

Cycle 2, Diffs

Entries: 3290

Mean: 0.0282 +/- 0.0049

Std Dev: 0.2791 +/- 0.0034

Entries: 2032

Mean: 0.1463 +/- 0.0075

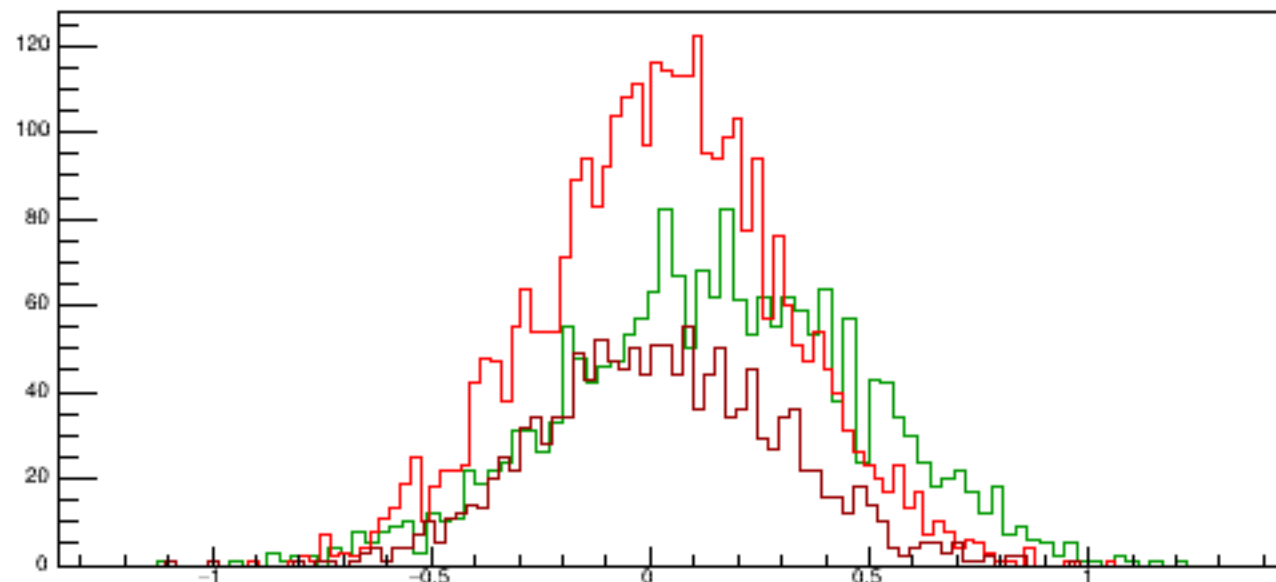
Std Dev: 0.3396 +/- 0.0053

Entries: 1392

Mean: 0.0252 +/- 0.0074

Std Dev: 0.2746 +/- 0.0052

Run 4576 quartetwise, Diffs



Cycle 2, Sums

Entries: 3290

Mean: 14.7259 +/- 0.0067

Std Dev: 0.3852 +/- 0.0047

Entries: 2032

Mean: 22.5999 +/- 0.0132

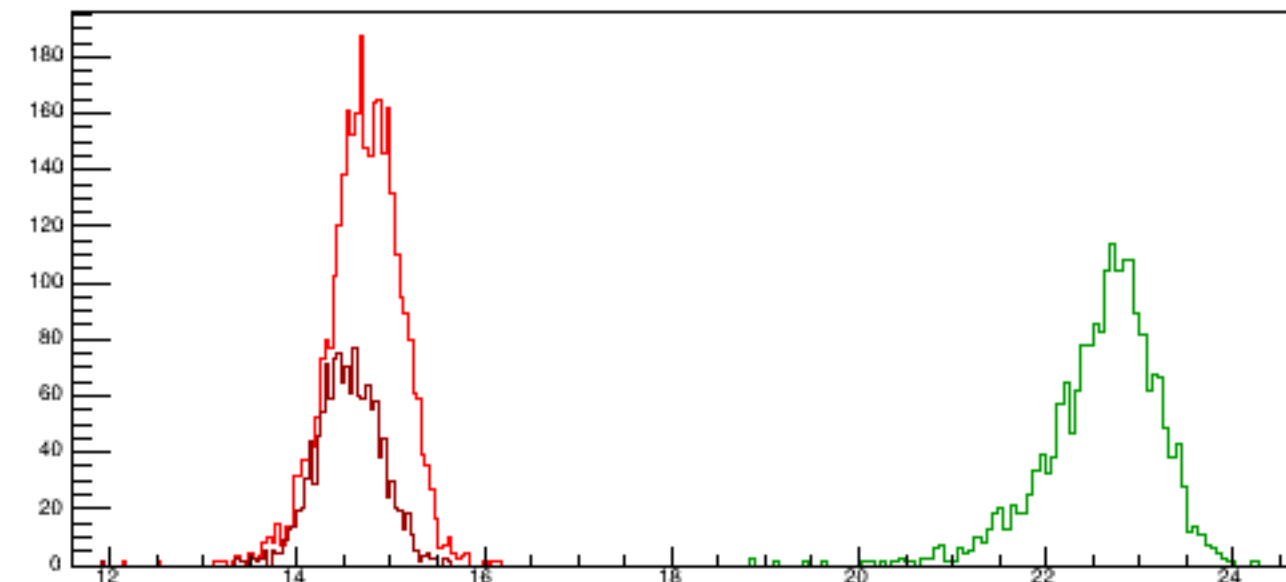
Std Dev: 0.5957 +/- 0.0093

Entries: 1392

Mean: 14.5462 +/- 0.0092

Std Dev: 0.3435 +/- 0.0065

Run 4576 quartetwise, Sums



Cycle 2, Asyms

Entries: 3290

Mean: 0.0035 +/- 0.0006

Std Dev: 0.0350 +/- 0.0004

Entries: 2032

Mean: 0.0185 +/- 0.0010

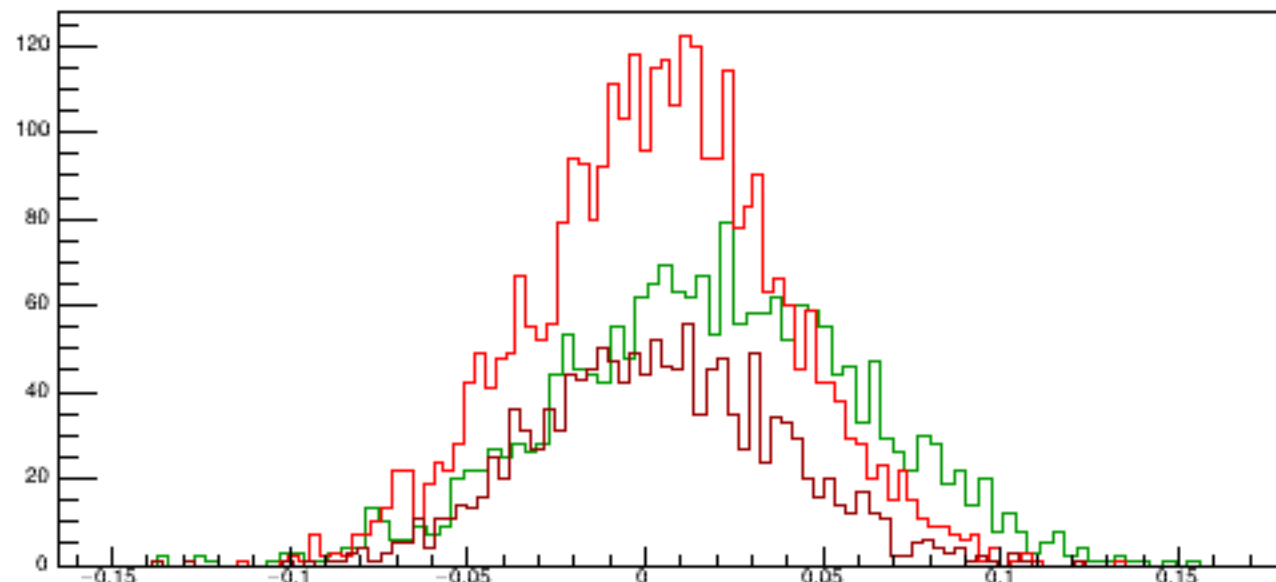
Std Dev: 0.0430 +/- 0.0007

Entries: 1392

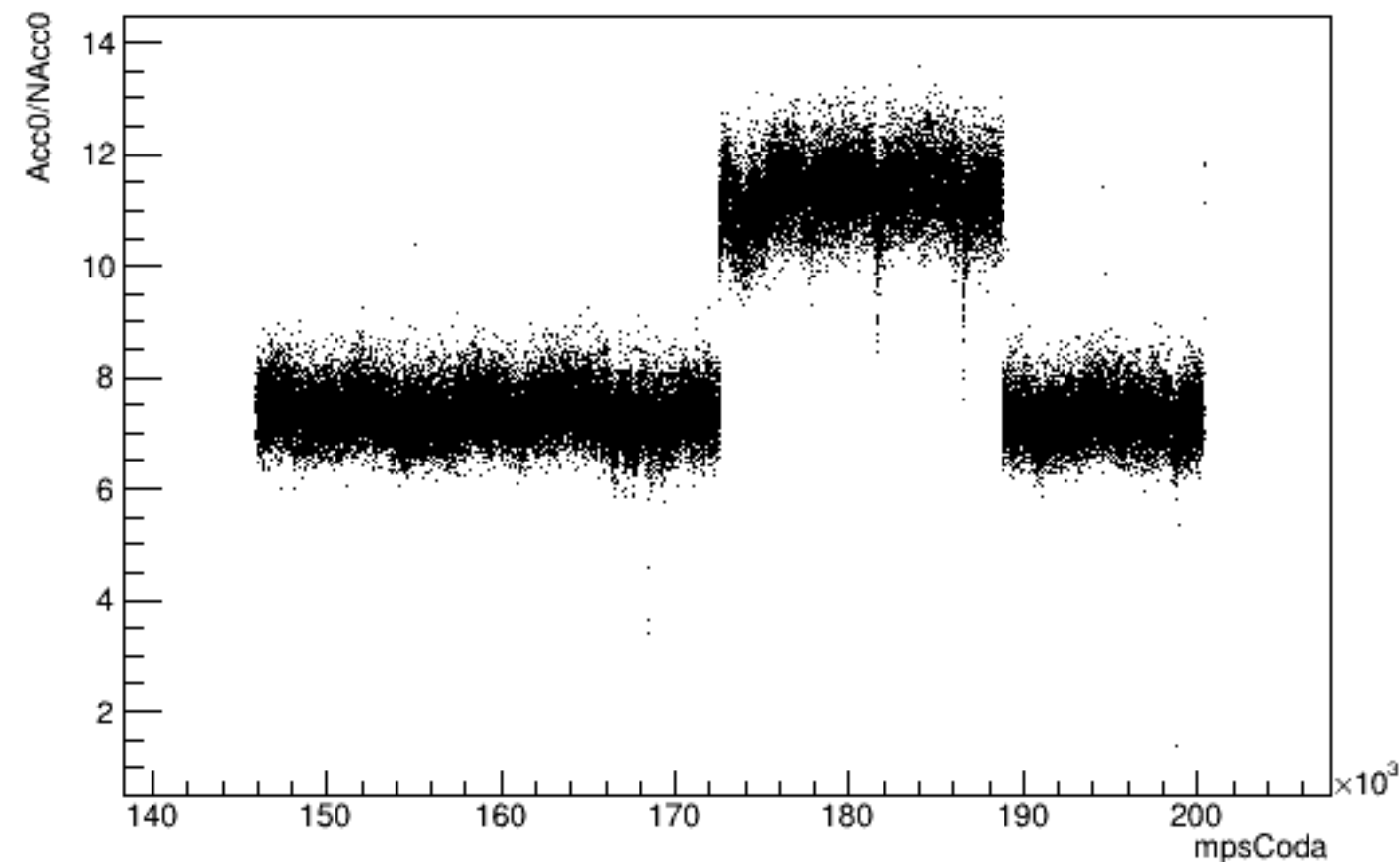
Mean: 0.0032 +/- 0.0009

Std Dev: 0.0345 +/- 0.0007

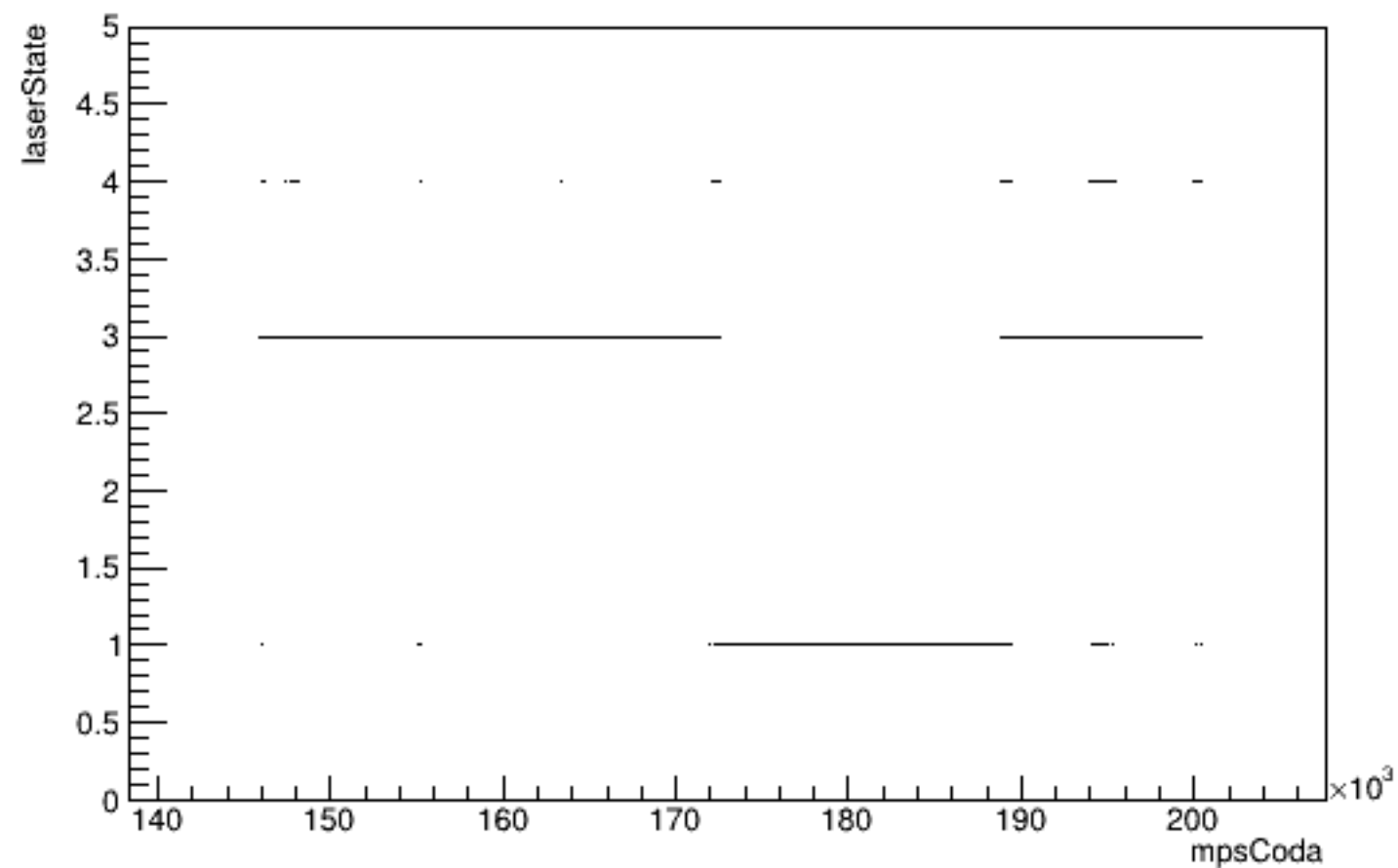
Run 4576 quartetwise, Asyms



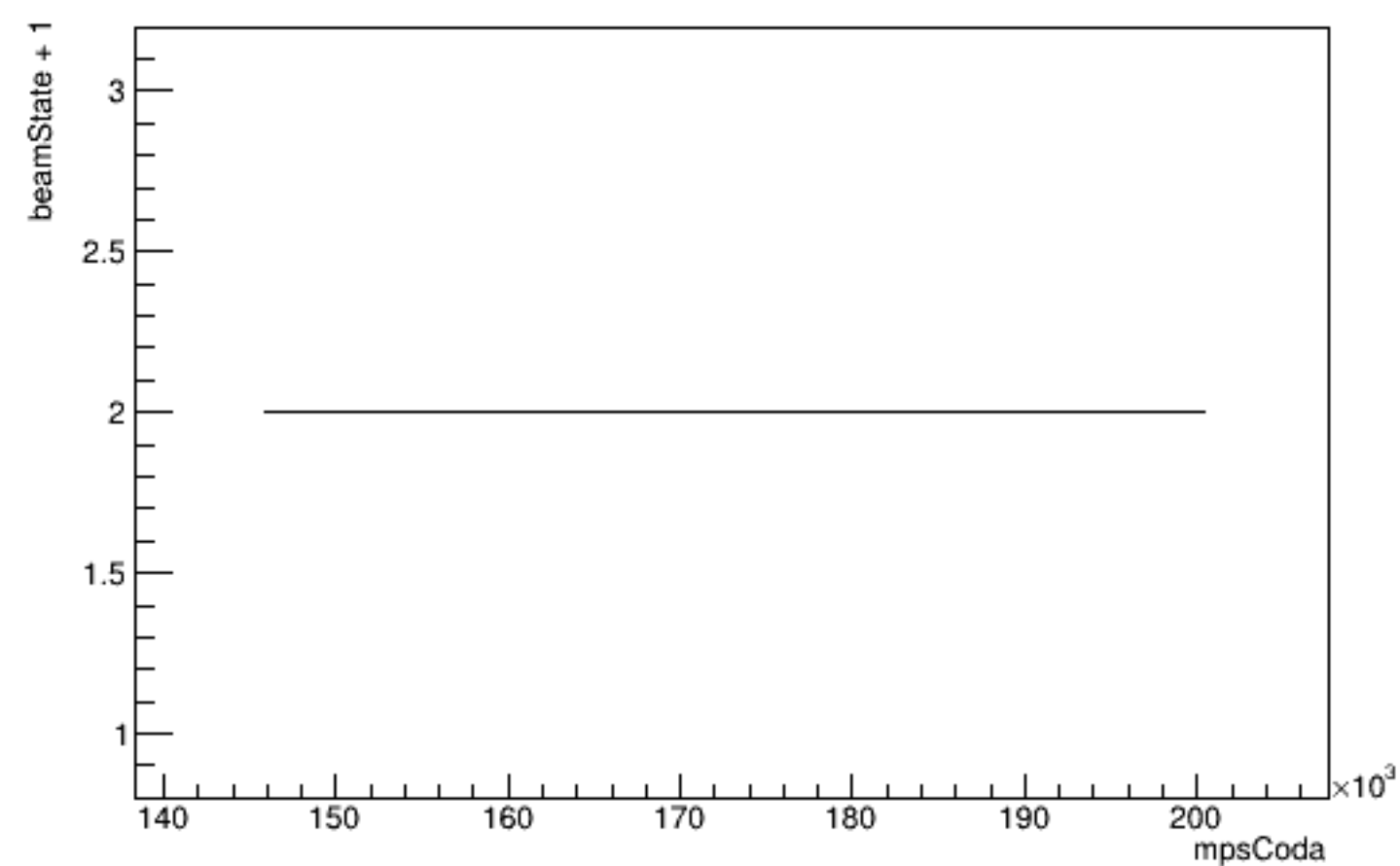
Acc0/NAcc0:mpsCoda {mpsCoda>=145937 && mpsCoda<=200352 && beamState==1}



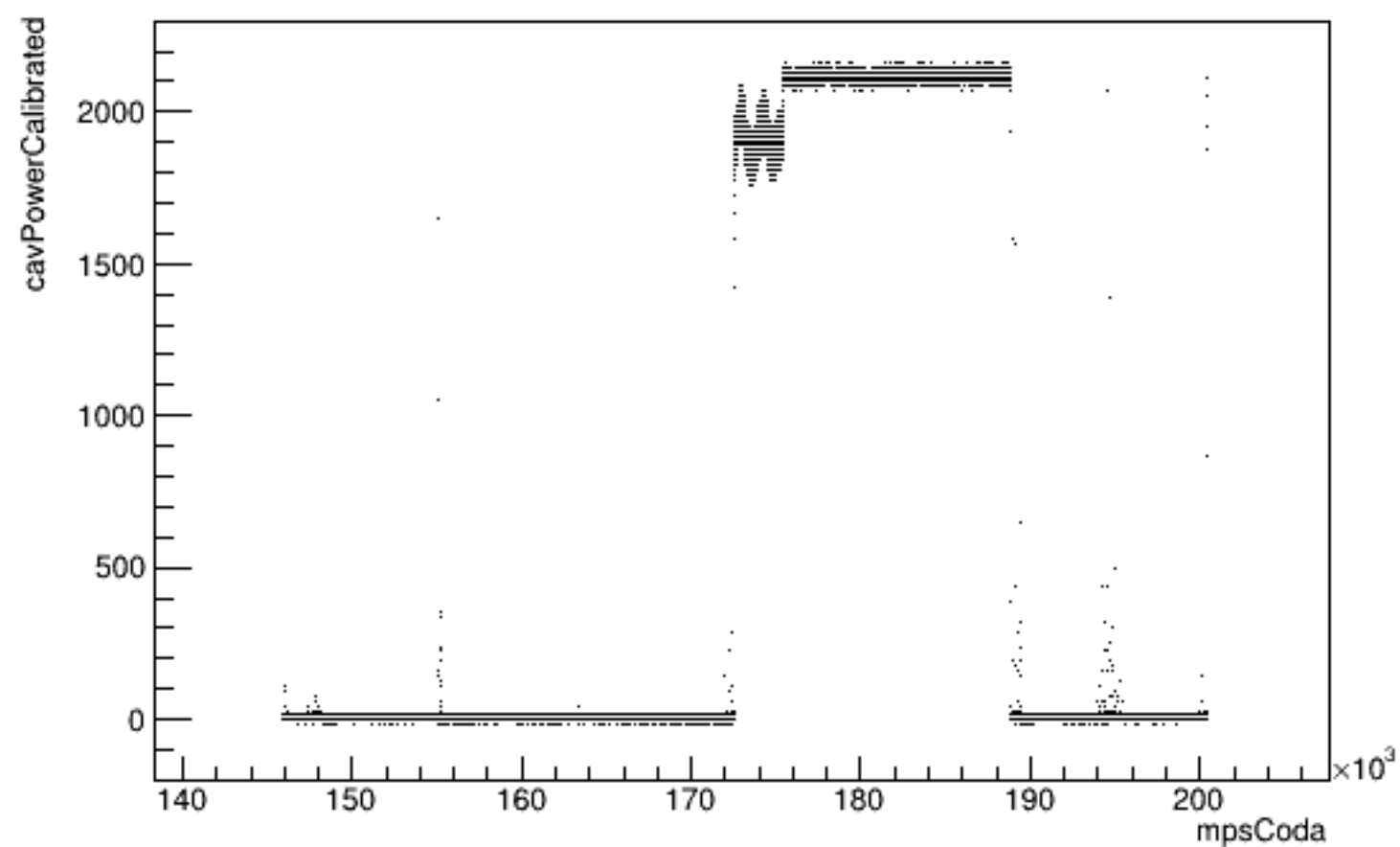
laserState:mpsCoda {mpsCoda>=145937 && mpsCoda<=200352}



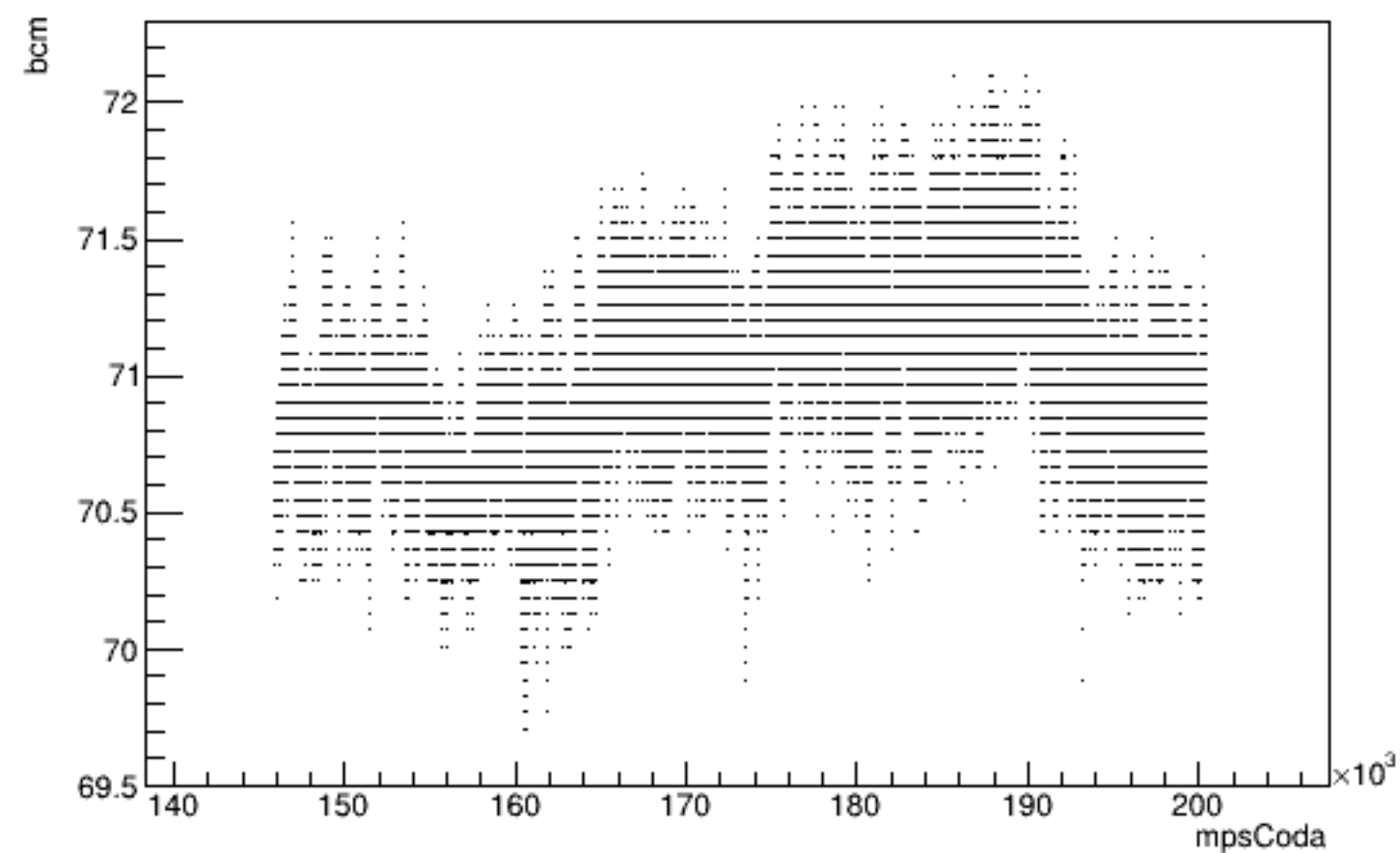
beamState + 1:mpsCoda {mpsCoda>=145937 && mpsCoda<=200352}



cavPowerCalibrated:mpsCoda {mpsCoda>=145937 && mpsCoda<=200352}



bcm:mpsCoda {mpsCoda>=145937 && mpsCoda<=200352}



Cycle 3, Diffs

Entries: 1392

Mean: 0.0252 +/- 0.0074

Std Dev: 0.2746 +/- 0.0052

Entries: 318

Mean: 0.1848 +/- 0.0200

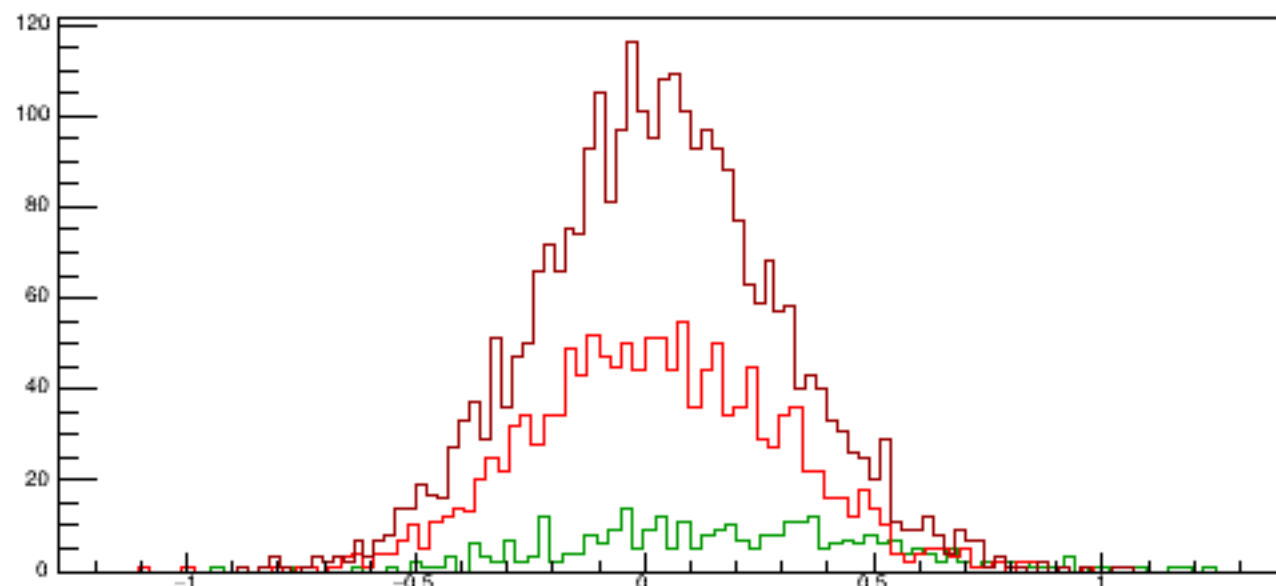
Std Dev: 0.3559 +/- 0.0141

Entries: 2919

Mean: 0.0293 +/- 0.0050

Std Dev: 0.2689 +/- 0.0035

Run 4576 quartetwise, Diffs



Cycle 3, Sums

Entries: 1392

Mean: 14.5462 +/- 0.0092

Std Dev: 0.3435 +/- 0.0065

Entries: 318

Mean: 22.9169 +/- 0.0213

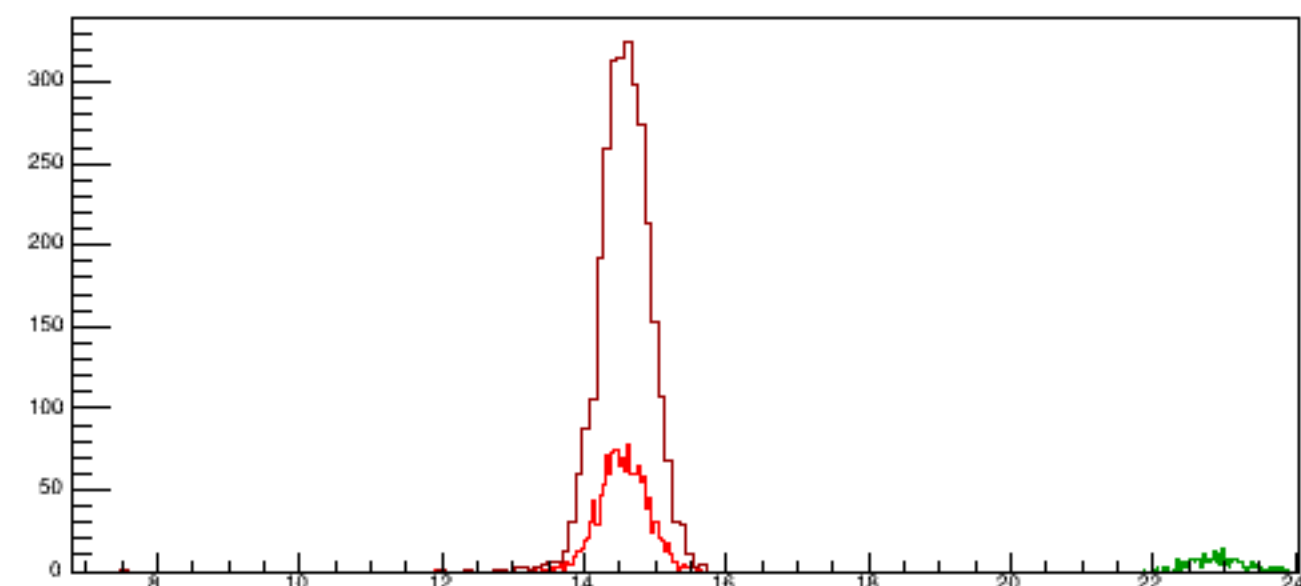
Std Dev: 0.3803 +/- 0.0151

Entries: 2919

Mean: 14.5724 +/- 0.0070

Std Dev: 0.3779 +/- 0.0049

Run 4576 quartetwise, Sums



Cycle 3, Asyms

Entries: 1392

Mean: 0.0030 +/- 0.0009

Std Dev: 0.0329 +/- 0.0006

Entries: 318

Mean: 0.0220 +/- 0.0024

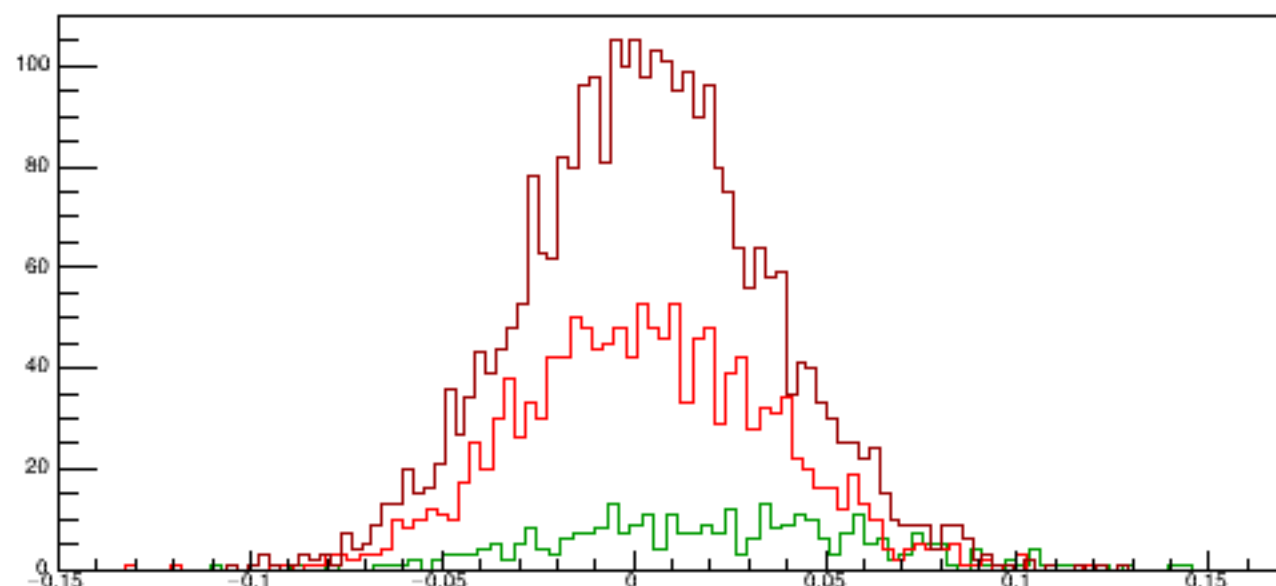
Std Dev: 0.0425 +/- 0.0017

Entries: 2919

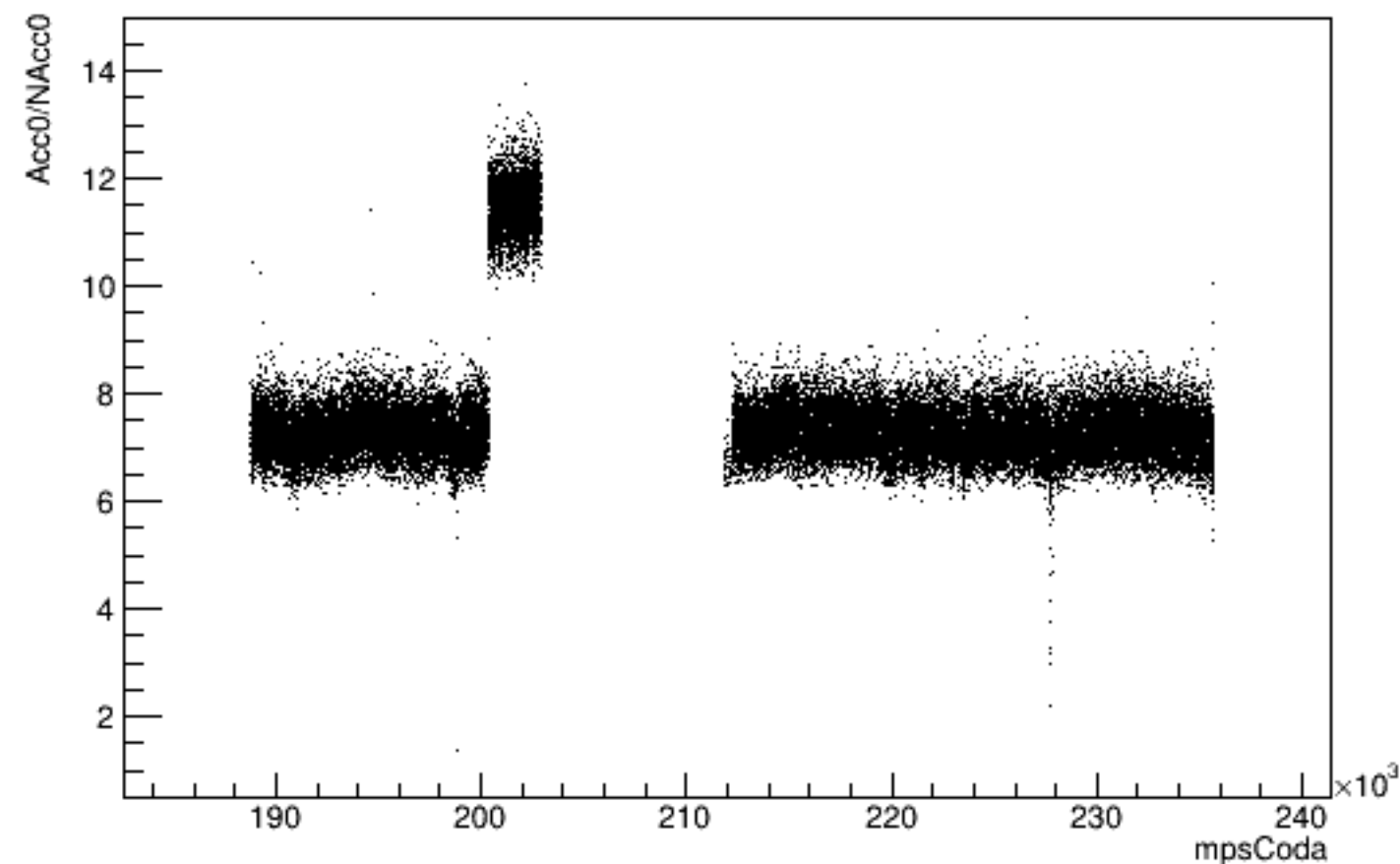
Mean: 0.0035 +/- 0.0006

Std Dev: 0.0322 +/- 0.0004

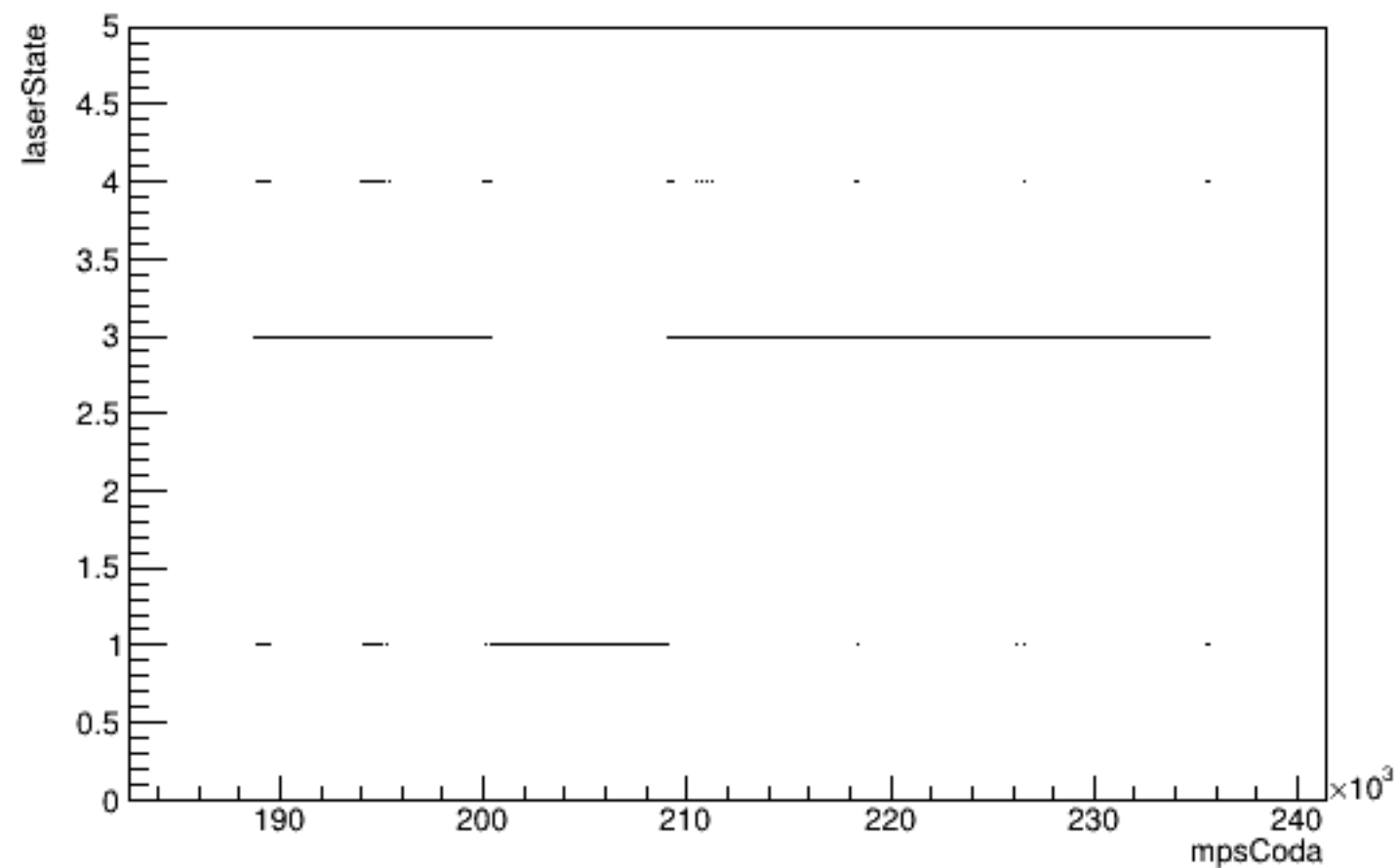
Run 4576 quartetwise, Asyms



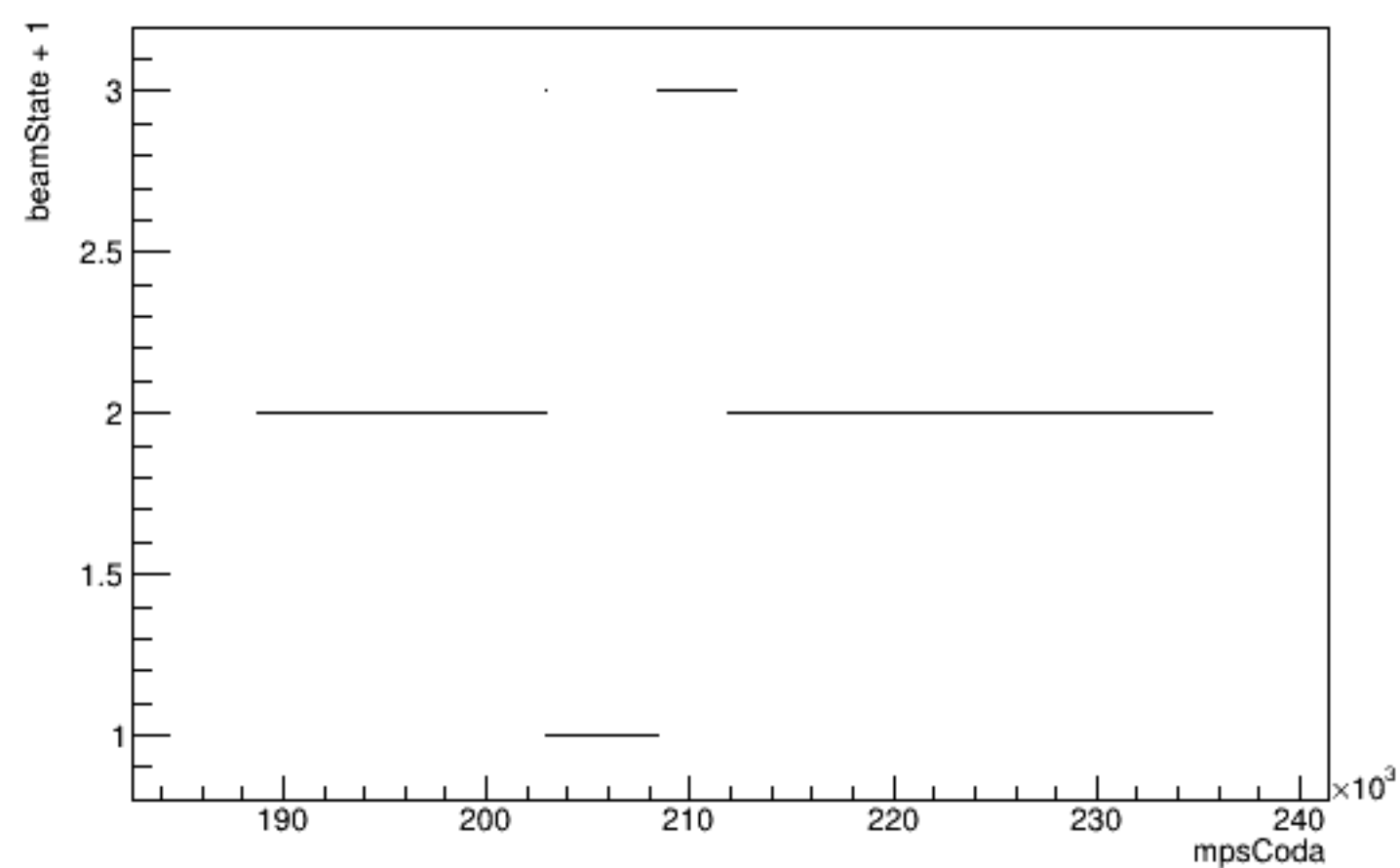
Acc0/NAcc0:mpsCoda {mpsCoda>=188785 && mpsCoda<=235704 && beamState==1}



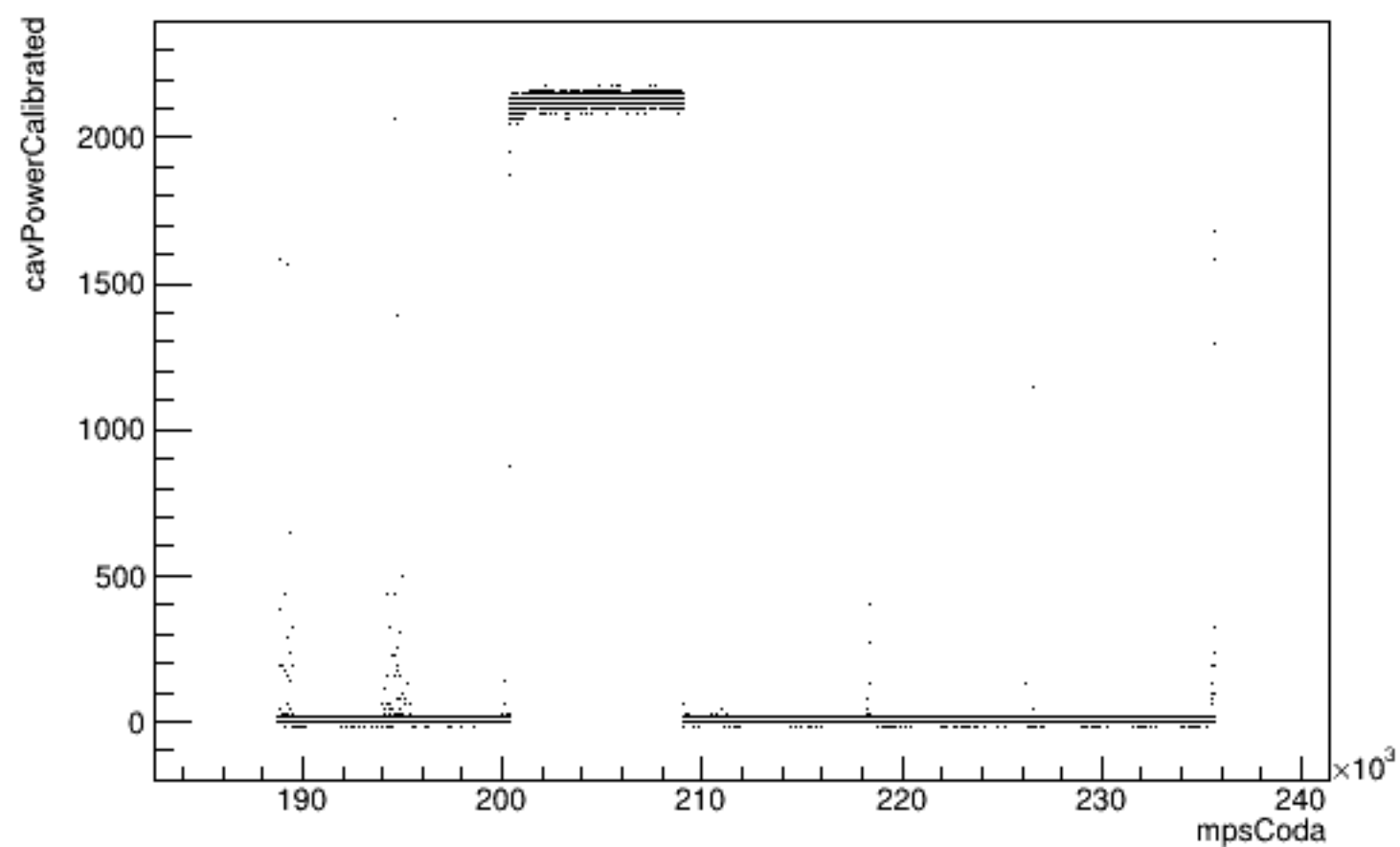
laserState:mpsCoda {mpsCoda>=188785 && mpsCoda<=235704}



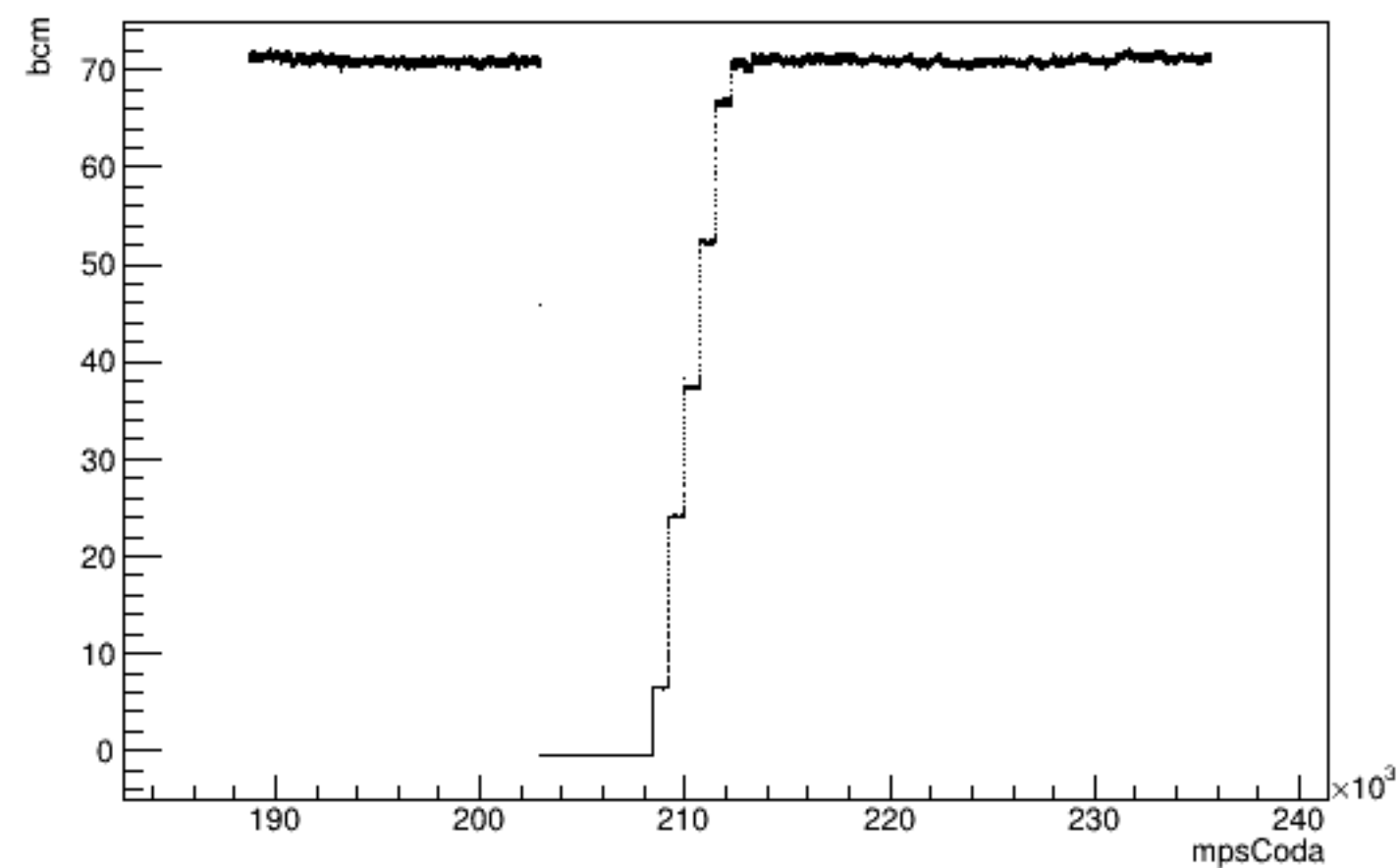
beamState + 1:mpsCoda {mpsCoda>=188785 && mpsCoda<=235704}



cavPowerCalibrated:mpsCoda {mpsCoda>=188785 && mpsCoda<=235704}



bcm:mpsCoda {mpsCoda>=188785 && mpsCoda<=235704}



Cycle 4, Diffs

Entries: 2919

Mean: 0.0293 +/- 0.0050

Std Dev: 0.2689 +/- 0.0035

Entries: 919

Mean: 0.1535 +/- 0.0111

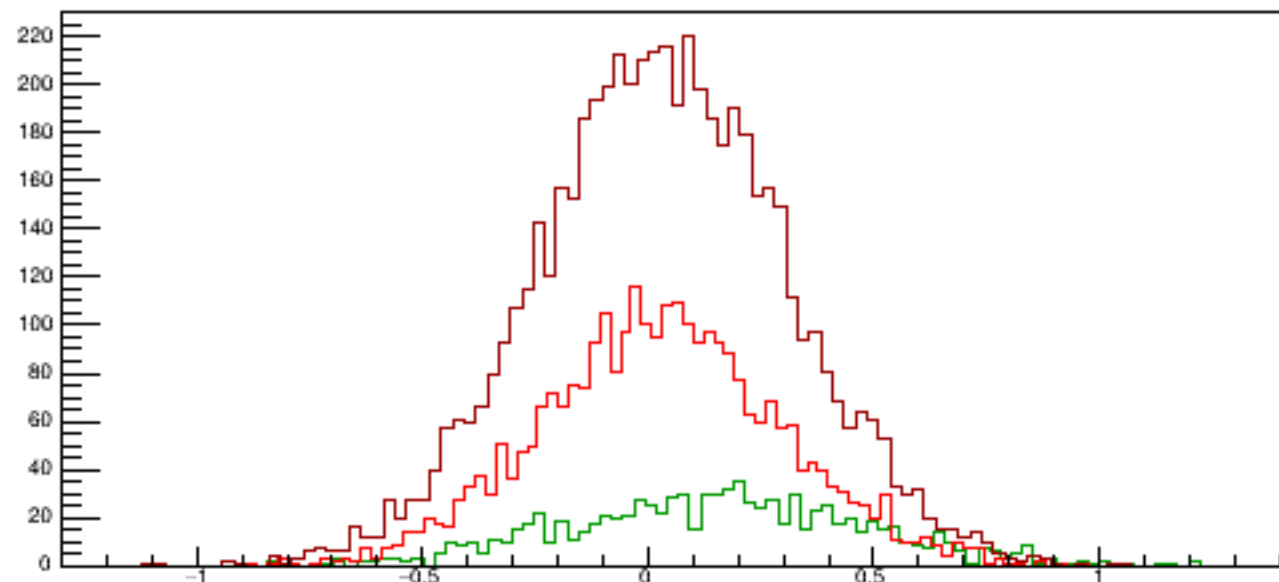
Std Dev: 0.3364 +/- 0.0078

Entries: 5755

Mean: 0.0312 +/- 0.0037

Std Dev: 0.2782 +/- 0.0026

Run 4576 quartetwise, Diffs



Cycle 4, Sums

Entries: 2919

Mean: 14.5724 +/- 0.0070

Std Dev: 0.3779 +/- 0.0049

Entries: 919

Mean: 21.8948 +/- 0.0231

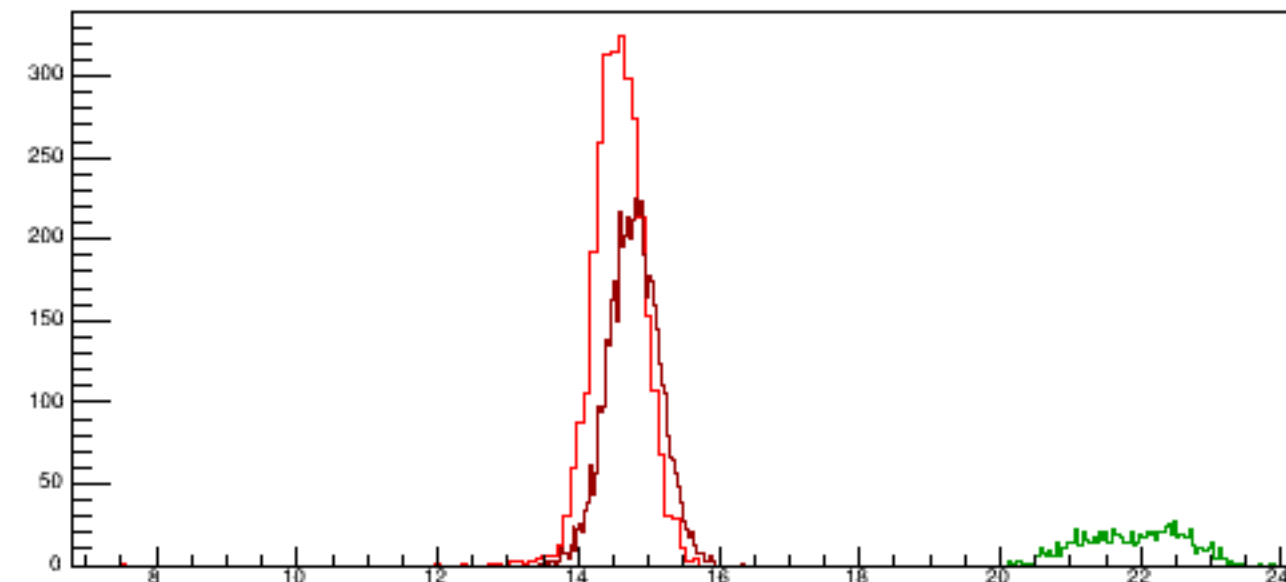
Std Dev: 0.7017 +/- 0.0164

Entries: 5755

Mean: 14.7876 +/- 0.0048

Std Dev: 0.3606 +/- 0.0034

Run 4576 quartetwise, Sums



Cycle 4, Asyms

Entries: 2919

Mean: 0.0041 +/- 0.0007

Std Dev: 0.0373 +/- 0.0005

Entries: 919

Mean: 0.0212 +/- 0.0016

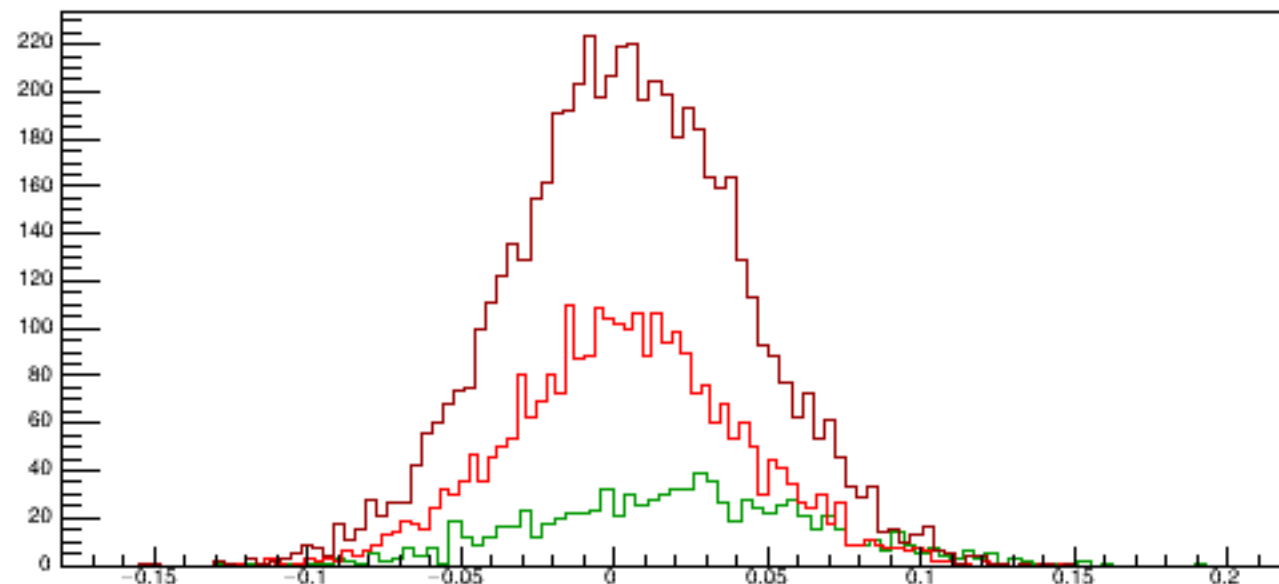
Std Dev: 0.0472 +/- 0.0011

Entries: 5755

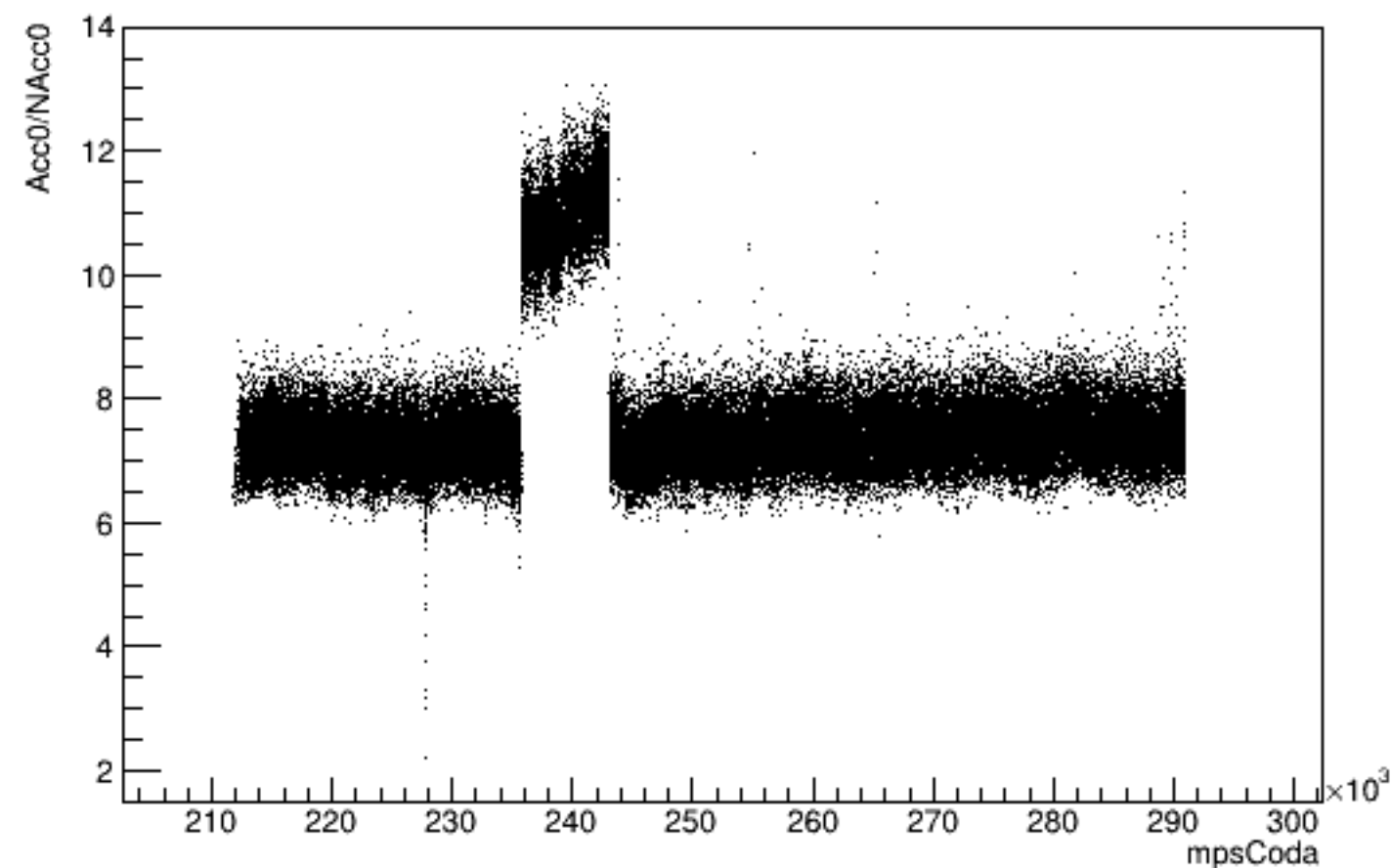
Mean: 0.0043 +/- 0.0005

Std Dev: 0.0386 +/- 0.0004

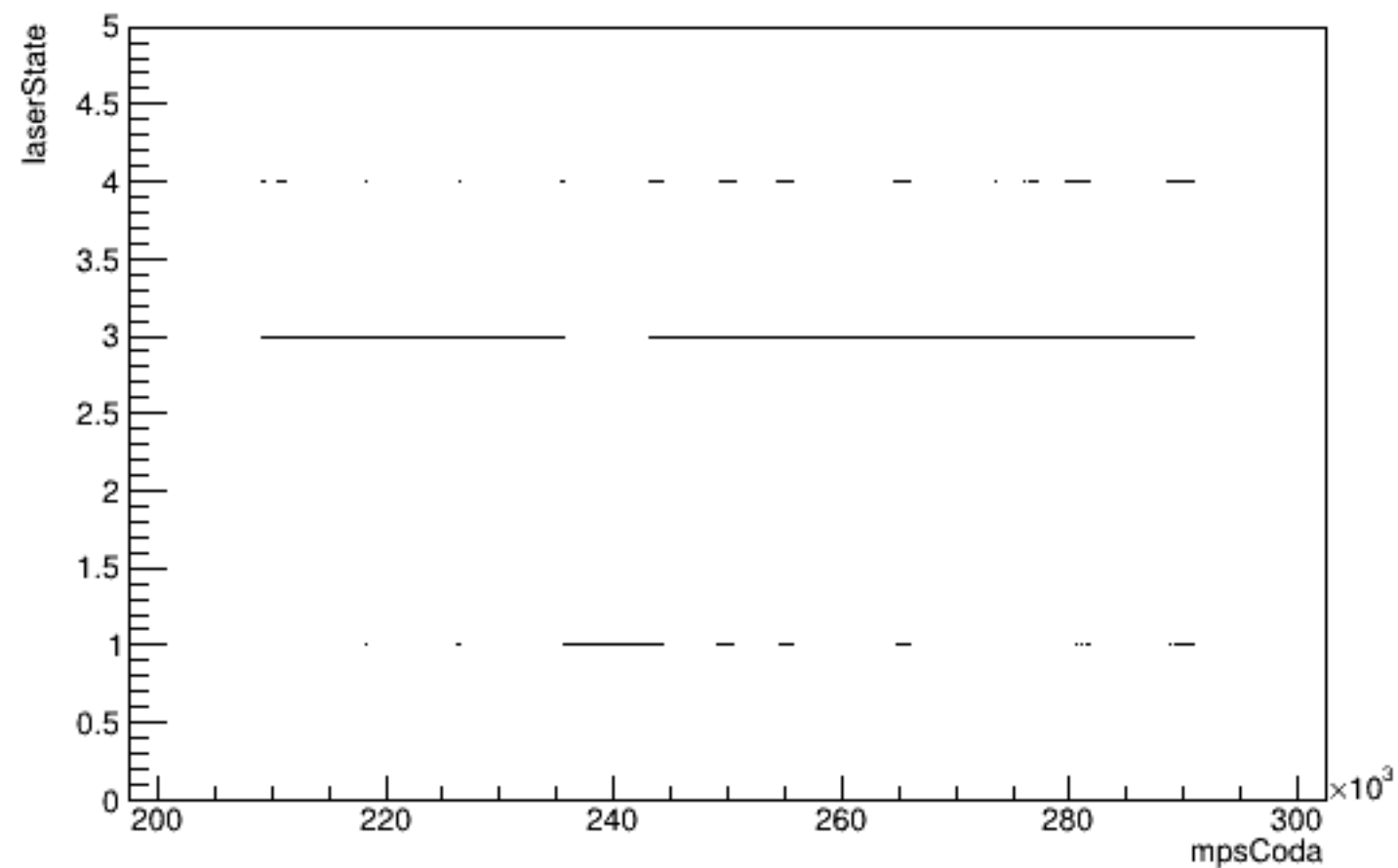
Run 4576 quartetwise, Asyms



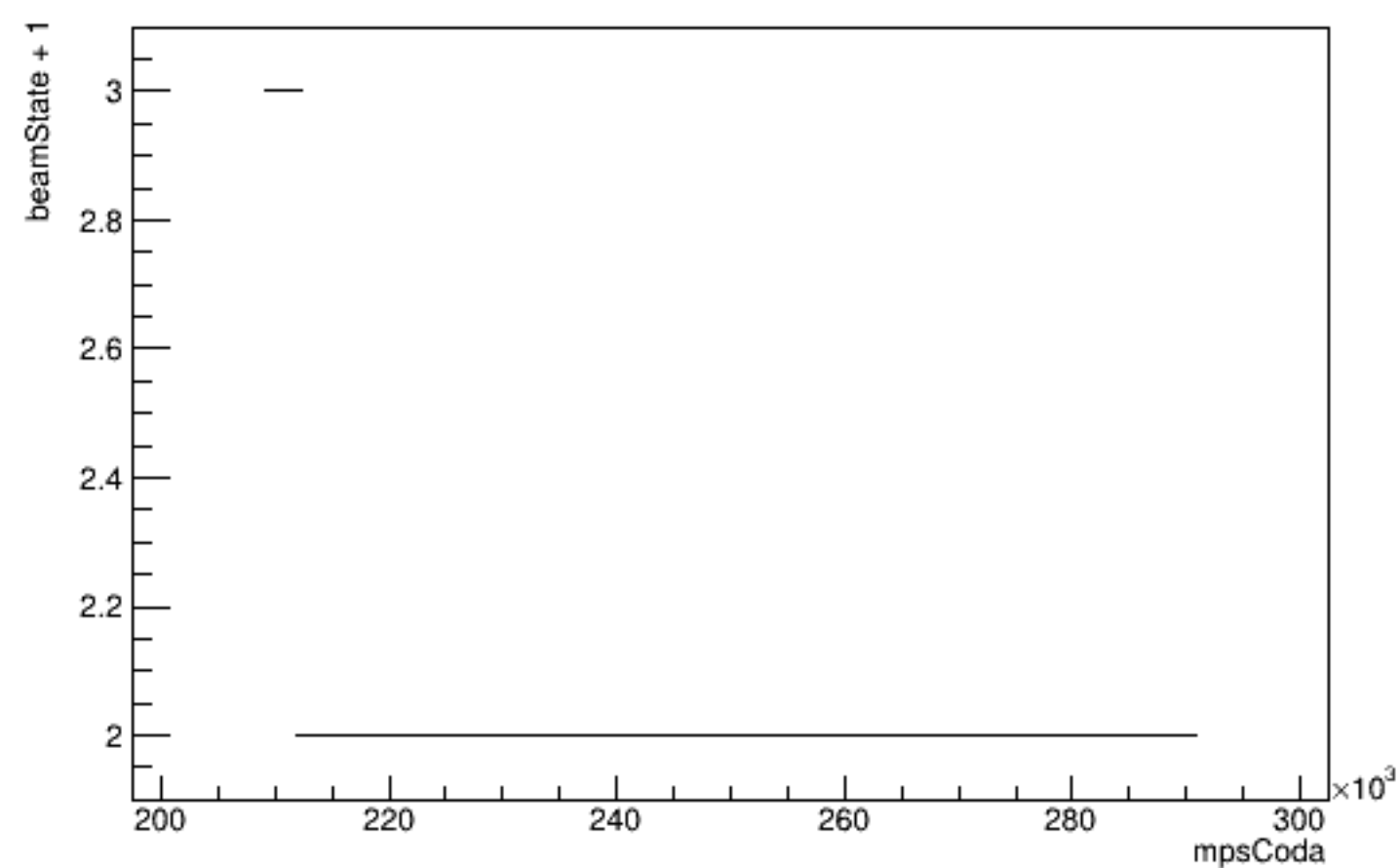
Acc0/NAcc0:mpsCoda {mpsCoda>=209057 && mpsCoda<=290944 && beamState==1}



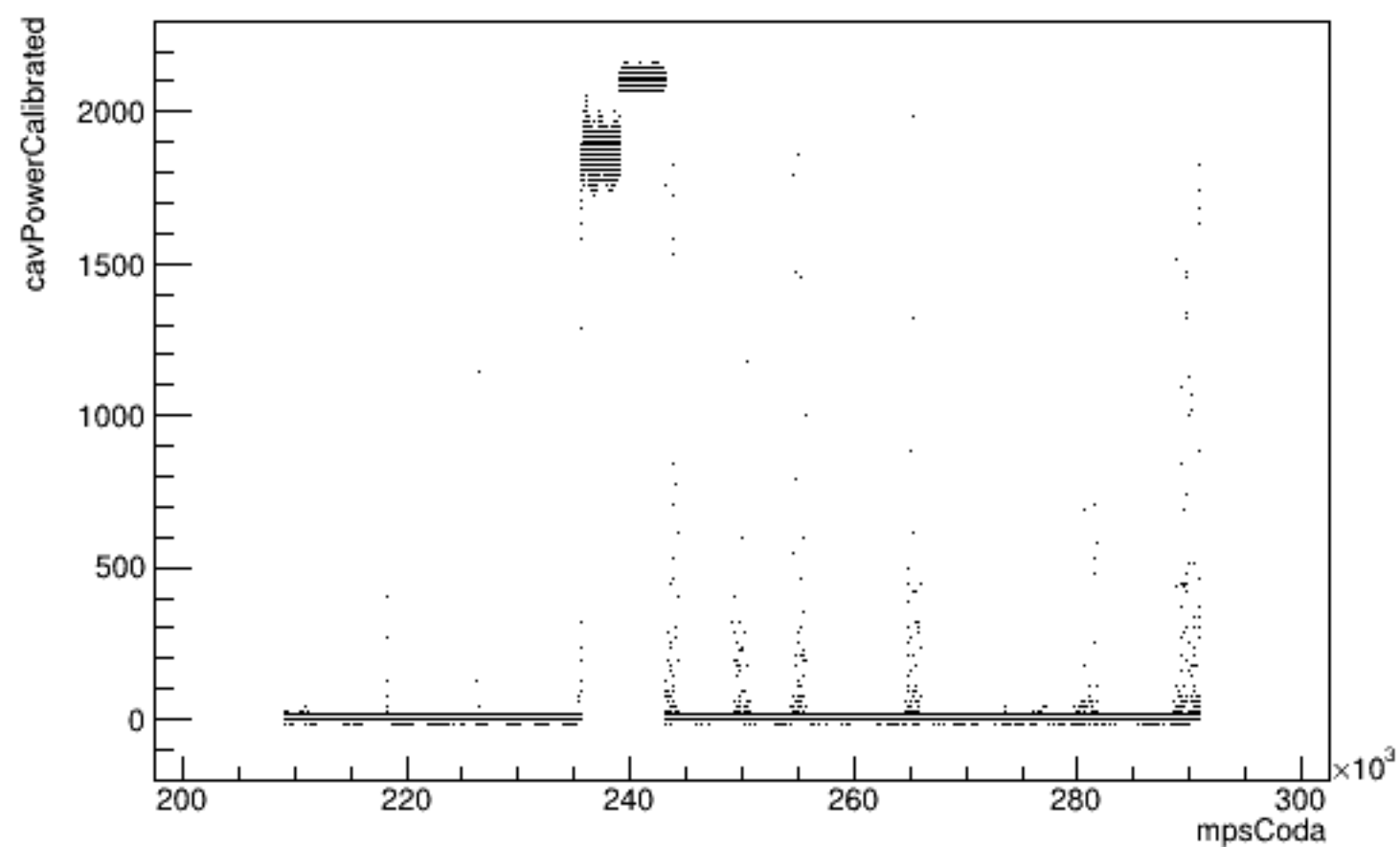
laserState:mpsCoda {mpsCoda>=209057 && mpsCoda<=290944}



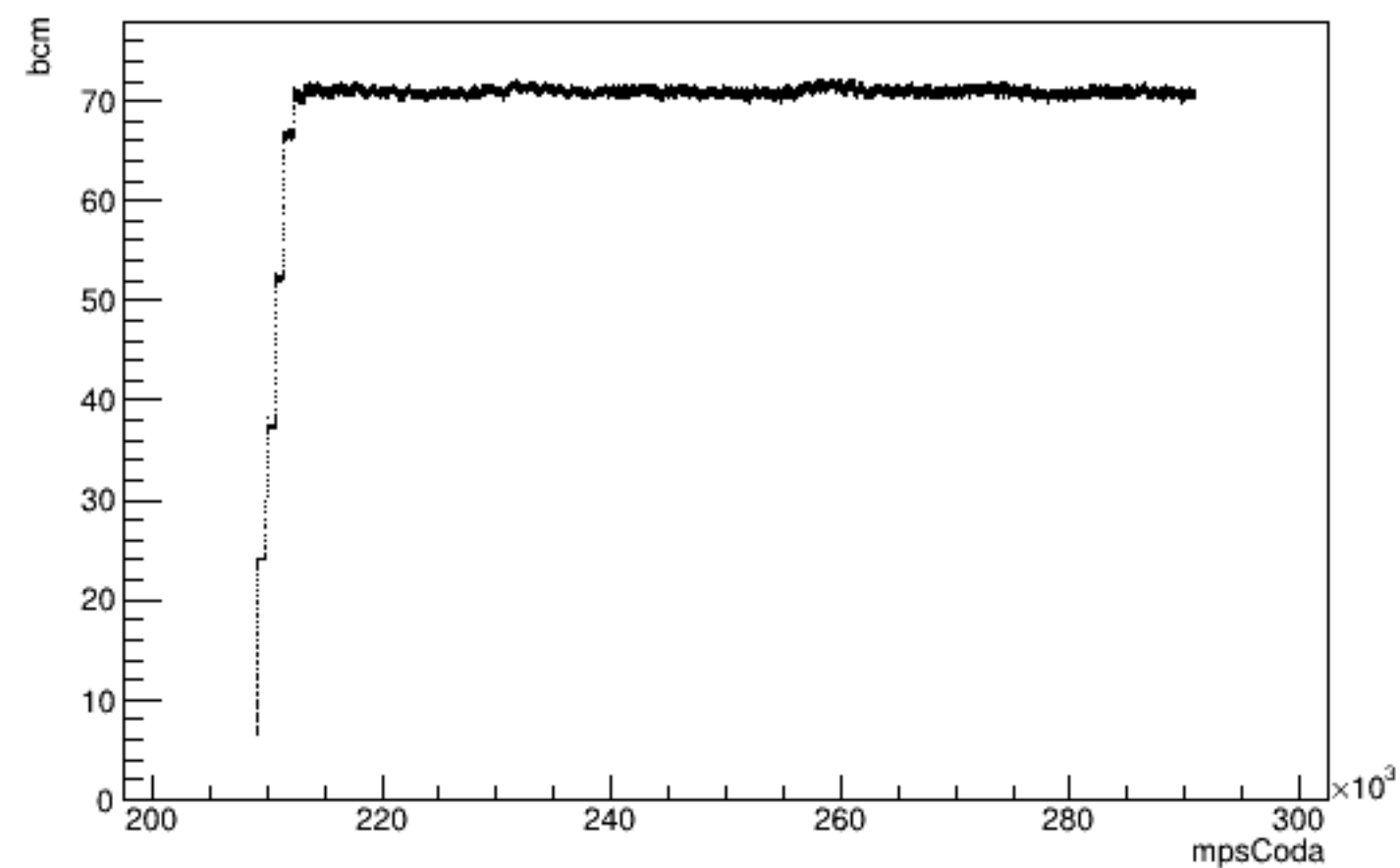
beamState + 1:mpsCoda {mpsCoda>=209057 && mpsCoda<=290944}



cavPowerCalibrated:mpsCoda {mpsCoda>=209057 && mpsCoda<=290944}



bcm:mpsCoda {mpsCoda>=209057 && mpsCoda<=290944}



Cycle 5, Diffs

Entries: 5755

Mean: 0.0312 +/- 0.0037

Std Dev: 0.2782 +/- 0.0026

Entries: 3985

Mean: 0.1473 +/- 0.0053

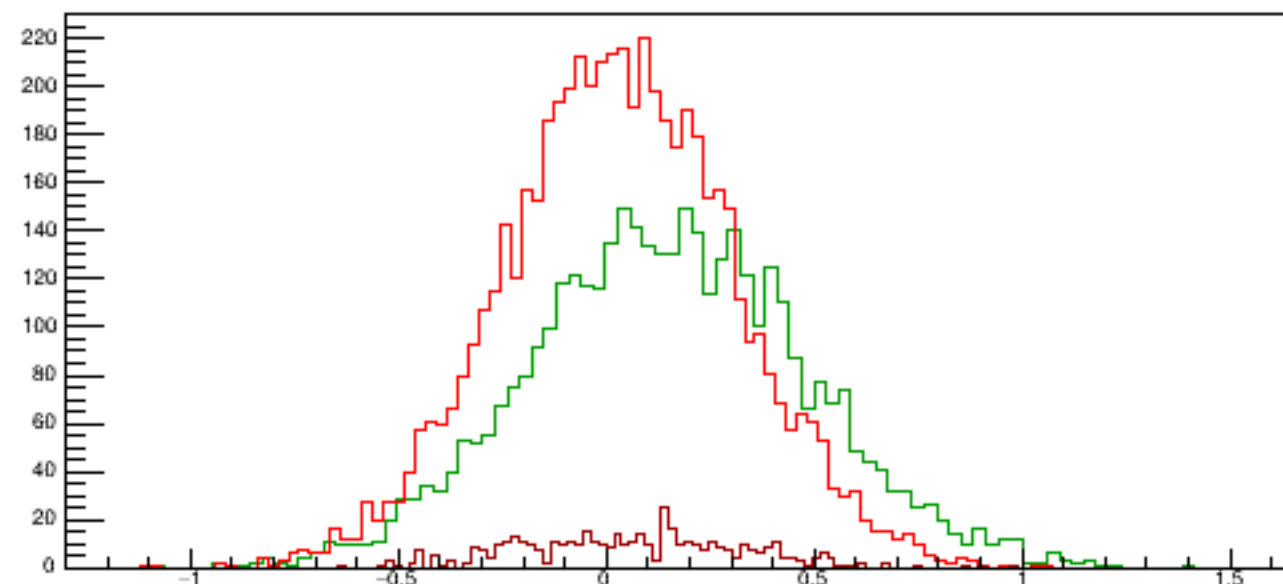
Std Dev: 0.3340 +/- 0.0037

Entries: 440

Mean: 0.0603 +/- 0.0127

Std Dev: 0.2671 +/- 0.0090

Run 4576 quartetwise, Diffs



Cycle 5, Sums

Entries: 5755

Mean: 14.7876 +/- 0.0048

Std Dev: 0.3606 +/- 0.0034

Entries: 3985

Mean: 22.6767 +/- 0.0066

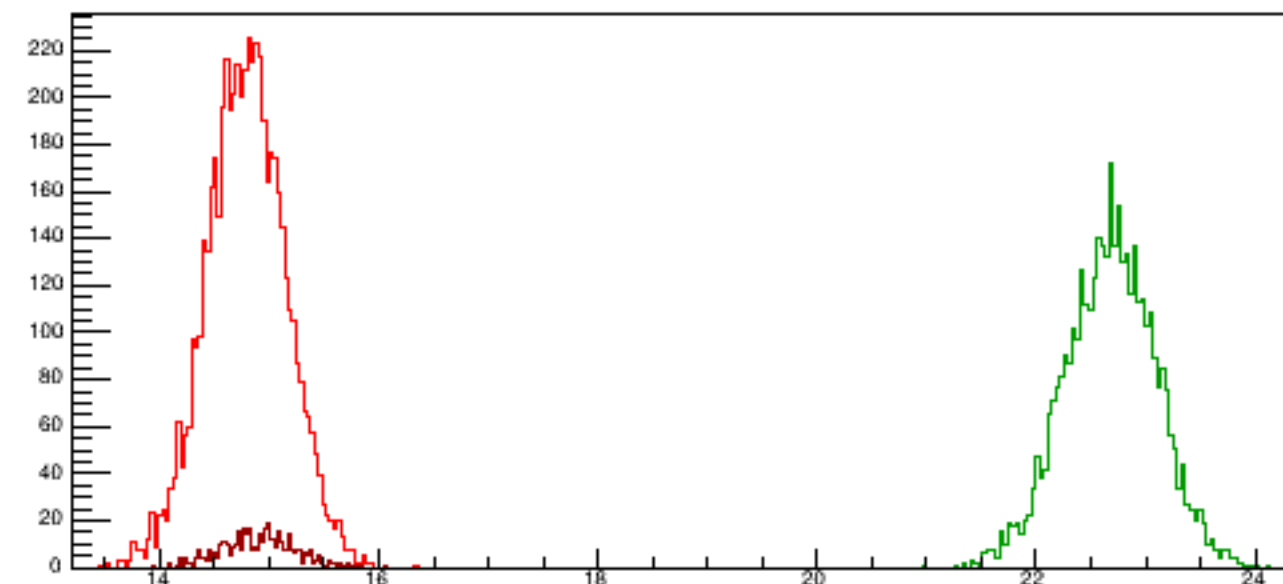
Std Dev: 0.4154 +/- 0.0047

Entries: 440

Mean: 14.9078 +/- 0.0163

Std Dev: 0.3421 +/- 0.0115

Run 4576 quartetwise, Sums



Cycle 5, Asyms

Entries: 5755

Mean: 0.0040 +/- 0.0005

Std Dev: 0.0355 +/- 0.0003

Entries: 3985

Mean: 0.0188 +/- 0.0007

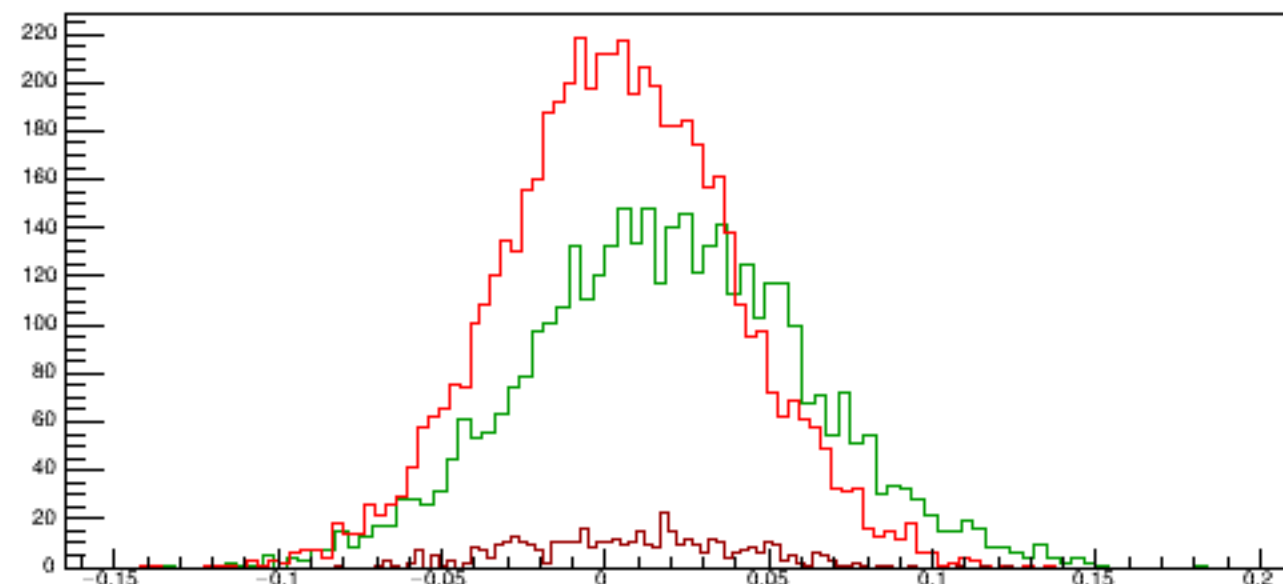
Std Dev: 0.0426 +/- 0.0005

Entries: 440

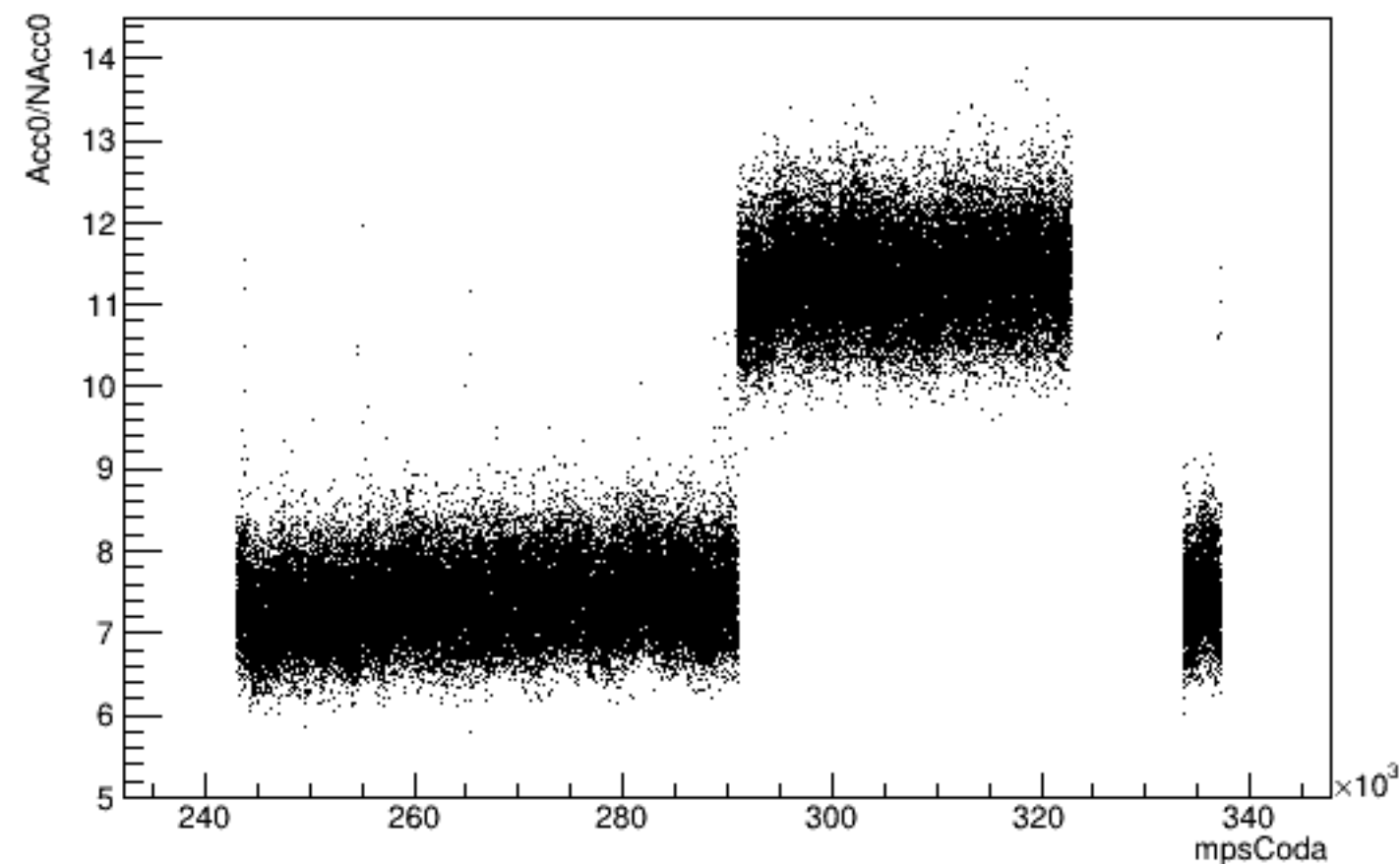
Mean: 0.0077 +/- 0.0016

Std Dev: 0.0341 +/- 0.0011

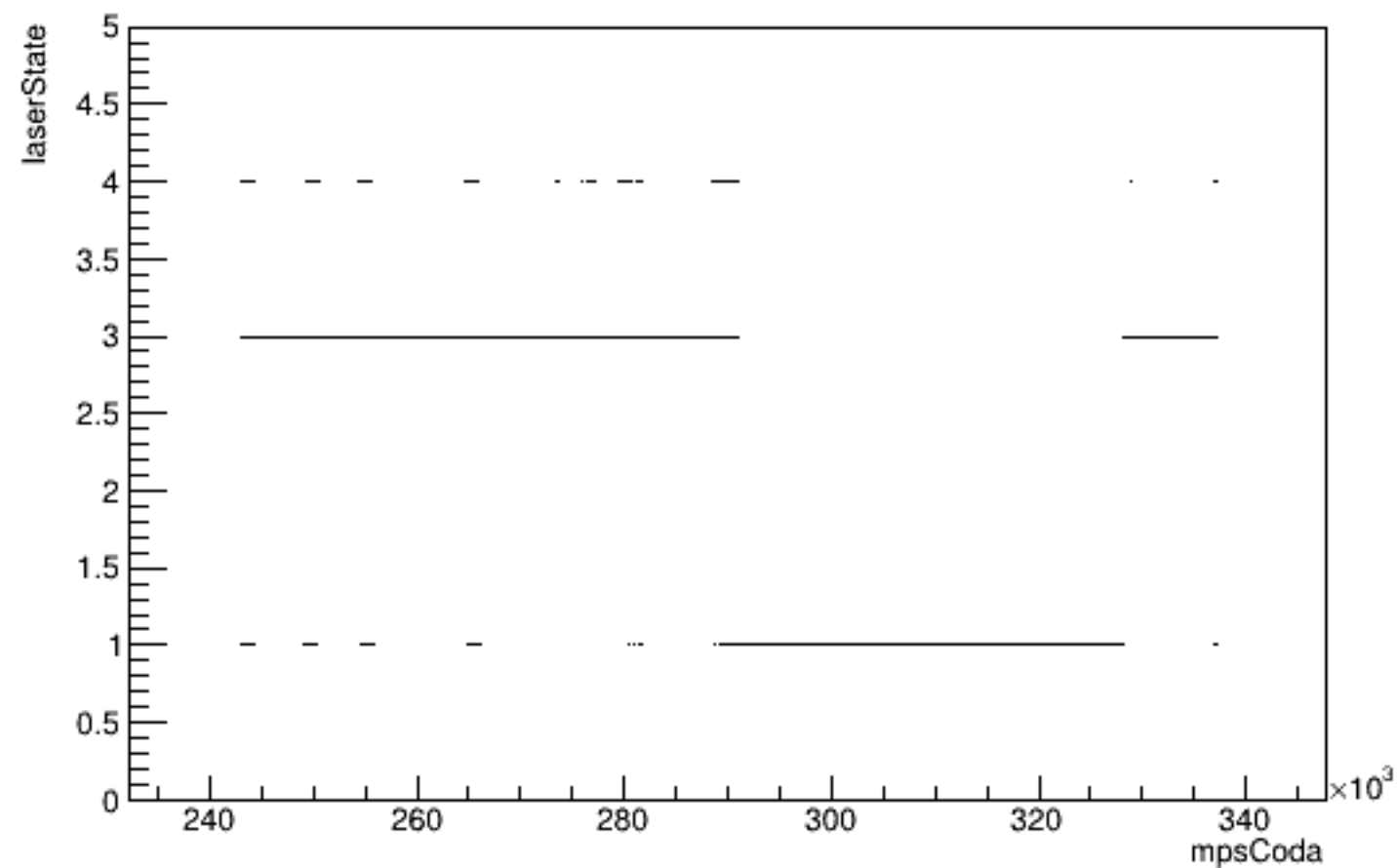
Run 4576 quartetwise, Asyms



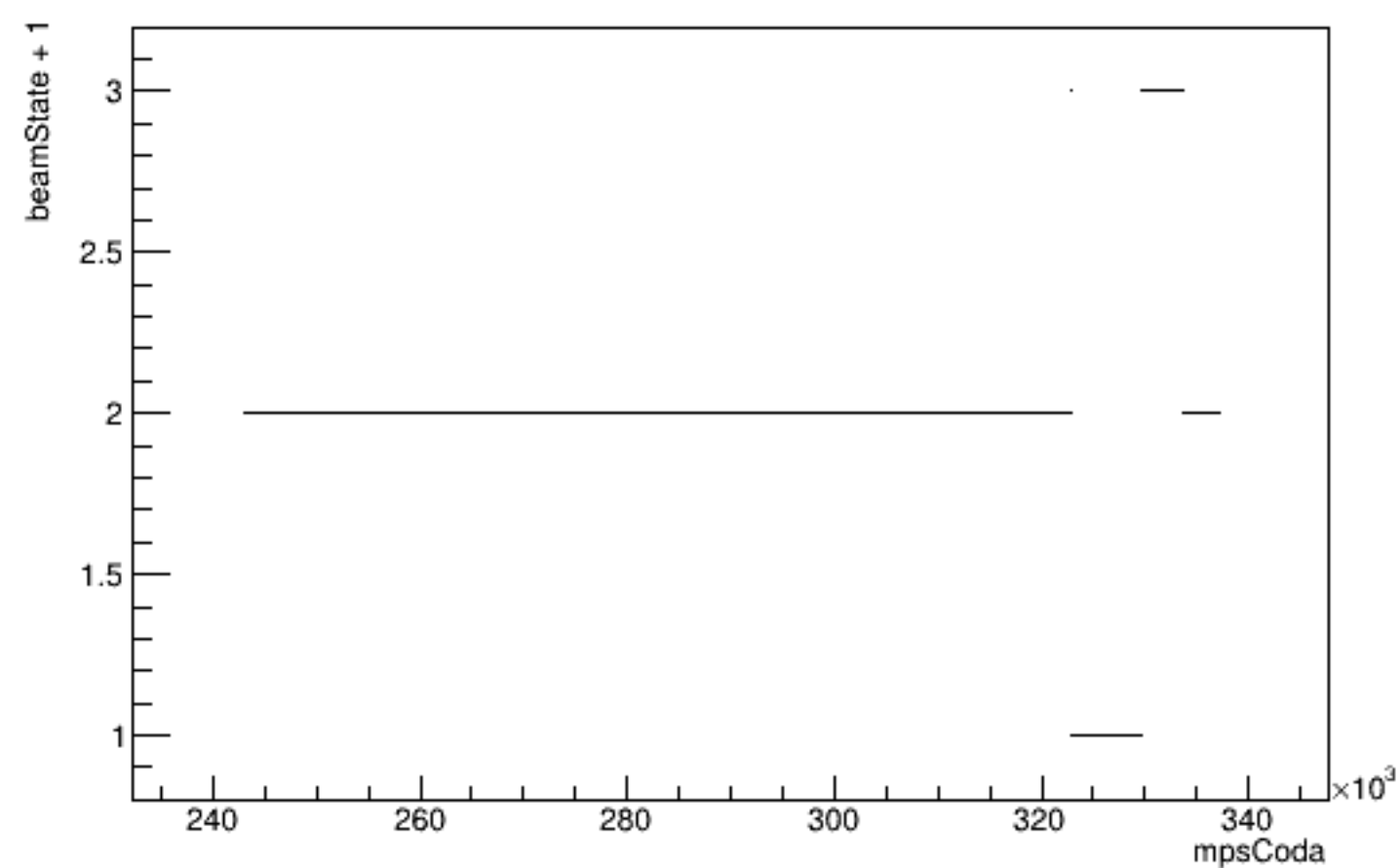
Acc0/NAcc0:mpsCoda {mpsCoda>=243065 && mpsCoda<=337192 && beamState==1}



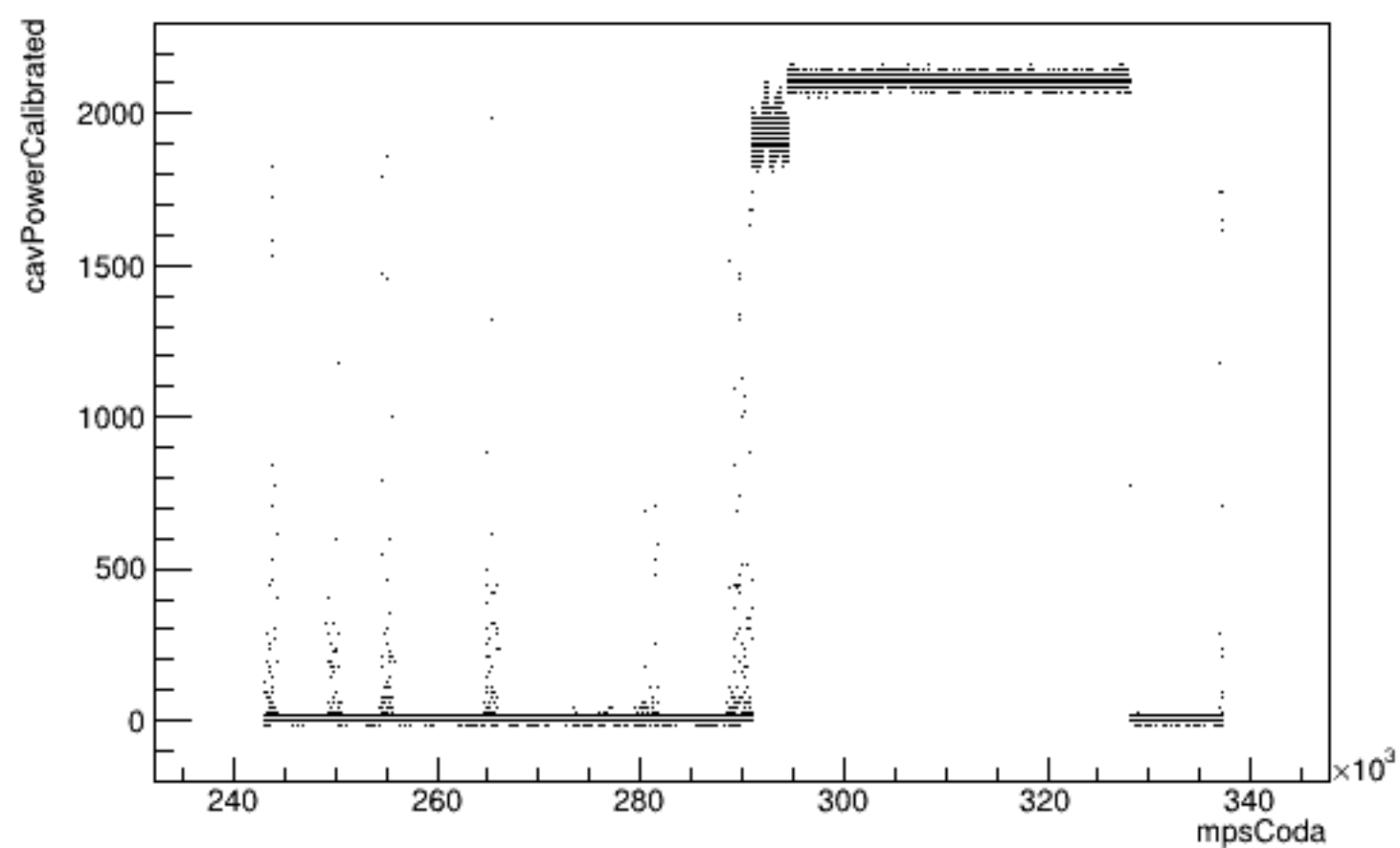
laserState:mpsCoda {mpsCoda>=243065 && mpsCoda<=337192}



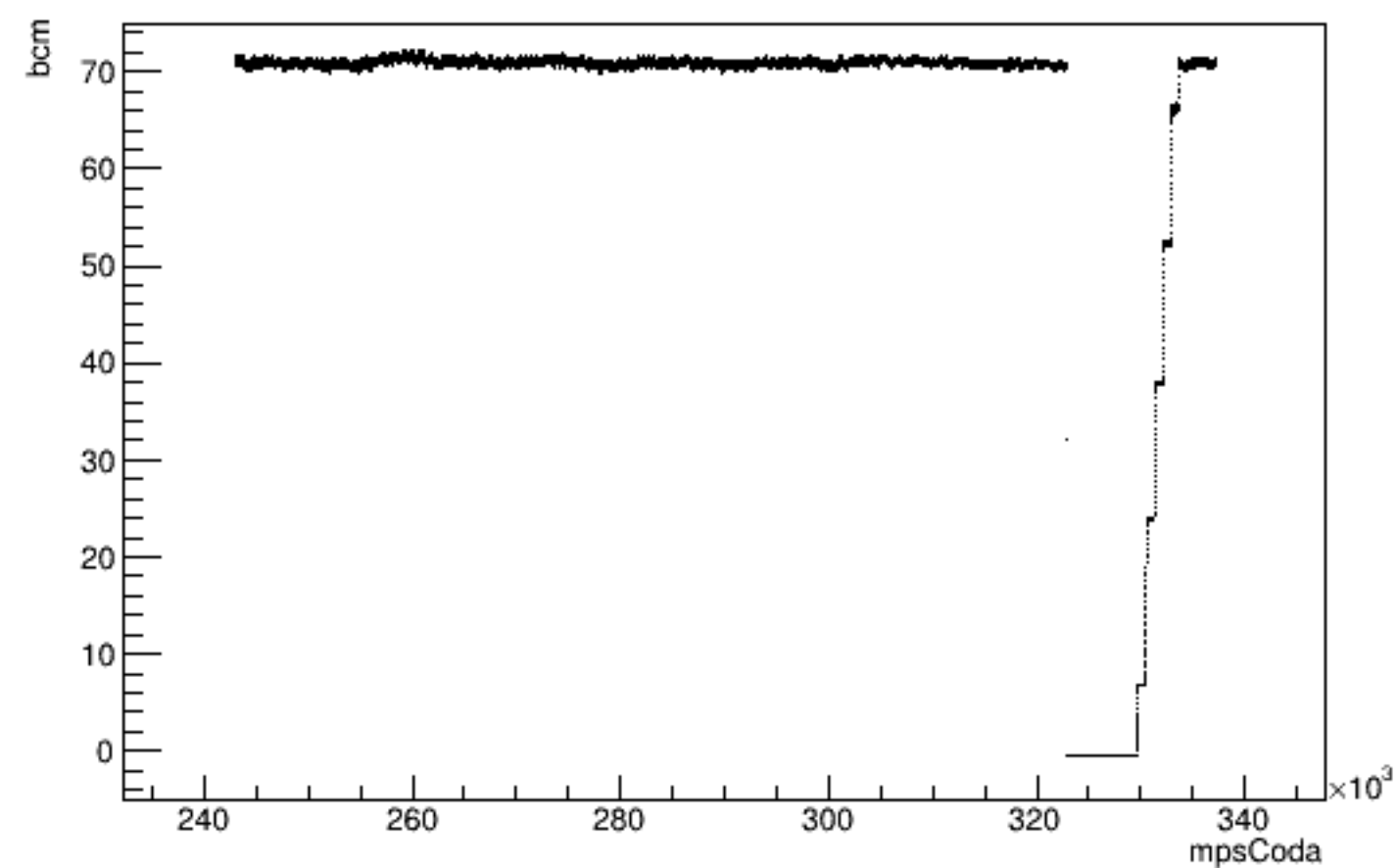
beamState + 1:mpsCoda {mpsCoda>=243065 && mpsCoda<=337192}



cavPowerCalibrated:mpsCoda {mpsCoda>=243065 && mpsCoda<=337192}

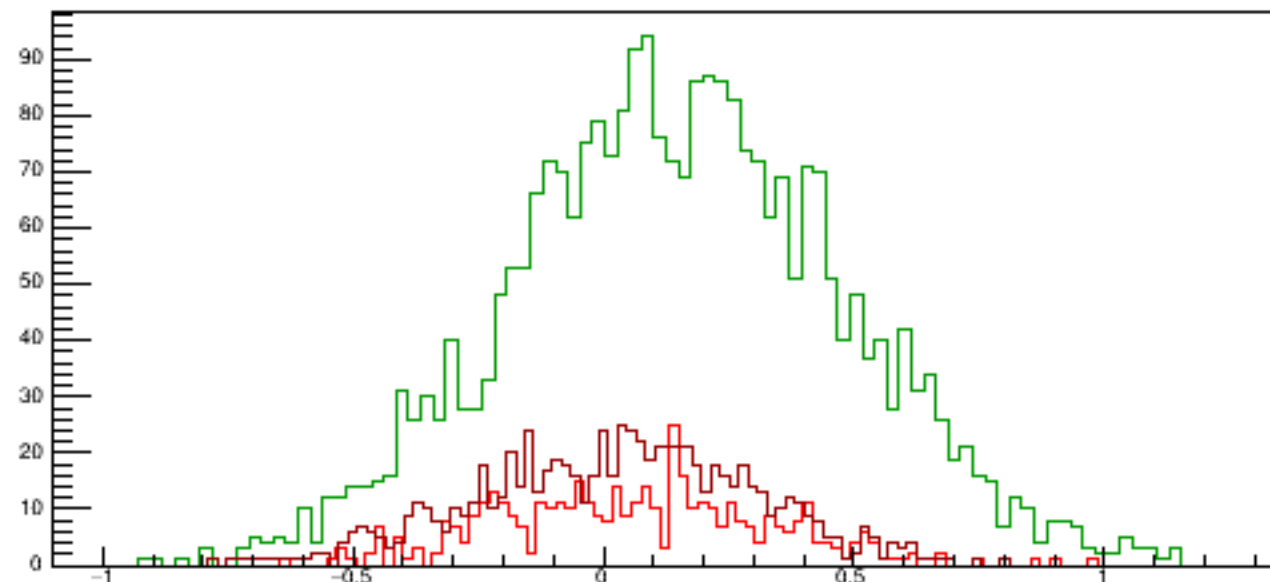


bcm:mpsCoda {mpsCoda>=243065 && mpsCoda<=337192}



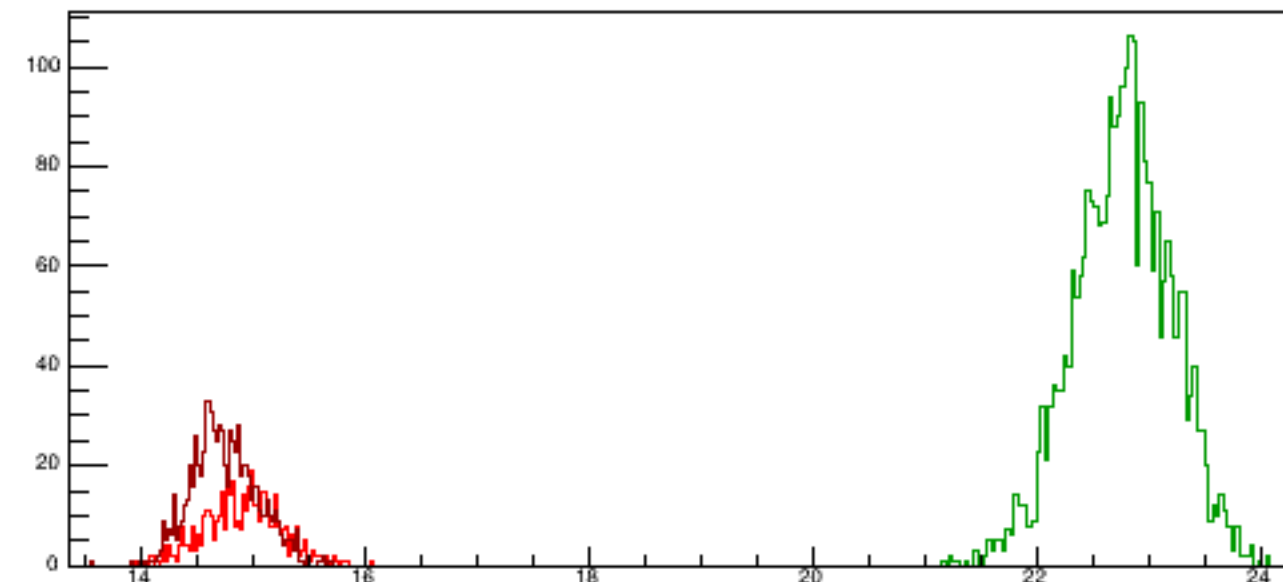
Cycle 6, Diffs

Entries: 440	Entries: 2838	Entries: 771
Mean: 0.0603 +/- 0.0127	Mean: 0.1492 +/- 0.0062	Mean: 0.0239 +/- 0.0098
Std Dev: 0.2671 +/- 0.0090	Std Dev: 0.3325 +/- 0.0044	Std Dev: 0.2733 +/- 0.0070
Run 4576 quartetwise, Diffs		



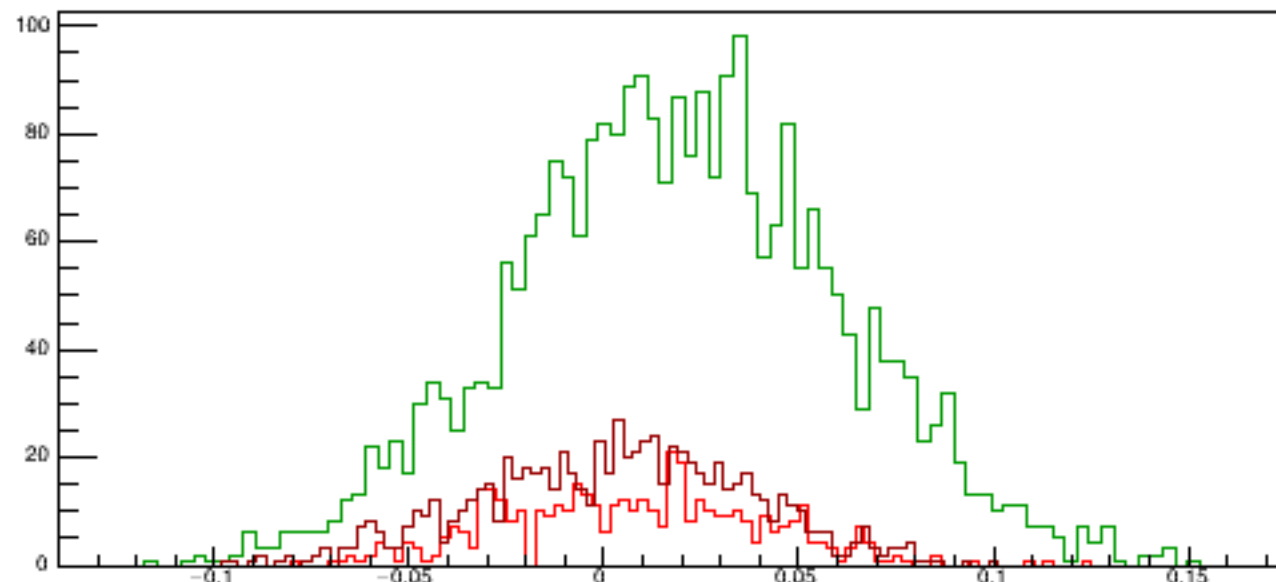
Cycle 6, Sums

Entries: 440	Entries: 2838	Entries: 771
Mean: 14.9078 +/- 0.0163	Mean: 22.7498 +/- 0.0082	Mean: 14.7402 +/- 0.0107
Std Dev: 0.3421 +/- 0.0115	Std Dev: 0.4350 +/- 0.0058	Std Dev: 0.2964 +/- 0.0075
Run 4576 quartetwise, Sums		

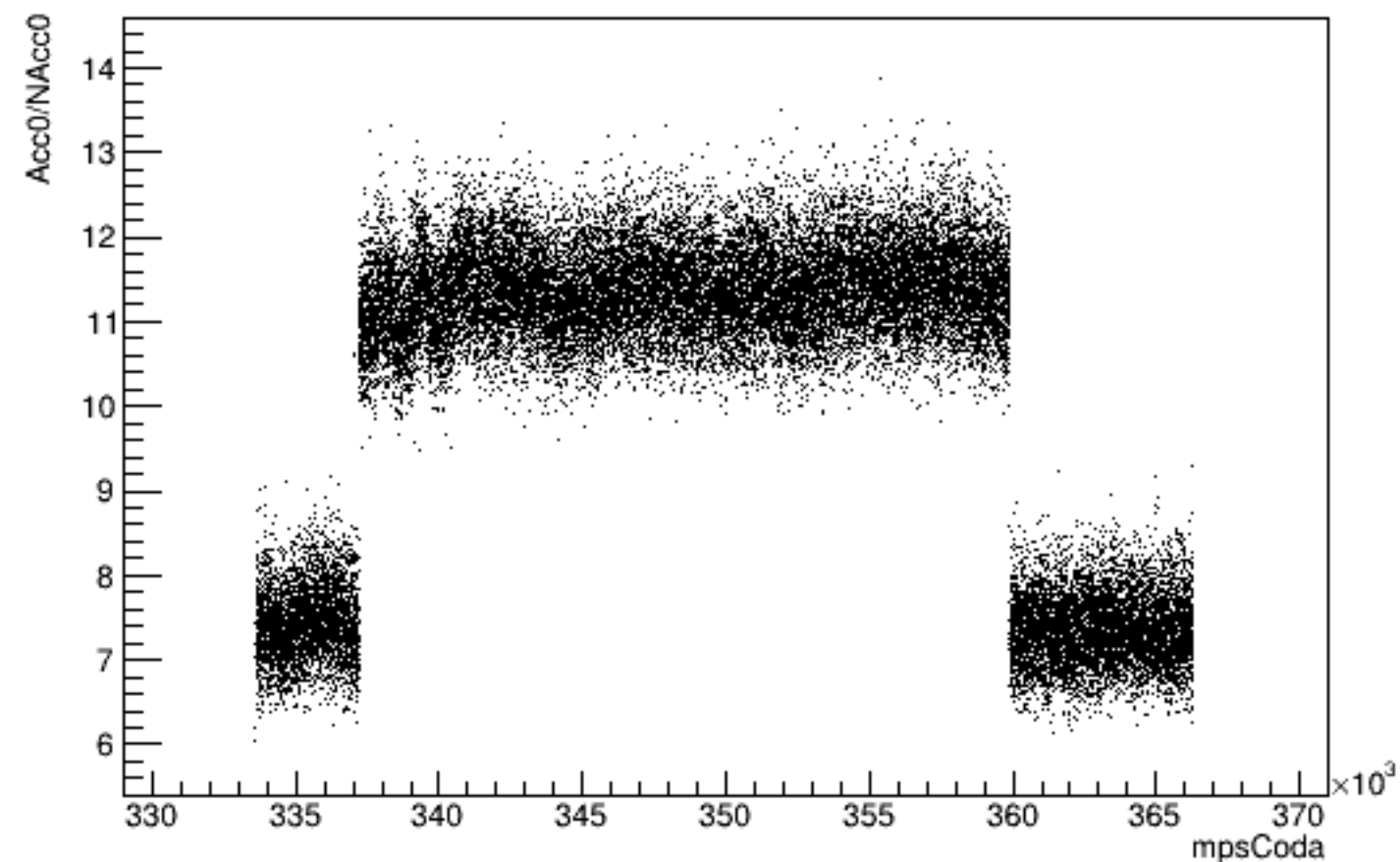


Cycle 6, Asyms

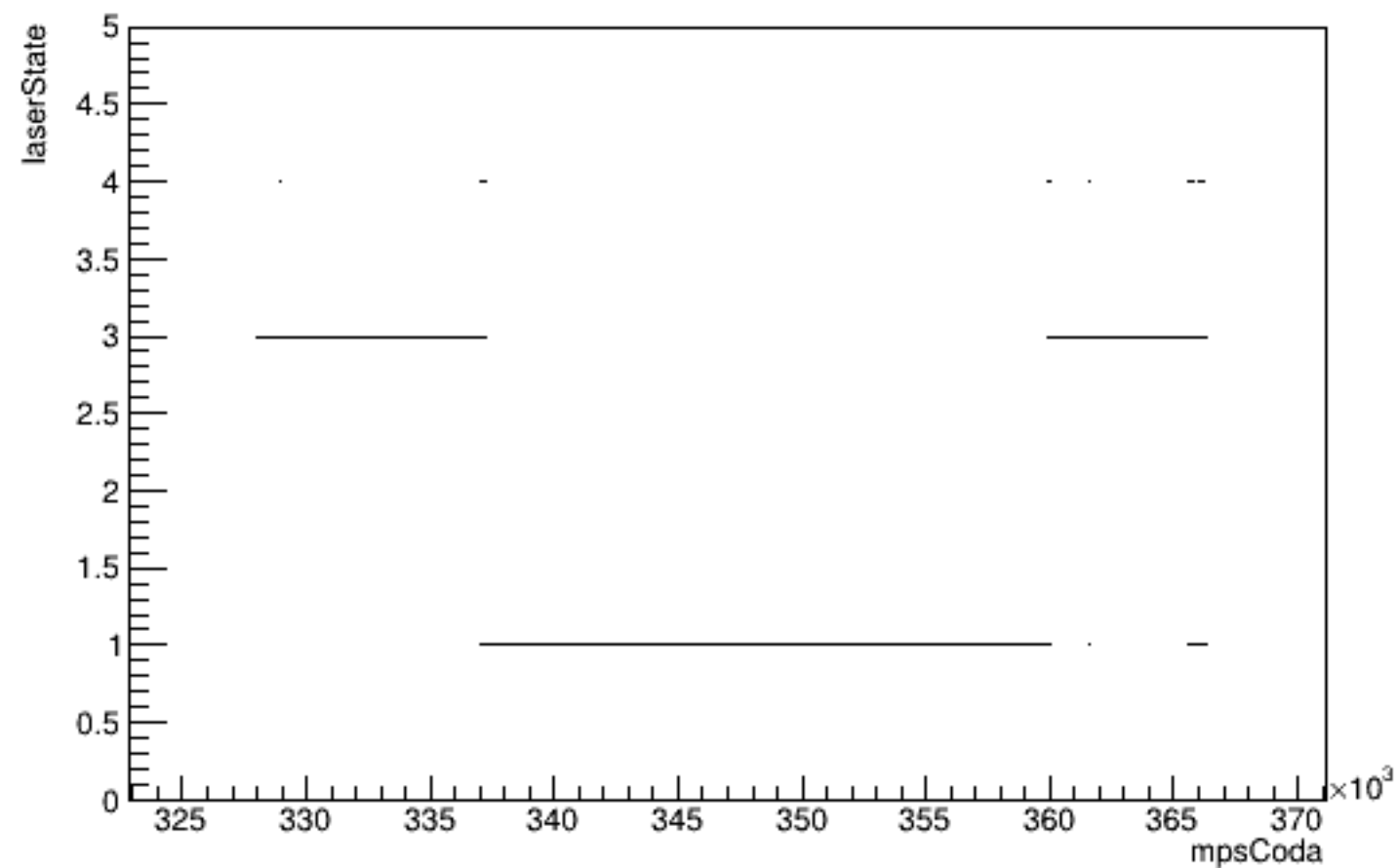
Entries: 440	Entries: 2838	Entries: 771
Mean: 0.0076 +/- 0.0016	Mean: 0.0187 +/- 0.0008	Mean: 0.0030 +/- 0.0012
Std Dev: 0.0337 +/- 0.0011	Std Dev: 0.0420 +/- 0.0006	Std Dev: 0.0345 +/- 0.0009
Run 4576 quartetwise, Asyms		



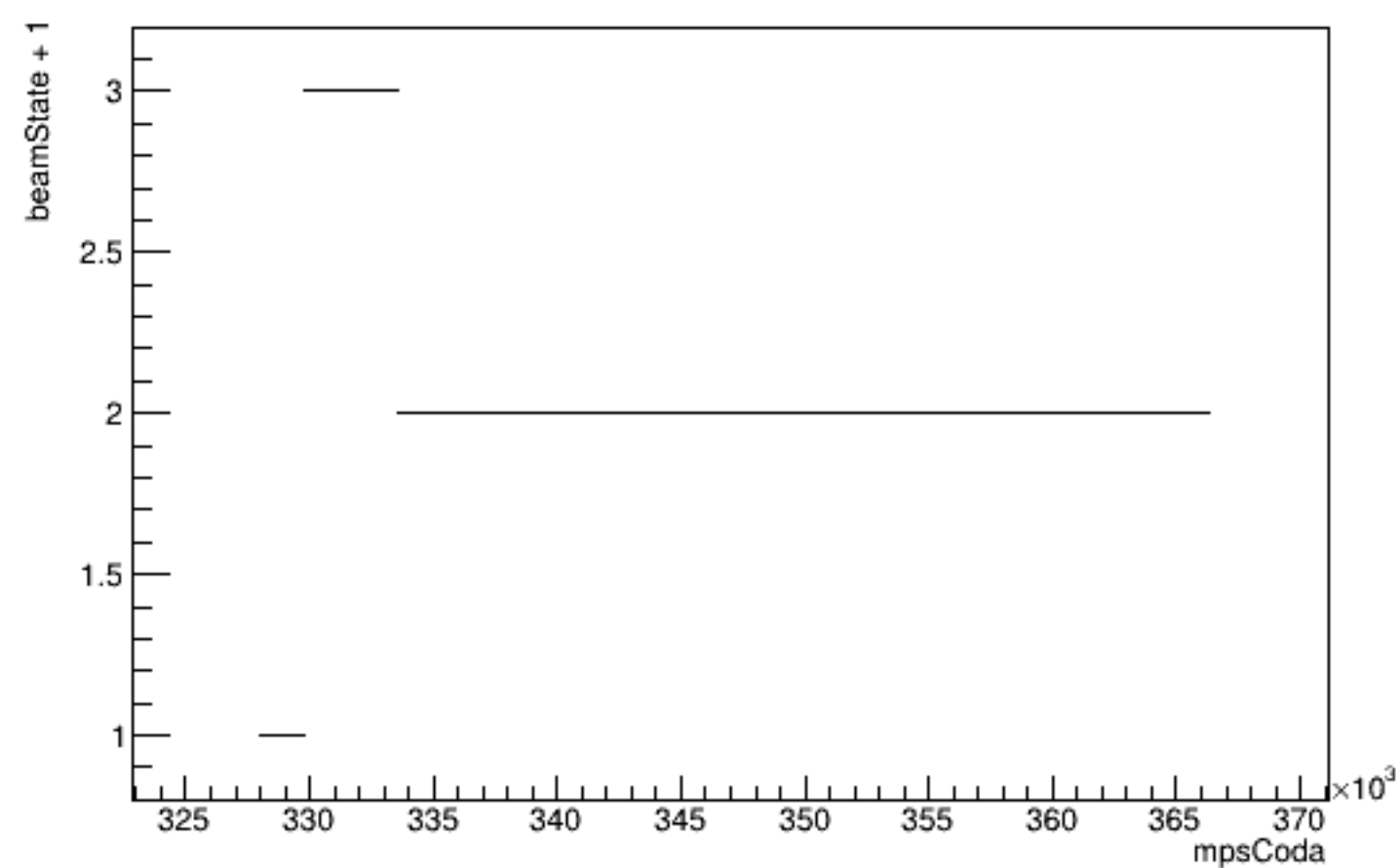
Acc0/NAcc0:mpsCoda {mpsCoda>=328041 && mpsCoda<=366288 && beamState==1}



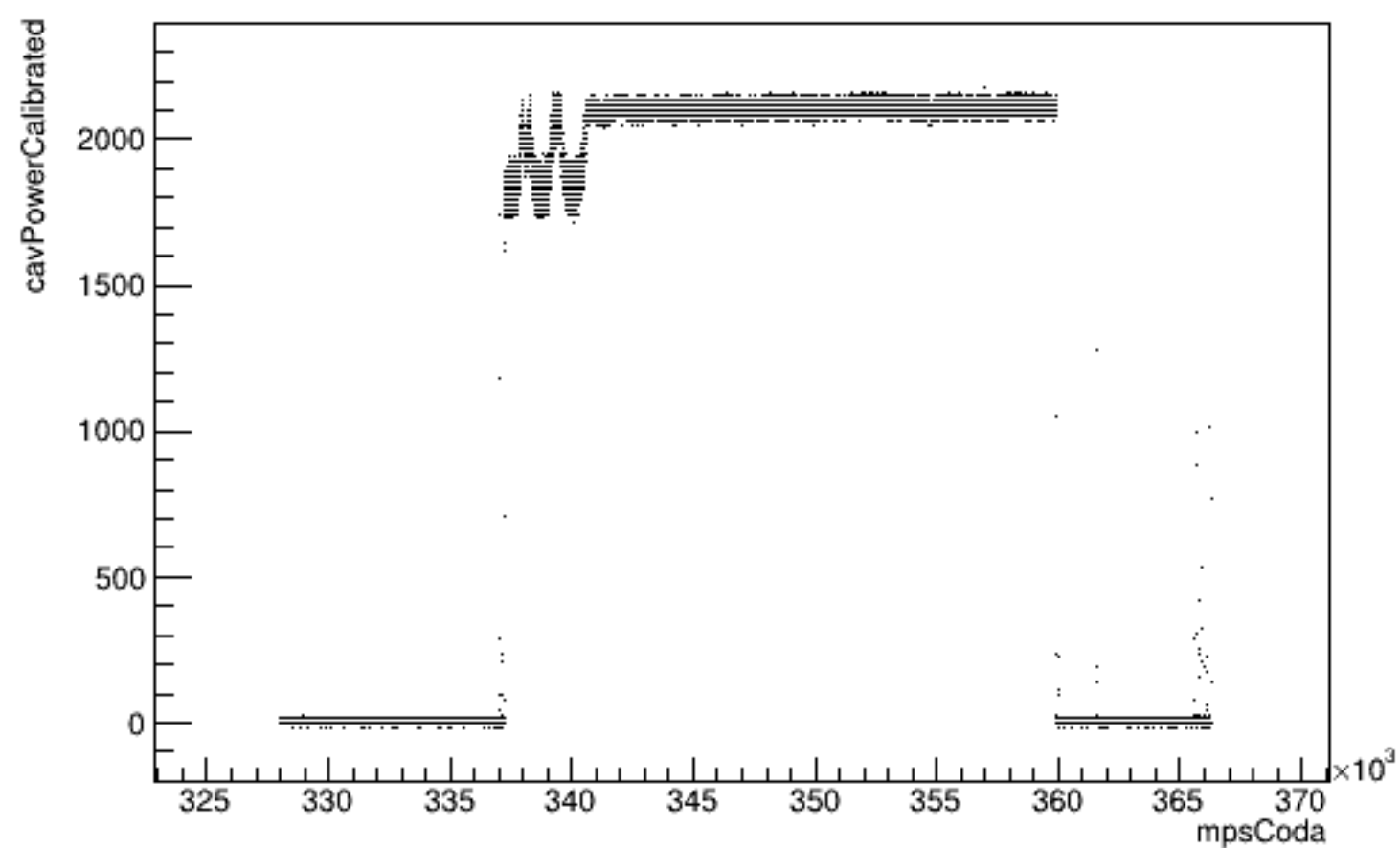
laserState:mpsCoda {mpsCoda>=328041 && mpsCoda<=366288}



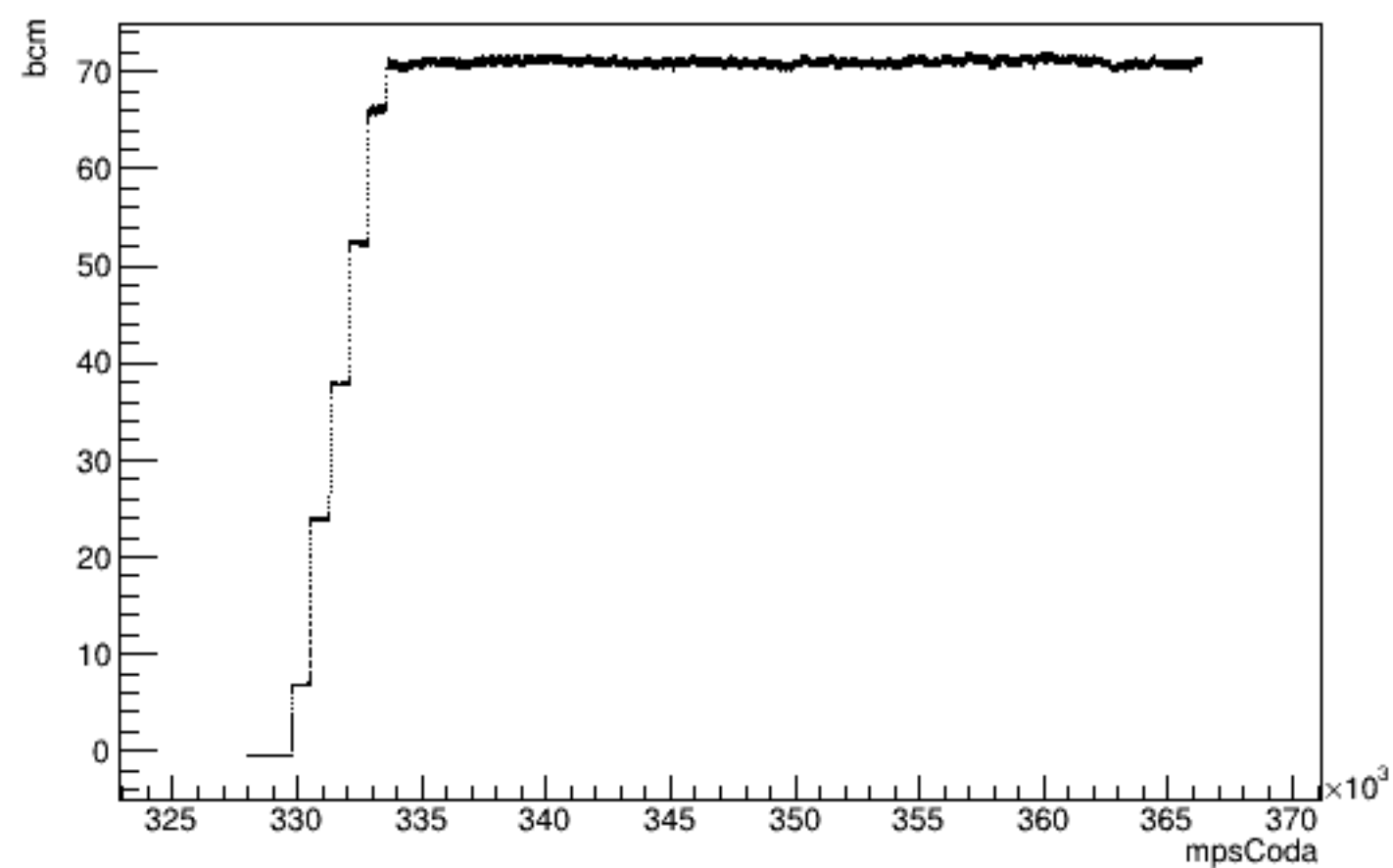
beamState + 1:mpsCoda {mpsCoda>=328041 && mpsCoda<=366288}



cavPowerCalibrated:mpsCoda {mpsCoda>=328041 && mpsCoda<=366288}



bcm:mpsCoda {mpsCoda>=328041 && mpsCoda<=366288}



Cycle 7, Diffs

Entries: 771

Mean: 0.0239 +/- 0.0098

Std Dev: 0.2733 +/- 0.0070

Entries: 830

Mean: 0.1445 +/- 0.0116

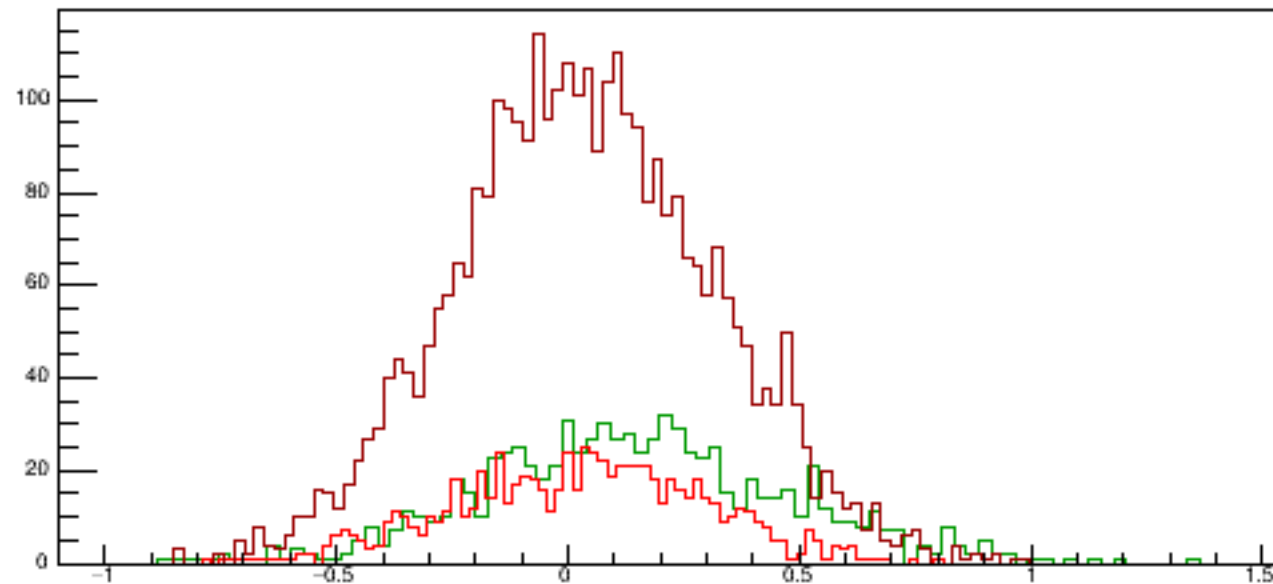
Std Dev: 0.3348 +/- 0.0082

Entries: 3381

Mean: 0.0361 +/- 0.0048

Std Dev: 0.2783 +/- 0.0034

Run 4576 quartetwise, Diffs



Cycle 7, Sums

Entries: 771

Mean: 14.7402 +/- 0.0107

Std Dev: 0.2964 +/- 0.0075

Entries: 830

Mean: 22.4149 +/- 0.0170

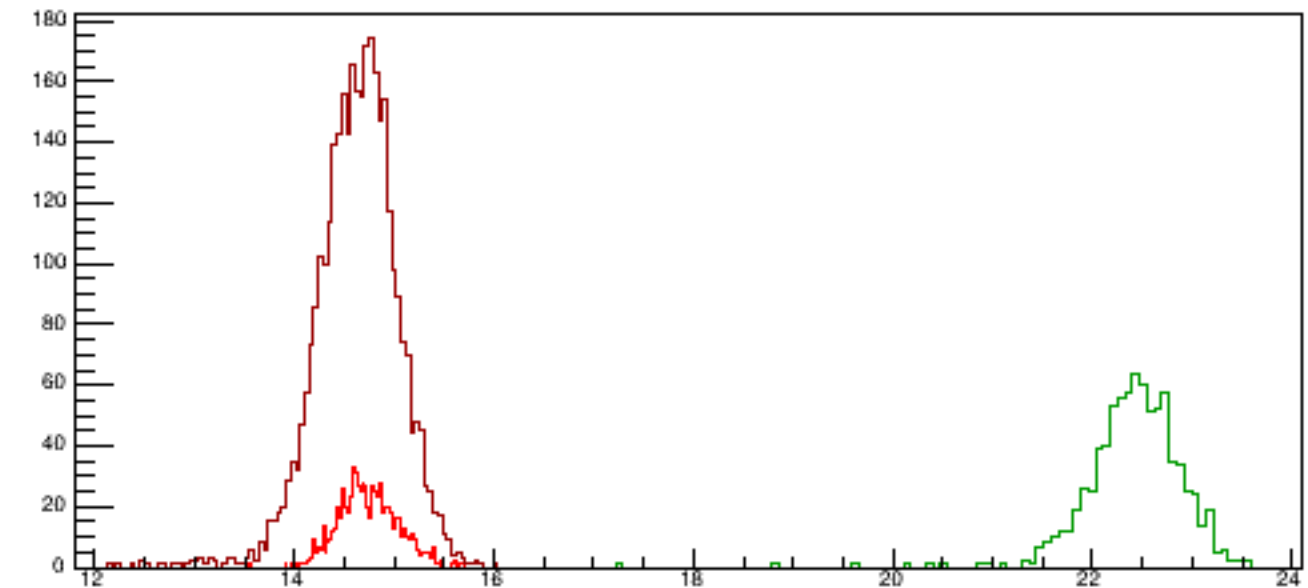
Std Dev: 0.4908 +/- 0.0120

Entries: 3381

Mean: 14.6283 +/- 0.0069

Std Dev: 0.4030 +/- 0.0049

Run 4576 quartetwise, Sums



Cycle 7, Asyms

Entries: 771

Mean: 0.0031 +/- 0.0013

Std Dev: 0.0354 +/- 0.0009

Entries: 830

Mean: 0.0188 +/- 0.0015

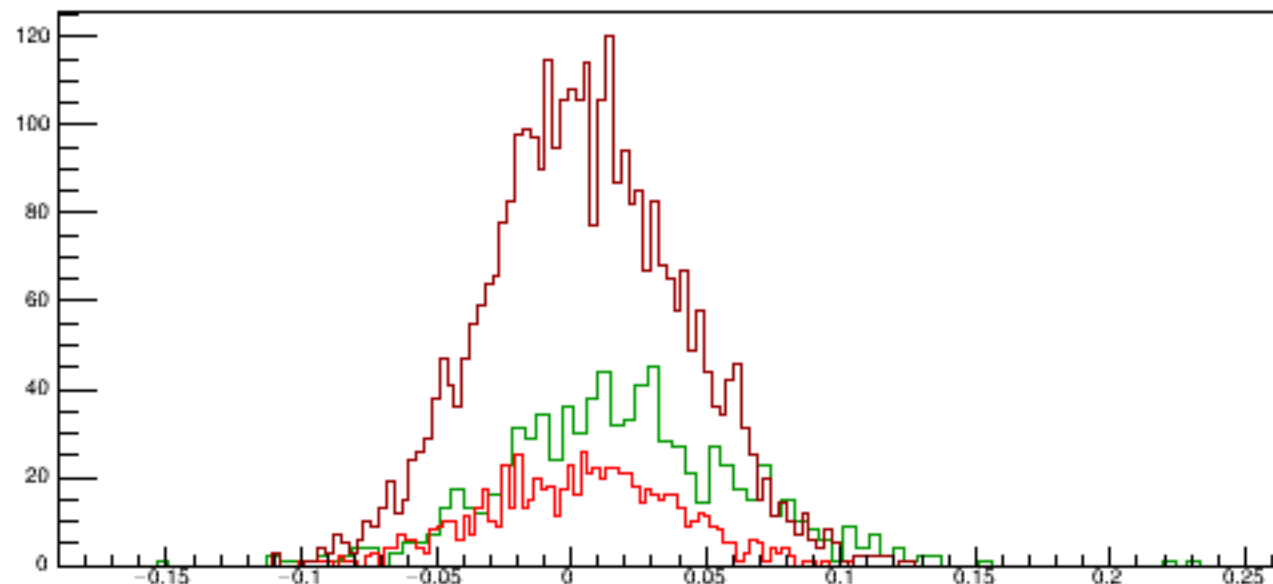
Std Dev: 0.0443 +/- 0.0011

Entries: 3381

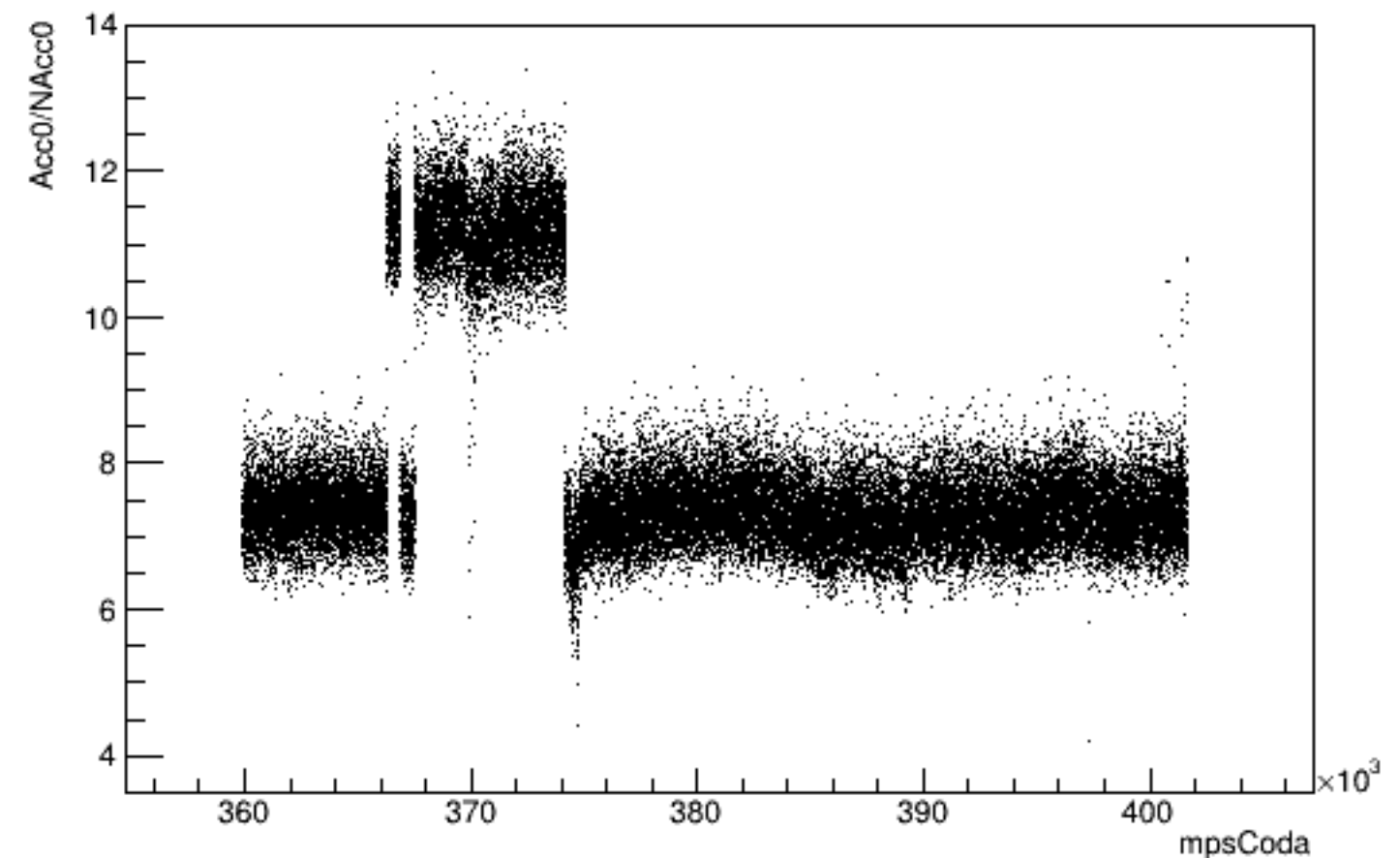
Mean: 0.0047 +/- 0.0006

Std Dev: 0.0360 +/- 0.0004

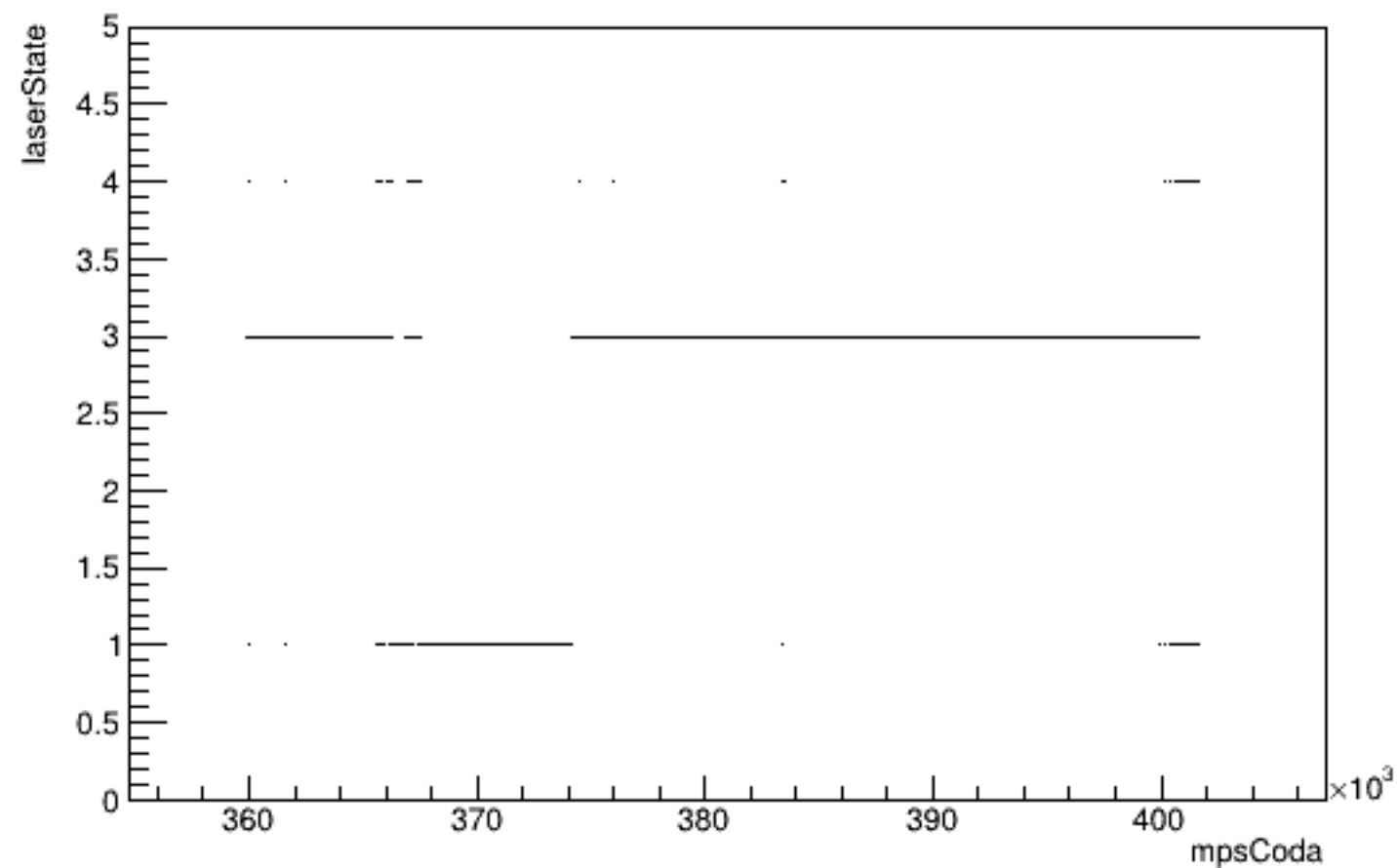
Run 4576 quartetwise, Asyms



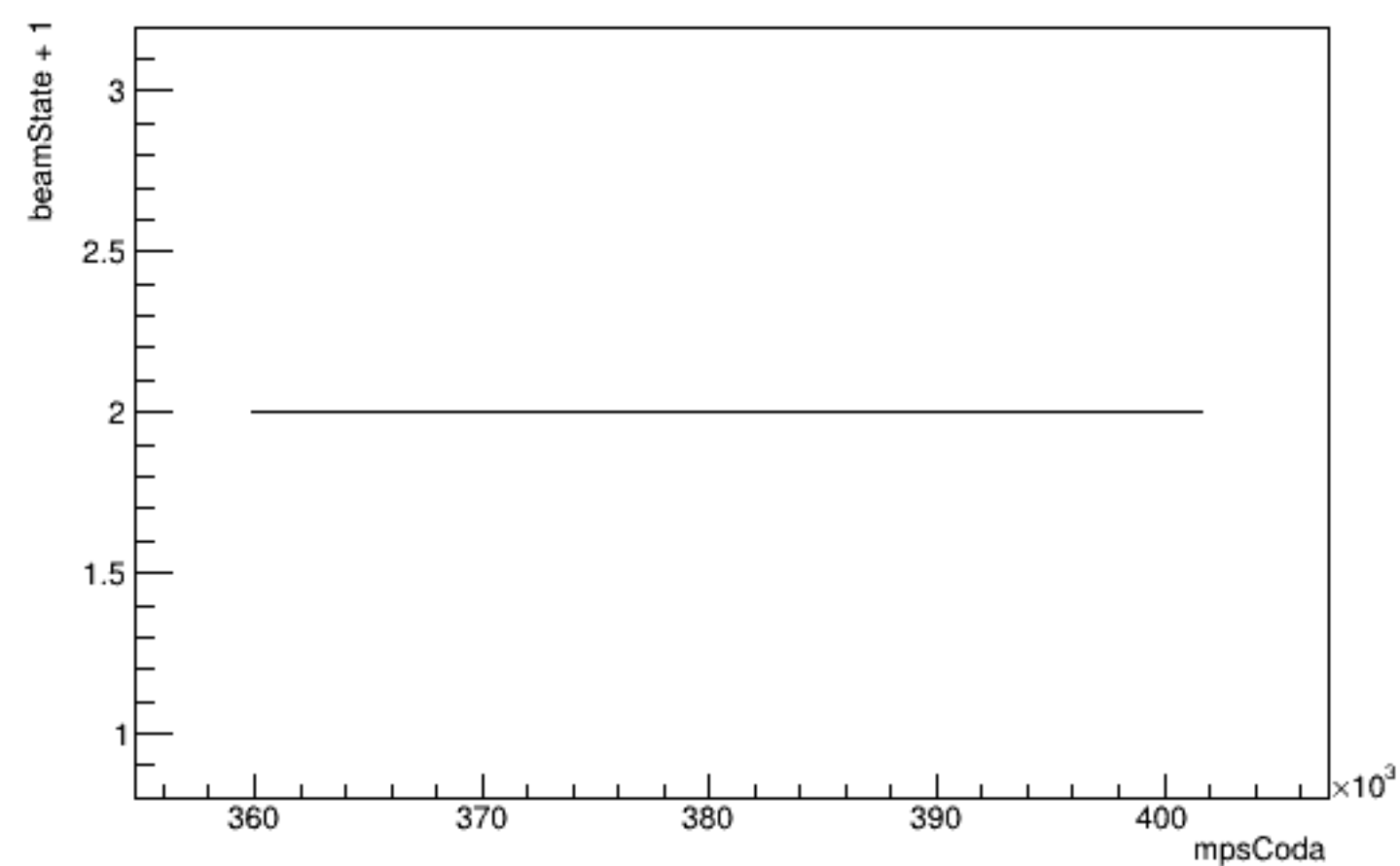
Acc0/NAcc0:mpsCoda {mpsCoda>=359905 && mpsCoda<=401656 && beamState==1}



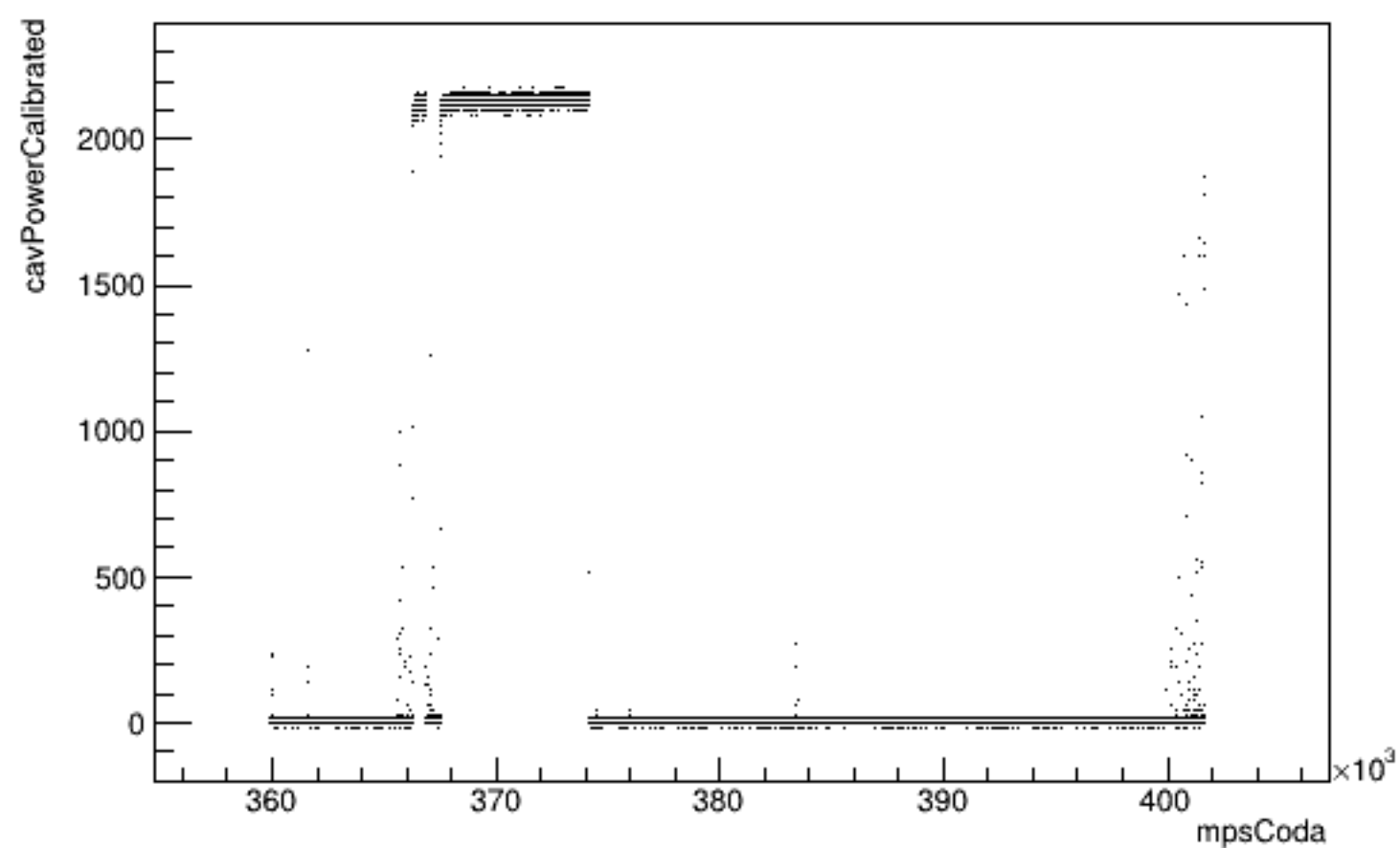
laserState:mpsCoda {mpsCoda>=359905 && mpsCoda<=401656}



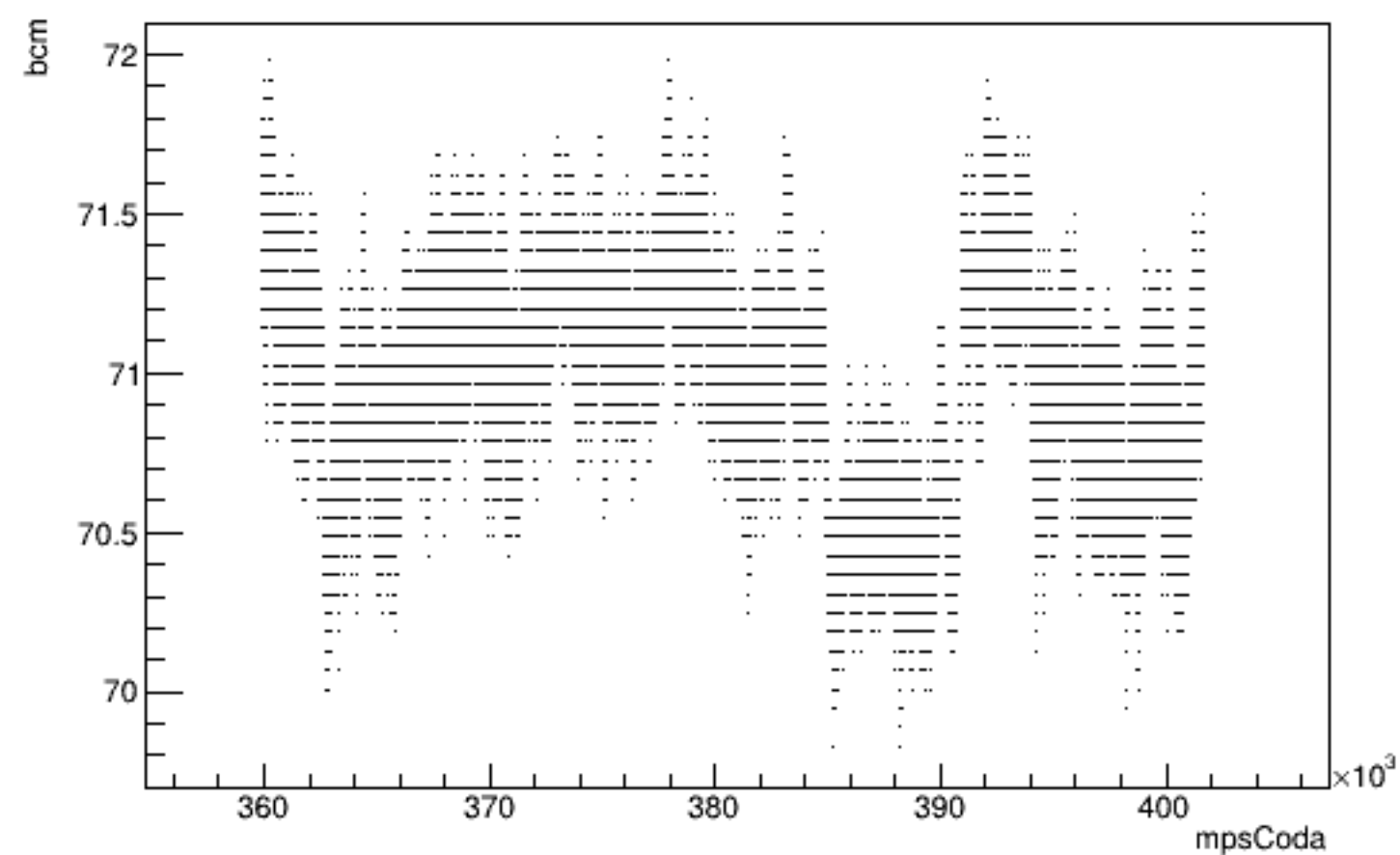
beamState + 1:mpsCoda {mpsCoda>=359905 && mpsCoda<=401656}



cavPowerCalibrated:mpsCoda {mpsCoda>=359905 && mpsCoda<=401656}



bcm:mpsCoda {mpsCoda>=359905 && mpsCoda<=401656}



Cycle 8, Diffs

Entries: 3381

Mean: 0.0361 +/- 0.0048

Std Dev: 0.2783 +/- 0.0034

Entries: 681

Mean: 0.1371 +/- 0.0132

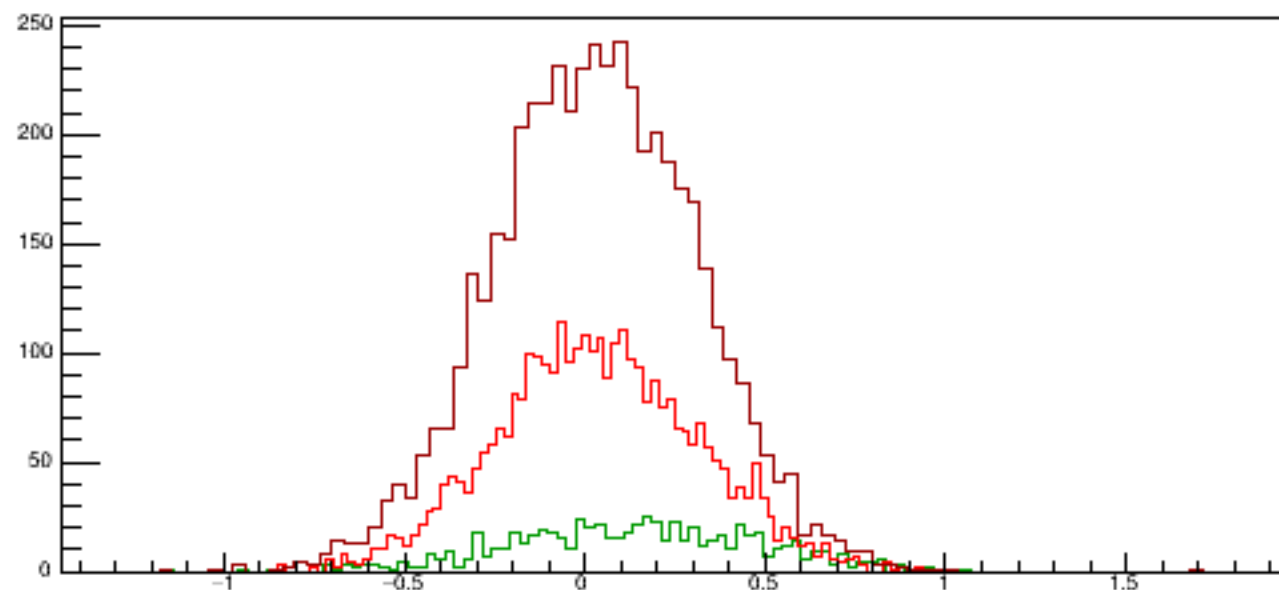
Std Dev: 0.3436 +/- 0.0093

Entries: 4941

Mean: 0.0303 +/- 0.0040

Std Dev: 0.2794 +/- 0.0028

Run 4576 quartetwise, Diffs



Cycle 8, Sums

Entries: 3381

Mean: 14.6283 +/- 0.0069

Std Dev: 0.4030 +/- 0.0049

Entries: 681

Mean: 22.0505 +/- 0.0212

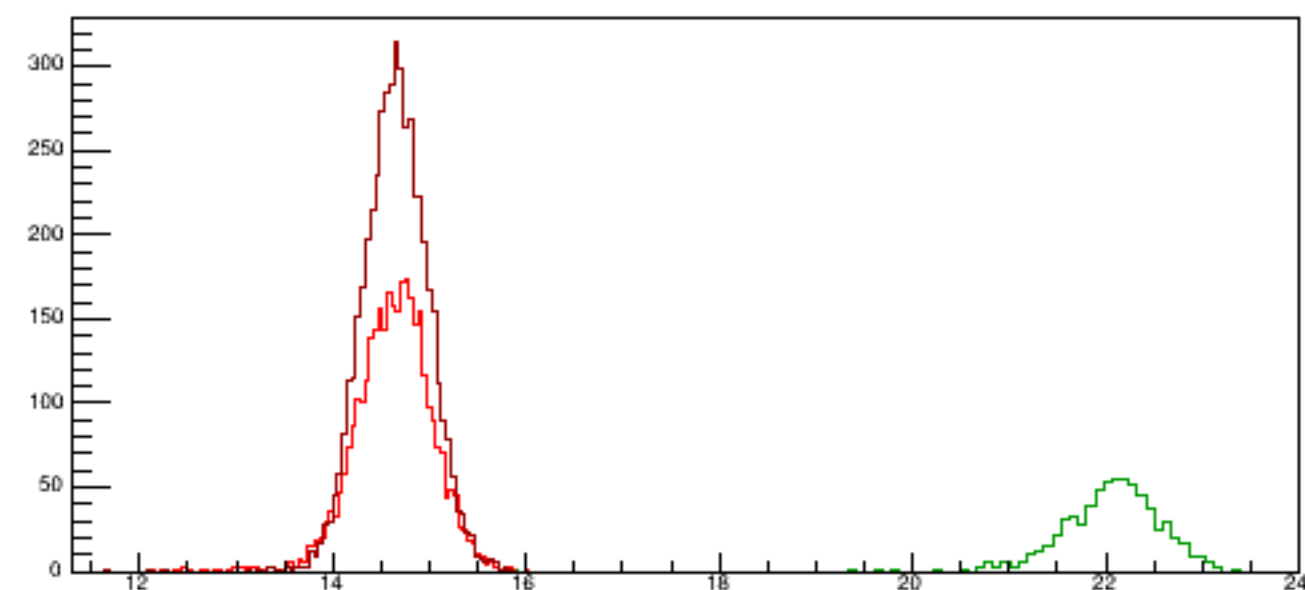
Std Dev: 0.5528 +/- 0.0150

Entries: 4941

Mean: 14.6505 +/- 0.0048

Std Dev: 0.3386 +/- 0.0034

Run 4576 quartetwise, Sums



Cycle 8, Asyms

Entries: 3381

Mean: 0.0049 +/- 0.0006

Std Dev: 0.0375 +/- 0.0005

Entries: 681

Mean: 0.0173 +/- 0.0022

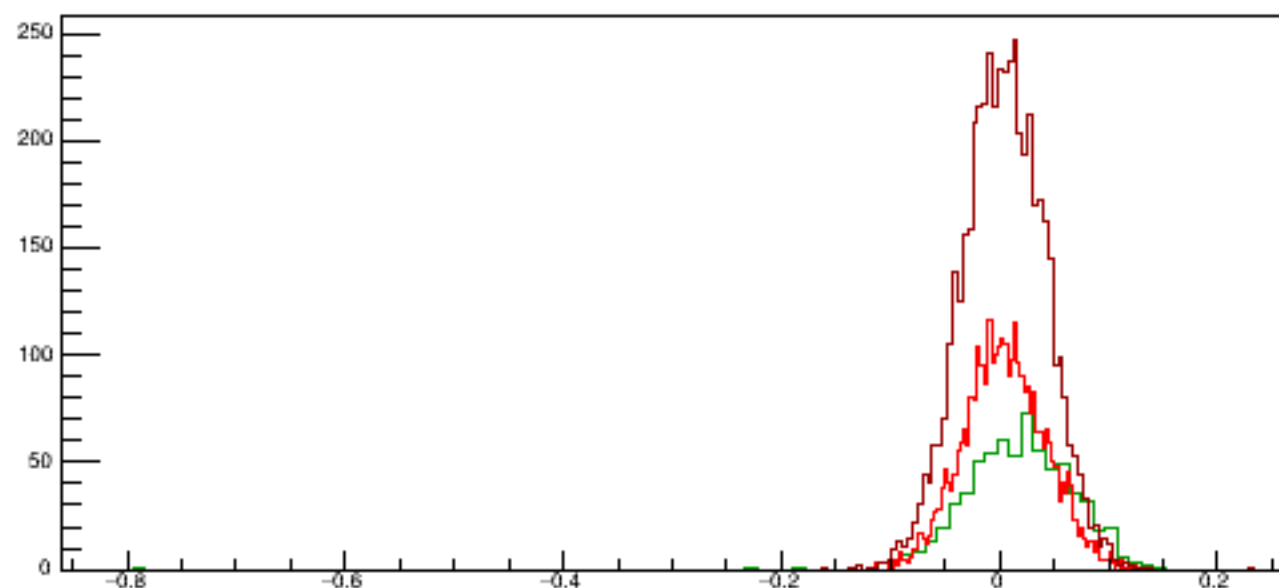
Std Dev: 0.0562 +/- 0.0015

Entries: 4941

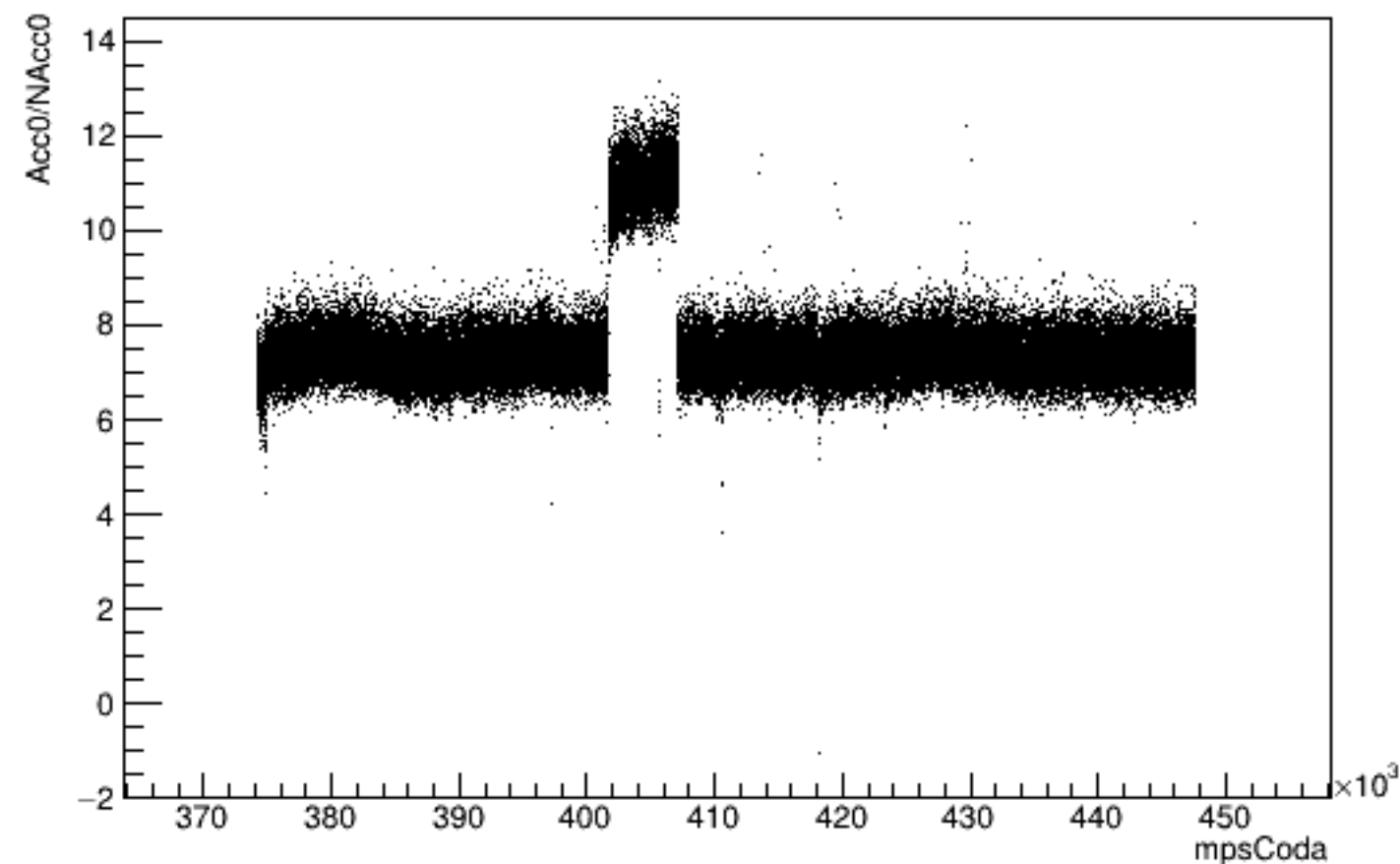
Mean: 0.0041 +/- 0.0005

Std Dev: 0.0377 +/- 0.0004

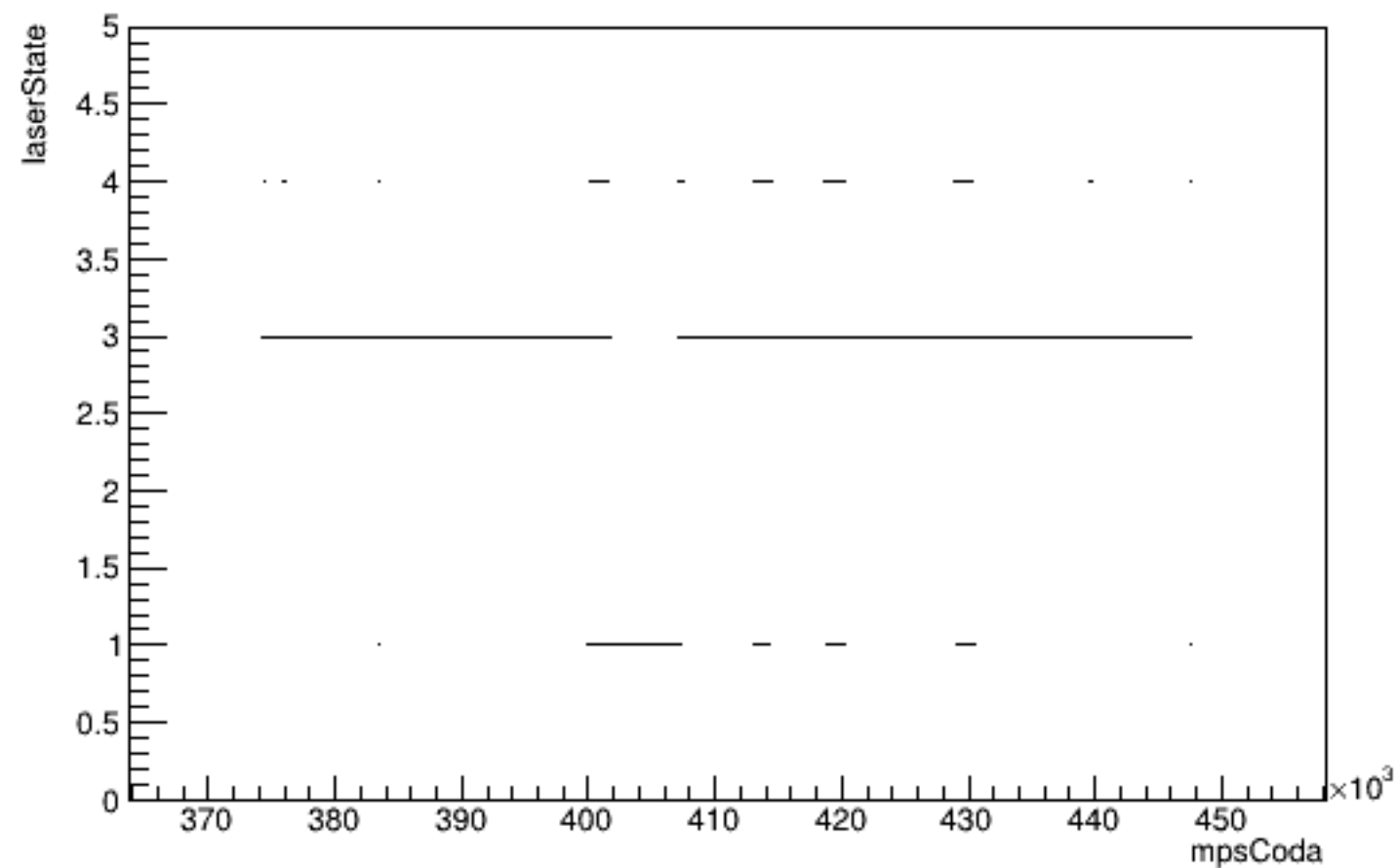
Run 4576 quartetwise, Asyms



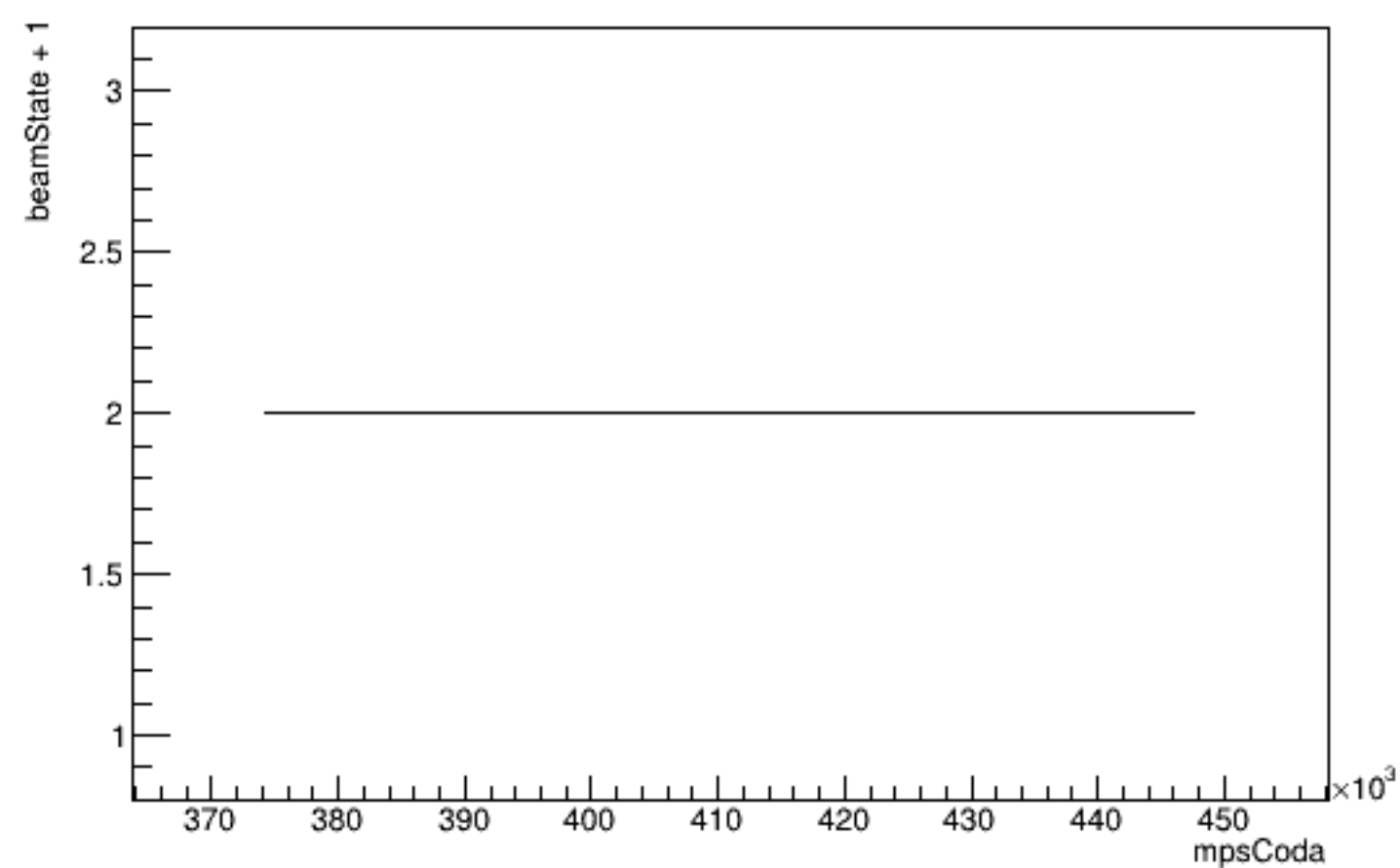
Acc0/NAcc0:mpsCoda {mpsCoda>=374161 && mpsCoda<=447640 && beamState==1}



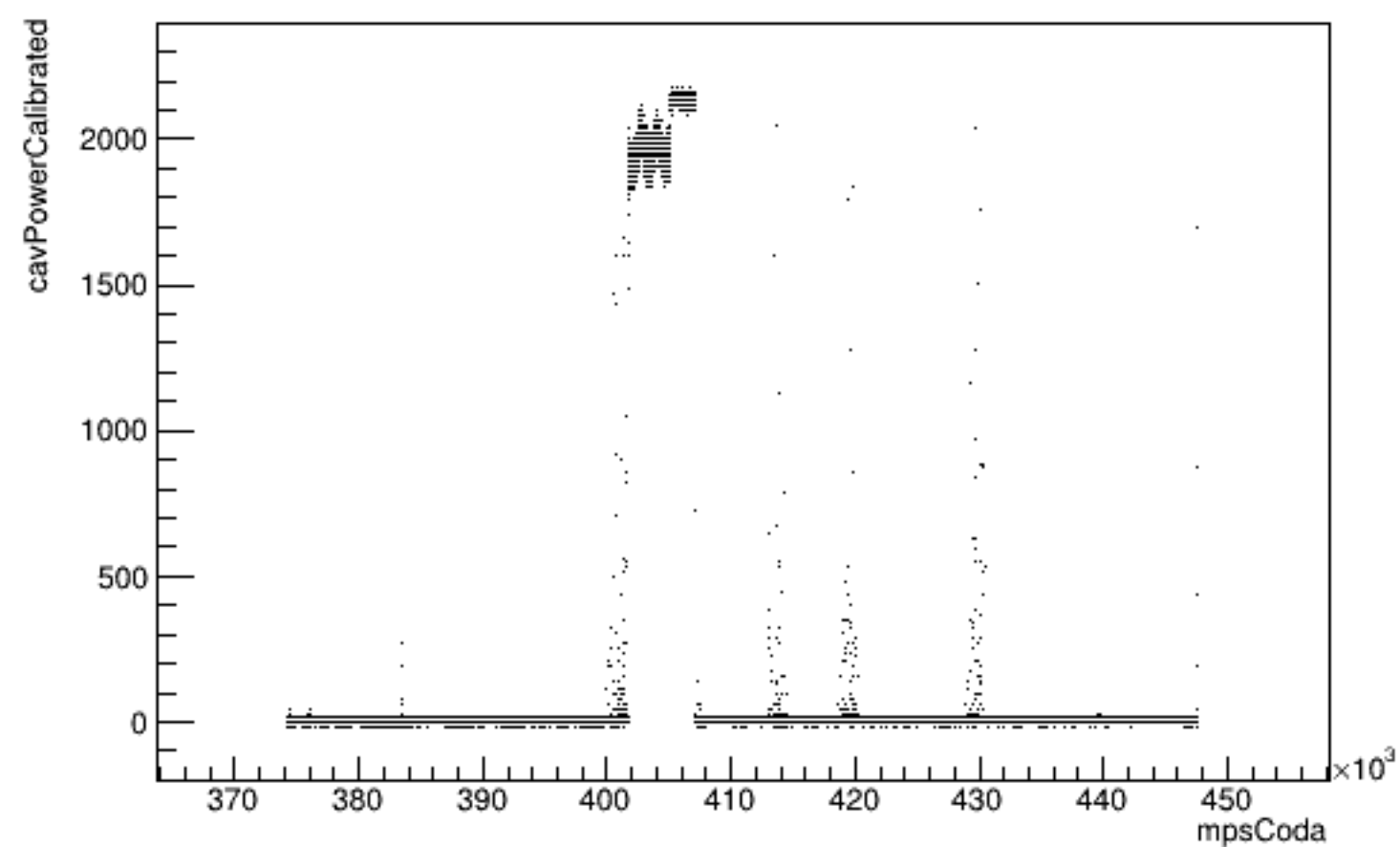
laserState:mpsCoda {mpsCoda>=374161 && mpsCoda<=447640}



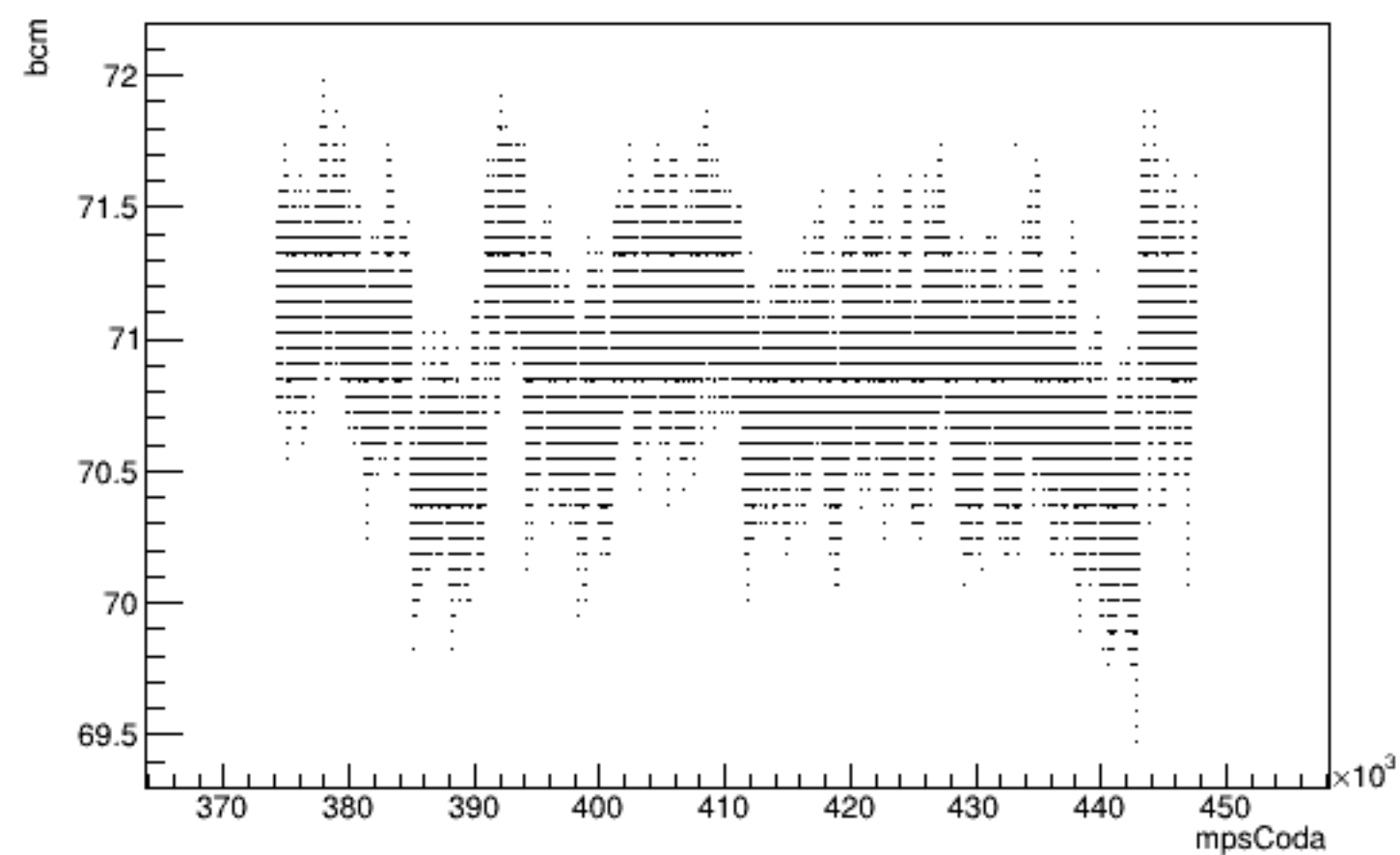
beamState + 1:mpsCoda {mpsCoda>=374161 && mpsCoda<=447640}



cavPowerCalibrated:mpsCoda {mpsCoda>=374161 && mpsCoda<=447640}



bcm:mpsCoda {mpsCoda>=374161 && mpsCoda<=447640}



Cycle 9, Diffs

Entries: 4941

Mean: 0.0303 +/- 0.0040

Std Dev: 0.2794 +/- 0.0028

Entries: 4650

Mean: 0.1380 +/- 0.0050

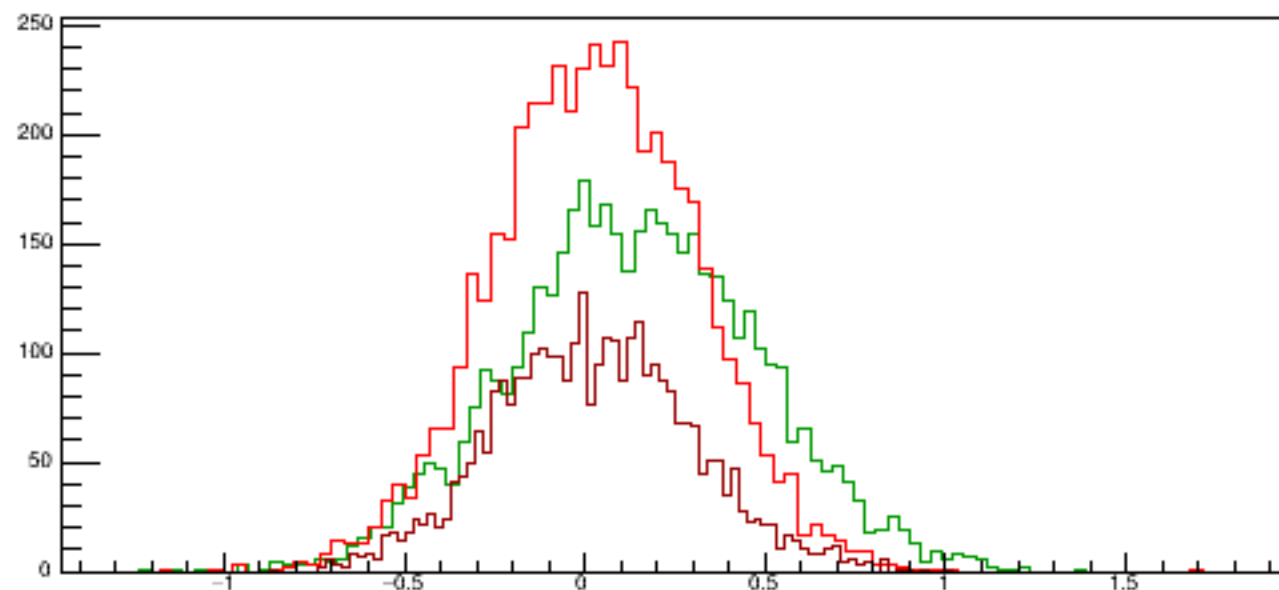
Std Dev: 0.3427 +/- 0.0036

Entries: 3333

Mean: 0.0243 +/- 0.0047

Std Dev: 0.2730 +/- 0.0033

Run 4576 quartetwise, Diffs



Cycle 9, Sums

Entries: 4941

Mean: 14.6505 +/- 0.0048

Std Dev: 0.3386 +/- 0.0034

Entries: 4650

Mean: 21.9093 +/- 0.0071

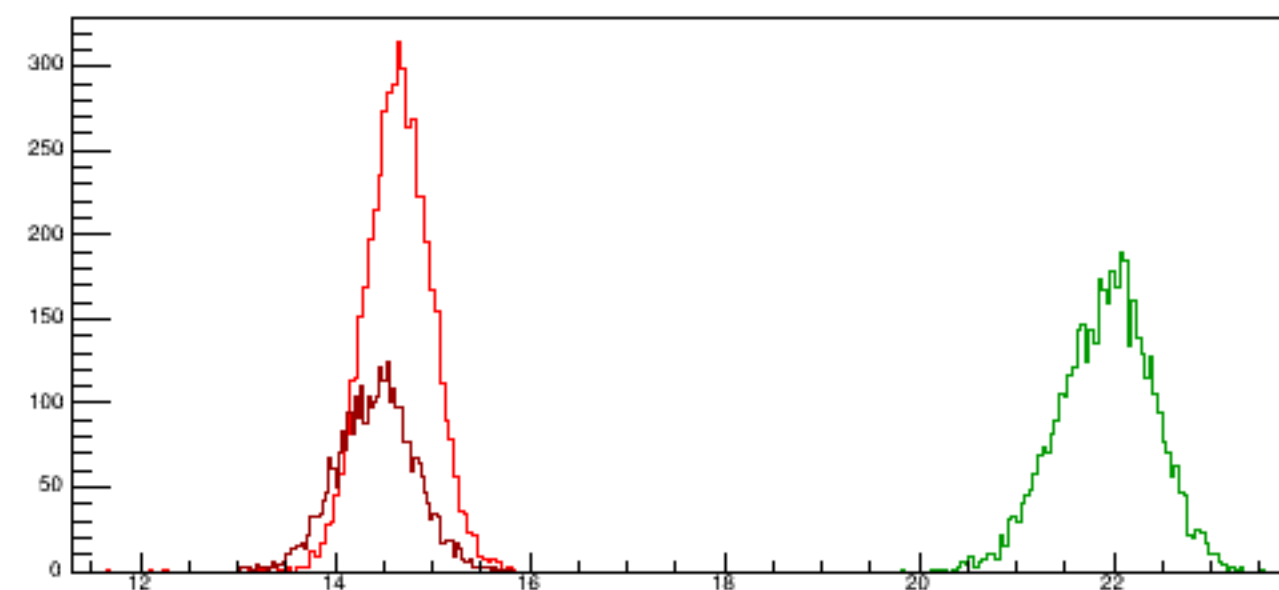
Std Dev: 0.4866 +/- 0.0050

Entries: 3333

Mean: 14.4156 +/- 0.0069

Std Dev: 0.4009 +/- 0.0049

Run 4576 quartetwise, Sums



Cycle 9, Asyms

Entries: 4941

Mean: 0.0041 +/- 0.0005

Std Dev: 0.0379 +/- 0.0004

Entries: 4650

Mean: 0.0188 +/- 0.0007

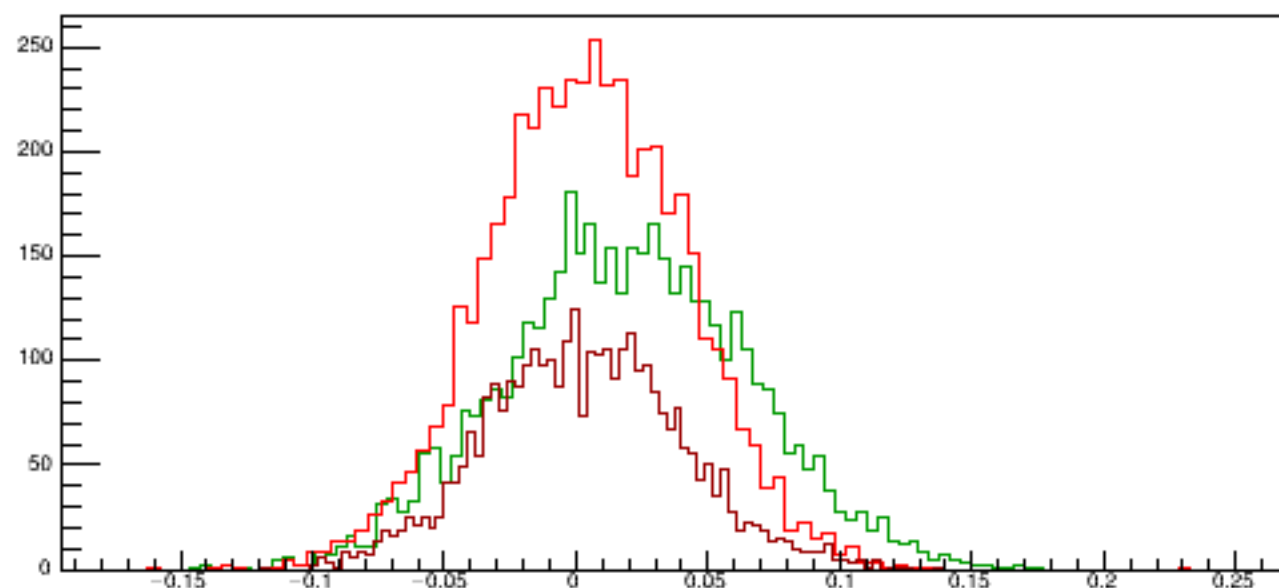
Std Dev: 0.0465 +/- 0.0005

Entries: 3333

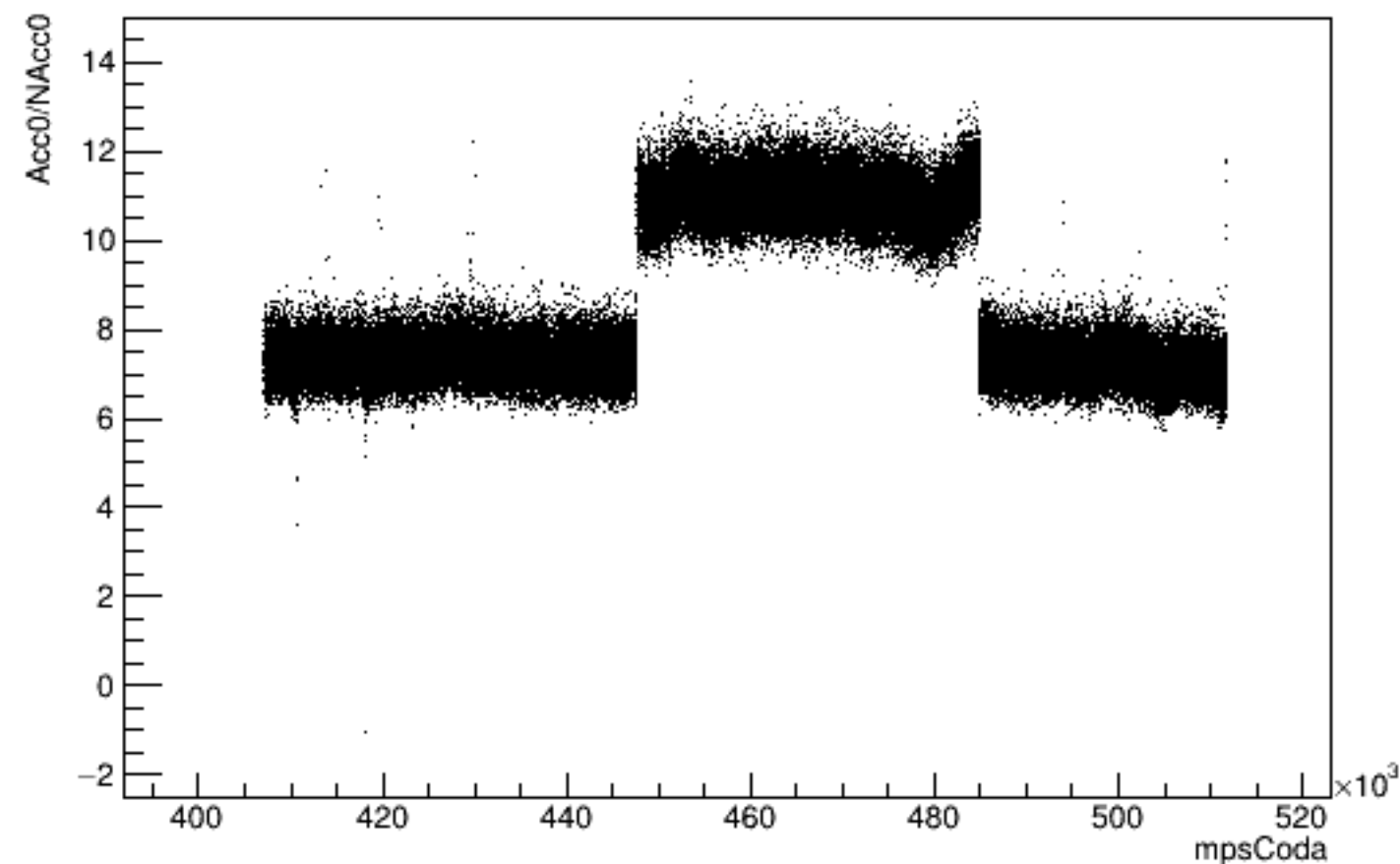
Mean: 0.0033 +/- 0.0006

Std Dev: 0.0370 +/- 0.0005

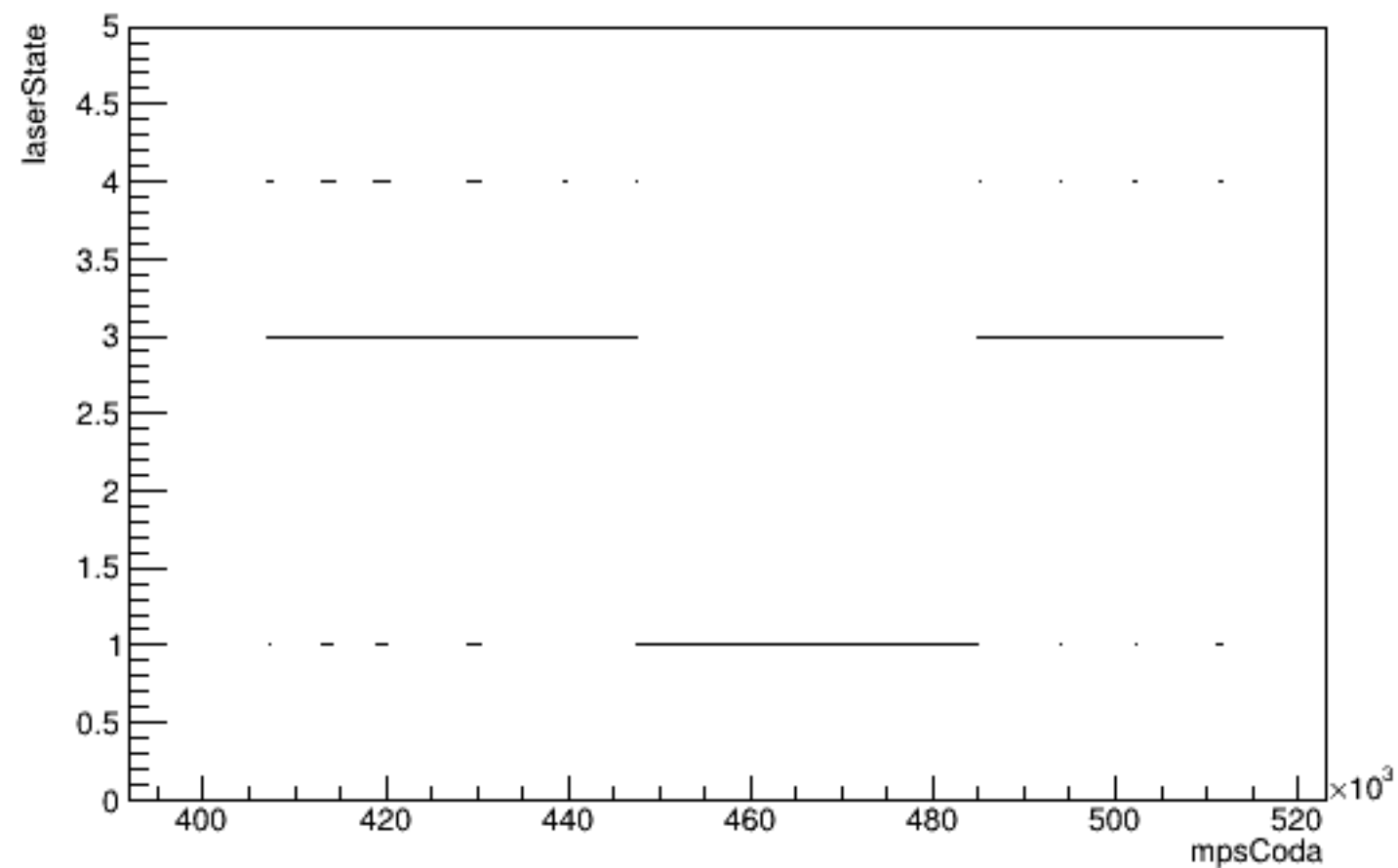
Run 4576 quartetwise, Asyms



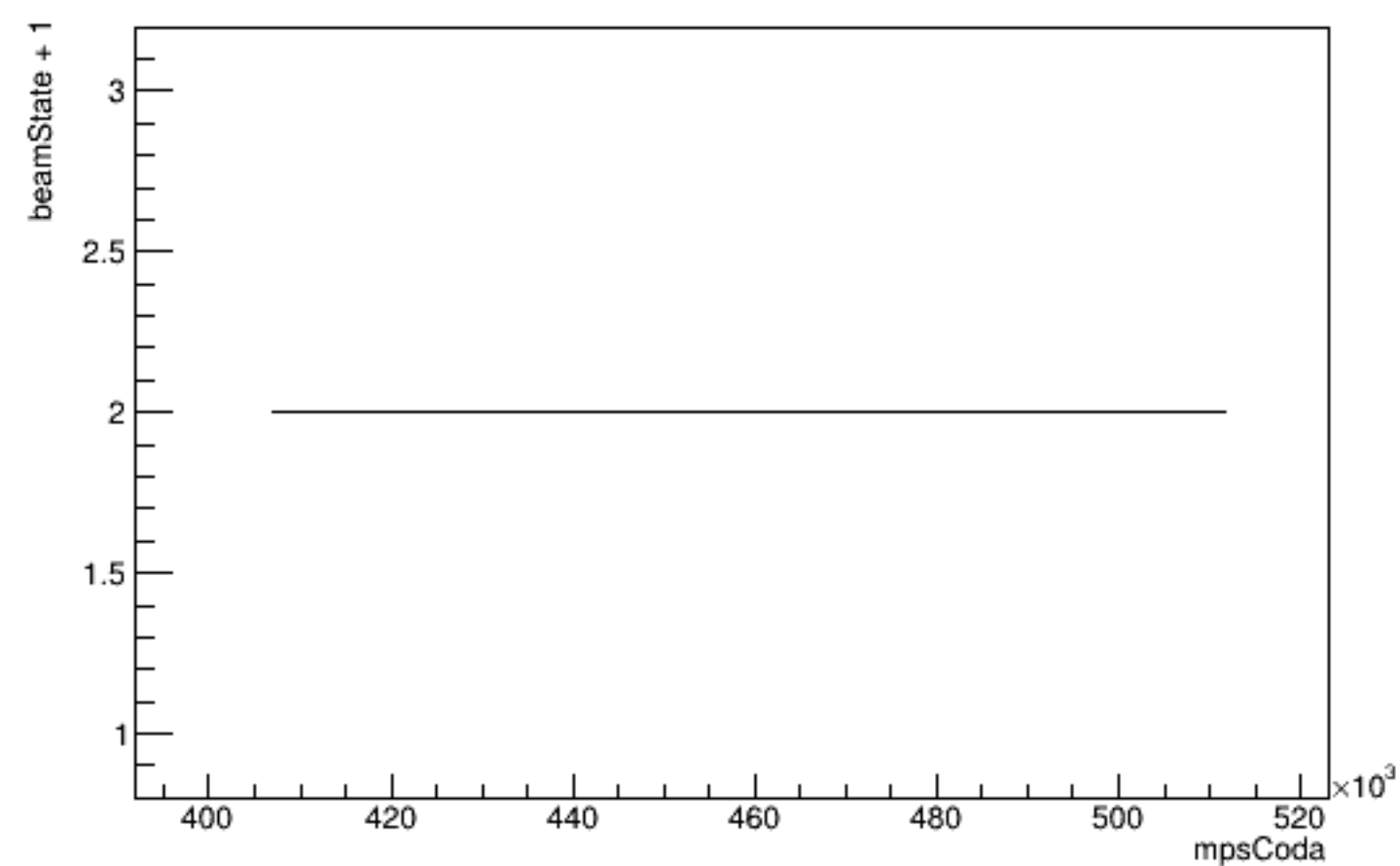
Acc0/NAcc0:mpsCoda {mpsCoda>=407113 && mpsCoda<=511800 && beamState==1}



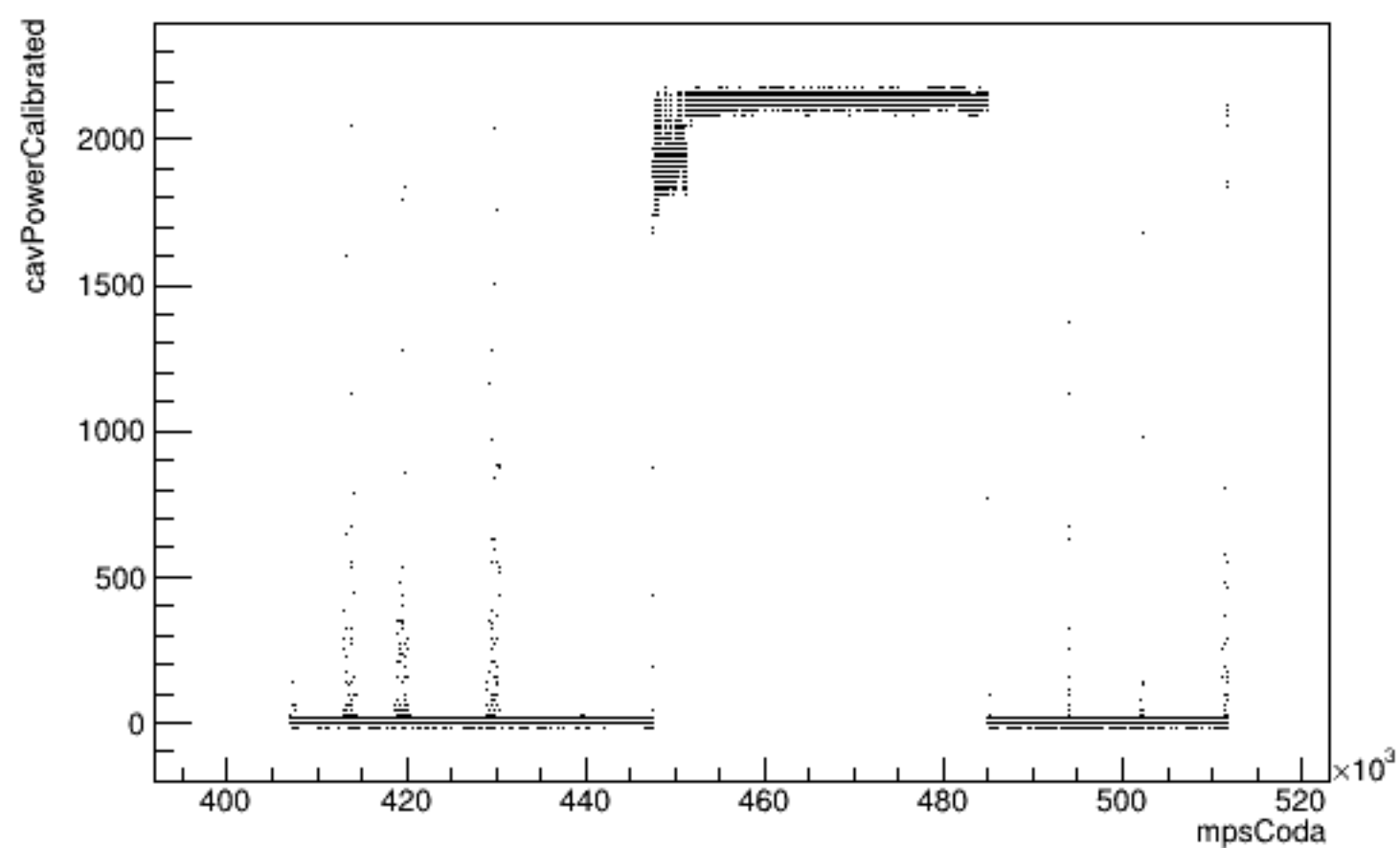
laserState:mpsCoda {mpsCoda>=407113 && mpsCoda<=511800}



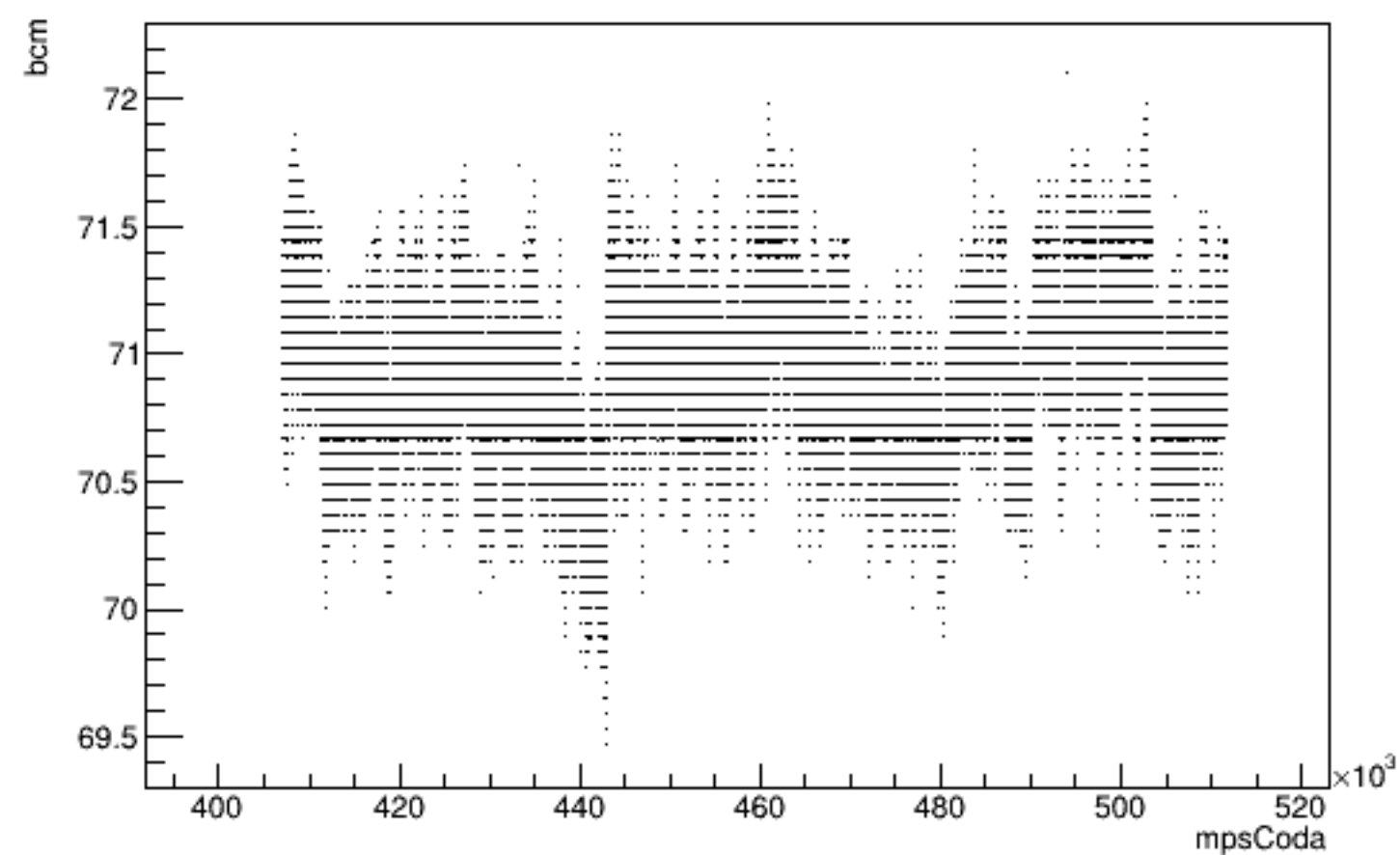
beamState + 1:mpsCoda {mpsCoda>=407113 && mpsCoda<=511800}



cavPowerCalibrated:mpsCoda {mpsCoda>=407113 && mpsCoda<=511800}



bcm:mpsCoda {mpsCoda>=407113 && mpsCoda<=511800}



Cycle 10, Diffs

Entries: 3333

Mean: 0.0243 +/- 0.0047

Std Dev: 0.2730 +/- 0.0033

Entries: 465

Mean: 0.1337 +/- 0.0165

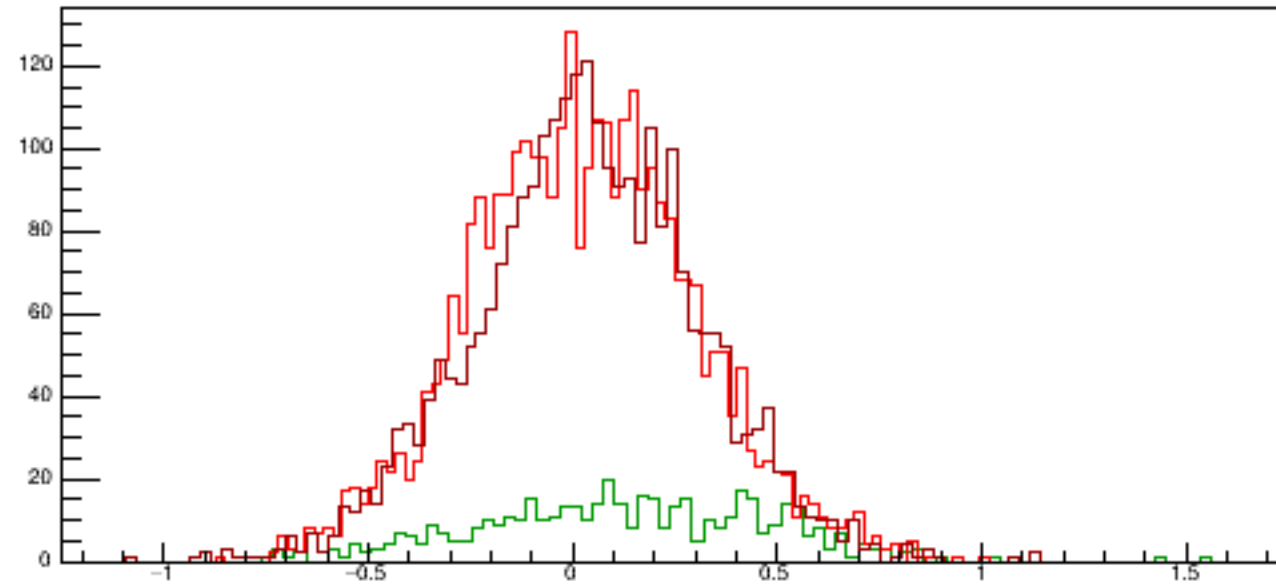
Std Dev: 0.3552 +/- 0.0116

Entries: 2733

Mean: 0.0341 +/- 0.0053

Std Dev: 0.2758 +/- 0.0037

Run 4576 quartetwise, Diffs



Cycle 10, Sums

Entries: 3333

Mean: 14.4156 +/- 0.0069

Std Dev: 0.4009 +/- 0.0049

Entries: 465

Mean: 21.9242 +/- 0.0200

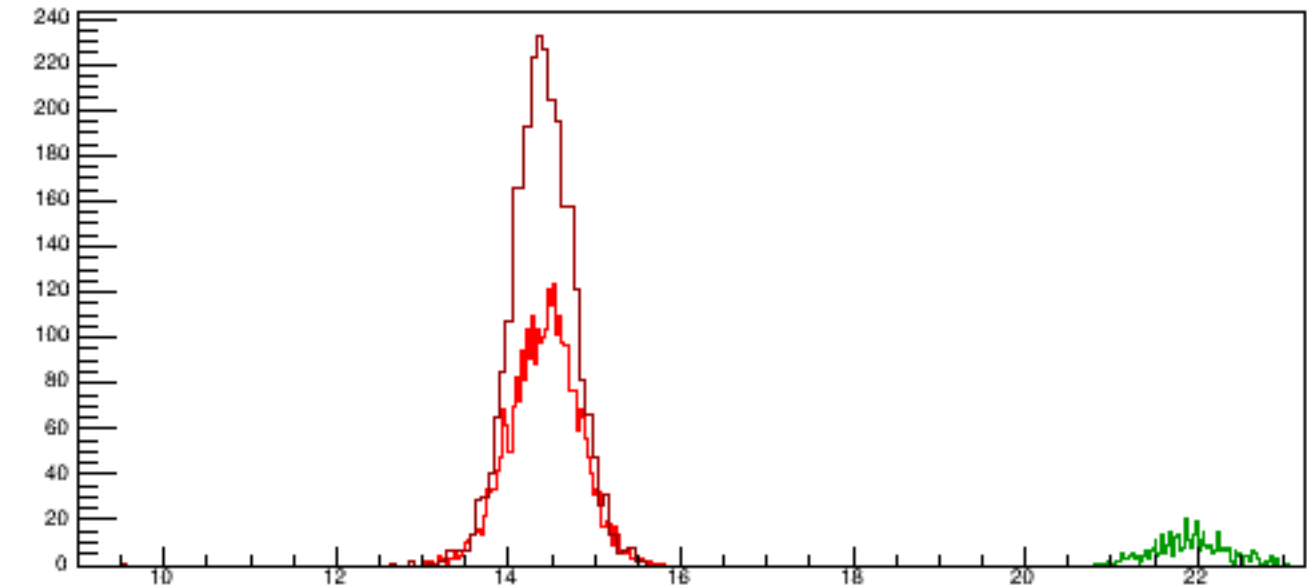
Std Dev: 0.4313 +/- 0.0141

Entries: 2733

Mean: 14.3912 +/- 0.0070

Std Dev: 0.3677 +/- 0.0050

Run 4576 quartetwise, Sums



Cycle 10, Asyms

Entries: 3333

Mean: 0.0032 +/- 0.0006

Std Dev: 0.0363 +/- 0.0004

Entries: 465

Mean: 0.0180 +/- 0.0022

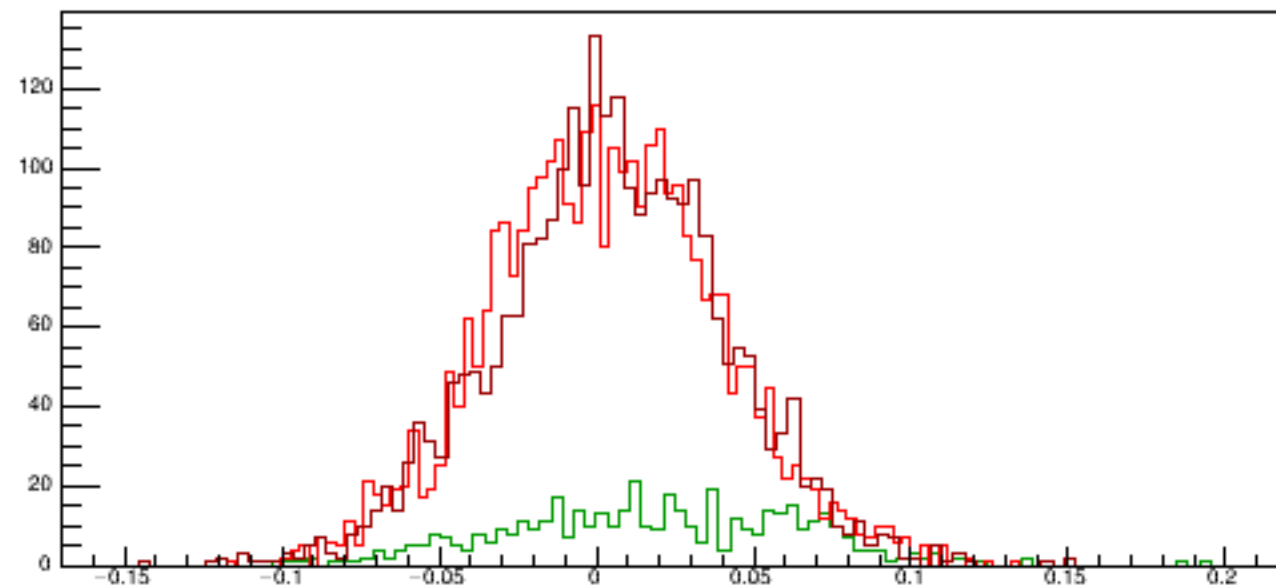
Std Dev: 0.0472 +/- 0.0015

Entries: 2733

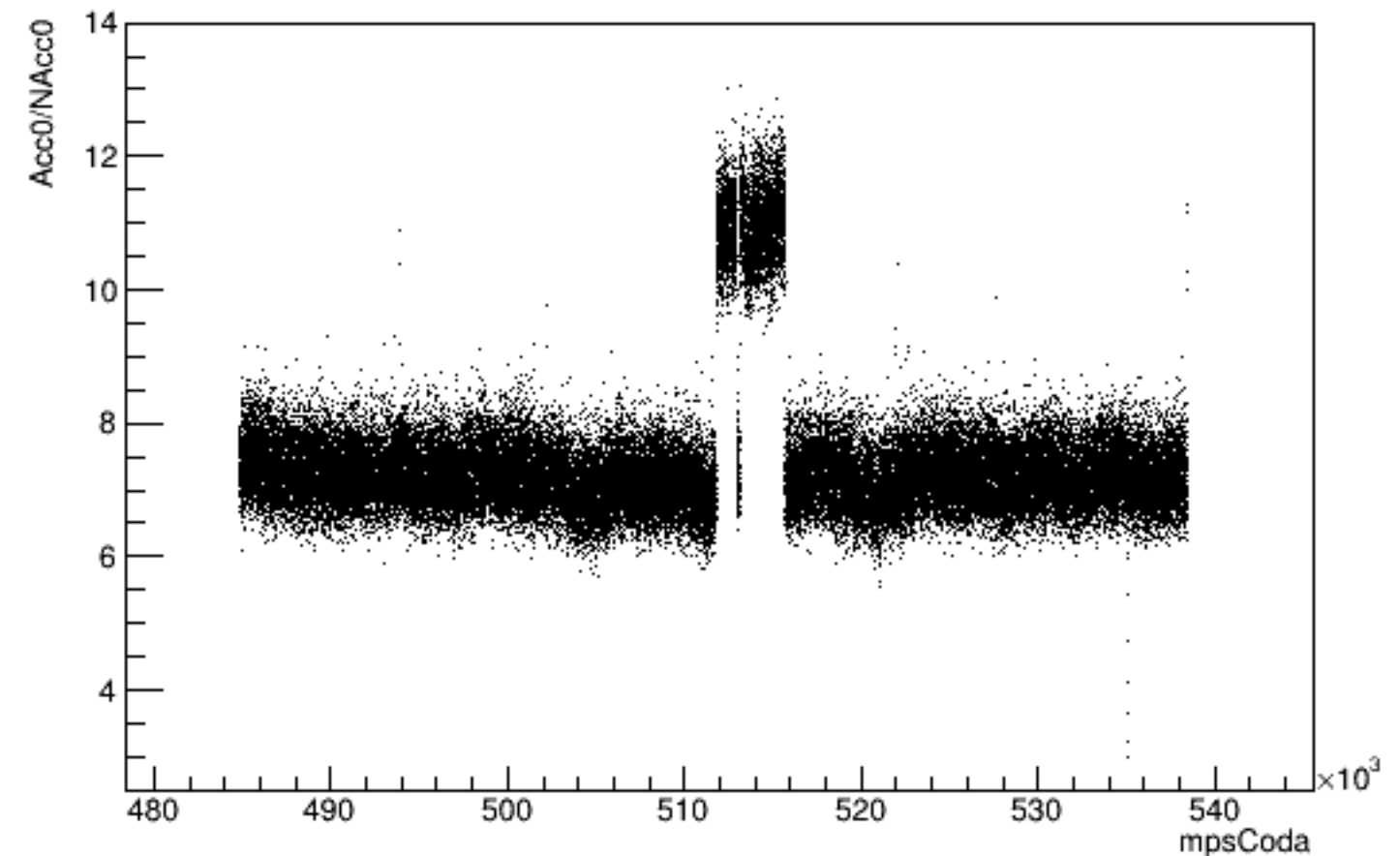
Mean: 0.0045 +/- 0.0007

Std Dev: 0.0367 +/- 0.0005

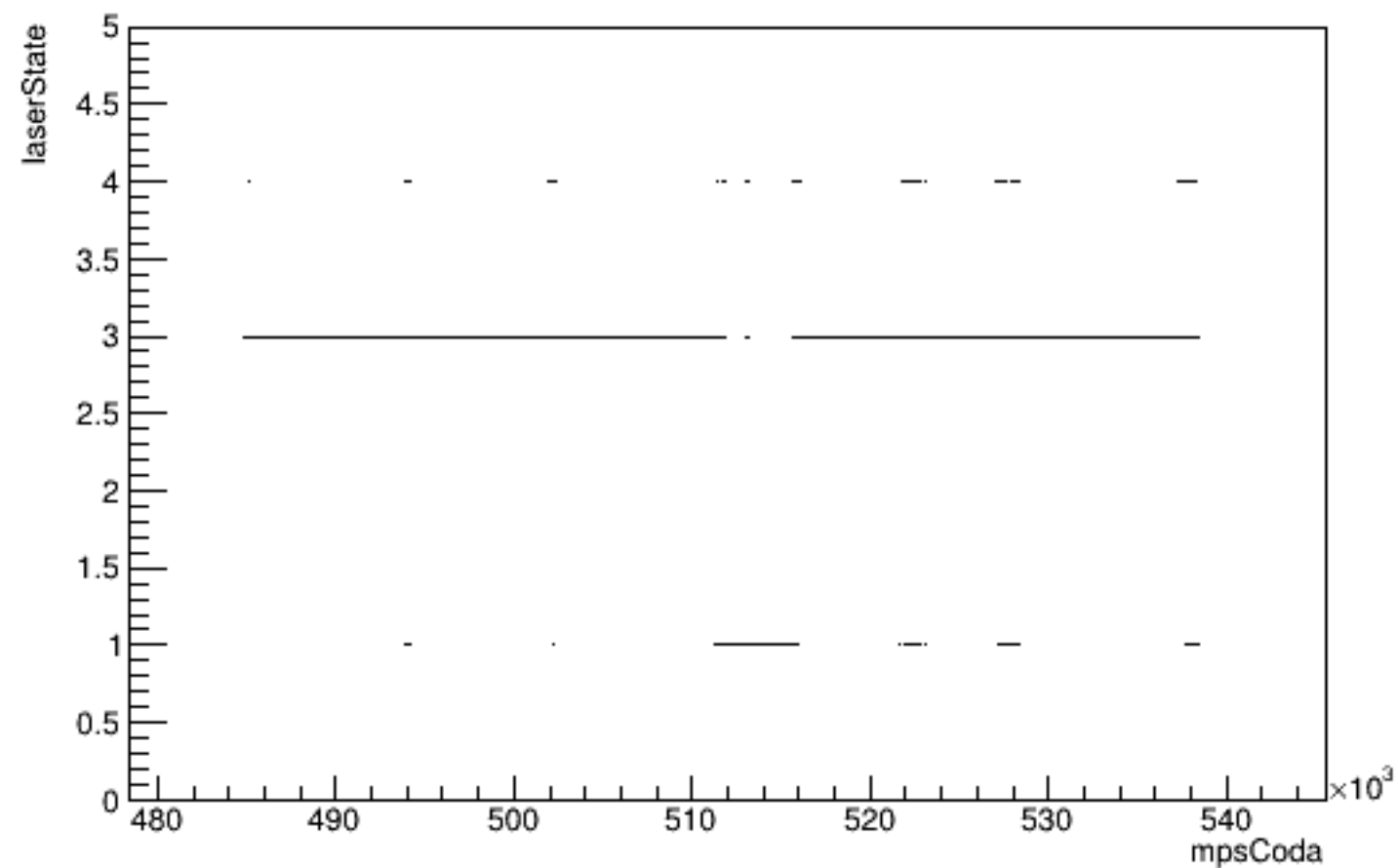
Run 4576 quartetwise, Asyms



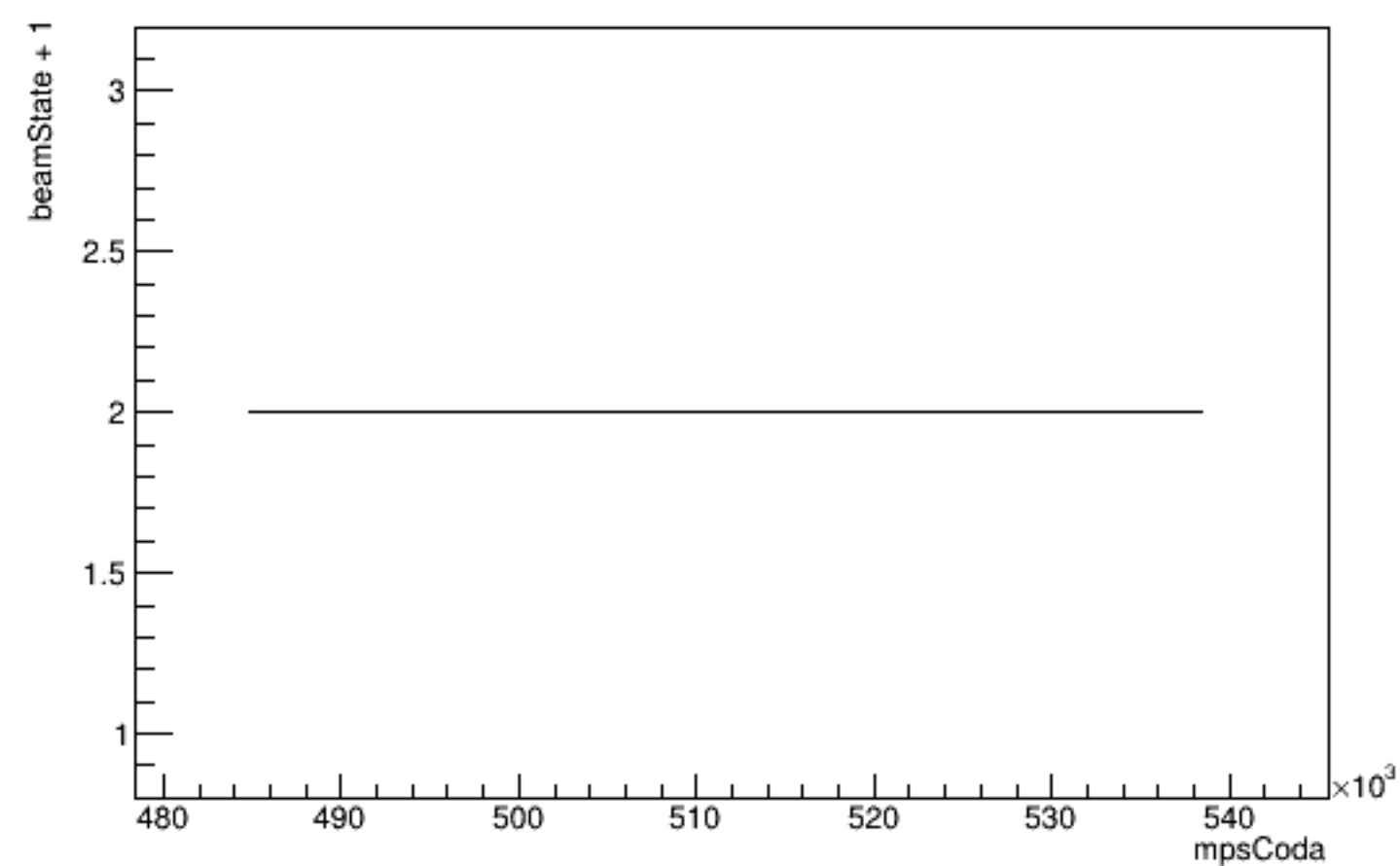
Acc0/NAcc0:mpsCoda {mpsCoda>=484849 && mpsCoda<=538400 && beamState==1}



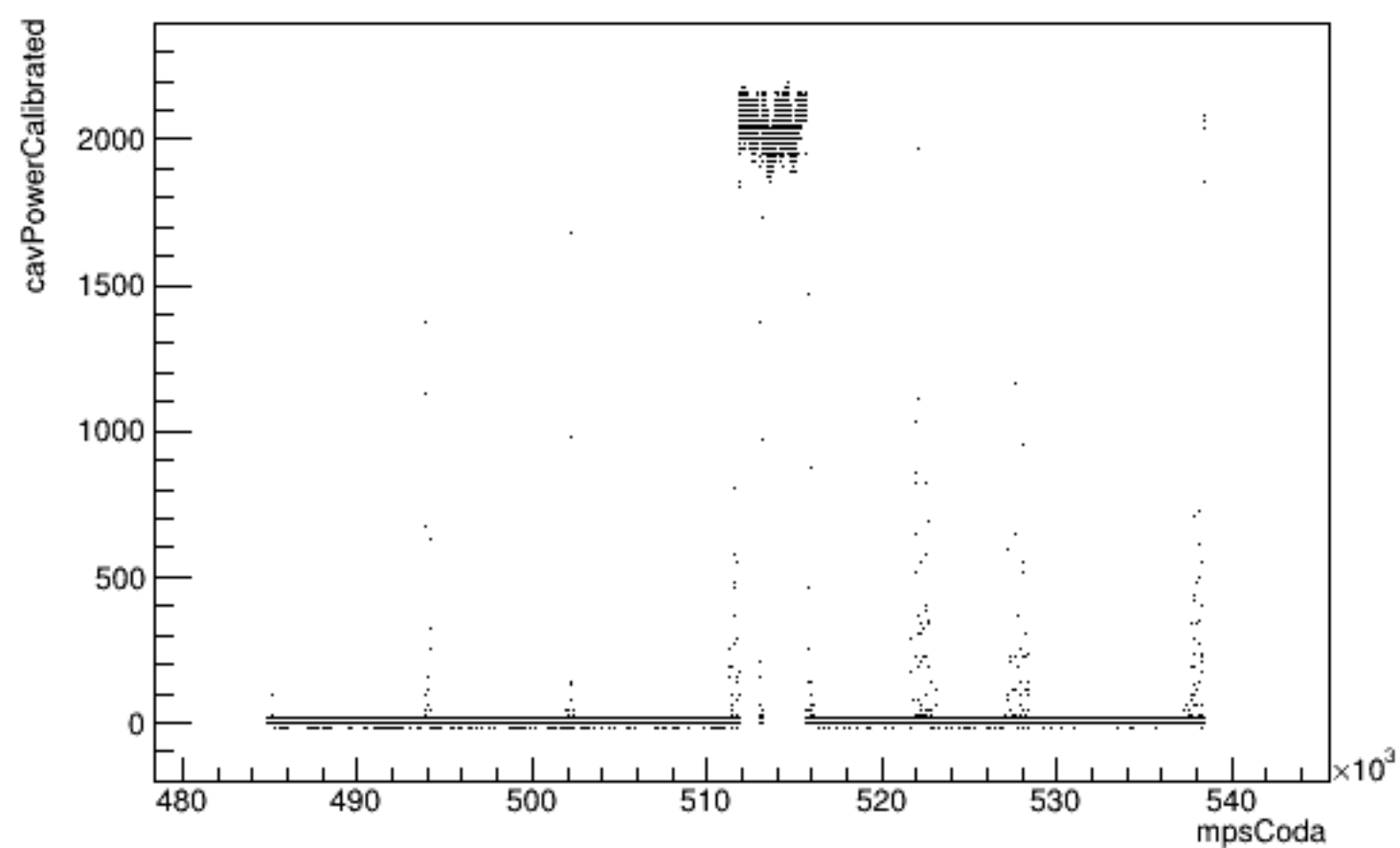
laserState:mpsCoda {mpsCoda>=484849 && mpsCoda<=538400}



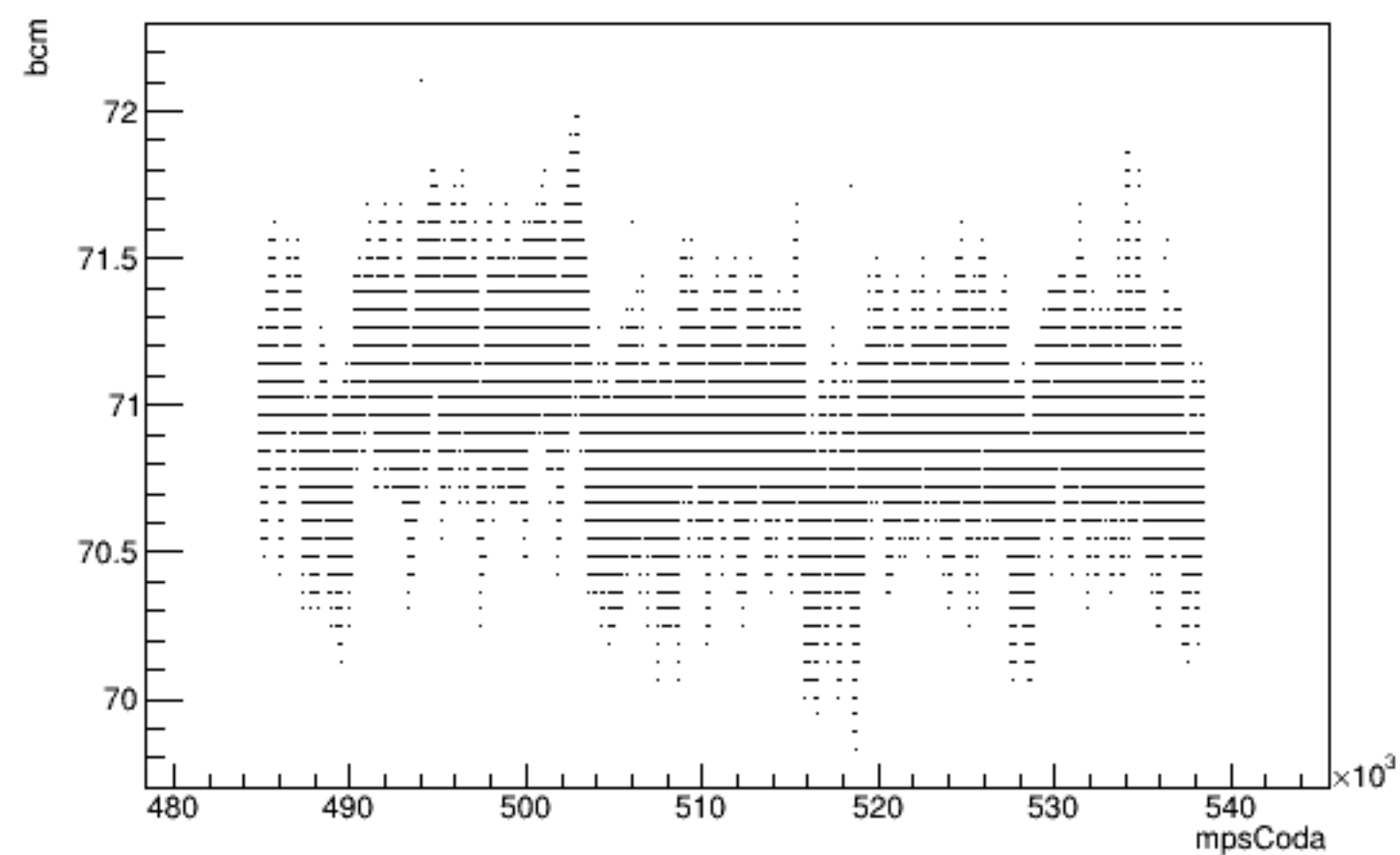
beamState + 1:mpsCoda {mpsCoda>=484849 && mpsCoda<=538400}



cavPowerCalibrated:mpsCoda {mpsCoda>=484849 && mpsCoda<=538400}



bcm:mpsCoda {mpsCoda>=484849 && mpsCoda<=538400}



Cycle 11, Diffs

Entries: 2733

Mean: 0.0341 +/- 0.0053

Std Dev: 0.2758 +/- 0.0037

Entries: 1315

Mean: 0.1350 +/- 0.0097

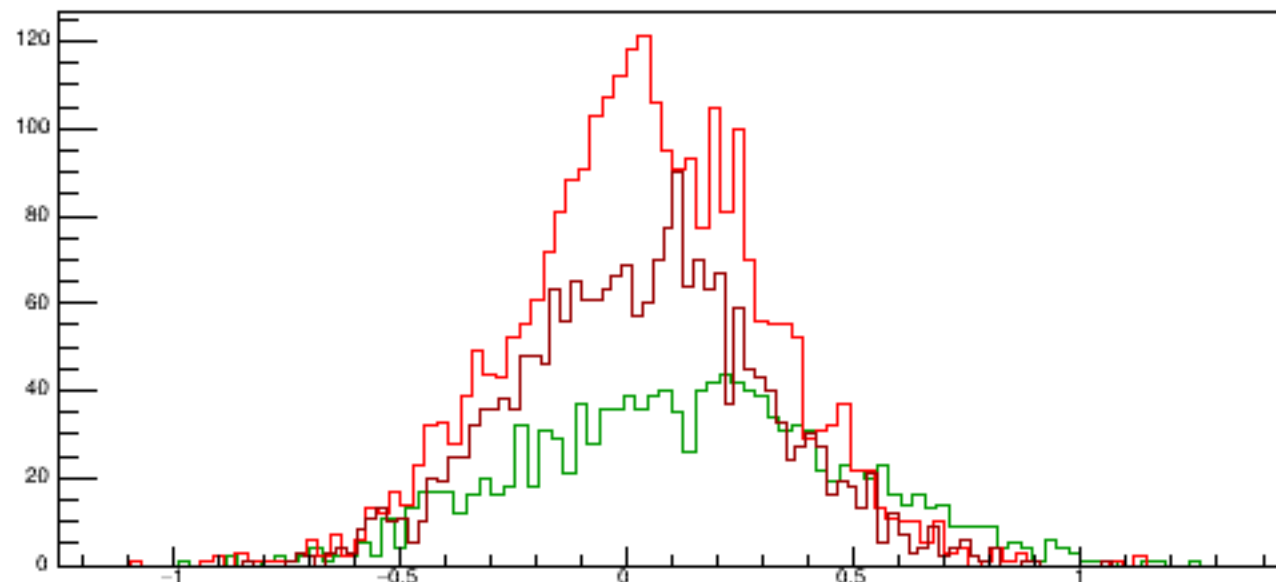
Std Dev: 0.3500 +/- 0.0068

Entries: 2130

Mean: 0.0333 +/- 0.0059

Std Dev: 0.2746 +/- 0.0042

Run 4576 quartetwise, Diffs



Cycle 11, Sums

Entries: 2733

Mean: 14.3912 +/- 0.0070

Std Dev: 0.3677 +/- 0.0050

Entries: 1315

Mean: 21.9999 +/- 0.0118

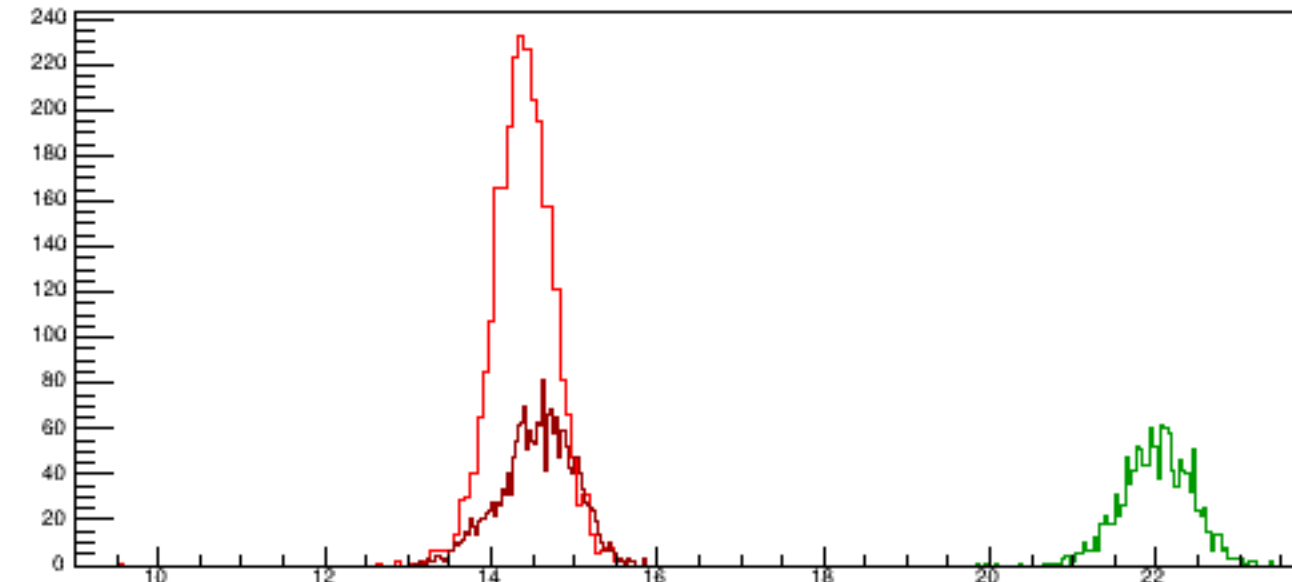
Std Dev: 0.4289 +/- 0.0084

Entries: 2130

Mean: 14.5513 +/- 0.0097

Std Dev: 0.4455 +/- 0.0068

Run 4576 quartetwise, Sums



Cycle 11, Asyms

Entries: 2733

Mean: 0.0045 +/- 0.0007

Std Dev: 0.0366 +/- 0.0005

Entries: 1315

Mean: 0.0180 +/- 0.0013

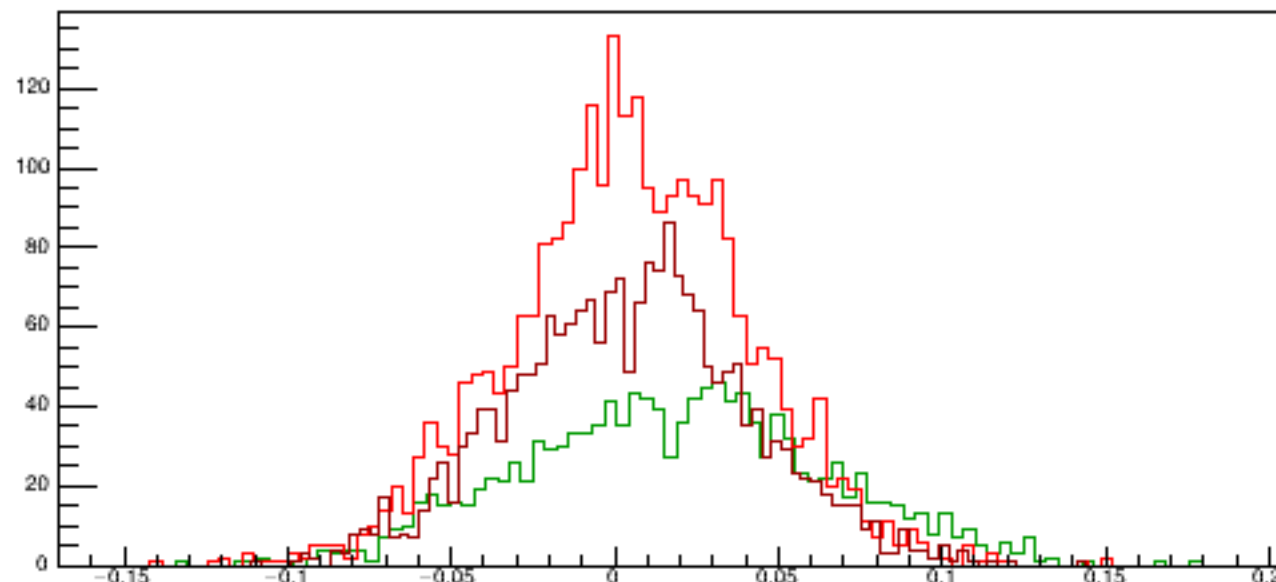
Std Dev: 0.0466 +/- 0.0009

Entries: 2130

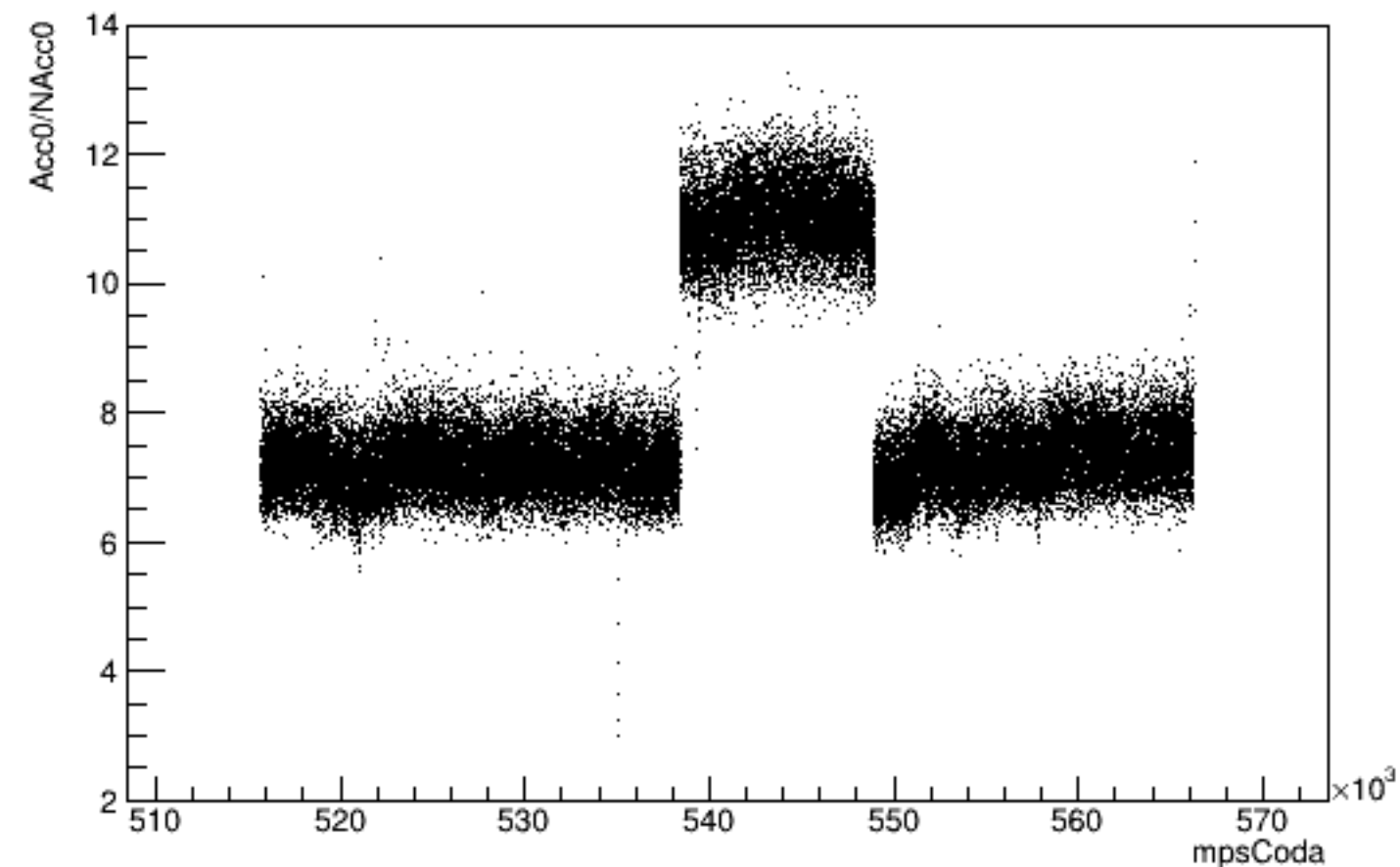
Mean: 0.0044 +/- 0.0008

Std Dev: 0.0365 +/- 0.0006

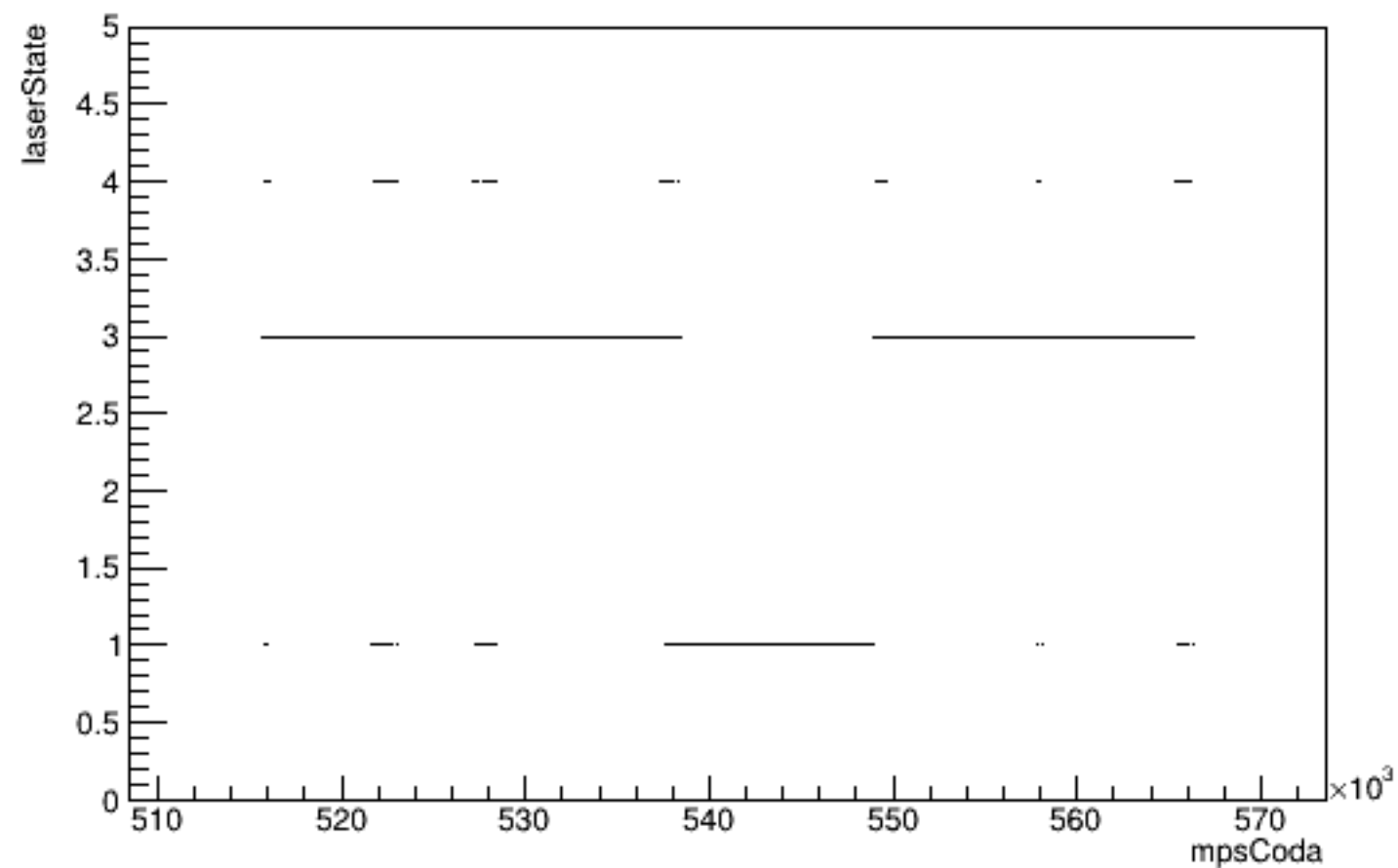
Run 4576 quartetwise, Asyms



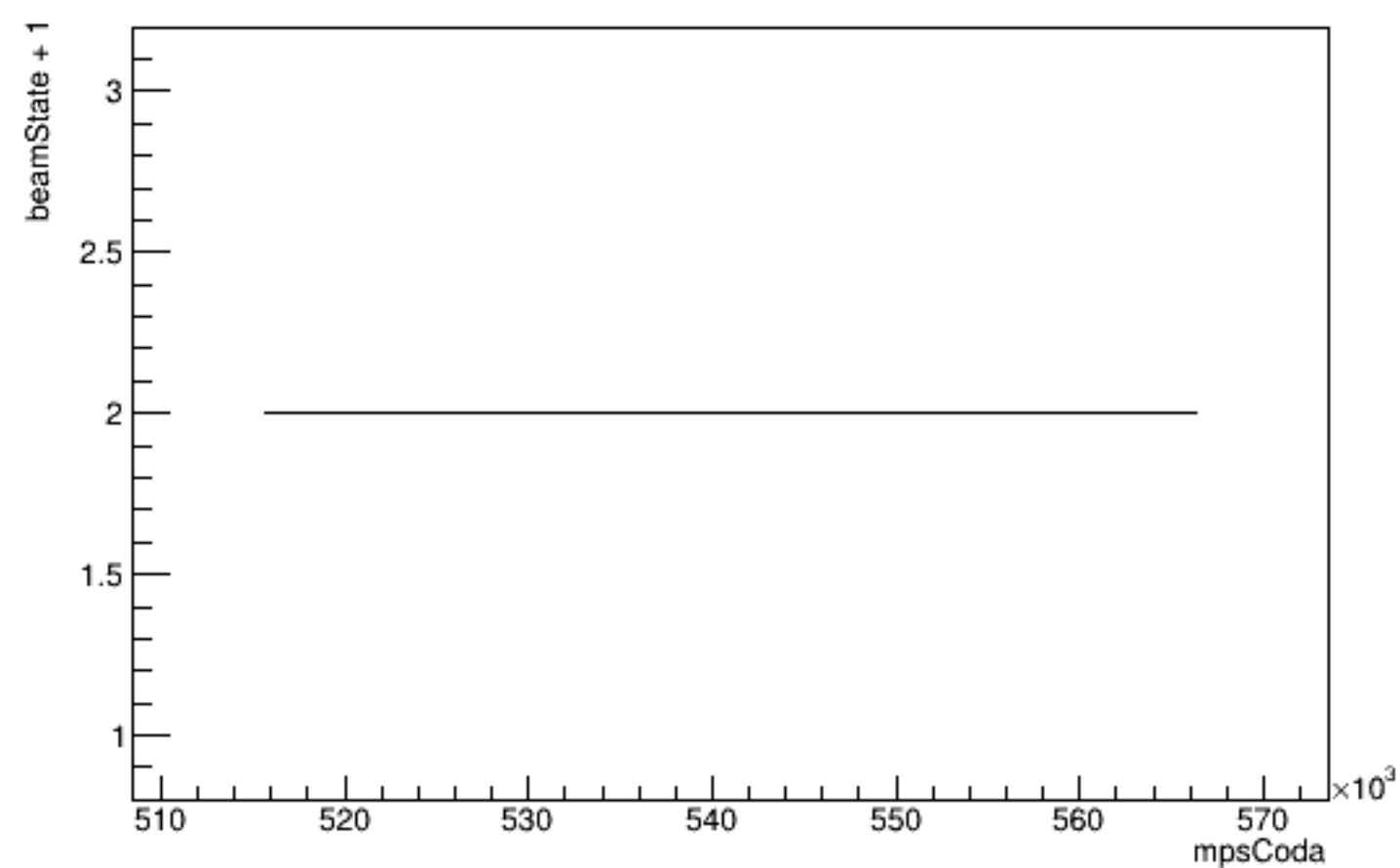
Acc0/NAcc0:mpsCoda {mpsCoda>=515705 && mpsCoda<=566264 && beamState==1}



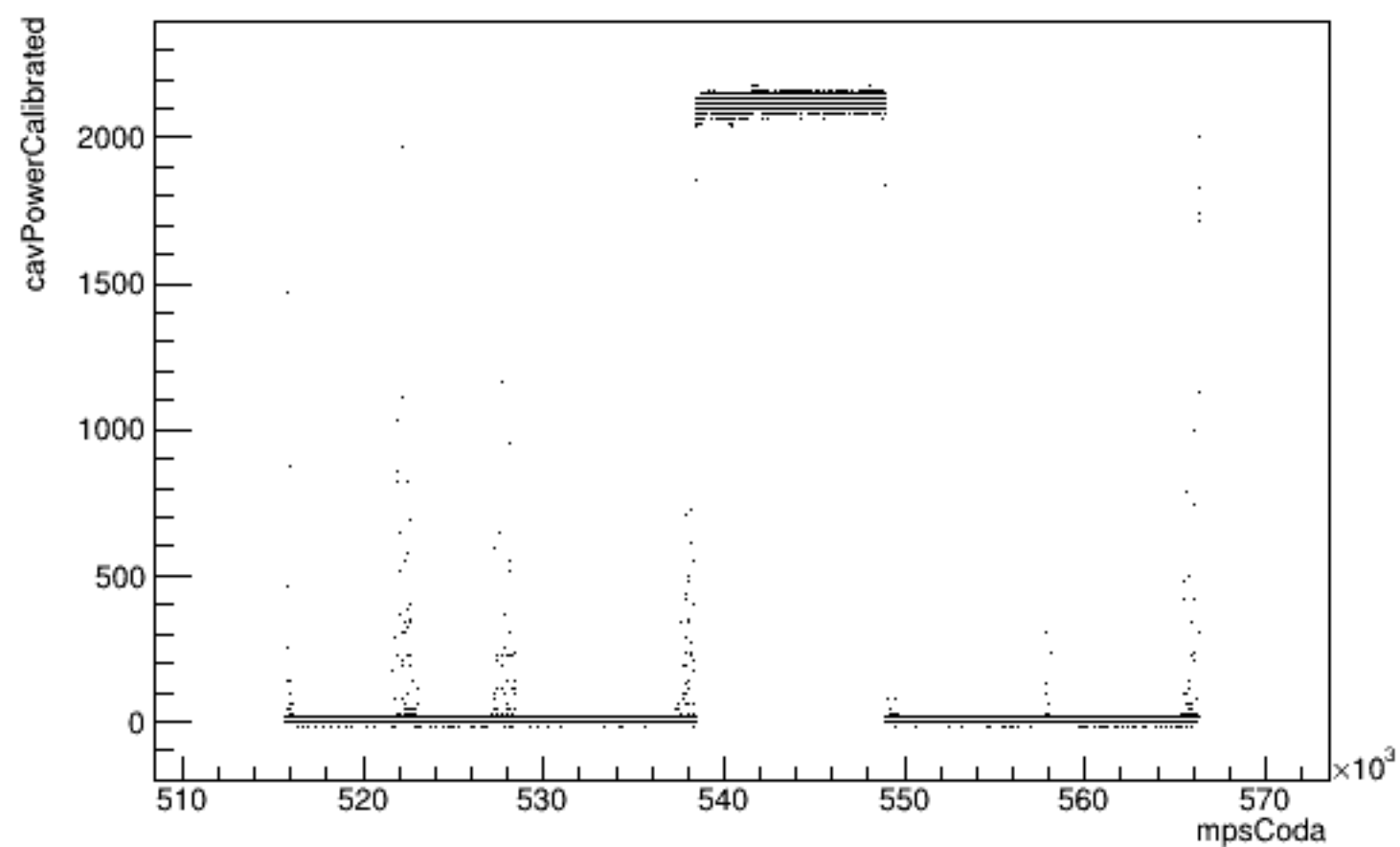
laserState:mpsCoda {mpsCoda>=515705 && mpsCoda<=566264}



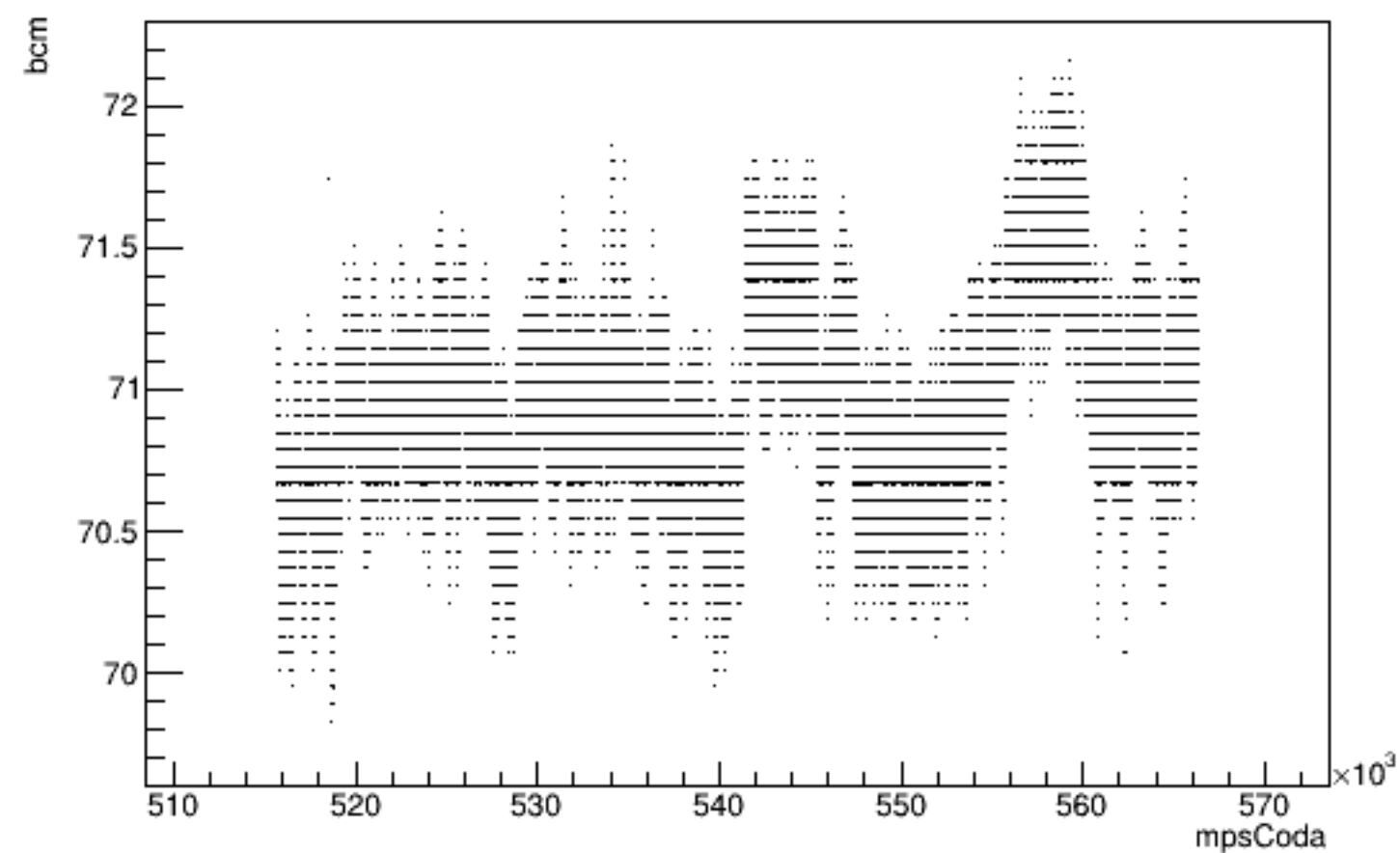
beamState + 1:mpsCoda {mpsCoda>=515705 && mpsCoda<=566264}



cavPowerCalibrated:mpsCoda {mpsCoda>=515705 && mpsCoda<=566264}



bcm:mpsCoda {mpsCoda>=515705 && mpsCoda<=566264}



Cycle 12, Diffs

Entries: 2130

Mean: 0.0333 +/- 0.0059

Std Dev: 0.2746 +/- 0.0042

Entries: 4689

Mean: 0.1454 +/- 0.0049

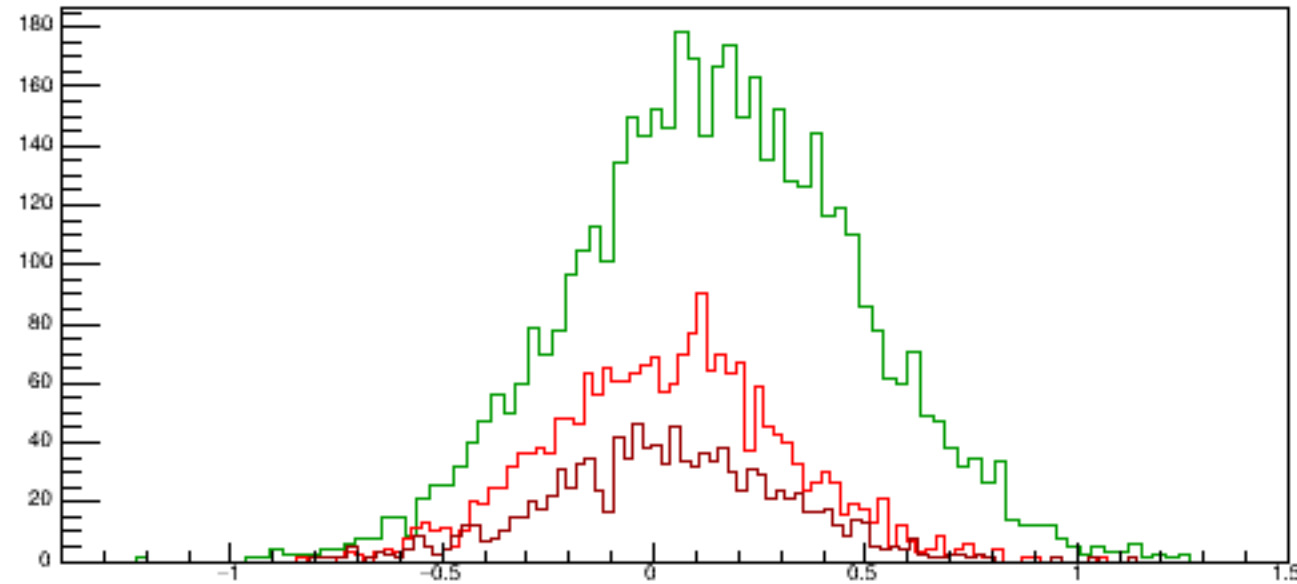
Std Dev: 0.3358 +/- 0.0035

Entries: 1149

Mean: 0.0330 +/- 0.0082

Std Dev: 0.2791 +/- 0.0058

Run 4576 quartetwise, Diffs



Cycle 12, Sums

Entries: 2130

Mean: 14.5513 +/- 0.0097

Std Dev: 0.4455 +/- 0.0068

Entries: 4689

Mean: 22.6605 +/- 0.0063

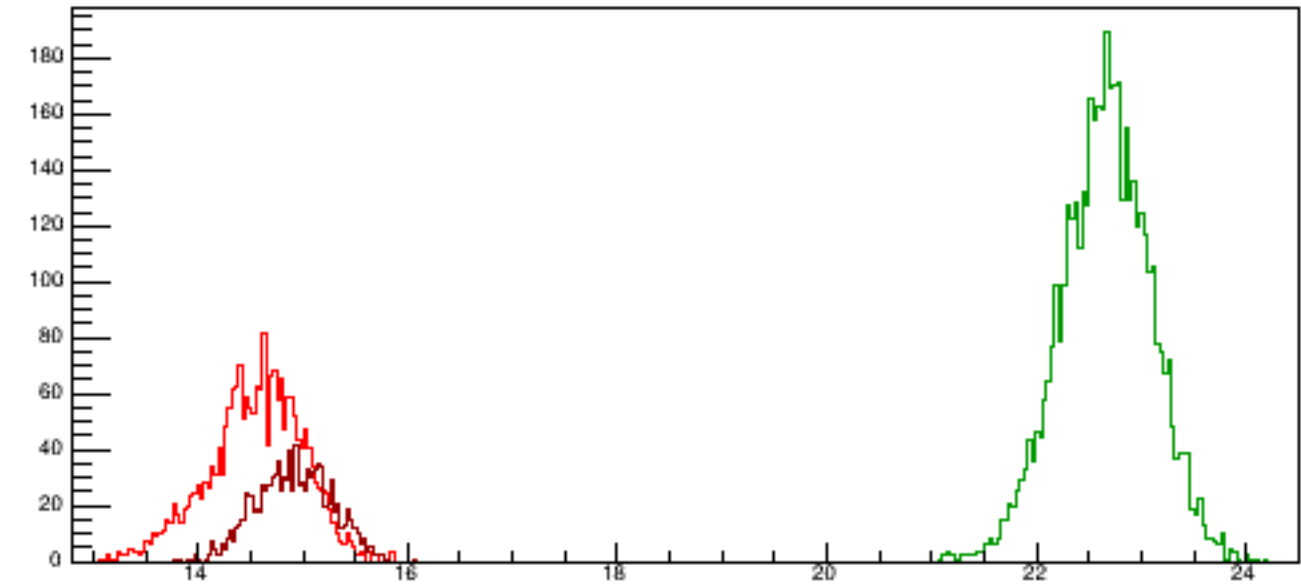
Std Dev: 0.4294 +/- 0.0044

Entries: 1149

Mean: 14.9198 +/- 0.0105

Std Dev: 0.3560 +/- 0.0074

Run 4576 quartetwise, Sums



Cycle 12, Asyms

Entries: 2130

Mean: 0.0042 +/- 0.0008

Std Dev: 0.0346 +/- 0.0005

Entries: 4689

Mean: 0.0184 +/- 0.0006

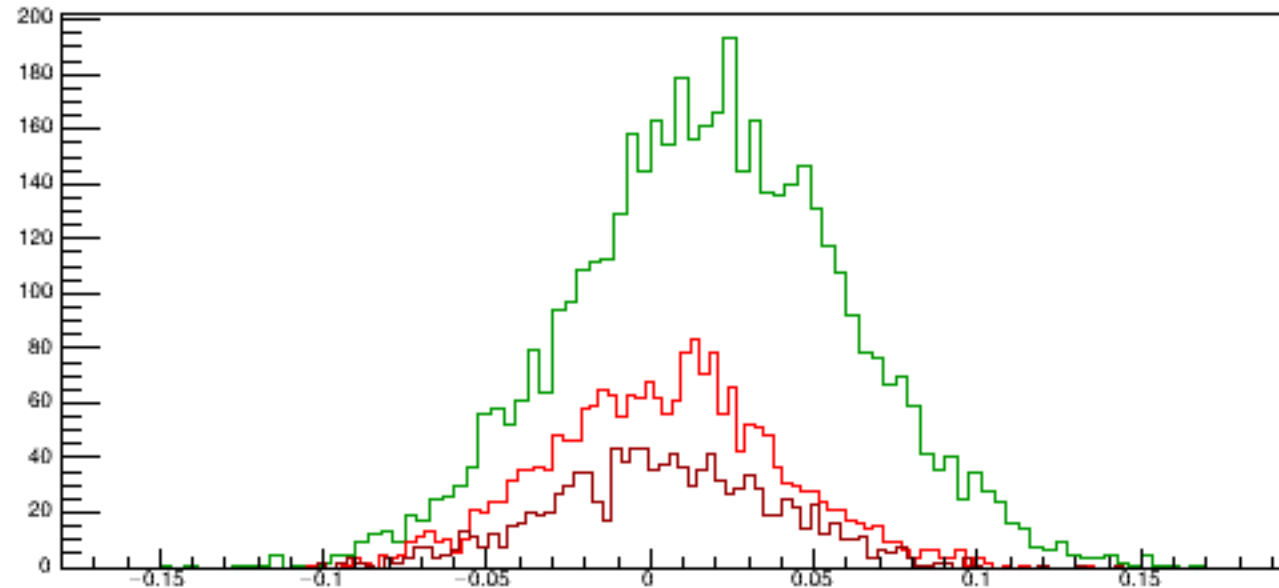
Std Dev: 0.0425 +/- 0.0004

Entries: 1149

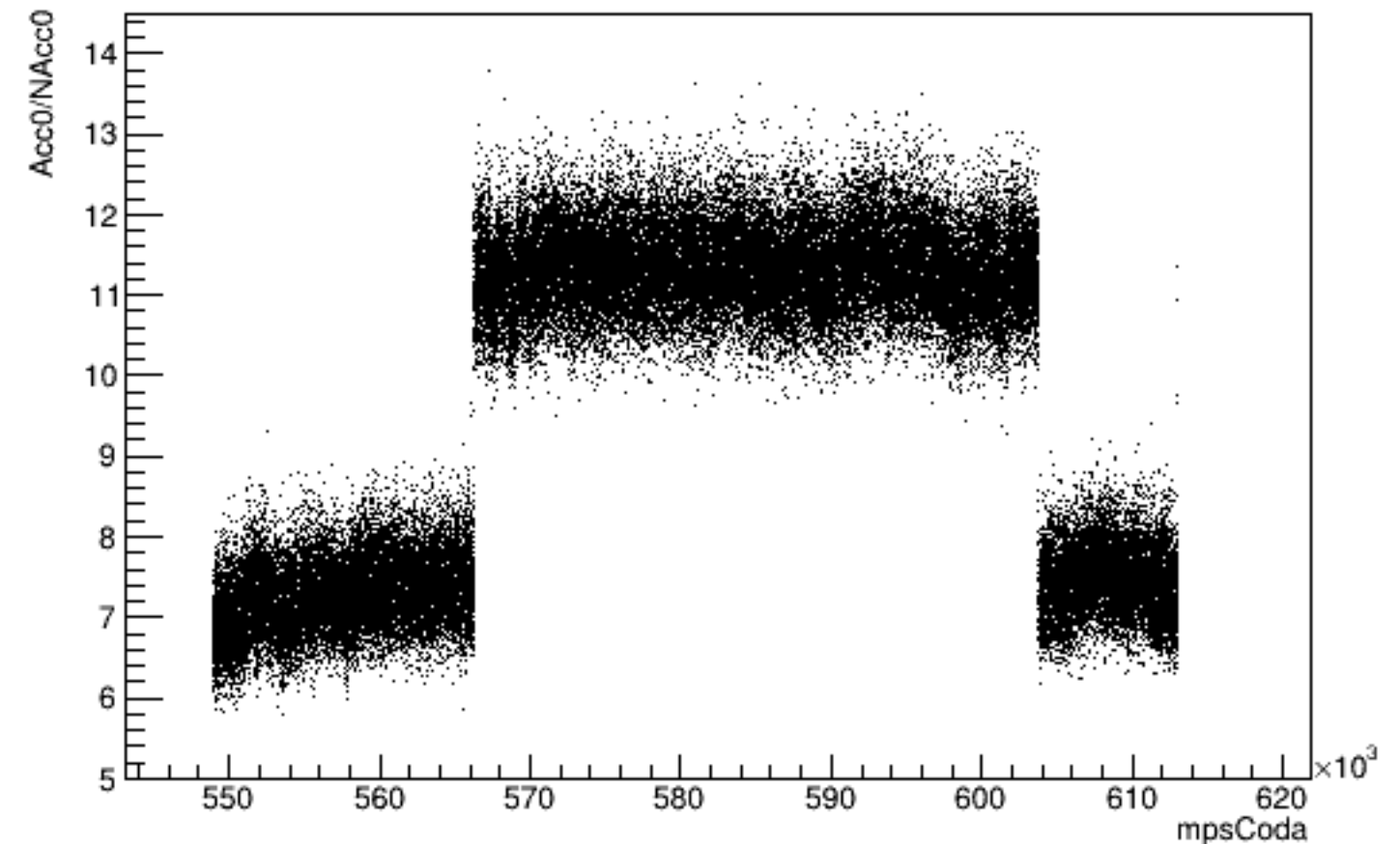
Mean: 0.0042 +/- 0.0010

Std Dev: 0.0352 +/- 0.0007

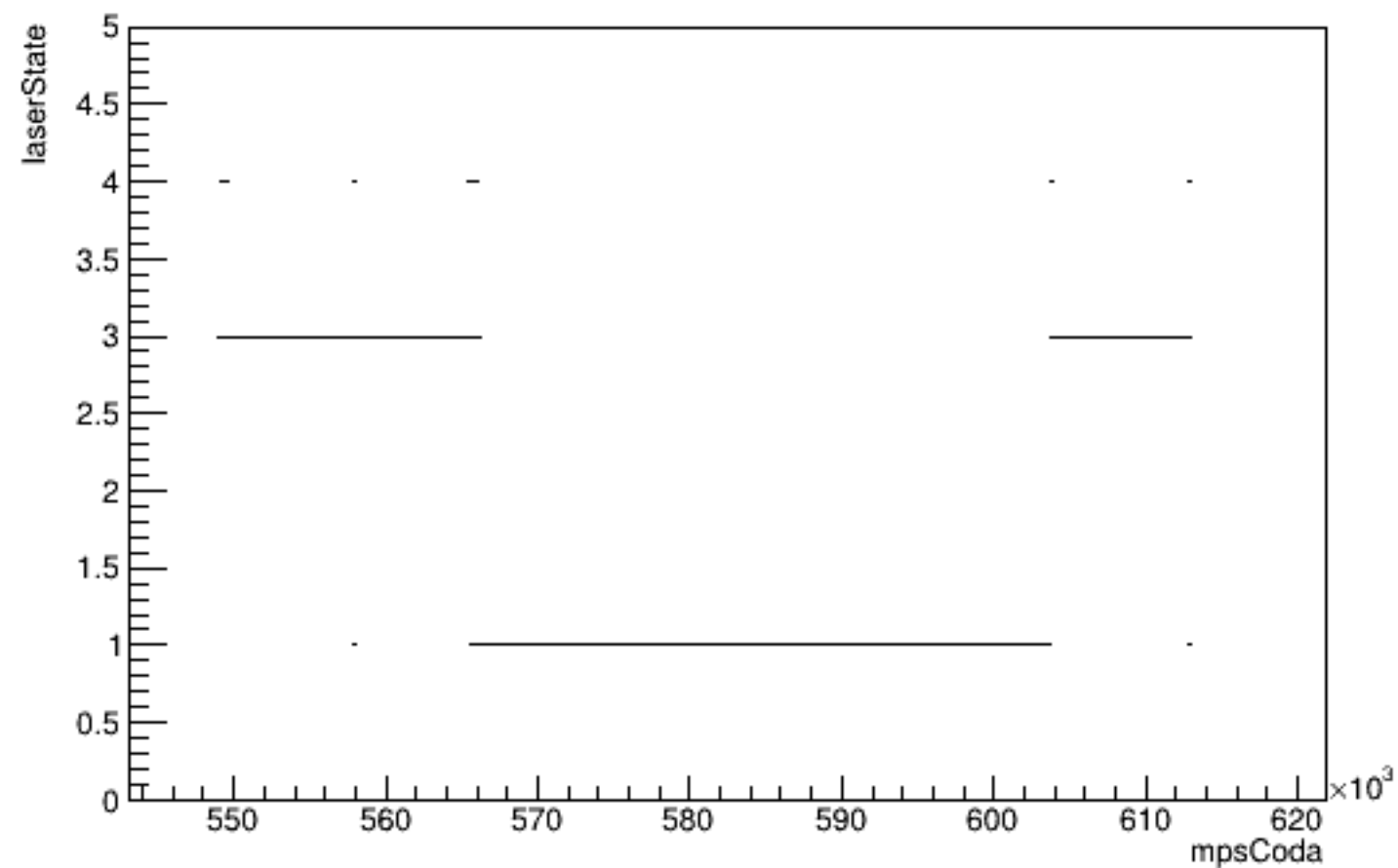
Run 4576 quartetwise, Asyms



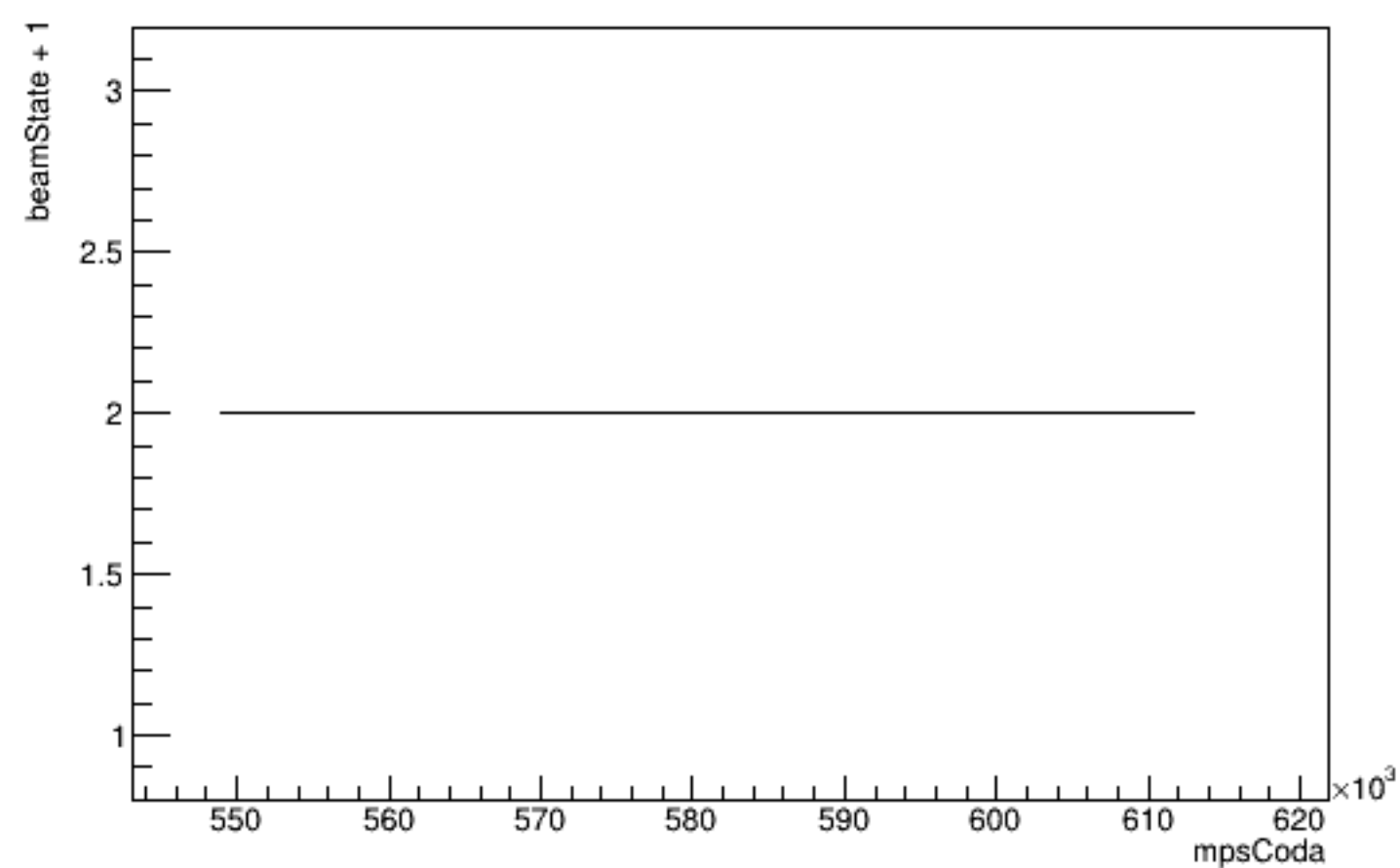
Acc0/NAcc0:mpsCoda {mpsCoda>=548929 && mpsCoda<=613048 && beamState==1}



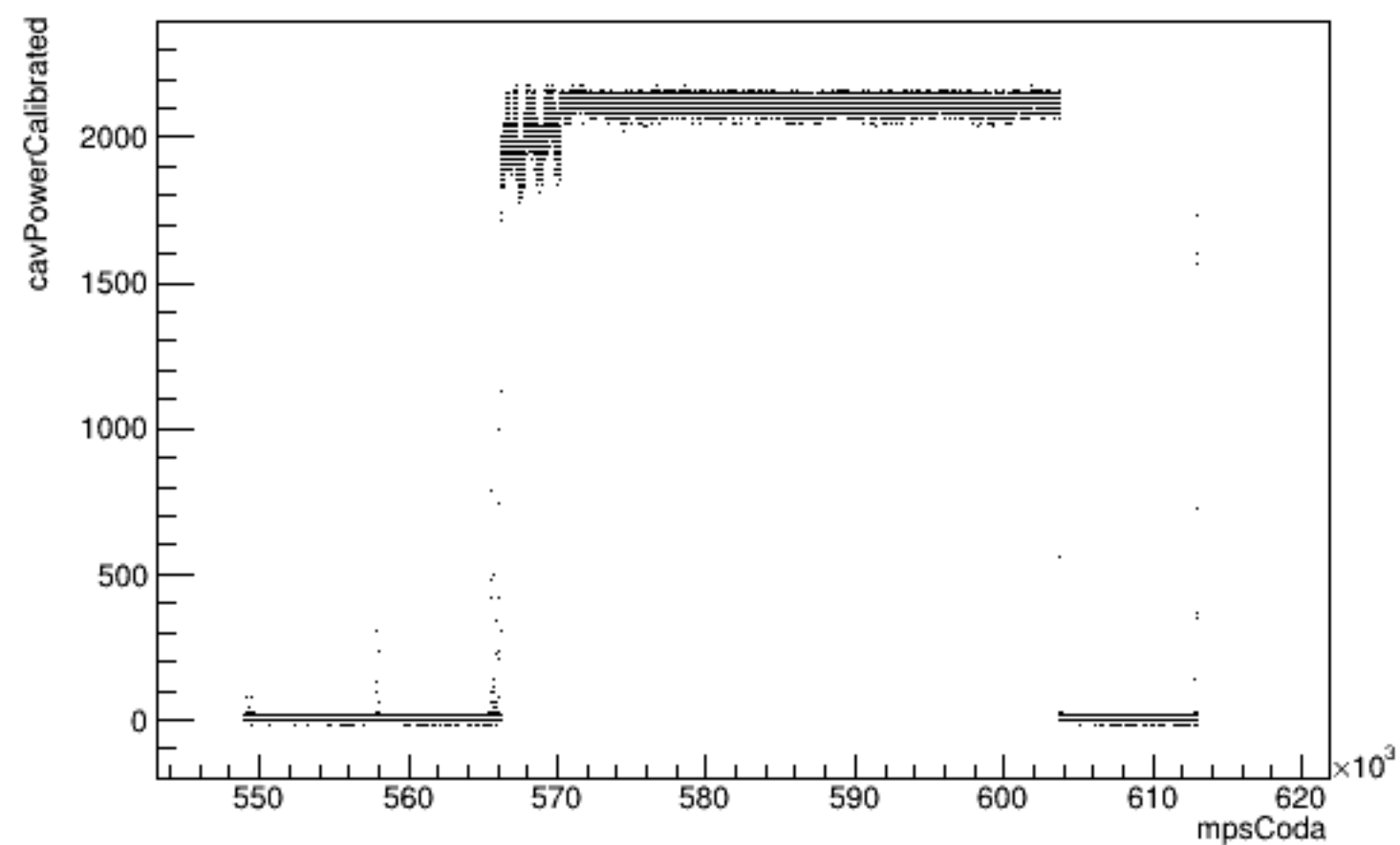
laserState:mpsCoda {mpsCoda>=548929 && mpsCoda<=613048}



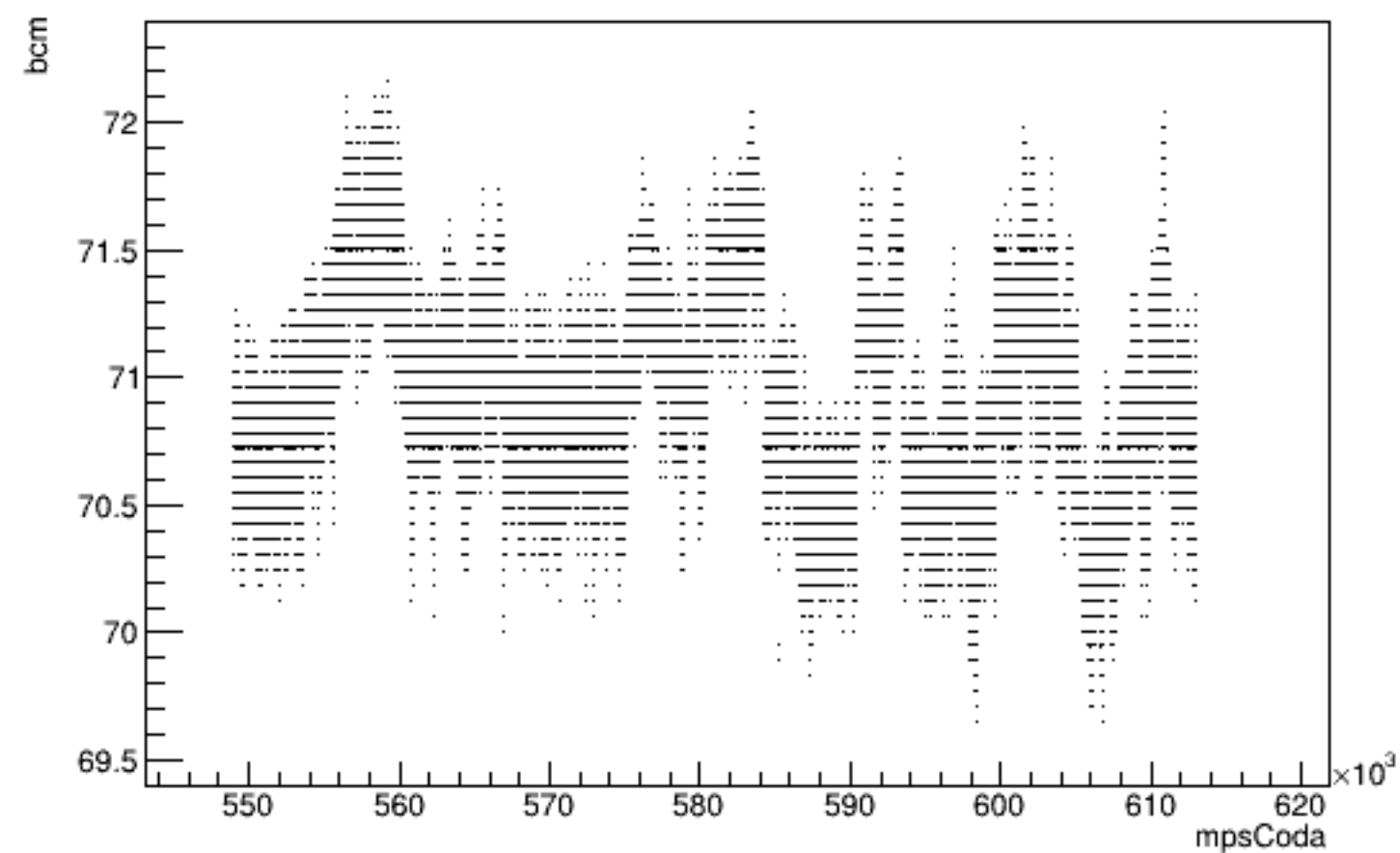
beamState + 1:mpsCoda {mpsCoda>=548929 && mpsCoda<=613048}



cavPowerCalibrated:mpsCoda {mpsCoda>=548929 && mpsCoda<=613048}



bcm:mpsCoda {mpsCoda>=548929 && mpsCoda<=613048}



Cycle 13, Diffs

Entries: 1149

Mean: 0.0330 +/- 0.0082

Std Dev: 0.2791 +/- 0.0058

Entries: 4606

Mean: 0.1339 +/- 0.0050

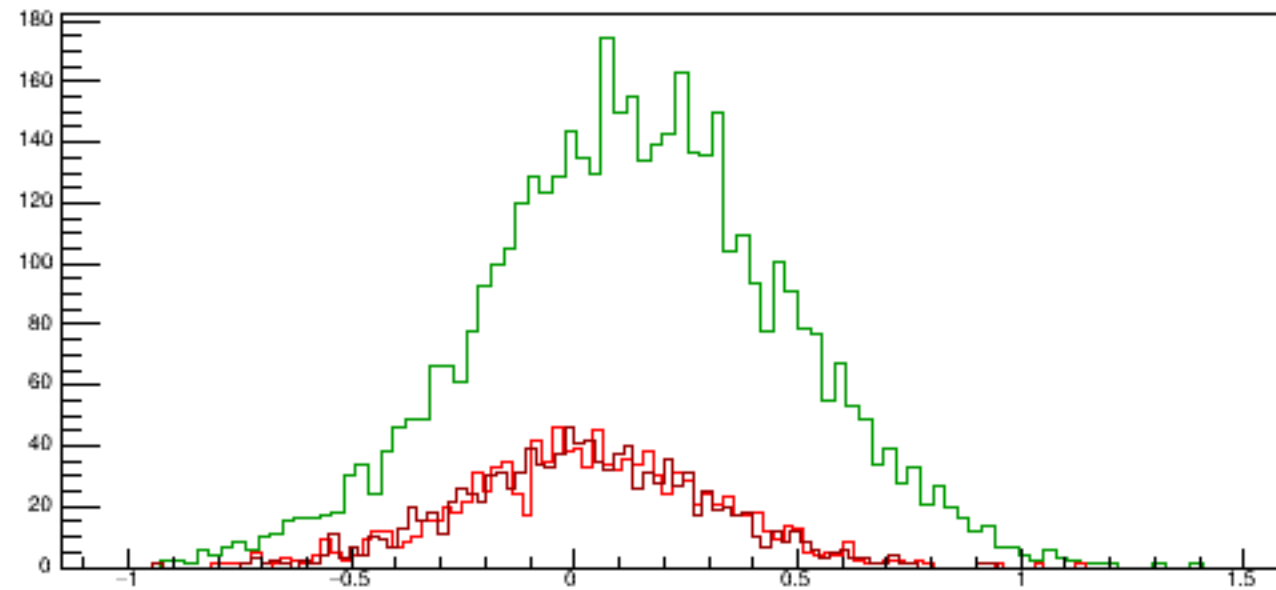
Std Dev: 0.3417 +/- 0.0036

Entries: 1160

Mean: 0.0225 +/- 0.0079

Std Dev: 0.2700 +/- 0.0056

Run 4576 quartetwise, Diffs



Cycle 13, Sums

Entries: 1149

Mean: 14.9198 +/- 0.0105

Std Dev: 0.3560 +/- 0.0074

Entries: 4606

Mean: 22.1025 +/- 0.0078

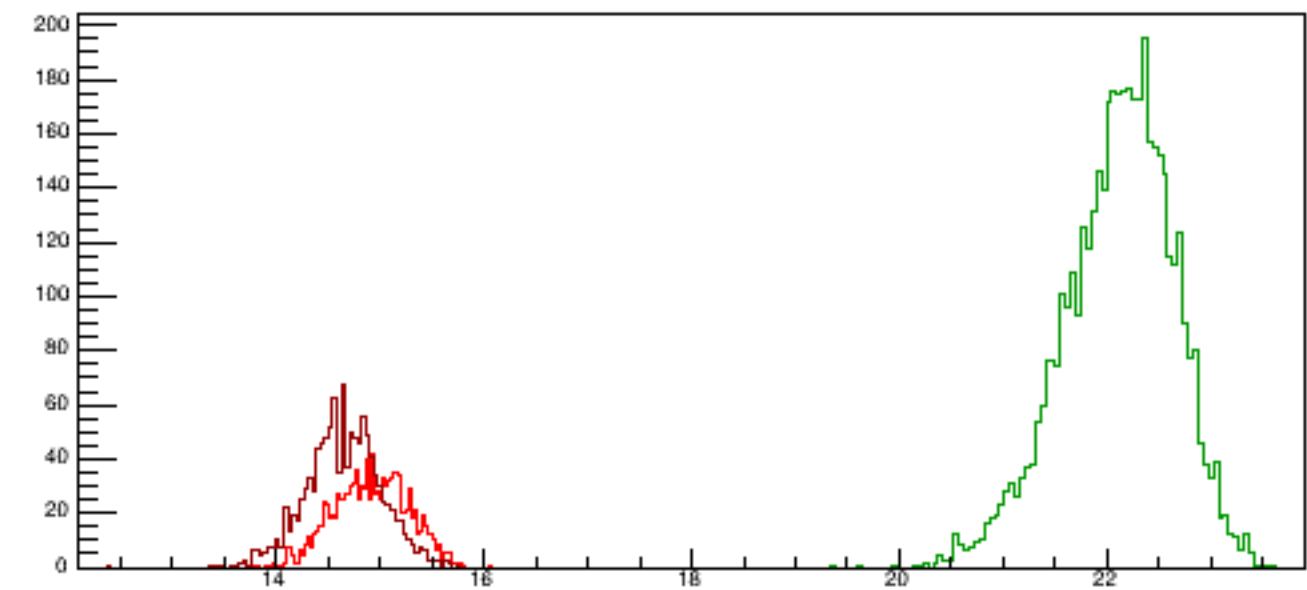
Std Dev: 0.5307 +/- 0.0055

Entries: 1160

Mean: 14.6529 +/- 0.0107

Std Dev: 0.3647 +/- 0.0076

Run 4576 quartetwise, Sums



Cycle 13, Asyms

Entries: 1149

Mean: 0.0045 +/- 0.0011

Std Dev: 0.0381 +/- 0.0008

Entries: 4606

Mean: 0.0184 +/- 0.0007

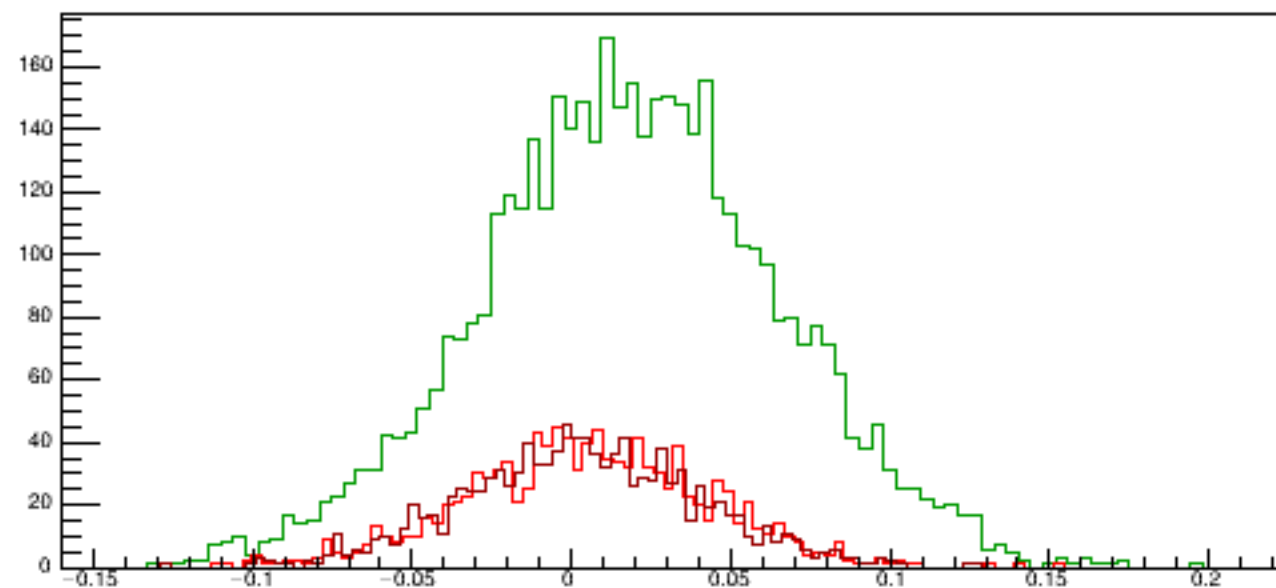
Std Dev: 0.0469 +/- 0.0005

Entries: 1160

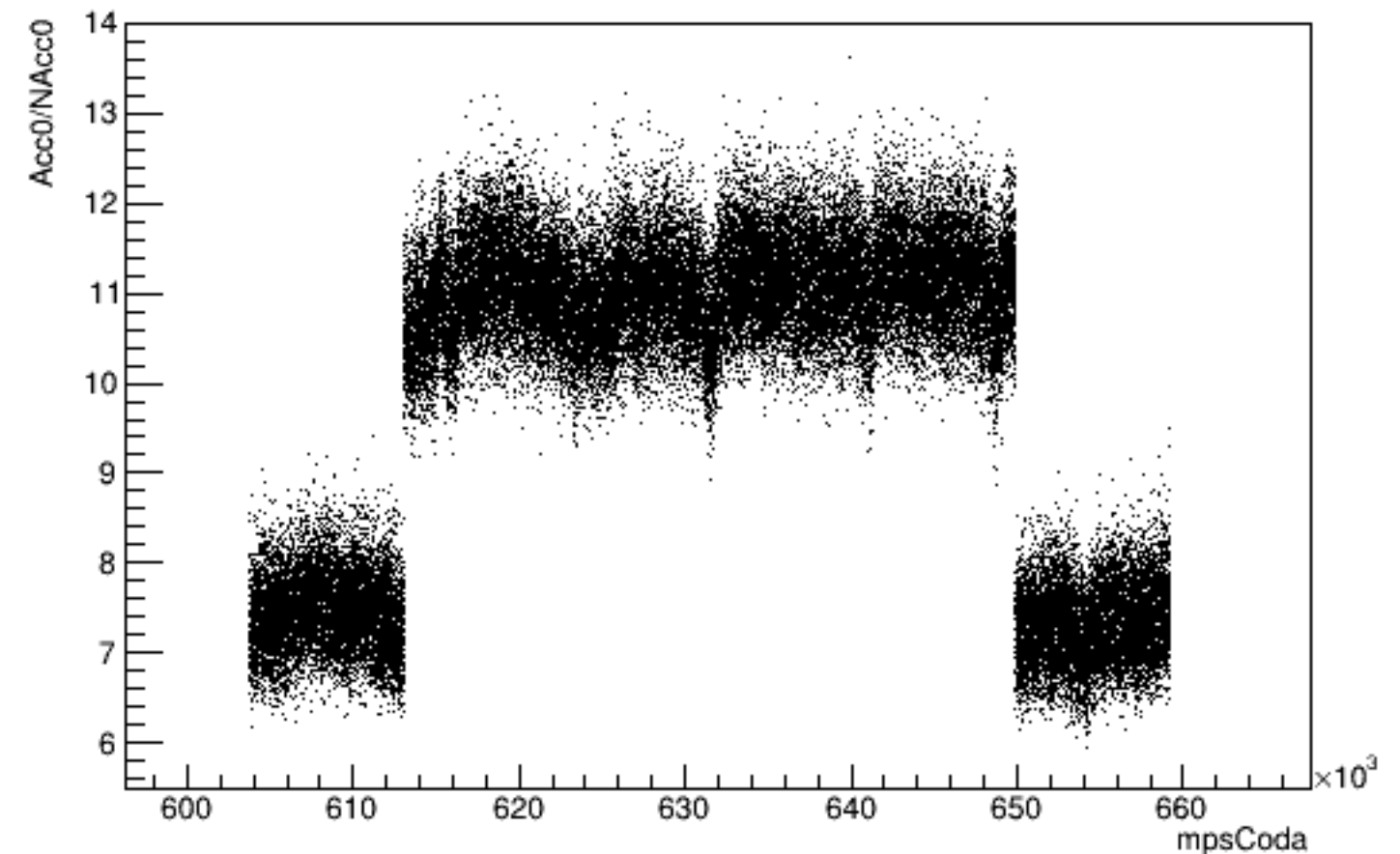
Mean: 0.0031 +/- 0.0011

Std Dev: 0.0369 +/- 0.0008

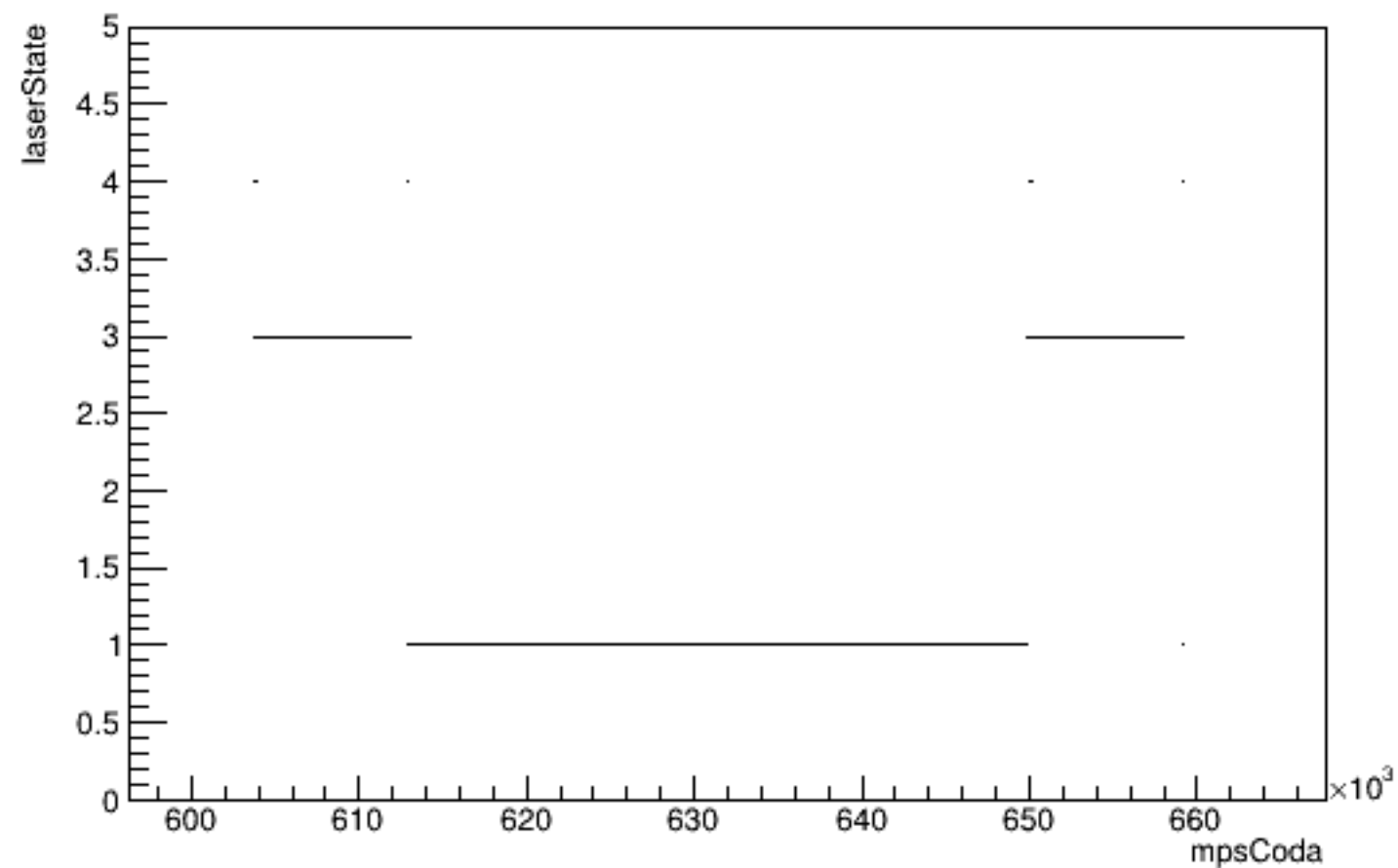
Run 4576 quartetwise, Asyms



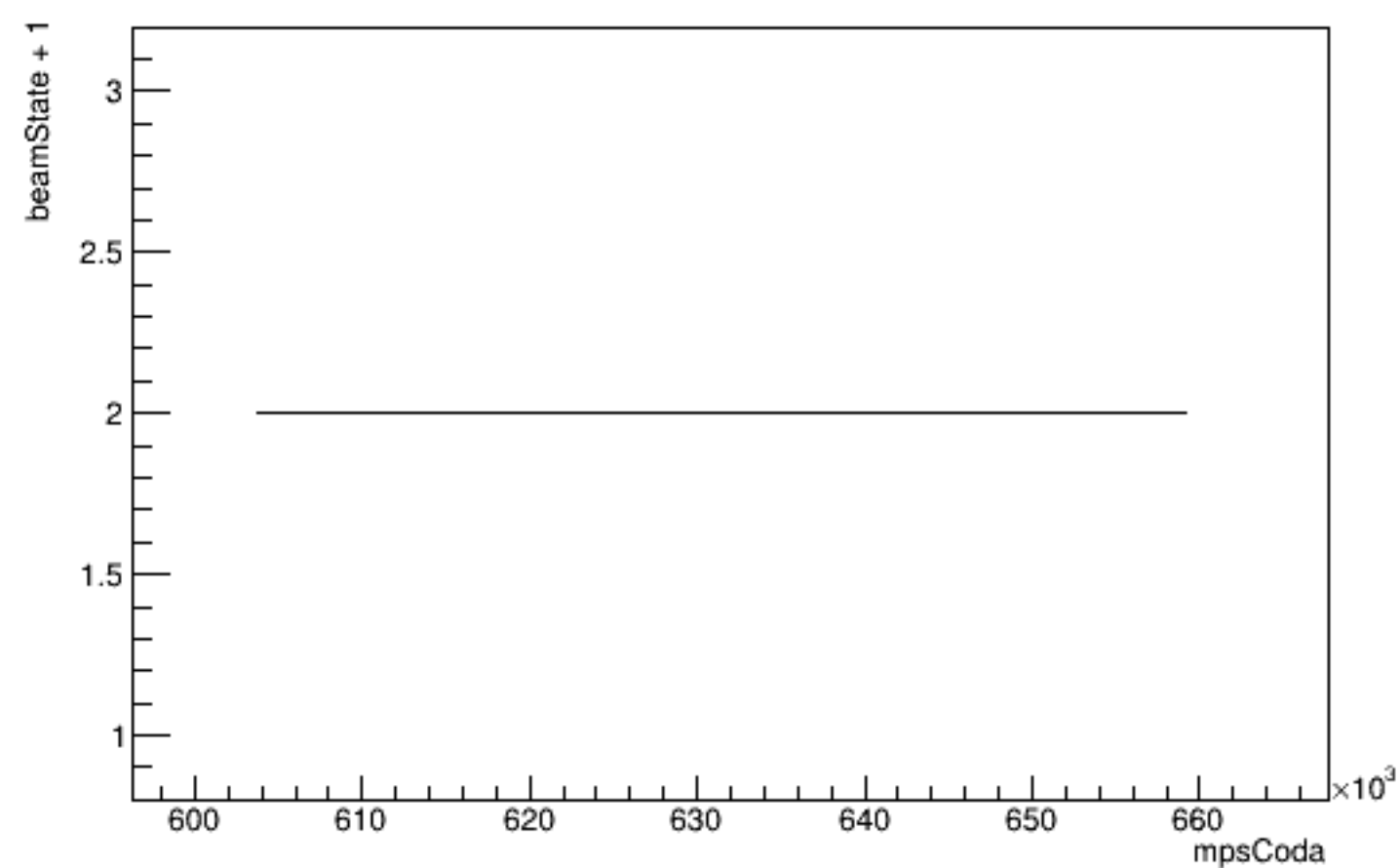
Acc0/NAcc0:mpsCoda {mpsCoda>=603785 && mpsCoda<=659224 && beamState==1}



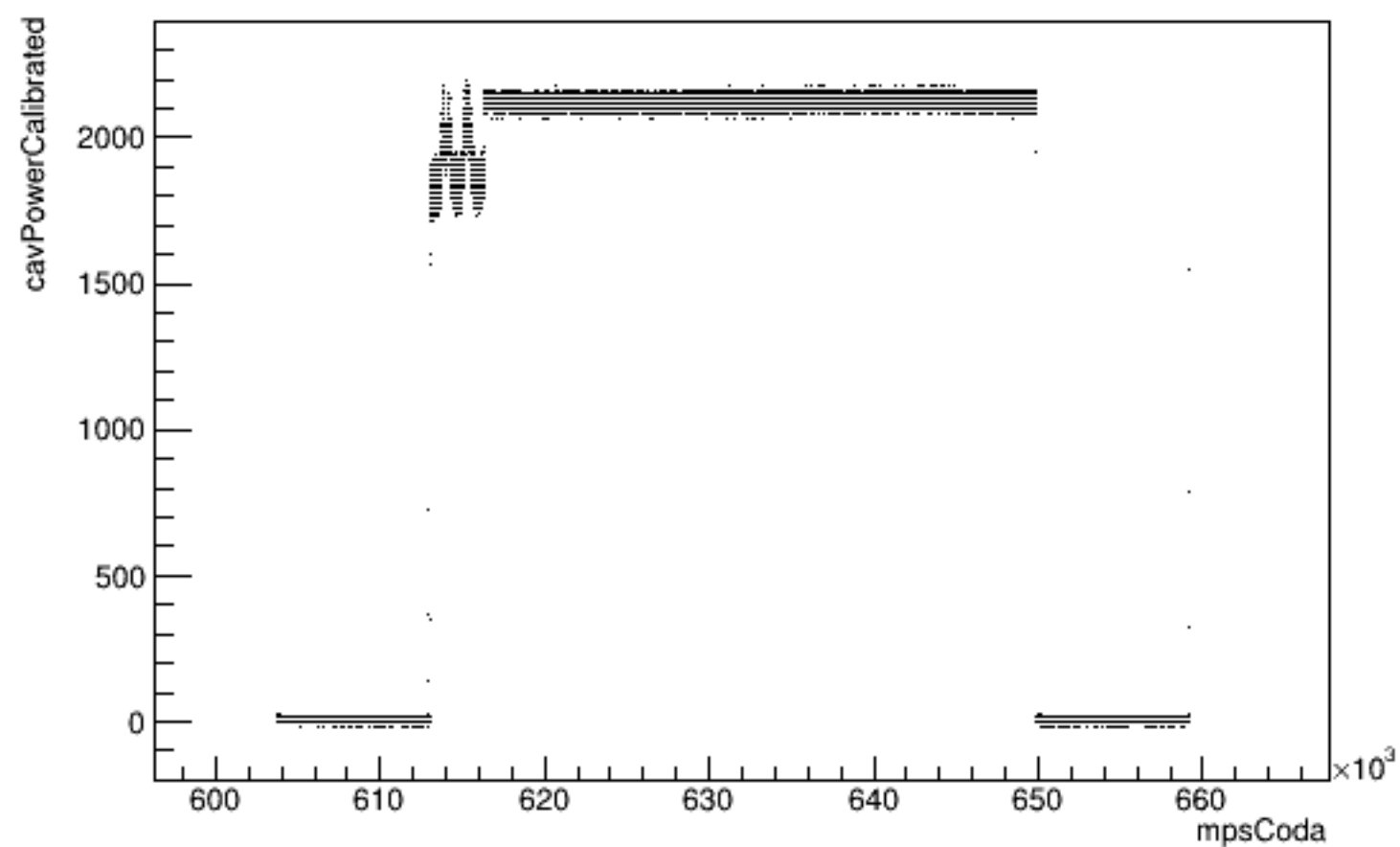
laserState:mpsCoda {mpsCoda>=603785 && mpsCoda<=659224}



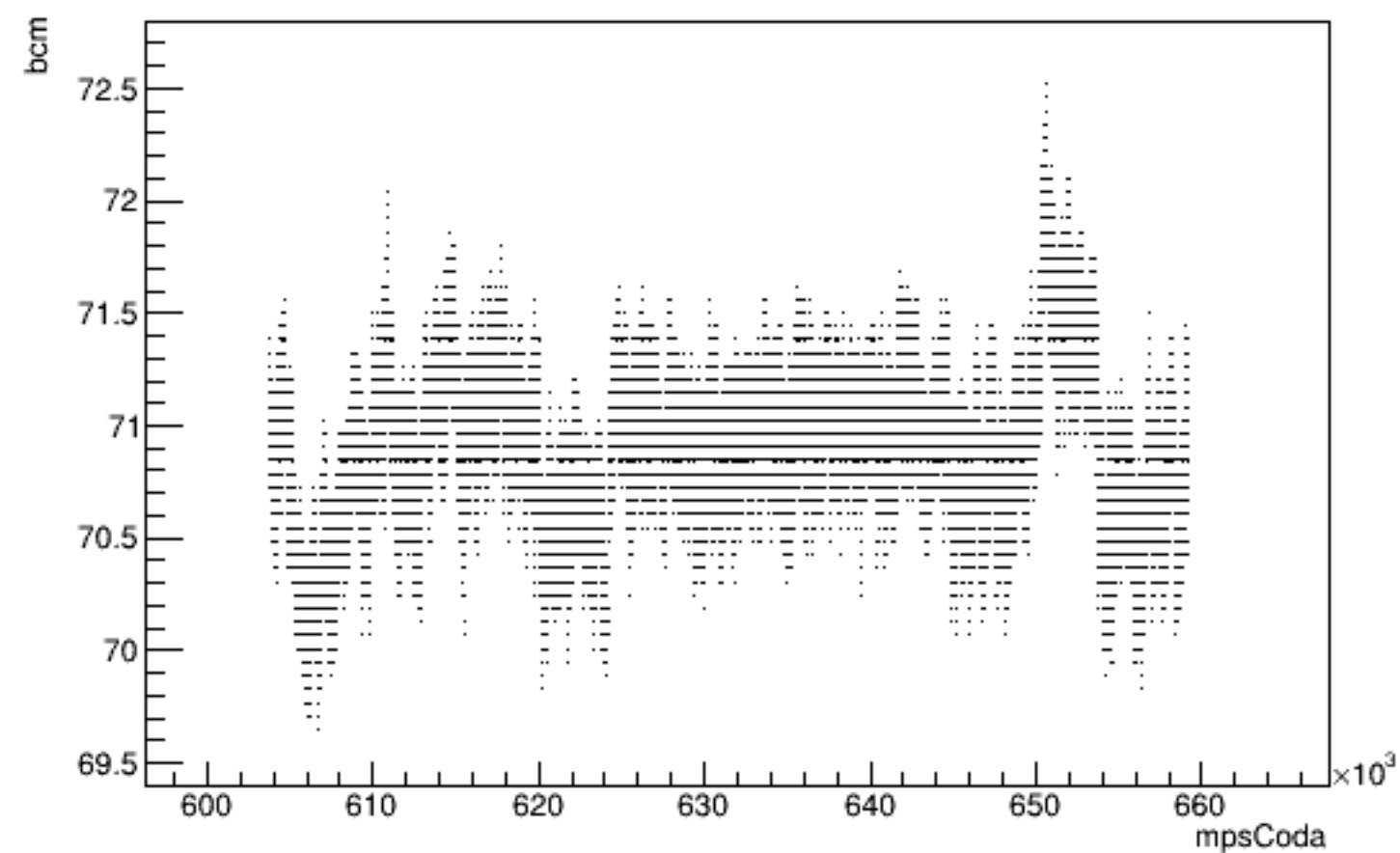
beamState + 1:mpsCoda {mpsCoda>=603785 && mpsCoda<=659224}



cavPowerCalibrated:mpsCoda {mpsCoda>=603785 && mpsCoda<=659224}



bcm:mpsCoda {mpsCoda>=603785 && mpsCoda<=659224}



Cycle 14, Diffs

Entries: 1160

Mean: 0.0225 +/- 0.0079

Std Dev: 0.2700 +/- 0.0056

Entries: 4603

Mean: 0.1416 +/- 0.0049

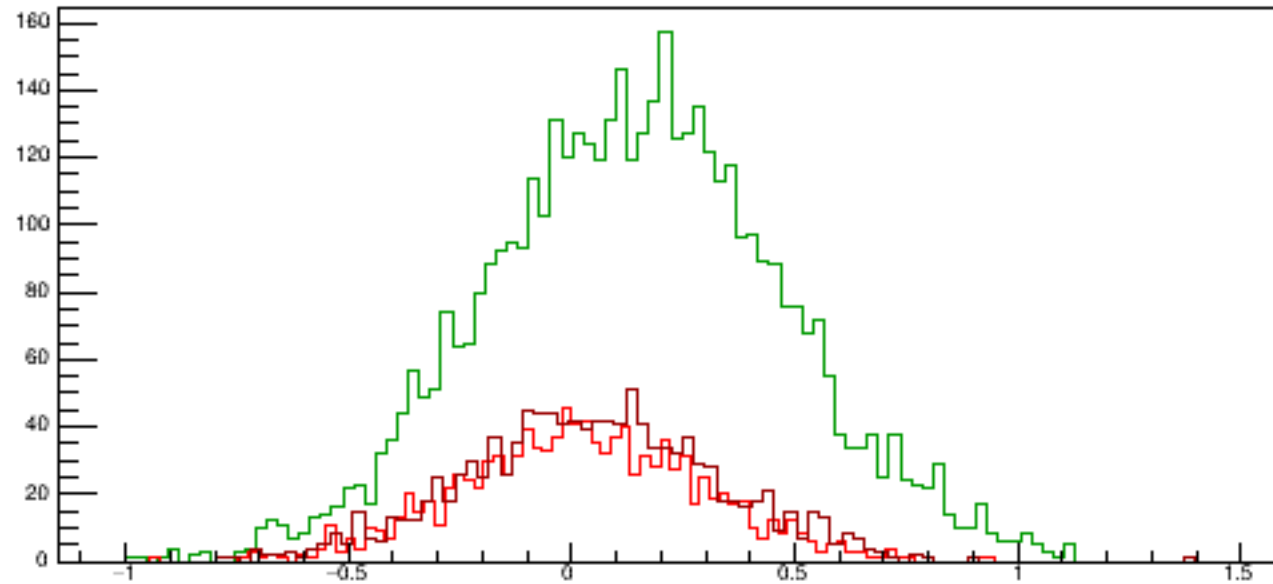
Std Dev: 0.3333 +/- 0.0035

Entries: 1190

Mean: 0.0439 +/- 0.0082

Std Dev: 0.2827 +/- 0.0058

Run 4576 quartetwise, Diffs



Cycle 14, Sums

Entries: 1160

Mean: 14.6529 +/- 0.0107

Std Dev: 0.3647 +/- 0.0076

Entries: 4603

Mean: 23.0051 +/- 0.0061

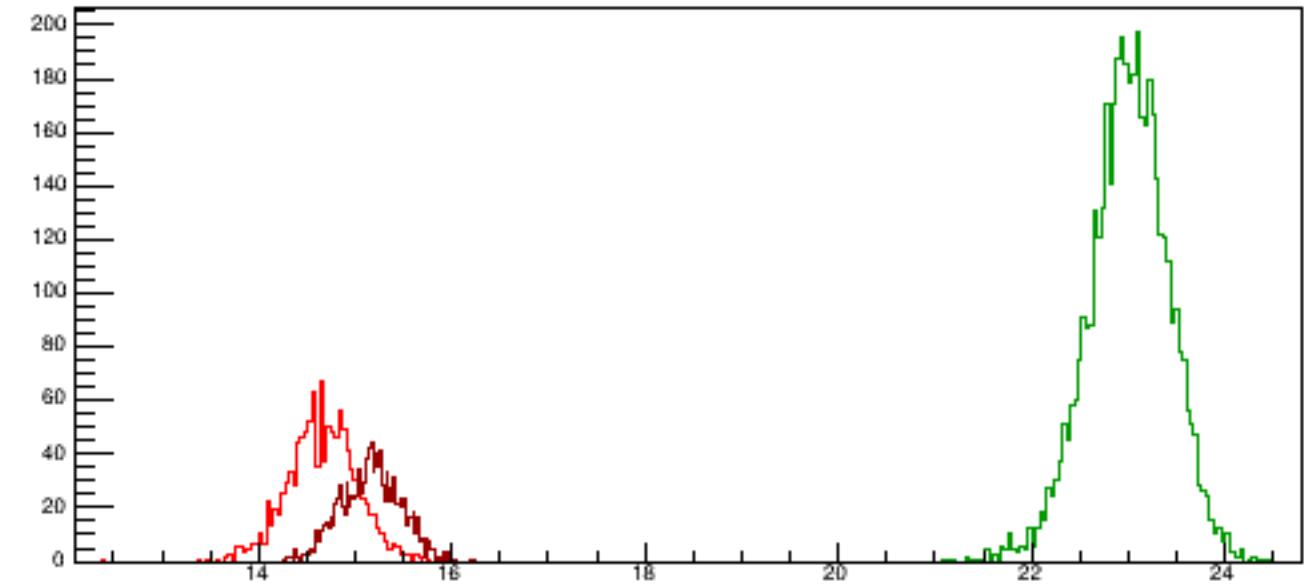
Std Dev: 0.4143 +/- 0.0043

Entries: 1190

Mean: 15.1658 +/- 0.0092

Std Dev: 0.3183 +/- 0.0065

Run 4576 quartetwise, Sums



Cycle 14, Asyms

Entries: 1160

Mean: 0.0028 +/- 0.0010

Std Dev: 0.0334 +/- 0.0007

Entries: 4603

Mean: 0.0175 +/- 0.0006

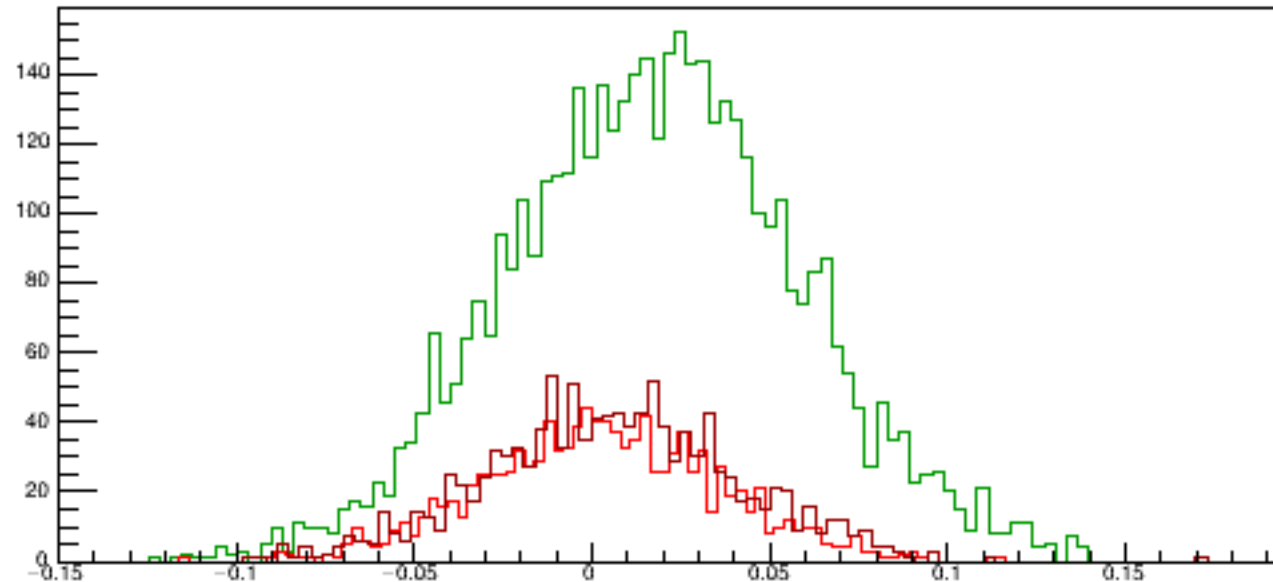
Std Dev: 0.0412 +/- 0.0004

Entries: 1190

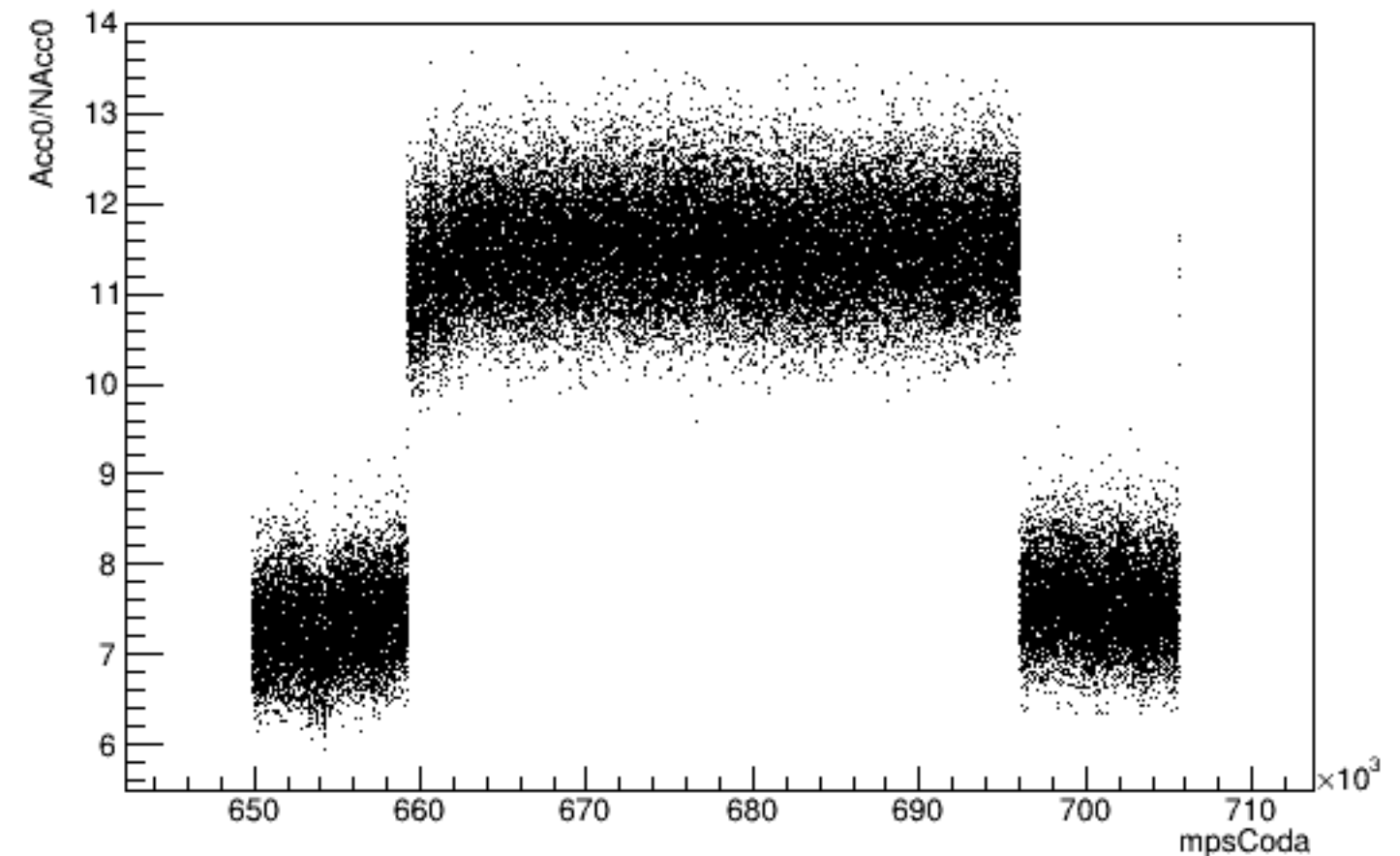
Mean: 0.0054 +/- 0.0010

Std Dev: 0.0349 +/- 0.0007

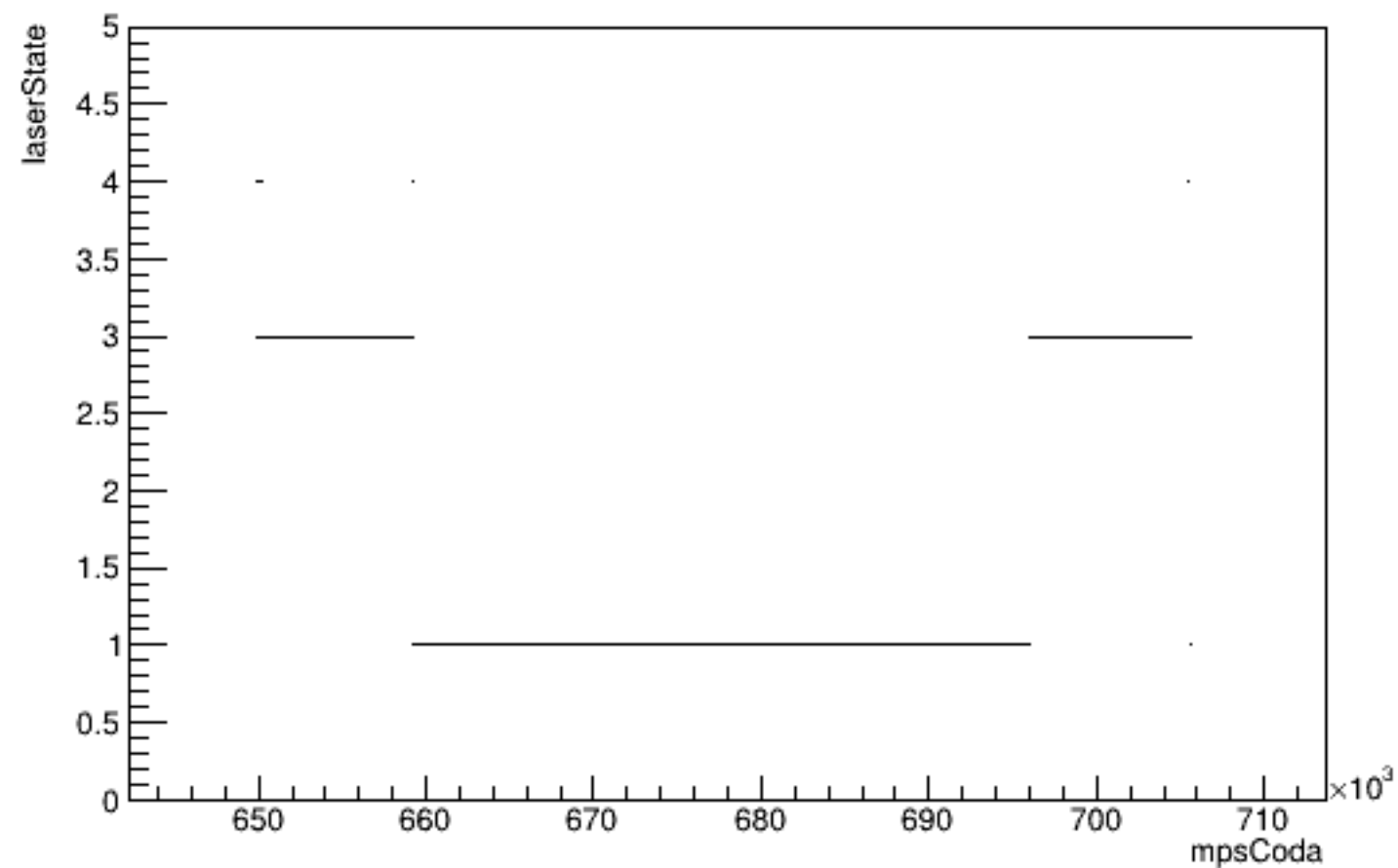
Run 4576 quartetwise, Asyms



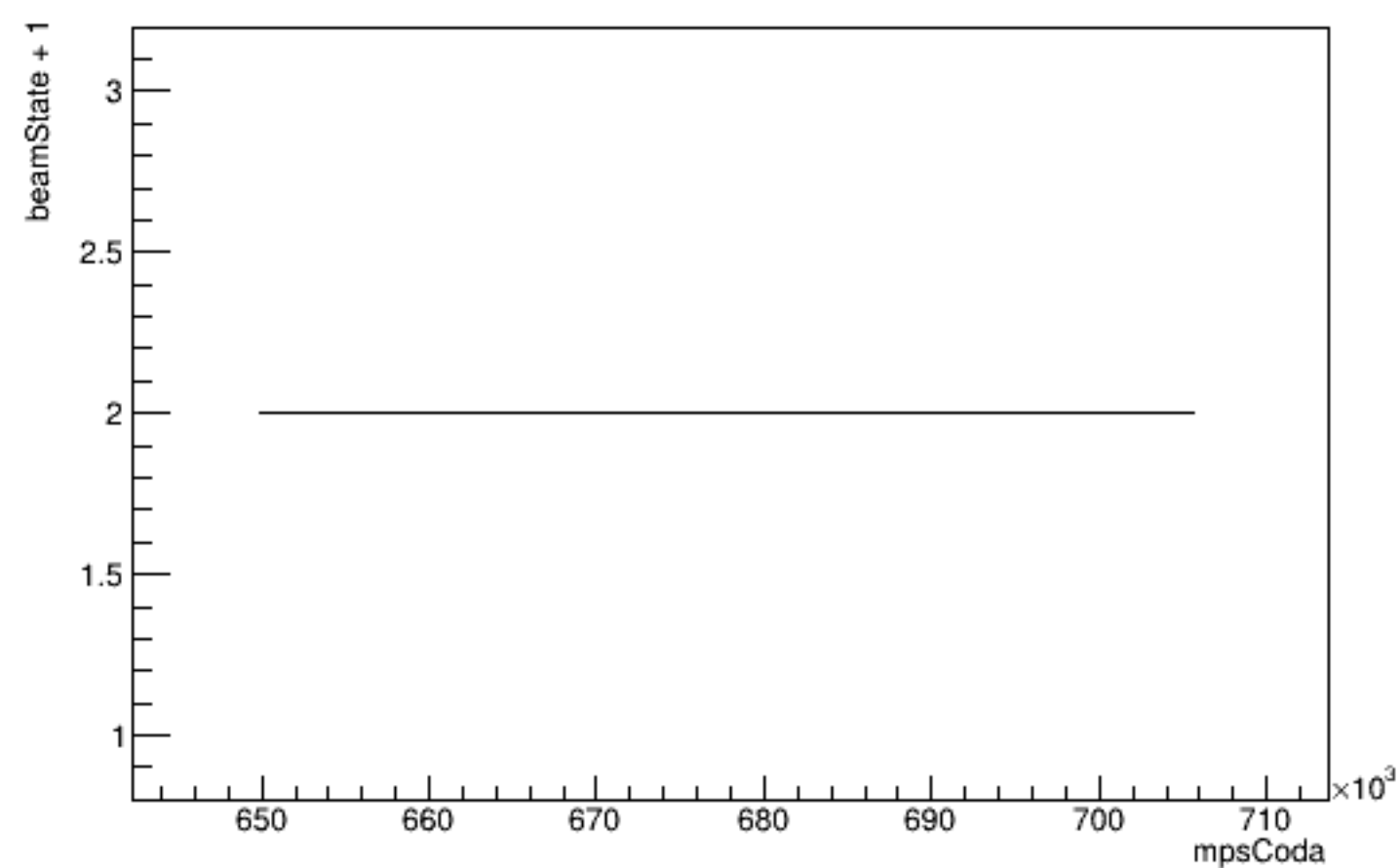
Acc0/NAcc0:mpsCoda {mpsCoda>=649905 && mpsCoda<=705584 && beamState==1}



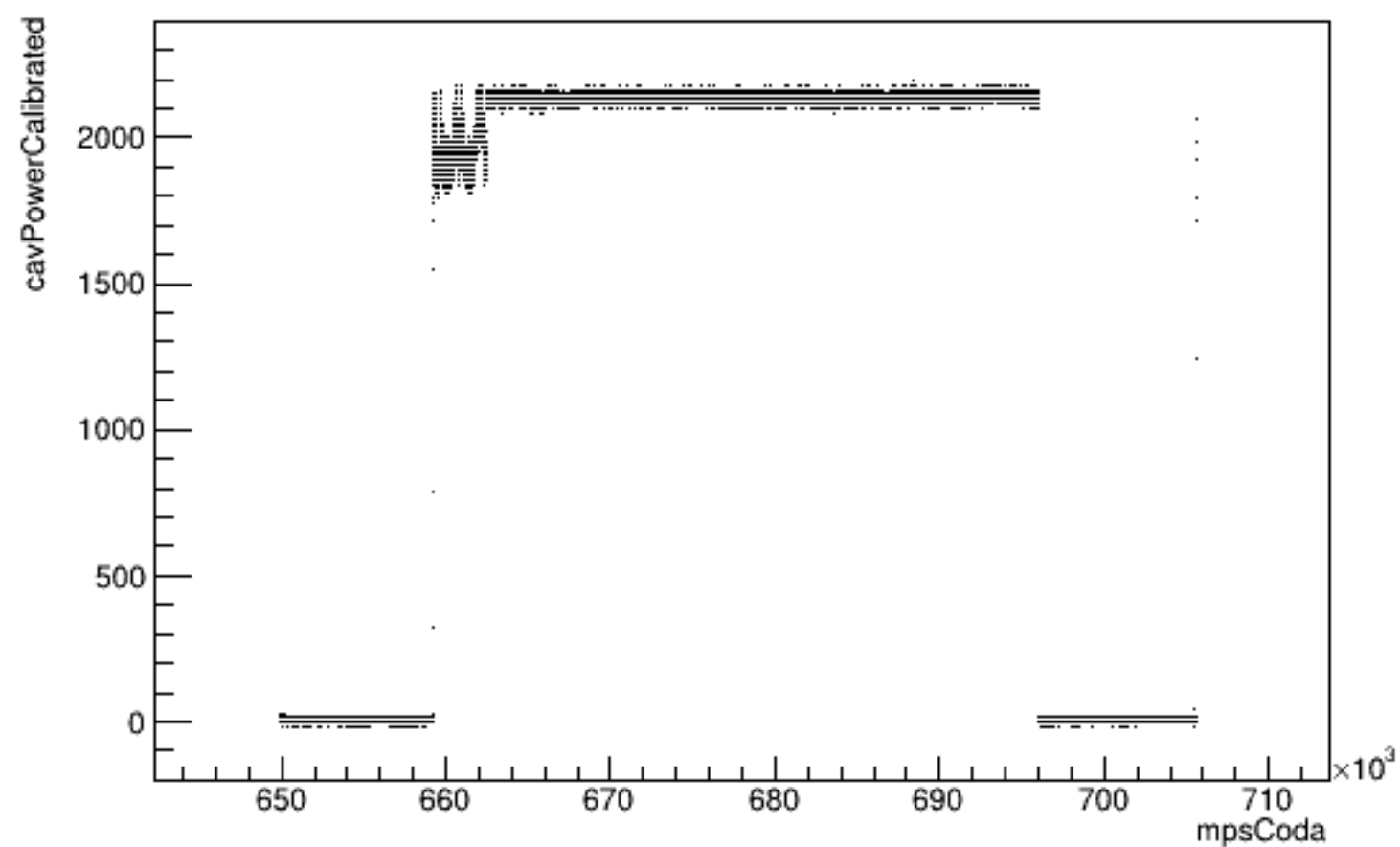
laserState:mpsCoda {mpsCoda>=649905 && mpsCoda<=705584}



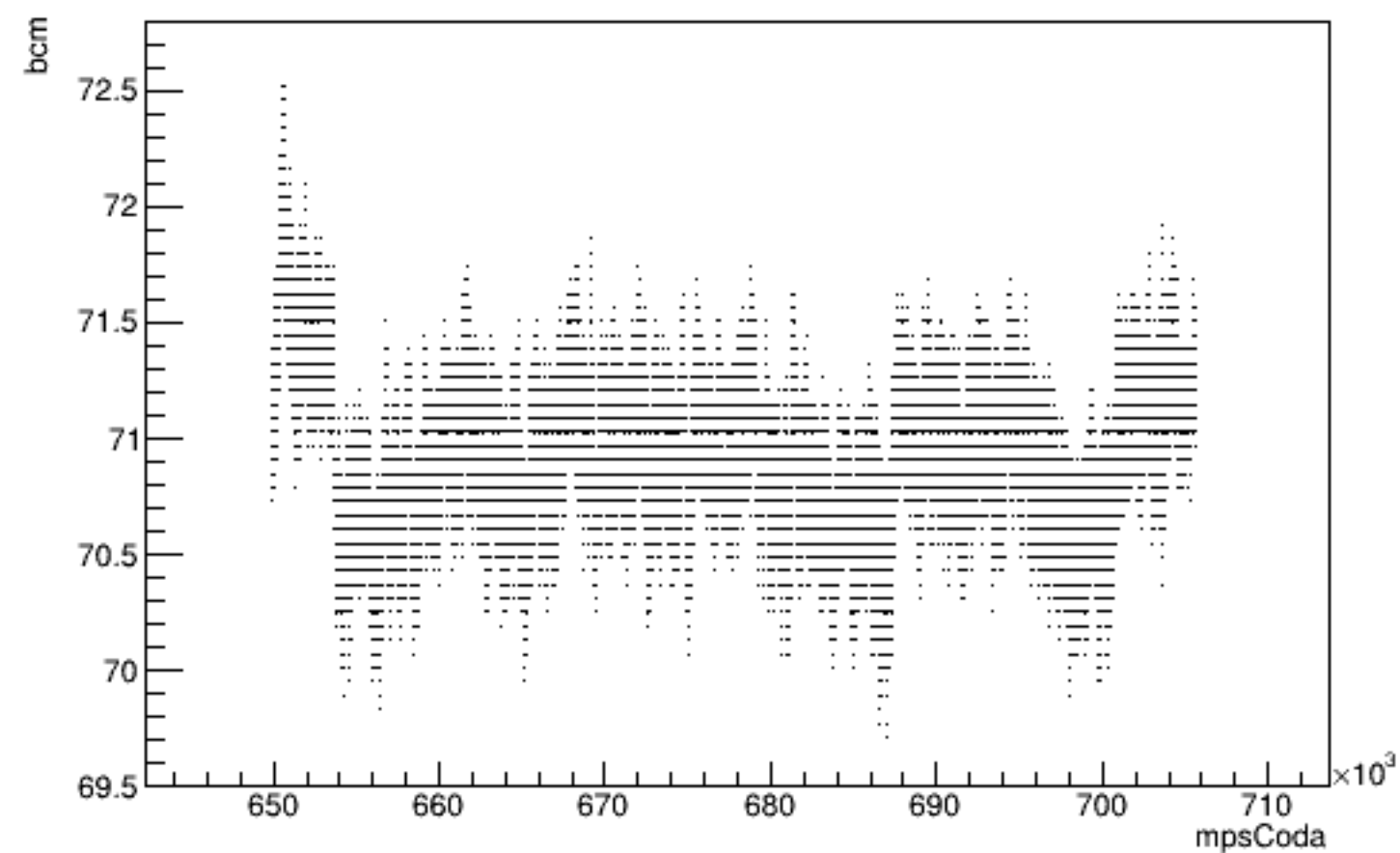
beamState + 1:mpsCoda {mpsCoda>=649905 && mpsCoda<=705584}



cavPowerCalibrated:mpsCoda {mpsCoda>=649905 && mpsCoda<=705584}



bcm:mpsCoda {mpsCoda>=649905 && mpsCoda<=705584}



Cycle 15, Diffs

Entries: 1190

Mean: 0.0439 +/- 0.0082

Std Dev: 0.2827 +/- 0.0058

Entries: 2868

Mean: 0.1443 +/- 0.0063

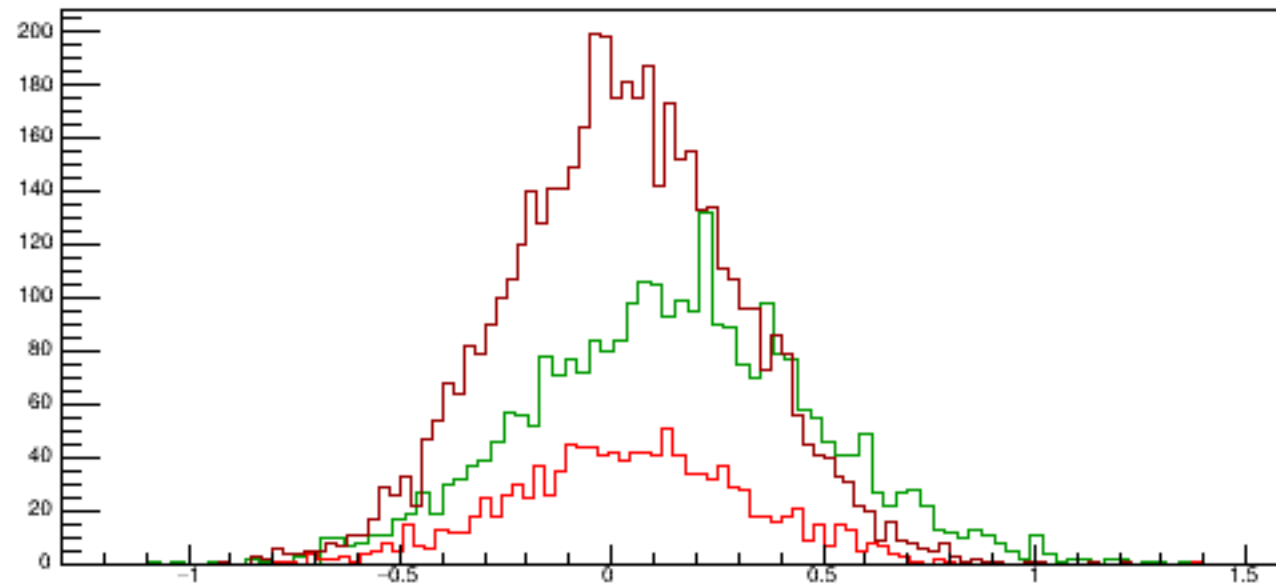
Std Dev: 0.3375 +/- 0.0045

Entries: 4881

Mean: 0.0267 +/- 0.0040

Std Dev: 0.2769 +/- 0.0028

Run 4576 quartetwise, Diffs



Cycle 15, Sums

Entries: 1190

Mean: 15.1658 +/- 0.0092

Std Dev: 0.3183 +/- 0.0065

Entries: 2868

Mean: 23.0225 +/- 0.0087

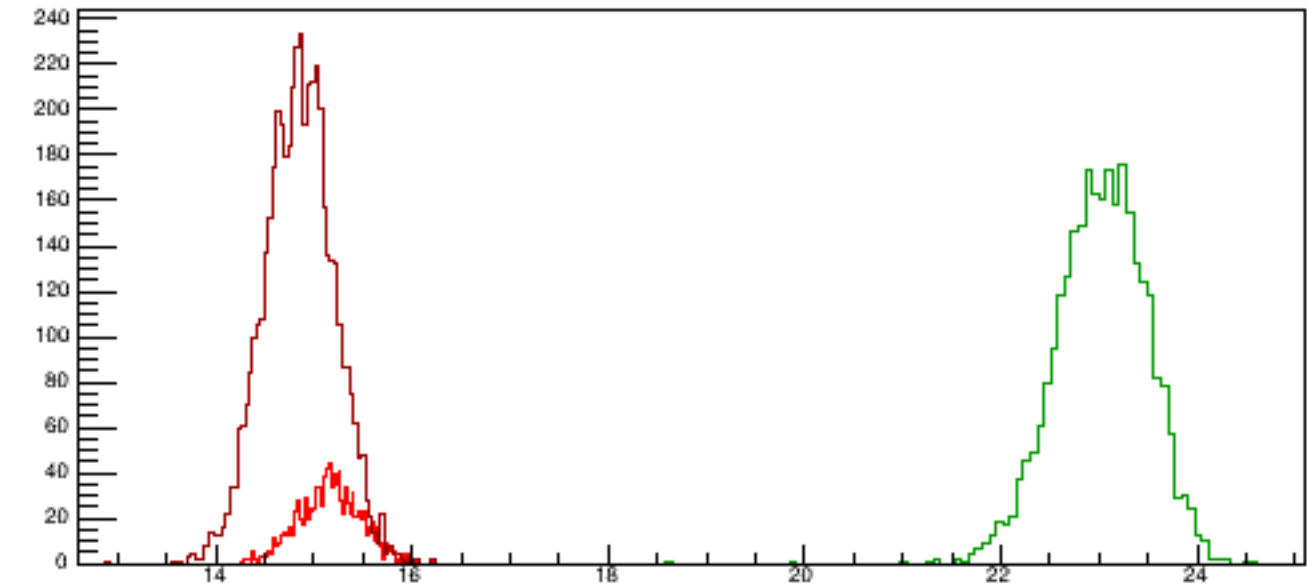
Std Dev: 0.4664 +/- 0.0062

Entries: 4881

Mean: 14.8509 +/- 0.0051

Std Dev: 0.3549 +/- 0.0036

Run 4576 quartetwise, Sums



Cycle 15, Asyms

Entries: 1190

Mean: 0.0055 +/- 0.0010

Std Dev: 0.0353 +/- 0.0007

Entries: 2868

Mean: 0.0182 +/- 0.0008

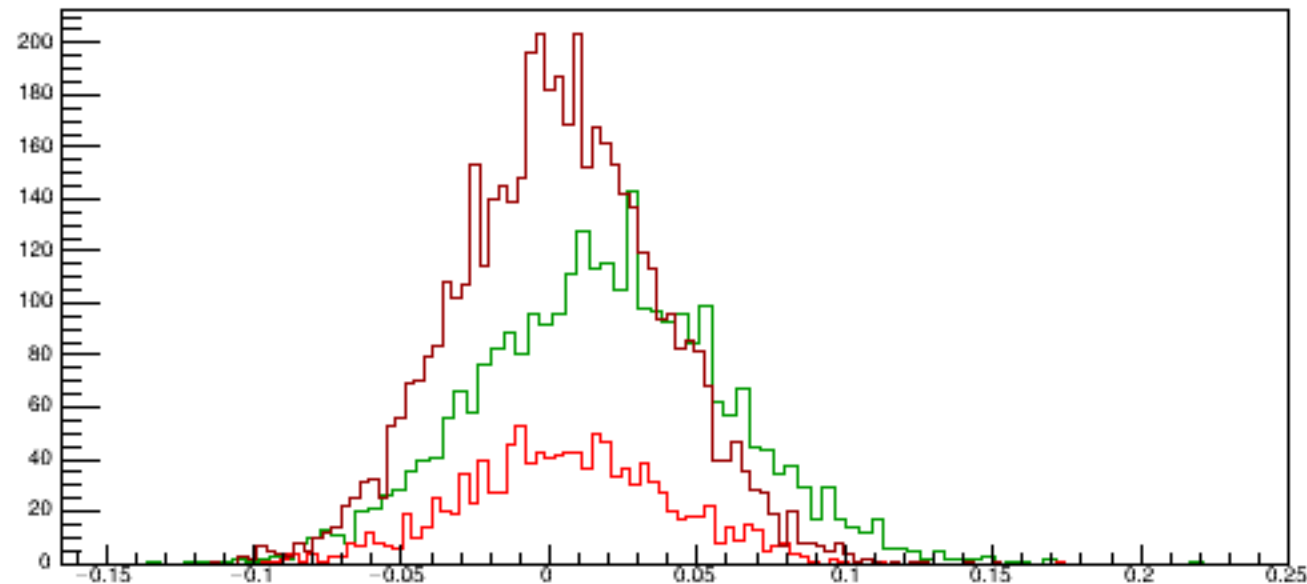
Std Dev: 0.0424 +/- 0.0006

Entries: 4881

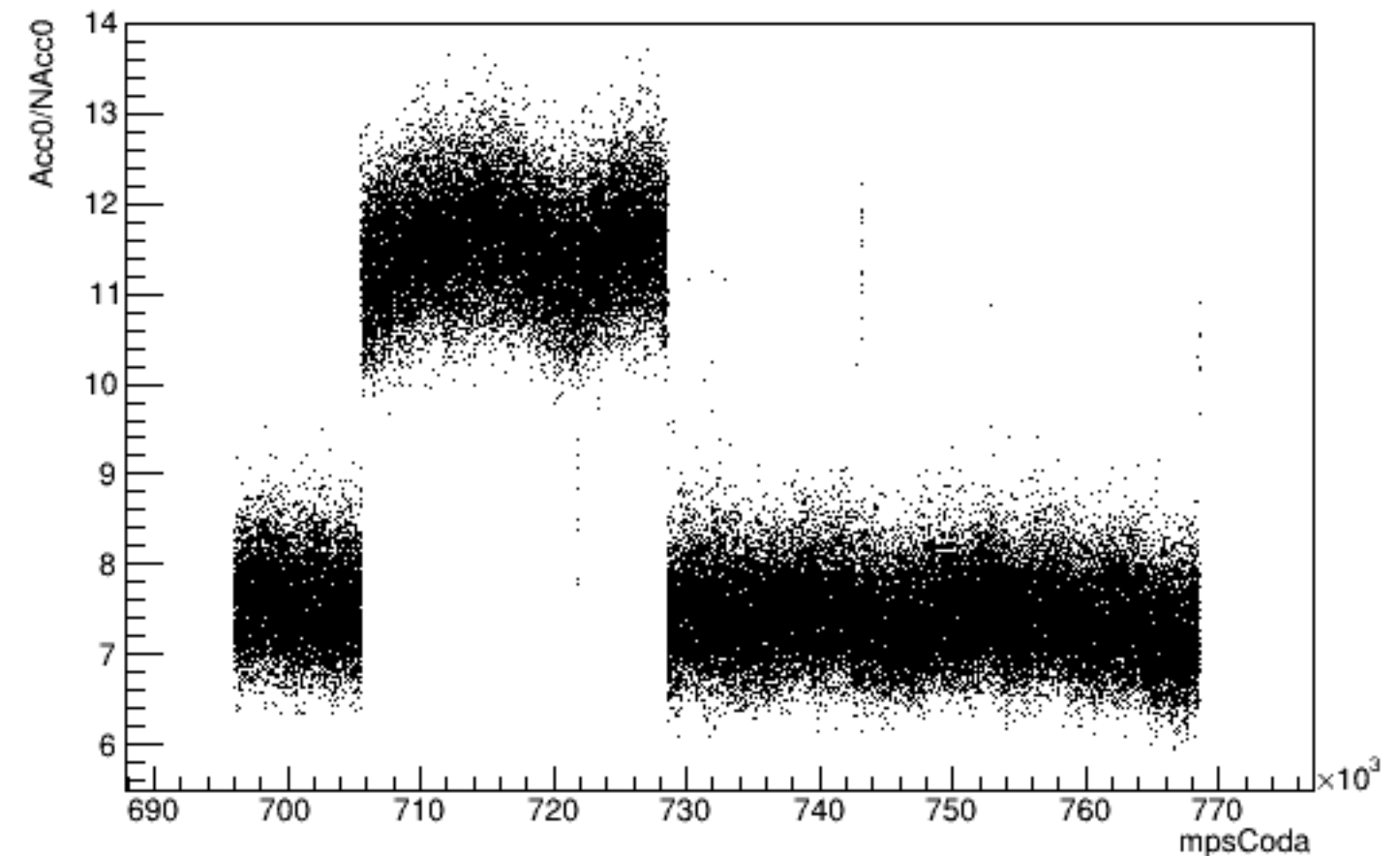
Mean: 0.0033 +/- 0.0005

Std Dev: 0.0345 +/- 0.0003

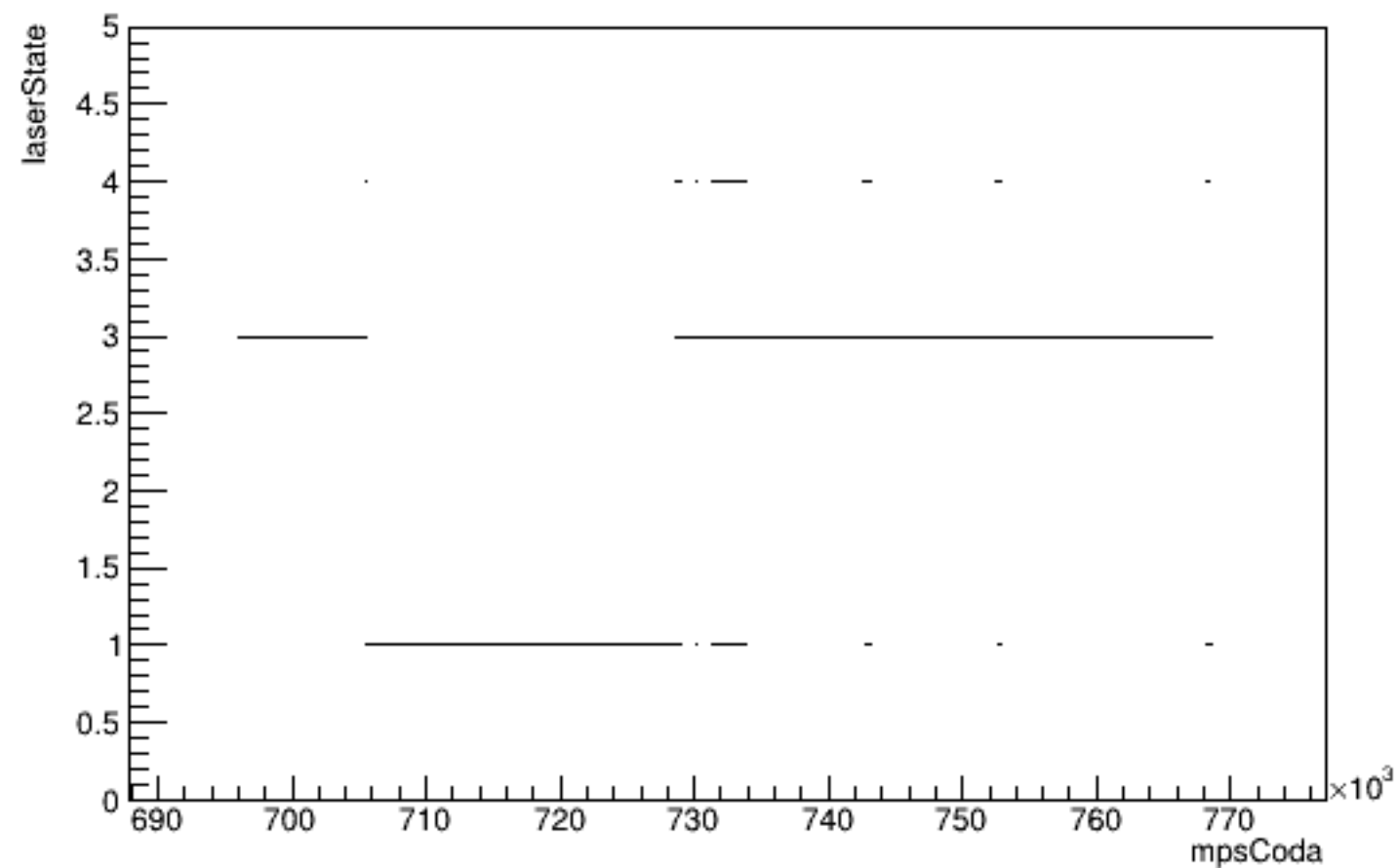
Run 4576 quartetwise, Asyms



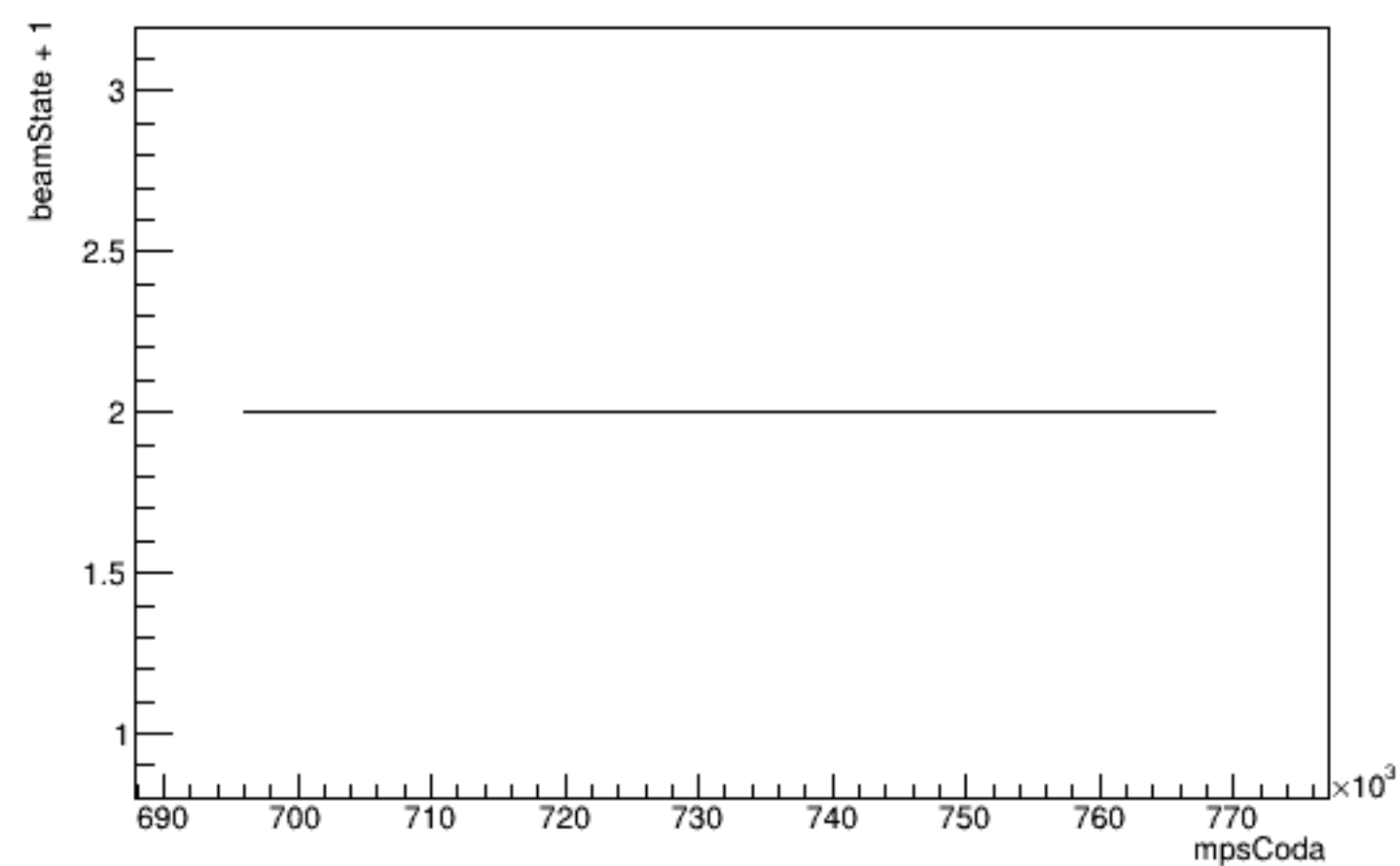
Acc0/NAcc0:mpsCoda {mpsCoda>=696049 && mpsCoda<=768512 && beamState==1}



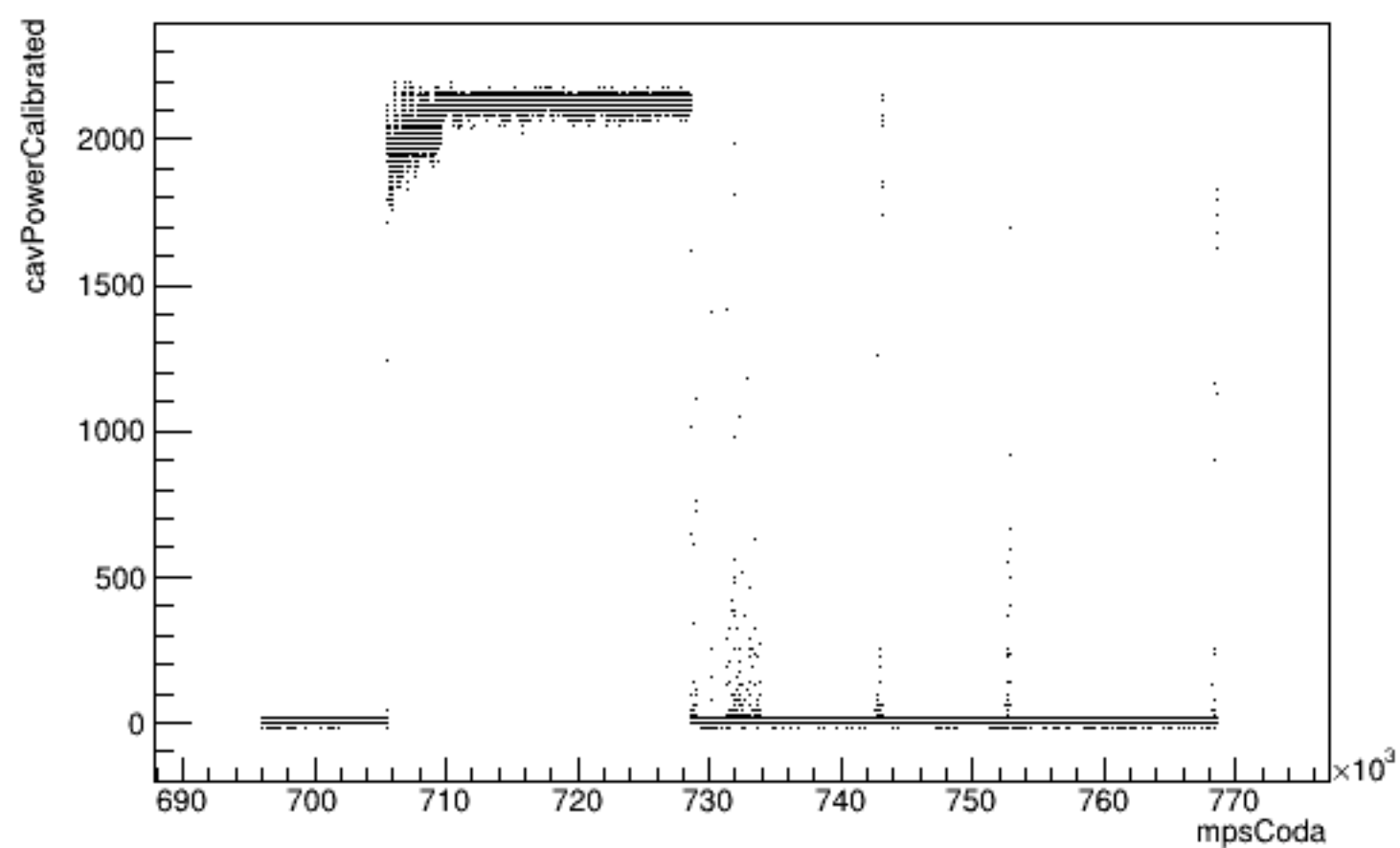
laserState:mpsCoda {mpsCoda>=696049 && mpsCoda<=768512}



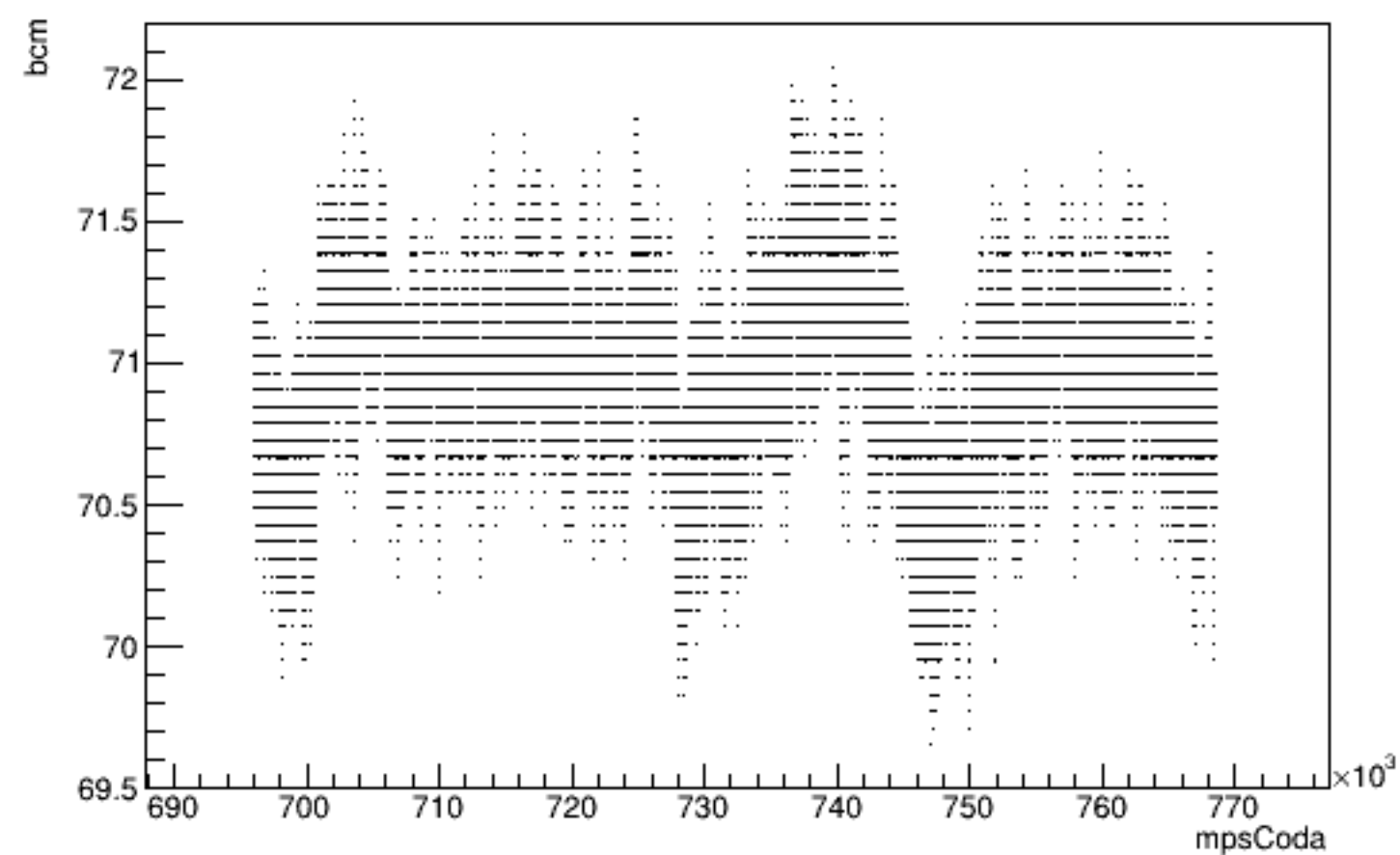
beamState + 1:mpsCoda {mpsCoda>=696049 && mpsCoda<=768512}



cavPowerCalibrated:mpsCoda {mpsCoda>=696049 && mpsCoda<=768512}



bcm:mpsCoda {mpsCoda>=696049 && mpsCoda<=768512}



Cycle 16, Diffs

Entries: 4881

Mean: 0.0267 +/- 0.0040

Std Dev: 0.2769 +/- 0.0028

Entries: 4598

Mean: 0.1359 +/- 0.0051

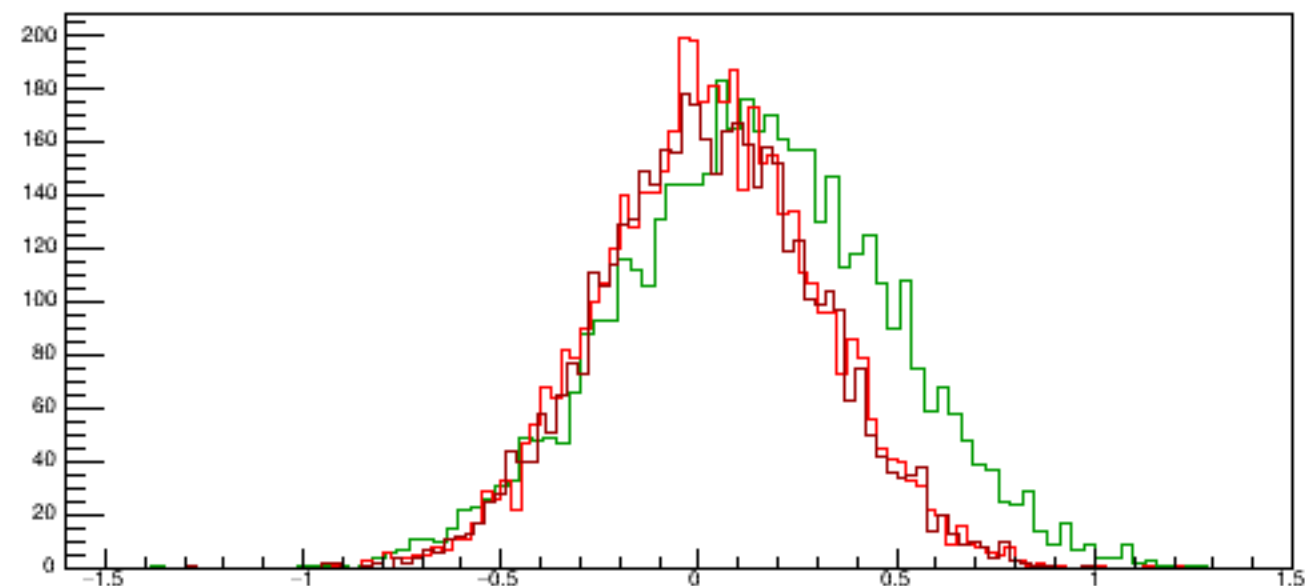
Std Dev: 0.3436 +/- 0.0036

Entries: 4498

Mean: 0.0266 +/- 0.0041

Std Dev: 0.2763 +/- 0.0029

Run 4576 quartetwise, Diffs



Cycle 16, Sums

Entries: 4881

Mean: 14.8509 +/- 0.0051

Std Dev: 0.3549 +/- 0.0036

Entries: 4598

Mean: 22.6785 +/- 0.0067

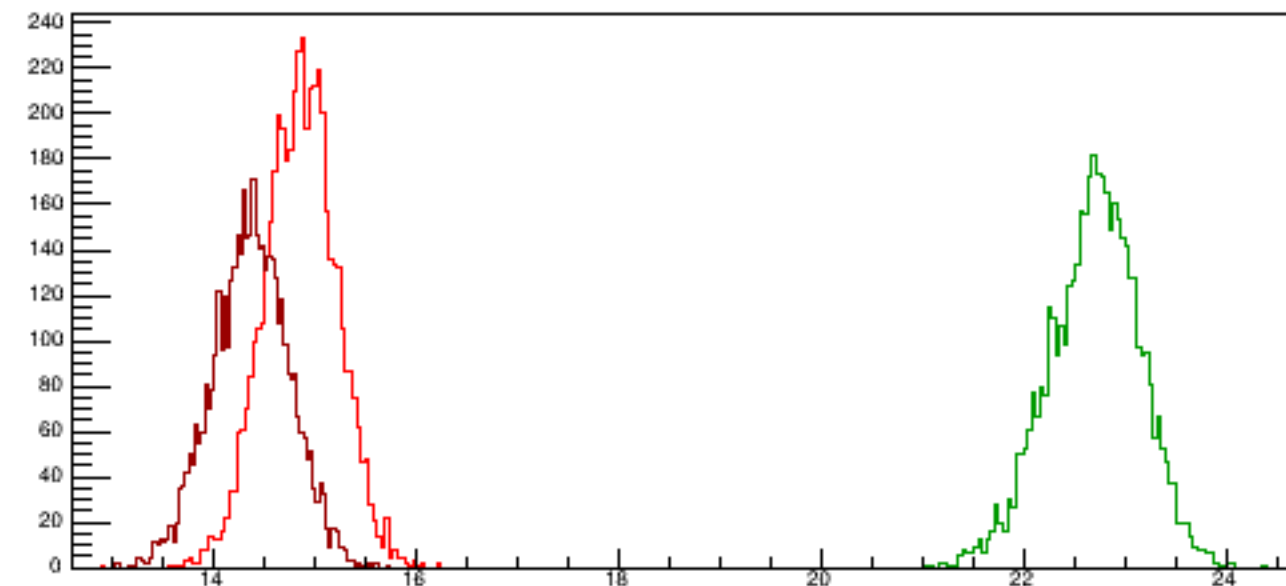
Std Dev: 0.4510 +/- 0.0047

Entries: 4498

Mean: 14.3648 +/- 0.0057

Std Dev: 0.3789 +/- 0.0040

Run 4576 quartetwise, Sums



Cycle 16, Asyms

Entries: 4881

Mean: 0.0033 +/- 0.0005

Std Dev: 0.0343 +/- 0.0003

Entries: 4598

Mean: 0.0169 +/- 0.0006

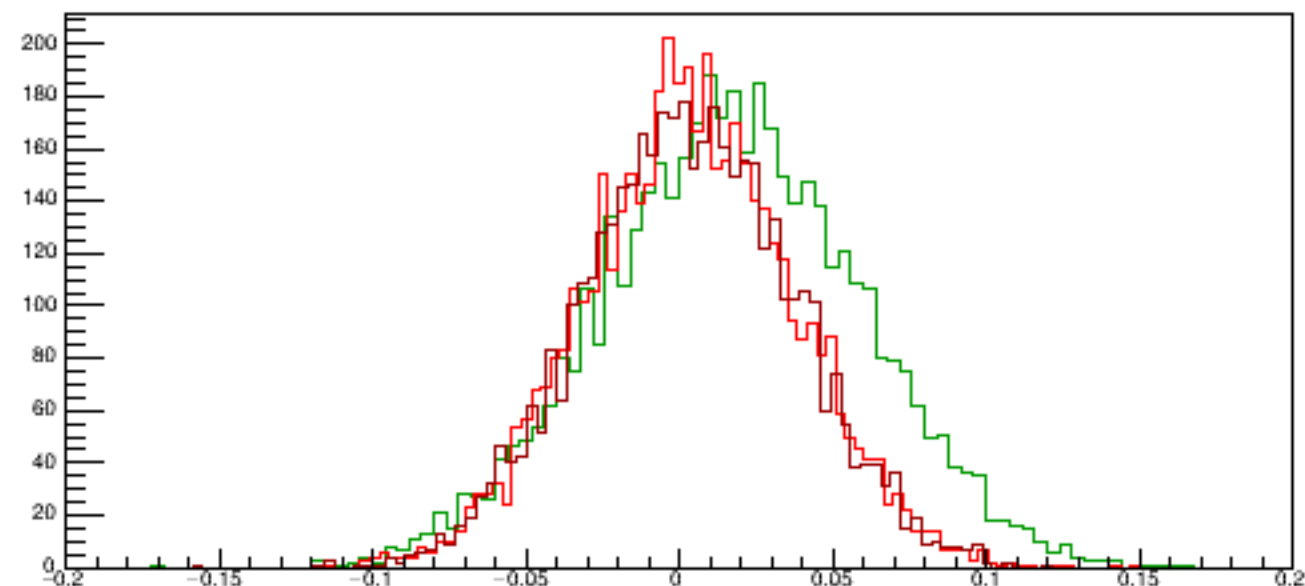
Std Dev: 0.0426 +/- 0.0004

Entries: 4498

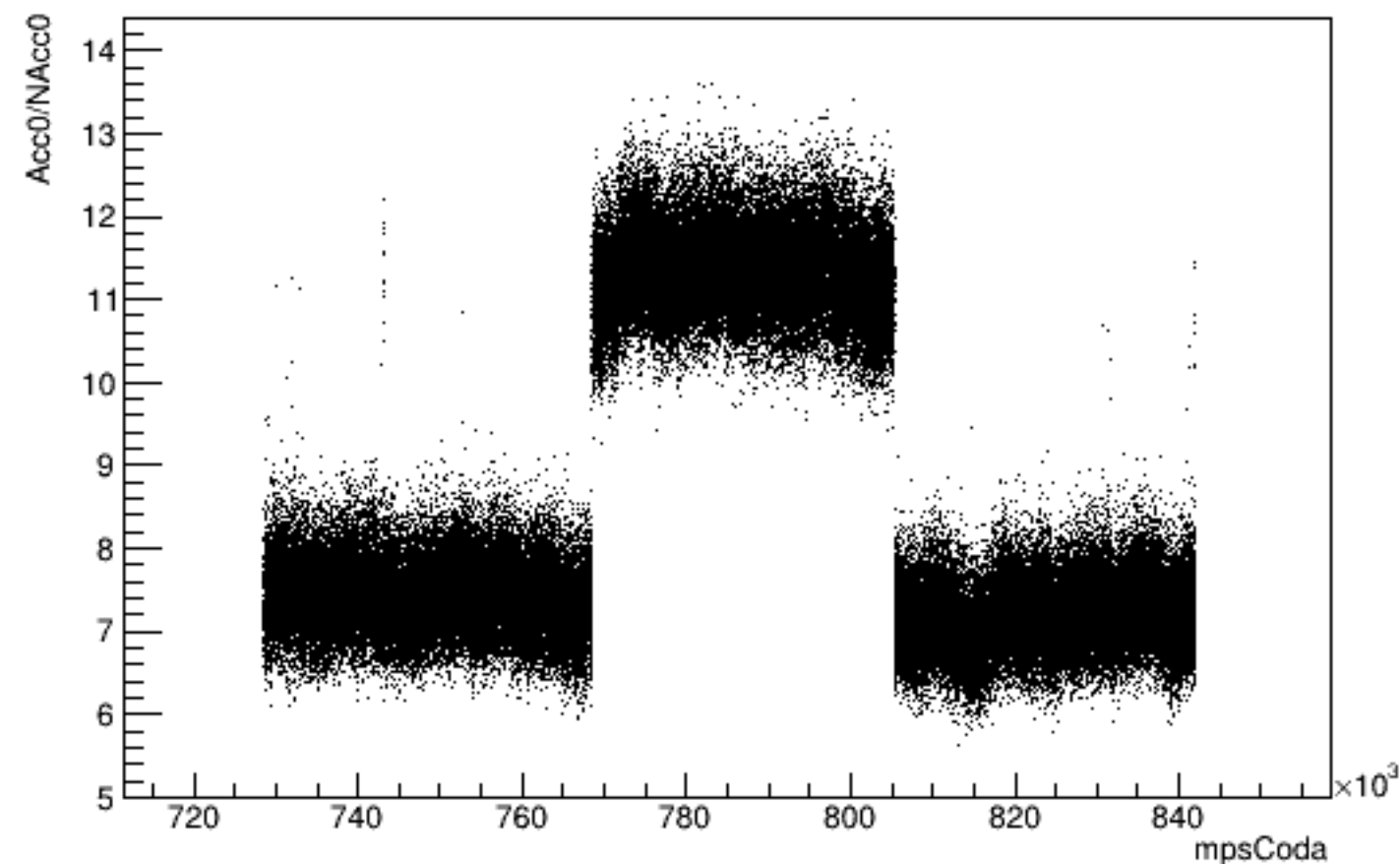
Mean: 0.0033 +/- 0.0005

Std Dev: 0.0342 +/- 0.0004

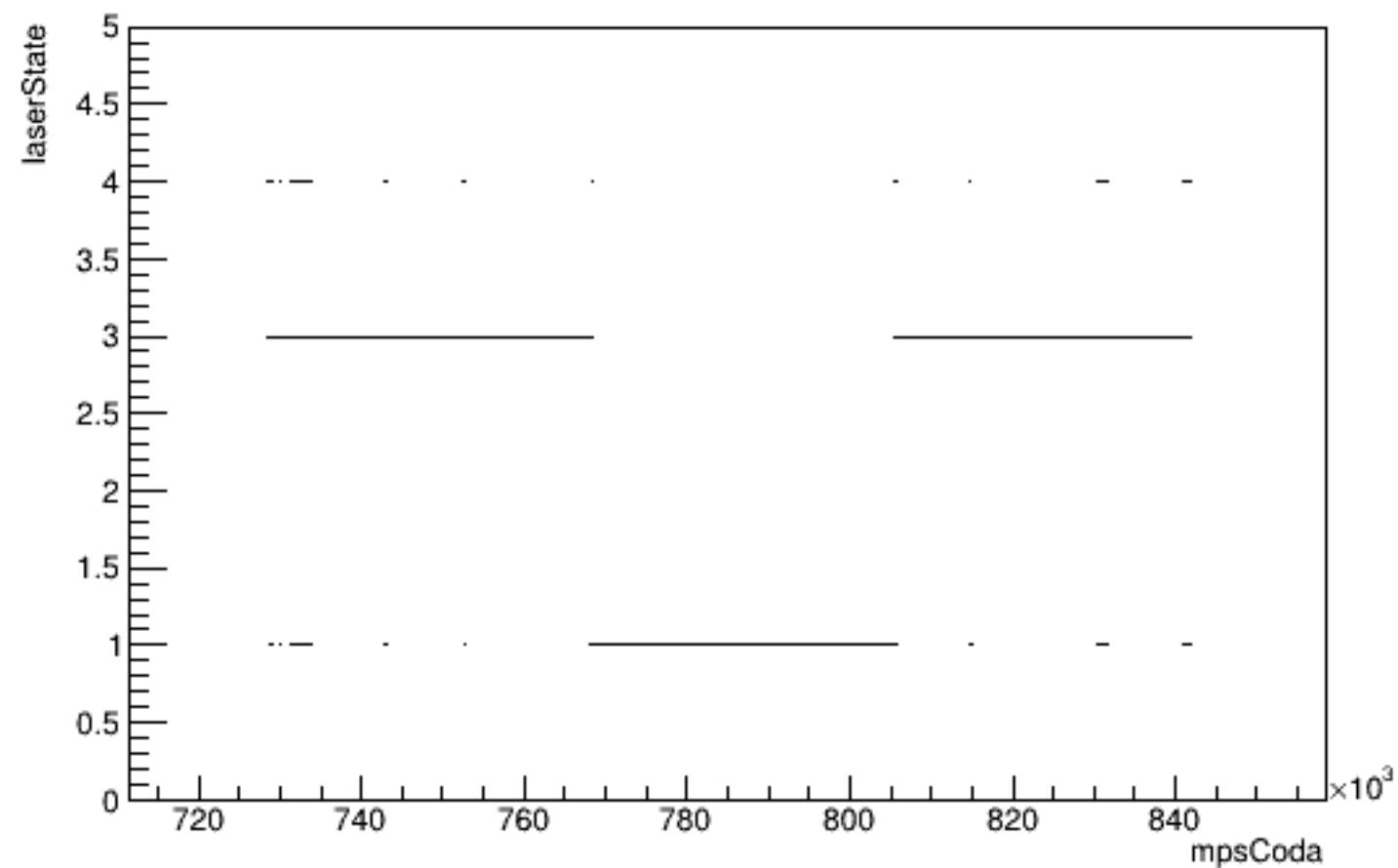
Run 4576 quartetwise, Asyms



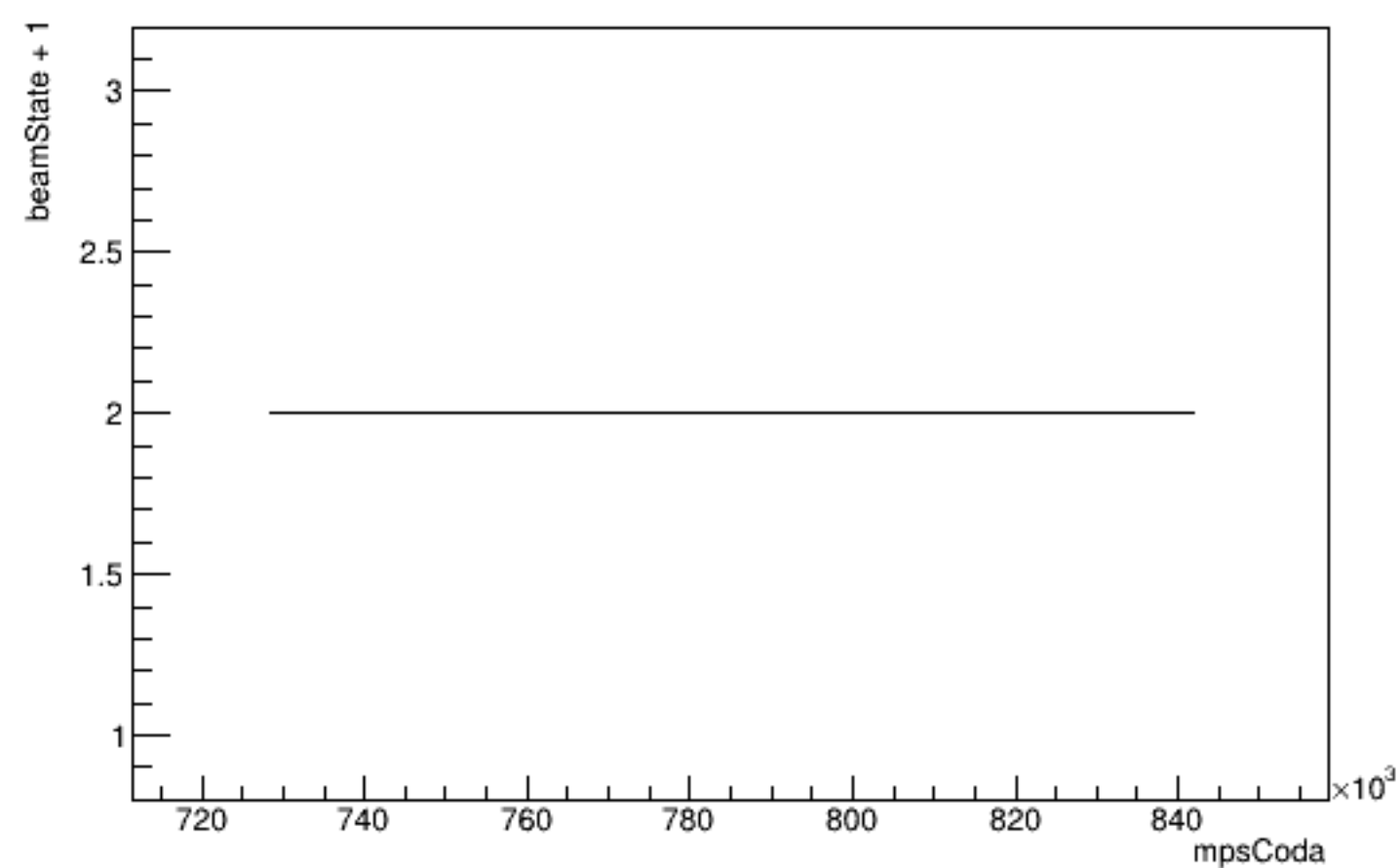
Acc0/NAcc0:mpsCoda {mpsCoda>=728537 && mpsCoda<=841952 && beamState==1}



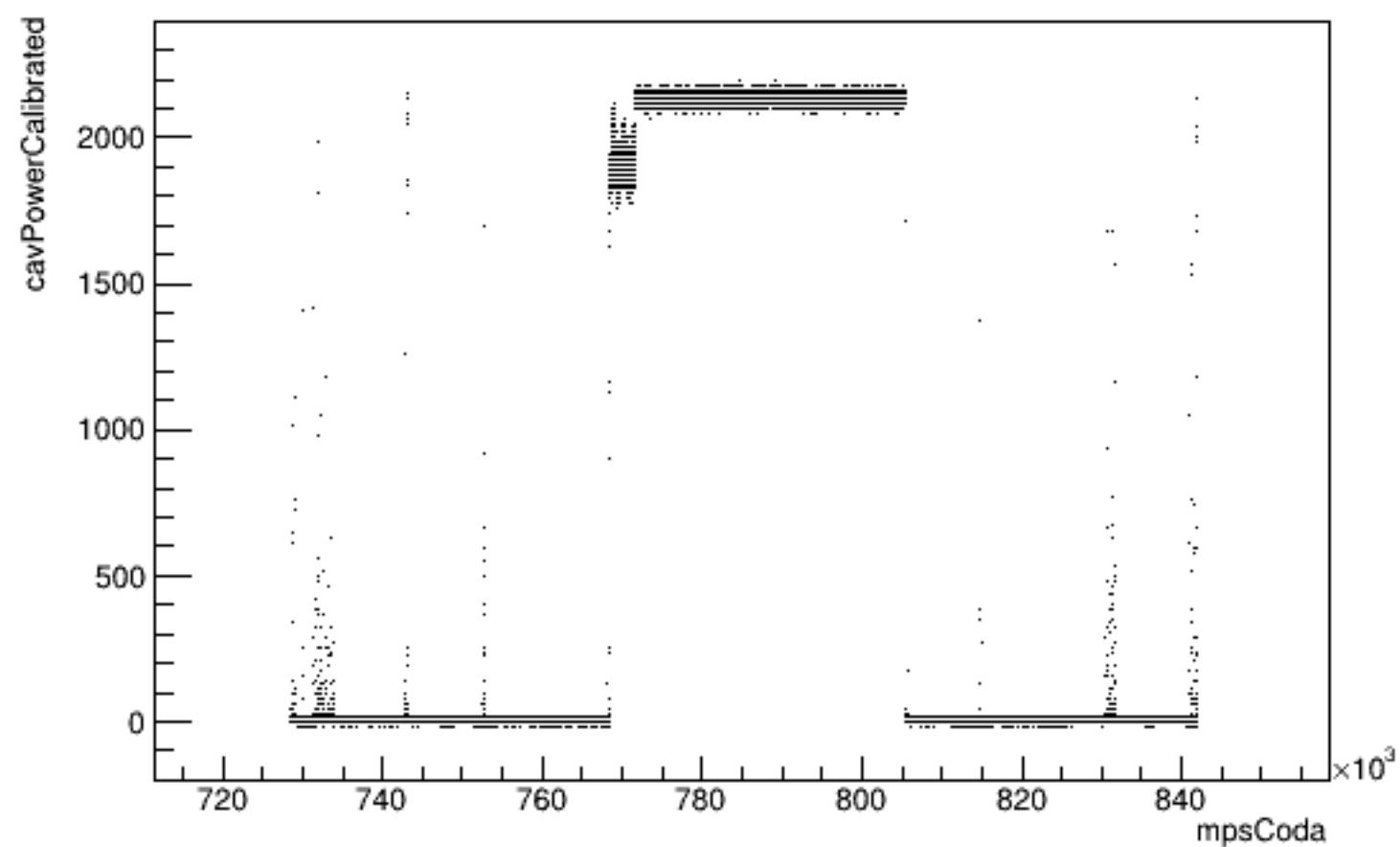
laserState:mpsCoda {mpsCoda>=728537 && mpsCoda<=841952}



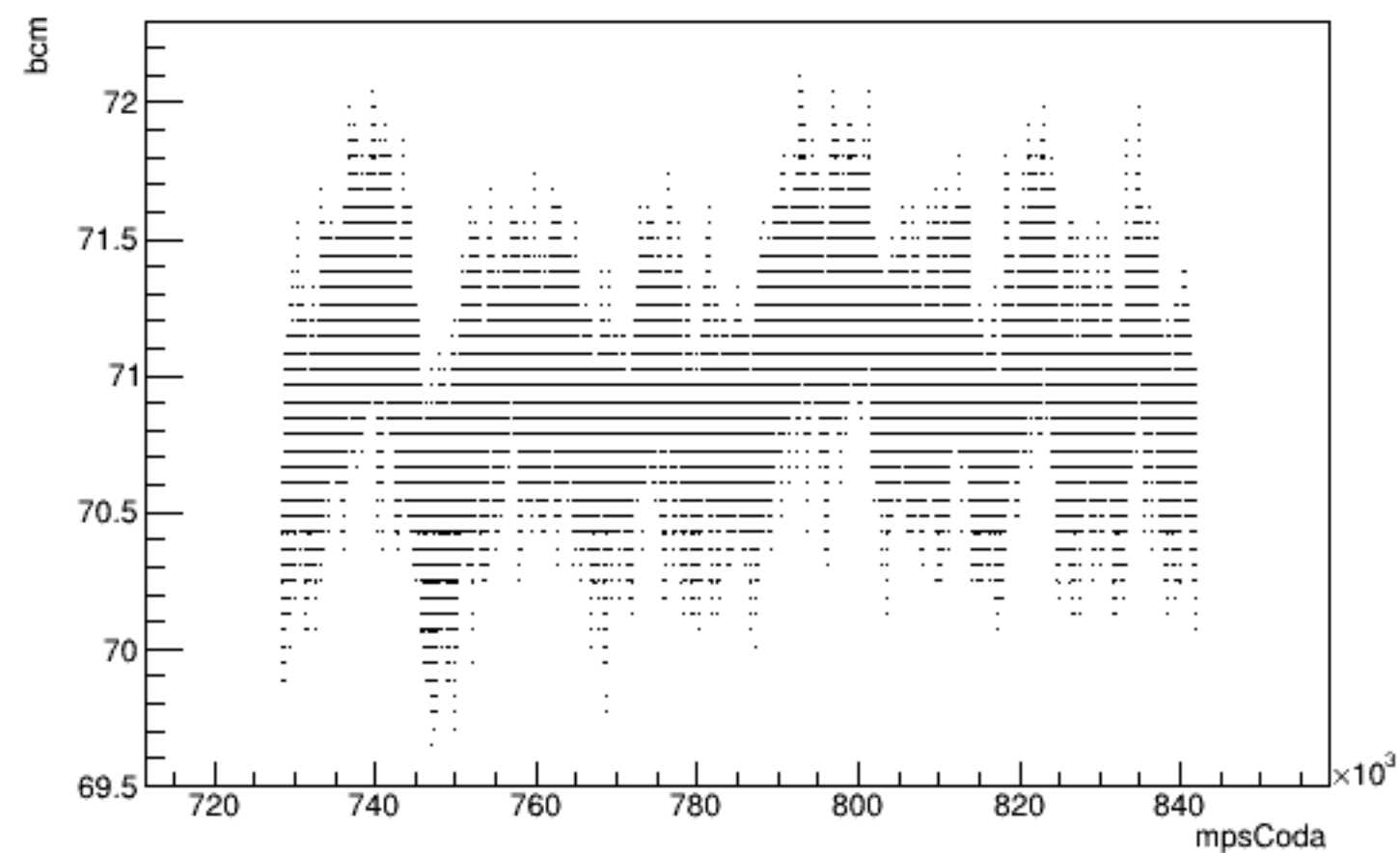
beamState + 1:mpsCoda {mpsCoda>=728537 && mpsCoda<=841952}



cavPowerCalibrated:mpsCoda {mpsCoda>=728537 && mpsCoda<=841952}



bcm:mpsCoda {mpsCoda>=728537 && mpsCoda<=841952}



Cycle 17, Diffs

Entries: 4498

Mean: 0.0266 +/- 0.0041

Std Dev: 0.2763 +/- 0.0029

Entries: 3494

Mean: 0.1460 +/- 0.0059

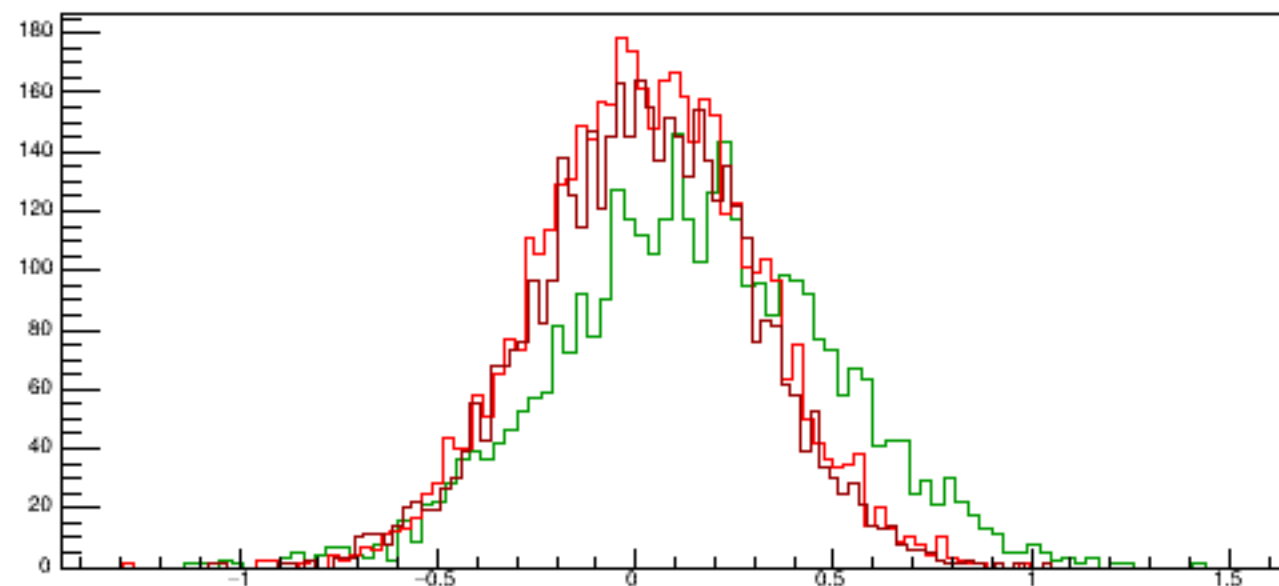
Std Dev: 0.3489 +/- 0.0042

Entries: 4333

Mean: 0.0216 +/- 0.0042

Std Dev: 0.2739 +/- 0.0029

Run 4576 quartetwise, Diffs



Cycle 17, Sums

Entries: 4498

Mean: 14.3648 +/- 0.0057

Std Dev: 0.3789 +/- 0.0040

Entries: 3494

Mean: 23.1346 +/- 0.0076

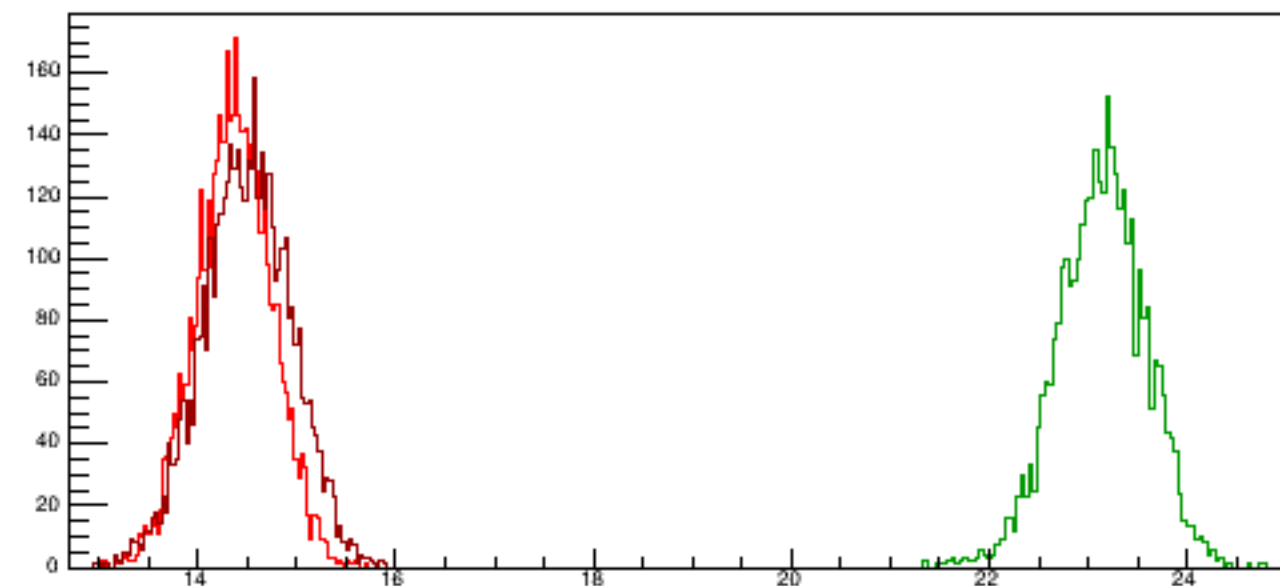
Std Dev: 0.4464 +/- 0.0053

Entries: 4333

Mean: 14.4961 +/- 0.0067

Std Dev: 0.4432 +/- 0.0048

Run 4576 quartetwise, Sums



Cycle 17, Asyms

Entries: 4498

Mean: 0.0031 +/- 0.0005

Std Dev: 0.0317 +/- 0.0003

Entries: 3494

Mean: 0.0168 +/- 0.0007

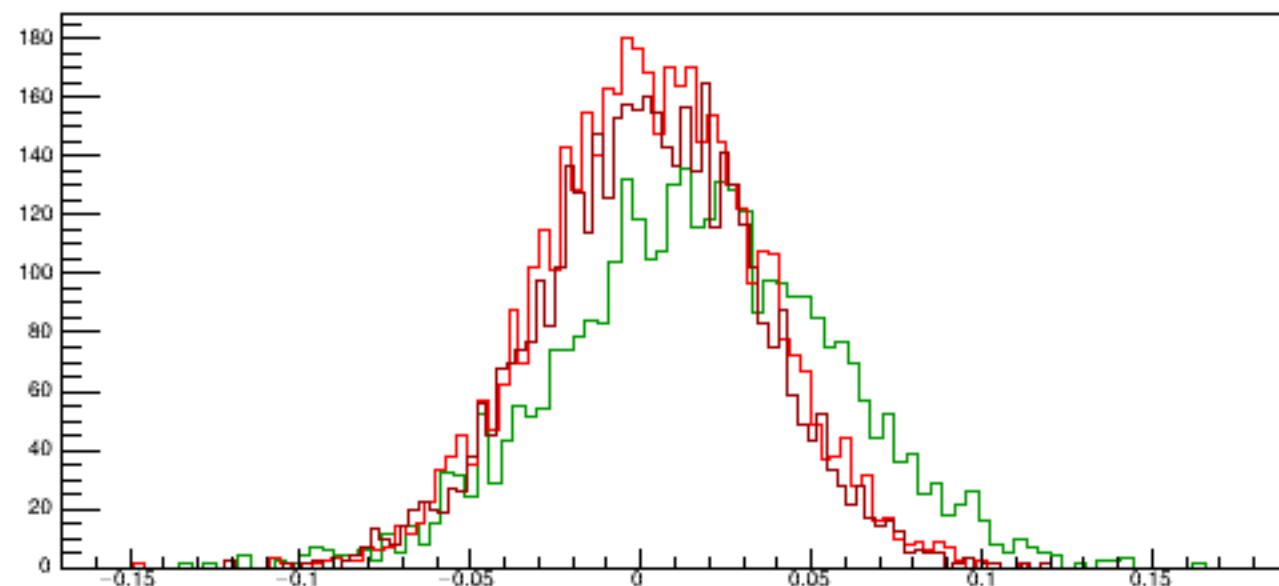
Std Dev: 0.0401 +/- 0.0005

Entries: 4333

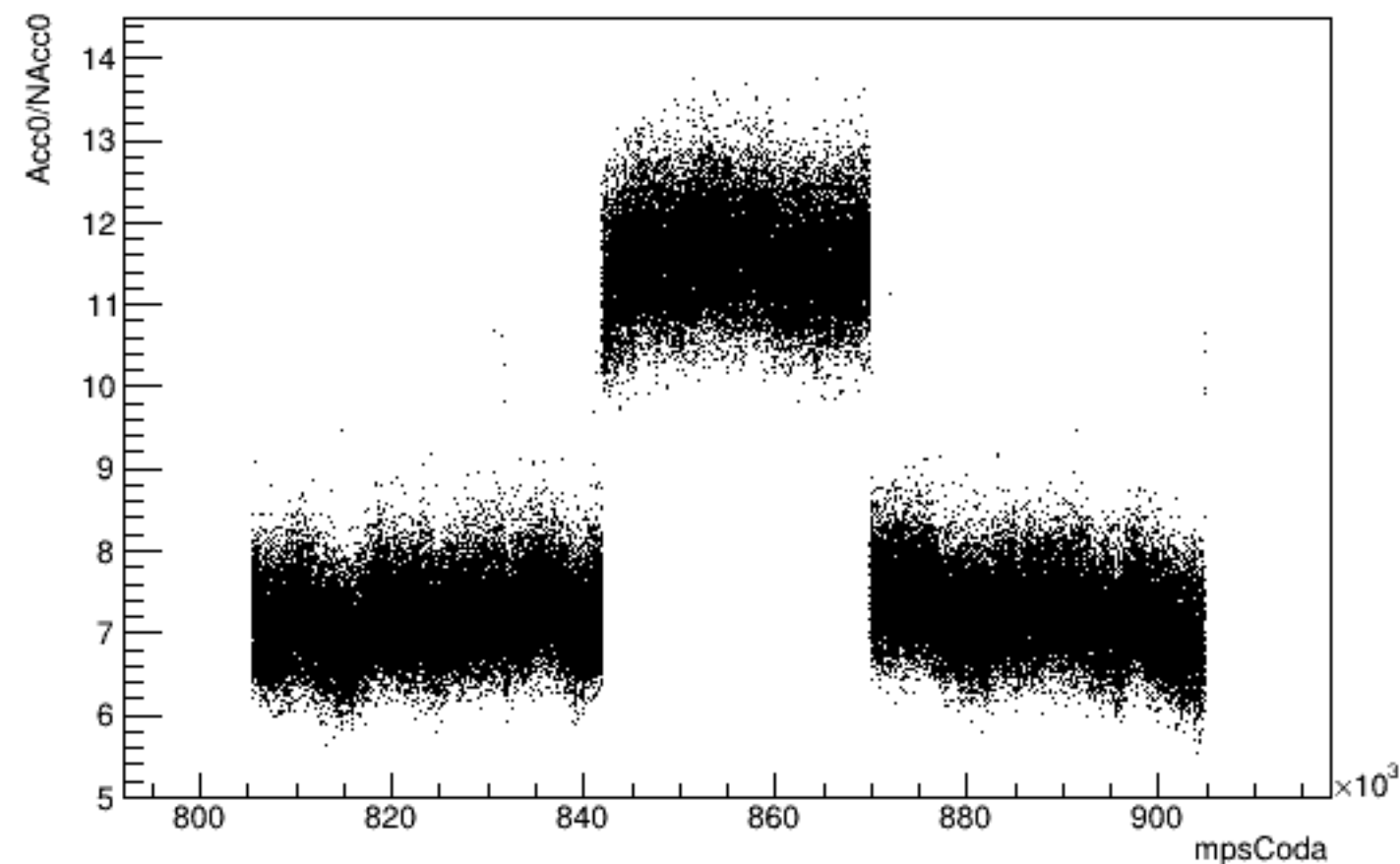
Mean: 0.0025 +/- 0.0005

Std Dev: 0.0315 +/- 0.0003

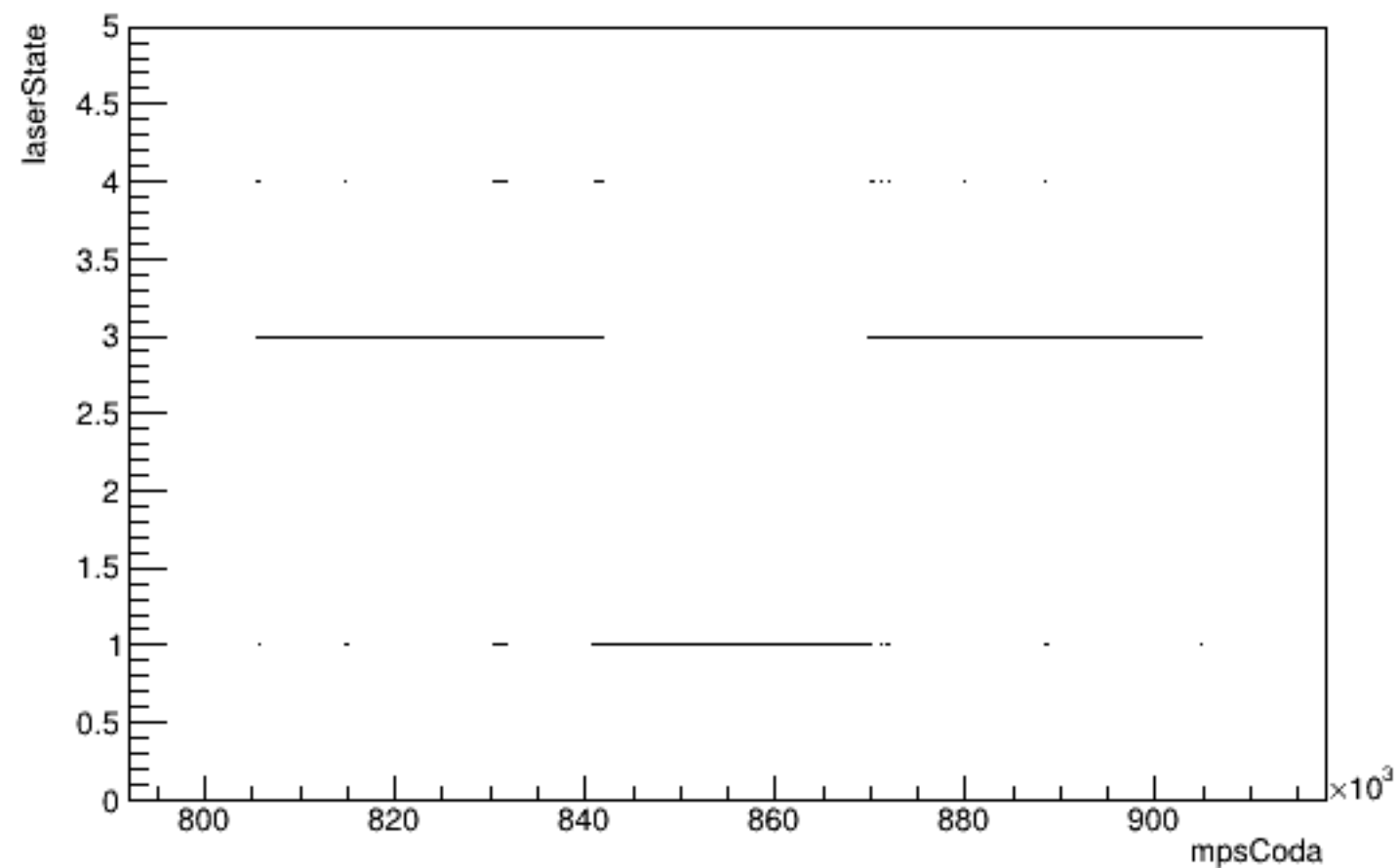
Run 4576 quartetwise, Asyms



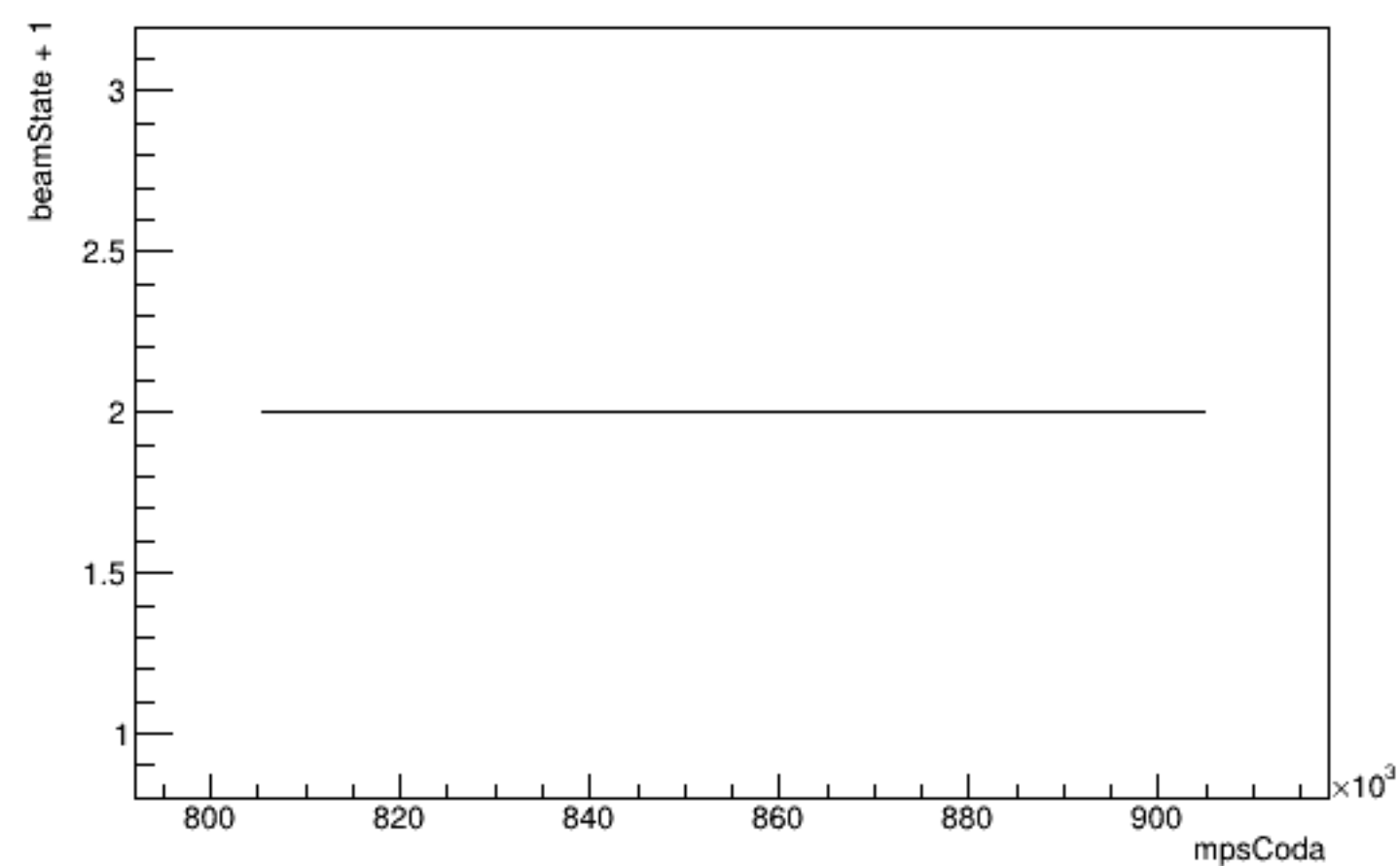
Acc0/NAcc0:mpsCoda {mpsCoda>=805305 && mpsCoda<=904760 && beamState==1}



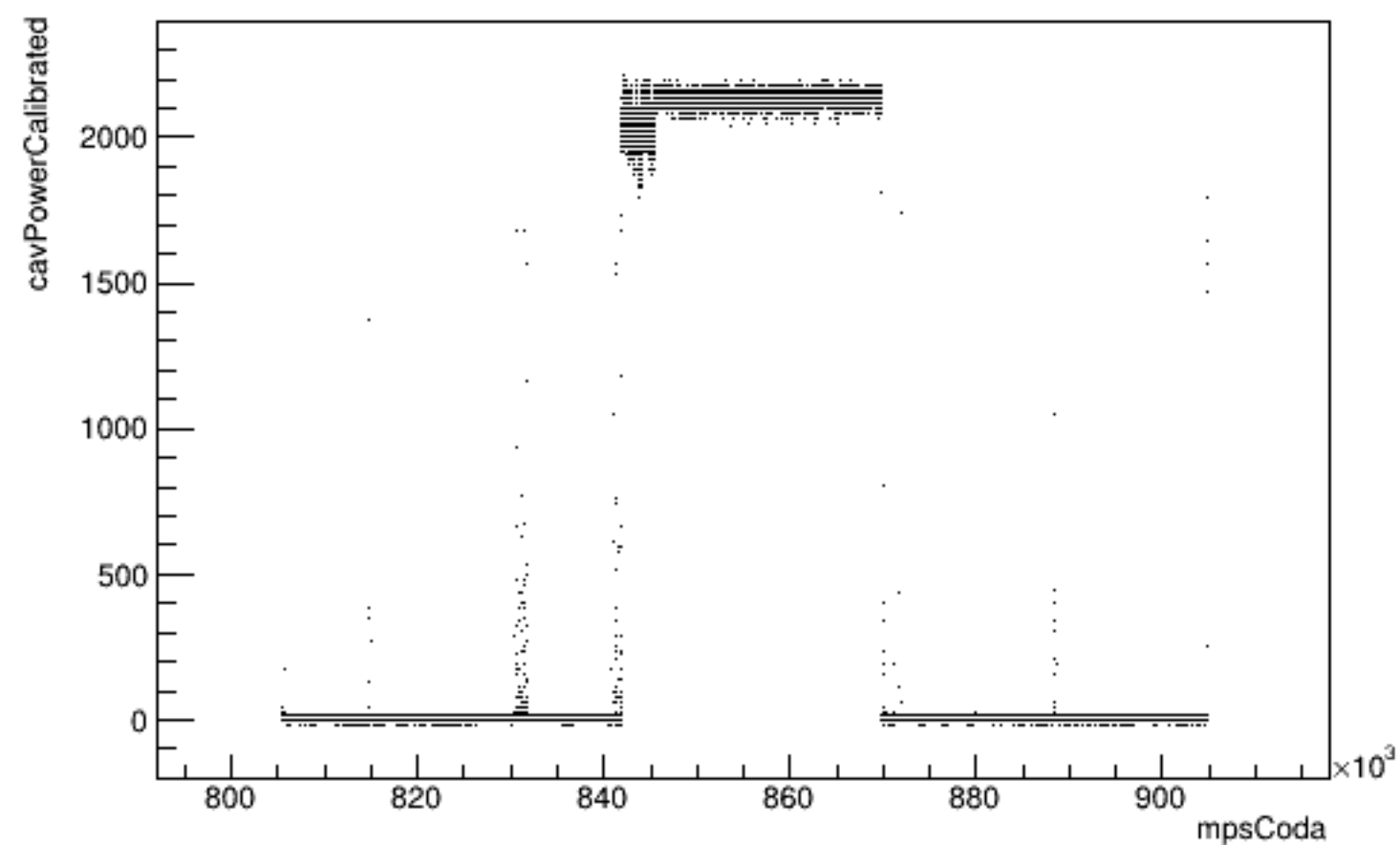
laserState:mpsCoda {mpsCoda>=805305 && mpsCoda<=904760}



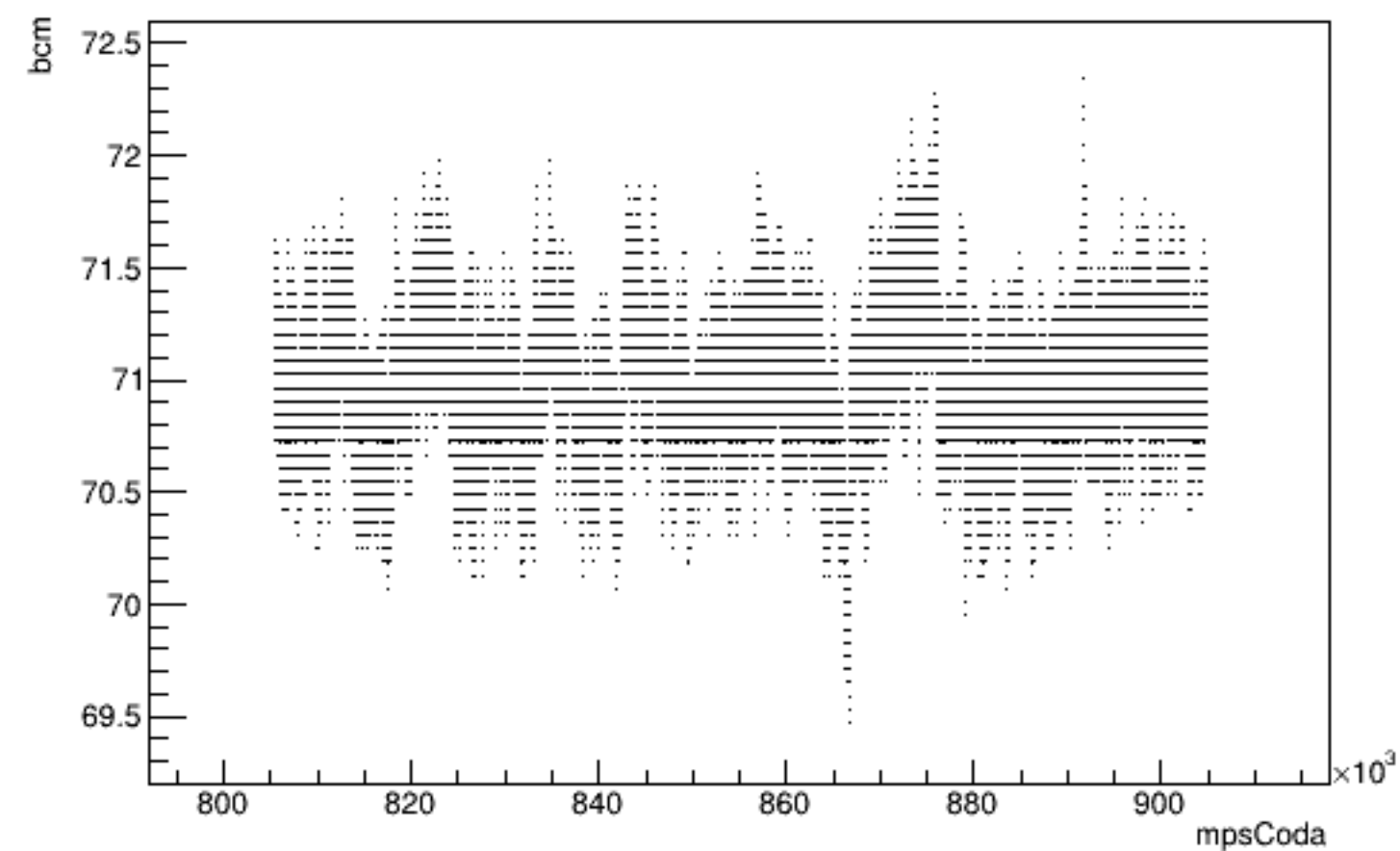
beamState + 1:mpsCoda {mpsCoda>=805305 && mpsCoda<=904760}



cavPowerCalibrated:mpsCoda {mpsCoda>=805305 && mpsCoda<=904760}



bcm:mpsCoda {mpsCoda>=805305 && mpsCoda<=904760}



Cycle 18, Diffs

Entries: 4333

Mean: 0.0216 +/- 0.0042

Std Dev: 0.2739 +/- 0.0029

Entries: 4624

Mean: 0.1483 +/- 0.0050

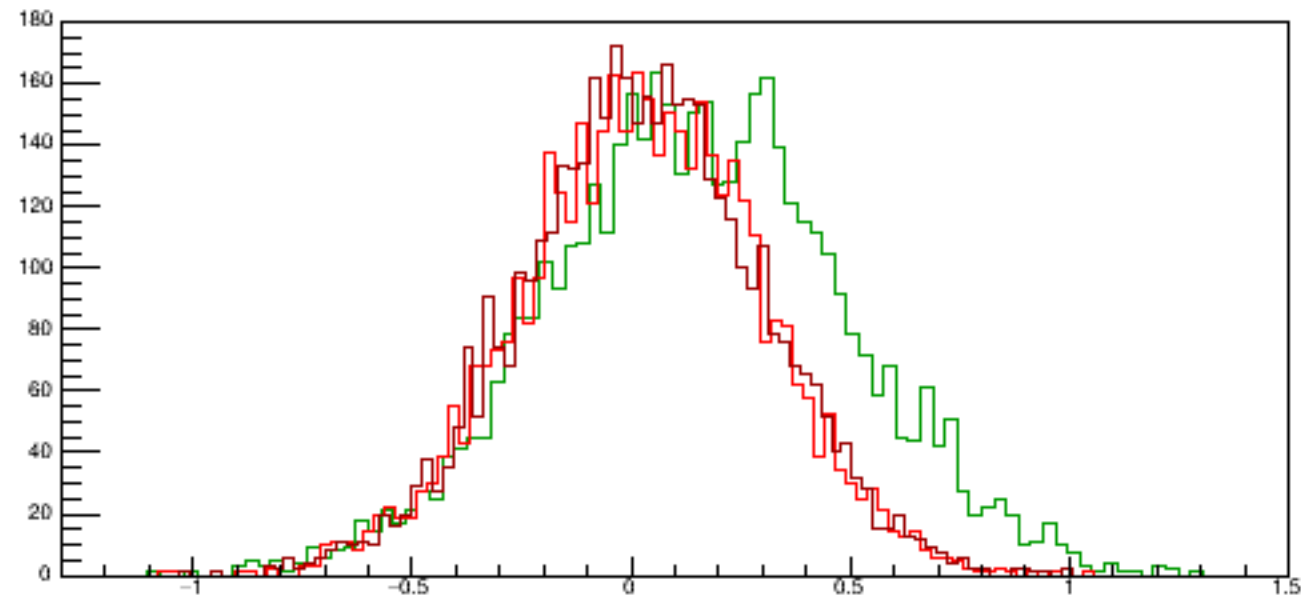
Std Dev: 0.3408 +/- 0.0035

Entries: 4531

Mean: 0.0222 +/- 0.0041

Std Dev: 0.2754 +/- 0.0029

Run 4576 quartetwise, Diffs



Cycle 18, Sums

Entries: 4333

Mean: 14.4961 +/- 0.0067

Std Dev: 0.4432 +/- 0.0048

Entries: 4624

Mean: 22.9514 +/- 0.0097

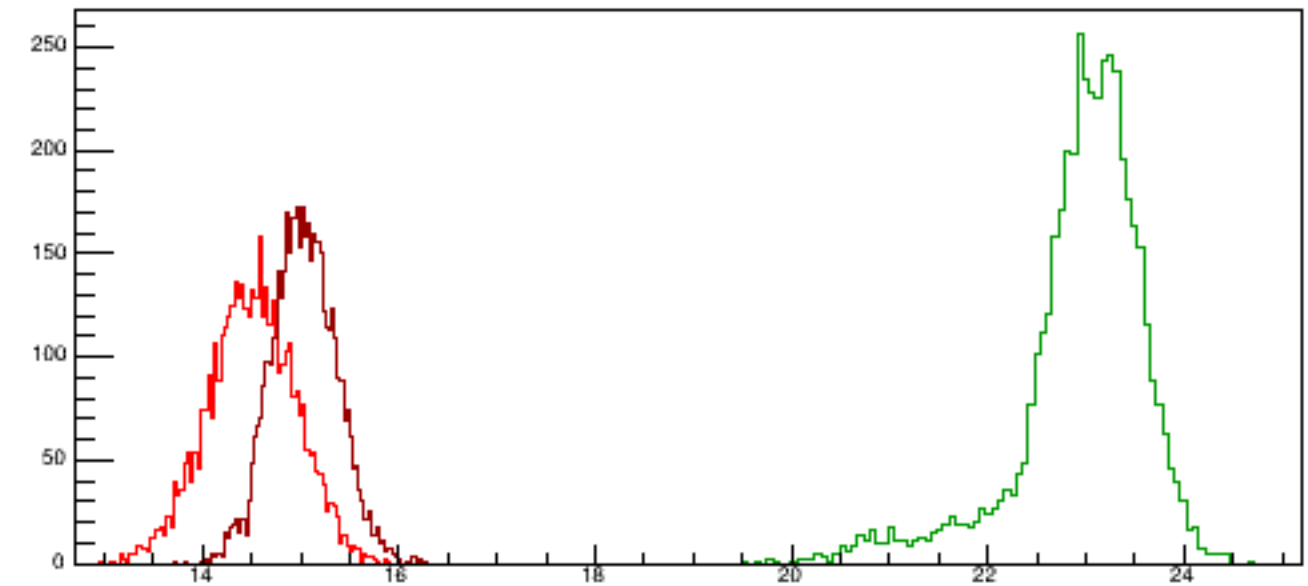
Std Dev: 0.6576 +/- 0.0068

Entries: 4531

Mean: 15.0304 +/- 0.0049

Std Dev: 0.3294 +/- 0.0035

Run 4576 quartetwise, Sums



Cycle 18, Asyms

Entries: 4333

Mean: 0.0026 +/- 0.0005

Std Dev: 0.0335 +/- 0.0004

Entries: 4624

Mean: 0.0181 +/- 0.0006

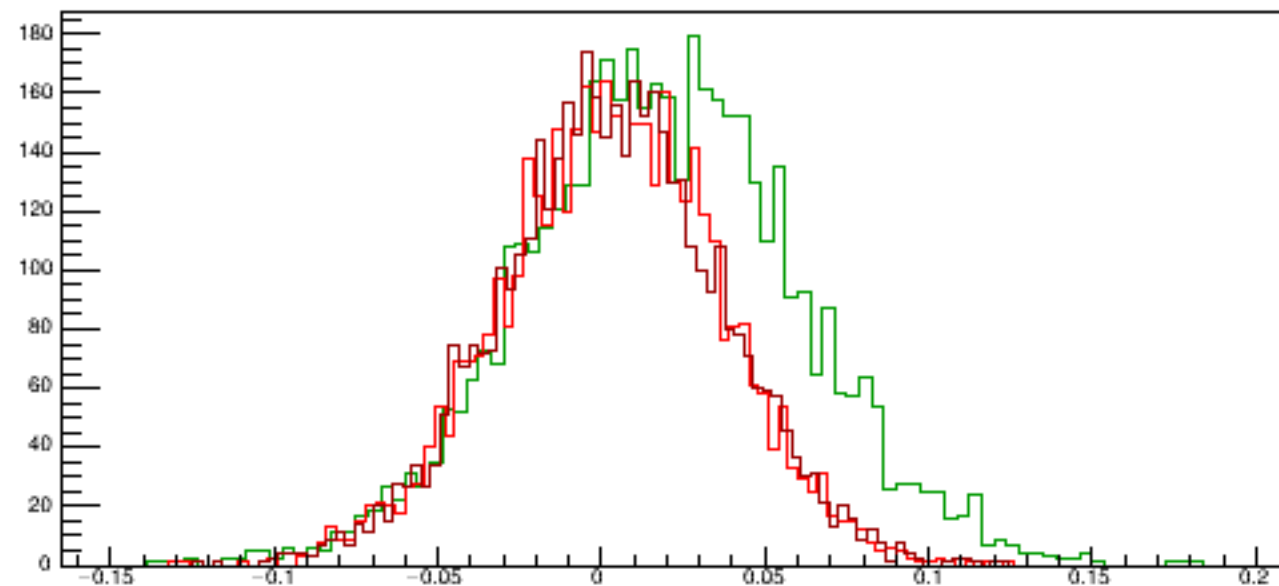
Std Dev: 0.0422 +/- 0.0004

Entries: 4531

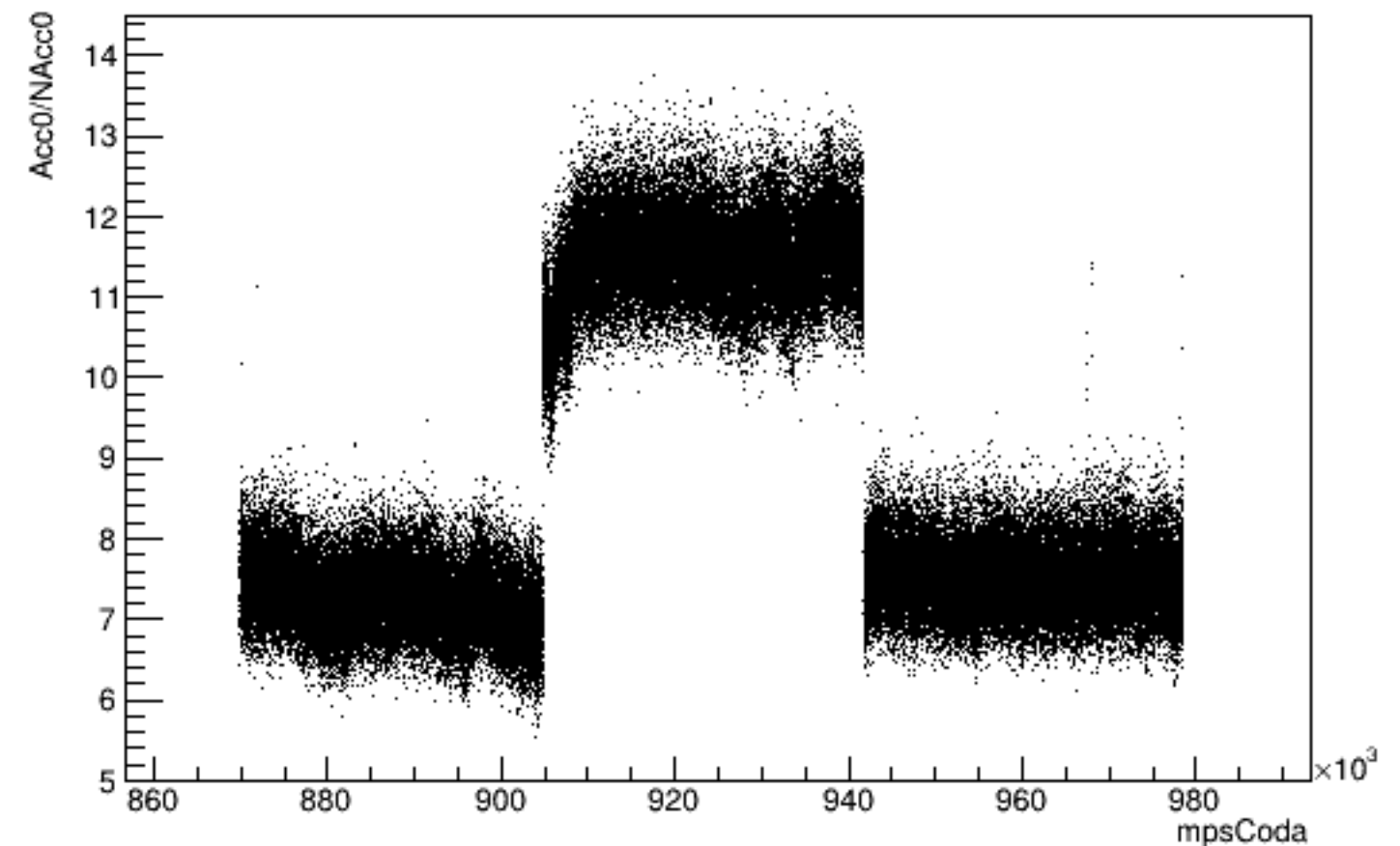
Mean: 0.0027 +/- 0.0005

Std Dev: 0.0336 +/- 0.0004

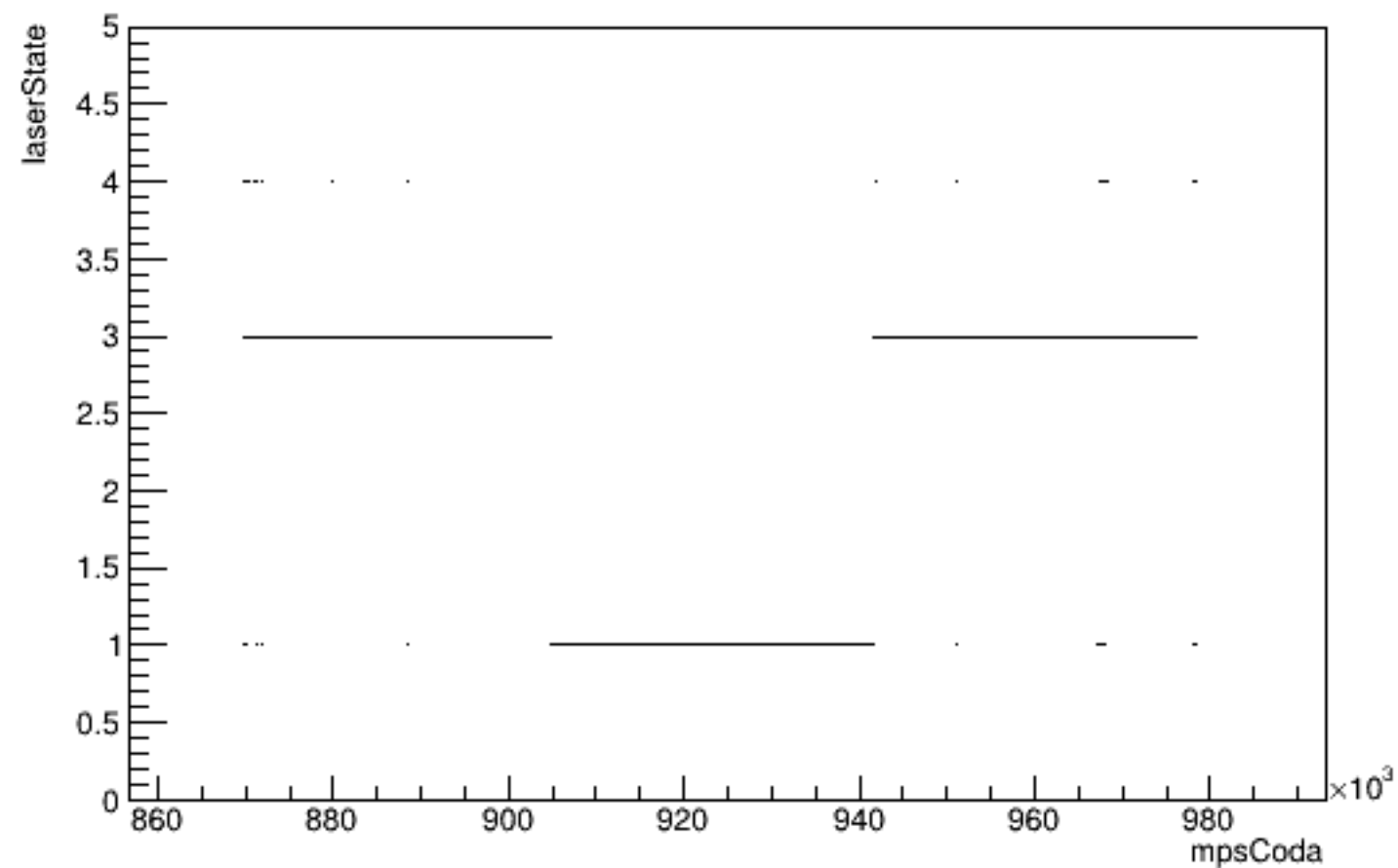
Run 4576 quartetwise, Asyms



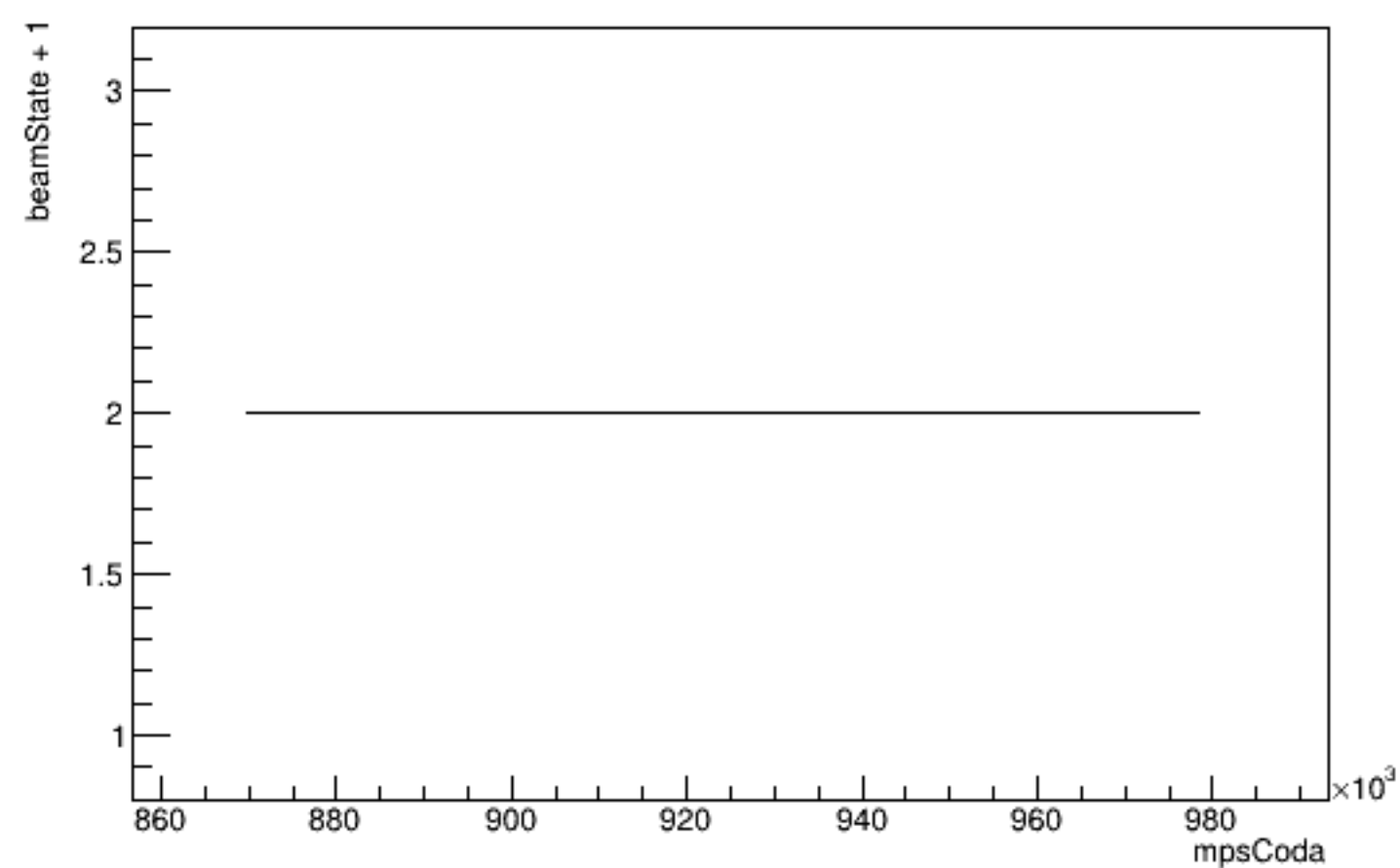
Acc0/NAcc0:mpsCoda {mpsCoda>=869913 && mpsCoda<=978448 && beamState==1}



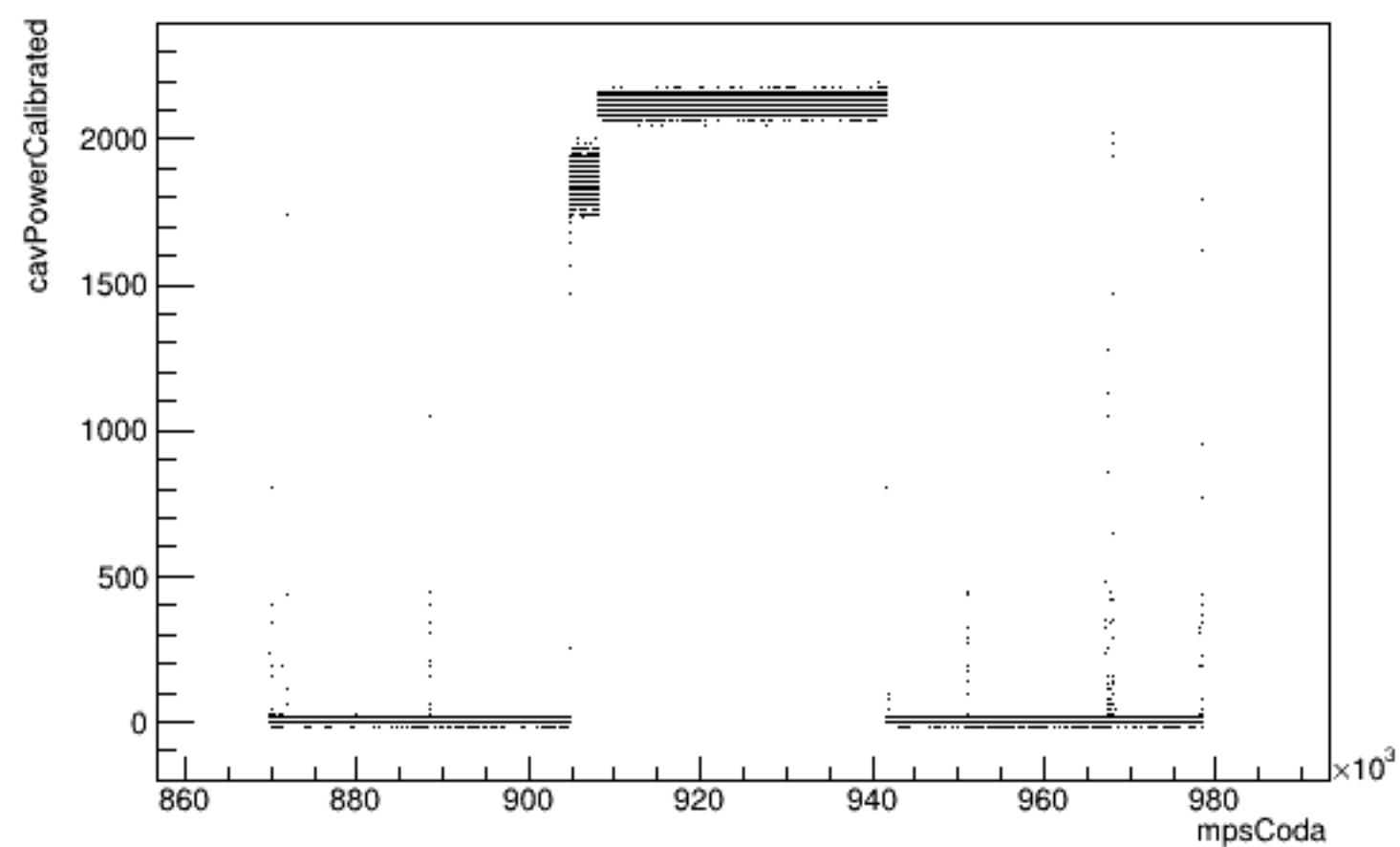
laserState:mpsCoda {mpsCoda>=869913 && mpsCoda<=978448}



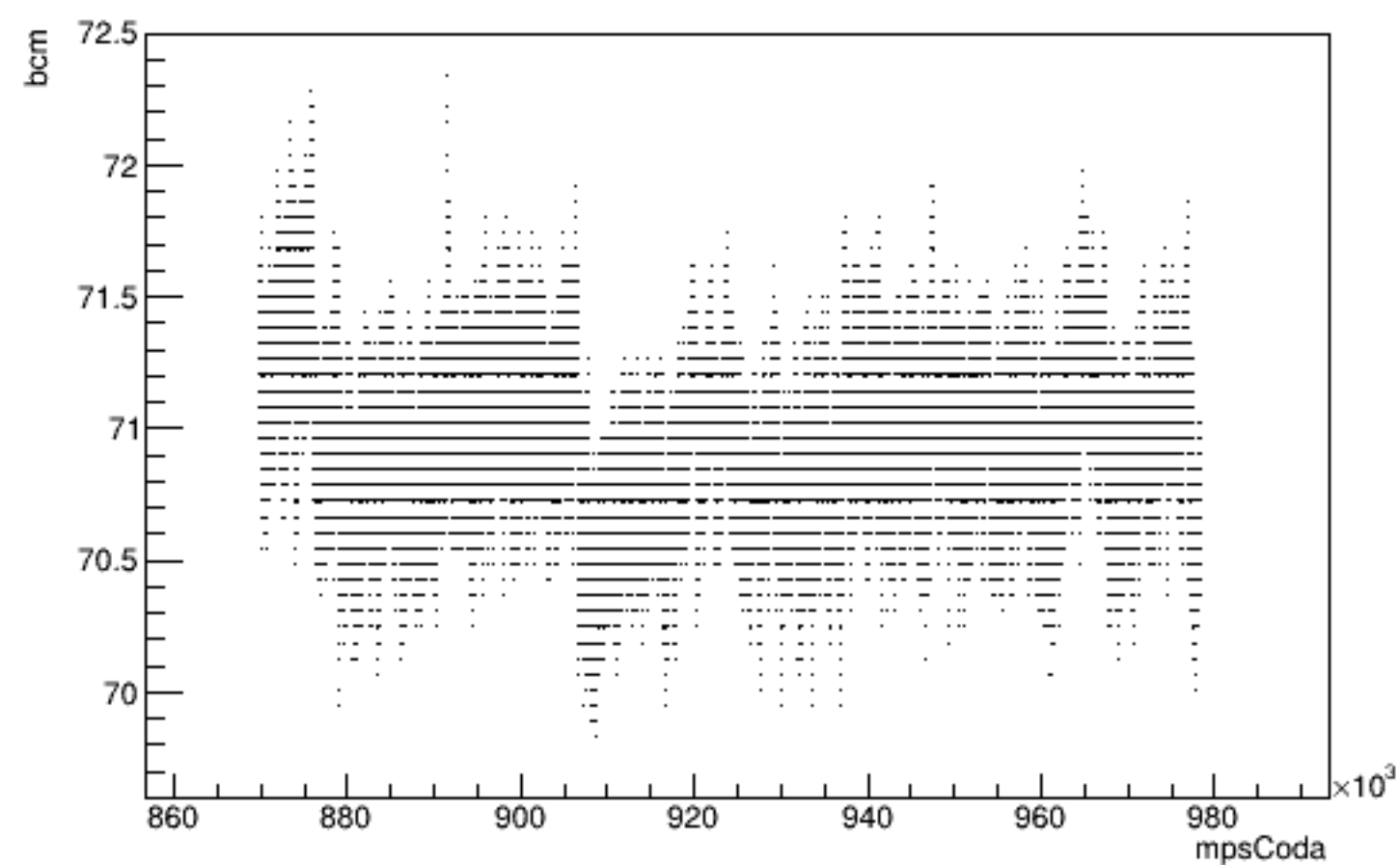
beamState + 1:mpsCoda {mpsCoda>=869913 && mpsCoda<=978448}



cavPowerCalibrated:mpsCoda {mpsCoda>=869913 && mpsCoda<=978448}



bcm:mpsCoda {mpsCoda>=869913 && mpsCoda<=978448}



Cycle 19, Diffs

Entries: 4531

Mean: 0.0222 +/- 0.0041

Std Dev: 0.2754 +/- 0.0029

Entries: 4636

Mean: 0.1401 +/- 0.0050

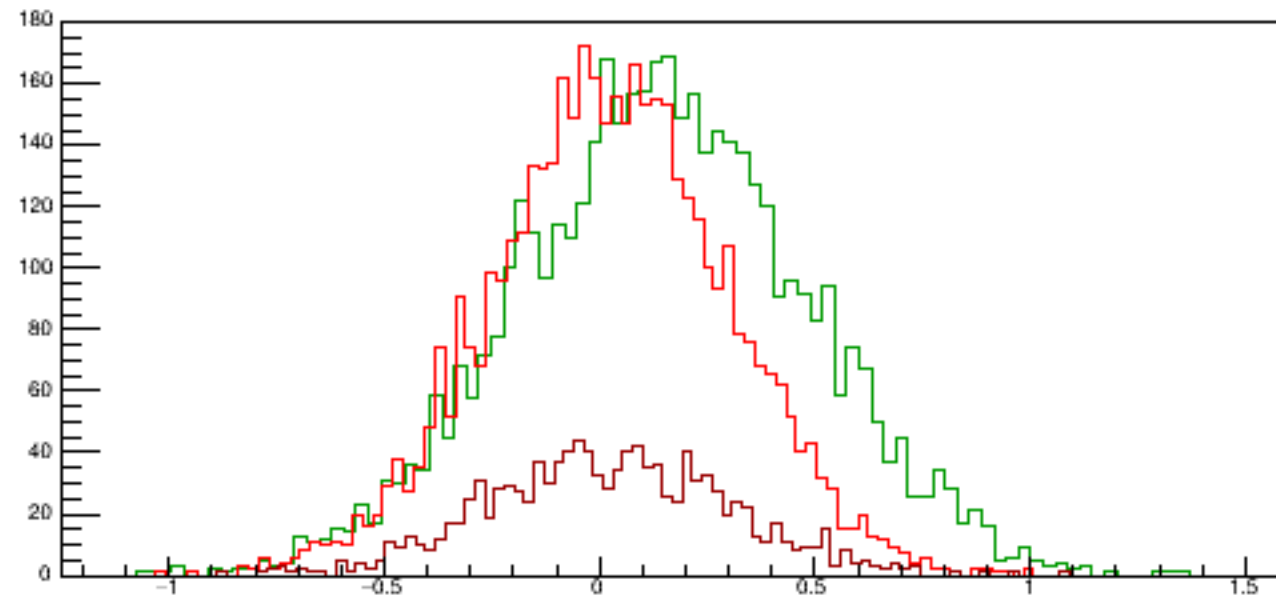
Std Dev: 0.3393 +/- 0.0035

Entries: 1163

Mean: 0.0220 +/- 0.0082

Std Dev: 0.2811 +/- 0.0058

Run 4576 quartetwise, Diffs



Cycle 19, Sums

Entries: 4531

Mean: 15.0304 +/- 0.0049

Std Dev: 0.3294 +/- 0.0035

Entries: 4636

Mean: 22.8375 +/- 0.0090

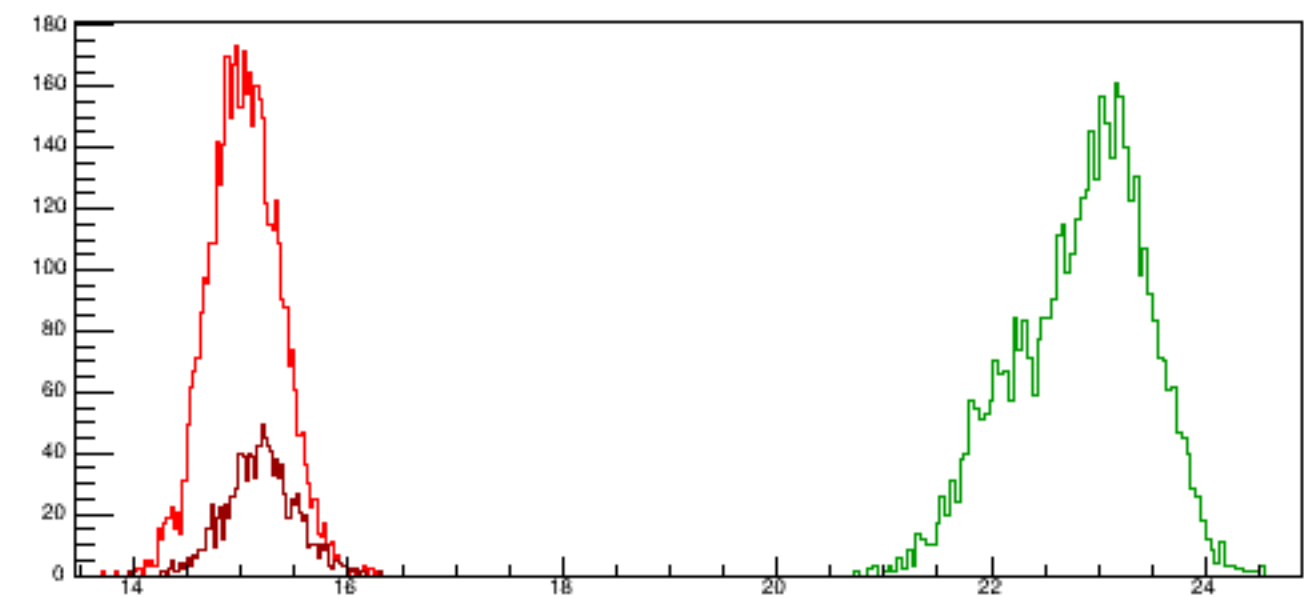
Std Dev: 0.6155 +/- 0.0064

Entries: 1163

Mean: 15.1805 +/- 0.0095

Std Dev: 0.3239 +/- 0.0067

Run 4576 quartetwise, Sums



Cycle 19, Asyms

Entries: 4531

Mean: 0.0029 +/- 0.0005

Std Dev: 0.0356 +/- 0.0004

Entries: 4636

Mean: 0.0183 +/- 0.0006

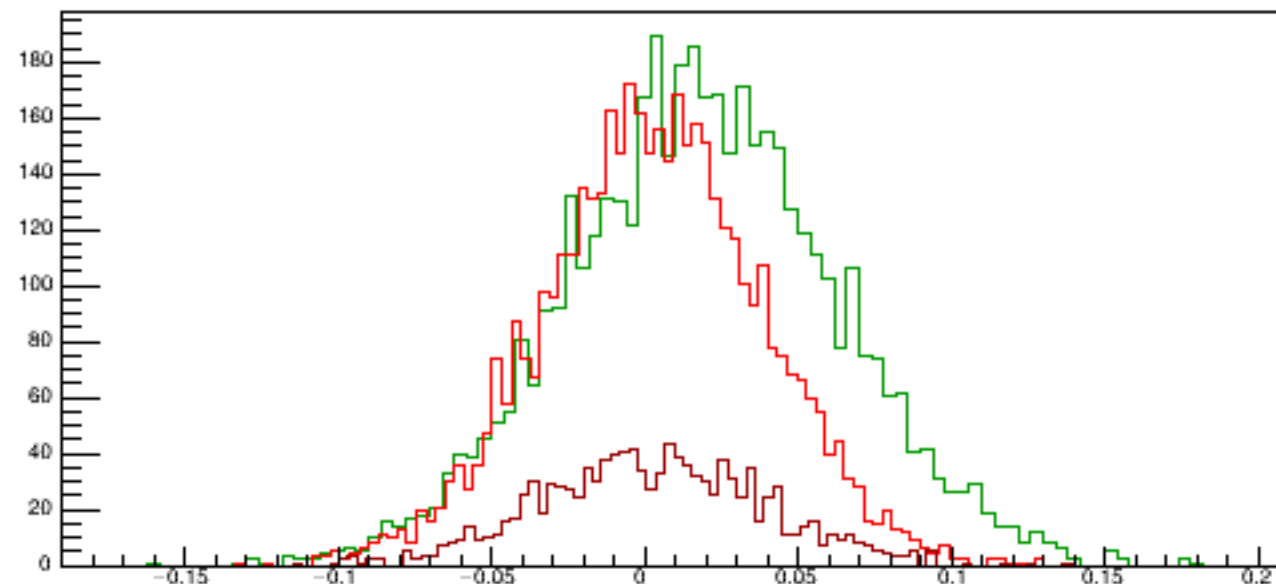
Std Dev: 0.0442 +/- 0.0005

Entries: 1163

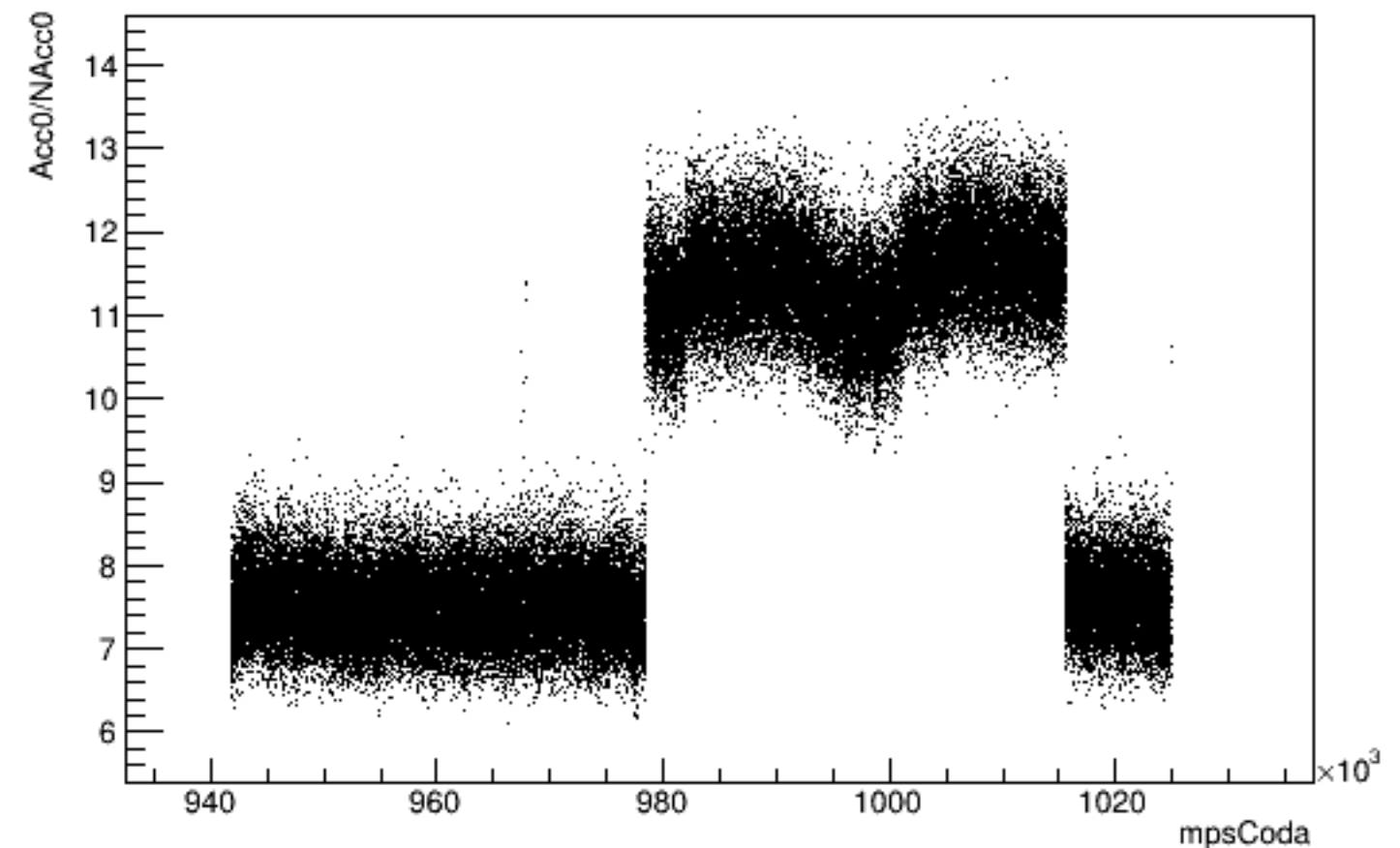
Mean: 0.0028 +/- 0.0011

Std Dev: 0.0364 +/- 0.0008

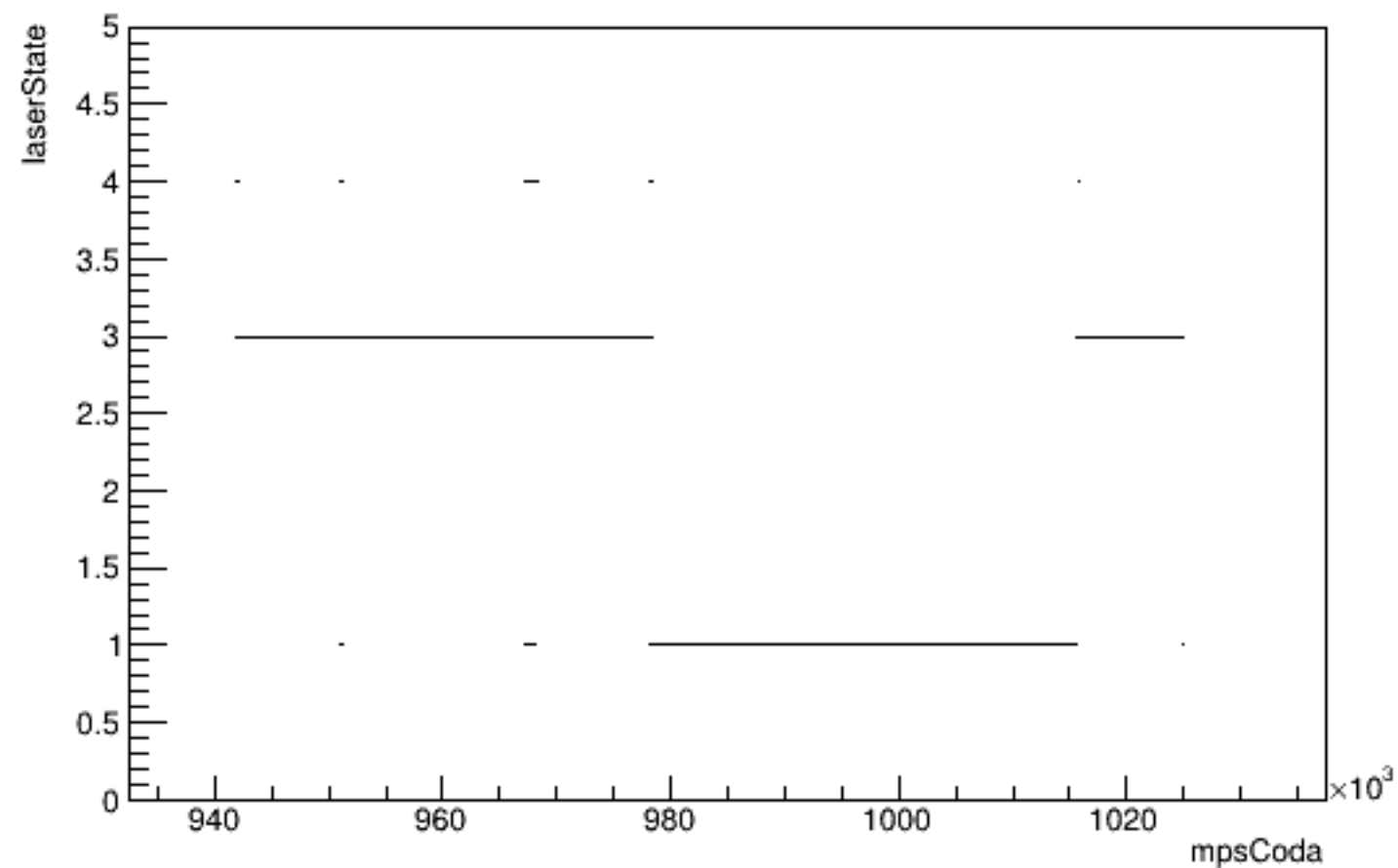
Run 4576 quartetwise, Asyms



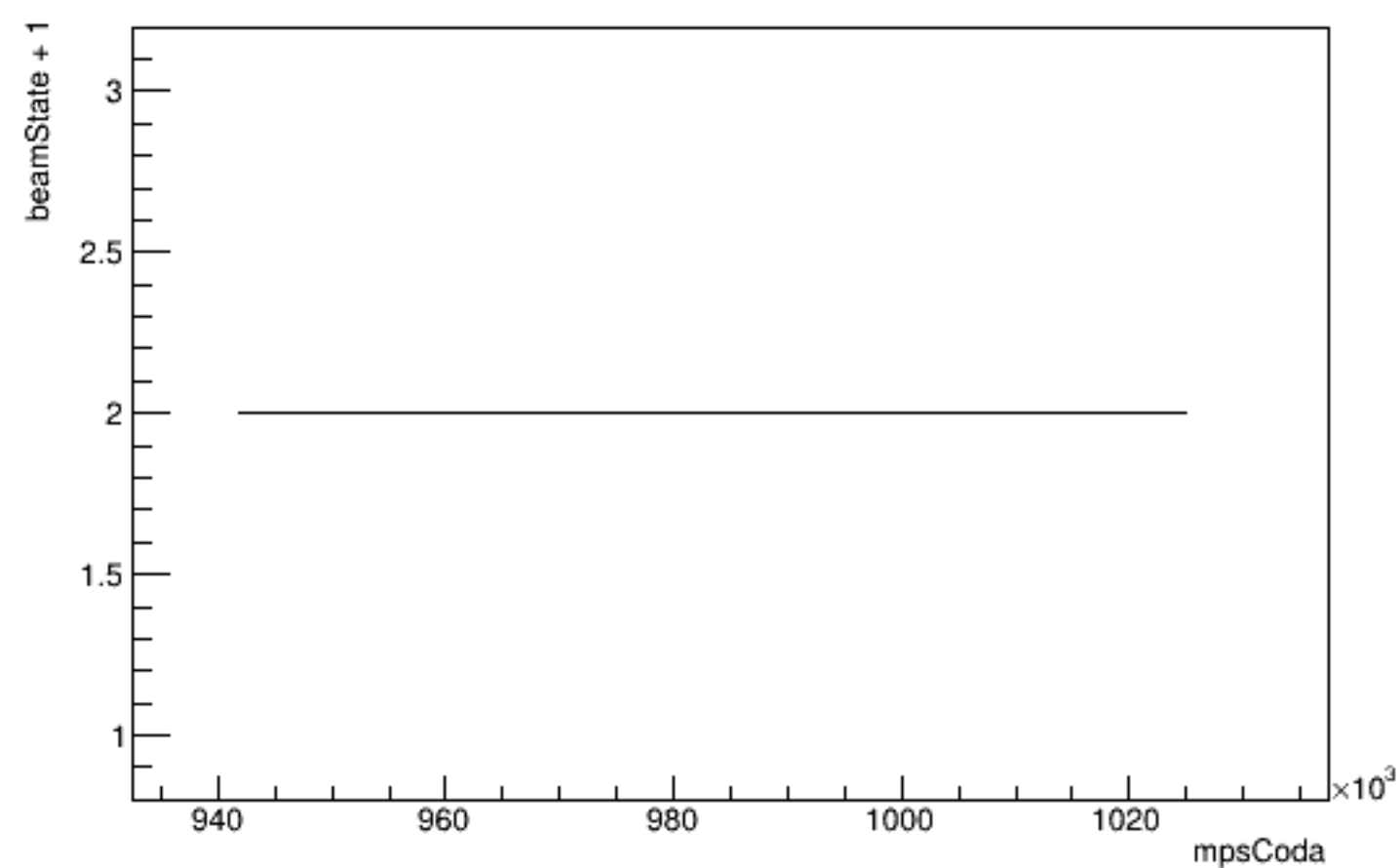
Acc0/NAcc0:mpsCoda (mpsCoda>=941761 && mpsCoda<=1024864 && beamState==1)



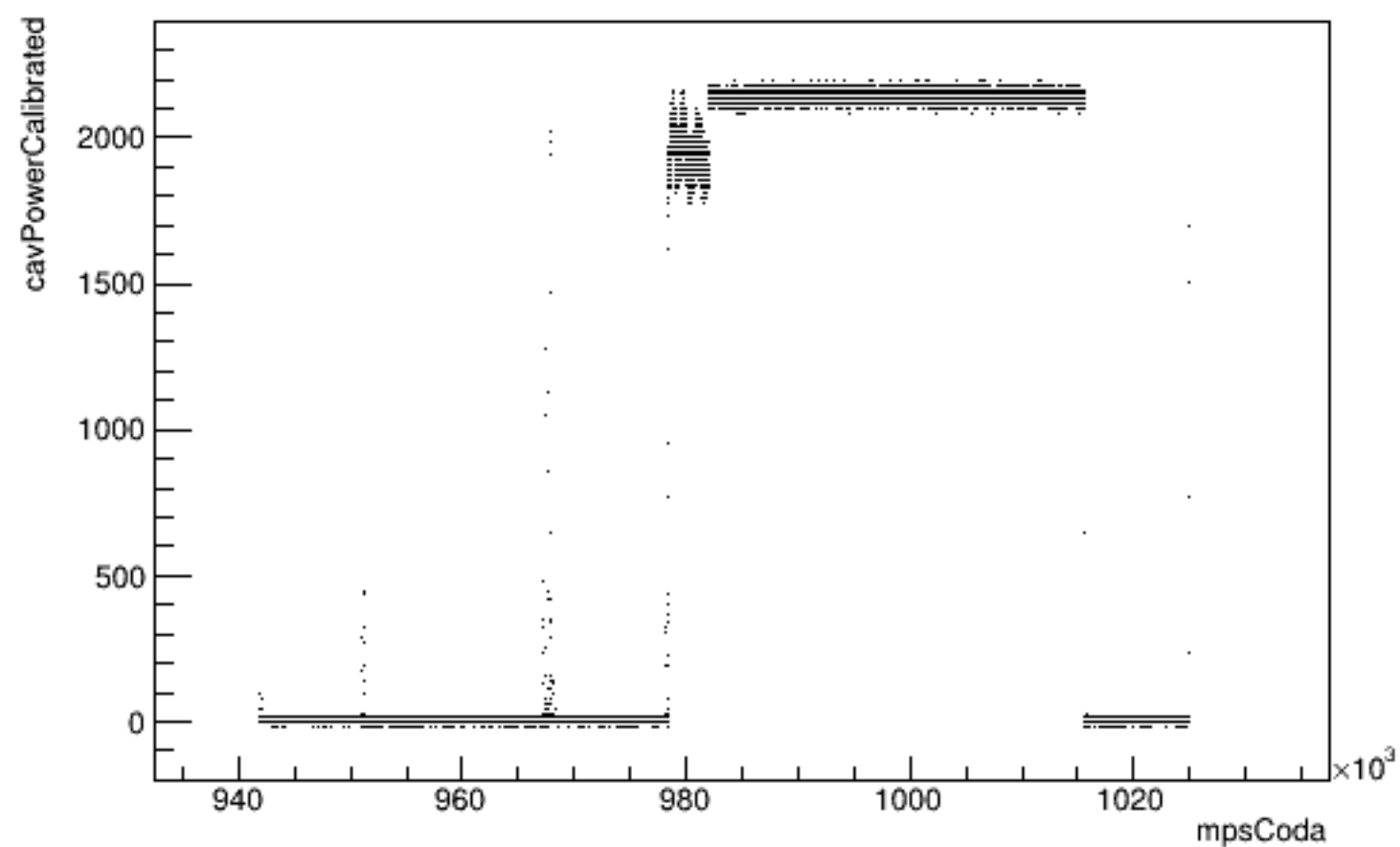
laserState:mpsCoda {mpsCoda>=941761 && mpsCoda<=1024864}



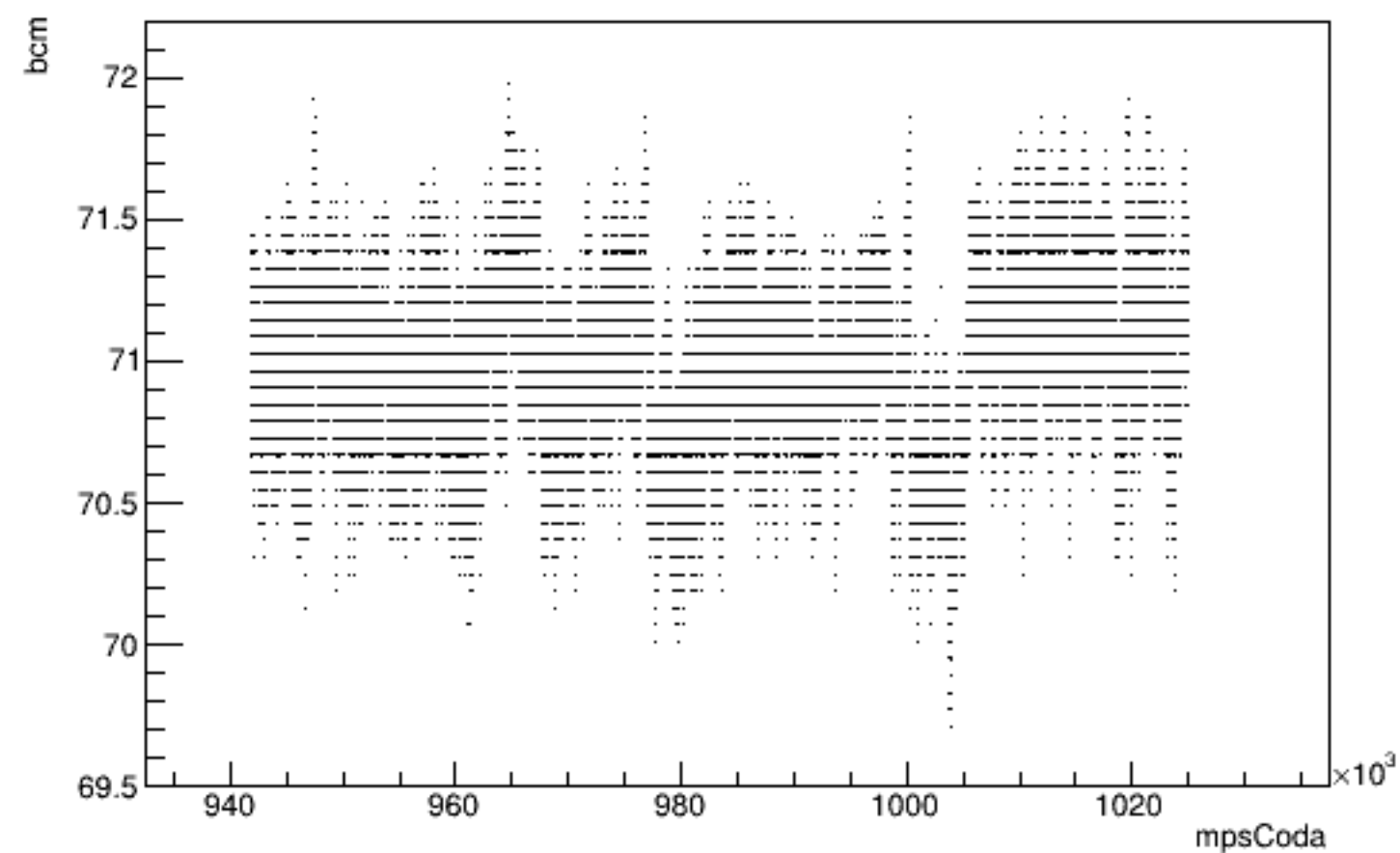
beamState + 1:mpsCoda {mpsCoda>=941761 && mpsCoda<=1024864}



cavPowerCalibrated:mpsCoda {mpsCoda>=941761 && mpsCoda<=1024864}



bcm:mpsCoda {mpsCoda>=941761 && mpsCoda<=1024864}



Cycle 20, Diffs

Entries: 1163

Mean: 0.0220 +/- 0.0082

Std Dev: 0.2811 +/- 0.0058

Entries: 4553

Mean: 0.1378 +/- 0.0050

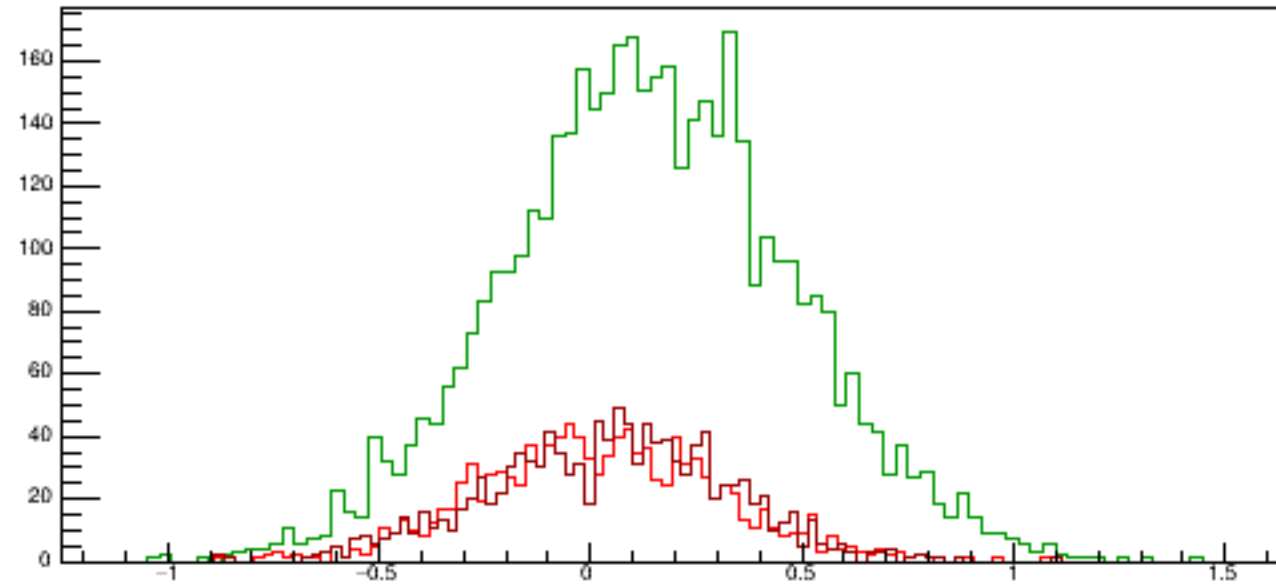
Std Dev: 0.3384 +/- 0.0035

Entries: 1201

Mean: 0.0423 +/- 0.0081

Std Dev: 0.2794 +/- 0.0057

Run 4576 quartetwise, Diffs



Cycle 20, Sums

Entries: 1163

Mean: 15.1805 +/- 0.0095

Std Dev: 0.3239 +/- 0.0067

Entries: 4553

Mean: 22.7349 +/- 0.0073

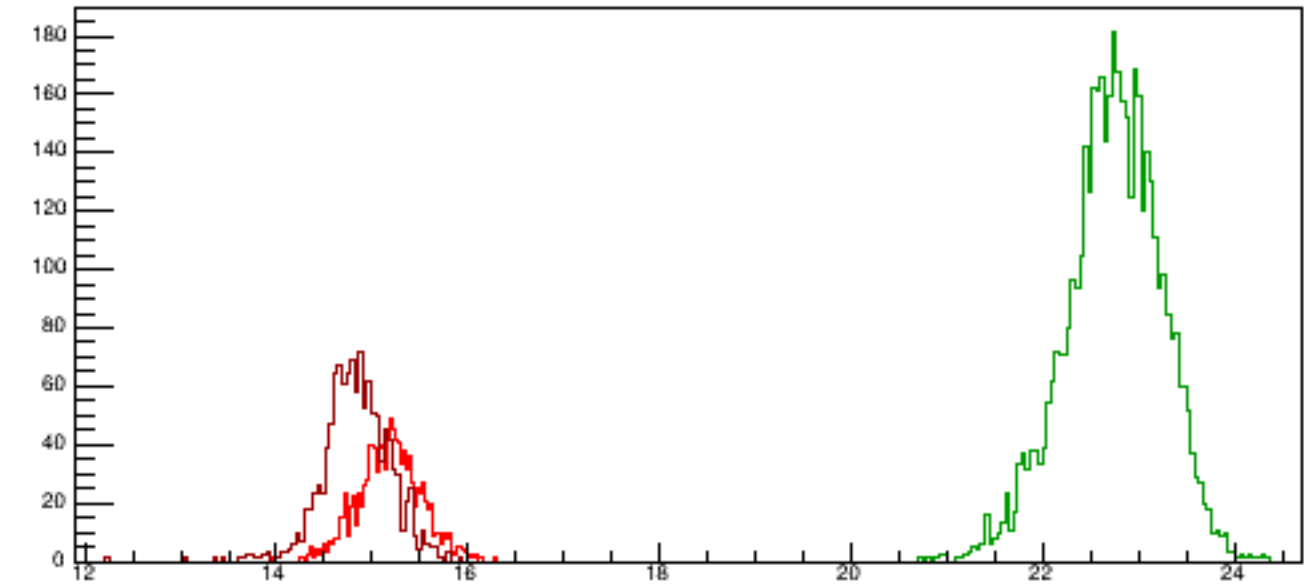
Std Dev: 0.4955 +/- 0.0052

Entries: 1201

Mean: 14.8416 +/- 0.0100

Std Dev: 0.3473 +/- 0.0071

Run 4576 quartetwise, Sums



Cycle 20, Asyms

Entries: 1163

Mean: 0.0028 +/- 0.0011

Std Dev: 0.0364 +/- 0.0008

Entries: 4553

Mean: 0.0179 +/- 0.0006

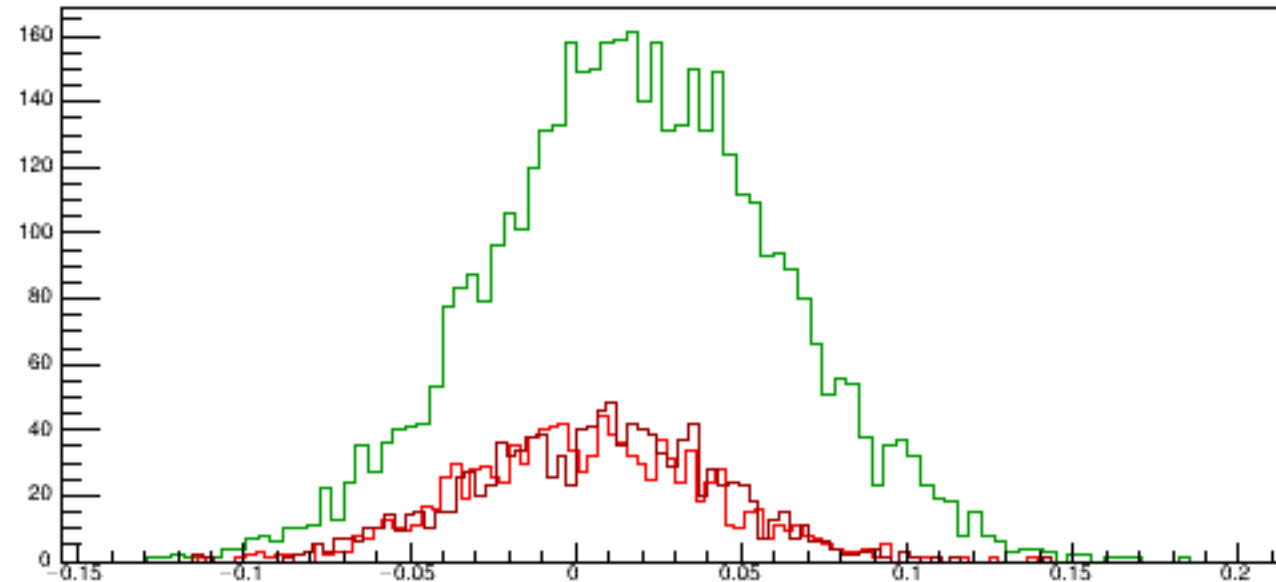
Std Dev: 0.0438 +/- 0.0005

Entries: 1201

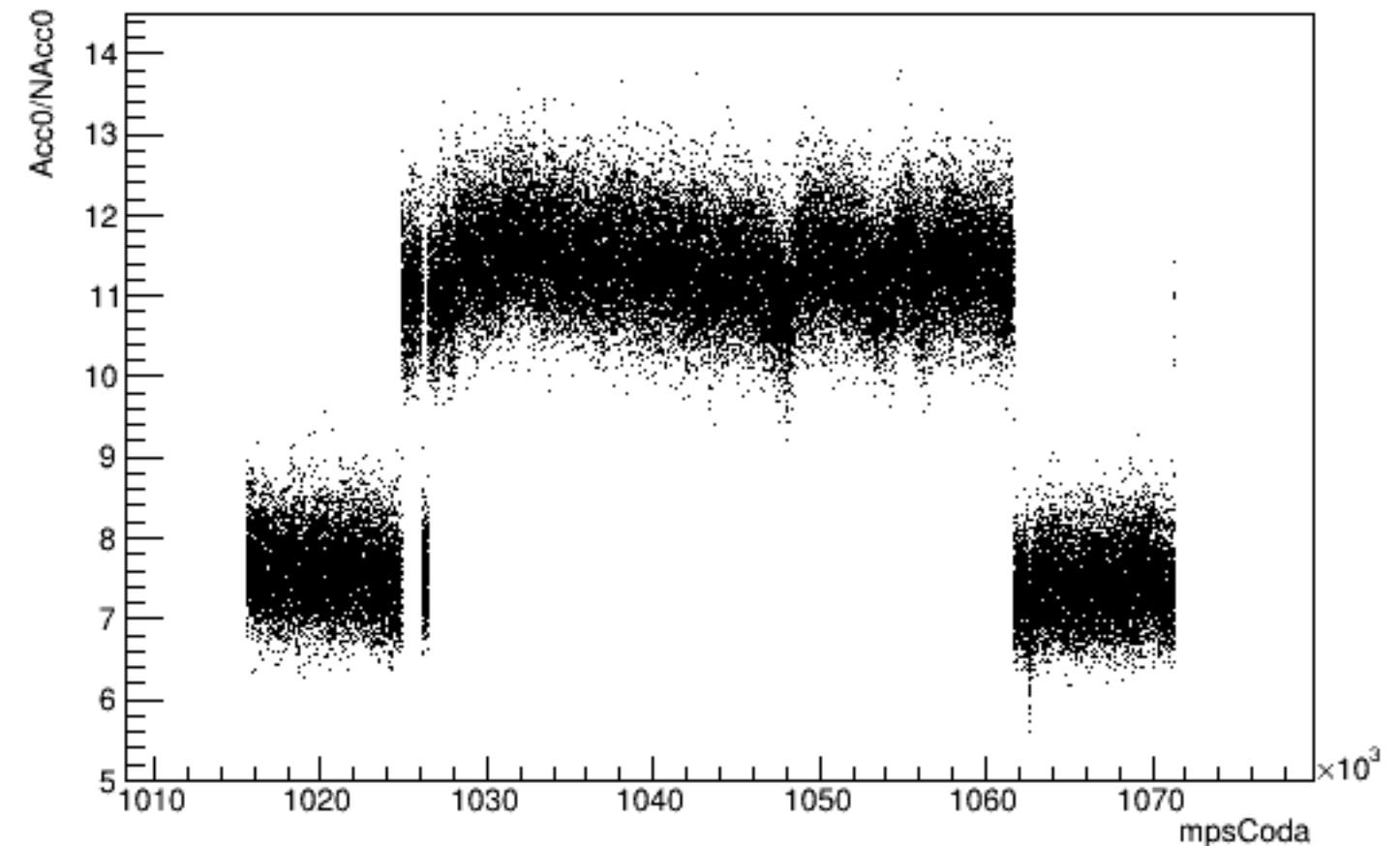
Mean: 0.0055 +/- 0.0010

Std Dev: 0.0362 +/- 0.0007

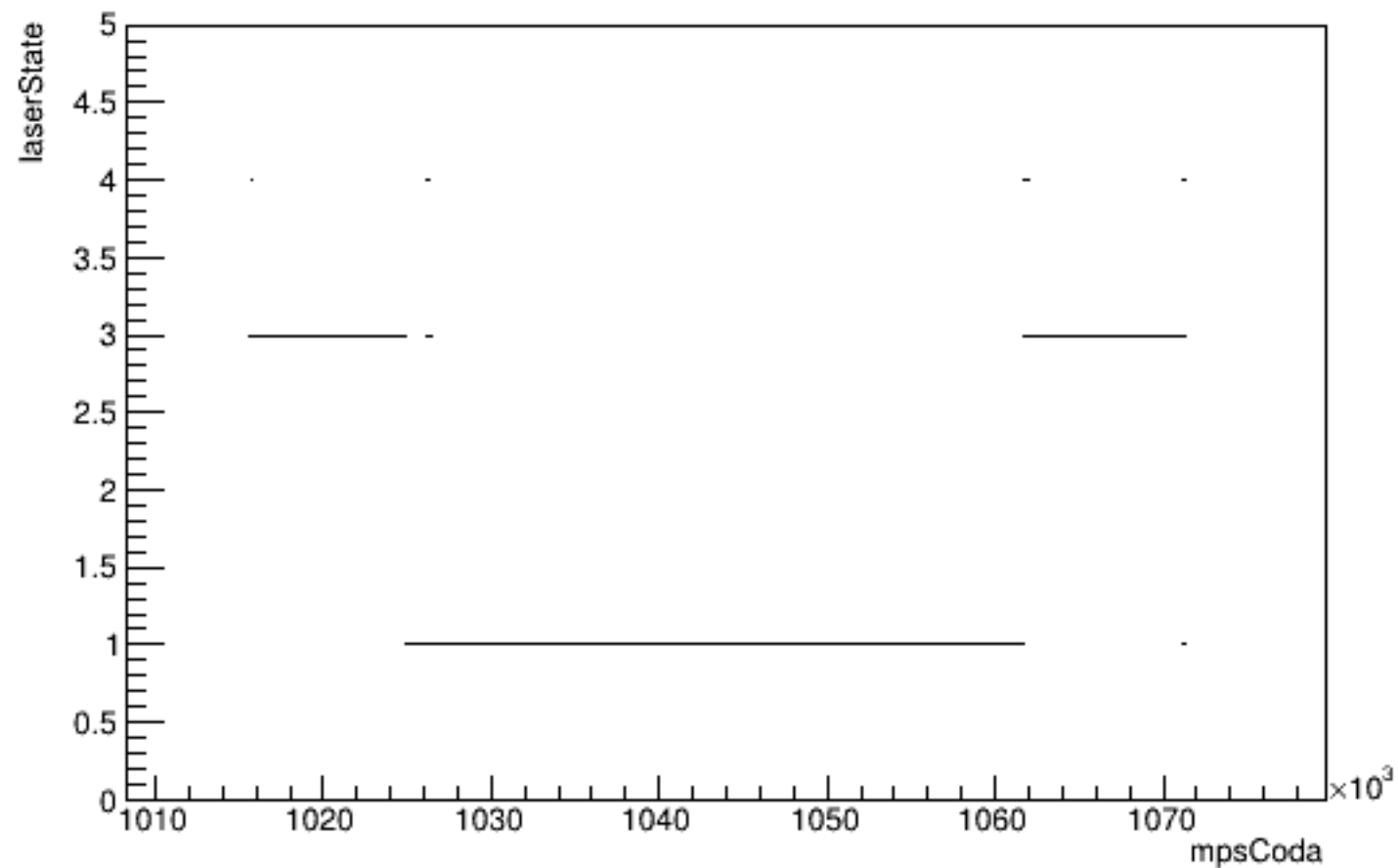
Run 4576 quartetwise, Asyms



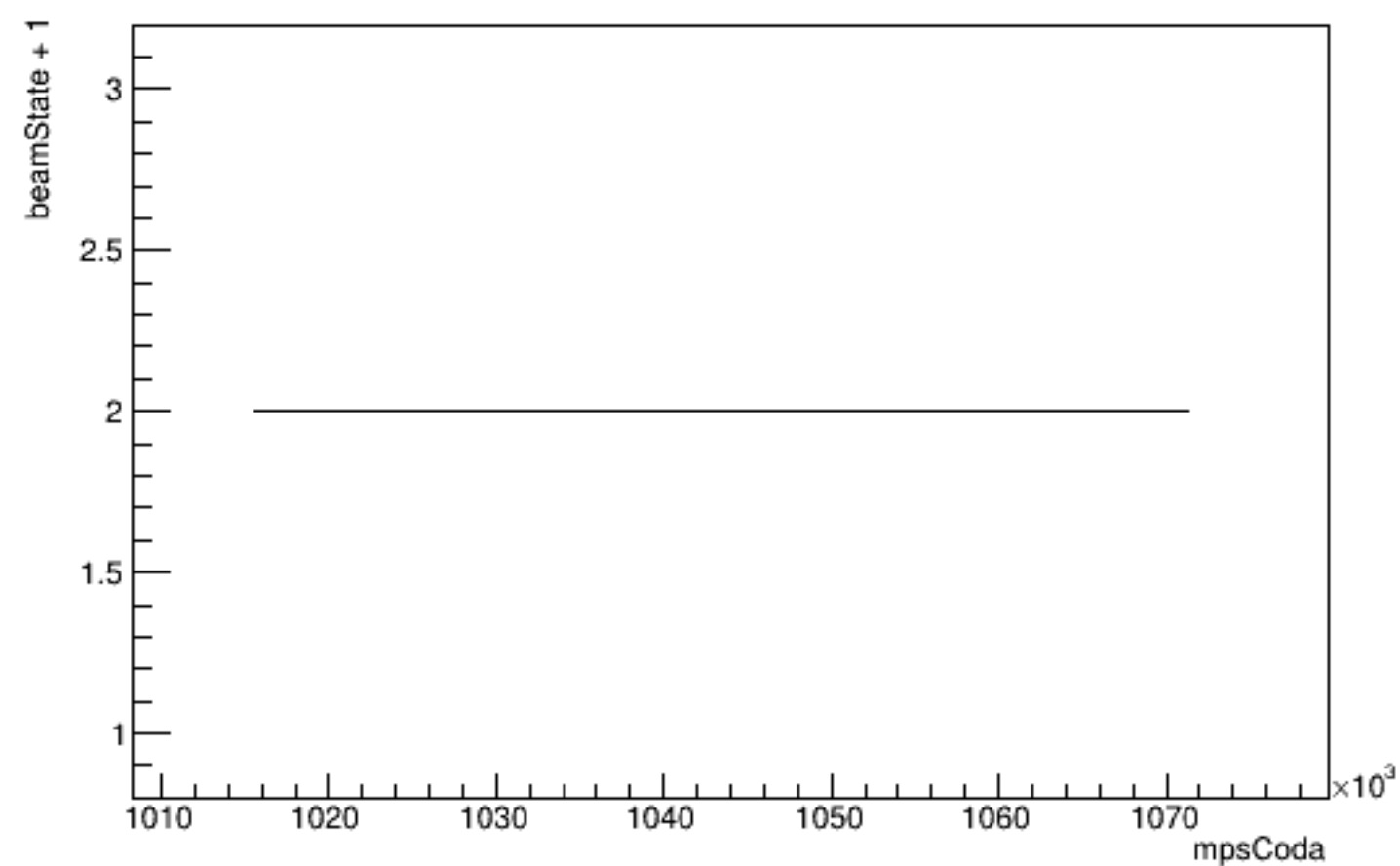
Acc0/NAcc0:mpsCoda (mpsCoda>=1015545 && mpsCoda<=1071376 && beamState==1)



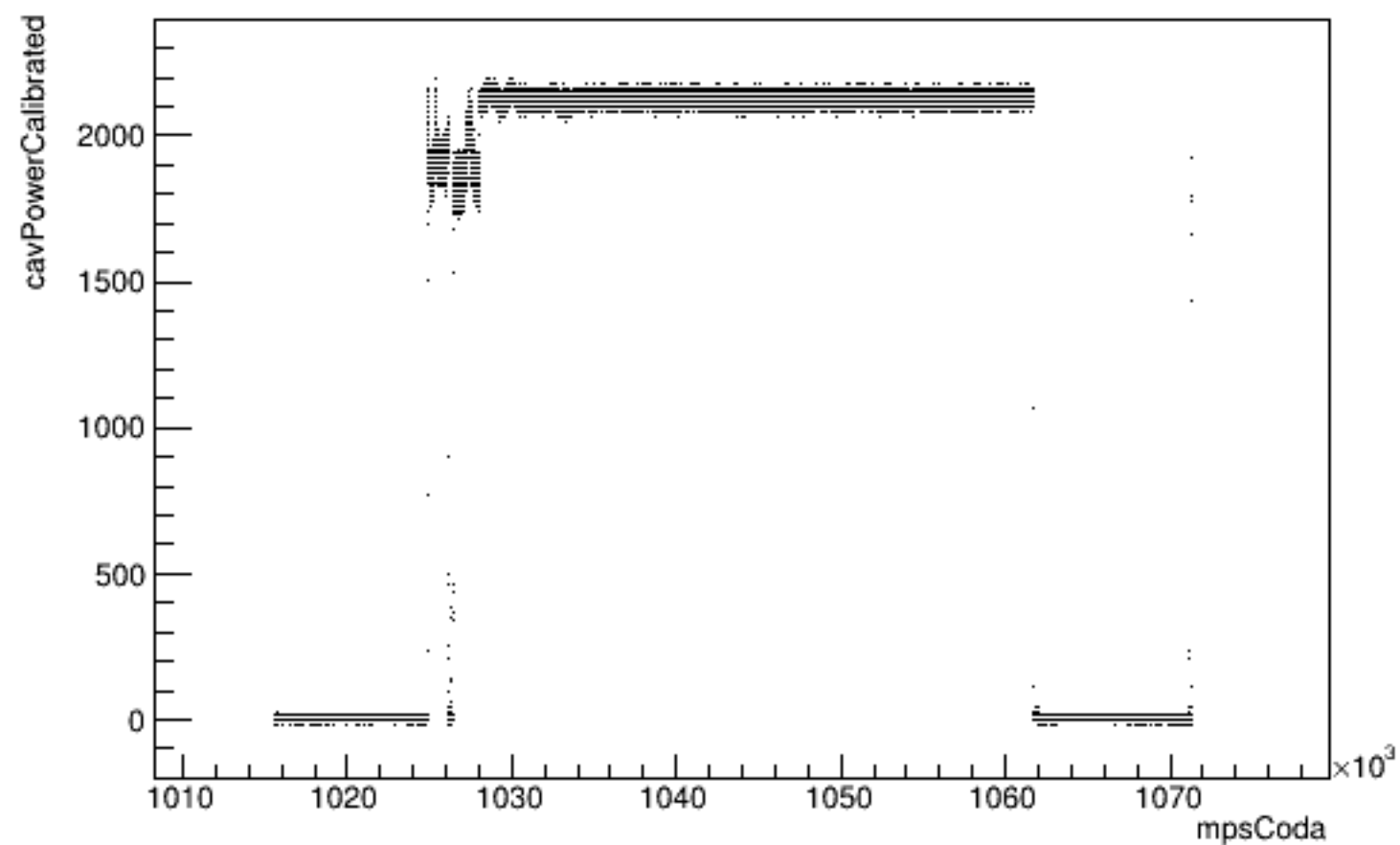
laserState:mpsCoda {mpsCoda>=1015545 && mpsCoda<=1071376}



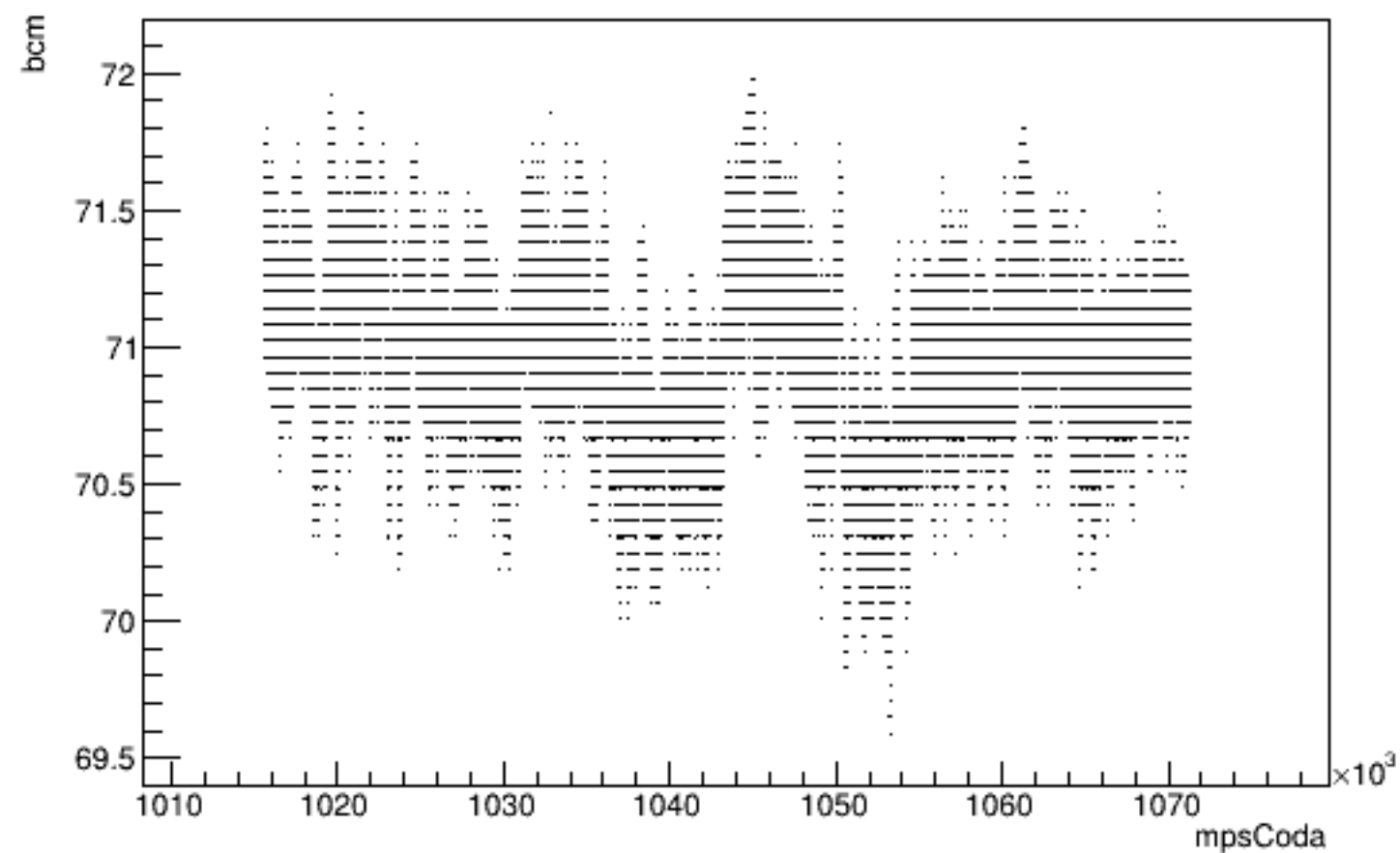
beamState + 1:mpsCoda {mpsCoda>=1015545 && mpsCoda<=1071376}



cavPowerCalibrated:mpsCoda {mpsCoda>=1015545 && mpsCoda<=1071376}



bcm:mpsCoda {mpsCoda>=1015545 && mpsCoda<=1071376}



Cycle 21, Diffs

Entries: 1201

Mean: 0.0423 +/- 0.0081

Std Dev: 0.2794 +/- 0.0057

Entries: 4672

Mean: 0.1456 +/- 0.0048

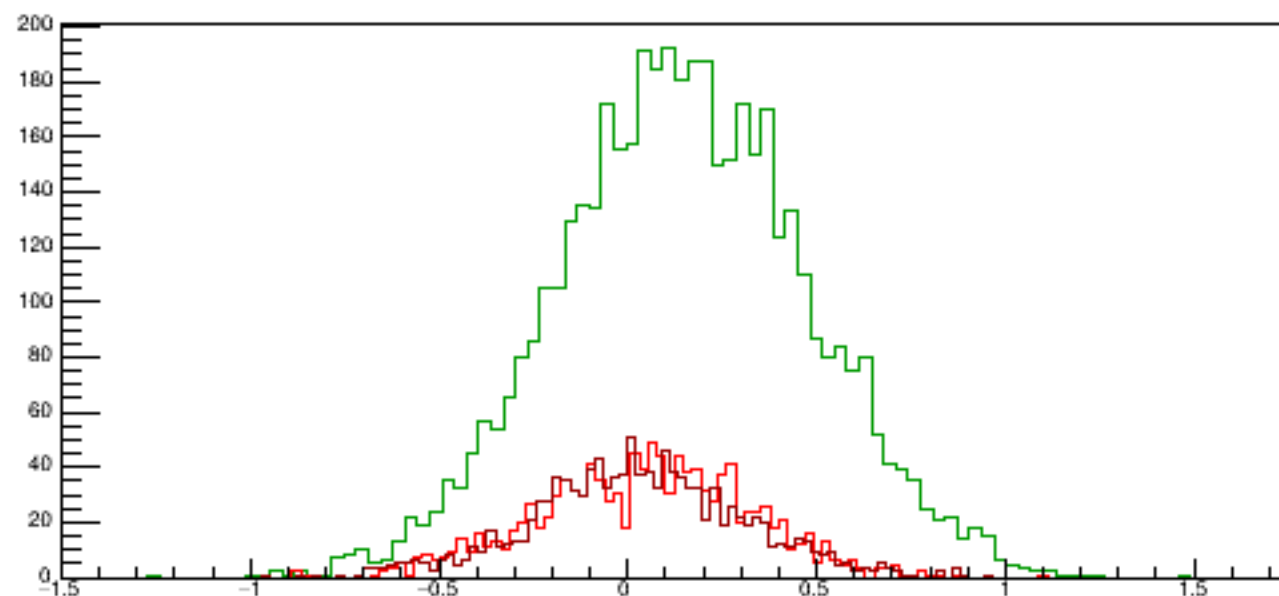
Std Dev: 0.3307 +/- 0.0034

Entries: 1198

Mean: 0.0270 +/- 0.0081

Std Dev: 0.2789 +/- 0.0057

Run 4576 quartetwise, Diffs



Cycle 21, Sums

Entries: 1201

Mean: 14.8416 +/- 0.0100

Std Dev: 0.3473 +/- 0.0071

Entries: 4672

Mean: 22.2635 +/- 0.0072

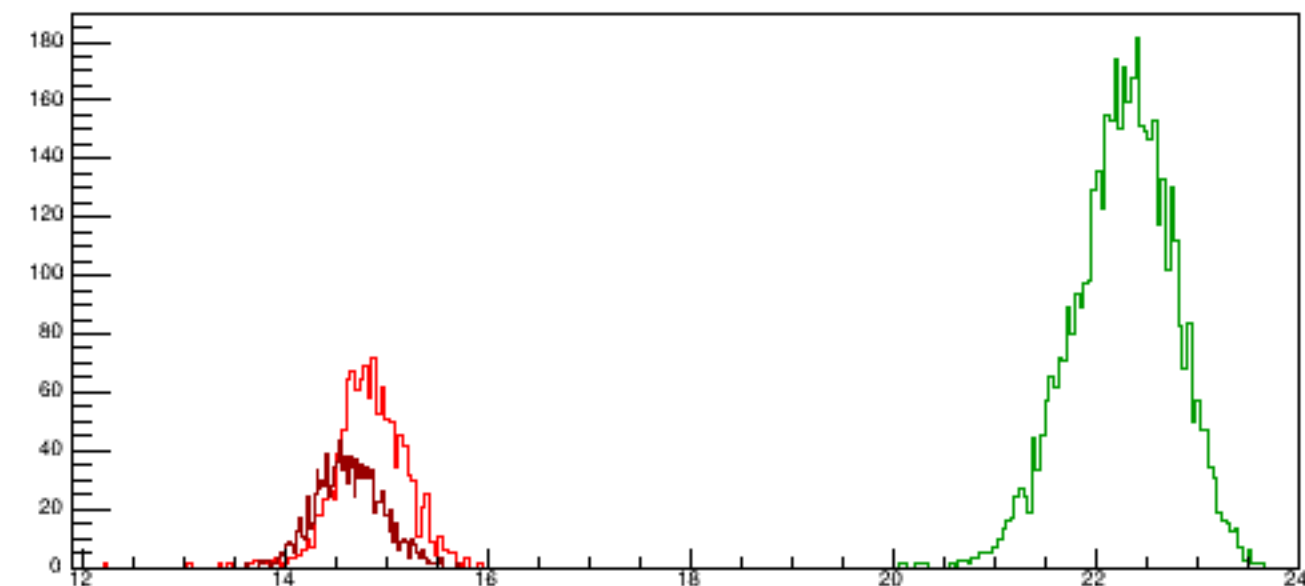
Std Dev: 0.4927 +/- 0.0051

Entries: 1198

Mean: 14.6297 +/- 0.0093

Std Dev: 0.3218 +/- 0.0066

Run 4576 quartetwise, Sums



Cycle 21, Asyms

Entries: 1201

Mean: 0.0056 +/- 0.0011

Std Dev: 0.0371 +/- 0.0008

Entries: 4672

Mean: 0.0193 +/- 0.0006

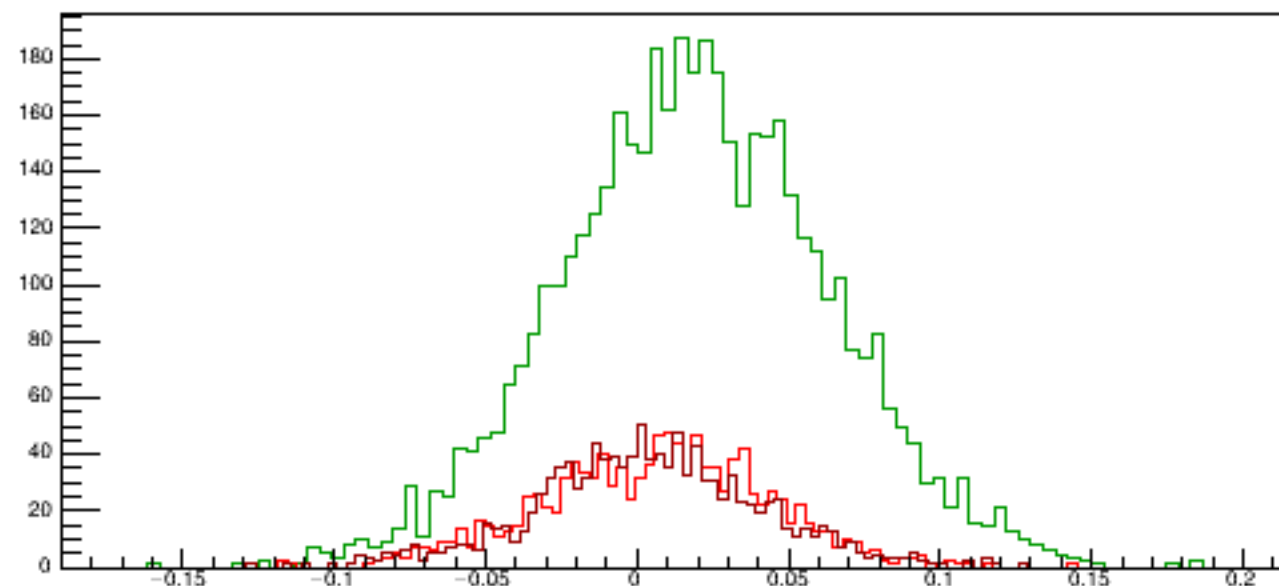
Std Dev: 0.0441 +/- 0.0005

Entries: 1198

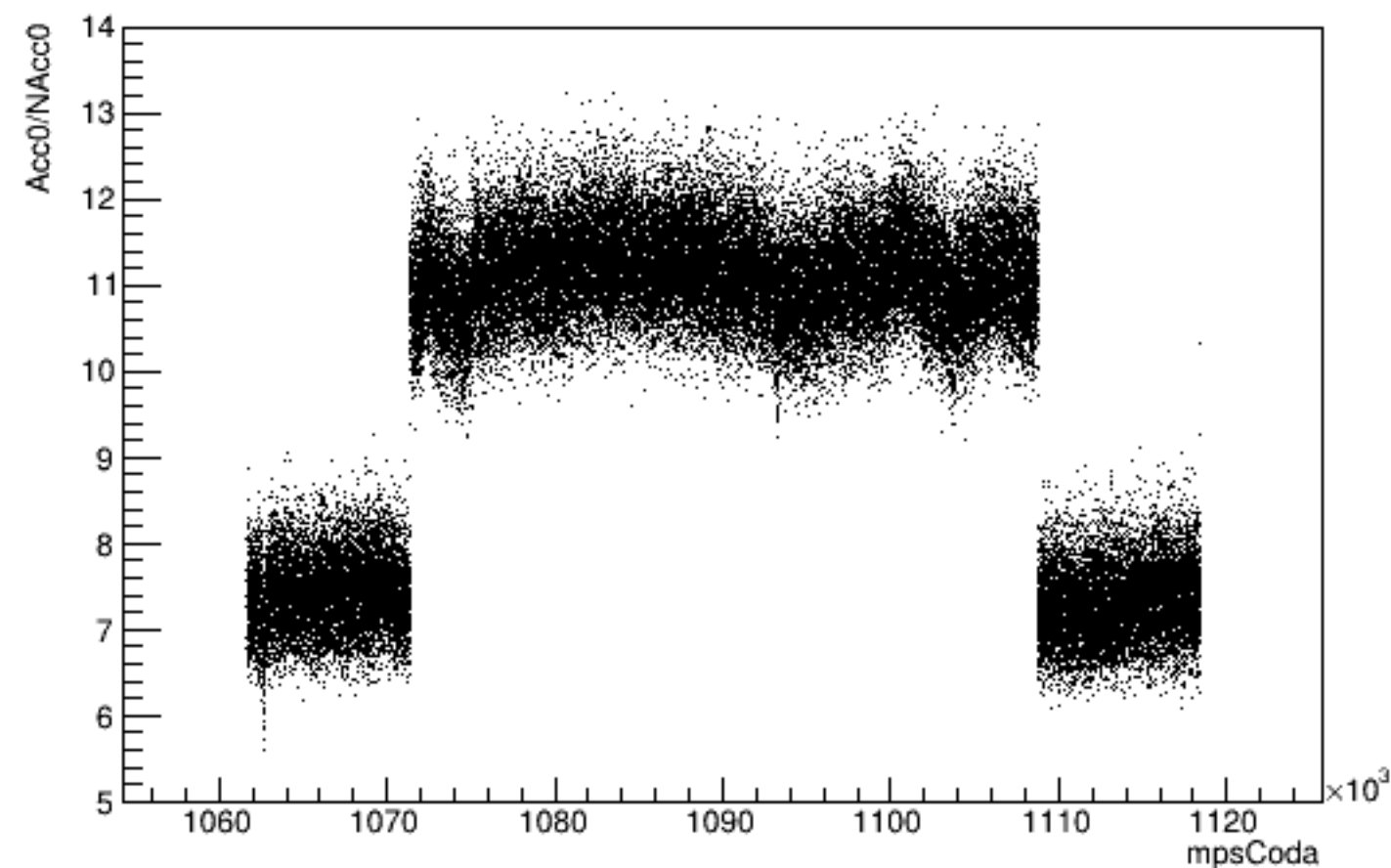
Mean: 0.0036 +/- 0.0011

Std Dev: 0.0371 +/- 0.0008

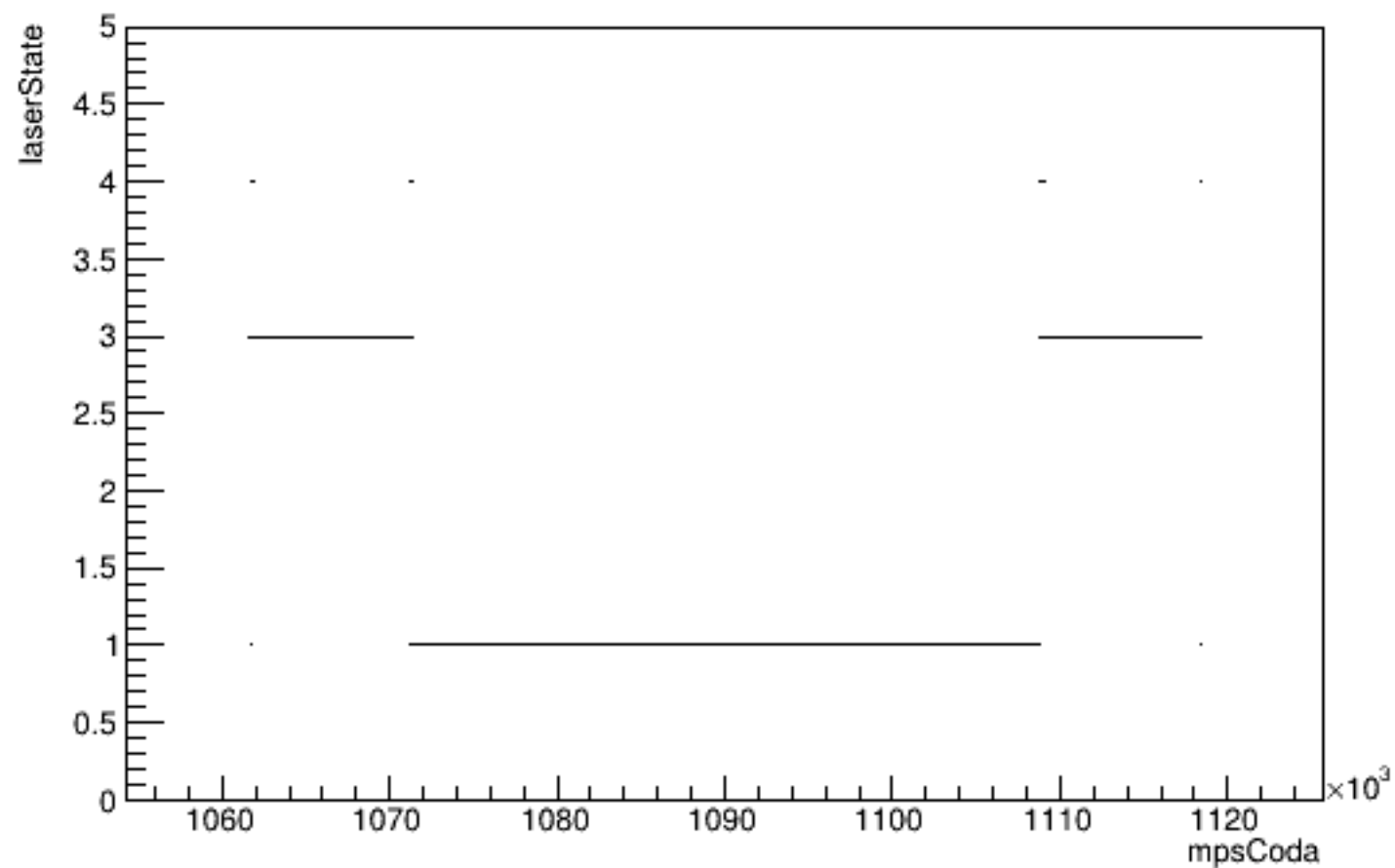
Run 4576 quartetwise, Asyms



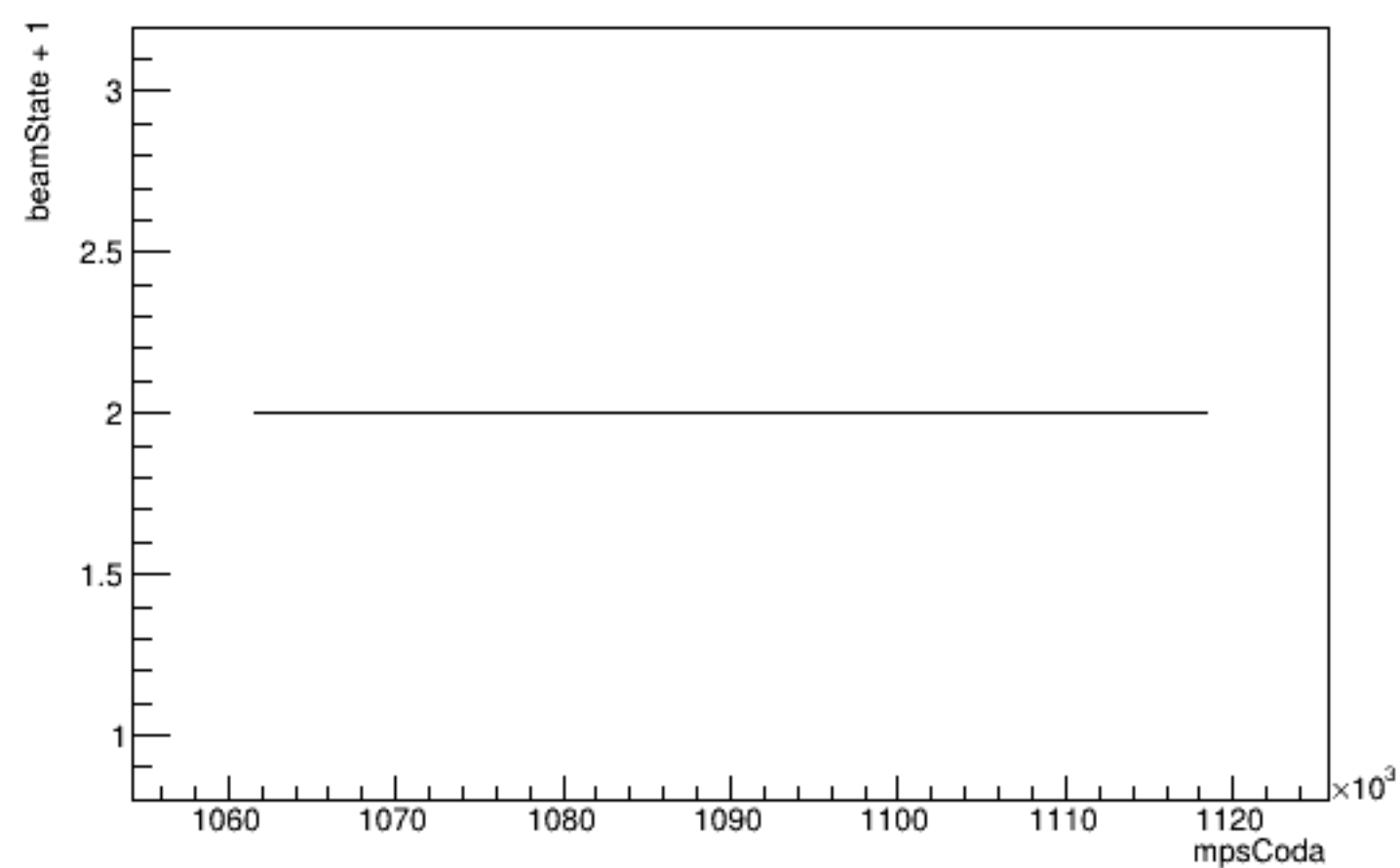
Acc0/NAcc0:mpsCoda (mpsCoda>=1061665 && mpsCoda<=1118392 && beamState==1)



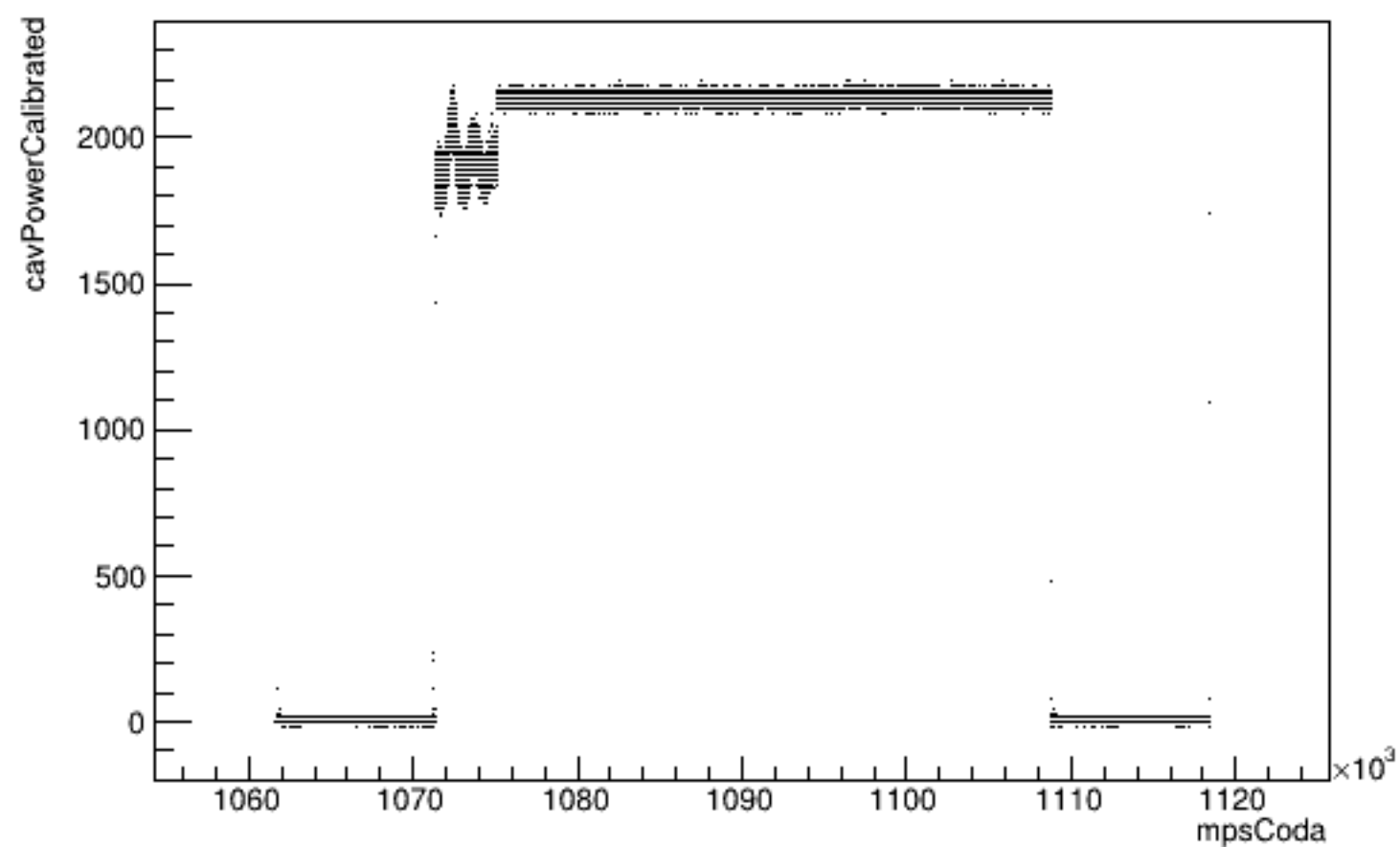
laserState:mpsCoda {mpsCoda>=1061665 && mpsCoda<=1118392}



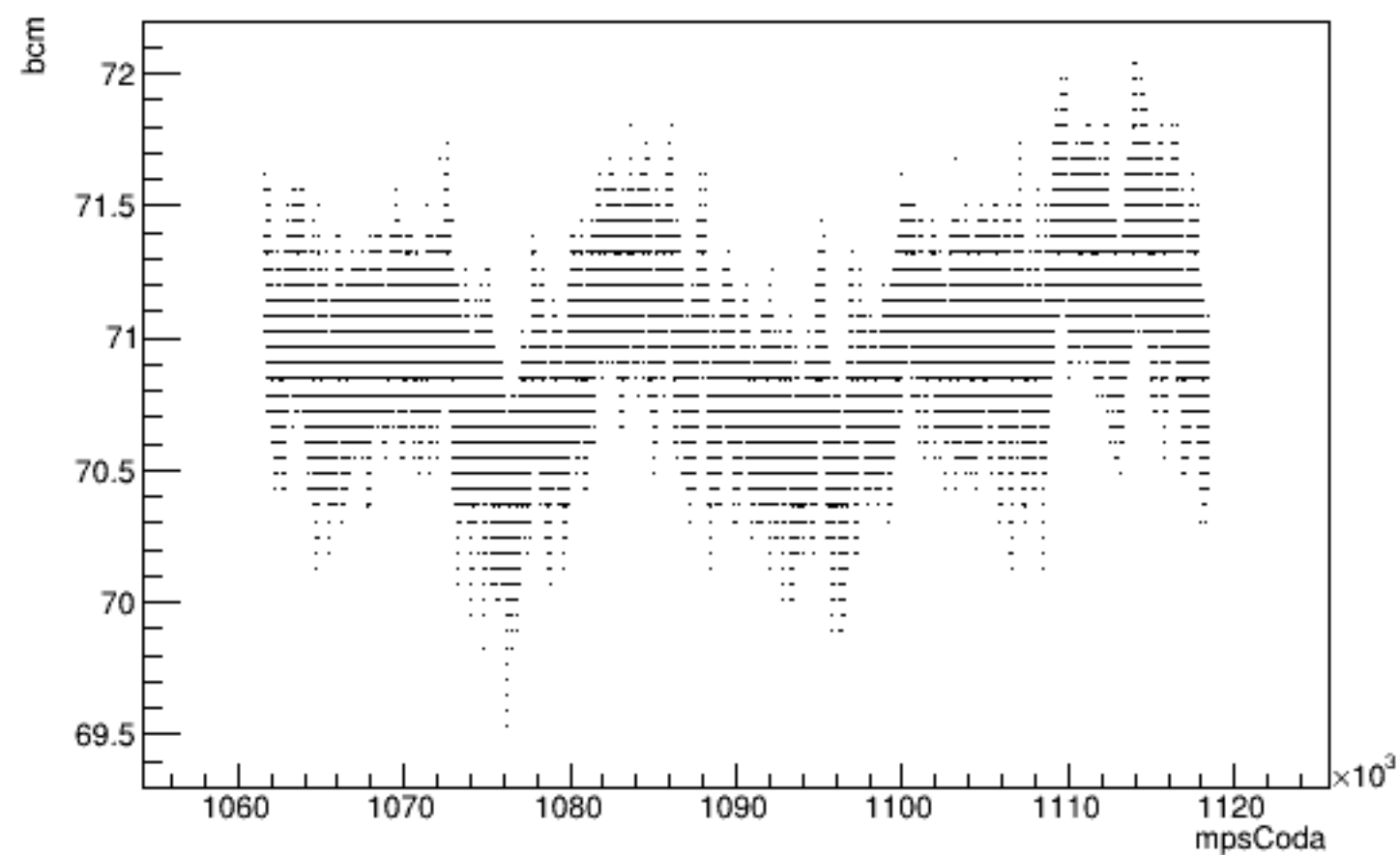
beamState + 1:mpsCoda {mpsCoda>=1061665 && mpsCoda<=1118392}



cavPowerCalibrated:mpsCoda {mpsCoda>=1061665 && mpsCoda<=1118392}



bcm:mpsCoda {mpsCoda>=1061665 && mpsCoda<=1118392}



Cycle 22, Diffs

Entries: 1198

Mean: 0.0270 +/- 0.0081

Std Dev: 0.2789 +/- 0.0057

Entries: 3255

Mean: 0.1441 +/- 0.0058

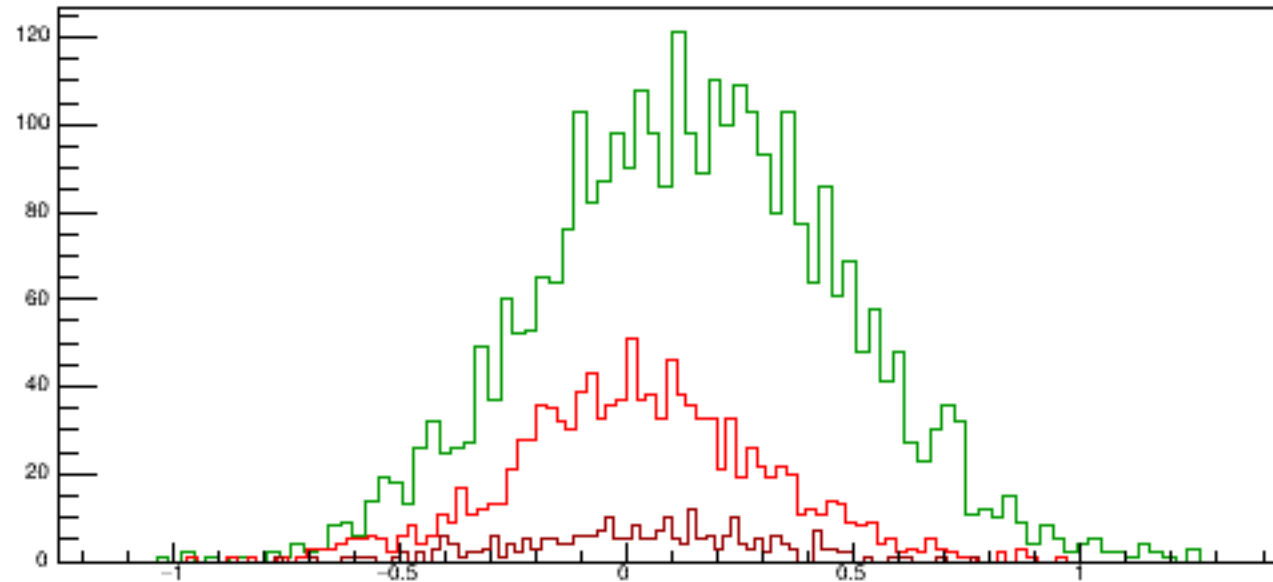
Std Dev: 0.3322 +/- 0.0041

Entries: 252

Mean: 0.0253 +/- 0.0171

Std Dev: 0.2712 +/- 0.0121

Run 4576 quartetwise, Diffs



Cycle 22, Sums

Entries: 1198

Mean: 14.6297 +/- 0.0093

Std Dev: 0.3218 +/- 0.0066

Entries: 3255

Mean: 22.1684 +/- 0.0085

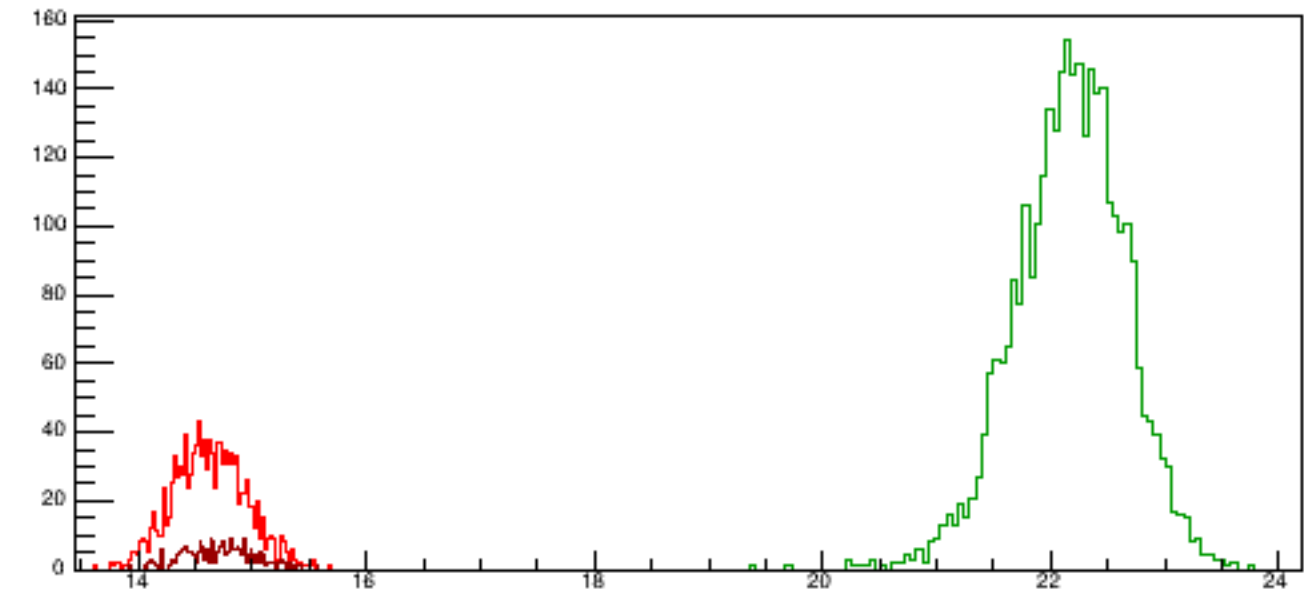
Std Dev: 0.4851 +/- 0.0060

Entries: 252

Mean: 14.7097 +/- 0.0191

Std Dev: 0.3031 +/- 0.0135

Run 4576 quartetwise, Sums



Cycle 22, Asyms

Entries: 1198

Mean: 0.0036 +/- 0.0011

Std Dev: 0.0372 +/- 0.0008

Entries: 3255

Mean: 0.0192 +/- 0.0008

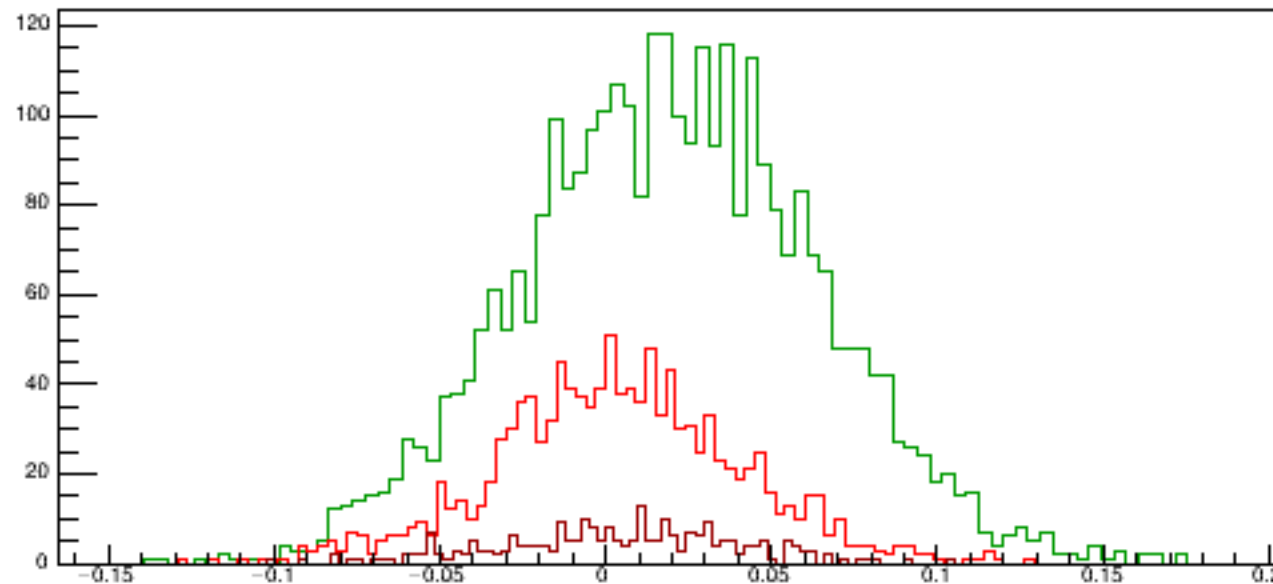
Std Dev: 0.0445 +/- 0.0006

Entries: 252

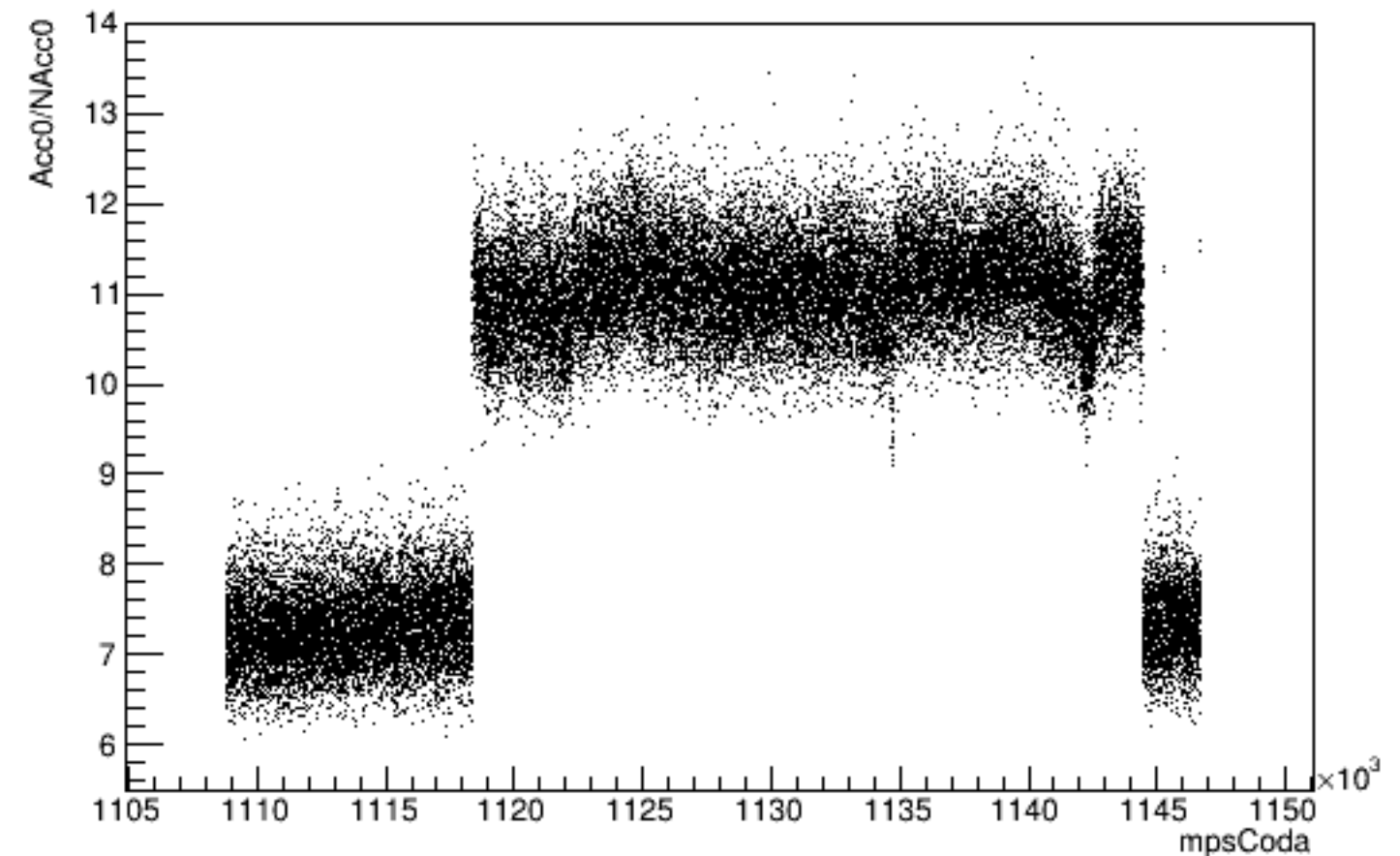
Mean: 0.0034 +/- 0.0023

Std Dev: 0.0362 +/- 0.0016

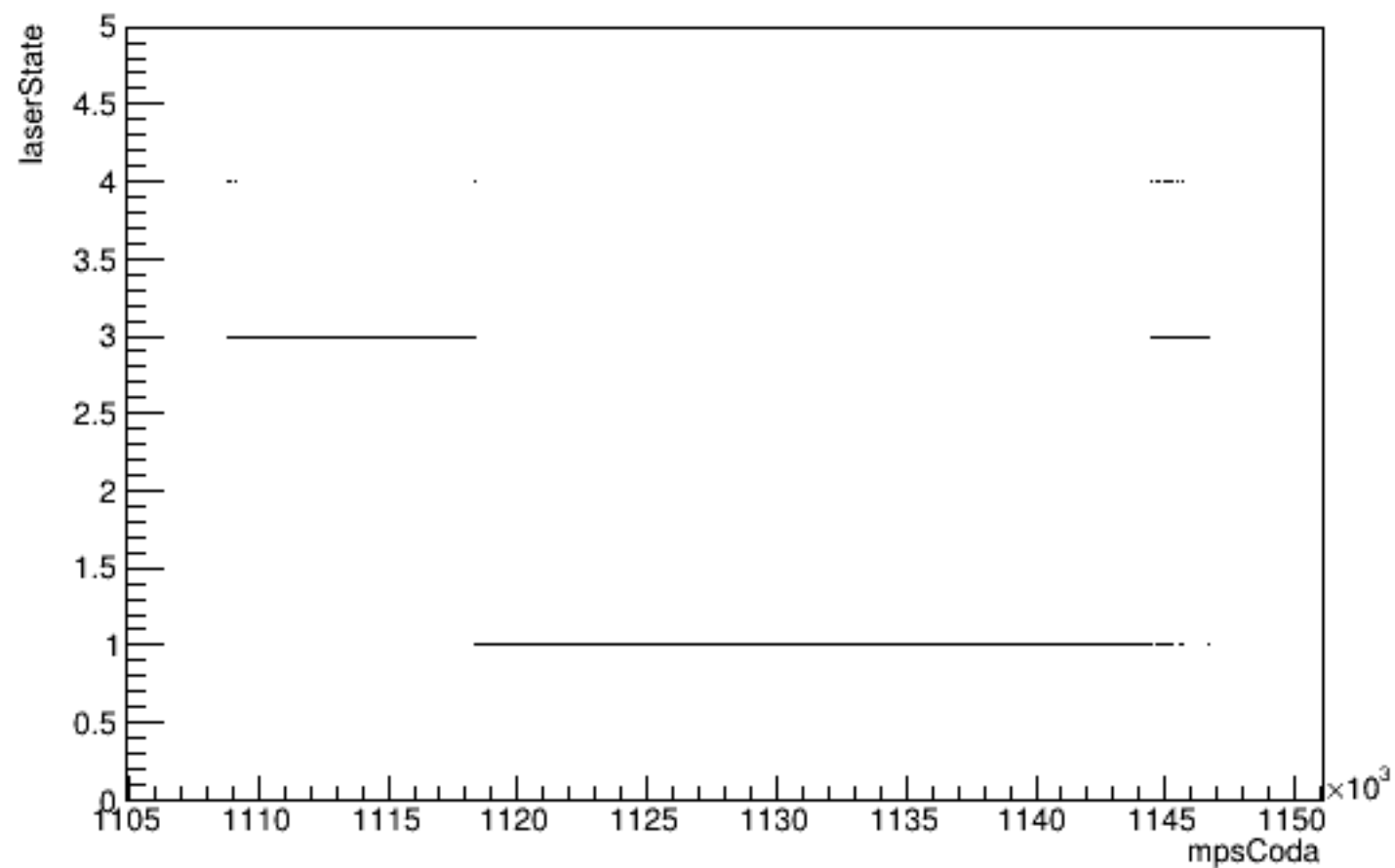
Run 4576 quartetwise, Asyms



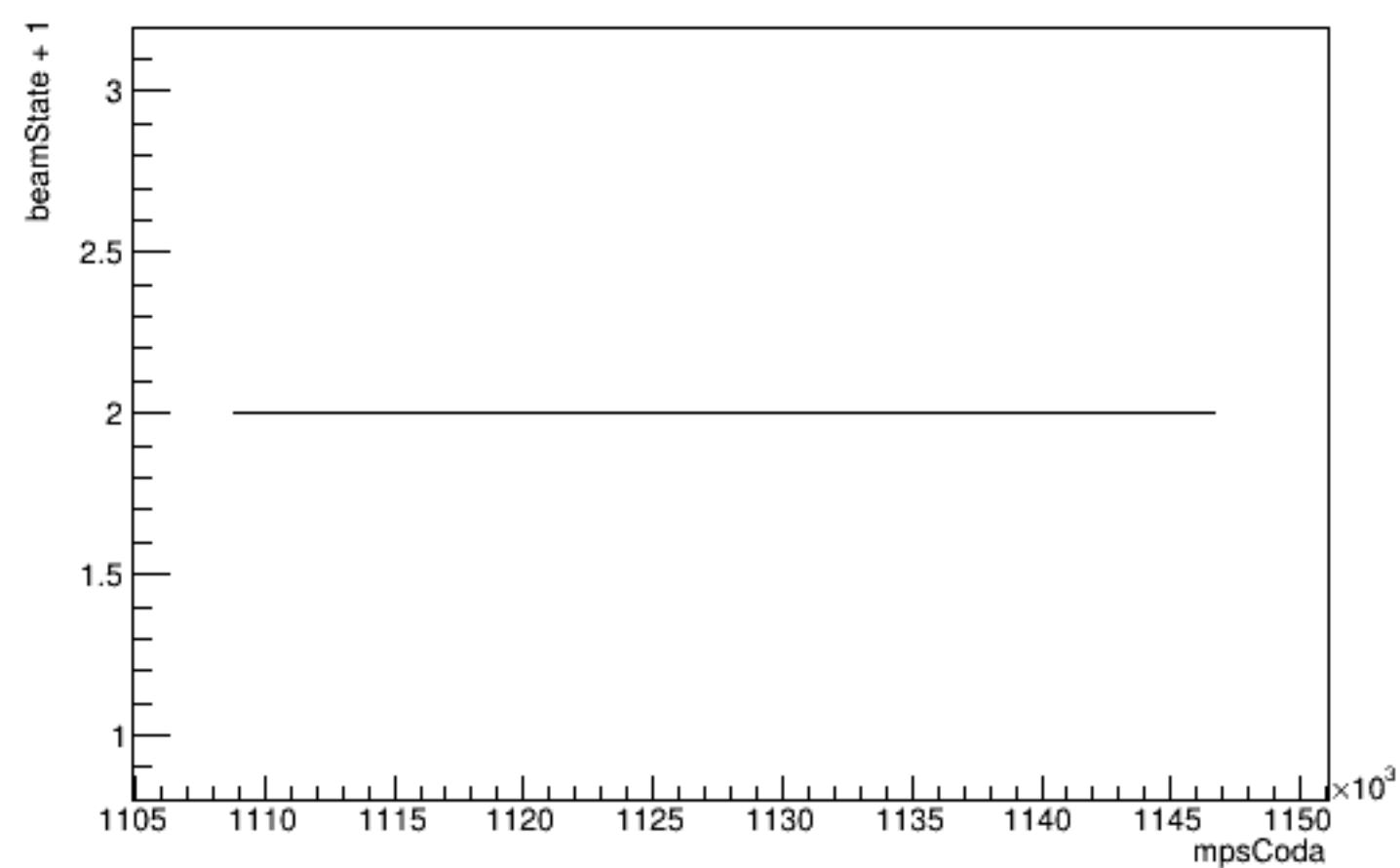
Acc0/NAcc0:mpsCoda (mpsCoda>=1108769 && mpsCoda<=1146688 && beamState==1)



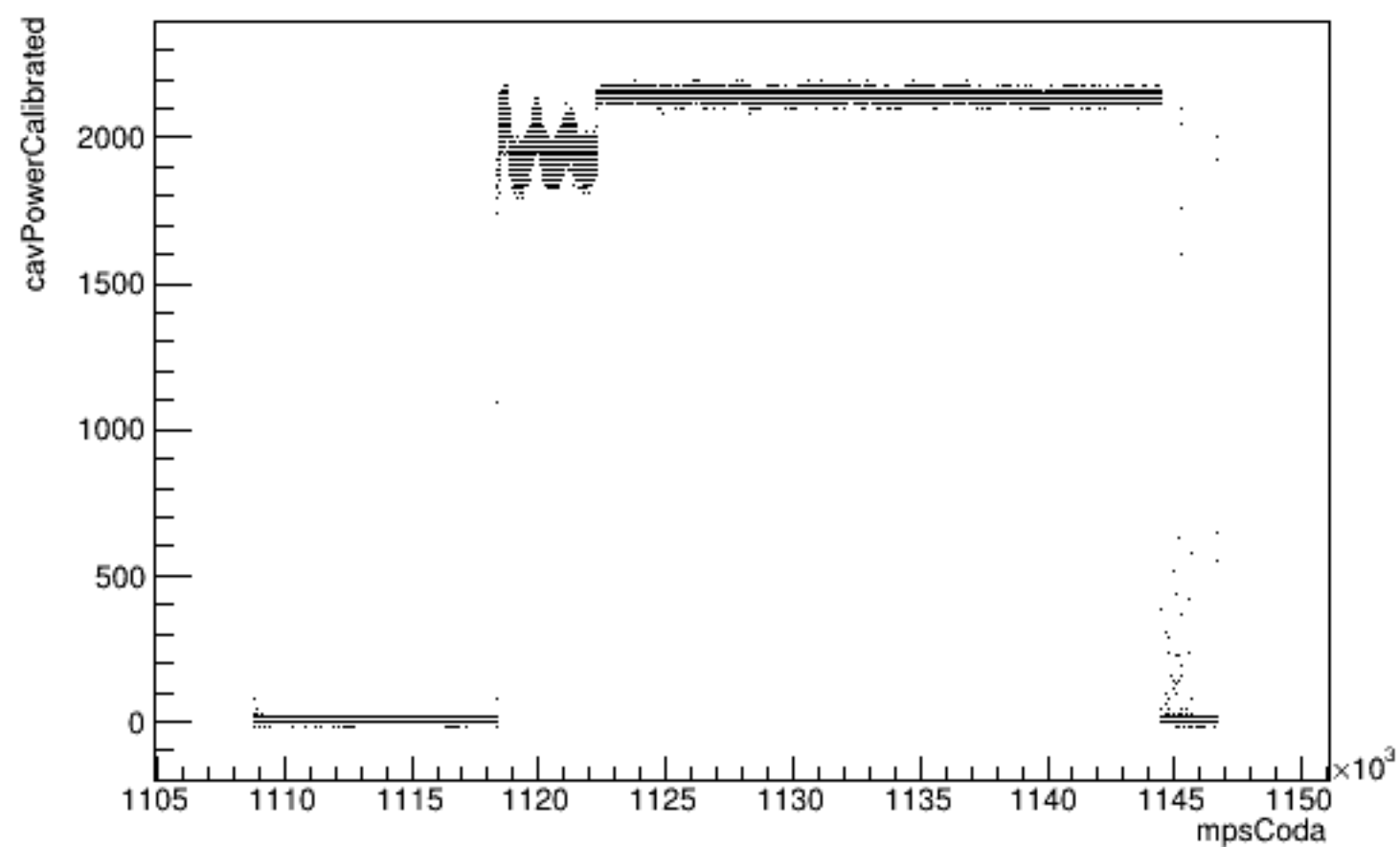
laserState:mpsCoda {mpsCoda>=1108769 && mpsCoda<=1146688}



beamState + 1:mpsCoda {mpsCoda>=1108769 && mpsCoda<=1146688}



cavPowerCalibrated:mpsCoda {mpsCoda>=1108769 && mpsCoda<=1146688}



bcm:mpsCoda {mpsCoda>=1108769 && mpsCoda<=1146688}

