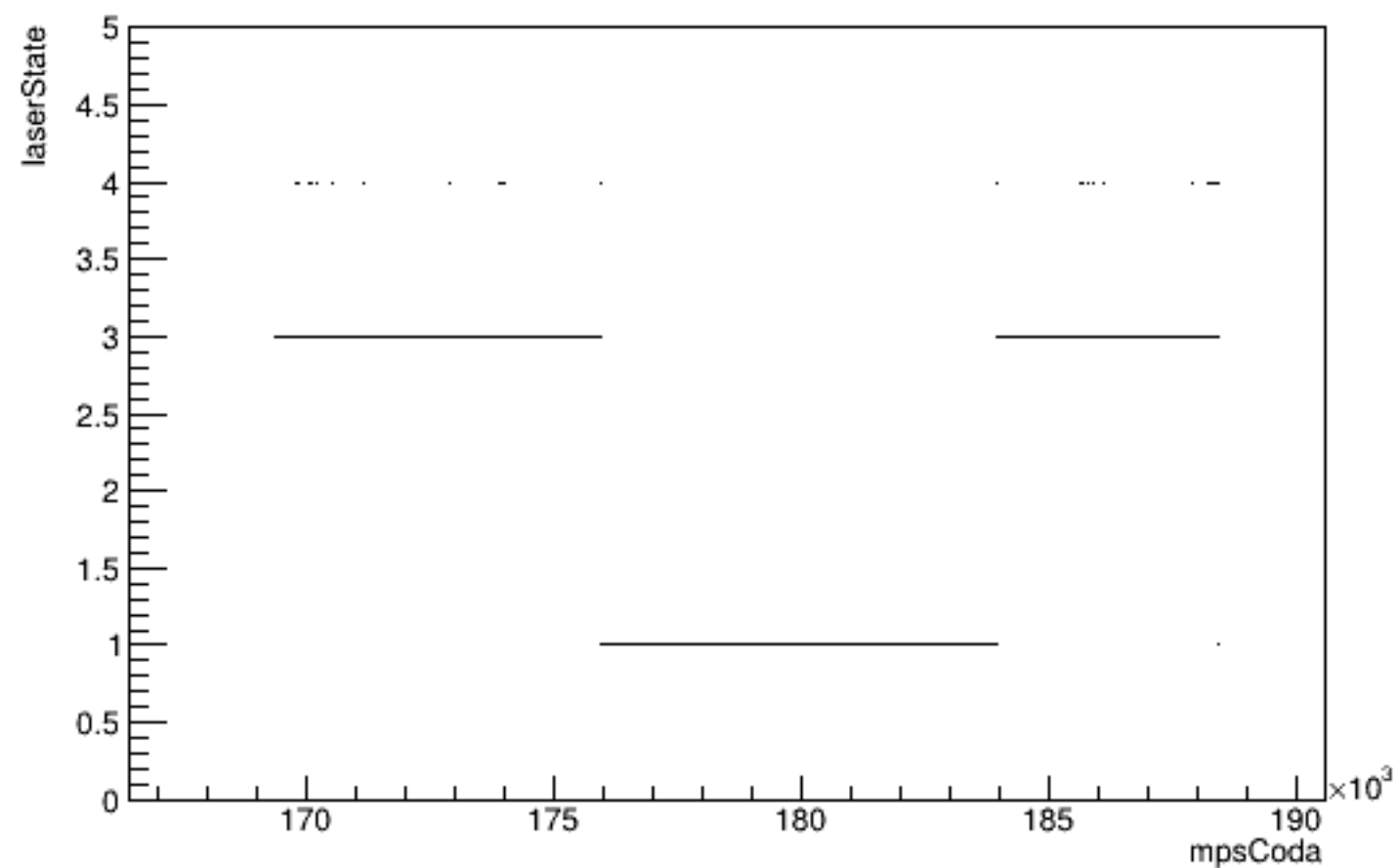
Run 5888 quartetwise, Asyms



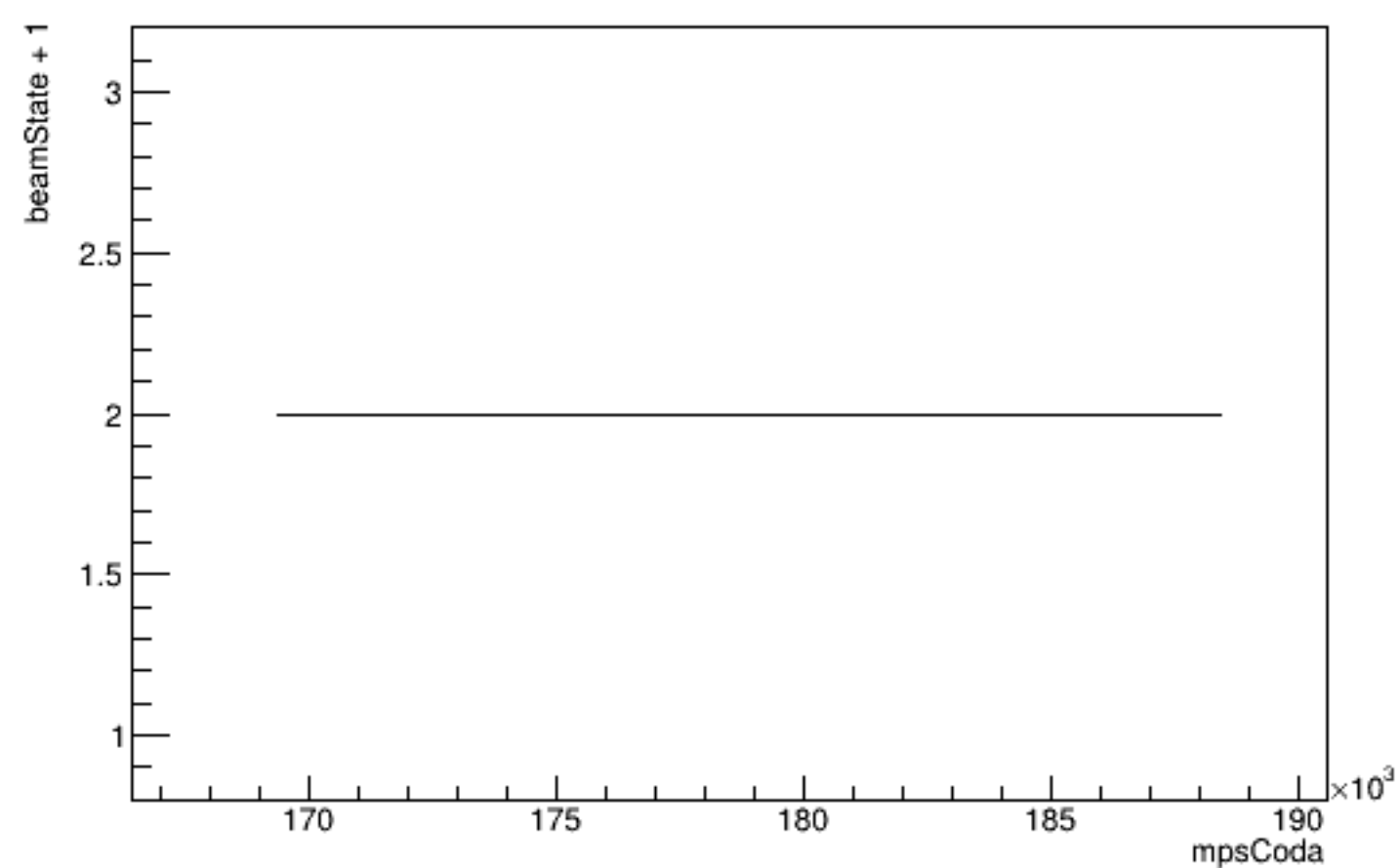
Acc0/NAcc0:mpsCoda (mpsCoda>=169372 && mpsCoda<=188395 && beamState==1)



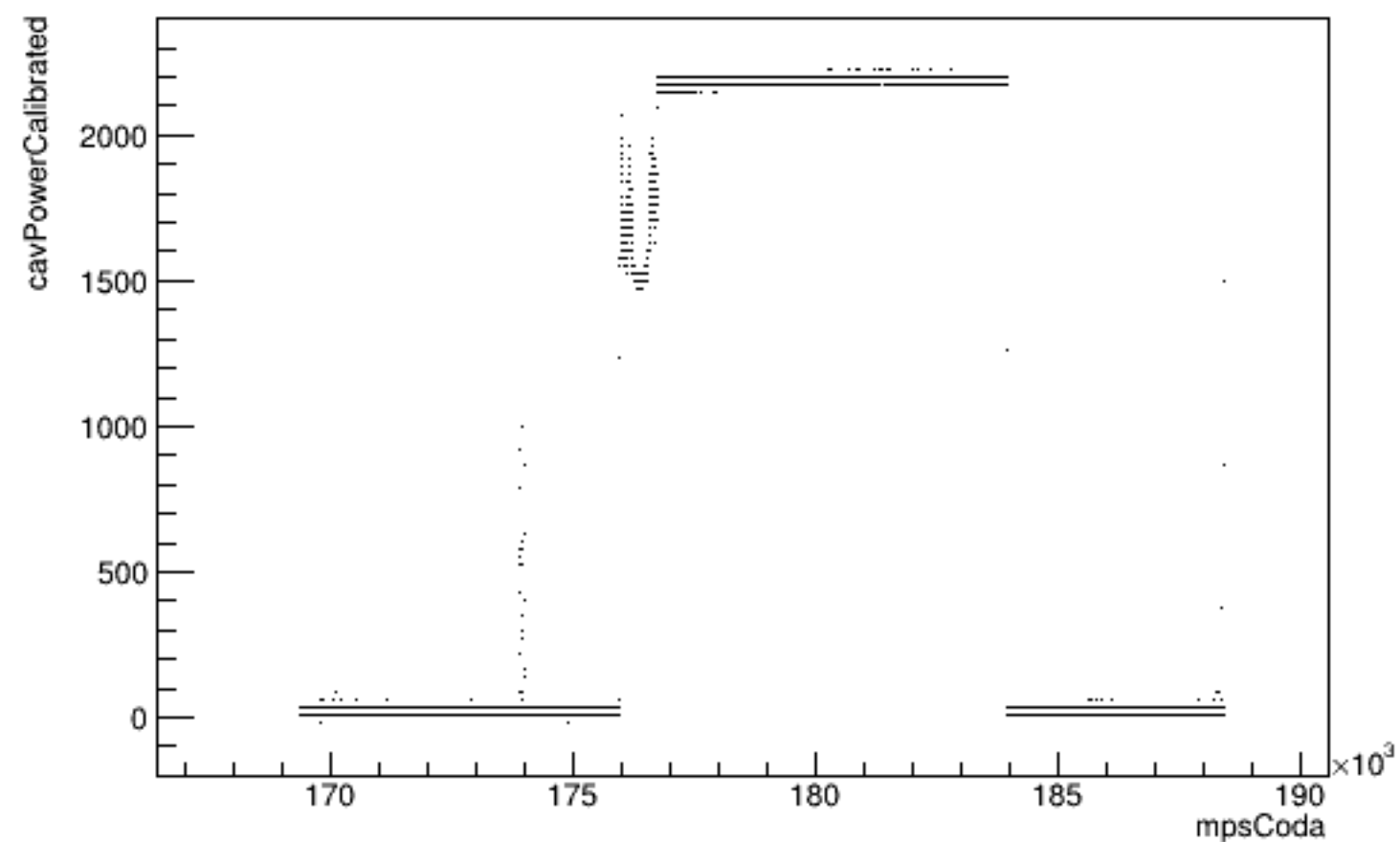
laserState:mpsCoda {mpsCoda>=169372 && mpsCoda<=188395}



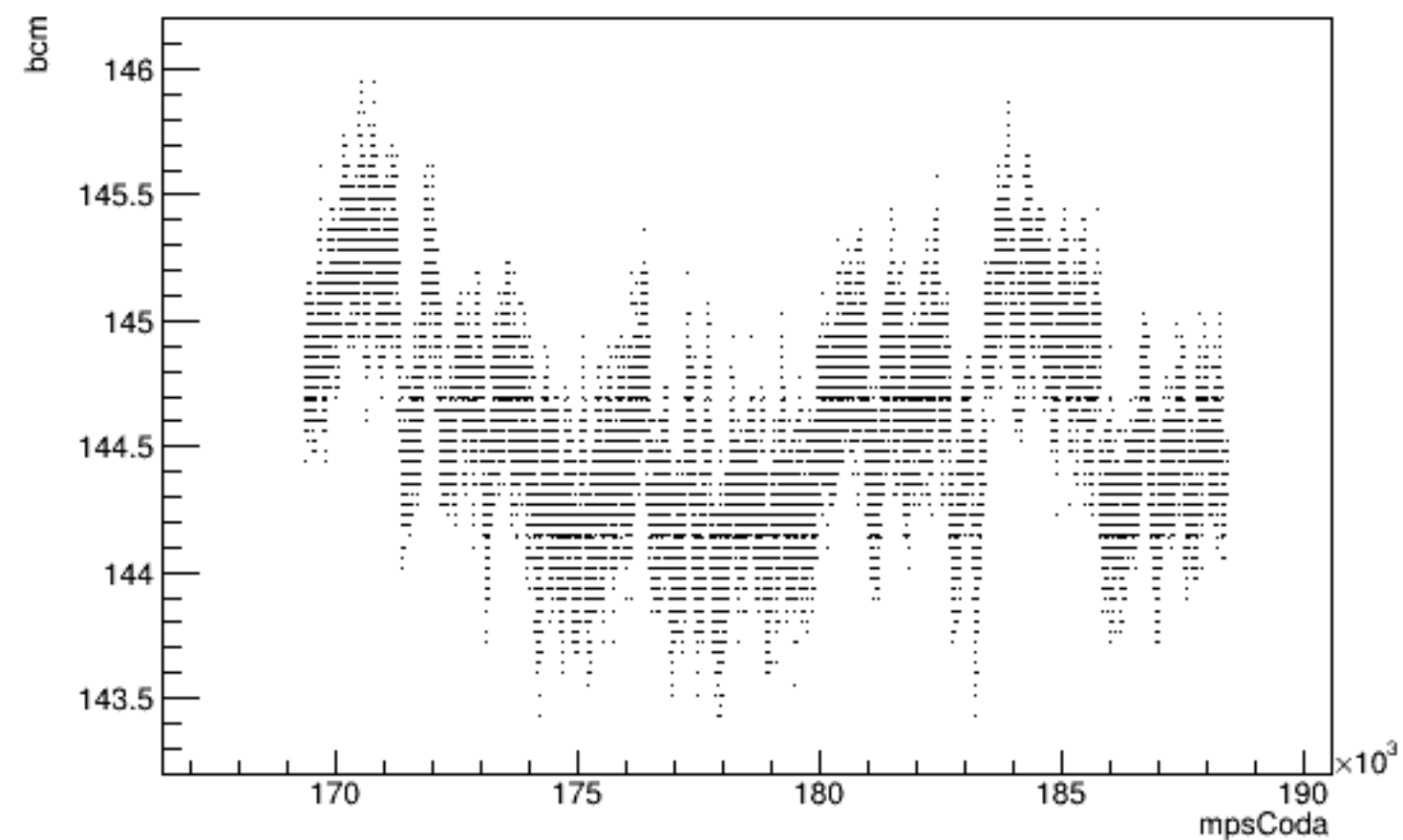
beamState + 1:mpsCoda {mpsCoda>=169372 && mpsCoda<=188395}



cavPowerCalibrated:mpsCoda {mpsCoda>=169372 && mpsCoda<=188395}



bcm:mpsCoda {mpsCoda>=169372 && mpsCoda<=188395}



Cycle 9, Diffs

Entries: 1104

Mean: 0.0100 +/- 0.0124

Std Dev: 0.4135 +/- 0.0088

Entries: 1978

Mean: -0.4896 +/- 0.0451

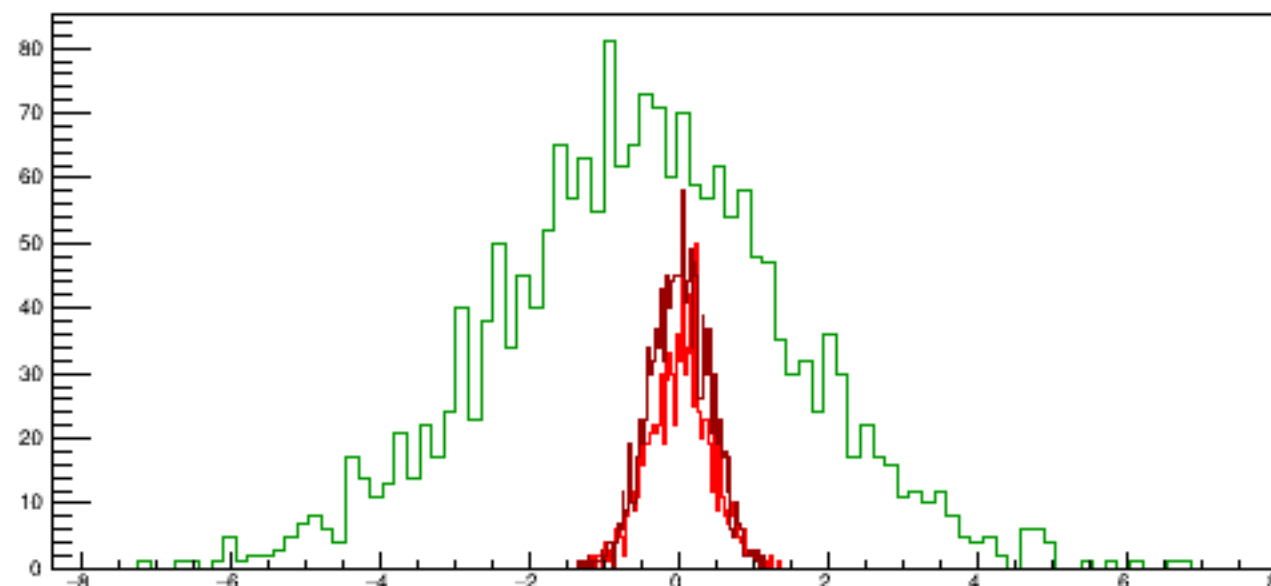
Std Dev: 2.0041 +/- 0.0319

Entries: 1616

Mean: 0.0062 +/- 0.0100

Std Dev: 0.4005 +/- 0.0070

Run 5888 quartetwise, Diffs



Cycle 9, Sums

Entries: 1104

Mean: 6.7361 +/- 0.0133

Std Dev: 0.4415 +/- 0.0094

Entries: 1978

Mean: 24.2237 +/- 0.0684

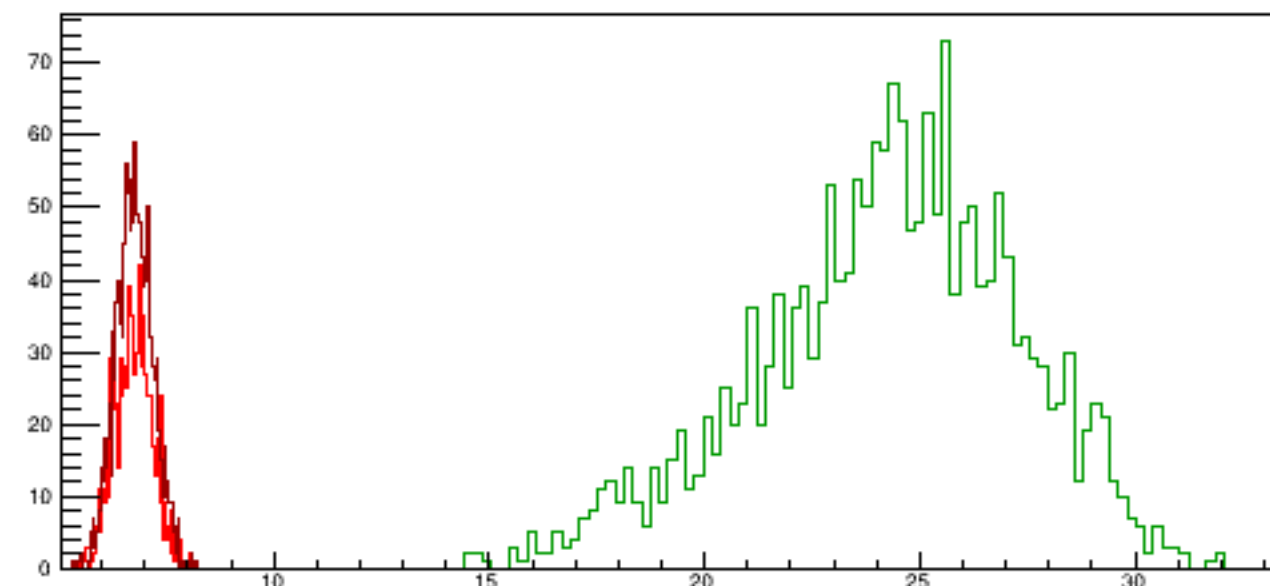
Std Dev: 3.0405 +/- 0.0483

Entries: 1616

Mean: 6.7595 +/- 0.0106

Std Dev: 0.4259 +/- 0.0075

Run 5888 quartetwise, Sums



Cycle 9, Asyms

Entries: 1104

Mean: 0.0006 +/- 0.0007

Std Dev: 0.0237 +/- 0.0005

Entries: 1978

Mean: -0.0271 +/- 0.0027

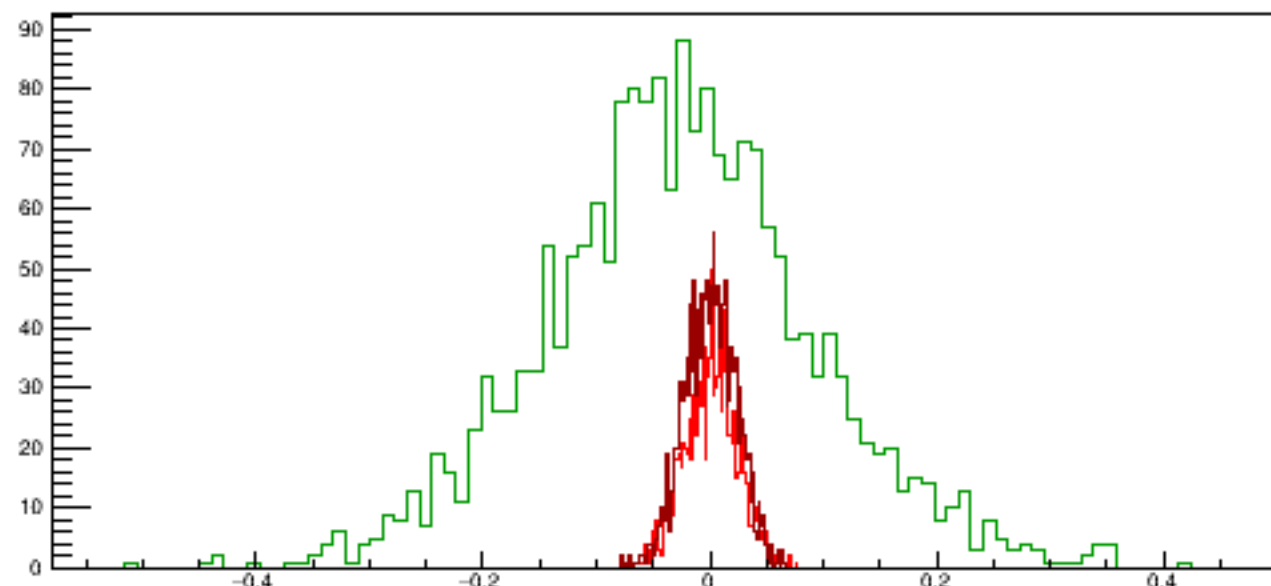
Std Dev: 0.1199 +/- 0.0019

Entries: 1616

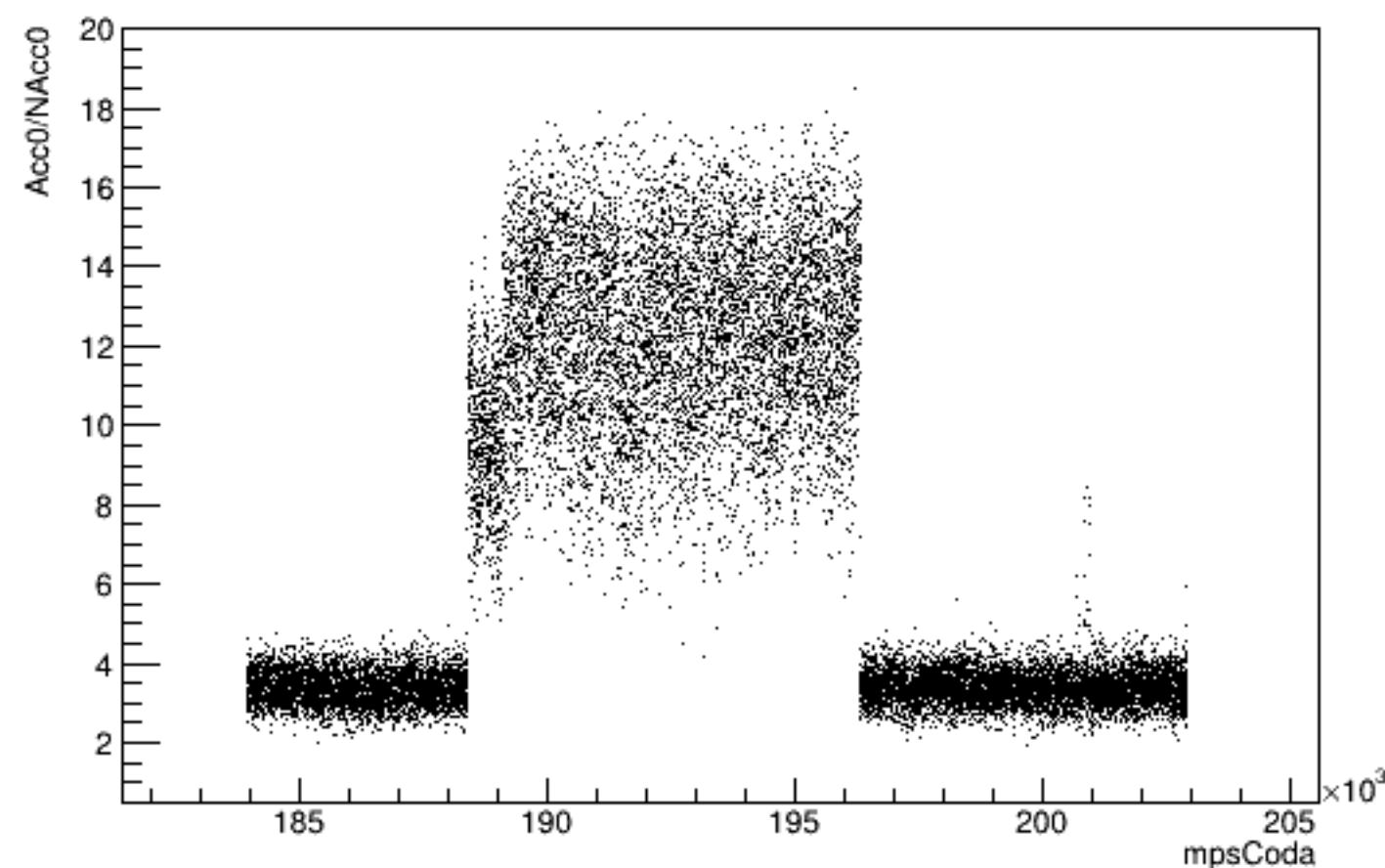
Mean: 0.0004 +/- 0.0006

Std Dev: 0.0229 +/- 0.0004

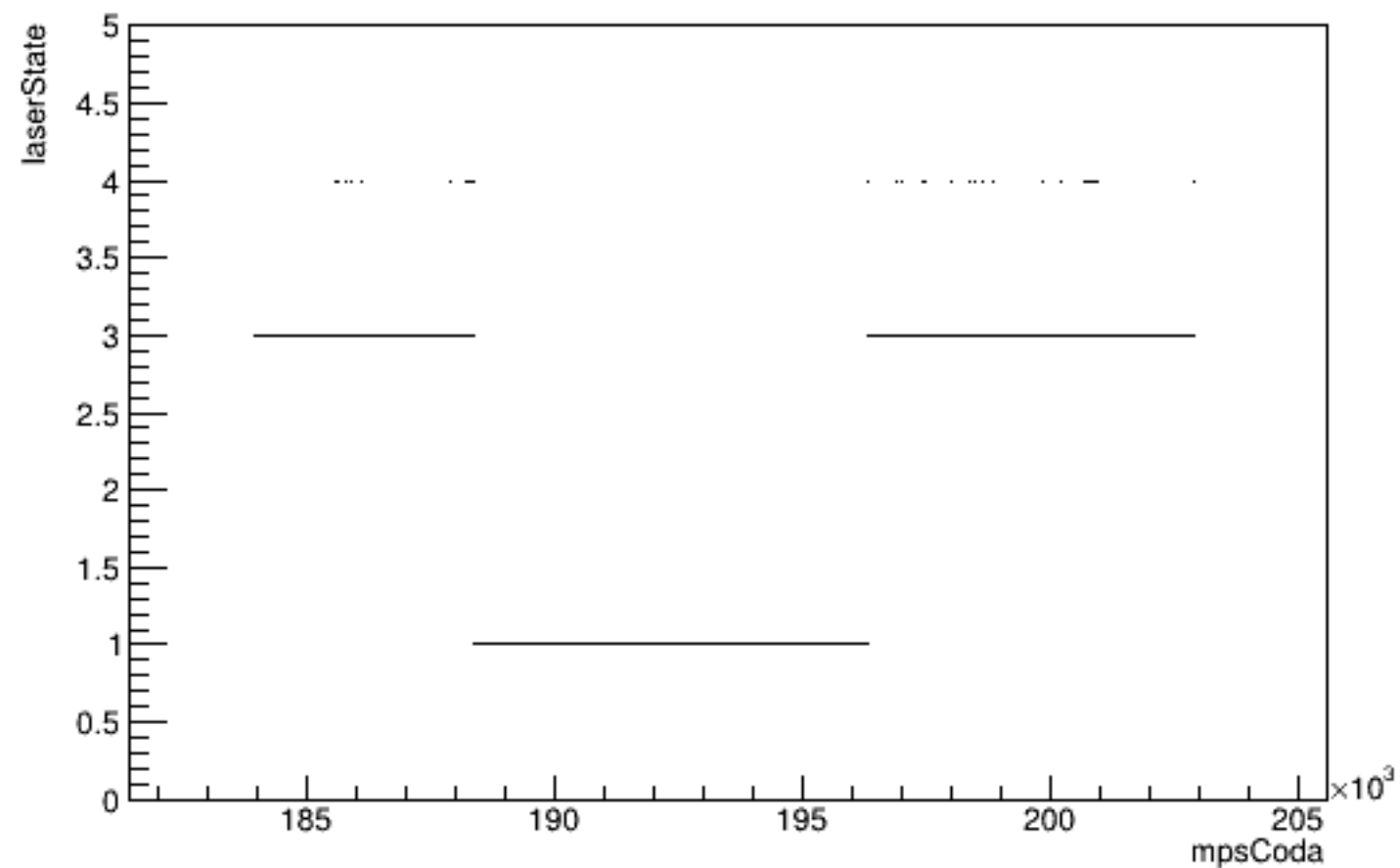
Run 5888 quartetwise, Asyms



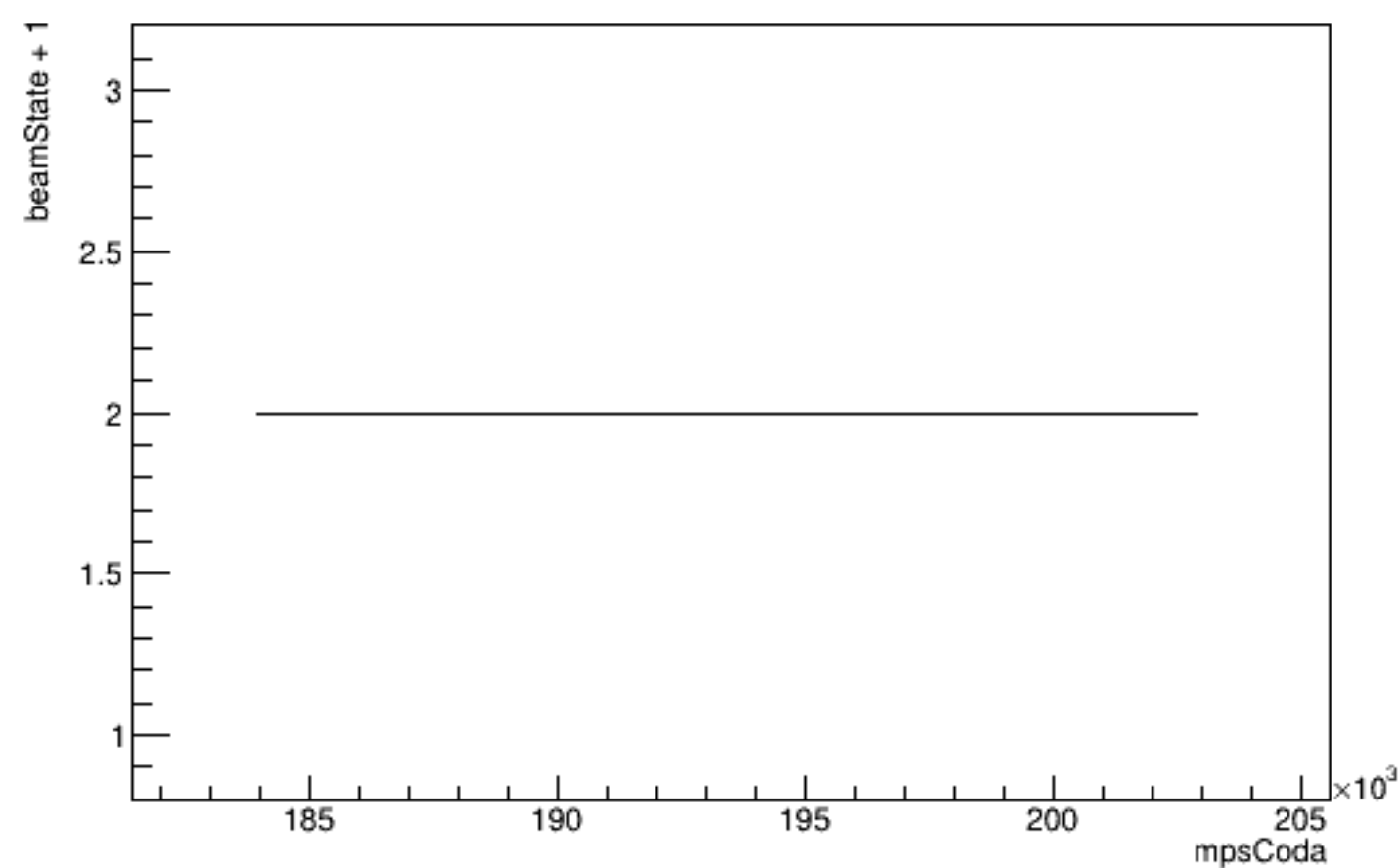
Acc0/NAcc0:mpsCoda (mpsCoda>=183932 && mpsCoda<=202911 && beamState==1)



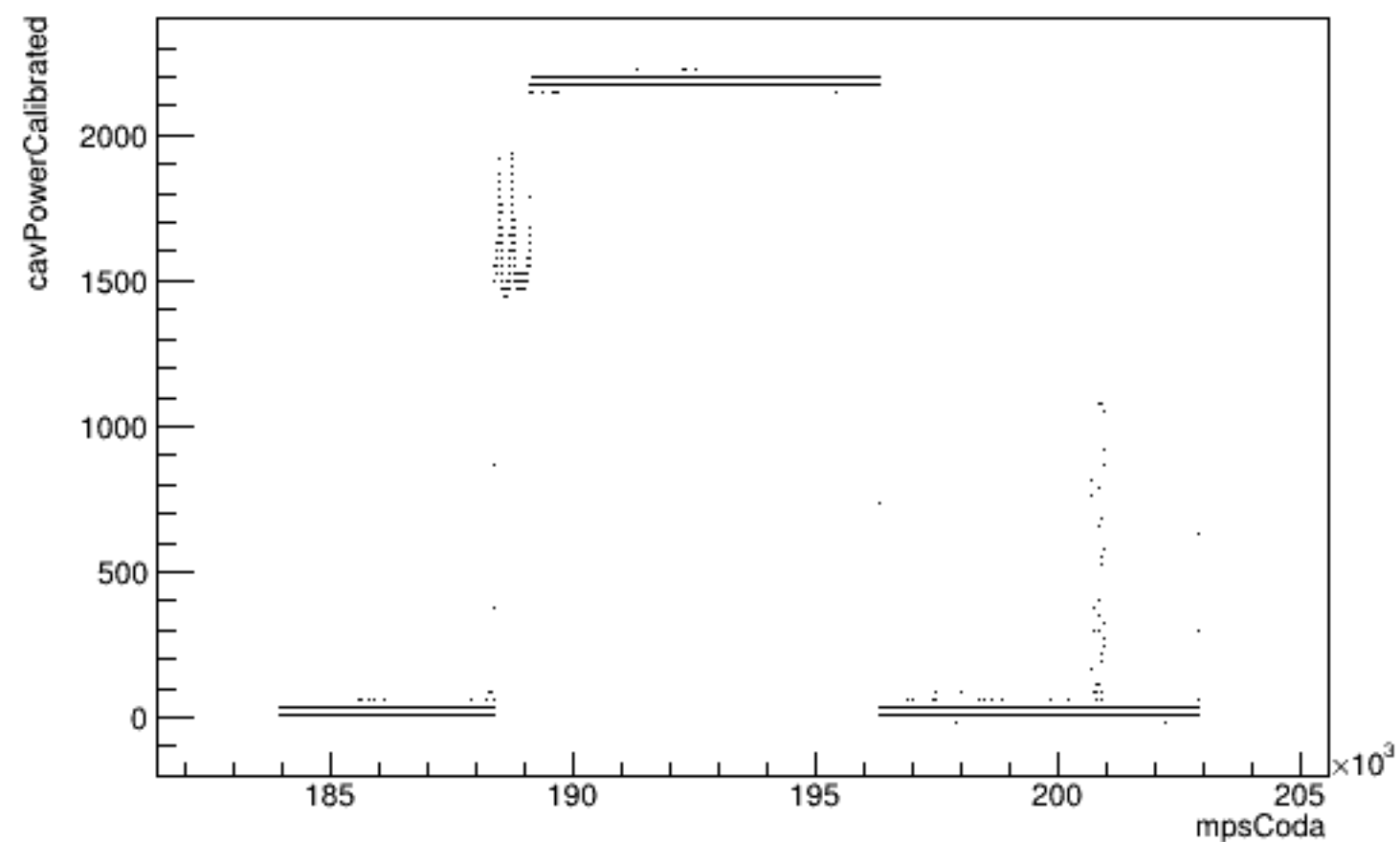
laserState:mpsCoda {mpsCoda>=183932 && mpsCoda<=202911}



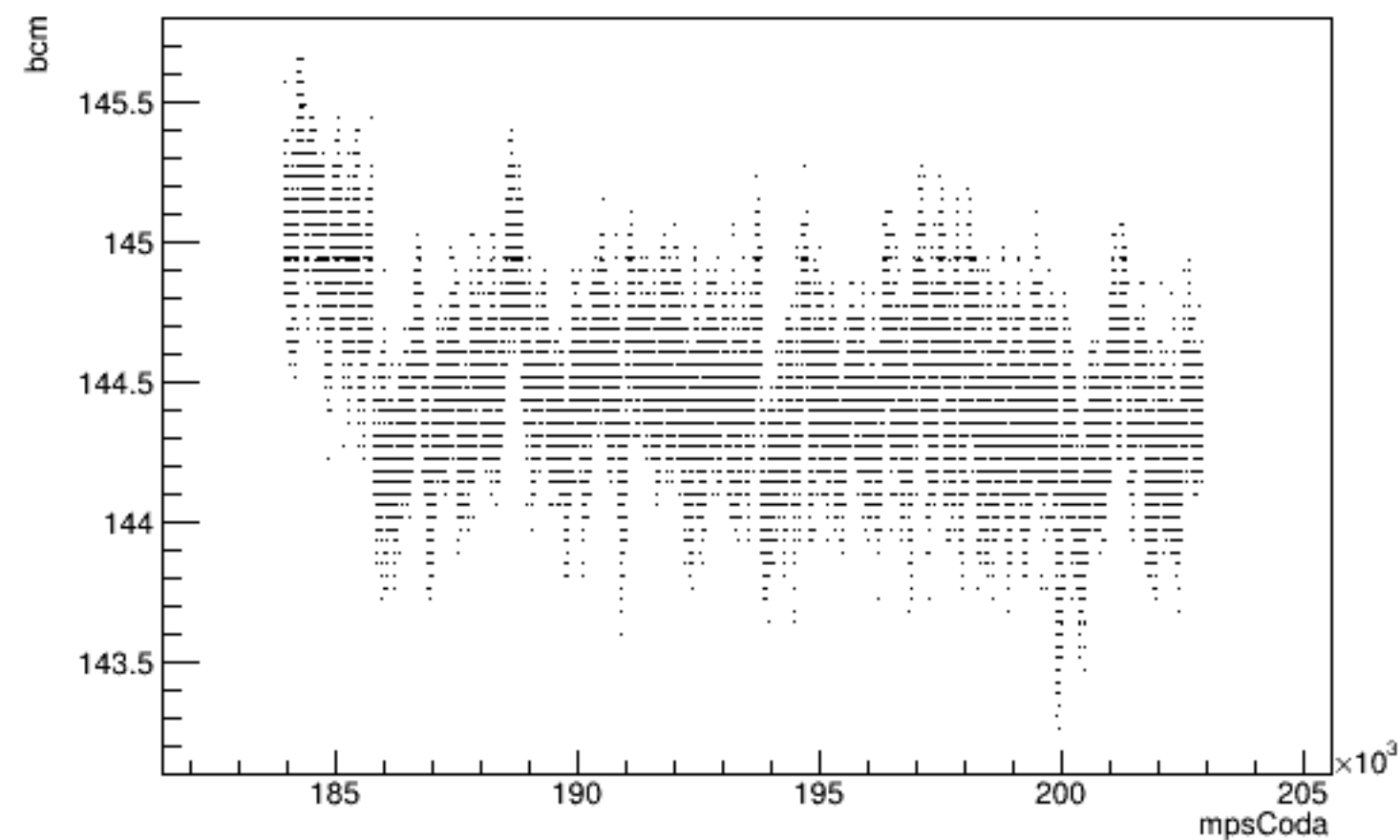
beamState + 1:mpsCoda {mpsCoda>=183932 && mpsCoda<=202911}



cavPowerCalibrated:mpsCoda {mpsCoda>=183932 && mpsCoda<=202911}



bcm:mpsCoda {mpsCoda>=183932 && mpsCoda<=202911}



Cycle 10, Diffs

Entries: 1074

Mean: 0.0064 +/- 0.0127

Std Dev: 0.4154 +/- 0.0090

Entries: 2004

Mean: -0.5116 +/- 0.0451

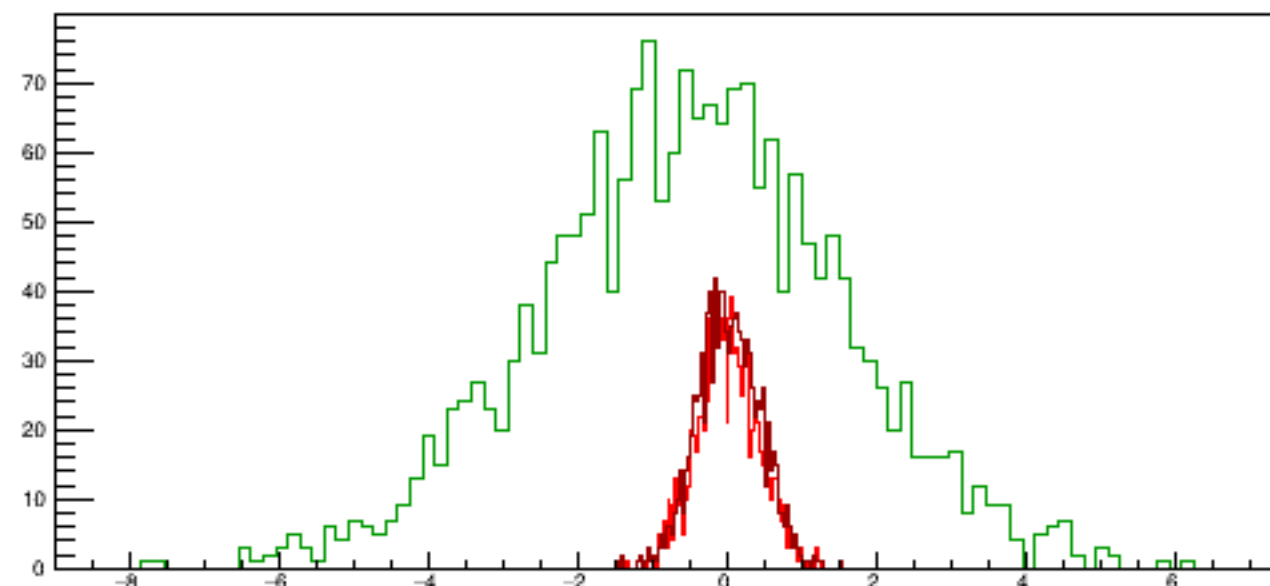
Std Dev: 2.0189 +/- 0.0319

Entries: 1106

Mean: 0.0144 +/- 0.0127

Std Dev: 0.4239 +/- 0.0090

Run 5888 quartetwise, Diffs



Cycle 10, Sums

Entries: 1074

Mean: 6.8210 +/- 0.0134

Std Dev: 0.4380 +/- 0.0095

Entries: 2004

Mean: 23.2308 +/- 0.0660

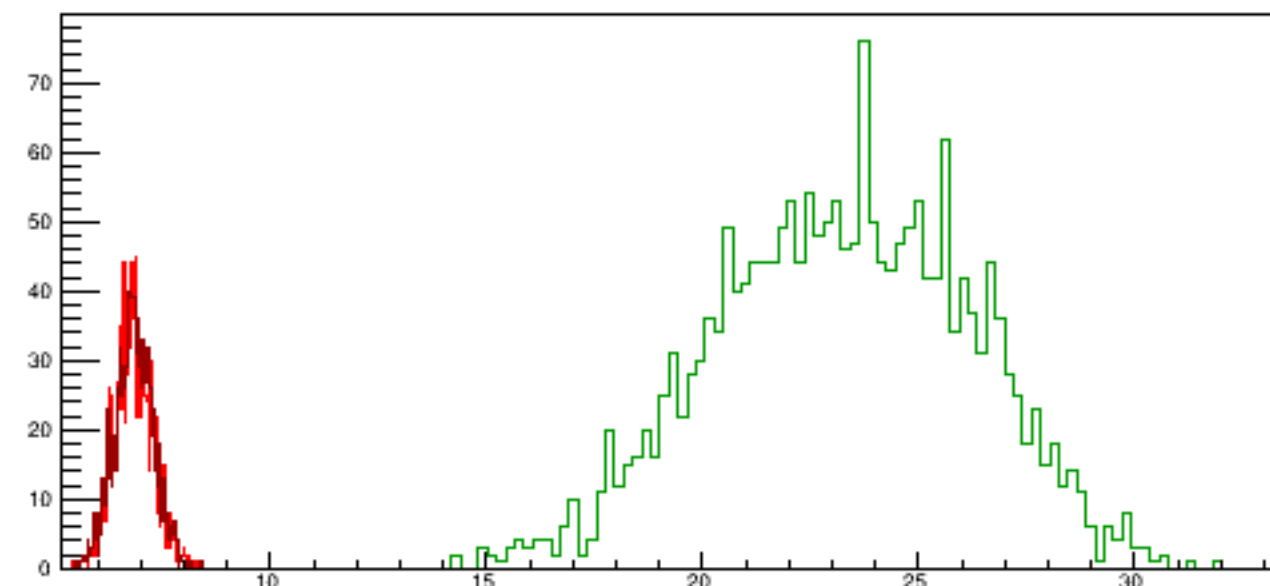
Std Dev: 2.9561 +/- 0.0467

Entries: 1106

Mean: 6.8394 +/- 0.0133

Std Dev: 0.4418 +/- 0.0094

Run 5888 quartetwise, Sums



Cycle 10, Asyms

Entries: 1074

Mean: 0.0004 +/- 0.0008

Std Dev: 0.0253 +/- 0.0005

Entries: 2004

Mean: -0.0305 +/- 0.0028

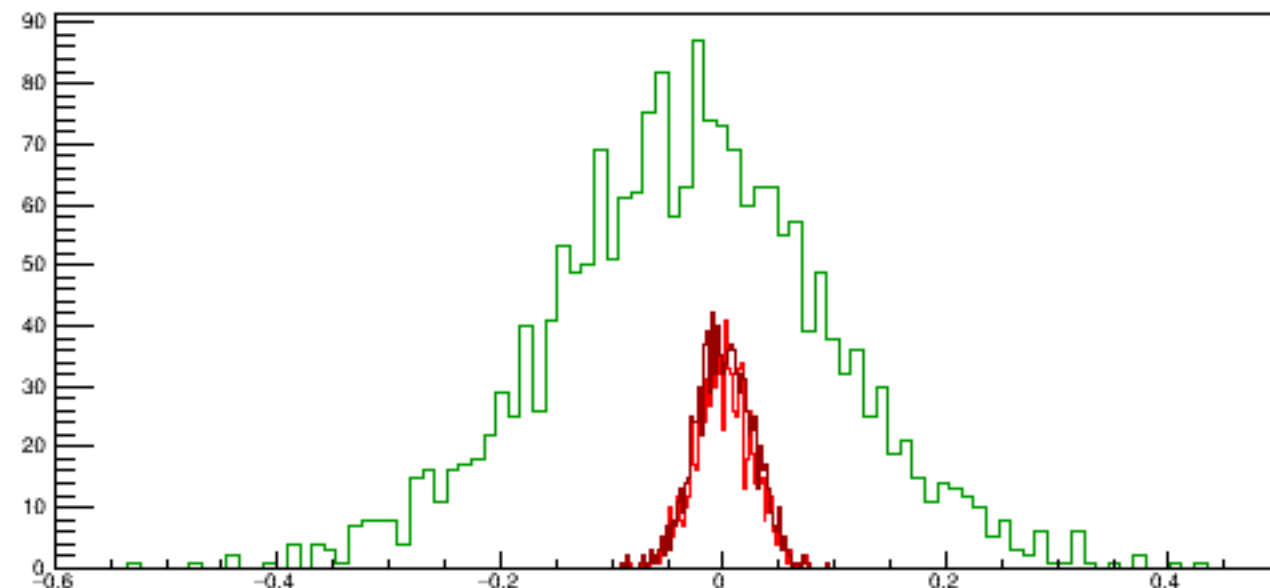
Std Dev: 0.1271 +/- 0.0020

Entries: 1106

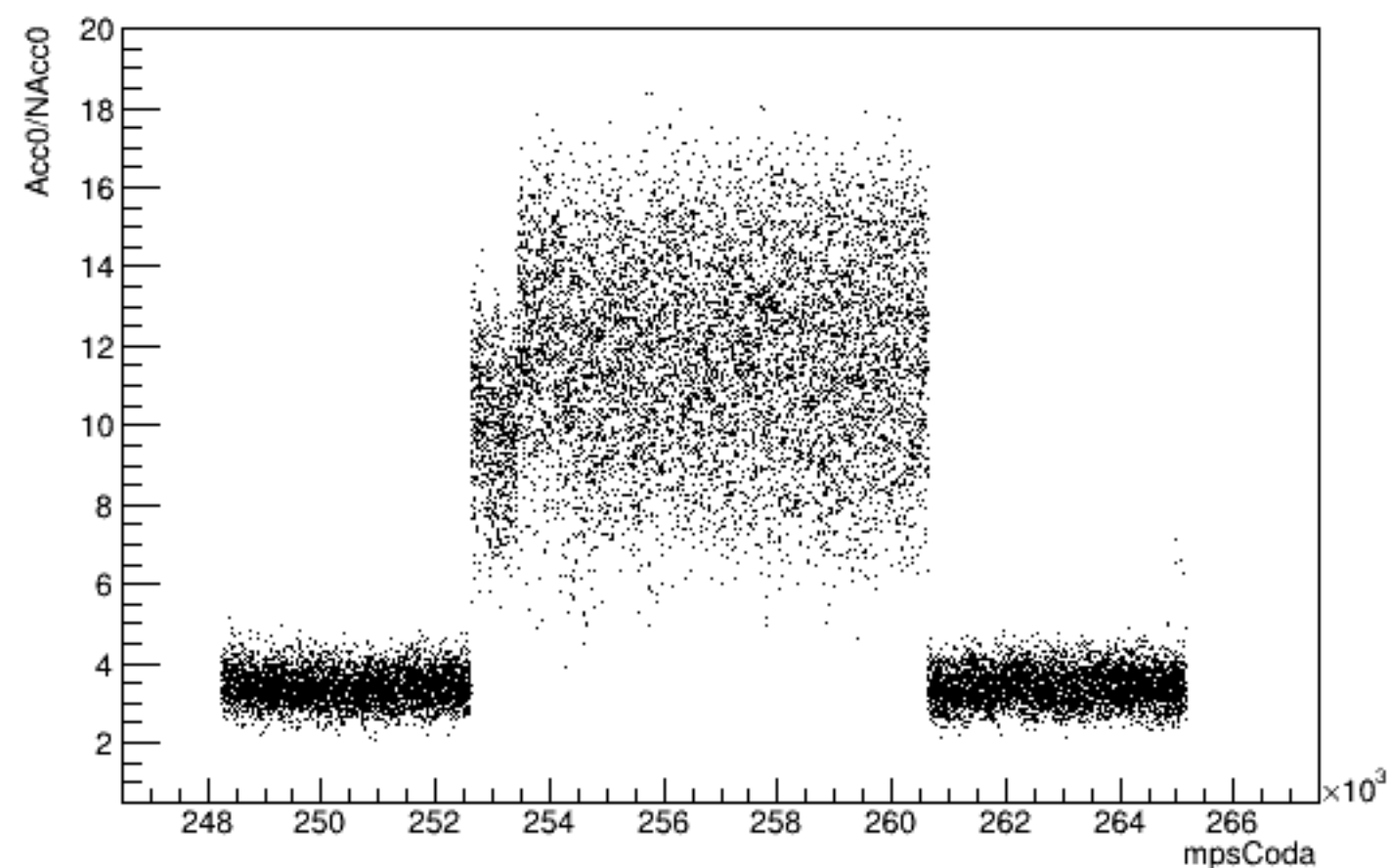
Mean: 0.0009 +/- 0.0008

Std Dev: 0.0258 +/- 0.0005

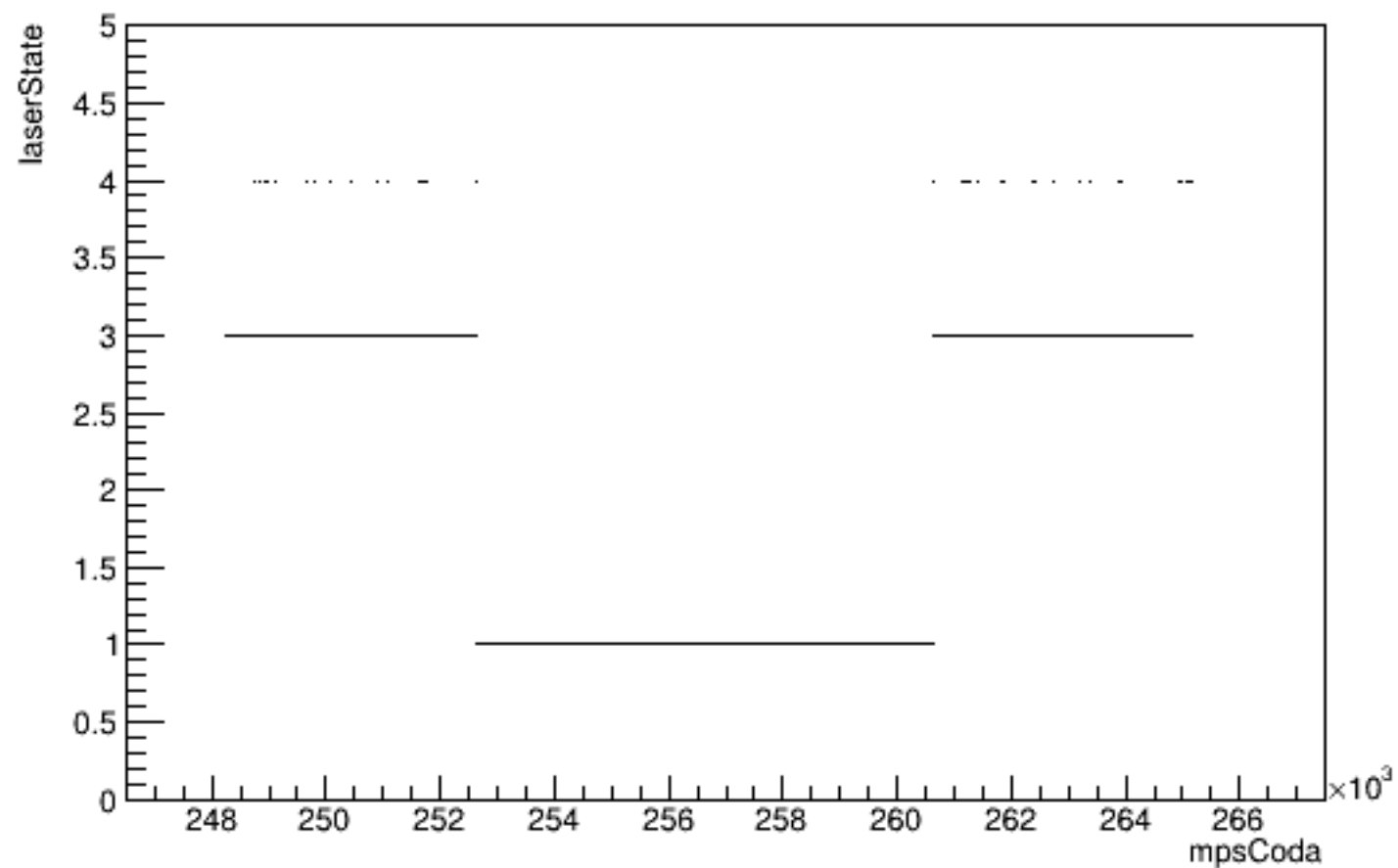
Run 5888 quartetwise, Asyms



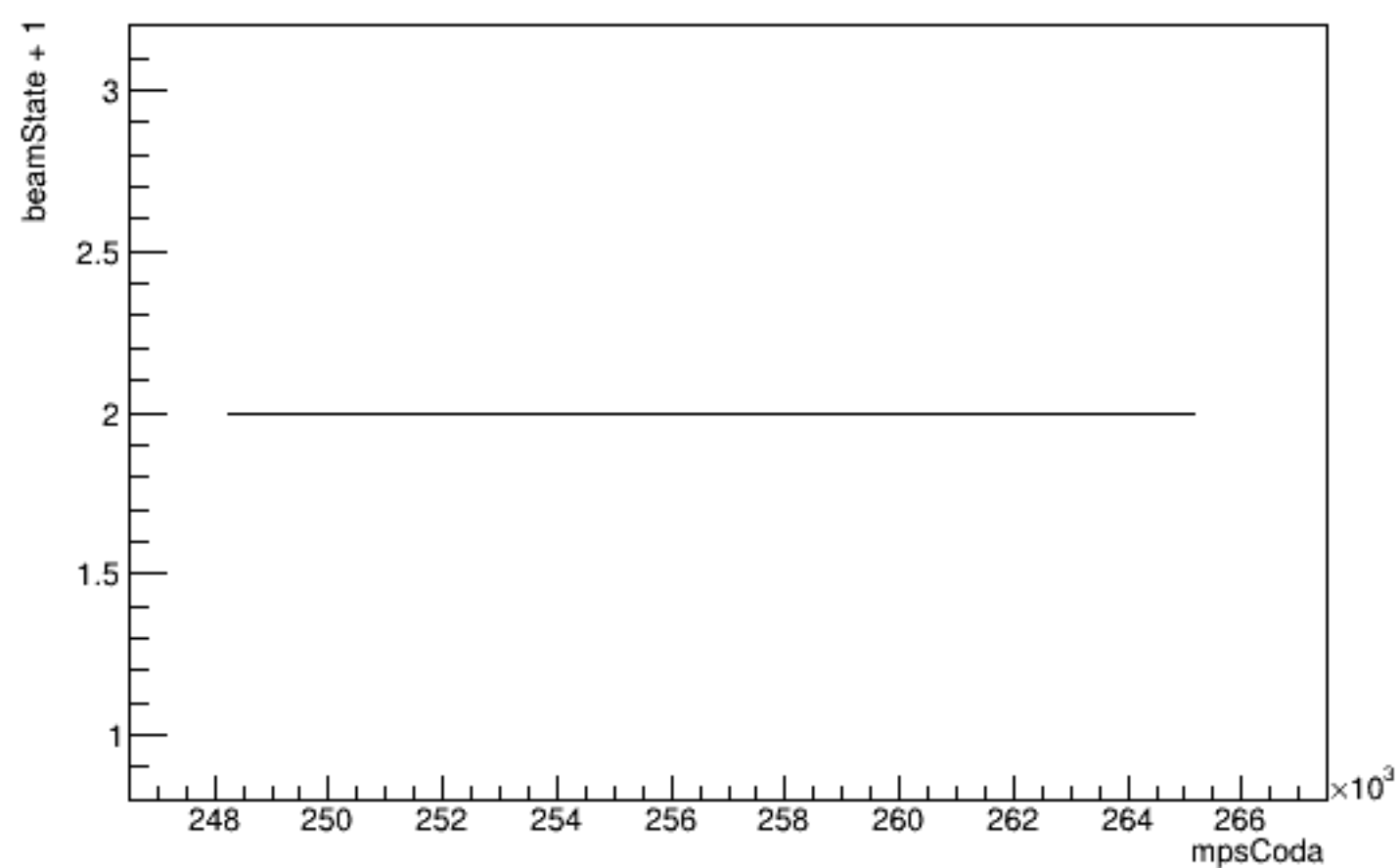
Acc0/NAcc0:mpsCoda (mpsCoda>=248256 && mpsCoda<=265155 && beamState==1)



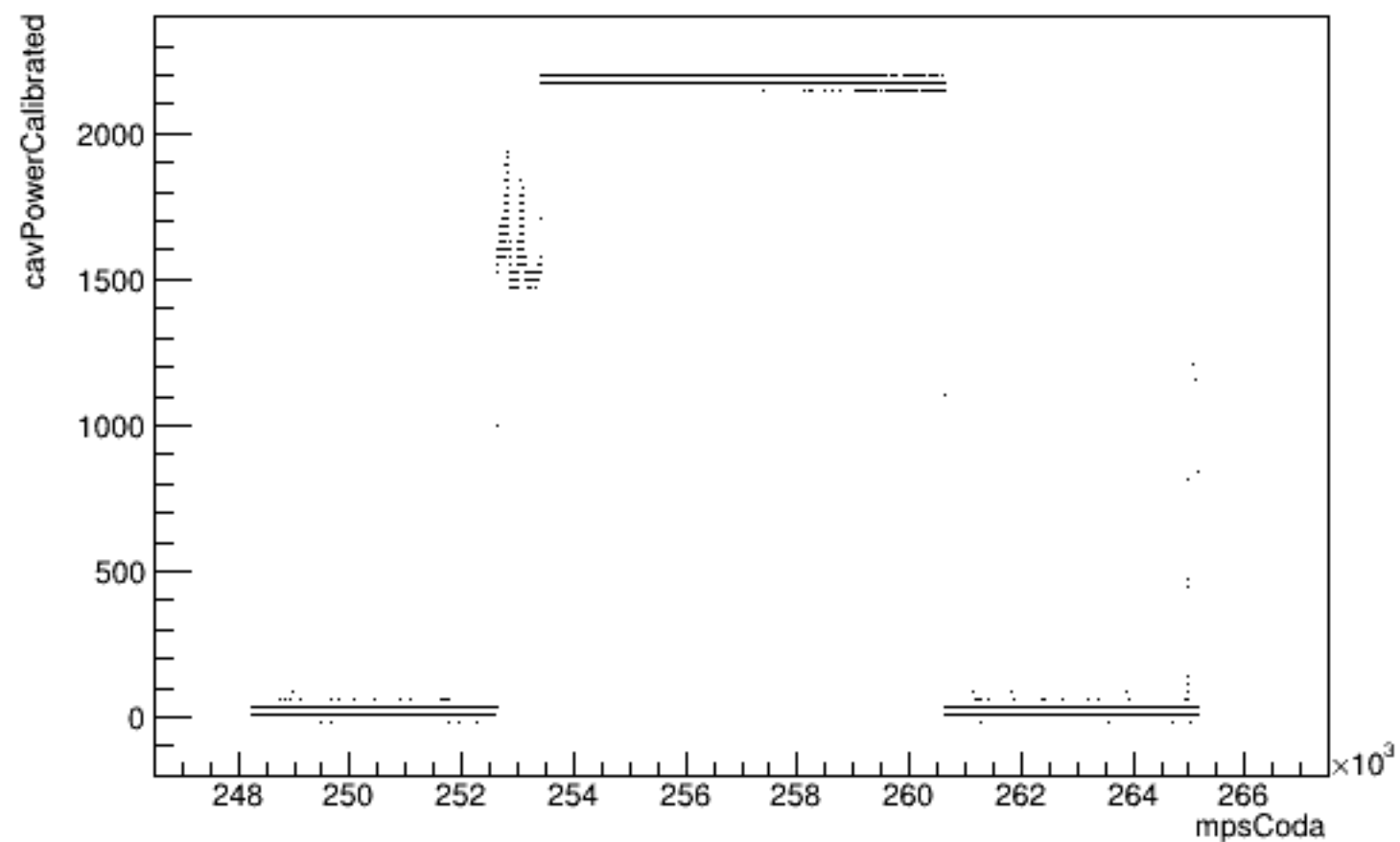
laserState:mpsCoda {mpsCoda>=248256 && mpsCoda<=265155}



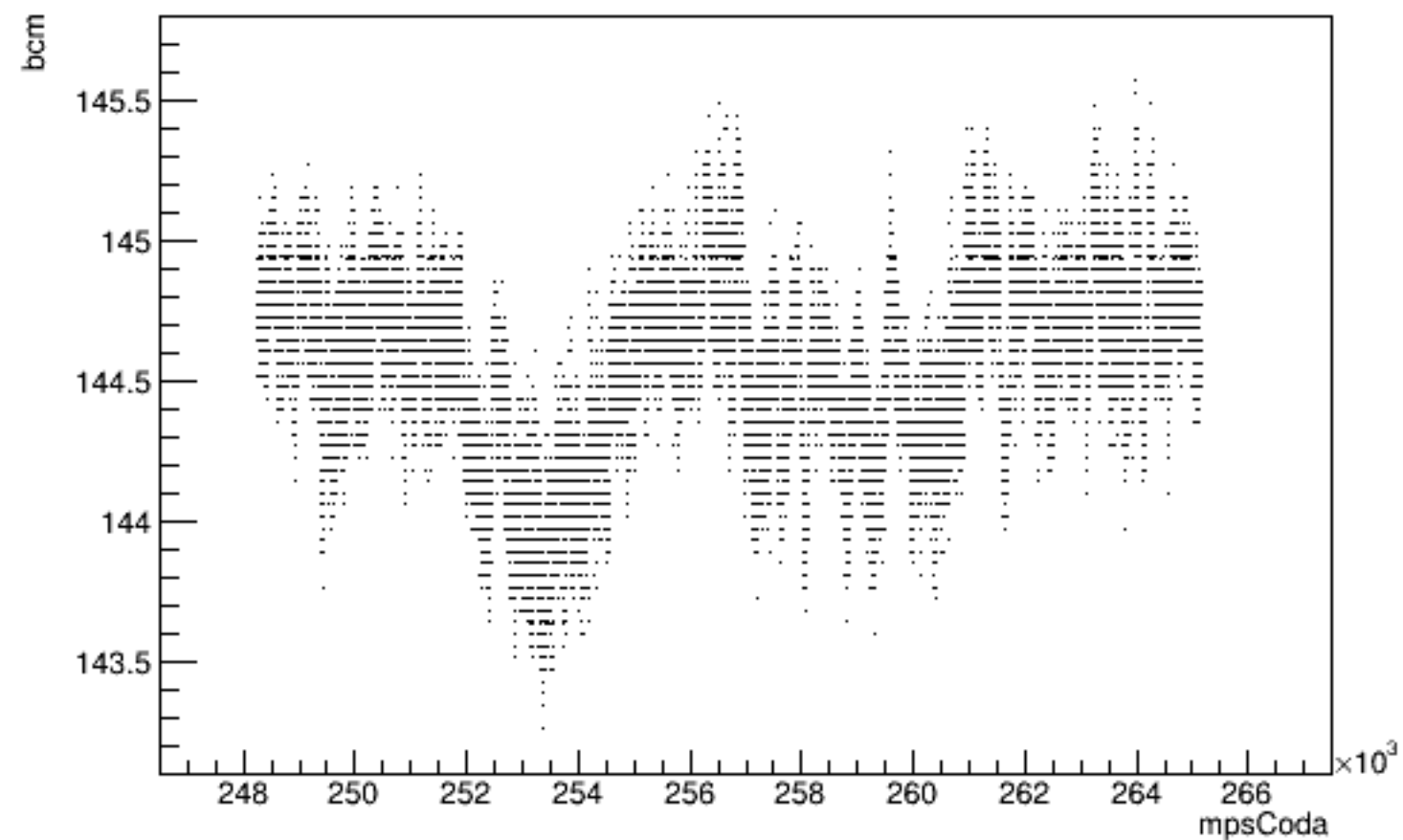
beamState + 1:mpsCoda {mpsCoda>=248256 && mpsCoda<=265155}



cavPowerCalibrated:mpsCoda {mpsCoda>=248256 && mpsCoda<=265155}



bcm:mpsCoda {mpsCoda>=248256 && mpsCoda<=265155}



Cycle 11, Diffs

Entries: 1106

Mean: 0.0144 +/- 0.0127

Std Dev: 0.4239 +/- 0.0090

Entries: 1963

Mean: -0.4725 +/- 0.0463

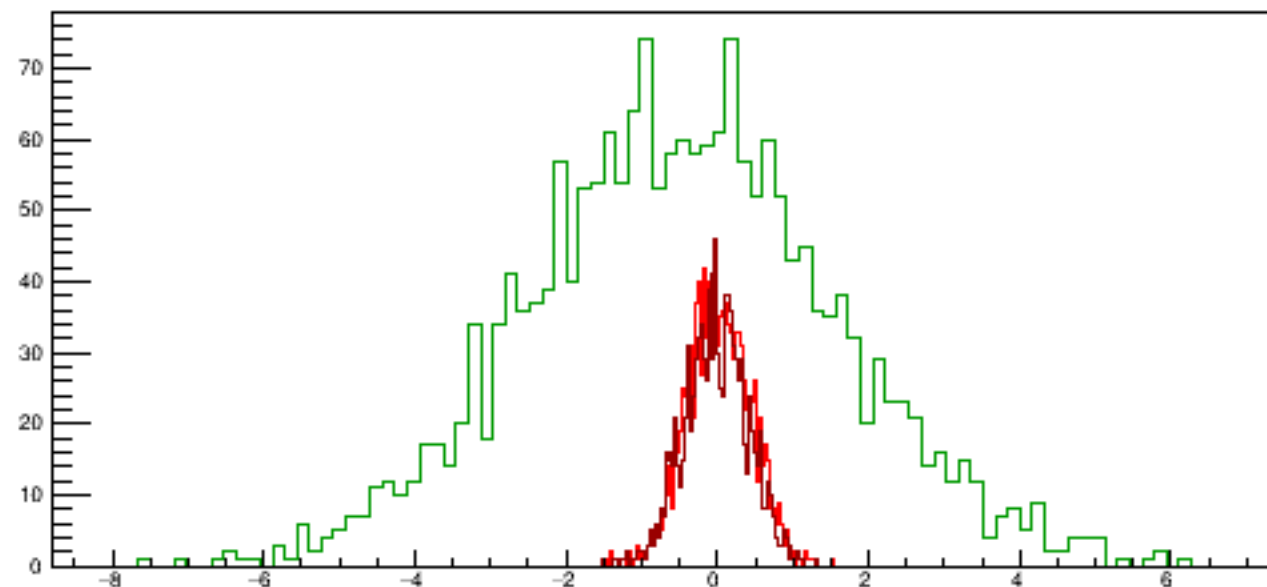
Std Dev: 2.0499 +/- 0.0327

Entries: 1102

Mean: -0.0175 +/- 0.0126

Std Dev: 0.4199 +/- 0.0089

Run 5888 quartetwise, Diffs



Cycle 11, Sums

Entries: 1106

Mean: 6.8394 +/- 0.0133

Std Dev: 0.4418 +/- 0.0094

Entries: 1963

Mean: 23.5675 +/- 0.0680

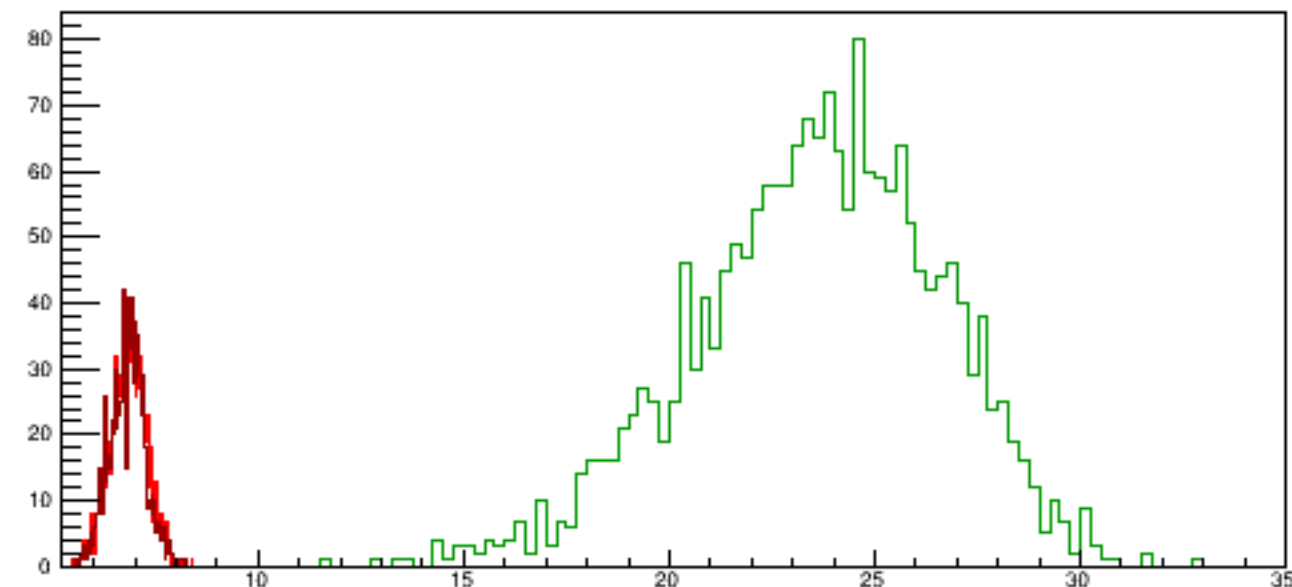
Std Dev: 3.0111 +/- 0.0481

Entries: 1102

Mean: 6.8227 +/- 0.0130

Std Dev: 0.4310 +/- 0.0092

Run 5888 quartetwise, Sums



Cycle 11, Asyms

Entries: 1106

Mean: 0.0009 +/- 0.0008

Std Dev: 0.0253 +/- 0.0005

Entries: 1963

Mean: -0.0279 +/- 0.0029

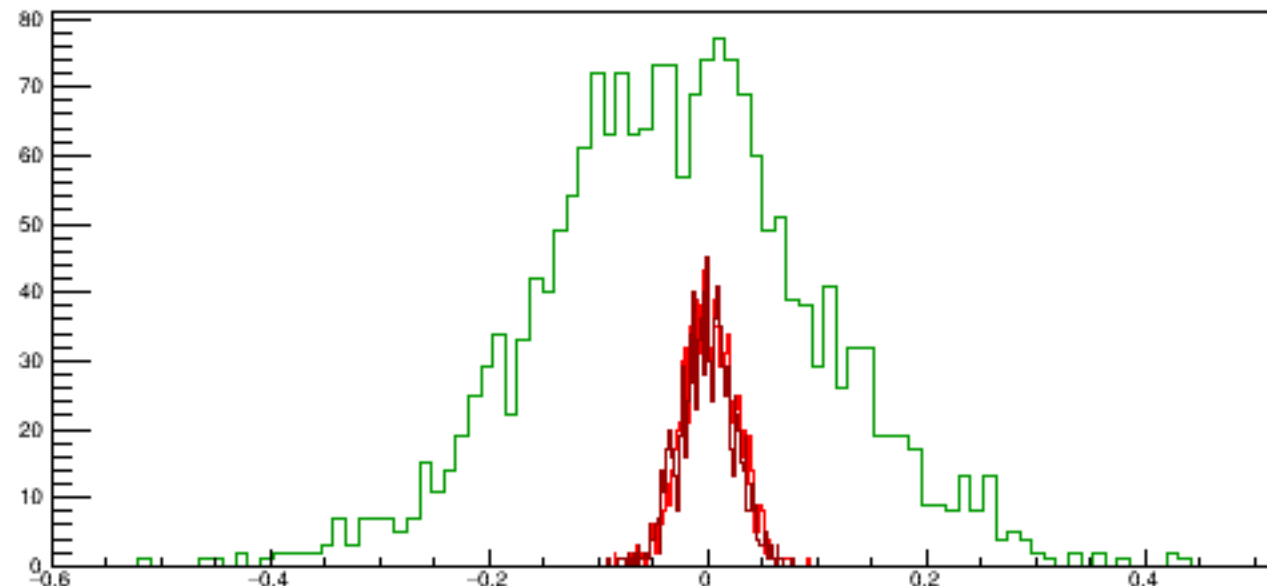
Std Dev: 0.1279 +/- 0.0020

Entries: 1102

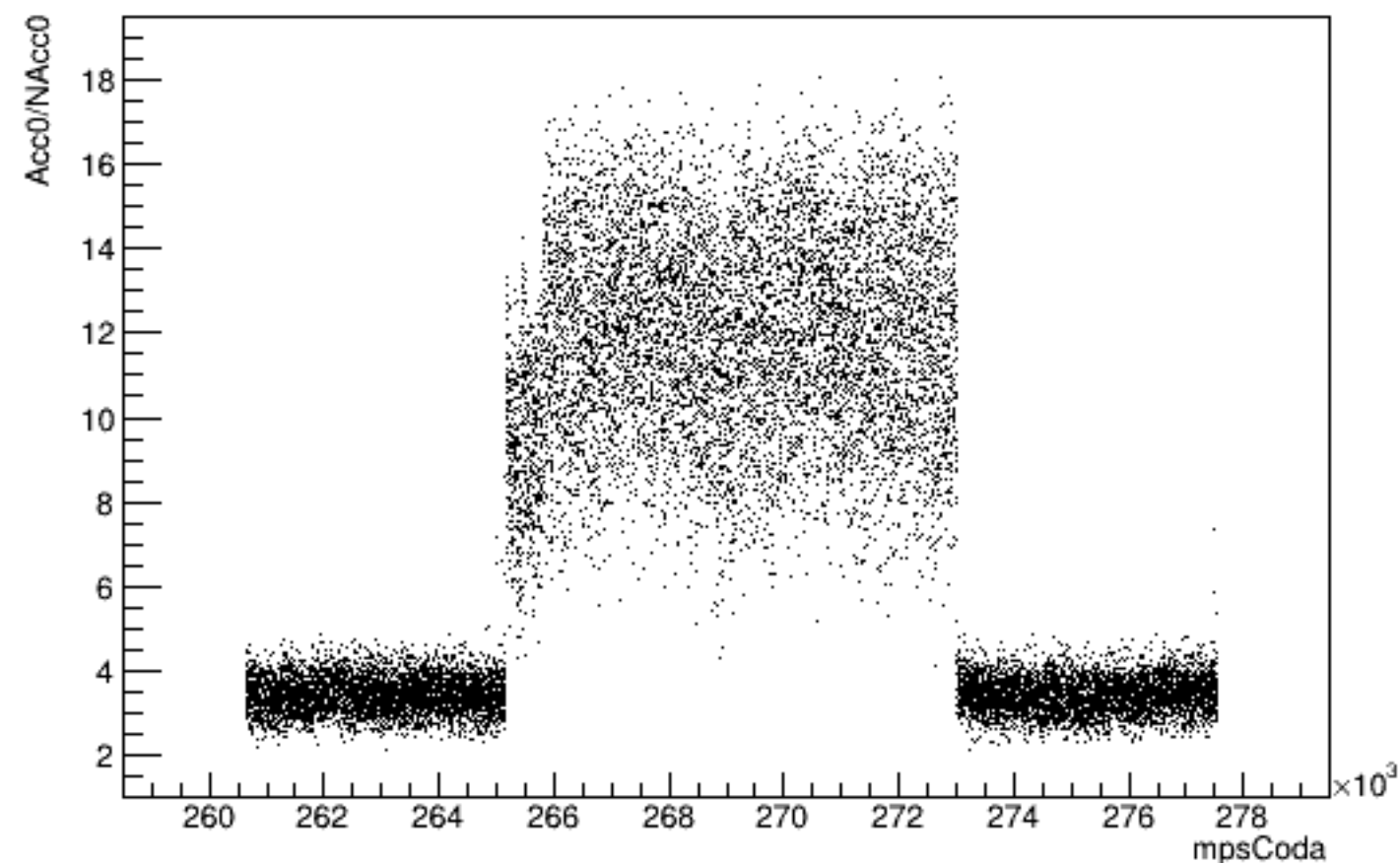
Mean: -0.0010 +/- 0.0008

Std Dev: 0.0251 +/- 0.0005

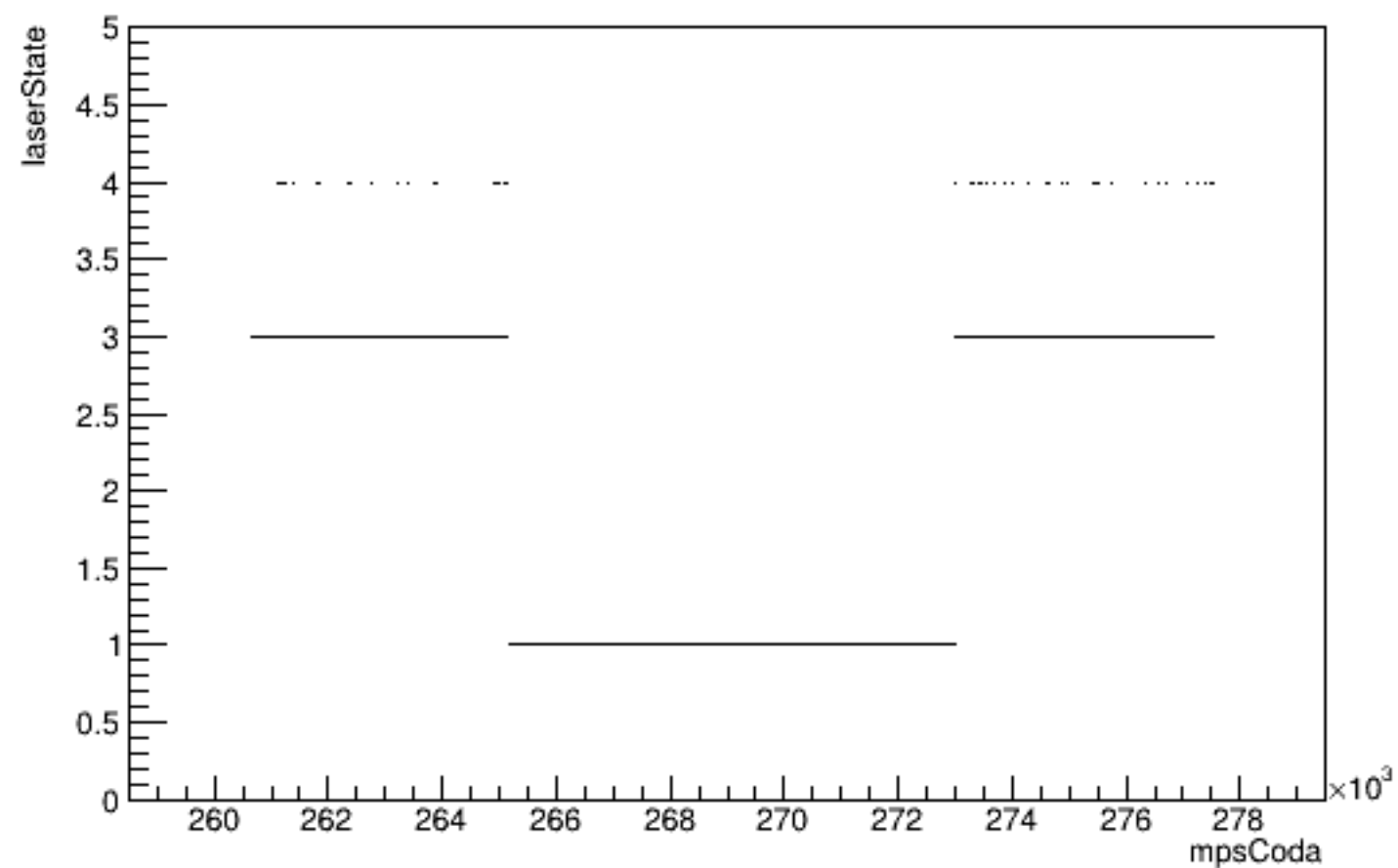
Run 5888 quartetwise, Asyms



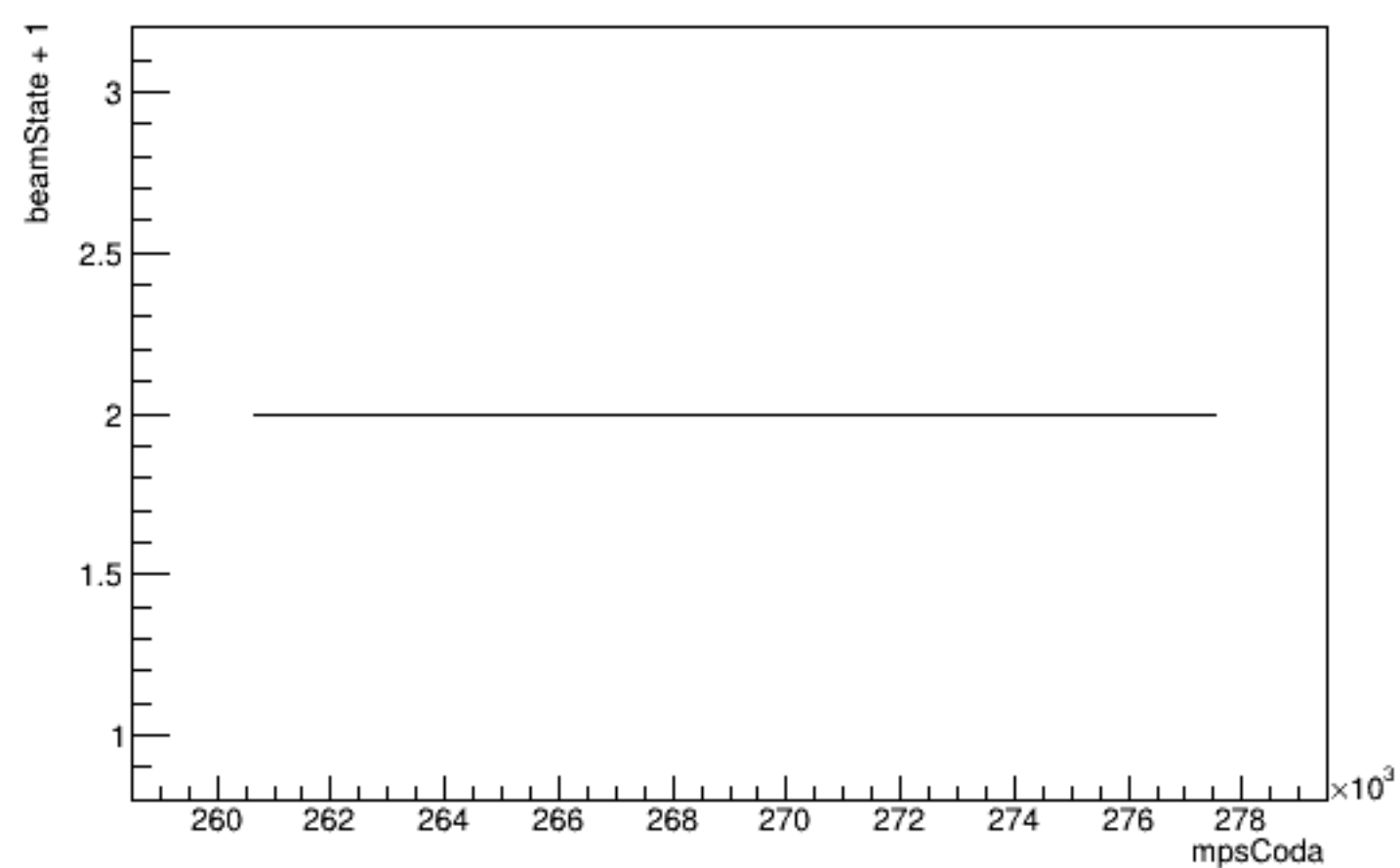
Acc0/NAcc0:mpsCoda (mpsCoda>=260636 && mpsCoda<=277539 && beamState==1)



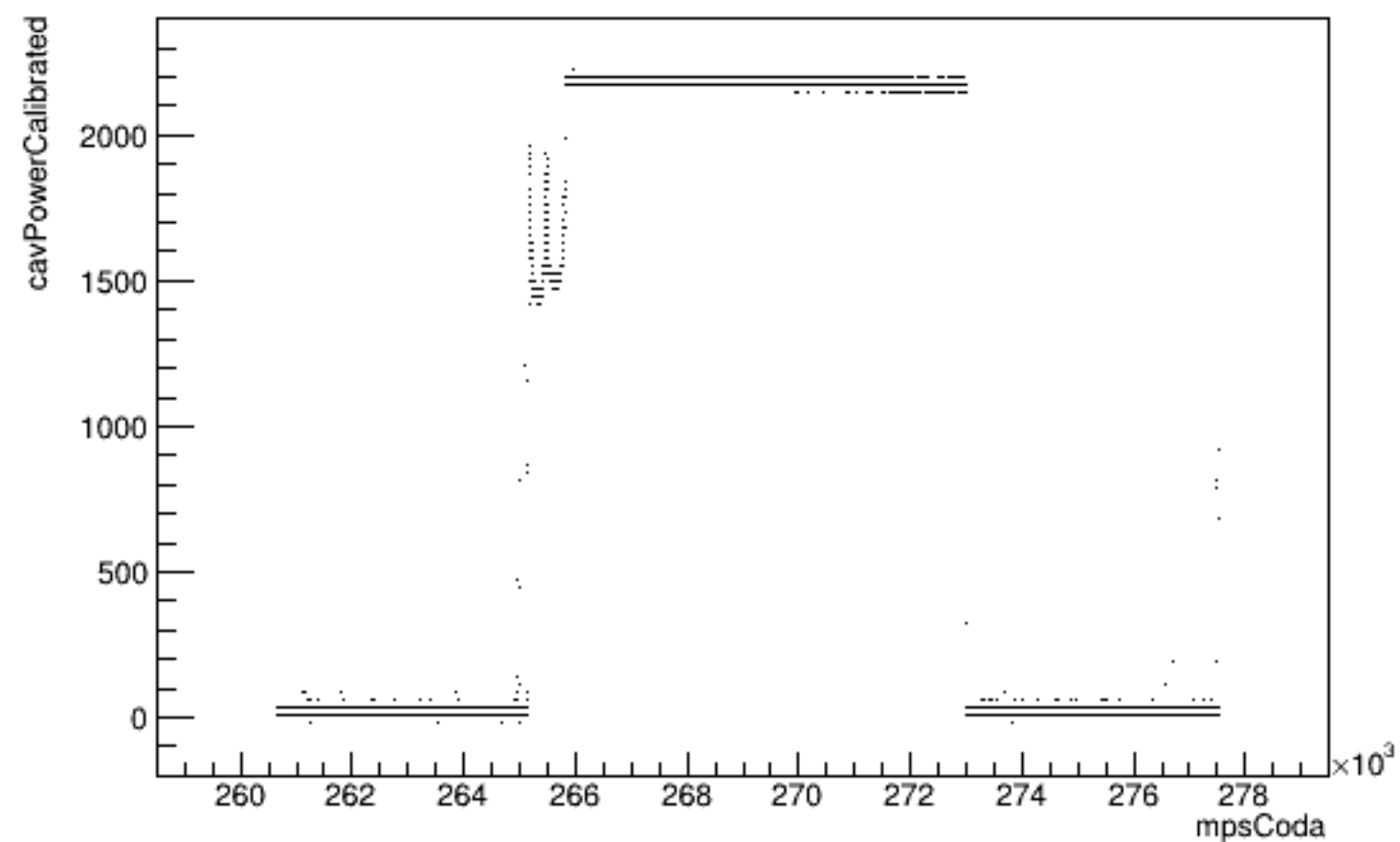
laserState:mpsCoda {mpsCoda>=260636 && mpsCoda<=277539}



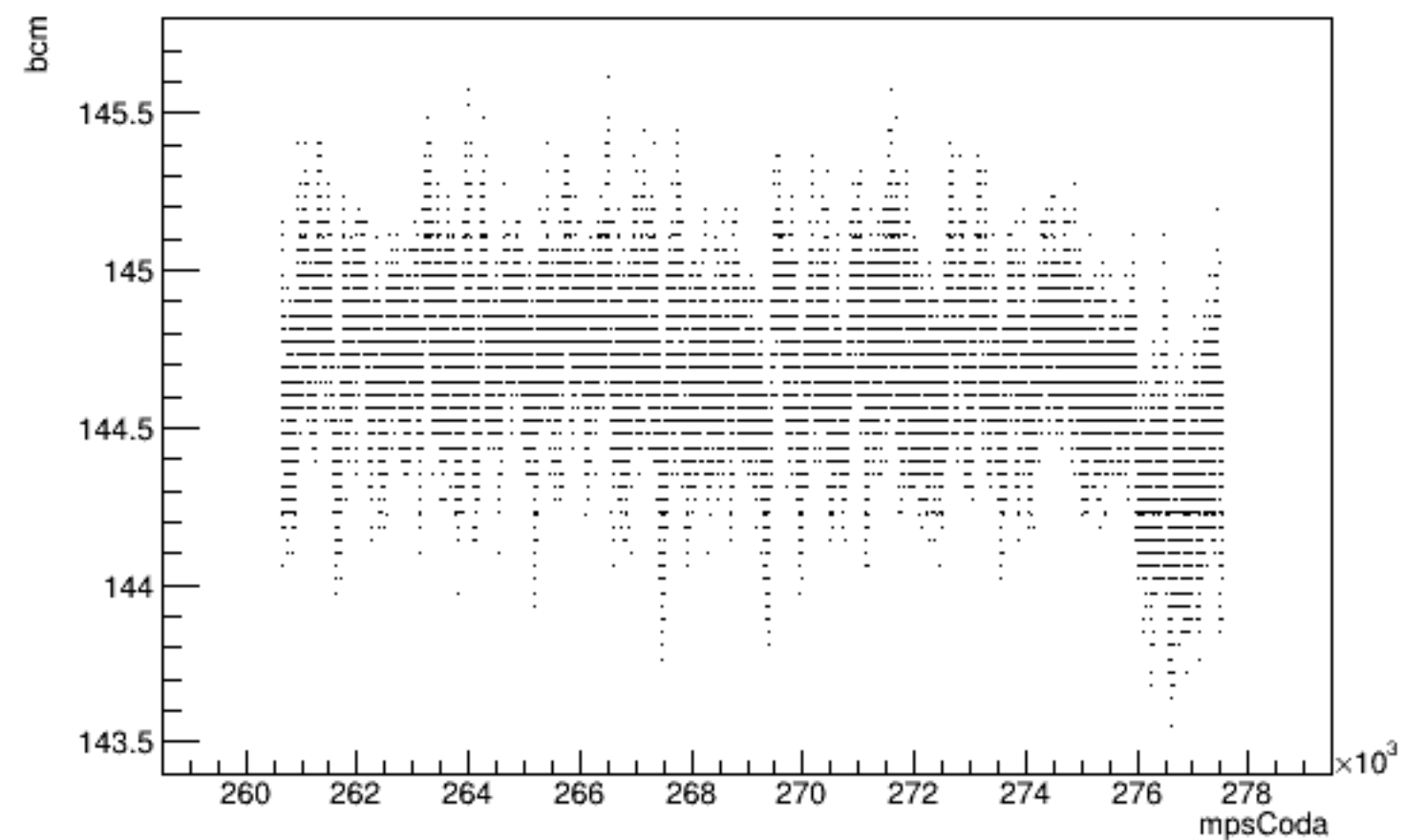
beamState + 1:mpsCoda {mpsCoda>=260636 && mpsCoda<=277539}



cavPowerCalibrated:mpsCoda {mpsCoda>=260636 && mpsCoda<=277539}



bcm:mpsCoda {mpsCoda>=260636 && mpsCoda<=277539}



Cycle 12, Diffs

Entries: 1102

Mean: -0.0175 +/- 0.0126

Std Dev: 0.4199 +/- 0.0089

Entries: 1235

Mean: -0.5346 +/- 0.0631

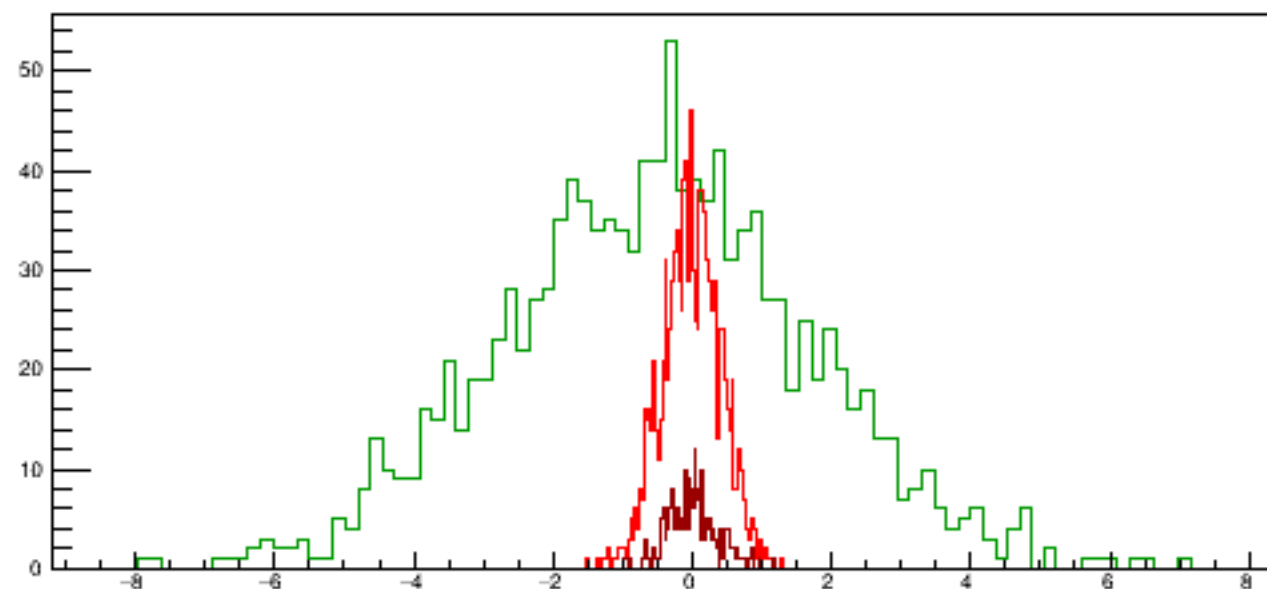
Std Dev: 2.2179 +/- 0.0446

Entries: 231

Mean: -0.0011 +/- 0.0235

Std Dev: 0.3574 +/- 0.0166

Run 5888 quartetwise, Diffs



Cycle 12, Sums

Entries: 1102

Mean: 6.8227 +/- 0.0130

Std Dev: 0.4310 +/- 0.0092

Entries: 1235

Mean: 22.8146 +/- 0.0926

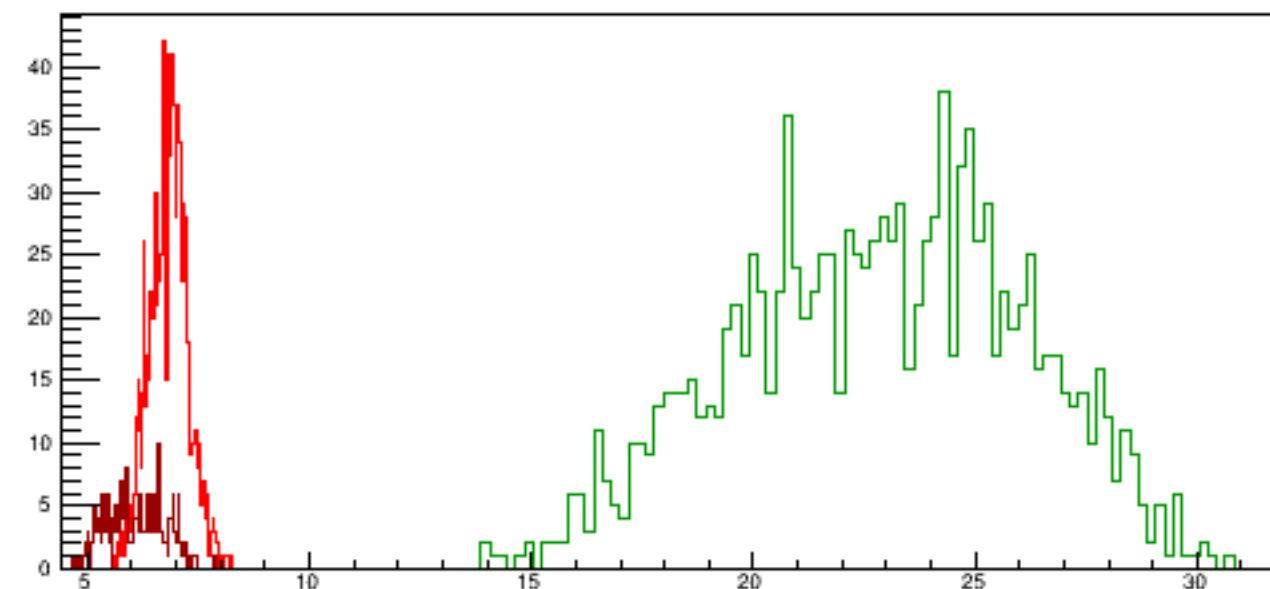
Std Dev: 3.2548 +/- 0.0655

Entries: 231

Mean: 6.1003 +/- 0.0427

Std Dev: 0.6488 +/- 0.0302

Run 5888 quartetwise, Sums



Cycle 12, Asyms

Entries: 1102

Mean: -0.0011 +/- 0.0008

Std Dev: 0.0257 +/- 0.0005

Entries: 1235

Mean: -0.0309 +/- 0.0039

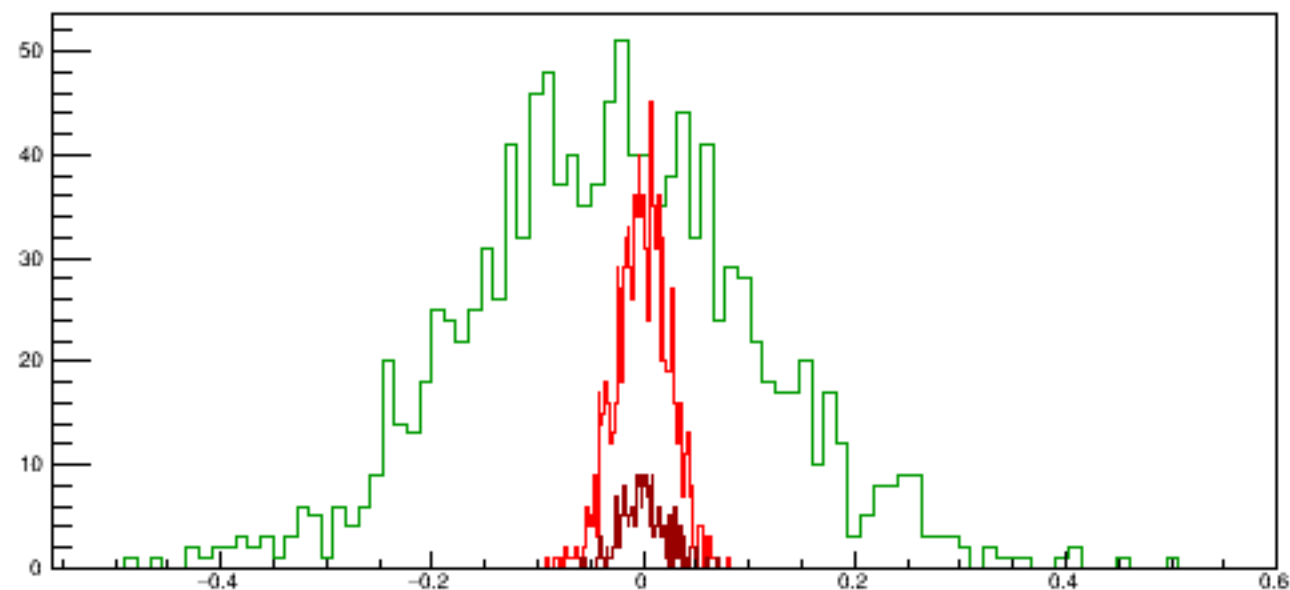
Std Dev: 0.1379 +/- 0.0028

Entries: 231

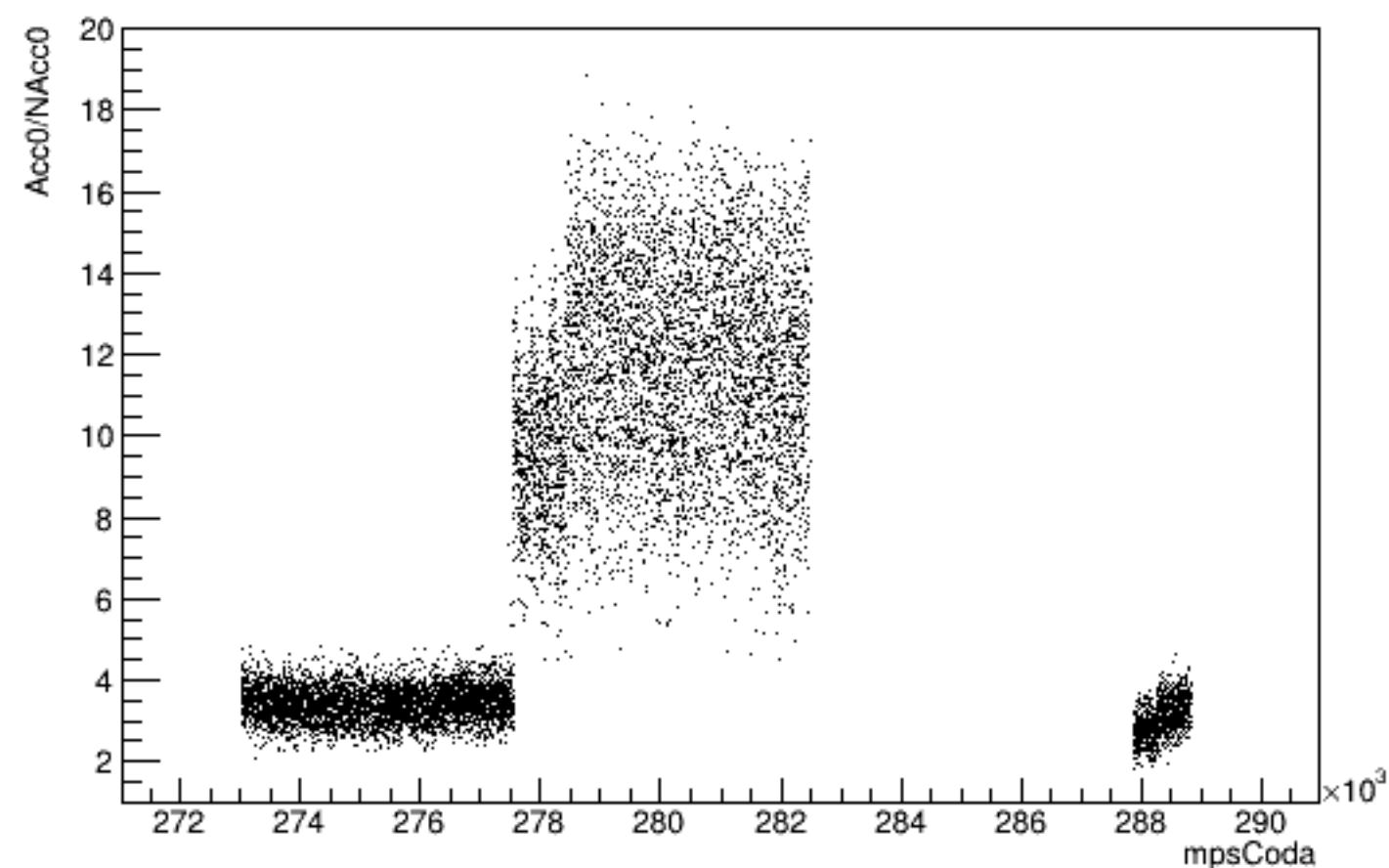
Mean: -0.0001 +/- 0.0014

Std Dev: 0.0219 +/- 0.0010

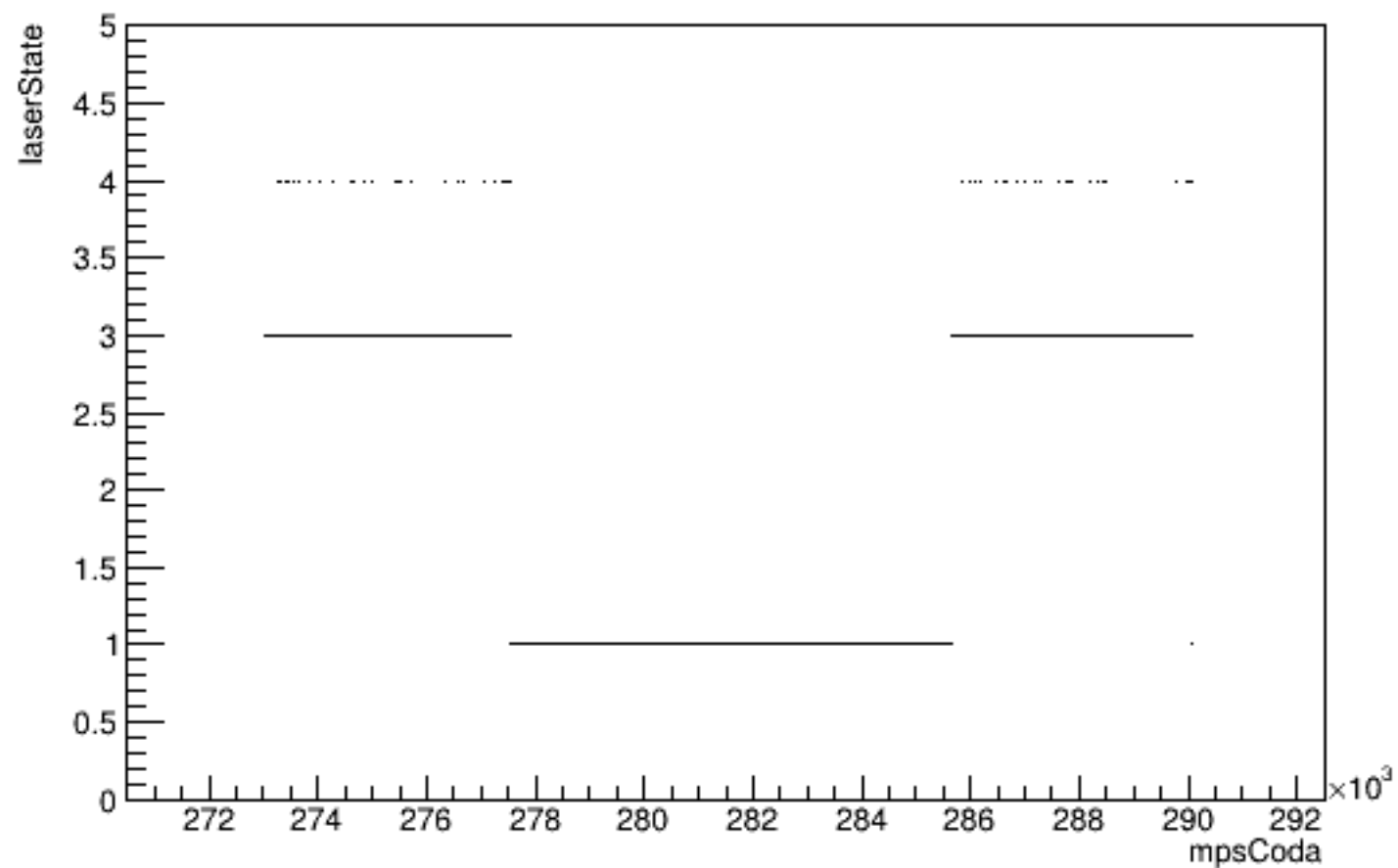
Run 5888 quartetwise, Asyms



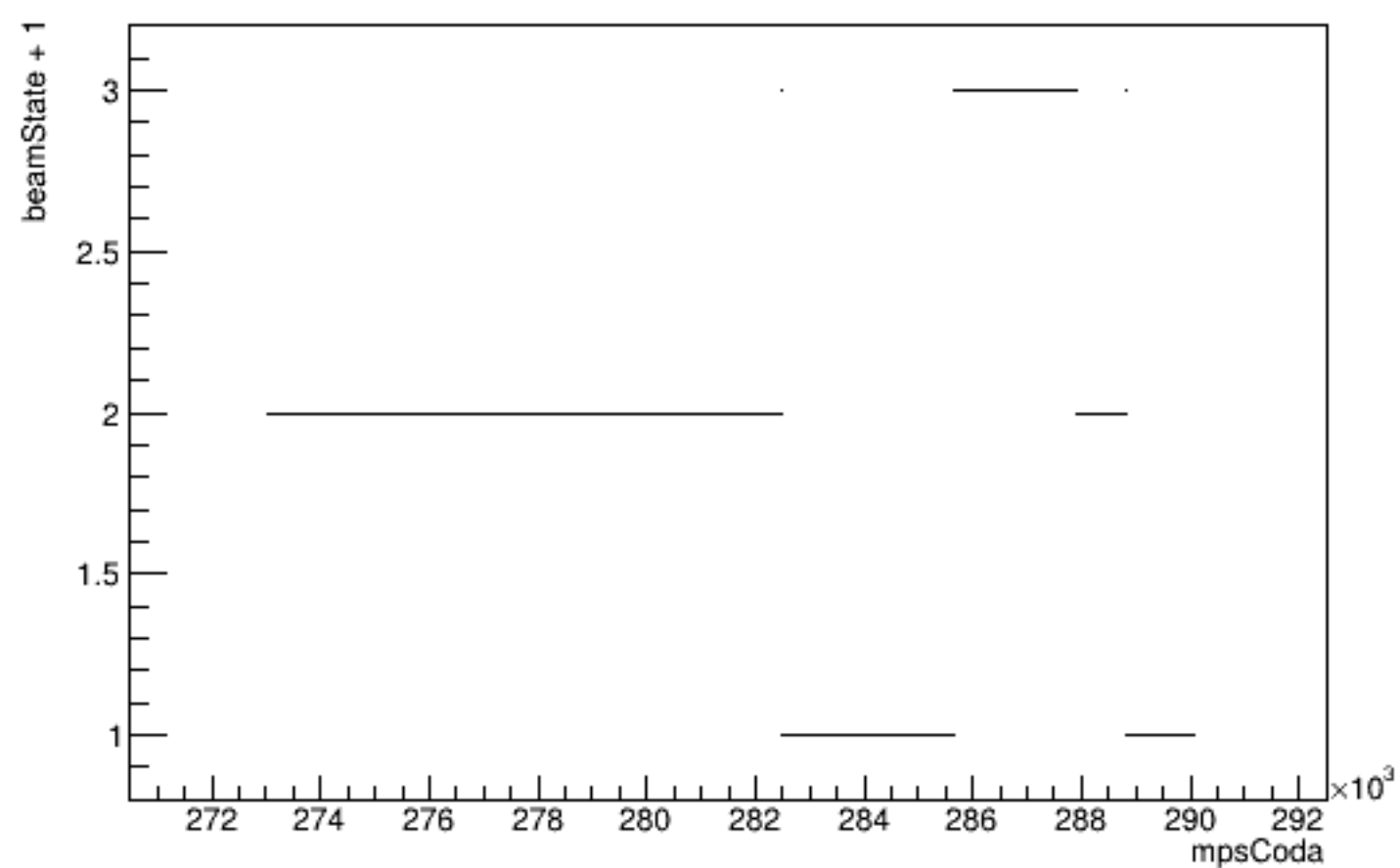
Acc0/NAcc0:mpsCoda (mpsCoda>=273016 && mpsCoda<=290087 && beamState==1)



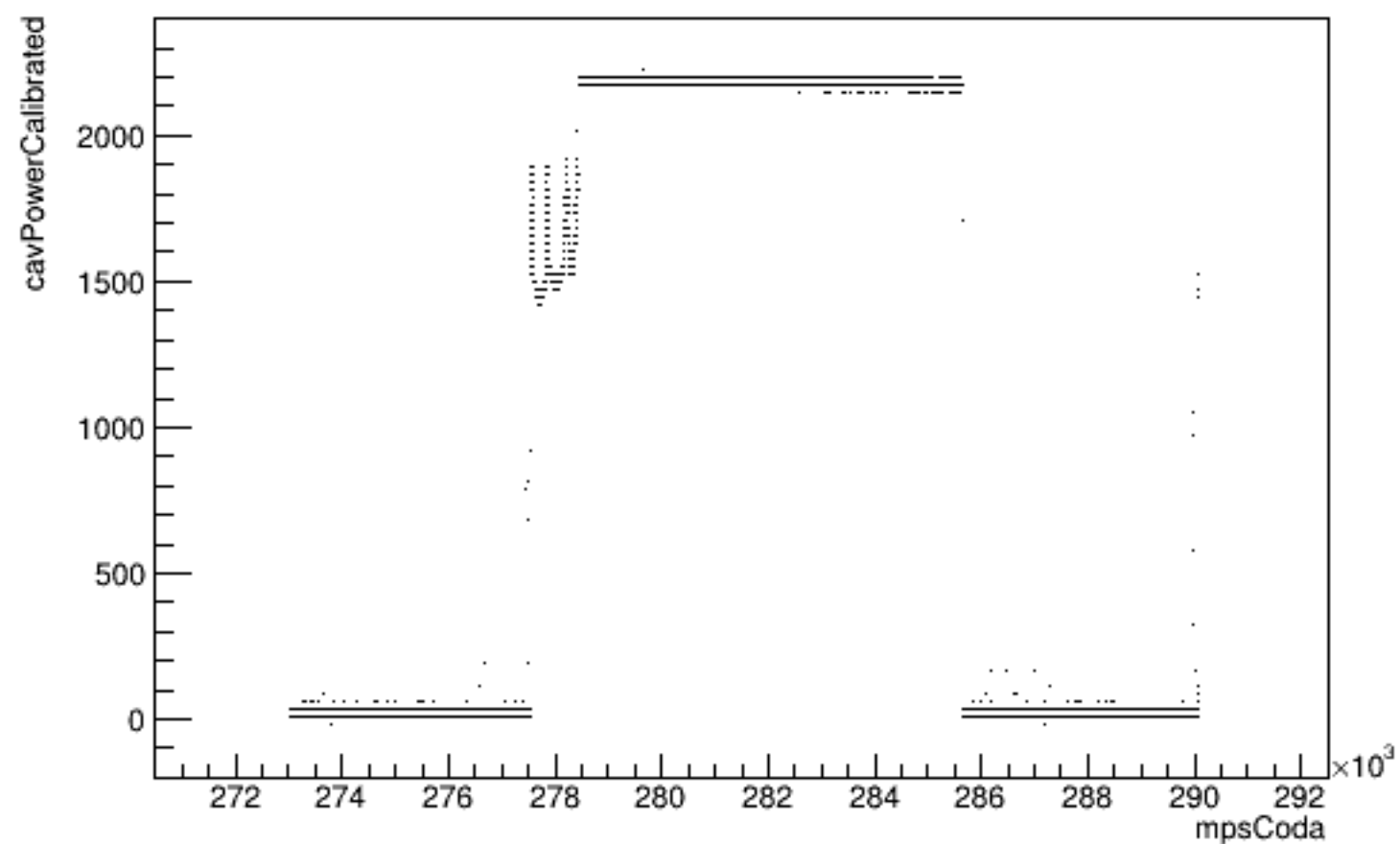
laserState:mpsCoda {mpsCoda>=273016 && mpsCoda<=290087}



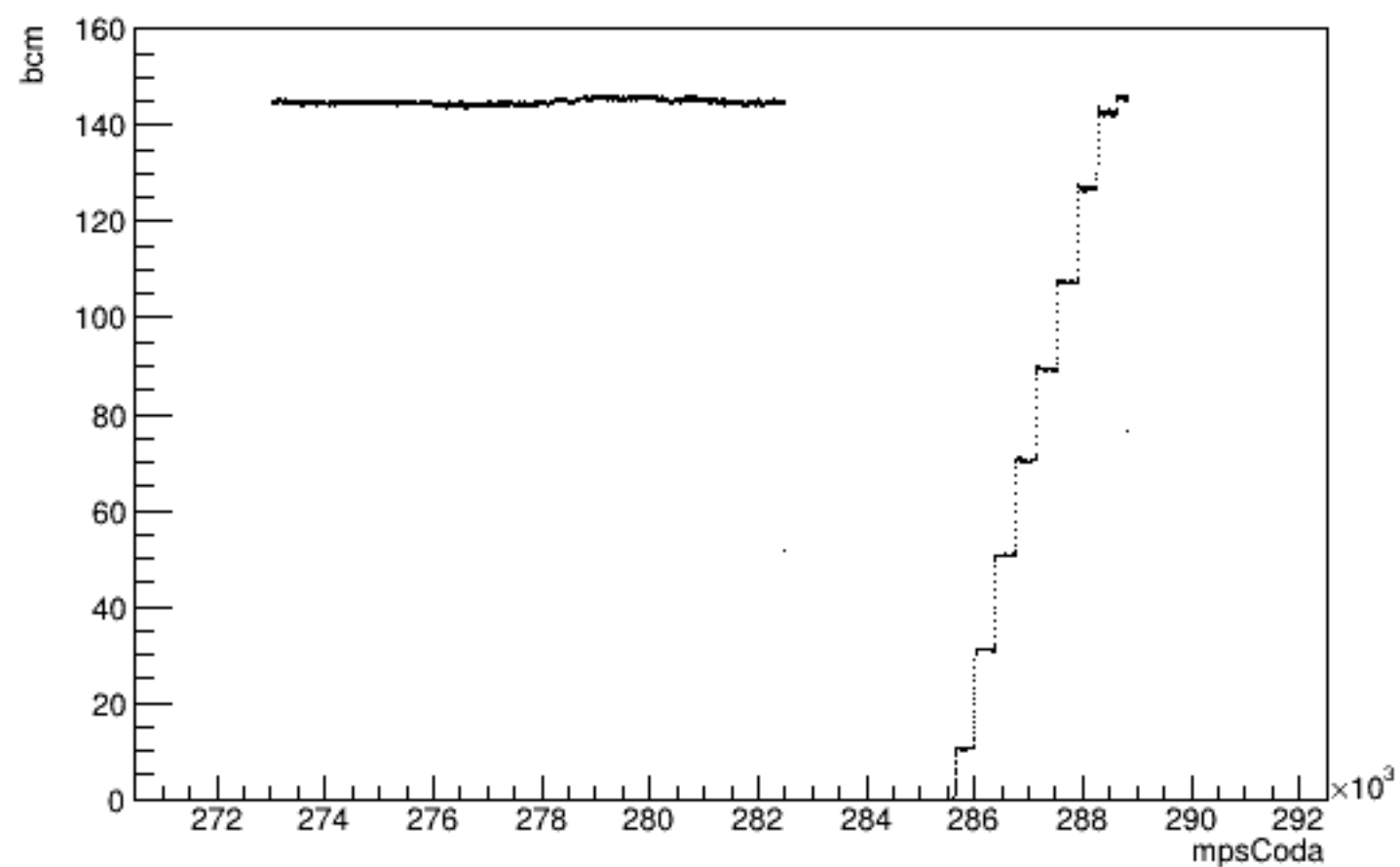
beamState + 1:mpsCoda {mpsCoda>=273016 && mpsCoda<=290087}



cavPowerCalibrated:mpsCoda {mpsCoda>=273016 && mpsCoda<=290087}



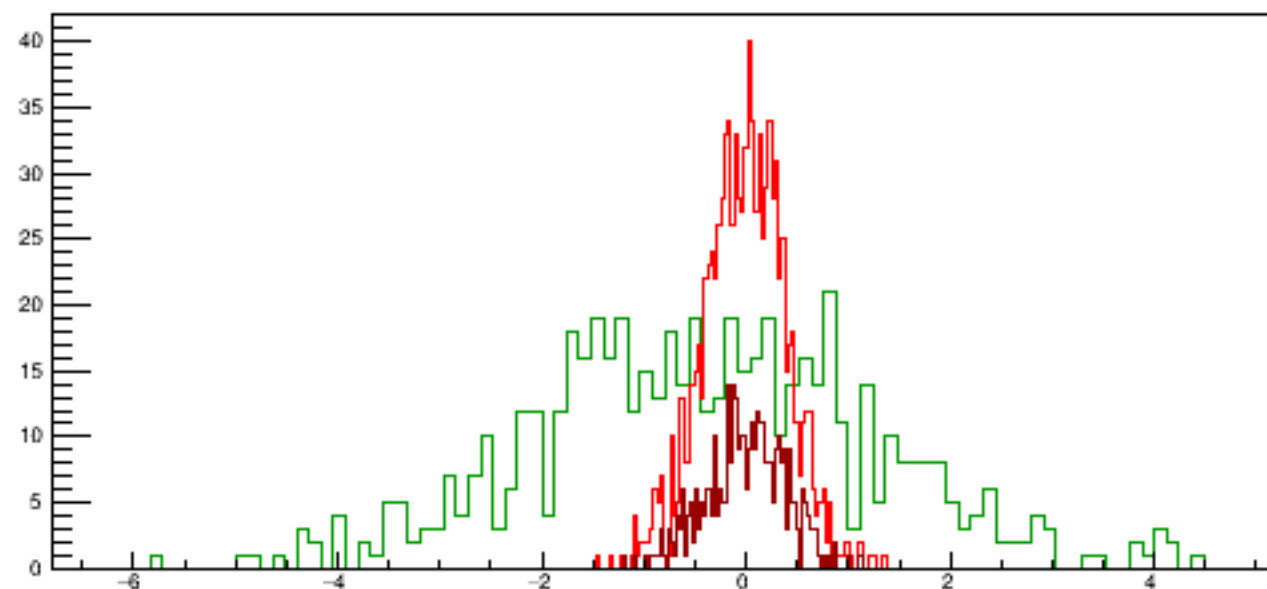
bcm:mpsCoda {mpsCoda>=273016 && mpsCoda<=290087}



Cycle 13, Diffs

Entries: 973	Entries: 576	Entries: 354
Mean: -0.0173 +/- 0.0128	Mean: -0.4130 +/- 0.0698	Mean: -0.0012 +/- 0.0209
Std Dev: 0.4002 +/- 0.0091	Std Dev: 1.6744 +/- 0.0493	Std Dev: 0.3924 +/- 0.0147

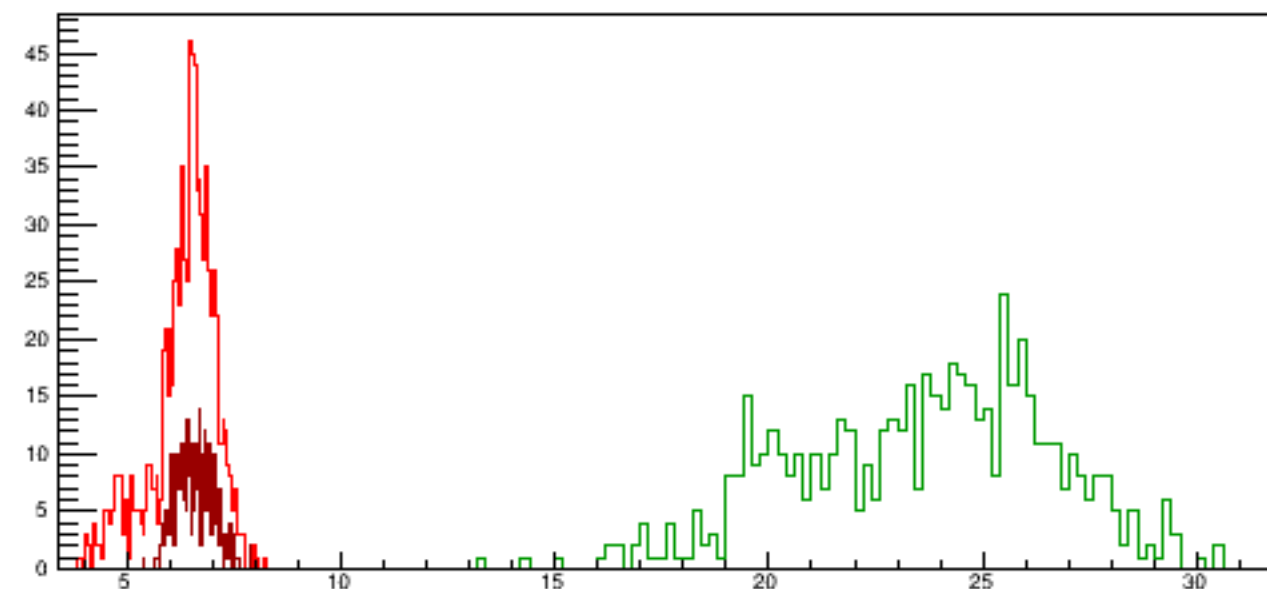
Run 5888 quartetwise, Diffs



Cycle 13, Sums

Entries: 973	Entries: 576	Entries: 354
Mean: 6.3454 +/- 0.0240	Mean: 23.5545 +/- 0.1248	Mean: 6.5927 +/- 0.0230
Std Dev: 0.7471 +/- 0.0169	Std Dev: 2.9957 +/- 0.0883	Std Dev: 0.4323 +/- 0.0162

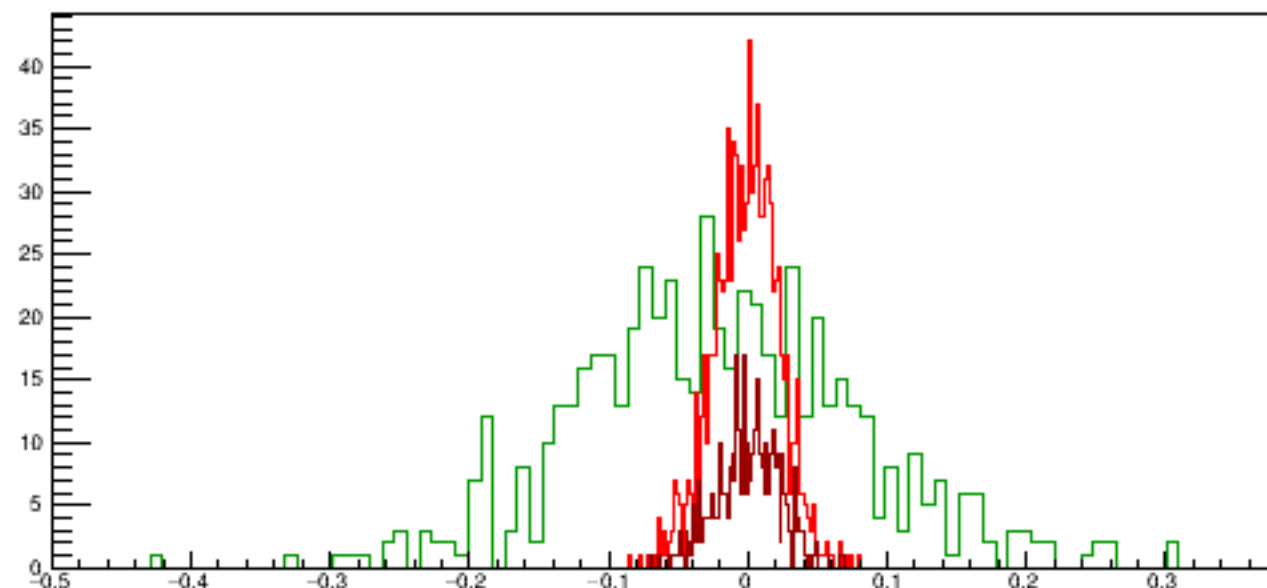
Run 5888 quartetwise, Sums



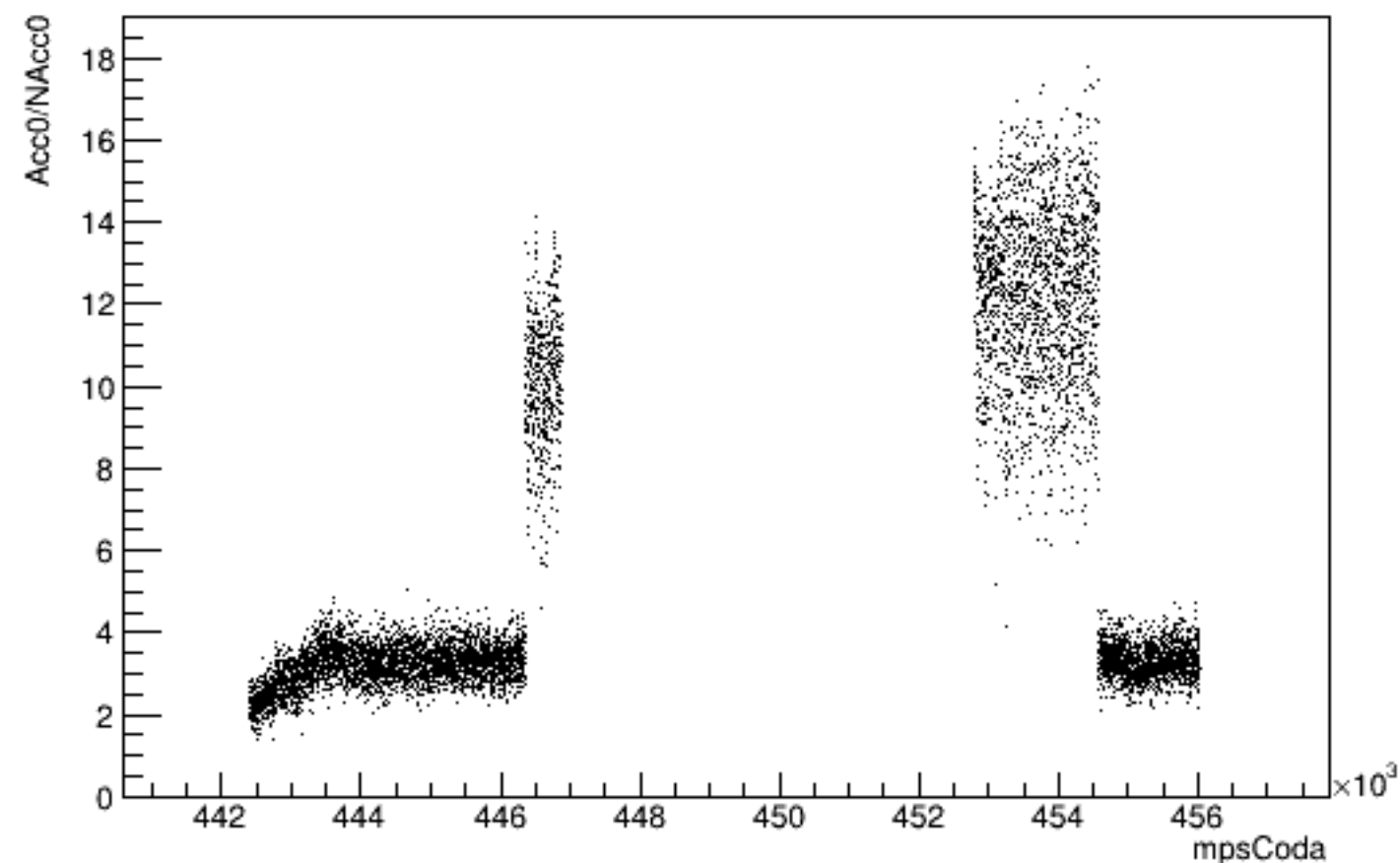
Cycle 13, Asyms

Entries: 973	Entries: 576	Entries: 354
Mean: -0.0010 +/- 0.0008	Mean: -0.0227 +/- 0.0043	Mean: -0.0001 +/- 0.0012
Std Dev: 0.0234 +/- 0.0005	Std Dev: 0.1023 +/- 0.0030	Std Dev: 0.0230 +/- 0.0009

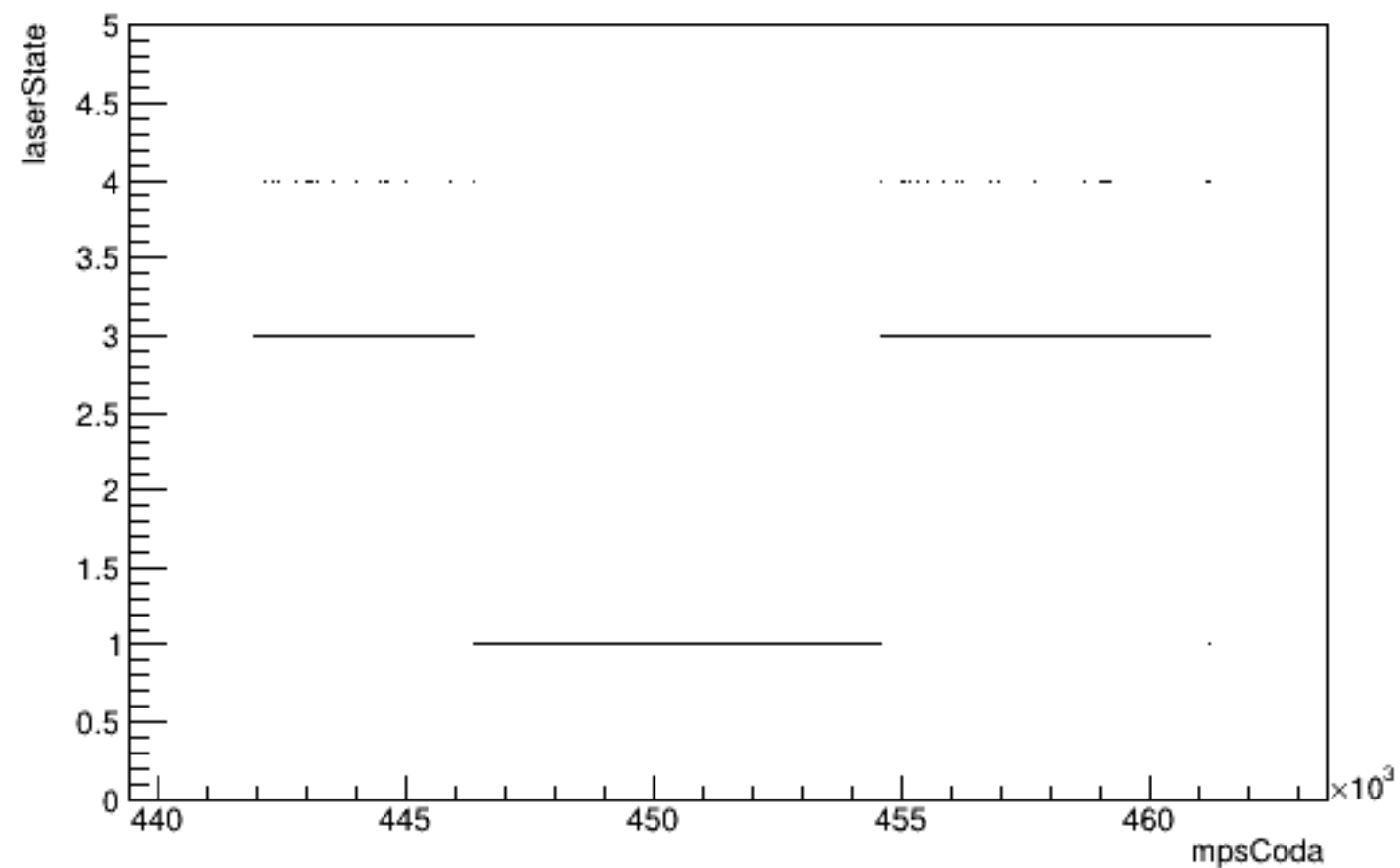
Run 5888 quartetwise, Asyms



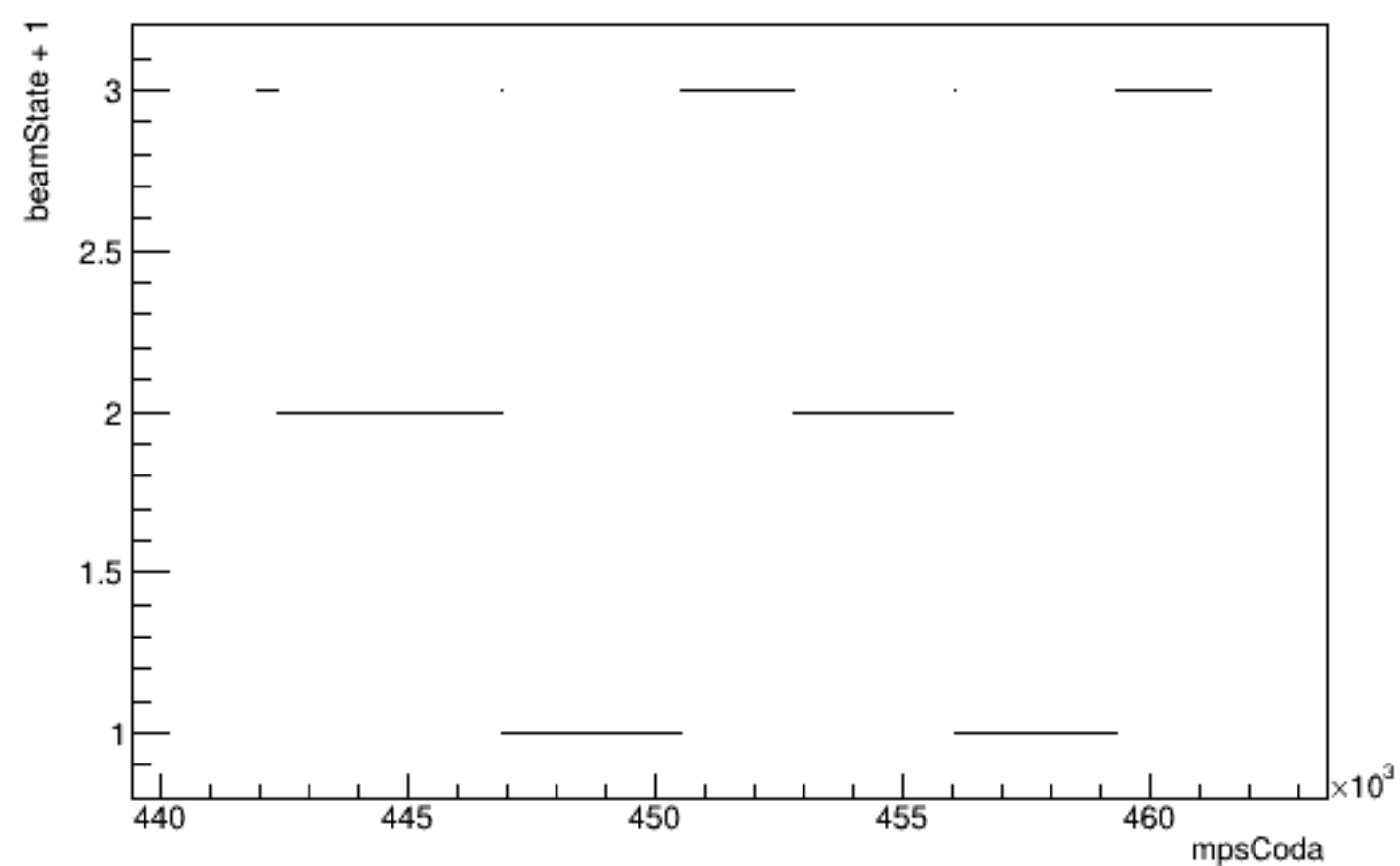
Acc0/NAcc0:mpsCoda (mpsCoda>=441956 && mpsCoda<=461183 && beamState==1)



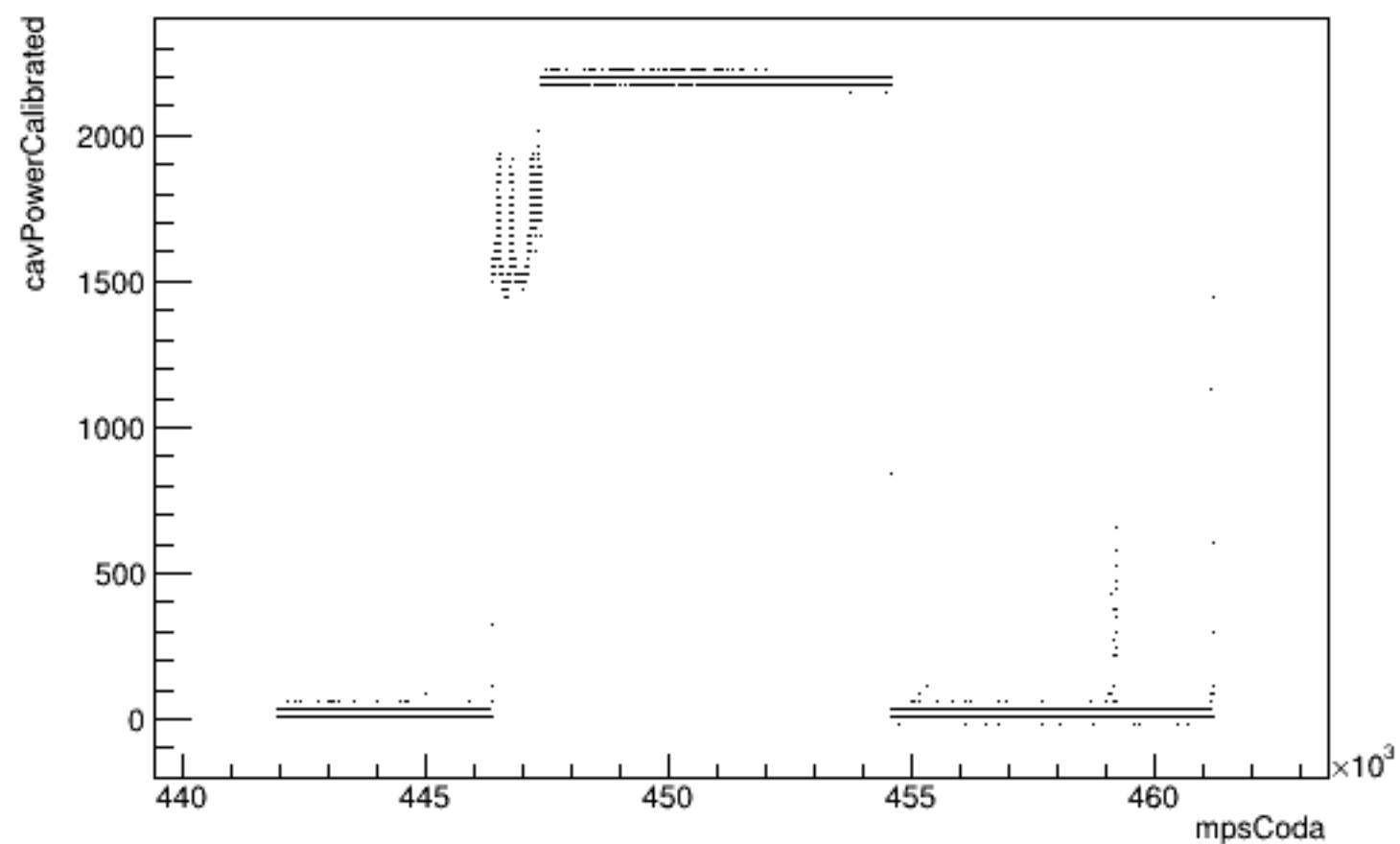
laserState:mpsCoda {mpsCoda>=441956 && mpsCoda<=461183}



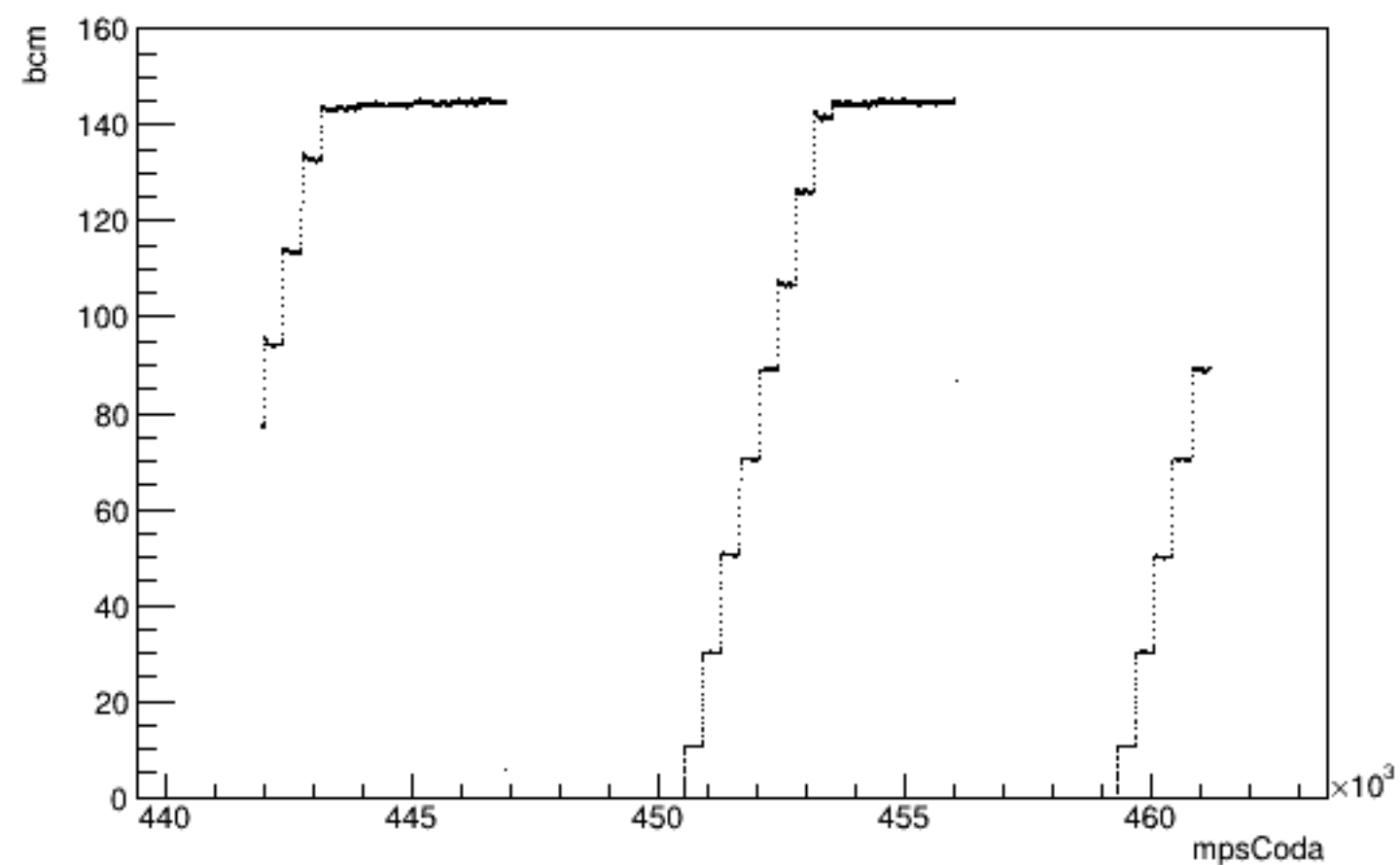
beamState + 1:mpsCoda {mpsCoda>=441956 && mpsCoda<=461183}



cavPowerCalibrated:mpsCoda {mpsCoda>=441956 && mpsCoda<=461183}



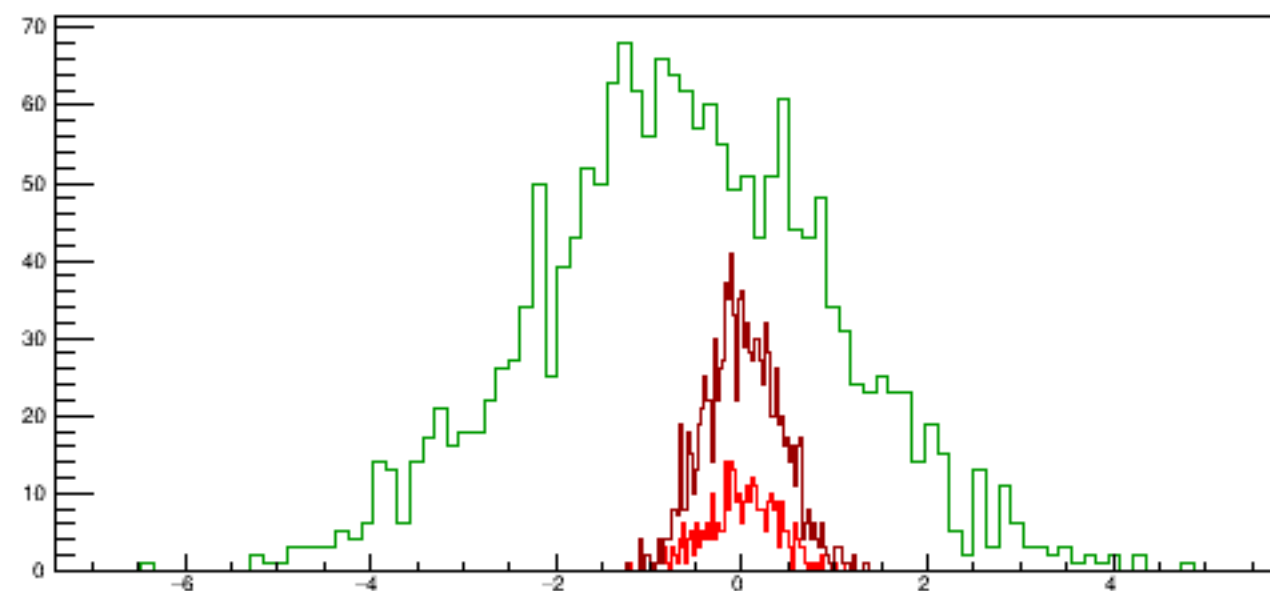
bcm:mpsCoda {mpsCoda>=441956 && mpsCoda<=461183}



Cycle 14, Diffs

Entries: 354	Entries: 1831	Entries: 1124
Mean: -0.0012 +/- 0.0209	Mean: -0.6417 +/- 0.0374	Mean: 0.0109 +/- 0.0122
Std Dev: 0.3924 +/- 0.0147	Std Dev: 1.5994 +/- 0.0264	Std Dev: 0.4096 +/- 0.0086

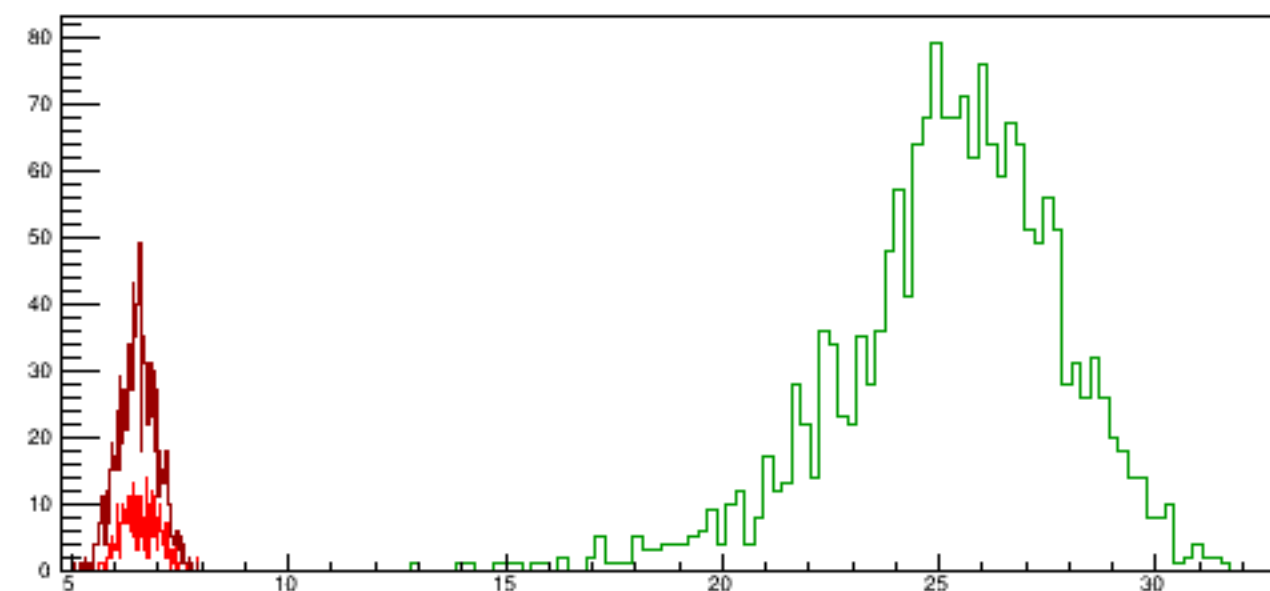
Run 5888 quartetwise, Diffs



Cycle 14, Sums

Entries: 354	Entries: 1831	Entries: 1124
Mean: 6.5927 +/- 0.0230	Mean: 25.2685 +/- 0.0599	Mean: 6.5242 +/- 0.0133
Std Dev: 0.4323 +/- 0.0162	Std Dev: 2.5635 +/- 0.0424	Std Dev: 0.4452 +/- 0.0094

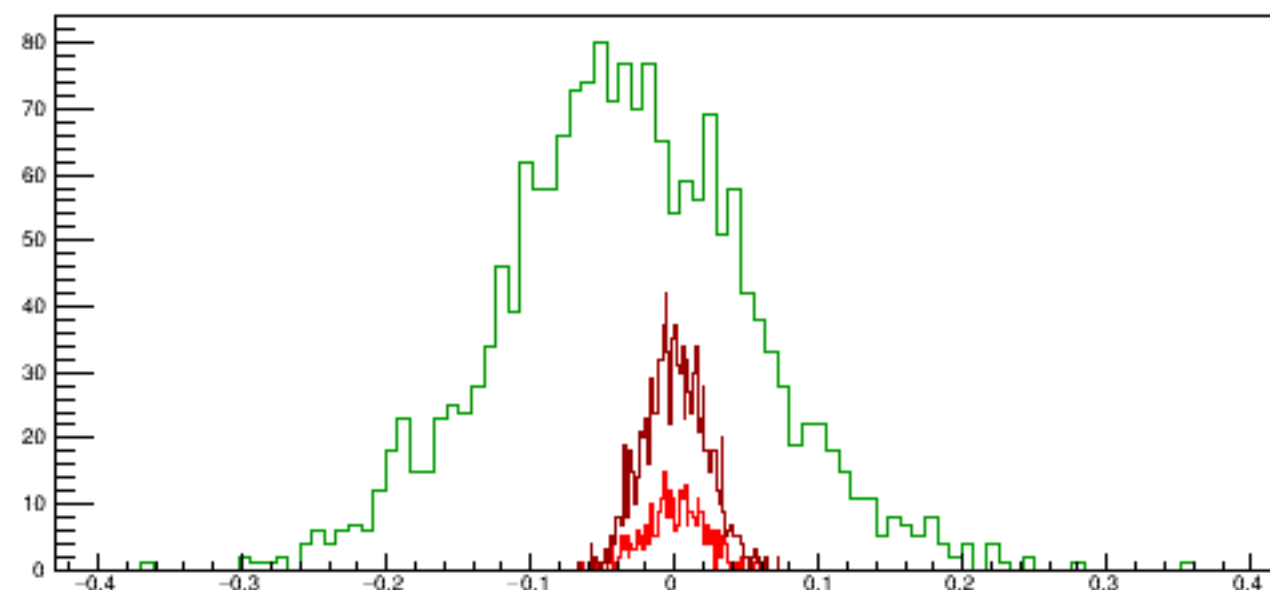
Run 5888 quartetwise, Sums



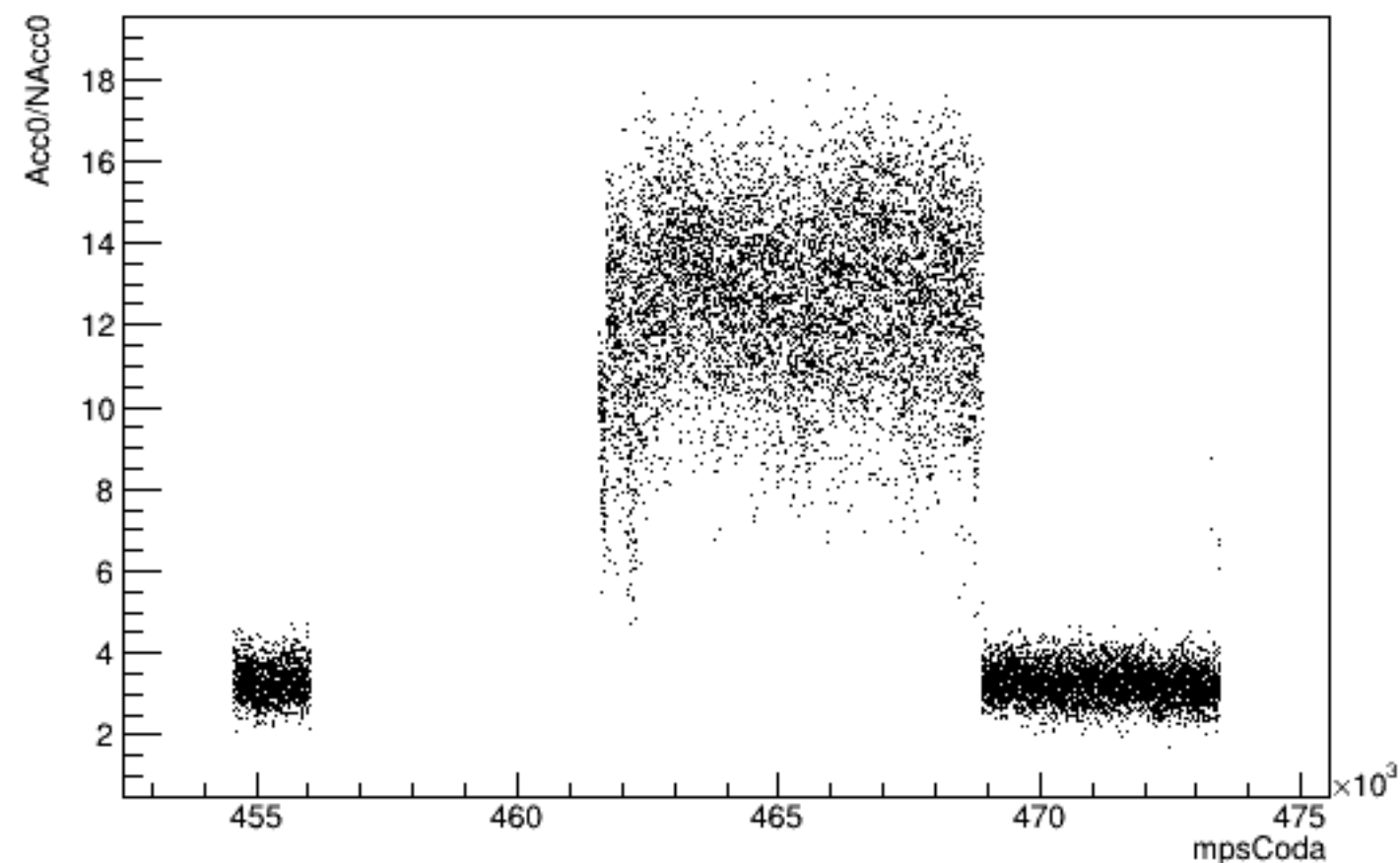
Cycle 14, Asyms

Entries: 354	Entries: 1831	Entries: 1124
Mean: -0.0001 +/- 0.0011	Mean: -0.0336 +/- 0.0021	Mean: 0.0006 +/- 0.0007
Std Dev: 0.0210 +/- 0.0008	Std Dev: 0.0882 +/- 0.0015	Std Dev: 0.0219 +/- 0.0005

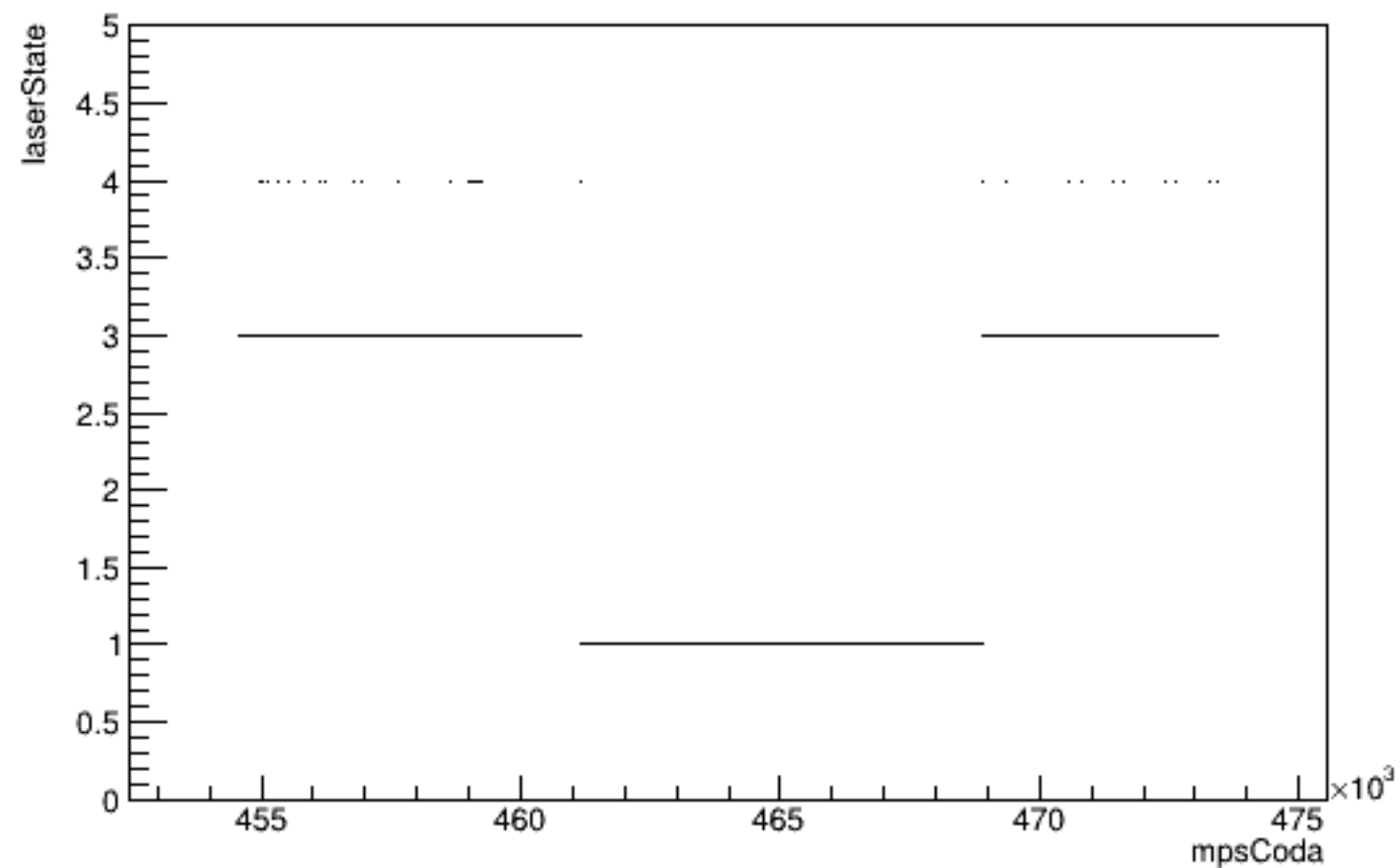
Run 5888 quartetwise, Asyms



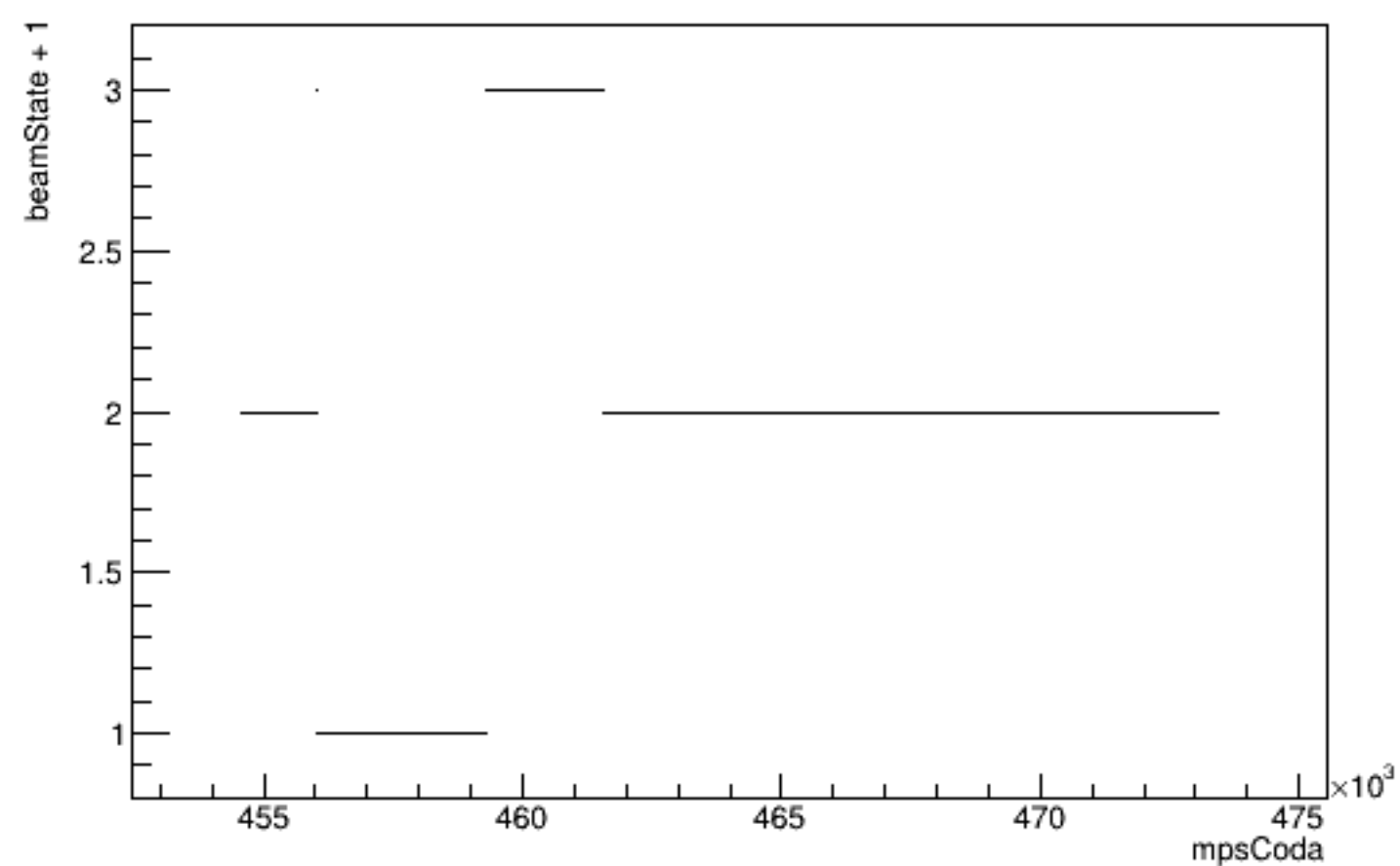
Acc0/NAcc0:mpsCoda (mpsCoda>=454576 && mpsCoda<=473447 && beamState==1)



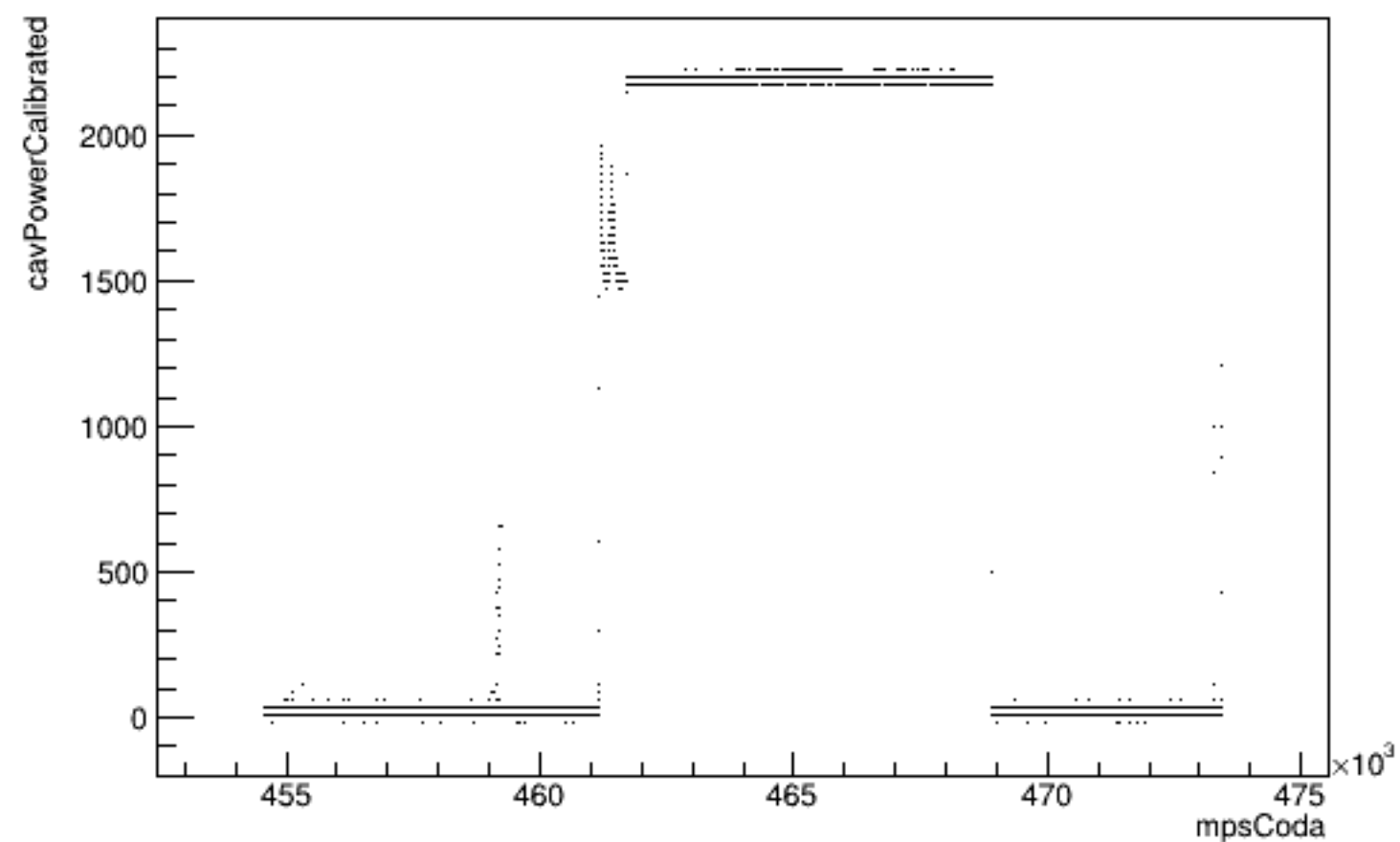
laserState:mpsCoda {mpsCoda>=454576 && mpsCoda<=473447}



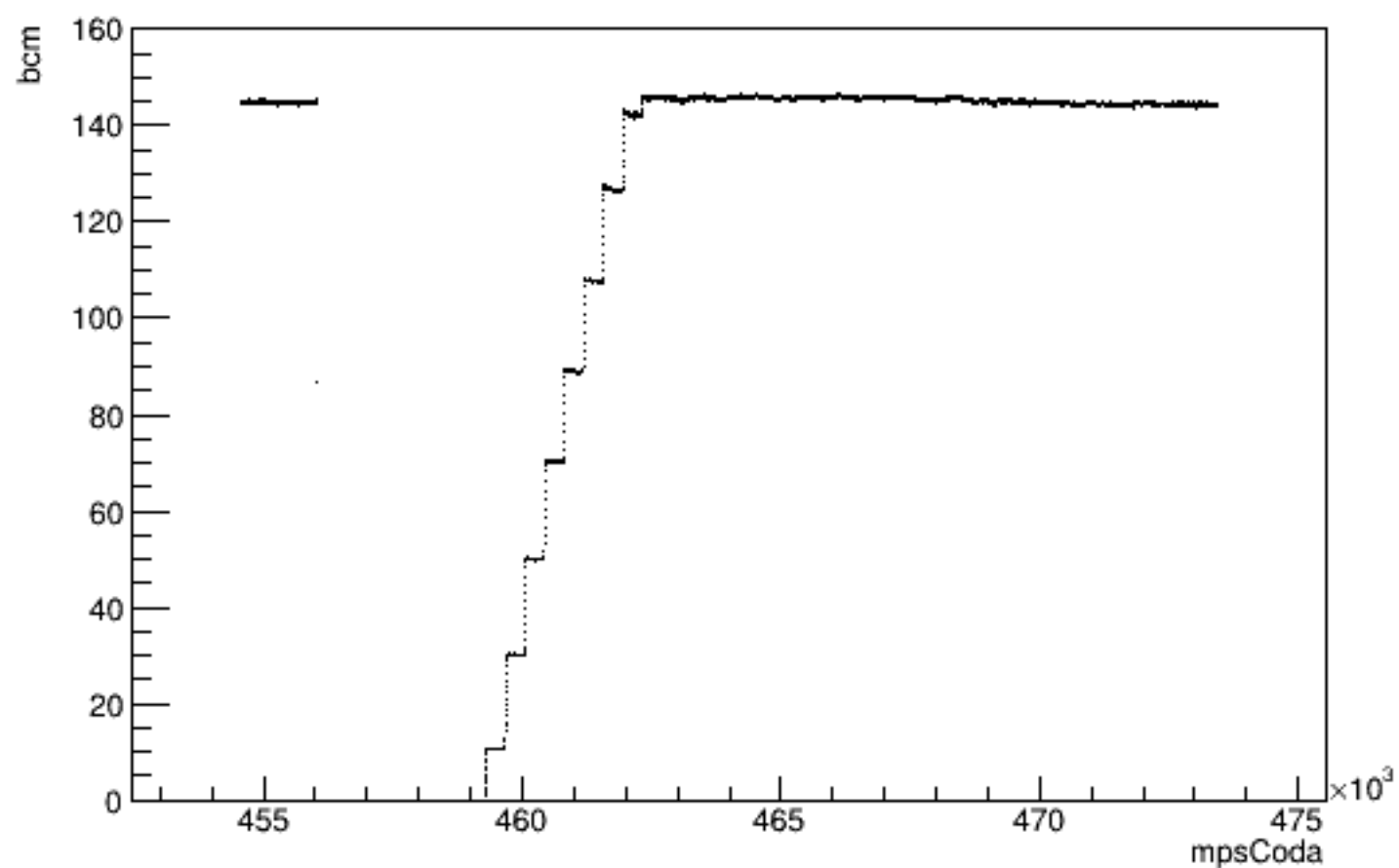
beamState + 1:mpsCoda {mpsCoda>=454576 && mpsCoda<=473447}



cavPowerCalibrated:mpsCoda {mpsCoda>=454576 && mpsCoda<=473447}



bcm:mpsCoda {mpsCoda>=454576 && mpsCoda<=473447}



Cycle 15, Diffs

Entries: 1124

Mean: 0.0109 +/- 0.0122

Std Dev: 0.4096 +/- 0.0086

Entries: 2017

Mean: -0.5504 +/- 0.0384

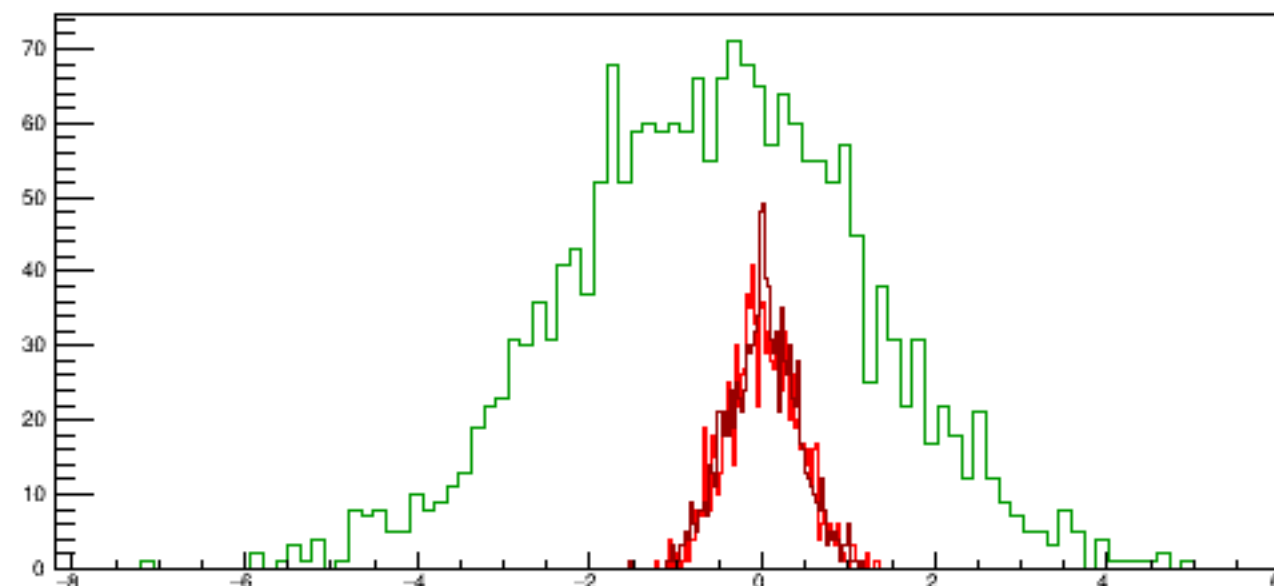
Std Dev: 1.7257 +/- 0.0272

Entries: 1125

Mean: 0.0015 +/- 0.0121

Std Dev: 0.4052 +/- 0.0085

Run 5888 quartetwise, Diffs



Cycle 15, Sums

Entries: 1124

Mean: 6.5242 +/- 0.0133

Std Dev: 0.4452 +/- 0.0094

Entries: 2017

Mean: 23.9471 +/- 0.0645

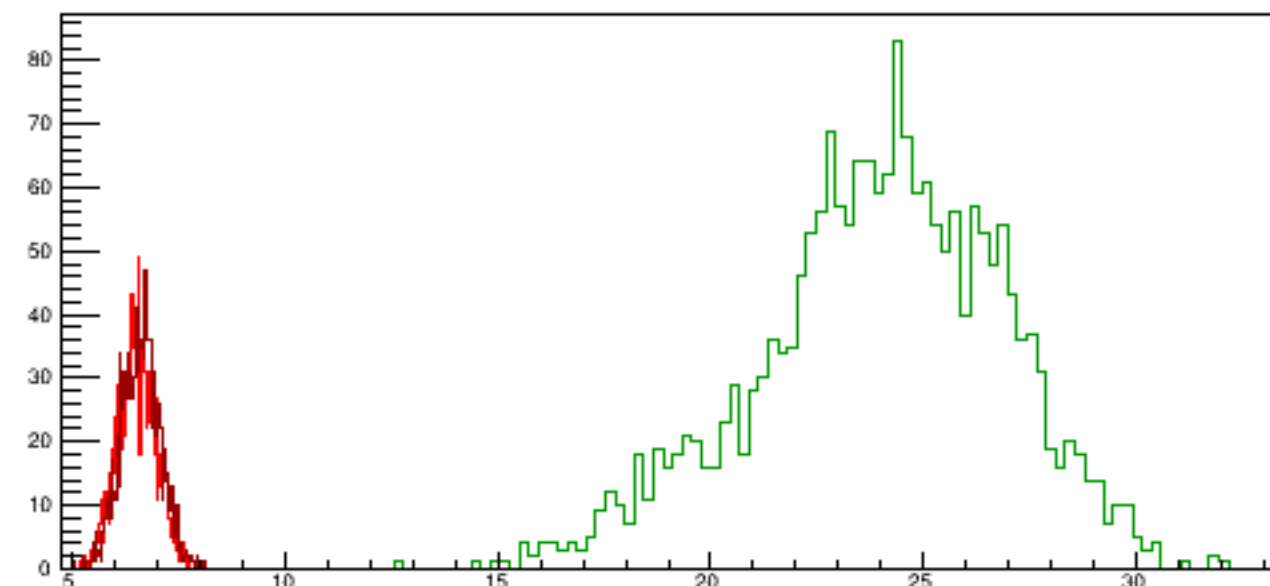
Std Dev: 2.8973 +/- 0.0456

Entries: 1125

Mean: 6.6059 +/- 0.0136

Std Dev: 0.4545 +/- 0.0096

Run 5888 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=468896 && mpsCoda<=486067 && beamState==1)

Cycle 15, Asyms

Entries: 1124

Mean: 0.0006 +/- 0.0007

Std Dev: 0.0236 +/- 0.0005

Entries: 2017

Mean: -0.0317 +/- 0.0023

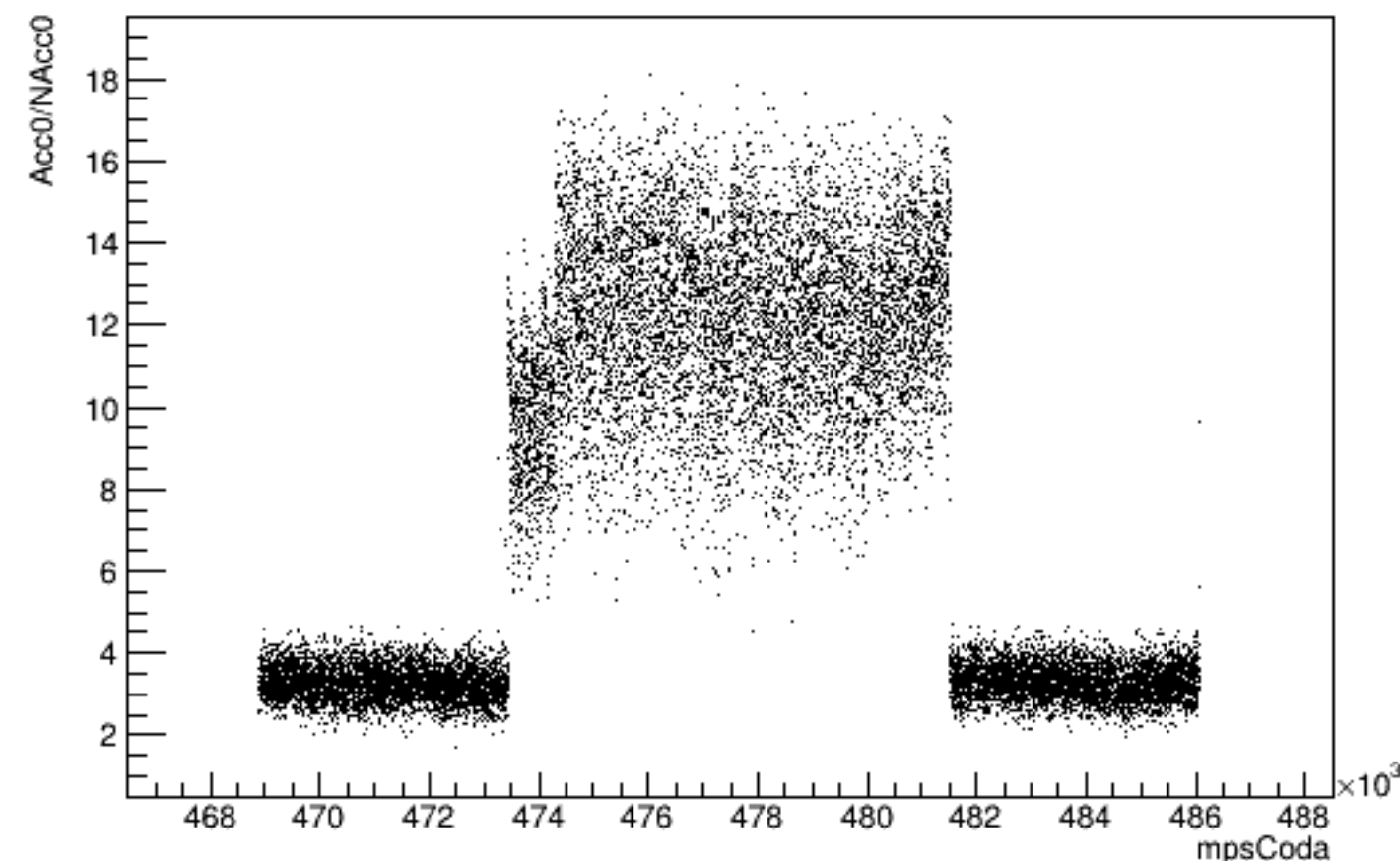
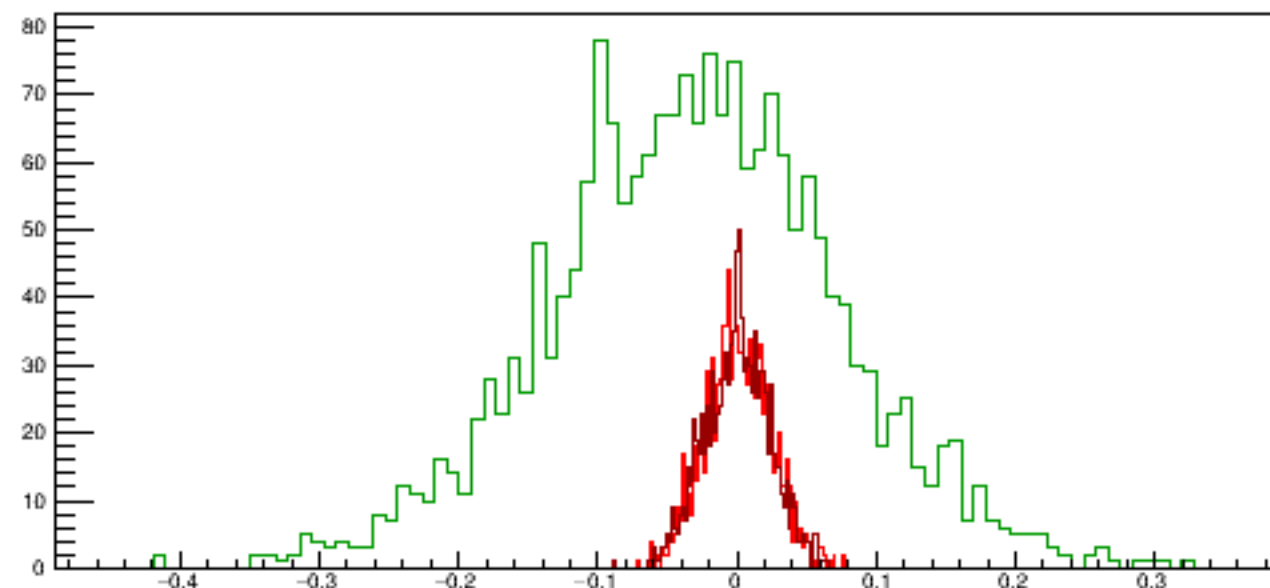
Std Dev: 0.1033 +/- 0.0016

Entries: 1125

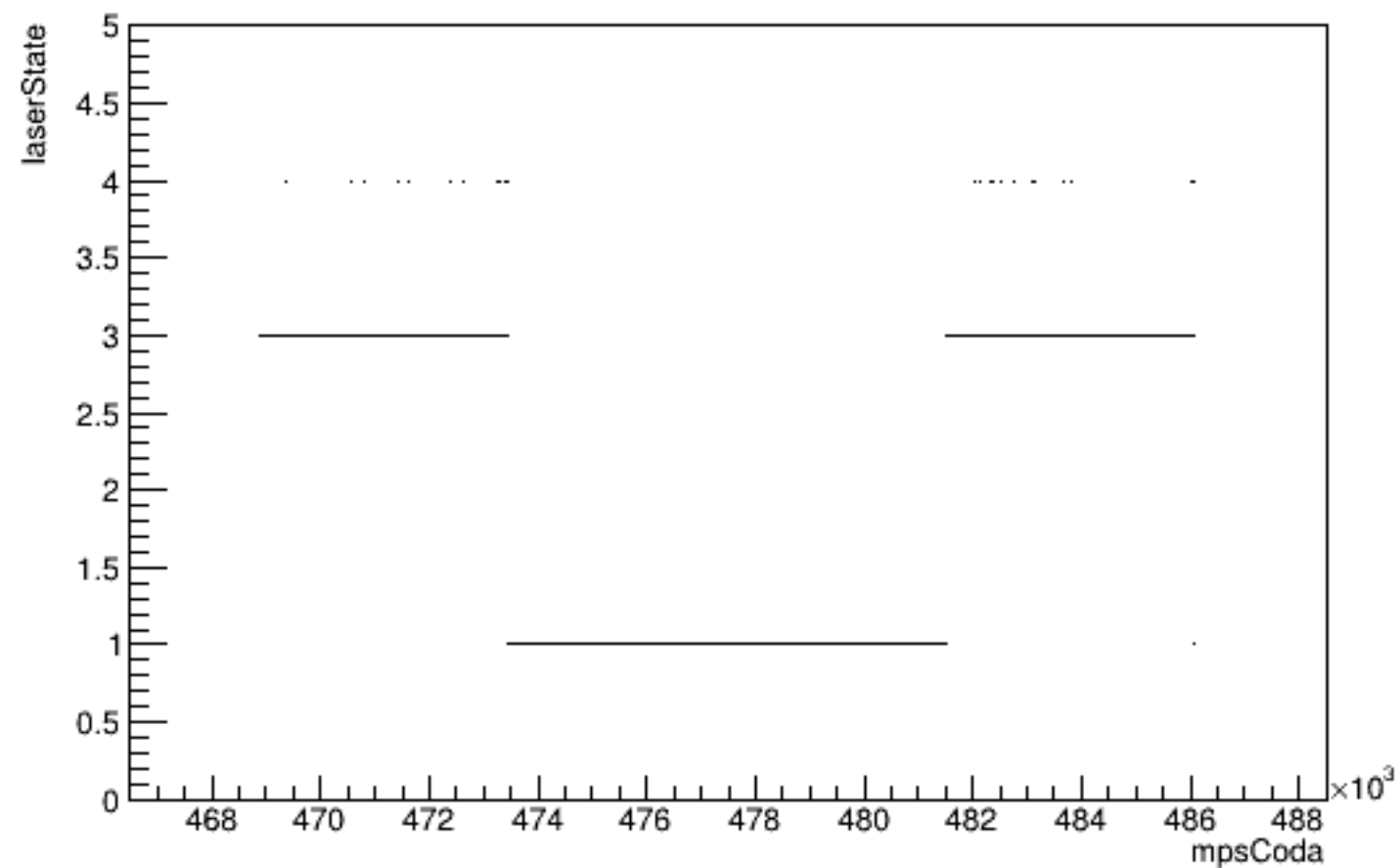
Mean: 0.0001 +/- 0.0007

Std Dev: 0.0233 +/- 0.0005

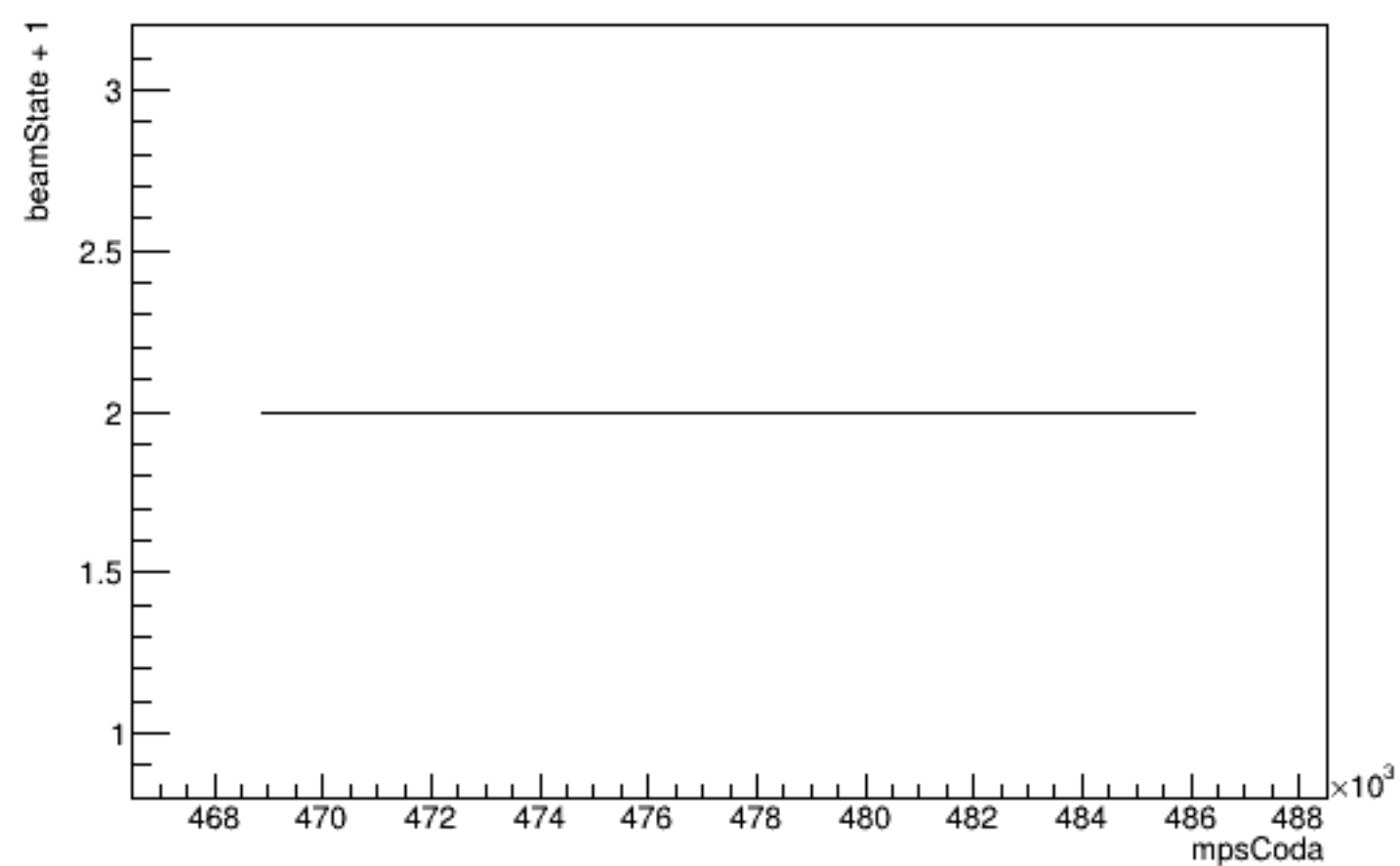
Run 5888 quartetwise, Asyms



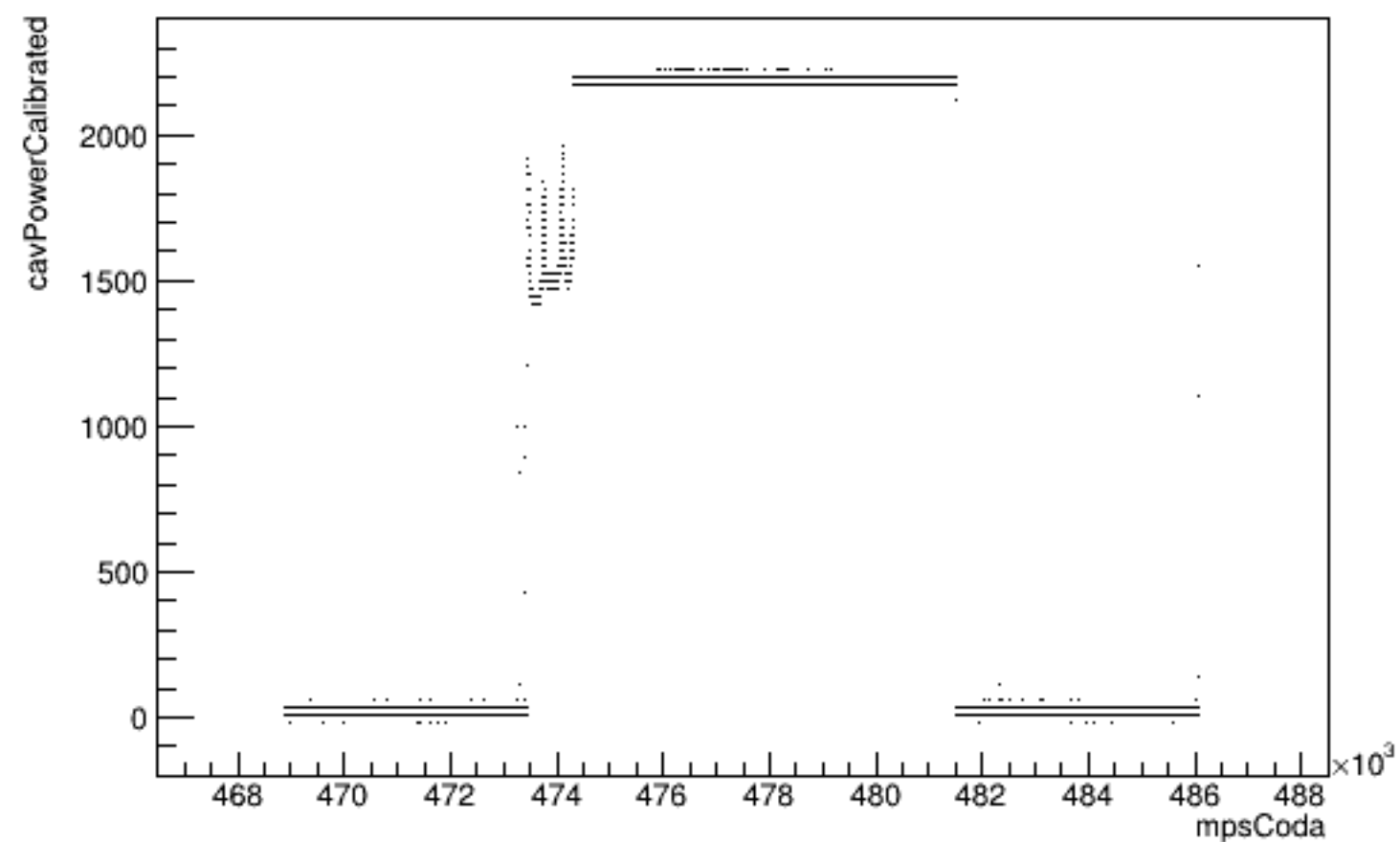
laserState:mpsCoda {mpsCoda>=468896 && mpsCoda<=486067}



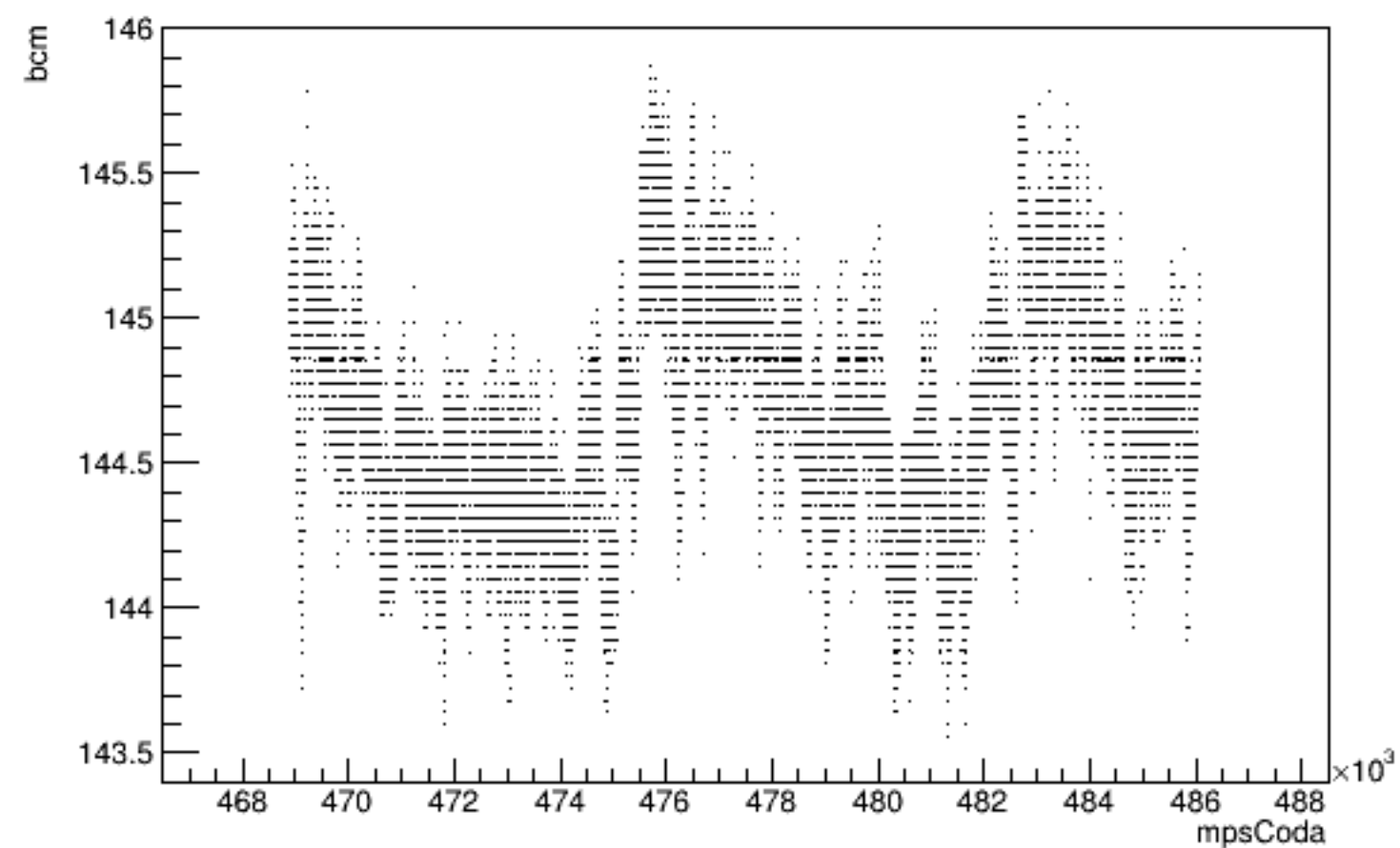
beamState + 1:mpsCoda {mpsCoda>=468896 && mpsCoda<=486067}



cavPowerCalibrated:mpsCoda {mpsCoda>=468896 && mpsCoda<=486067}



bcm:mpsCoda {mpsCoda>=468896 && mpsCoda<=486067}



Cycle 16, Diffs

Entries: 1125

Mean: 0.0015 +/- 0.0121

Std Dev: 0.4052 +/- 0.0085

Entries: 1956

Mean: -0.5236 +/- 0.0393

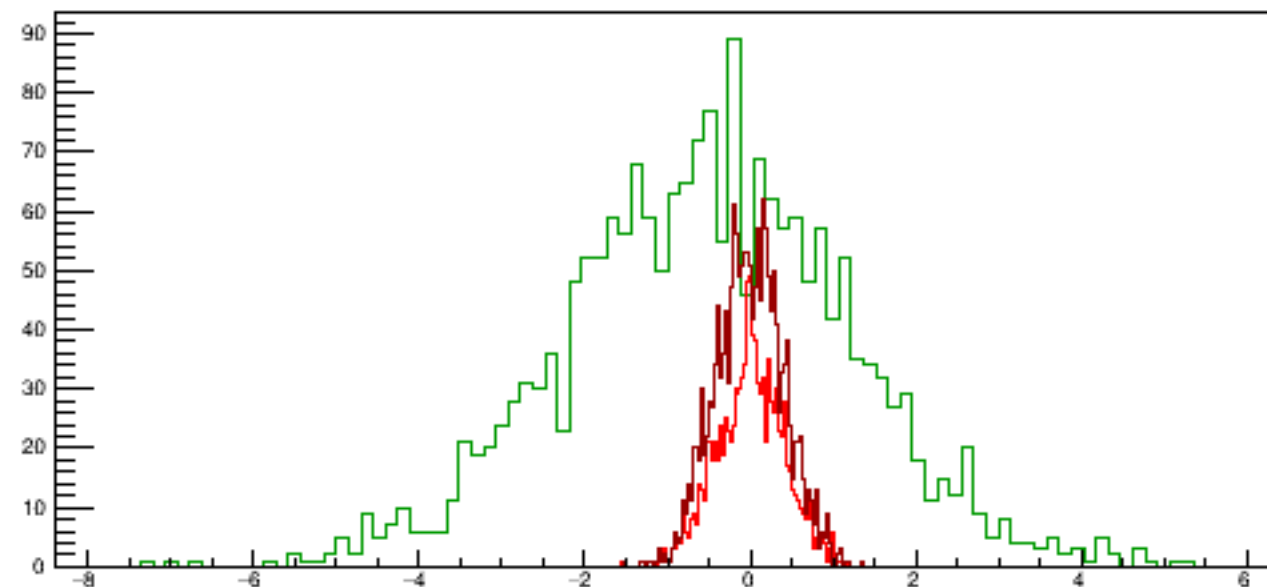
Std Dev: 1.7375 +/- 0.0278

Entries: 1636

Mean: -0.0056 +/- 0.0101

Std Dev: 0.4076 +/- 0.0071

Run 5888 quartetwise, Diffs



Cycle 16, Sums

Entries: 1125

Mean: 6.6059 +/- 0.0136

Std Dev: 0.4545 +/- 0.0096

Entries: 1956

Mean: 24.4824 +/- 0.0697

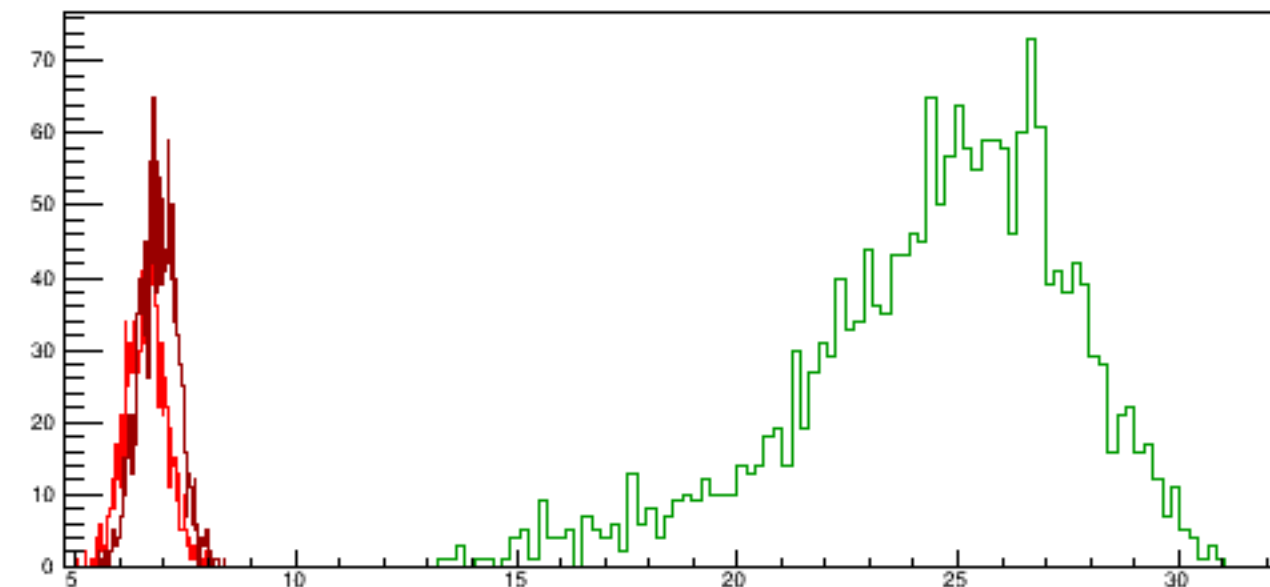
Std Dev: 3.0807 +/- 0.0493

Entries: 1636

Mean: 6.8885 +/- 0.0105

Std Dev: 0.4263 +/- 0.0075

Run 5888 quartetwise, Sums



Cycle 16, Asyms

Entries: 1125

Mean: 0.0001 +/- 0.0007

Std Dev: 0.0228 +/- 0.0005

Entries: 1956

Mean: -0.0289 +/- 0.0023

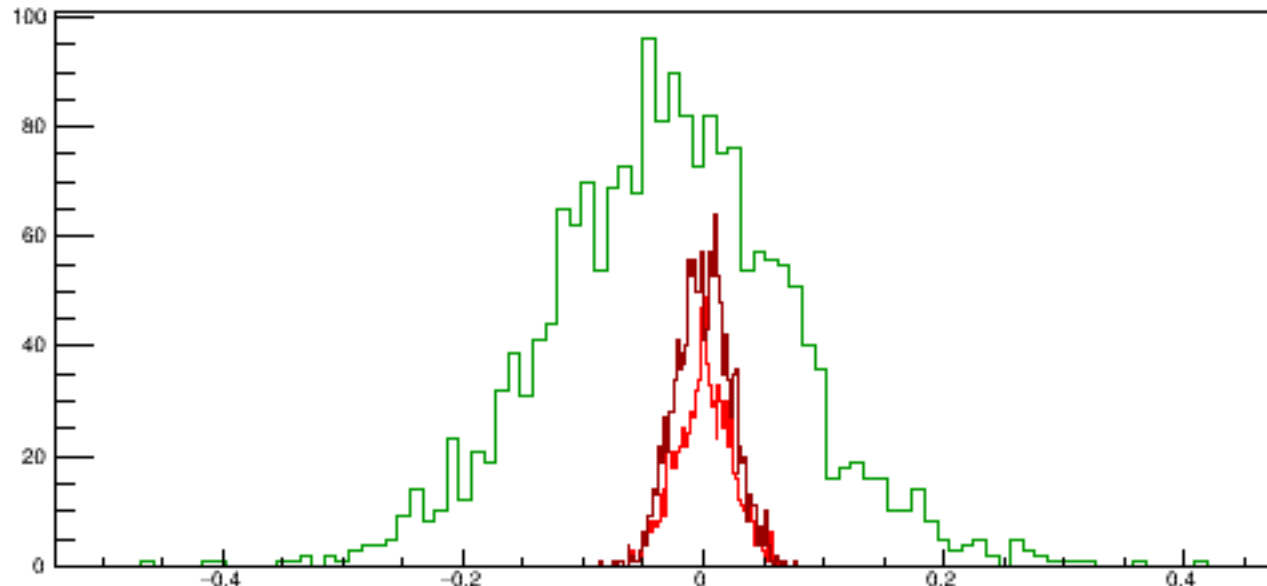
Std Dev: 0.1023 +/- 0.0016

Entries: 1636

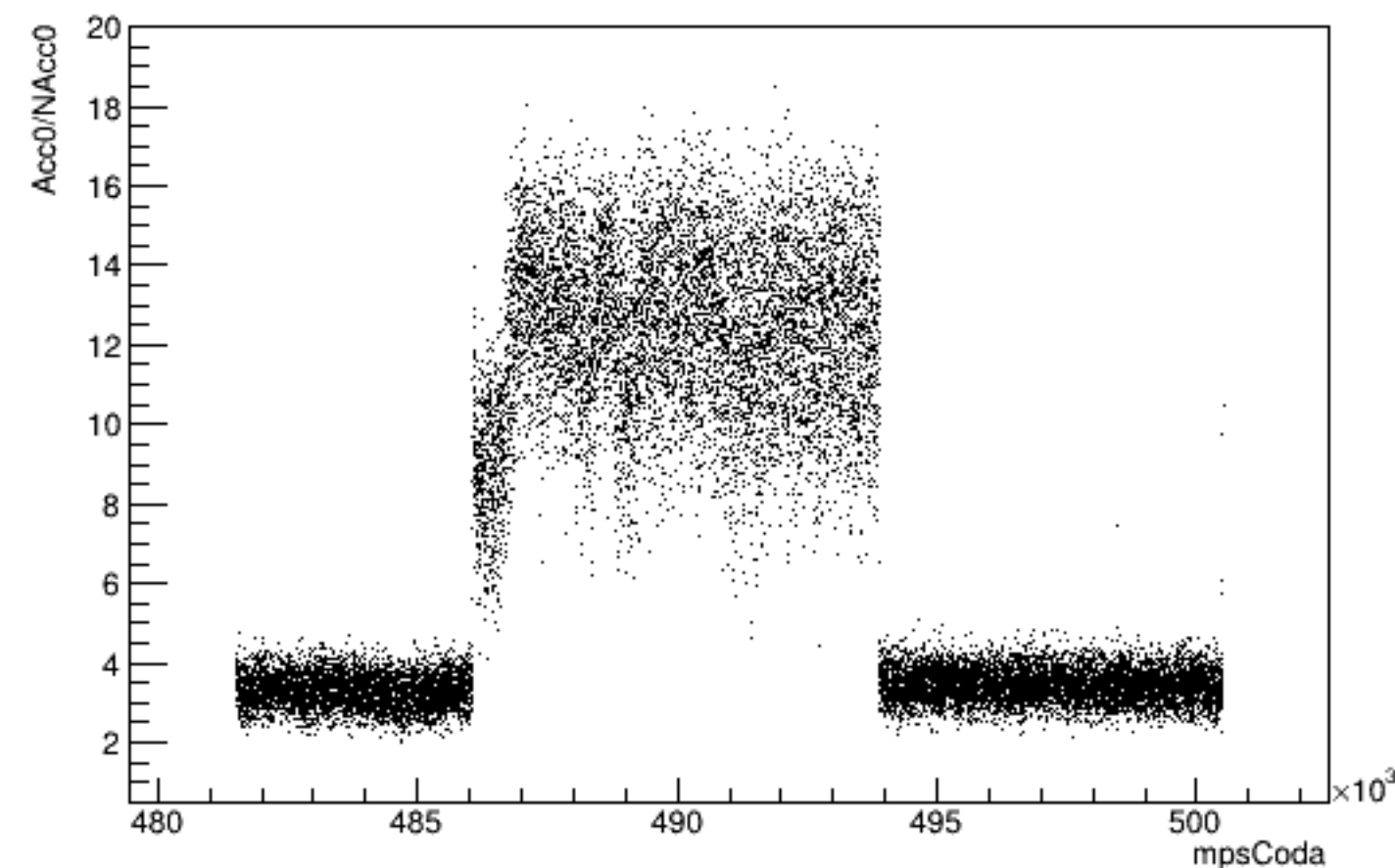
Mean: -0.0003 +/- 0.0006

Std Dev: 0.0230 +/- 0.0004

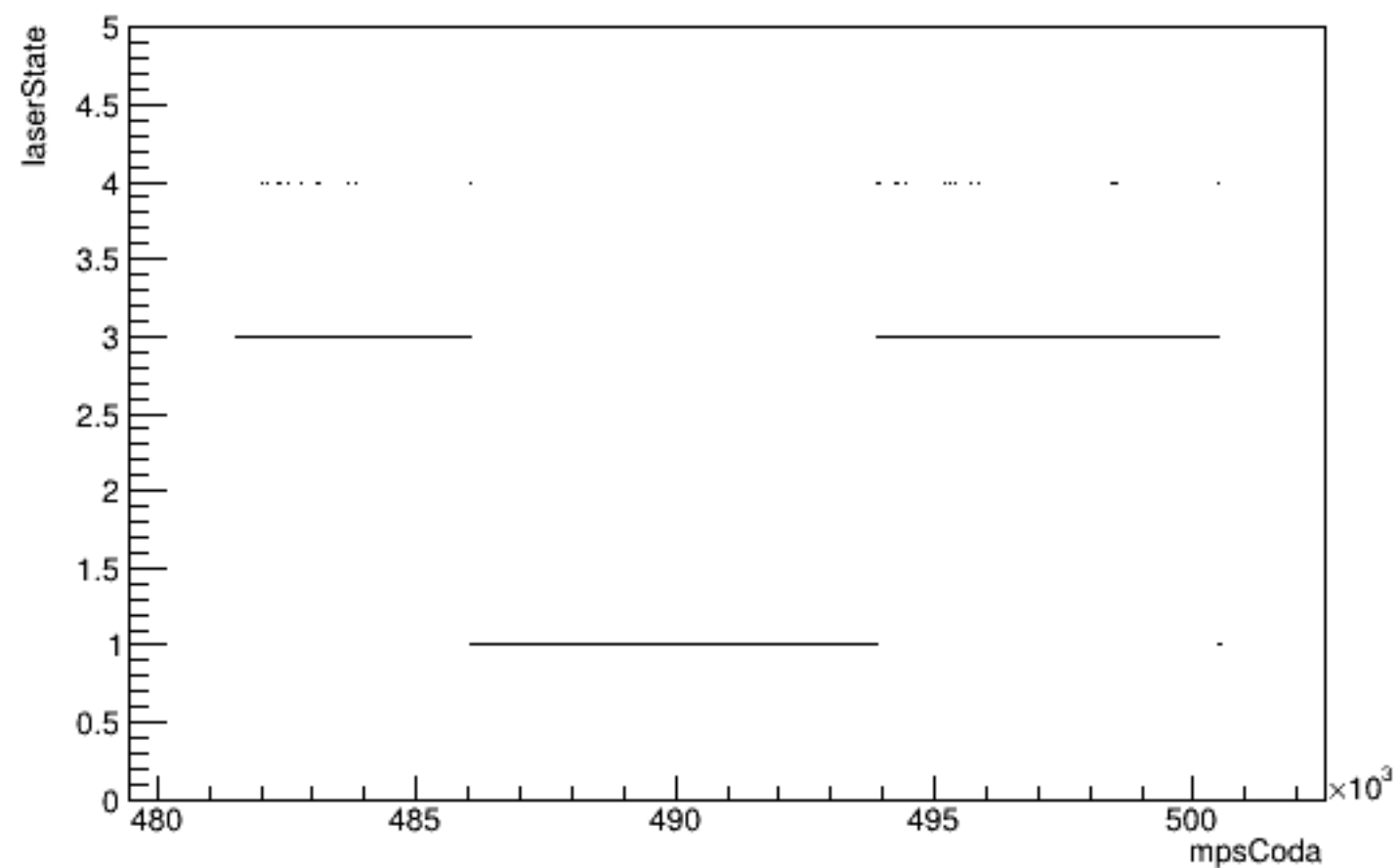
Run 5888 quartetwise, Asyms



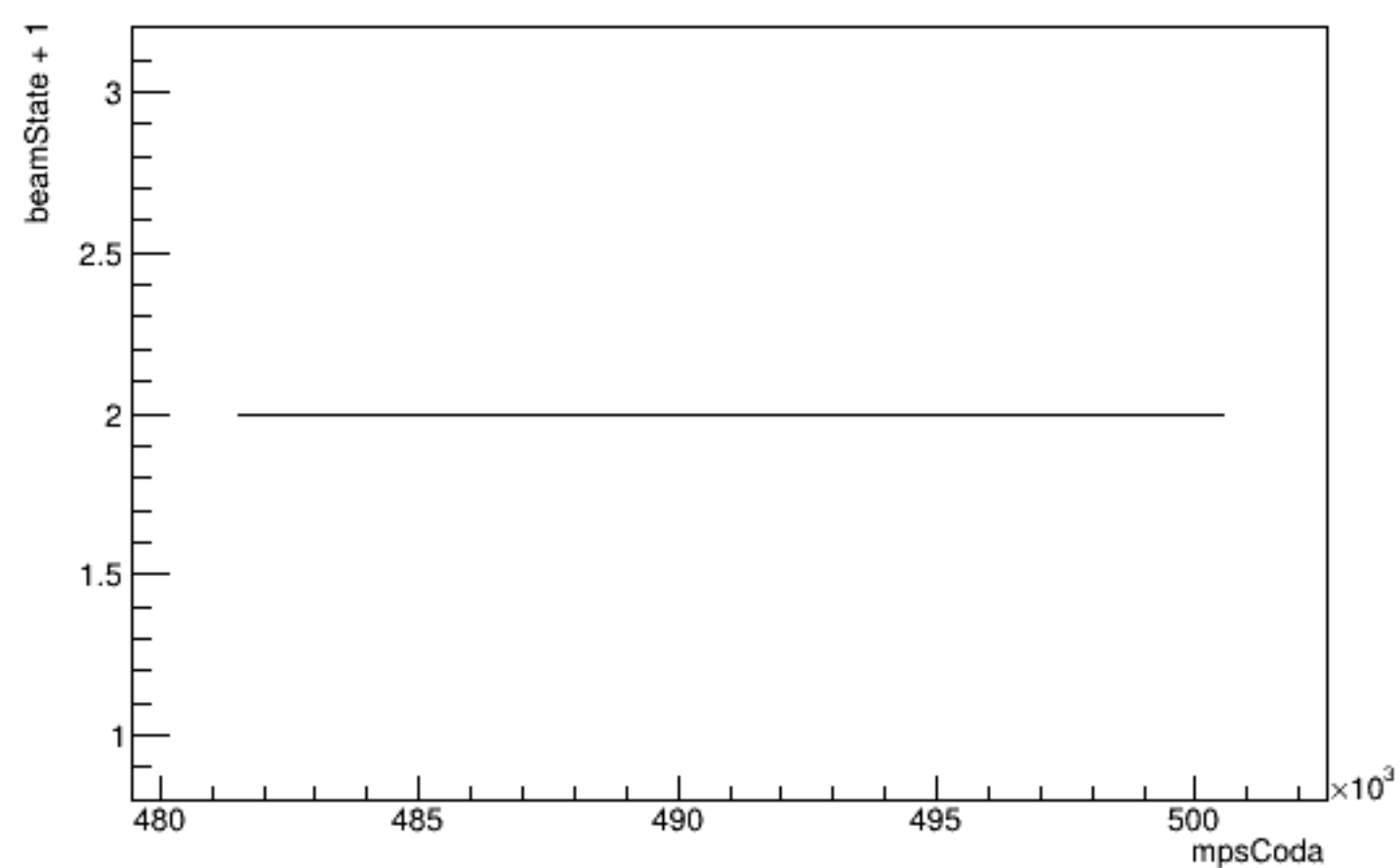
Acc0/NAcc0:mpsCoda (mpsCoda>=481516 && mpsCoda<=500507 && beamState==1)



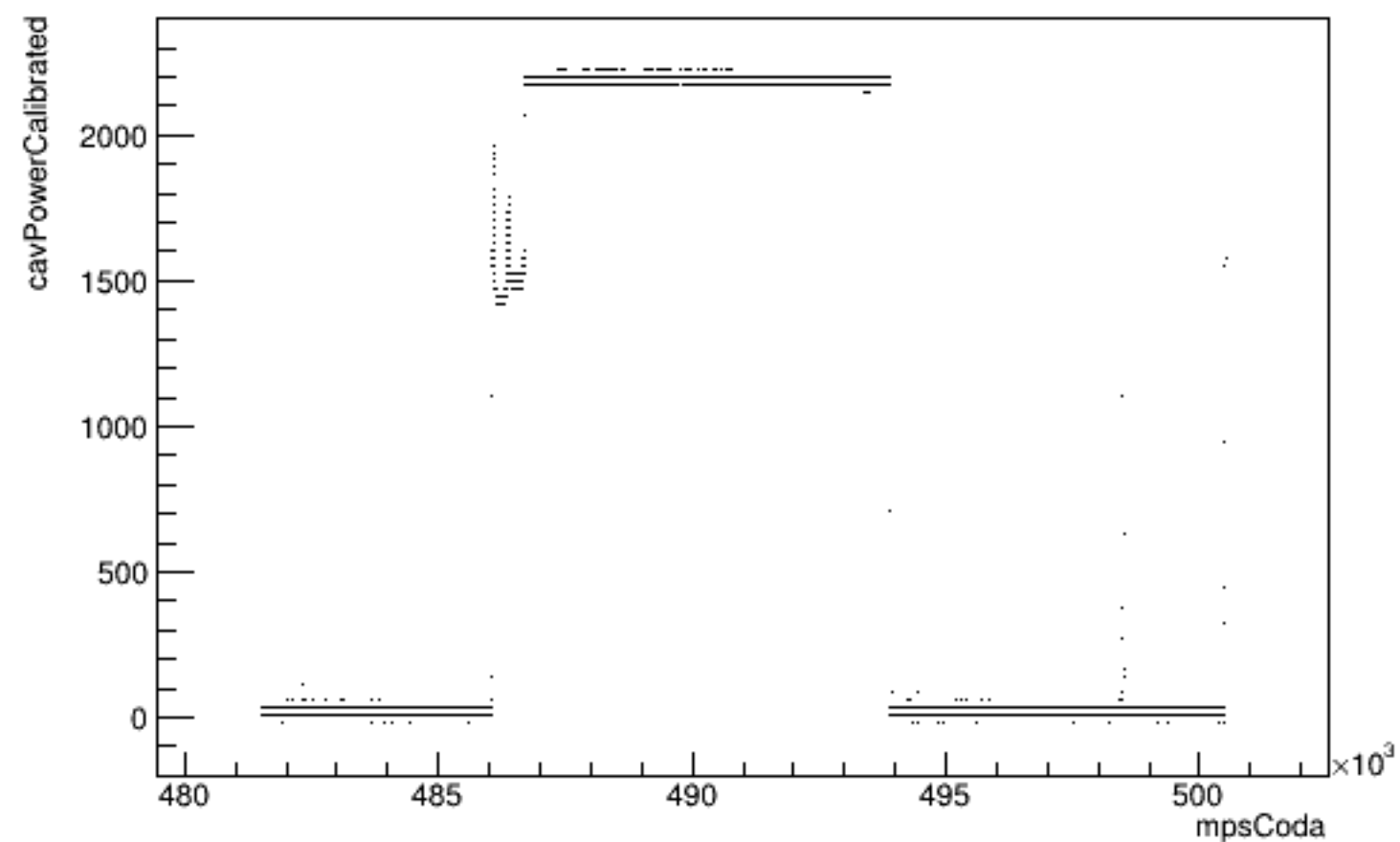
laserState:mpsCoda {mpsCoda>=481516 && mpsCoda<=500507}



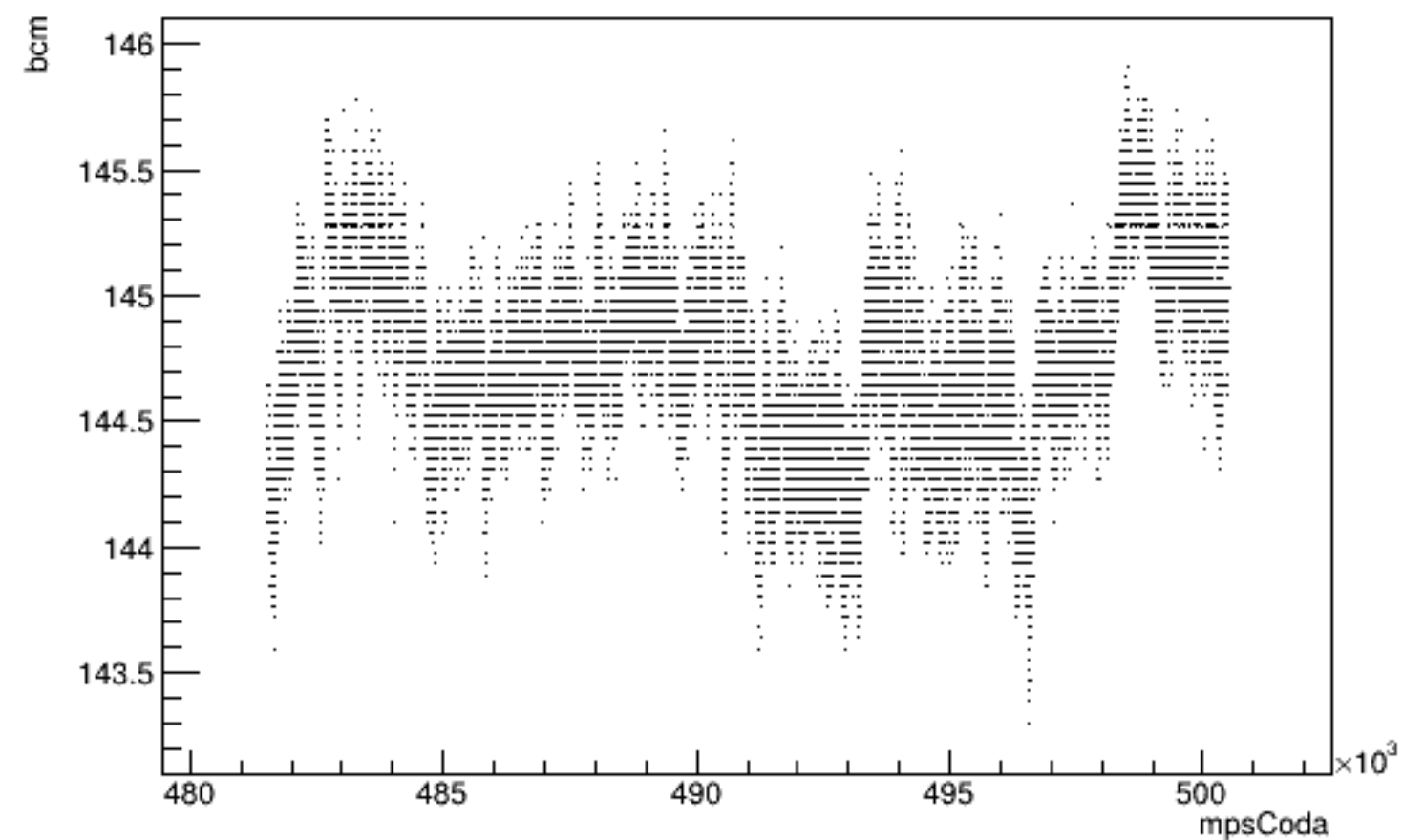
beamState + 1:mpsCoda {mpsCoda>=481516 && mpsCoda<=500507}



cavPowerCalibrated:mpsCoda {mpsCoda>=481516 && mpsCoda<=500507}



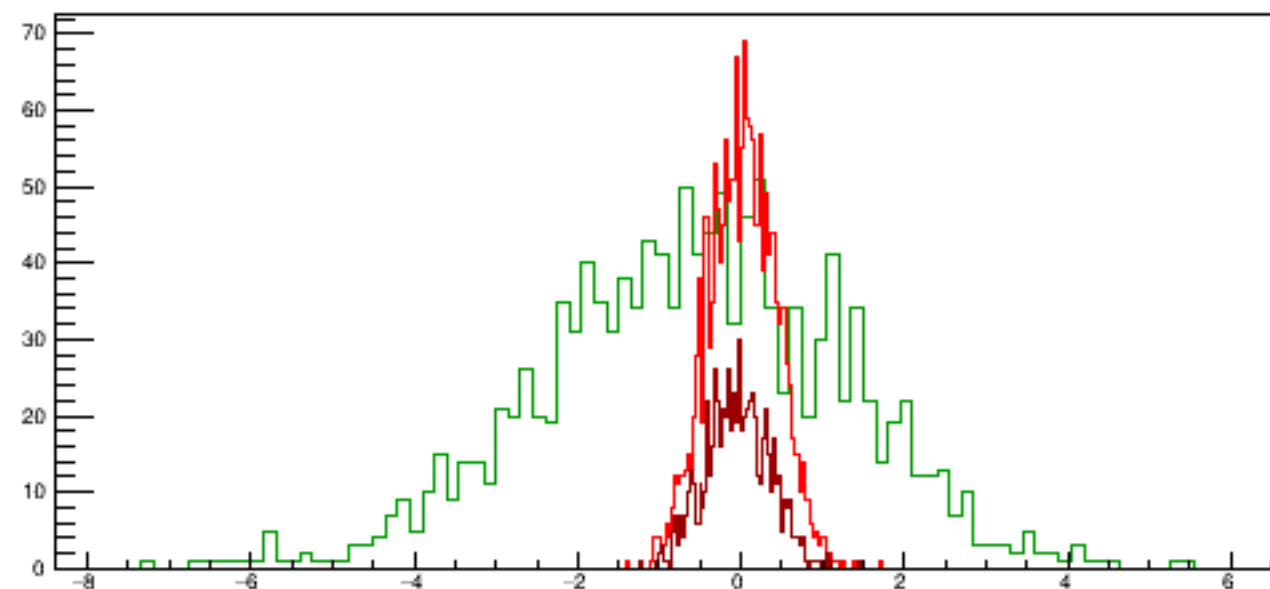
bcm:mpsCoda {mpsCoda>=481516 && mpsCoda<=500507}



Cycle 17, Diffs

Entries: 1658	Entries: 1302	Entries: 697
Mean: 0.0193 +/- 0.0101	Mean: -0.6034 +/- 0.0514	Mean: -0.0465 +/- 0.0150
Std Dev: 0.4108 +/- 0.0071	Std Dev: 1.8543 +/- 0.0363	Std Dev: 0.3952 +/- 0.0106

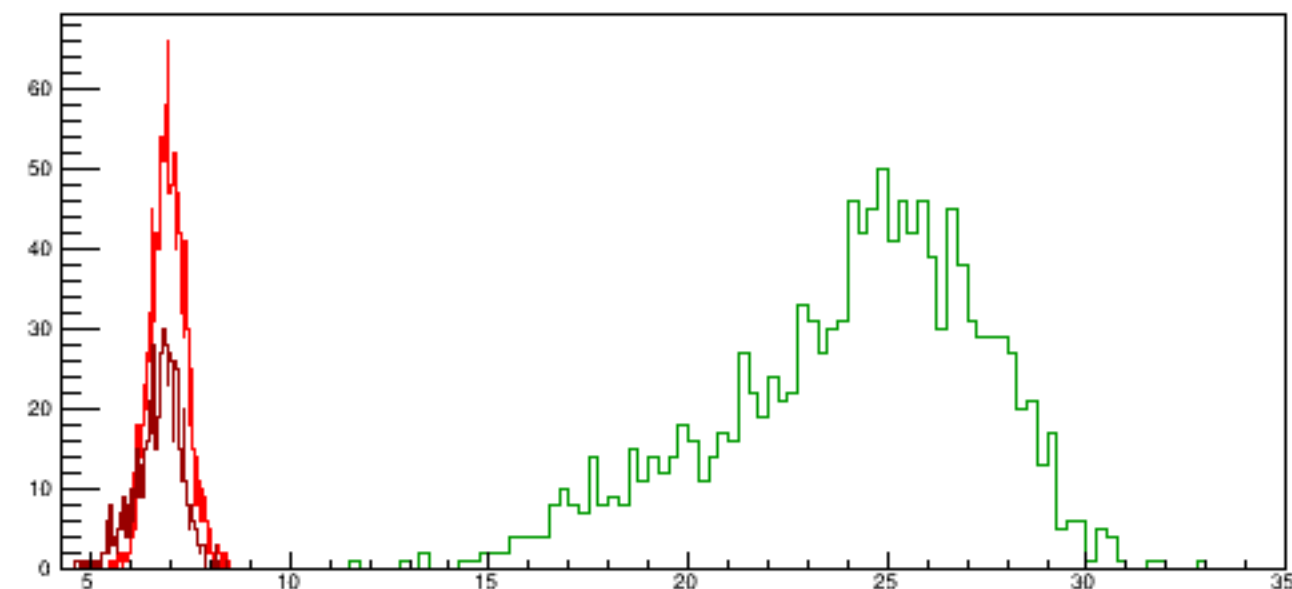
Run 5888 quartetwise, Diffs



Cycle 17, Sums

Entries: 1658	Entries: 1302	Entries: 697
Mean: 6.9424 +/- 0.0109	Mean: 24.0480 +/- 0.0933	Mean: 6.7072 +/- 0.0217
Std Dev: 0.4420 +/- 0.0077	Std Dev: 3.3664 +/- 0.0660	Std Dev: 0.5736 +/- 0.0154

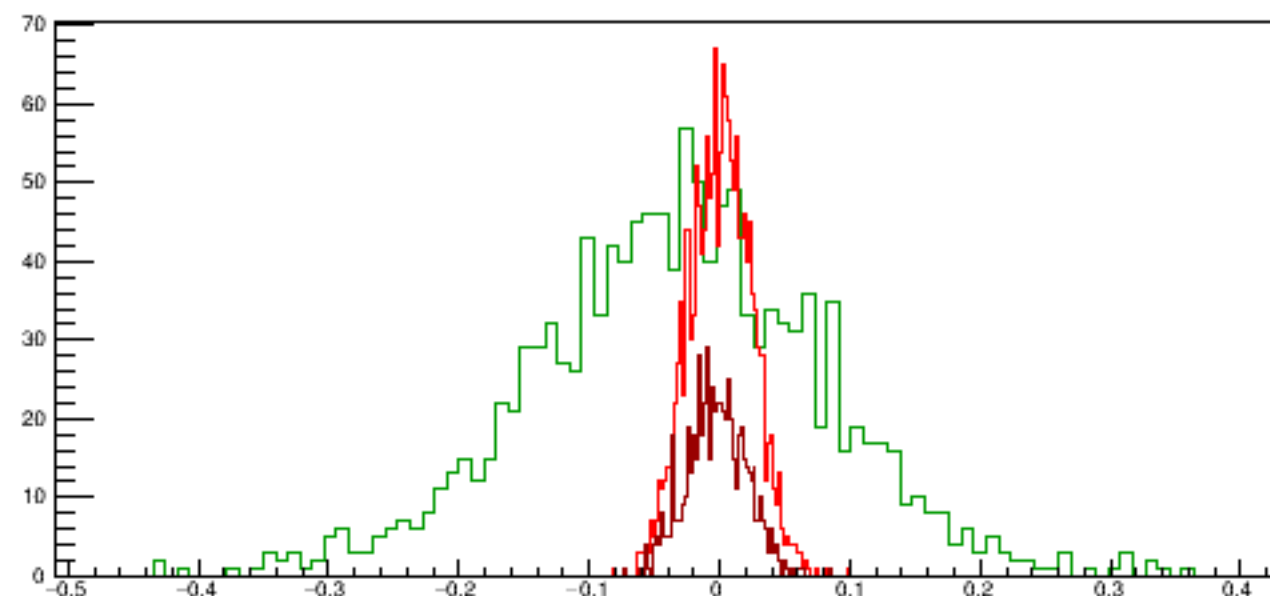
Run 5888 quartetwise, Sums



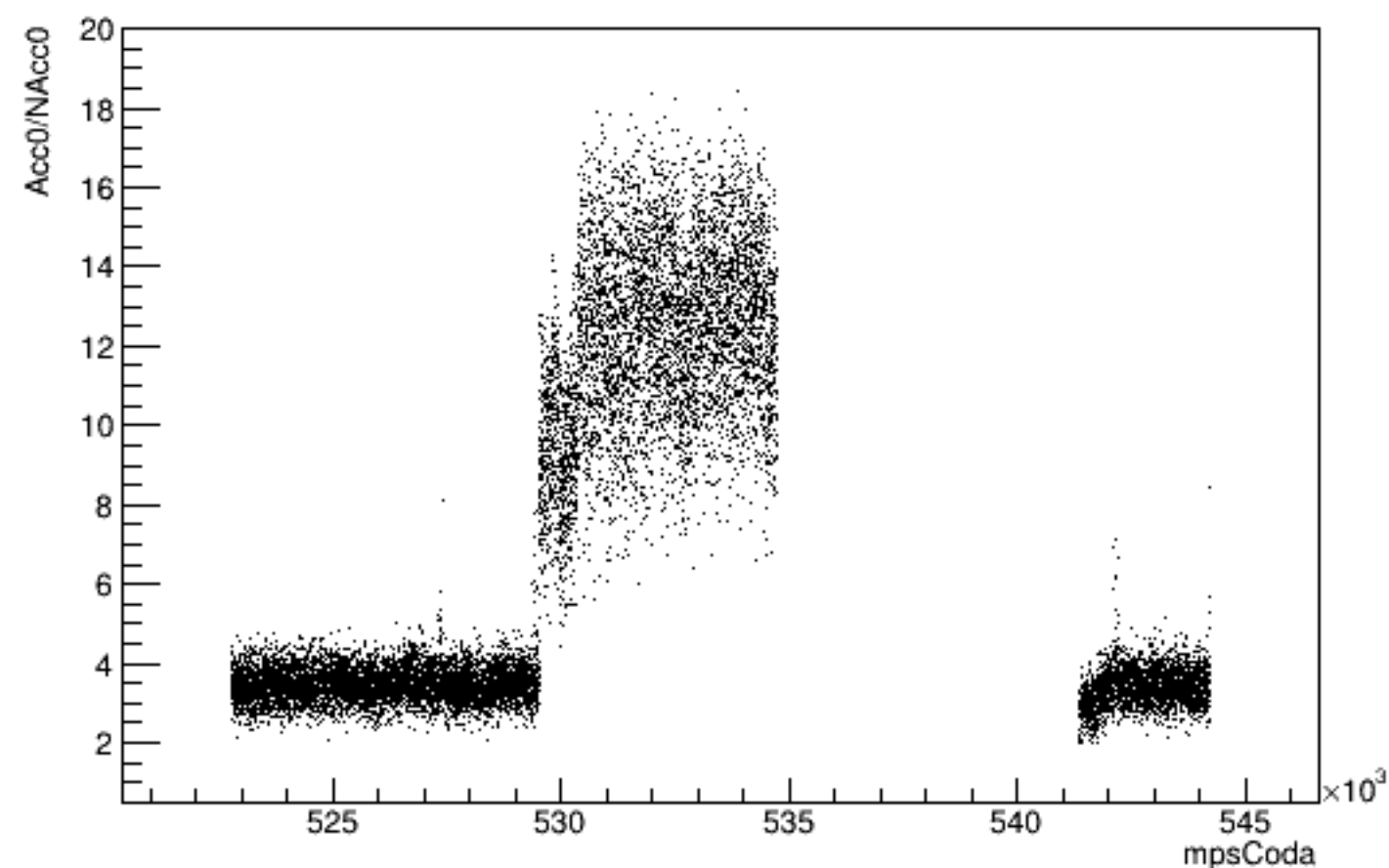
Cycle 17, Asyms

Entries: 1658	Entries: 1302	Entries: 697
Mean: 0.0011 +/- 0.0006	Mean: -0.0332 +/- 0.0031	Mean: -0.0027 +/- 0.0009
Std Dev: 0.0239 +/- 0.0004	Std Dev: 0.1135 +/- 0.0022	Std Dev: 0.0229 +/- 0.0006

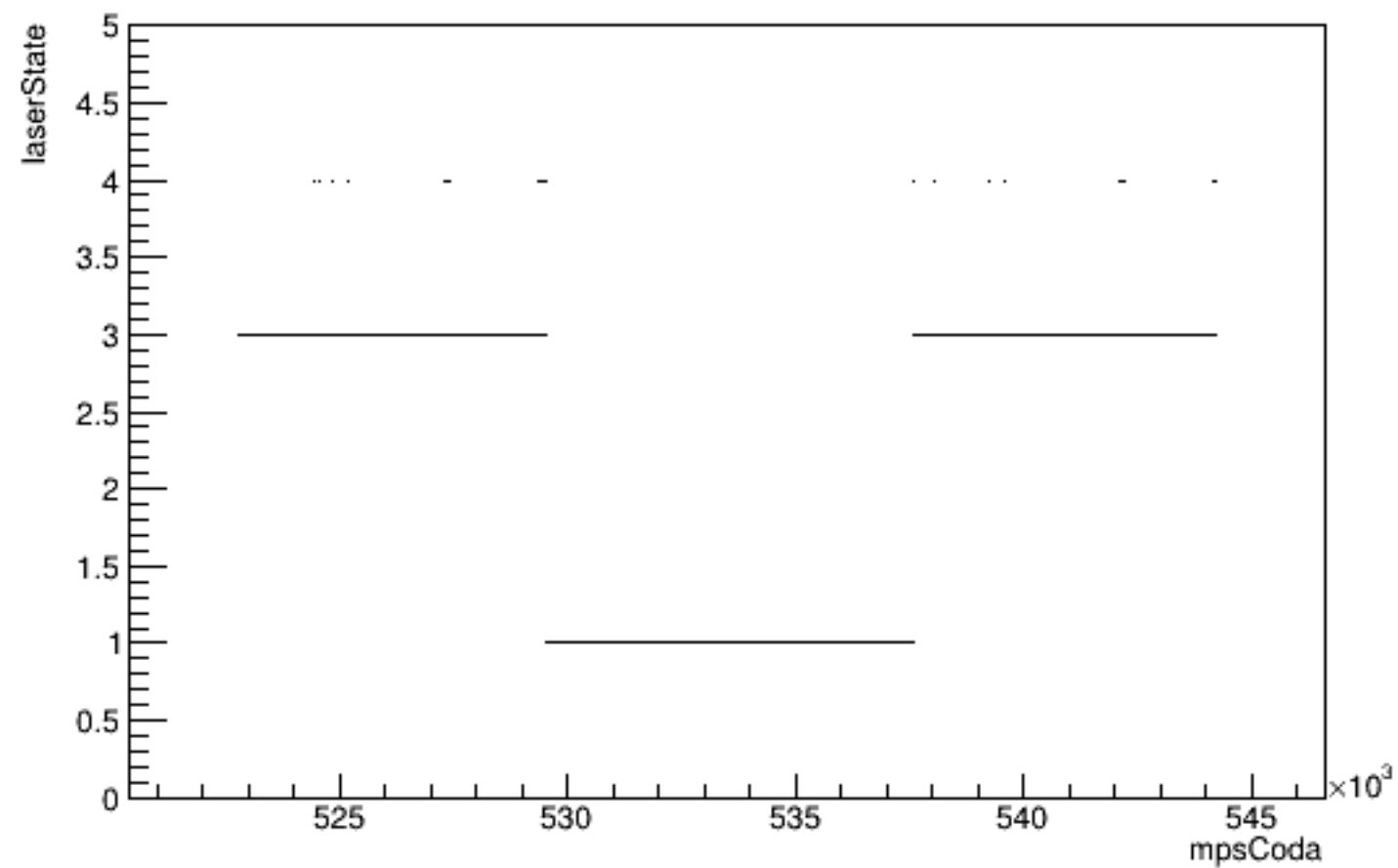
Run 5888 quartetwise, Asyms



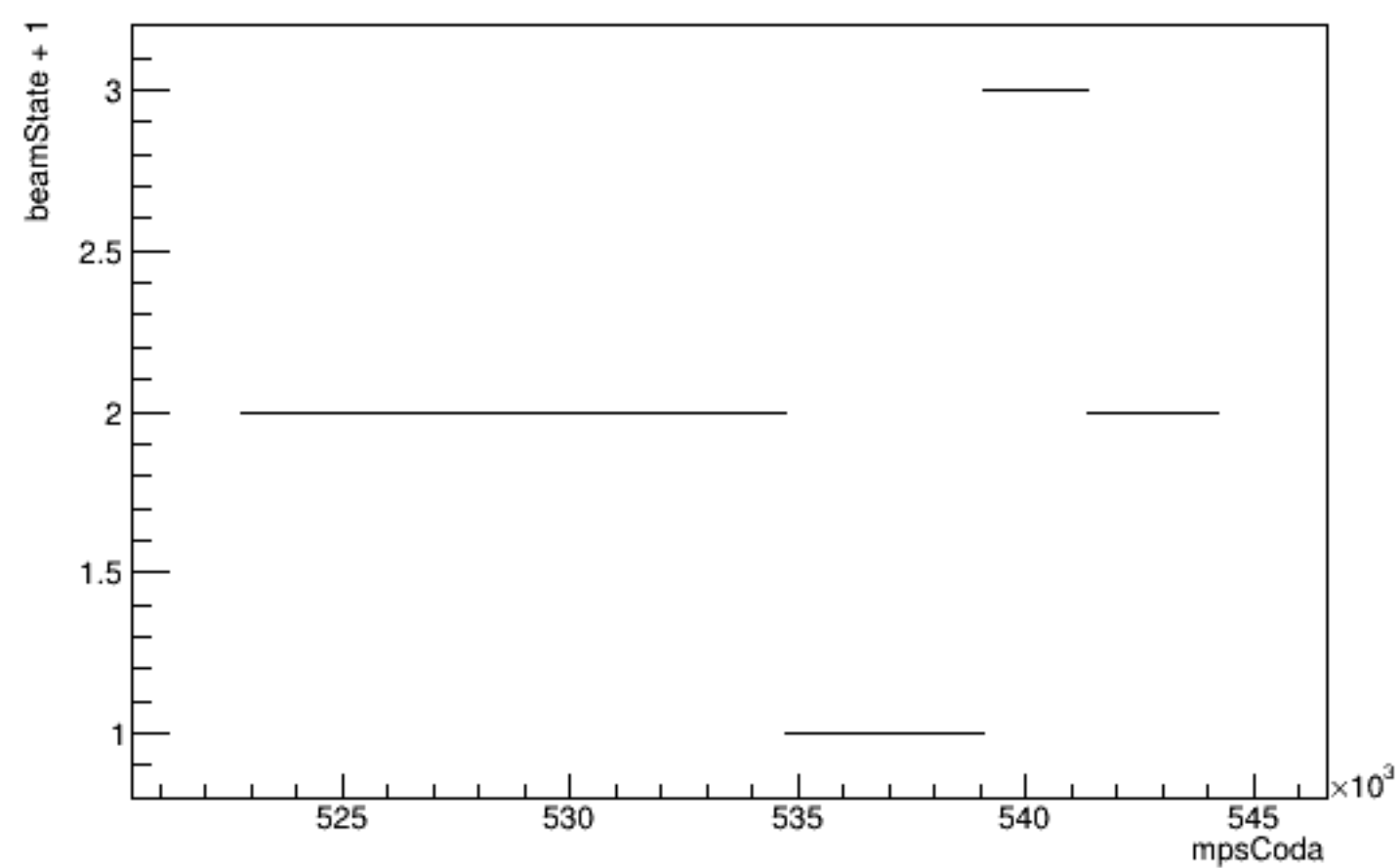
Acc0/NAcc0:mpsCoda (mpsCoda>=522776 && mpsCoda<=544215 && beamState==1)



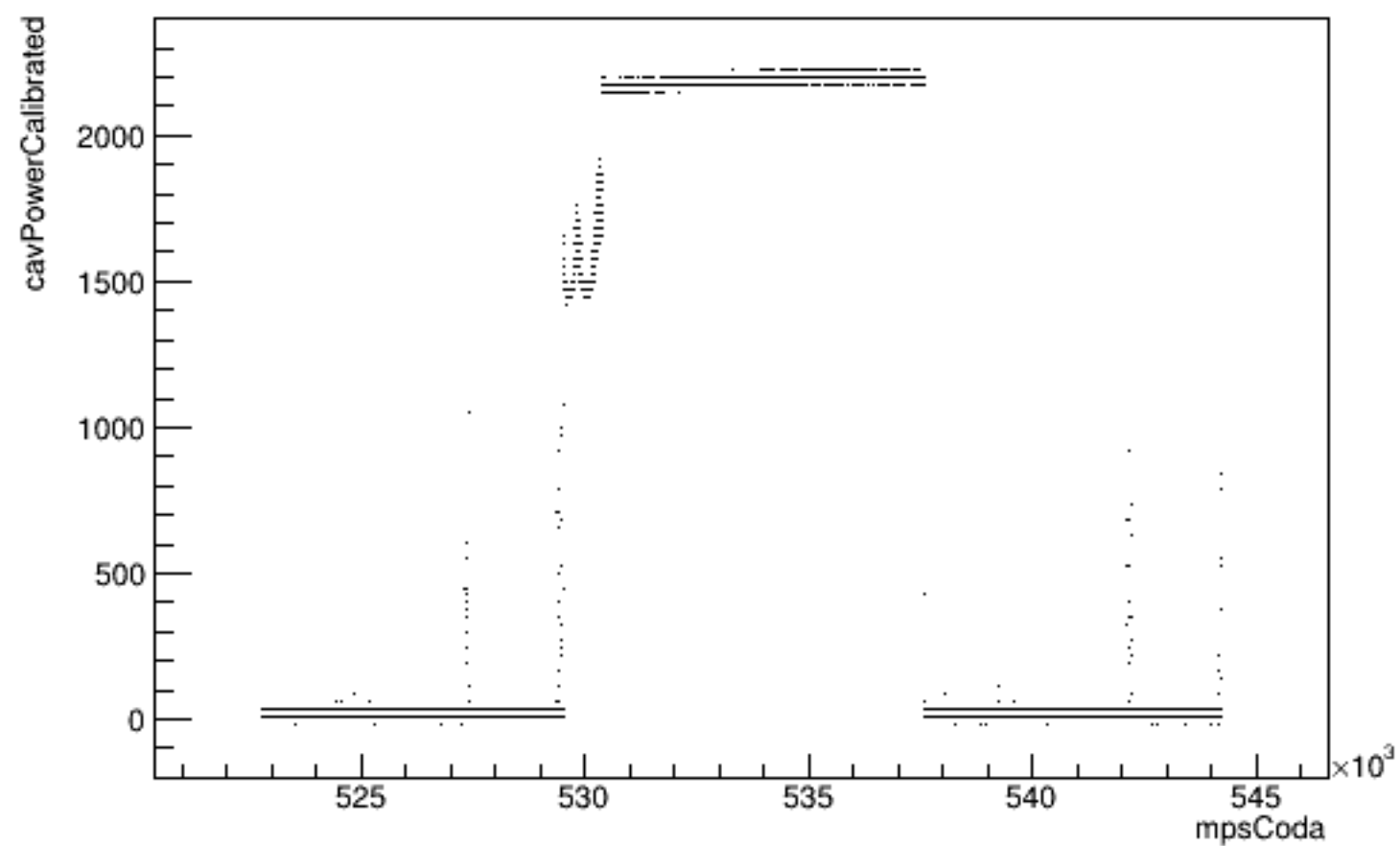
laserState:mpsCoda {mpsCoda>=522776 && mpsCoda<=544215}



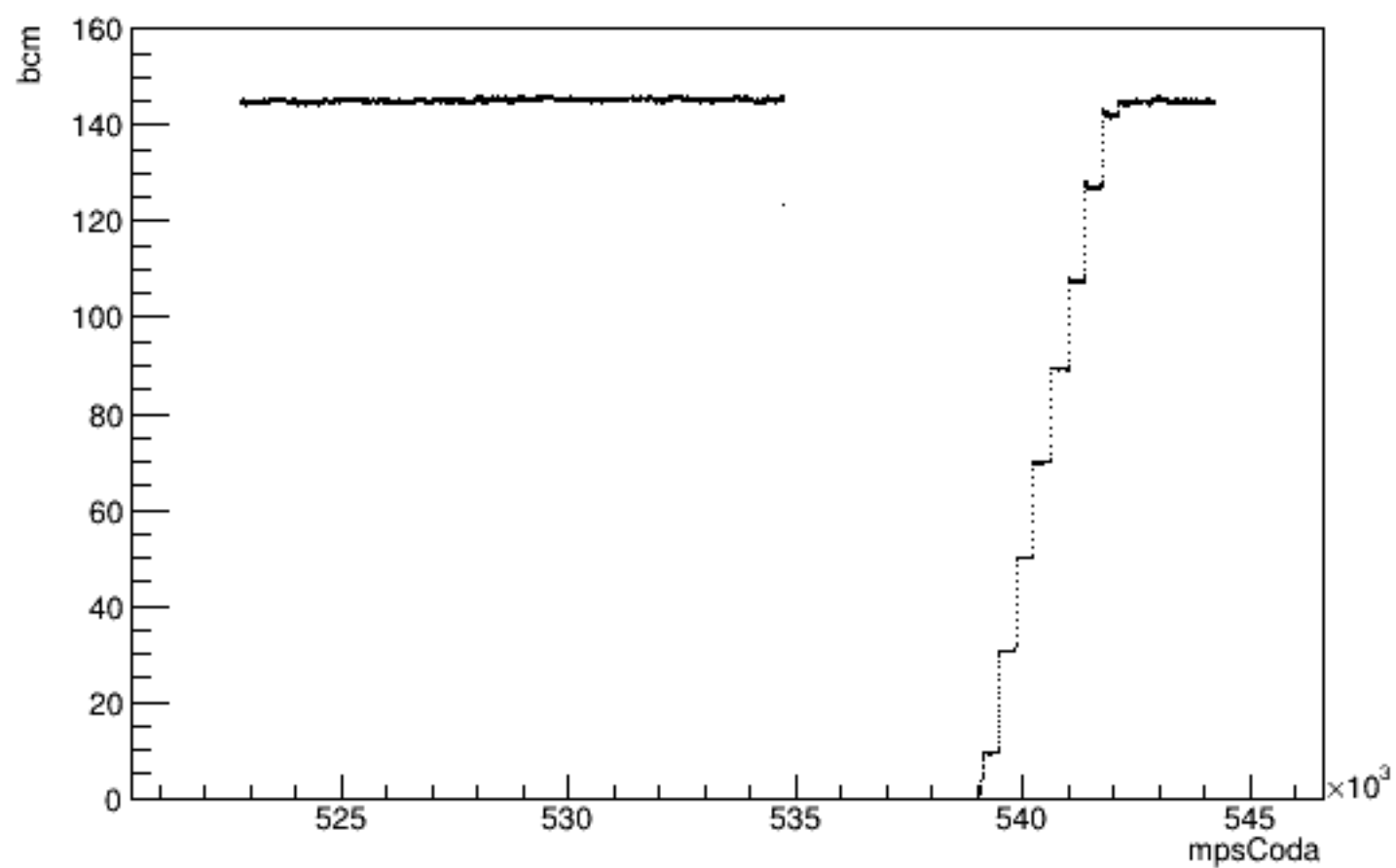
beamState + 1:mpsCoda {mpsCoda>=522776 && mpsCoda<=544215}



cavPowerCalibrated:mpsCoda {mpsCoda>=522776 && mpsCoda<=544215}



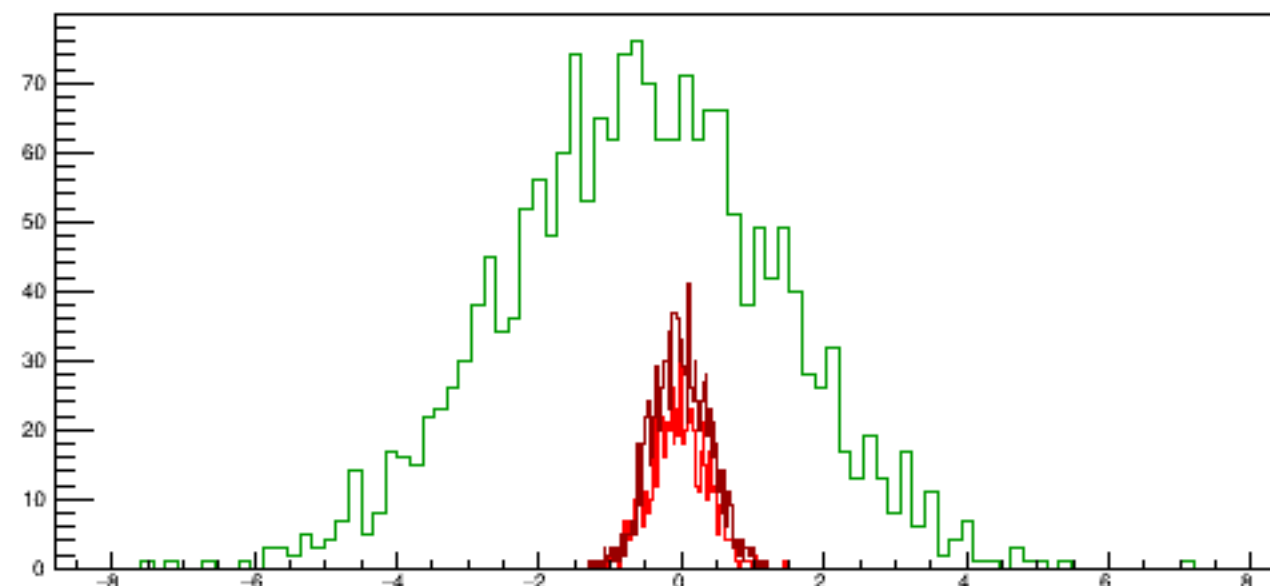
bcm:mpsCoda {mpsCoda>=522776 && mpsCoda<=544215}



Cycle 18, Diffs

Entries: 697	Entries: 1920	Entries: 1133
Mean: -0.0465 +/- 0.0150	Mean: -0.5941 +/- 0.0435	Mean: -0.0127 +/- 0.0119
Std Dev: 0.3952 +/- 0.0106	Std Dev: 1.9048 +/- 0.0307	Std Dev: 0.4005 +/- 0.0084

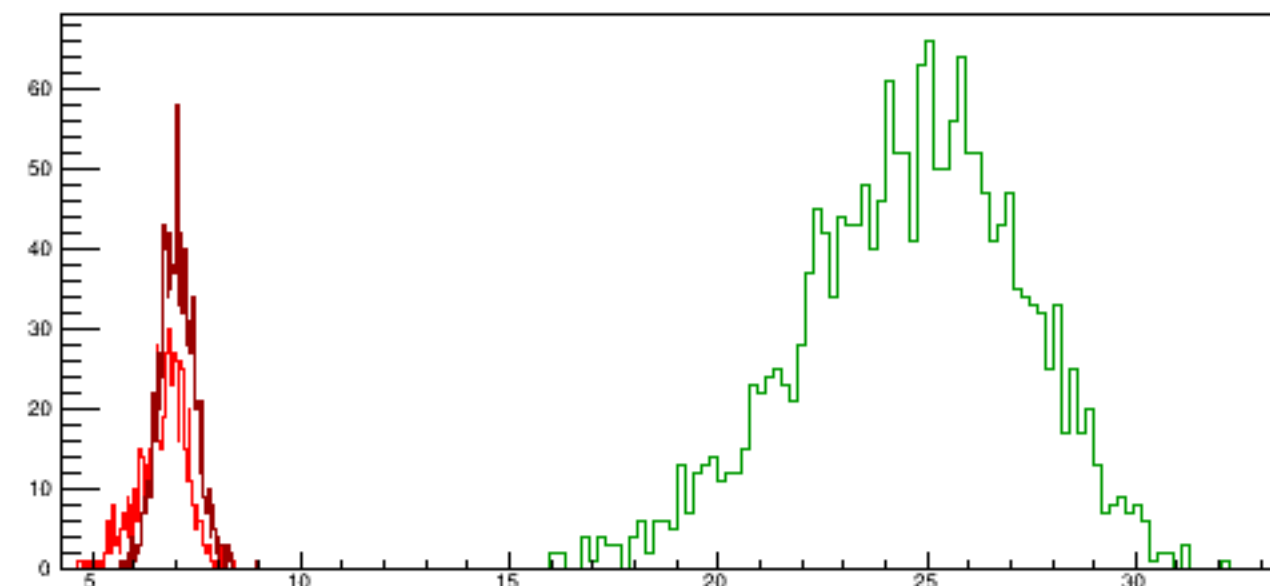
Run 5888 quartetwise, Diffs



Cycle 18, Sums

Entries: 697	Entries: 1920	Entries: 1133
Mean: 6.7072 +/- 0.0217	Mean: 24.5821 +/- 0.0608	Mean: 7.0318 +/- 0.0128
Std Dev: 0.5736 +/- 0.0154	Std Dev: 2.6639 +/- 0.0430	Std Dev: 0.4314 +/- 0.0091

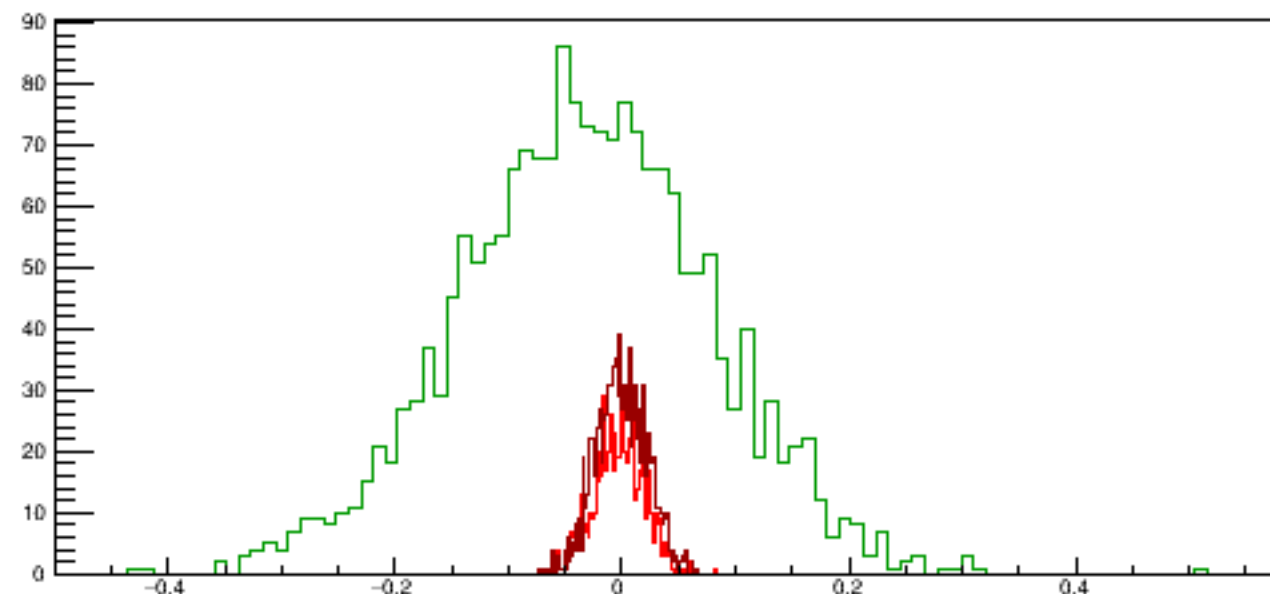
Run 5888 quartetwise, Sums



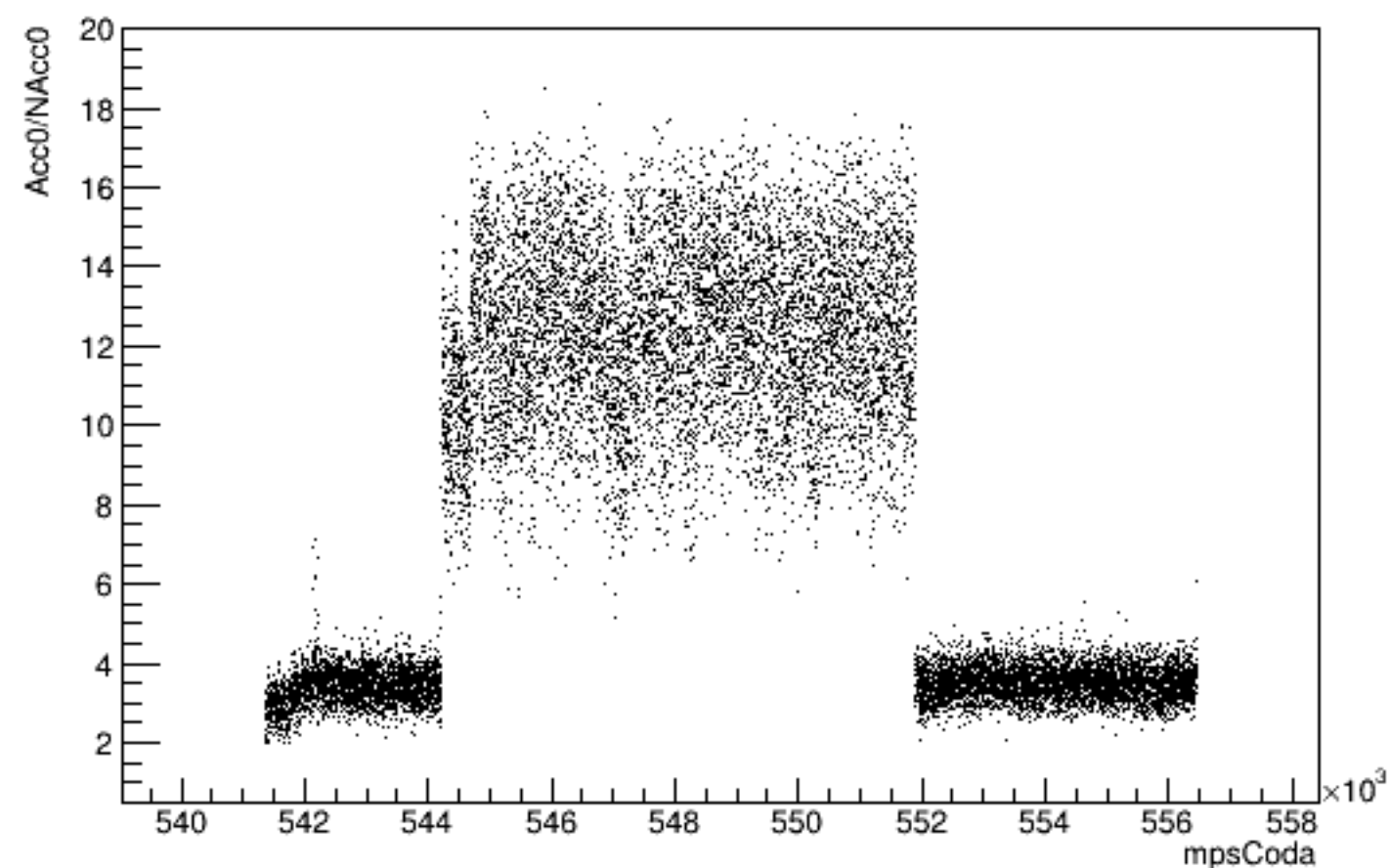
Cycle 18, Asyms

Entries: 697	Entries: 1920	Entries: 1133
Mean: -0.0026 +/- 0.0008	Mean: -0.0331 +/- 0.0025	Mean: -0.0007 +/- 0.0007
Std Dev: 0.0223 +/- 0.0006	Std Dev: 0.1106 +/- 0.0018	Std Dev: 0.0226 +/- 0.0005

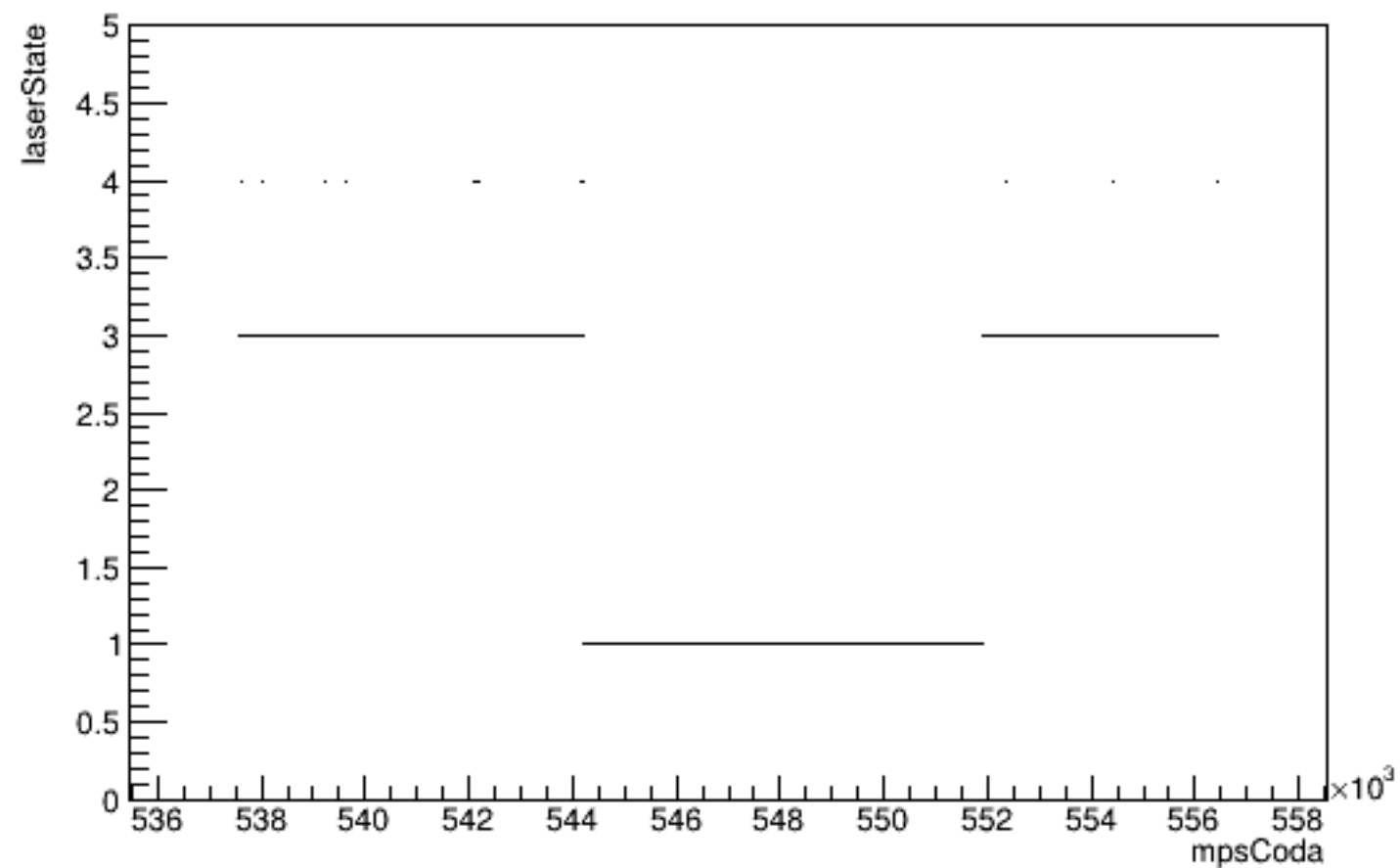
Run 5888 quartetwise, Asyms



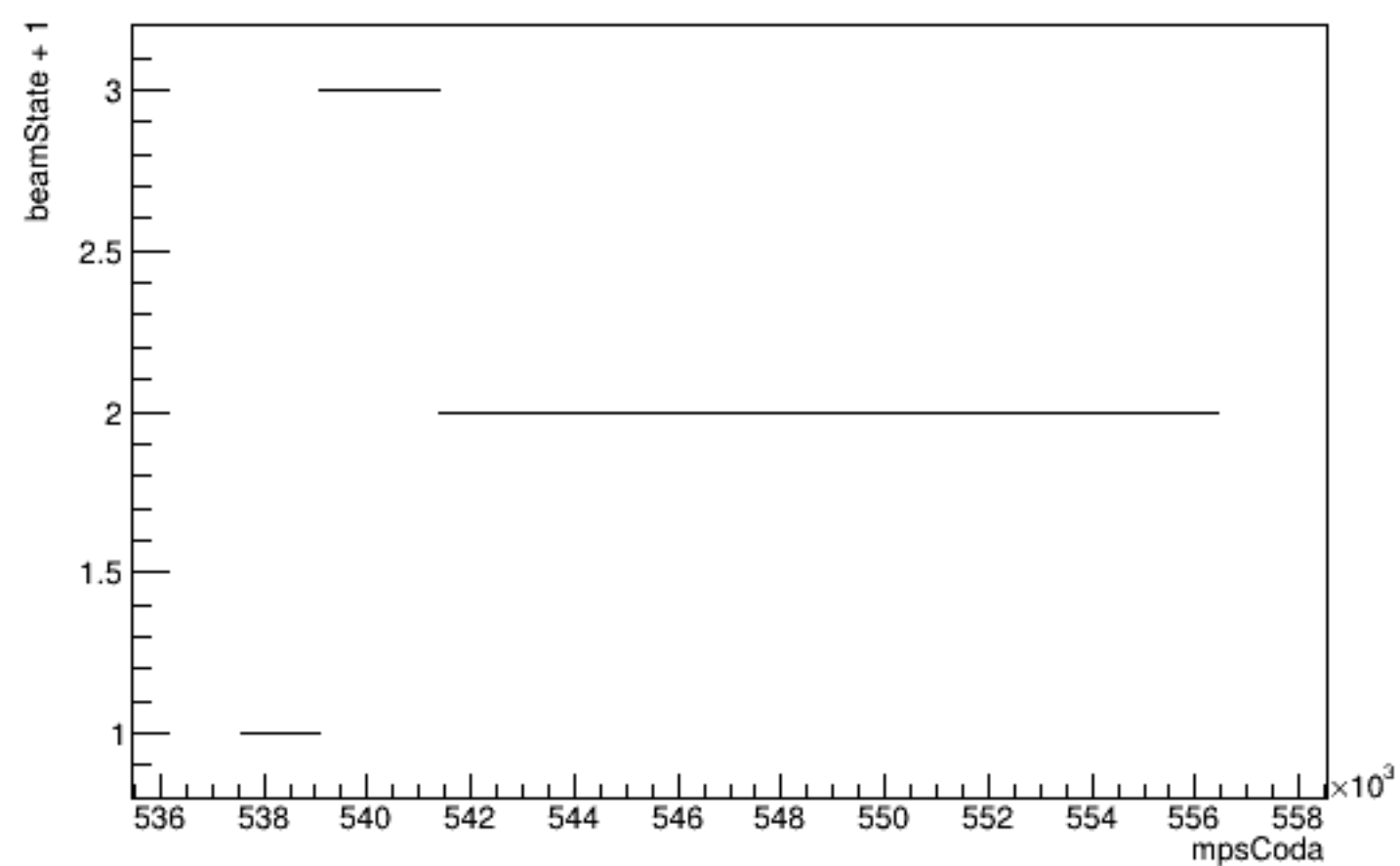
Acc0/NAcc0:mpsCoda (mpsCoda>=537580 && mpsCoda<=556443 && beamState==1)



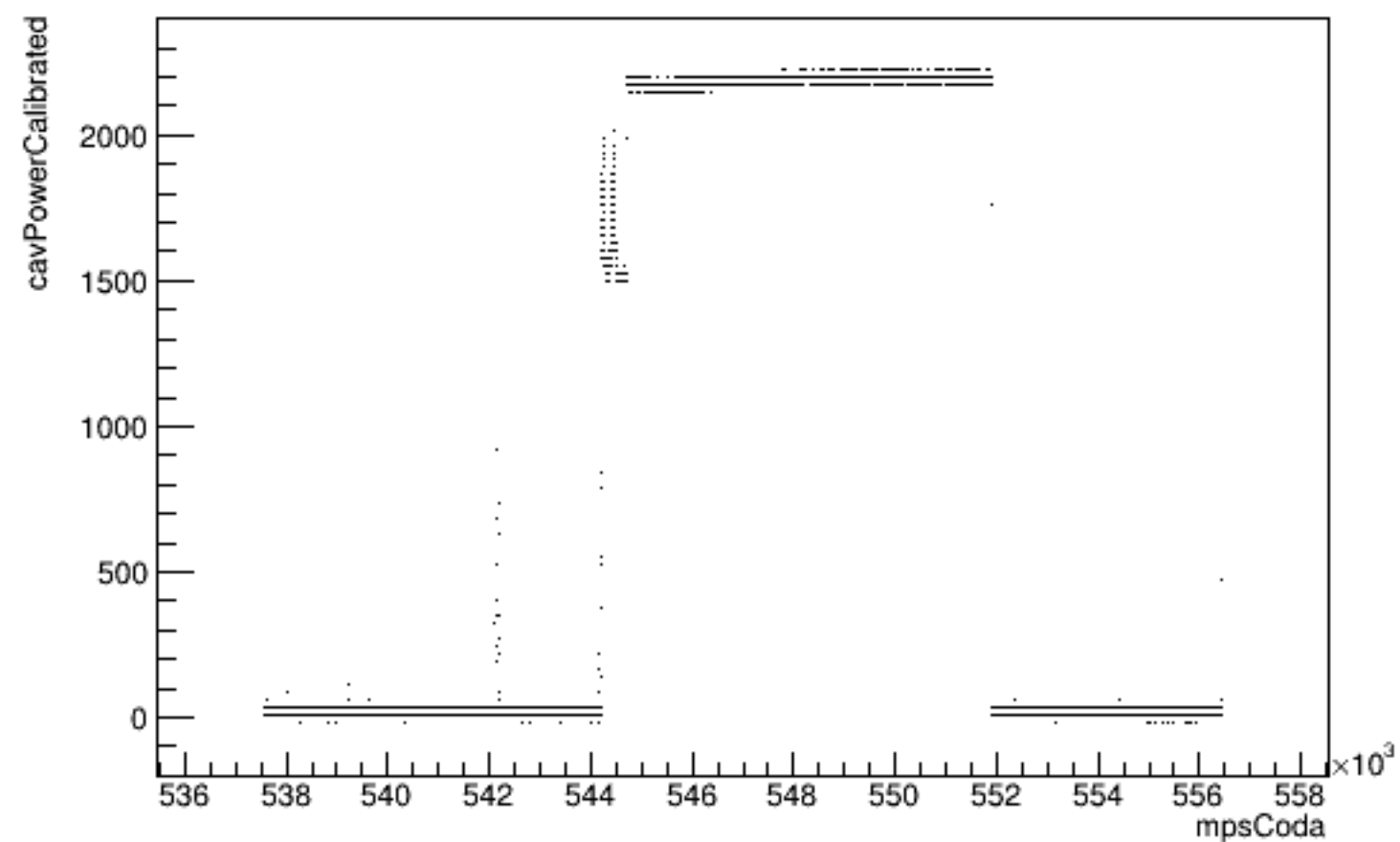
laserState:mpsCoda {mpsCoda>=537580 && mpsCoda<=556443}



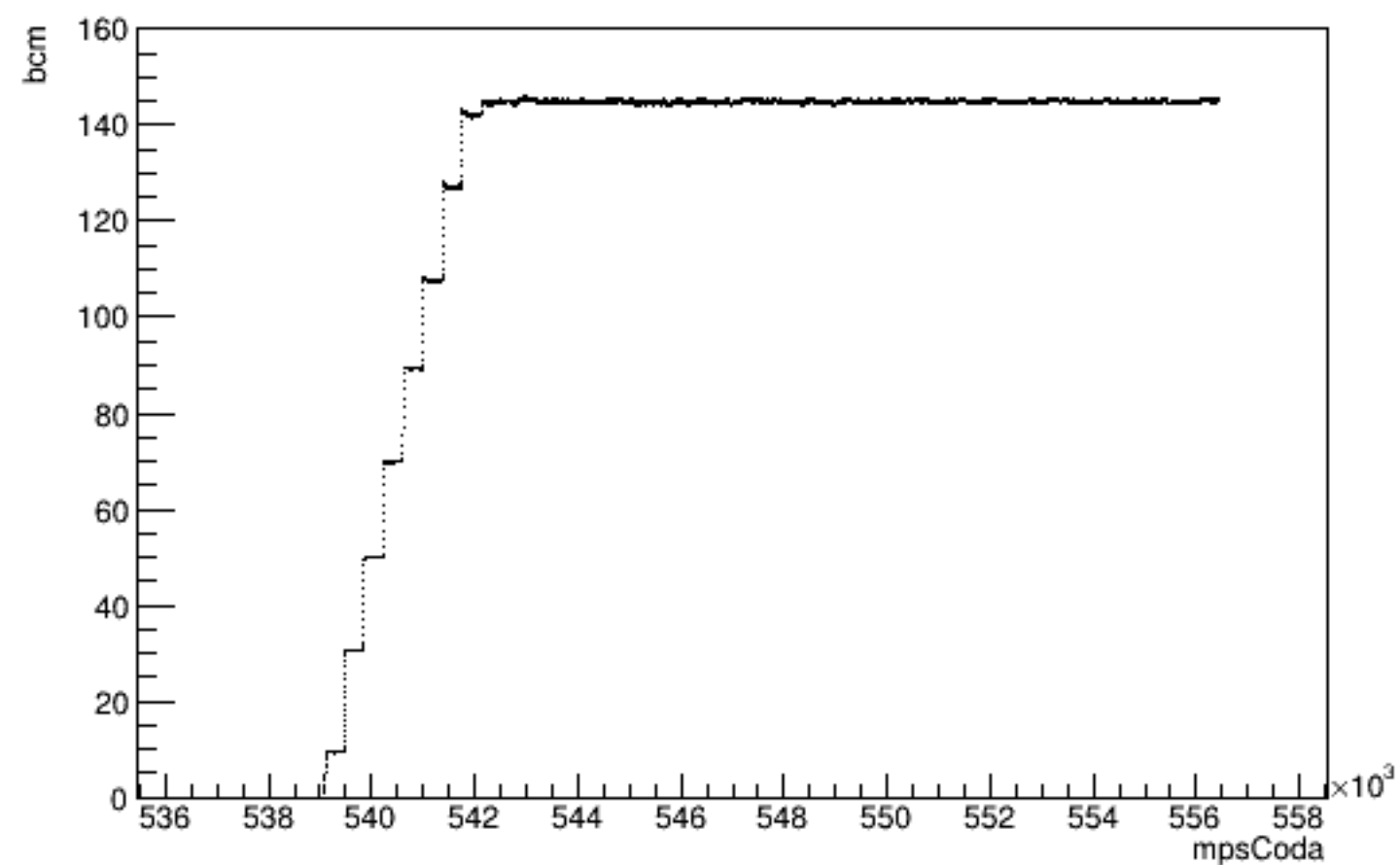
beamState + 1:mpsCoda {mpsCoda>=537580 && mpsCoda<=556443}



cavPowerCalibrated:mpsCoda {mpsCoda>=537580 && mpsCoda<=556443}



bcm:mpsCoda {mpsCoda>=537580 && mpsCoda<=556443}



Cycle 19, Diffs

Entries: 1133

Mean: -0.0127 +/- 0.0119

Std Dev: 0.4005 +/- 0.0084

Entries: 2019

Mean: -0.5478 +/- 0.0391

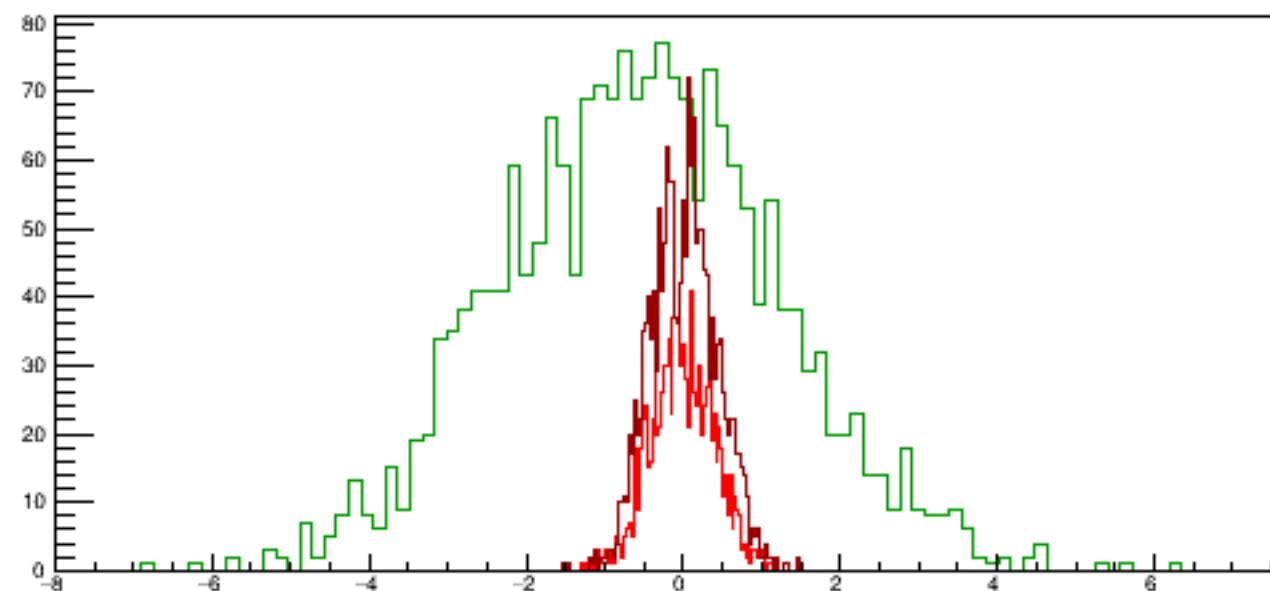
Std Dev: 1.7549 +/- 0.0276

Entries: 1654

Mean: 0.0095 +/- 0.0104

Std Dev: 0.4228 +/- 0.0074

Run 5888 quartetwise, Diffs



Cycle 19, Sums

Entries: 1133

Mean: 7.0318 +/- 0.0128

Std Dev: 0.4314 +/- 0.0091

Entries: 2019

Mean: 24.7615 +/- 0.0643

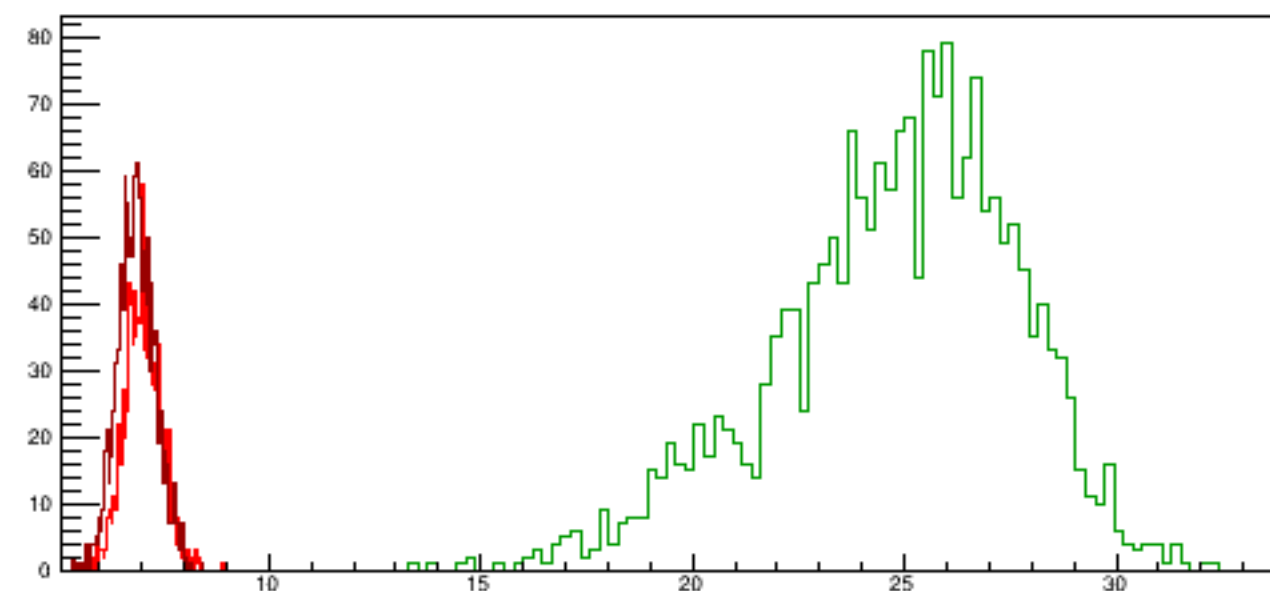
Std Dev: 2.8879 +/- 0.0454

Entries: 1654

Mean: 6.8851 +/- 0.0108

Std Dev: 0.4386 +/- 0.0076

Run 5888 quartetwise, Sums



Cycle 19, Asyms

Entries: 1133

Mean: -0.0007 +/- 0.0007

Std Dev: 0.0225 +/- 0.0005

Entries: 2019

Mean: -0.0306 +/- 0.0023

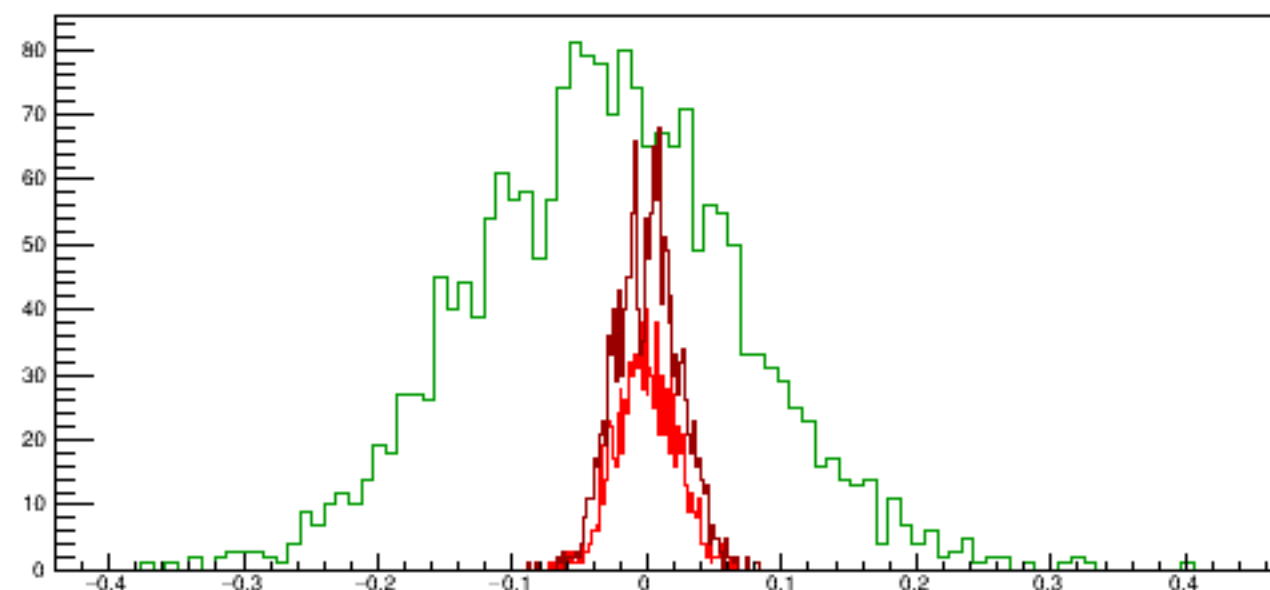
Std Dev: 0.1018 +/- 0.0016

Entries: 1654

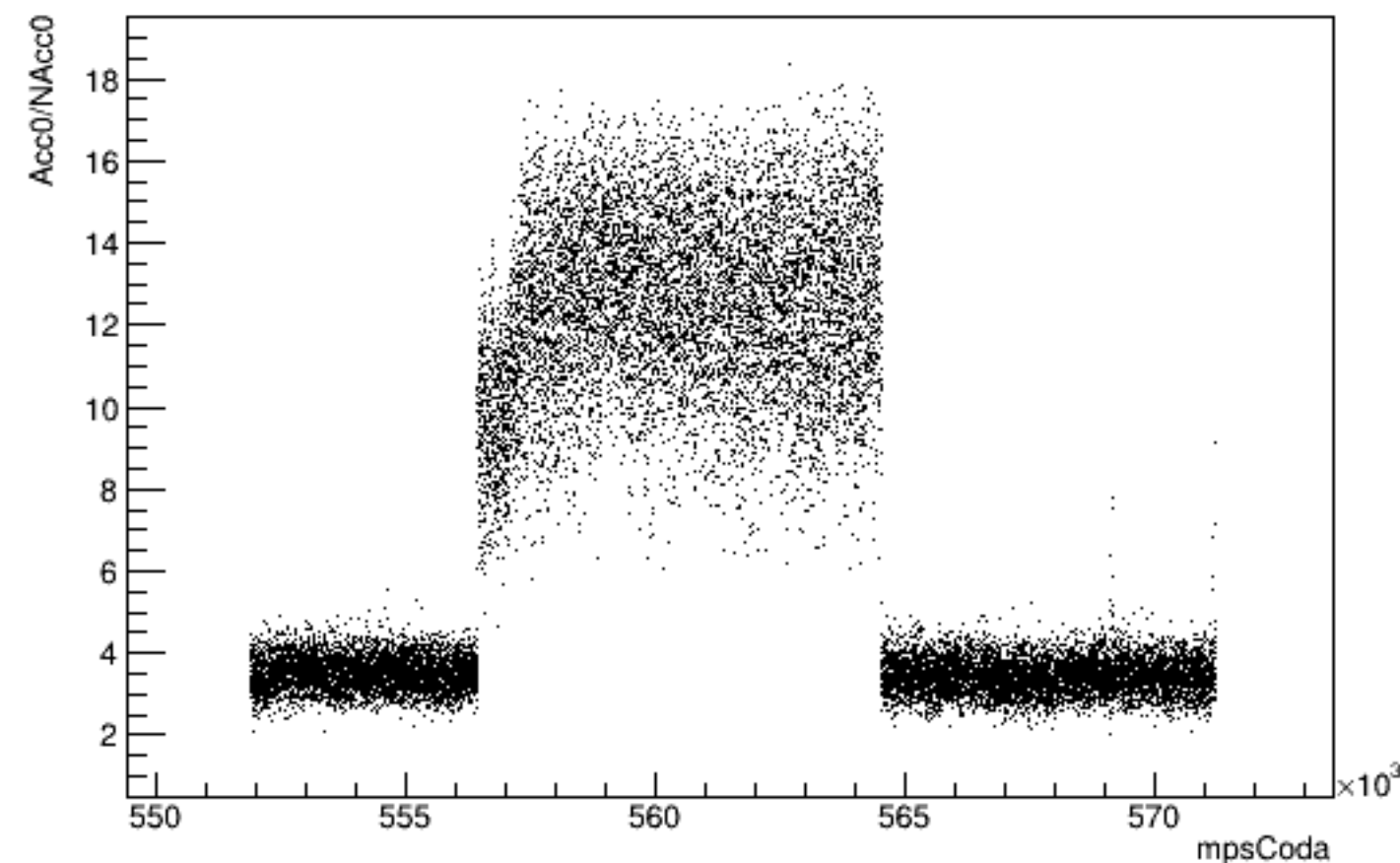
Mean: 0.0005 +/- 0.0006

Std Dev: 0.0238 +/- 0.0004

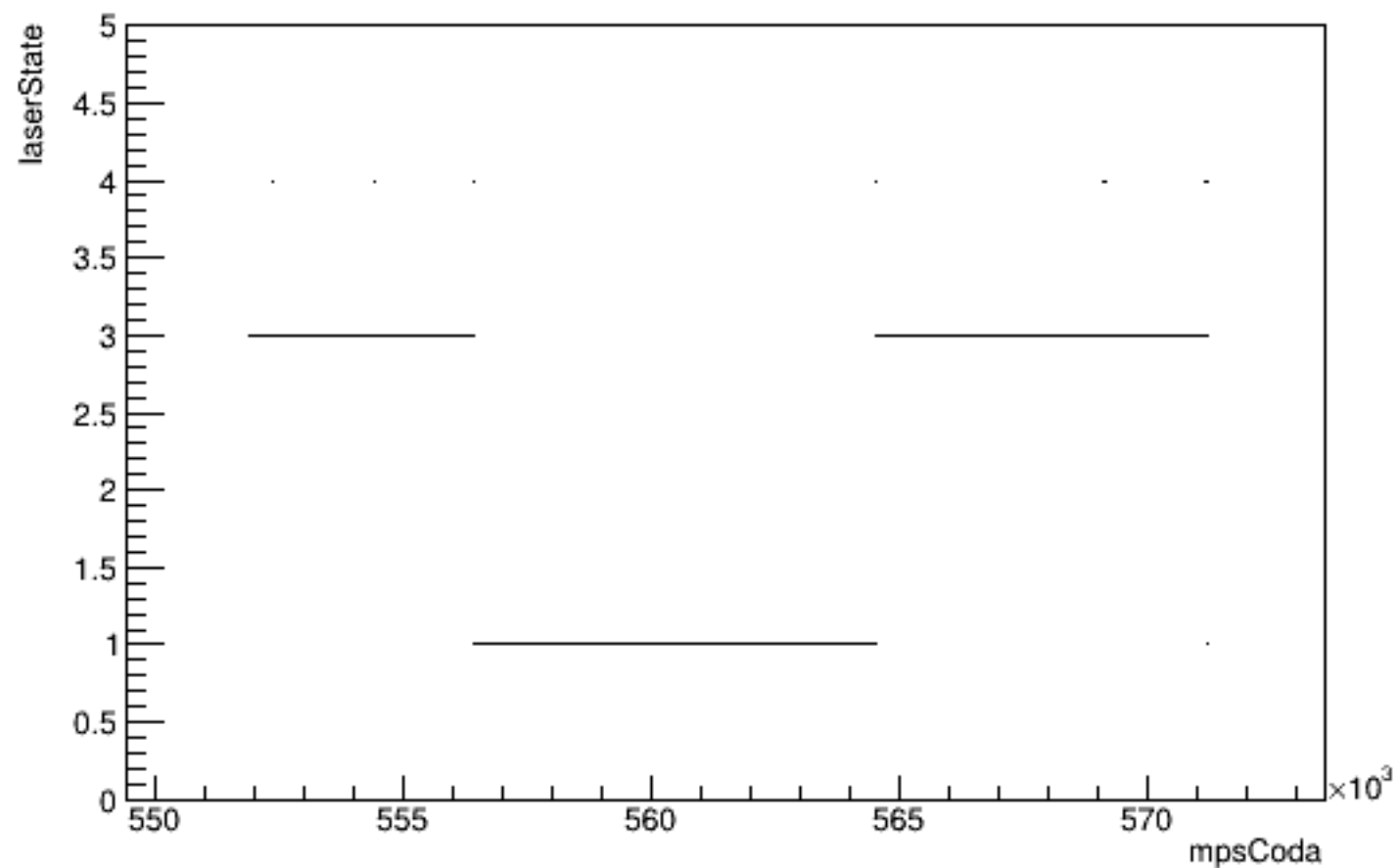
Run 5888 quartetwise, Asyms



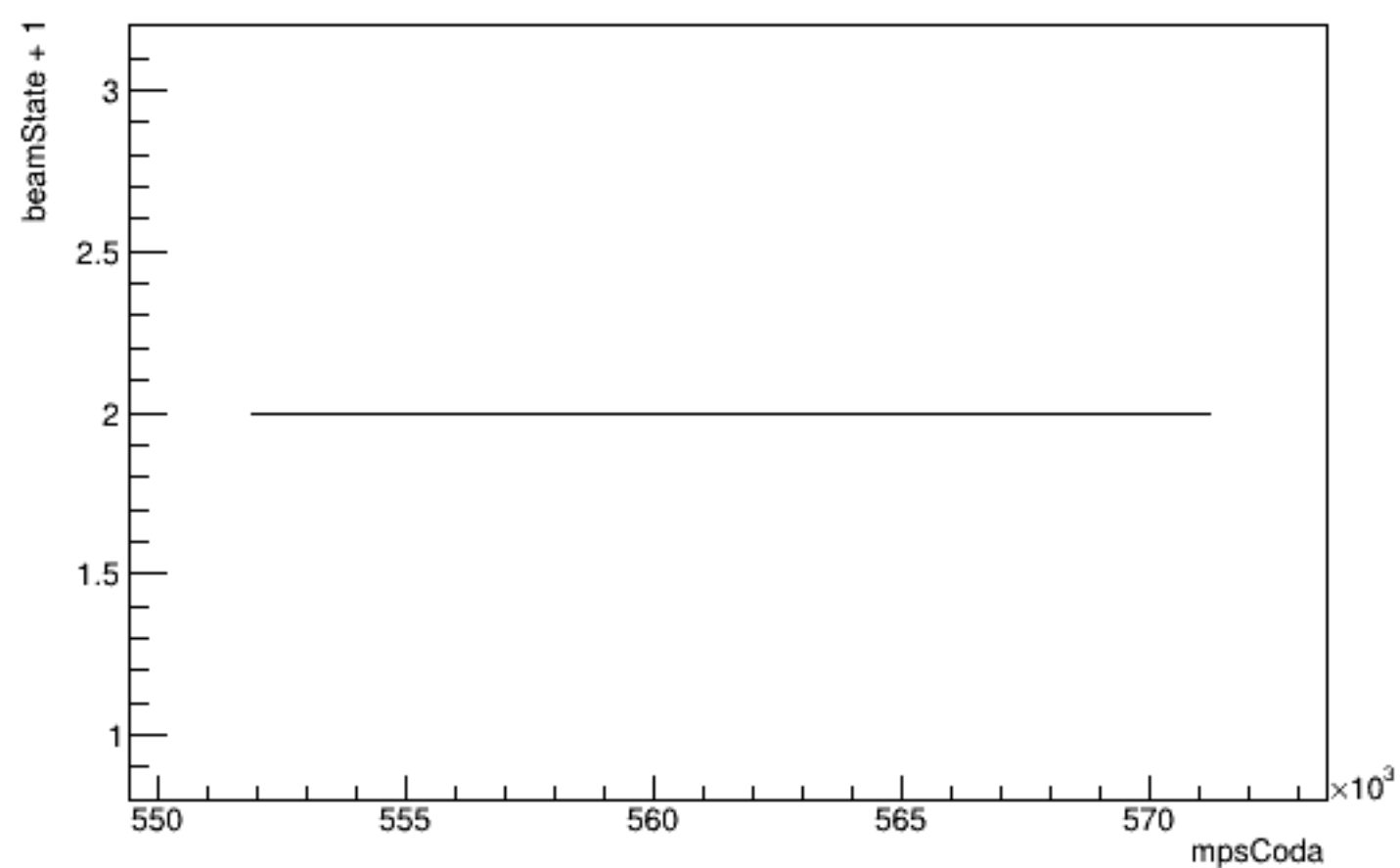
Acc0/NAcc0:mpsCoda (mpsCoda>=551900 && mpsCoda<=571195 && beamState==1)



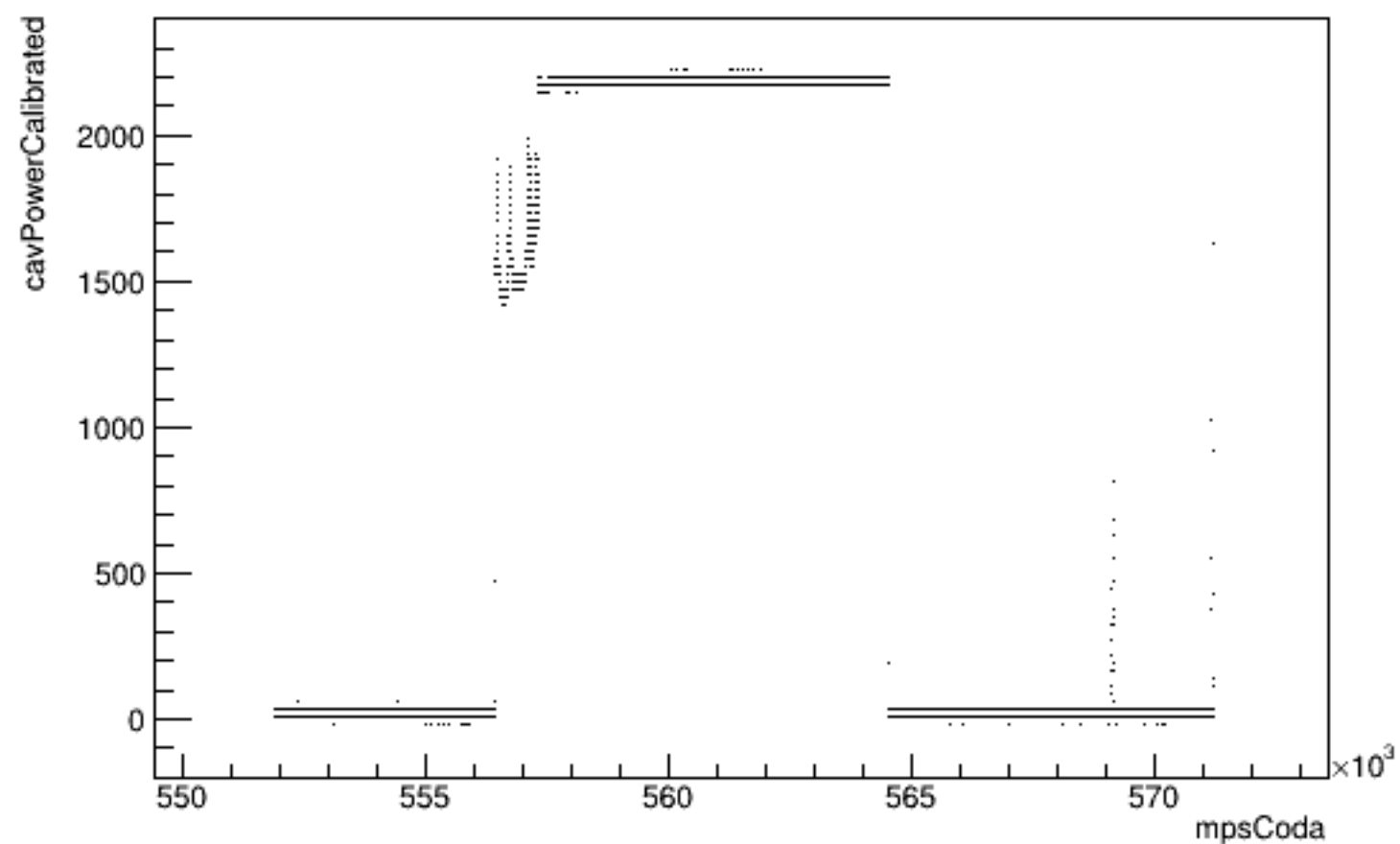
laserState:mpsCoda {mpsCoda>=551900 && mpsCoda<=571195}



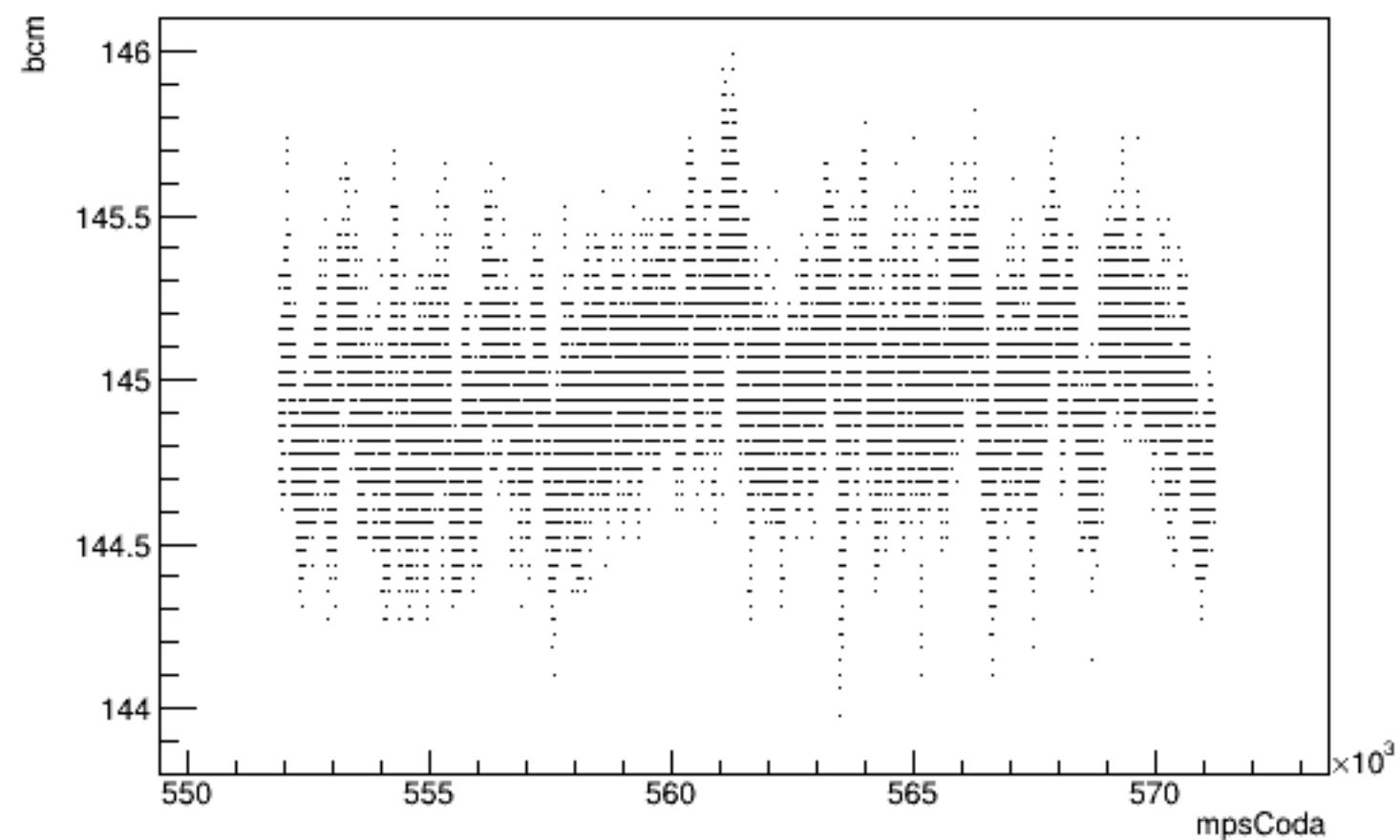
beamState + 1:mpsCoda {mpsCoda>=551900 && mpsCoda<=571195}



cavPowerCalibrated:mpsCoda {mpsCoda>=551900 && mpsCoda<=571195}



bcm:mpsCoda {mpsCoda>=551900 && mpsCoda<=571195}



Cycle 20, Diffs

Entries: 1654

Mean: 0.0095 +/- 0.0104

Std Dev: 0.4228 +/- 0.0074

Entries: 2032

Mean: -0.5972 +/- 0.0359

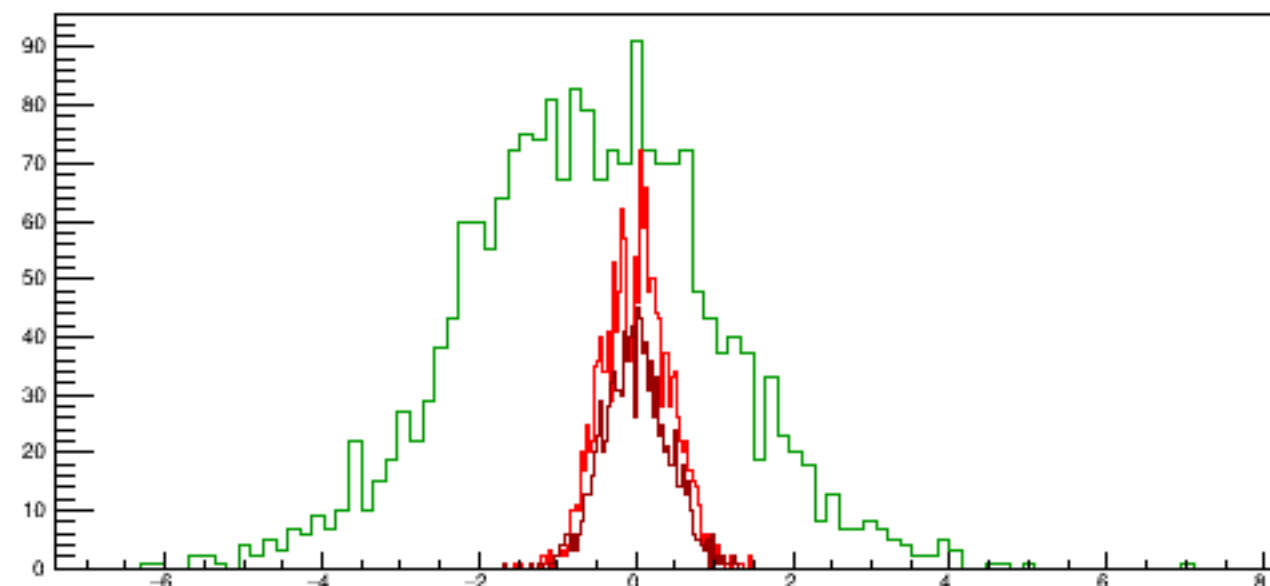
Std Dev: 1.6192 +/- 0.0254

Entries: 1138

Mean: -0.0048 +/- 0.0124

Std Dev: 0.4184 +/- 0.0088

Run 5888 quartetwise, Diffs



Cycle 20, Sums

Entries: 1654

Mean: 6.8851 +/- 0.0108

Std Dev: 0.4386 +/- 0.0076

Entries: 2032

Mean: 24.9452 +/- 0.0605

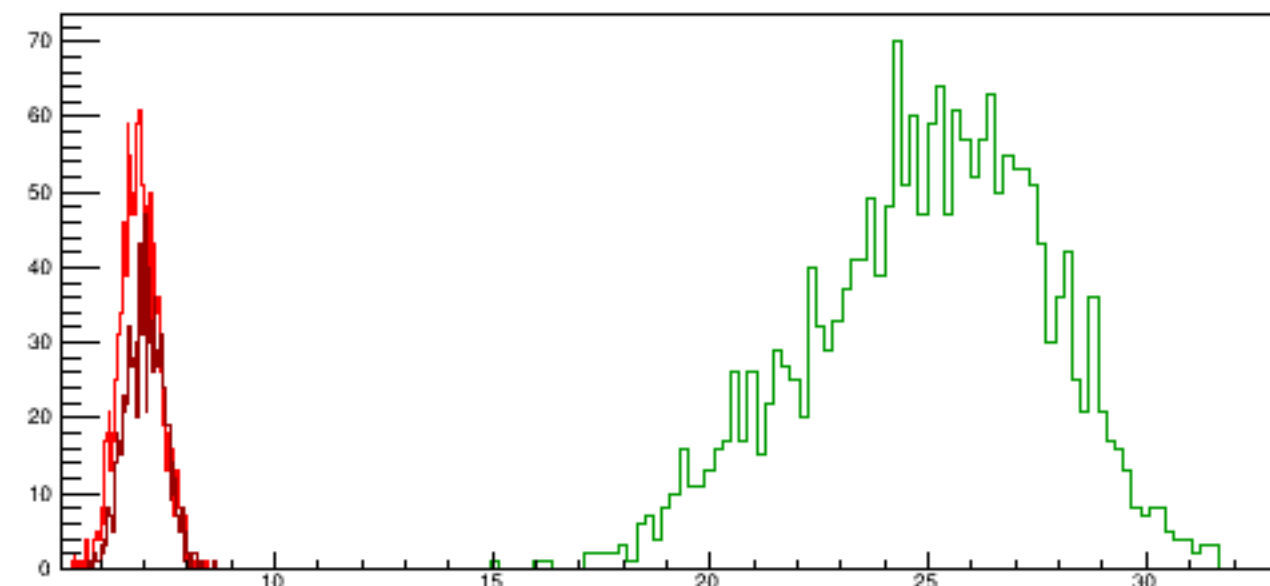
Std Dev: 2.7293 +/- 0.0428

Entries: 1138

Mean: 7.0250 +/- 0.0128

Std Dev: 0.4327 +/- 0.0091

Run 5888 quartetwise, Sums



Cycle 20, Asyms

Entries: 1654

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0235 +/- 0.0004

Entries: 2032

Mean: -0.0327 +/- 0.0020

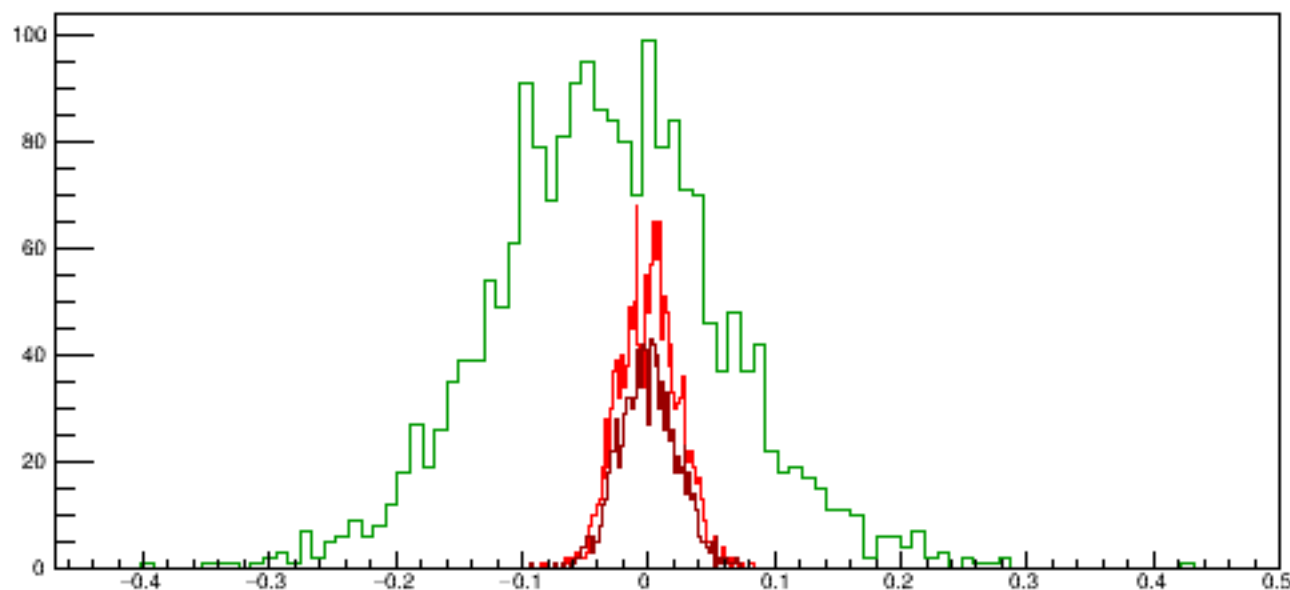
Std Dev: 0.0923 +/- 0.0014

Entries: 1138

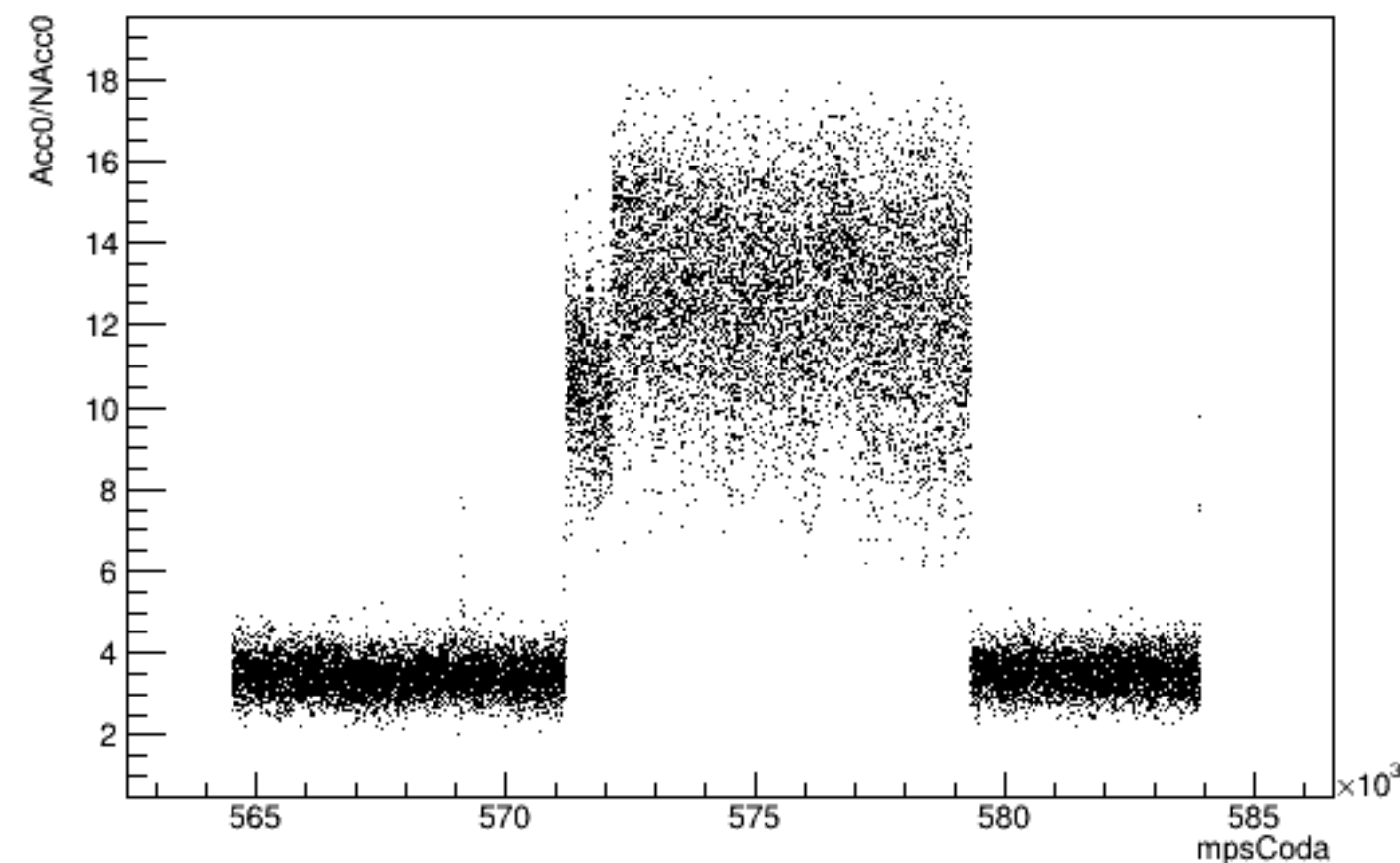
Mean: -0.0003 +/- 0.0007

Std Dev: 0.0233 +/- 0.0005

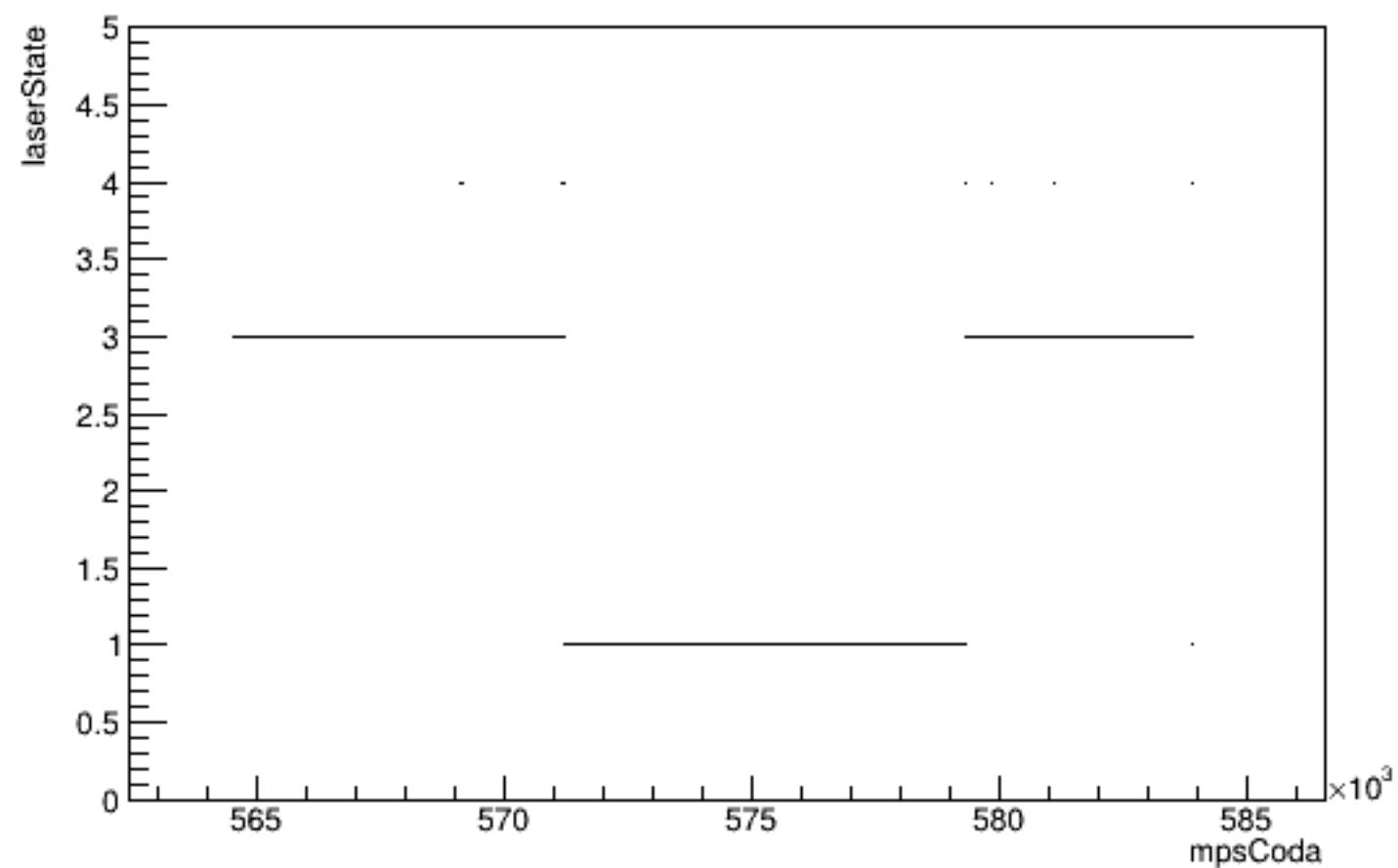
Run 5888 quartetwise, Asyms



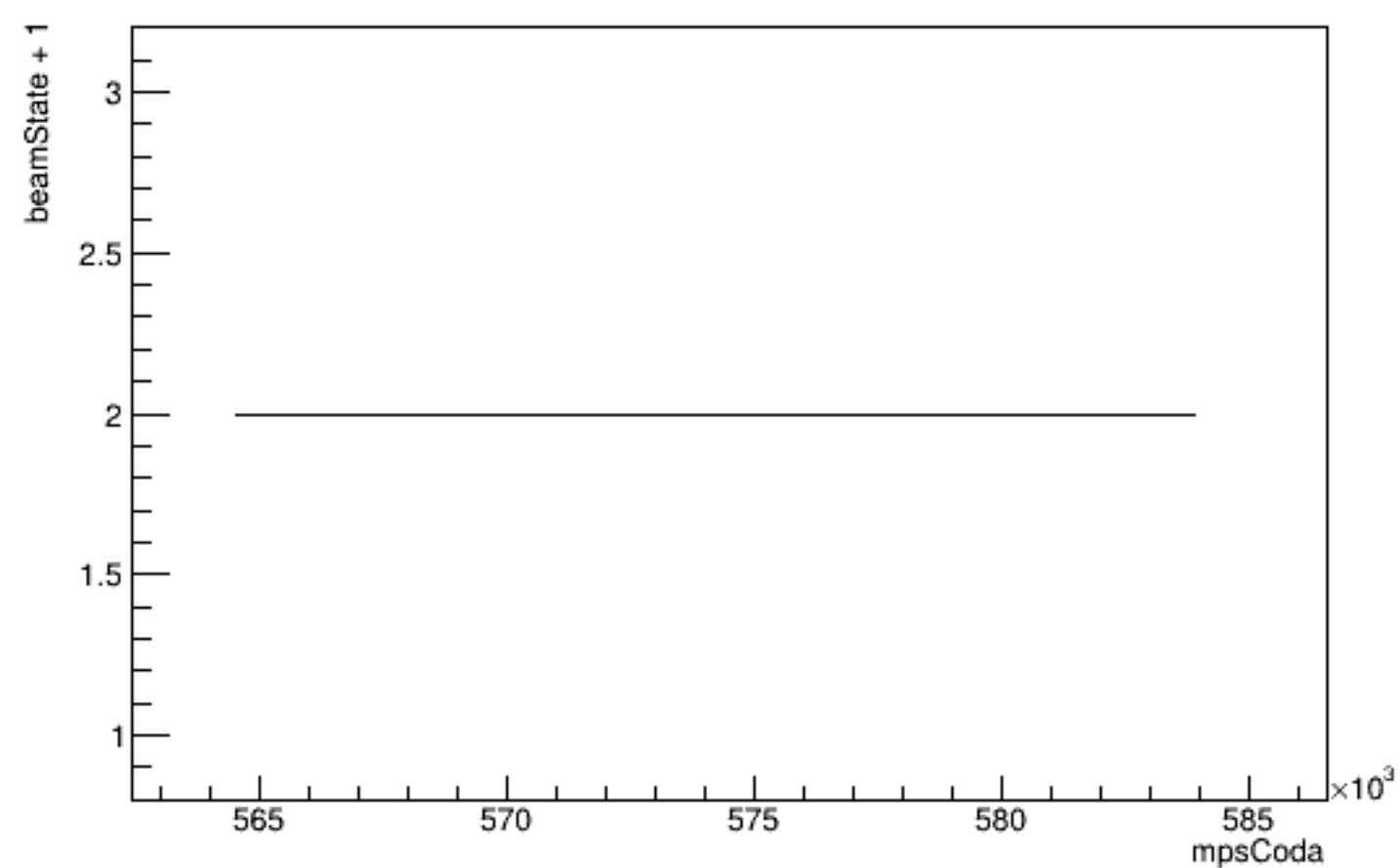
Acc0/NAcc0:mpsCoda (mpsCoda>=564524 && mpsCoda<=583891 && beamState==1)



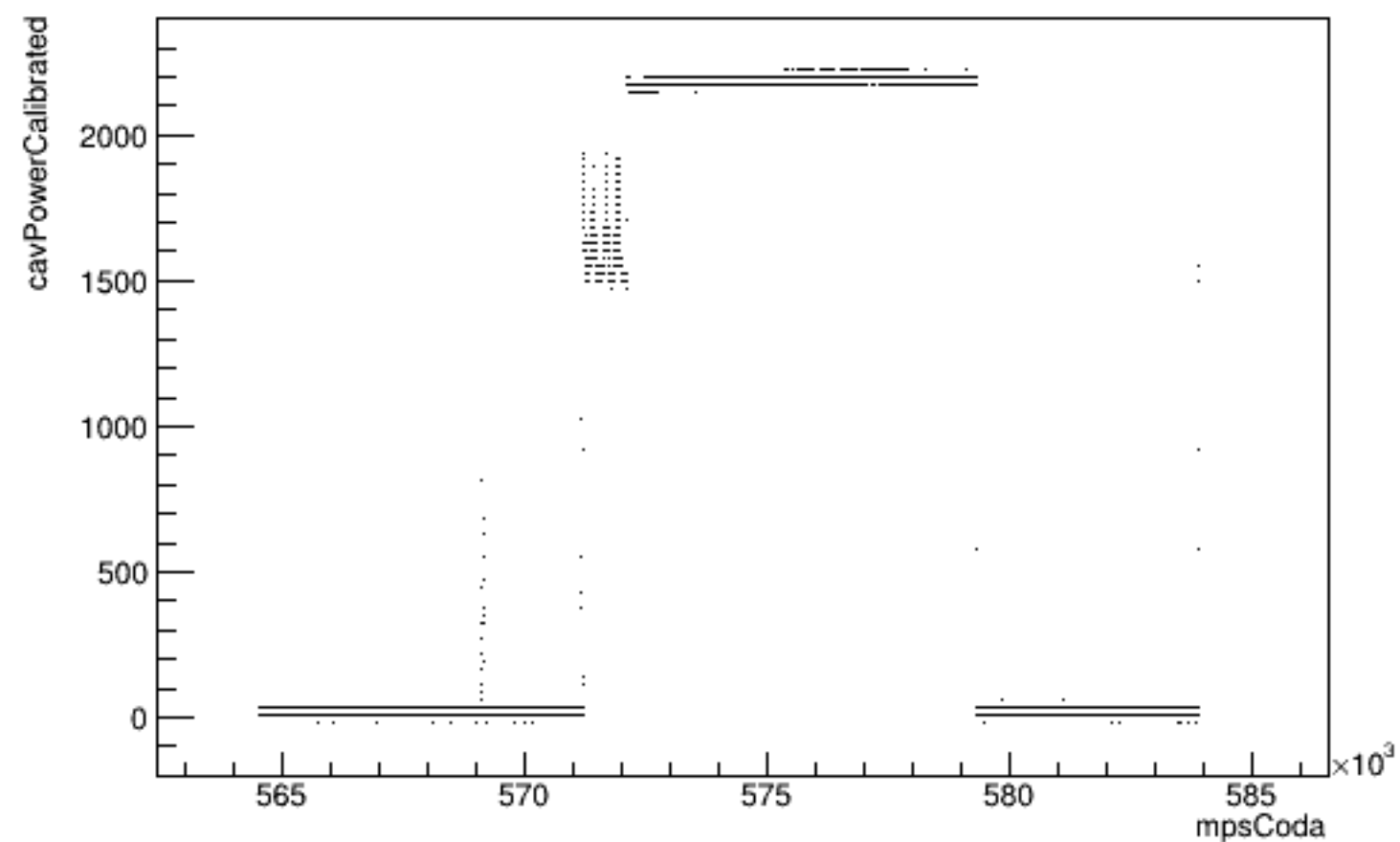
laserState:mpsCoda {mpsCoda>=564524 && mpsCoda<=583891}



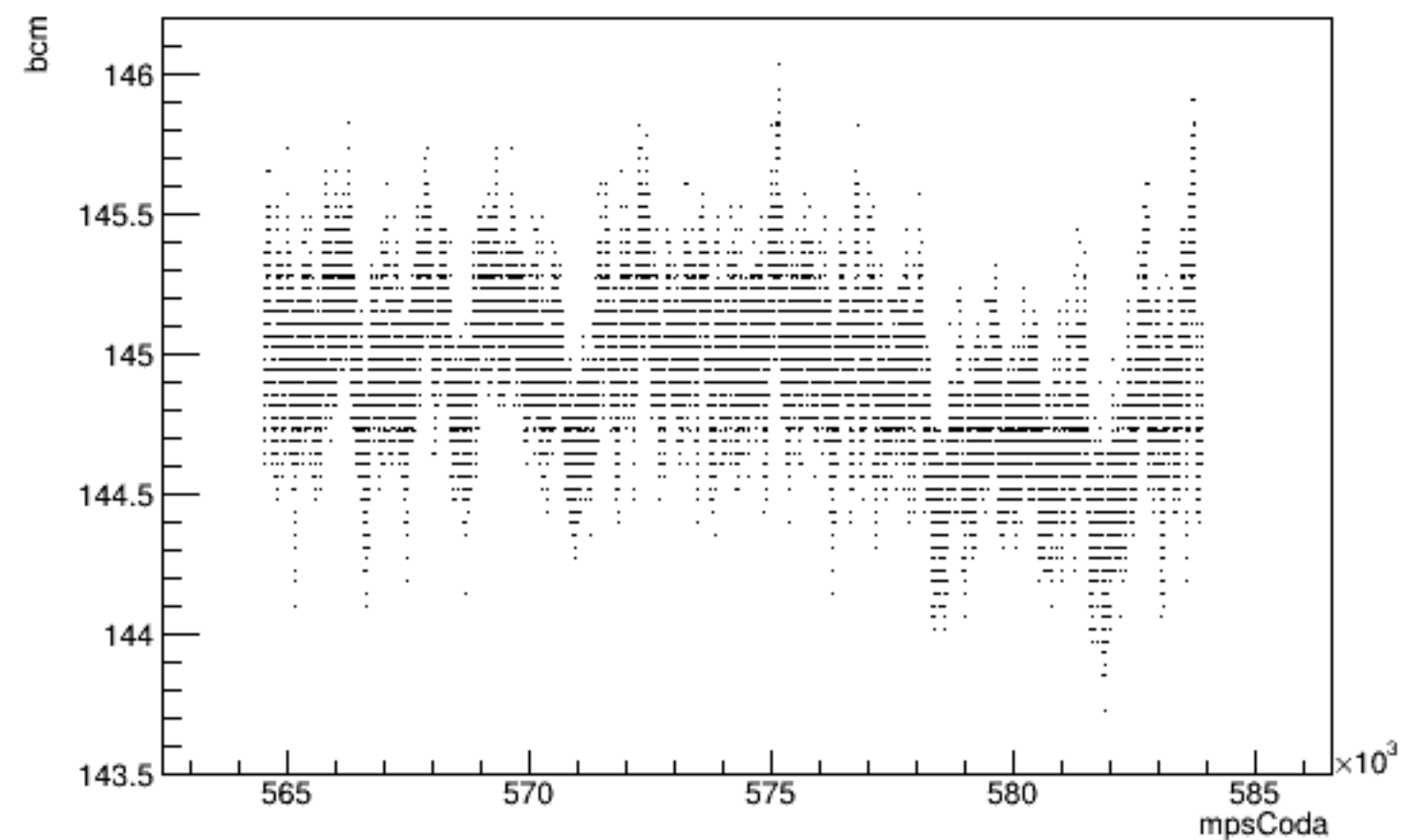
beamState + 1:mpsCoda {mpsCoda>=564524 && mpsCoda<=583891}



cavPowerCalibrated:mpsCoda {mpsCoda>=564524 && mpsCoda<=583891}



bcm:mpsCoda {mpsCoda>=564524 && mpsCoda<=583891}



Cycle 21, Diffs

Entries: 1138

Mean: -0.0048 +/- 0.0124

Std Dev: 0.4184 +/- 0.0088

Entries: 1953

Mean: -0.5193 +/- 0.0403

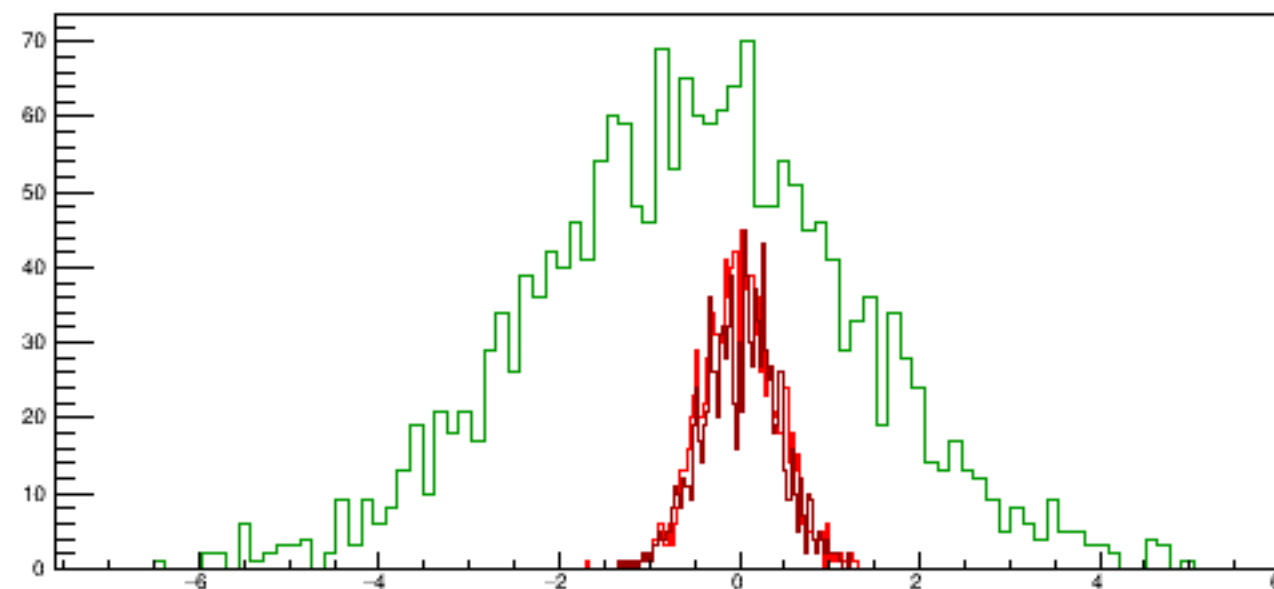
Std Dev: 1.7809 +/- 0.0285

Entries: 1141

Mean: 0.0065 +/- 0.0124

Std Dev: 0.4190 +/- 0.0088

Run 5888 quartetwise, Diffs



Cycle 21, Sums

Entries: 1138

Mean: 7.0250 +/- 0.0128

Std Dev: 0.4327 +/- 0.0091

Entries: 1953

Mean: 24.7204 +/- 0.0619

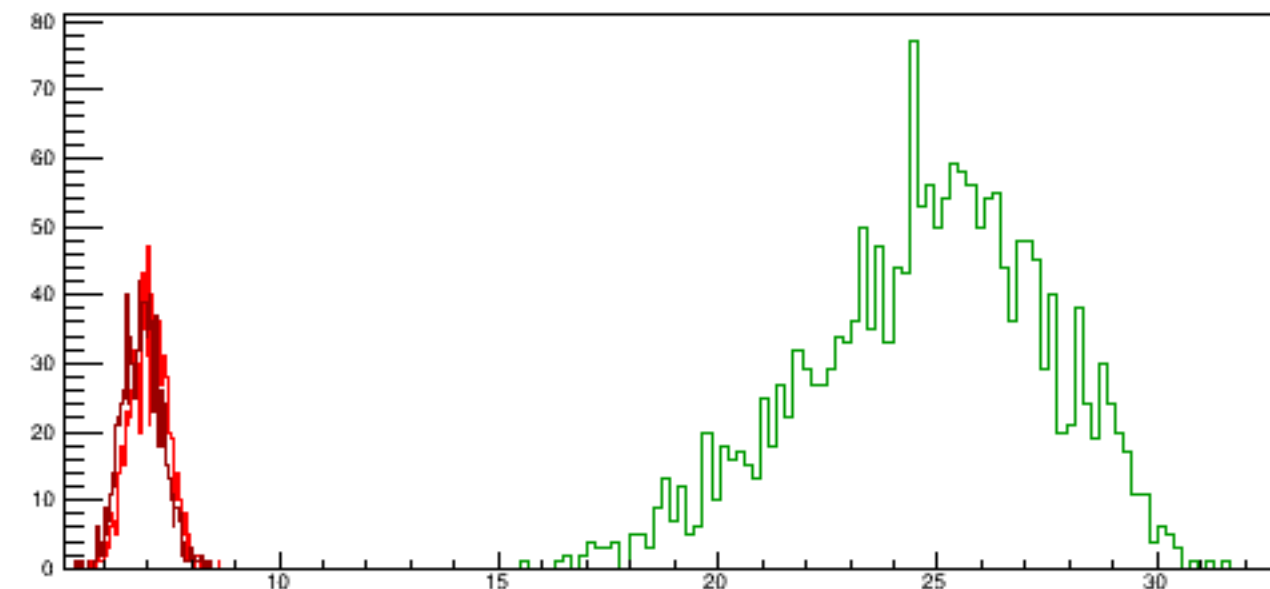
Std Dev: 2.7338 +/- 0.0437

Entries: 1141

Mean: 6.8767 +/- 0.0135

Std Dev: 0.4569 +/- 0.0096

Run 5888 quartetwise, Sums



Cycle 21, Asyms

Entries: 1138

Mean: -0.0003 +/- 0.0007

Std Dev: 0.0235 +/- 0.0005

Entries: 1953

Mean: -0.0284 +/- 0.0023

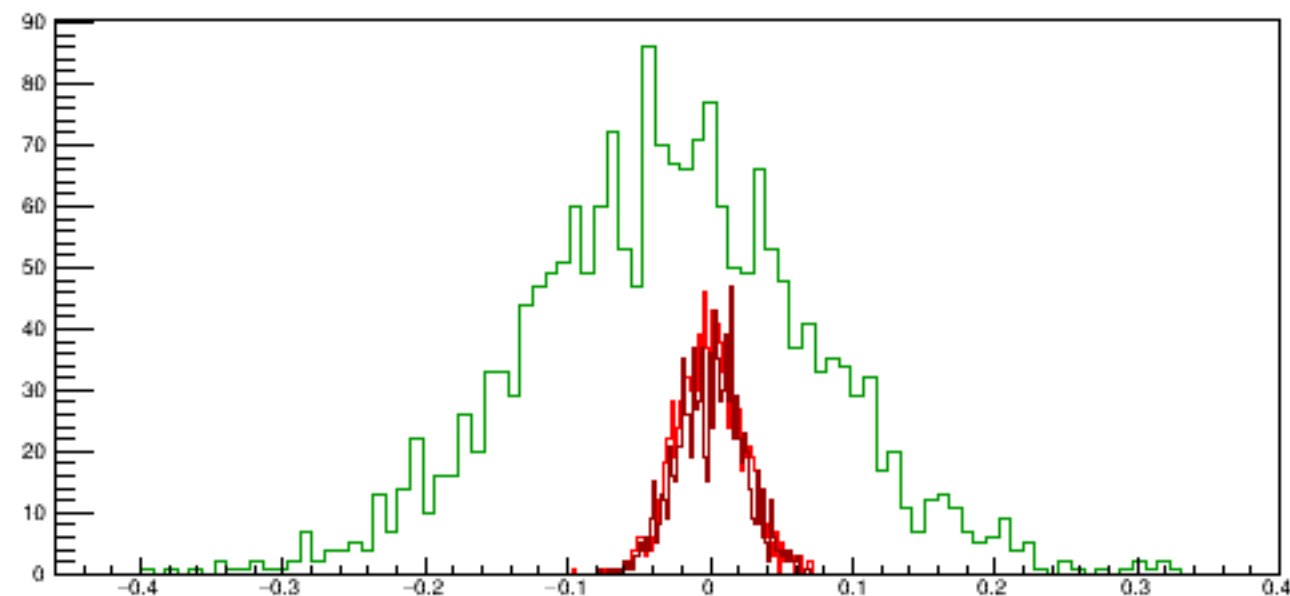
Std Dev: 0.1023 +/- 0.0016

Entries: 1141

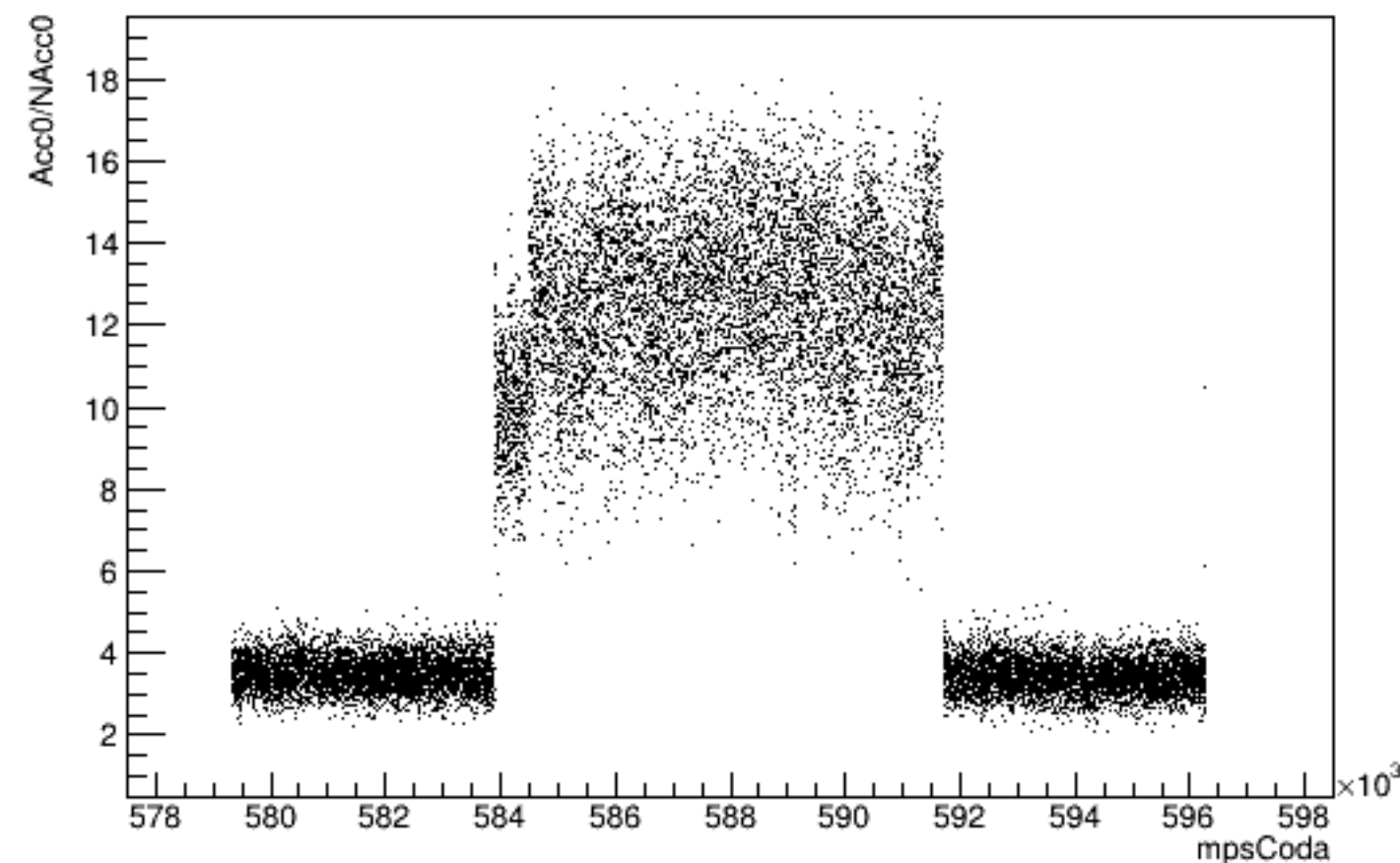
Mean: 0.0004 +/- 0.0007

Std Dev: 0.0236 +/- 0.0005

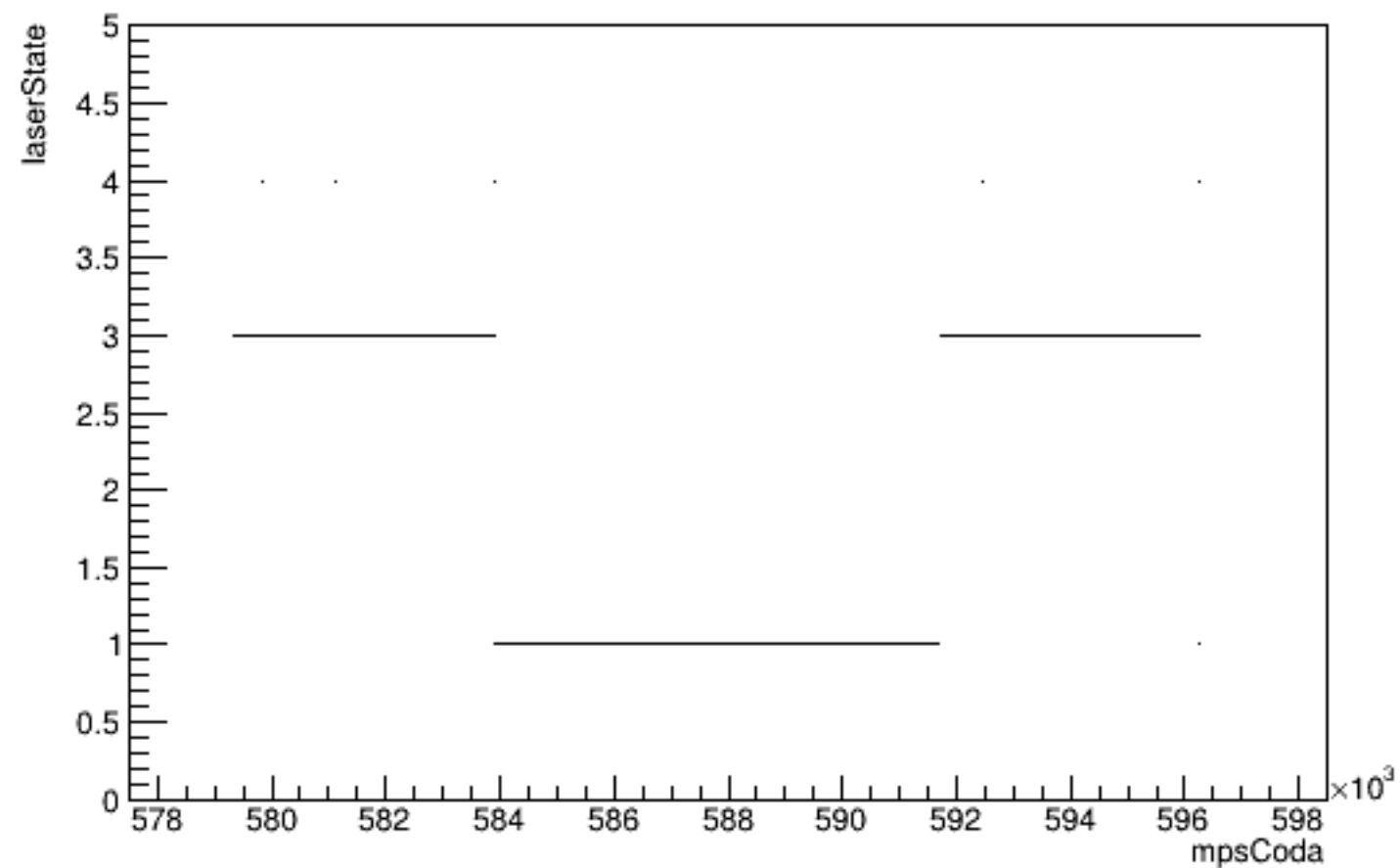
Run 5888 quartetwise, Asyms



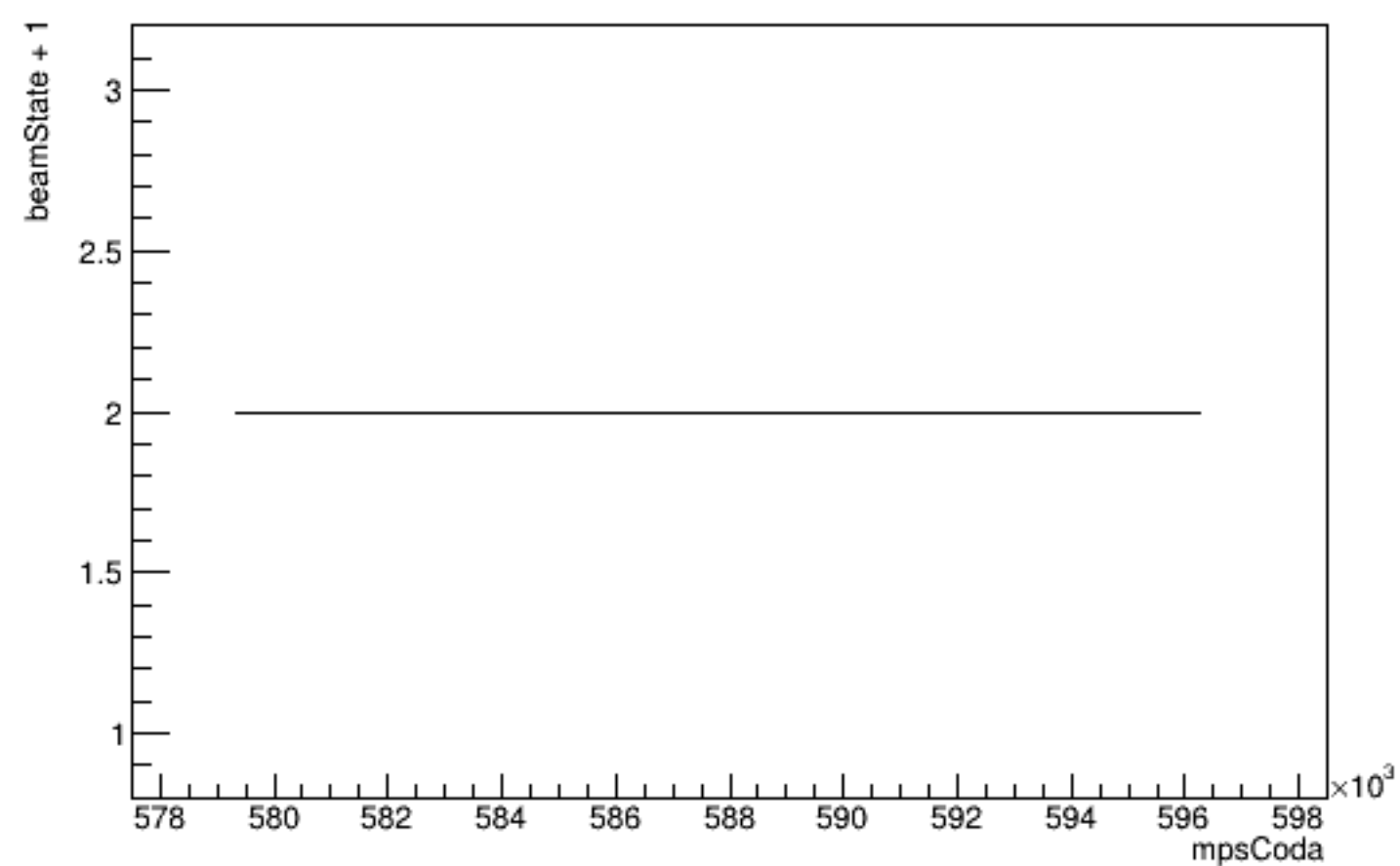
Acc0/NAcc0:mpsCoda (mpsCoda>=579328 && mpsCoda<=596275 && beamState==1)



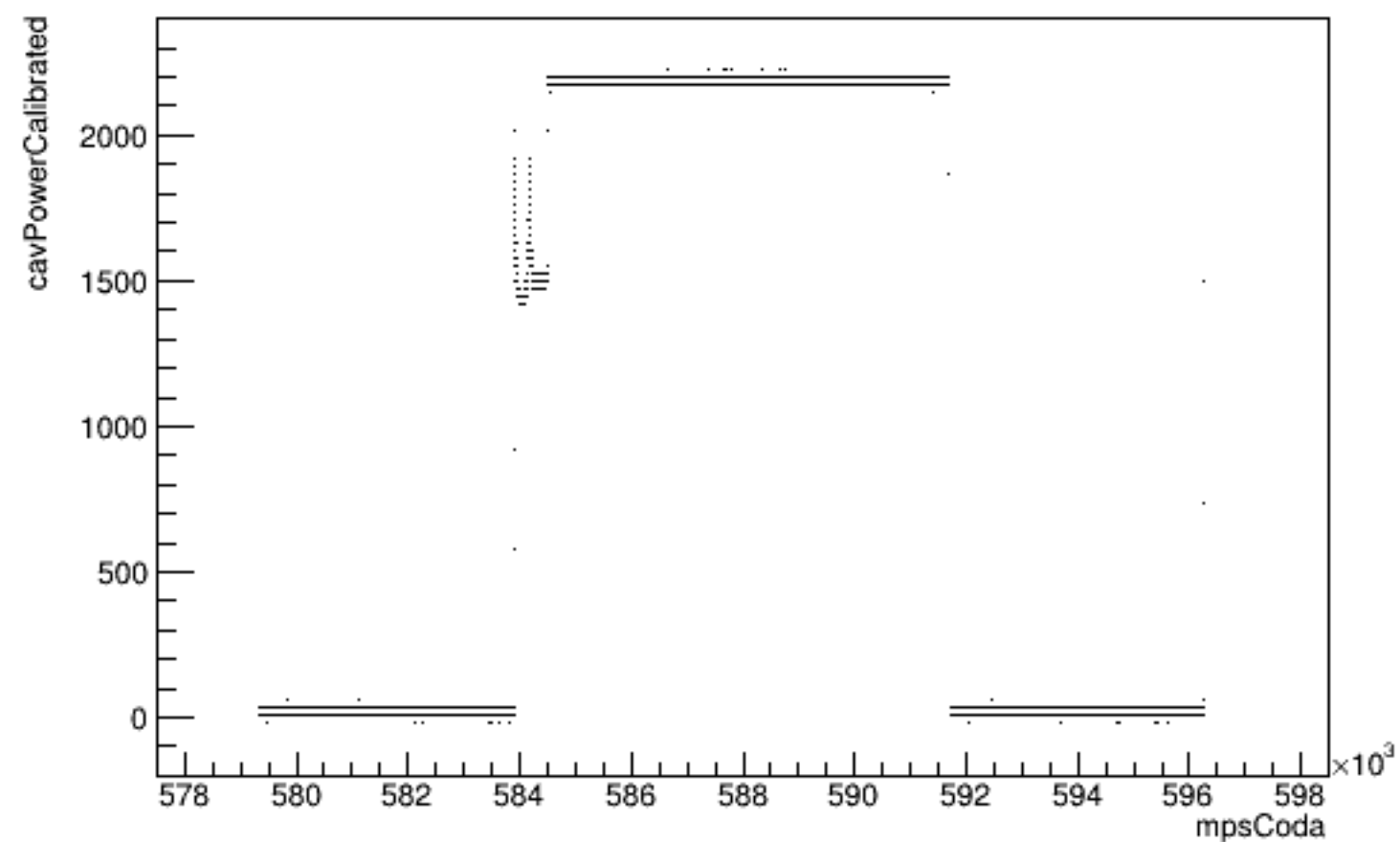
laserState:mpsCoda {mpsCoda>=579328 && mpsCoda<=596275}



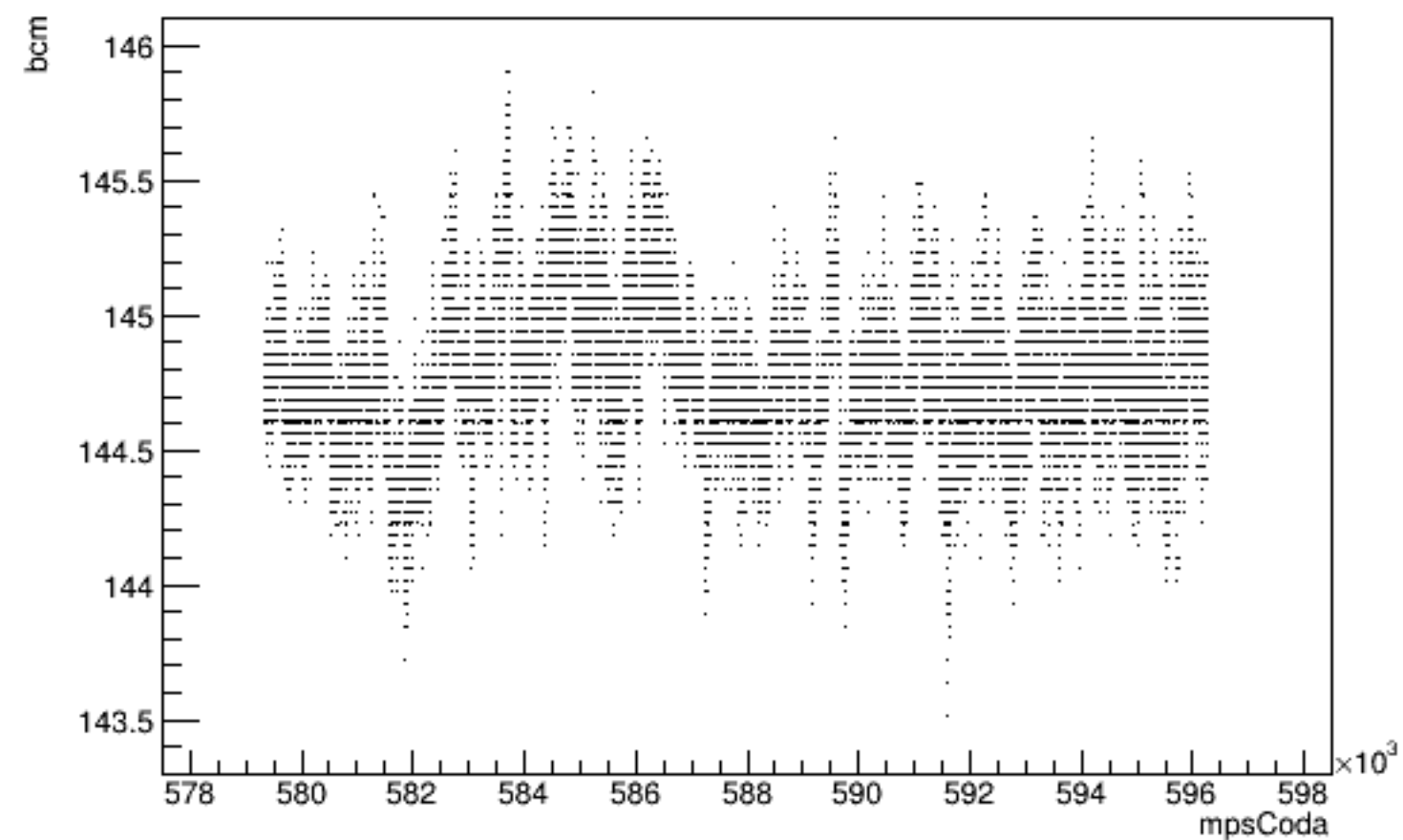
beamState + 1:mpsCoda {mpsCoda>=579328 && mpsCoda<=596275}



cavPowerCalibrated:mpsCoda {mpsCoda>=579328 && mpsCoda<=596275}



bcm:mpsCoda {mpsCoda>=579328 && mpsCoda<=596275}



Cycle 22, Diffs

Entries: 1654

Mean: 0.0066 +/- 0.0102

Std Dev: 0.4131 +/- 0.0072

Entries: 1357

Mean: -0.5241 +/- 0.0546

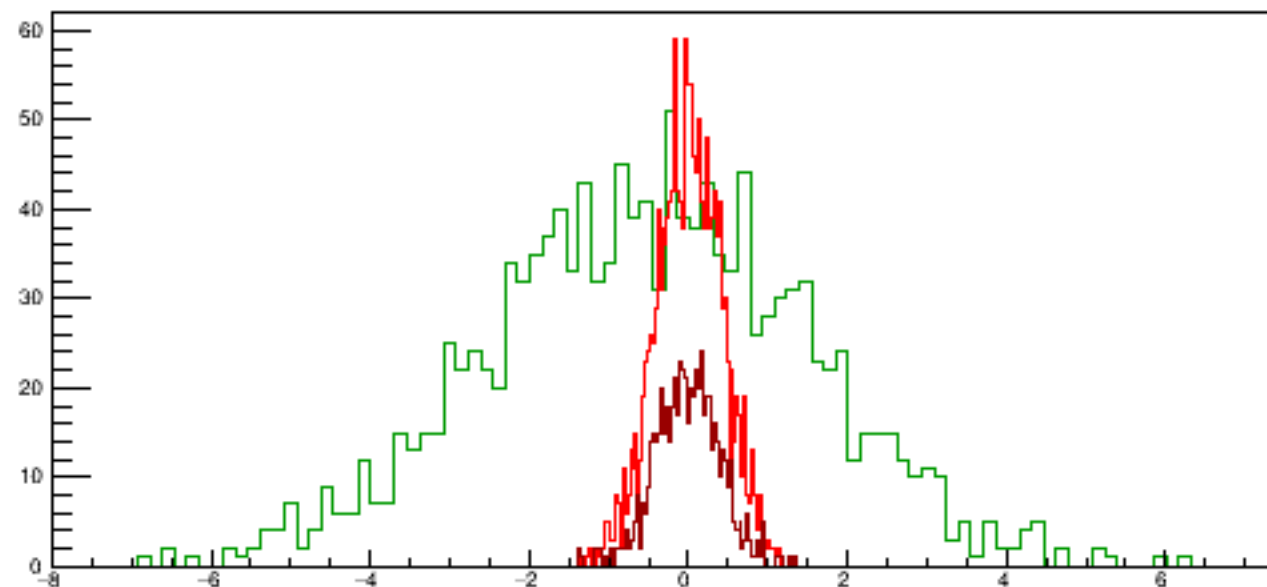
Std Dev: 2.0112 +/- 0.0386

Entries: 659

Mean: -0.0095 +/- 0.0160

Std Dev: 0.4106 +/- 0.0113

Run 5888 quartetwise, Diffs



Cycle 22, Sums

Entries: 1654

Mean: 6.8186 +/- 0.0107

Std Dev: 0.4341 +/- 0.0075

Entries: 1357

Mean: 23.1451 +/- 0.0883

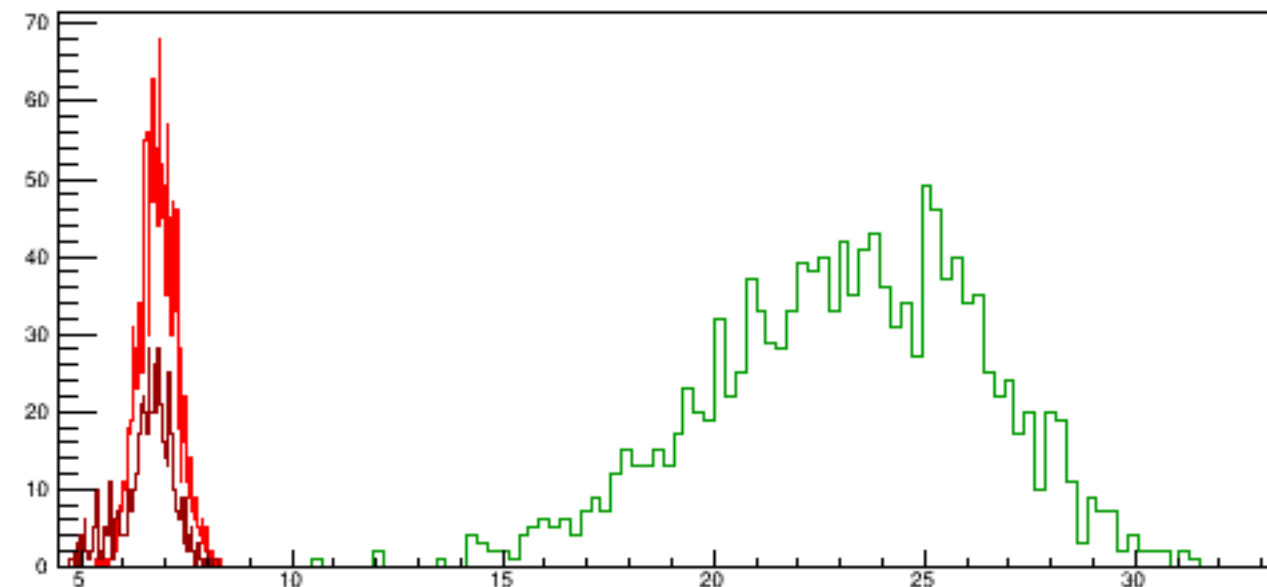
Std Dev: 3.2545 +/- 0.0625

Entries: 659

Mean: 6.5891 +/- 0.0238

Std Dev: 0.6107 +/- 0.0168

Run 5888 quartetwise, Sums



Cycle 22, Asyms

Entries: 1654

Mean: 0.0004 +/- 0.0006

Std Dev: 0.0251 +/- 0.0004

Entries: 1357

Mean: -0.0312 +/- 0.0034

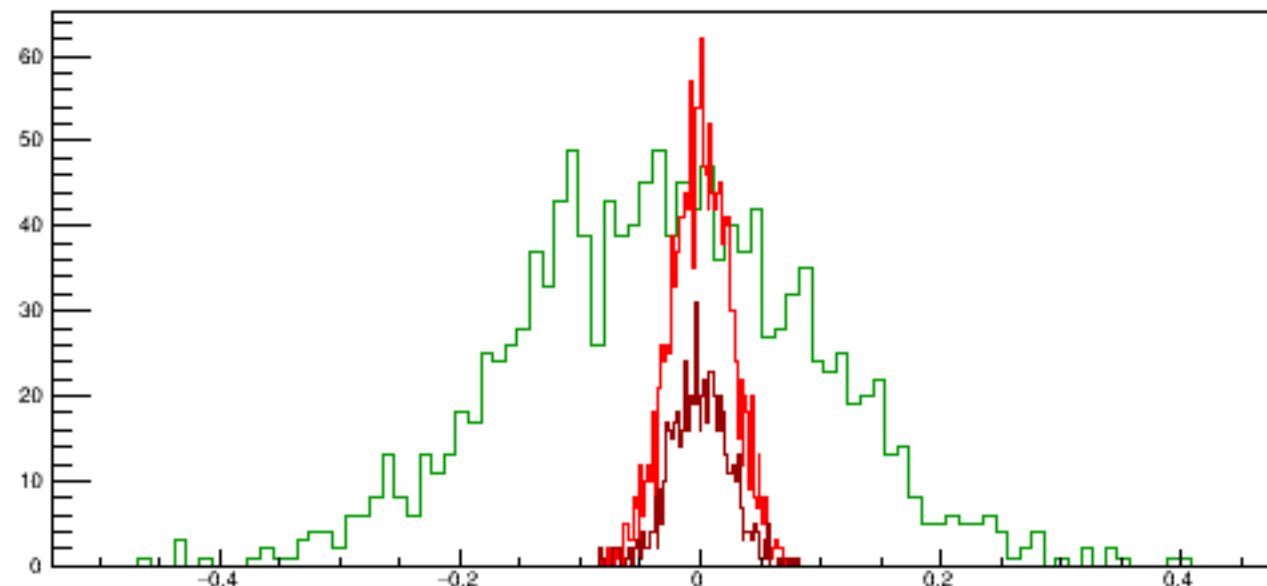
Std Dev: 0.1256 +/- 0.0024

Entries: 659

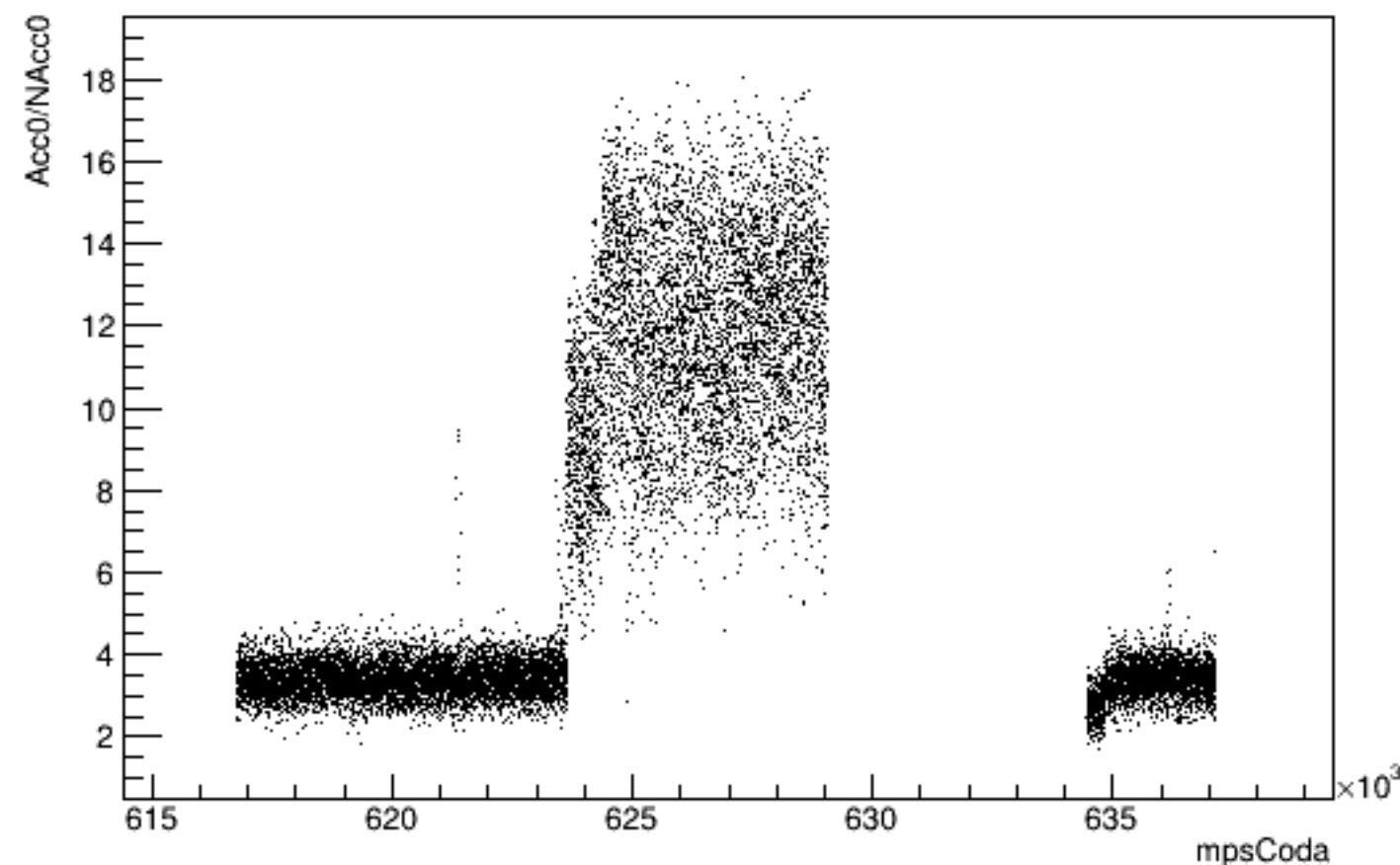
Mean: -0.0006 +/- 0.0010

Std Dev: 0.0250 +/- 0.0007

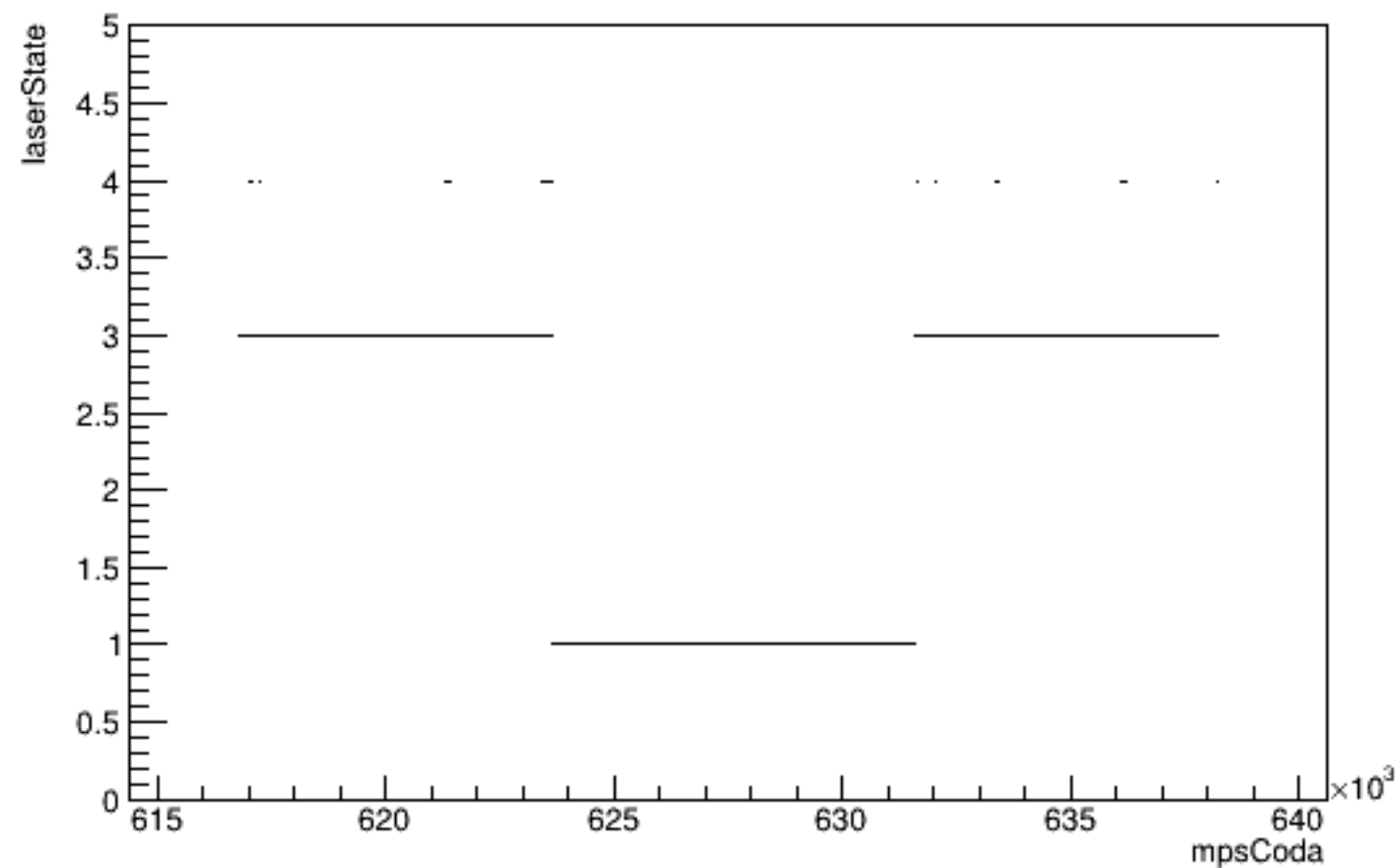
Run 5888 quartetwise, Asyms



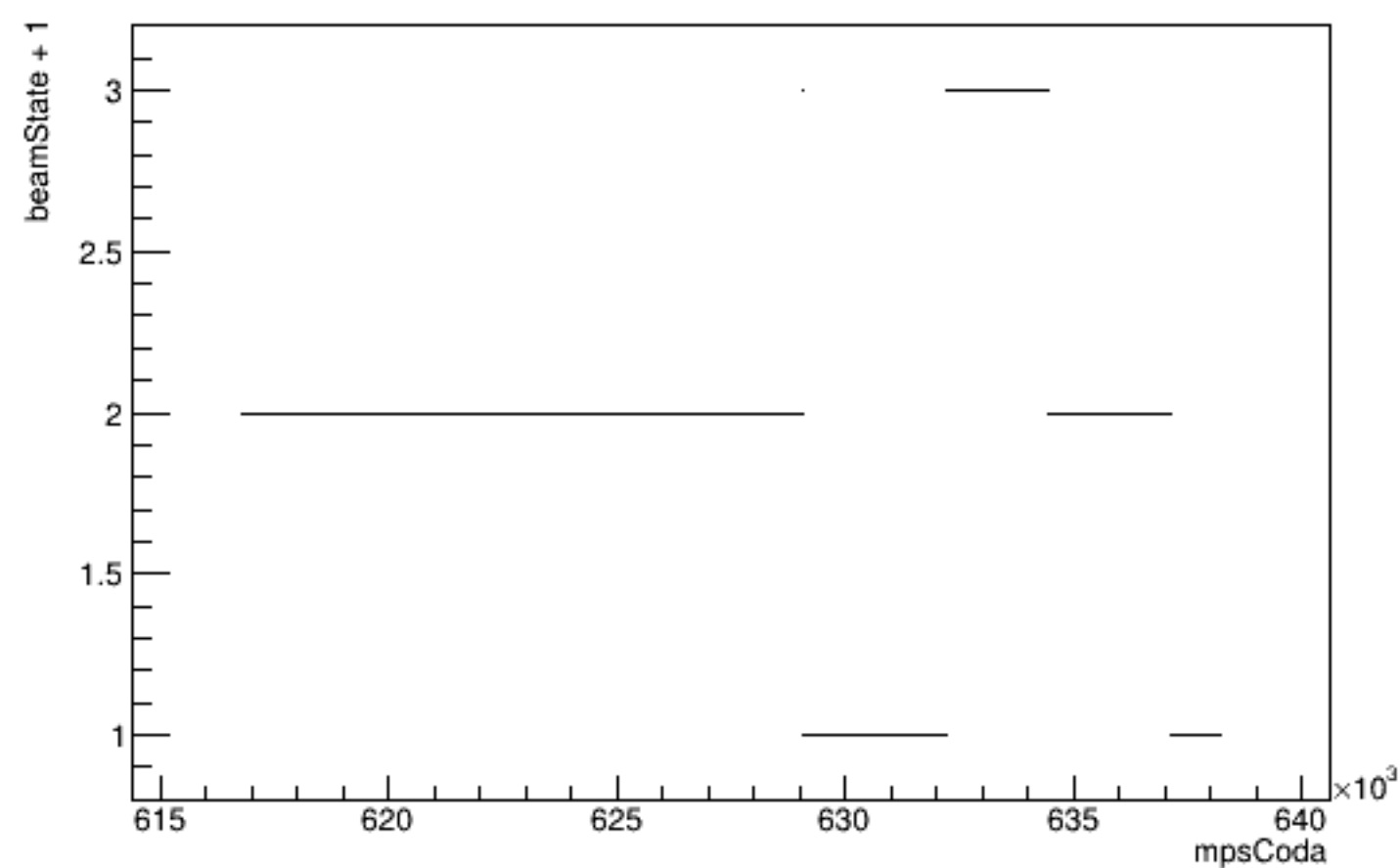
Acc0/NAcc0:mpsCoda (mpsCoda>=616756 && mpsCoda<=638231 && beamState==1)



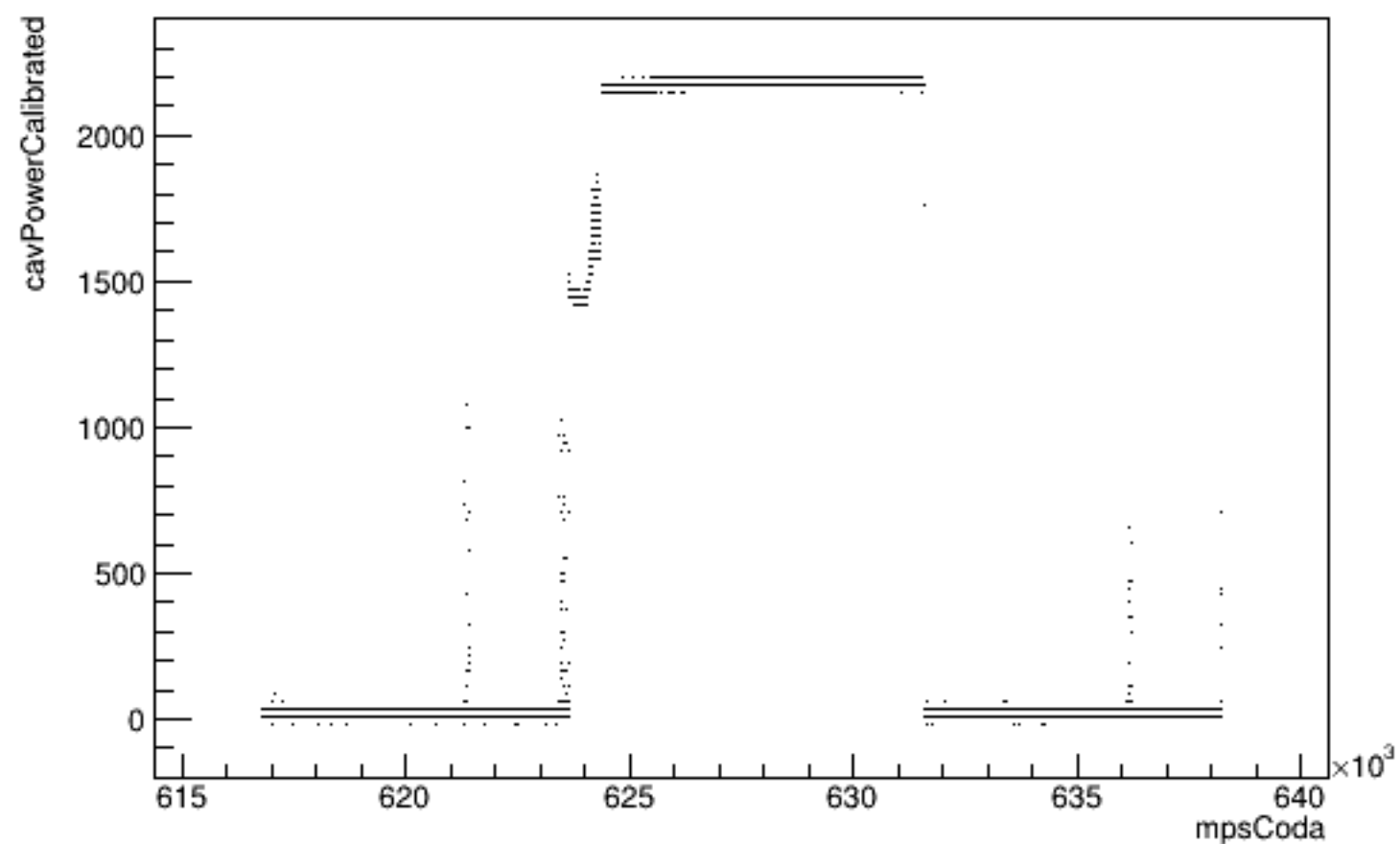
laserState:mpsCoda {mpsCoda>=616756 && mpsCoda<=638231}



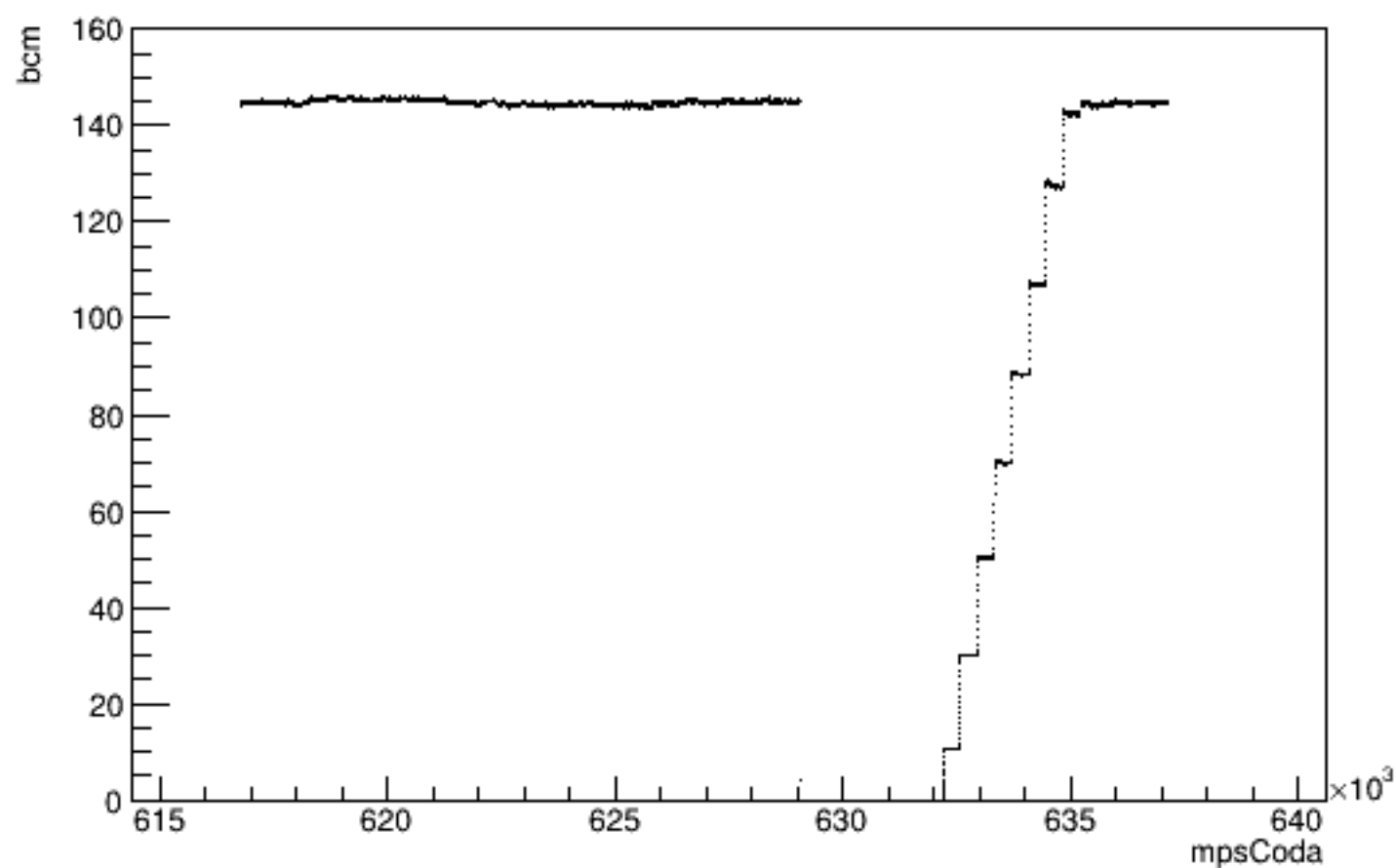
beamState + 1:mpsCoda {mpsCoda>=616756 && mpsCoda<=638231}



cavPowerCalibrated:mpsCoda {mpsCoda>=616756 && mpsCoda<=638231}



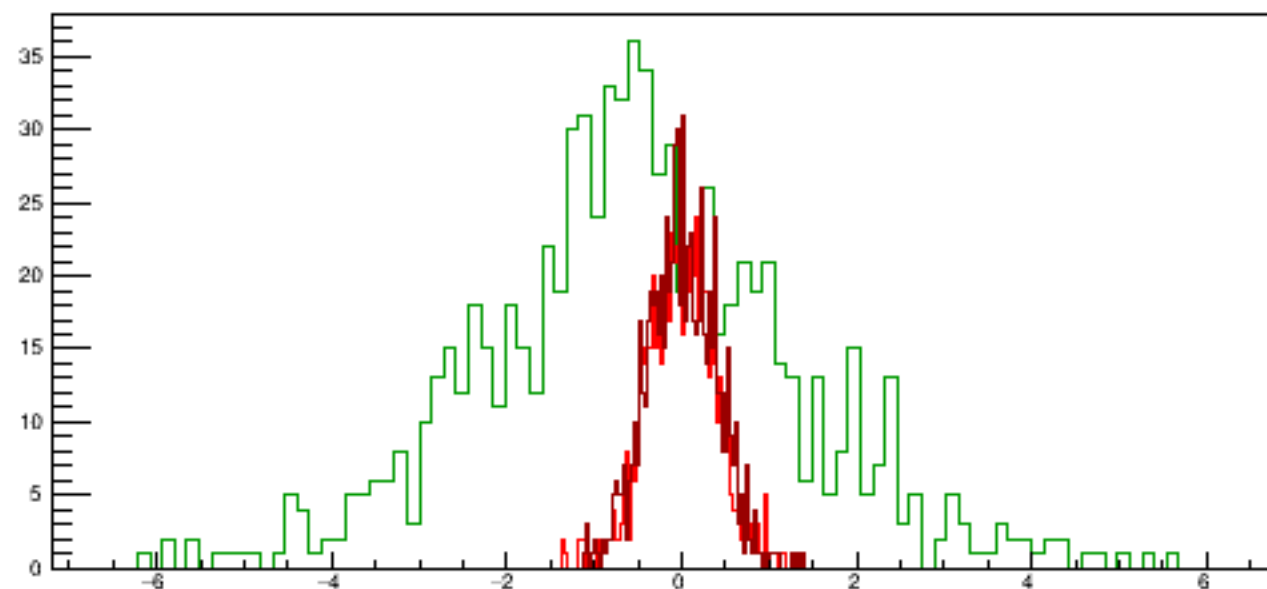
bcm:mpsCoda {mpsCoda>=616756 && mpsCoda<=638231}



Cycle 23, Diffs

Entries: 659	Entries: 812	Entries: 775
Mean: -0.0095 +/- 0.0160	Mean: -0.5050 +/- 0.0627	Mean: -0.0026 +/- 0.0143
Std Dev: 0.4106 +/- 0.0113	Std Dev: 1.7867 +/- 0.0443	Std Dev: 0.3974 +/- 0.0101

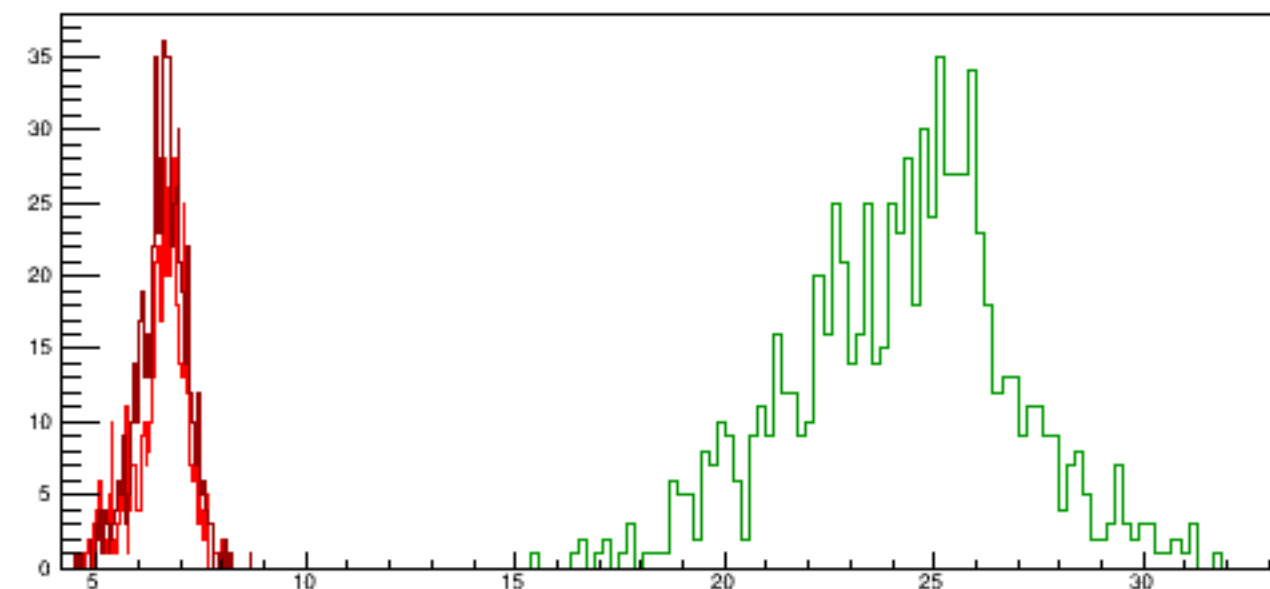
Run 5888 quartetwise, Diffs



Cycle 23, Sums

Entries: 659	Entries: 812	Entries: 775
Mean: 6.5891 +/- 0.0238	Mean: 24.2679 +/- 0.0932	Mean: 6.5859 +/- 0.0206
Std Dev: 0.6107 +/- 0.0168	Std Dev: 2.6566 +/- 0.0659	Std Dev: 0.5744 +/- 0.0146

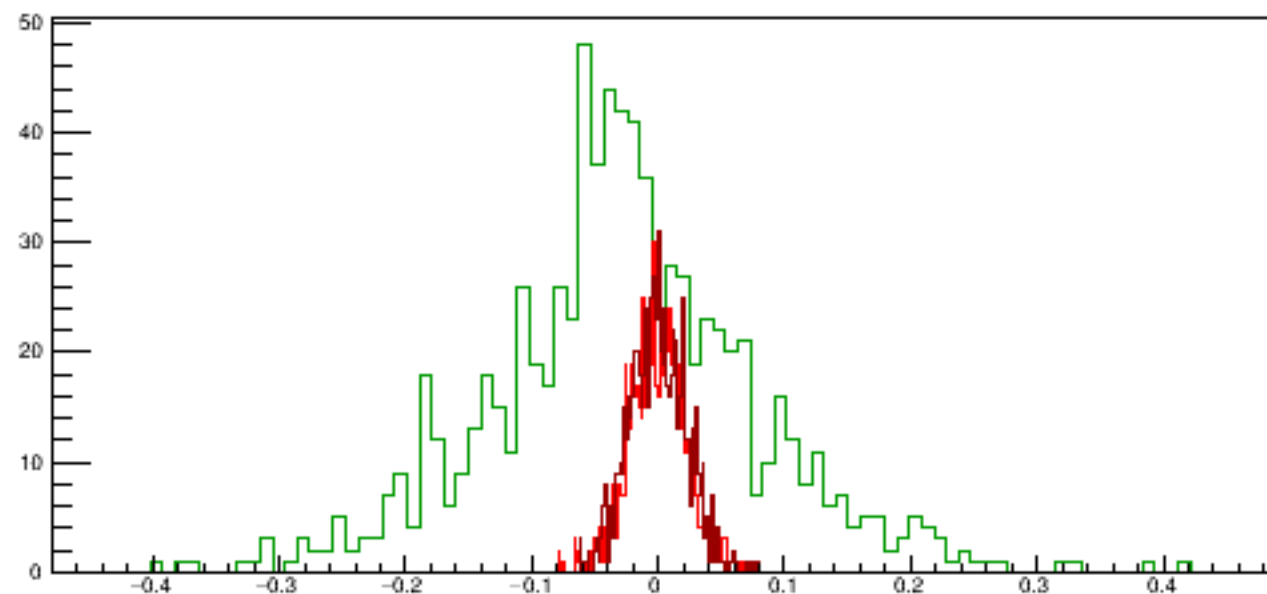
Run 5888 quartetwise, Sums



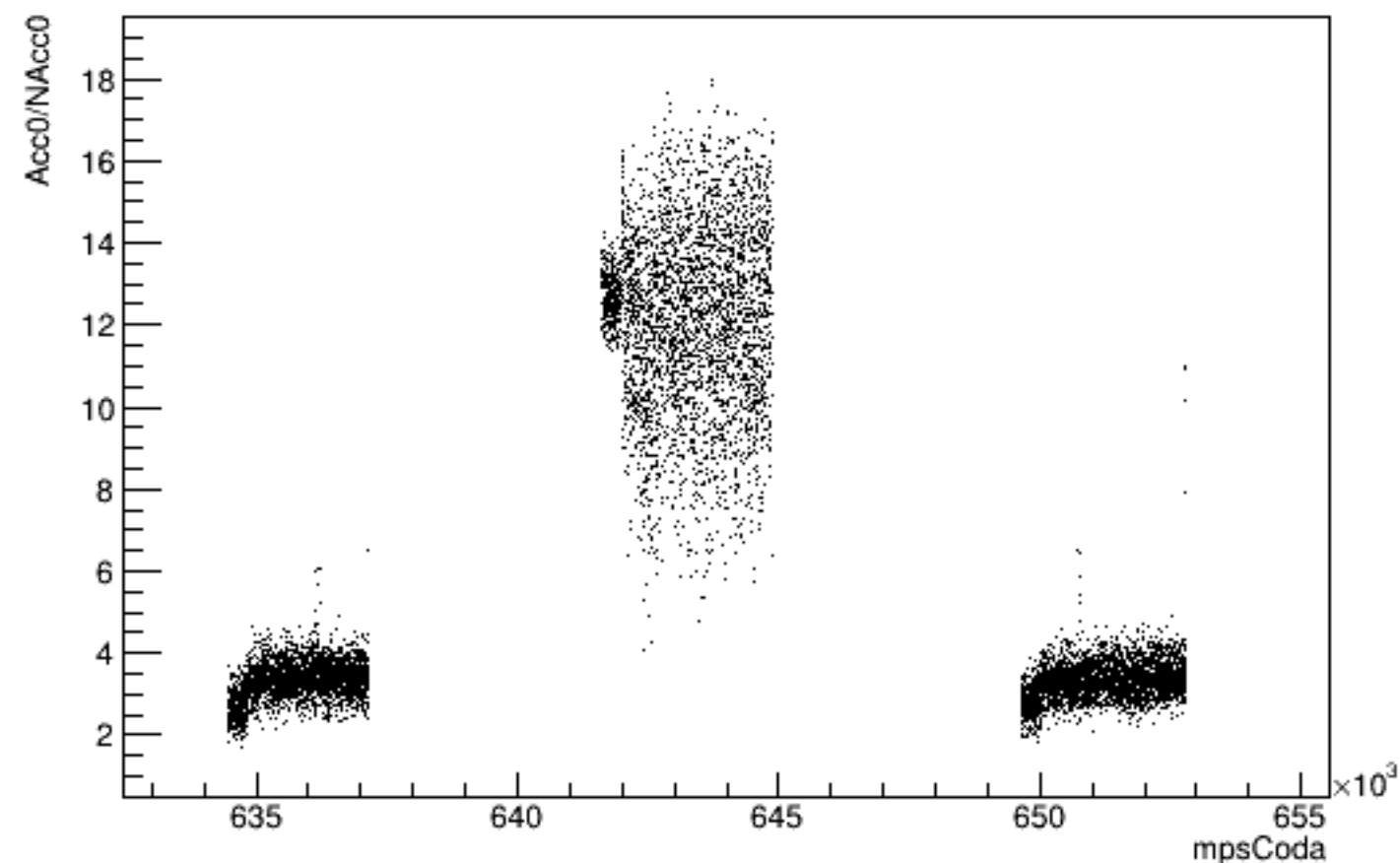
Cycle 23, Asyms

Entries: 659	Entries: 812	Entries: 775
Mean: -0.0005 +/- 0.0009	Mean: -0.0278 +/- 0.0038	Mean: -0.0001 +/- 0.0008
Std Dev: 0.0232 +/- 0.0006	Std Dev: 0.1071 +/- 0.0027	Std Dev: 0.0225 +/- 0.0006

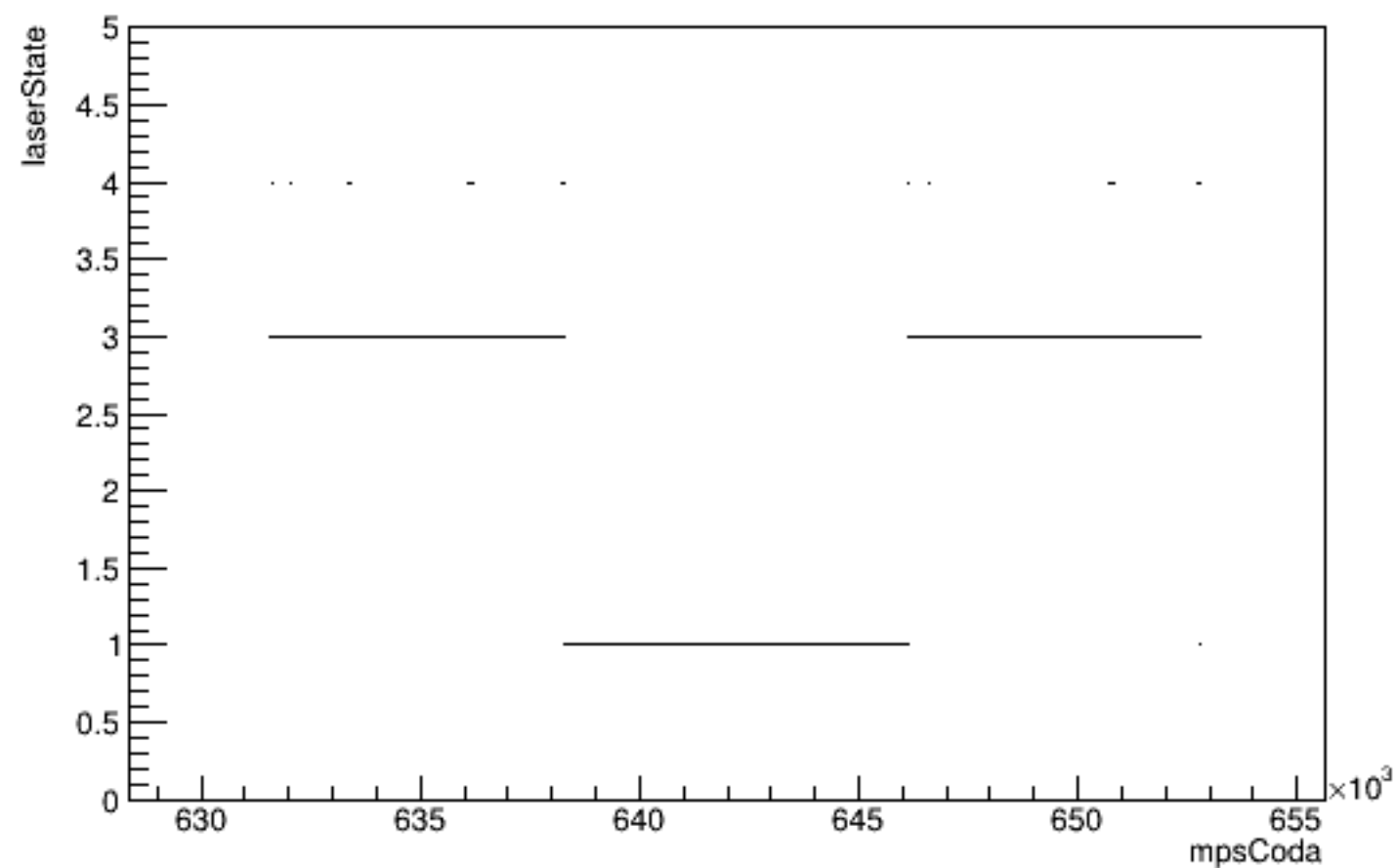
Run 5888 quartetwise, Asyms



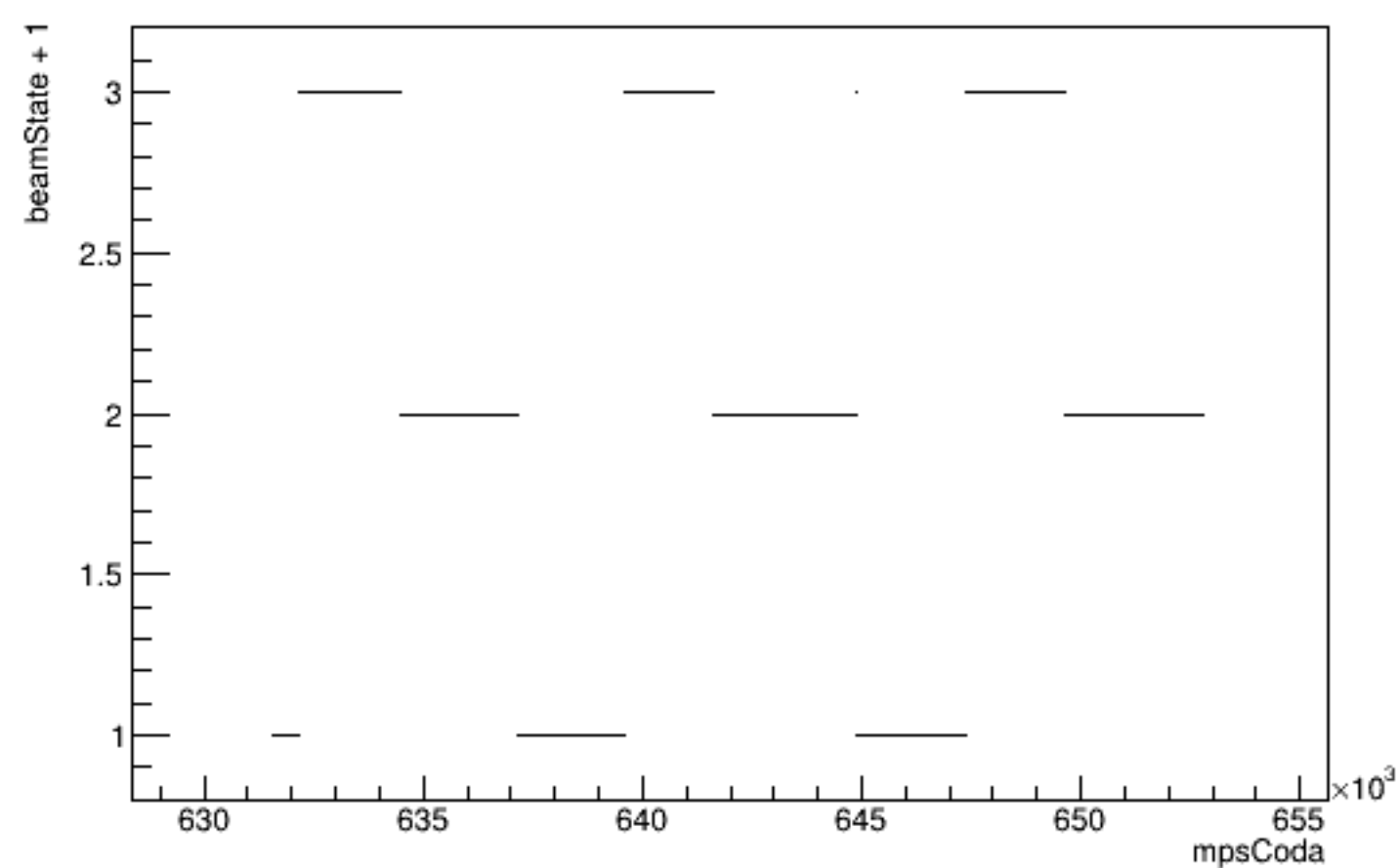
Acc0/NAcc0:mpsCoda (mpsCoda>=631564 && mpsCoda<=652791 && beamState==1)



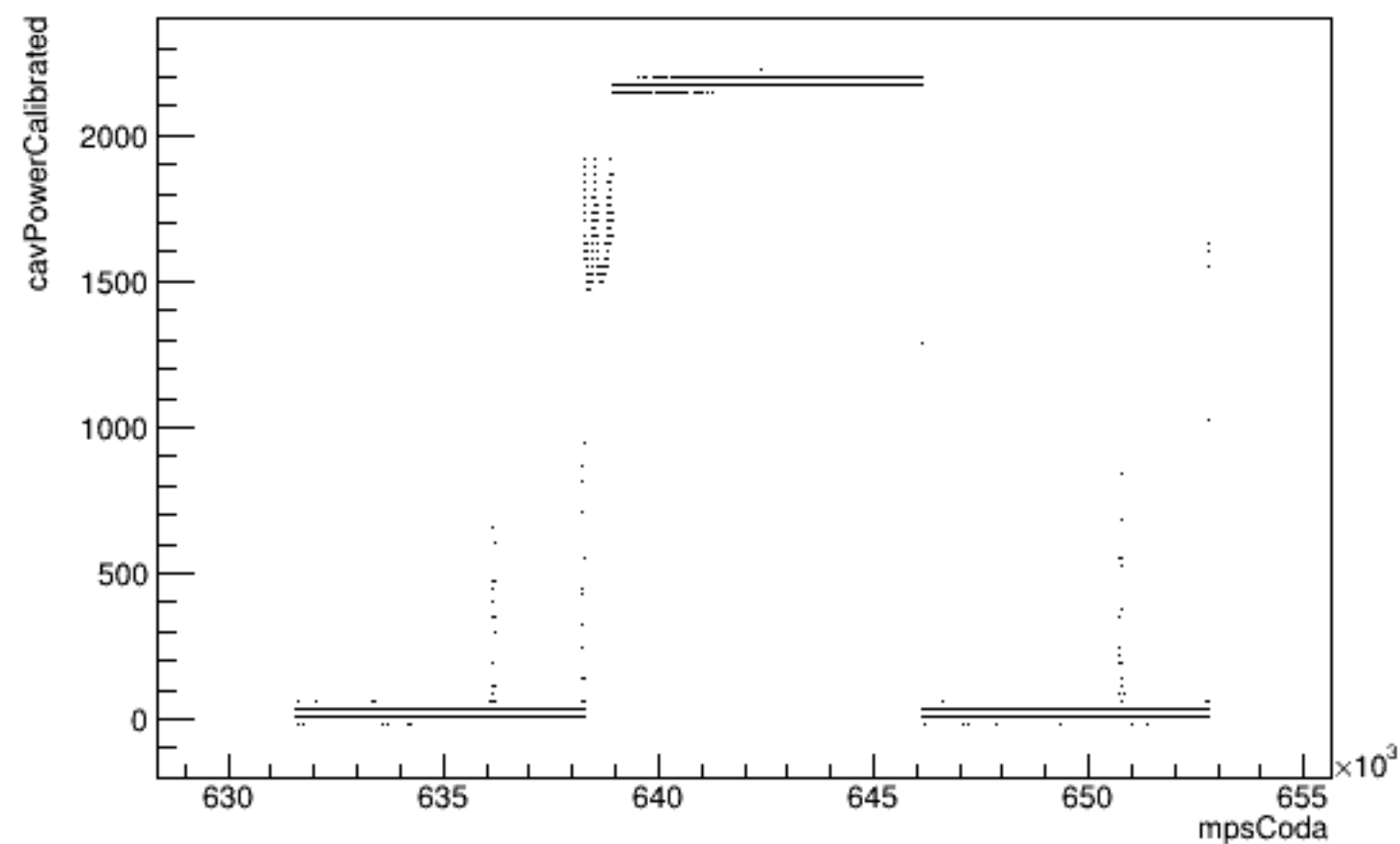
laserState:mpsCoda {mpsCoda>=631564 && mpsCoda<=652791}



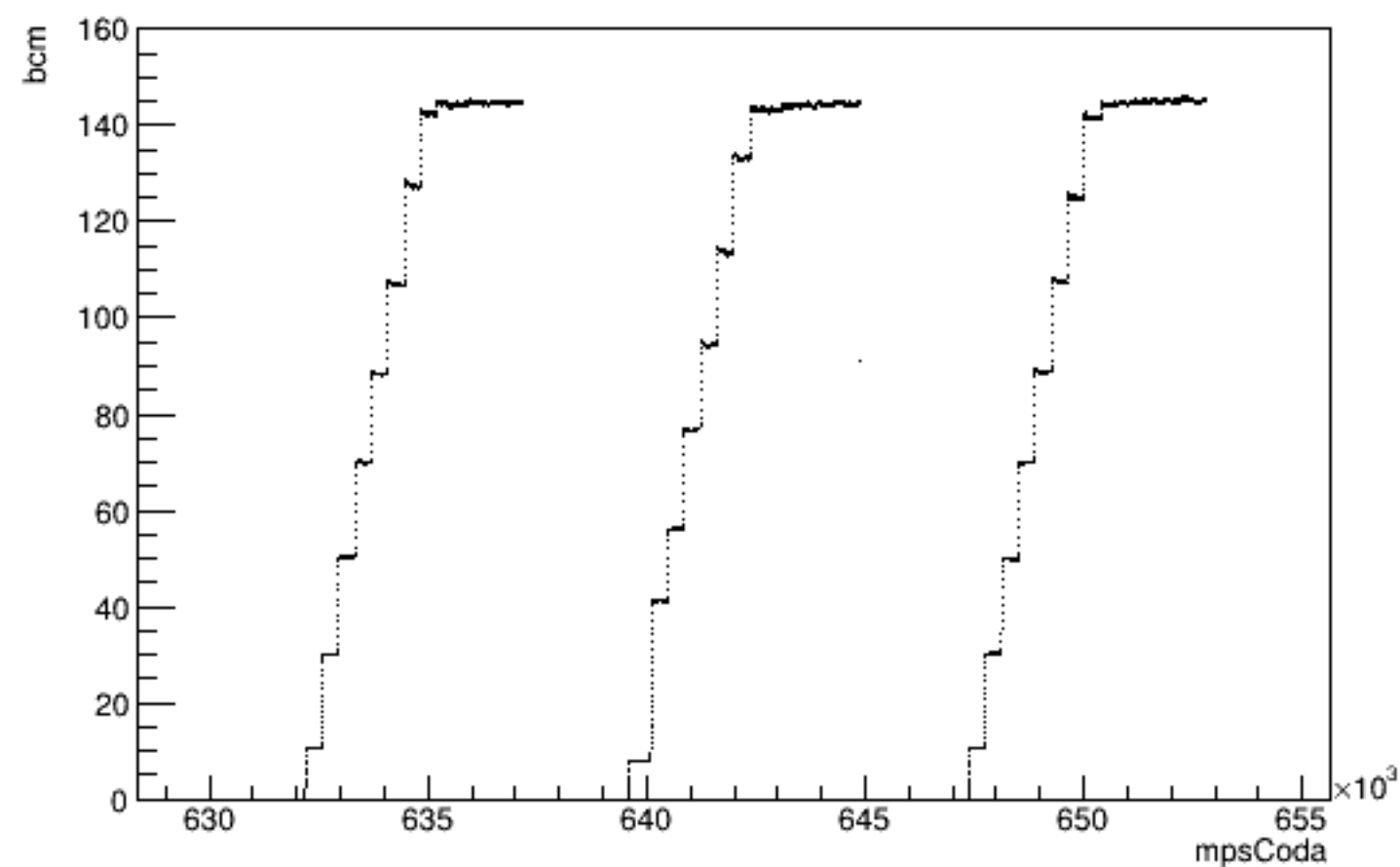
beamState + 1:mpsCoda {mpsCoda>=631564 && mpsCoda<=652791}



cavPowerCalibrated:mpsCoda {mpsCoda>=631564 && mpsCoda<=652791}



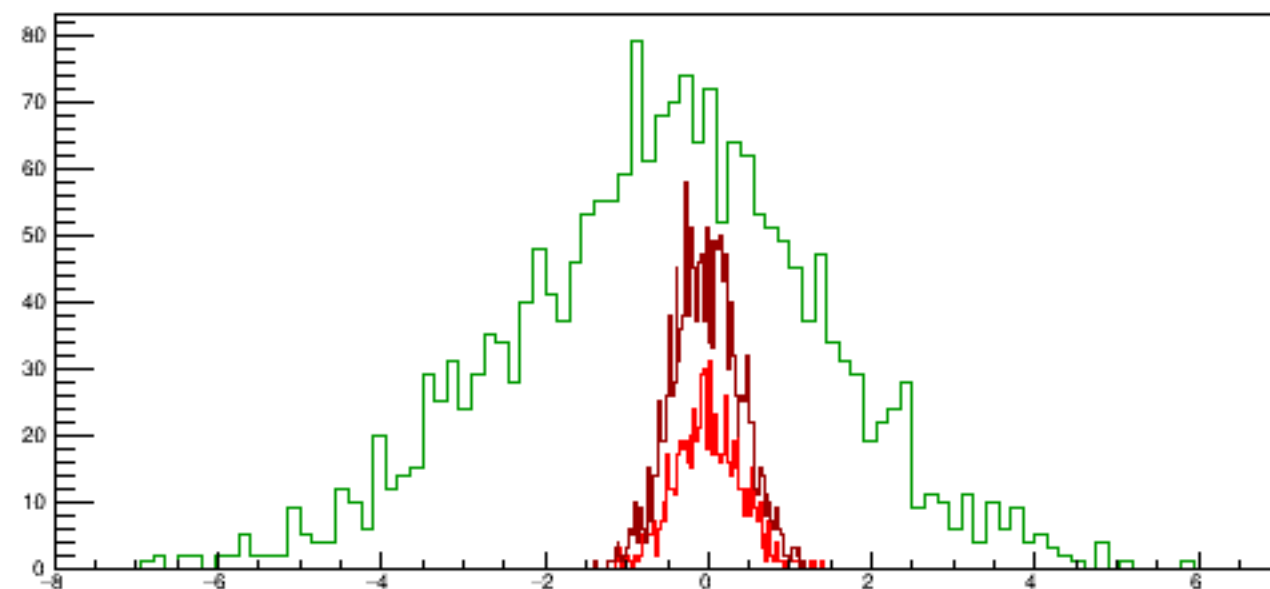
bcm:mpsCoda {mpsCoda>=631564 && mpsCoda<=652791}



Cycle 24, Diffs

Entries: 775	Entries: 2034	Entries: 1645
Mean: -0.0026 +/- 0.0143	Mean: -0.5560 +/- 0.0428	Mean: -0.0272 +/- 0.0103
Std Dev: 0.3974 +/- 0.0101	Std Dev: 1.9280 +/- 0.0302	Std Dev: 0.4178 +/- 0.0073

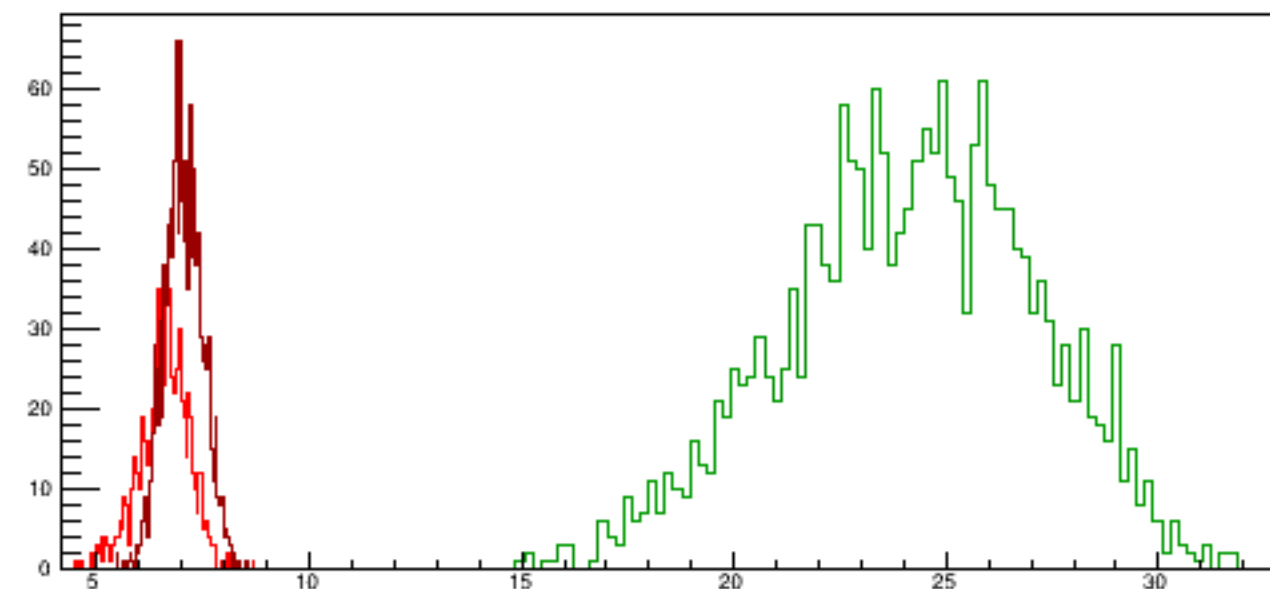
Run 5888 quartetwise, Diffs



Cycle 24, Sums

Entries: 775	Entries: 2034	Entries: 1645
Mean: 6.5859 +/- 0.0206	Mean: 24.1297 +/- 0.0654	Mean: 7.0300 +/- 0.0111
Std Dev: 0.5744 +/- 0.0146	Std Dev: 2.9517 +/- 0.0463	Std Dev: 0.4516 +/- 0.0079

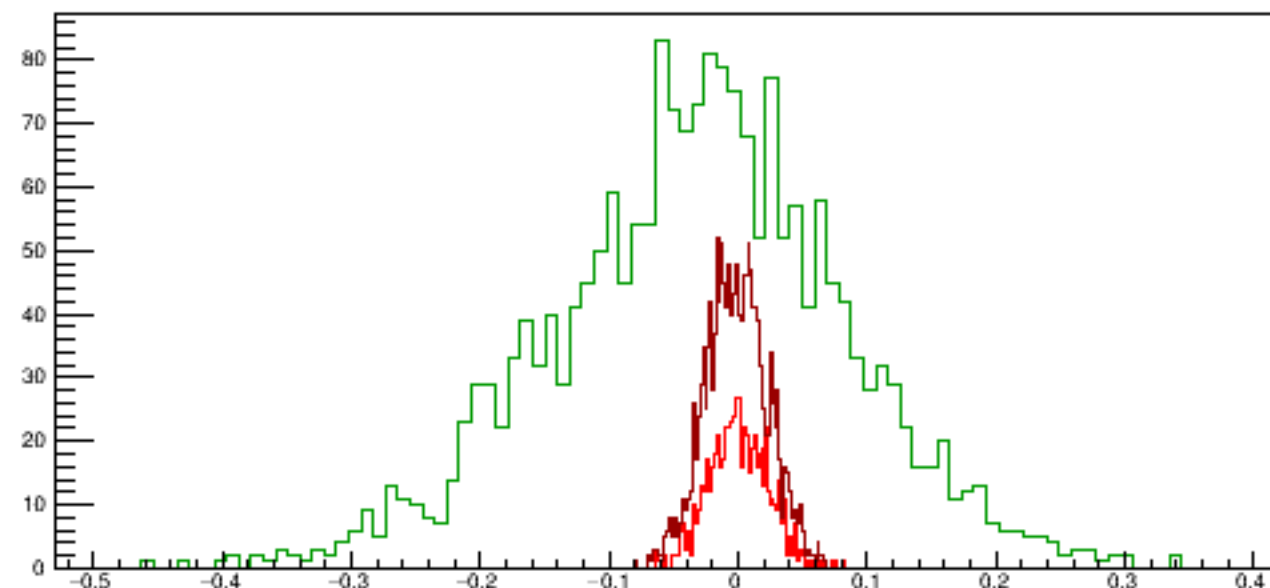
Run 5888 quartetwise, Sums



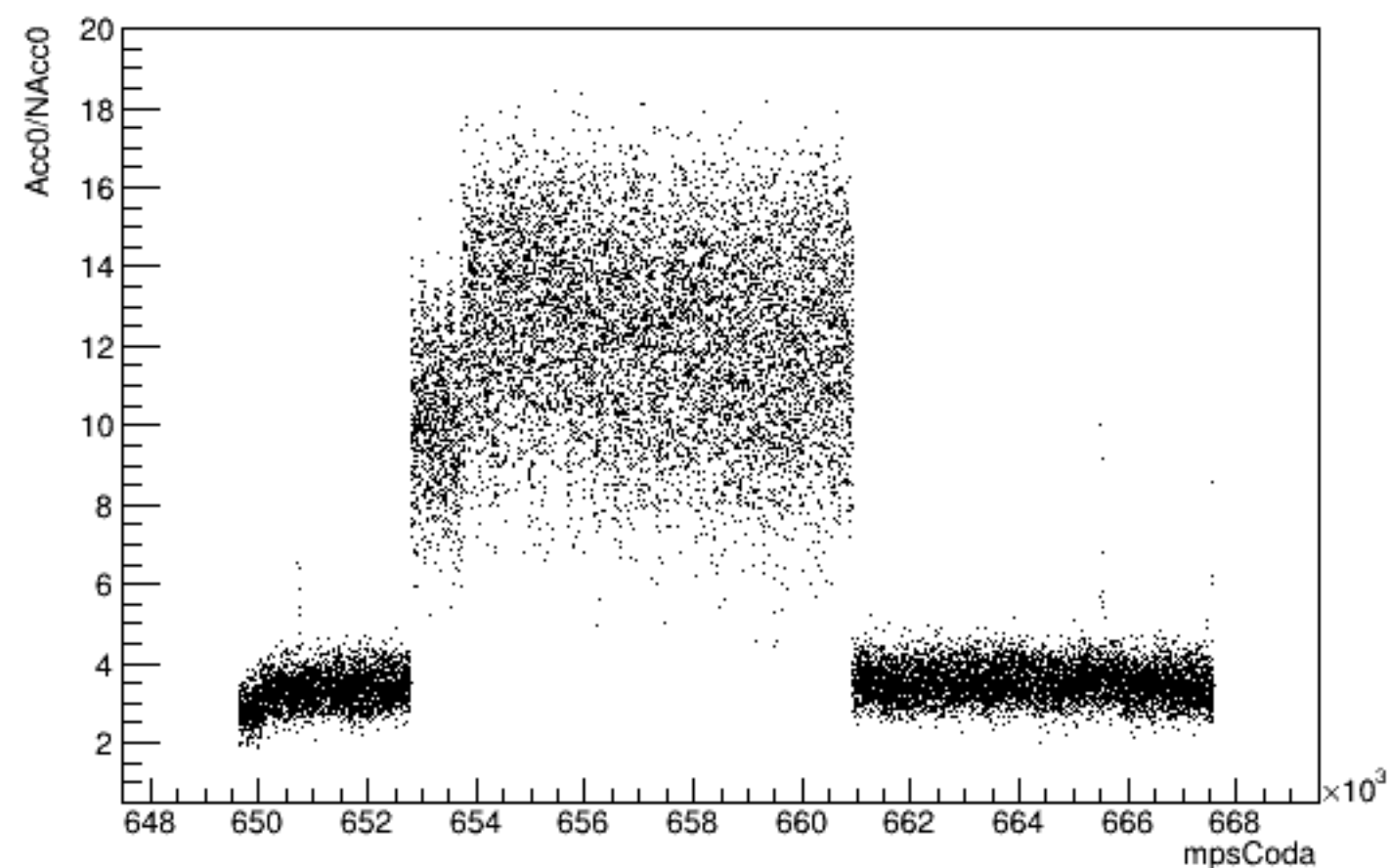
Cycle 24, Asyms

Entries: 775	Entries: 2034	Entries: 1645
Mean: -0.0002 +/- 0.0008	Mean: -0.0319 +/- 0.0025	Mean: -0.0016 +/- 0.0006
Std Dev: 0.0229 +/- 0.0006	Std Dev: 0.1143 +/- 0.0018	Std Dev: 0.0241 +/- 0.0004

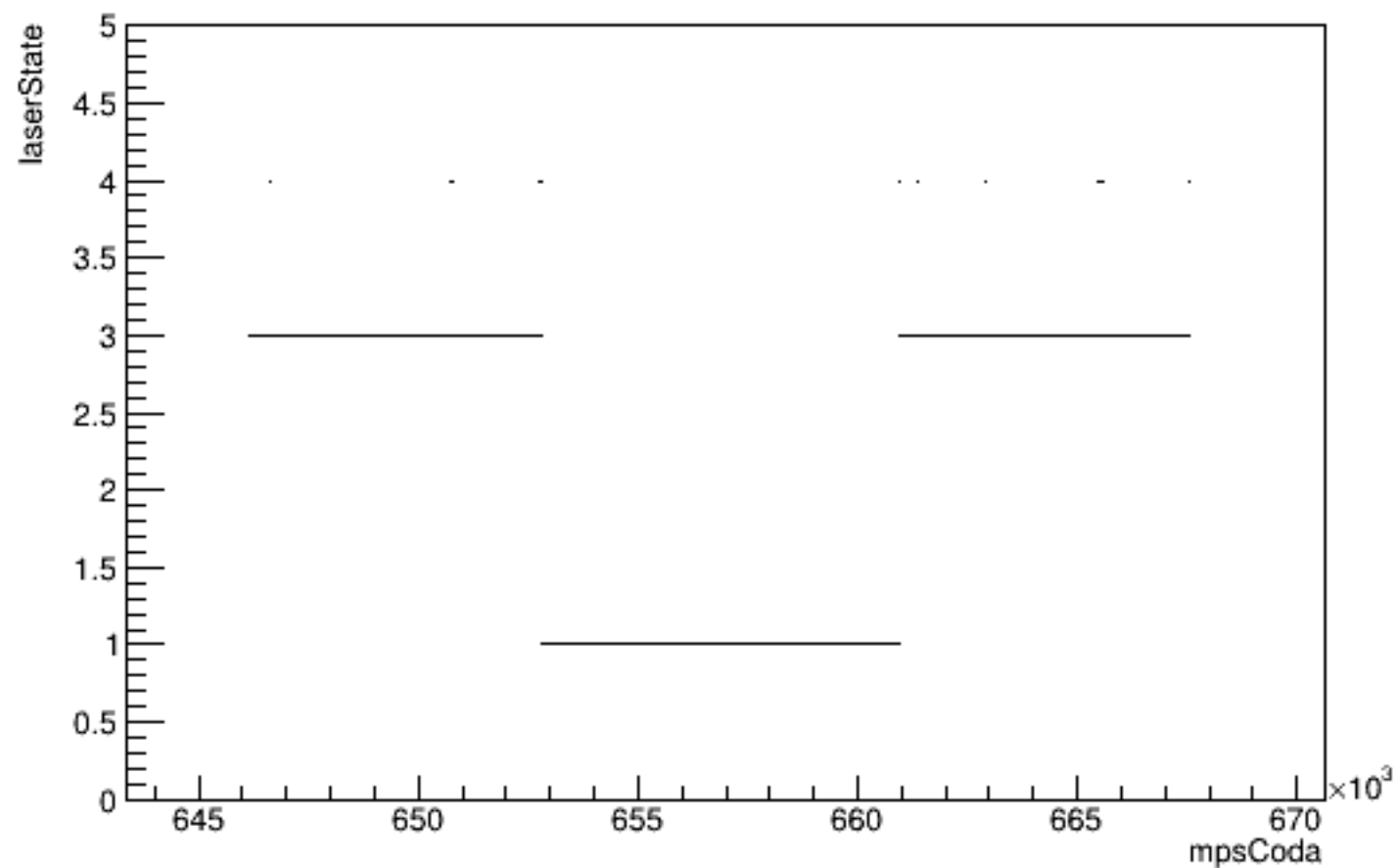
Run 5888 quartetwise, Asyms



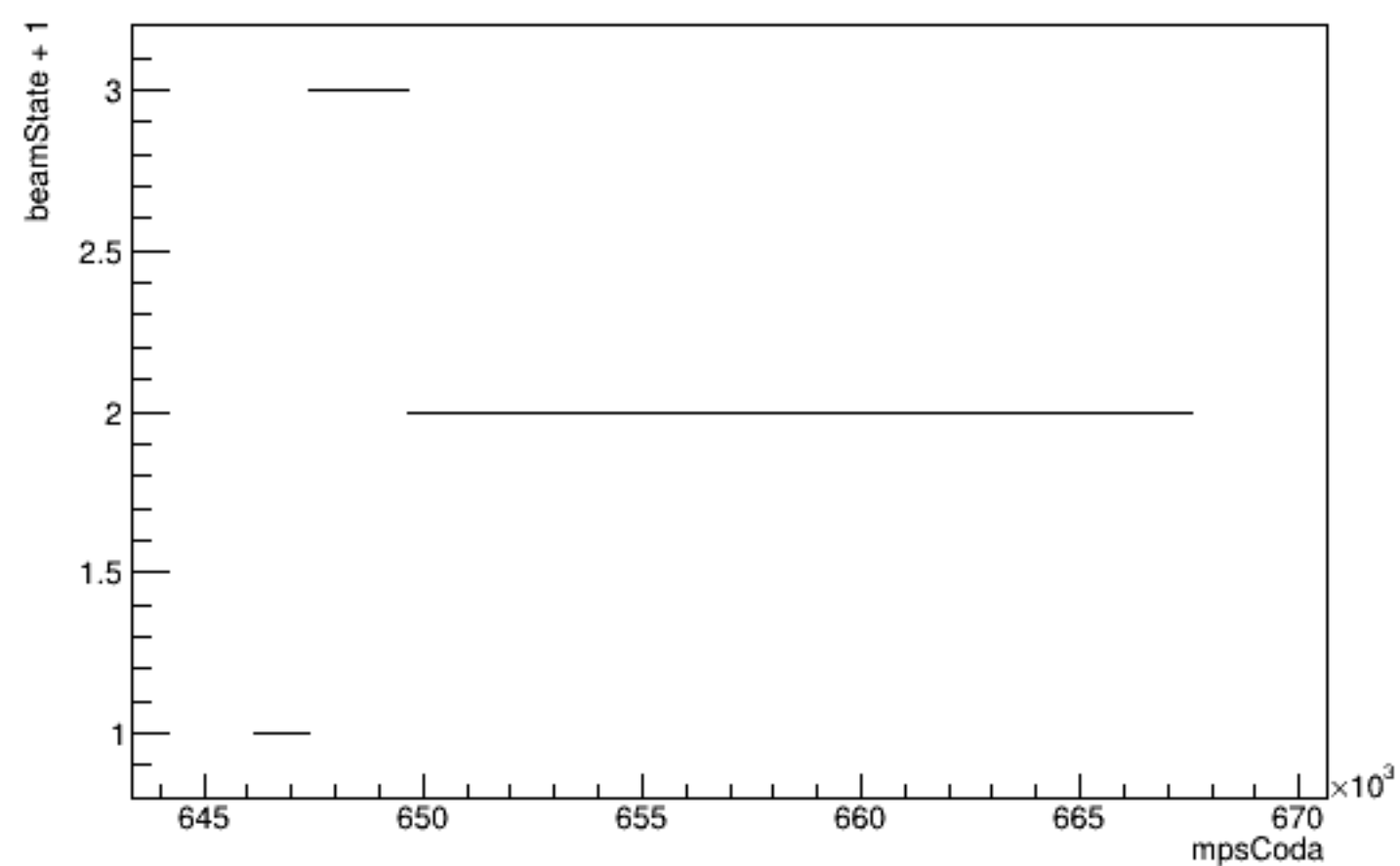
Acc0/NAcc0:mpsCoda (mpsCoda>=646124 && mpsCoda<=667575 && beamState==1)



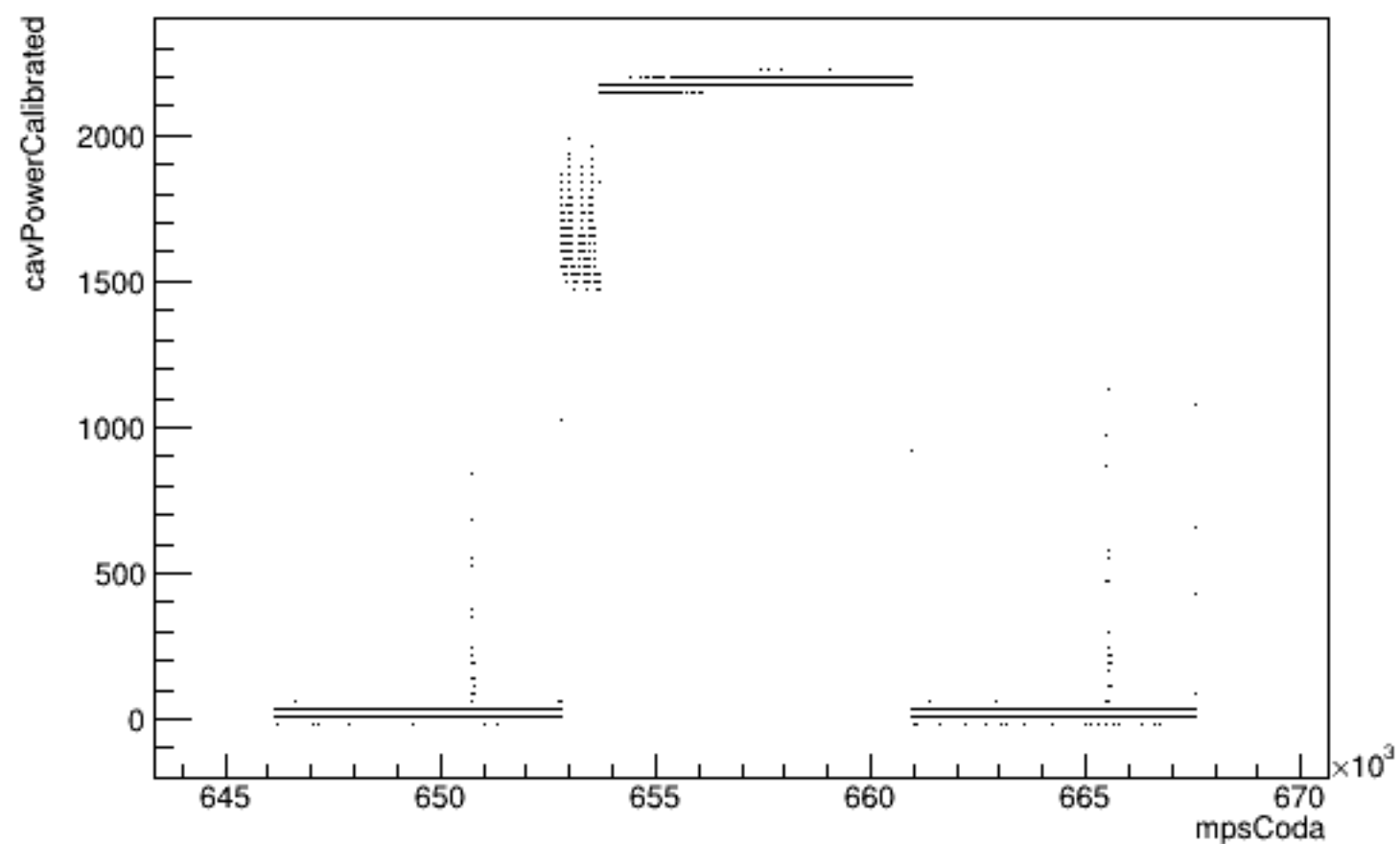
laserState:mpsCoda {mpsCoda>=646124 && mpsCoda<=667575}



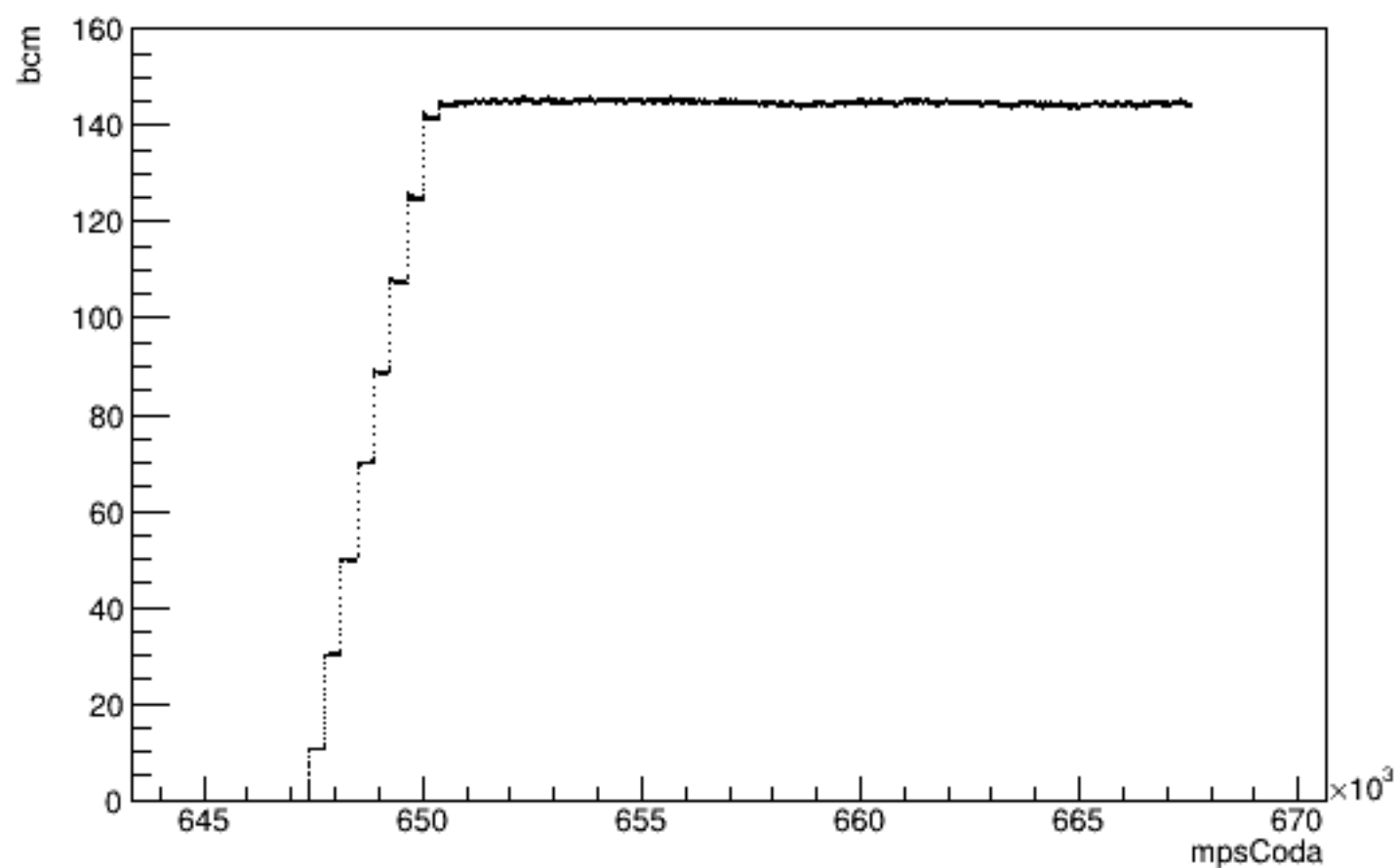
beamState + 1:mpsCoda {mpsCoda>=646124 && mpsCoda<=667575}



cavPowerCalibrated:mpsCoda {mpsCoda>=646124 && mpsCoda<=667575}



bcm:mpsCoda {mpsCoda>=646124 && mpsCoda<=667575}



Cycle 25, Diffs

Entries: 1647

Mean: -0.0023 +/- 0.0101

Std Dev: 0.4080 +/- 0.0071

Entries: 1957

Mean: -0.7978 +/- 0.0129

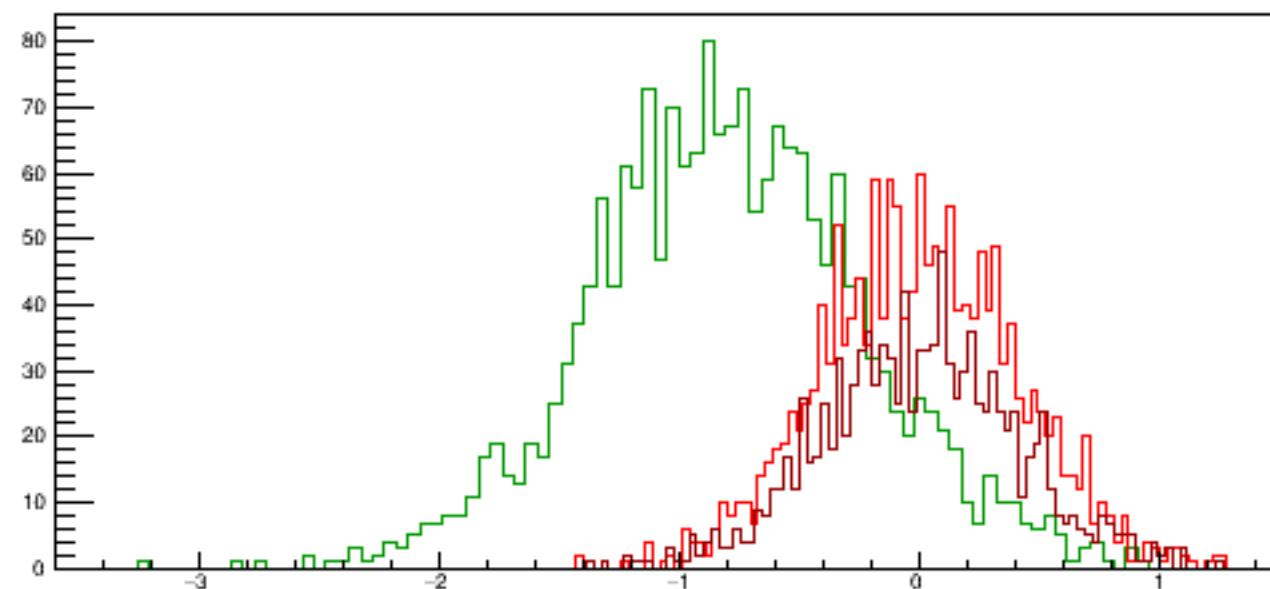
Std Dev: 0.5687 +/- 0.0091

Entries: 1140

Mean: -0.0061 +/- 0.0121

Std Dev: 0.4075 +/- 0.0085

Run 5888 quartetwise, Diffs



Cycle 25, Sums

Entries: 1647

Mean: 6.7663 +/- 0.0104

Std Dev: 0.4237 +/- 0.0074

Entries: 1957

Mean: 32.6736 +/- 0.0590

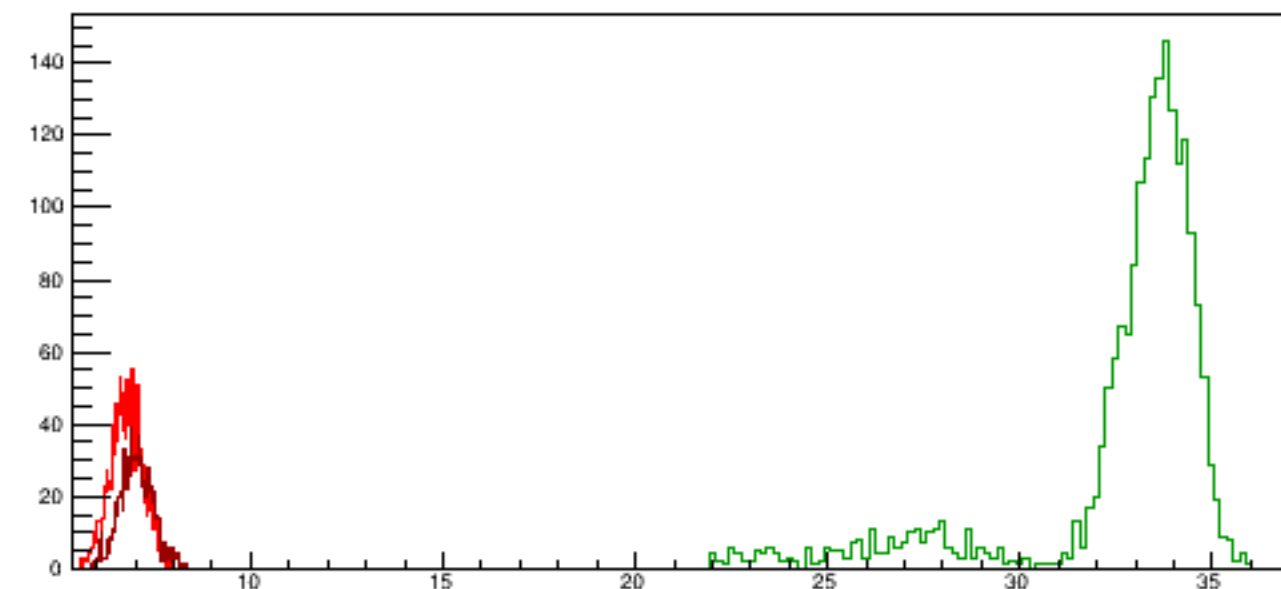
Std Dev: 2.6109 +/- 0.0417

Entries: 1140

Mean: 7.0195 +/- 0.0126

Std Dev: 0.4255 +/- 0.0089

Run 5888 quartetwise, Sums



Cycle 25, Asyms

Entries: 1647

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0158 +/- 0.0003

Entries: 1957

Mean: -0.0309 +/- 0.0005

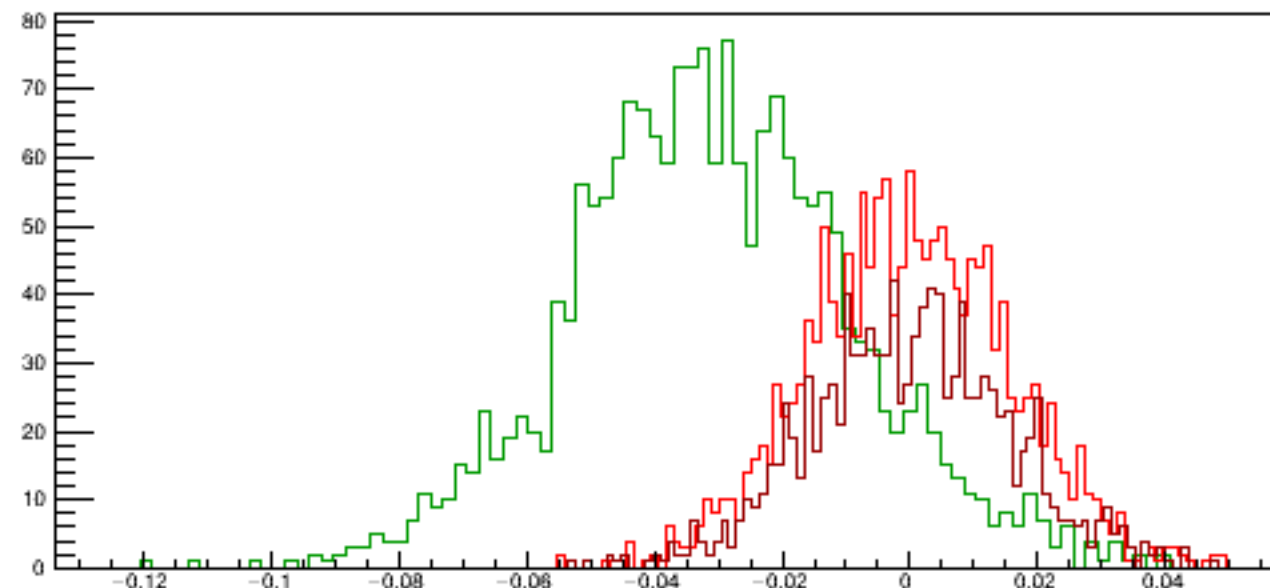
Std Dev: 0.0221 +/- 0.0004

Entries: 1140

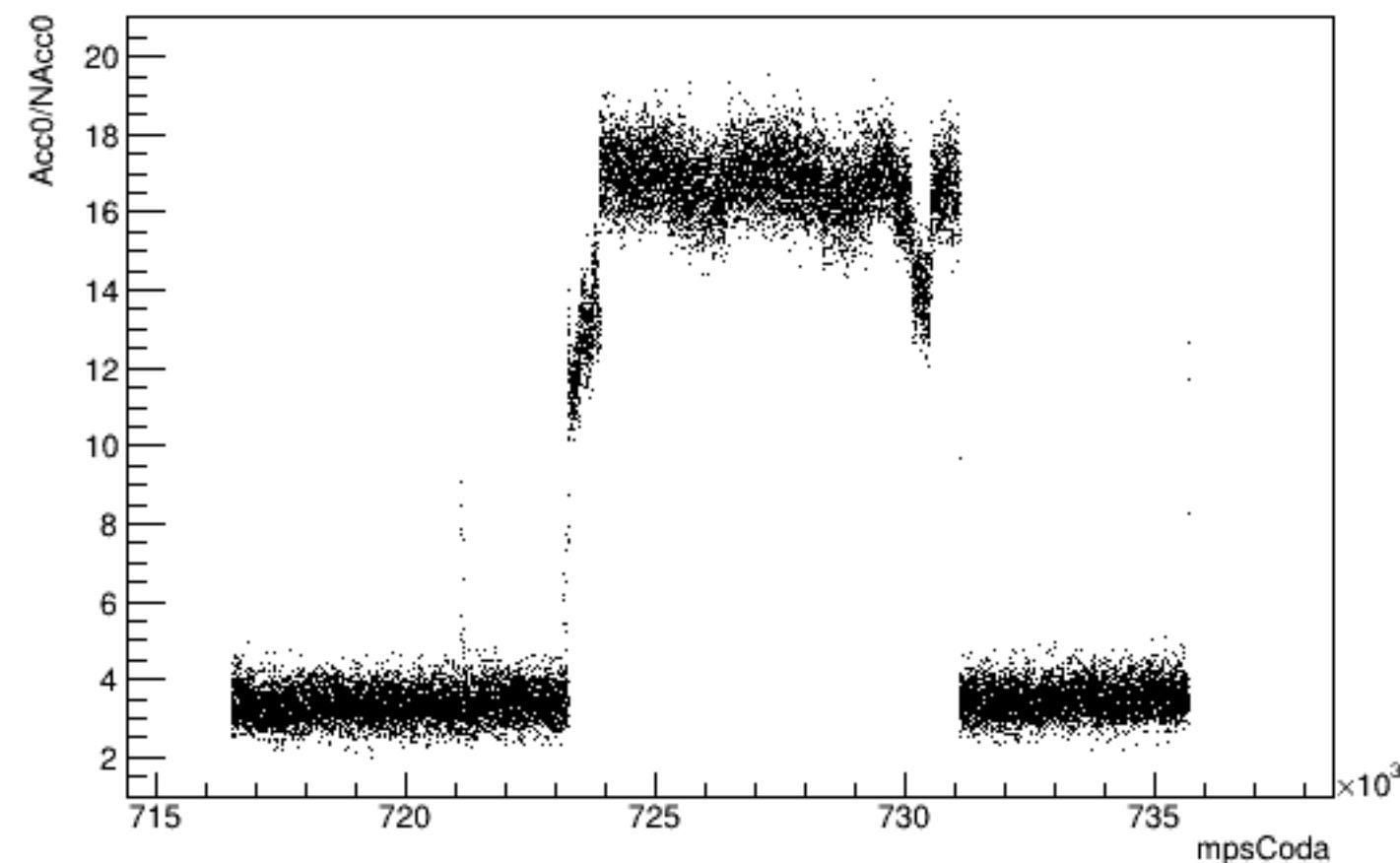
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0158 +/- 0.0003

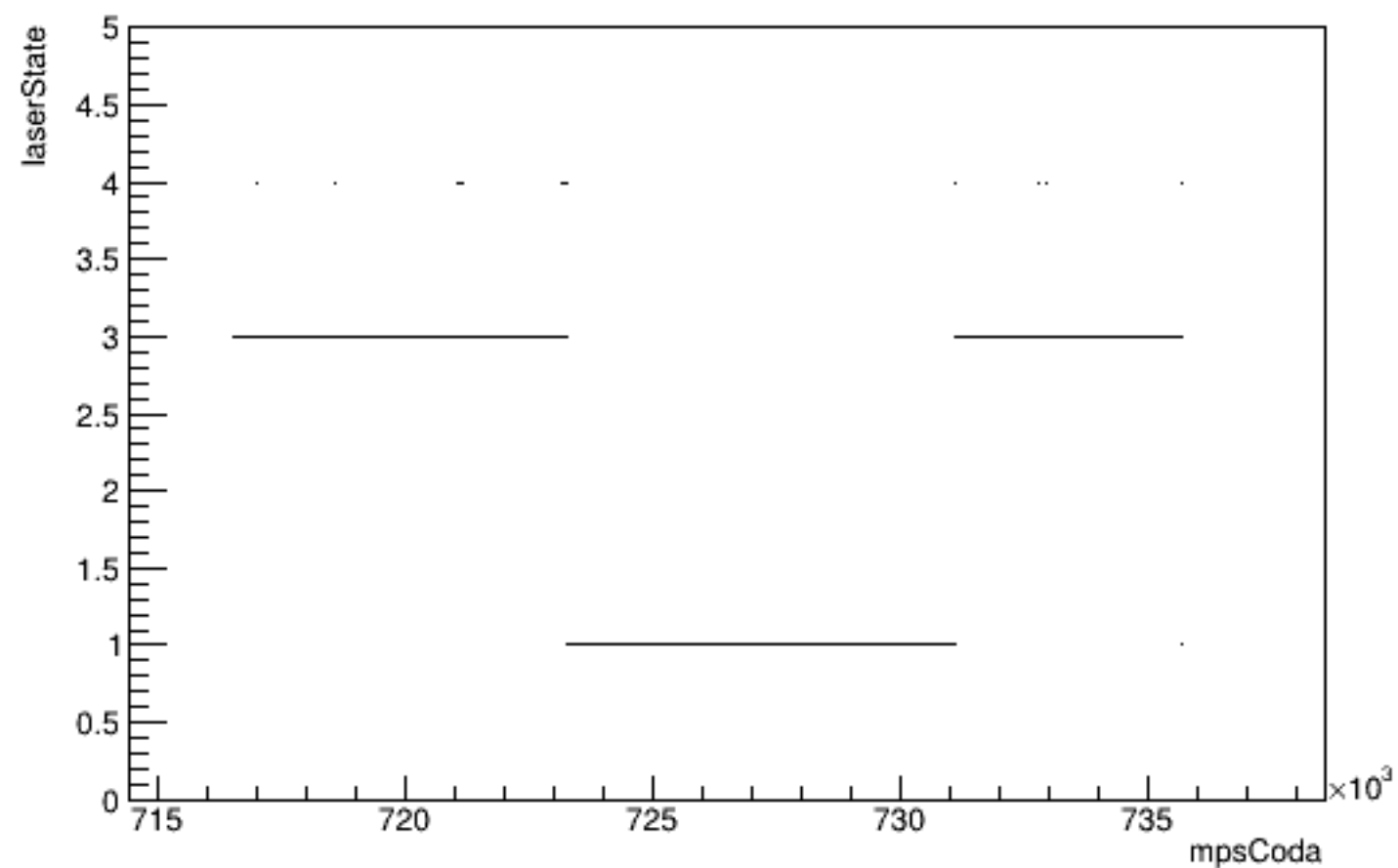
Run 5888 quartetwise, Asyms



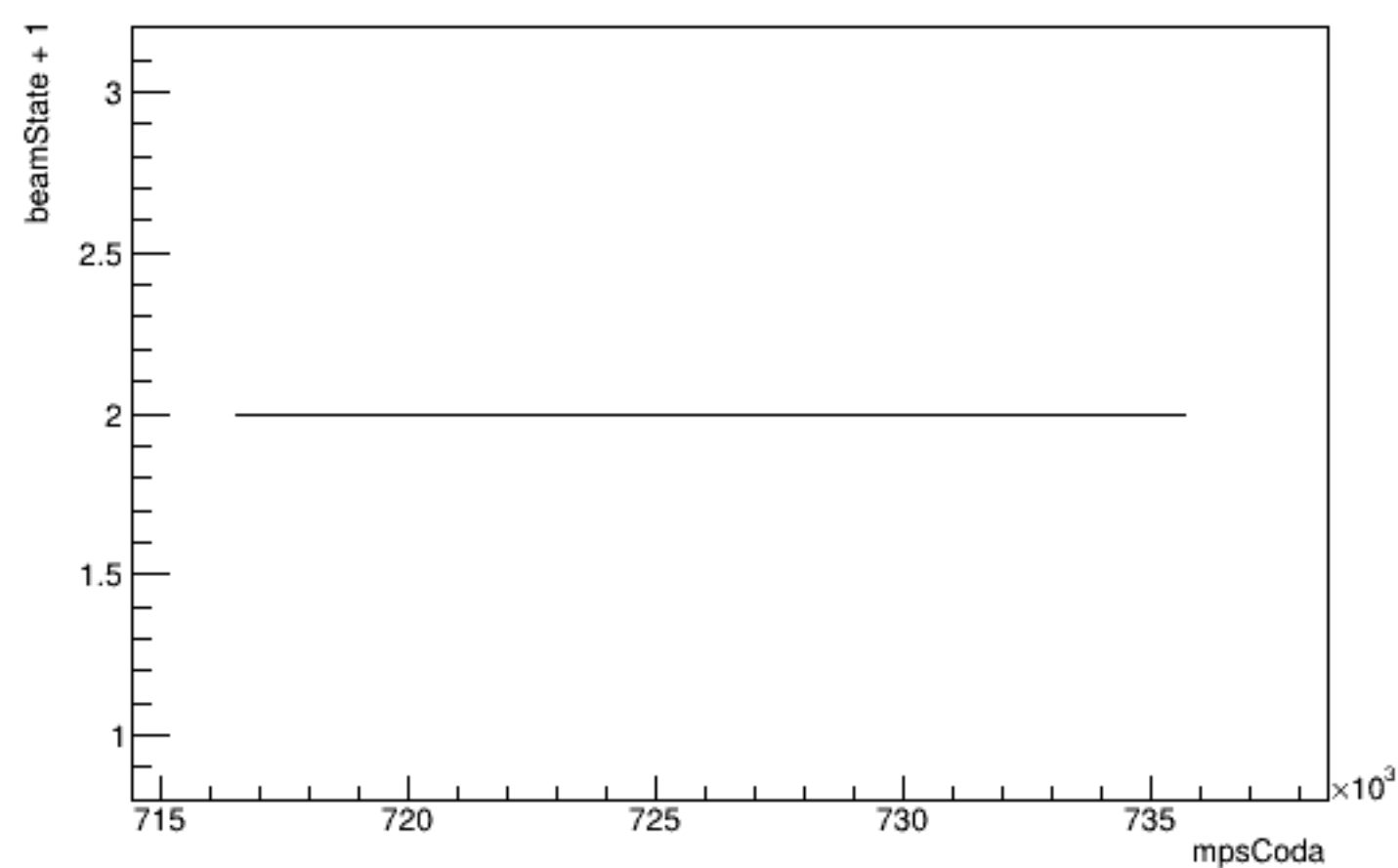
Acc0/NAcc0:mpsCoda (mpsCoda>=716524 && mpsCoda<=735667 && beamState==1)



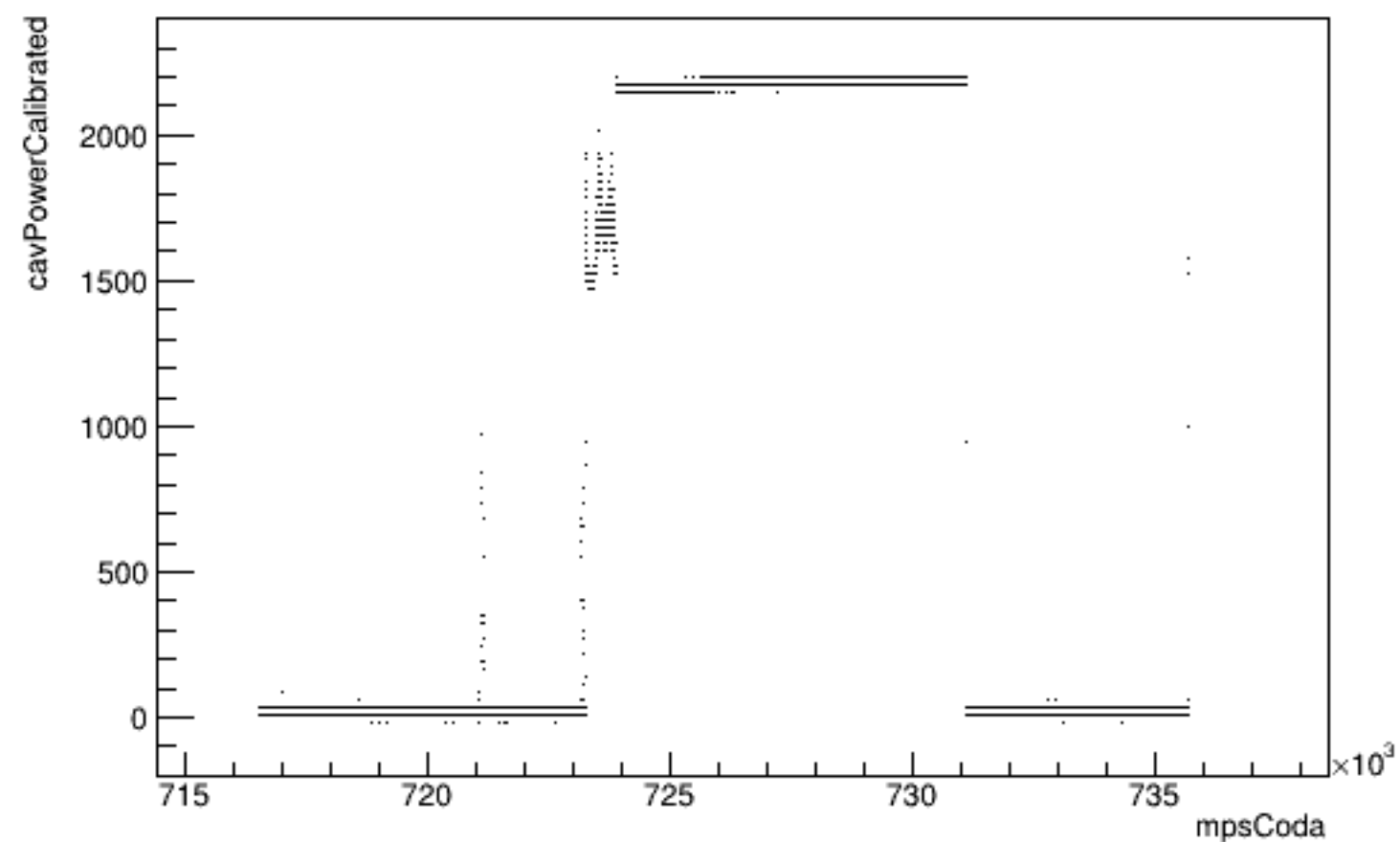
laserState:mpsCoda {mpsCoda>=716524 && mpsCoda<=735667}



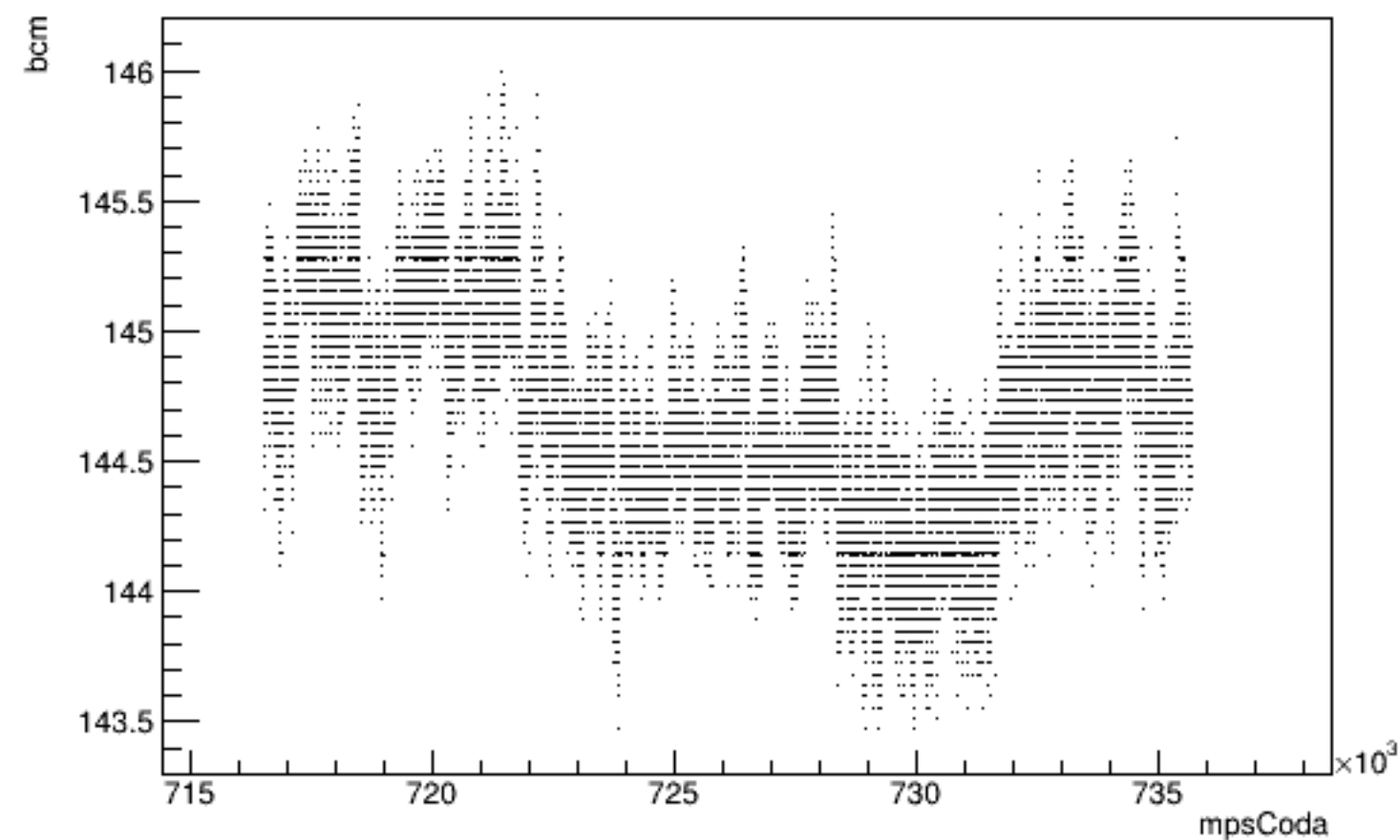
beamState + 1:mpsCoda {mpsCoda>=716524 && mpsCoda<=735667}



cavPowerCalibrated:mpsCoda {mpsCoda>=716524 && mpsCoda<=735667}



bcm:mpsCoda {mpsCoda>=716524 && mpsCoda<=735667}



Cycle 26, Diffs

Entries: 1140

Mean: -0.0061 +/- 0.0121

Std Dev: 0.4075 +/- 0.0085

Entries: 1949

Mean: -0.8135 +/- 0.0126

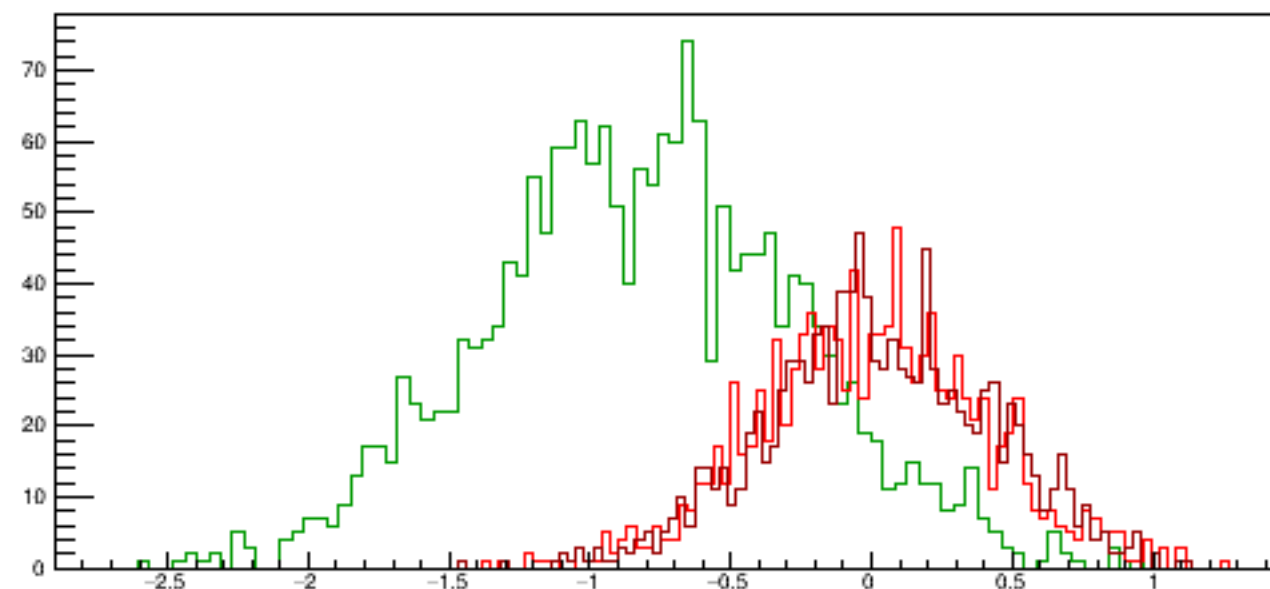
Std Dev: 0.5564 +/- 0.0089

Entries: 1143

Mean: 0.0213 +/- 0.0118

Std Dev: 0.4001 +/- 0.0084

Run 5888 quartetwise, Diffs



Cycle 26, Sums

Entries: 1140

Mean: 7.0195 +/- 0.0126

Std Dev: 0.4255 +/- 0.0089

Entries: 1949

Mean: 32.8349 +/- 0.0533

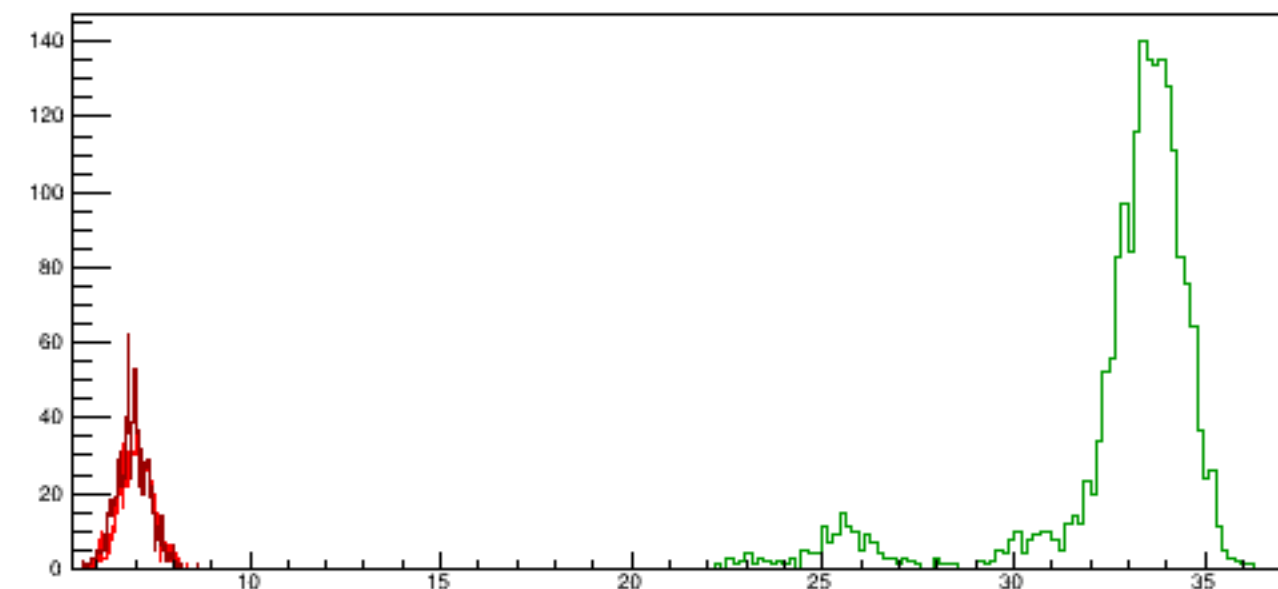
Std Dev: 2.3547 +/- 0.0377

Entries: 1143

Mean: 6.9393 +/- 0.0126

Std Dev: 0.4257 +/- 0.0089

Run 5888 quartetwise, Sums



Cycle 26, Asyms

Entries: 1140

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0158 +/- 0.0003

Entries: 1949

Mean: -0.0315 +/- 0.0005

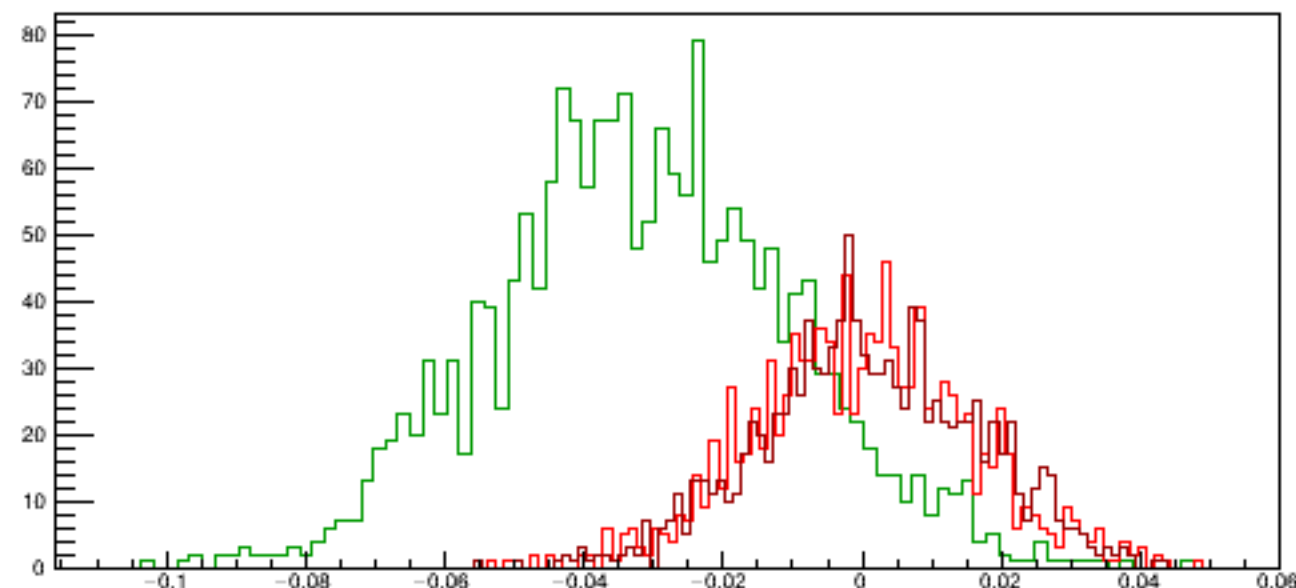
Std Dev: 0.0215 +/- 0.0003

Entries: 1143

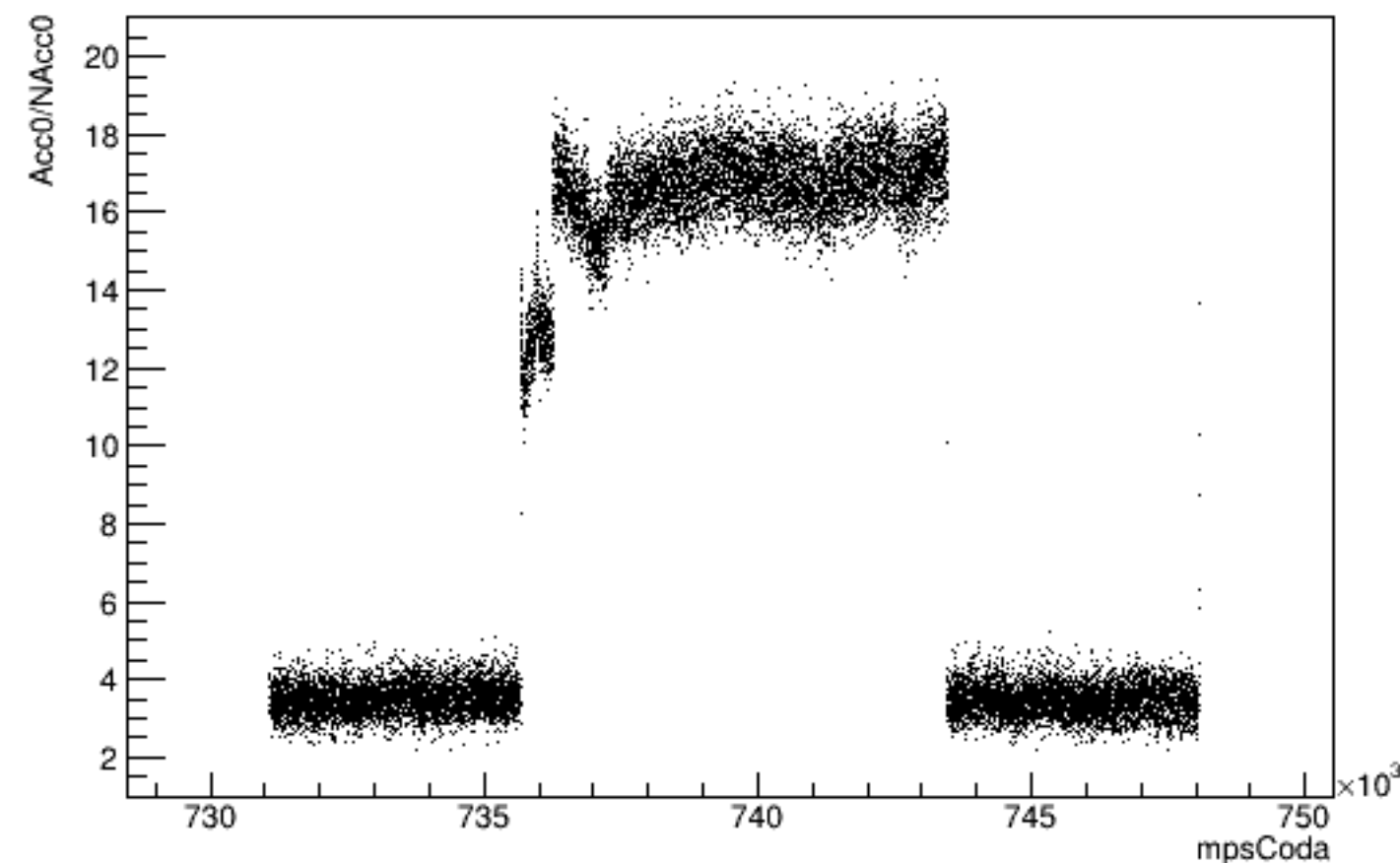
Mean: 0.0008 +/- 0.0005

Std Dev: 0.0155 +/- 0.0003

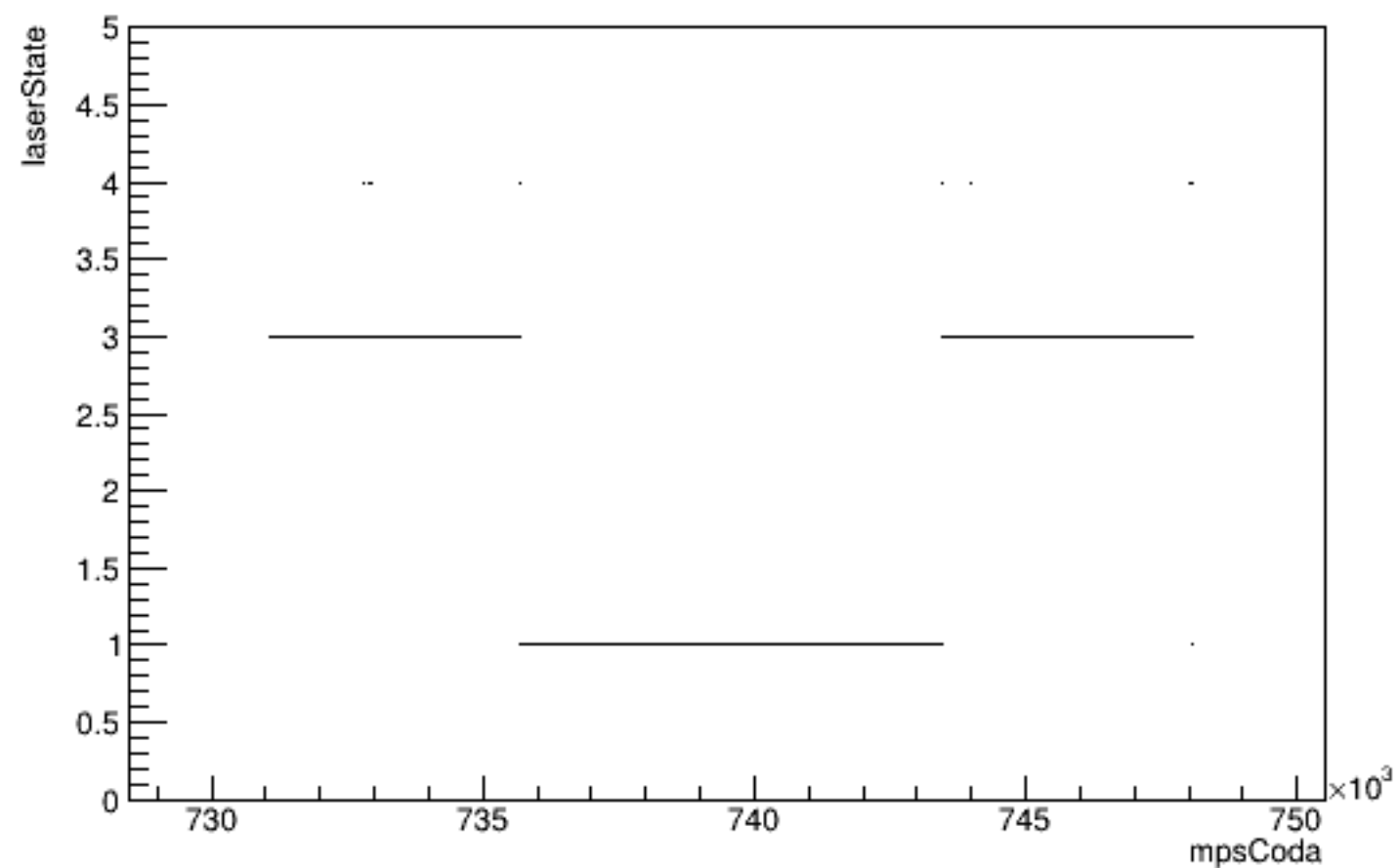
Run 5888 quartetwise, Asyms



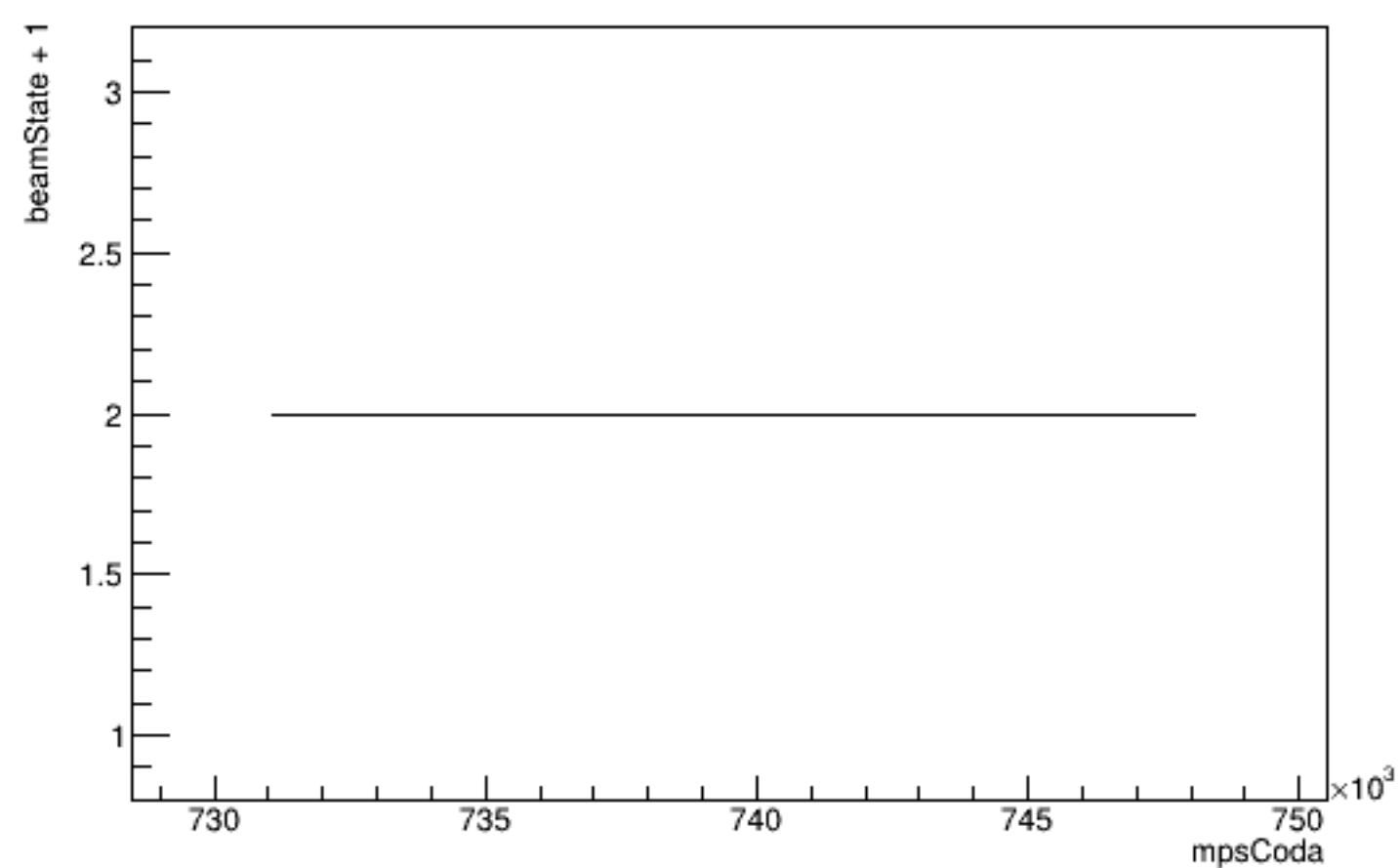
Acc0/NAcc0:mpsCoda (mpsCoda>=731088 && mpsCoda<=748059 && beamState==1)



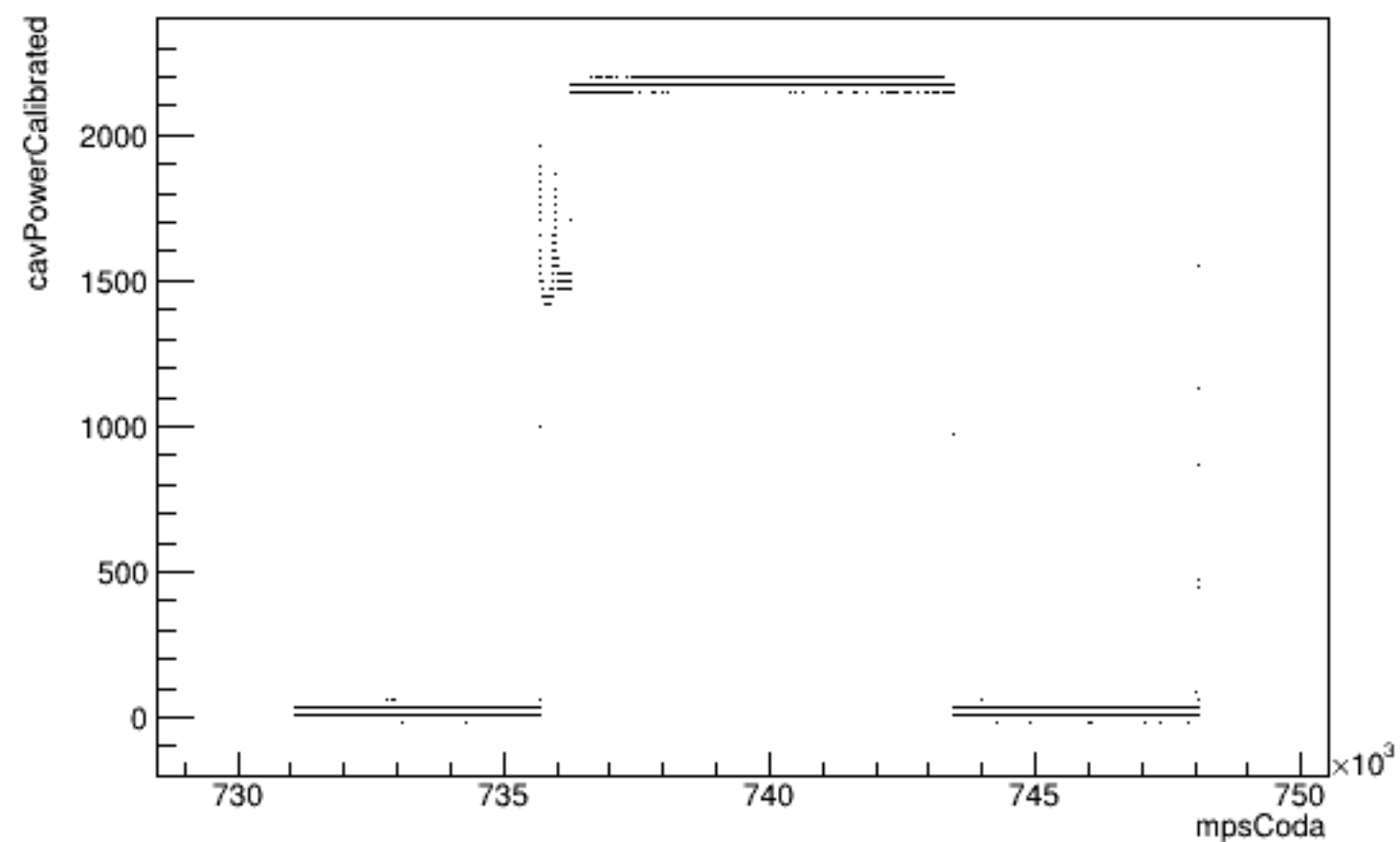
laserState:mpsCoda {mpsCoda>=731088 && mpsCoda<=748059}



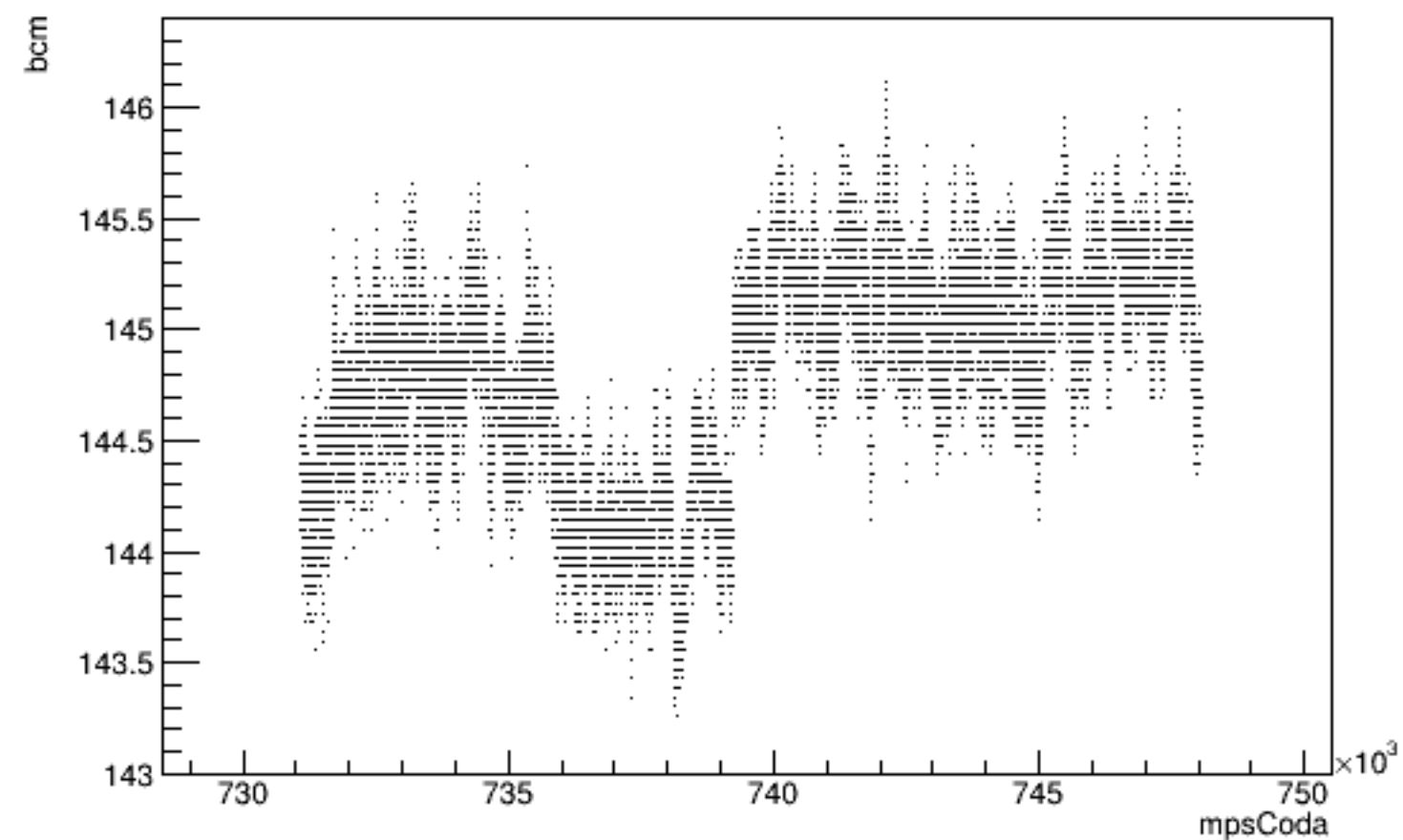
beamState + 1:mpsCoda {mpsCoda>=731088 && mpsCoda<=748059}



cavPowerCalibrated:mpsCoda {mpsCoda>=731088 && mpsCoda<=748059}



bcm:mpsCoda {mpsCoda>=731088 && mpsCoda<=748059}



Cycle 27, Diffs

Entries: 1143

Mean: 0.0213 +/- 0.0118

Std Dev: 0.4001 +/- 0.0084

Entries: 2006

Mean: -0.8259 +/- 0.0129

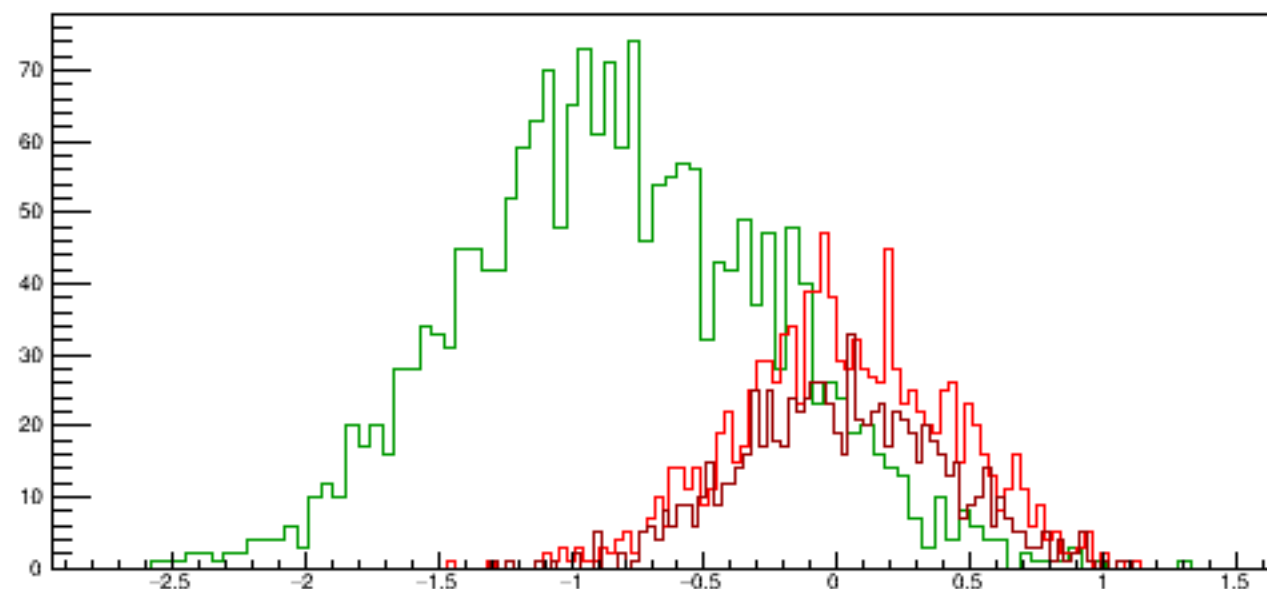
Std Dev: 0.5772 +/- 0.0091

Entries: 833

Mean: 0.0116 +/- 0.0133

Std Dev: 0.3840 +/- 0.0094

Run 5888 quartetwise, Diffs



Cycle 27, Sums

Entries: 1143

Mean: 6.9393 +/- 0.0126

Std Dev: 0.4257 +/- 0.0089

Entries: 2006

Mean: 32.1867 +/- 0.0595

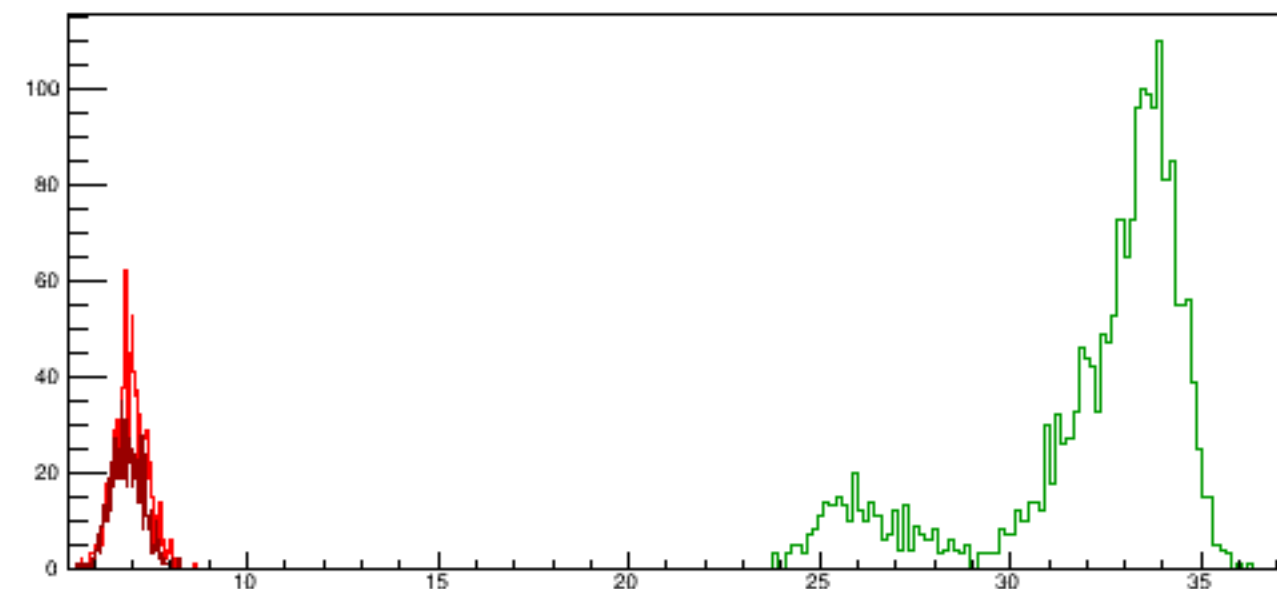
Std Dev: 2.6635 +/- 0.0421

Entries: 833

Mean: 6.8555 +/- 0.0147

Std Dev: 0.4245 +/- 0.0104

Run 5888 quartetwise, Sums



Cycle 27, Asyms

Entries: 1143

Mean: 0.0008 +/- 0.0005

Std Dev: 0.0158 +/- 0.0003

Entries: 2006

Mean: -0.0326 +/- 0.0005

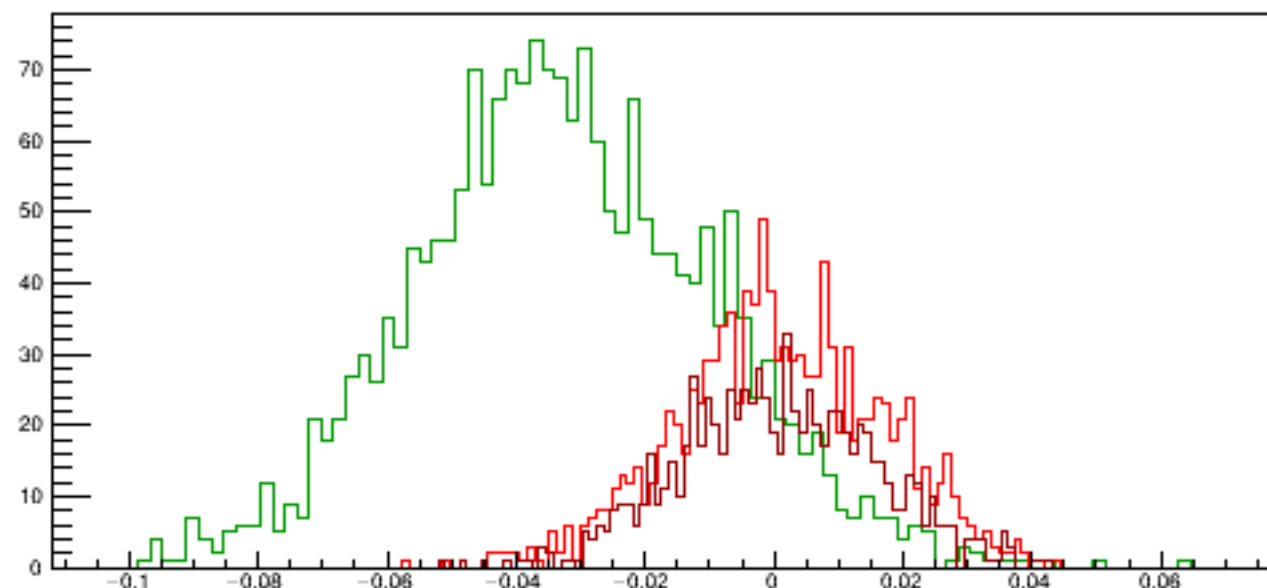
Std Dev: 0.0229 +/- 0.0004

Entries: 833

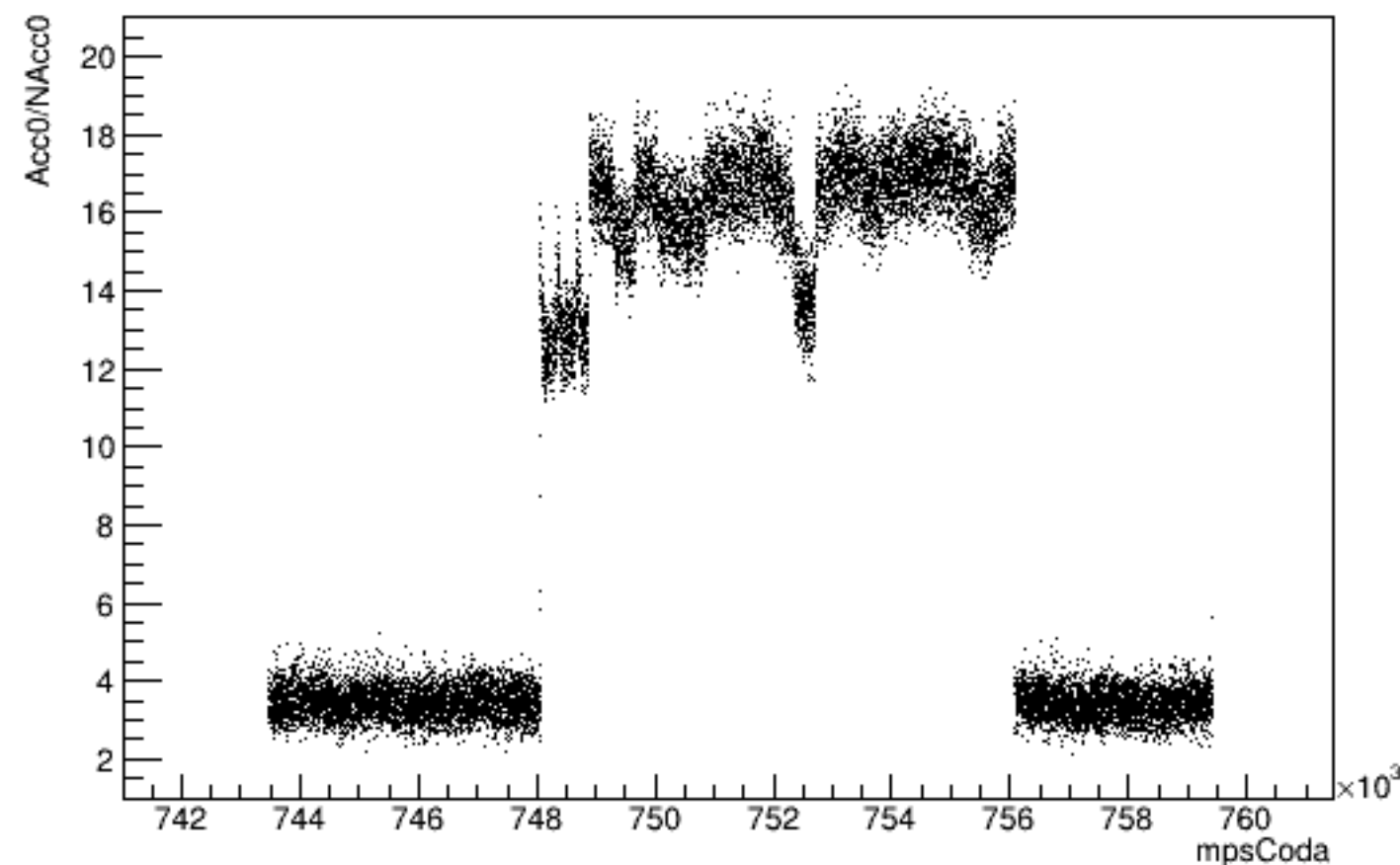
Mean: 0.0005 +/- 0.0005

Std Dev: 0.0152 +/- 0.0004

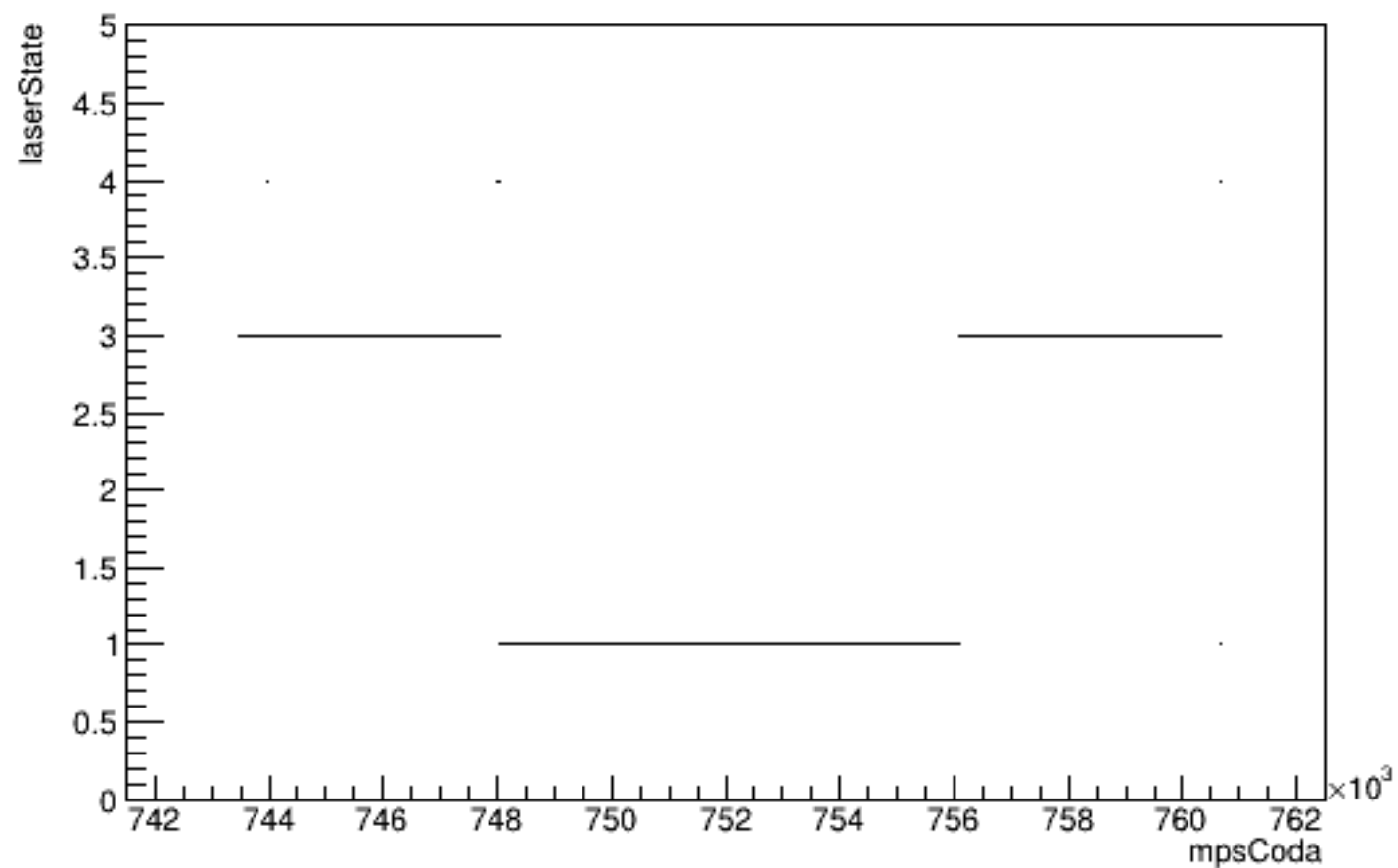
Run 5888 quartetwise, Asyms



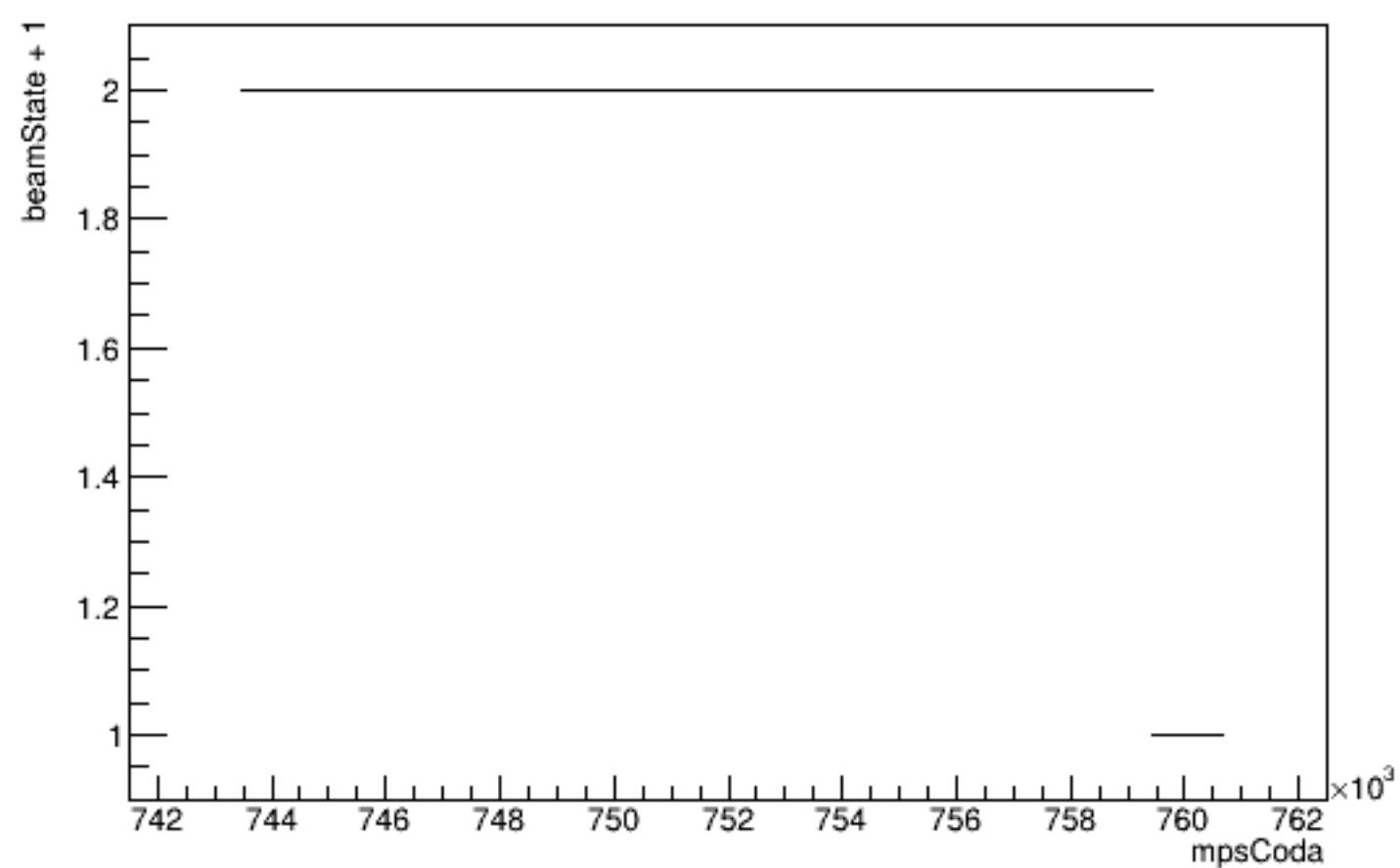
Acc0/NAcc0:mpsCoda (mpsCoda>=743468 && mpsCoda<=760675 && beamState==1)



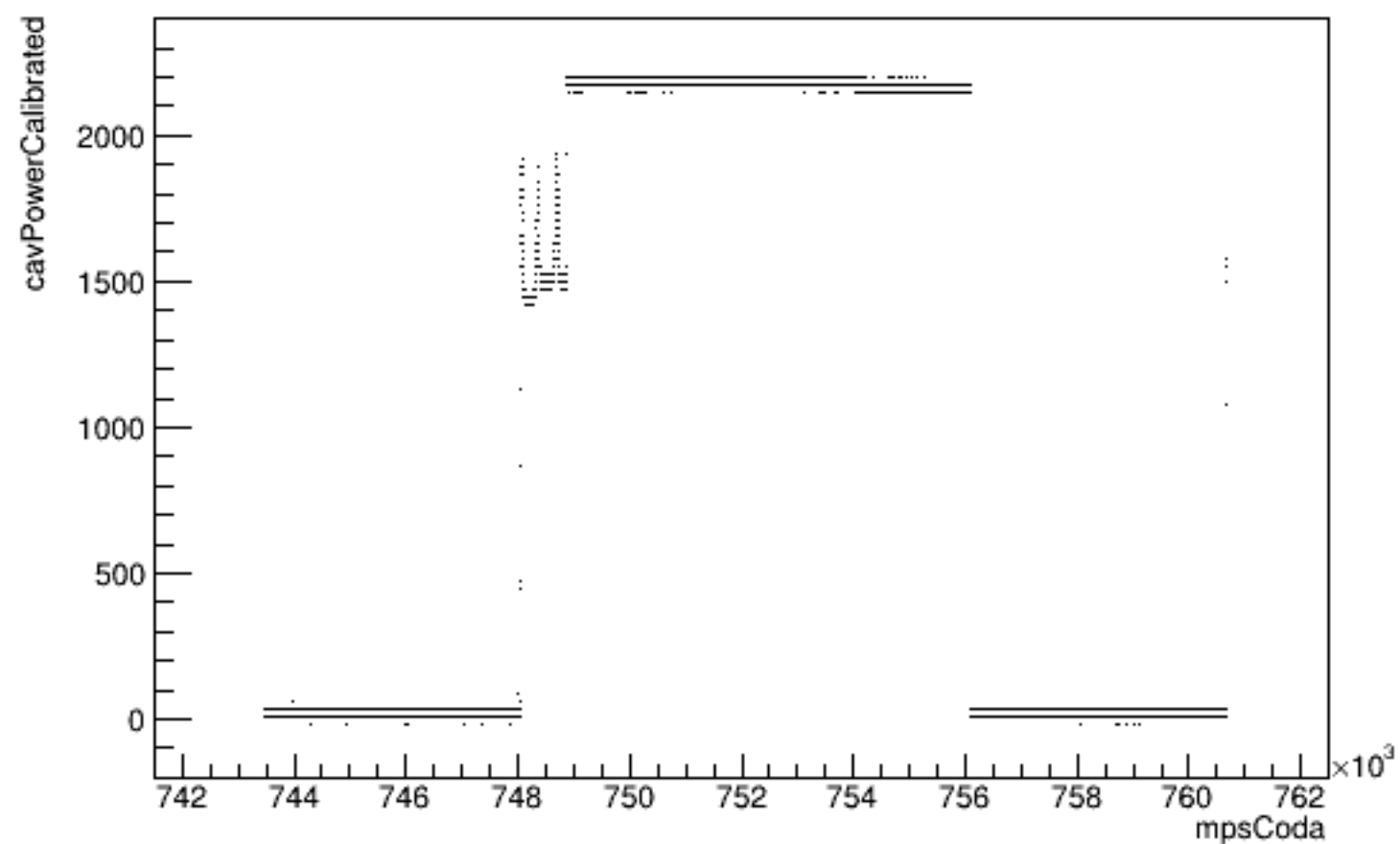
laserState:mpsCoda {mpsCoda>=743468 && mpsCoda<=760675}



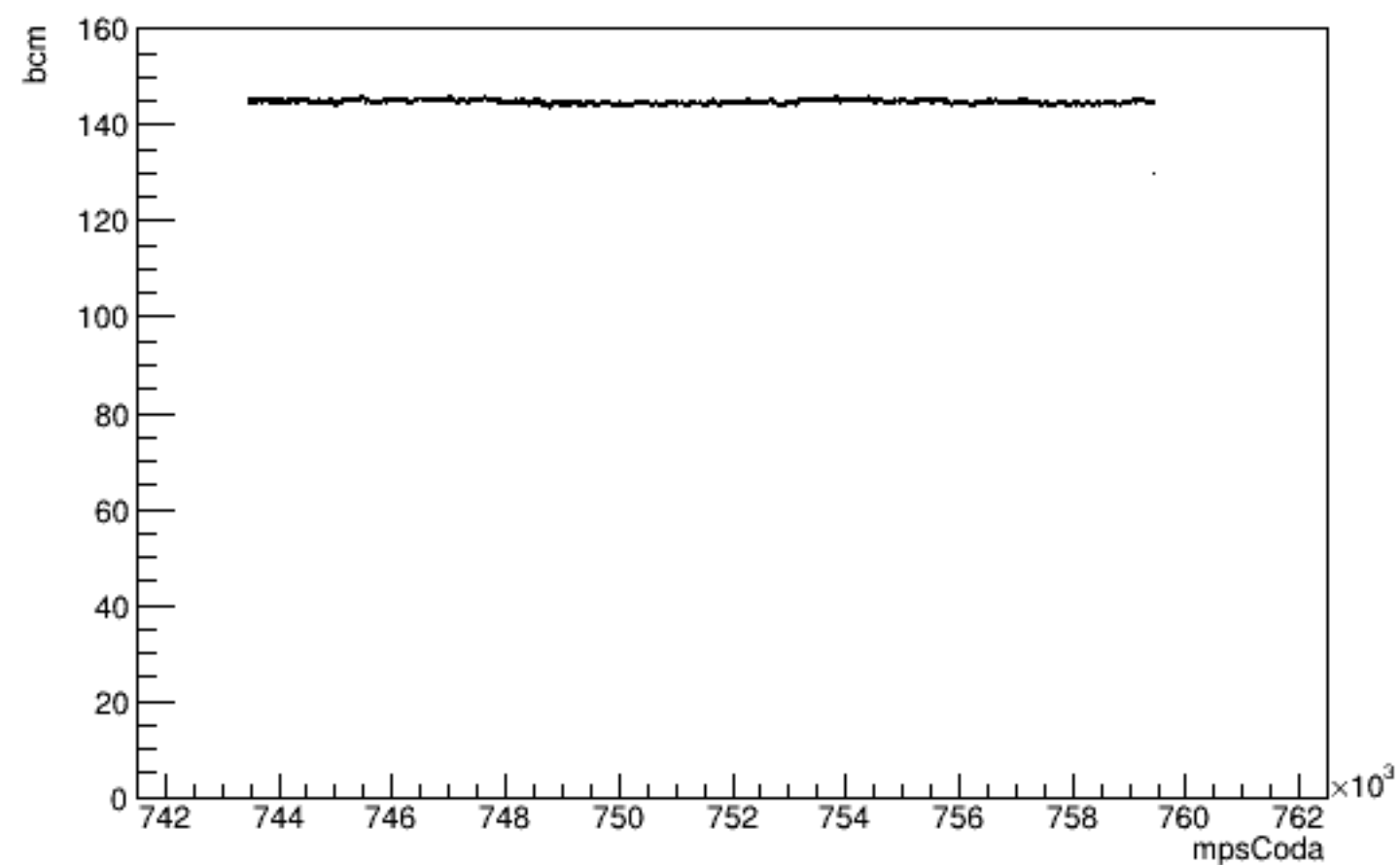
beamState + 1:mpsCoda {mpsCoda>=743468 && mpsCoda<=760675}



cavPowerCalibrated:mpsCoda {mpsCoda>=743468 && mpsCoda<=760675}



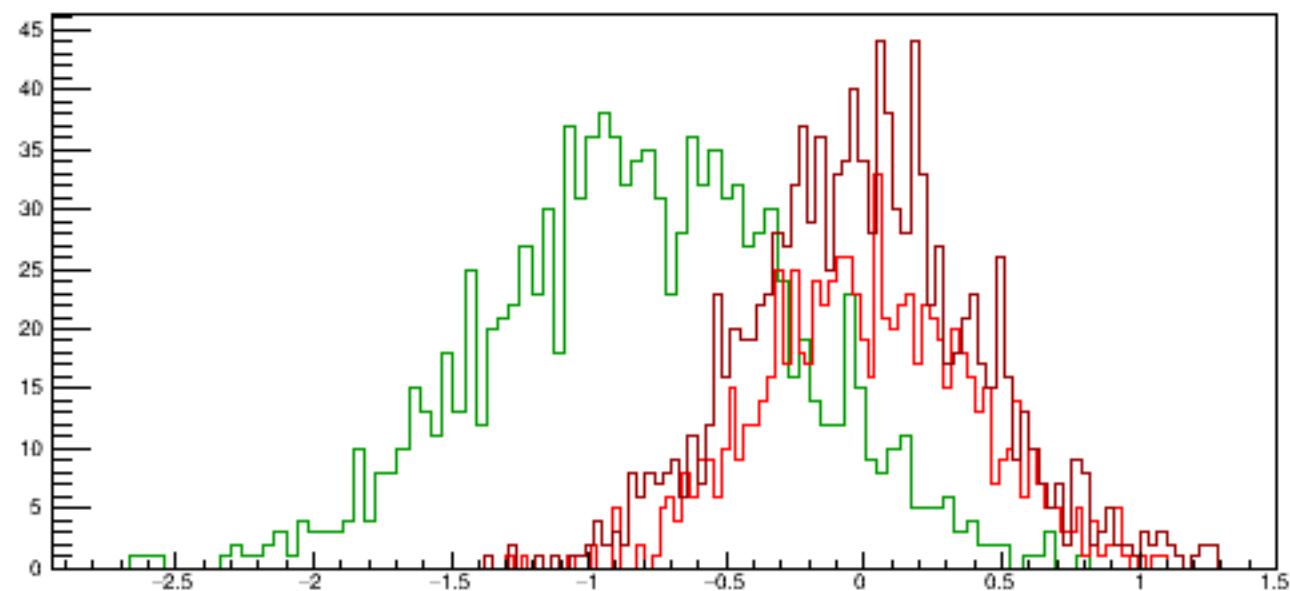
bcm:mpsCoda {mpsCoda>=743468 && mpsCoda<=760675}



Cycle 28, Diffs

Entries: 833	Entries: 1164	Entries: 1147
Mean: 0.0116 +/- 0.0133	Mean: -0.8041 +/- 0.0161	Mean: -0.0076 +/- 0.0123
Std Dev: 0.3840 +/- 0.0094	Std Dev: 0.5493 +/- 0.0114	Std Dev: 0.4167 +/- 0.0087

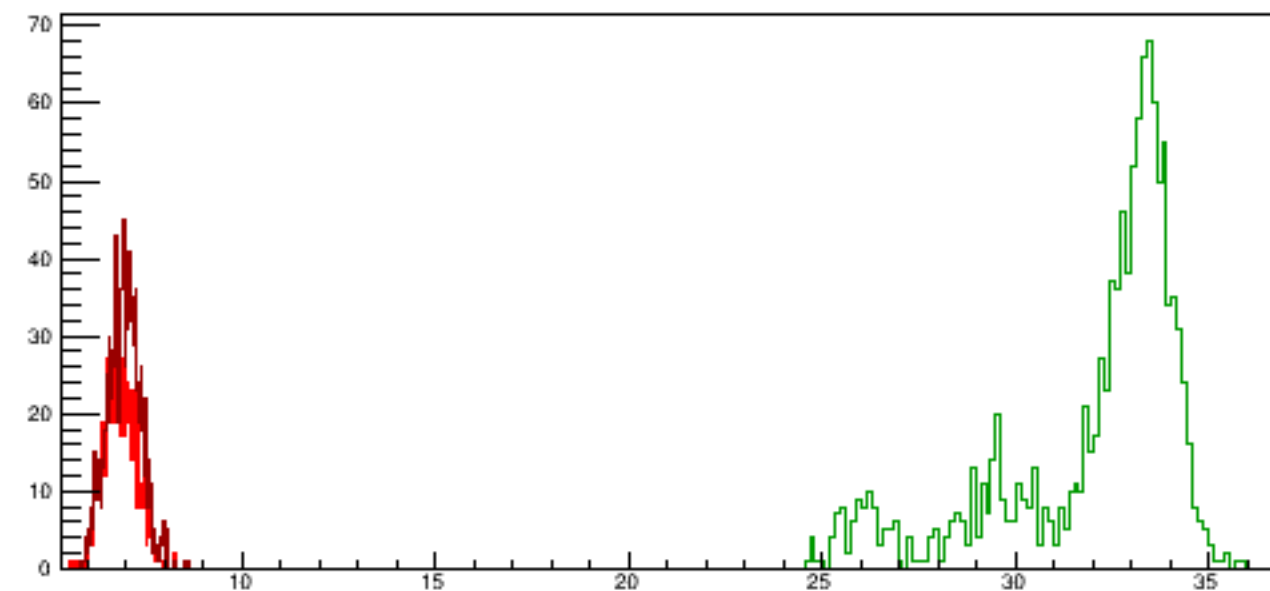
Run 5888 quartetwise, Diffs



Cycle 28, Sums

Entries: 833	Entries: 1164	Entries: 1147
Mean: 6.8555 +/- 0.0147	Mean: 32.0524 +/- 0.0696	Mean: 6.9436 +/- 0.0126
Std Dev: 0.4245 +/- 0.0104	Std Dev: 2.3748 +/- 0.0492	Std Dev: 0.4257 +/- 0.0089

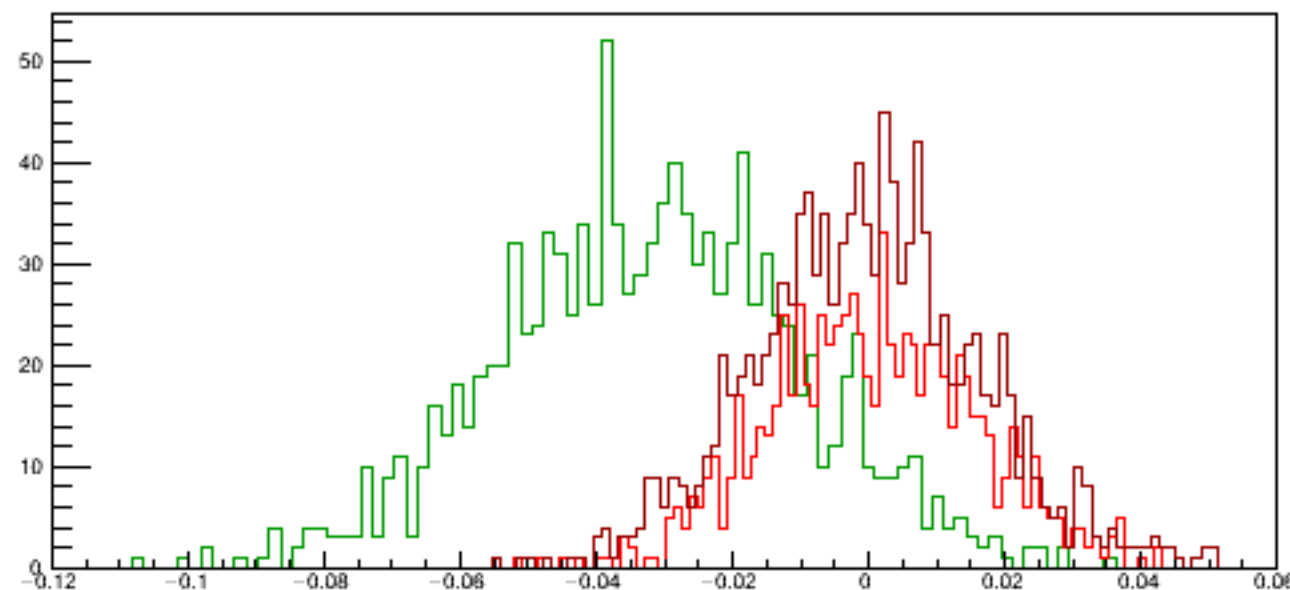
Run 5888 quartetwise, Sums



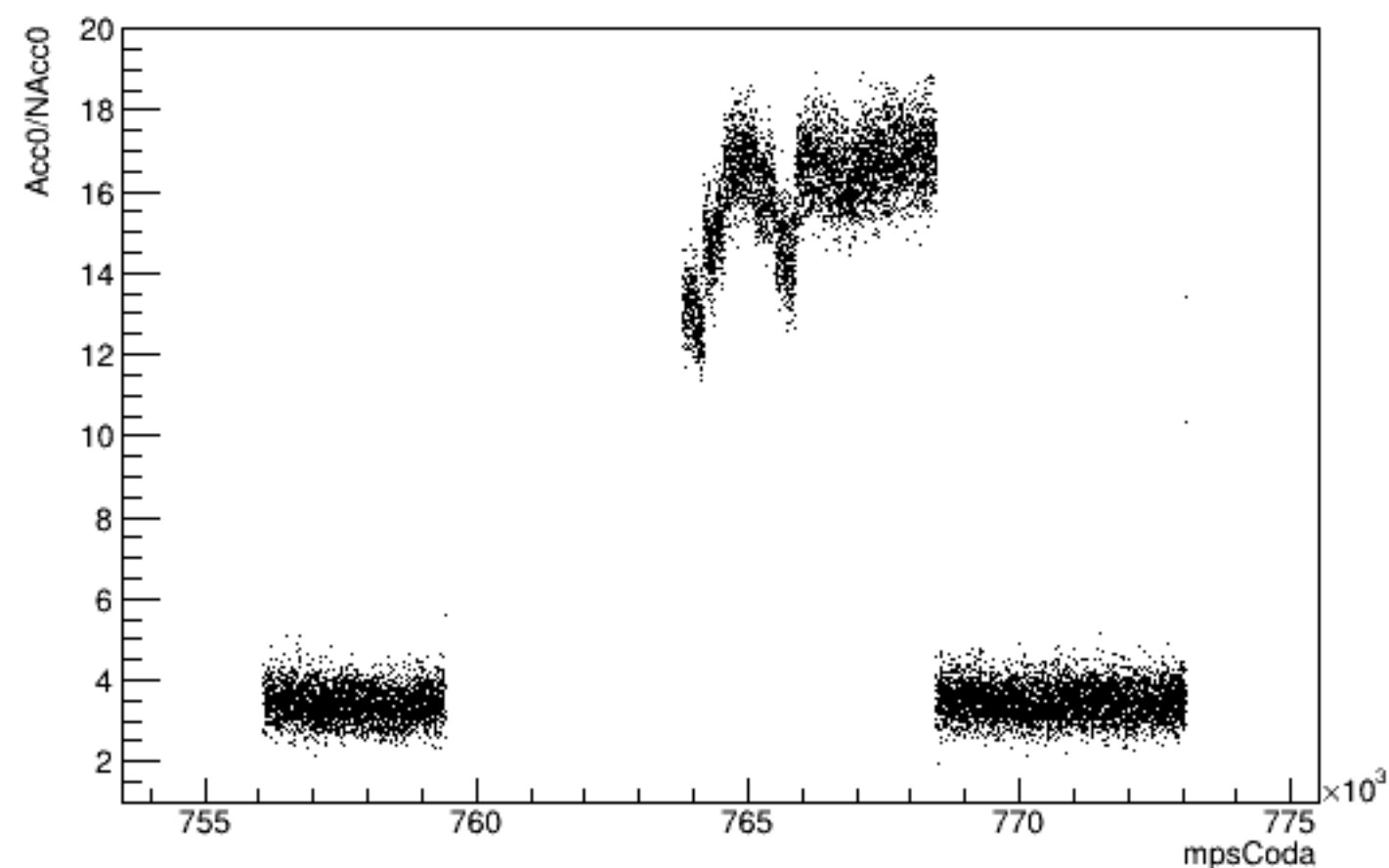
Cycle 28, Asyms

Entries: 833	Entries: 1164	Entries: 1147
Mean: 0.0005 +/- 0.0005	Mean: -0.0321 +/- 0.0006	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0153 +/- 0.0004	Std Dev: 0.0218 +/- 0.0005	Std Dev: 0.0166 +/- 0.0003

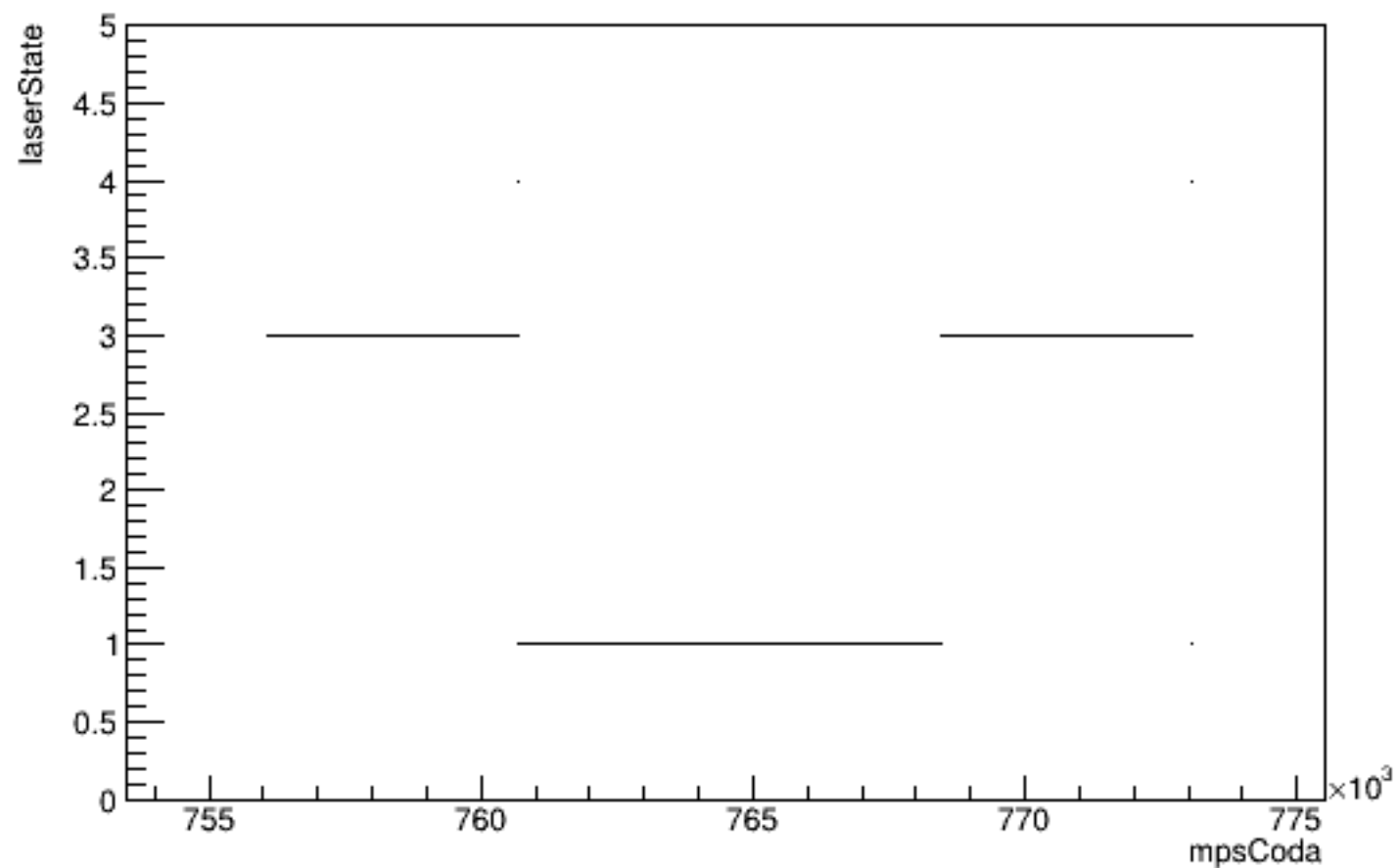
Run 5888 quartetwise, Asyms



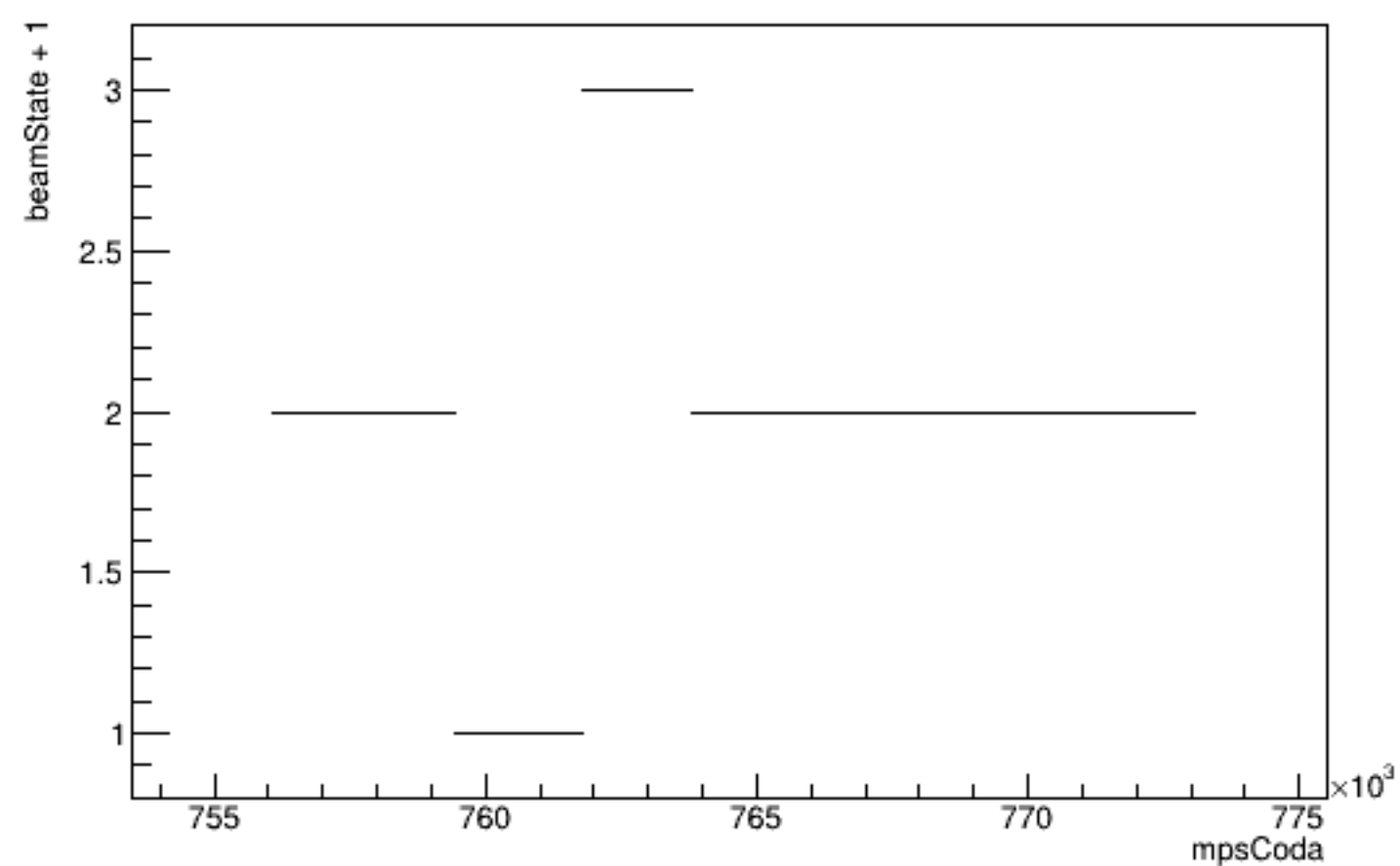
Acc0/NAcc0:mpsCoda (mpsCoda>=756088 && mpsCoda<=773059 && beamState==1)



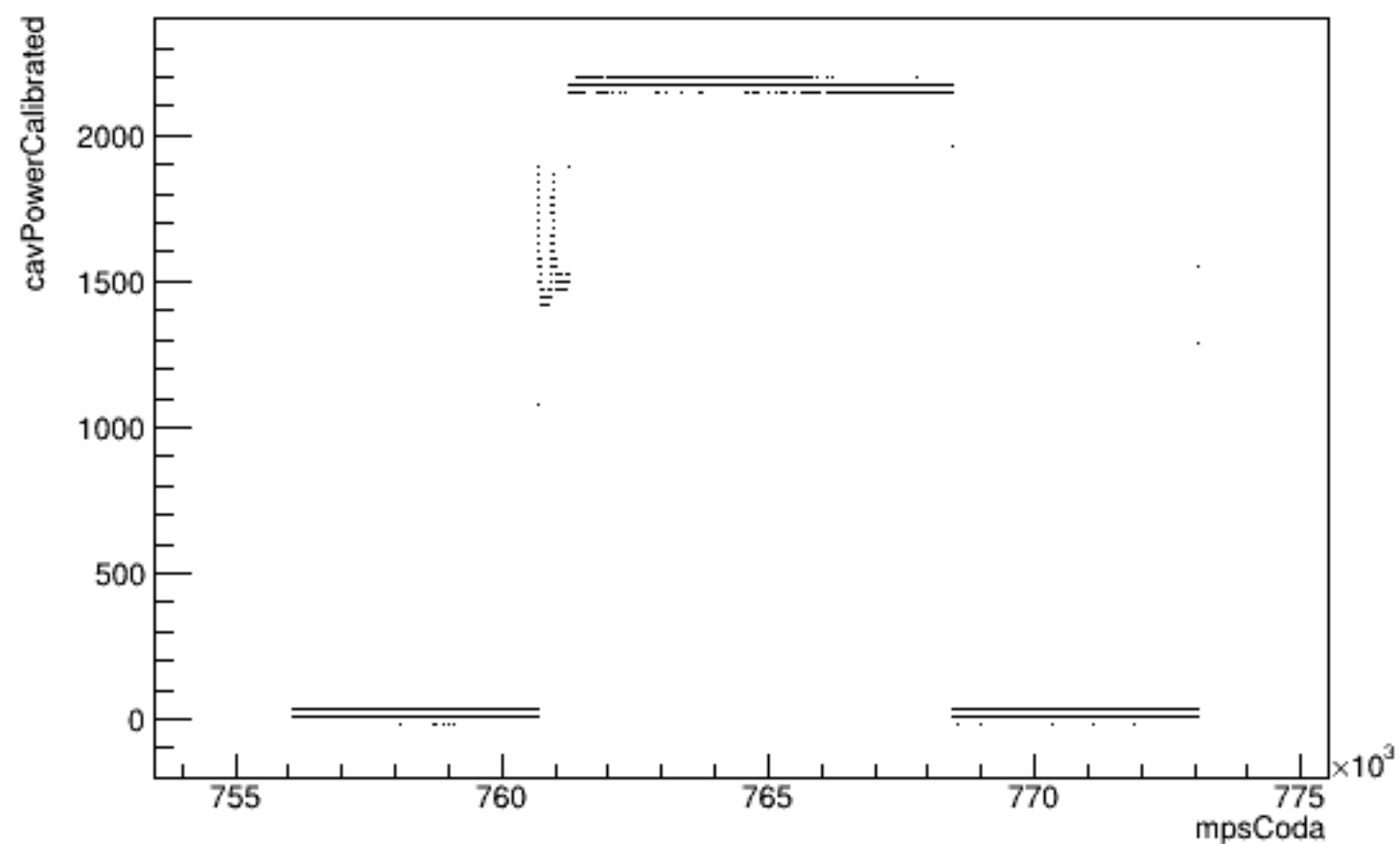
laserState:mpsCoda {mpsCoda>=756088 && mpsCoda<=773059}



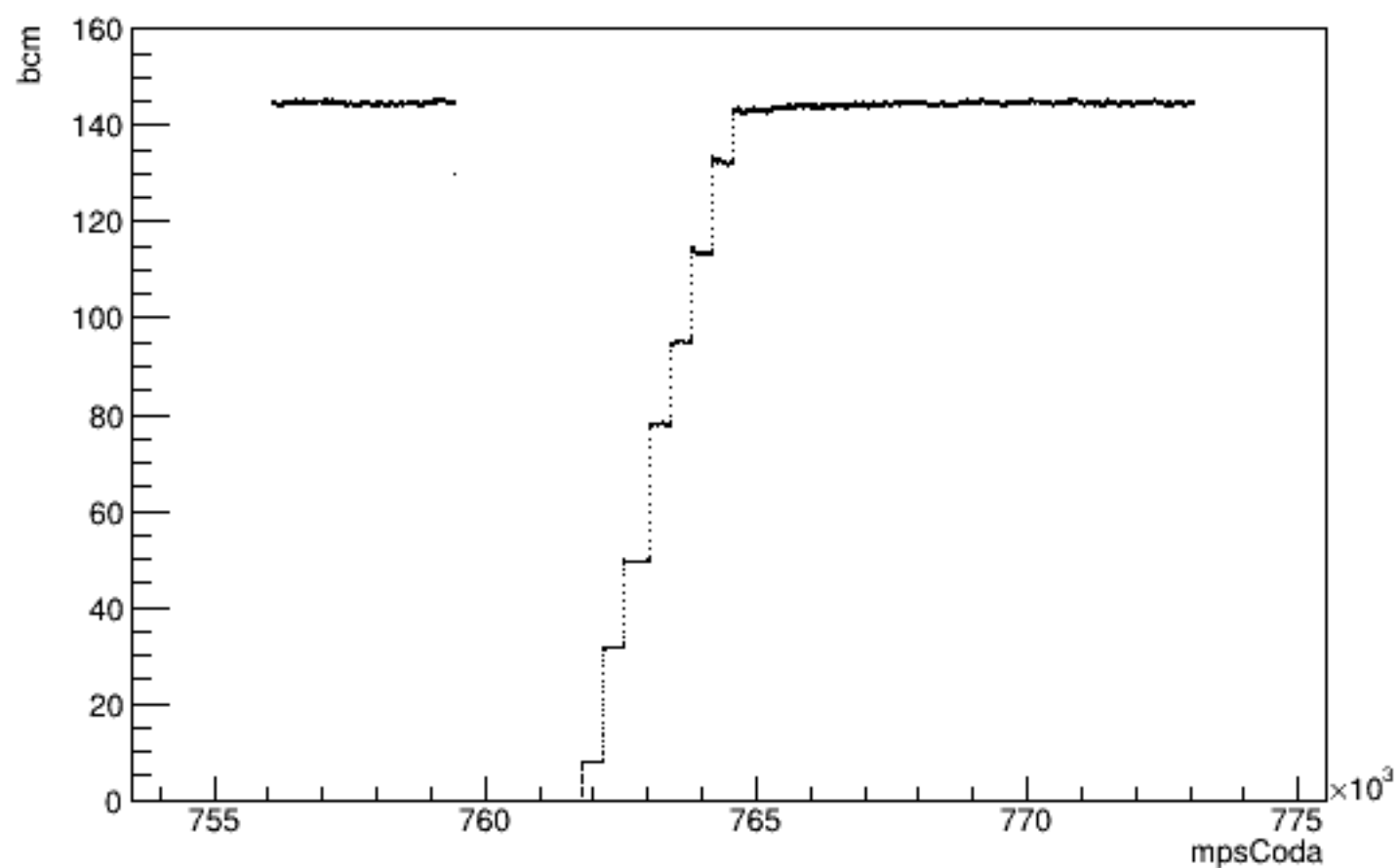
beamState + 1:mpsCoda {mpsCoda>=756088 && mpsCoda<=773059}



cavPowerCalibrated:mpsCoda {mpsCoda>=756088 && mpsCoda<=773059}



bcm:mpsCoda {mpsCoda>=756088 && mpsCoda<=773059}



Cycle 29, Diffs

Entries: 1147

Mean: -0.0076 +/- 0.0123

Std Dev: 0.4167 +/- 0.0087

Entries: 1946

Mean: -0.8047 +/- 0.0124

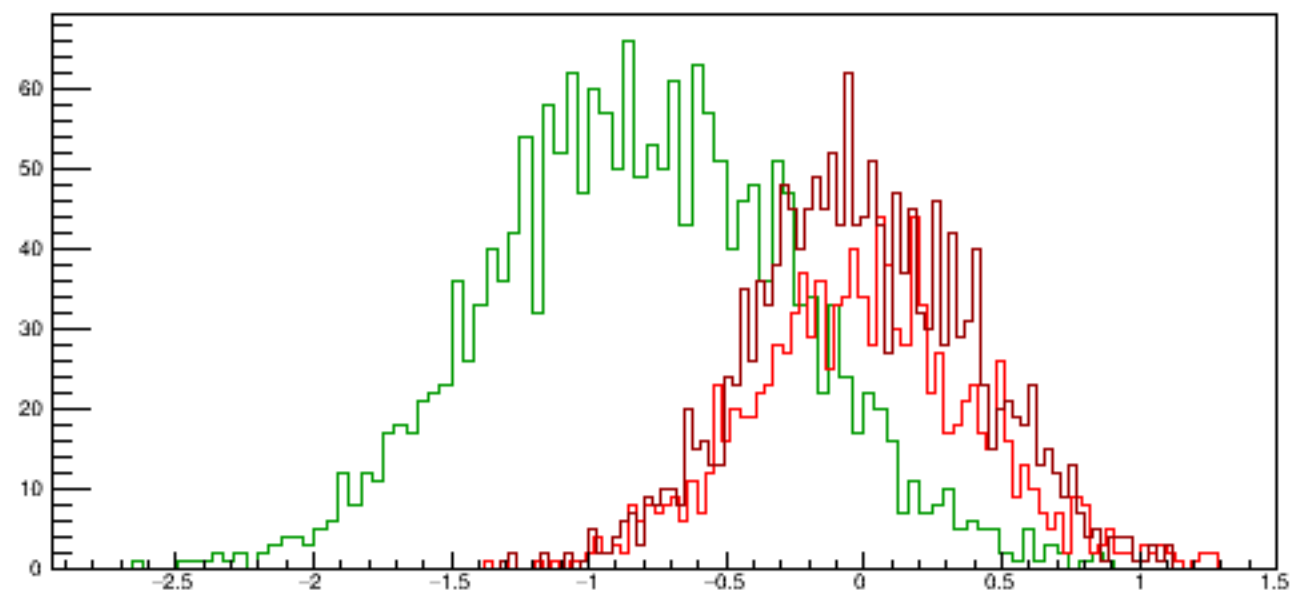
Std Dev: 0.5484 +/- 0.0088

Entries: 1657

Mean: -0.0060 +/- 0.0098

Std Dev: 0.3990 +/- 0.0069

Run 5888 quartetwise, Diffs



Cycle 29, Sums

Entries: 1147

Mean: 6.9436 +/- 0.0126

Std Dev: 0.4257 +/- 0.0089

Entries: 1946

Mean: 32.2401 +/- 0.0597

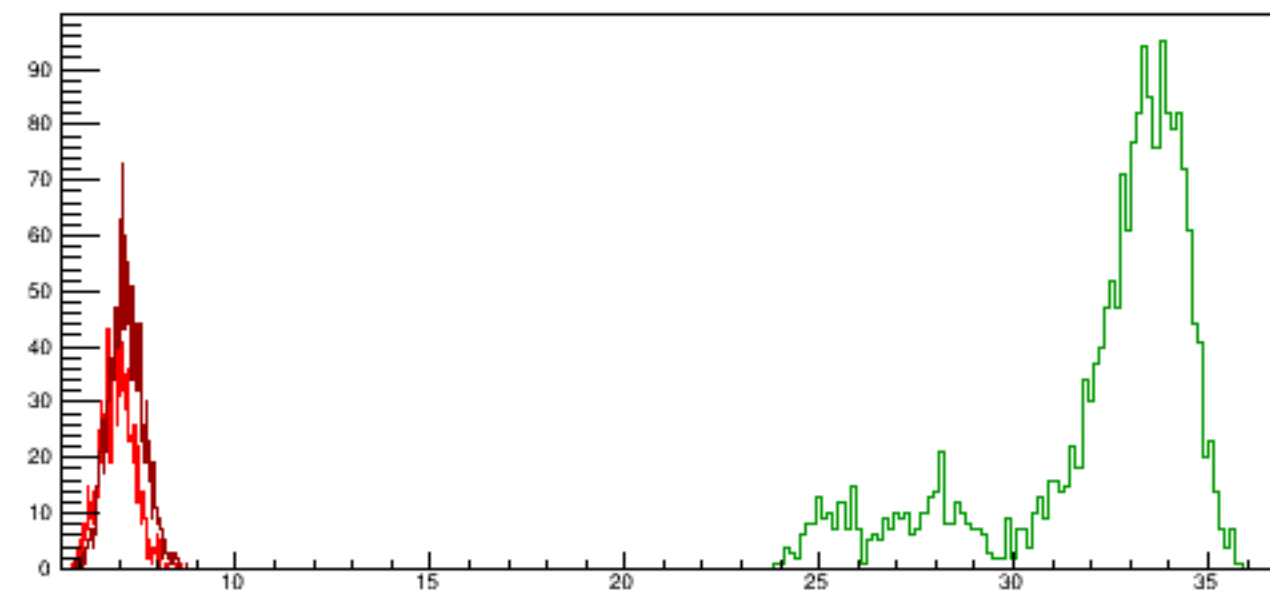
Std Dev: 2.6323 +/- 0.0422

Entries: 1657

Mean: 7.1710 +/- 0.0108

Std Dev: 0.4385 +/- 0.0076

Run 5888 quartetwise, Sums



Cycle 29, Asyms

Entries: 1147

Mean: -0.0003 +/- 0.0005

Std Dev: 0.0165 +/- 0.0003

Entries: 1946

Mean: -0.0319 +/- 0.0005

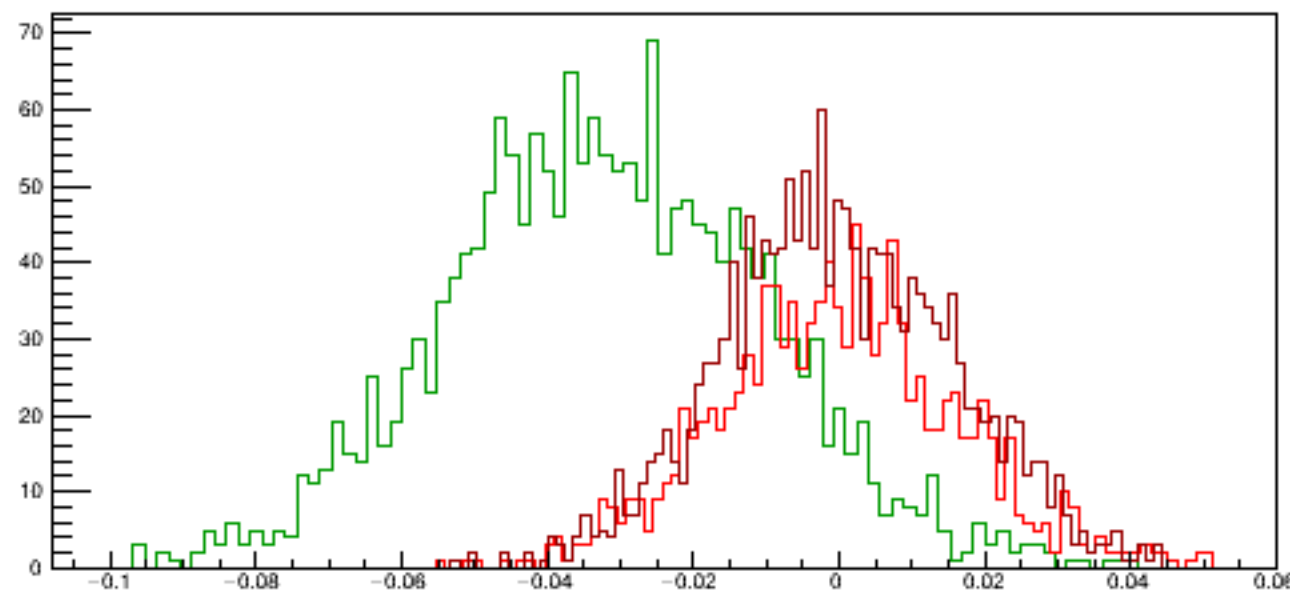
Std Dev: 0.0218 +/- 0.0003

Entries: 1657

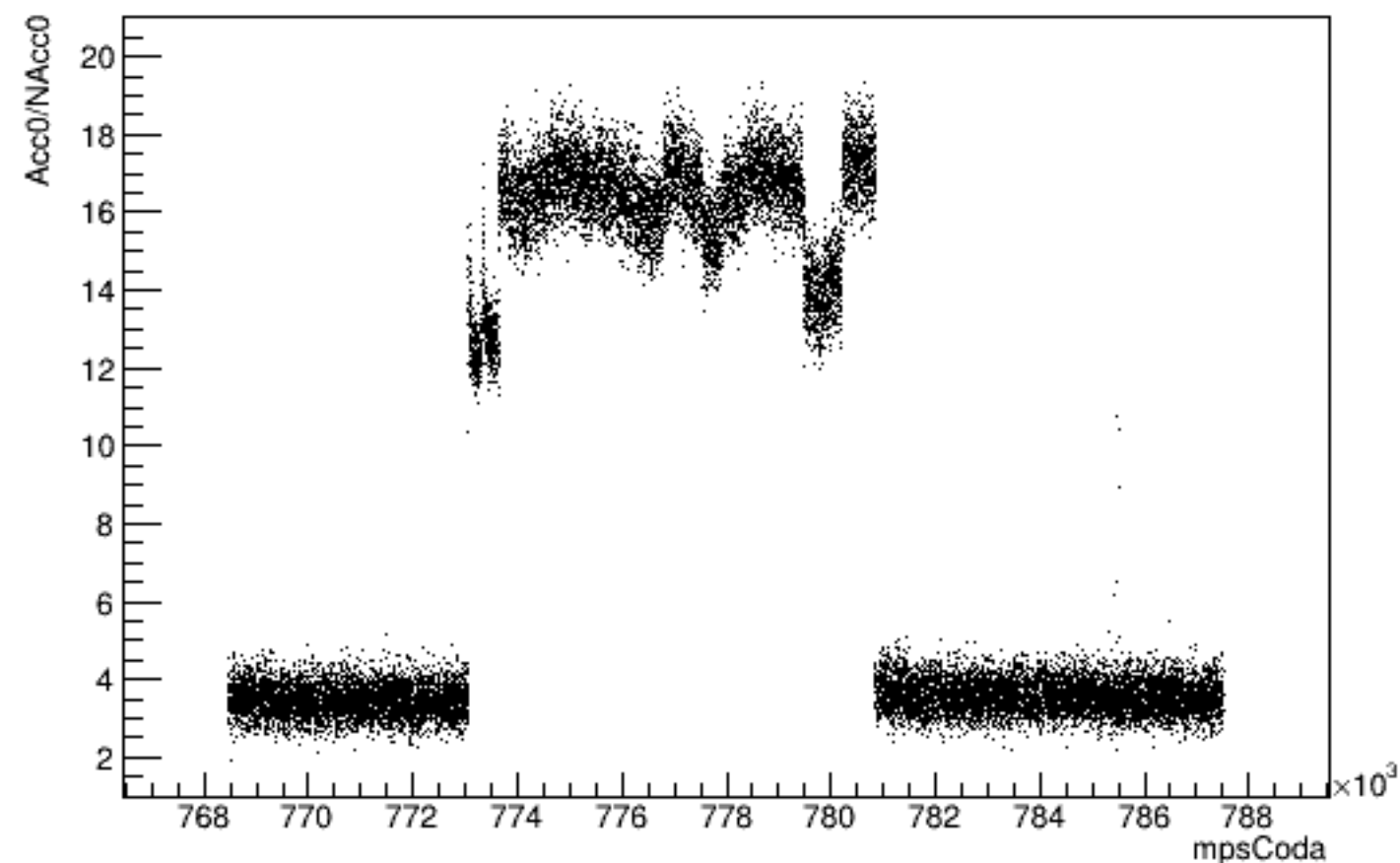
Mean: -0.0002 +/- 0.0004

Std Dev: 0.0158 +/- 0.0003

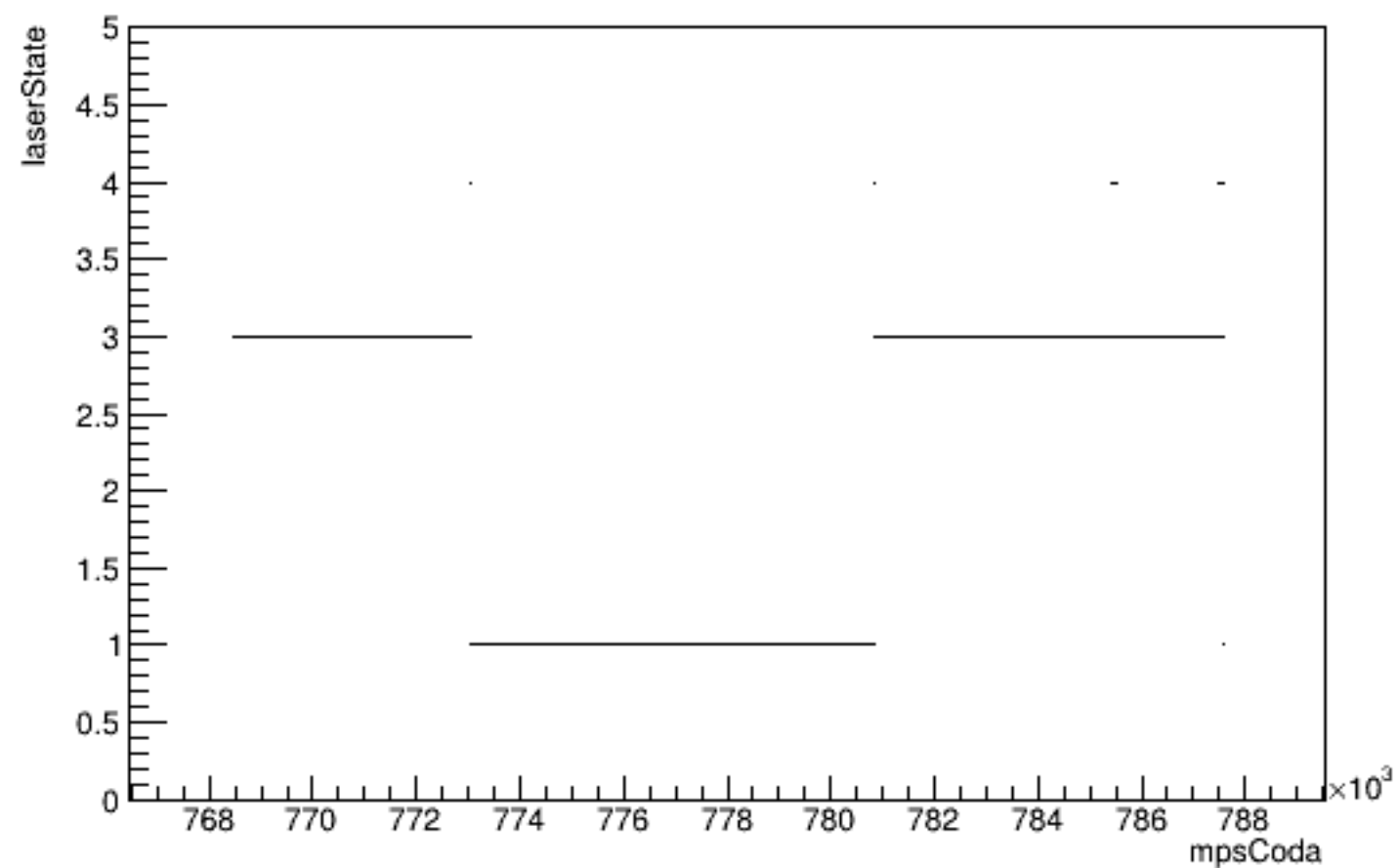
Run 5888 quartetwise, Asyms



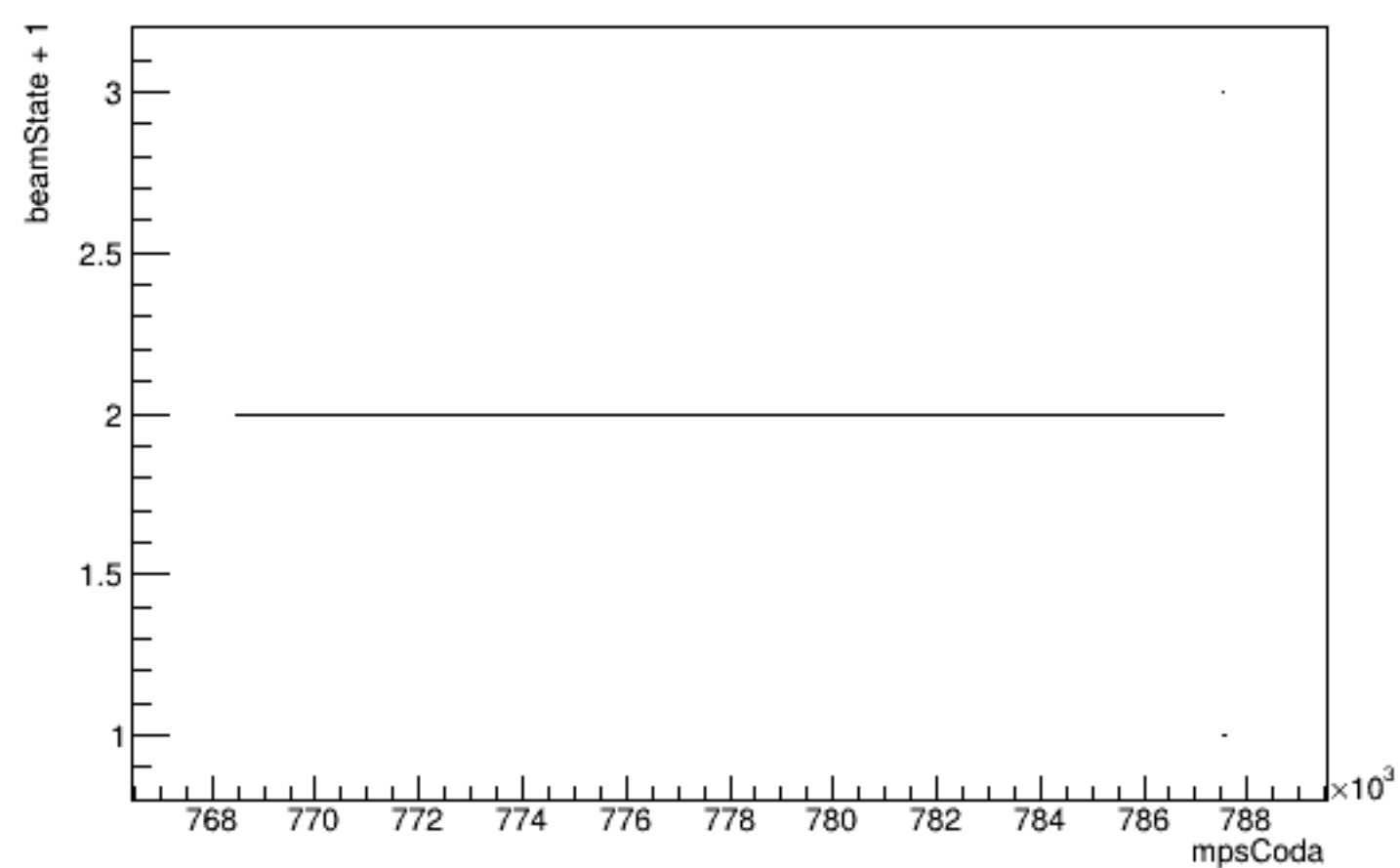
Acc0/NAcc0:mpsCoda (mpsCoda>=768468 && mpsCoda<=787575 && beamState==1)



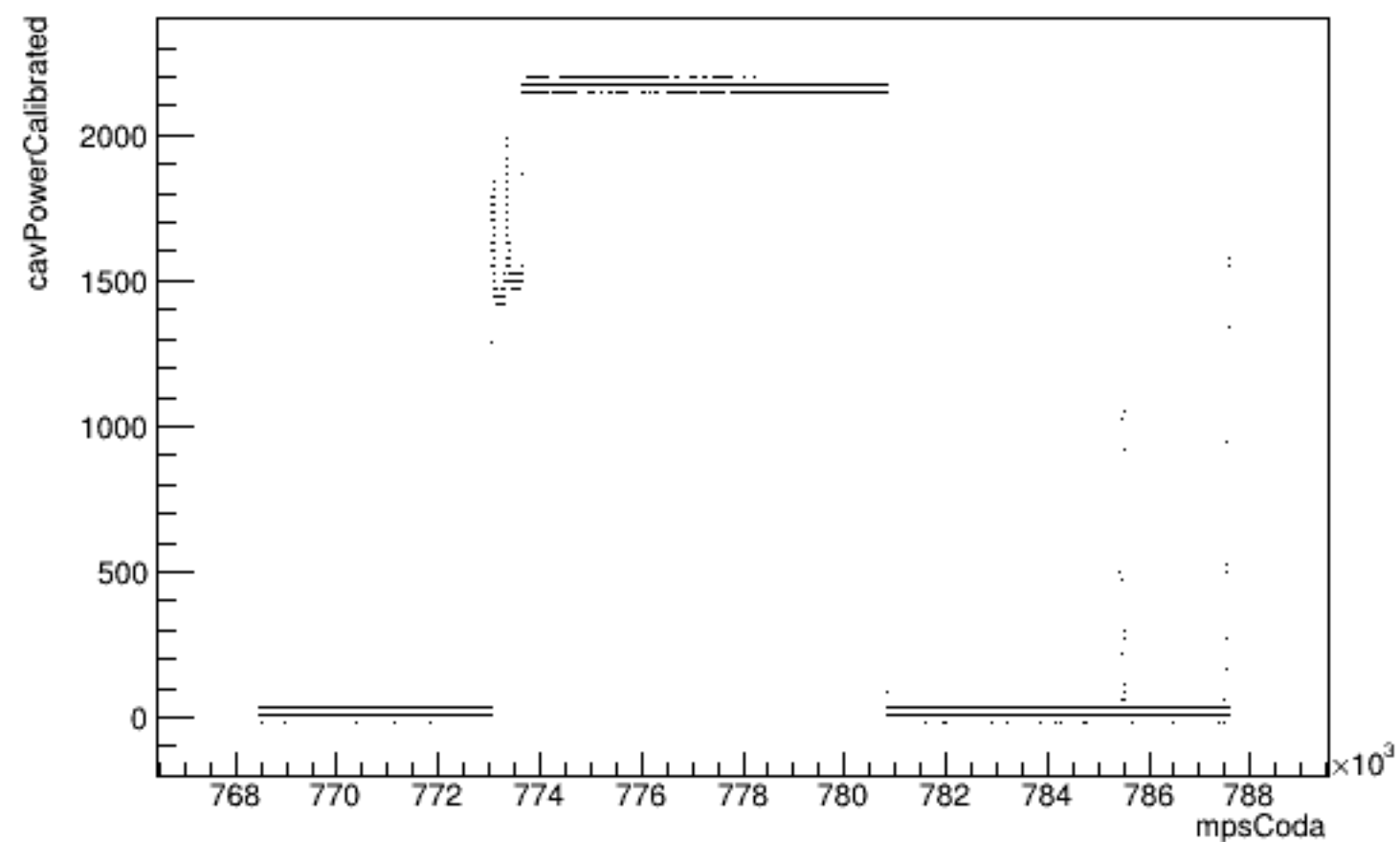
laserState:mpsCoda {mpsCoda>=768468 && mpsCoda<=787575}



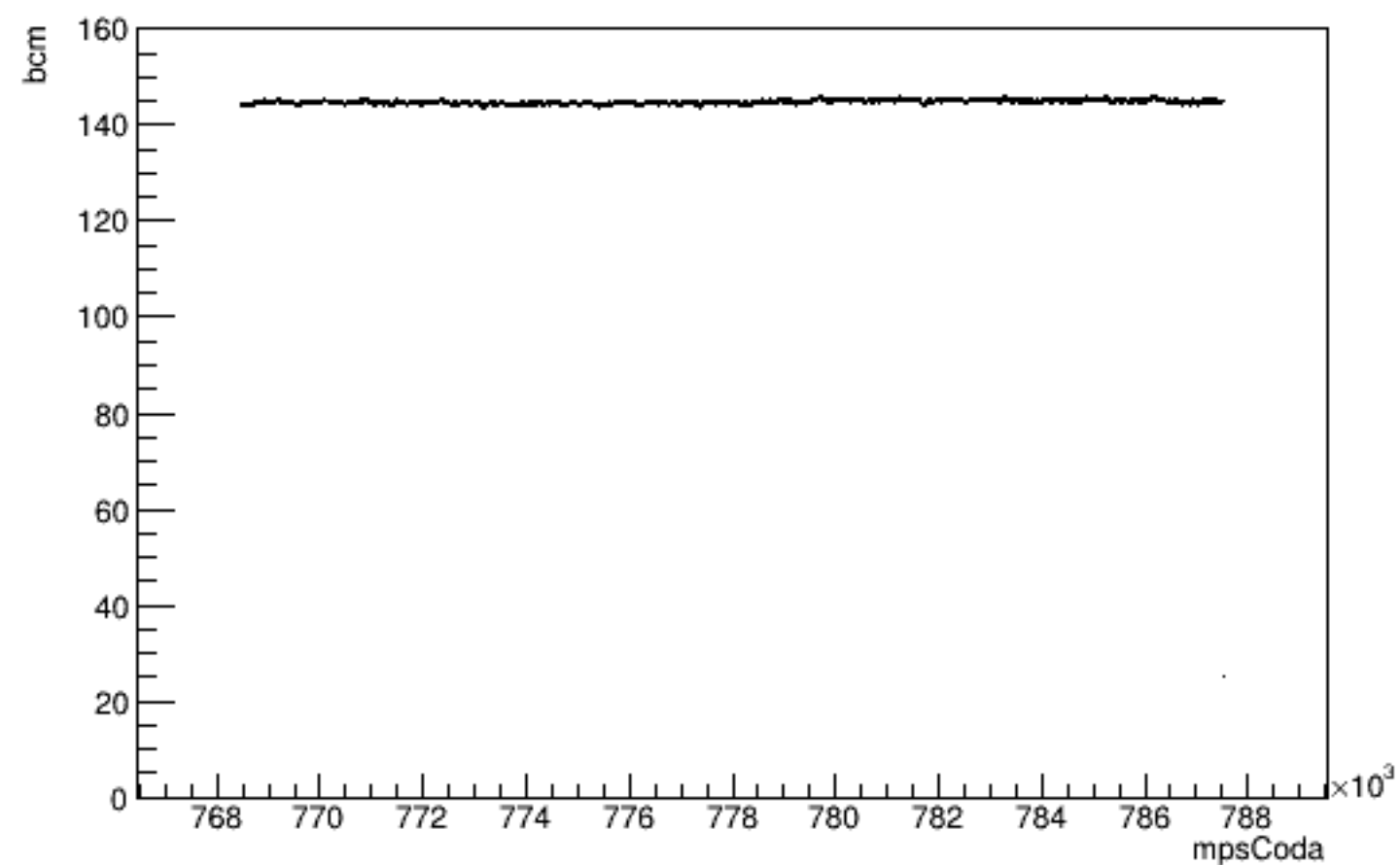
beamState + 1:mpsCoda {mpsCoda>=768468 && mpsCoda<=787575}



cavPowerCalibrated:mpsCoda {mpsCoda>=768468 && mpsCoda<=787575}



bcm:mpsCoda {mpsCoda>=768468 && mpsCoda<=787575}



Cycle 30, Diffs

Entries: 1676

Mean: 0.0088 +/- 0.0099

Std Dev: 0.4060 +/- 0.0070

Entries: 2010

Mean: -0.7959 +/- 0.0126

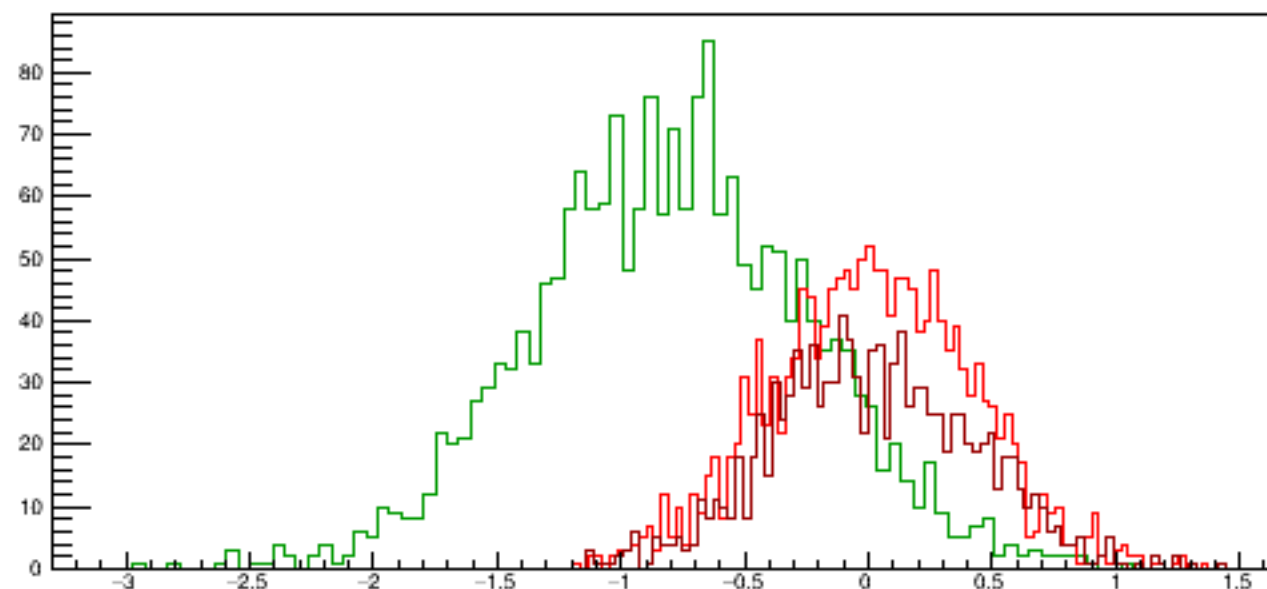
Std Dev: 0.5645 +/- 0.0089

Entries: 1160

Mean: 0.0155 +/- 0.0121

Std Dev: 0.4112 +/- 0.0085

Run 5888 quartetwise, Diffs



Cycle 30, Sums

Entries: 1676

Mean: 6.8731 +/- 0.0103

Std Dev: 0.4225 +/- 0.0073

Entries: 2010

Mean: 32.2924 +/- 0.0524

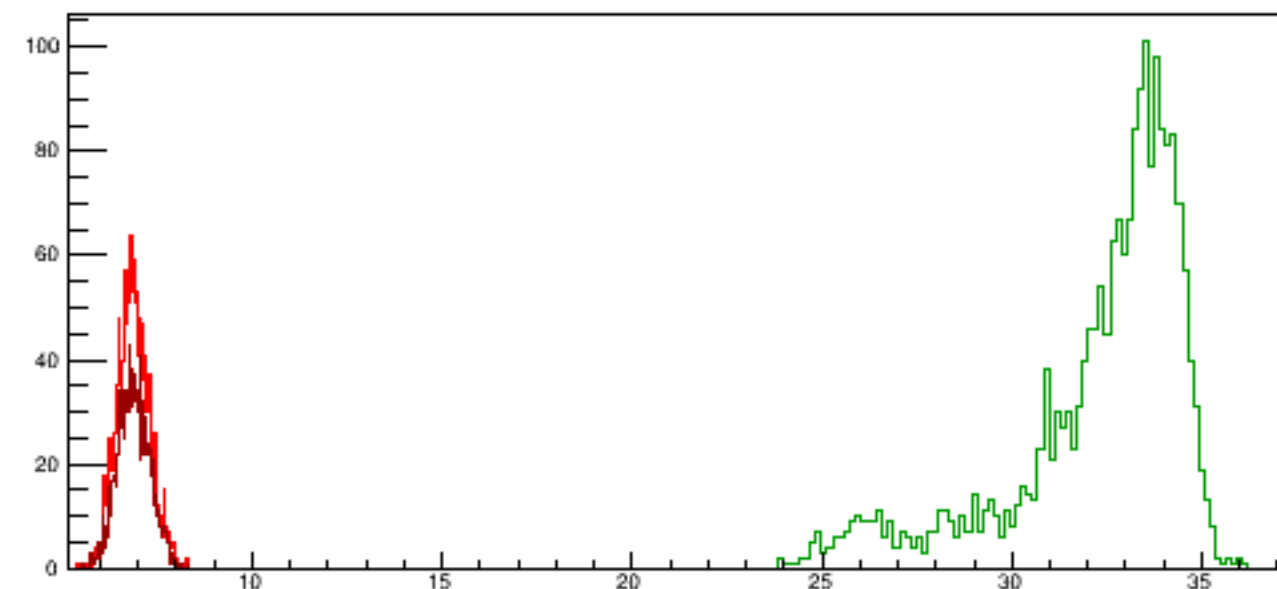
Std Dev: 2.3504 +/- 0.0371

Entries: 1160

Mean: 6.8711 +/- 0.0124

Std Dev: 0.4229 +/- 0.0088

Run 5888 quartetwise, Sums



Cycle 30, Asyms

Entries: 1676

Mean: 0.0003 +/- 0.0004

Std Dev: 0.0160 +/- 0.0003

Entries: 2010

Mean: -0.0312 +/- 0.0005

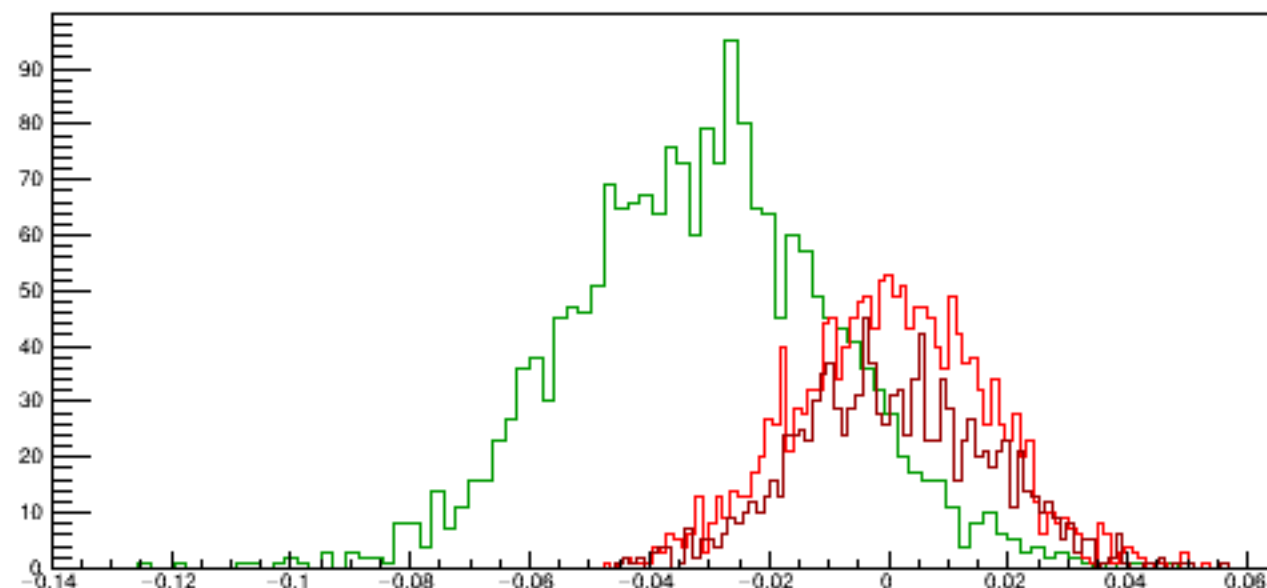
Std Dev: 0.0222 +/- 0.0004

Entries: 1160

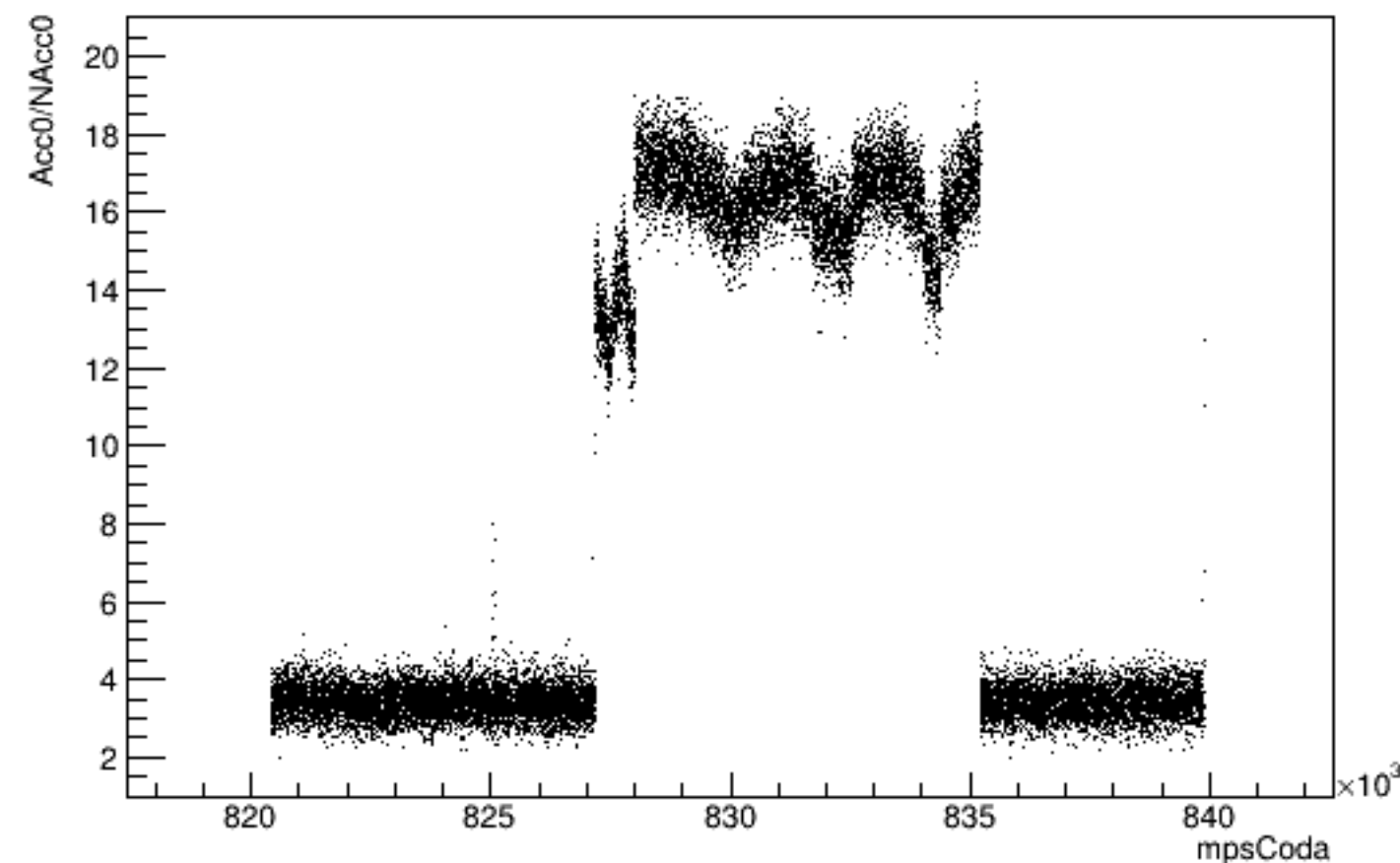
Mean: 0.0006 +/- 0.0005

Std Dev: 0.0162 +/- 0.0003

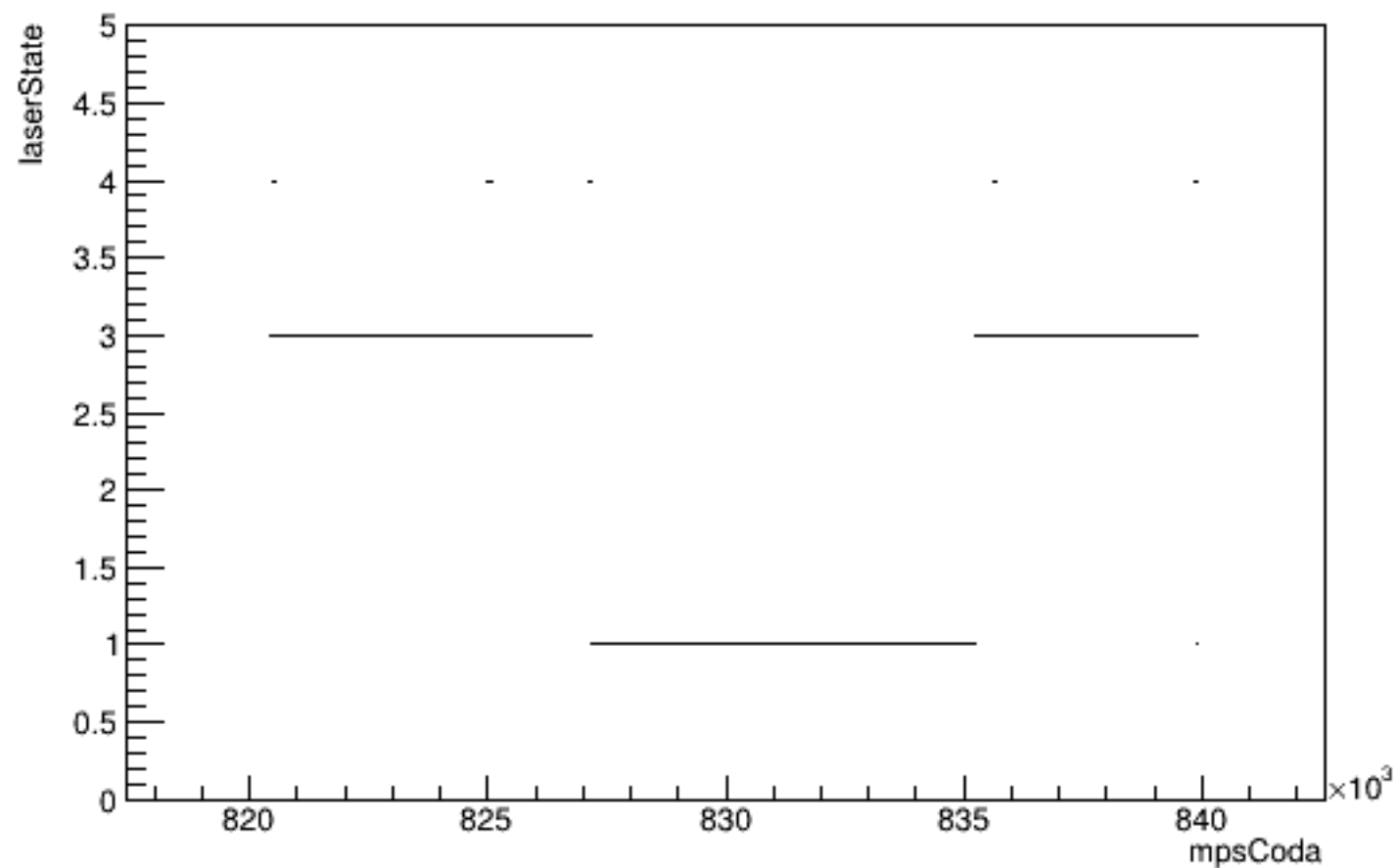
Run 5888 quartetwise, Asyms



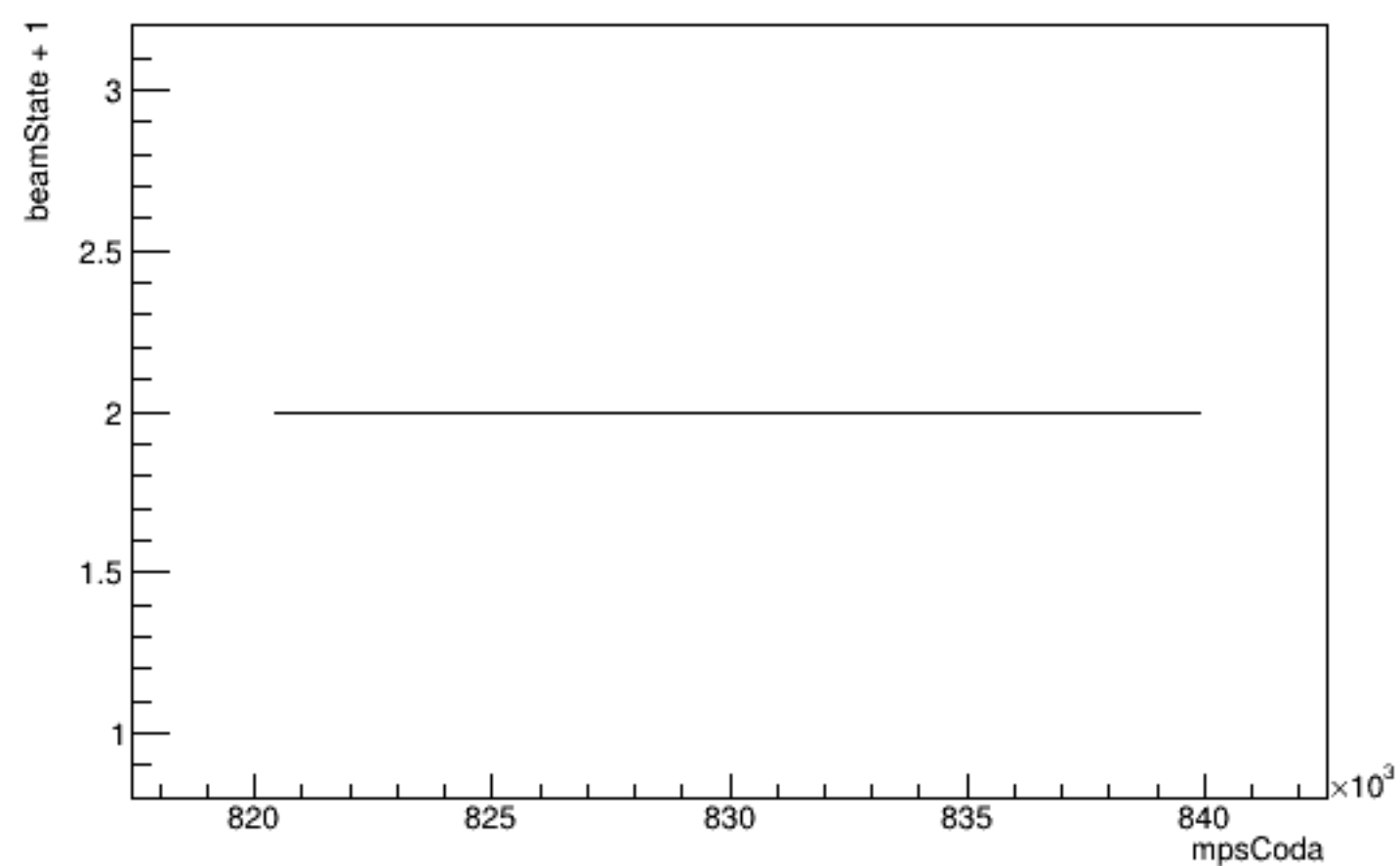
Acc0/NAcc0:mpsCoda (mpsCoda>=820412 && mpsCoda<=839887 && beamState==1)



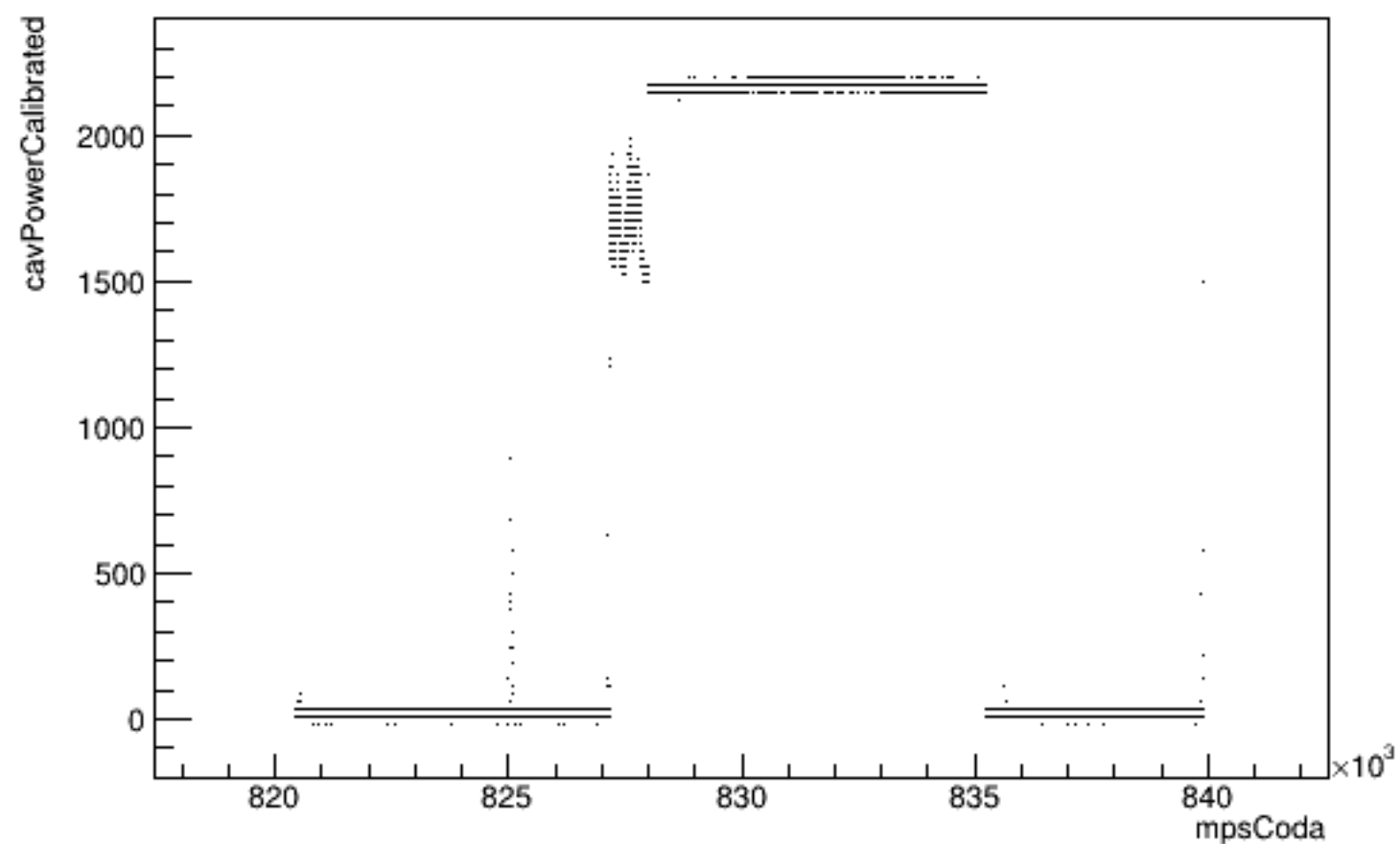
laserState:mpsCoda {mpsCoda>=820412 && mpsCoda<=839887}



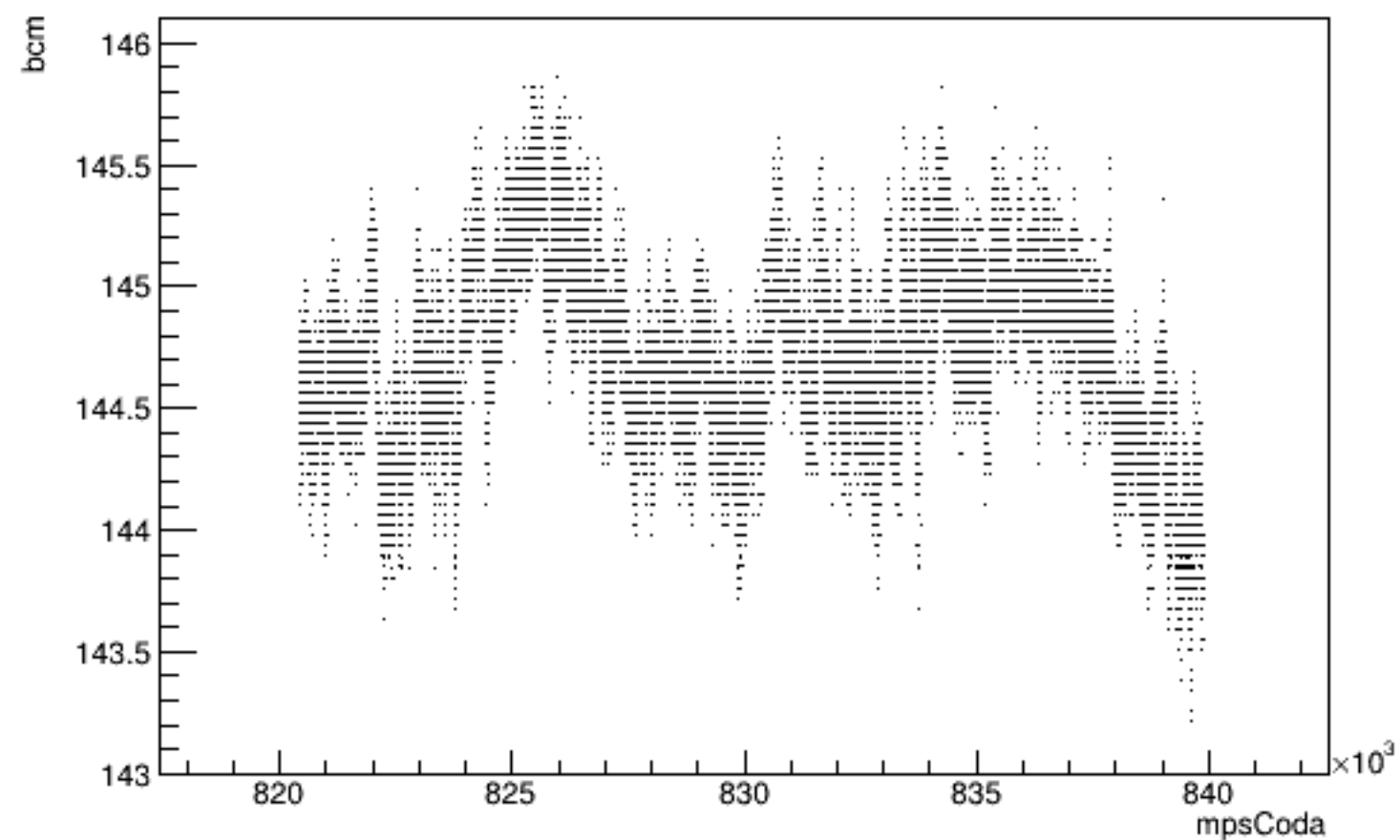
beamState + 1:mpsCoda {mpsCoda>=820412 && mpsCoda<=839887}



cavPowerCalibrated:mpsCoda {mpsCoda>=820412 && mpsCoda<=839887}



bcm:mpsCoda {mpsCoda>=820412 && mpsCoda<=839887}



Cycle 31, Diffs

Entries: 1160

Mean: 0.0155 +/- 0.0121

Std Dev: 0.4112 +/- 0.0085

Entries: 469

Mean: -0.7332 +/- 0.0250

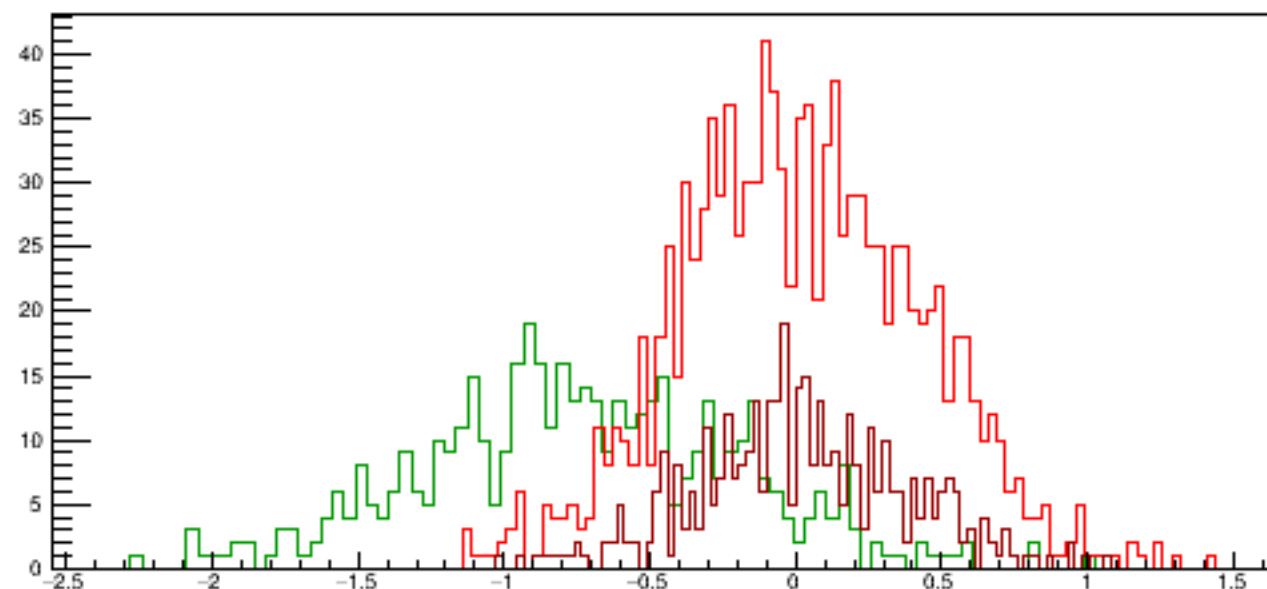
Std Dev: 0.5412 +/- 0.0177

Entries: 390

Mean: 0.0192 +/- 0.0182

Std Dev: 0.3598 +/- 0.0129

Run 5888 quartetwise, Diffs



Cycle 31, Sums

Entries: 1160

Mean: 6.8711 +/- 0.0124

Std Dev: 0.4229 +/- 0.0088

Entries: 469

Mean: 29.9861 +/- 0.2278

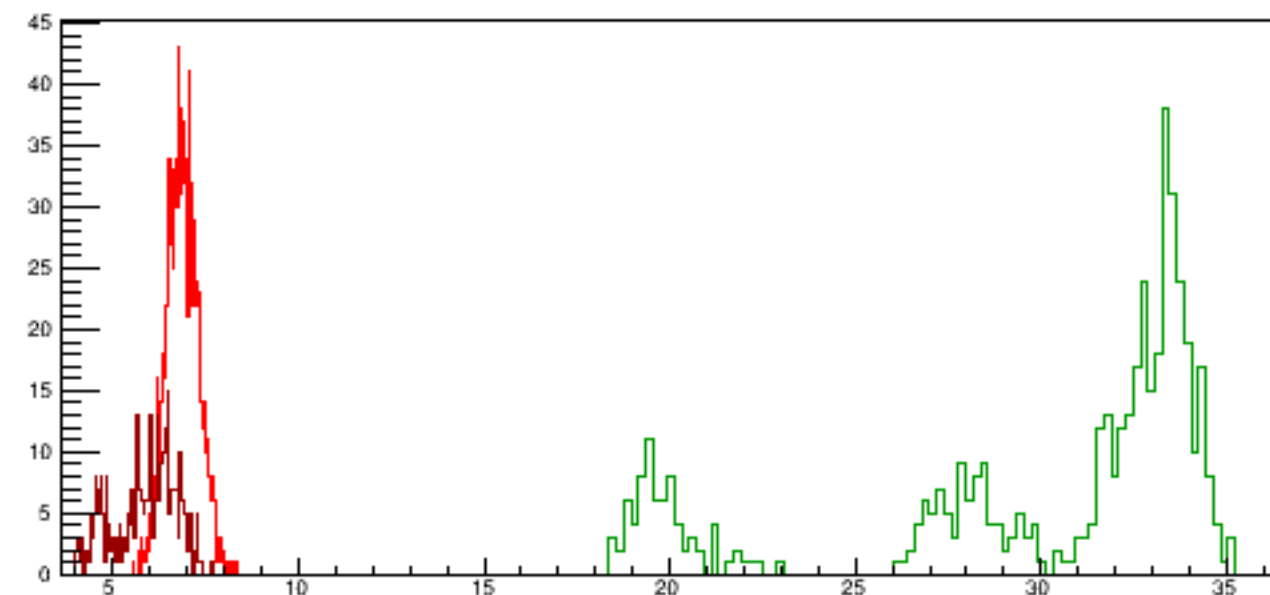
Std Dev: 4.9344 +/- 0.1611

Entries: 390

Mean: 5.8695 +/- 0.0430

Std Dev: 0.8492 +/- 0.0304

Run 5888 quartetwise, Sums



Cycle 31, Asyms

Entries: 1160

Mean: 0.0007 +/- 0.0005

Std Dev: 0.0174 +/- 0.0004

Entries: 469

Mean: -0.0312 +/- 0.0011

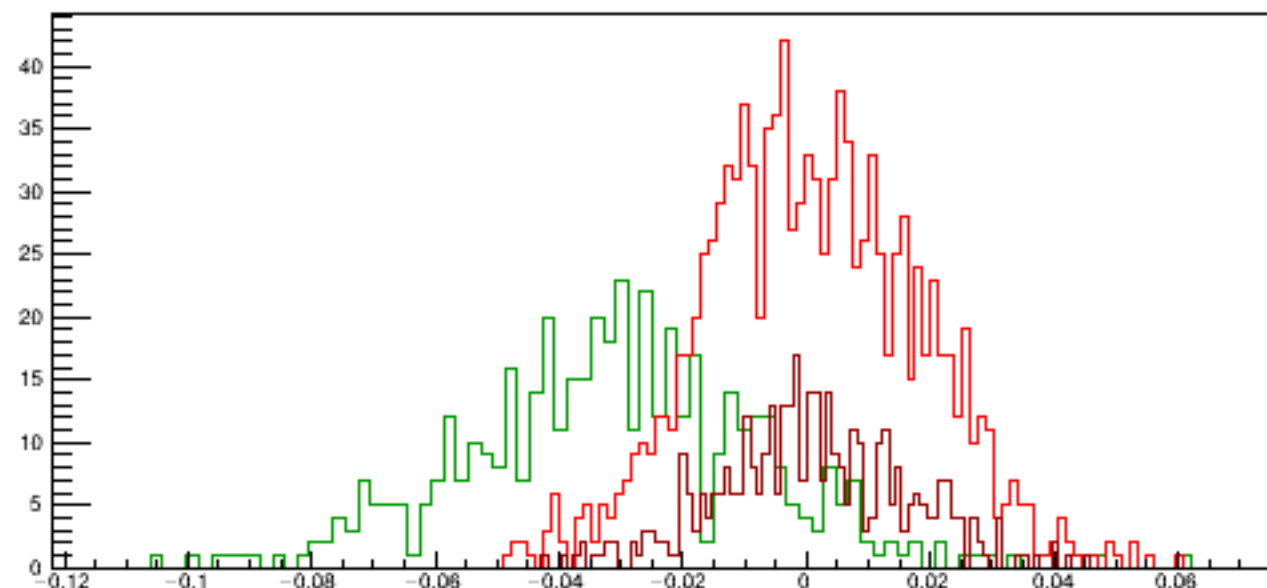
Std Dev: 0.0238 +/- 0.0008

Entries: 390

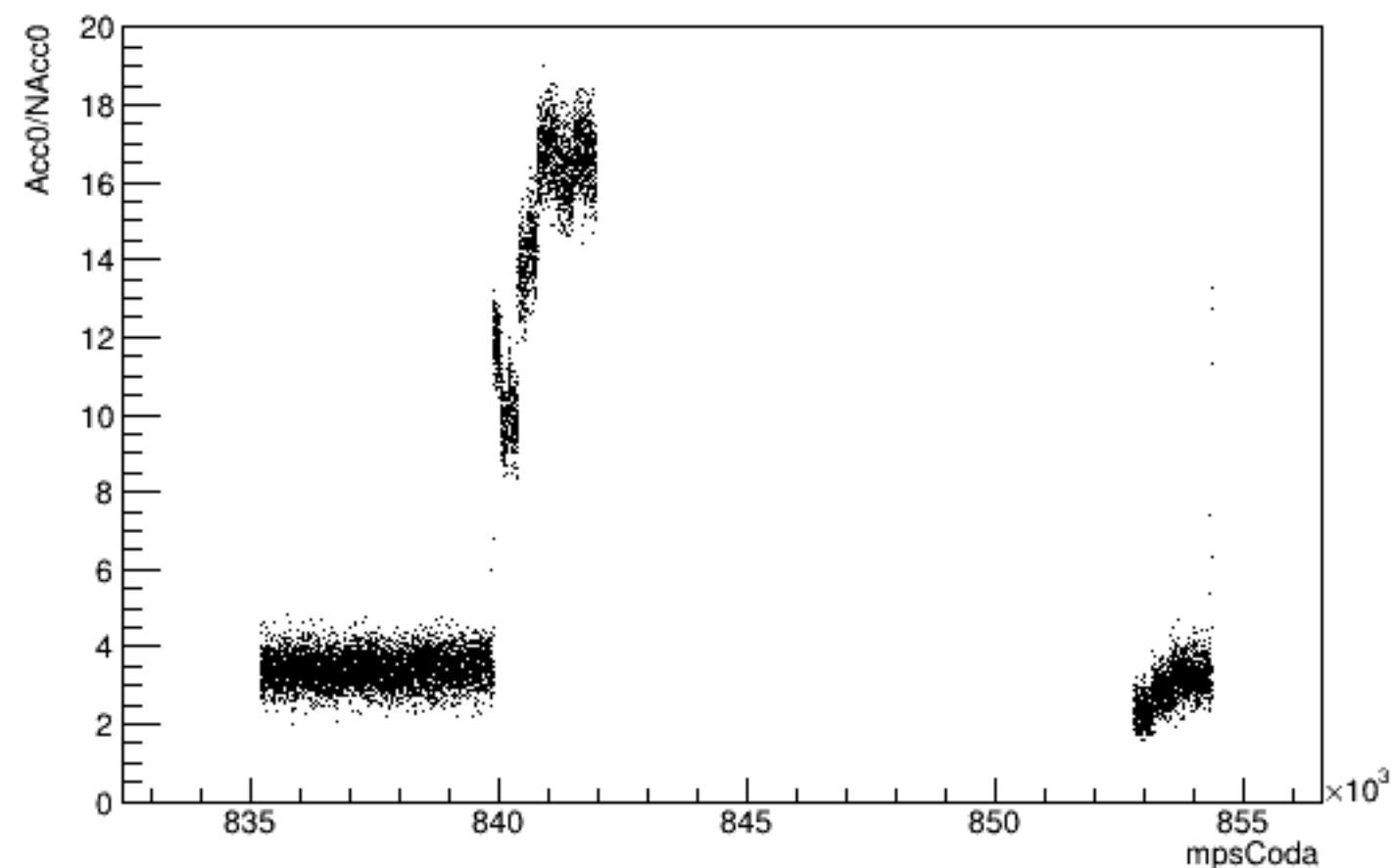
Mean: 0.0008 +/- 0.0008

Std Dev: 0.0152 +/- 0.0005

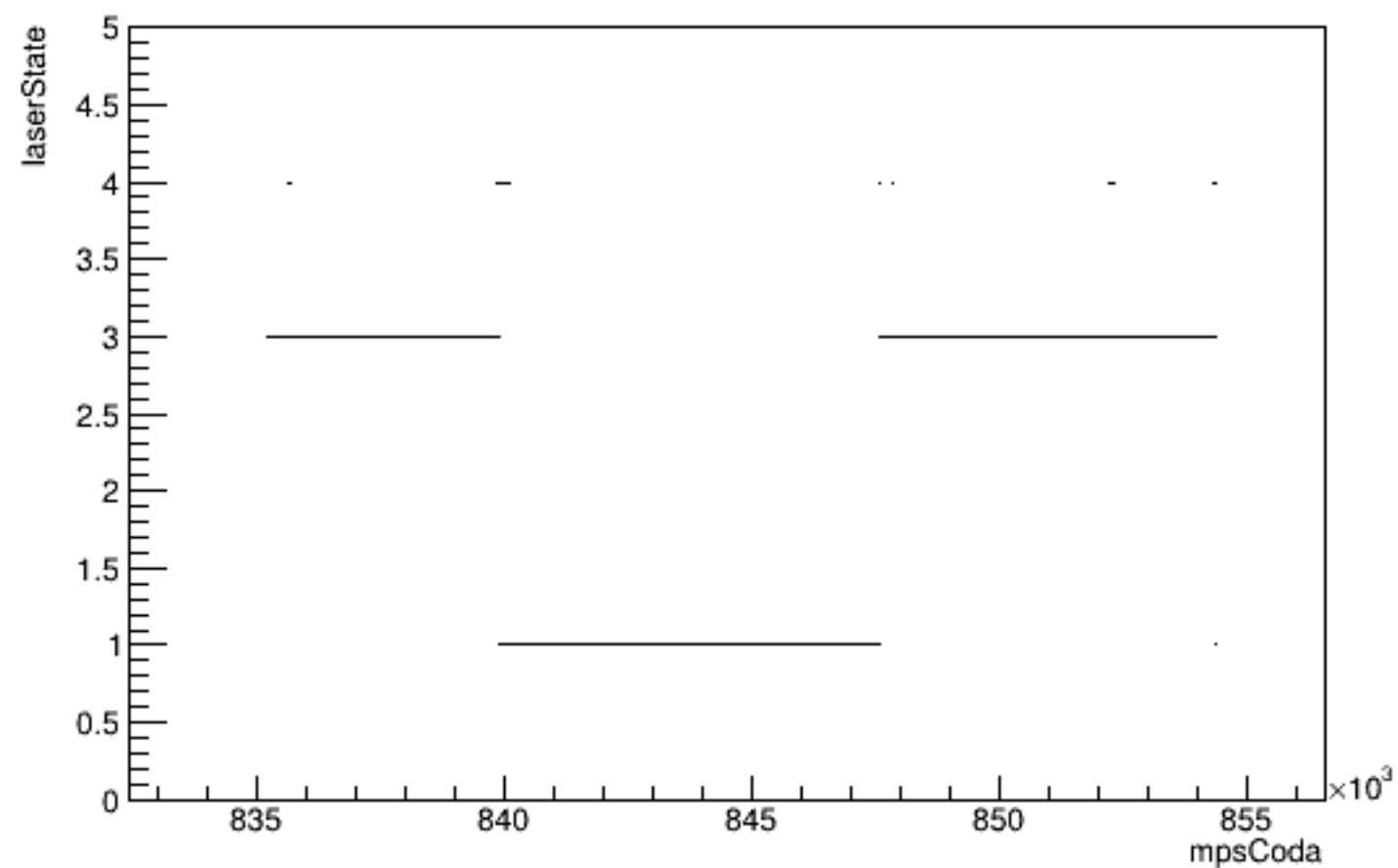
Run 5888 quartetwise, Asyms



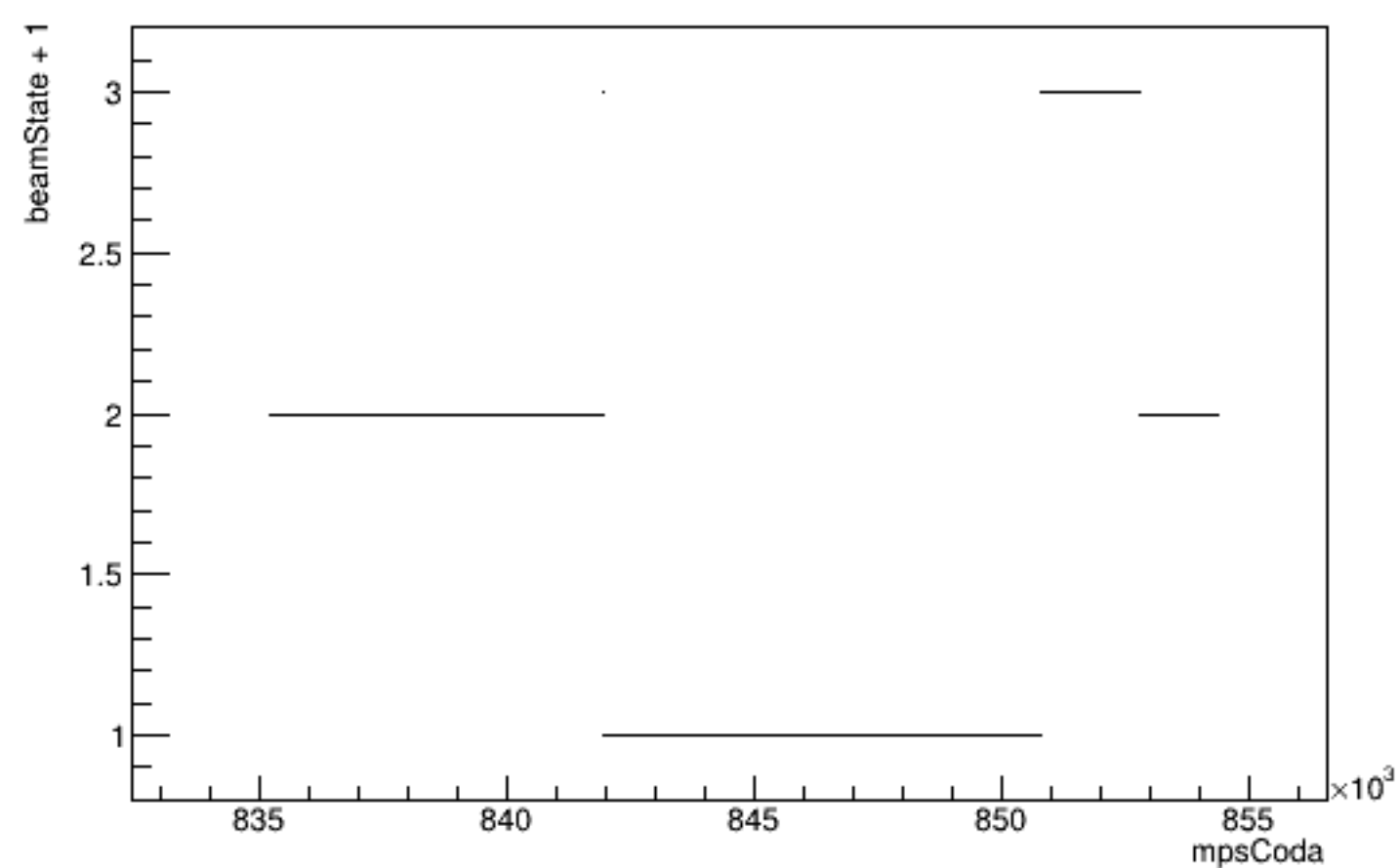
Acc0/NAcc0:mpsCoda (mpsCoda>=835220 && mpsCoda<=854351 && beamState==1)



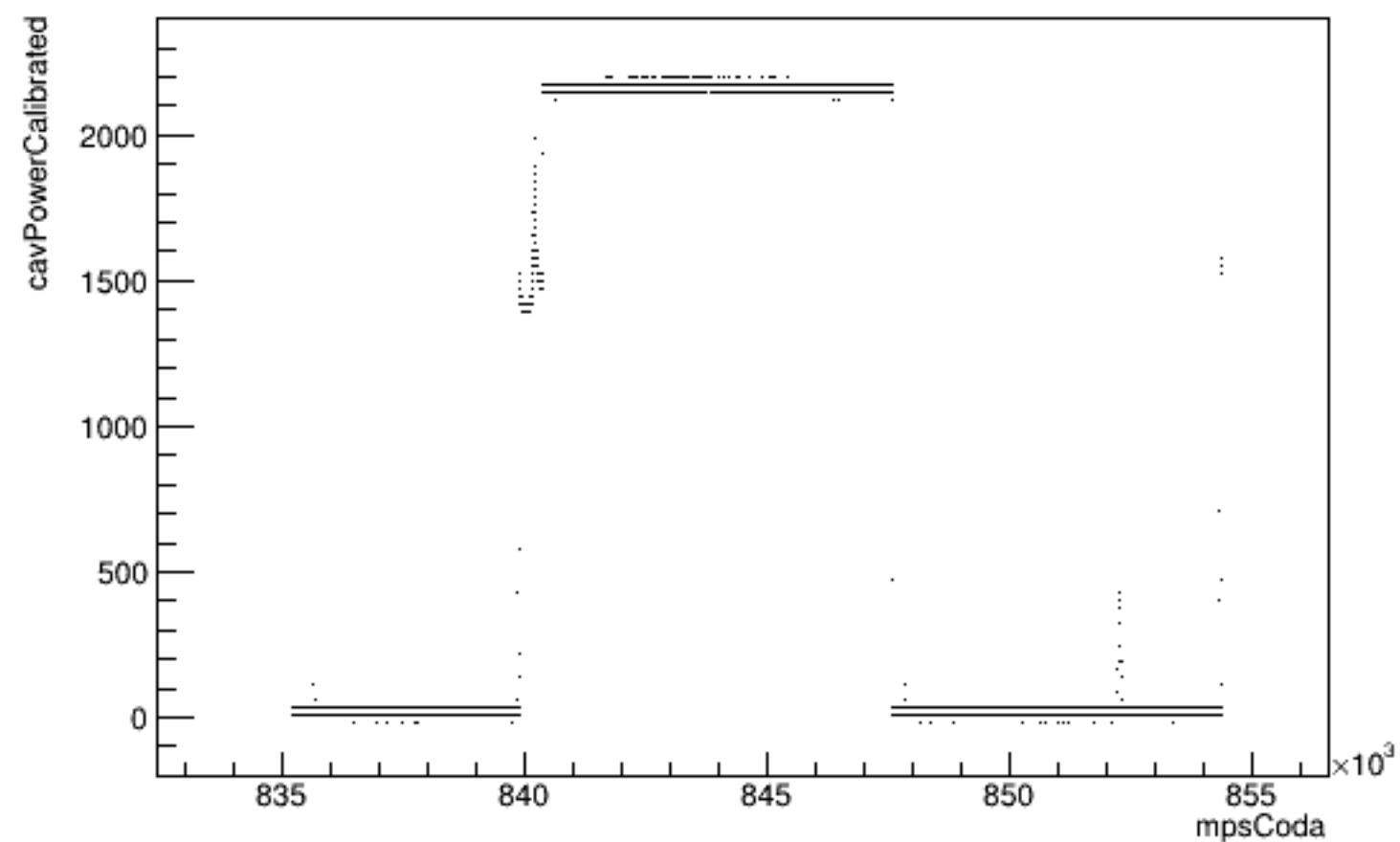
laserState:mpsCoda {mpsCoda>=835220 && mpsCoda<=854351}



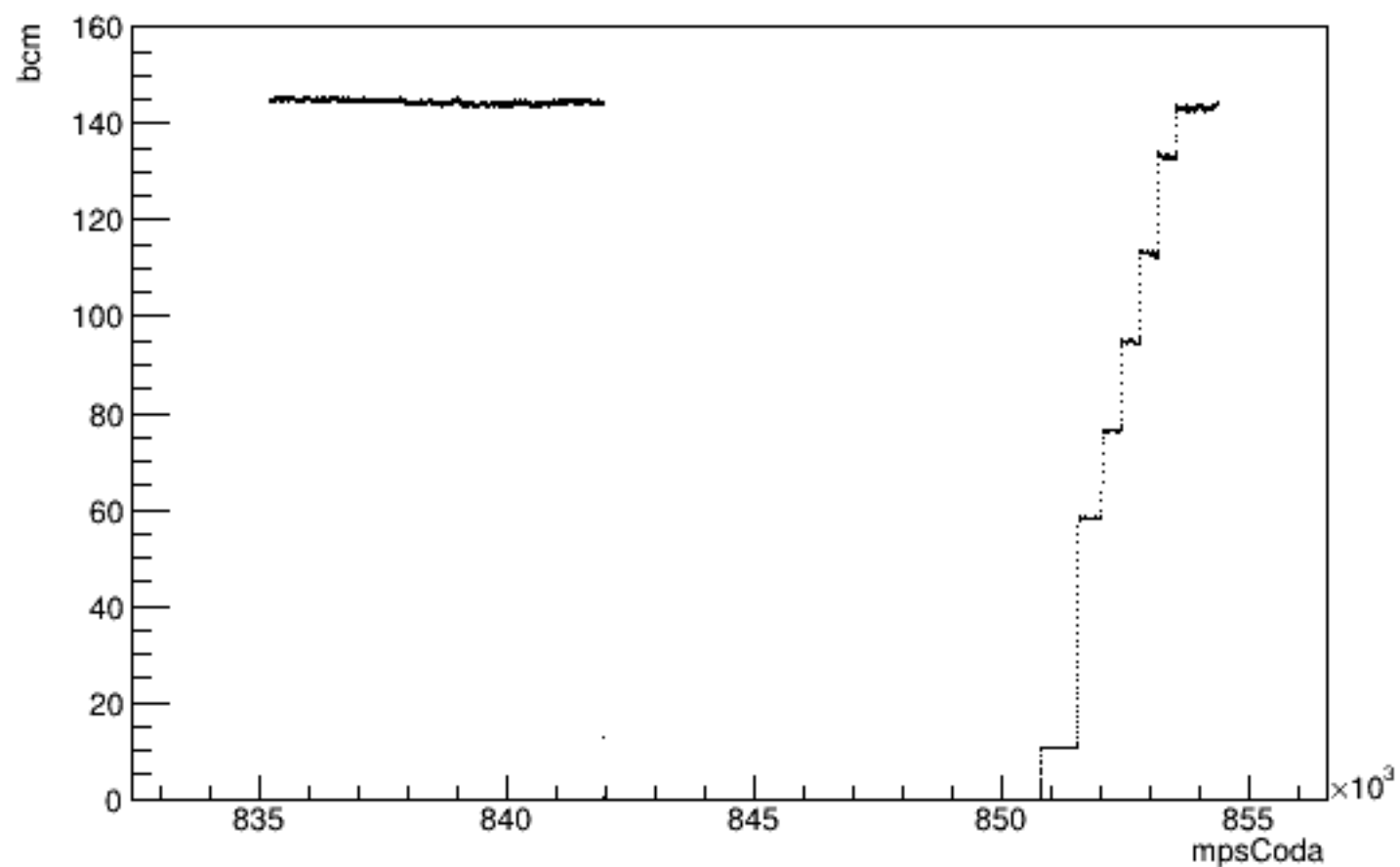
beamState + 1:mpsCoda {mpsCoda>=835220 && mpsCoda<=854351}



cavPowerCalibrated:mpsCoda {mpsCoda>=835220 && mpsCoda<=854351}



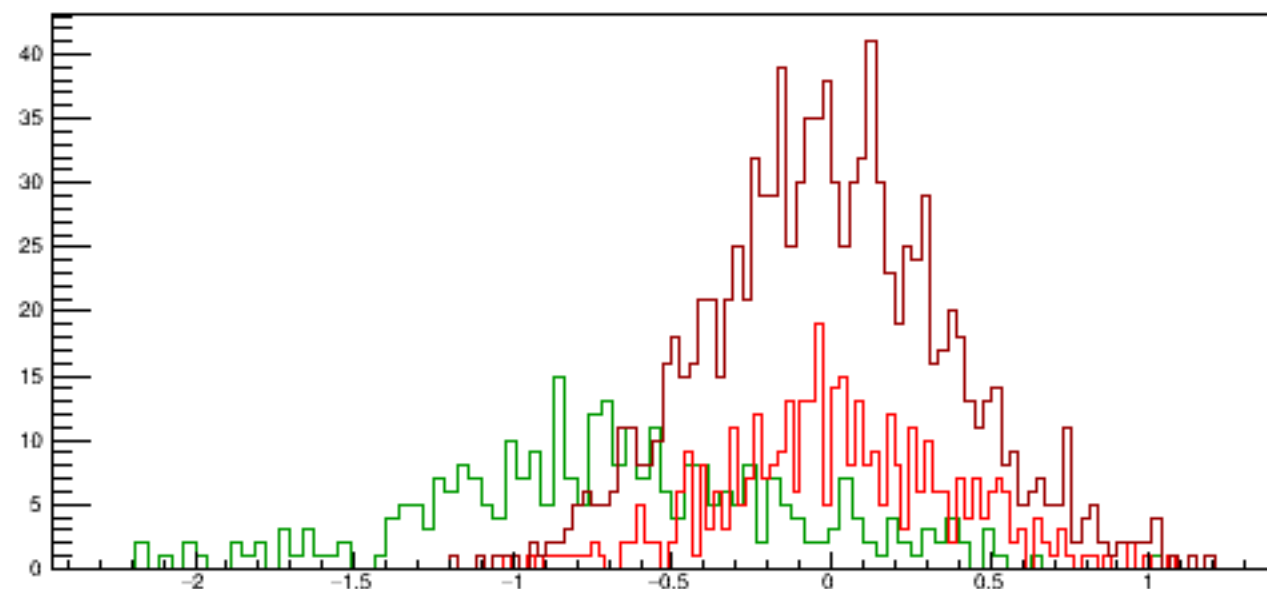
bcm:mpsCoda {mpsCoda>=835220 && mpsCoda<=854351}



Cycle 32, Diffs

Entries: 390	Entries: 310	Entries: 1086
Mean: 0.0192 +/- 0.0182	Mean: -0.6814 +/- 0.0317	Mean: -0.0114 +/- 0.0116
Std Dev: 0.3598 +/- 0.0129	Std Dev: 0.5577 +/- 0.0224	Std Dev: 0.3824 +/- 0.0082

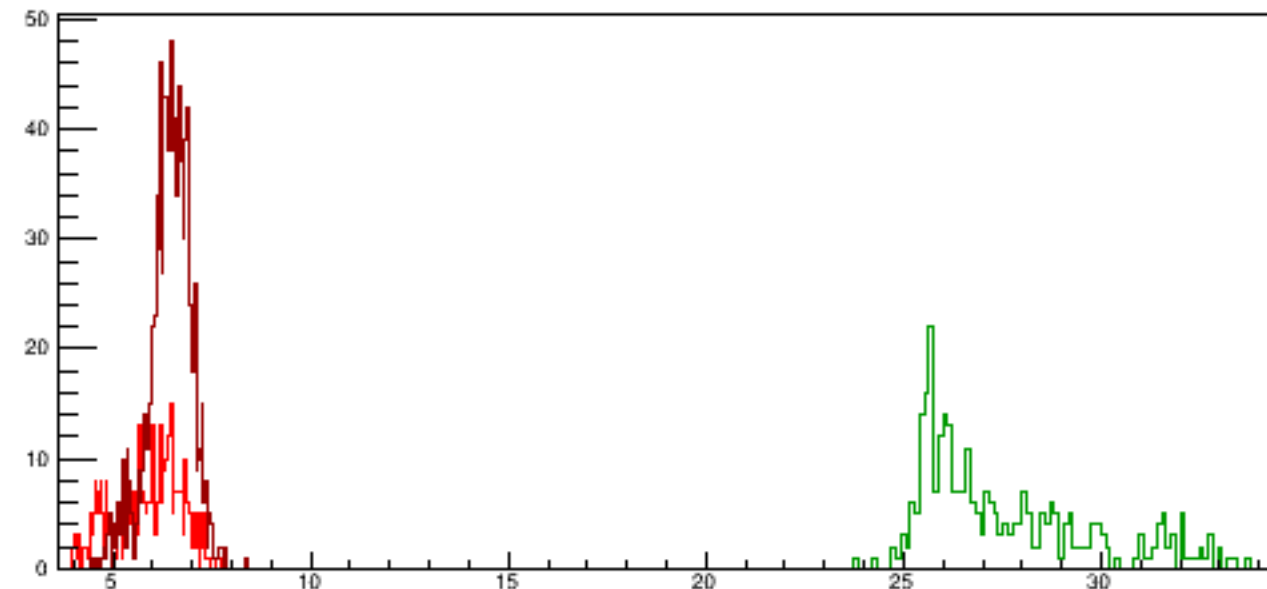
Run 5888 quartetwise, Diffs



Cycle 32, Sums

Entries: 390	Entries: 310	Entries: 1086
Mean: 5.8695 +/- 0.0430	Mean: 27.5768 +/- 0.1249	Mean: 6.4227 +/- 0.0164
Std Dev: 0.8492 +/- 0.0304	Std Dev: 2.1998 +/- 0.0883	Std Dev: 0.5408 +/- 0.0116

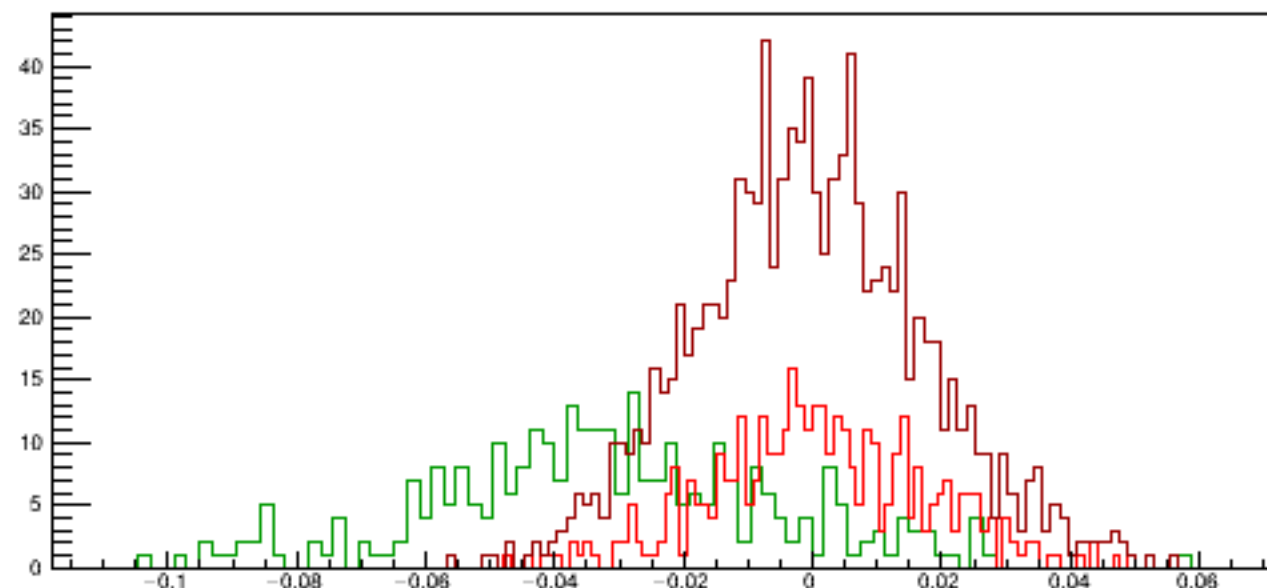
Run 5888 quartetwise, Sums



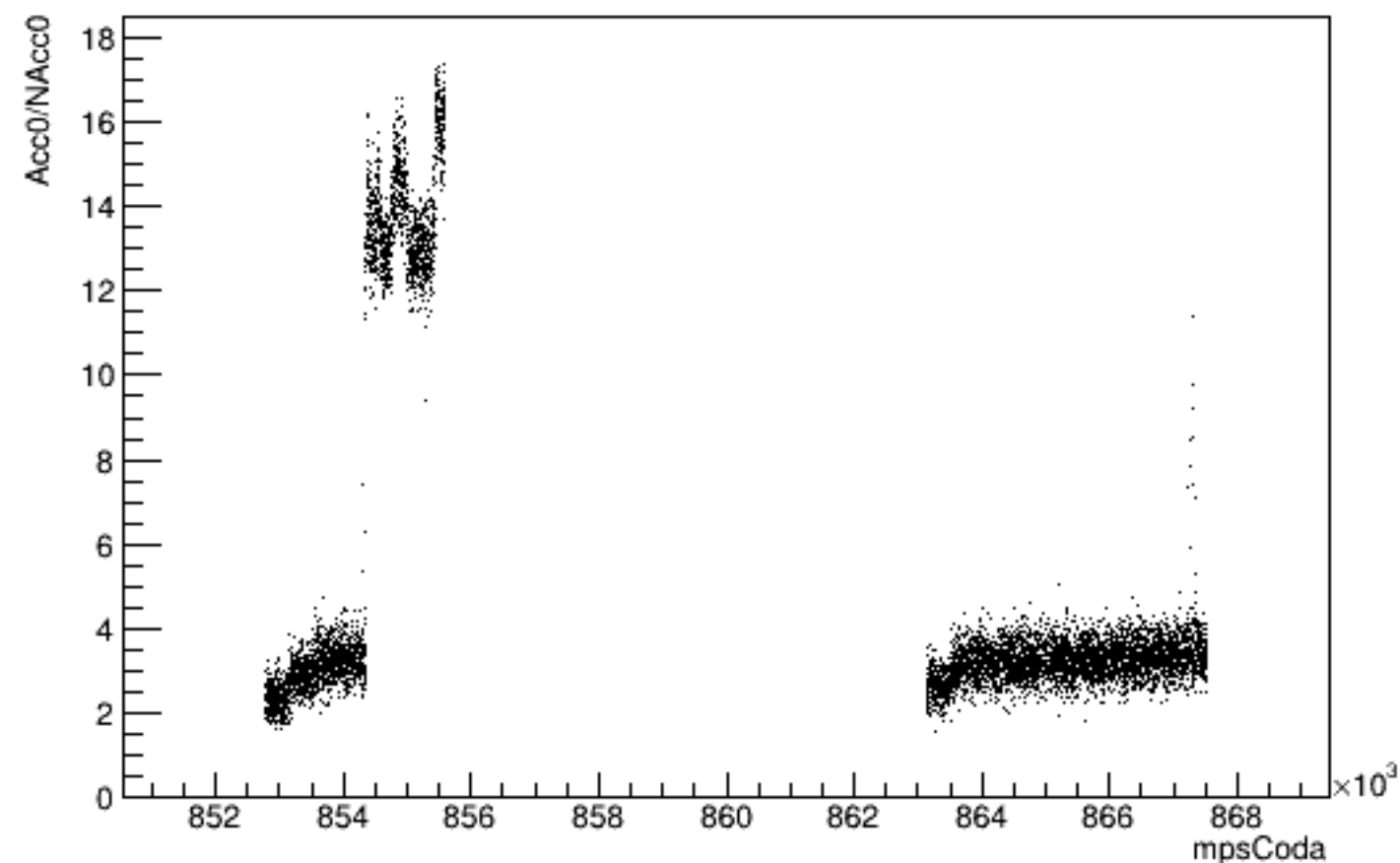
Cycle 32, Asyms

Entries: 390	Entries: 310	Entries: 1086
Mean: 0.0009 +/- 0.0009	Mean: -0.0318 +/- 0.0015	Mean: -0.0005 +/- 0.0005
Std Dev: 0.0168 +/- 0.0006	Std Dev: 0.0265 +/- 0.0011	Std Dev: 0.0178 +/- 0.0004

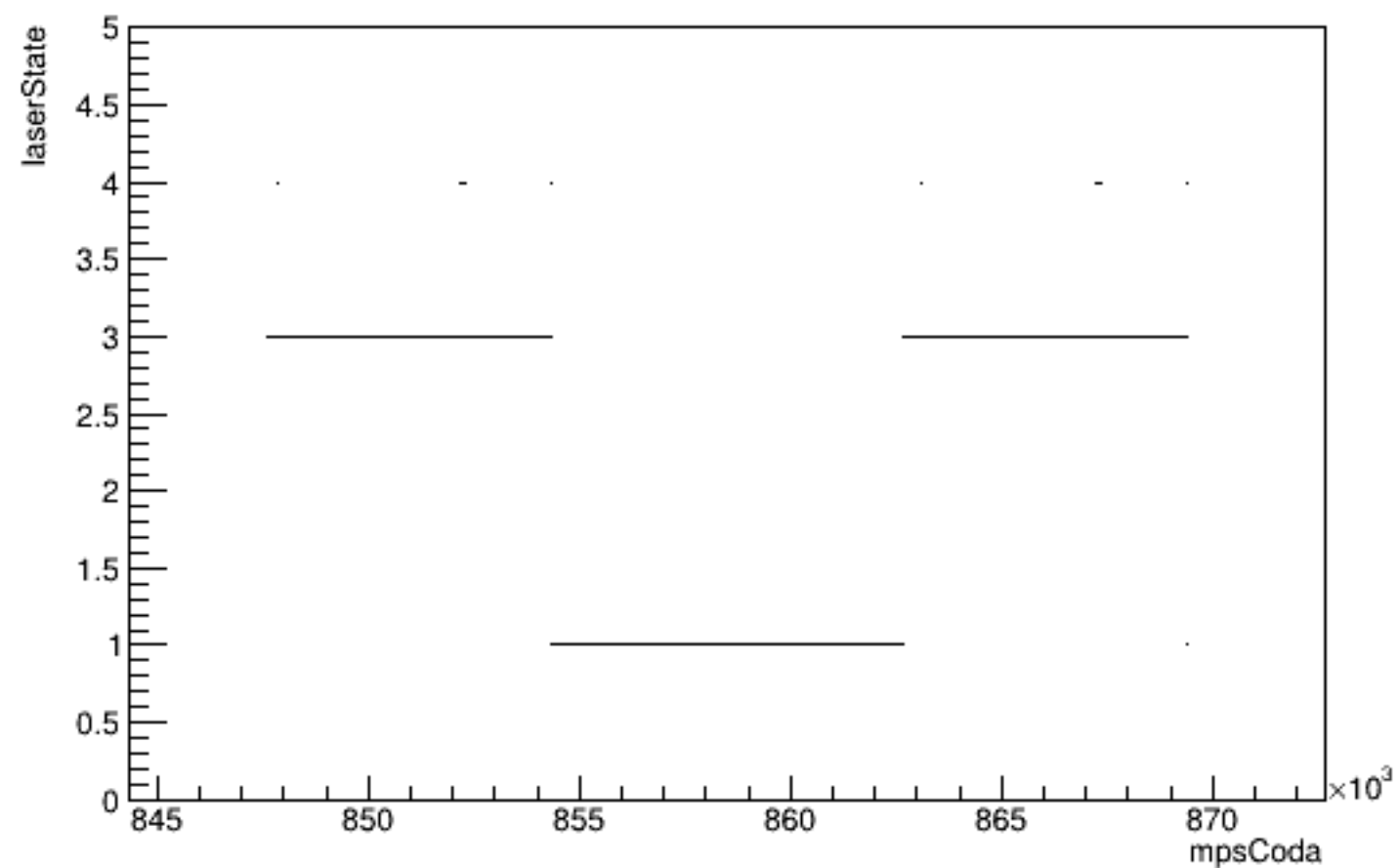
Run 5888 quartetwise, Asyms



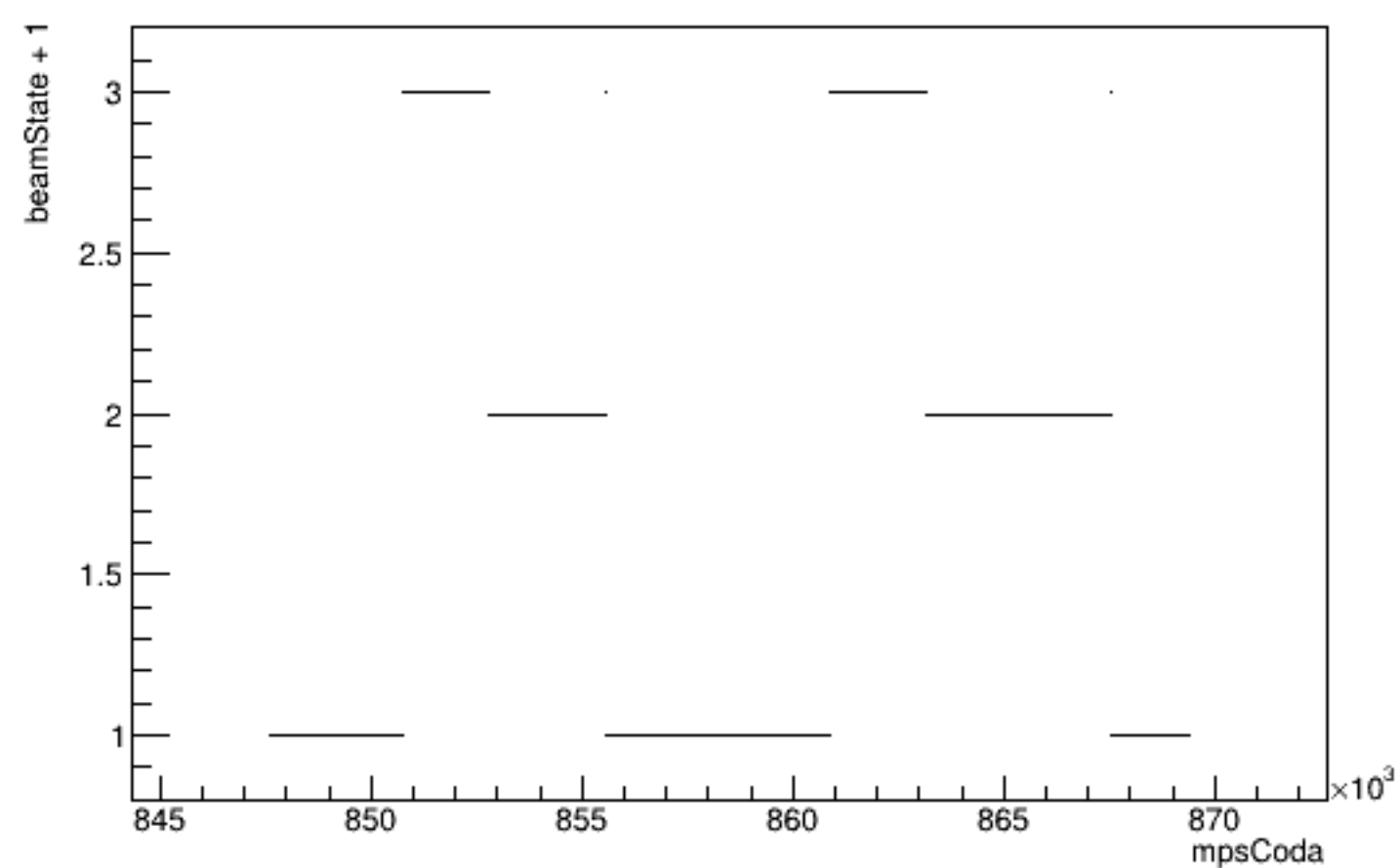
Acc0/NAcc0:mpsCoda (mpsCoda>=847600 && mpsCoda<=869371 && beamState==1)



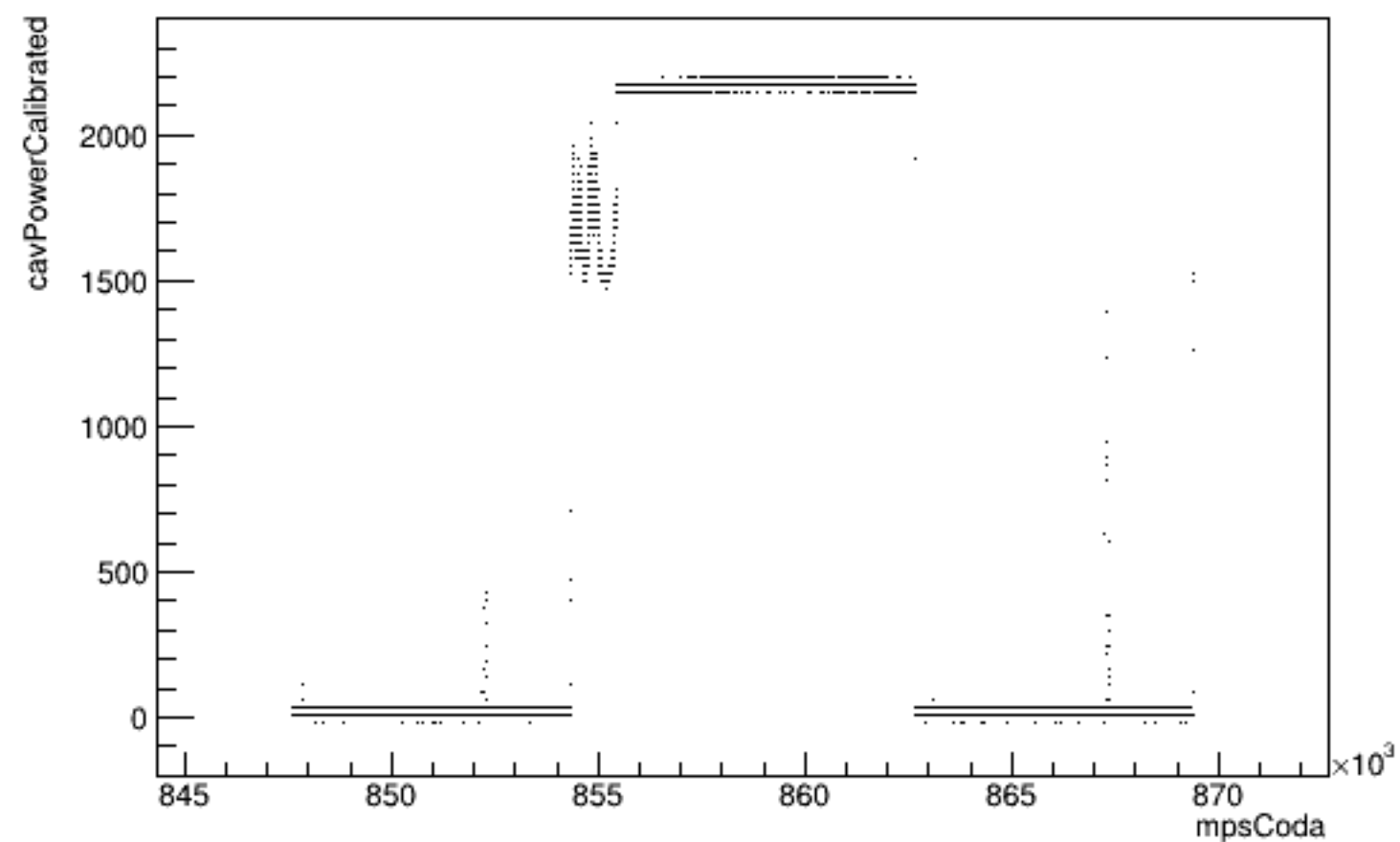
laserState:mpsCoda {mpsCoda>=847600 && mpsCoda<=869371}



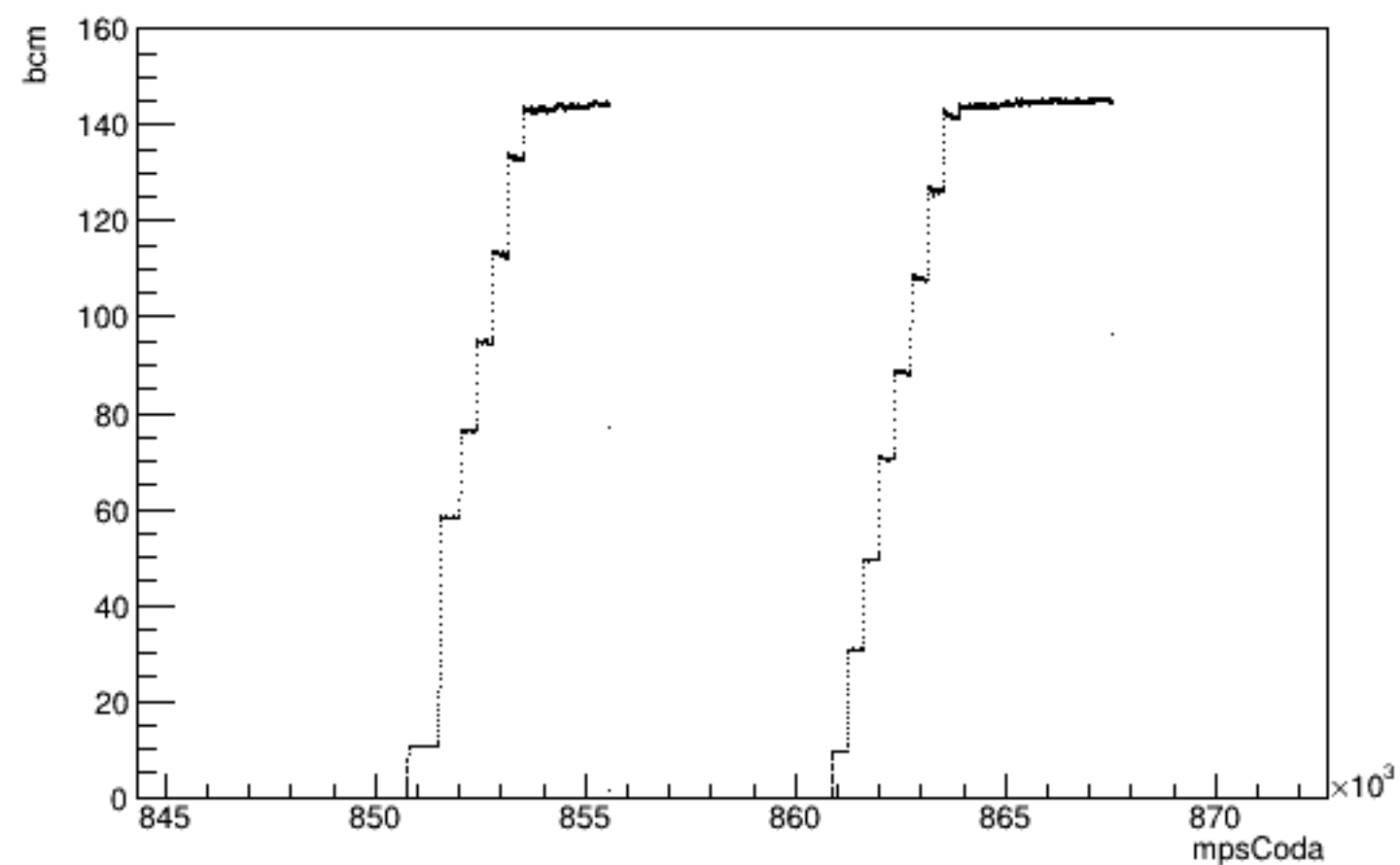
beamState + 1:mpsCoda {mpsCoda>=847600 && mpsCoda<=869371}



cavPowerCalibrated:mpsCoda {mpsCoda>=847600 && mpsCoda<=869371}



bcm:mpsCoda {mpsCoda>=847600 && mpsCoda<=869371}



Cycle 33, Diffs

Entries: 1086

Mean: -0.0114 +/- 0.0116

Std Dev: 0.3824 +/- 0.0082

Entries: 1347

Mean: -0.8379 +/- 0.0152

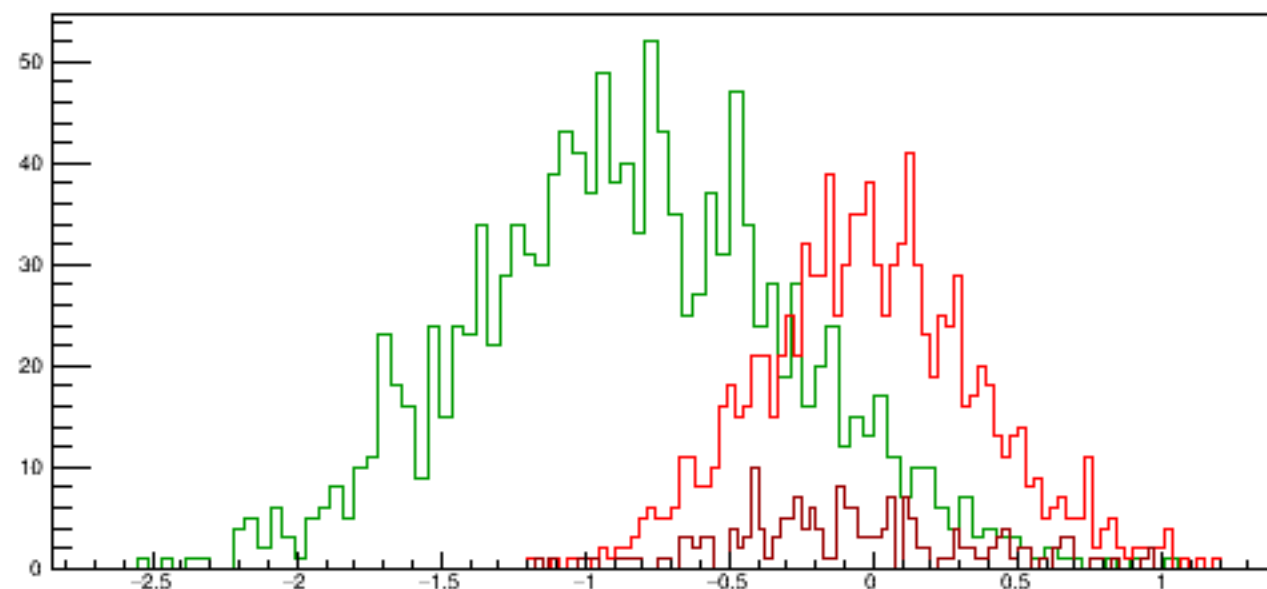
Std Dev: 0.5562 +/- 0.0107

Entries: 182

Mean: -0.0861 +/- 0.0318

Std Dev: 0.4290 +/- 0.0225

Run 5888 quartetwise, Diffs



Cycle 33, Sums

Entries: 1086

Mean: 6.4227 +/- 0.0164

Std Dev: 0.5408 +/- 0.0116

Entries: 1347

Mean: 32.4261 +/- 0.0440

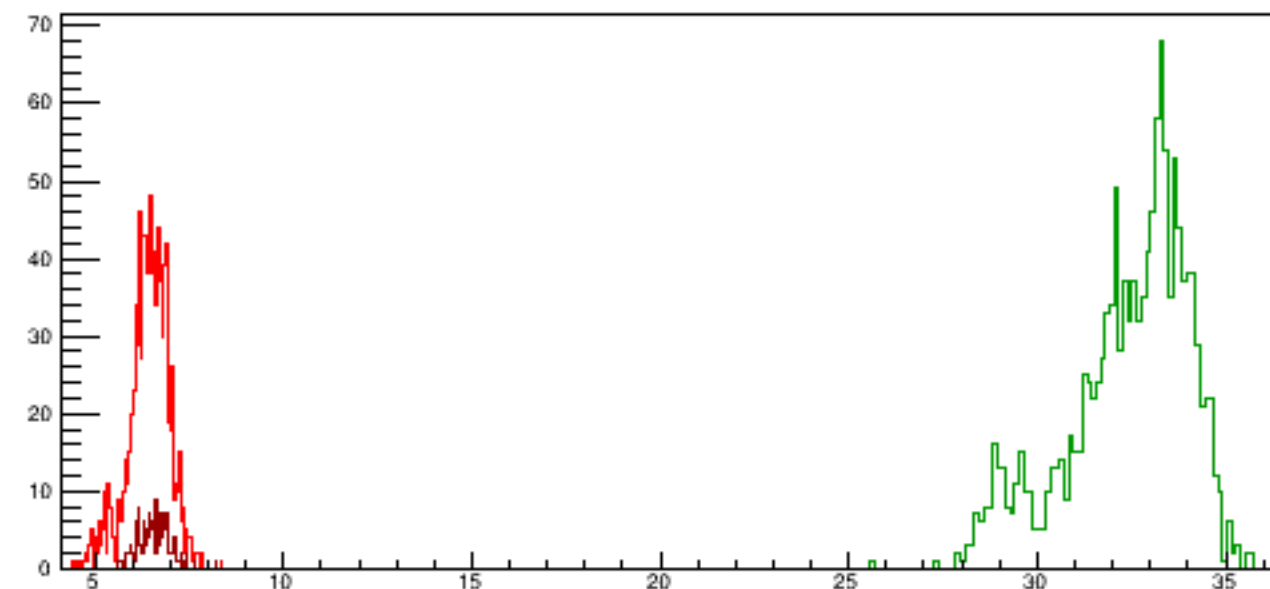
Std Dev: 1.6154 +/- 0.0311

Entries: 182

Mean: 6.5666 +/- 0.0304

Std Dev: 0.4095 +/- 0.0215

Run 5888 quartetwise, Sums



Cycle 33, Asyms

Entries: 1086

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0147 +/- 0.0003

Entries: 1347

Mean: -0.0323 +/- 0.0006

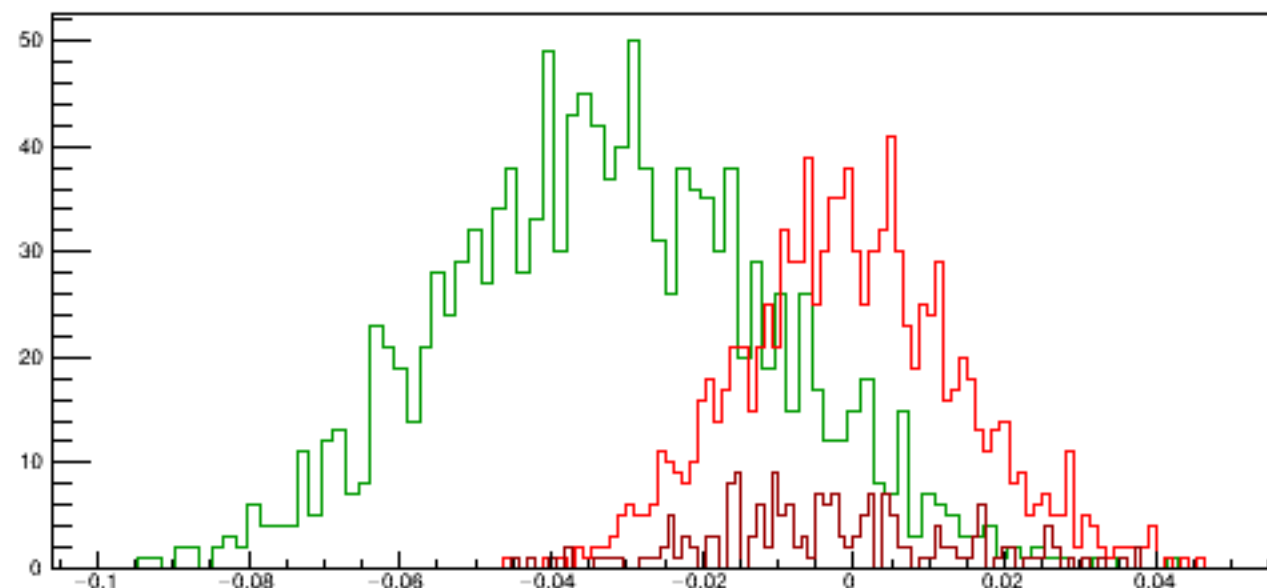
Std Dev: 0.0215 +/- 0.0004

Entries: 182

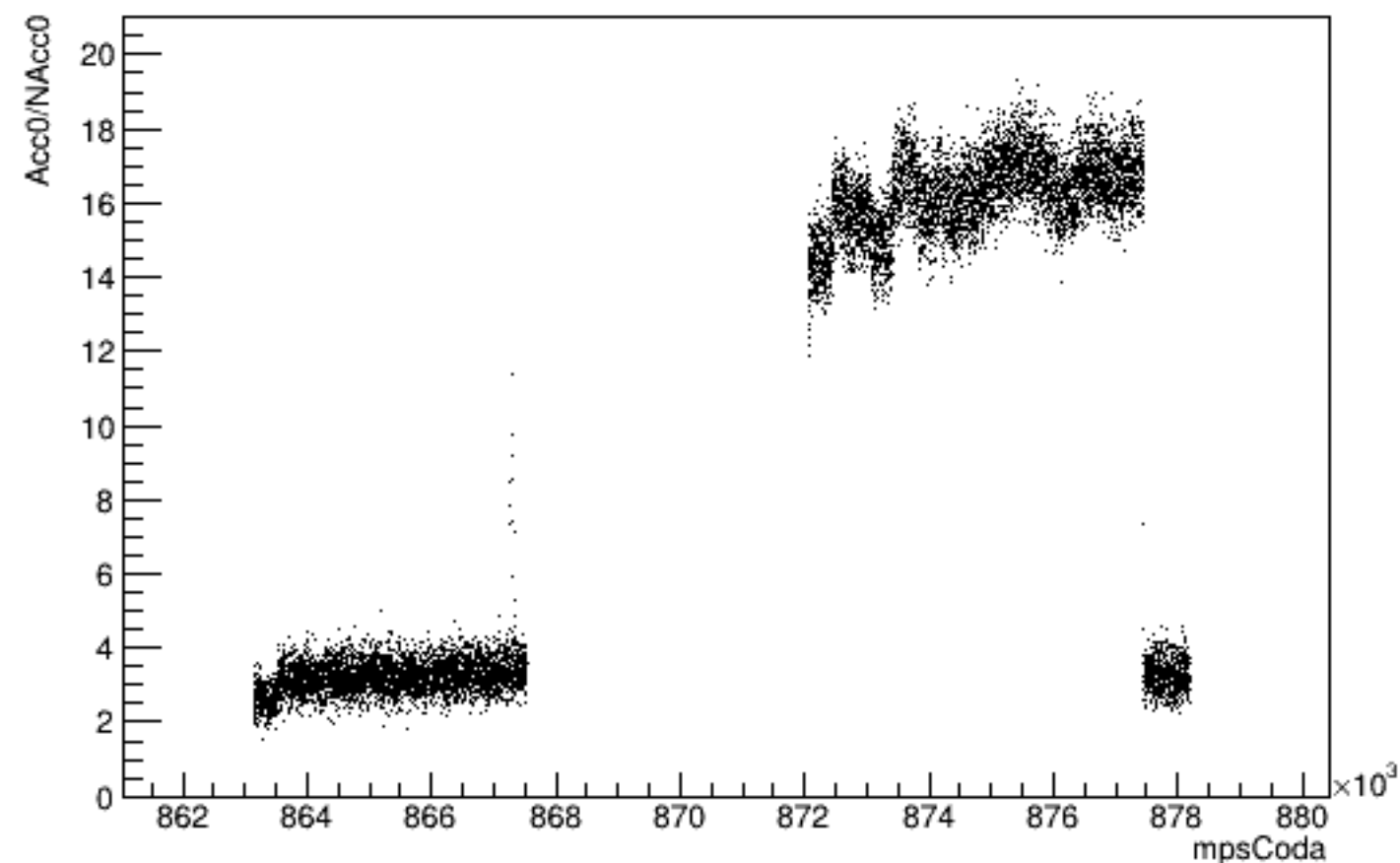
Mean: -0.0033 +/- 0.0012

Std Dev: 0.0165 +/- 0.0009

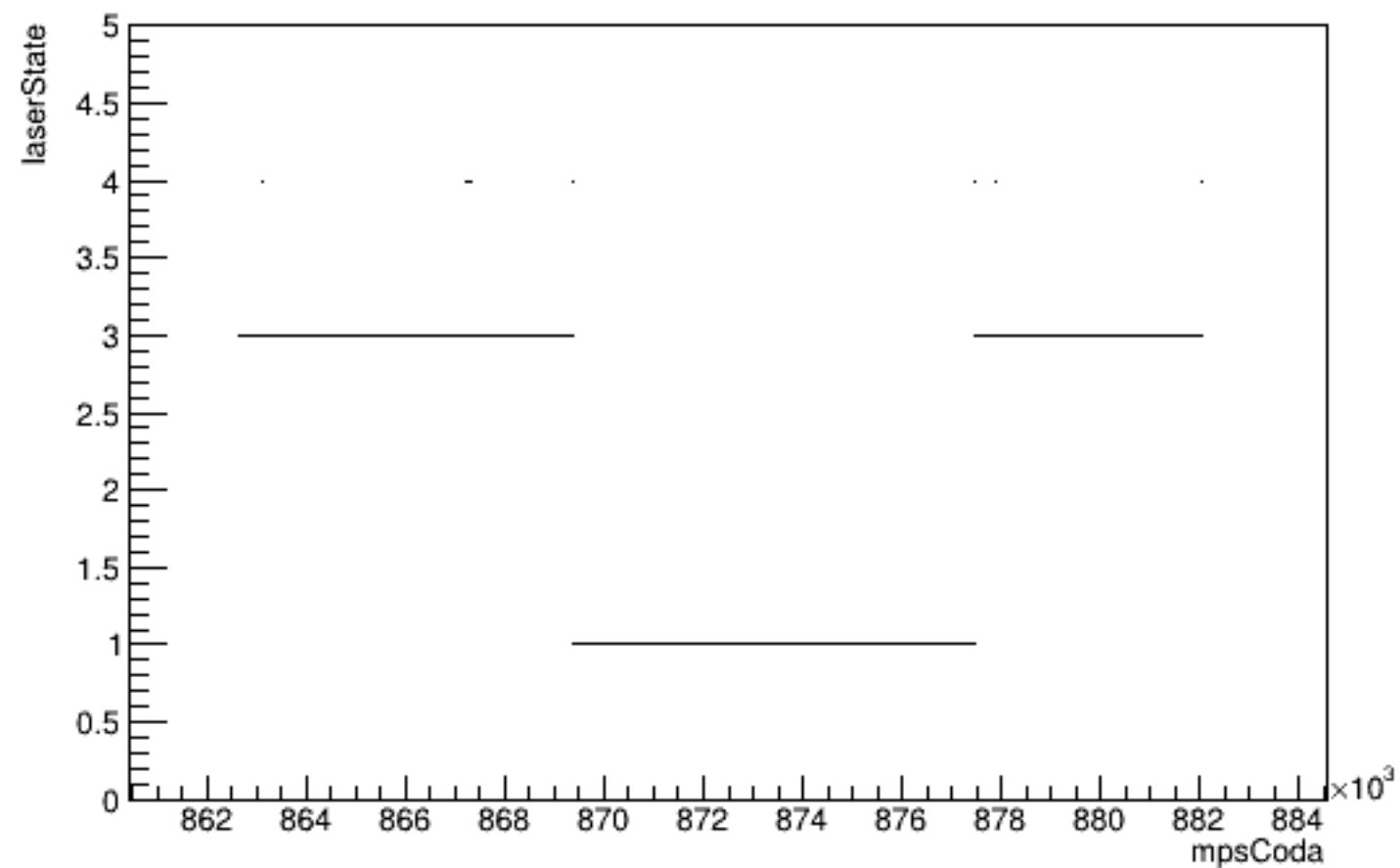
Run 5888 quartetwise, Asyms



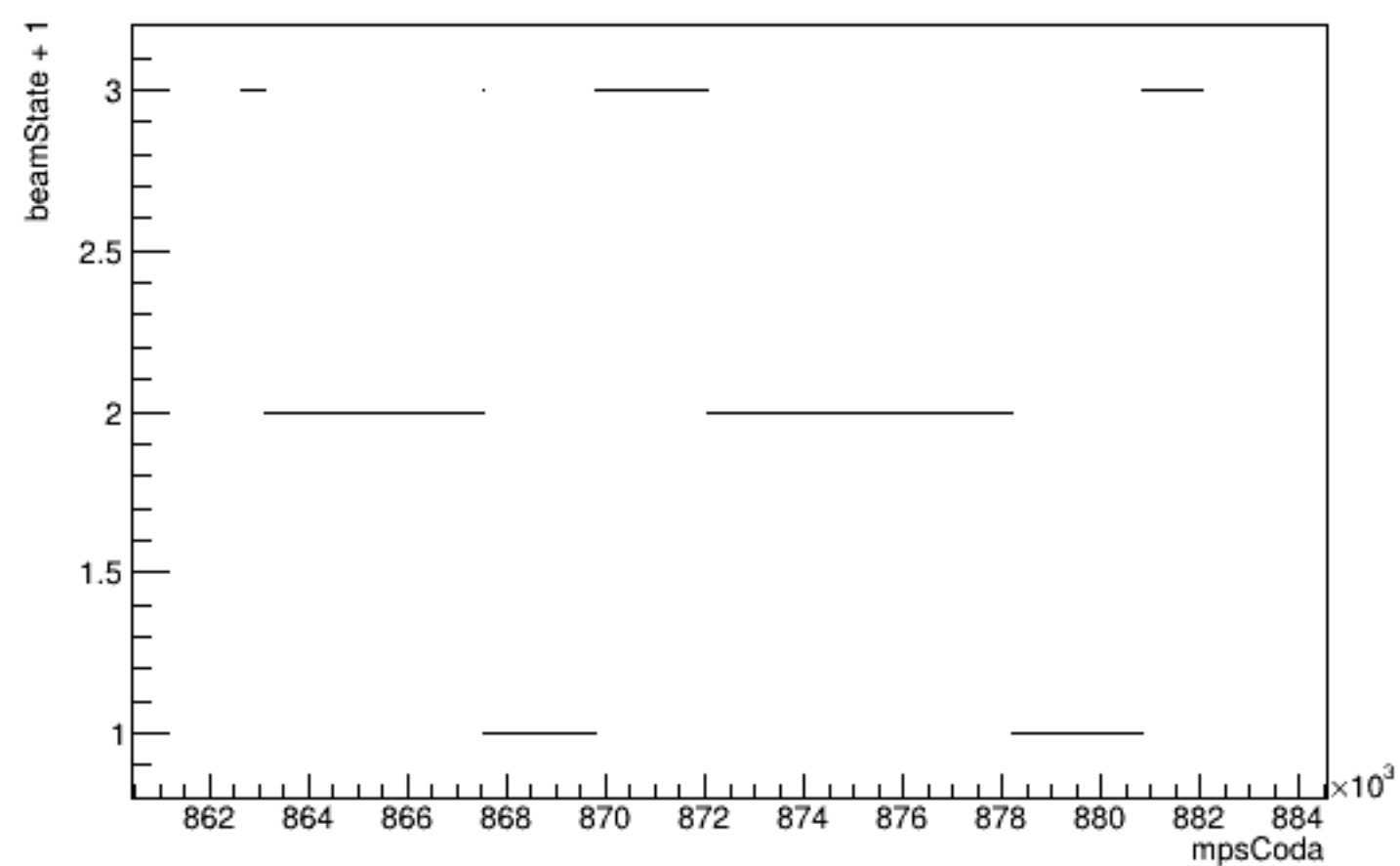
Acc0/NAcc0:mpsCoda (mpsCoda>=862648 && mpsCoda<=882067 && beamState==1)



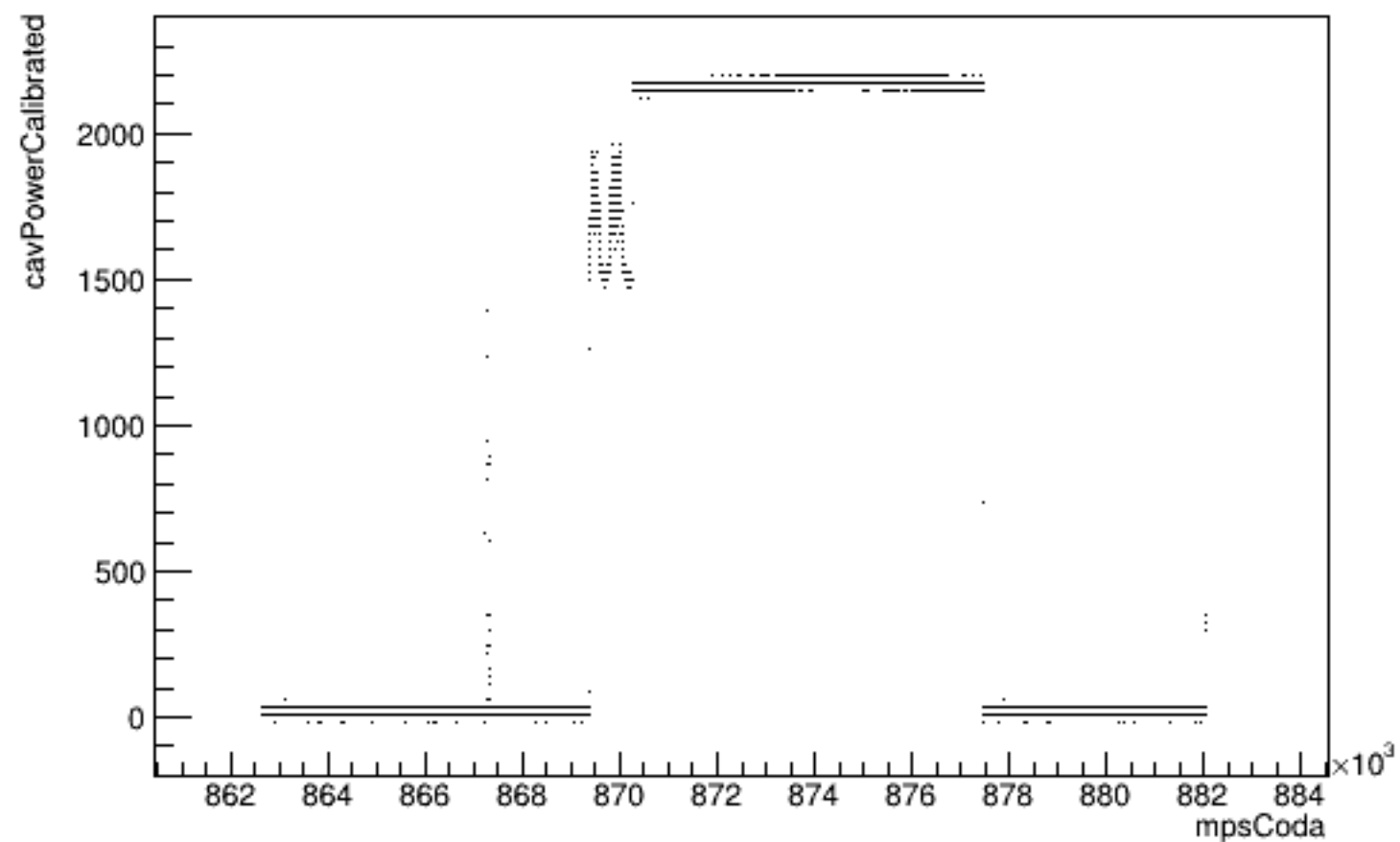
laserState:mpsCoda {mpsCoda>=862648 && mpsCoda<=882067}



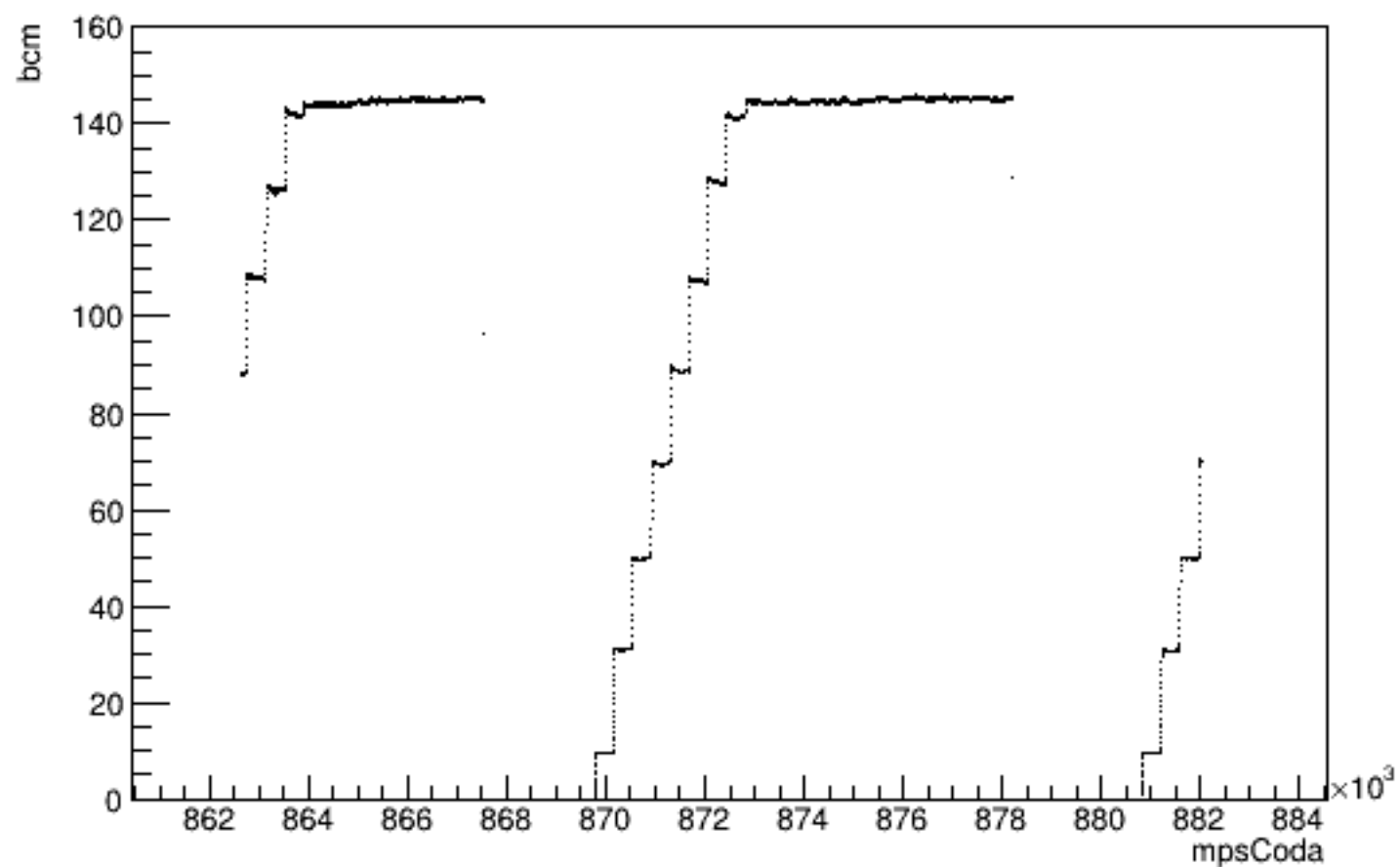
beamState + 1:mpsCoda {mpsCoda>=862648 && mpsCoda<=882067}



cavPowerCalibrated:mpsCoda {mpsCoda>=862648 && mpsCoda<=882067}



bcm:mpsCoda {mpsCoda>=862648 && mpsCoda<=882067}



Cycle 34, Diffs

Entries: 1141

Mean: -0.0100 +/- 0.0113

Std Dev: 0.3805 +/- 0.0080

Entries: 2000

Mean: -0.7879 +/- 0.0128

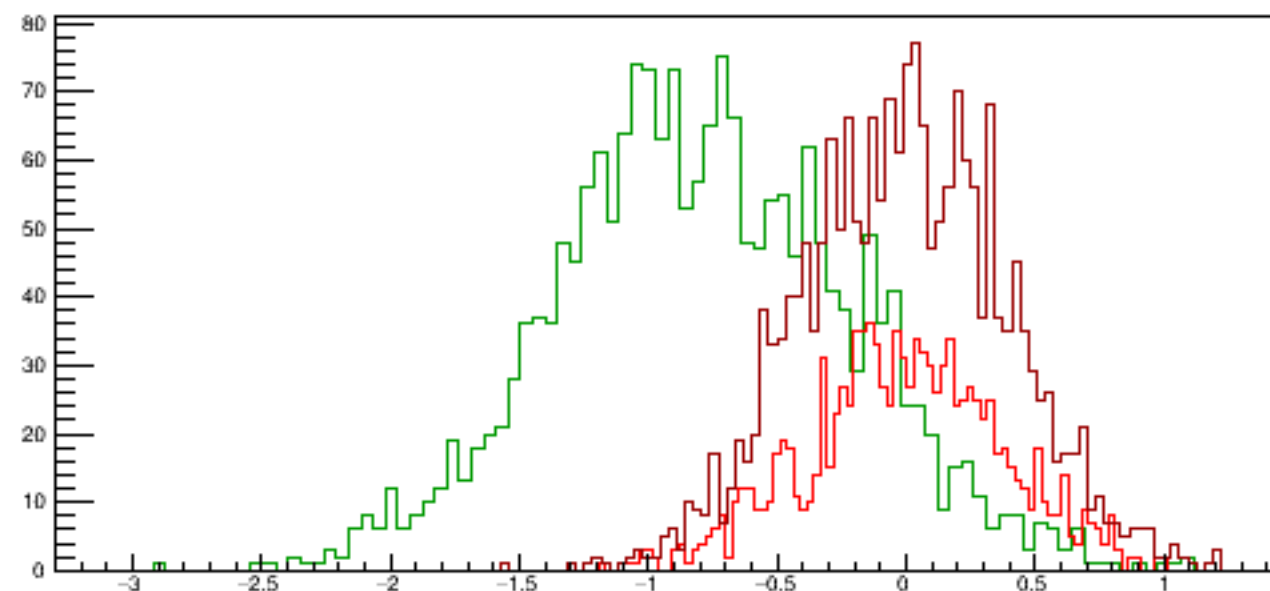
Std Dev: 0.5714 +/- 0.0090

Entries: 2028

Mean: -0.0065 +/- 0.0089

Std Dev: 0.3986 +/- 0.0063

Run 5888 quartetwise, Diffs



Cycle 34, Sums

Entries: 1141

Mean: 6.4232 +/- 0.0157

Std Dev: 0.5302 +/- 0.0111

Entries: 2000

Mean: 31.7925 +/- 0.0453

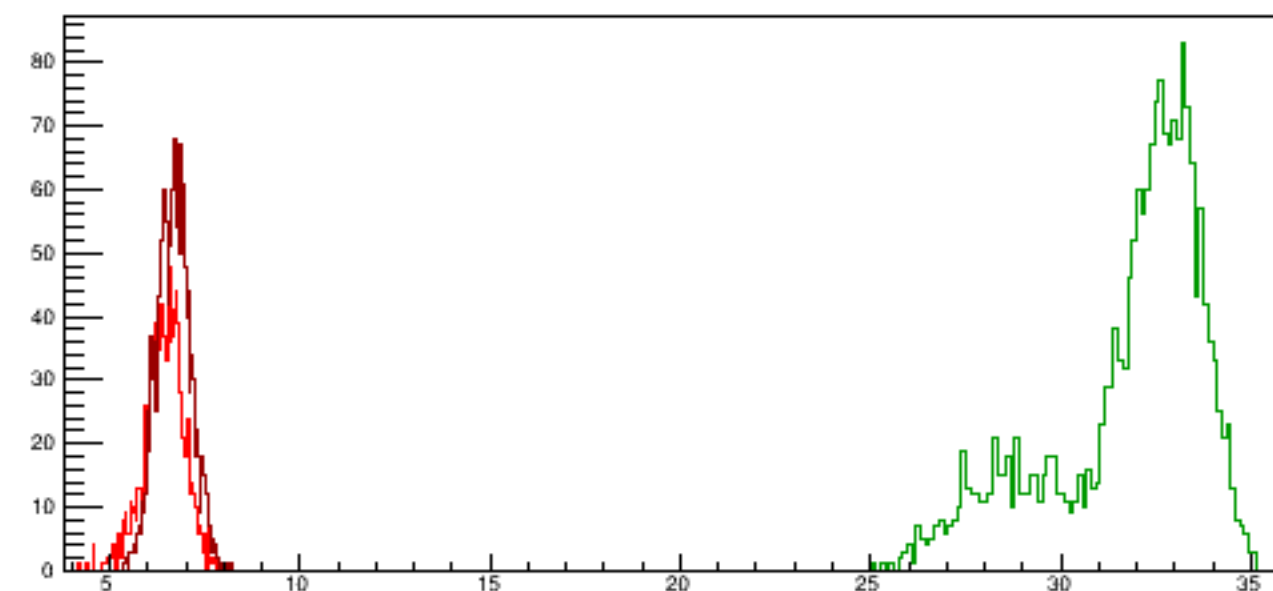
Std Dev: 2.0241 +/- 0.0320

Entries: 2028

Mean: 6.6826 +/- 0.0098

Std Dev: 0.4414 +/- 0.0069

Run 5888 quartetwise, Sums



Cycle 34, Asyms

Entries: 1141

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0151 +/- 0.0003

Entries: 2000

Mean: -0.0312 +/- 0.0005

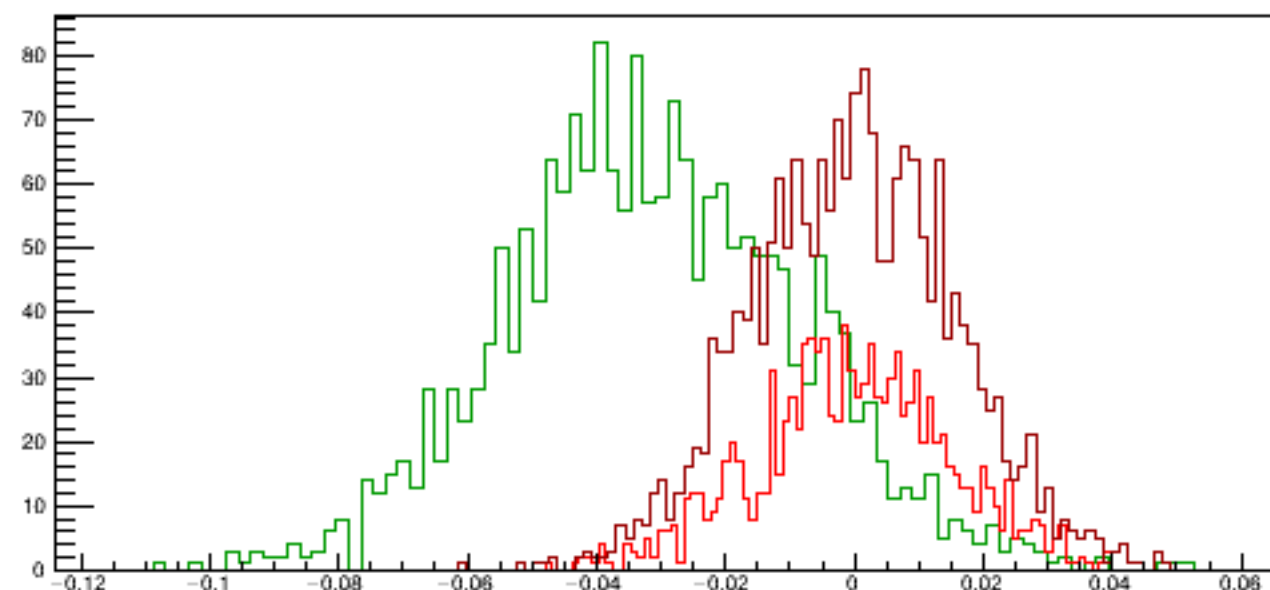
Std Dev: 0.0228 +/- 0.0004

Entries: 2028

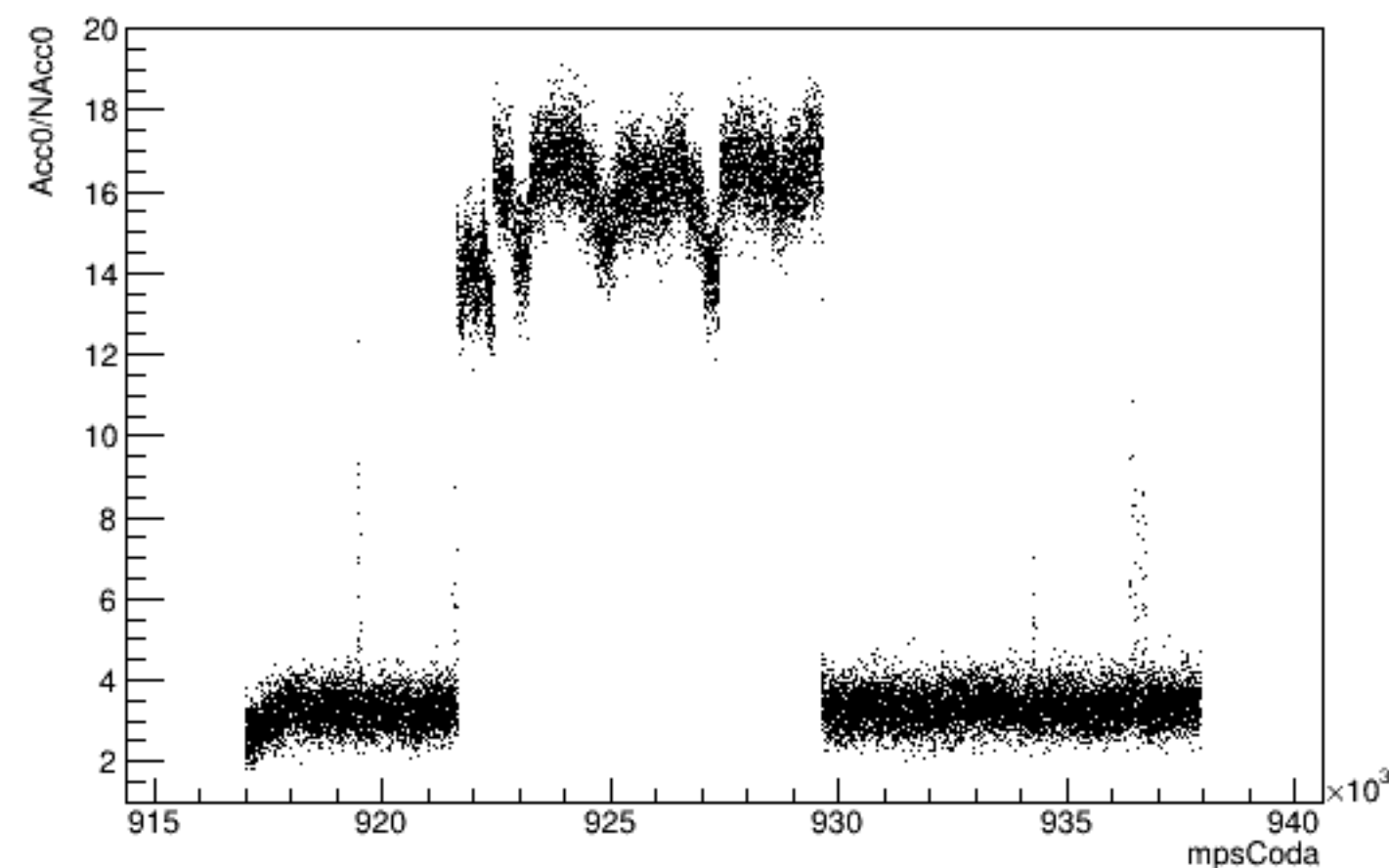
Mean: -0.0003 +/- 0.0004

Std Dev: 0.0158 +/- 0.0002

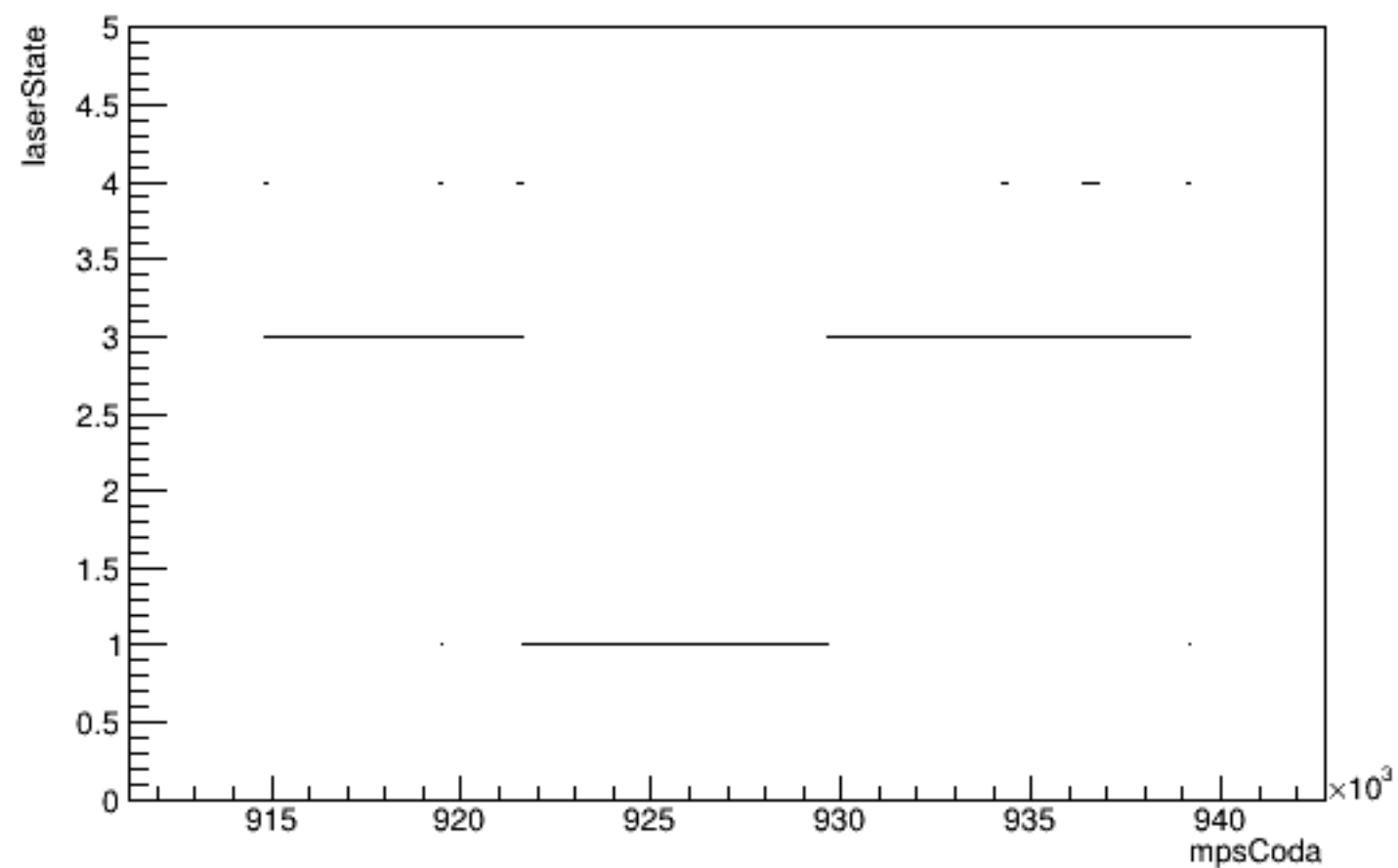
Run 5888 quartetwise, Asyms



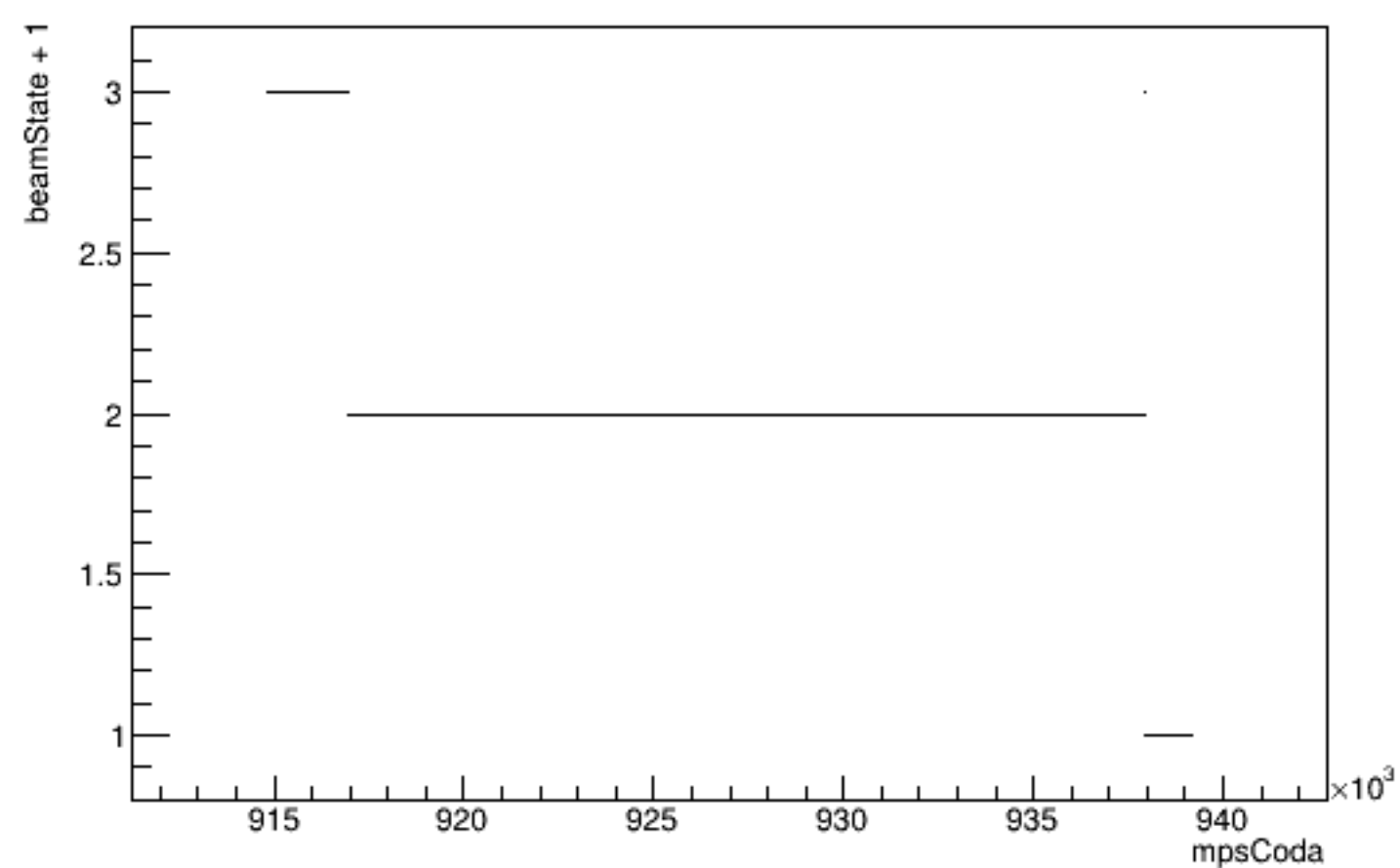
Acc0/NAcc0:mpsCoda (mpsCoda>=914836 && mpsCoda<=939203 && beamState==1)



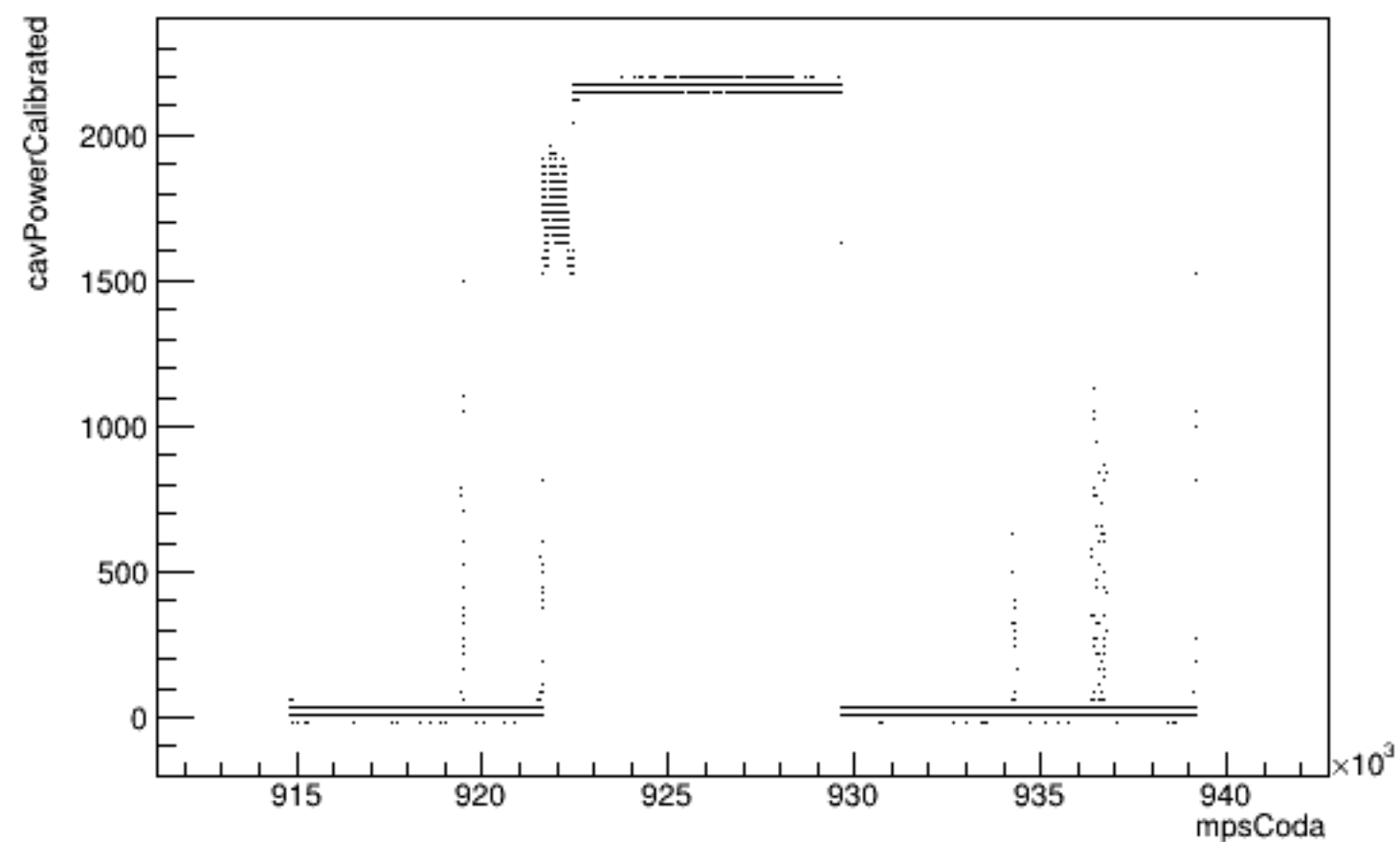
laserState:mpsCoda {mpsCoda>=914836 && mpsCoda<=939203}



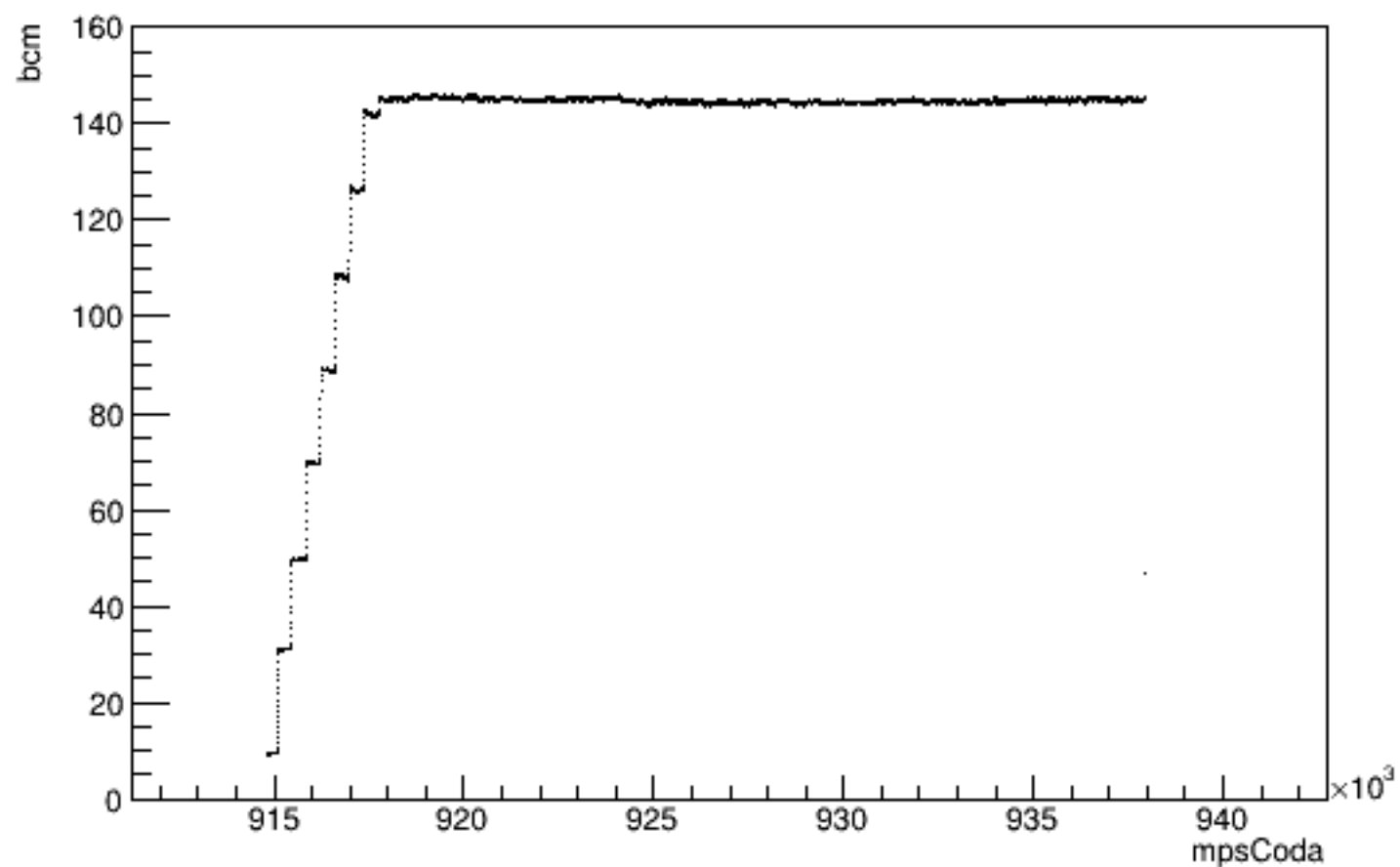
beamState + 1:mpsCoda {mpsCoda>=914836 && mpsCoda<=939203}



cavPowerCalibrated:mpsCoda {mpsCoda>=914836 && mpsCoda<=939203}



bcm:mpsCoda {mpsCoda>=914836 && mpsCoda<=939203}



Cycle 35, Diffs

Entries: 1662

Mean: 0.0015 +/- 0.0094

Std Dev: 0.3814 +/- 0.0066

Entries: 2063

Mean: -0.8133 +/- 0.0126

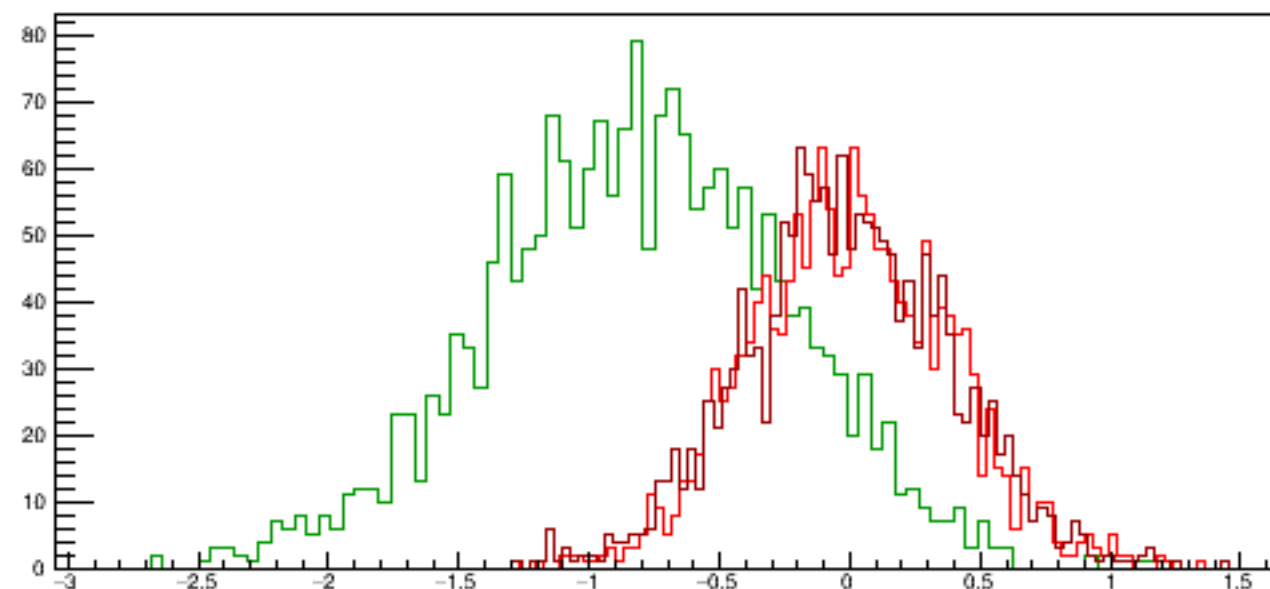
Std Dev: 0.5704 +/- 0.0089

Entries: 1664

Mean: -0.0134 +/- 0.0097

Std Dev: 0.3977 +/- 0.0069

Run 5888 quartetwise, Diffs



Cycle 35, Sums

Entries: 1662

Mean: 6.7272 +/- 0.0106

Std Dev: 0.4341 +/- 0.0075

Entries: 2063

Mean: 31.4995 +/- 0.0643

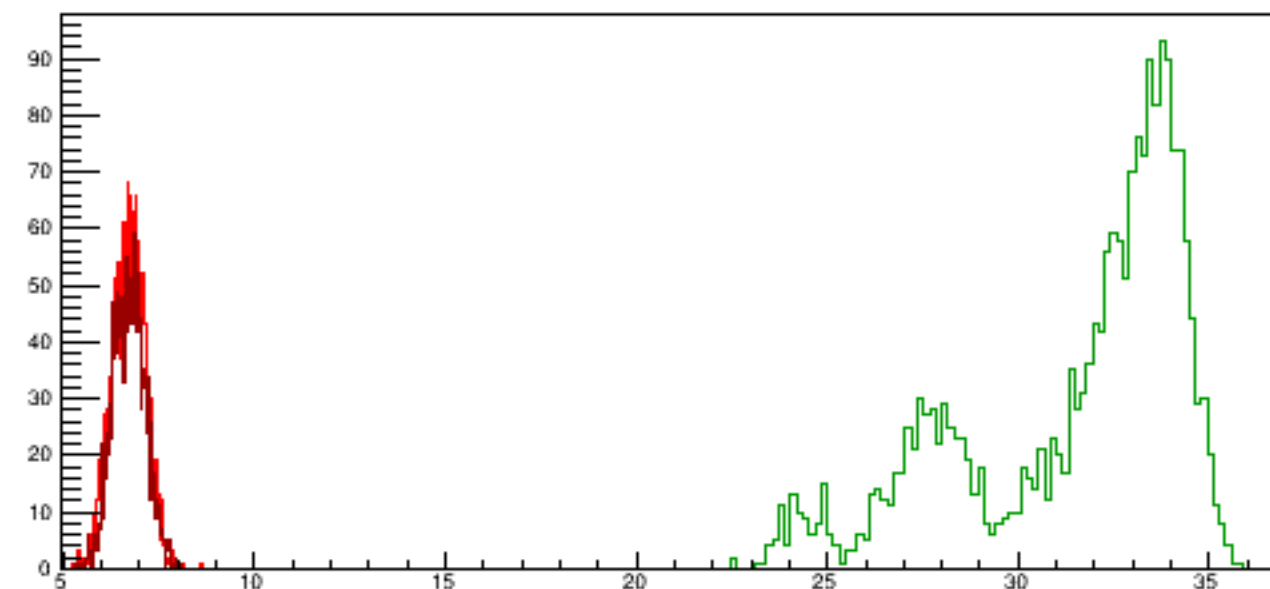
Std Dev: 2.9224 +/- 0.0455

Entries: 1664

Mean: 6.7228 +/- 0.0103

Std Dev: 0.4198 +/- 0.0073

Run 5888 quartetwise, Sums



Cycle 35, Asyms

Entries: 1662

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0154 +/- 0.0003

Entries: 2063

Mean: -0.0328 +/- 0.0005

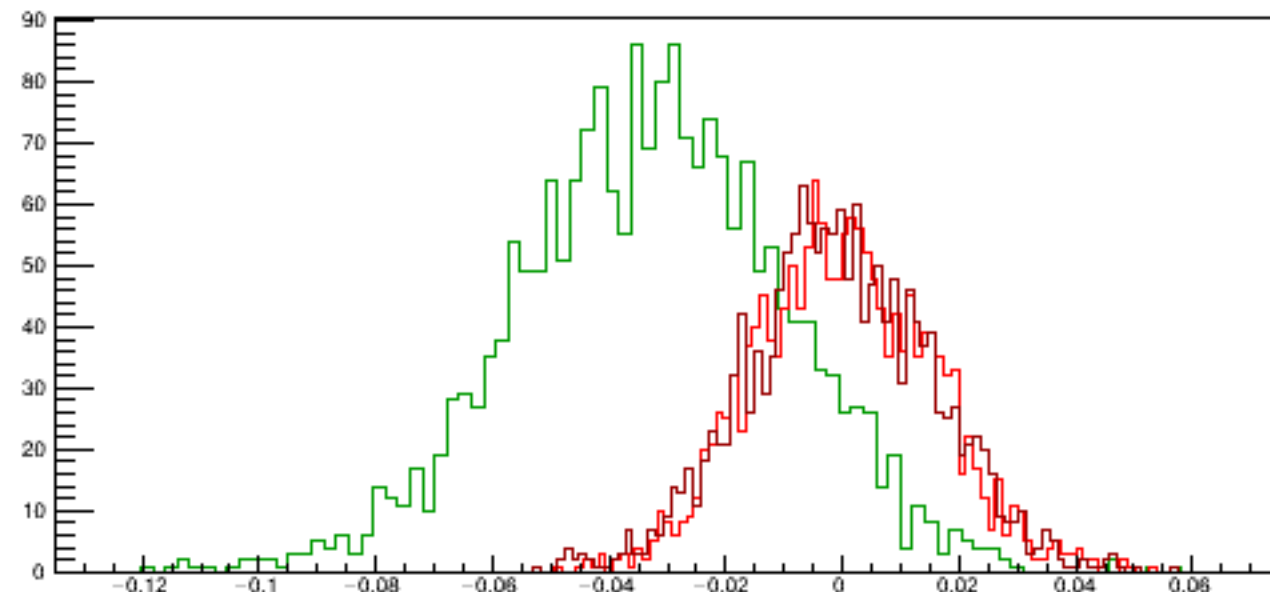
Std Dev: 0.0232 +/- 0.0004

Entries: 1664

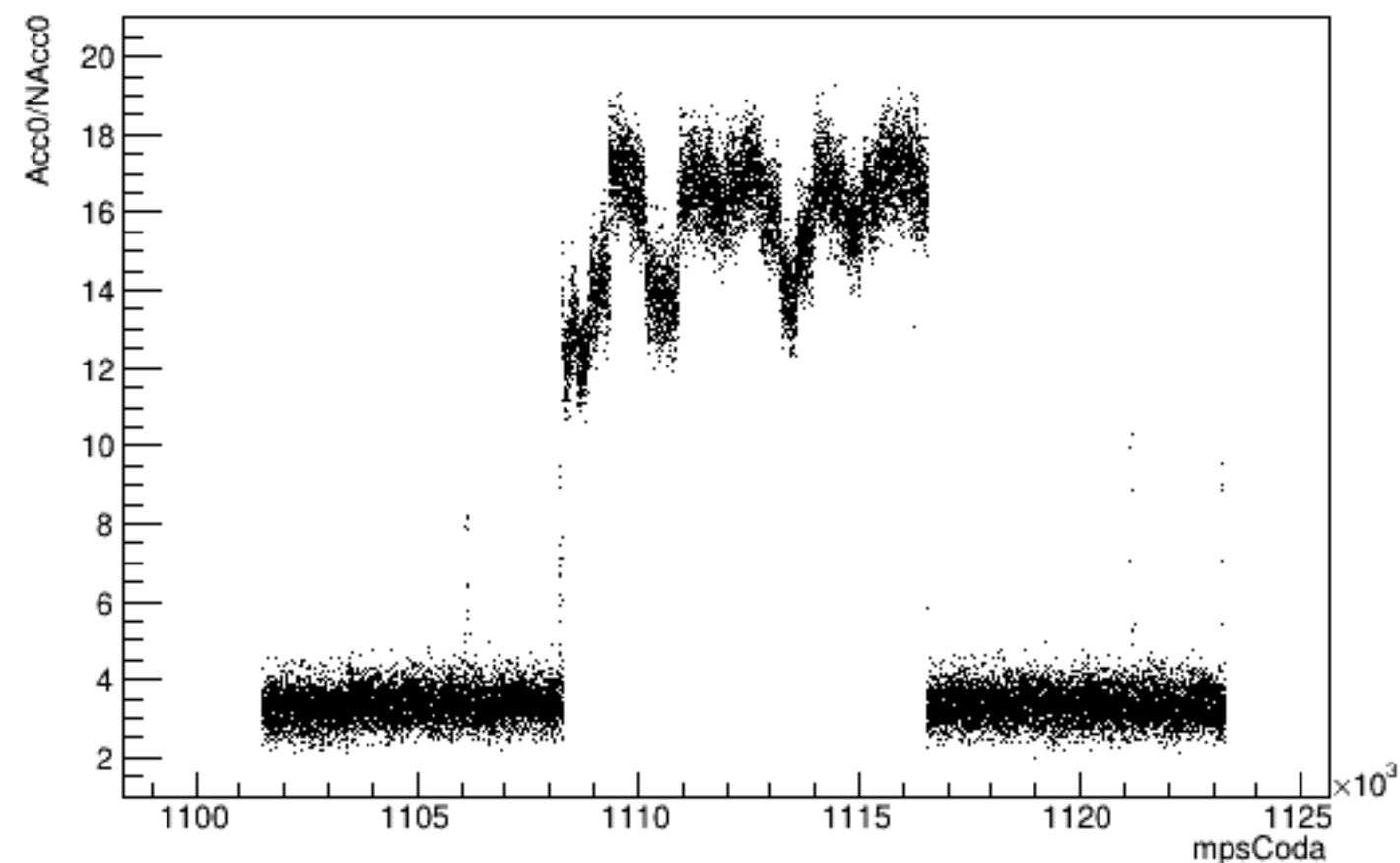
Mean: -0.0005 +/- 0.0004

Std Dev: 0.0161 +/- 0.0003

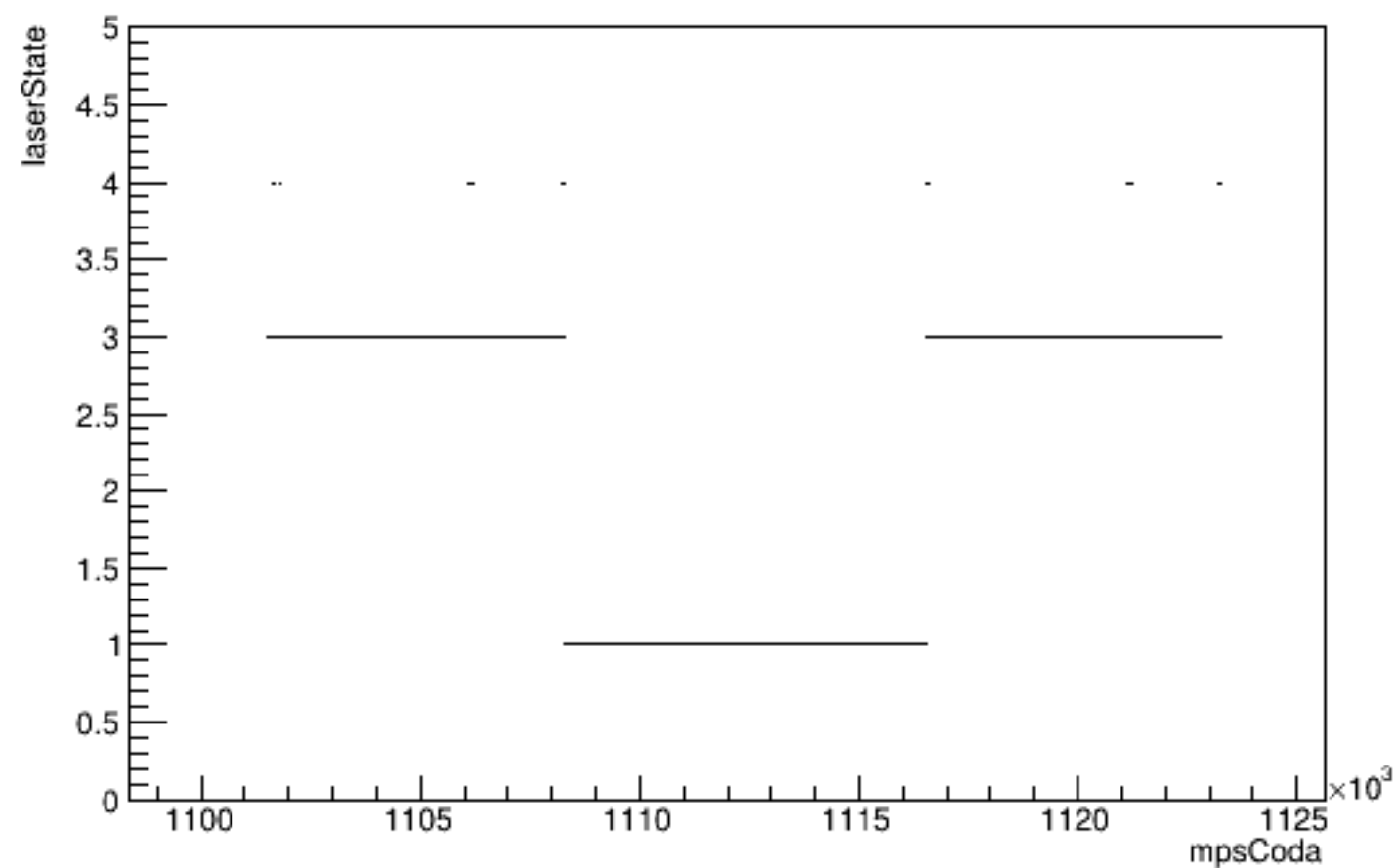
Run 5888 quartetwise, Asyms



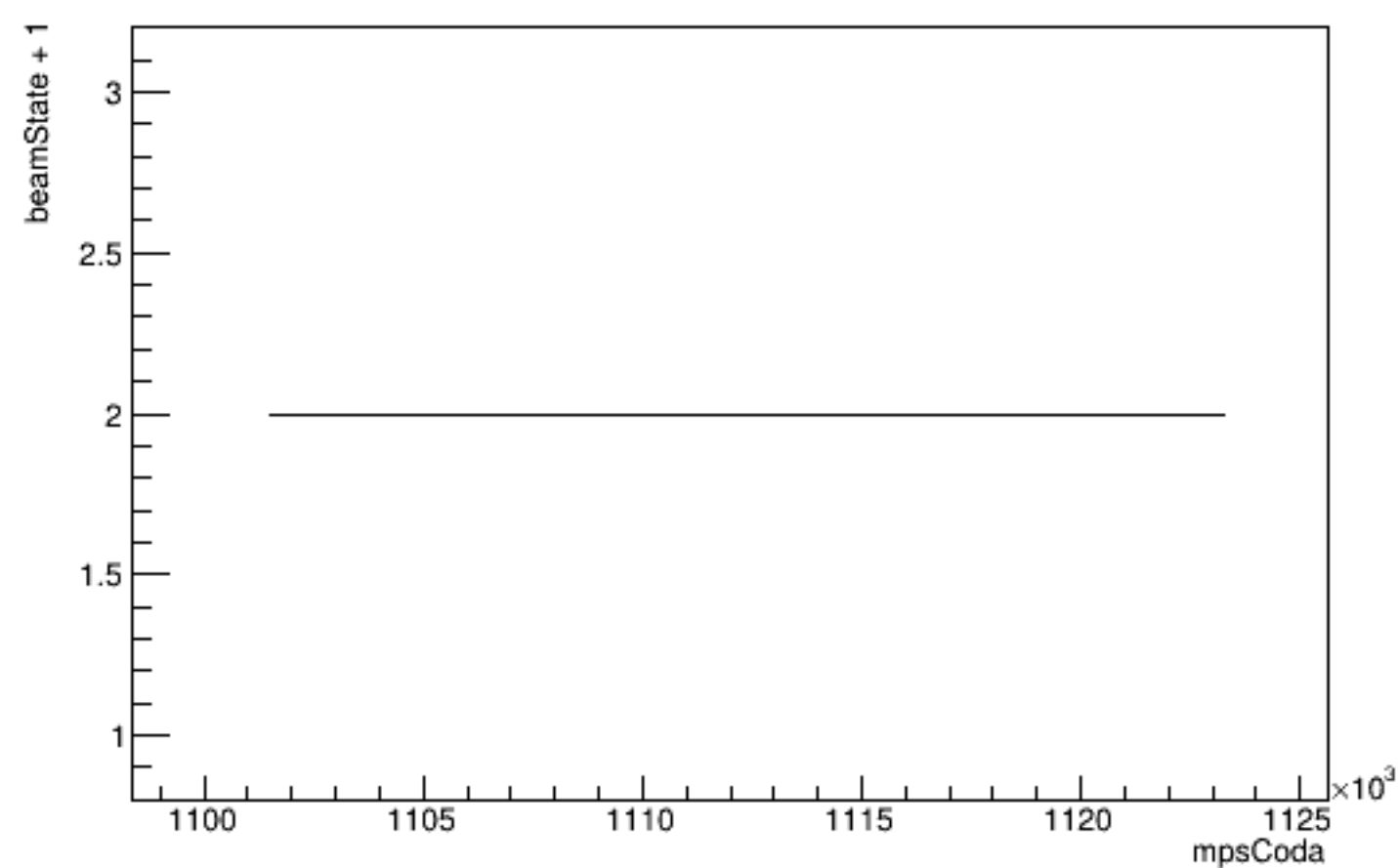
Acc0/NAcc0:mpsCoda (mpsCoda>=1101504 && mpsCoda<=1123267 && beamState==1)



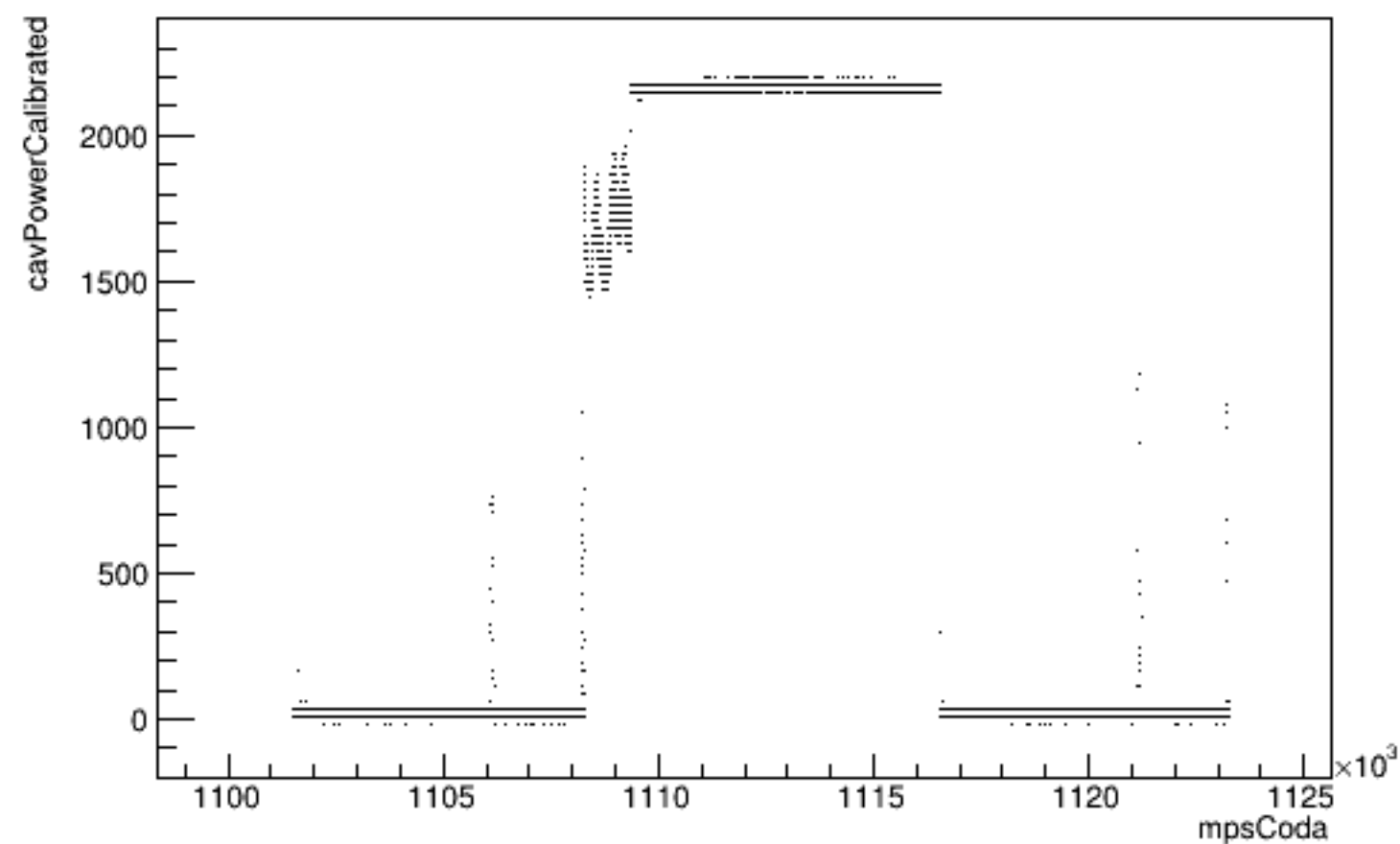
laserState:mpsCoda {mpsCoda>=1101504 && mpsCoda<=1123267}



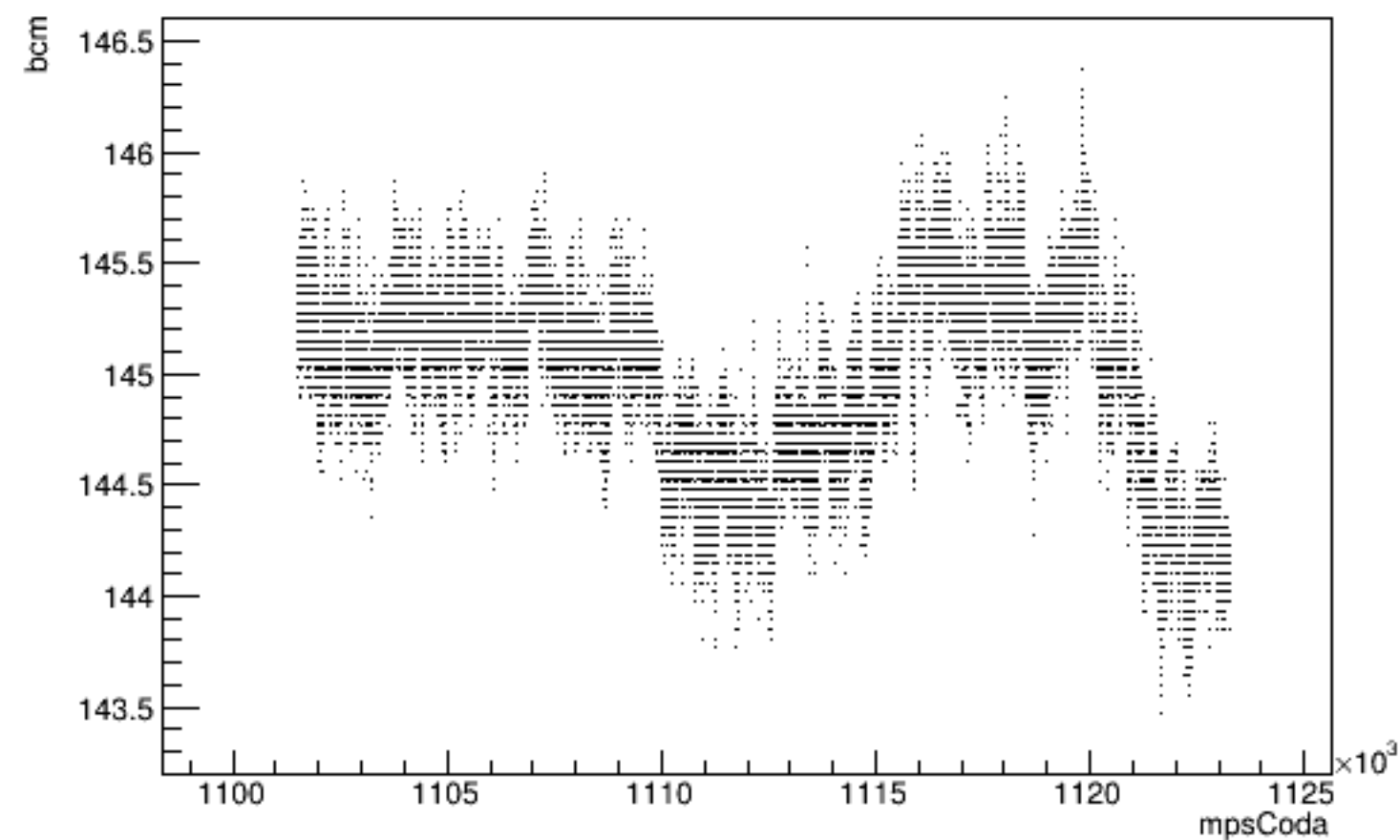
beamState + 1:mpsCoda {mpsCoda>=1101504 && mpsCoda<=1123267}



cavPowerCalibrated:mpsCoda {mpsCoda>=1101504 && mpsCoda<=1123267}



bcm:mpsCoda {mpsCoda>=1101504 && mpsCoda<=1123267}



Cycle 36, Diffs

Entries: 1664

Mean: -0.0134 +/- 0.0097

Std Dev: 0.3977 +/- 0.0069

Entries: 1990

Mean: -0.8021 +/- 0.0128

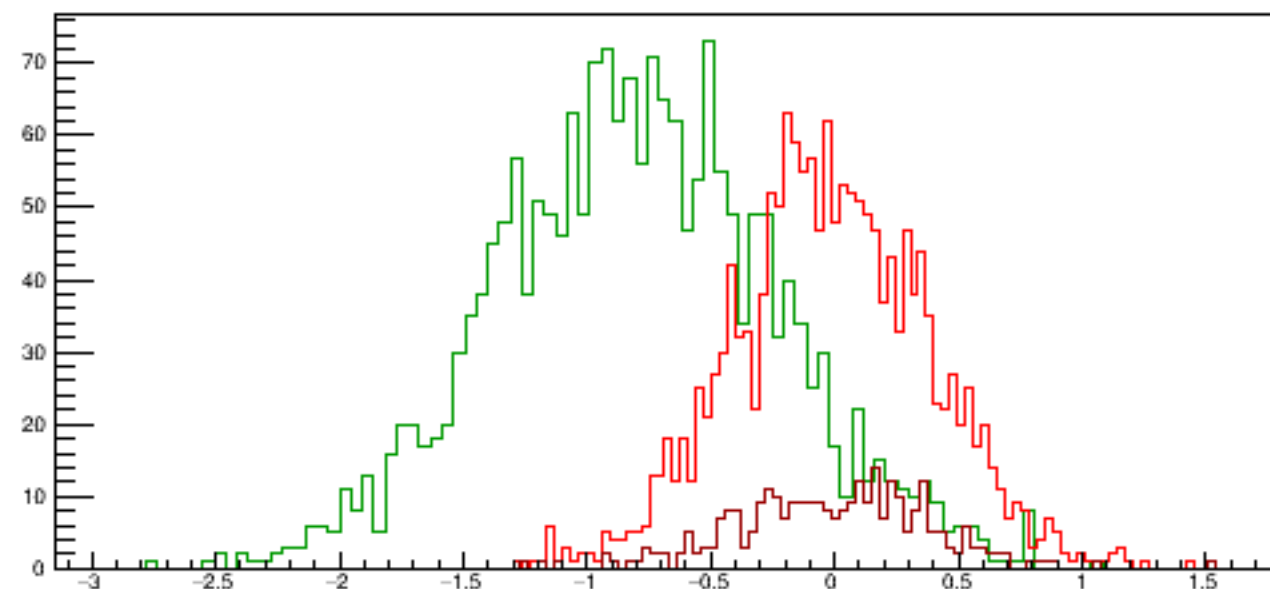
Std Dev: 0.5696 +/- 0.0090

Entries: 294

Mean: -0.0110 +/- 0.0228

Std Dev: 0.3914 +/- 0.0161

Run 5888 quartetwise, Diffs



Cycle 36, Sums

Entries: 1664

Mean: 6.7228 +/- 0.0103

Std Dev: 0.4198 +/- 0.0073

Entries: 1990

Mean: 31.7680 +/- 0.0658

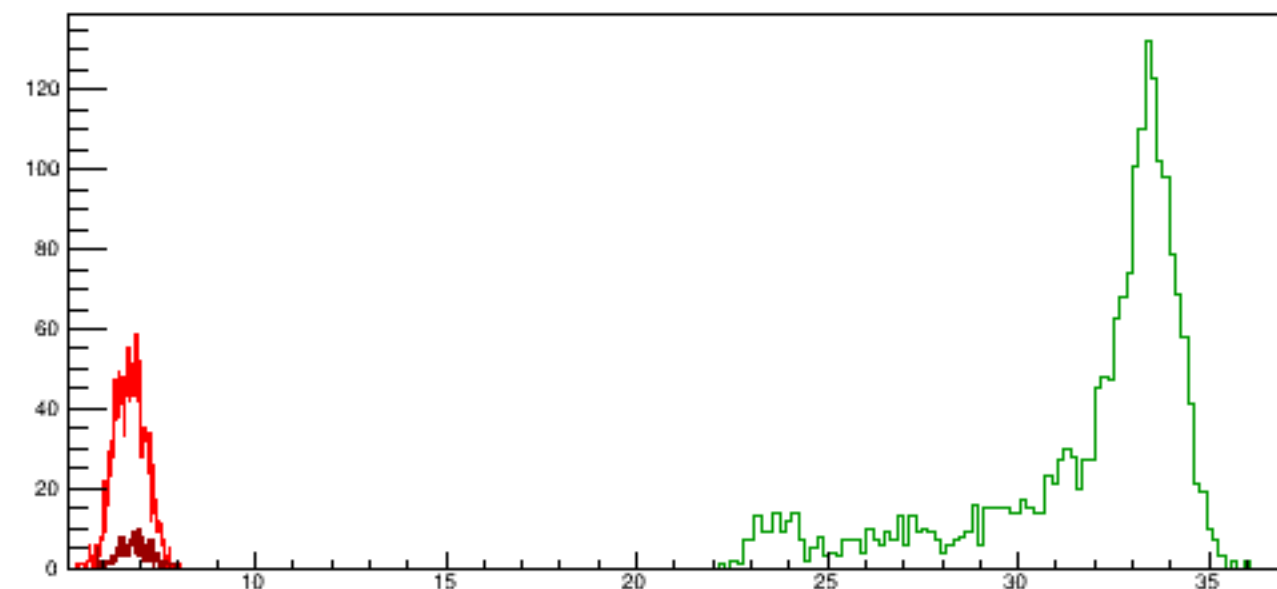
Std Dev: 2.9356 +/- 0.0465

Entries: 294

Mean: 6.8410 +/- 0.0252

Std Dev: 0.4317 +/- 0.0178

Run 5888 quartetwise, Sums



Cycle 36, Asyms

Entries: 1664

Mean: -0.0005 +/- 0.0004

Std Dev: 0.0159 +/- 0.0003

Entries: 1990

Mean: -0.0321 +/- 0.0005

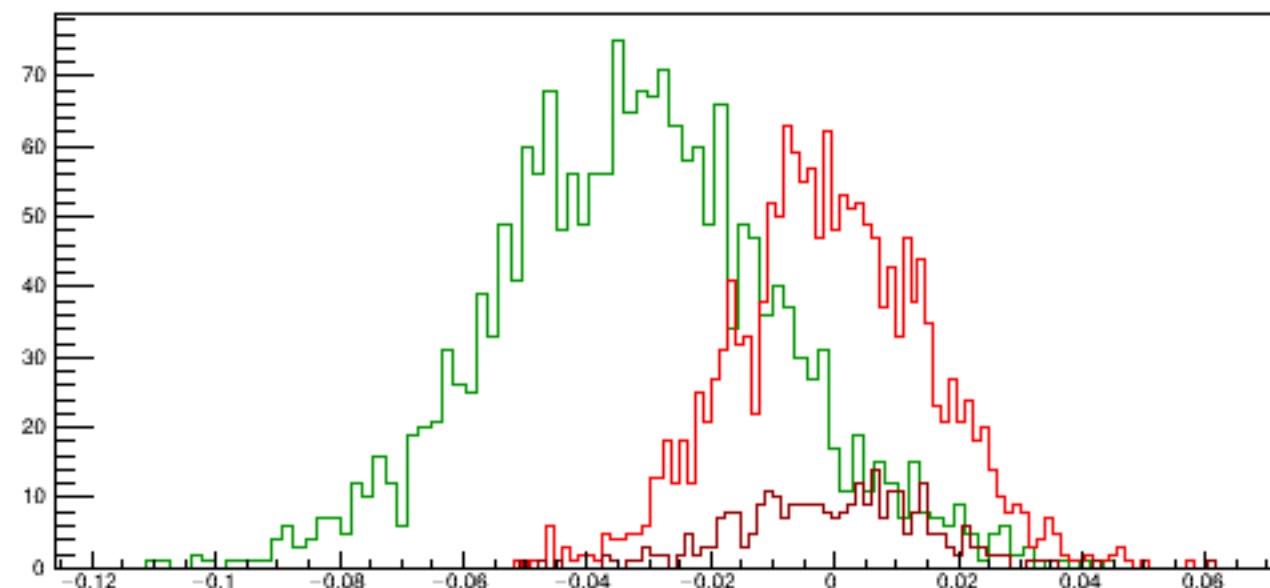
Std Dev: 0.0230 +/- 0.0004

Entries: 294

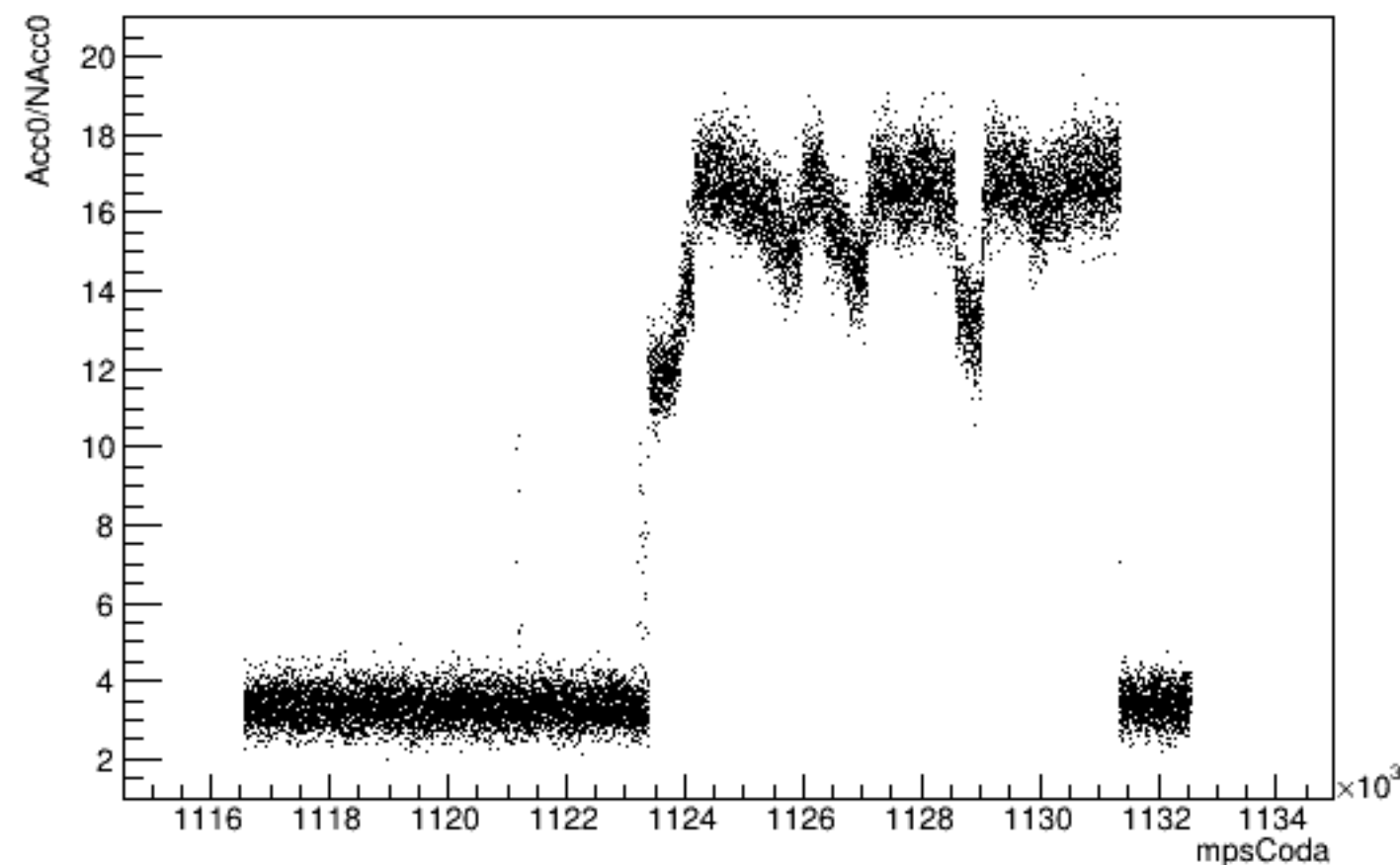
Mean: -0.0004 +/- 0.0009

Std Dev: 0.0157 +/- 0.0006

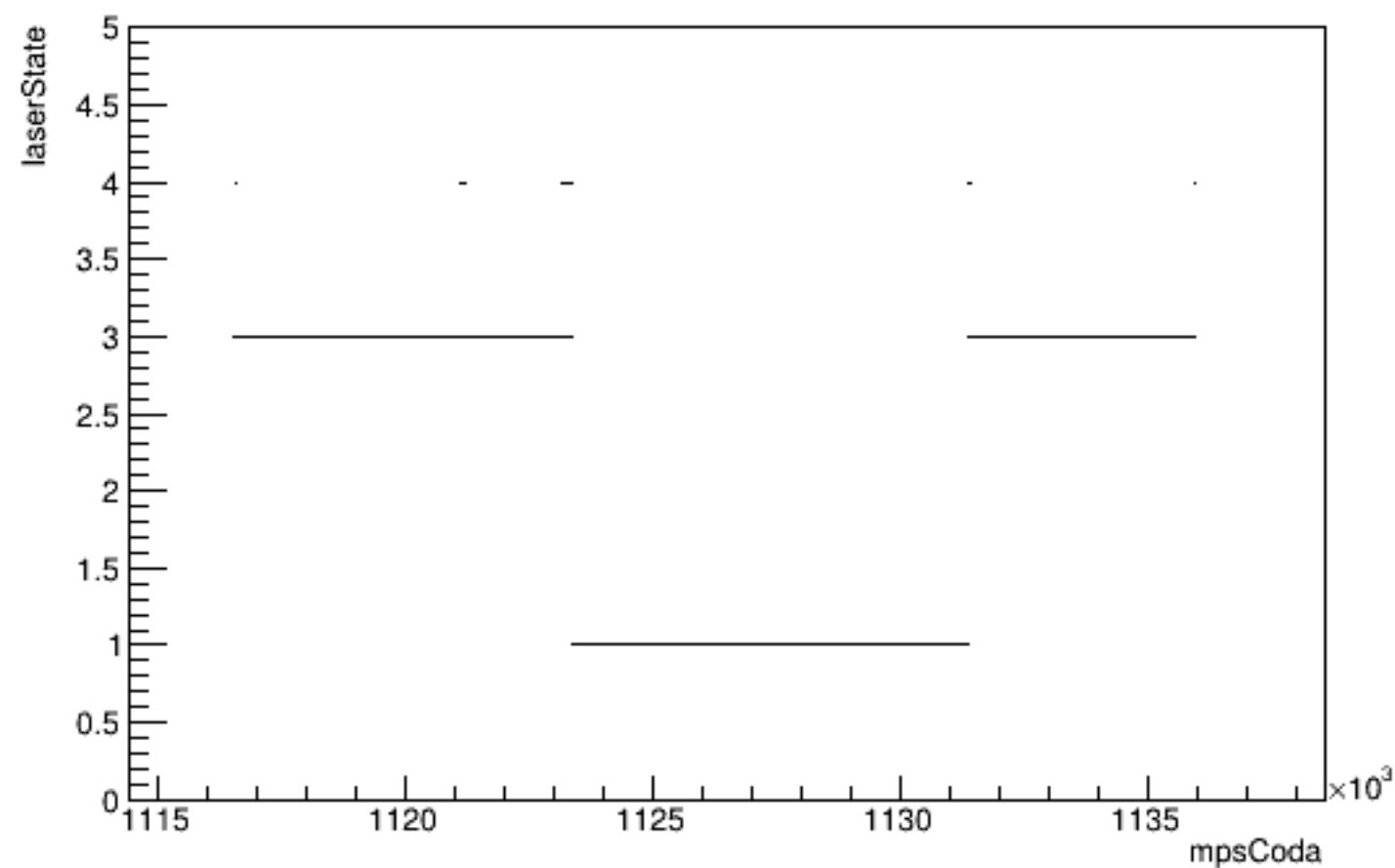
Run 5888 quartetwise, Asyms



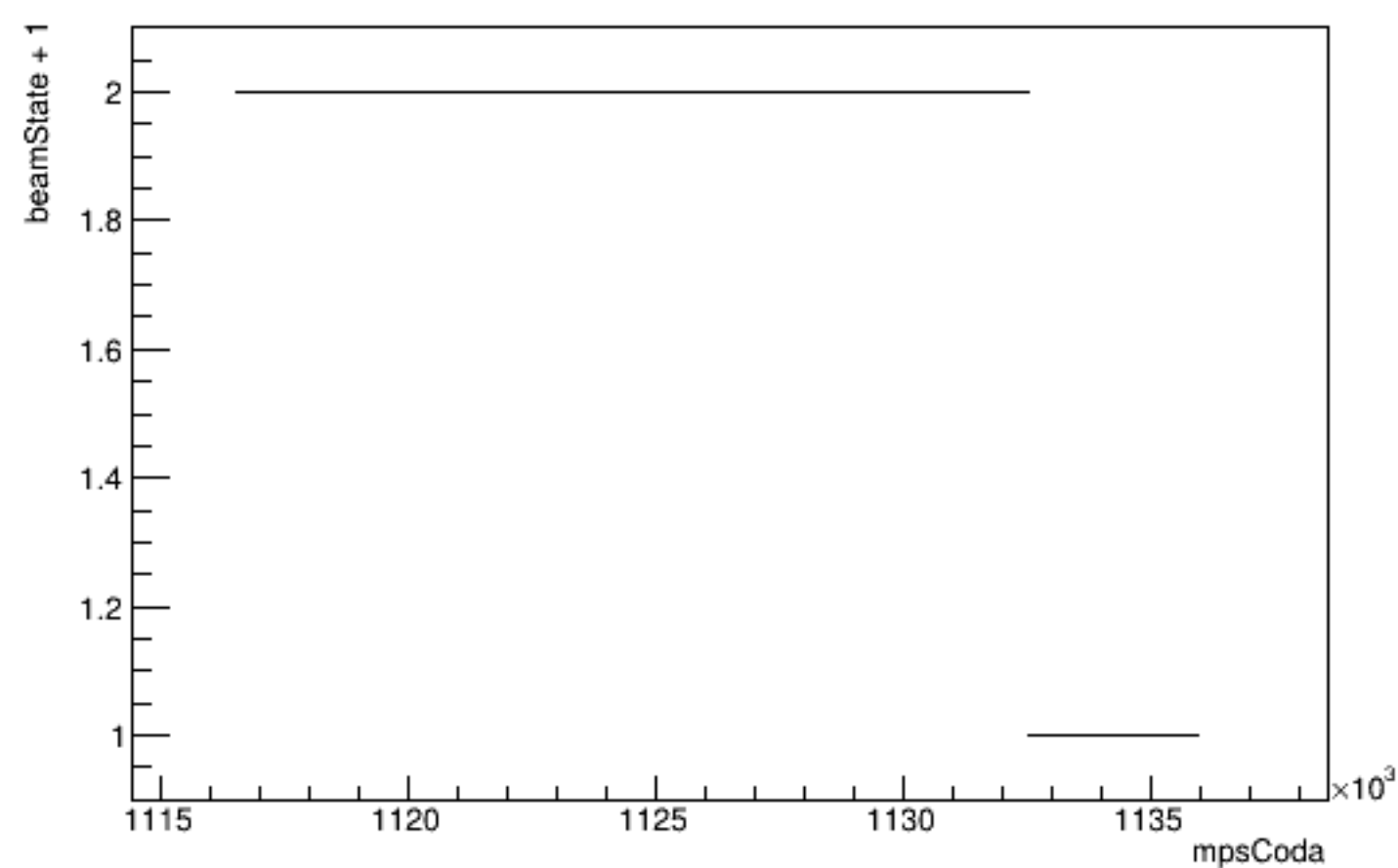
Acc0/NAcc0:mpsCoda (mpsCoda>=1116552 && mpsCoda<=1135955 && beamState==1)



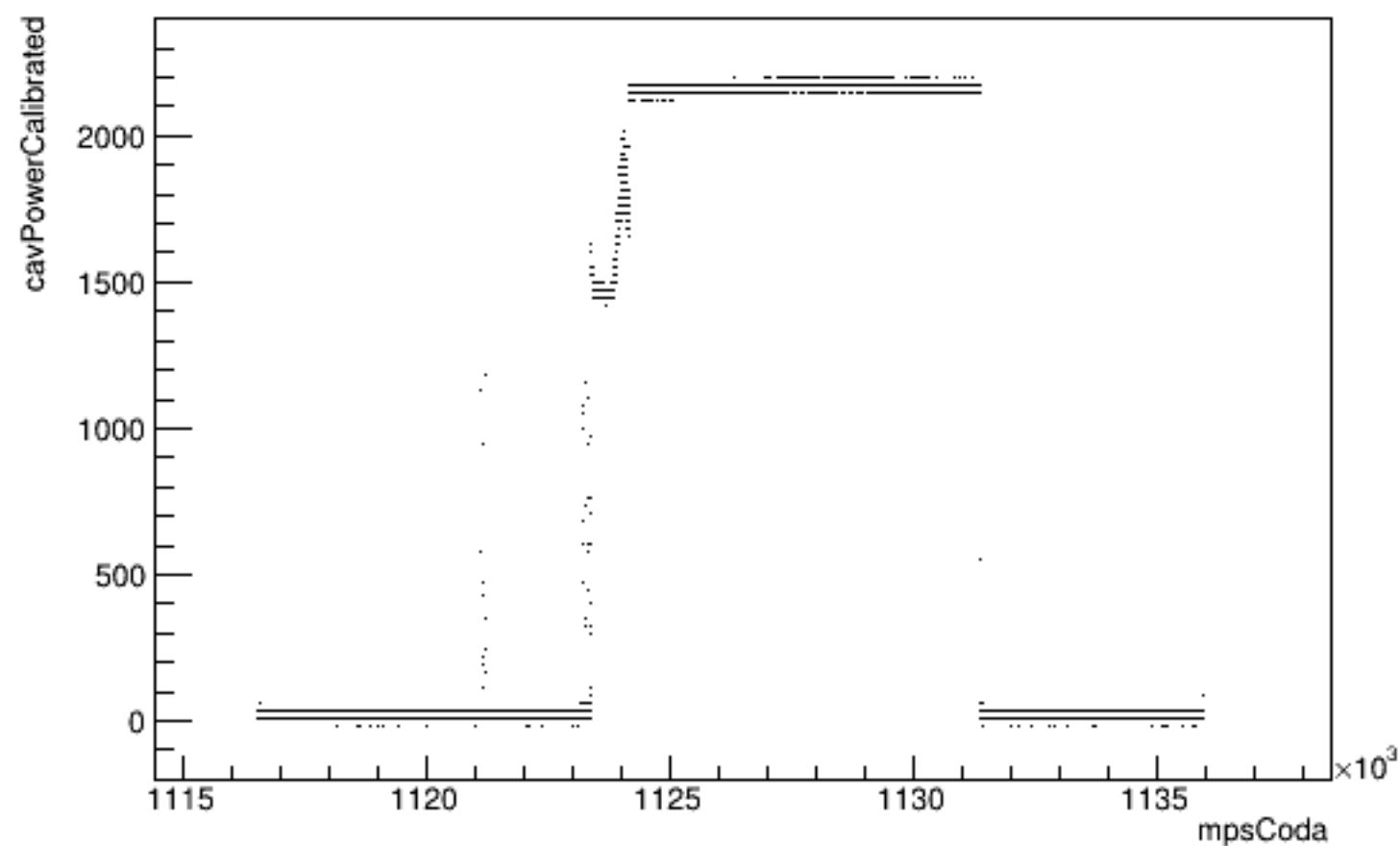
laserState:mpsCoda {mpsCoda>=1116552 && mpsCoda<=1135955}



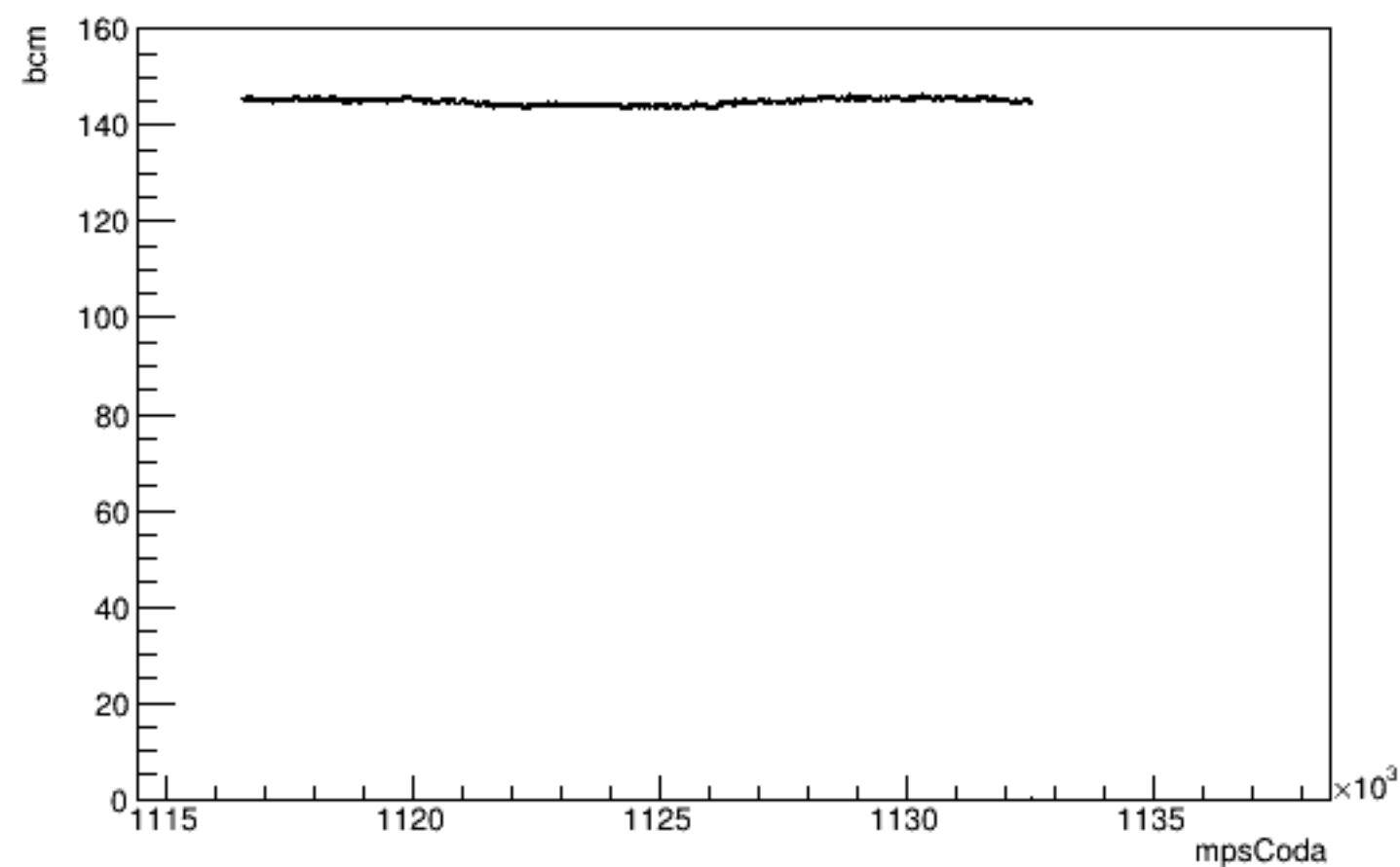
beamState + 1:mpsCoda {mpsCoda>=1116552 && mpsCoda<=1135955}



cavPowerCalibrated:mpsCoda {mpsCoda>=1116552 && mpsCoda<=1135955}



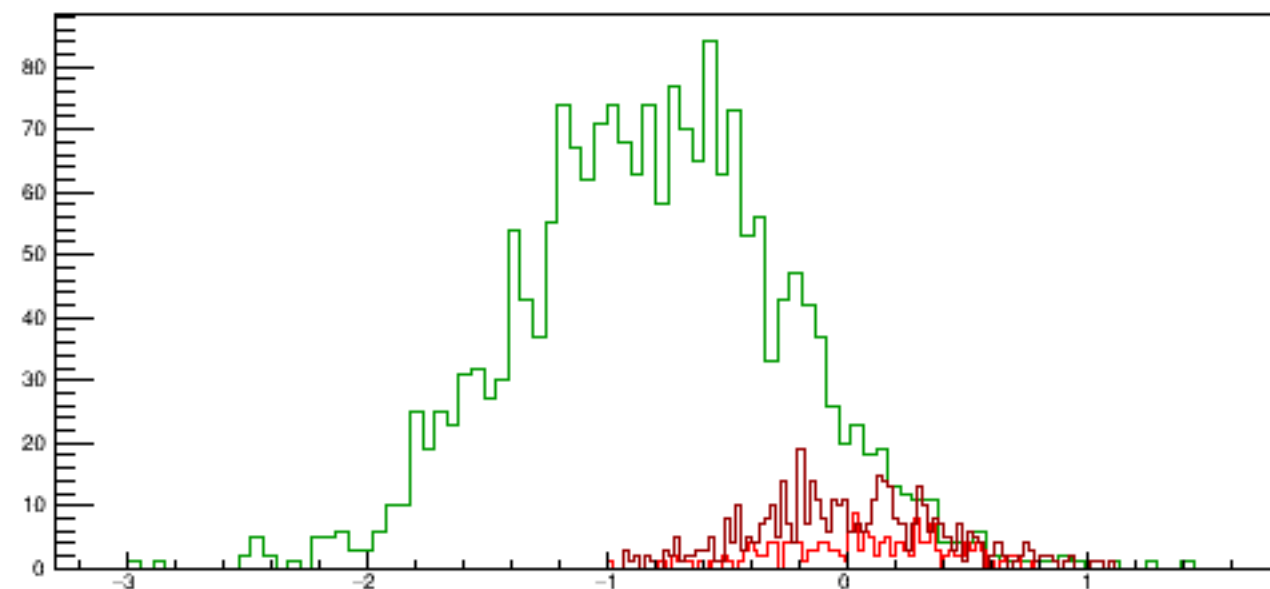
bcm:mpsCoda {mpsCoda>=1116552 && mpsCoda<=1135955}



Cycle 37, Diffs

Entries: 189	Entries: 1999	Entries: 432
Mean: 0.0504 +/- 0.0256	Mean: -0.8121 +/- 0.0126	Mean: 0.0009 +/- 0.0188
Std Dev: 0.3523 +/- 0.0181	Std Dev: 0.5615 +/- 0.0089	Std Dev: 0.3906 +/- 0.0133

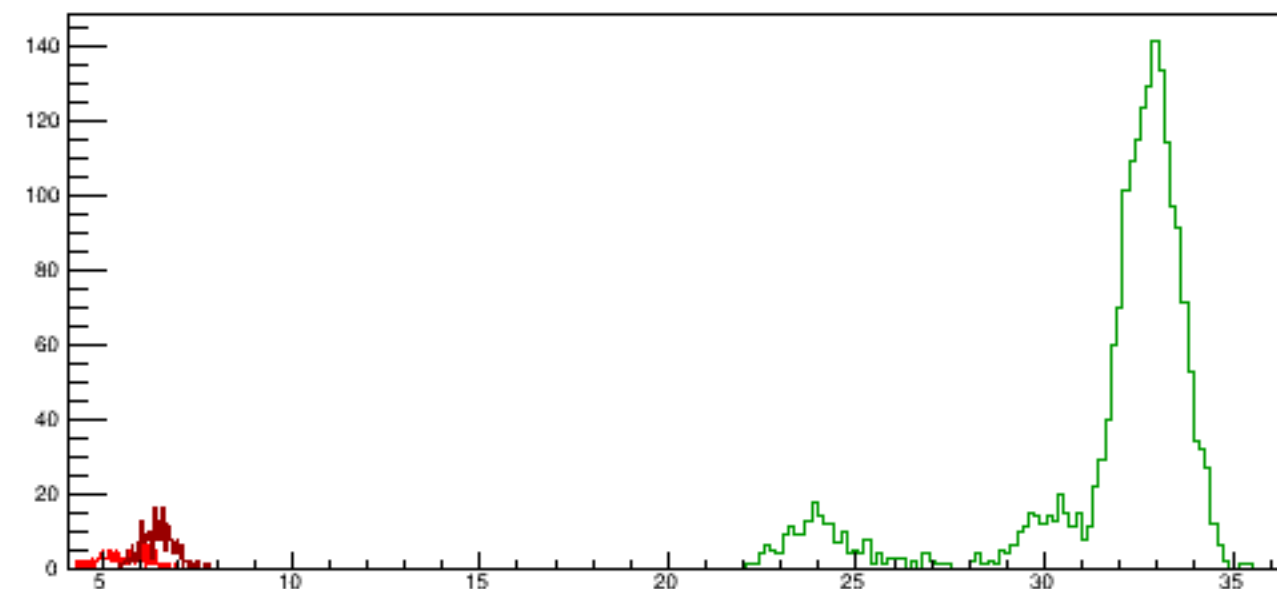
Run 5888 quartetwise, Diffs



Cycle 37, Sums

Entries: 189	Entries: 1999	Entries: 432
Mean: 5.5096 +/- 0.0427	Mean: 31.7708 +/- 0.0605	Mean: 6.4242 +/- 0.0201
Std Dev: 0.5873 +/- 0.0302	Std Dev: 2.7044 +/- 0.0428	Std Dev: 0.4173 +/- 0.0142

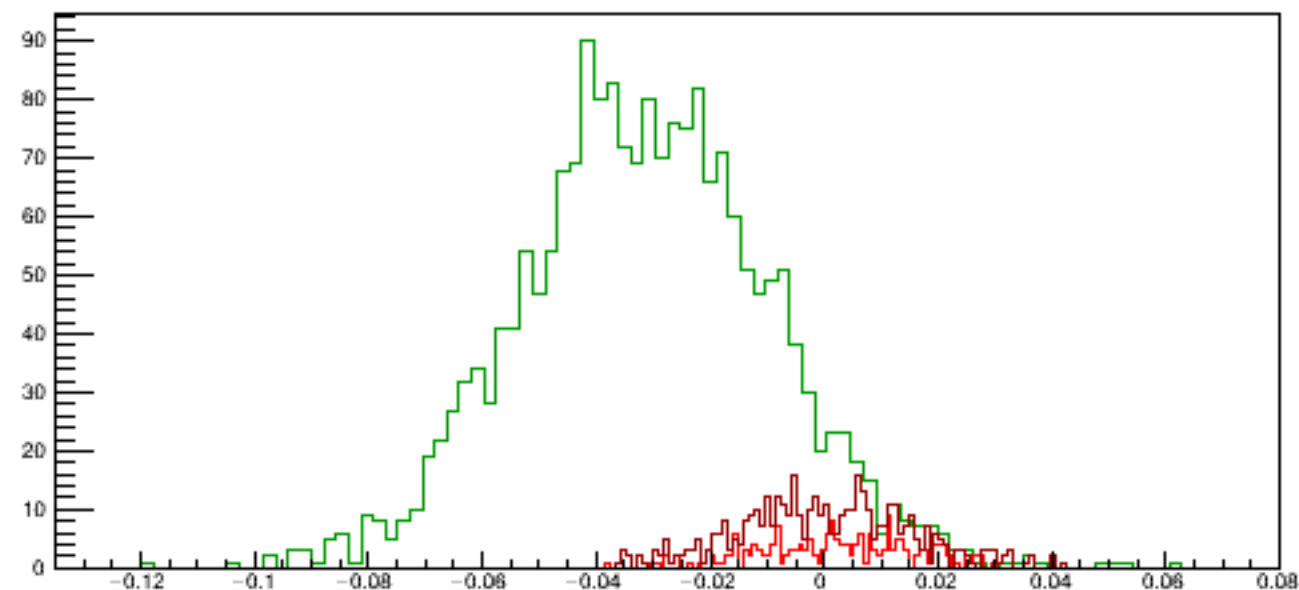
Run 5888 quartetwise, Sums



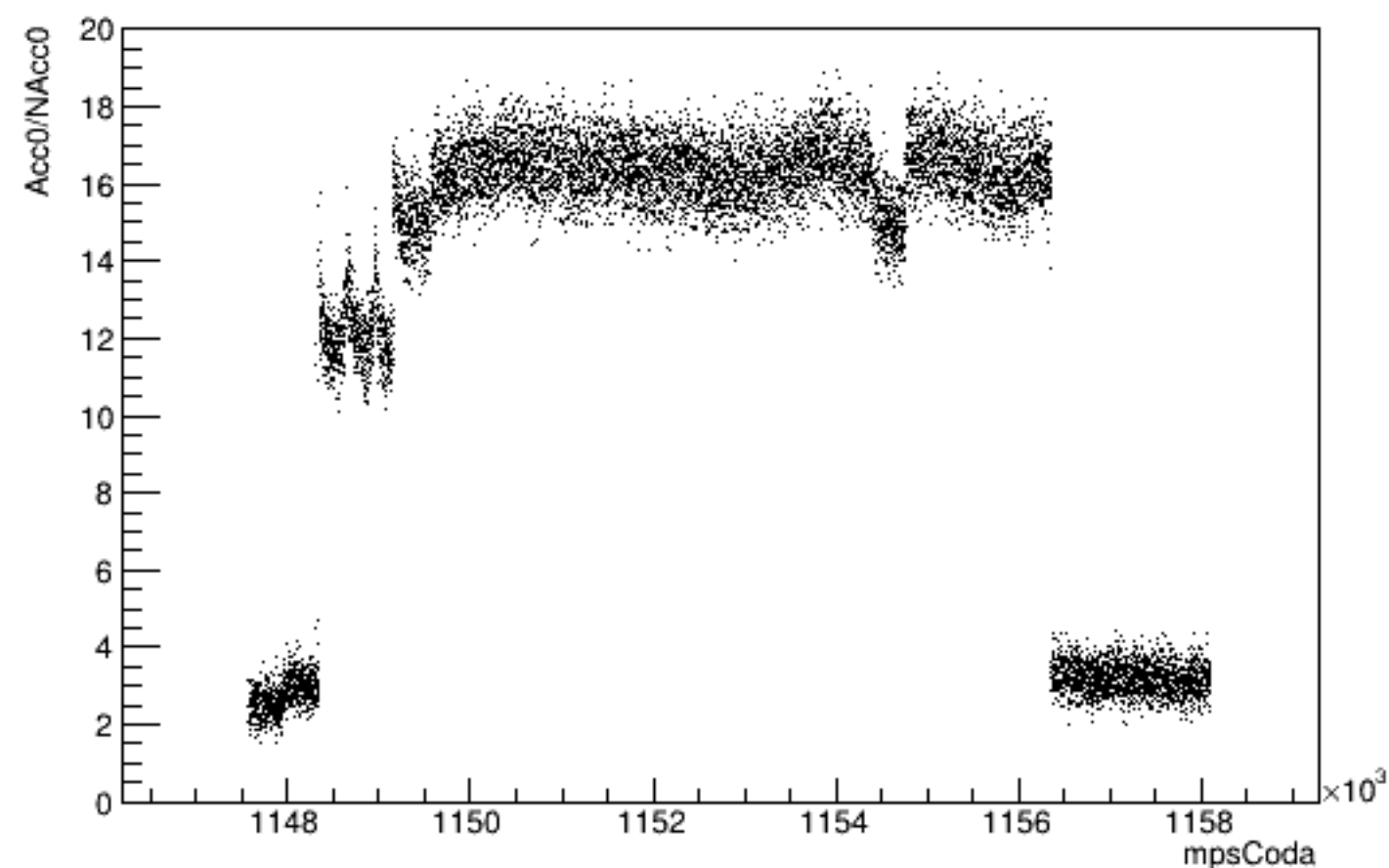
Cycle 37, Asyms

Entries: 189	Entries: 1999	Entries: 432
Mean: 0.0020 +/- 0.0010	Mean: -0.0315 +/- 0.0005	Mean: 0.0000 +/- 0.0007
Std Dev: 0.0137 +/- 0.0007	Std Dev: 0.0219 +/- 0.0003	Std Dev: 0.0151 +/- 0.0005

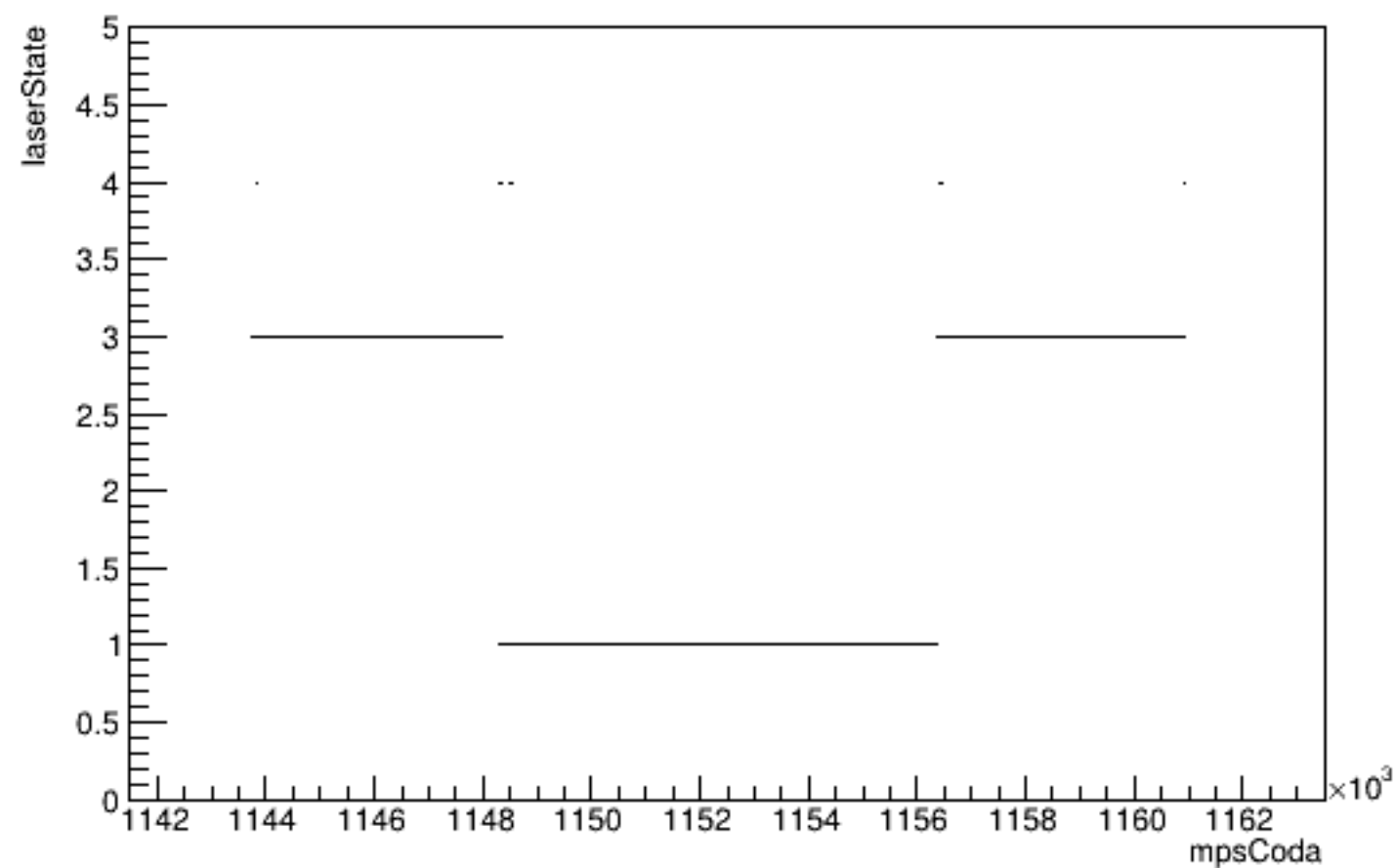
Run 5888 quartetwise, Asyms



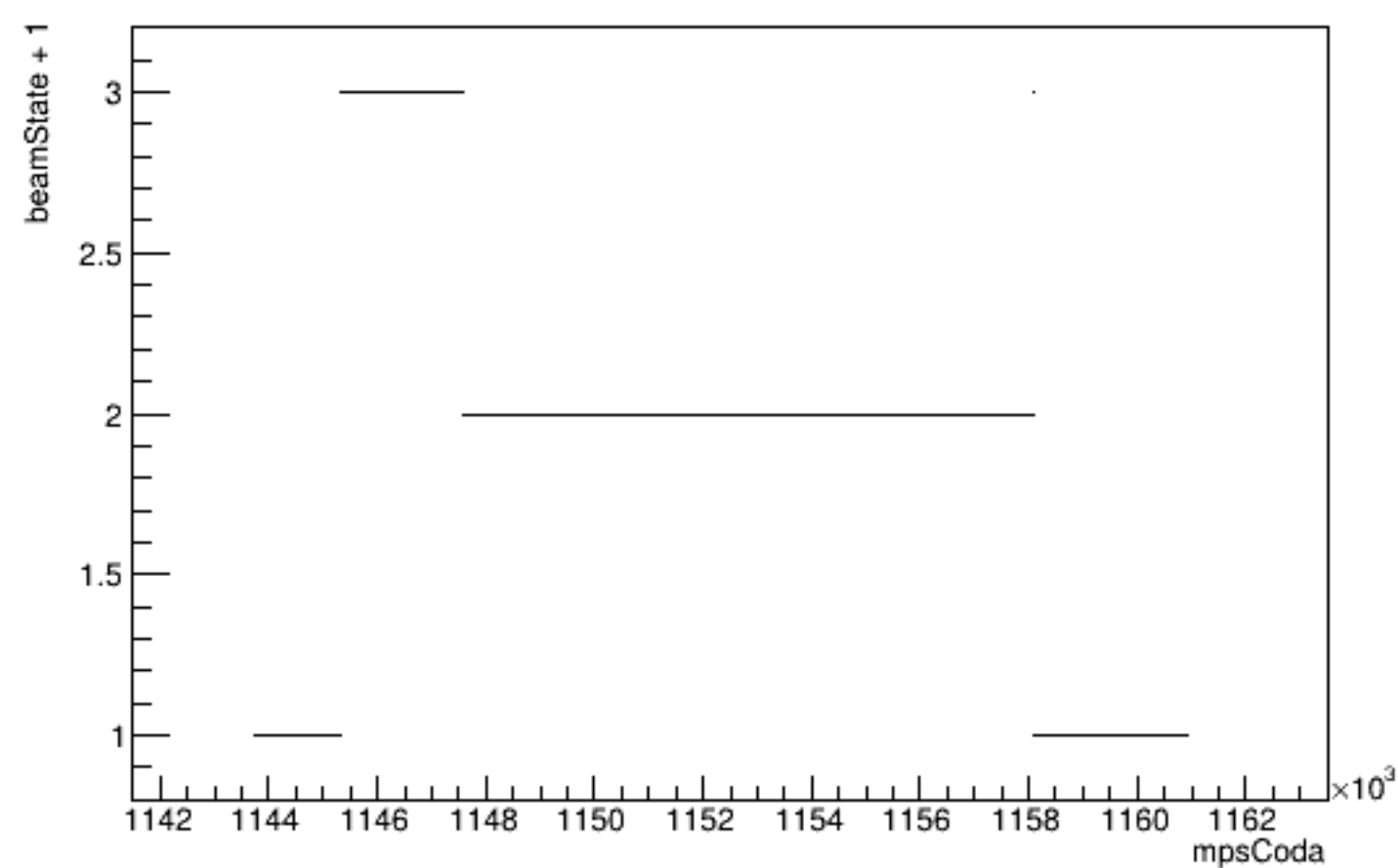
Acc0/NAcc0:mpsCoda (mpsCoda>=1143740 && mpsCoda<=1160927 && beamState==1)



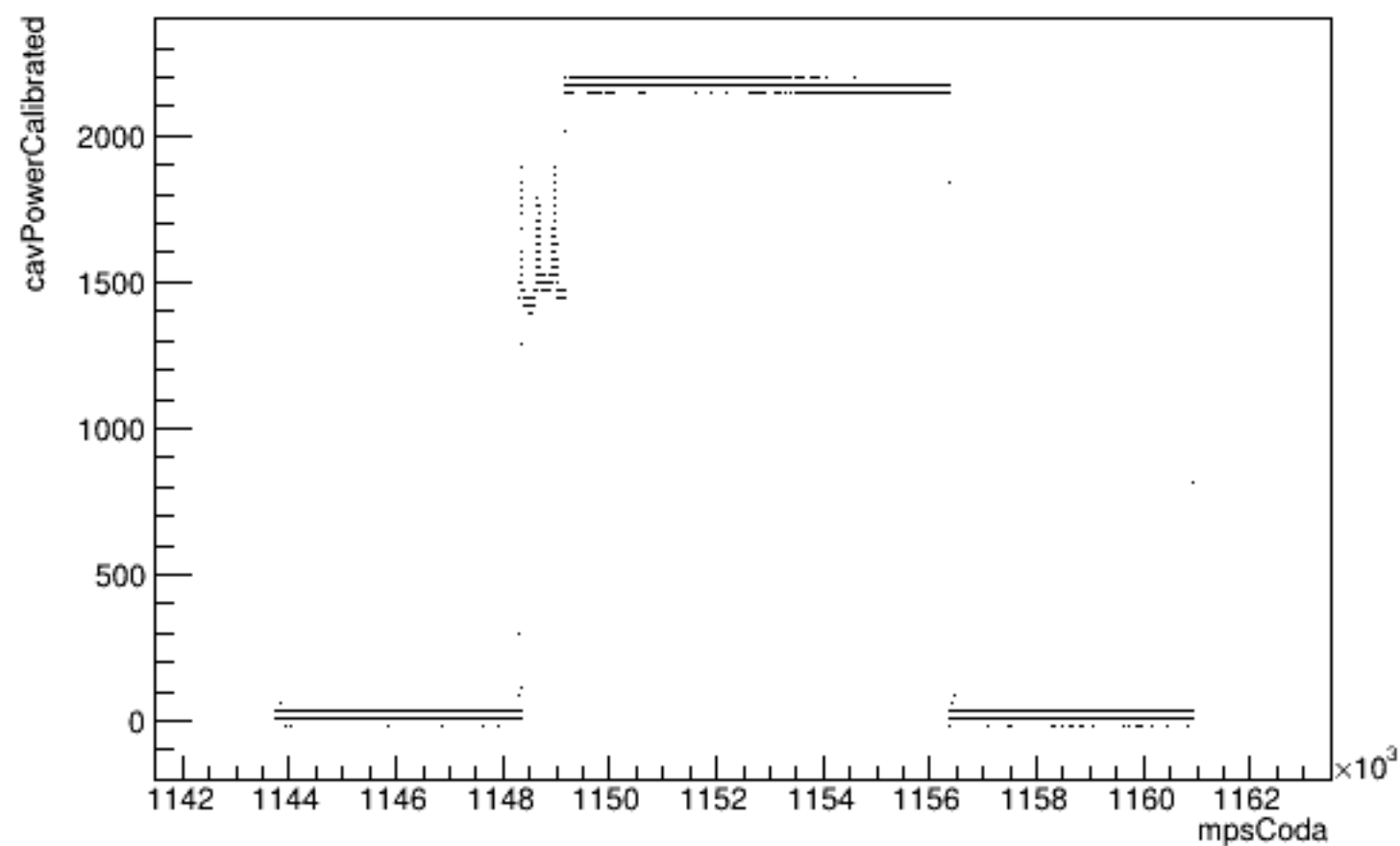
laserState:mpsCoda {mpsCoda>=1143740 && mpsCoda<=1160927}



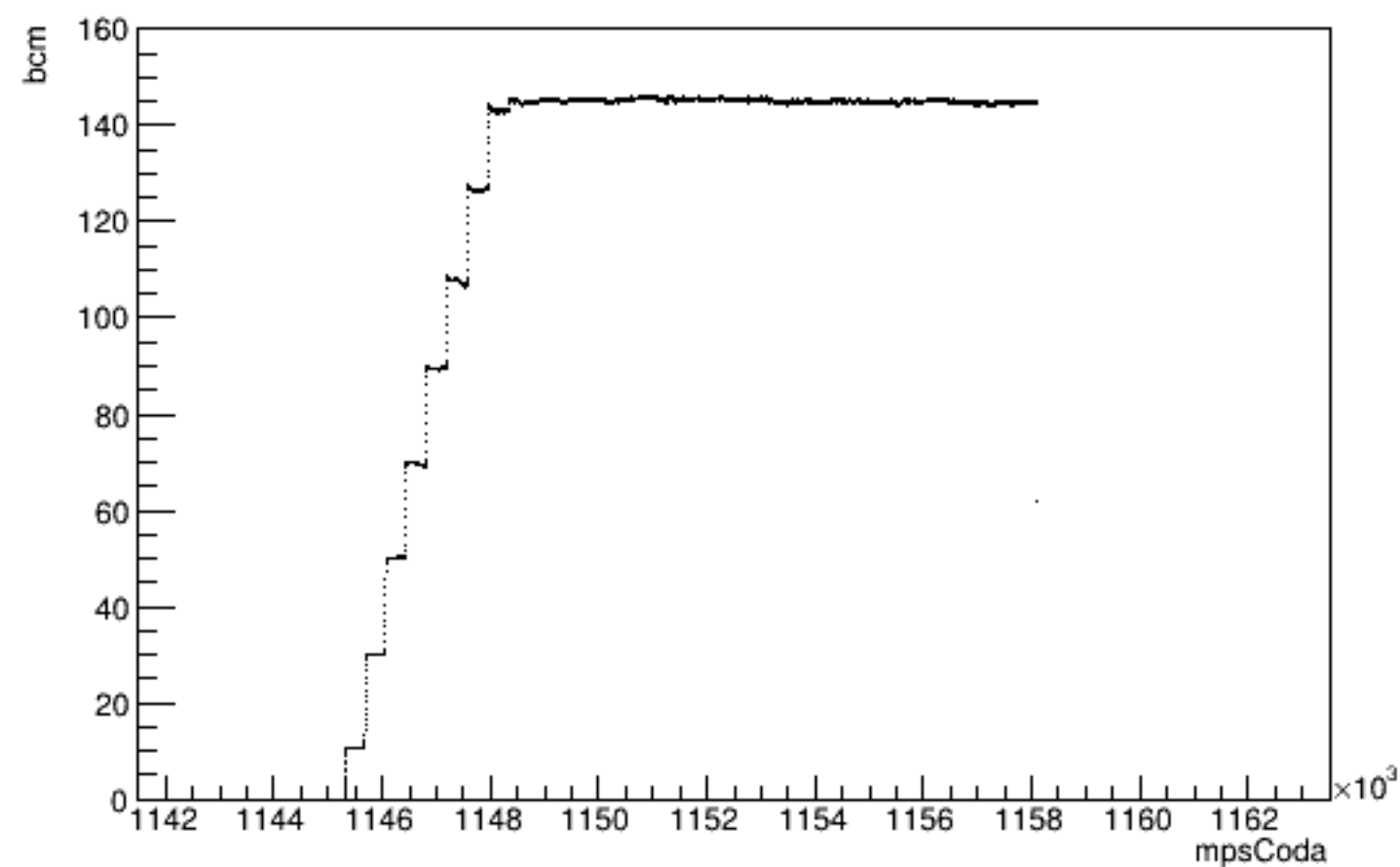
beamState + 1:mpsCoda {mpsCoda>=1143740 && mpsCoda<=1160927}



cavPowerCalibrated:mpsCoda {mpsCoda>=1143740 && mpsCoda<=1160927}



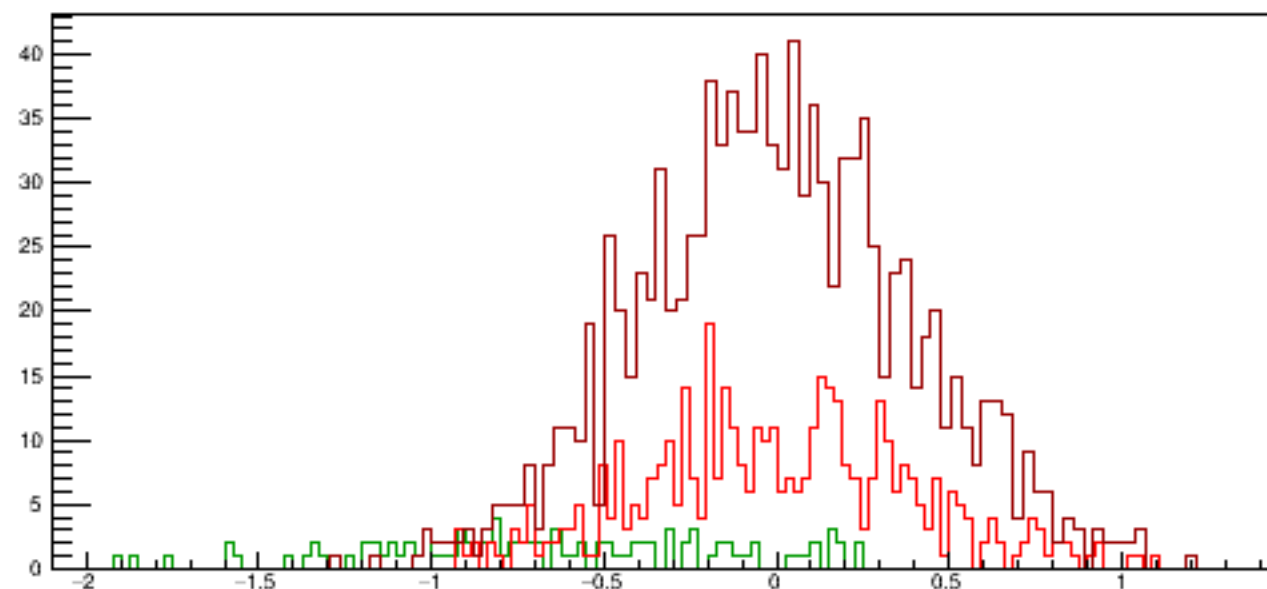
bcm:mpsCoda {mpsCoda>=1143740 && mpsCoda<=1160927}



Cycle 38, Diffs

Entries: 432	Entries: 99	Entries: 1144
Mean: 0.0009 +/- 0.0188	Mean: -0.6594 +/- 0.0509	Mean: -0.0010 +/- 0.0116
Std Dev: 0.3906 +/- 0.0133	Std Dev: 0.5067 +/- 0.0360	Std Dev: 0.3911 +/- 0.0082

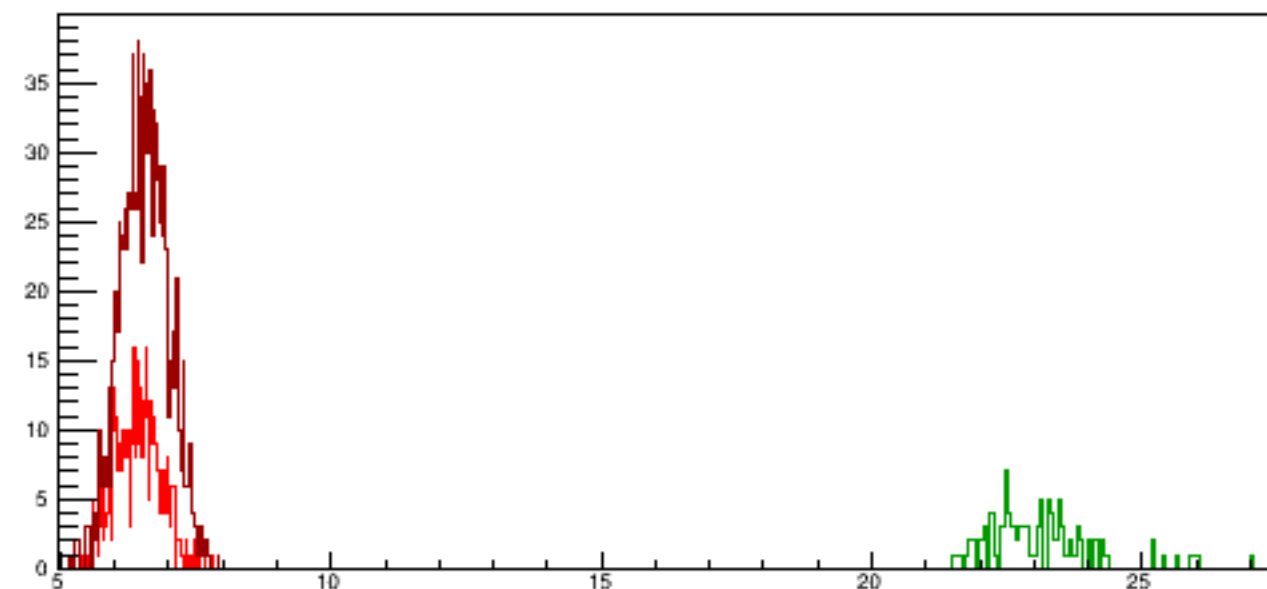
Run 5888 quartetwise, Diffs



Cycle 38, Sums

Entries: 432	Entries: 99	Entries: 1144
Mean: 6.4242 +/- 0.0201	Mean: 23.1674 +/- 0.1041	Mean: 6.5616 +/- 0.0128
Std Dev: 0.4173 +/- 0.0142	Std Dev: 1.0357 +/- 0.0736	Std Dev: 0.4341 +/- 0.0091

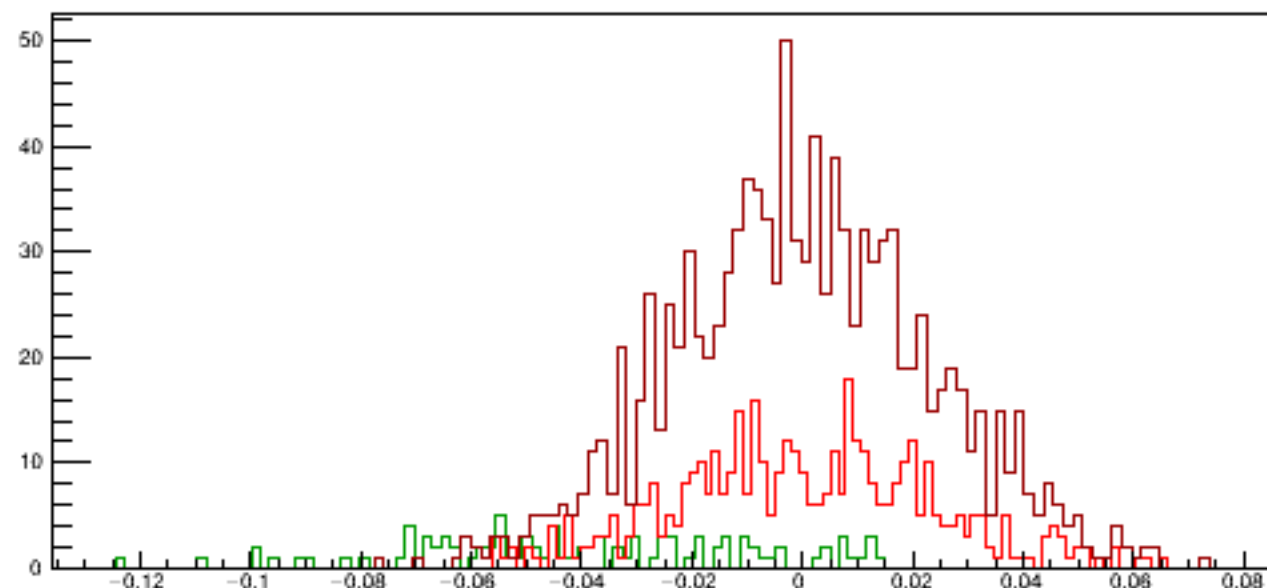
Run 5888 quartetwise, Sums



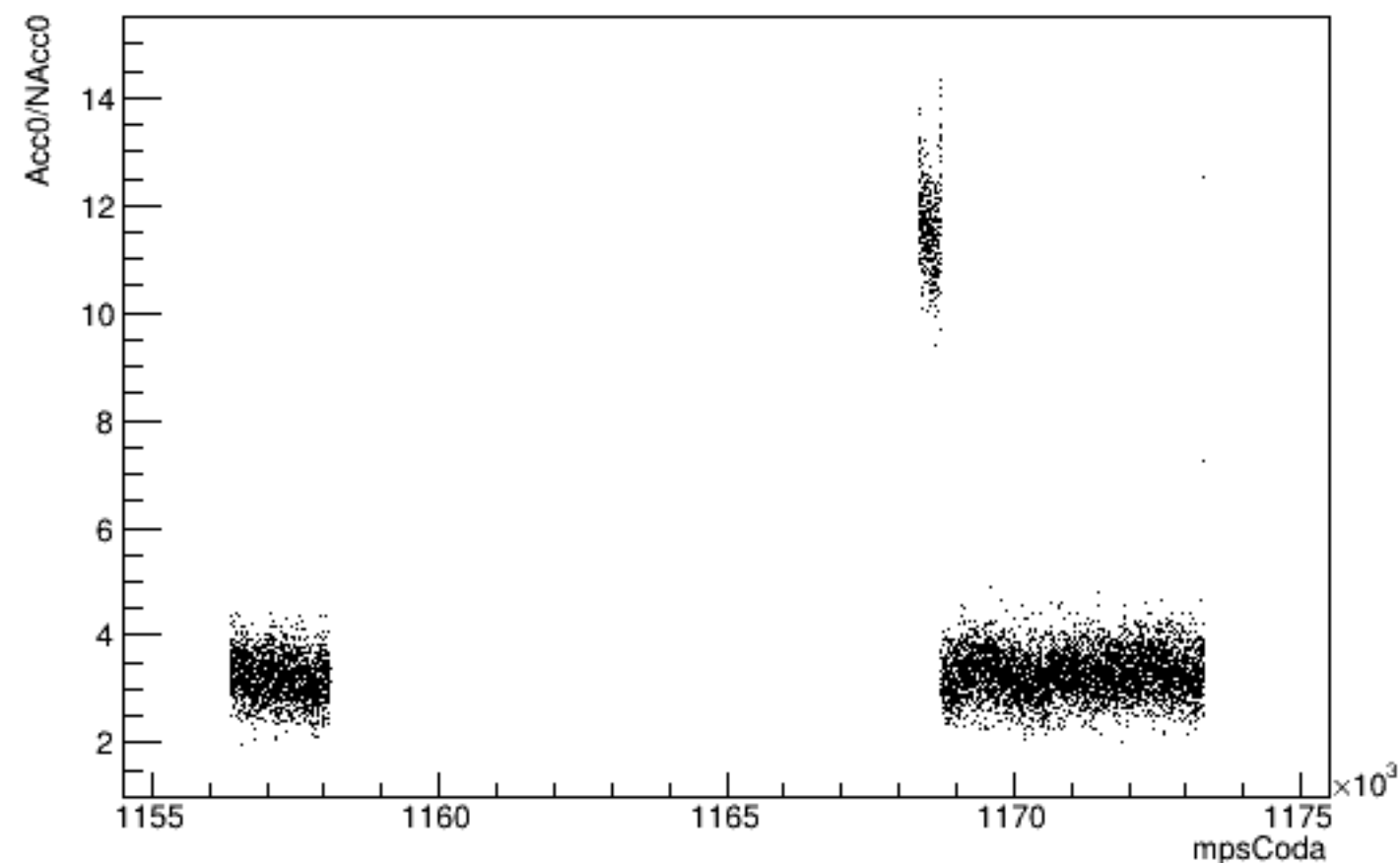
Cycle 38, Asyms

Entries: 432	Entries: 99	Entries: 1144
Mean: 0.0001 +/- 0.0011	Mean: -0.0396 +/- 0.0031	Mean: -0.0001 +/- 0.0007
Std Dev: 0.0234 +/- 0.0008	Std Dev: 0.0304 +/- 0.0022	Std Dev: 0.0235 +/- 0.0005

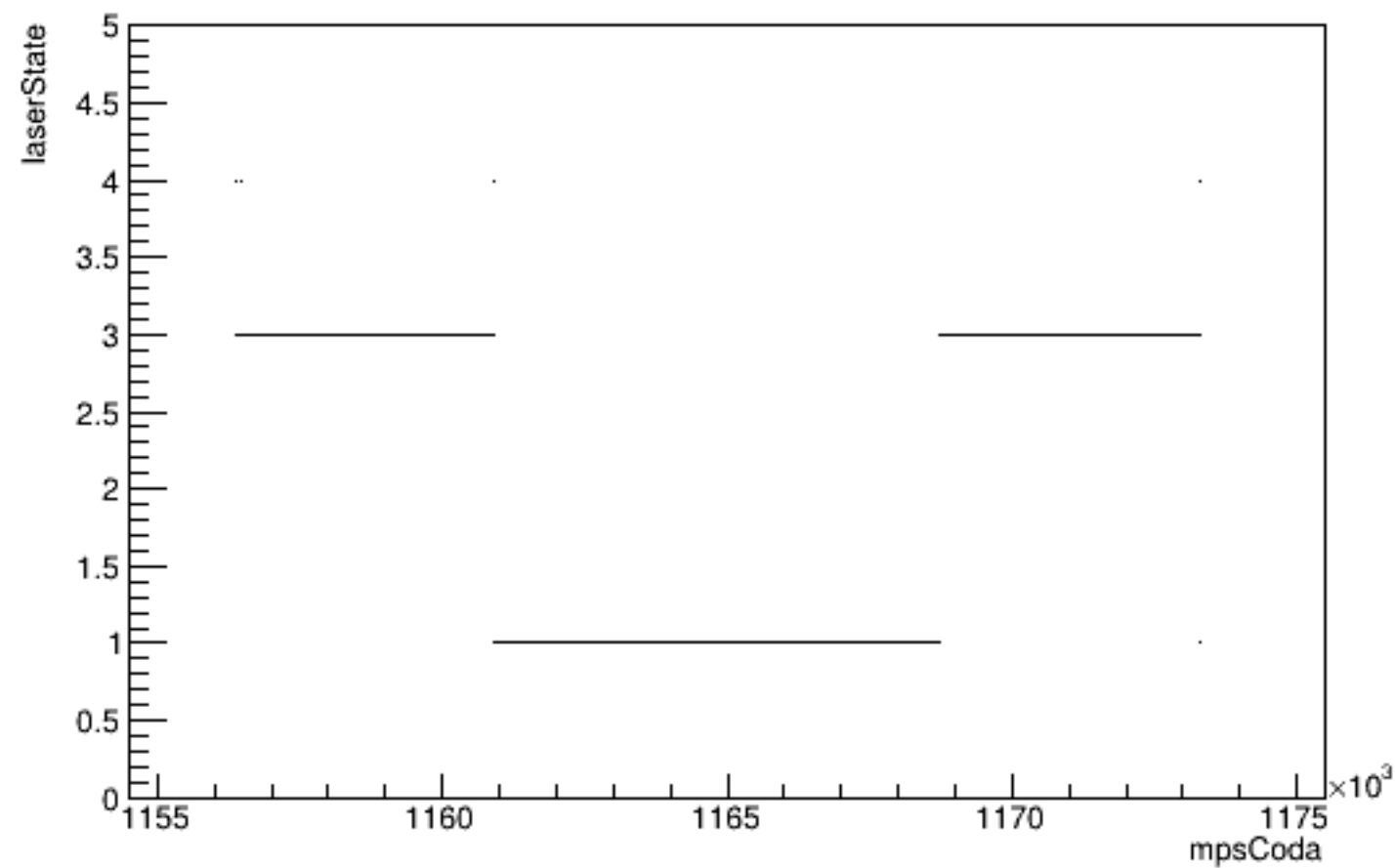
Run 5888 quartetwise, Asyms



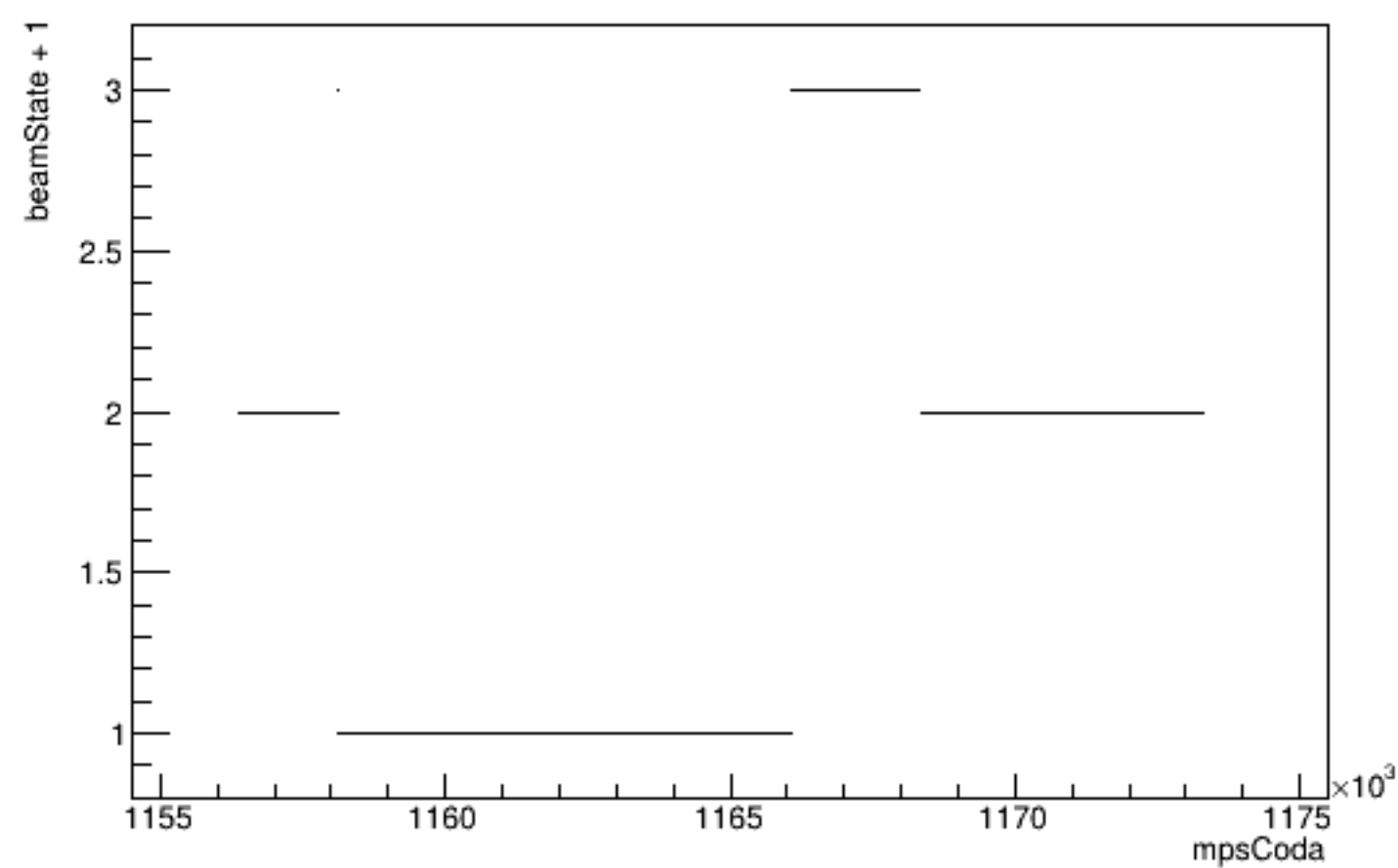
Acc0/NAcc0:mpsCoda (mpsCoda>=1156360 && mpsCoda<=1173315 && beamState==1)



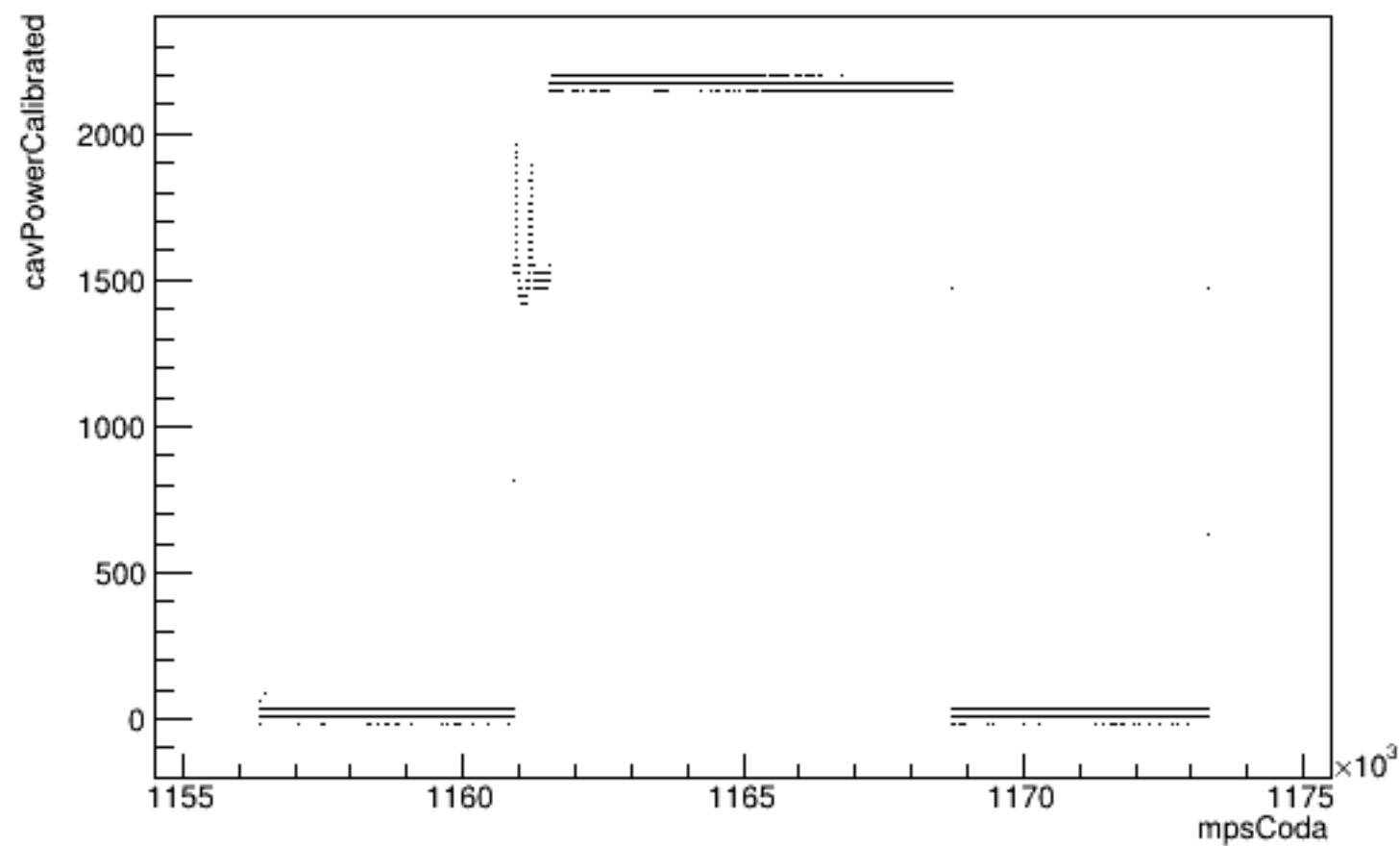
laserState:mpsCoda {mpsCoda>=1156360 && mpsCoda<=1173315}



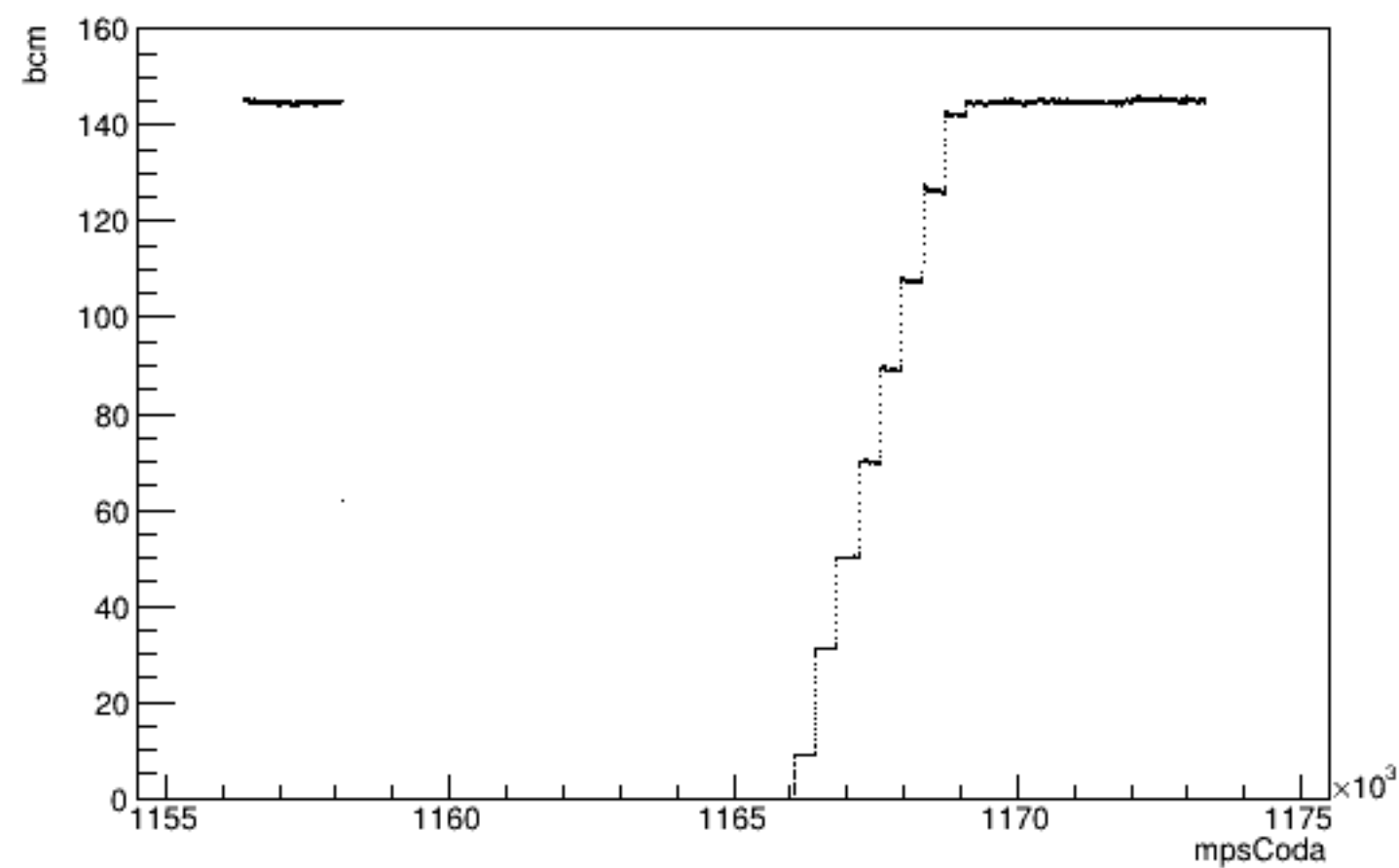
beamState + 1:mpsCoda {mpsCoda>=1156360 && mpsCoda<=1173315}



cavPowerCalibrated:mpsCoda {mpsCoda>=1156360 && mpsCoda<=1173315}



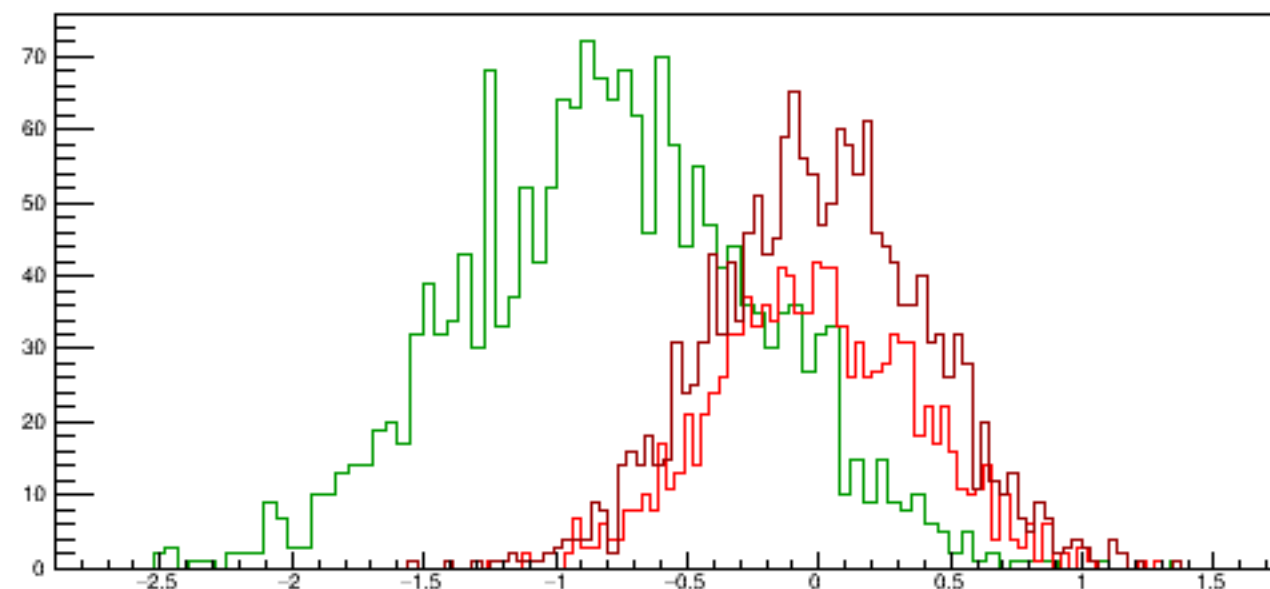
bcm:mpsCoda {mpsCoda>=1156360 && mpsCoda<=1173315}



Cycle 39, Diffs

Entries: 1143	Entries: 1878	Entries: 1656
Mean: -0.0182 +/- 0.0115	Mean: -0.7840 +/- 0.0129	Mean: 0.0002 +/- 0.0100
Std Dev: 0.3882 +/- 0.0081	Std Dev: 0.5590 +/- 0.0091	Std Dev: 0.4080 +/- 0.0071

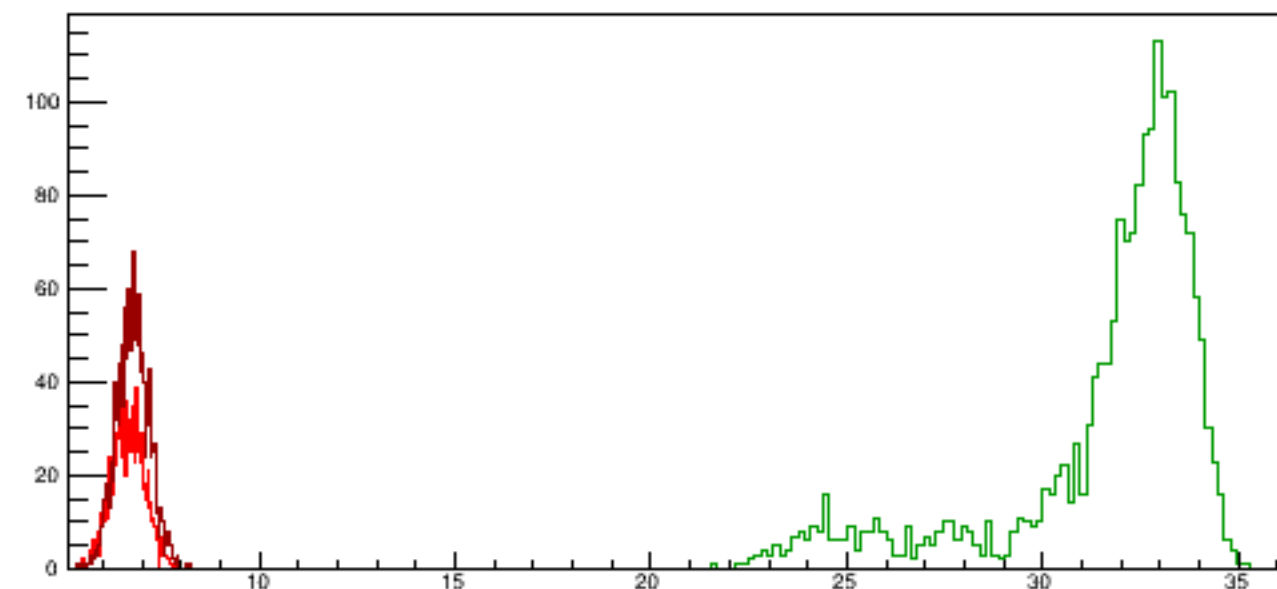
Run 5888 quartetwise, Diffs



Cycle 39, Sums

Entries: 1143	Entries: 1878	Entries: 1656
Mean: 6.6424 +/- 0.0123	Mean: 31.6365 +/- 0.0612	Mean: 6.7588 +/- 0.0101
Std Dev: 0.4172 +/- 0.0087	Std Dev: 2.6533 +/- 0.0433	Std Dev: 0.4128 +/- 0.0072

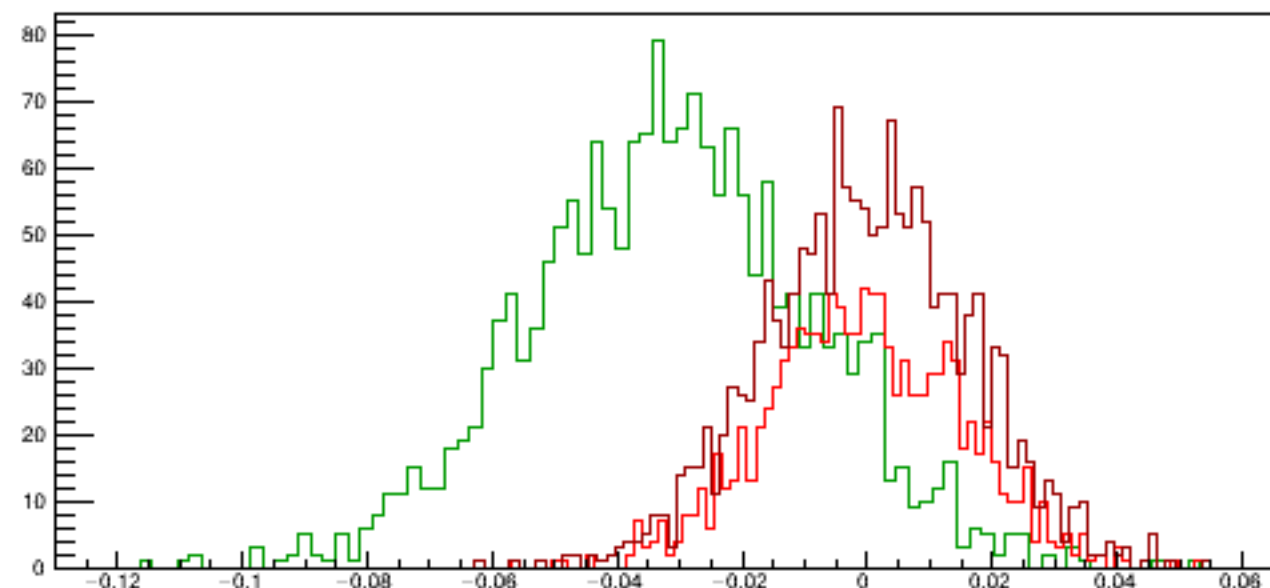
Run 5888 quartetwise, Sums



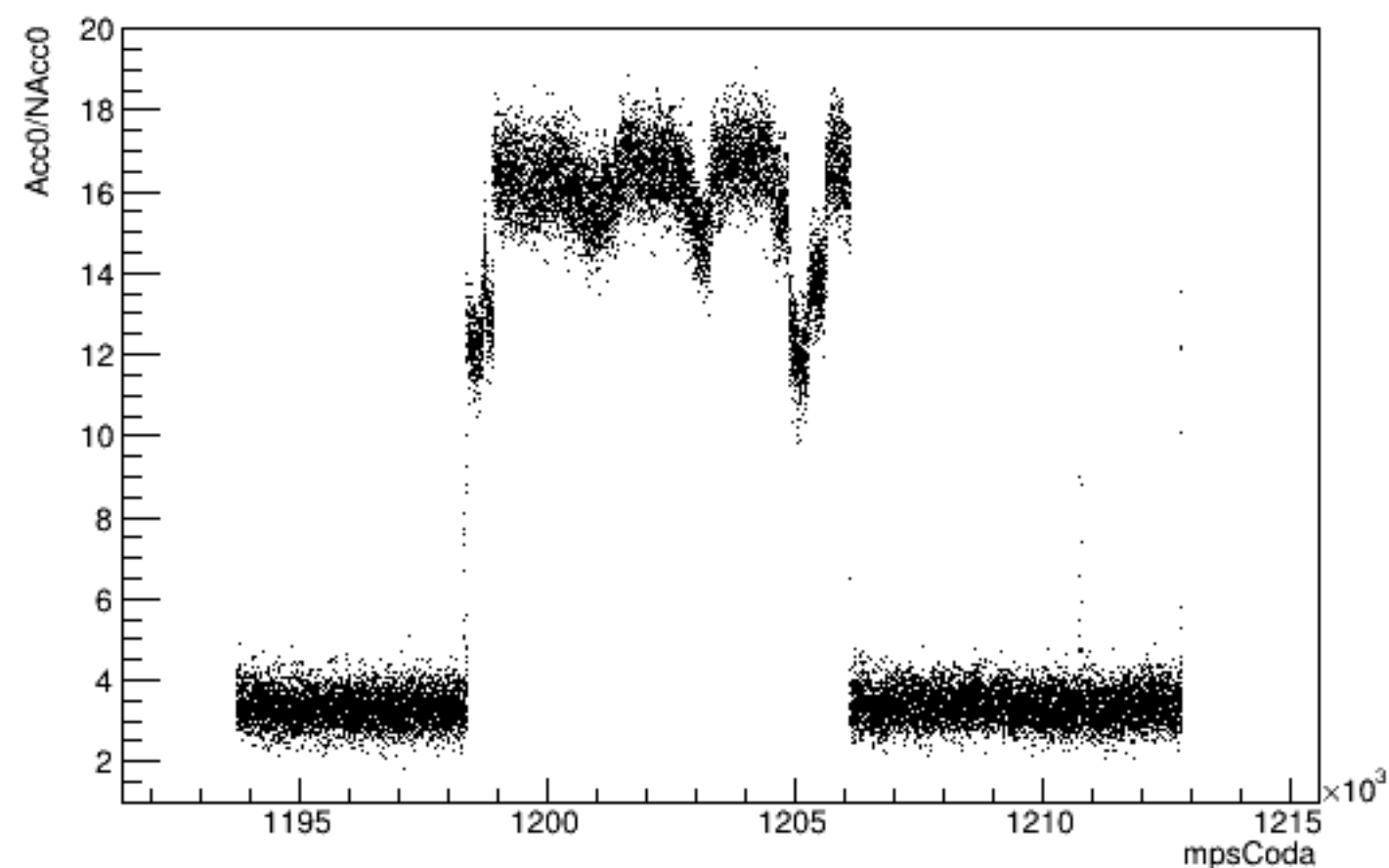
Cycle 39, Asyms

Entries: 1143	Entries: 1878	Entries: 1656
Mean: -0.0007 +/- 0.0005	Mean: -0.0314 +/- 0.0005	Mean: 0.0000 +/- 0.0004
Std Dev: 0.0156 +/- 0.0003	Std Dev: 0.0226 +/- 0.0004	Std Dev: 0.0164 +/- 0.0003

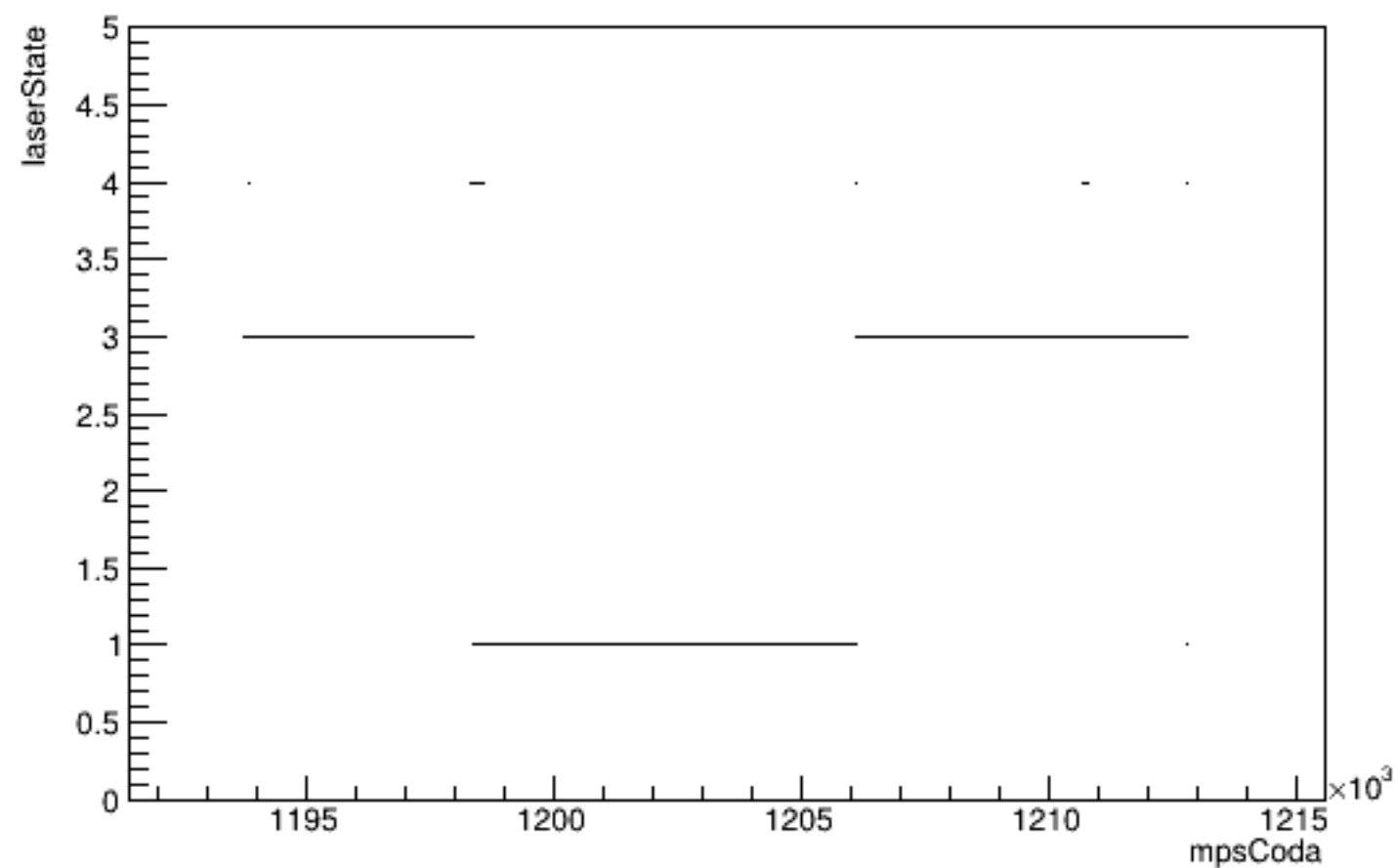
Run 5888 quartetwise, Asyms



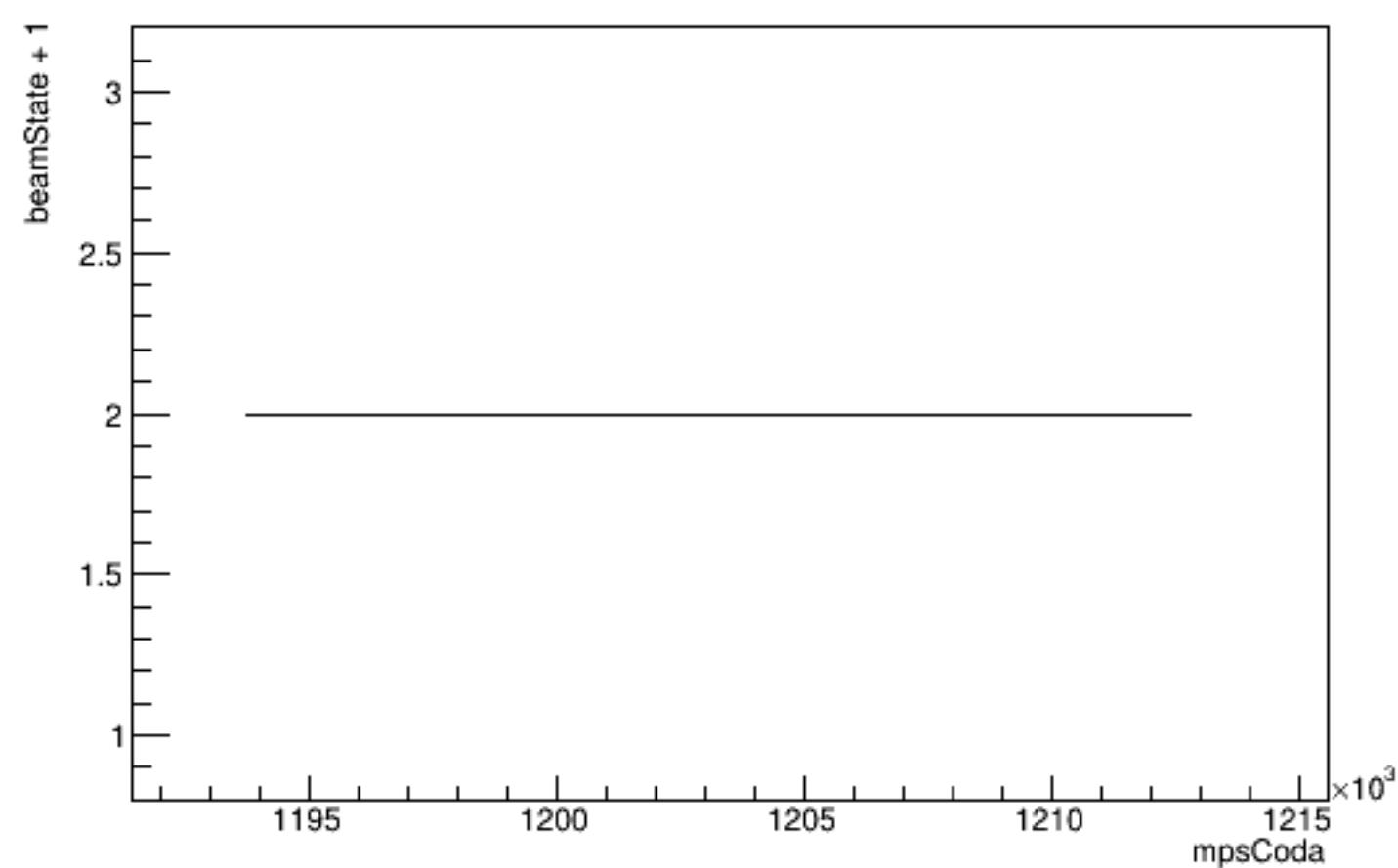
Acc0/NAcc0:mpsCoda (mpsCoda>=1193740 && mpsCoda<=1212803 && beamState==1)



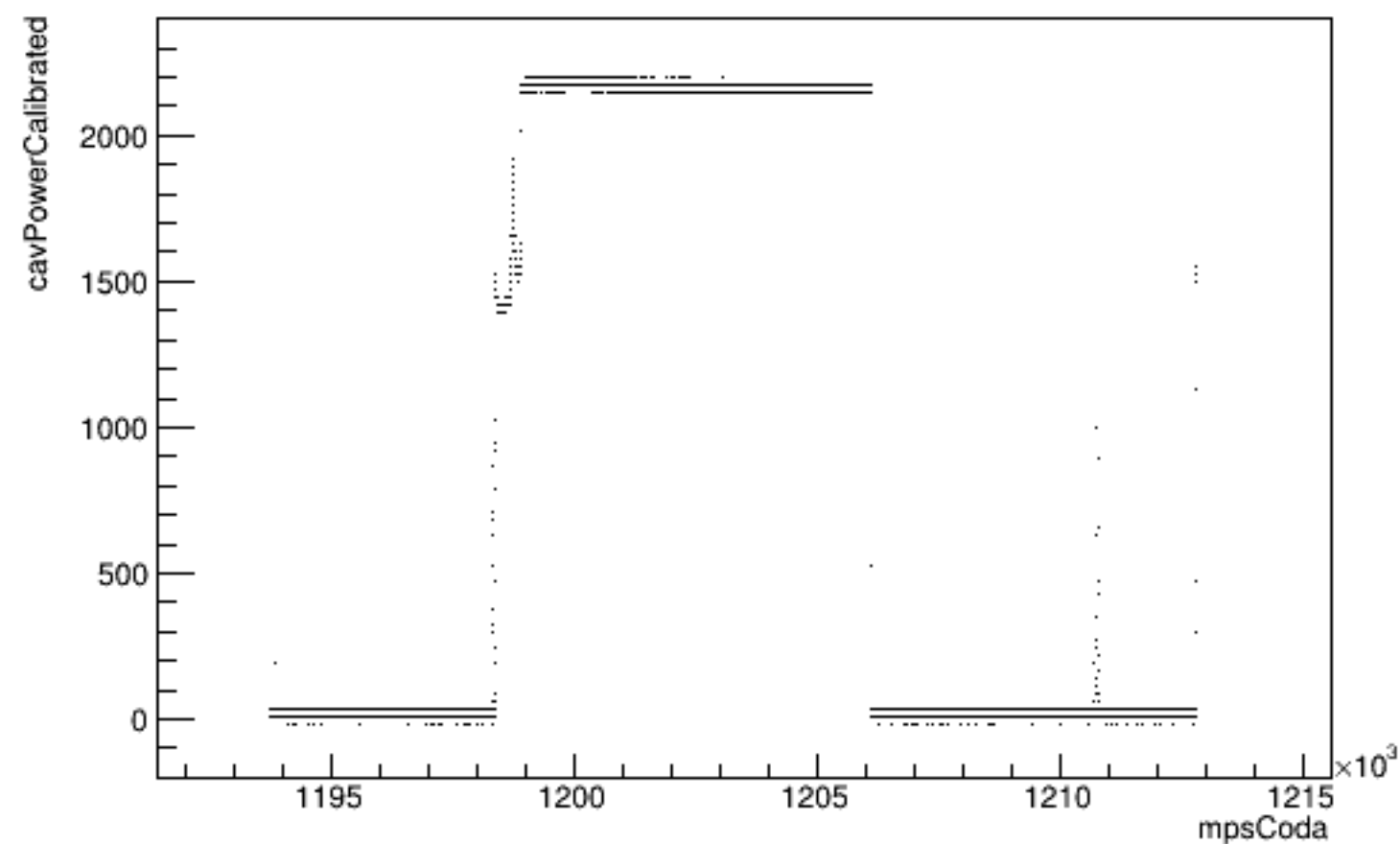
laserState:mpsCoda {mpsCoda>=1193740 && mpsCoda<=1212803}



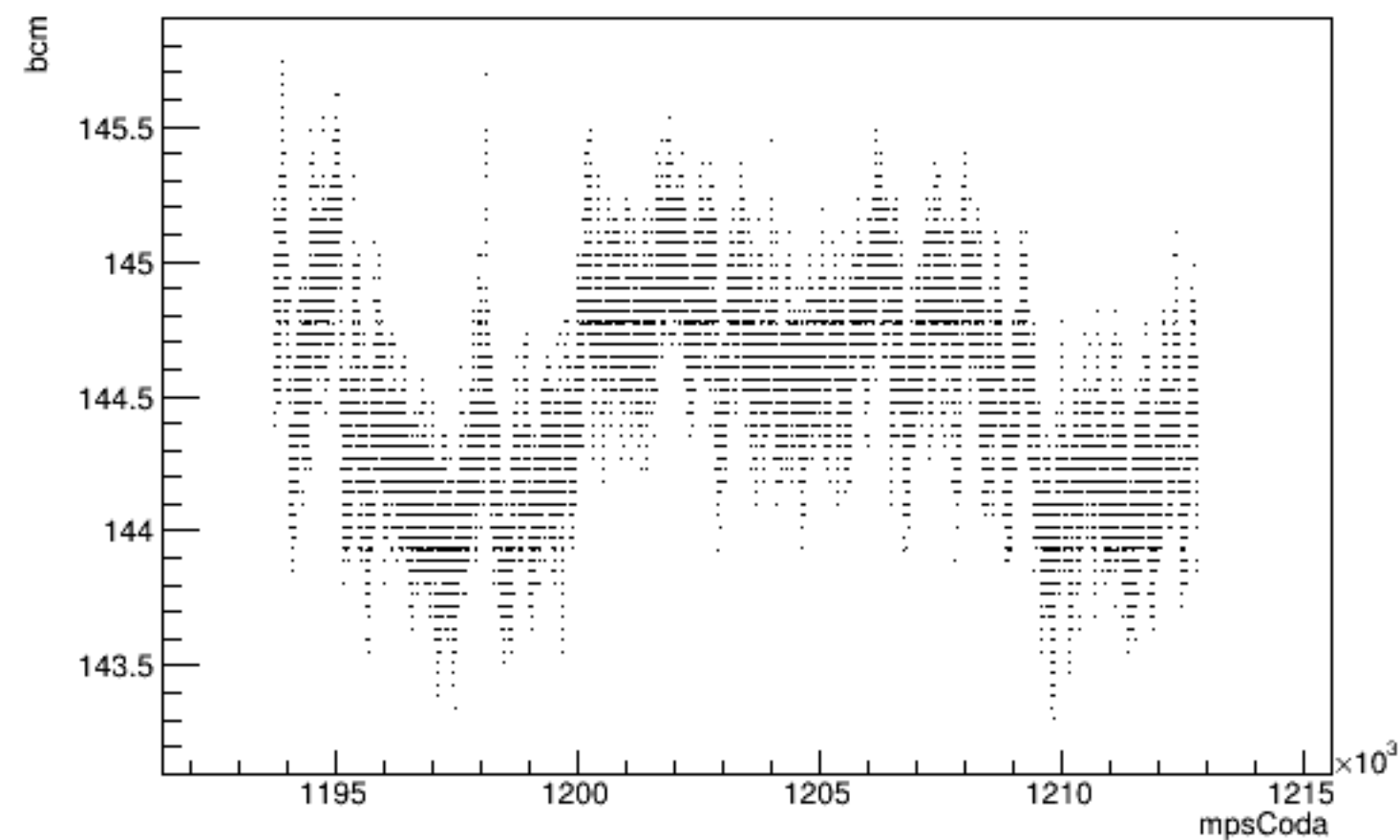
beamState + 1:mpsCoda {mpsCoda>=1193740 && mpsCoda<=1212803}



cavPowerCalibrated:mpsCoda {mpsCoda>=1193740 && mpsCoda<=1212803}



bcm:mpsCoda {mpsCoda>=1193740 && mpsCoda<=1212803}



Cycle 40, Diffs

Entries: 1660

Mean: 0.0098 +/- 0.0099

Std Dev: 0.4049 +/- 0.0070

Entries: 1905

Mean: -0.7967 +/- 0.0129

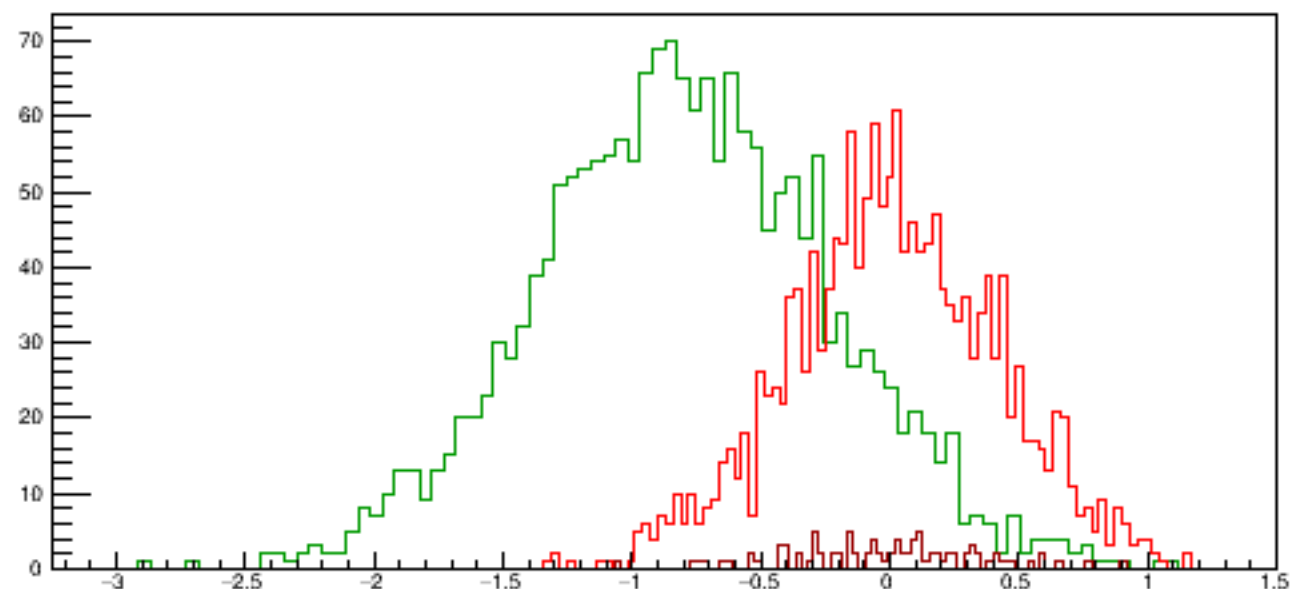
Std Dev: 0.5651 +/- 0.0092

Entries: 93

Mean: -0.0200 +/- 0.0369

Std Dev: 0.3557 +/- 0.0261

Run 5888 quartetwise, Diffs



Cycle 40, Sums

Entries: 1660

Mean: 6.6367 +/- 0.0104

Std Dev: 0.4242 +/- 0.0074

Entries: 1905

Mean: 31.8355 +/- 0.0565

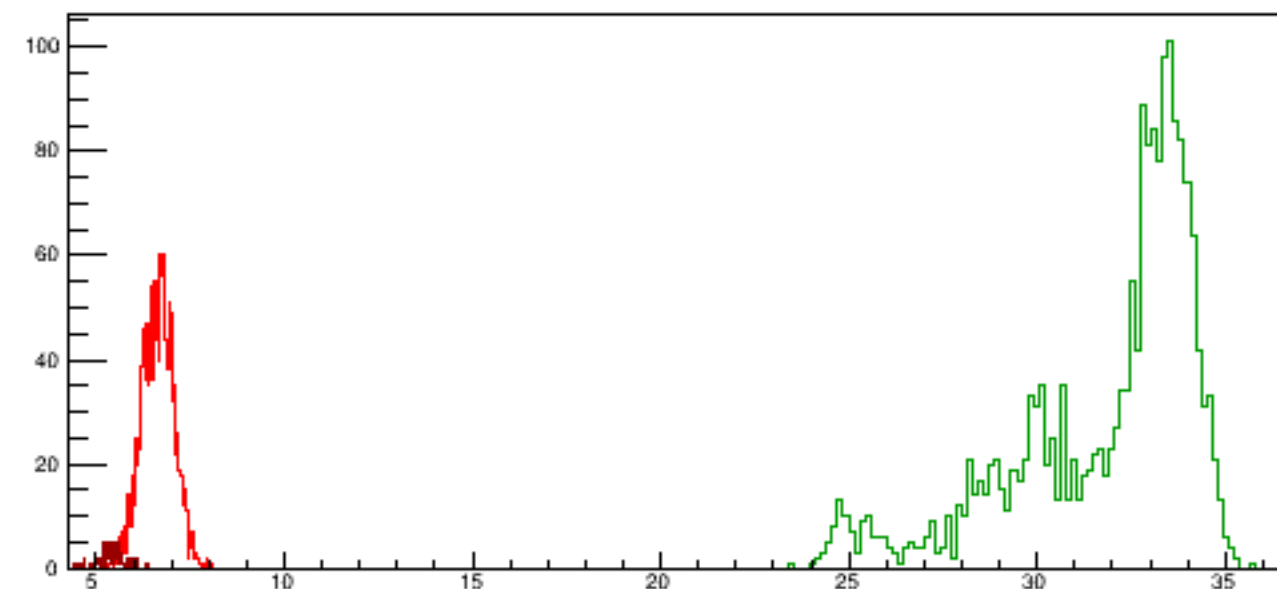
Std Dev: 2.4648 +/- 0.0399

Entries: 93

Mean: 5.3814 +/- 0.0412

Std Dev: 0.3974 +/- 0.0291

Run 5888 quartetwise, Sums



Cycle 40, Asyms

Entries: 1660

Mean: 0.0004 +/- 0.0004

Std Dev: 0.0157 +/- 0.0003

Entries: 1905

Mean: -0.0309 +/- 0.0005

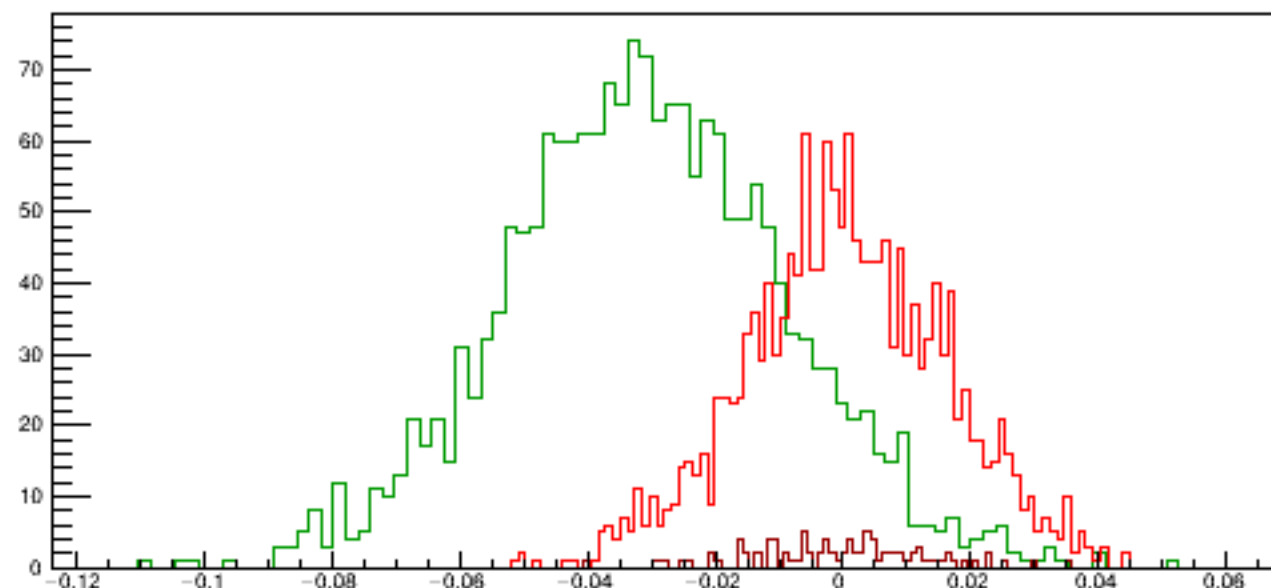
Std Dev: 0.0219 +/- 0.0004

Entries: 93

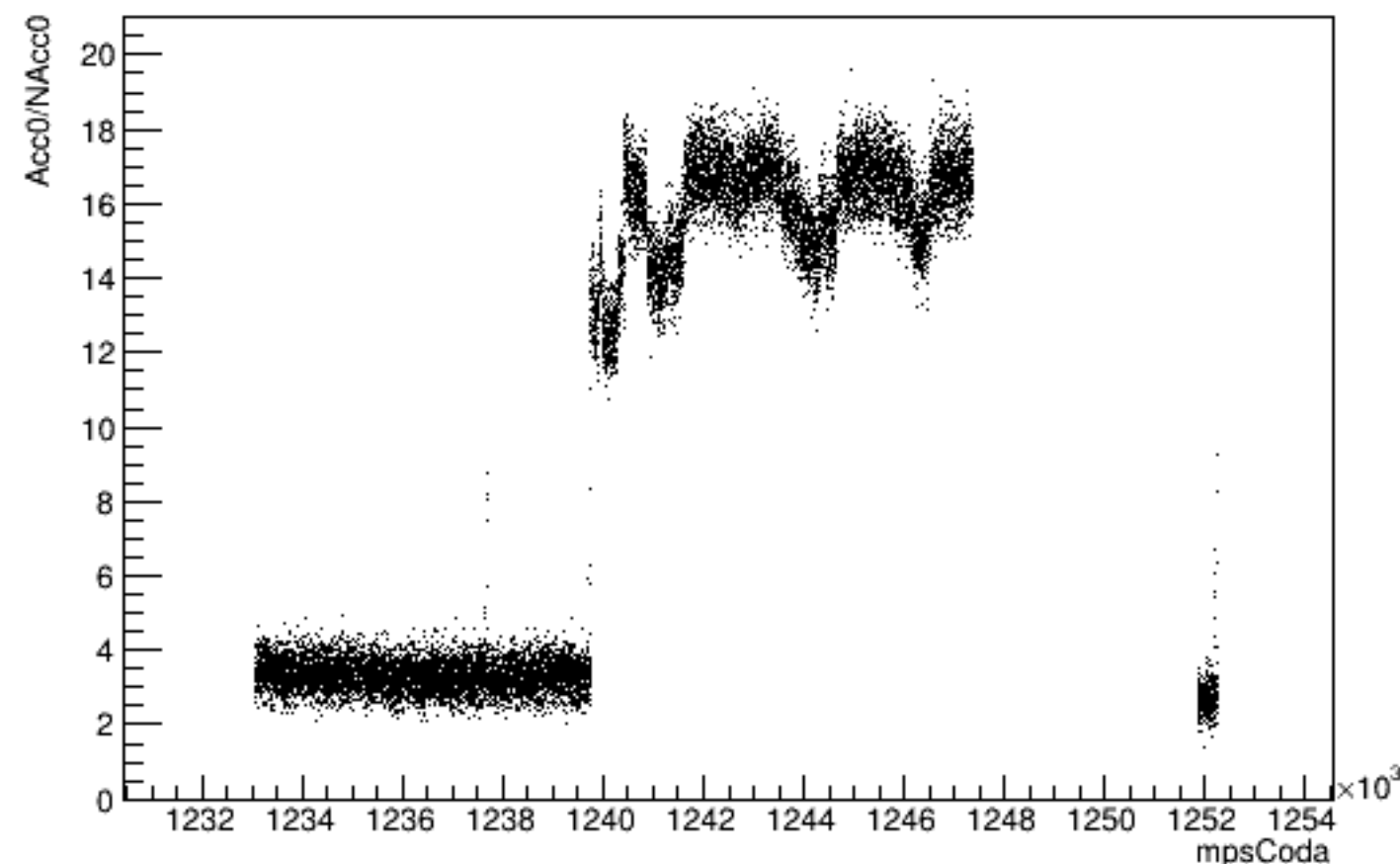
Mean: -0.0008 +/- 0.0014

Std Dev: 0.0138 +/- 0.0010

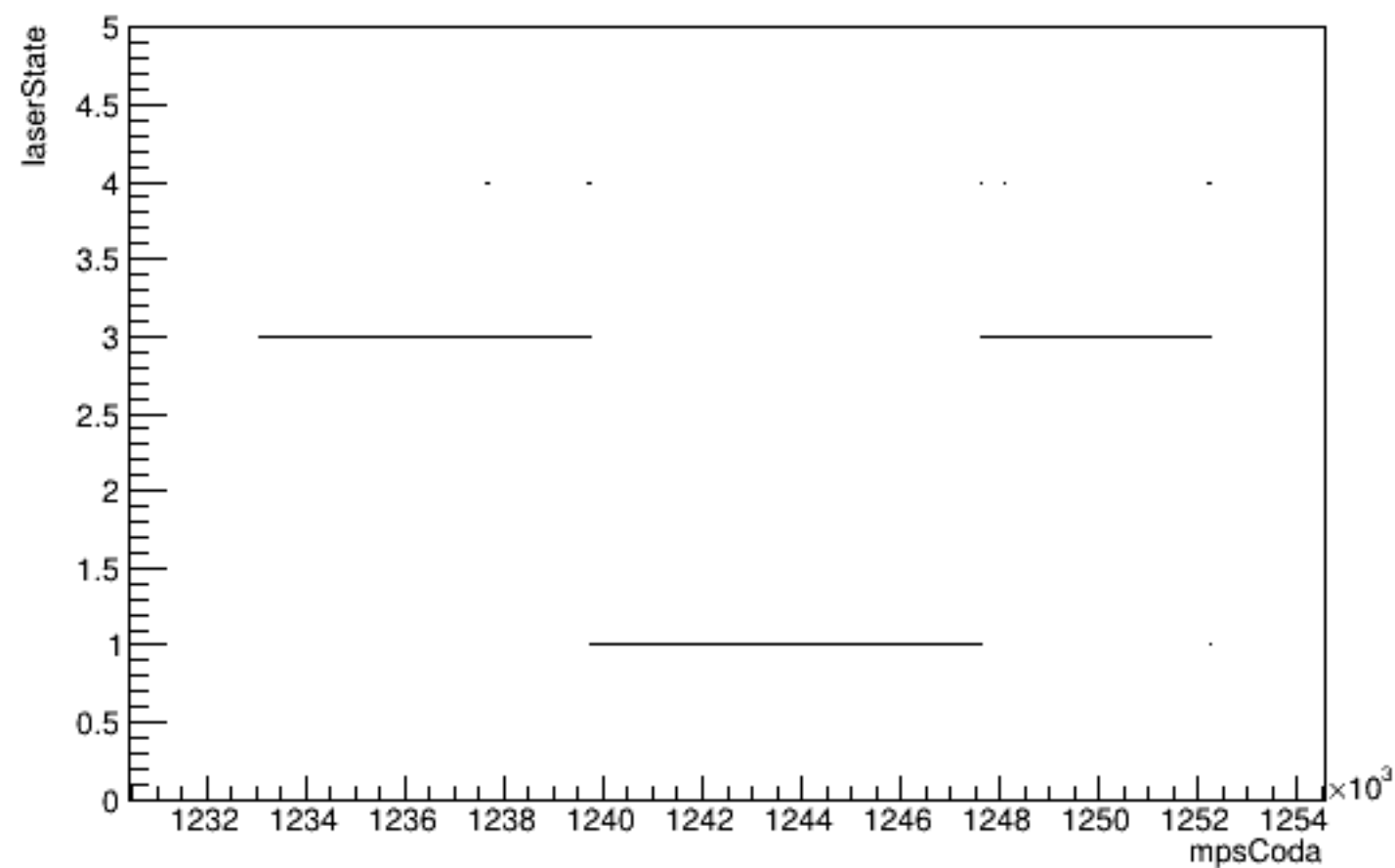
Run 5888 quartetwise, Asyms



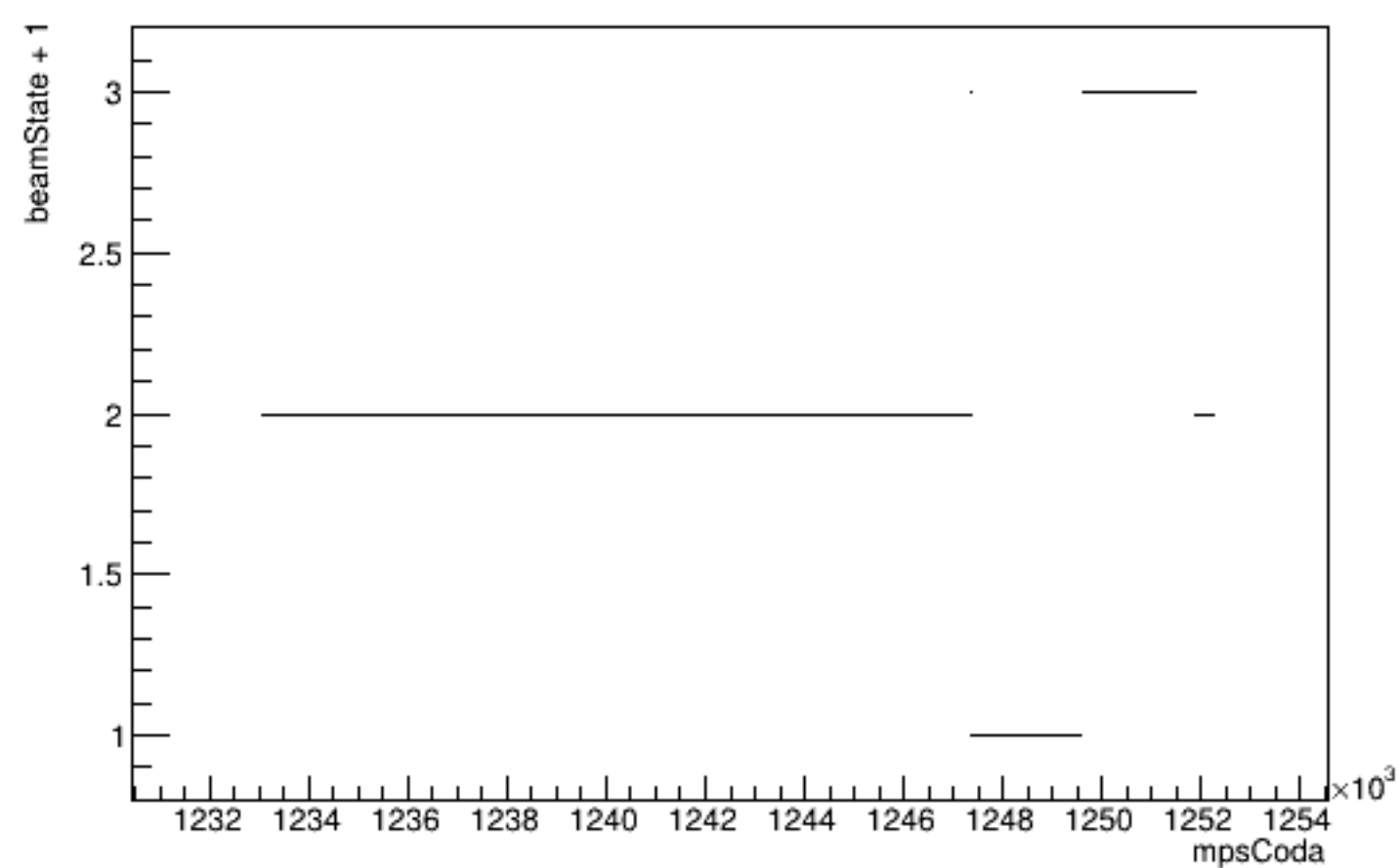
Acc0/NAcc0:mpsCoda (mpsCoda>=1233060 && mpsCoda<=1252255 && beamState==1)



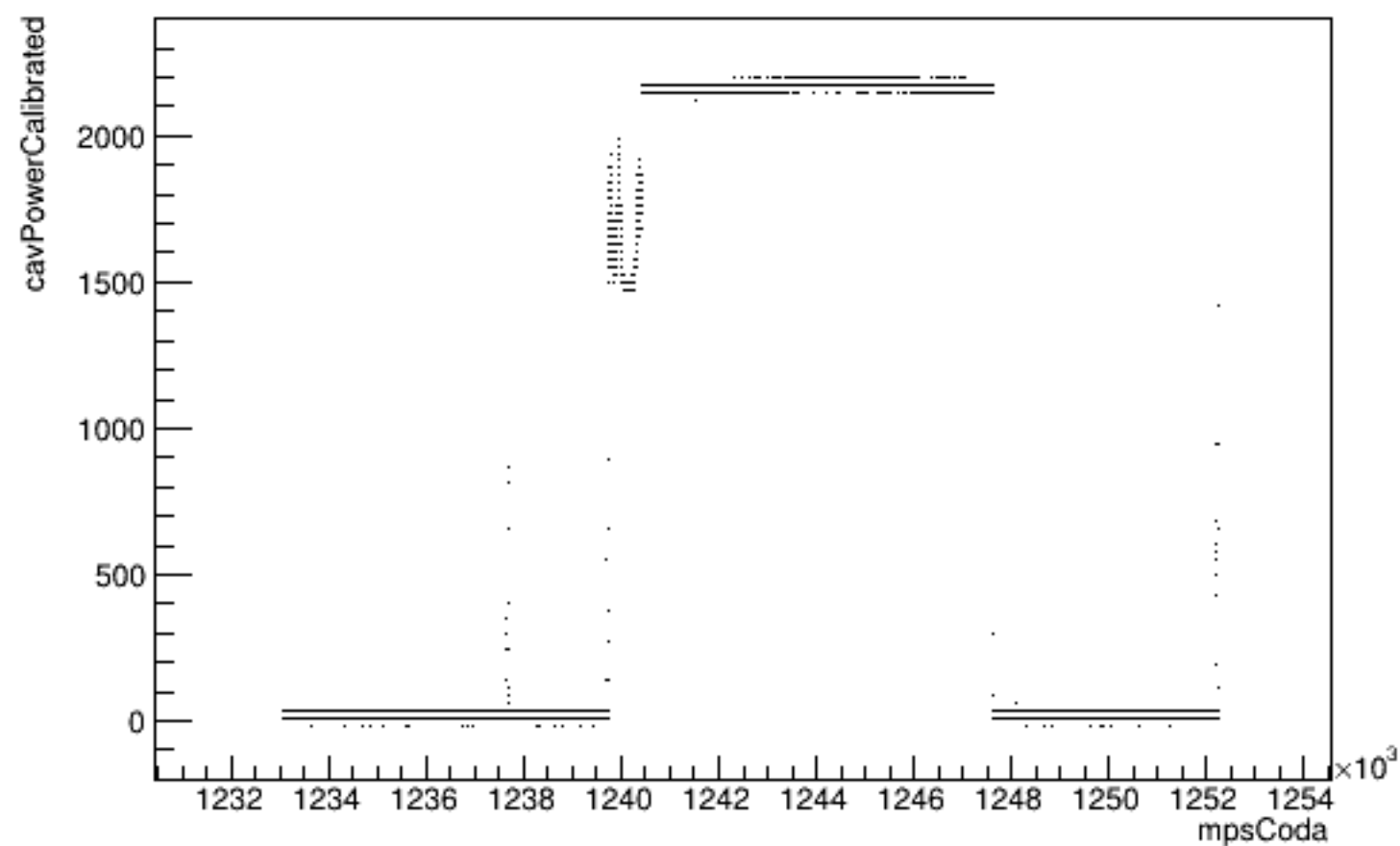
laserState:mpsCoda {mpsCoda>=1233060 && mpsCoda<=1252255}



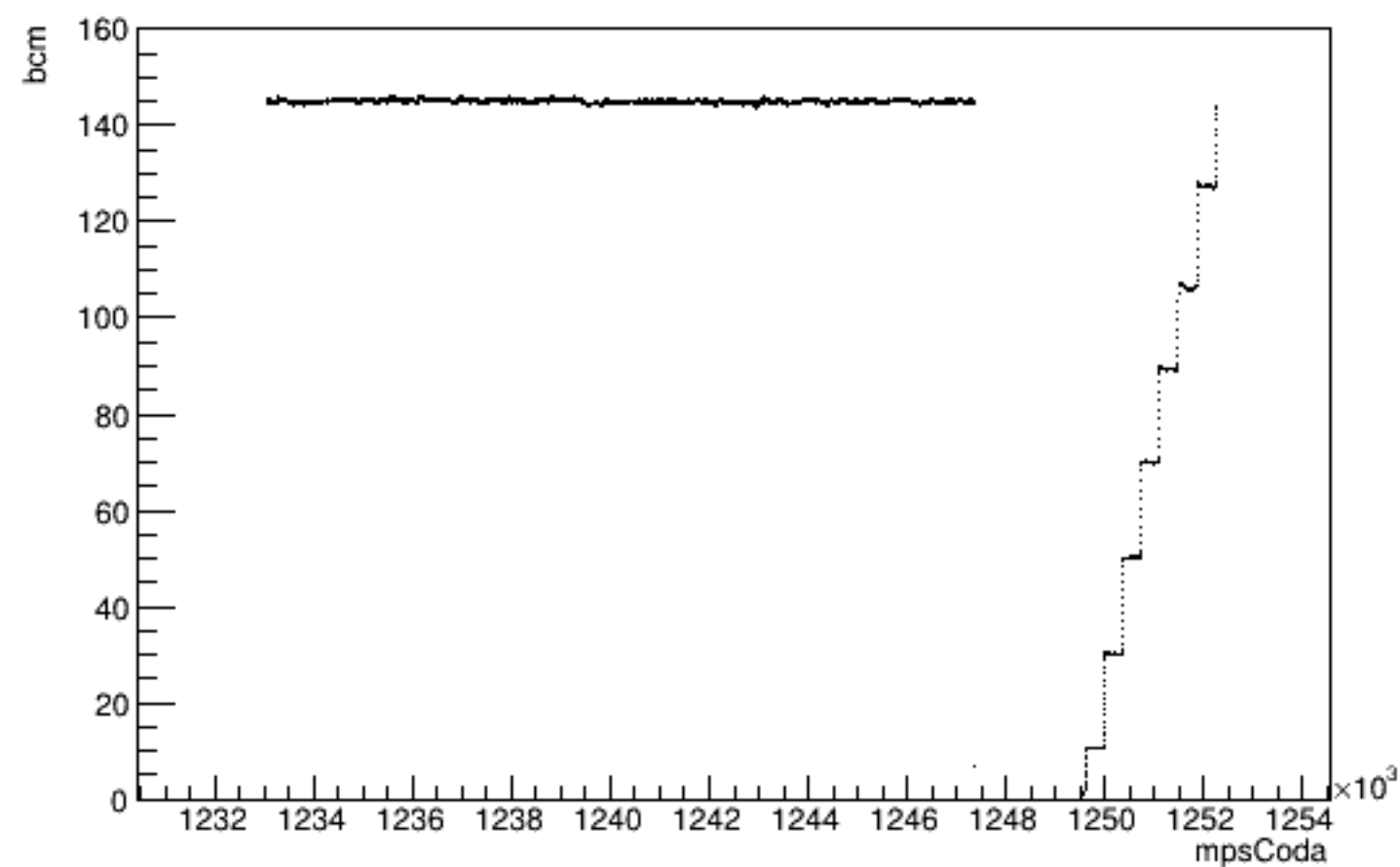
beamState + 1:mpsCoda {mpsCoda>=1233060 && mpsCoda<=1252255}



cavPowerCalibrated:mpsCoda {mpsCoda>=1233060 && mpsCoda<=1252255}



bcm:mpsCoda {mpsCoda>=1233060 && mpsCoda<=1252255}



Cycle 41, Diffs

Entries: 93

Mean: -0.0200 +/- 0.0369

Std Dev: 0.3557 +/- 0.0261

Entries: 1912

Mean: -0.8115 +/- 0.0128

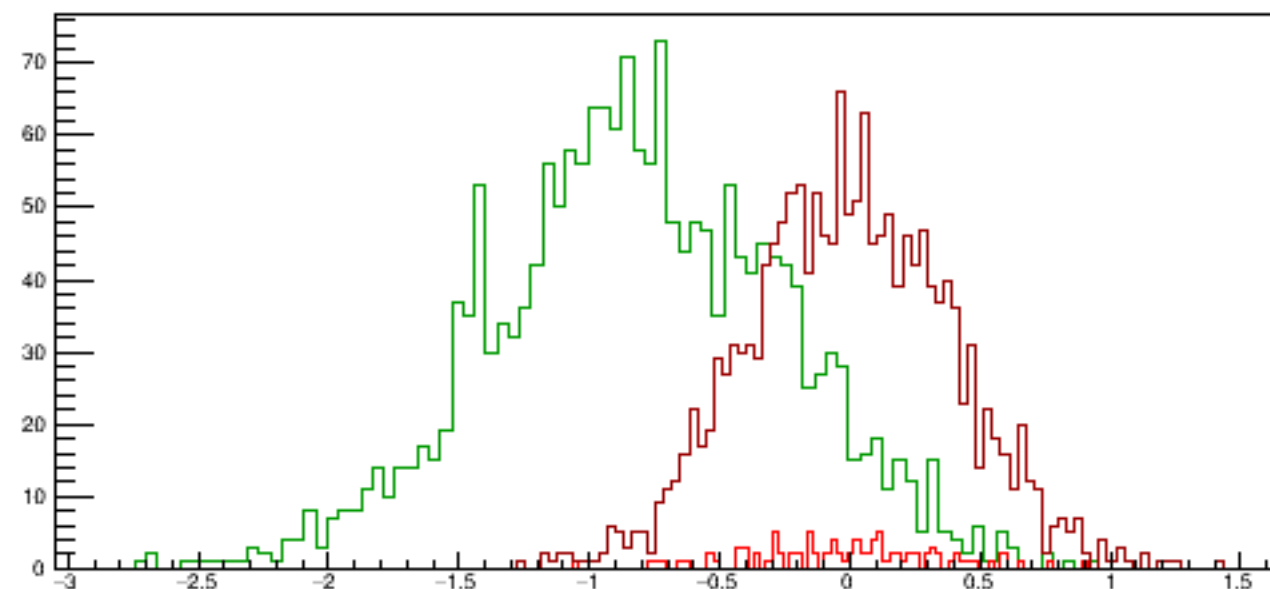
Std Dev: 0.5588 +/- 0.0090

Entries: 1663

Mean: -0.0028 +/- 0.0096

Std Dev: 0.3902 +/- 0.0068

Run 5888 quartetwise, Diffs



Cycle 41, Sums

Entries: 93

Mean: 5.3814 +/- 0.0412

Std Dev: 0.3974 +/- 0.0291

Entries: 1912

Mean: 32.0768 +/- 0.0608

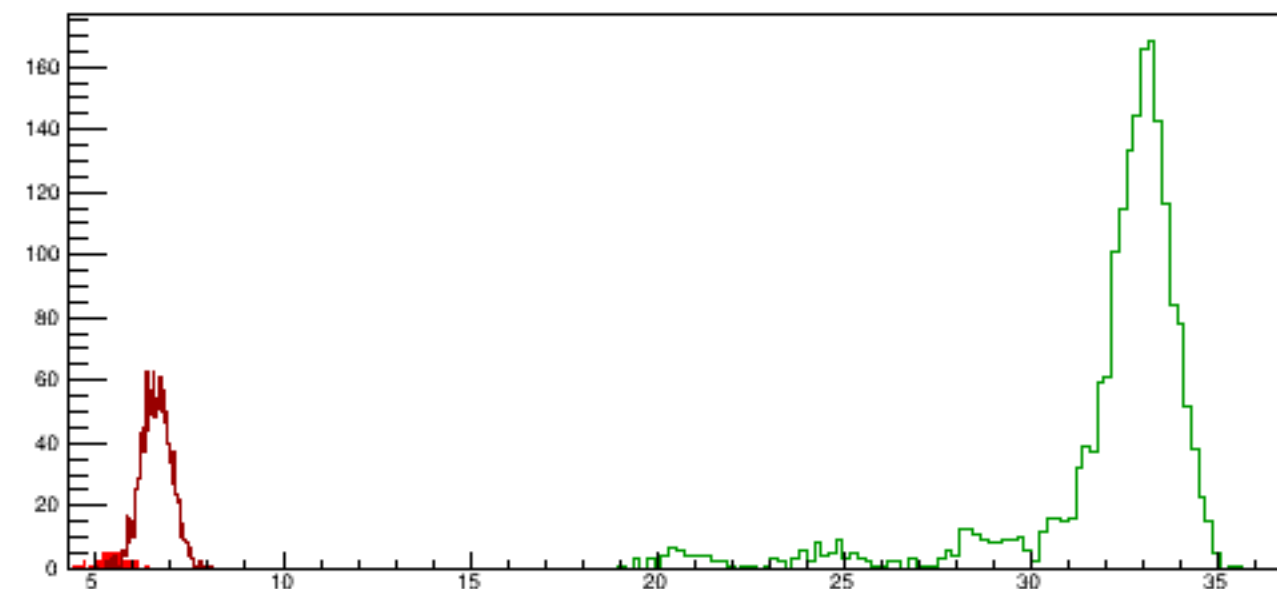
Std Dev: 2.6583 +/- 0.0430

Entries: 1663

Mean: 6.5874 +/- 0.0103

Std Dev: 0.4188 +/- 0.0073

Run 5888 quartetwise, Sums



Cycle 41, Asyms

Entries: 93

Mean: -0.0008 +/- 0.0014

Std Dev: 0.0136 +/- 0.0010

Entries: 1912

Mean: -0.0312 +/- 0.0005

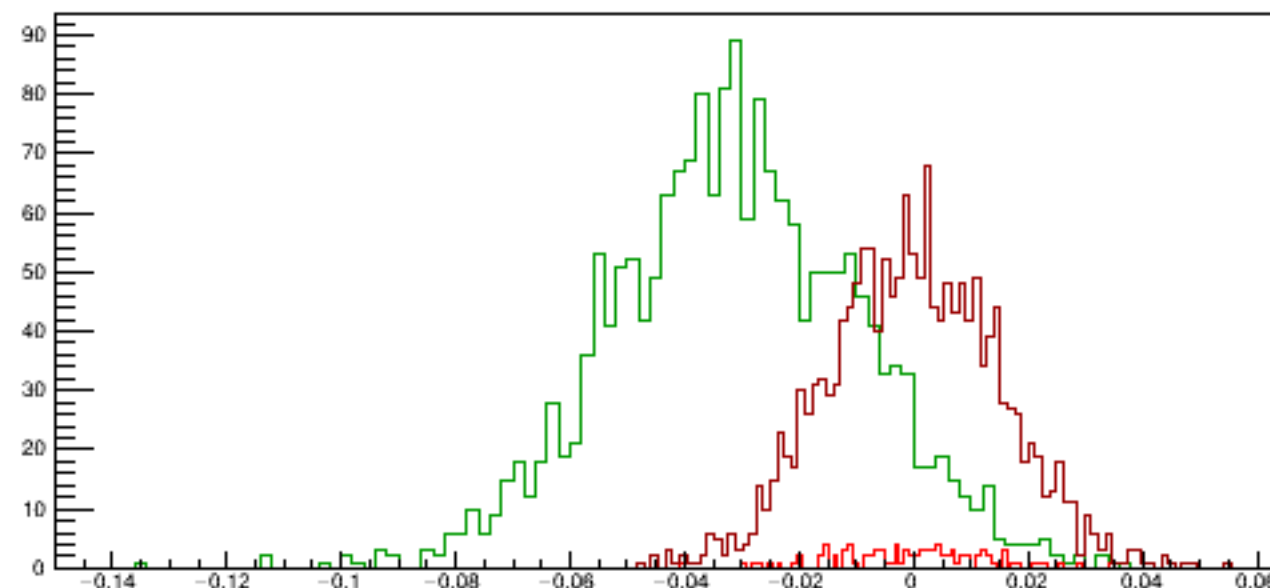
Std Dev: 0.0216 +/- 0.0003

Entries: 1663

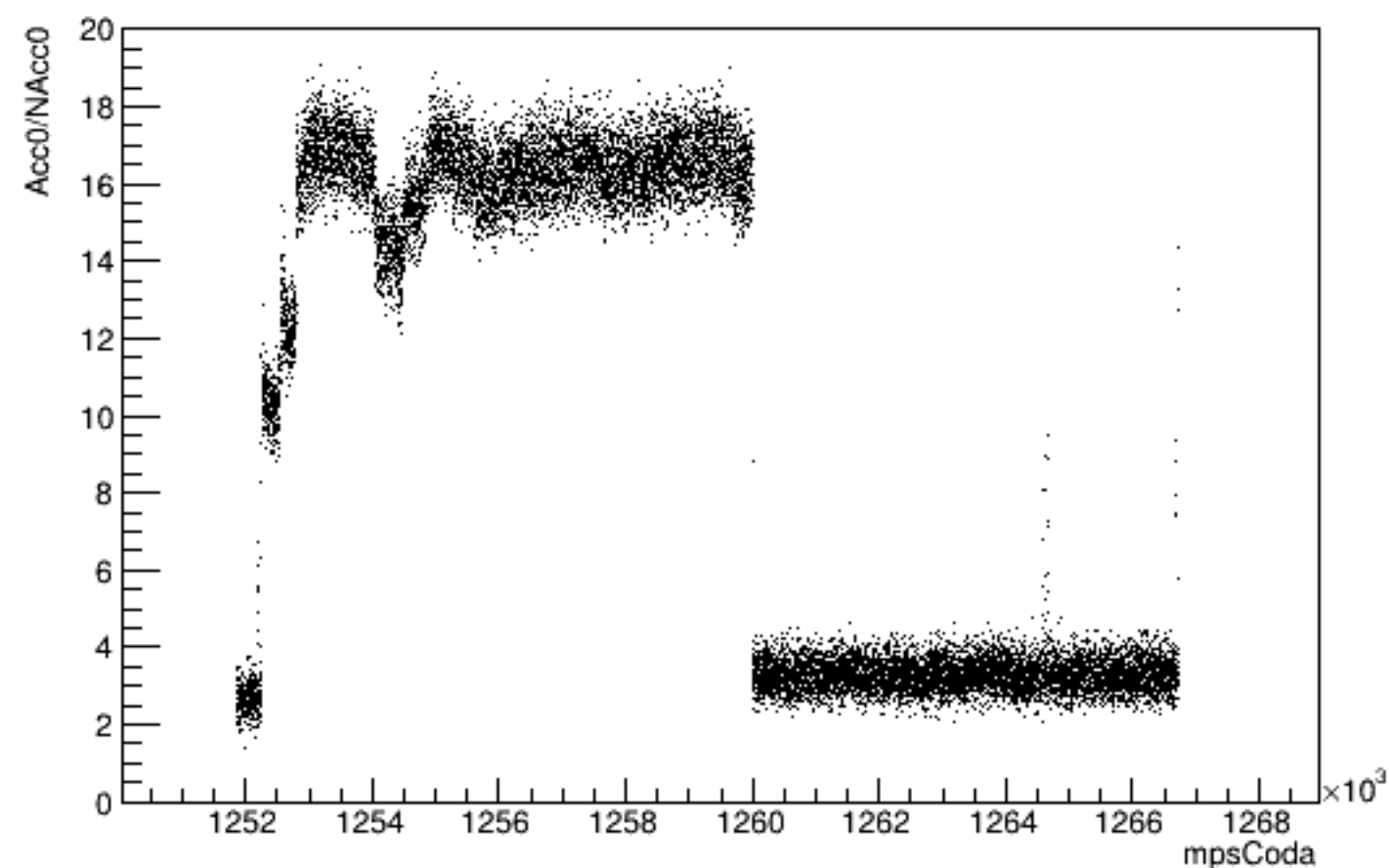
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0150 +/- 0.0003

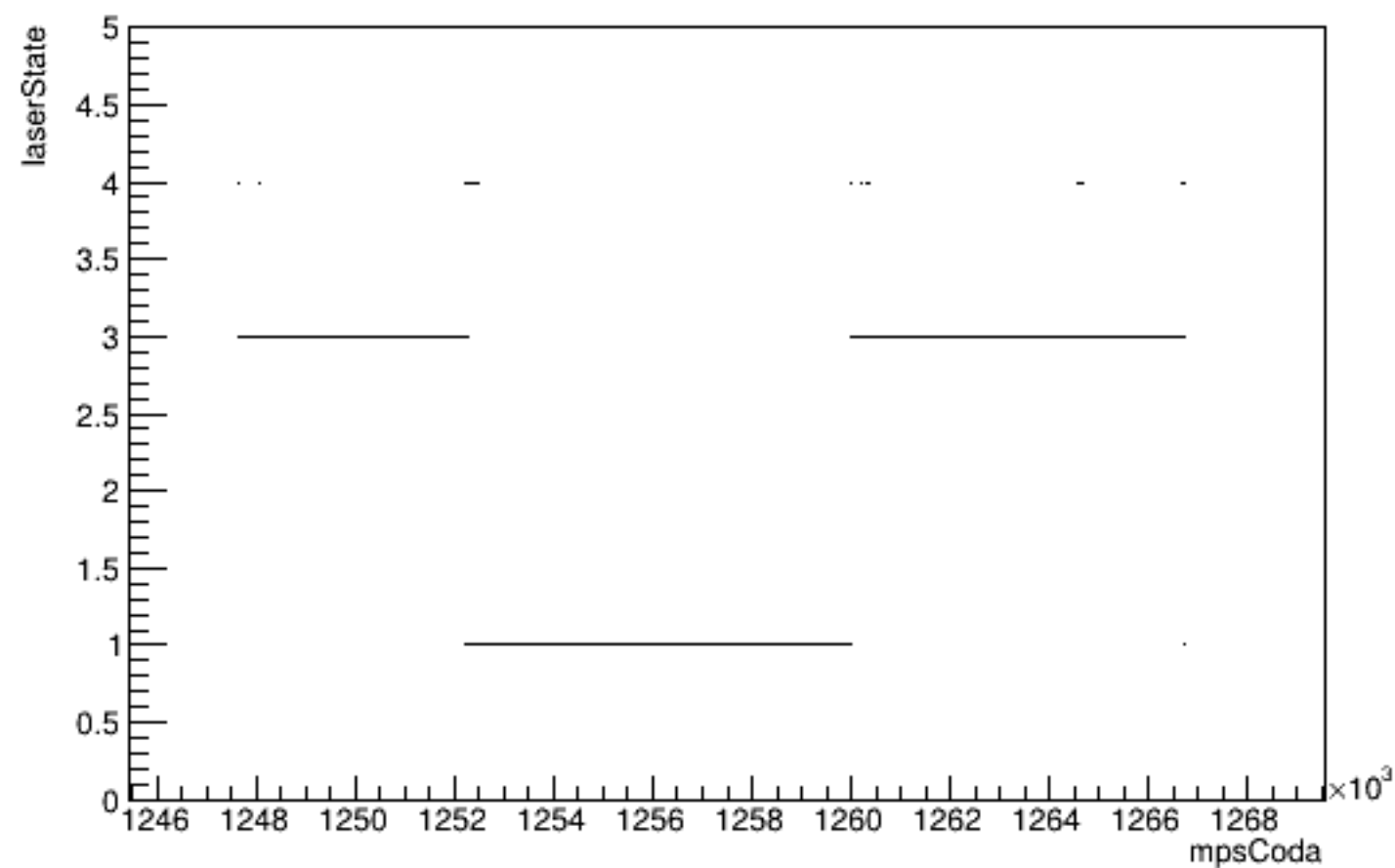
Run 5888 quartetwise, Asyms



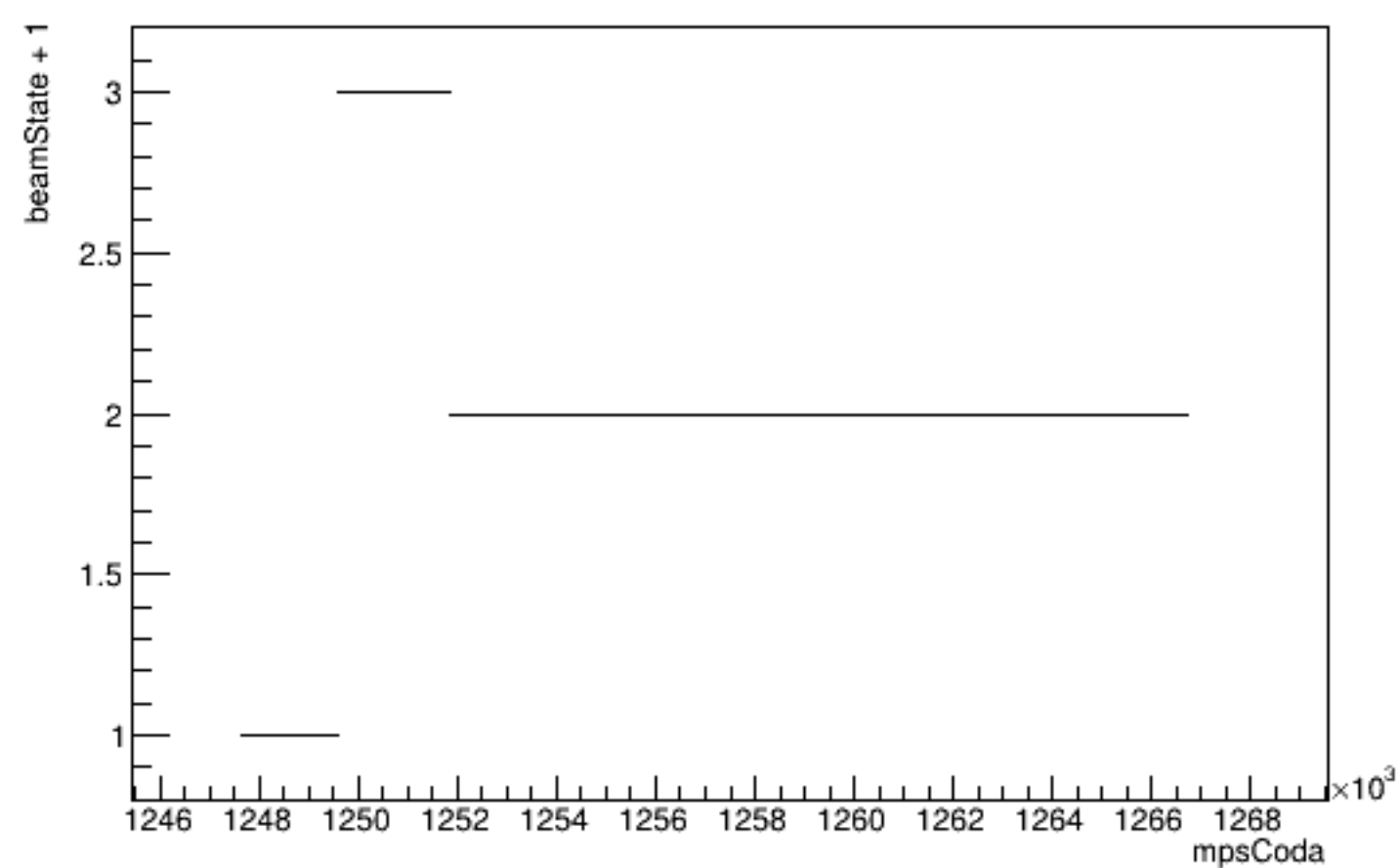
Acc0/NAcc0:mpsCoda (mpsCoda>=1247624 && mpsCoda<=1266719 && beamState==1)



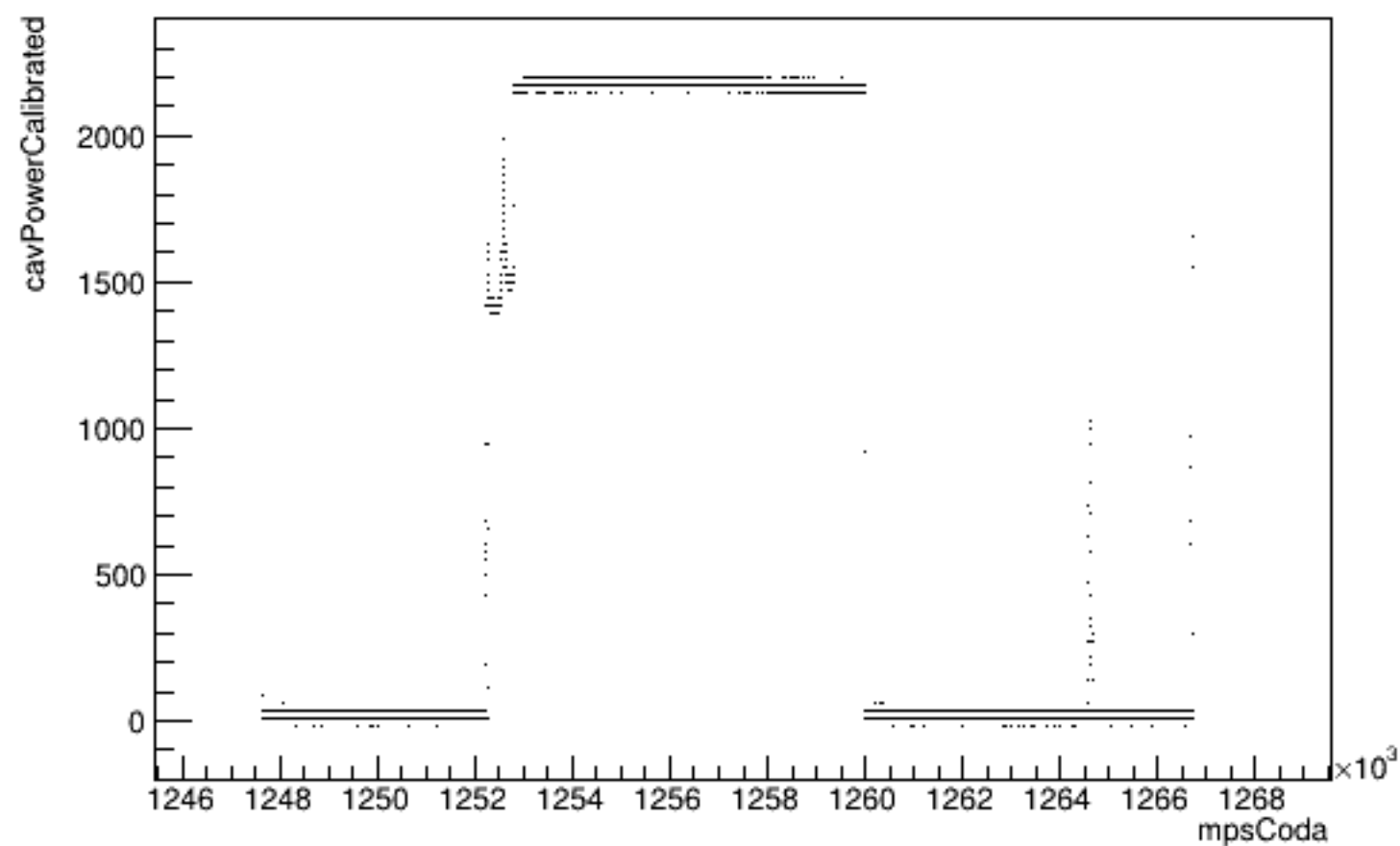
laserState:mpsCoda {mpsCoda>=1247624 && mpsCoda<=1266719}



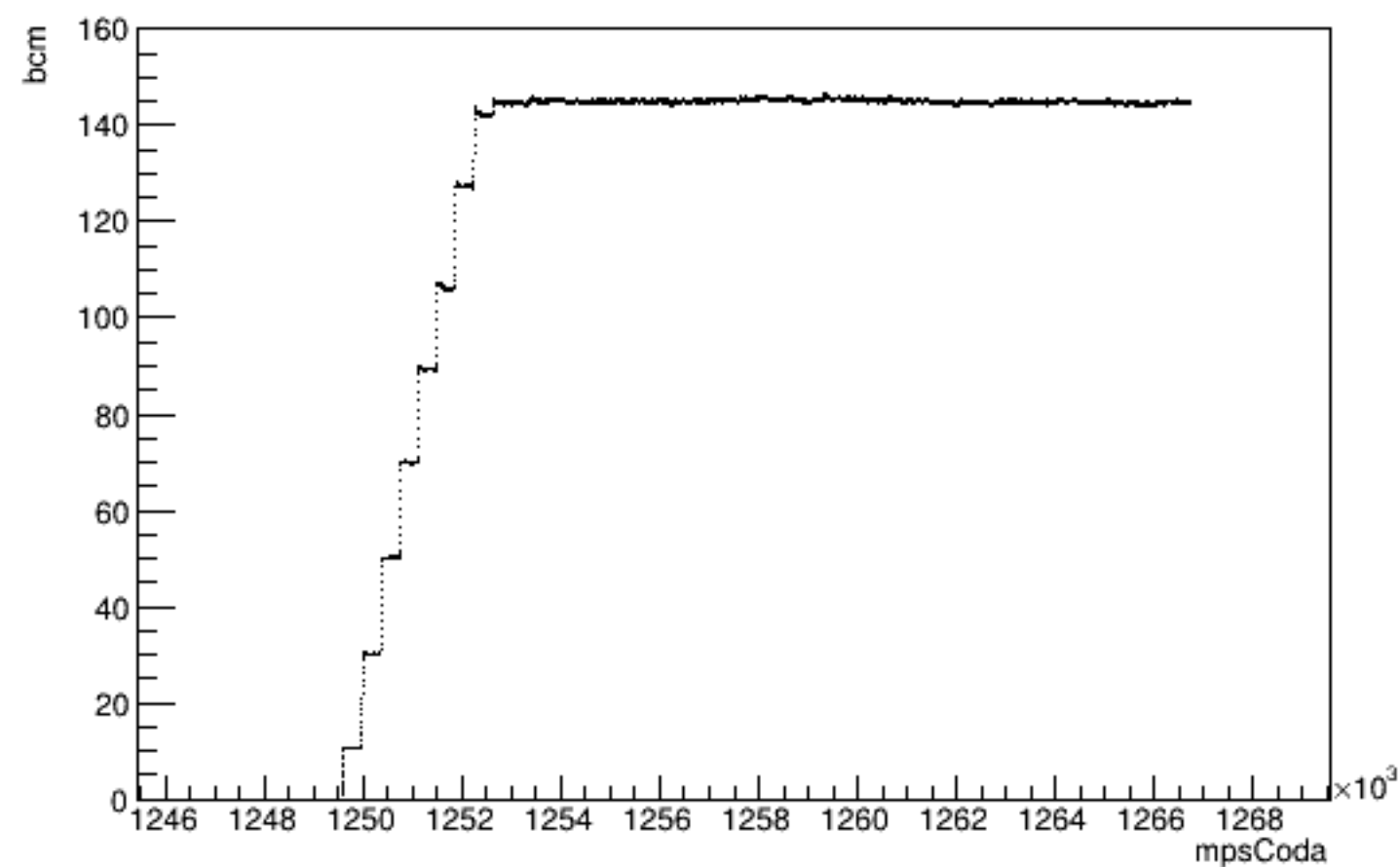
beamState + 1:mpsCoda {mpsCoda>=1247624 && mpsCoda<=1266719}



cavPowerCalibrated:mpsCoda {mpsCoda>=1247624 && mpsCoda<=1266719}



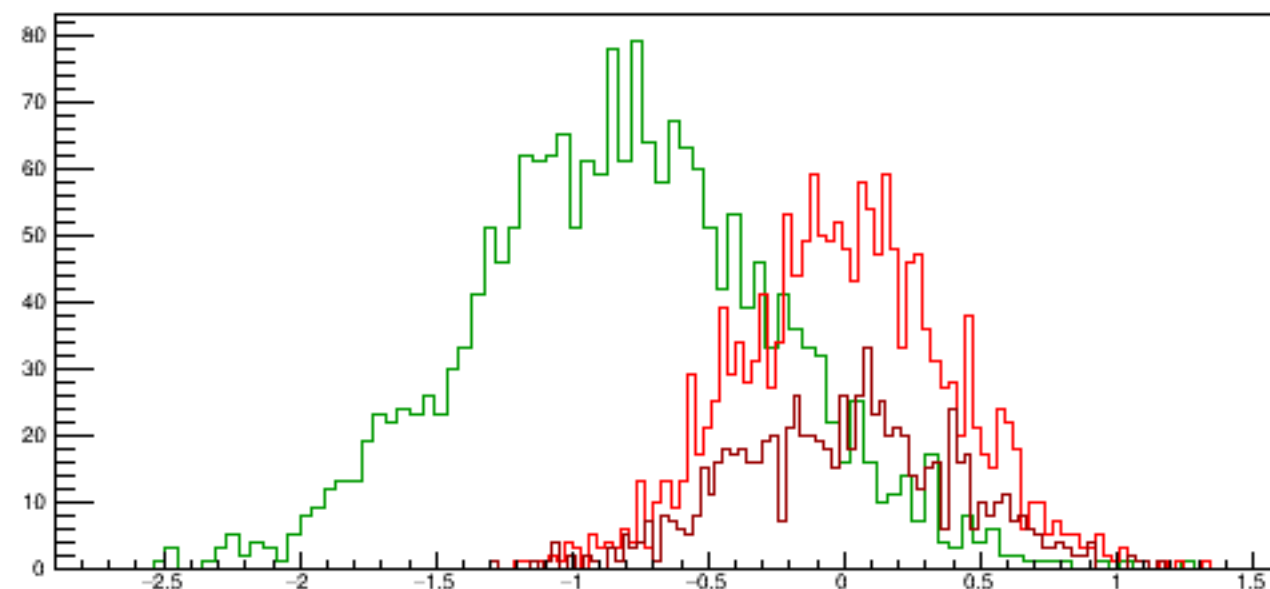
bcm:mpsCoda {mpsCoda>=1247624 && mpsCoda<=1266719}



Cycle 42, Diffs

Entries: 1662	Entries: 2026	Entries: 811
Mean: 0.0022 +/- 0.0095	Mean: -0.8150 +/- 0.0123	Mean: -0.0046 +/- 0.0142
Std Dev: 0.3876 +/- 0.0067	Std Dev: 0.5537 +/- 0.0087	Std Dev: 0.4037 +/- 0.0100

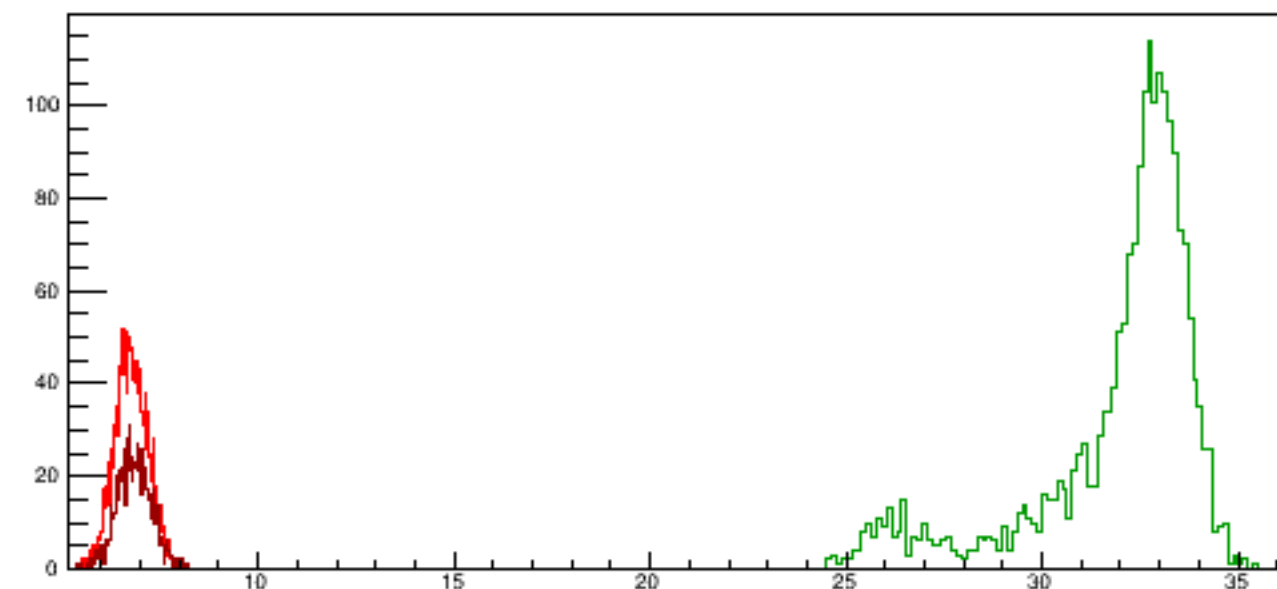
Run 5888 quartetwise, Diffs



Cycle 42, Sums

Entries: 1662	Entries: 2026	Entries: 811
Mean: 6.7628 +/- 0.0103	Mean: 31.9548 +/- 0.0466	Mean: 6.8327 +/- 0.0151
Std Dev: 0.4210 +/- 0.0073	Std Dev: 2.0995 +/- 0.0330	Std Dev: 0.4313 +/- 0.0107

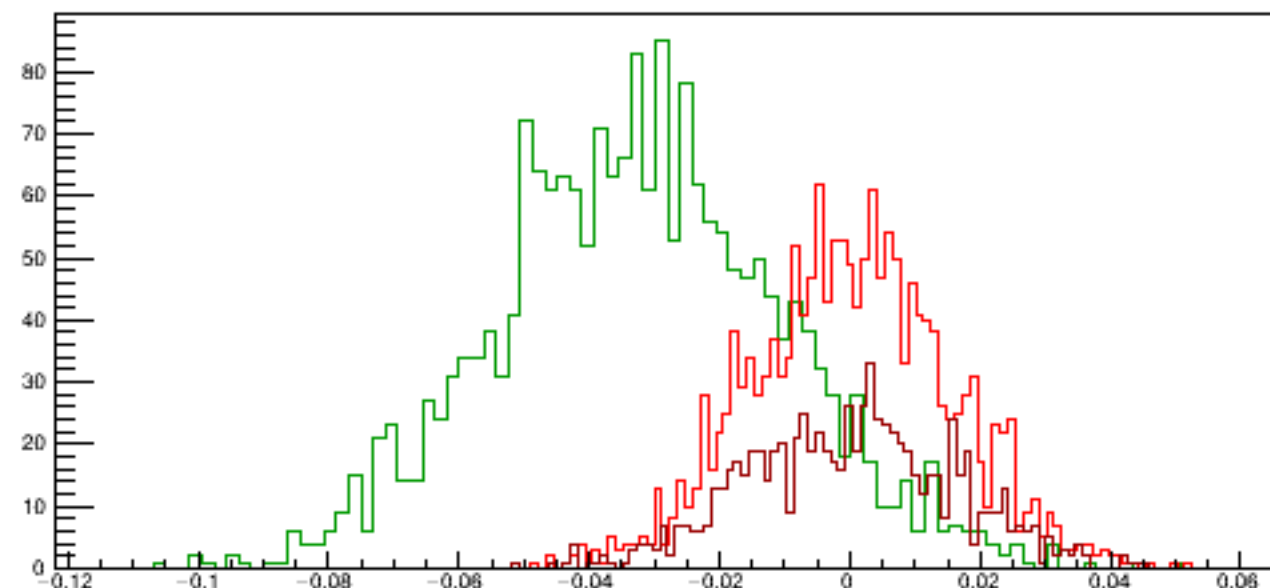
Run 5888 quartetwise, Sums



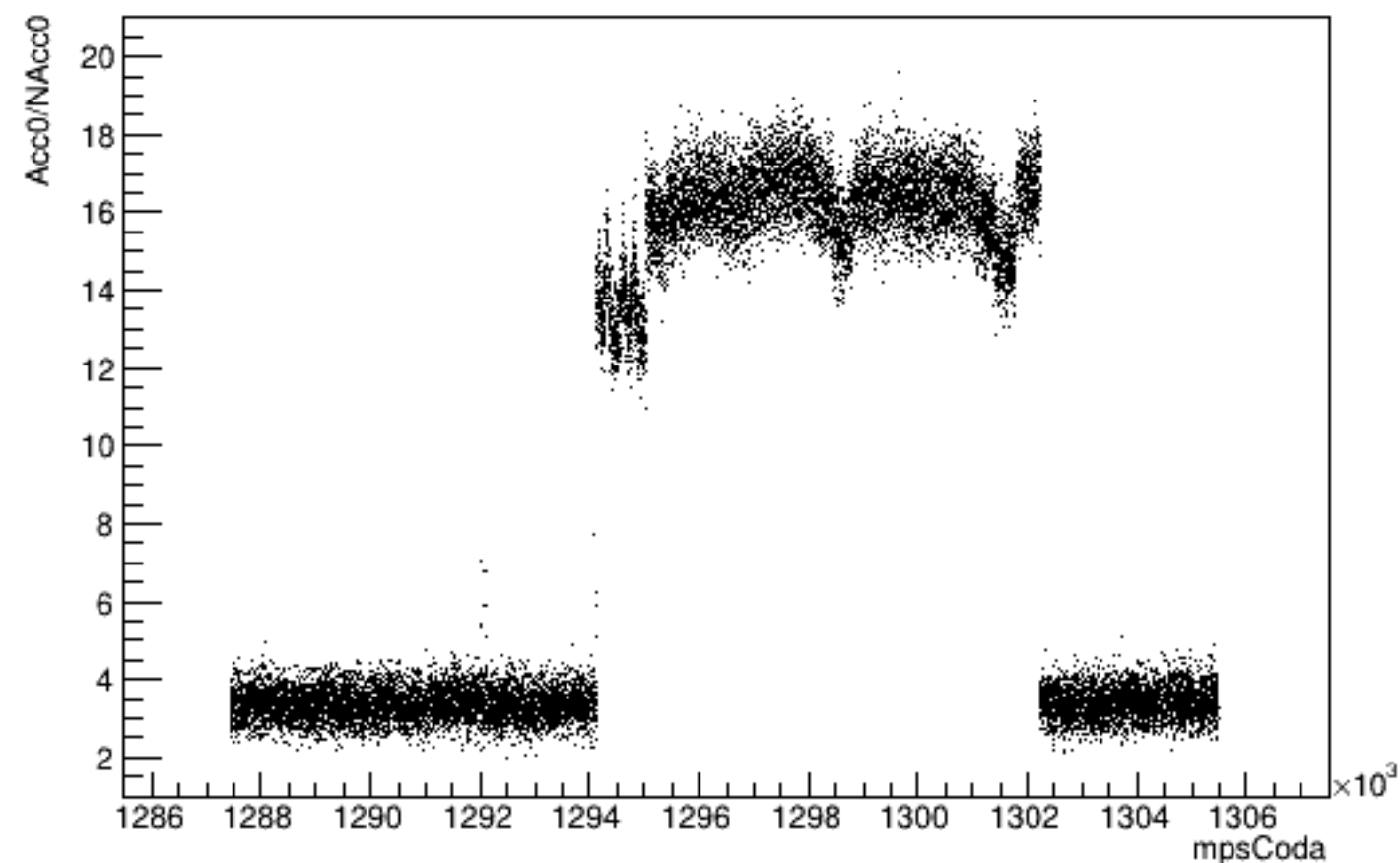
Cycle 42, Asyms

Entries: 1662	Entries: 2026	Entries: 811
Mean: 0.0001 +/- 0.0004	Mean: -0.0324 +/- 0.0005	Mean: -0.0002 +/- 0.0006
Std Dev: 0.0154 +/- 0.0003	Std Dev: 0.0220 +/- 0.0003	Std Dev: 0.0160 +/- 0.0004

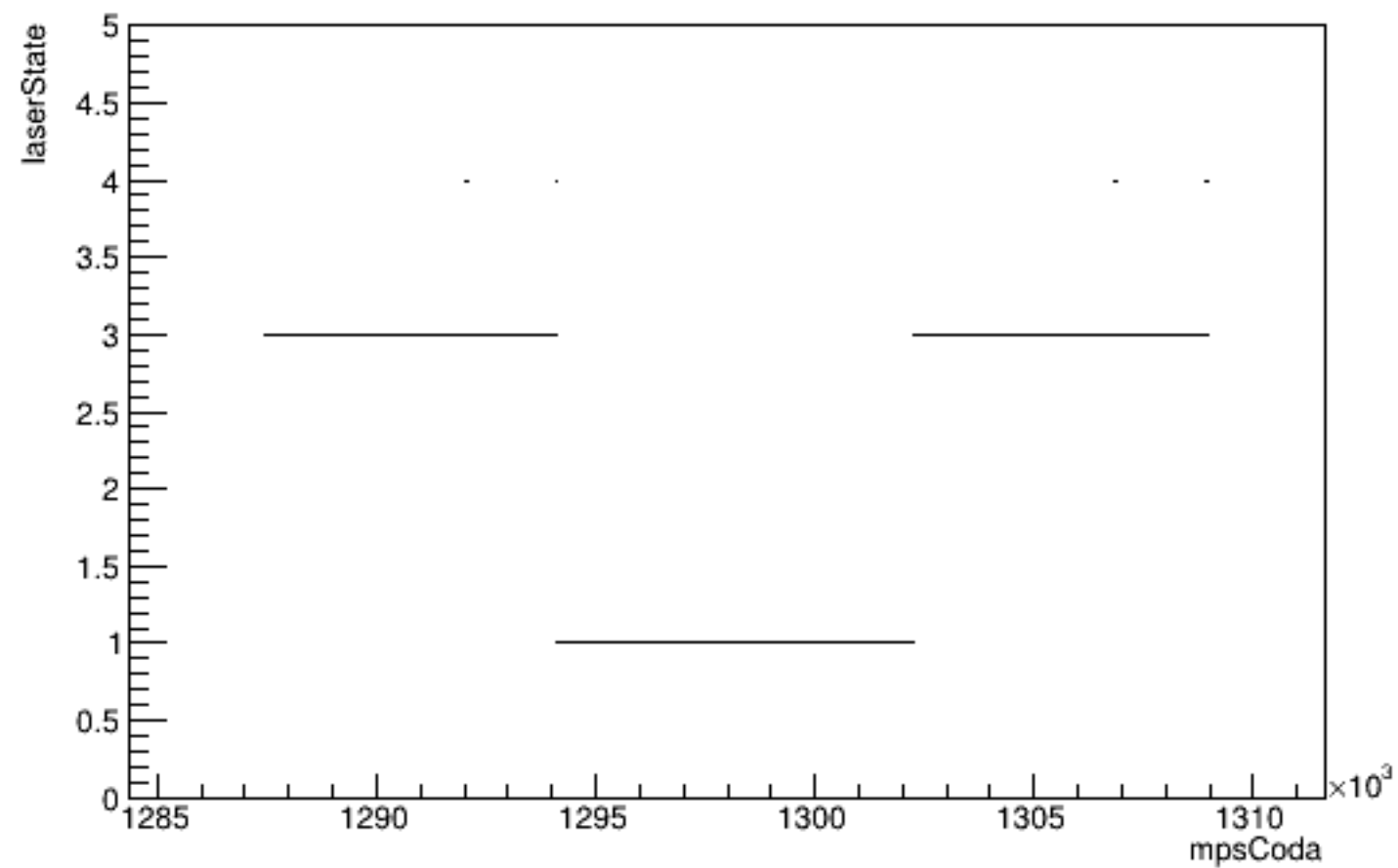
Run 5888 quartetwise, Asyms



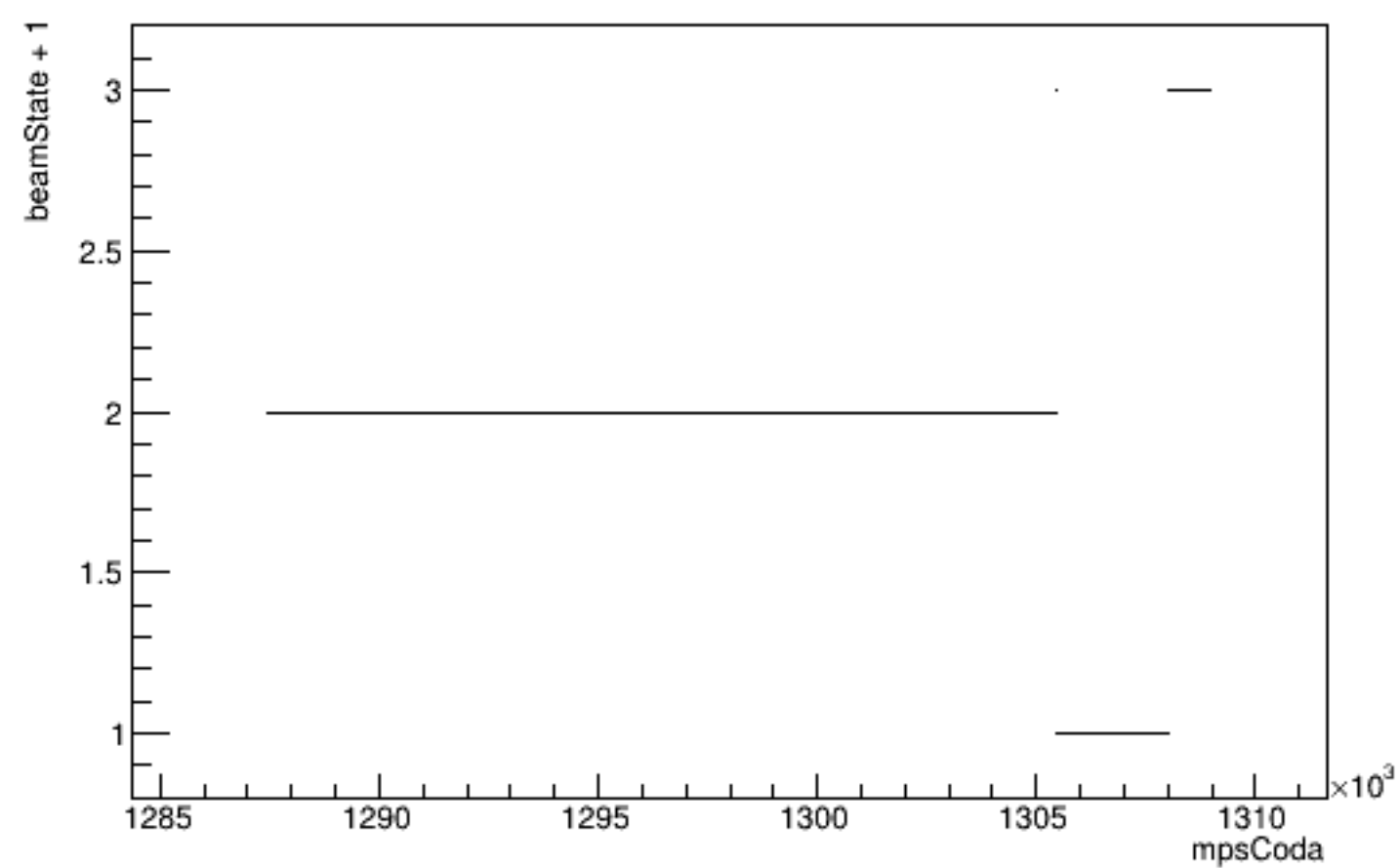
Acc0/NAcc0:mpsCoda (mpsCoda>=1287432 && mpsCoda<=1308955 && beamState==1)



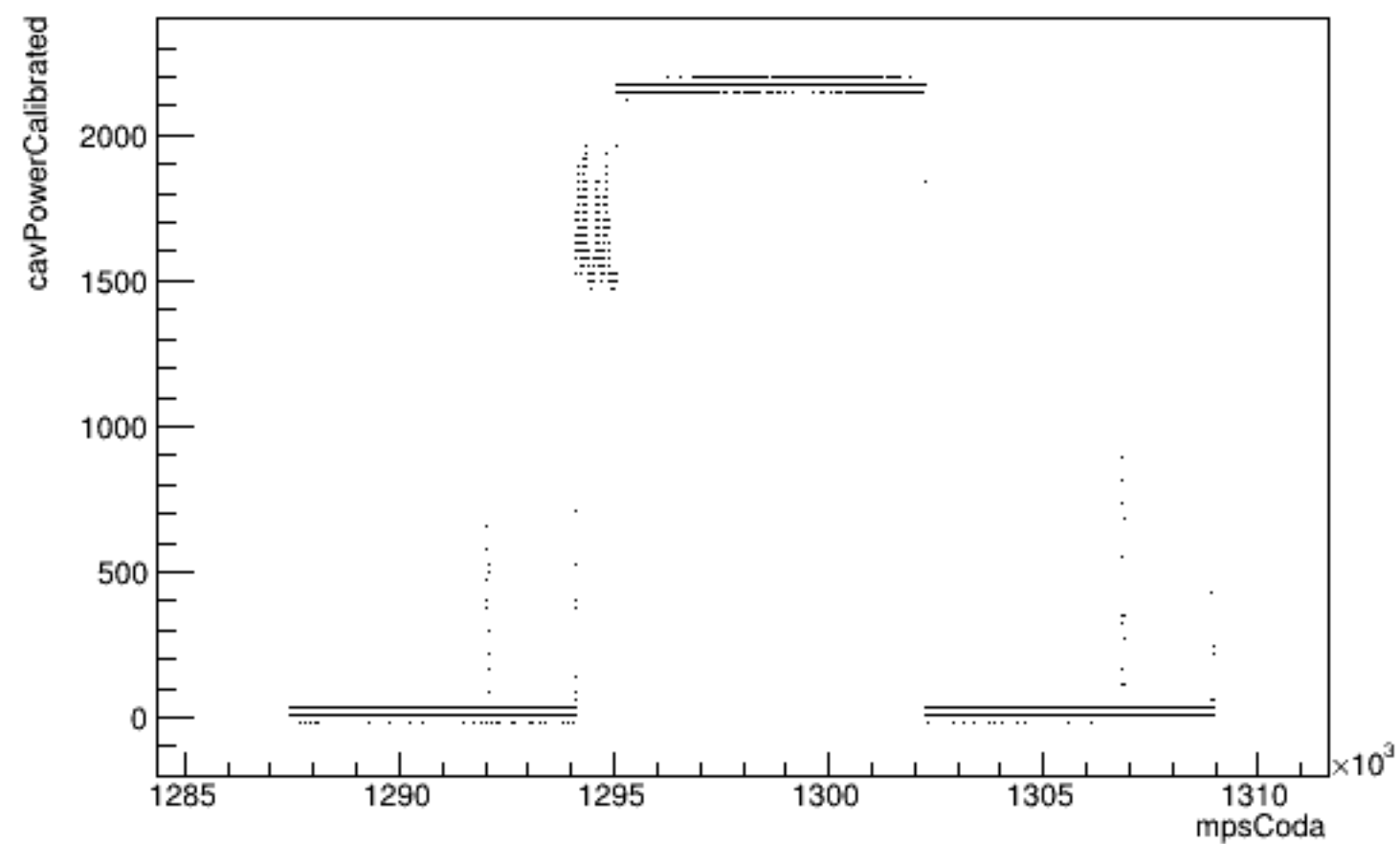
laserState:mpsCoda {mpsCoda>=1287432 && mpsCoda<=1308955}



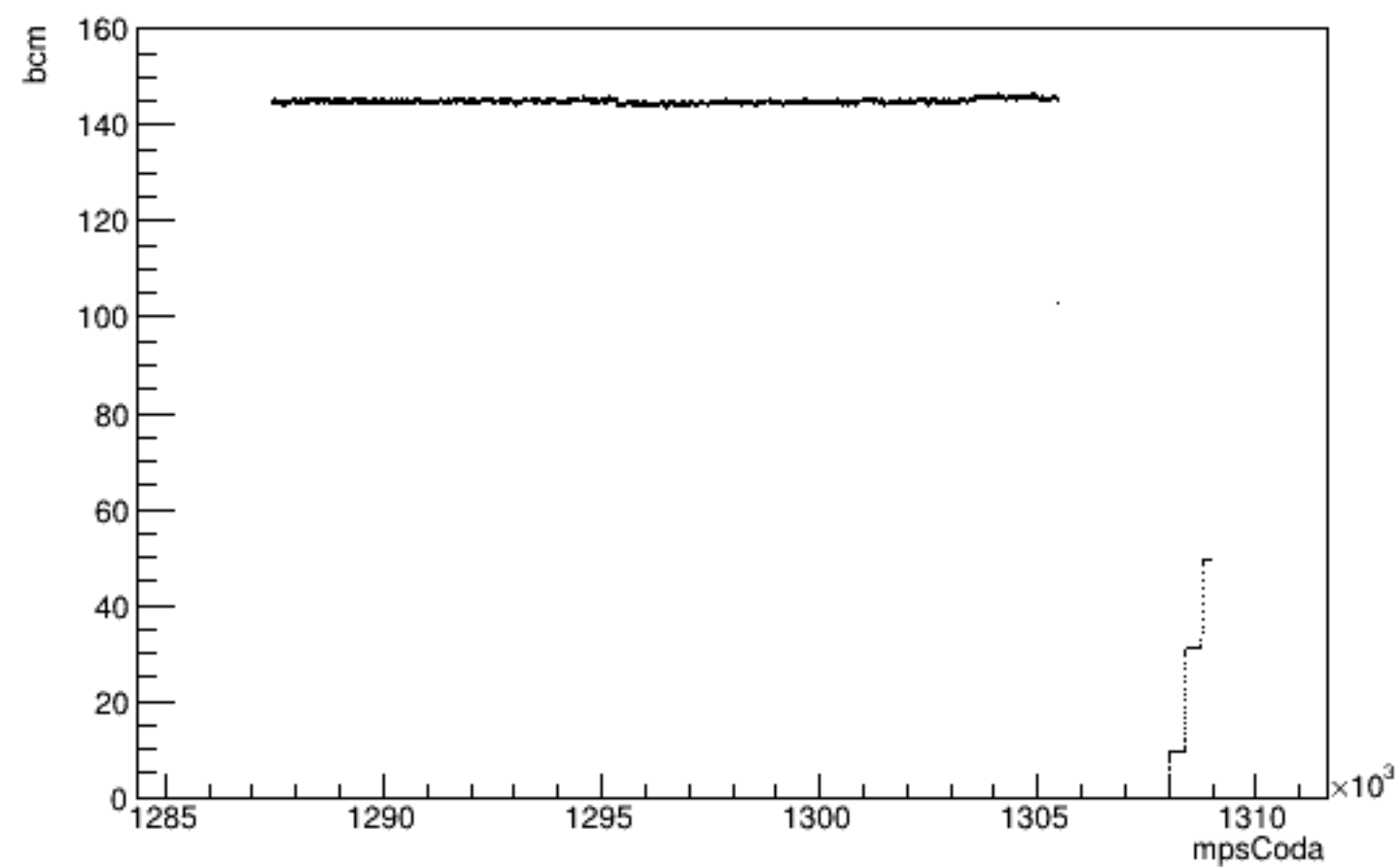
beamState + 1:mpsCoda {mpsCoda>=1287432 && mpsCoda<=1308955}



cavPowerCalibrated:mpsCoda {mpsCoda>=1287432 && mpsCoda<=1308955}



bcm:mpsCoda {mpsCoda>=1287432 && mpsCoda<=1308955}



Cycle 43, Diffs

Entries: 811

Mean: -0.0046 +/- 0.0142

Std Dev: 0.4037 +/- 0.0100

Entries: 1477

Mean: -0.7939 +/- 0.0140

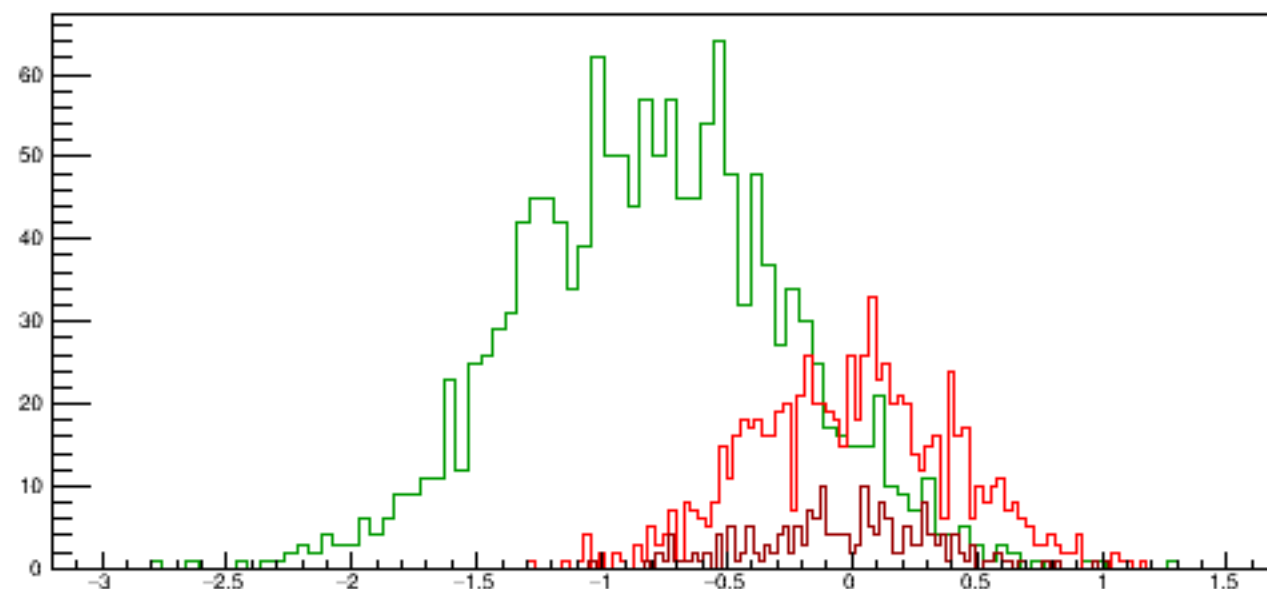
Std Dev: 0.5394 +/- 0.0099

Entries: 194

Mean: -0.0321 +/- 0.0262

Std Dev: 0.3650 +/- 0.0185

Run 5888 quartetwise, Diffs



Cycle 43, Sums

Entries: 811

Mean: 6.8327 +/- 0.0151

Std Dev: 0.4313 +/- 0.0107

Entries: 1477

Mean: 32.3352 +/- 0.0674

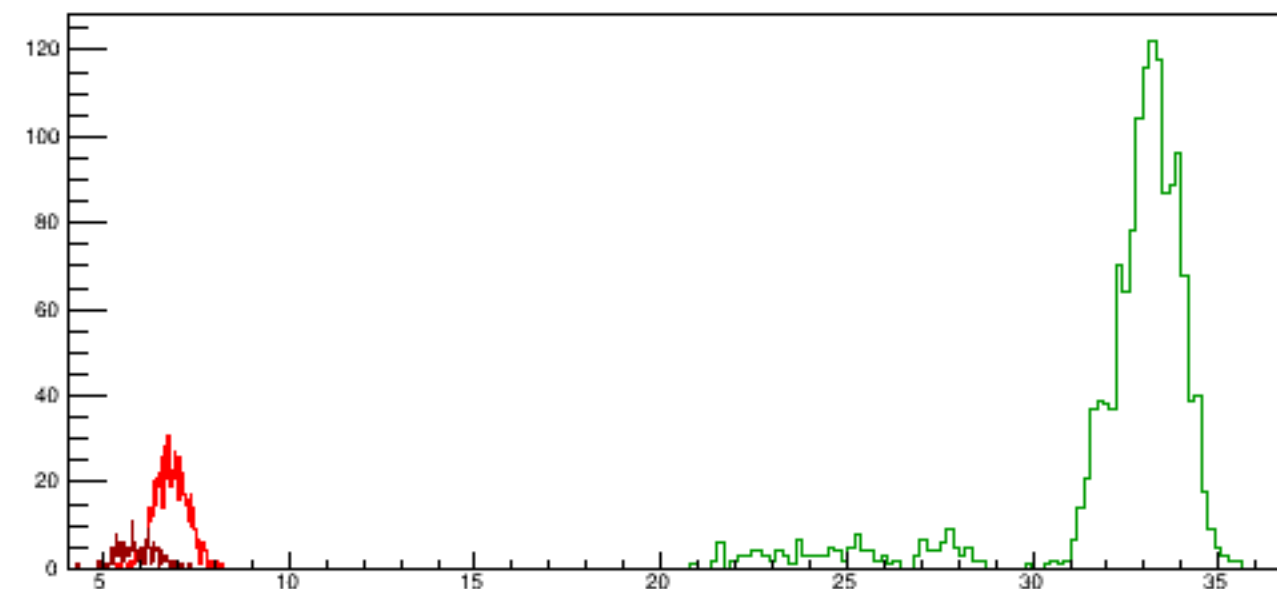
Std Dev: 2.5899 +/- 0.0477

Entries: 194

Mean: 5.9352 +/- 0.0374

Std Dev: 0.5216 +/- 0.0265

Run 5888 quartetwise, Sums



Cycle 43, Asyms

Entries: 811

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0156 +/- 0.0004

Entries: 1477

Mean: -0.0306 +/- 0.0005

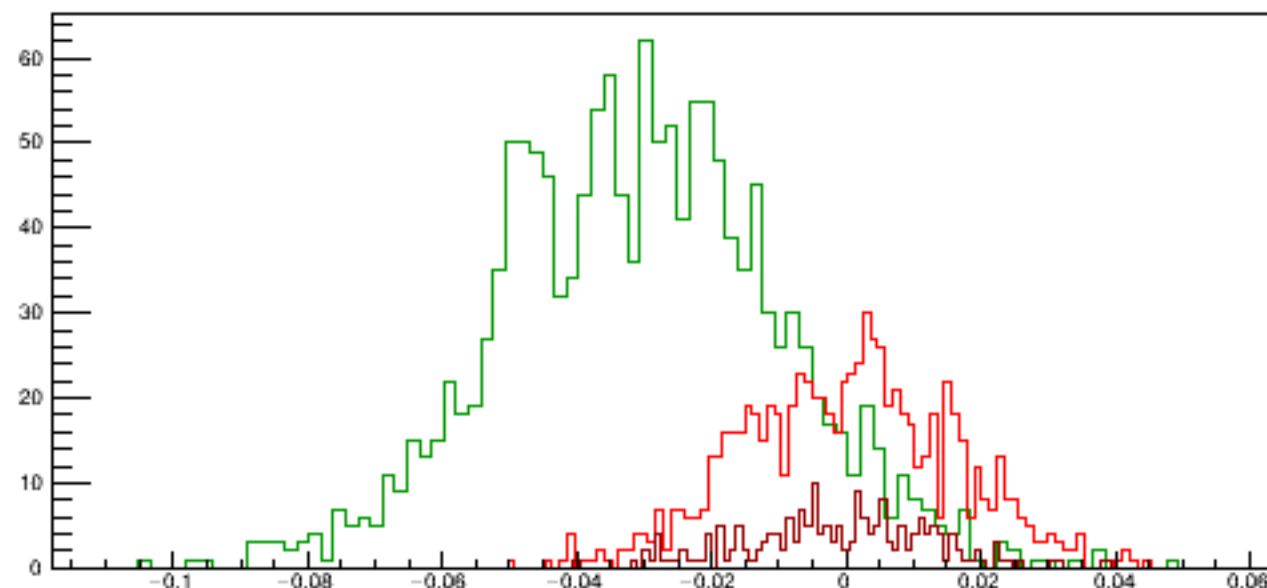
Std Dev: 0.0208 +/- 0.0004

Entries: 194

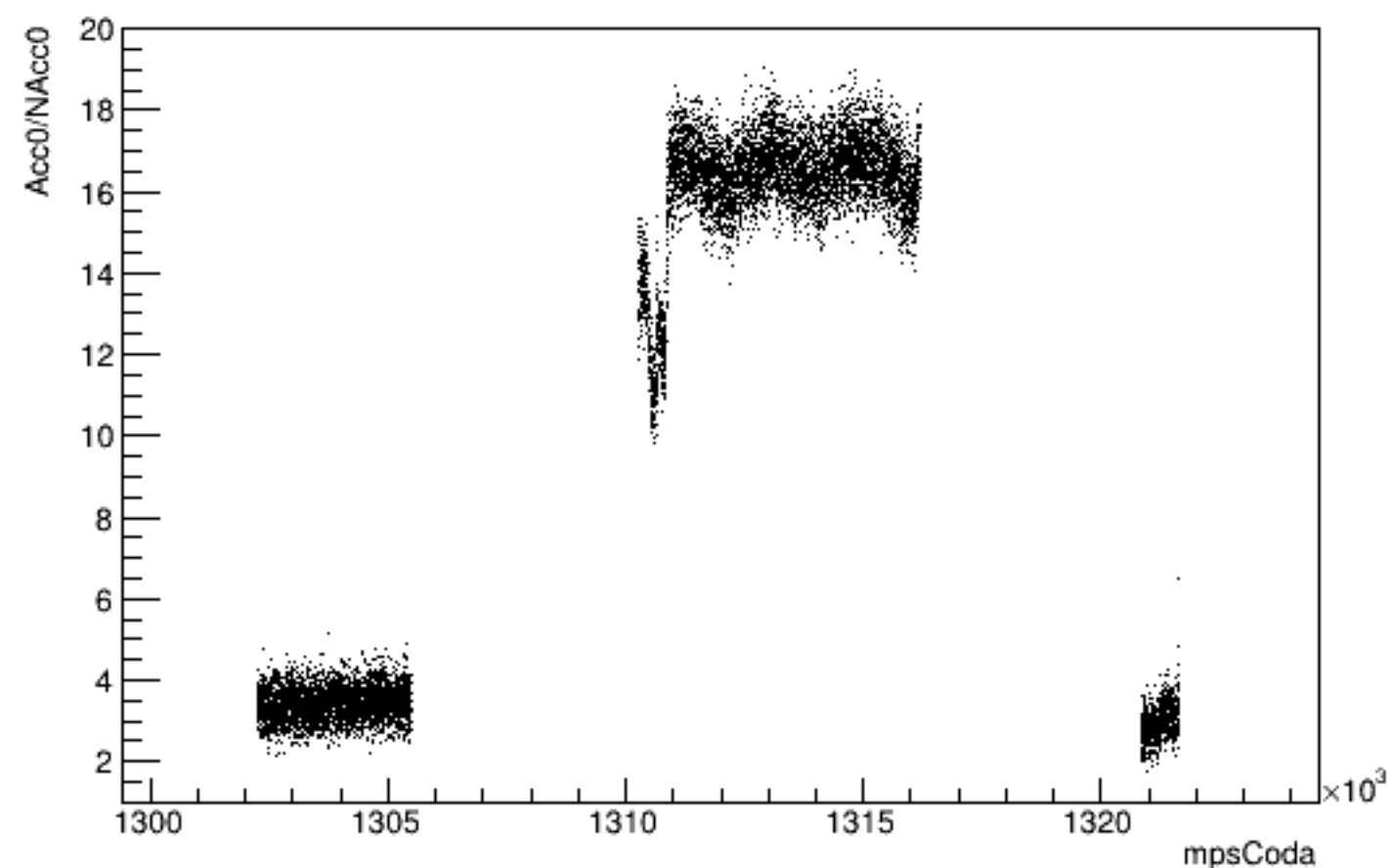
Mean: -0.0012 +/- 0.0010

Std Dev: 0.0141 +/- 0.0007

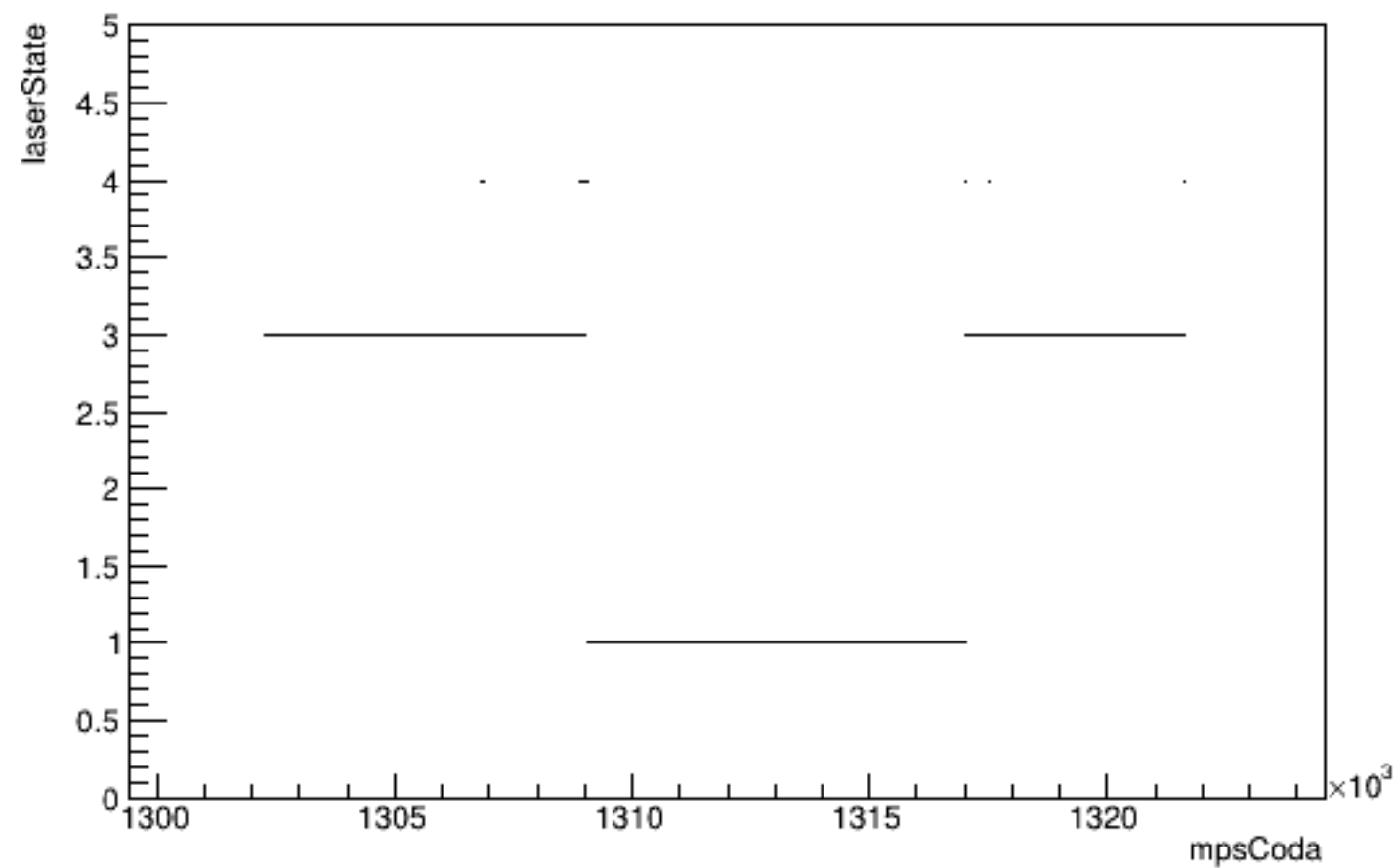
Run 5888 quartetwise, Asyms



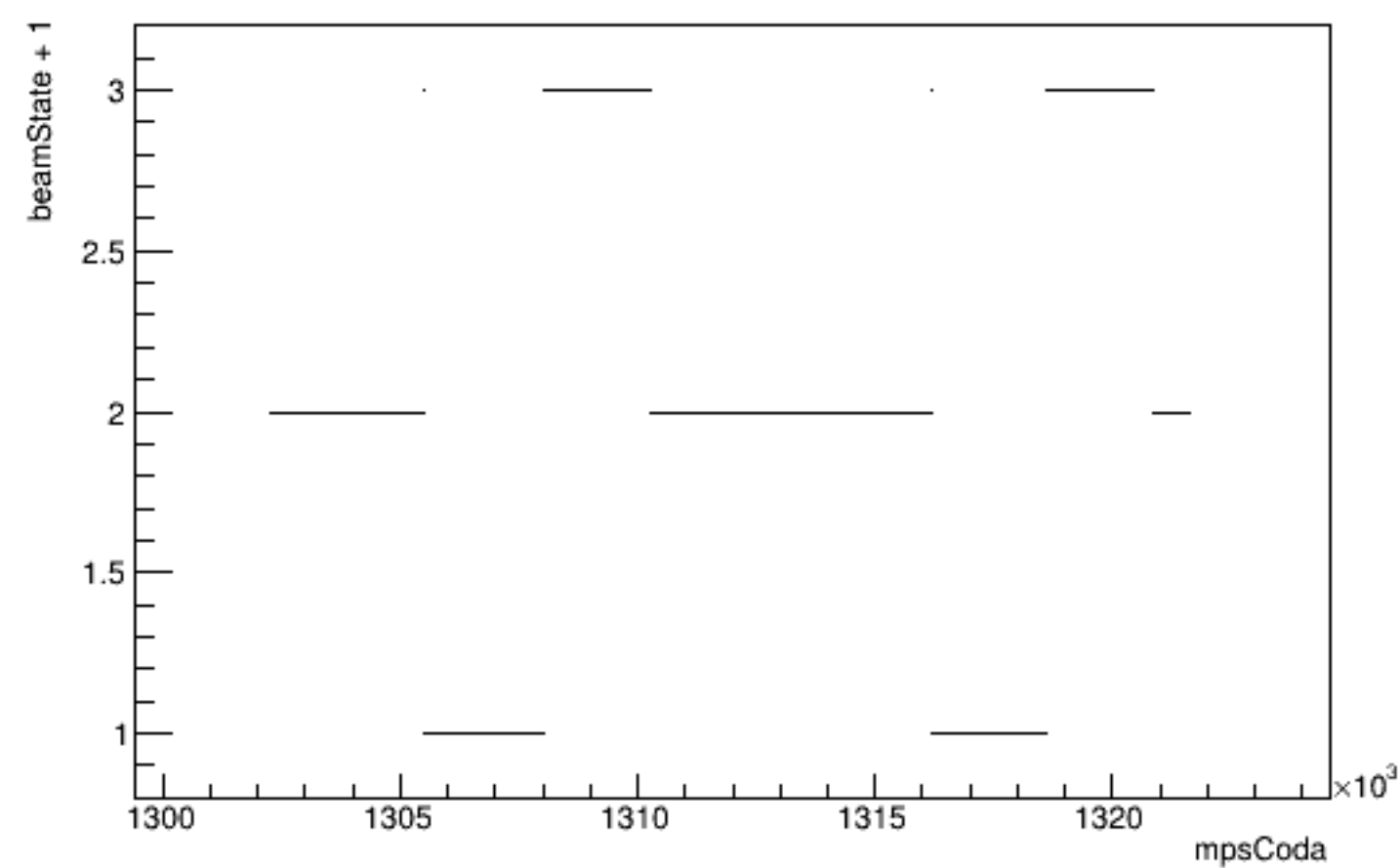
Acc0/NAcc0:mpsCoda (mpsCoda>=1302236 && mpsCoda<=1321651 && beamState==1)



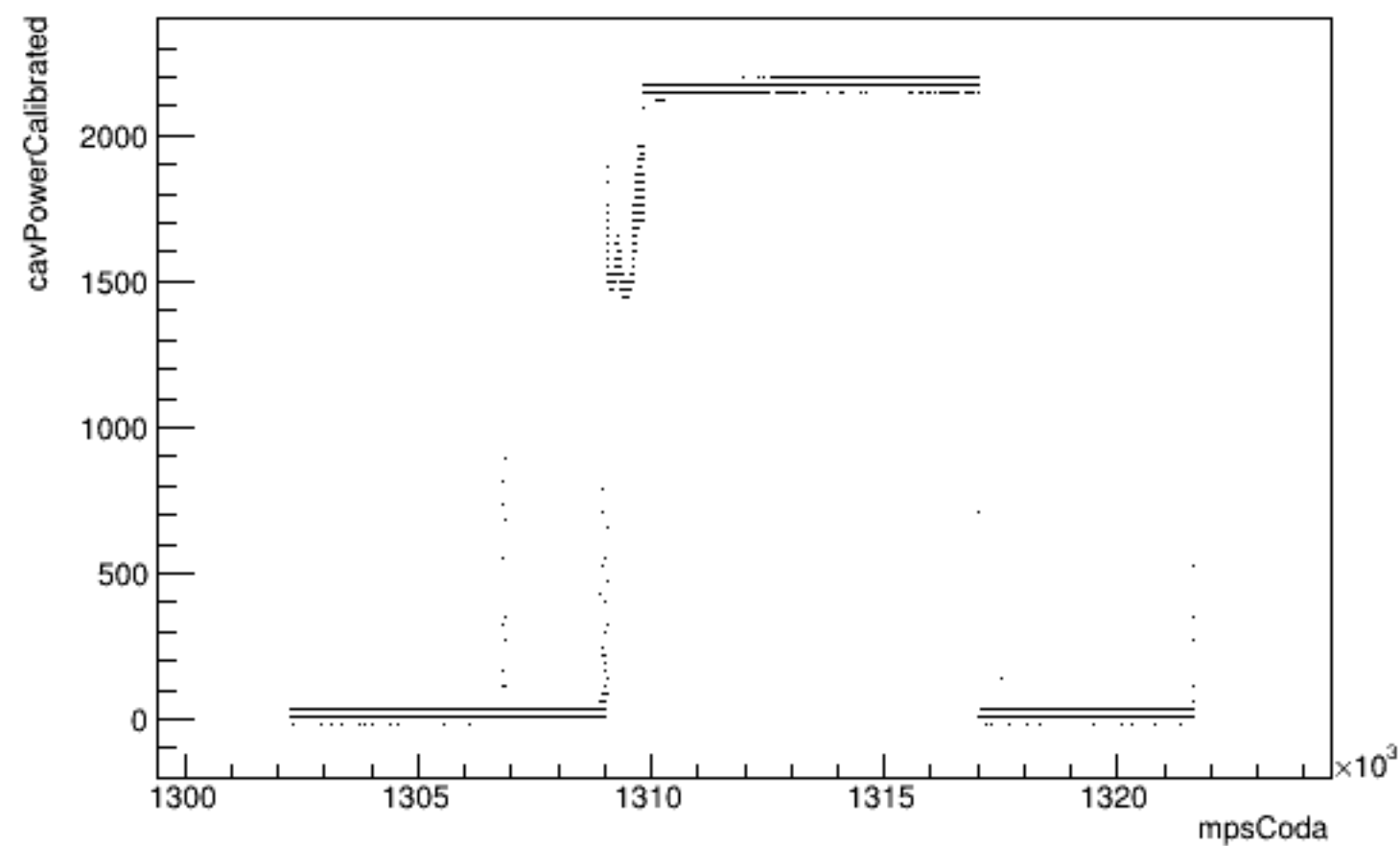
laserState:mpsCoda {mpsCoda>=1302236 && mpsCoda<=1321651}



beamState + 1:mpsCoda {mpsCoda>=1302236 && mpsCoda<=1321651}



cavPowerCalibrated:mpsCoda {mpsCoda>=1302236 && mpsCoda<=1321651}



bcm:mpsCoda {mpsCoda>=1302236 && mpsCoda<=1321651}

