

Cycle 1, Diffs

Entries: 1535

Mean: -0.0041 +/- 0.0102

Std Dev: 0.4016 +/- 0.0072

Entries: 1896

Mean: -0.7860 +/- 0.0122

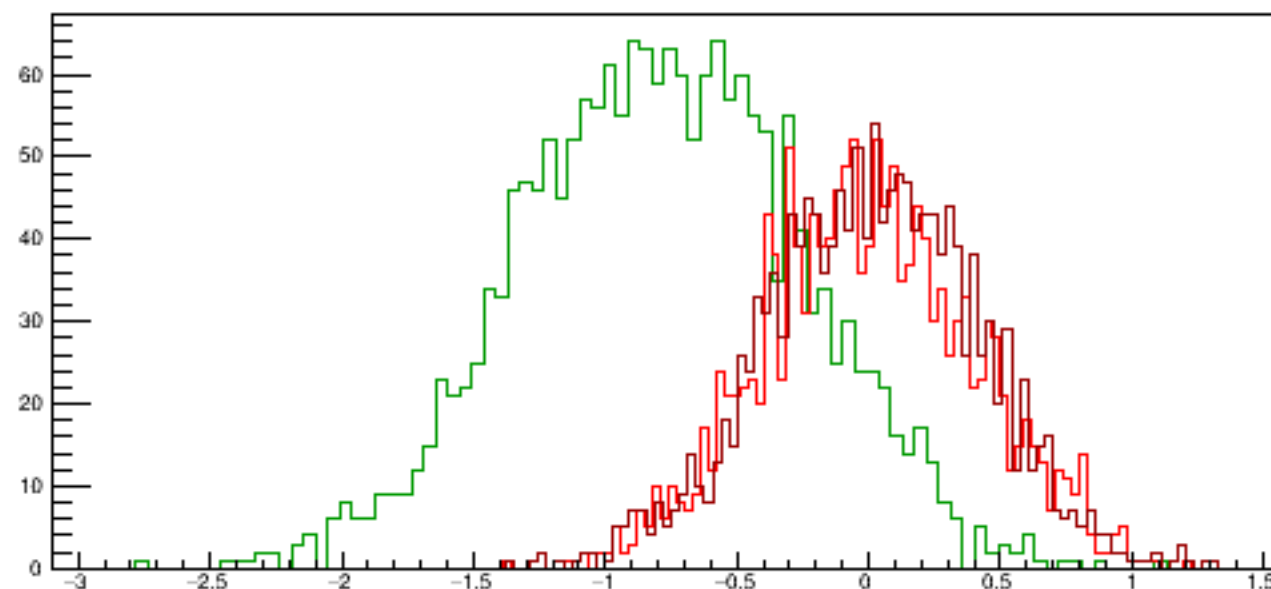
Std Dev: 0.5333 +/- 0.0087

Entries: 1535

Mean: 0.0120 +/- 0.0103

Std Dev: 0.4041 +/- 0.0073

Run 6090 quartetwise, Diffs



Cycle 1, Sums

Entries: 1535

Mean: 7.0594 +/- 0.0112

Std Dev: 0.4382 +/- 0.0079

Entries: 1896

Mean: 31.2691 +/- 0.0375

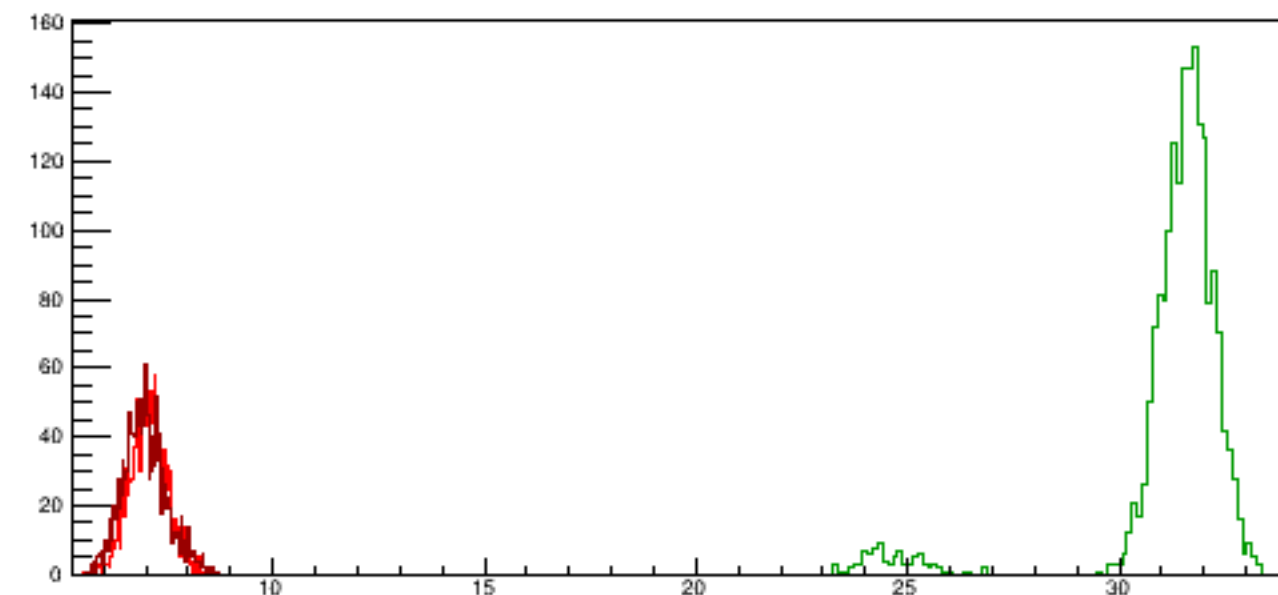
Std Dev: 1.6319 +/- 0.0265

Entries: 1535

Mean: 6.9827 +/- 0.0133

Std Dev: 0.5220 +/- 0.0094

Run 6090 quartetwise, Sums



Cycle 1, Asyms

Entries: 1535

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0166 +/- 0.0003

Entries: 1896

Mean: -0.0324 +/- 0.0005

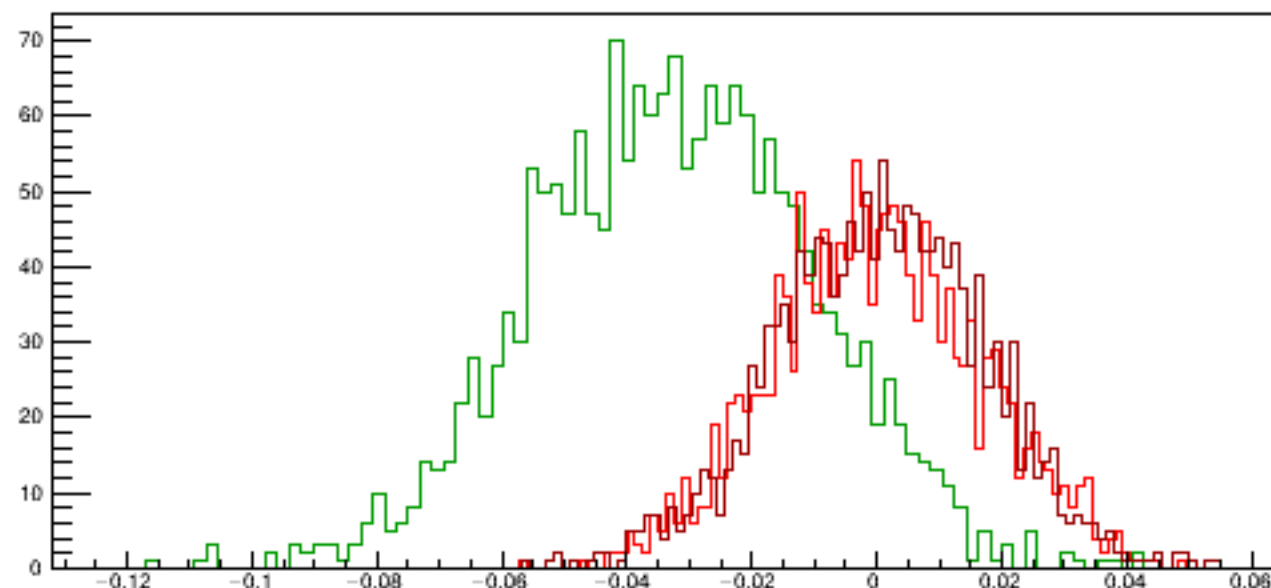
Std Dev: 0.0222 +/- 0.0004

Entries: 1535

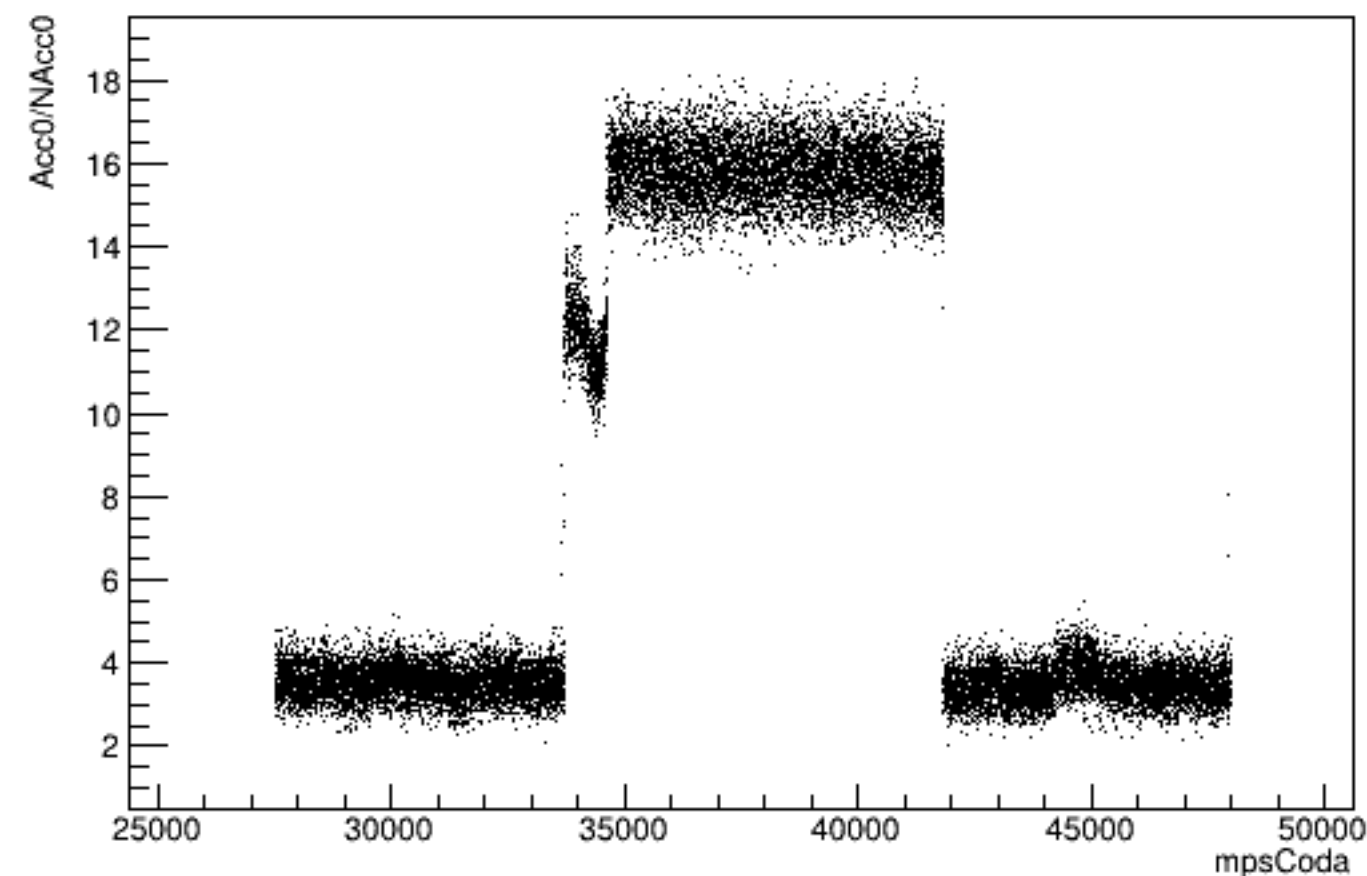
Mean: 0.0005 +/- 0.0004

Std Dev: 0.0167 +/- 0.0003

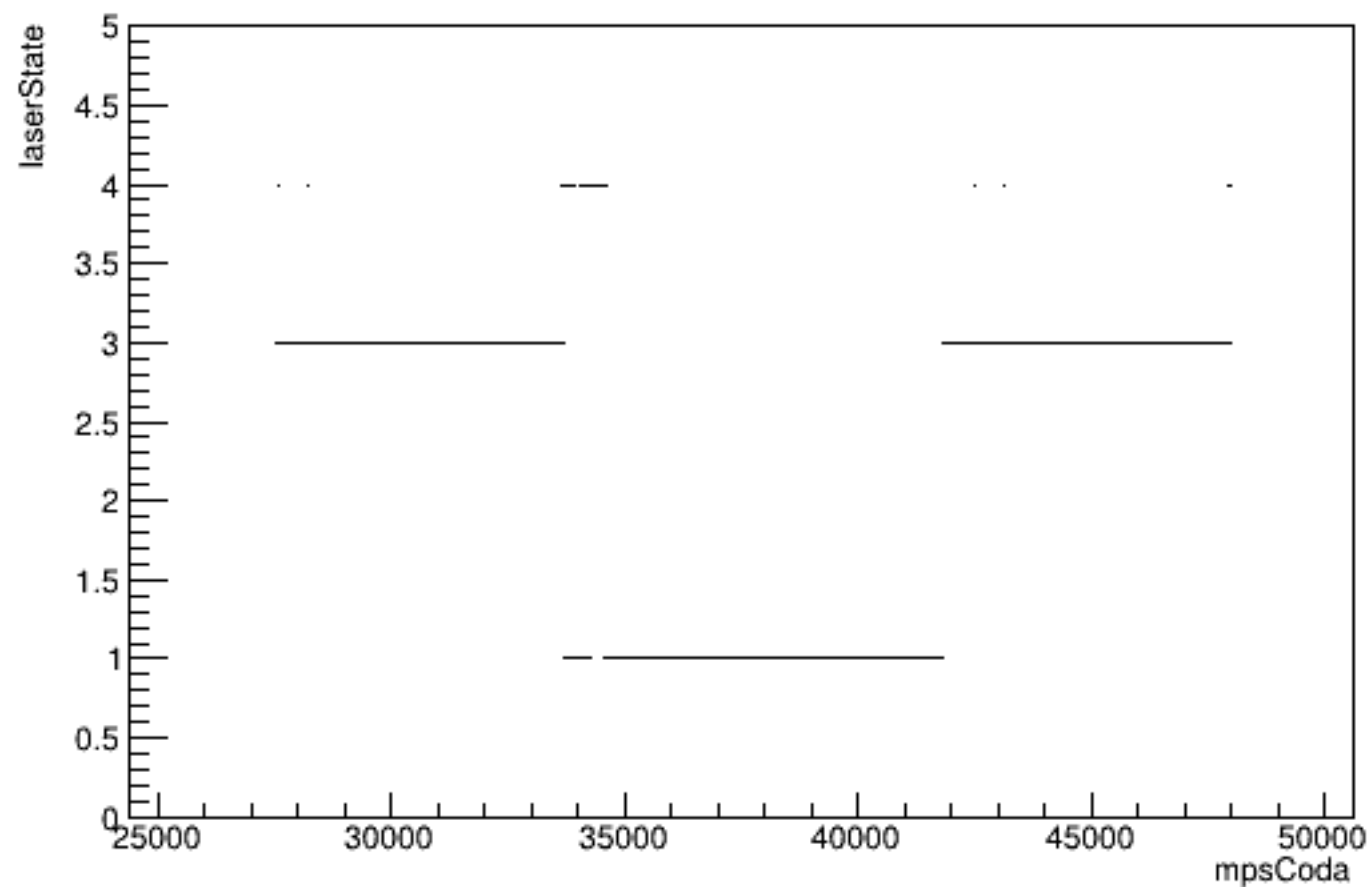
Run 6090 quartetwise, Asyms



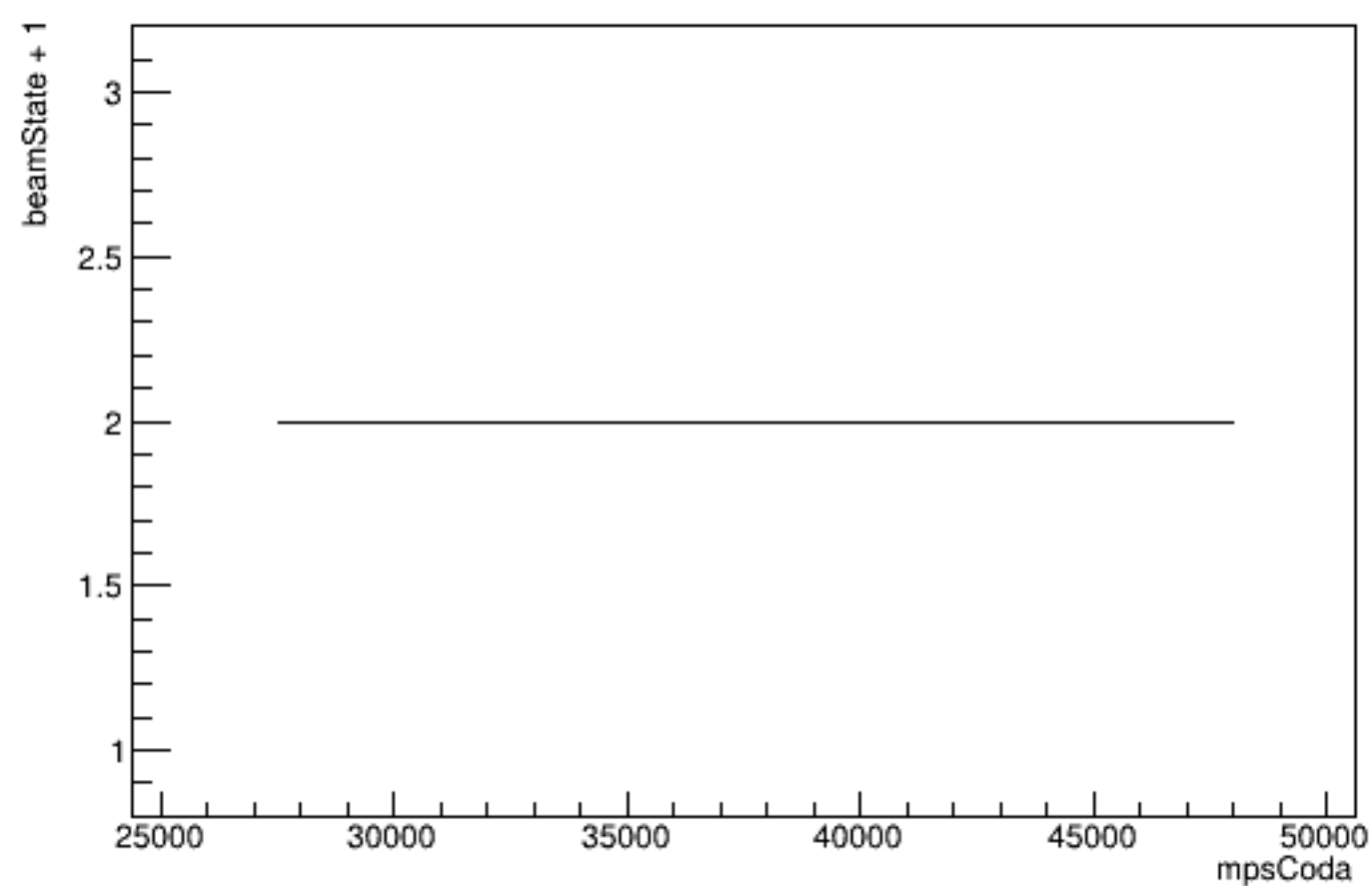
Acc0/NAcc0:mpsCoda {mpsCoda>=27516 && mpsCoda<=47991 && beamState==1}



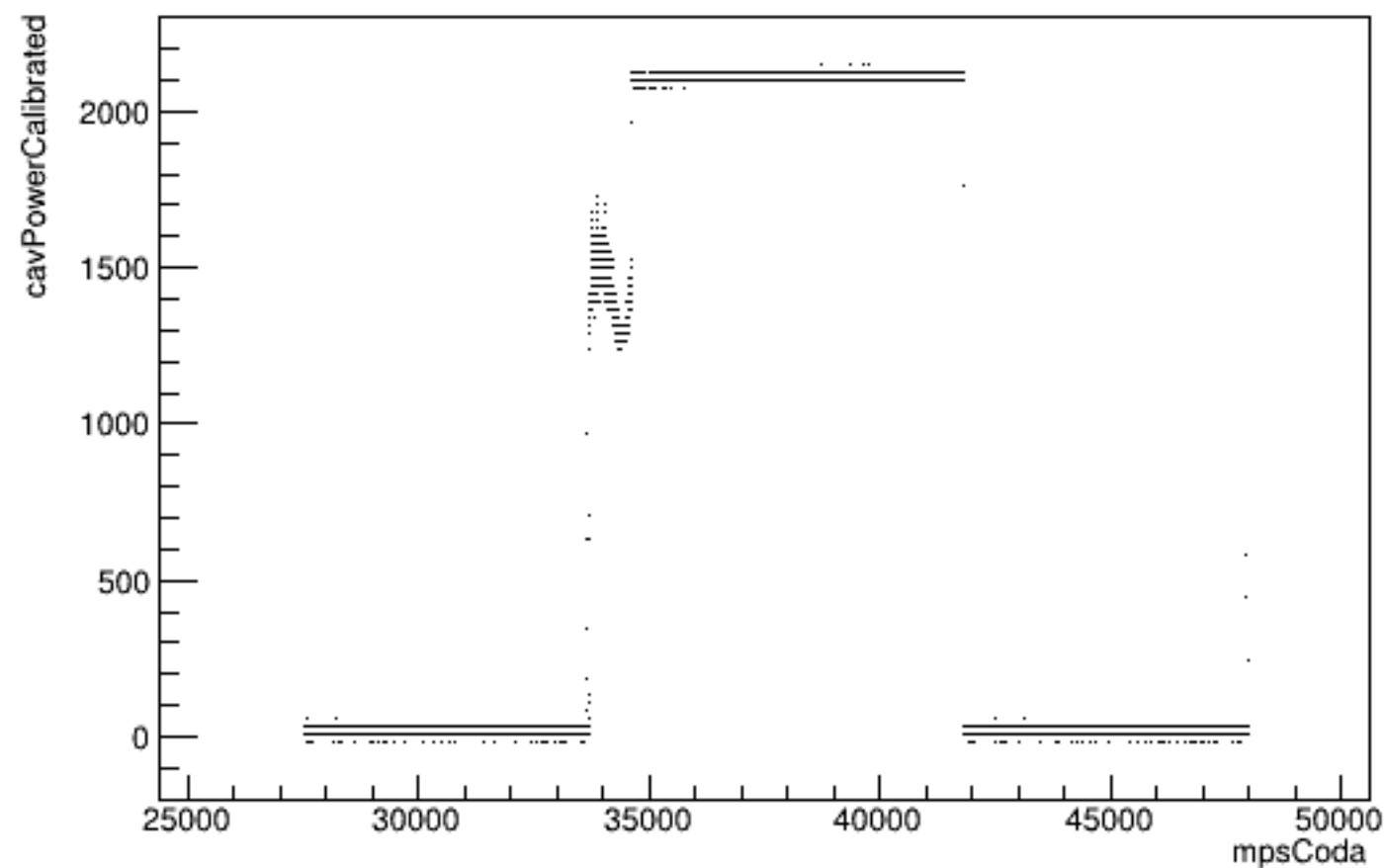
laserState:mpsCoda {mpsCoda>=27516 && mpsCoda<=47991}



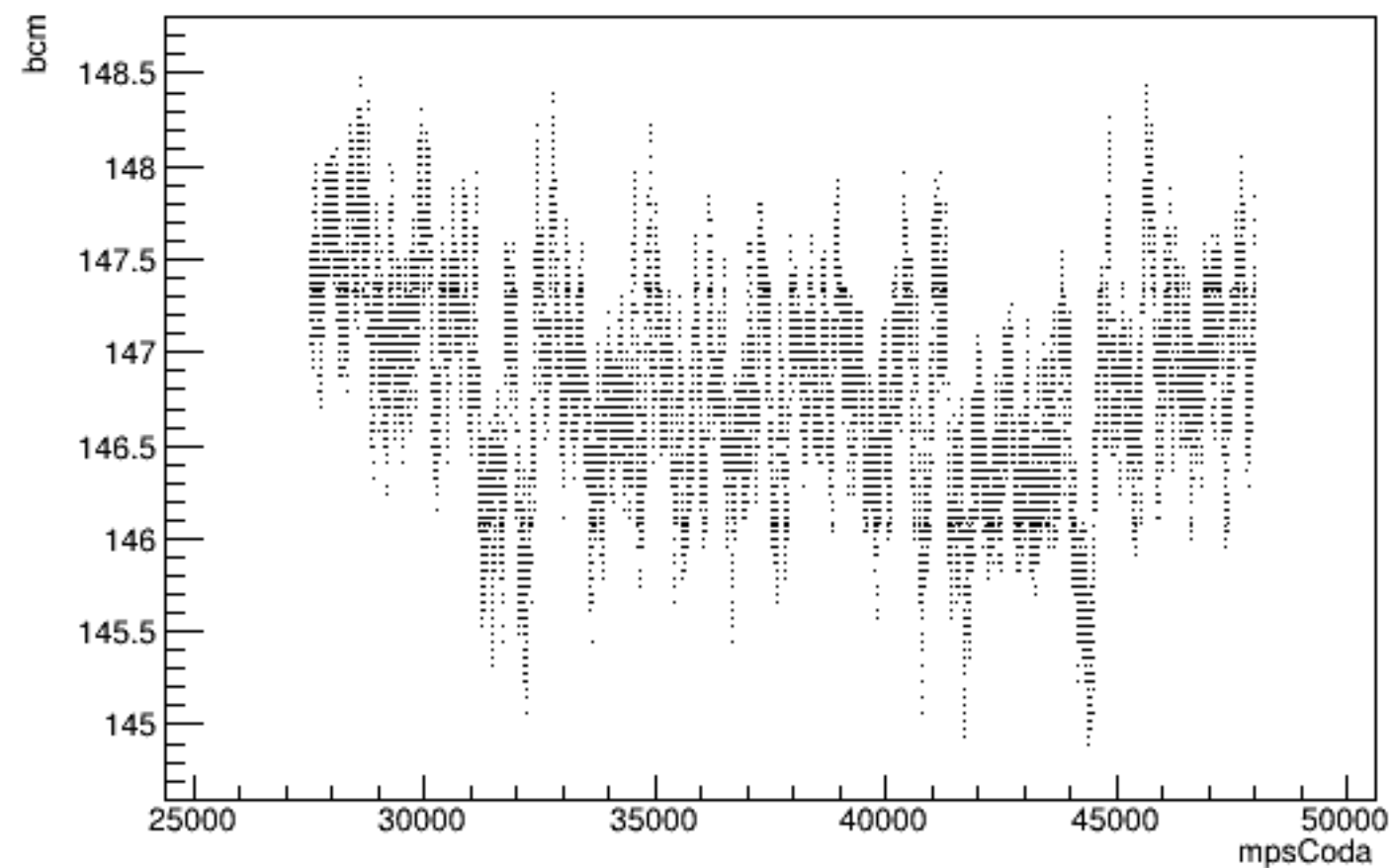
beamState + 1:mpsCoda {mpsCoda>=27516 && mpsCoda<=47991}



cavPowerCalibrated:mpsCoda {mpsCoda>=27516 && mpsCoda<=47991}



bcm:mpsCoda {mpsCoda>=27516 && mpsCoda<=47991}



Cycle 2, Diffs

Entries: 1535

Mean: 0.0120 +/- 0.0103

Std Dev: 0.4041 +/- 0.0073

Entries: 1817

Mean: -0.7618 +/- 0.0127

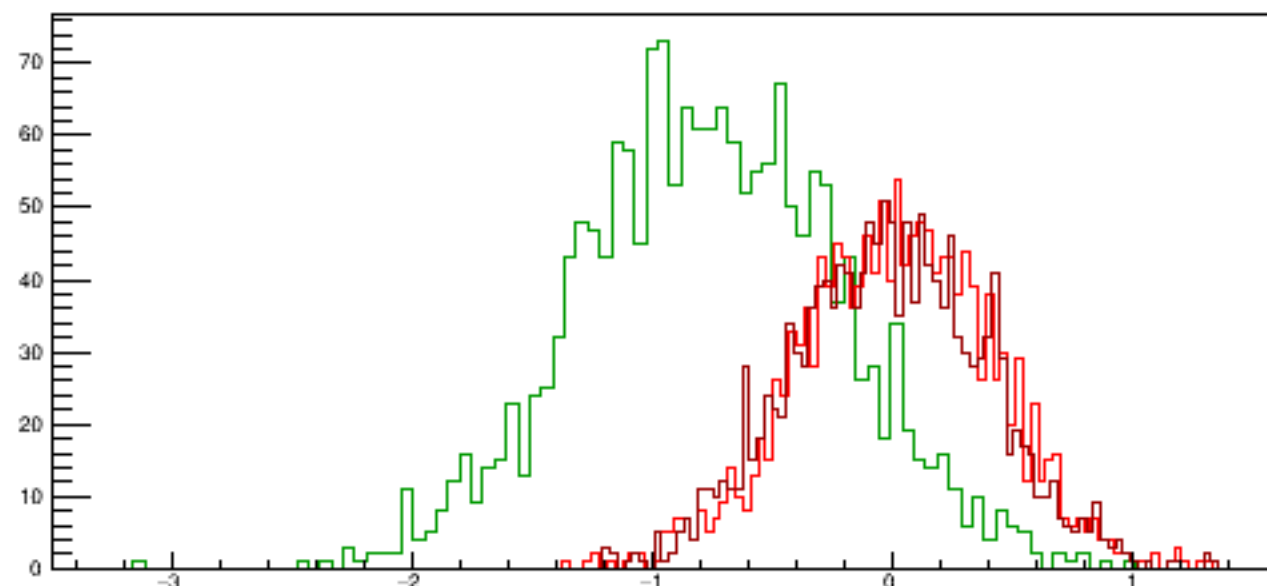
Std Dev: 0.5417 +/- 0.0090

Entries: 1535

Mean: -0.0197 +/- 0.0103

Std Dev: 0.4039 +/- 0.0073

Run 6090 quartetwise, Diffs



Cycle 2, Sums

Entries: 1535

Mean: 6.9827 +/- 0.0133

Std Dev: 0.5220 +/- 0.0094

Entries: 1817

Mean: 30.8678 +/- 0.0218

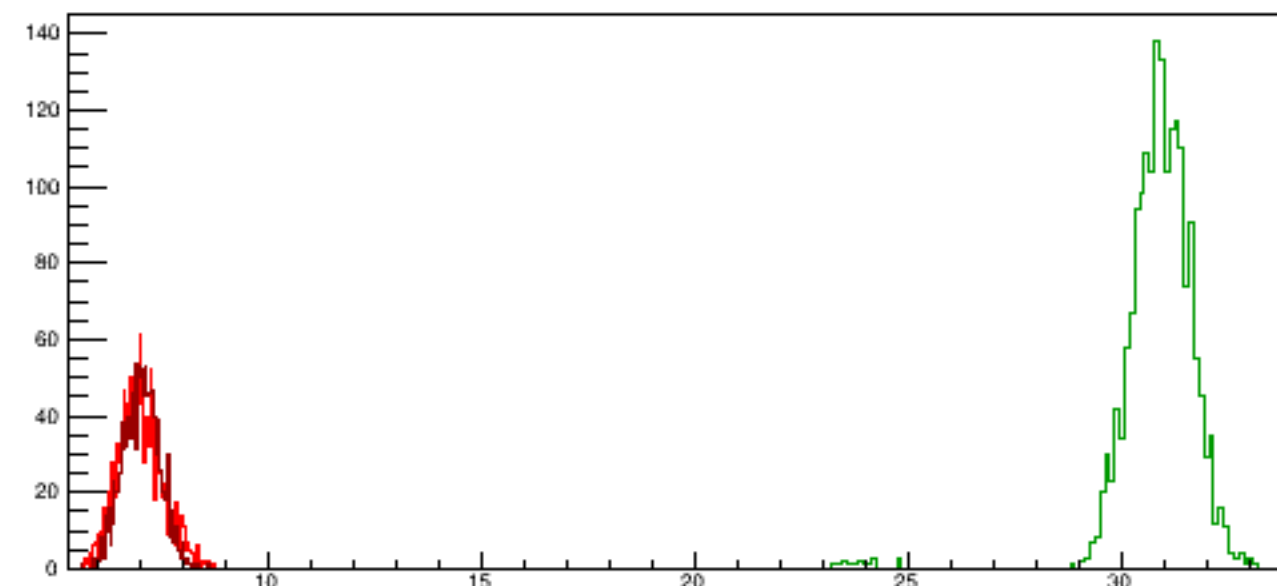
Std Dev: 0.9274 +/- 0.0154

Entries: 1535

Mean: 7.0232 +/- 0.0109

Std Dev: 0.4253 +/- 0.0077

Run 6090 quartetwise, Sums



Cycle 2, Asyms

Entries: 1535

Mean: 0.0005 +/- 0.0004

Std Dev: 0.0169 +/- 0.0003

Entries: 1817

Mean: -0.0319 +/- 0.0005

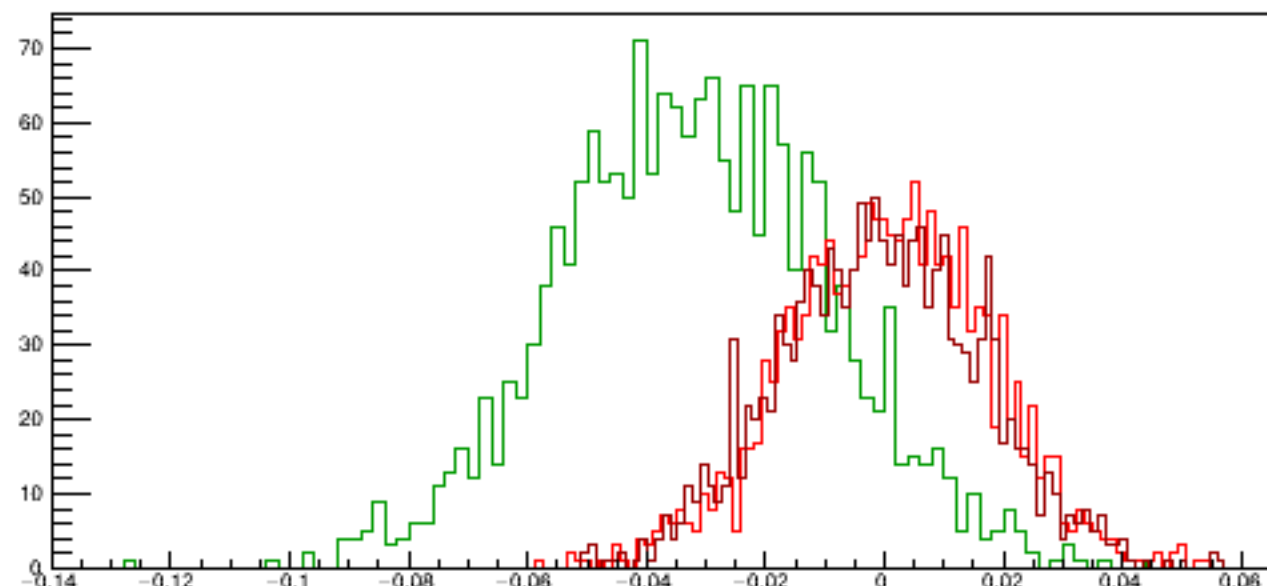
Std Dev: 0.0227 +/- 0.0004

Entries: 1535

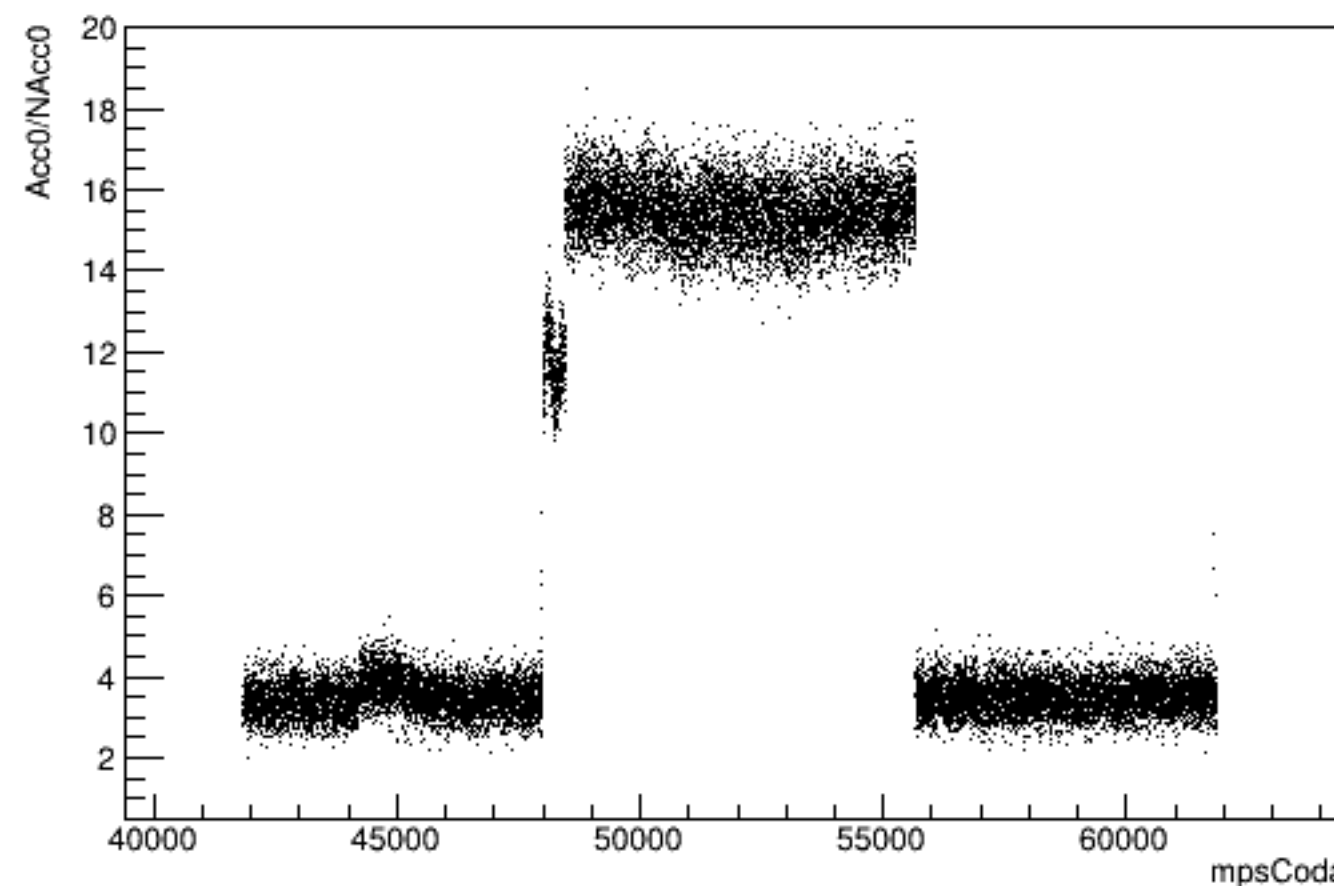
Mean: -0.0008 +/- 0.0004

Std Dev: 0.0169 +/- 0.0003

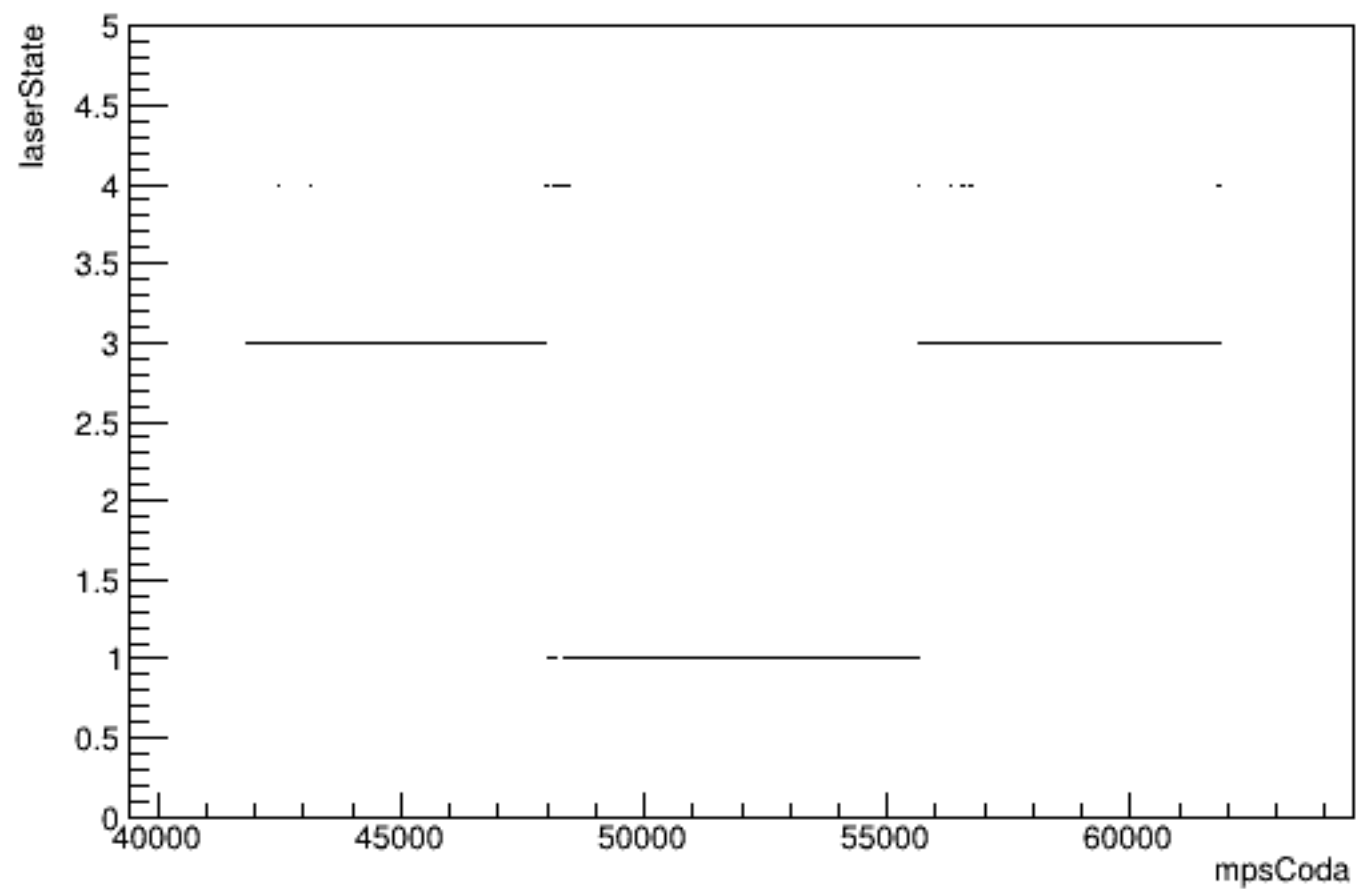
Run 6090 quartetwise, Asyms



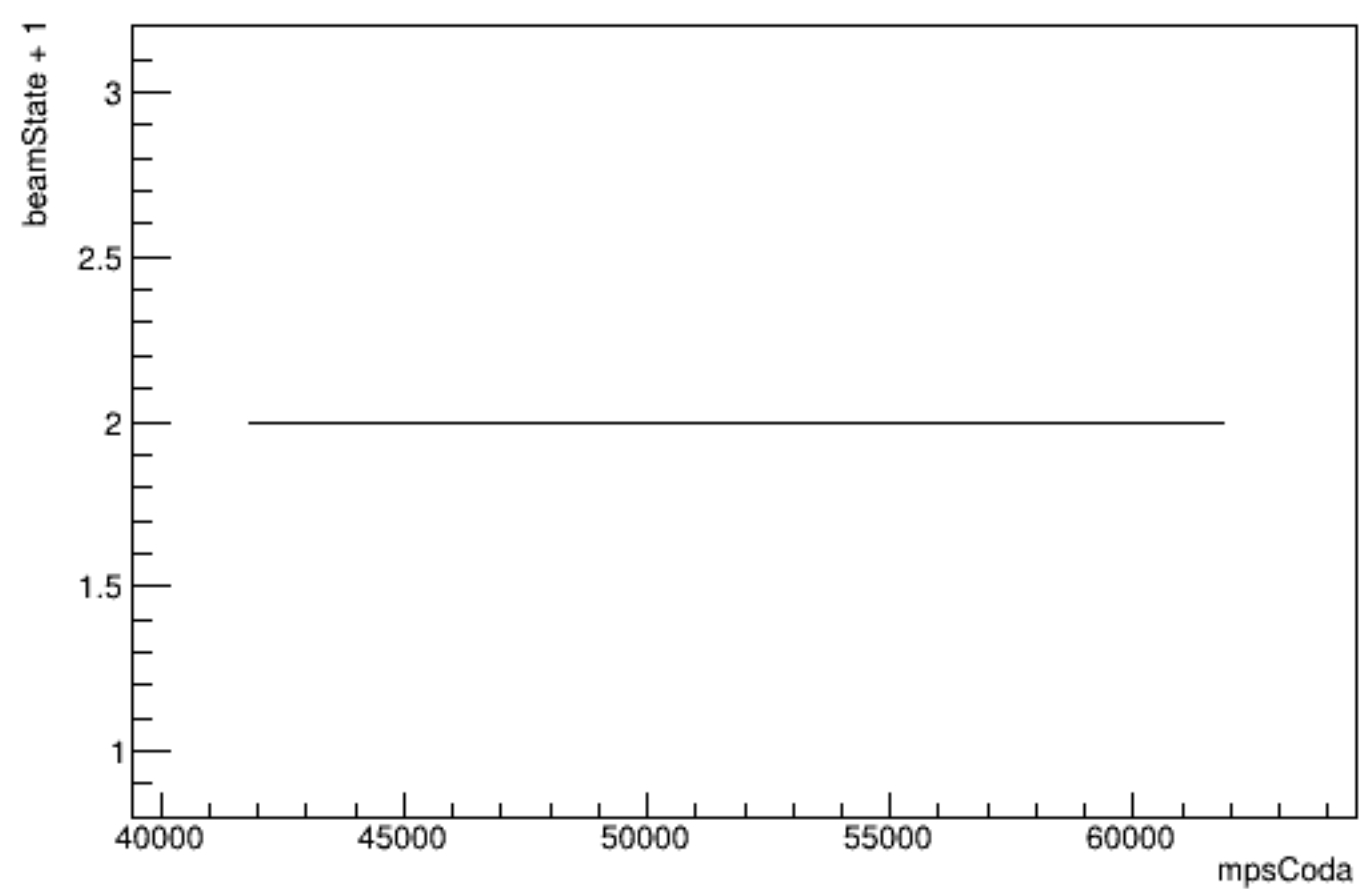
Acc0/NAcc0:mpsCoda {mpsCoda>=41836 && mpsCoda<=61847 && beamState==1}



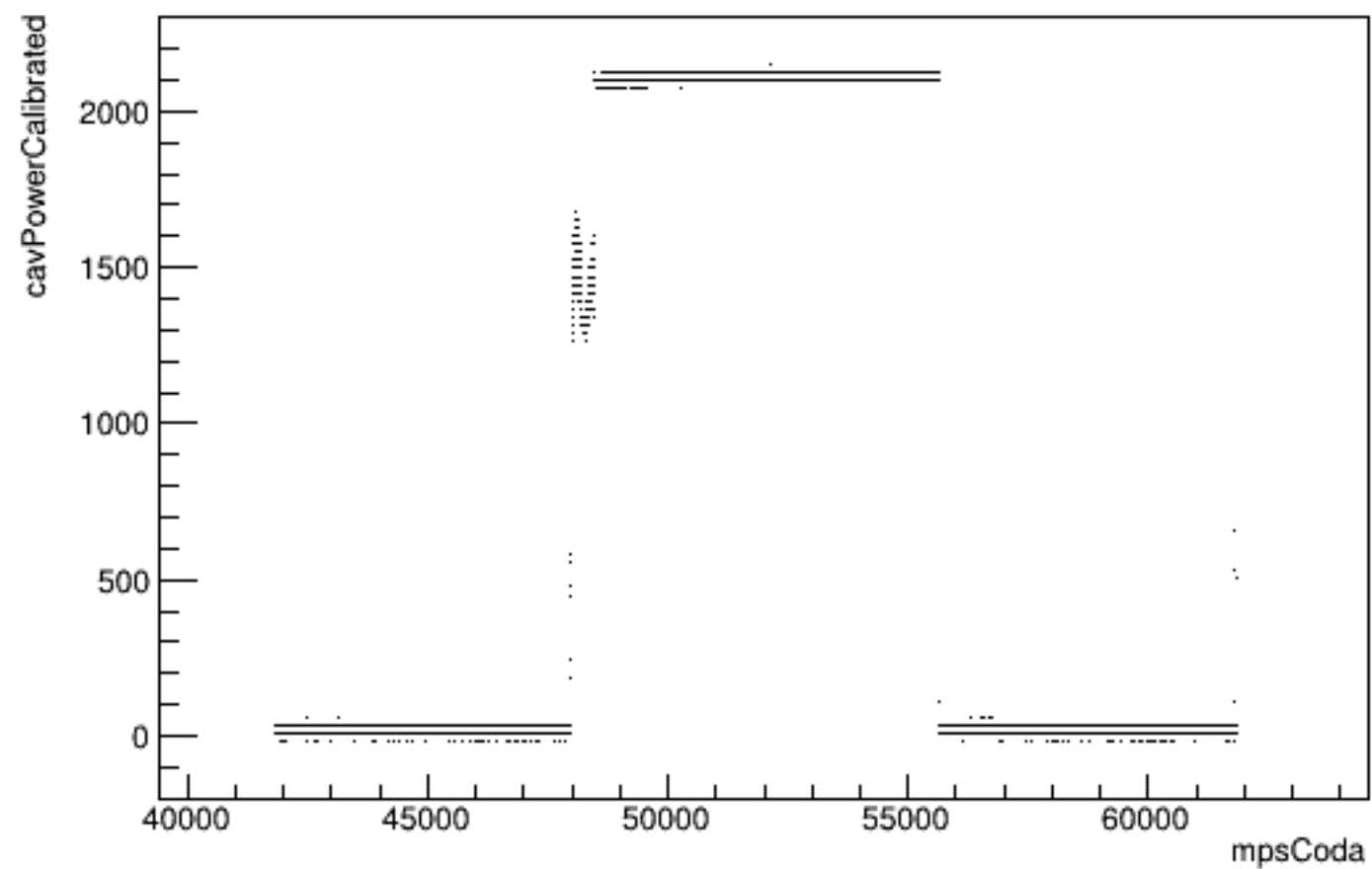
laserState:mpsCoda {mpsCoda>=41836 && mpsCoda<=61847}



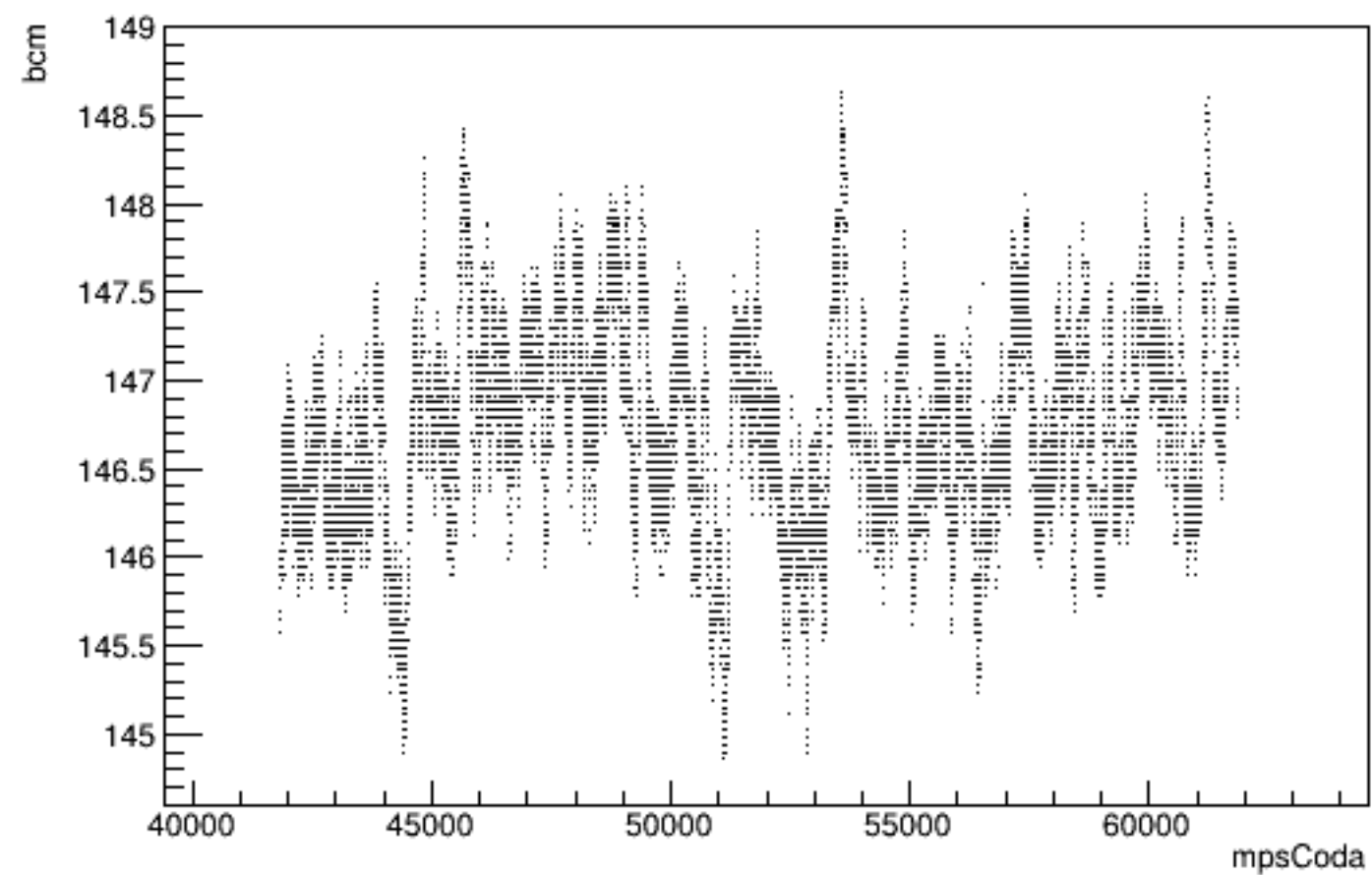
beamState + 1:mpsCoda {mpsCoda>=41836 && mpsCoda<=61847}



cavPowerCalibrated:mpsCoda {mpsCoda>=41836 && mpsCoda<=61847}



bcm:mpsCoda {mpsCoda>=41836 && mpsCoda<=61847}



Cycle 3, Diffs

Entries: 1535

Mean: -0.0197 +/- 0.0103

Std Dev: 0.4039 +/- 0.0073

Entries: 1801

Mean: -0.8078 +/- 0.0126

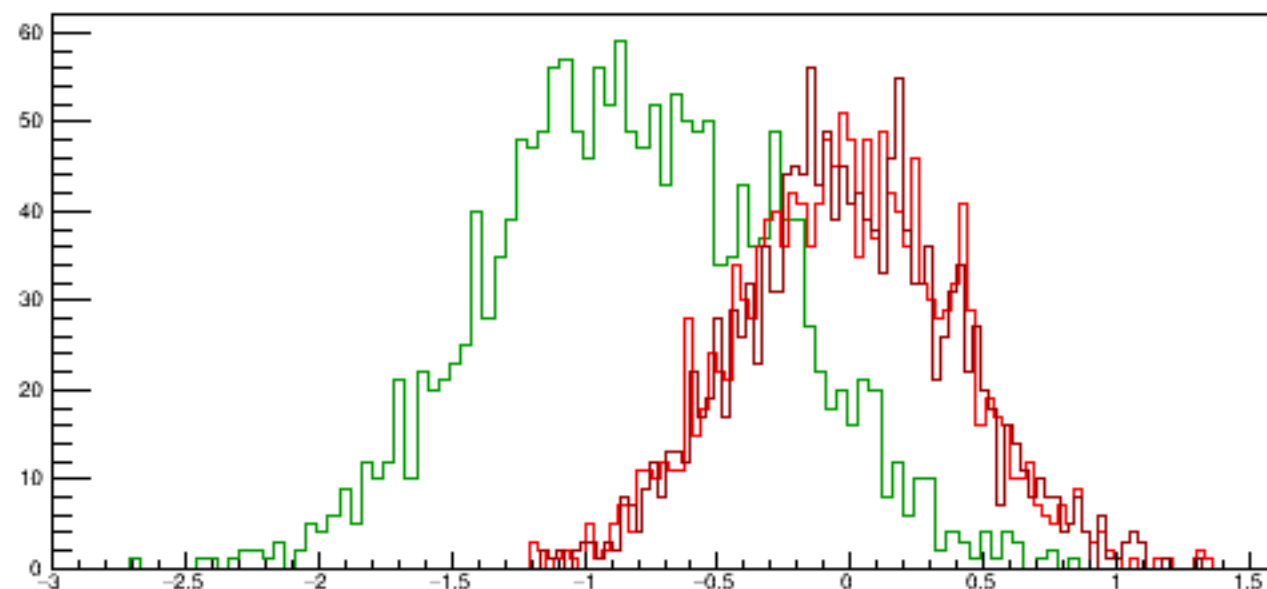
Std Dev: 0.5364 +/- 0.0089

Entries: 1535

Mean: -0.0113 +/- 0.0103

Std Dev: 0.4026 +/- 0.0073

Run 6090 quartetwise, Diffs



Cycle 3, Sums

Entries: 1535

Mean: 7.0232 +/- 0.0109

Std Dev: 0.4253 +/- 0.0077

Entries: 1801

Mean: 32.0610 +/- 0.0142

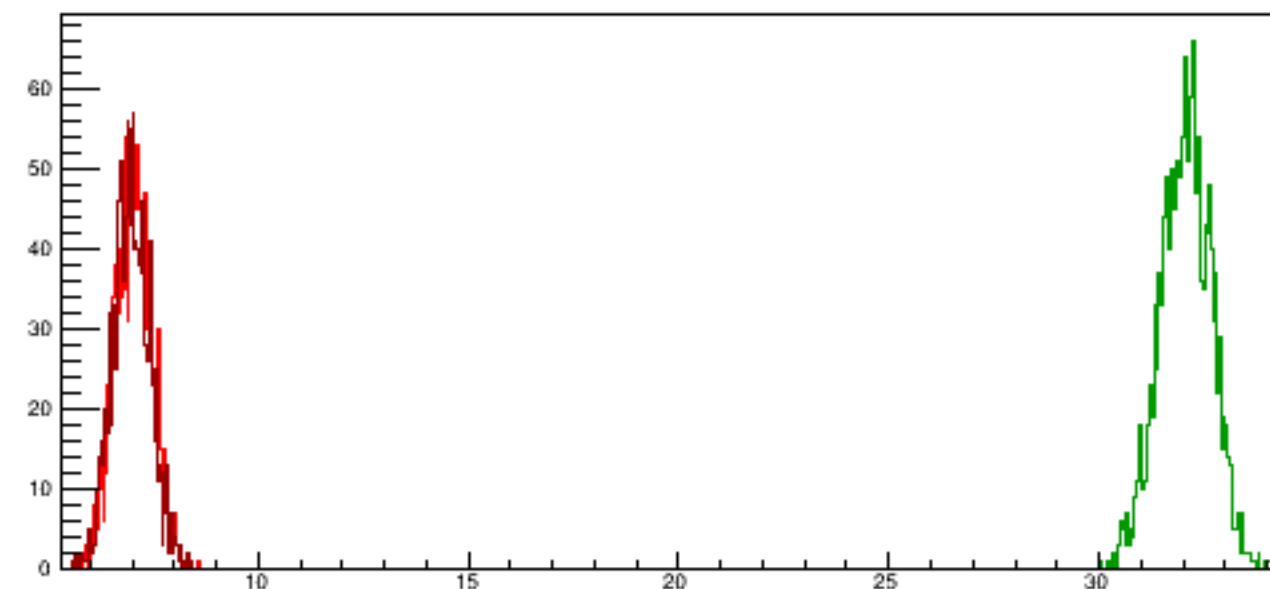
Std Dev: 0.6017 +/- 0.0100

Entries: 1535

Mean: 6.9727 +/- 0.0110

Std Dev: 0.4296 +/- 0.0078

Run 6090 quartetwise, Sums



Cycle 3, Asyms

Entries: 1535

Mean: -0.0008 +/- 0.0004

Std Dev: 0.0161 +/- 0.0003

Entries: 1801

Mean: -0.0322 +/- 0.0005

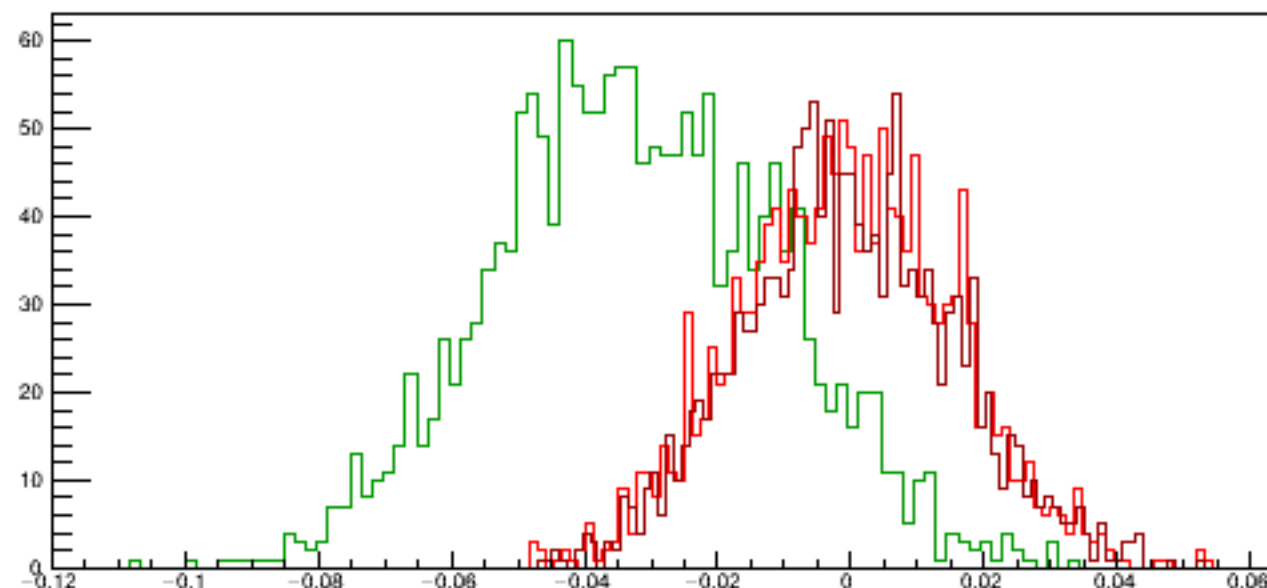
Std Dev: 0.0214 +/- 0.0004

Entries: 1535

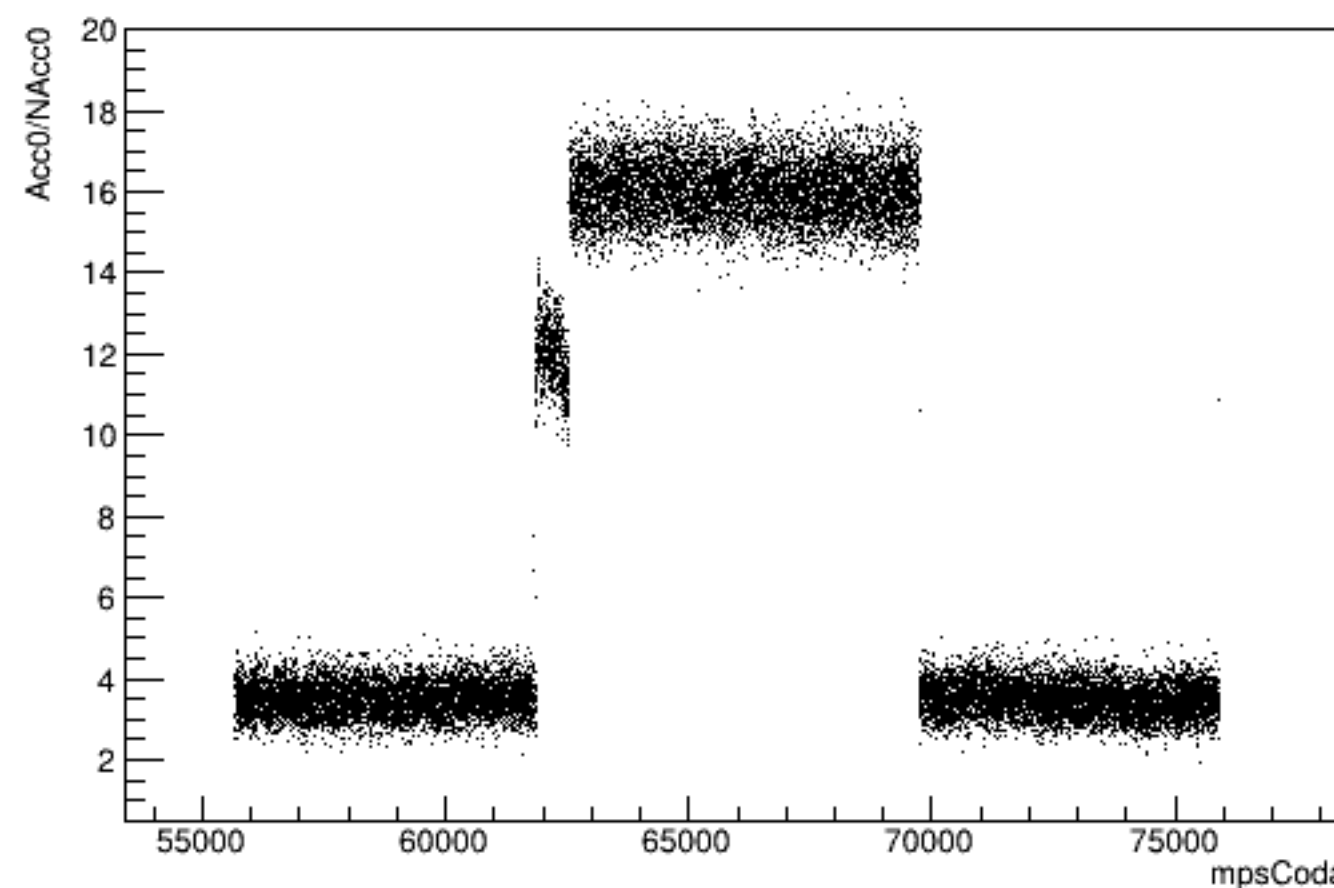
Mean: -0.0005 +/- 0.0004

Std Dev: 0.0161 +/- 0.0003

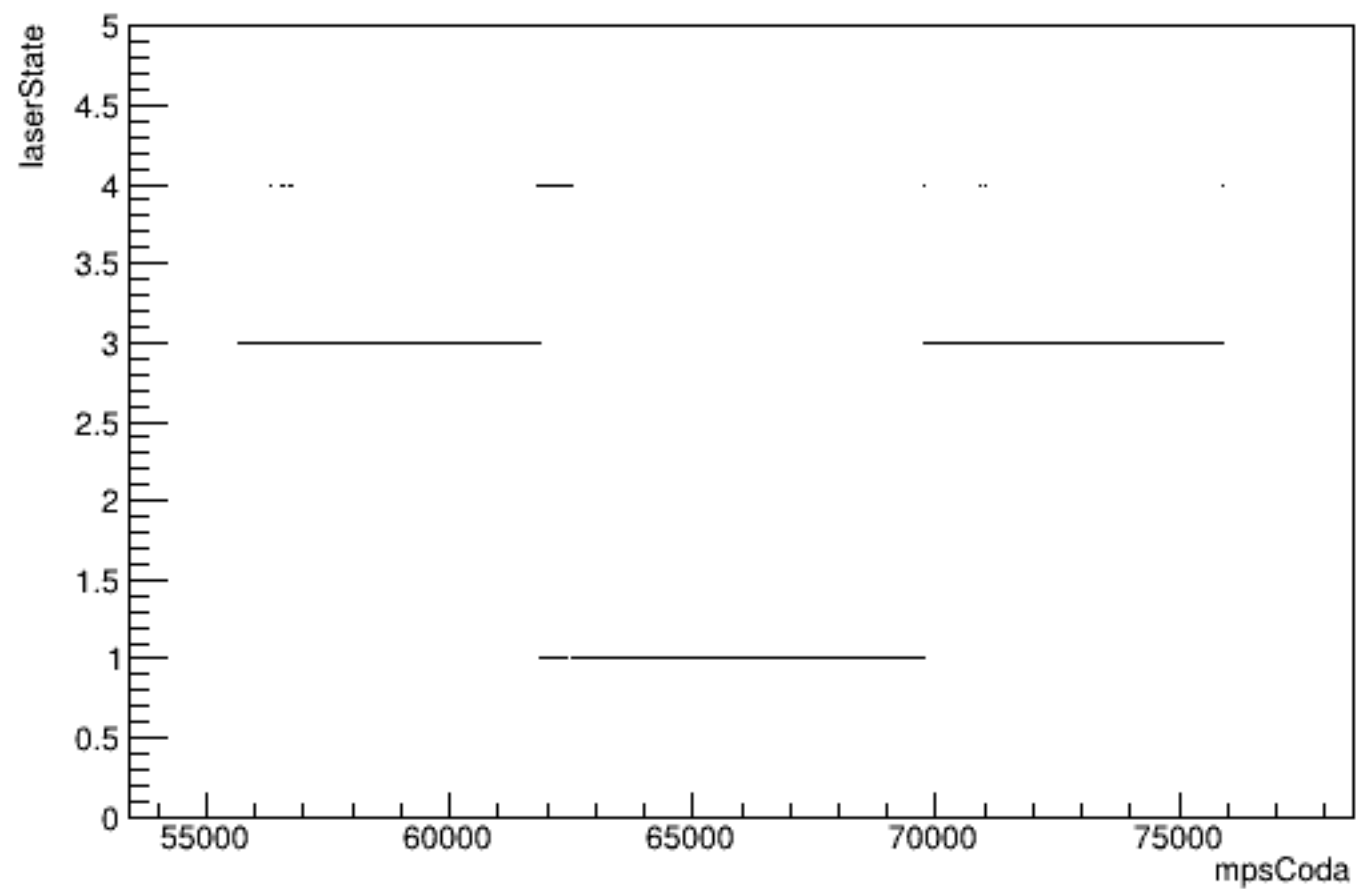
Run 6090 quartetwise, Asyms



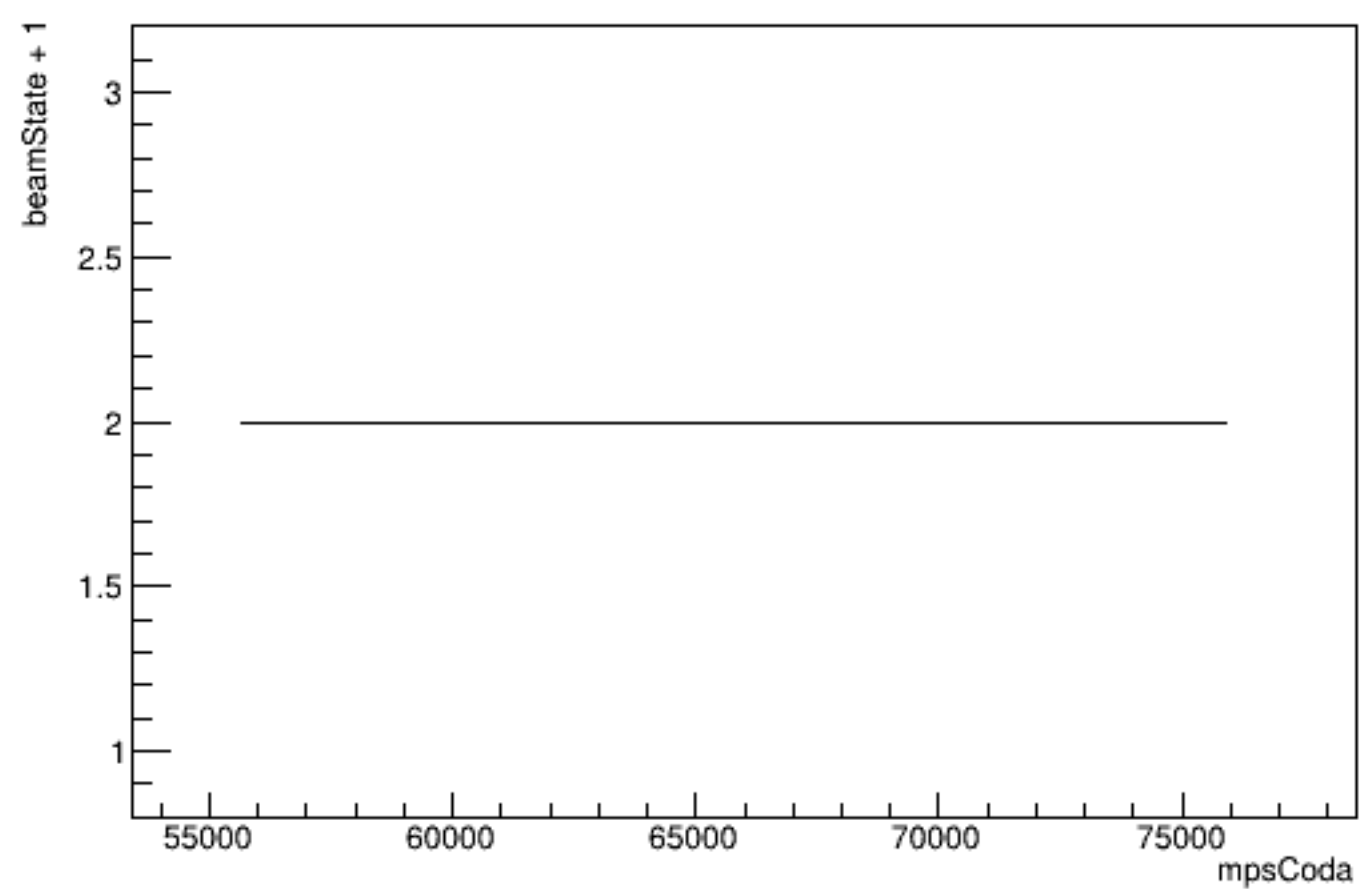
Acc0/NAcc0:mpsCoda {mpsCoda>=55672 && mpsCoda<=75903 && beamState==1}



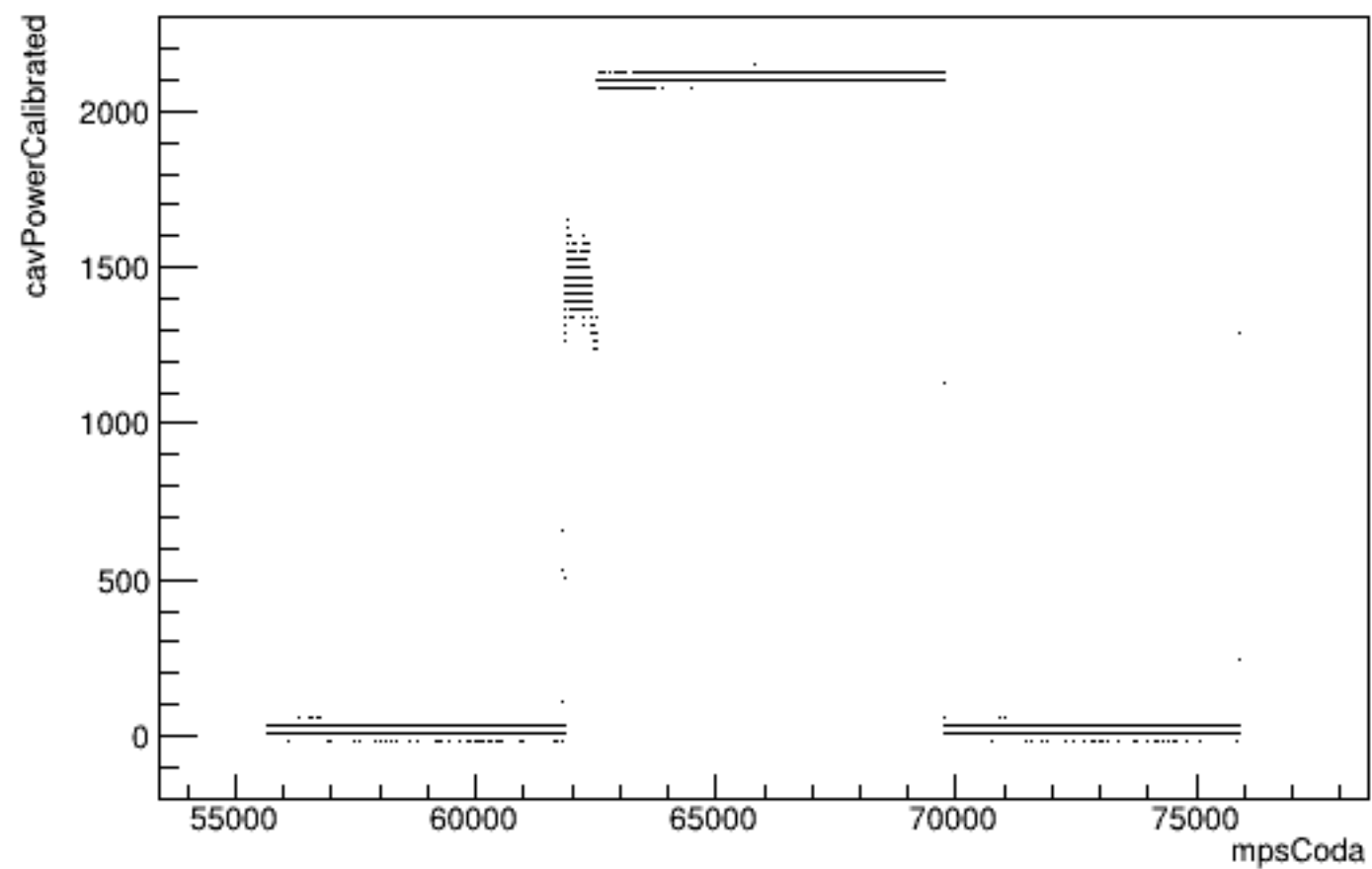
laserState:mpsCoda {mpsCoda>=55672 && mpsCoda<=75903}



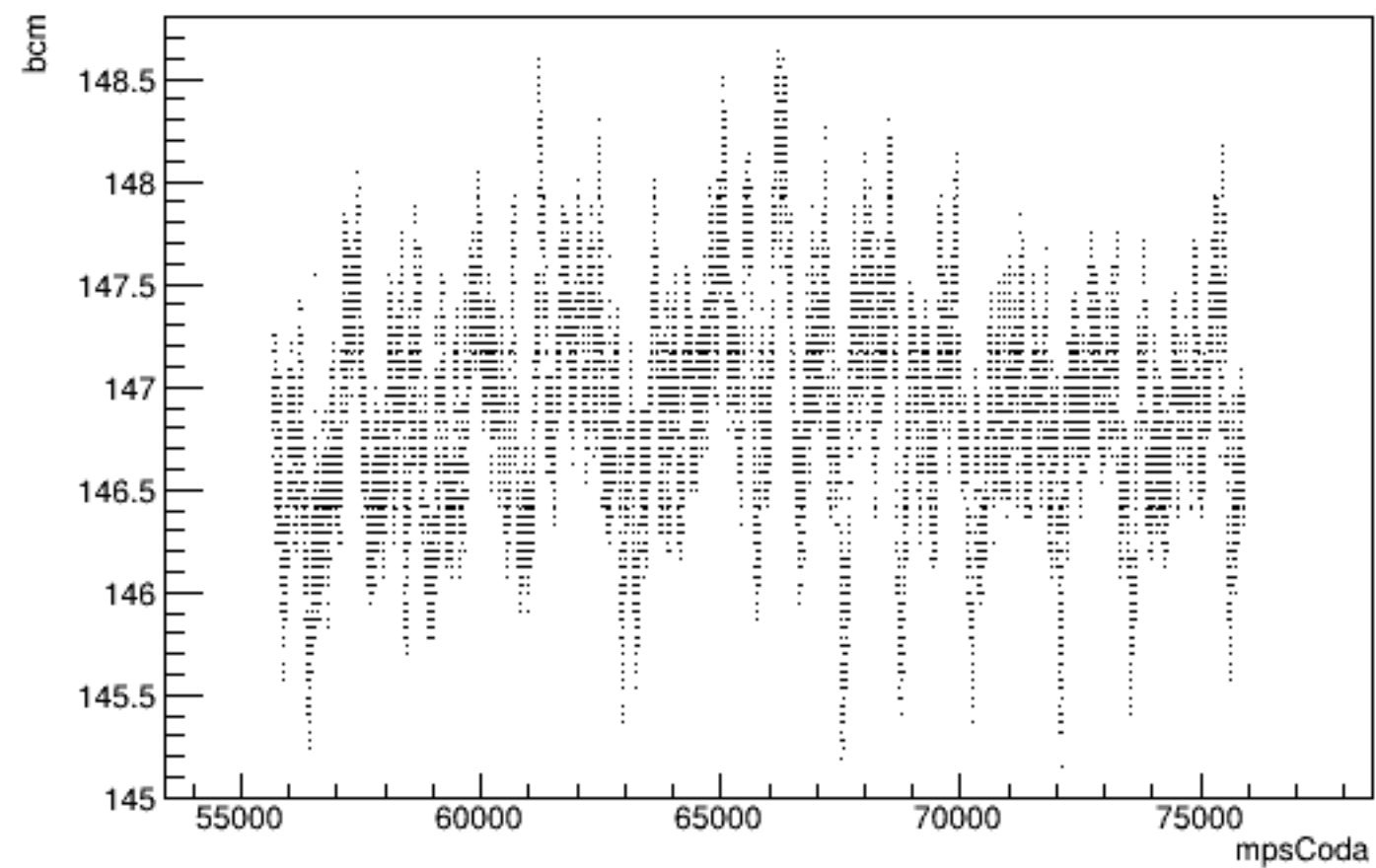
beamState + 1:mpsCoda {mpsCoda>=55672 && mpsCoda<=75903}



cavPowerCalibrated:mpsCoda {mpsCoda>=55672 && mpsCoda<=75903}



bcm:mpsCoda {mpsCoda>=55672 && mpsCoda<=75903}



Cycle 4, Diffs

Entries: 1535

Mean: -0.0113 +/- 0.0103

Std Dev: 0.4026 +/- 0.0073

Entries: 1801

Mean: -0.7890 +/- 0.0124

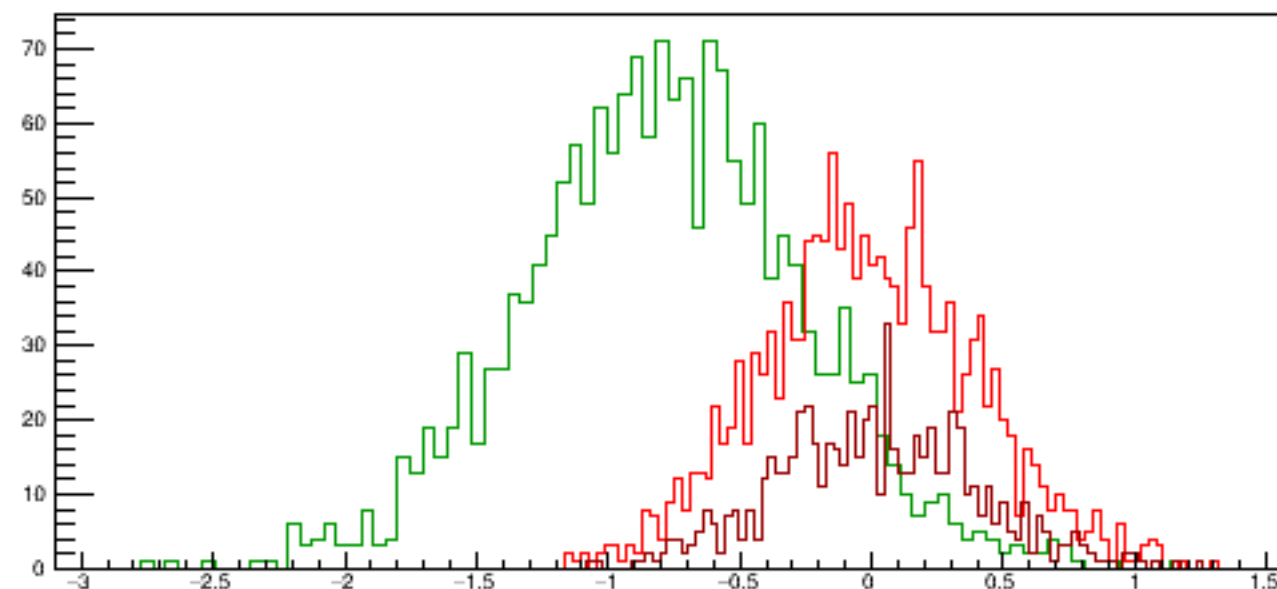
Std Dev: 0.5282 +/- 0.0088

Entries: 655

Mean: 0.0131 +/- 0.0149

Std Dev: 0.3806 +/- 0.0105

Run 6090 quartetwise, Diffs



Cycle 4, Sums

Entries: 1535

Mean: 6.9727 +/- 0.0110

Std Dev: 0.4296 +/- 0.0078

Entries: 1801

Mean: 31.8462 +/- 0.0142

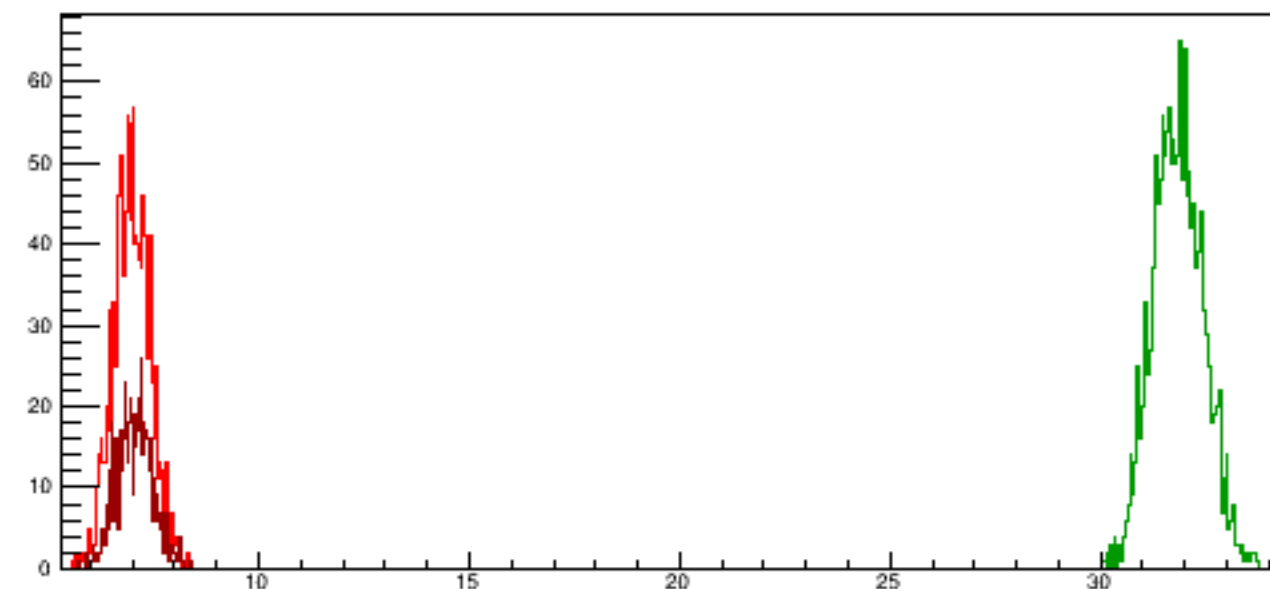
Std Dev: 0.6040 +/- 0.0101

Entries: 655

Mean: 7.0582 +/- 0.0169

Std Dev: 0.4322 +/- 0.0119

Run 6090 quartetwise, Sums



Cycle 4, Asyms

Entries: 1535

Mean: -0.0005 +/- 0.0004

Std Dev: 0.0162 +/- 0.0003

Entries: 1801

Mean: -0.0318 +/- 0.0005

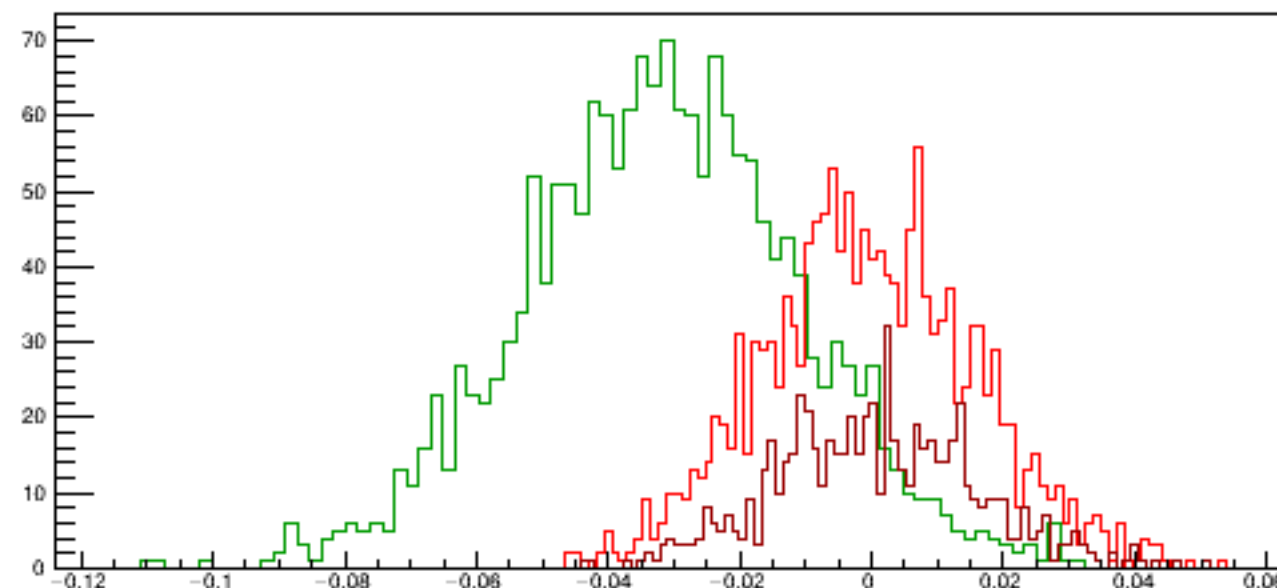
Std Dev: 0.0212 +/- 0.0004

Entries: 655

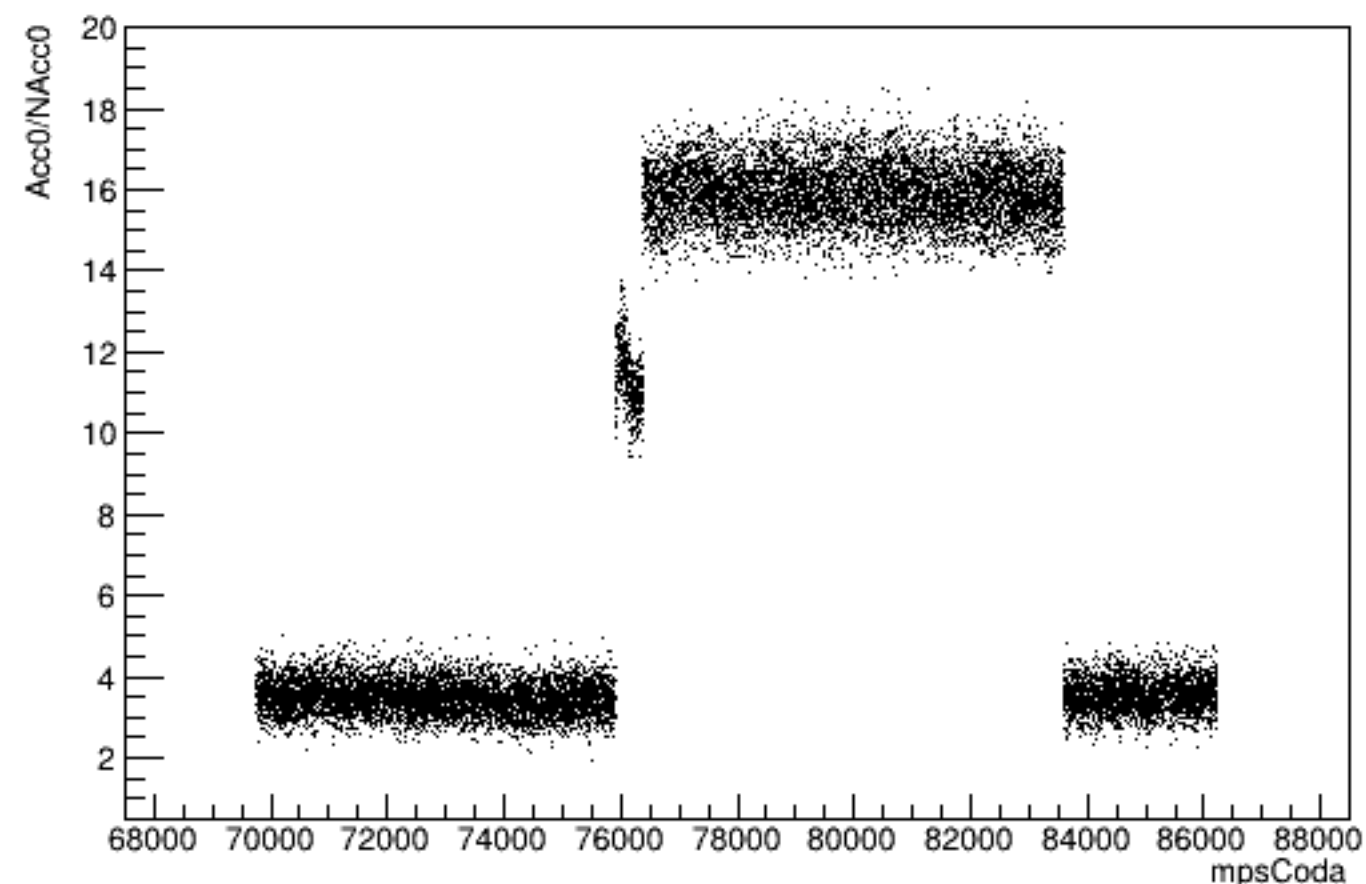
Mean: 0.0005 +/- 0.0006

Std Dev: 0.0153 +/- 0.0004

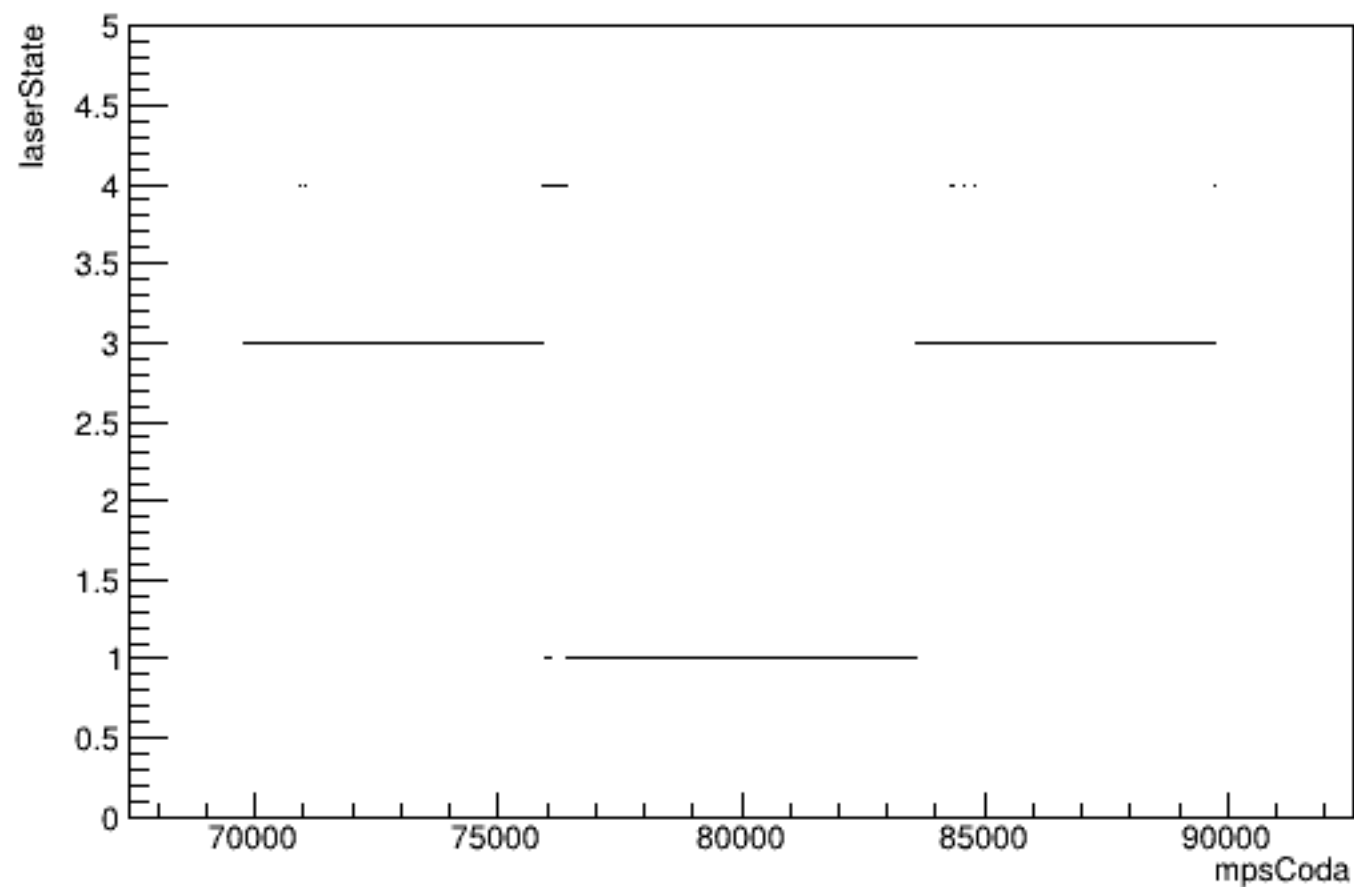
Run 6090 quartetwise, Asyms



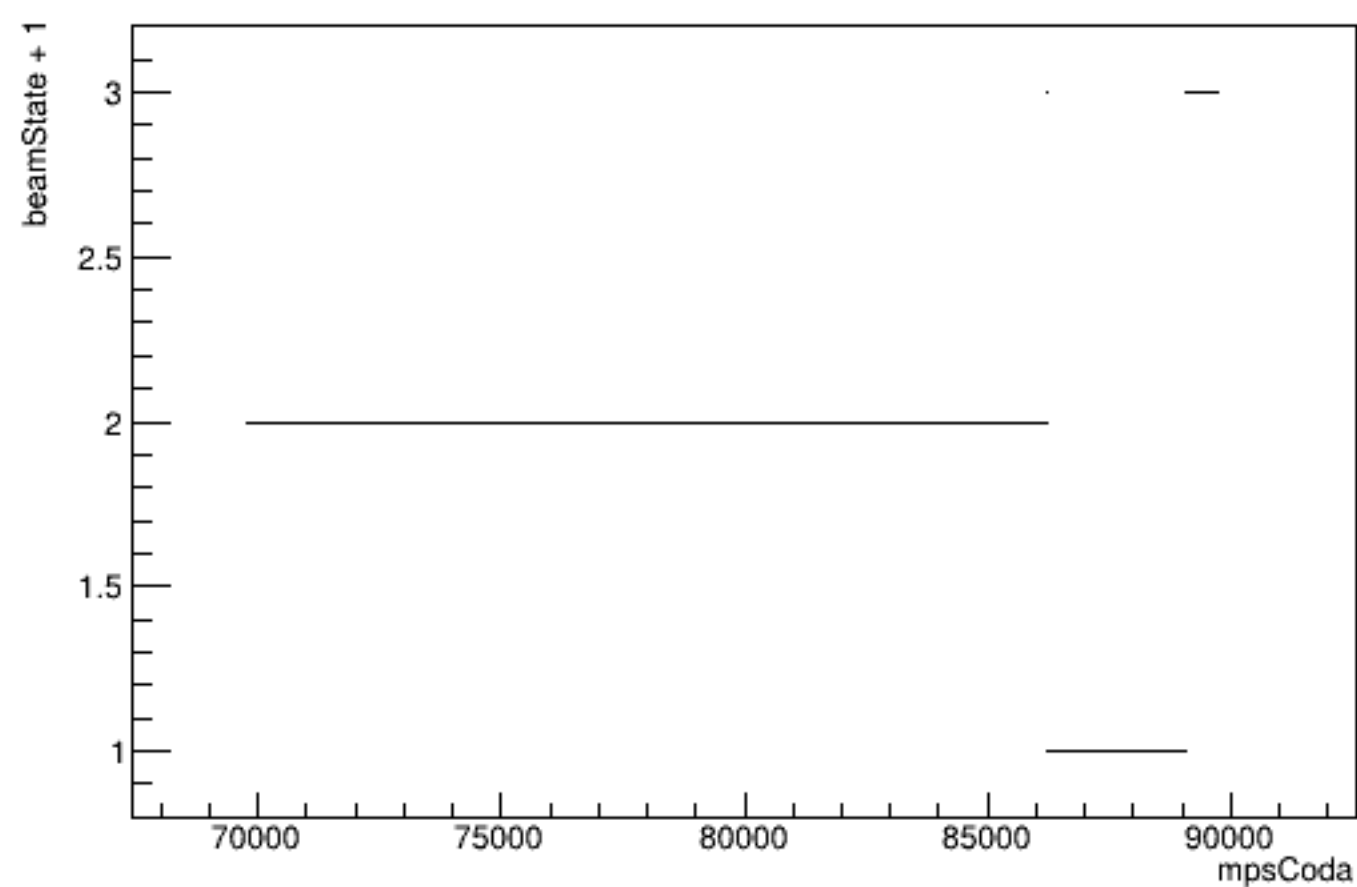
Acc0/NAcc0:mpsCoda {mpsCoda>=69752 && mpsCoda<=89763 && beamState==1}



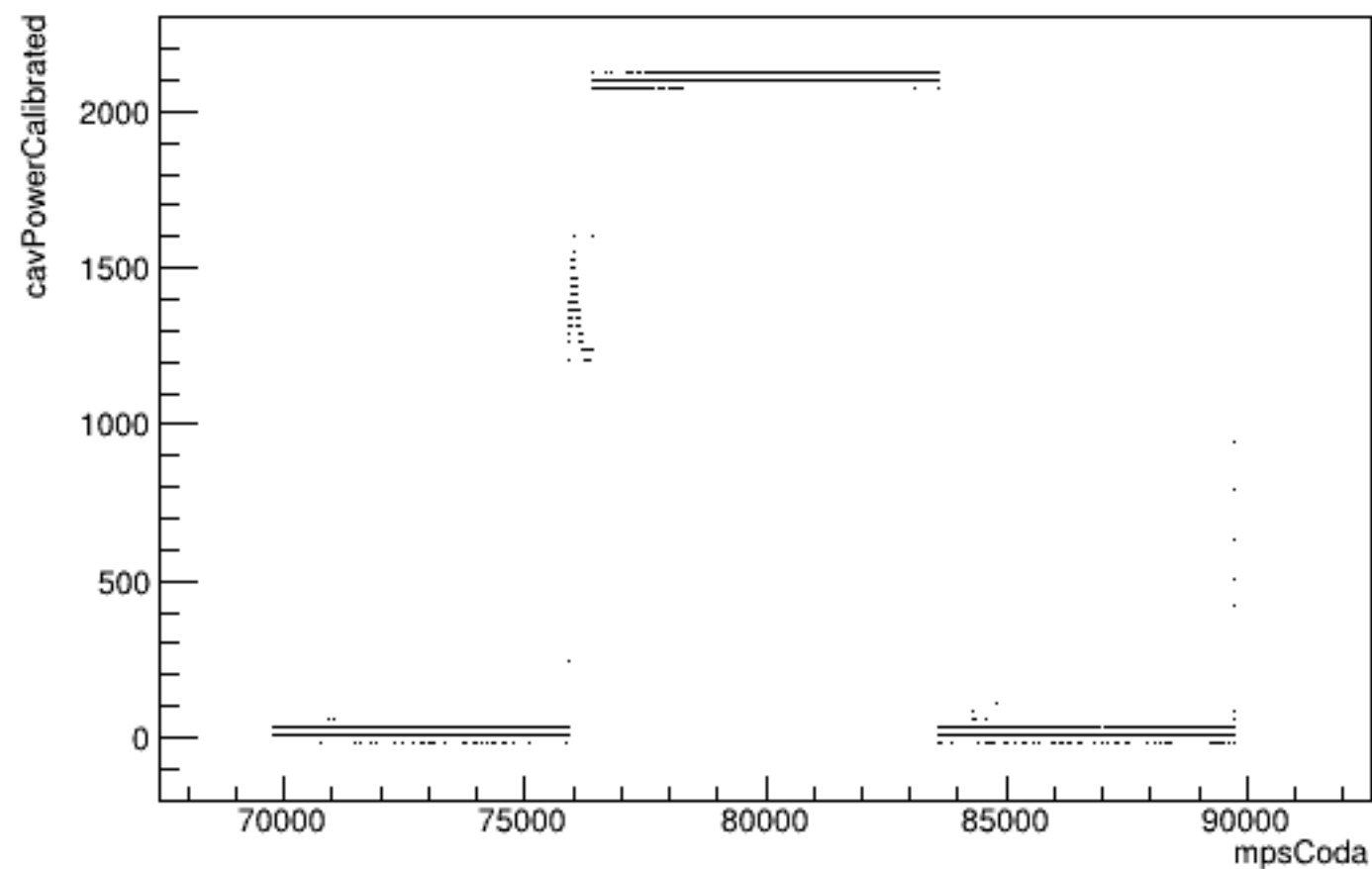
laserState:mpsCoda {mpsCoda>=69752 && mpsCoda<=89763}



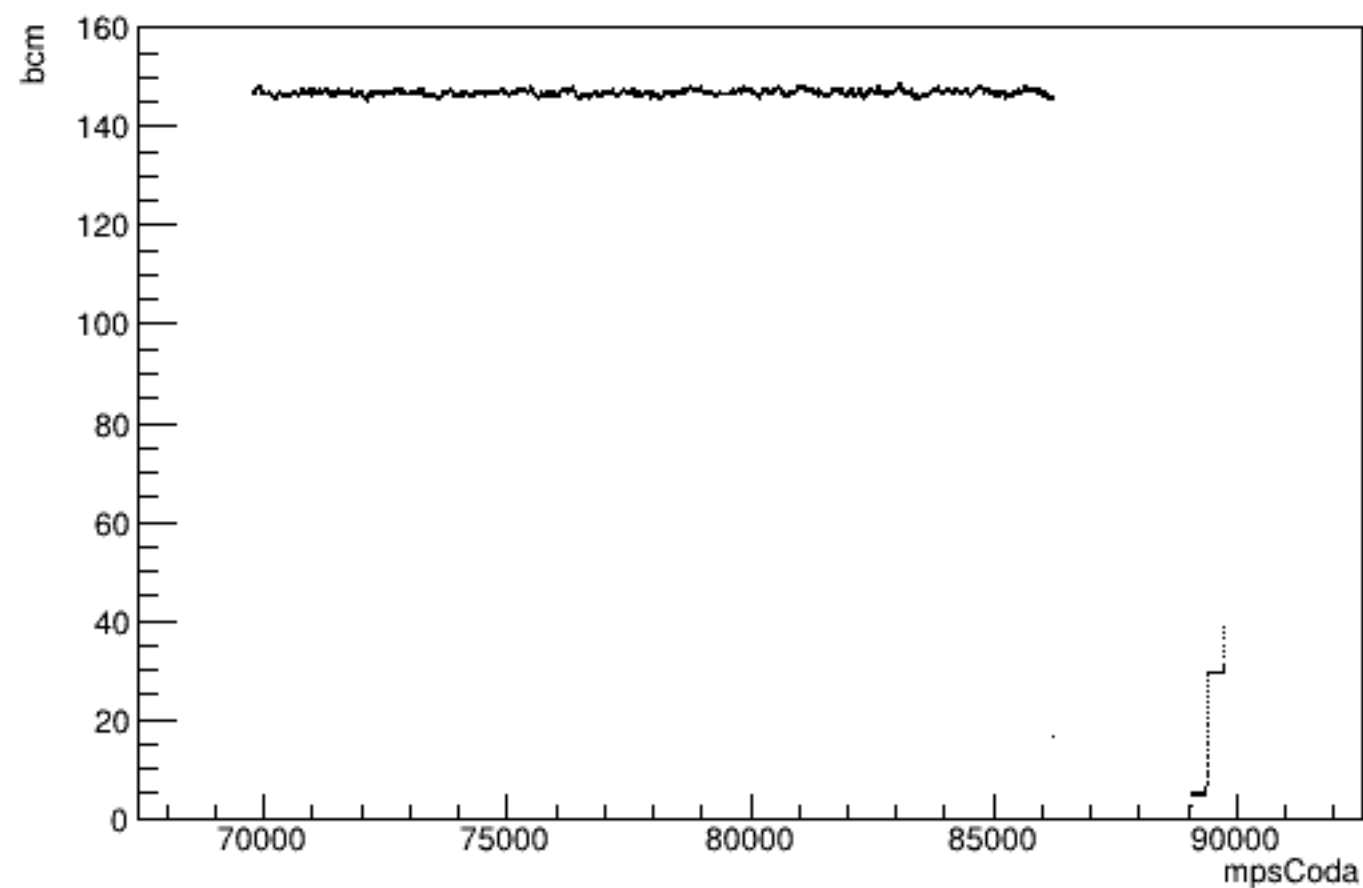
beamState + 1:mpsCoda {mpsCoda>=69752 && mpsCoda<=89763}



cavPowerCalibrated:mpsCoda {mpsCoda>=69752 && mpsCoda<=89763}



bcm:mpsCoda {mpsCoda>=69752 && mpsCoda<=89763}



Cycle 5, Diffs

Entries: 655

Mean: 0.0131 +/- 0.0149

Std Dev: 0.3806 +/- 0.0105

Entries: 1806

Mean: -0.7759 +/- 0.0124

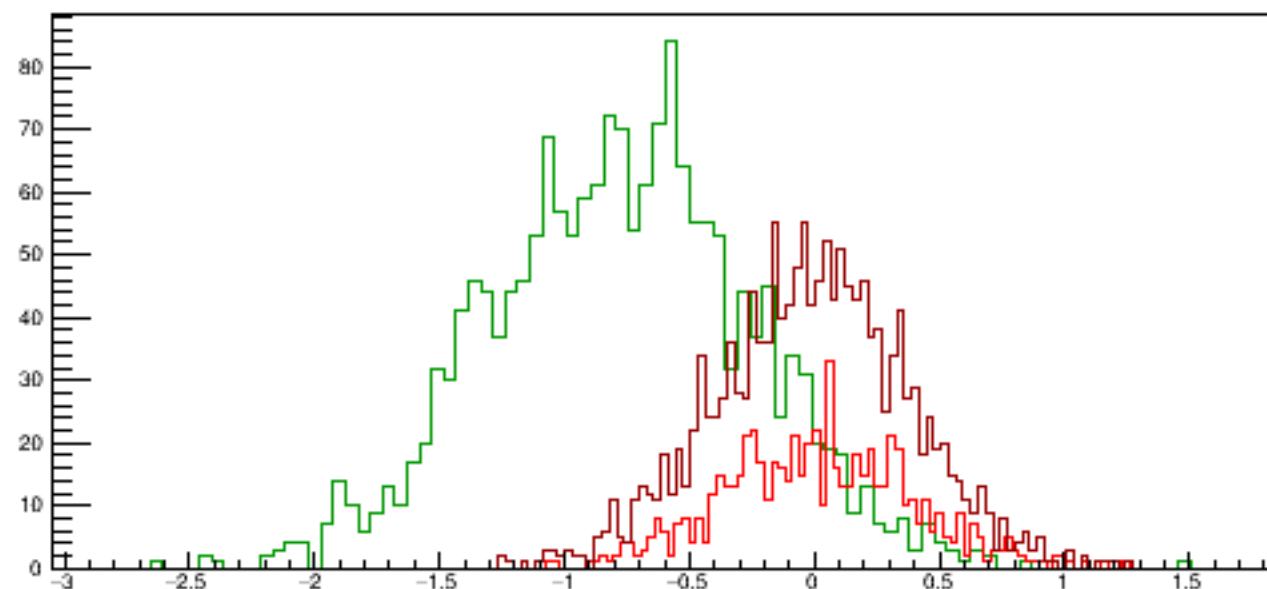
Std Dev: 0.5249 +/- 0.0087

Entries: 1532

Mean: -0.0119 +/- 0.0099

Std Dev: 0.3893 +/- 0.0070

Run 6090 quartetwise, Diffs



Cycle 5, Sums

Entries: 655

Mean: 7.0582 +/- 0.0169

Std Dev: 0.4322 +/- 0.0119

Entries: 1806

Mean: 31.6296 +/- 0.0176

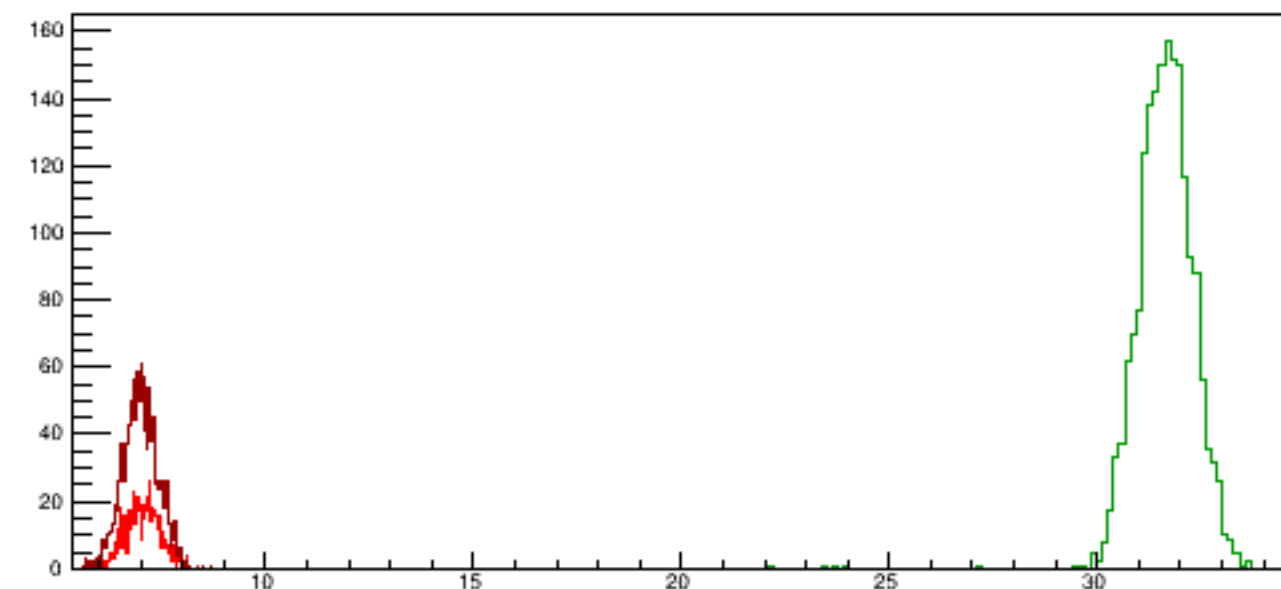
Std Dev: 0.7491 +/- 0.0125

Entries: 1532

Mean: 6.9915 +/- 0.0109

Std Dev: 0.4253 +/- 0.0077

Run 6090 quartetwise, Sums



Cycle 5, Asyms

Entries: 655

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0155 +/- 0.0004

Entries: 1806

Mean: -0.0315 +/- 0.0005

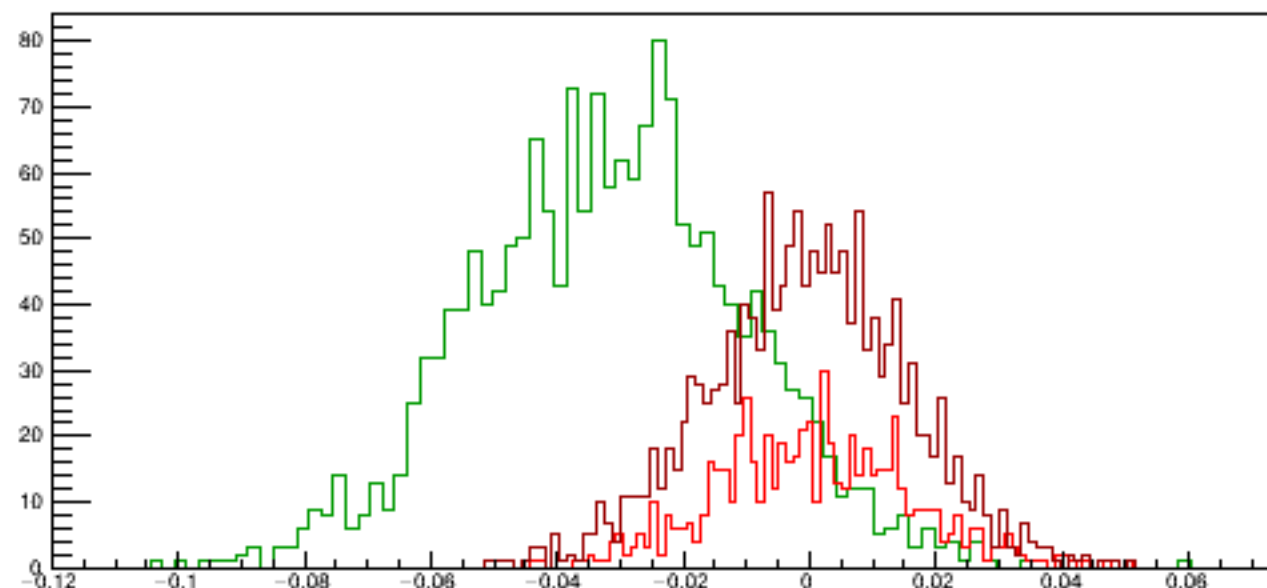
Std Dev: 0.0213 +/- 0.0004

Entries: 1532

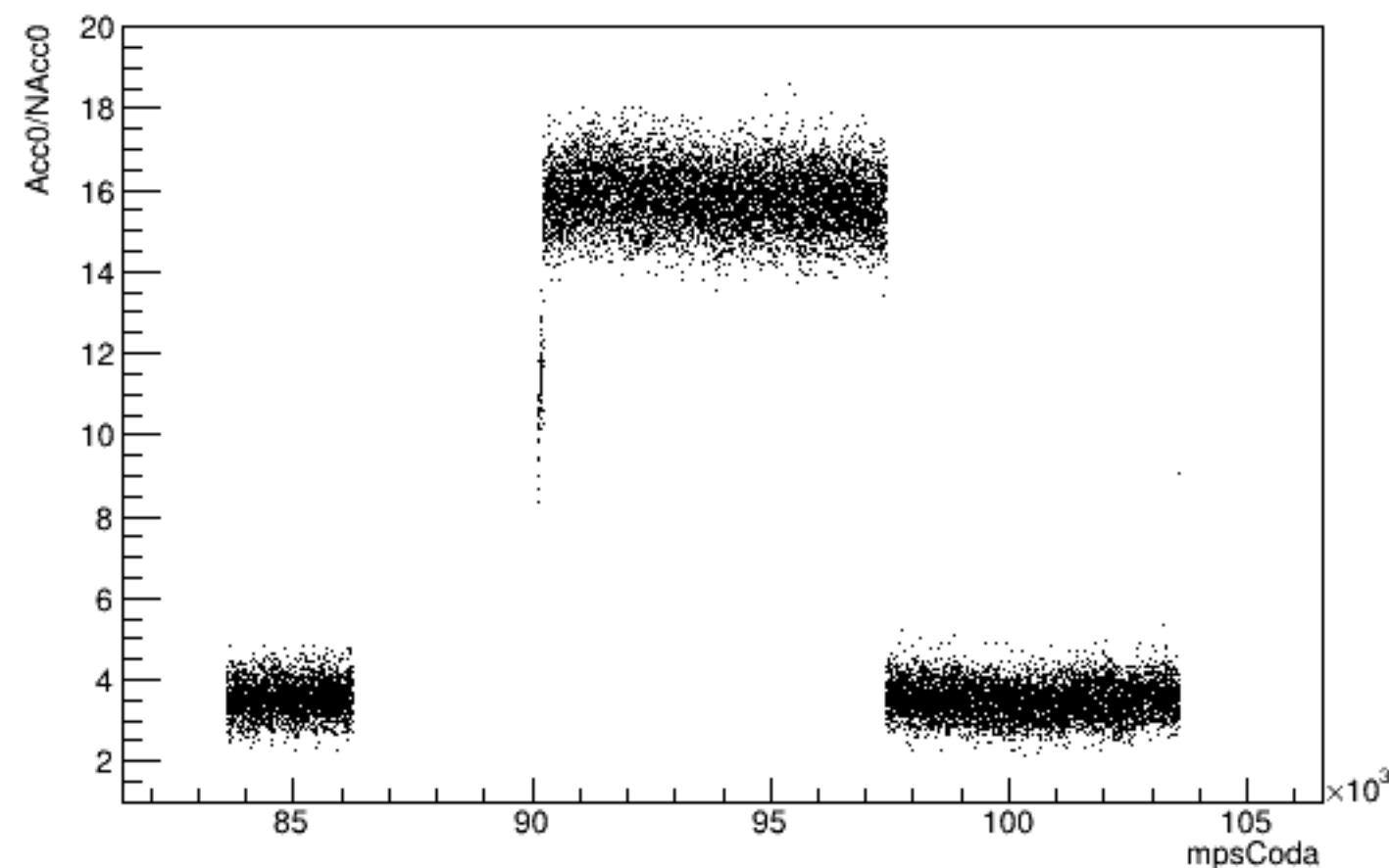
Mean: -0.0005 +/- 0.0004

Std Dev: 0.0158 +/- 0.0003

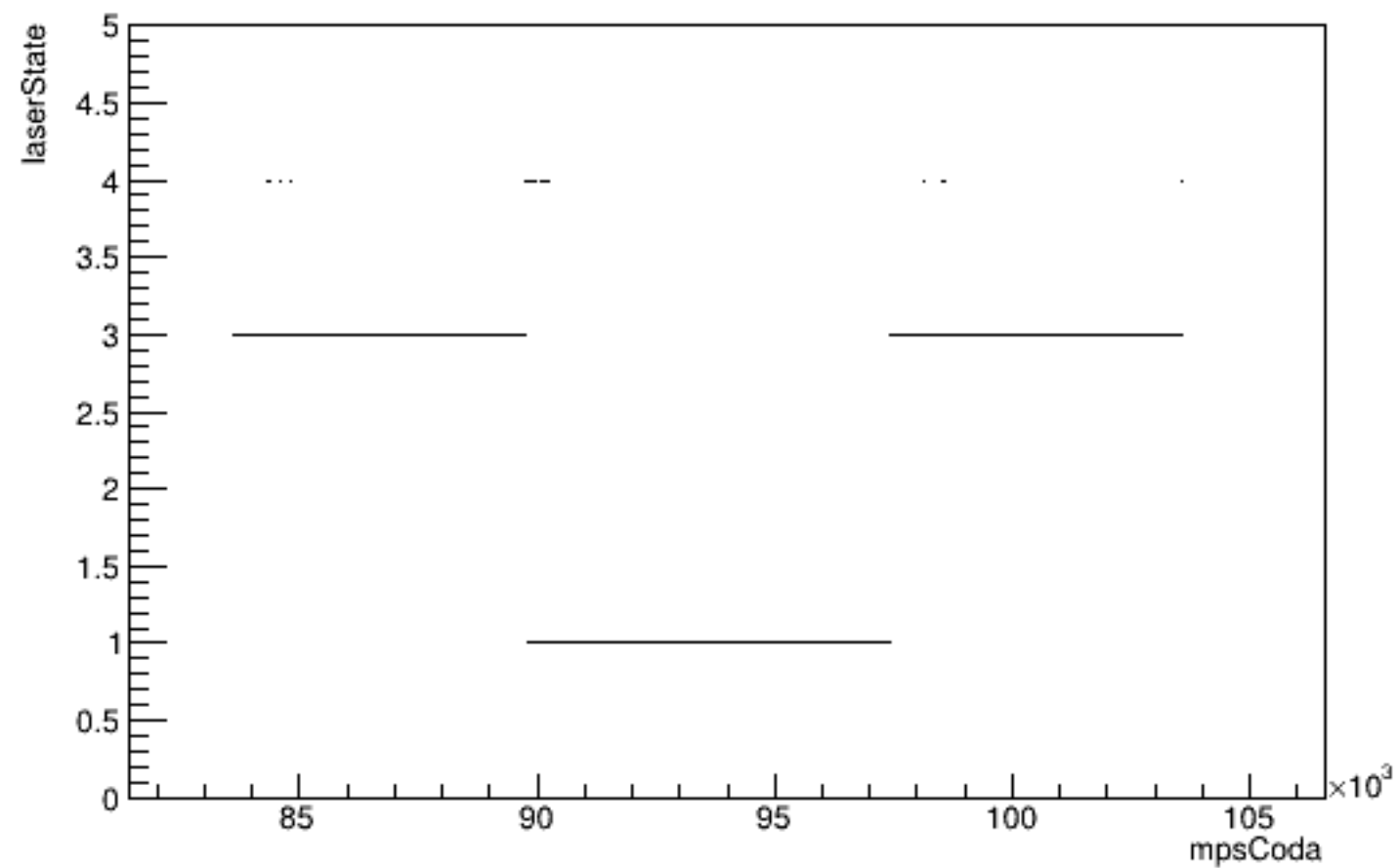
Run 6090 quartetwise, Asyms



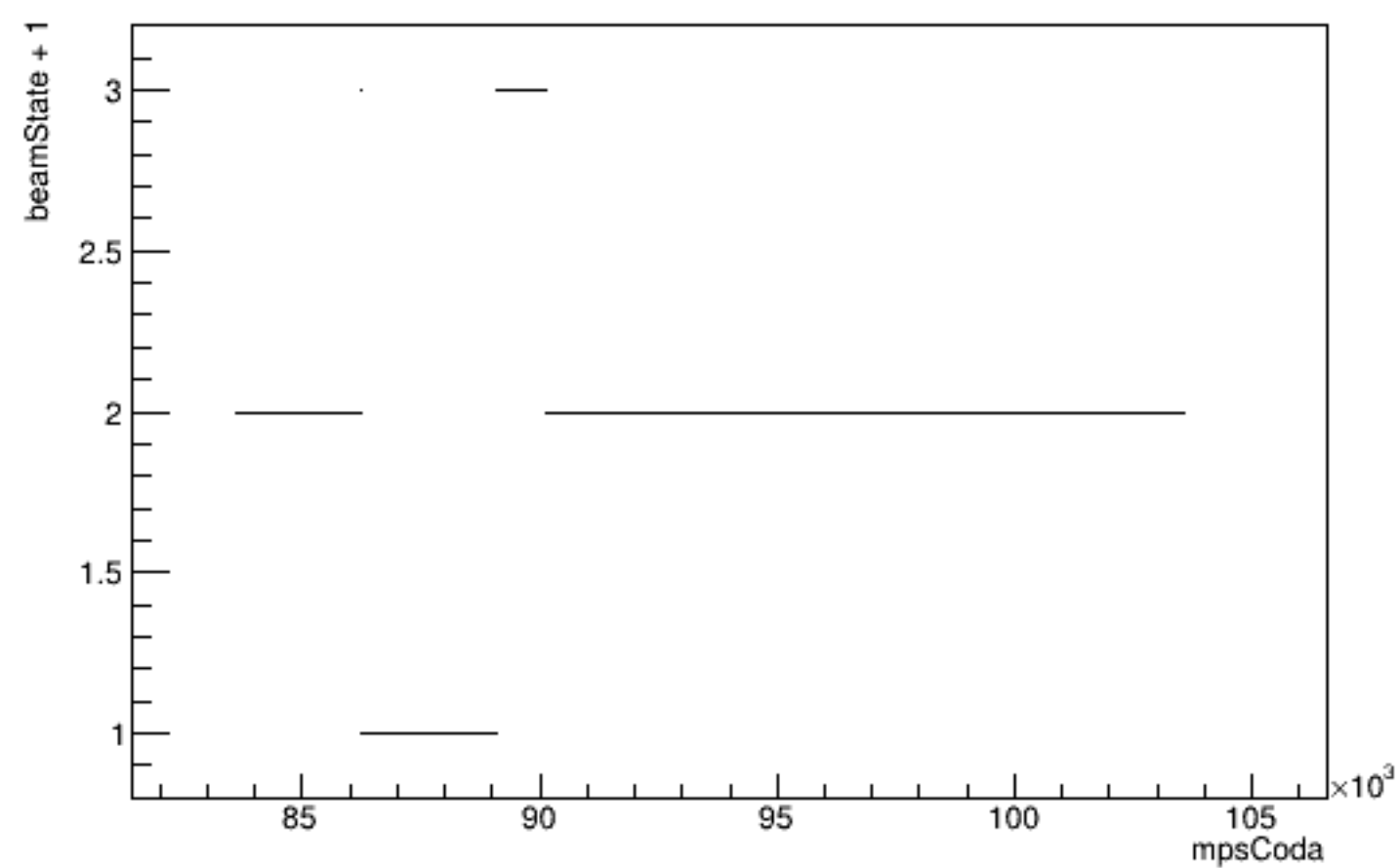
Acc0/NAcc0:mpsCoda {mpsCoda>=83588 && mpsCoda<=103579 && beamState==1}



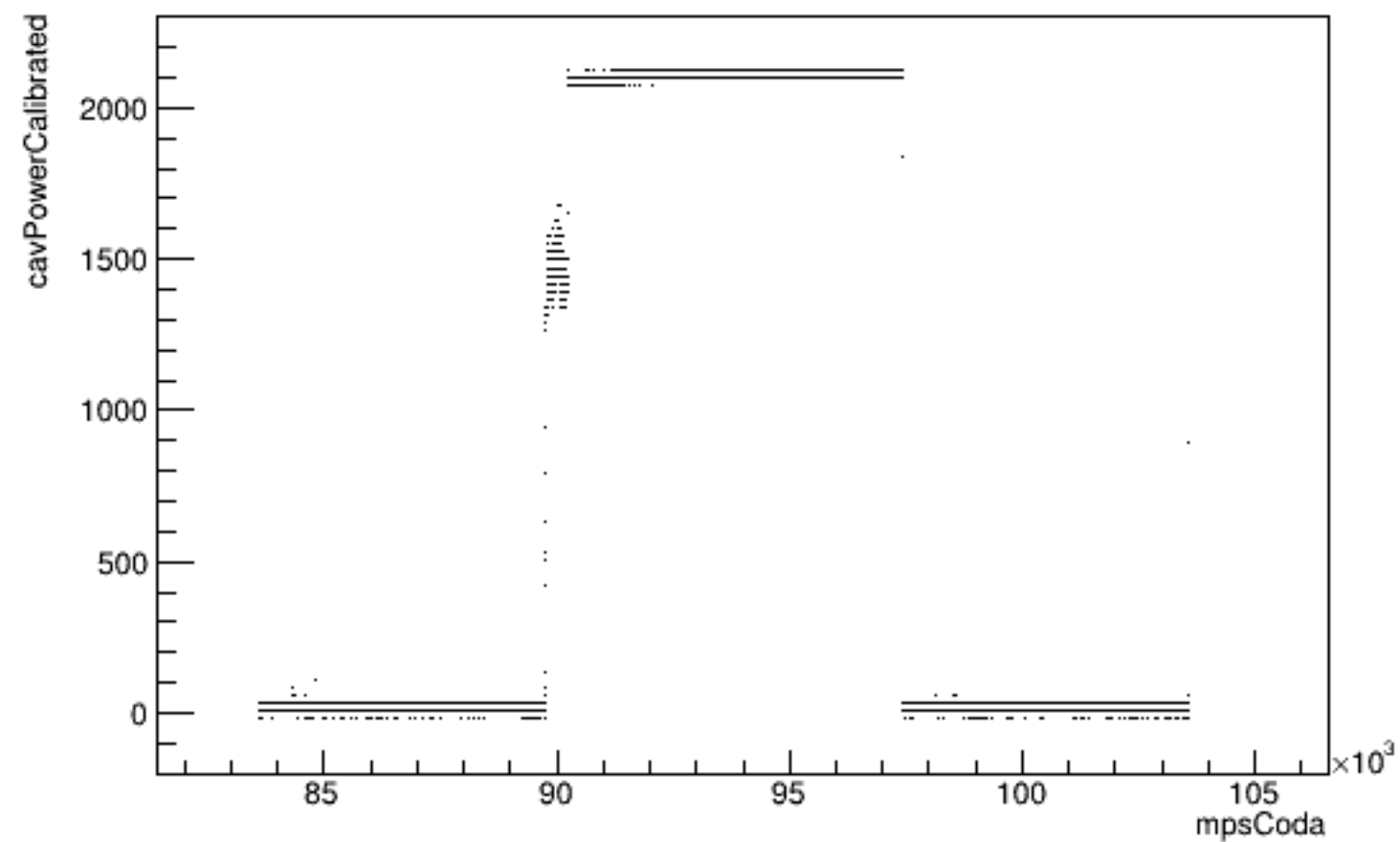
laserState:mpsCoda {mpsCoda>=83588 && mpsCoda<=103579}



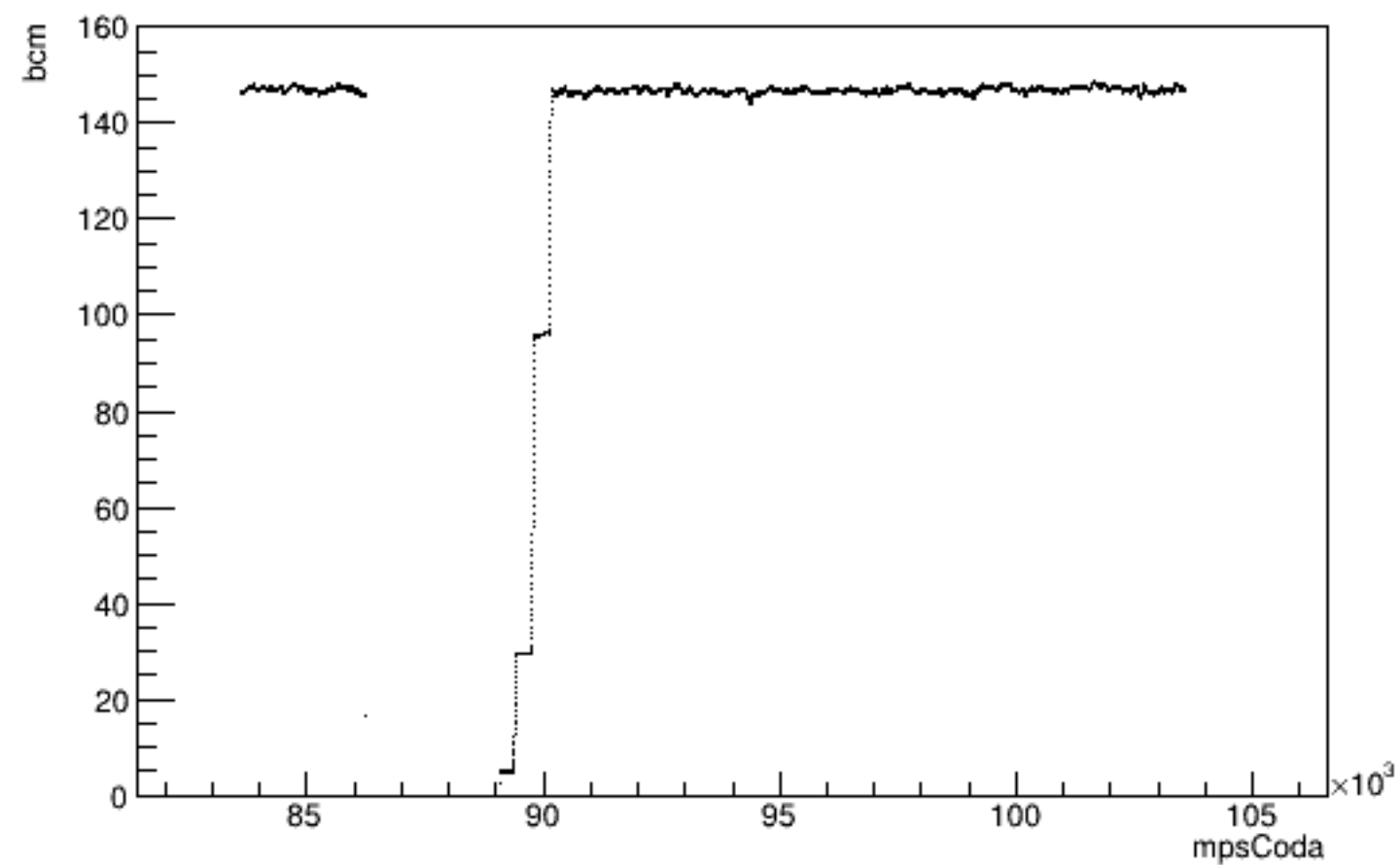
beamState + 1:mpsCoda {mpsCoda>=83588 && mpsCoda<=103579}



cavPowerCalibrated:mpsCoda {mpsCoda>=83588 && mpsCoda<=103579}



bcm:mpsCoda {mpsCoda>=83588 && mpsCoda<=103579}



Cycle 6, Diffs

Entries: 1552

Mean: -0.0189 +/- 0.0099

Std Dev: 0.3883 +/- 0.0070

Entries: 1805

Mean: -0.7914 +/- 0.0122

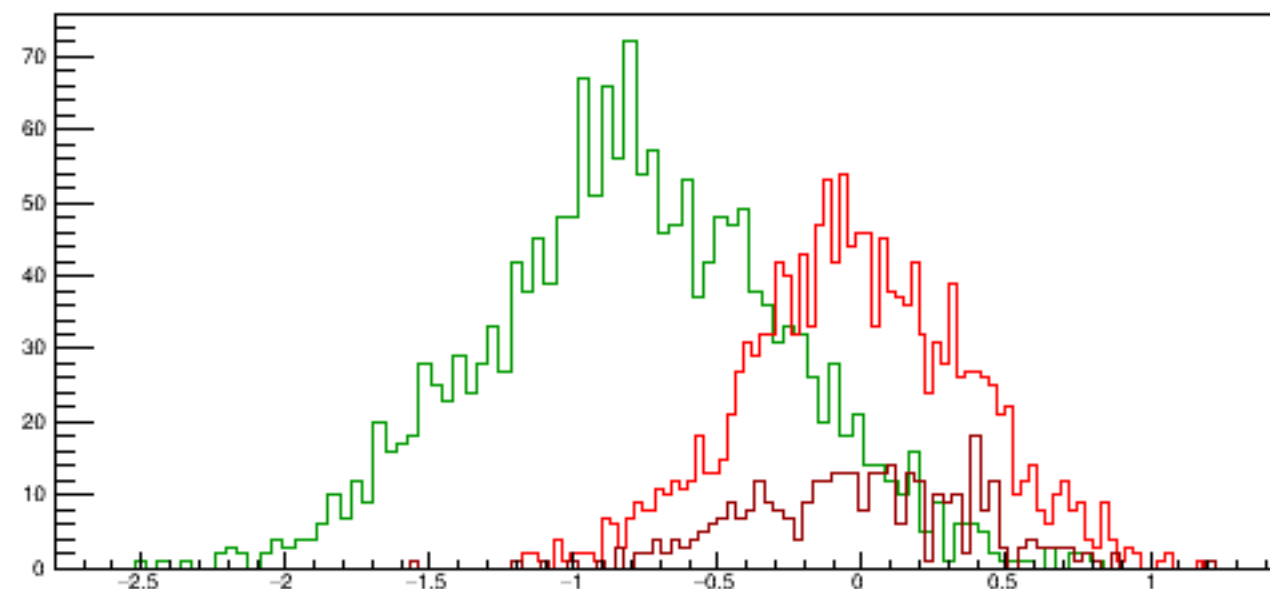
Std Dev: 0.5181 +/- 0.0086

Entries: 361

Mean: -0.0227 +/- 0.0209

Std Dev: 0.3972 +/- 0.0148

Run 6090 quartetwise, Diffs



Cycle 6, Sums

Entries: 1552

Mean: 6.9433 +/- 0.0110

Std Dev: 0.4325 +/- 0.0078

Entries: 1805

Mean: 31.8928 +/- 0.0163

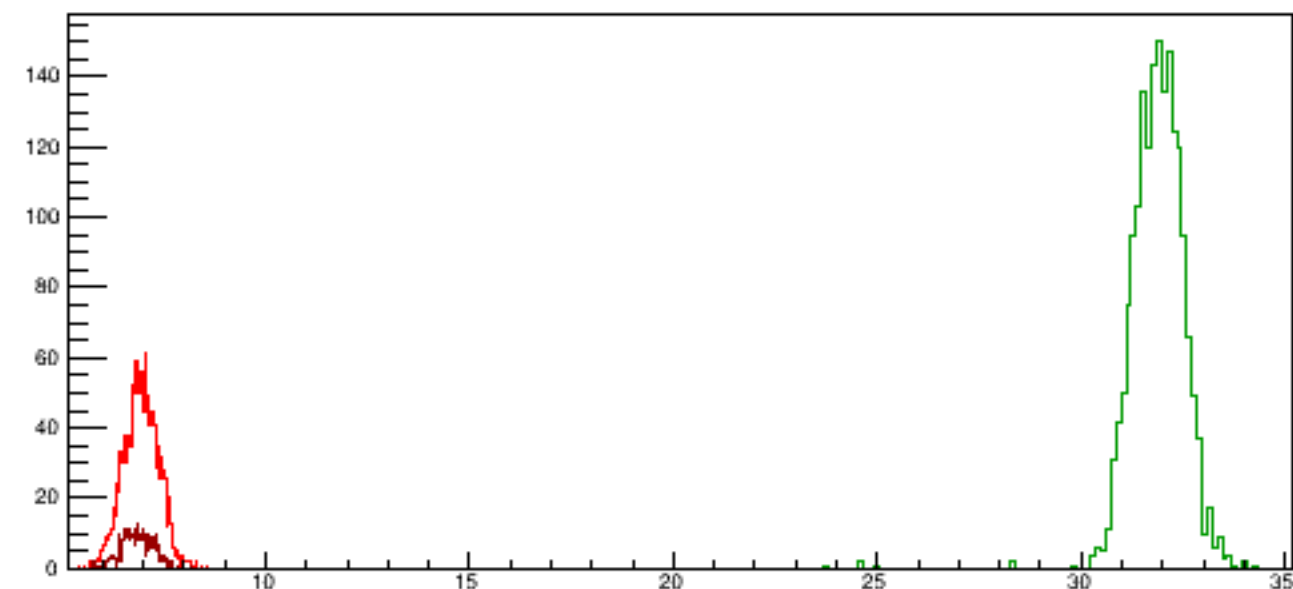
Std Dev: 0.6911 +/- 0.0115

Entries: 361

Mean: 6.8599 +/- 0.0212

Std Dev: 0.4027 +/- 0.0150

Run 6090 quartetwise, Sums



Cycle 6, Asyms

Entries: 1552

Mean: -0.0008 +/- 0.0004

Std Dev: 0.0155 +/- 0.0003

Entries: 1805

Mean: -0.0317 +/- 0.0005

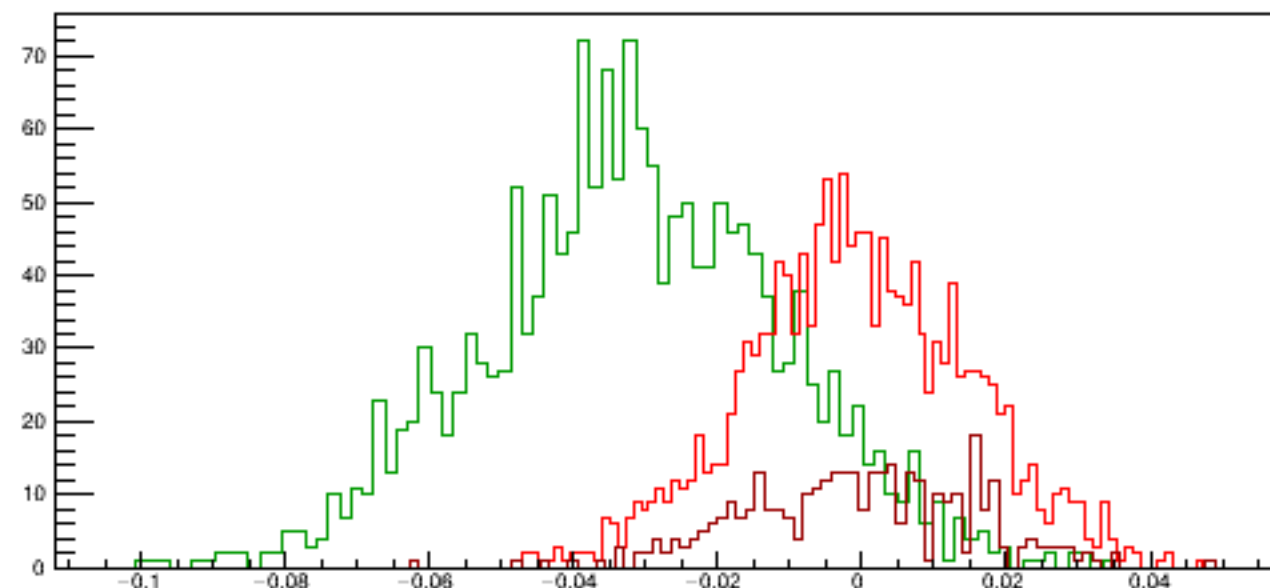
Std Dev: 0.0208 +/- 0.0003

Entries: 361

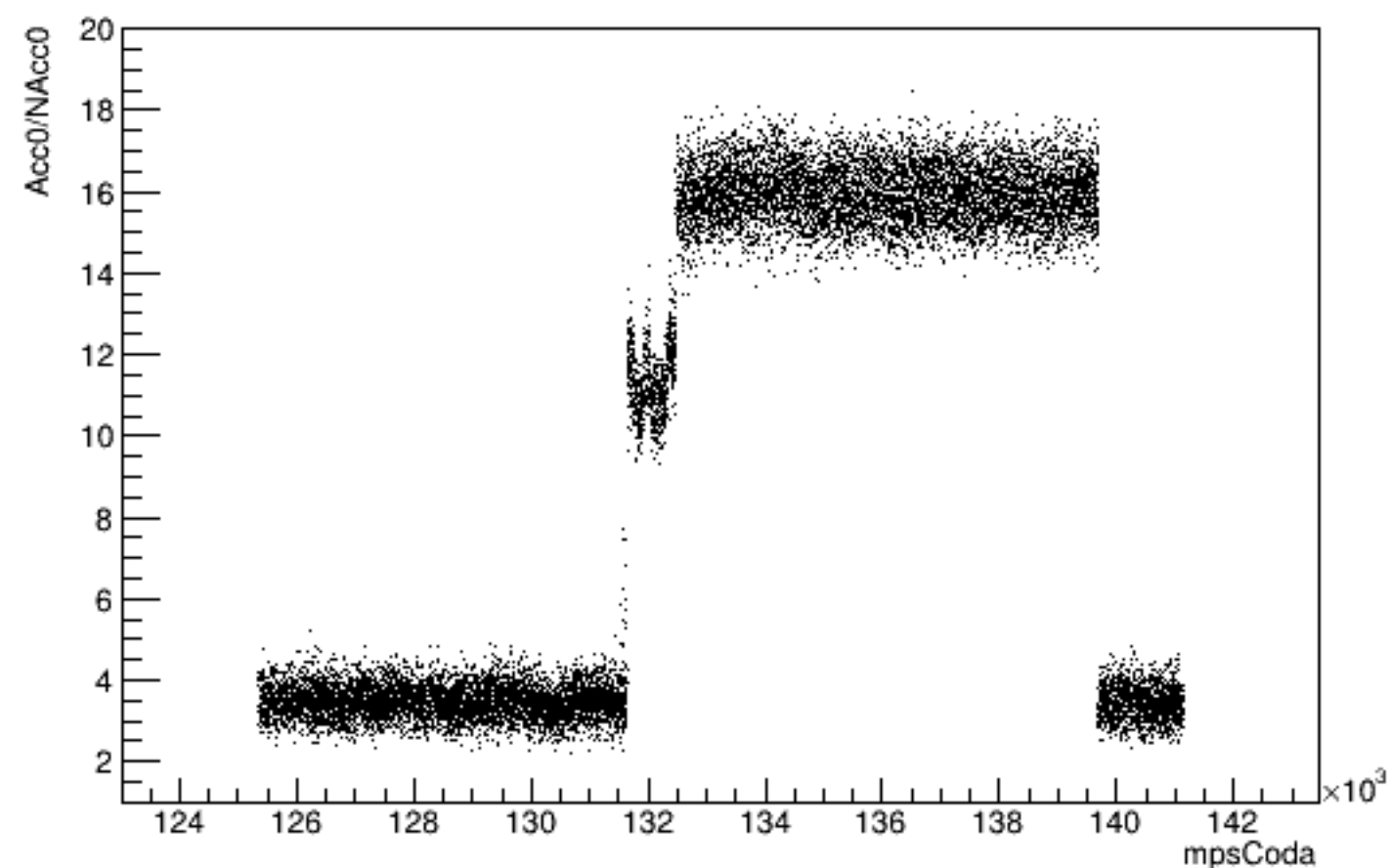
Mean: -0.0009 +/- 0.0008

Std Dev: 0.0159 +/- 0.0006

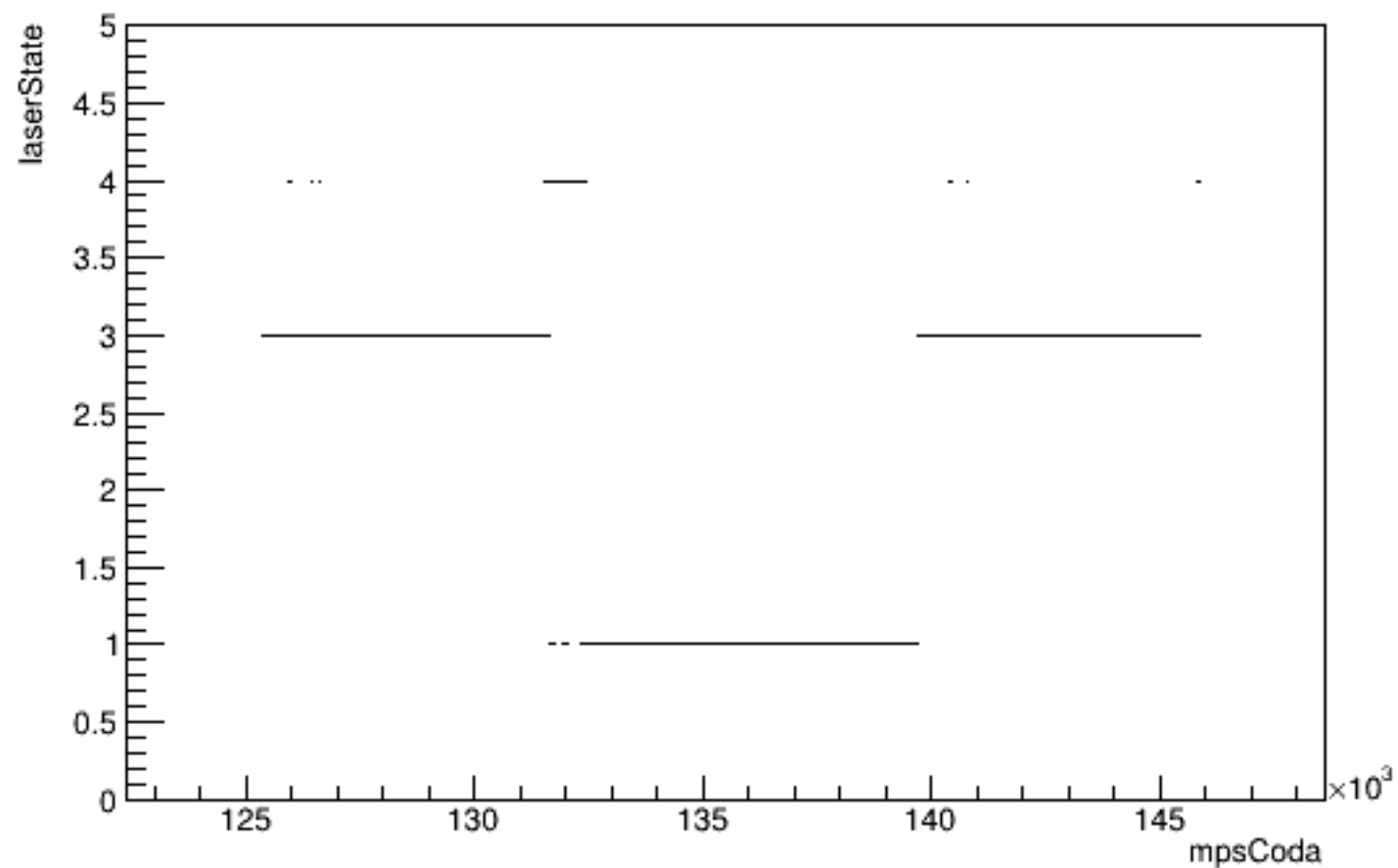
Run 6090 quartetwise, Asyms



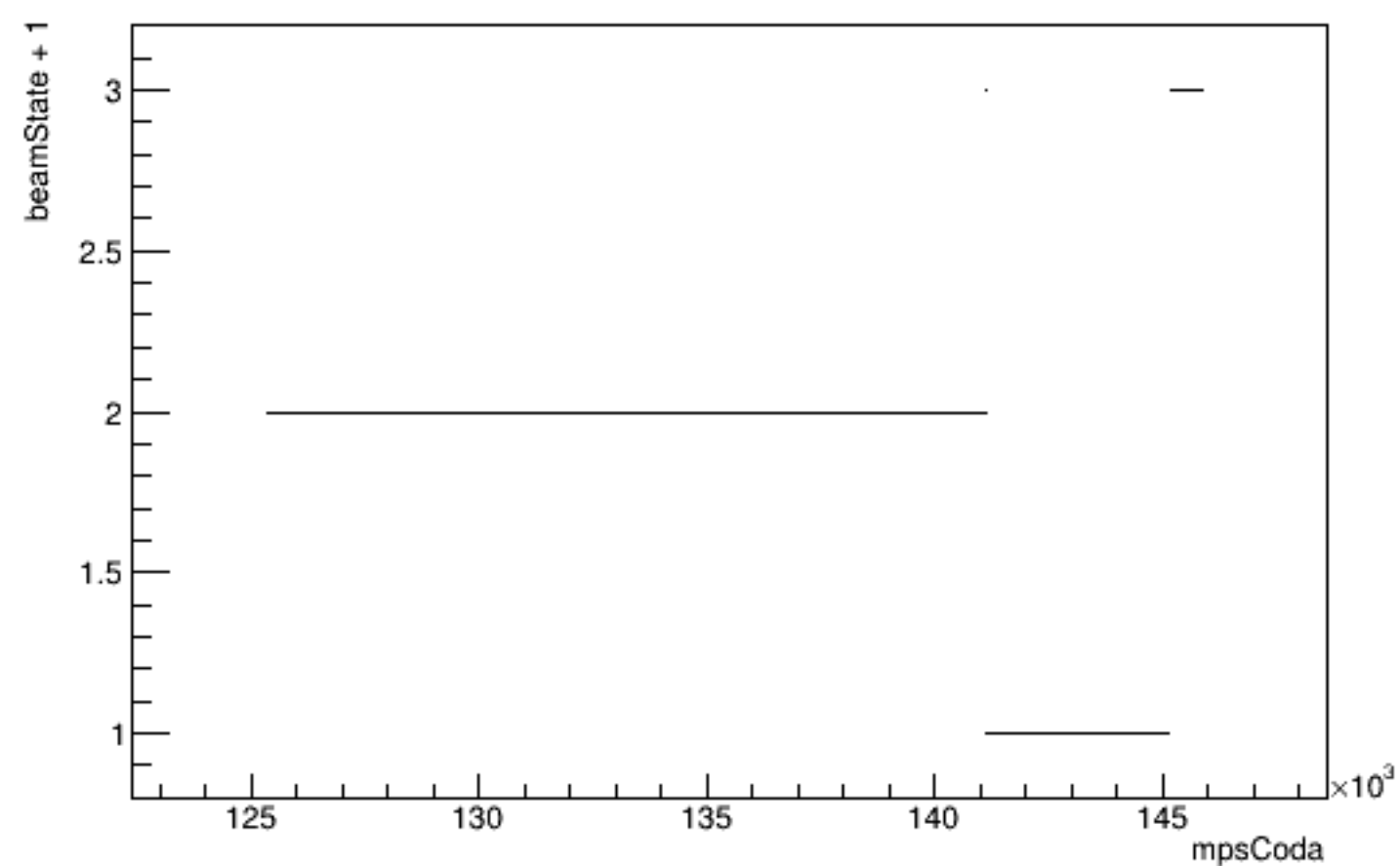
Acc0/NAcc0:mpsCoda (mpsCoda>=125348 && mpsCoda<=145851 && beamState==1)



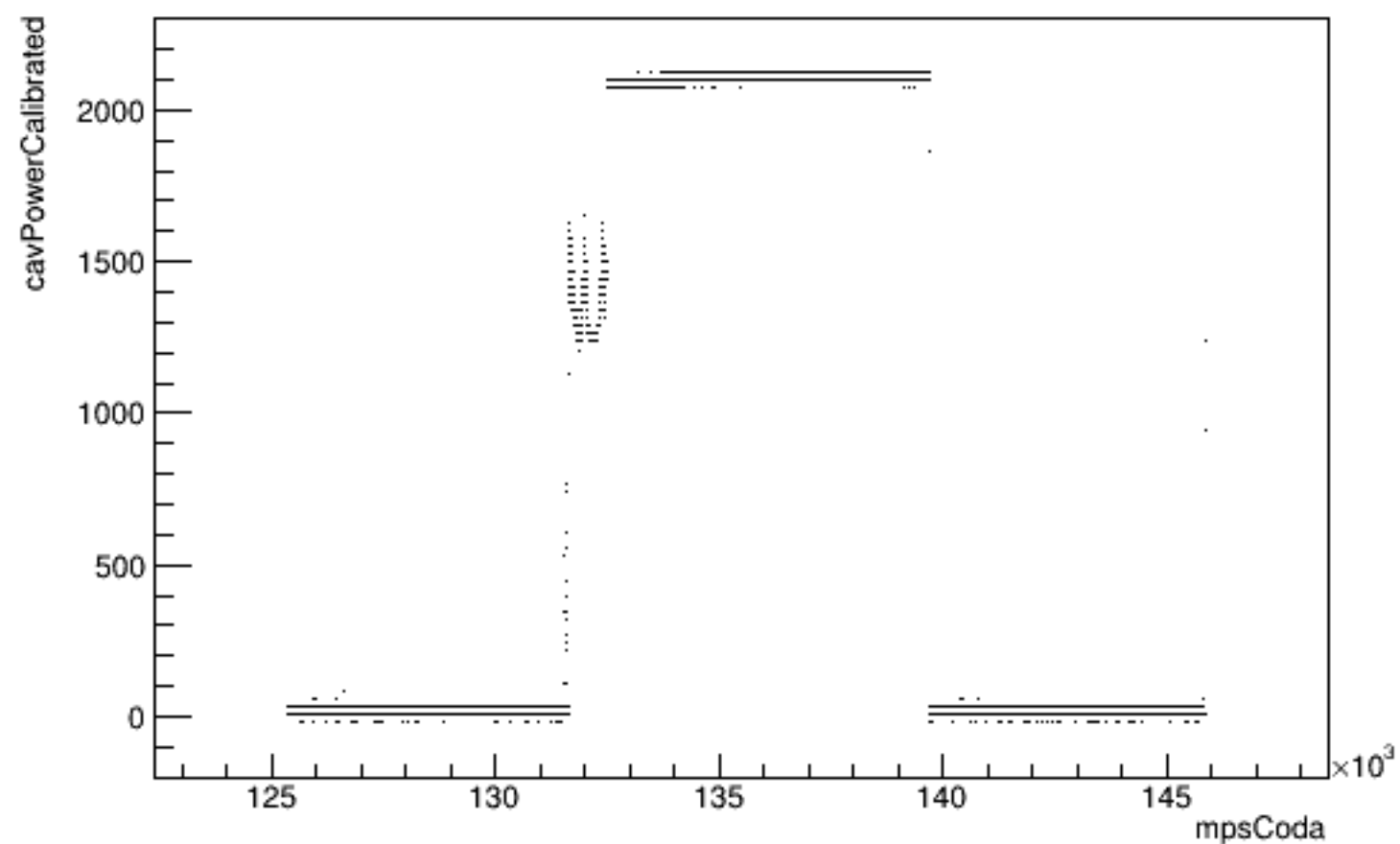
laserState:mpsCoda {mpsCoda>=125348 && mpsCoda<=145851}



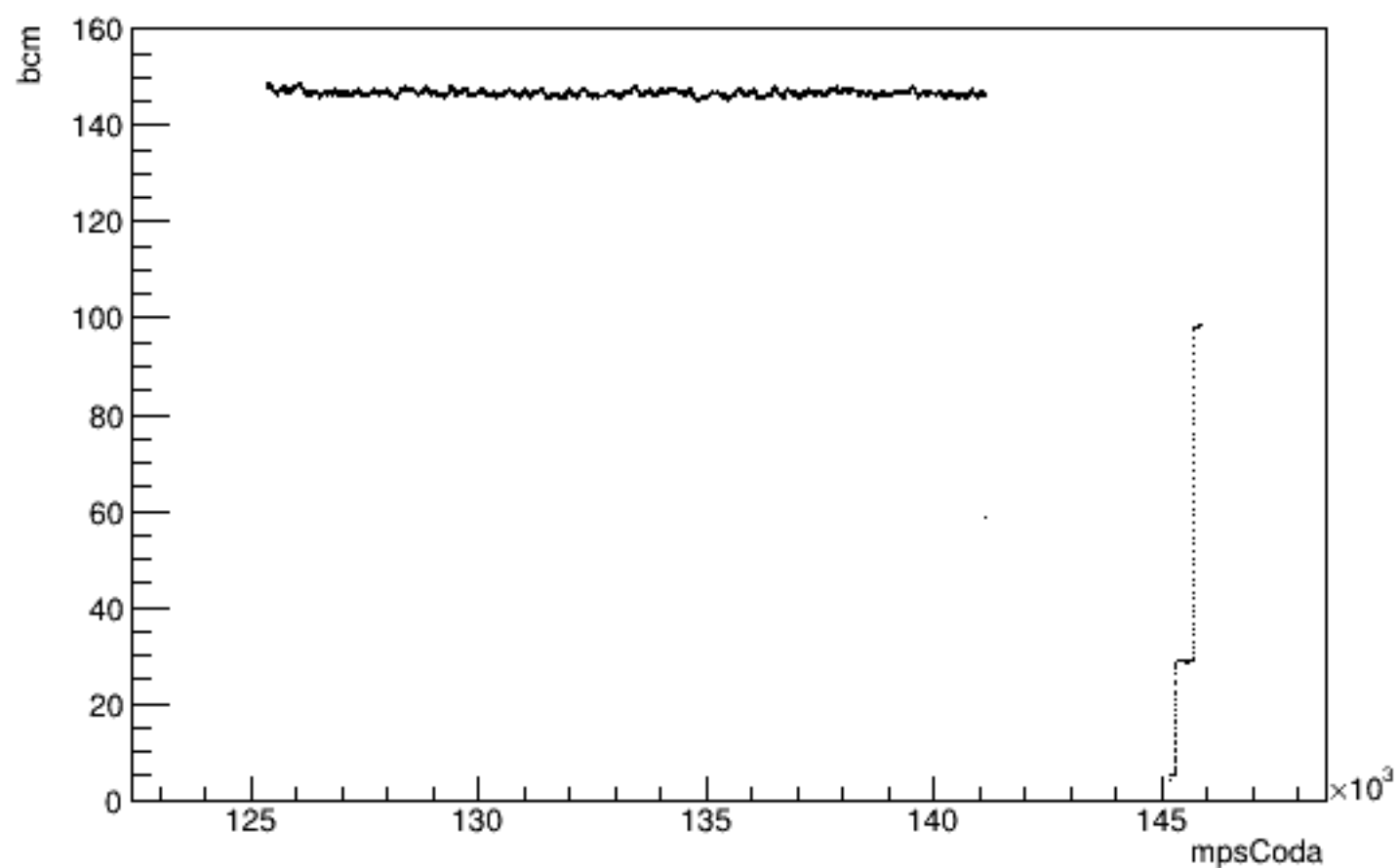
beamState + 1:mpsCoda {mpsCoda>=125348 && mpsCoda<=145851}



cavPowerCalibrated:mpsCoda {mpsCoda>=125348 && mpsCoda<=145851}



bcm:mpsCoda {mpsCoda>=125348 && mpsCoda<=145851}



Cycle 7, Diffs

Entries: 361

Mean: -0.0227 +/- 0.0209

Std Dev: 0.3972 +/- 0.0148

Entries: 1801

Mean: -0.8026 +/- 0.0125

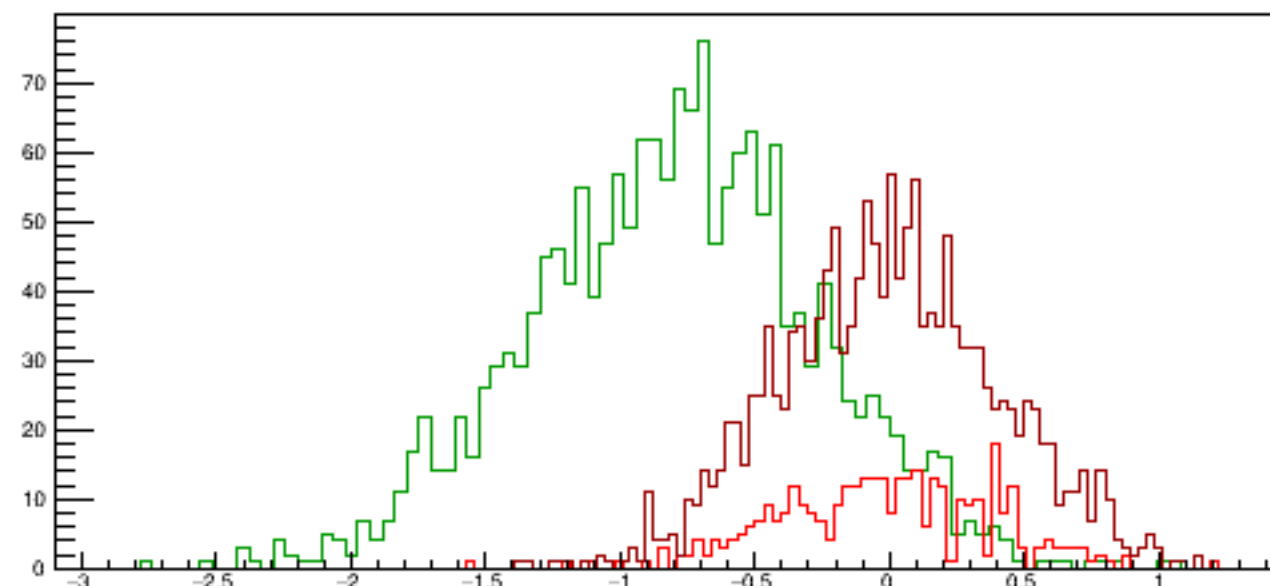
Std Dev: 0.5310 +/- 0.0088

Entries: 1551

Mean: -0.0047 +/- 0.0103

Std Dev: 0.4053 +/- 0.0073

Run 6090 quartetwise, Diffs



Cycle 7, Sums

Entries: 361

Mean: 6.8599 +/- 0.0212

Std Dev: 0.4027 +/- 0.0150

Entries: 1801

Mean: 31.6321 +/- 0.0144

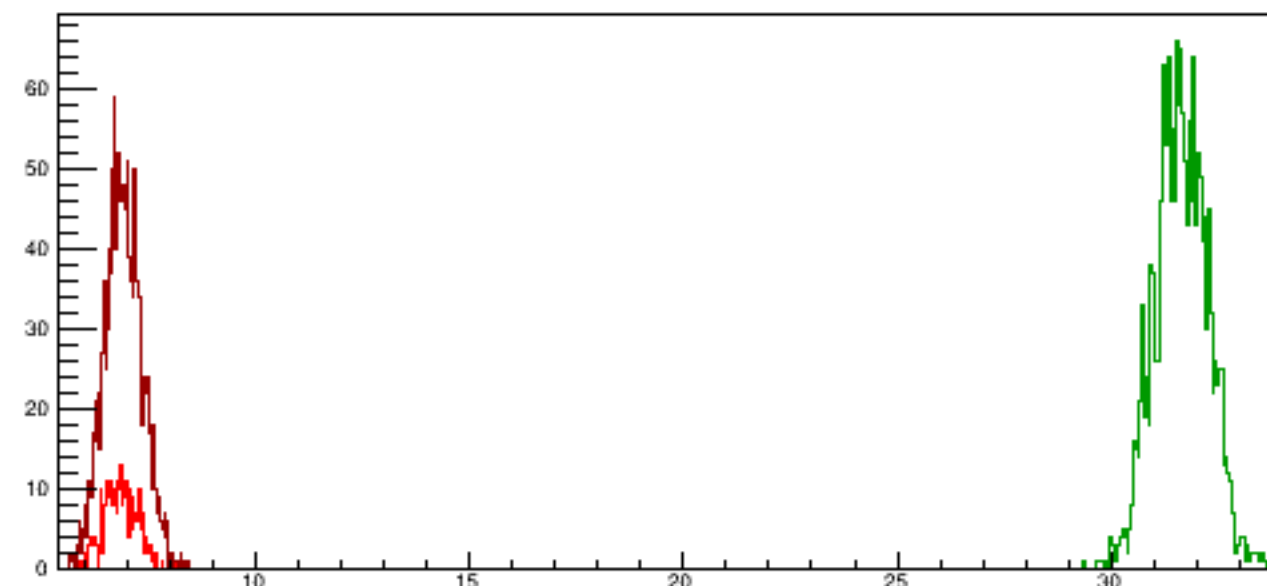
Std Dev: 0.6122 +/- 0.0102

Entries: 1551

Mean: 6.9174 +/- 0.0112

Std Dev: 0.4394 +/- 0.0079

Run 6090 quartetwise, Sums



Cycle 7, Asyms

Entries: 361

Mean: -0.0009 +/- 0.0008

Std Dev: 0.0161 +/- 0.0006

Entries: 1801

Mean: -0.0324 +/- 0.0005

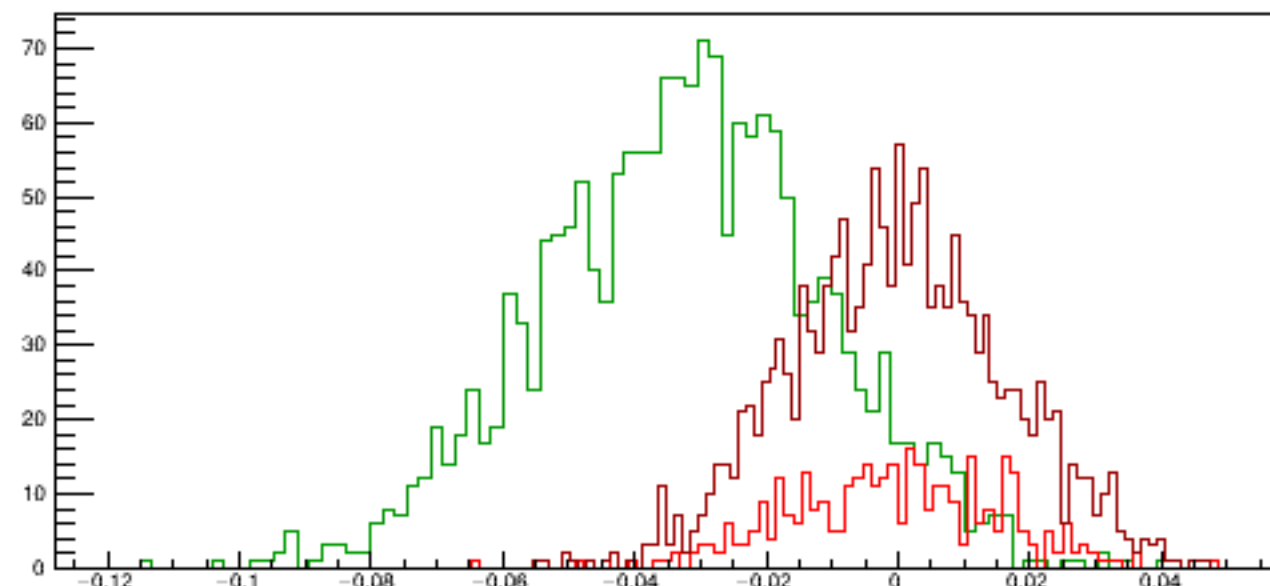
Std Dev: 0.0214 +/- 0.0004

Entries: 1551

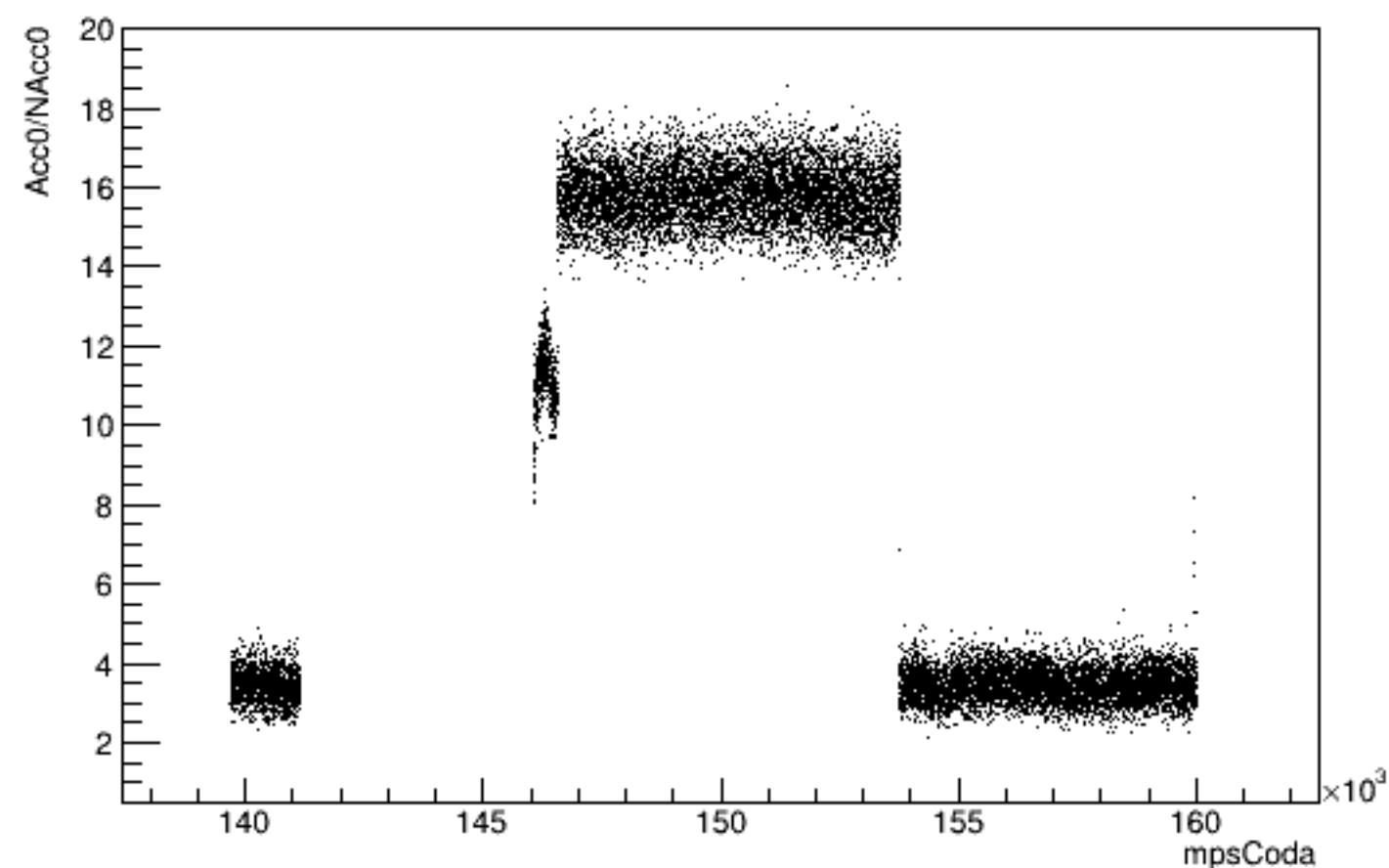
Mean: -0.0002 +/- 0.0004

Std Dev: 0.0164 +/- 0.0003

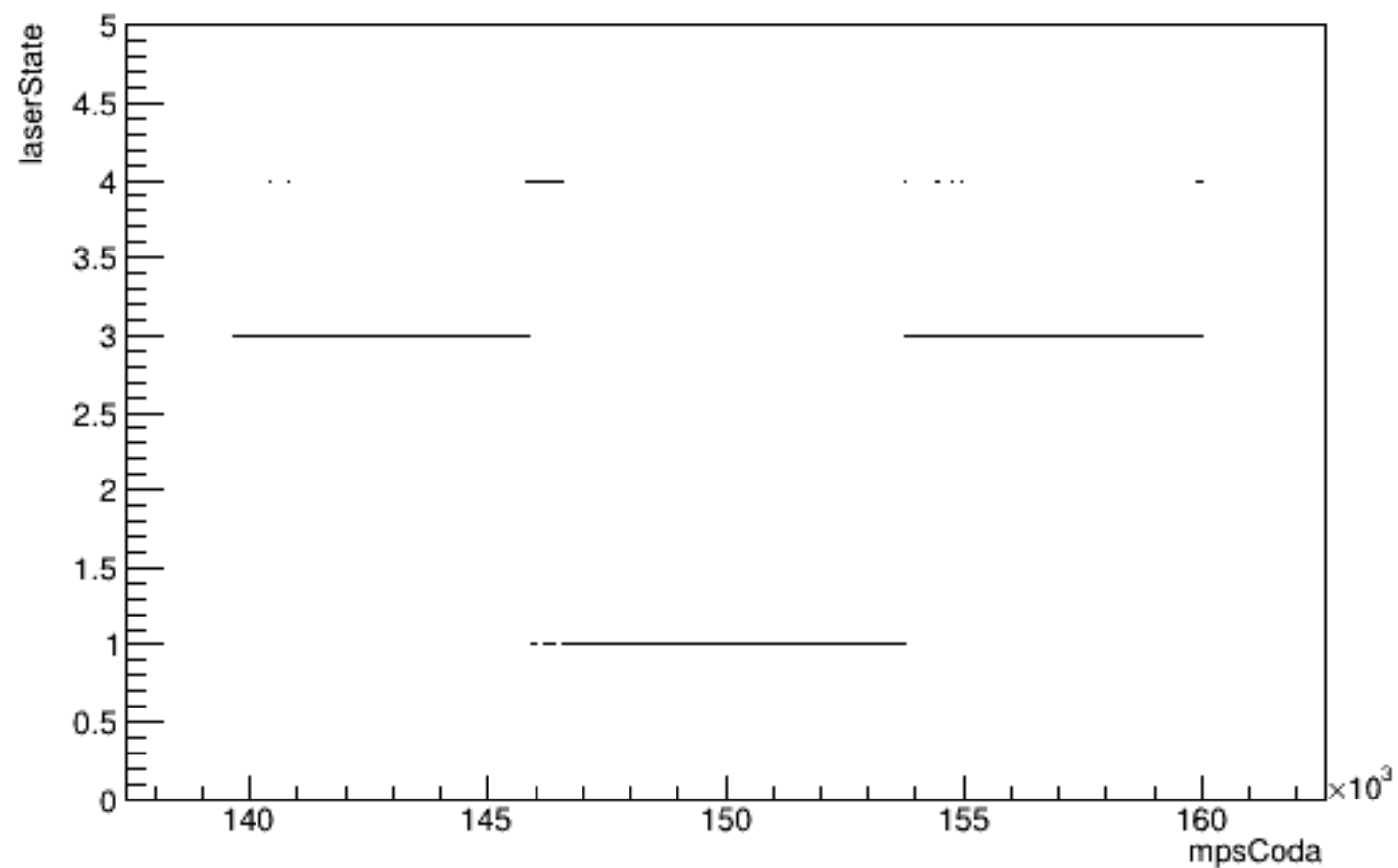
Run 6090 quartetwise, Asyms



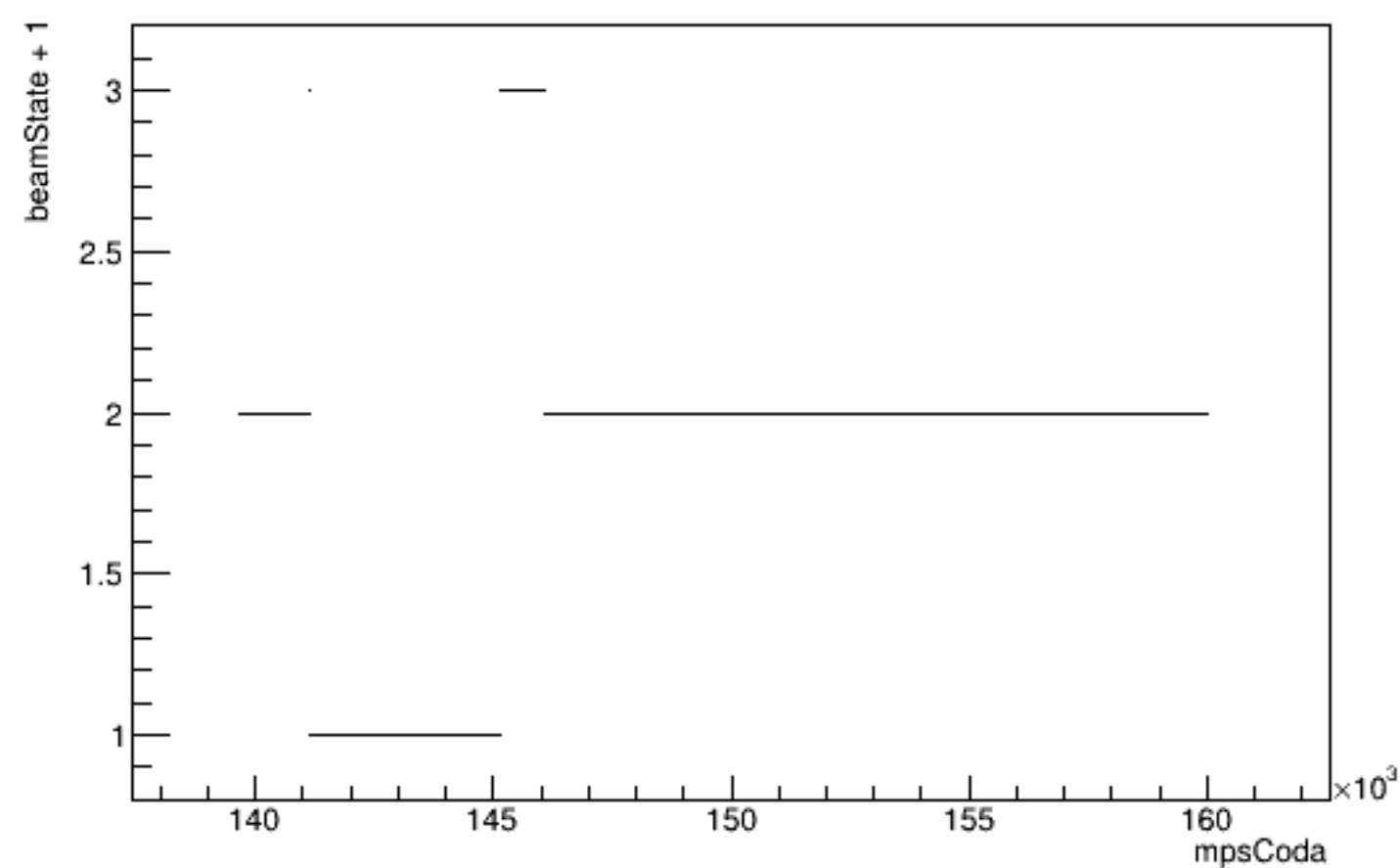
Acc0/NAcc0:mpsCoda (mpsCoda>=139684 && mpsCoda<=160011 && beamState==1)



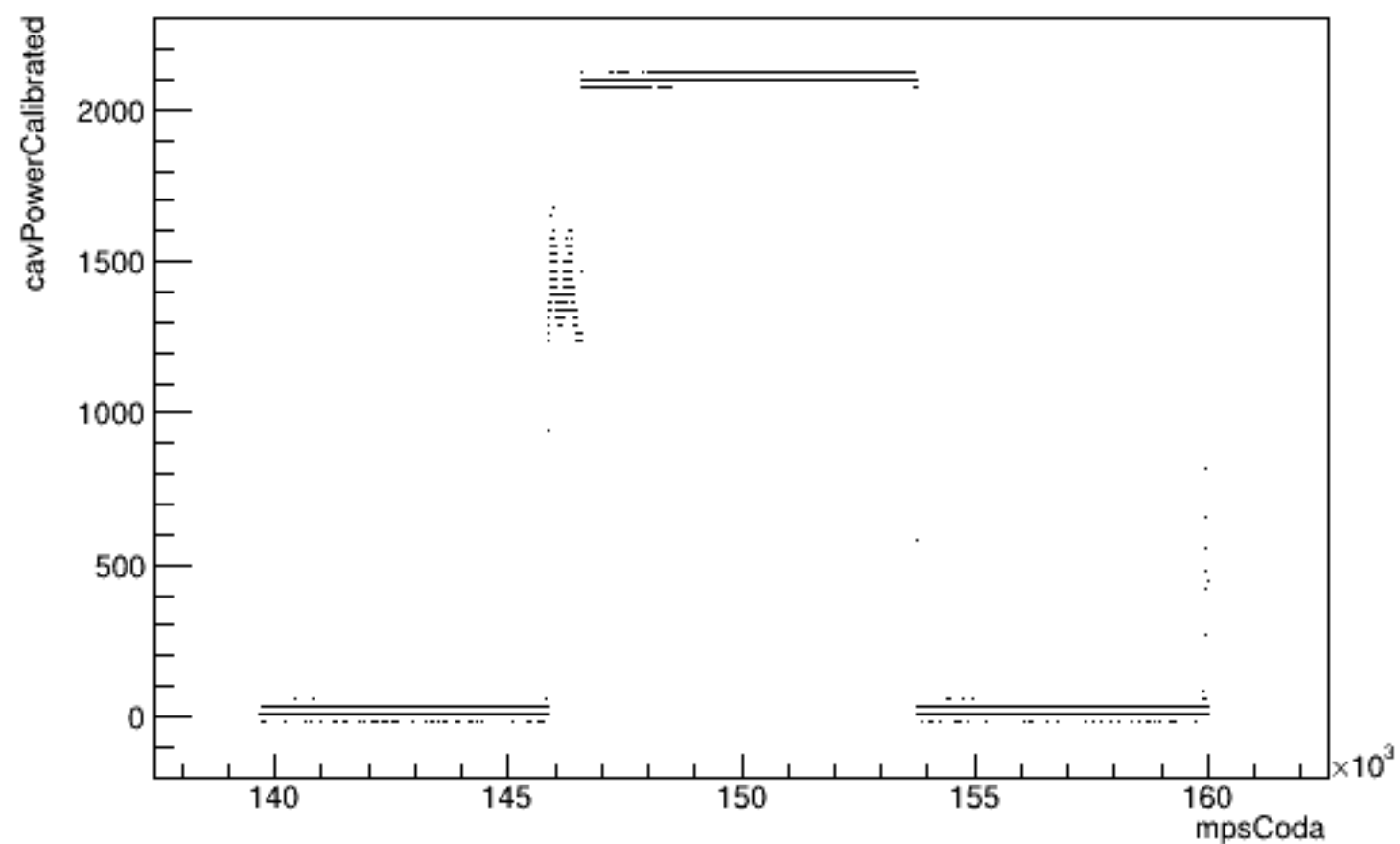
laserState:mpsCoda {mpsCoda>=139684 && mpsCoda<=160011}



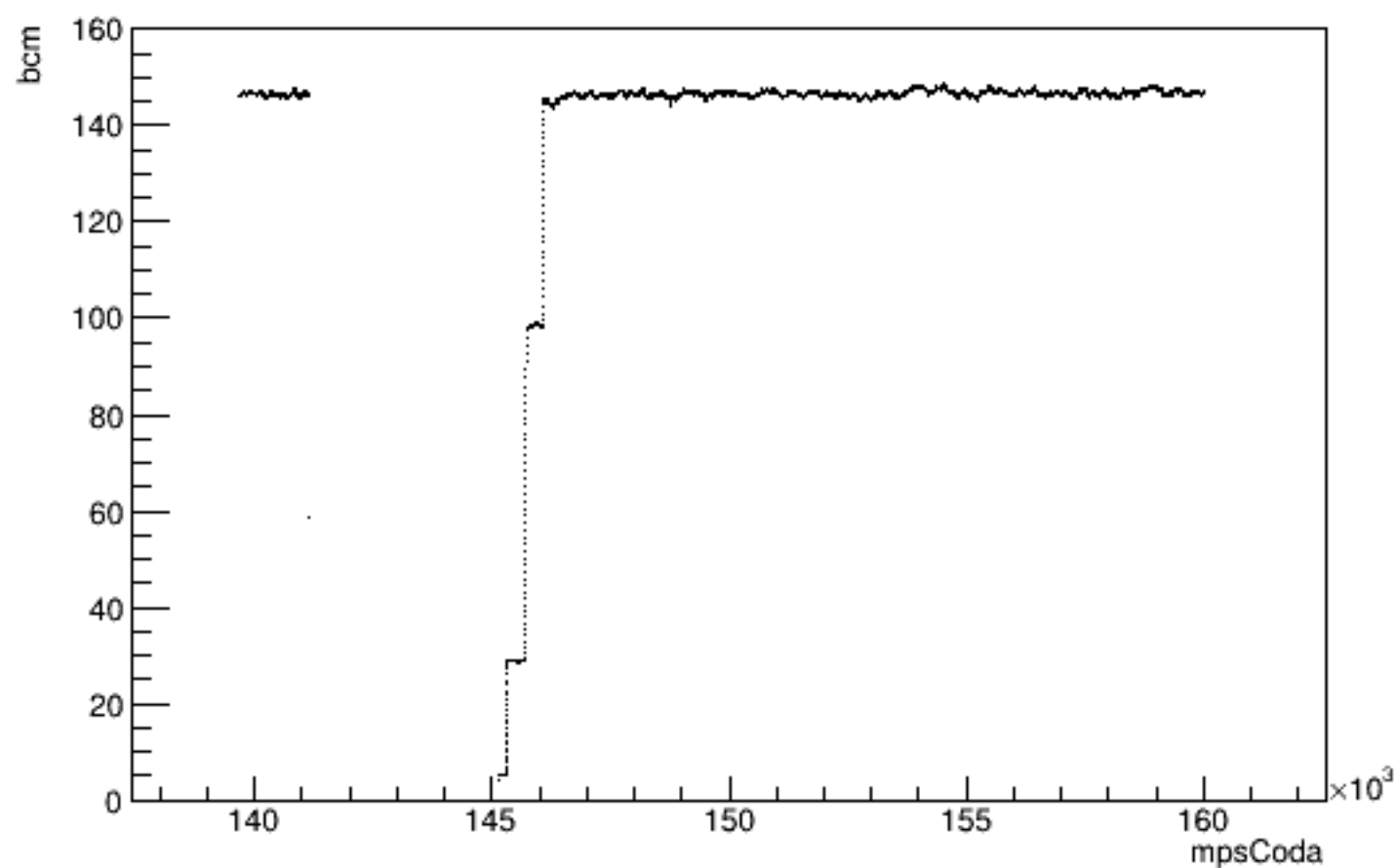
beamState + 1:mpsCoda {mpsCoda>=139684 && mpsCoda<=160011}



cavPowerCalibrated:mpsCoda {mpsCoda>=139684 && mpsCoda<=160011}



bcm:mpsCoda {mpsCoda>=139684 && mpsCoda<=160011}



Cycle 8, Diffs

Entries: 1551

Mean: -0.0047 +/- 0.0103

Std Dev: 0.4053 +/- 0.0073

Entries: 1046

Mean: -0.7581 +/- 0.0172

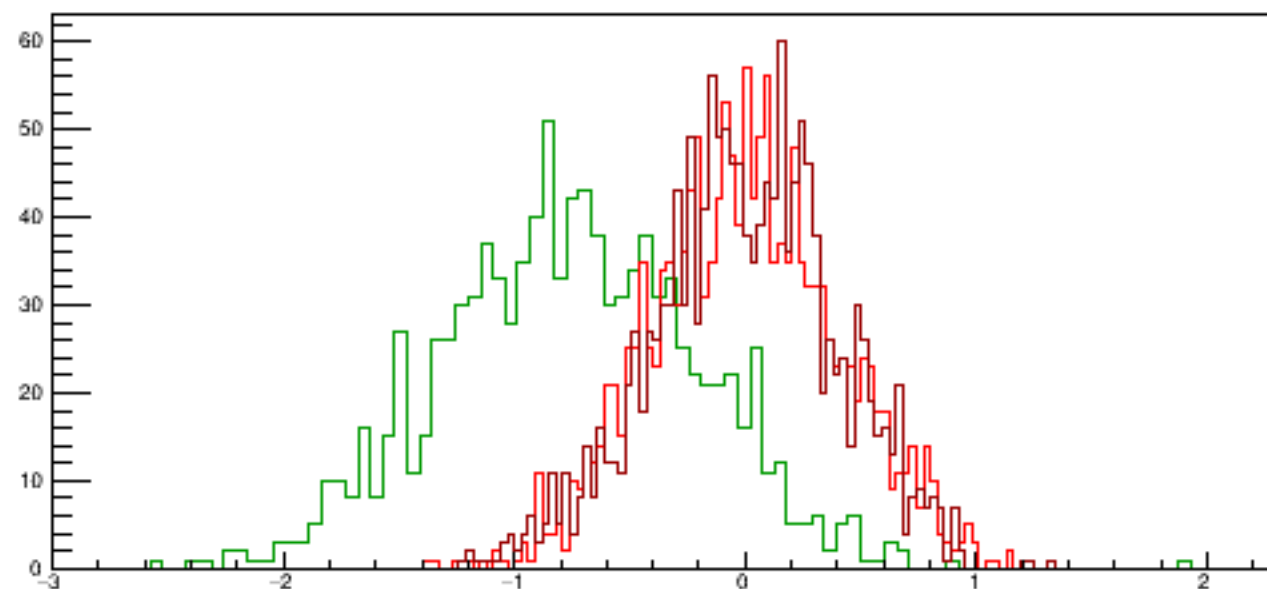
Std Dev: 0.5553 +/- 0.0121

Entries: 1538

Mean: -0.0043 +/- 0.0102

Std Dev: 0.3990 +/- 0.0072

Run 6090 quartetwise, Diffs



Cycle 8, Sums

Entries: 1551

Mean: 6.9174 +/- 0.0112

Std Dev: 0.4394 +/- 0.0079

Entries: 1046

Mean: 31.1612 +/- 0.0322

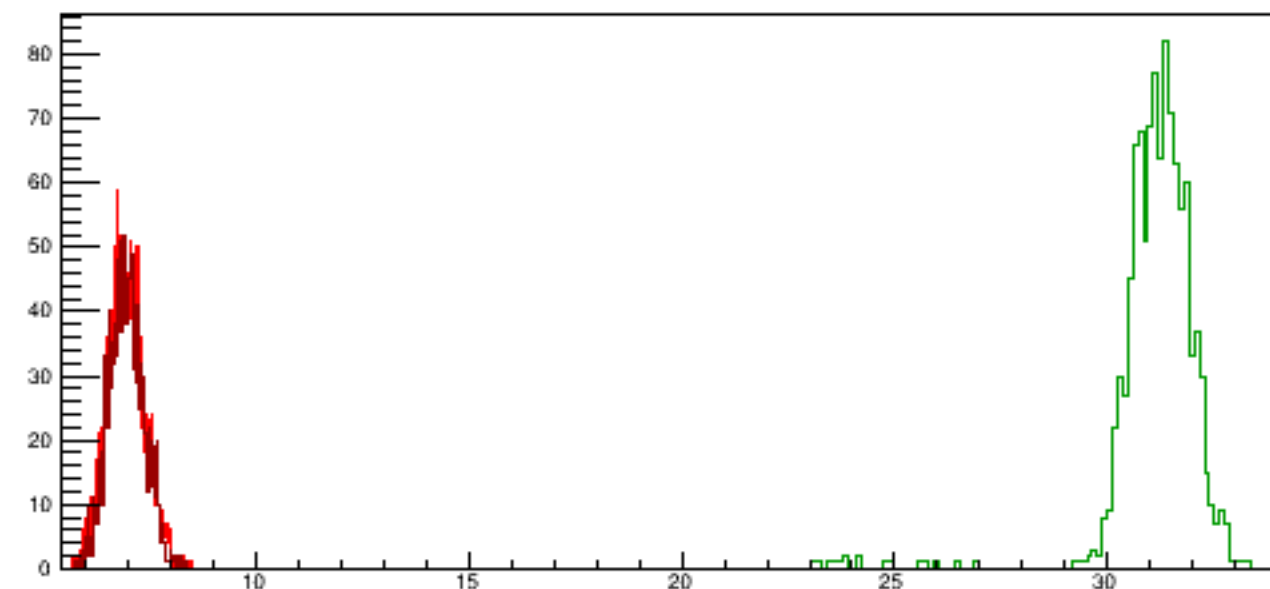
Std Dev: 1.0418 +/- 0.0228

Entries: 1538

Mean: 6.9289 +/- 0.0106

Std Dev: 0.4171 +/- 0.0075

Run 6090 quartetwise, Sums



Cycle 8, Asyms

Entries: 1551

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0167 +/- 0.0003

Entries: 1046

Mean: -0.0313 +/- 0.0007

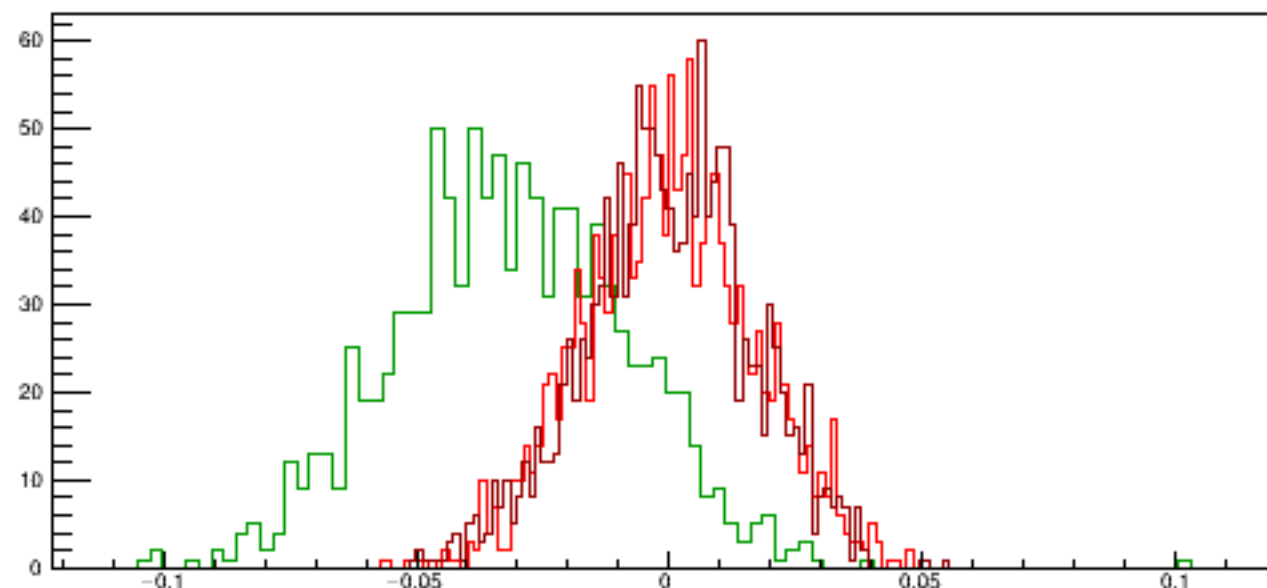
Std Dev: 0.0230 +/- 0.0005

Entries: 1538

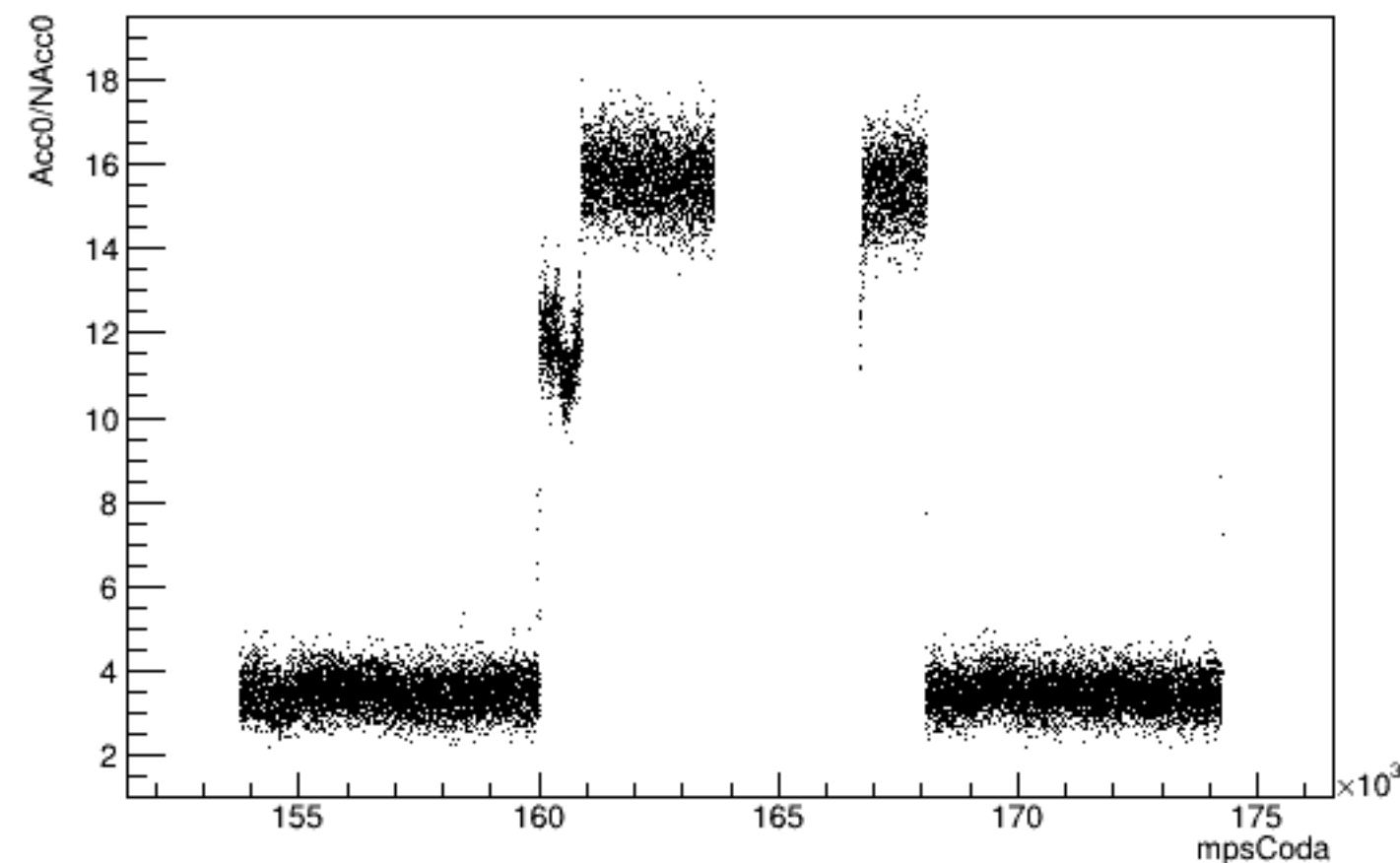
Mean: -0.0002 +/- 0.0004

Std Dev: 0.0165 +/- 0.0003

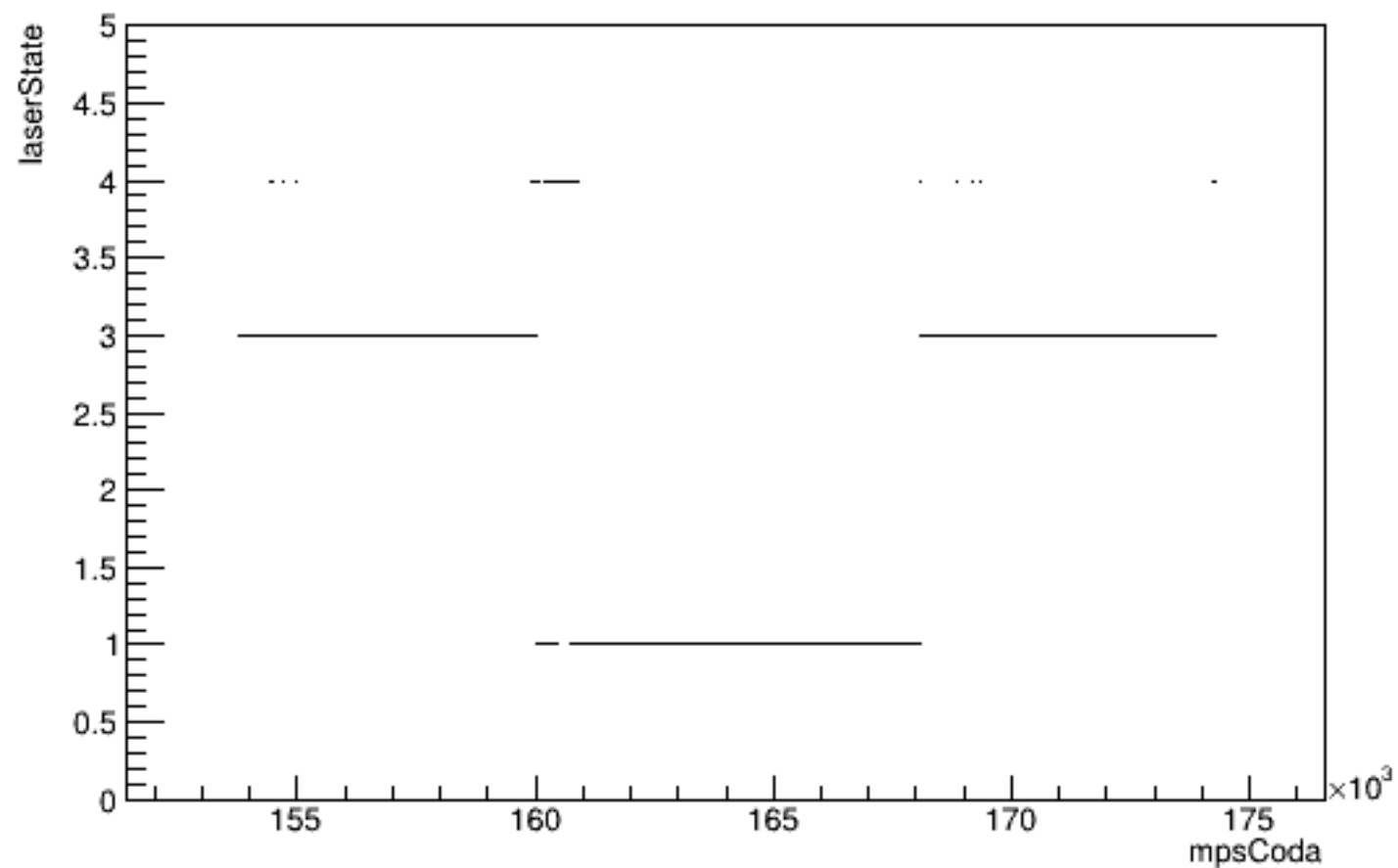
Run 6090 quartetwise, Asyms



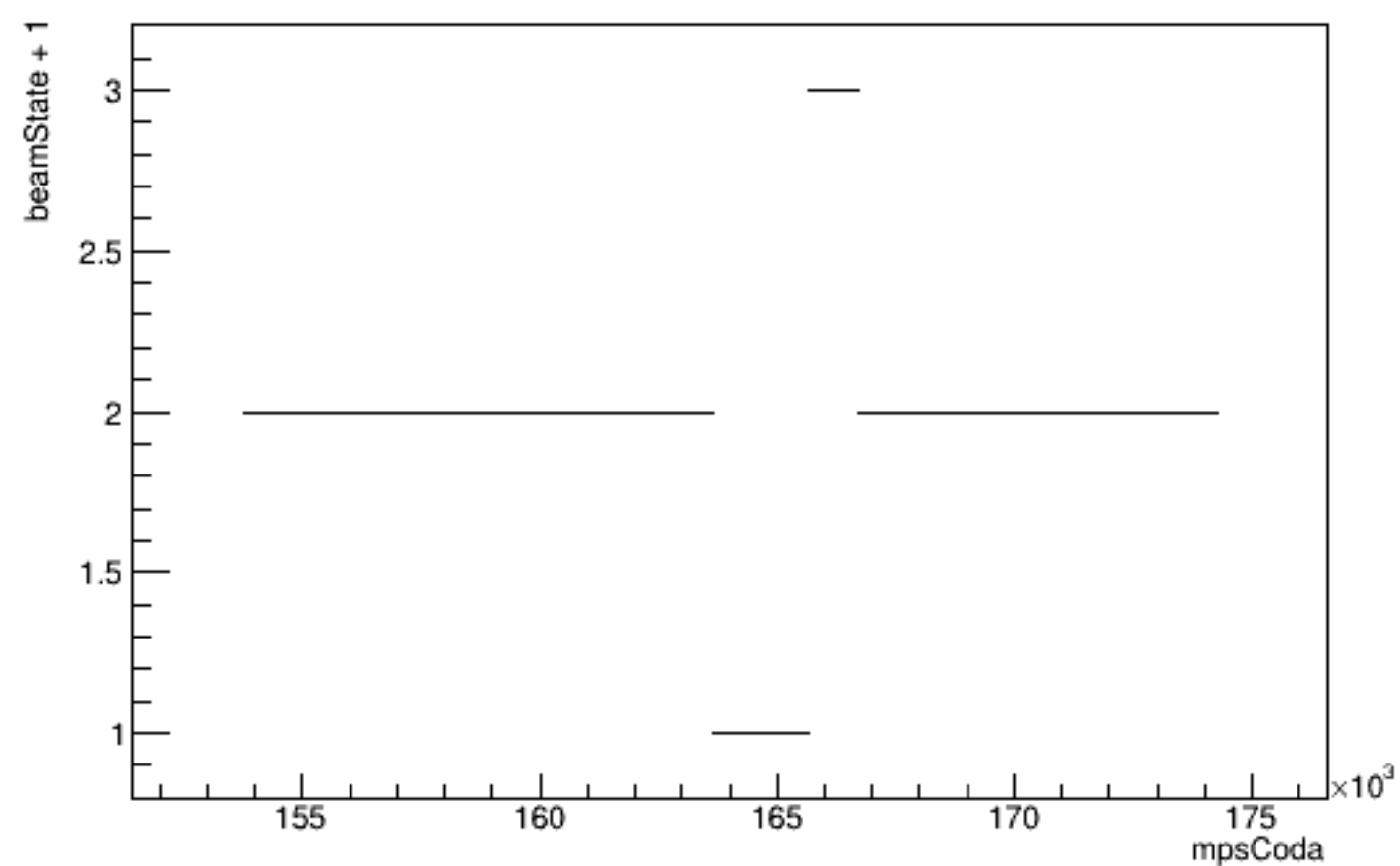
Acc0/NAcc0:mpsCoda (mpsCoda>=153768 && mpsCoda<=174263 && beamState==1)



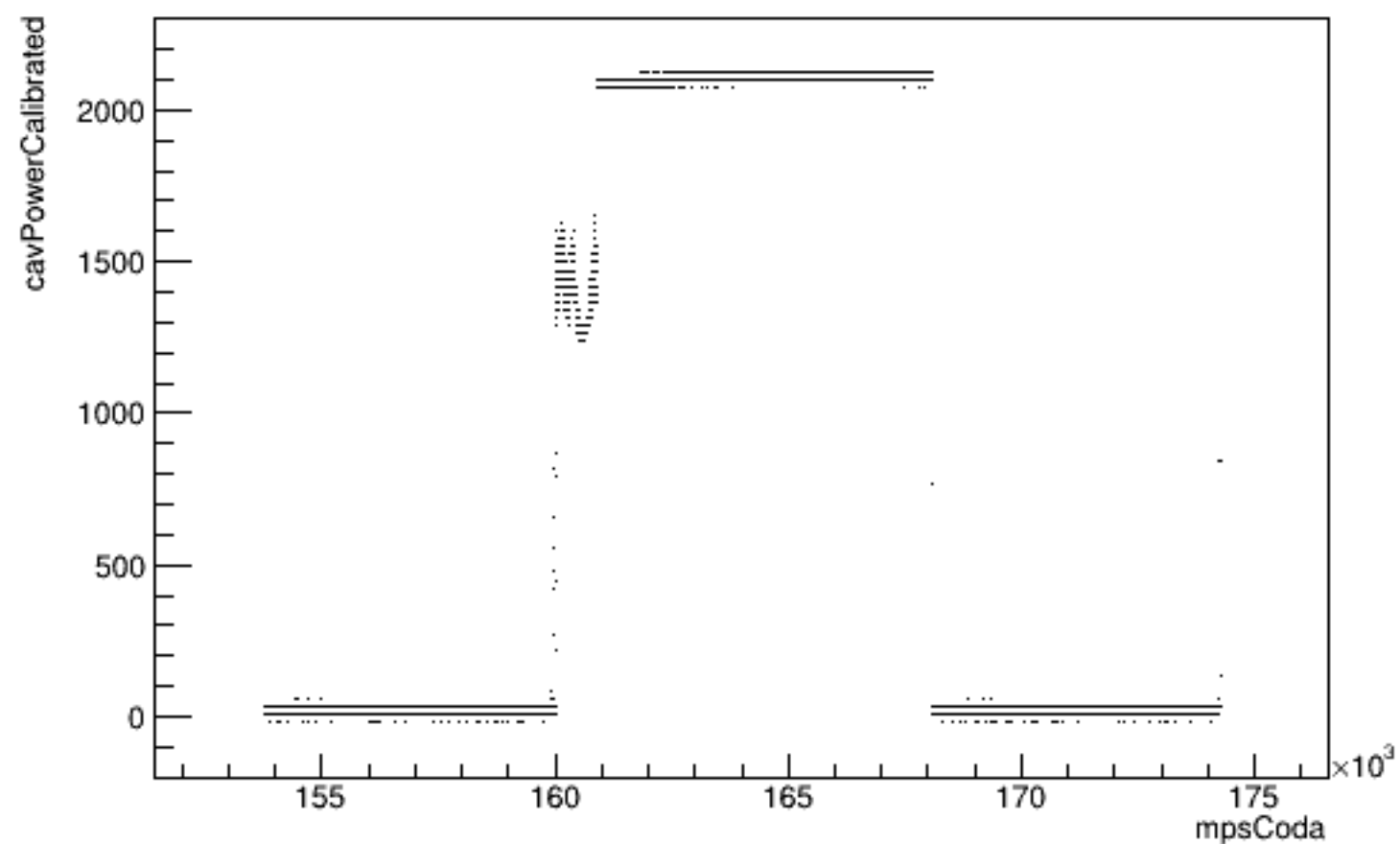
laserState:mpsCoda {mpsCoda>=153768 && mpsCoda<=174263}



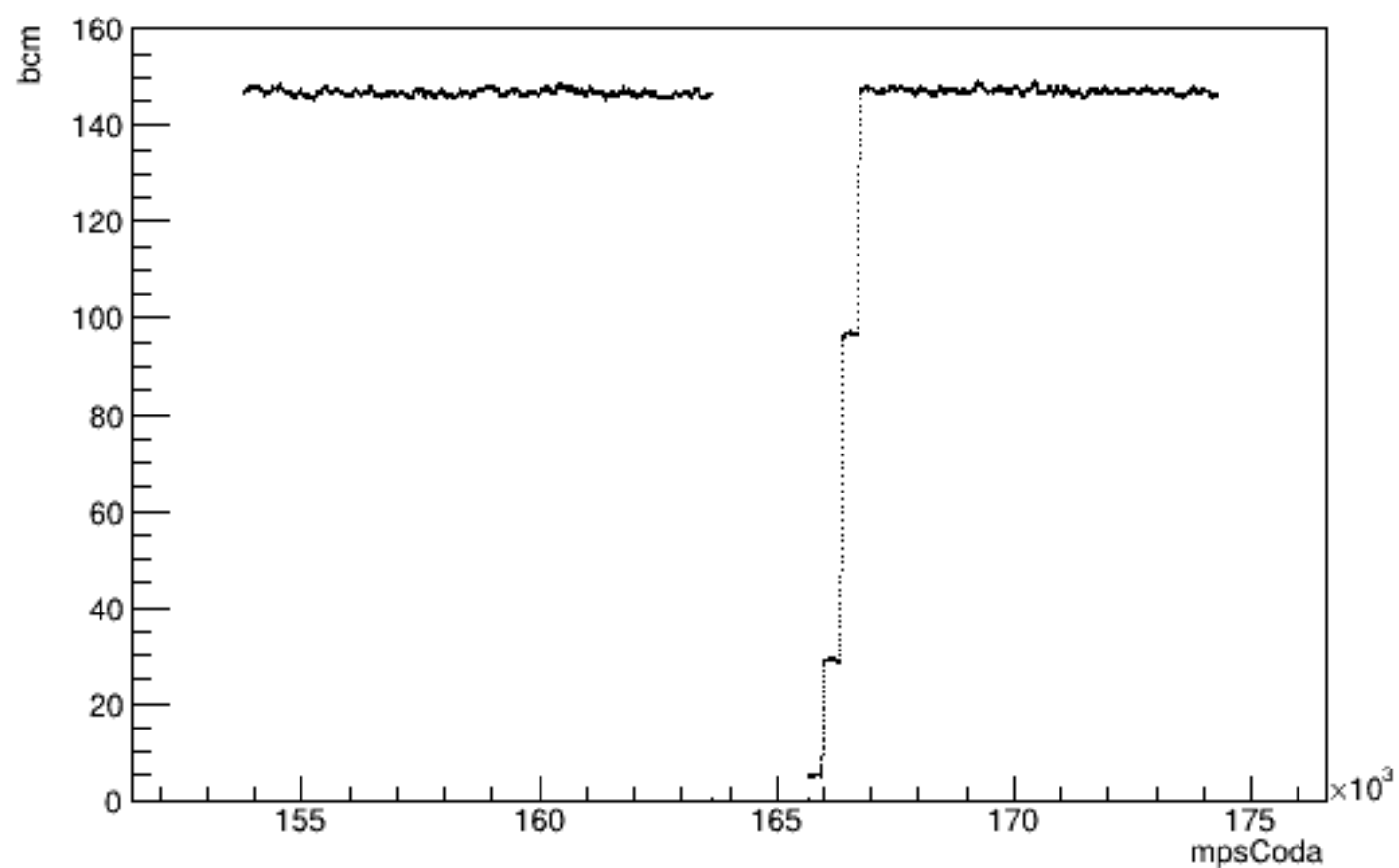
beamState + 1:mpsCoda {mpsCoda>=153768 && mpsCoda<=174263}



cavPowerCalibrated:mpsCoda {mpsCoda>=153768 && mpsCoda<=174263}



bcm:mpsCoda {mpsCoda>=153768 && mpsCoda<=174263}



Cycle 9, Diffs

Entries: 1538

Mean: -0.0043 +/- 0.0102

Std Dev: 0.3990 +/- 0.0072

Entries: 1885

Mean: -0.7647 +/- 0.0125

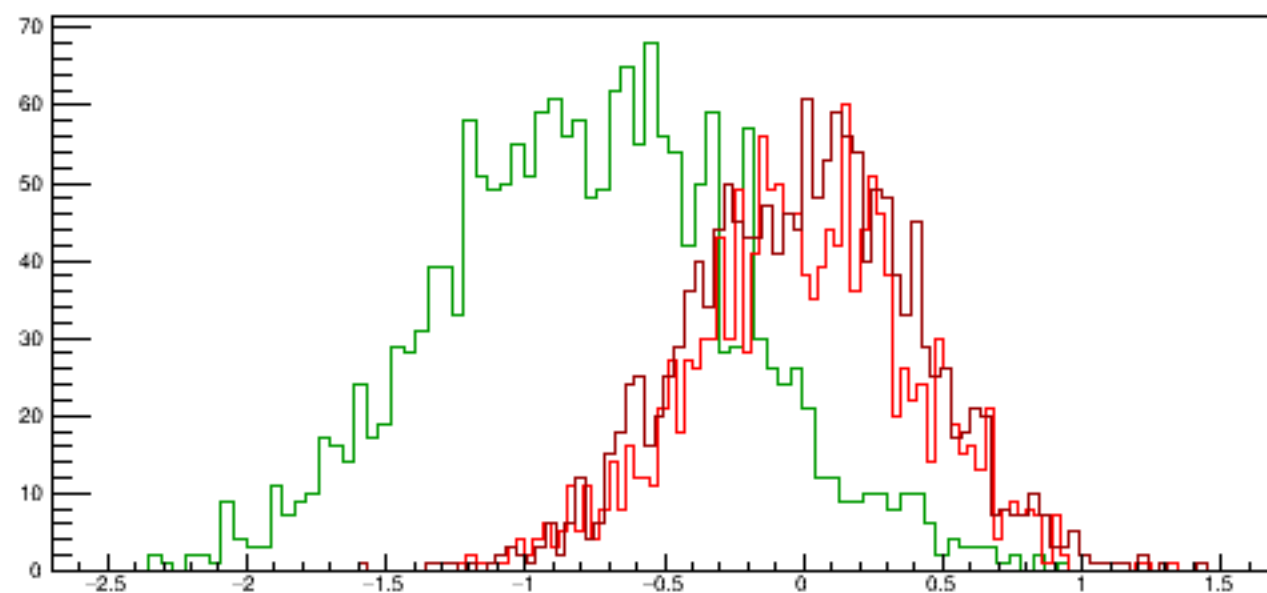
Std Dev: 0.5410 +/- 0.0088

Entries: 1545

Mean: 0.0014 +/- 0.0104

Std Dev: 0.4086 +/- 0.0074

Run 6090 quartetwise, Diffs



Cycle 9, Sums

Entries: 1538

Mean: 6.9289 +/- 0.0106

Std Dev: 0.4171 +/- 0.0075

Entries: 1885

Mean: 30.6406 +/- 0.0484

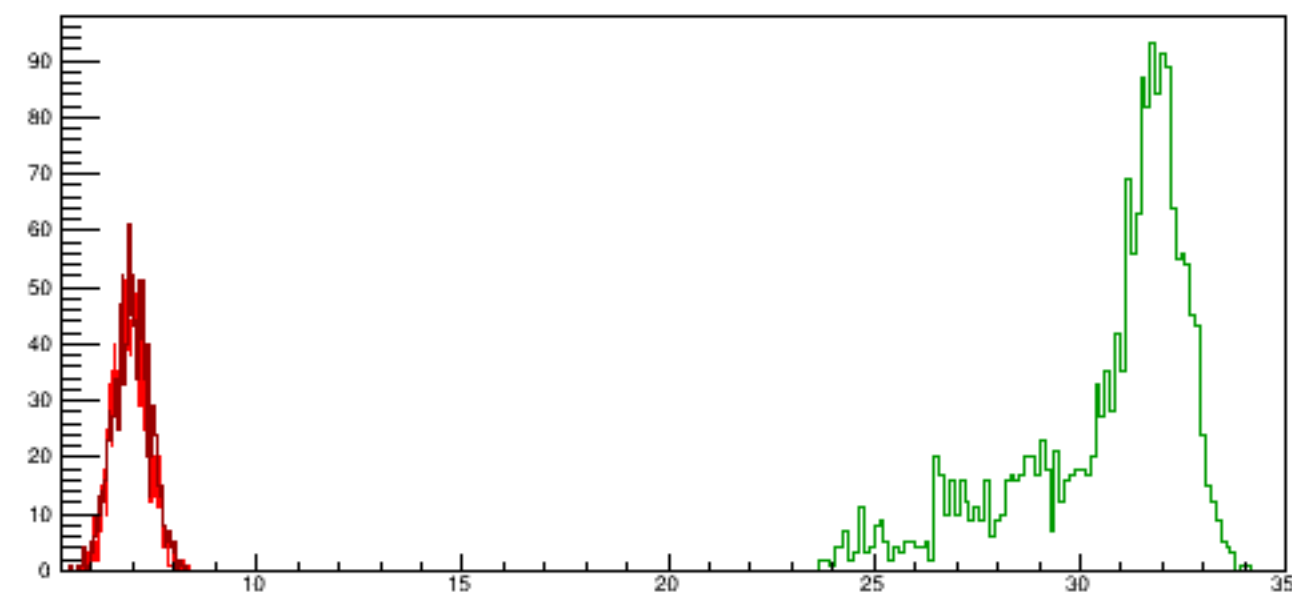
Std Dev: 2.1024 +/- 0.0342

Entries: 1545

Mean: 6.9613 +/- 0.0111

Std Dev: 0.4376 +/- 0.0079

Run 6090 quartetwise, Sums



Cycle 9, Asyms

Entries: 1538

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0168 +/- 0.0003

Entries: 1885

Mean: -0.0323 +/- 0.0005

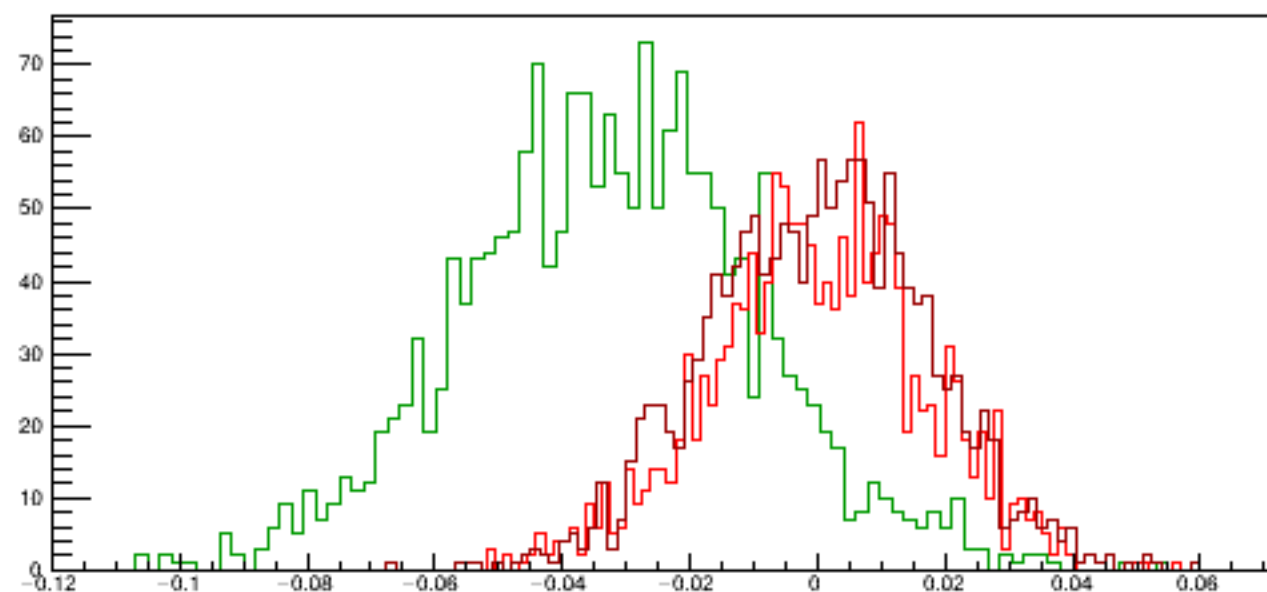
Std Dev: 0.0231 +/- 0.0004

Entries: 1545

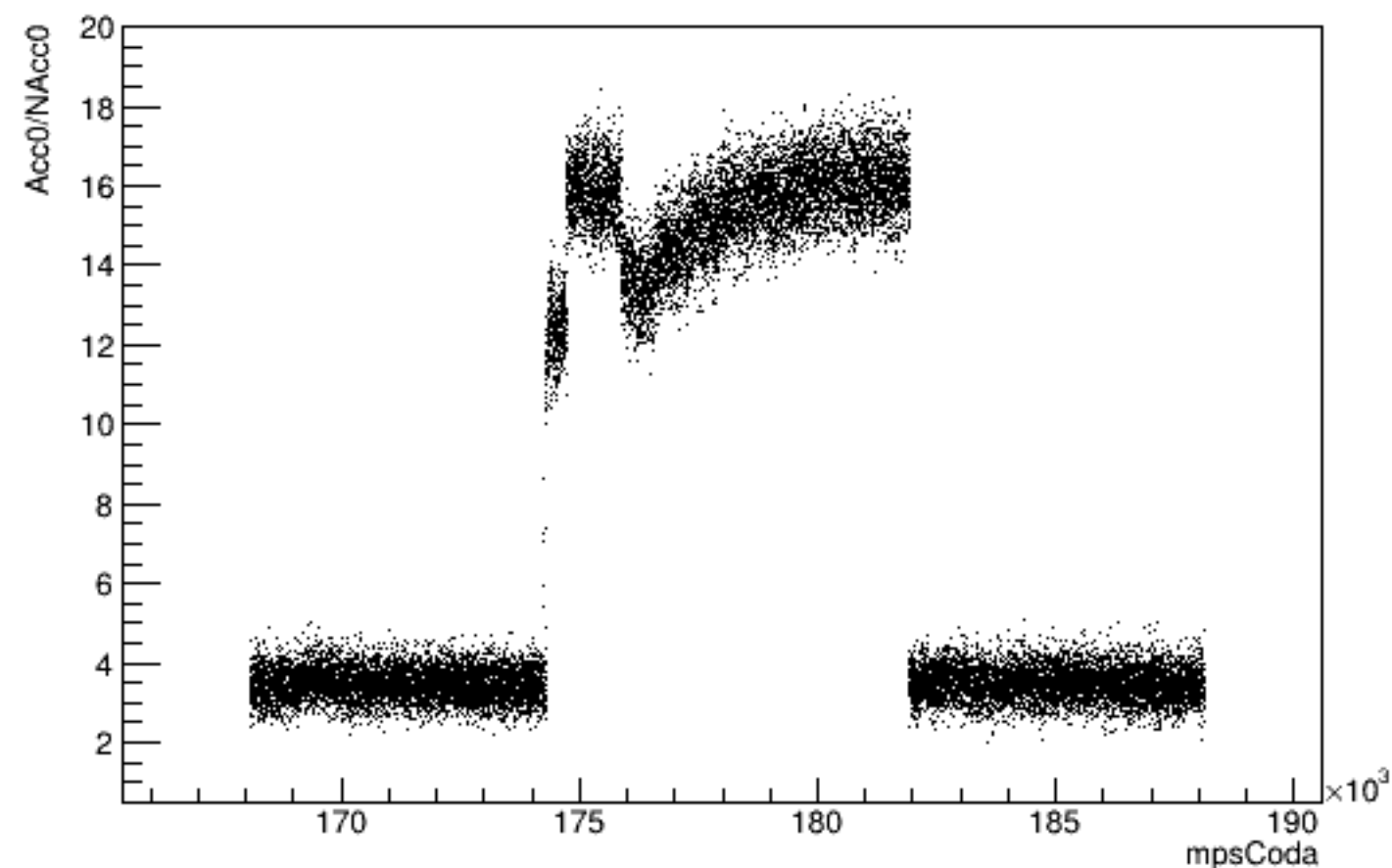
Mean: 0.0001 +/- 0.0004

Std Dev: 0.0172 +/- 0.0003

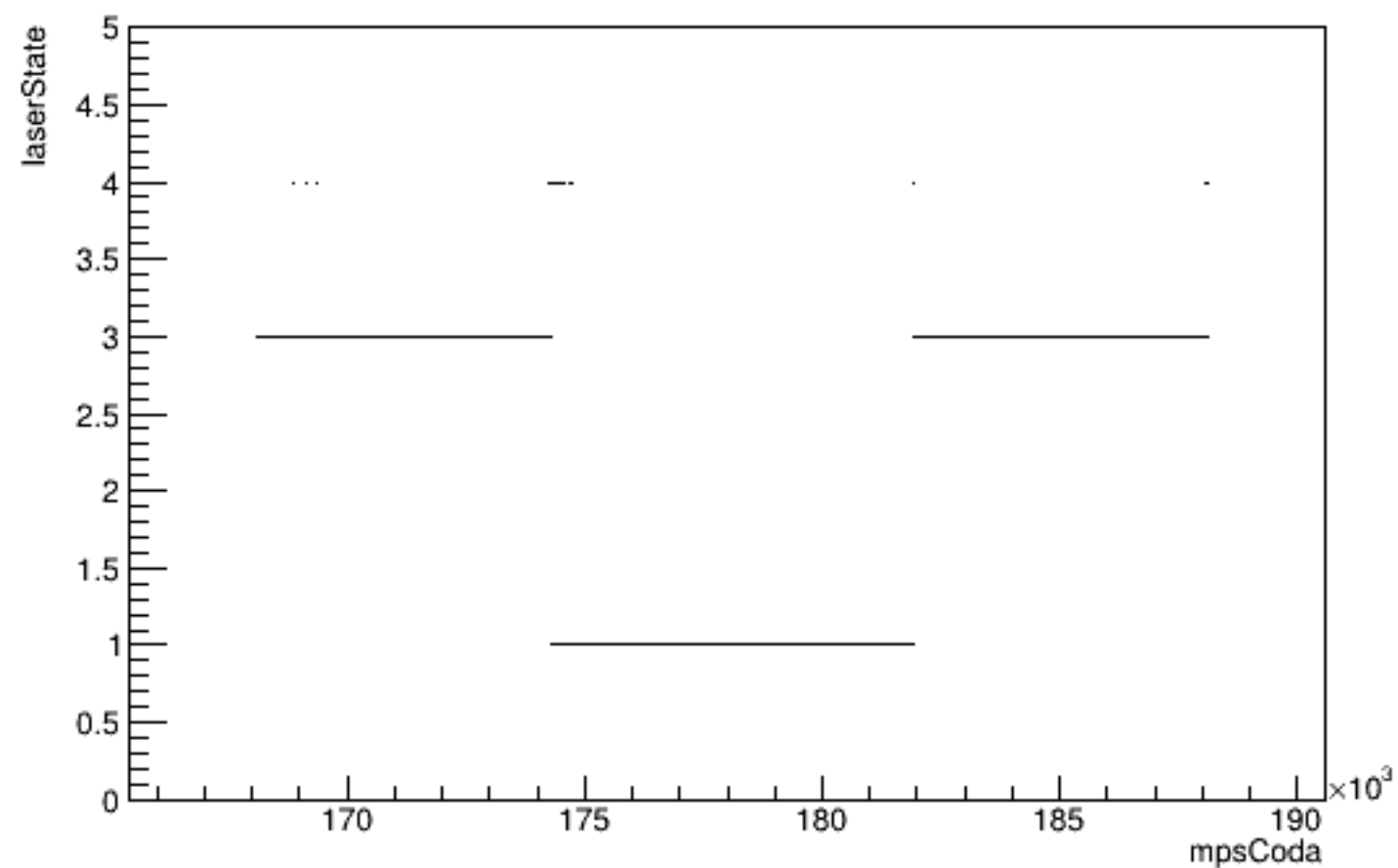
Run 6090 quartetwise, Asyms



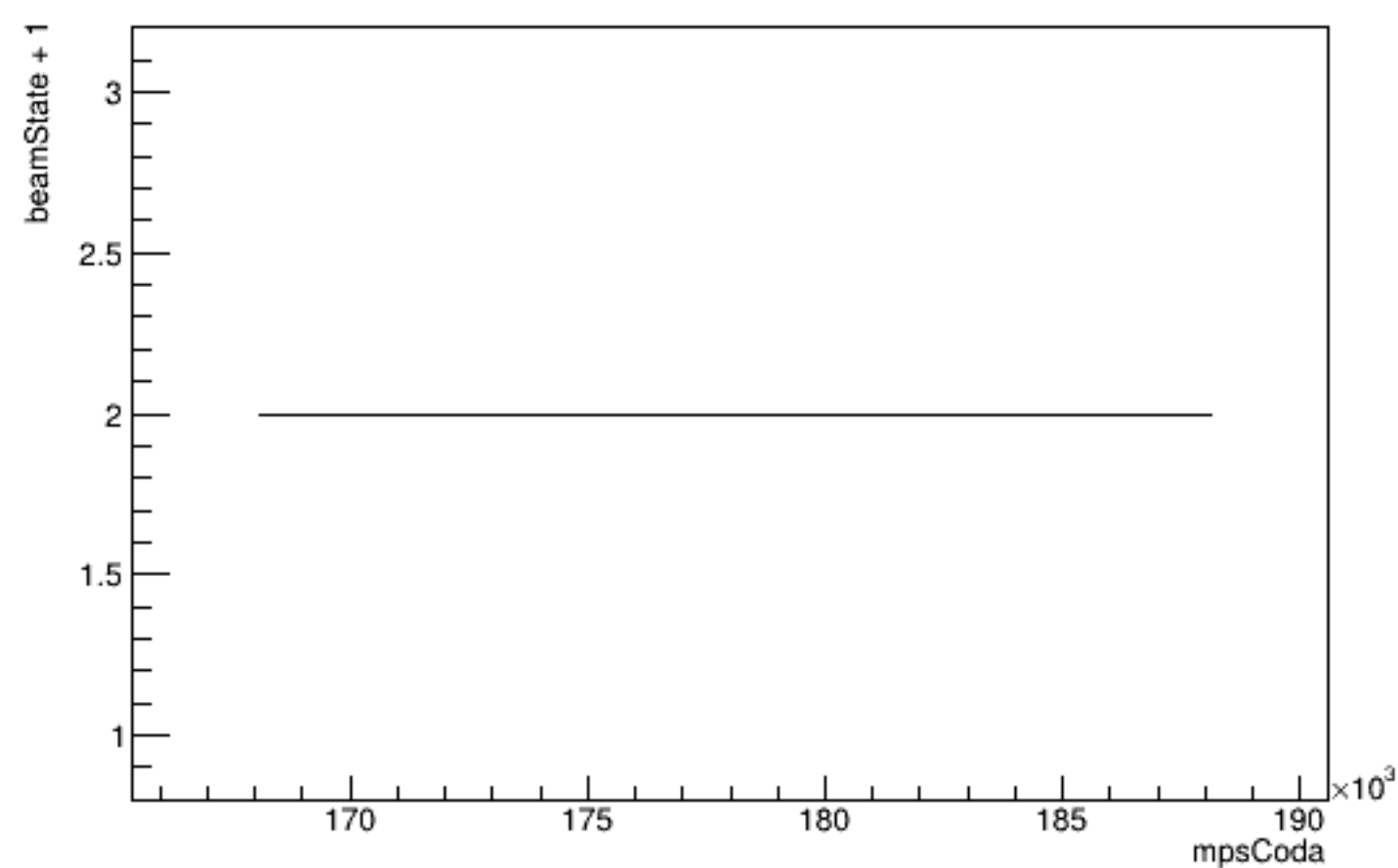
Acc0/NAcc0:mpsCoda (mpsCoda>=168092 && mpsCoda<=188119 && beamState==1)



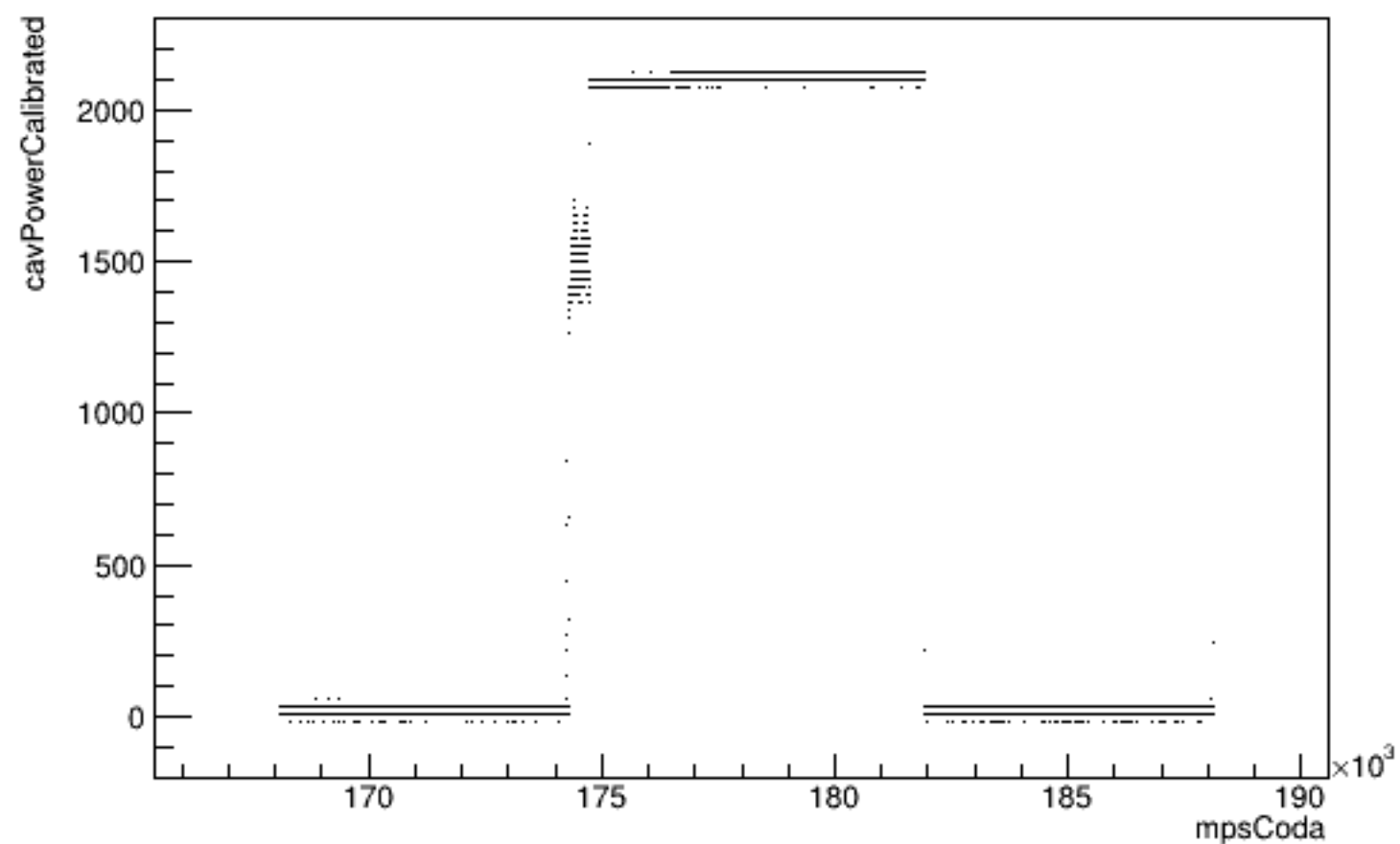
laserState:mpsCoda {mpsCoda>=168092 && mpsCoda<=188119}



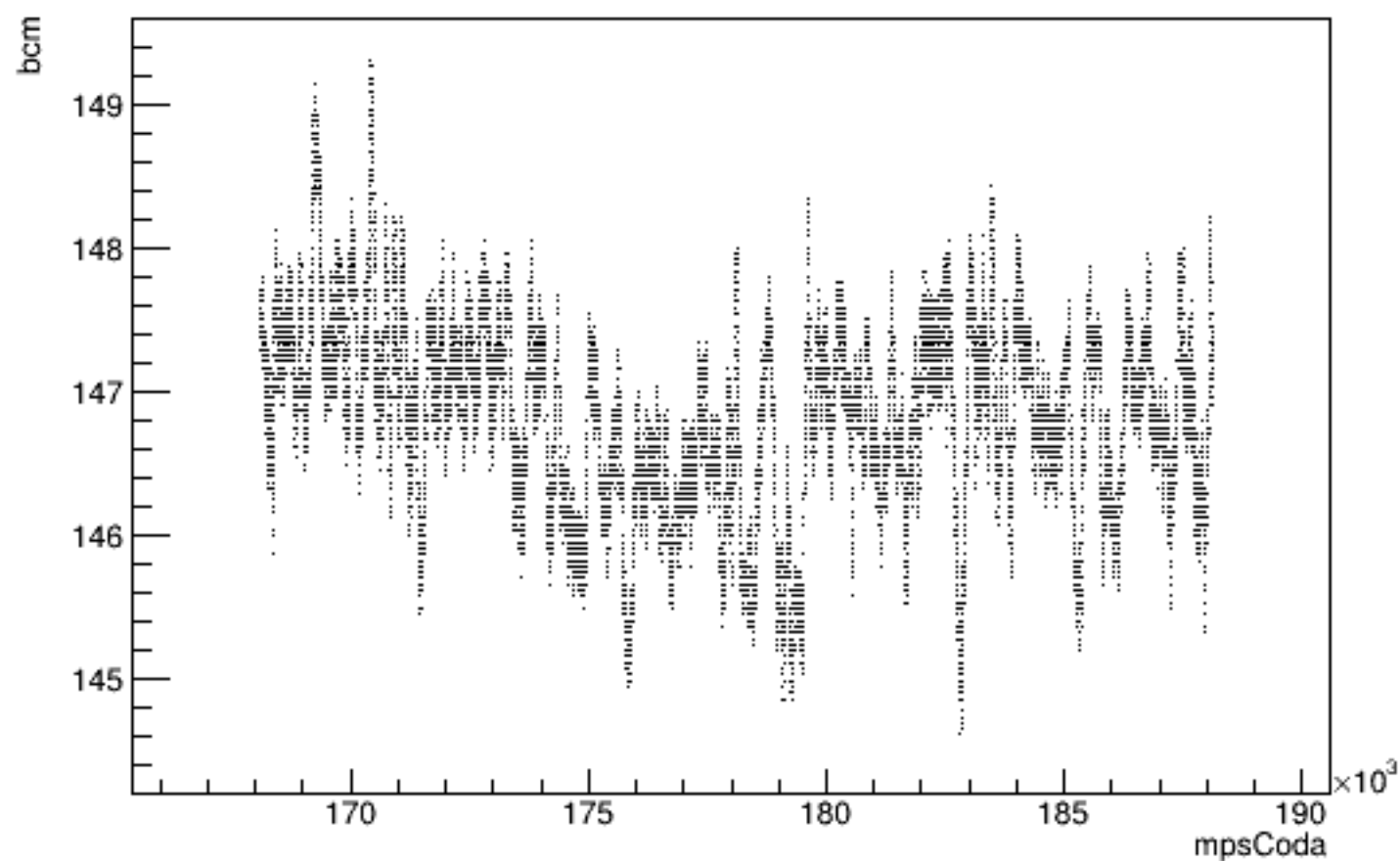
beamState + 1:mpsCoda {mpsCoda>=168092 && mpsCoda<=188119}



cavPowerCalibrated:mpsCoda {mpsCoda>=168092 && mpsCoda<=188119}



bcm:mpsCoda {mpsCoda>=168092 && mpsCoda<=188119}



Cycle 10, Diffs

Entries: 1545

Mean: 0.0014 +/- 0.0104

Std Dev: 0.4086 +/- 0.0074

Entries: 1801

Mean: -0.8180 +/- 0.0128

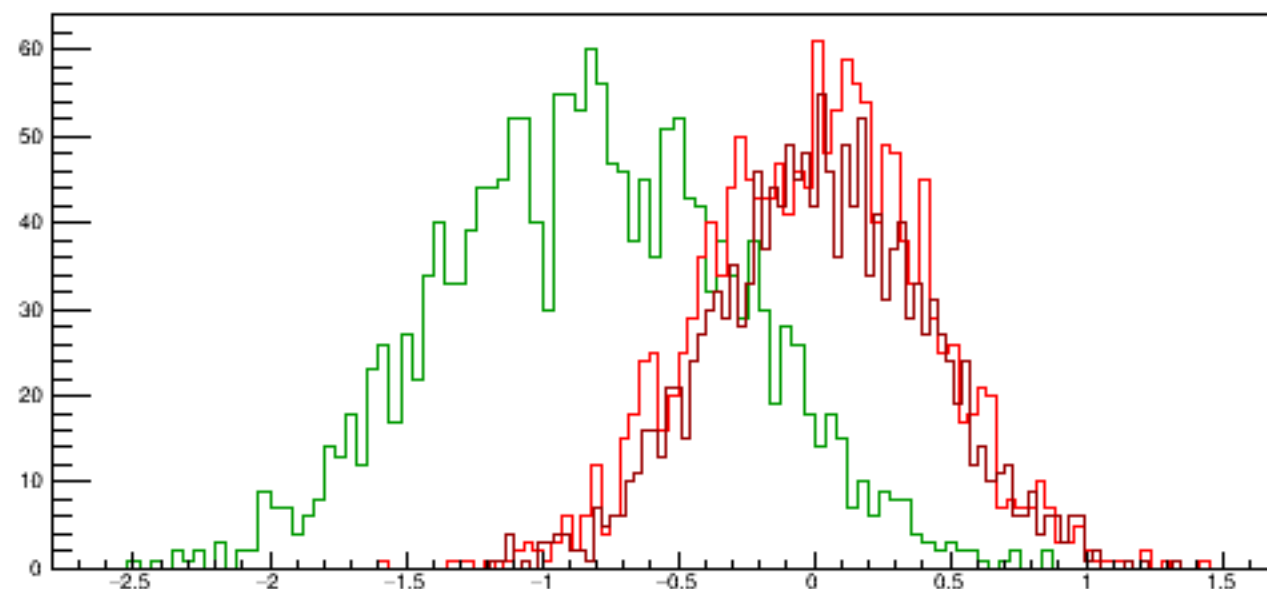
Std Dev: 0.5428 +/- 0.0090

Entries: 1558

Mean: 0.0235 +/- 0.0100

Std Dev: 0.3941 +/- 0.0071

Run 6090 quartetwise, Diffs



Cycle 10, Sums

Entries: 1545

Mean: 6.9613 +/- 0.0111

Std Dev: 0.4376 +/- 0.0079

Entries: 1801

Mean: 32.0511 +/- 0.0140

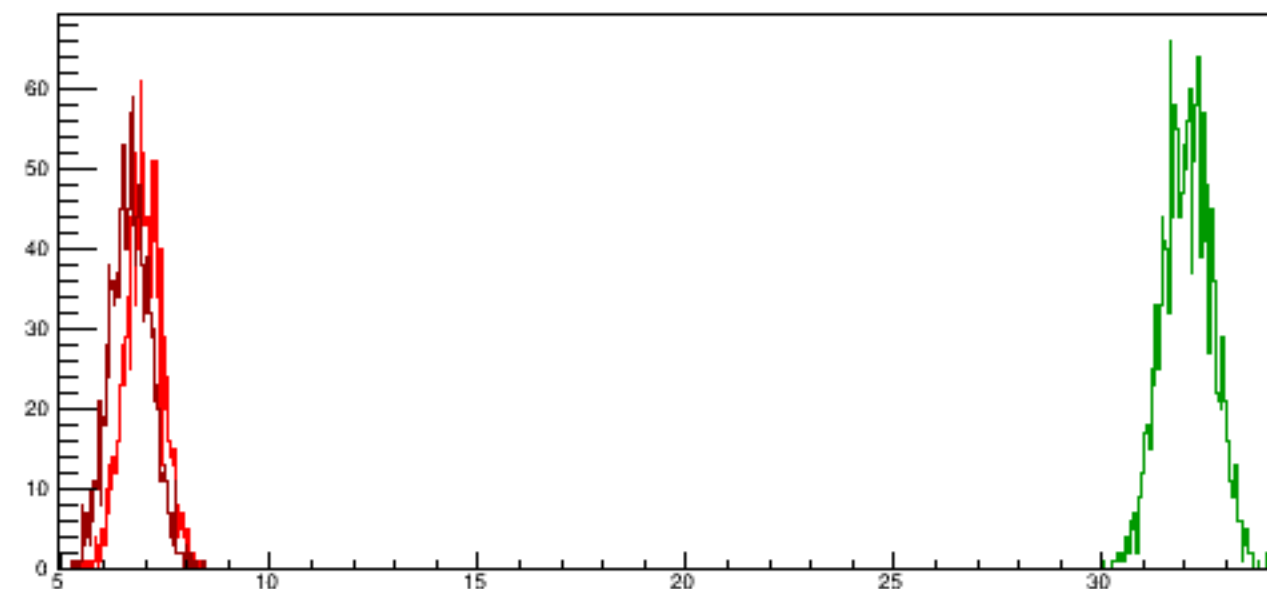
Std Dev: 0.5953 +/- 0.0099

Entries: 1558

Mean: 6.6472 +/- 0.0123

Std Dev: 0.4852 +/- 0.0087

Run 6090 quartetwise, Sums



Cycle 10, Asyms

Entries: 1545

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0162 +/- 0.0003

Entries: 1801

Mean: -0.0324 +/- 0.0005

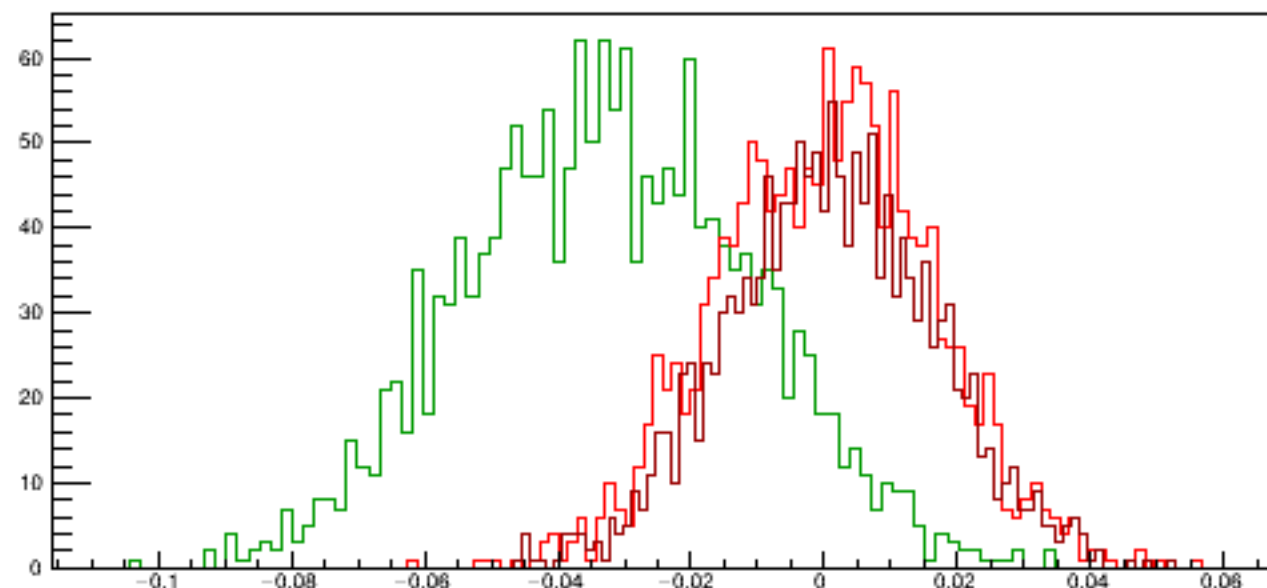
Std Dev: 0.0215 +/- 0.0004

Entries: 1558

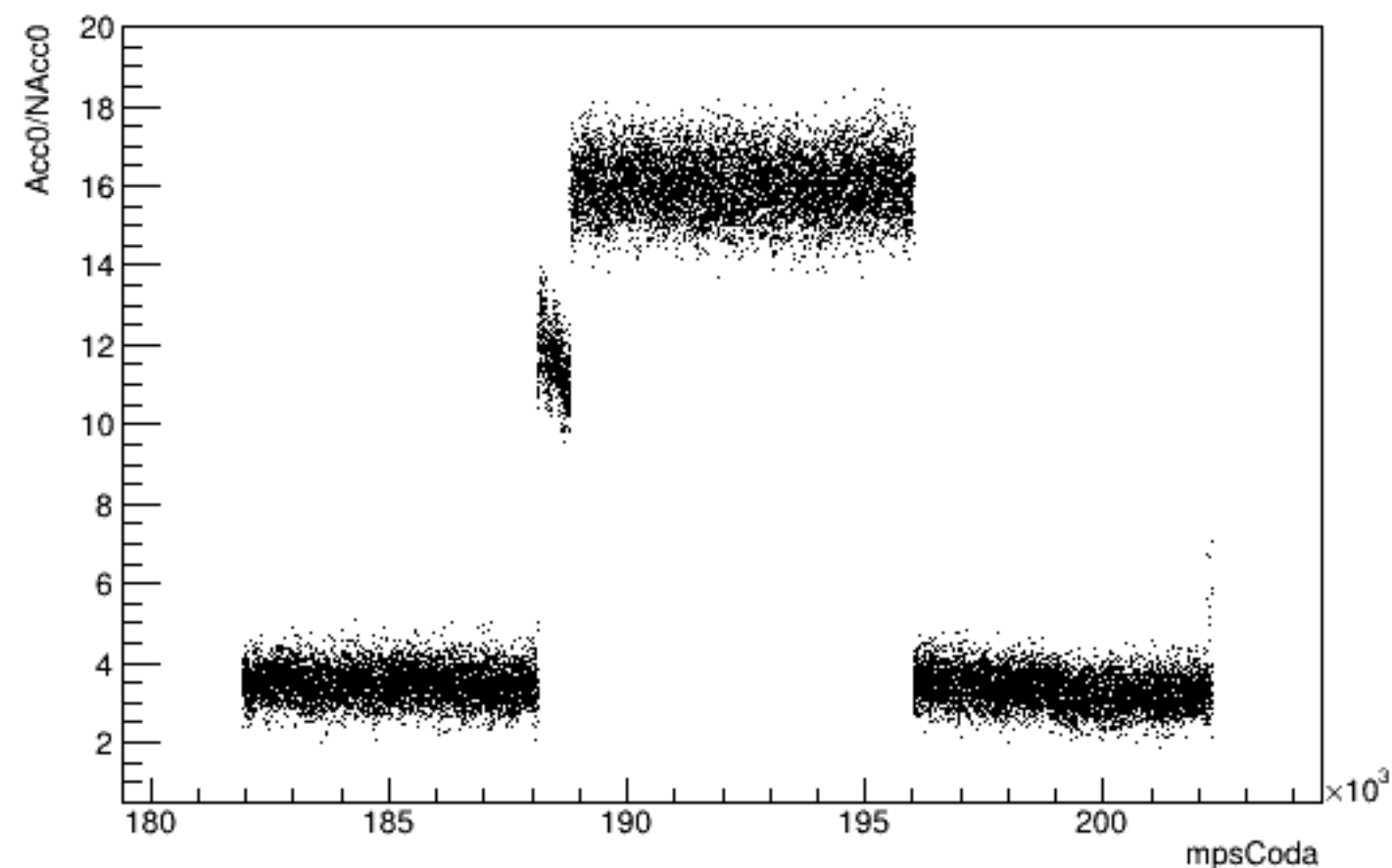
Mean: 0.0009 +/- 0.0004

Std Dev: 0.0156 +/- 0.0003

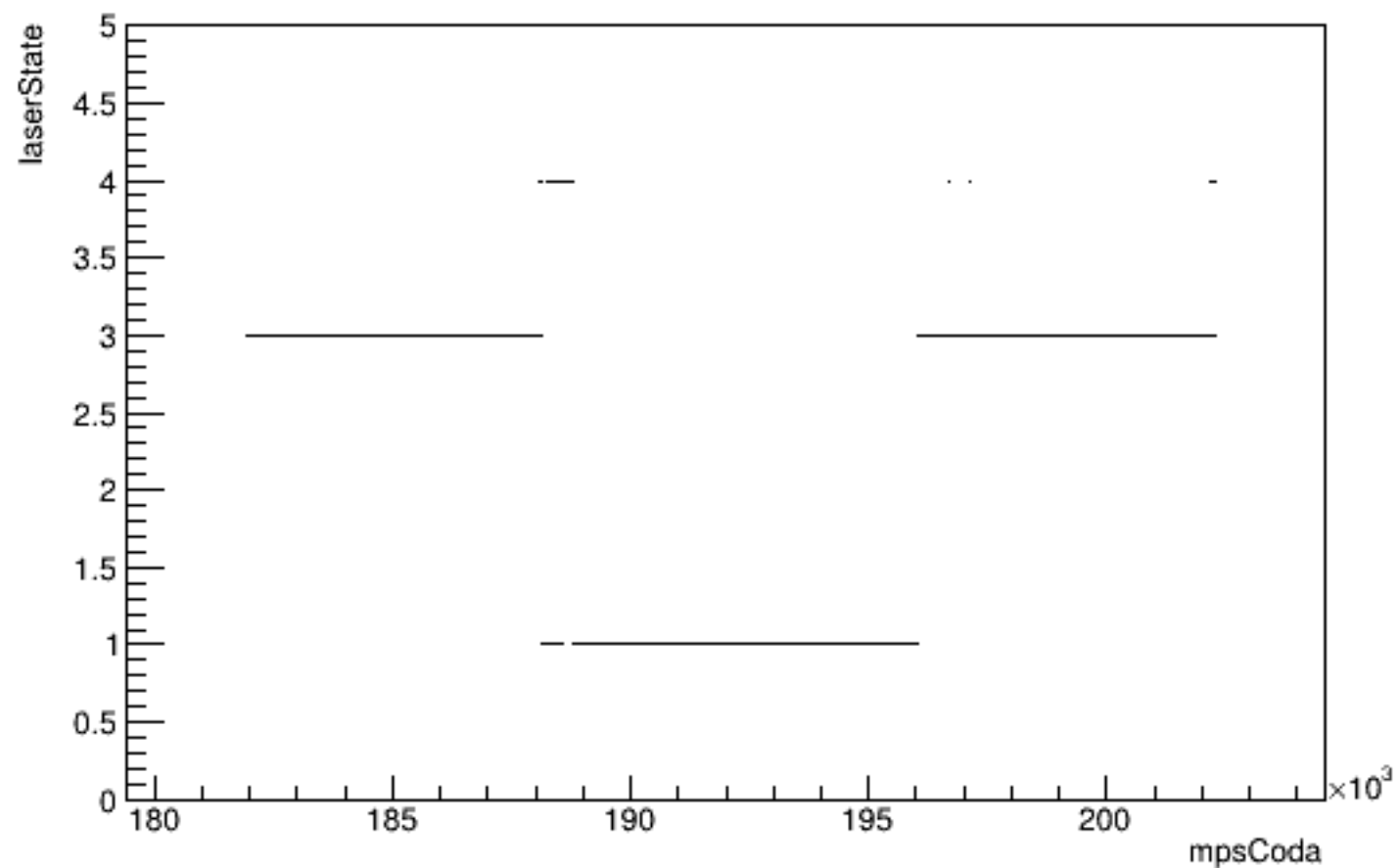
Run 6090 quartetwise, Asyms



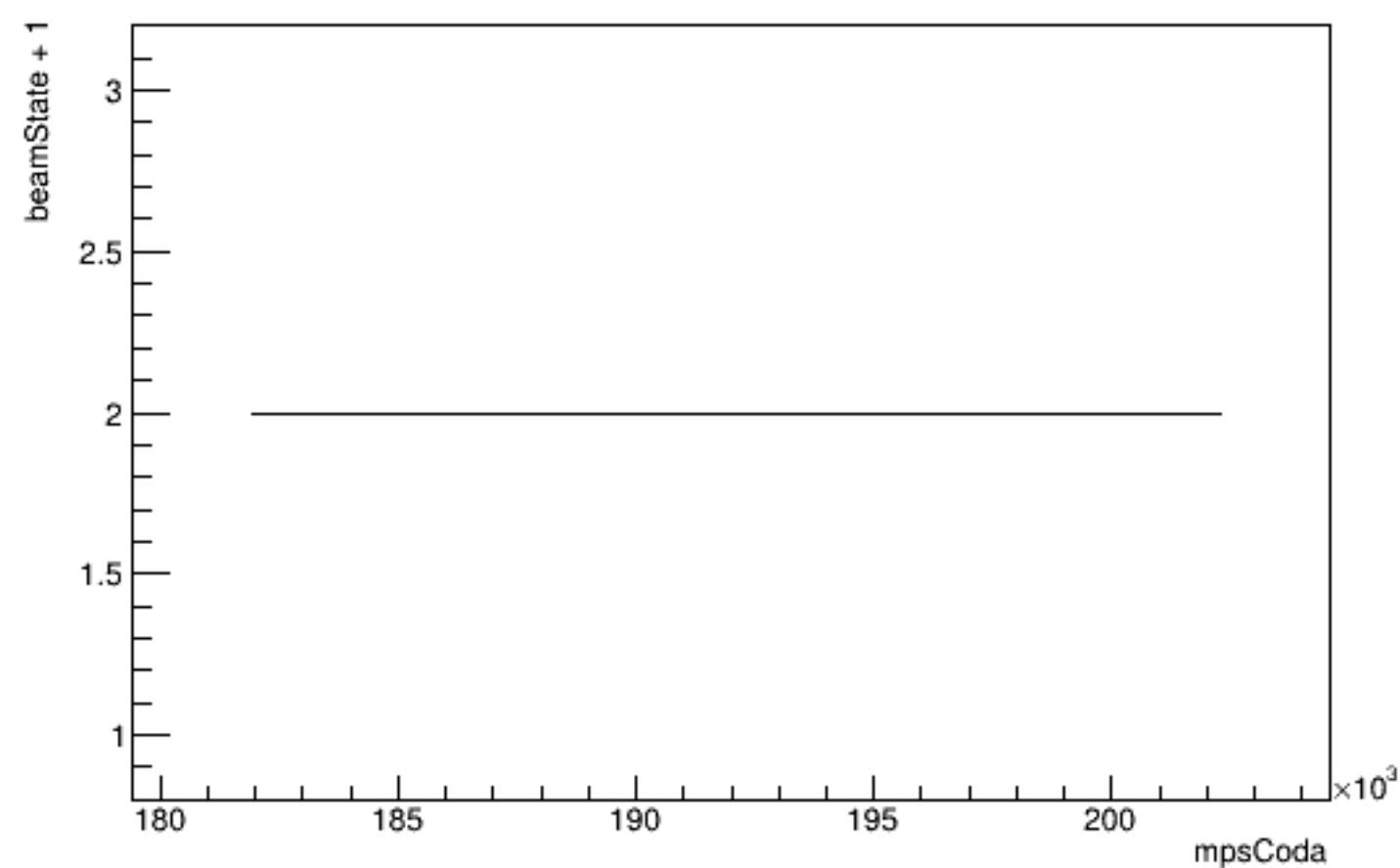
Acc0/NAcc0:mpsCoda (mpsCoda>=181932 && mpsCoda<=202287 && beamState==1)



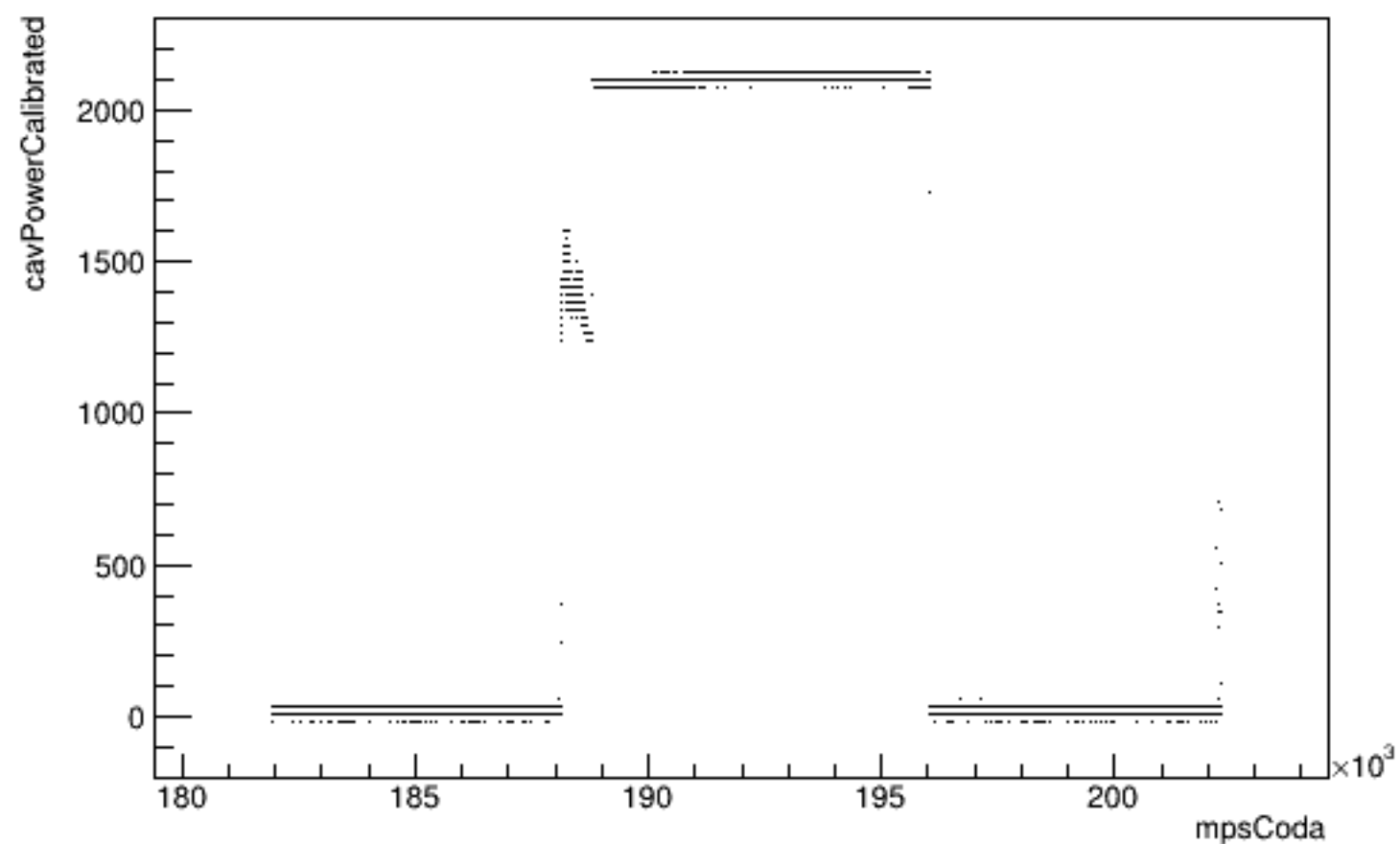
laserState:mpsCoda {mpsCoda>=181932 && mpsCoda<=202287}



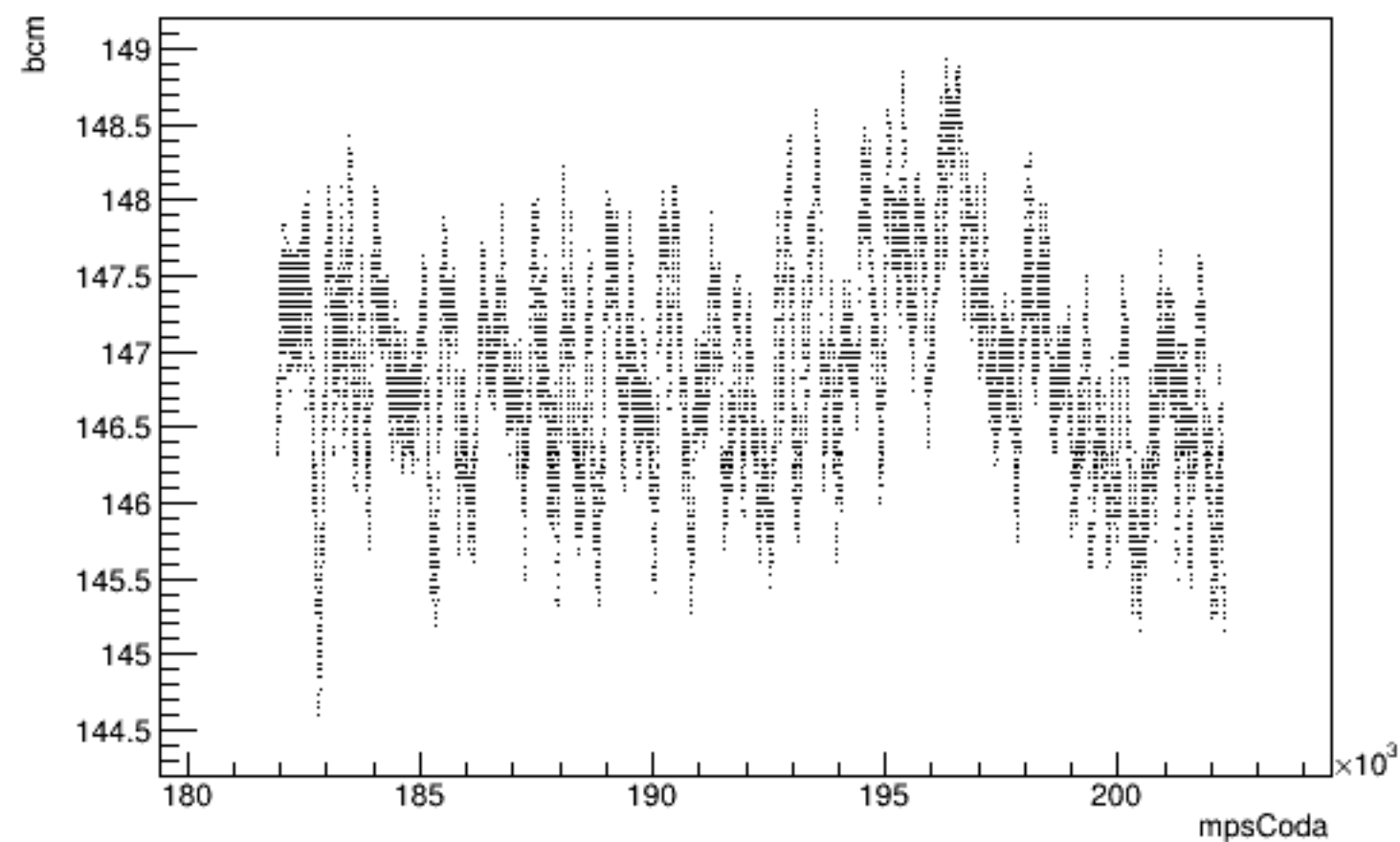
beamState + 1:mpsCoda {mpsCoda>=181932 && mpsCoda<=202287}



cavPowerCalibrated:mpsCoda {mpsCoda>=181932 && mpsCoda<=202287}



bcm:mpsCoda {mpsCoda>=181932 && mpsCoda<=202287}



Cycle 11, Diffs

Entries: 1550

Mean: -0.0048 +/- 0.0103

Std Dev: 0.4074 +/- 0.0073

Entries: 1800

Mean: -0.7675 +/- 0.0125

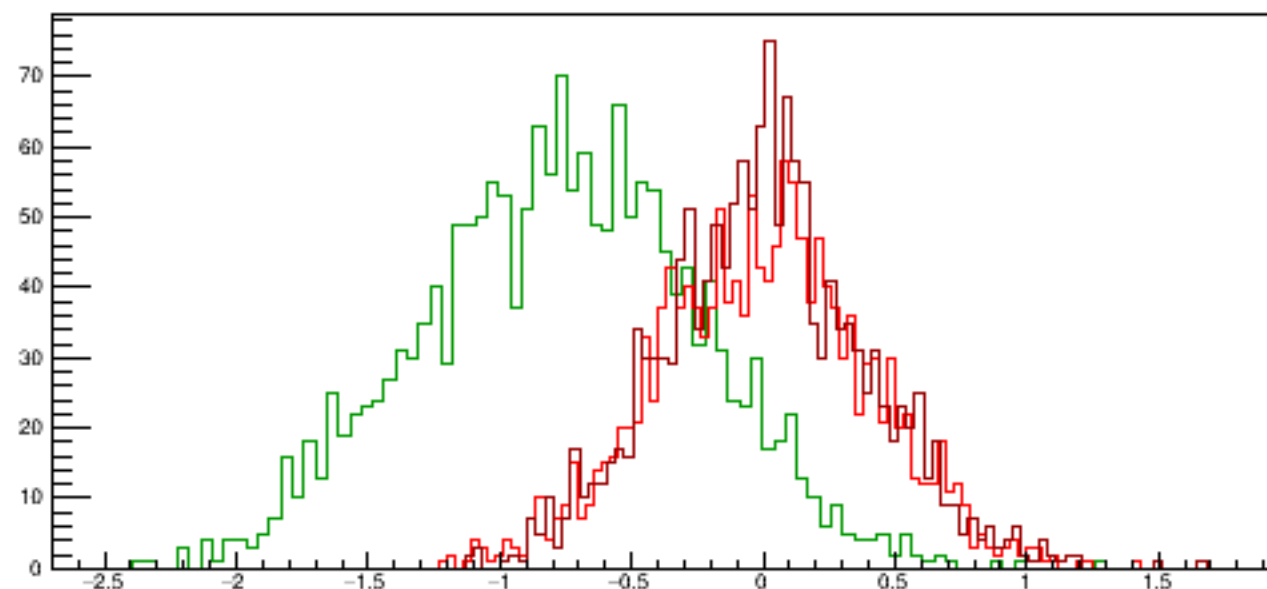
Std Dev: 0.5314 +/- 0.0089

Entries: 1554

Mean: 0.0086 +/- 0.0100

Std Dev: 0.3923 +/- 0.0070

Run 6090 quartetwise, Diffs



Cycle 11, Sums

Entries: 1550

Mean: 7.0506 +/- 0.0106

Std Dev: 0.4181 +/- 0.0075

Entries: 1800

Mean: 31.6804 +/- 0.0142

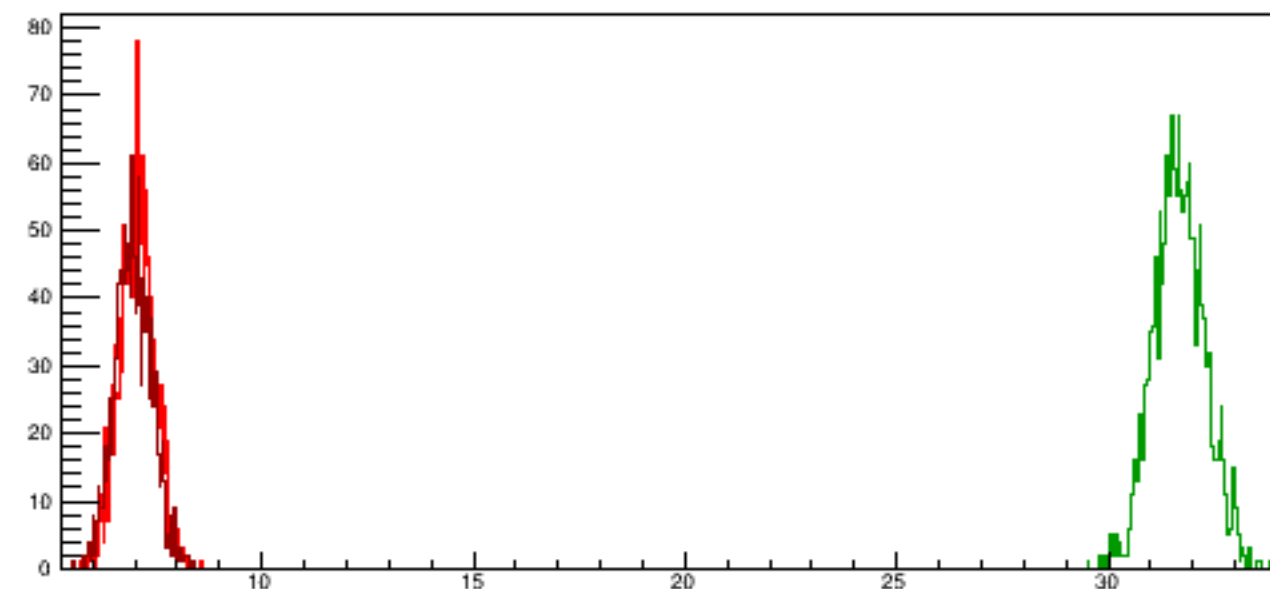
Std Dev: 0.6013 +/- 0.0100

Entries: 1554

Mean: 6.9662 +/- 0.0110

Std Dev: 0.4324 +/- 0.0078

Run 6090 quartetwise, Sums



Cycle 11, Asyms

Entries: 1550

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0165 +/- 0.0003

Entries: 1800

Mean: -0.0311 +/- 0.0005

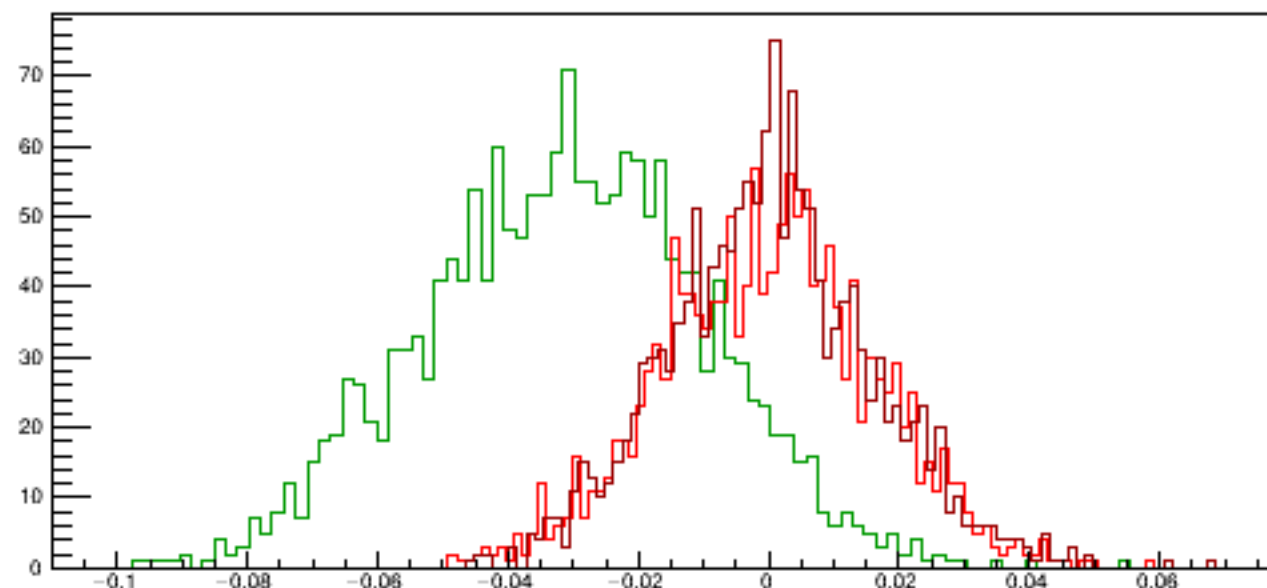
Std Dev: 0.0216 +/- 0.0004

Entries: 1554

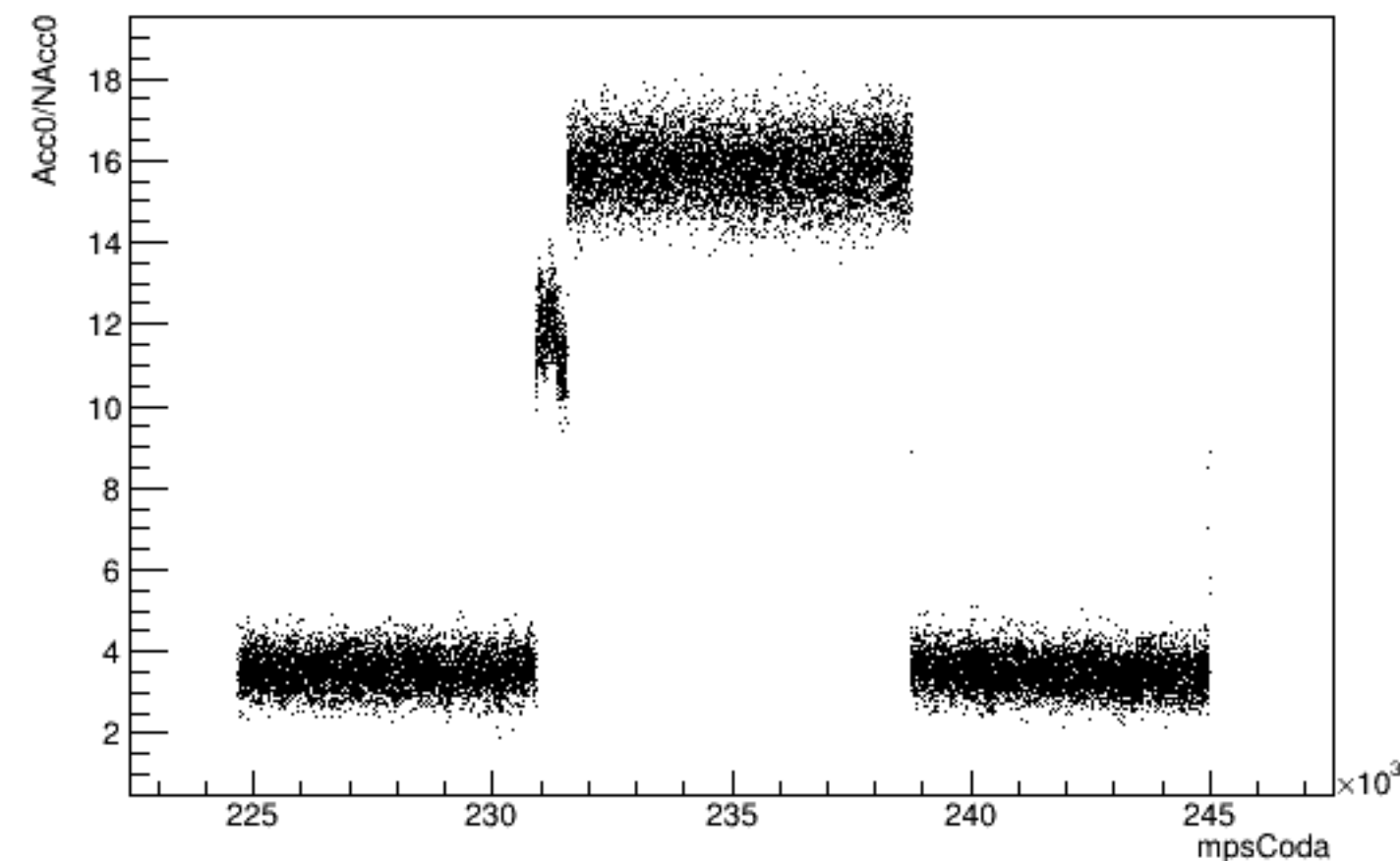
Mean: 0.0003 +/- 0.0004

Std Dev: 0.0159 +/- 0.0003

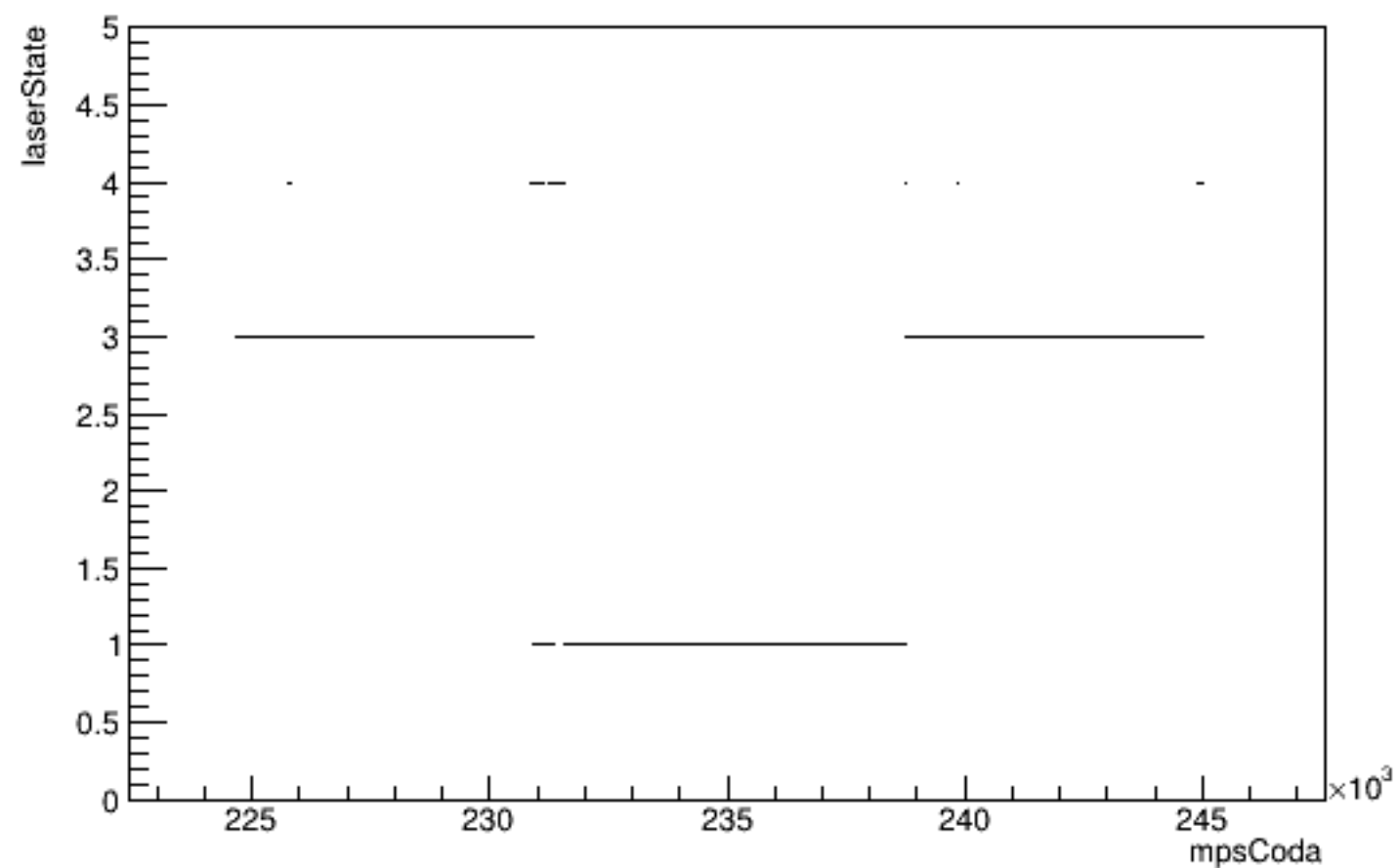
Run 6090 quartetwise, Asyms



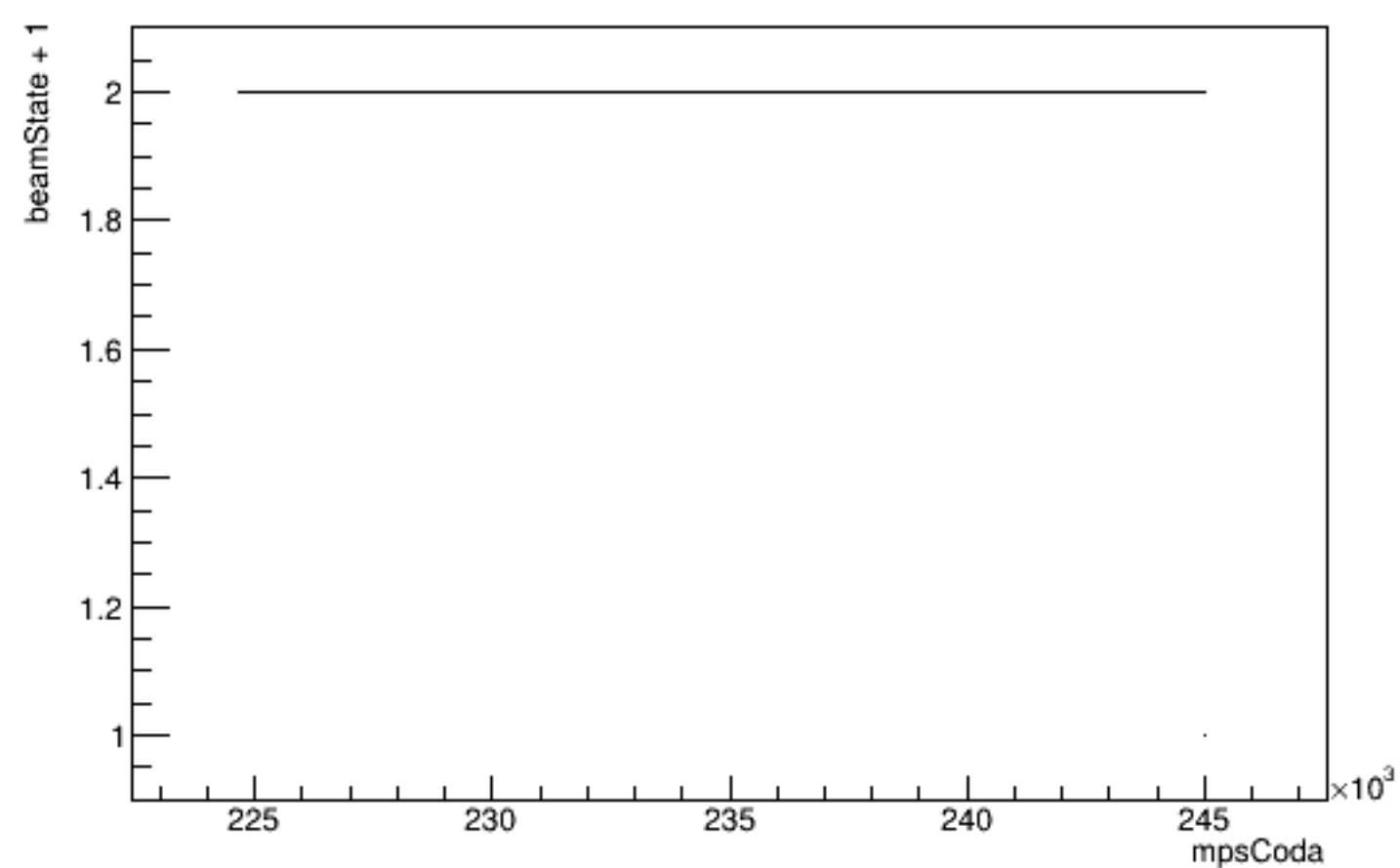
Acc0/NAcc0:mpsCoda (mpsCoda>=224676 && mpsCoda<=245023 && beamState==1)



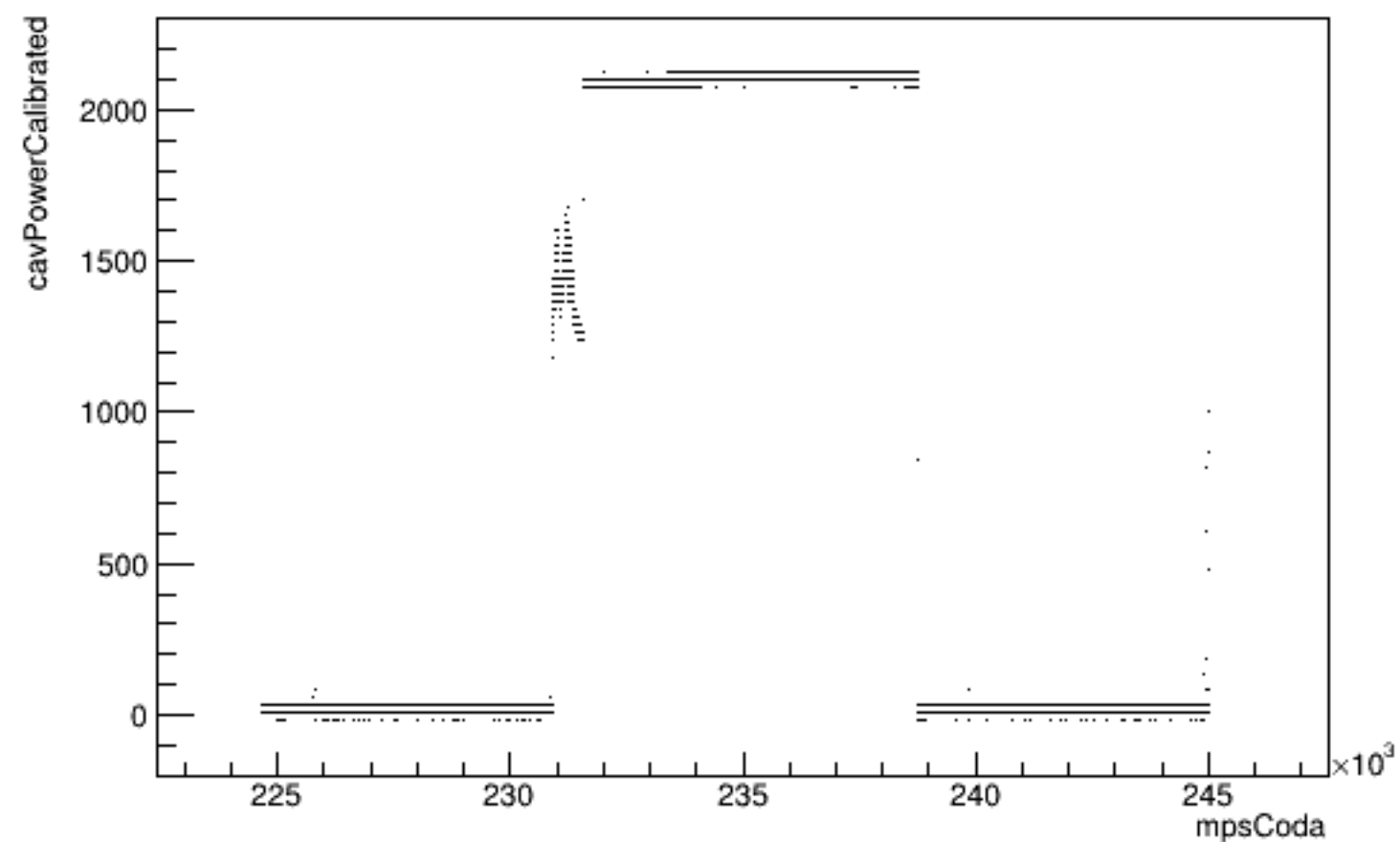
laserState:mpsCoda {mpsCoda>=224676 && mpsCoda<=245023}



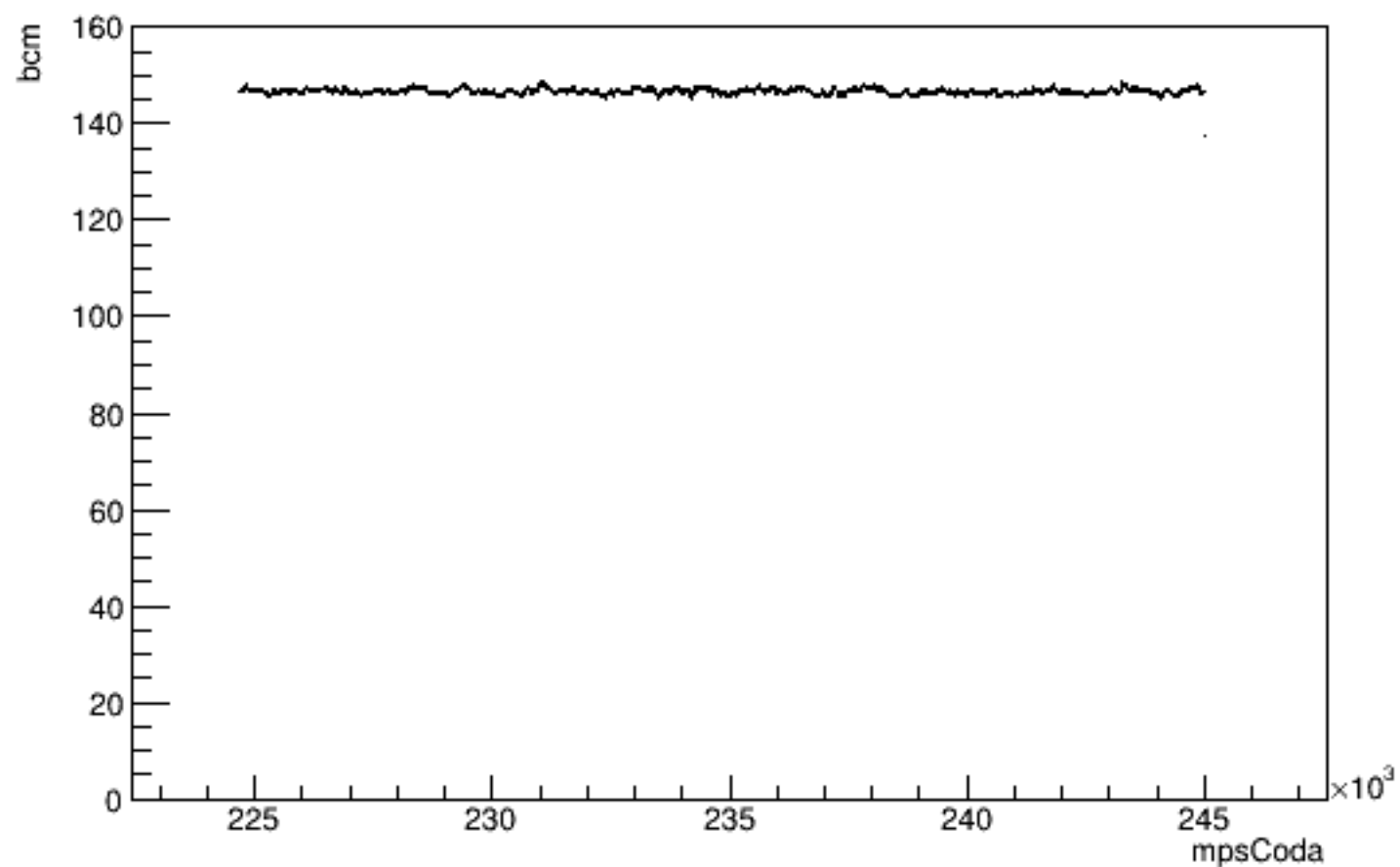
beamState + 1:mpsCoda {mpsCoda>=224676 && mpsCoda<=245023}



cavPowerCalibrated:mpsCoda {mpsCoda>=224676 && mpsCoda<=245023}



bcm:mpsCoda {mpsCoda>=224676 && mpsCoda<=245023}



Cycle 12, Diffs

Entries: 1554

Mean: 0.0086 +/- 0.0100

Std Dev: 0.3923 +/- 0.0070

Entries: 1159

Mean: -0.7750 +/- 0.0153

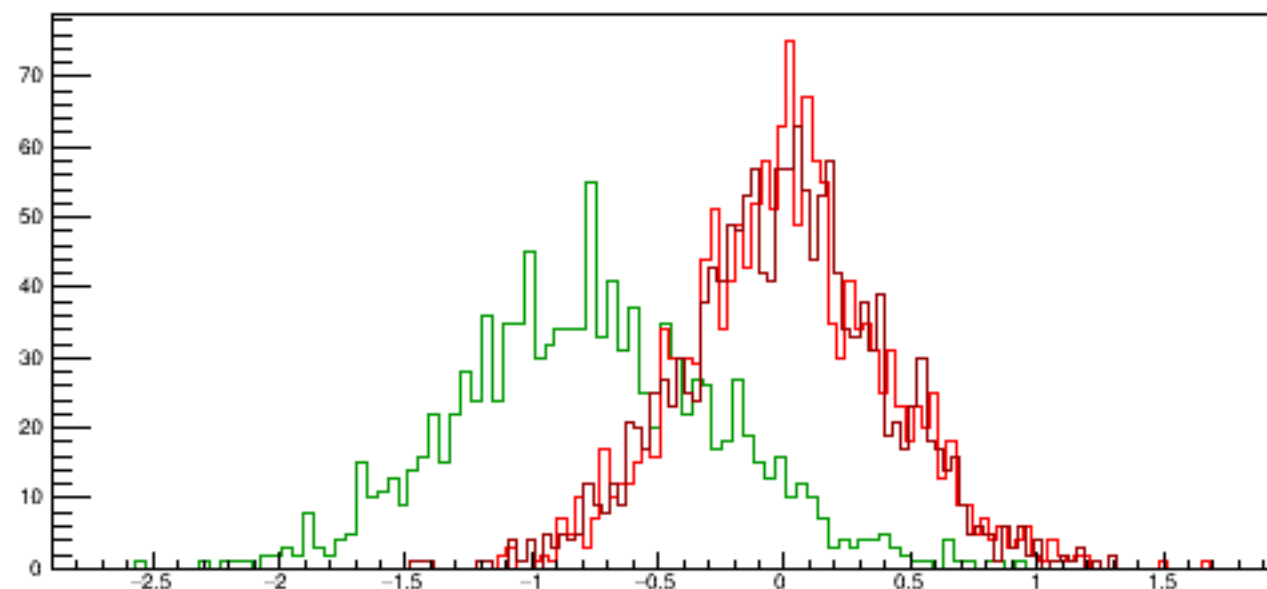
Std Dev: 0.5212 +/- 0.0108

Entries: 1545

Mean: -0.0032 +/- 0.0102

Std Dev: 0.4000 +/- 0.0072

Run 6090 quartetwise, Diffs



Cycle 12, Sums

Entries: 1554

Mean: 6.9662 +/- 0.0110

Std Dev: 0.4324 +/- 0.0078

Entries: 1159

Mean: 31.4008 +/- 0.0204

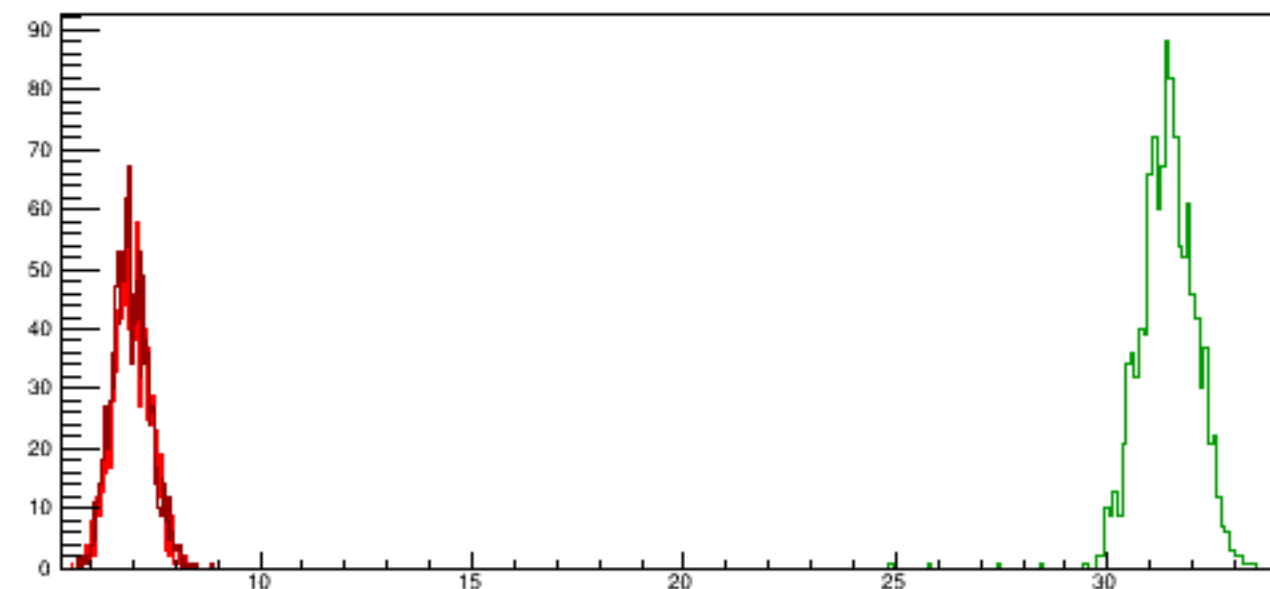
Std Dev: 0.6940 +/- 0.0144

Entries: 1545

Mean: 6.9499 +/- 0.0111

Std Dev: 0.4356 +/- 0.0078

Run 6090 quartetwise, Sums



Cycle 12, Asyms

Entries: 1554

Mean: 0.0004 +/- 0.0004

Std Dev: 0.0161 +/- 0.0003

Entries: 1159

Mean: -0.0317 +/- 0.0006

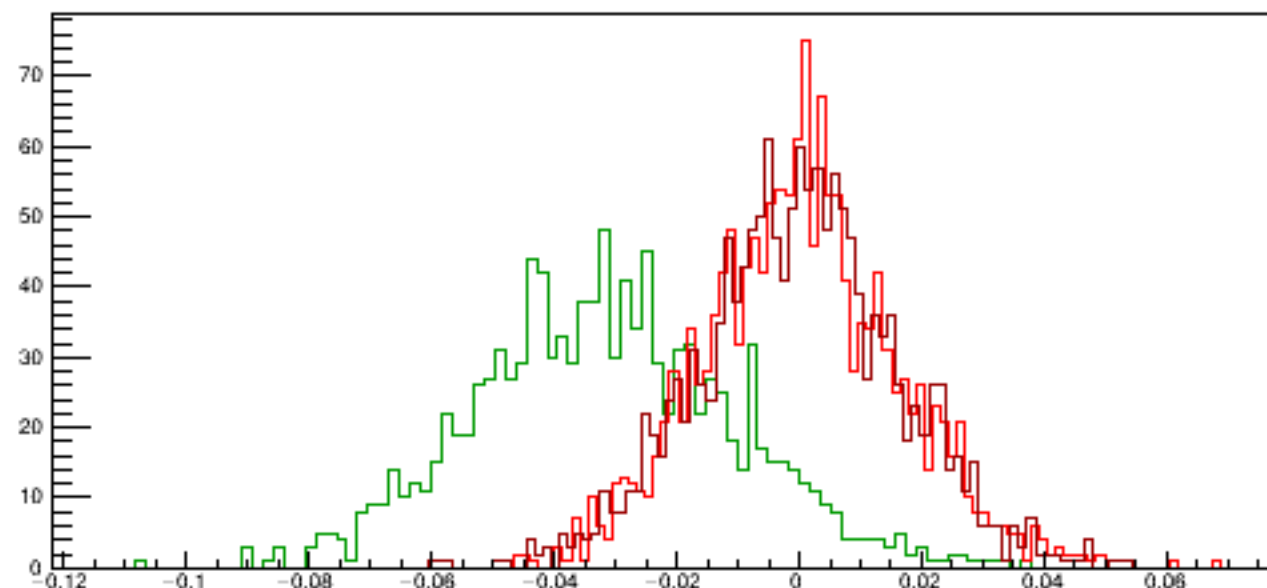
Std Dev: 0.0213 +/- 0.0004

Entries: 1545

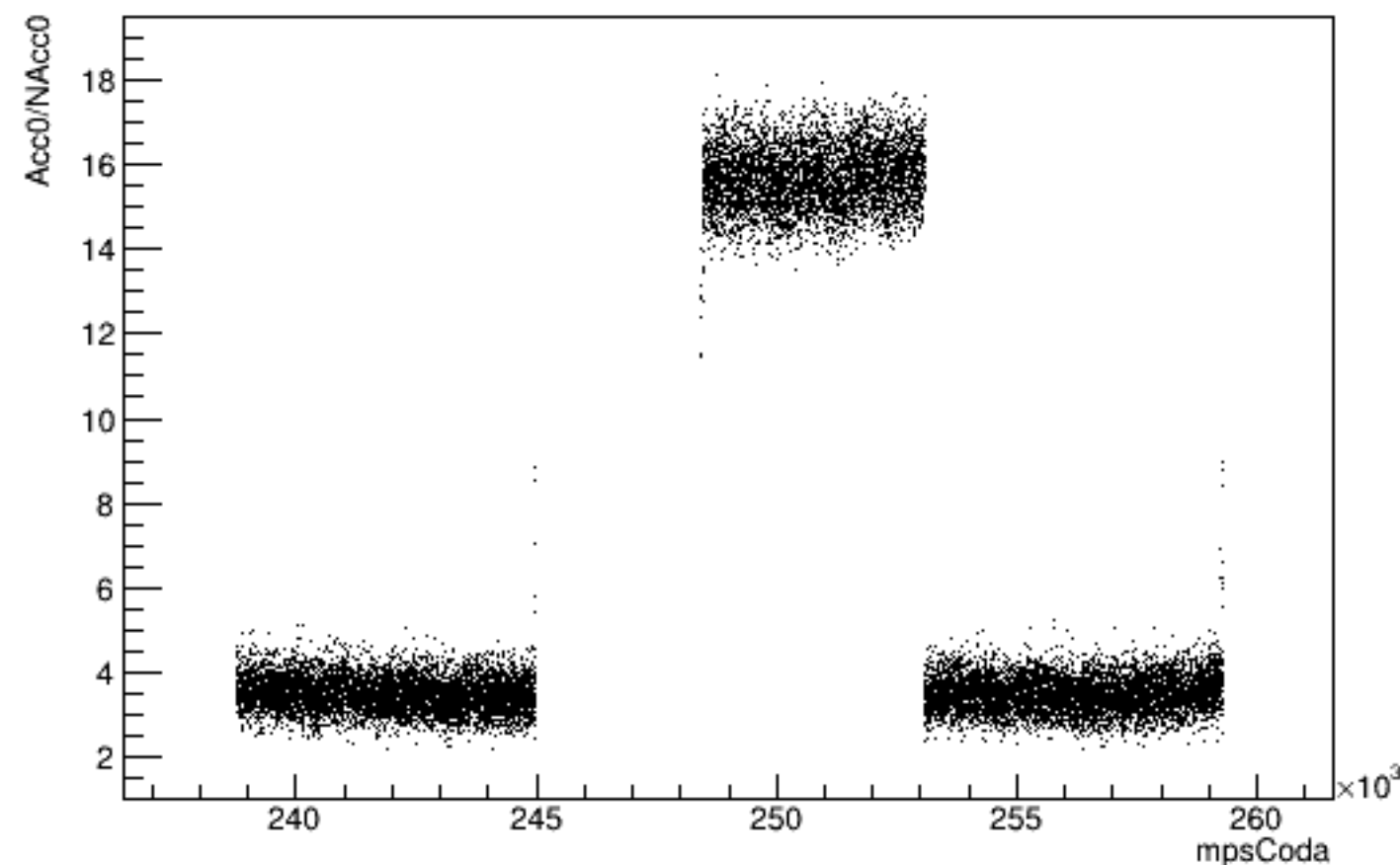
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0164 +/- 0.0003

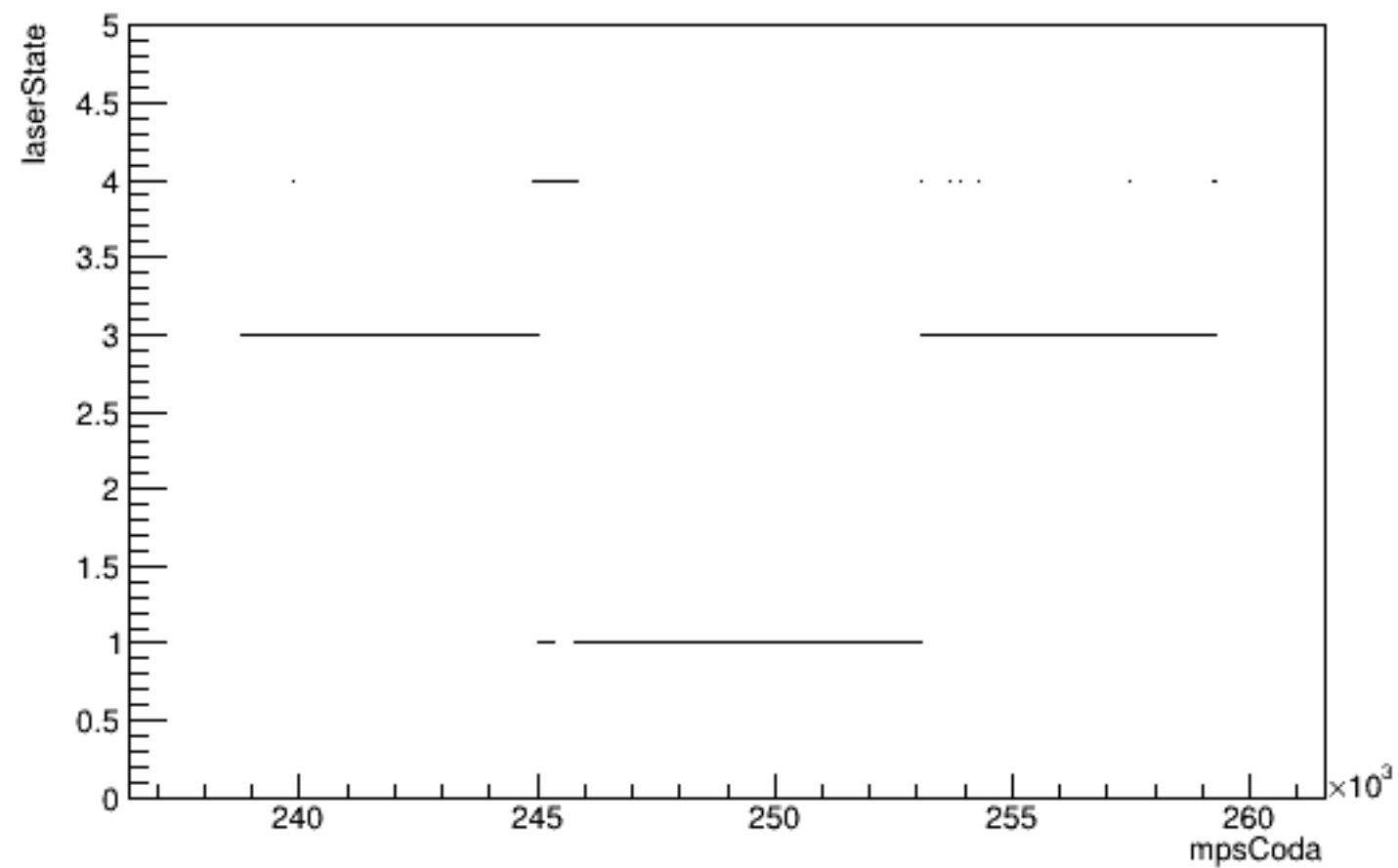
Run 6090 quartetwise, Asyms



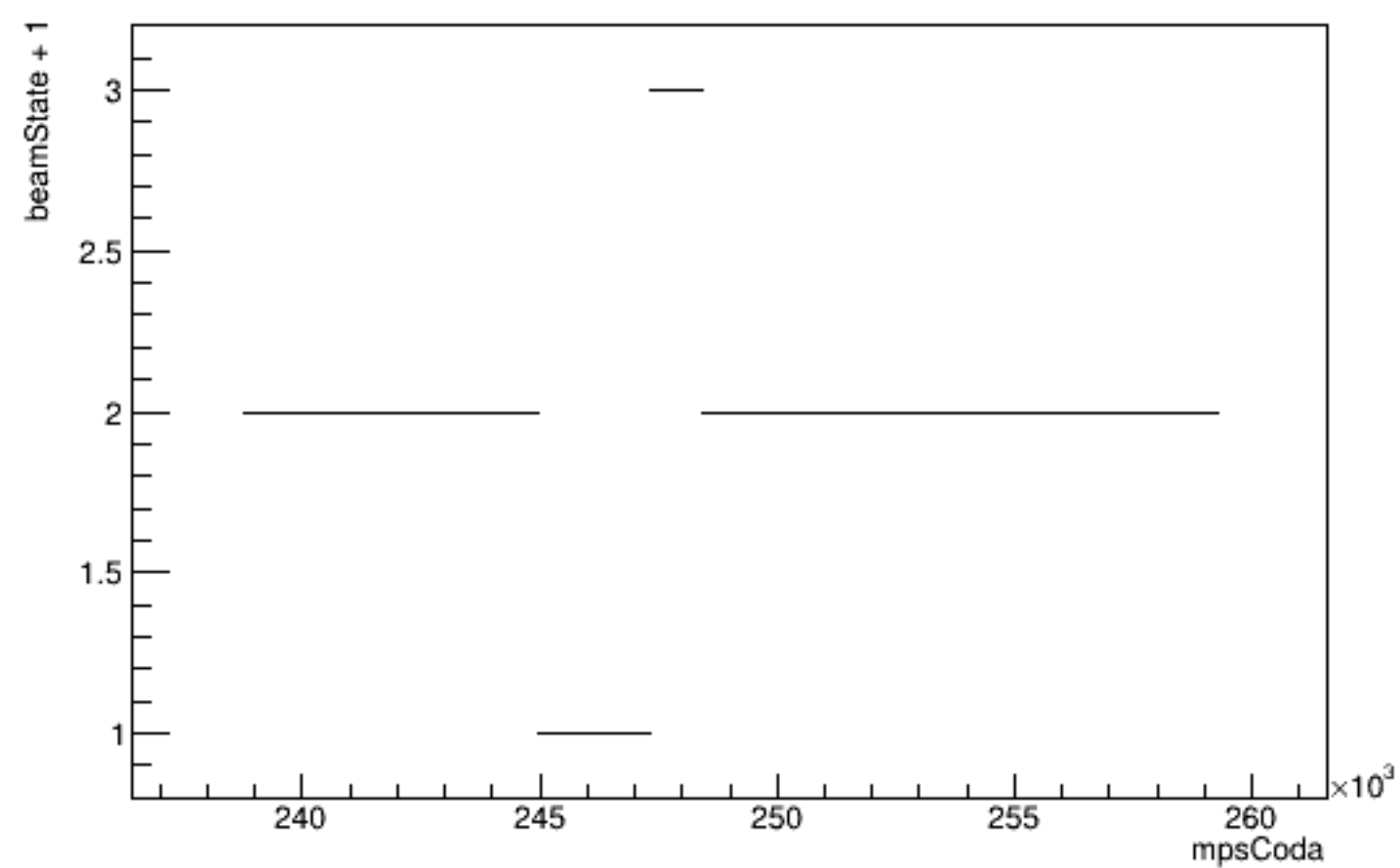
Acc0/NAcc0:mpsCoda (mpsCoda>=238756 && mpsCoda<=259303 && beamState==1)



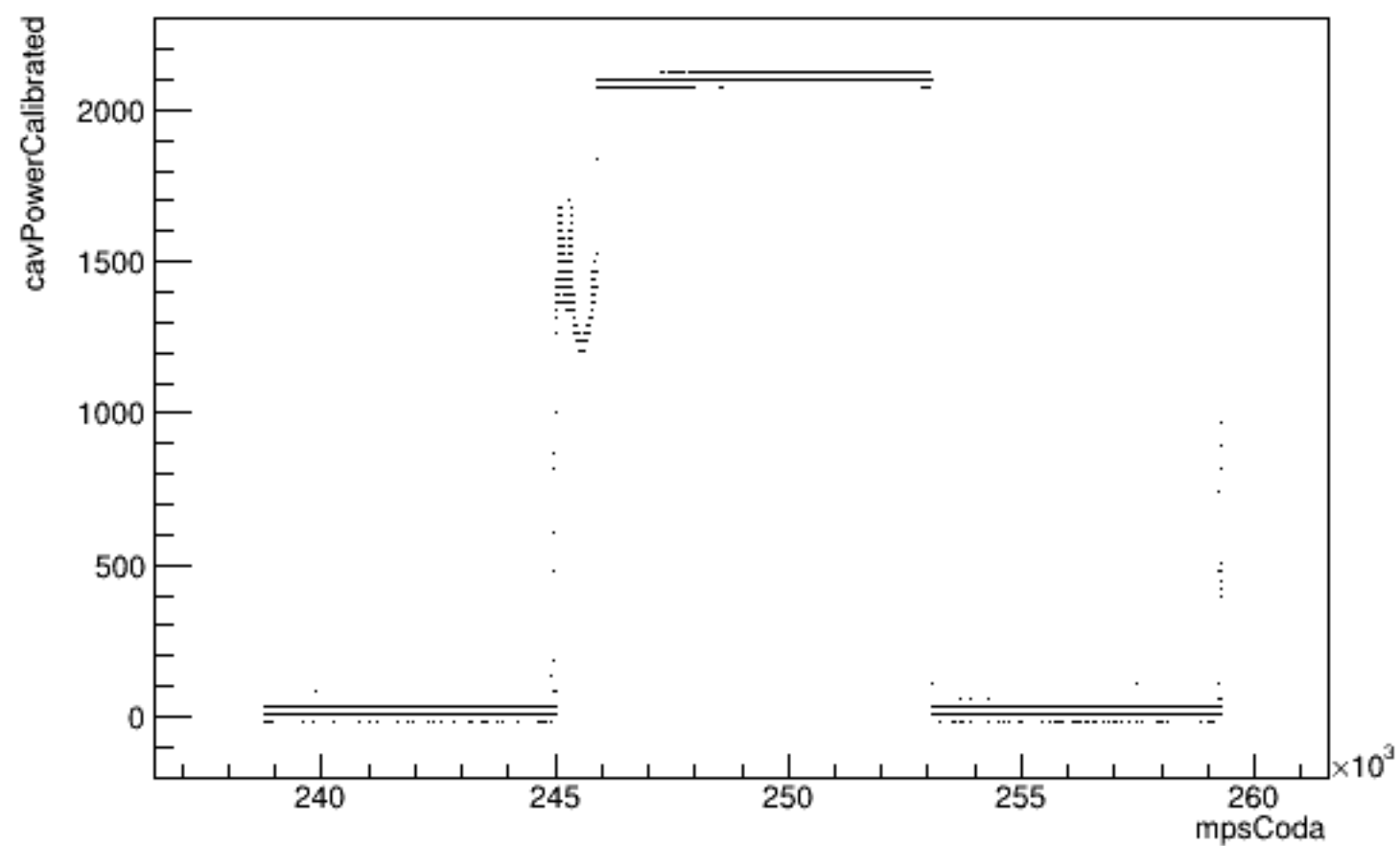
laserState:mpsCoda {mpsCoda>=238756 && mpsCoda<=259303}



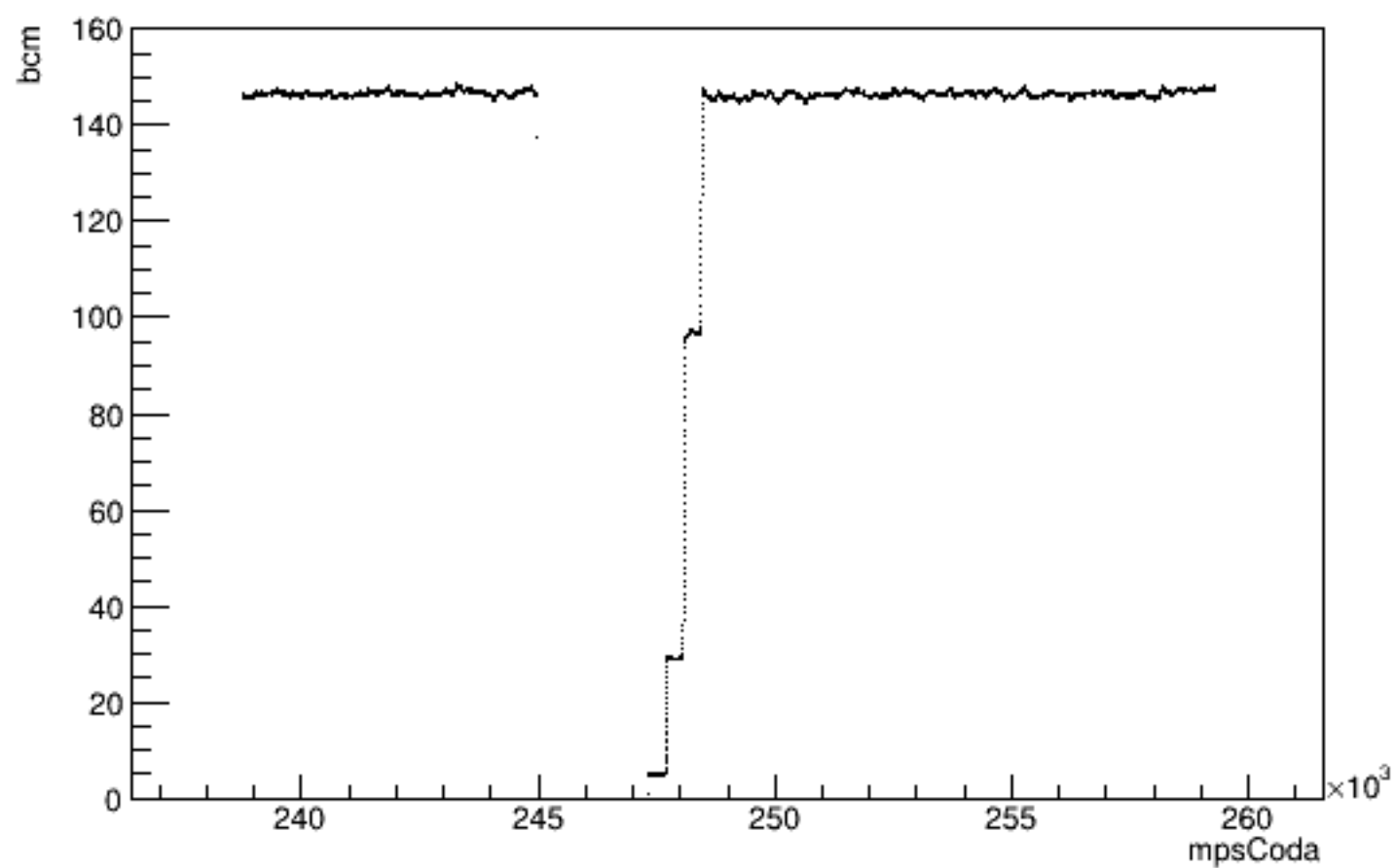
beamState + 1:mpsCoda {mpsCoda>=238756 && mpsCoda<=259303}



cavPowerCalibrated:mpsCoda {mpsCoda>=238756 && mpsCoda<=259303}



bcm:mpsCoda {mpsCoda>=238756 && mpsCoda<=259303}



Cycle 13, Diffs

Entries: 1545

Mean: -0.0032 +/- 0.0102

Std Dev: 0.4000 +/- 0.0072

Entries: 1049

Mean: -0.7923 +/- 0.0161

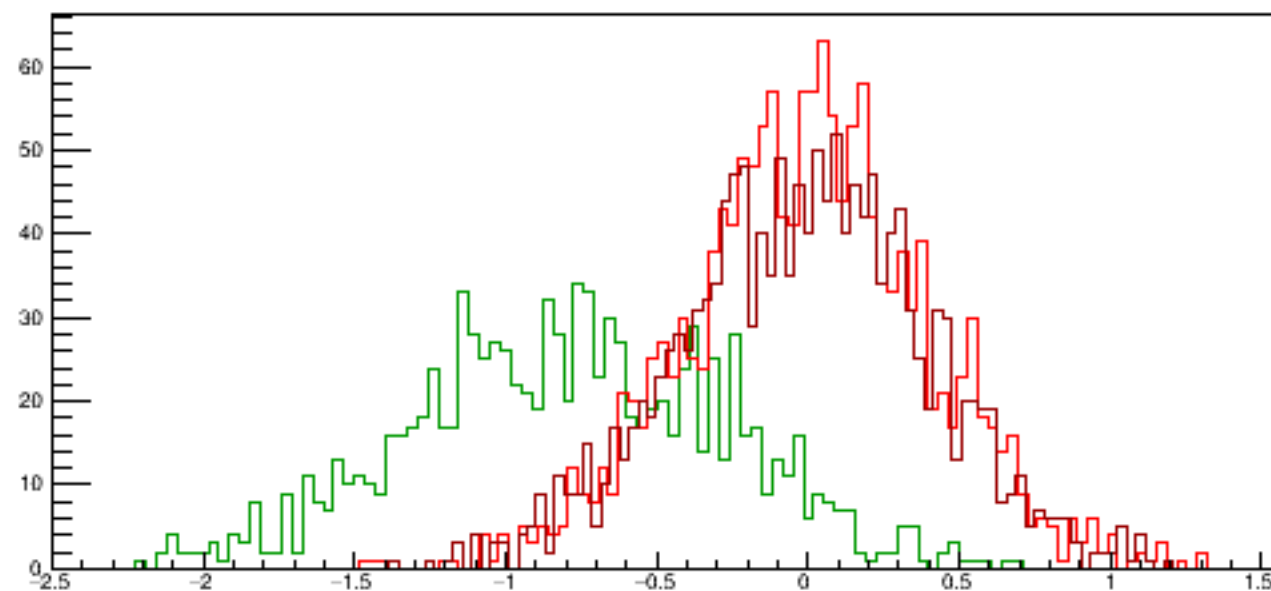
Std Dev: 0.5207 +/- 0.0114

Entries: 1537

Mean: -0.0150 +/- 0.0104

Std Dev: 0.4096 +/- 0.0074

Run 6090 quartetwise, Diffs



Cycle 13, Sums

Entries: 1545

Mean: 6.9499 +/- 0.0111

Std Dev: 0.4356 +/- 0.0078

Entries: 1049

Mean: 31.8099 +/- 0.0301

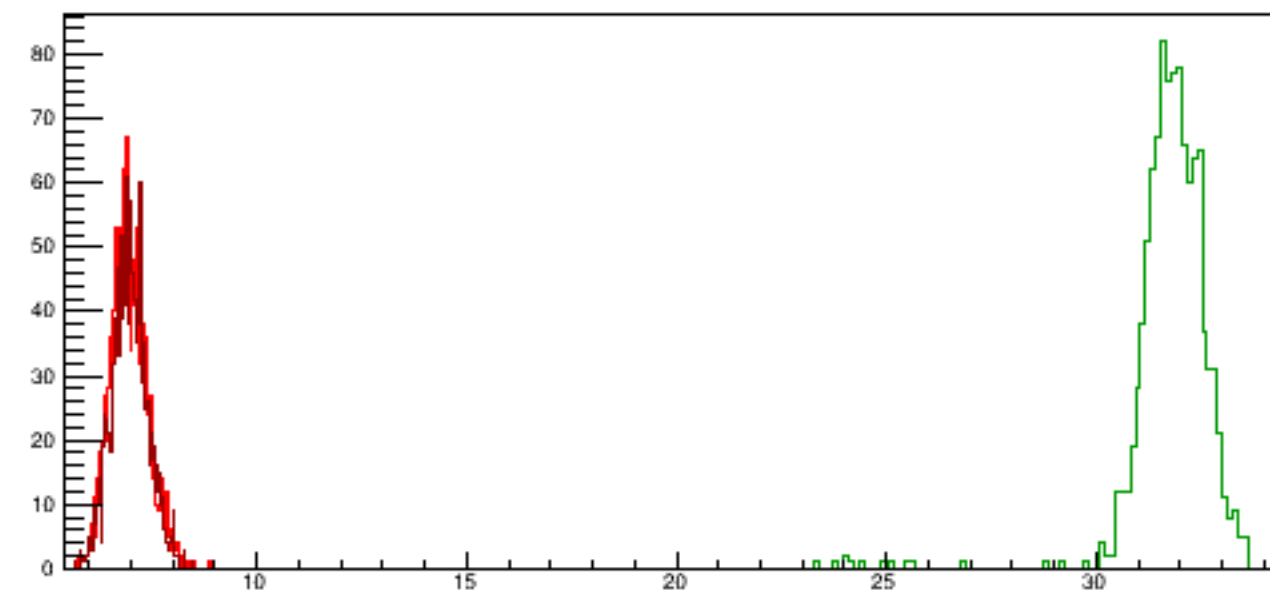
Std Dev: 0.9763 +/- 0.0213

Entries: 1537

Mean: 6.9712 +/- 0.0108

Std Dev: 0.4252 +/- 0.0077

Run 6090 quartetwise, Sums



Cycle 13, Asyms

Entries: 1545

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0161 +/- 0.0003

Entries: 1049

Mean: -0.0319 +/- 0.0006

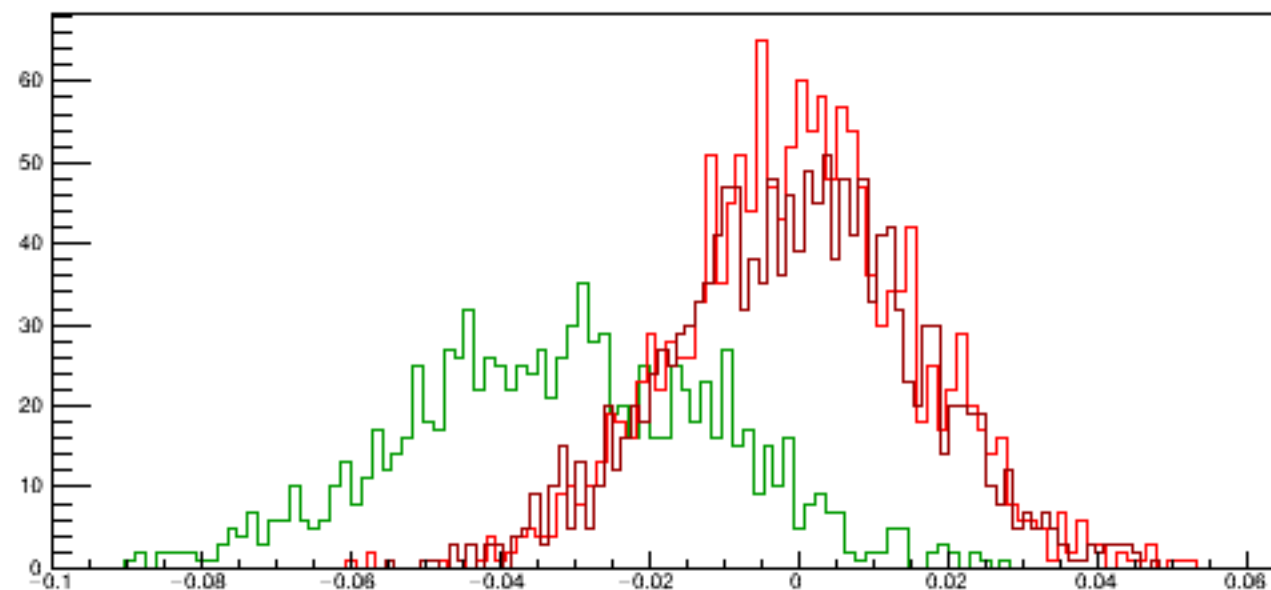
Std Dev: 0.0209 +/- 0.0005

Entries: 1537

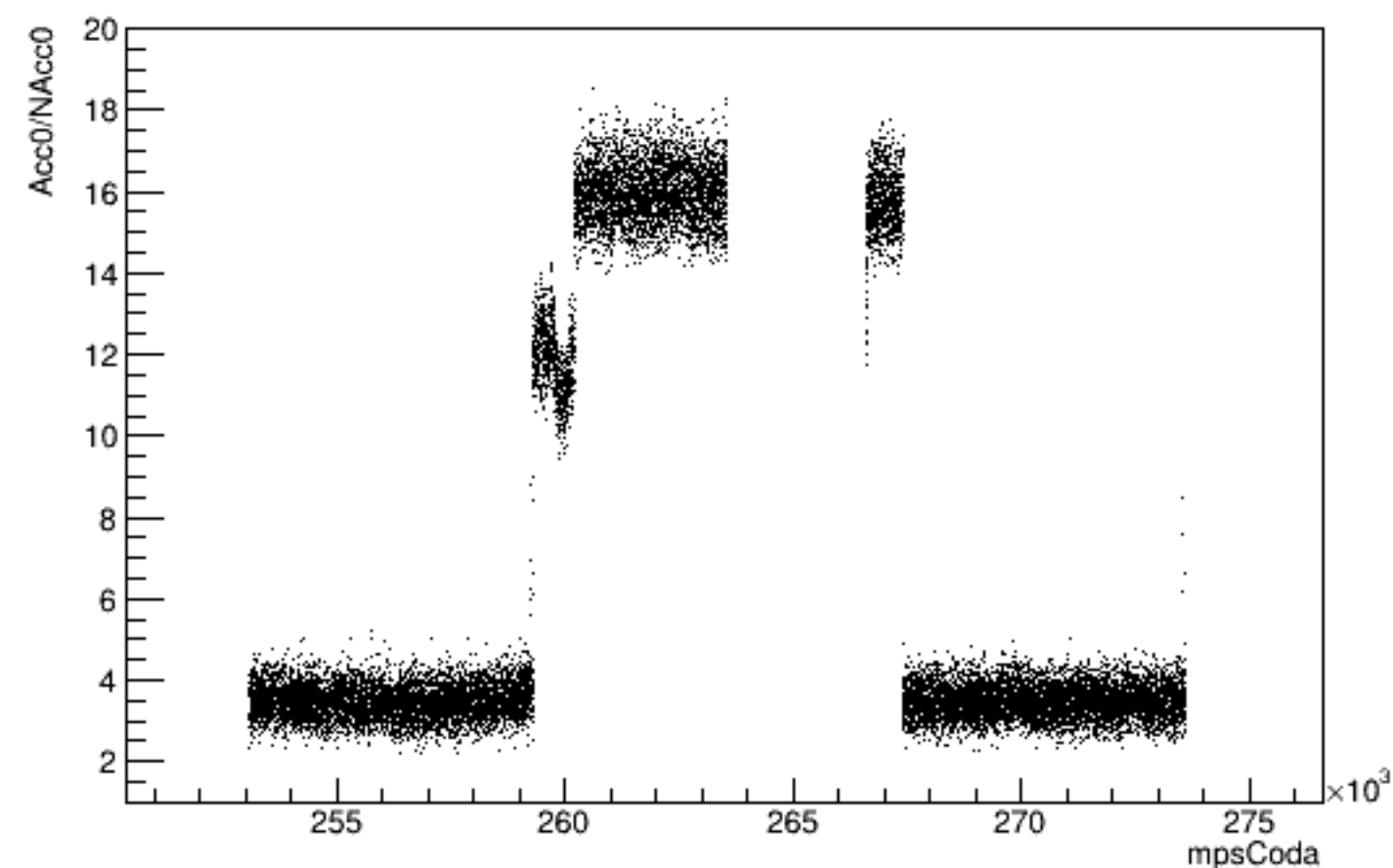
Mean: -0.0006 +/- 0.0004

Std Dev: 0.0165 +/- 0.0003

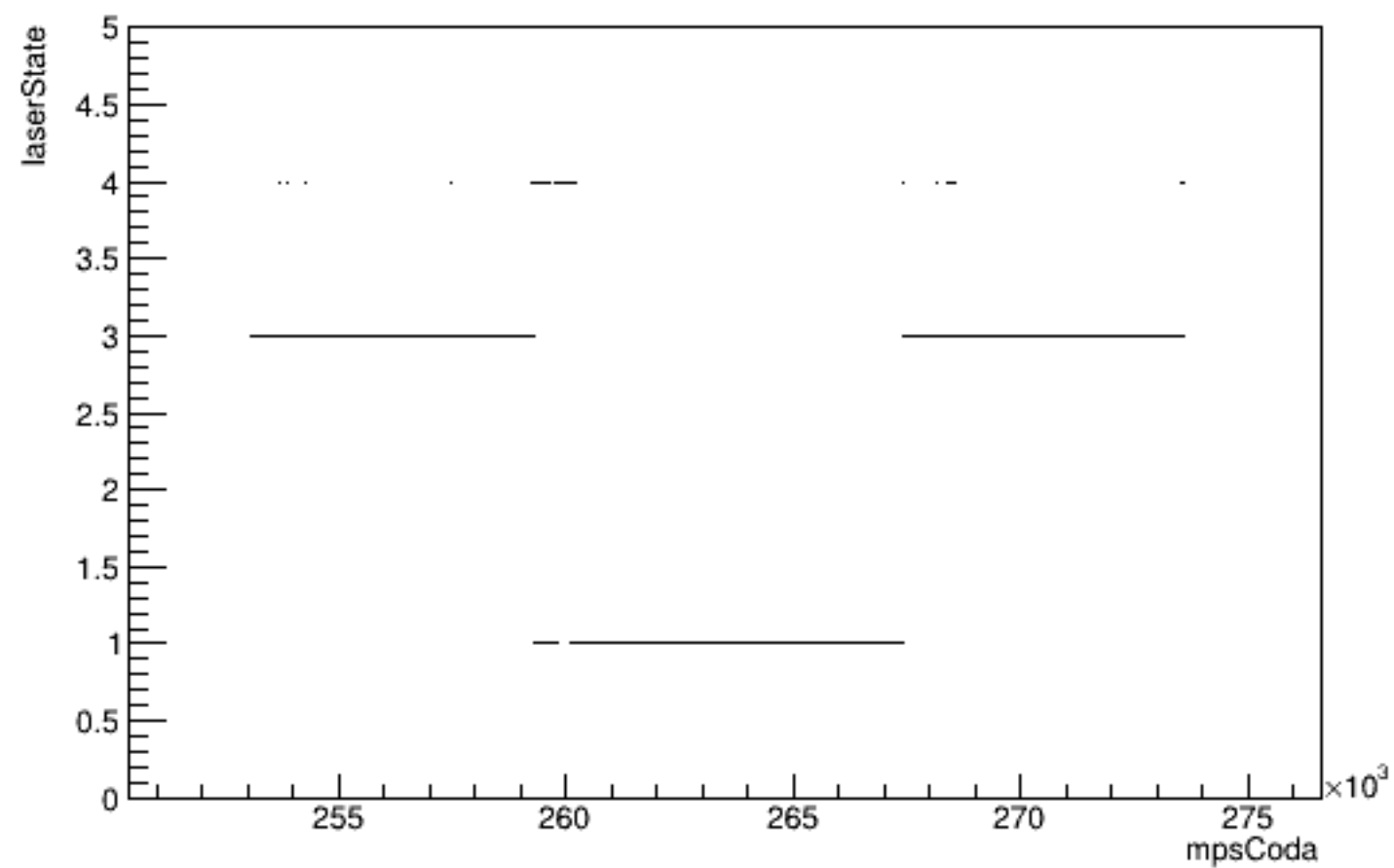
Run 6090 quartetwise, Asyms



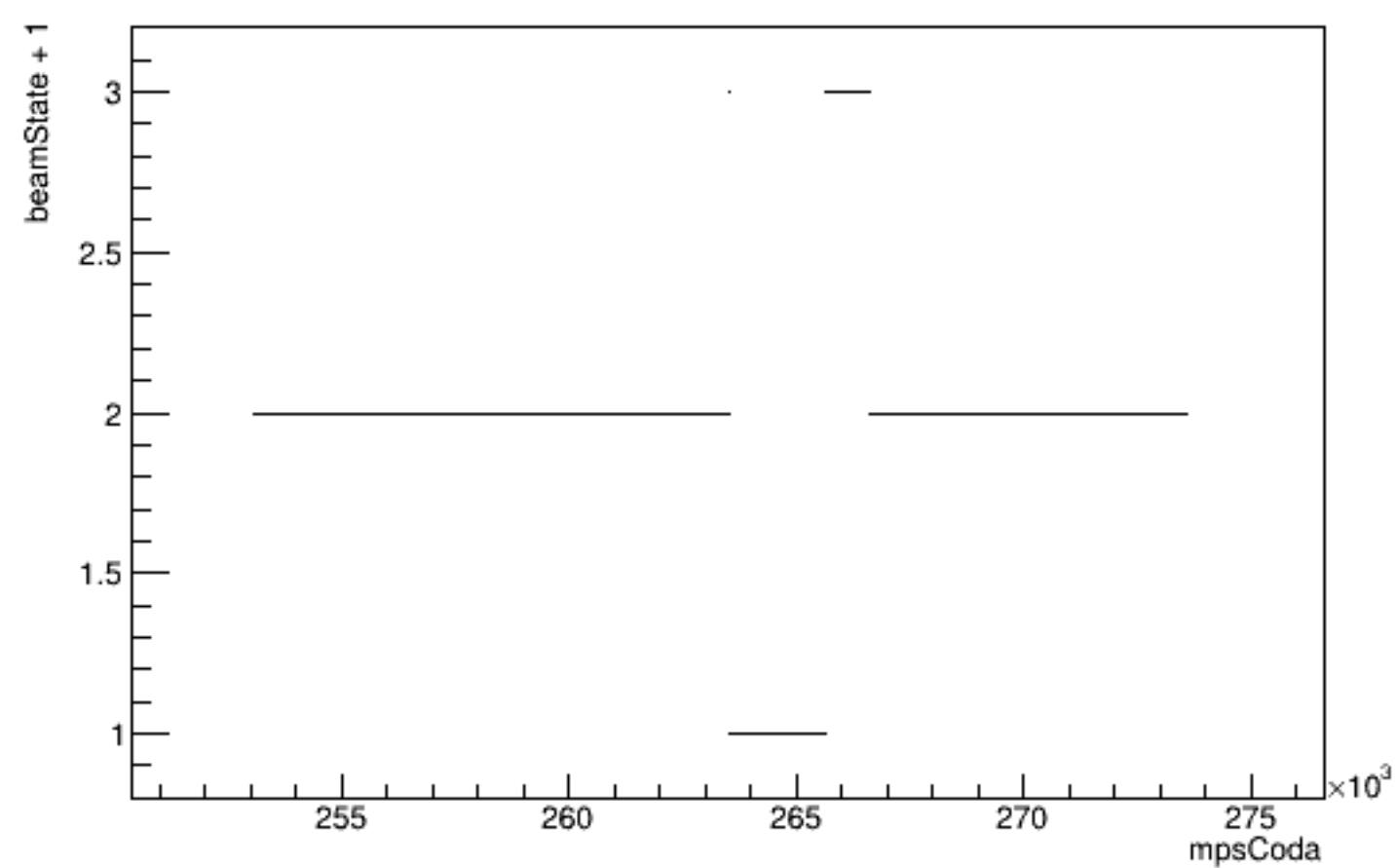
Acc0/NAcc0:mpsCoda (mpsCoda>=253084 && mpsCoda<=273587 && beamState==1)



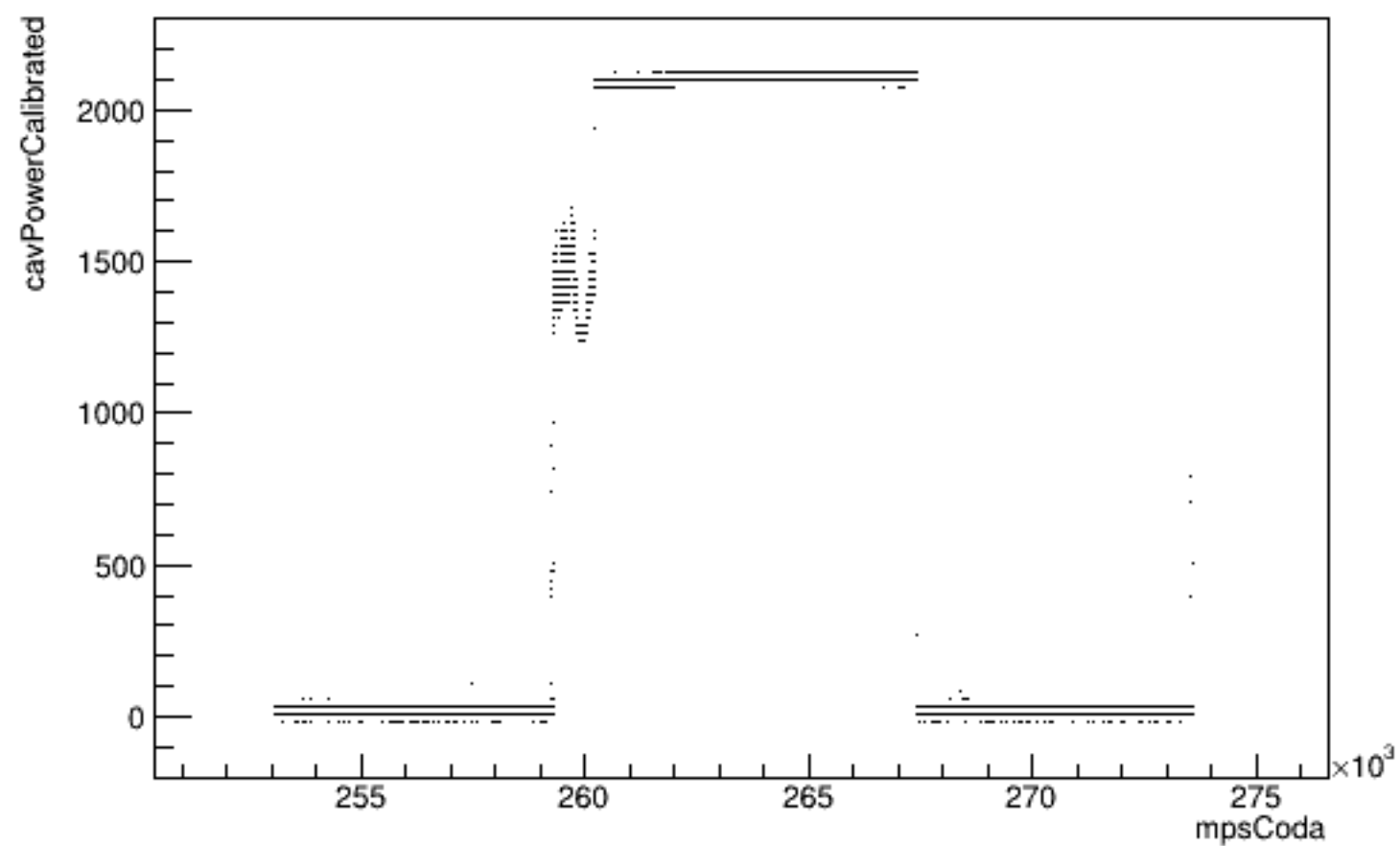
laserState:mpsCoda {mpsCoda>=253084 && mpsCoda<=273587}



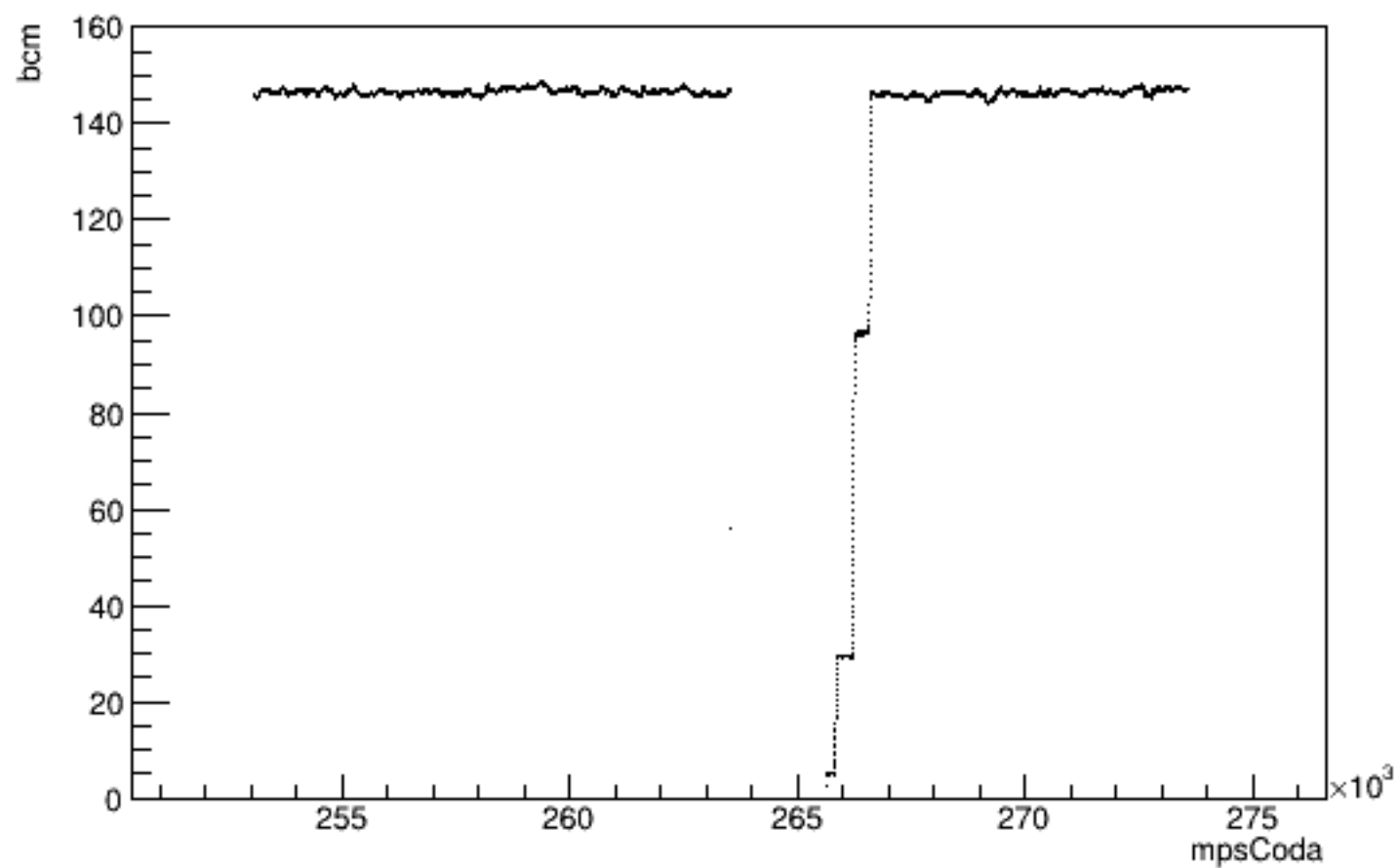
beamState + 1:mpsCoda {mpsCoda>=253084 && mpsCoda<=273587}



cavPowerCalibrated:mpsCoda {mpsCoda>=253084 && mpsCoda<=273587}



bcm:mpsCoda {mpsCoda>=253084 && mpsCoda<=273587}



Cycle 14, Diffs

Entries: 1537

Mean: -0.0150 +/- 0.0104

Std Dev: 0.4096 +/- 0.0074

Entries: 1801

Mean: -0.8109 +/- 0.0129

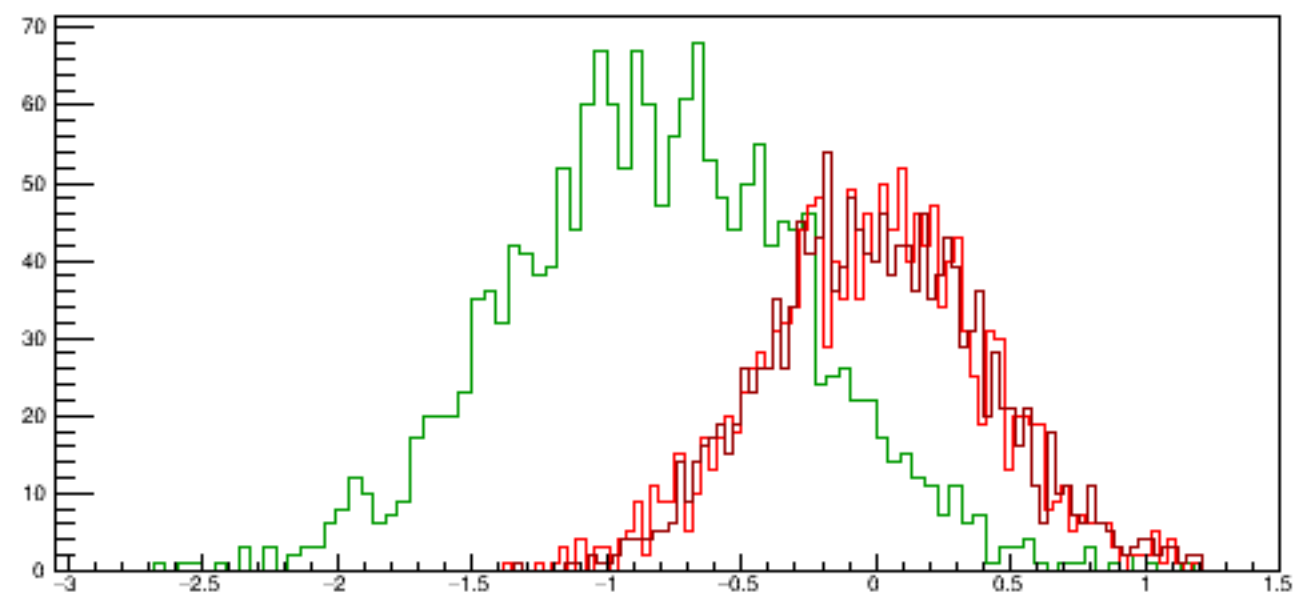
Std Dev: 0.5478 +/- 0.0091

Entries: 1539

Mean: 0.0041 +/- 0.0104

Std Dev: 0.4068 +/- 0.0073

Run 6090 quartetwise, Diffs



Cycle 14, Sums

Entries: 1537

Mean: 6.9712 +/- 0.0108

Std Dev: 0.4252 +/- 0.0077

Entries: 1801

Mean: 32.0128 +/- 0.0149

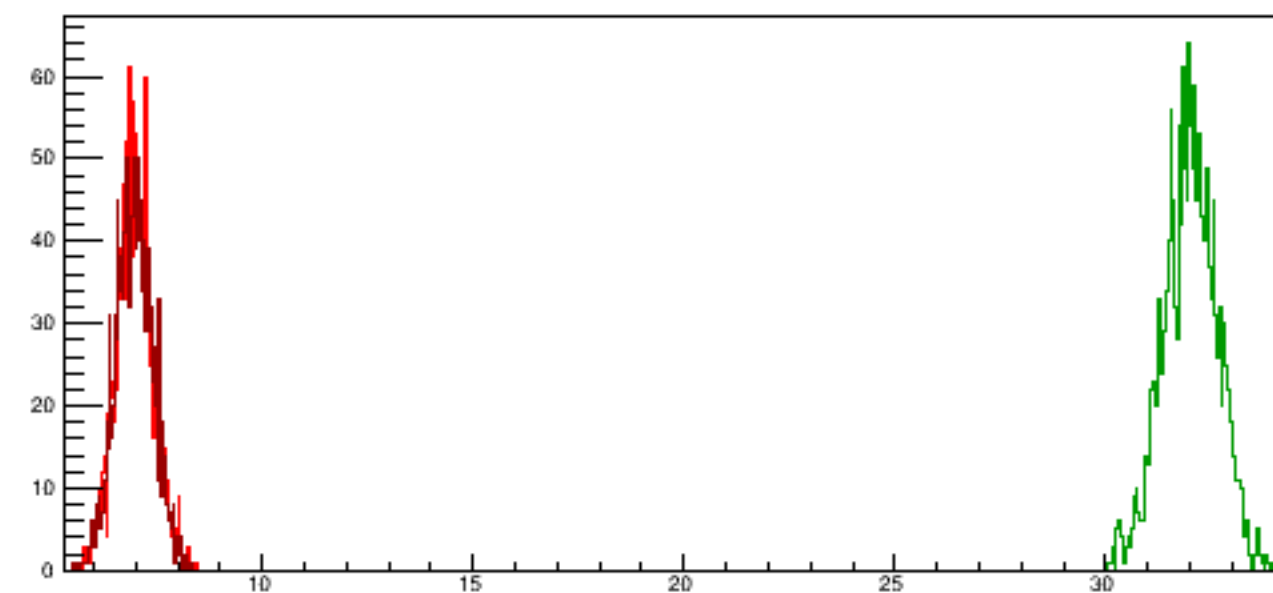
Std Dev: 0.6339 +/- 0.0106

Entries: 1539

Mean: 6.9791 +/- 0.0112

Std Dev: 0.4400 +/- 0.0079

Run 6090 quartetwise, Sums



Cycle 14, Asyms

Entries: 1537

Mean: -0.0006 +/- 0.0004

Std Dev: 0.0164 +/- 0.0003

Entries: 1801

Mean: -0.0324 +/- 0.0005

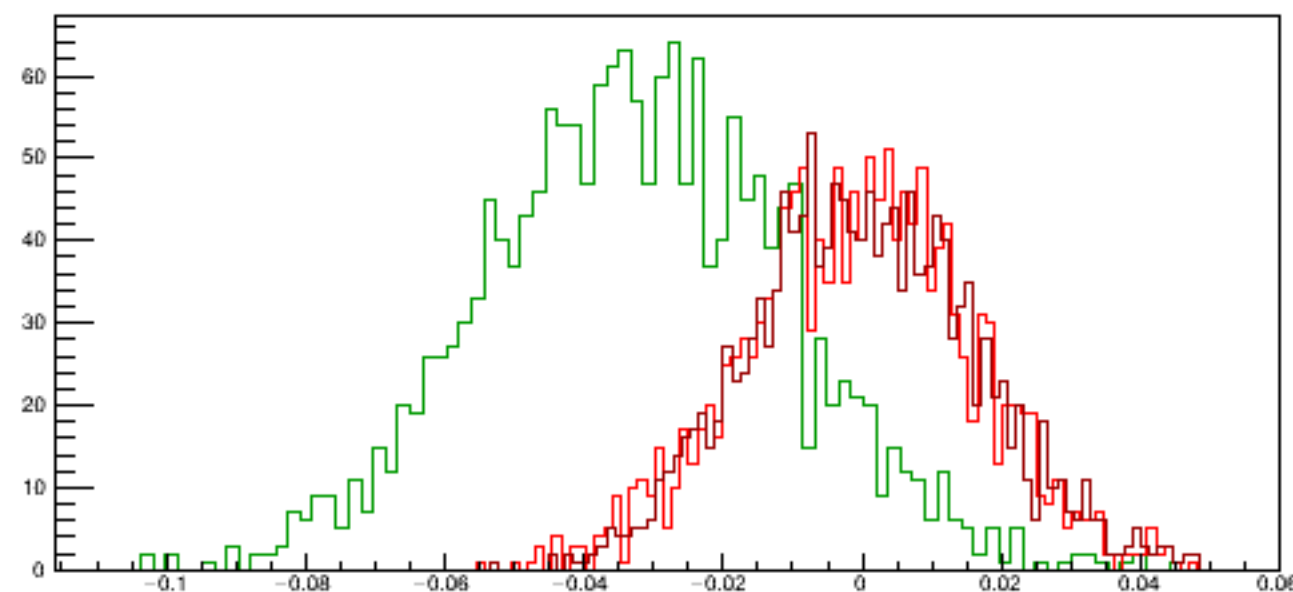
Std Dev: 0.0218 +/- 0.0004

Entries: 1539

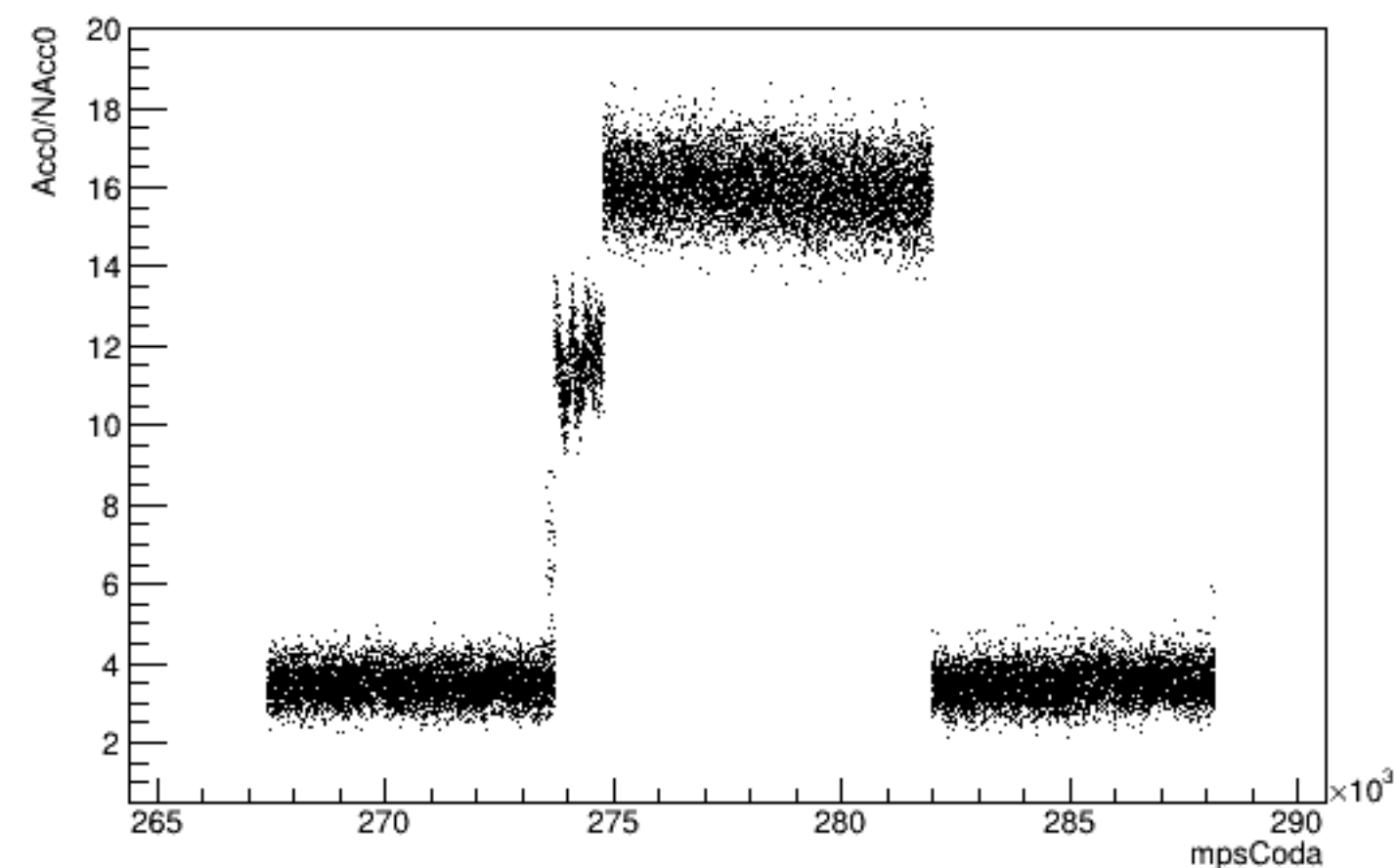
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0162 +/- 0.0003

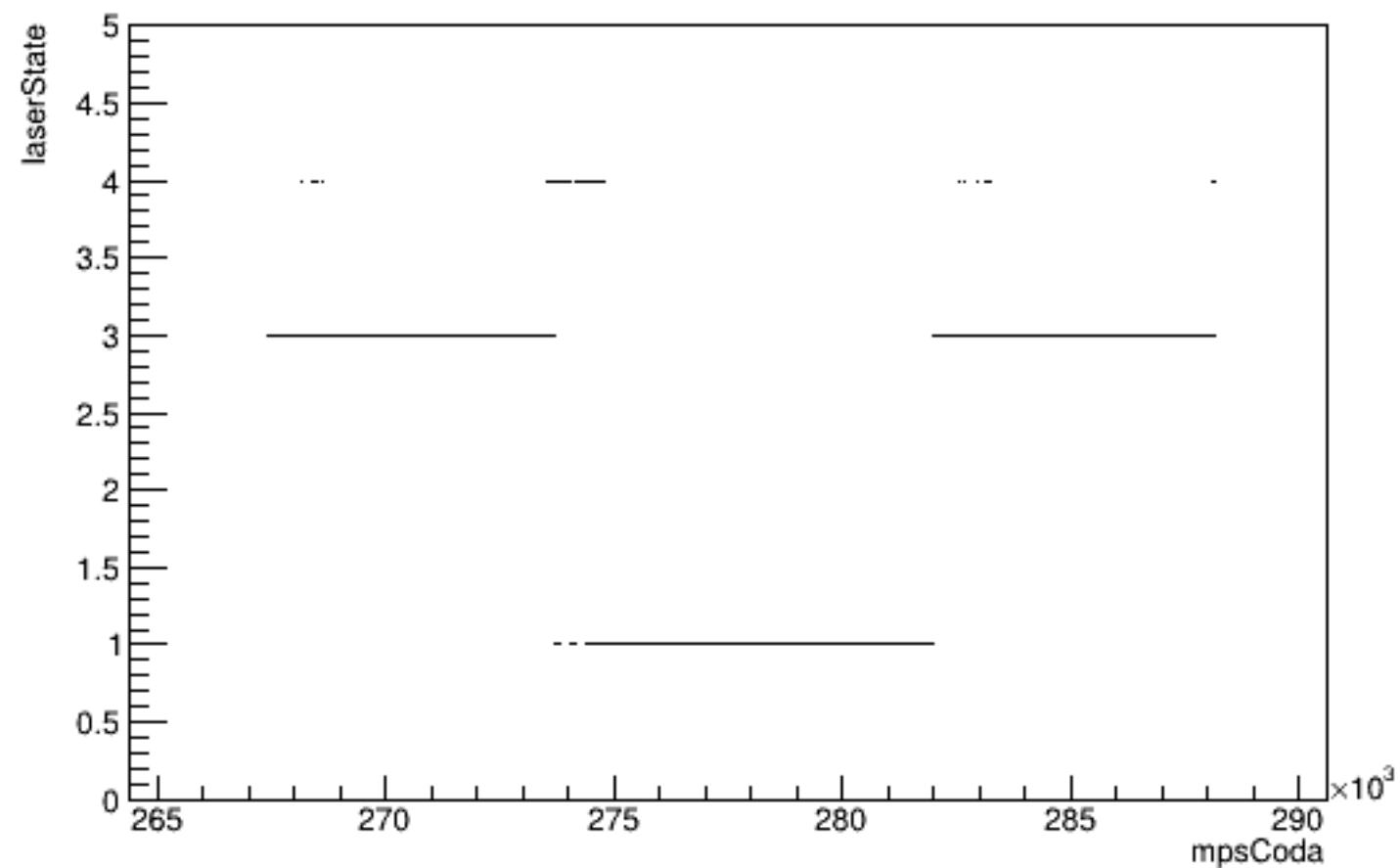
Run 6090 quartetwise, Asyms



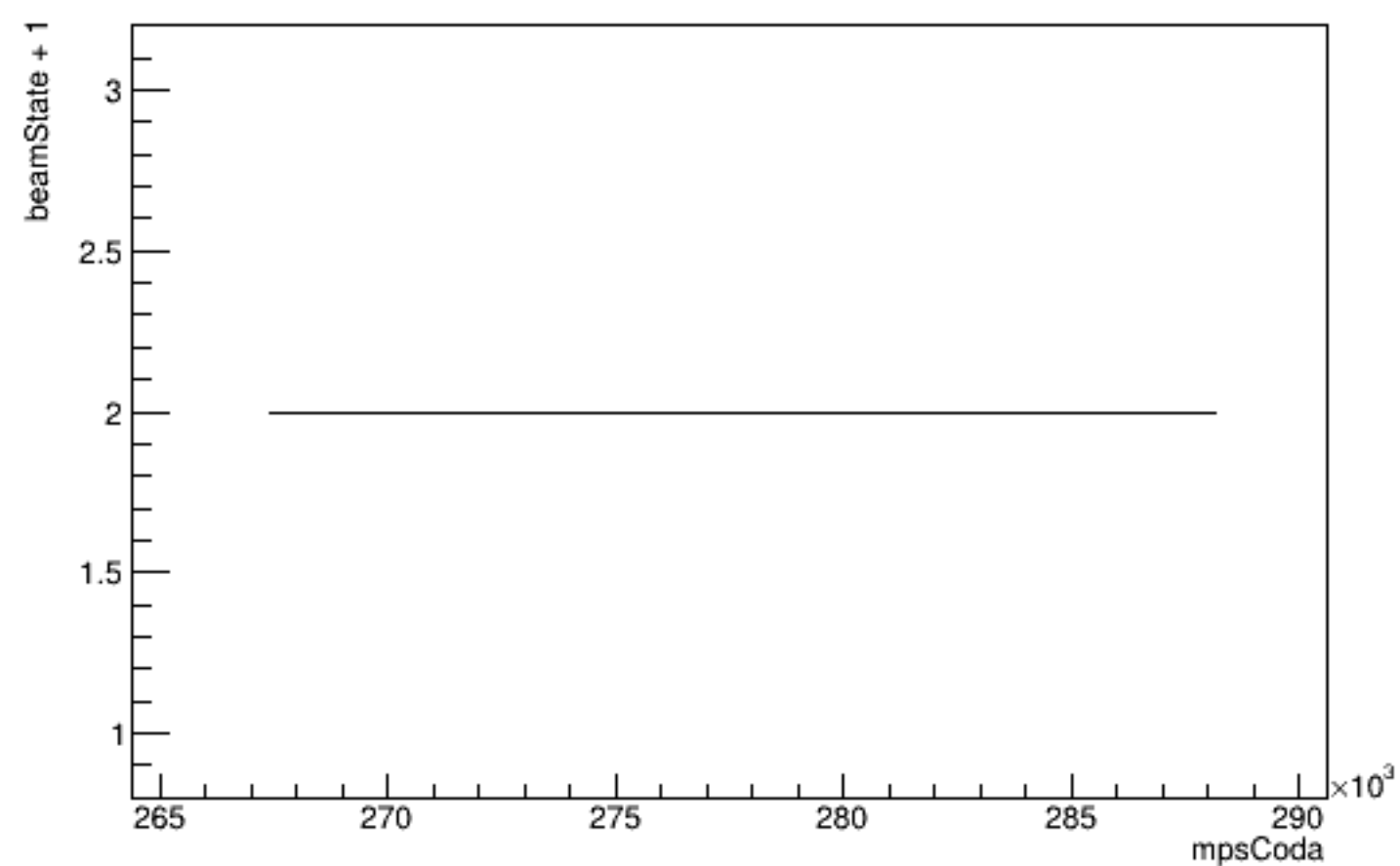
Acc0/NAcc0:mpsCoda (mpsCoda>=267408 && mpsCoda<=288179 && beamState==1)



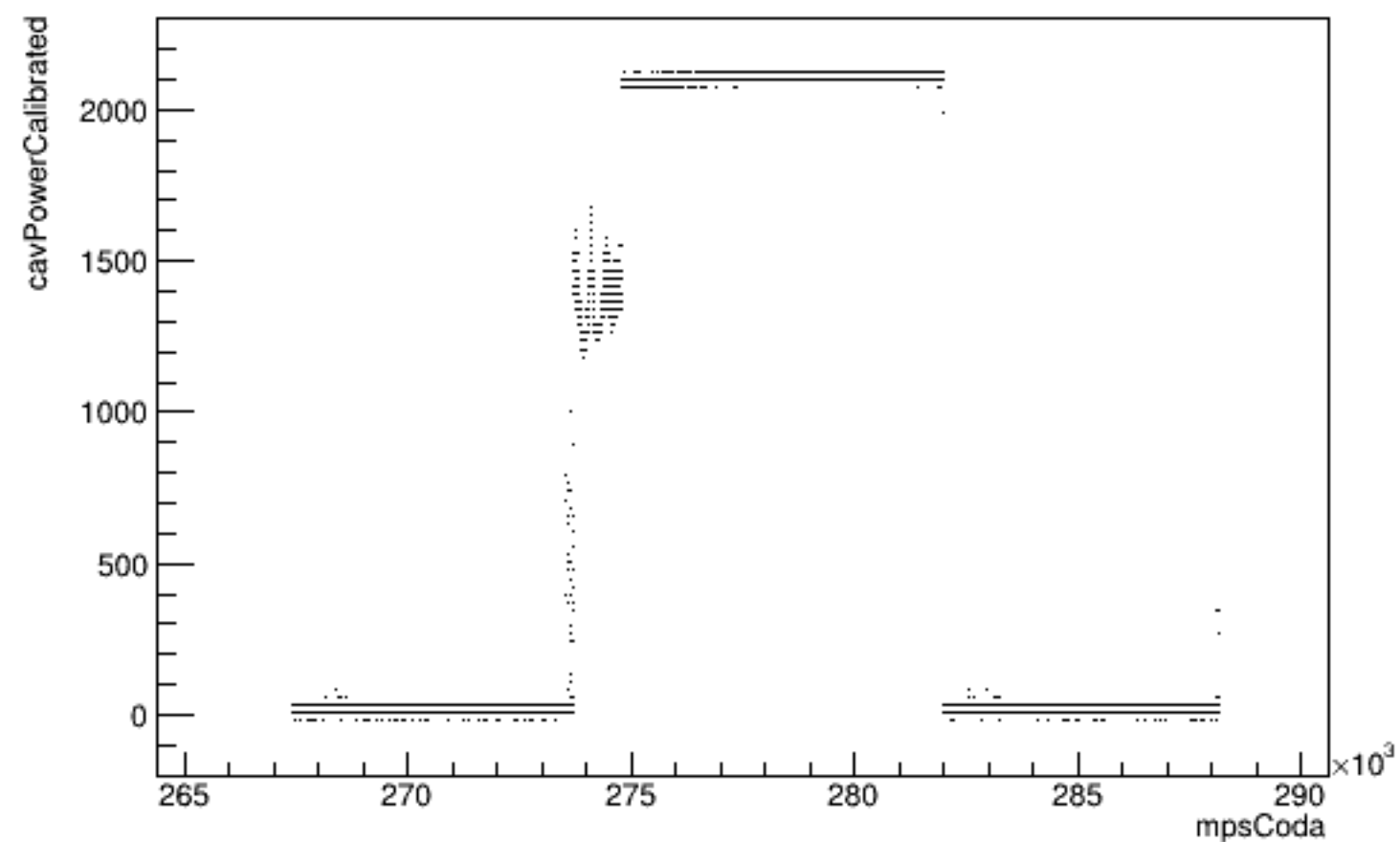
laserState:mpsCoda {mpsCoda>=267408 && mpsCoda<=288179}



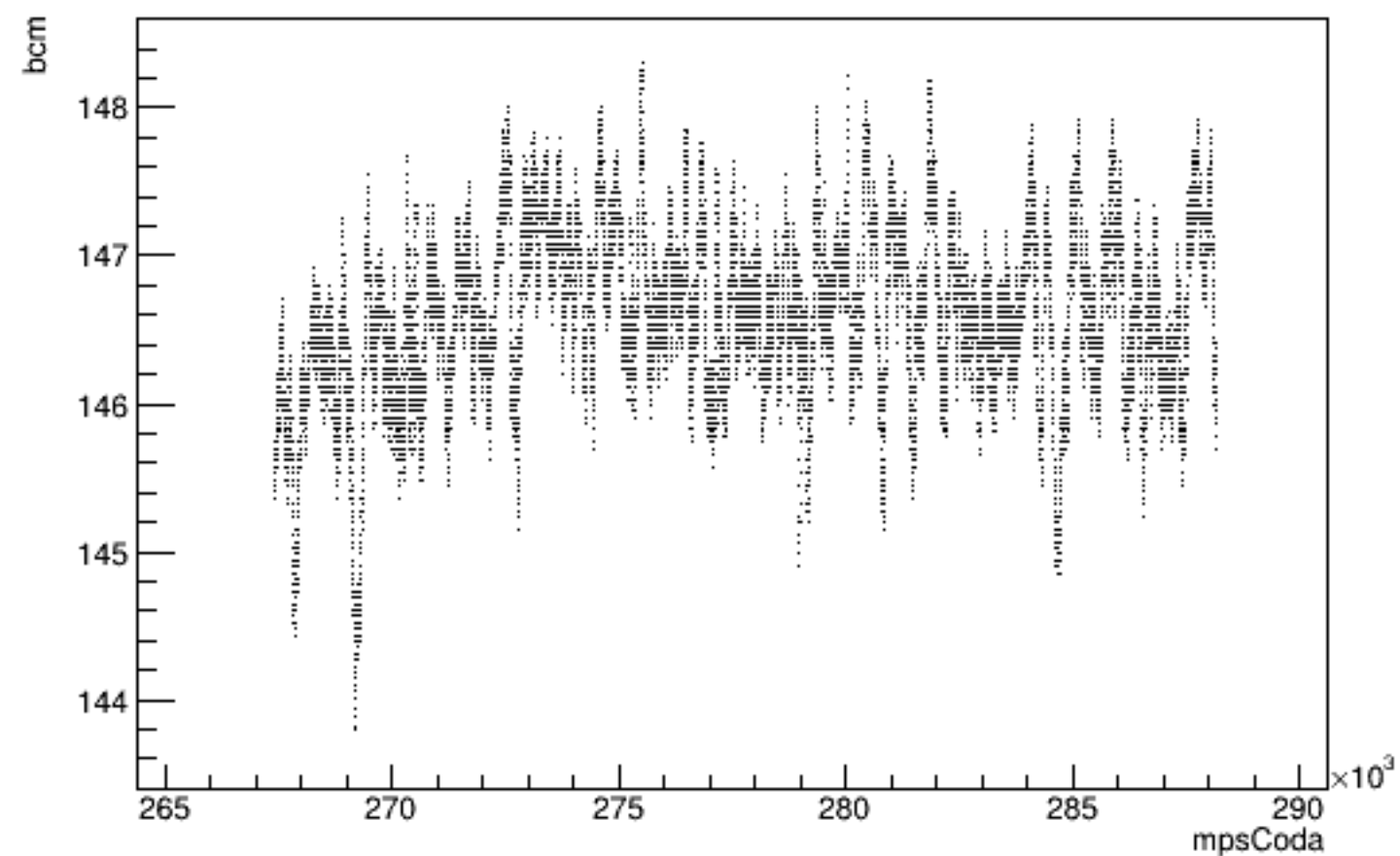
beamState + 1:mpsCoda {mpsCoda>=267408 && mpsCoda<=288179}



cavPowerCalibrated:mpsCoda {mpsCoda>=267408 && mpsCoda<=288179}



bcm:mpsCoda {mpsCoda>=267408 && mpsCoda<=288179}



Cycle 15, Diffs

Entries: 1534

Mean: -0.0052 +/- 0.0103

Std Dev: 0.4033 +/- 0.0073

Entries: 1801

Mean: -0.7849 +/- 0.0124

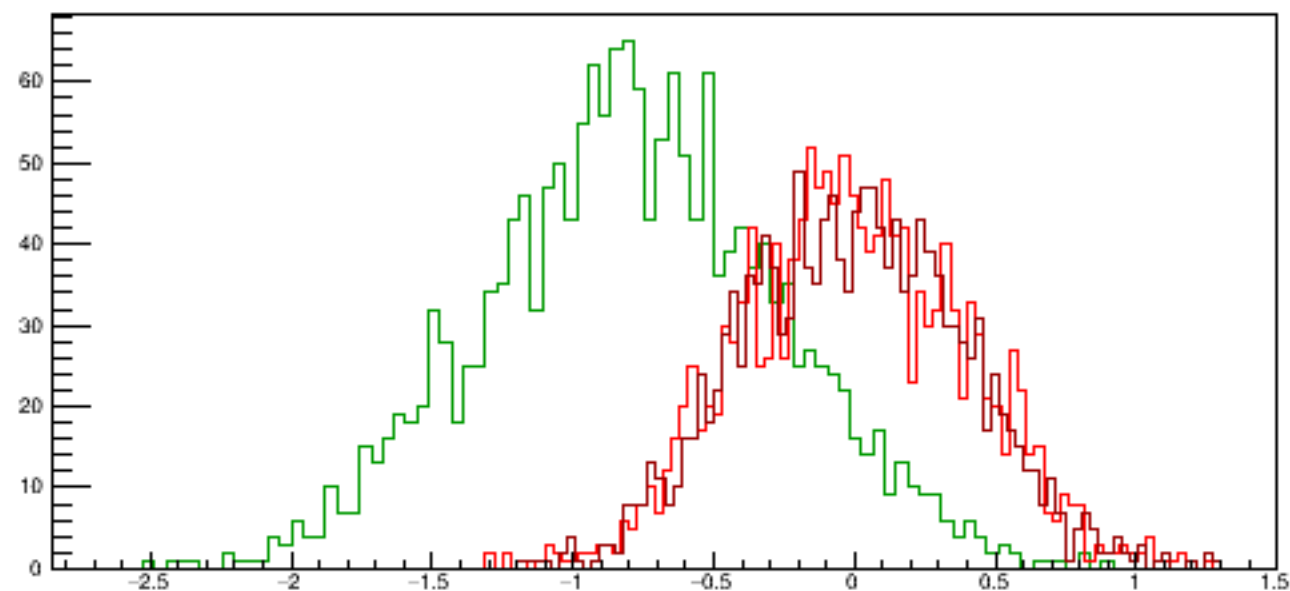
Std Dev: 0.5252 +/- 0.0088

Entries: 1535

Mean: -0.0082 +/- 0.0101

Std Dev: 0.3942 +/- 0.0071

Run 6090 quartetwise, Diffs



Cycle 15, Sums

Entries: 1534

Mean: 6.8798 +/- 0.0112

Std Dev: 0.4392 +/- 0.0079

Entries: 1801

Mean: 31.7395 +/- 0.0154

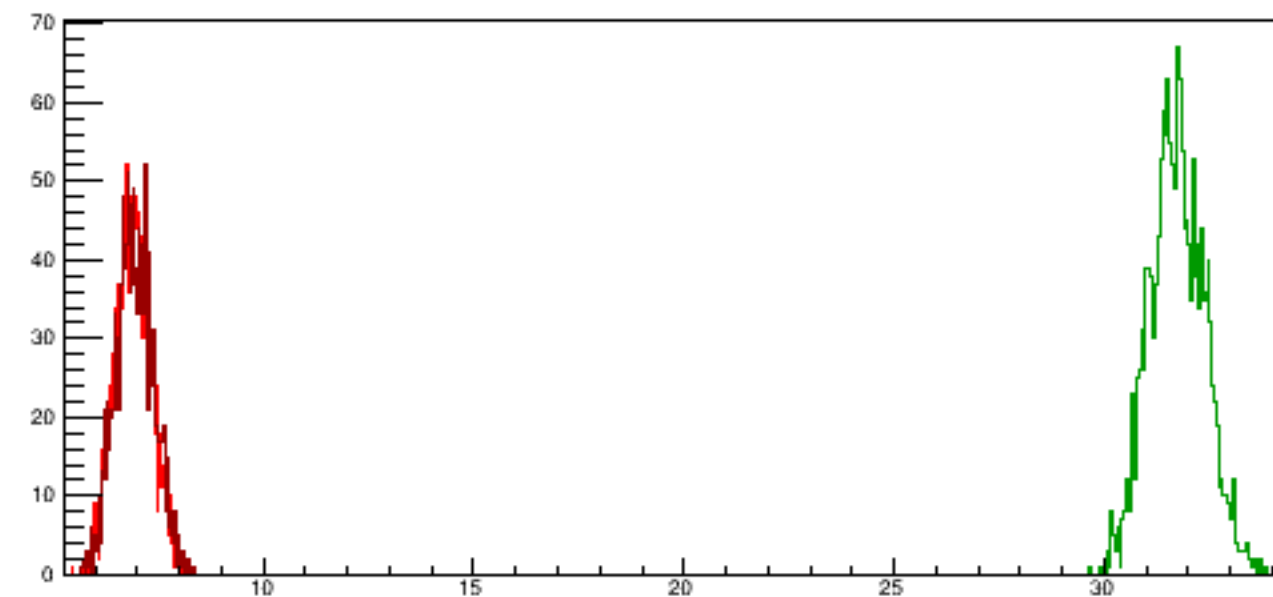
Std Dev: 0.6519 +/- 0.0109

Entries: 1535

Mean: 6.9327 +/- 0.0114

Std Dev: 0.4472 +/- 0.0081

Run 6090 quartetwise, Sums



Cycle 15, Asyms

Entries: 1534

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0162 +/- 0.0003

Entries: 1801

Mean: -0.0316 +/- 0.0005

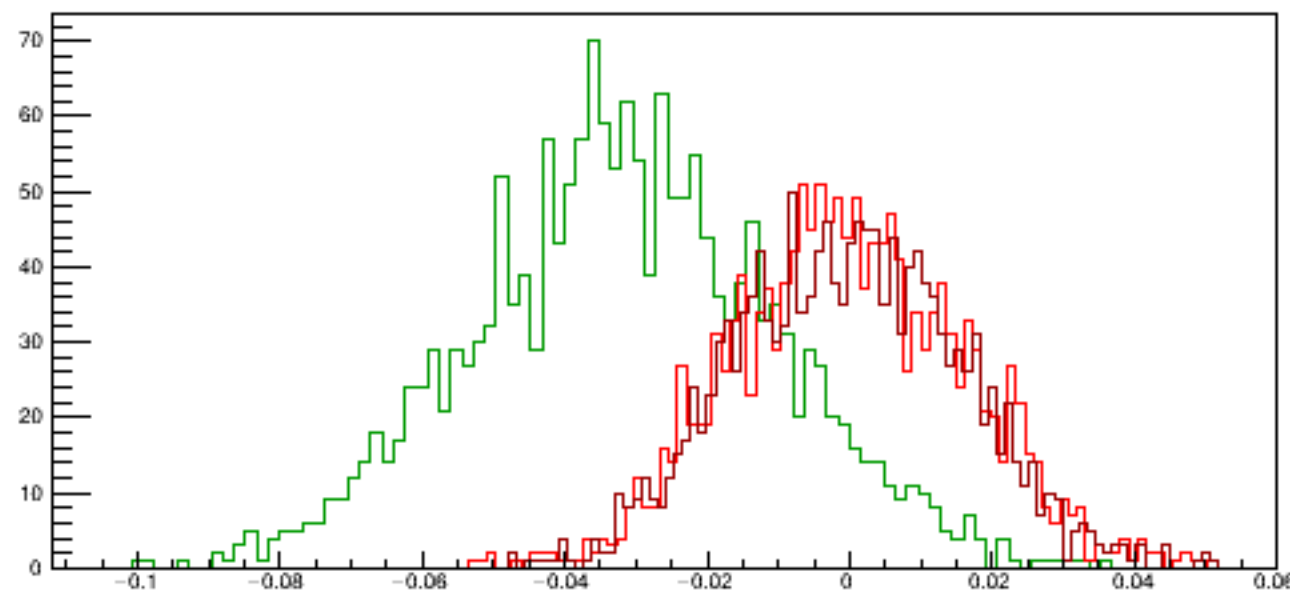
Std Dev: 0.0212 +/- 0.0004

Entries: 1535

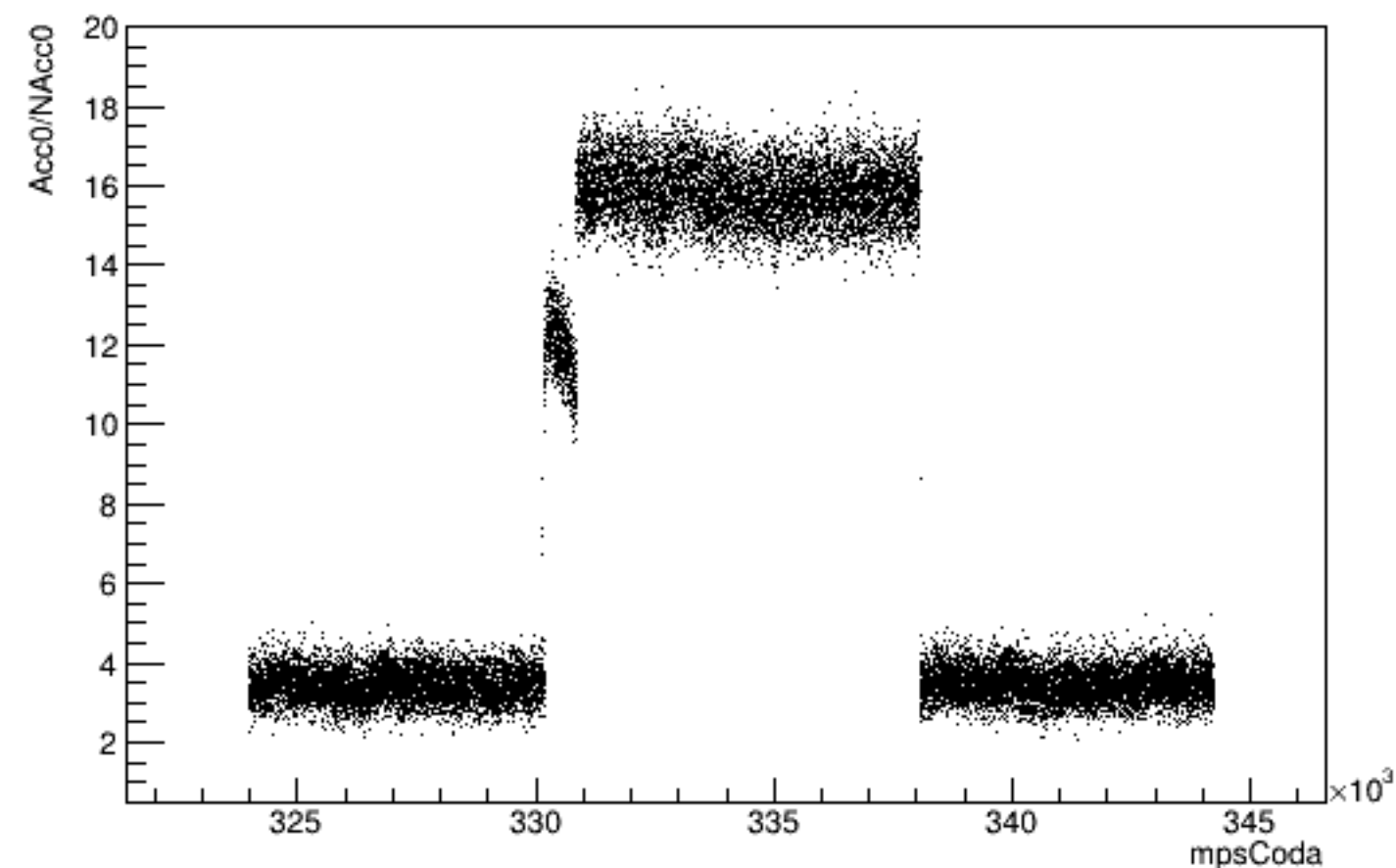
Mean: -0.0003 +/- 0.0004

Std Dev: 0.0159 +/- 0.0003

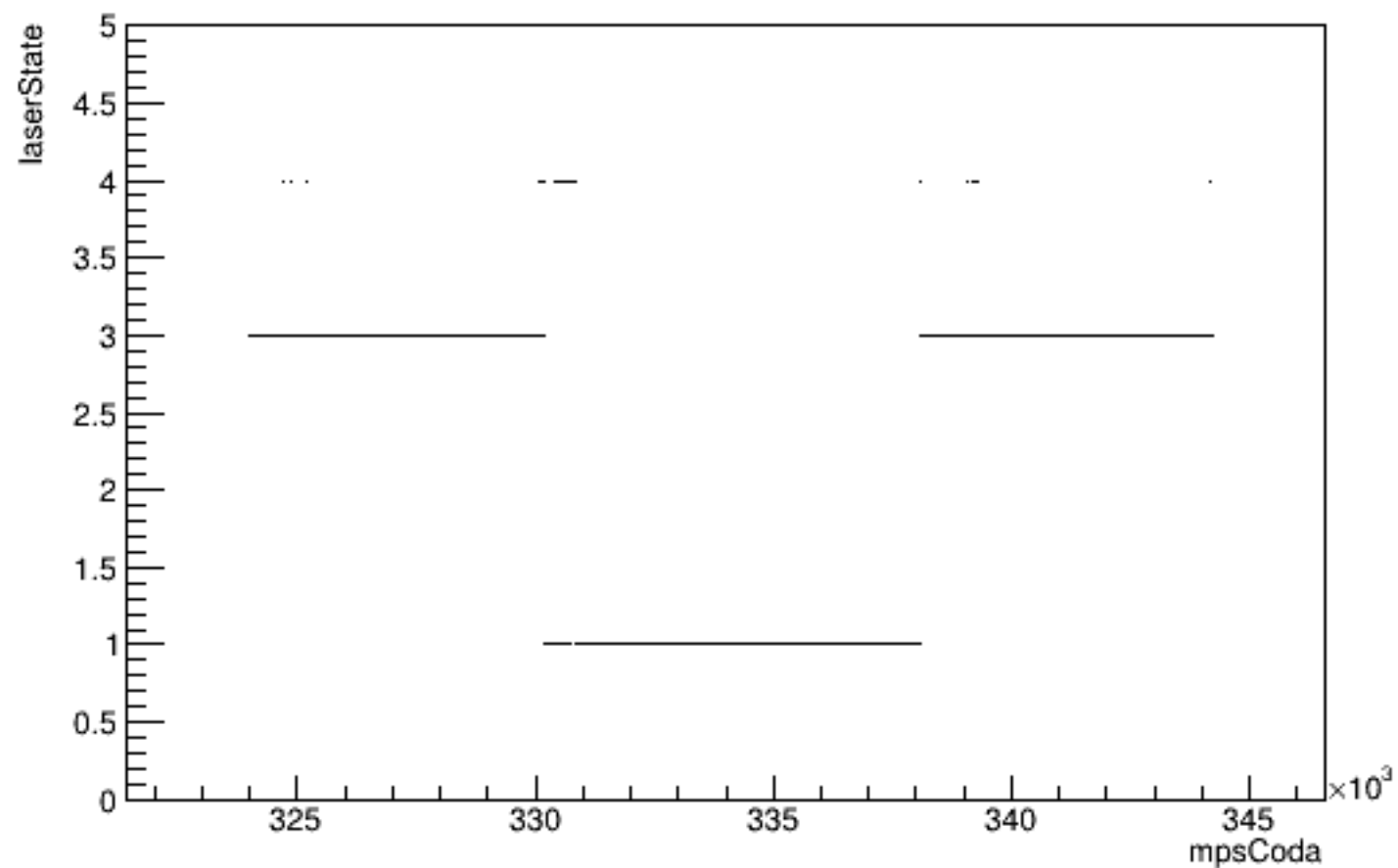
Run 6090 quartetwise, Asyms



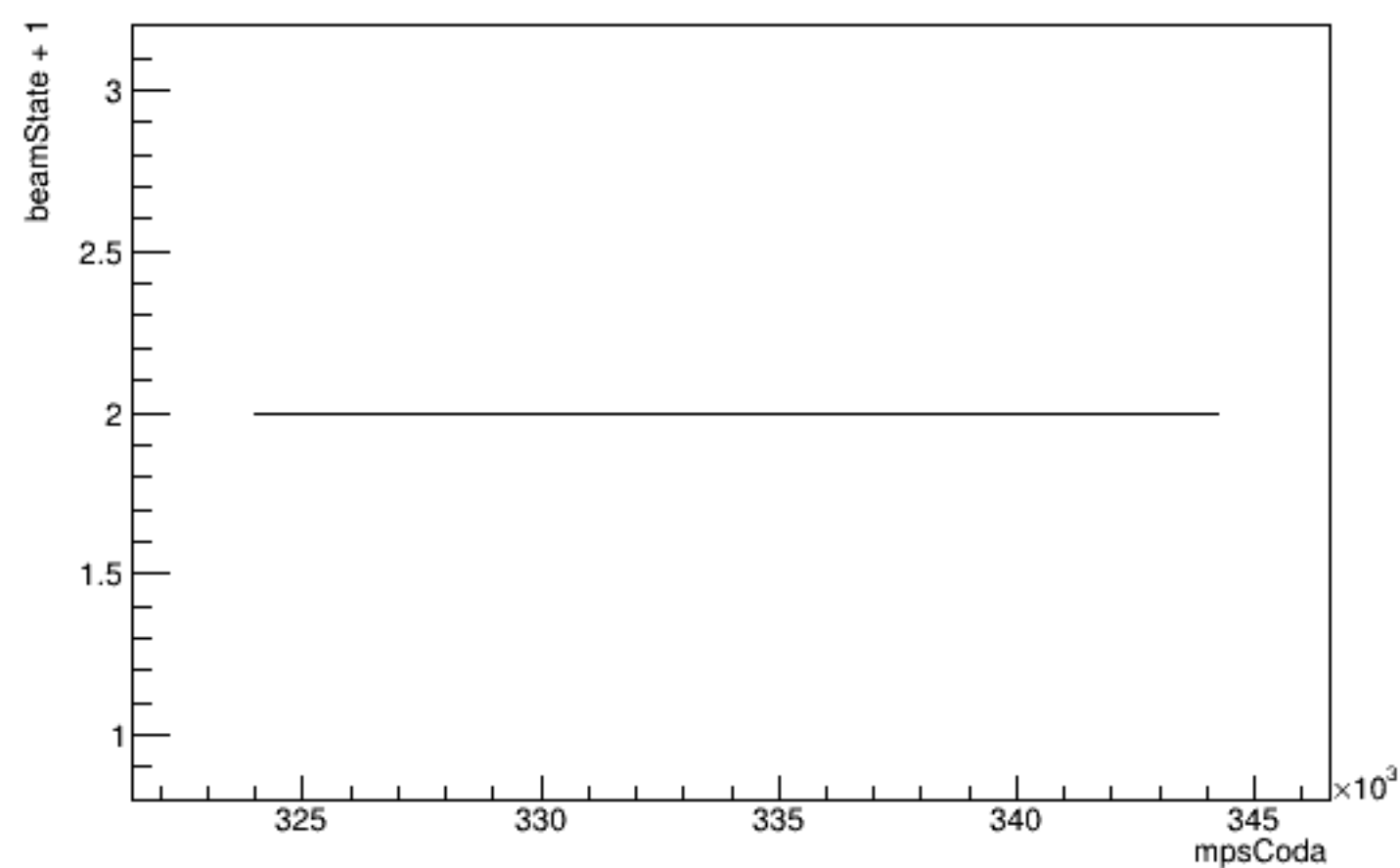
Acc0/NAcc0:mpsCoda (mpsCoda>=323980 && mpsCoda<=344231 && beamState==1)



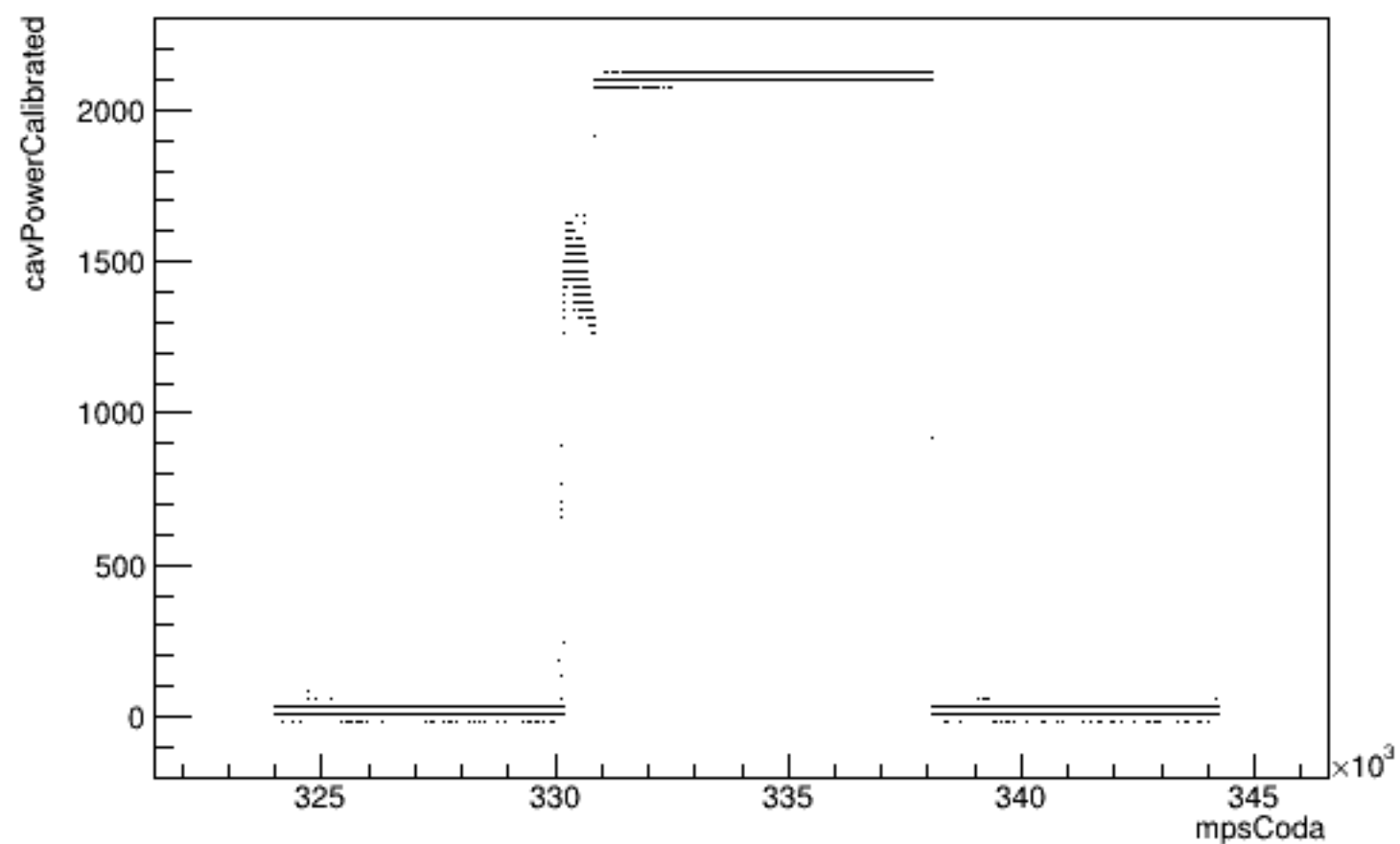
laserState:mpsCoda {mpsCoda>=323980 && mpsCoda<=344231}



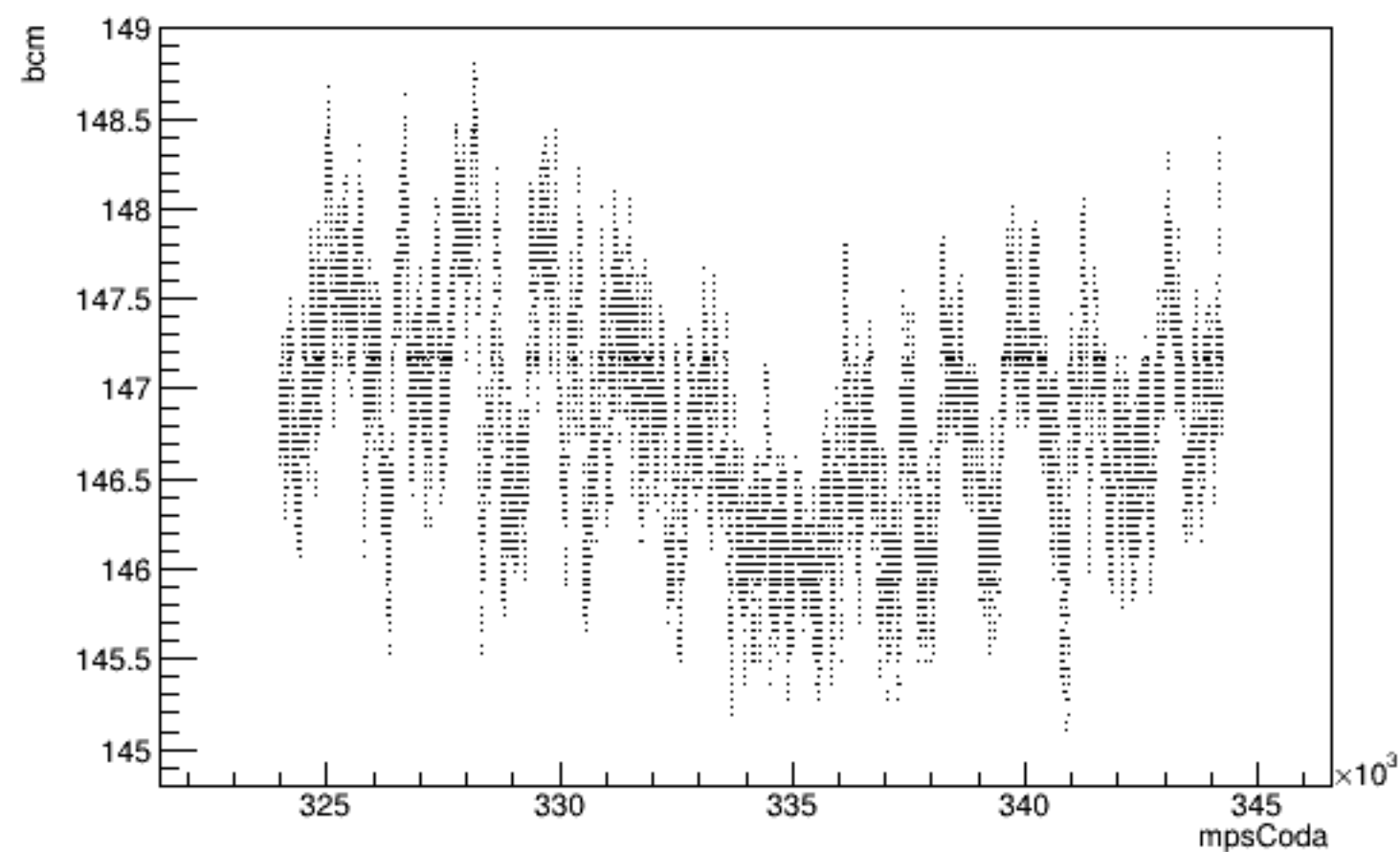
beamState + 1:mpsCoda {mpsCoda>=323980 && mpsCoda<=344231}



cavPowerCalibrated:mpsCoda {mpsCoda>=323980 && mpsCoda<=344231}



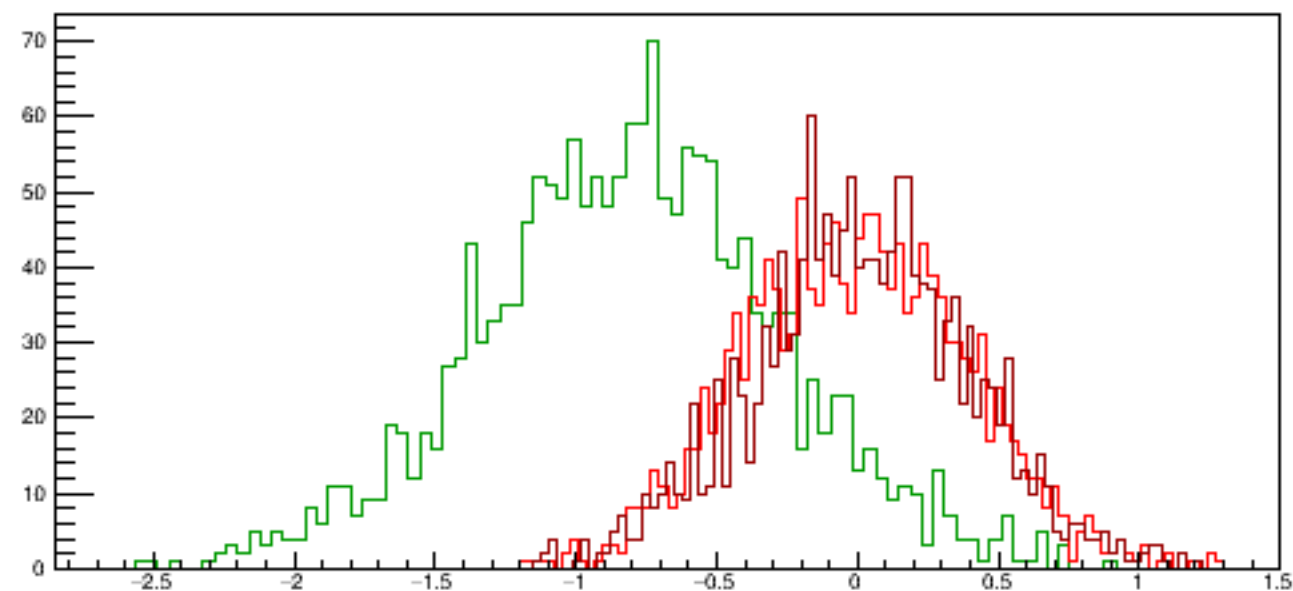
bcm:mpsCoda {mpsCoda>=323980 && mpsCoda<=344231}



Cycle 16, Diffs

Entries: 1535	Entries: 1800	Entries: 1548
Mean: -0.0082 +/- 0.0101	Mean: -0.8057 +/- 0.0126	Mean: 0.0135 +/- 0.0099
Std Dev: 0.3942 +/- 0.0071	Std Dev: 0.5353 +/- 0.0089	Std Dev: 0.3877 +/- 0.0070

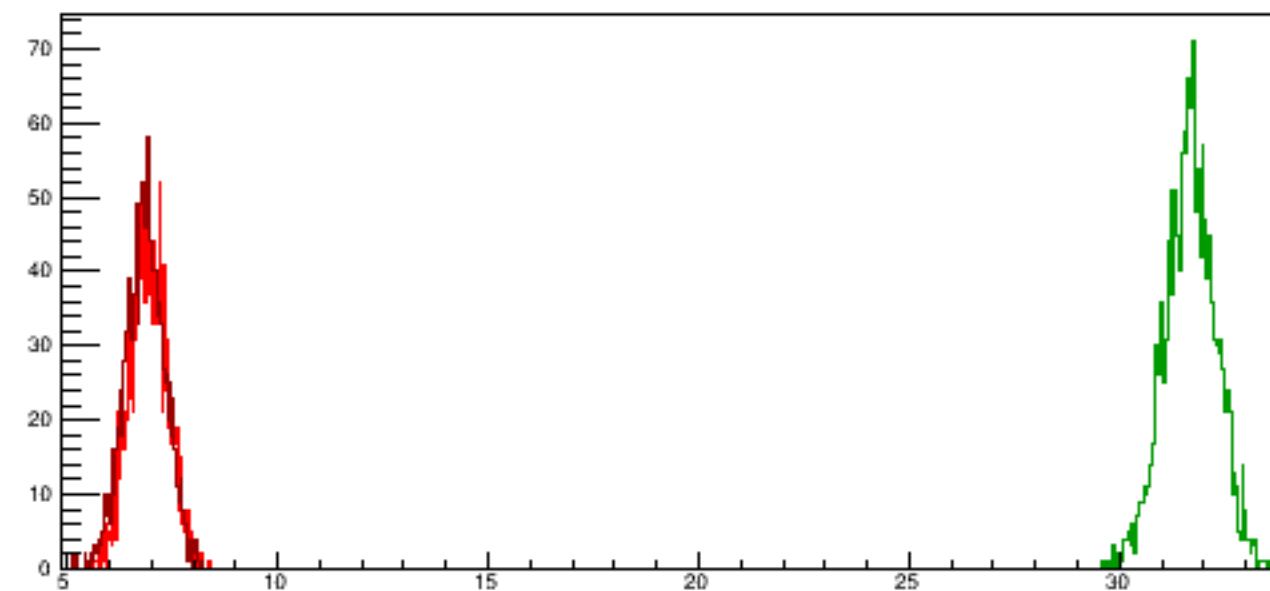
Run 6090 quartetwise, Diffs



Cycle 16, Sums

Entries: 1535	Entries: 1800	Entries: 1548
Mean: 6.9327 +/- 0.0114	Mean: 31.6826 +/- 0.0143	Mean: 6.8388 +/- 0.0118
Std Dev: 0.4472 +/- 0.0081	Std Dev: 0.6074 +/- 0.0101	Std Dev: 0.4661 +/- 0.0084

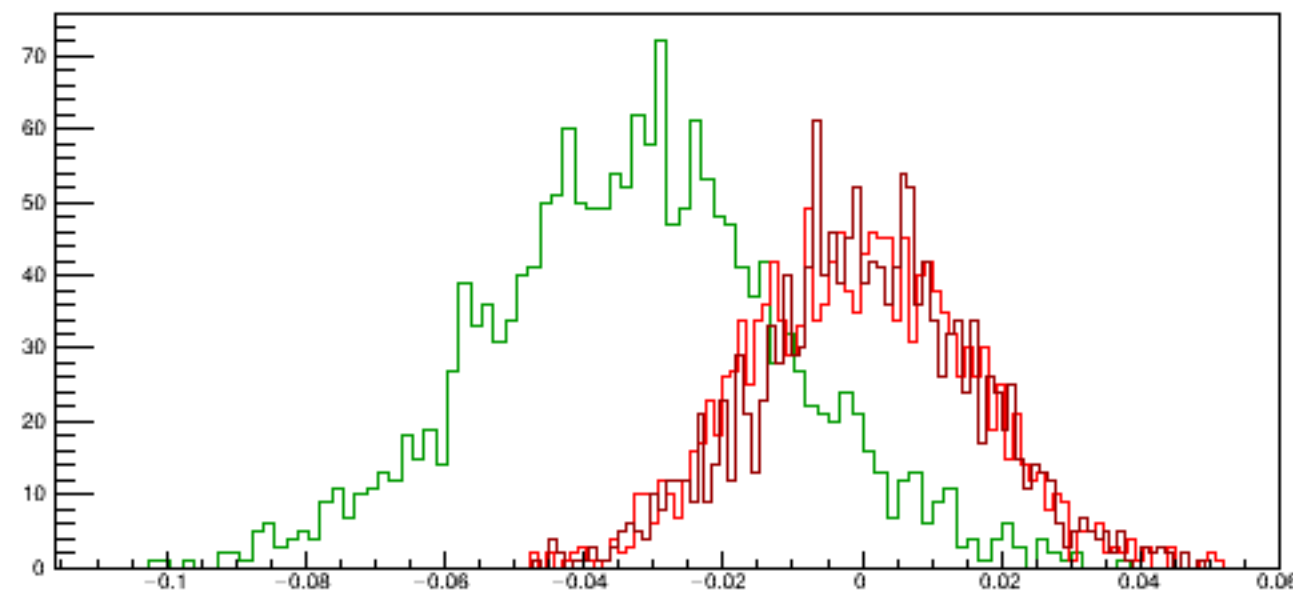
Run 6090 quartetwise, Sums



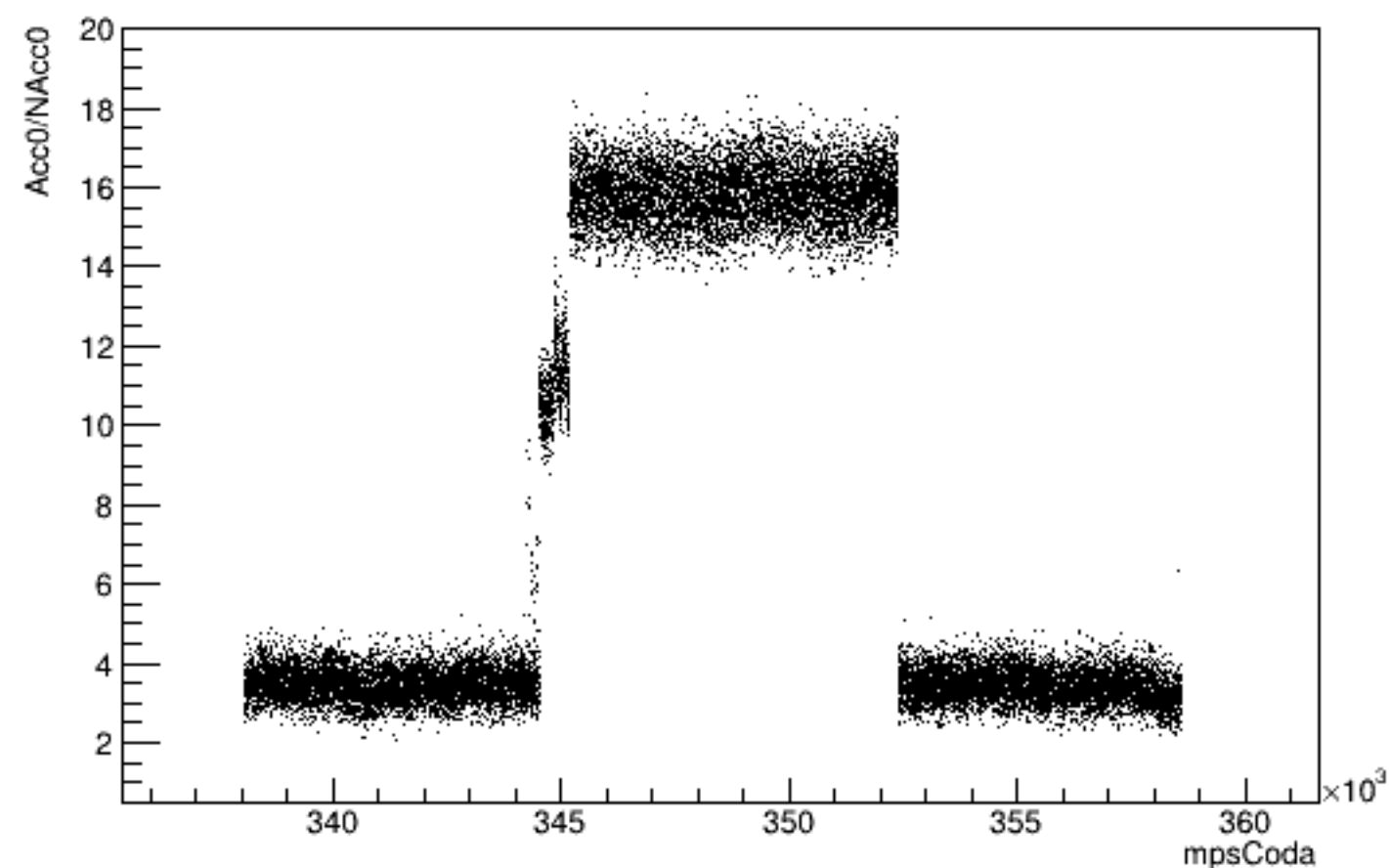
Cycle 16, Asyms

Entries: 1535	Entries: 1800	Entries: 1548
Mean: -0.0003 +/- 0.0004	Mean: -0.0325 +/- 0.0005	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0159 +/- 0.0003	Std Dev: 0.0216 +/- 0.0004	Std Dev: 0.0156 +/- 0.0003

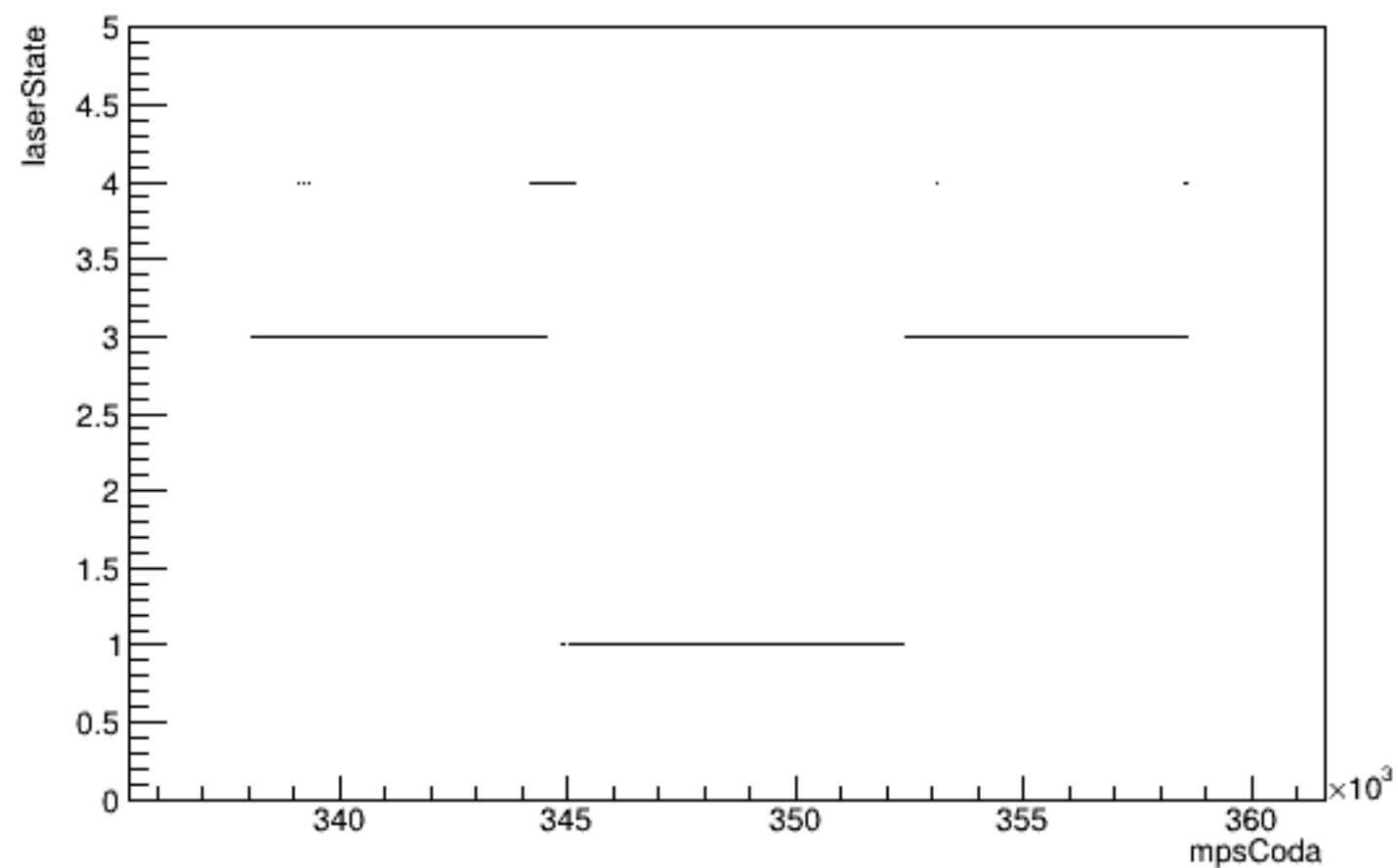
Run 6090 quartetwise, Asyms



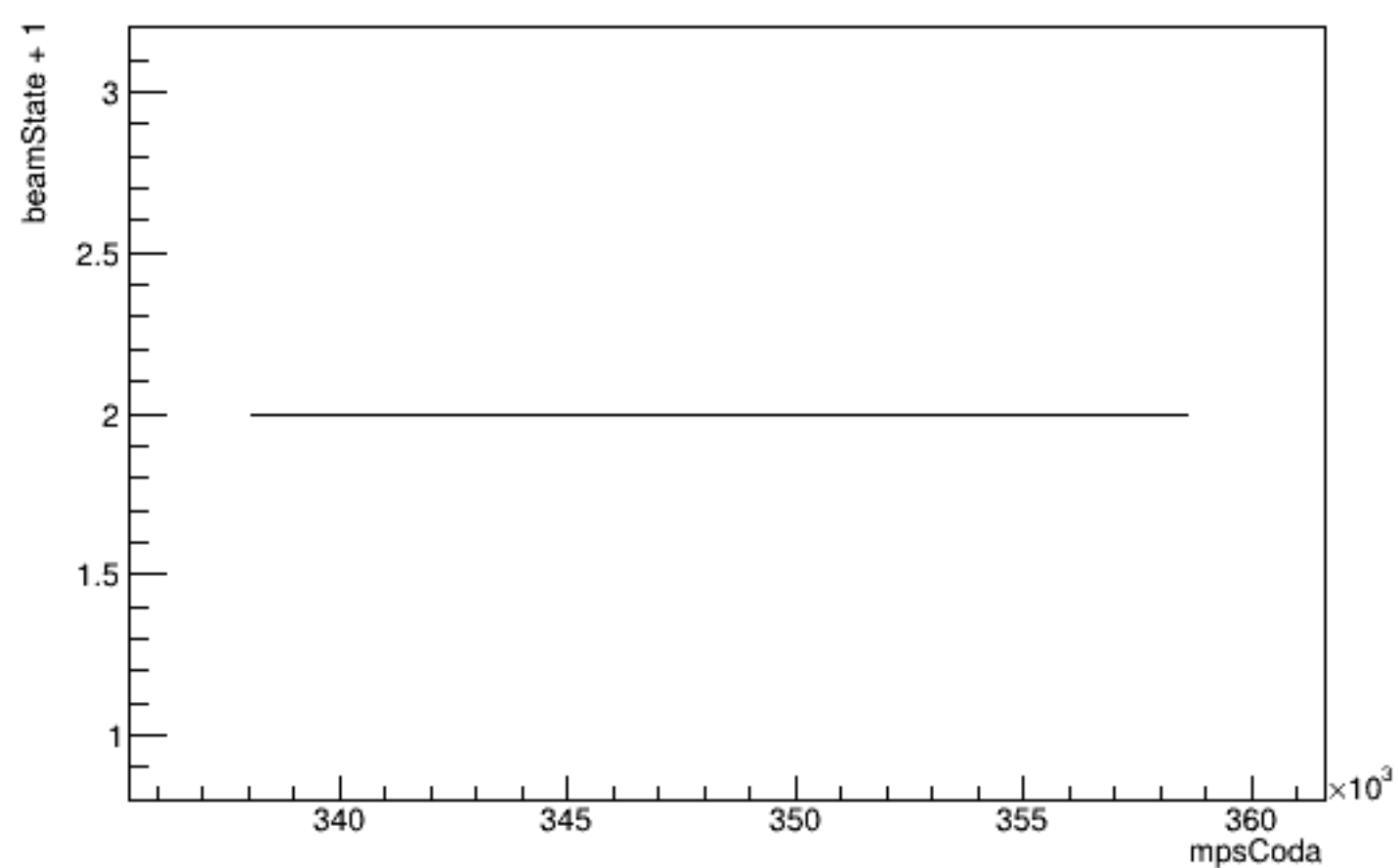
Acc0/NAcc0:mpsCoda (mpsCoda>=338068 && mpsCoda<=358591 && beamState==1)



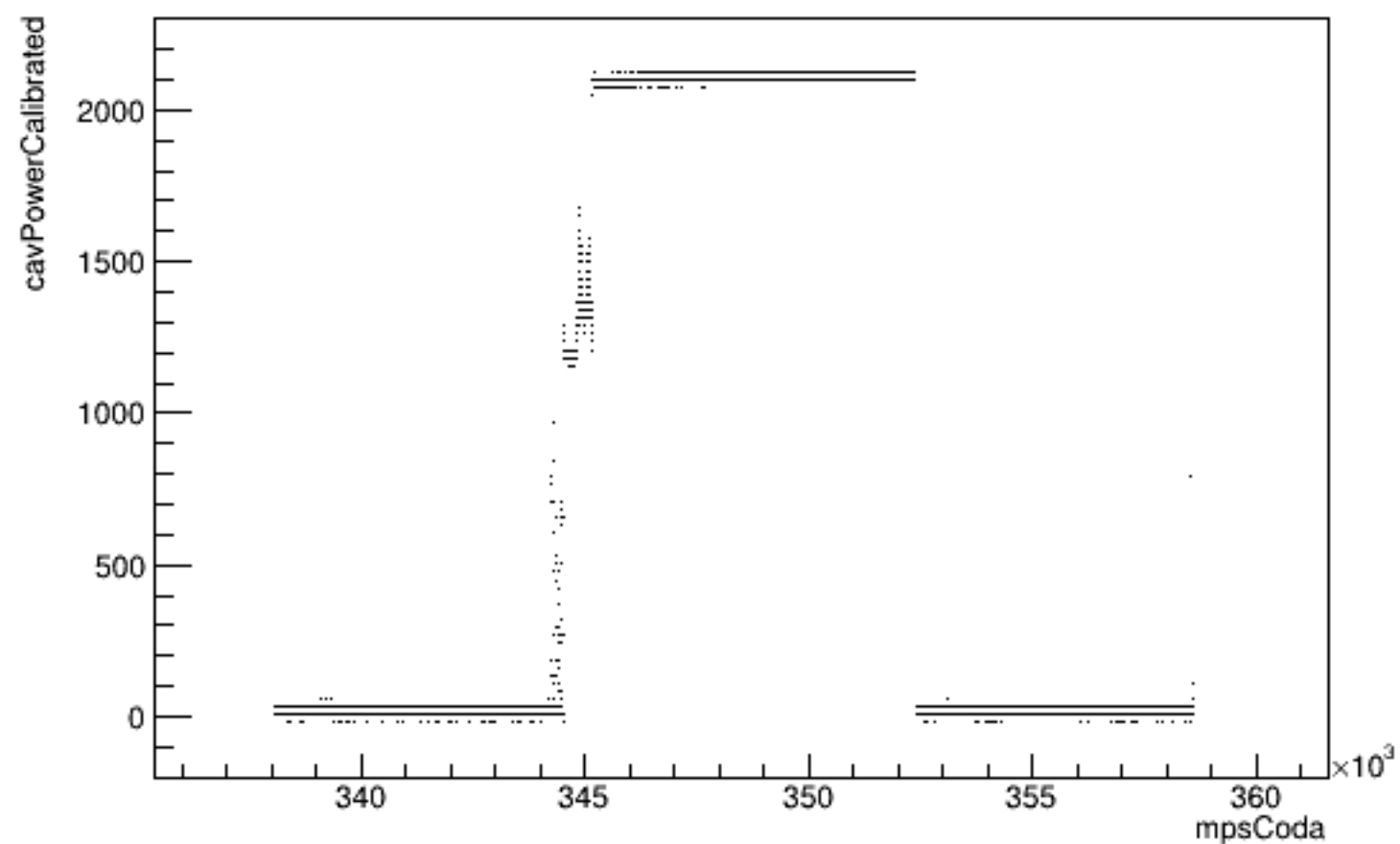
laserState:mpsCoda {mpsCoda>=338068 && mpsCoda<=358591}



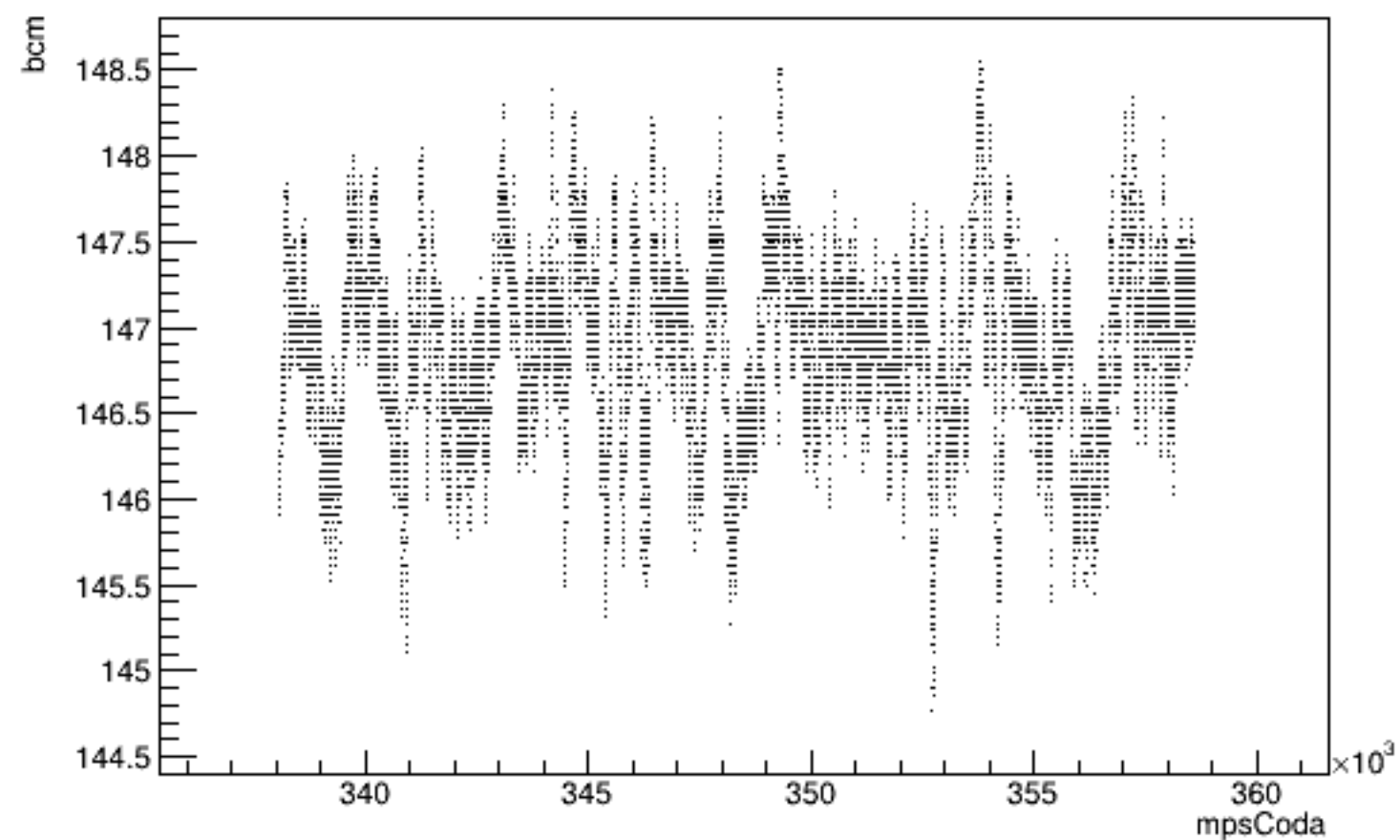
beamState + 1:mpsCoda {mpsCoda>=338068 && mpsCoda<=358591}



cavPowerCalibrated:mpsCoda {mpsCoda>=338068 && mpsCoda<=358591}



bcm:mpsCoda {mpsCoda>=338068 && mpsCoda<=358591}



Cycle 17, Diffs

Entries: 1548

Mean: 0.0135 +/- 0.0099

Std Dev: 0.3877 +/- 0.0070

Entries: 903

Mean: -0.7031 +/- 0.0177

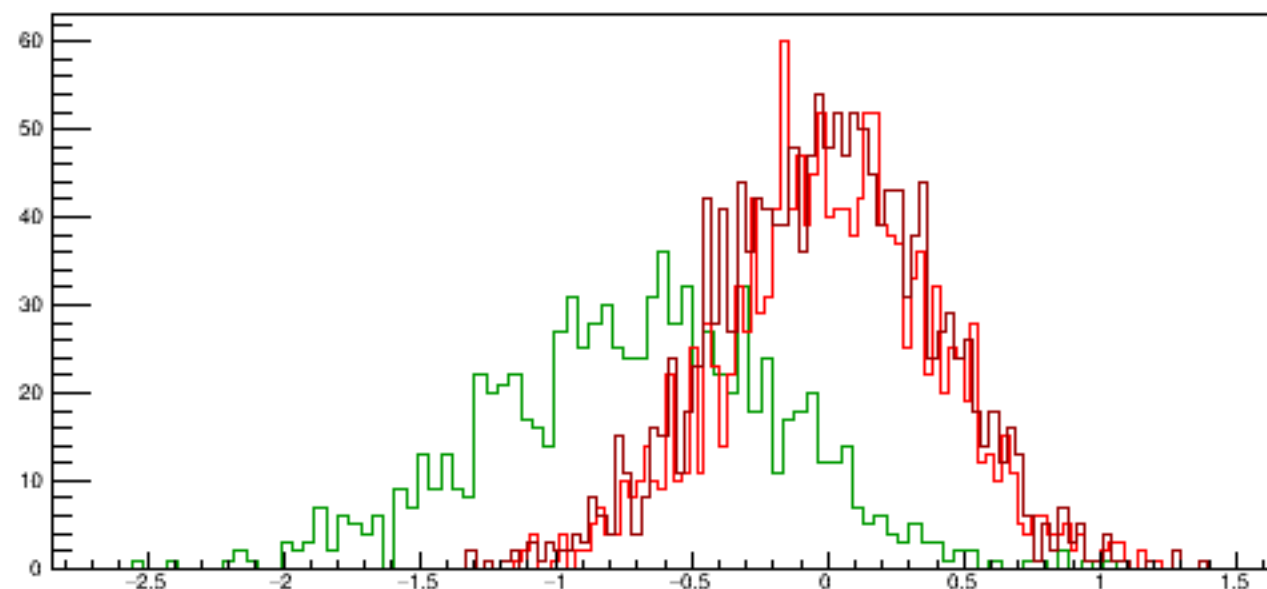
Std Dev: 0.5327 +/- 0.0125

Entries: 1545

Mean: -0.0079 +/- 0.0102

Std Dev: 0.4017 +/- 0.0072

Run 6090 quartetwise, Diffs



Cycle 17, Sums

Entries: 1548

Mean: 6.8388 +/- 0.0118

Std Dev: 0.4661 +/- 0.0084

Entries: 903

Mean: 28.8711 +/- 0.0690

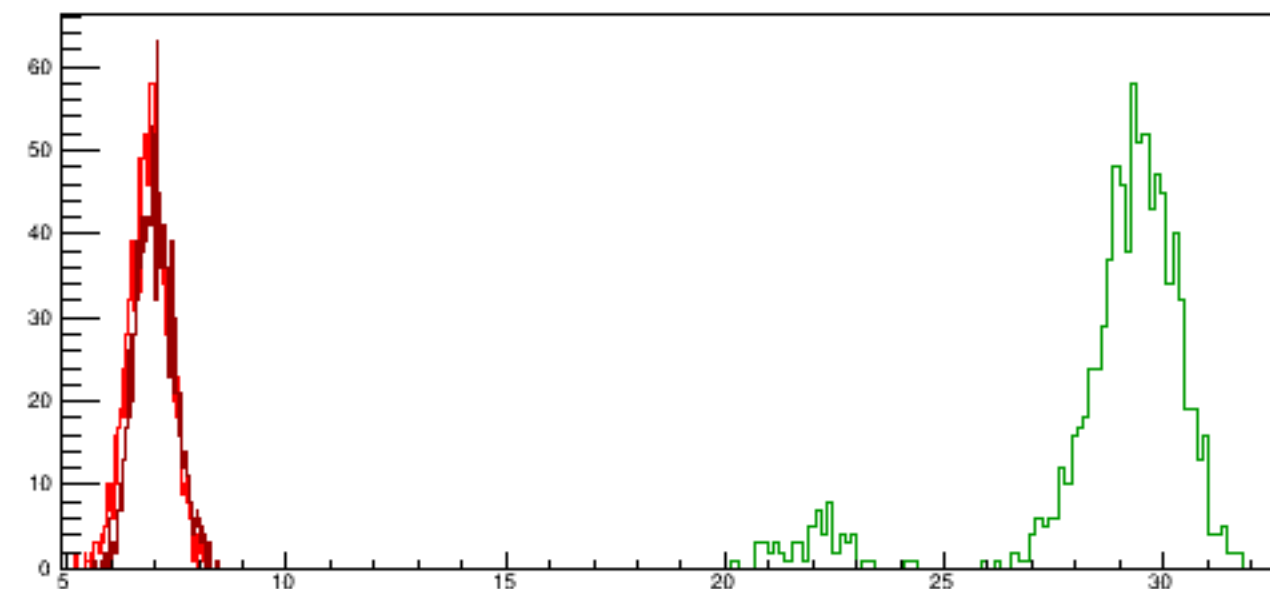
Std Dev: 2.0748 +/- 0.0488

Entries: 1545

Mean: 7.0012 +/- 0.0110

Std Dev: 0.4336 +/- 0.0078

Run 6090 quartetwise, Sums



Cycle 17, Asyms

Entries: 1548

Mean: 0.0006 +/- 0.0004

Std Dev: 0.0177 +/- 0.0003

Entries: 903

Mean: -0.0321 +/- 0.0008

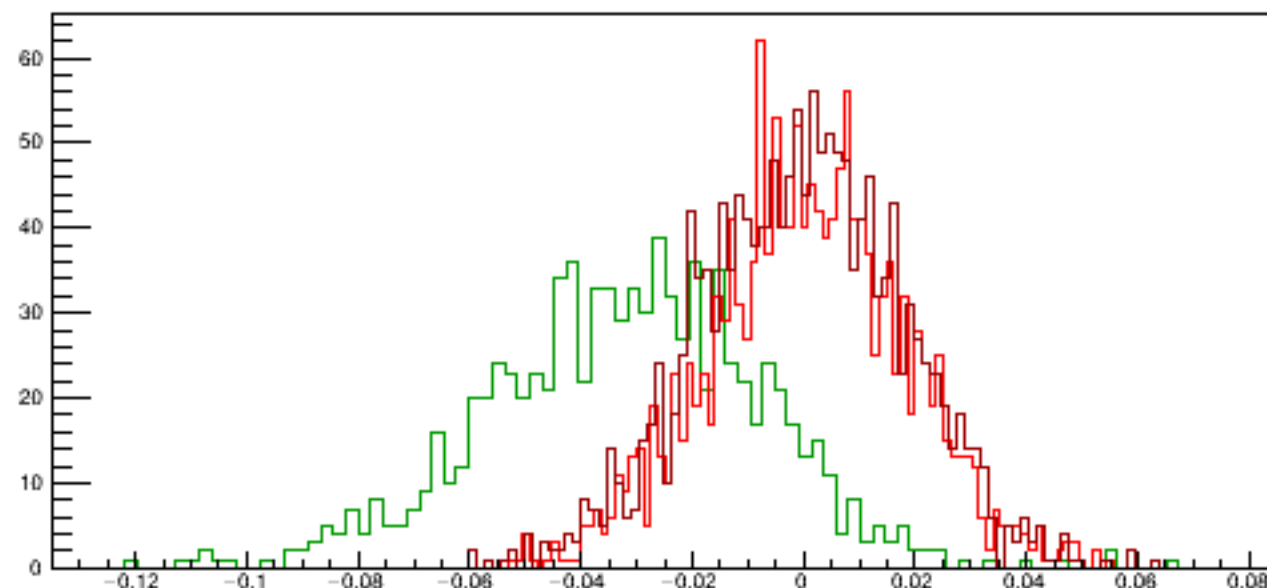
Std Dev: 0.0248 +/- 0.0006

Entries: 1545

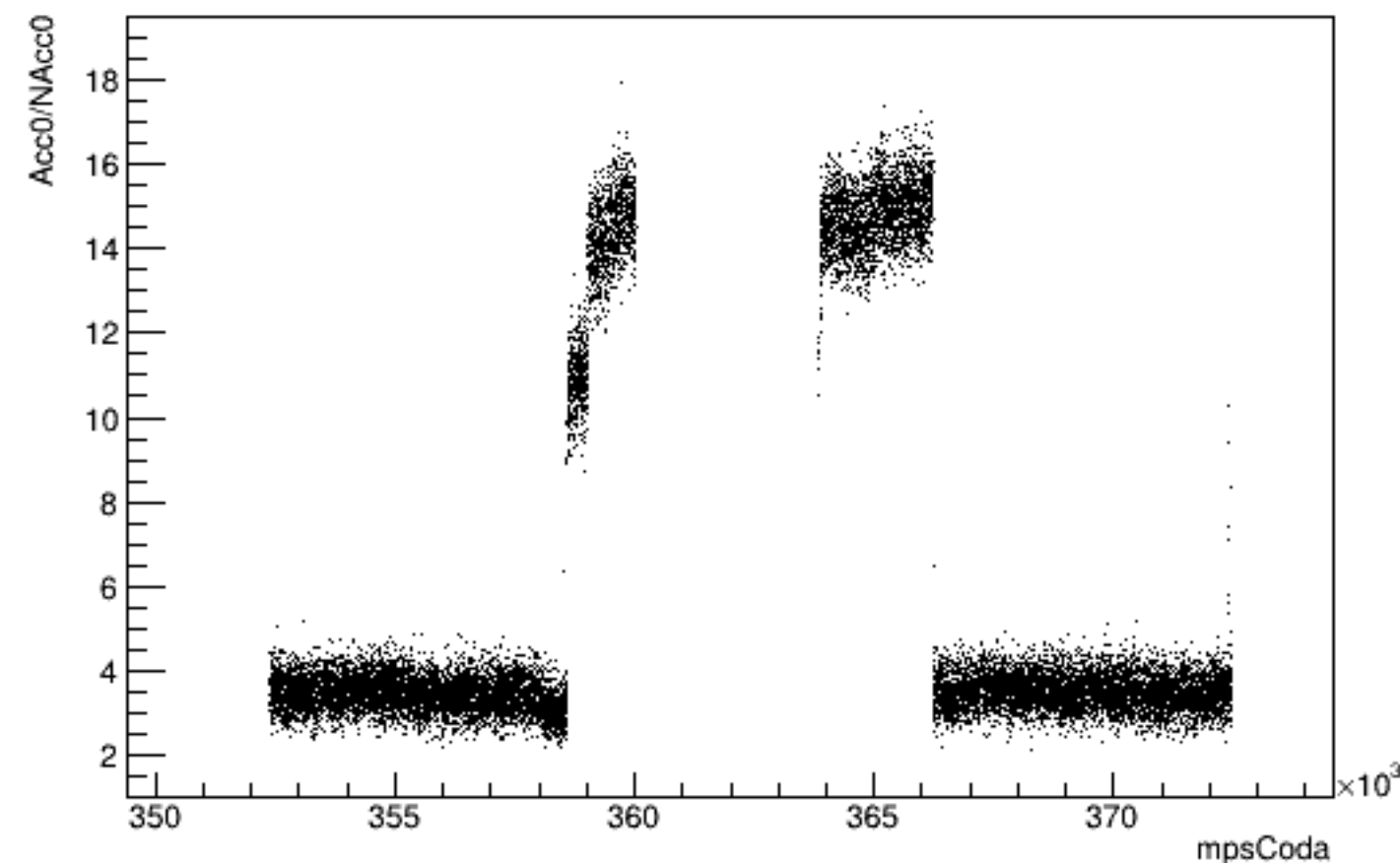
Mean: -0.0004 +/- 0.0005

Std Dev: 0.0183 +/- 0.0003

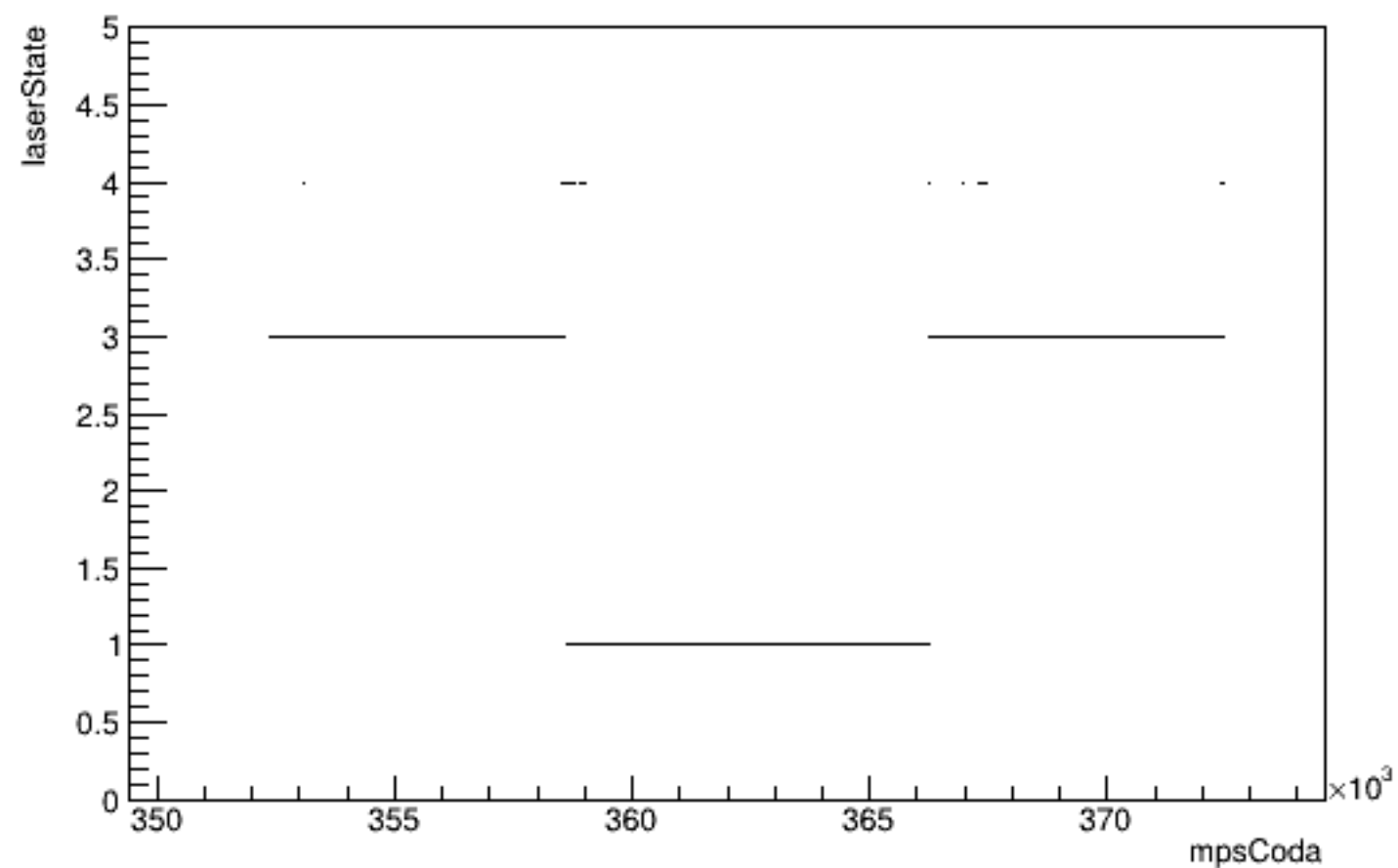
Run 6090 quartetwise, Asyms



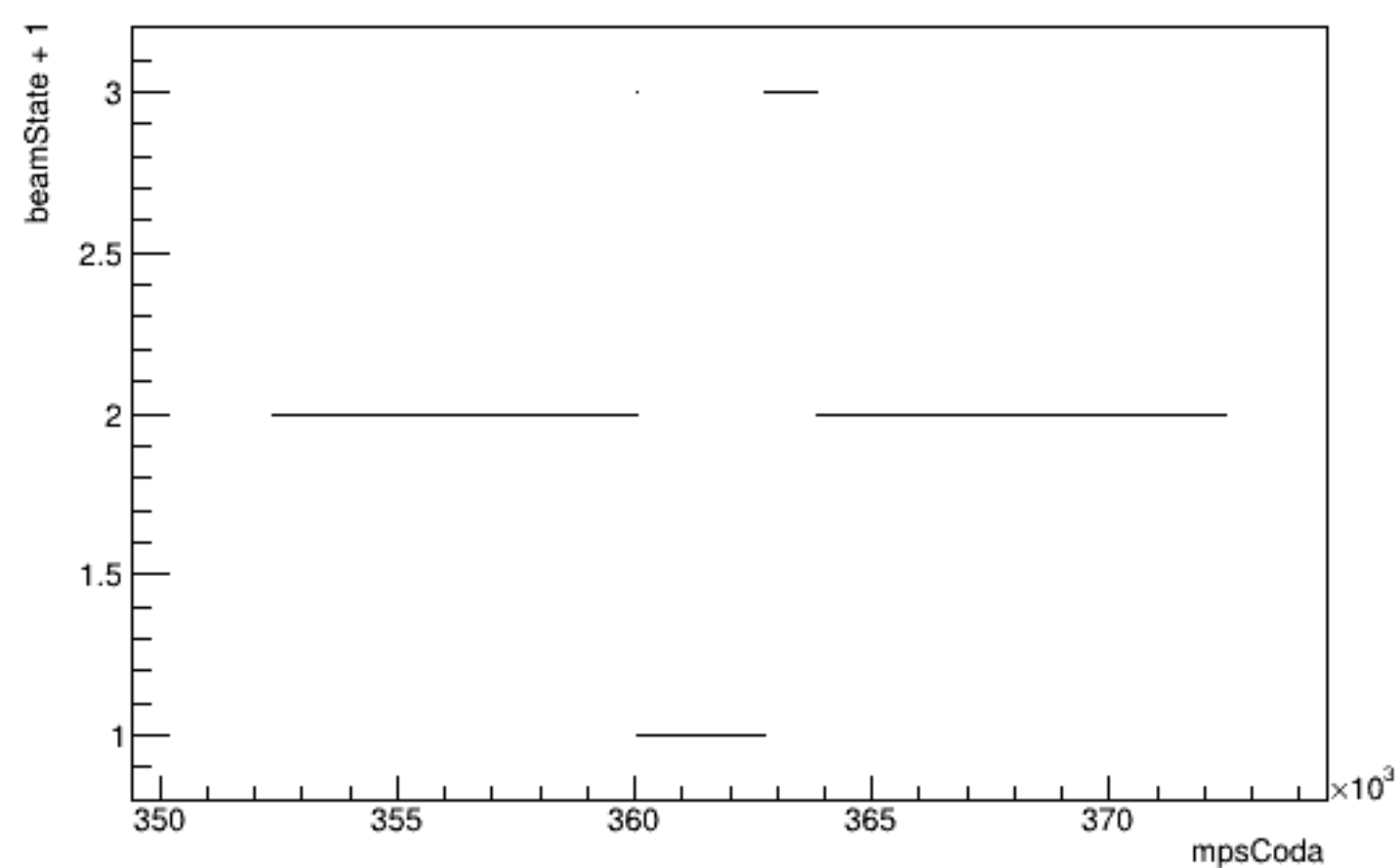
Acc0/NAcc0:mpsCoda (mpsCoda>=352388 && mpsCoda<=372455 && beamState==1)



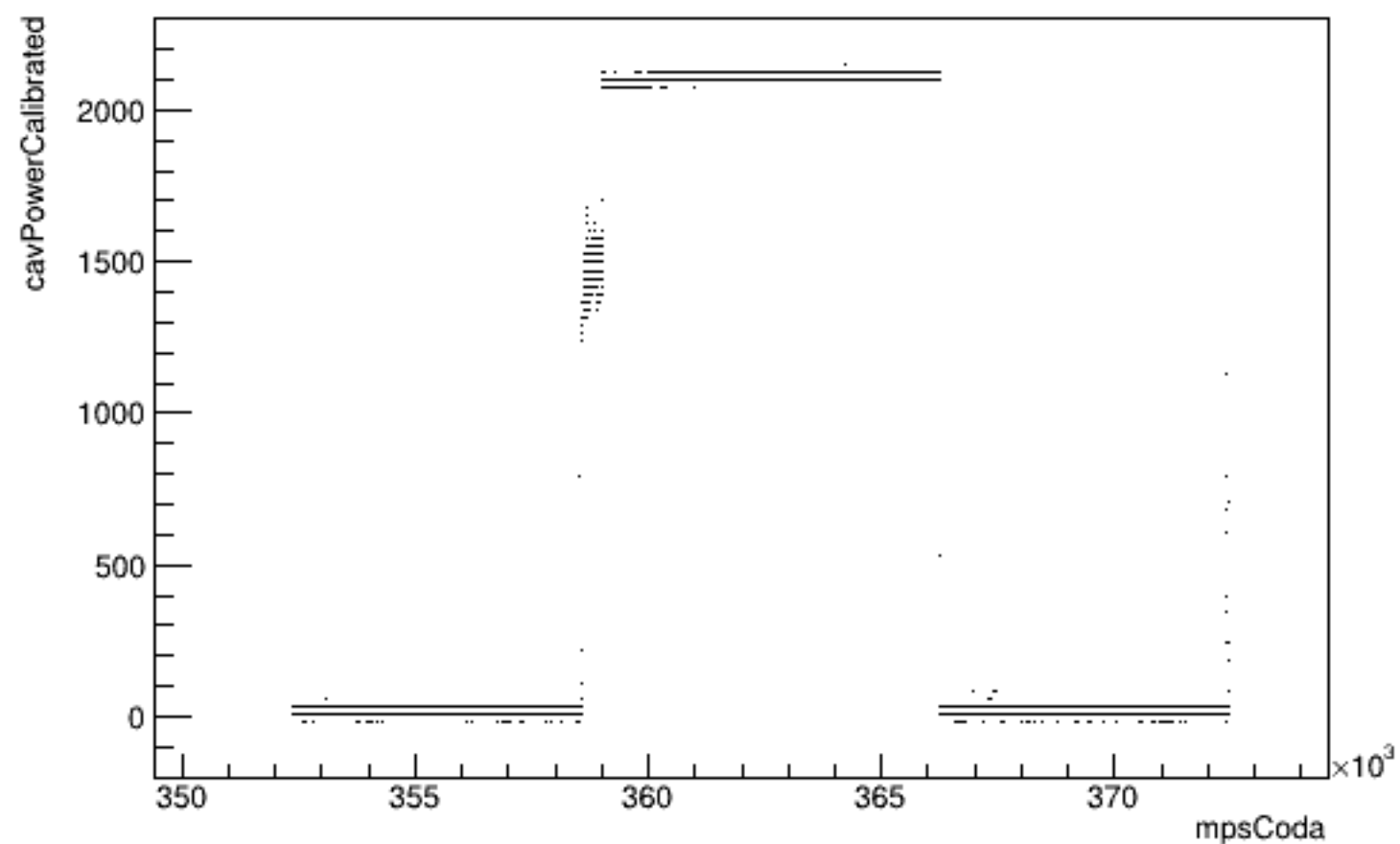
laserState:mpsCoda {mpsCoda>=352388 && mpsCoda<=372455}



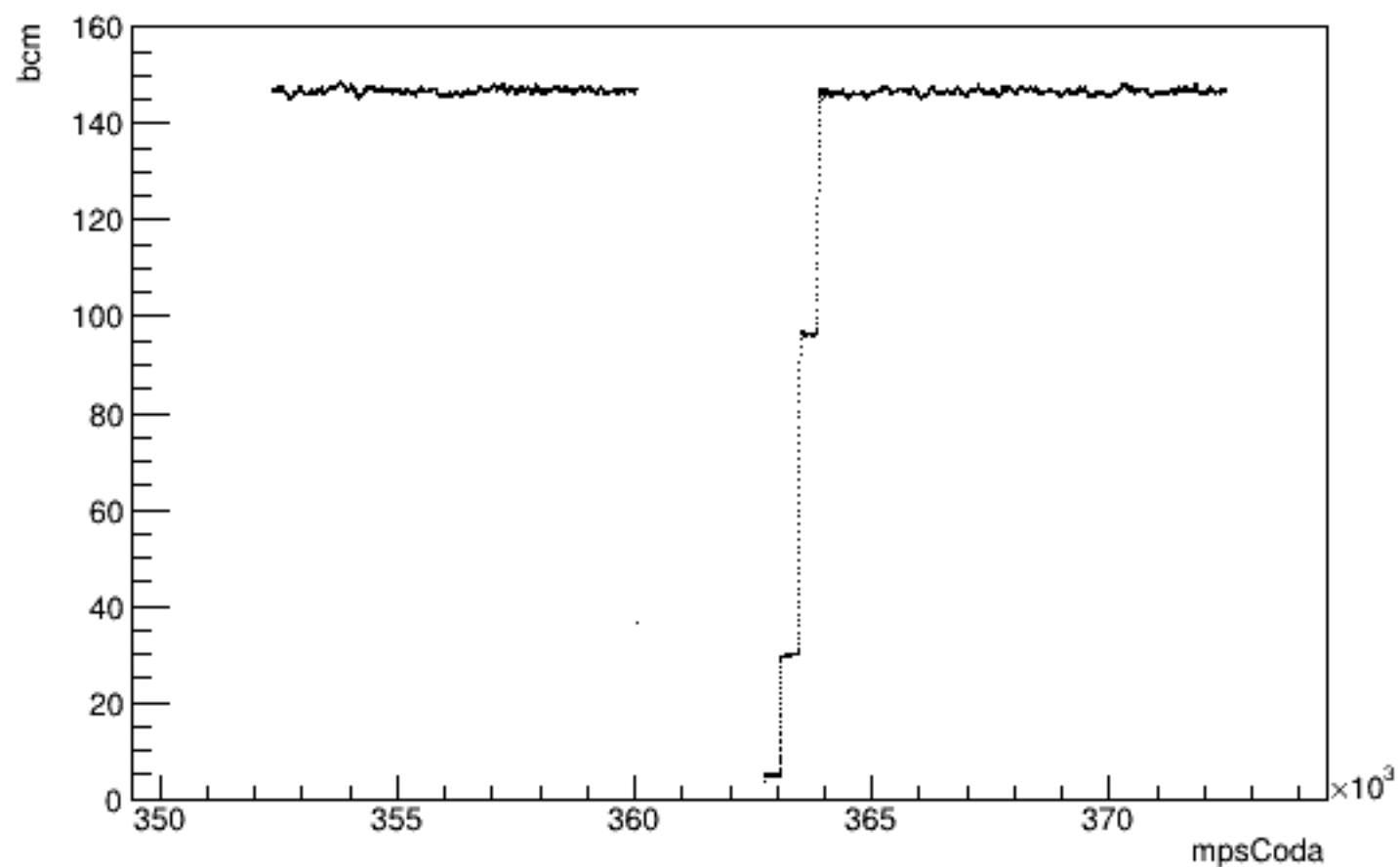
beamState + 1:mpsCoda {mpsCoda>=352388 && mpsCoda<=372455}



cavPowerCalibrated:mpsCoda {mpsCoda>=352388 && mpsCoda<=372455}



bcm:mpsCoda {mpsCoda>=352388 && mpsCoda<=372455}



Cycle 18, Diffs

Entries: 1415

Mean: -0.0058 +/- 0.0106

Std Dev: 0.3992 +/- 0.0075

Entries: 519

Mean: -0.8124 +/- 0.0230

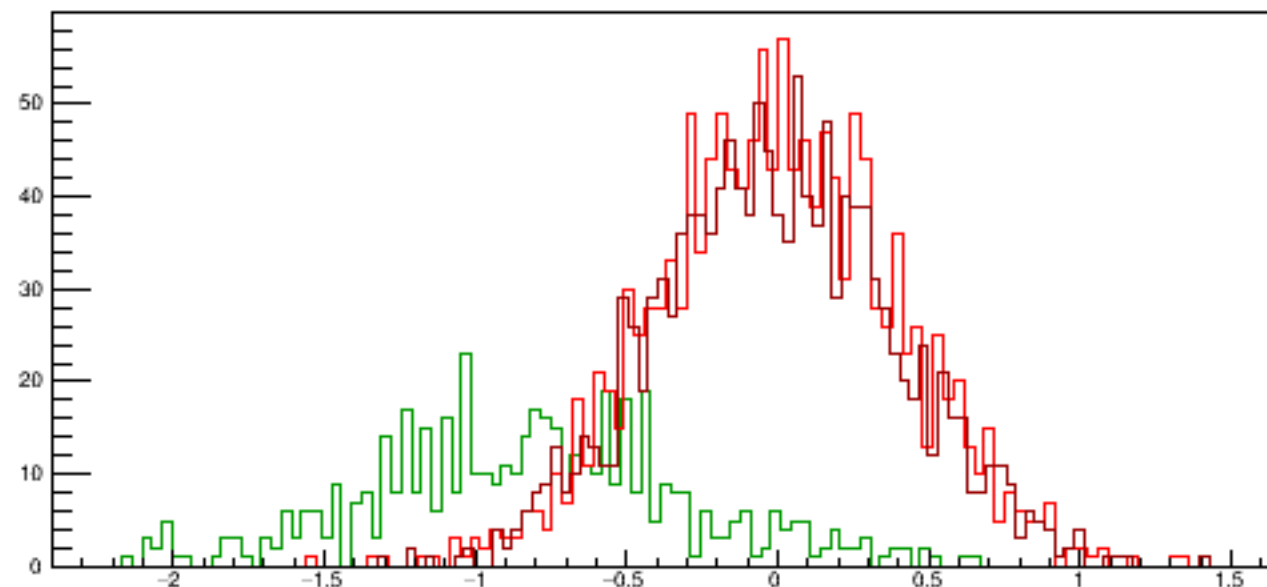
Std Dev: 0.5235 +/- 0.0162

Entries: 1373

Mean: -0.0092 +/- 0.0107

Std Dev: 0.3947 +/- 0.0075

Run 6090 quartetwise, Diffs



Cycle 18, Sums

Entries: 1415

Mean: 6.4640 +/- 0.0114

Std Dev: 0.4280 +/- 0.0080

Entries: 519

Mean: 30.9927 +/- 0.0426

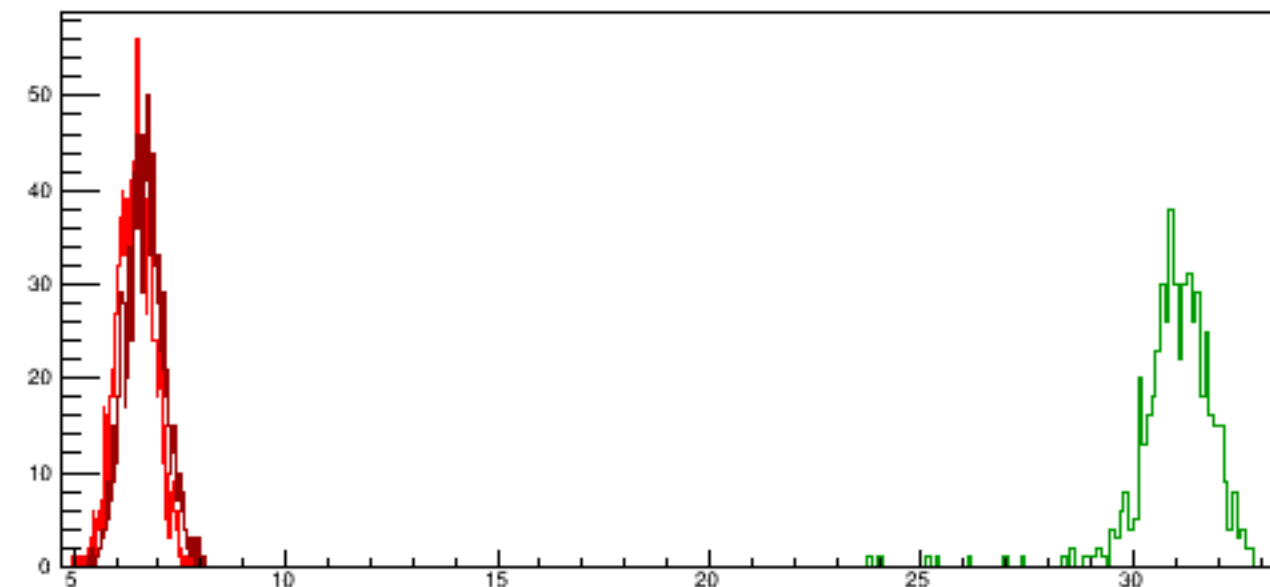
Std Dev: 0.9707 +/- 0.0301

Entries: 1373

Mean: 6.6684 +/- 0.0119

Std Dev: 0.4421 +/- 0.0084

Run 6090 quartetwise, Sums



Cycle 18, Asyms

Entries: 1415

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0163 +/- 0.0003

Entries: 519

Mean: -0.0334 +/- 0.0010

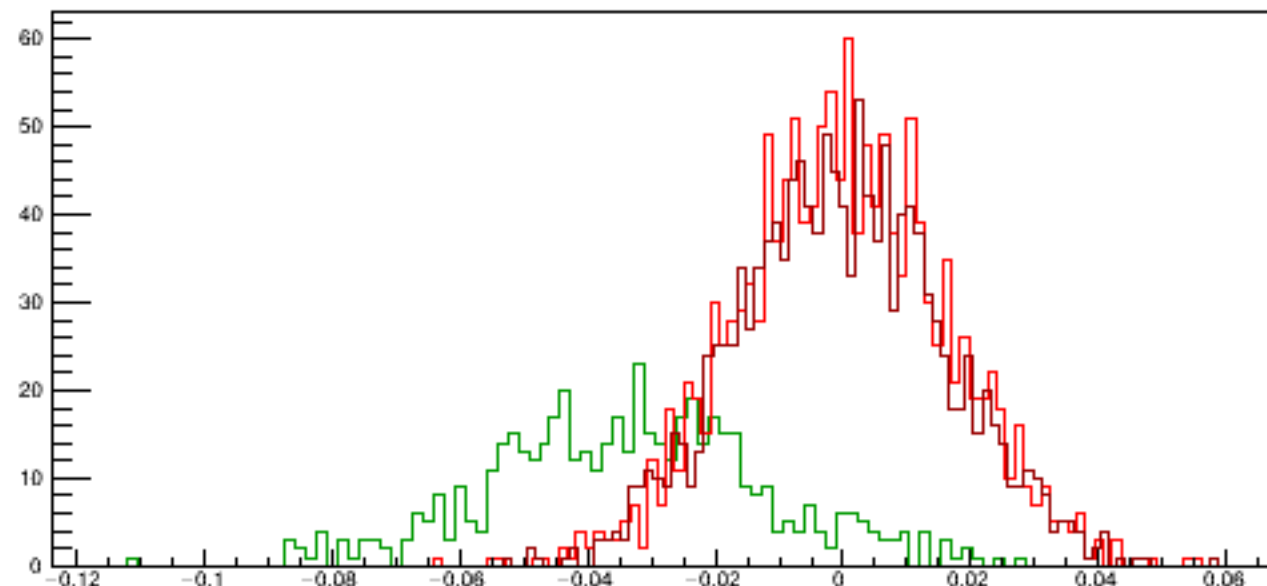
Std Dev: 0.0217 +/- 0.0007

Entries: 1373

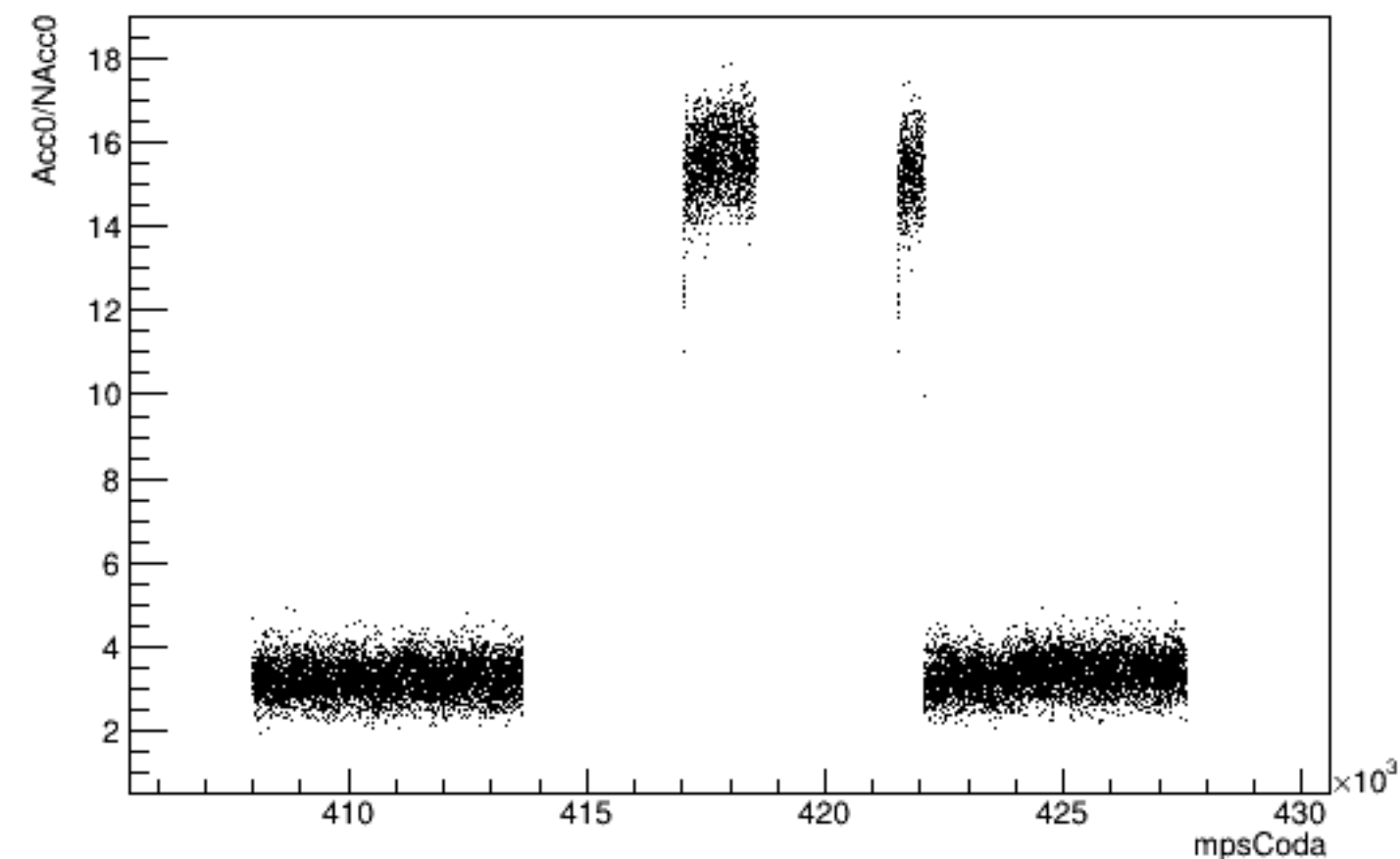
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0162 +/- 0.0003

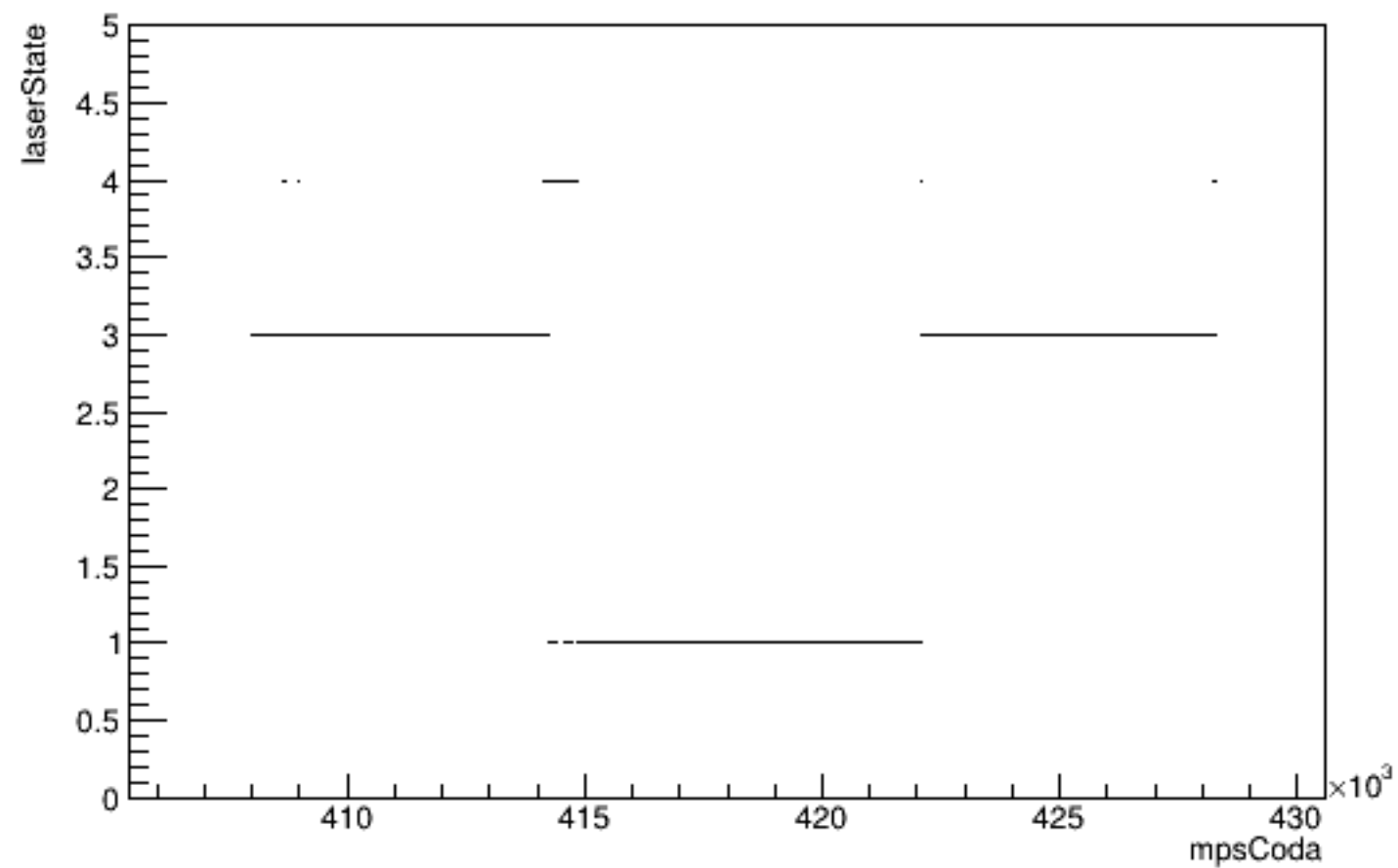
Run 6090 quartetwise, Asyms



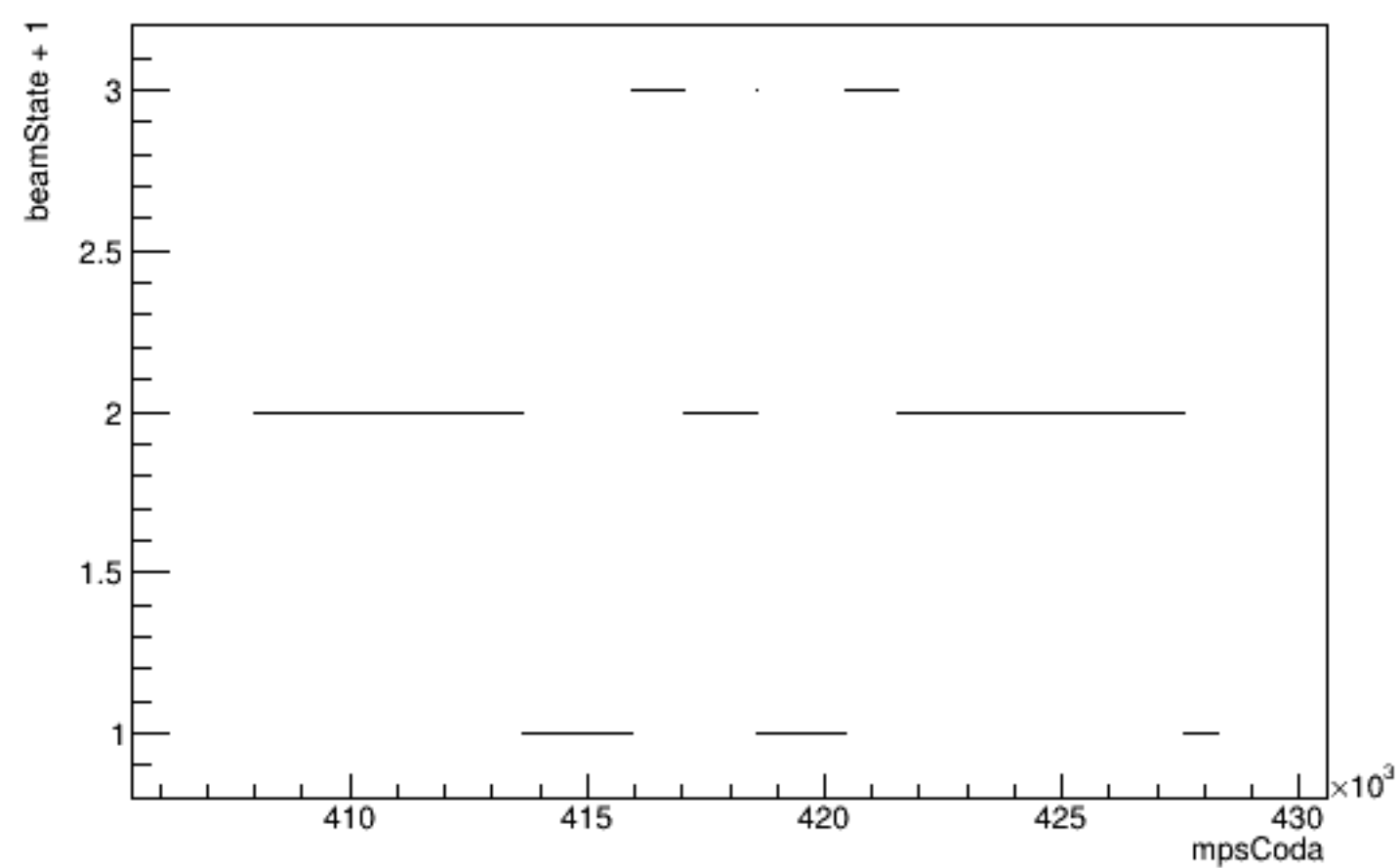
Acc0/NAcc0:mpsCoda (mpsCoda>=407992 && mpsCoda<=428271 && beamState==1)



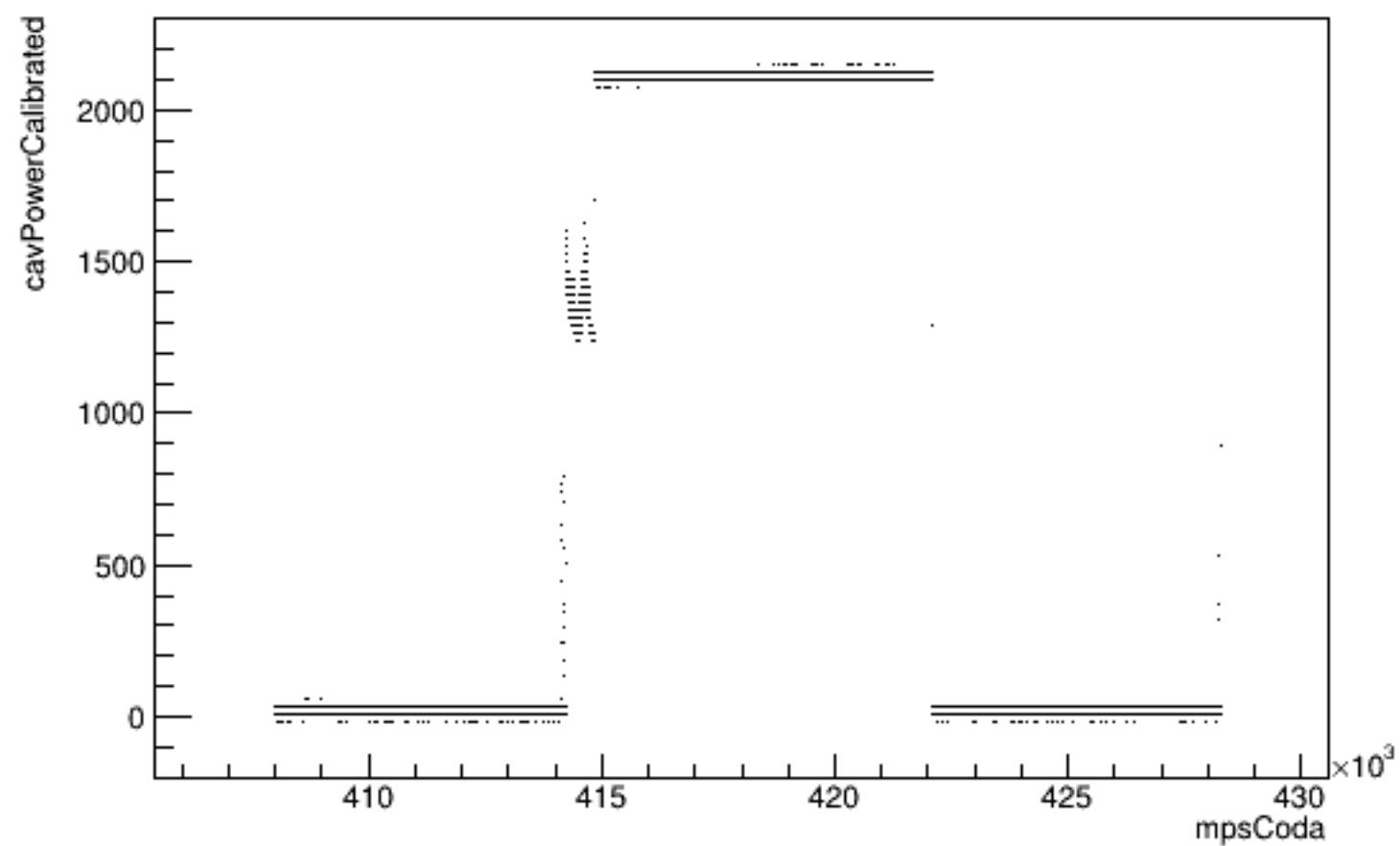
laserState:mpsCoda {mpsCoda>=407992 && mpsCoda<=428271}



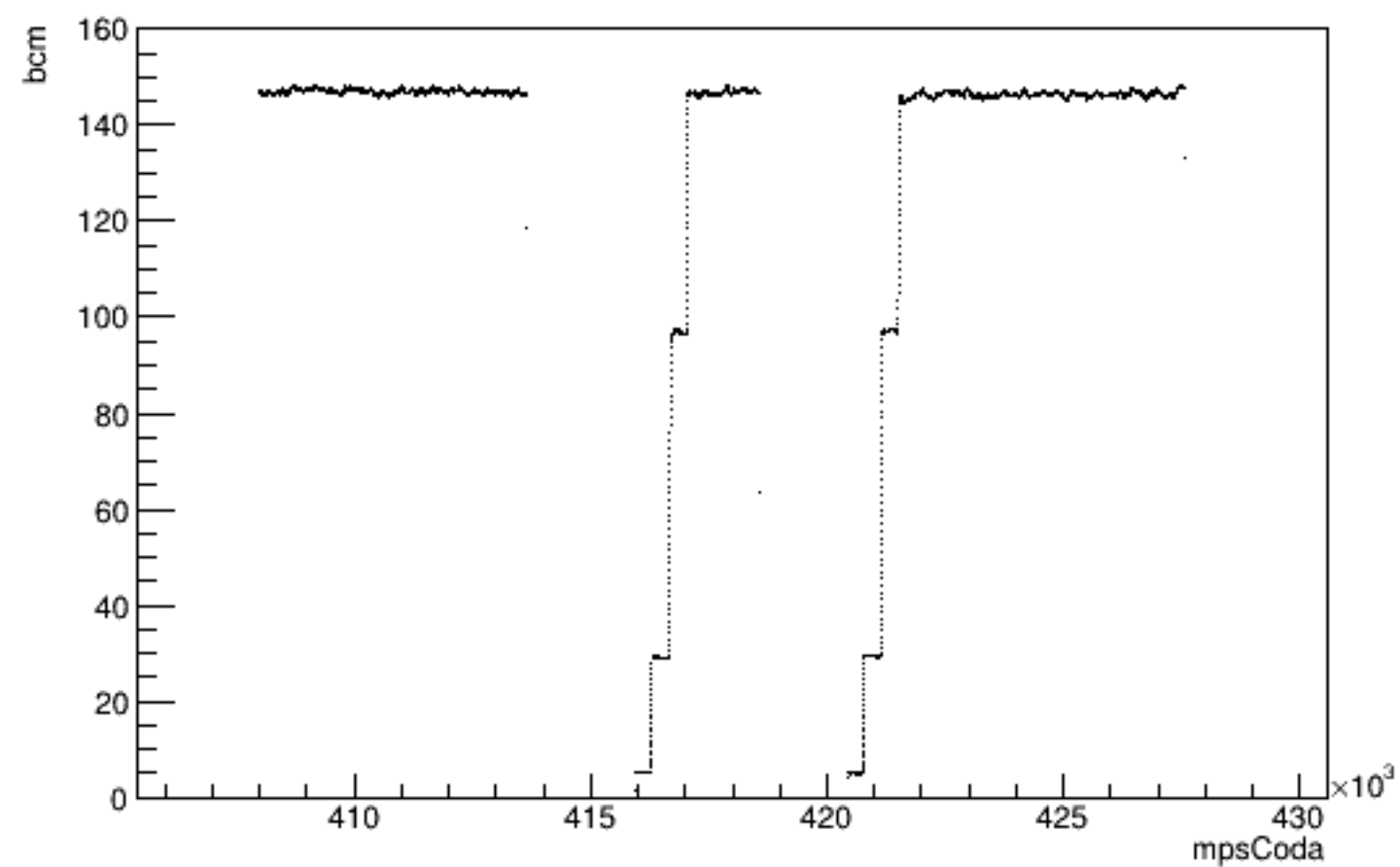
beamState + 1:mpsCoda {mpsCoda>=407992 && mpsCoda<=428271}



cavPowerCalibrated:mpsCoda {mpsCoda>=407992 && mpsCoda<=428271}



bcm:mpsCoda {mpsCoda>=407992 && mpsCoda<=428271}



Cycle 19, Diffs

Entries: 1536

Mean: -0.0211 +/- 0.0097

Std Dev: 0.3815 +/- 0.0069

Entries: 1801

Mean: -0.7509 +/- 0.0125

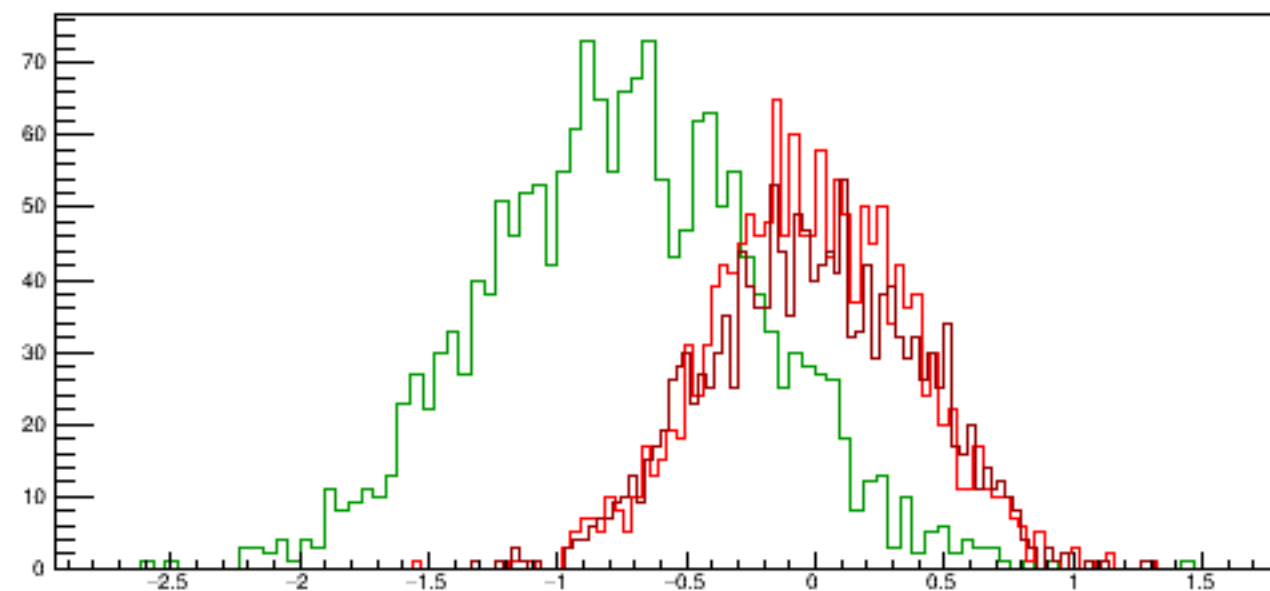
Std Dev: 0.5310 +/- 0.0088

Entries: 1540

Mean: -0.0168 +/- 0.0102

Std Dev: 0.4018 +/- 0.0072

Run 6090 quartetwise, Diffs



Cycle 19, Sums

Entries: 1536

Mean: 6.8745 +/- 0.0109

Std Dev: 0.4279 +/- 0.0077

Entries: 1801

Mean: 31.2002 +/- 0.0152

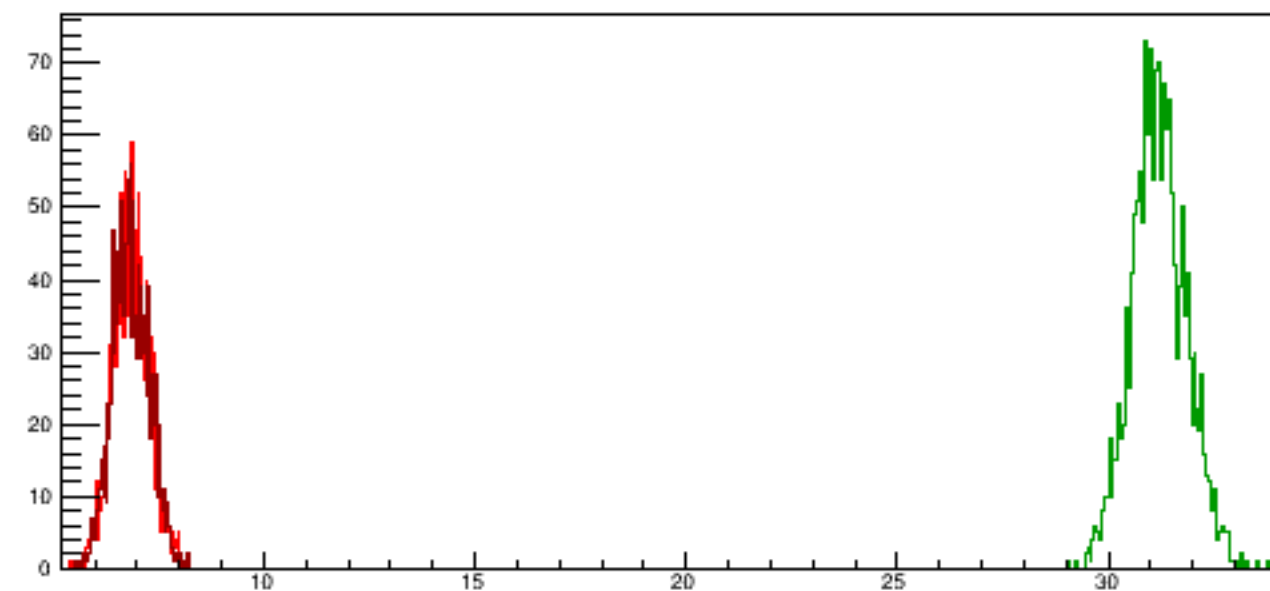
Std Dev: 0.6450 +/- 0.0107

Entries: 1540

Mean: 6.8645 +/- 0.0108

Std Dev: 0.4224 +/- 0.0076

Run 6090 quartetwise, Sums



Cycle 19, Asyms

Entries: 1536

Mean: -0.0009 +/- 0.0004

Std Dev: 0.0157 +/- 0.0003

Entries: 1801

Mean: -0.0309 +/- 0.0005

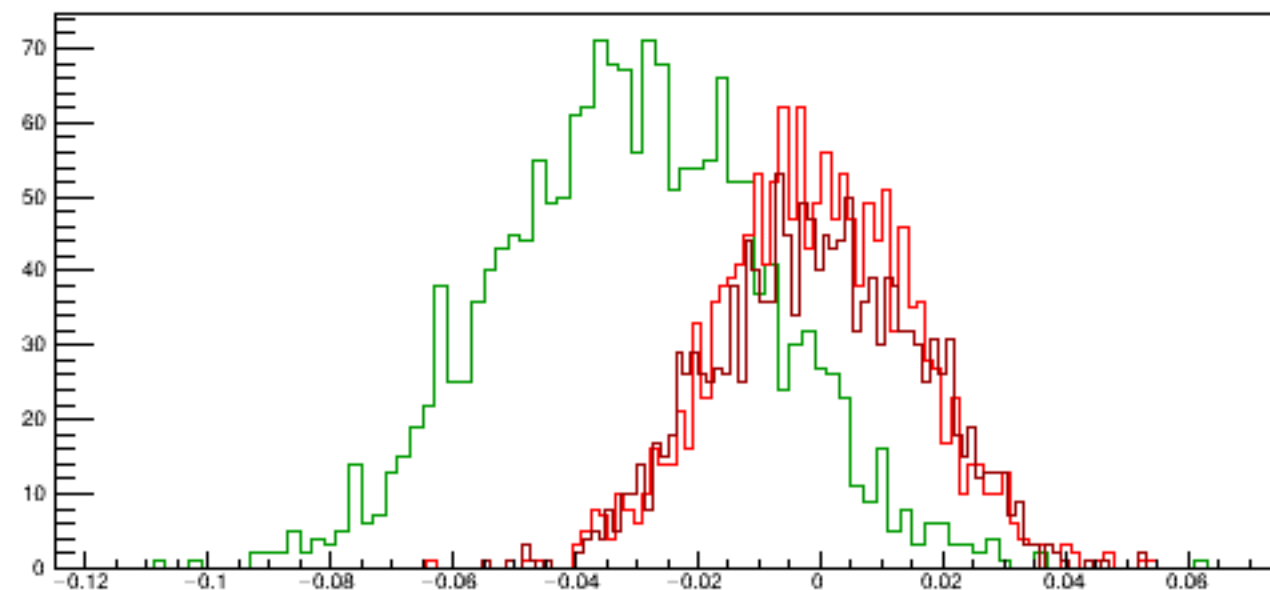
Std Dev: 0.0218 +/- 0.0004

Entries: 1540

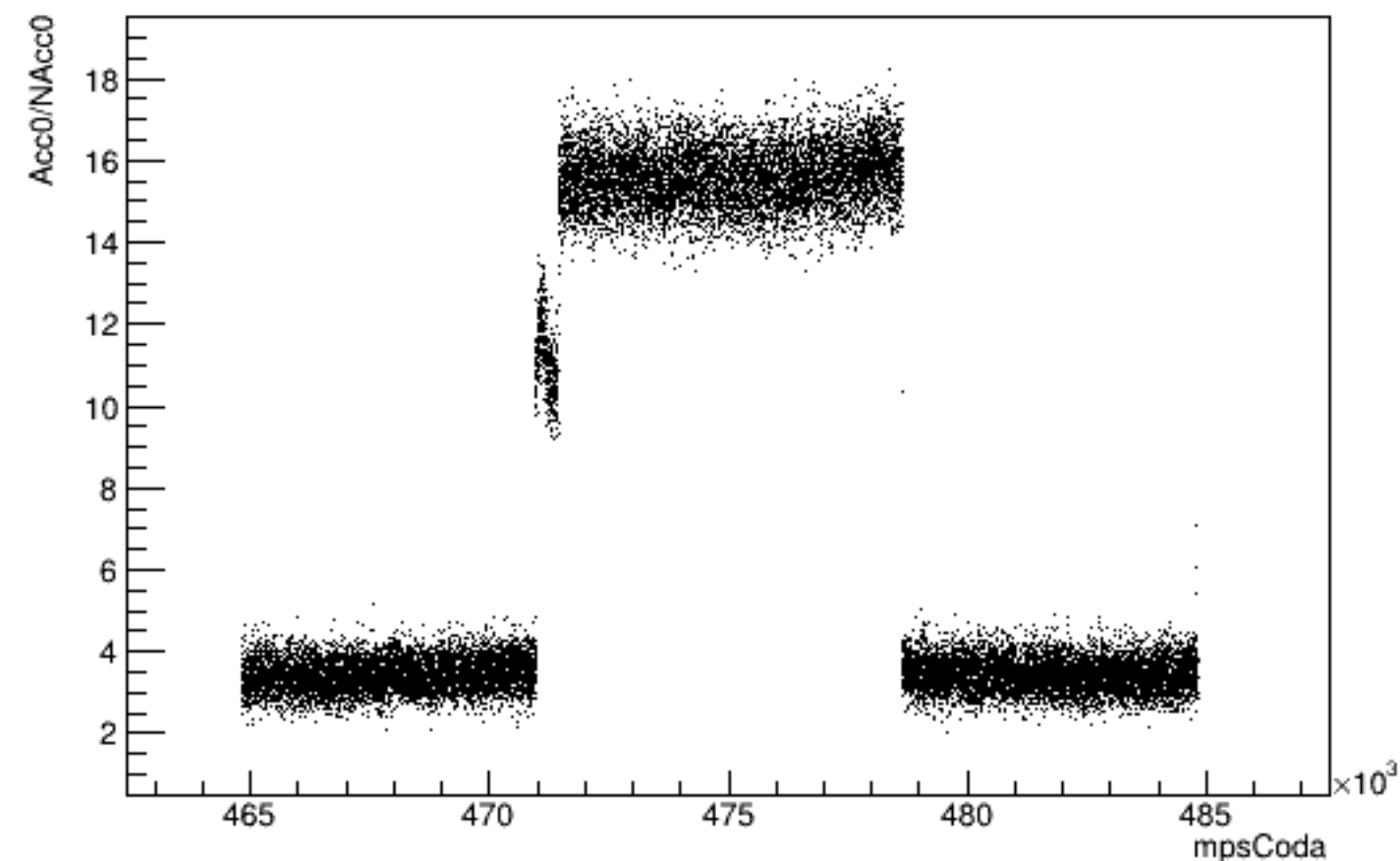
Mean: -0.0007 +/- 0.0004

Std Dev: 0.0165 +/- 0.0003

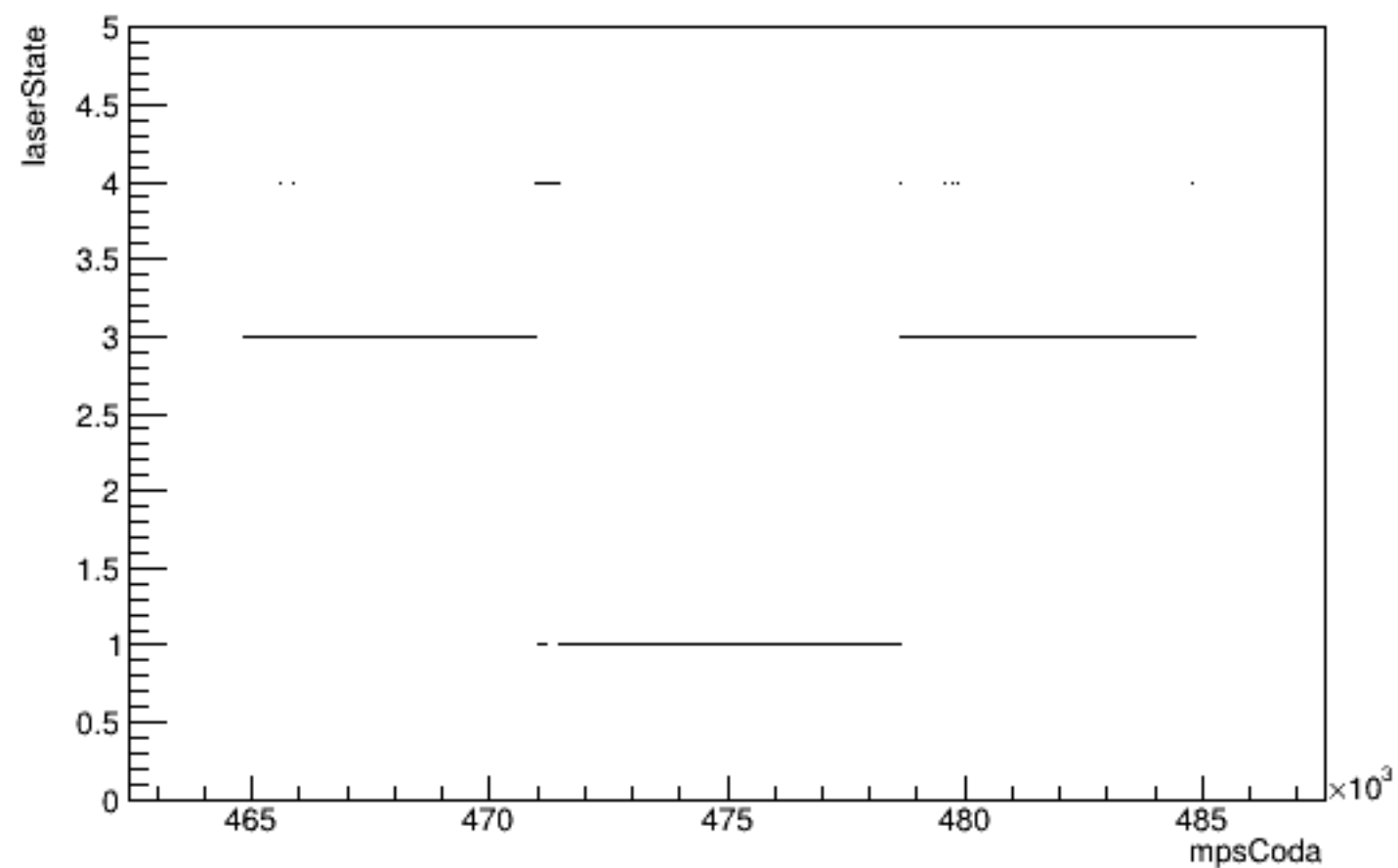
Run 6090 quartetwise, Asyms



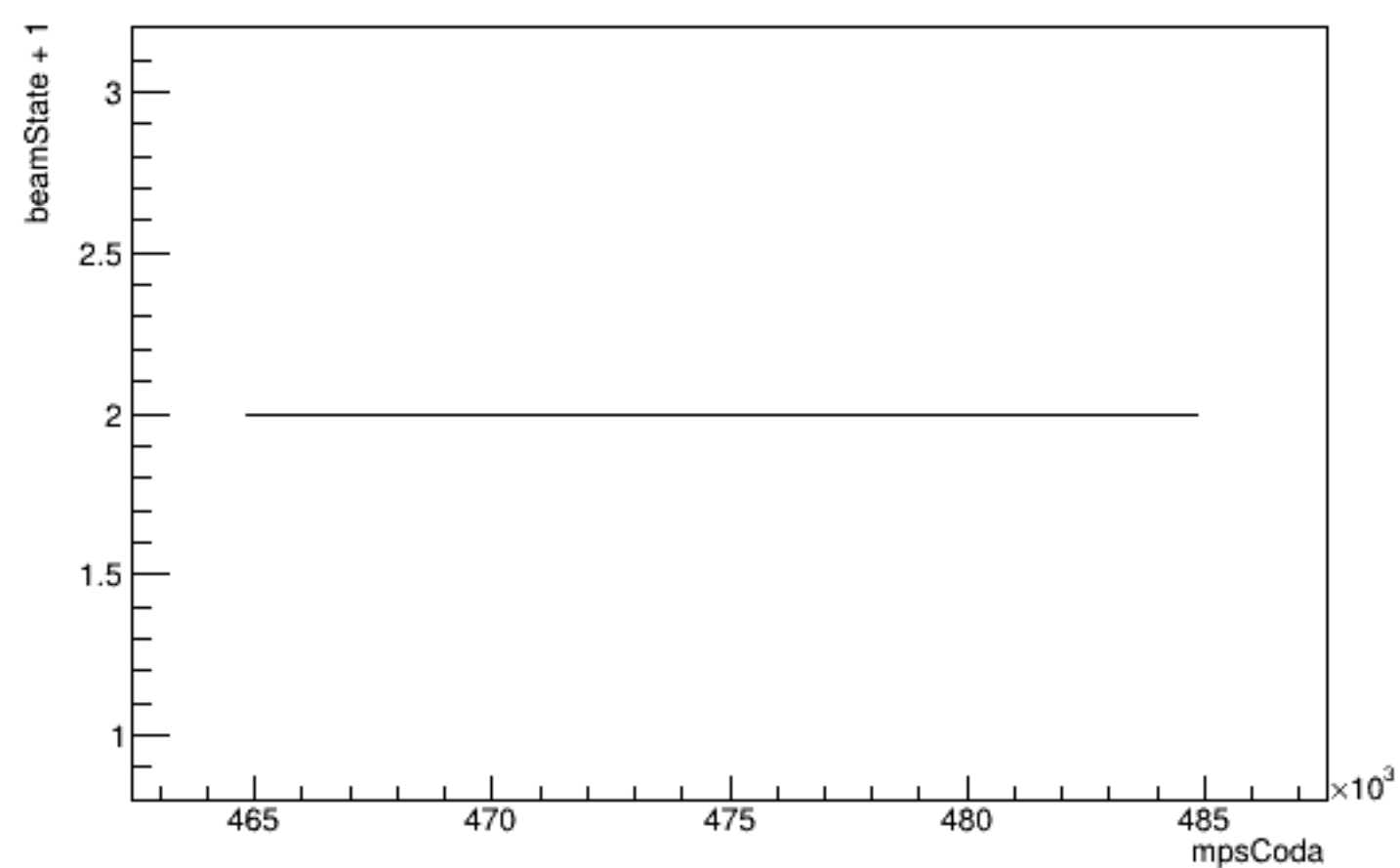
Acc0/NAcc0:mpsCoda (mpsCoda>=464812 && mpsCoda<=484827 && beamState==1)



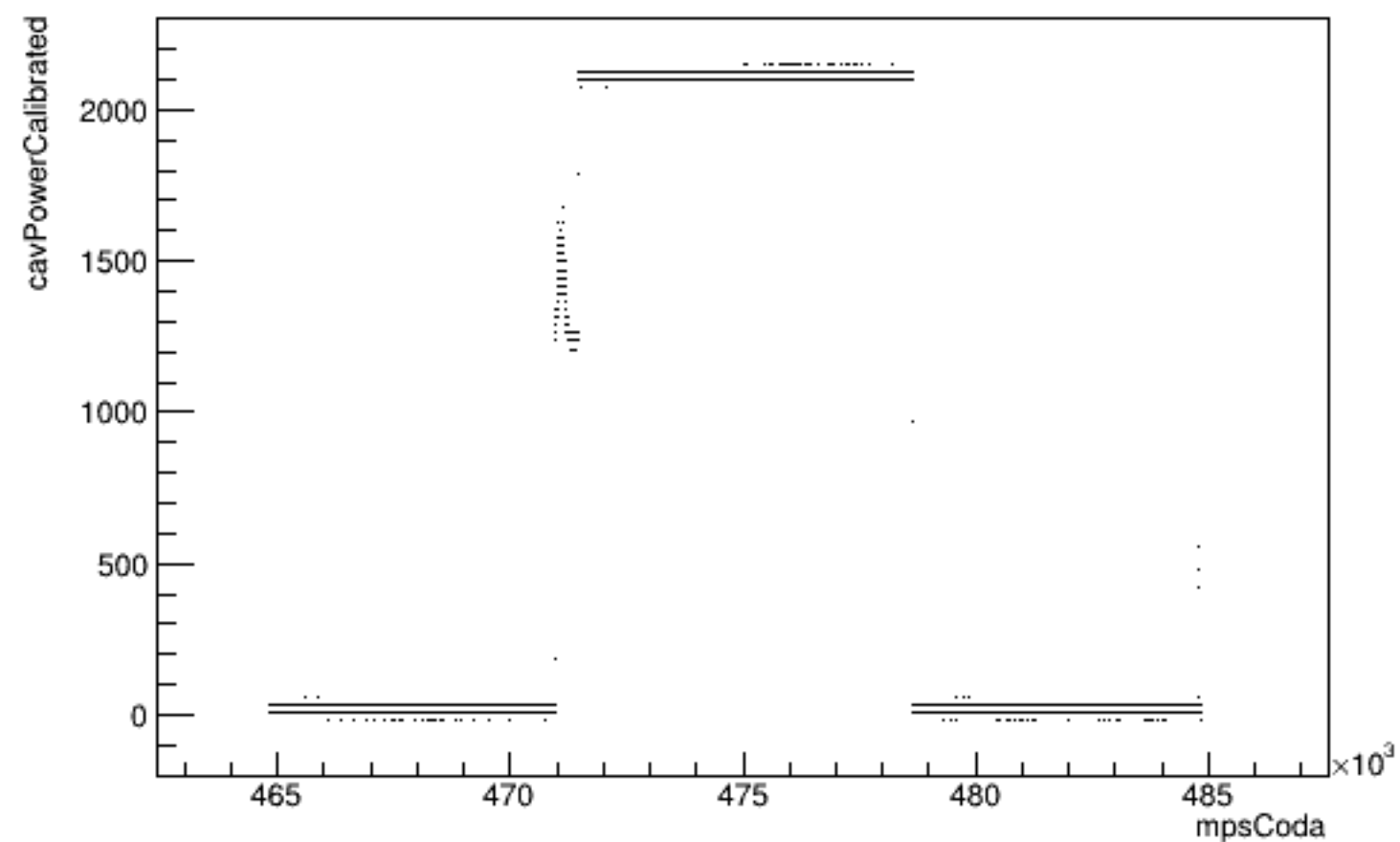
laserState:mpsCoda {mpsCoda>=464812 && mpsCoda<=484827}



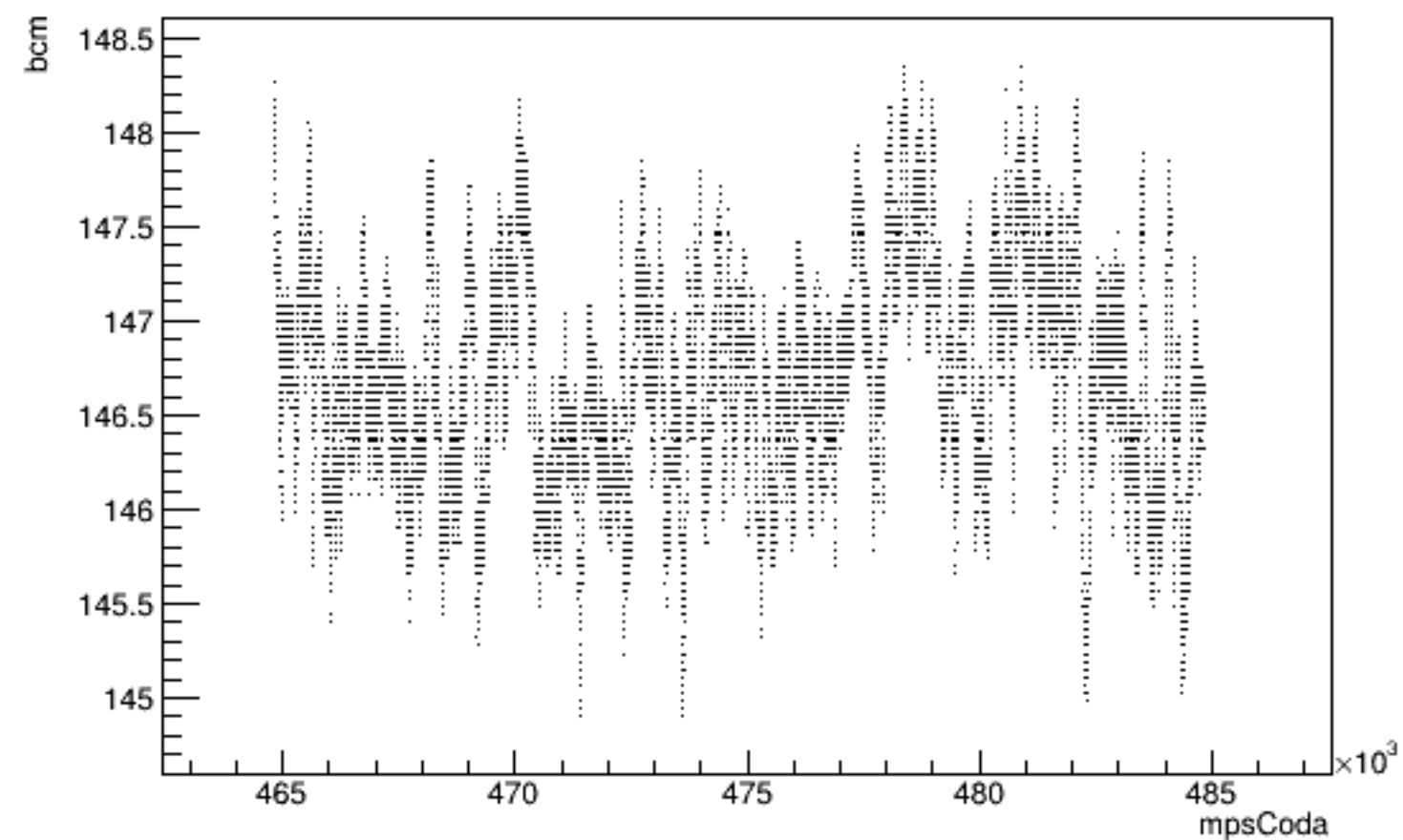
beamState + 1:mpsCoda {mpsCoda>=464812 && mpsCoda<=484827}



cavPowerCalibrated:mpsCoda {mpsCoda>=464812 && mpsCoda<=484827}



bcm:mpsCoda {mpsCoda>=464812 && mpsCoda<=484827}



Cycle 20, Diffs

Entries: 1558

Mean: -0.0064 +/- 0.0098

Std Dev: 0.3865 +/- 0.0069

Entries: 1051

Mean: -0.7632 +/- 0.0164

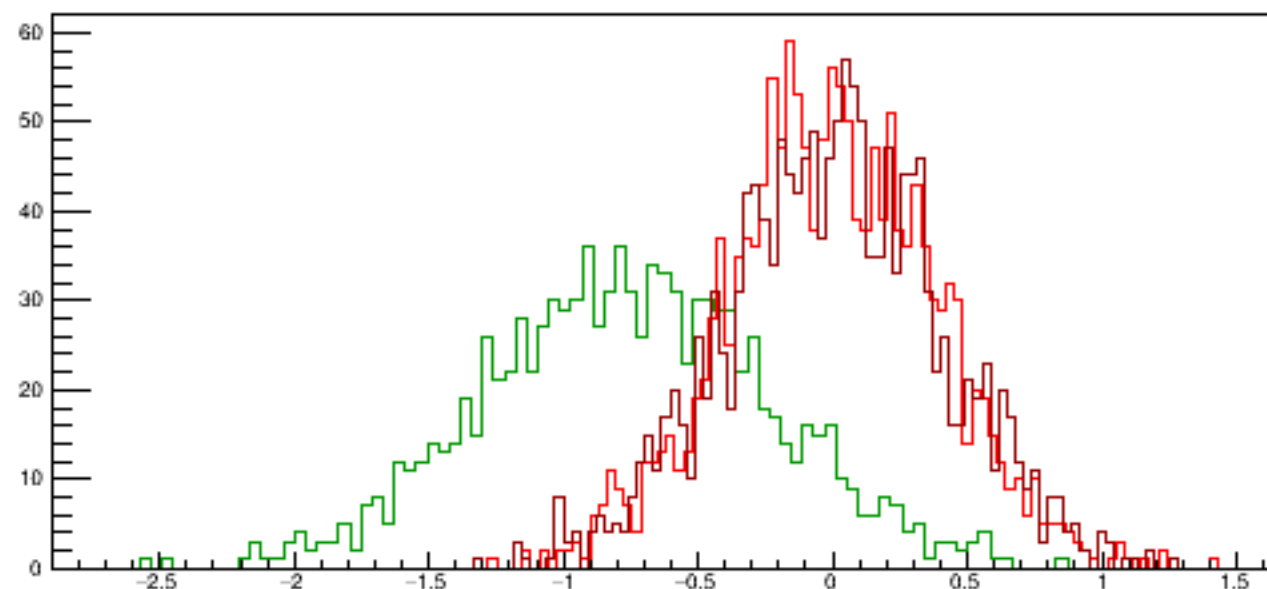
Std Dev: 0.5303 +/- 0.0116

Entries: 1563

Mean: 0.0039 +/- 0.0102

Std Dev: 0.4022 +/- 0.0072

Run 6090 quartetwise, Diffs



Cycle 20, Sums

Entries: 1558

Mean: 7.0926 +/- 0.0107

Std Dev: 0.4209 +/- 0.0075

Entries: 1051

Mean: 31.4676 +/- 0.0351

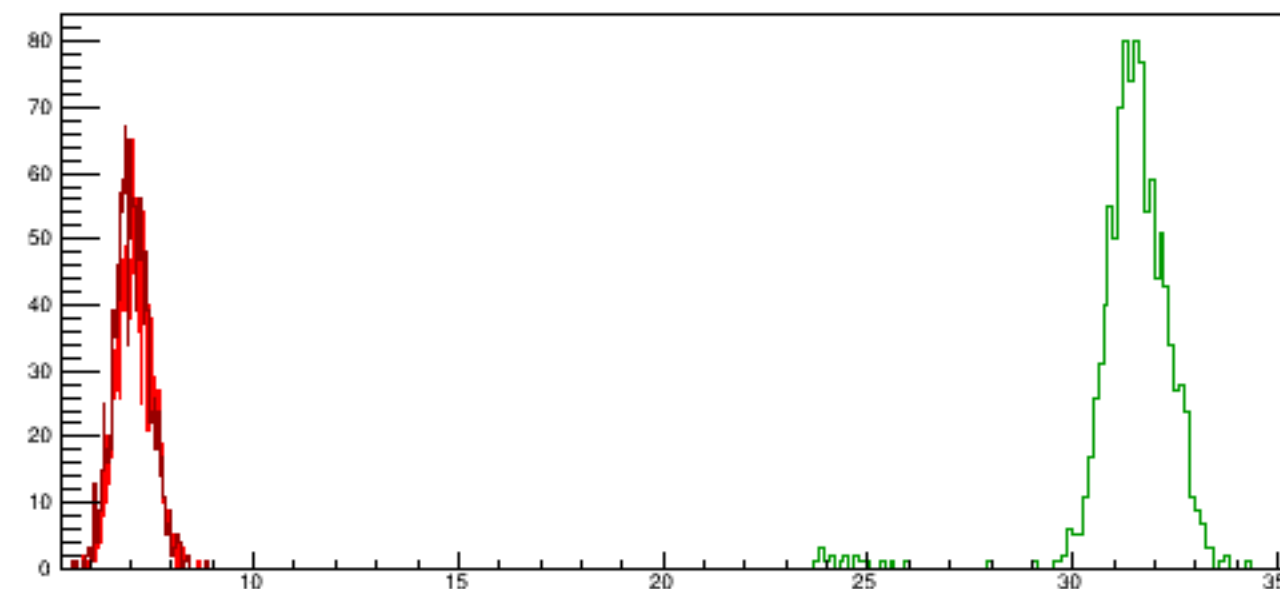
Std Dev: 1.1364 +/- 0.0248

Entries: 1563

Mean: 7.0396 +/- 0.0109

Std Dev: 0.4318 +/- 0.0077

Run 6090 quartetwise, Sums



Cycle 20, Asyms

Entries: 1558

Mean: -0.0003 +/- 0.0004

Std Dev: 0.0158 +/- 0.0003

Entries: 1051

Mean: -0.0313 +/- 0.0007

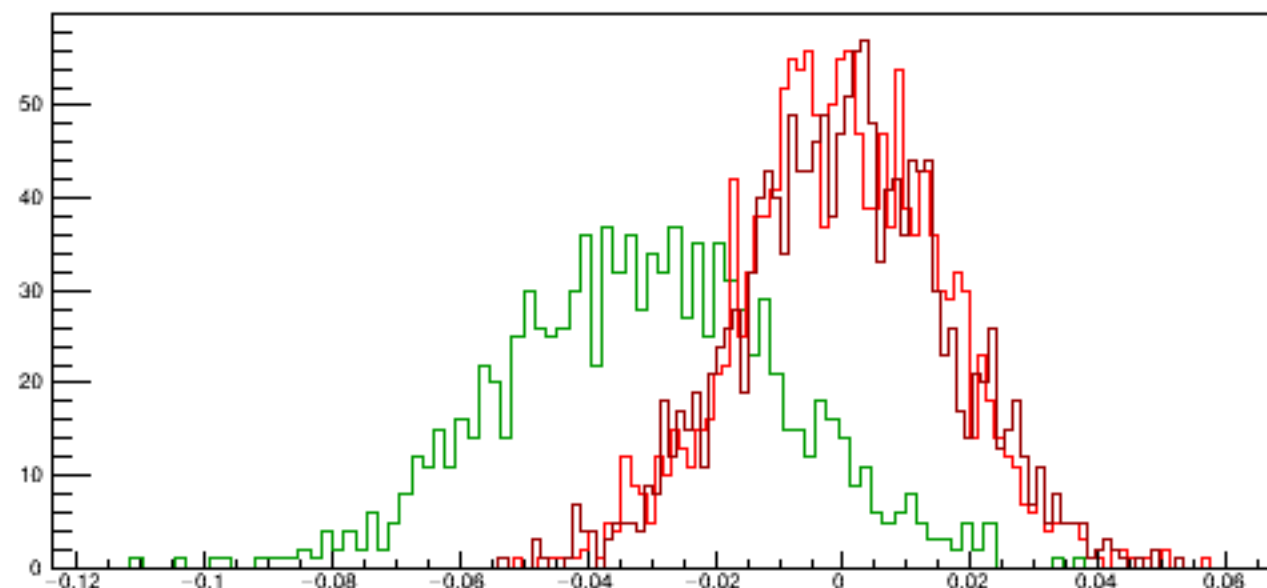
Std Dev: 0.0219 +/- 0.0005

Entries: 1563

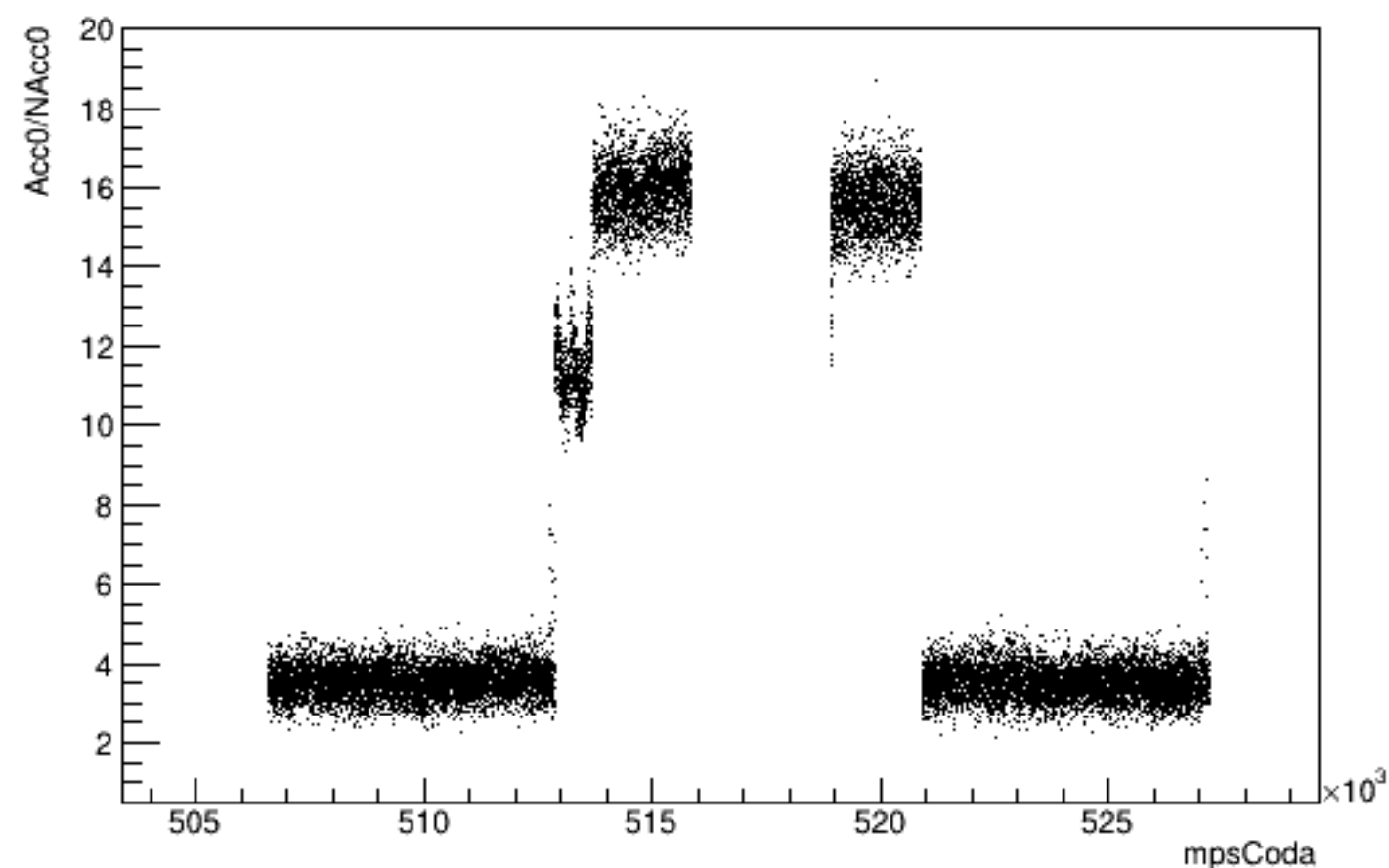
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0165 +/- 0.0003

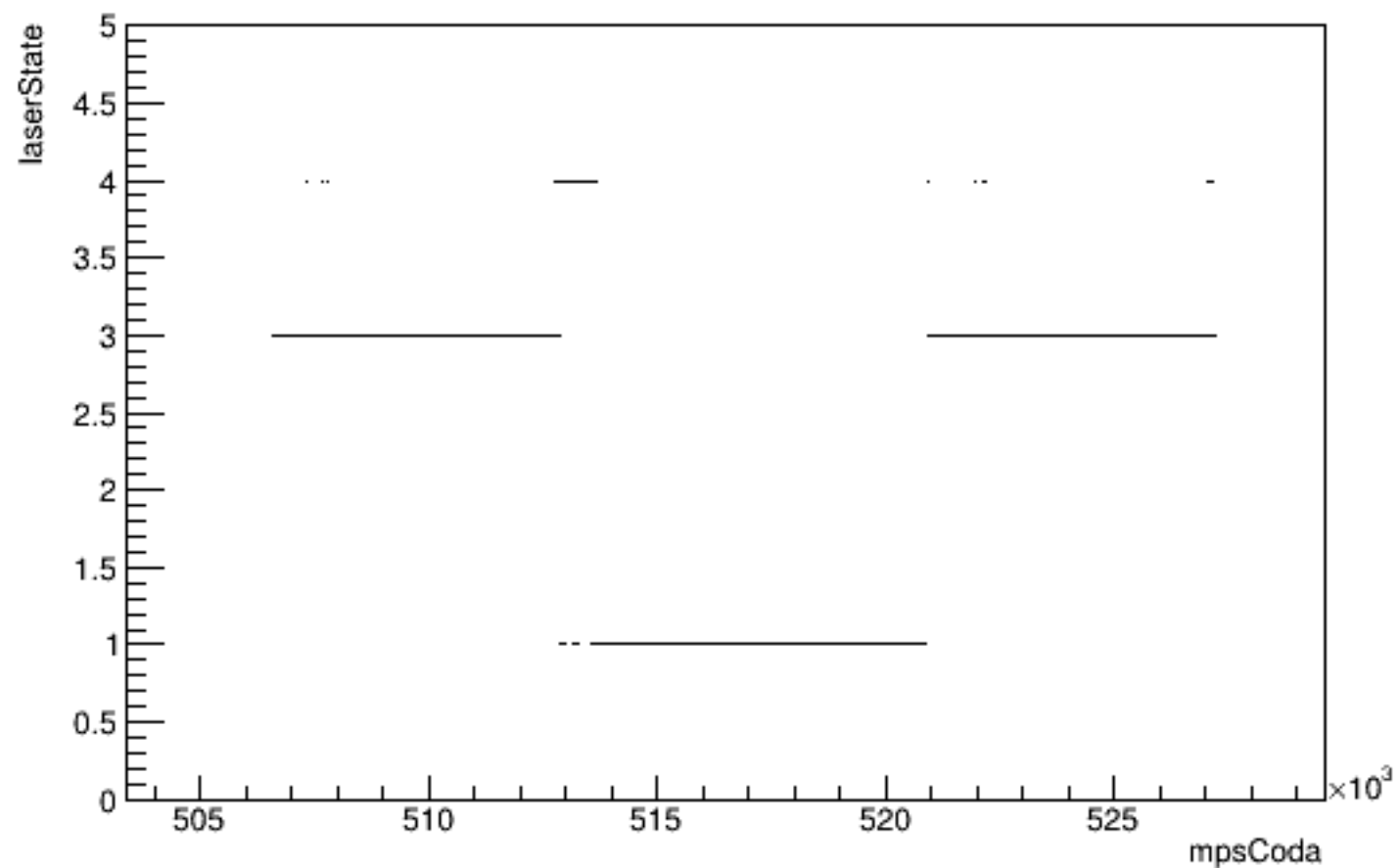
Run 6090 quartetwise, Asyms



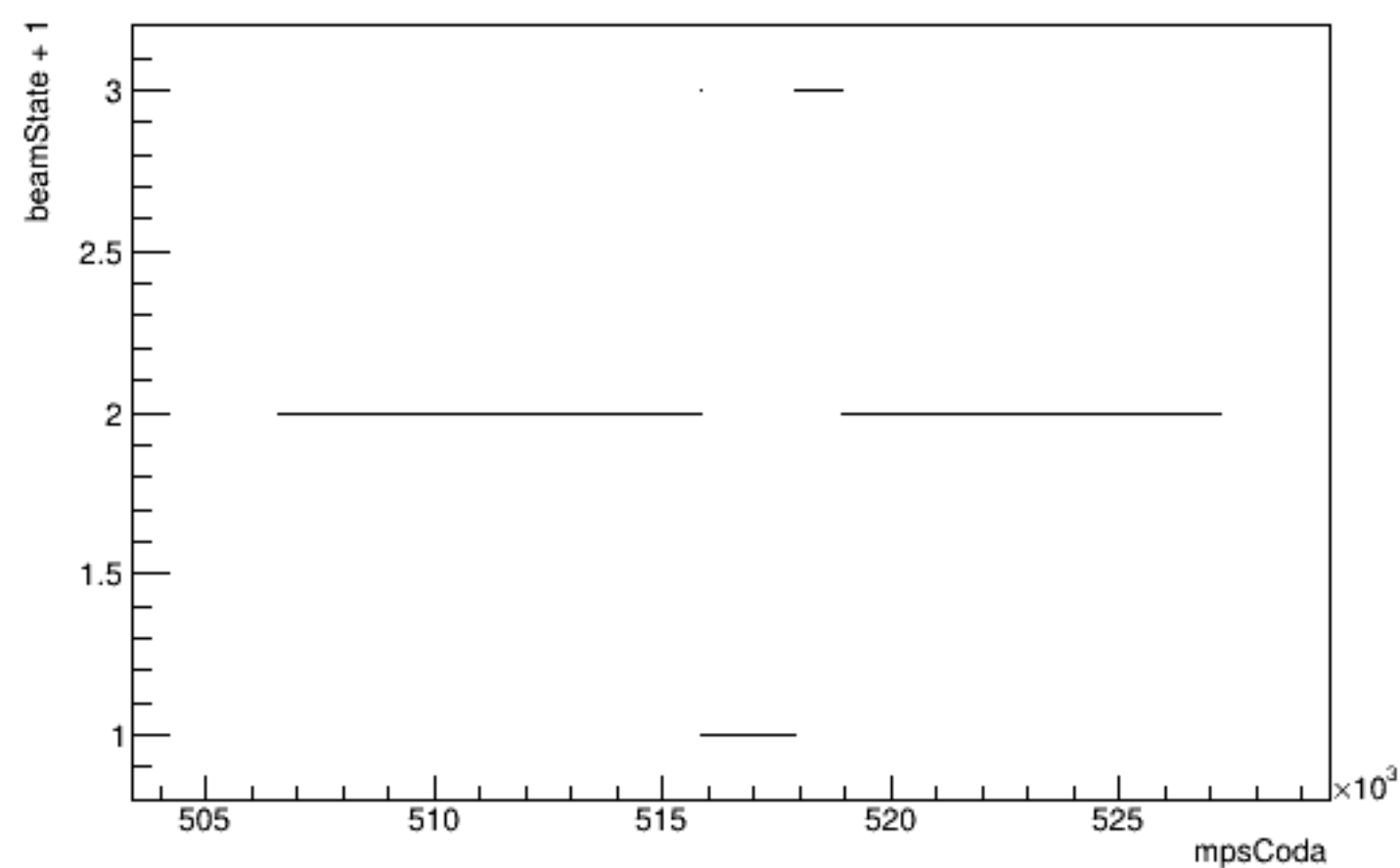
Acc0/NAcc0:mpsCoda (mpsCoda>=506576 && mpsCoda<=527207 && beamState==1)



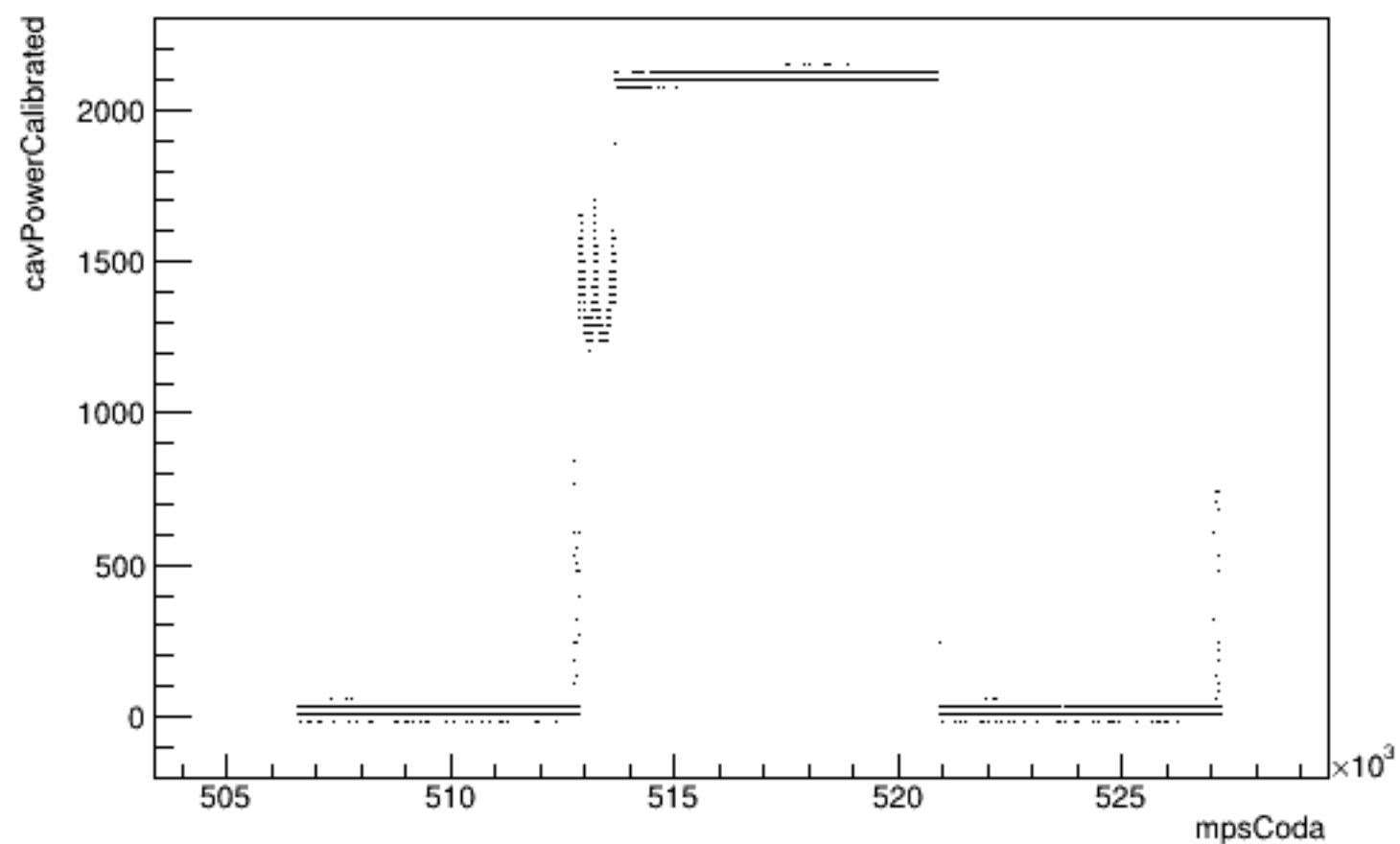
laserState:mpsCoda {mpsCoda>=506576 && mpsCoda<=527207}



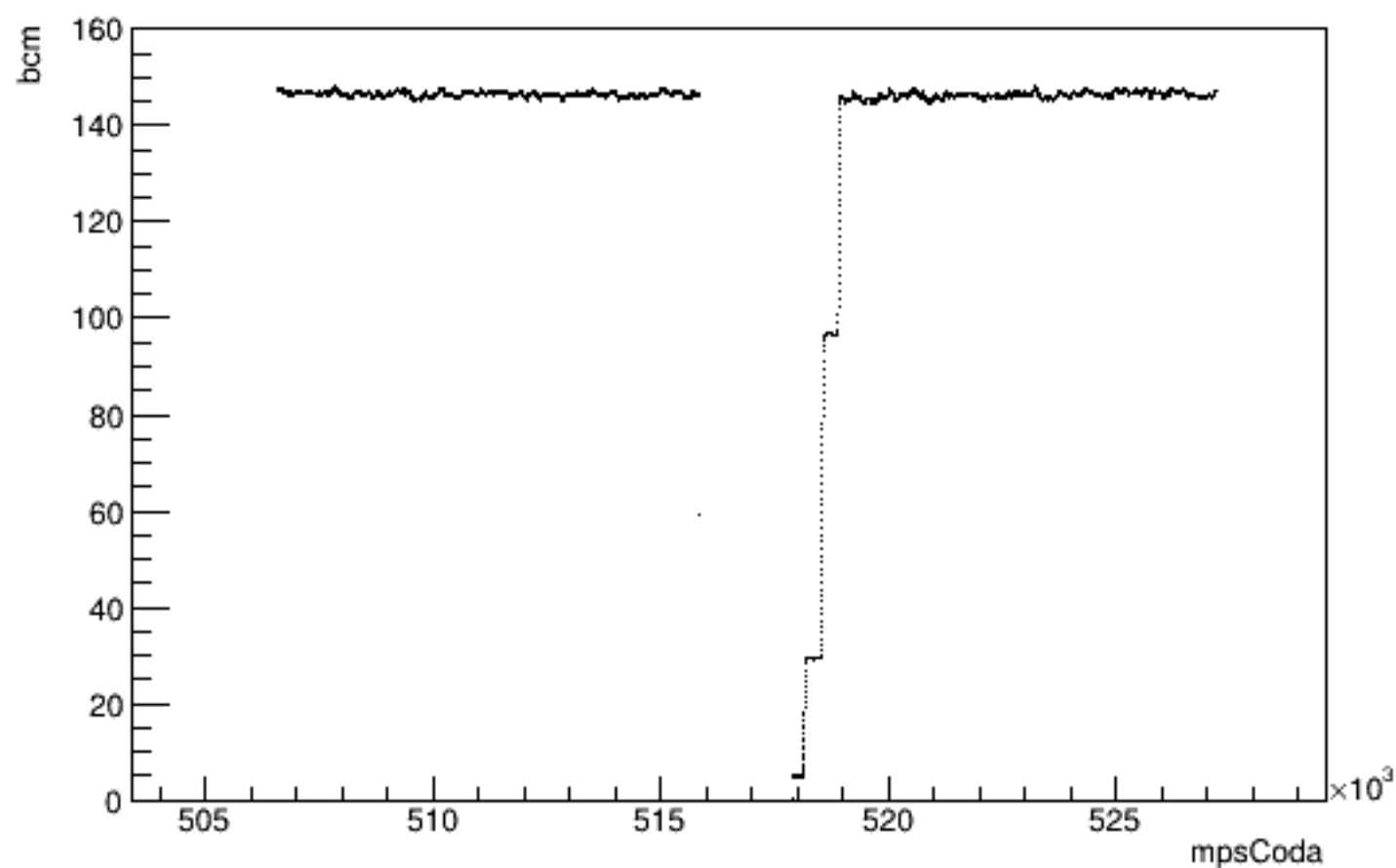
beamState + 1:mpsCoda {mpsCoda>=506576 && mpsCoda<=527207}



cavPowerCalibrated:mpsCoda {mpsCoda>=506576 && mpsCoda<=527207}



bcm:mpsCoda {mpsCoda>=506576 && mpsCoda<=527207}



Cycle 21, Diffs

Entries: 1563

Mean: 0.0039 +/- 0.0102

Std Dev: 0.4022 +/- 0.0072

Entries: 1801

Mean: -0.7674 +/- 0.0125

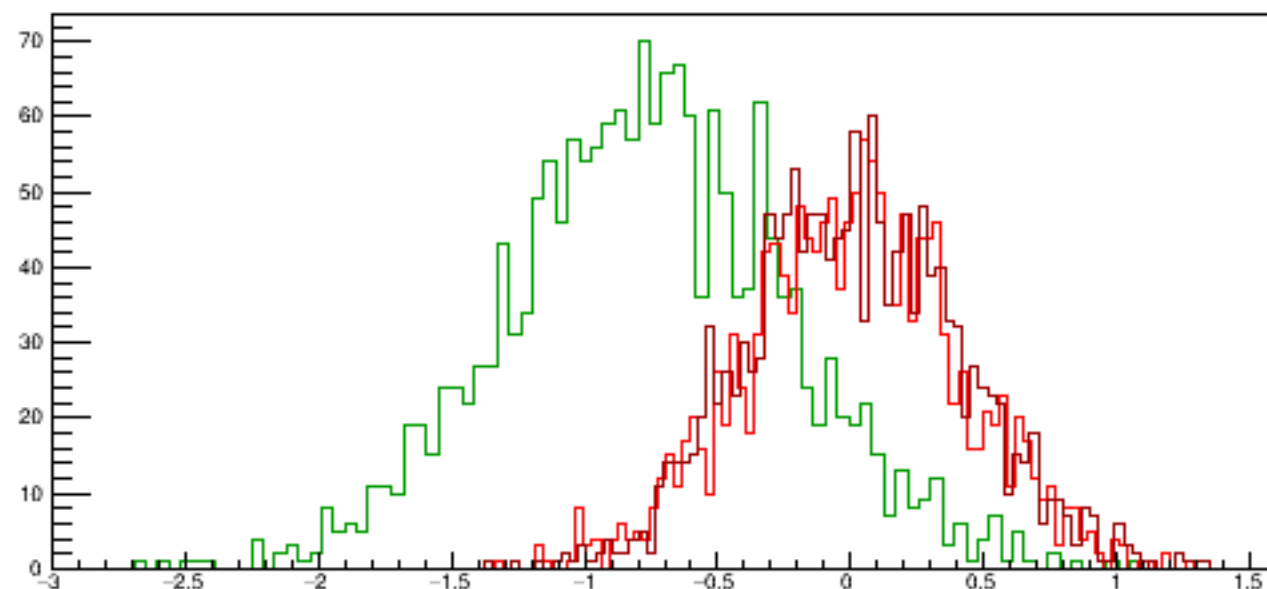
Std Dev: 0.5293 +/- 0.0088

Entries: 1552

Mean: 0.0136 +/- 0.0102

Std Dev: 0.4019 +/- 0.0072

Run 6090 quartetwise, Diffs



Cycle 21, Sums

Entries: 1563

Mean: 7.0396 +/- 0.0109

Std Dev: 0.4318 +/- 0.0077

Entries: 1801

Mean: 31.6106 +/- 0.0146

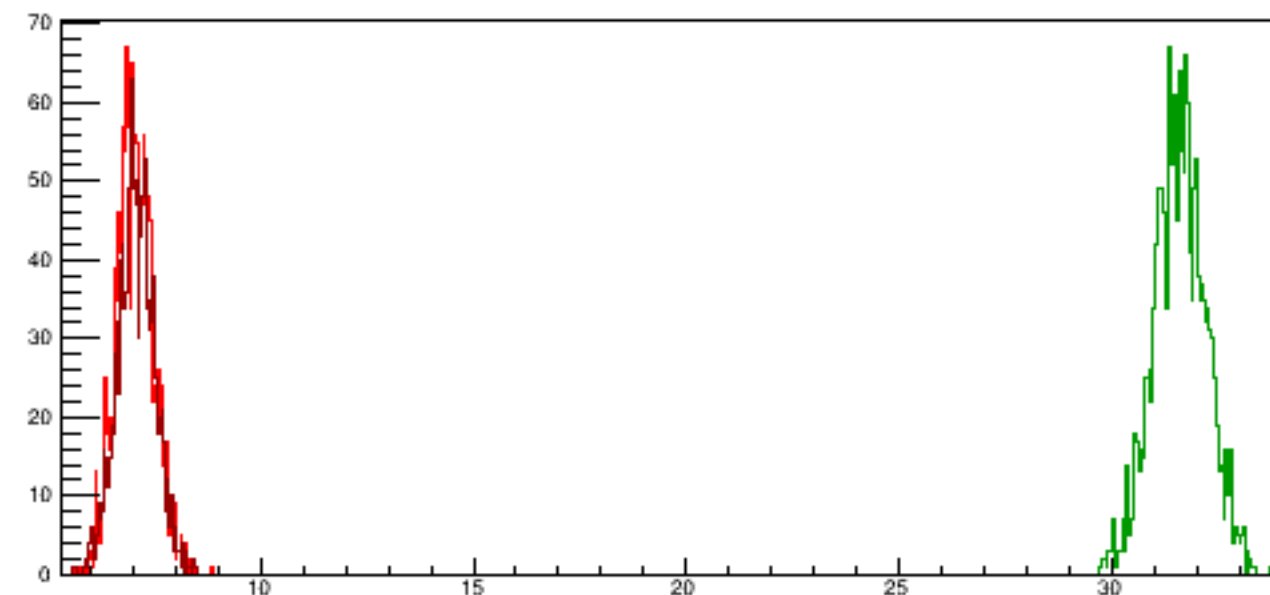
Std Dev: 0.6201 +/- 0.0103

Entries: 1552

Mean: 7.0578 +/- 0.0111

Std Dev: 0.4363 +/- 0.0078

Run 6090 quartetwise, Sums



Cycle 21, Asyms

Entries: 1563

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0164 +/- 0.0003

Entries: 1801

Mean: -0.0312 +/- 0.0005

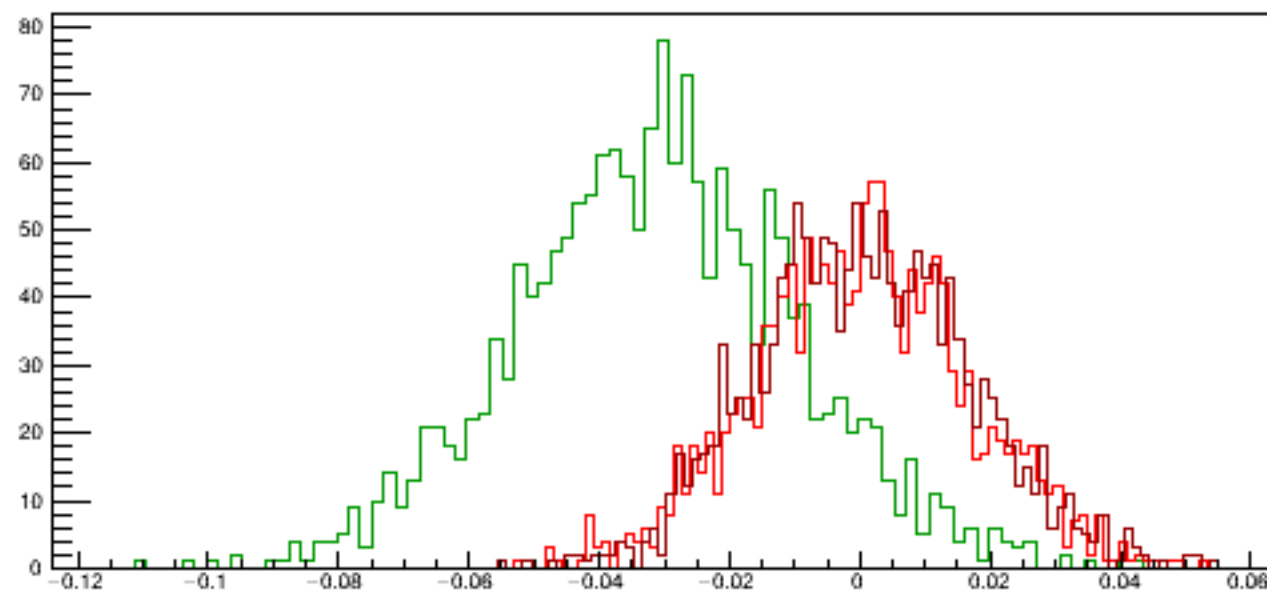
Std Dev: 0.0215 +/- 0.0004

Entries: 1552

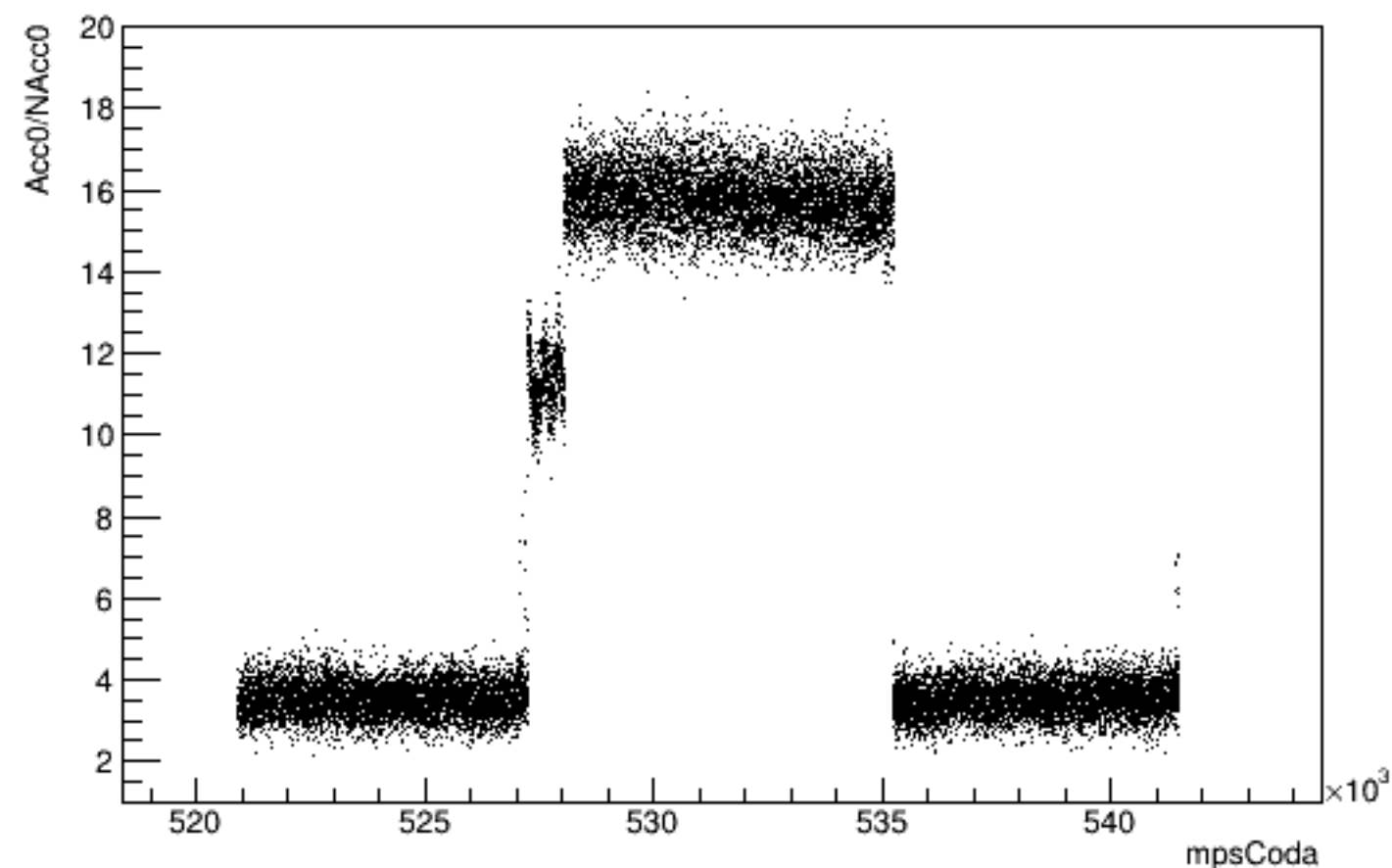
Mean: 0.0006 +/- 0.0004

Std Dev: 0.0164 +/- 0.0003

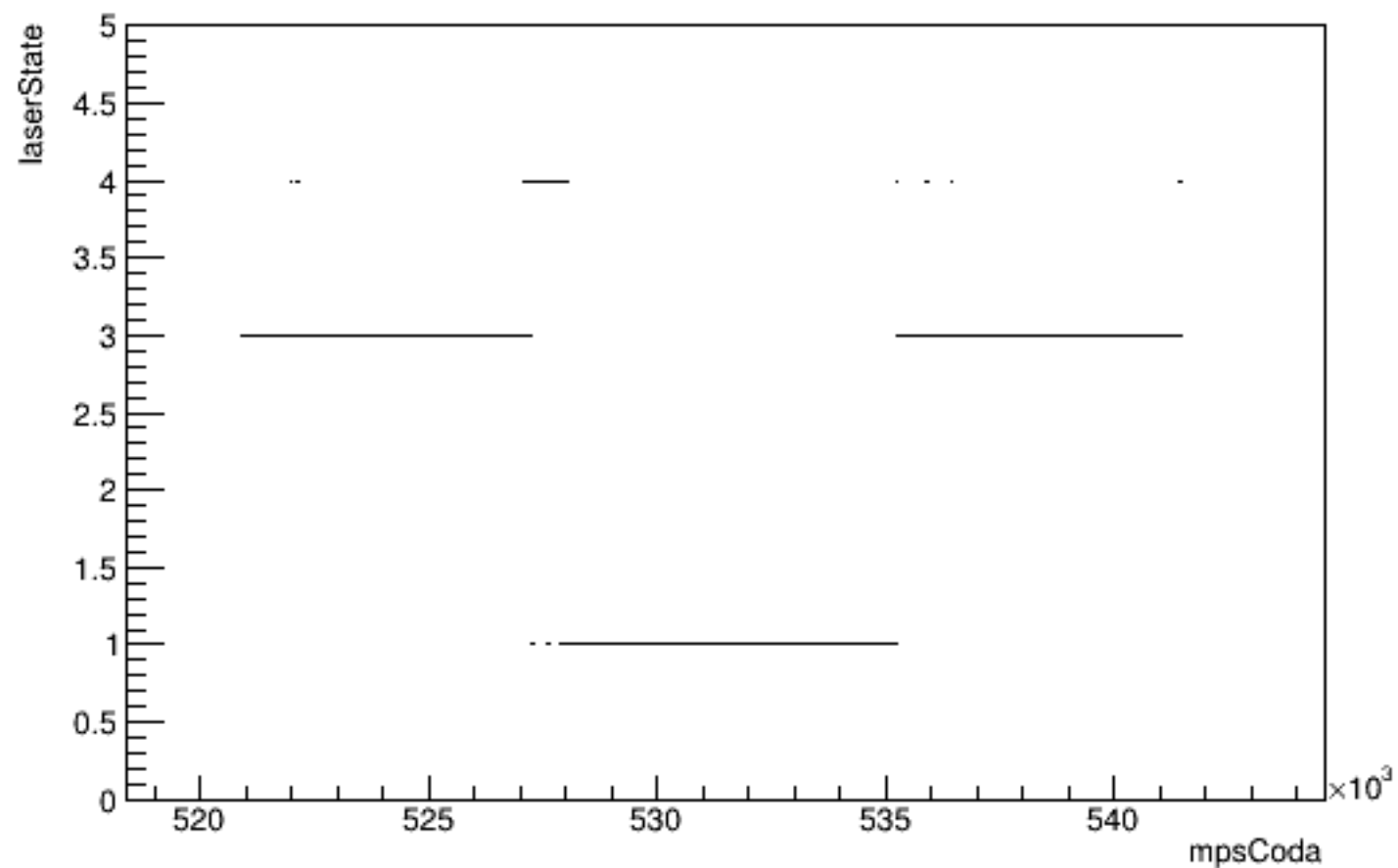
Run 6090 quartetwise, Asyms



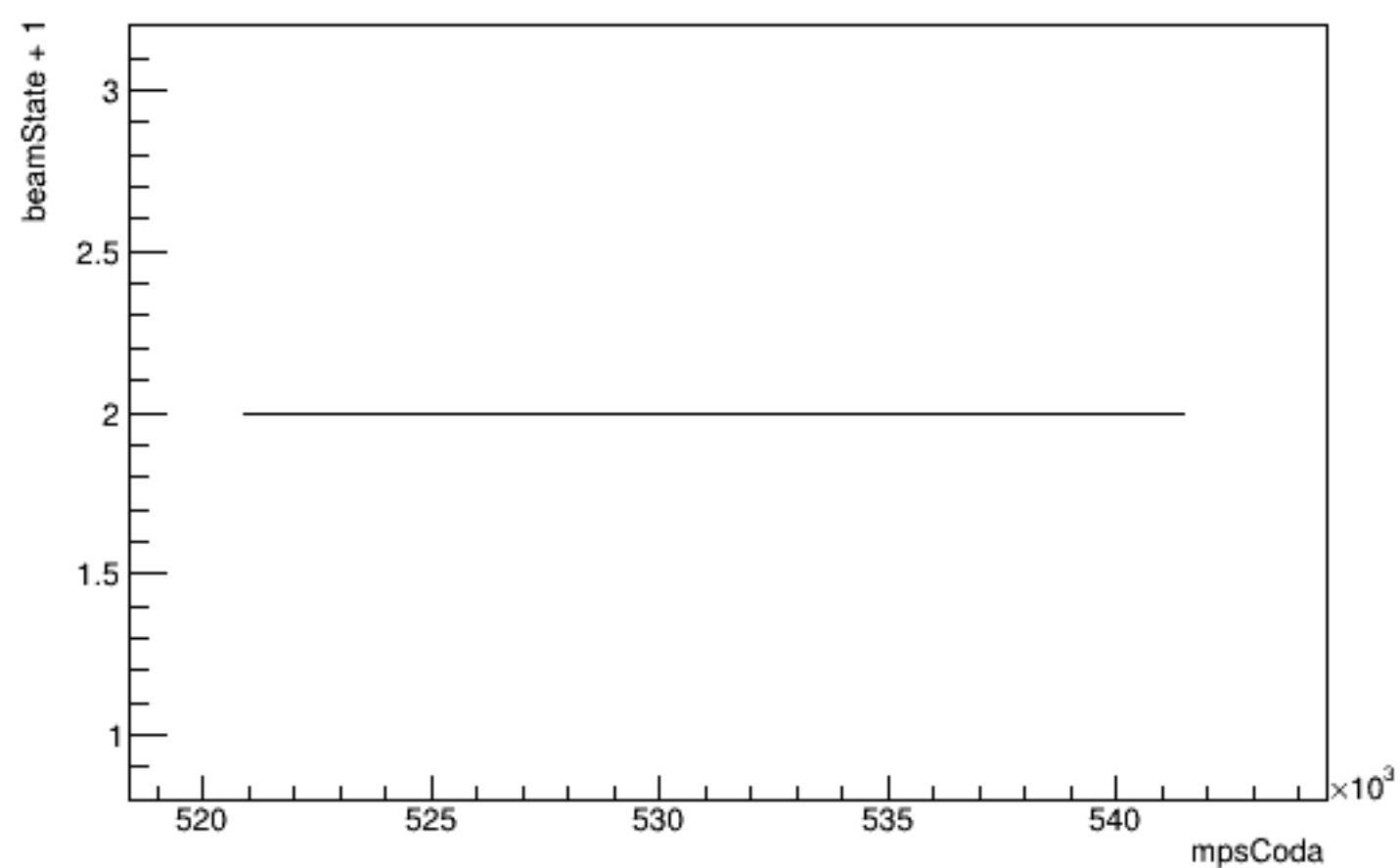
Acc0/NAcc0:mpsCoda (mpsCoda>=520904 && mpsCoda<=541499 && beamState==1)



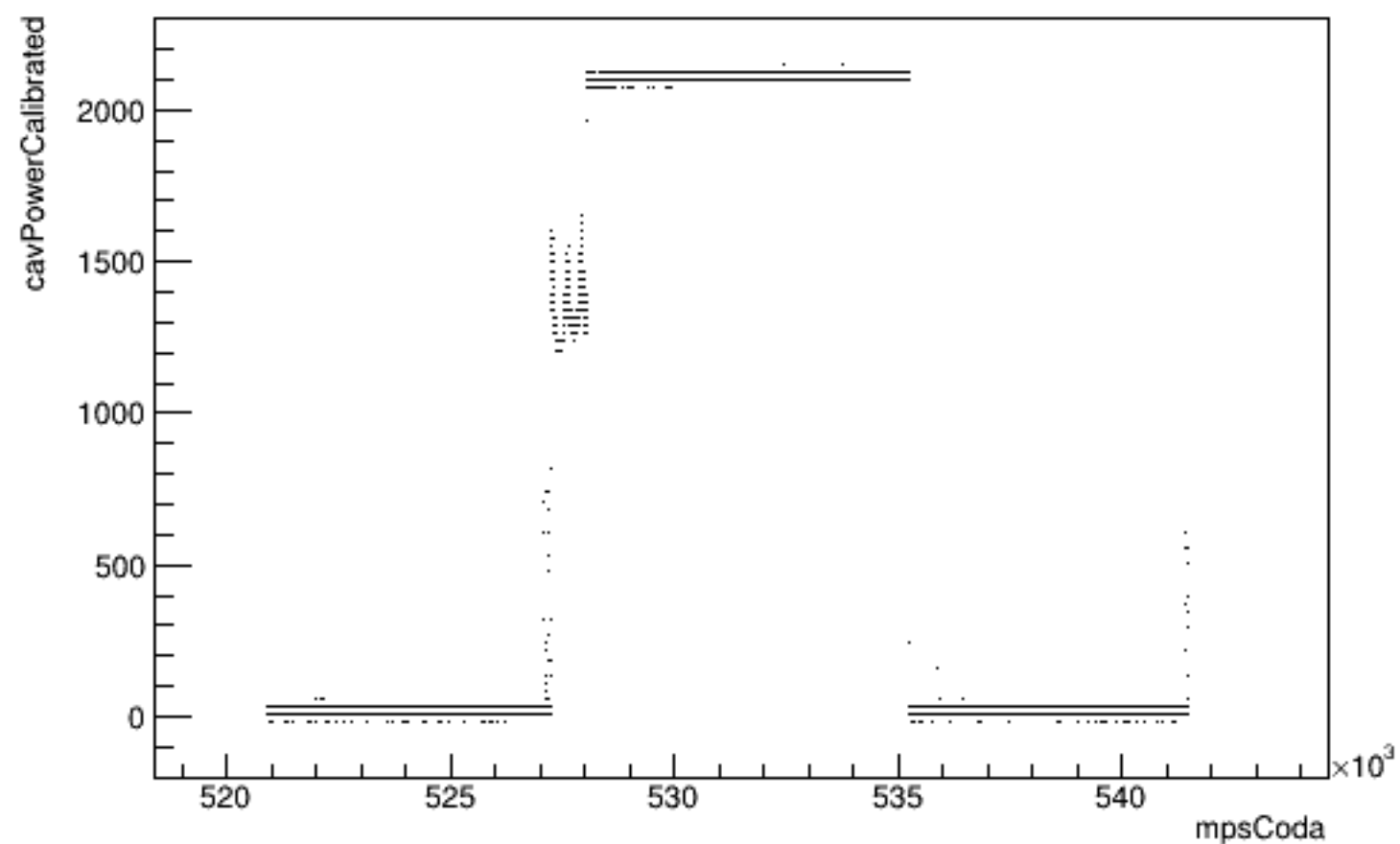
laserState:mpsCoda {mpsCoda>=520904 && mpsCoda<=541499}



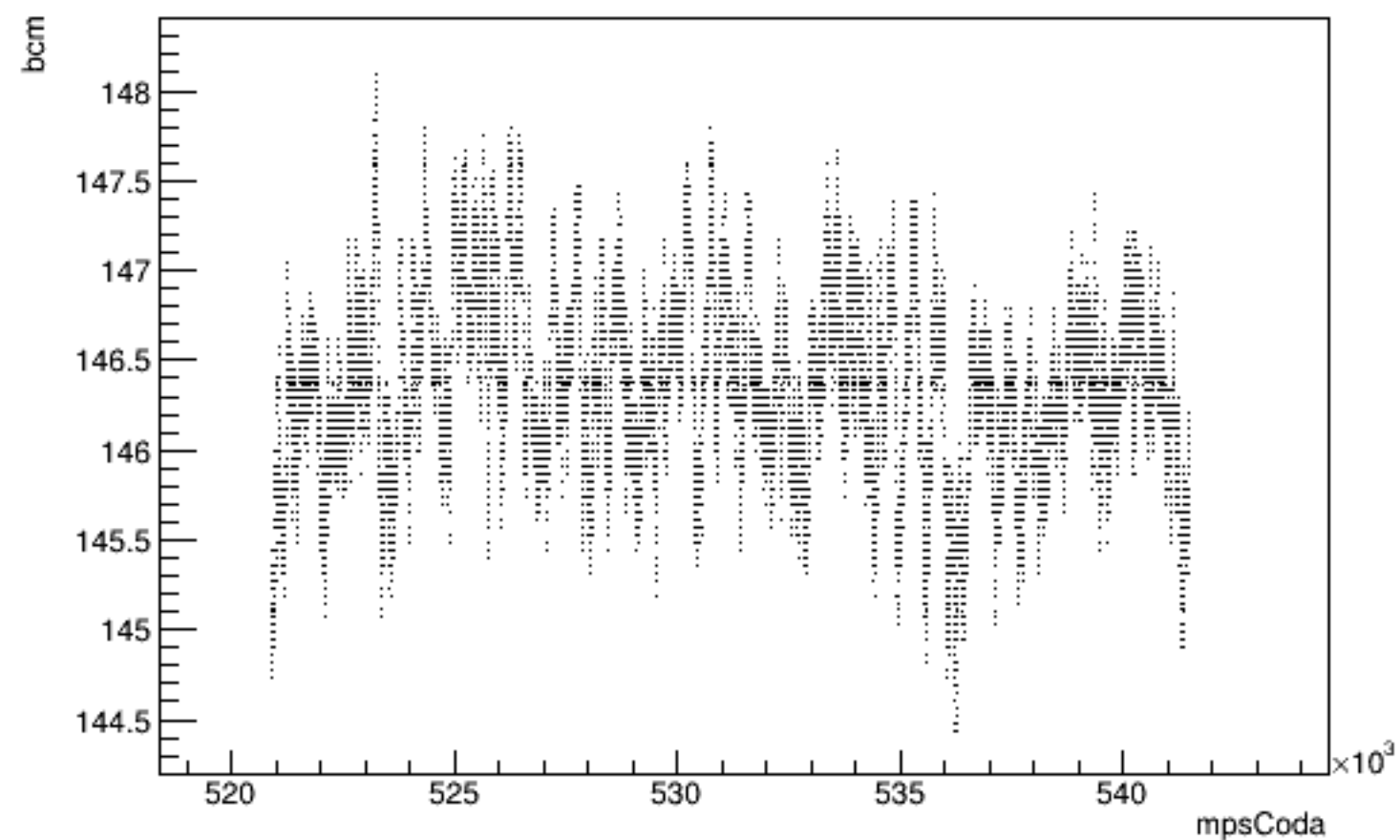
beamState + 1:mpsCoda {mpsCoda>=520904 && mpsCoda<=541499}



cavPowerCalibrated:mpsCoda {mpsCoda>=520904 && mpsCoda<=541499}



bcm:mpsCoda {mpsCoda>=520904 && mpsCoda<=541499}



Cycle 22, Diffs

Entries: 1552

Mean: 0.0136 +/- 0.0102

Std Dev: 0.4019 +/- 0.0072

Entries: 1803

Mean: -0.7998 +/- 0.0127

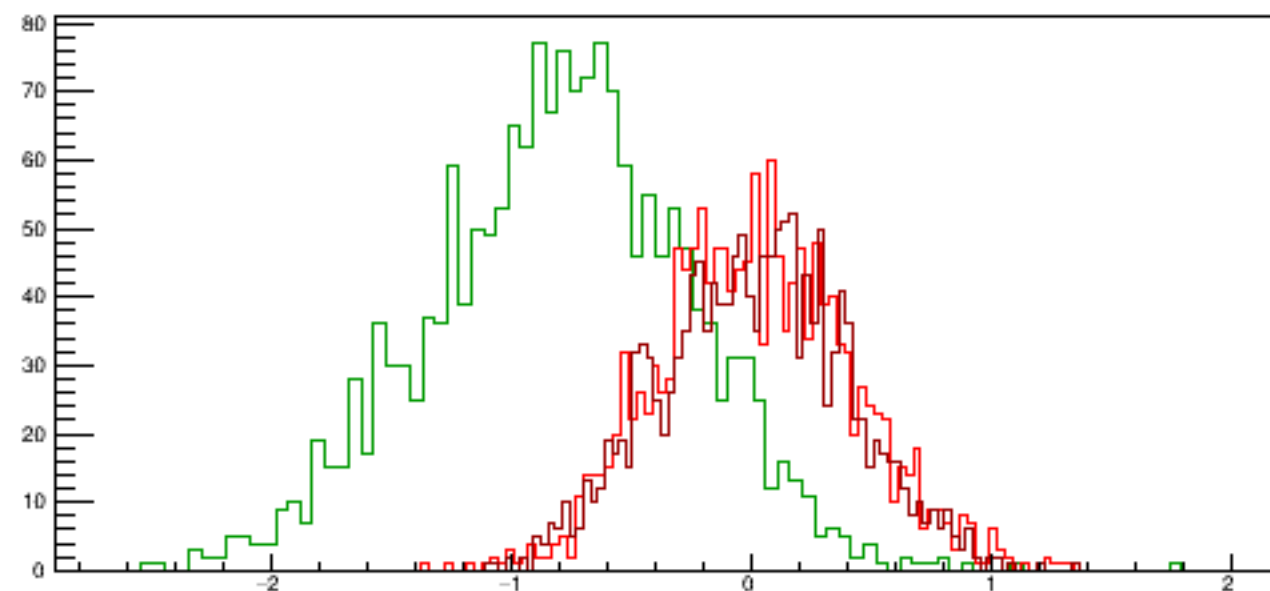
Std Dev: 0.5387 +/- 0.0090

Entries: 1549

Mean: 0.0072 +/- 0.0098

Std Dev: 0.3869 +/- 0.0070

Run 6090 quartetwise, Diffs



Cycle 22, Sums

Entries: 1552

Mean: 7.0578 +/- 0.0111

Std Dev: 0.4363 +/- 0.0078

Entries: 1803

Mean: 32.2299 +/- 0.0185

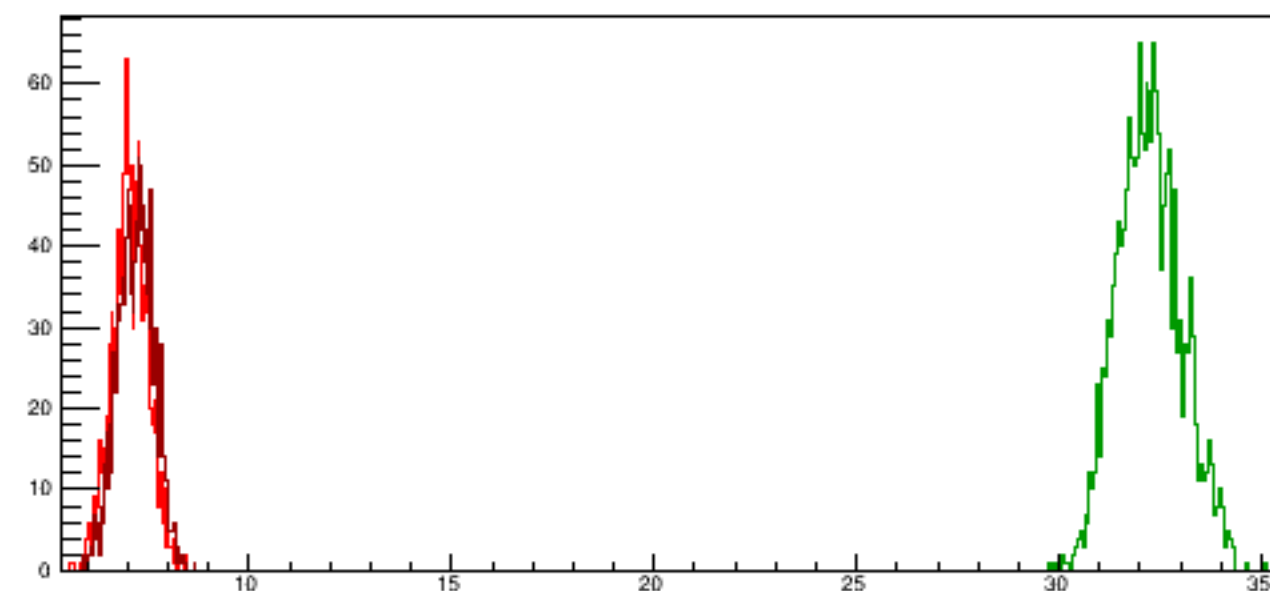
Std Dev: 0.7873 +/- 0.0131

Entries: 1549

Mean: 7.2069 +/- 0.0112

Std Dev: 0.4405 +/- 0.0079

Run 6090 quartetwise, Sums



Cycle 22, Asyms

Entries: 1552

Mean: 0.0005 +/- 0.0004

Std Dev: 0.0160 +/- 0.0003

Entries: 1803

Mean: -0.0319 +/- 0.0005

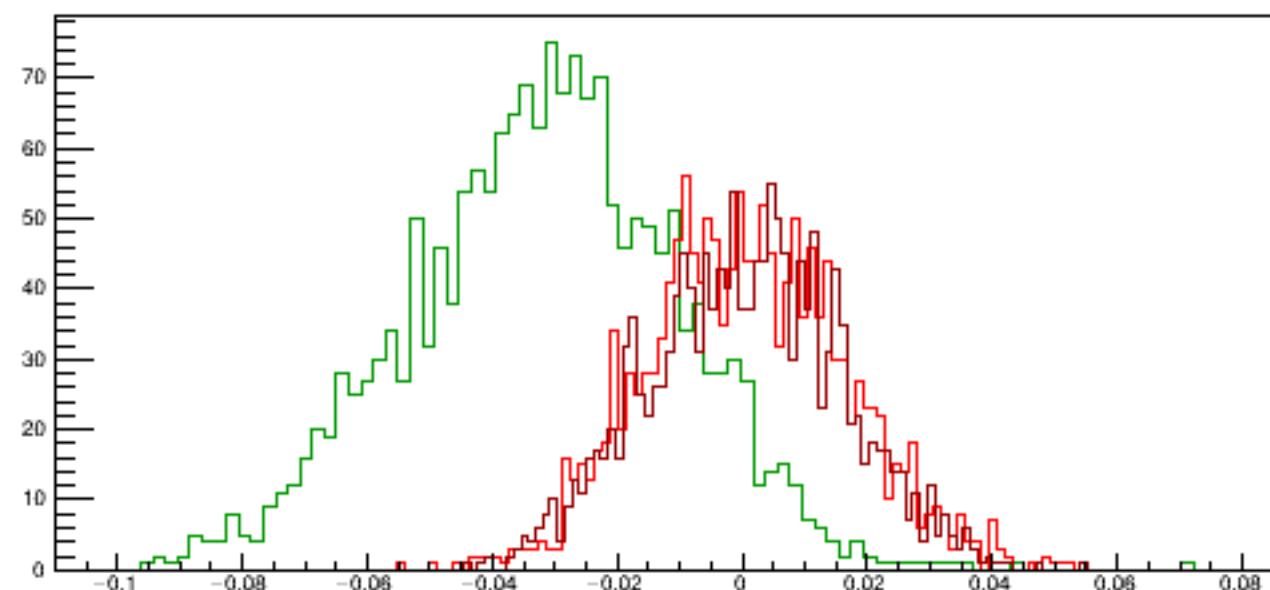
Std Dev: 0.0215 +/- 0.0004

Entries: 1549

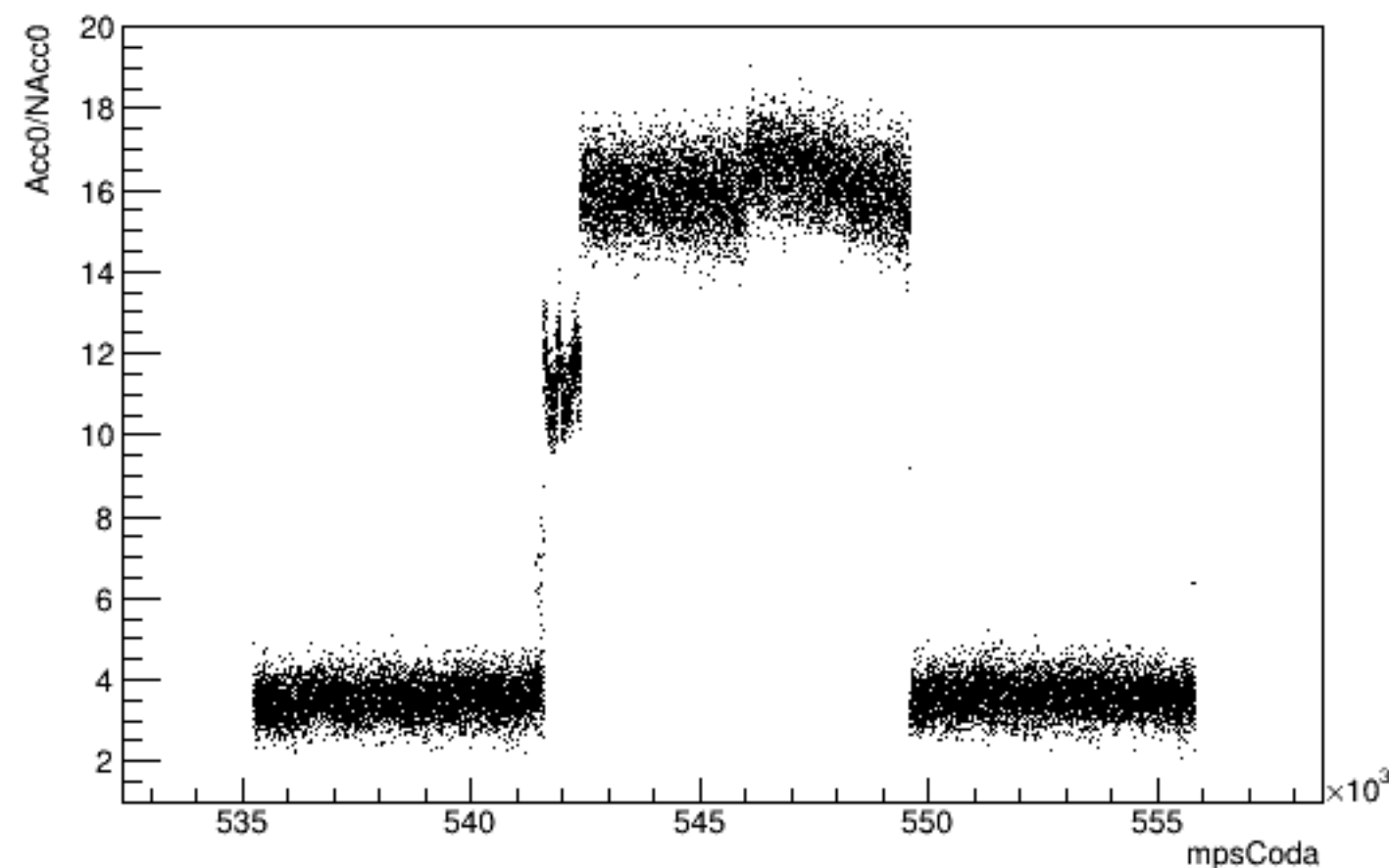
Mean: 0.0003 +/- 0.0004

Std Dev: 0.0154 +/- 0.0003

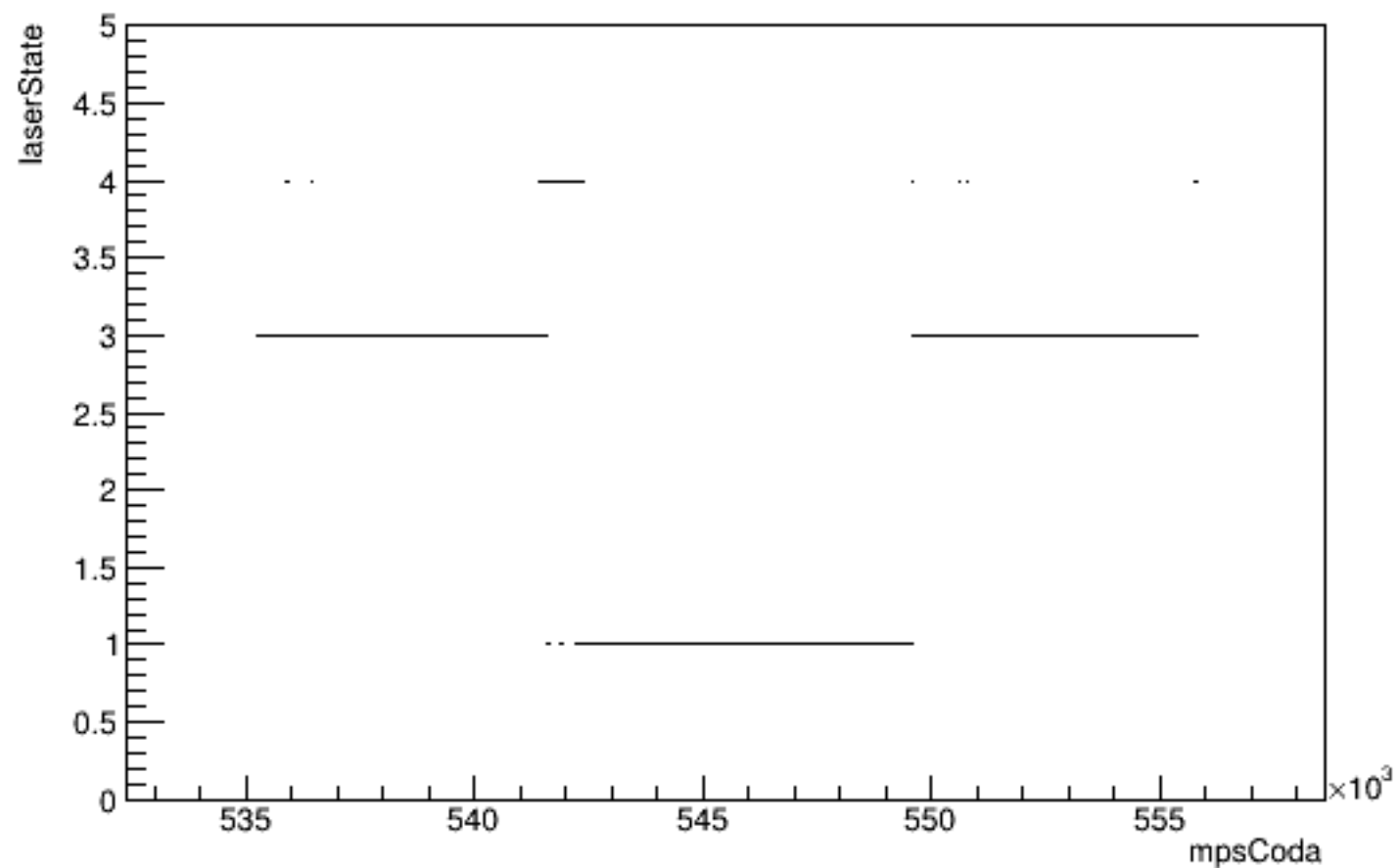
Run 6090 quartetwise, Asyms



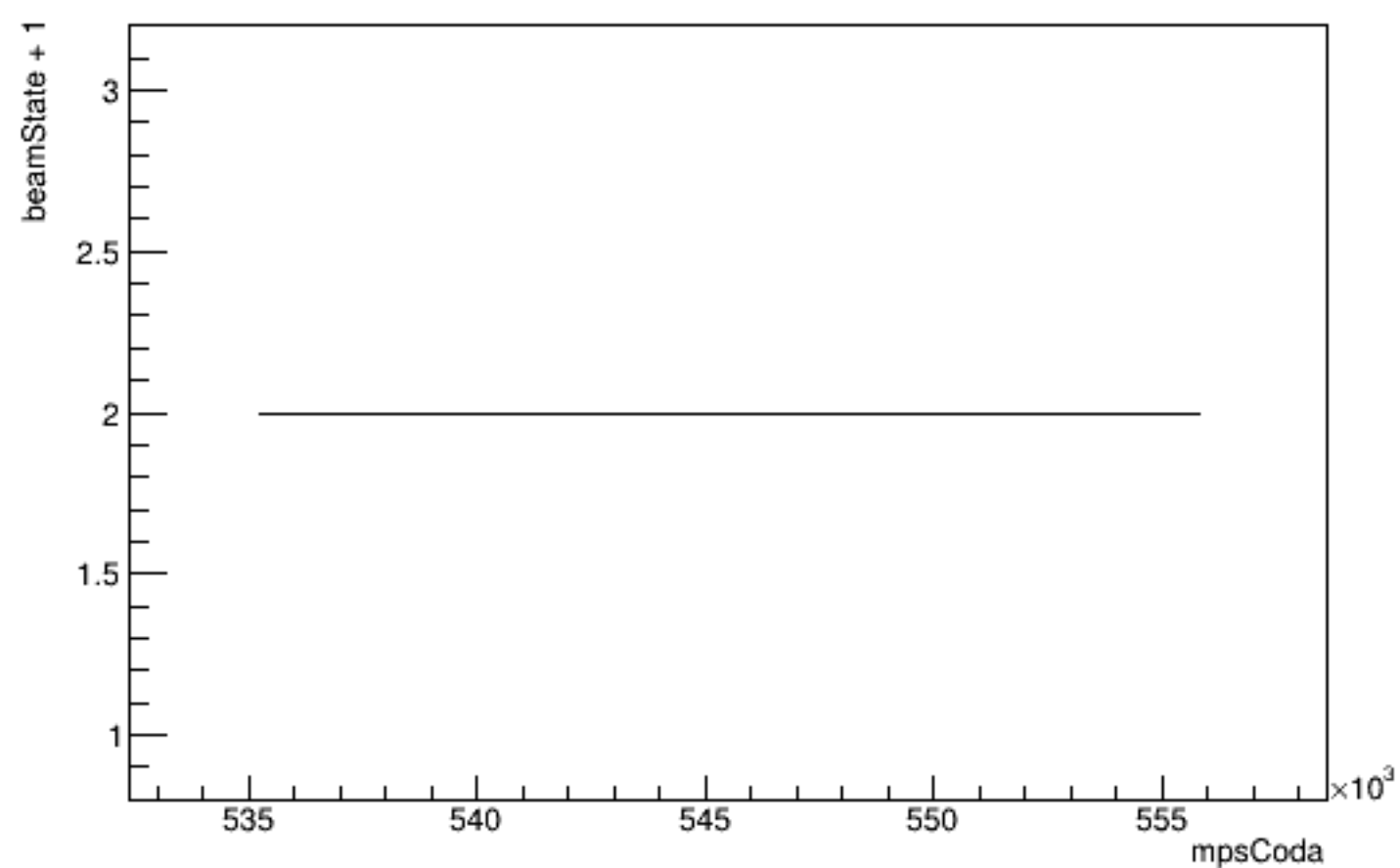
Acc0/NAcc0:mpsCoda (mpsCoda>=535252 && mpsCoda<=555819 && beamState==1)



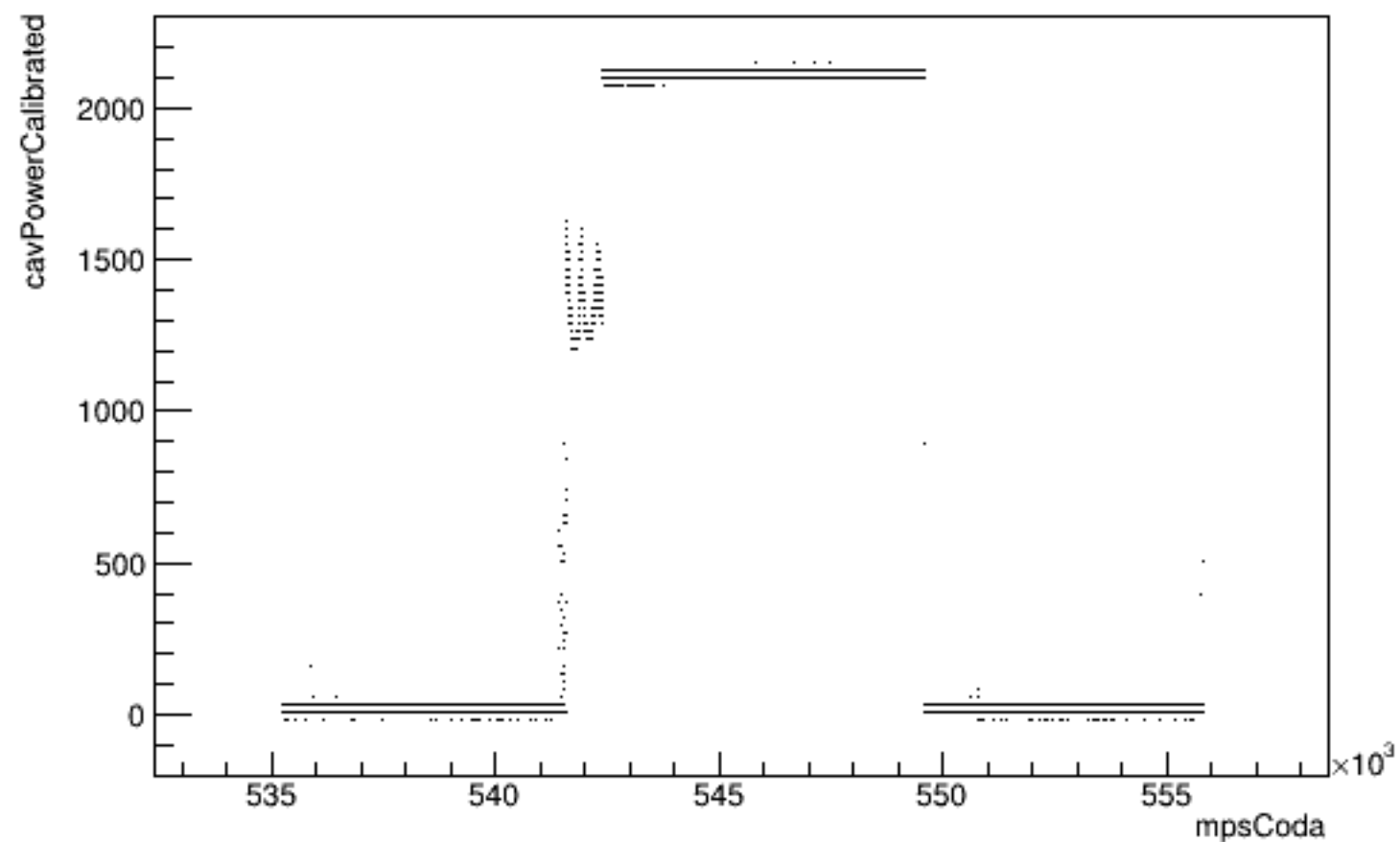
laserState:mpsCoda {mpsCoda>=535252 && mpsCoda<=555819}



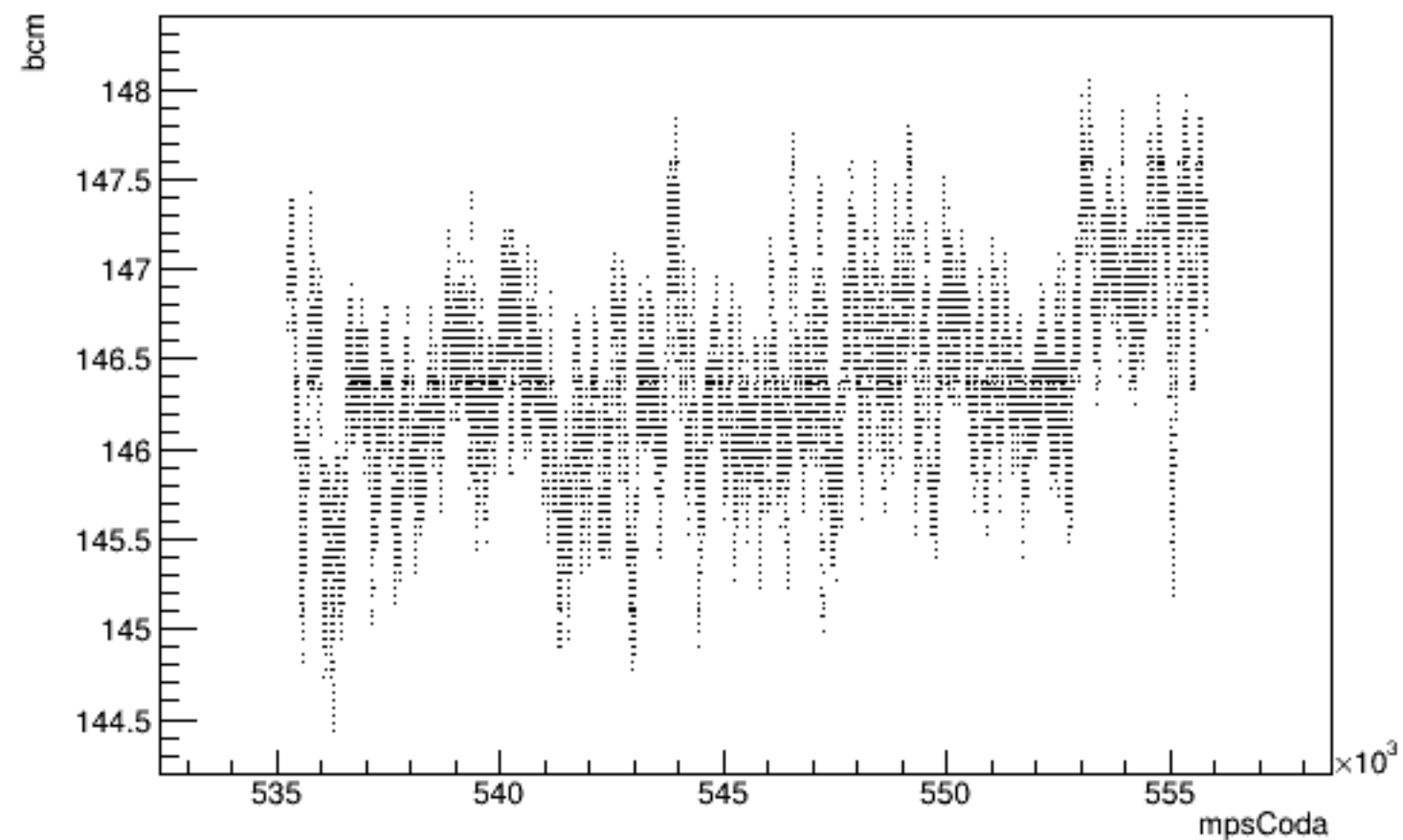
beamState + 1:mpsCoda {mpsCoda>=535252 && mpsCoda<=555819}



cavPowerCalibrated:mpsCoda {mpsCoda>=535252 && mpsCoda<=555819}



bcm:mpsCoda {mpsCoda>=535252 && mpsCoda<=555819}



Cycle 23, Diffs

Entries: 1549

Mean: 0.0072 +/- 0.0098

Std Dev: 0.3869 +/- 0.0070

Entries: 1801

Mean: -0.7894 +/- 0.0131

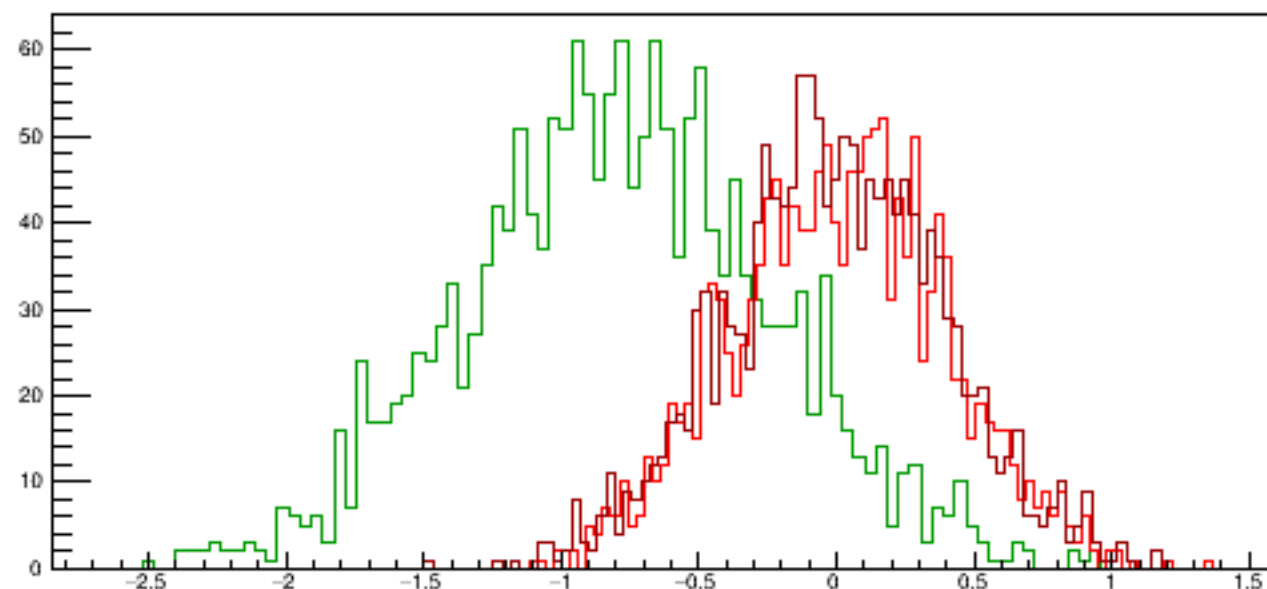
Std Dev: 0.5575 +/- 0.0093

Entries: 1548

Mean: -0.0098 +/- 0.0101

Std Dev: 0.3965 +/- 0.0071

Run 6090 quartetwise, Diffs



Cycle 23, Sums

Entries: 1549

Mean: 7.2069 +/- 0.0112

Std Dev: 0.4405 +/- 0.0079

Entries: 1801

Mean: 31.4709 +/- 0.0156

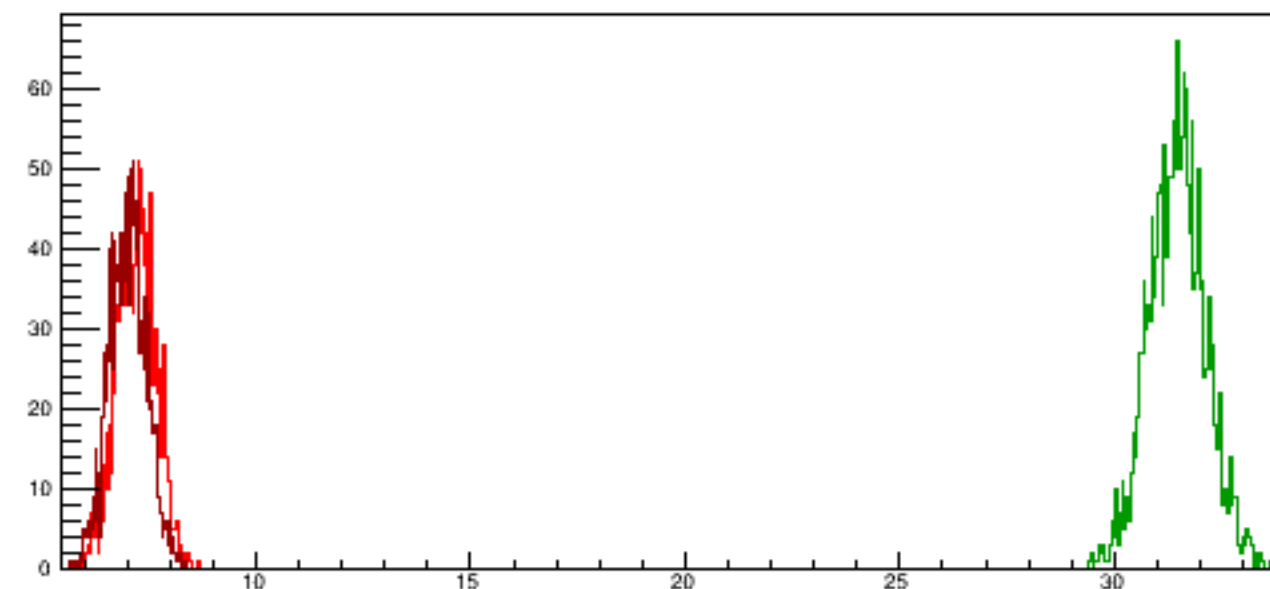
Std Dev: 0.6607 +/- 0.0110

Entries: 1548

Mean: 7.0112 +/- 0.0110

Std Dev: 0.4312 +/- 0.0077

Run 6090 quartetwise, Sums



Cycle 23, Asyms

Entries: 1549

Mean: 0.0003 +/- 0.0004

Std Dev: 0.0159 +/- 0.0003

Entries: 1801

Mean: -0.0324 +/- 0.0005

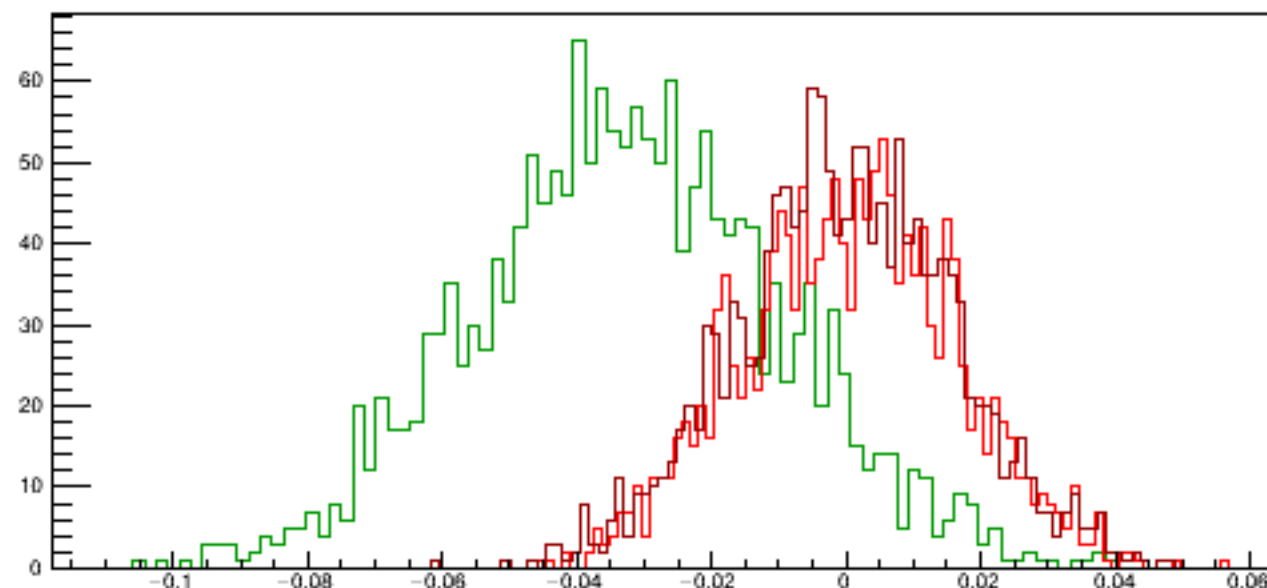
Std Dev: 0.0229 +/- 0.0004

Entries: 1548

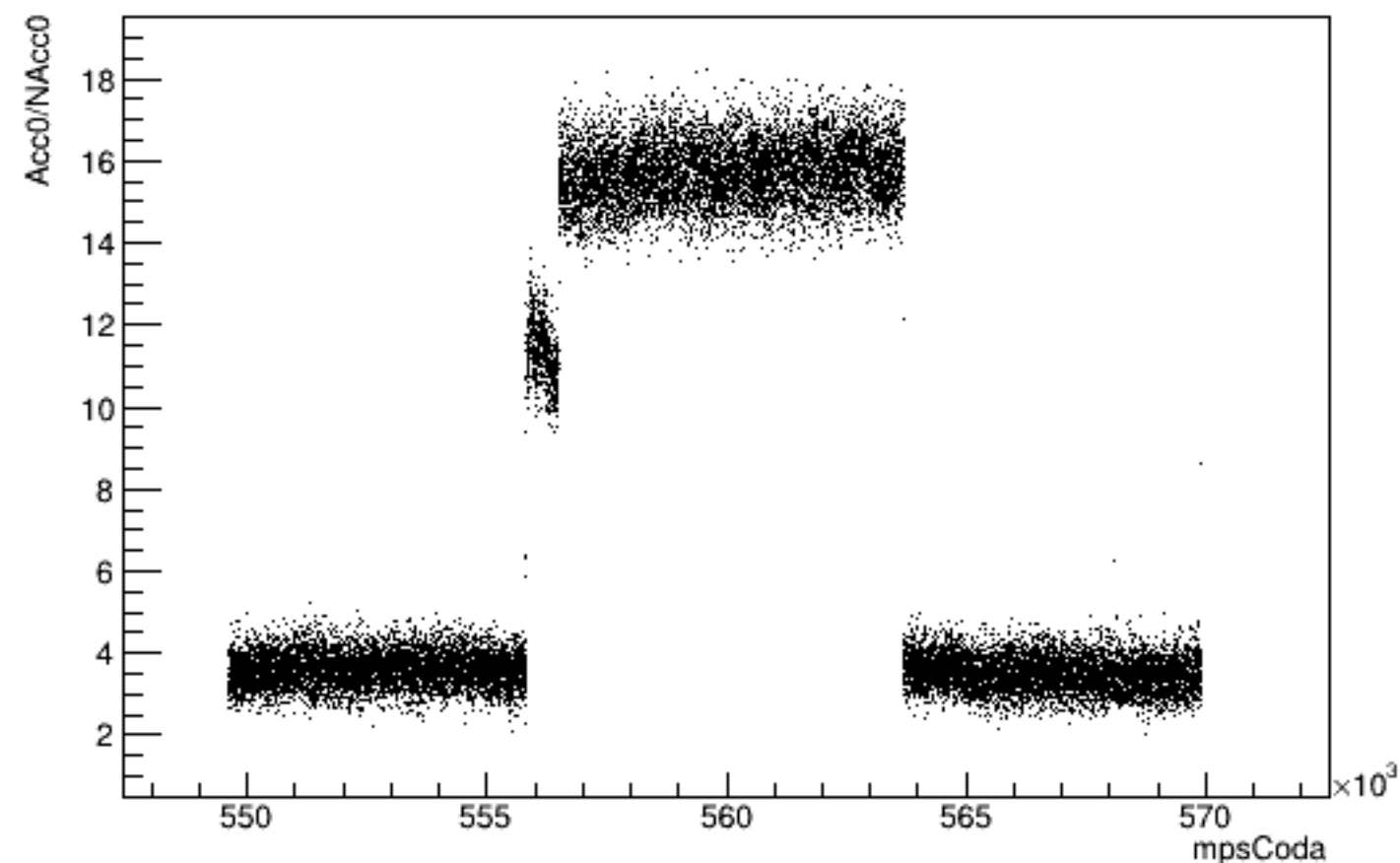
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0163 +/- 0.0003

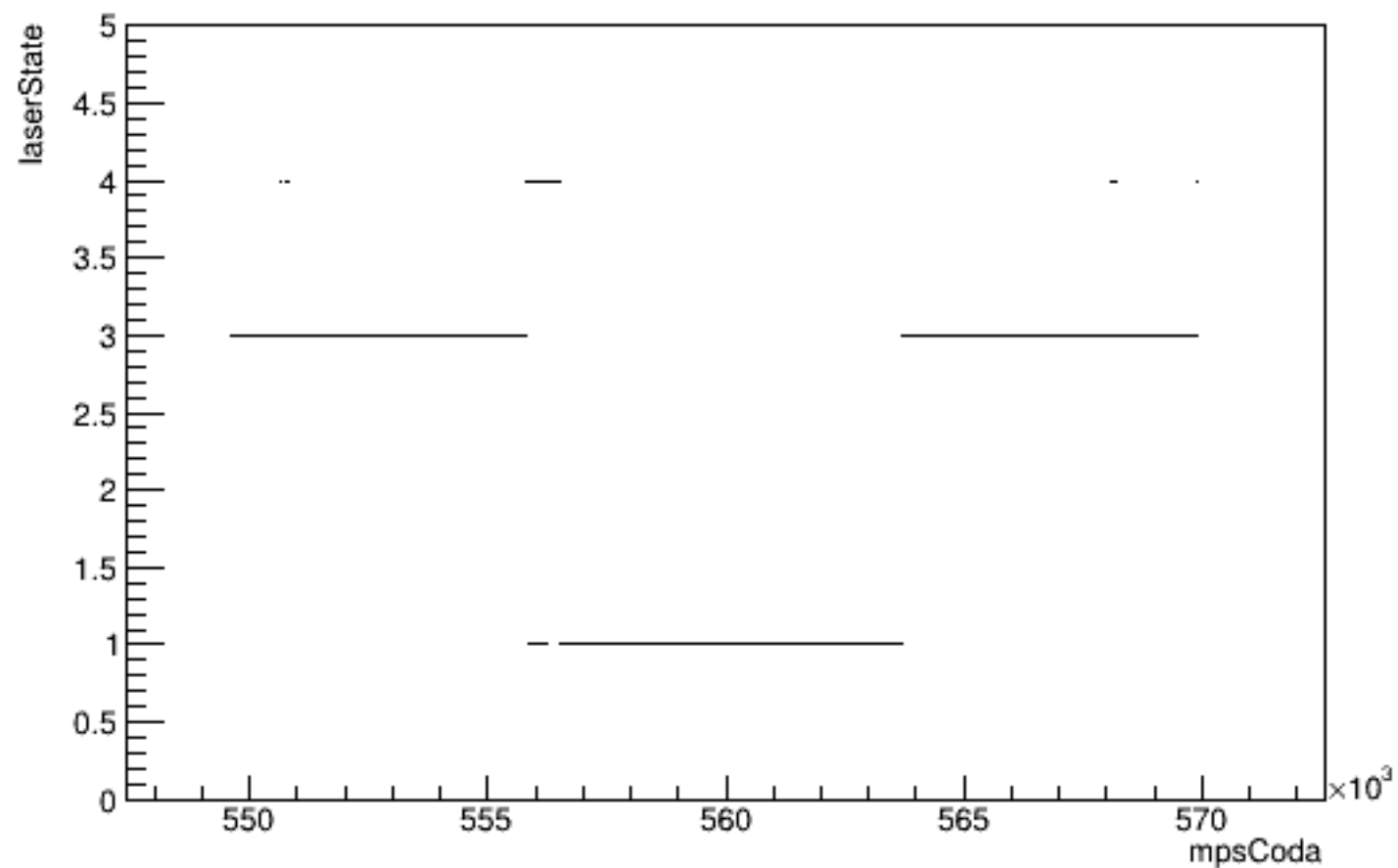
Run 6090 quartetwise, Asyms



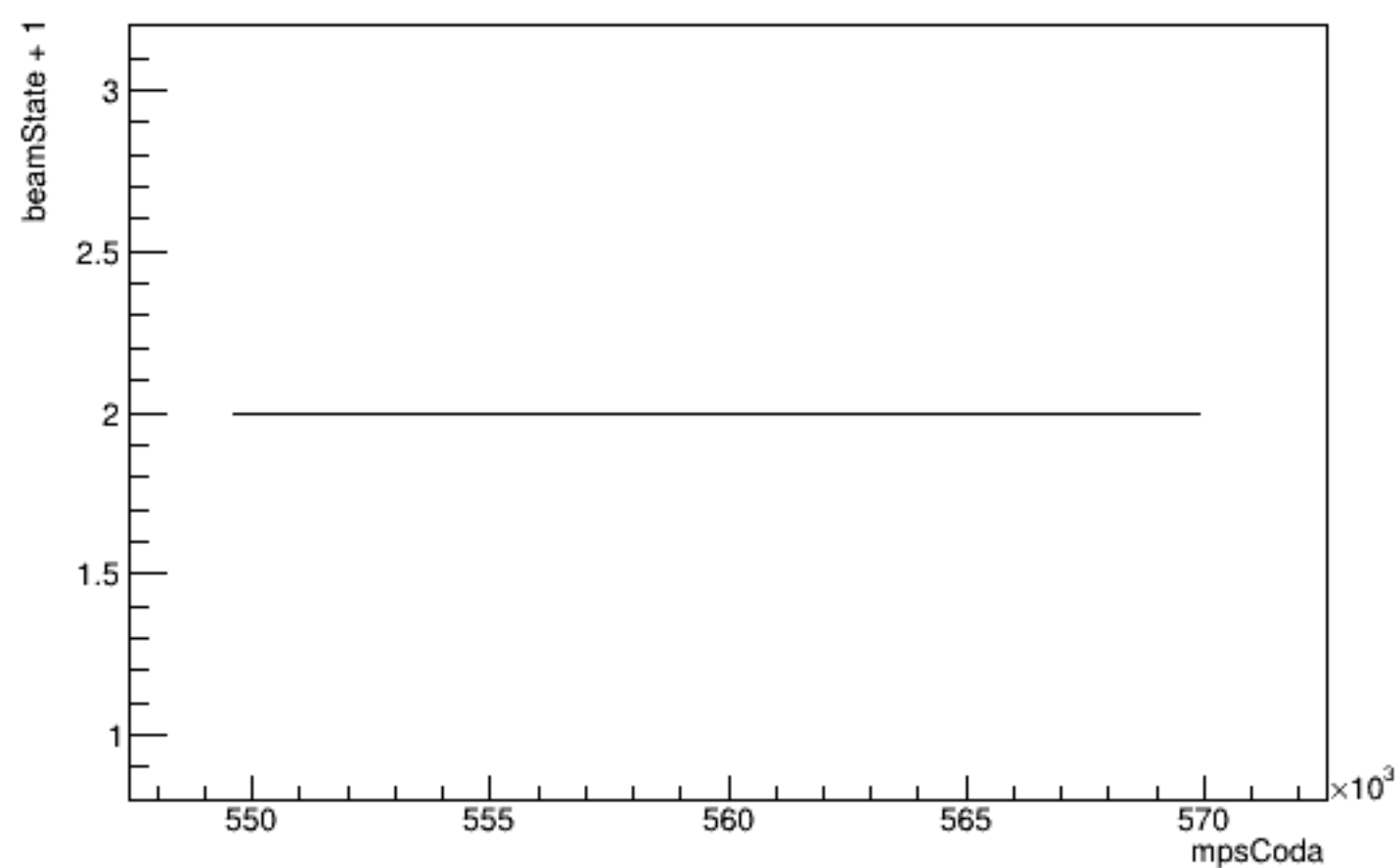
Acc0/NAcc0:mpsCoda (mpsCoda>=549604 && mpsCoda<=569911 && beamState==1)



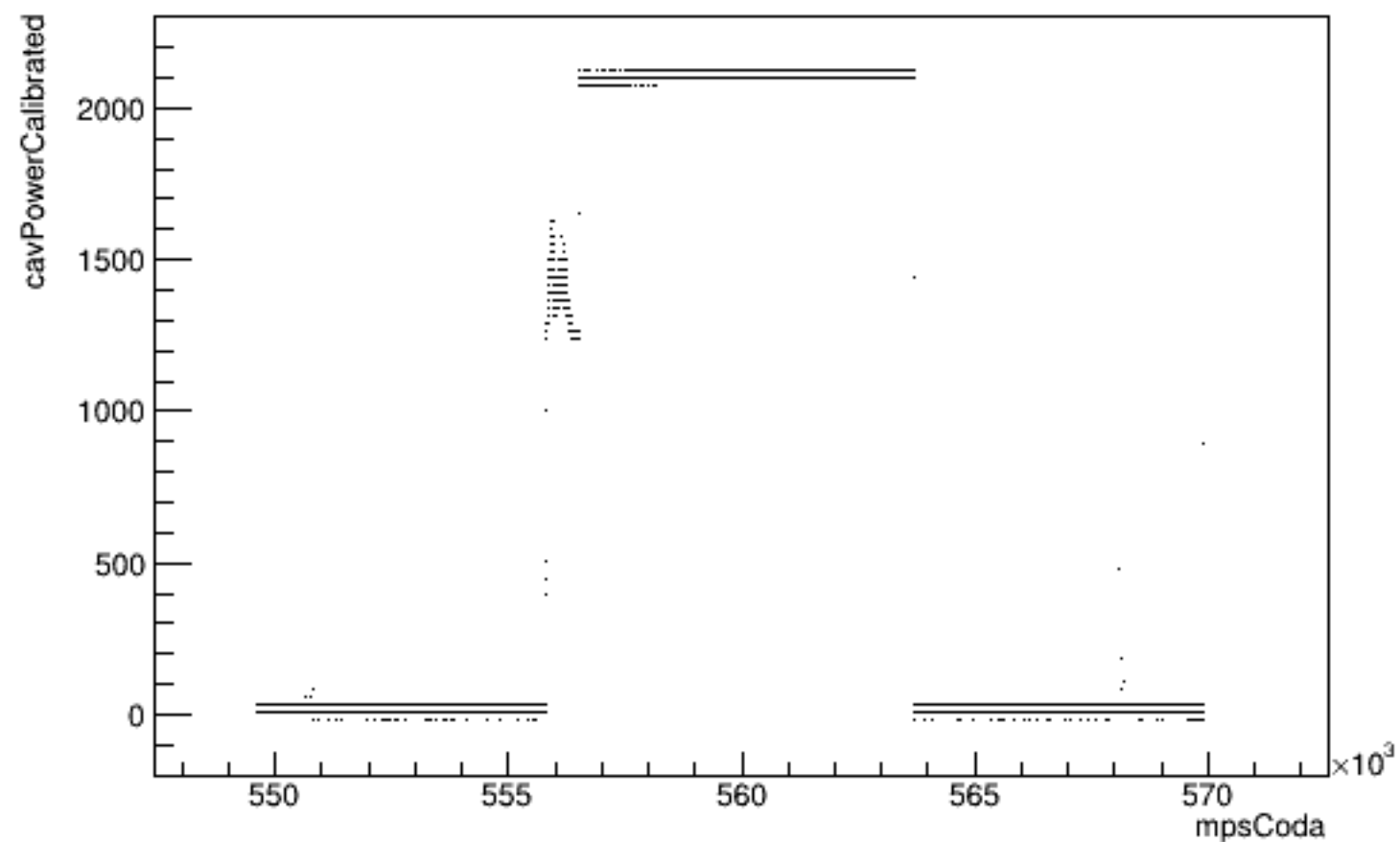
laserState:mpsCoda {mpsCoda>=549604 && mpsCoda<=569911}



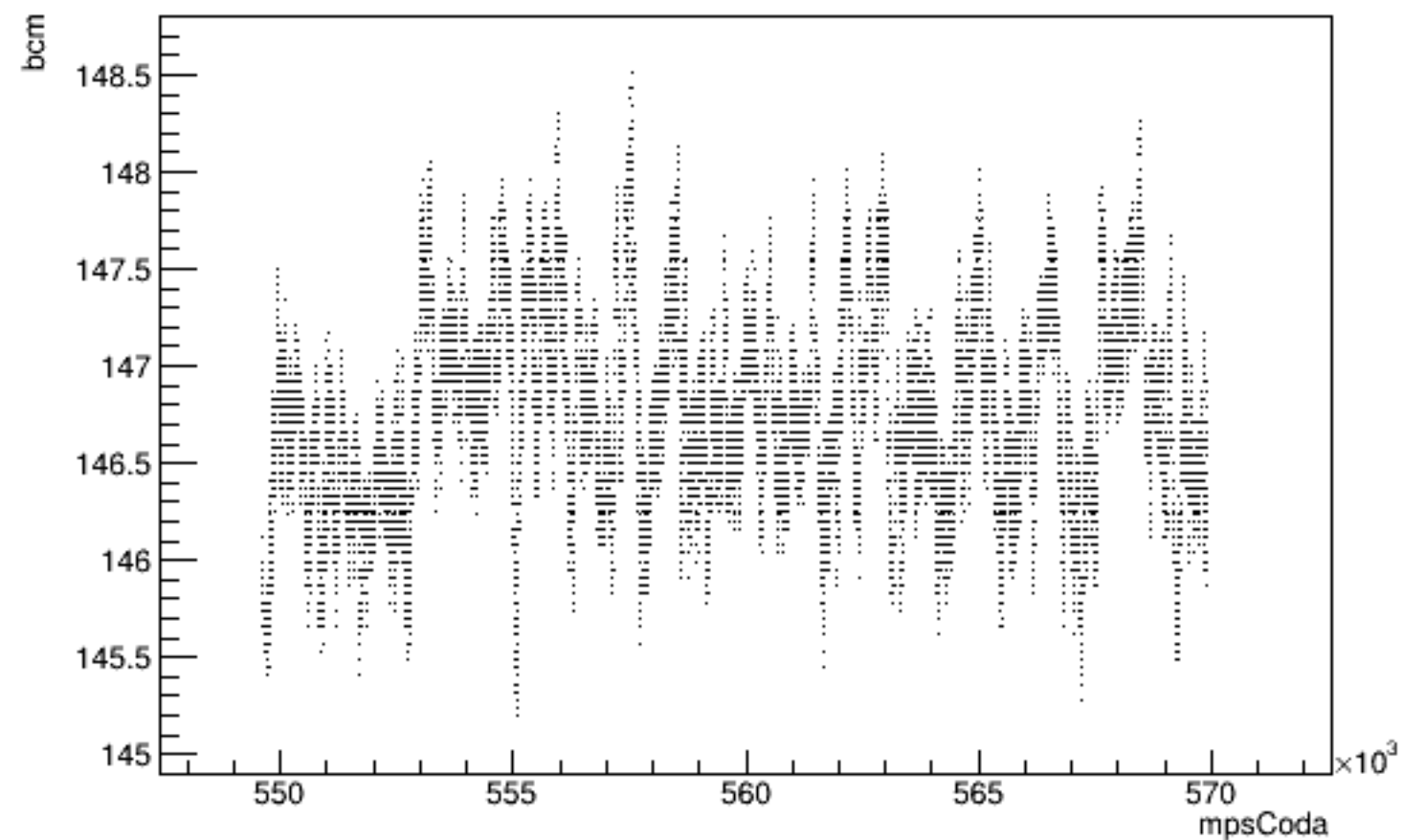
beamState + 1:mpsCoda {mpsCoda>=549604 && mpsCoda<=569911}



cavPowerCalibrated:mpsCoda {mpsCoda>=549604 && mpsCoda<=569911}



bcm:mpsCoda {mpsCoda>=549604 && mpsCoda<=569911}



Cycle 24, Diffs

Entries: 1548

Mean: -0.0098 +/- 0.0101

Std Dev: 0.3965 +/- 0.0071

Entries: 1801

Mean: -0.7973 +/- 0.0127

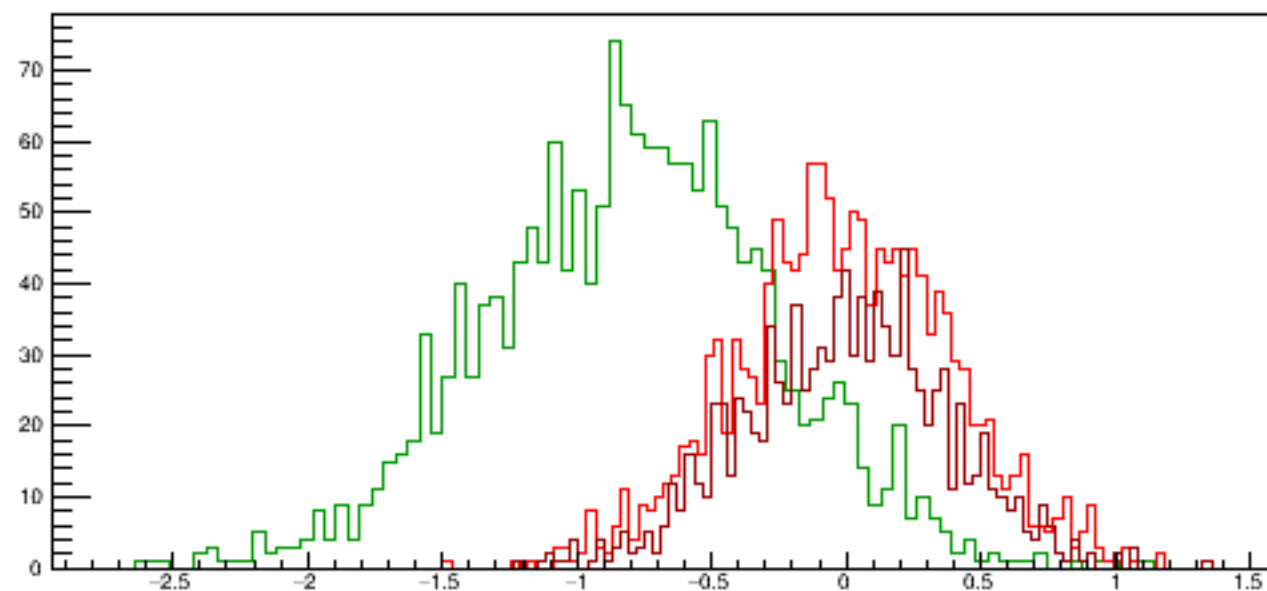
Std Dev: 0.5389 +/- 0.0090

Entries: 1083

Mean: -0.0068 +/- 0.0115

Std Dev: 0.3799 +/- 0.0082

Run 6090 quartetwise, Diffs



Cycle 24, Sums

Entries: 1548

Mean: 7.0112 +/- 0.0110

Std Dev: 0.4312 +/- 0.0077

Entries: 1801

Mean: 31.5135 +/- 0.0144

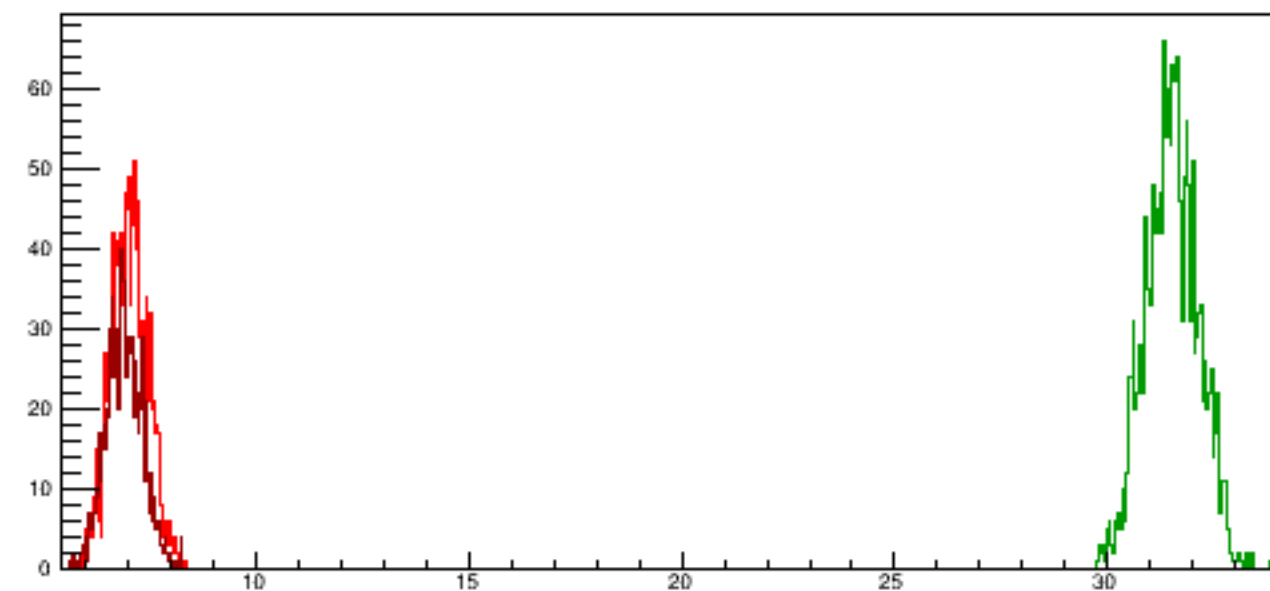
Std Dev: 0.6126 +/- 0.0102

Entries: 1083

Mean: 6.8873 +/- 0.0130

Std Dev: 0.4286 +/- 0.0092

Run 6090 quartetwise, Sums



Cycle 24, Asyms

Entries: 1548

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0161 +/- 0.0003

Entries: 1801

Mean: -0.0324 +/- 0.0005

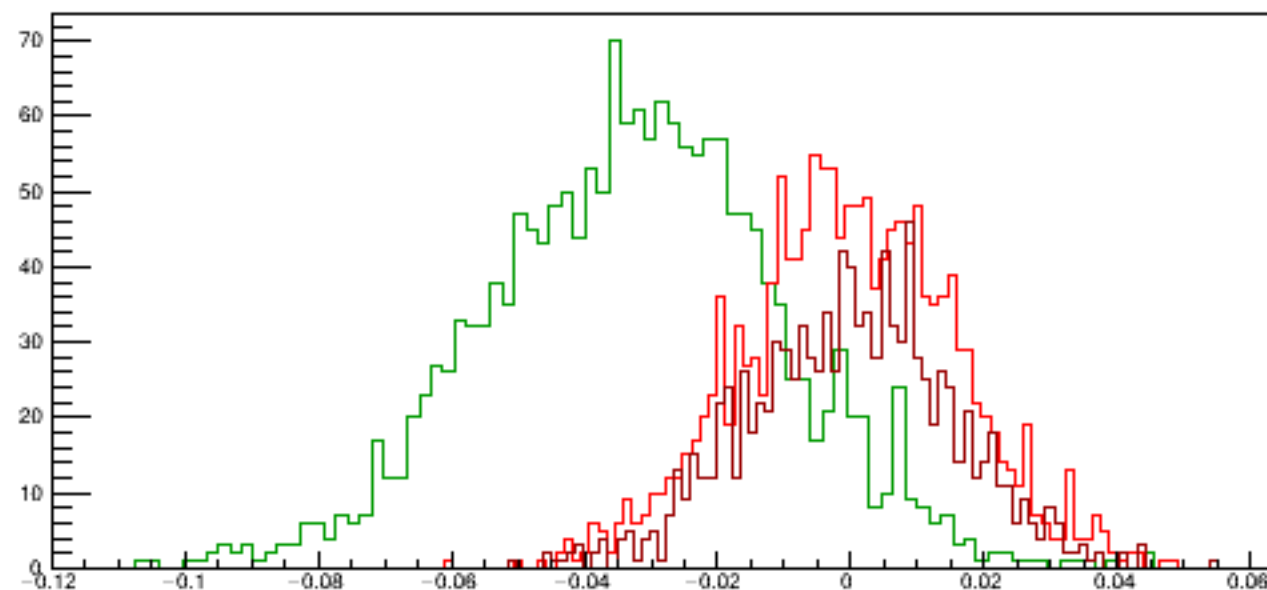
Std Dev: 0.0219 +/- 0.0004

Entries: 1083

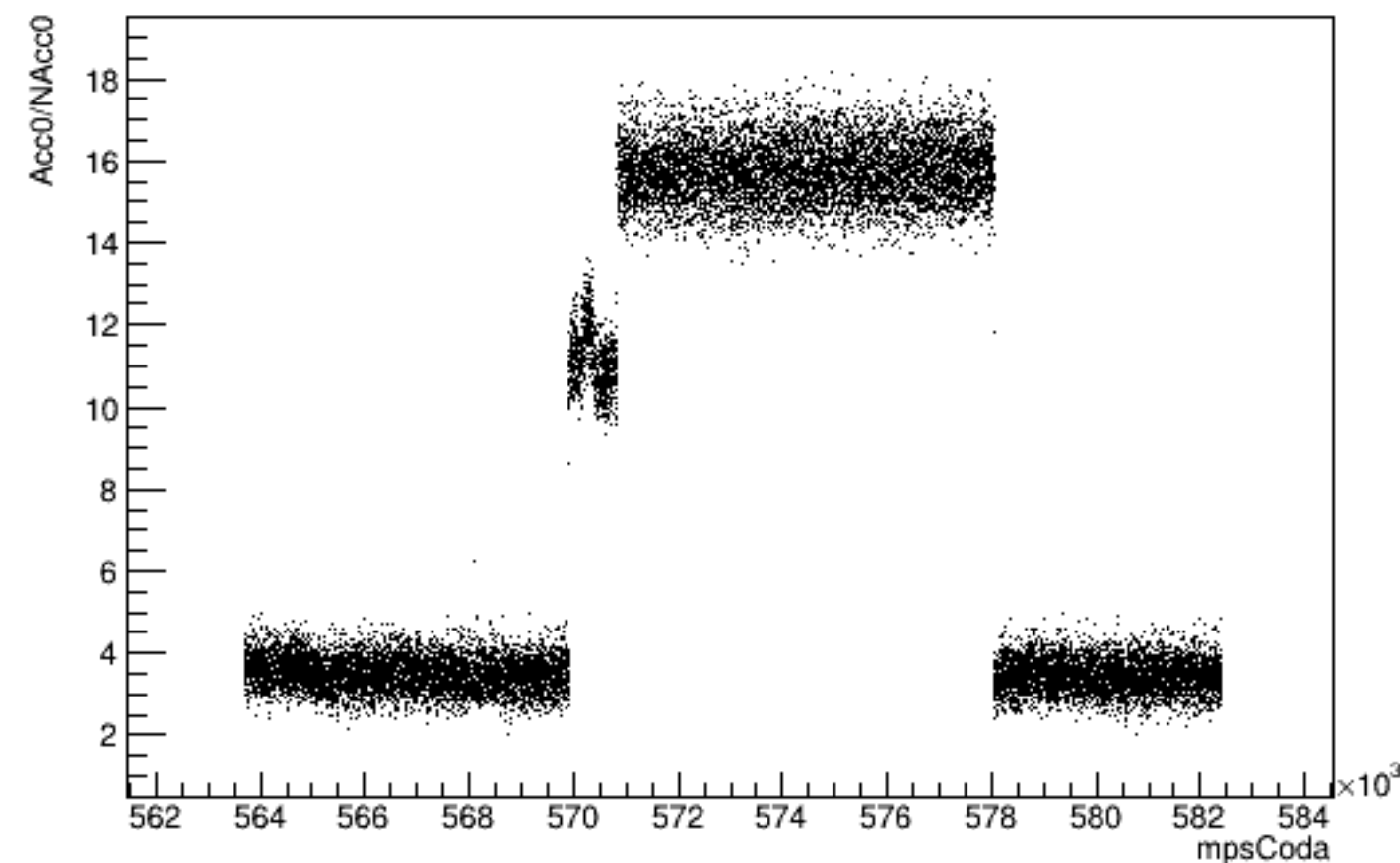
Mean: -0.0003 +/- 0.0005

Std Dev: 0.0155 +/- 0.0003

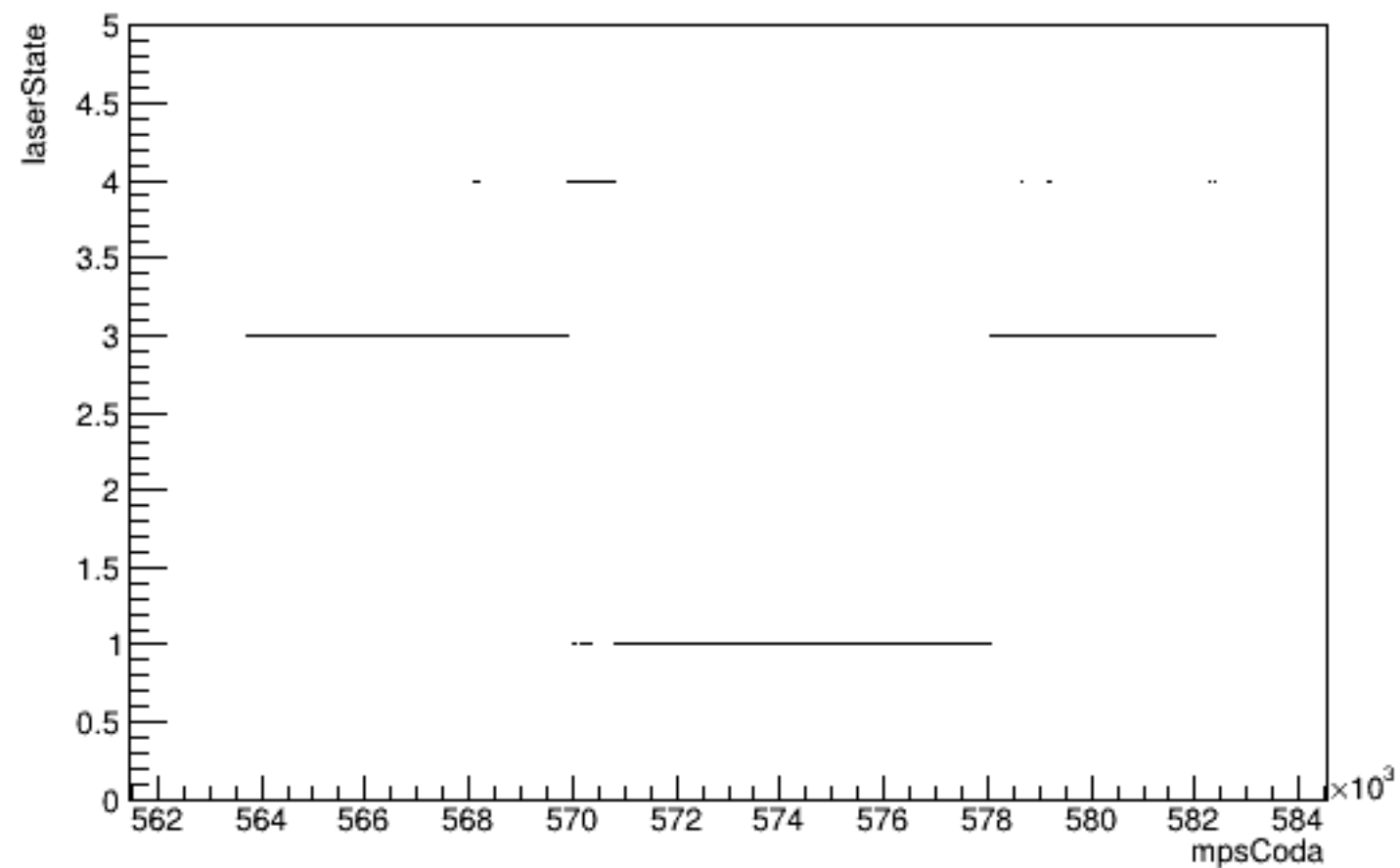
Run 6090 quartetwise, Asyms



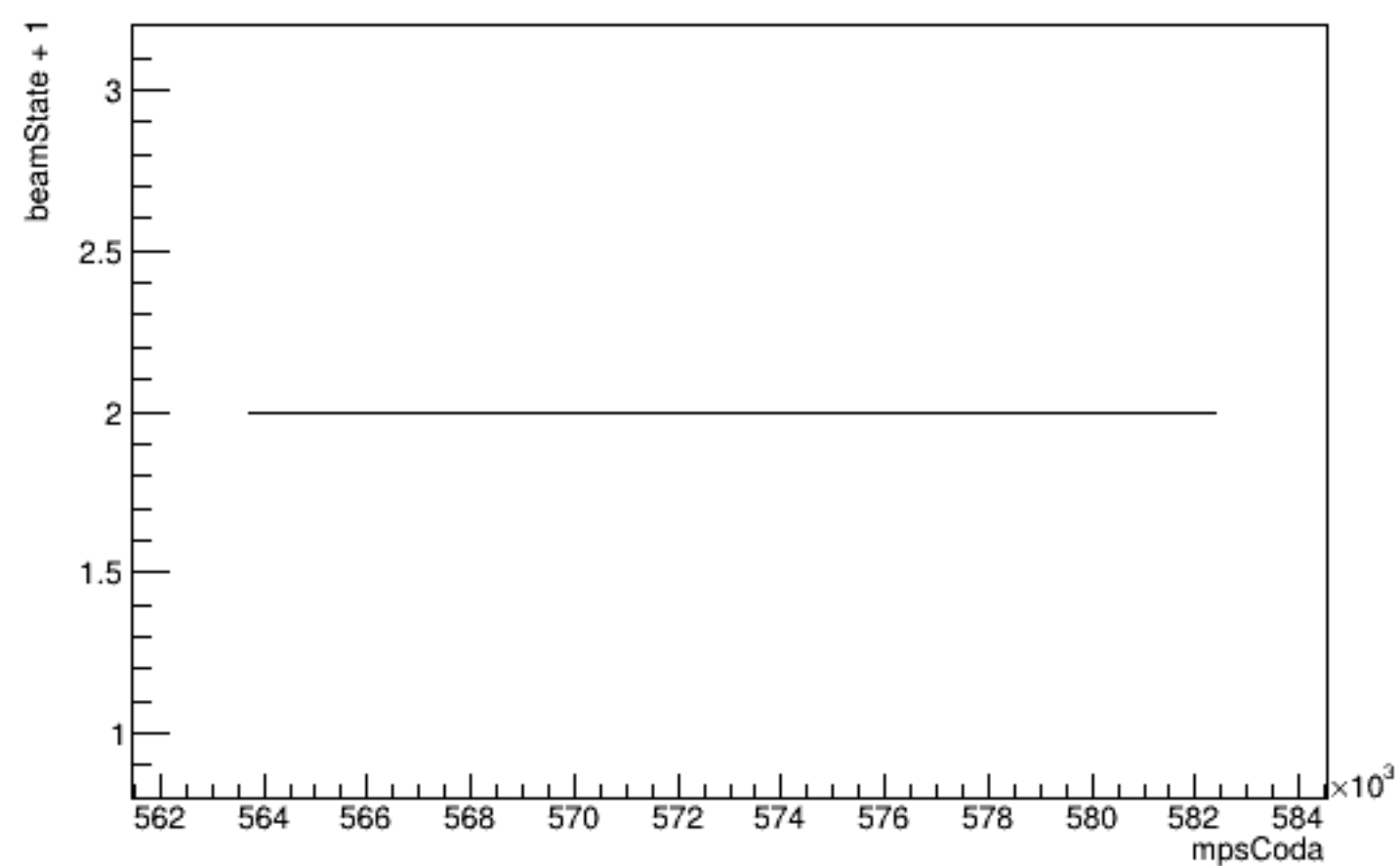
Acc0/NAcc0:mpsCoda (mpsCoda>=563700 && mpsCoda<=582395 && beamState==1)



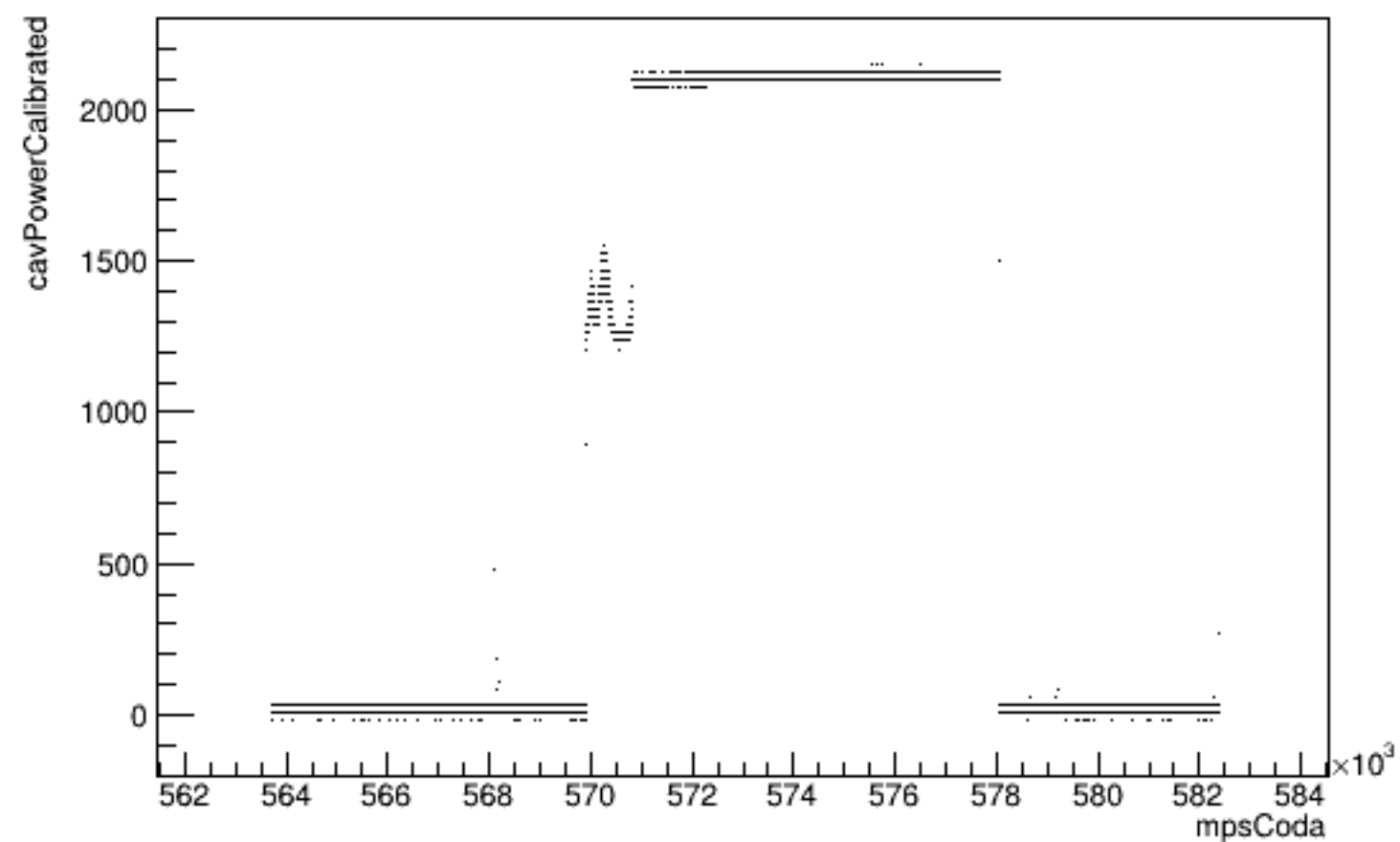
laserState:mpsCoda {mpsCoda>=563700 && mpsCoda<=582395}



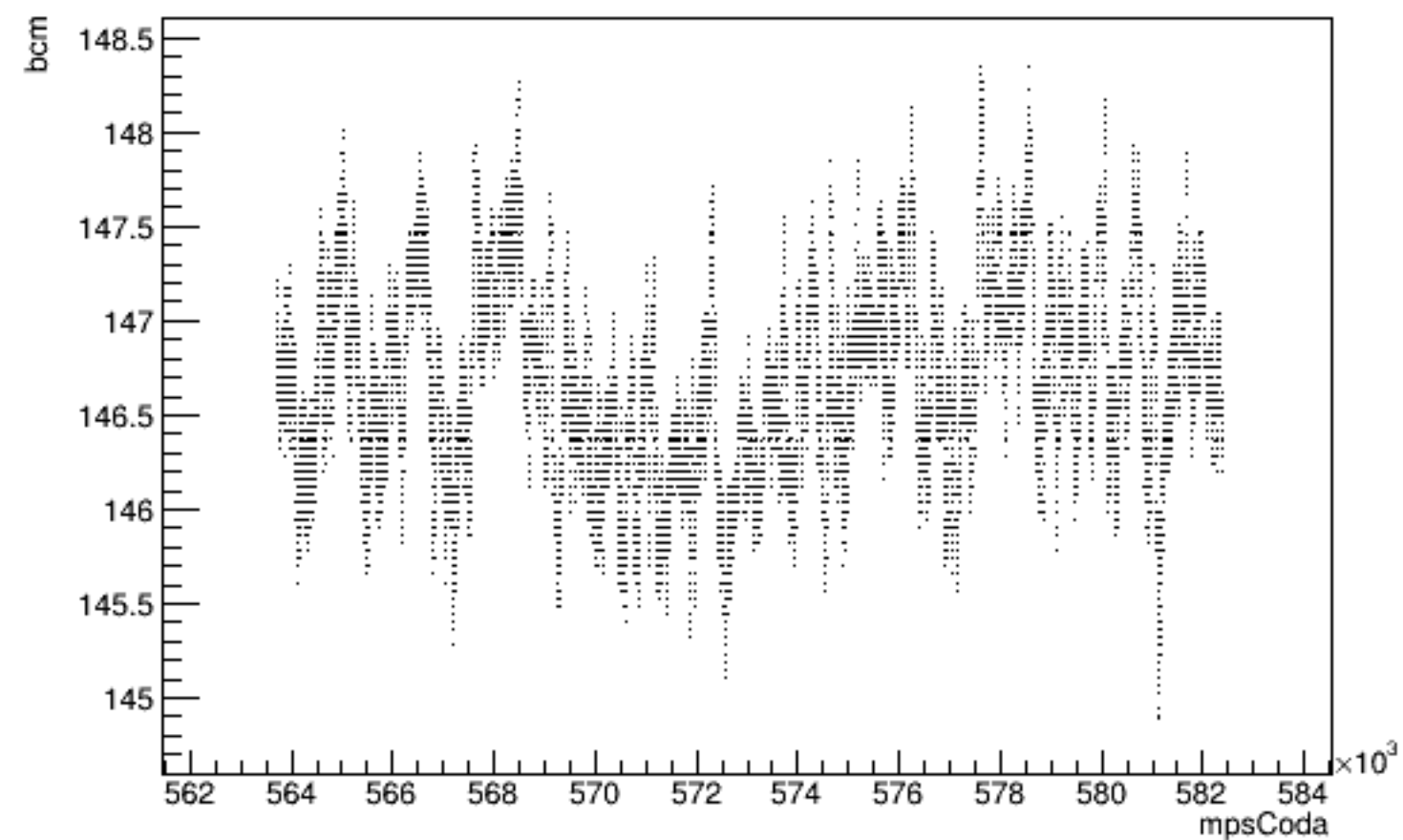
beamState + 1:mpsCoda {mpsCoda>=563700 && mpsCoda<=582395}



cavPowerCalibrated:mpsCoda {mpsCoda>=563700 && mpsCoda<=582395}



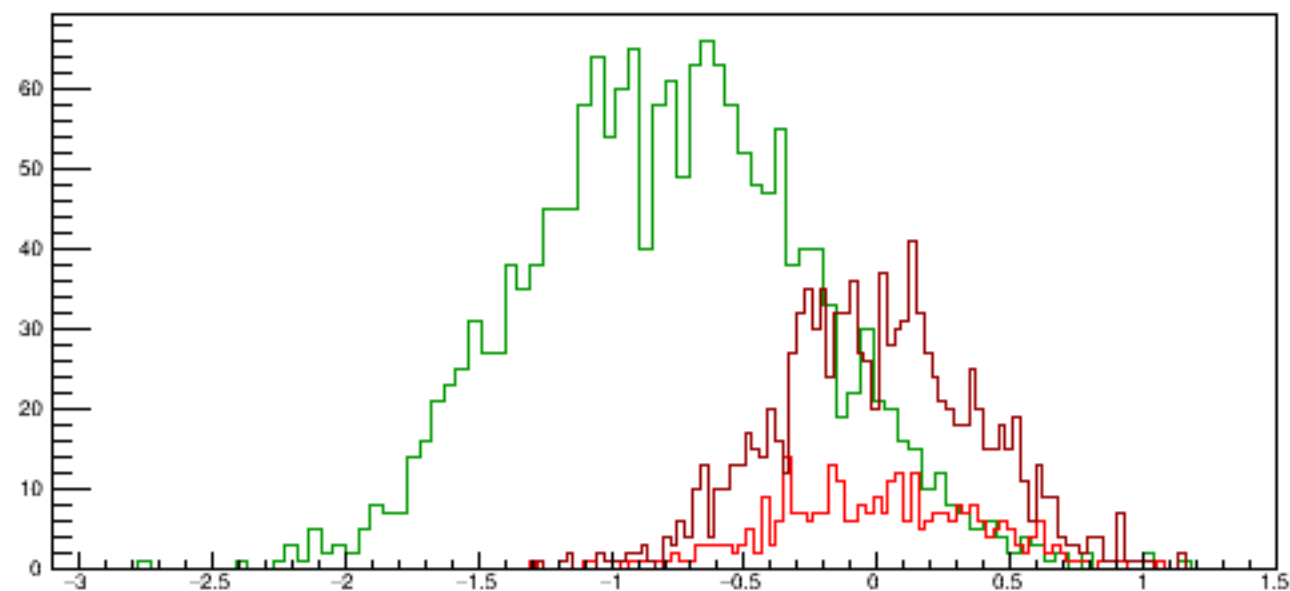
bcm:mpsCoda {mpsCoda>=563700 && mpsCoda<=582395}



Cycle 25, Diffs

Entries: 325	Entries: 1800	Entries: 1094
Mean: -0.0097 +/- 0.0221	Mean: -0.7812 +/- 0.0126	Mean: -0.0070 +/- 0.0116
Std Dev: 0.3991 +/- 0.0157	Std Dev: 0.5341 +/- 0.0089	Std Dev: 0.3827 +/- 0.0082

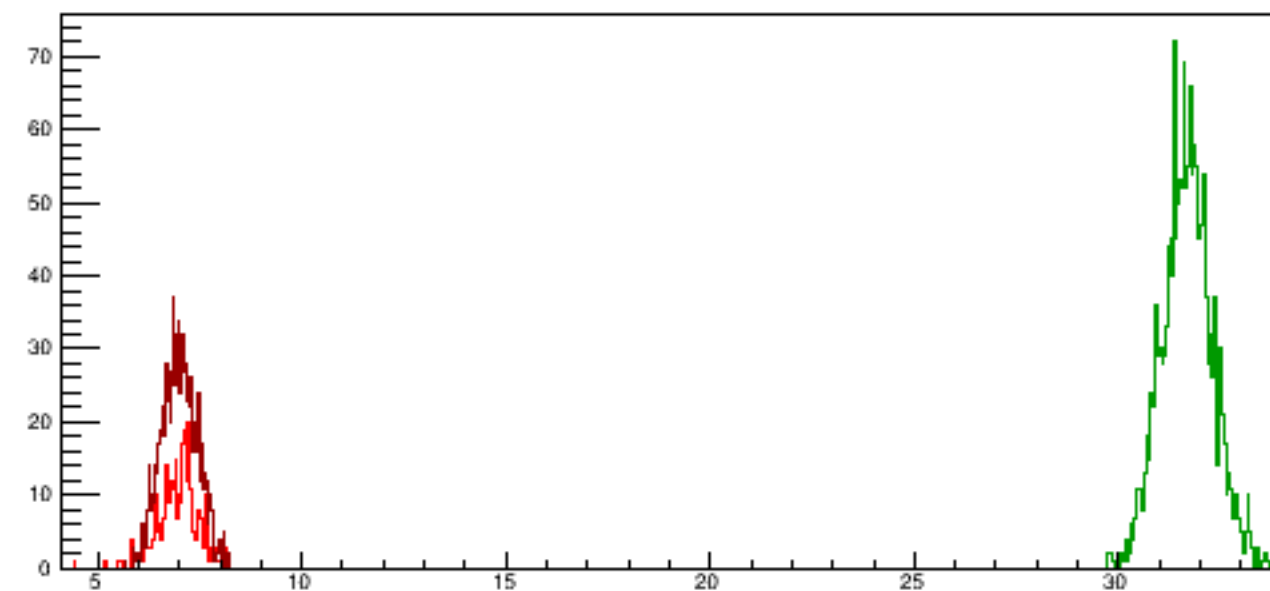
Run 6090 quartetwise, Diffs



Cycle 25, Sums

Entries: 325	Entries: 1800	Entries: 1094
Mean: 6.9711 +/- 0.0283	Mean: 31.6823 +/- 0.0146	Mean: 6.9972 +/- 0.0132
Std Dev: 0.5097 +/- 0.0200	Std Dev: 0.6178 +/- 0.0103	Std Dev: 0.4363 +/- 0.0093

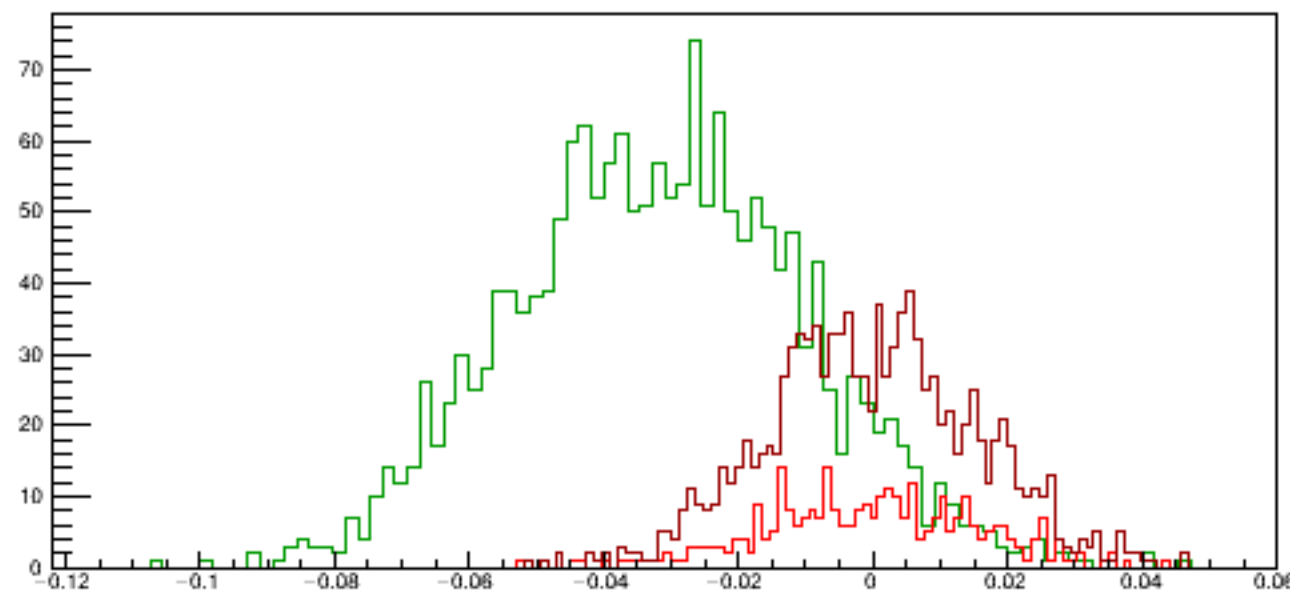
Run 6090 quartetwise, Sums



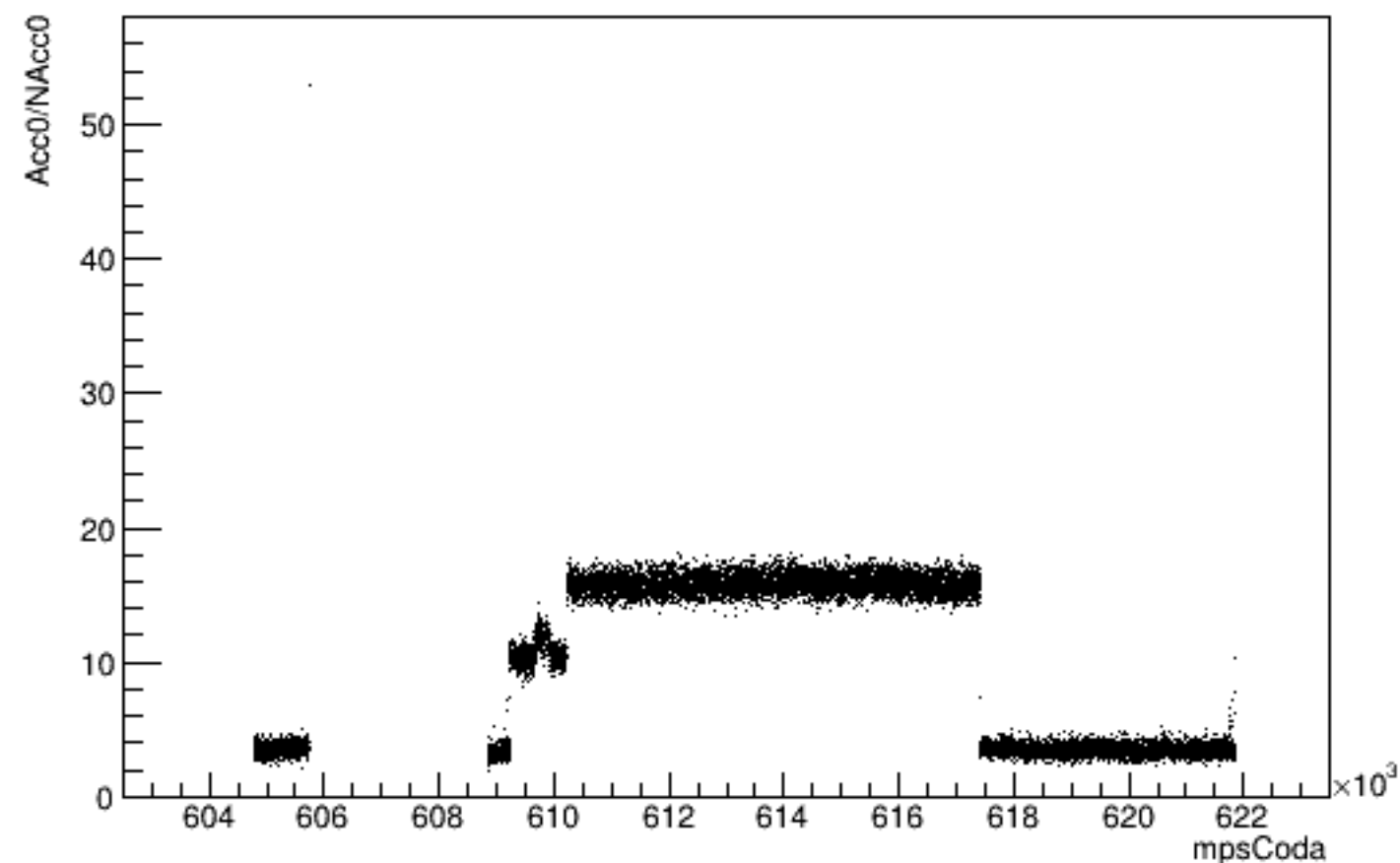
Cycle 25, Asyms

Entries: 325	Entries: 1800	Entries: 1094
Mean: -0.0004 +/- 0.0009	Mean: -0.0317 +/- 0.0005	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0162 +/- 0.0006	Std Dev: 0.0216 +/- 0.0004	Std Dev: 0.0155 +/- 0.0003

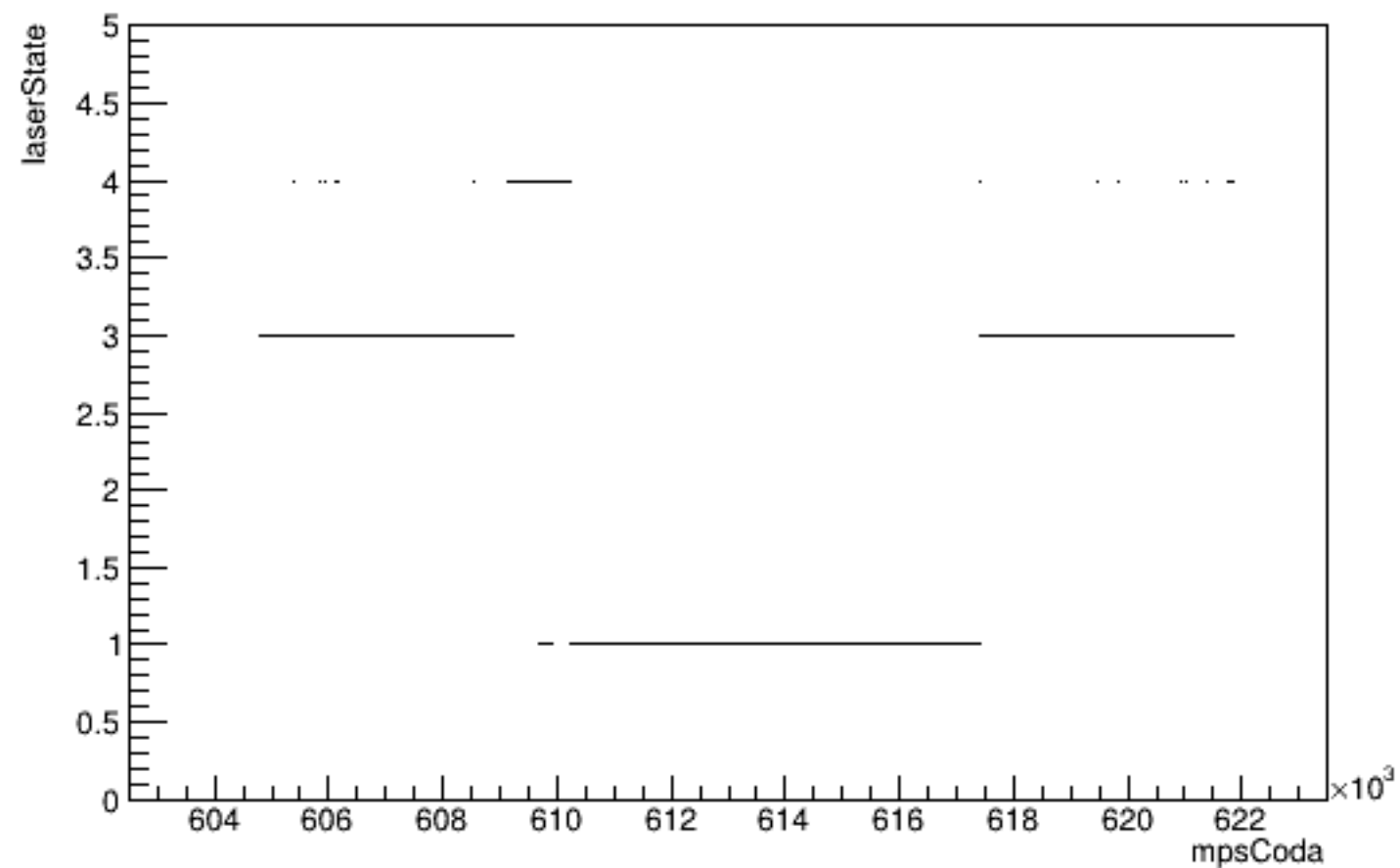
Run 6090 quartetwise, Asyms



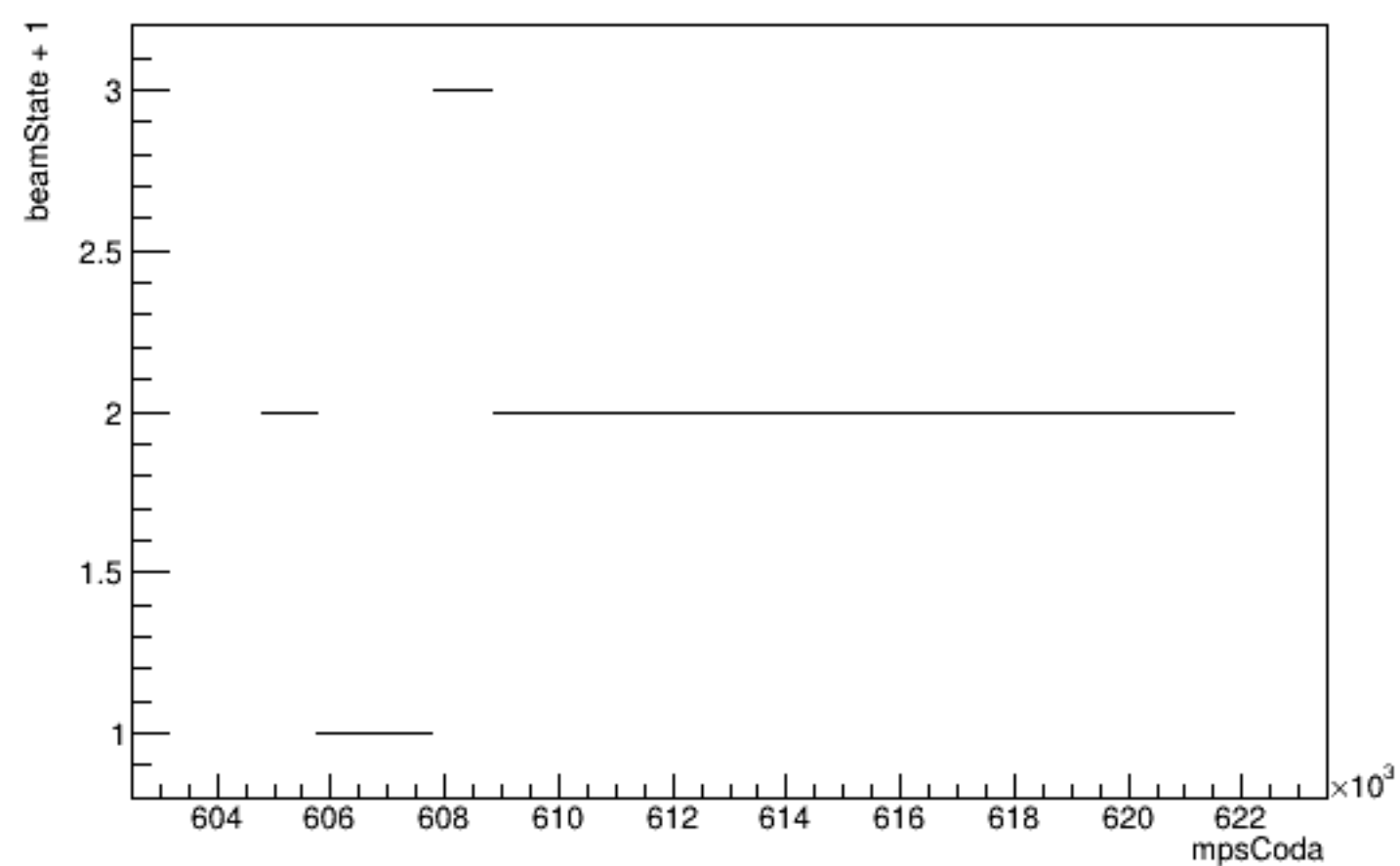
Acc0/NAcc0:mpsCoda (mpsCoda>=604788 && mpsCoda<=621839 && beamState==1)



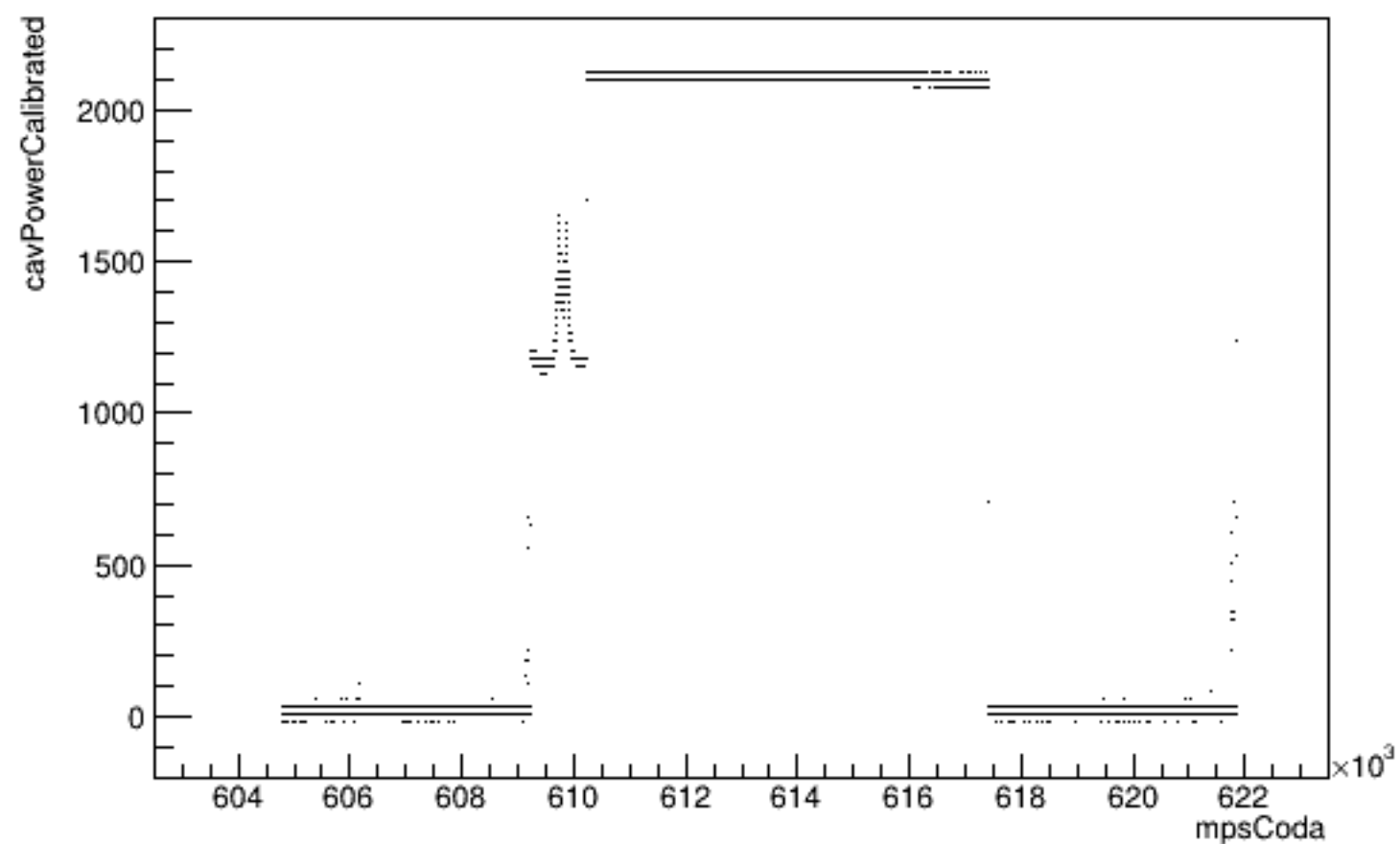
laserState:mpsCoda {mpsCoda>=604788 && mpsCoda<=621839}



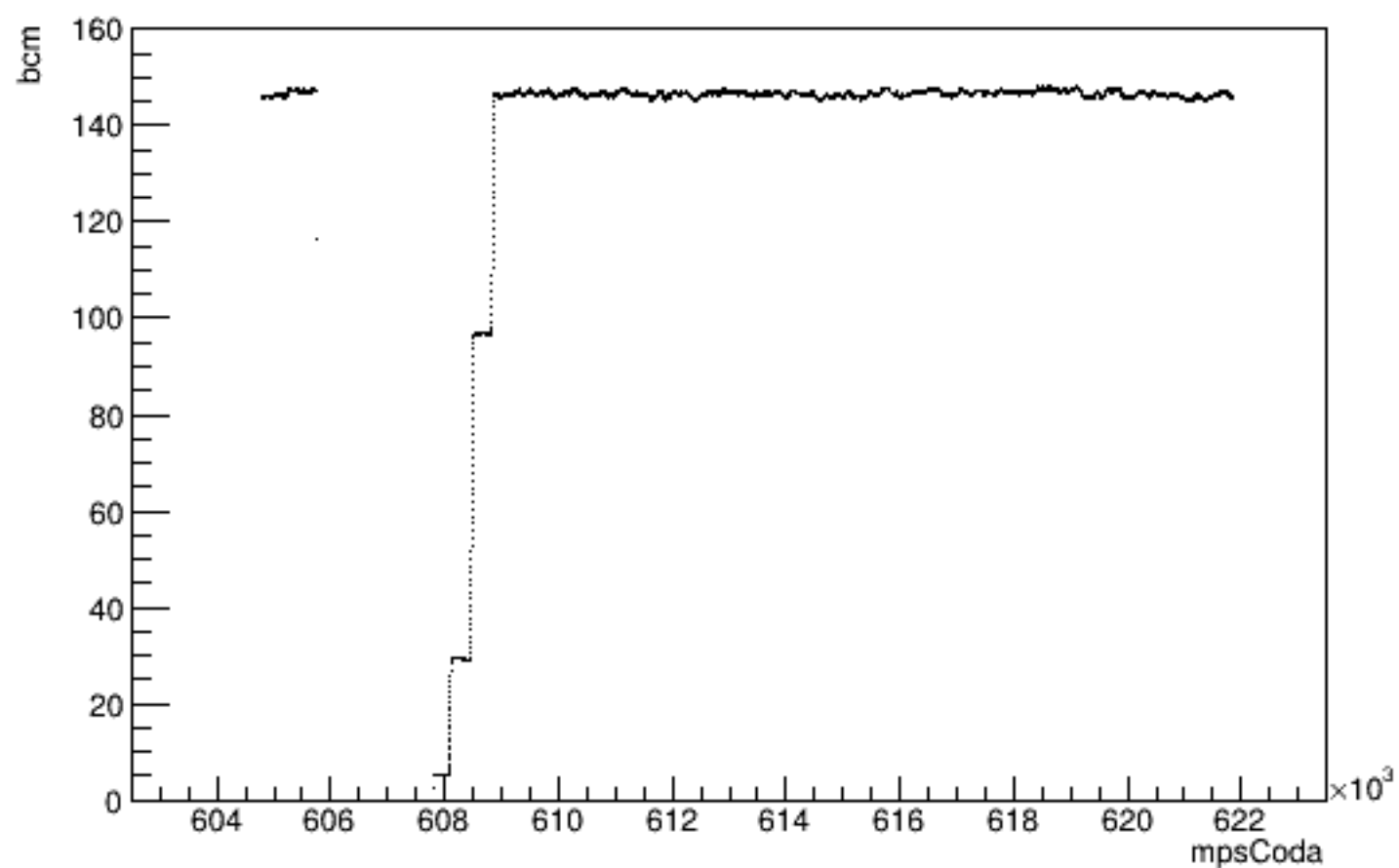
beamState + 1:mpsCoda {mpsCoda>=604788 && mpsCoda<=621839}



cavPowerCalibrated:mpsCoda {mpsCoda>=604788 && mpsCoda<=621839}



bcm:mpsCoda {mpsCoda>=604788 && mpsCoda<=621839}



Cycle 26, Diffs

Entries: 1094

Mean: -0.0070 +/- 0.0116

Std Dev: 0.3827 +/- 0.0082

Entries: 1800

Mean: -0.7760 +/- 0.0127

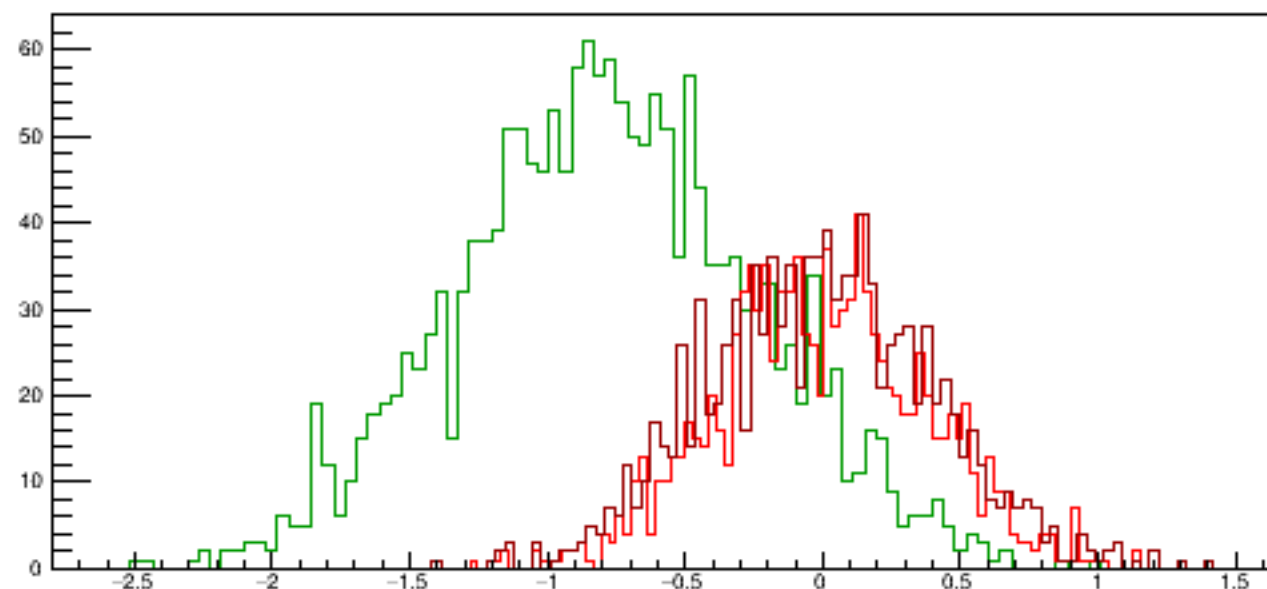
Std Dev: 0.5392 +/- 0.0090

Entries: 1082

Mean: -0.0128 +/- 0.0126

Std Dev: 0.4149 +/- 0.0089

Run 6090 quartetwise, Diffs



Cycle 26, Sums

Entries: 1094

Mean: 6.9972 +/- 0.0132

Std Dev: 0.4363 +/- 0.0093

Entries: 1800

Mean: 31.5241 +/- 0.0150

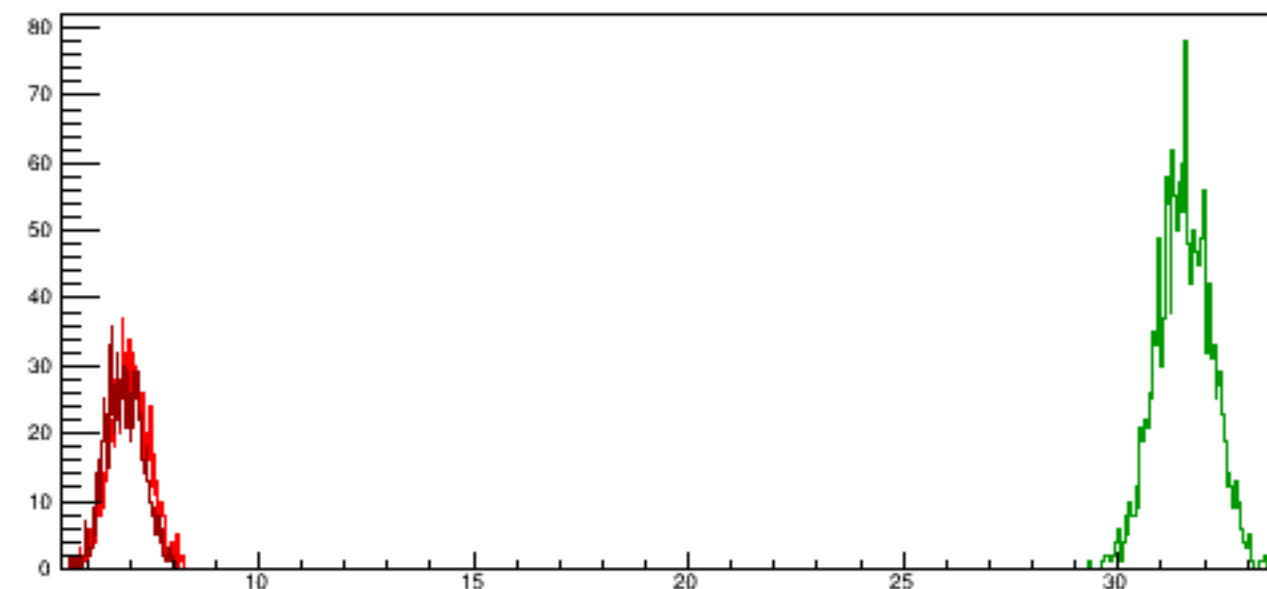
Std Dev: 0.6367 +/- 0.0106

Entries: 1082

Mean: 6.8660 +/- 0.0130

Std Dev: 0.4277 +/- 0.0092

Run 6090 quartetwise, Sums



Cycle 26, Asyms

Entries: 1094

Mean: -0.0003 +/- 0.0005

Std Dev: 0.0156 +/- 0.0003

Entries: 1800

Mean: -0.0316 +/- 0.0005

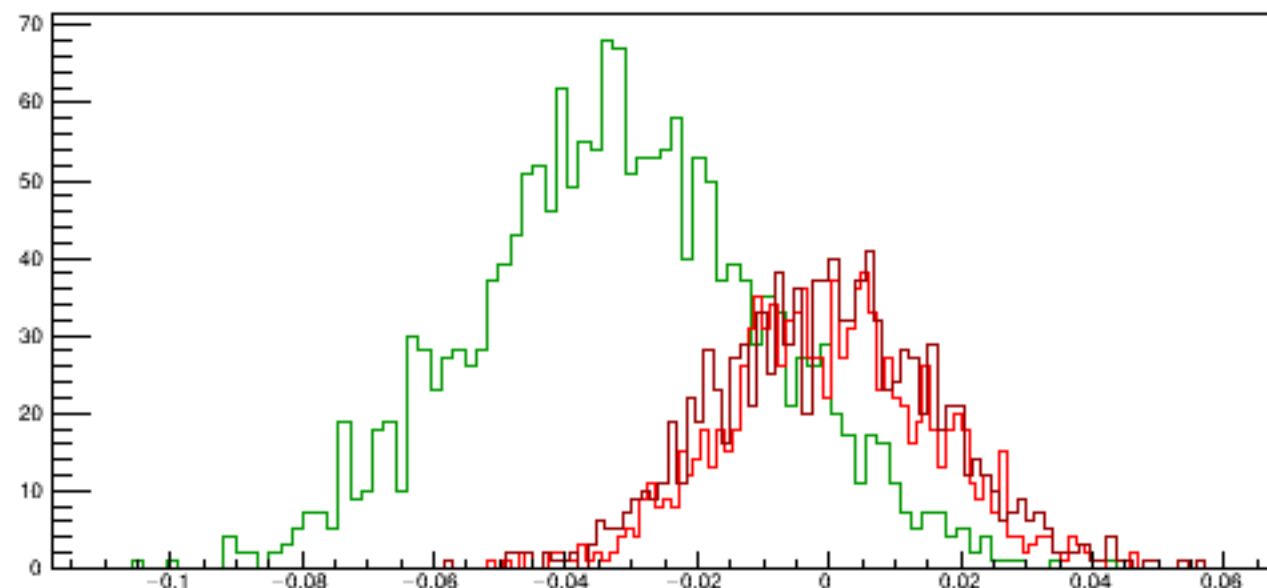
Std Dev: 0.0220 +/- 0.0004

Entries: 1082

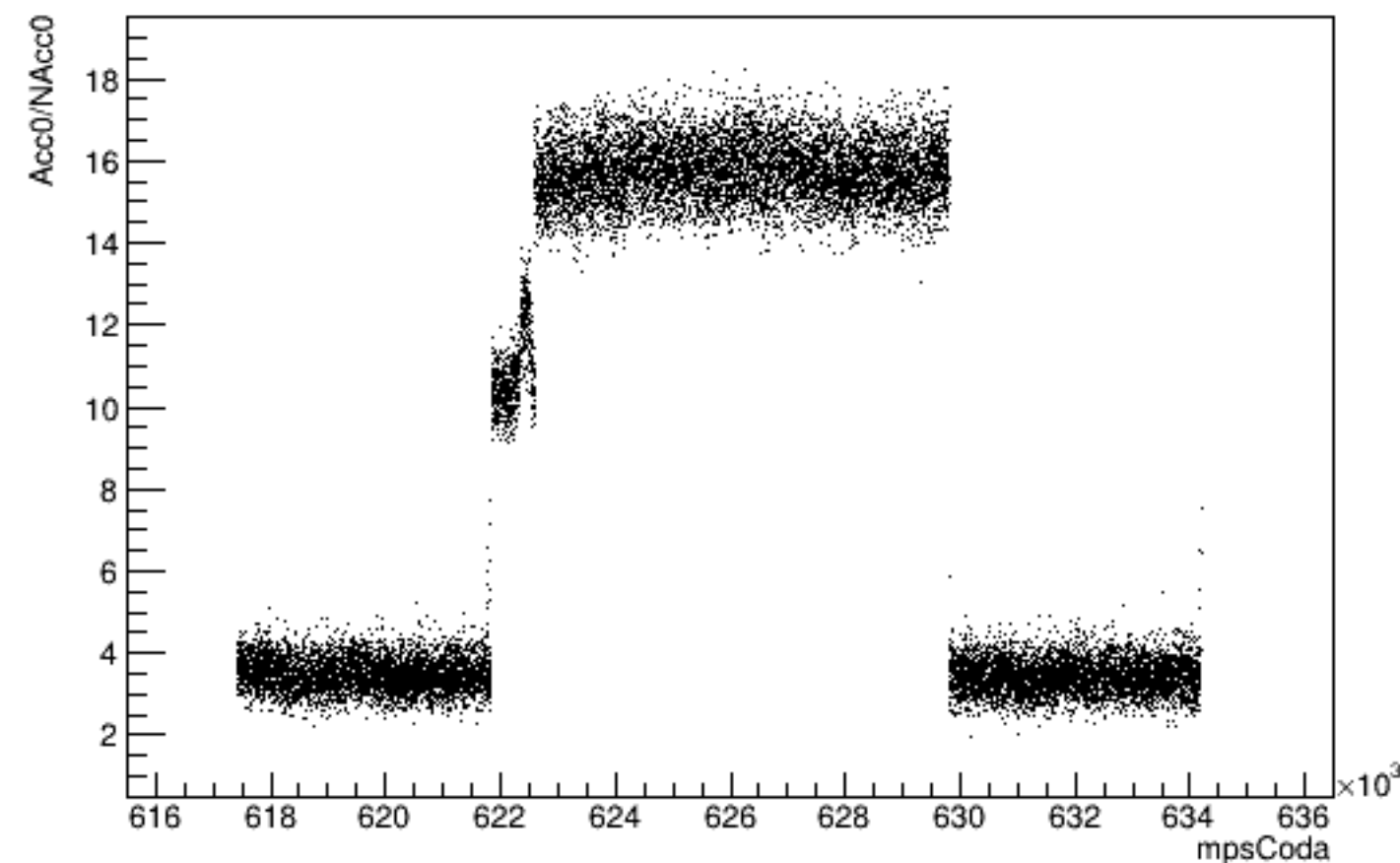
Mean: -0.0005 +/- 0.0005

Std Dev: 0.0169 +/- 0.0004

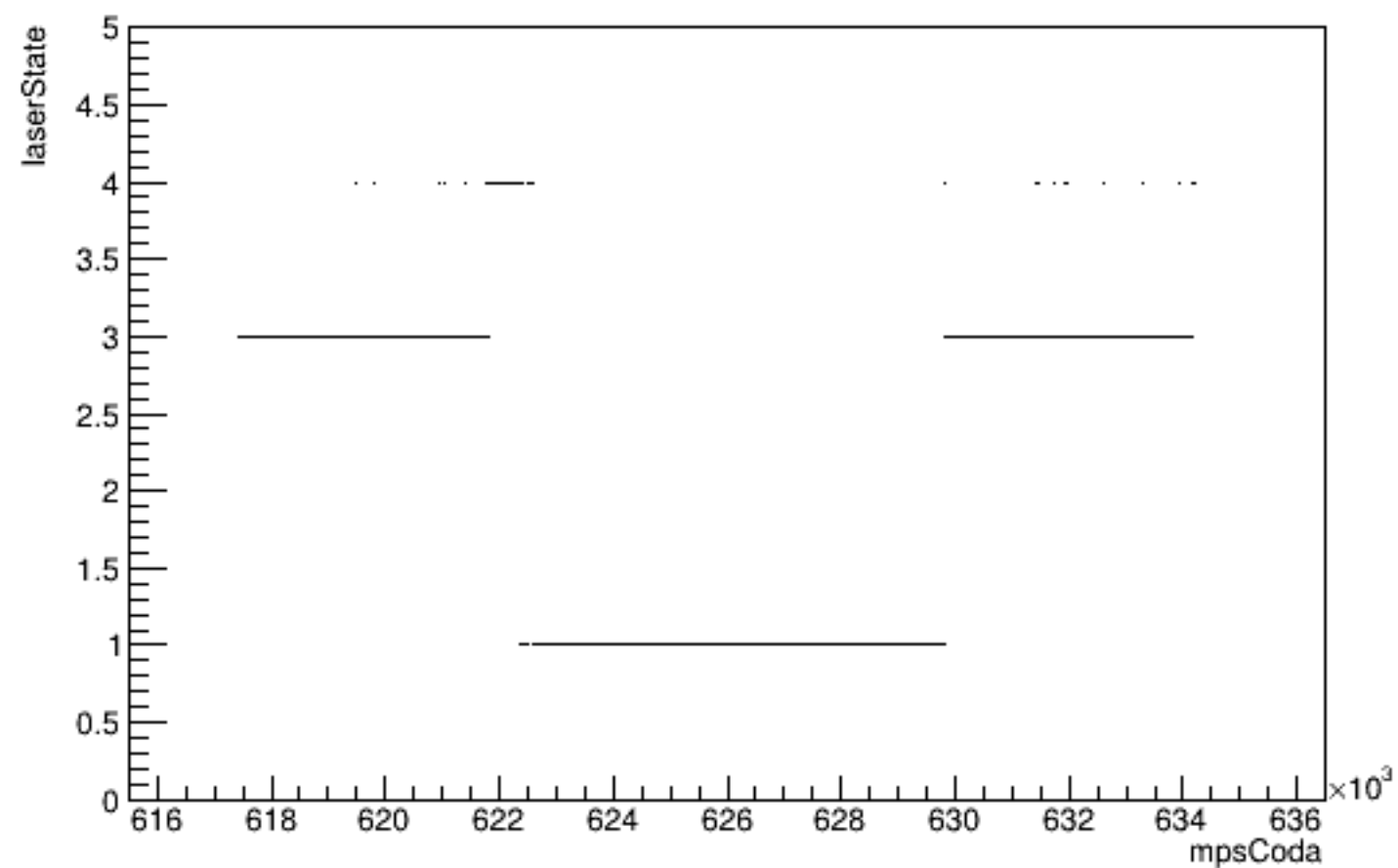
Run 6090 quartetwise, Asyms



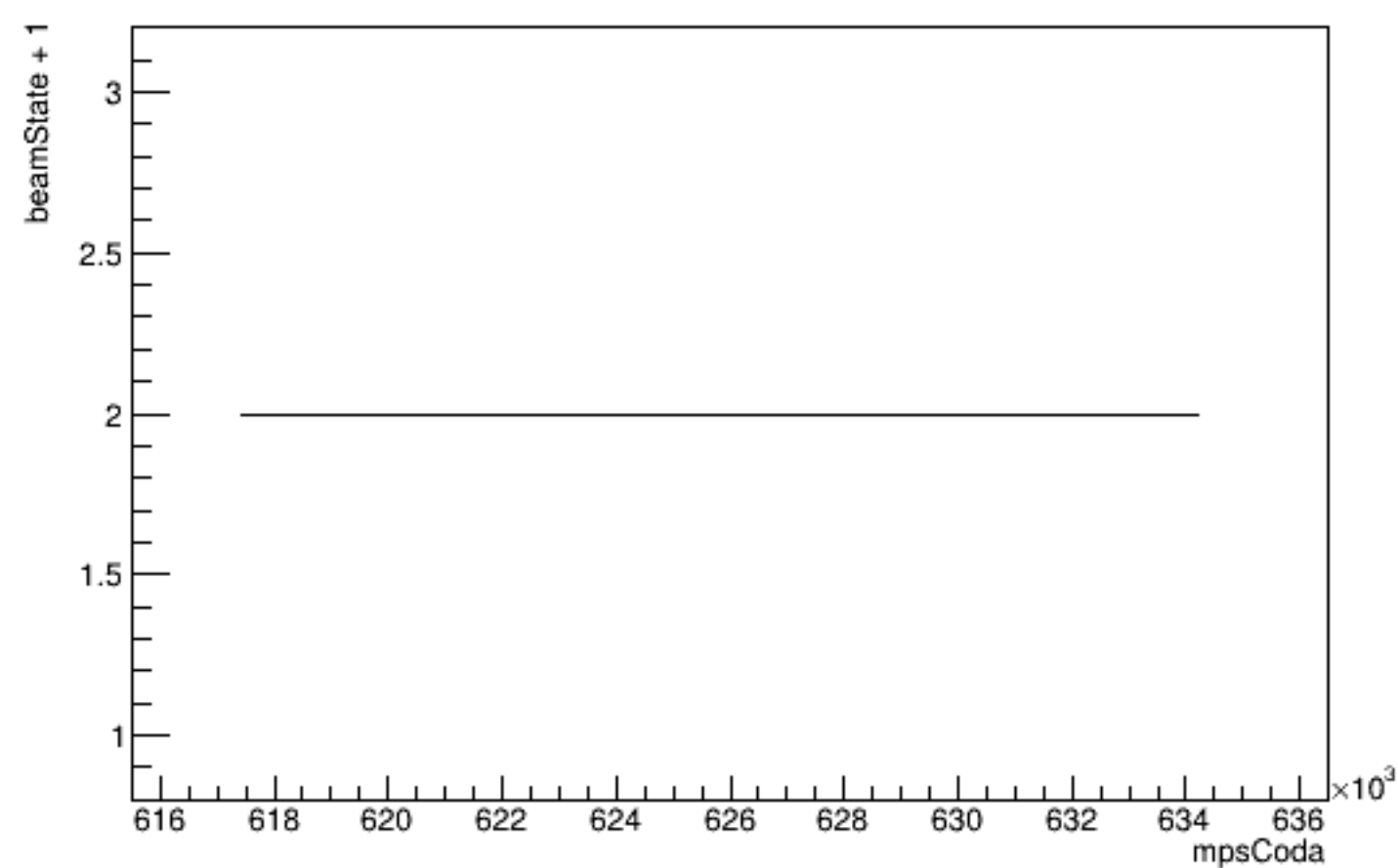
Acc0/NAcc0:mpsCoda (mpsCoda>=617420 && mpsCoda<=634187 && beamState==1)



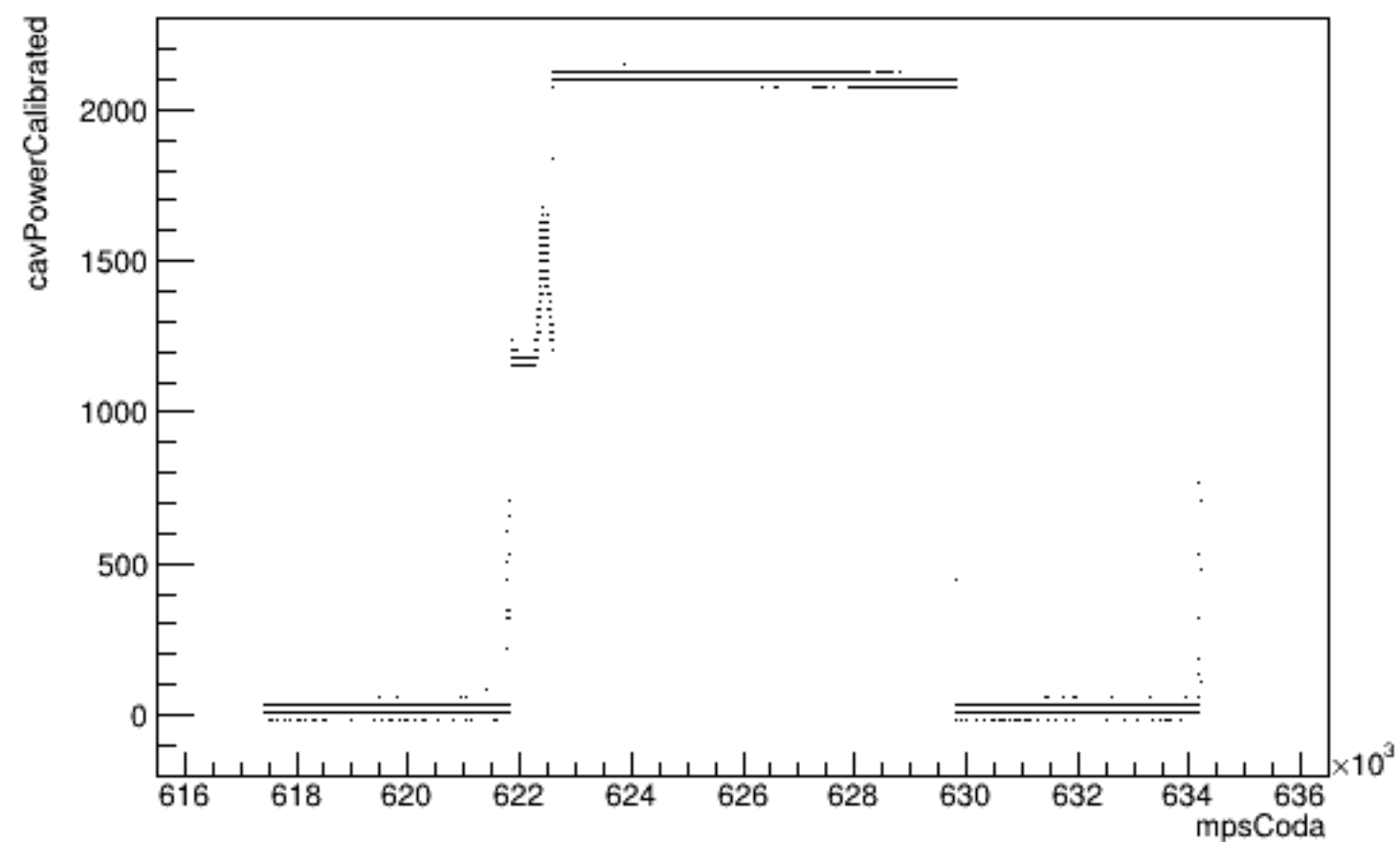
laserState:mpsCoda {mpsCoda>=617420 && mpsCoda<=634187}



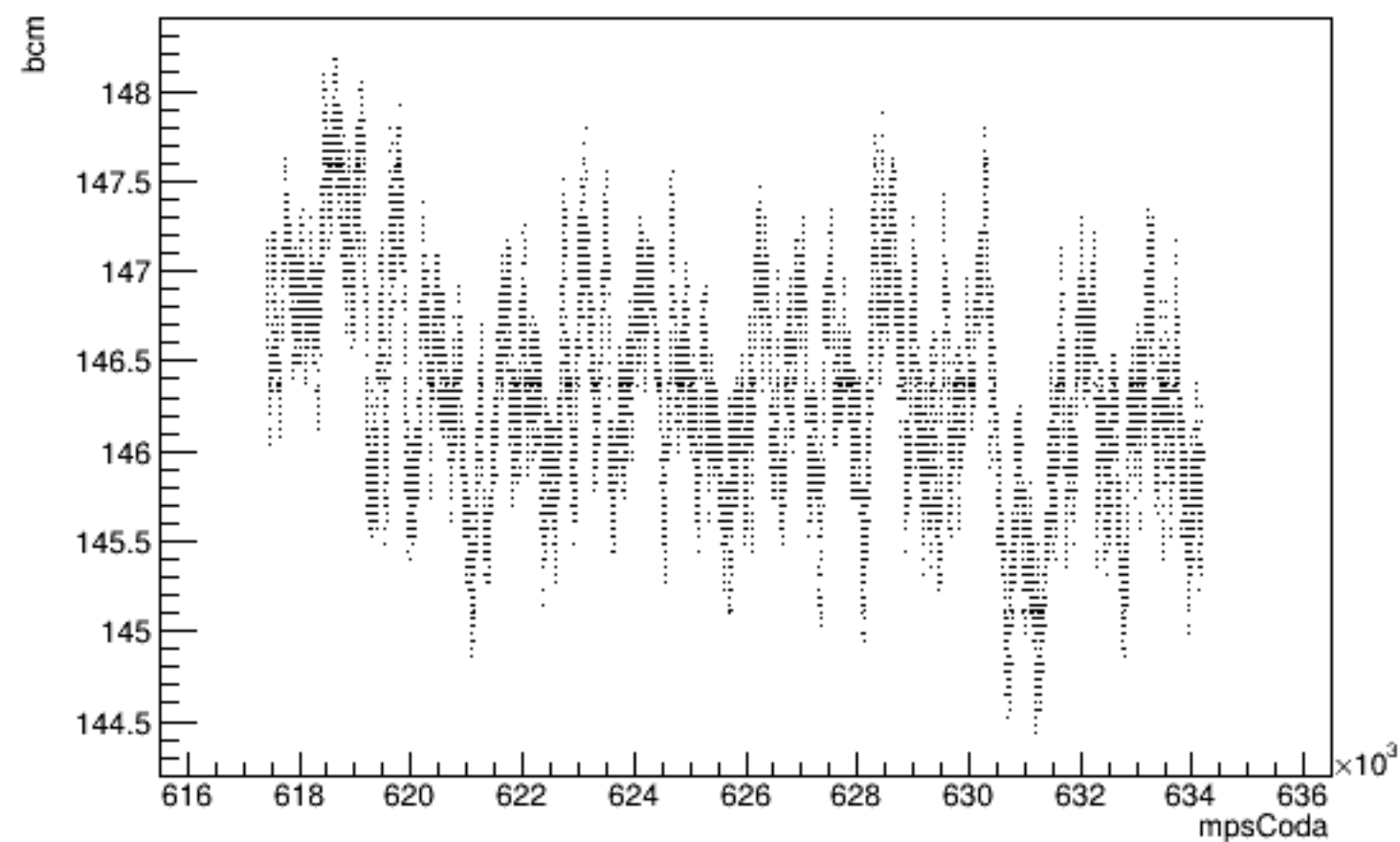
beamState + 1:mpsCoda {mpsCoda>=617420 && mpsCoda<=634187}



cavPowerCalibrated:mpsCoda {mpsCoda>=617420 && mpsCoda<=634187}



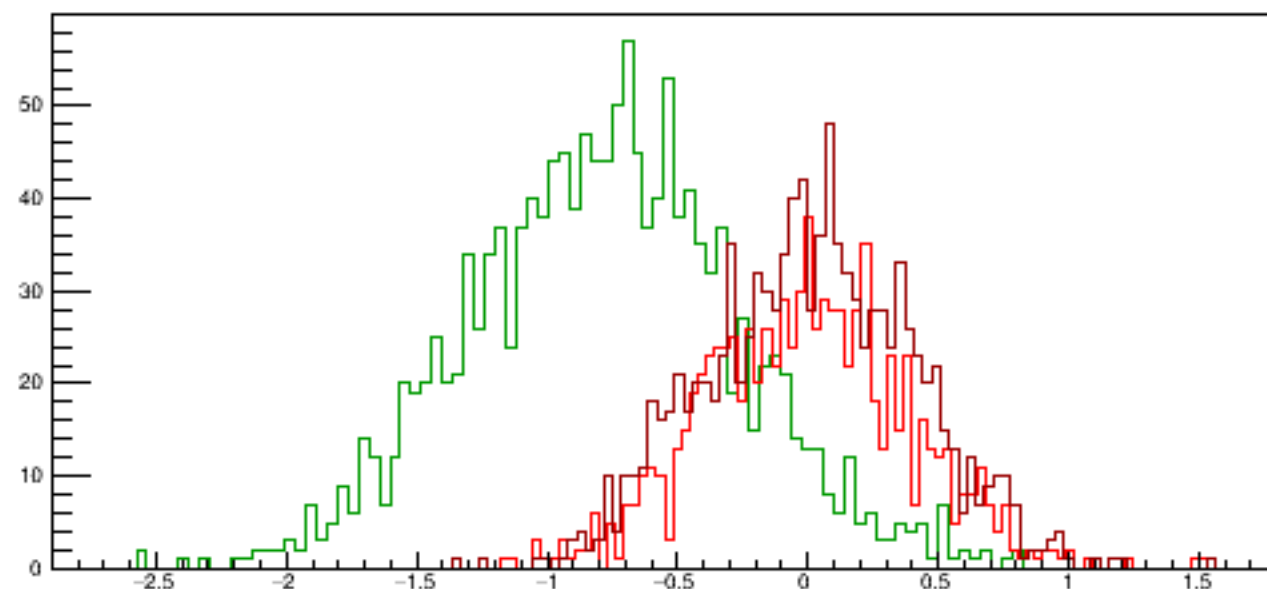
bcm:mpsCoda {mpsCoda>=617420 && mpsCoda<=634187}



Cycle 27, Diffs

Entries: 888	Entries: 1456	Entries: 1060
Mean: -0.0076 +/- 0.0131	Mean: -0.7841 +/- 0.0136	Mean: 0.0086 +/- 0.0123
Std Dev: 0.3911 +/- 0.0093	Std Dev: 0.5182 +/- 0.0096	Std Dev: 0.3991 +/- 0.0087

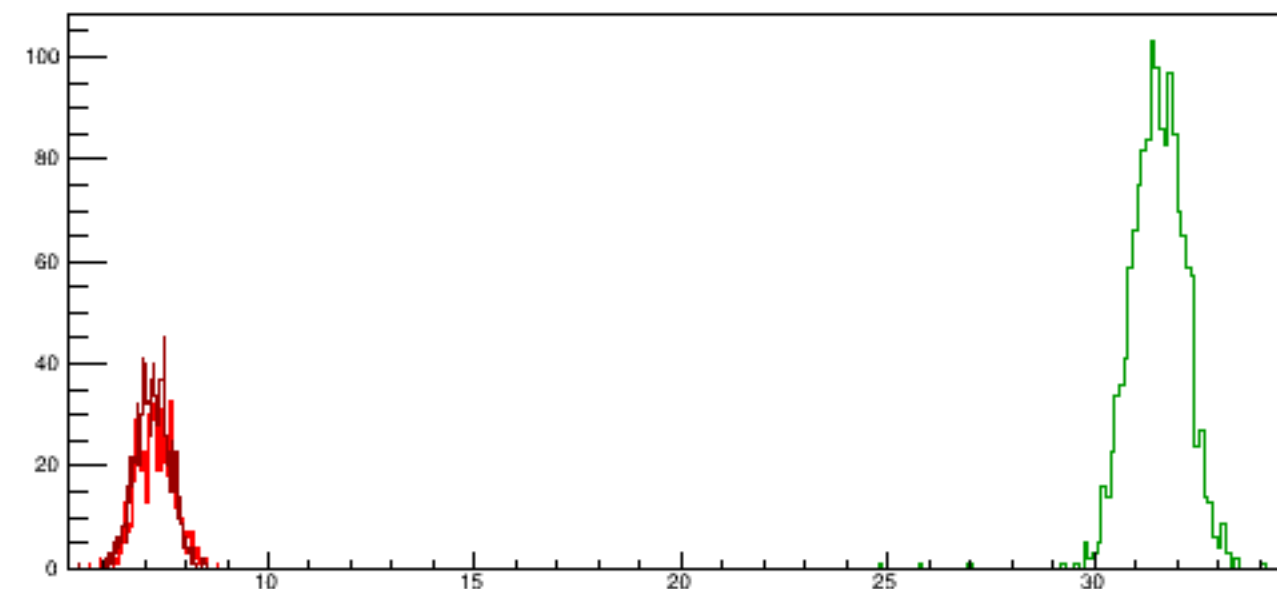
Run 6090 quartetwise, Diffs



Cycle 27, Sums

Entries: 888	Entries: 1456	Entries: 1060
Mean: 7.2609 +/- 0.0151	Mean: 31.5284 +/- 0.0180	Mean: 7.2039 +/- 0.0127
Std Dev: 0.4503 +/- 0.0107	Std Dev: 0.6868 +/- 0.0127	Std Dev: 0.4124 +/- 0.0090

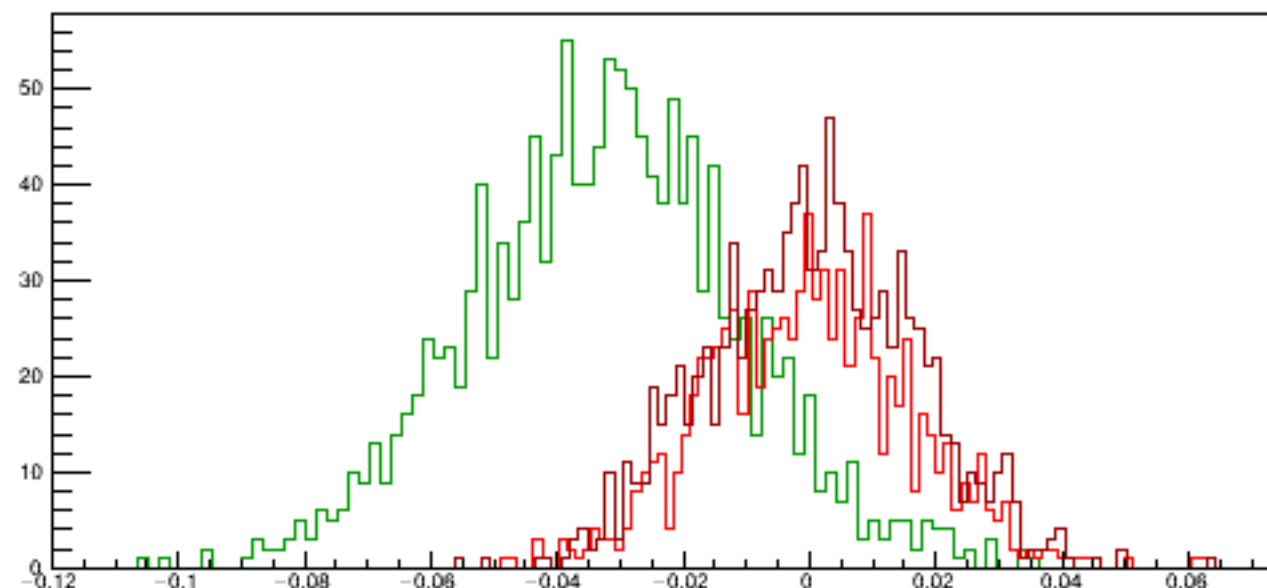
Run 6090 quartetwise, Sums



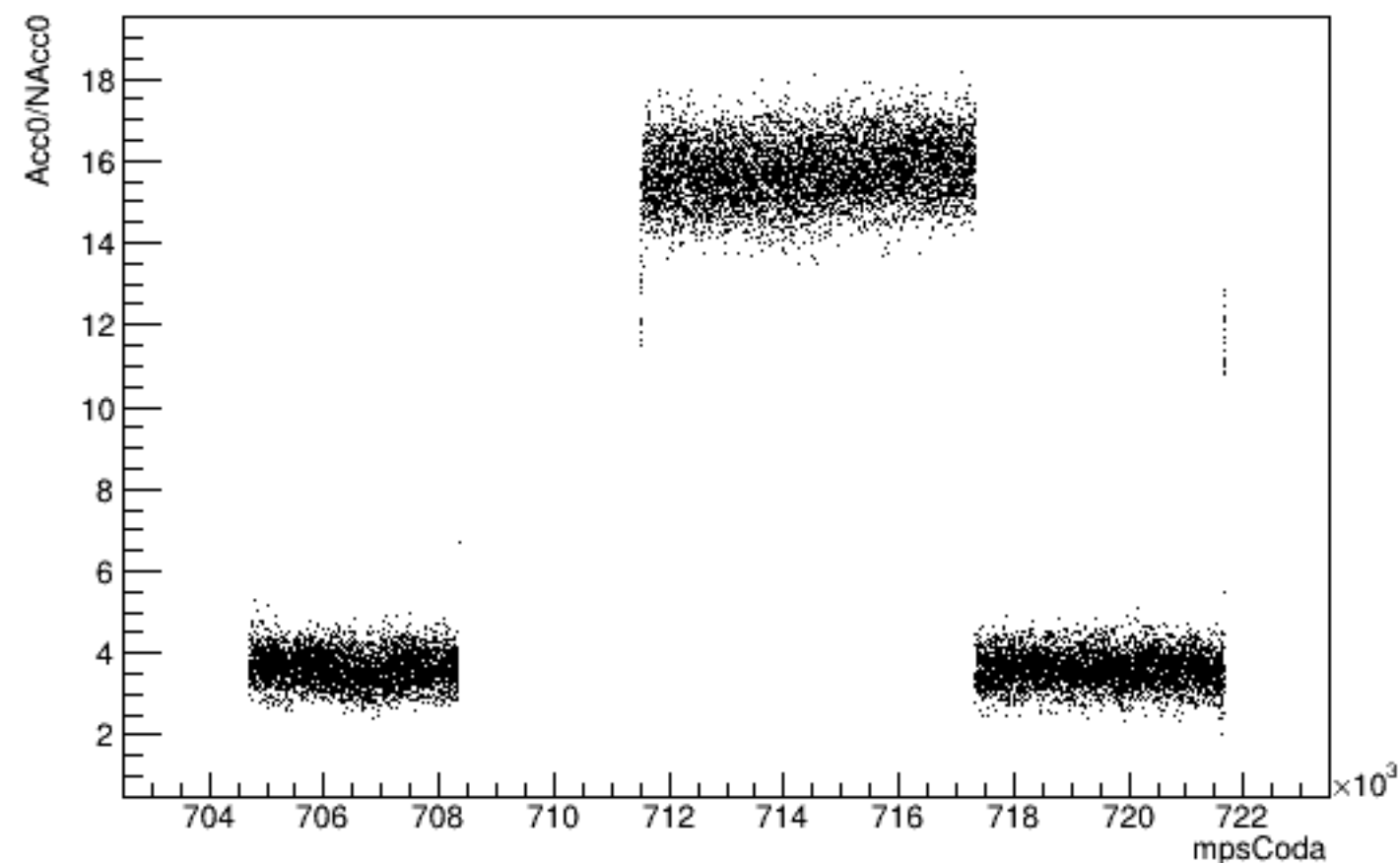
Cycle 27, Asyms

Entries: 888	Entries: 1456	Entries: 1060
Mean: -0.0003 +/- 0.0005	Mean: -0.0323 +/- 0.0006	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0161 +/- 0.0004	Std Dev: 0.0214 +/- 0.0004	Std Dev: 0.0164 +/- 0.0004

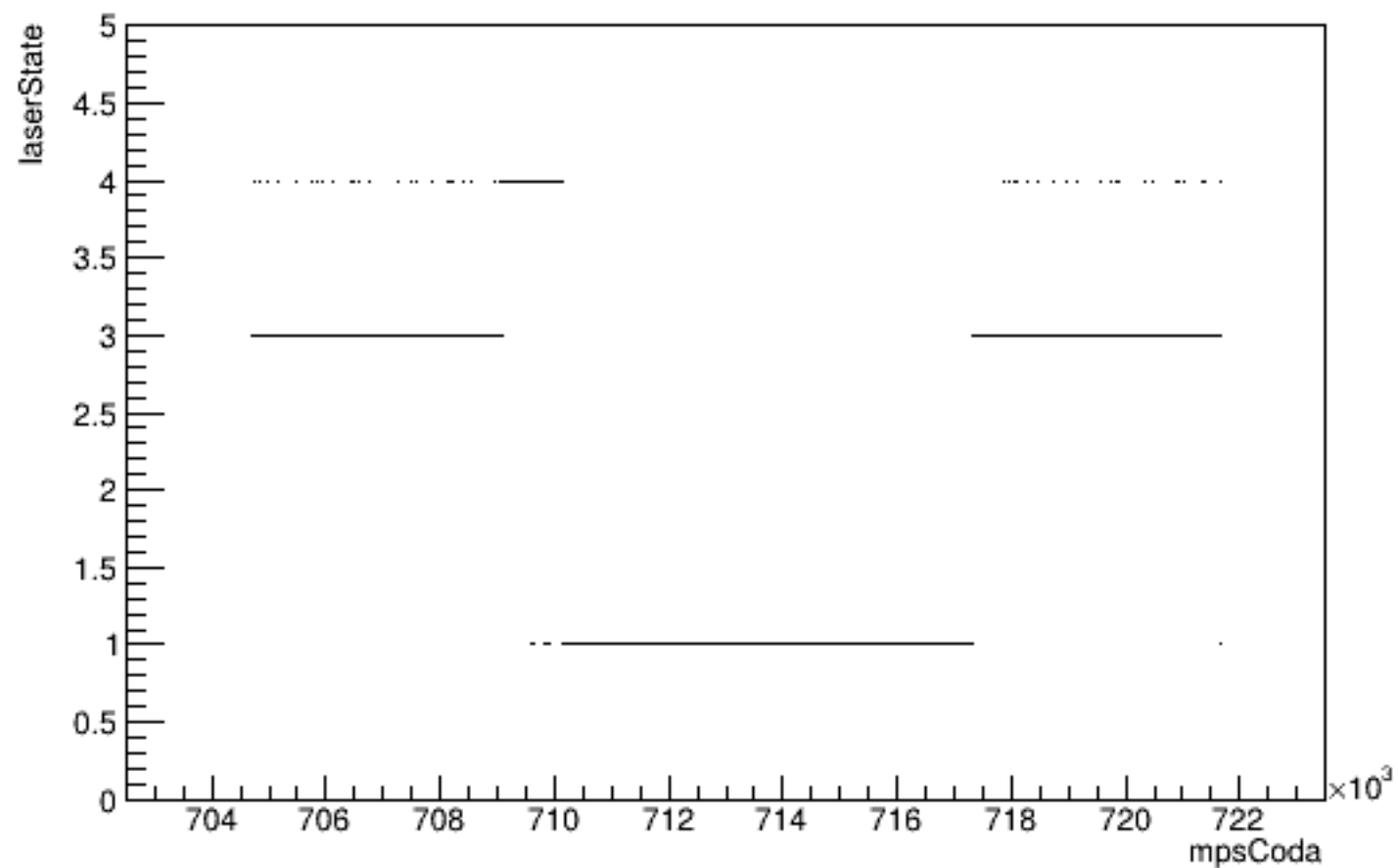
Run 6090 quartetwise, Asyms



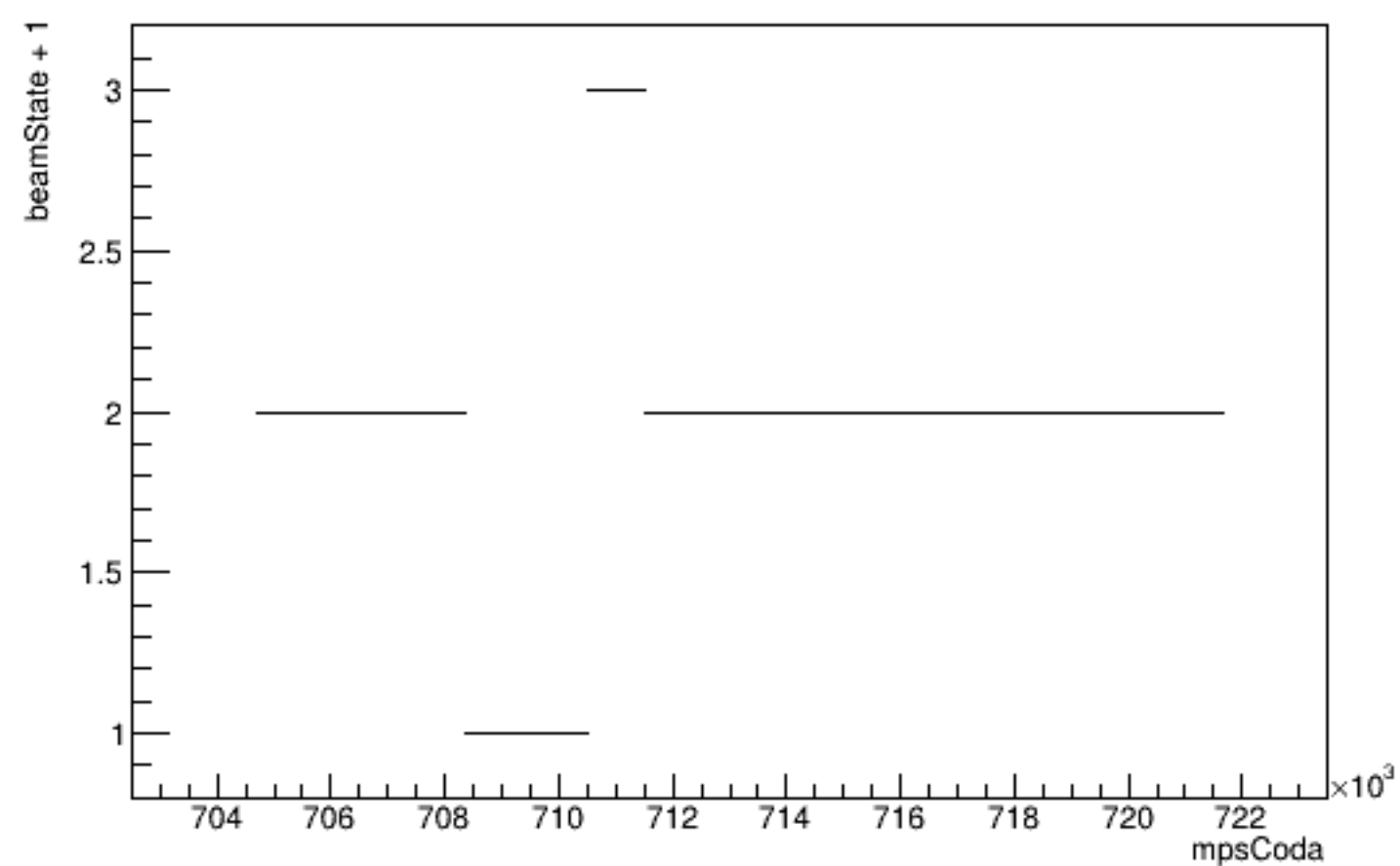
Acc0/NAcc0:mpsCoda (mpsCoda>=704700 && mpsCoda<=721683 && beamState==1)



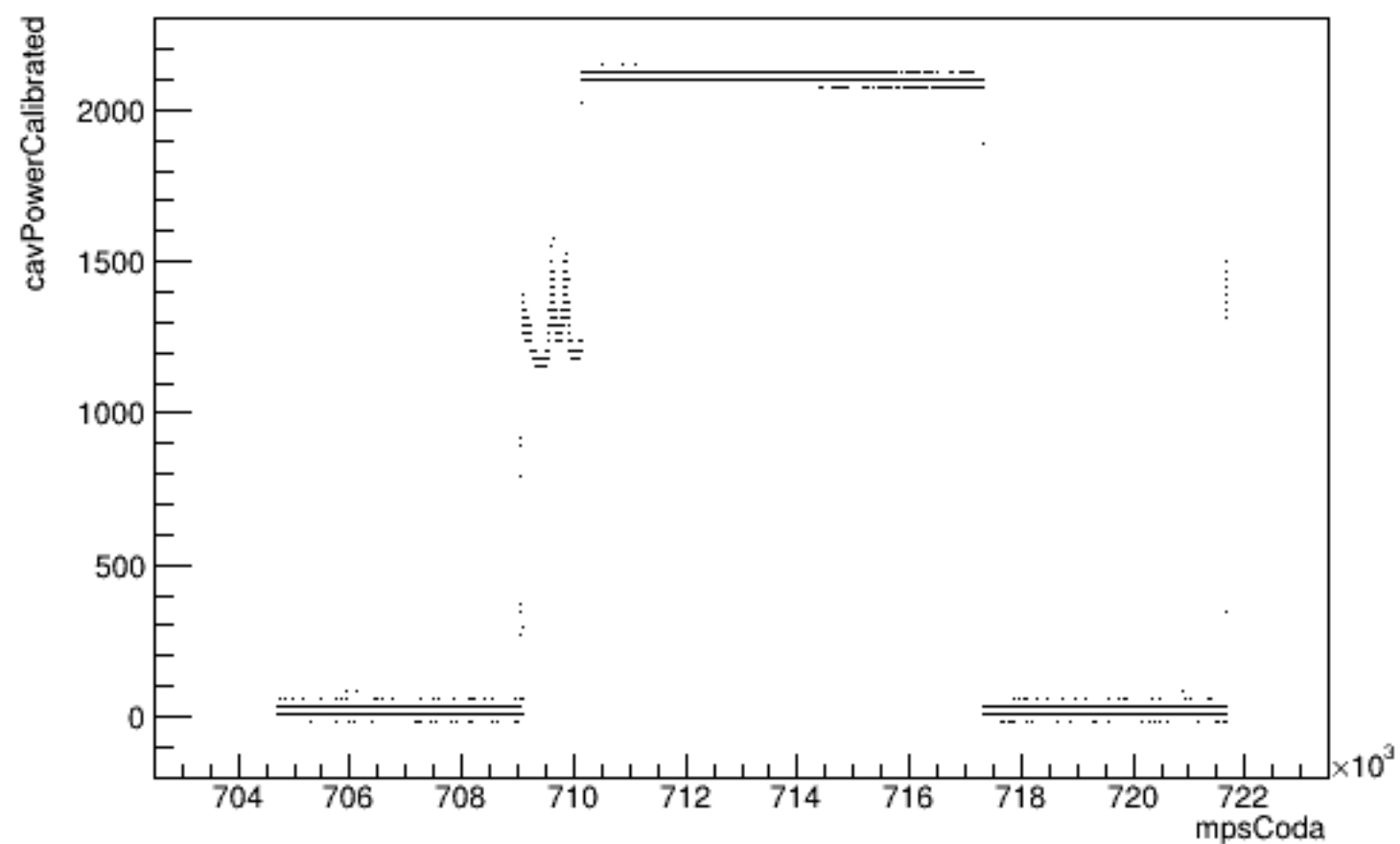
laserState:mpsCoda {mpsCoda>=704700 && mpsCoda<=721683}



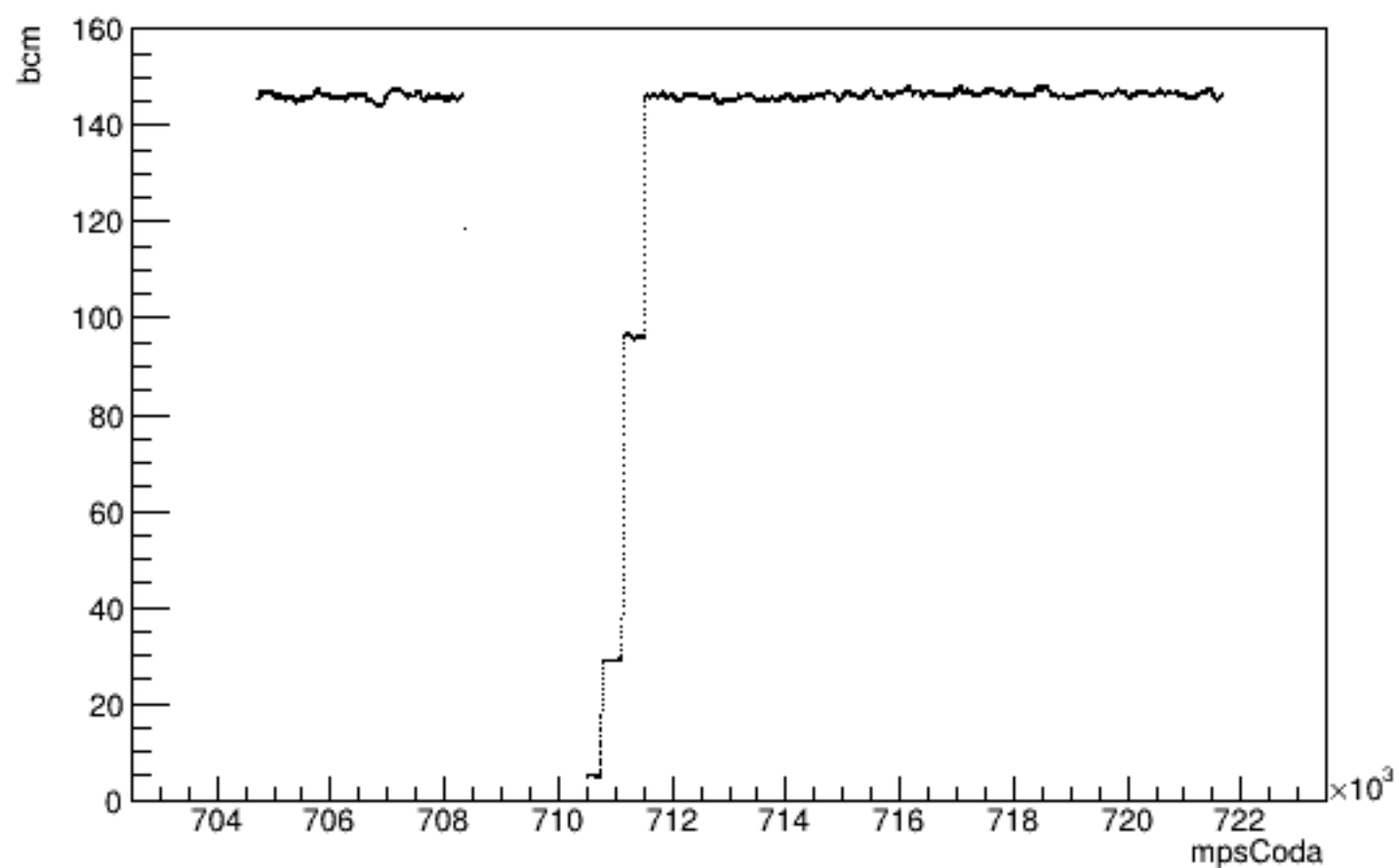
beamState + 1:mpsCoda {mpsCoda>=704700 && mpsCoda<=721683}



cavPowerCalibrated:mpsCoda {mpsCoda>=704700 && mpsCoda<=721683}



bcm:mpsCoda {mpsCoda>=704700 && mpsCoda<=721683}



Cycle 28, Diffs

Entries: 1060

Mean: 0.0086 +/- 0.0123

Std Dev: 0.3991 +/- 0.0087

Entries: 1807

Mean: -0.7745 +/- 0.0126

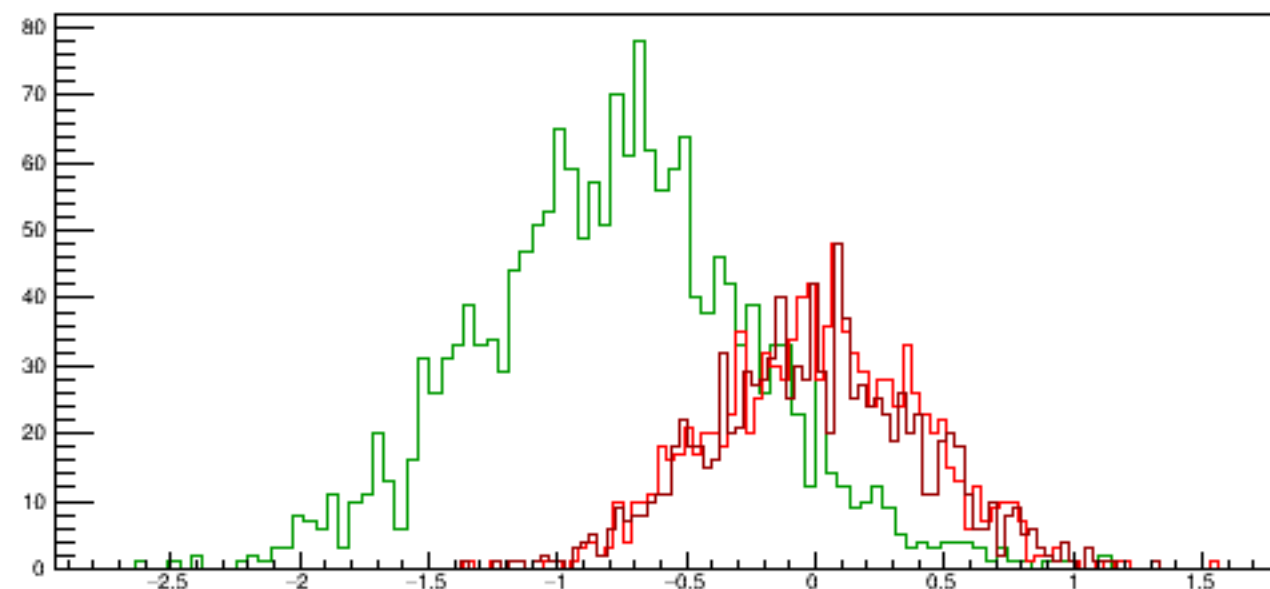
Std Dev: 0.5345 +/- 0.0089

Entries: 1059

Mean: -0.0099 +/- 0.0127

Std Dev: 0.4132 +/- 0.0090

Run 6090 quartetwise, Diffs



Cycle 28, Sums

Entries: 1060

Mean: 7.2039 +/- 0.0127

Std Dev: 0.4124 +/- 0.0090

Entries: 1807

Mean: 32.2326 +/- 0.0175

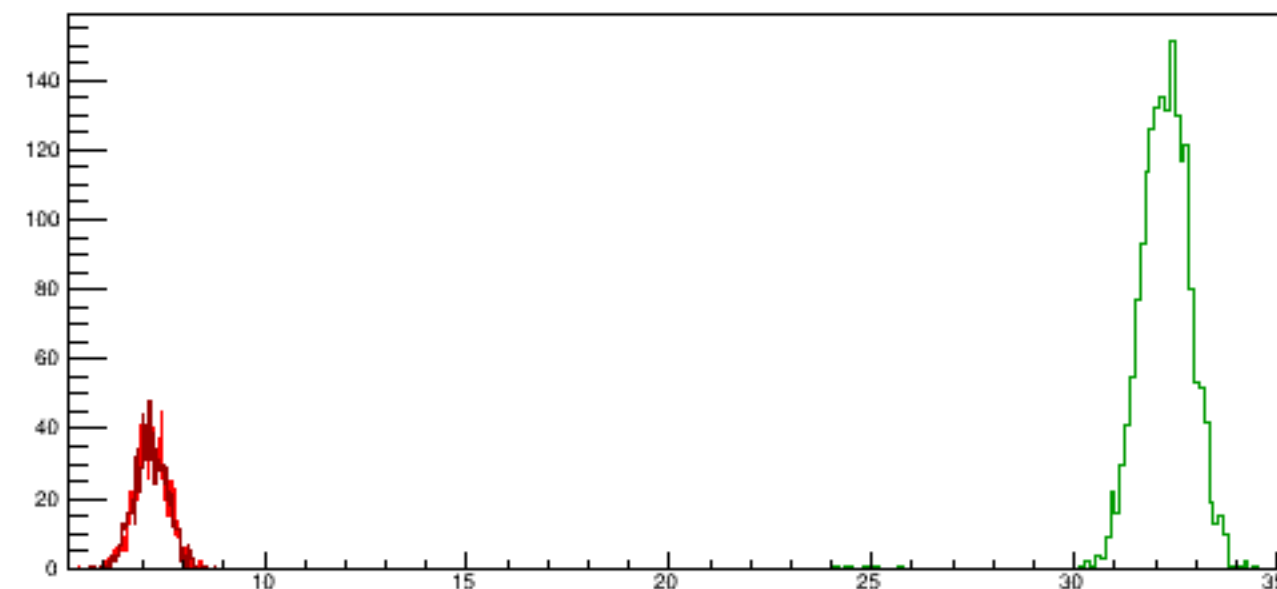
Std Dev: 0.7444 +/- 0.0124

Entries: 1059

Mean: 7.1939 +/- 0.0128

Std Dev: 0.4163 +/- 0.0090

Run 6090 quartetwise, Sums



Cycle 28, Asyms

Entries: 1060

Mean: 0.0003 +/- 0.0005

Std Dev: 0.0159 +/- 0.0003

Entries: 1807

Mean: -0.0310 +/- 0.0005

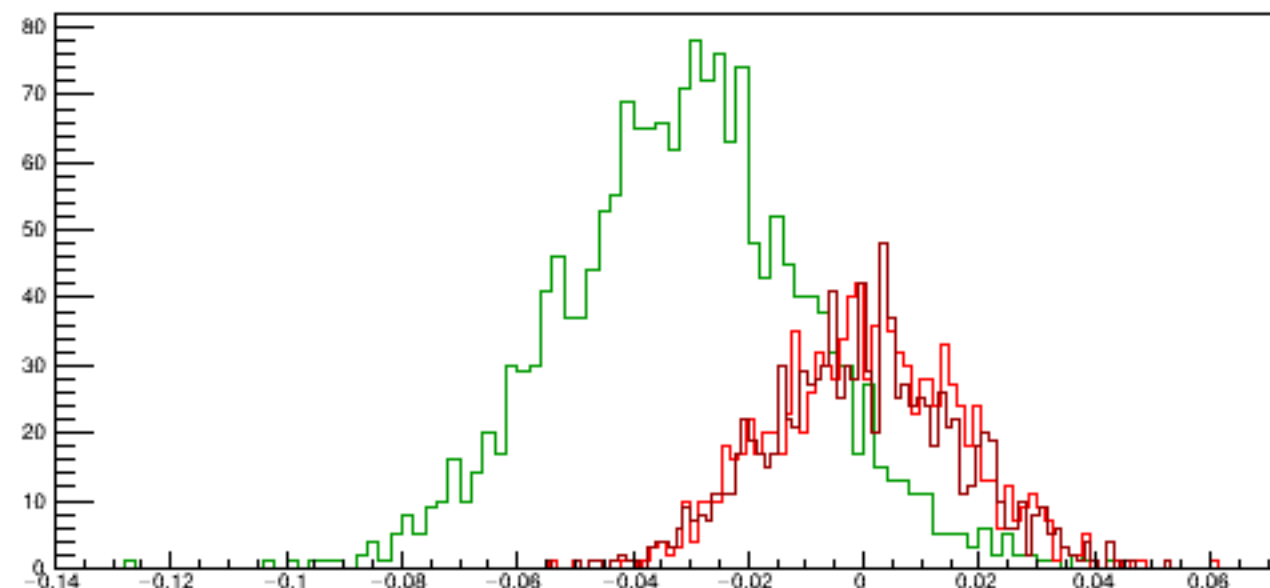
Std Dev: 0.0214 +/- 0.0004

Entries: 1059

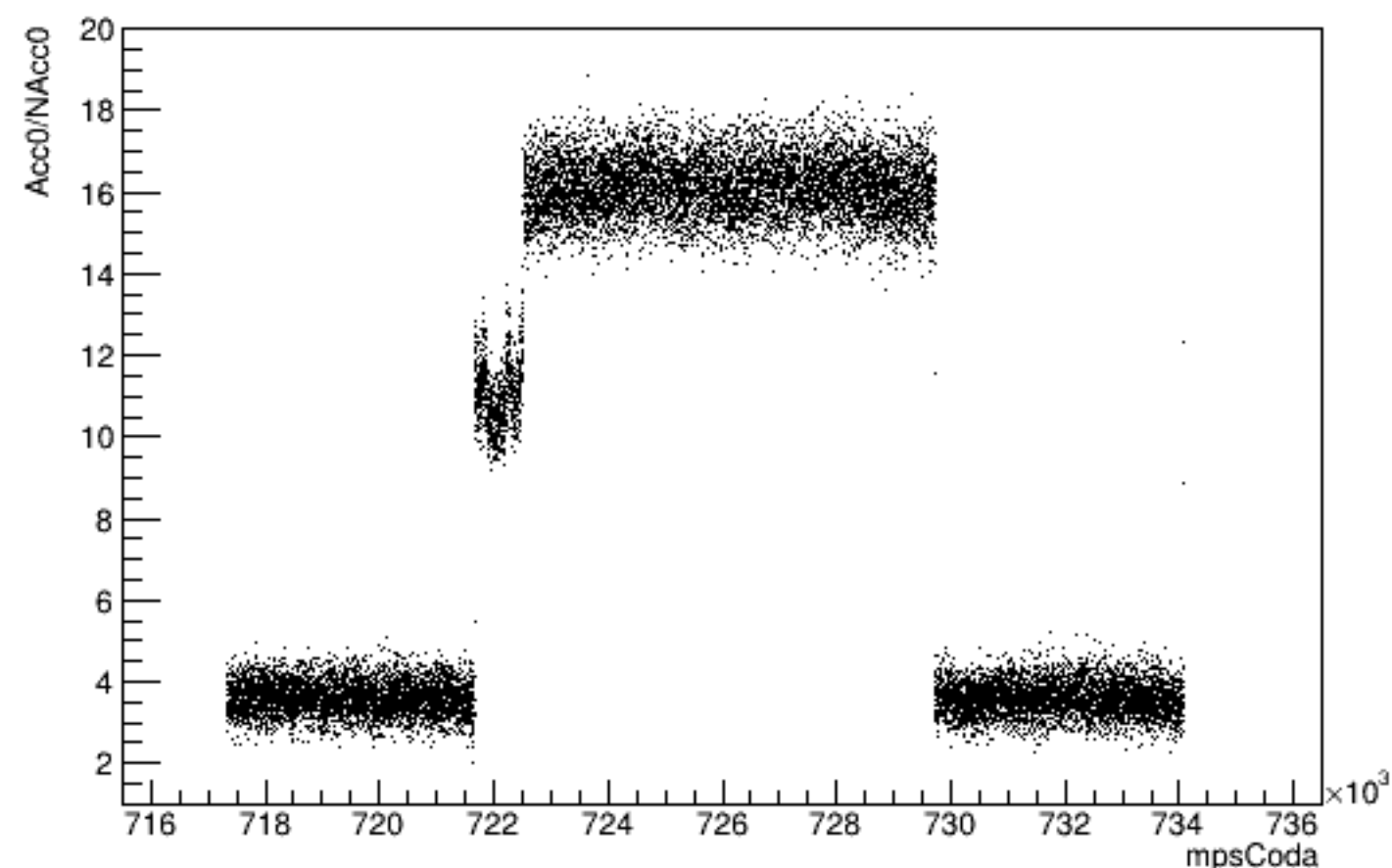
Mean: -0.0004 +/- 0.0005

Std Dev: 0.0165 +/- 0.0004

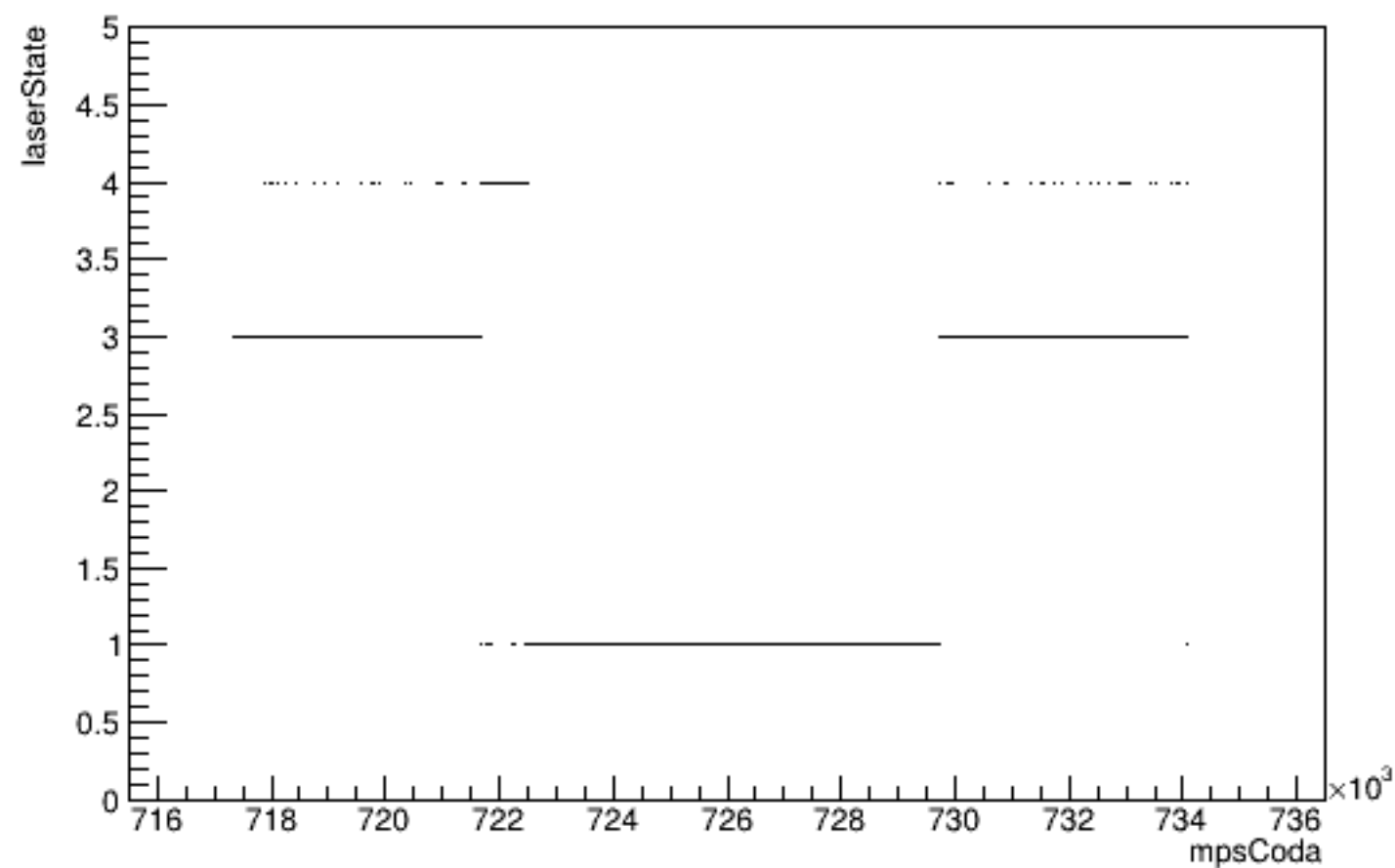
Run 6090 quartetwise, Asyms



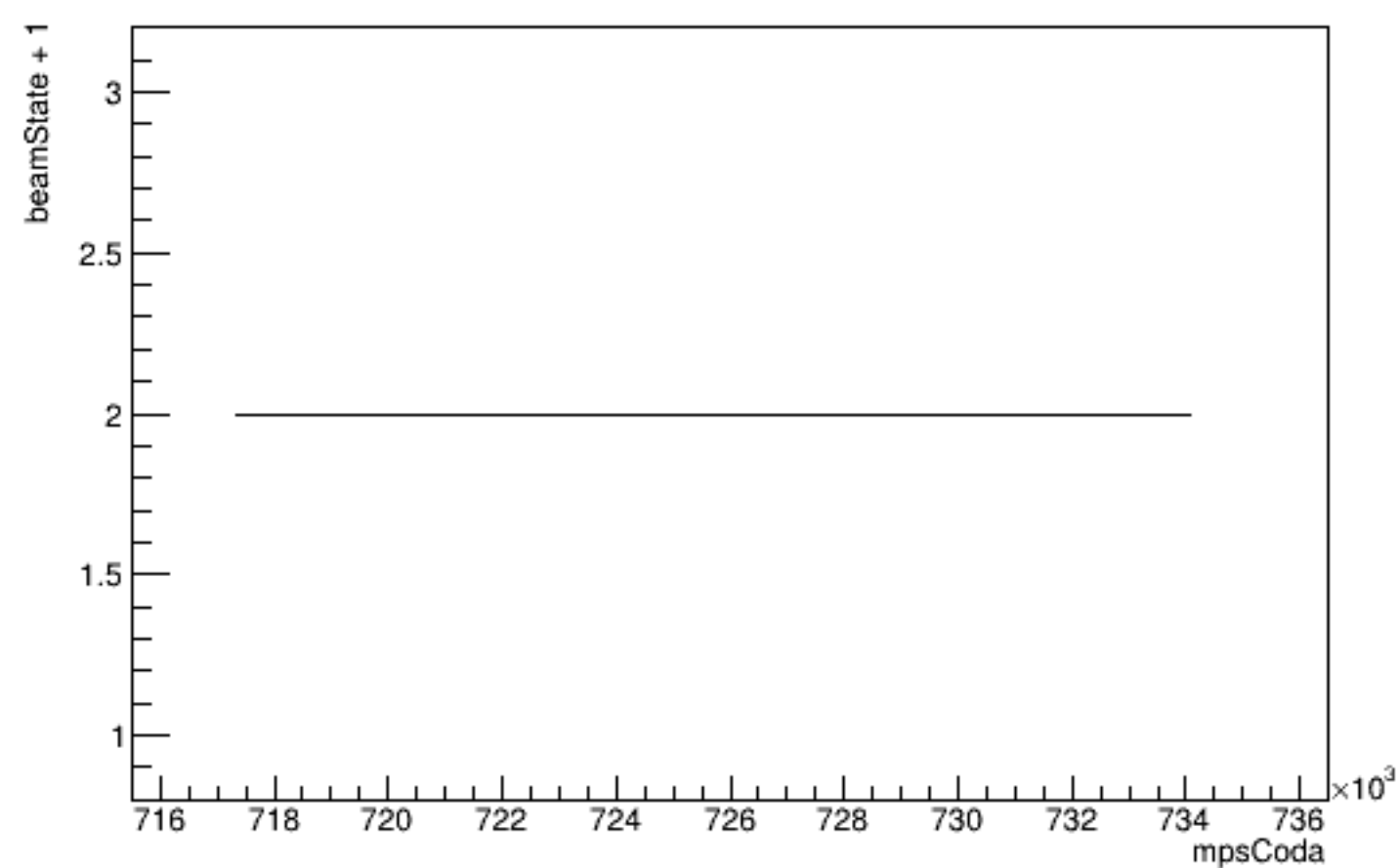
Acc0/NAcc0:mpsCoda (mpsCoda>=717336 && mpsCoda<=734067 && beamState==1)



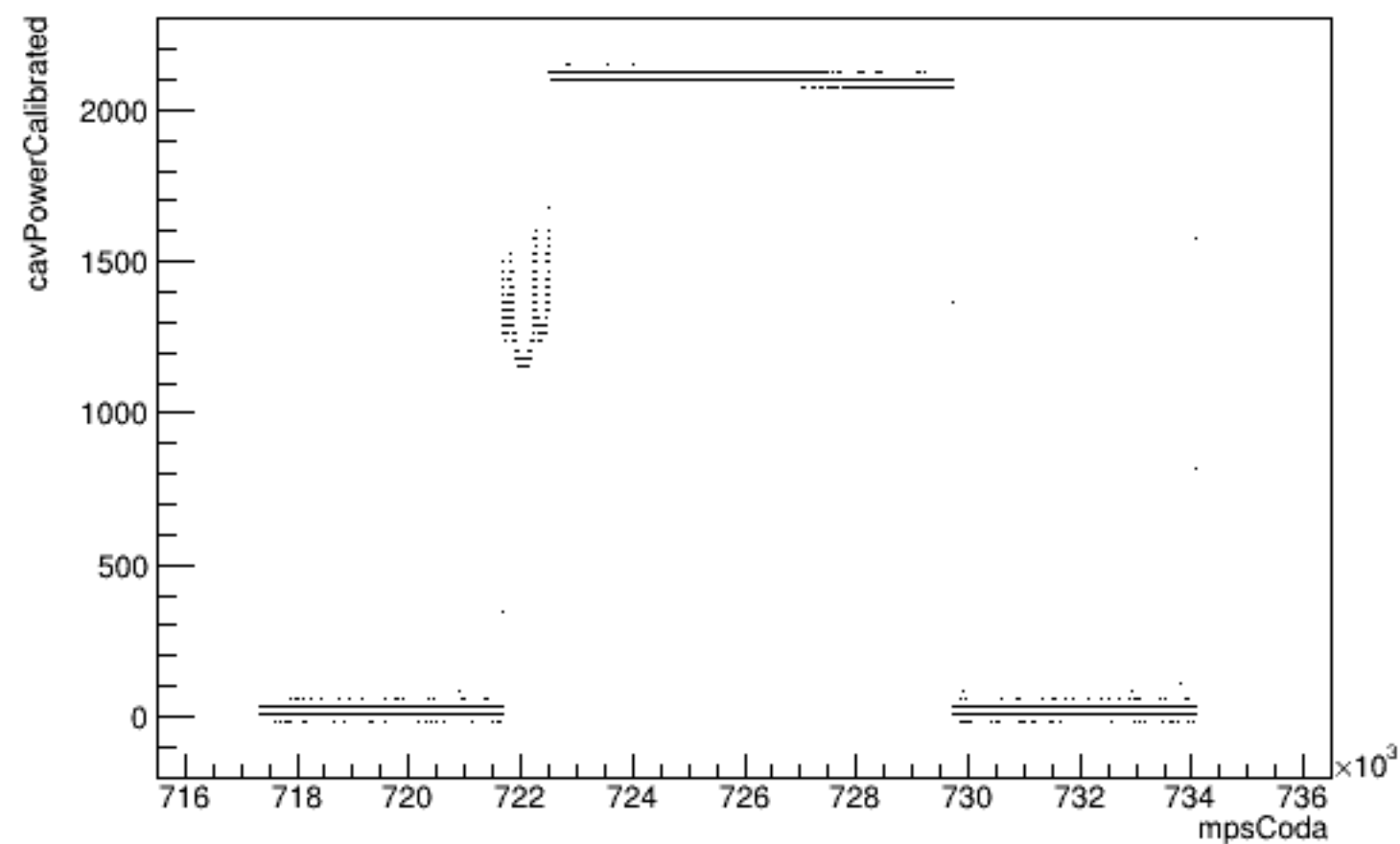
laserState:mpsCoda {mpsCoda>=717336 && mpsCoda<=734067}



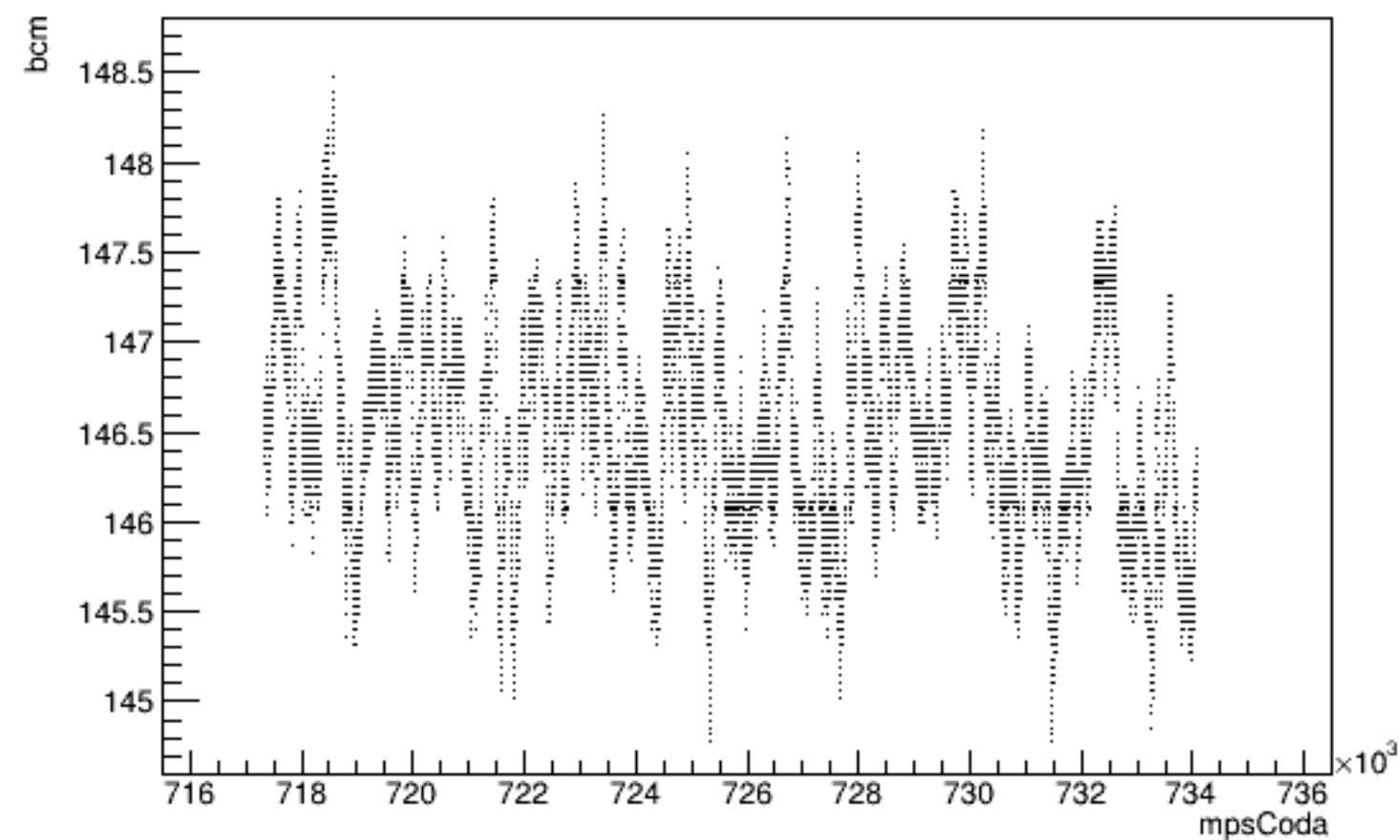
beamState + 1:mpsCoda {mpsCoda>=717336 && mpsCoda<=734067}



cavPowerCalibrated:mpsCoda {mpsCoda>=717336 && mpsCoda<=734067}



bcm:mpsCoda {mpsCoda>=717336 && mpsCoda<=734067}



Cycle 29, Diffs

Entries: 1059

Mean: -0.0099 +/- 0.0127

Std Dev: 0.4132 +/- 0.0090

Entries: 1807

Mean: -0.7814 +/- 0.0130

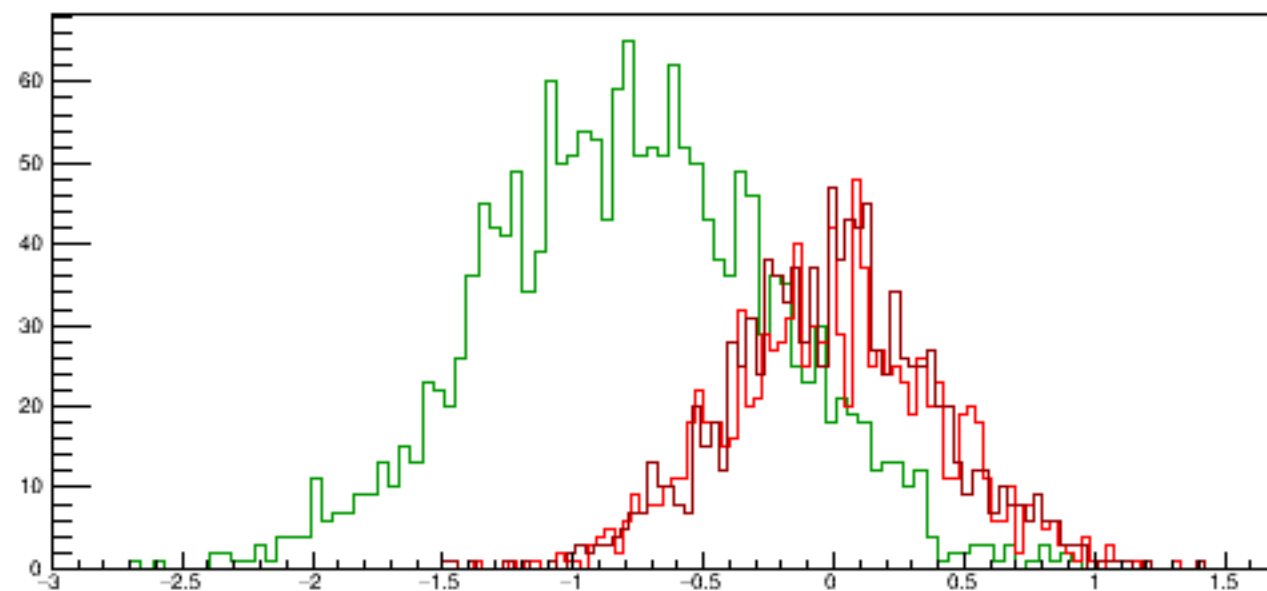
Std Dev: 0.5547 +/- 0.0092

Entries: 1061

Mean: -0.0074 +/- 0.0124

Std Dev: 0.4037 +/- 0.0088

Run 6090 quartetwise, Diffs



Cycle 29, Sums

Entries: 1059

Mean: 7.1939 +/- 0.0128

Std Dev: 0.4163 +/- 0.0090

Entries: 1807

Mean: 31.7532 +/- 0.0184

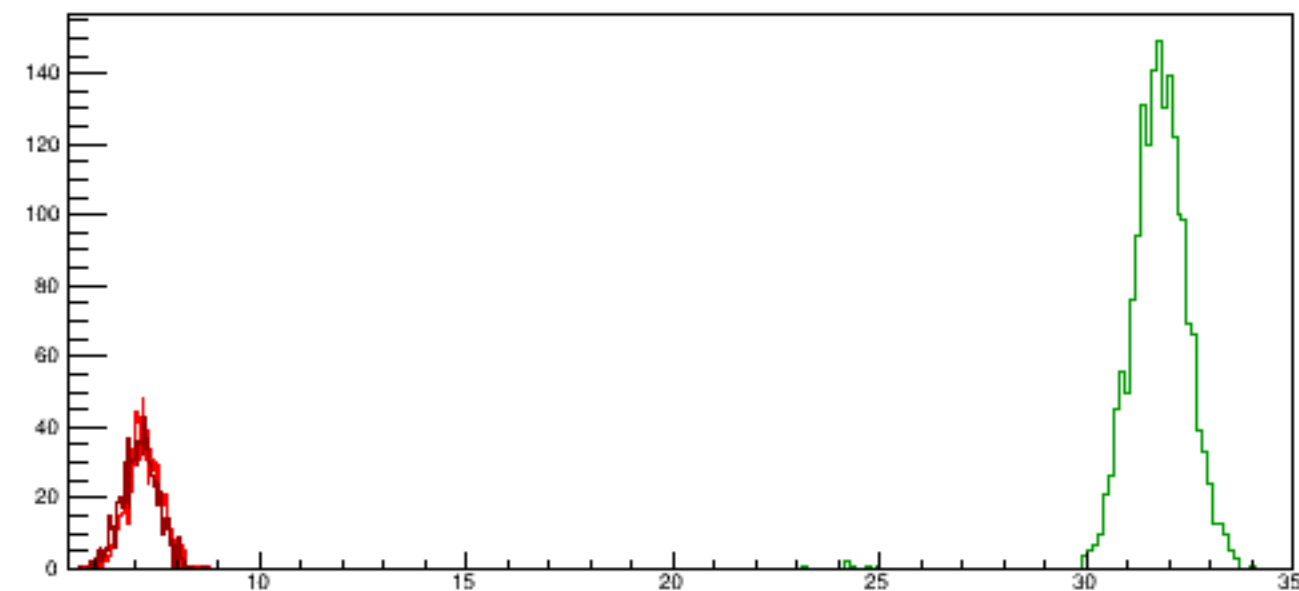
Std Dev: 0.7817 +/- 0.0130

Entries: 1061

Mean: 7.0913 +/- 0.0137

Std Dev: 0.4469 +/- 0.0097

Run 6090 quartetwise, Sums



Cycle 29, Asyms

Entries: 1059

Mean: -0.0004 +/- 0.0005

Std Dev: 0.0168 +/- 0.0004

Entries: 1807

Mean: -0.0317 +/- 0.0005

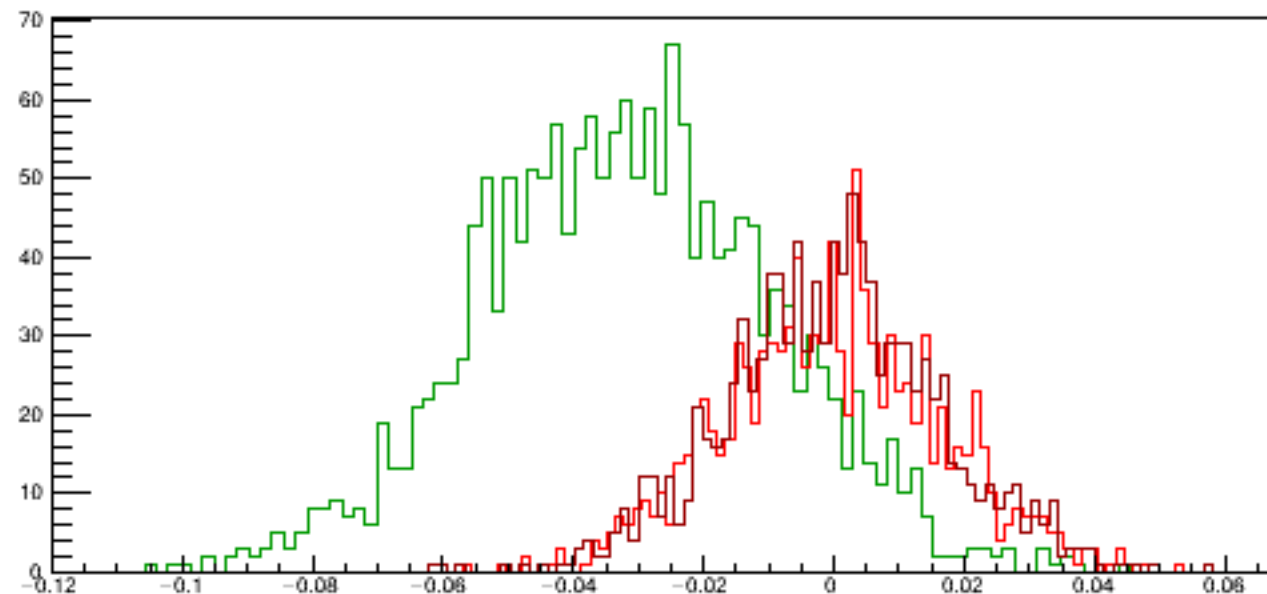
Std Dev: 0.0225 +/- 0.0004

Entries: 1061

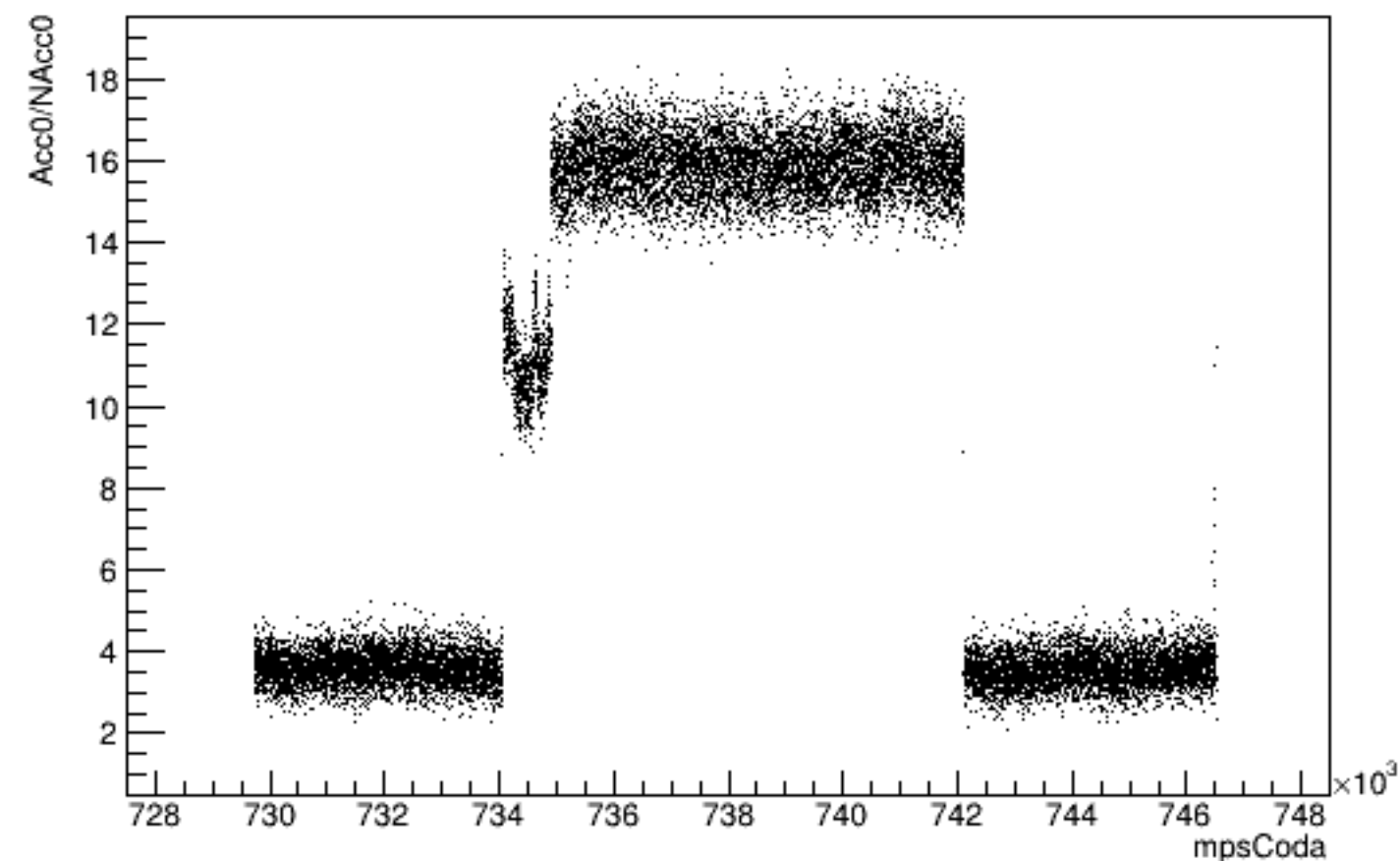
Mean: -0.0003 +/- 0.0005

Std Dev: 0.0164 +/- 0.0004

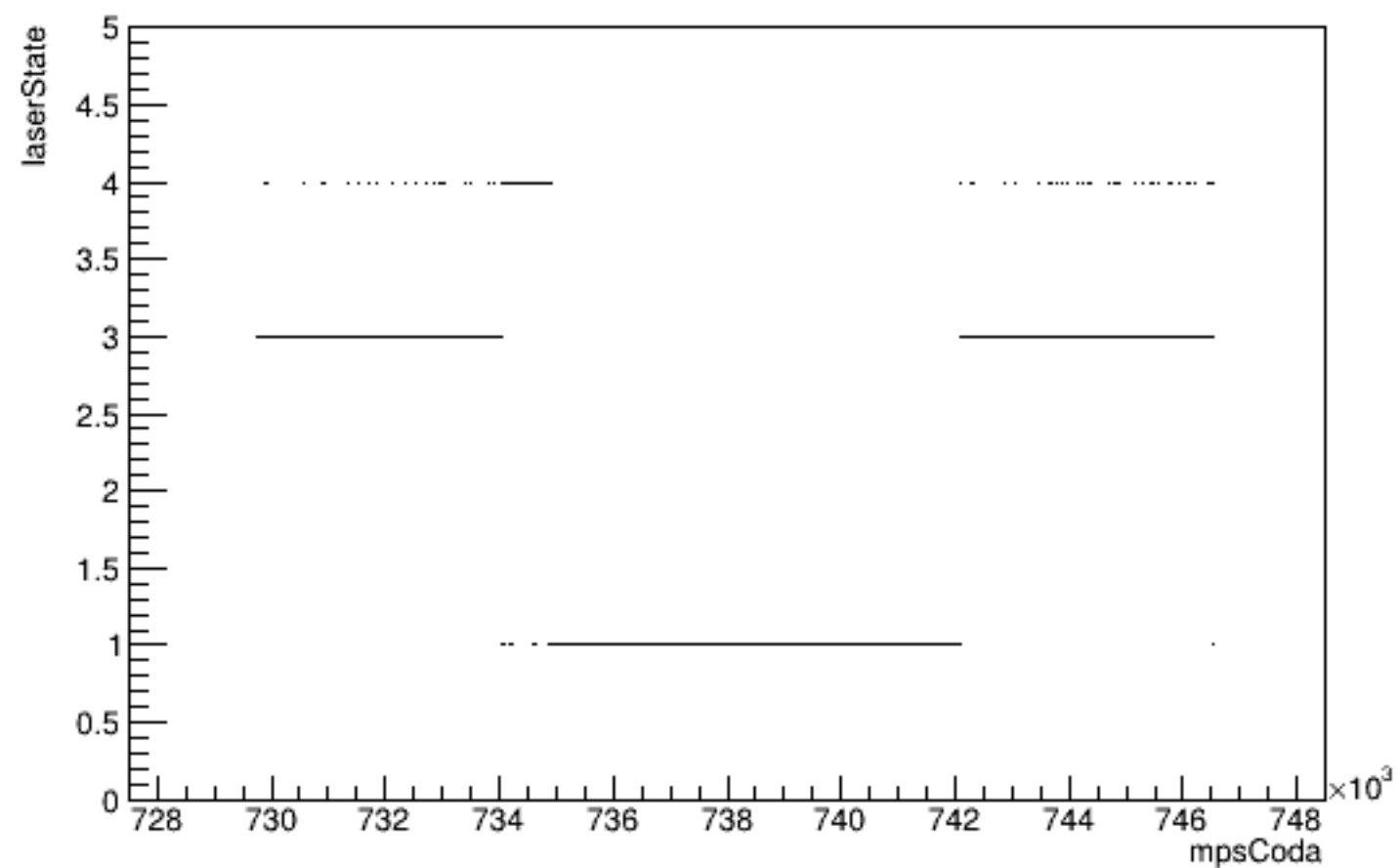
Run 6090 quartetwise, Asyms



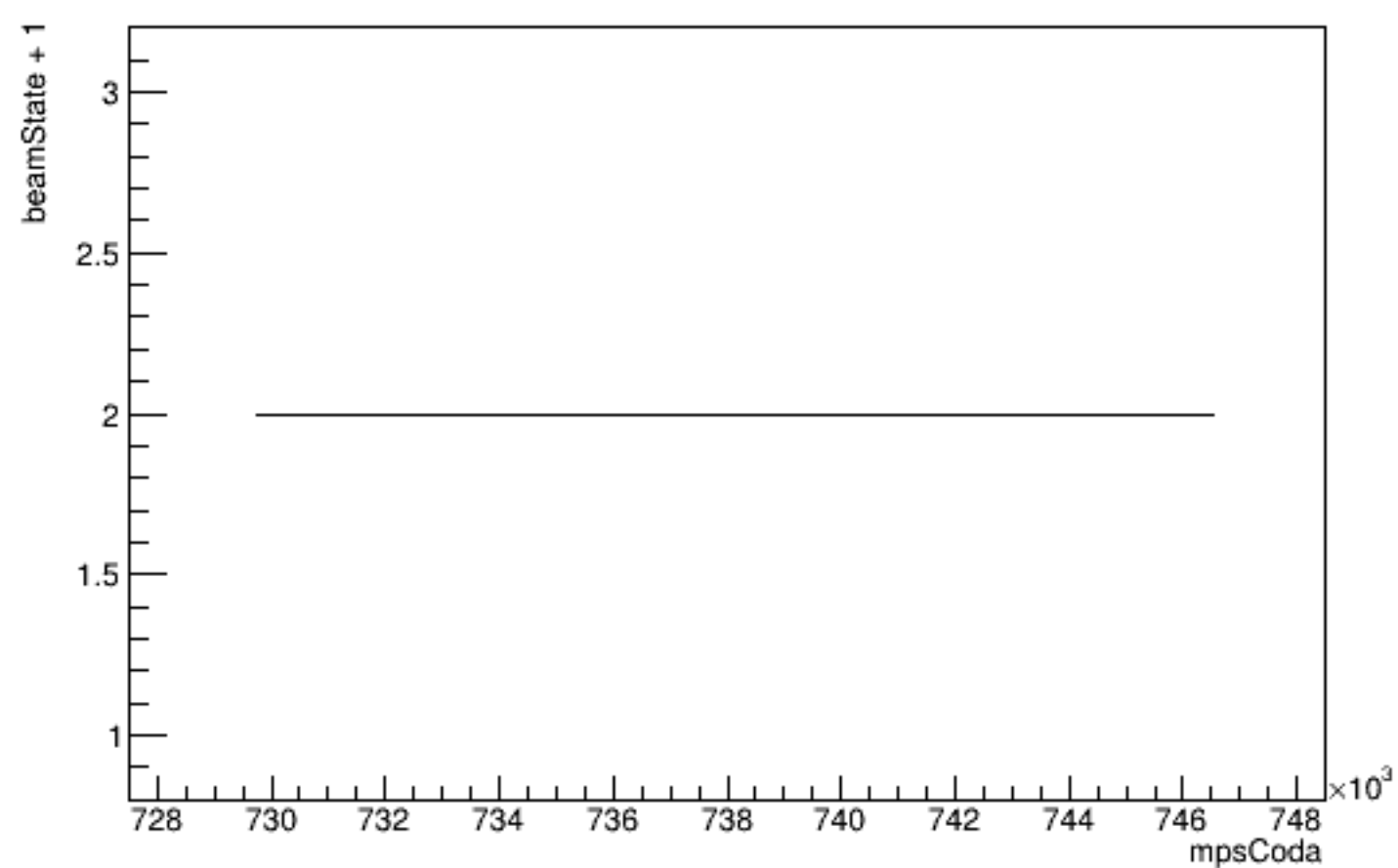
Acc0/NAcc0:mpsCoda (mpsCoda>=729728 && mpsCoda<=746511 && beamState==1)



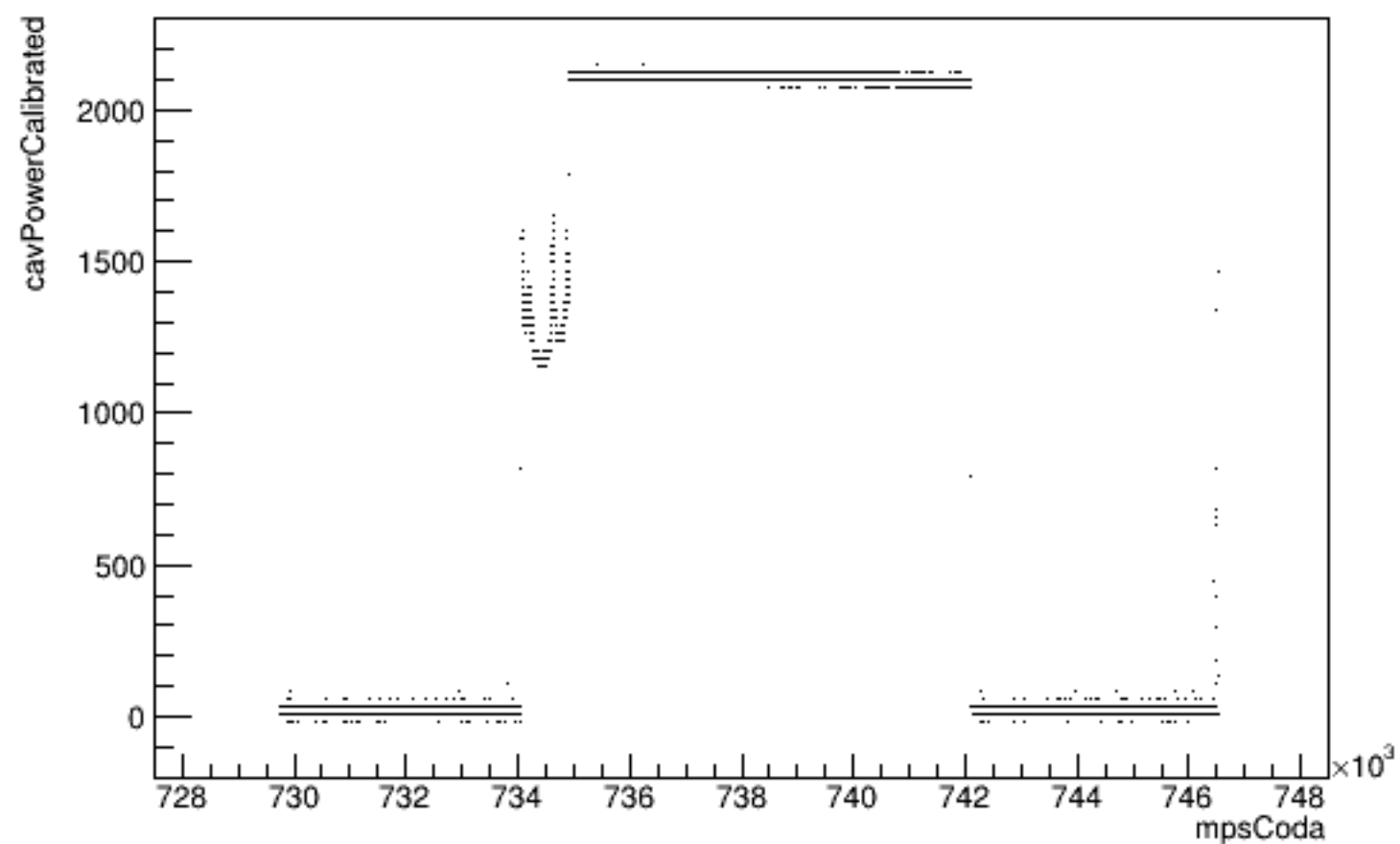
laserState:mpsCoda {mpsCoda>=729728 && mpsCoda<=746511}



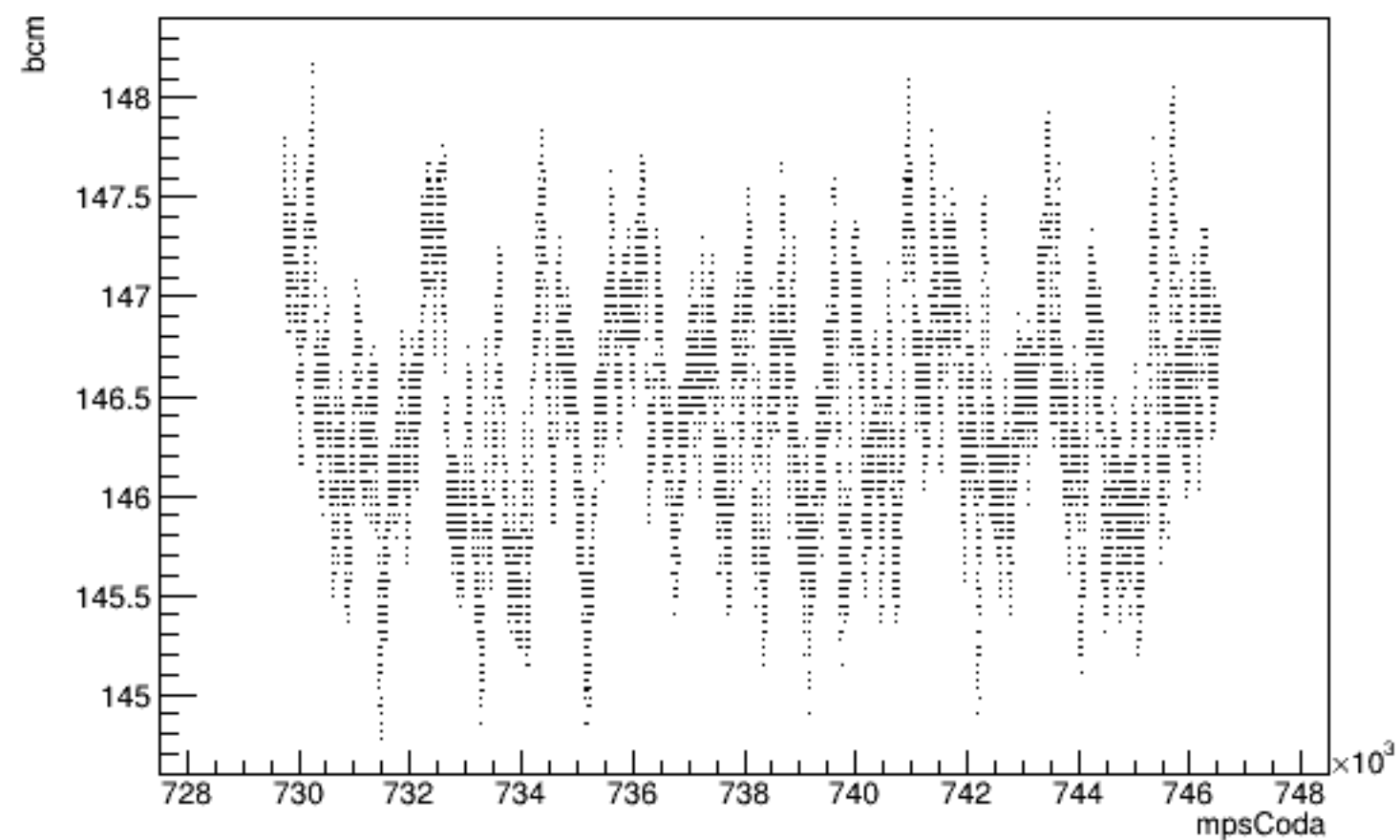
beamState + 1:mpsCoda {mpsCoda>=729728 && mpsCoda<=746511}



cavPowerCalibrated:mpsCoda {mpsCoda>=729728 && mpsCoda<=746511}



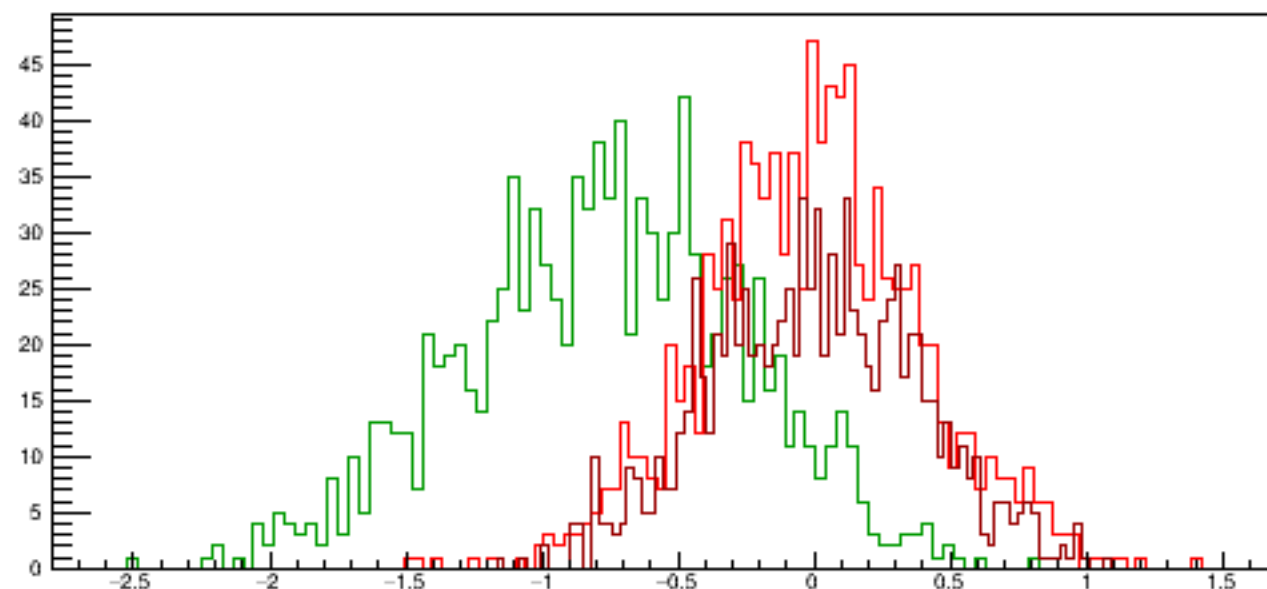
bcm:mpsCoda {mpsCoda>=729728 && mpsCoda<=746511}



Cycle 30, Diffs

Entries: 1061	Entries: 1091	Entries: 967
Mean: -0.0074 +/- 0.0124	Mean: -0.7685 +/- 0.0157	Mean: -0.0036 +/- 0.0124
Std Dev: 0.4037 +/- 0.0088	Std Dev: 0.5202 +/- 0.0111	Std Dev: 0.3841 +/- 0.0087

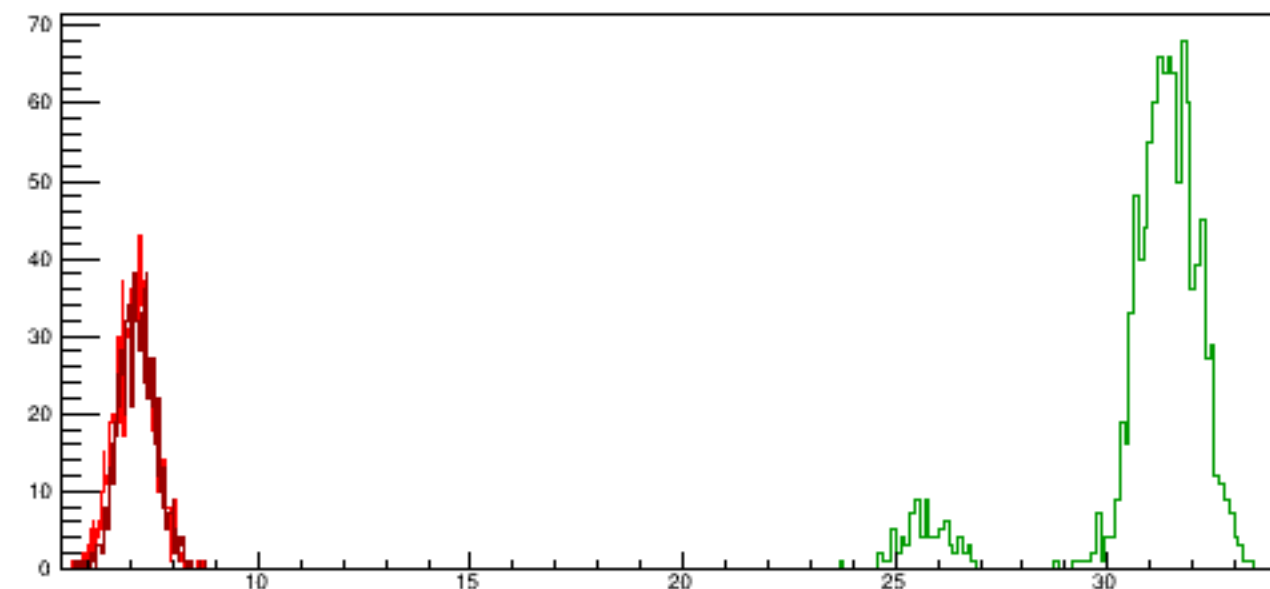
Run 6090 quartetwise, Diffs



Cycle 30, Sums

Entries: 1061	Entries: 1091	Entries: 967
Mean: 7.0913 +/- 0.0137	Mean: 31.0206 +/- 0.0500	Mean: 7.1574 +/- 0.0139
Std Dev: 0.4469 +/- 0.0097	Std Dev: 1.6503 +/- 0.0353	Std Dev: 0.4312 +/- 0.0098

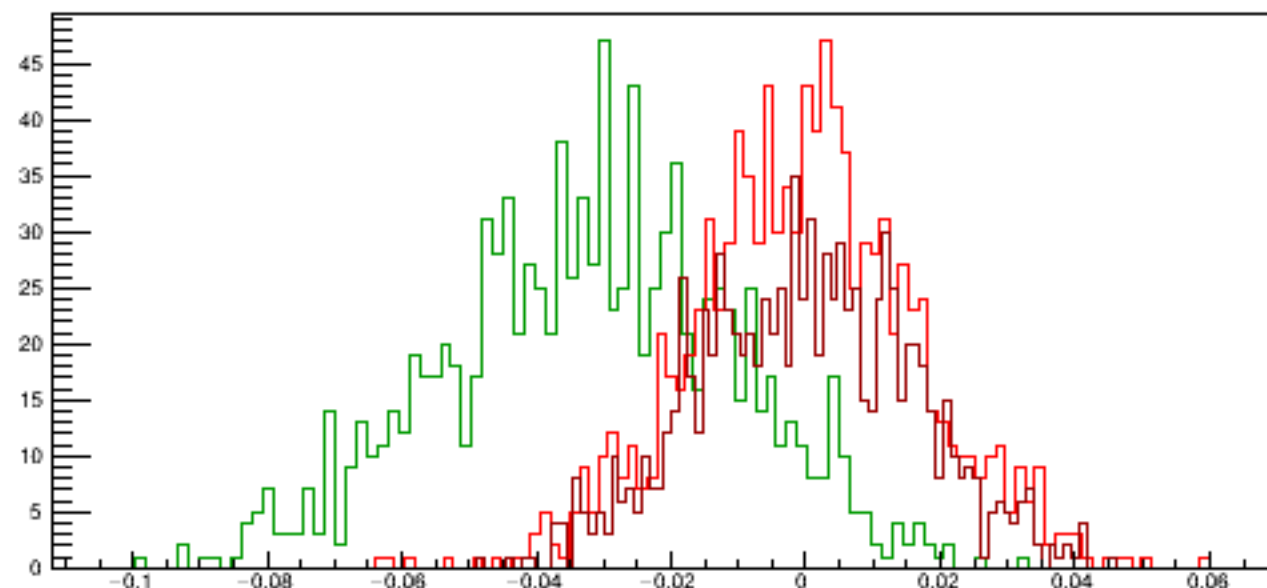
Run 6090 quartetwise, Sums



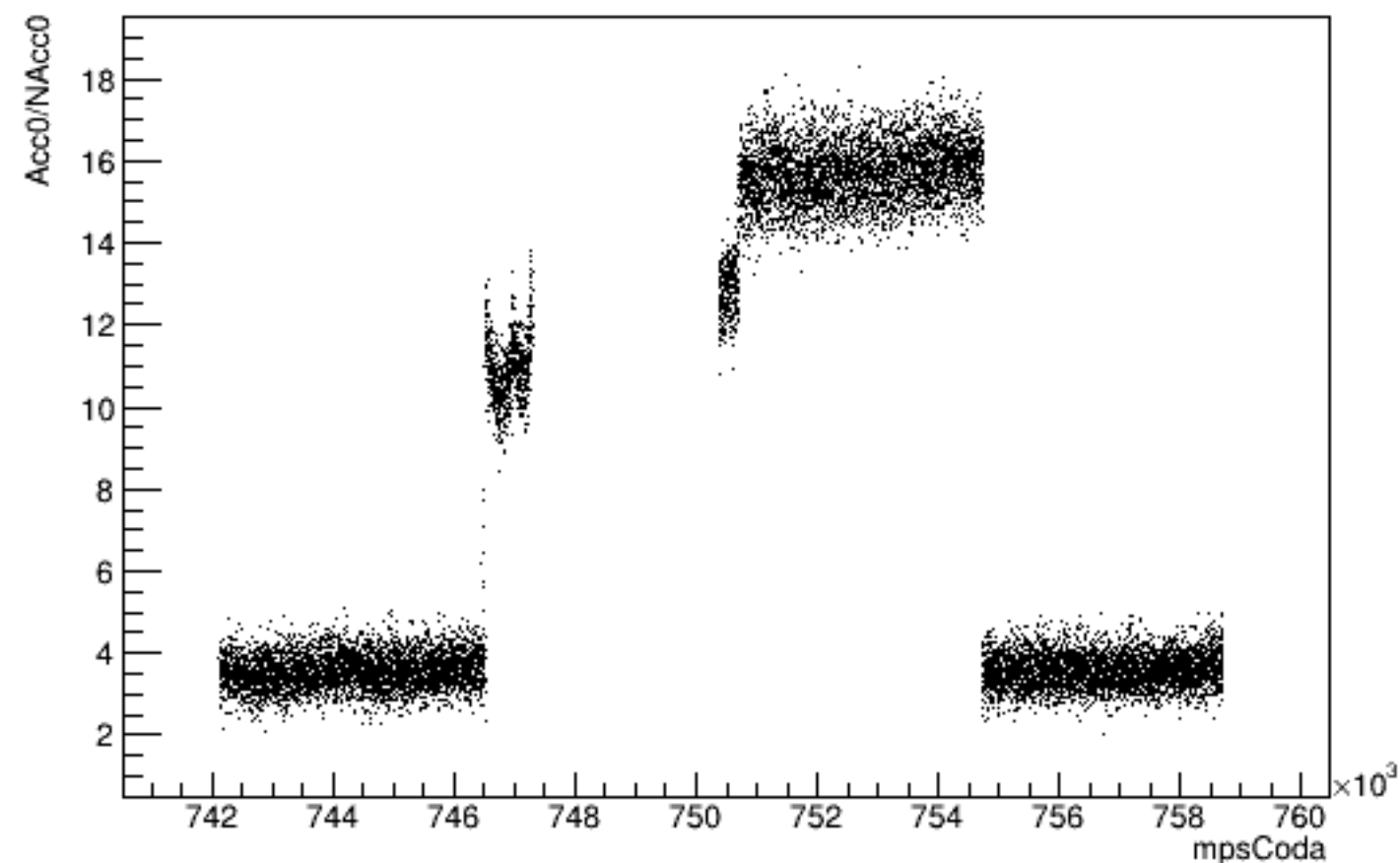
Cycle 30, Asyms

Entries: 1061	Entries: 1091	Entries: 967
Mean: -0.0003 +/- 0.0005	Mean: -0.0322 +/- 0.0007	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0169 +/- 0.0004	Std Dev: 0.0217 +/- 0.0005	Std Dev: 0.0161 +/- 0.0004

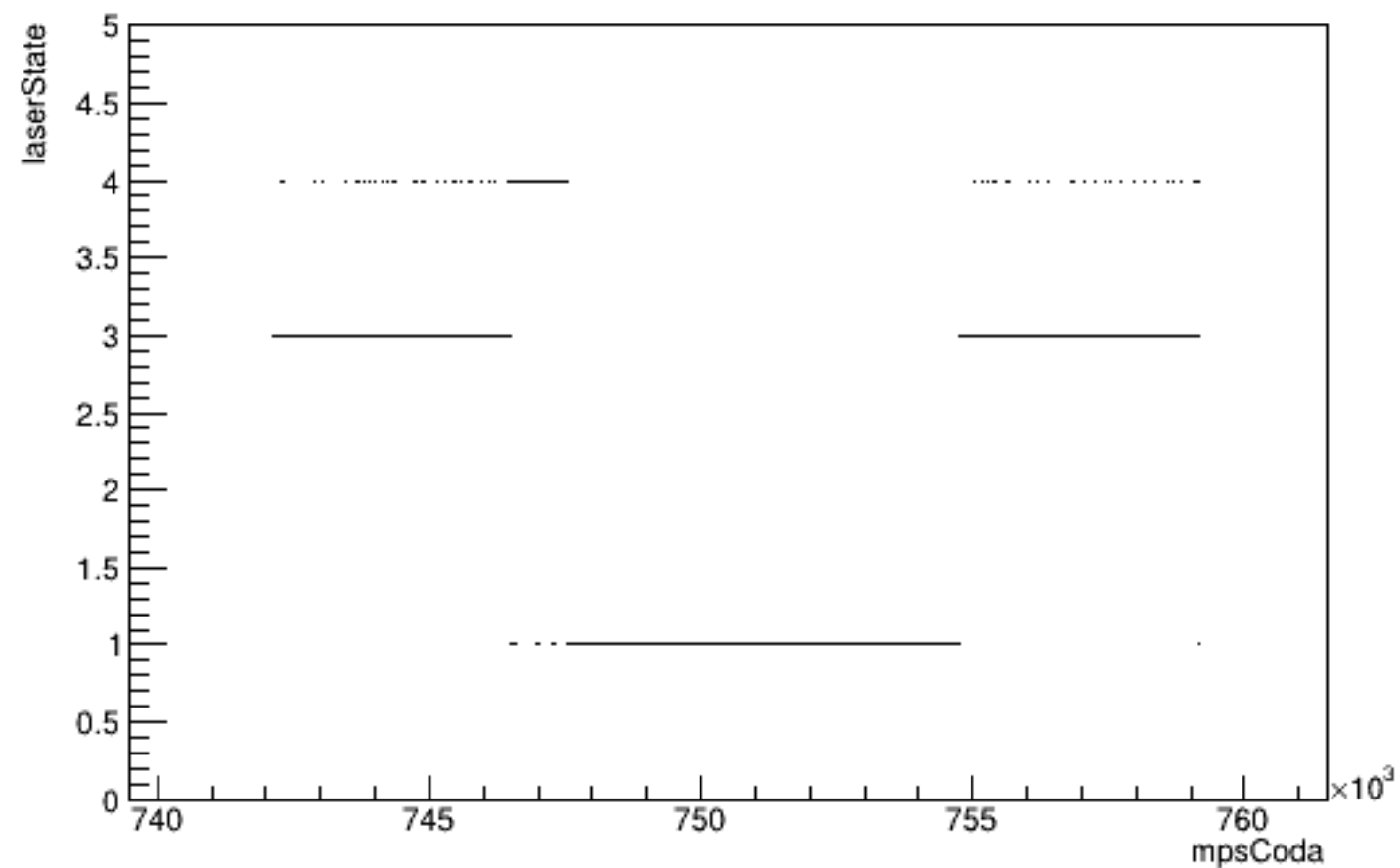
Run 6090 quartetwise, Asyms



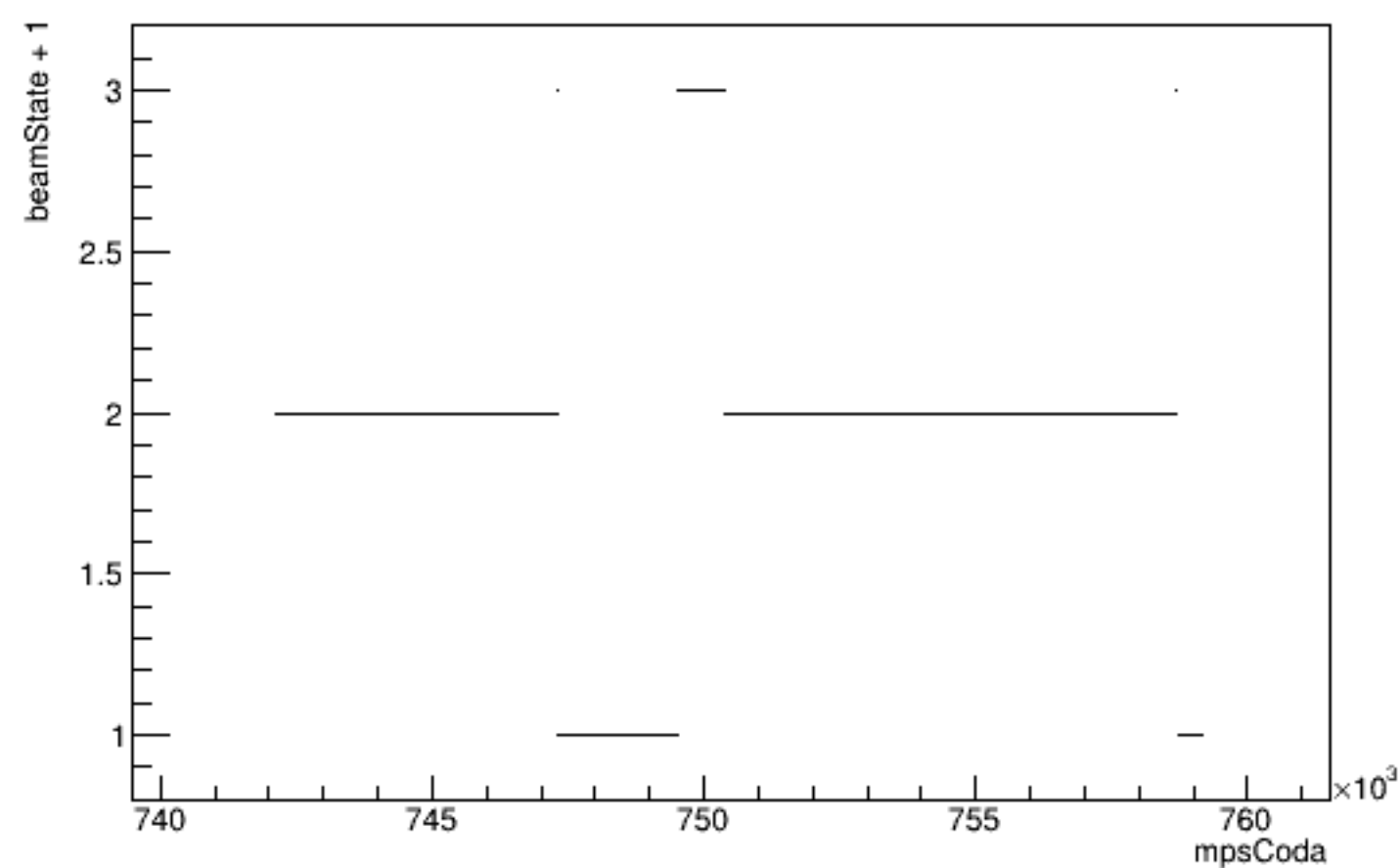
Acc0/NAcc0:mpsCoda (mpsCoda>=742116 && mpsCoda<=759167 && beamState==1)



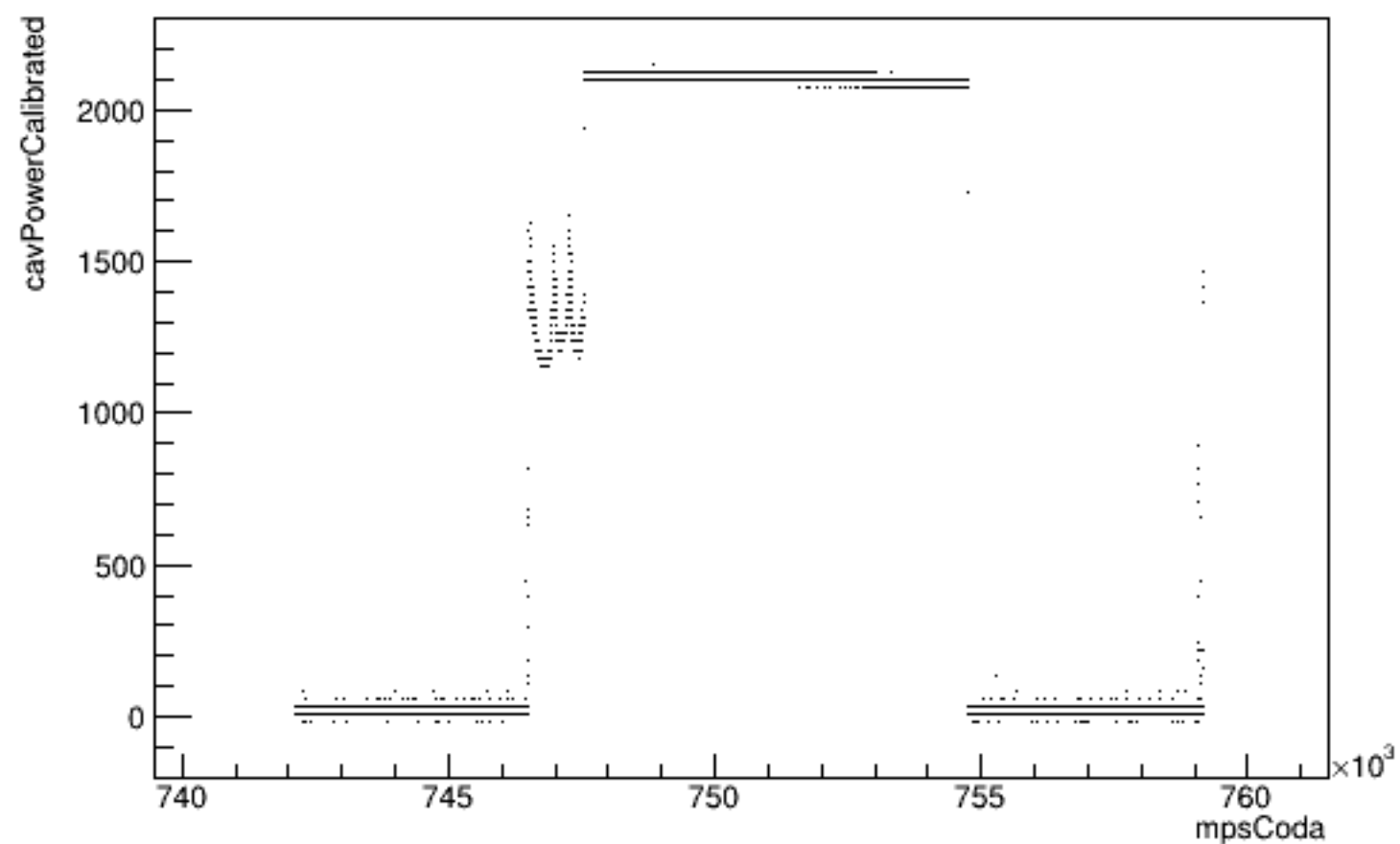
laserState:mpsCoda {mpsCoda>=742116 && mpsCoda<=759167}



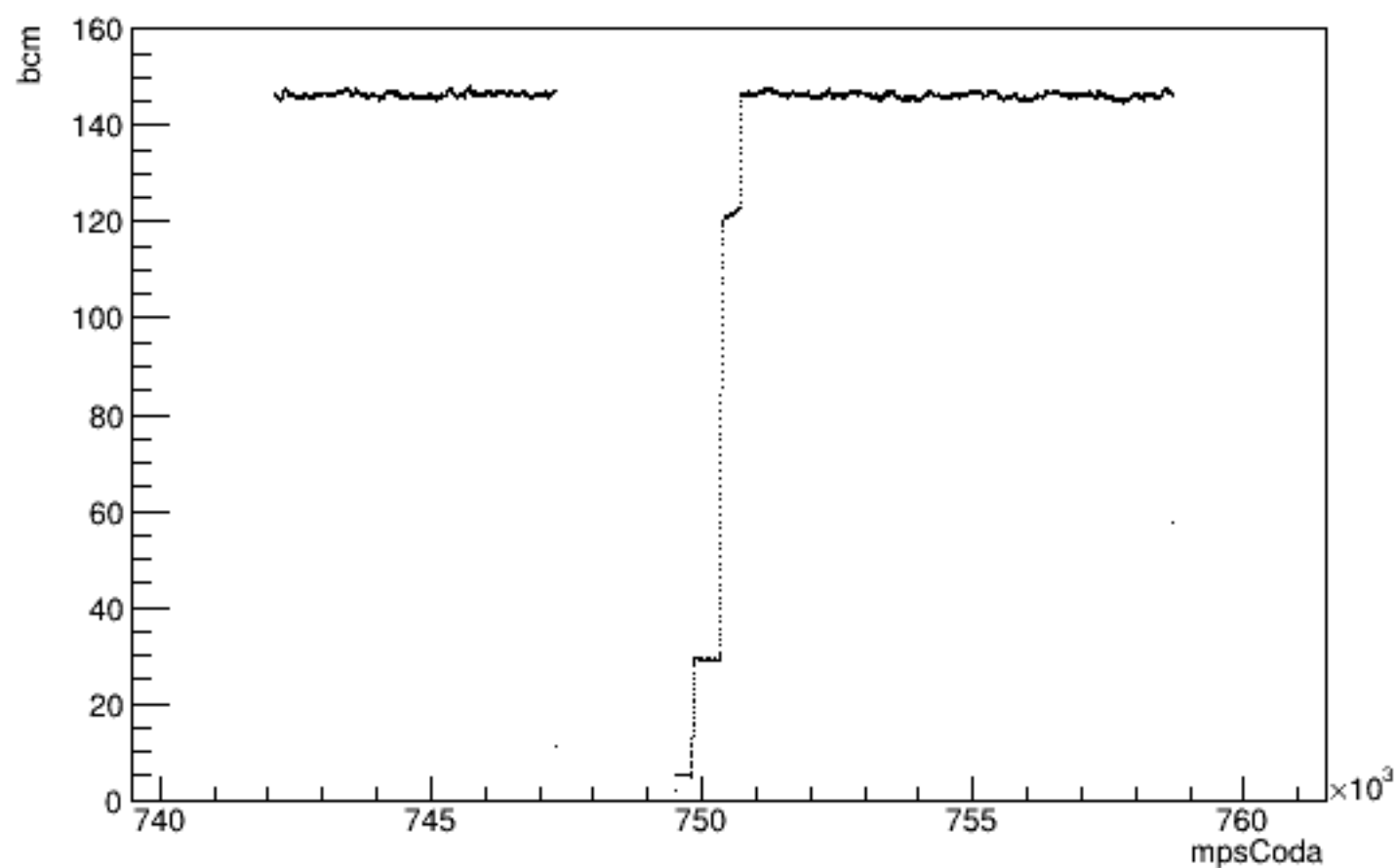
beamState + 1:mpsCoda {mpsCoda>=742116 && mpsCoda<=759167}



cavPowerCalibrated:mpsCoda {mpsCoda>=742116 && mpsCoda<=759167}



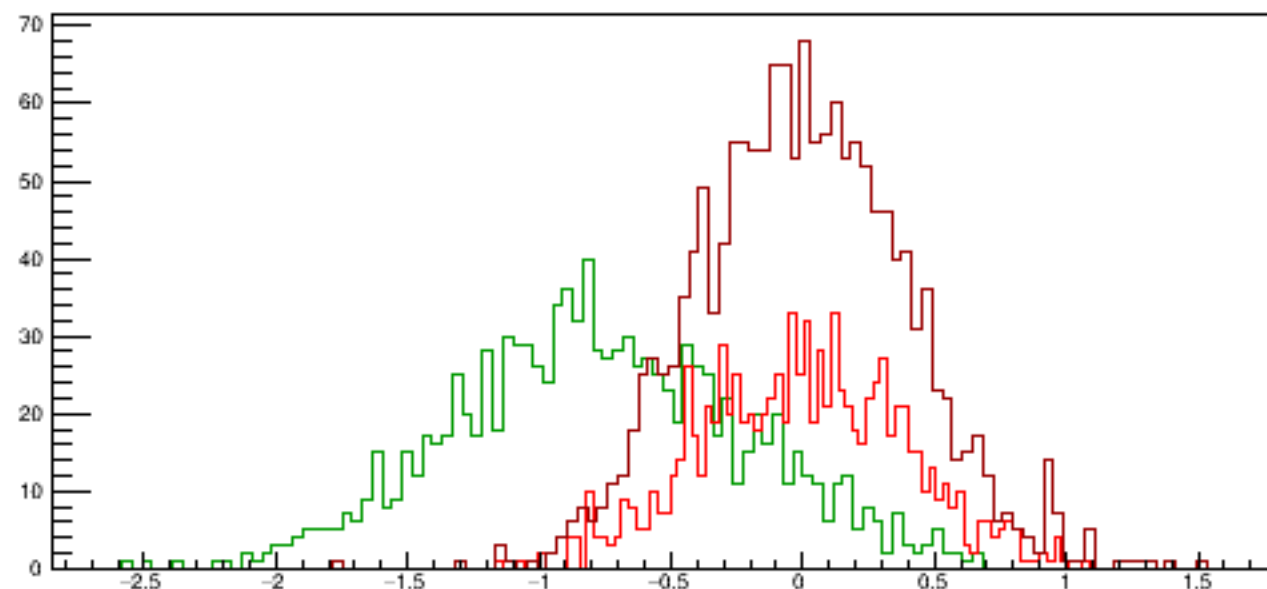
bcm:mpsCoda {mpsCoda>=742116 && mpsCoda<=759167}



Cycle 31, Diffs

Entries: 967	Entries: 1119	Entries: 1586
Mean: -0.0036 +/- 0.0124	Mean: -0.7693 +/- 0.0165	Mean: -0.0002 +/- 0.0101
Std Dev: 0.3841 +/- 0.0087	Std Dev: 0.5517 +/- 0.0117	Std Dev: 0.4006 +/- 0.0071

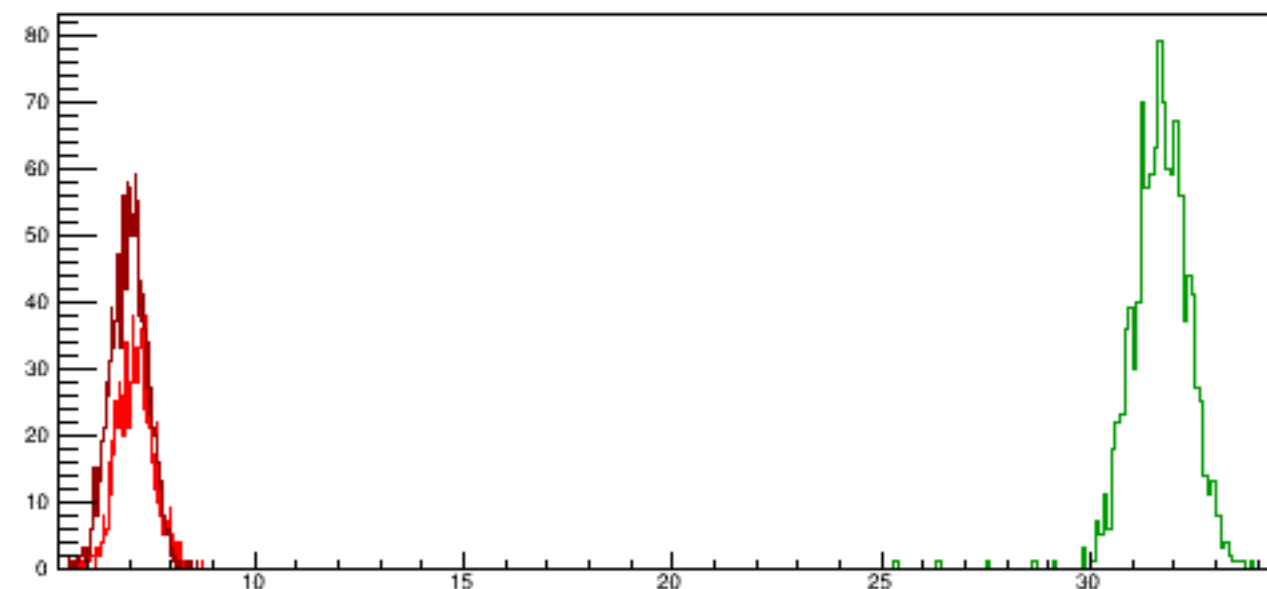
Run 6090 quartetwise, Diffs



Cycle 31, Sums

Entries: 967	Entries: 1119	Entries: 1586
Mean: 7.1574 +/- 0.0139	Mean: 31.6668 +/- 0.0211	Mean: 7.0029 +/- 0.0109
Std Dev: 0.4312 +/- 0.0098	Std Dev: 0.7059 +/- 0.0149	Std Dev: 0.4326 +/- 0.0077

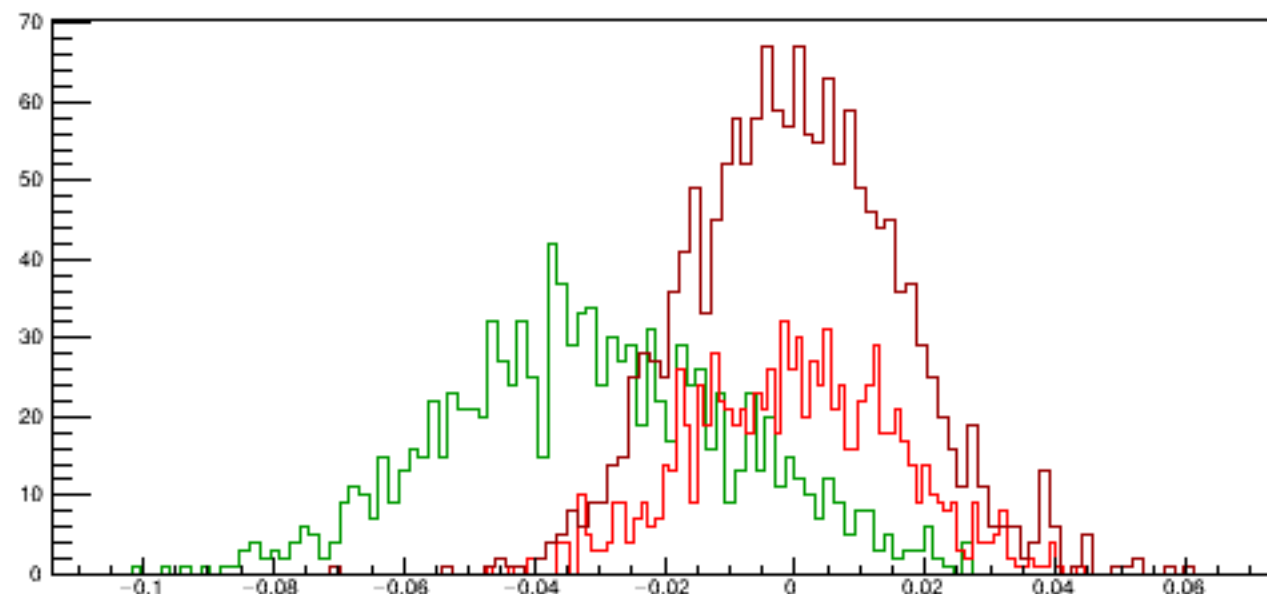
Run 6090 quartetwise, Sums



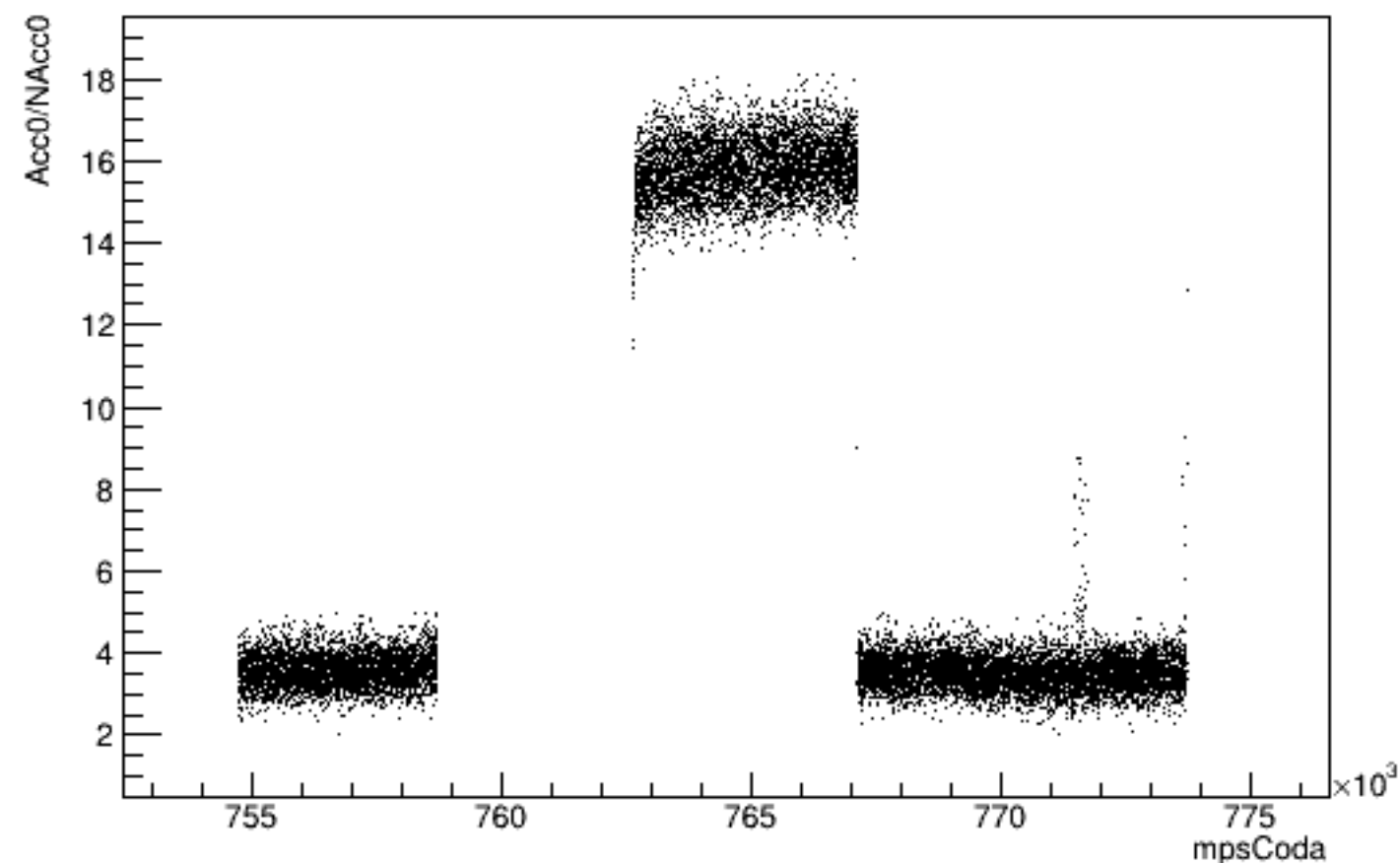
Cycle 31, Asyms

Entries: 967	Entries: 1119	Entries: 1586
Mean: -0.0001 +/- 0.0005	Mean: -0.0313 +/- 0.0007	Mean: -0.0000 +/- 0.0004
Std Dev: 0.0156 +/- 0.0004	Std Dev: 0.0224 +/- 0.0005	Std Dev: 0.0163 +/- 0.0003

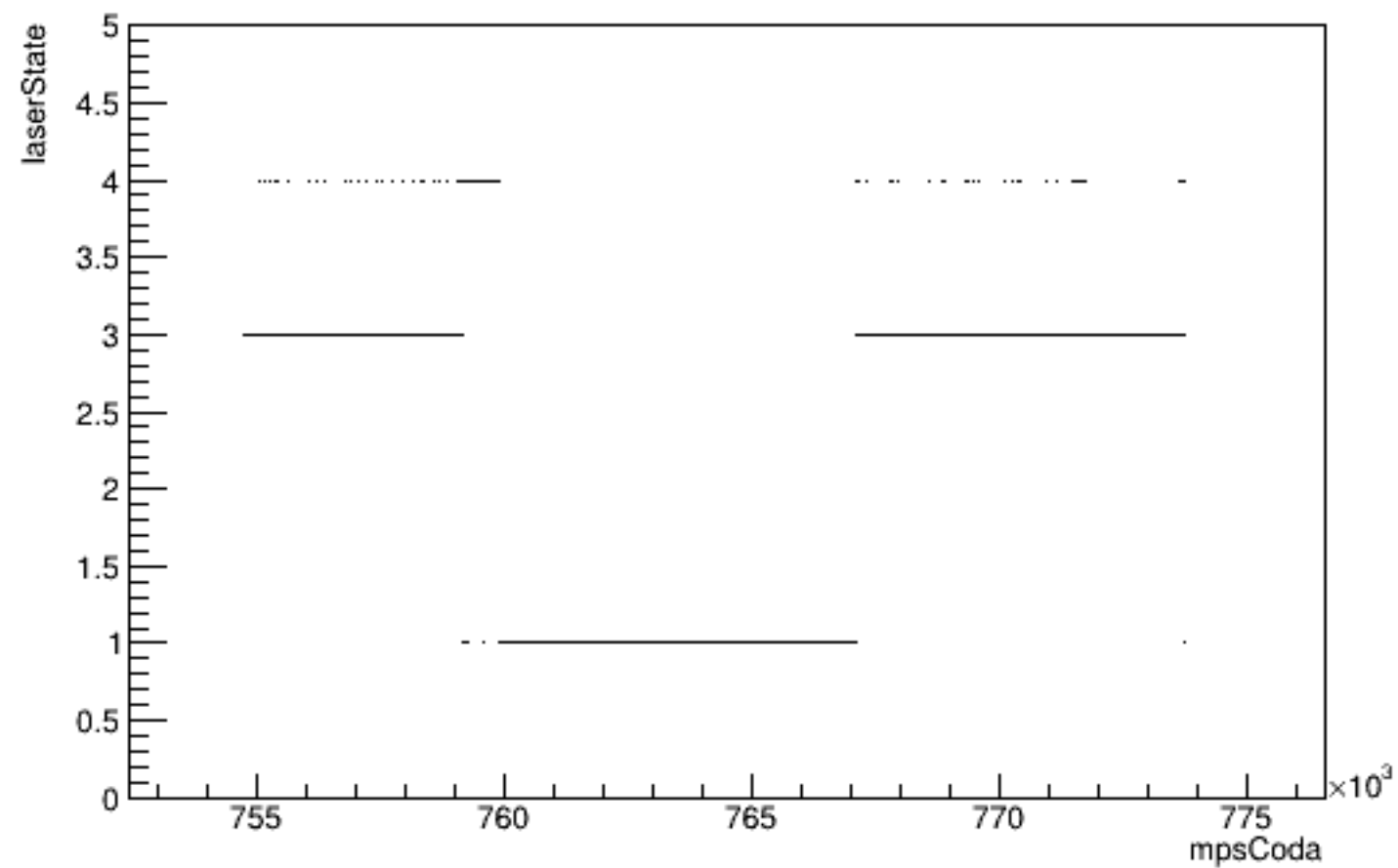
Run 6090 quartetwise, Asyms



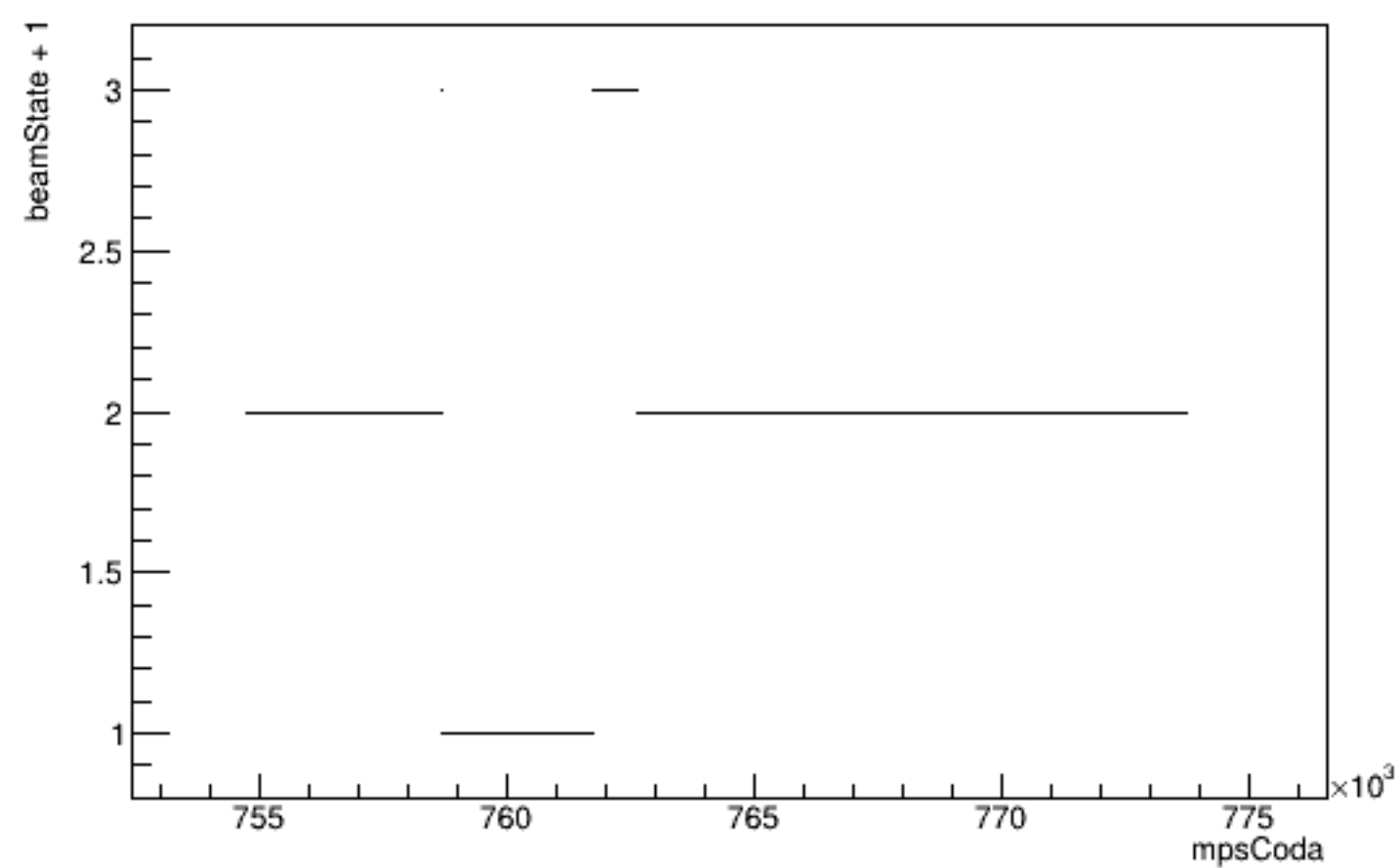
Acc0/NAcc0:mpsCoda (mpsCoda>=754740 && mpsCoda<=773707 && beamState==1)



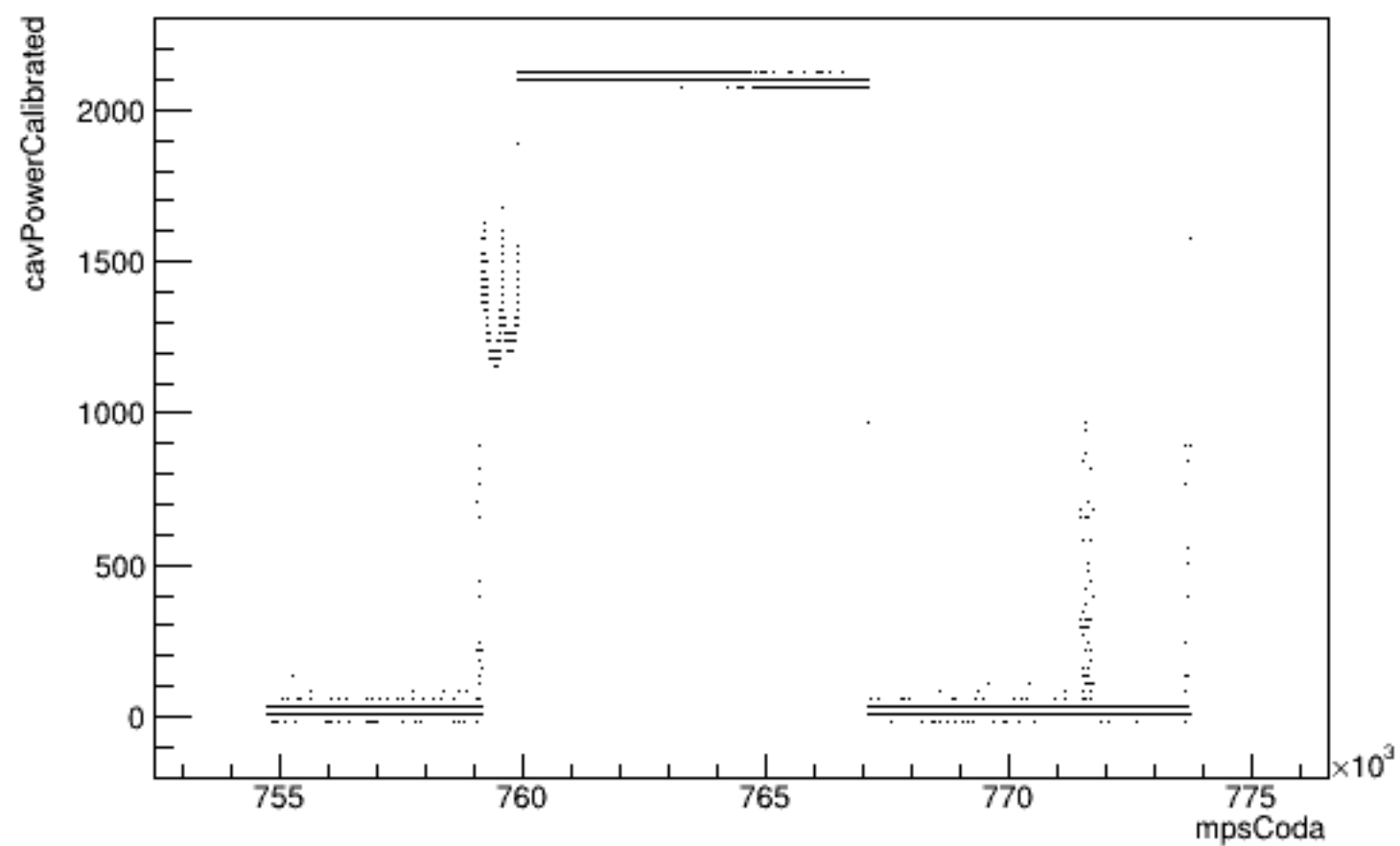
laserState:mpsCoda {mpsCoda>=754740 && mpsCoda<=773707}



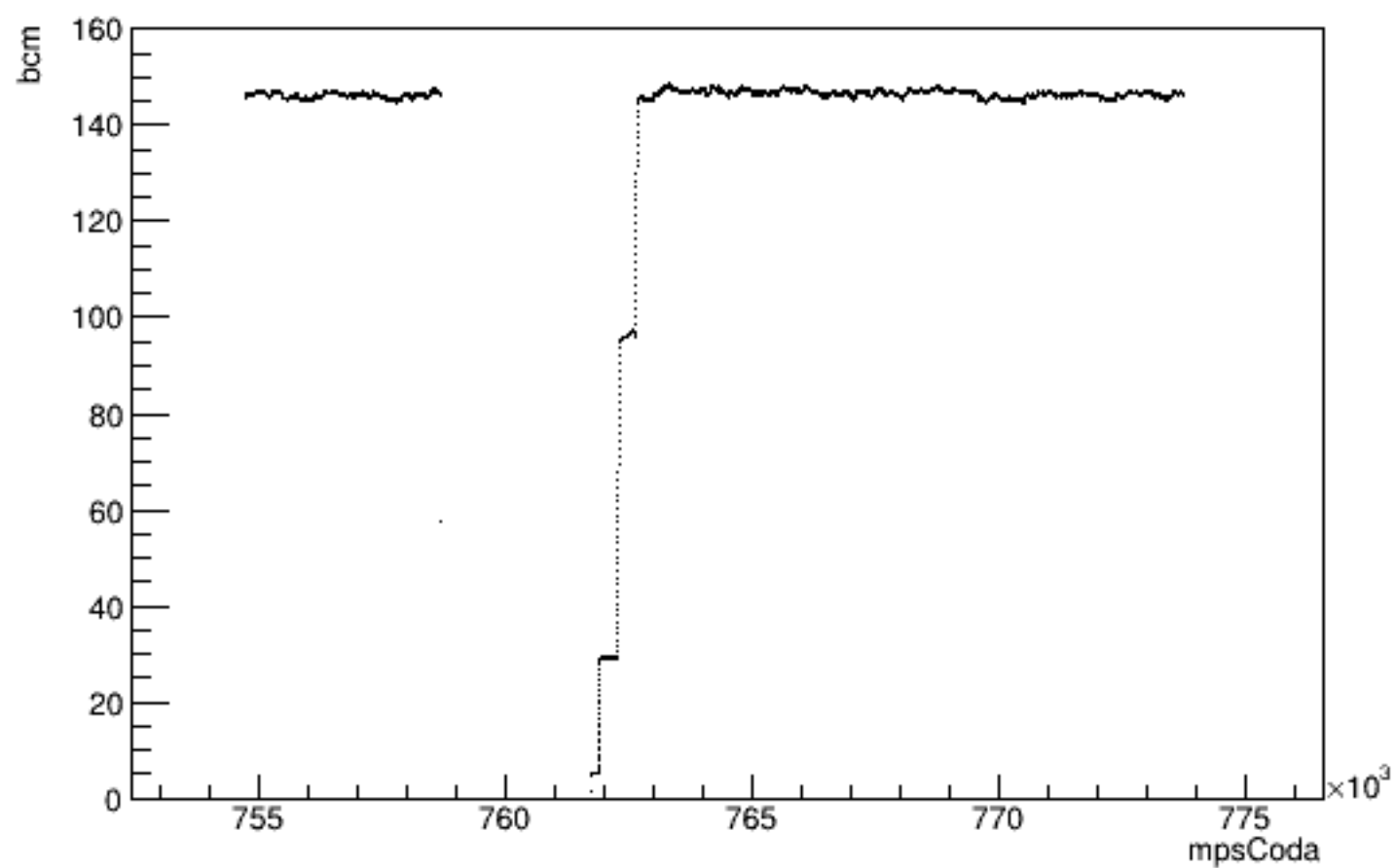
beamState + 1:mpsCoda {mpsCoda>=754740 && mpsCoda<=773707}



cavPowerCalibrated:mpsCoda {mpsCoda>=754740 && mpsCoda<=773707}



bcm:mpsCoda {mpsCoda>=754740 && mpsCoda<=773707}



Cycle 32, Diffs

Entries: 1068

Mean: 0.0087 +/- 0.0120

Std Dev: 0.3910 +/- 0.0085

Entries: 1802

Mean: -0.7986 +/- 0.0126

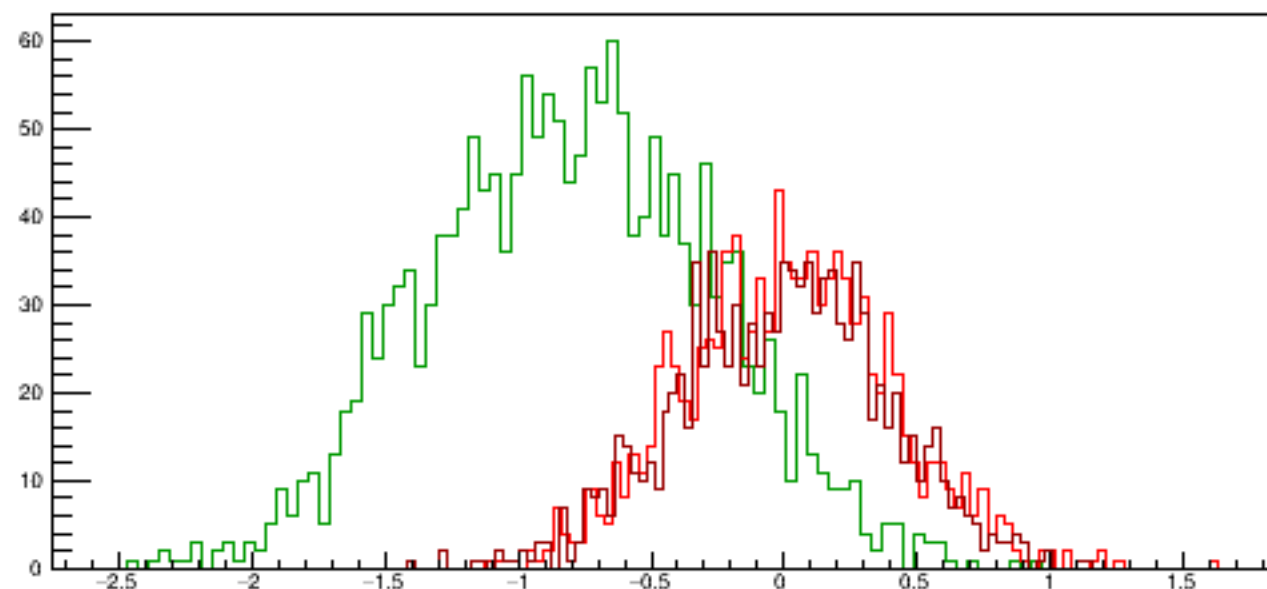
Std Dev: 0.5330 +/- 0.0089

Entries: 1061

Mean: -0.0138 +/- 0.0121

Std Dev: 0.3940 +/- 0.0086

Run 6090 quartetwise, Diffs



Cycle 32, Sums

Entries: 1068

Mean: 7.0538 +/- 0.0127

Std Dev: 0.4137 +/- 0.0090

Entries: 1802

Mean: 32.0592 +/- 0.0226

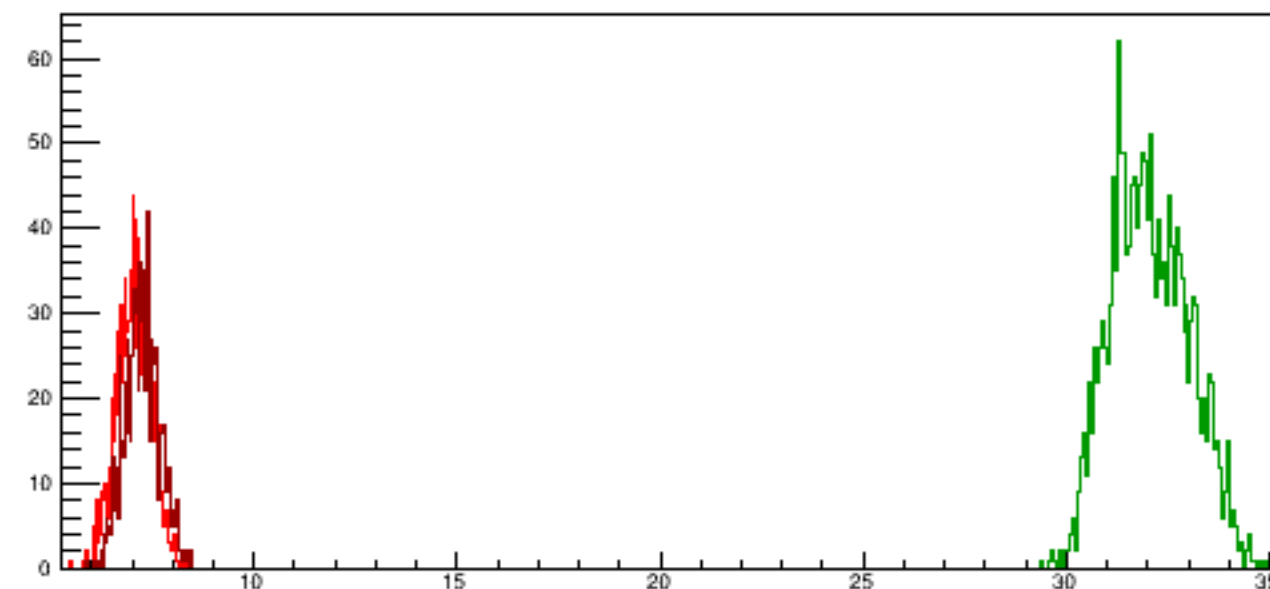
Std Dev: 0.9602 +/- 0.0160

Entries: 1061

Mean: 7.2400 +/- 0.0131

Std Dev: 0.4262 +/- 0.0093

Run 6090 quartetwise, Sums



Cycle 32, Asyms

Entries: 1068

Mean: 0.0003 +/- 0.0005

Std Dev: 0.0157 +/- 0.0003

Entries: 1802

Mean: -0.0321 +/- 0.0005

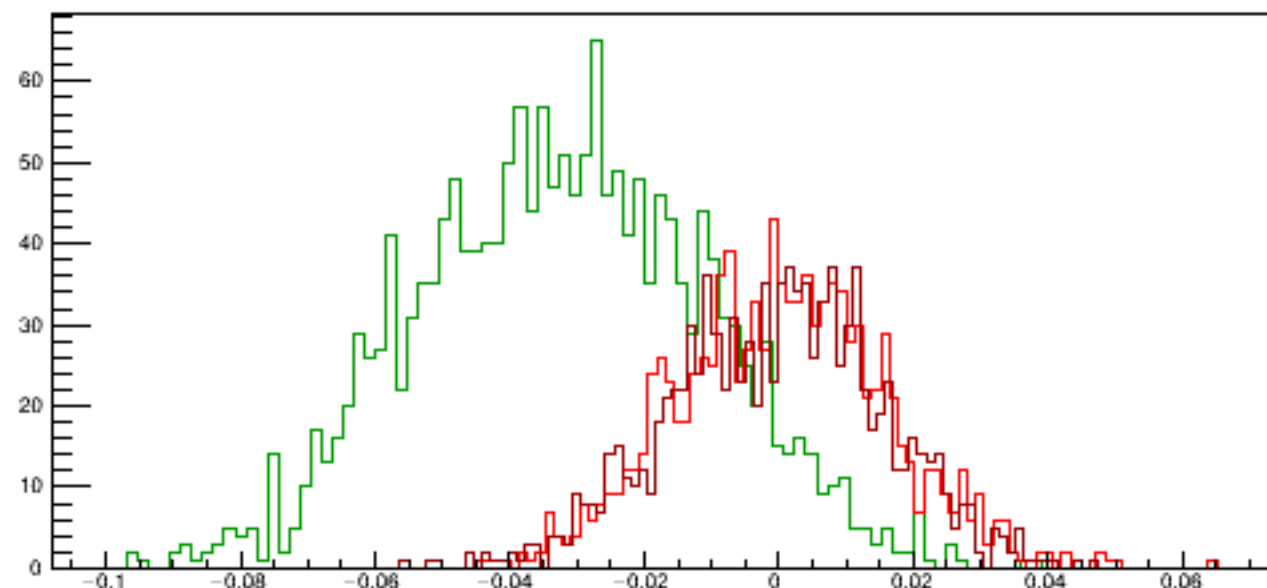
Std Dev: 0.0214 +/- 0.0004

Entries: 1061

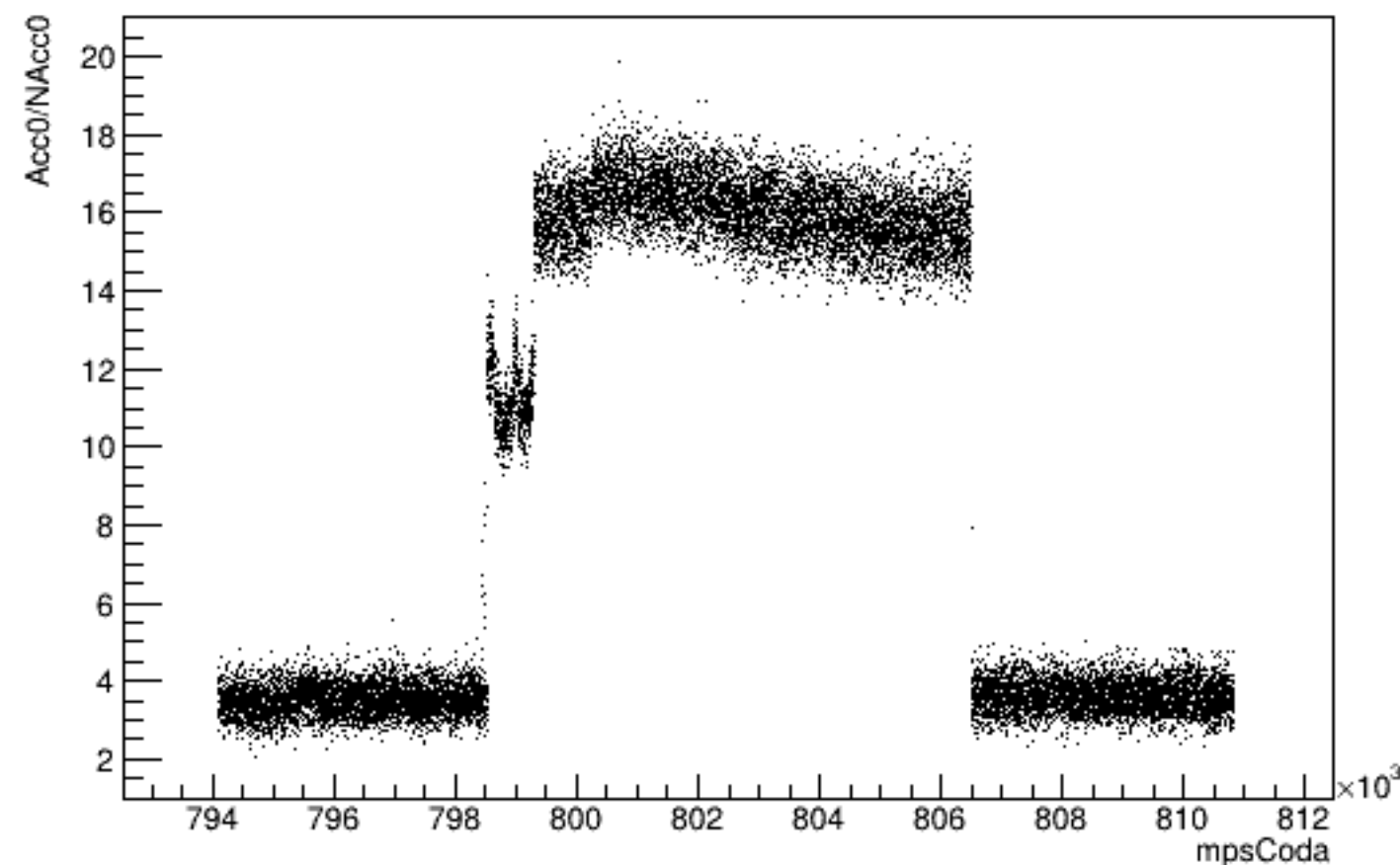
Mean: -0.0006 +/- 0.0005

Std Dev: 0.0158 +/- 0.0003

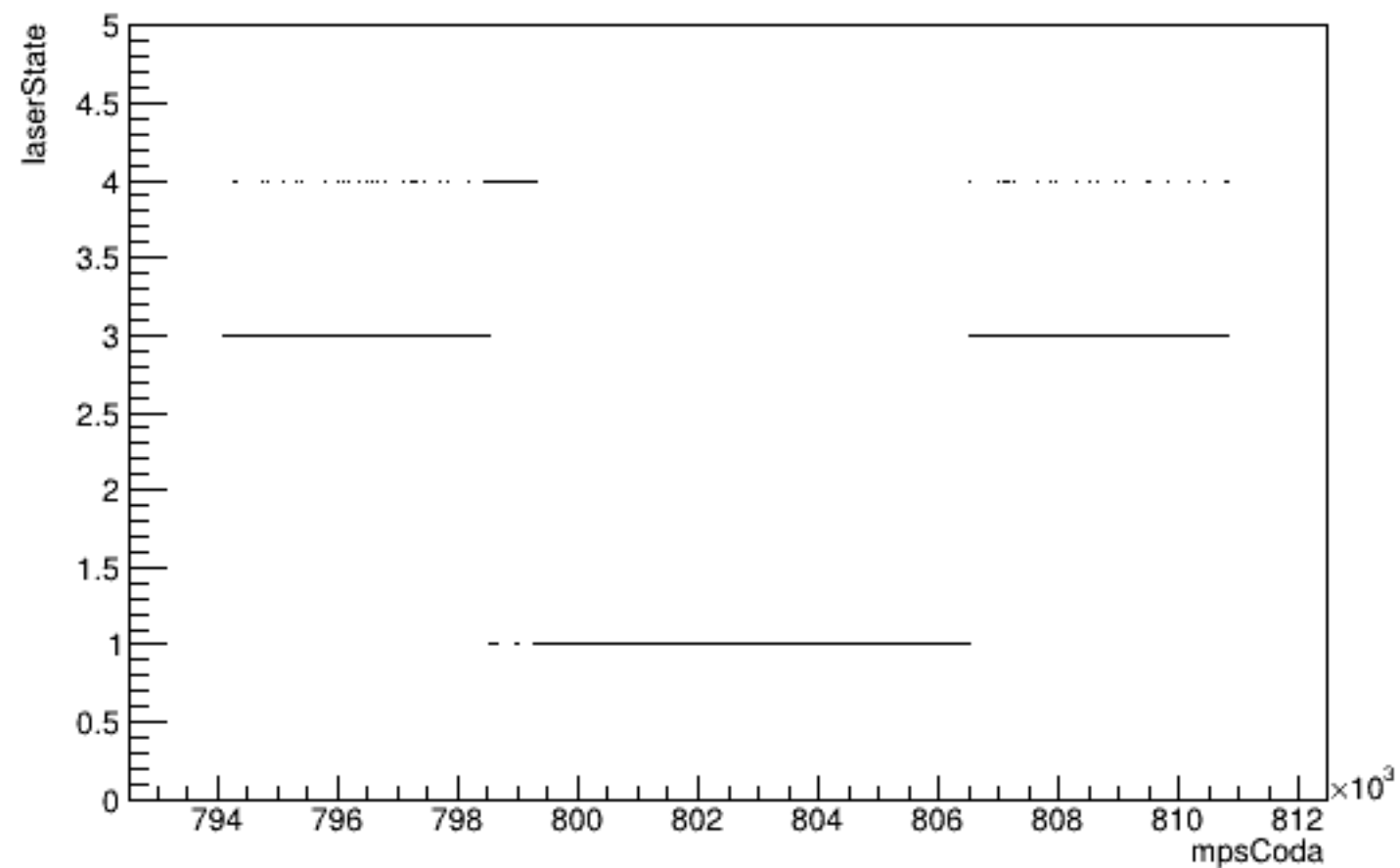
Run 6090 quartetwise, Asyms



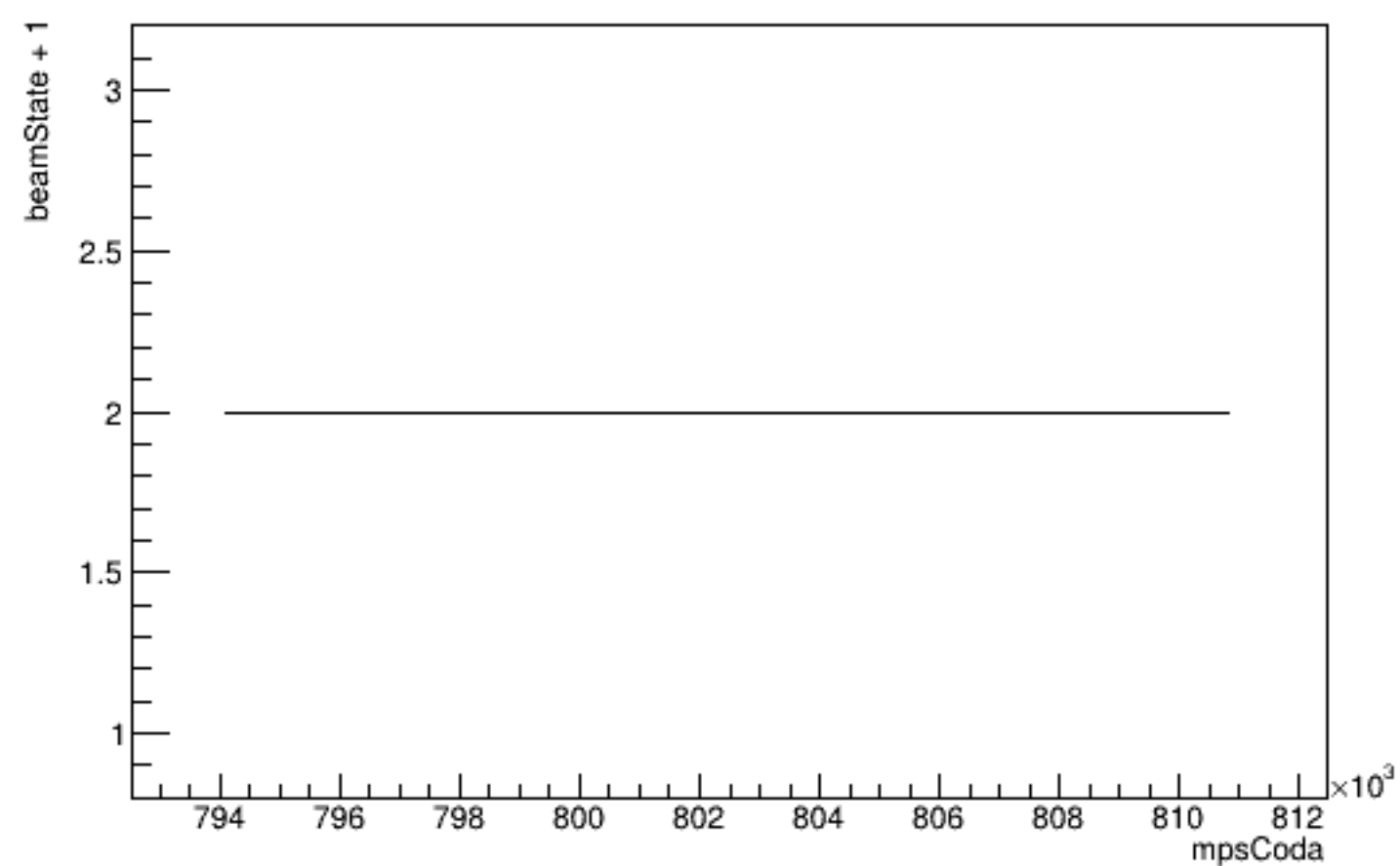
Acc0/NAcc0:mpsCoda (mpsCoda>=794100 && mpsCoda<=810831 && beamState==1)



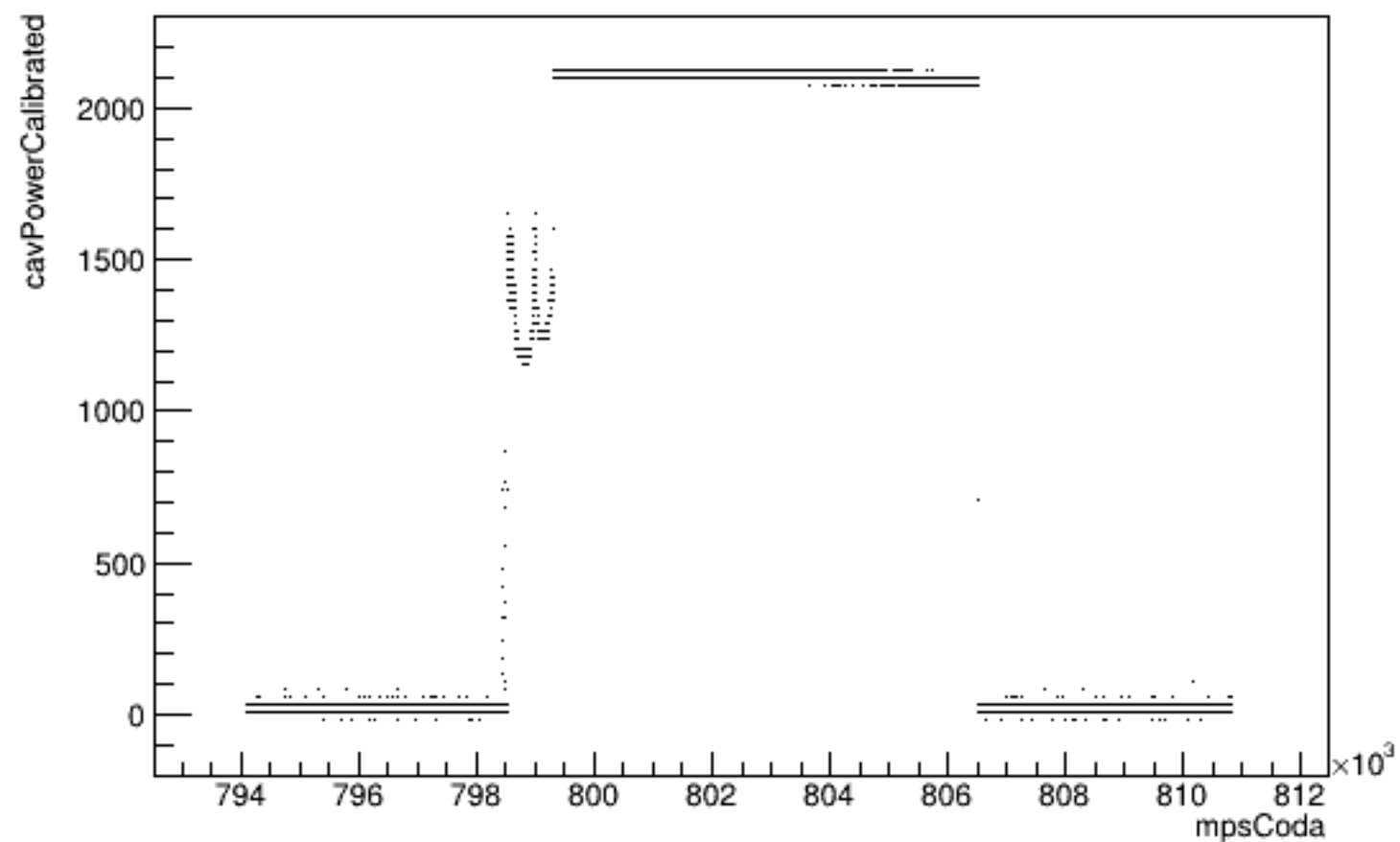
laserState:mpsCoda {mpsCoda>=794100 && mpsCoda<=810831}



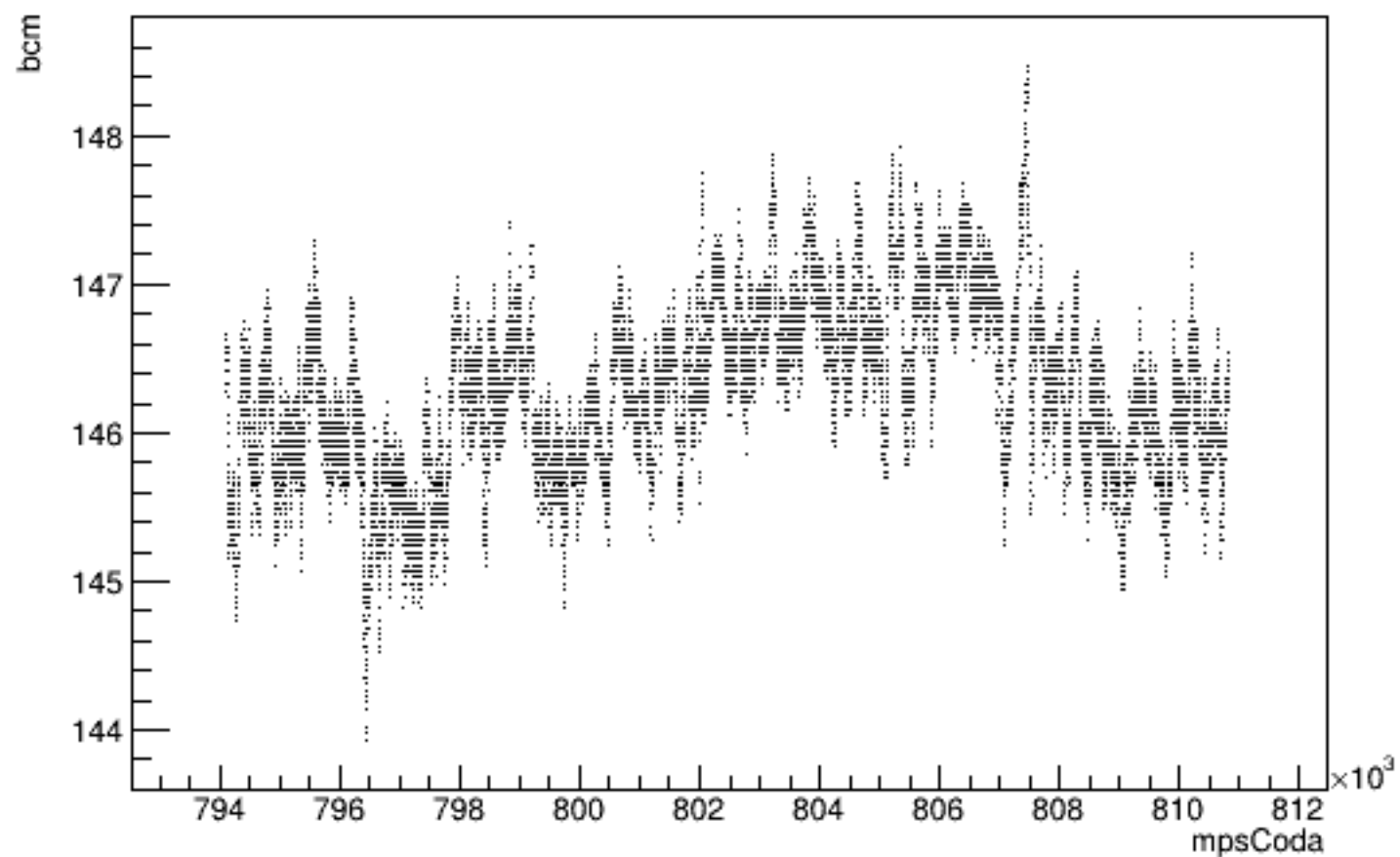
beamState + 1:mpsCoda {mpsCoda>=794100 && mpsCoda<=810831}



cavPowerCalibrated:mpsCoda {mpsCoda>=794100 && mpsCoda<=810831}



bcm:mpsCoda {mpsCoda>=794100 && mpsCoda<=810831}



Cycle 33, Diffs

Entries: 1061

Mean: -0.0138 +/- 0.0121

Std Dev: 0.3940 +/- 0.0086

Entries: 1804

Mean: -0.7652 +/- 0.0125

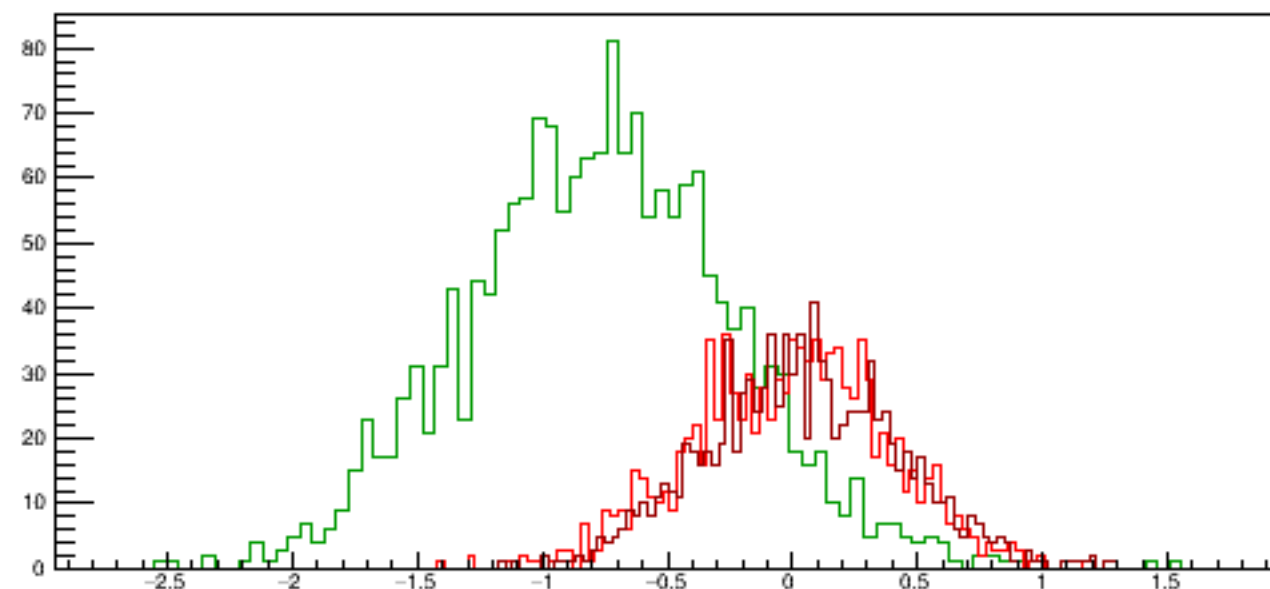
Std Dev: 0.5330 +/- 0.0089

Entries: 1045

Mean: 0.0351 +/- 0.0119

Std Dev: 0.3859 +/- 0.0084

Run 6090 quartetwise, Diffs



Cycle 33, Sums

Entries: 1061

Mean: 7.2400 +/- 0.0131

Std Dev: 0.4262 +/- 0.0093

Entries: 1804

Mean: 31.7576 +/- 0.0180

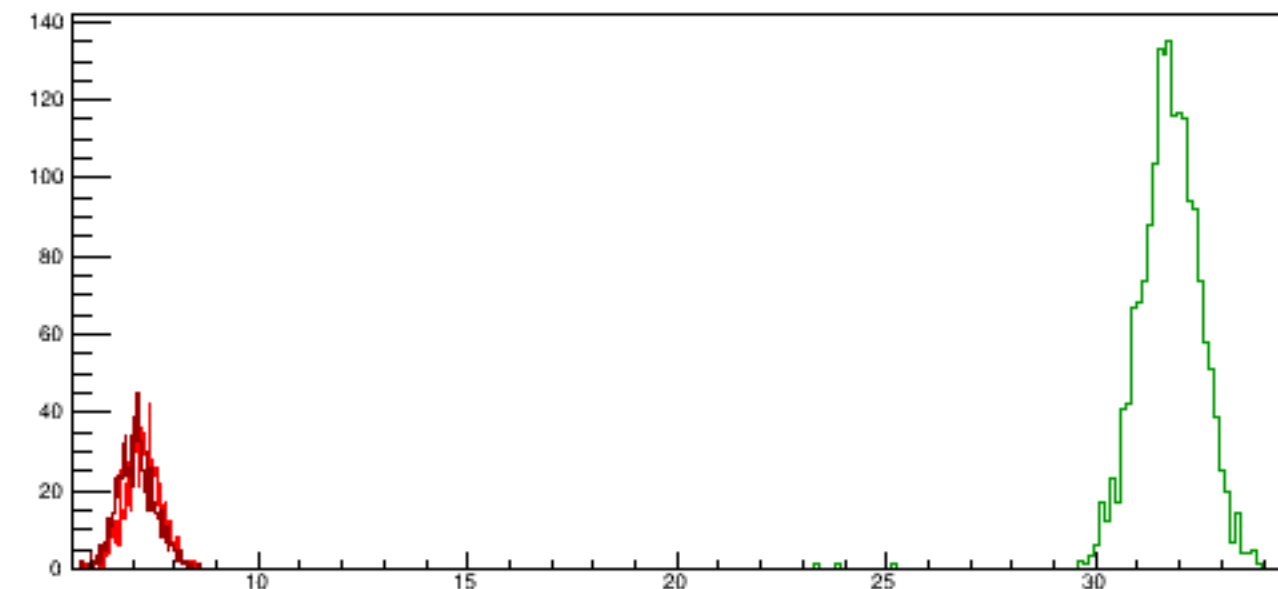
Std Dev: 0.7650 +/- 0.0127

Entries: 1045

Mean: 7.0850 +/- 0.0135

Std Dev: 0.4348 +/- 0.0095

Run 6090 quartetwise, Sums



Cycle 33, Asyms

Entries: 1061

Mean: -0.0006 +/- 0.0005

Std Dev: 0.0160 +/- 0.0003

Entries: 1804

Mean: -0.0311 +/- 0.0005

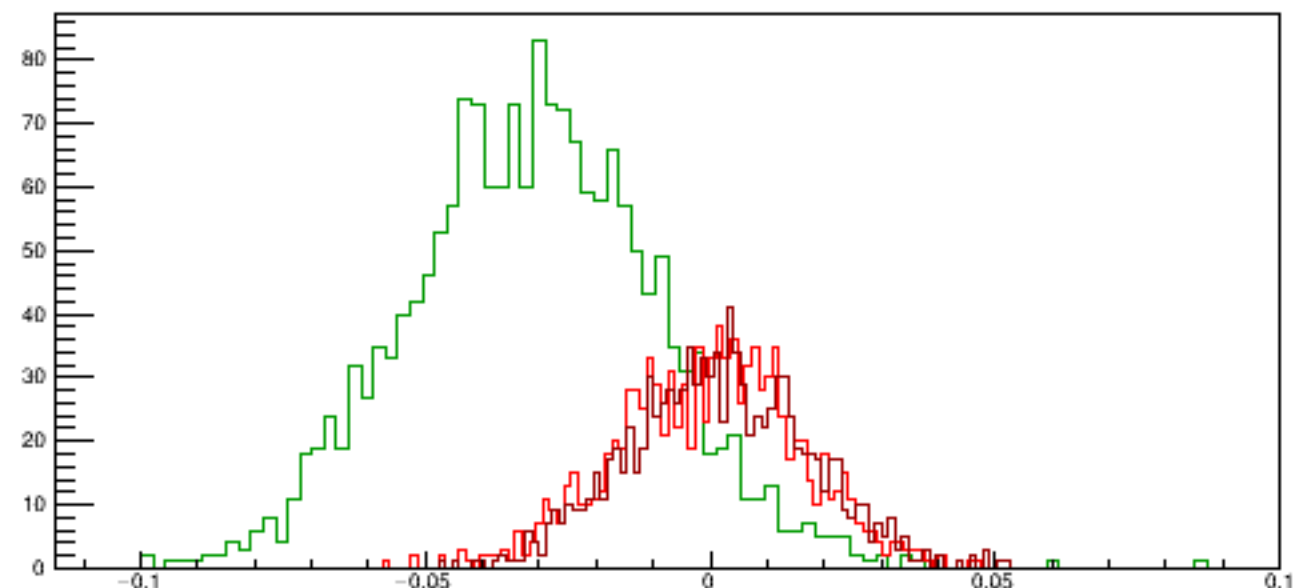
Std Dev: 0.0218 +/- 0.0004

Entries: 1045

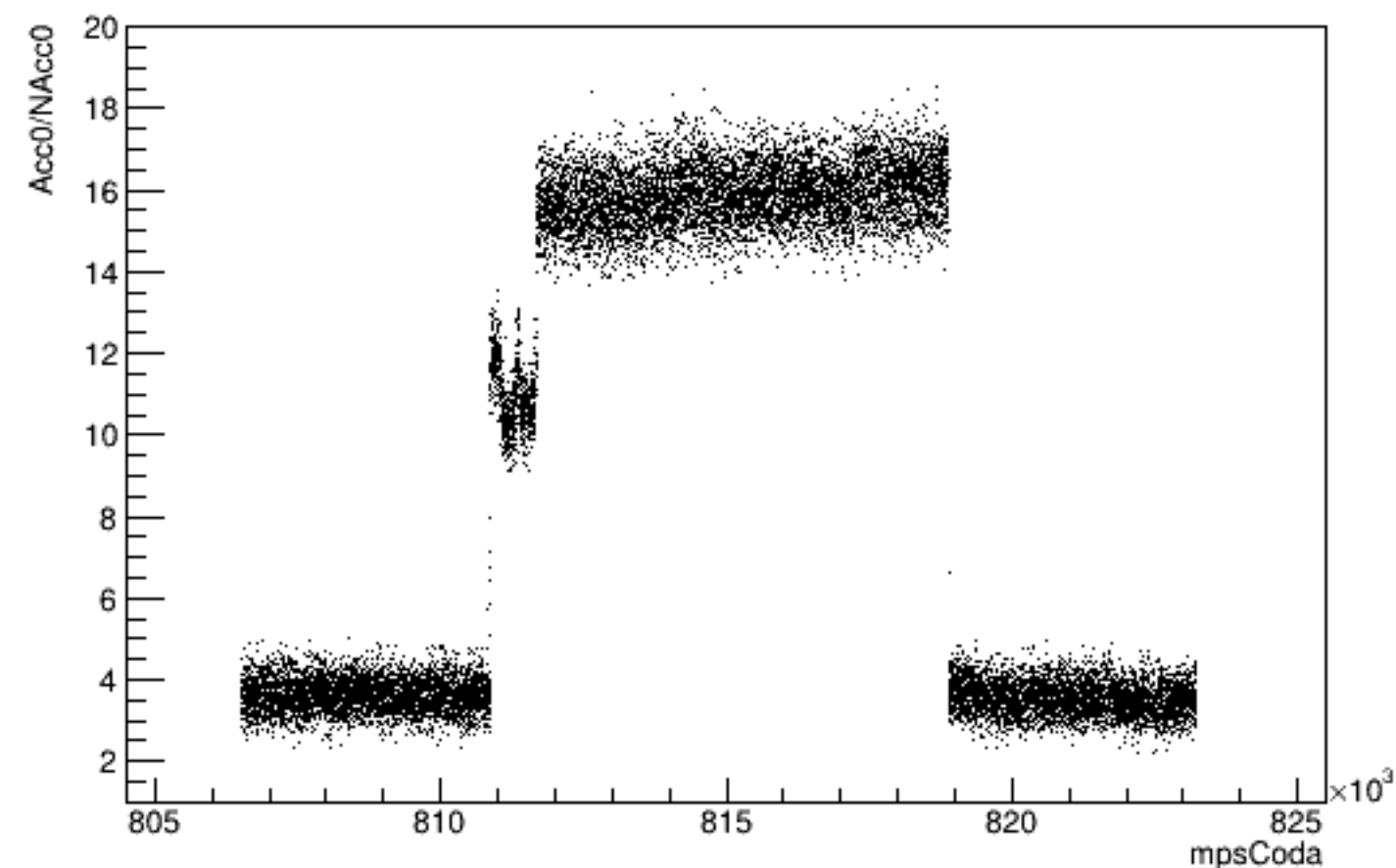
Mean: 0.0014 +/- 0.0005

Std Dev: 0.0157 +/- 0.0003

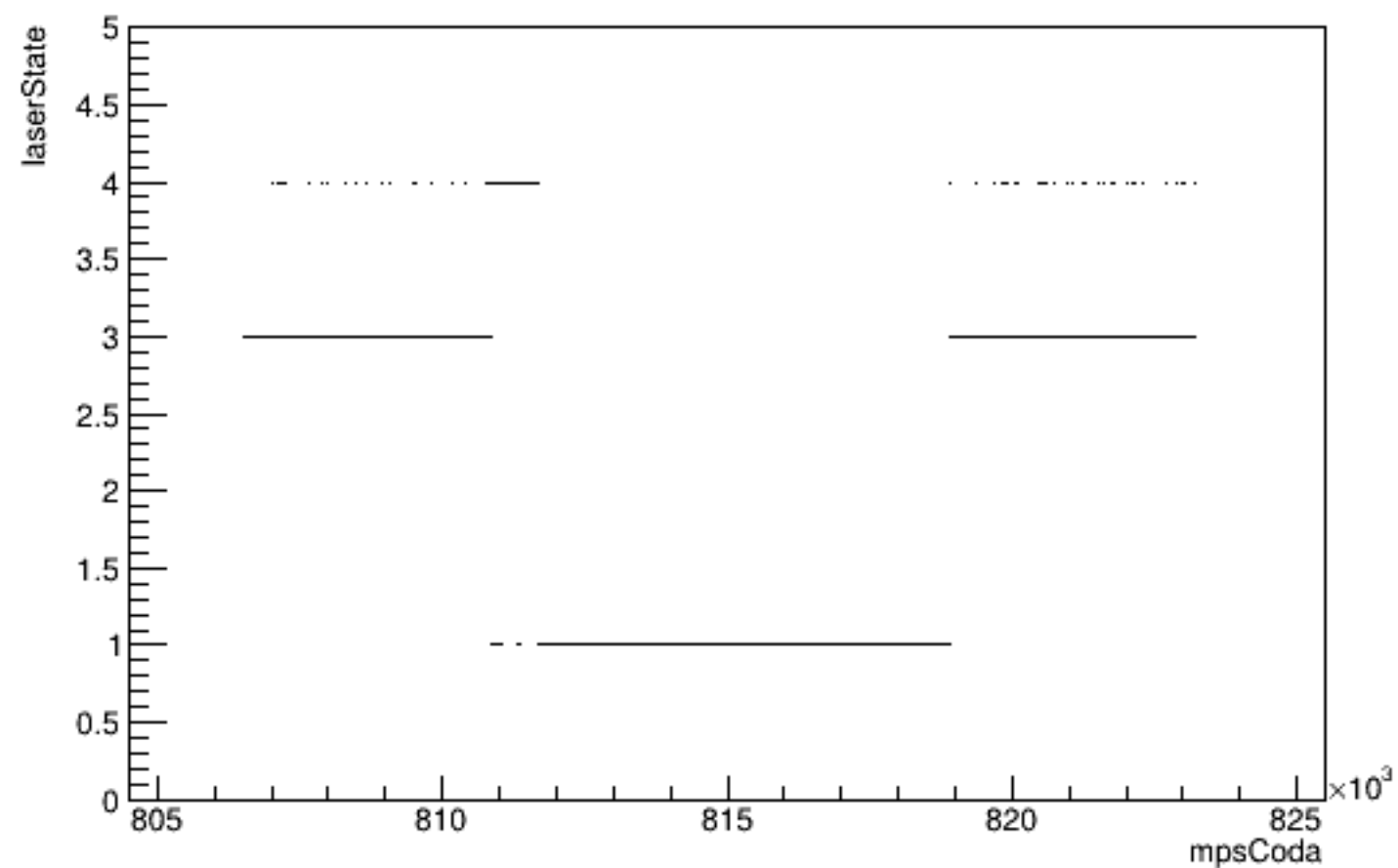
Run 6090 quartetwise, Asyms



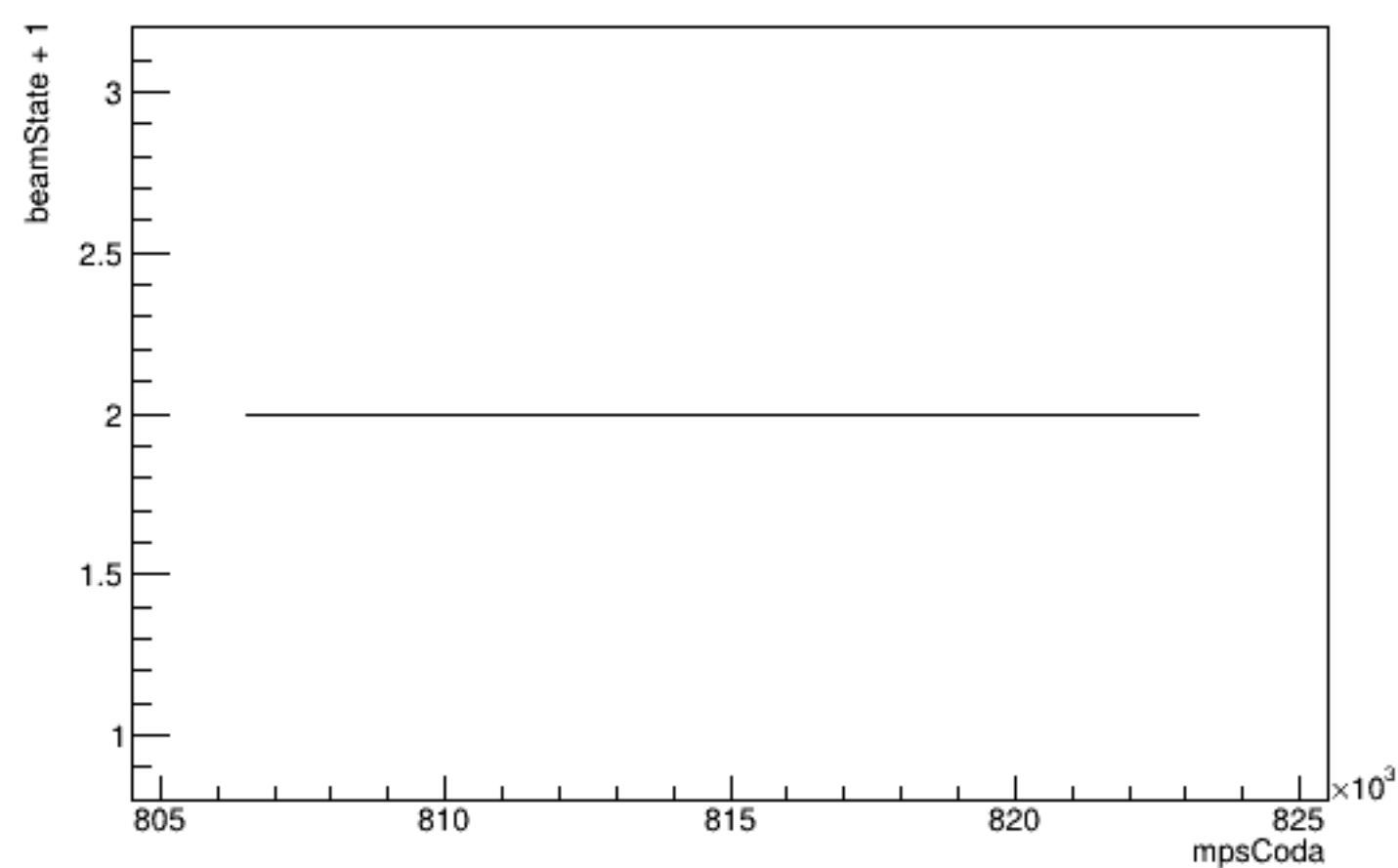
Acc0/NAcc0:mpsCoda (mpsCoda>=806504 && mpsCoda<=823219 && beamState==1)



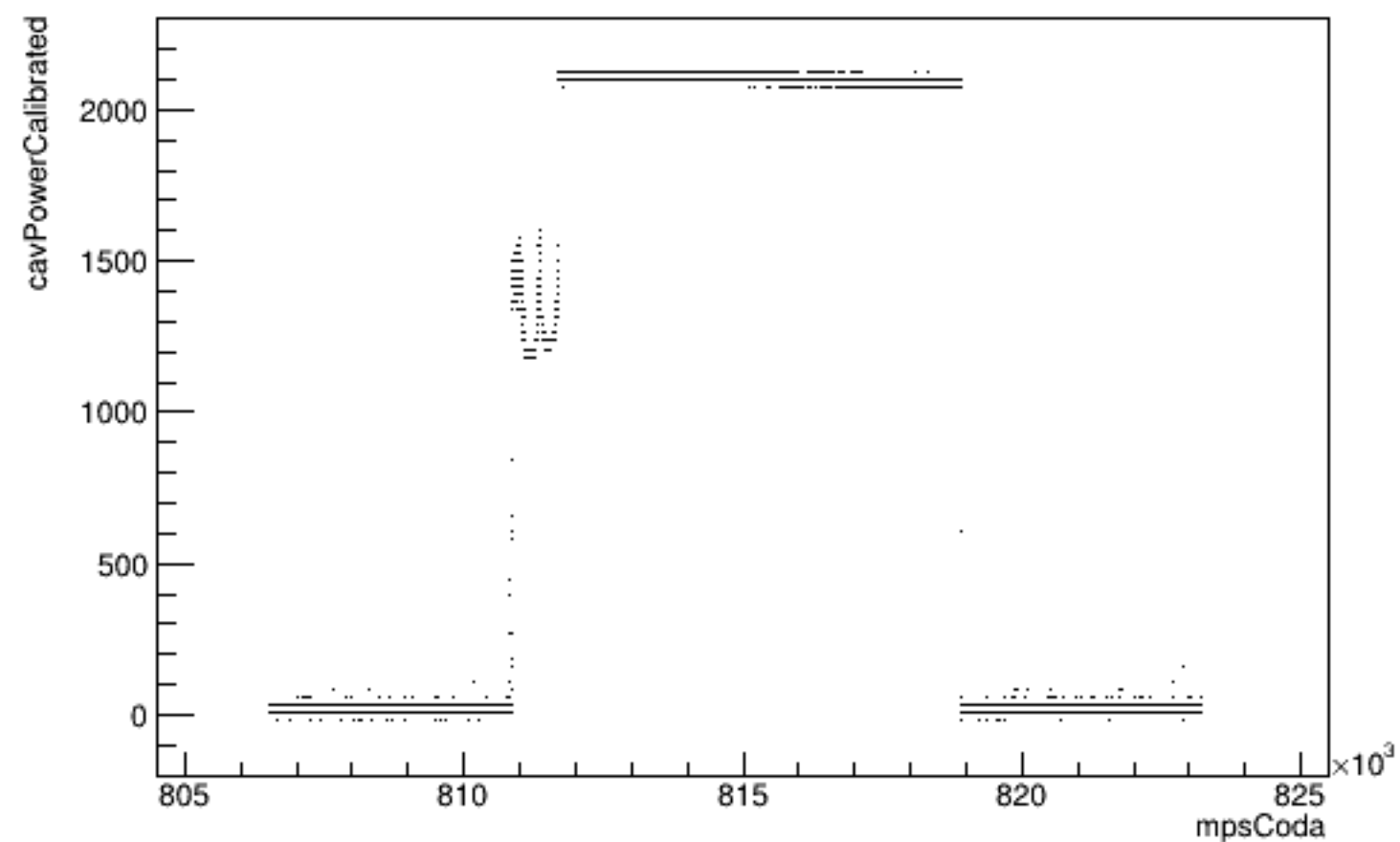
laserState:mpsCoda {mpsCoda>=806504 && mpsCoda<=823219}



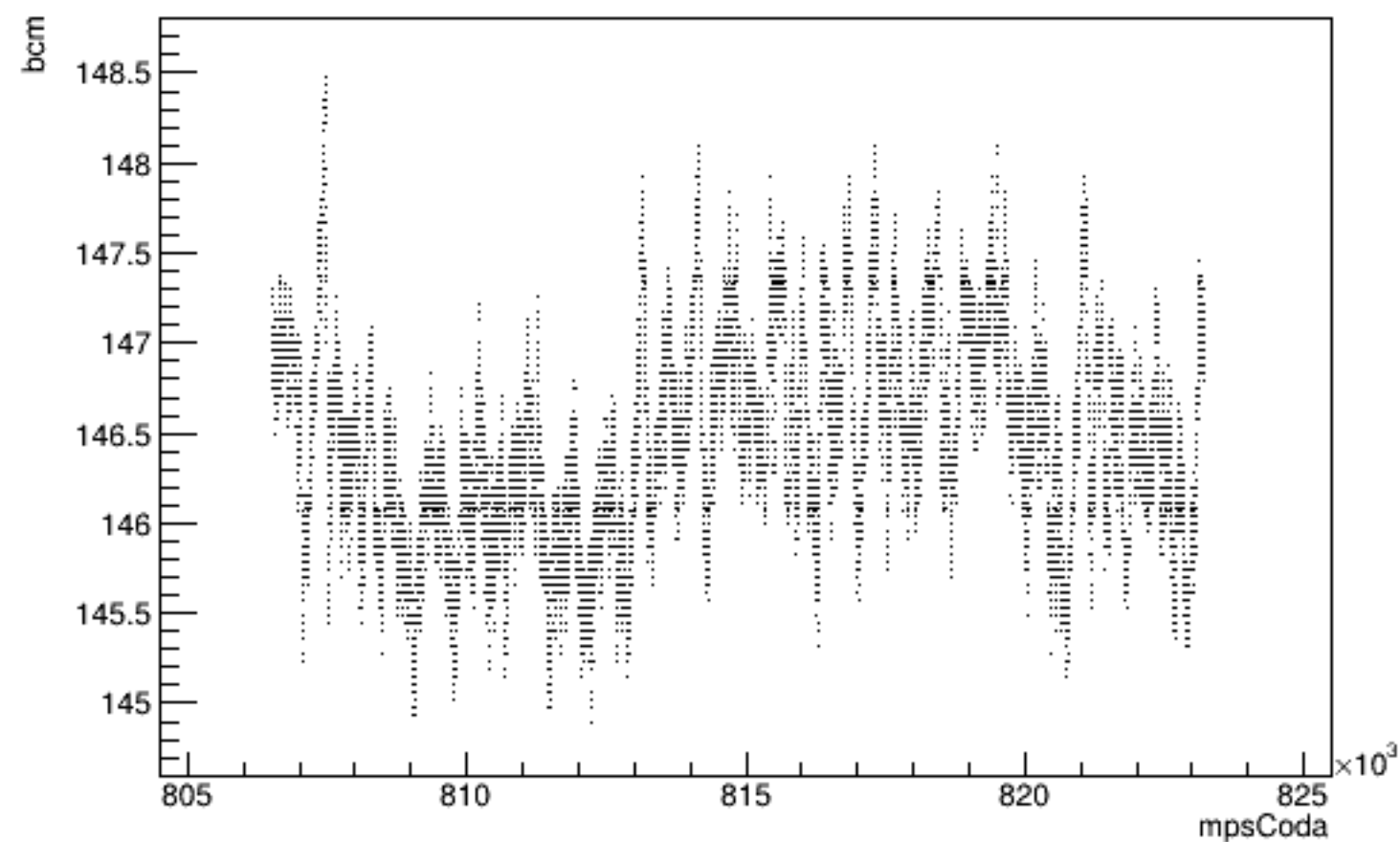
beamState + 1:mpsCoda {mpsCoda>=806504 && mpsCoda<=823219}



cavPowerCalibrated:mpsCoda {mpsCoda>=806504 && mpsCoda<=823219}



bcm:mpsCoda {mpsCoda>=806504 && mpsCoda<=823219}



Cycle 34, Diffs

Entries: 1045

Mean: 0.0351 +/- 0.0119

Std Dev: 0.3859 +/- 0.0084

Entries: 1607

Mean: -0.7311 +/- 0.0133

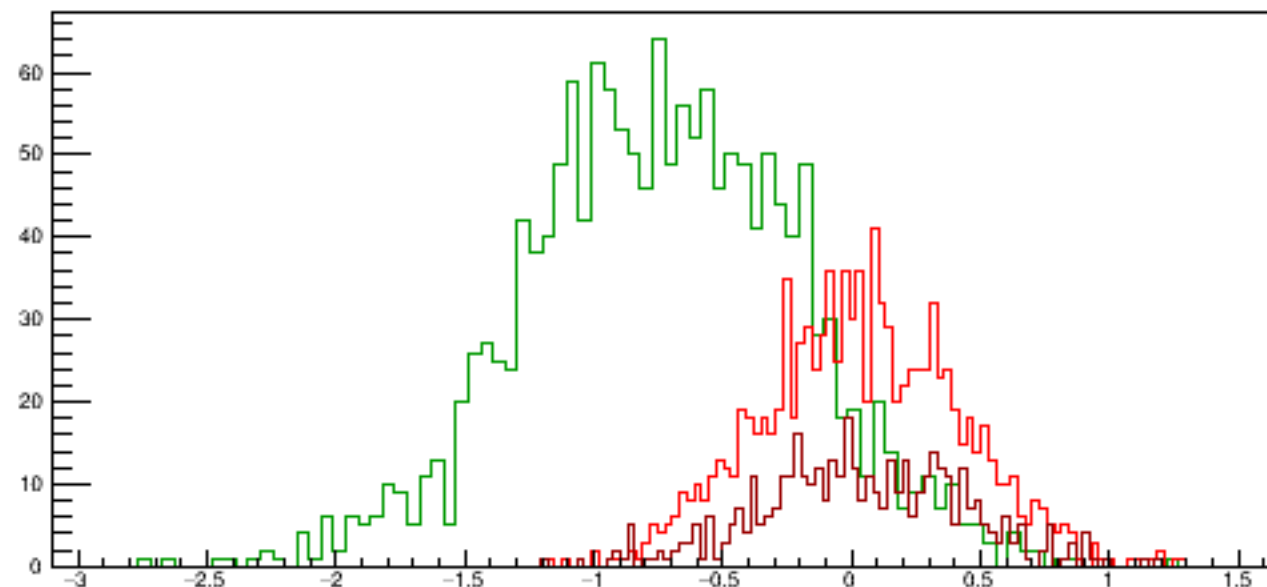
Std Dev: 0.5328 +/- 0.0094

Entries: 429

Mean: 0.0346 +/- 0.0193

Std Dev: 0.3990 +/- 0.0136

Run 6090 quartetwise, Diffs



Cycle 34, Sums

Entries: 1045

Mean: 7.0850 +/- 0.0135

Std Dev: 0.4348 +/- 0.0095

Entries: 1607

Mean: 30.5473 +/- 0.0413

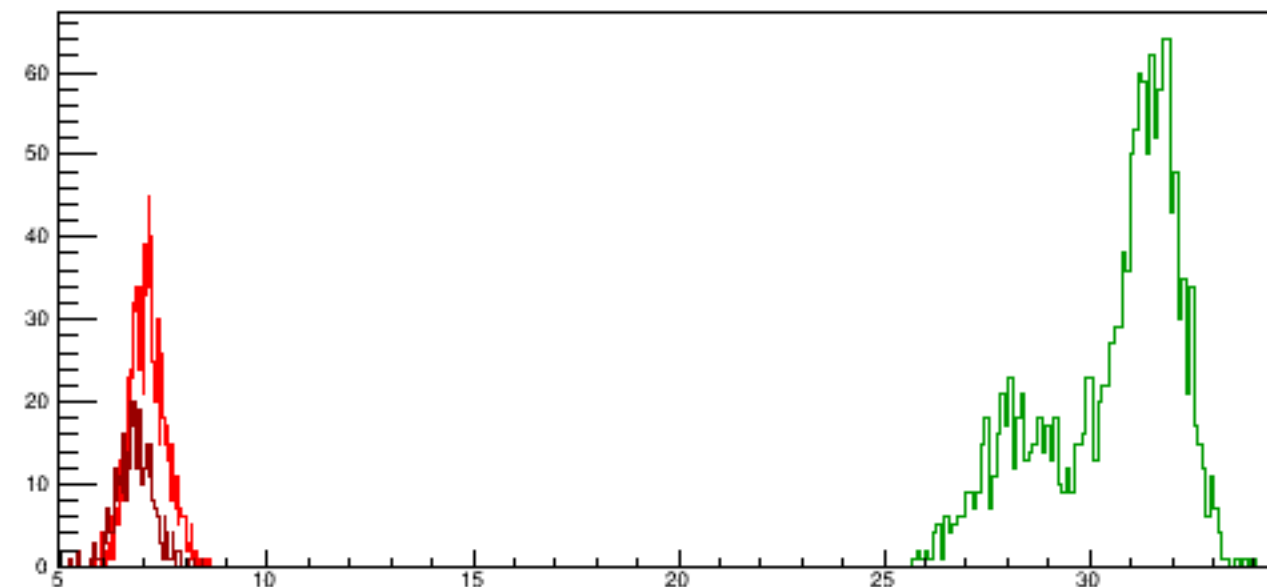
Std Dev: 1.6541 +/- 0.0292

Entries: 429

Mean: 6.7904 +/- 0.0211

Std Dev: 0.4378 +/- 0.0149

Run 6090 quartetwise, Sums



Cycle 34, Asyms

Entries: 1045

Mean: 0.0015 +/- 0.0005

Std Dev: 0.0163 +/- 0.0004

Entries: 1607

Mean: -0.0310 +/- 0.0006

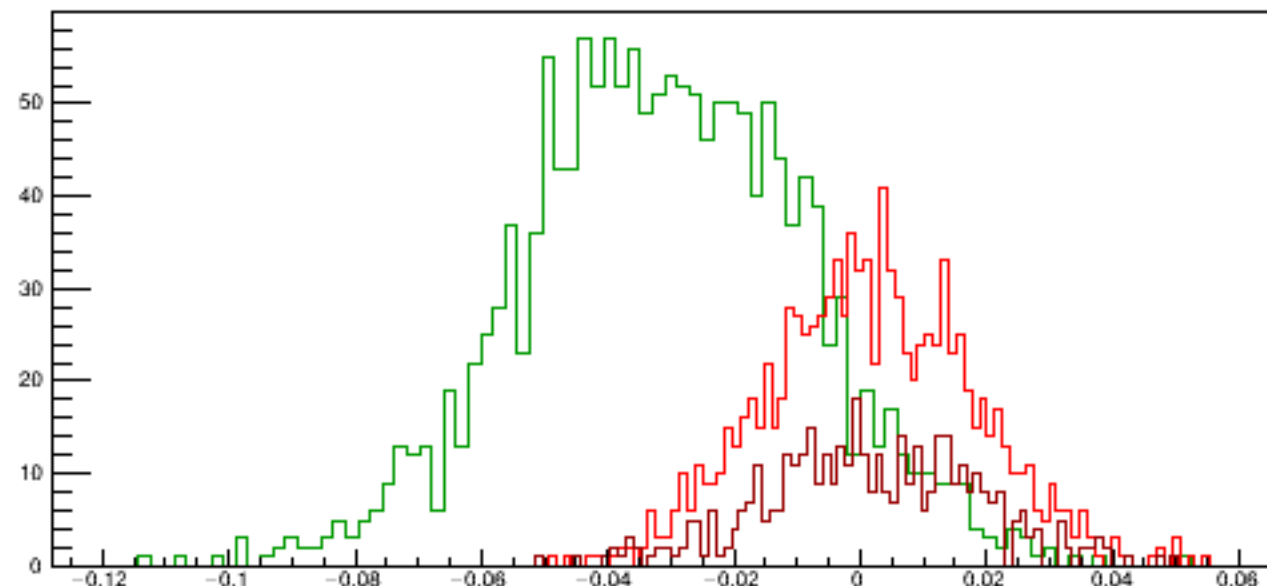
Std Dev: 0.0225 +/- 0.0004

Entries: 429

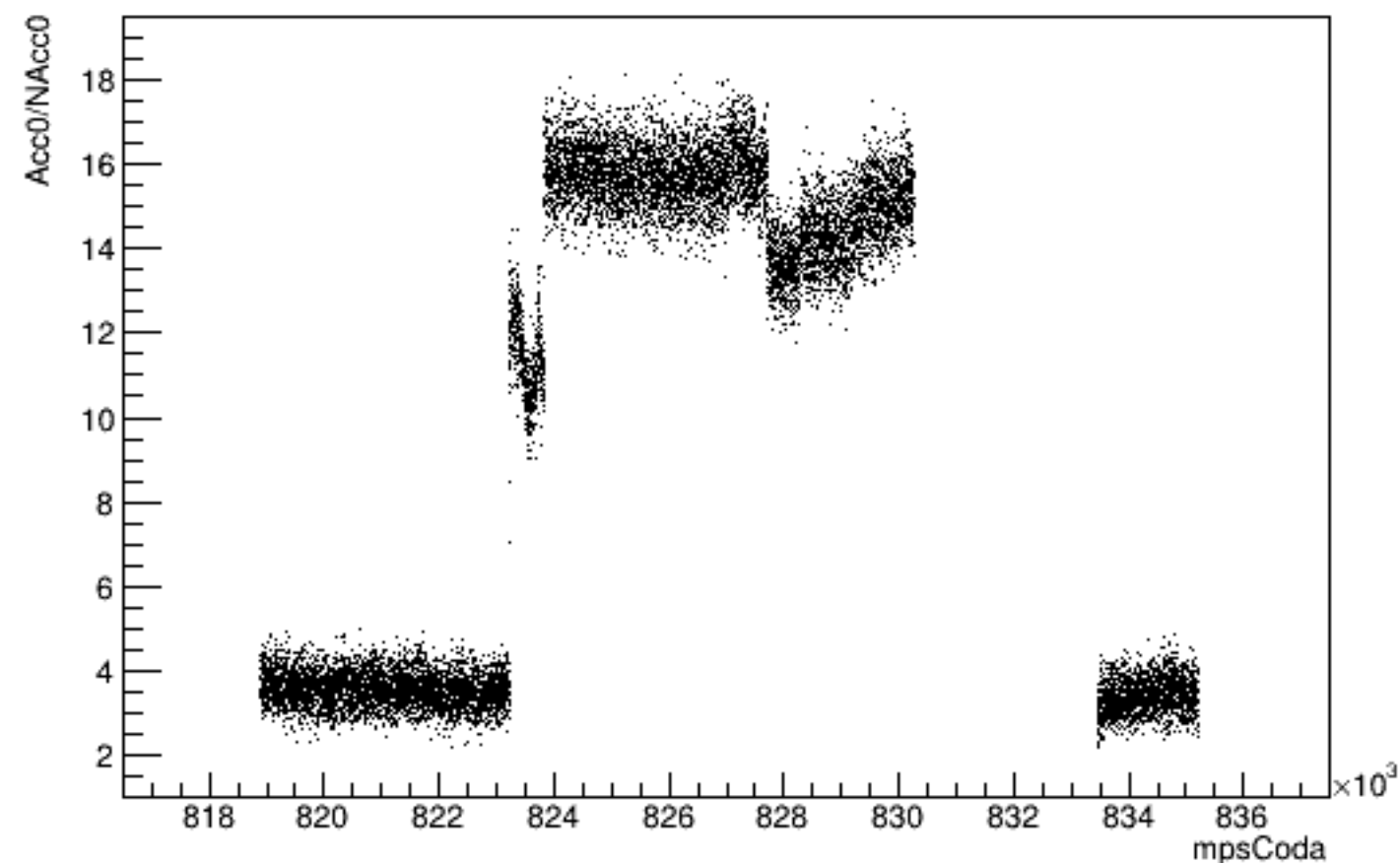
Mean: 0.0015 +/- 0.0008

Std Dev: 0.0169 +/- 0.0006

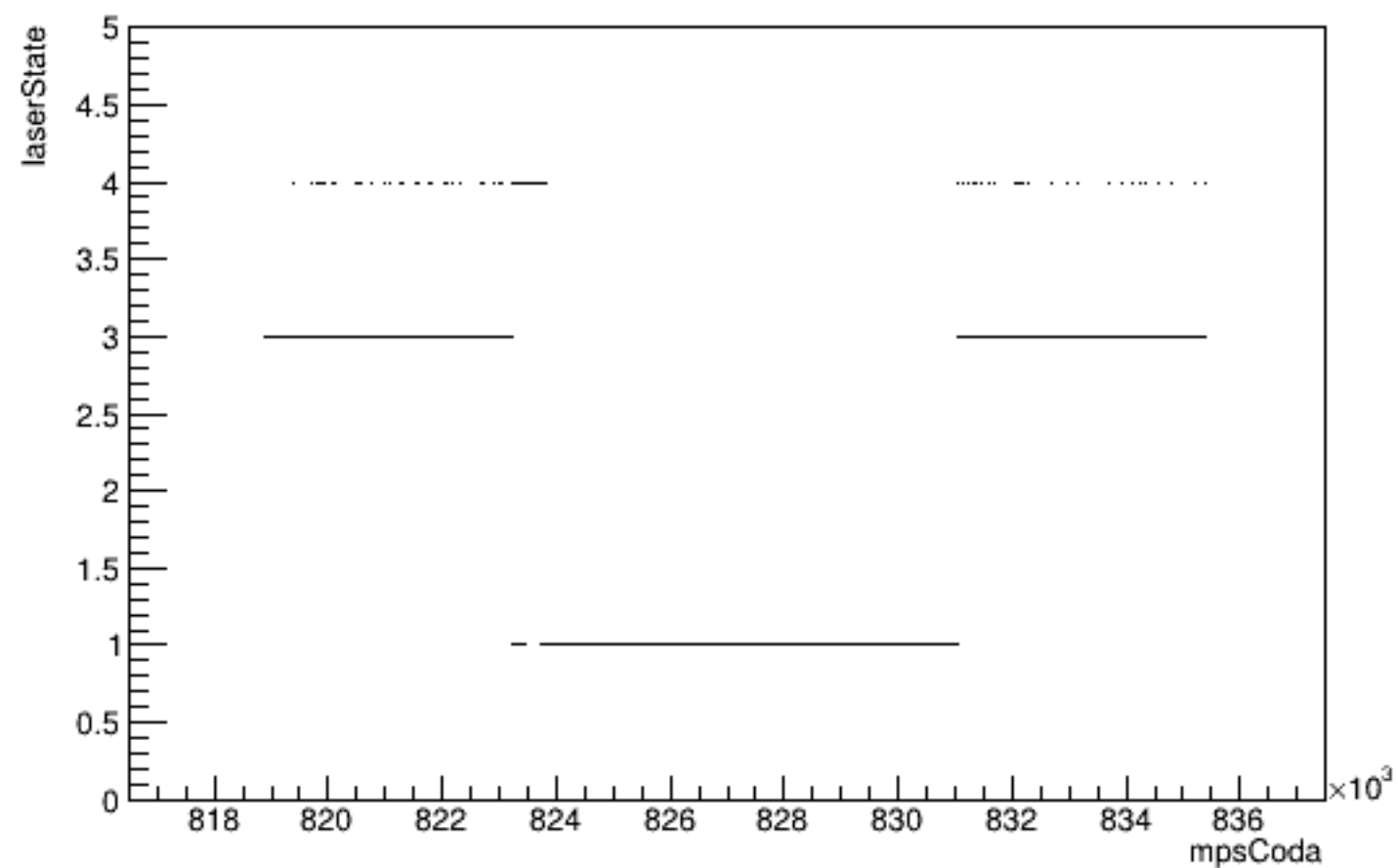
Run 6090 quartetwise, Asyms



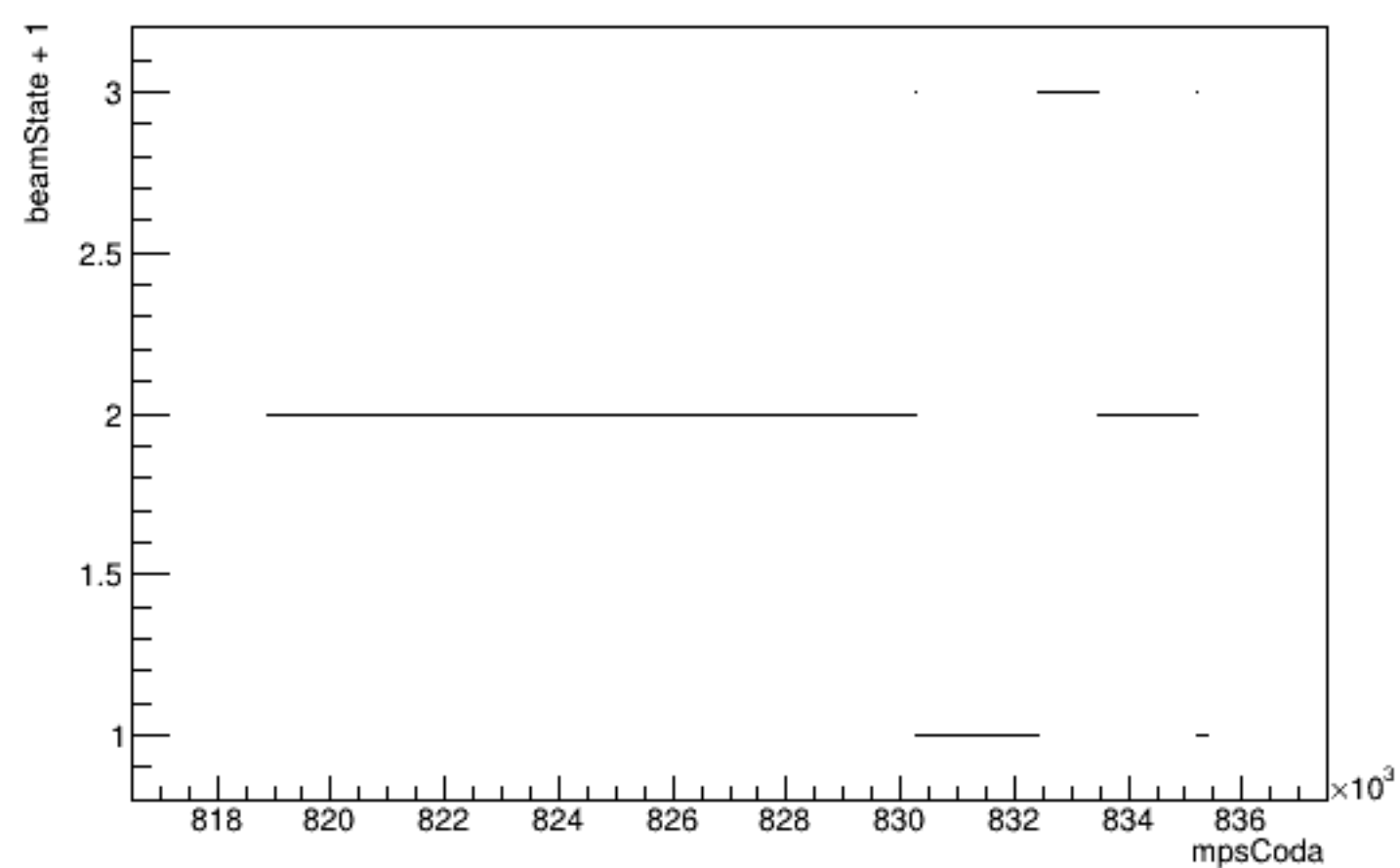
Acc0/NAcc0:mpsCoda (mpsCoda>=818896 && mpsCoda<=835383 && beamState==1)



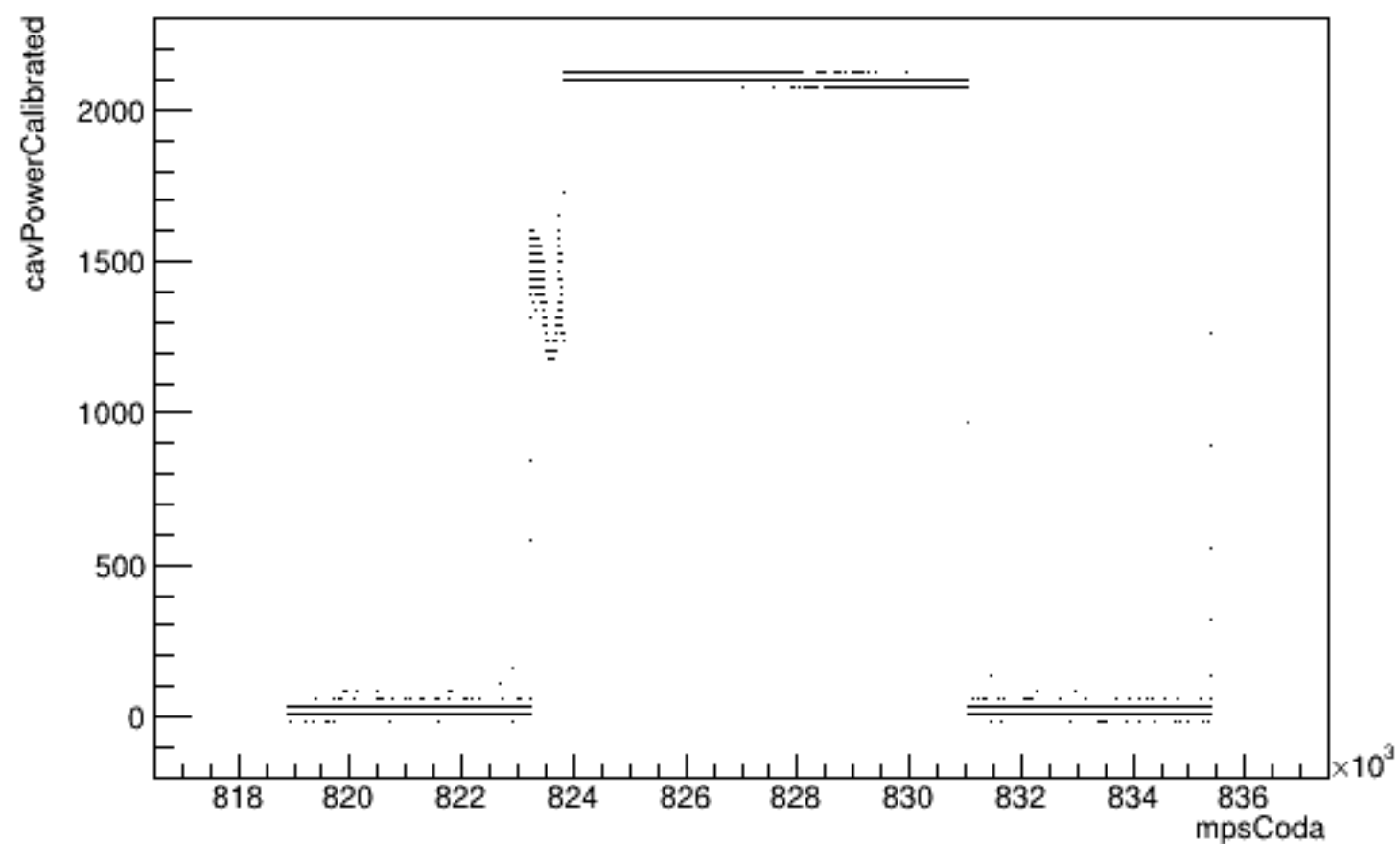
laserState:mpsCoda {mpsCoda>=818896 && mpsCoda<=835383}



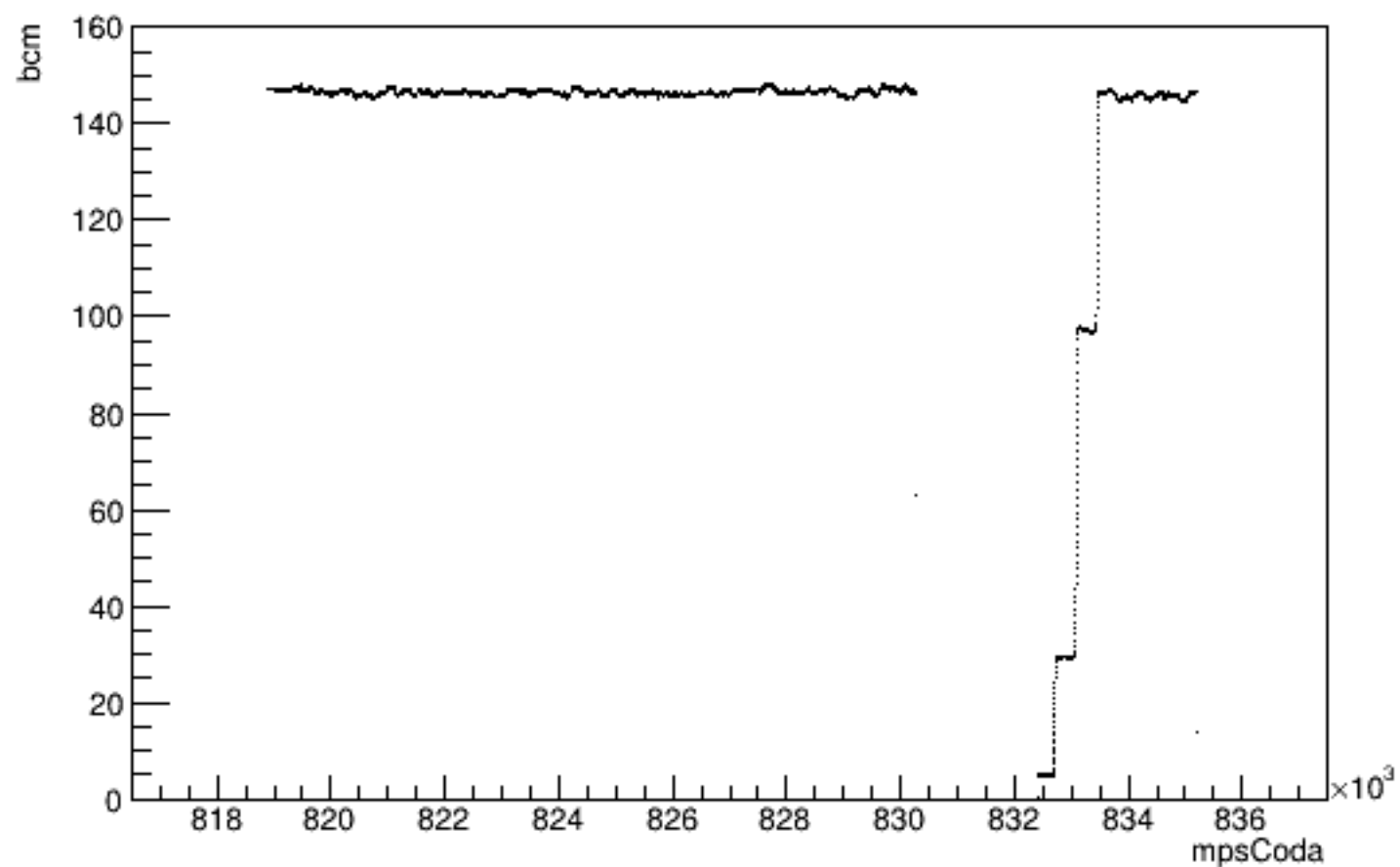
beamState + 1:mpsCoda {mpsCoda>=818896 && mpsCoda<=835383}



cavPowerCalibrated:mpsCoda {mpsCoda>=818896 && mpsCoda<=835383}



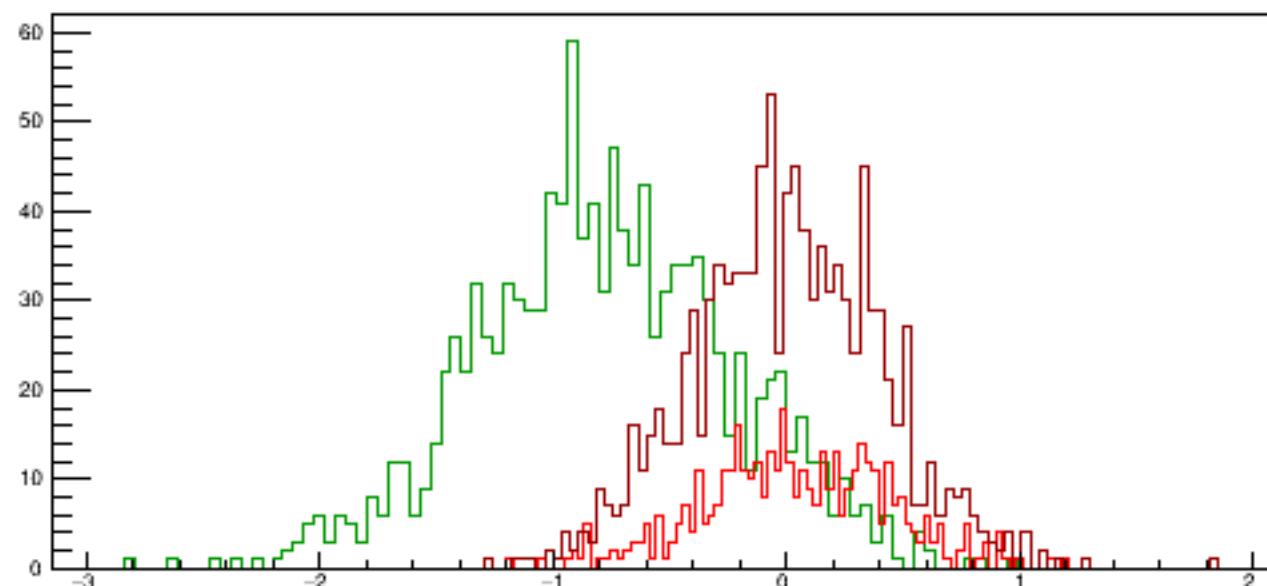
bcm:mpsCoda {mpsCoda>=818896 && mpsCoda<=835383}



Cycle 35, Diffs

Entries: 429	Entries: 1219	Entries: 1085
Mean: 0.0346 +/- 0.0193	Mean: -0.7791 +/- 0.0157	Mean: 0.0002 +/- 0.0122
Std Dev: 0.3990 +/- 0.0136	Std Dev: 0.5489 +/- 0.0111	Std Dev: 0.4032 +/- 0.0087

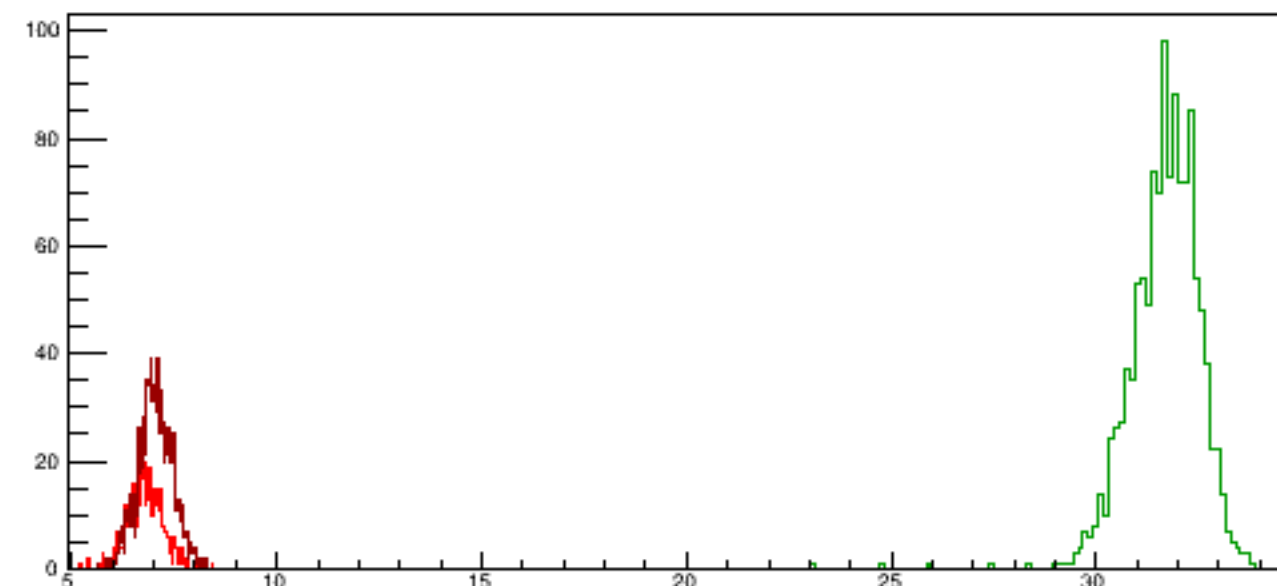
Run 6090 quartetwise, Diffs



Cycle 35, Sums

Entries: 429	Entries: 1219	Entries: 1085
Mean: 6.7904 +/- 0.0211	Mean: 31.6679 +/- 0.0247	Mean: 7.0372 +/- 0.0126
Std Dev: 0.4378 +/- 0.0149	Std Dev: 0.8624 +/- 0.0175	Std Dev: 0.4157 +/- 0.0089

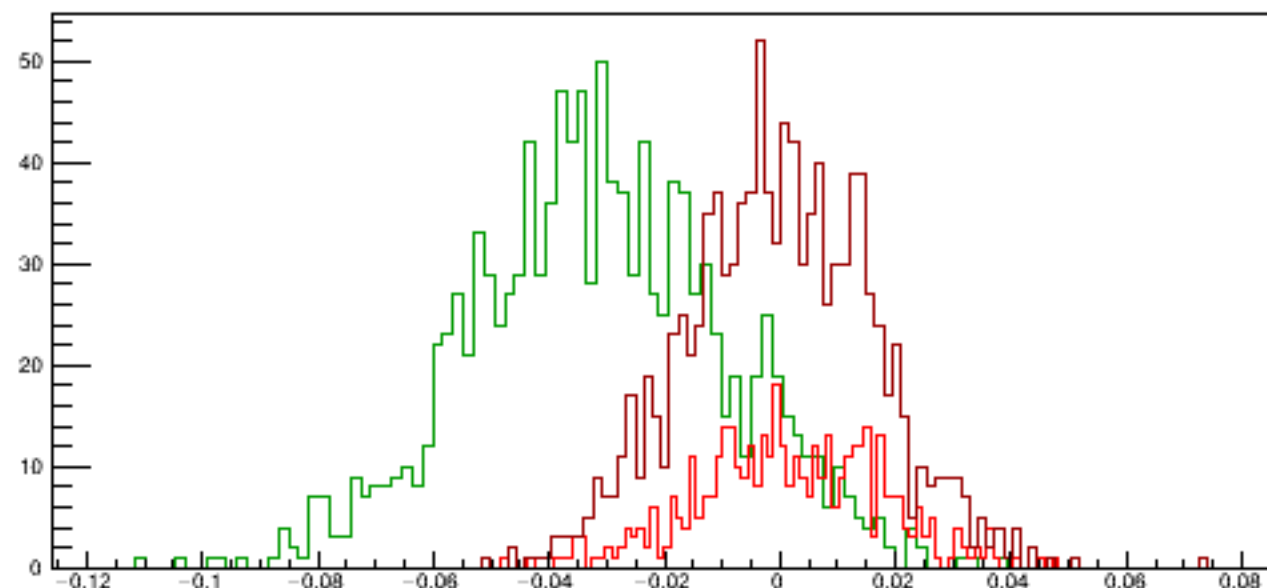
Run 6090 quartetwise, Sums



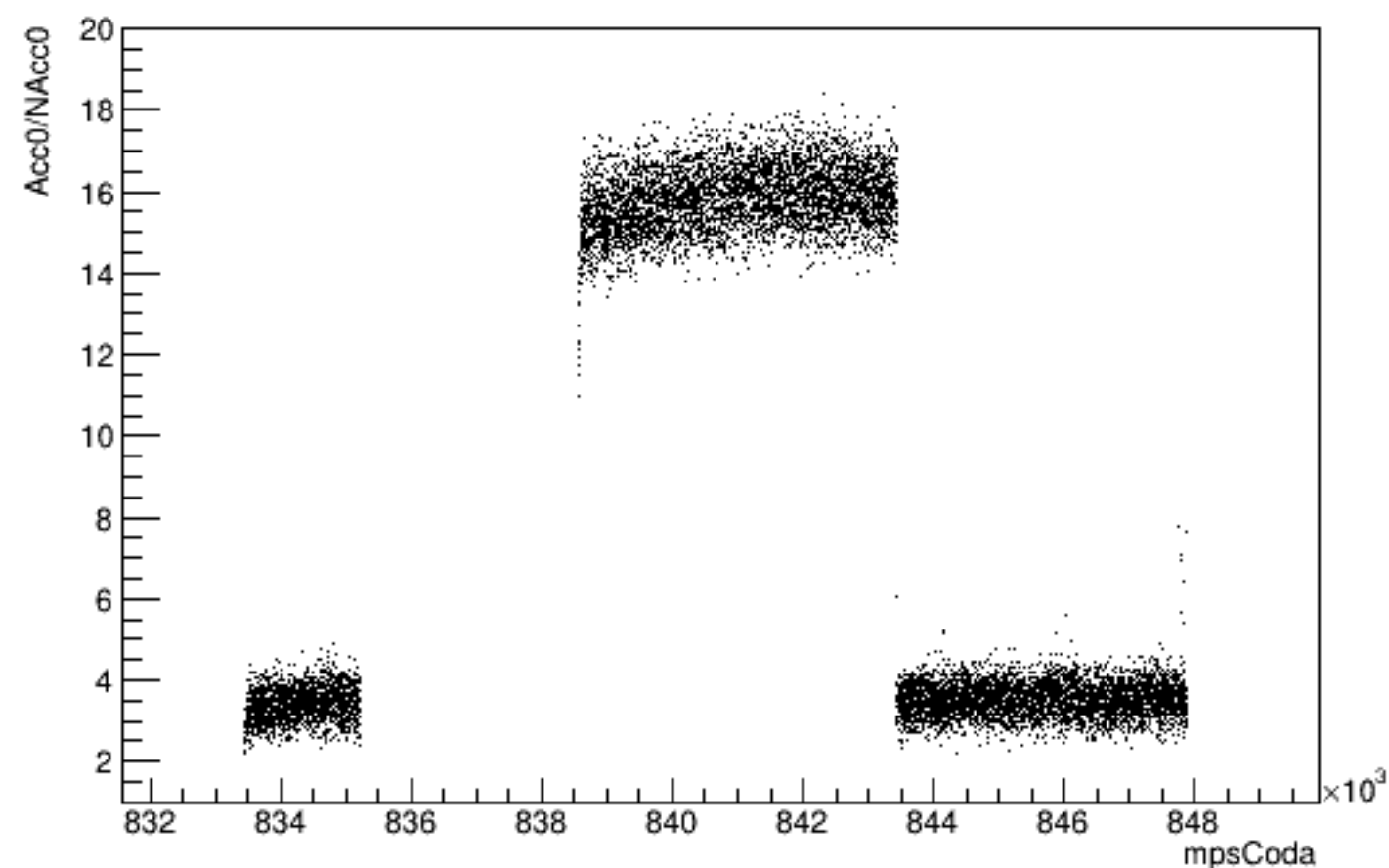
Cycle 35, Asyms

Entries: 429	Entries: 1219	Entries: 1085
Mean: 0.0014 +/- 0.0008	Mean: -0.0315 +/- 0.0006	Mean: 0.0000 +/- 0.0005
Std Dev: 0.0161 +/- 0.0006	Std Dev: 0.0222 +/- 0.0004	Std Dev: 0.0163 +/- 0.0003

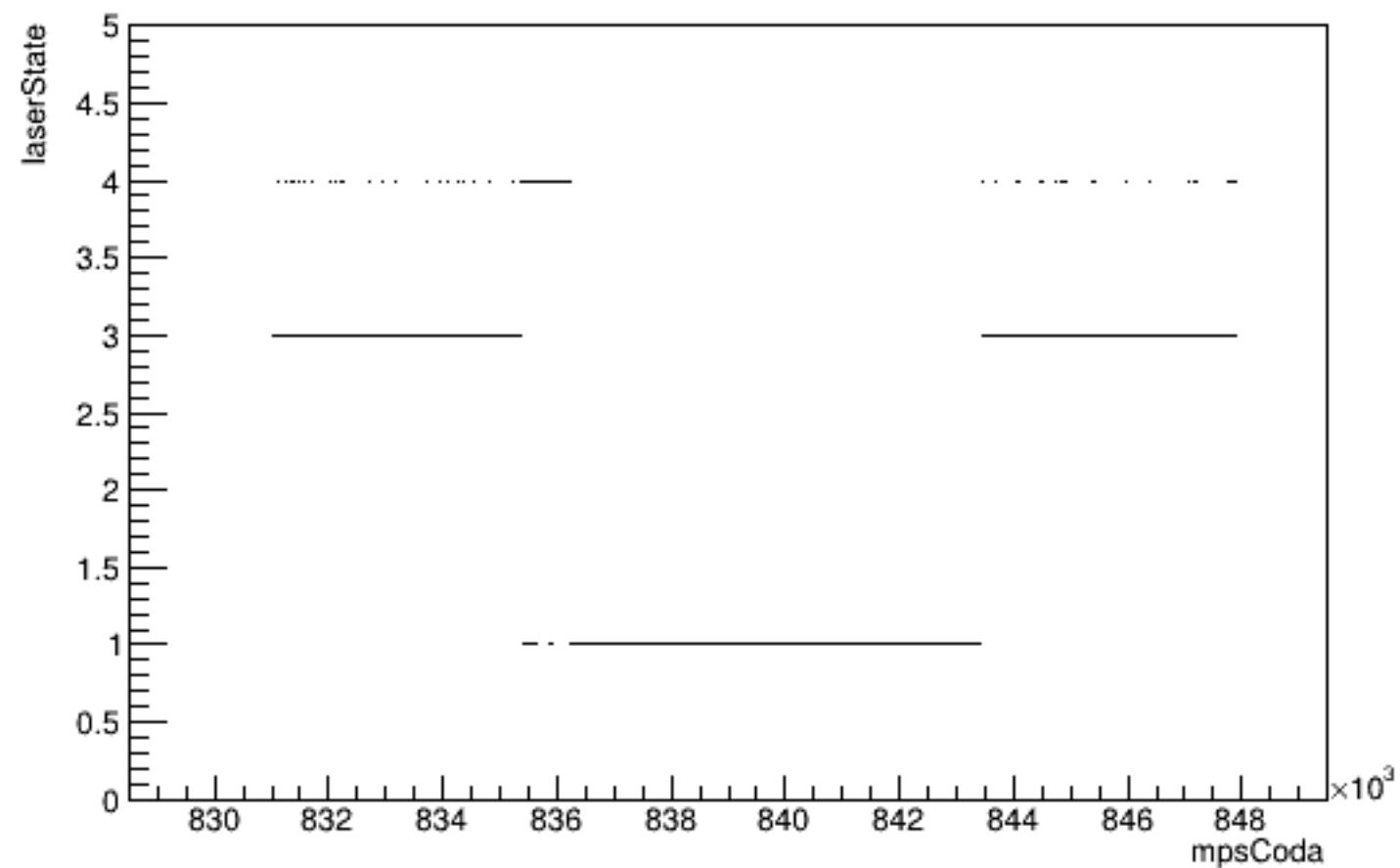
Run 6090 quartetwise, Asyms



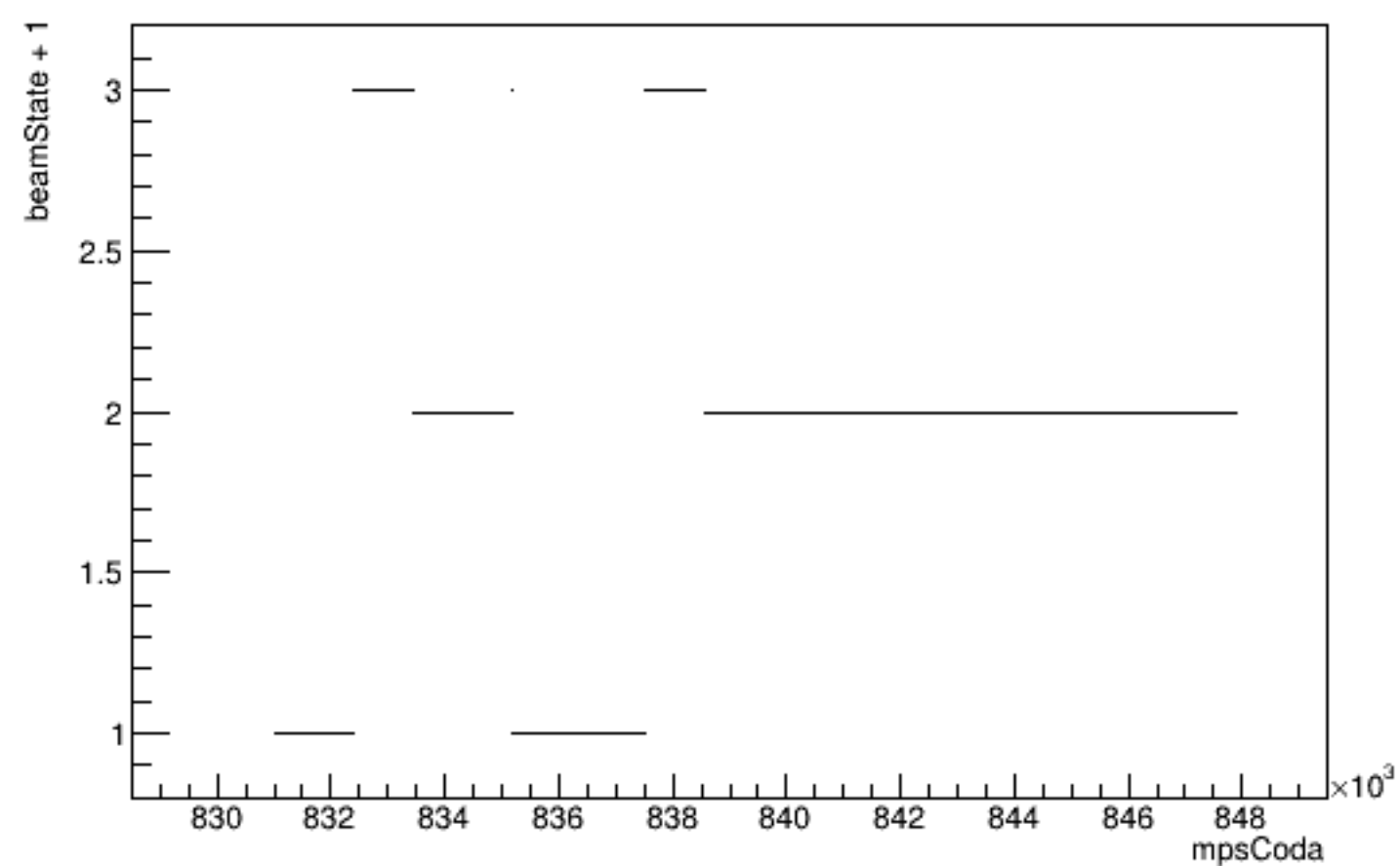
Acc0/NAcc0:mpsCoda (mpsCoda>=831036 && mpsCoda<=847879 && beamState==1)



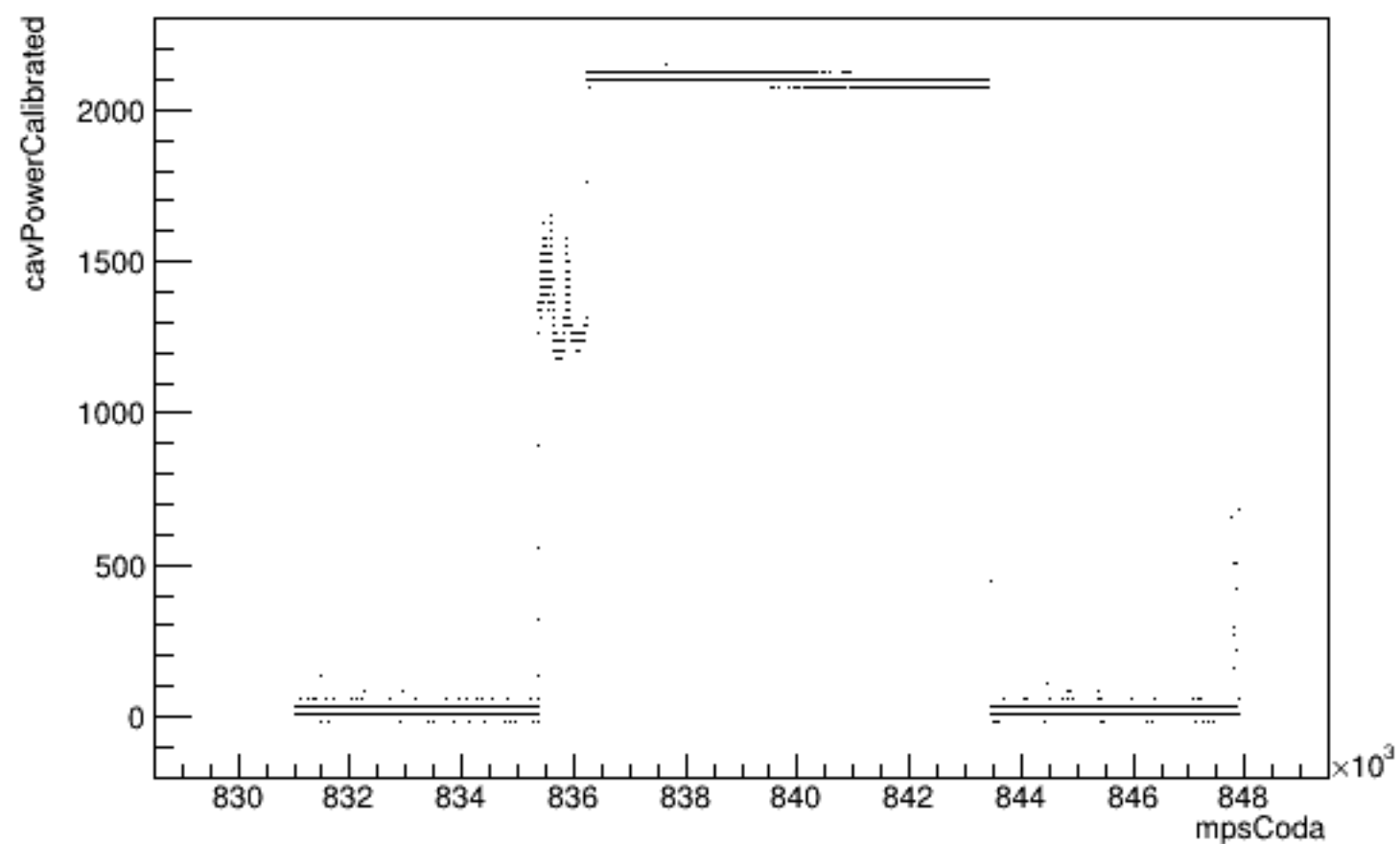
laserState:mpsCoda {mpsCoda>=831036 && mpsCoda<=847879}



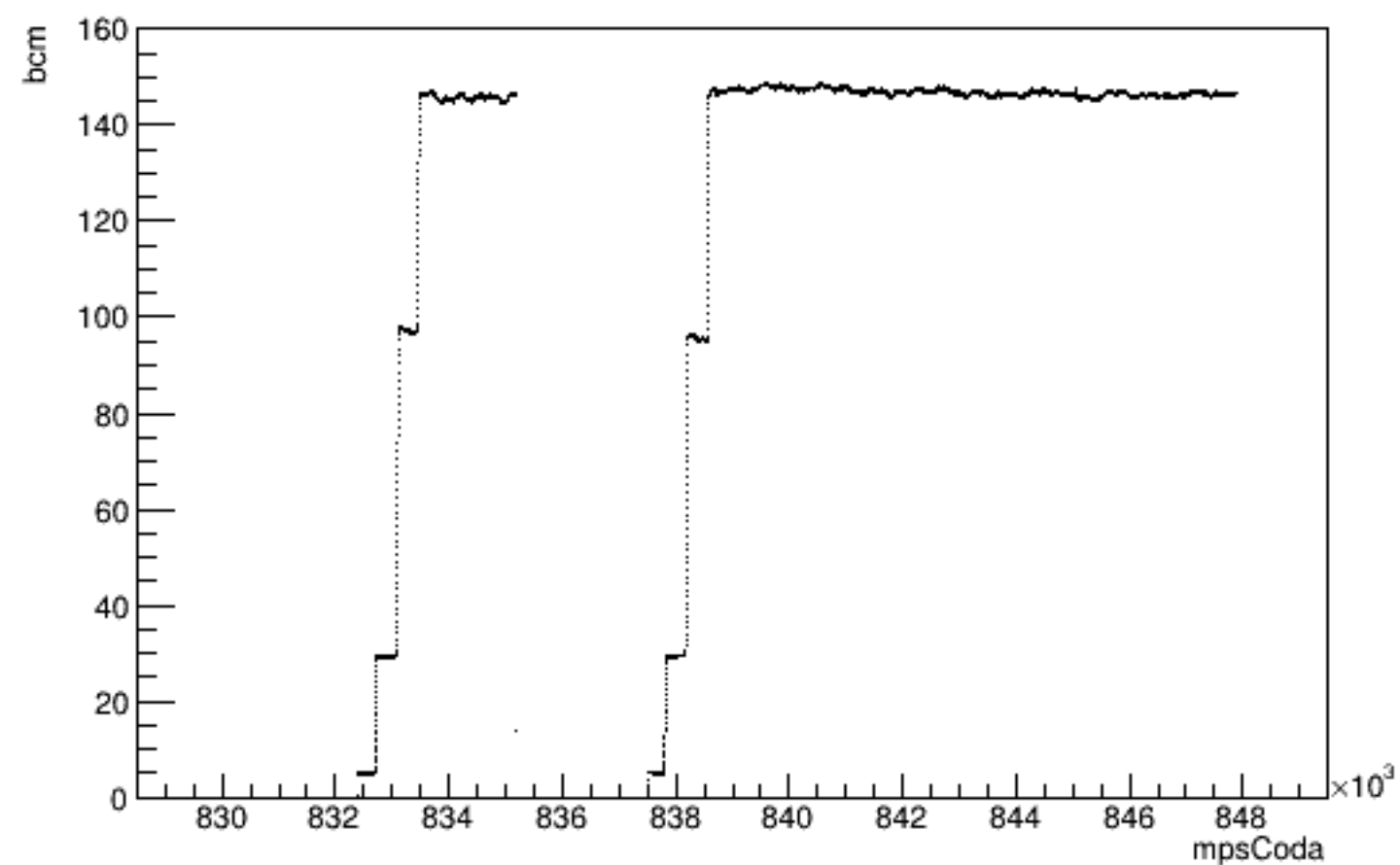
beamState + 1:mpsCoda {mpsCoda>=831036 && mpsCoda<=847879}



cavPowerCalibrated:mpsCoda {mpsCoda>=831036 && mpsCoda<=847879}



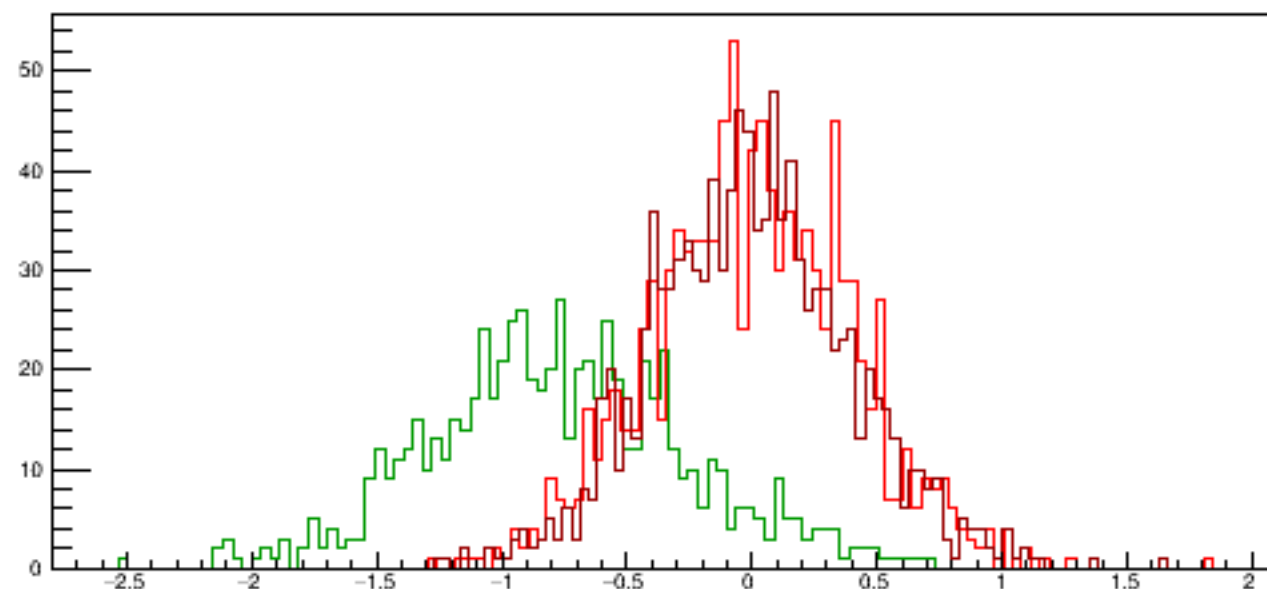
bcm:mpsCoda {mpsCoda>=831036 && mpsCoda<=847879}



Cycle 36, Diffs

Entries: 1085	Entries: 708	Entries: 1093
Mean: 0.0002 +/- 0.0122	Mean: -0.7669 +/- 0.0195	Mean: -0.0031 +/- 0.0120
Std Dev: 0.4032 +/- 0.0087	Std Dev: 0.5179 +/- 0.0138	Std Dev: 0.3960 +/- 0.0085

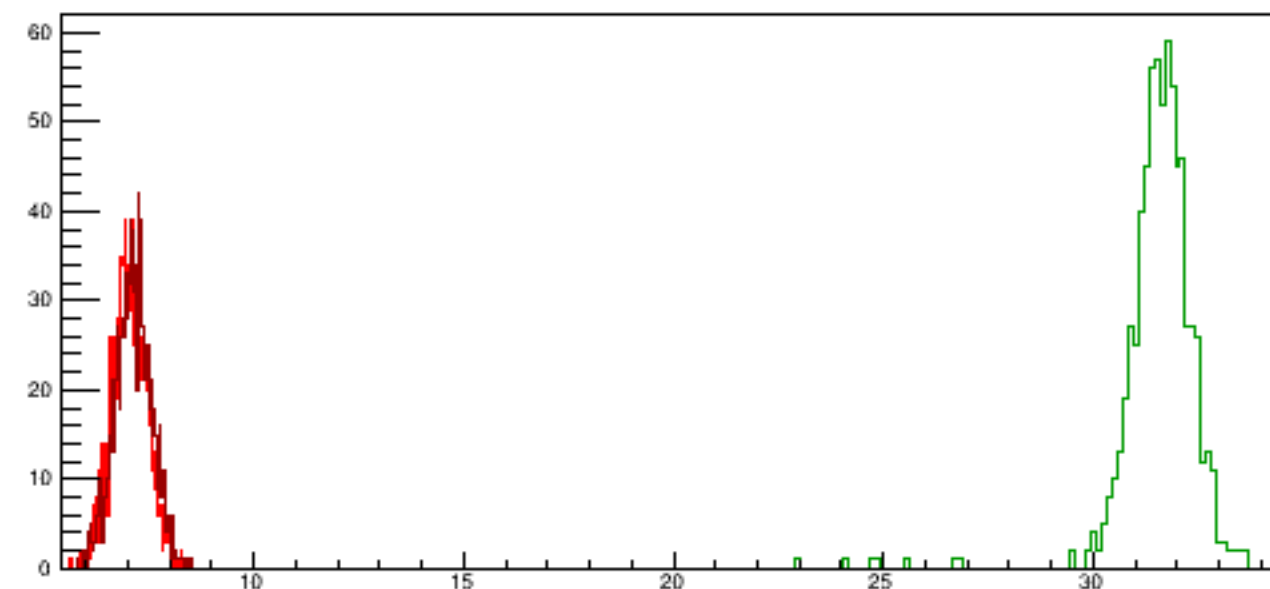
Run 6090 quartetwise, Diffs



Cycle 36, Sums

Entries: 1085	Entries: 708	Entries: 1093
Mean: 7.0372 +/- 0.0126	Mean: 31.5989 +/- 0.0347	Mean: 7.1263 +/- 0.0129
Std Dev: 0.4157 +/- 0.0089	Std Dev: 0.9230 +/- 0.0245	Std Dev: 0.4278 +/- 0.0092

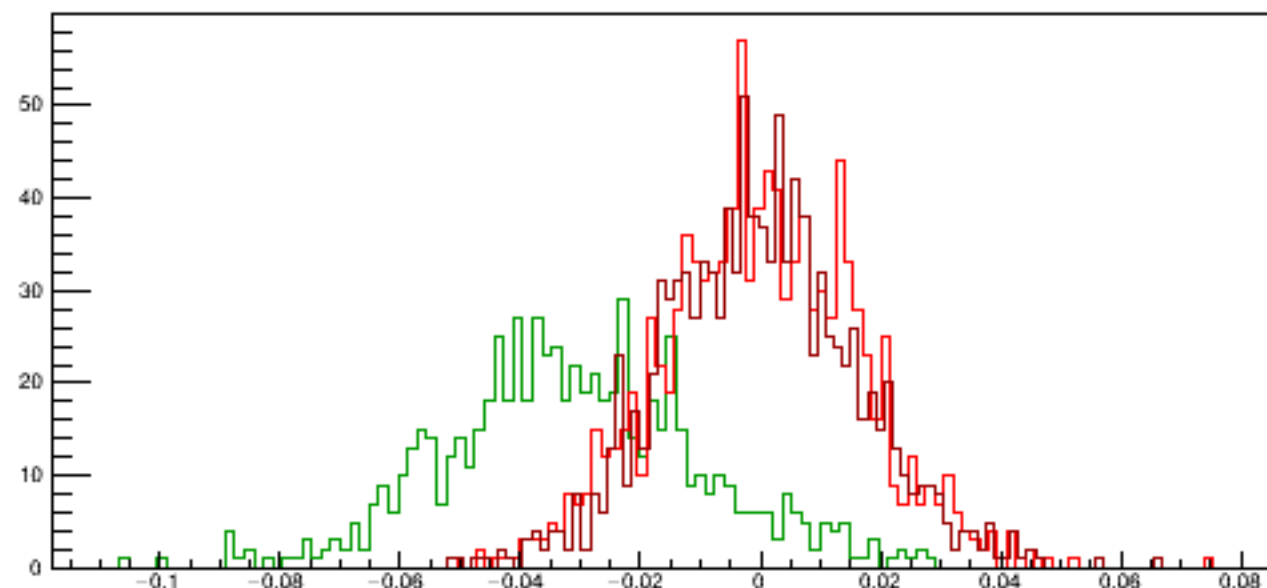
Run 6090 quartetwise, Sums



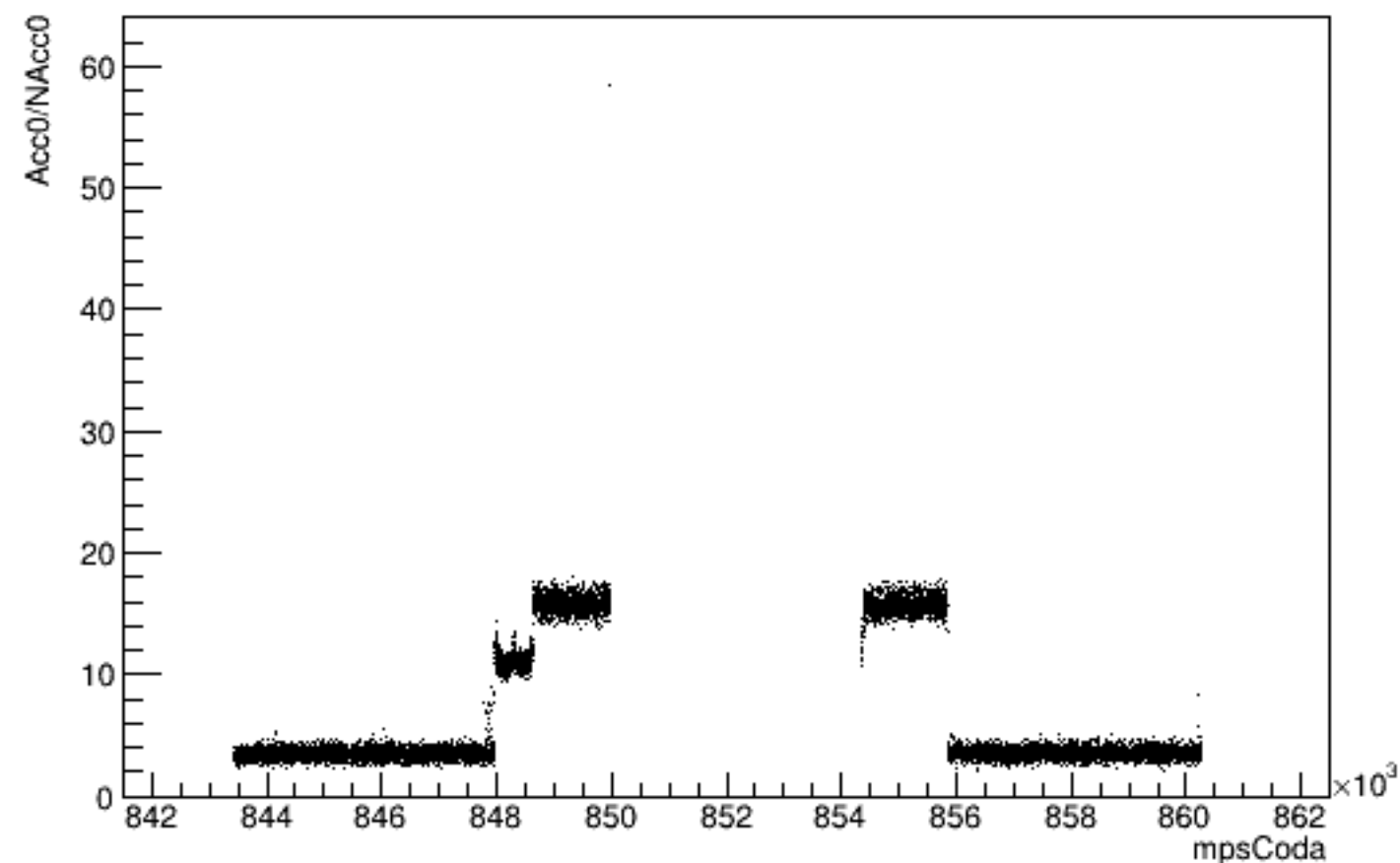
Cycle 36, Asyms

Entries: 1085	Entries: 708	Entries: 1093
Mean: 0.0000 +/- 0.0005	Mean: -0.0314 +/- 0.0008	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0164 +/- 0.0004	Std Dev: 0.0213 +/- 0.0006	Std Dev: 0.0162 +/- 0.0003

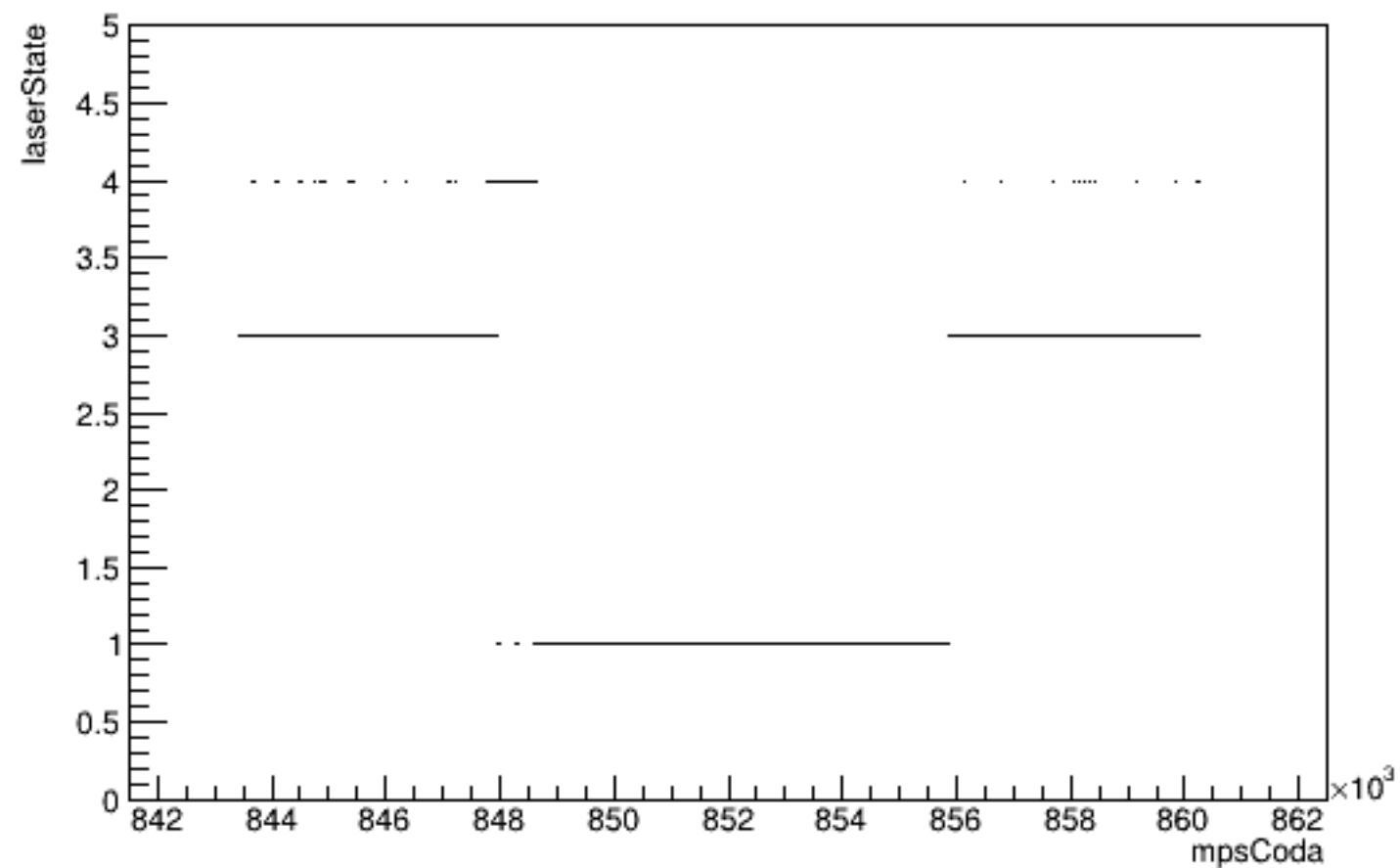
Run 6090 quartetwise, Asyms



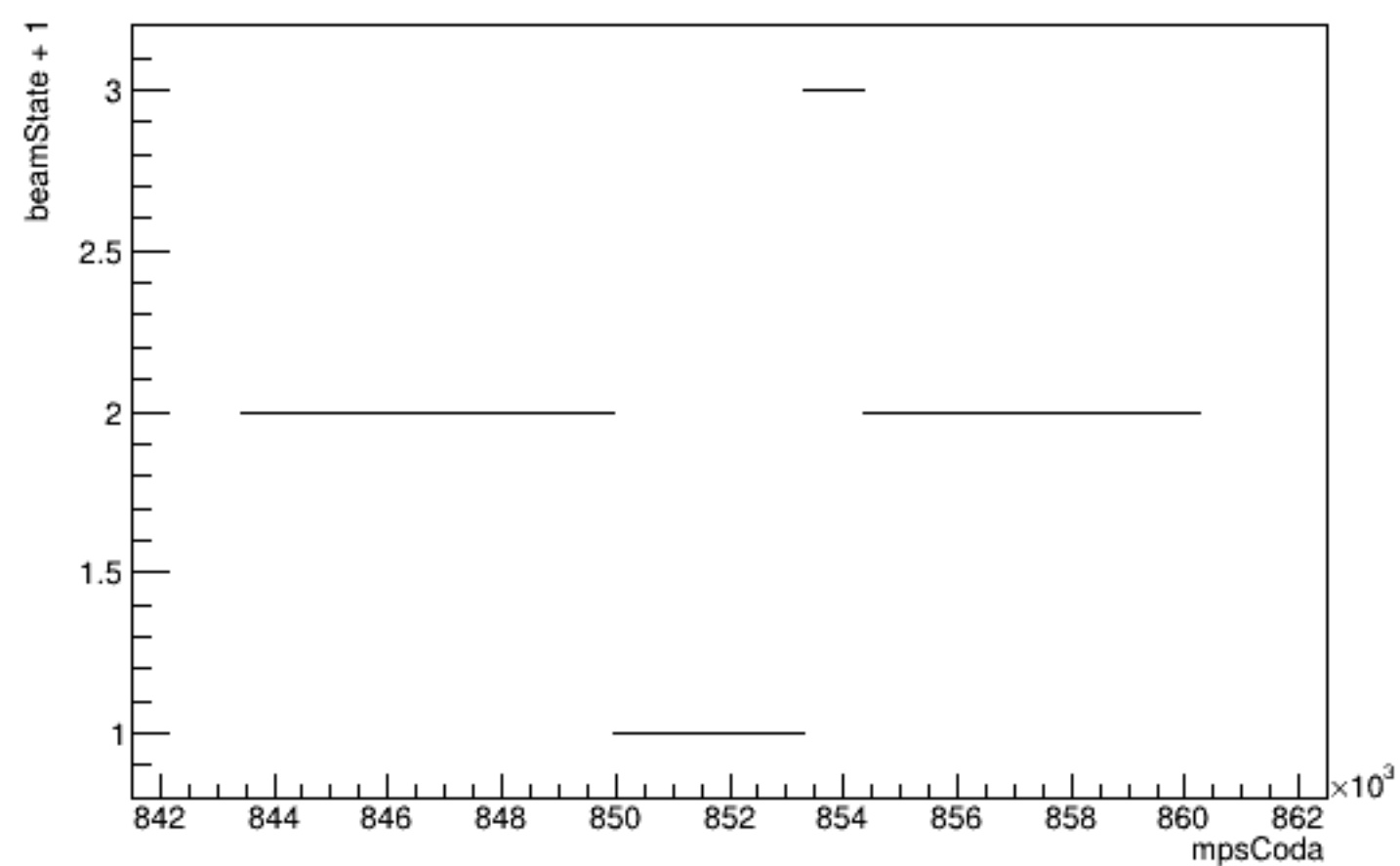
Acc0/NAcc0:mpsCoda (mpsCoda>=843440 && mpsCoda<=860267 && beamState==1)



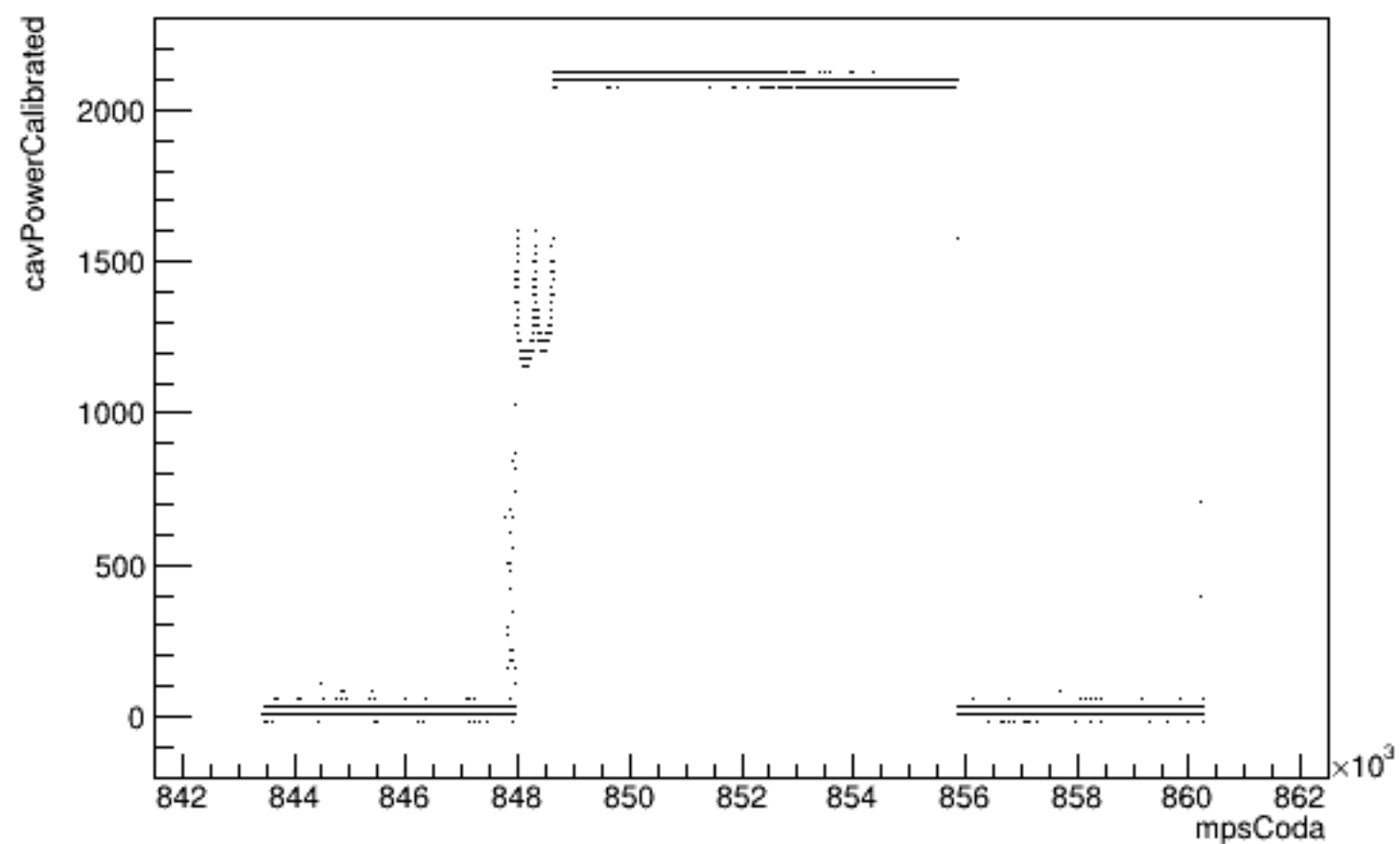
laserState:mpsCoda {mpsCoda>=843440 && mpsCoda<=860267}



beamState + 1:mpsCoda {mpsCoda>=843440 && mpsCoda<=860267}



cavPowerCalibrated:mpsCoda {mpsCoda>=843440 && mpsCoda<=860267}



bcm:mpsCoda {mpsCoda>=843440 && mpsCoda<=860267}

