

Cycle 1, Diffs

Entries: 1152

Mean: -0.0064 +/- 0.0070

Std Dev: 0.2381 +/- 0.0050

Entries: 4816

Mean: -0.1469 +/- 0.0045

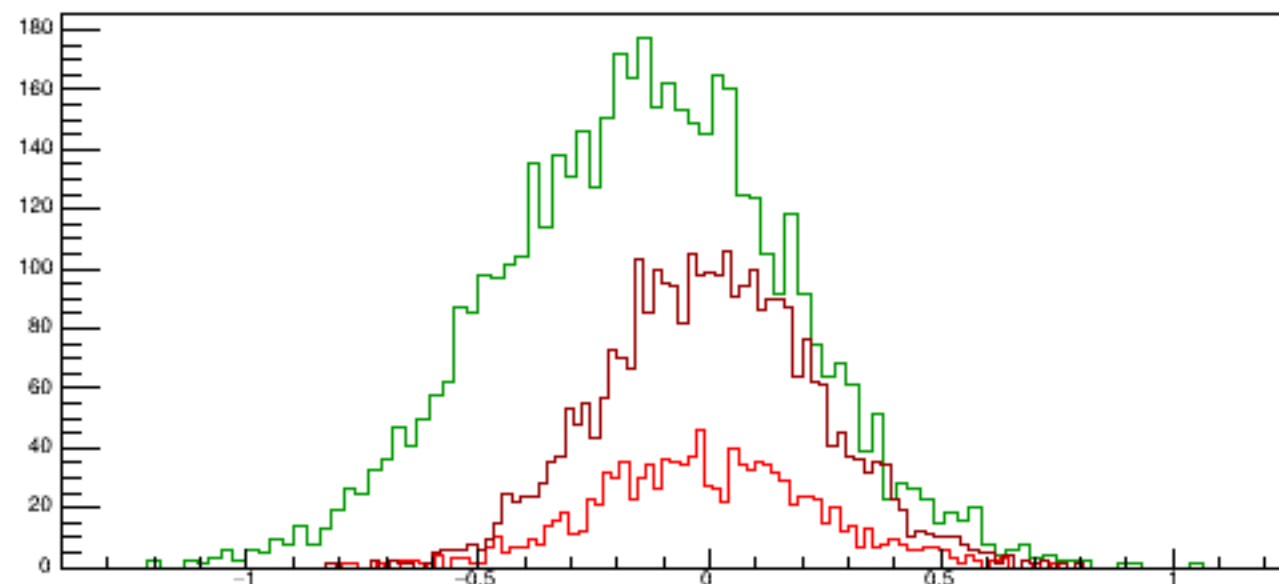
Std Dev: 0.3140 +/- 0.0032

Entries: 3097

Mean: 0.0013 +/- 0.0041

Std Dev: 0.2304 +/- 0.0029

Run 4531 quartetwise, Diffs



Cycle 1, Sums

Entries: 1152

Mean: 12.3732 +/- 0.0080

Std Dev: 0.2731 +/- 0.0057

Entries: 4816

Mean: 22.3312 +/- 0.0073

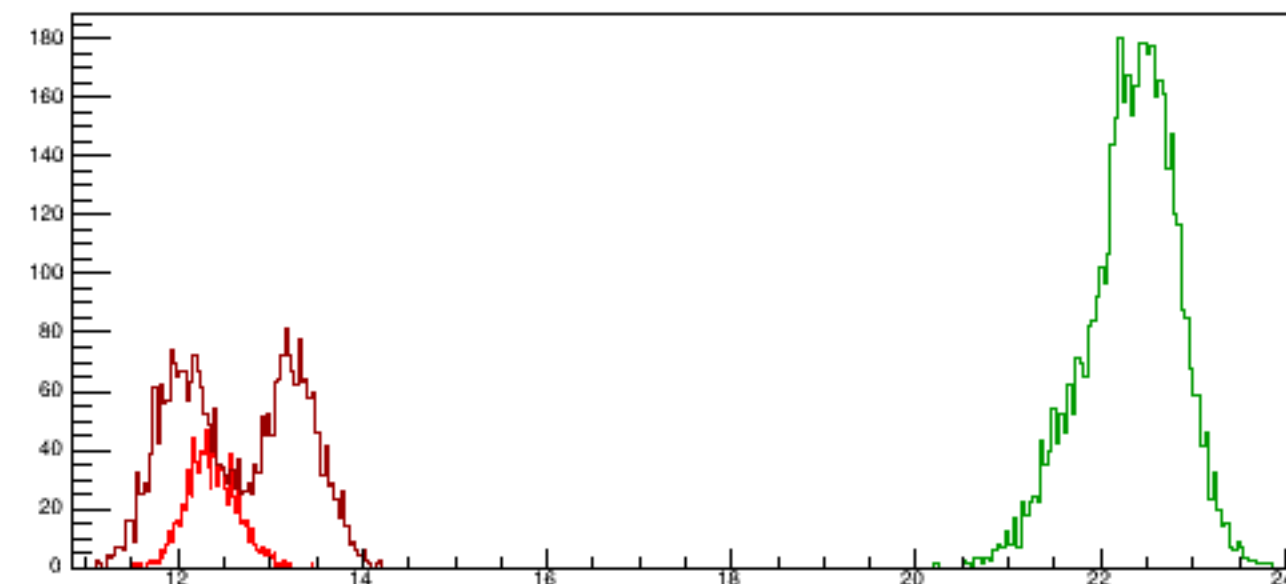
Std Dev: 0.5046 +/- 0.0051

Entries: 3097

Mean: 12.6446 +/- 0.0120

Std Dev: 0.6695 +/- 0.0085

Run 4531 quartetwise, Sums



Cycle 1, Asyms

Entries: 1152

Mean: -0.0007 +/- 0.0007

Std Dev: 0.0242 +/- 0.0005

Entries: 4816

Mean: -0.0150 +/- 0.0005

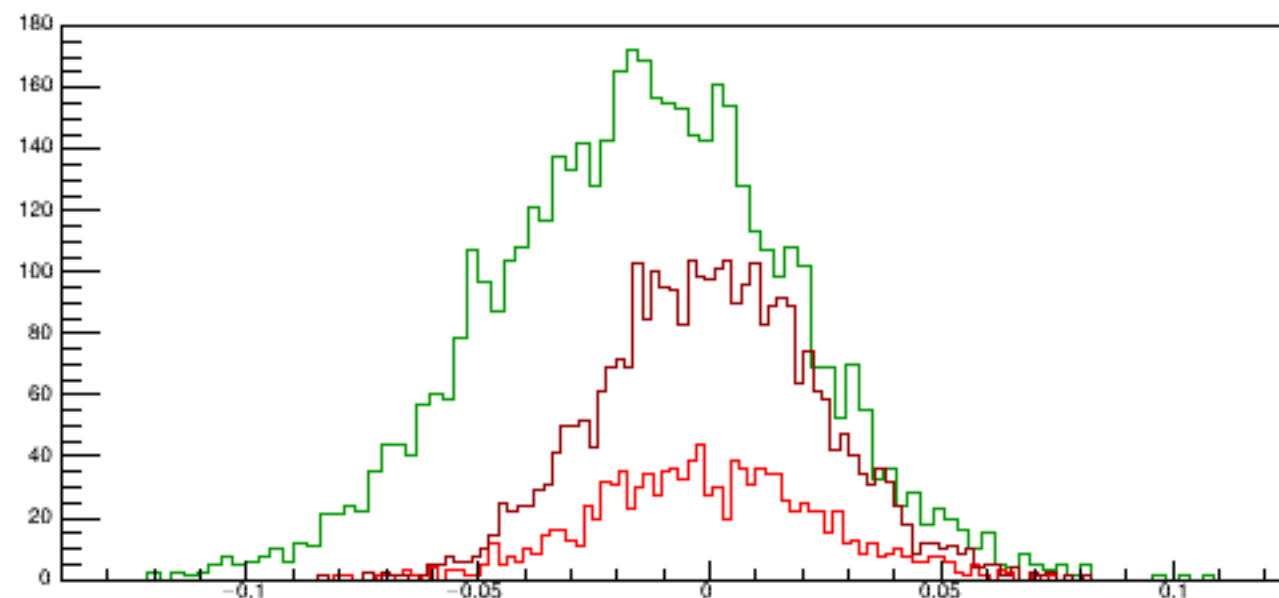
Std Dev: 0.0321 +/- 0.0003

Entries: 3097

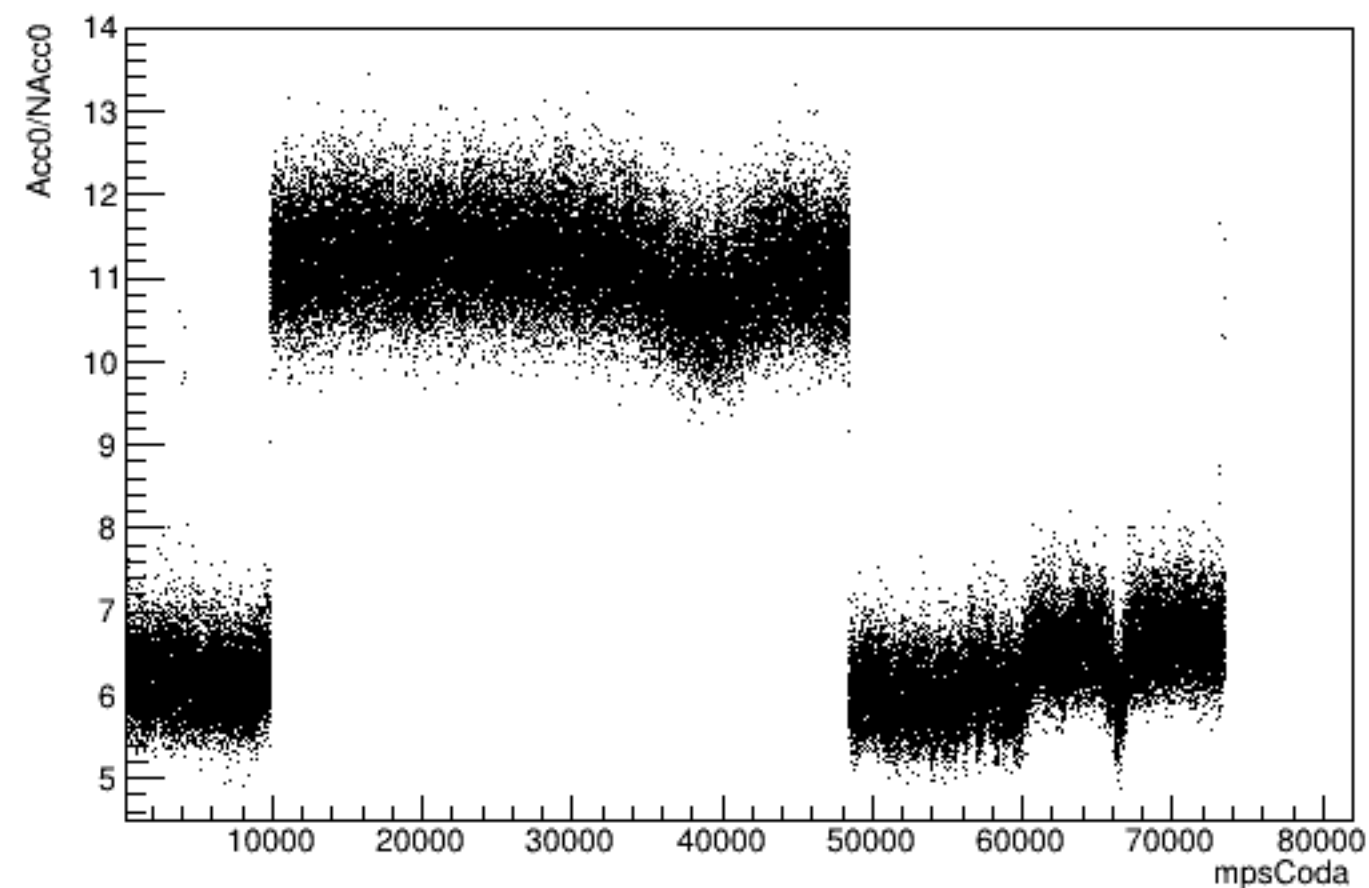
Mean: 0.0001 +/- 0.0004

Std Dev: 0.0235 +/- 0.0003

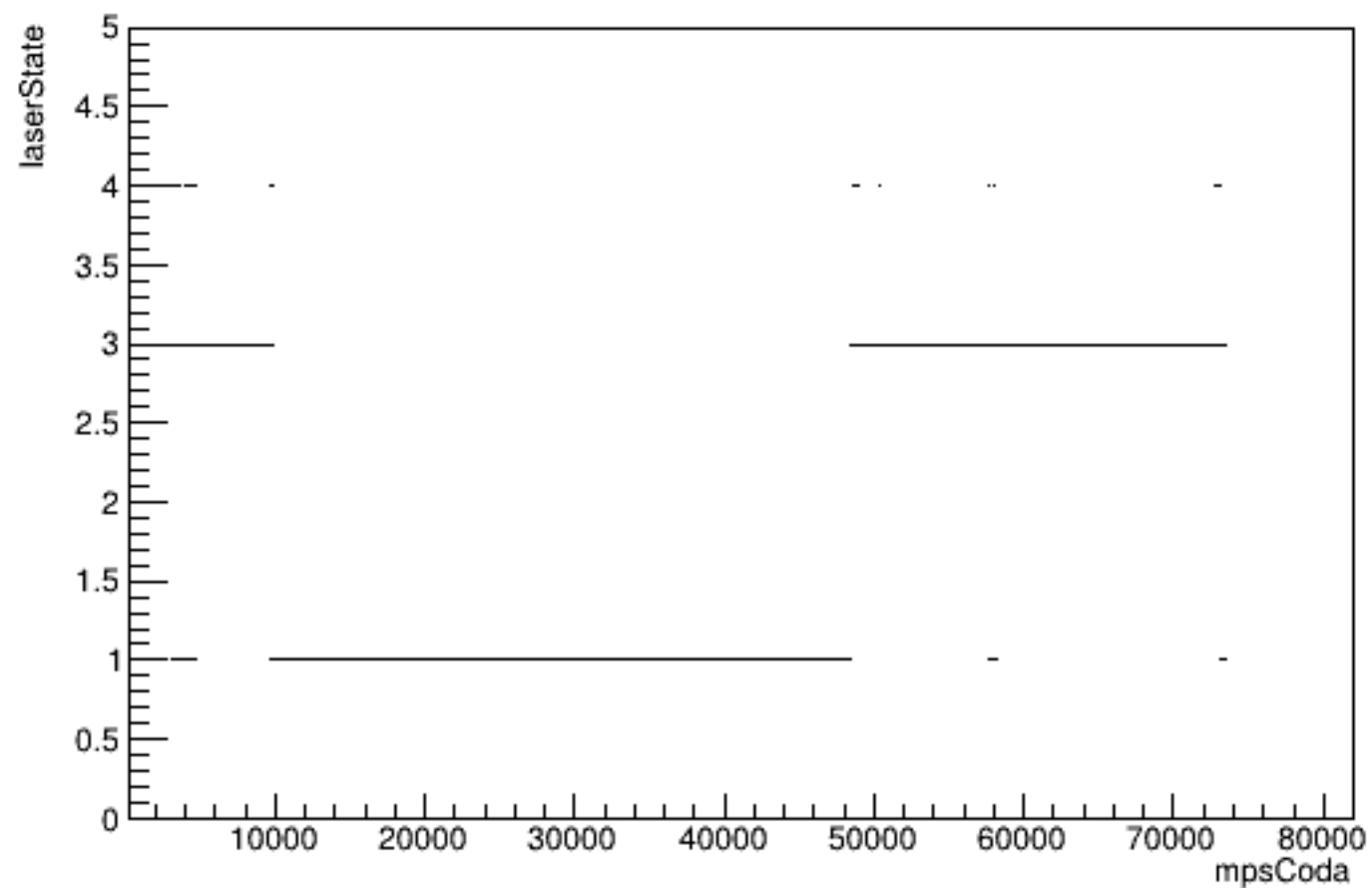
Run 4531 quartetwise, Asyms



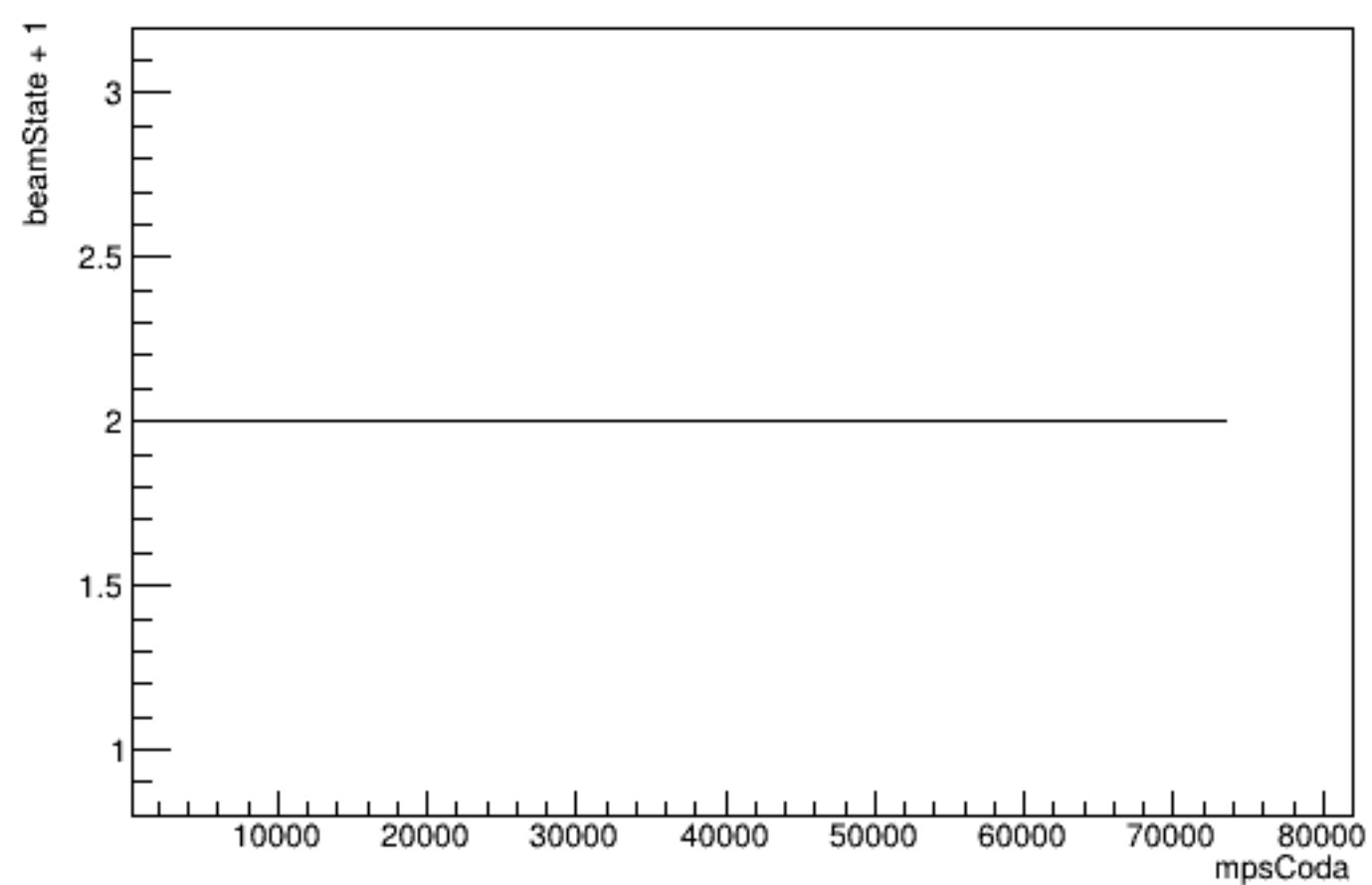
Acc0/NAcc0:mpsCoda {mpsCoda>=269 && mpsCoda<=73428 && beamState==1}



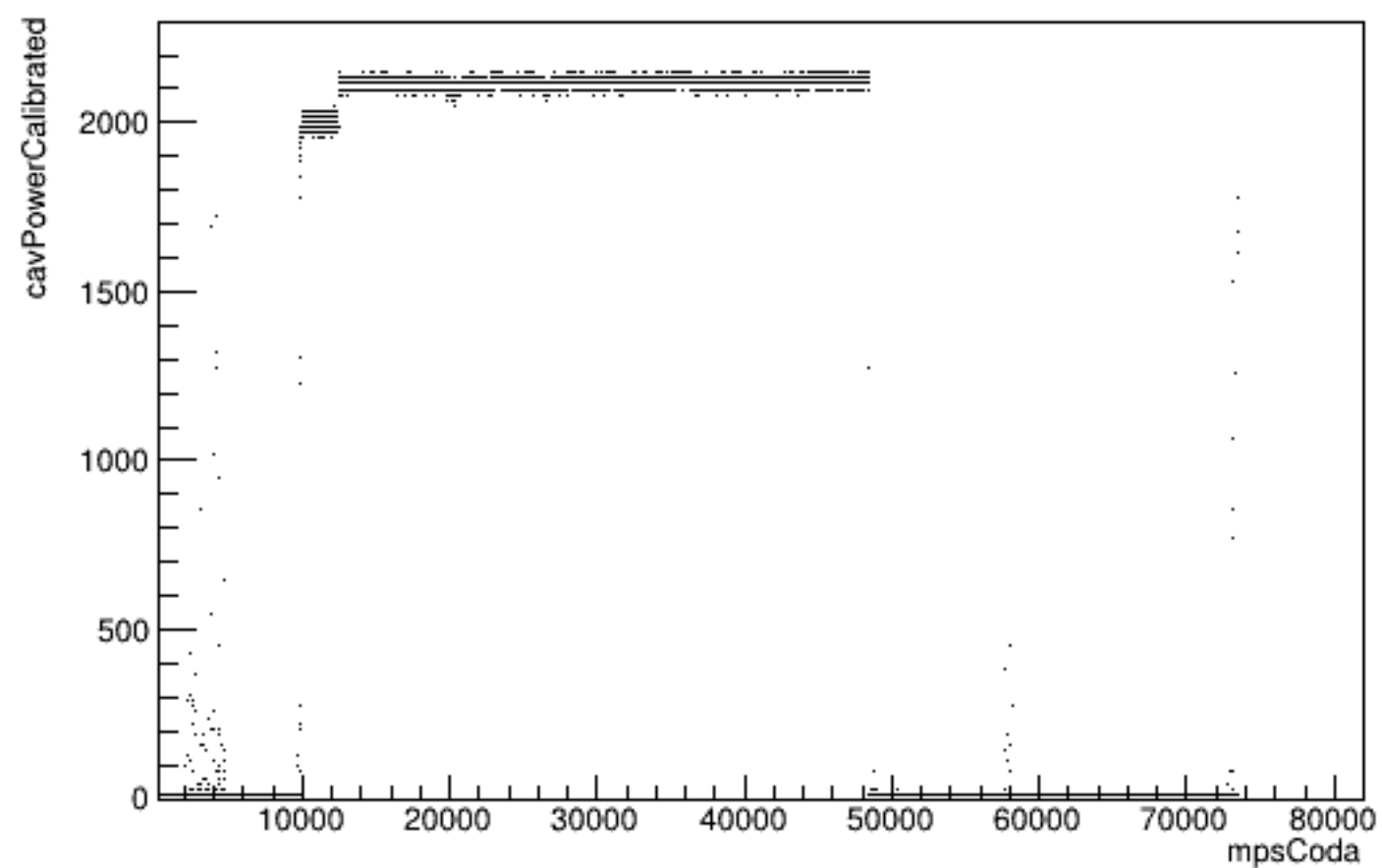
laserState:mpsCoda {mpsCoda>=269 && mpsCoda<=73428}



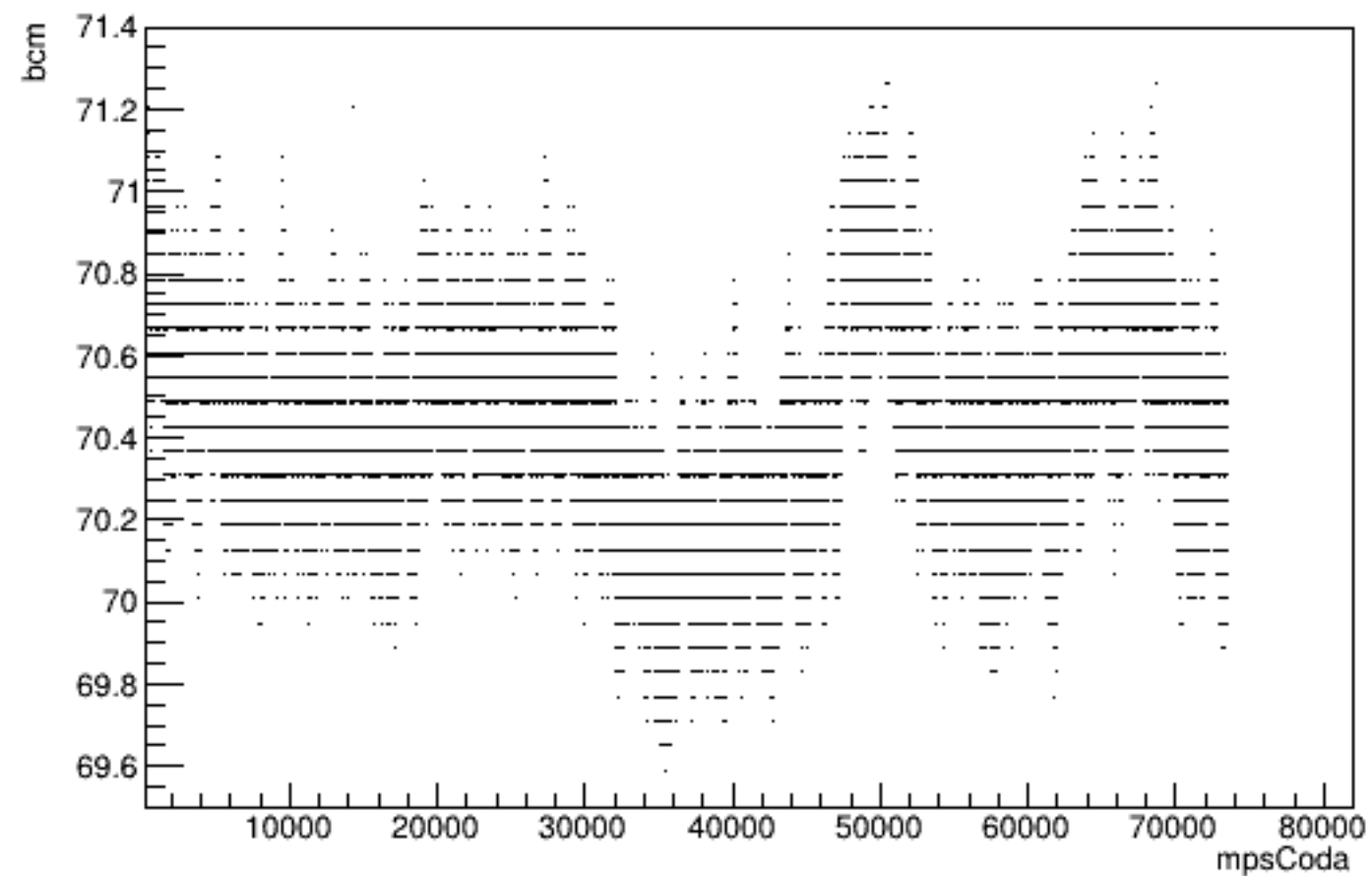
beamState + 1:mpsCoda {mpsCoda>=269 && mpsCoda<=73428}



cavPowerCalibrated:mpsCoda {mpsCoda>=269 && mpsCoda<=73428}



bcm:mpsCoda {mpsCoda>=269 && mpsCoda<=73428}



Cycle 2, Diffs

Entries: 3097

Mean: 0.0013 +/- 0.0041

Std Dev: 0.2304 +/- 0.0029

Entries: 4791

Mean: -0.1524 +/- 0.0046

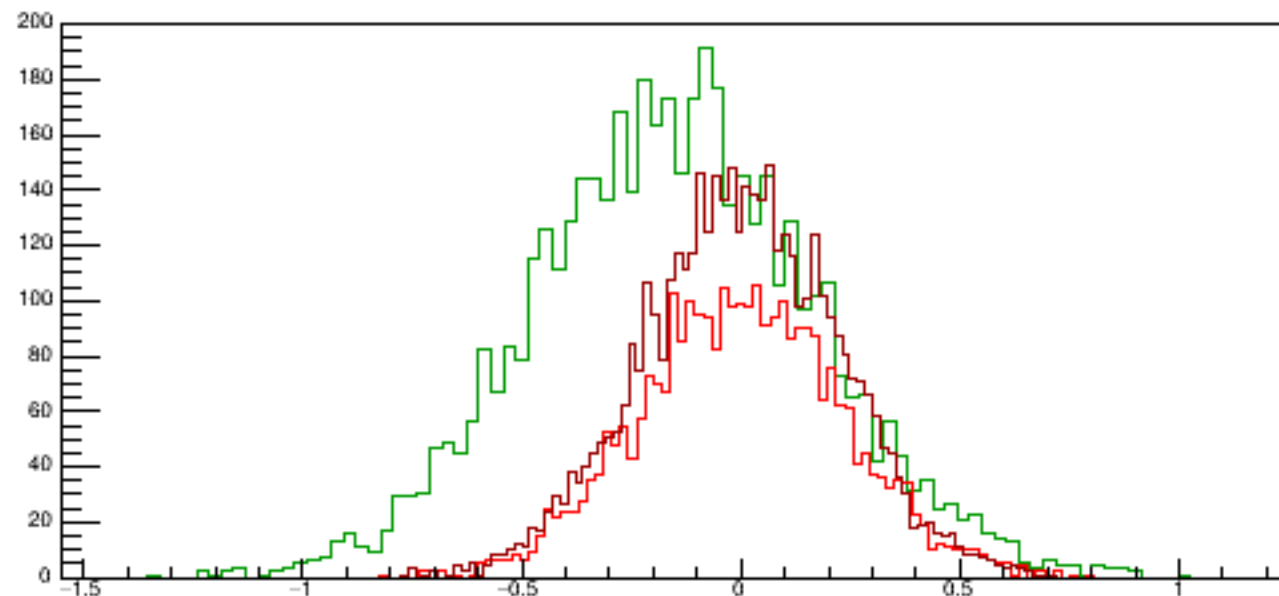
Std Dev: 0.3218 +/- 0.0033

Entries: 4475

Mean: -0.0019 +/- 0.0033

Std Dev: 0.2233 +/- 0.0024

Run 4531 quartetwise, Diffs



Cycle 2, Sums

Entries: 3097

Mean: 12.6446 +/- 0.0120

Std Dev: 0.6695 +/- 0.0085

Entries: 4791

Mean: 22.7738 +/- 0.0104

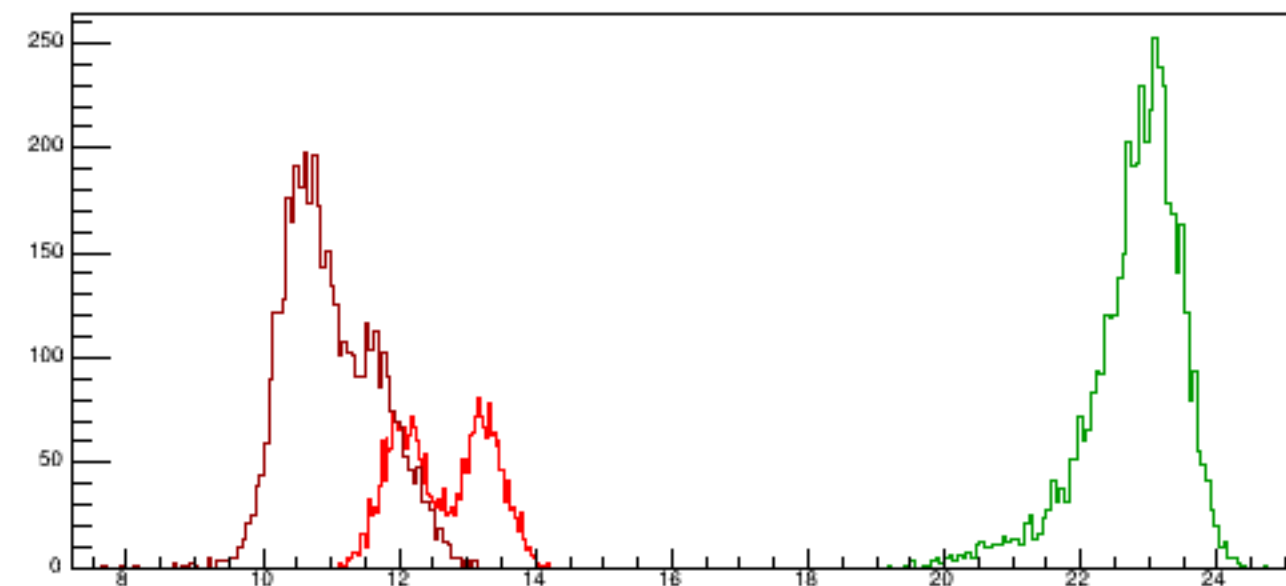
Std Dev: 0.7165 +/- 0.0073

Entries: 4475

Mean: 11.0012 +/- 0.0102

Std Dev: 0.6854 +/- 0.0072

Run 4531 quartetwise, Sums



Cycle 2, Asyms

Entries: 3097

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0210 +/- 0.0003

Entries: 4791

Mean: -0.0140 +/- 0.0004

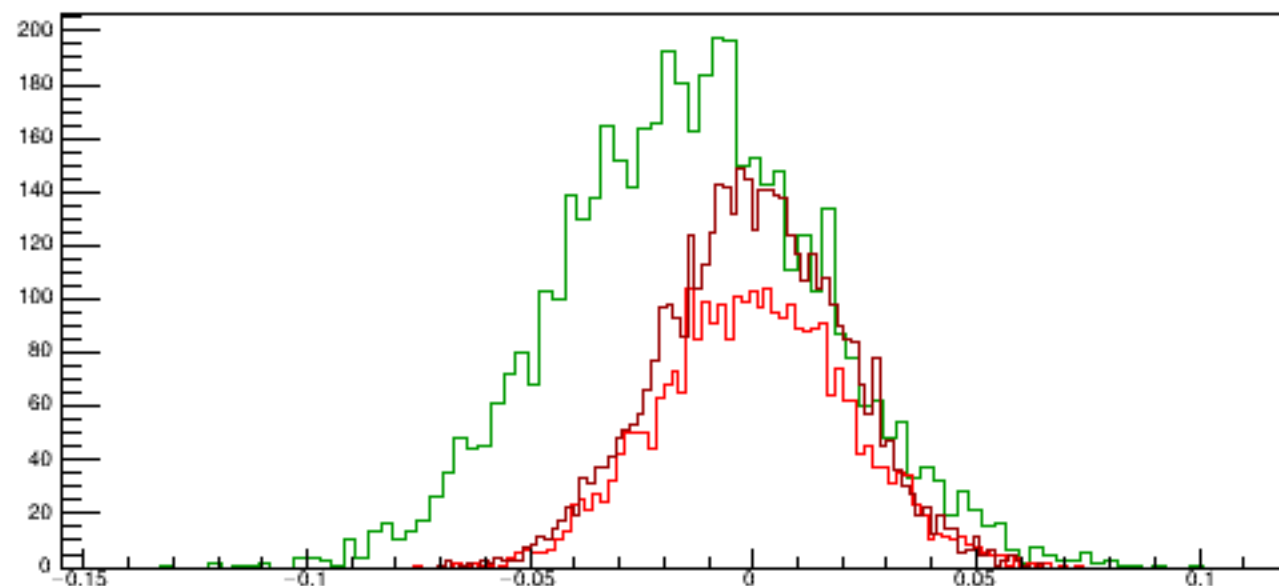
Std Dev: 0.0296 +/- 0.0003

Entries: 4475

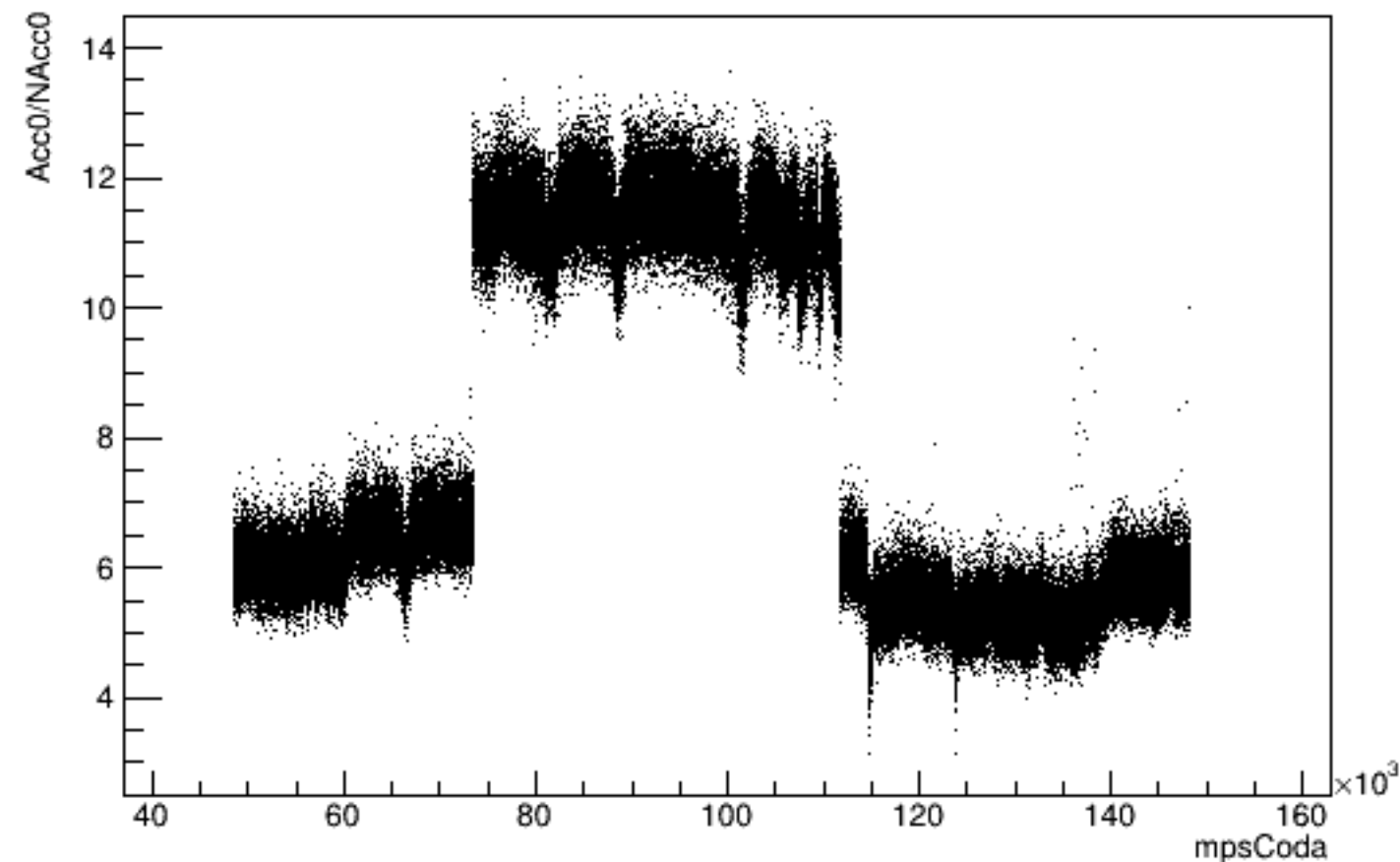
Mean: -0.0002 +/- 0.0003

Std Dev: 0.0204 +/- 0.0002

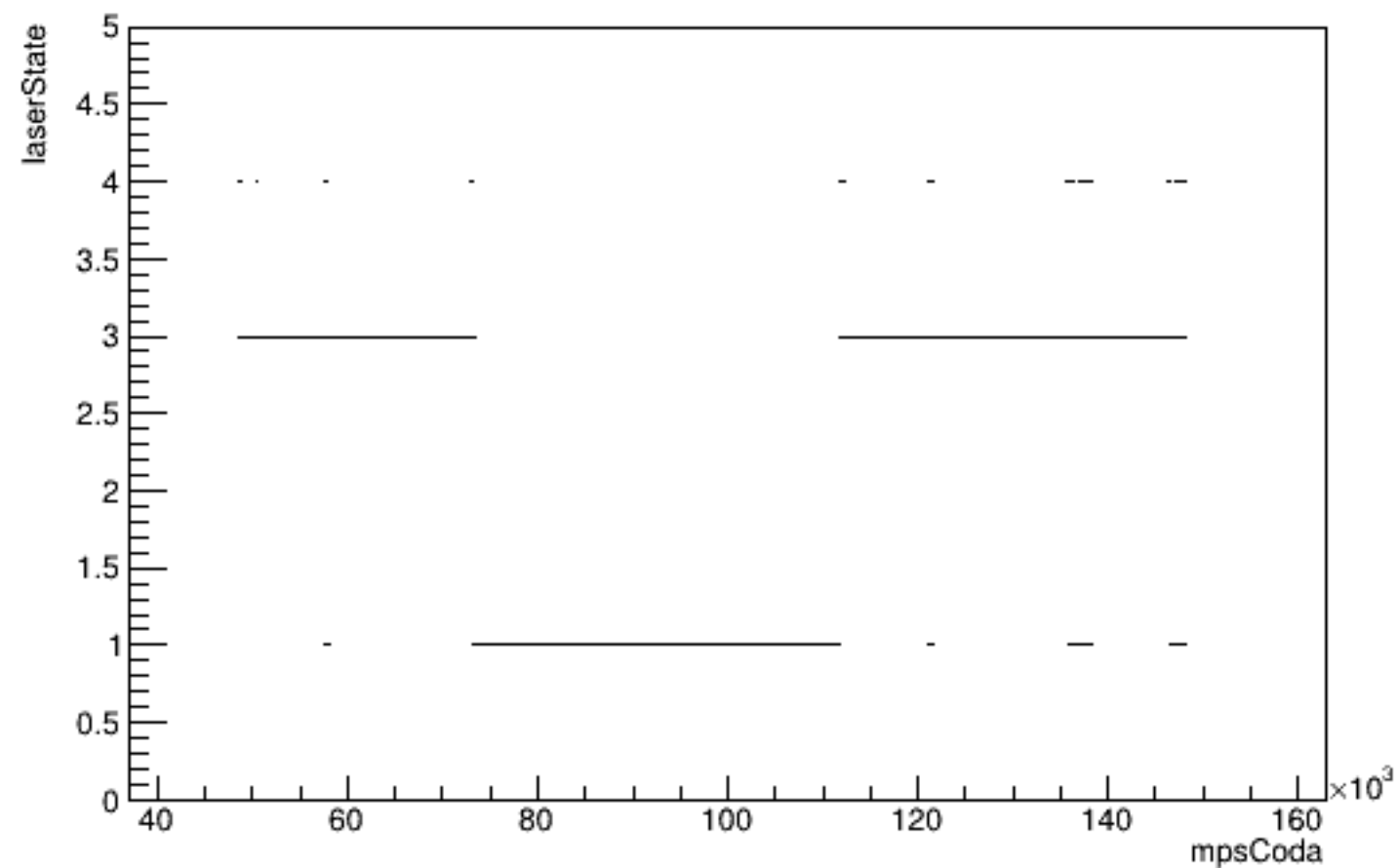
Run 4531 quartetwise, Asyms



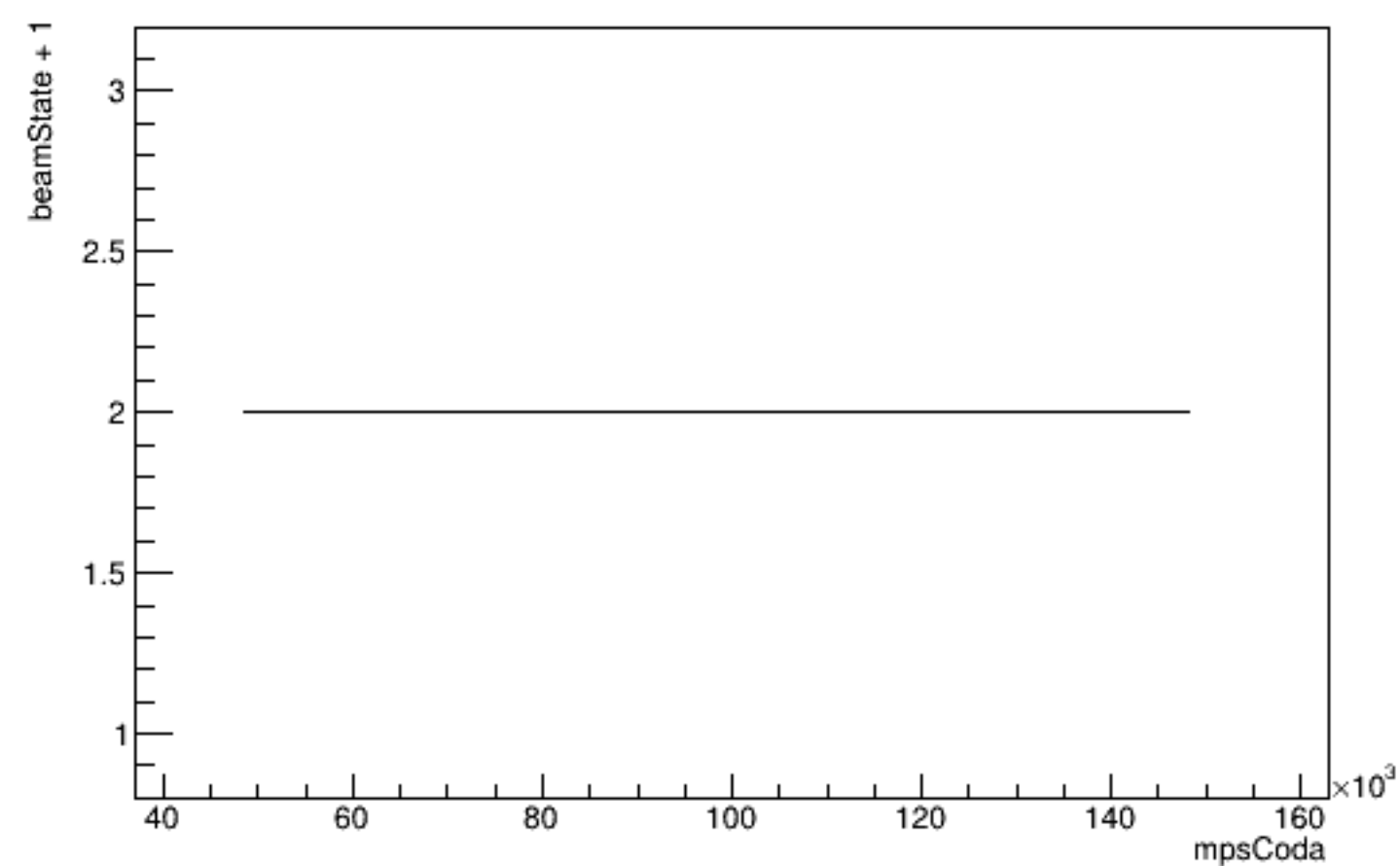
Acc0/NAcc0:mpsCoda {mpsCoda>=48453 && mpsCoda<=148268 && beamState==1}



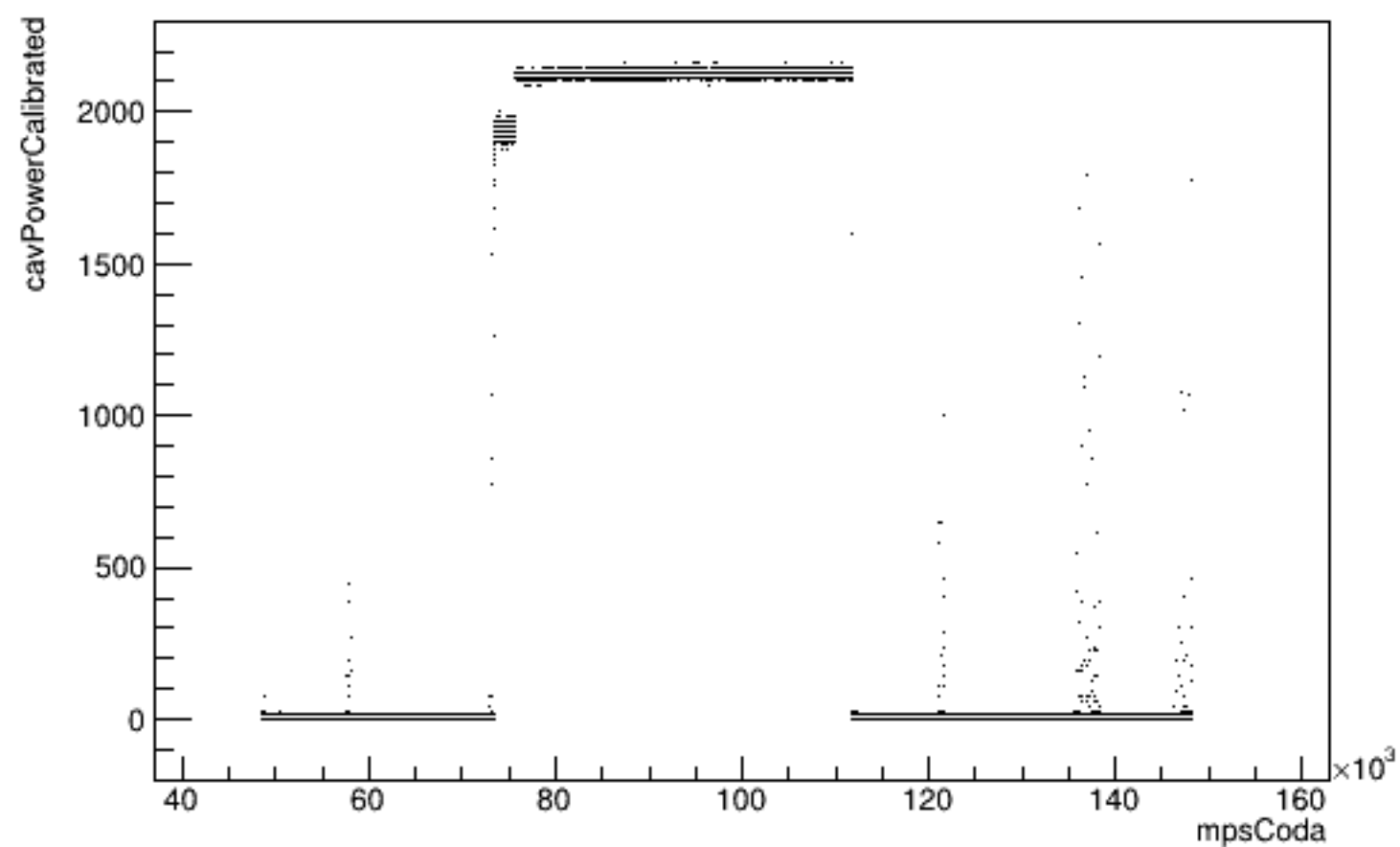
laserState:mpsCoda {mpsCoda>=48453 && mpsCoda<=148268}



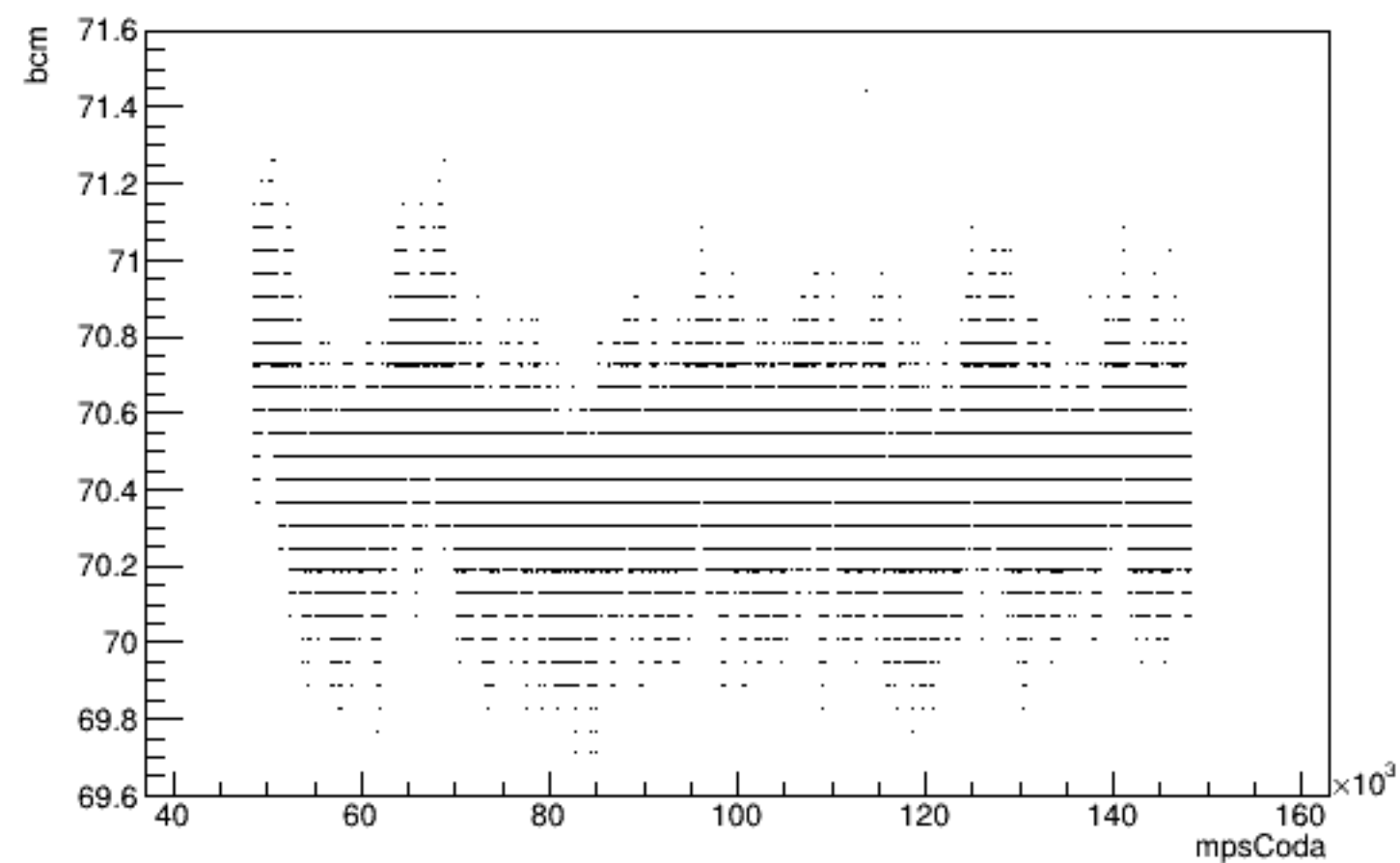
beamState + 1:mpsCoda {mpsCoda>=48453 && mpsCoda<=148268}



cavPowerCalibrated:mpsCoda {mpsCoda>=48453 && mpsCoda<=148268}



bcm:mpsCoda {mpsCoda>=48453 && mpsCoda<=148268}



Cycle 3, Diffs

Entries: 4475

Mean: -0.0019 +/- 0.0033

Std Dev: 0.2233 +/- 0.0024

Entries: 4806

Mean: -0.1455 +/- 0.0045

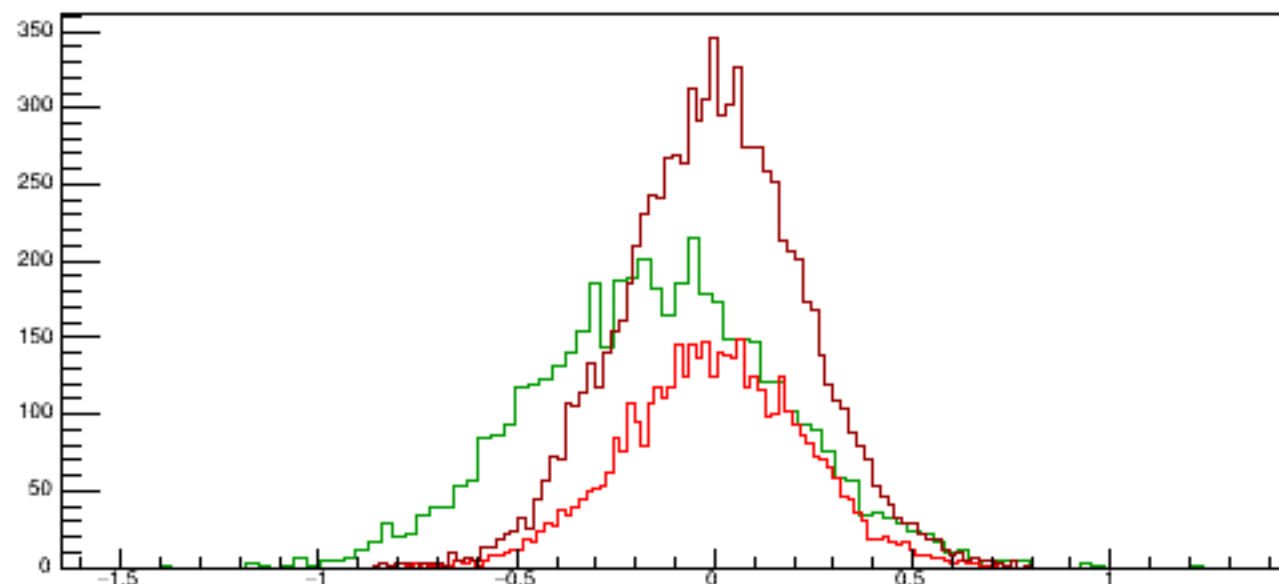
Std Dev: 0.3127 +/- 0.0032

Entries: 8914

Mean: -0.0030 +/- 0.0024

Std Dev: 0.2279 +/- 0.0017

Run 4531 quartetwise, Diffs



Cycle 3, Sums

Entries: 4475

Mean: 11.0012 +/- 0.0102

Std Dev: 0.6854 +/- 0.0072

Entries: 4806

Mean: 21.1636 +/- 0.0122

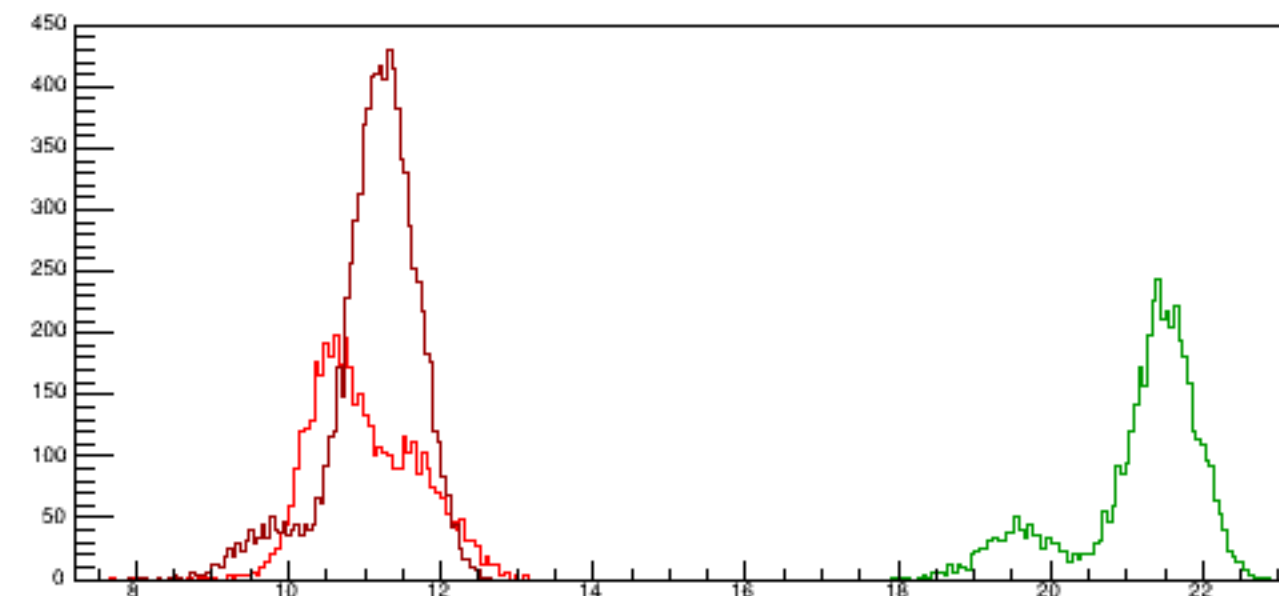
Std Dev: 0.8435 +/- 0.0086

Entries: 8914

Mean: 11.1300 +/- 0.0064

Std Dev: 0.6041 +/- 0.0045

Run 4531 quartetwise, Sums



Cycle 3, Asyms

Entries: 4475

Mean: -0.0002 +/- 0.0003

Std Dev: 0.0221 +/- 0.0002

Entries: 4806

Mean: -0.0145 +/- 0.0005

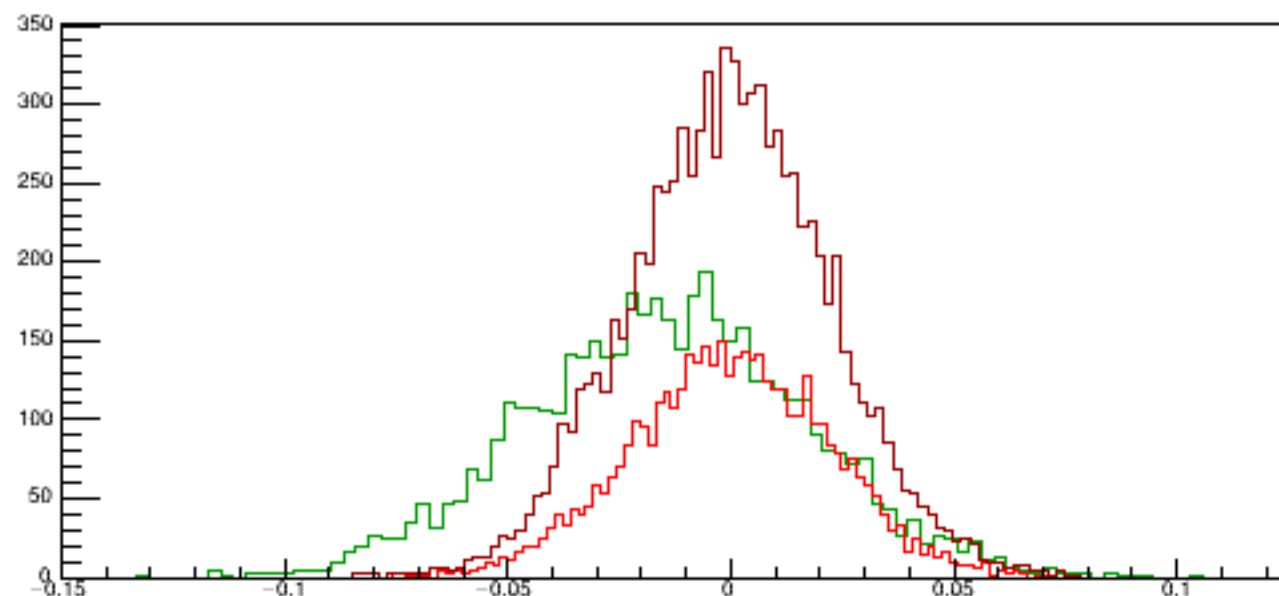
Std Dev: 0.0312 +/- 0.0003

Entries: 8914

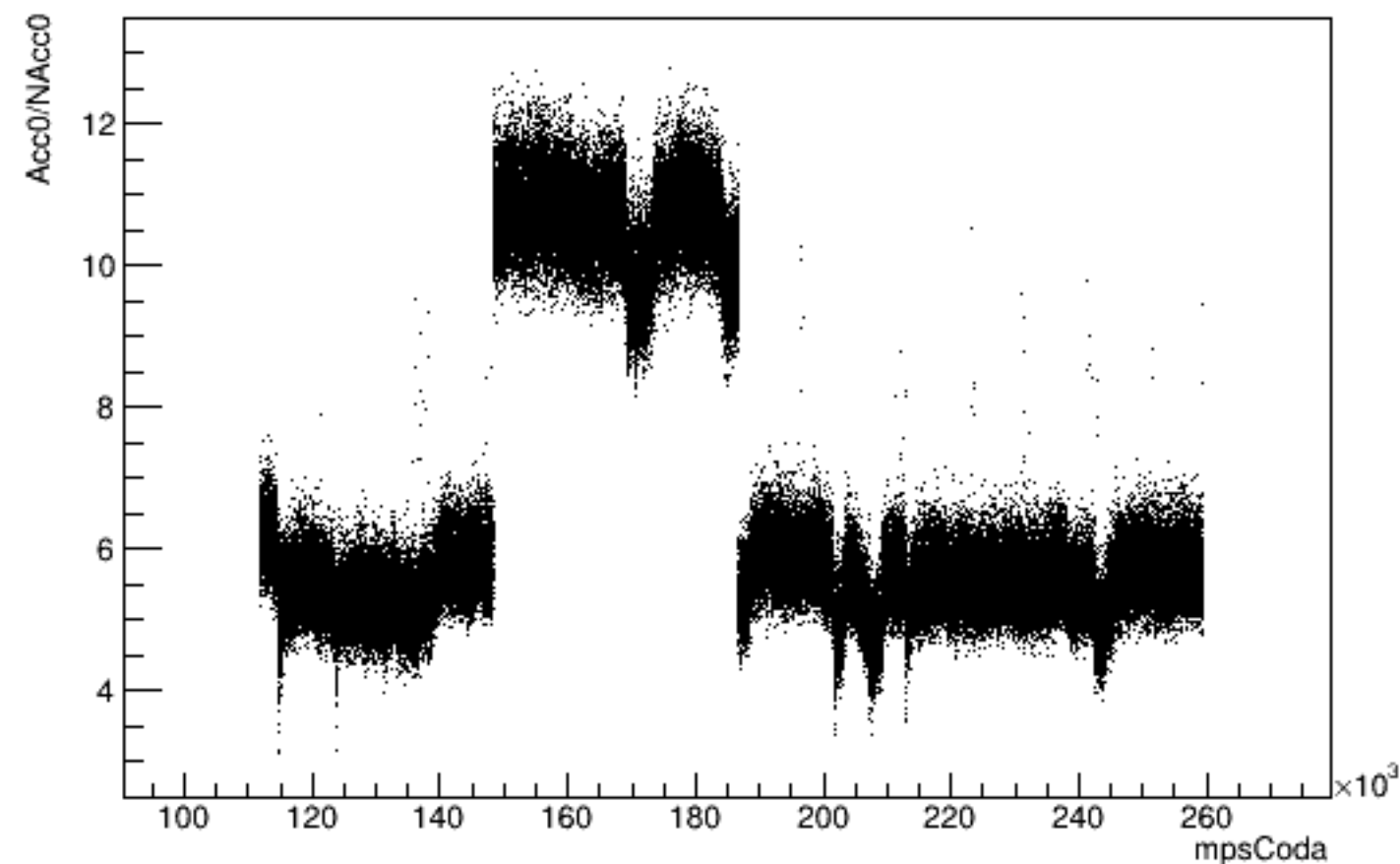
Mean: -0.0003 +/- 0.0002

Std Dev: 0.0226 +/- 0.0002

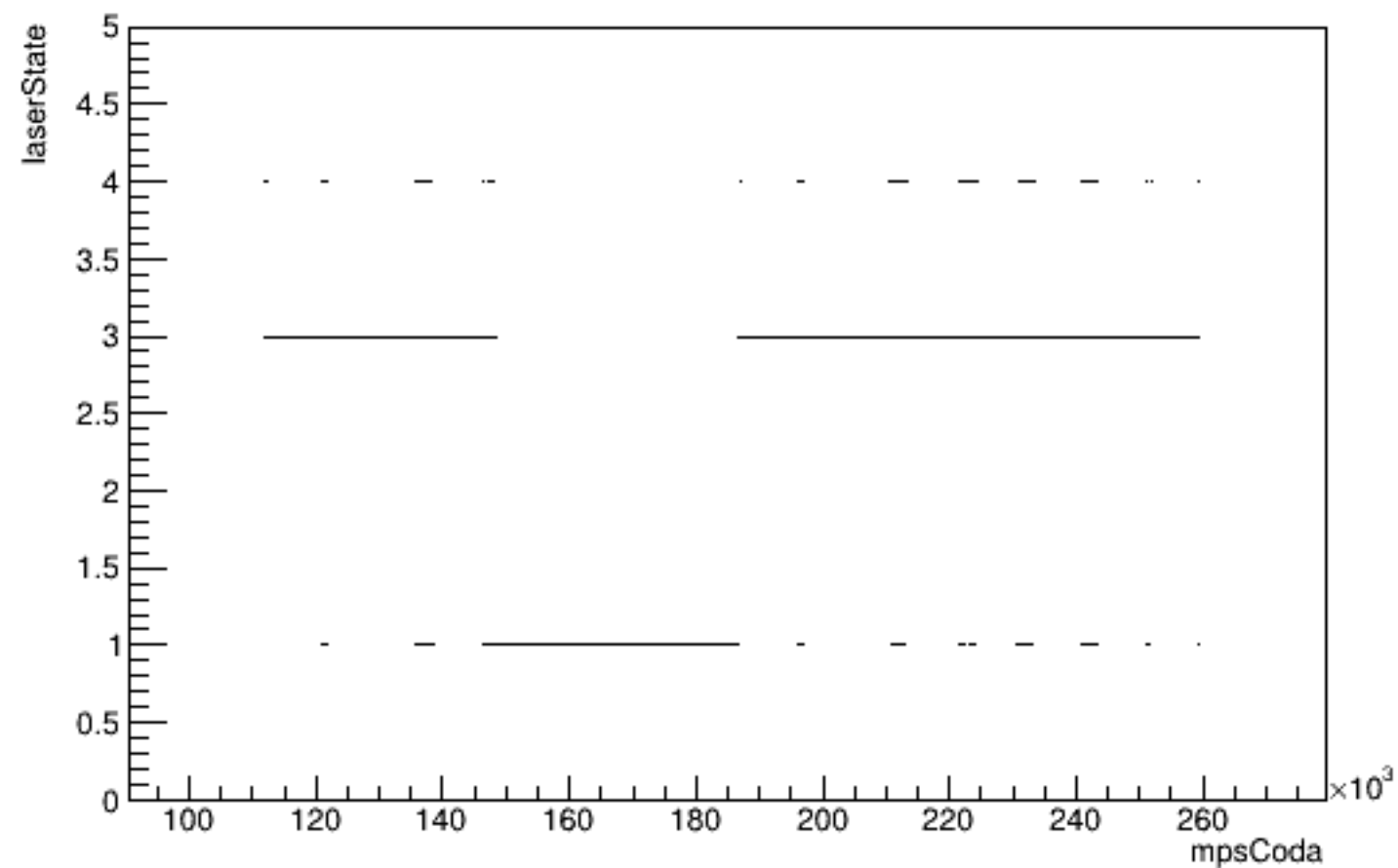
Run 4531 quartetwise, Asyms



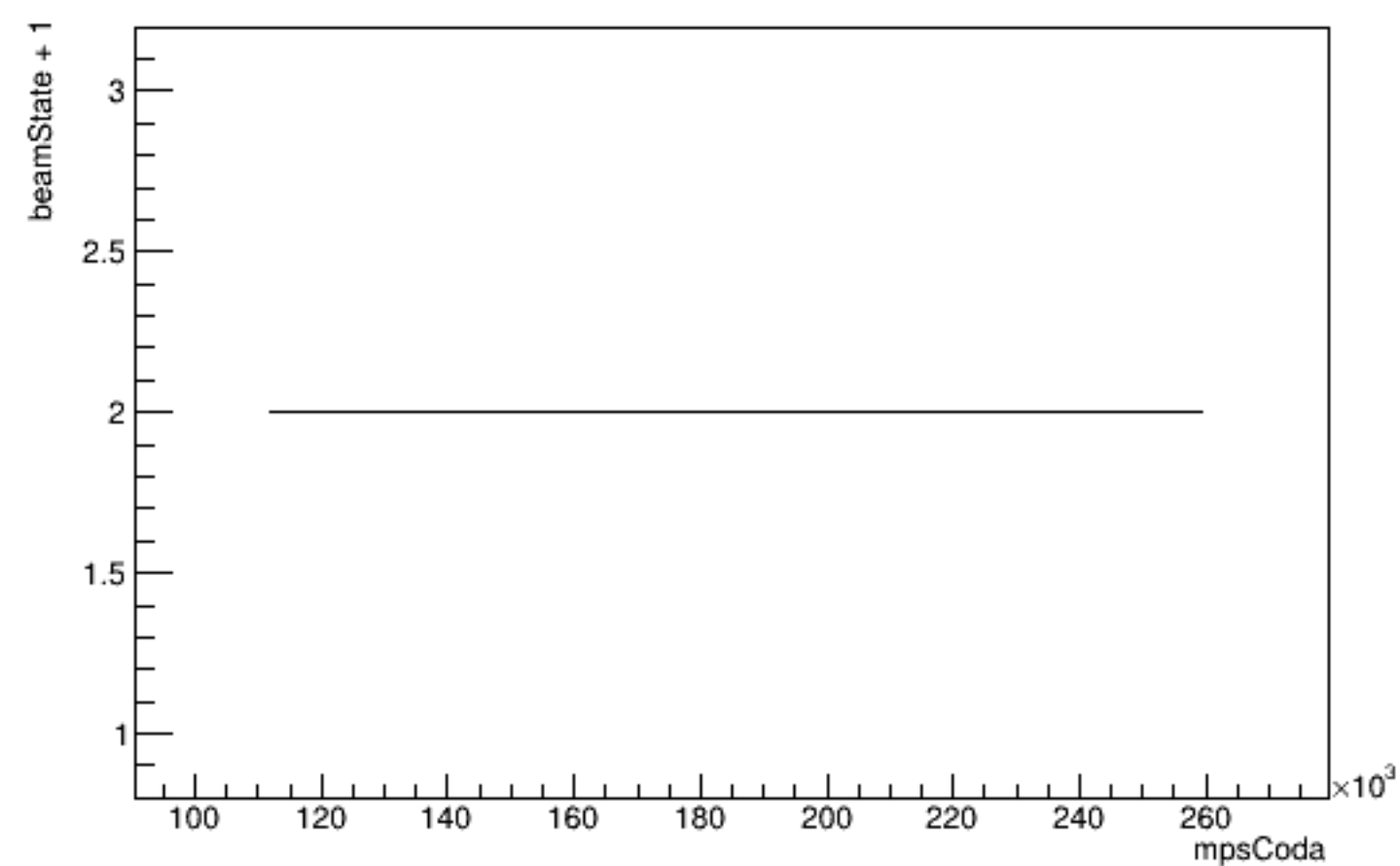
Acc0/NAcc0:mpsCoda {mpsCoda>=111765 && mpsCoda<=259468 && beamState==1}



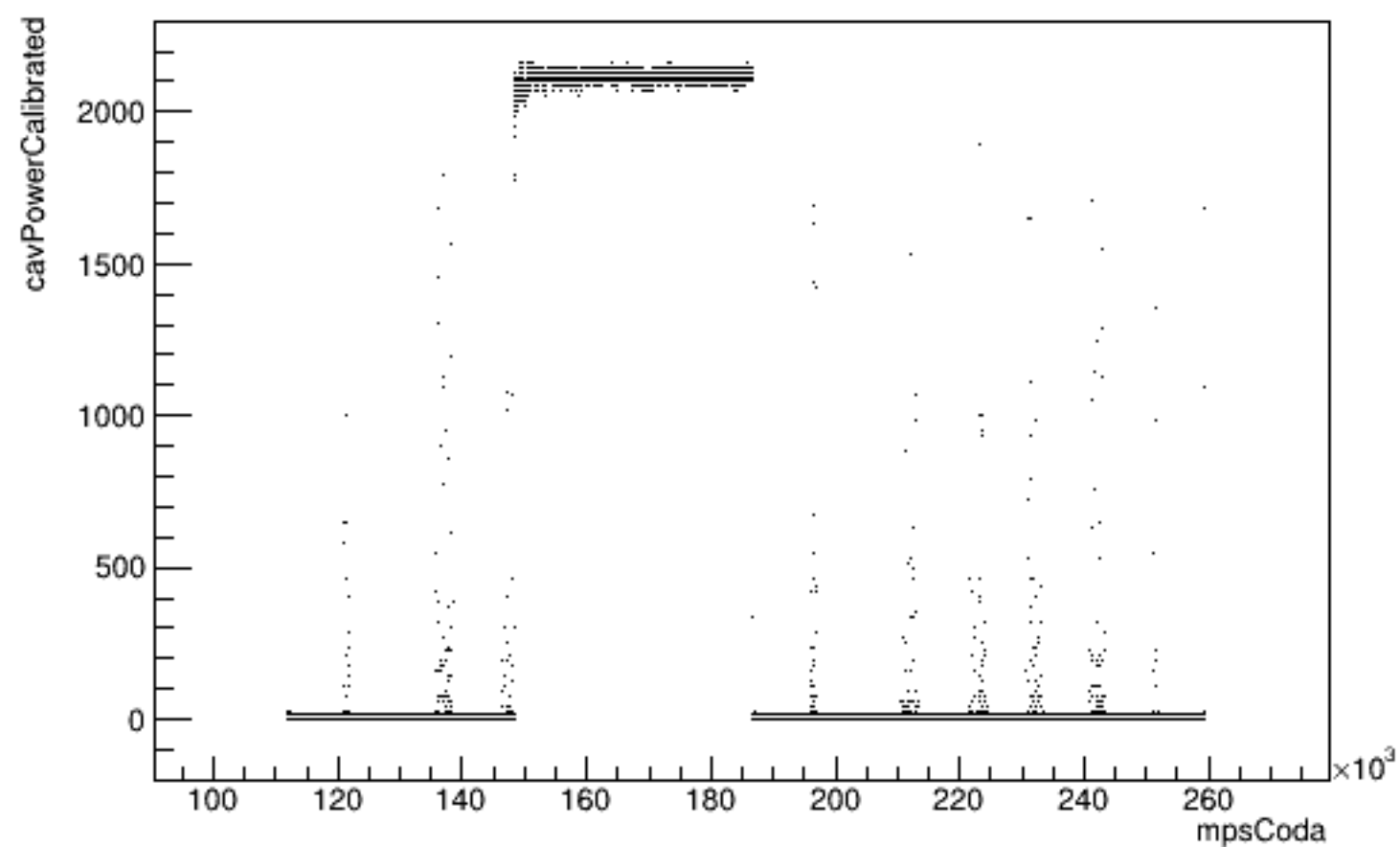
laserState:mpsCoda {mpsCoda>=111765 && mpsCoda<=259468}



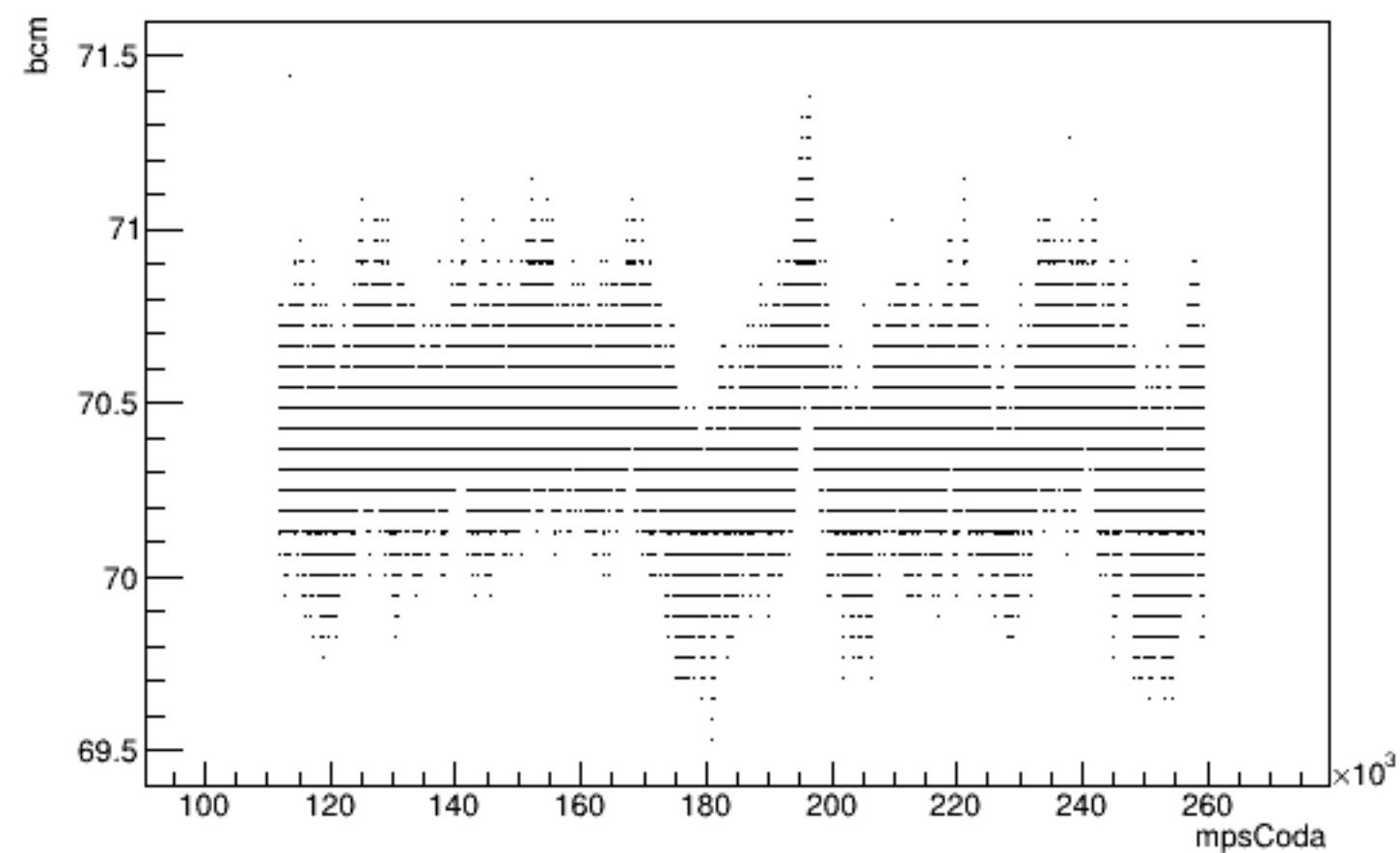
beamState + 1:mpsCoda {mpsCoda>=111765 && mpsCoda<=259468}



cavPowerCalibrated:mpsCoda {mpsCoda>=111765 && mpsCoda<=259468}



bcm:mpsCoda {mpsCoda>=111765 && mpsCoda<=259468}



Cycle 4, Diffs

Entries: 8914

Mean: -0.0030 +/- 0.0024

Std Dev: 0.2279 +/- 0.0017

Entries: 4783

Mean: -0.1450 +/- 0.0045

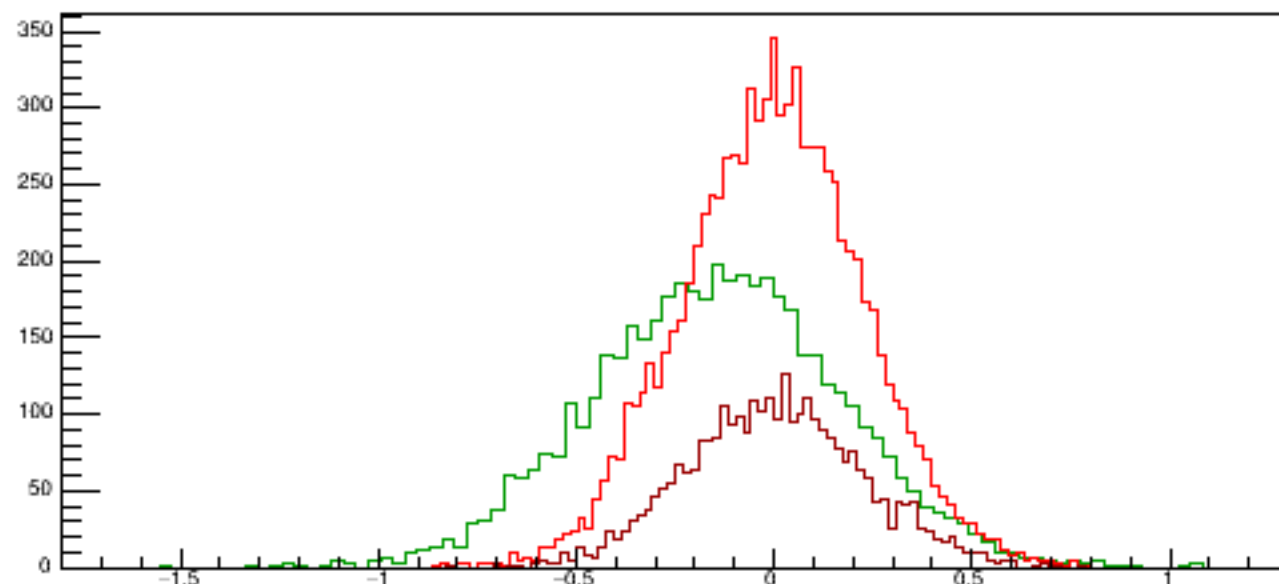
Std Dev: 0.3117 +/- 0.0032

Entries: 3093

Mean: 0.0013 +/- 0.0040

Std Dev: 0.2215 +/- 0.0028

Run 4531 quartetwise, Diffs



Cycle 4, Sums

Entries: 8914

Mean: 11.1300 +/- 0.0064

Std Dev: 0.6041 +/- 0.0045

Entries: 4783

Mean: 20.6021 +/- 0.0092

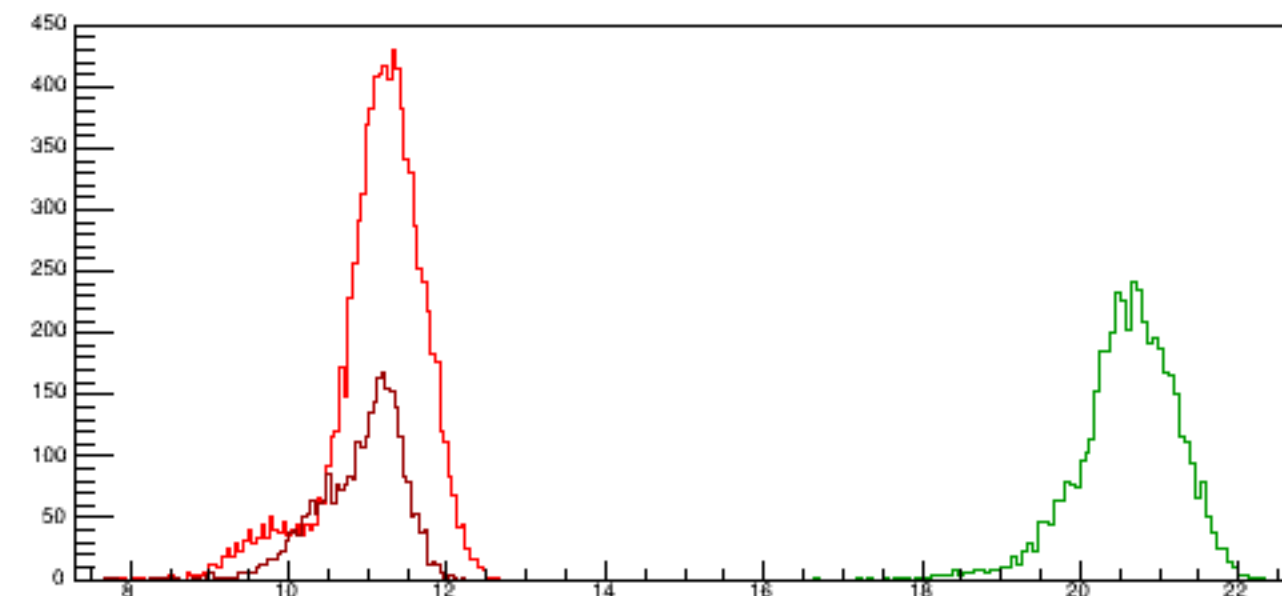
Std Dev: 0.6337 +/- 0.0065

Entries: 3093

Mean: 10.9014 +/- 0.0098

Std Dev: 0.5438 +/- 0.0069

Run 4531 quartetwise, Sums



Cycle 4, Asyms

Entries: 8914

Mean: -0.0003 +/- 0.0003

Std Dev: 0.0238 +/- 0.0002

Entries: 4783

Mean: -0.0152 +/- 0.0005

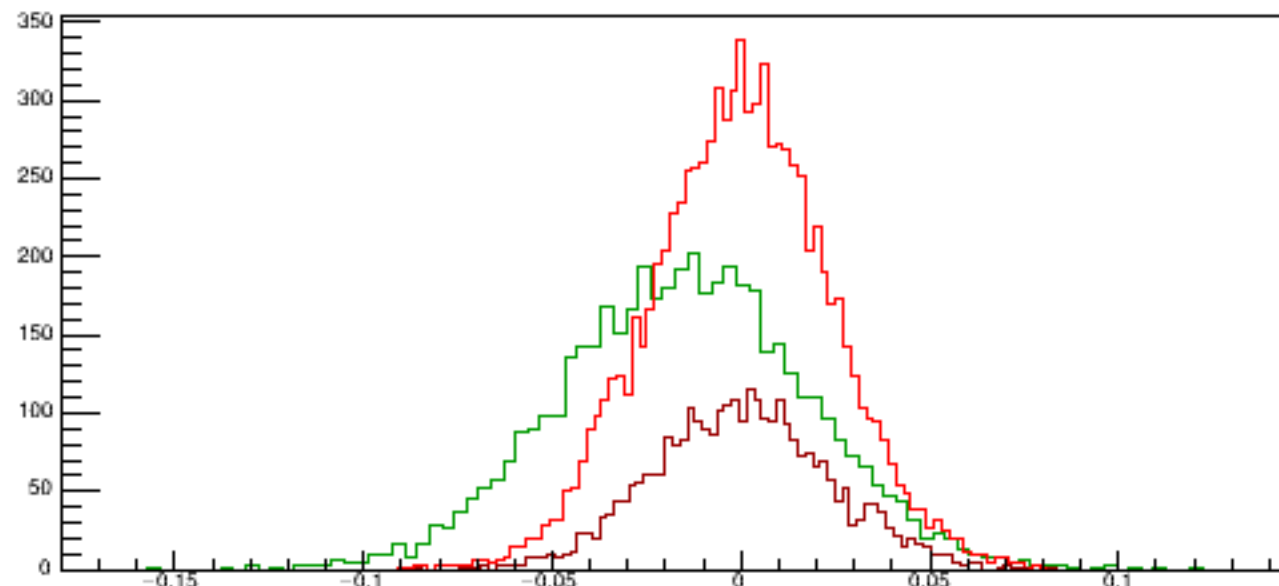
Std Dev: 0.0326 +/- 0.0003

Entries: 3093

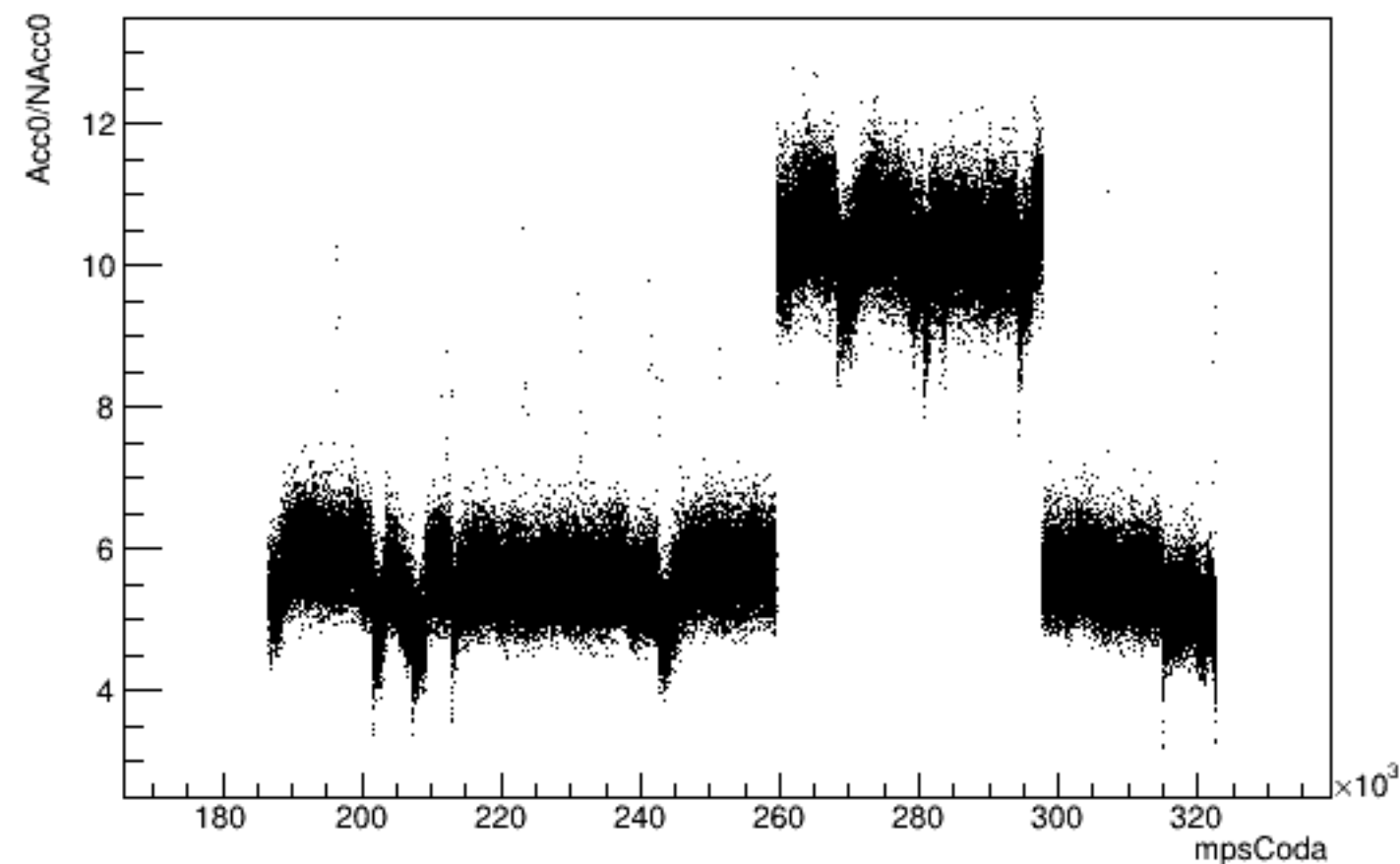
Mean: 0.0001 +/- 0.0004

Std Dev: 0.0231 +/- 0.0003

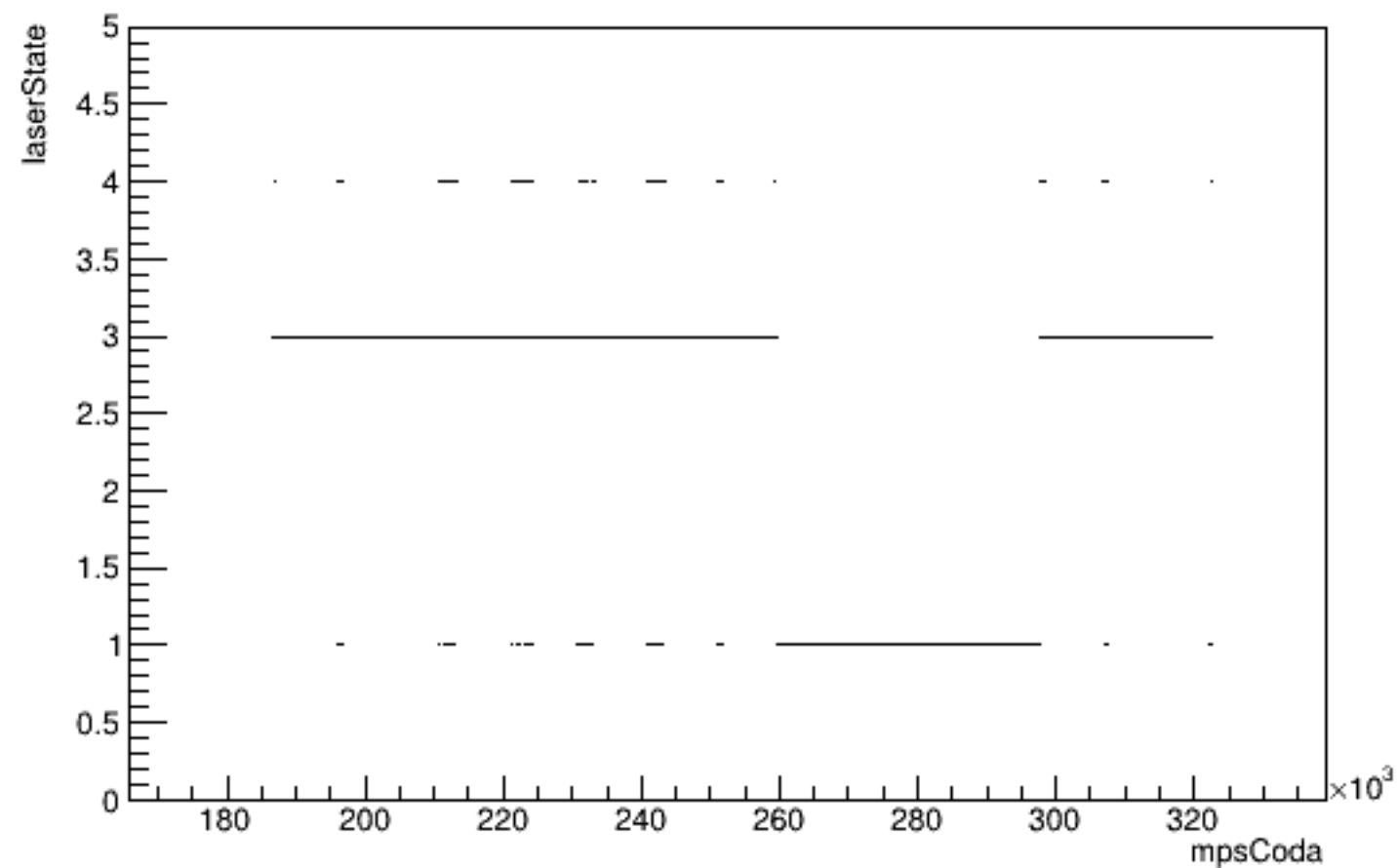
Run 4531 quartetwise, Asyms



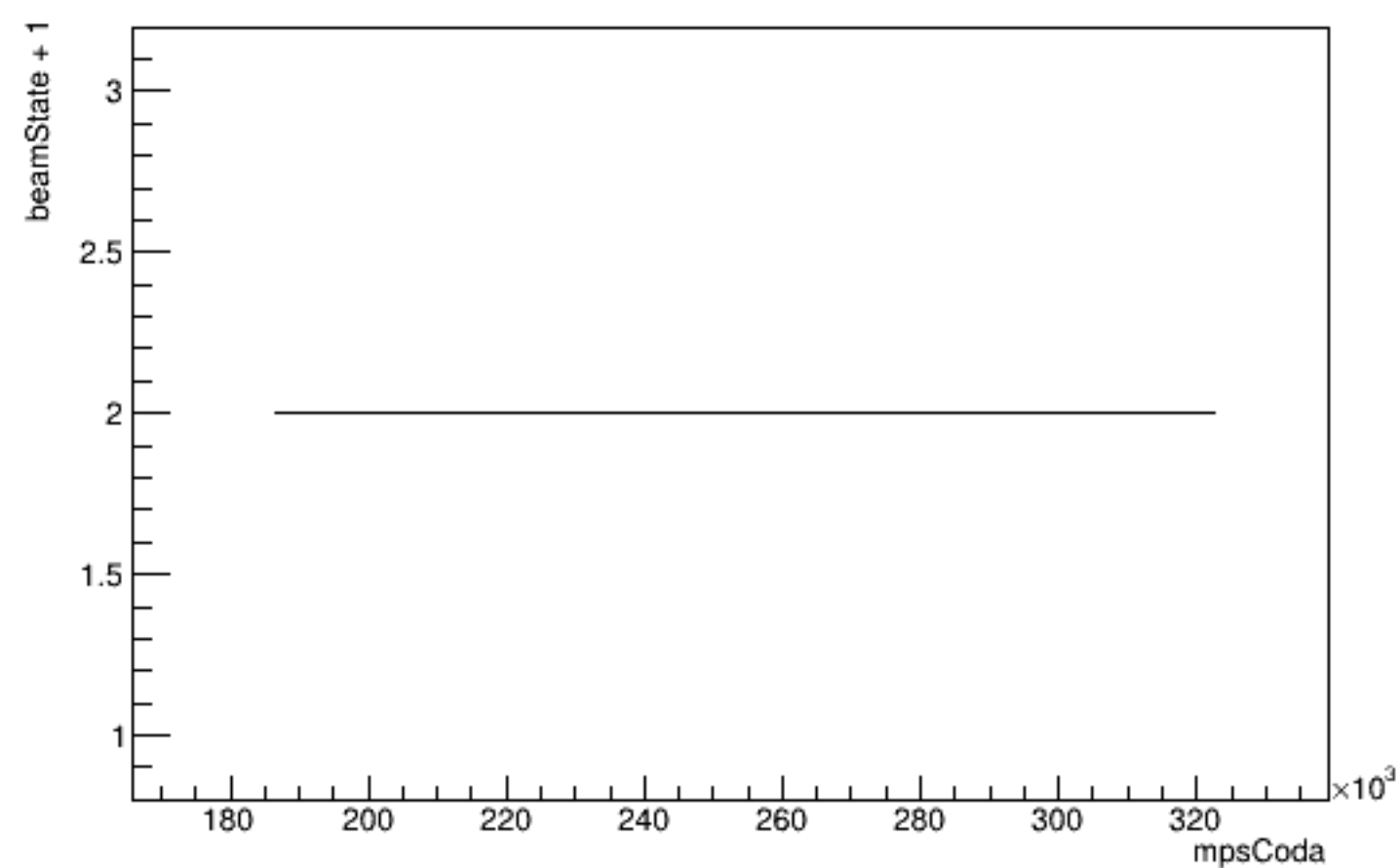
Acc0/NAcc0:mpsCoda {mpsCoda>=186725 && mpsCoda<=322724 && beamState==1}



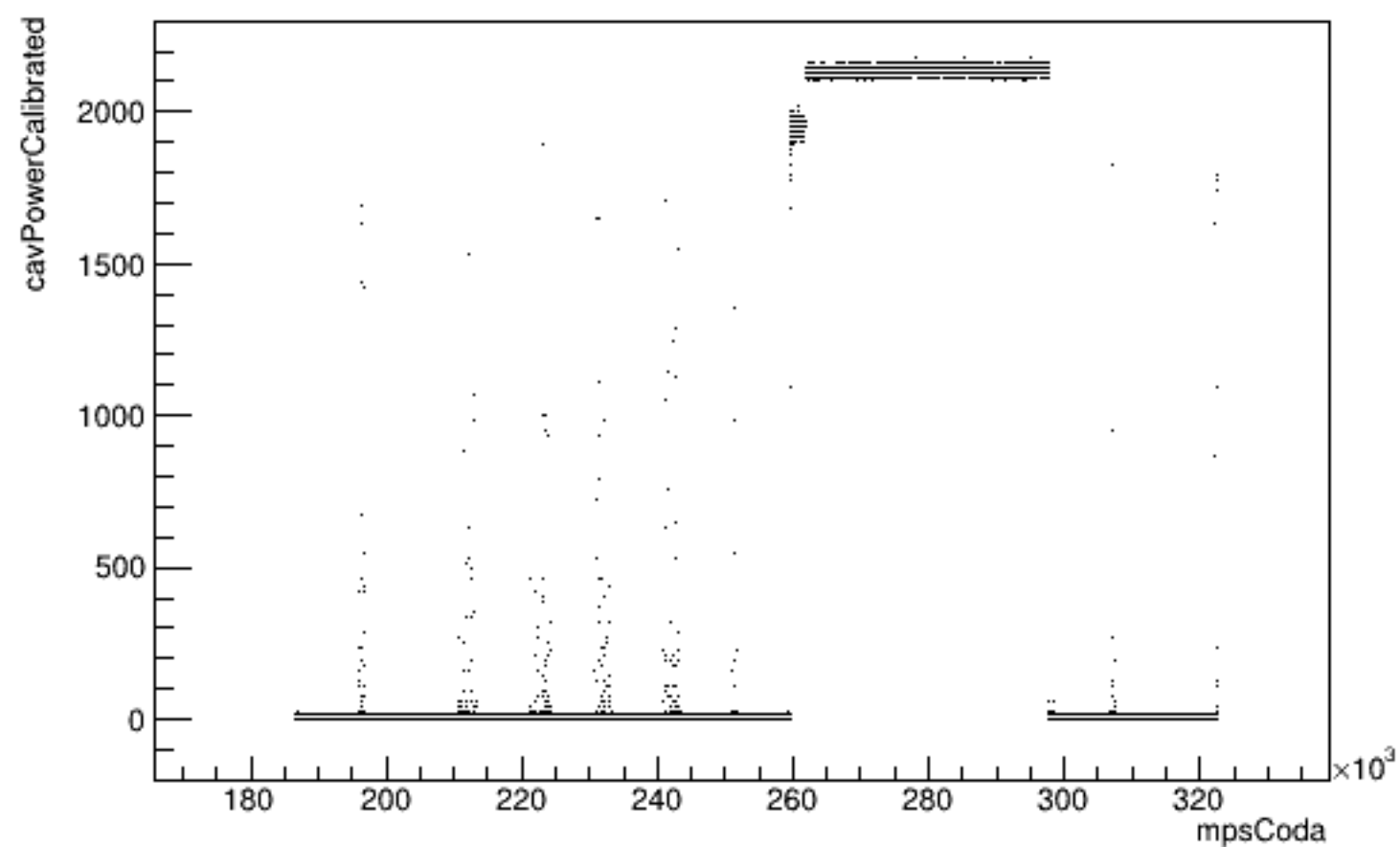
laserState:mpsCoda {mpsCoda>=186725 && mpsCoda<=322724}



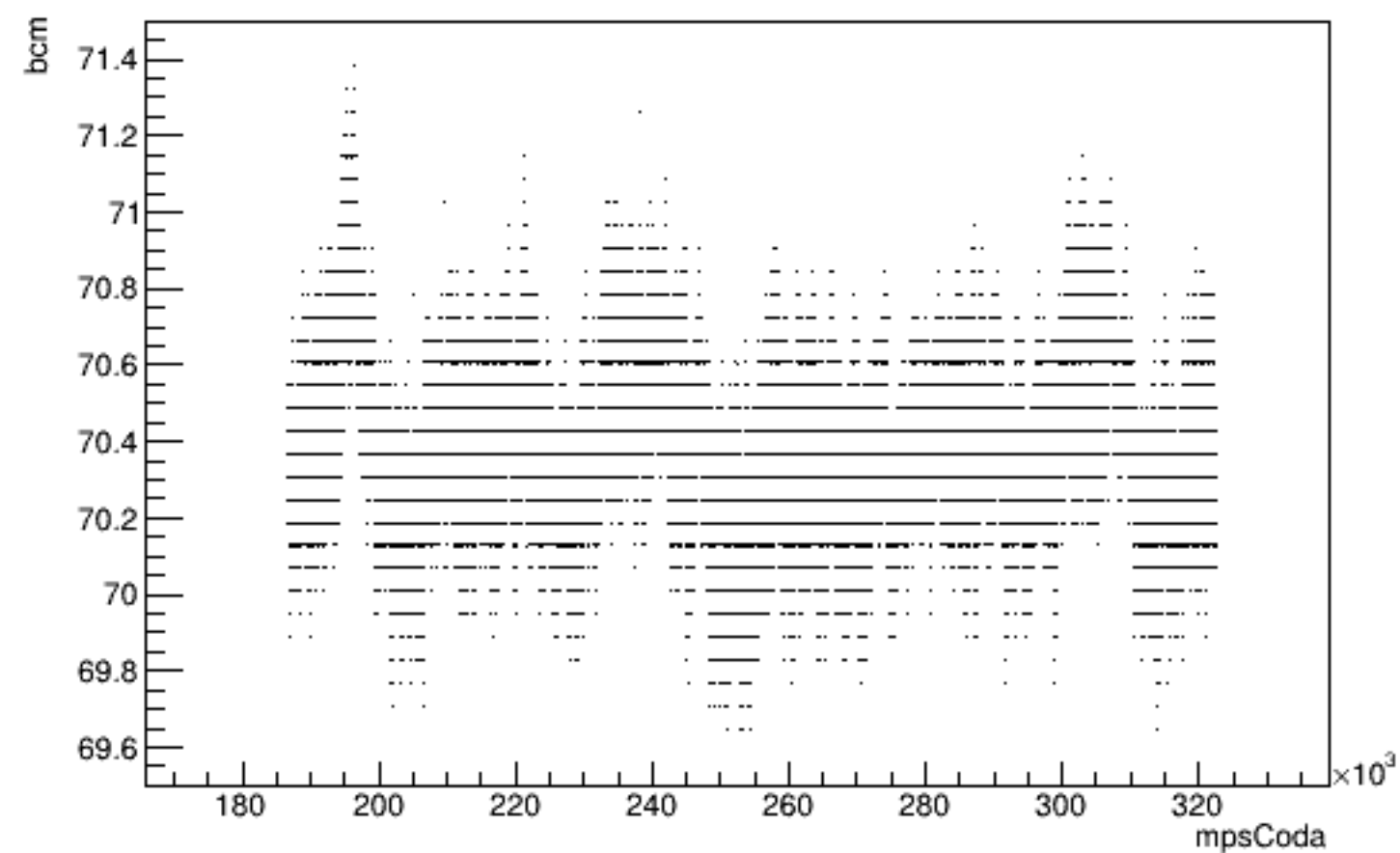
beamState + 1:mpsCoda {mpsCoda>=186725 && mpsCoda<=322724}



cavPowerCalibrated:mpsCoda {mpsCoda>=186725 && mpsCoda<=322724}



bcm:mpsCoda {mpsCoda>=186725 && mpsCoda<=322724}



Cycle 5, Diffs

Entries: 3093

Mean: 0.0013 +/- 0.0040

Std Dev: 0.2215 +/- 0.0028

Entries: 4793

Mean: -0.1498 +/- 0.0045

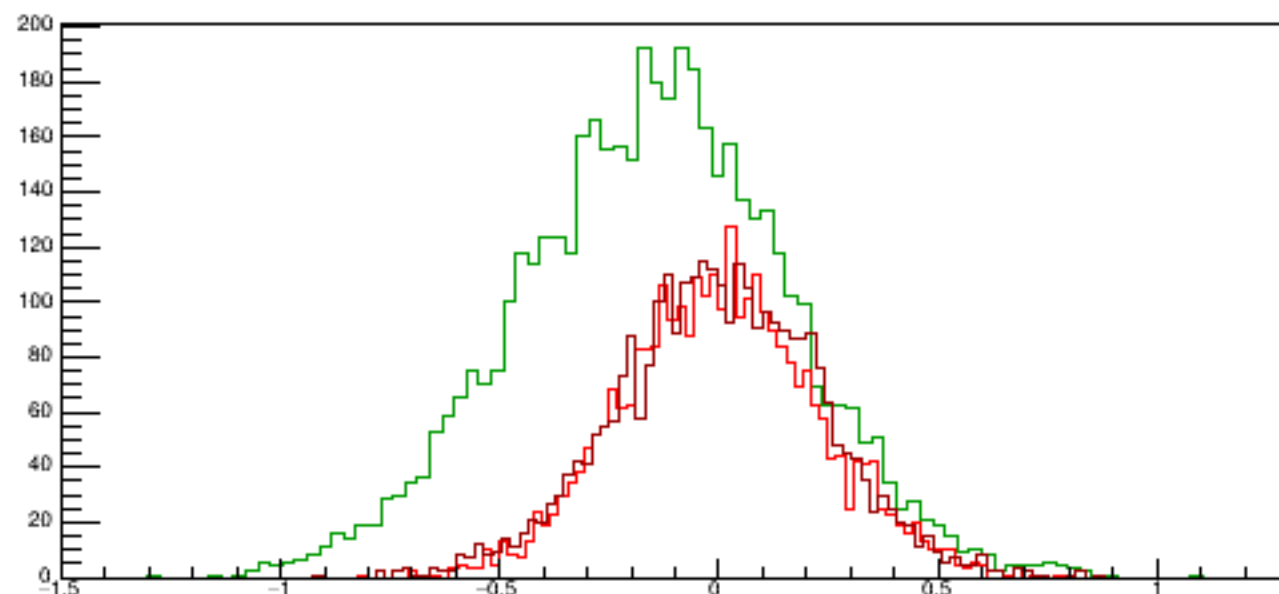
Std Dev: 0.3087 +/- 0.0032

Entries: 3080

Mean: -0.0008 +/- 0.0042

Std Dev: 0.2329 +/- 0.0030

Run 4531 quartetwise, Diffs



Cycle 5, Sums

Entries: 3093

Mean: 10.9014 +/- 0.0098

Std Dev: 0.5438 +/- 0.0069

Entries: 4793

Mean: 21.0384 +/- 0.0134

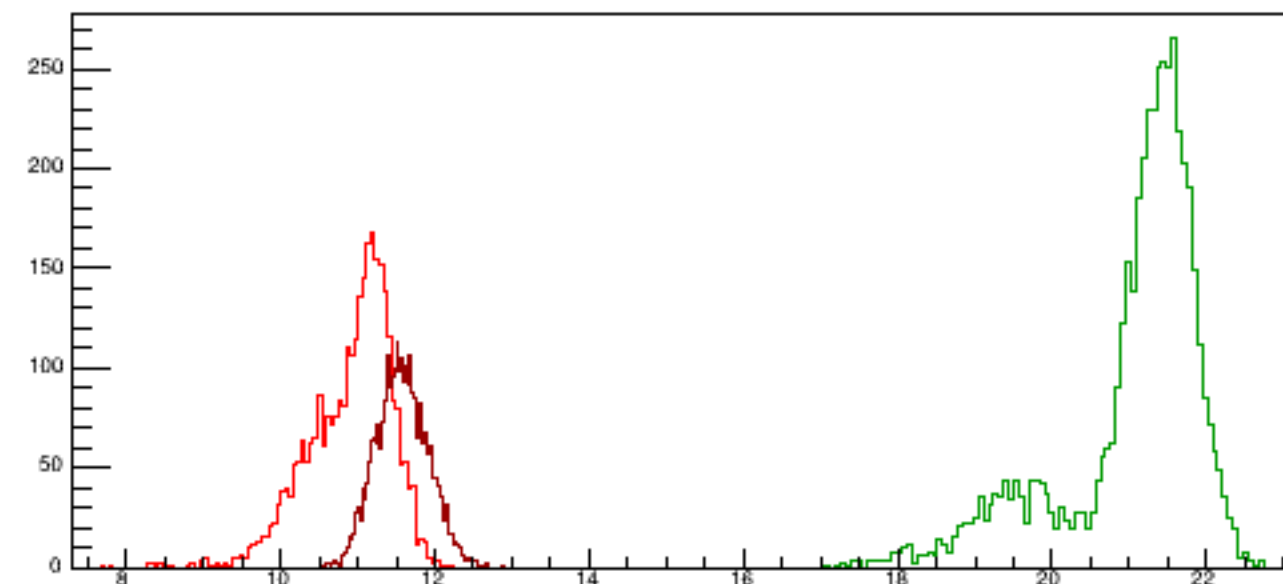
Std Dev: 0.9246 +/- 0.0094

Entries: 3080

Mean: 11.5782 +/- 0.0061

Std Dev: 0.3361 +/- 0.0043

Run 4531 quartetwise, Sums



Cycle 5, Asyms

Entries: 3093

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0226 +/- 0.0003

Entries: 4793

Mean: -0.0154 +/- 0.0005

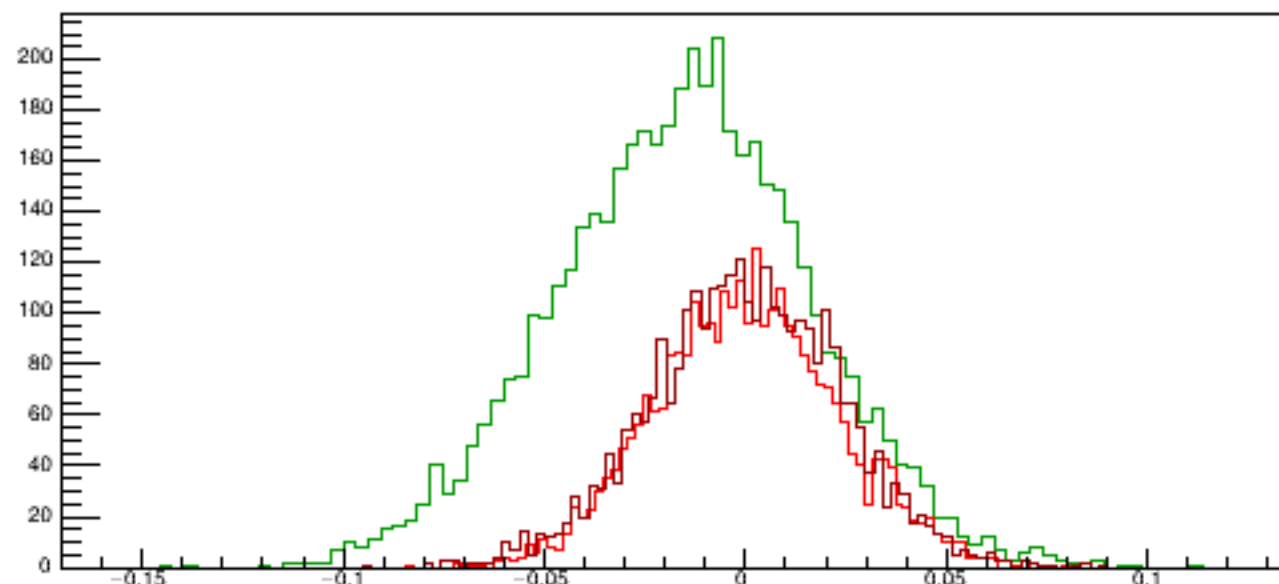
Std Dev: 0.0318 +/- 0.0003

Entries: 3080

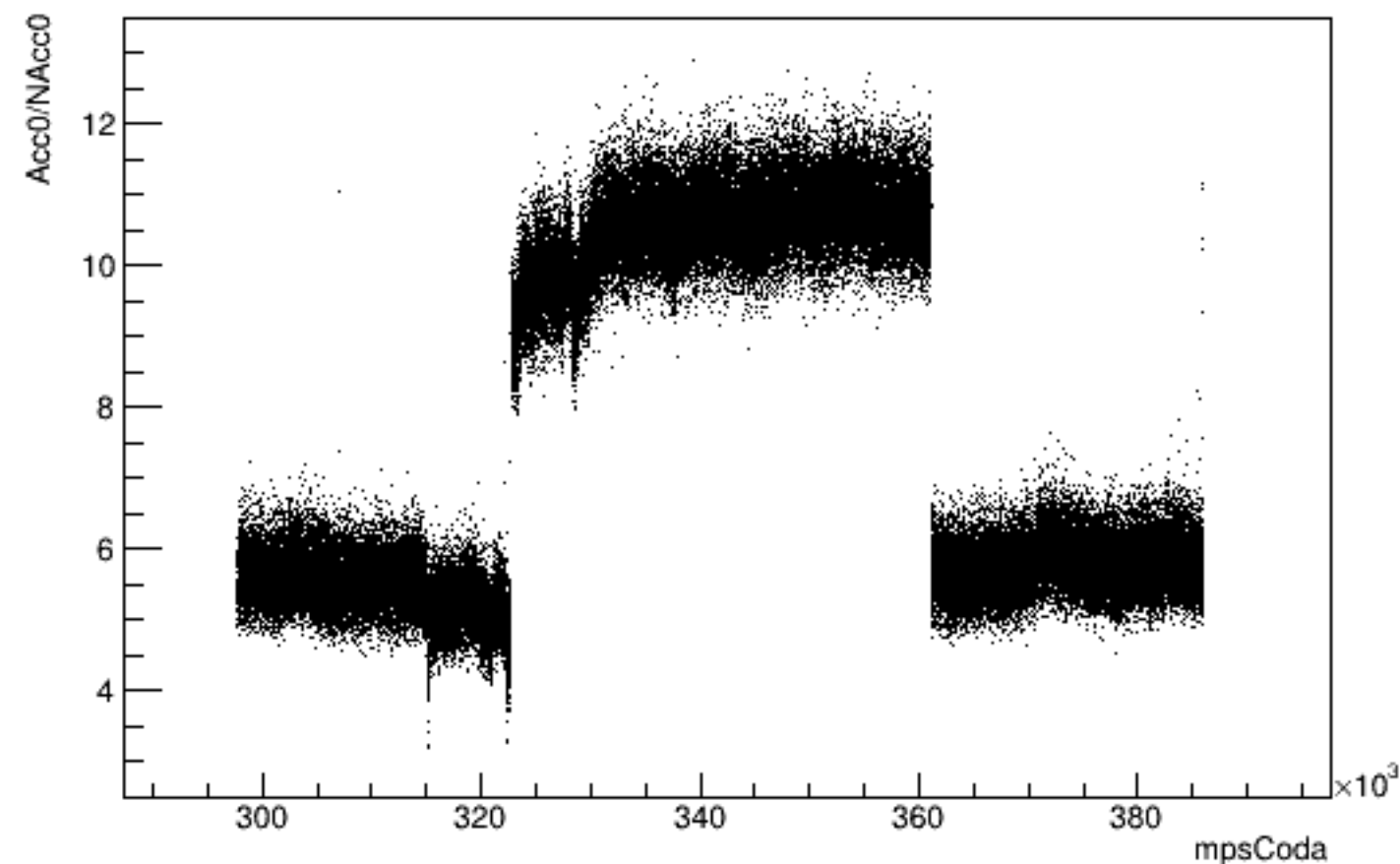
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0238 +/- 0.0003

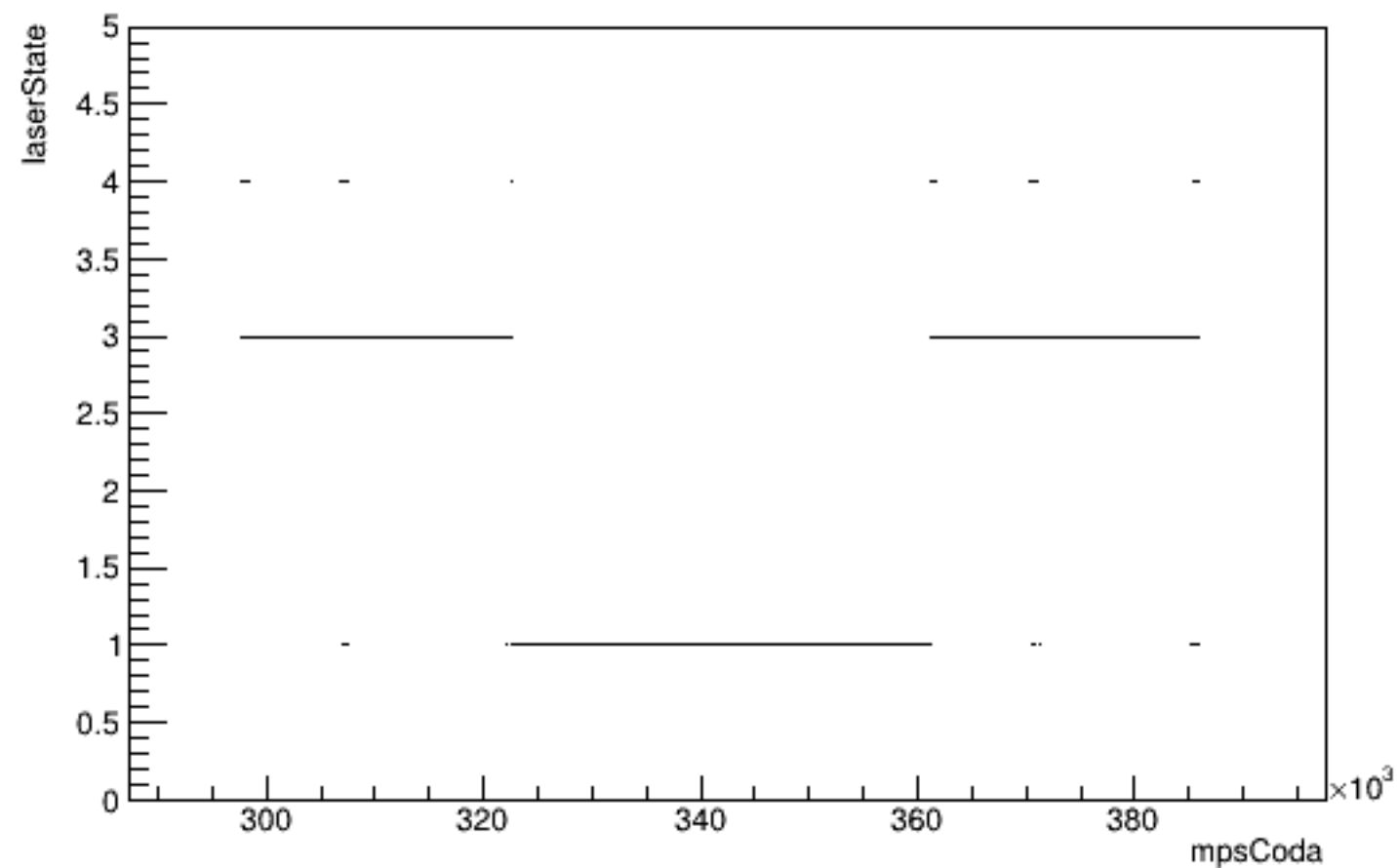
Run 4531 quartetwise, Asyms



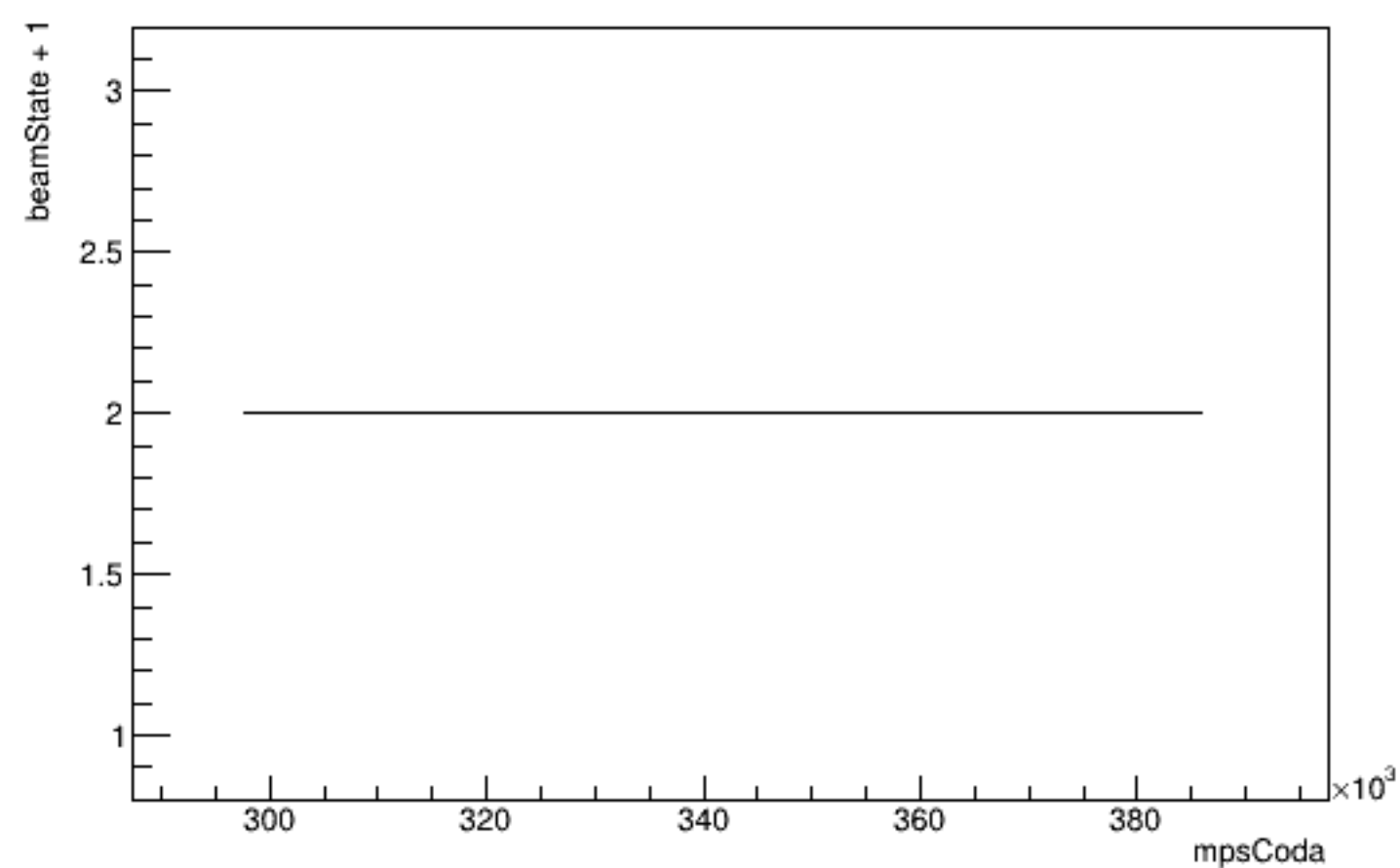
Acc0/NAcc0:mpsCoda {mpsCoda>=297741 && mpsCoda<=385988 && beamState==1}



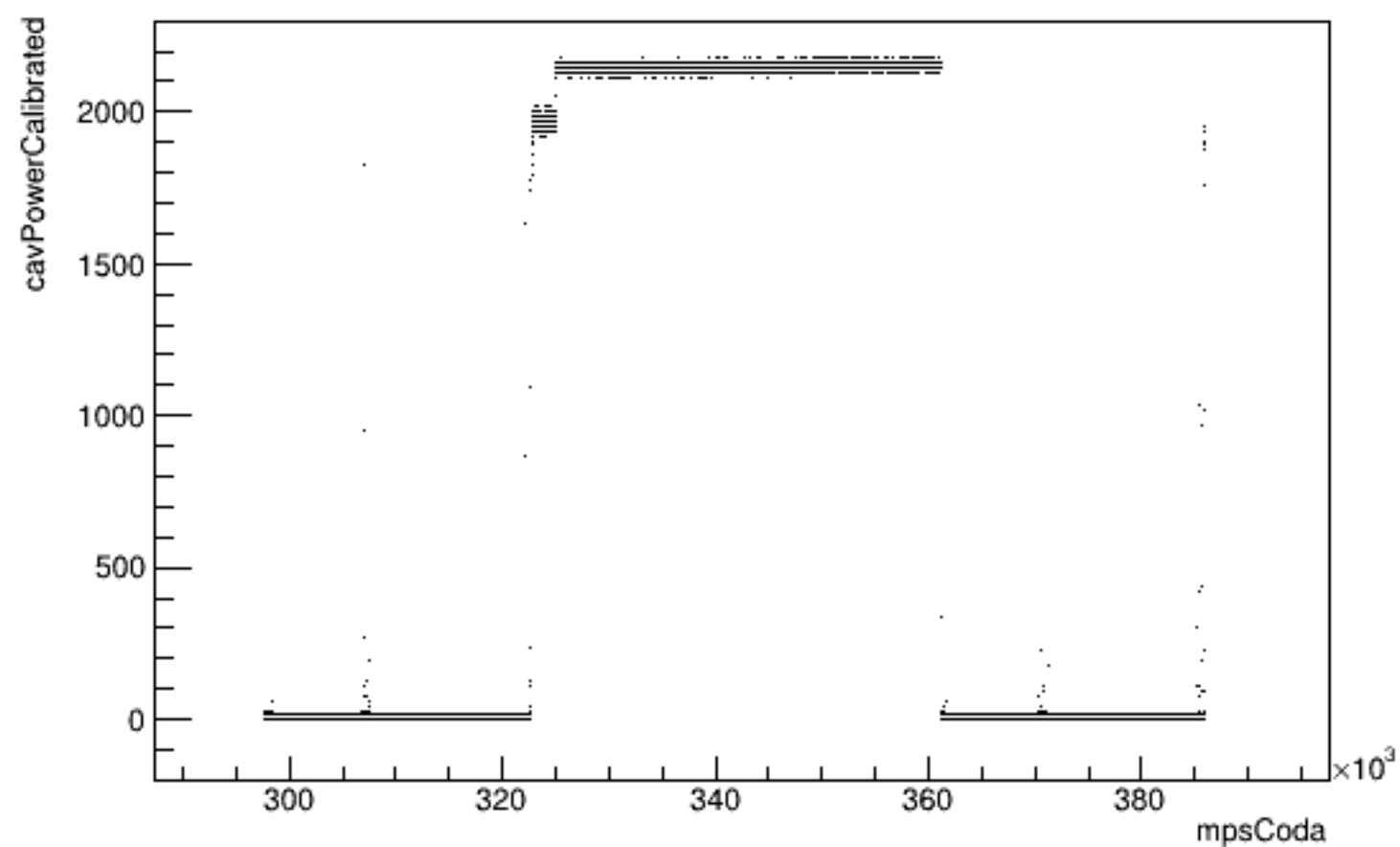
laserState:mpsCoda {mpsCoda>=297741 && mpsCoda<=385988}



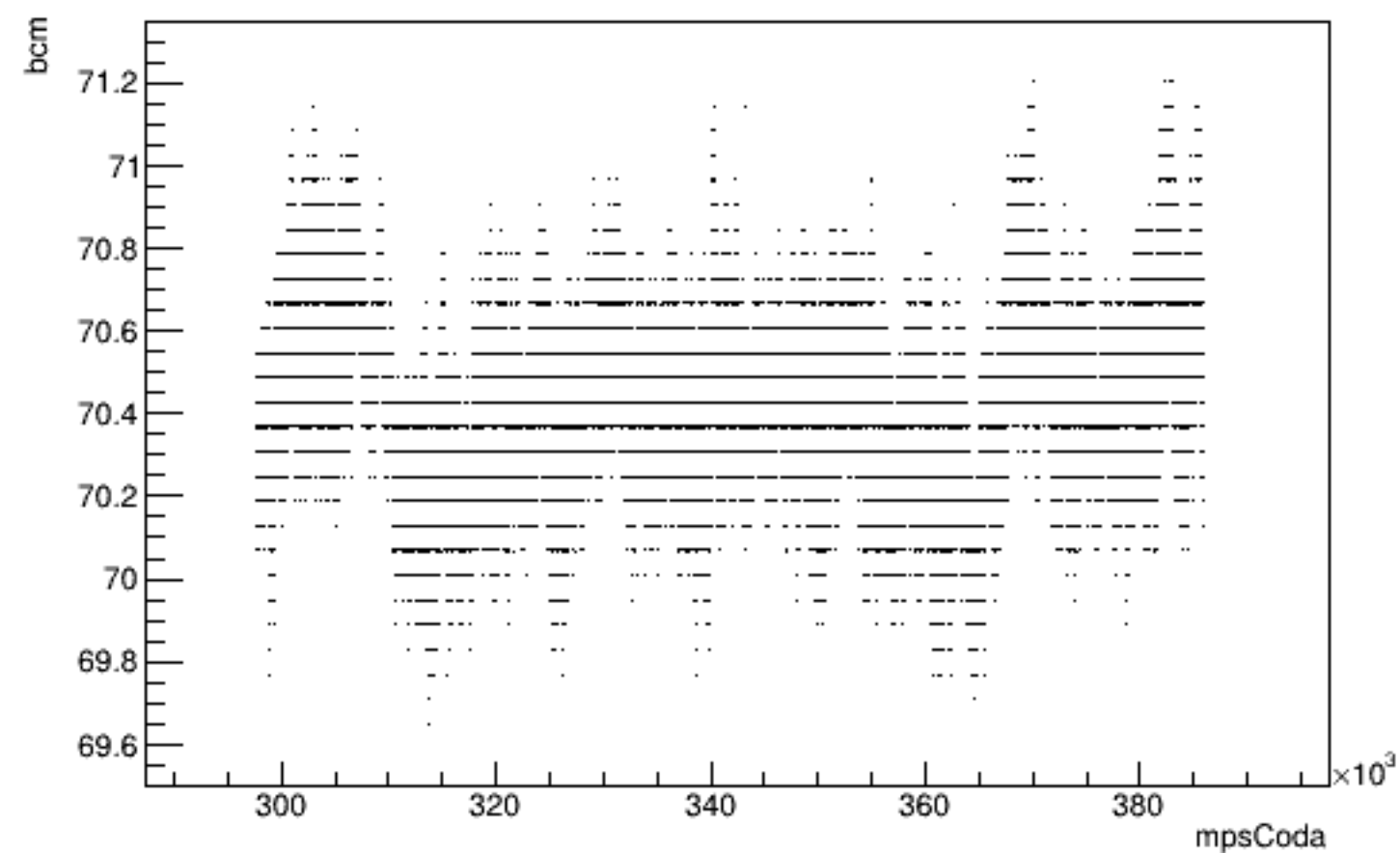
beamState + 1:mpsCoda {mpsCoda>=297741 && mpsCoda<=385988}



cavPowerCalibrated:mpsCoda {mpsCoda>=297741 && mpsCoda<=385988}



bcm:mpsCoda {mpsCoda>=297741 && mpsCoda<=385988}



Cycle 6, Diffs

Entries: 3080

Mean: -0.0008 +/- 0.0042

Std Dev: 0.2329 +/- 0.0030

Entries: 3878

Mean: -0.1423 +/- 0.0052

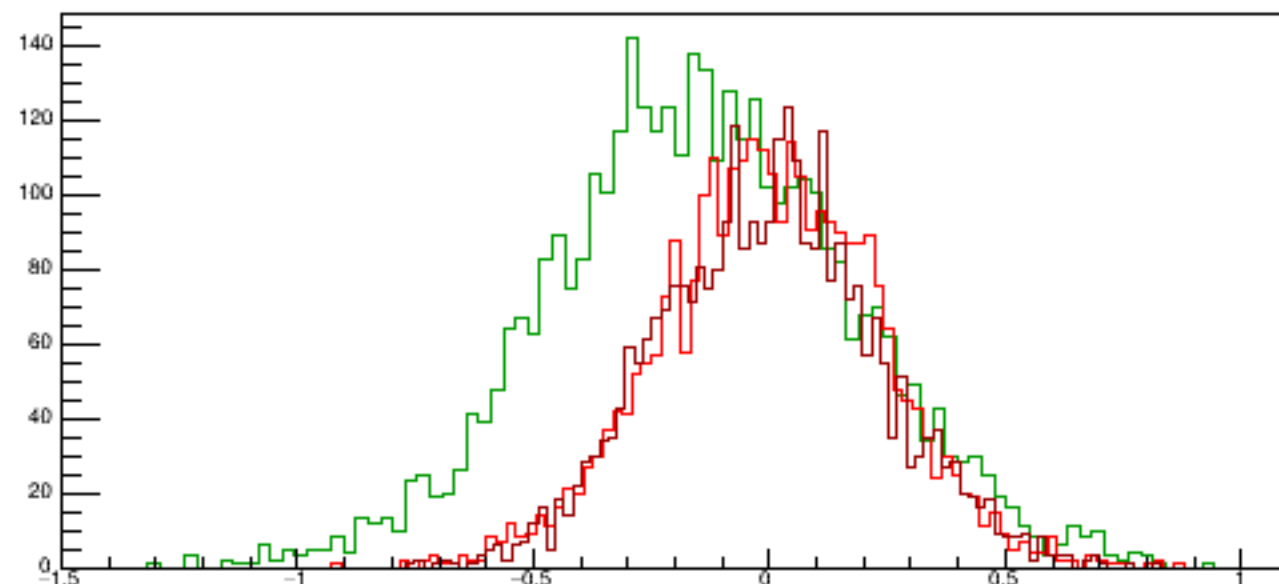
Std Dev: 0.3208 +/- 0.0036

Entries: 3168

Mean: -0.0036 +/- 0.0041

Std Dev: 0.2305 +/- 0.0029

Run 4531 quartetwise, Diffs



Cycle 6, Sums

Entries: 3080

Mean: 11.5782 +/- 0.0061

Std Dev: 0.3361 +/- 0.0043

Entries: 3878

Mean: 22.0158 +/- 0.0096

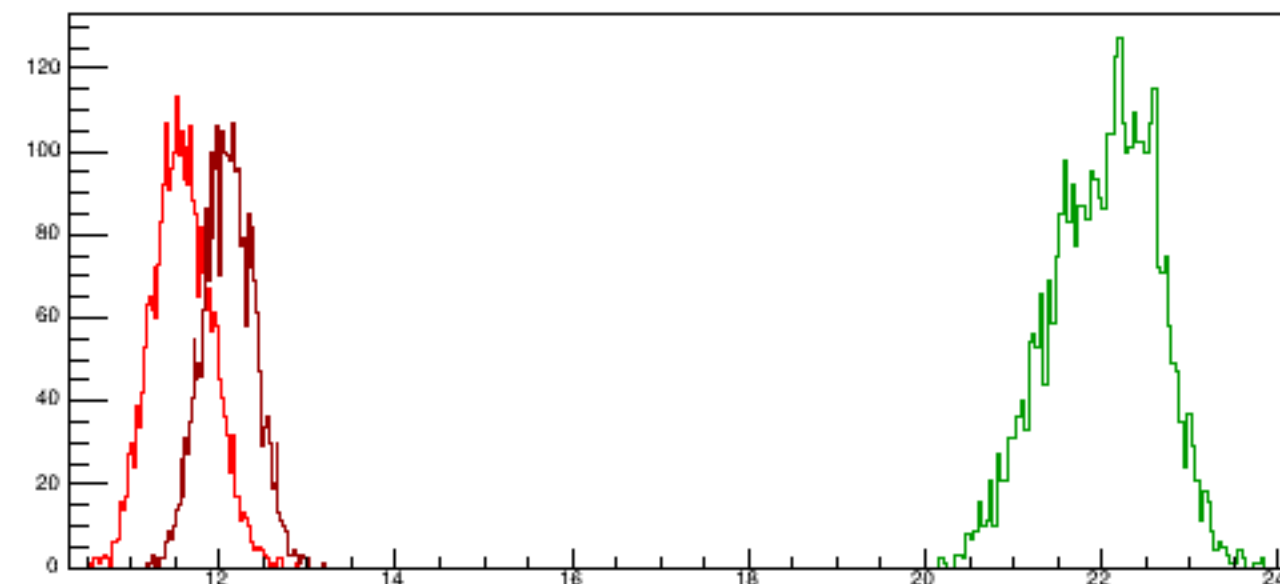
Std Dev: 0.5992 +/- 0.0068

Entries: 3168

Mean: 12.1060 +/- 0.0051

Std Dev: 0.2883 +/- 0.0036

Run 4531 quartetwise, Sums



Cycle 6, Asyms

Entries: 3080

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0229 +/- 0.0003

Entries: 3878

Mean: -0.0140 +/- 0.0005

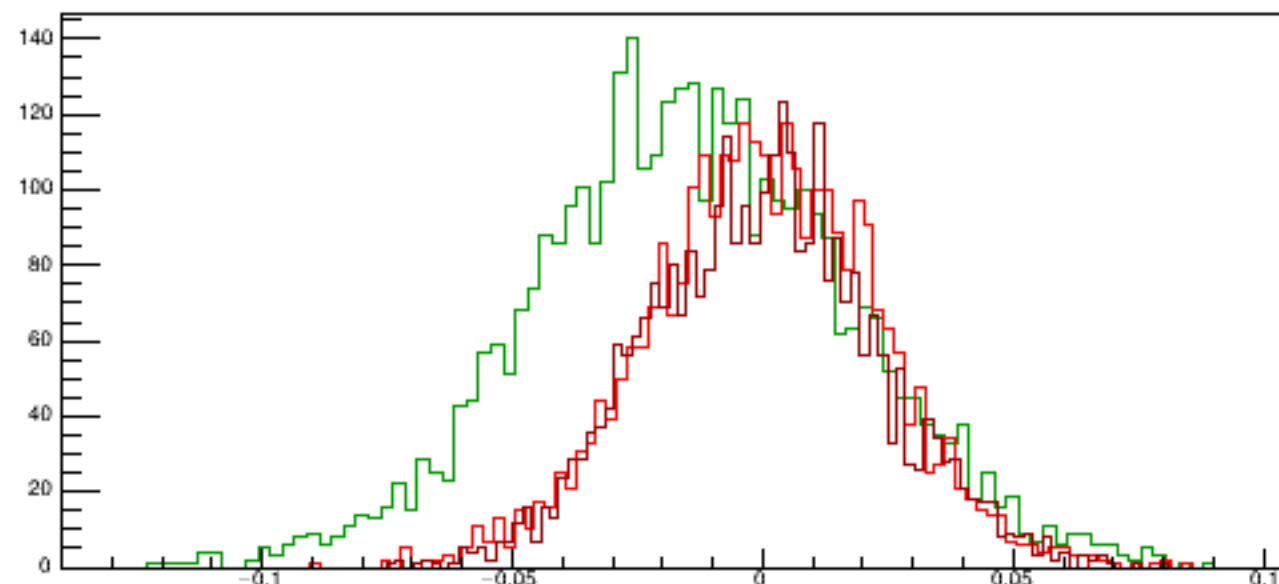
Std Dev: 0.0316 +/- 0.0004

Entries: 3168

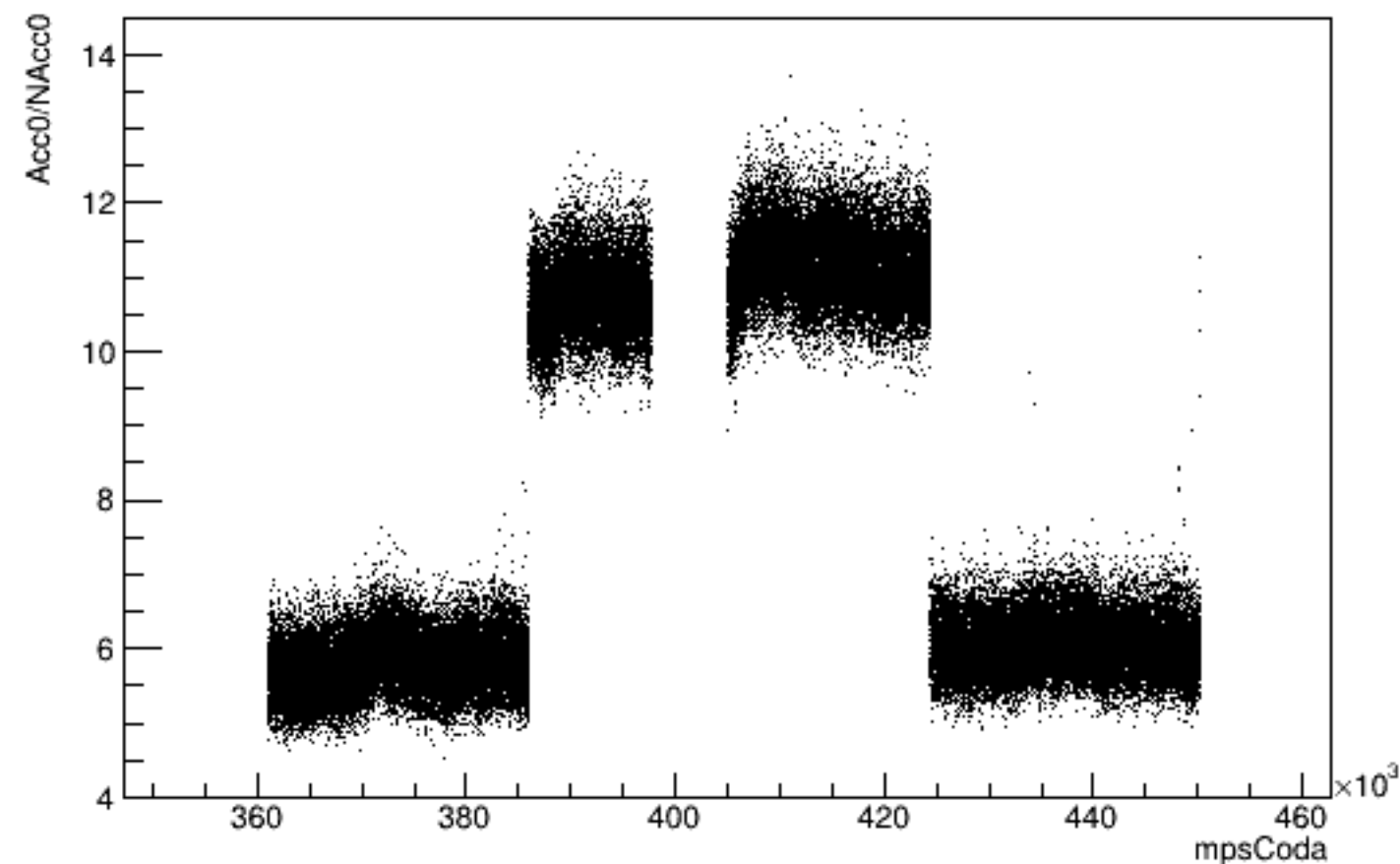
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0227 +/- 0.0003

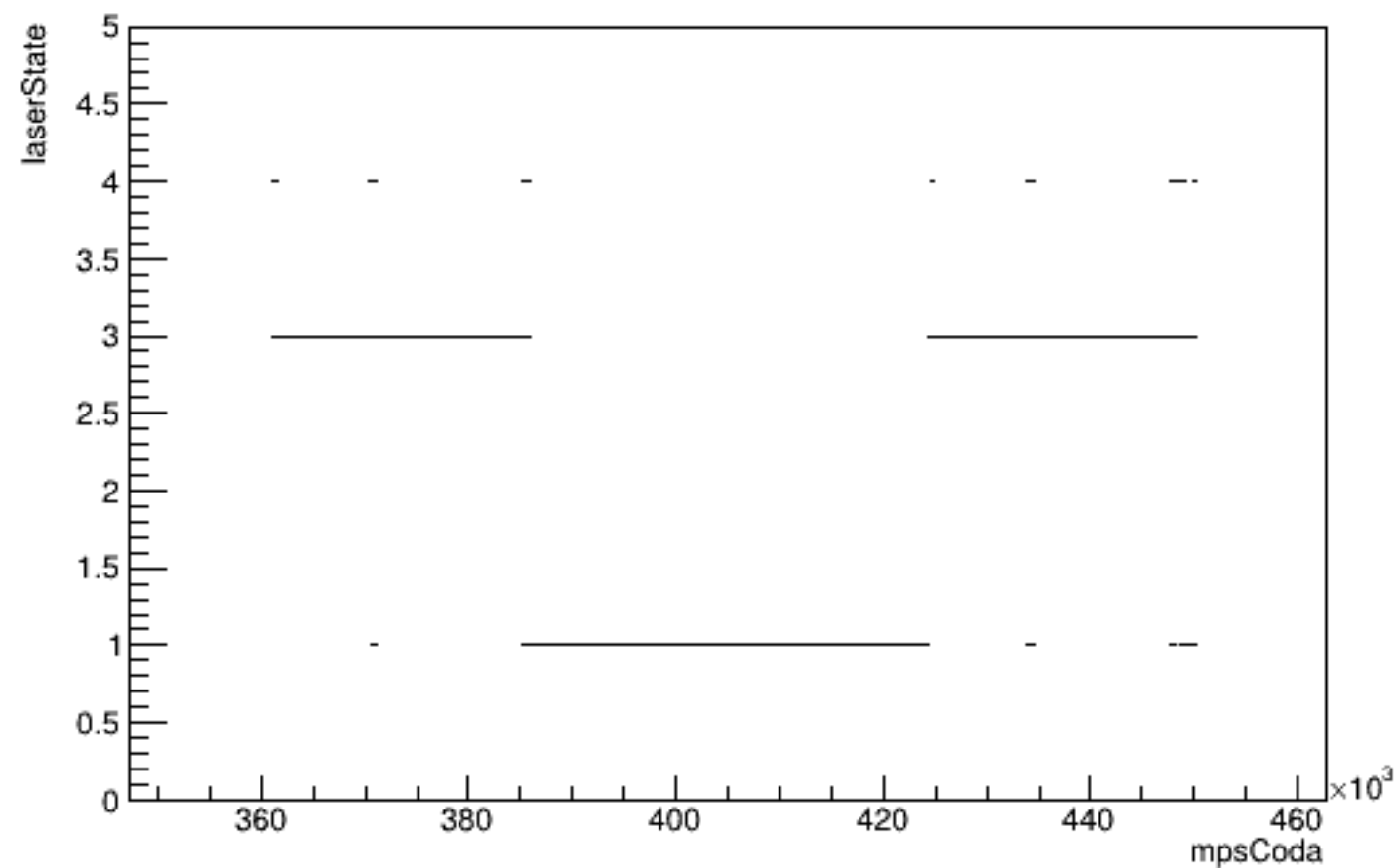
Run 4531 quartetwise, Asyms



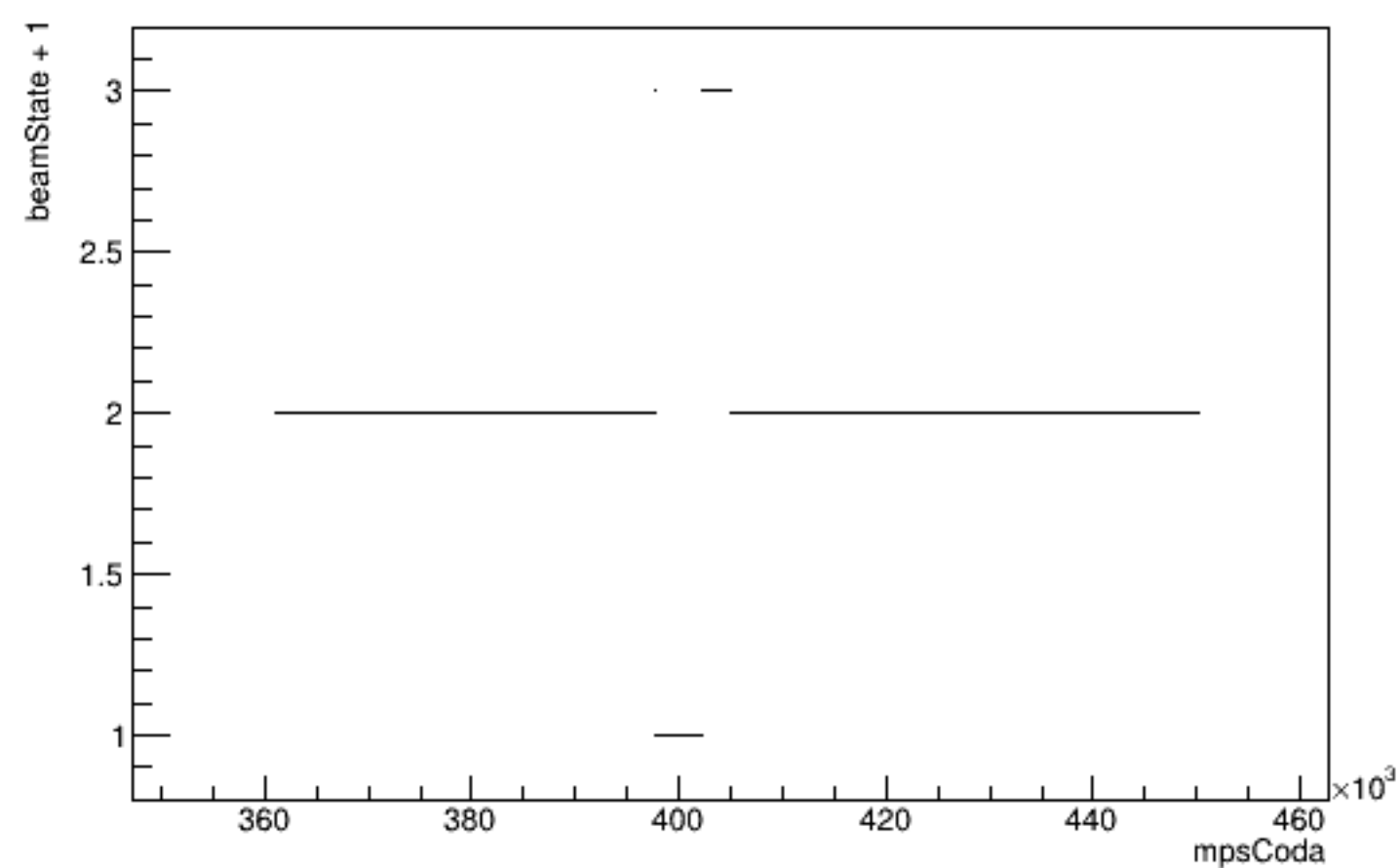
Acc0/NAcc0:mpsCoda {mpsCoda>=361077 && mpsCoda<=450188 && beamState==1}



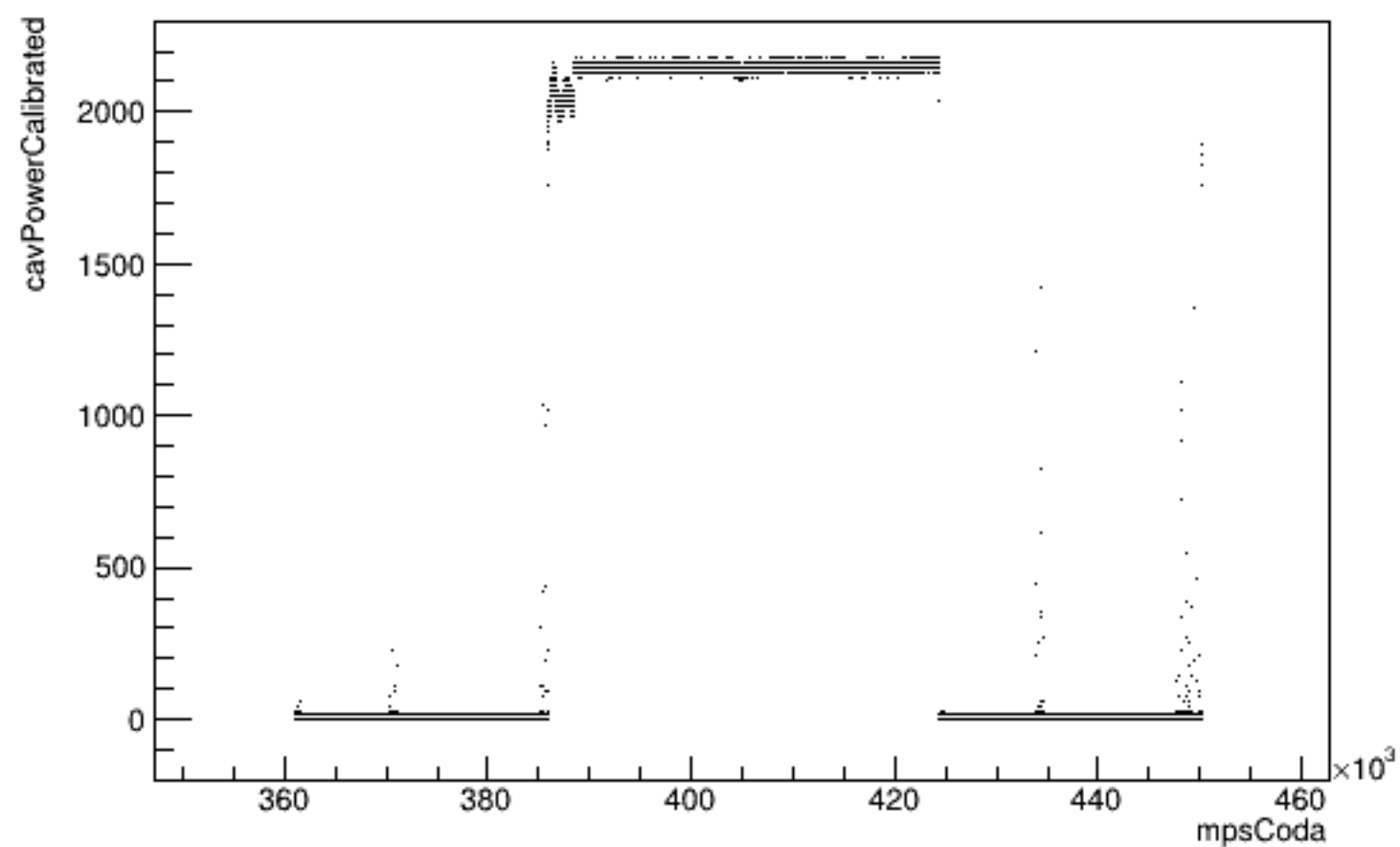
laserState:mpsCoda {mpsCoda>=361077 && mpsCoda<=450188}



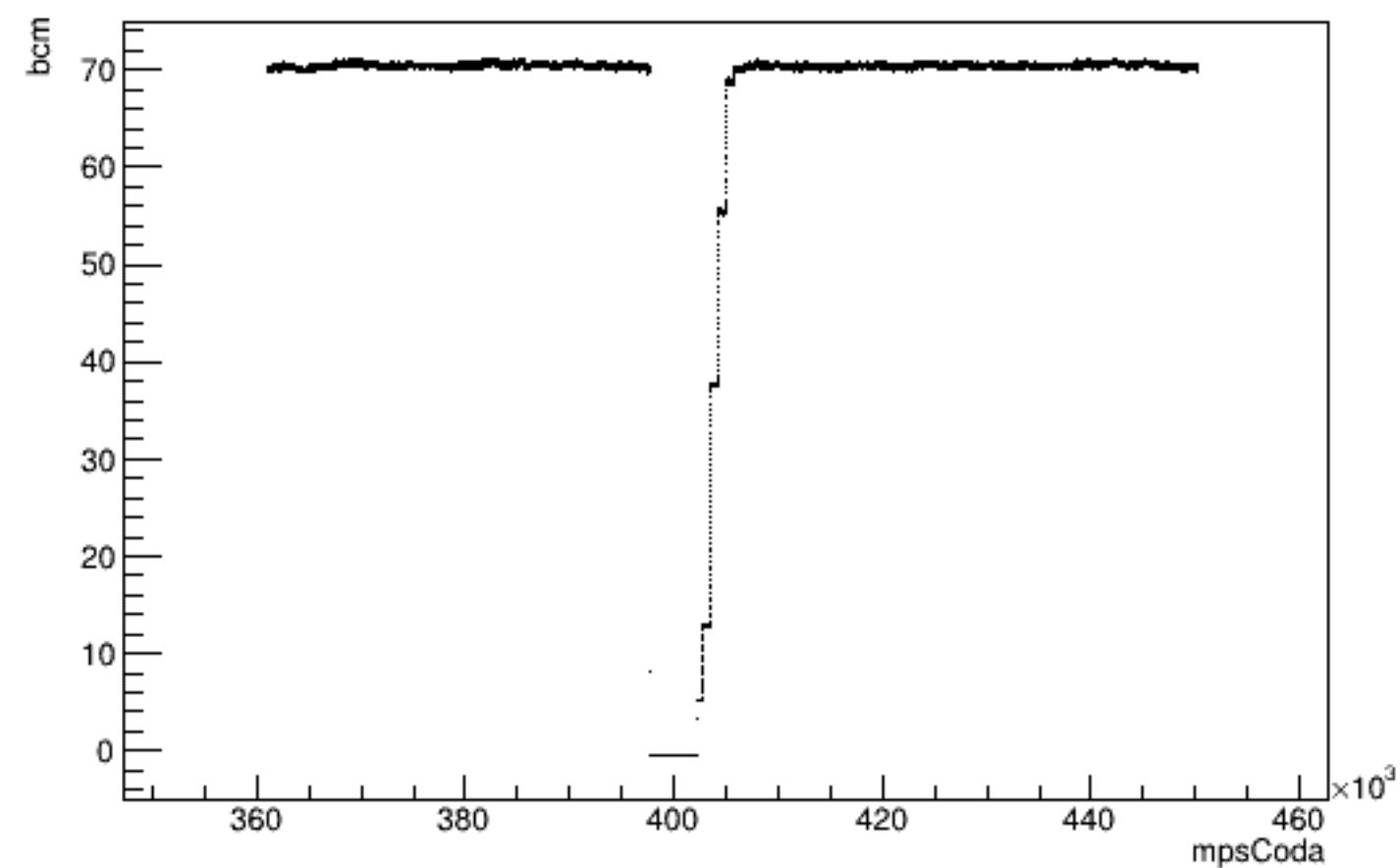
beamState + 1:mpsCoda {mpsCoda>=361077 && mpsCoda<=450188}



cavPowerCalibrated:mpsCoda {mpsCoda>=361077 && mpsCoda<=450188}



bcm:mpsCoda {mpsCoda>=361077 && mpsCoda<=450188}



Cycle 7, Diffs

Entries: 3168

Mean: -0.0036 +/- 0.0041

Std Dev: 0.2305 +/- 0.0029

Entries: 4695

Mean: -0.1484 +/- 0.0046

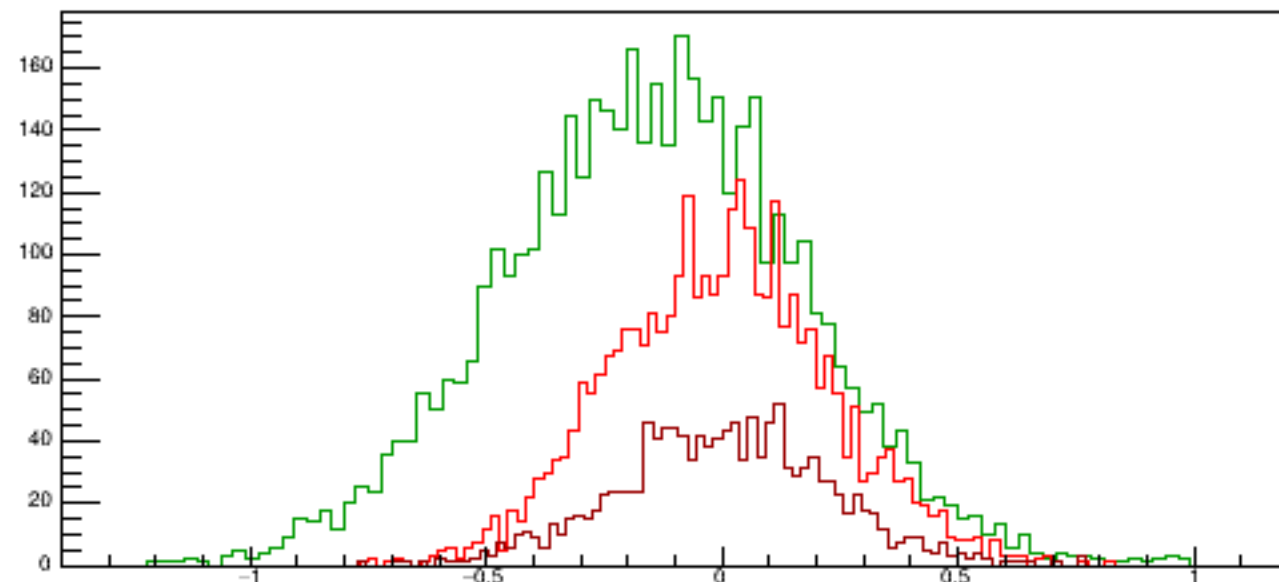
Std Dev: 0.3168 +/- 0.0033

Entries: 1310

Mean: 0.0019 +/- 0.0062

Std Dev: 0.2233 +/- 0.0044

Run 4531 quartetwise, Diffs



Cycle 7, Sums

Entries: 3168

Mean: 12.1060 +/- 0.0051

Std Dev: 0.2883 +/- 0.0036

Entries: 4695

Mean: 22.3723 +/- 0.0059

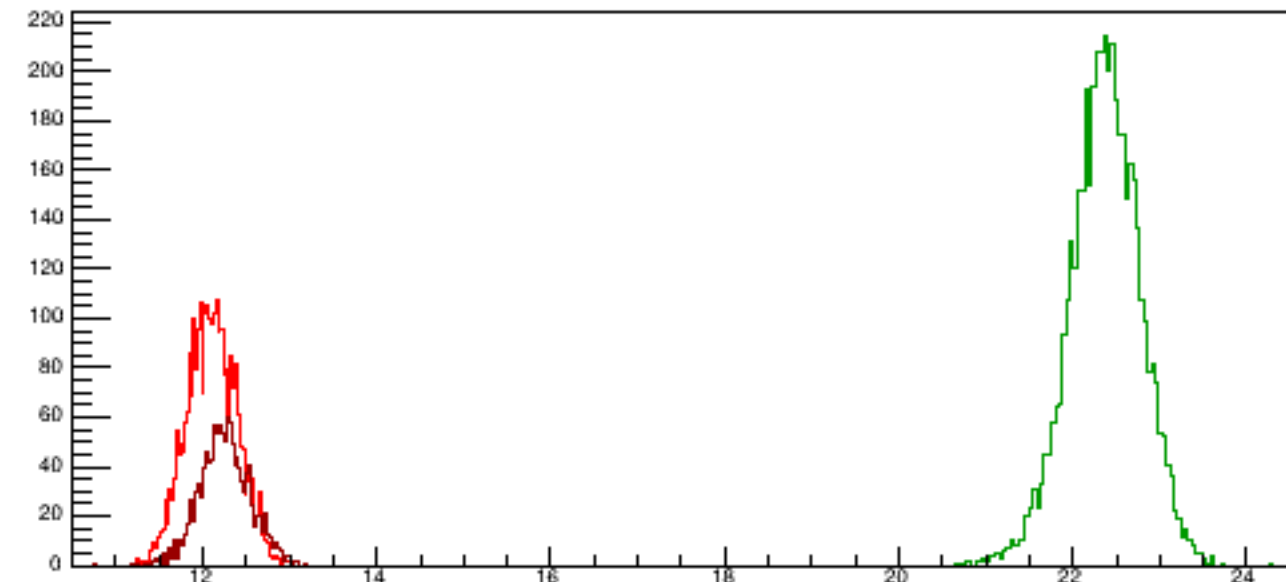
Std Dev: 0.4070 +/- 0.0042

Entries: 1310

Mean: 12.2522 +/- 0.0082

Std Dev: 0.2966 +/- 0.0058

Run 4531 quartetwise, Sums



Cycle 7, Asyms

Entries: 3168

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0226 +/- 0.0003

Entries: 4695

Mean: -0.0145 +/- 0.0005

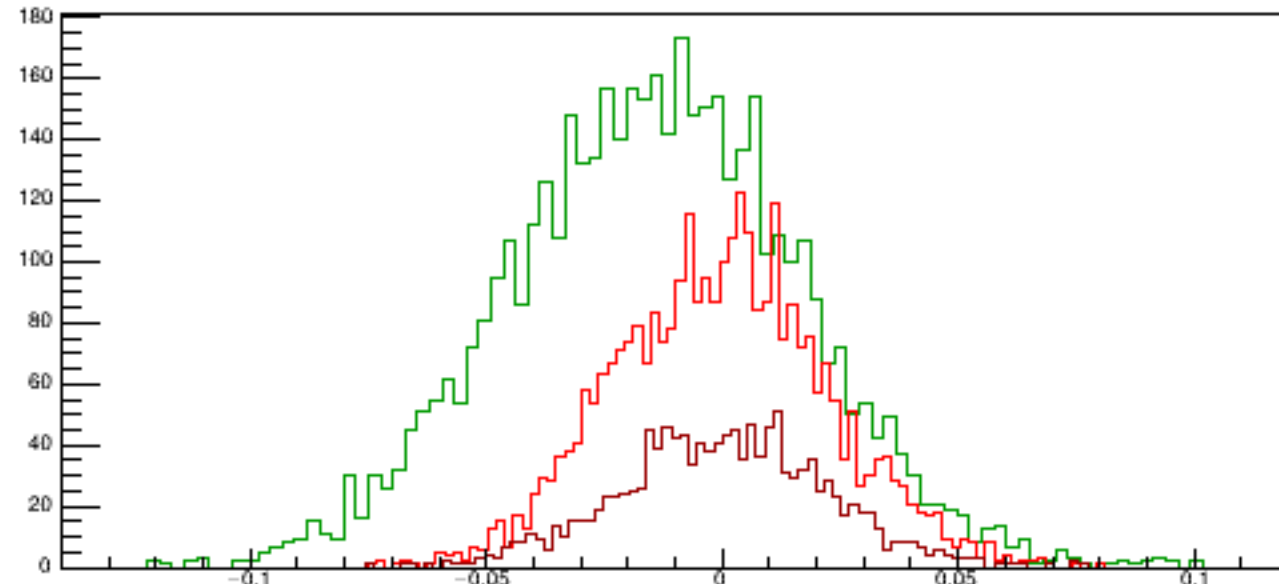
Std Dev: 0.0311 +/- 0.0003

Entries: 1310

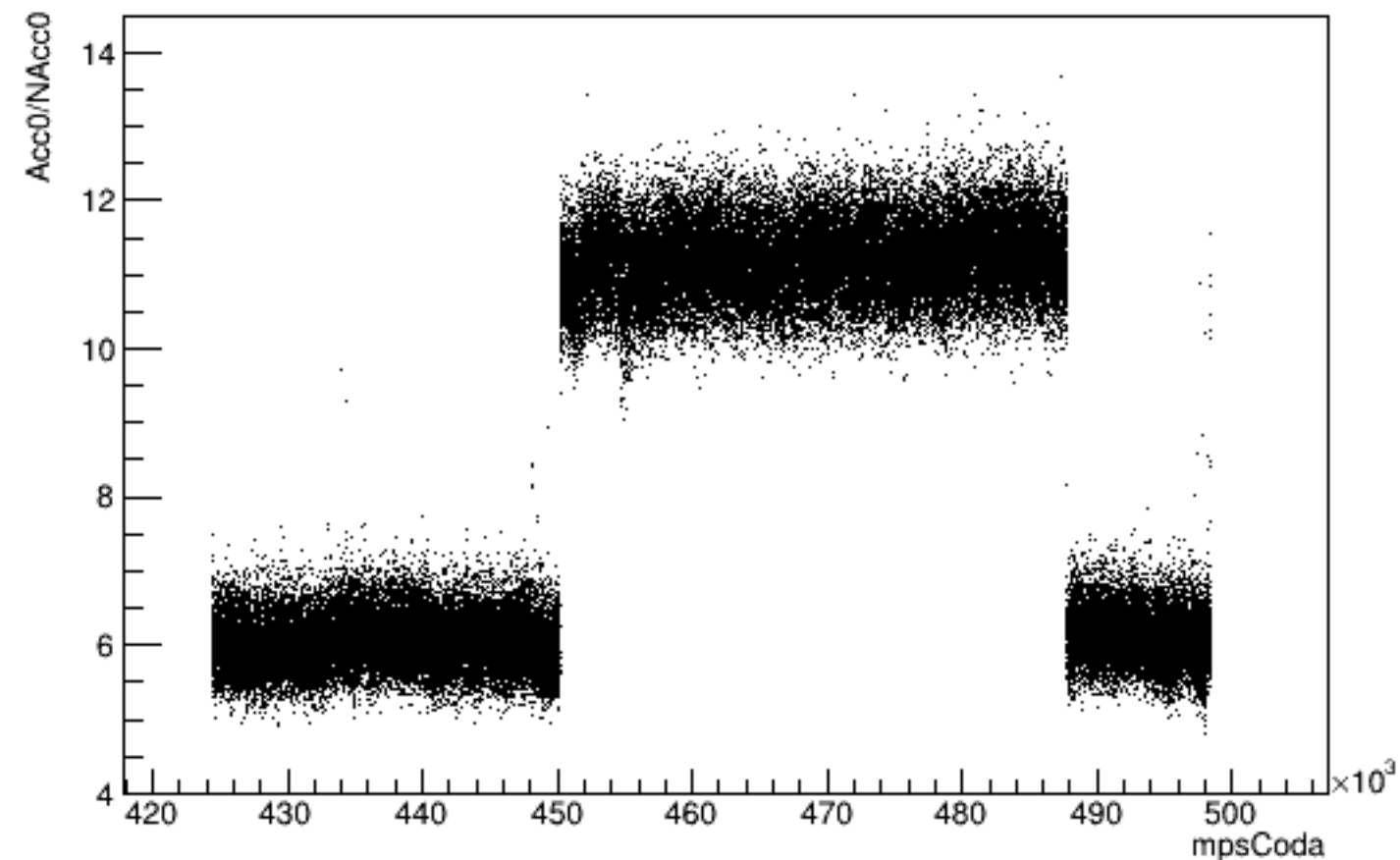
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0219 +/- 0.0004

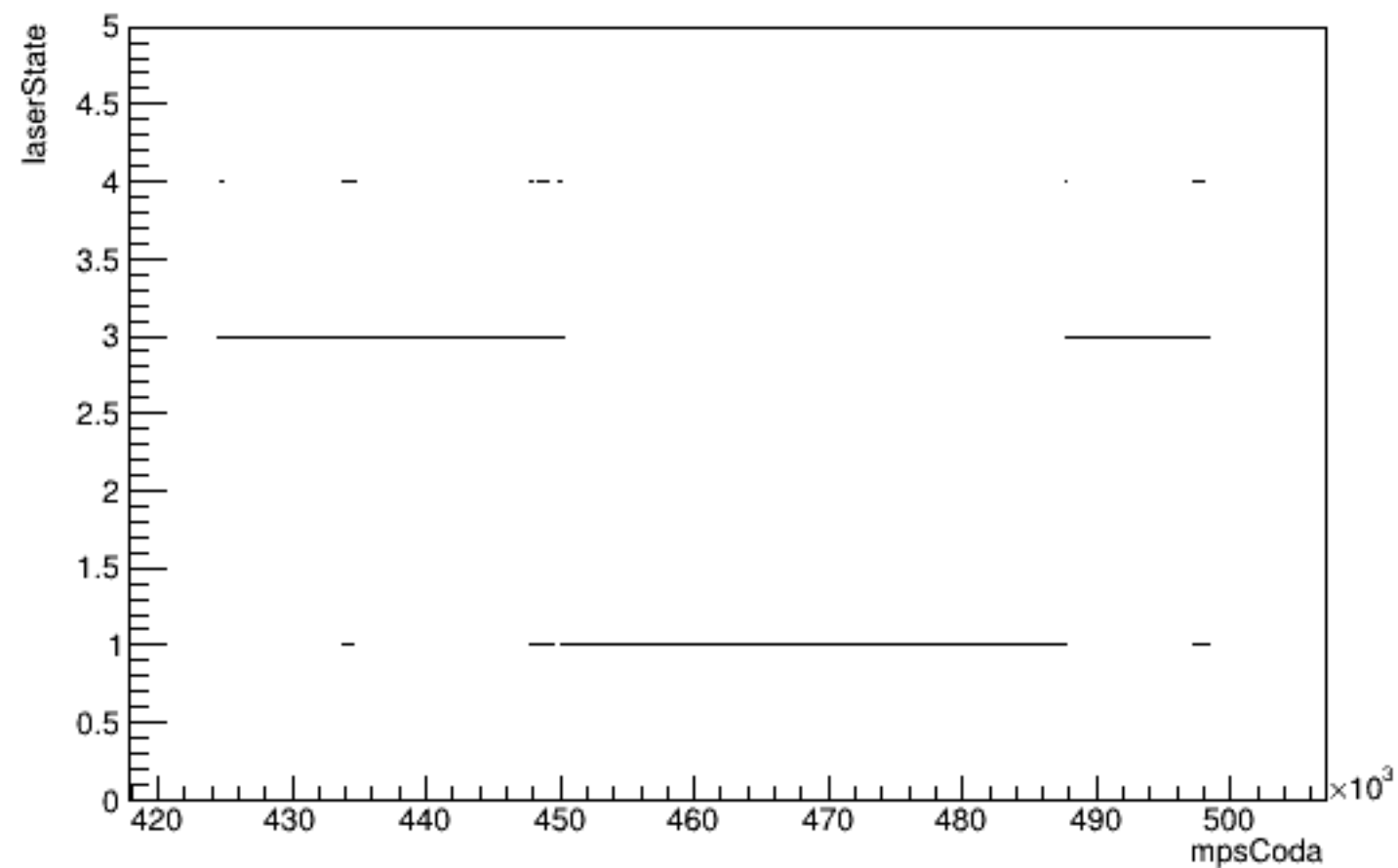
Run 4531 quartetwise, Asyms



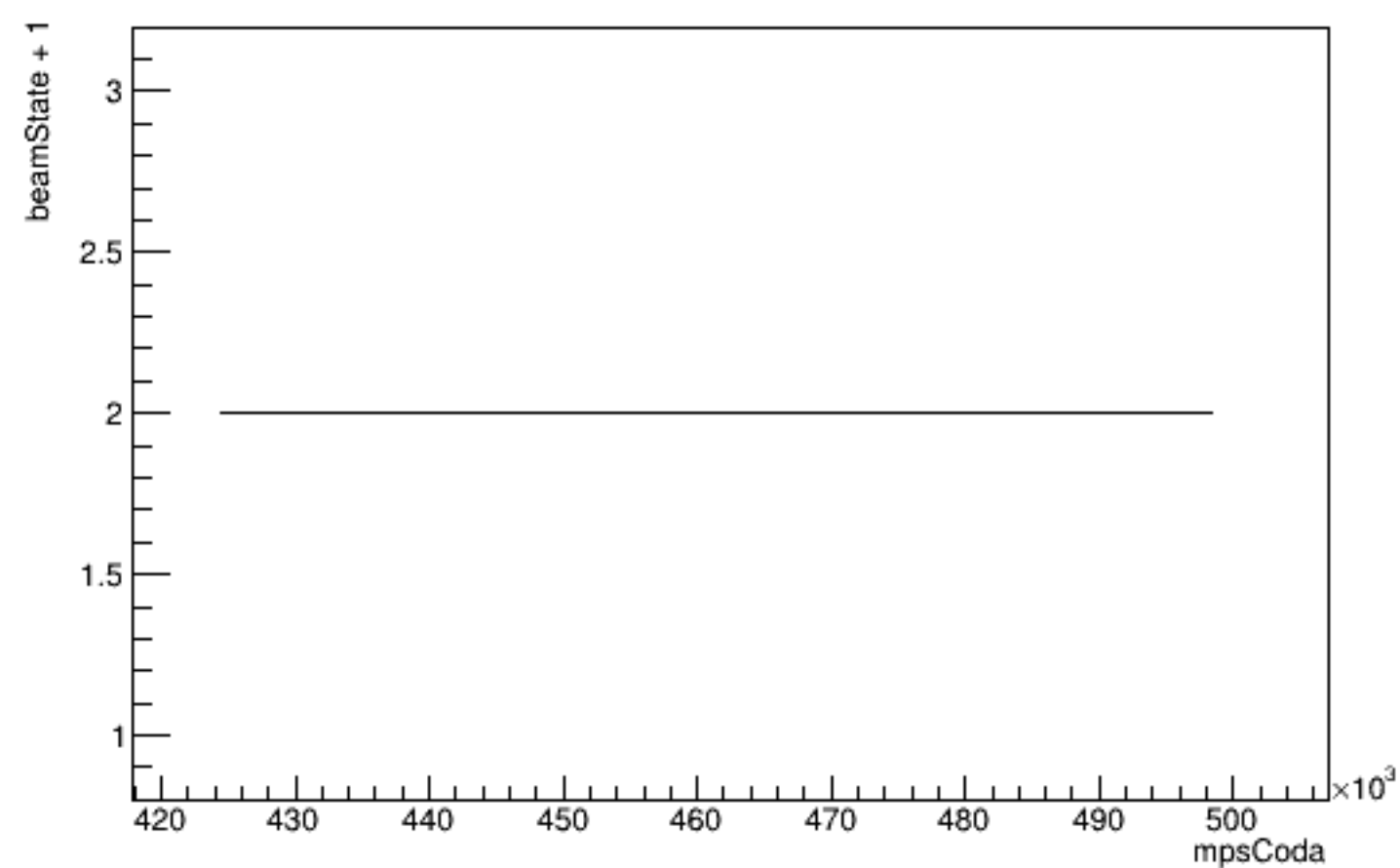
Acc0/NAcc0:mpsCoda {mpsCoda>=424413 && mpsCoda<=498388 && beamState==1}



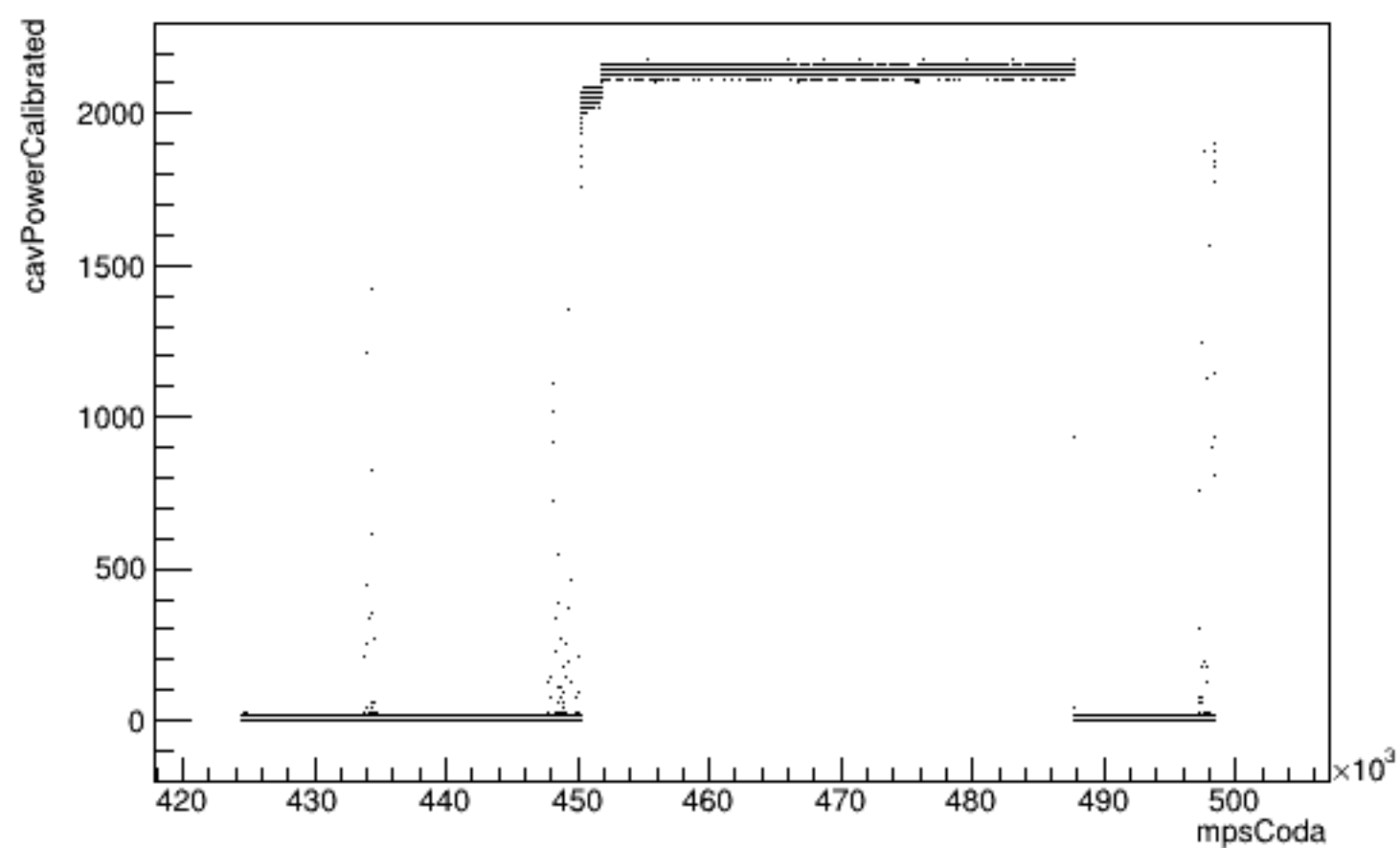
laserState:mpsCoda {mpsCoda>=424413 && mpsCoda<=498388}



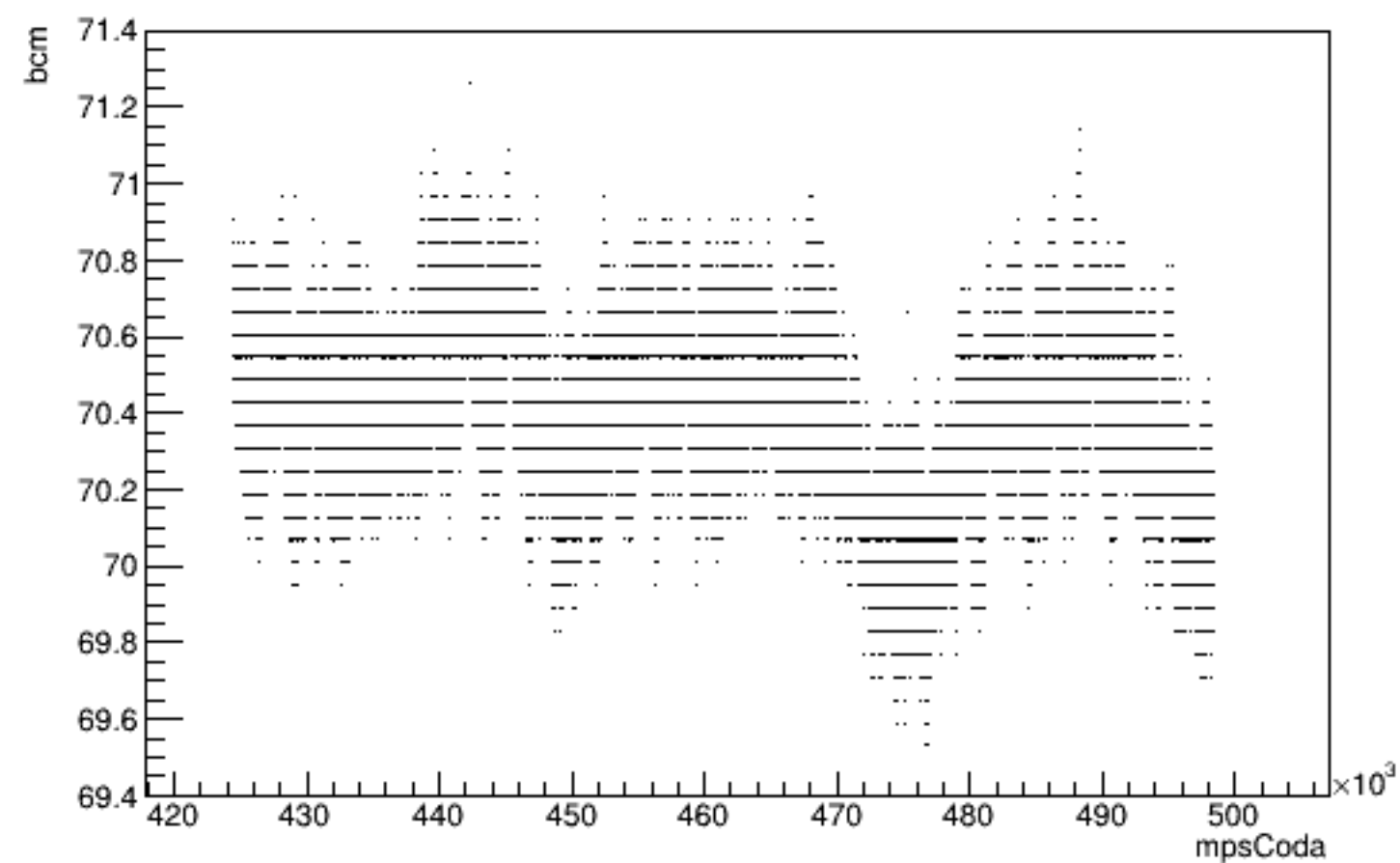
beamState + 1:mpsCoda {mpsCoda>=424413 && mpsCoda<=498388}



cavPowerCalibrated:mpsCoda {mpsCoda>=424413 && mpsCoda<=498388}



bcm:mpsCoda {mpsCoda>=424413 && mpsCoda<=498388}



Cycle 8, Diffs

Entries: 1310

Mean: 0.0019 +/- 0.0062

Std Dev: 0.2233 +/- 0.0044

Entries: 4828

Mean: -0.1540 +/- 0.0046

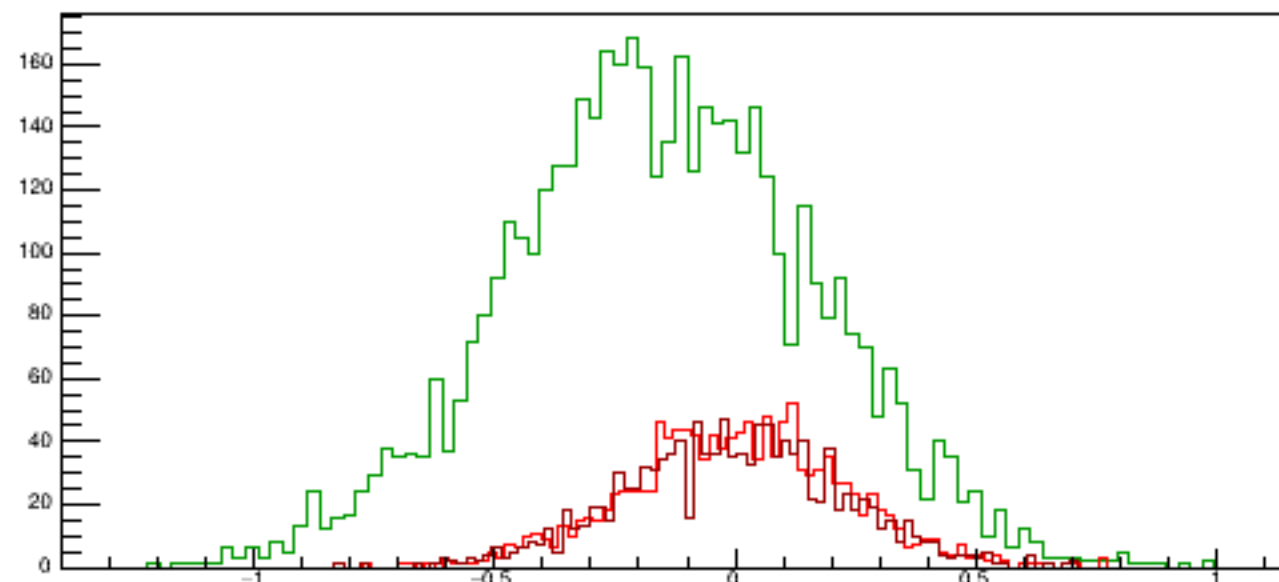
Std Dev: 0.3190 +/- 0.0032

Entries: 1236

Mean: -0.0063 +/- 0.0065

Std Dev: 0.2273 +/- 0.0046

Run 4531 quartetwise, Diffs



Cycle 8, Sums

Entries: 1310

Mean: 12.2522 +/- 0.0082

Std Dev: 0.2966 +/- 0.0058

Entries: 4828

Mean: 22.1787 +/- 0.0063

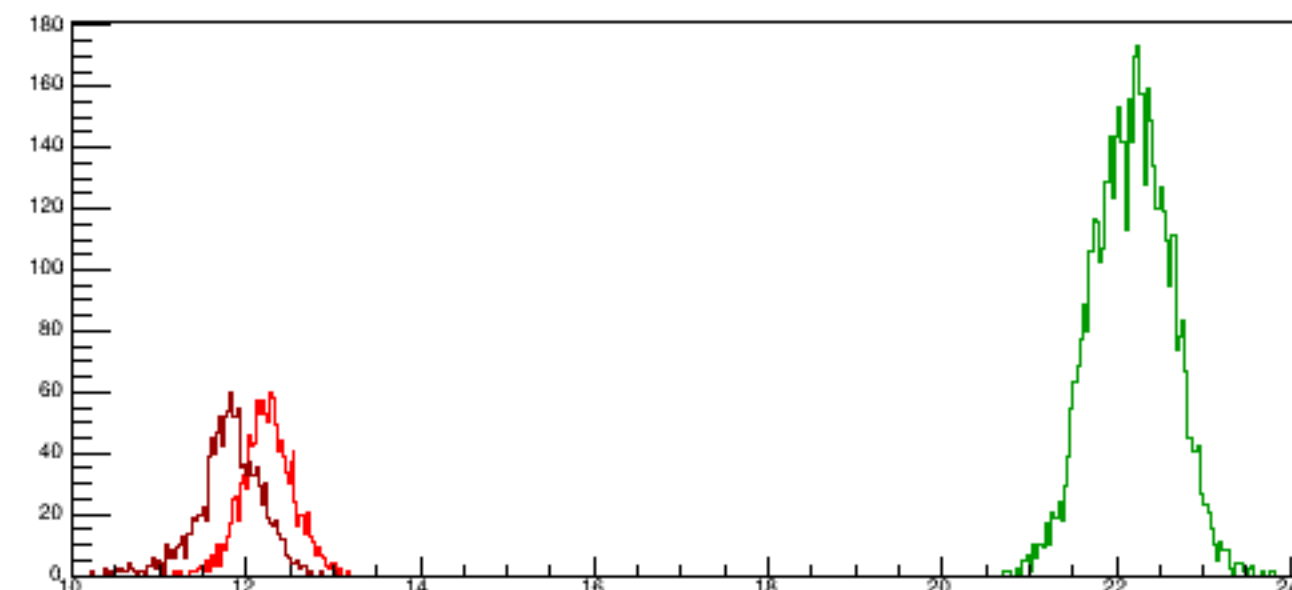
Std Dev: 0.4361 +/- 0.0044

Entries: 1236

Mean: 11.8099 +/- 0.0105

Std Dev: 0.3708 +/- 0.0075

Run 4531 quartetwise, Sums



Cycle 8, Asyms

Entries: 1310

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0220 +/- 0.0004

Entries: 4828

Mean: -0.0152 +/- 0.0005

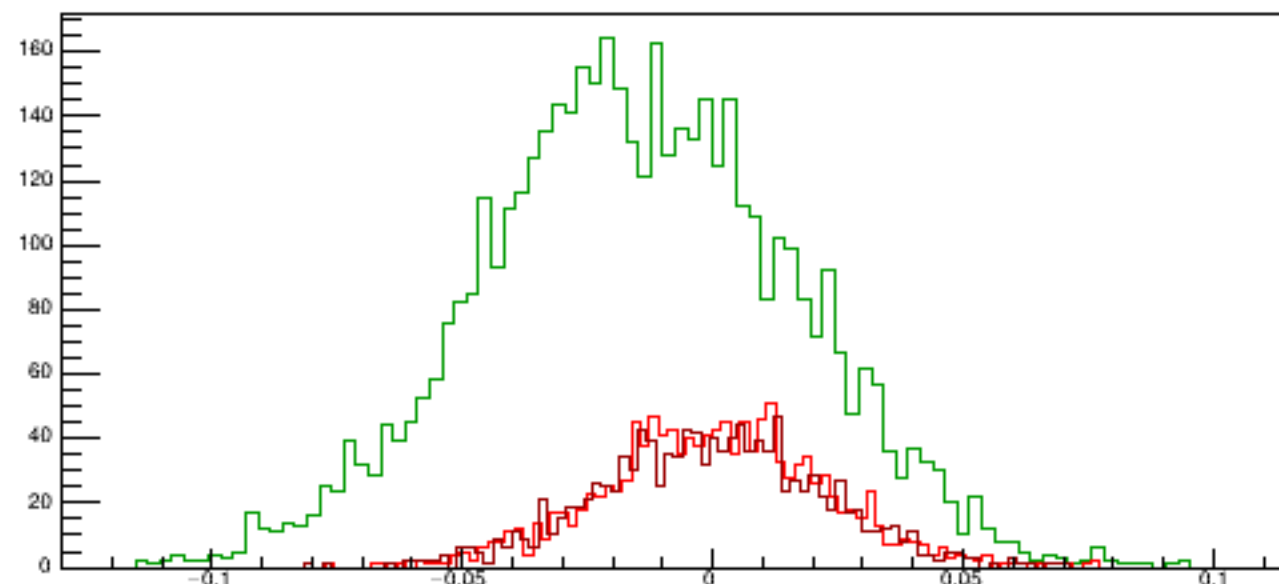
Std Dev: 0.0314 +/- 0.0003

Entries: 1236

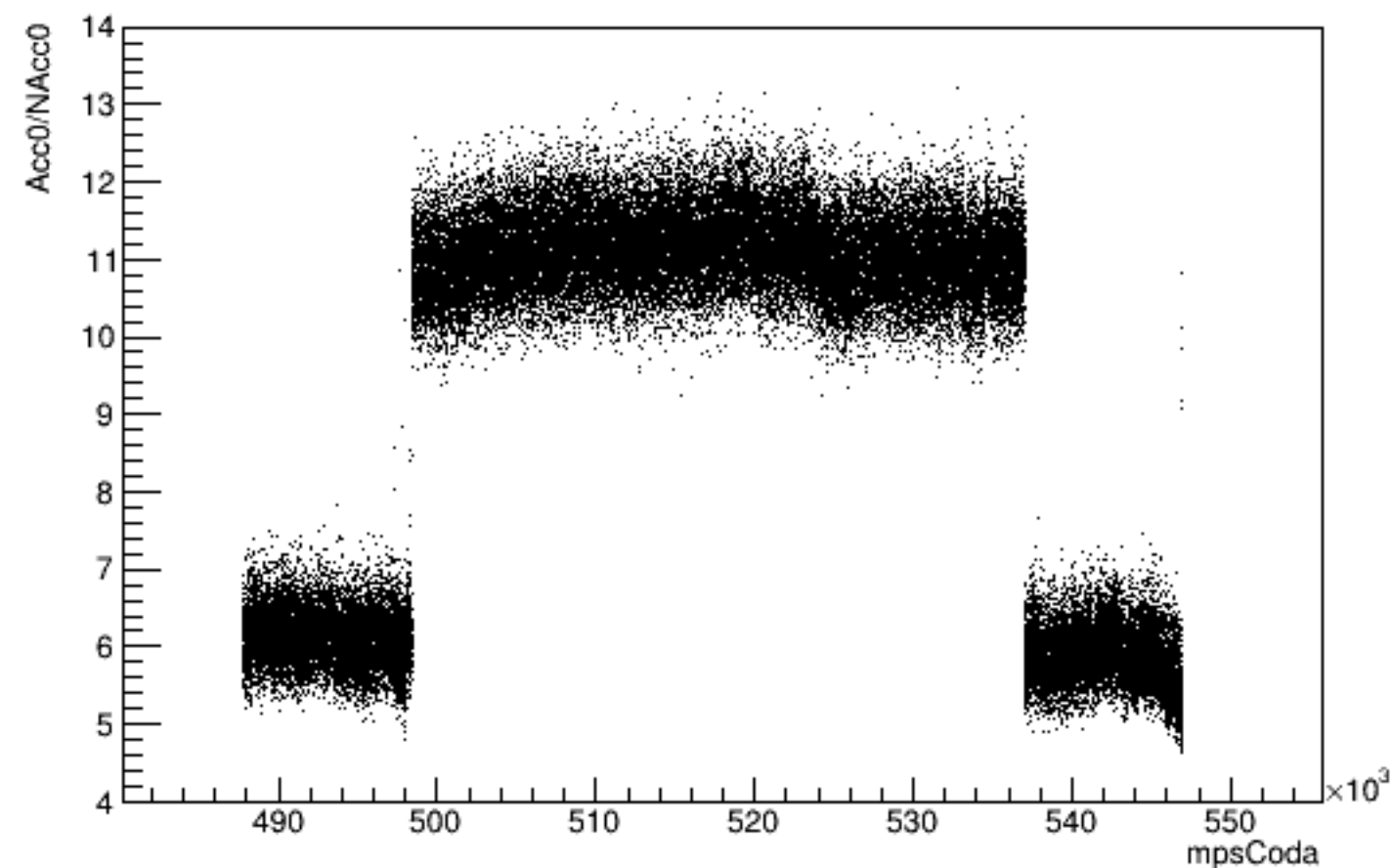
Mean: -0.0006 +/- 0.0006

Std Dev: 0.0224 +/- 0.0005

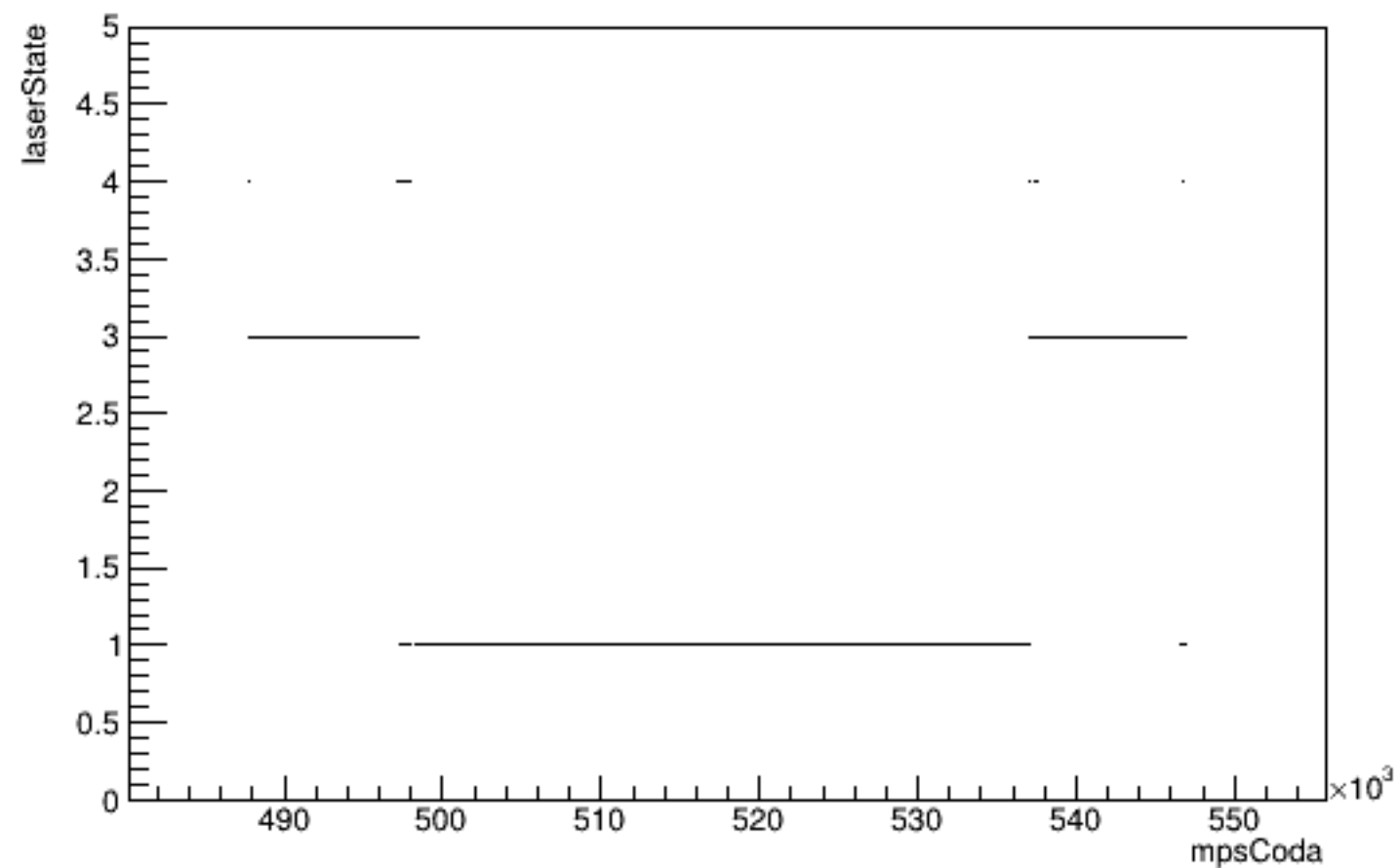
Run 4531 quartetwise, Asyms



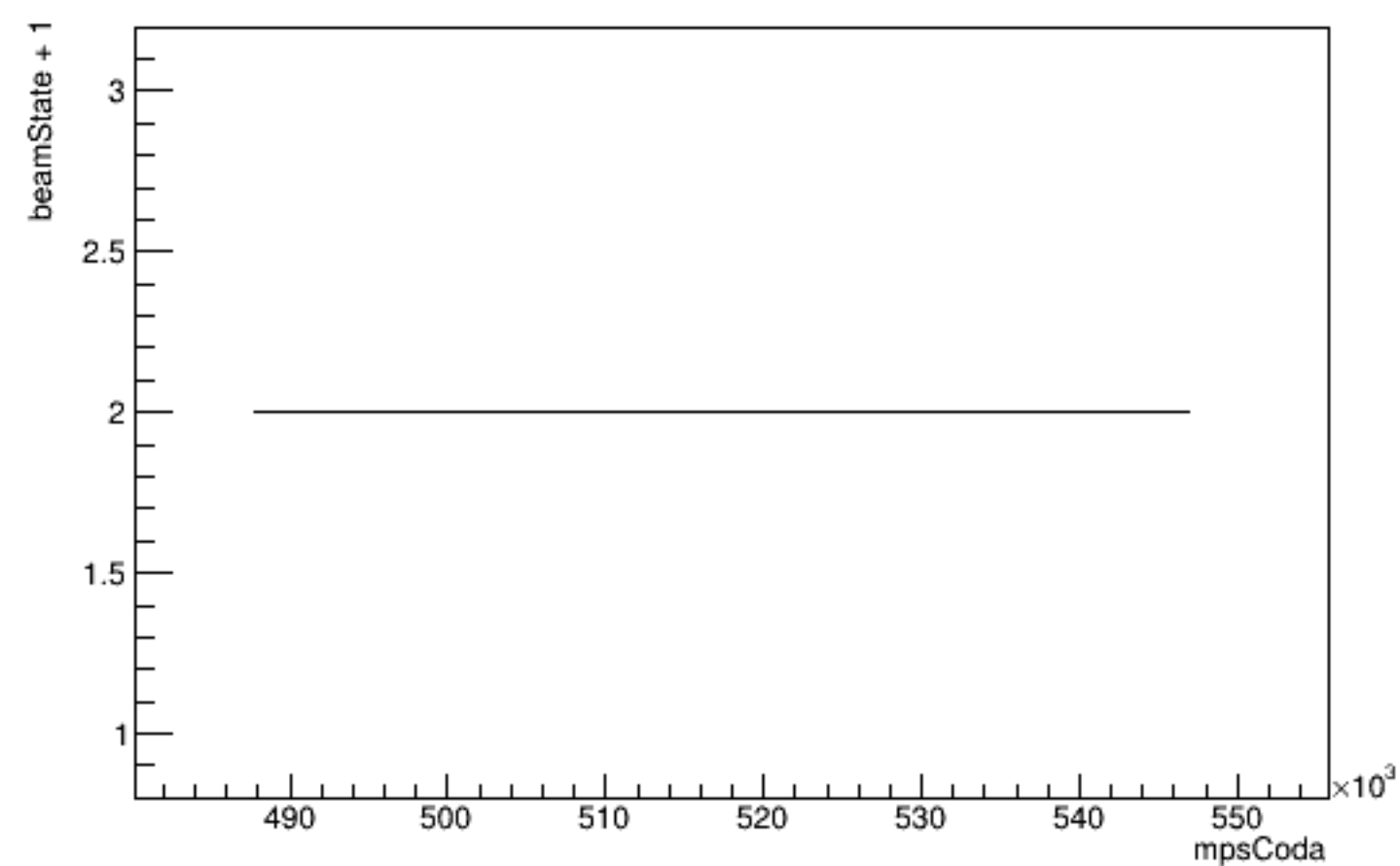
Acc0/NAcc0:mpsCoda {mpsCoda>=487757 && mpsCoda<=546980 && beamState==1}



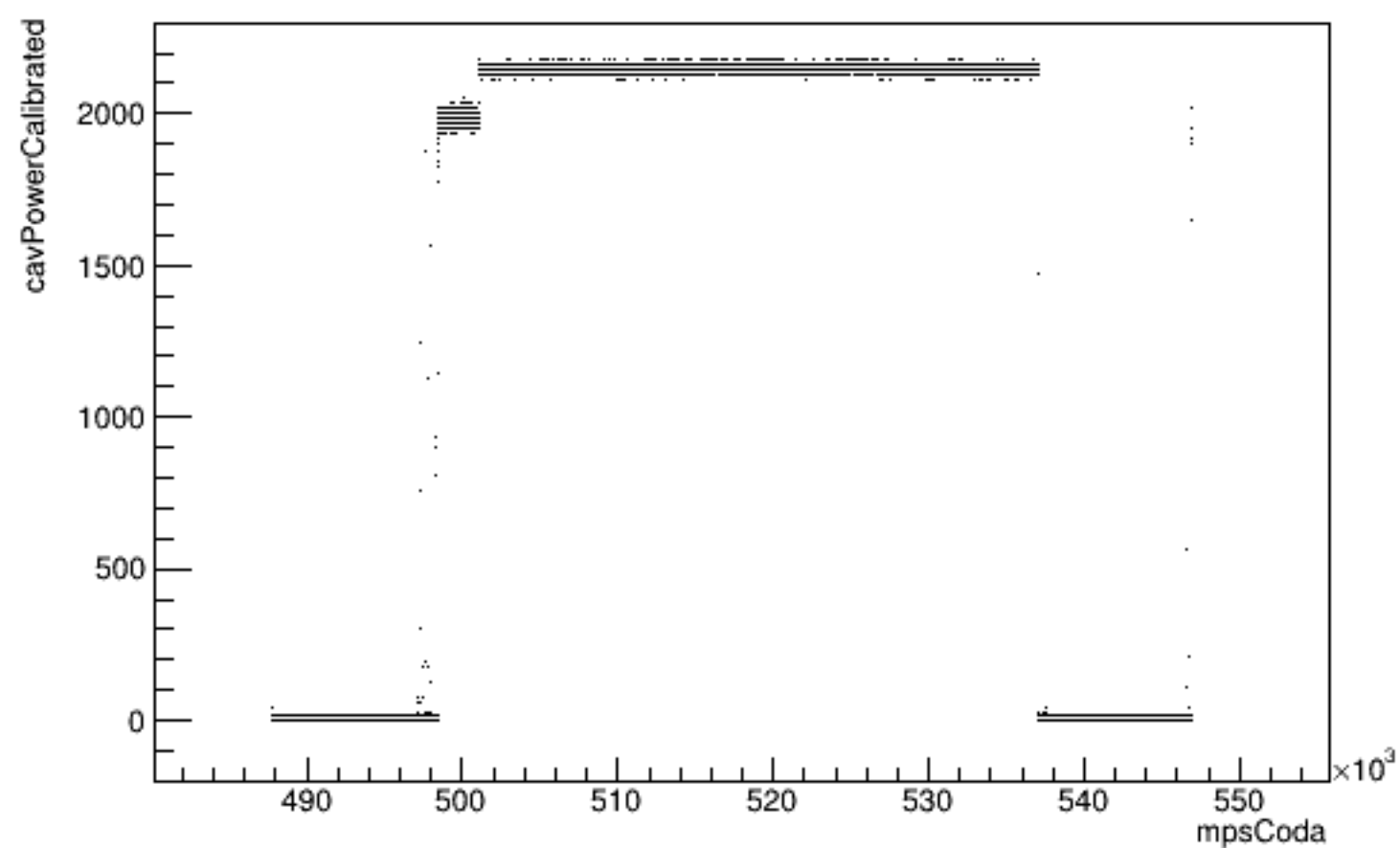
laserState:mpsCoda {mpsCoda>=487757 && mpsCoda<=546980}



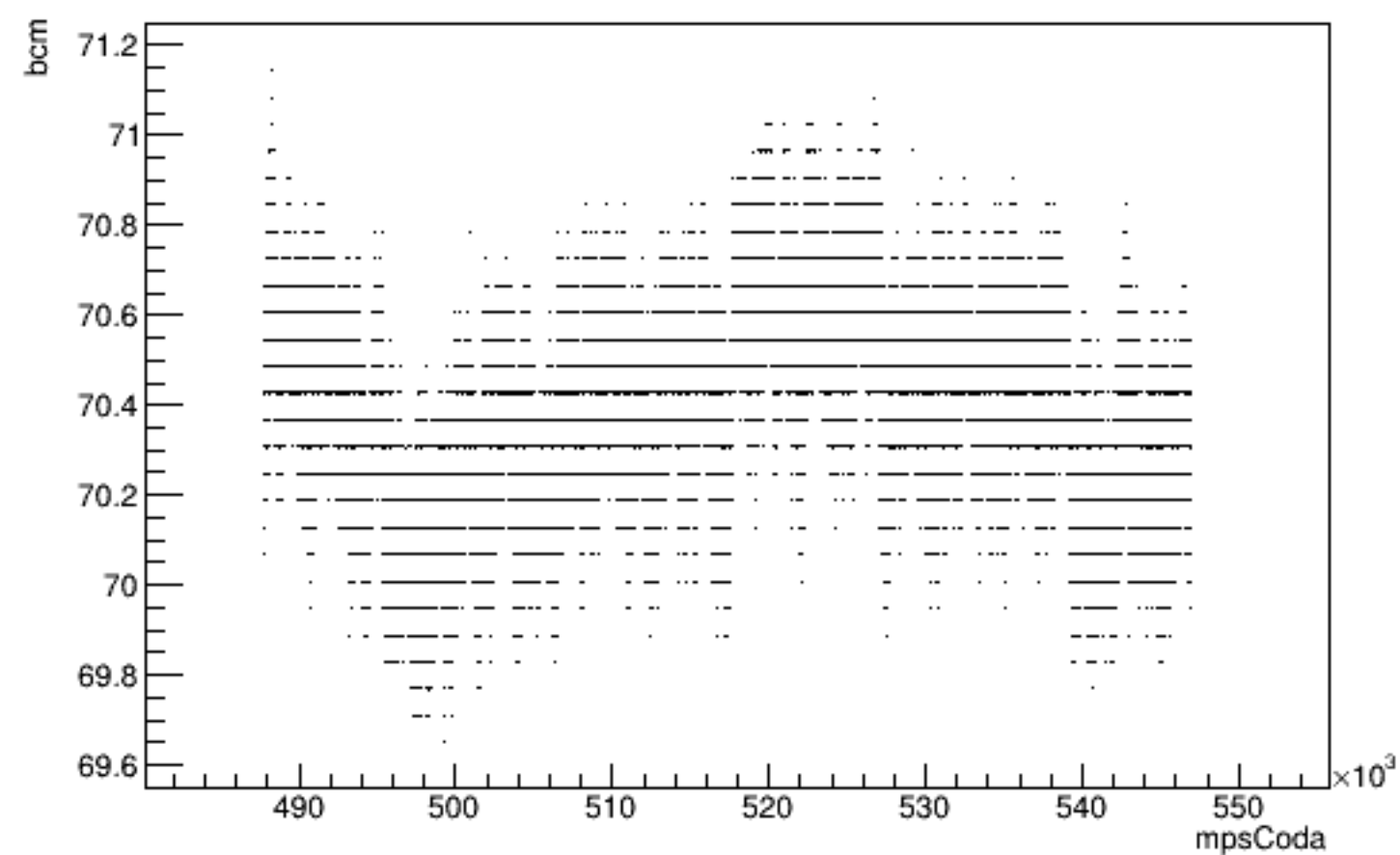
beamState + 1:mpsCoda {mpsCoda>=487757 && mpsCoda<=546980}



cavPowerCalibrated:mpsCoda {mpsCoda>=487757 && mpsCoda<=546980}



bcm:mpsCoda {mpsCoda>=487757 && mpsCoda<=546980}



Cycle 9, Diffs

Entries: 1236

Mean: -0.0063 +/- 0.0065

Std Dev: 0.2273 +/- 0.0046

Entries: 4731

Mean: -0.1422 +/- 0.0047

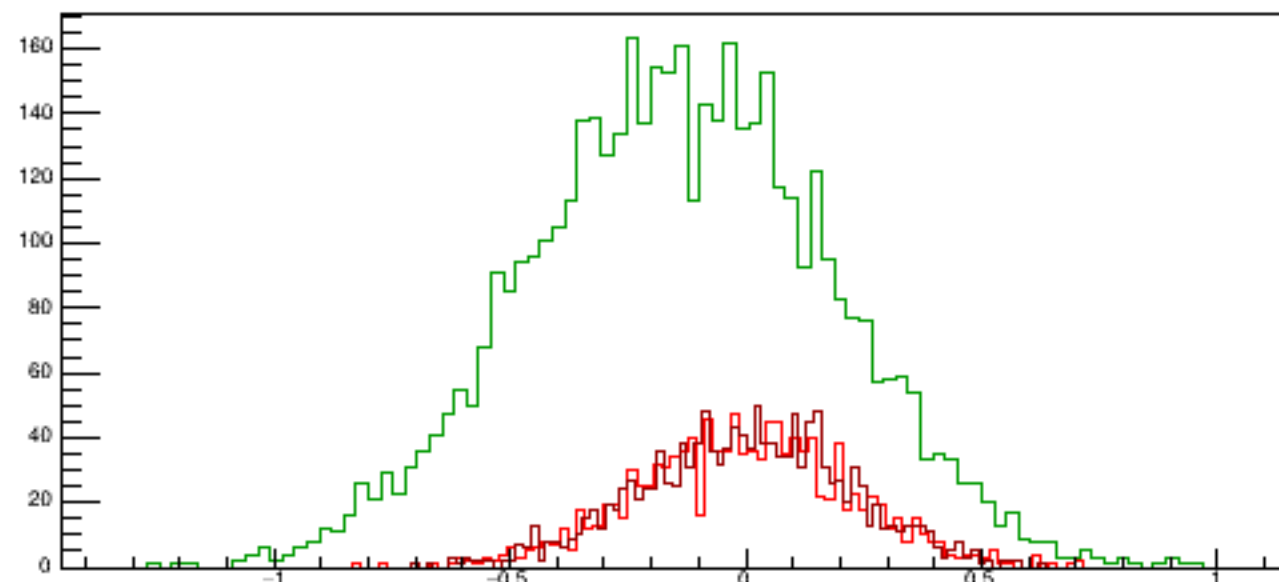
Std Dev: 0.3204 +/- 0.0033

Entries: 1441

Mean: -0.0048 +/- 0.0058

Std Dev: 0.2186 +/- 0.0041

Run 4531 quartetwise, Diffs



Cycle 9, Sums

Entries: 1236

Mean: 11.8099 +/- 0.0105

Std Dev: 0.3708 +/- 0.0075

Entries: 4731

Mean: 21.7780 +/- 0.0116

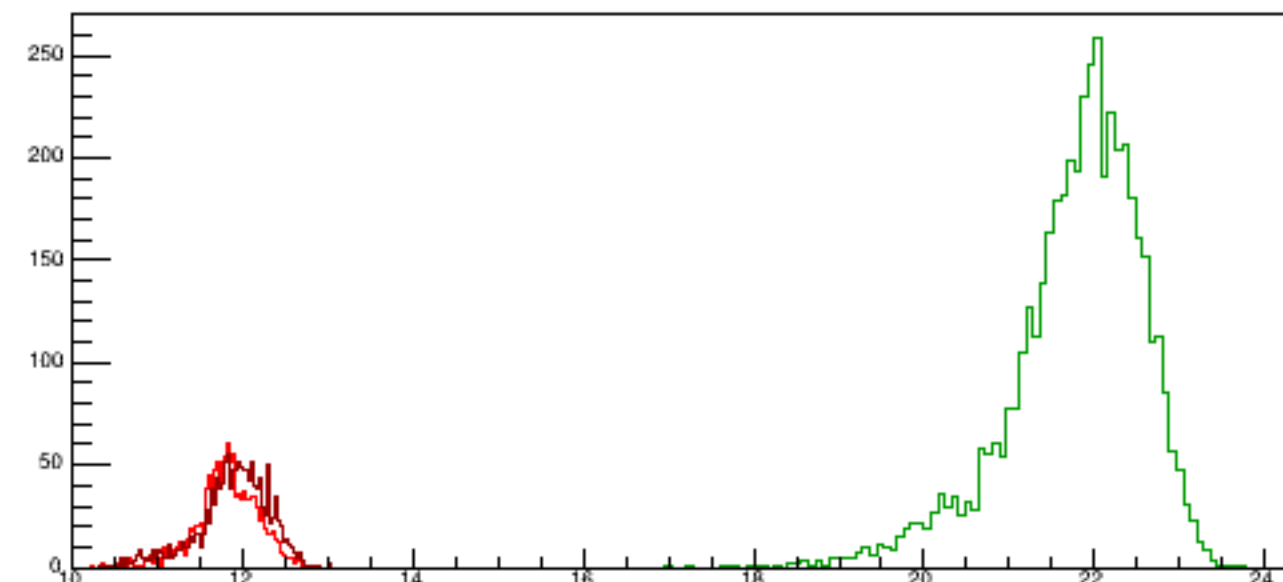
Std Dev: 0.7966 +/- 0.0082

Entries: 1441

Mean: 11.8943 +/- 0.0112

Std Dev: 0.4257 +/- 0.0079

Run 4531 quartetwise, Sums



Cycle 9, Asyms

Entries: 1236

Mean: -0.0006 +/- 0.0007

Std Dev: 0.0229 +/- 0.0005

Entries: 4731

Mean: -0.0143 +/- 0.0005

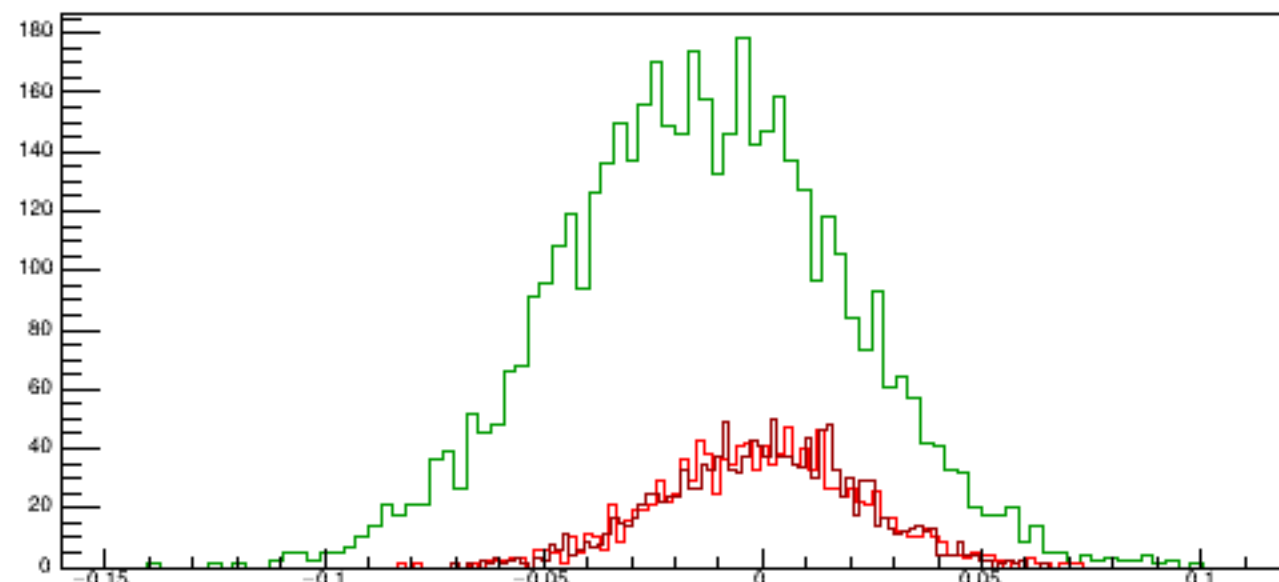
Std Dev: 0.0325 +/- 0.0003

Entries: 1441

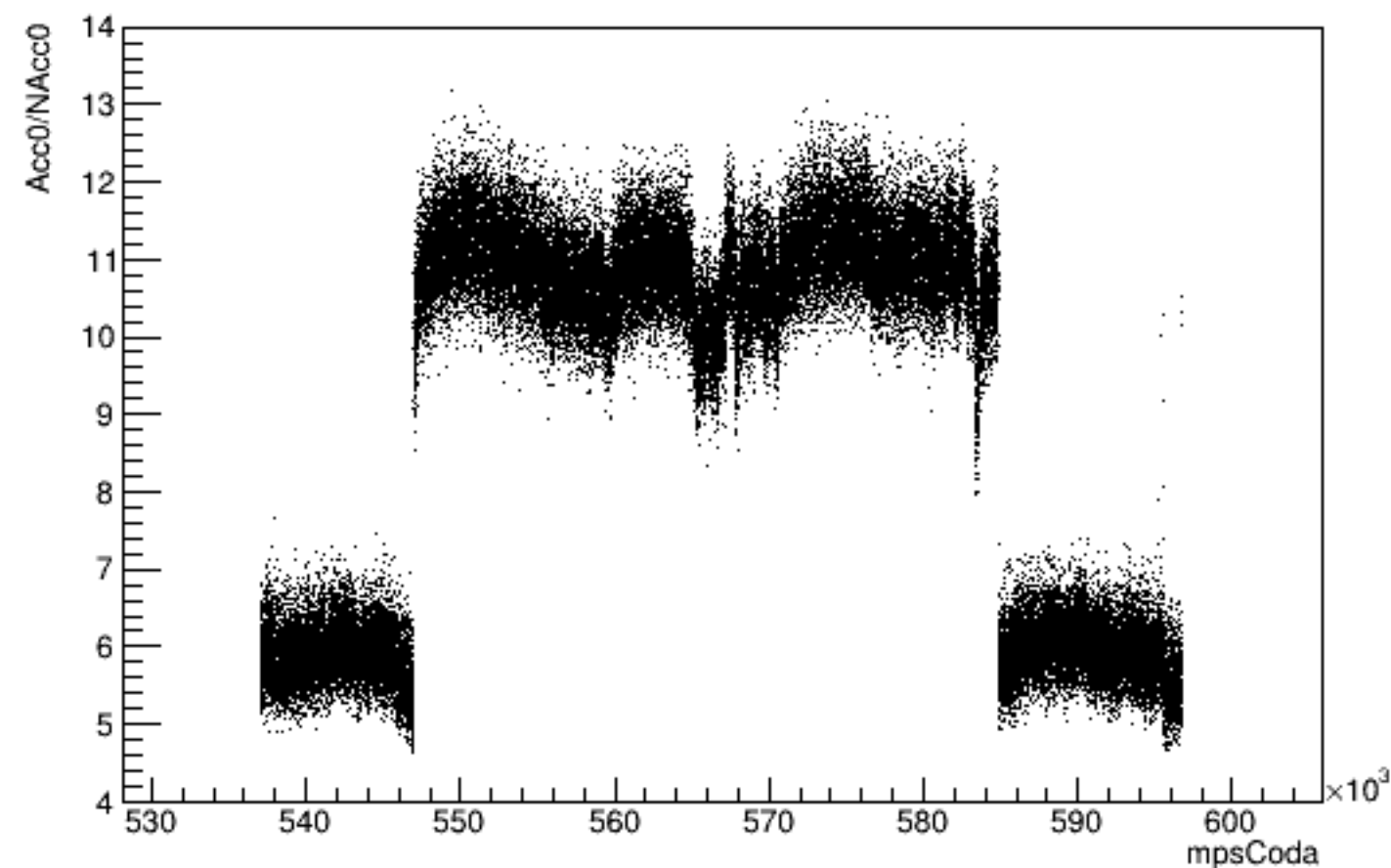
Mean: -0.0005 +/- 0.0006

Std Dev: 0.0220 +/- 0.0004

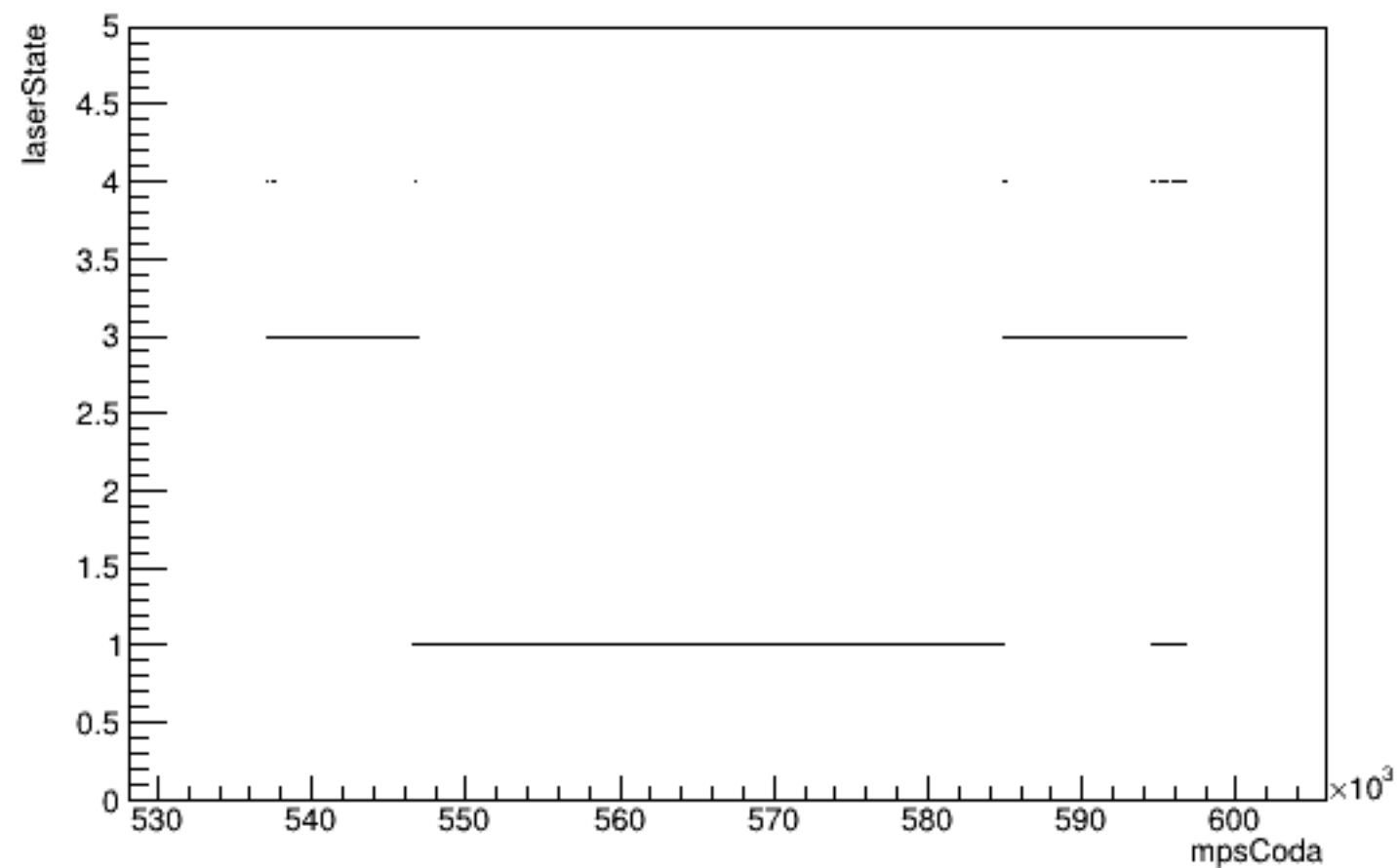
Run 4531 quartetwise, Asyms



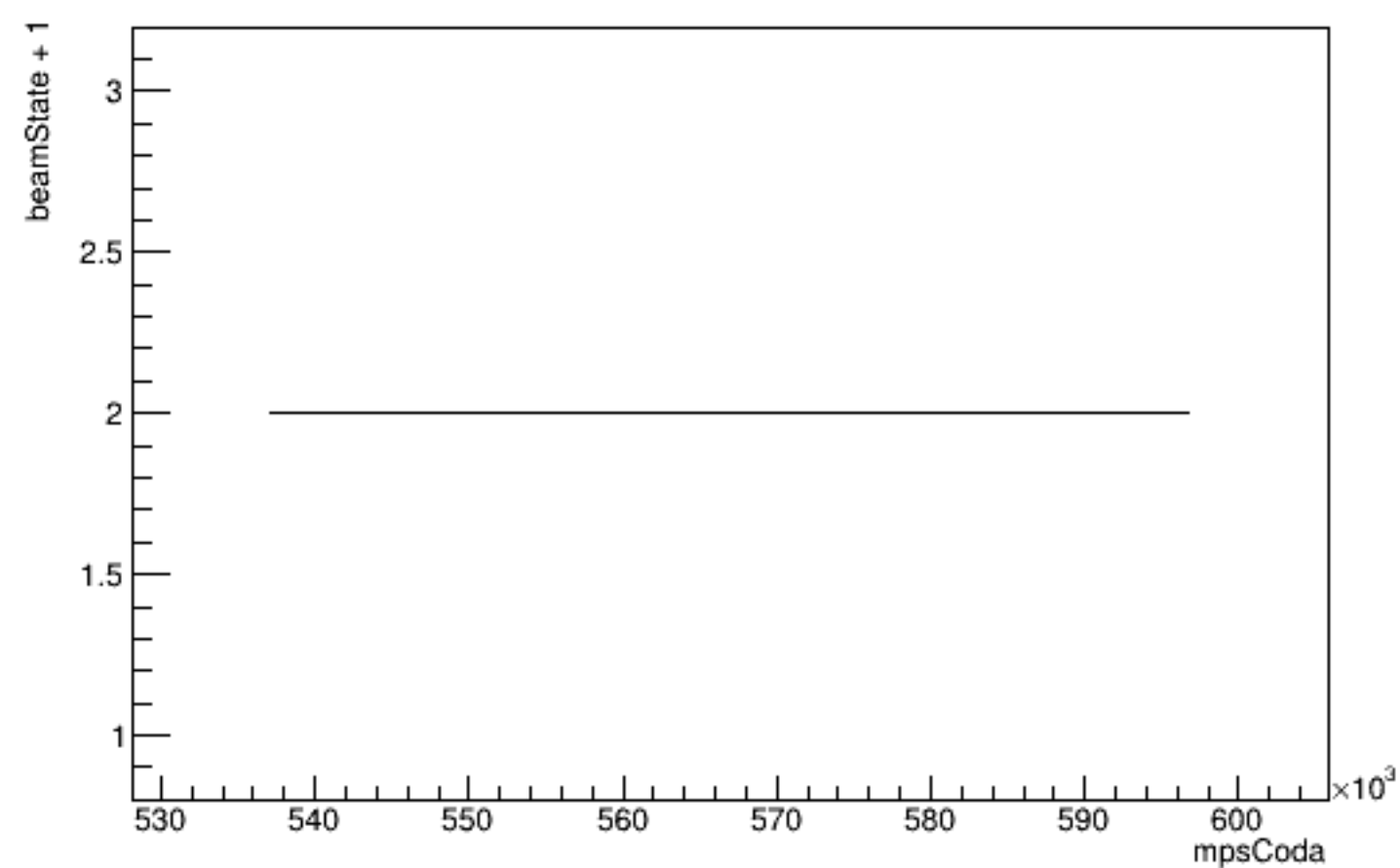
Acc0/NAcc0:mpsCoda {mpsCoda>=537021 && mpsCoda<=596700 && beamState==1}



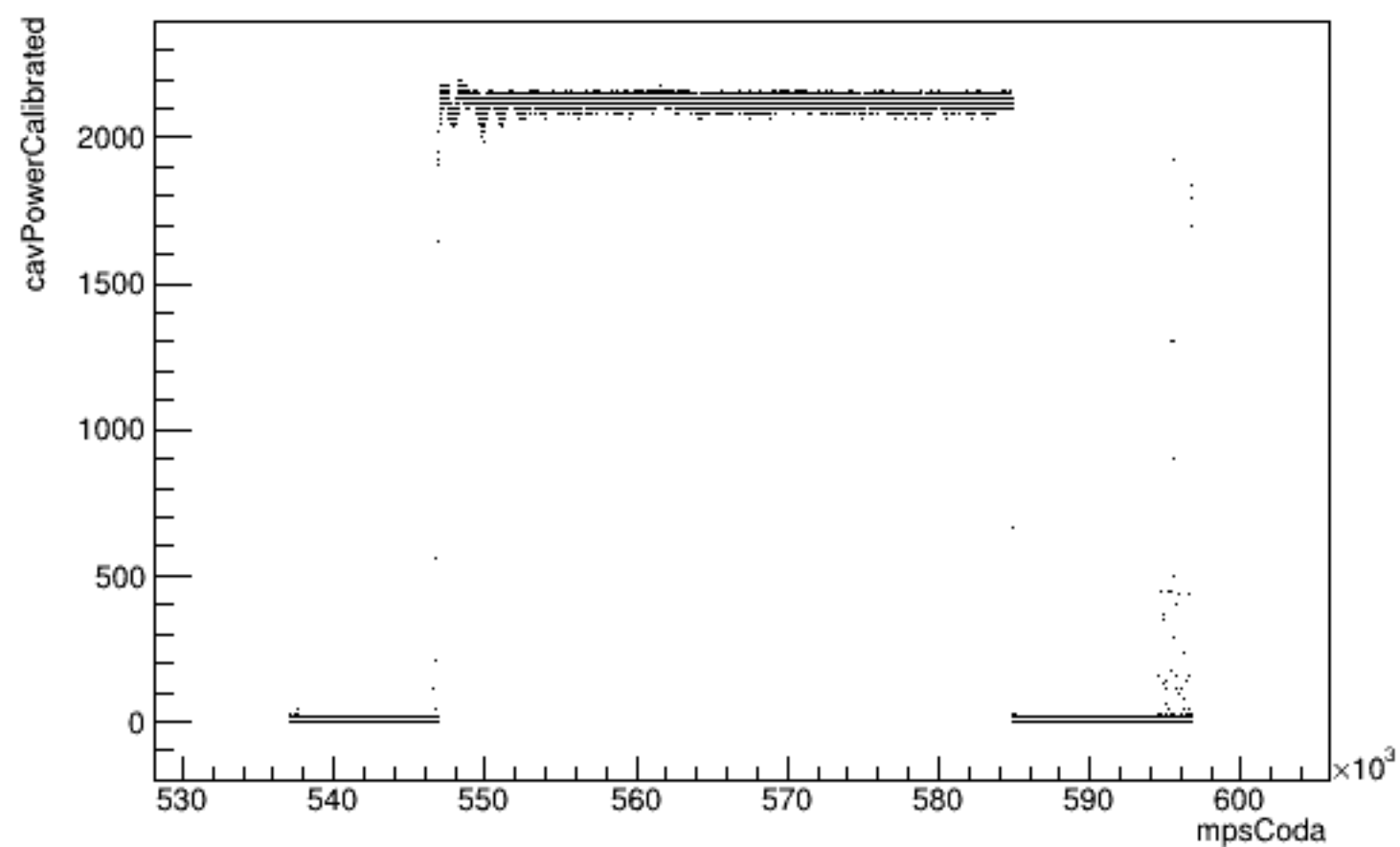
laserState:mpsCoda {mpsCoda>=537021 && mpsCoda<=596700}



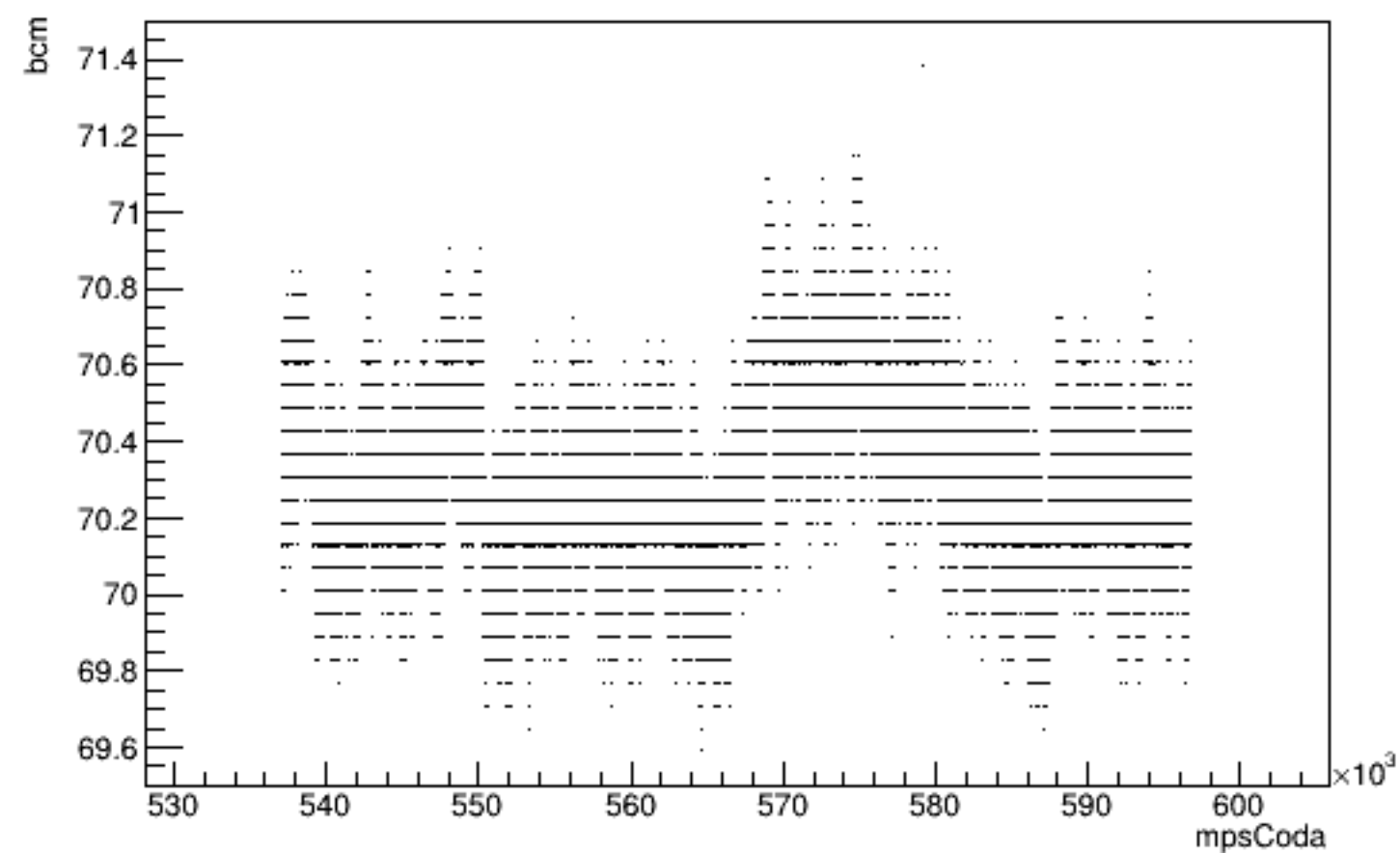
beamState + 1:mpsCoda {mpsCoda>=537021 && mpsCoda<=596700}



cavPowerCalibrated:mpsCoda {mpsCoda>=537021 && mpsCoda<=596700}



bcm:mpsCoda {mpsCoda>=537021 && mpsCoda<=596700}



Cycle 10, Diffs

Entries: 1441

Mean: -0.0048 +/- 0.0058

Std Dev: 0.2186 +/- 0.0041

Entries: 4795

Mean: -0.1529 +/- 0.0046

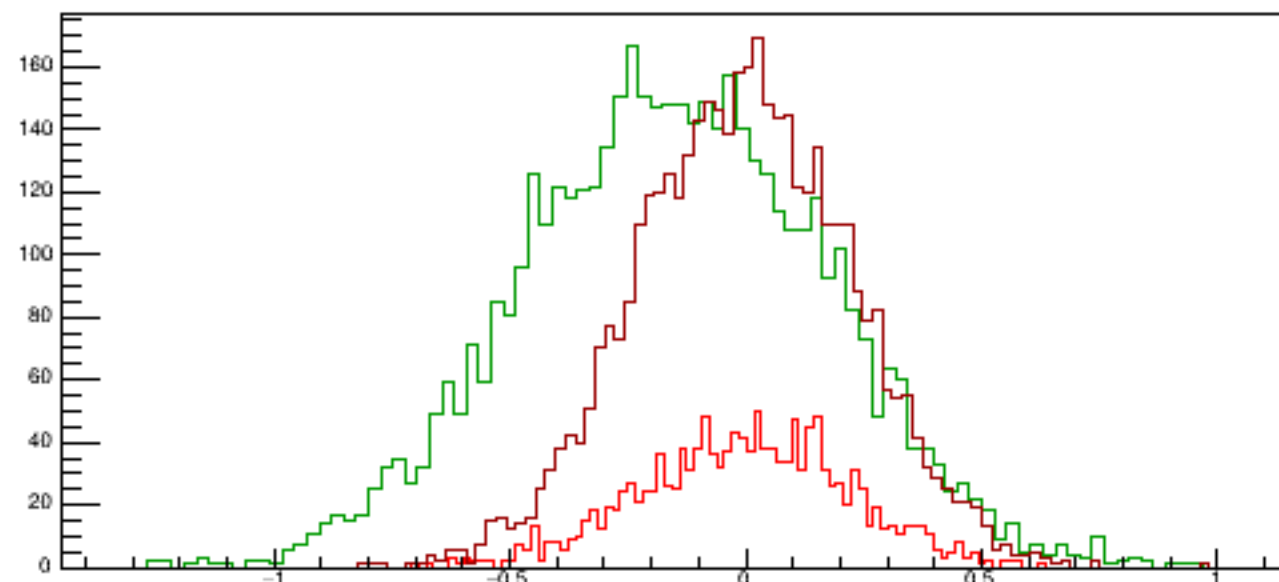
Std Dev: 0.3212 +/- 0.0033

Entries: 4219

Mean: -0.0046 +/- 0.0035

Std Dev: 0.2261 +/- 0.0025

Run 4531 quartetwise, Diffs



Cycle 10, Sums

Entries: 1441

Mean: 11.8943 +/- 0.0112

Std Dev: 0.4257 +/- 0.0079

Entries: 4795

Mean: 22.0499 +/- 0.0101

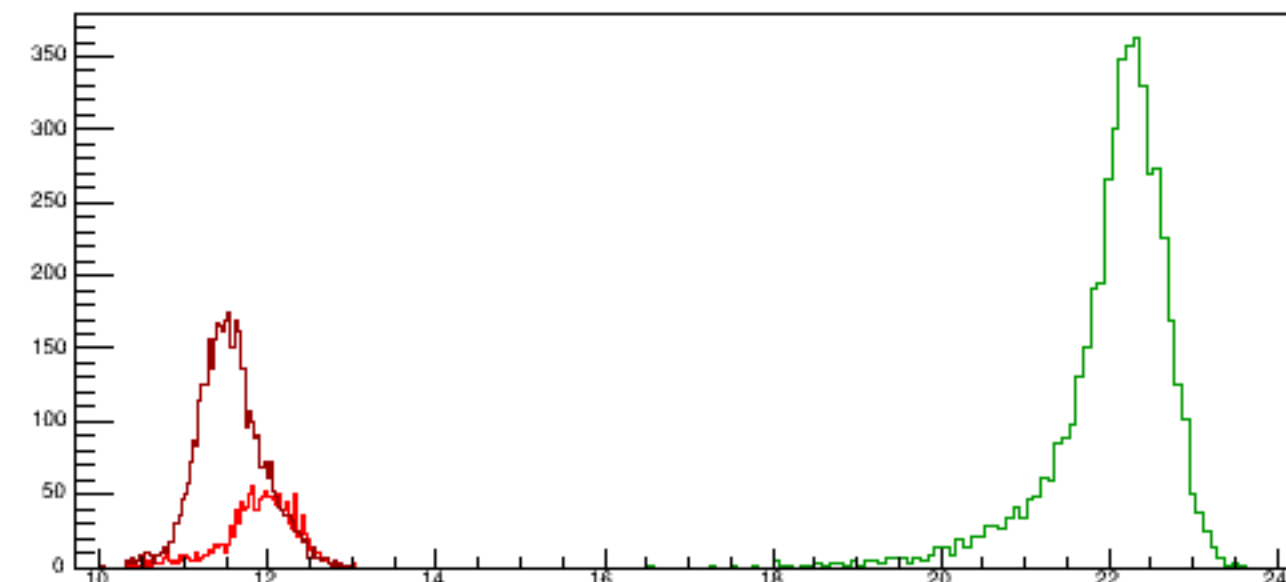
Std Dev: 0.6961 +/- 0.0071

Entries: 4219

Mean: 11.5523 +/- 0.0060

Std Dev: 0.3902 +/- 0.0042

Run 4531 quartetwise, Sums



Cycle 10, Asyms

Entries: 1441

Mean: -0.0005 +/- 0.0006

Std Dev: 0.0212 +/- 0.0004

Entries: 4795

Mean: -0.0149 +/- 0.0005

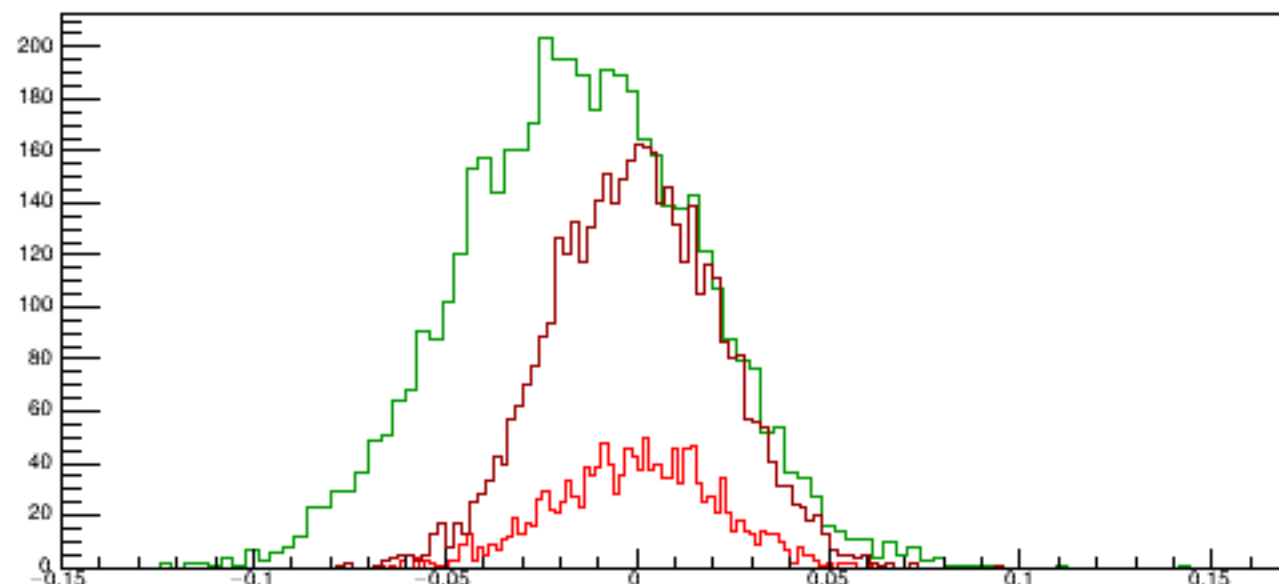
Std Dev: 0.0314 +/- 0.0003

Entries: 4219

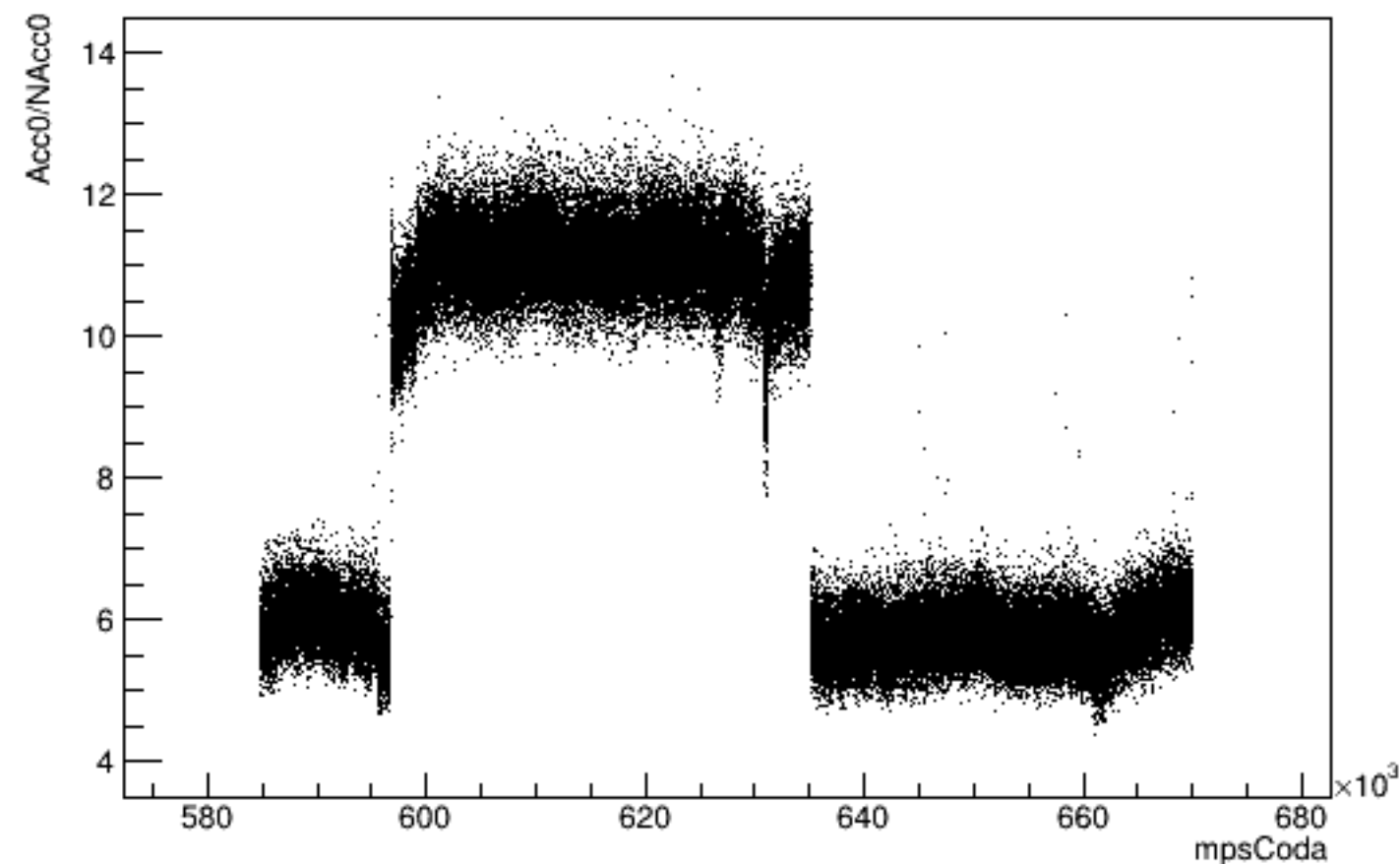
Mean: -0.0004 +/- 0.0003

Std Dev: 0.0219 +/- 0.0002

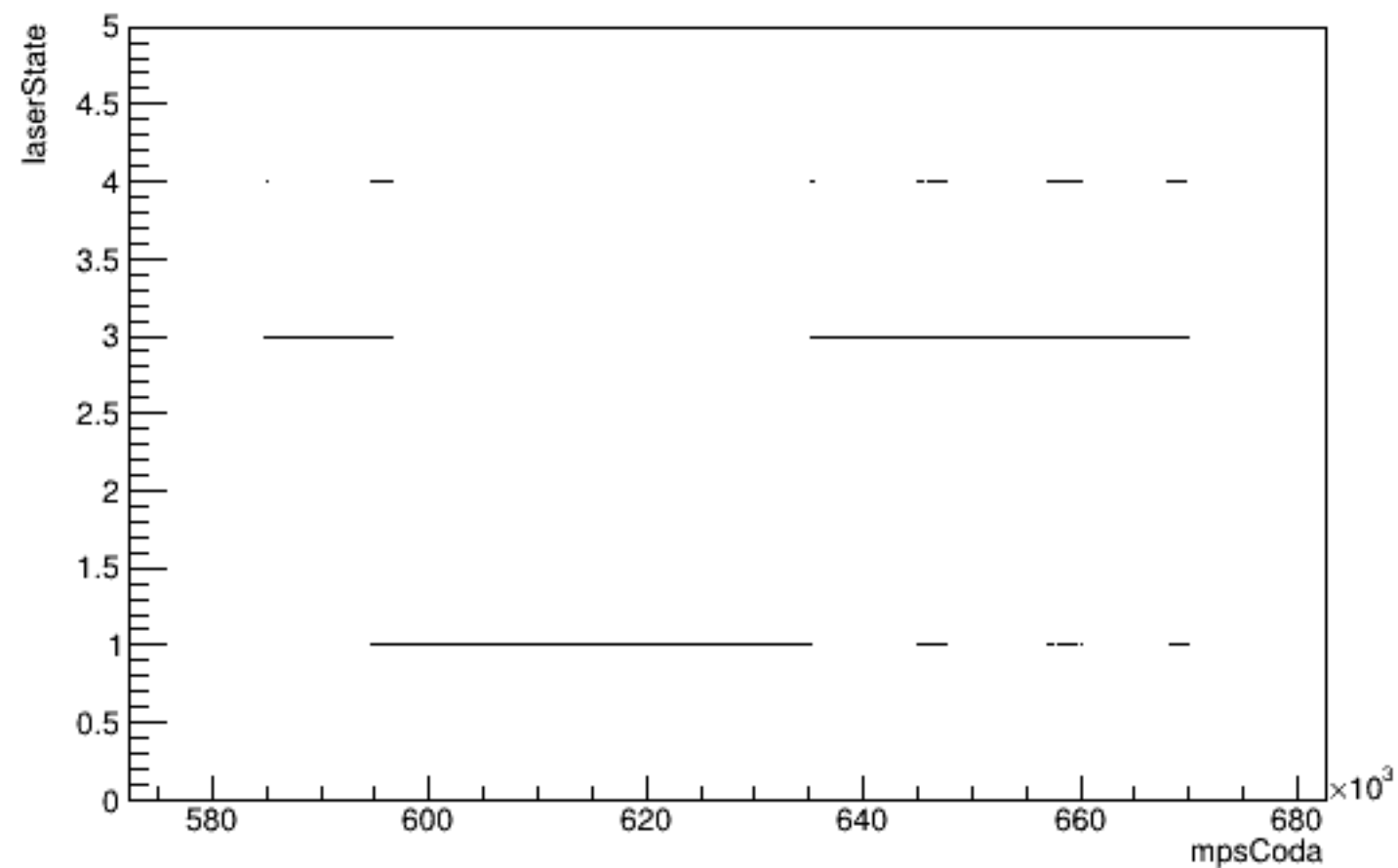
Run 4531 quartetwise, Asyms



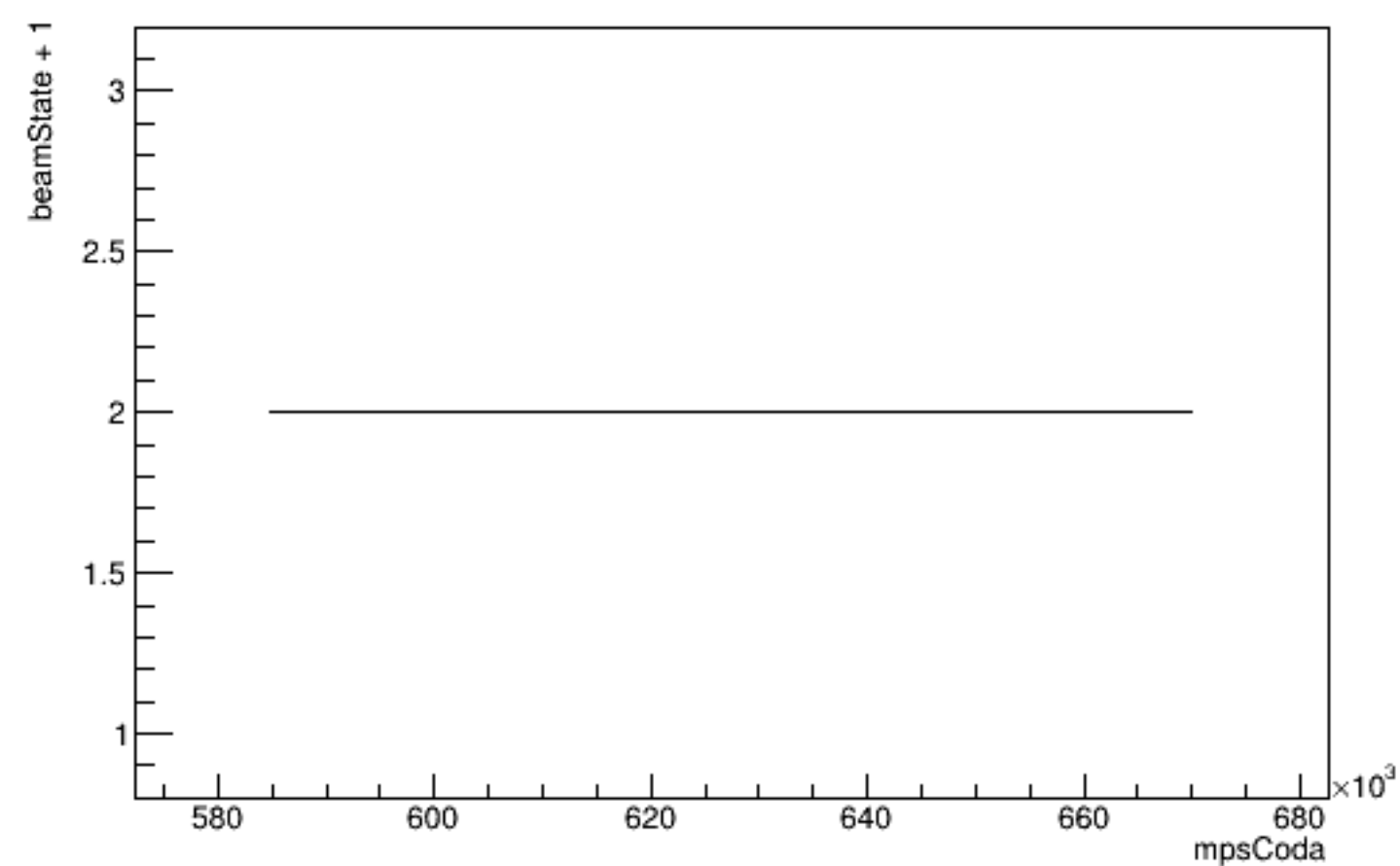
Acc0/NAcc0:mpsCoda {mpsCoda>=584837 && mpsCoda<=669892 && beamState==1}



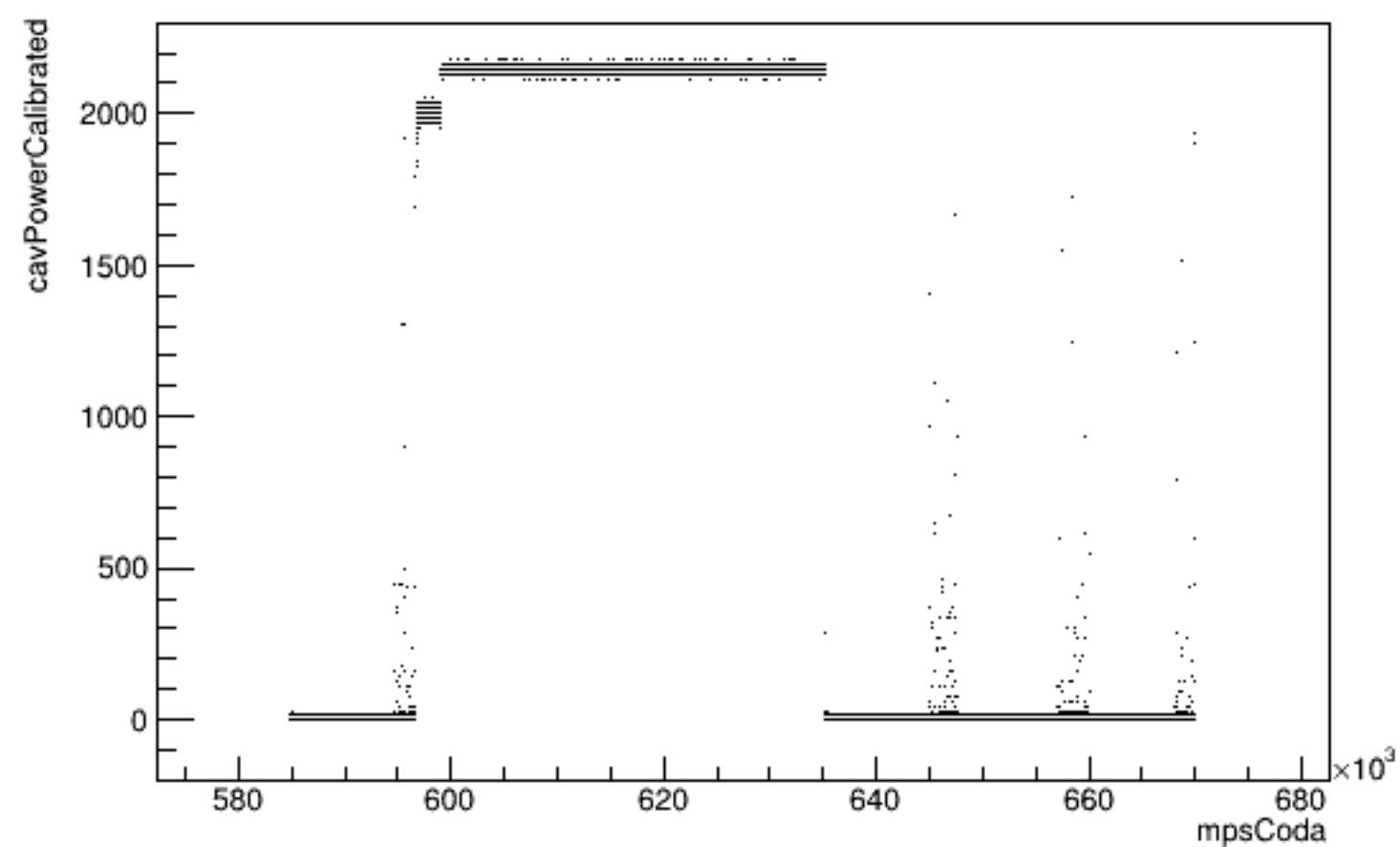
laserState:mpsCoda {mpsCoda>=584837 && mpsCoda<=669892}



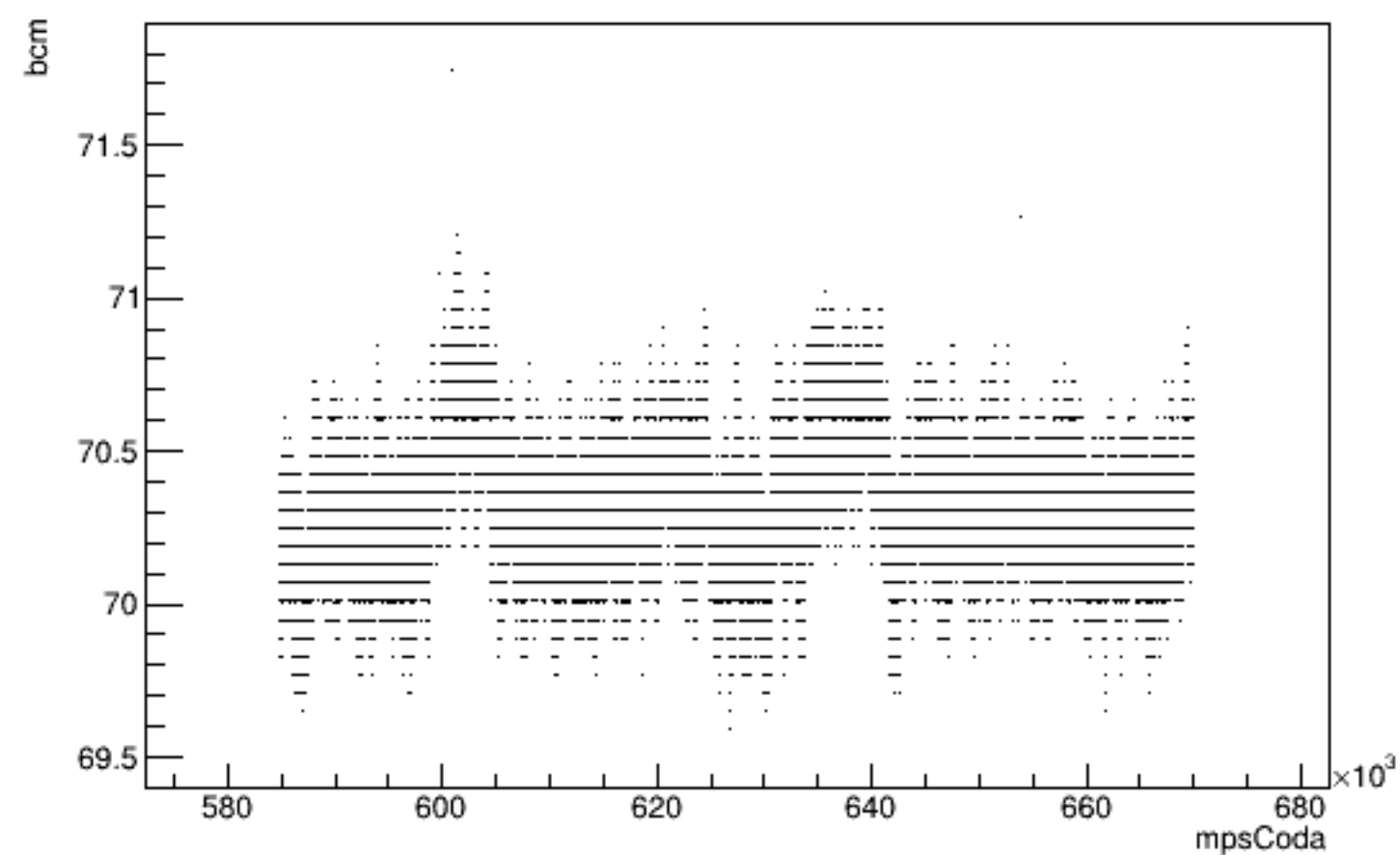
beamState + 1:mpsCoda {mpsCoda>=584837 && mpsCoda<=669892}



cavPowerCalibrated:mpsCoda {mpsCoda>=584837 && mpsCoda<=669892}



bcm:mpsCoda {mpsCoda>=584837 && mpsCoda<=669892}



Cycle 11, Diffs

Entries: 4219

Mean: -0.0046 +/- 0.0035

Std Dev: 0.2261 +/- 0.0025

Entries: 3996

Mean: -0.1461 +/- 0.0050

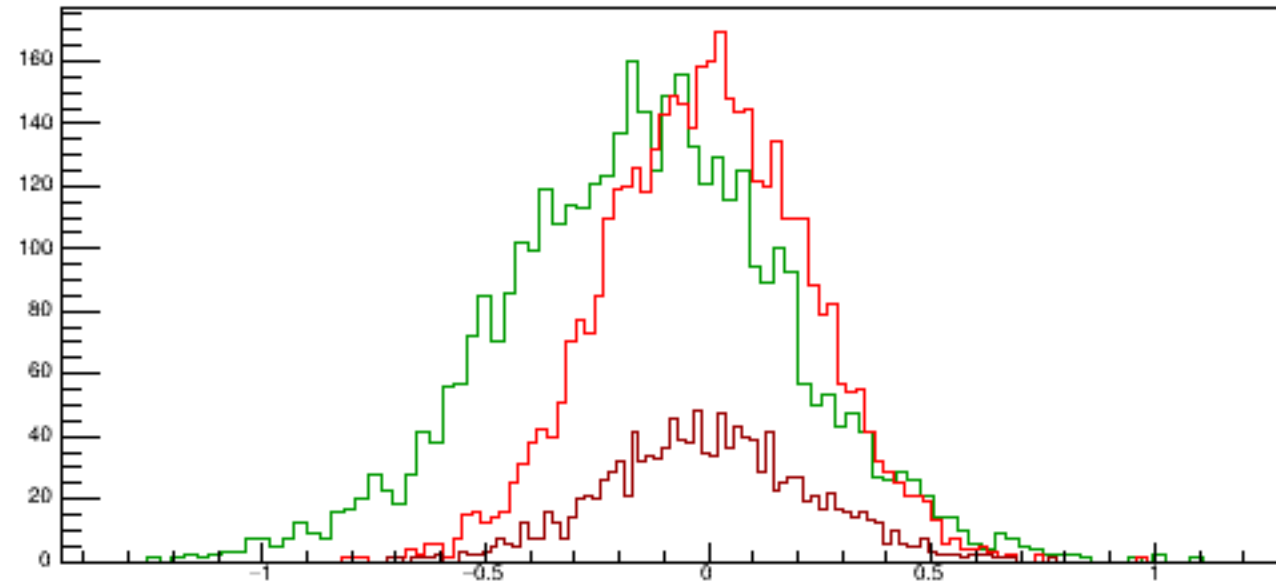
Std Dev: 0.3188 +/- 0.0036

Entries: 1303

Mean: 0.0006 +/- 0.0063

Std Dev: 0.2281 +/- 0.0045

Run 4531 quartetwise, Diffs



Cycle 11, Sums

Entries: 4219

Mean: 11.5523 +/- 0.0060

Std Dev: 0.3902 +/- 0.0042

Entries: 3996

Mean: 22.3328 +/- 0.0111

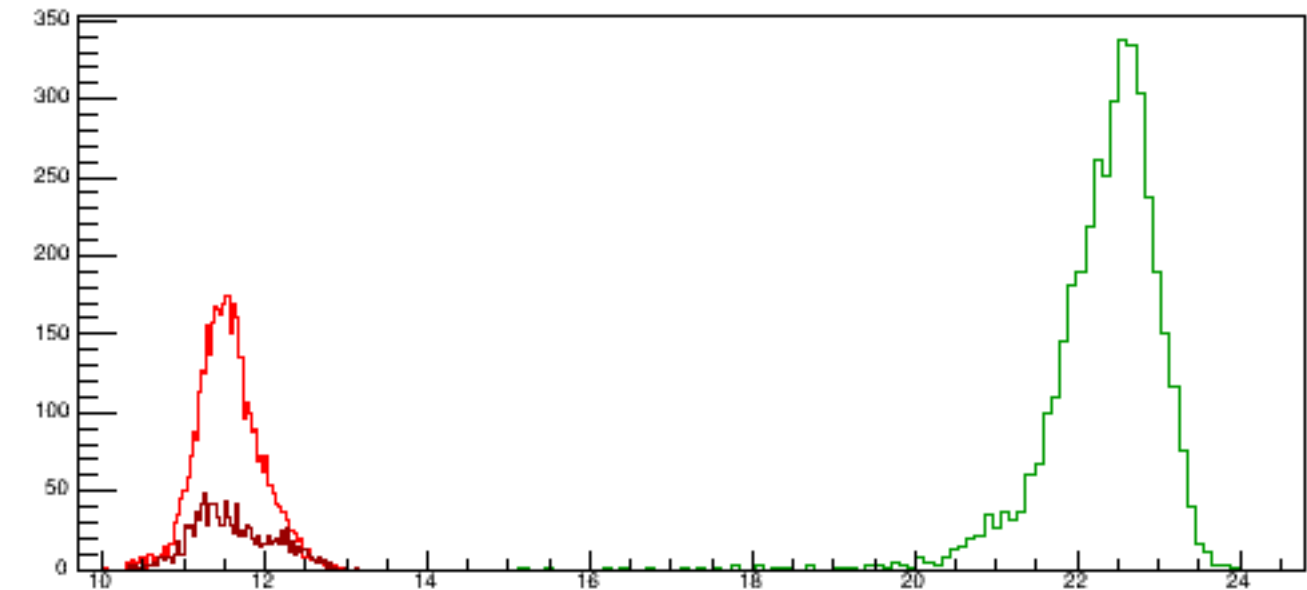
Std Dev: 0.6995 +/- 0.0078

Entries: 1303

Mean: 11.6159 +/- 0.0136

Std Dev: 0.4891 +/- 0.0096

Run 4531 quartetwise, Sums



Cycle 11, Asyms

Entries: 4219

Mean: -0.0004 +/- 0.0003

Std Dev: 0.0210 +/- 0.0002

Entries: 3996

Mean: -0.0136 +/- 0.0005

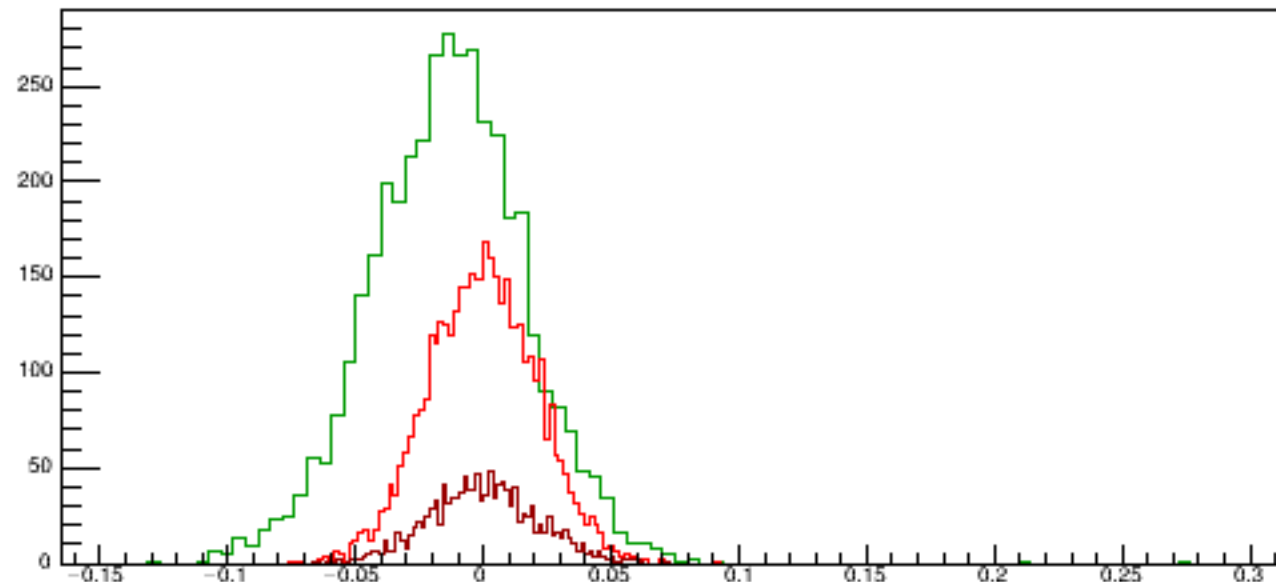
Std Dev: 0.0302 +/- 0.0003

Entries: 1303

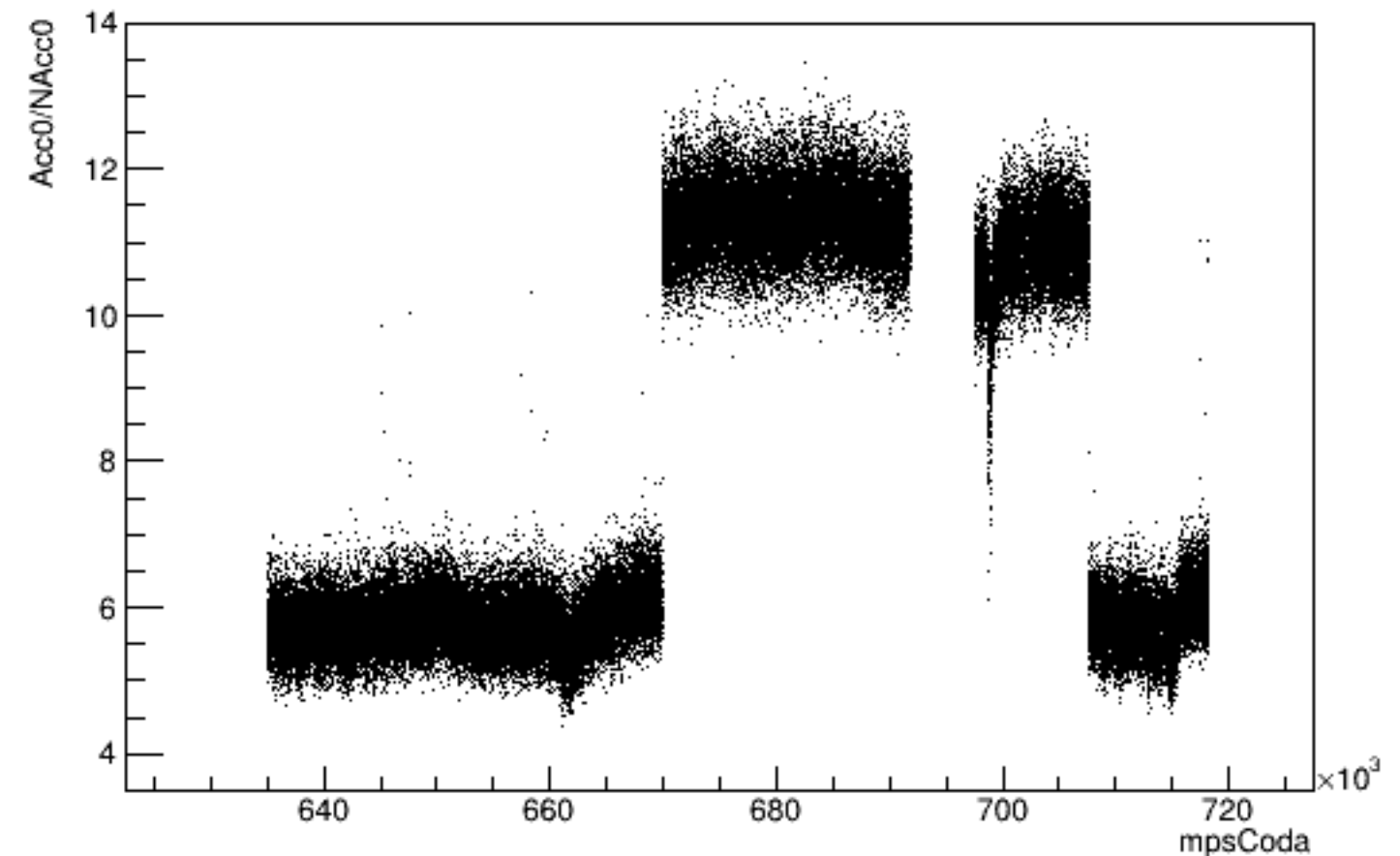
Mean: 0.0001 +/- 0.0006

Std Dev: 0.0212 +/- 0.0004

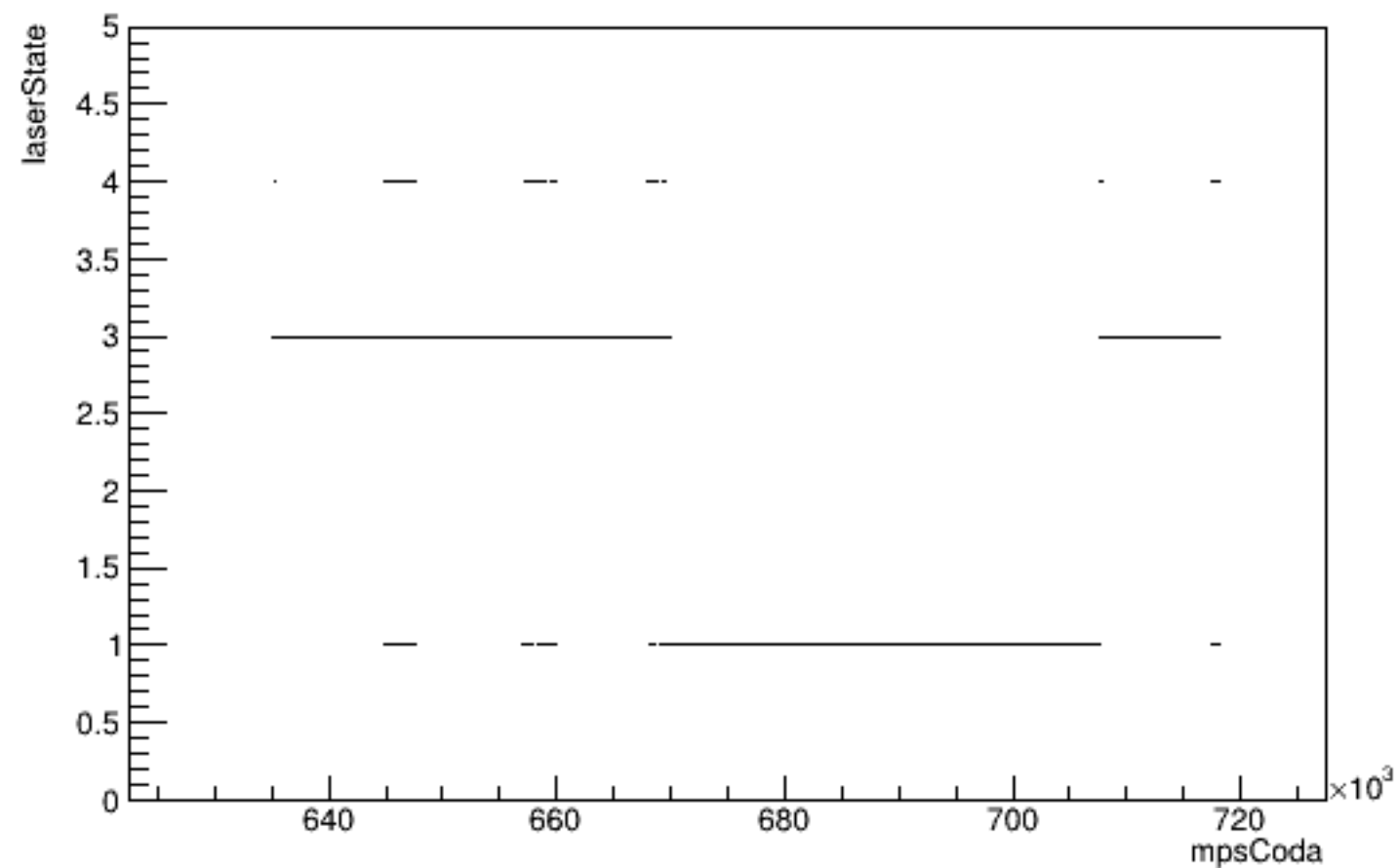
Run 4531 quartetwise, Asyms



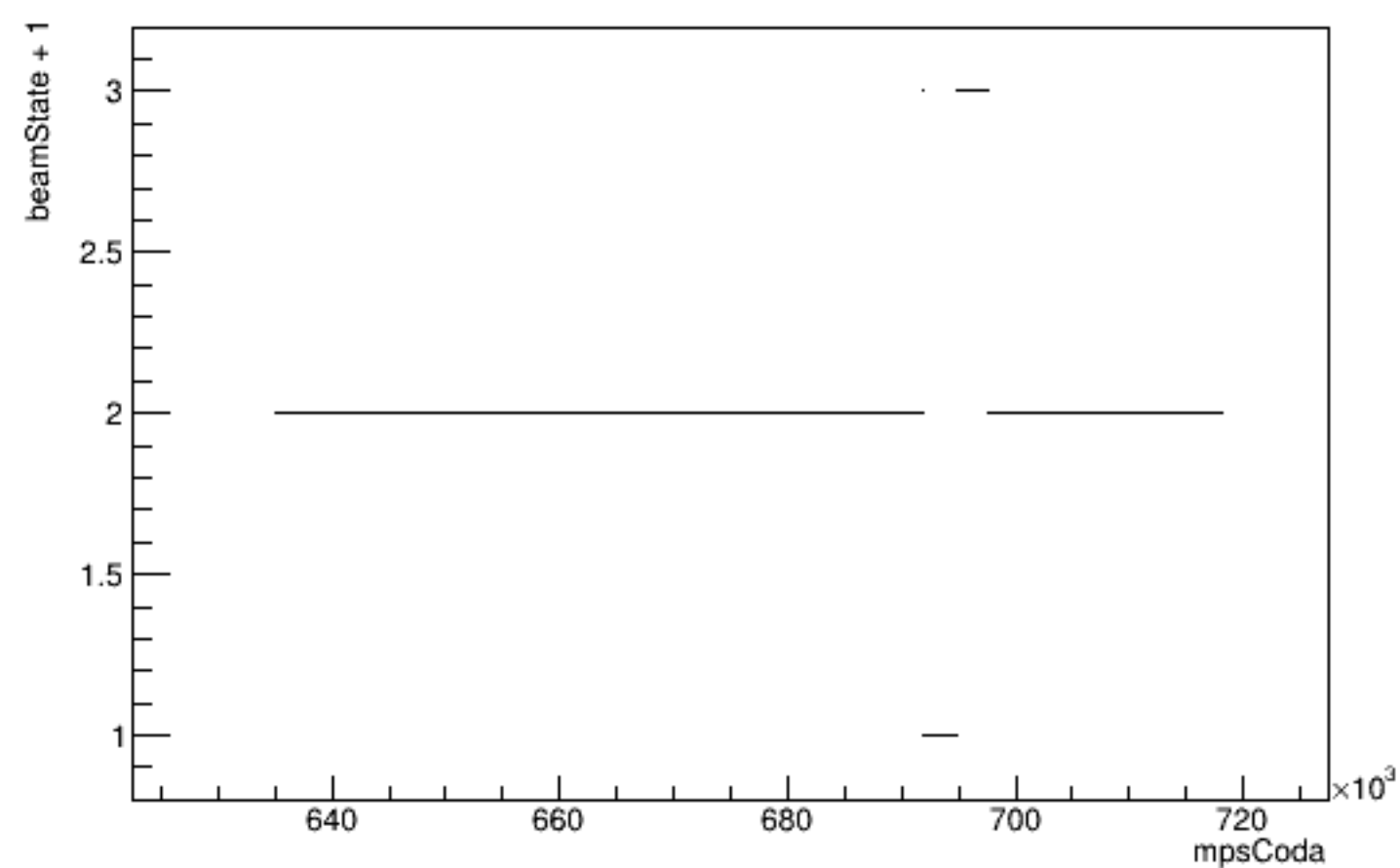
Acc0/NAcc0:mpsCoda {mpsCoda>=635069 && mpsCoda<=718244 && beamState==1}



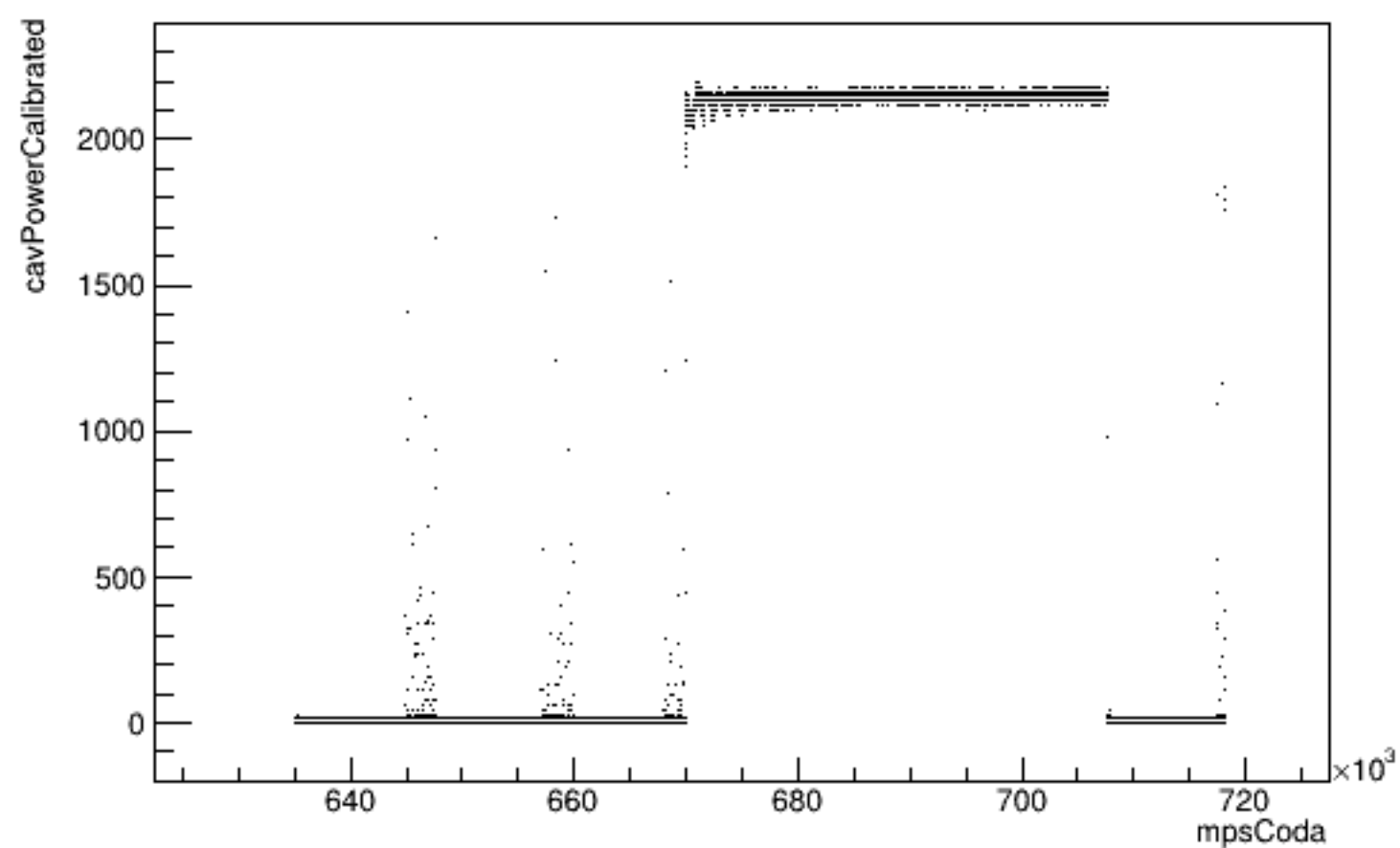
laserState:mpsCoda {mpsCoda>=635069 && mpsCoda<=718244}



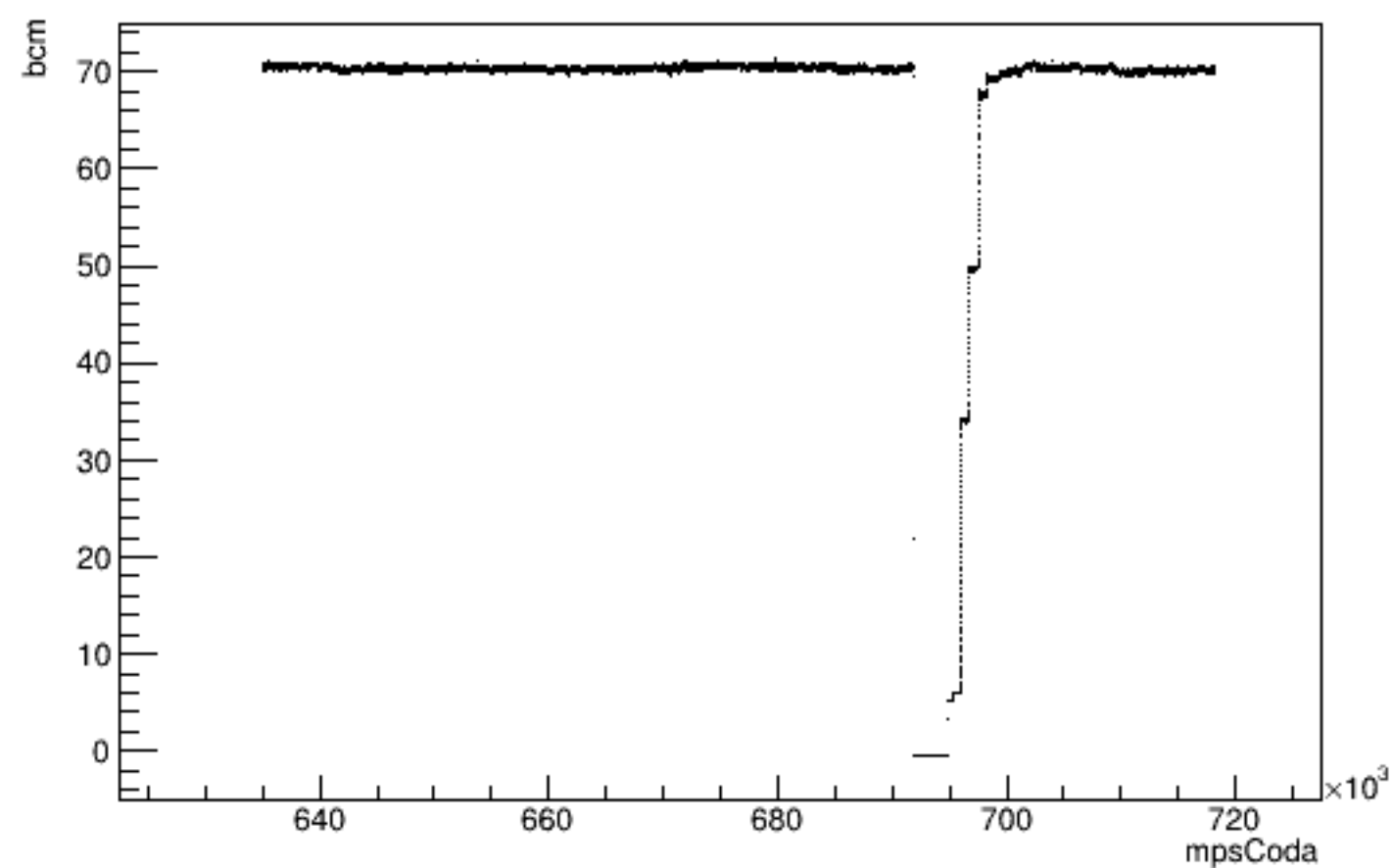
beamState + 1:mpsCoda {mpsCoda>=635069 && mpsCoda<=718244}



cavPowerCalibrated:mpsCoda {mpsCoda>=635069 && mpsCoda<=718244}



bcm:mpsCoda {mpsCoda>=635069 && mpsCoda<=718244}



Cycle 12, Diffs

Entries: 1303

Mean: 0.0006 +/- 0.0063

Std Dev: 0.2281 +/- 0.0045

Entries: 3981

Mean: -0.1478 +/- 0.0051

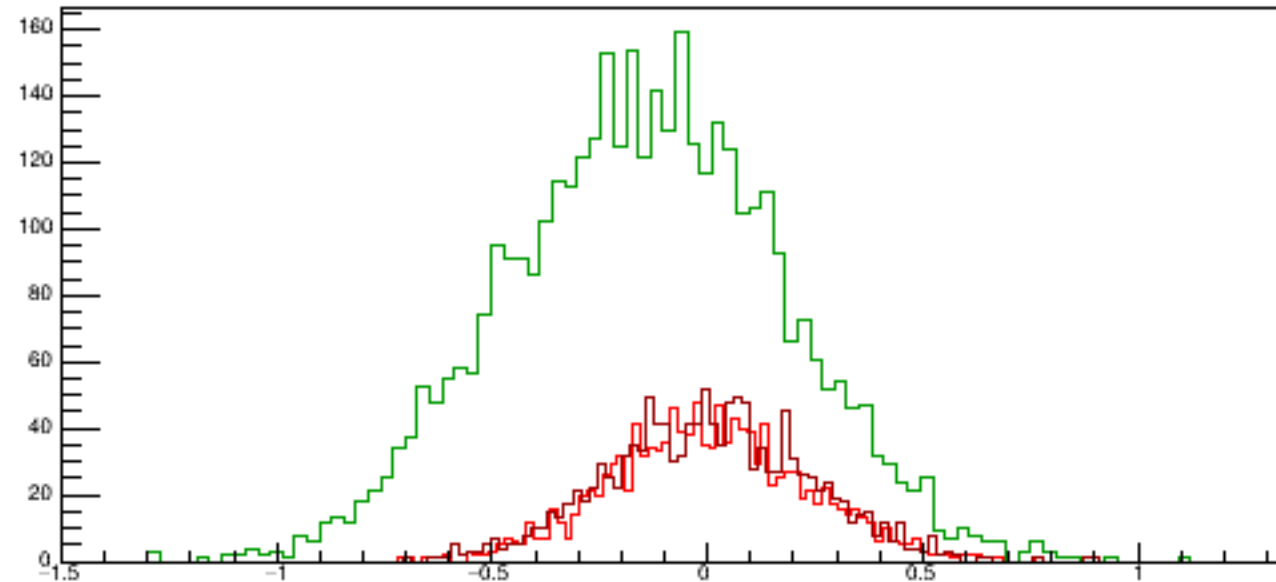
Std Dev: 0.3219 +/- 0.0036

Entries: 1336

Mean: 0.0018 +/- 0.0064

Std Dev: 0.2334 +/- 0.0045

Run 4531 quartetwise, Diffs



Cycle 12, Sums

Entries: 1303

Mean: 11.6159 +/- 0.0136

Std Dev: 0.4891 +/- 0.0096

Entries: 3981

Mean: 21.8894 +/- 0.0132

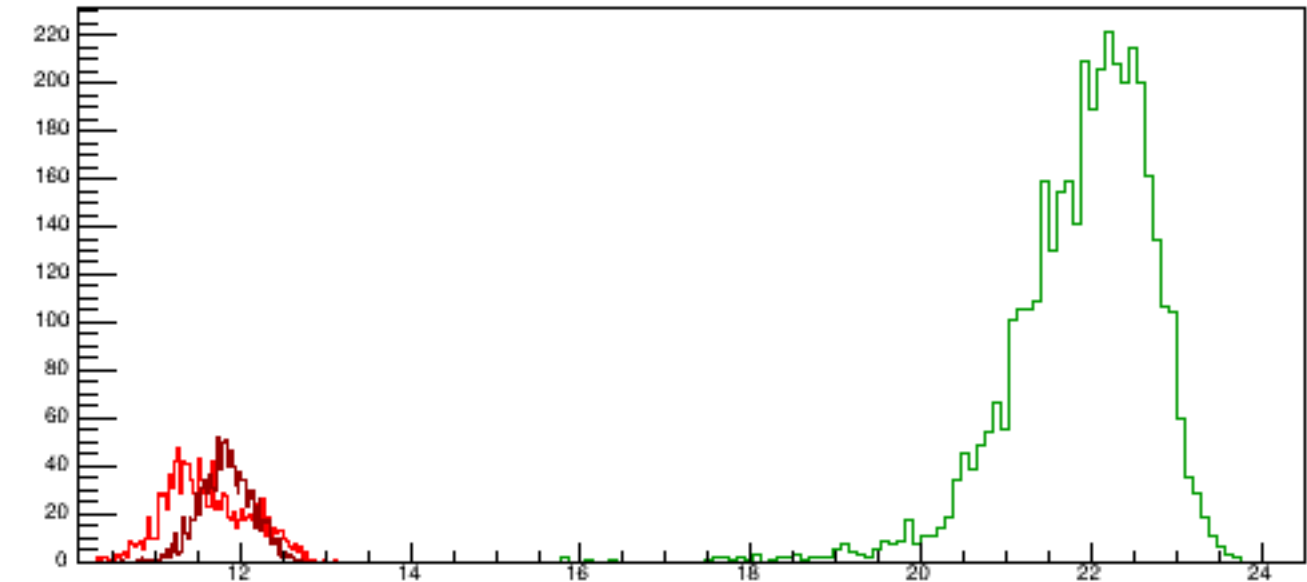
Std Dev: 0.8337 +/- 0.0093

Entries: 1336

Mean: 11.8377 +/- 0.0085

Std Dev: 0.3102 +/- 0.0060

Run 4531 quartetwise, Sums



Cycle 12, Asyms

Entries: 1303

Mean: 0.0001 +/- 0.0006

Std Dev: 0.0224 +/- 0.0004

Entries: 3981

Mean: -0.0146 +/- 0.0005

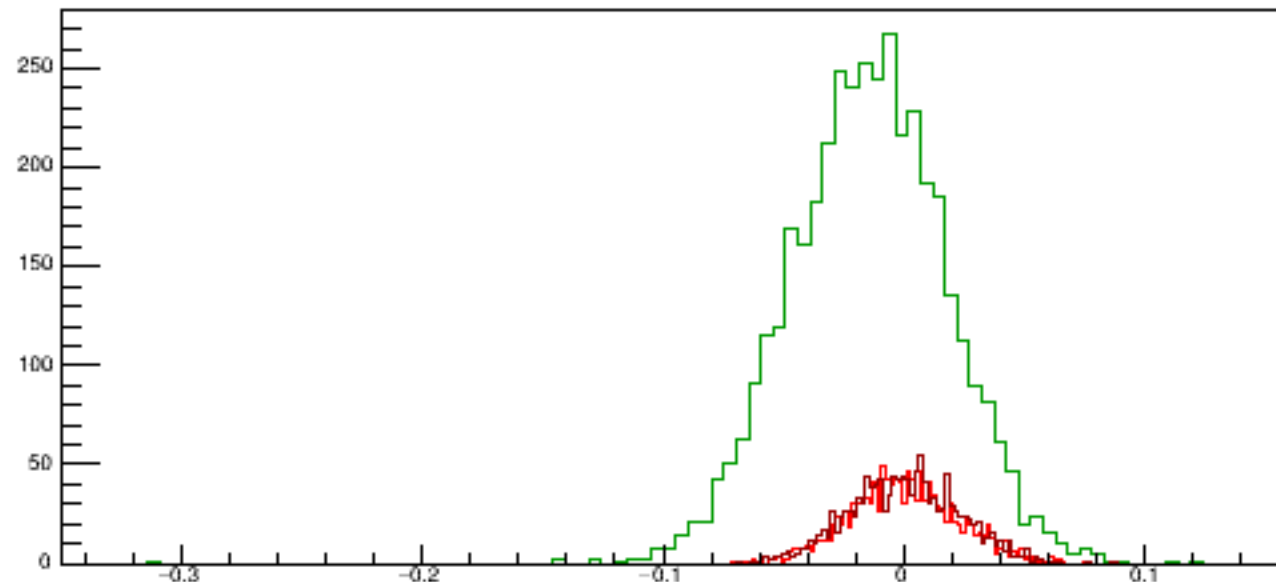
Std Dev: 0.0324 +/- 0.0004

Entries: 1336

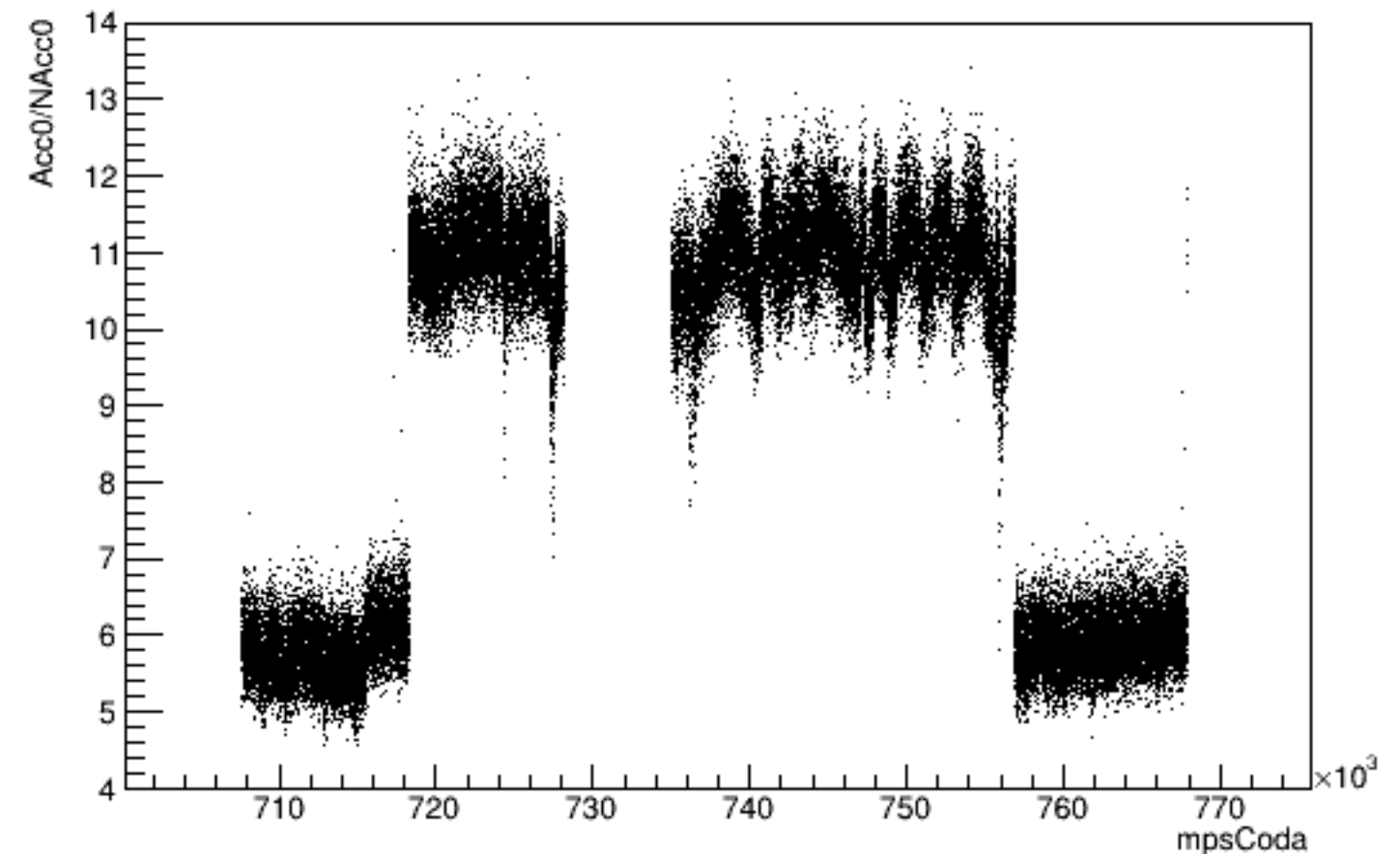
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0230 +/- 0.0004

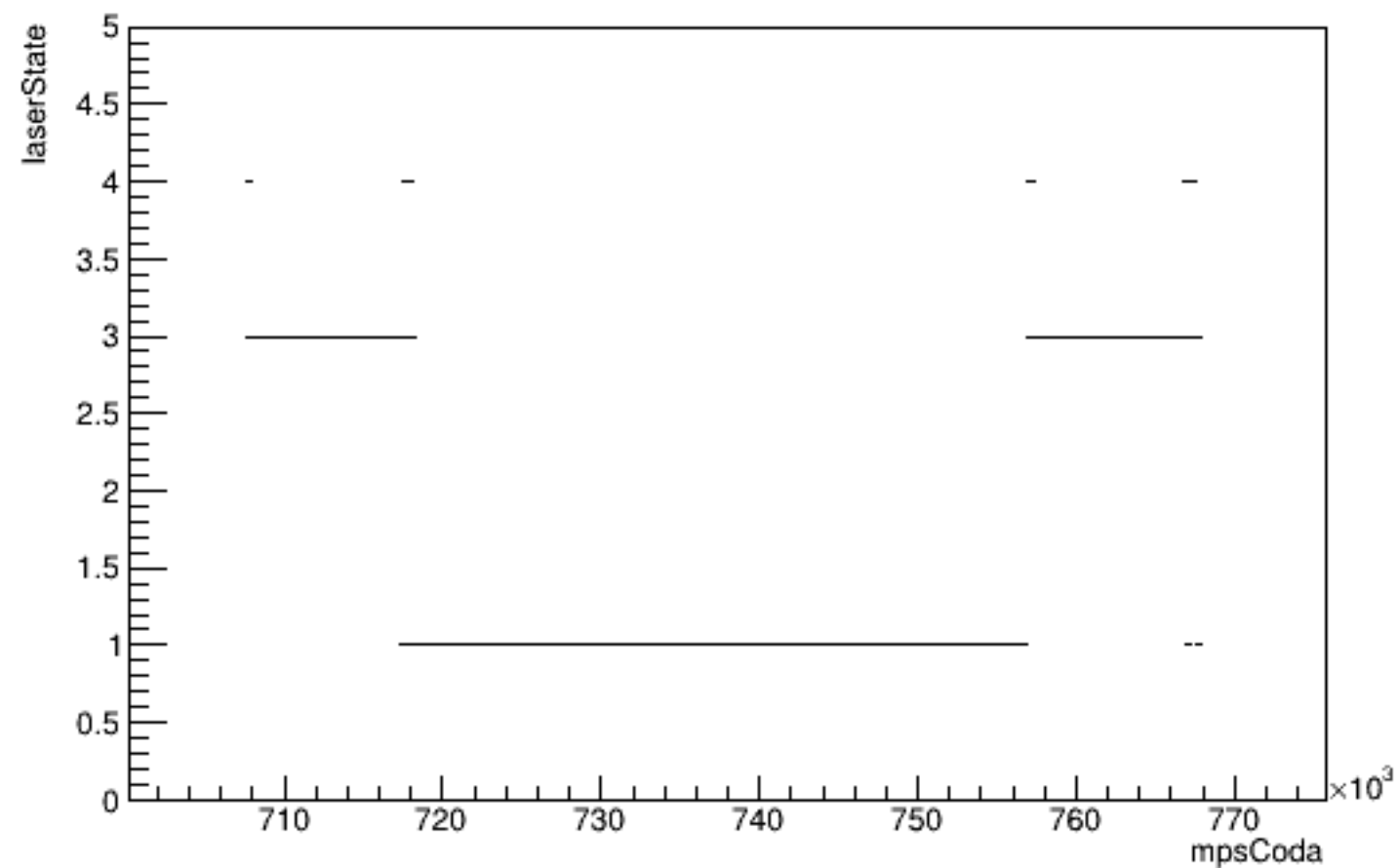
Run 4531 quartetwise, Asyms



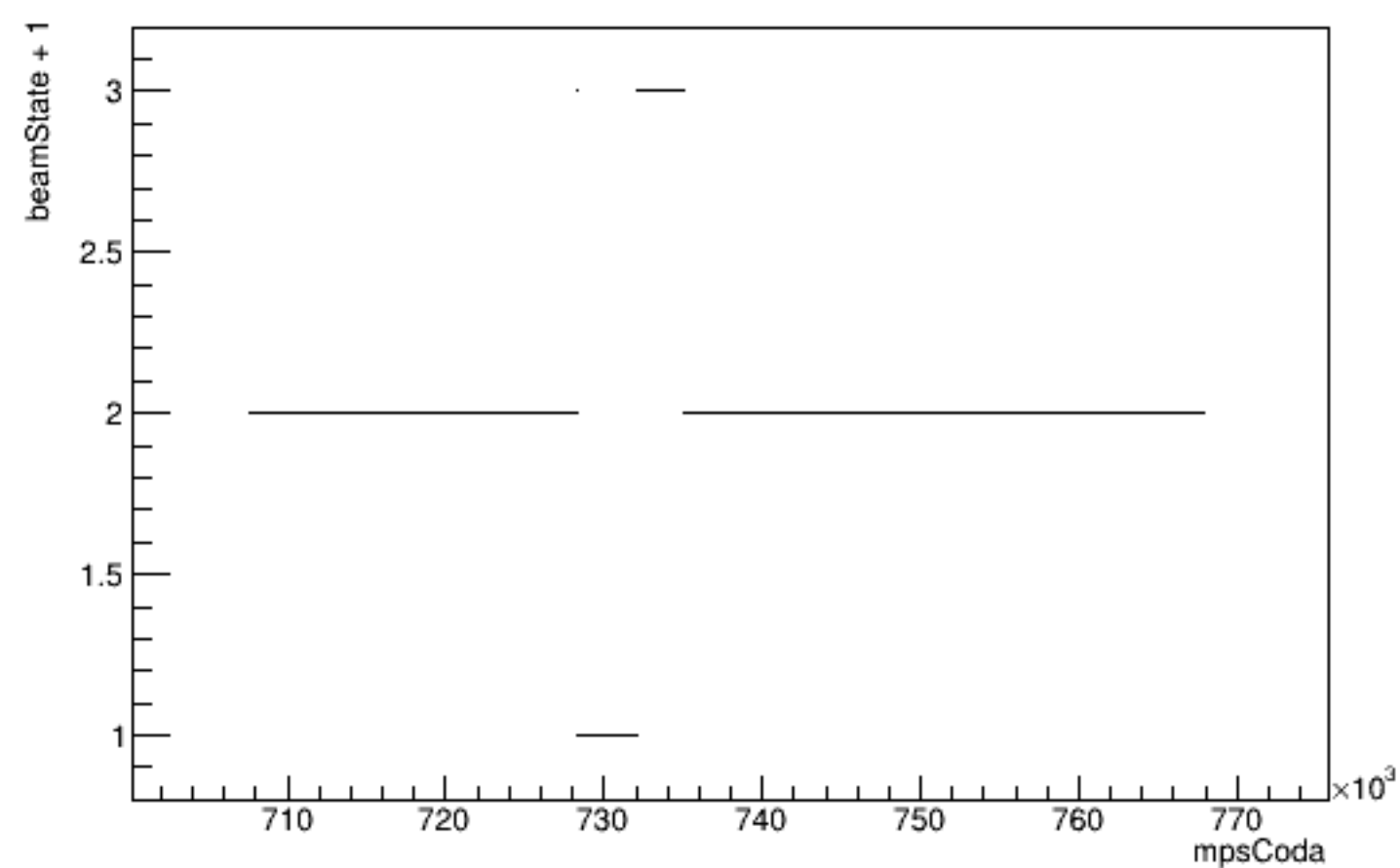
Acc0/NAcc0:mpsCoda {mpsCoda>=707629 && mpsCoda<=767868 && beamState==1}



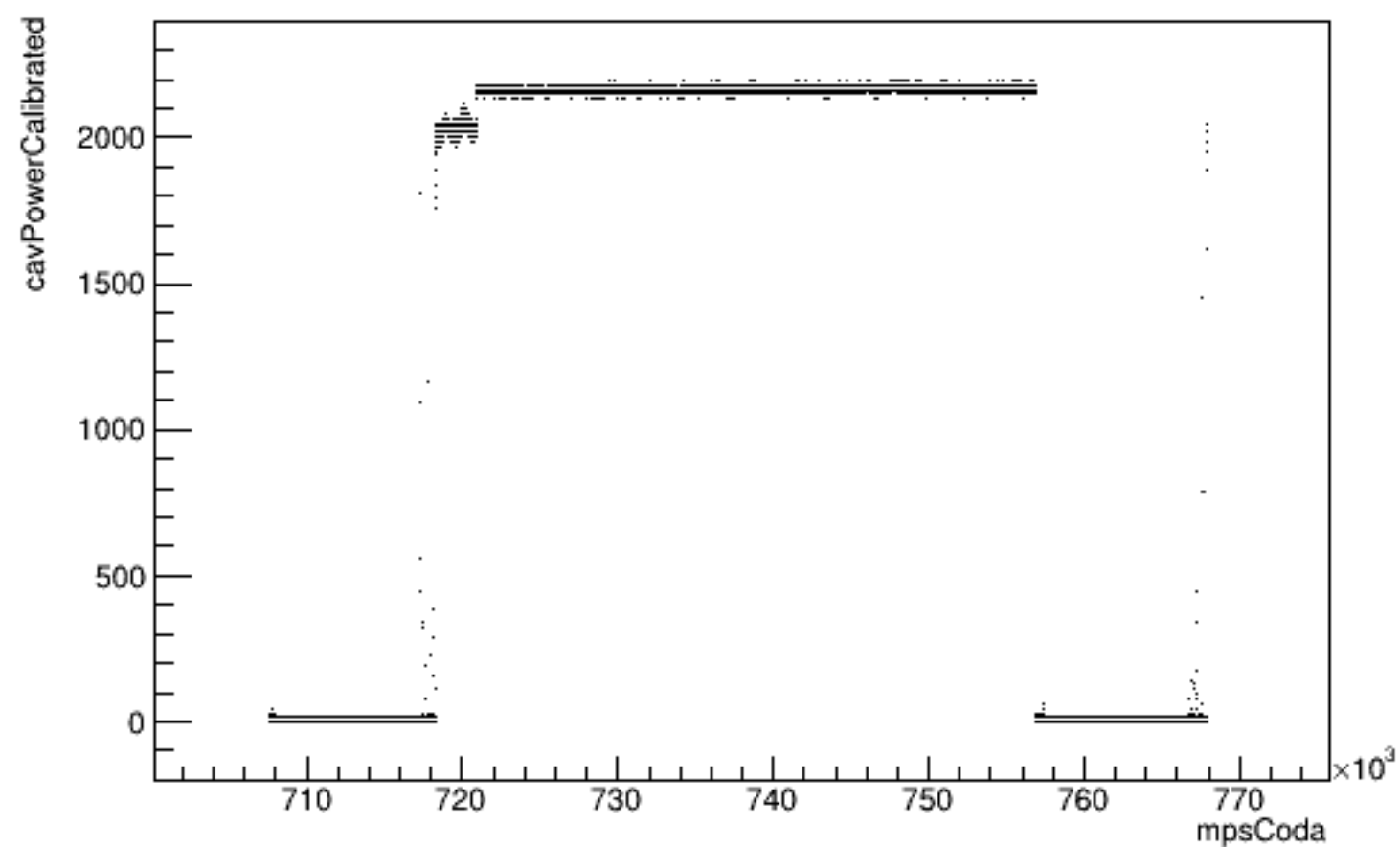
laserState:mpsCoda {mpsCoda>=707629 && mpsCoda<=767868}



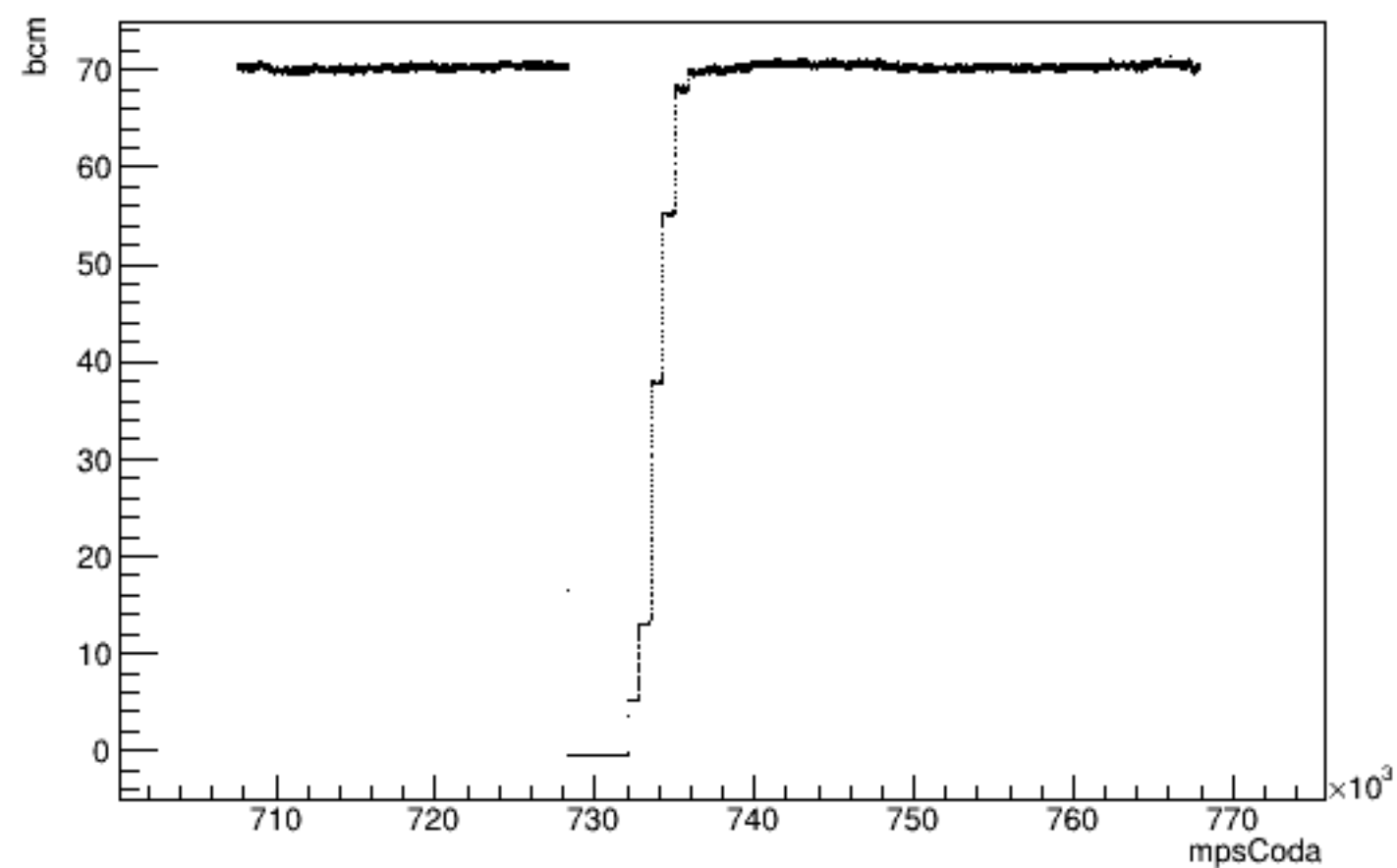
beamState + 1:mpsCoda {mpsCoda>=707629 && mpsCoda<=767868}



cavPowerCalibrated:mpsCoda {mpsCoda>=707629 && mpsCoda<=767868}



bcm:mpsCoda {mpsCoda>=707629 && mpsCoda<=767868}



Cycle 13, Diffs

Entries: 1336

Mean: 0.0018 +/- 0.0064

Std Dev: 0.2334 +/- 0.0045

Entries: 1787

Mean: -0.1473 +/- 0.0074

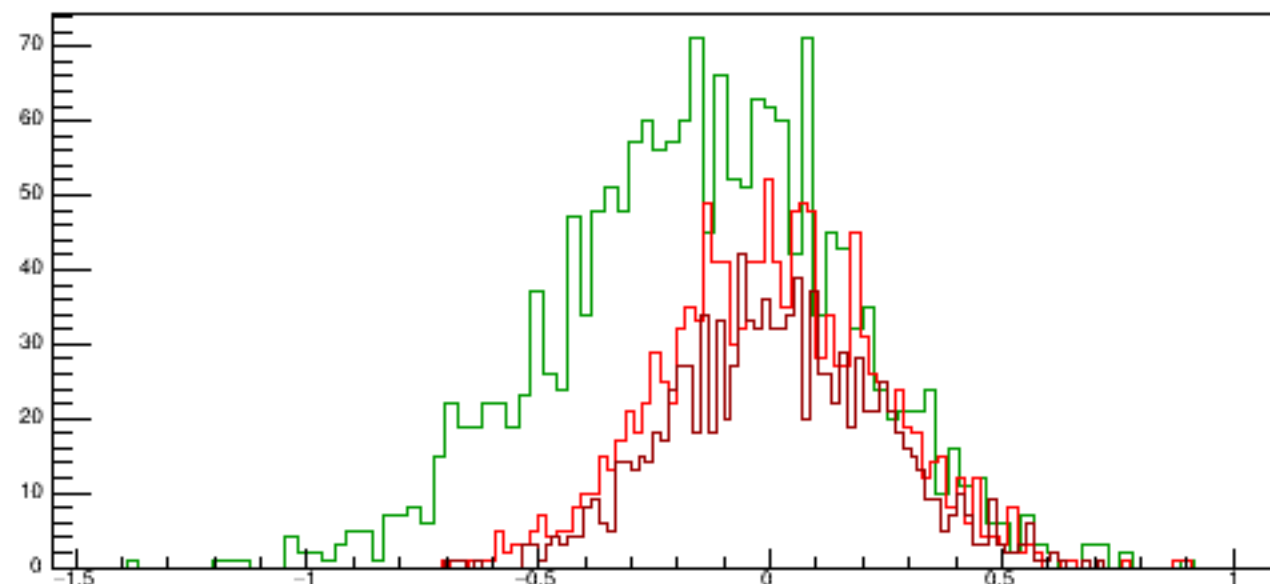
Std Dev: 0.3126 +/- 0.0052

Entries: 1112

Mean: 0.0167 +/- 0.0068

Std Dev: 0.2256 +/- 0.0048

Run 4531 quartetwise, Diffs



Cycle 13, Sums

Entries: 1336

Mean: 11.8377 +/- 0.0085

Std Dev: 0.3102 +/- 0.0060

Entries: 1787

Mean: 22.4262 +/- 0.0107

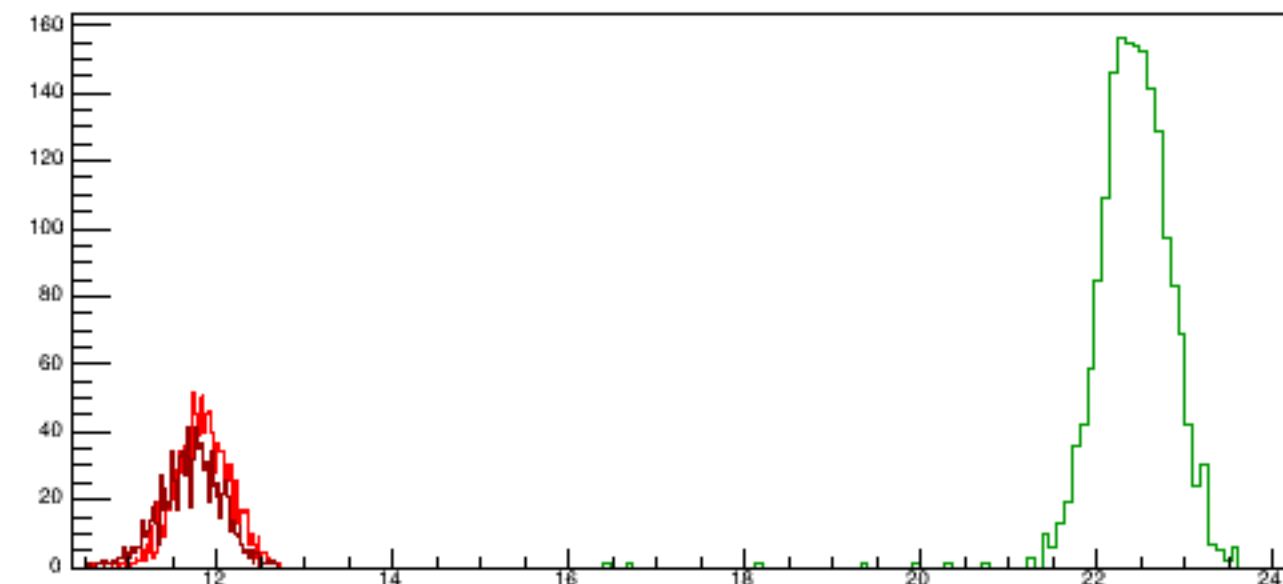
Std Dev: 0.4524 +/- 0.0076

Entries: 1112

Mean: 11.6982 +/- 0.0104

Std Dev: 0.3482 +/- 0.0074

Run 4531 quartetwise, Sums



Cycle 13, Asyms

Entries: 1336

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0219 +/- 0.0004

Entries: 1787

Mean: -0.0138 +/- 0.0007

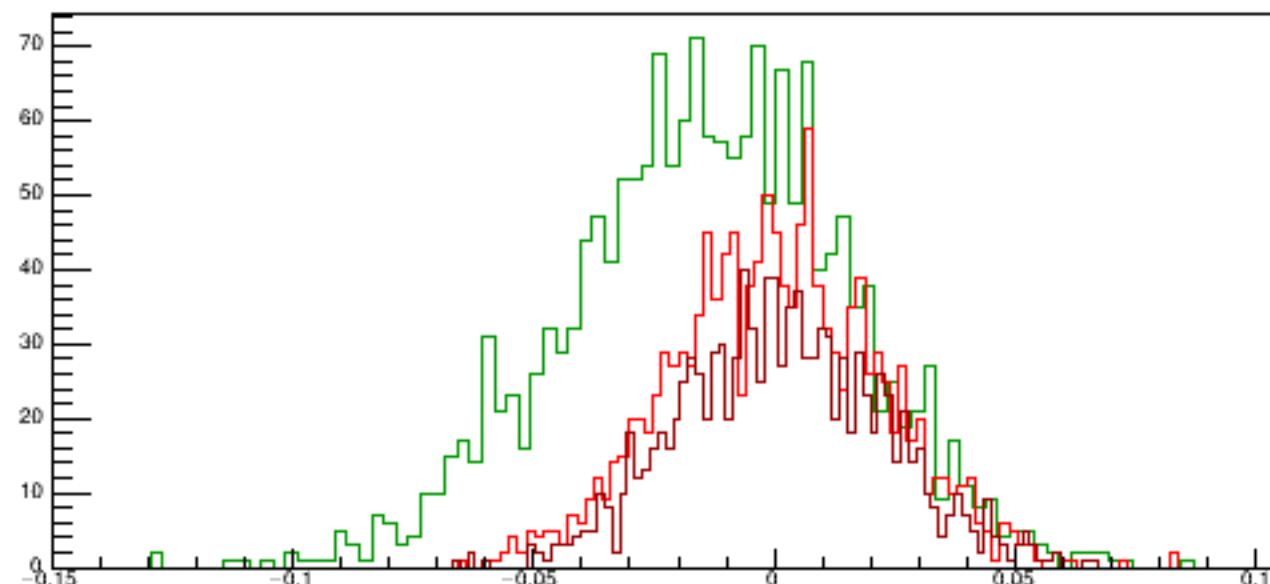
Std Dev: 0.0294 +/- 0.0005

Entries: 1112

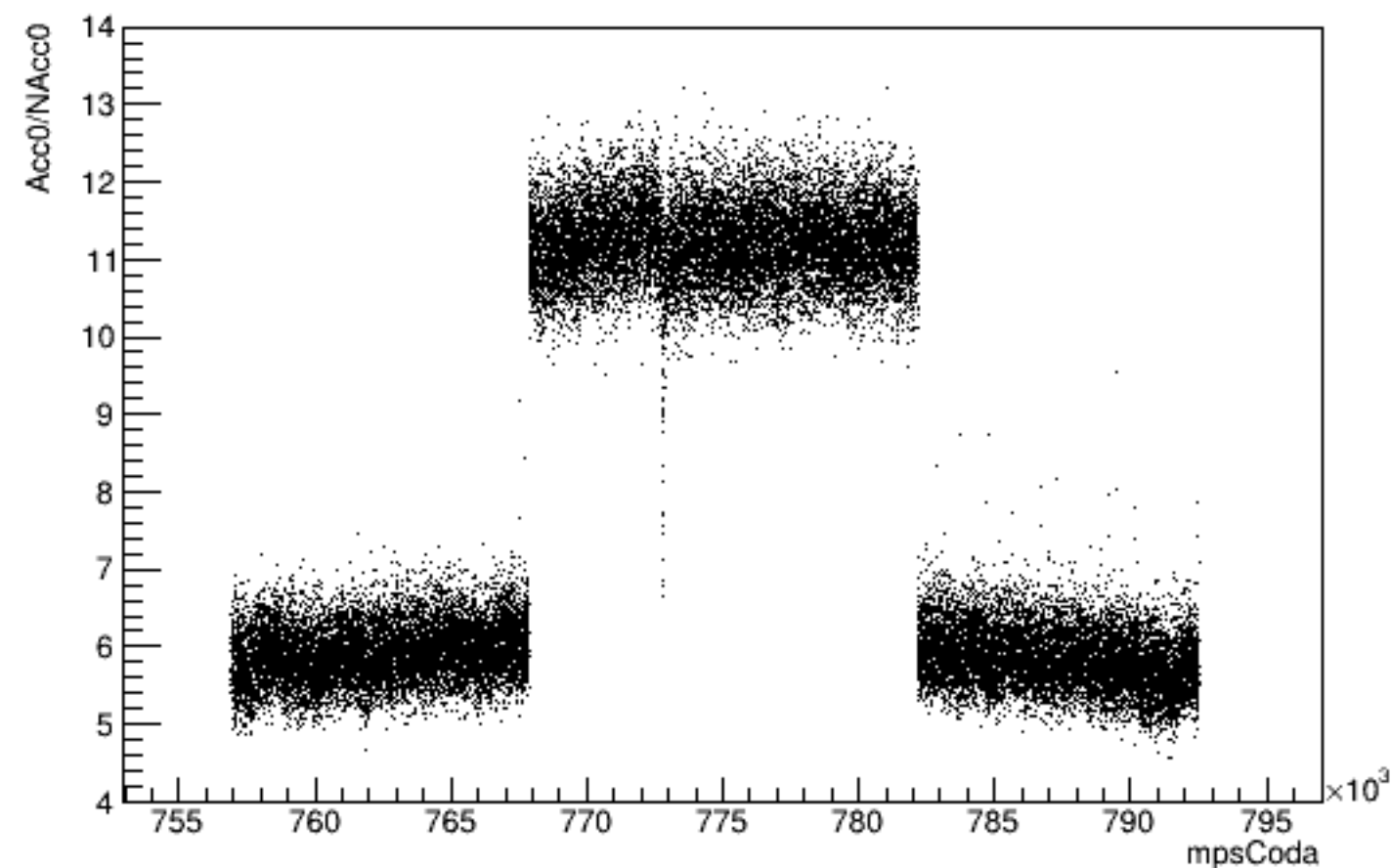
Mean: 0.0016 +/- 0.0006

Std Dev: 0.0212 +/- 0.0004

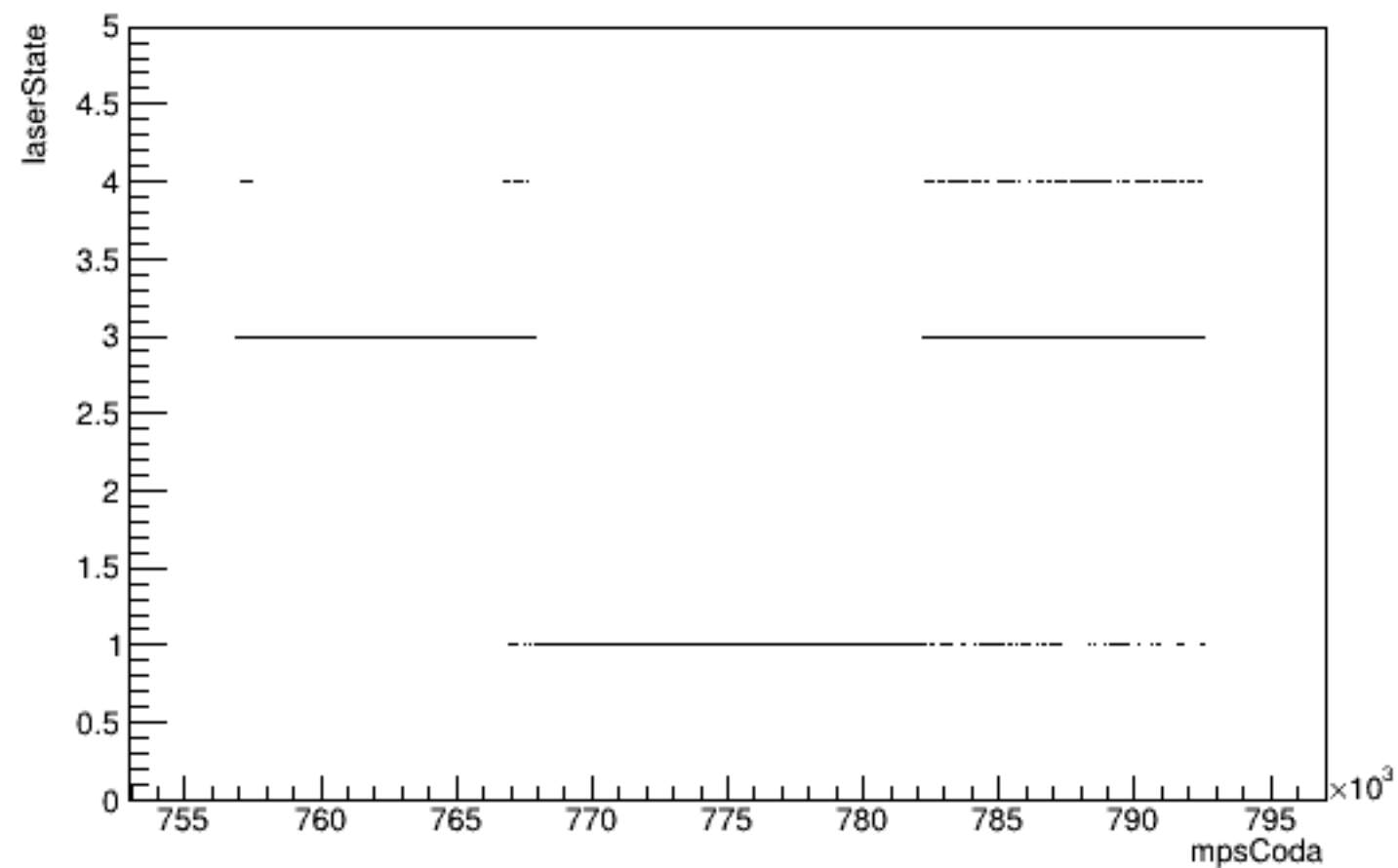
Run 4531 quartetwise, Asyms



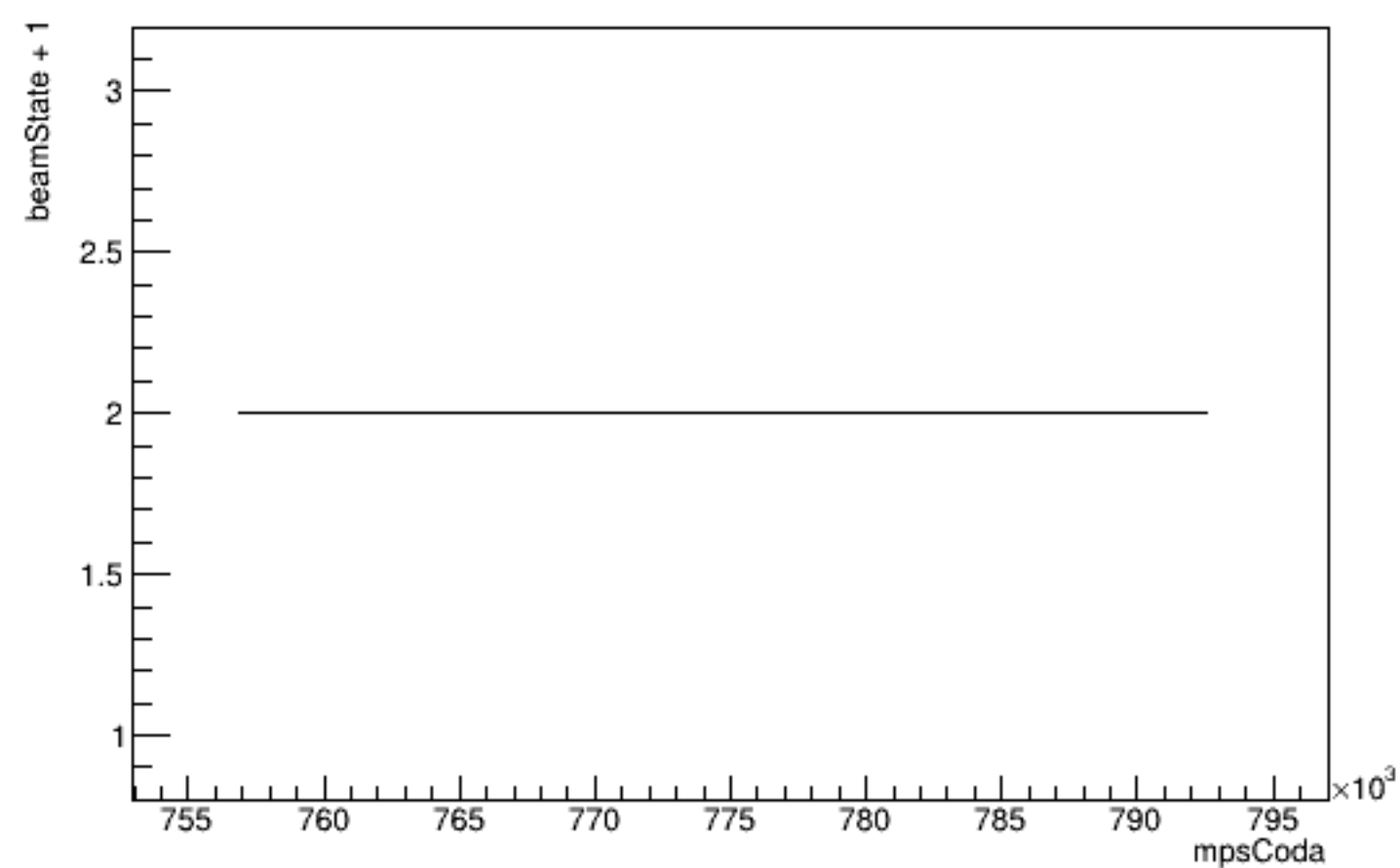
Acc0/NAcc0:mpsCoda {mpsCoda>=756917 && mpsCoda<=792500 && beamState==1}



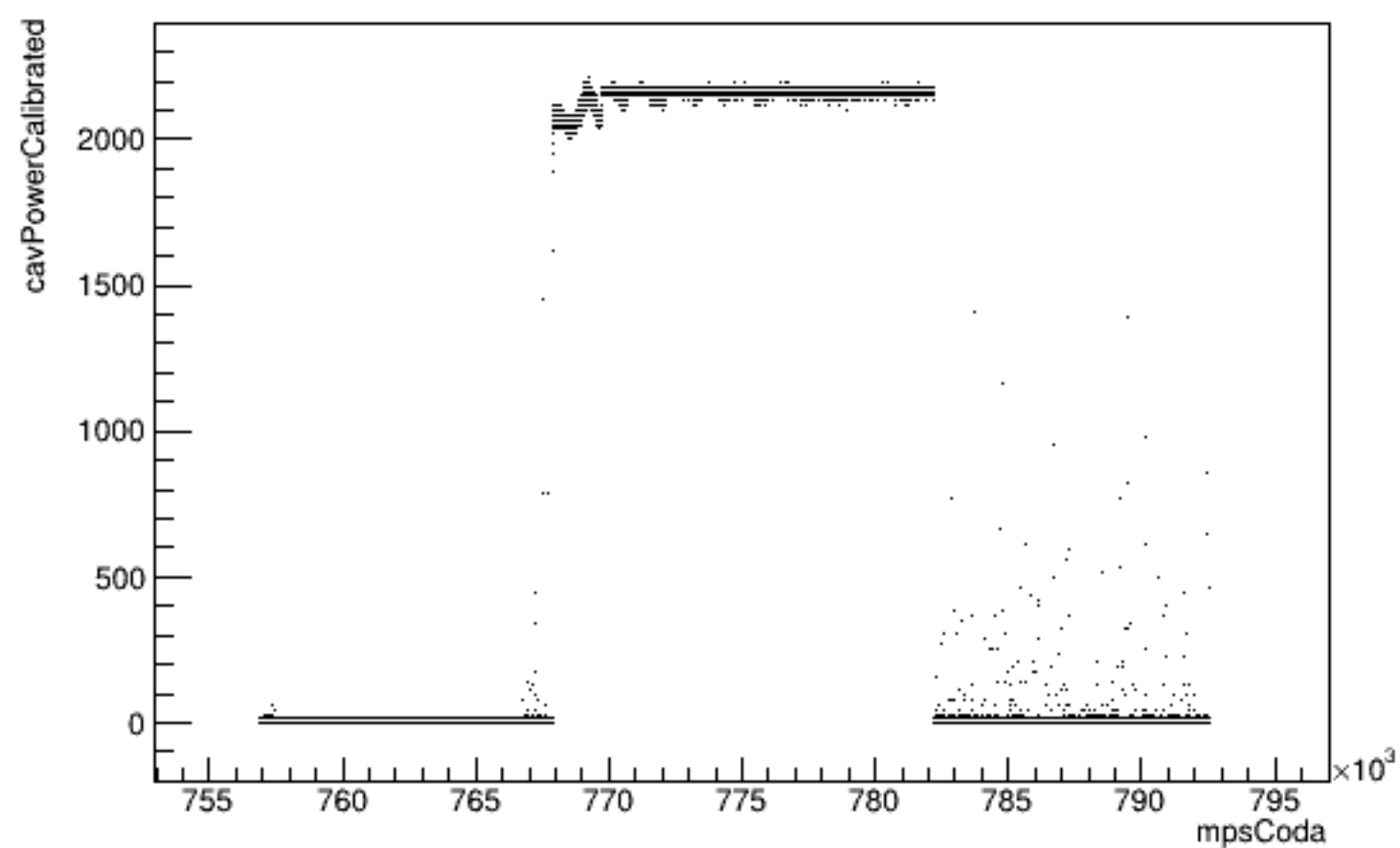
laserState:mpsCoda {mpsCoda>=756917 && mpsCoda<=792500}



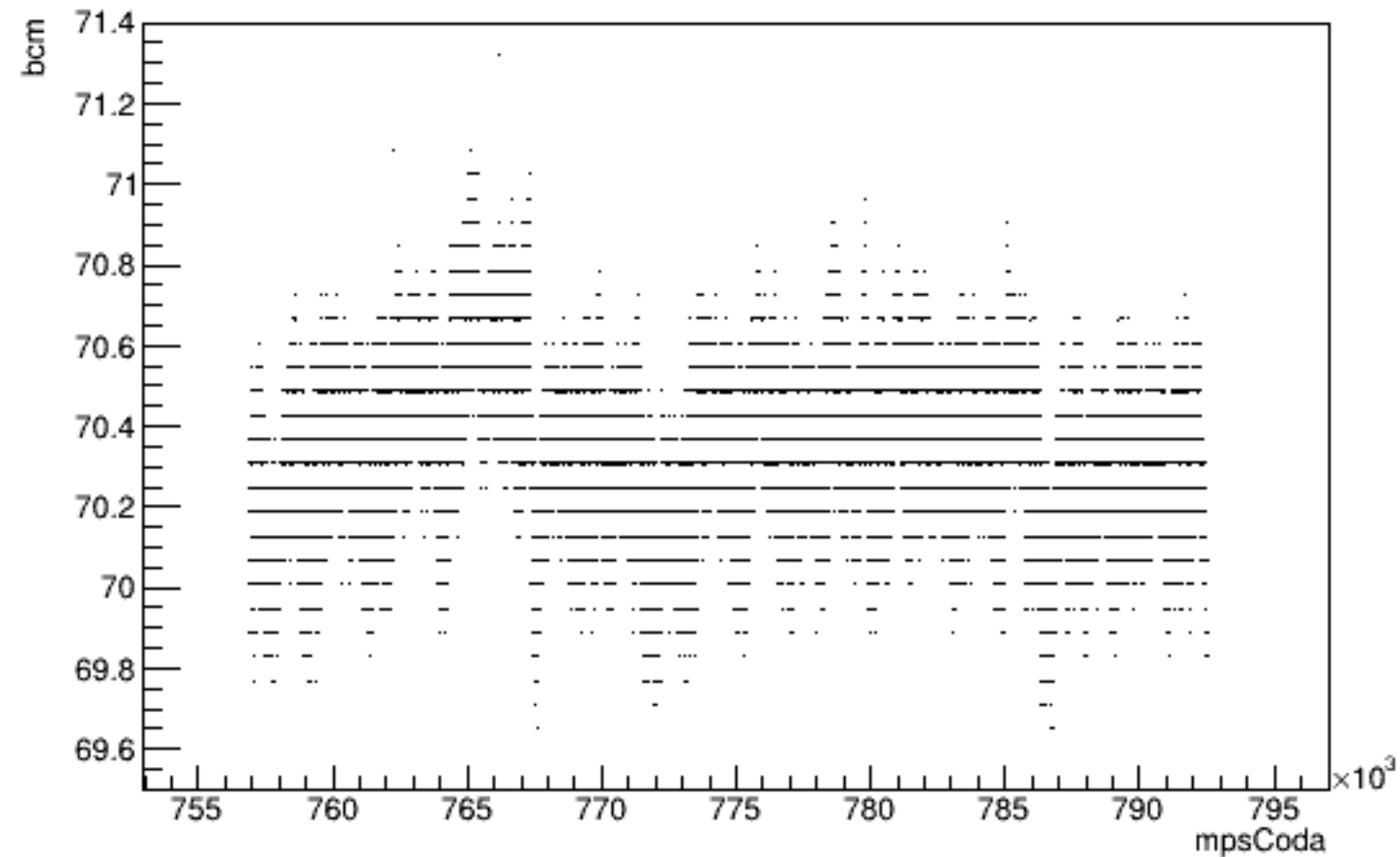
beamState + 1:mpsCoda {mpsCoda>=756917 && mpsCoda<=792500}



cavPowerCalibrated:mpsCoda {mpsCoda>=756917 && mpsCoda<=792500}



bcm:mpsCoda {mpsCoda>=756917 && mpsCoda<=792500}



Cycle 14, Diffs

Entries: 2026

Mean: -0.0021 +/- 0.0051

Std Dev: 0.2292 +/- 0.0036

Entries: 530

Mean: -0.1344 +/- 0.0139

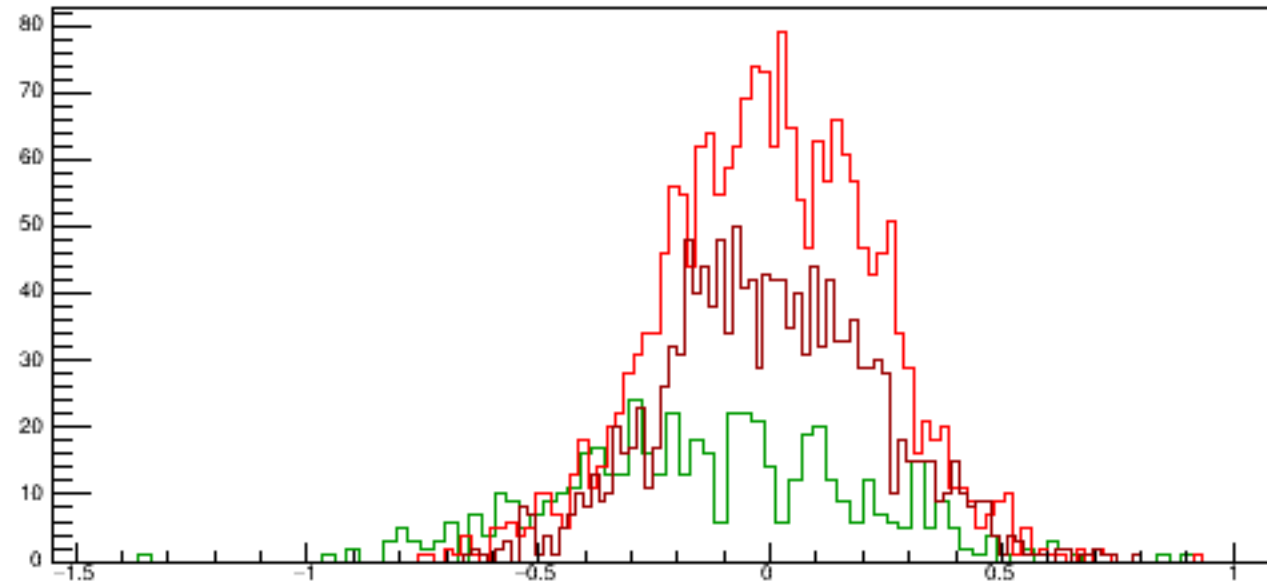
Std Dev: 0.3191 +/- 0.0098

Entries: 1452

Mean: 0.0025 +/- 0.0060

Std Dev: 0.2302 +/- 0.0043

Run 4531 quartetwise, Diffs



Cycle 14, Sums

Entries: 2026

Mean: 11.6815 +/- 0.0094

Std Dev: 0.4253 +/- 0.0067

Entries: 530

Mean: 21.4626 +/- 0.0209

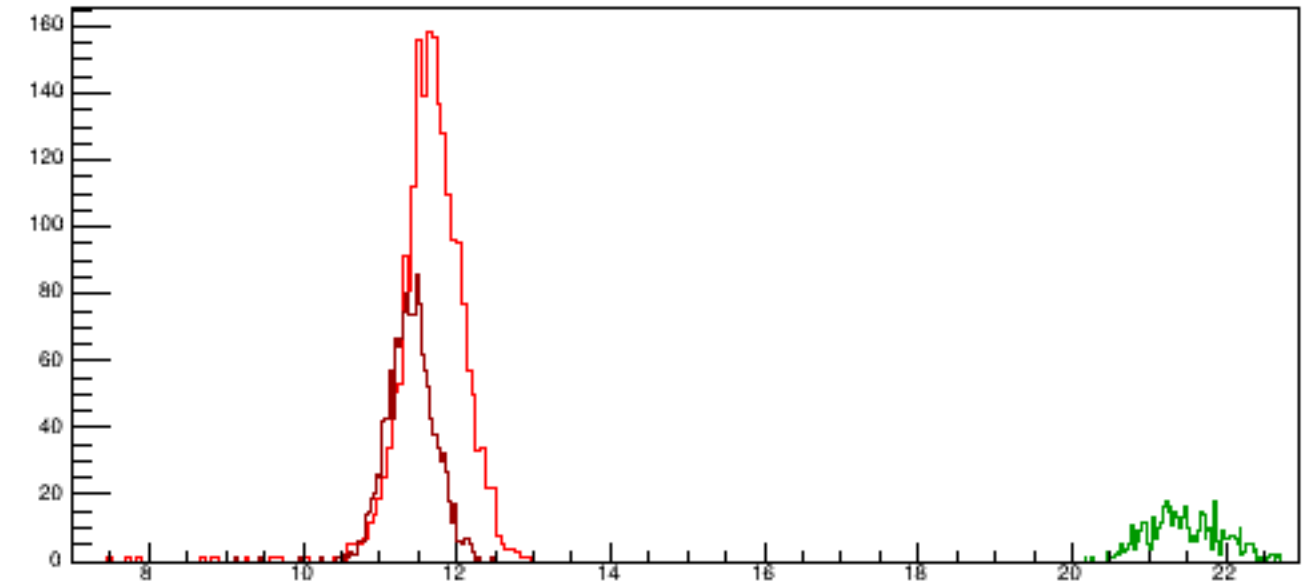
Std Dev: 0.4819 +/- 0.0148

Entries: 1452

Mean: 11.4059 +/- 0.0082

Std Dev: 0.3121 +/- 0.0058

Run 4531 quartetwise, Sums



Cycle 14, Asyms

Entries: 2026

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0231 +/- 0.0004

Entries: 530

Mean: -0.0136 +/- 0.0014

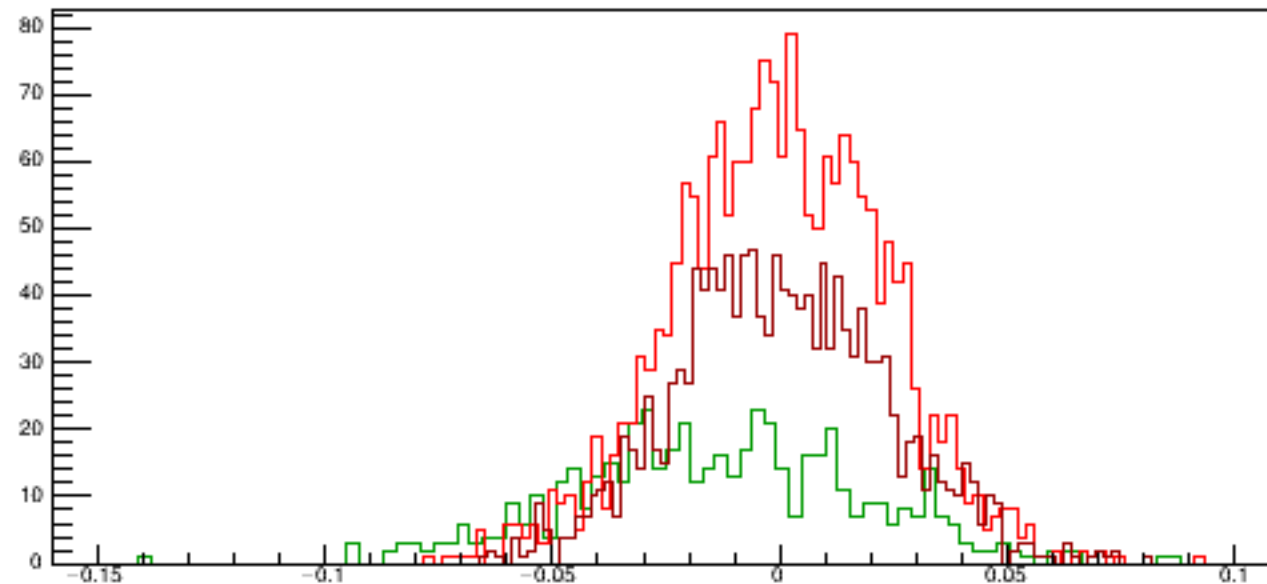
Std Dev: 0.0322 +/- 0.0010

Entries: 1452

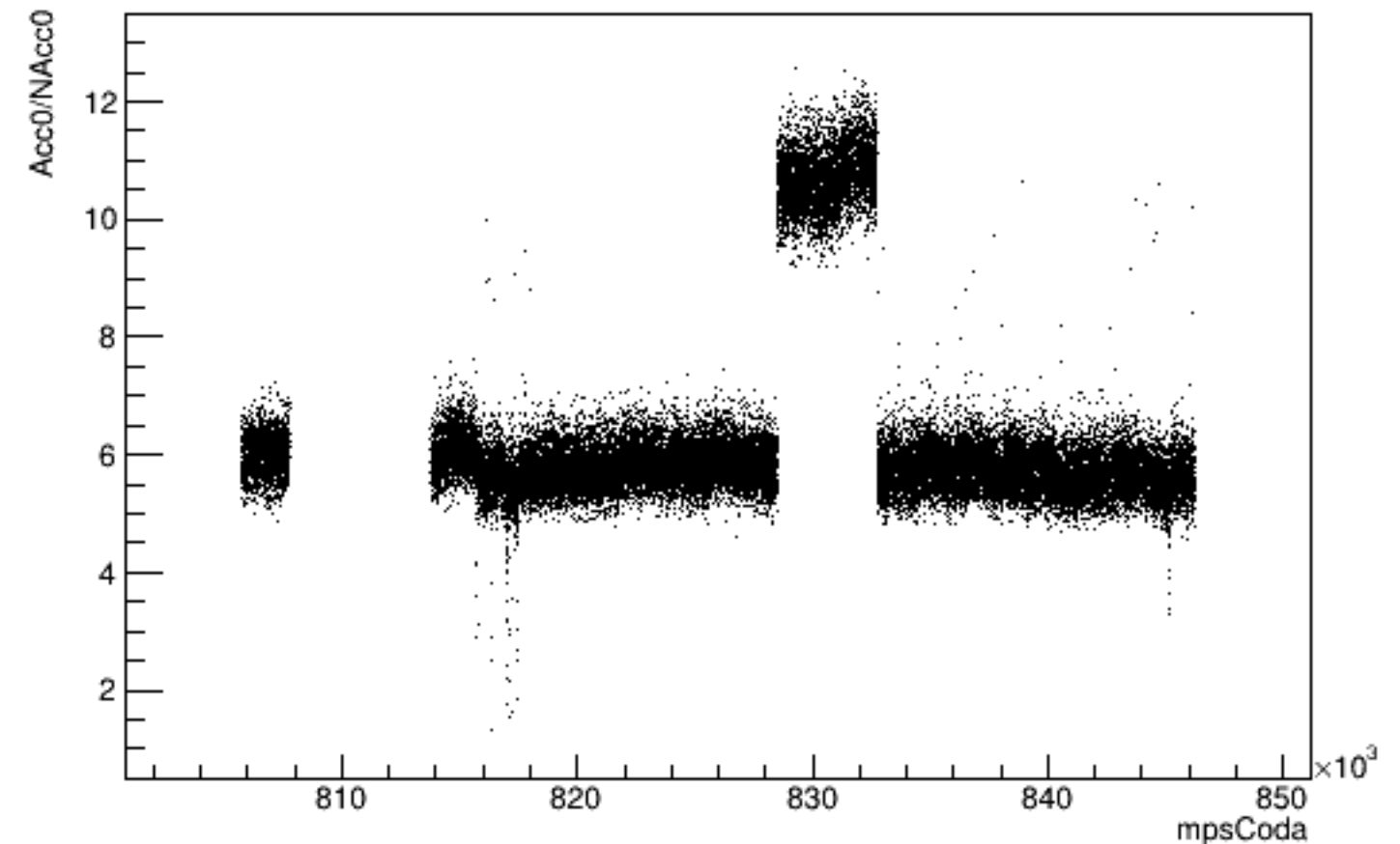
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0232 +/- 0.0004

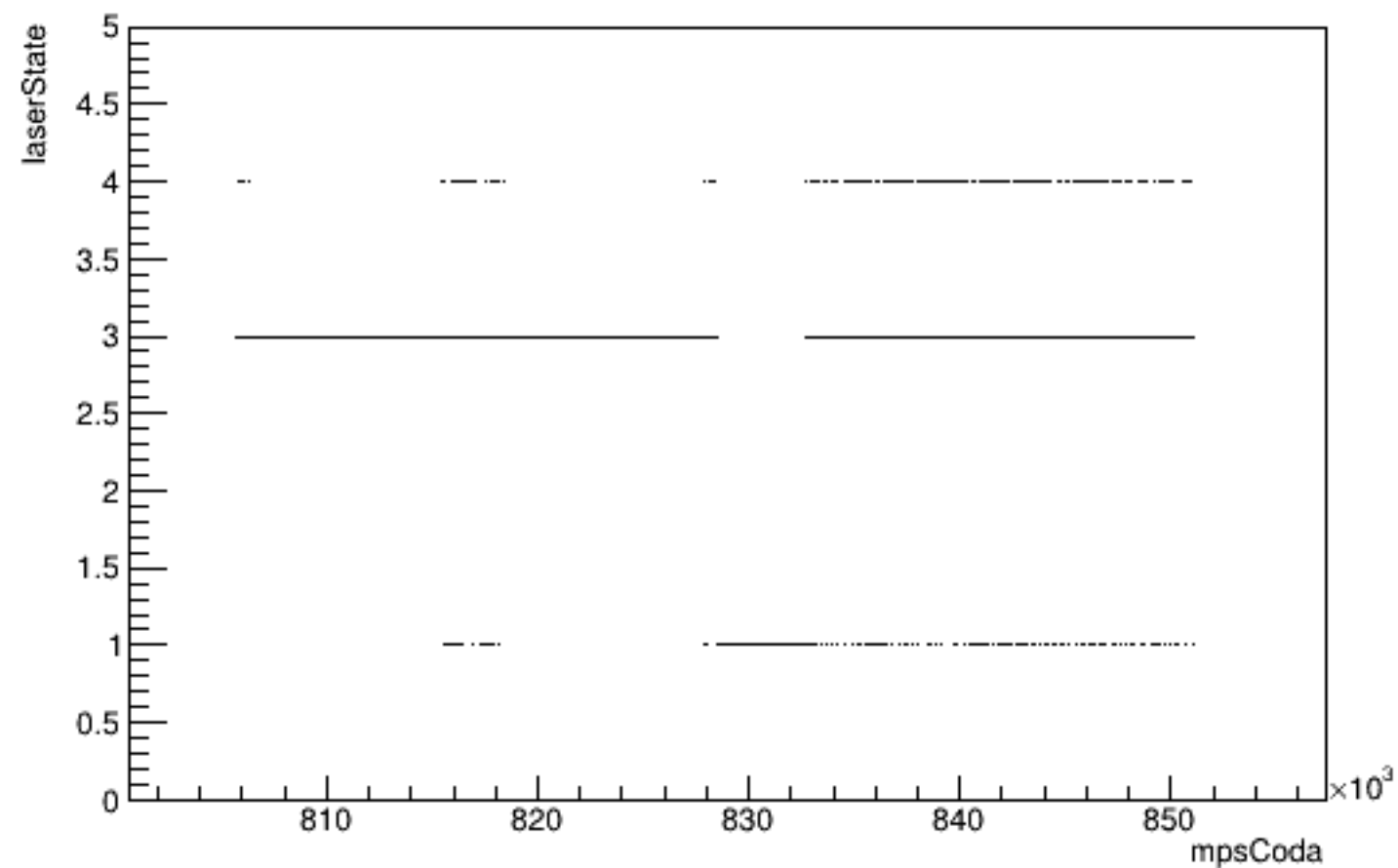
Run 4531 quartetwise, Asyms



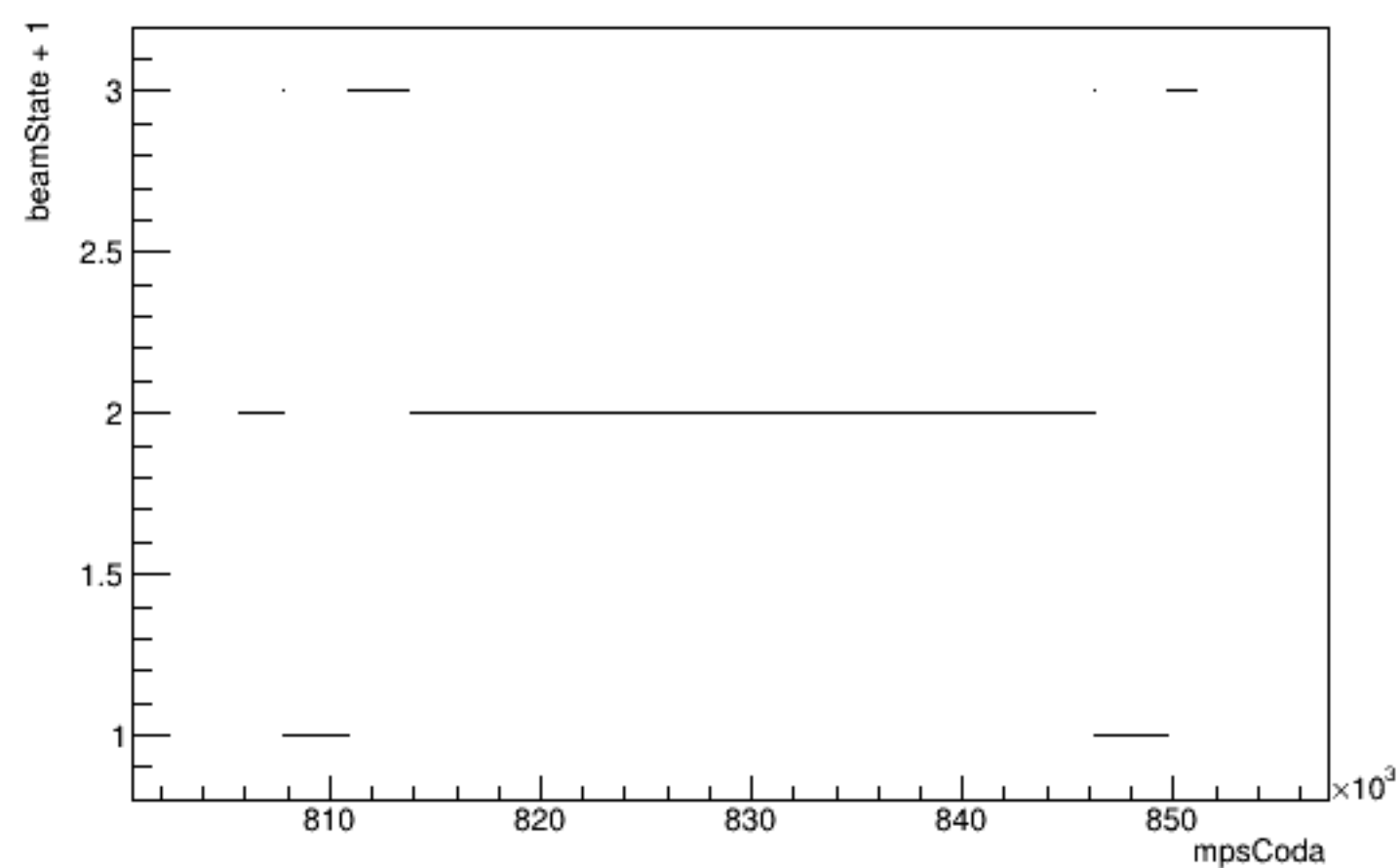
Acc0/NAcc0:mpsCoda {mpsCoda>=805749 && mpsCoda<=851052 && beamState==1}



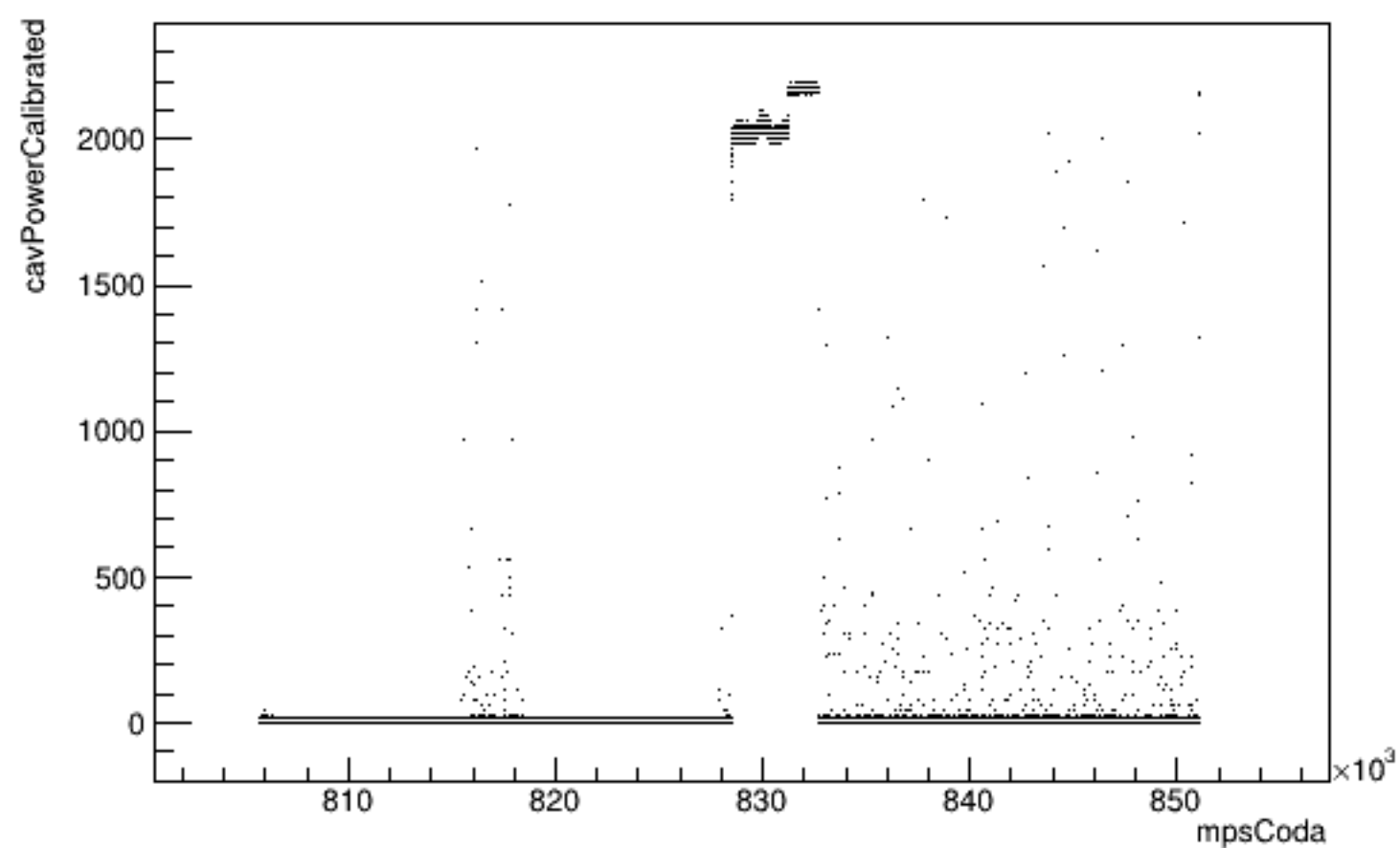
laserState:mpsCoda {mpsCoda>=805749 && mpsCoda<=851052}



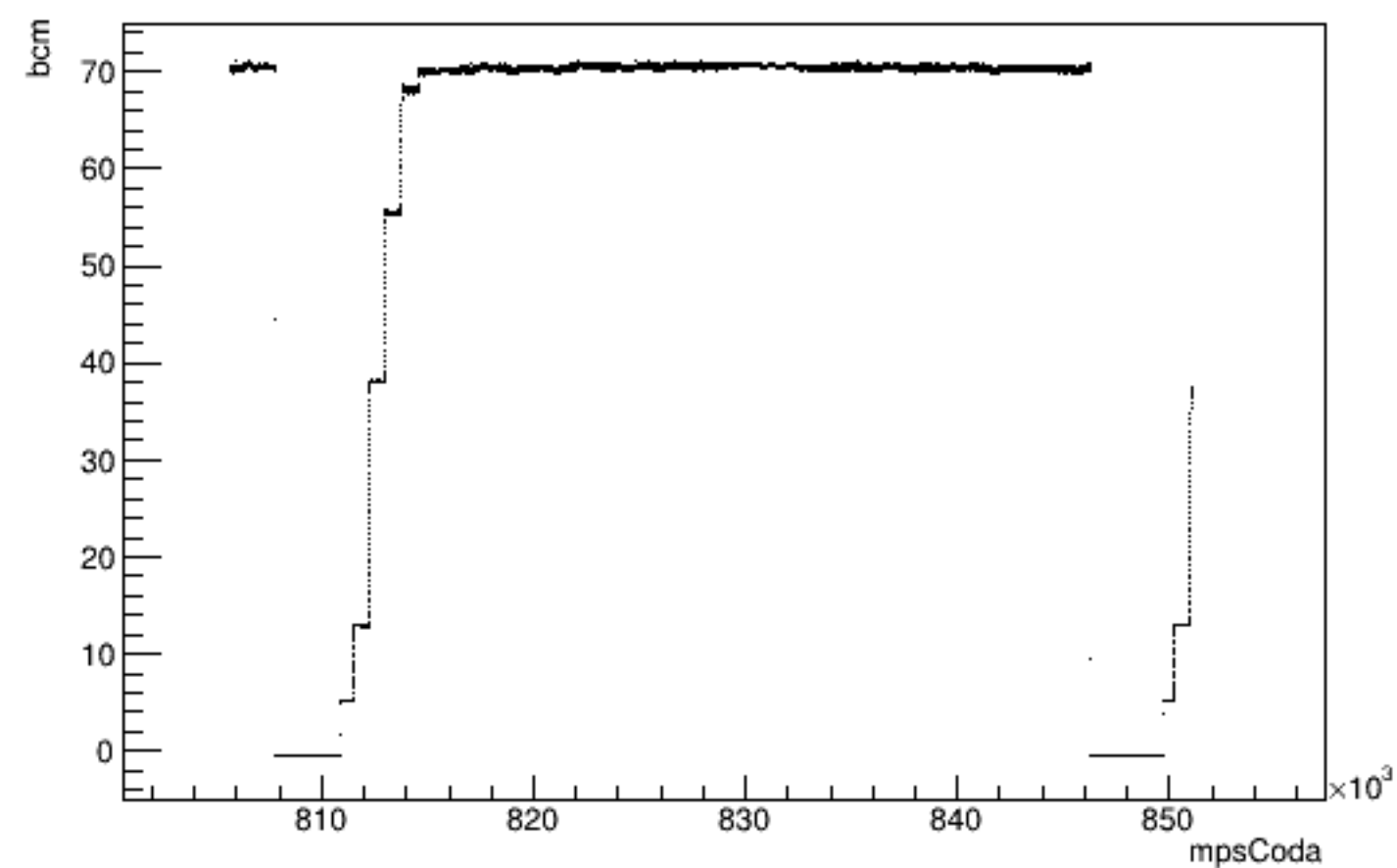
beamState + 1:mpsCoda {mpsCoda>=805749 && mpsCoda<=851052}



cavPowerCalibrated:mpsCoda {mpsCoda>=805749 && mpsCoda<=851052}



bcm:mpsCoda {mpsCoda>=805749 && mpsCoda<=851052}



Cycle 15, Diffs

Entries: 1452

Mean: 0.0025 +/- 0.0060

Std Dev: 0.2302 +/- 0.0043

Entries: 1845

Mean: -0.1464 +/- 0.0072

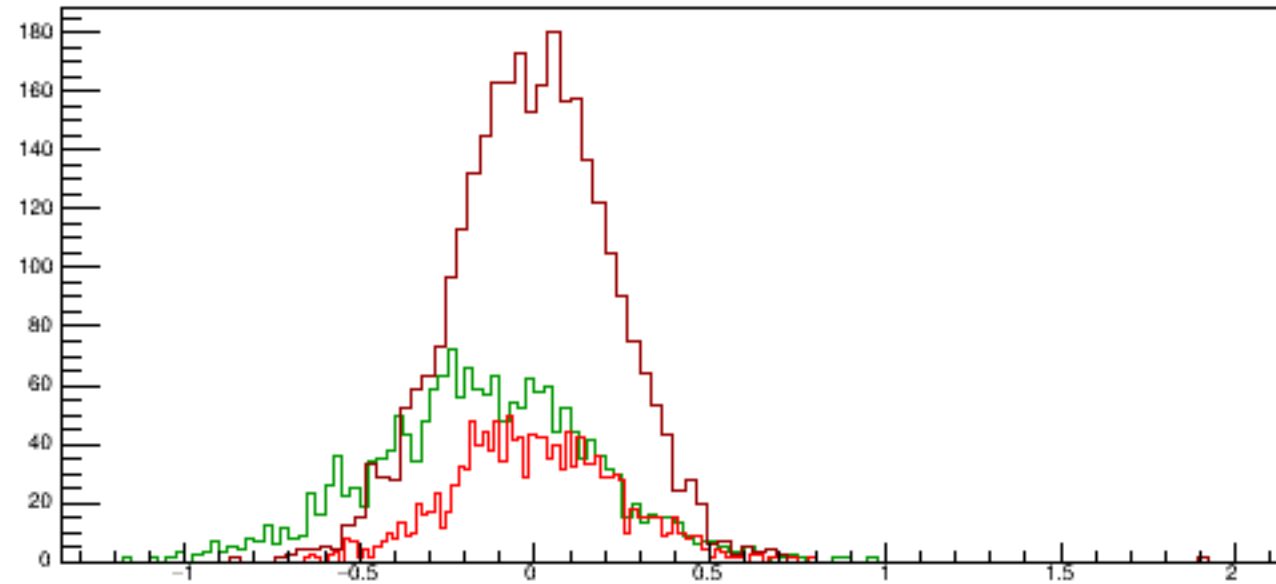
Std Dev: 0.3076 +/- 0.0051

Entries: 2972

Mean: -0.0044 +/- 0.0042

Std Dev: 0.2262 +/- 0.0029

Run 4531 quartetwise, Diffs



Cycle 15, Sums

Entries: 1452

Mean: 11.4059 +/- 0.0082

Std Dev: 0.3121 +/- 0.0058

Entries: 1845

Mean: 21.6366 +/- 0.0098

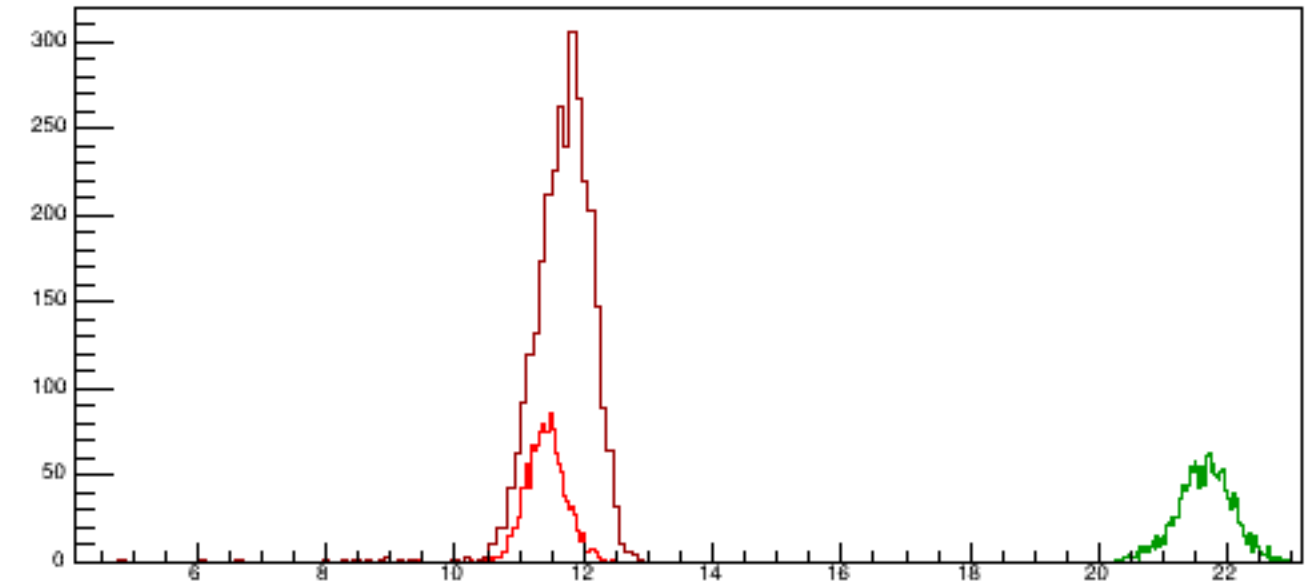
Std Dev: 0.4204 +/- 0.0069

Entries: 2972

Mean: 11.6818 +/- 0.0087

Std Dev: 0.4739 +/- 0.0061

Run 4531 quartetwise, Sums



Cycle 15, Asyms

Entries: 1452

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0228 +/- 0.0004

Entries: 1845

Mean: -0.0145 +/- 0.0007

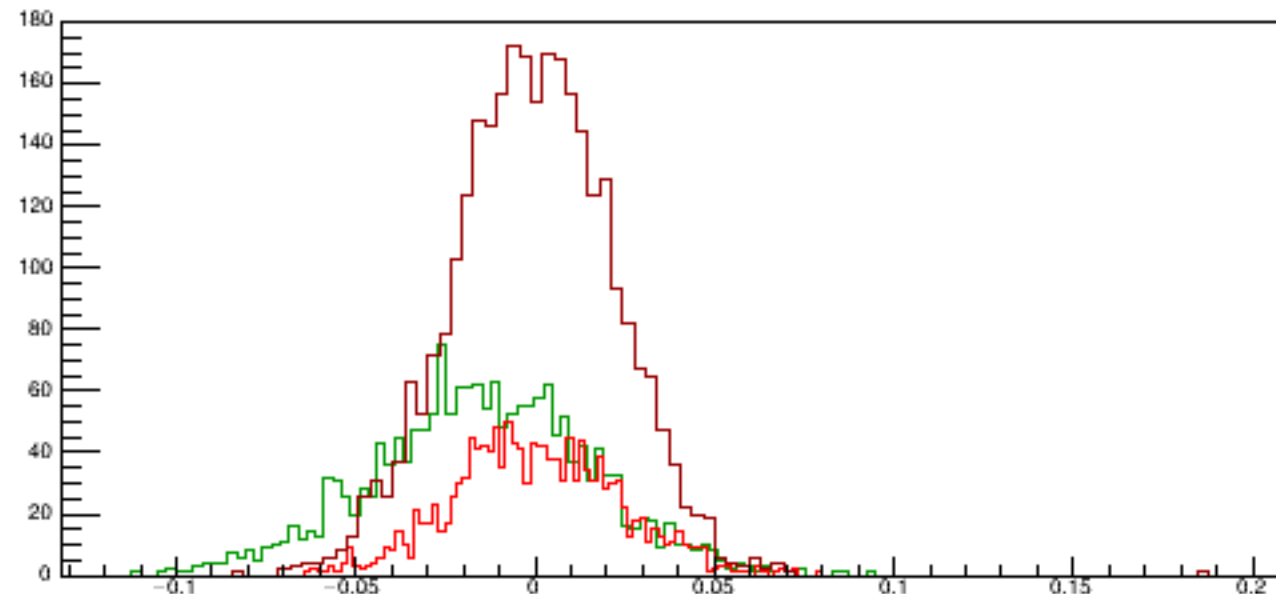
Std Dev: 0.0305 +/- 0.0005

Entries: 2972

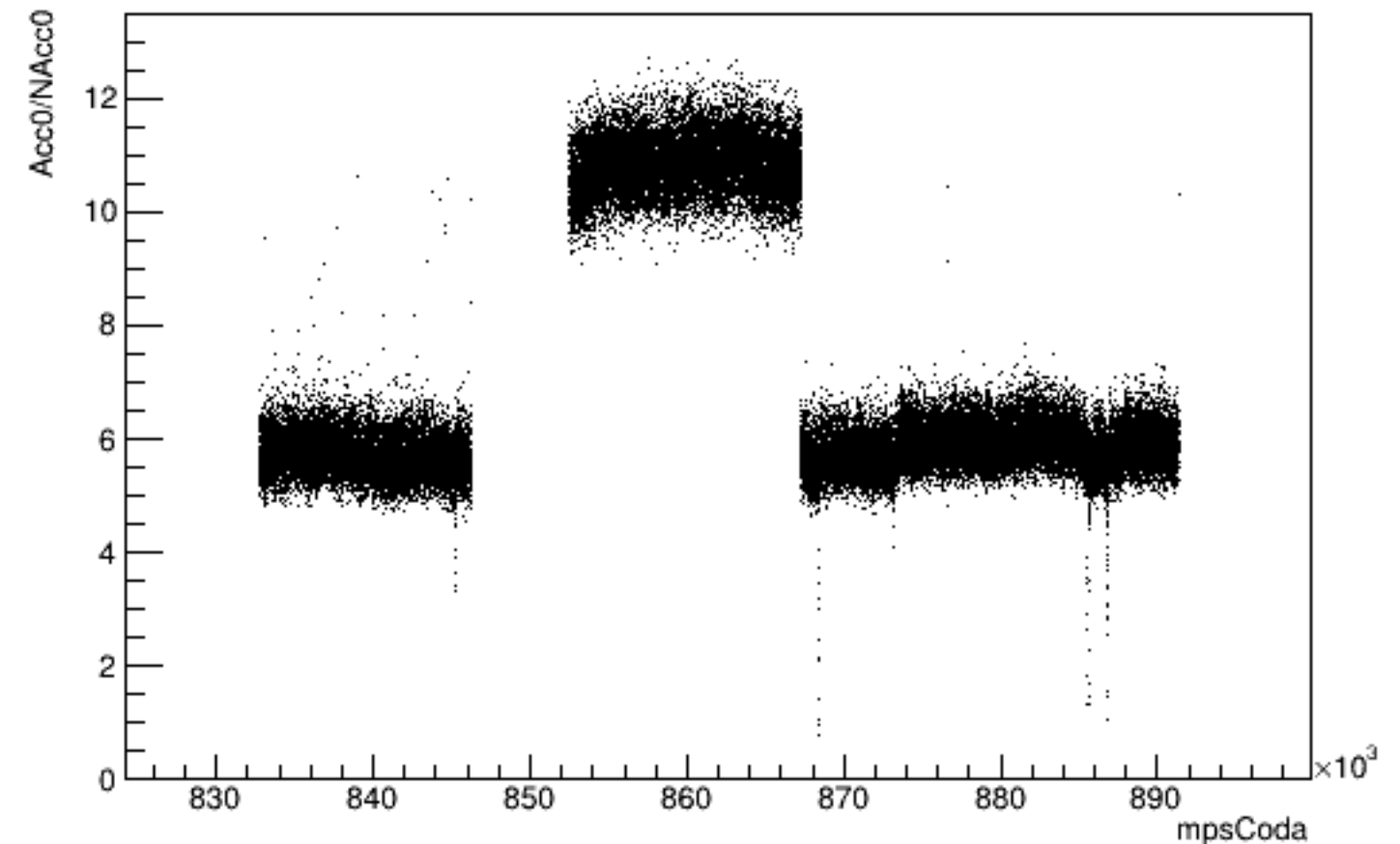
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0224 +/- 0.0003

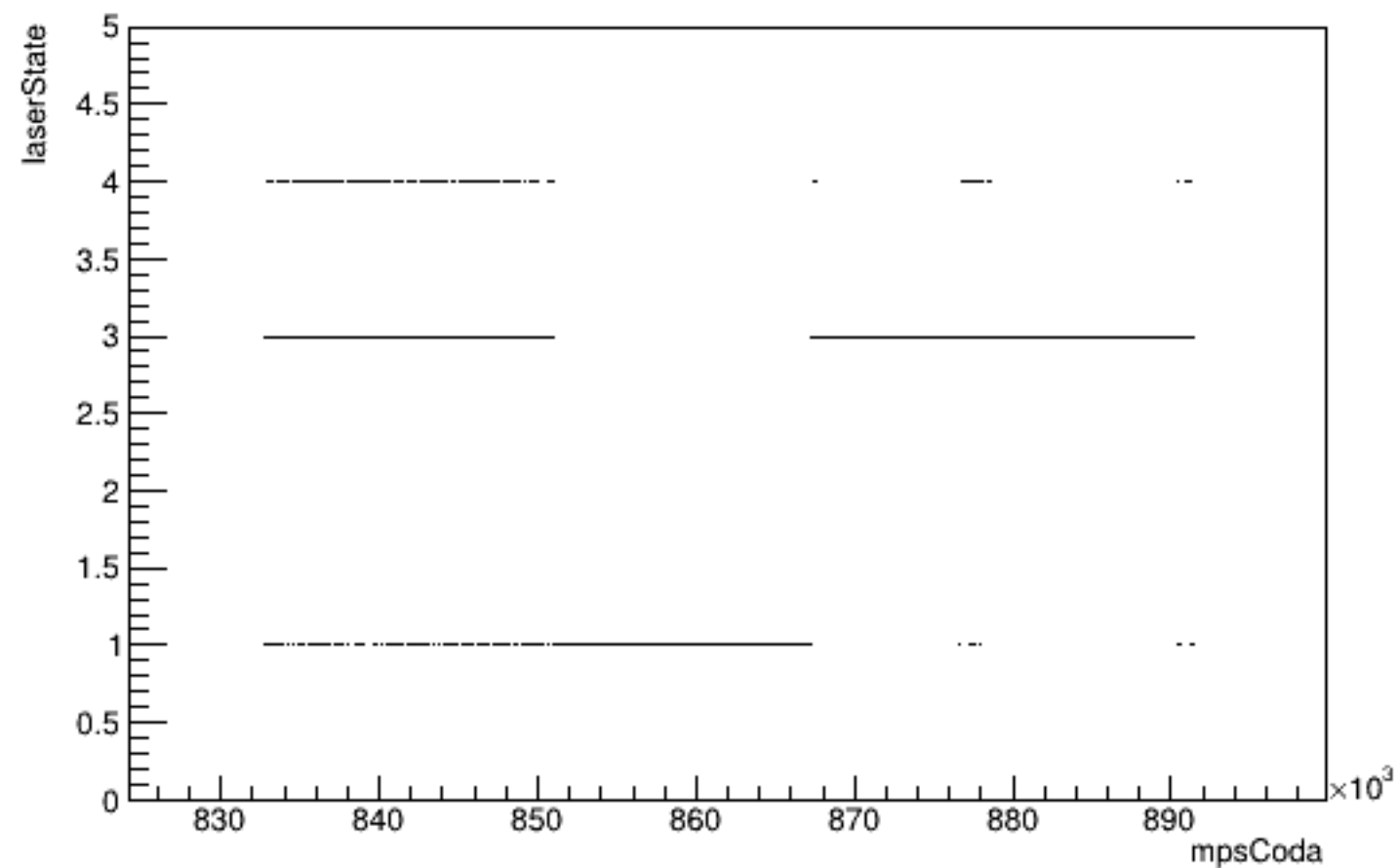
Run 4531 quartetwise, Asyms



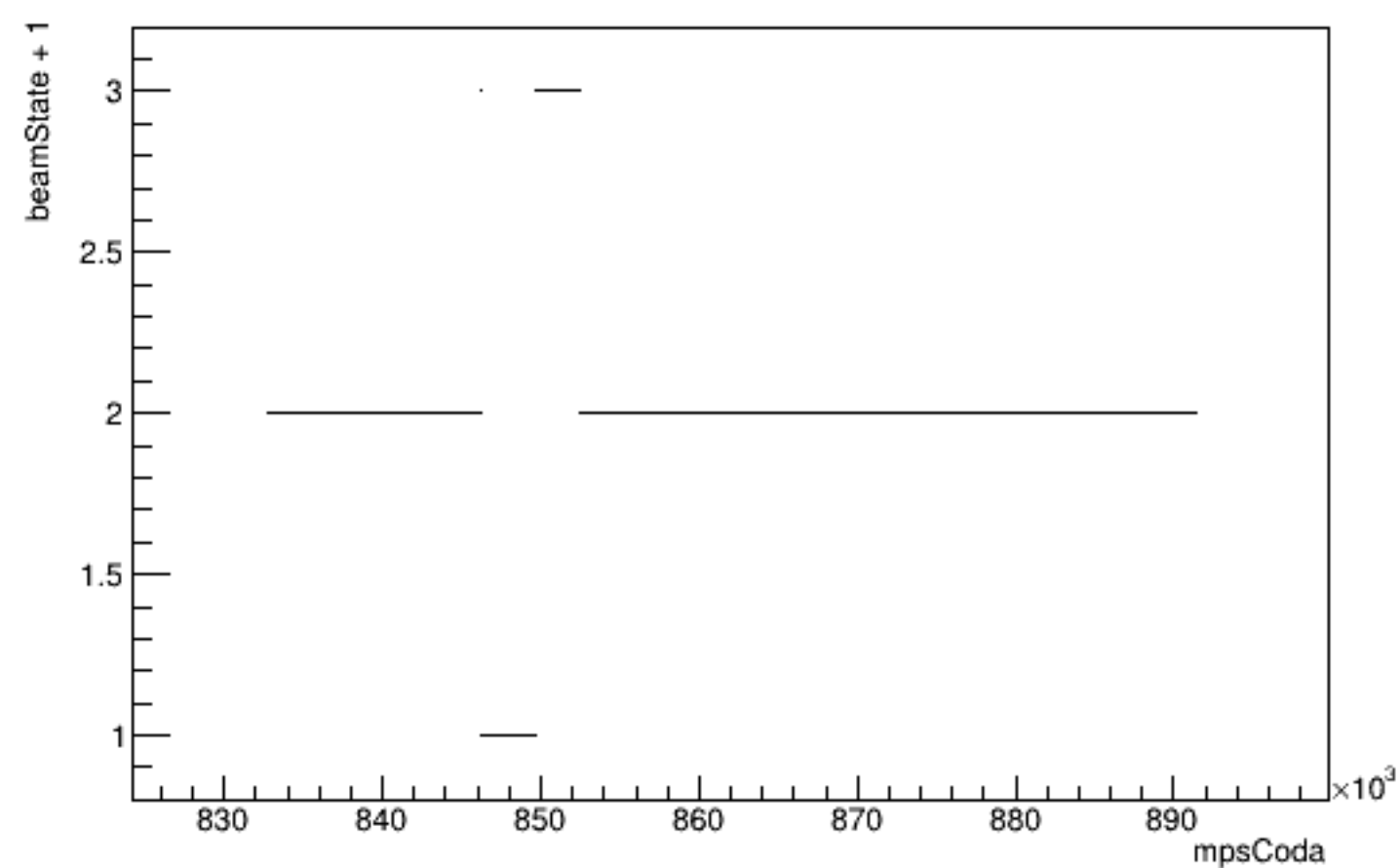
Acc0/NAcc0:mpsCoda {mpsCoda>=832749 && mpsCoda<=891348 && beamState==1}



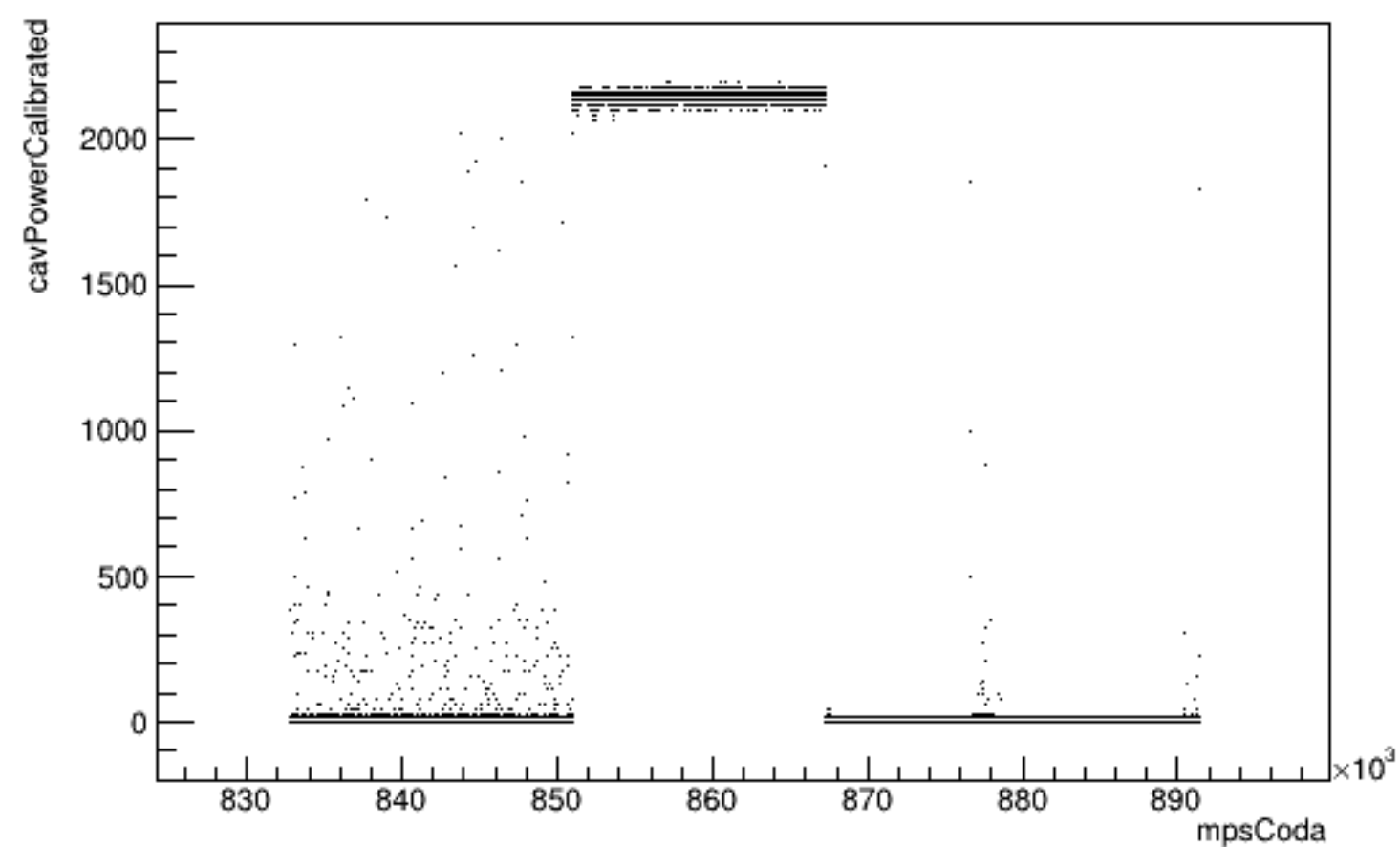
laserState:mpsCoda {mpsCoda>=832749 && mpsCoda<=891348}



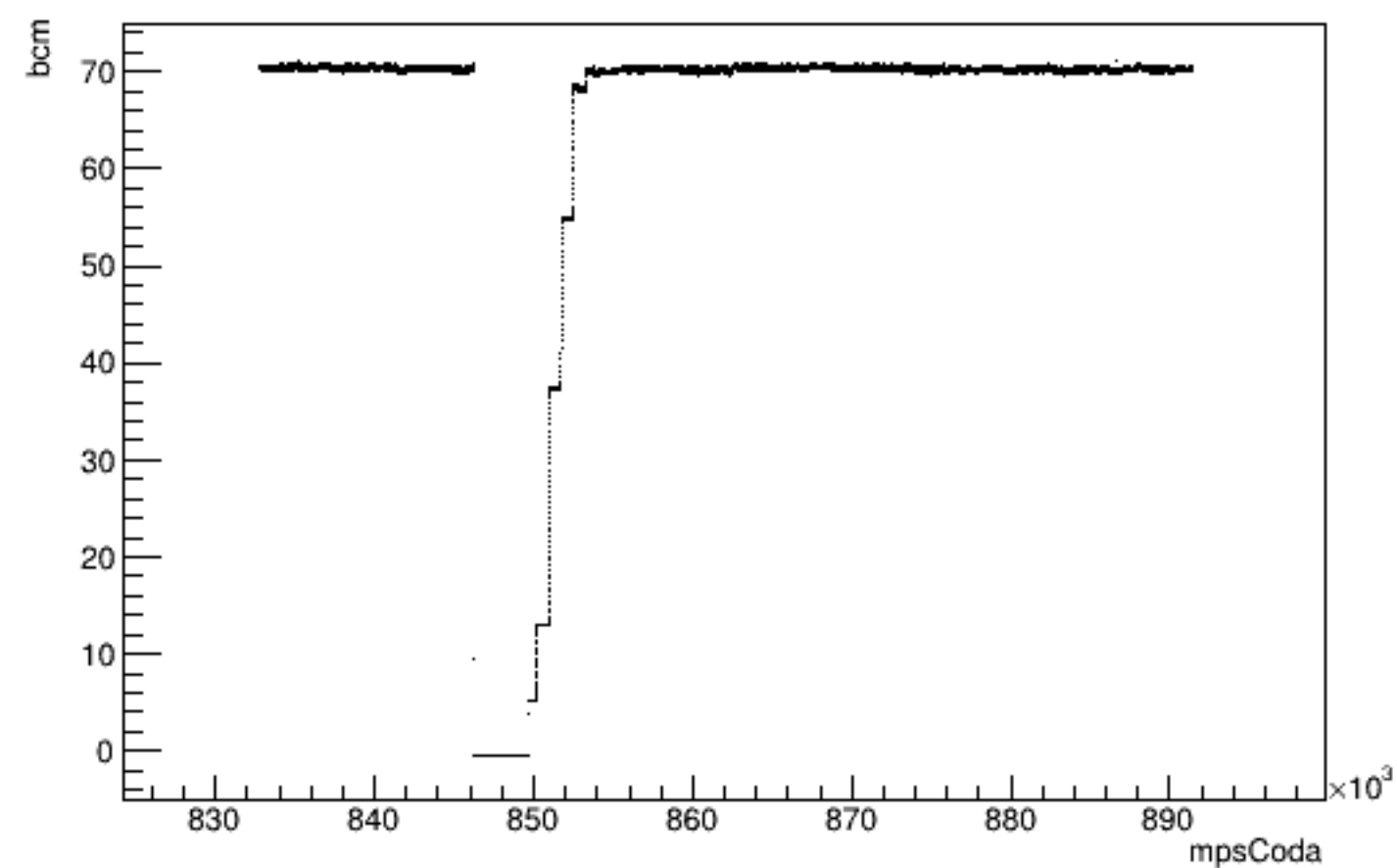
beamState + 1:mpsCoda {mpsCoda>=832749 && mpsCoda<=891348}



cavPowerCalibrated:mpsCoda {mpsCoda>=832749 && mpsCoda<=891348}



bcm:mpsCoda {mpsCoda>=832749 && mpsCoda<=891348}



Cycle 16, Diffs

Entries: 2972

Mean: -0.0044 +/- 0.0042

Std Dev: 0.2262 +/- 0.0029

Entries: 4255

Mean: -0.1551 +/- 0.0049

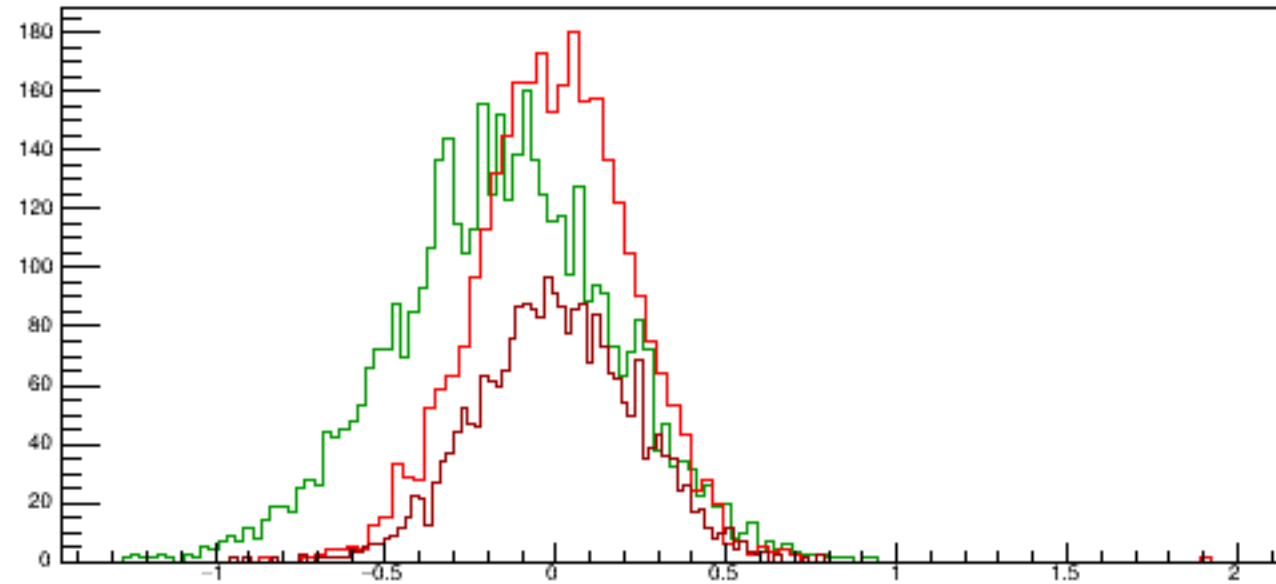
Std Dev: 0.3185 +/- 0.0035

Entries: 2476

Mean: 0.0007 +/- 0.0046

Std Dev: 0.2297 +/- 0.0033

Run 4531 quartetwise, Diffs



Cycle 16, Sums

Entries: 2972

Mean: 11.6818 +/- 0.0087

Std Dev: 0.4739 +/- 0.0061

Entries: 4255

Mean: 22.0021 +/- 0.0058

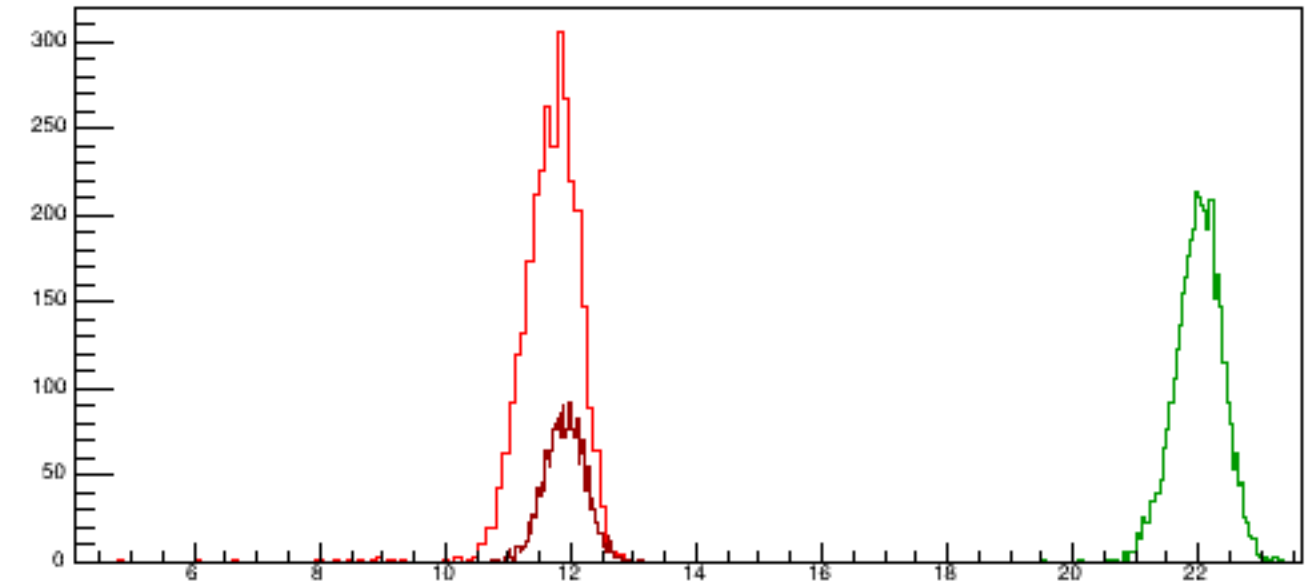
Std Dev: 0.3815 +/- 0.0041

Entries: 2476

Mean: 11.9040 +/- 0.0065

Std Dev: 0.3252 +/- 0.0046

Run 4531 quartetwise, Sums



Cycle 16, Asyms

Entries: 2972

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0222 +/- 0.0003

Entries: 4255

Mean: -0.0152 +/- 0.0005

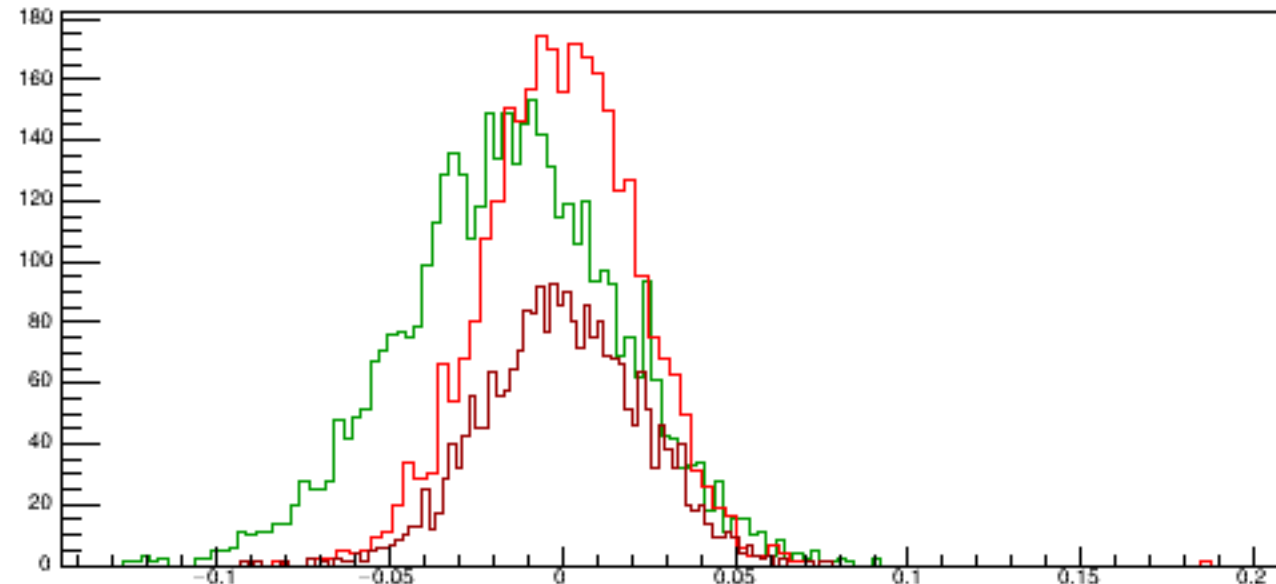
Std Dev: 0.0312 +/- 0.0003

Entries: 2476

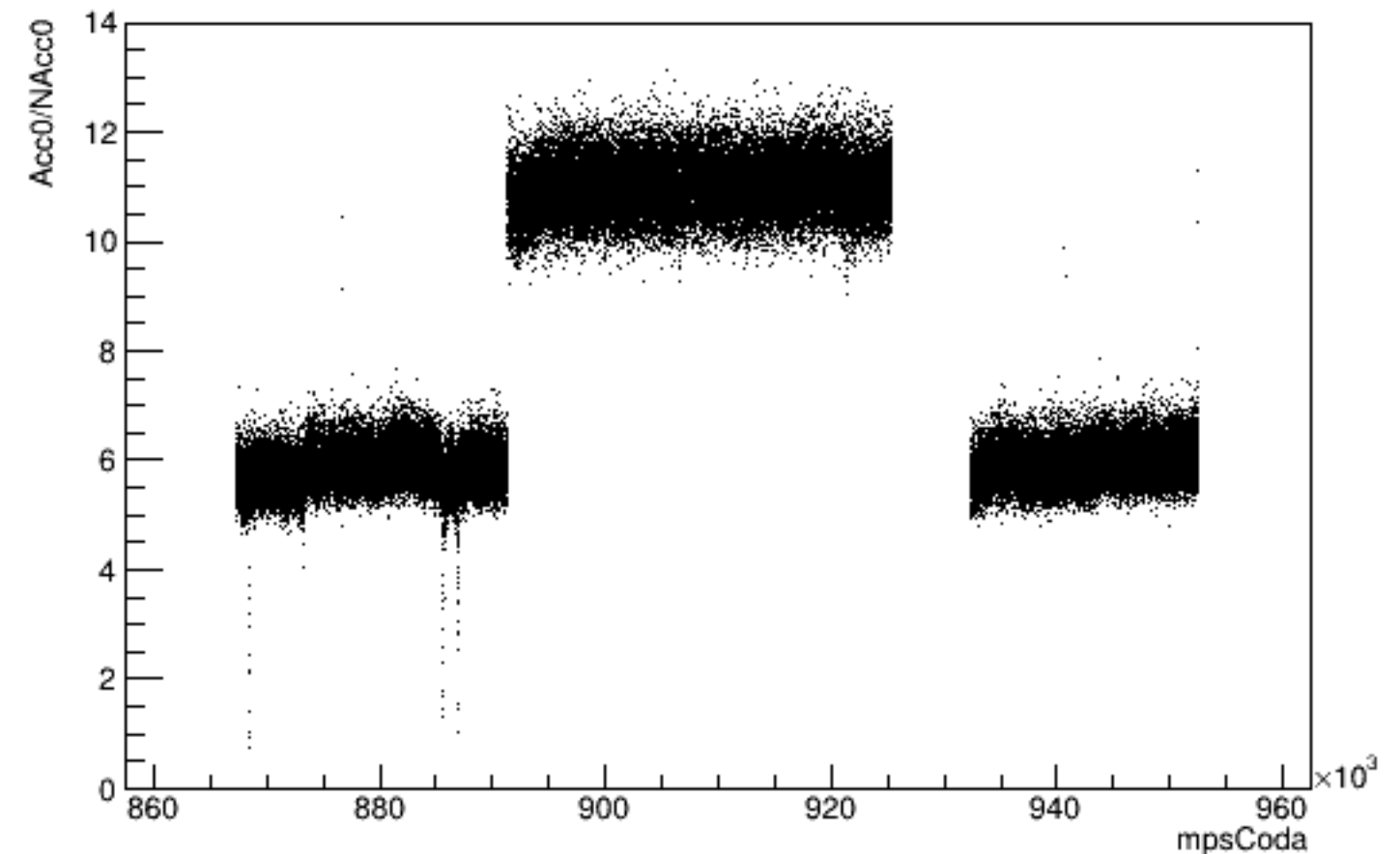
Mean: 0.0001 +/- 0.0005

Std Dev: 0.0225 +/- 0.0003

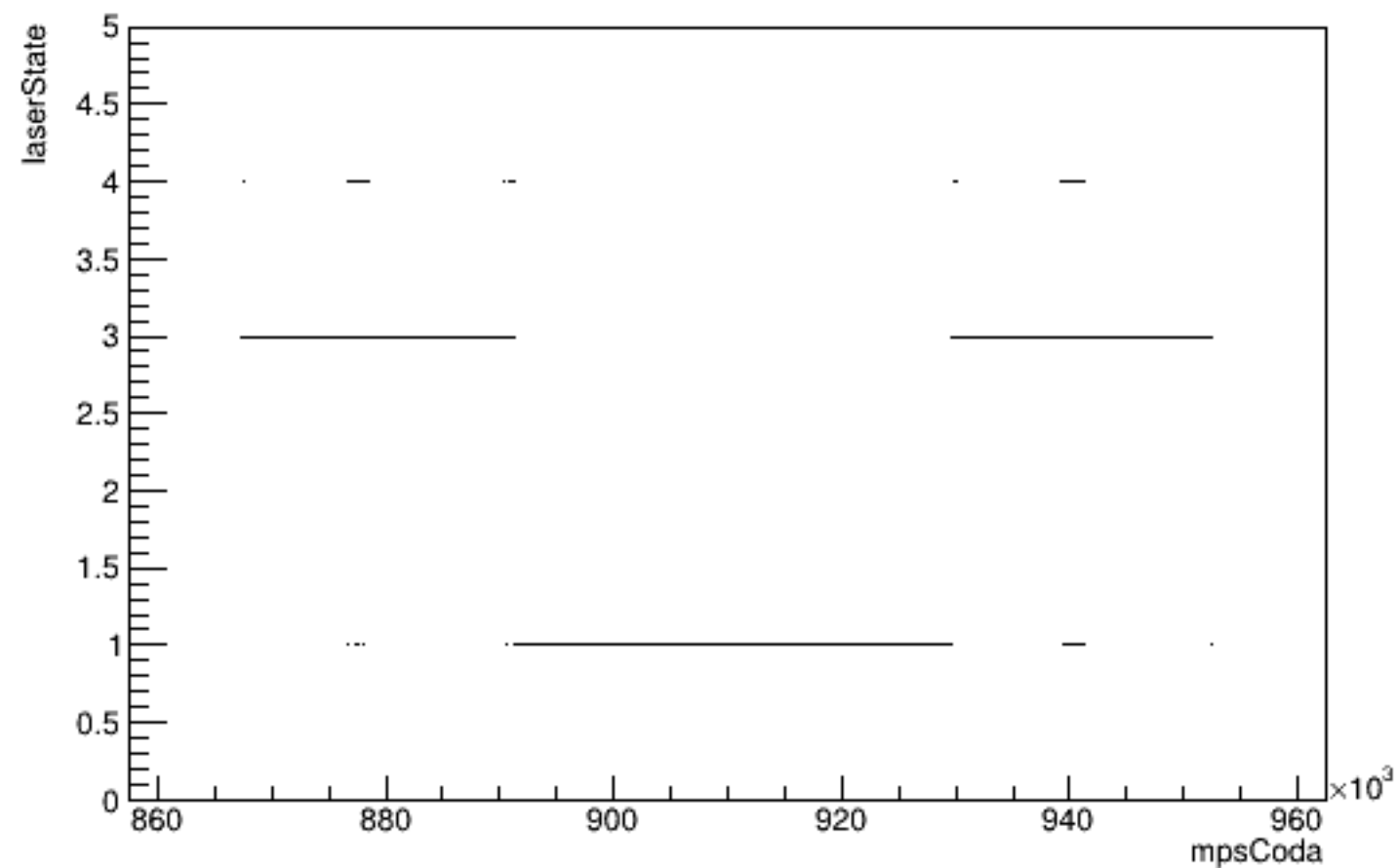
Run 4531 quartetwise, Asyms



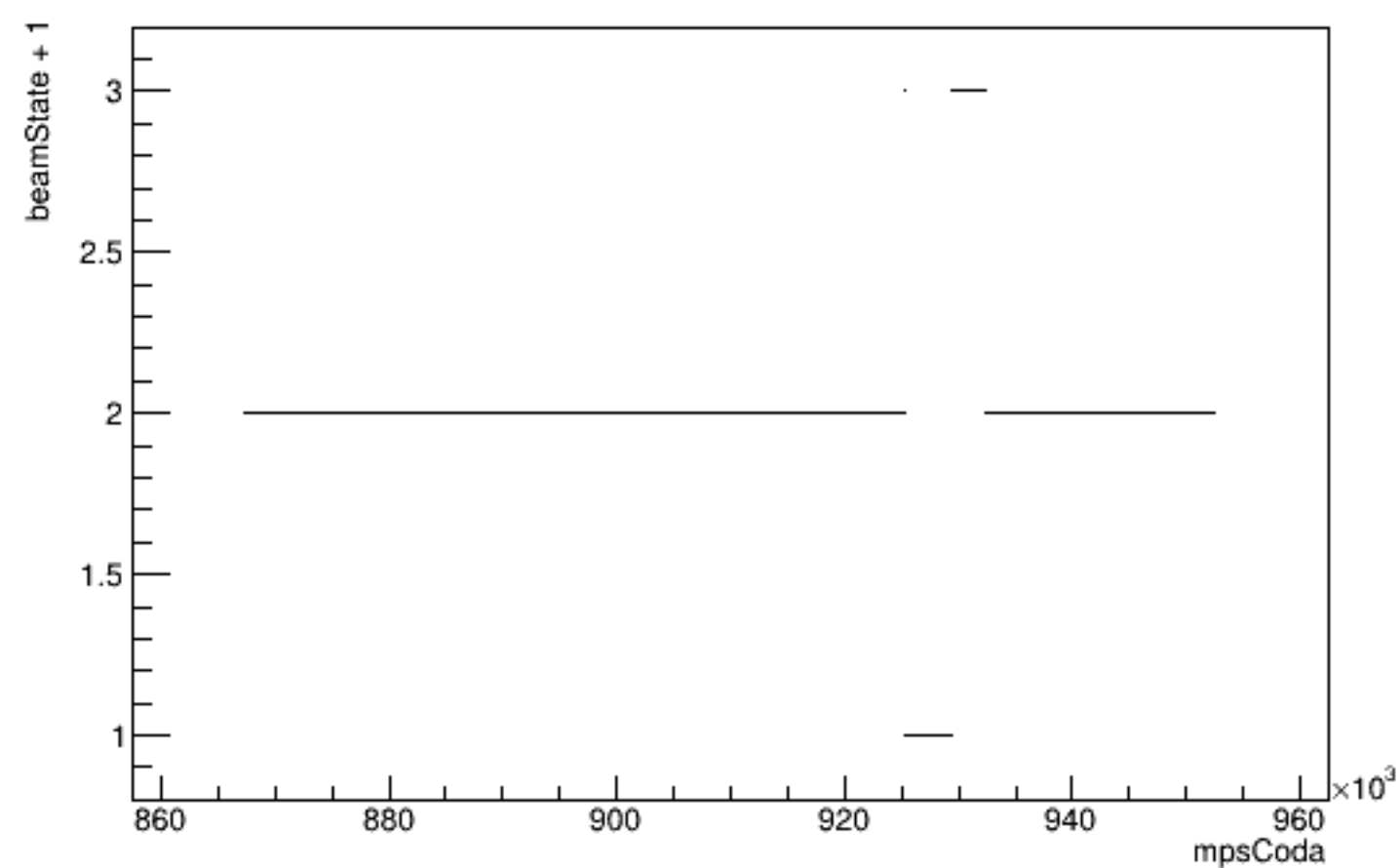
Acc0/NAcc0:mpsCoda {mpsCoda>=867277 && mpsCoda<=952524 && beamState==1}



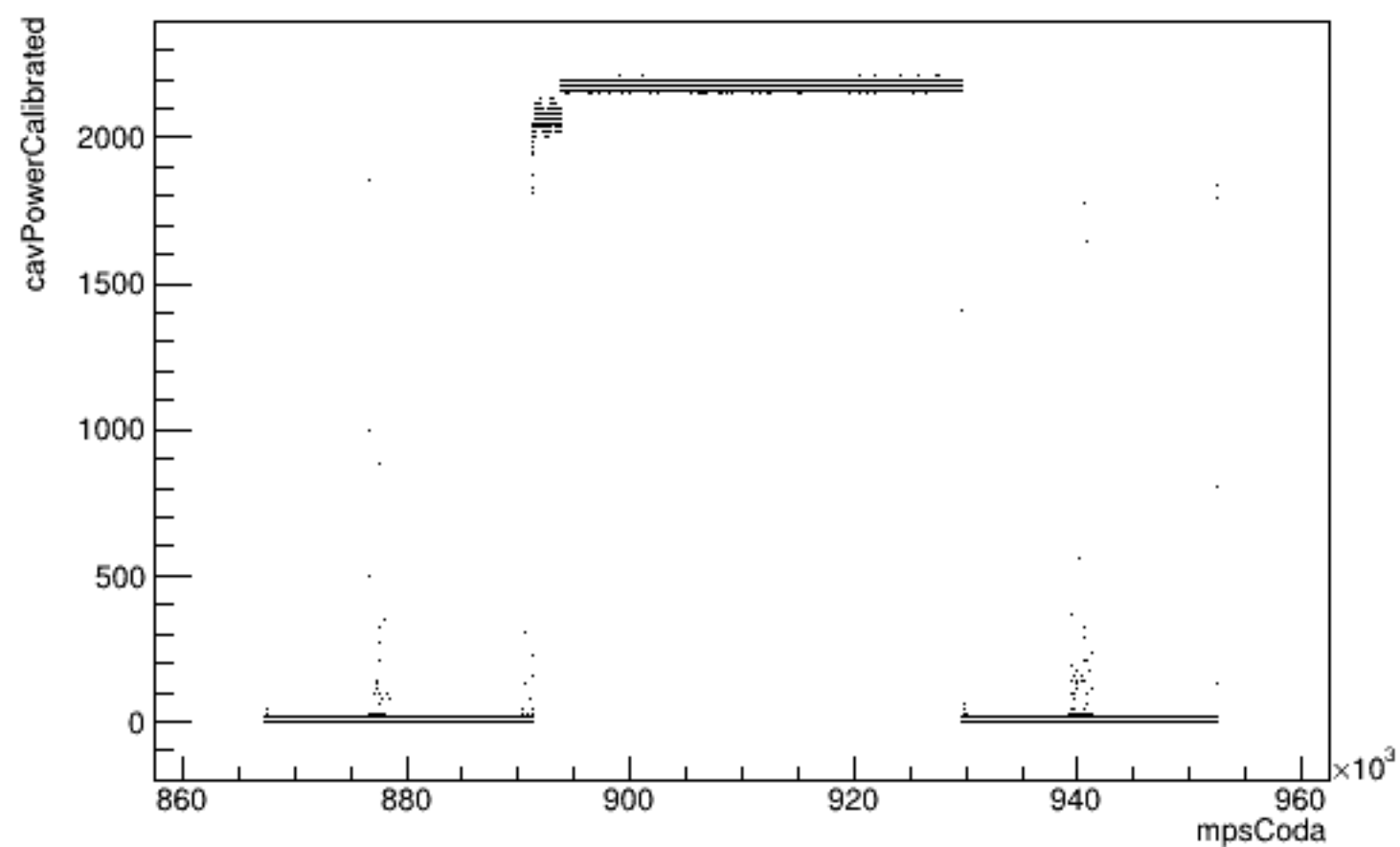
laserState:mpsCoda {mpsCoda>=867277 && mpsCoda<=952524}



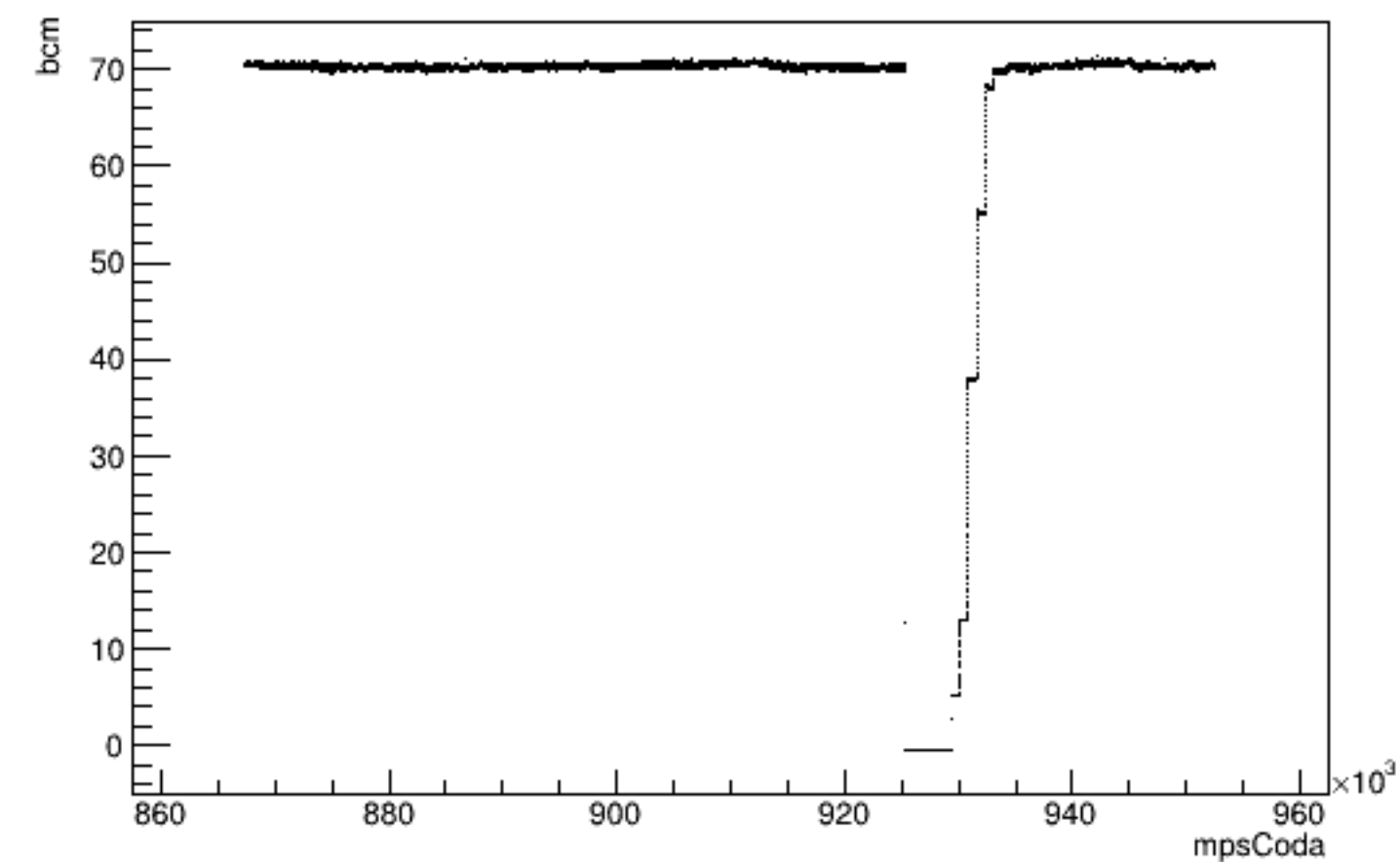
beamState + 1:mpsCoda {mpsCoda>=867277 && mpsCoda<=952524}



cavPowerCalibrated:mpsCoda {mpsCoda>=867277 && mpsCoda<=952524}



bcm:mpsCoda {mpsCoda>=867277 && mpsCoda<=952524}



Cycle 17, Diffs

Entries: 2476

Mean: 0.0007 +/- 0.0046

Std Dev: 0.2297 +/- 0.0033

Entries: 4828

Mean: -0.1537 +/- 0.0047

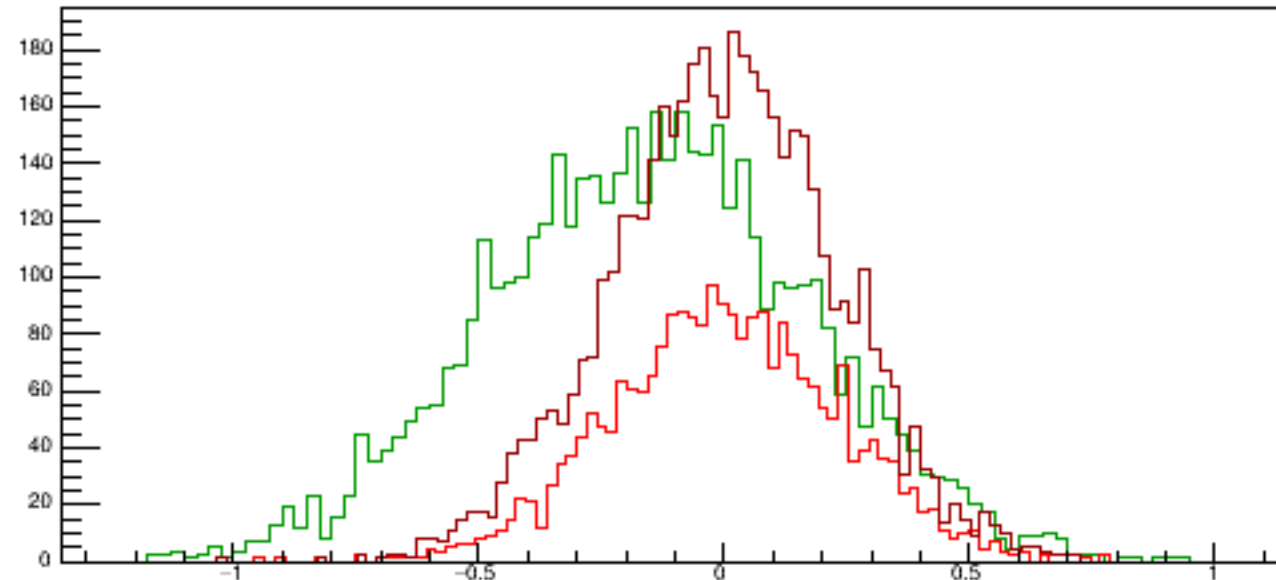
Std Dev: 0.3235 +/- 0.0033

Entries: 4843

Mean: 0.0002 +/- 0.0033

Std Dev: 0.2286 +/- 0.0023

Run 4531 quartetwise, Diffs



Cycle 17, Sums

Entries: 2476

Mean: 11.9040 +/- 0.0065

Std Dev: 0.3252 +/- 0.0046

Entries: 4828

Mean: 22.0475 +/- 0.0055

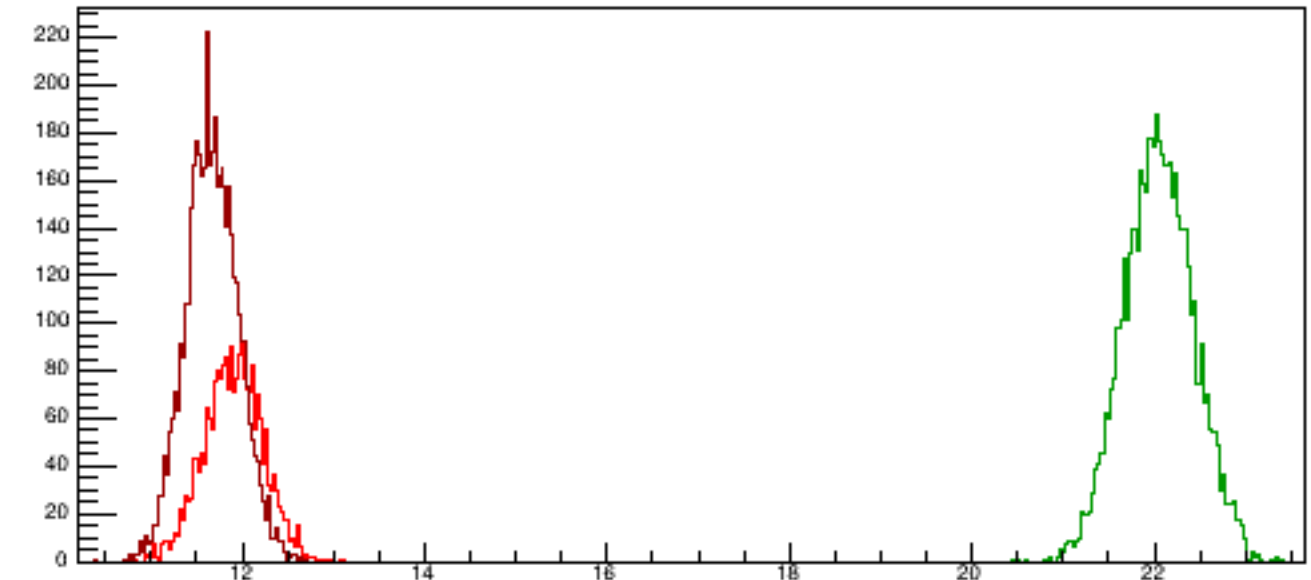
Std Dev: 0.3840 +/- 0.0039

Entries: 4843

Mean: 11.6692 +/- 0.0041

Std Dev: 0.2885 +/- 0.0029

Run 4531 quartetwise, Sums



Cycle 17, Asyms

Entries: 2476

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0224 +/- 0.0003

Entries: 4828

Mean: -0.0150 +/- 0.0005

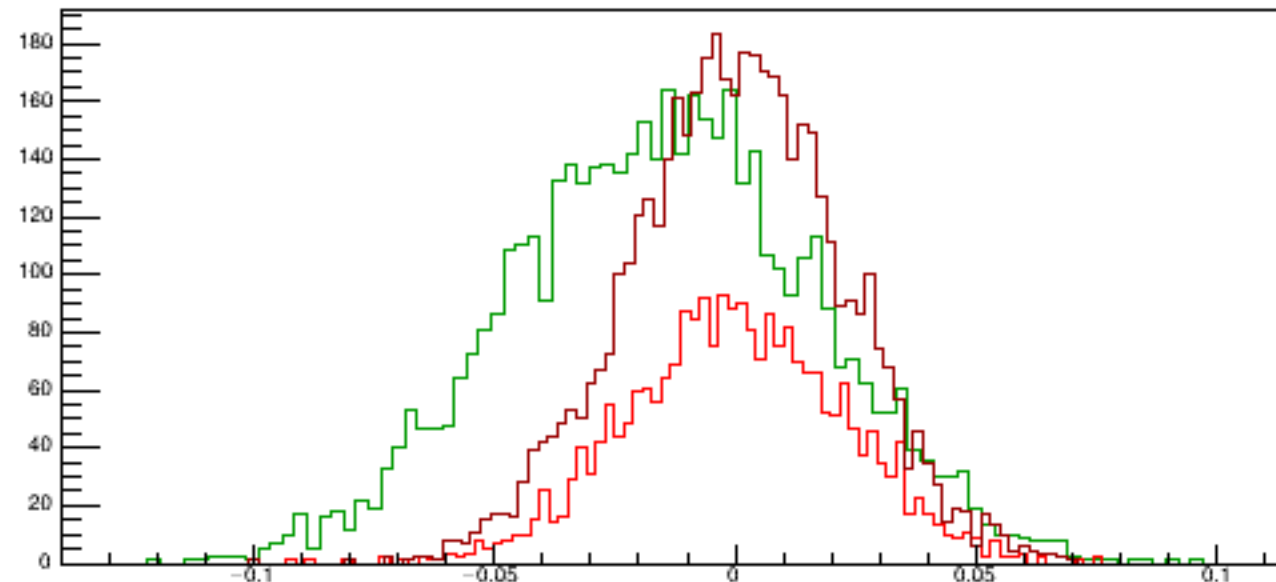
Std Dev: 0.0315 +/- 0.0003

Entries: 4843

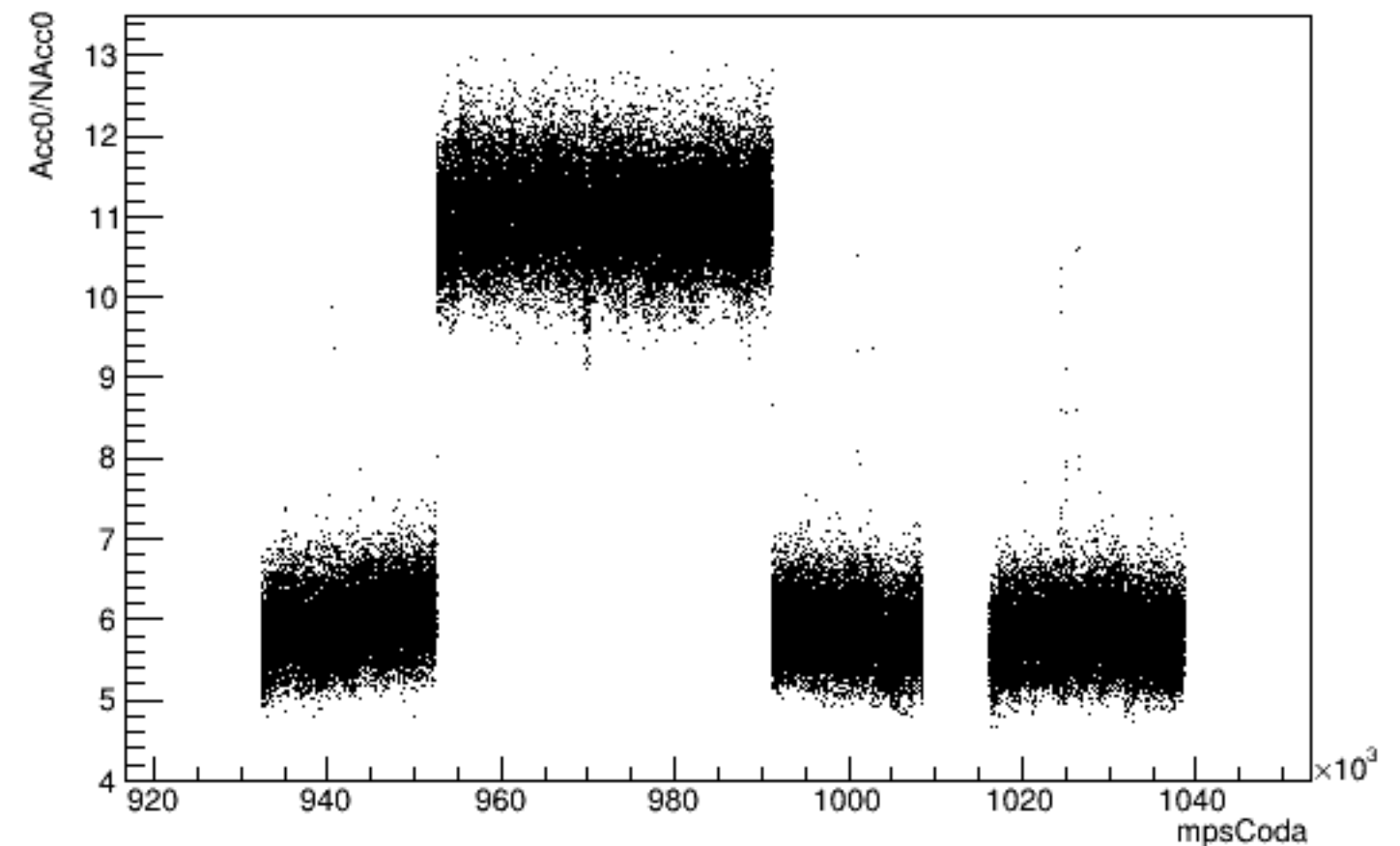
Mean: 0.0000 +/- 0.0003

Std Dev: 0.0223 +/- 0.0002

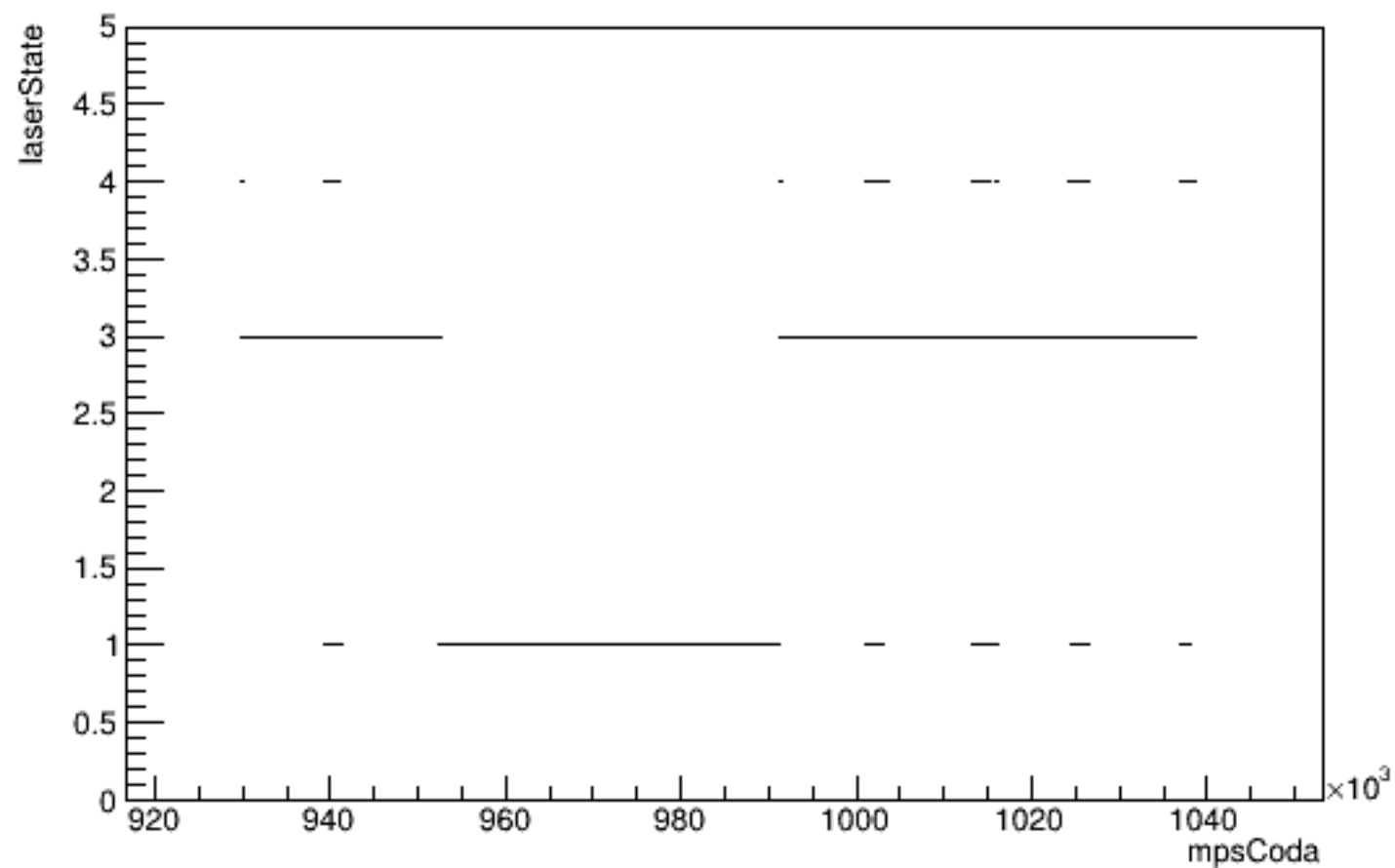
Run 4531 quartetwise, Asyms



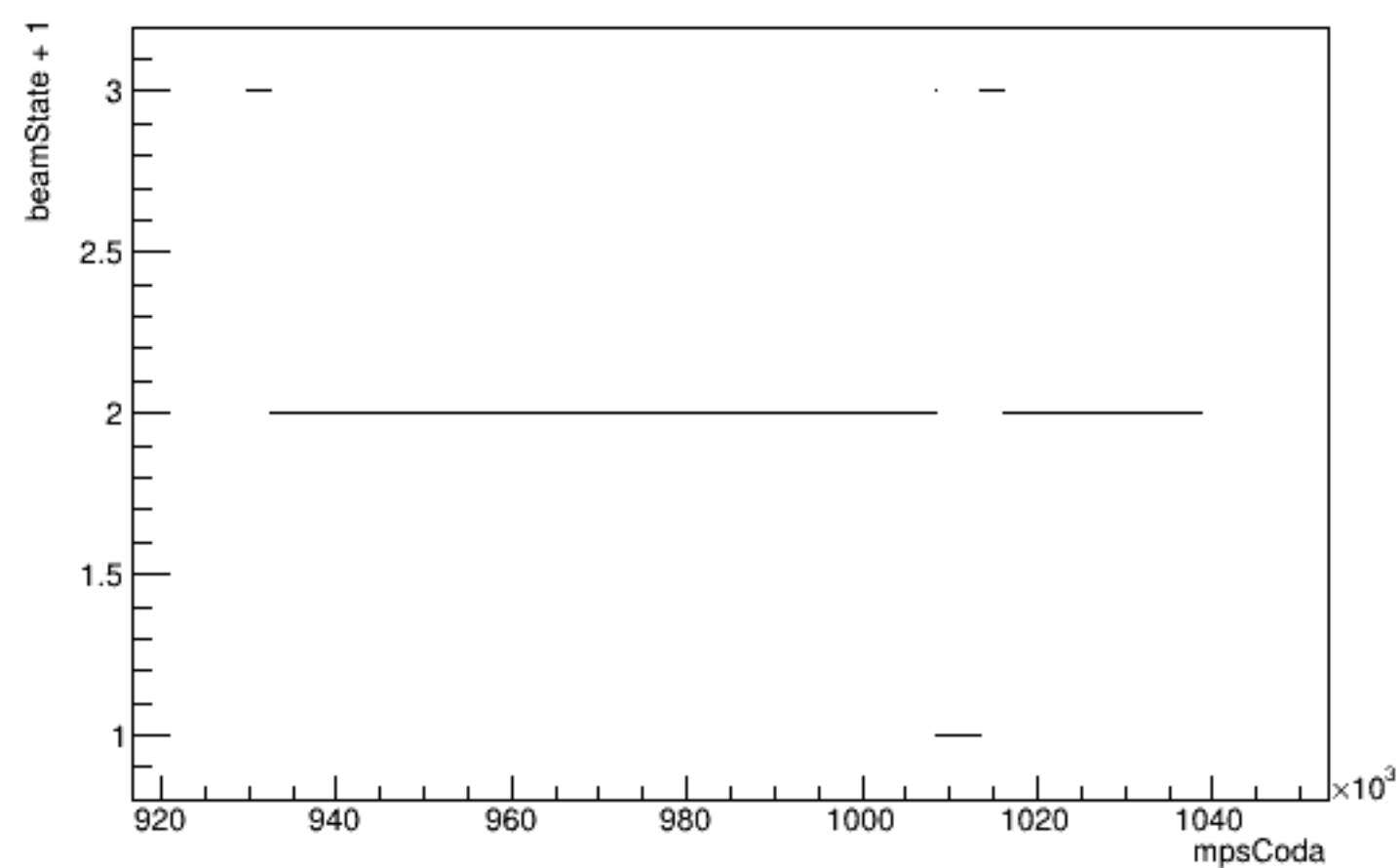
Acc0/NAcc0:mpsCoda (mpsCoda>=929749 && mpsCoda<=1038620 && beamState==1)



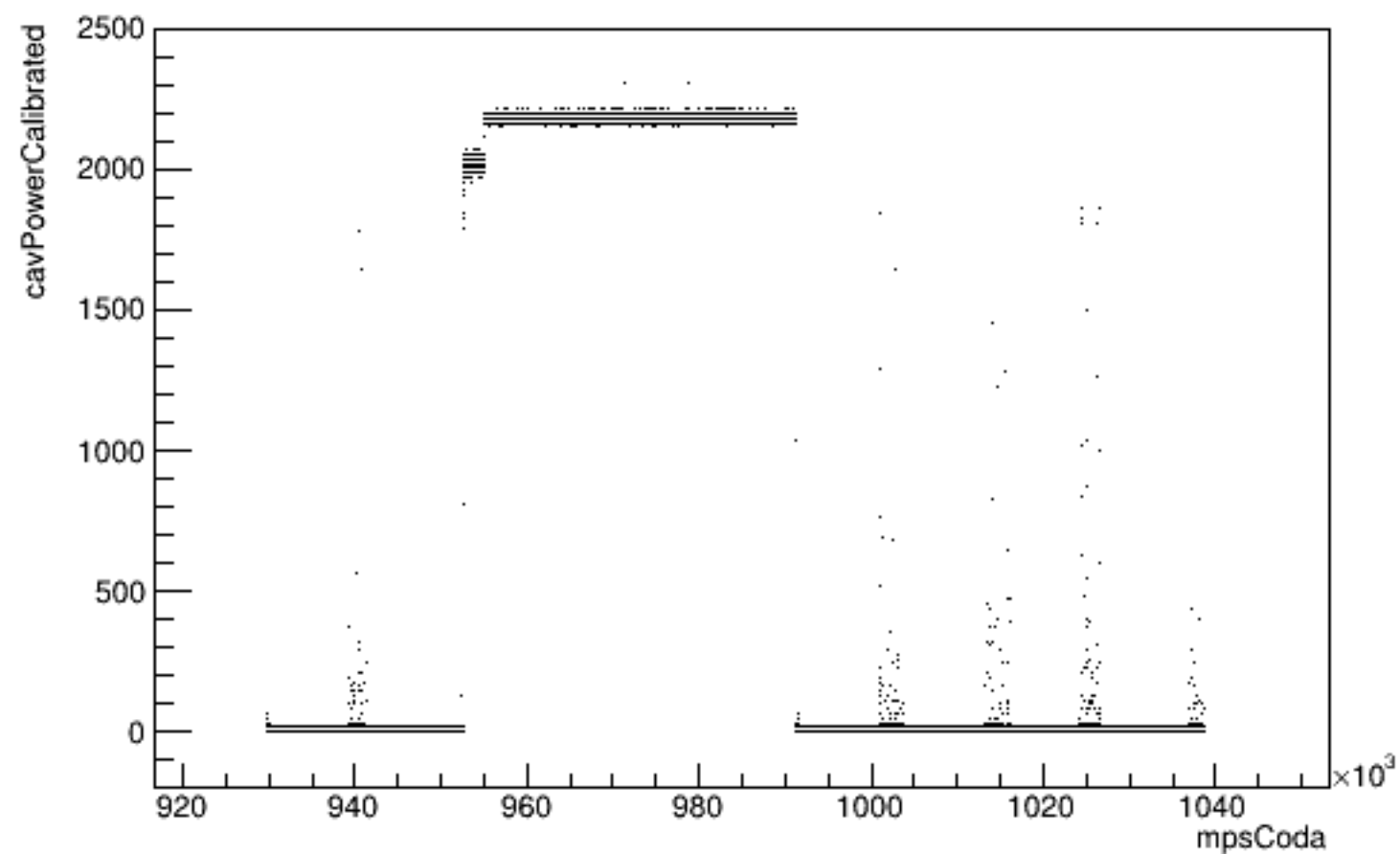
laserState:mpsCoda {mpsCoda>=929749 && mpsCoda<=1038620}



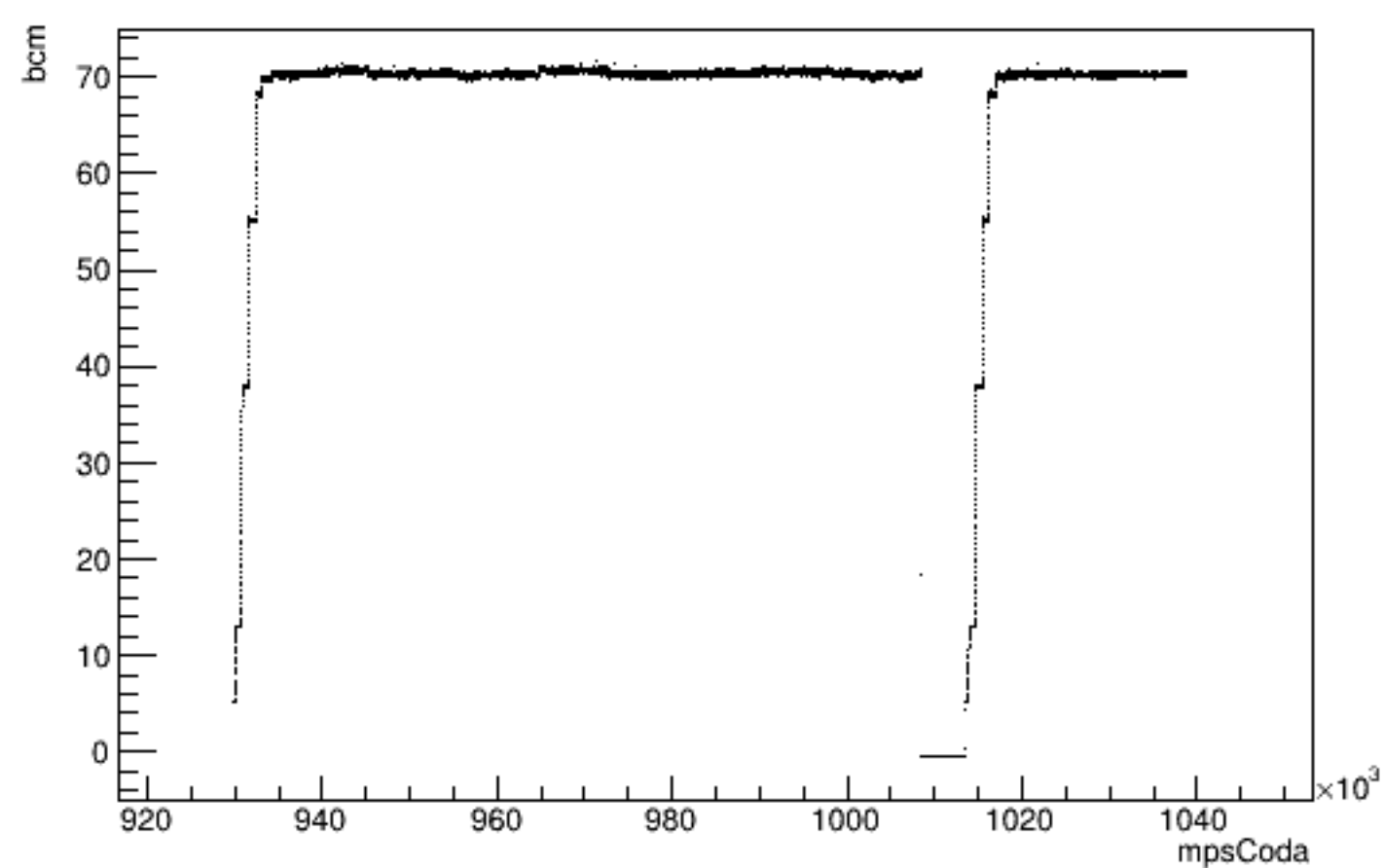
beamState + 1:mpsCoda {mpsCoda>=929749 && mpsCoda<=1038620}



cavPowerCalibrated:mpsCoda {mpsCoda>=929749 && mpsCoda<=1038620}



bcm:mpsCoda {mpsCoda>=929749 && mpsCoda<=1038620}



Cycle 18, Diffs

Entries: 4843

Mean: 0.0002 +/- 0.0033

Std Dev: 0.2286 +/- 0.0023

Entries: 4749

Mean: -0.1543 +/- 0.0045

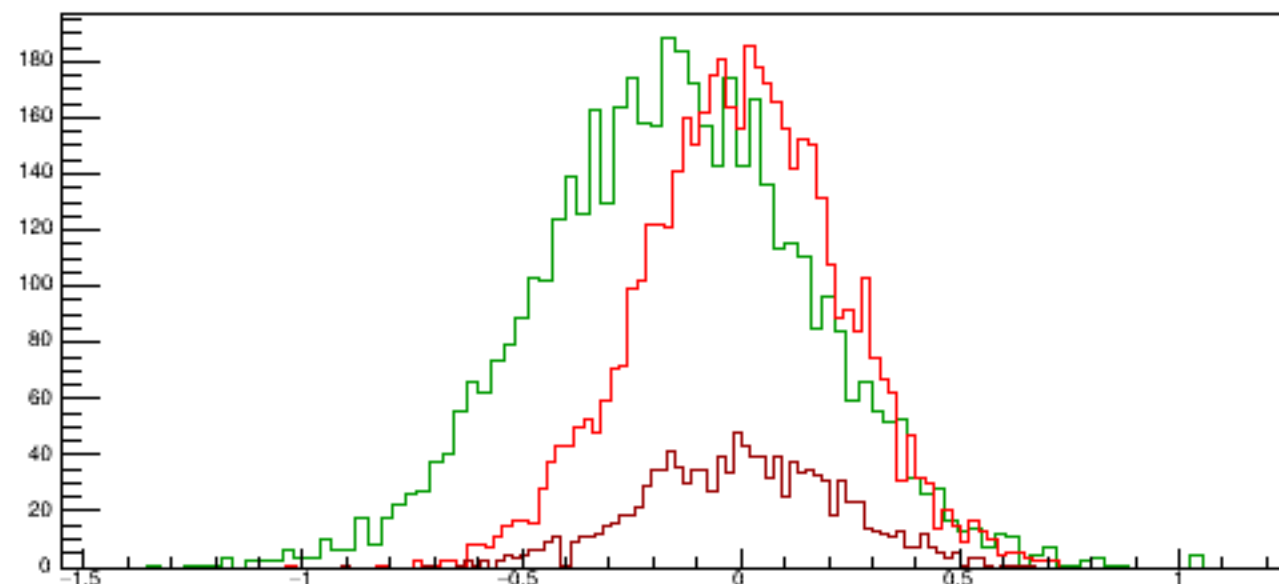
Std Dev: 0.3105 +/- 0.0032

Entries: 1216

Mean: -0.0025 +/- 0.0065

Std Dev: 0.2255 +/- 0.0046

Run 4531 quartetwise, Diffs



Cycle 18, Sums

Entries: 4843

Mean: 11.6692 +/- 0.0041

Std Dev: 0.2885 +/- 0.0029

Entries: 4749

Mean: 21.8749 +/- 0.0056

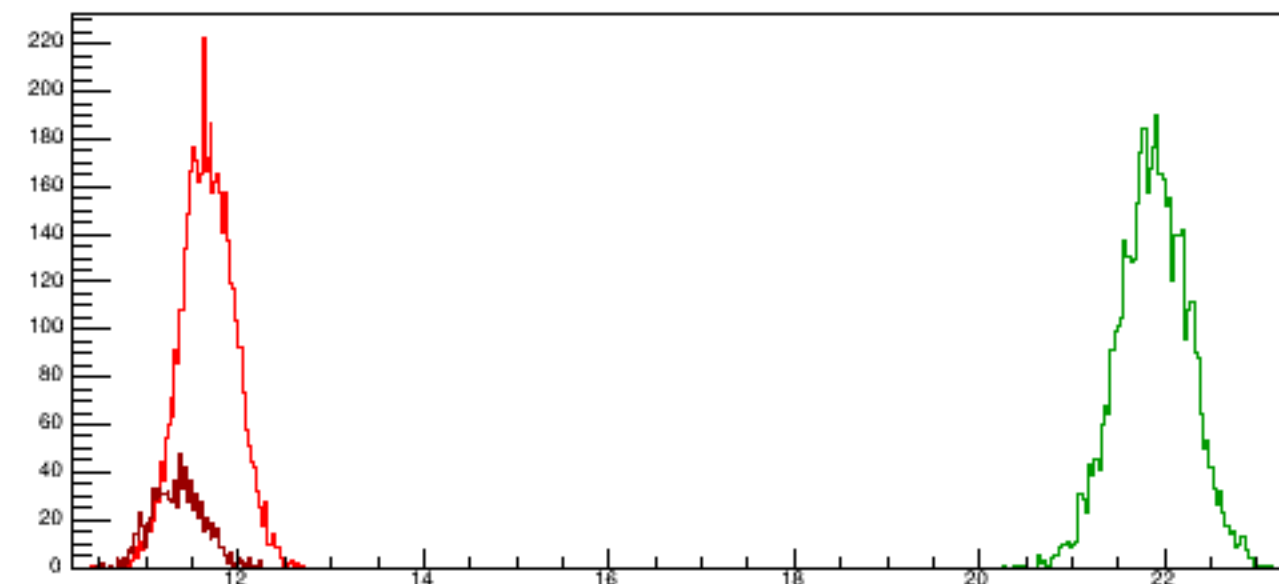
Std Dev: 0.3861 +/- 0.0040

Entries: 1216

Mean: 11.3396 +/- 0.0081

Std Dev: 0.2823 +/- 0.0057

Run 4531 quartetwise, Sums



Cycle 18, Asyms

Entries: 4843

Mean: 0.0000 +/- 0.0003

Std Dev: 0.0220 +/- 0.0002

Entries: 4749

Mean: -0.0149 +/- 0.0004

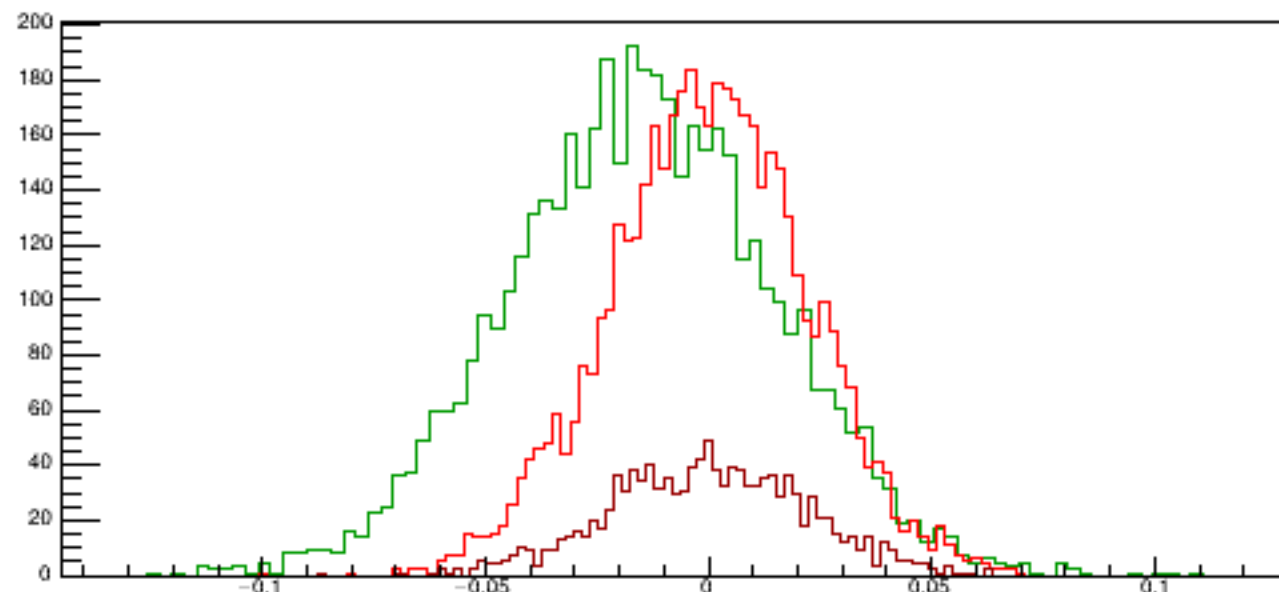
Std Dev: 0.0299 +/- 0.0003

Entries: 1216

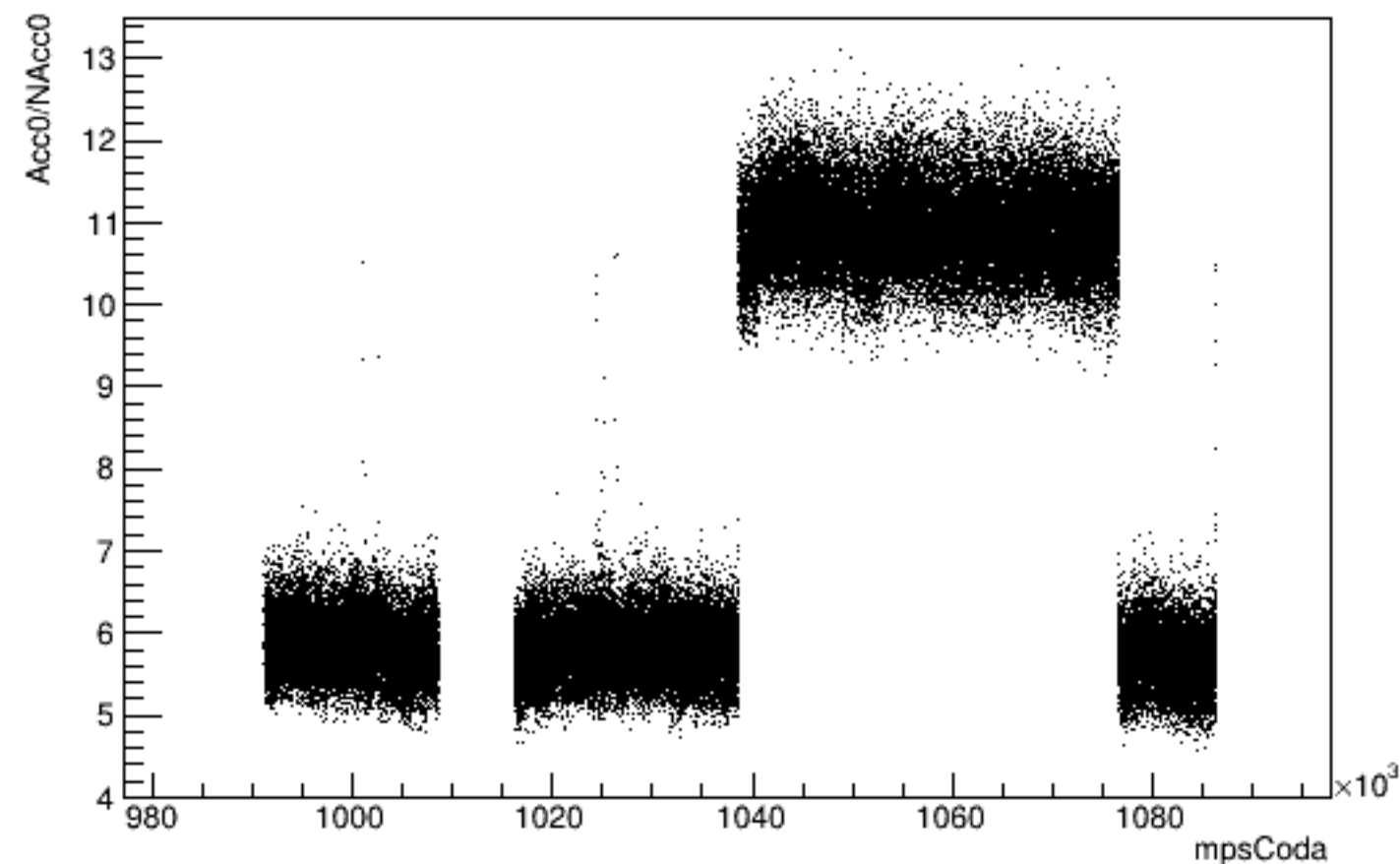
Mean: -0.0002 +/- 0.0006

Std Dev: 0.0217 +/- 0.0004

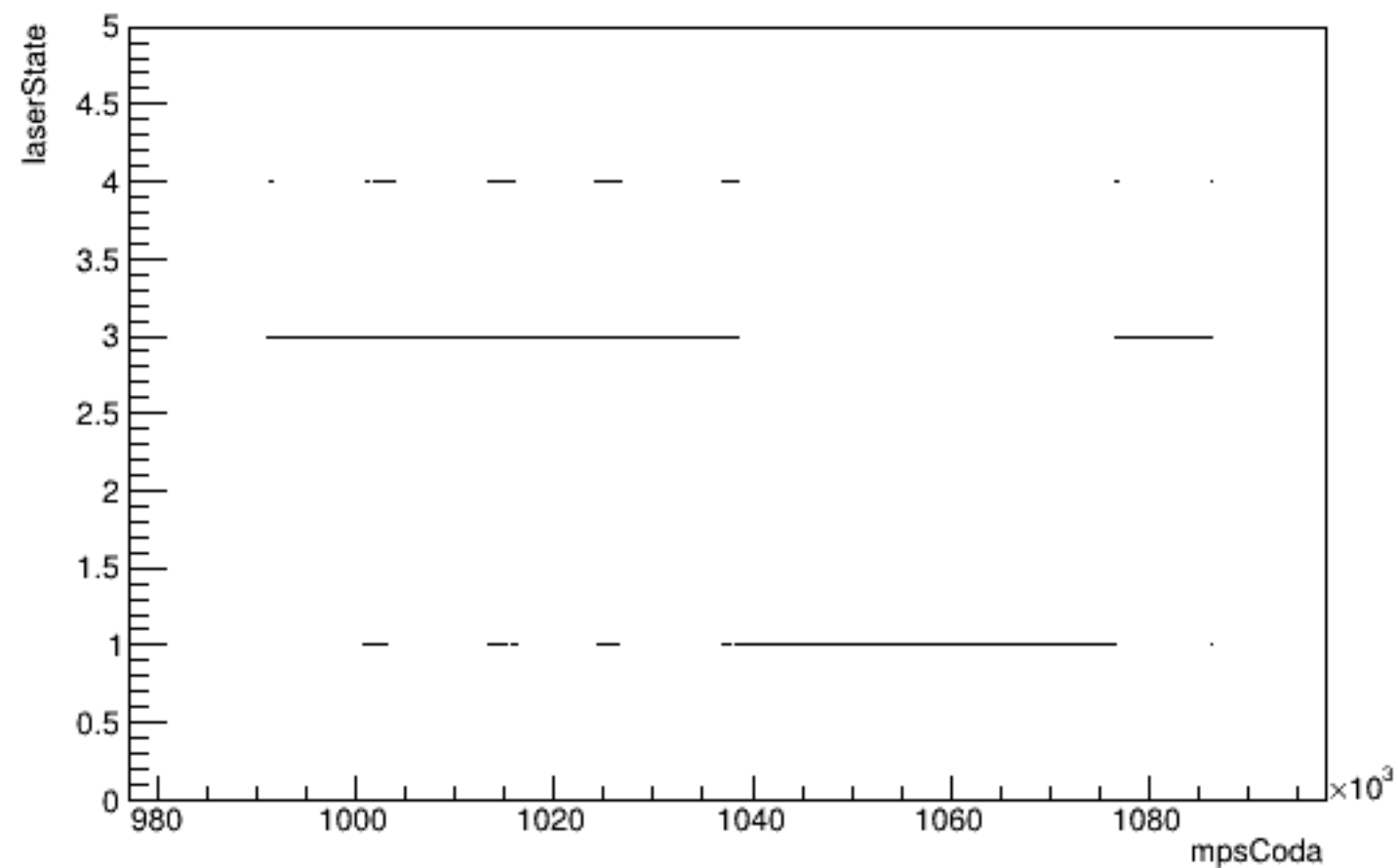
Run 4531 quartetwise, Asyms



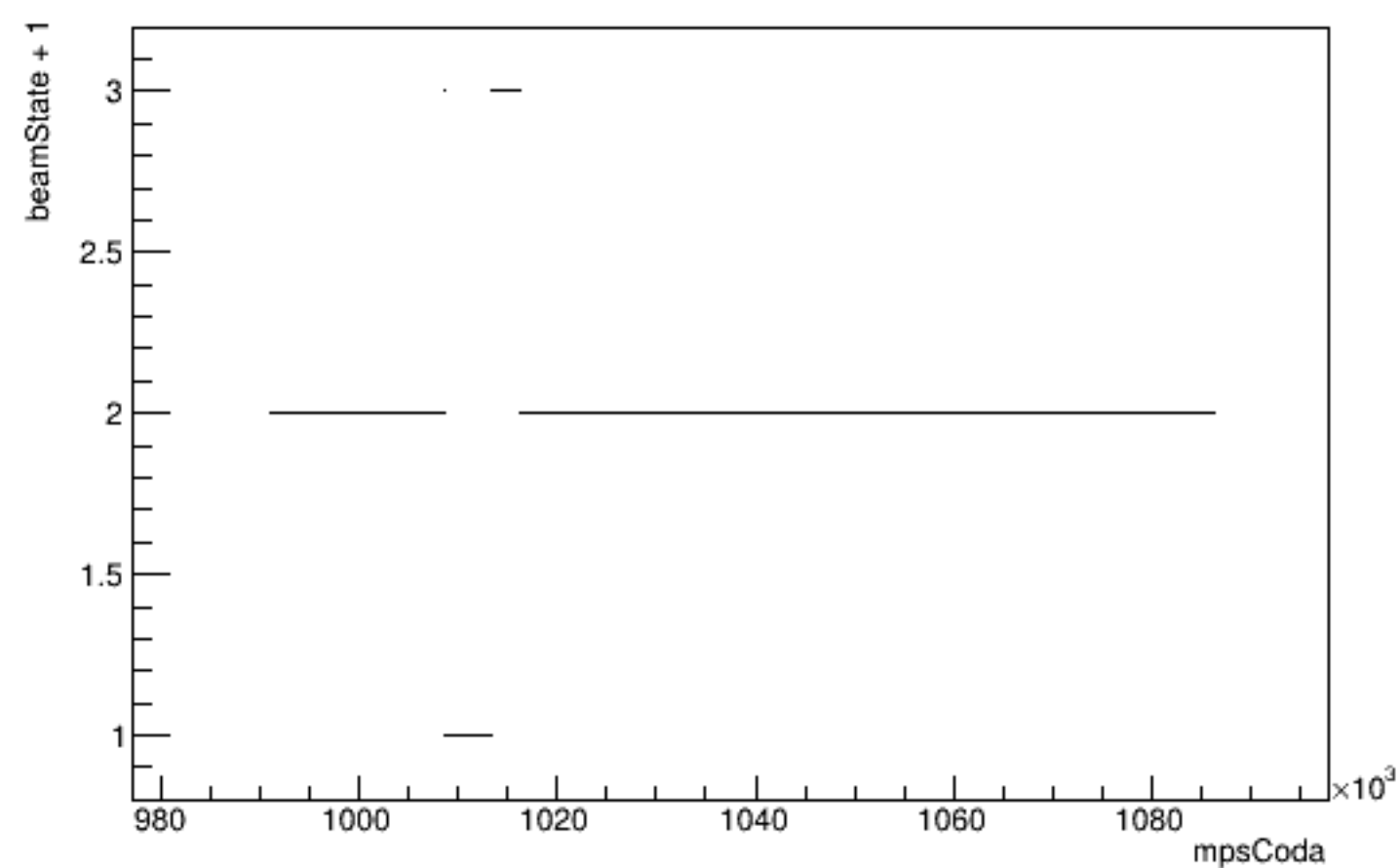
Acc0/NAcc0:mpsCoda (mpsCoda>=991157 && mpsCoda<=1086412 && beamState==1)



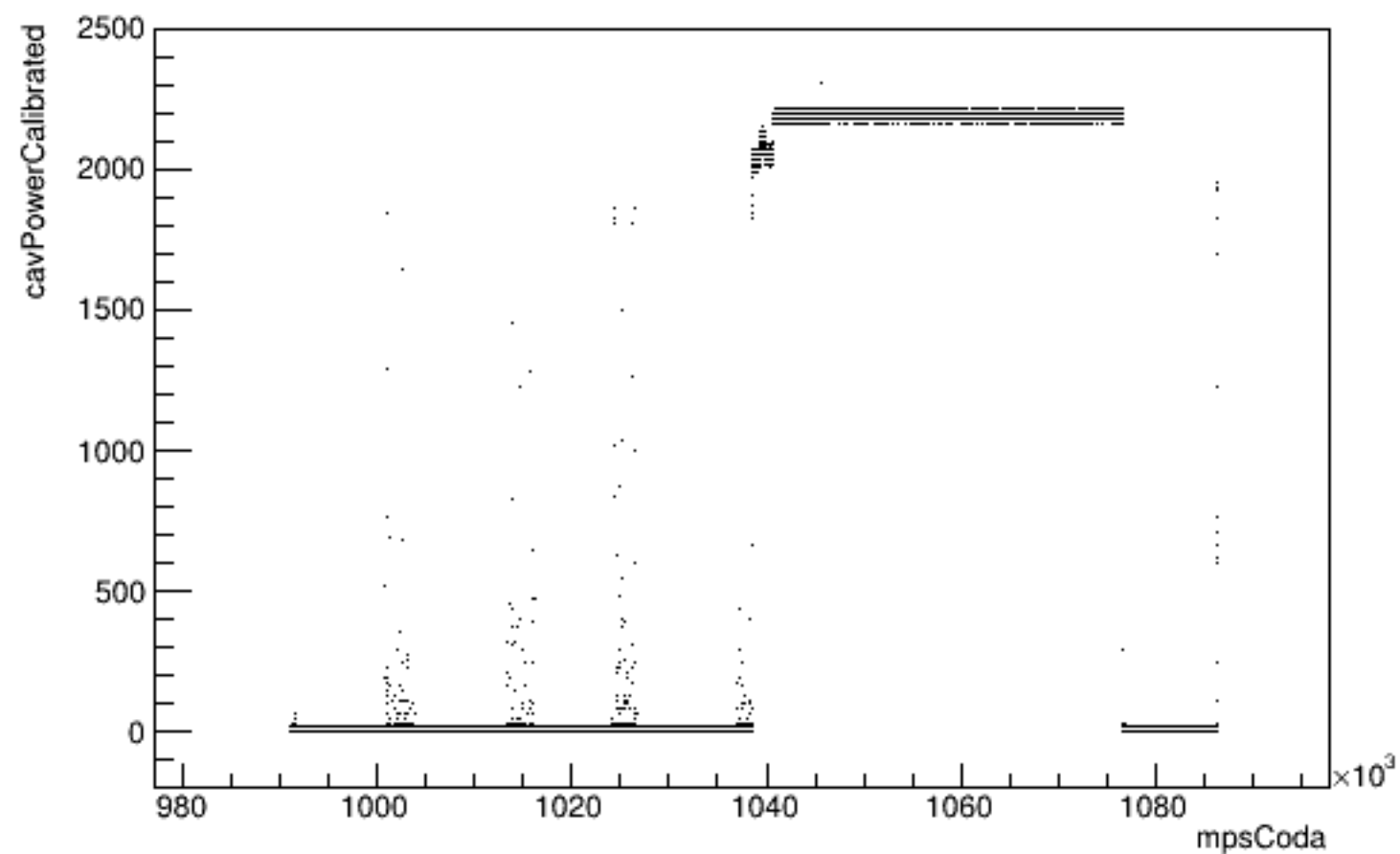
laserState:mpsCoda {mpsCoda>=991157 && mpsCoda<=1086412}



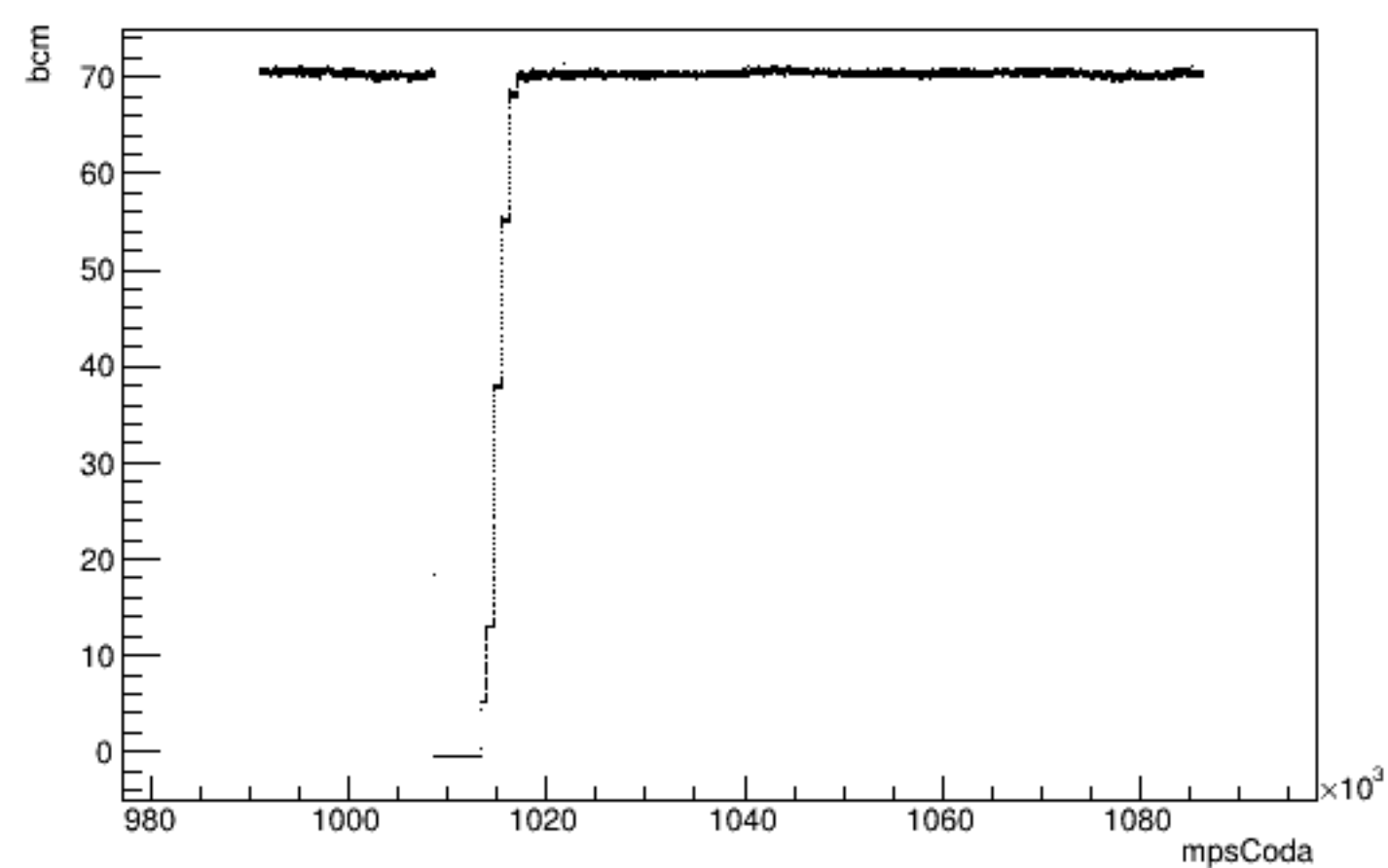
beamState + 1:mpsCoda {mpsCoda>=991157 && mpsCoda<=1086412}



cavPowerCalibrated:mpsCoda {mpsCoda>=991157 && mpsCoda<=1086412}



bcm:mpsCoda {mpsCoda>=991157 && mpsCoda<=1086412}



Cycle 19, Diffs

Entries: 1216

Mean: -0.0025 +/- 0.0065

Std Dev: 0.2255 +/- 0.0046

Entries: 182

Mean: -0.1547 +/- 0.0236

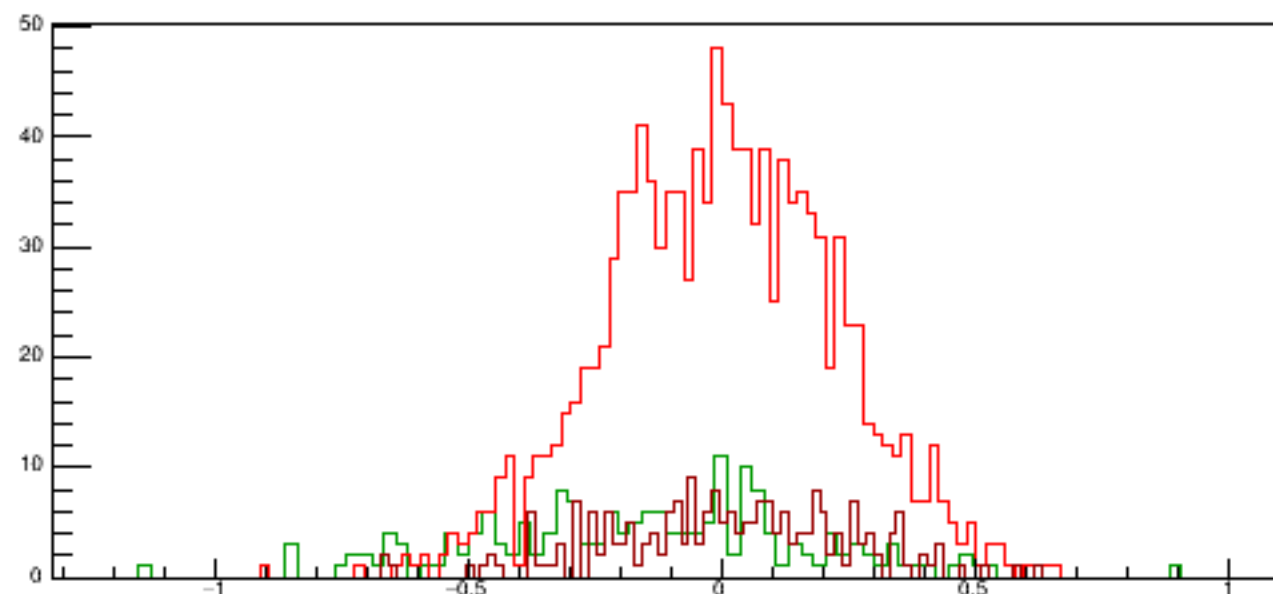
Std Dev: 0.3182 +/- 0.0167

Entries: 222

Mean: 0.0105 +/- 0.0158

Std Dev: 0.2351 +/- 0.0112

Run 4531 quartetwise, Diffs



Cycle 19, Sums

Entries: 1216

Mean: 11.3396 +/- 0.0081

Std Dev: 0.2823 +/- 0.0057

Entries: 182

Mean: 21.2982 +/- 0.0300

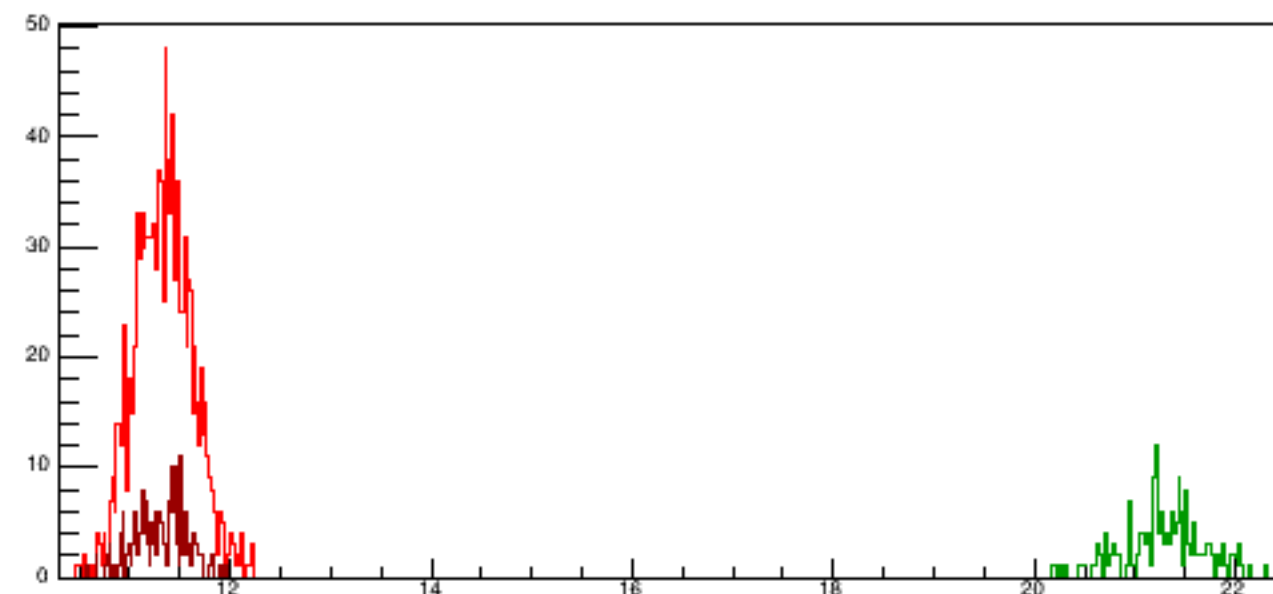
Std Dev: 0.4053 +/- 0.0212

Entries: 222

Mean: 11.3064 +/- 0.0179

Std Dev: 0.2673 +/- 0.0127

Run 4531 quartetwise, Sums



Cycle 19, Asyms

Entries: 1216

Mean: -0.0003 +/- 0.0006

Std Dev: 0.0226 +/- 0.0005

Entries: 182

Mean: -0.0155 +/- 0.0023

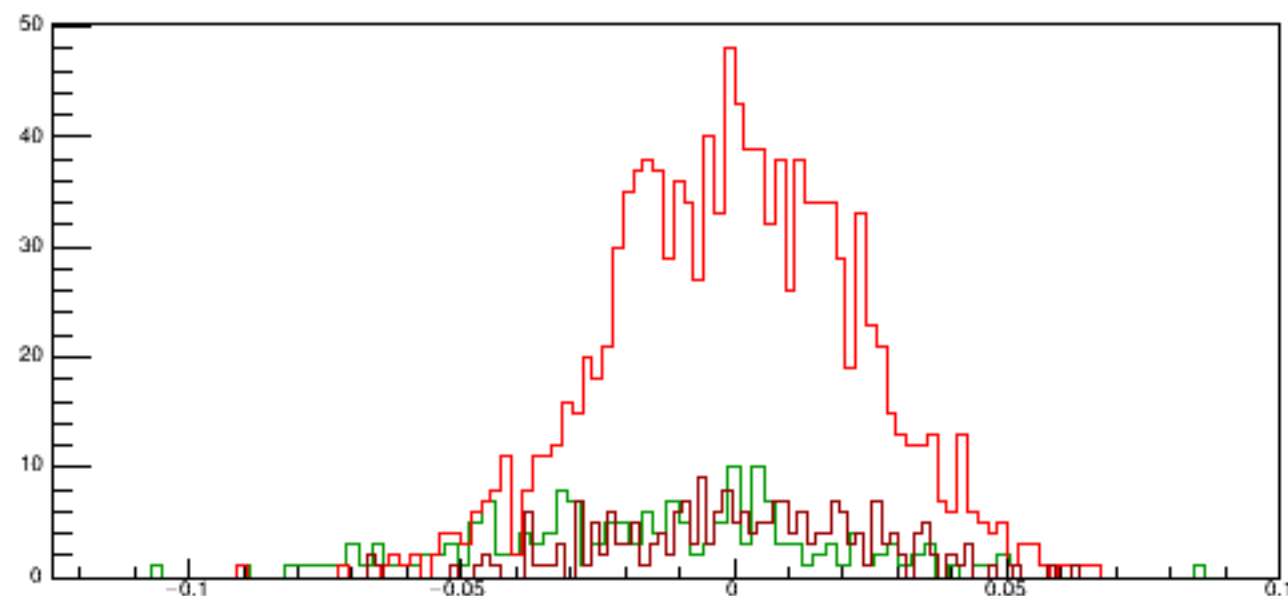
Std Dev: 0.0316 +/- 0.0017

Entries: 222

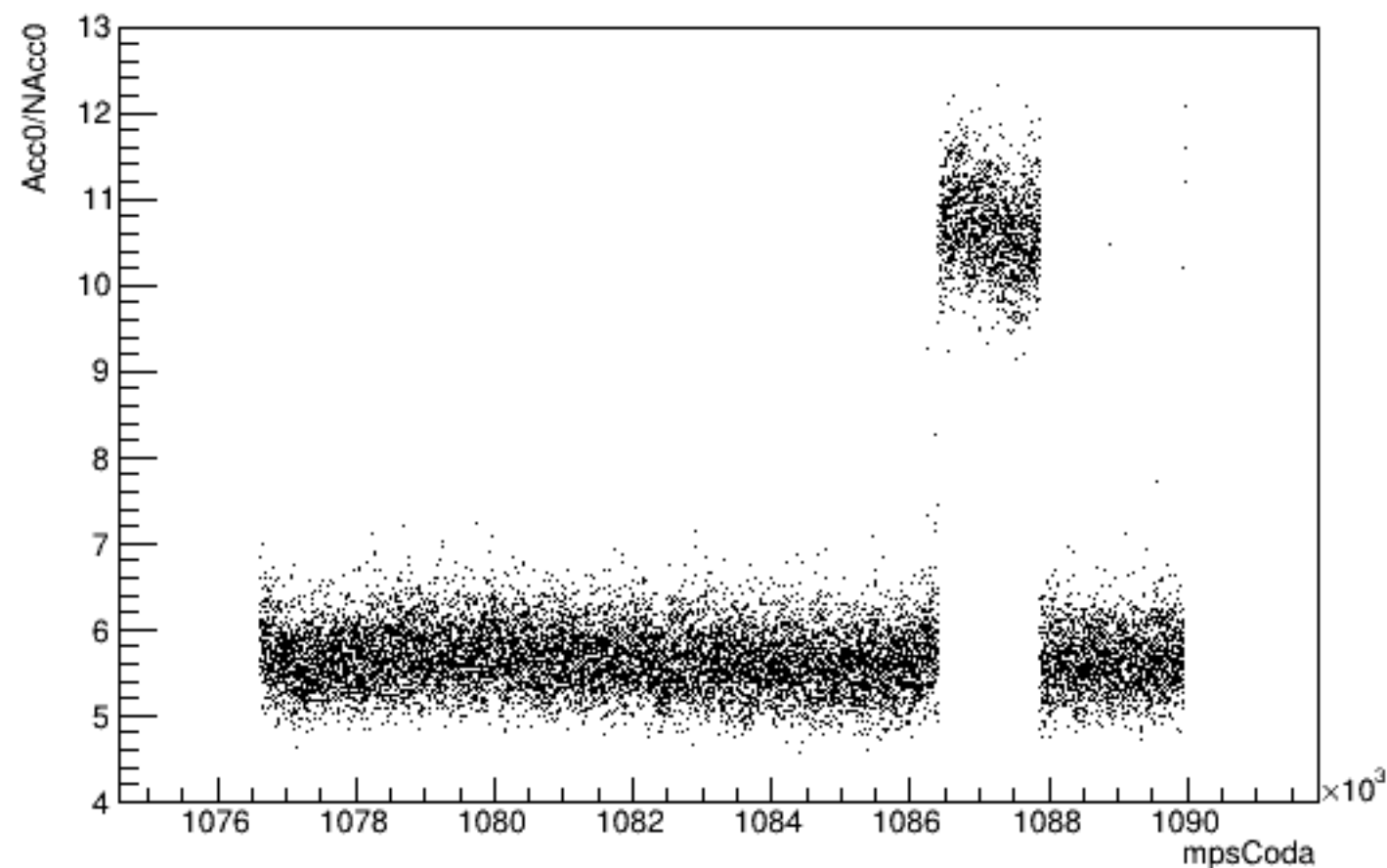
Mean: 0.0011 +/- 0.0016

Std Dev: 0.0236 +/- 0.0011

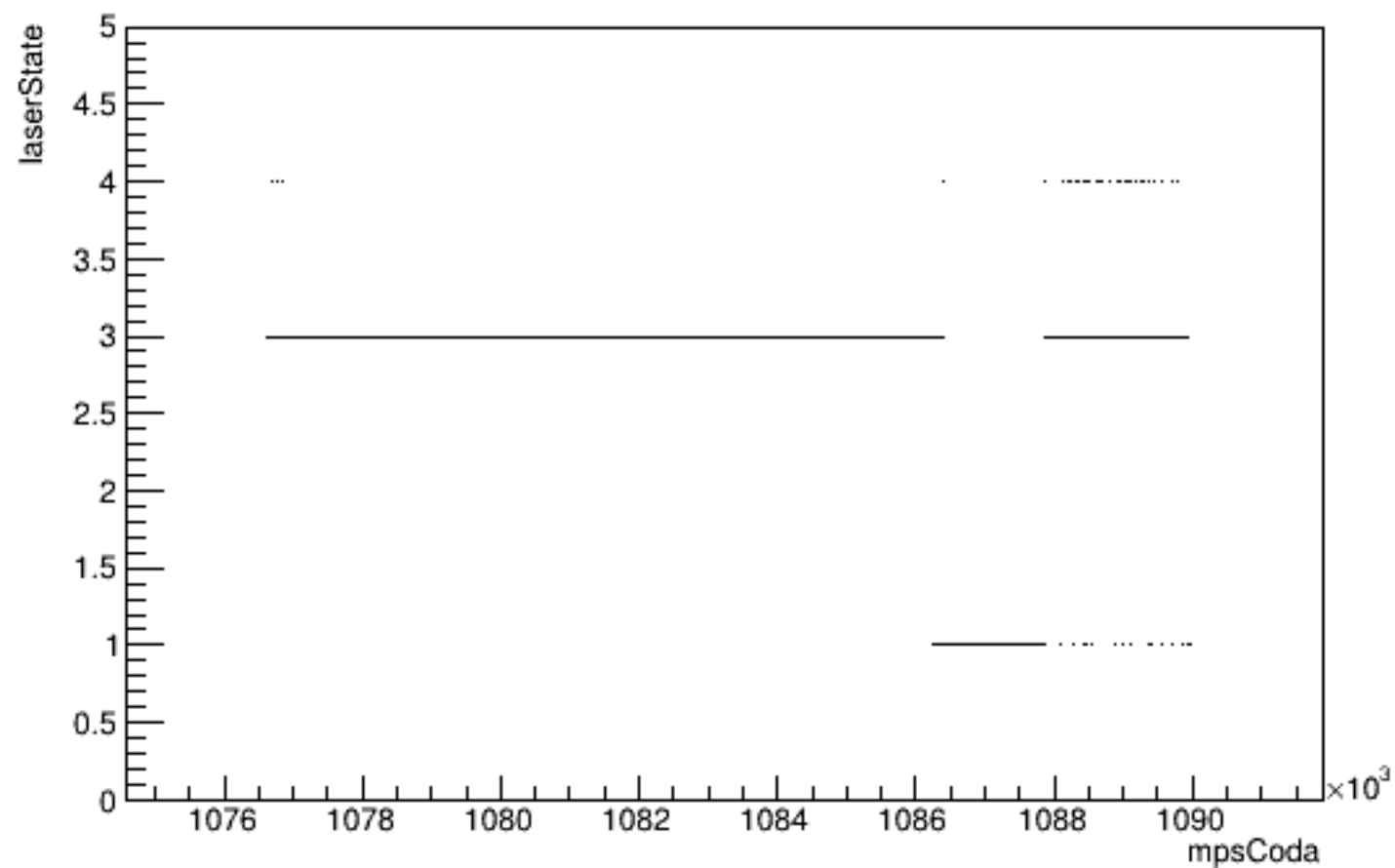
Run 4531 quartetwise, Asyms



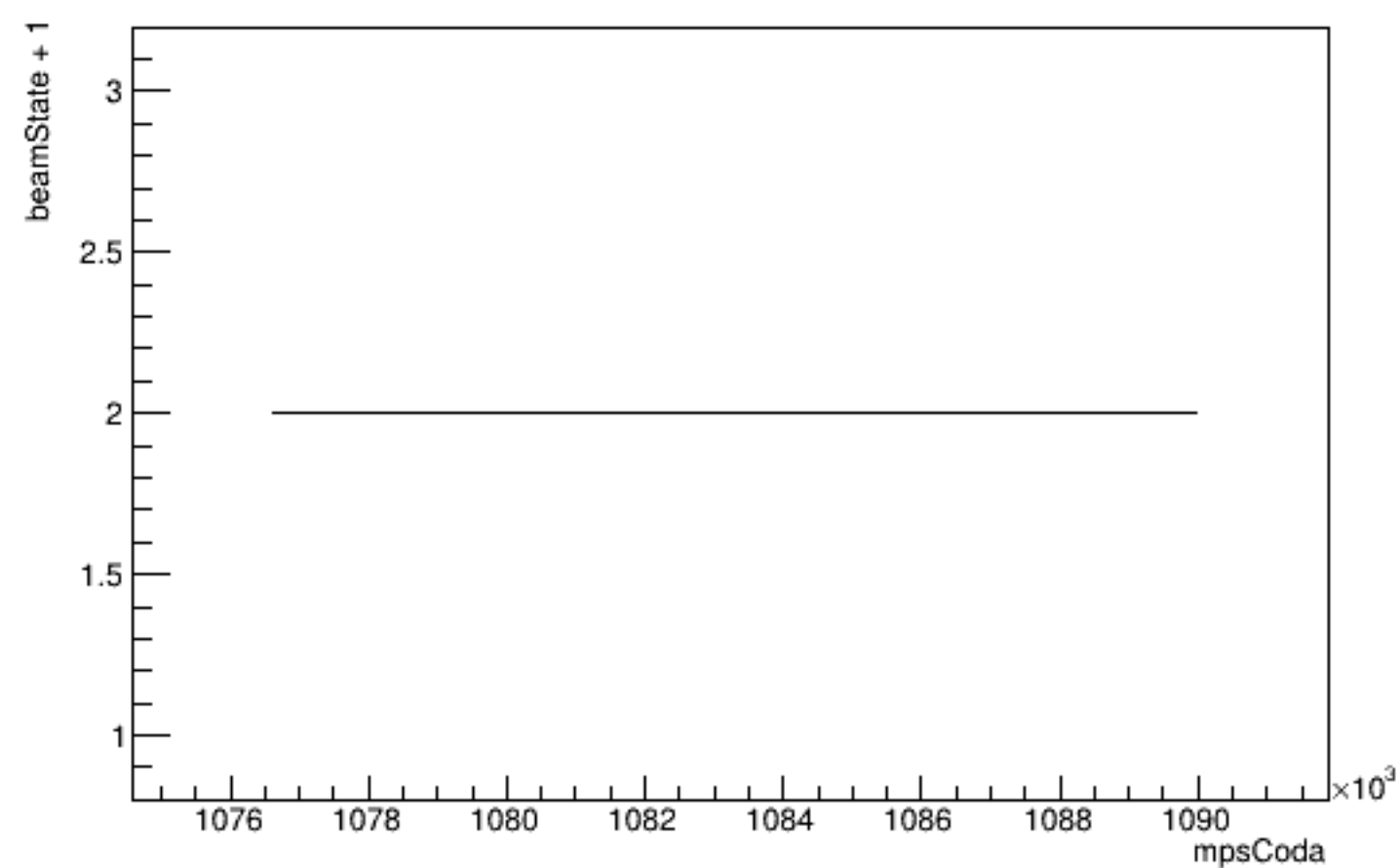
Acc0/NAcc0:mpsCoda (mpsCoda>=1076621 && mpsCoda<=1089956 && beamState==1)



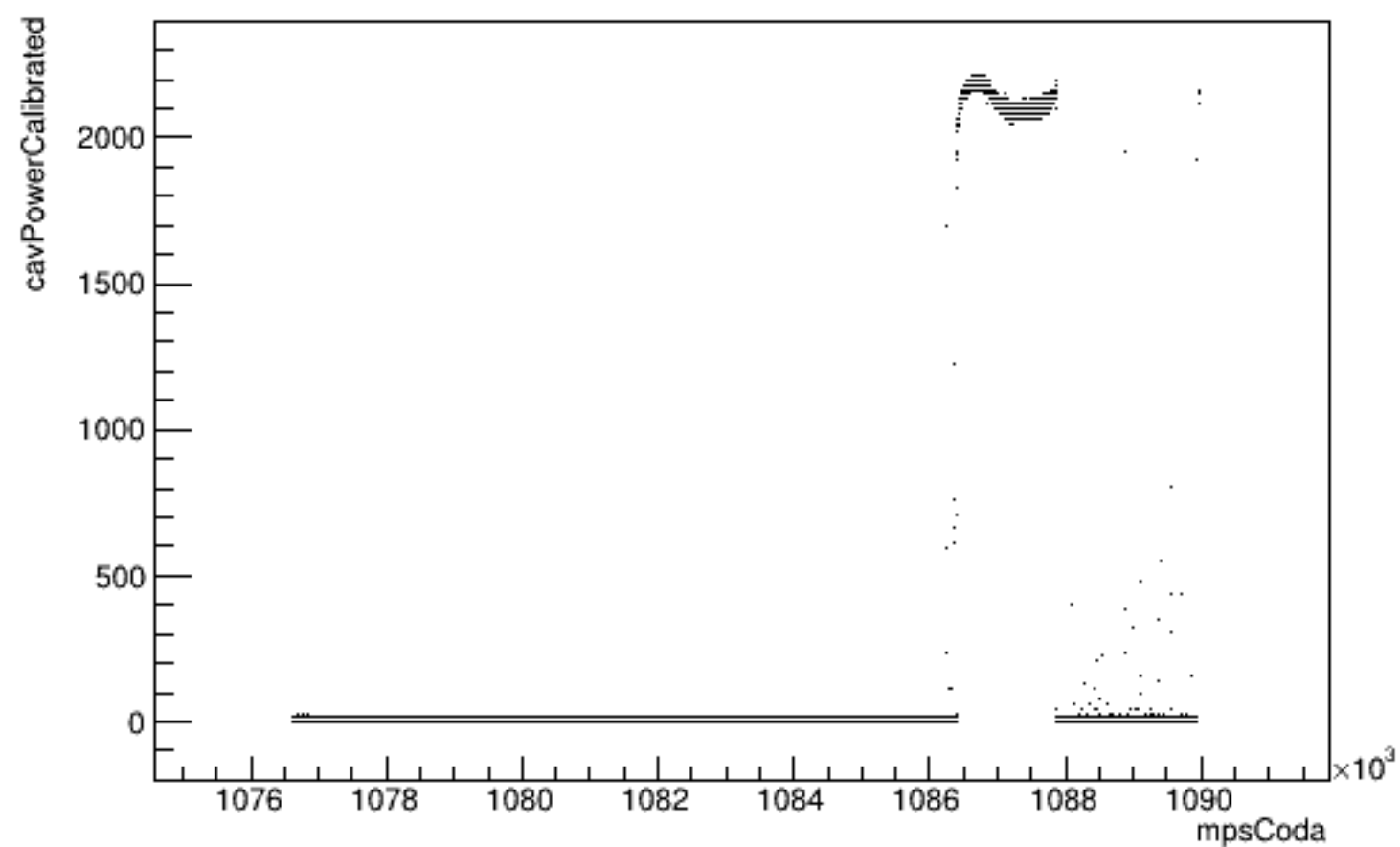
laserState:mpsCoda {mpsCoda>=1076621 && mpsCoda<=1089956}



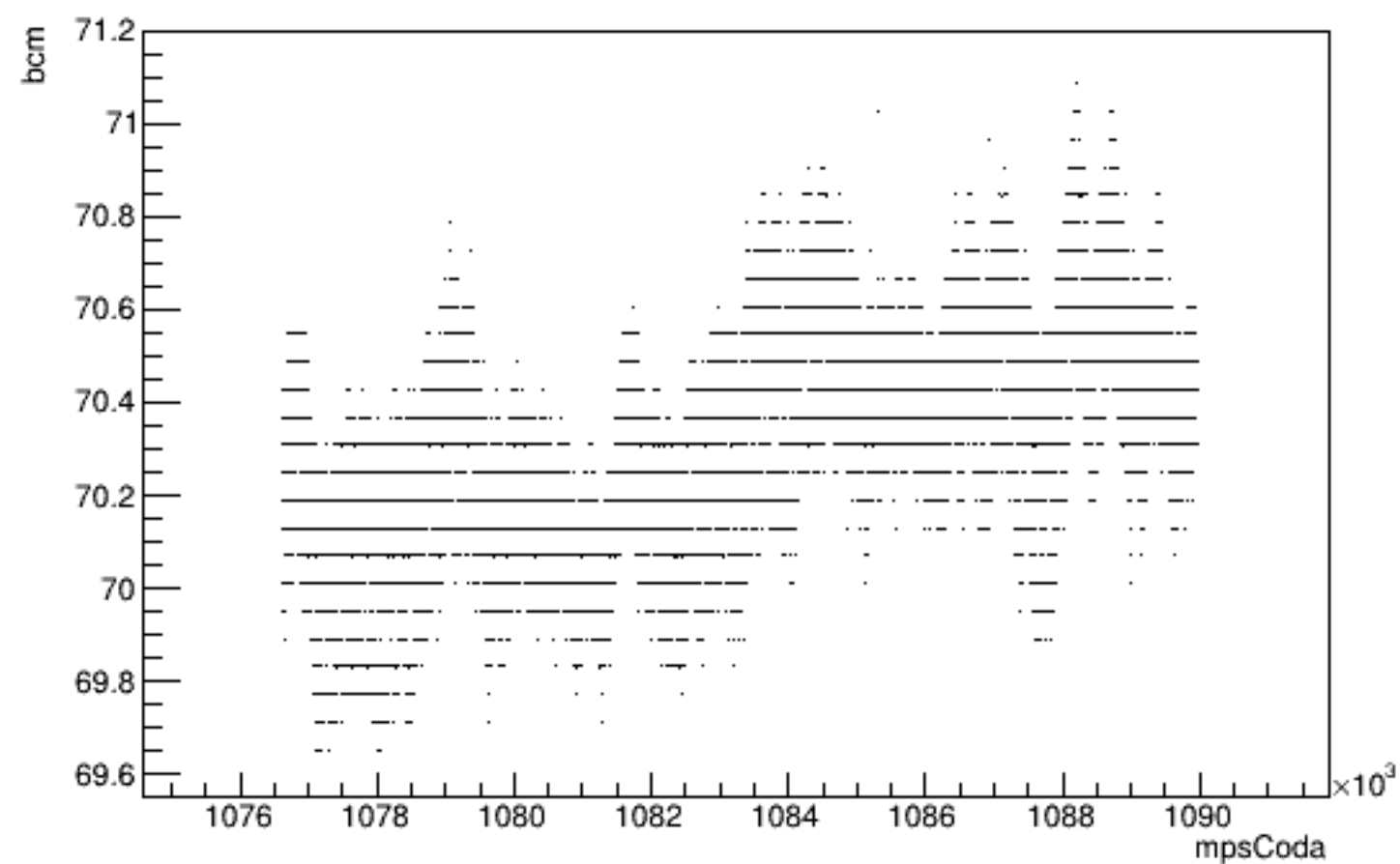
beamState + 1:mpsCoda {mpsCoda>=1076621 && mpsCoda<=1089956}



cavPowerCalibrated:mpsCoda {mpsCoda>=1076621 && mpsCoda<=1089956}

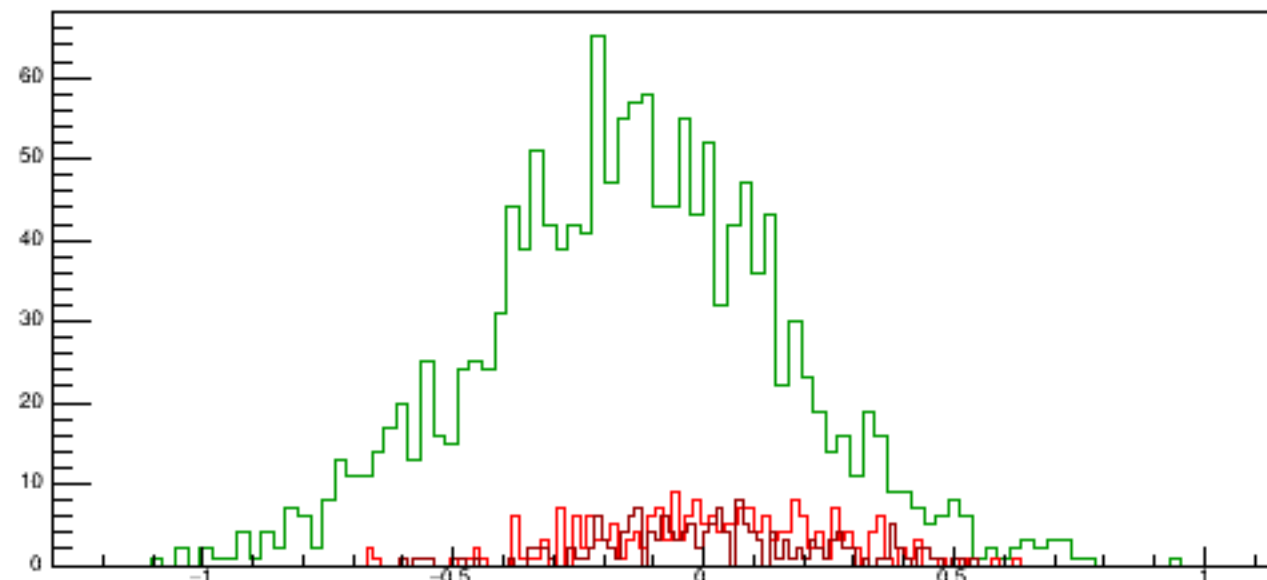


bcm:mpsCoda {mpsCoda>=1076621 && mpsCoda<=1089956}



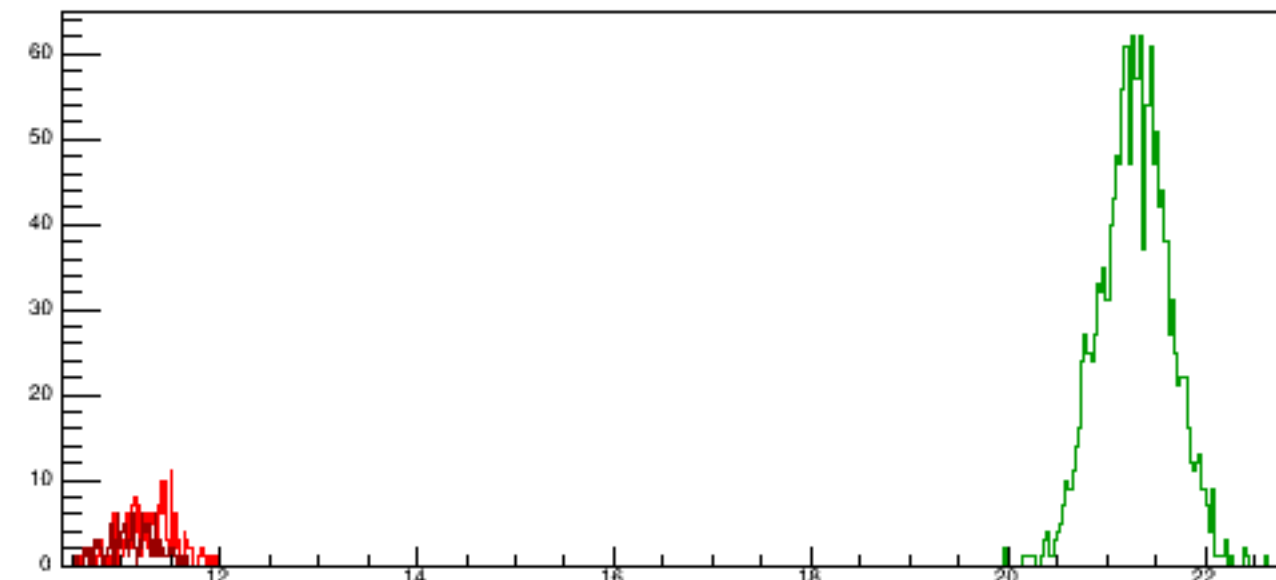
Cycle 20, Diffs

Entries: 222	Entries: 1558	Entries: 170
Mean: 0.0105 +/- 0.0158	Mean: -0.1450 +/- 0.0077	Mean: 0.0142 +/- 0.0179
Std Dev: 0.2351 +/- 0.0112	Std Dev: 0.3040 +/- 0.0054	Std Dev: 0.2338 +/- 0.0127
Run 4531 quartetwise, Diffs		



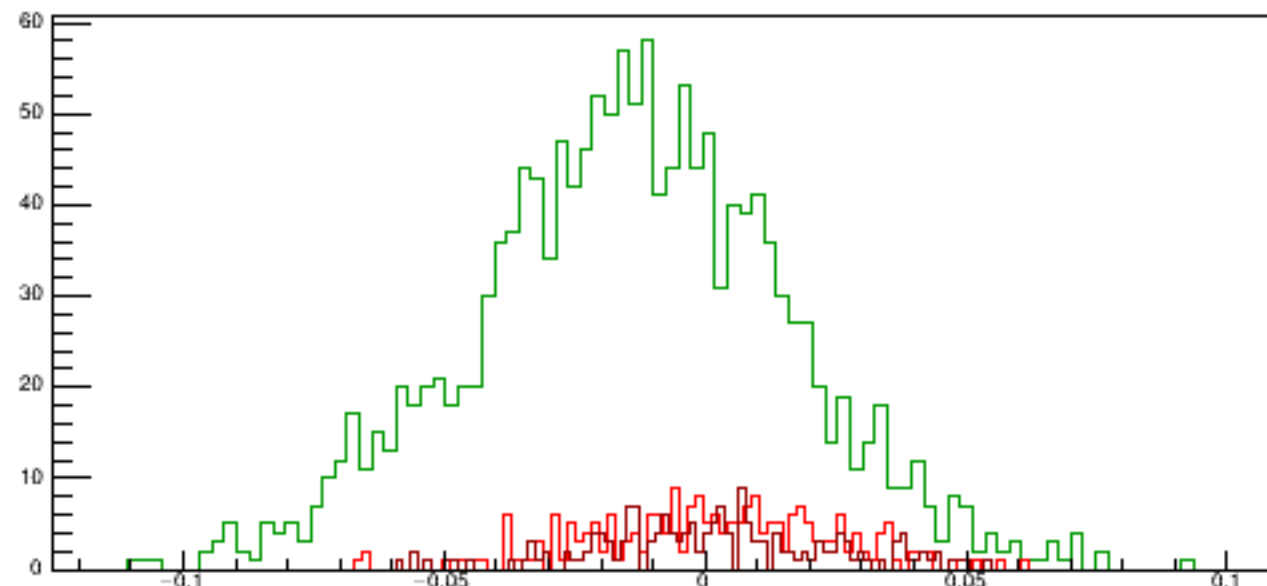
Cycle 20, Sums

Entries: 222	Entries: 1558	Entries: 170
Mean: 11.3064 +/- 0.0179	Mean: 21.2837 +/- 0.0090	Mean: 11.0988 +/- 0.0192
Std Dev: 0.2673 +/- 0.0127	Std Dev: 0.3542 +/- 0.0063	Std Dev: 0.2506 +/- 0.0136
Run 4531 quartetwise, Sums		

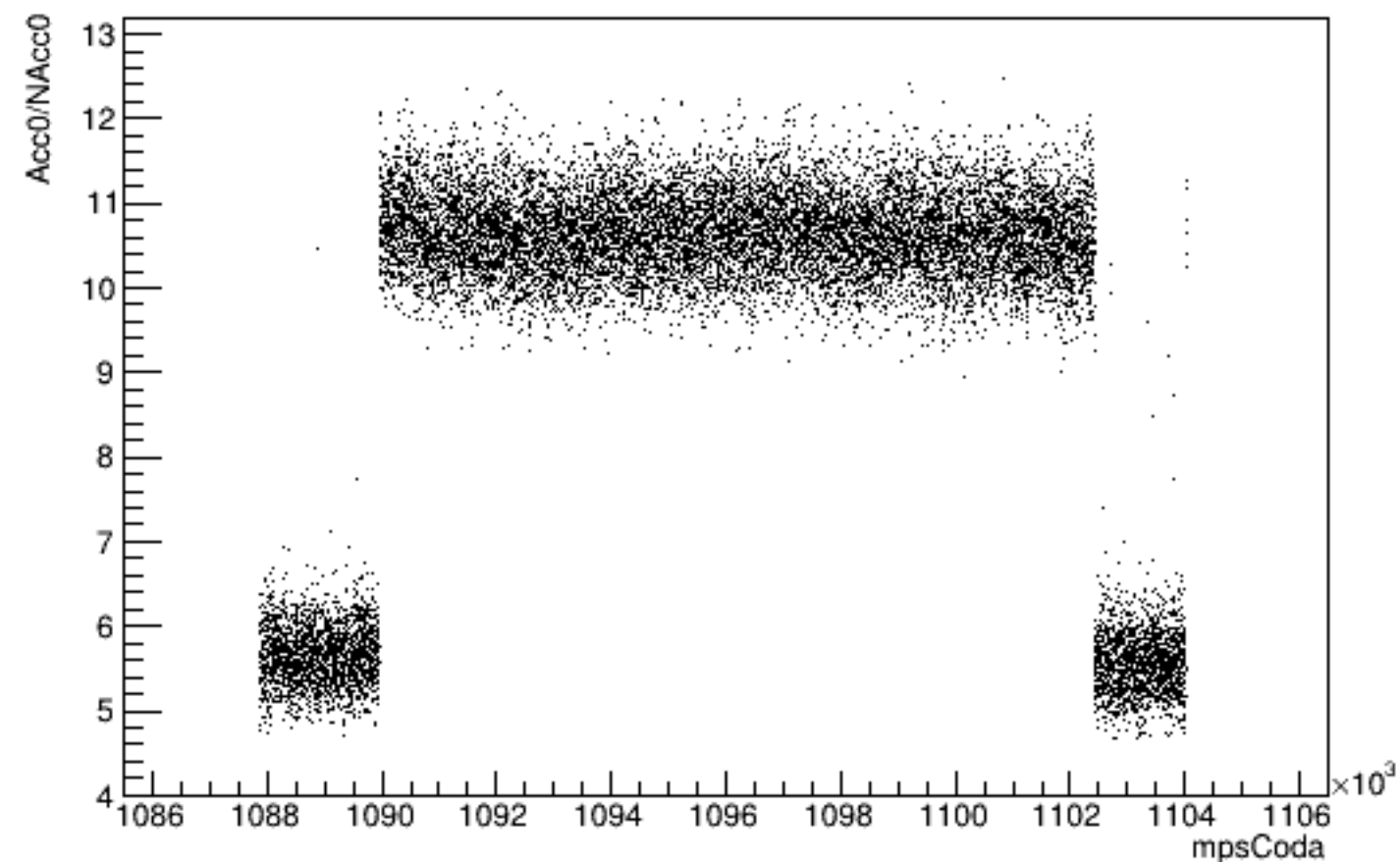


Cycle 20, Asyms

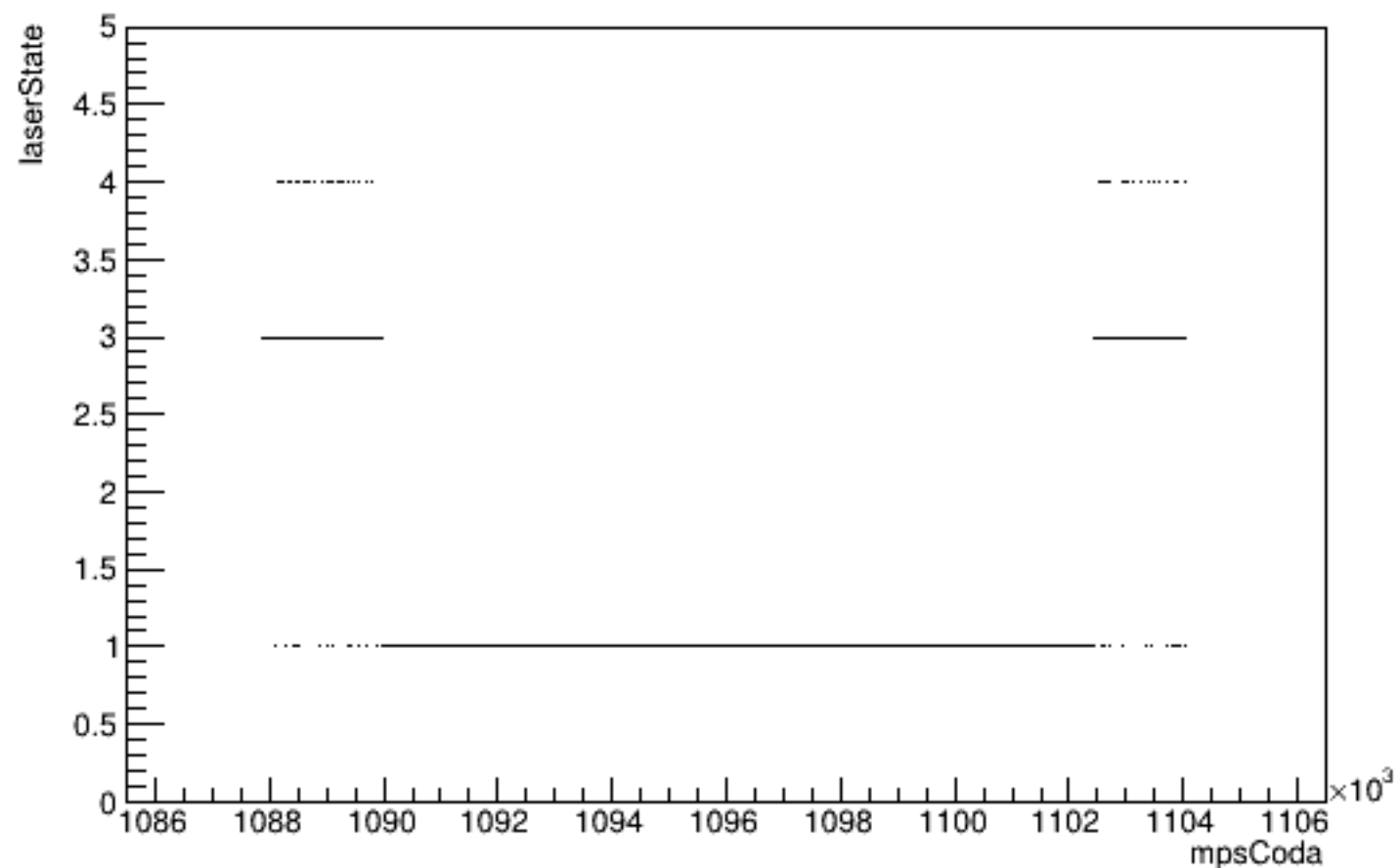
Entries: 222	Entries: 1558	Entries: 170
Mean: 0.0010 +/- 0.0016	Mean: -0.0145 +/- 0.0008	Mean: 0.0014 +/- 0.0018
Std Dev: 0.0233 +/- 0.0011	Std Dev: 0.0302 +/- 0.0005	Std Dev: 0.0232 +/- 0.0013
Run 4531 quartetwise, Asyms		



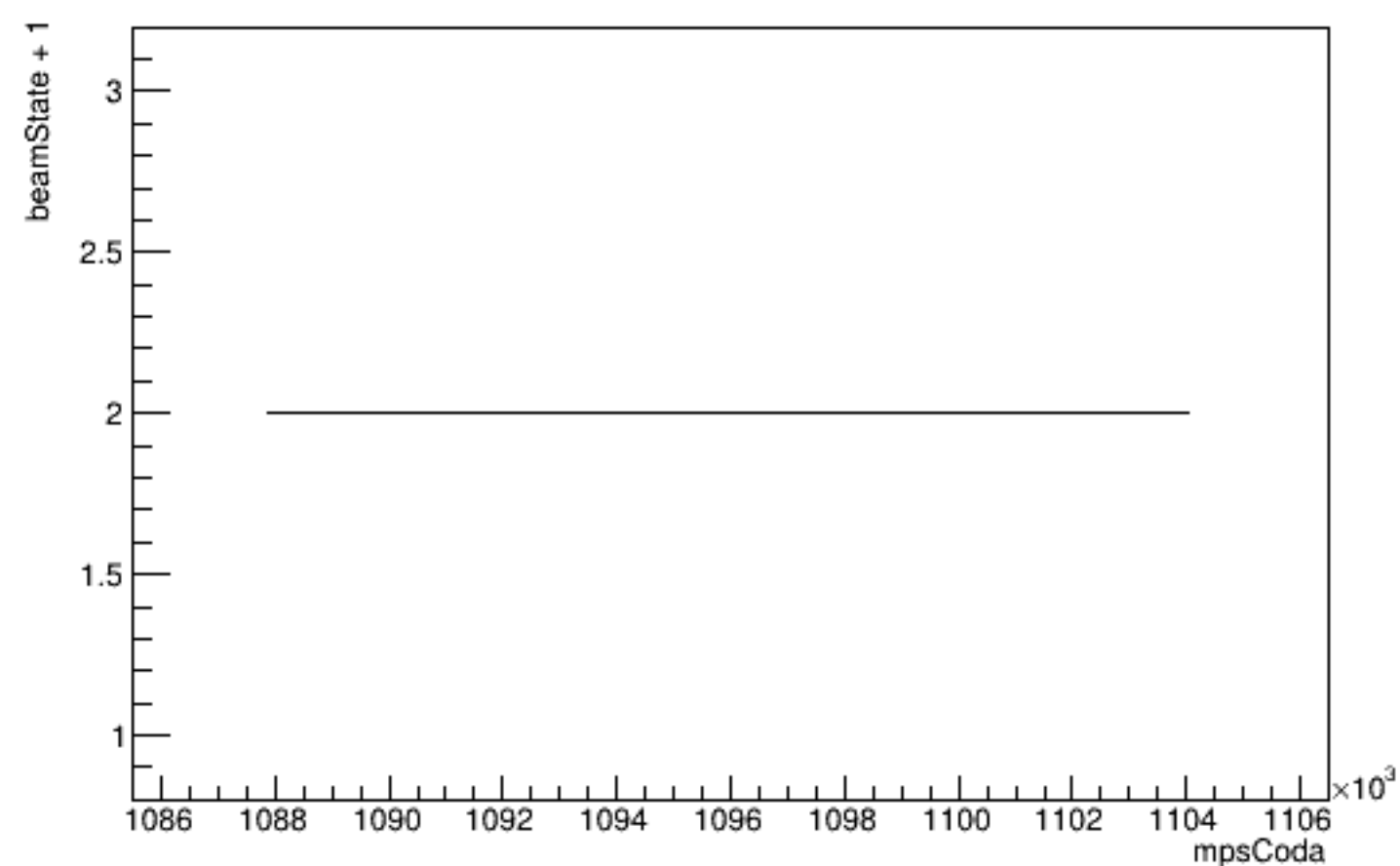
Acc0/NAcc0:mpsCoda (mpsCoda>=1087877 && mpsCoda<=1104020 && beamState==1)



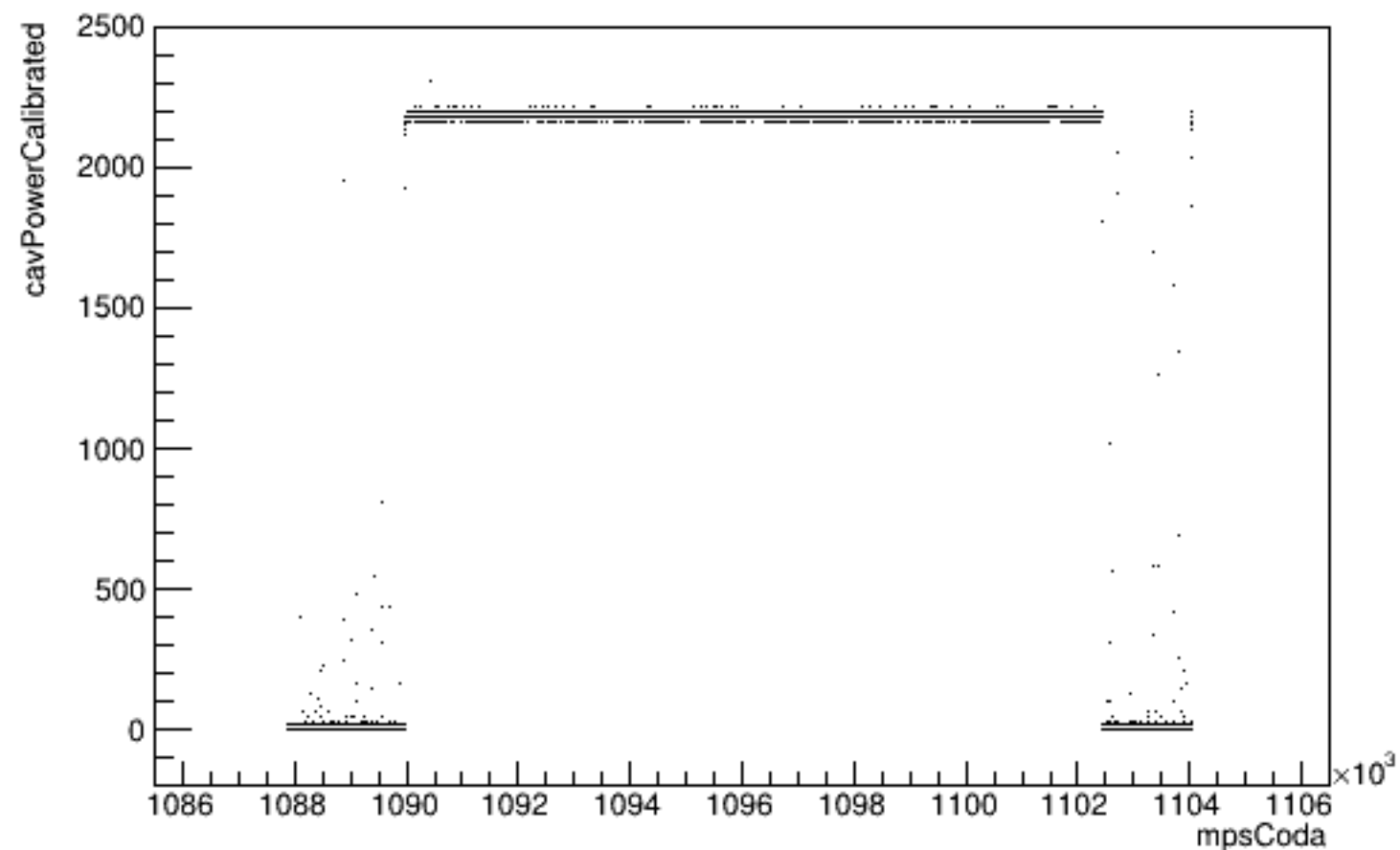
laserState:mpsCoda {mpsCoda>=1087877 && mpsCoda<=1104020}



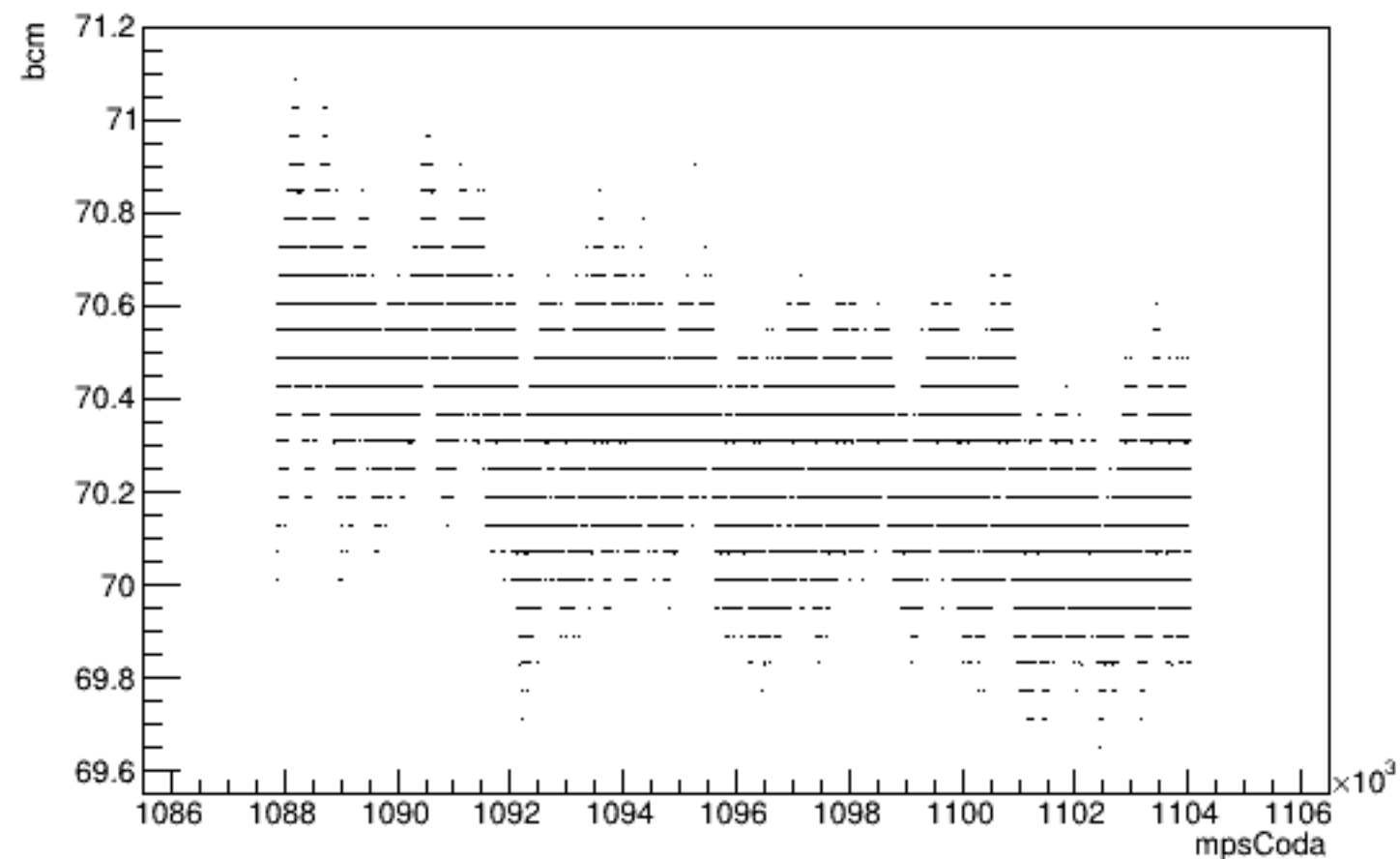
beamState + 1:mpsCoda {mpsCoda>=1087877 && mpsCoda<=1104020}



cavPowerCalibrated:mpsCoda {mpsCoda>=1087877 && mpsCoda<=1104020}

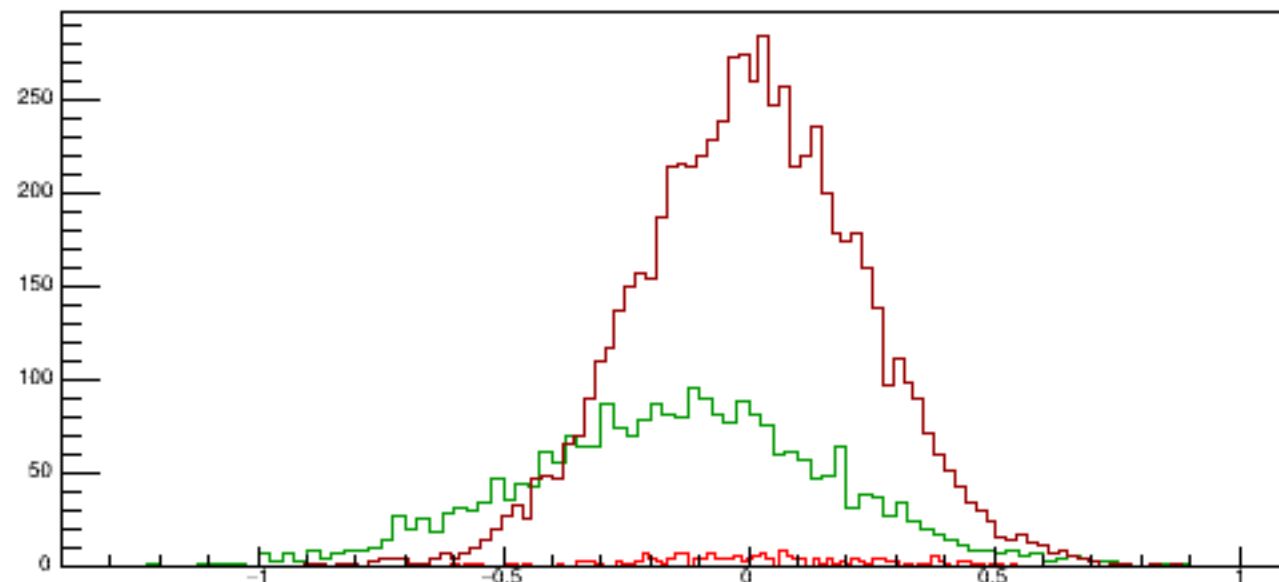


bcm:mpsCoda {mpsCoda>=1087877 && mpsCoda<=1104020}



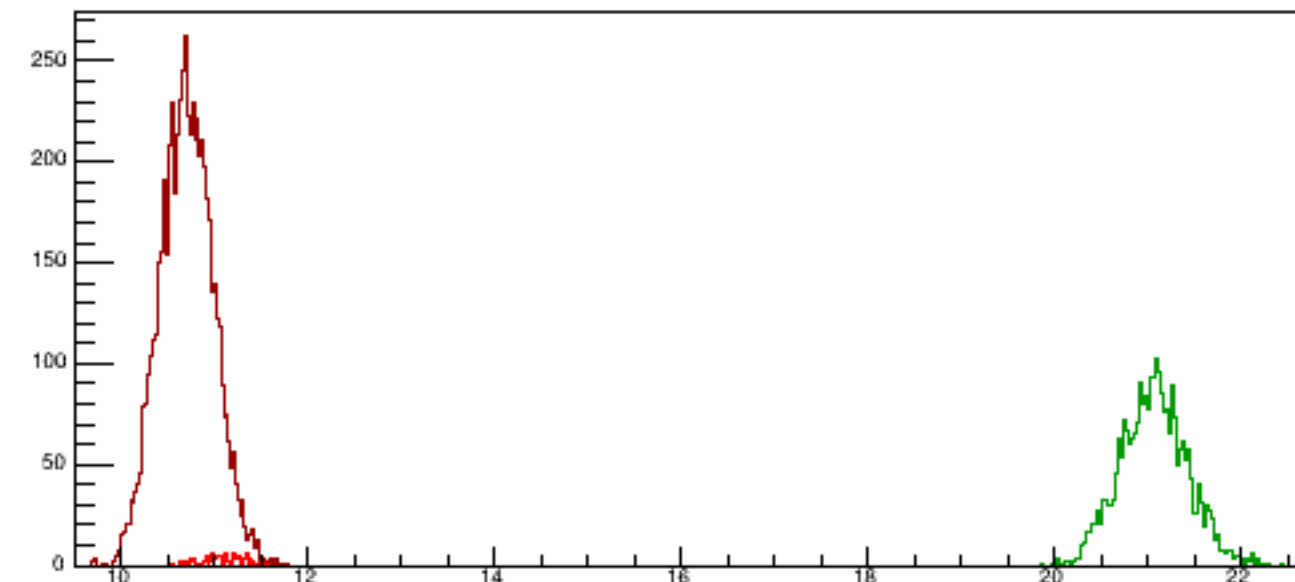
Cycle 21, Diffs

Entries: 170	Entries: 2551	Entries: 6952
Mean: 0.0142 +/- 0.0179	Mean: -0.1476 +/- 0.0061	Mean: 0.0047 +/- 0.0027
Std Dev: 0.2338 +/- 0.0127	Std Dev: 0.3065 +/- 0.0043	Std Dev: 0.2262 +/- 0.0019
Run 4531 quartetwise, Diffs		



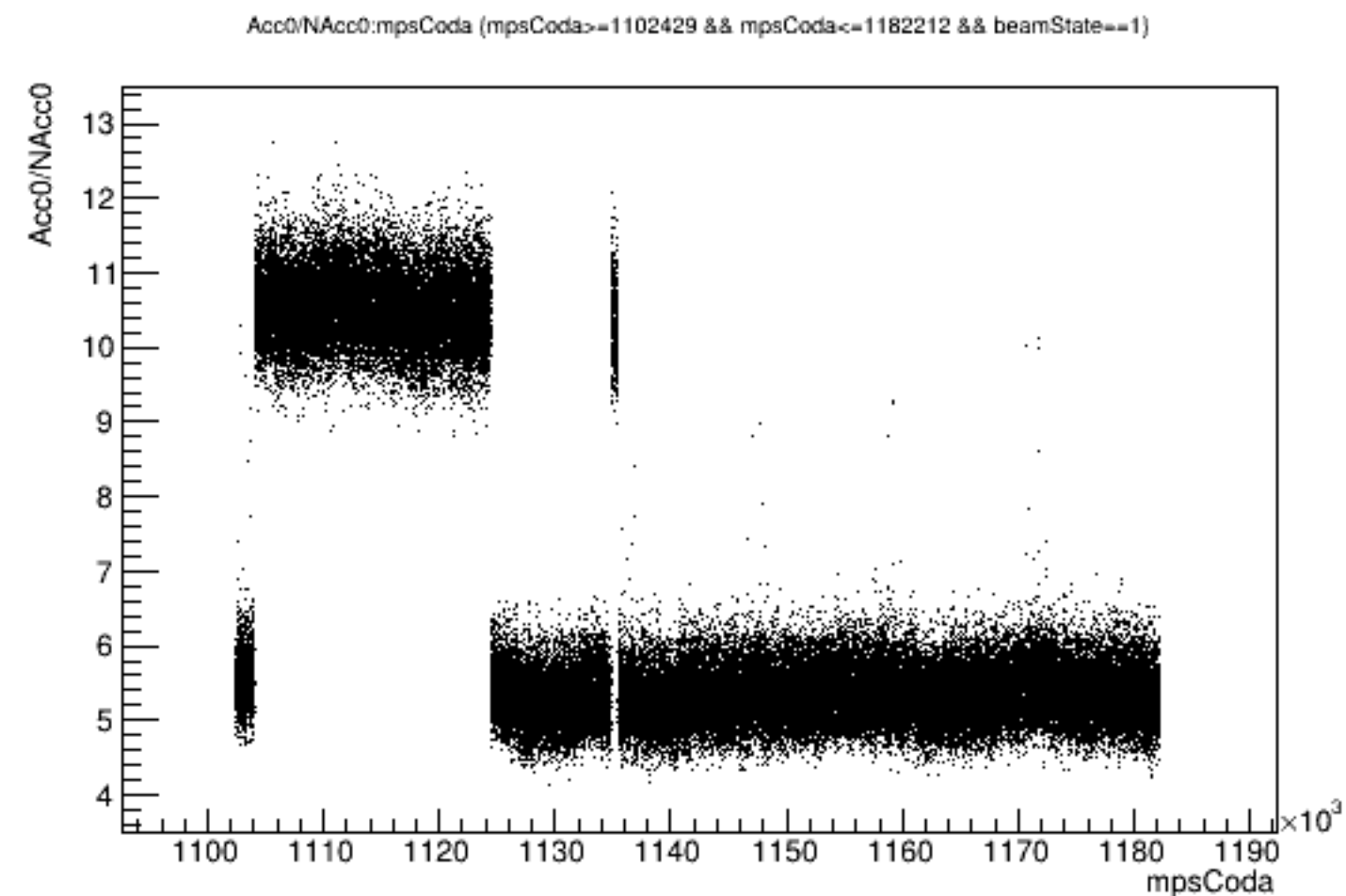
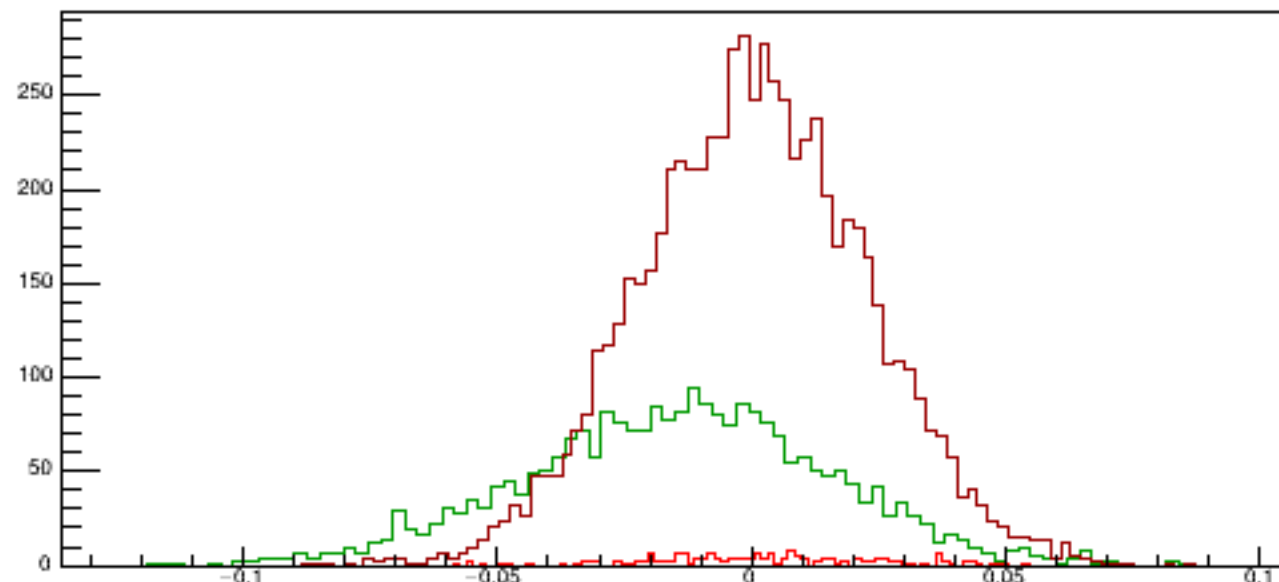
Cycle 21, Sums

Entries: 170	Entries: 2551	Entries: 6952
Mean: 11.0988 +/- 0.0192	Mean: 21.0637 +/- 0.0071	Mean: 10.6960 +/- 0.0034
Std Dev: 0.2506 +/- 0.0136	Std Dev: 0.3591 +/- 0.0050	Std Dev: 0.2856 +/- 0.0024
Run 4531 quartetwise, Sums		

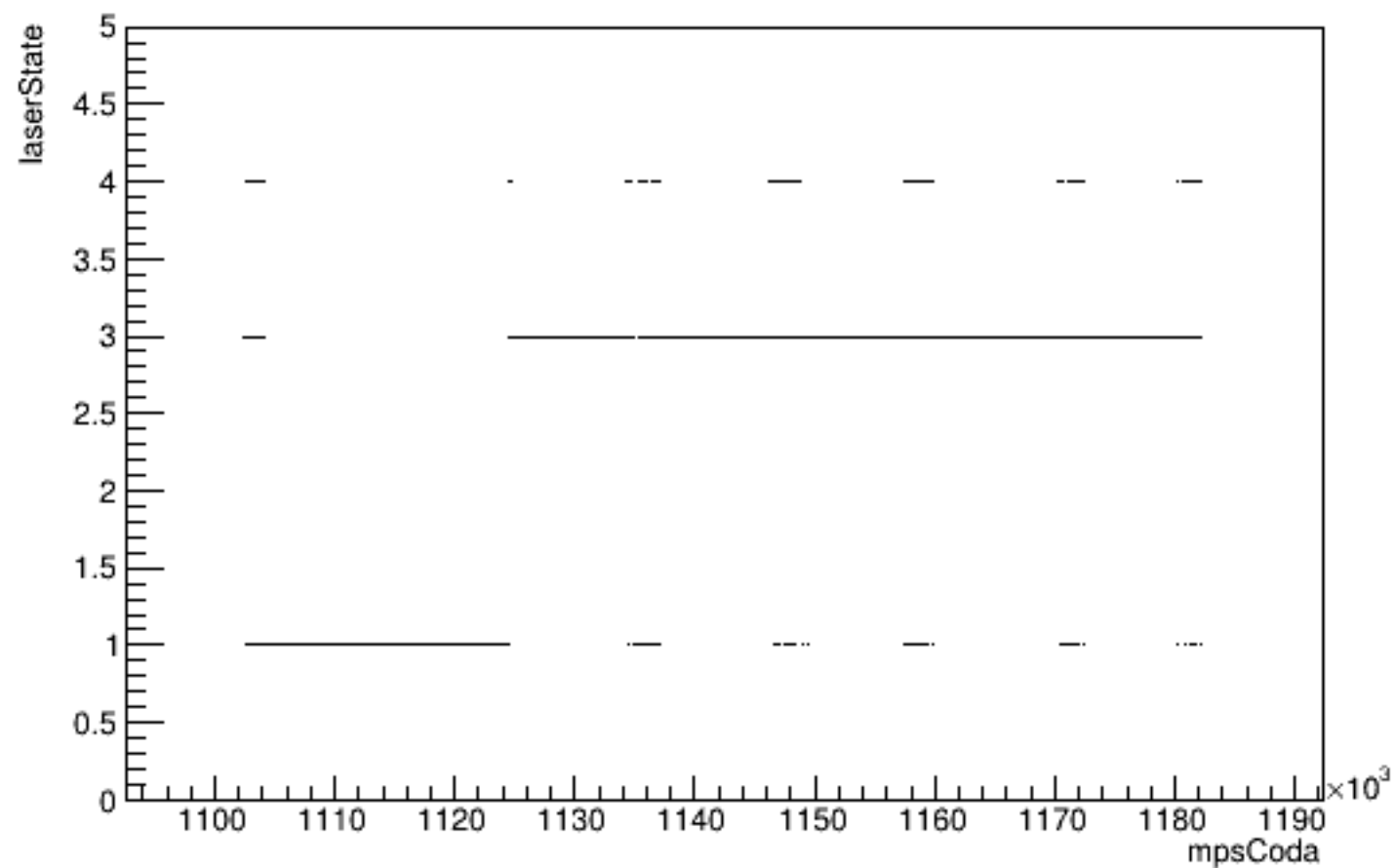


Cycle 21, Asyms

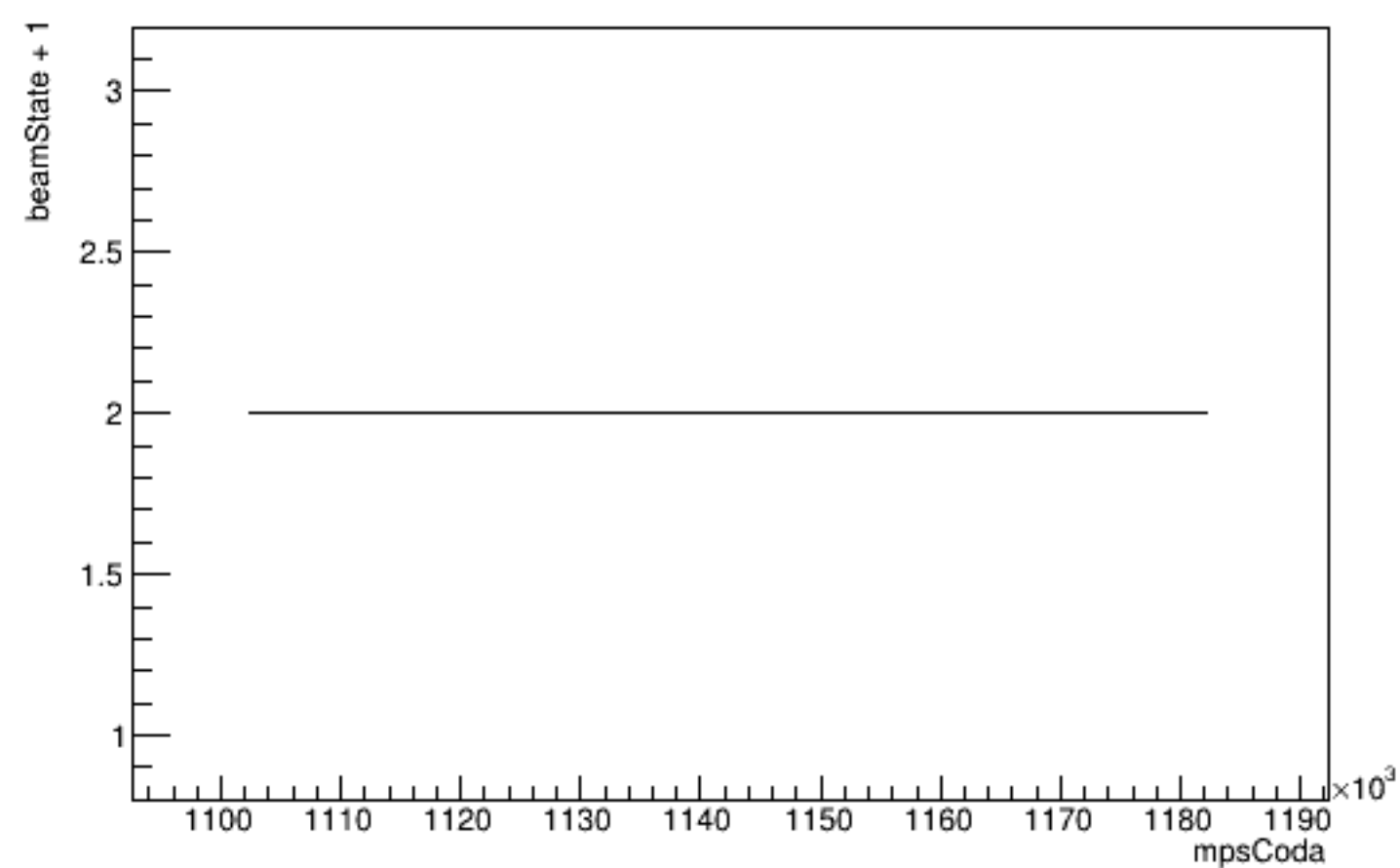
Entries: 170	Entries: 2551	Entries: 6952
Mean: 0.0014 +/- 0.0018	Mean: -0.0145 +/- 0.0006	Mean: 0.0005 +/- 0.0003
Std Dev: 0.0230 +/- 0.0012	Std Dev: 0.0301 +/- 0.0004	Std Dev: 0.0222 +/- 0.0002
Run 4531 quartetwise, Asyms		



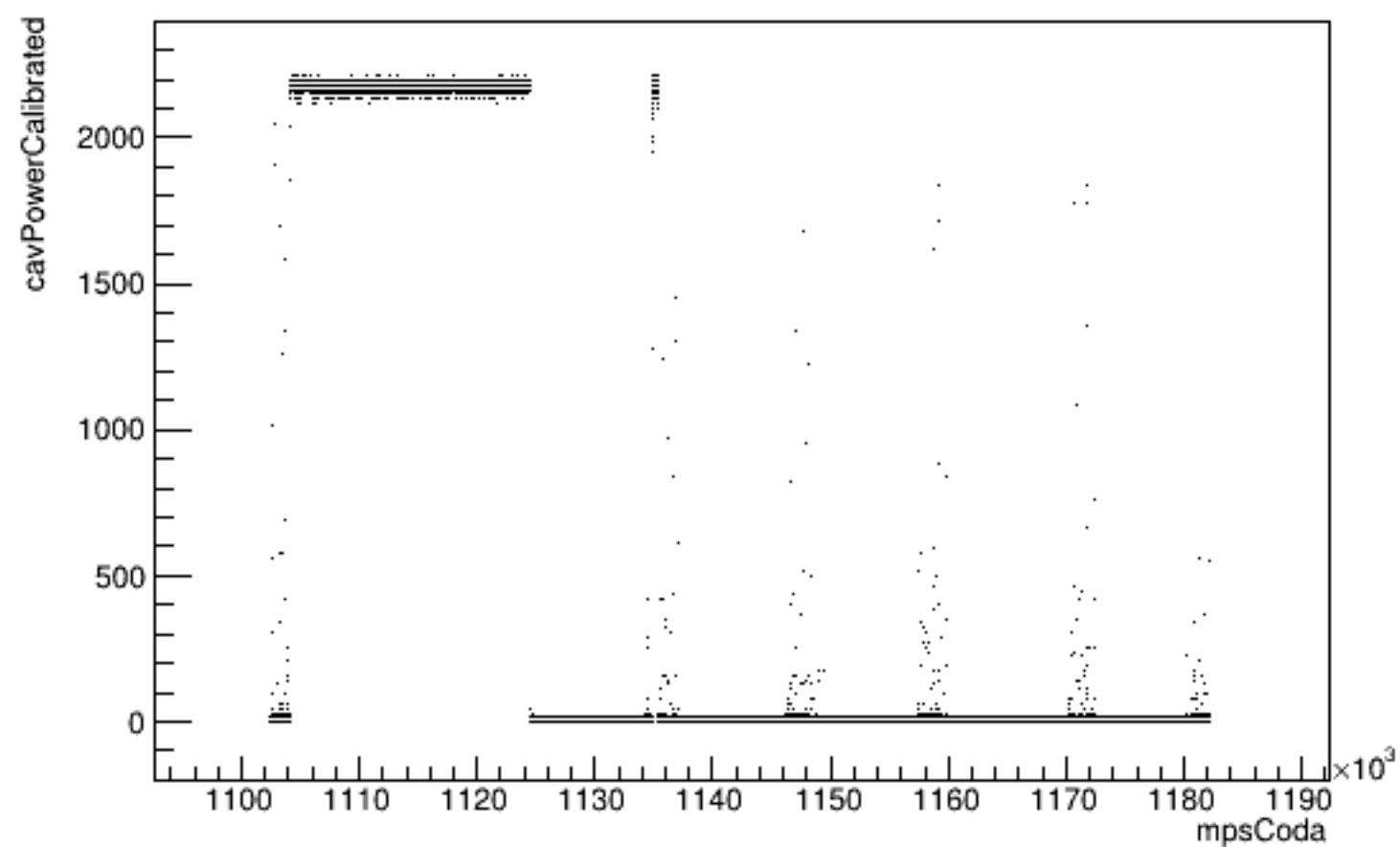
laserState:mpsCoda {mpsCoda>=1102429 && mpsCoda<=1182212}



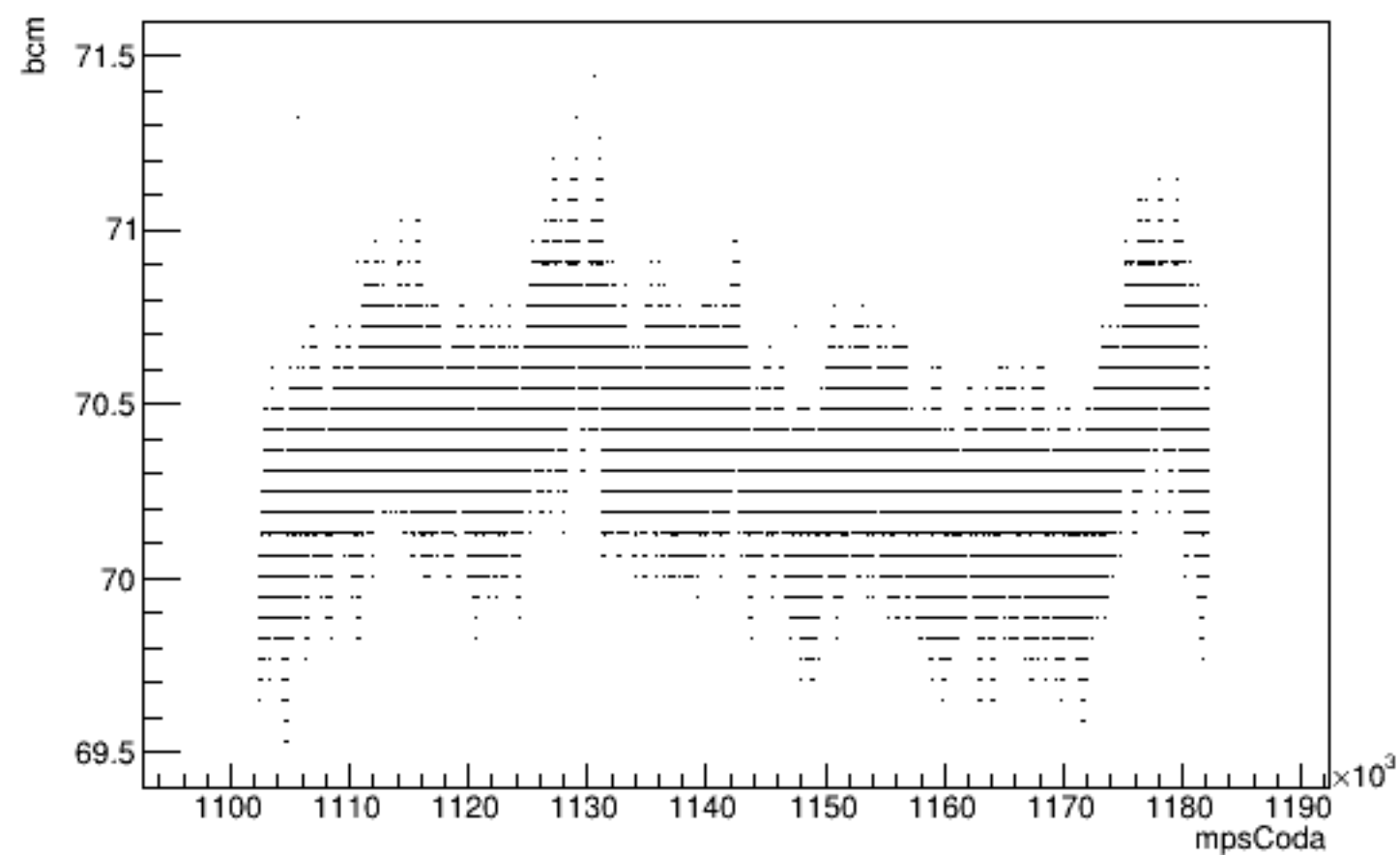
beamState + 1:mpsCoda {mpsCoda>=1102429 && mpsCoda<=1182212}



cavPowerCalibrated:mpsCoda {mpsCoda>=1102429 && mpsCoda<=1182212}



bcm:mpsCoda {mpsCoda>=1102429 && mpsCoda<=1182212}



Cycle 22, Diffs

Entries: 6952

Mean: 0.0047 +/- 0.0027

Std Dev: 0.2262 +/- 0.0019

Entries: 4748

Mean: -0.1403 +/- 0.0045

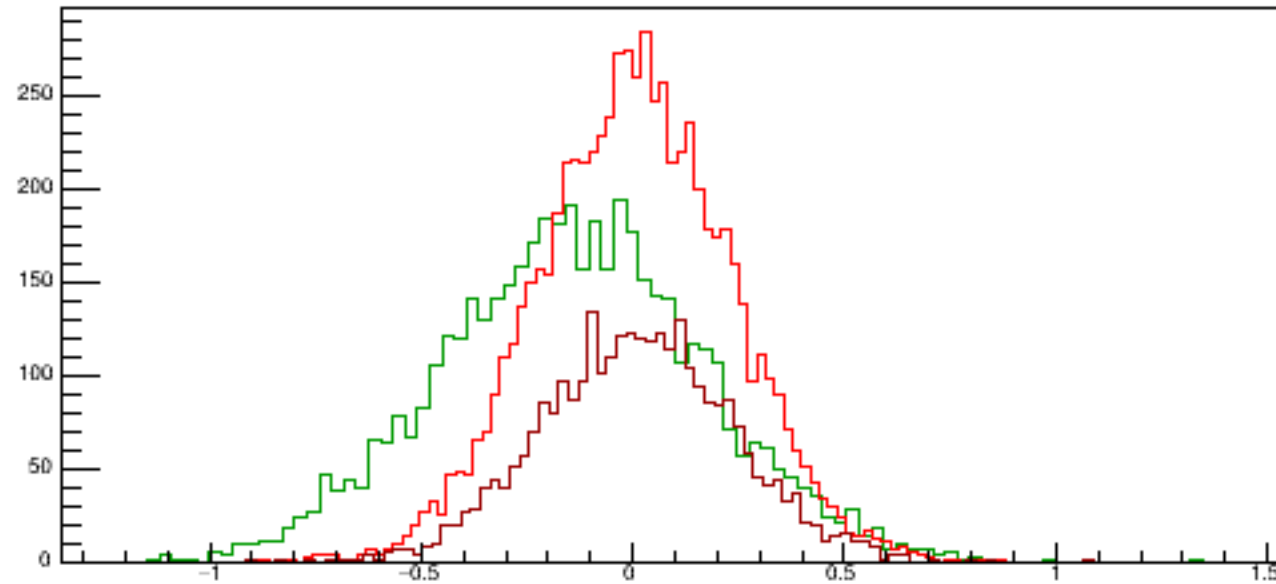
Std Dev: 0.3111 +/- 0.0032

Entries: 2975

Mean: 0.0106 +/- 0.0041

Std Dev: 0.2253 +/- 0.0029

Run 4531 quartetwise, Diffs



Cycle 22, Sums

Entries: 6952

Mean: 10.6960 +/- 0.0034

Std Dev: 0.2856 +/- 0.0024

Entries: 4748

Mean: 20.6399 +/- 0.0078

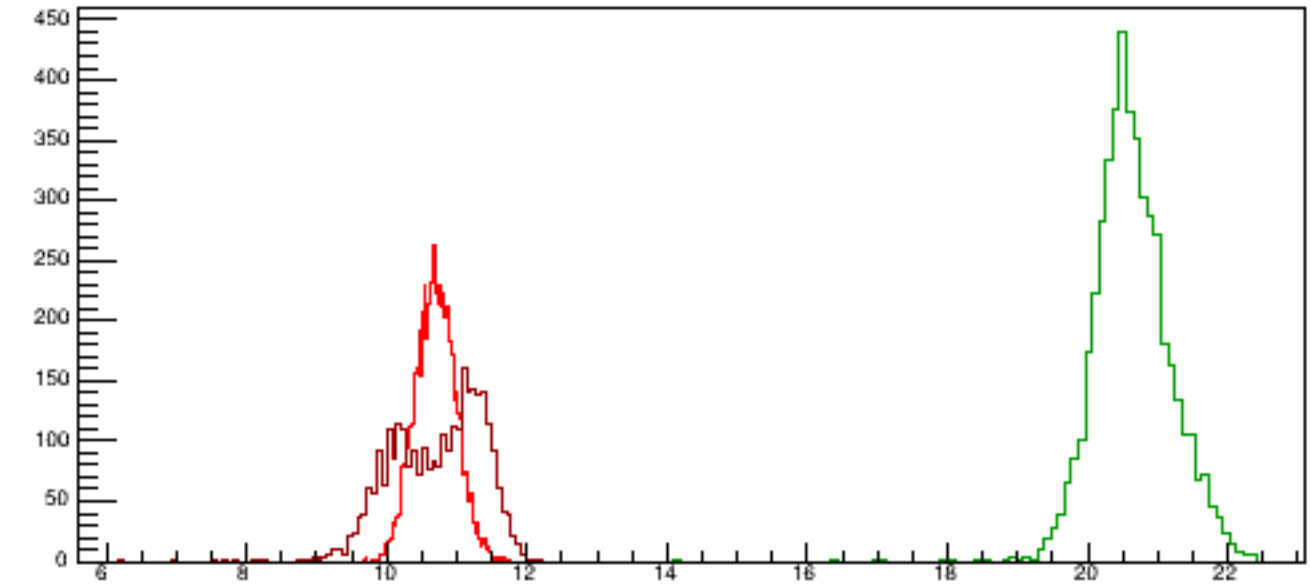
Std Dev: 0.5393 +/- 0.0055

Entries: 2975

Mean: 10.7190 +/- 0.0119

Std Dev: 0.6485 +/- 0.0084

Run 4531 quartetwise, Sums



Cycle 22, Asyms

Entries: 6952

Mean: 0.0005 +/- 0.0003

Std Dev: 0.0228 +/- 0.0002

Entries: 4748

Mean: -0.0141 +/- 0.0005

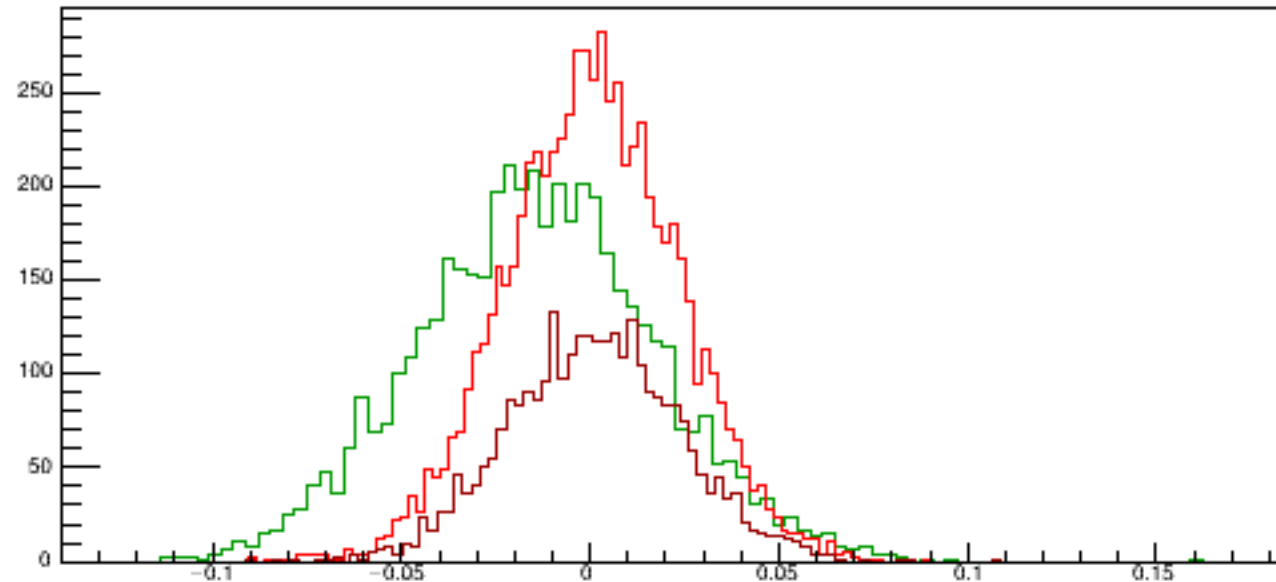
Std Dev: 0.0315 +/- 0.0003

Entries: 2975

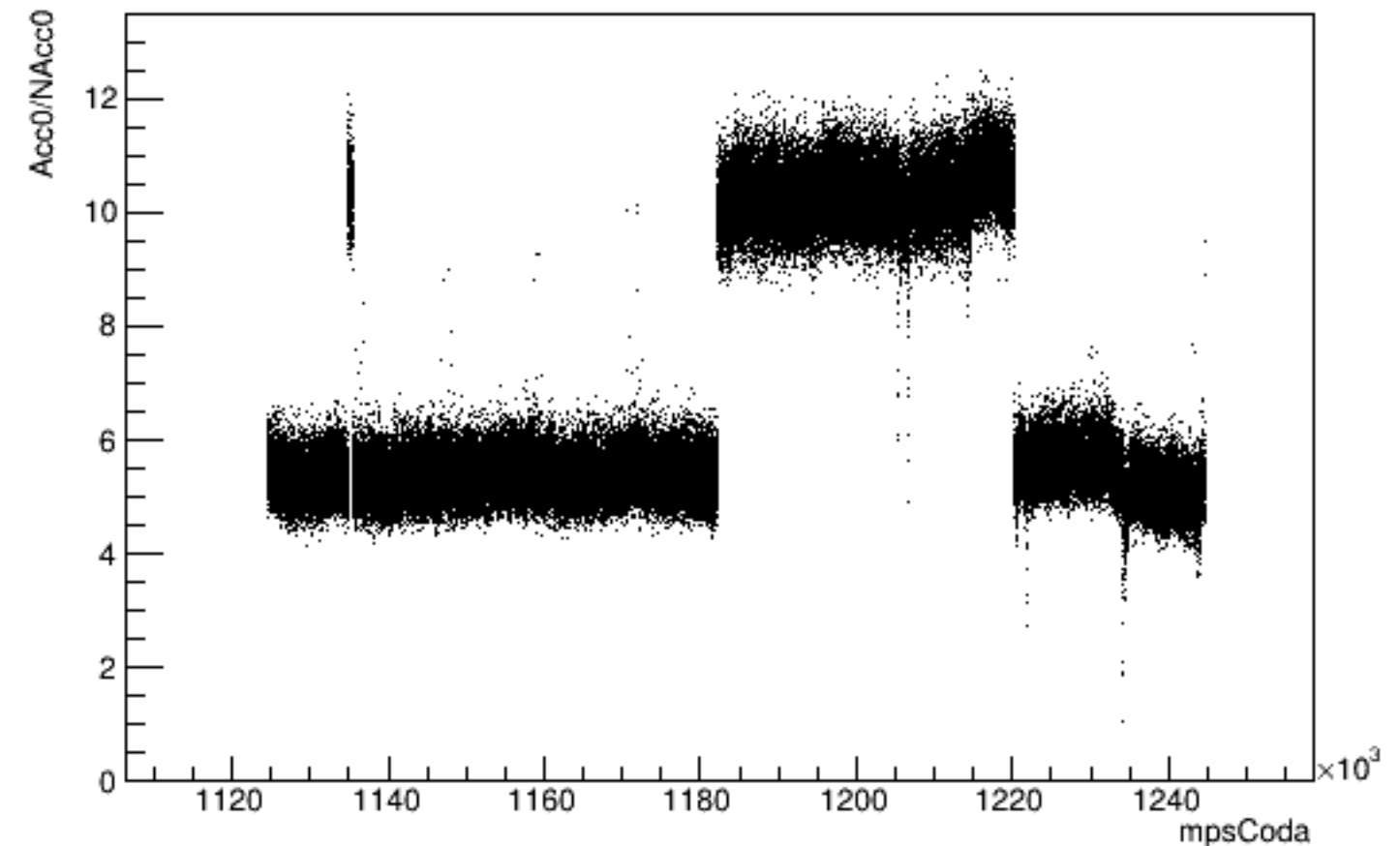
Mean: 0.0011 +/- 0.0004

Std Dev: 0.0227 +/- 0.0003

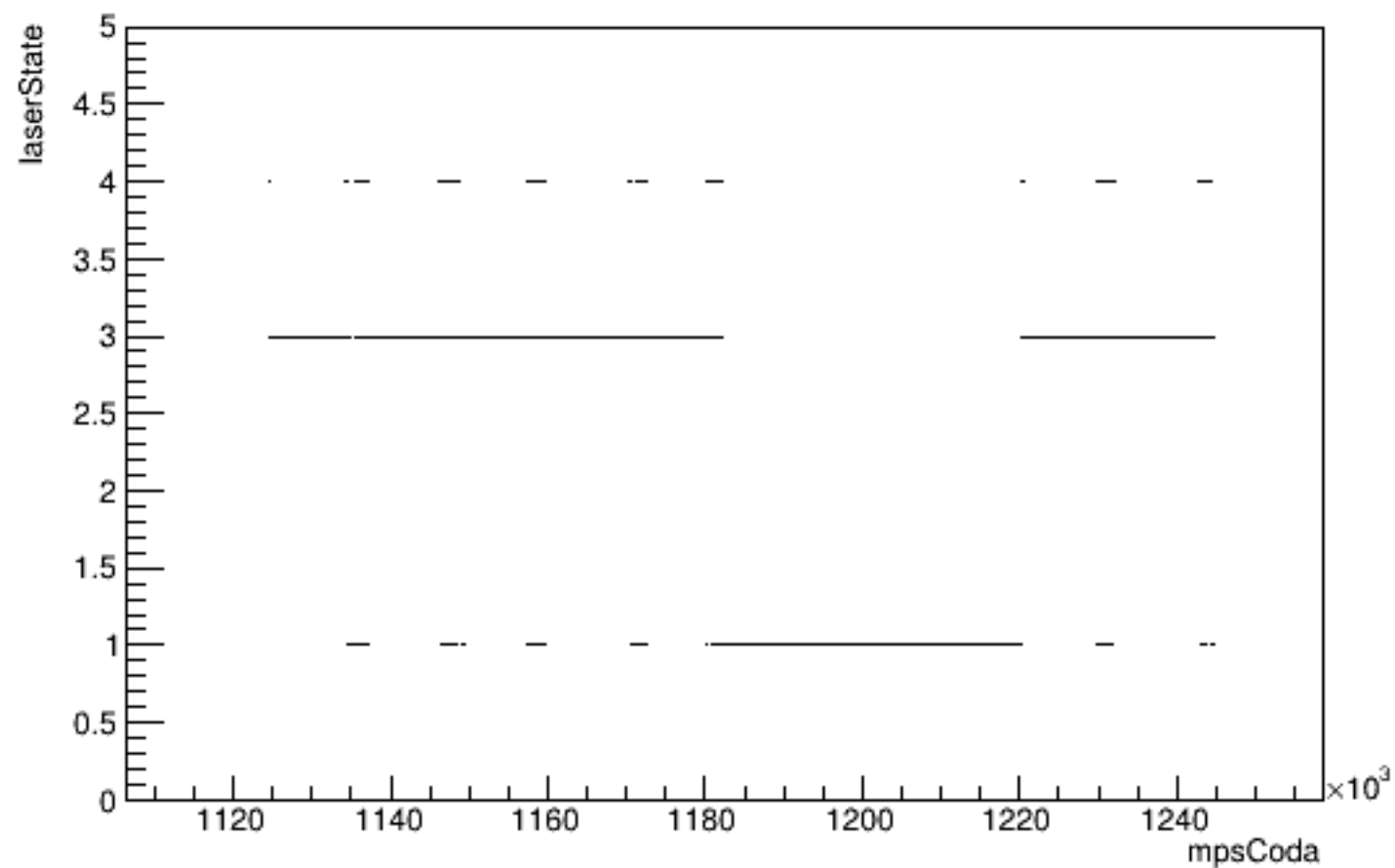
Run 4531 quartetwise, Asyms



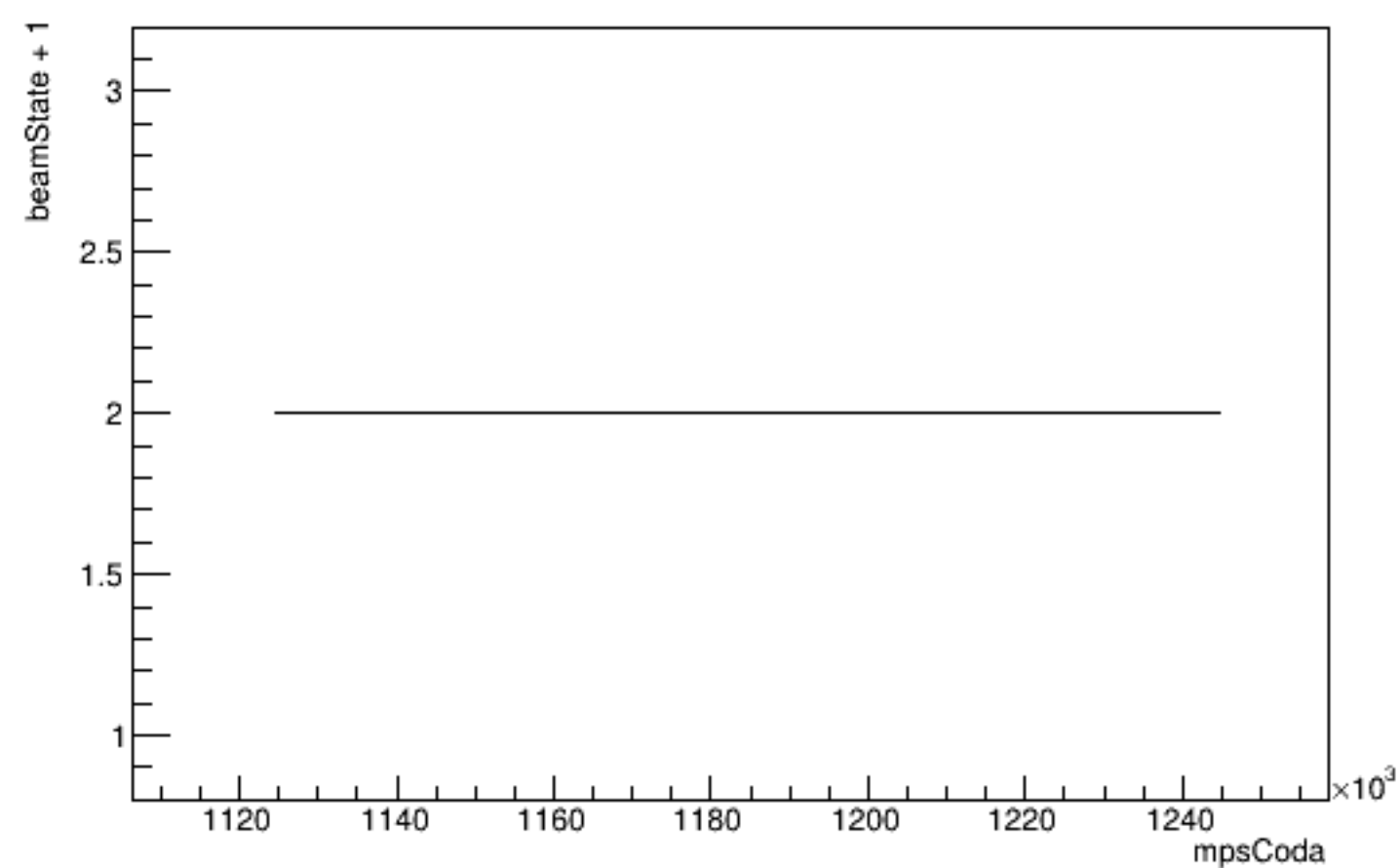
Acc0/NAcc0:mpsCoda (mpsCoda>=1124437 && mpsCoda<=1244652 && beamState==1)



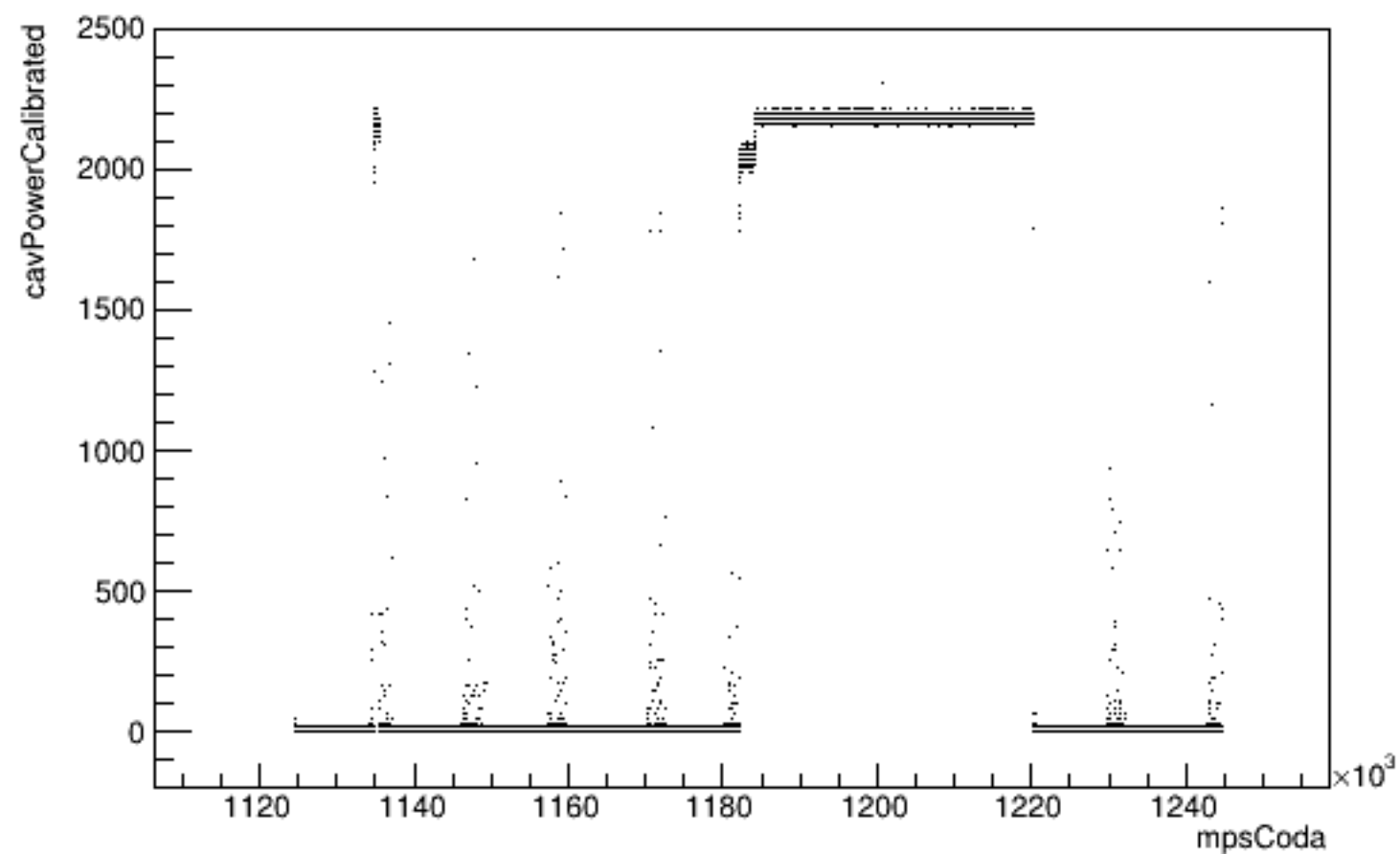
laserState:mpsCoda {mpsCoda>=1124437 && mpsCoda<=1244652}



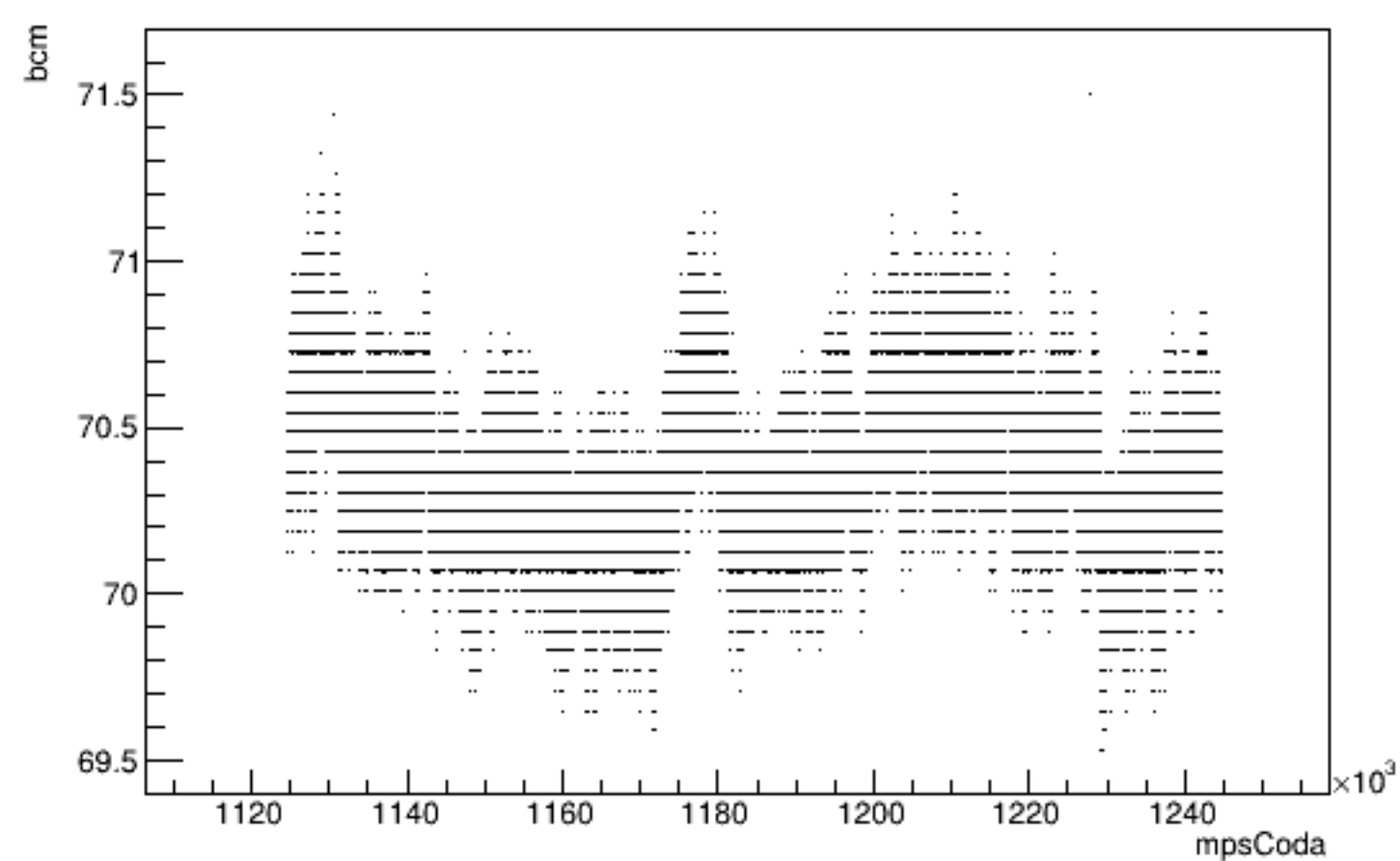
beamState + 1:mpsCoda {mpsCoda>=1124437 && mpsCoda<=1244652}



cavPowerCalibrated:mpsCoda {mpsCoda>=1124437 && mpsCoda<=1244652}



bcm:mpsCoda {mpsCoda>=1124437 && mpsCoda<=1244652}



Cycle 23, Diffs

Entries: 2975

Mean: 0.0106 +/- 0.0041

Std Dev: 0.2253 +/- 0.0029

Entries: 4757

Mean: -0.1472 +/- 0.0046

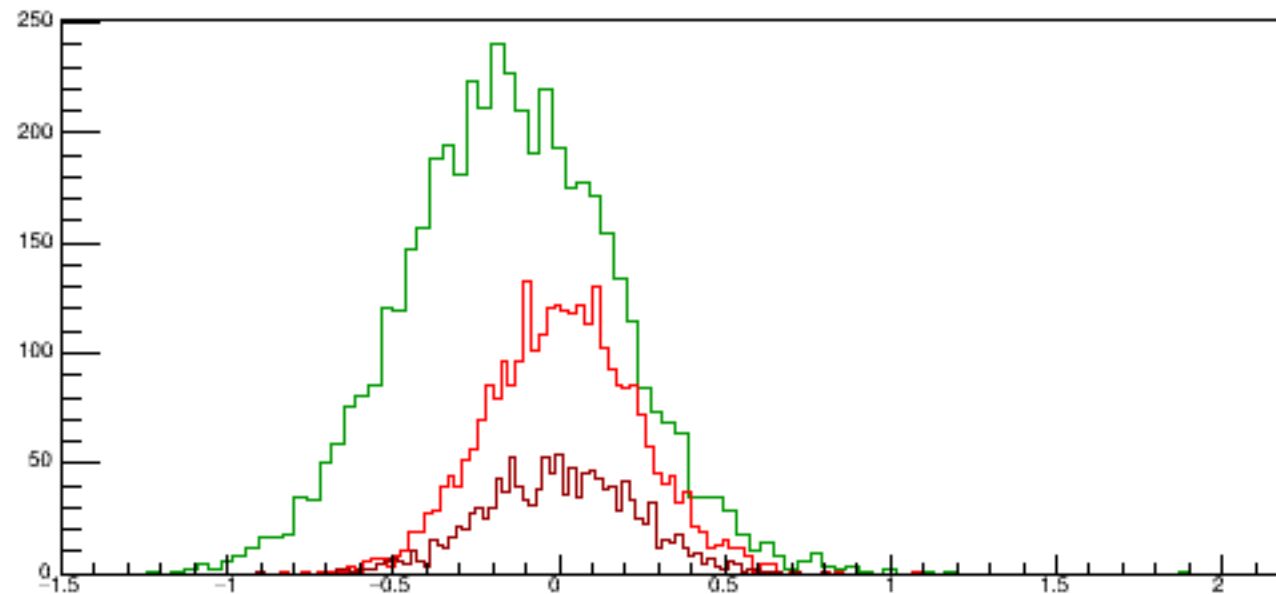
Std Dev: 0.3174 +/- 0.0033

Entries: 1330

Mean: -0.0011 +/- 0.0063

Std Dev: 0.2294 +/- 0.0044

Run 4531 quartetwise, Diffs



Cycle 23, Sums

Entries: 2975

Mean: 10.7190 +/- 0.0119

Std Dev: 0.6485 +/- 0.0084

Entries: 4757

Mean: 21.4047 +/- 0.0127

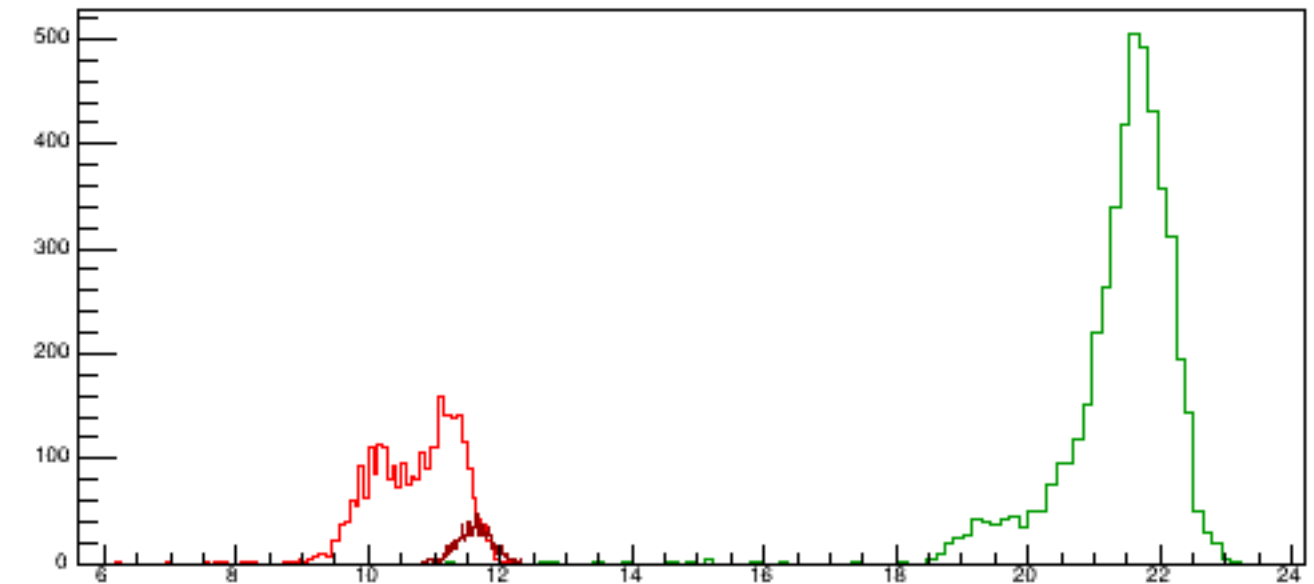
Std Dev: 0.8725 +/- 0.0089

Entries: 1330

Mean: 11.6125 +/- 0.0072

Std Dev: 0.2628 +/- 0.0051

Run 4531 quartetwise, Sums



Cycle 23, Asyms

Entries: 2975

Mean: 0.0010 +/- 0.0004

Std Dev: 0.0220 +/- 0.0003

Entries: 4757

Mean: -0.0106 +/- 0.0040

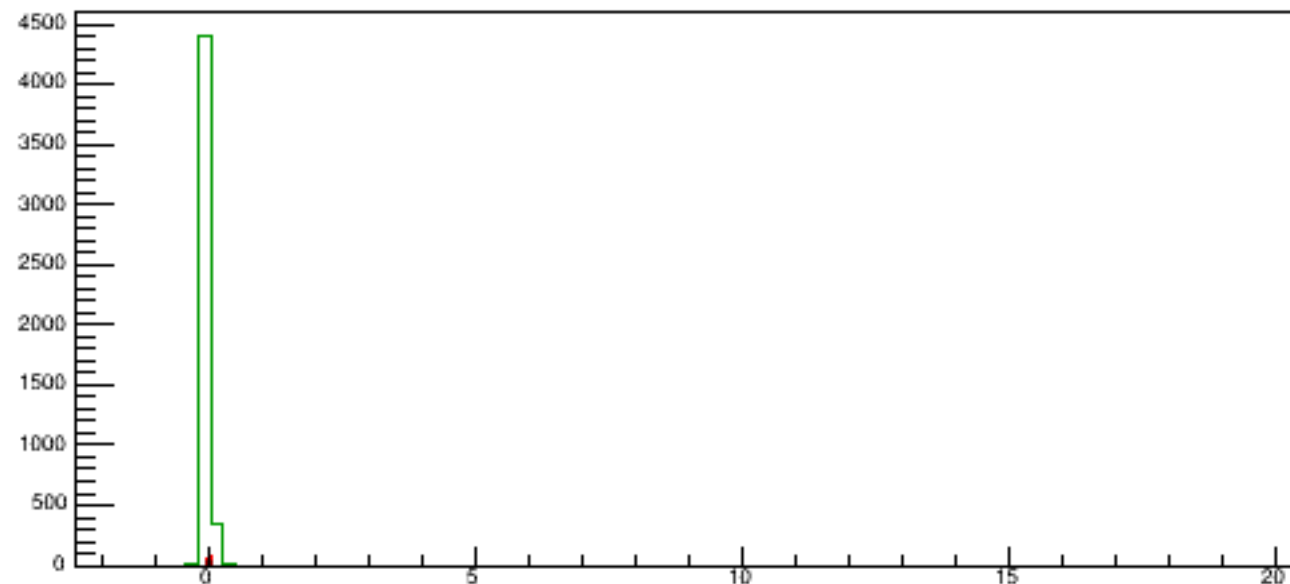
Std Dev: 0.2741 +/- 0.0028

Entries: 1330

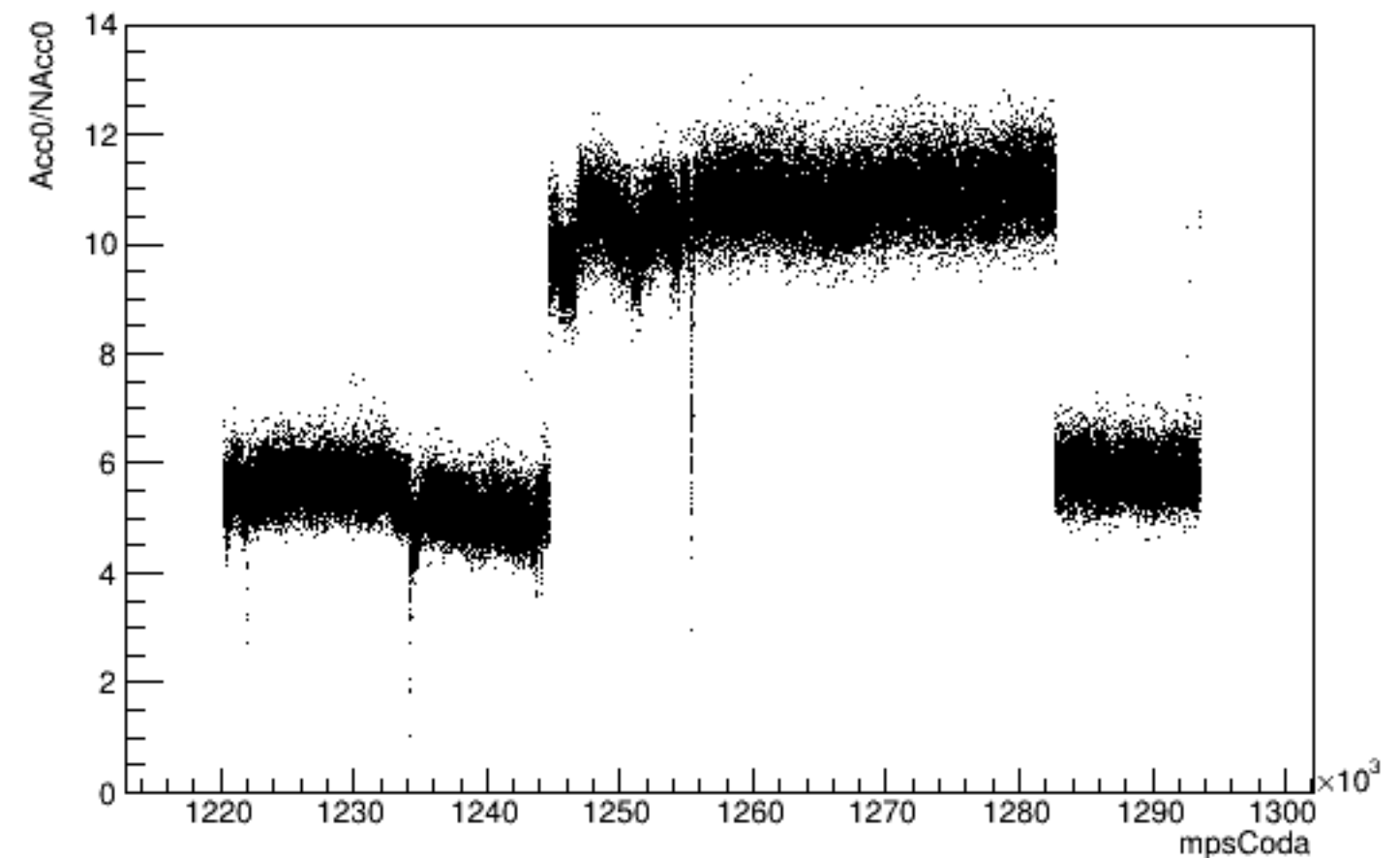
Mean: -0.0001 +/- 0.0006

Std Dev: 0.0224 +/- 0.0004

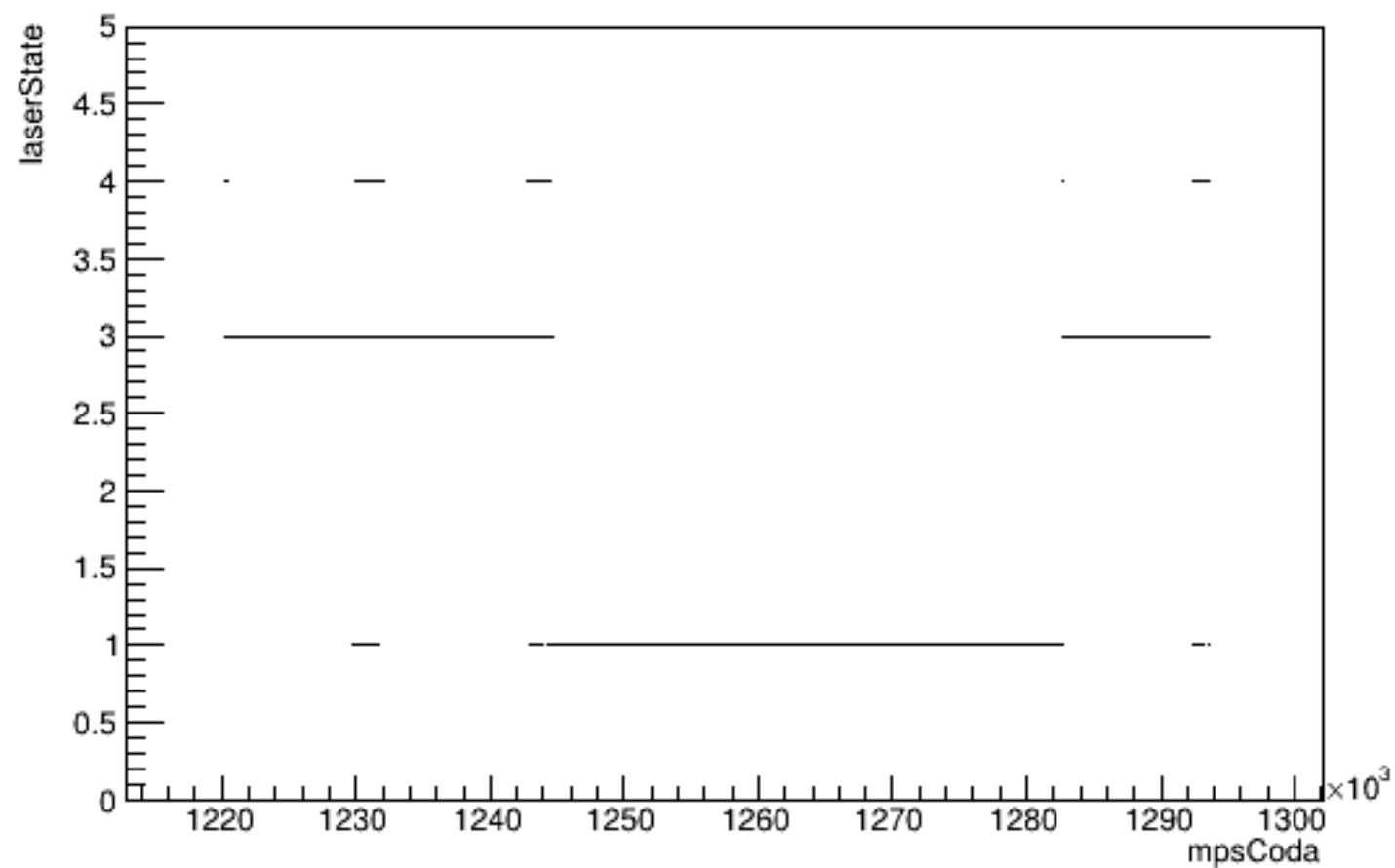
Run 4531 quartetwise, Asyms



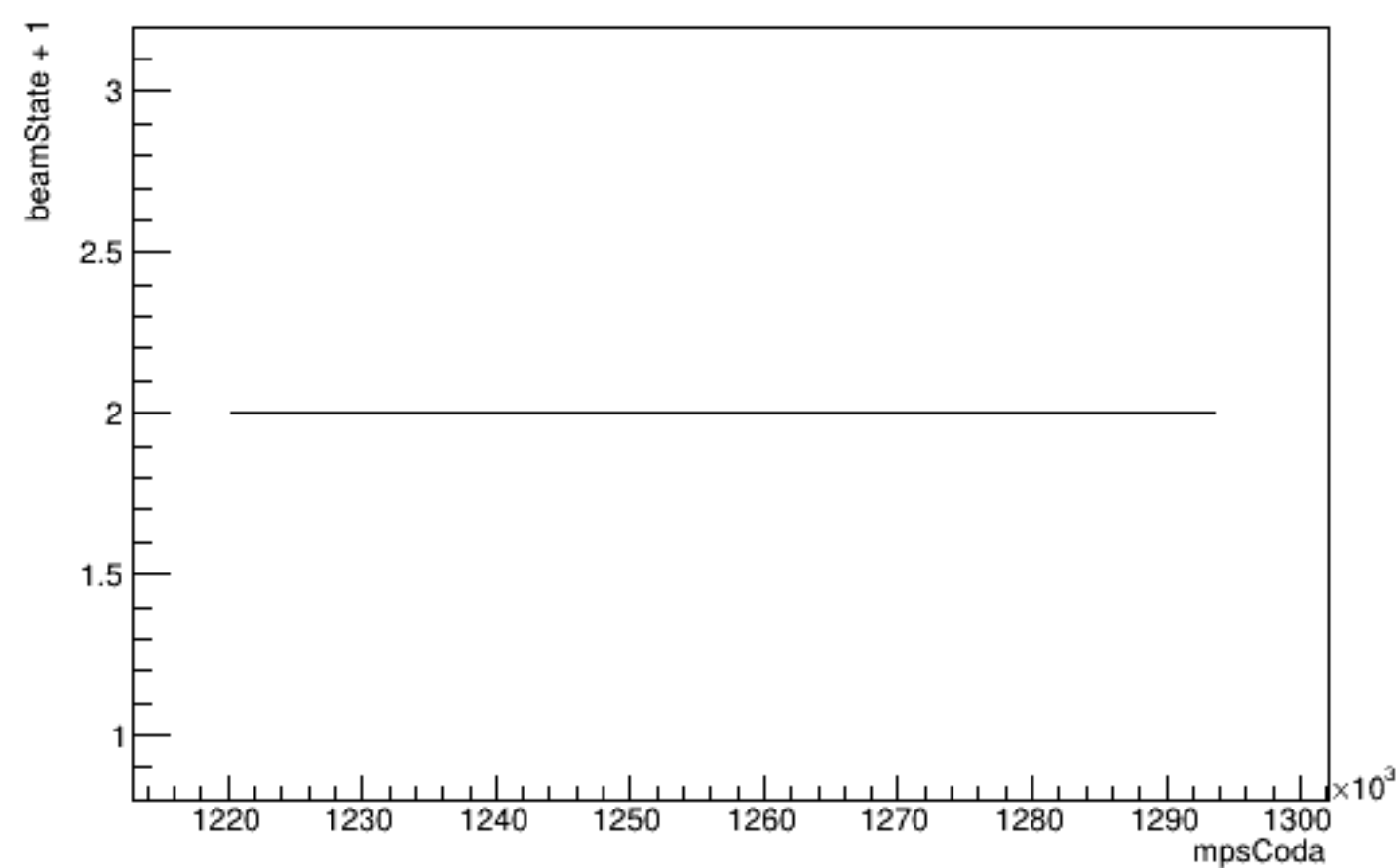
Acc0/NAcc0:mpsCoda (mpsCoda>=1220205 && mpsCoda<=1293540 && beamState==1)



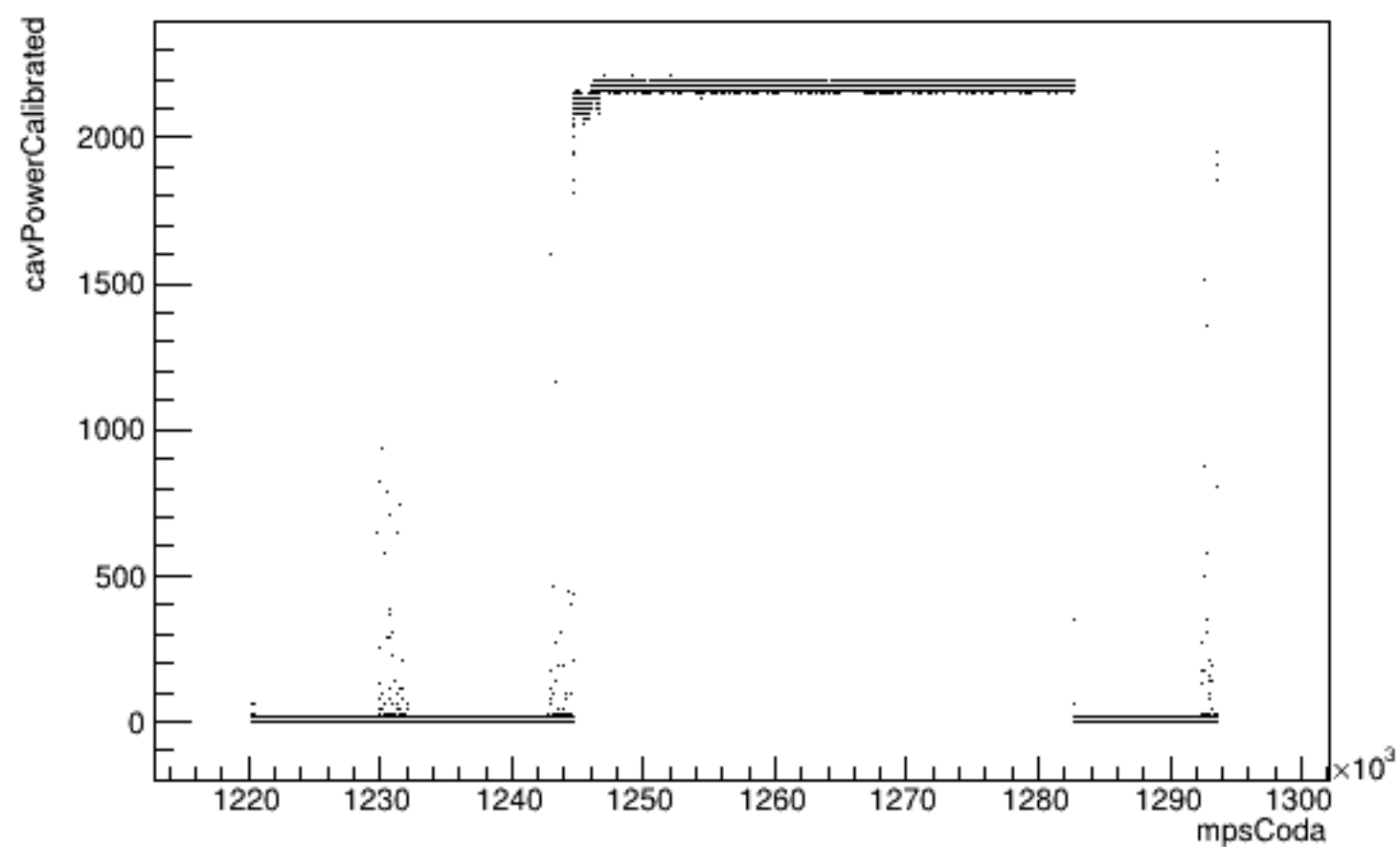
laserState:mpsCoda {mpsCoda>=1220205 && mpsCoda<=1293540}



beamState + 1:mpsCoda {mpsCoda>=1220205 && mpsCoda<=1293540}



cavPowerCalibrated:mpsCoda {mpsCoda>=1220205 && mpsCoda<=1293540}



bcm:mpsCoda {mpsCoda>=1220205 && mpsCoda<=1293540}

