

Cycle 1, Diffs

Entries: 1008

Mean: 0.0016 +/- 0.0114

Std Dev: 0.3626 +/- 0.0081

Entries: 3793

Mean: 0.0775 +/- 0.0065

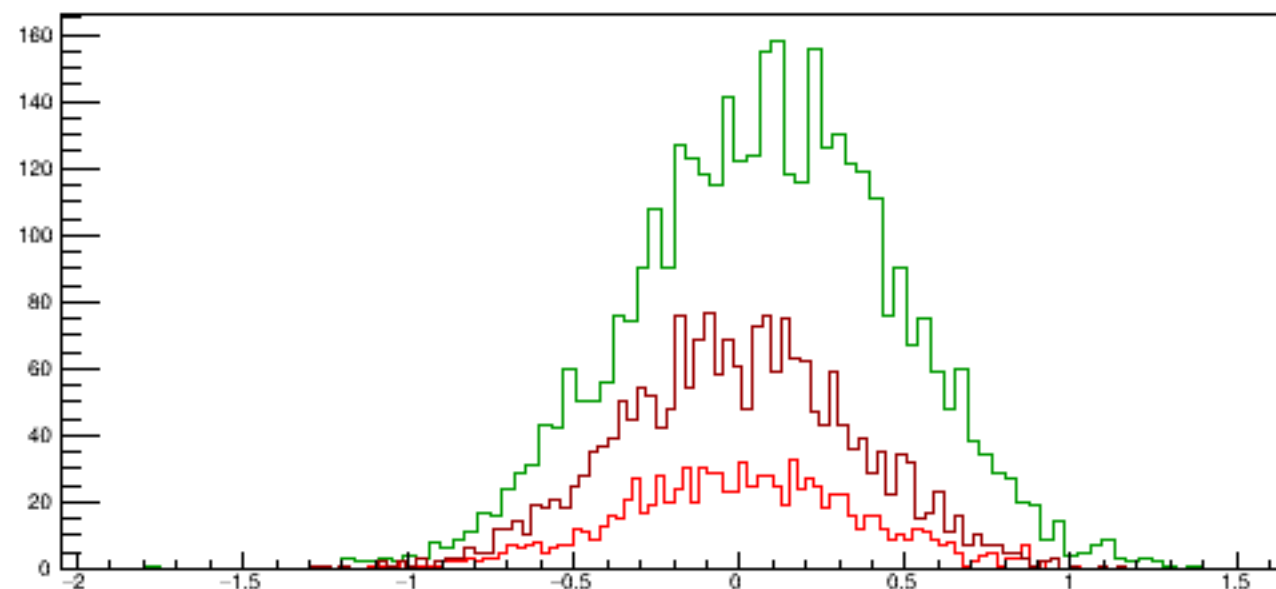
Std Dev: 0.3997 +/- 0.0046

Entries: 2089

Mean: -0.0081 +/- 0.0078

Std Dev: 0.3562 +/- 0.0055

Run 4436 quartetwise, Diffs



Cycle 1, Sums

Entries: 1008

Mean: 17.4339 +/- 0.0122

Std Dev: 0.3868 +/- 0.0086

Entries: 3793

Mean: 22.5857 +/- 0.0087

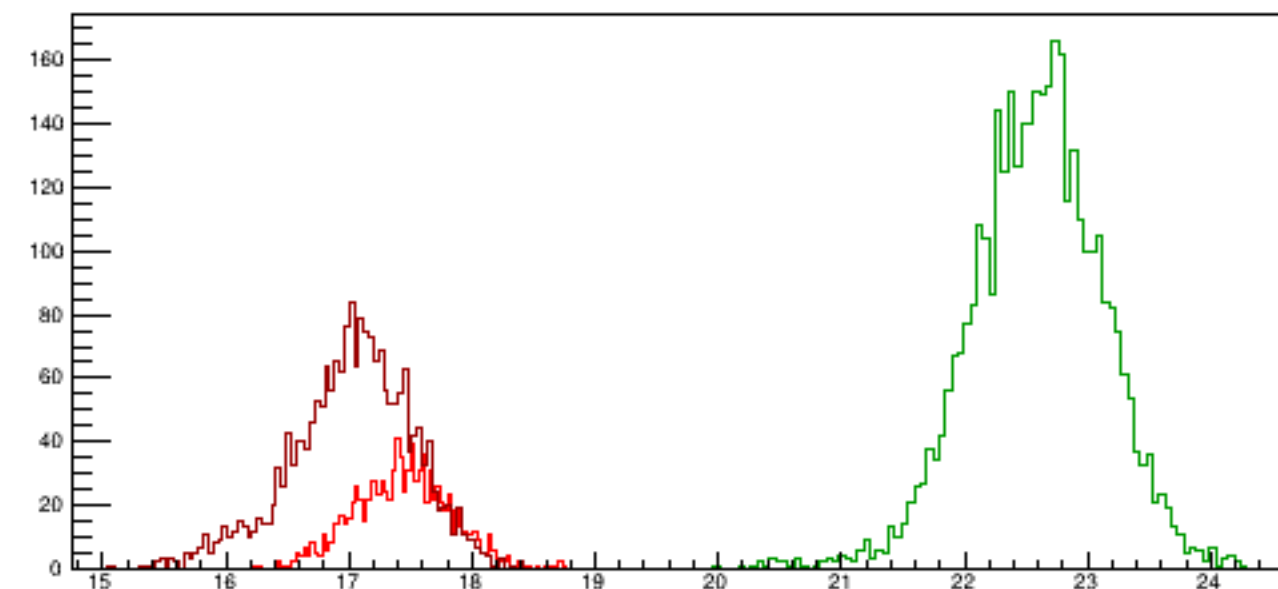
Std Dev: 0.5382 +/- 0.0062

Entries: 2089

Mean: 17.0220 +/- 0.0109

Std Dev: 0.4969 +/- 0.0077

Run 4436 quartetwise, Sums



Cycle 1, Asyms

Entries: 1008

Mean: 0.0003 +/- 0.0021

Std Dev: 0.0677 +/- 0.0015

Entries: 3793

Mean: 0.0149 +/- 0.0012

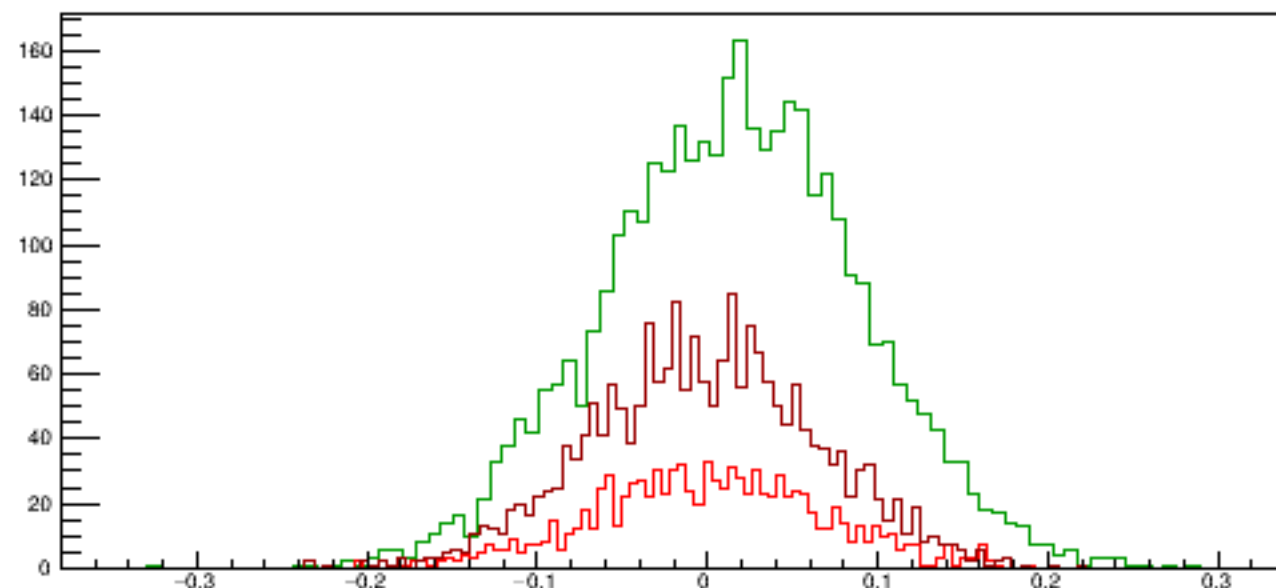
Std Dev: 0.0756 +/- 0.0009

Entries: 2089

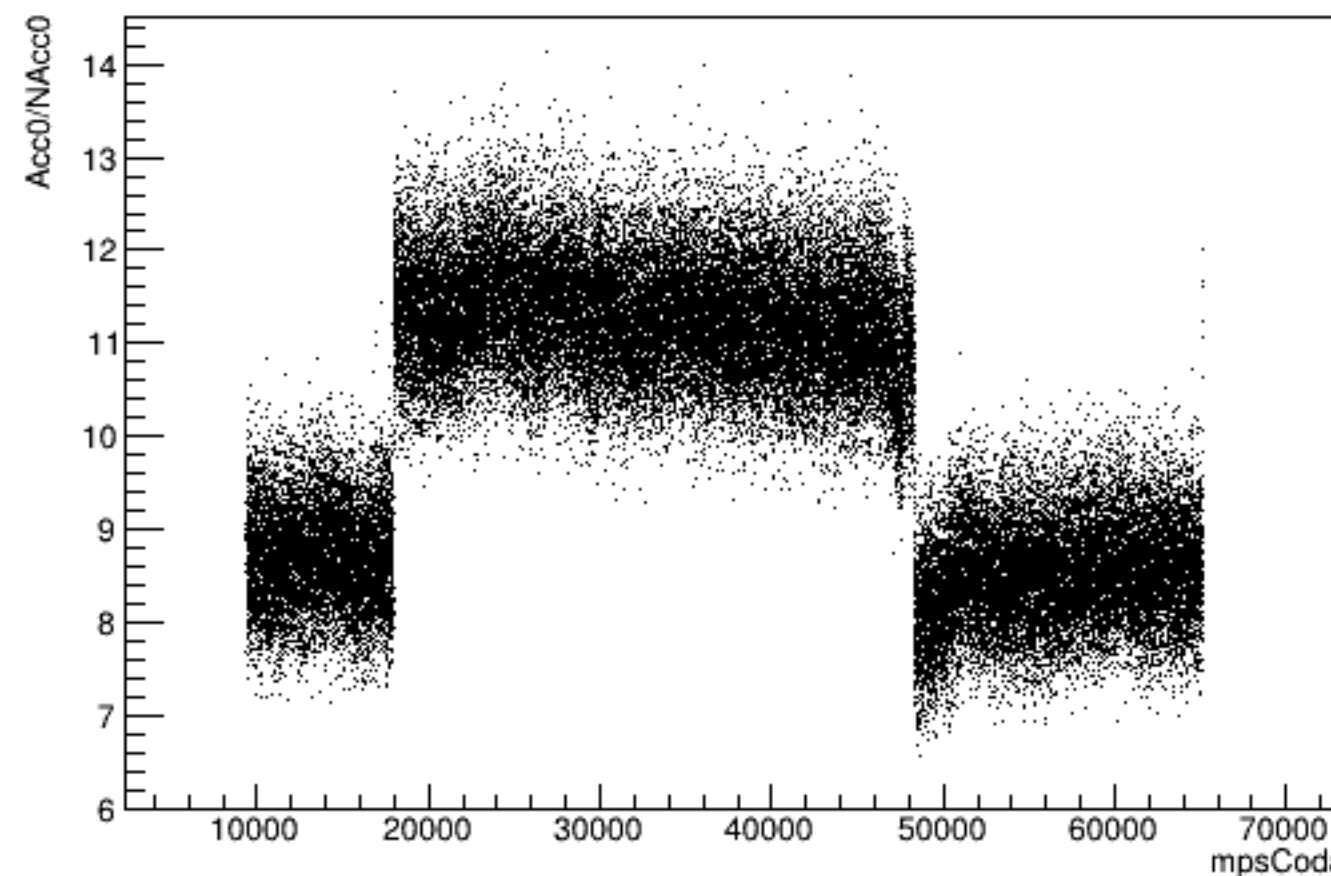
Mean: -0.0015 +/- 0.0015

Std Dev: 0.0665 +/- 0.0010

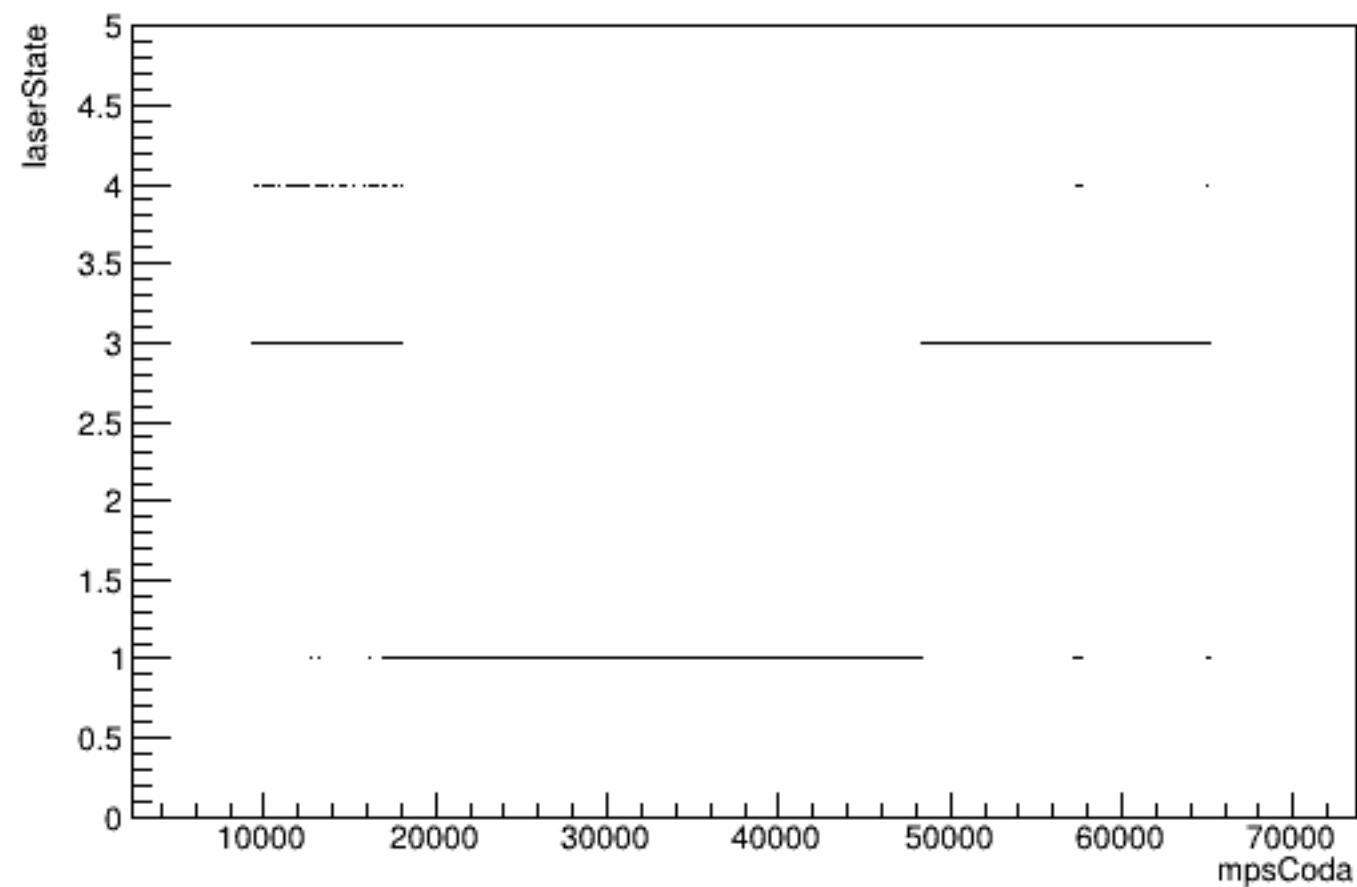
Run 4436 quartetwise, Asyms



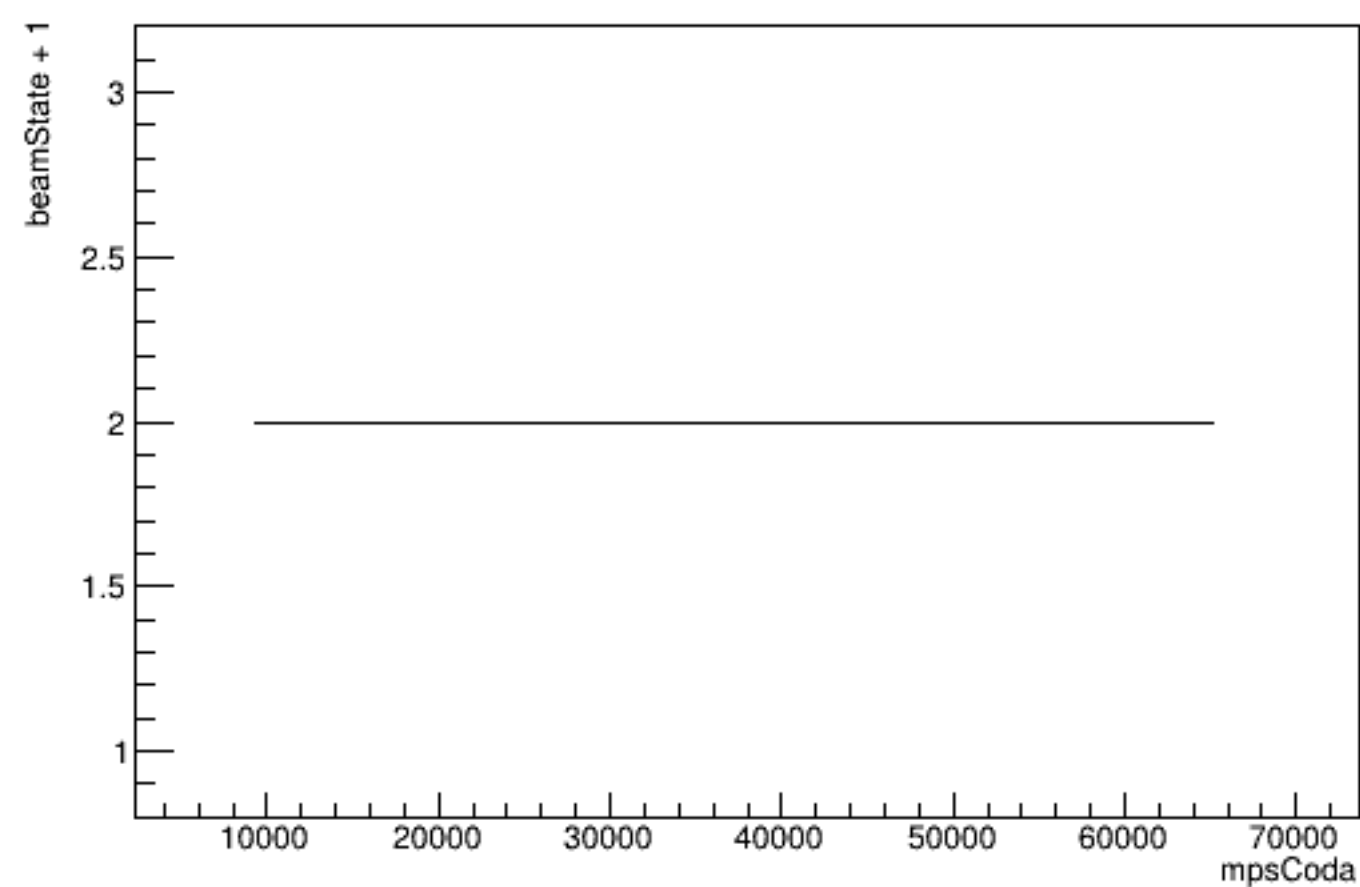
Acc0/NAcc0:mpsCoda {mpsCoda>=9386 && mpsCoda<=65113 && beamState==1}



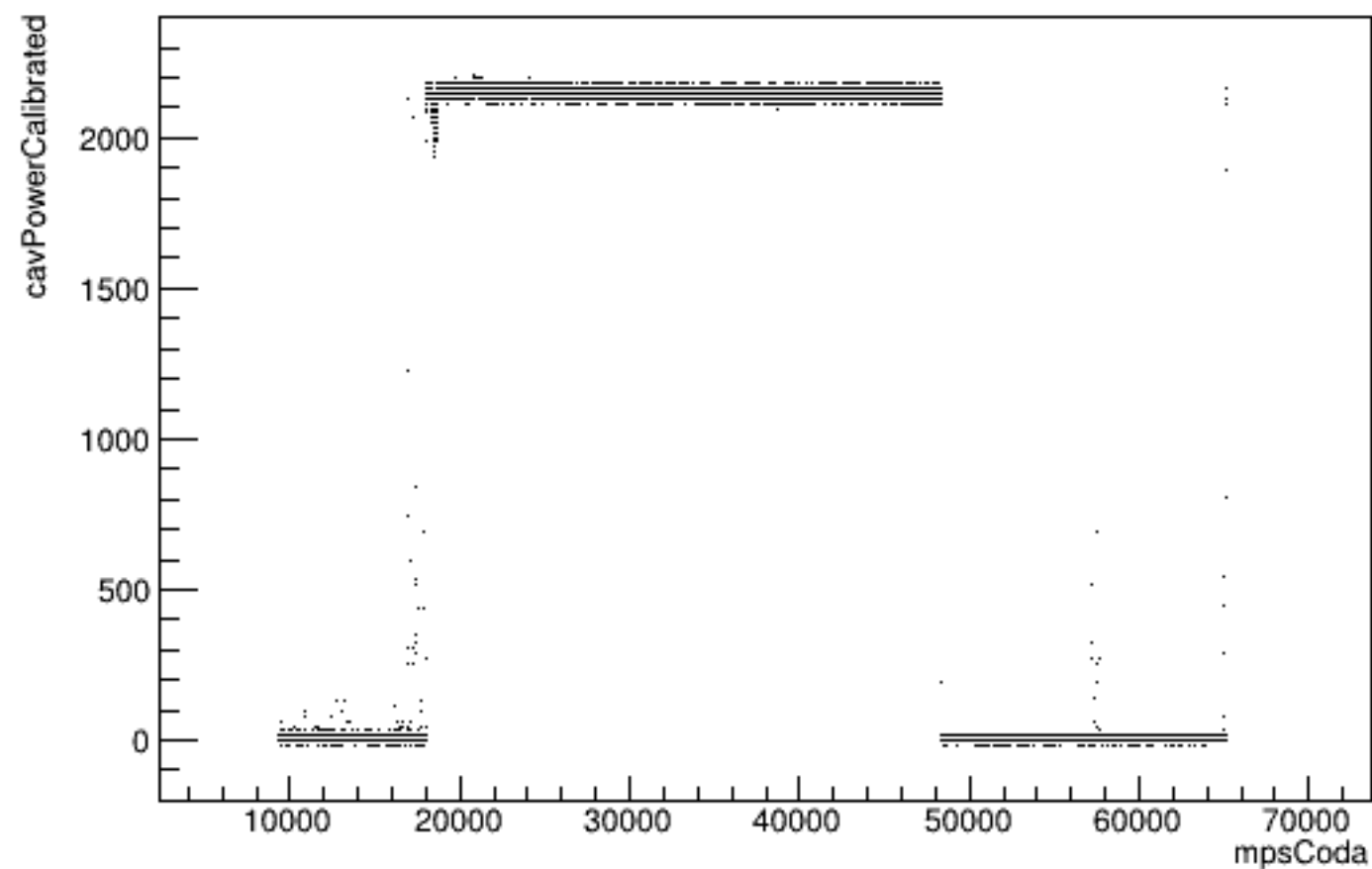
laserState:mpsCoda {mpsCoda>=9386 && mpsCoda<=65113}



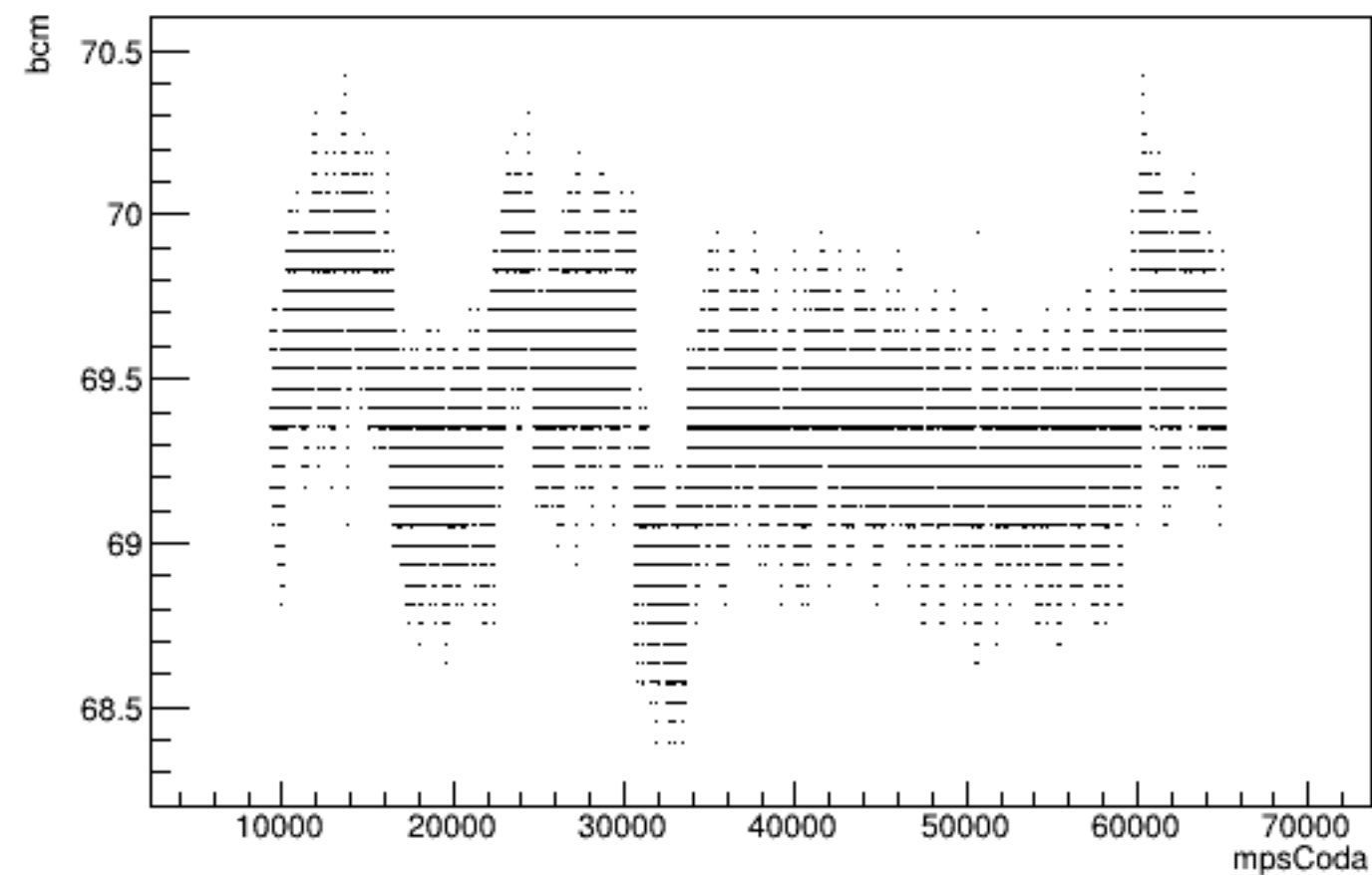
beamState + 1:mpsCoda {mpsCoda>=9386 && mpsCoda<=65113}



cavPowerCalibrated:mpsCoda {mpsCoda>=9386 && mpsCoda<=65113}



bcm:mpsCoda {mpsCoda>=9386 && mpsCoda<=65113}



Cycle 2, Diffs

Entries: 2089

Mean: -0.0081 +/- 0.0078

Std Dev: 0.3562 +/- 0.0055

Entries: 3732

Mean: 0.0958 +/- 0.0064

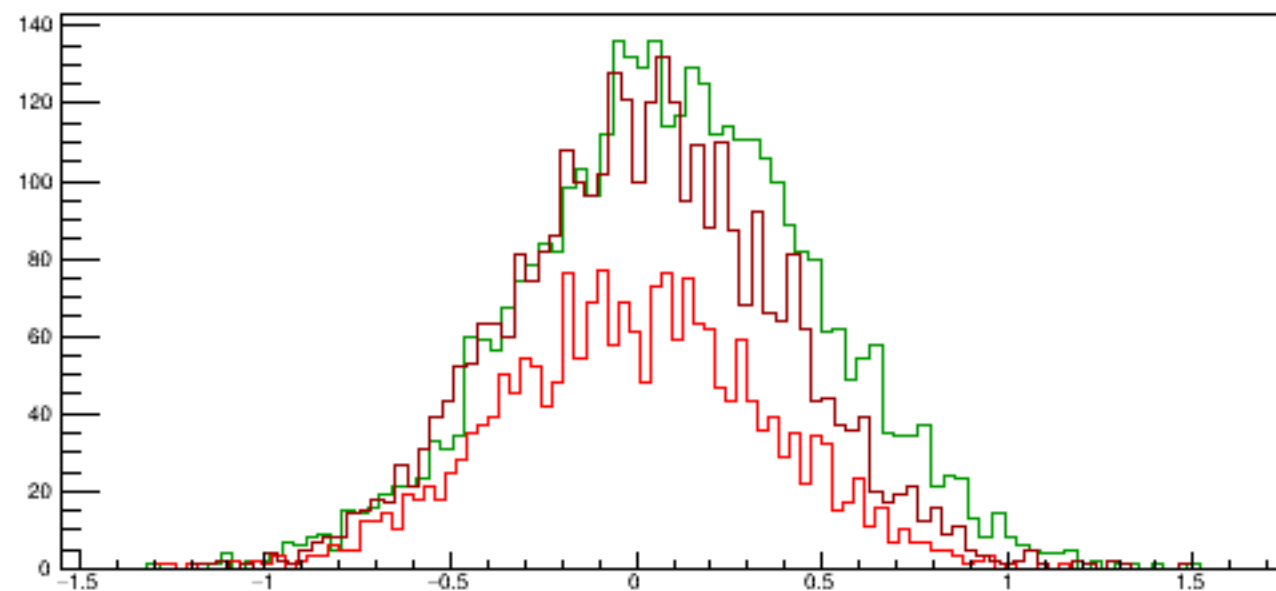
Std Dev: 0.3924 +/- 0.0045

Entries: 3278

Mean: 0.0216 +/- 0.0064

Std Dev: 0.3653 +/- 0.0045

Run 4436 quartetwise, Diffs



Cycle 2, Sums

Entries: 2089

Mean: 17.0220 +/- 0.0109

Std Dev: 0.4969 +/- 0.0077

Entries: 3732

Mean: 22.5307 +/- 0.0083

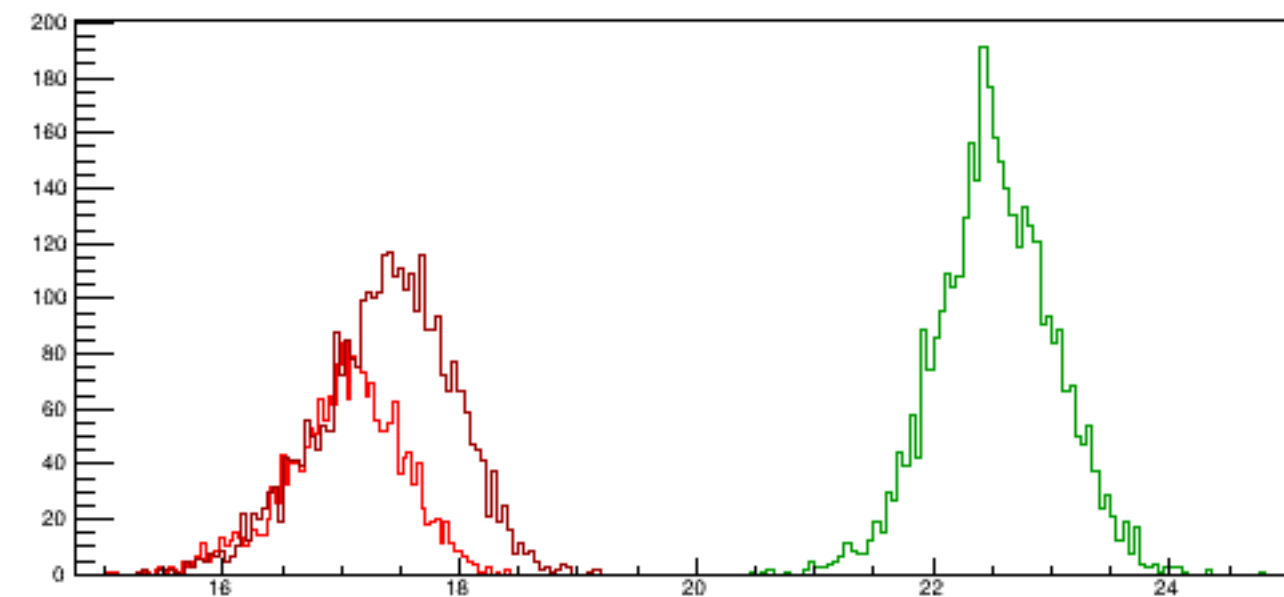
Std Dev: 0.5050 +/- 0.0058

Entries: 3278

Mean: 17.3689 +/- 0.0100

Std Dev: 0.5724 +/- 0.0071

Run 4436 quartetwise, Sums



Cycle 2, Asyms

Entries: 2089

Mean: -0.0015 +/- 0.0015

Std Dev: 0.0668 +/- 0.0010

Entries: 3732

Mean: 0.0179 +/- 0.0012

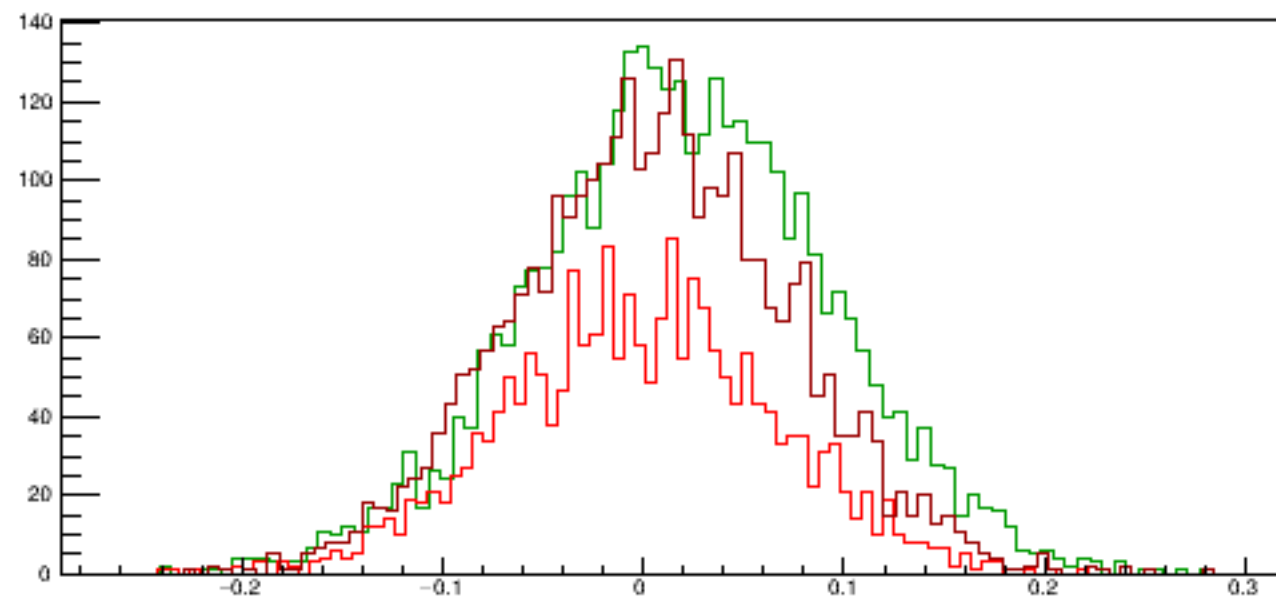
Std Dev: 0.0740 +/- 0.0009

Entries: 3278

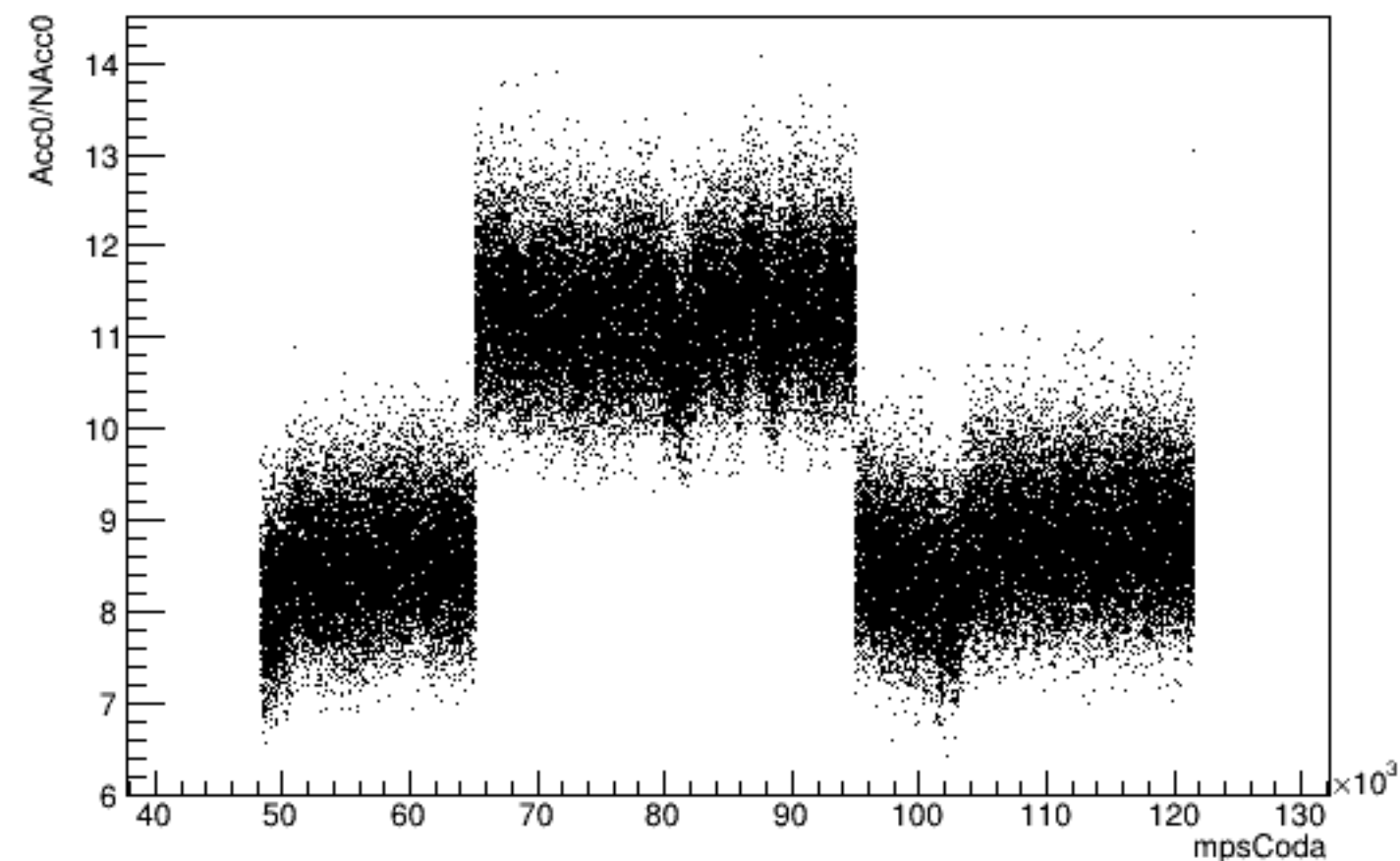
Mean: 0.0041 +/- 0.0012

Std Dev: 0.0685 +/- 0.0008

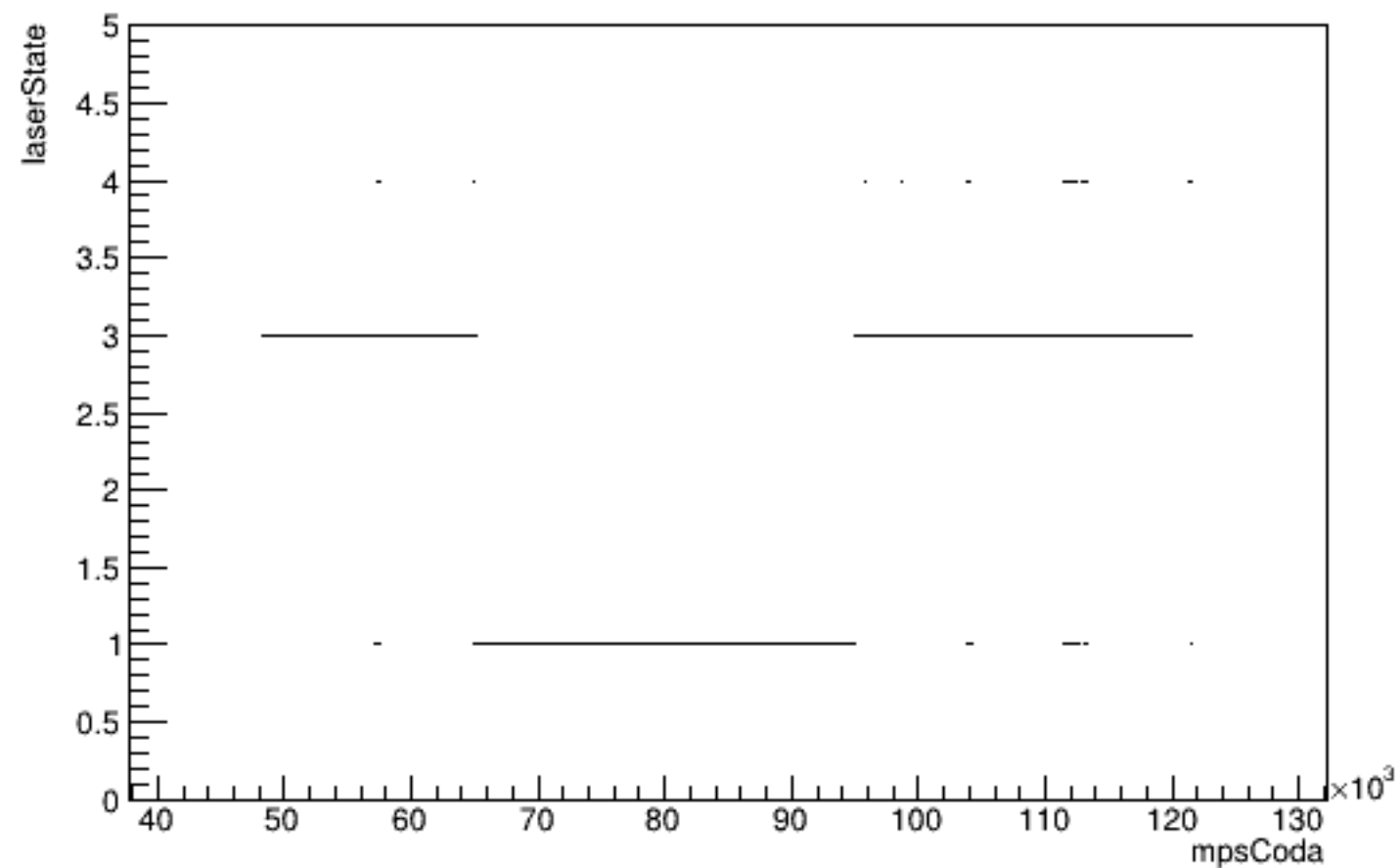
Run 4436 quartetwise, Asyms



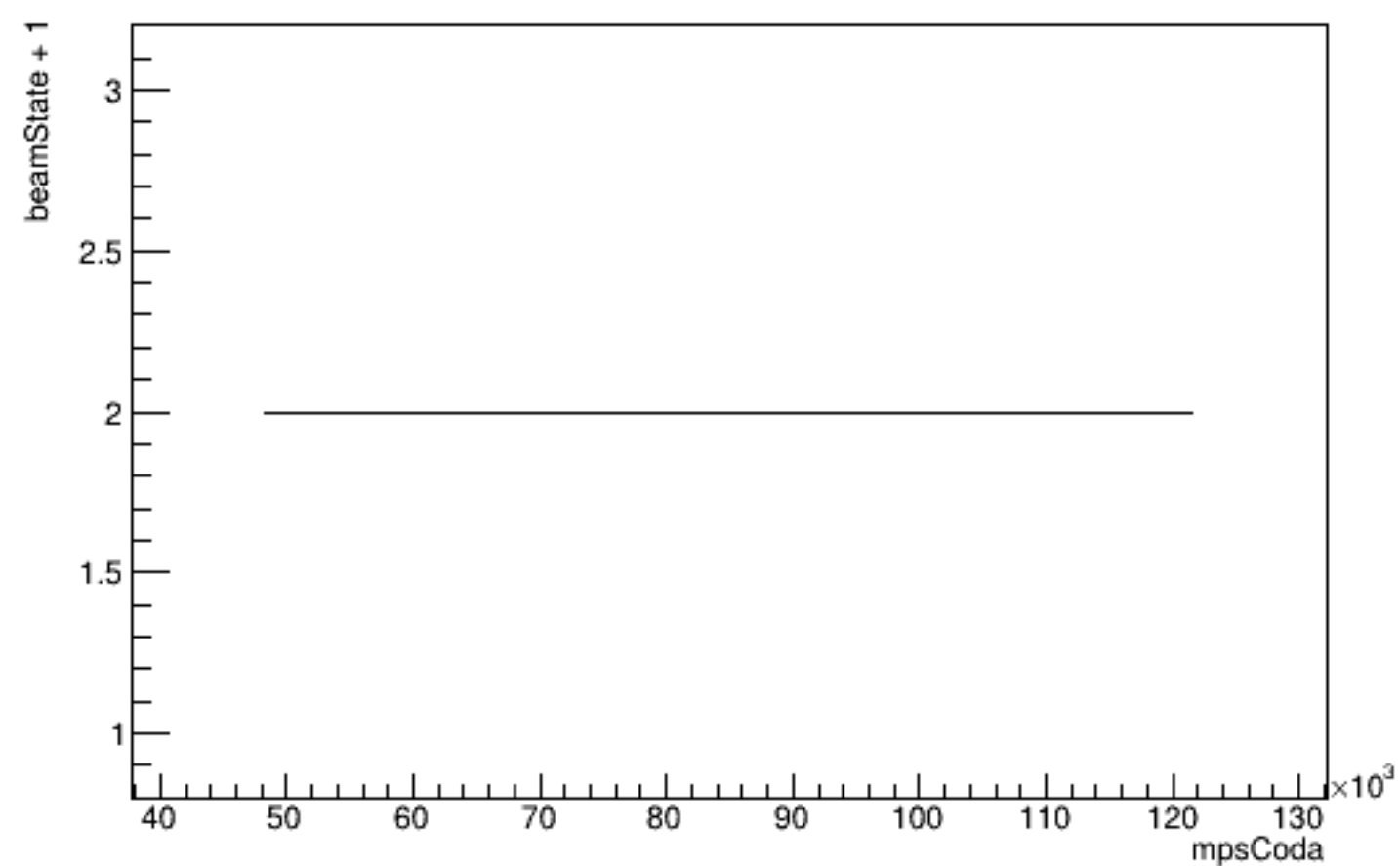
Acc0/NAcc0:mpsCoda {mpsCoda>=48306 && mpsCoda<=121577 && beamState==1}



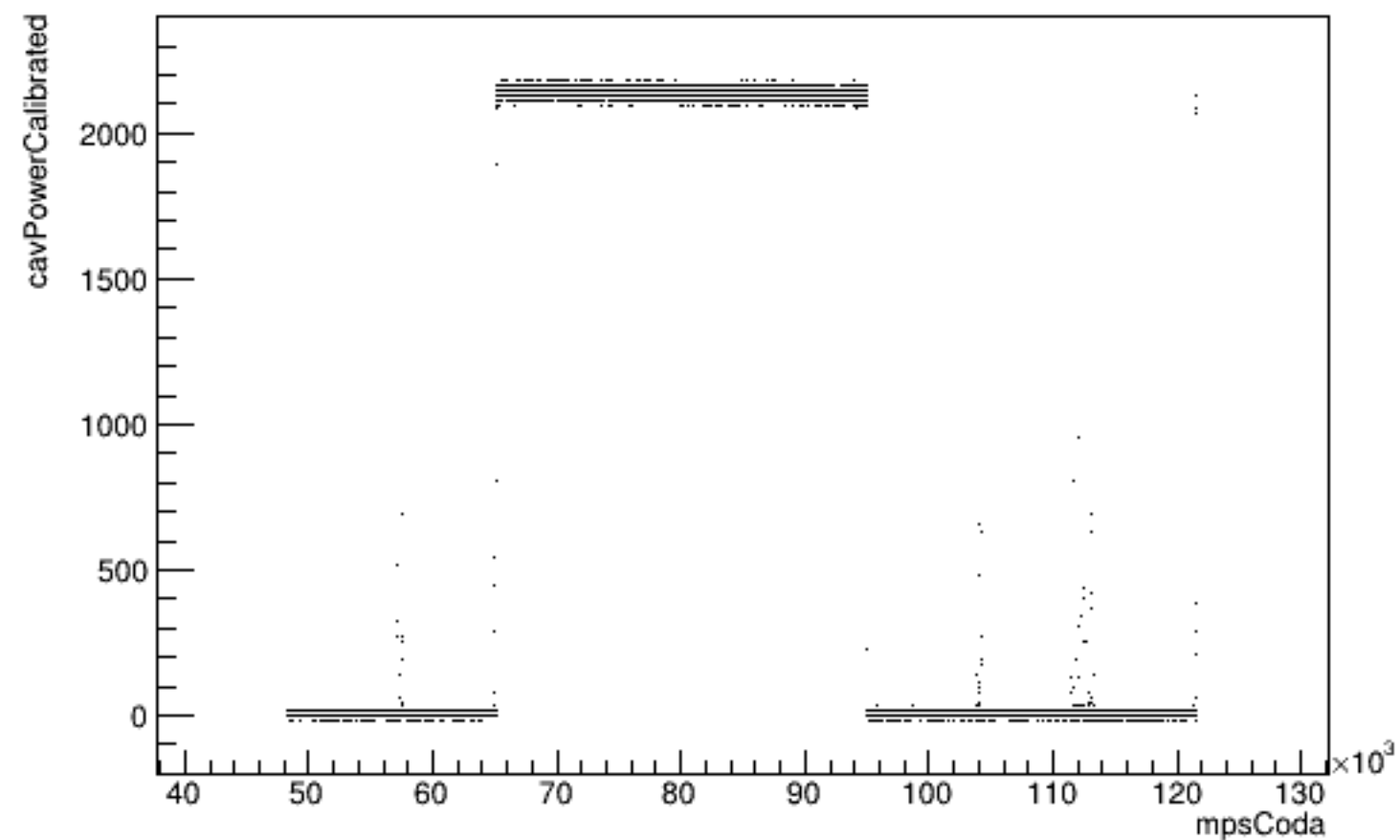
laserState:mpsCoda {mpsCoda>=48306 && mpsCoda<=121577}



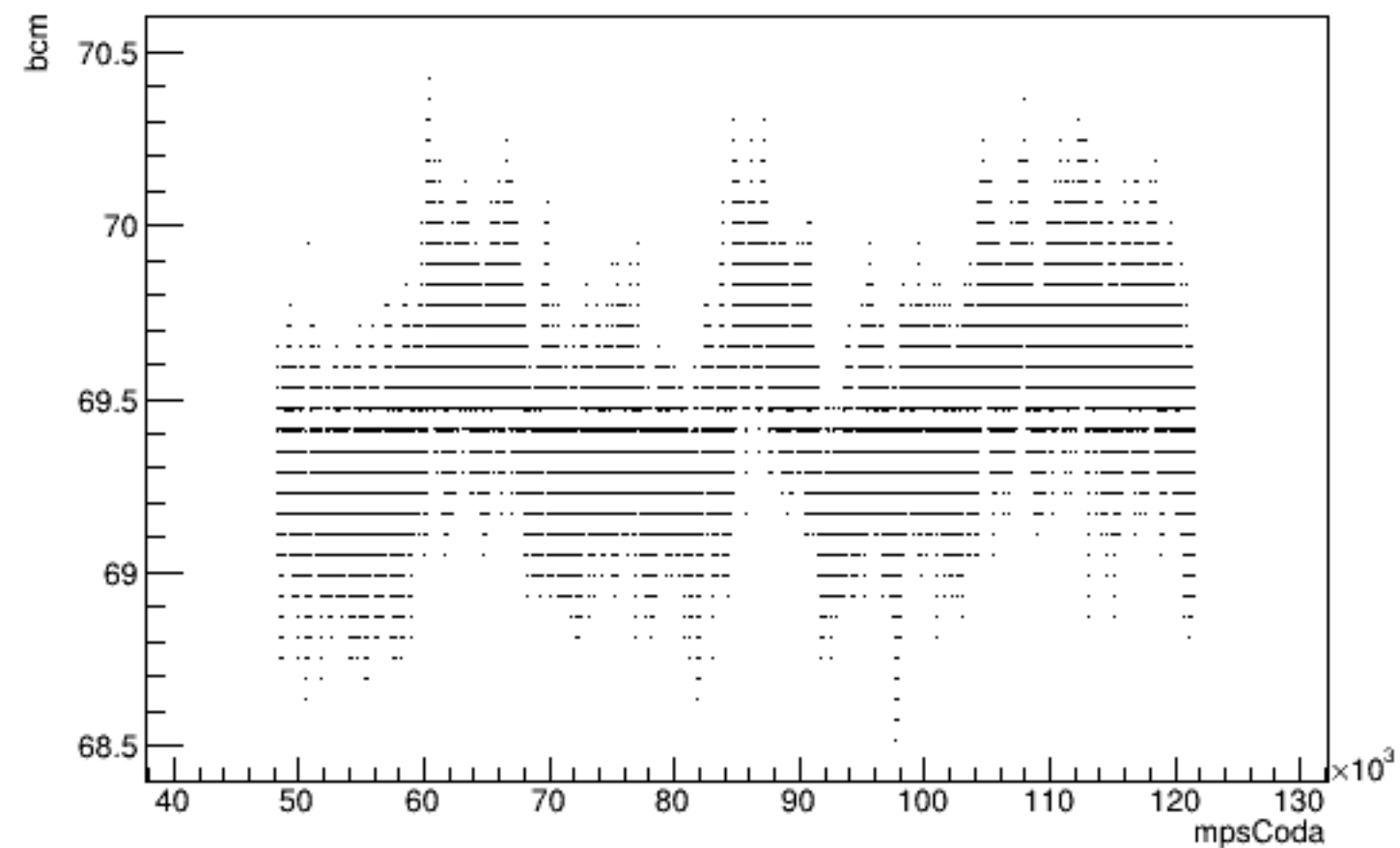
beamState + 1:mpsCoda {mpsCoda>=48306 && mpsCoda<=121577}



cavPowerCalibrated:mpsCoda {mpsCoda>=48306 && mpsCoda<=121577}



bcm:mpsCoda {mpsCoda>=48306 && mpsCoda<=121577}



Cycle 3, Diffs

Entries: 3278

Mean: 0.0216 +/- 0.0064

Std Dev: 0.3653 +/- 0.0045

Entries: 3783

Mean: 0.1000 +/- 0.0065

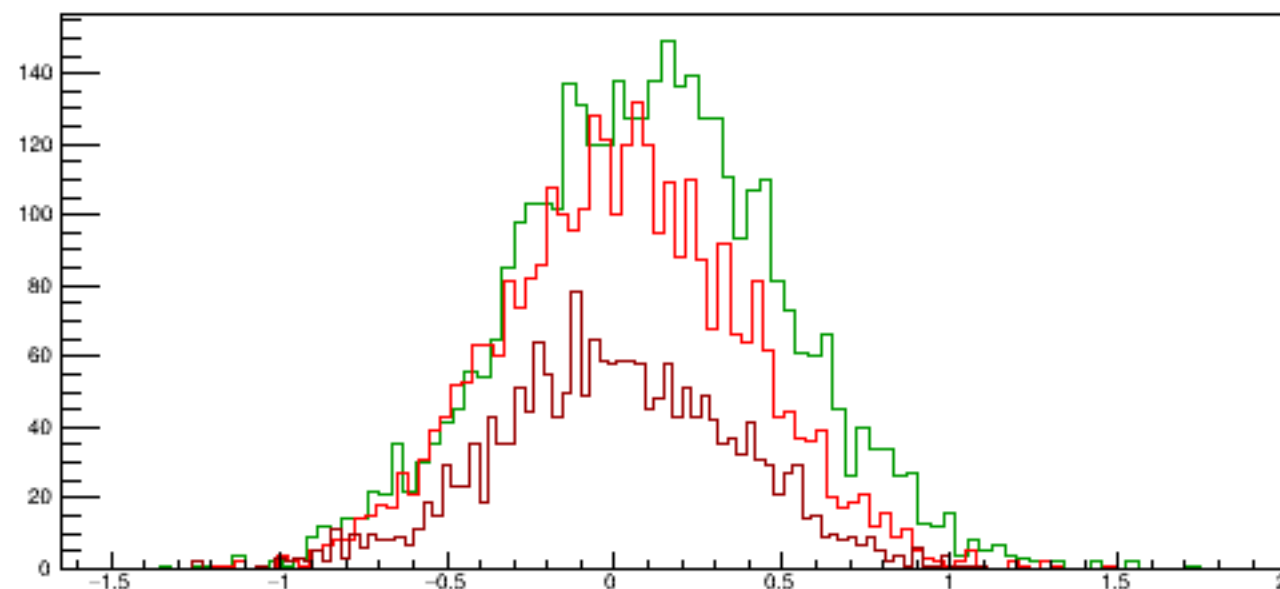
Std Dev: 0.4022 +/- 0.0046

Entries: 1941

Mean: 0.0026 +/- 0.0082

Std Dev: 0.3610 +/- 0.0058

Run 4436 quartetwise, Diffs



Cycle 3, Sums

Entries: 3278

Mean: 17.3689 +/- 0.0100

Std Dev: 0.5724 +/- 0.0071

Entries: 3783

Mean: 22.5954 +/- 0.0096

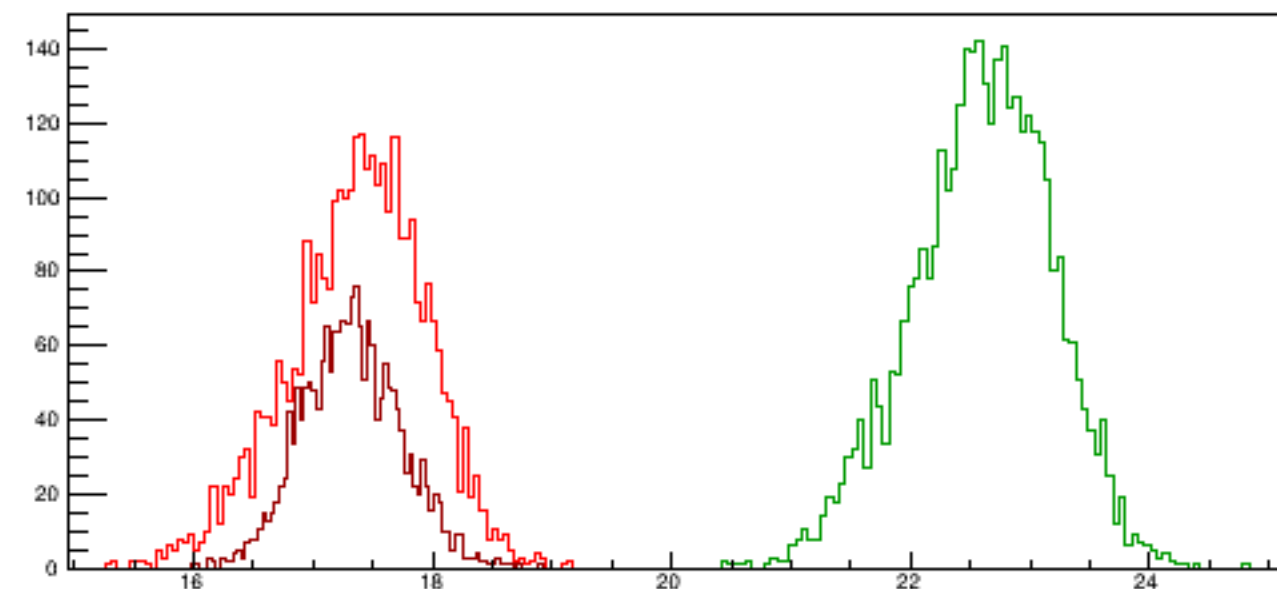
Std Dev: 0.5875 +/- 0.0068

Entries: 1941

Mean: 17.3240 +/- 0.0094

Std Dev: 0.4160 +/- 0.0067

Run 4436 quartetwise, Sums



Cycle 3, Asyms

Entries: 3278

Mean: 0.0041 +/- 0.0012

Std Dev: 0.0696 +/- 0.0009

Entries: 3783

Mean: 0.0190 +/- 0.0013

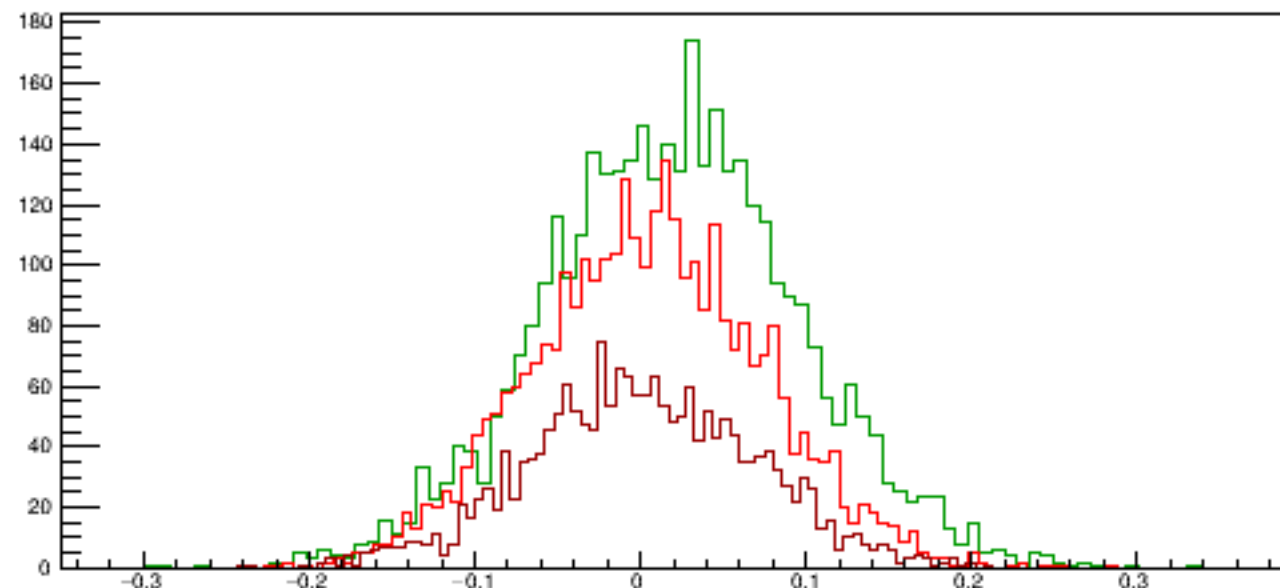
Std Dev: 0.0778 +/- 0.0009

Entries: 1941

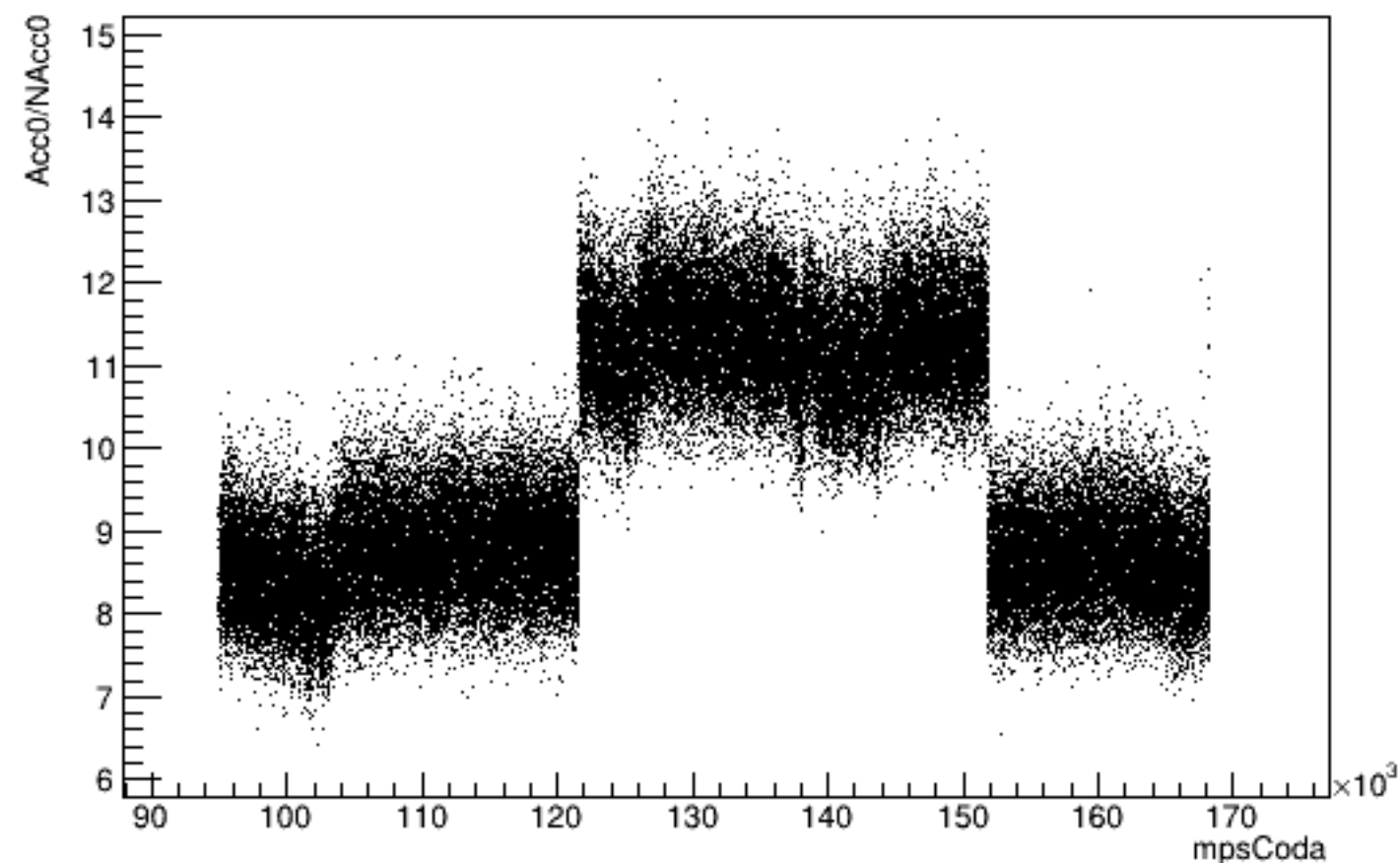
Mean: 0.0005 +/- 0.0016

Std Dev: 0.0688 +/- 0.0011

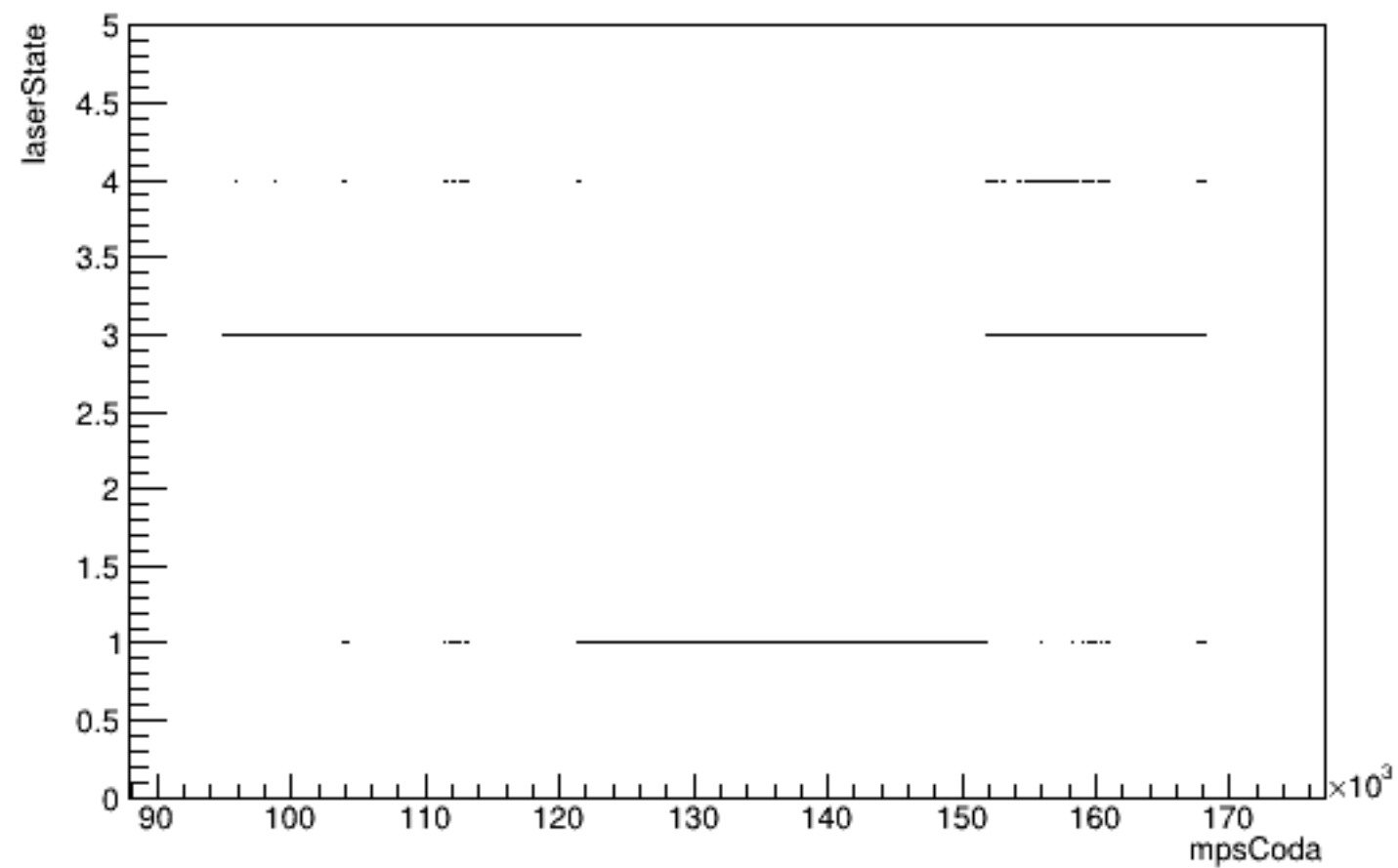
Run 4436 quartetwise, Asyms



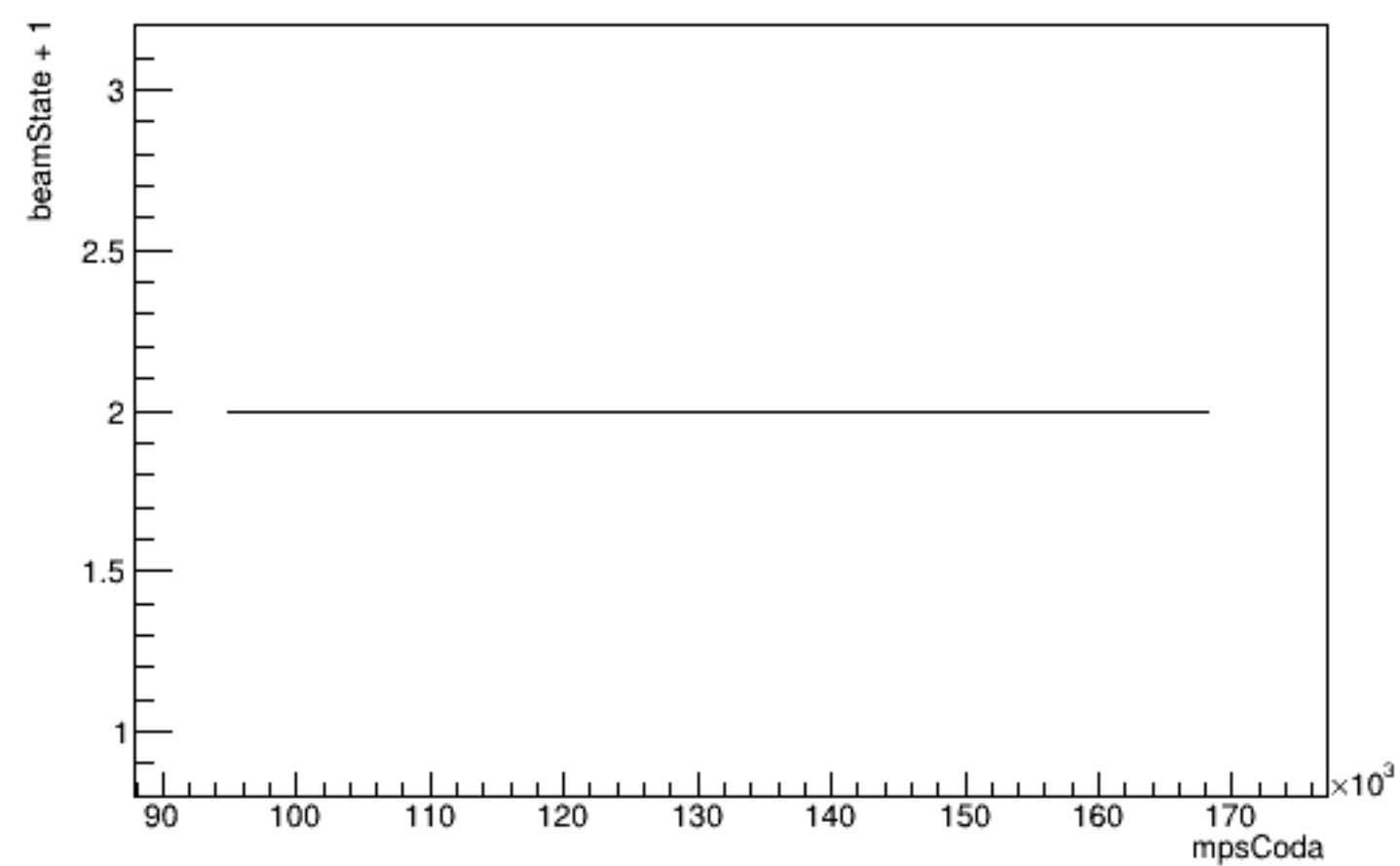
Acc0/NAcc0:mpsCoda {mpsCoda>=94978 && mpsCoda<=168233 && beamState==1}



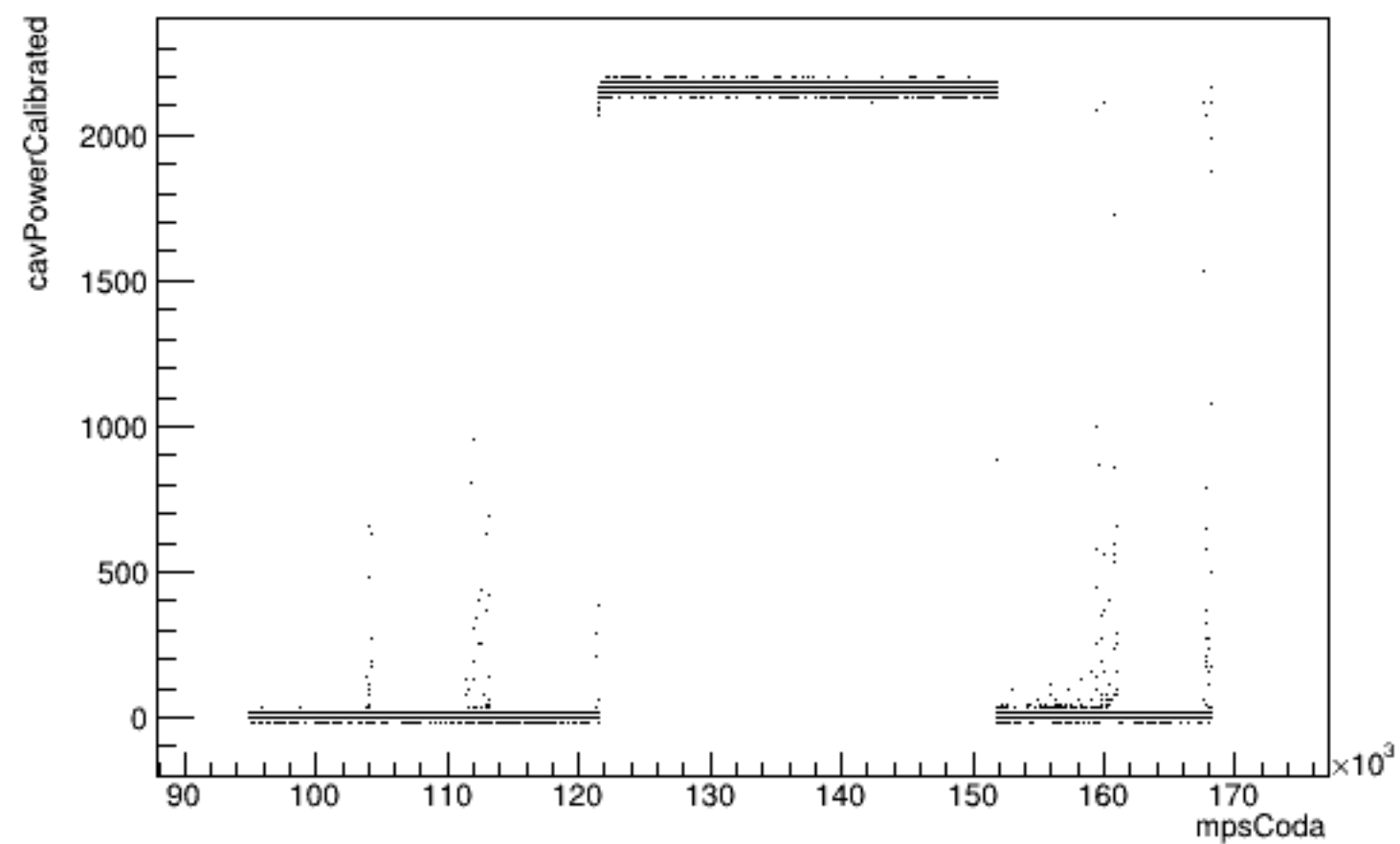
laserState:mpsCoda {mpsCoda>=94978 && mpsCoda<=168233}



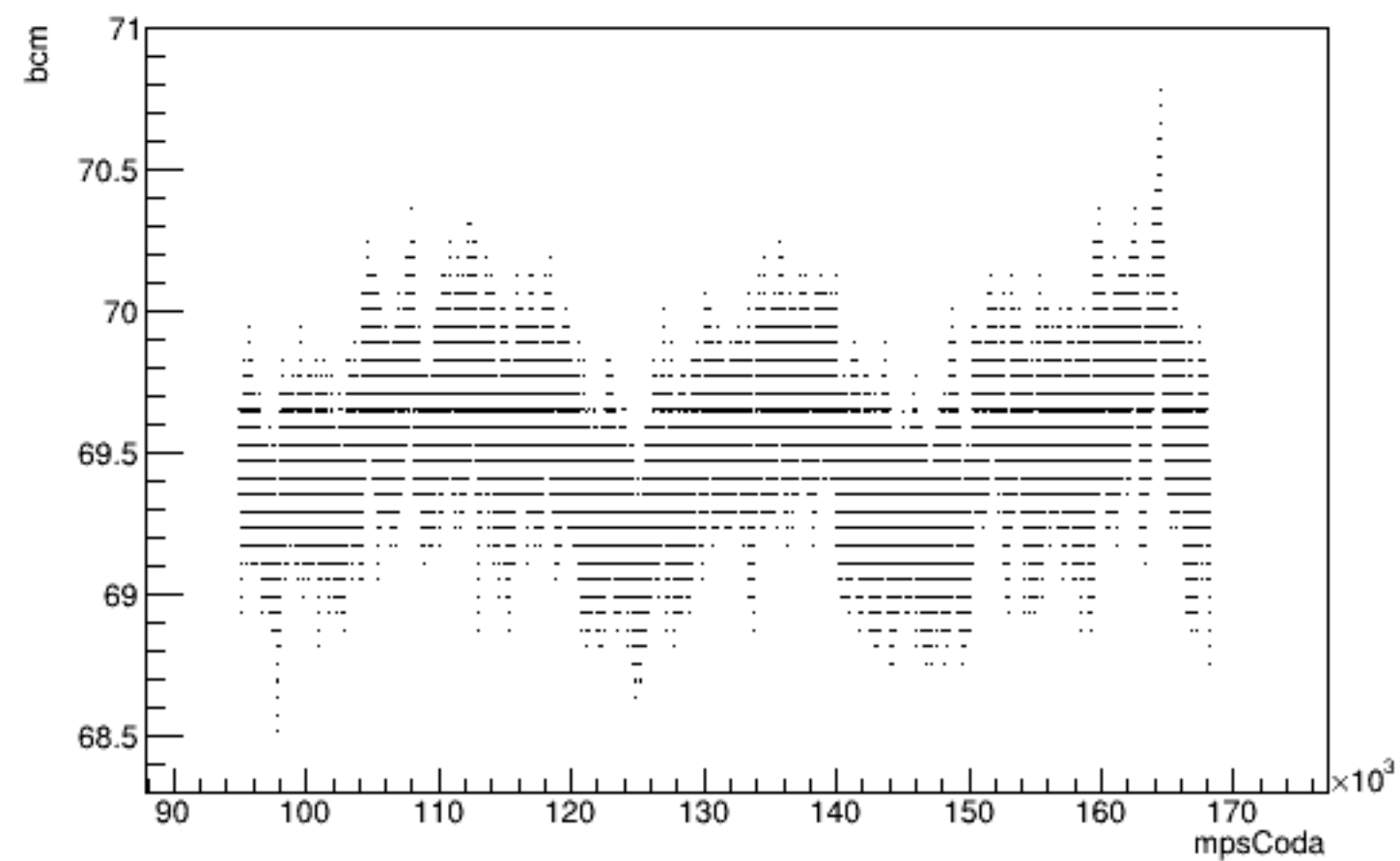
beamState + 1:mpsCoda {mpsCoda>=94978 && mpsCoda<=168233}



cavPowerCalibrated:mpsCoda {mpsCoda>=94978 && mpsCoda<=168233}



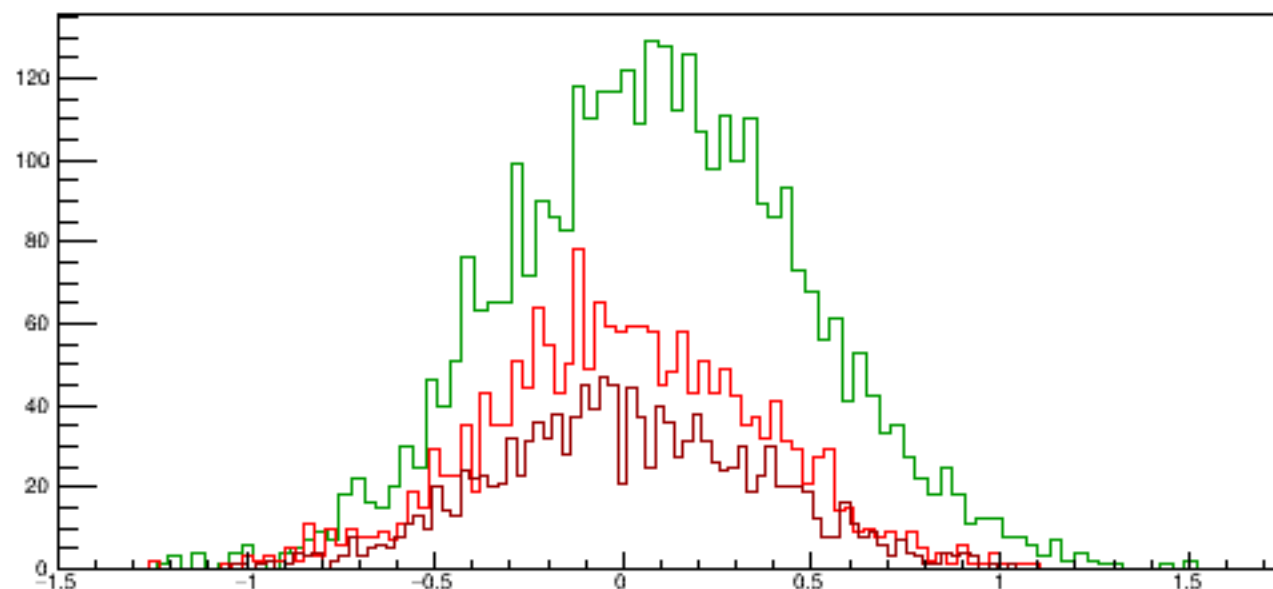
bcm:mpsCoda {mpsCoda>=94978 && mpsCoda<=168233}



Cycle 4, Diffs

Entries: 1941	Entries: 3669	Entries: 1380
Mean: 0.0026 +/- 0.0082	Mean: 0.0897 +/- 0.0066	Mean: 0.0111 +/- 0.0095
Std Dev: 0.3610 +/- 0.0058	Std Dev: 0.3971 +/- 0.0046	Std Dev: 0.3526 +/- 0.0067

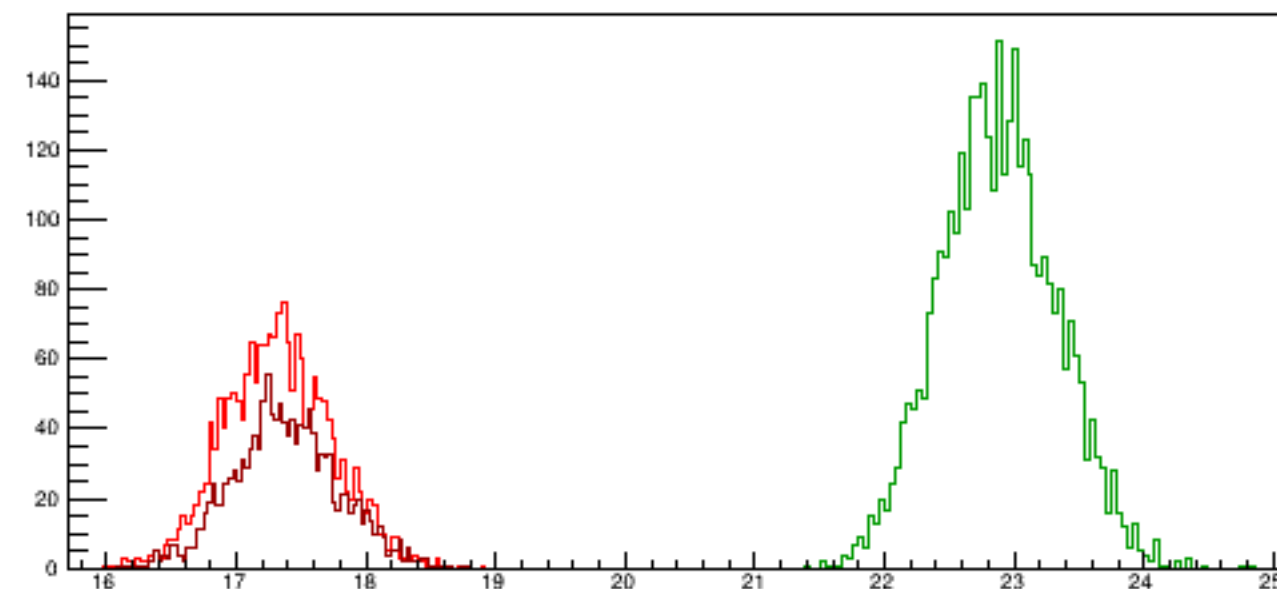
Run 4436 quartetwise, Diffs



Cycle 4, Sums

Entries: 1941	Entries: 3669	Entries: 1380
Mean: 17.3240 +/- 0.0094	Mean: 22.8757 +/- 0.0075	Mean: 17.3814 +/- 0.0111
Std Dev: 0.4160 +/- 0.0067	Std Dev: 0.4523 +/- 0.0053	Std Dev: 0.4134 +/- 0.0079

Run 4436 quartetwise, Sums

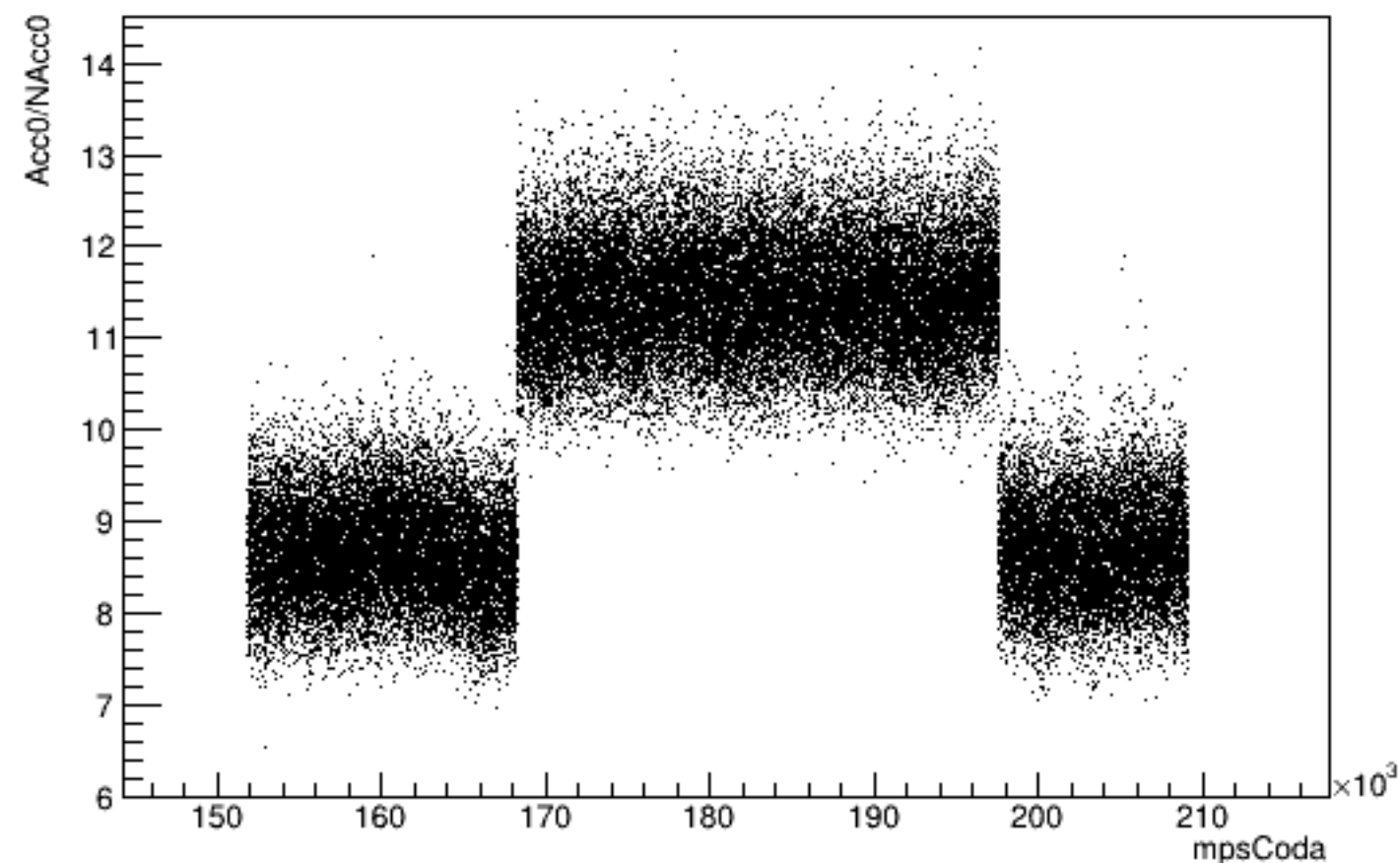
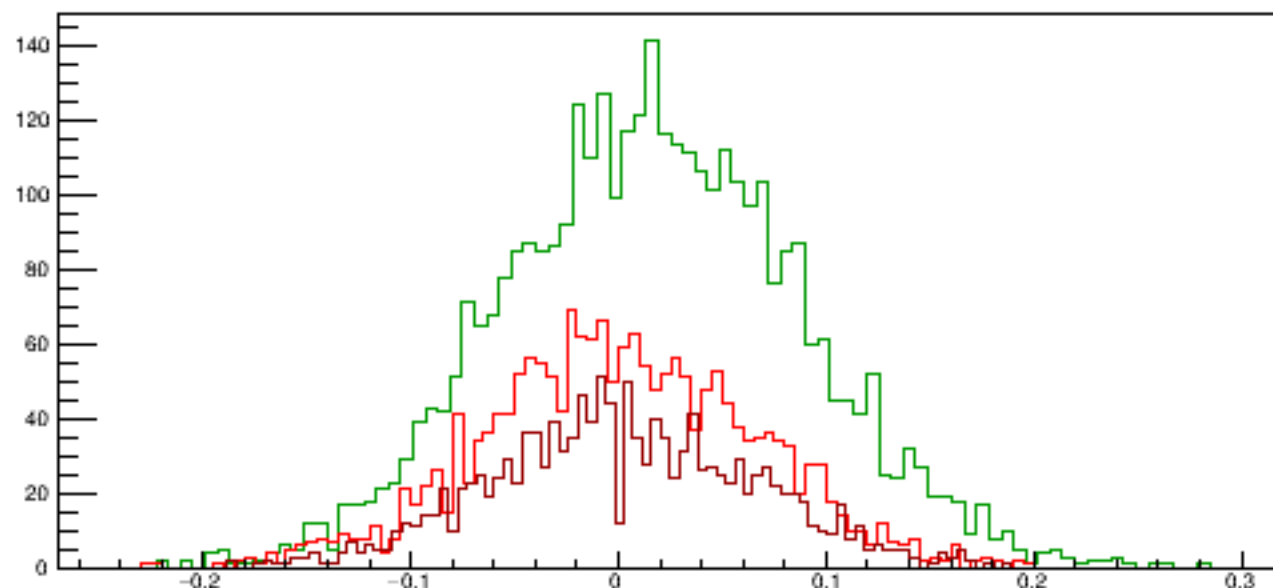


Acc0/NAcc0:mpsCoda (mpsCoda>=151850 && mpsCoda<=214777 && beamState==1)

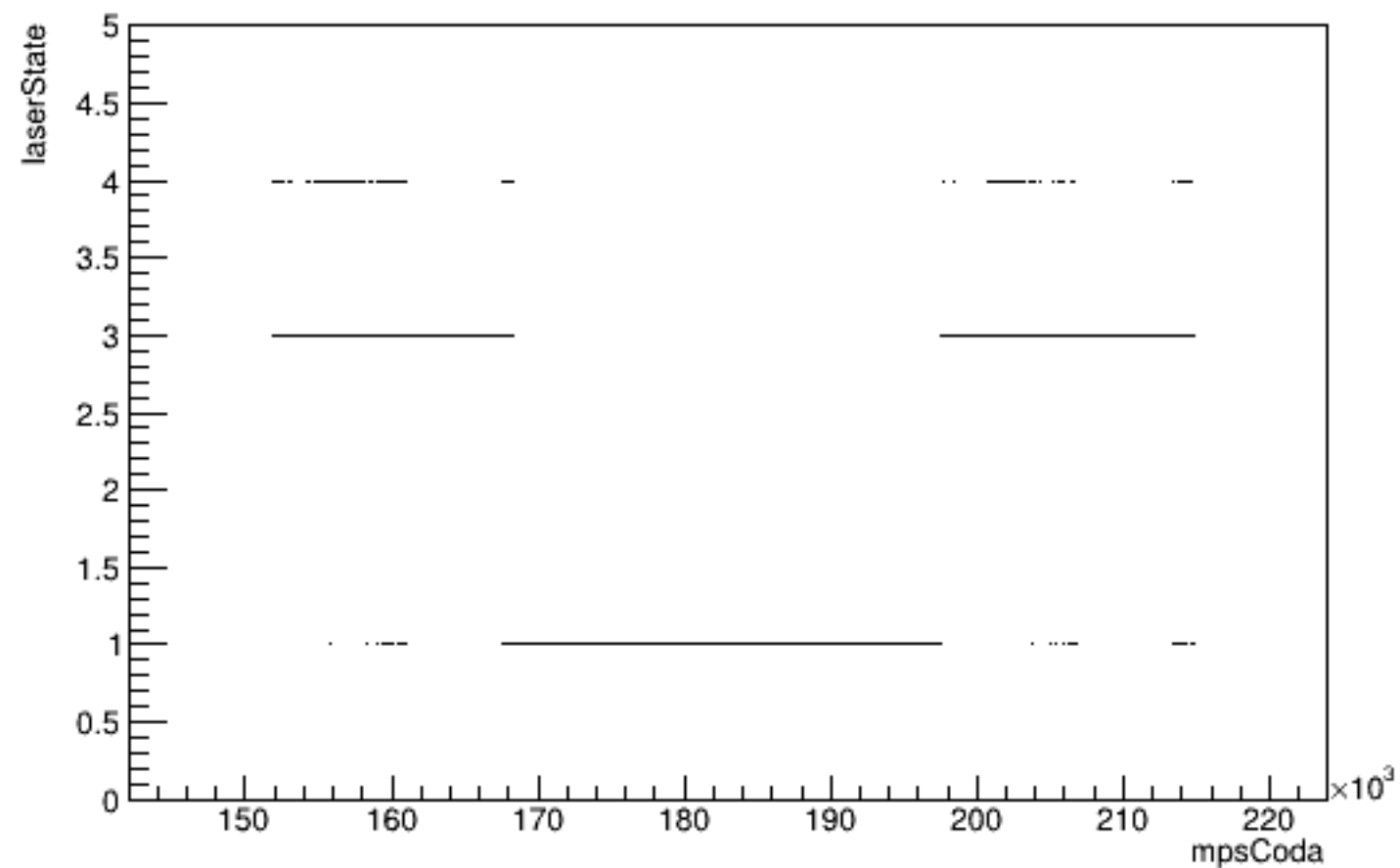
Cycle 4, Asyms

Entries: 1941	Entries: 3669	Entries: 1380
Mean: 0.0005 +/- 0.0015	Mean: 0.0163 +/- 0.0012	Mean: 0.0020 +/- 0.0017
Std Dev: 0.0654 +/- 0.0010	Std Dev: 0.0722 +/- 0.0008	Std Dev: 0.0638 +/- 0.0012

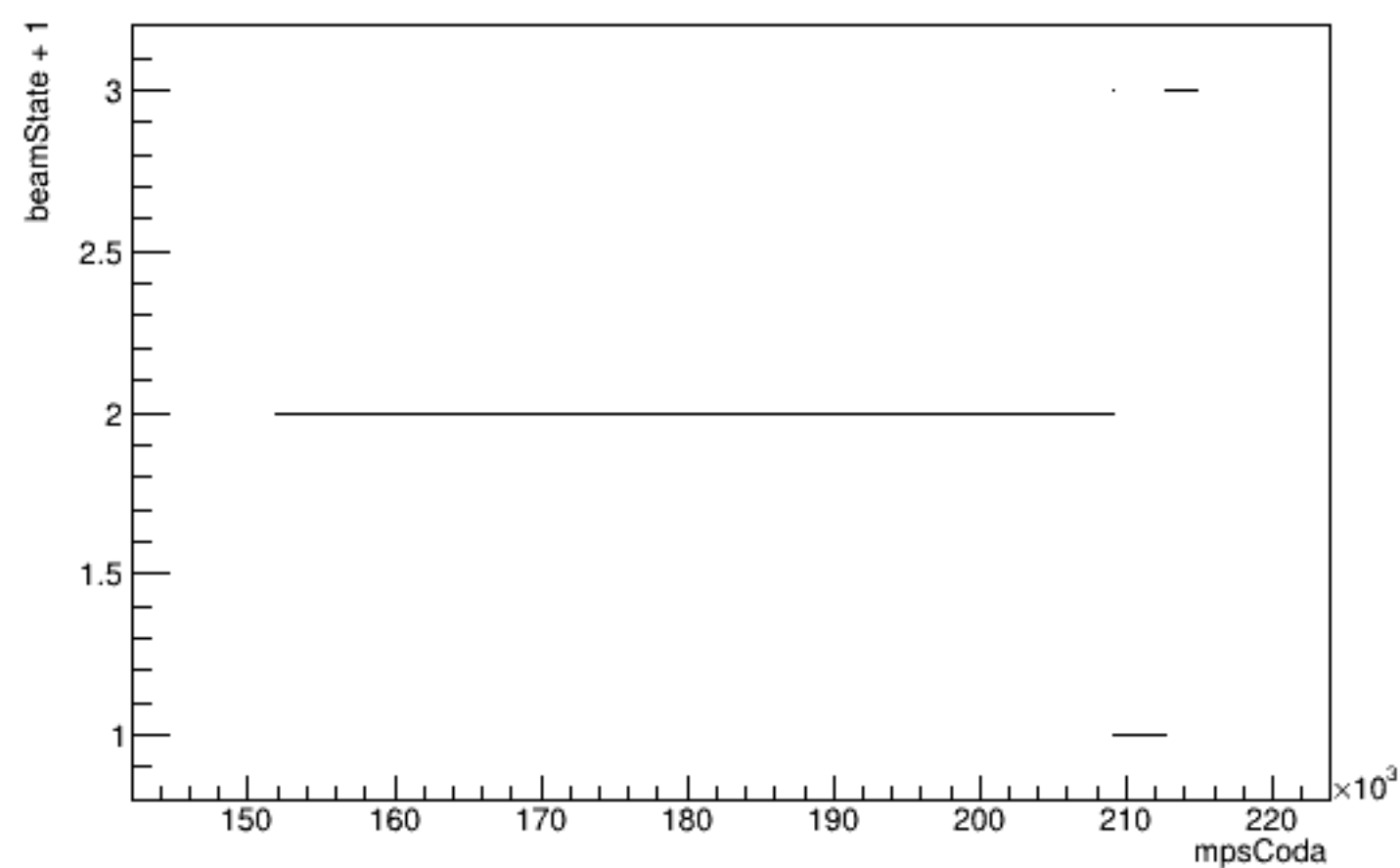
Run 4436 quartetwise, Asyms



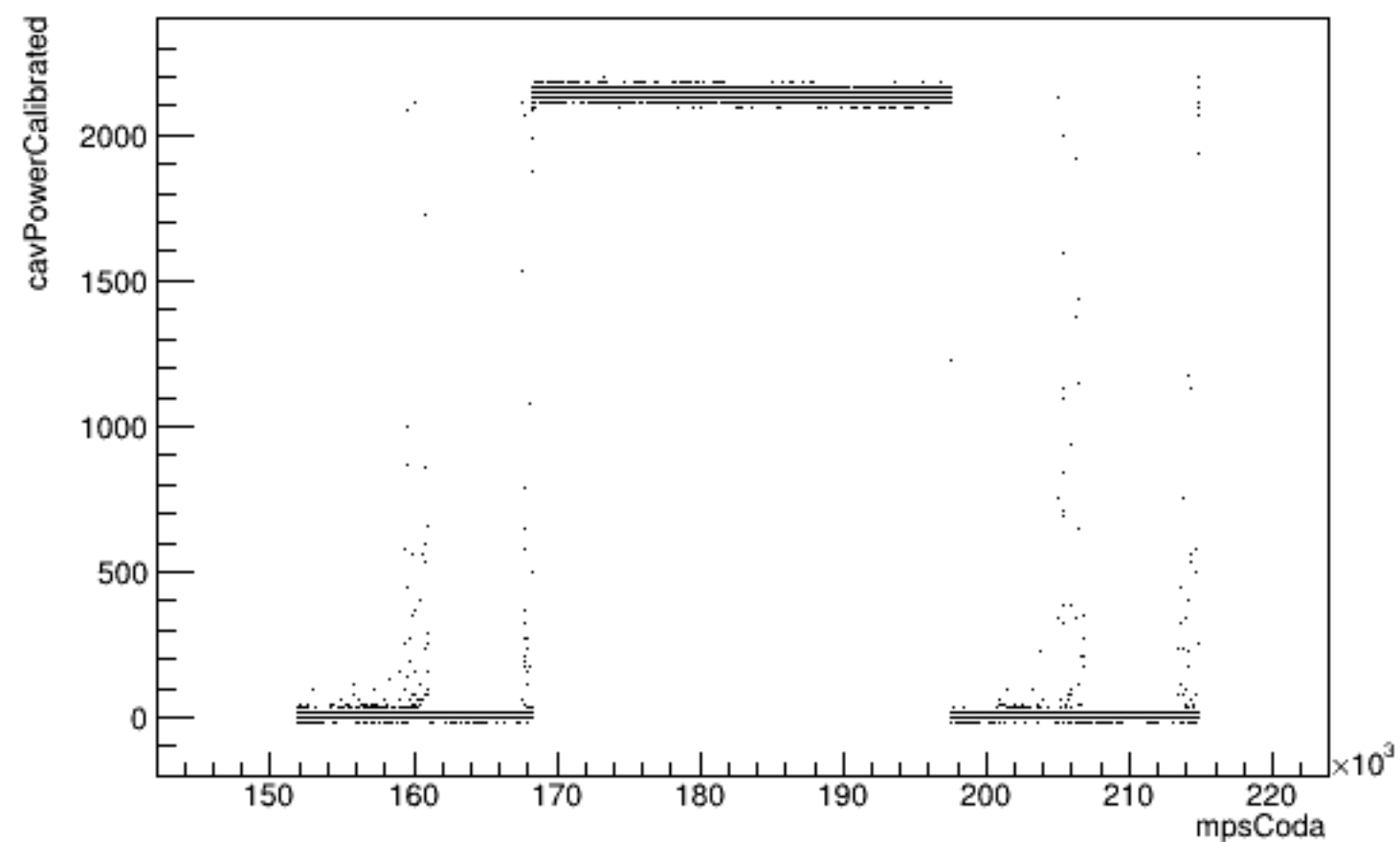
laserState:mpsCoda {mpsCoda>=151850 && mpsCoda<=214777}



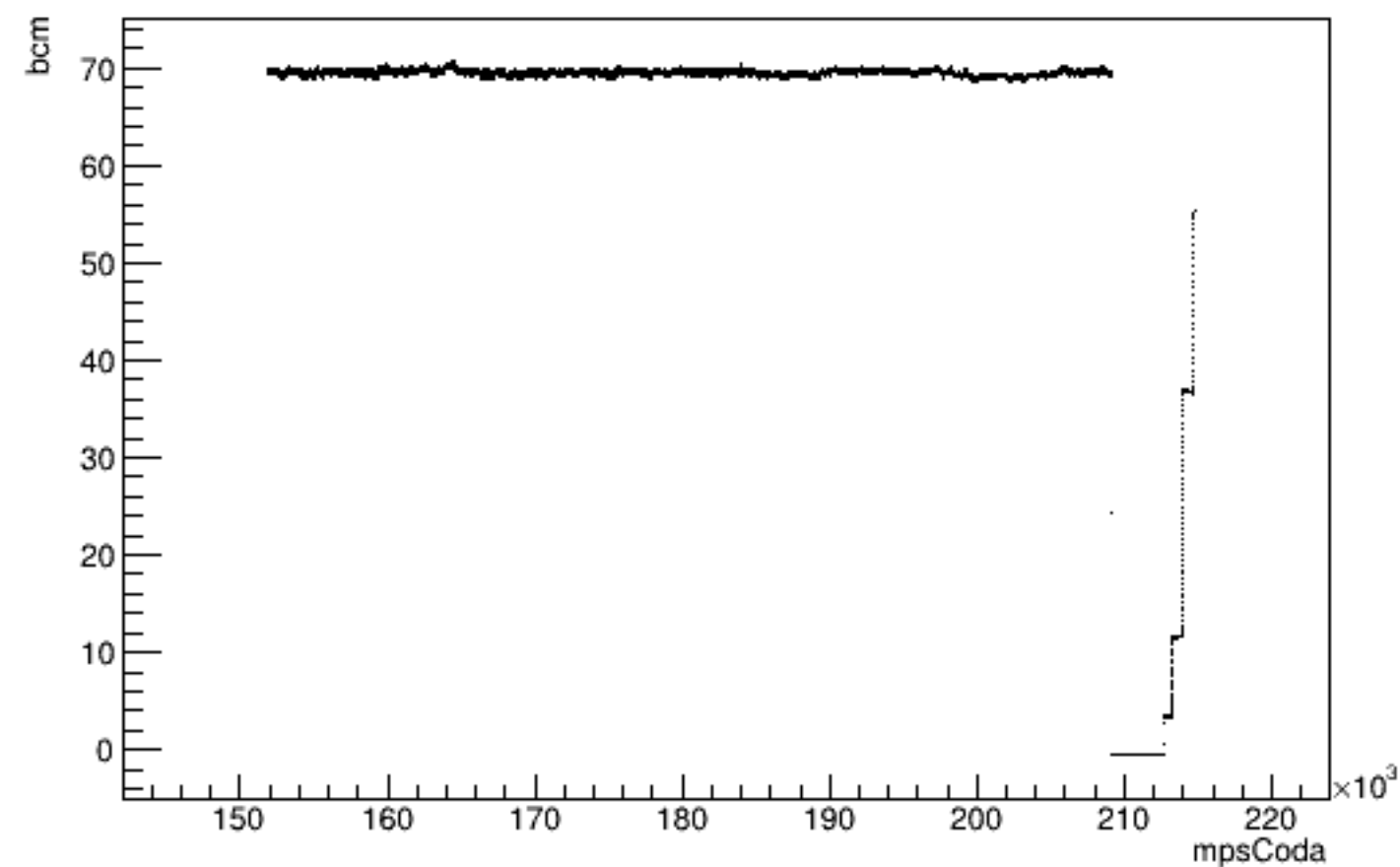
beamState + 1:mpsCoda {mpsCoda>=151850 && mpsCoda<=214777}



cavPowerCalibrated:mpsCoda {mpsCoda>=151850 && mpsCoda<=214777}



bcm:mpsCoda {mpsCoda>=151850 && mpsCoda<=214777}



Cycle 5, Diffs

Entries: 1380

Mean: 0.0111 +/- 0.0095

Std Dev: 0.3526 +/- 0.0067

Entries: 3655

Mean: 0.0859 +/- 0.0065

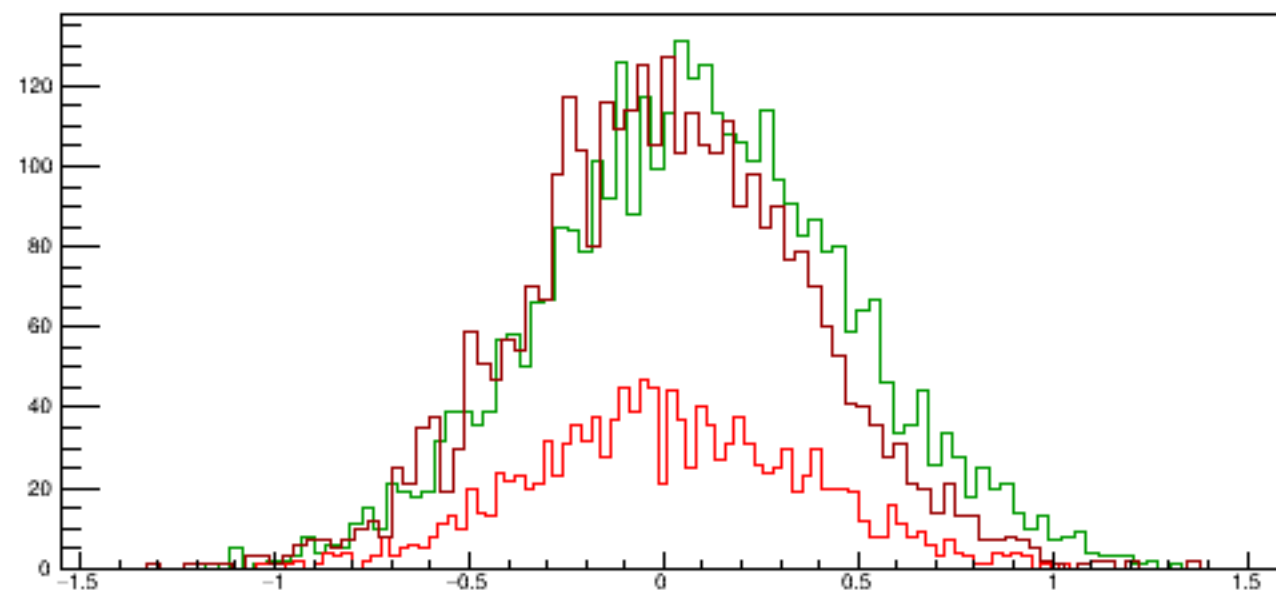
Std Dev: 0.3934 +/- 0.0046

Entries: 3306

Mean: 0.0051 +/- 0.0063

Std Dev: 0.3633 +/- 0.0045

Run 4436 quartetwise, Diffs



Cycle 5, Sums

Entries: 1380

Mean: 17.3814 +/- 0.0111

Std Dev: 0.4134 +/- 0.0079

Entries: 3655

Mean: 22.6694 +/- 0.0088

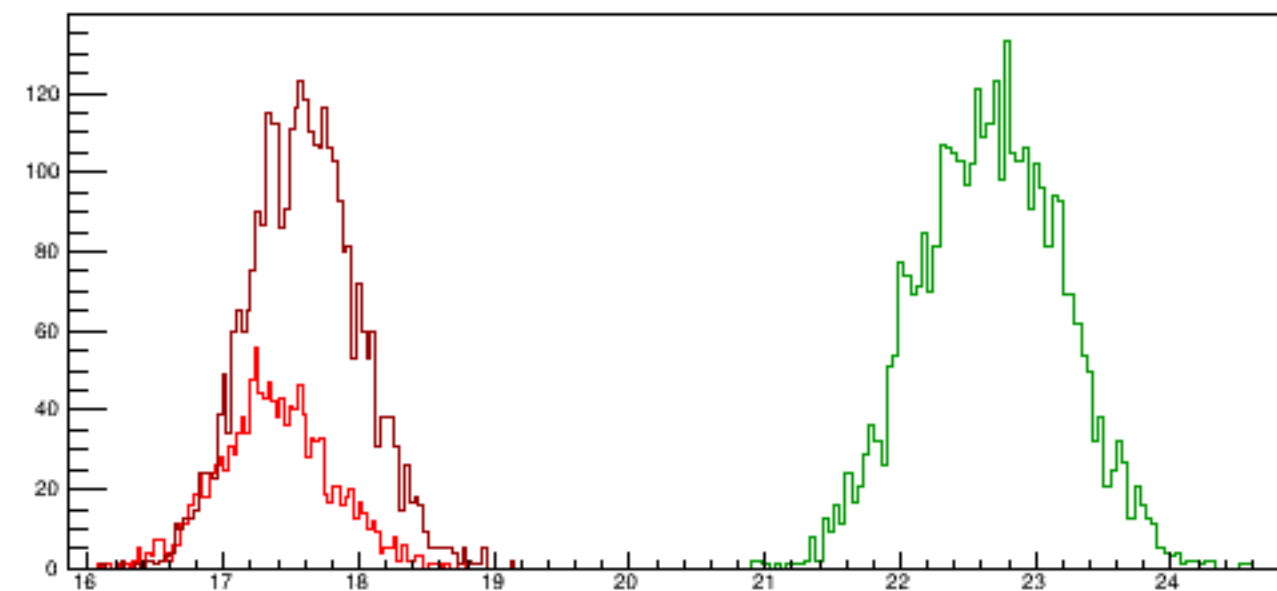
Std Dev: 0.5319 +/- 0.0062

Entries: 3306

Mean: 17.5927 +/- 0.0071

Std Dev: 0.4096 +/- 0.0050

Run 4436 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=197594 && mpsCoda<=271857 && beamState==1)

Cycle 5, Asyms

Entries: 1380

Mean: 0.0021 +/- 0.0018

Std Dev: 0.0680 +/- 0.0013

Entries: 3655

Mean: 0.0168 +/- 0.0013

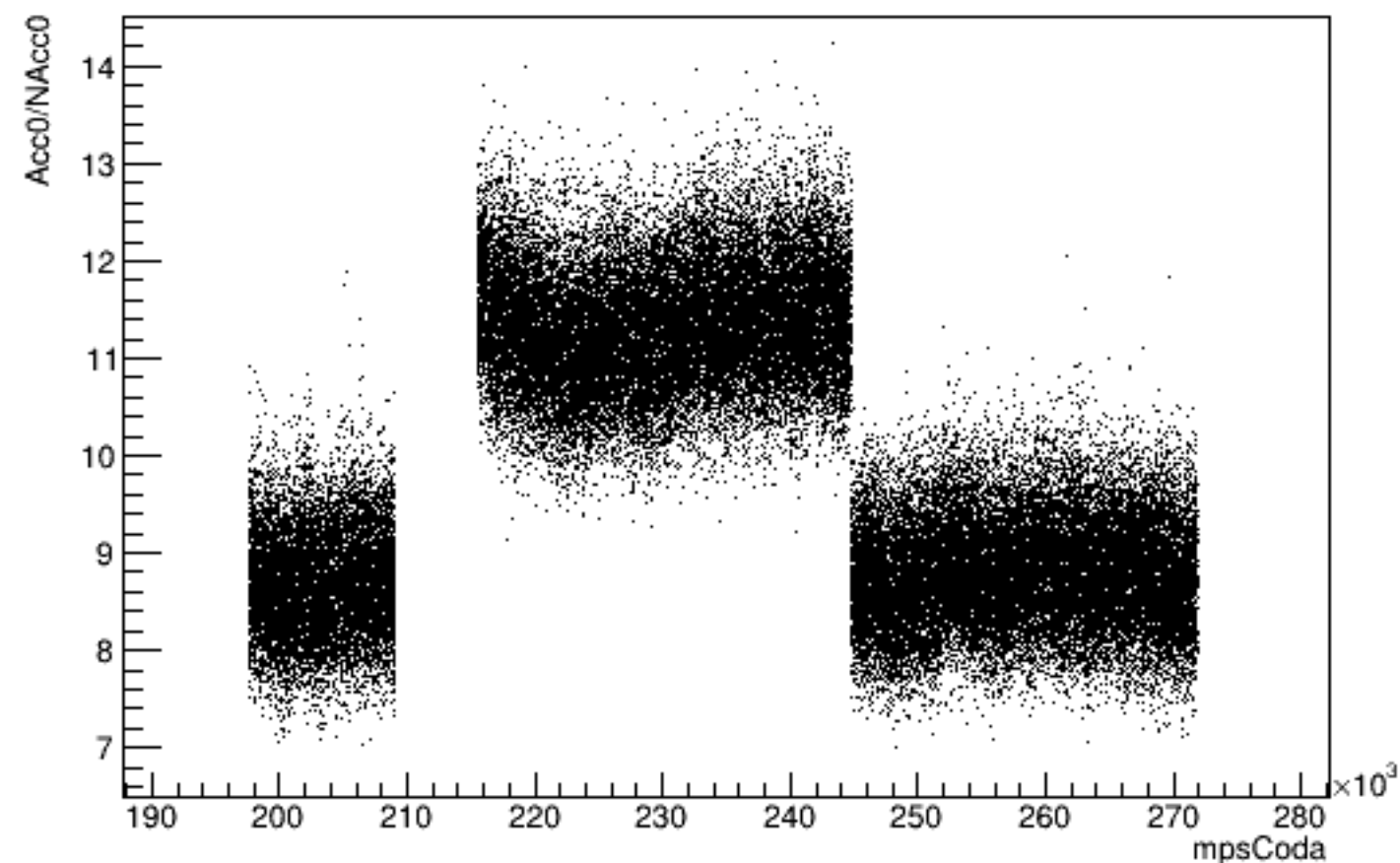
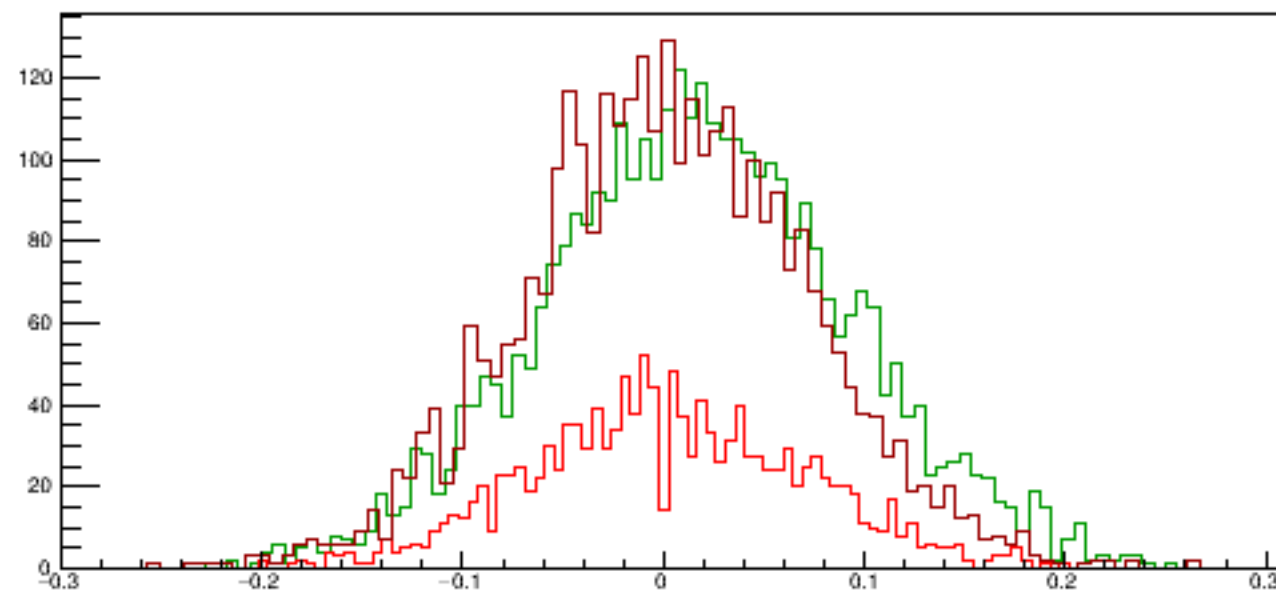
Std Dev: 0.0764 +/- 0.0009

Entries: 3306

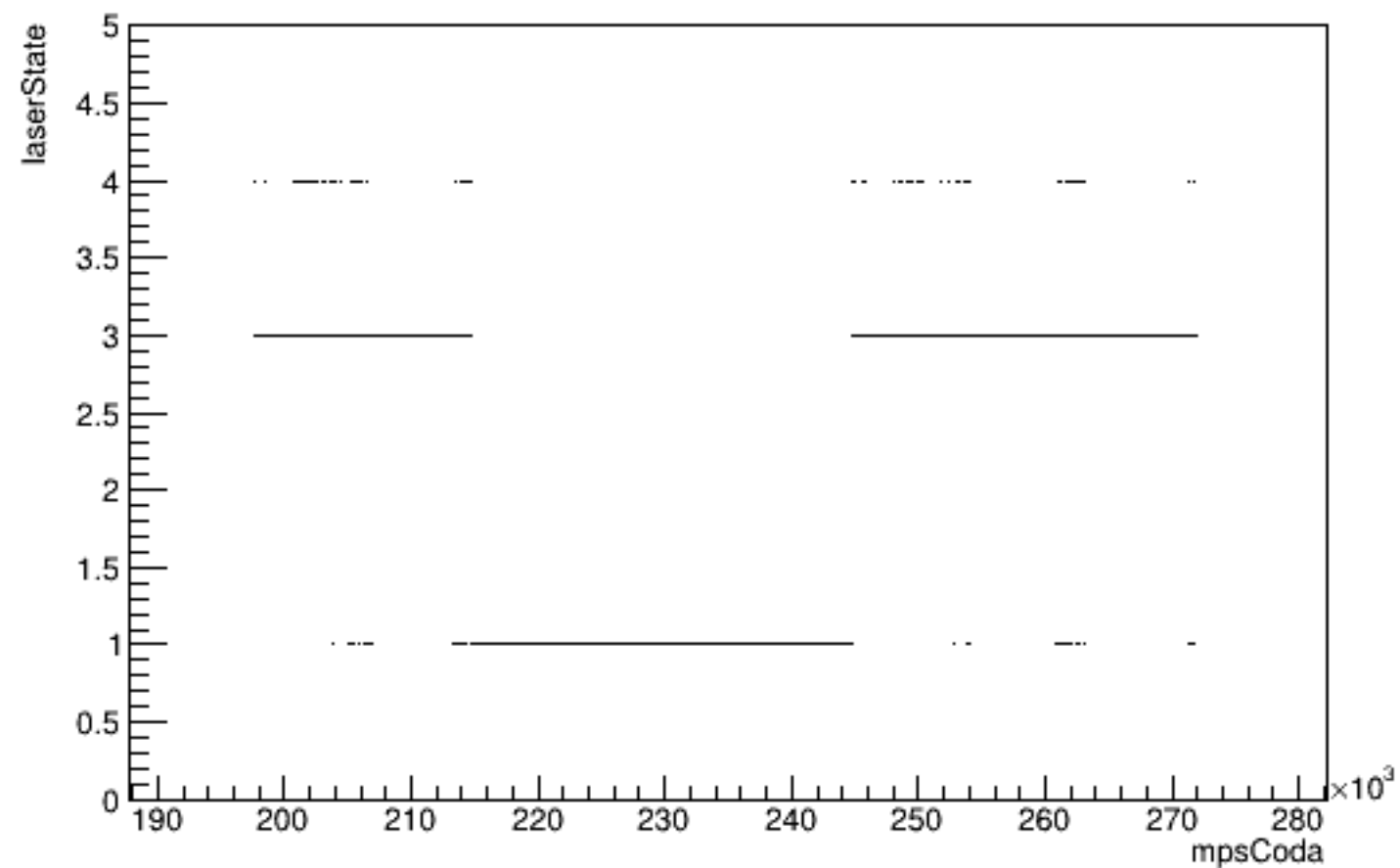
Mean: 0.0010 +/- 0.0012

Std Dev: 0.0701 +/- 0.0009

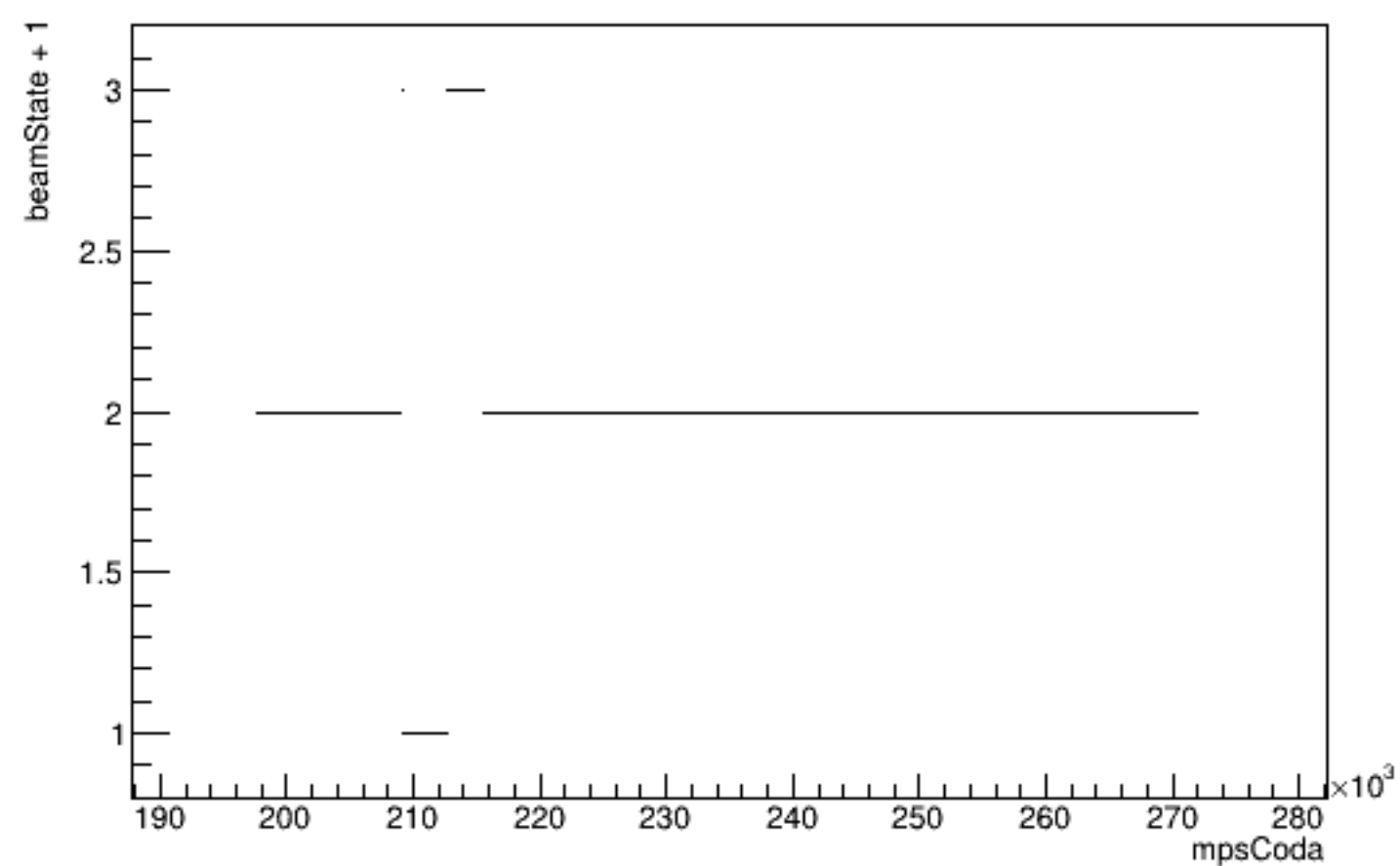
Run 4436 quartetwise, Asyms



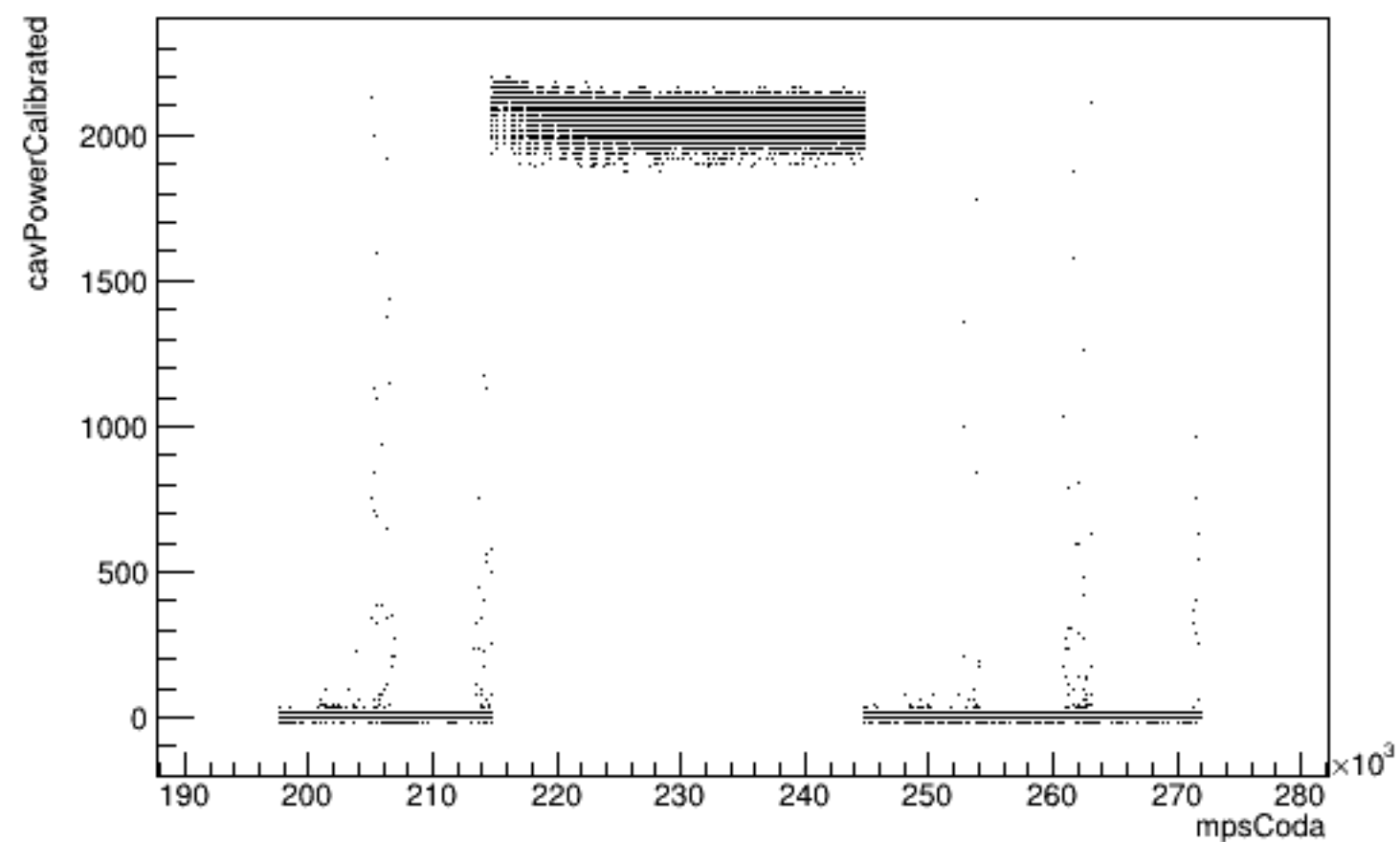
laserState:mpsCoda {mpsCoda>=197594 && mpsCoda<=271857}



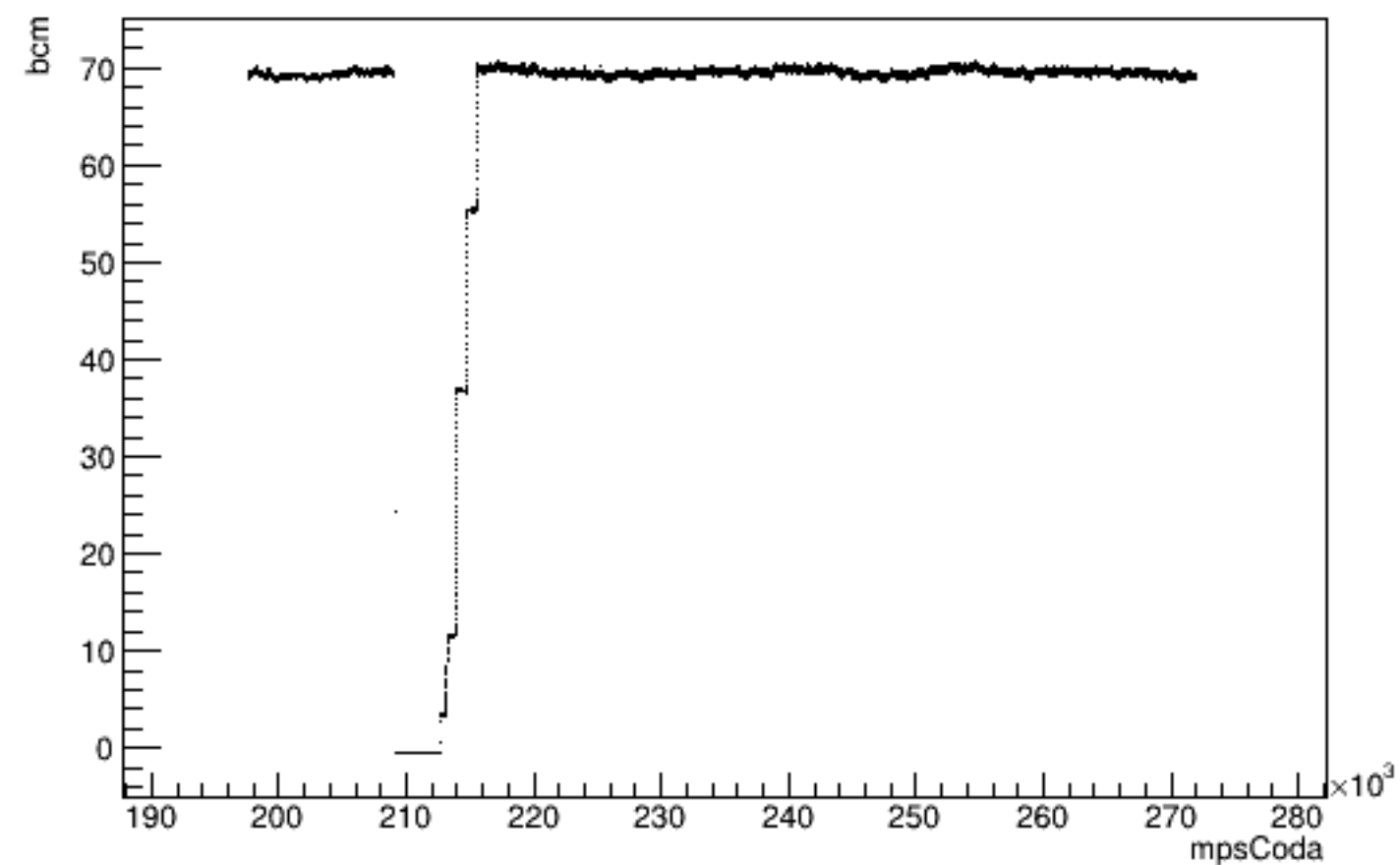
beamState + 1:mpsCoda {mpsCoda>=197594 && mpsCoda<=271857}



cavPowerCalibrated:mpsCoda {mpsCoda>=197594 && mpsCoda<=271857}



bcm:mpsCoda {mpsCoda>=197594 && mpsCoda<=271857}



Cycle 6, Diffs

Entries: 3543

Mean: 0.0392 +/- 0.0064

Std Dev: 0.3784 +/- 0.0045

Entries: 2830

Mean: 0.1272 +/- 0.0077

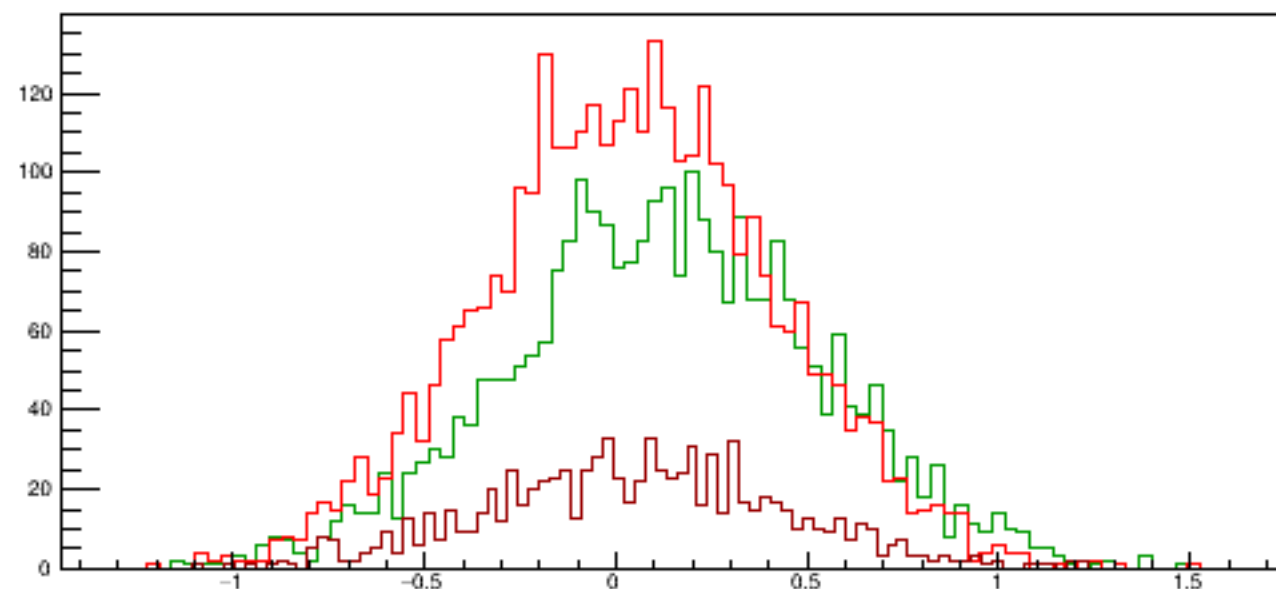
Std Dev: 0.4073 +/- 0.0054

Entries: 900

Mean: 0.0505 +/- 0.0129

Std Dev: 0.3883 +/- 0.0092

Run 4436 quartetwise, Diffs



Cycle 6, Sums

Entries: 3543

Mean: 17.9522 +/- 0.0070

Std Dev: 0.4190 +/- 0.0050

Entries: 2830

Mean: 22.6980 +/- 0.0127

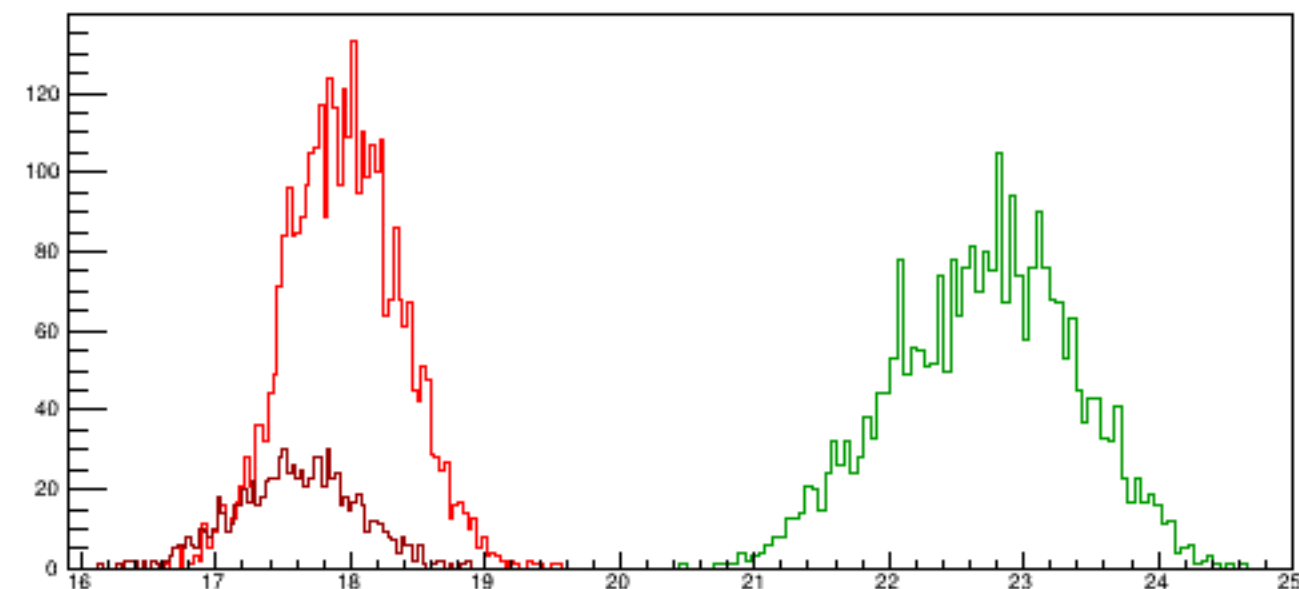
Std Dev: 0.6750 +/- 0.0090

Entries: 900

Mean: 17.5926 +/- 0.0150

Std Dev: 0.4515 +/- 0.0106

Run 4436 quartetwise, Sums



Cycle 6, Asyms

Entries: 3543

Mean: 0.0080 +/- 0.0013

Std Dev: 0.0768 +/- 0.0009

Entries: 2830

Mean: 0.0259 +/- 0.0016

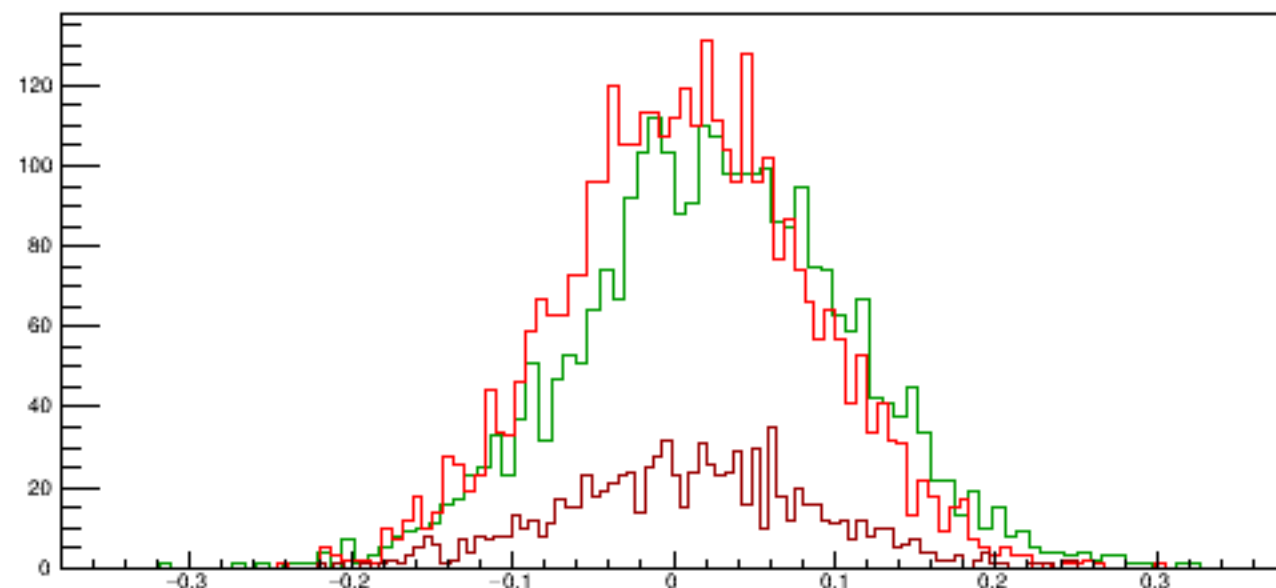
Std Dev: 0.0847 +/- 0.0011

Entries: 900

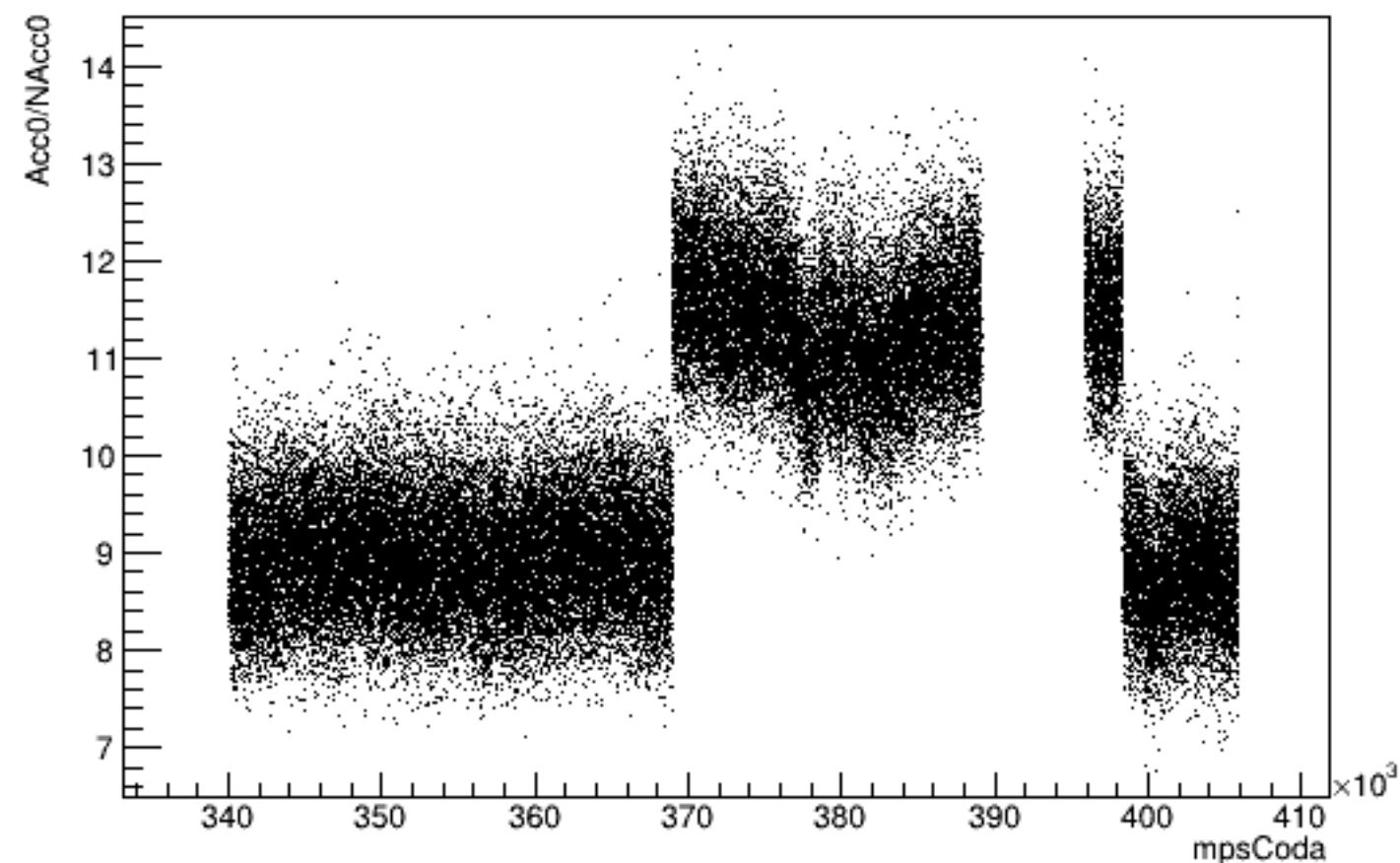
Mean: 0.0103 +/- 0.0026

Std Dev: 0.0788 +/- 0.0019

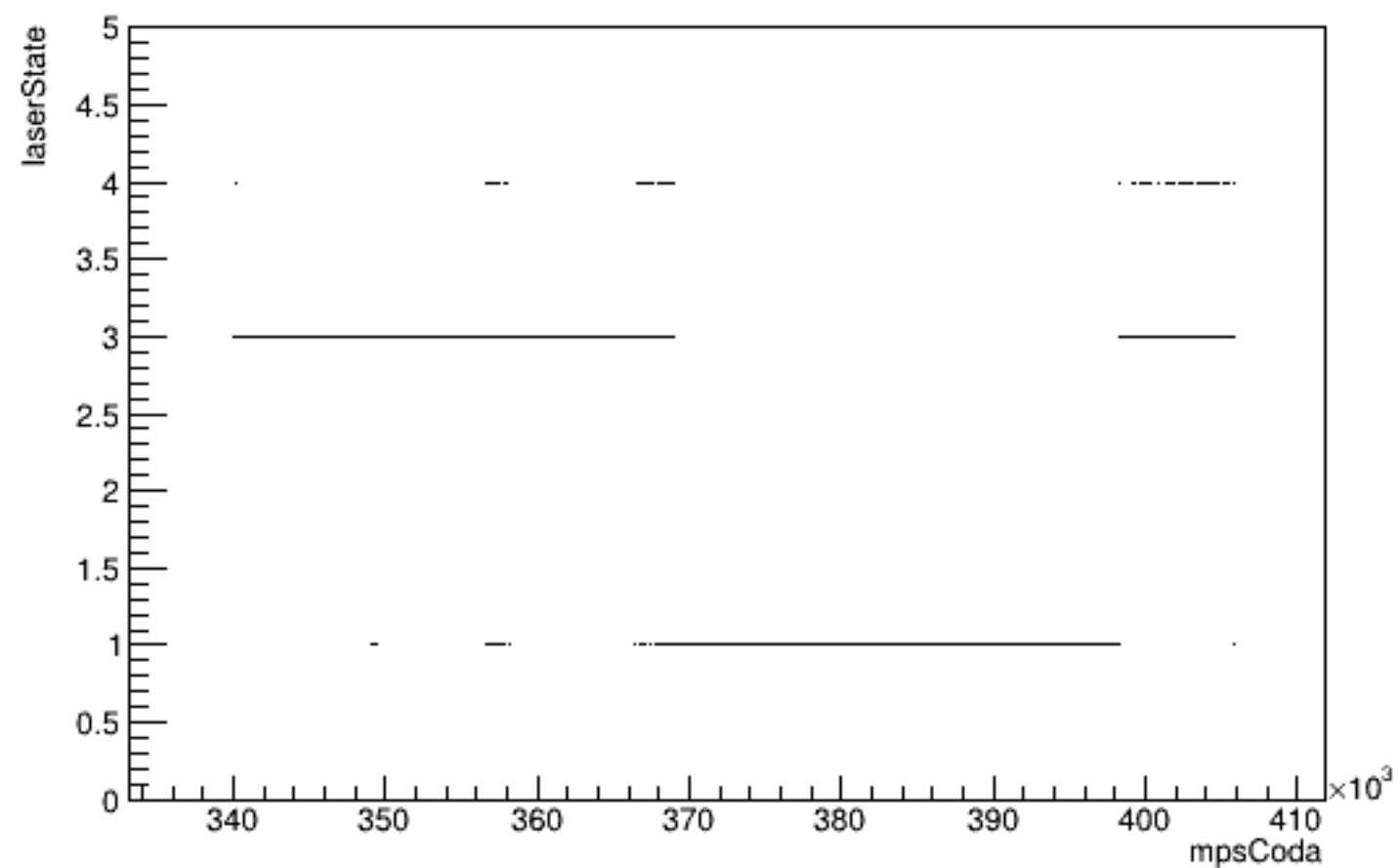
Run 4436 quartetwise, Asyms



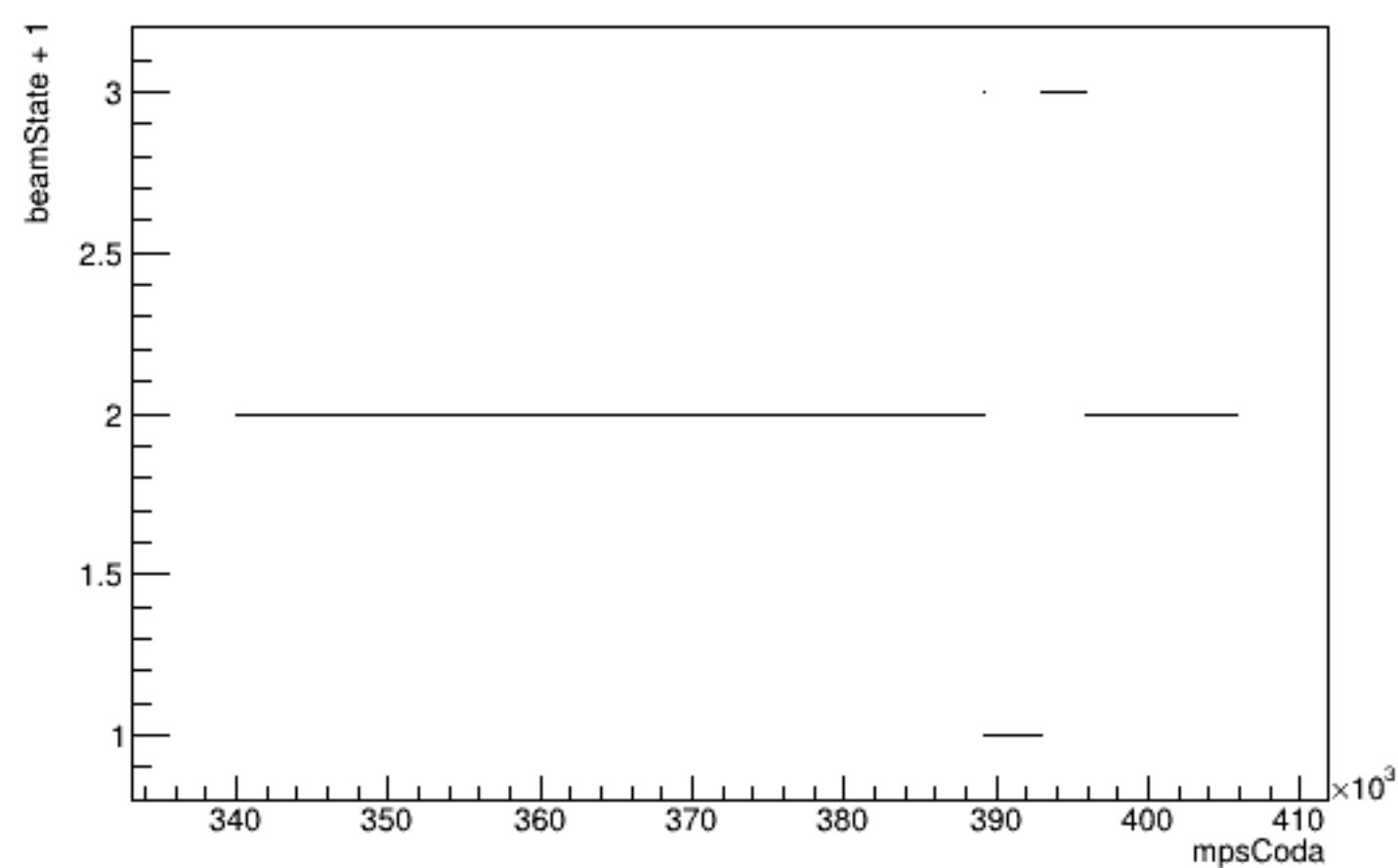
Acc0/NAcc0:mpsCoda (mpsCoda>=340058 && mpsCoda<=405905 && beamState==1)



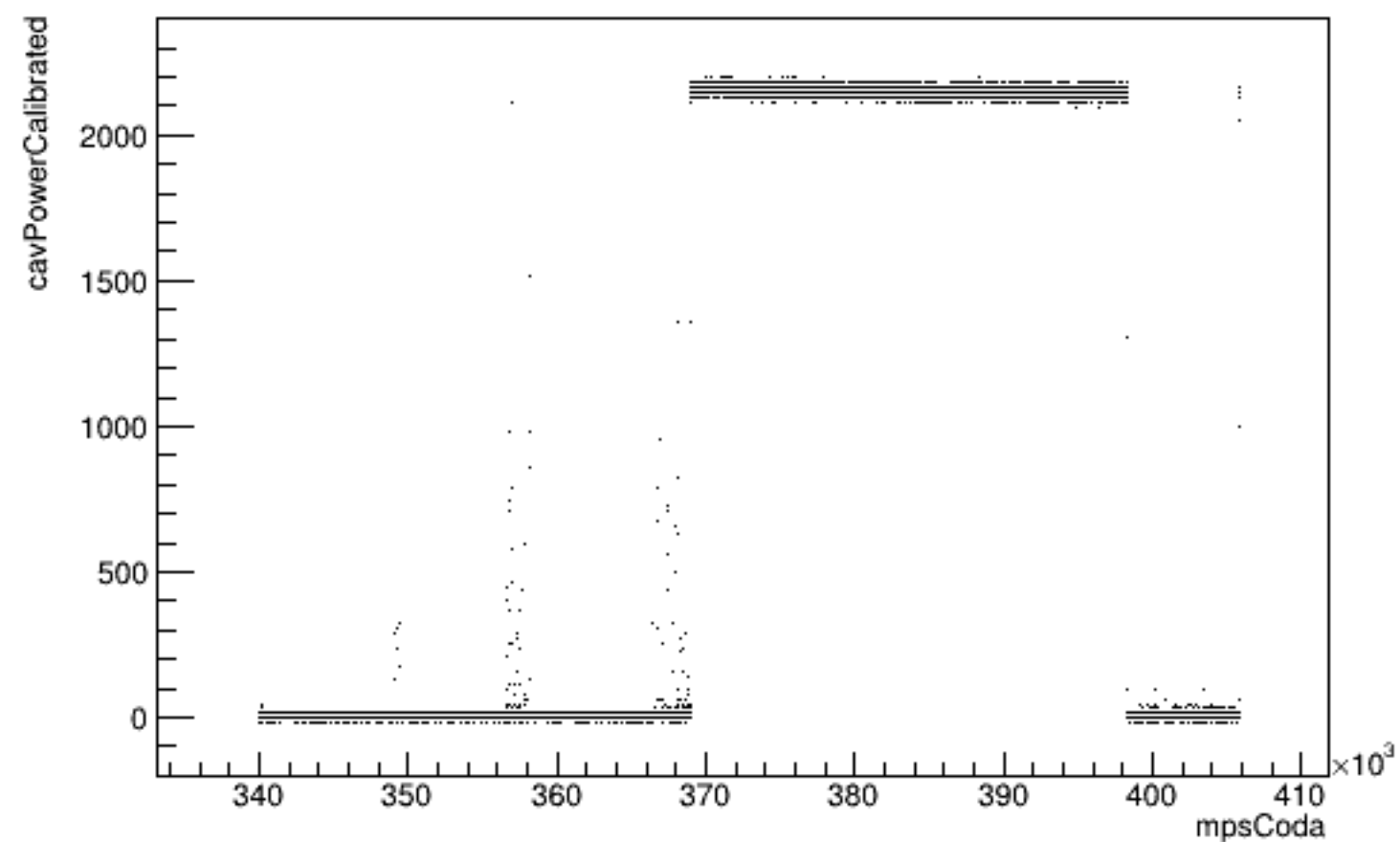
laserState:mpsCoda {mpsCoda>=340058 && mpsCoda<=405905}



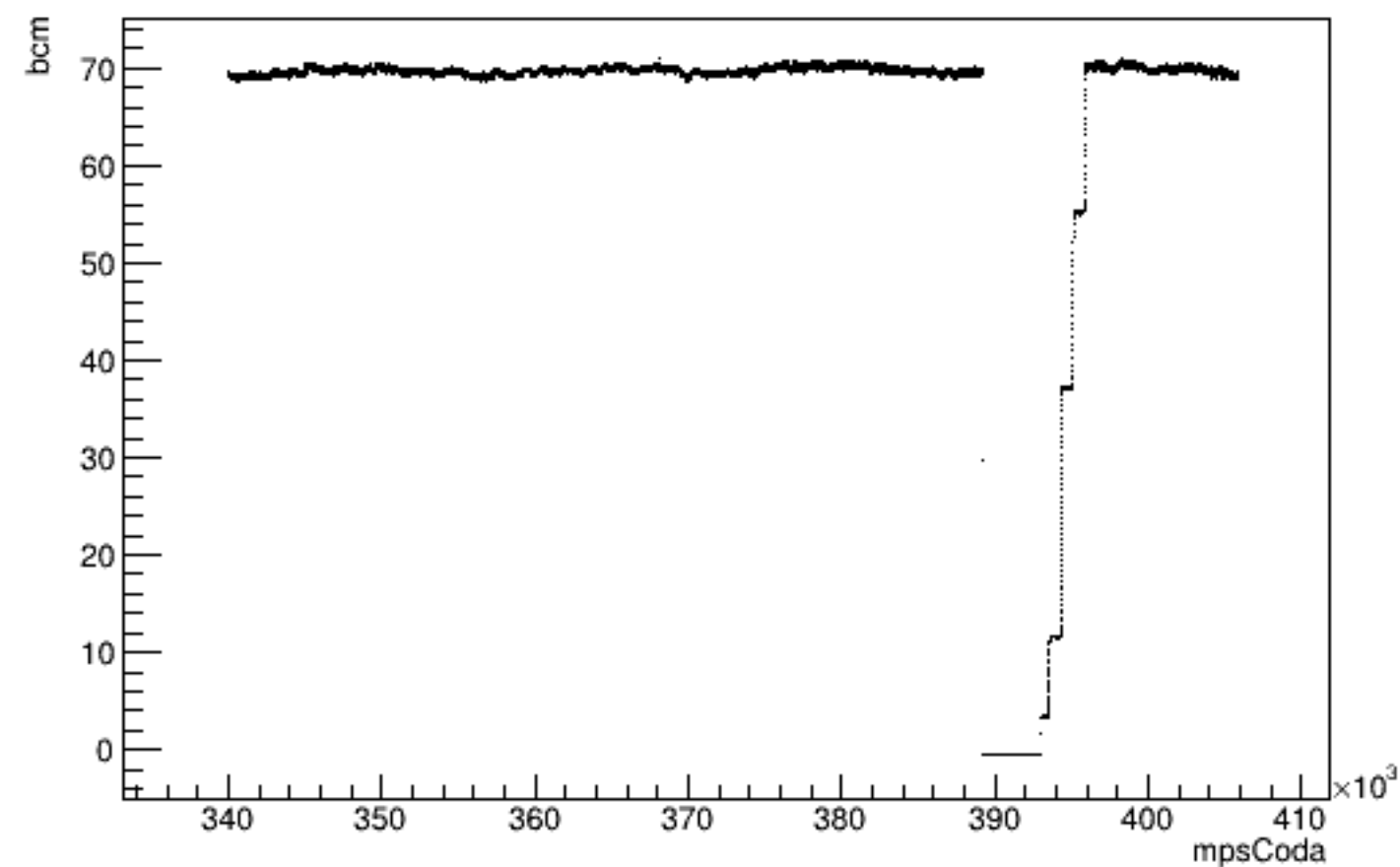
beamState + 1:mpsCoda {mpsCoda>=340058 && mpsCoda<=405905}



cavPowerCalibrated:mpsCoda {mpsCoda>=340058 && mpsCoda<=405905}



bcm:mpsCoda {mpsCoda>=340058 && mpsCoda<=405905}



Cycle 7, Diffs

Entries: 900

Mean: 0.0505 +/- 0.0129

Std Dev: 0.3883 +/- 0.0092

Entries: 3802

Mean: 0.1407 +/- 0.0068

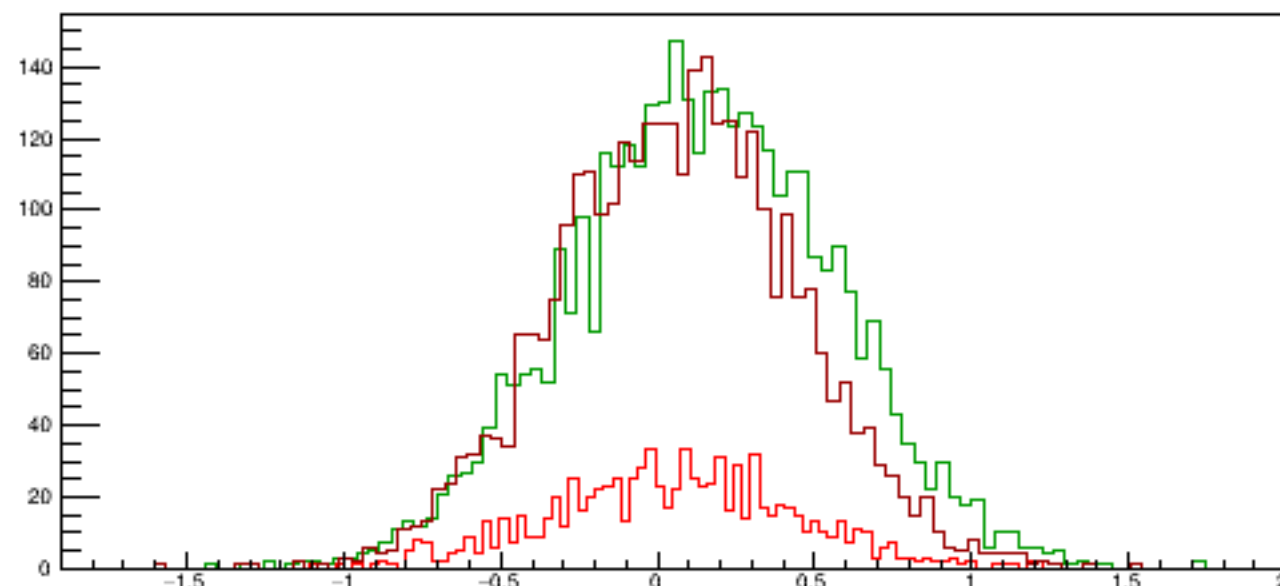
Std Dev: 0.4189 +/- 0.0048

Entries: 3368

Mean: 0.0612 +/- 0.0066

Std Dev: 0.3806 +/- 0.0046

Run 4436 quartetwise, Diffs



Cycle 7, Sums

Entries: 900

Mean: 17.5926 +/- 0.0150

Std Dev: 0.4515 +/- 0.0106

Entries: 3802

Mean: 22.8157 +/- 0.0109

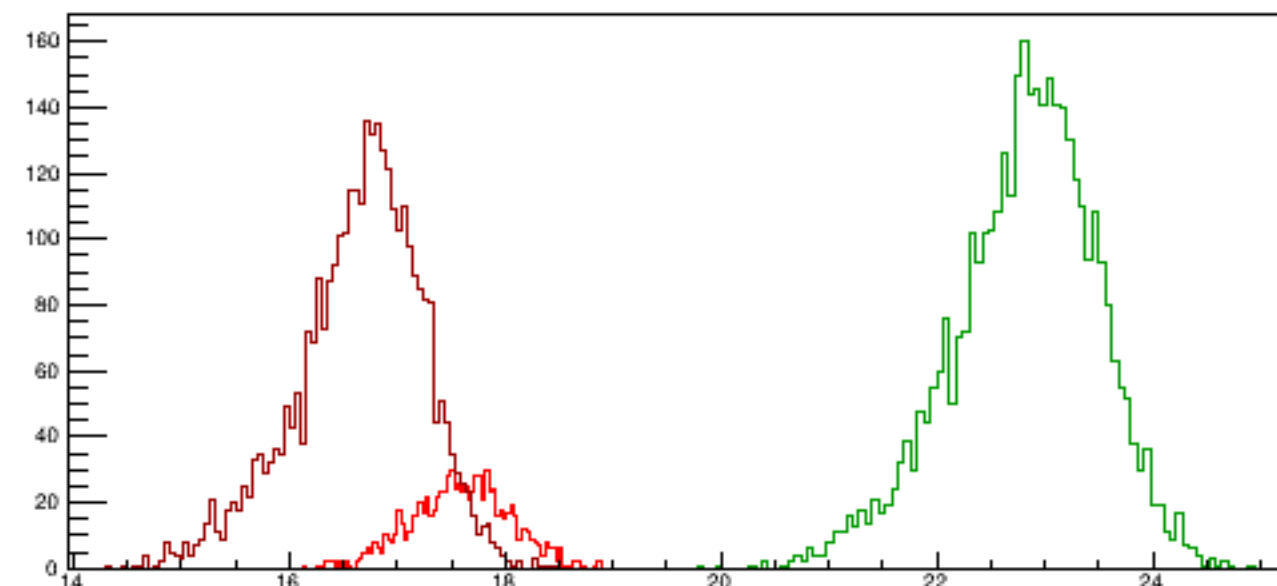
Std Dev: 0.6718 +/- 0.0077

Entries: 3368

Mean: 16.6520 +/- 0.0101

Std Dev: 0.5889 +/- 0.0072

Run 4436 quartetwise, Sums



Cycle 7, Asyms

Entries: 900

Mean: 0.0089 +/- 0.0023

Std Dev: 0.0682 +/- 0.0016

Entries: 3802

Mean: 0.0252 +/- 0.0012

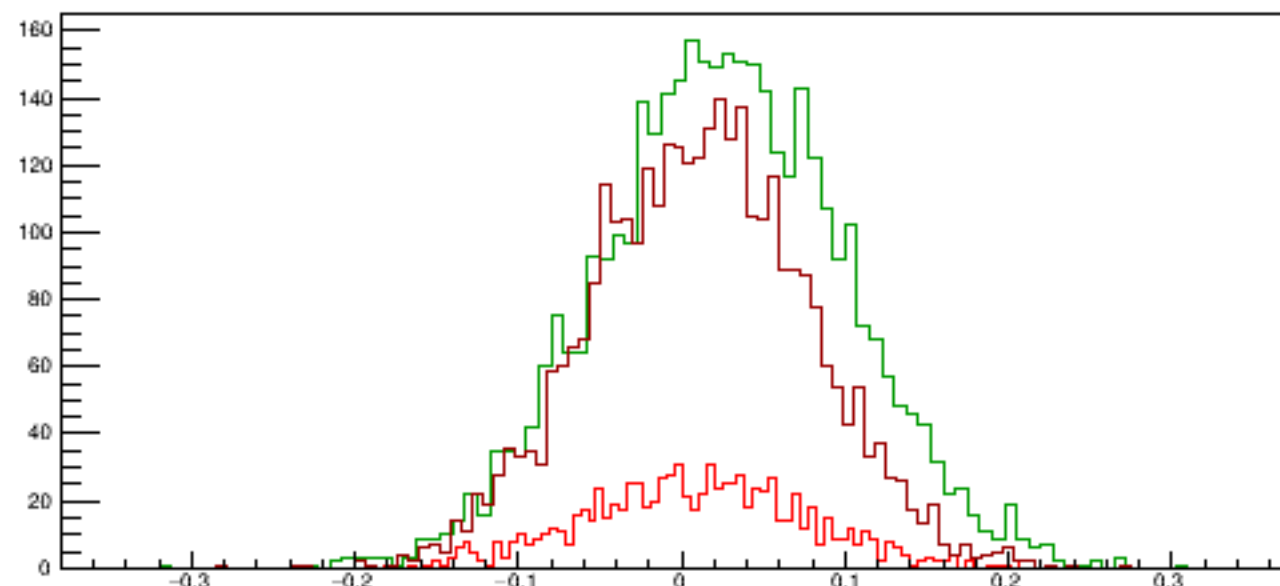
Std Dev: 0.0748 +/- 0.0009

Entries: 3368

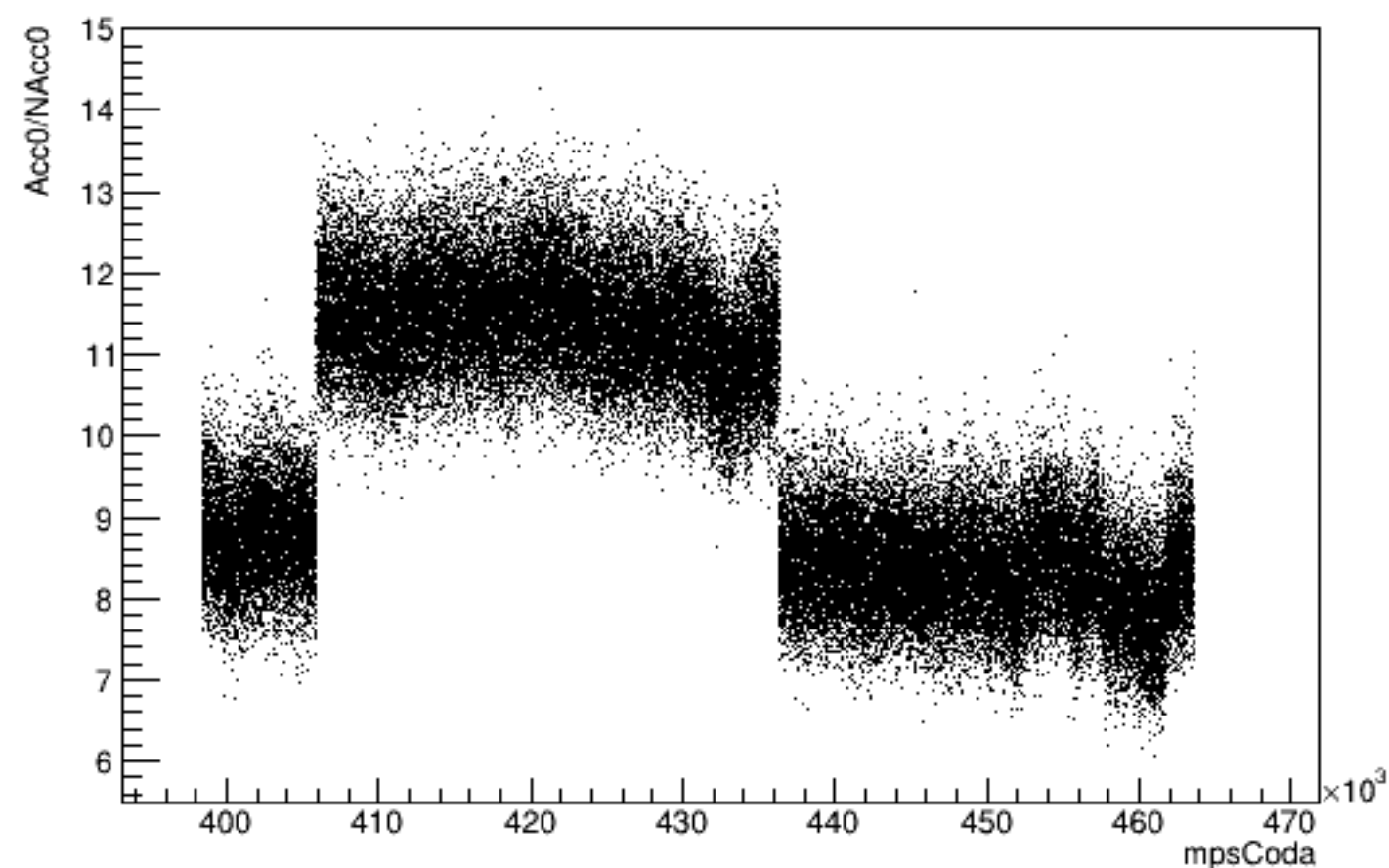
Mean: 0.0108 +/- 0.0012

Std Dev: 0.0668 +/- 0.0008

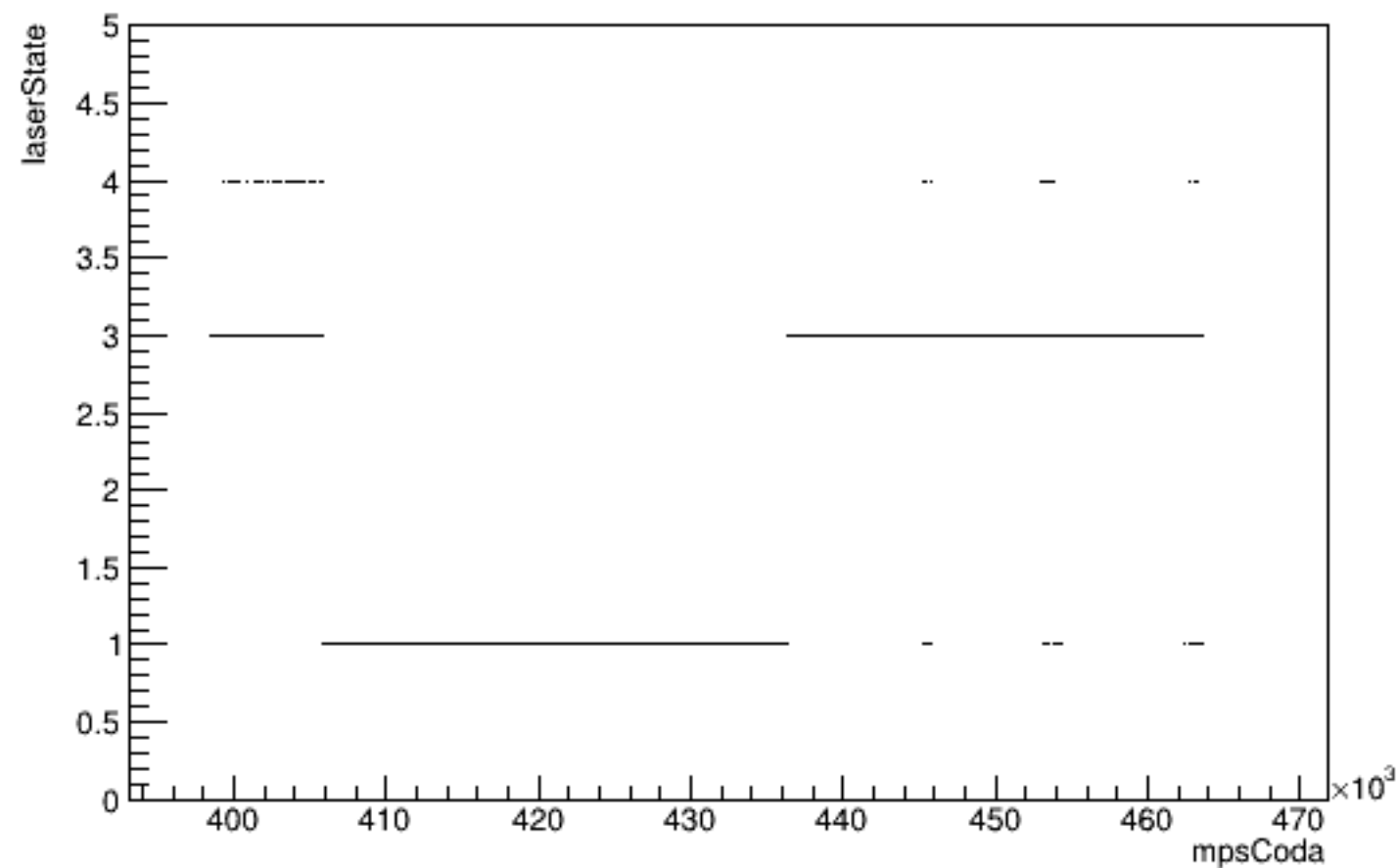
Run 4436 quartetwise, Asyms



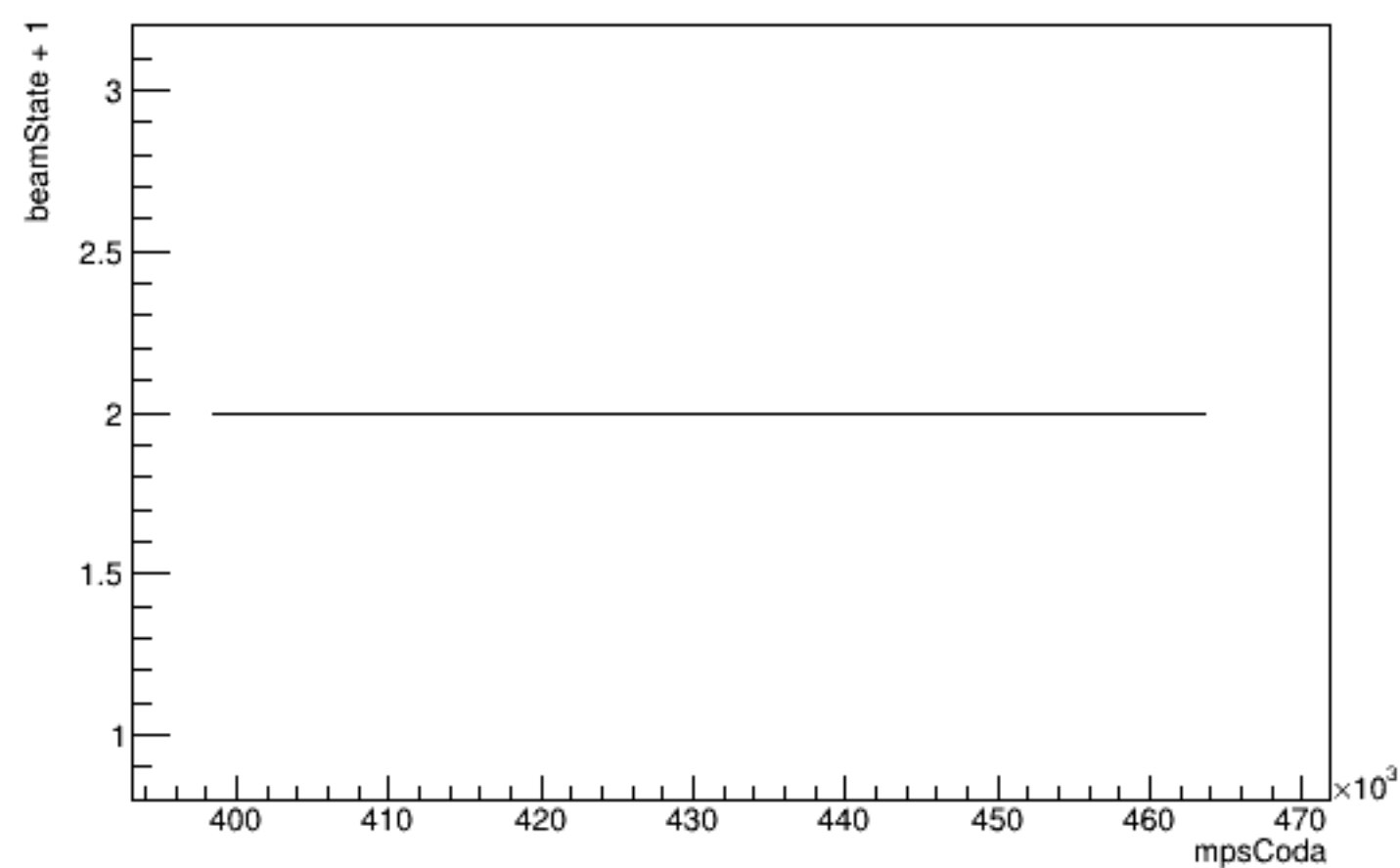
Acc0/NAcc0:mpsCoda (mpsCoda>=398394 && mpsCoda<=463601 && beamState==1)



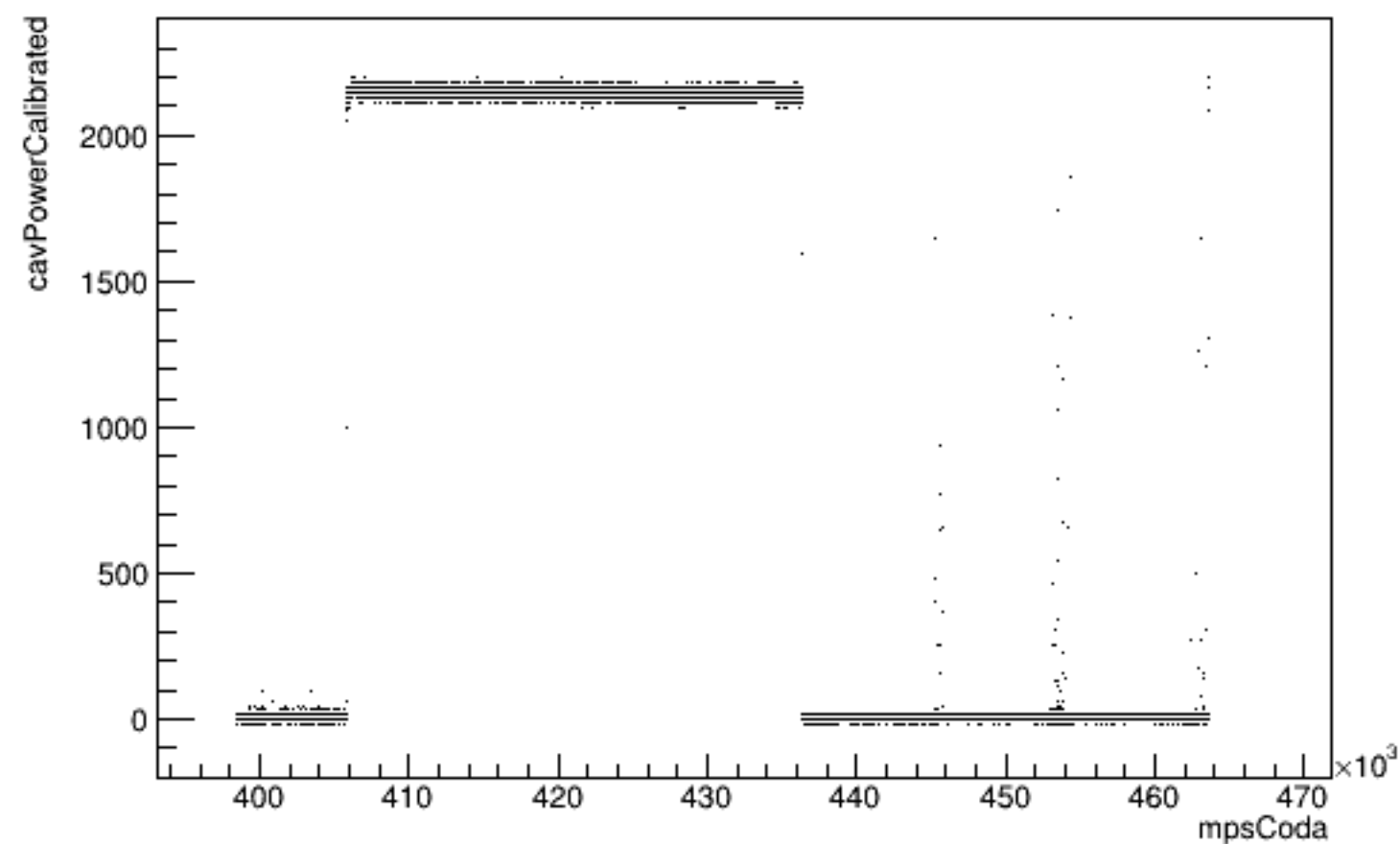
laserState:mpsCoda {mpsCoda>=398394 && mpsCoda<=463601}



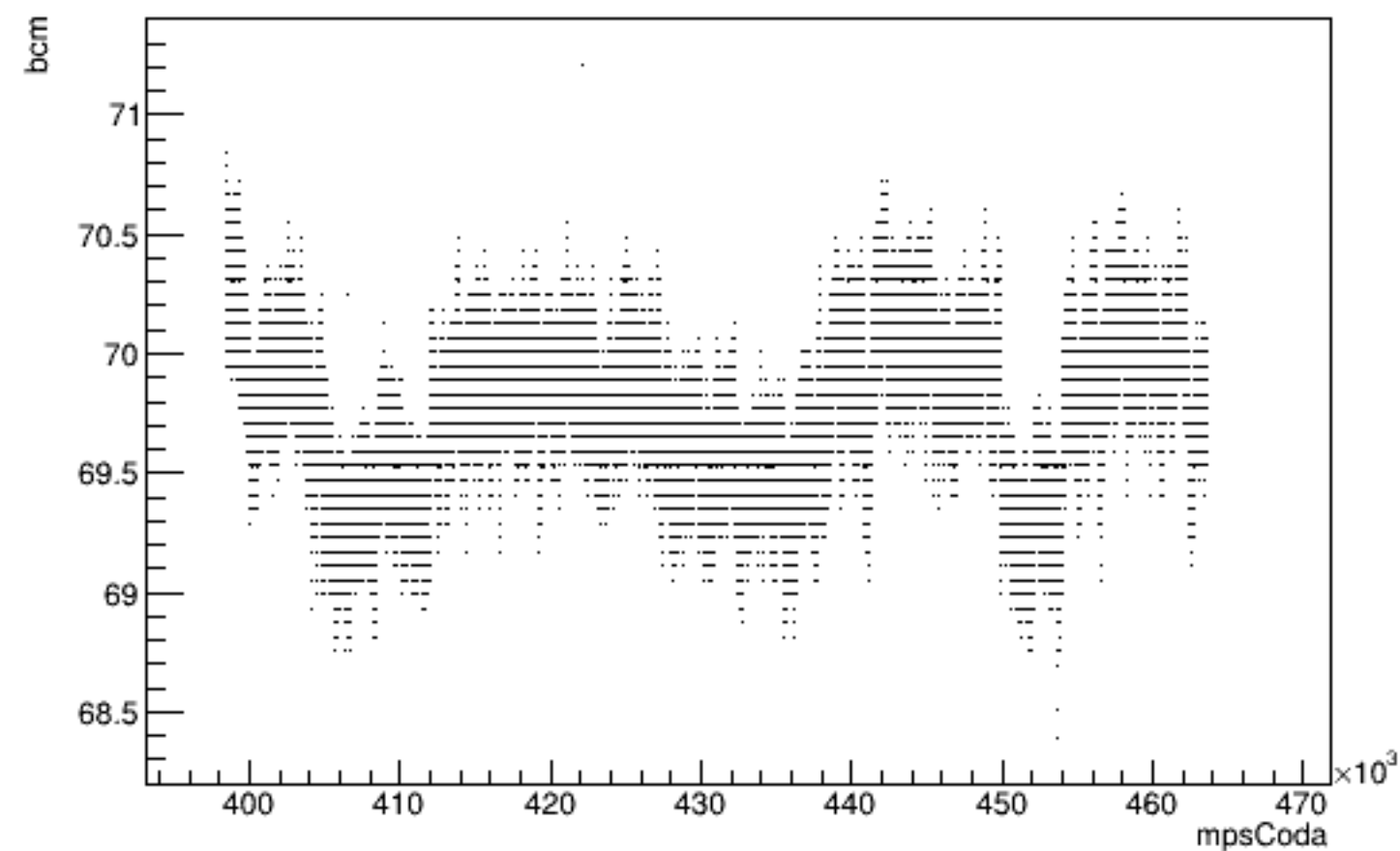
beamState + 1:mpsCoda {mpsCoda>=398394 && mpsCoda<=463601}



cavPowerCalibrated:mpsCoda {mpsCoda>=398394 && mpsCoda<=463601}



bcm:mpsCoda {mpsCoda>=398394 && mpsCoda<=463601}



Cycle 8, Diffs

Entries: 3368

Mean: 0.0612 +/- 0.0066

Std Dev: 0.3806 +/- 0.0046

Entries: 3759

Mean: 0.1236 +/- 0.0068

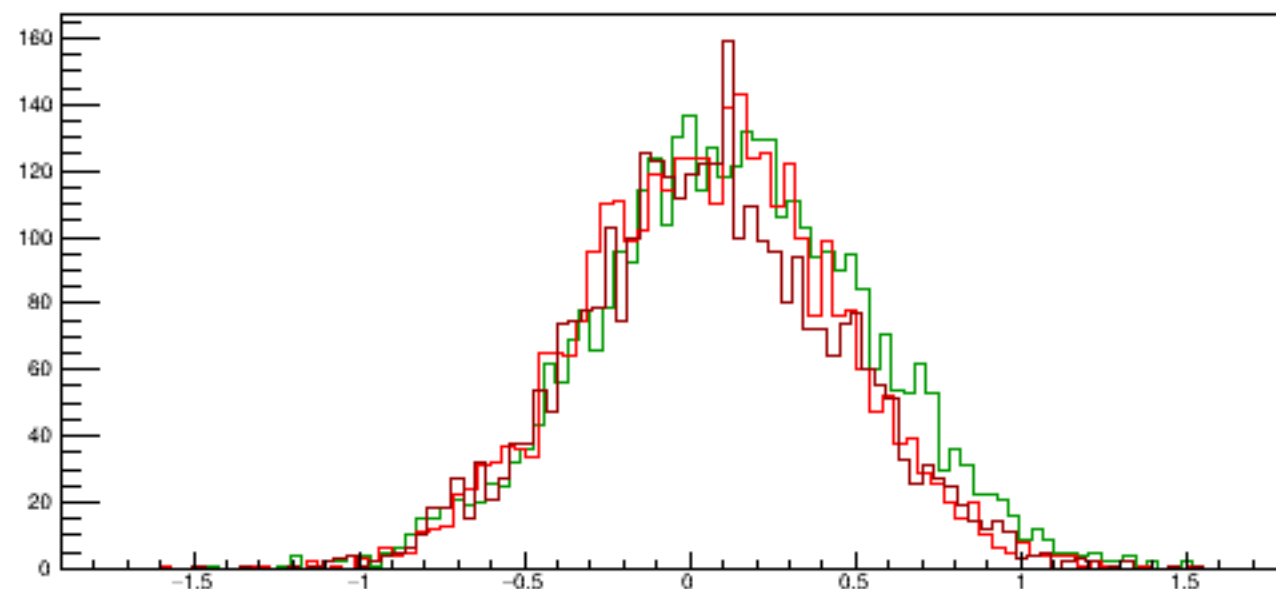
Std Dev: 0.4147 +/- 0.0048

Entries: 3299

Mean: 0.0573 +/- 0.0068

Std Dev: 0.3915 +/- 0.0048

Run 4436 quartetwise, Diffs



Cycle 8, Sums

Entries: 3368

Mean: 16.6520 +/- 0.0101

Std Dev: 0.5889 +/- 0.0072

Entries: 3759

Mean: 21.5761 +/- 0.0086

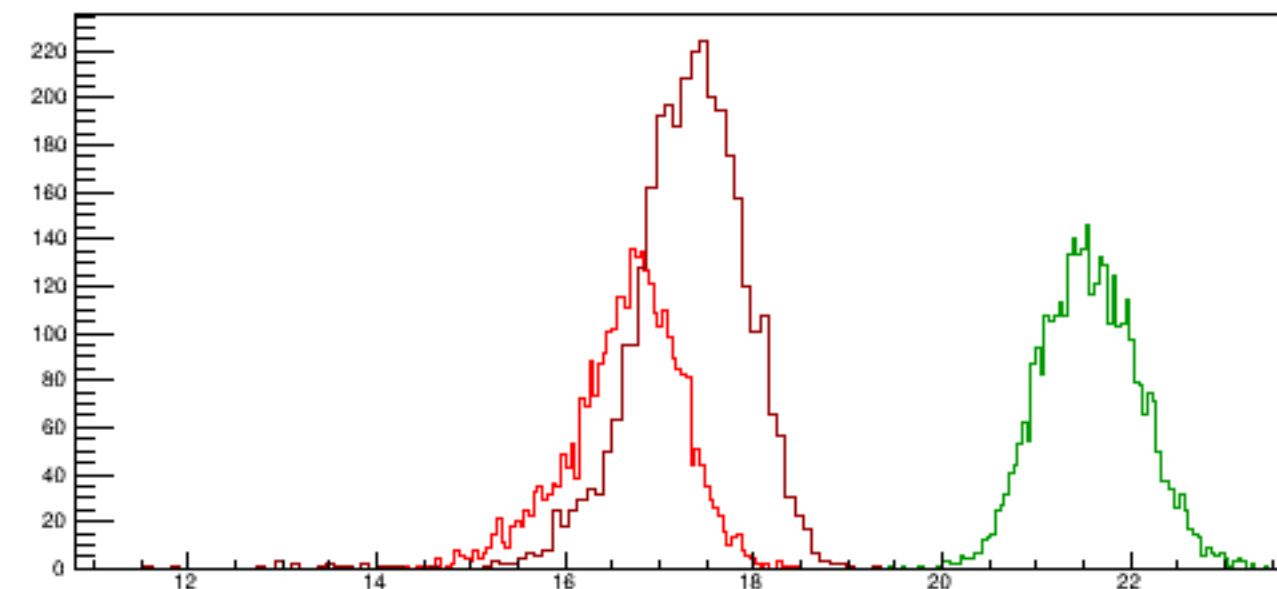
Std Dev: 0.5263 +/- 0.0061

Entries: 3299

Mean: 17.3099 +/- 0.0112

Std Dev: 0.6452 +/- 0.0079

Run 4436 quartetwise, Sums



Cycle 8, Asyms

Entries: 3368

Mean: 0.0133 +/- 0.0014

Std Dev: 0.0828 +/- 0.0010

Entries: 3759

Mean: 0.0275 +/- 0.0015

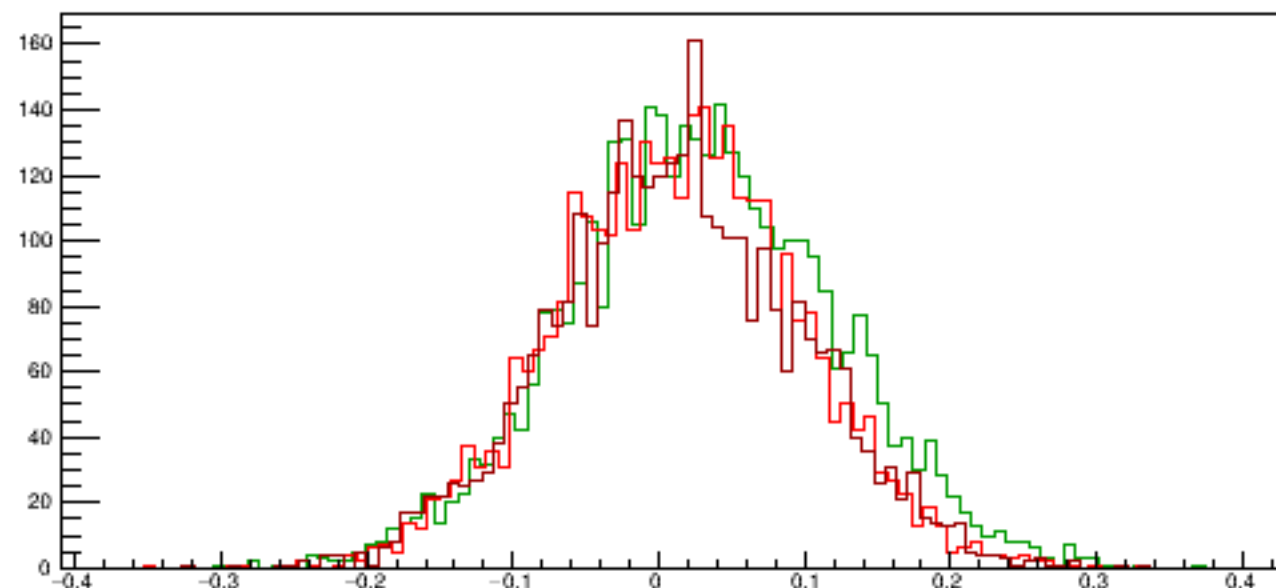
Std Dev: 0.0915 +/- 0.0011

Entries: 3299

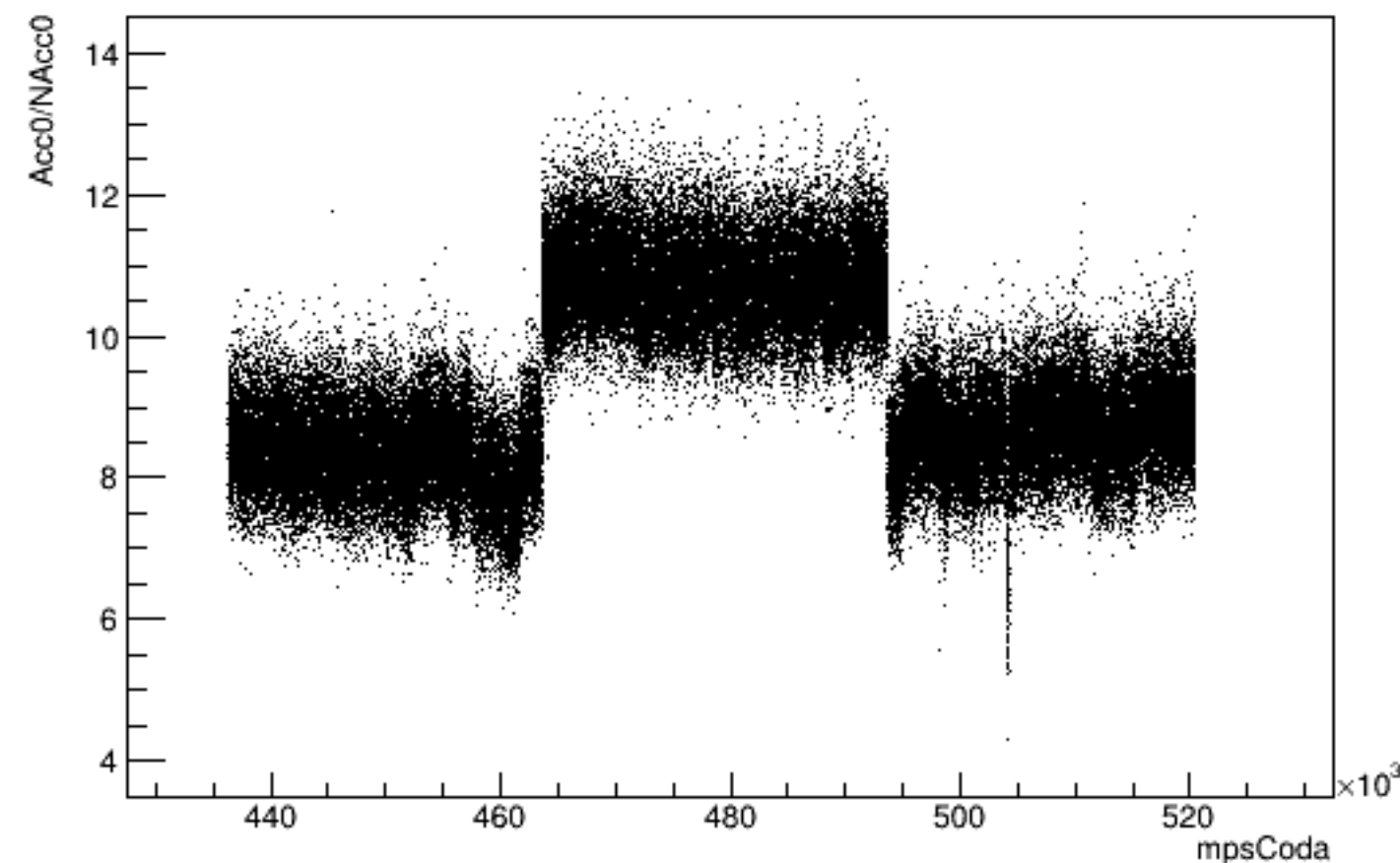
Mean: 0.0125 +/- 0.0015

Std Dev: 0.0852 +/- 0.0010

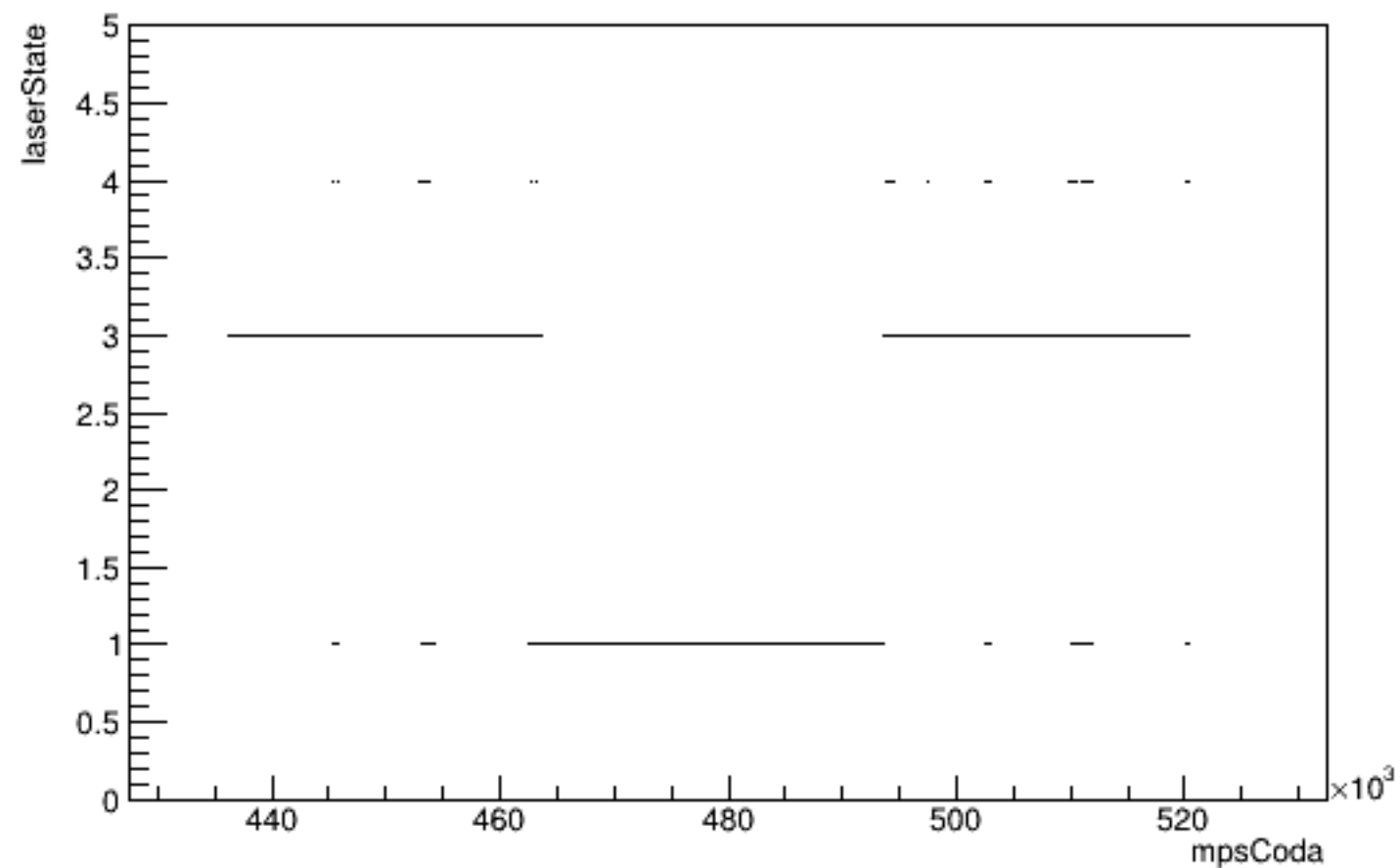
Run 4436 quartetwise, Asyms



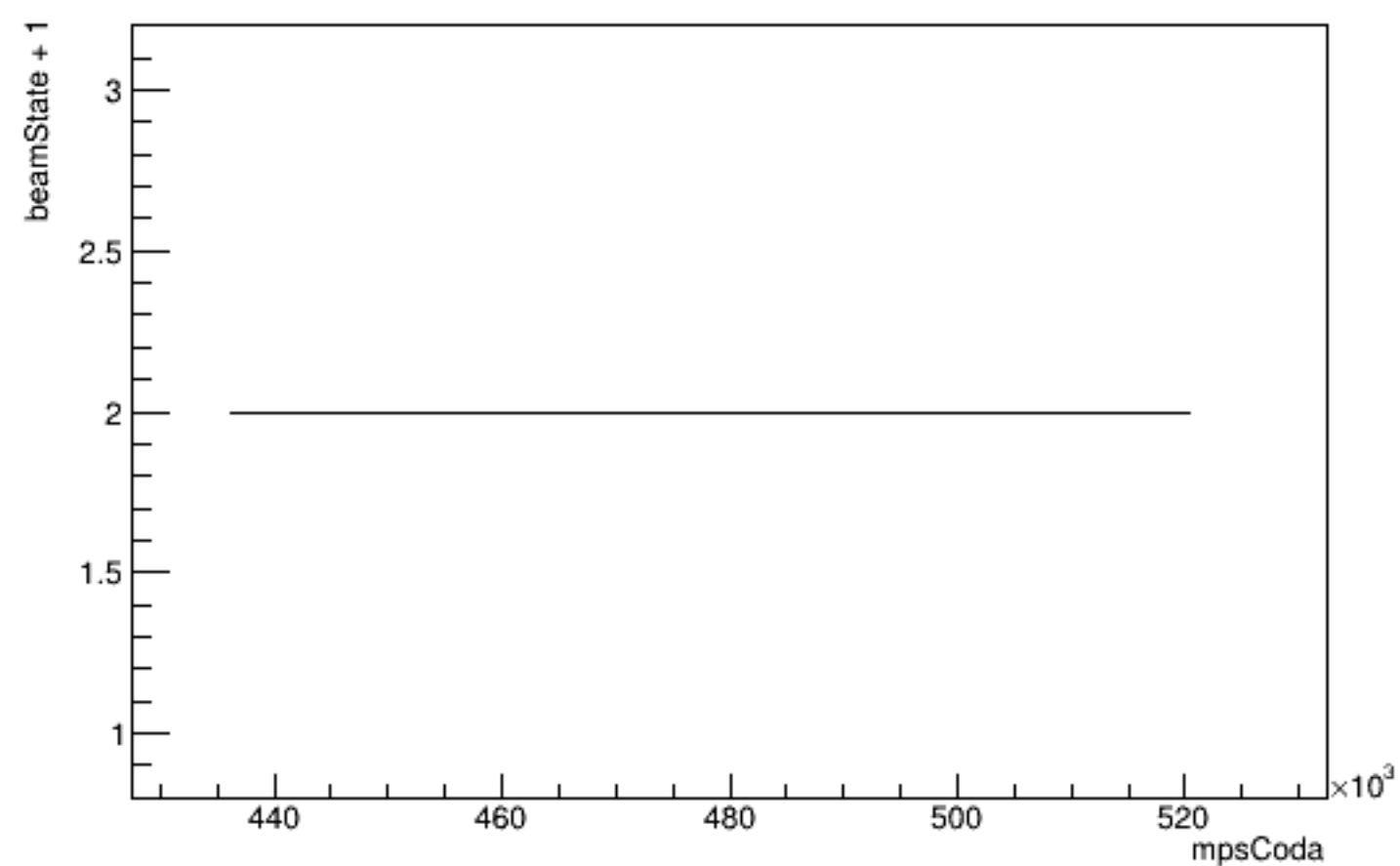
Acc0/NAcc0:mpsCoda (mpsCoda>=436322 && mpsCoda<=520433 && beamState==1)



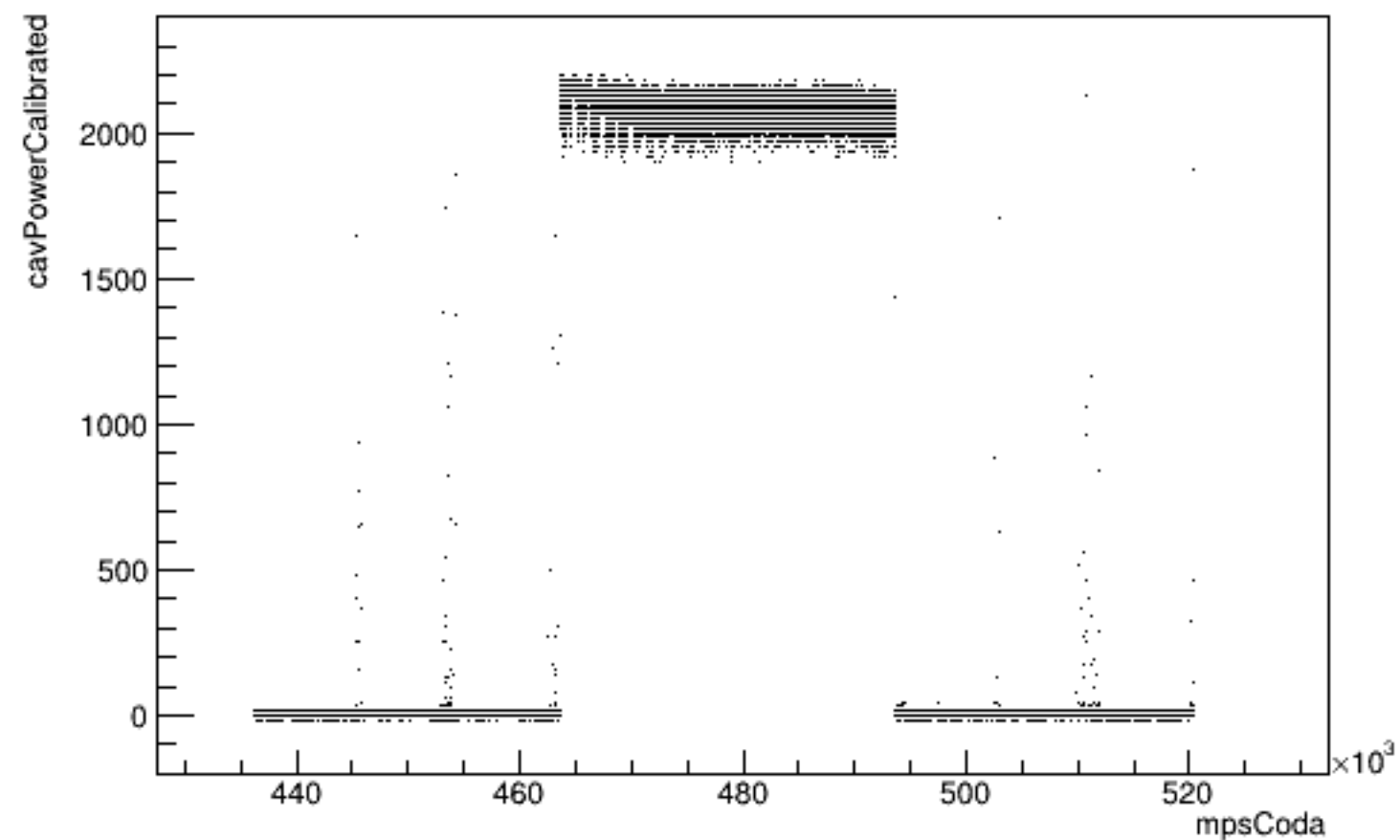
laserState:mpsCoda {mpsCoda>=436322 && mpsCoda<=520433}



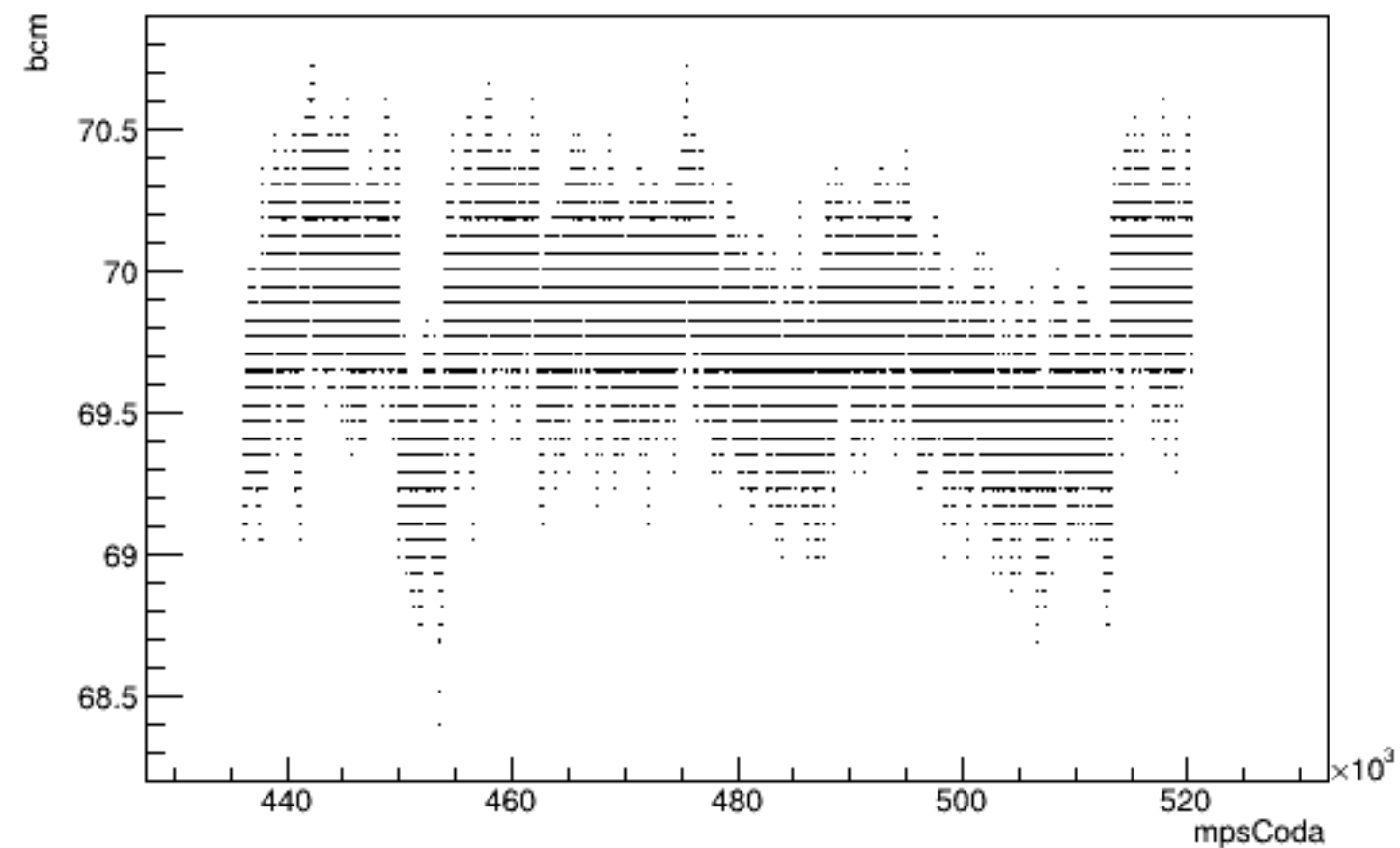
beamState + 1:mpsCoda {mpsCoda>=436322 && mpsCoda<=520433}



cavPowerCalibrated:mpsCoda {mpsCoda>=436322 && mpsCoda<=520433}



bcm:mpsCoda {mpsCoda>=436322 && mpsCoda<=520433}



Cycle 9, Diffs

Entries: 3299

Mean: 0.0573 +/- 0.0068

Std Dev: 0.3915 +/- 0.0048

Entries: 3703

Mean: 0.1441 +/- 0.0071

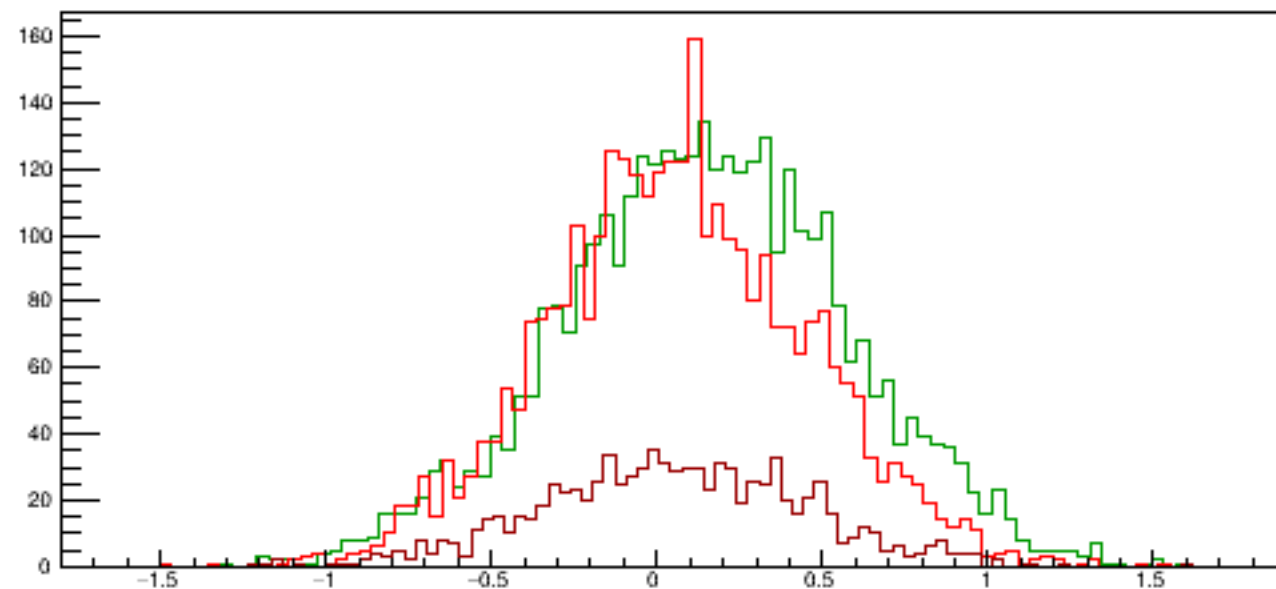
Std Dev: 0.4322 +/- 0.0050

Entries: 911

Mean: 0.0507 +/- 0.0132

Std Dev: 0.3998 +/- 0.0094

Run 4436 quartetwise, Diffs



Cycle 9, Sums

Entries: 3299

Mean: 17.3099 +/- 0.0112

Std Dev: 0.6452 +/- 0.0079

Entries: 3703

Mean: 22.8722 +/- 0.0104

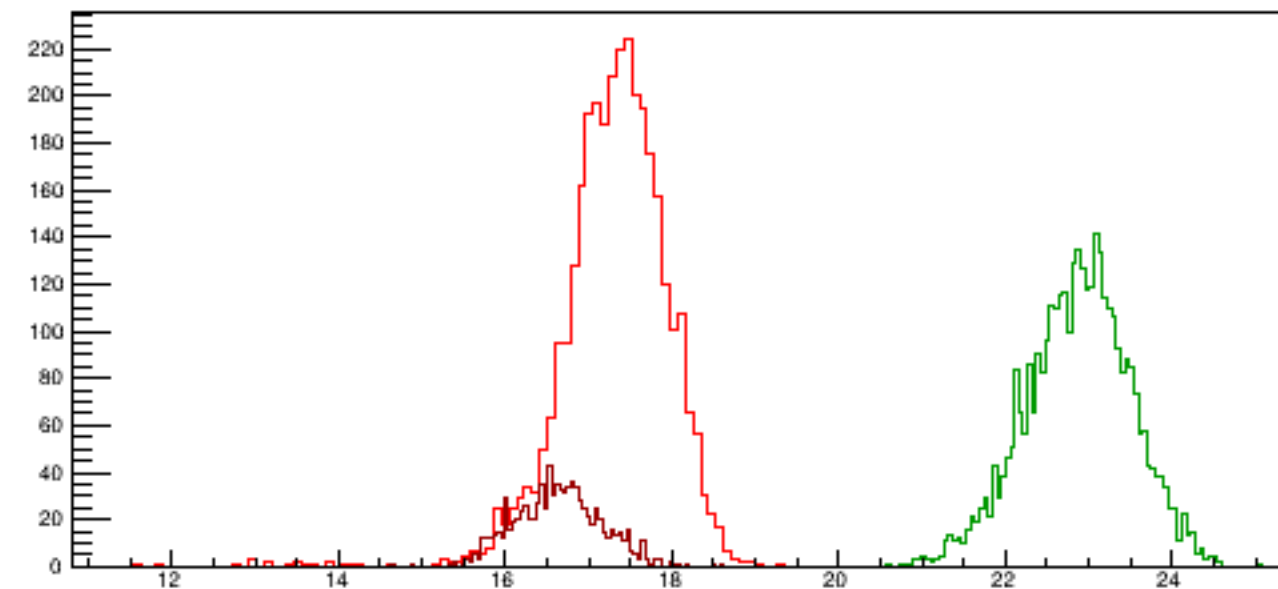
Std Dev: 0.6309 +/- 0.0073

Entries: 911

Mean: 16.6398 +/- 0.0172

Std Dev: 0.5188 +/- 0.0122

Run 4436 quartetwise, Sums



Cycle 9, Asyms

Entries: 3299

Mean: 0.0097 +/- 0.0012

Std Dev: 0.0664 +/- 0.0008

Entries: 3703

Mean: 0.0249 +/- 0.0012

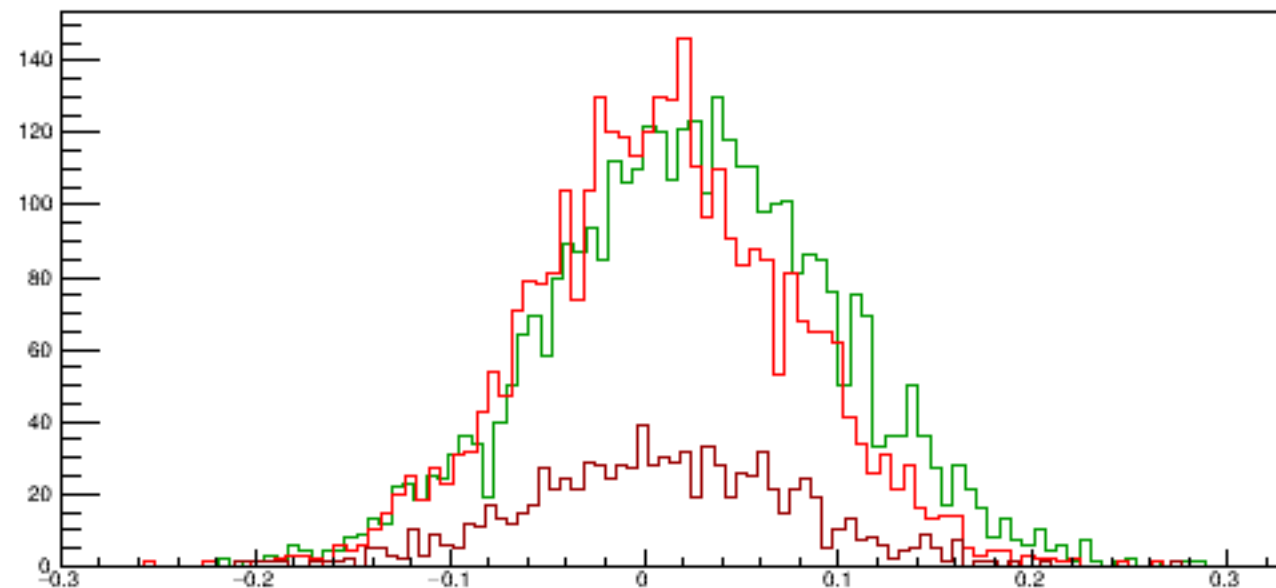
Std Dev: 0.0740 +/- 0.0009

Entries: 911

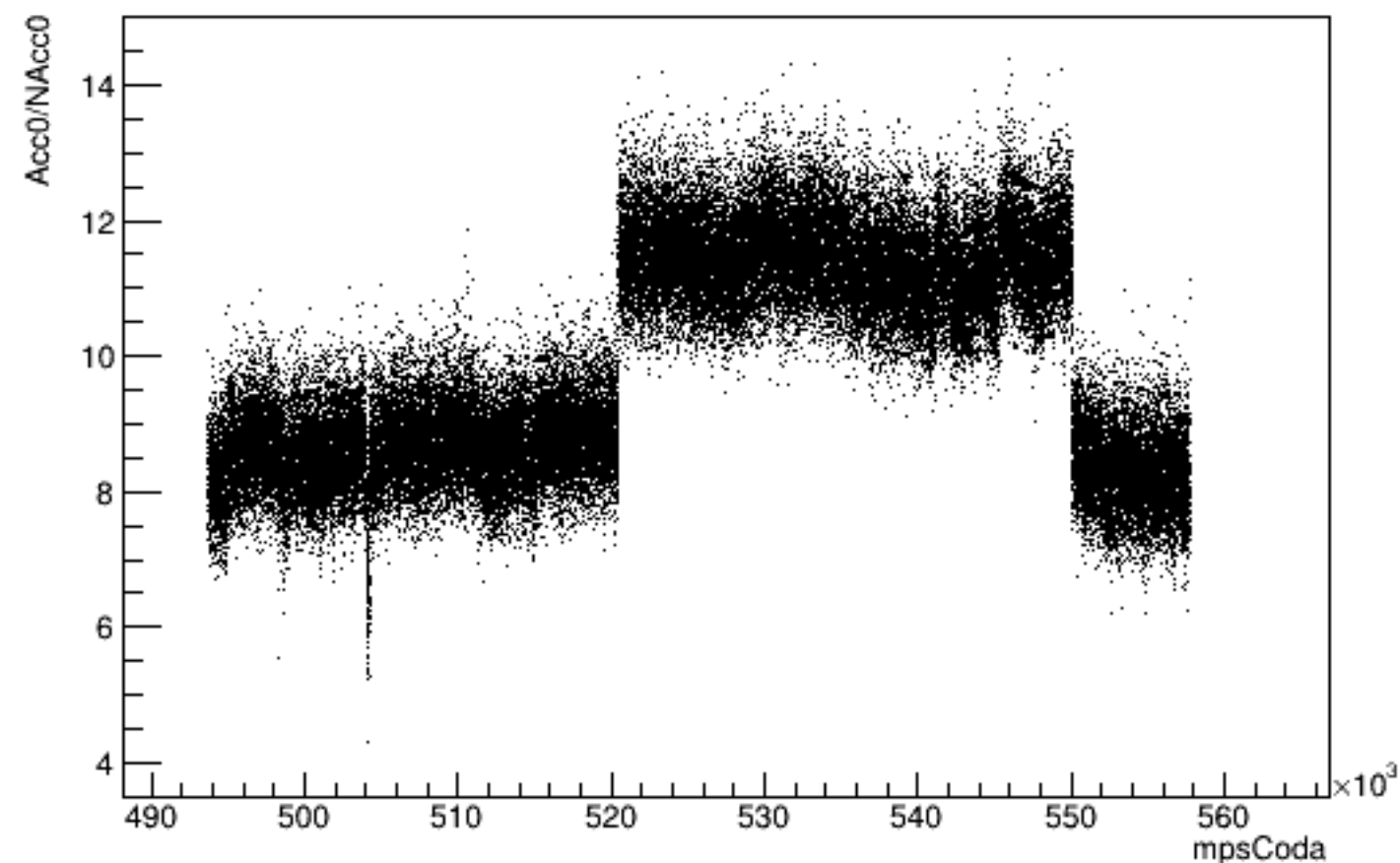
Mean: 0.0086 +/- 0.0022

Std Dev: 0.0678 +/- 0.0016

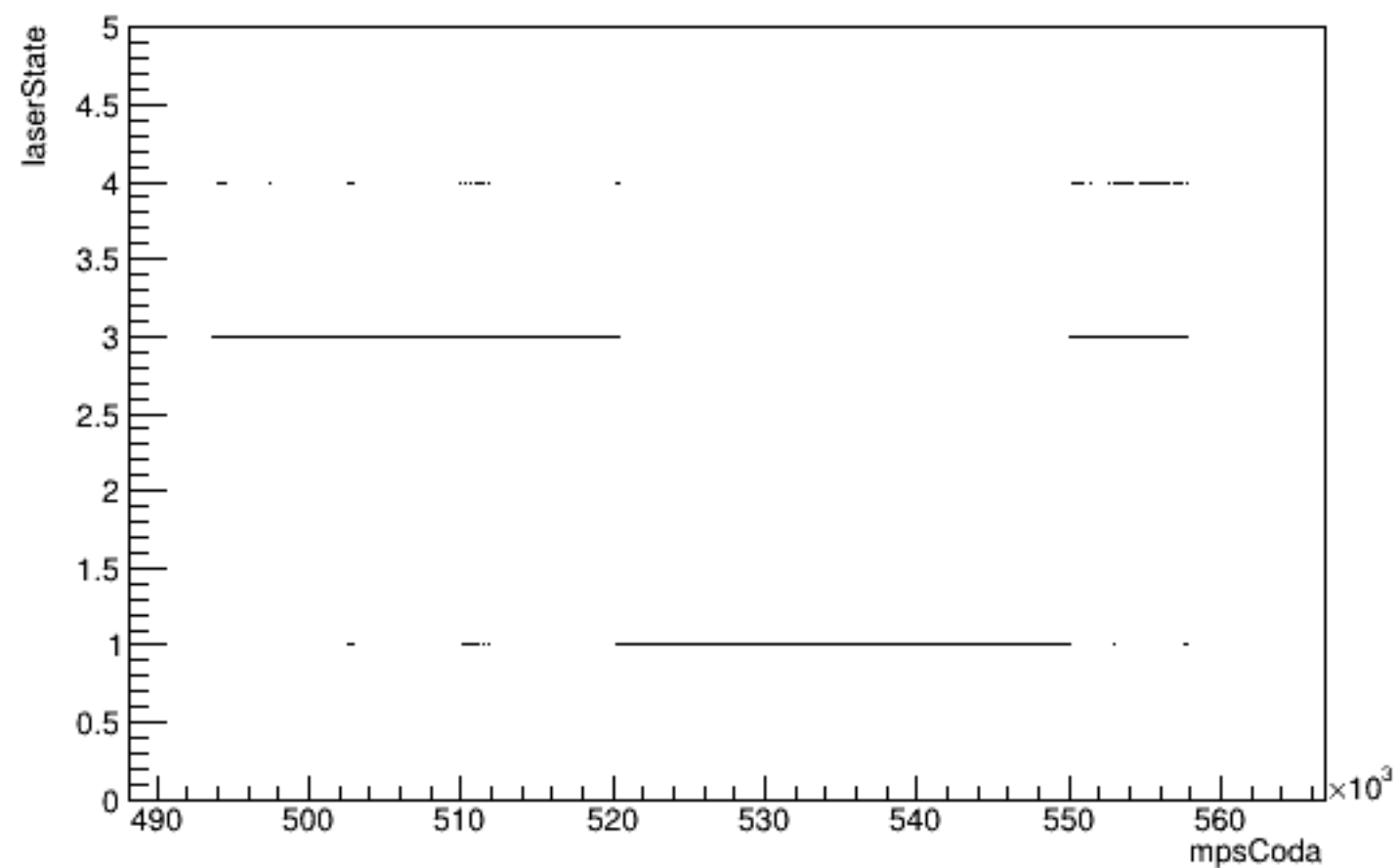
Run 4436 quartetwise, Asyms



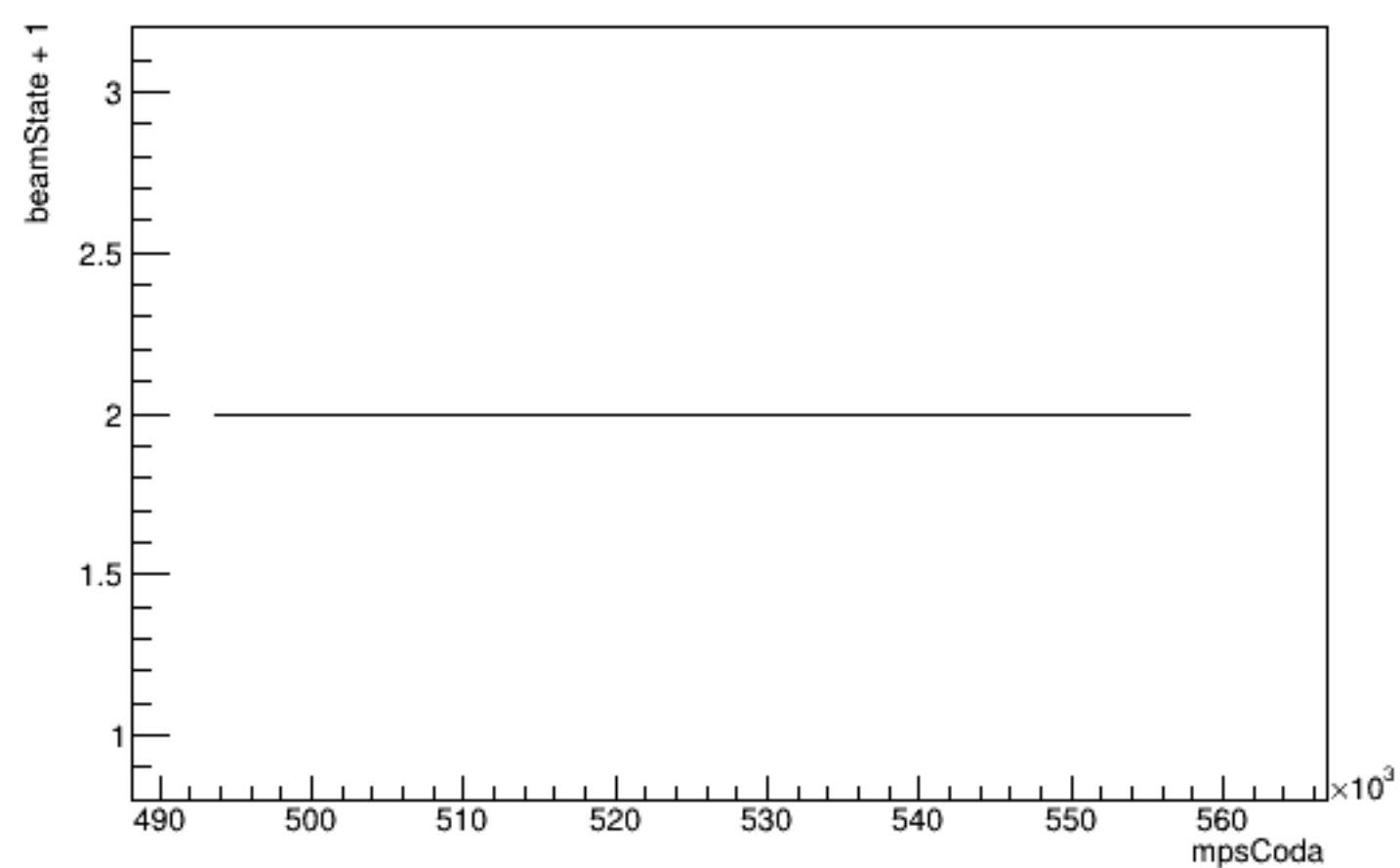
Acc0/NAcc0:mpsCoda (mpsCoda>=493682 && mpsCoda<=557721 && beamState==1)



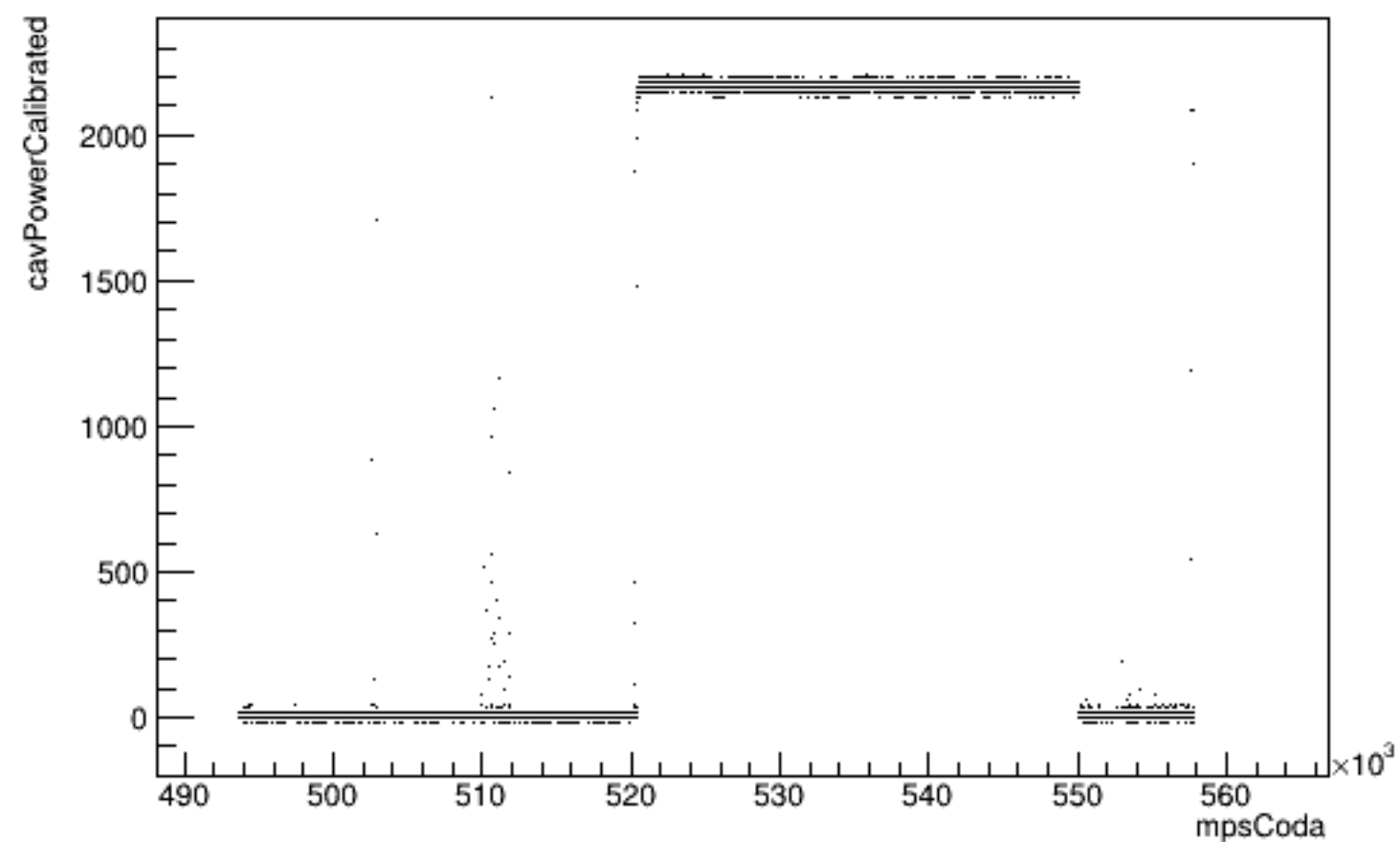
laserState:mpsCoda {mpsCoda>=493682 && mpsCoda<=557721}



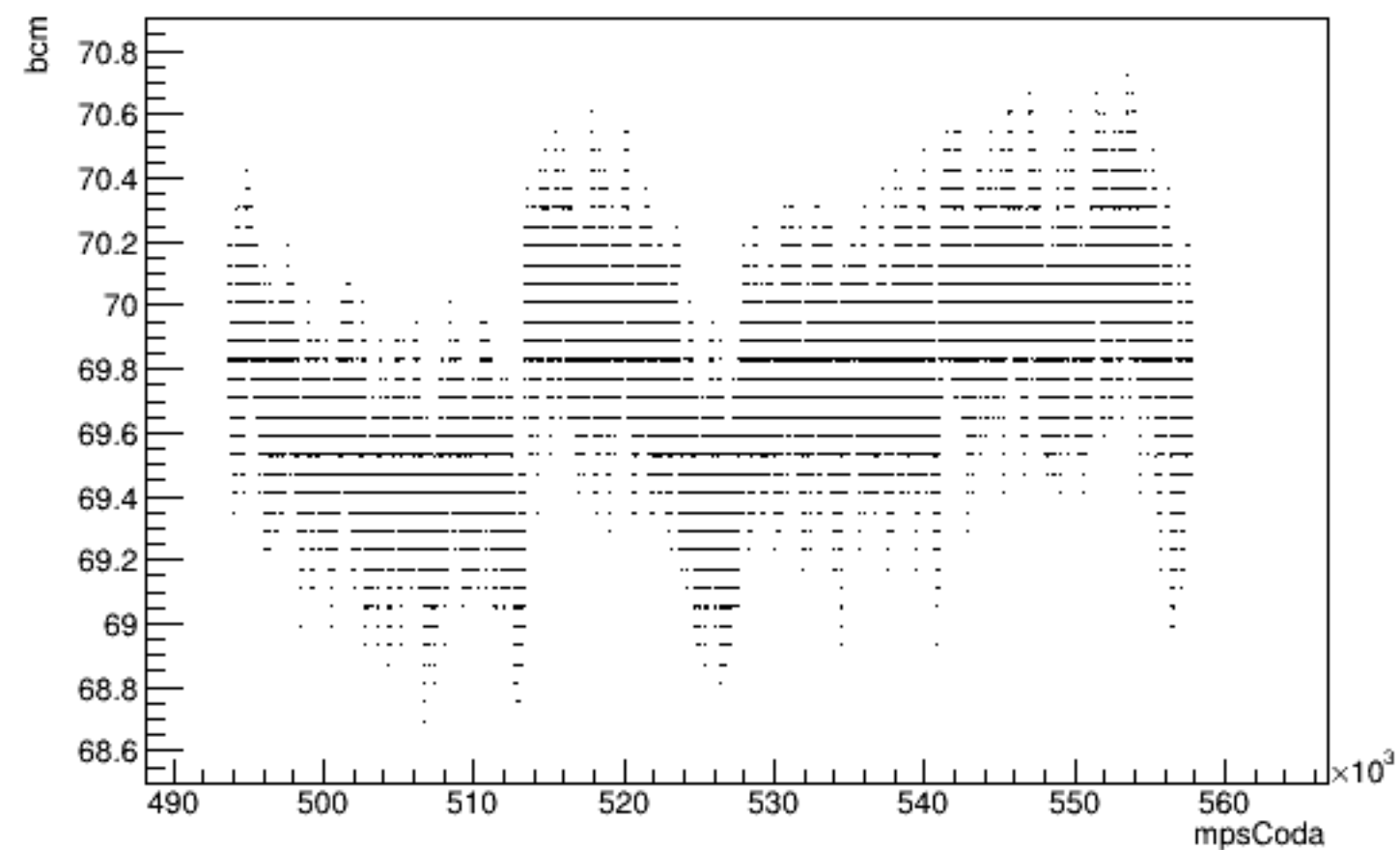
beamState + 1:mpsCoda {mpsCoda>=493682 && mpsCoda<=557721}



cavPowerCalibrated:mpsCoda {mpsCoda>=493682 && mpsCoda<=557721}



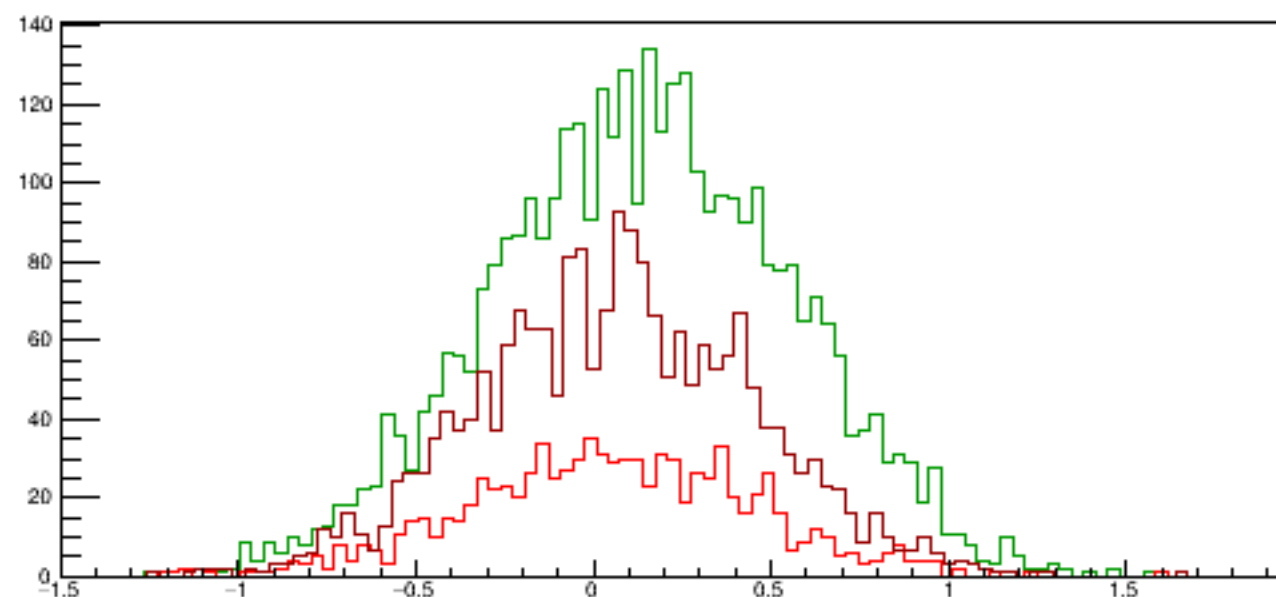
bcm:mpsCoda {mpsCoda>=493682 && mpsCoda<=557721}



Cycle 10, Diffs

Entries: 911	Entries: 3785	Entries: 2078
Mean: 0.0507 +/- 0.0132	Mean: 0.1339 +/- 0.0068	Mean: 0.0638 +/- 0.0085
Std Dev: 0.3998 +/- 0.0094	Std Dev: 0.4211 +/- 0.0048	Std Dev: 0.3882 +/- 0.0060

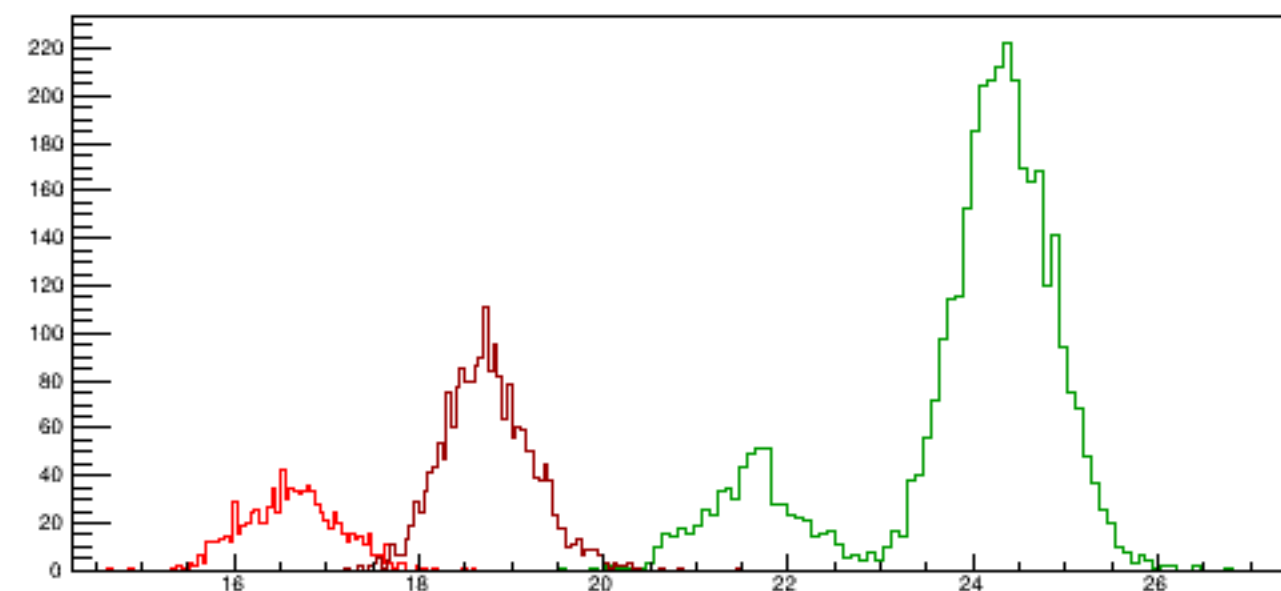
Run 4436 quartetwise, Diffs



Cycle 10, Sums

Entries: 911	Entries: 3785	Entries: 2078
Mean: 16.6398 +/- 0.0172	Mean: 23.8740 +/- 0.0188	Mean: 18.7520 +/- 0.0106
Std Dev: 0.5188 +/- 0.0122	Std Dev: 1.1576 +/- 0.0133	Std Dev: 0.4822 +/- 0.0075

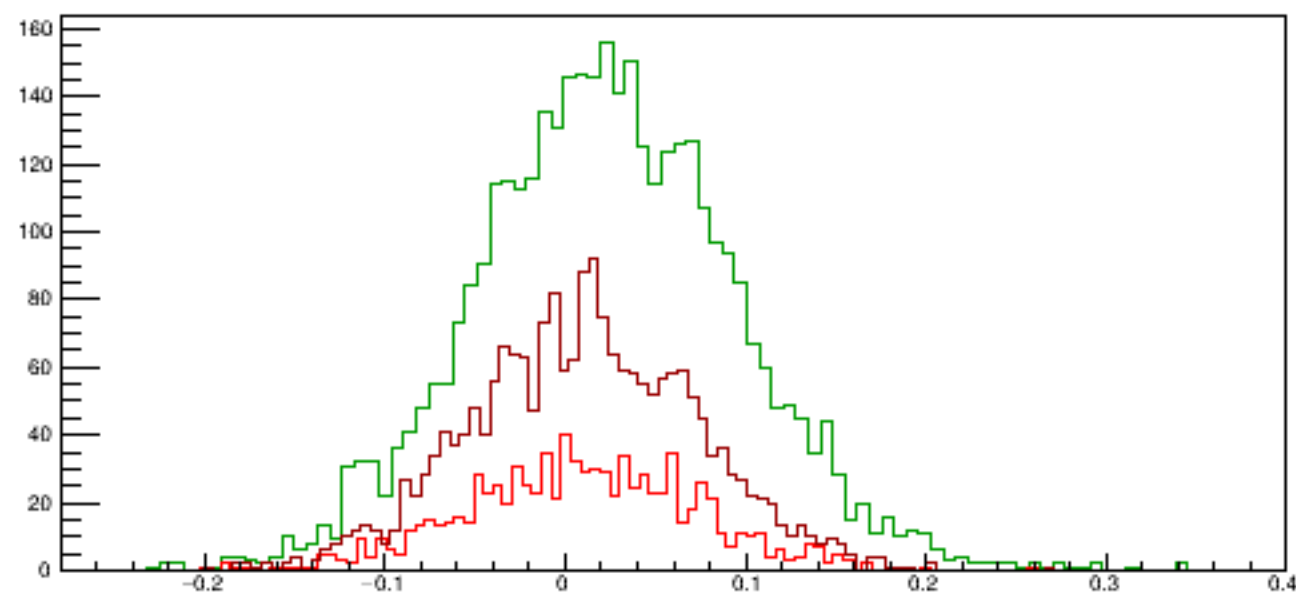
Run 4436 quartetwise, Sums



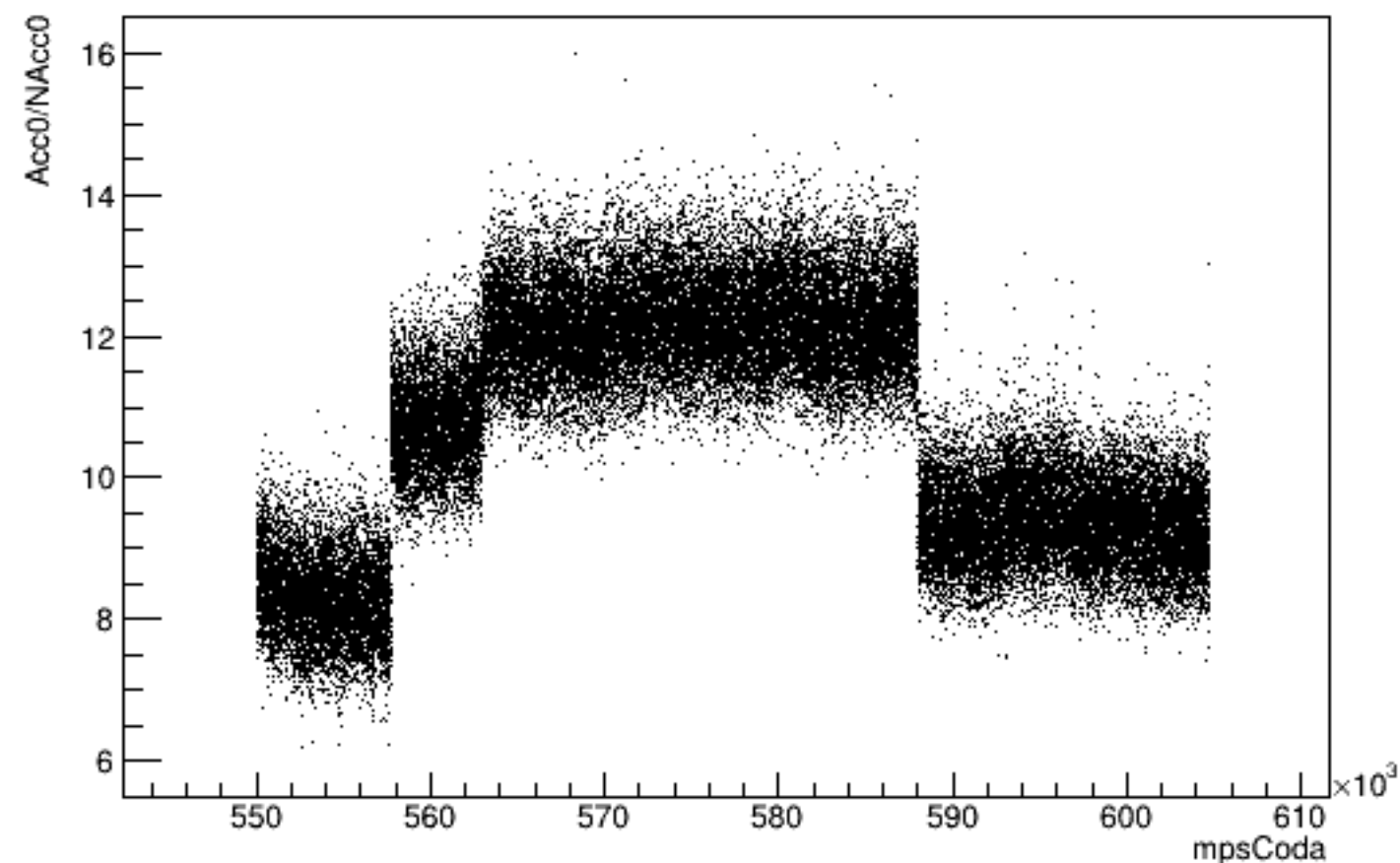
Cycle 10, Asyms

Entries: 911	Entries: 3785	Entries: 2078
Mean: 0.0082 +/- 0.0021	Mean: 0.0230 +/- 0.0012	Mean: 0.0103 +/- 0.0014
Std Dev: 0.0647 +/- 0.0015	Std Dev: 0.0728 +/- 0.0008	Std Dev: 0.0628 +/- 0.0010

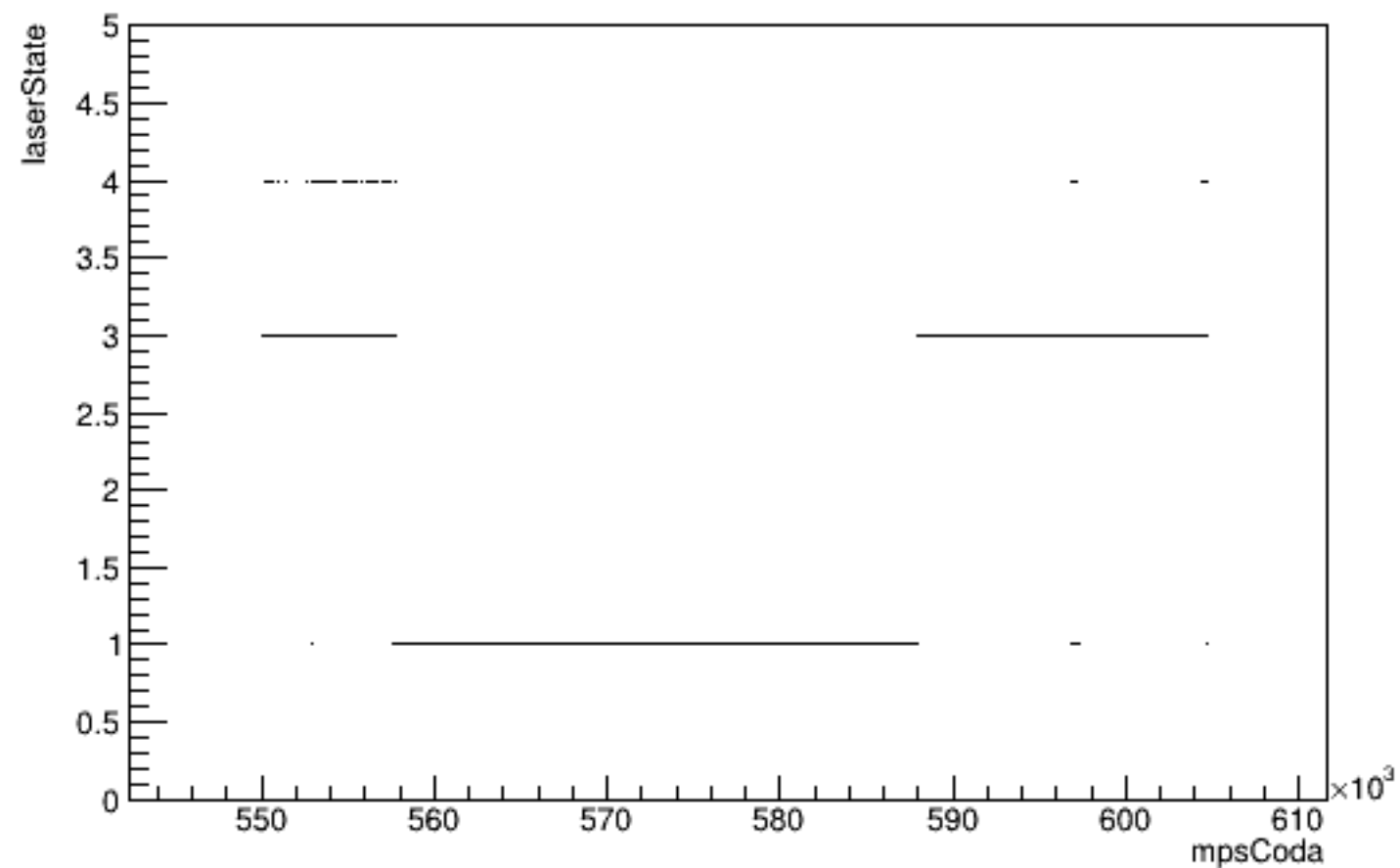
Run 4436 quartetwise, Asyms



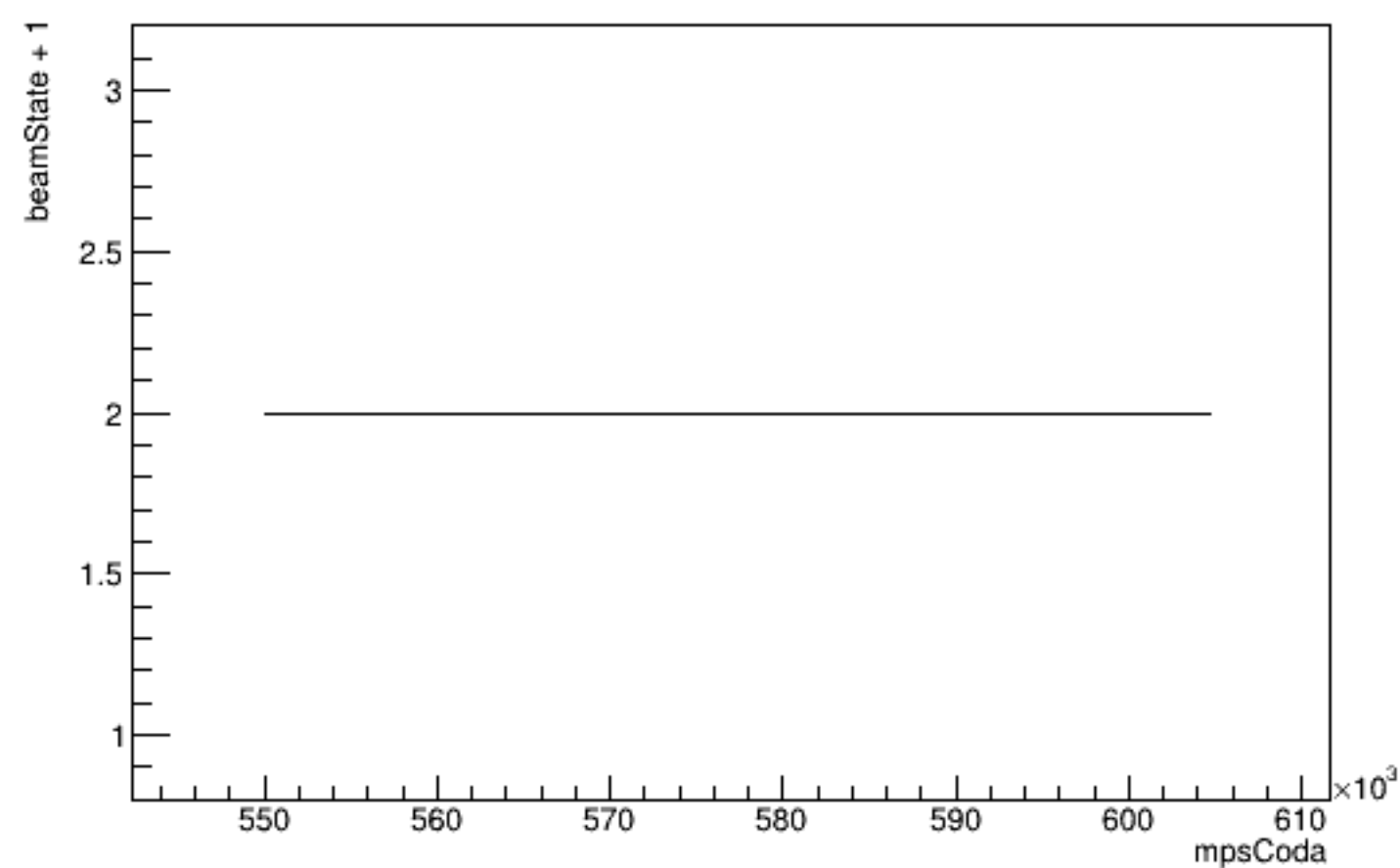
Acc0/NAcc0:mpsCoda (mpsCoda>=550066 && mpsCoda<=604721 && beamState==1)



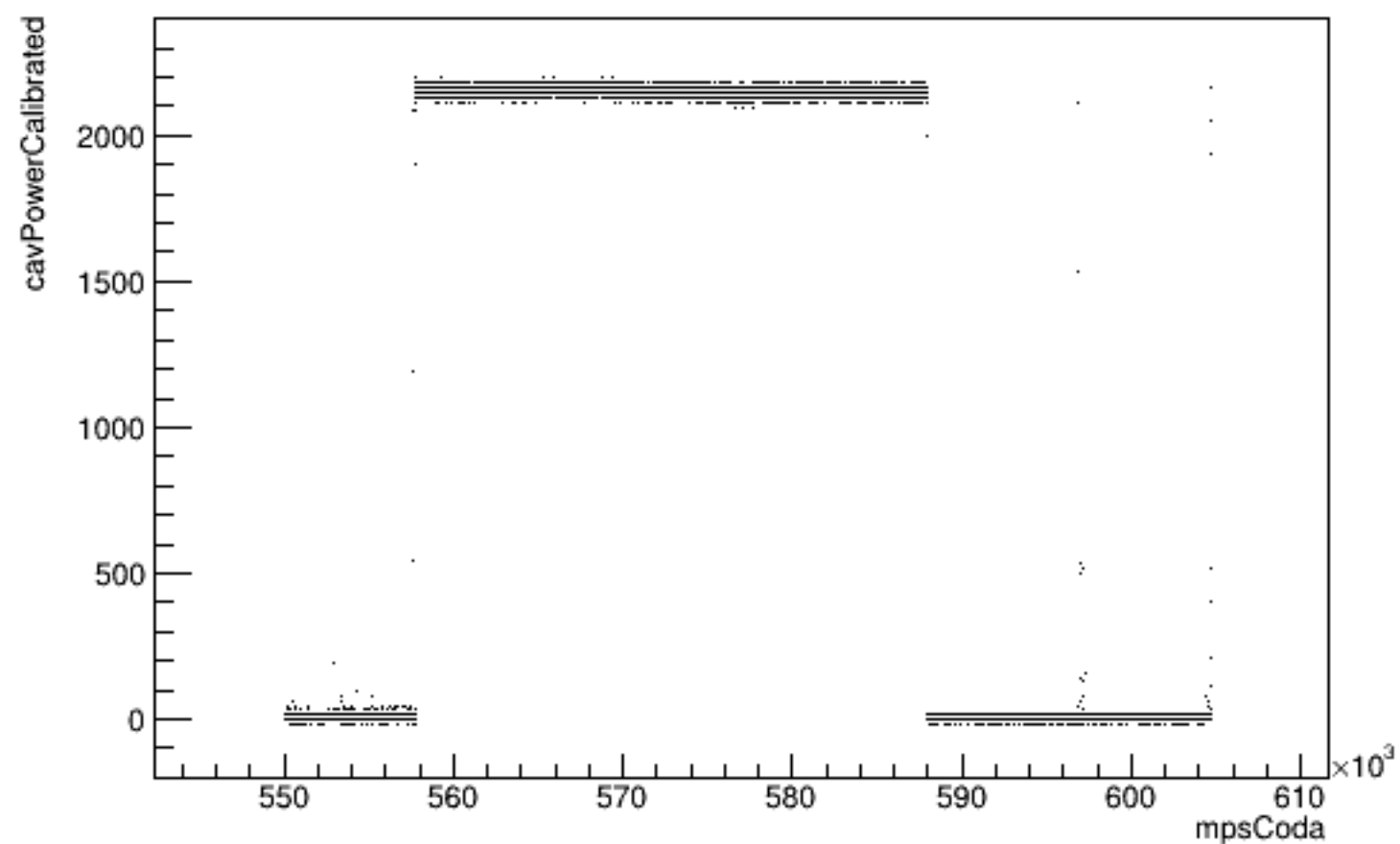
laserState:mpsCoda {mpsCoda>=550066 && mpsCoda<=604721}



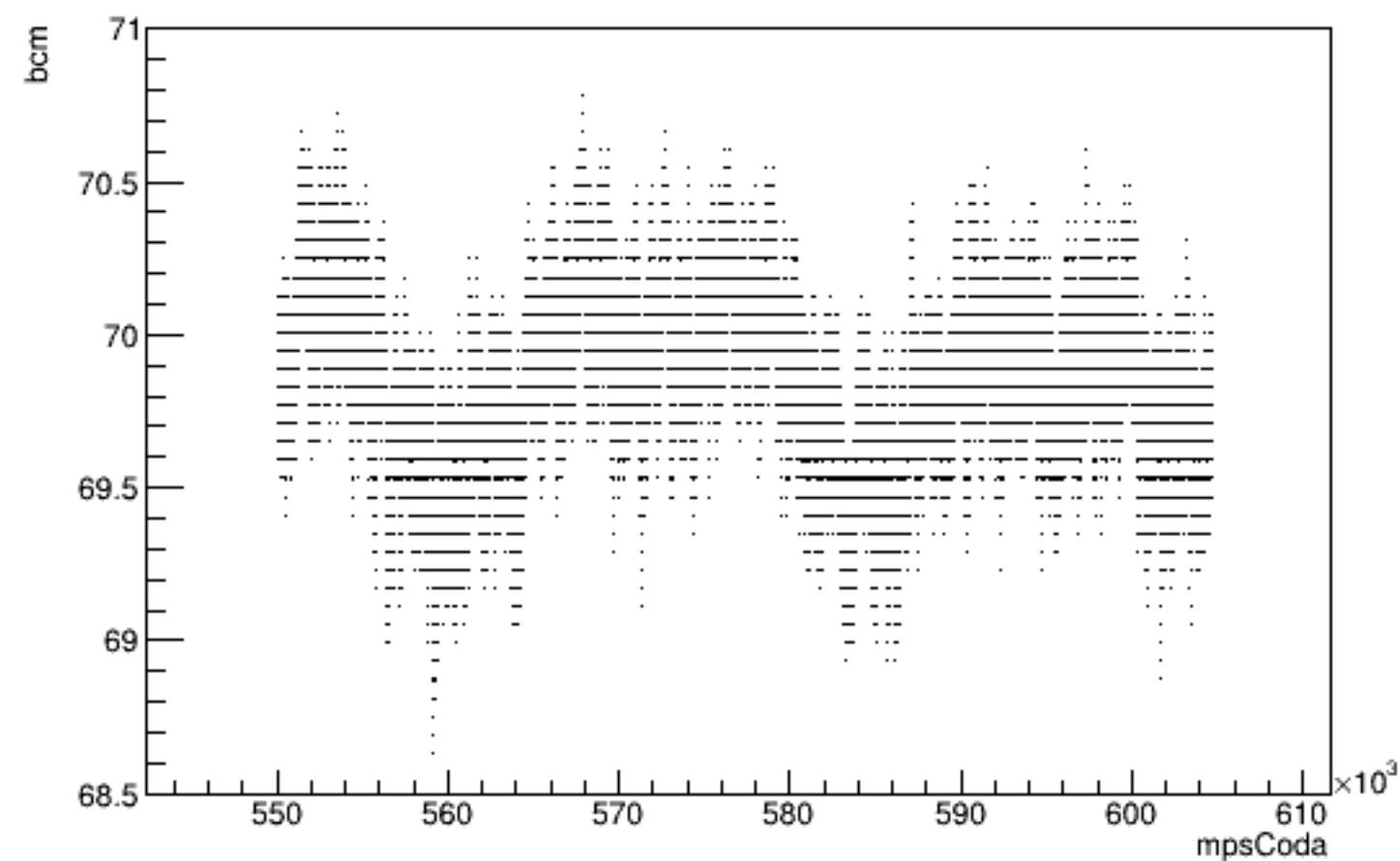
beamState + 1:mpsCoda {mpsCoda>=550066 && mpsCoda<=604721}



cavPowerCalibrated:mpsCoda {mpsCoda>=550066 && mpsCoda<=604721}



bcm:mpsCoda {mpsCoda>=550066 && mpsCoda<=604721}



Cycle 11, Diffs

Entries: 2078

Mean: 0.0638 +/- 0.0085

Std Dev: 0.3882 +/- 0.0060

Entries: 3745

Mean: 0.1307 +/- 0.0071

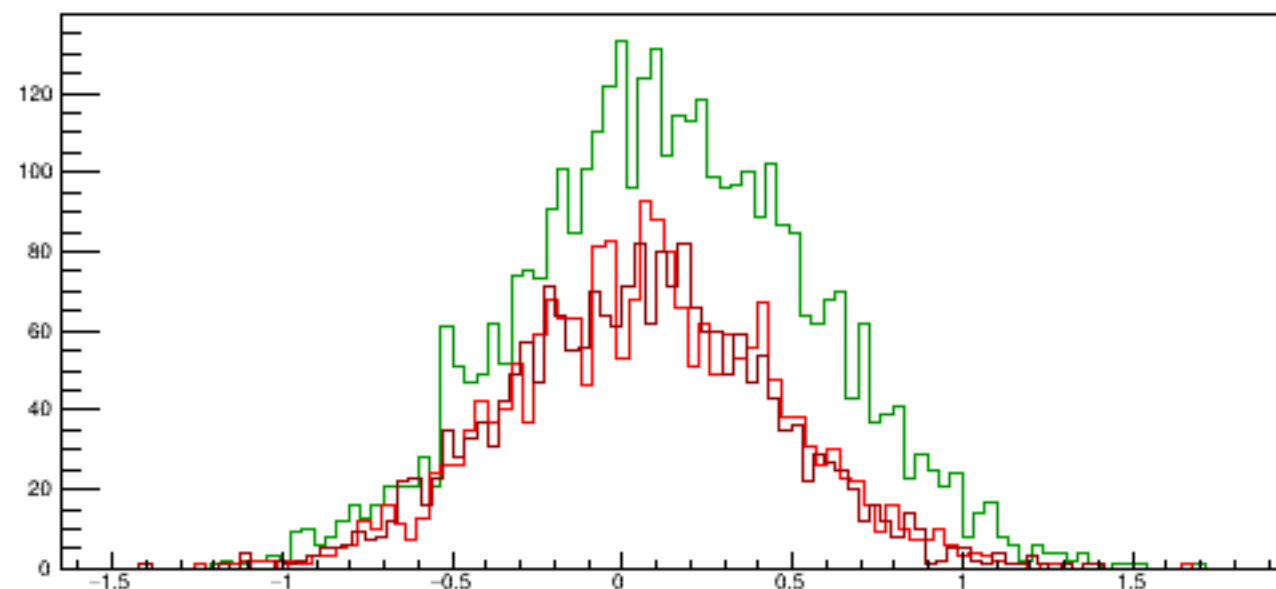
Std Dev: 0.4324 +/- 0.0050

Entries: 2131

Mean: 0.0460 +/- 0.0085

Std Dev: 0.3907 +/- 0.0060

Run 4436 quartetwise, Diffs



Cycle 11, Sums

Entries: 2078

Mean: 18.7520 +/- 0.0106

Std Dev: 0.4822 +/- 0.0075

Entries: 3745

Mean: 23.9554 +/- 0.0081

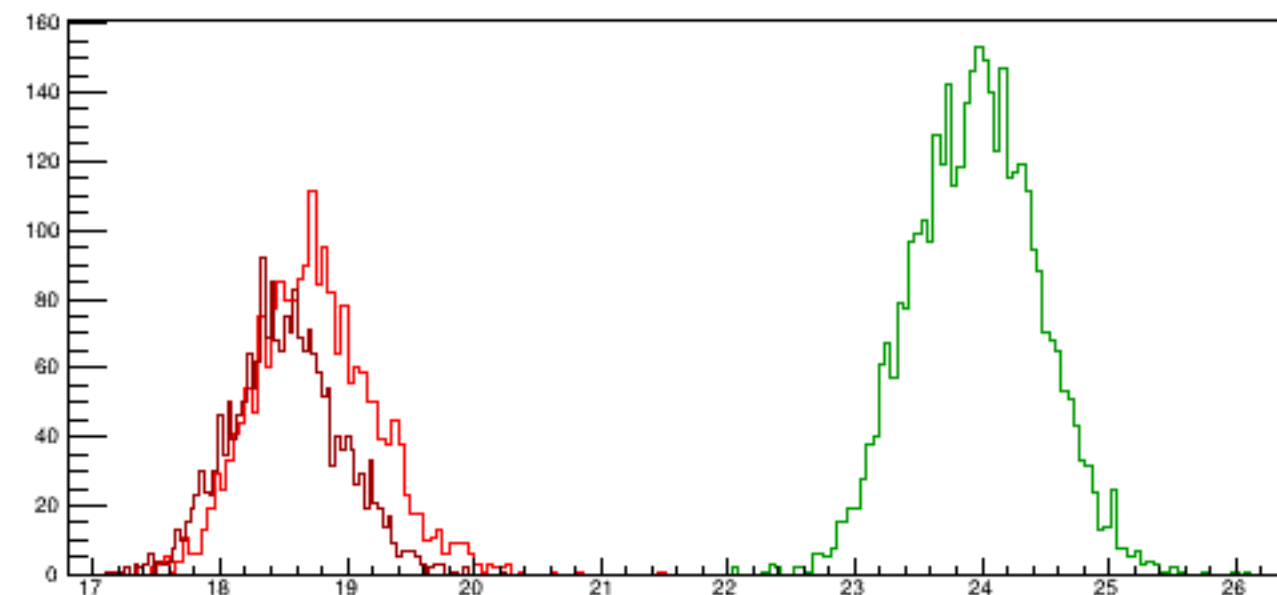
Std Dev: 0.4983 +/- 0.0058

Entries: 2131

Mean: 18.5142 +/- 0.0094

Std Dev: 0.4324 +/- 0.0066

Run 4436 quartetwise, Sums



Cycle 11, Asyms

Entries: 2078

Mean: 0.0120 +/- 0.0016

Std Dev: 0.0729 +/- 0.0011

Entries: 3745

Mean: 0.0249 +/- 0.0013

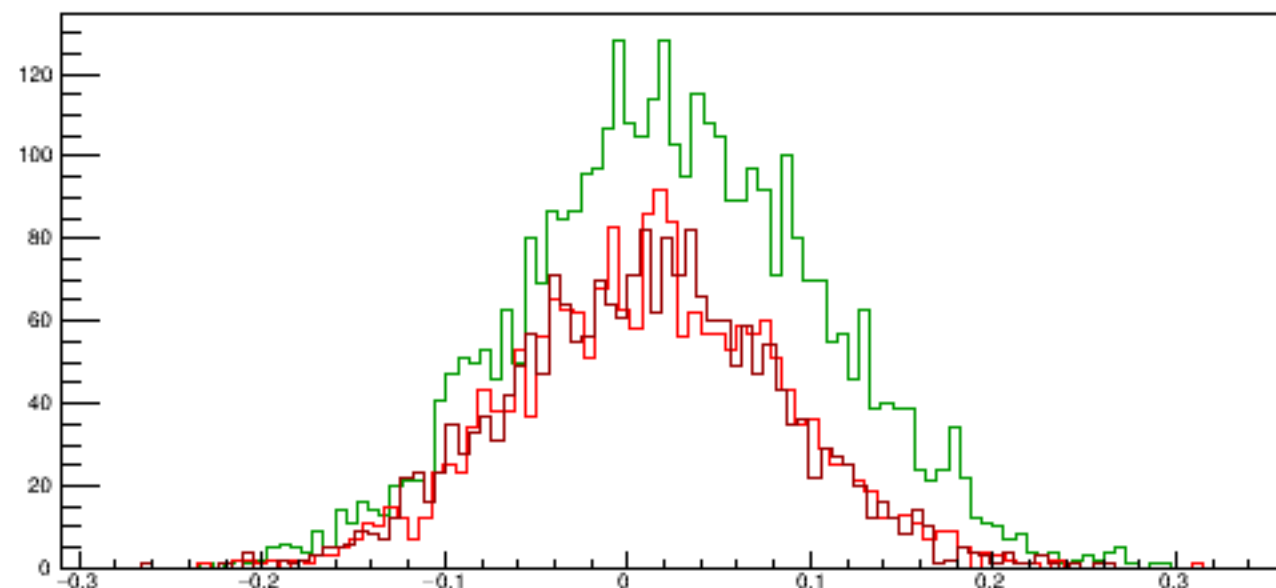
Std Dev: 0.0818 +/- 0.0009

Entries: 2131

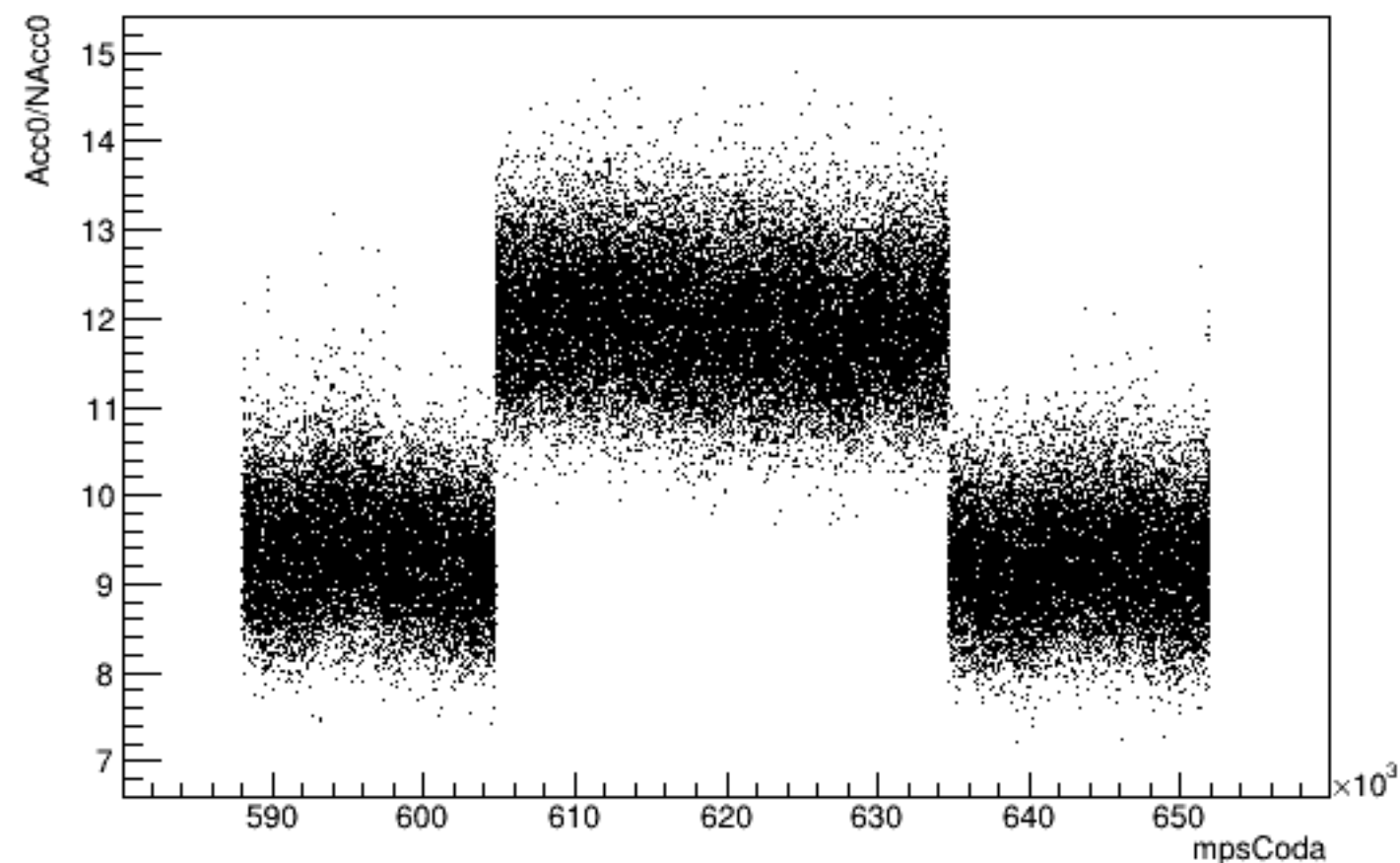
Mean: 0.0086 +/- 0.0016

Std Dev: 0.0734 +/- 0.0011

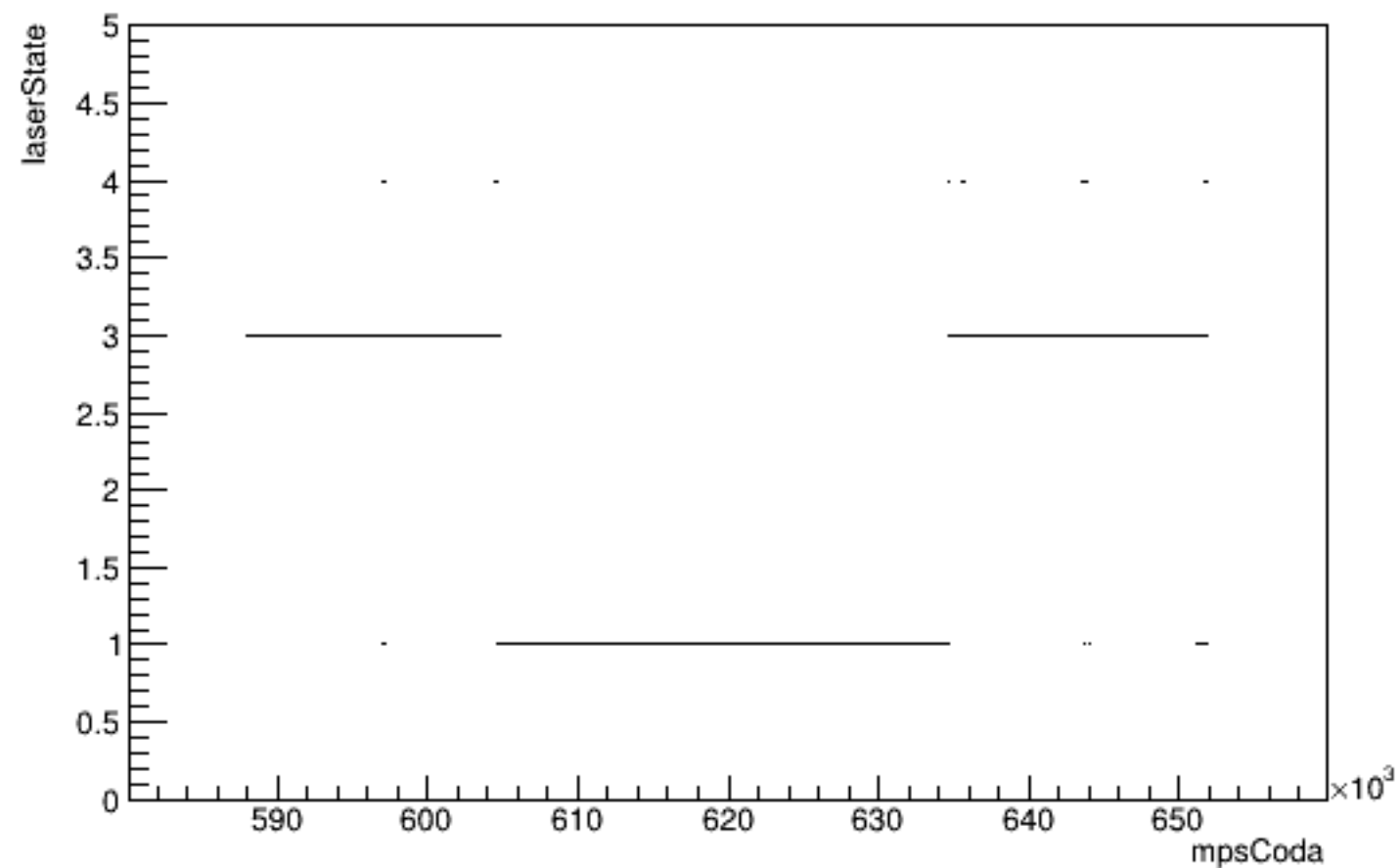
Run 4436 quartetwise, Asyms



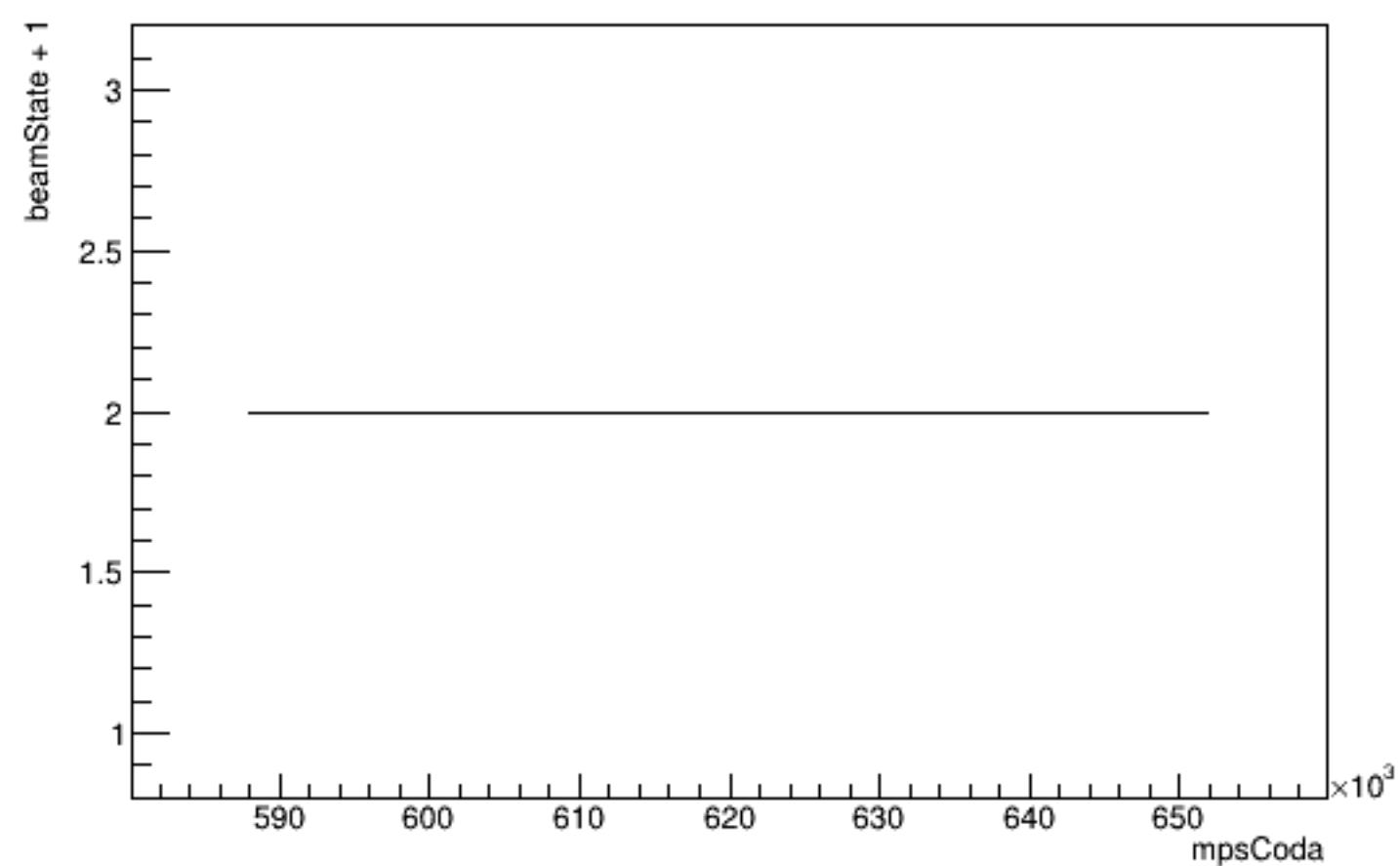
Acc0/NAcc0:mpsCoda (mpsCoda>=588010 && mpsCoda<=651953 && beamState==1)



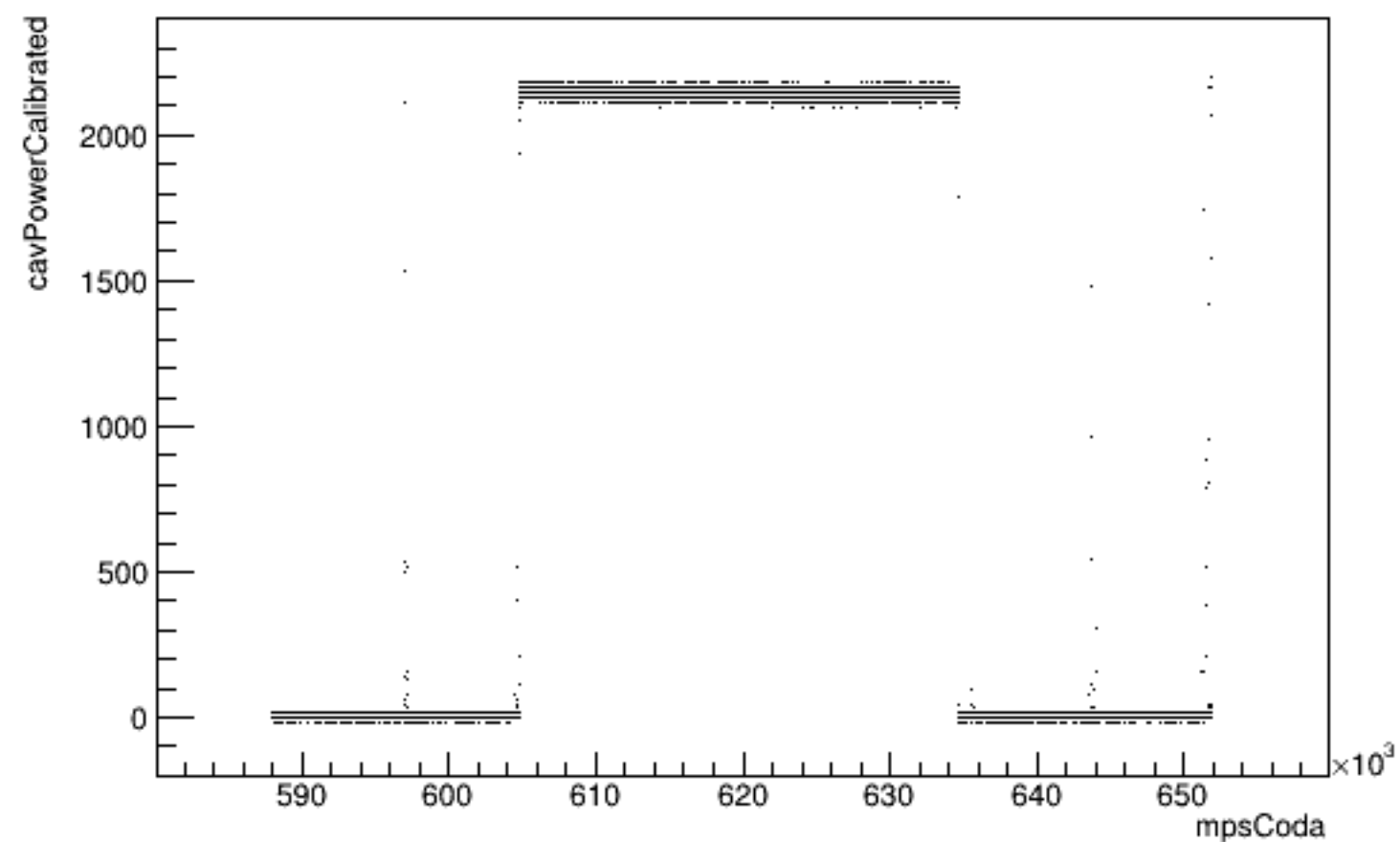
laserState:mpsCoda {mpsCoda>=588010 && mpsCoda<=651953}



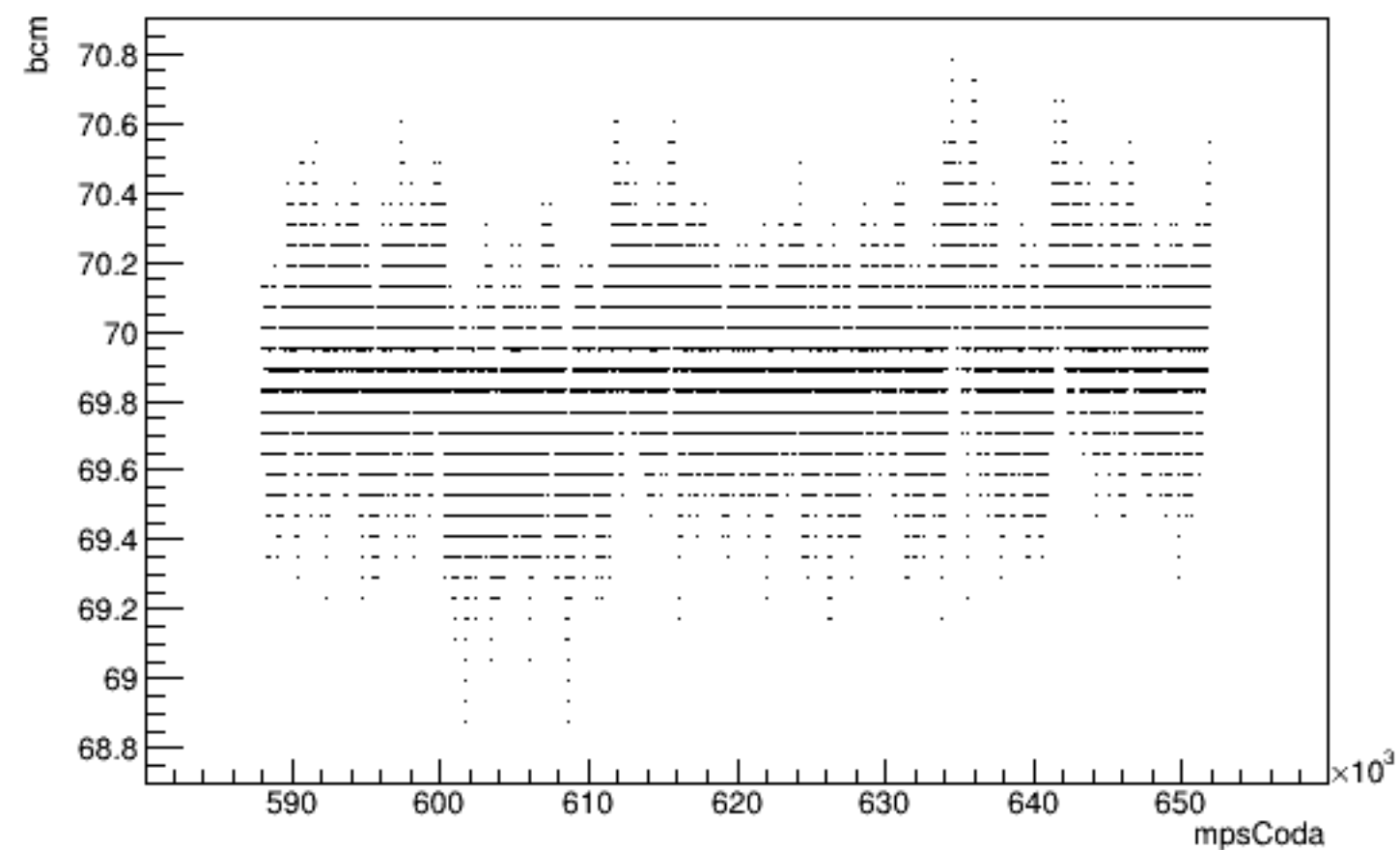
beamState + 1:mpsCoda {mpsCoda>=588010 && mpsCoda<=651953}



cavPowerCalibrated:mpsCoda {mpsCoda>=588010 && mpsCoda<=651953}



bcm:mpsCoda {mpsCoda>=588010 && mpsCoda<=651953}



Cycle 12, Diffs

Entries: 2131

Mean: 0.0460 +/- 0.0085

Std Dev: 0.3907 +/- 0.0060

Entries: 3676

Mean: 0.0928 +/- 0.0067

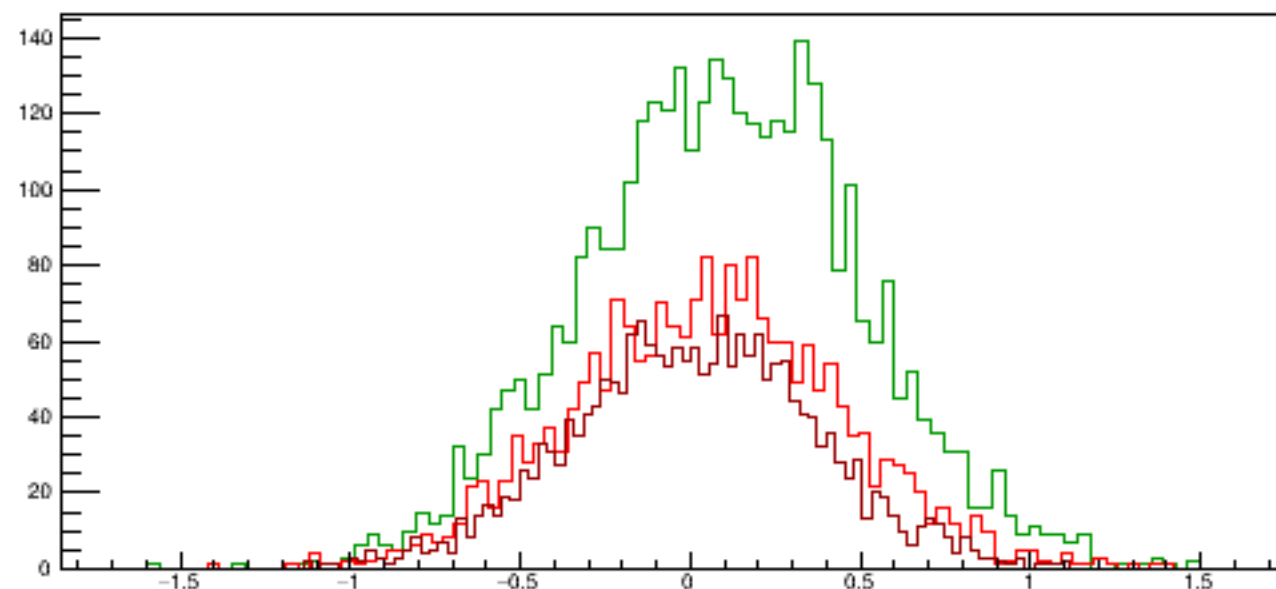
Std Dev: 0.4062 +/- 0.0047

Entries: 2065

Mean: 0.0087 +/- 0.0079

Std Dev: 0.3587 +/- 0.0056

Run 4436 quartetwise, Diffs



Cycle 12, Sums

Entries: 2131

Mean: 18.5142 +/- 0.0094

Std Dev: 0.4324 +/- 0.0066

Entries: 3676

Mean: 23.5875 +/- 0.0083

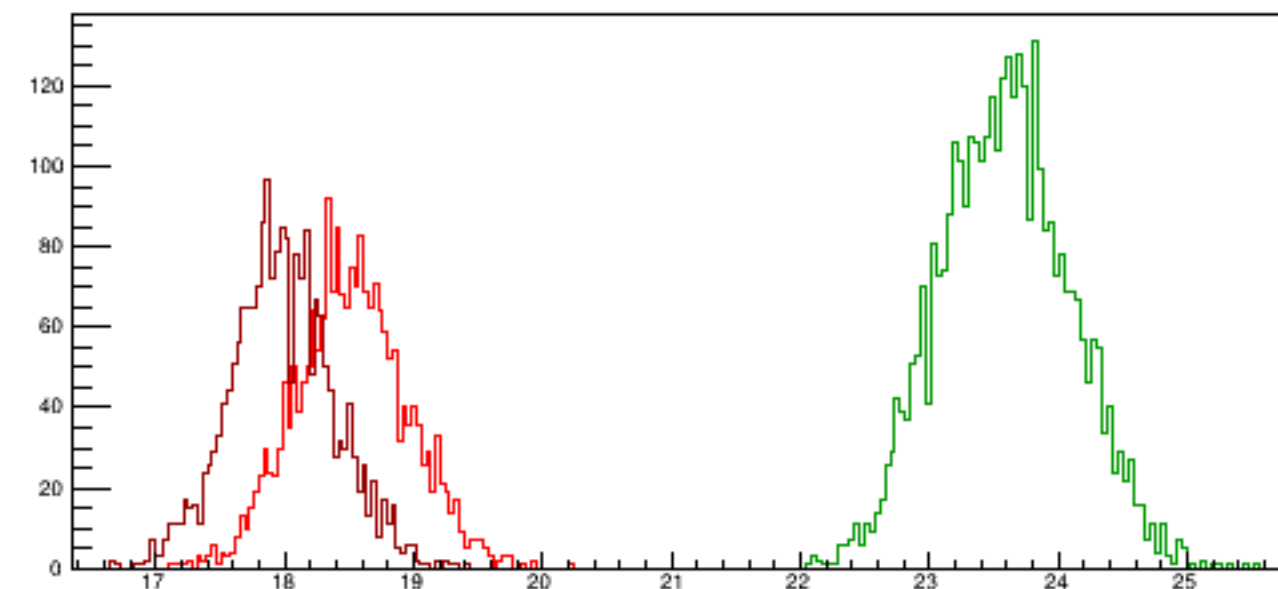
Std Dev: 0.5054 +/- 0.0059

Entries: 2065

Mean: 17.9828 +/- 0.0089

Std Dev: 0.4045 +/- 0.0063

Run 4436 quartetwise, Sums



Cycle 12, Asyms

Entries: 2131

Mean: 0.0086 +/- 0.0016

Std Dev: 0.0732 +/- 0.0011

Entries: 3676

Mean: 0.0176 +/- 0.0013

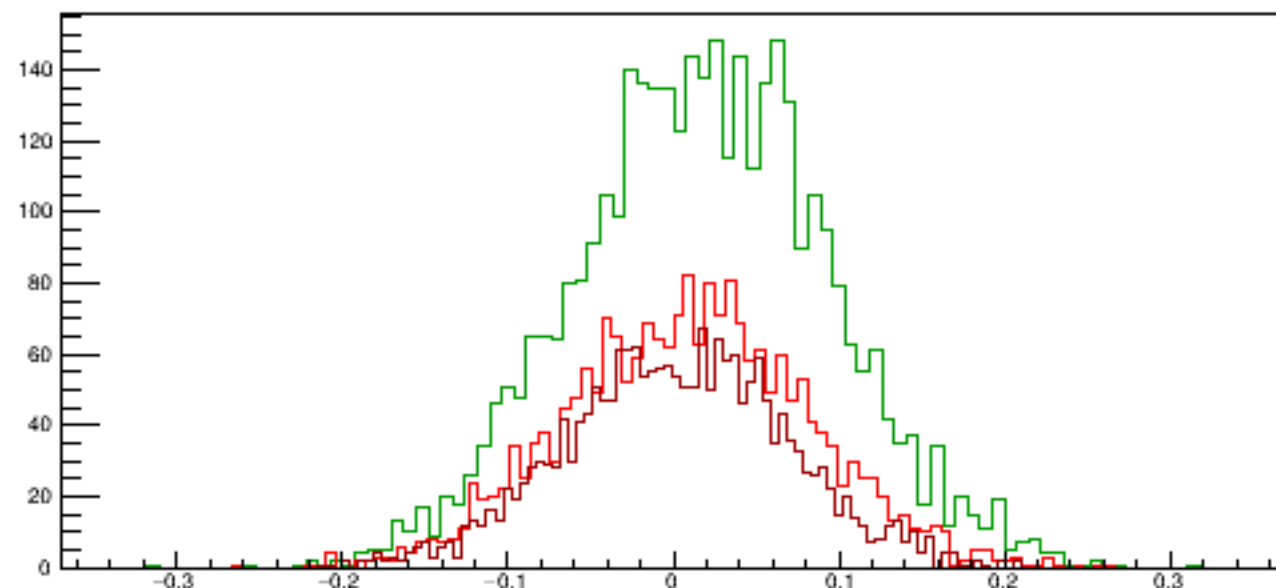
Std Dev: 0.0770 +/- 0.0009

Entries: 2065

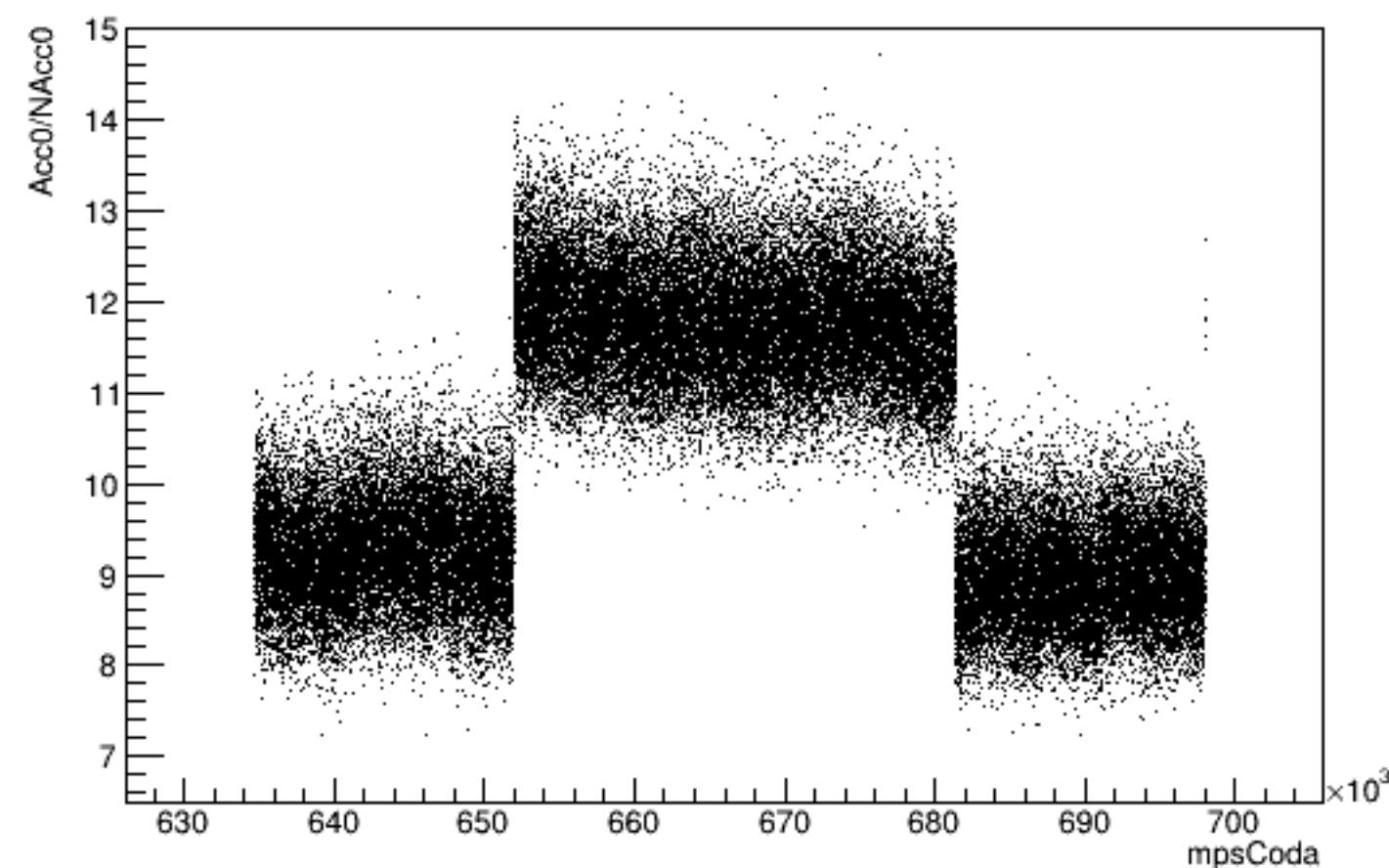
Mean: 0.0016 +/- 0.0015

Std Dev: 0.0672 +/- 0.0010

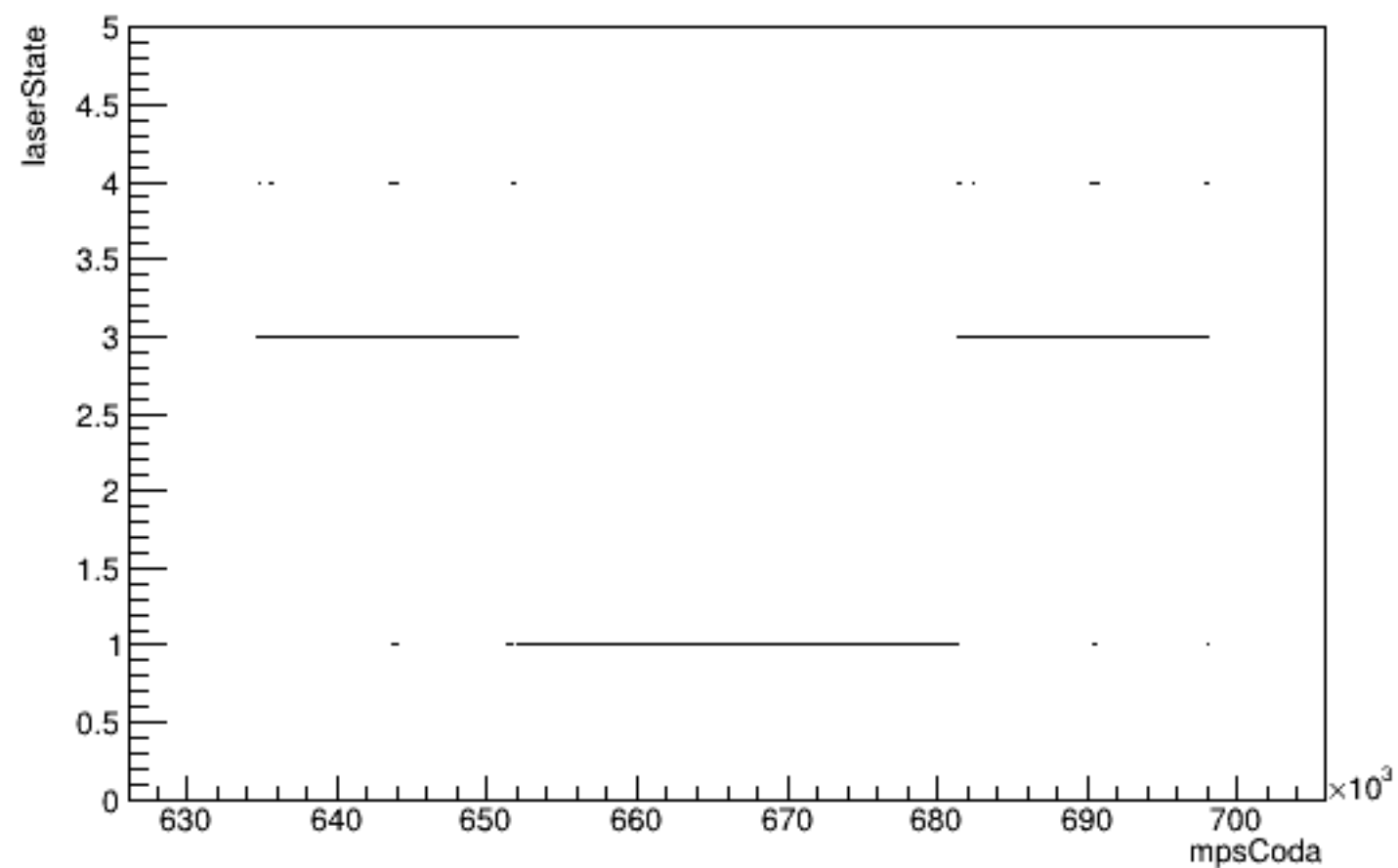
Run 4436 quartetwise, Asyms



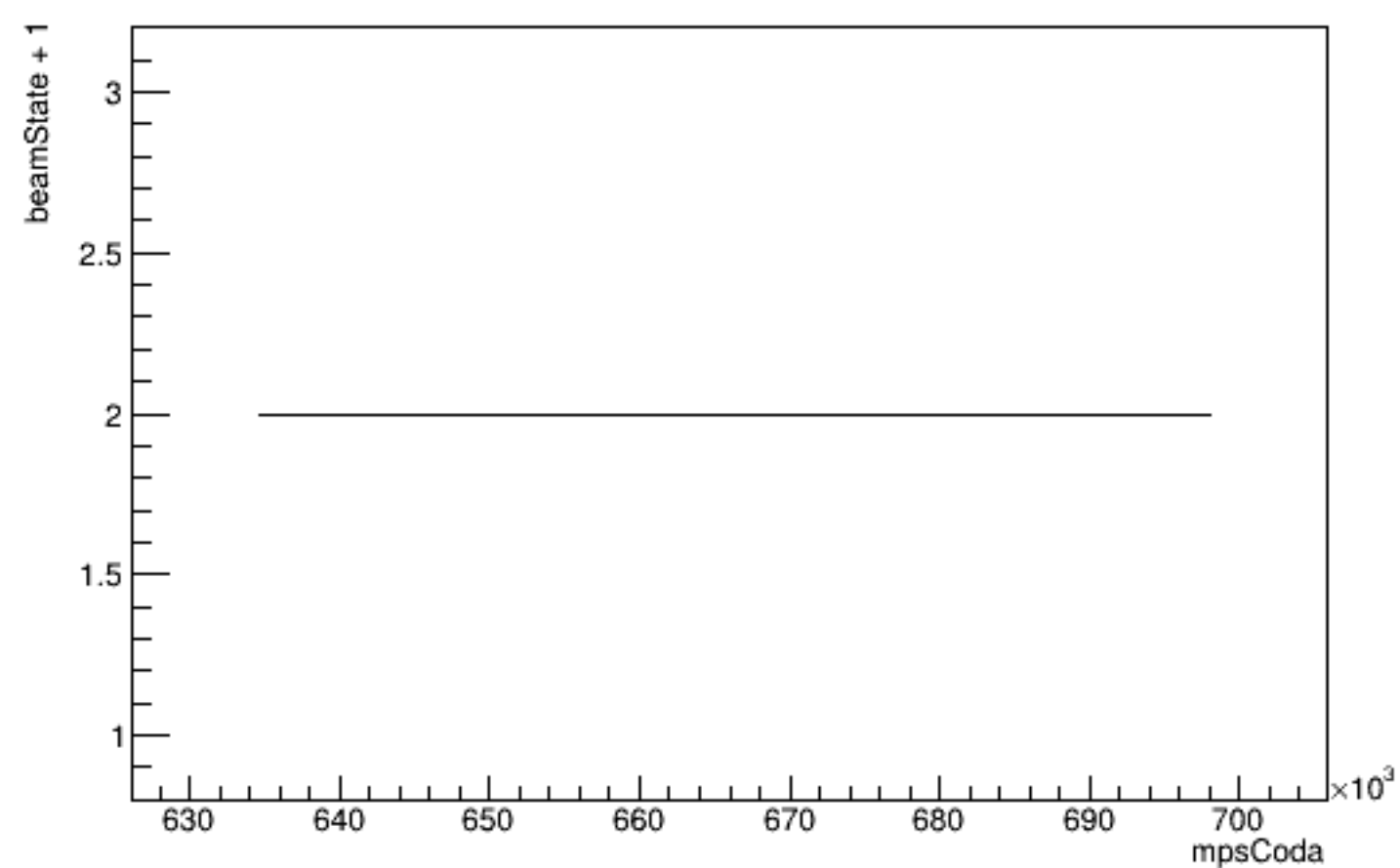
Acc0/NAcc0:mpsCoda (mpsCoda>=634690 && mpsCoda<=698009 && beamState==1)



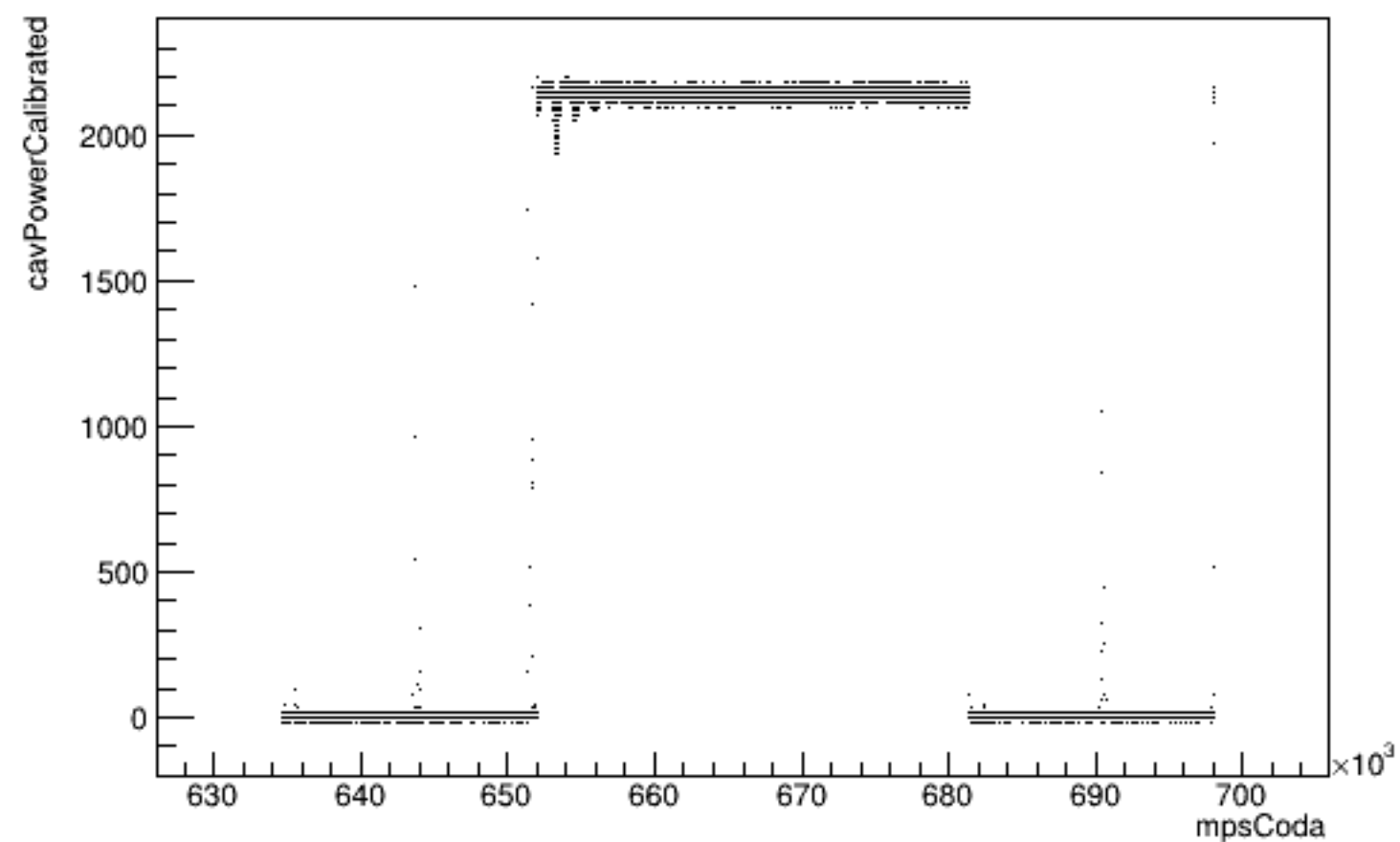
laserState:mpsCoda {mpsCoda>=634690 && mpsCoda<=698009}



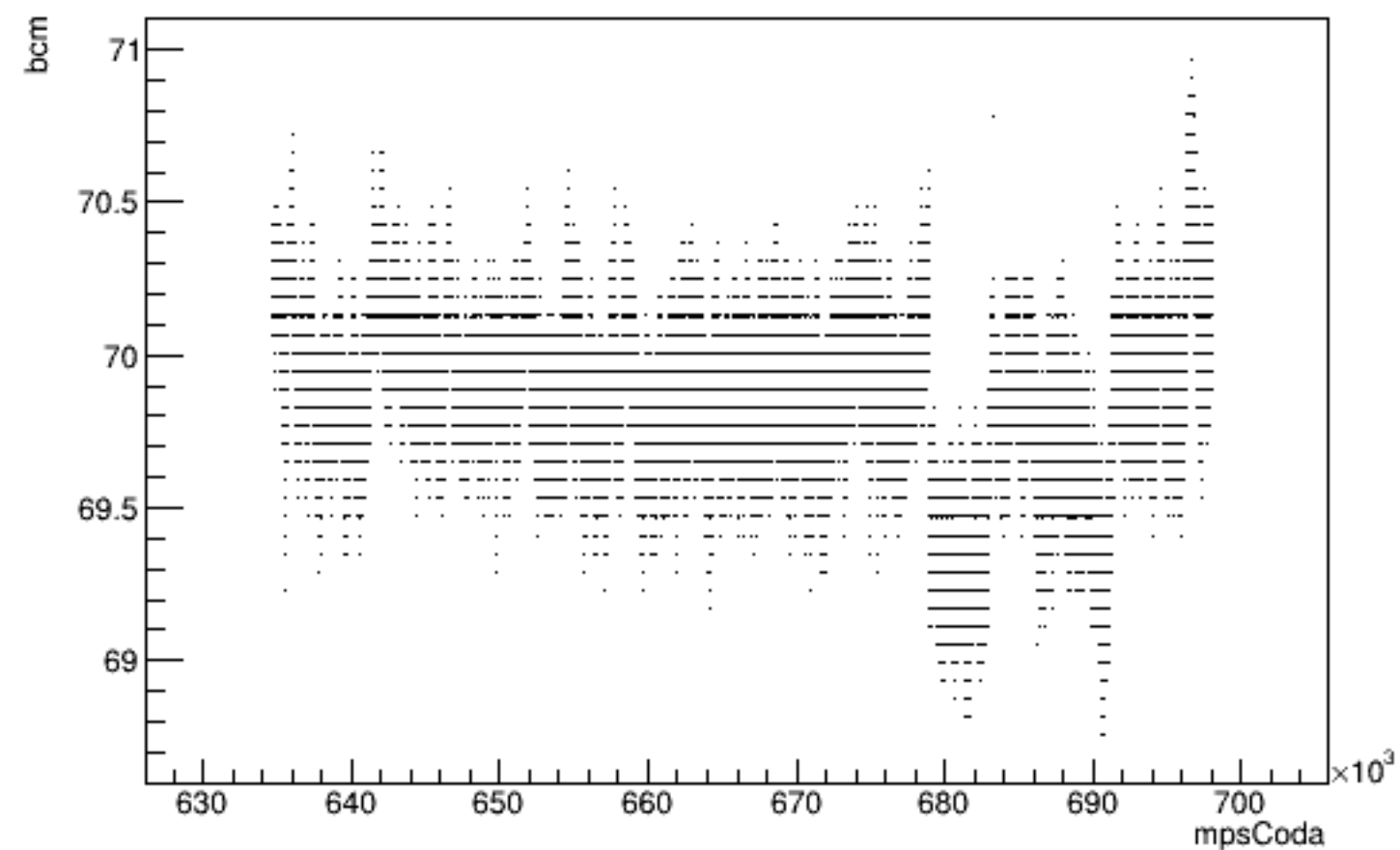
beamState + 1:mpsCoda {mpsCoda>=634690 && mpsCoda<=698009}



cavPowerCalibrated:mpsCoda {mpsCoda>=634690 && mpsCoda<=698009}



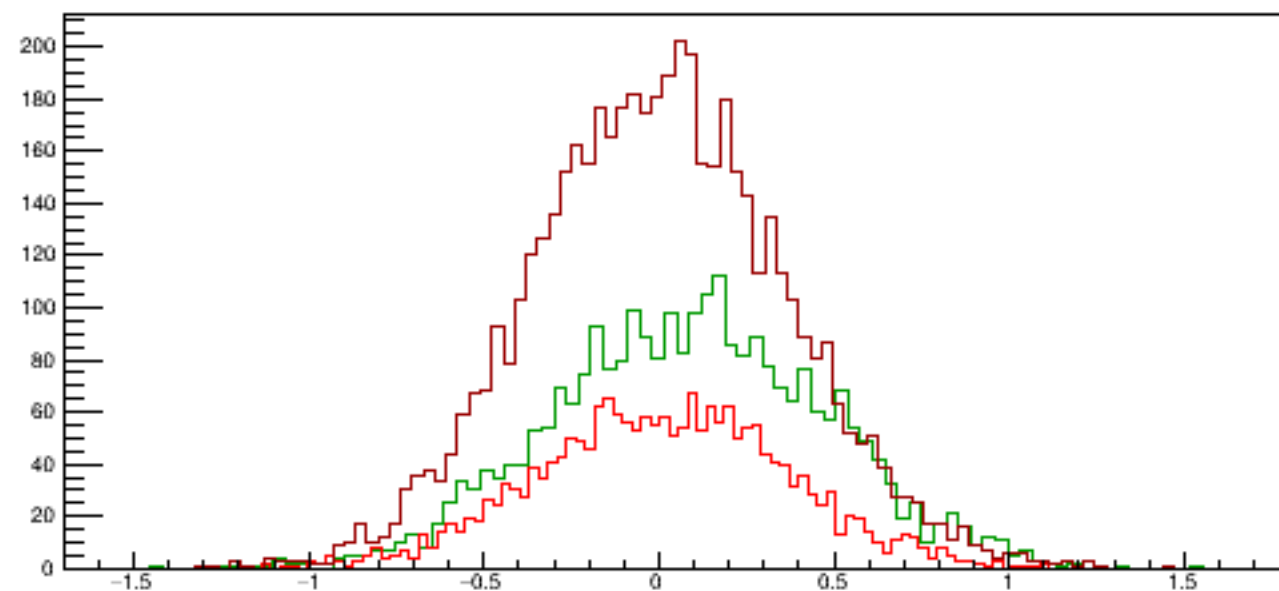
bcm:mpsCoda {mpsCoda>=634690 && mpsCoda<=698009}



Cycle 13, Diffs

Entries: 2065	Entries: 2728	Entries: 5193
Mean: 0.0087 +/- 0.0079	Mean: 0.0868 +/- 0.0075	Mean: 0.0003 +/- 0.0051
Std Dev: 0.3587 +/- 0.0056	Std Dev: 0.3924 +/- 0.0053	Std Dev: 0.3650 +/- 0.0036

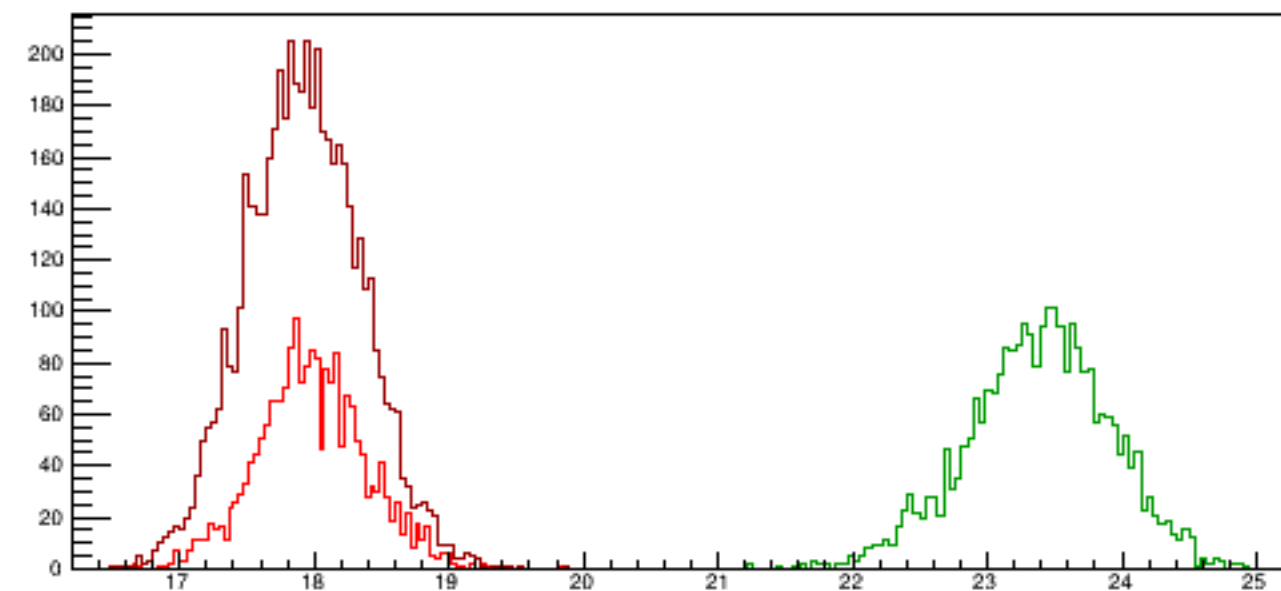
Run 4436 quartetwise, Diffs



Cycle 13, Sums

Entries: 2065	Entries: 2728	Entries: 5193
Mean: 17.9828 +/- 0.0089	Mean: 23.3768 +/- 0.0102	Mean: 17.9266 +/- 0.0059
Std Dev: 0.4045 +/- 0.0063	Std Dev: 0.5313 +/- 0.0072	Std Dev: 0.4280 +/- 0.0042

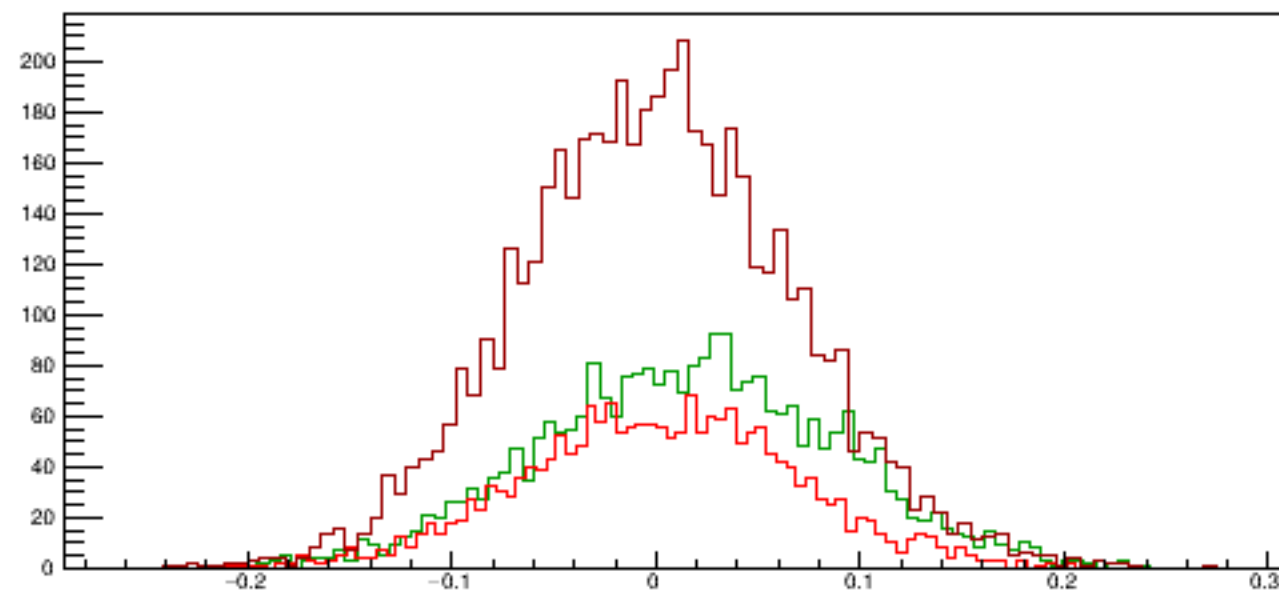
Run 4436 quartetwise, Sums



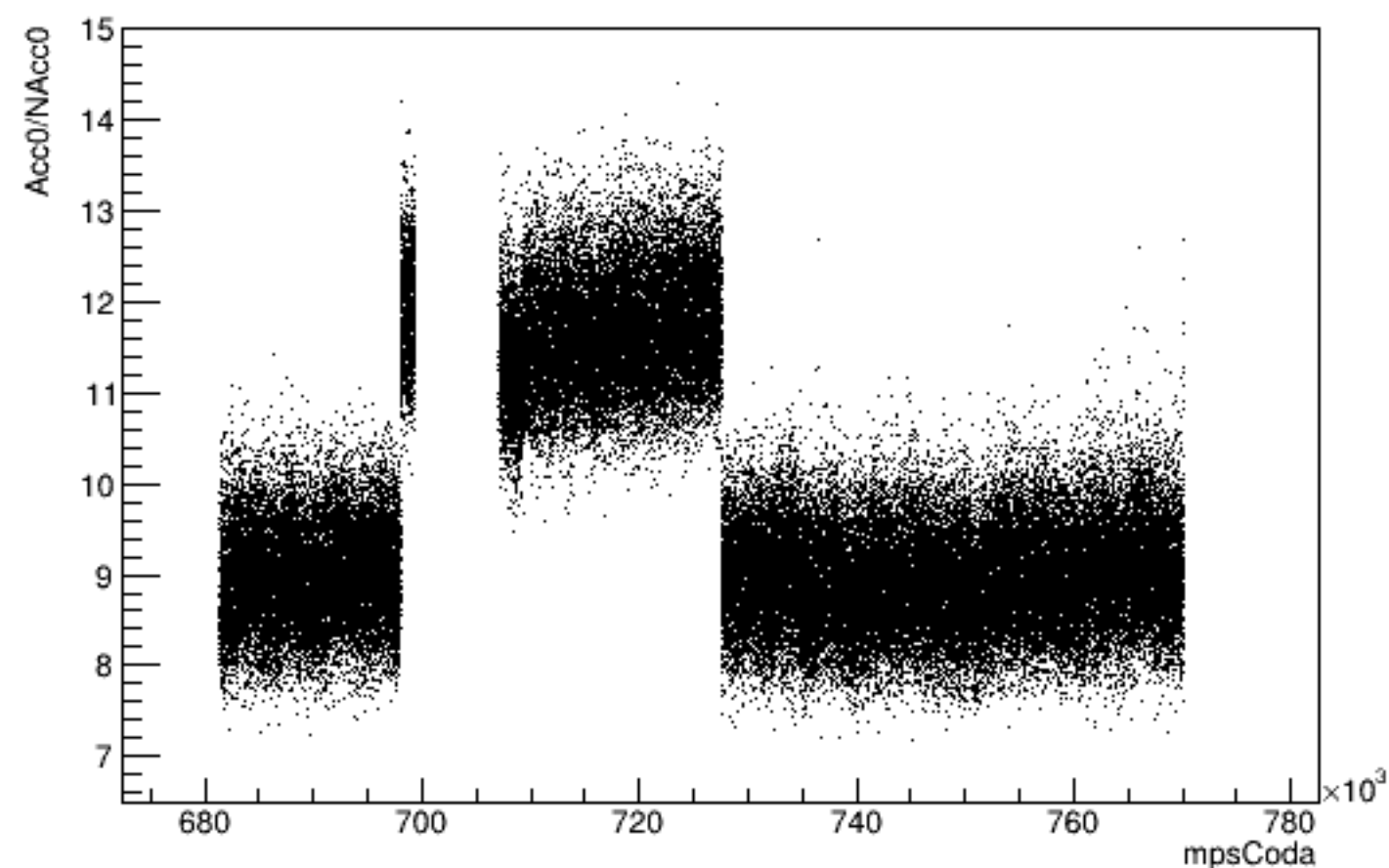
Cycle 13, Asyms

Entries: 2065	Entries: 2728	Entries: 5193
Mean: 0.0016 +/- 0.0015	Mean: 0.0158 +/- 0.0014	Mean: 0.0000 +/- 0.0009
Std Dev: 0.0662 +/- 0.0010	Std Dev: 0.0725 +/- 0.0010	Std Dev: 0.0673 +/- 0.0007

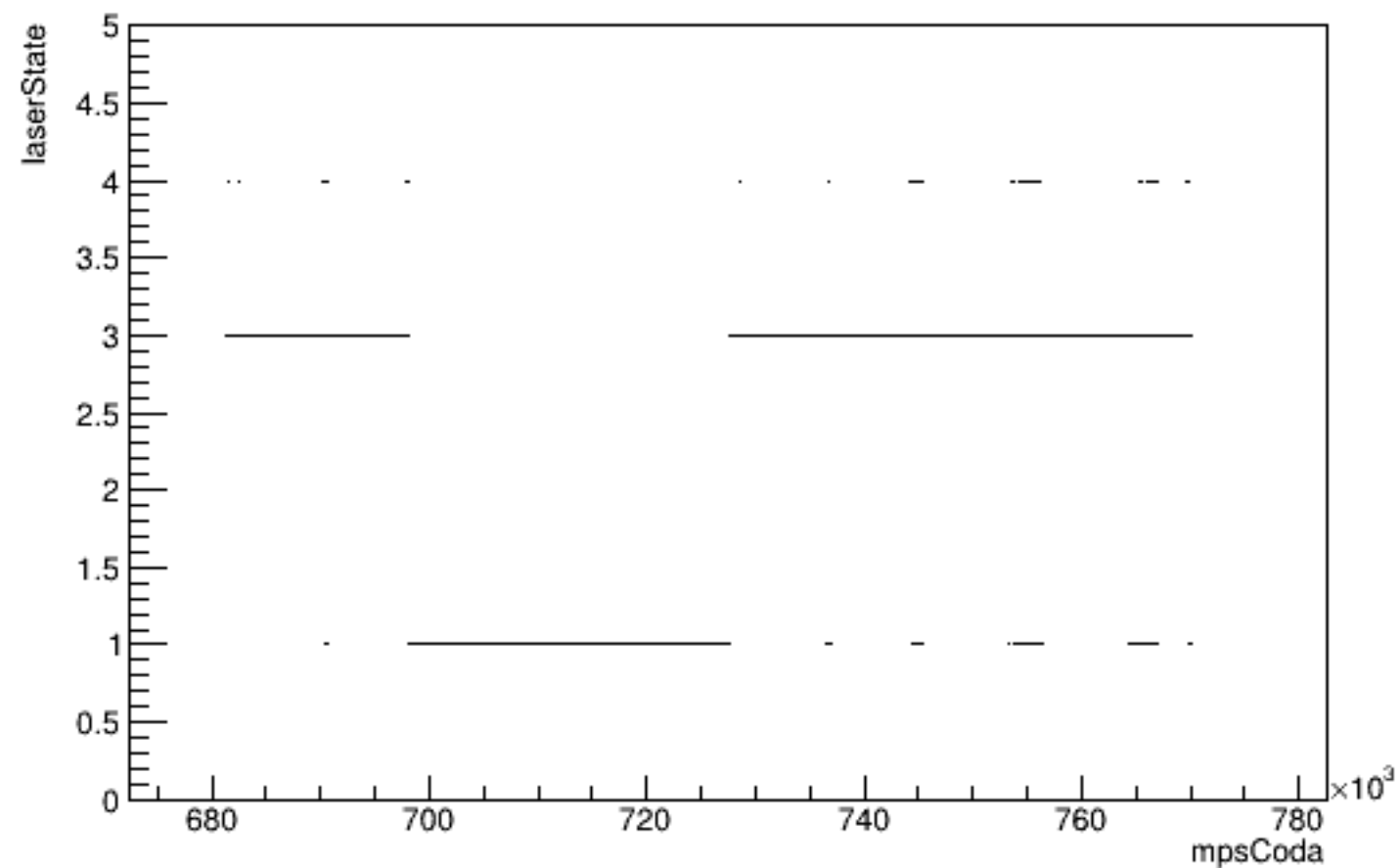
Run 4436 quartetwise, Asyms



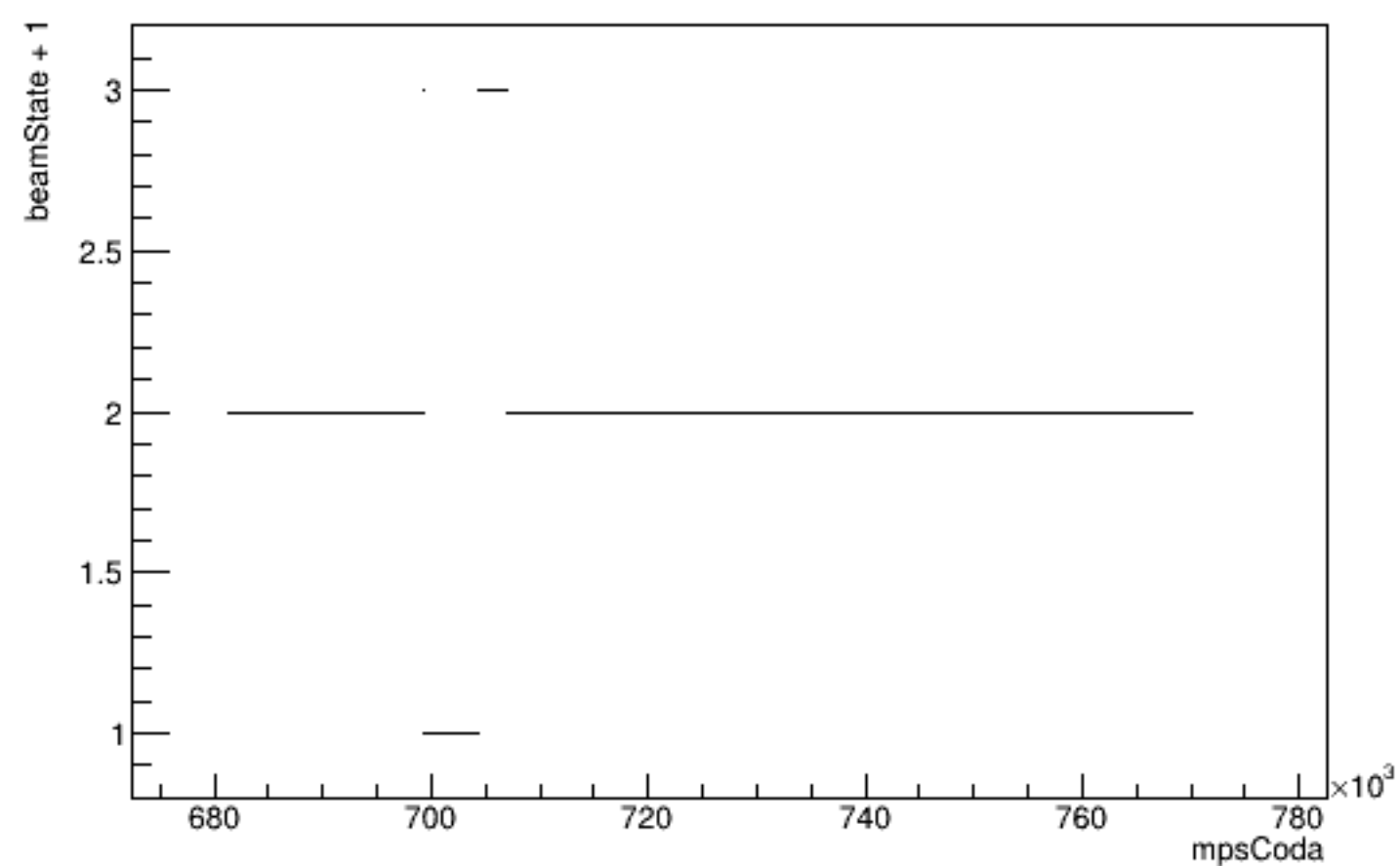
Acc0/NAcc0:mpsCoda (mpsCoda>=681370 && mpsCoda<=770081 && beamState==1)



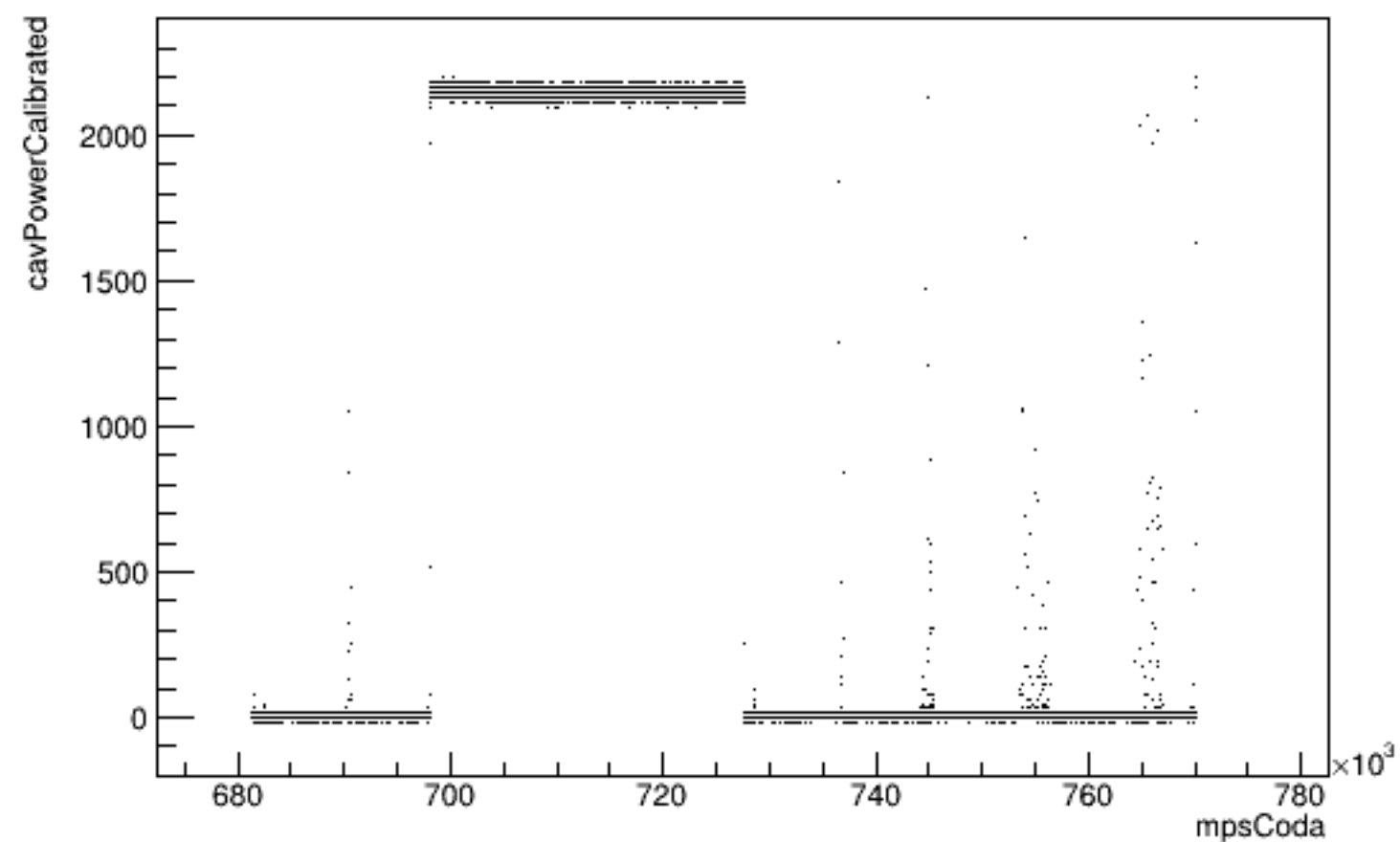
laserState:mpsCoda {mpsCoda>=681370 && mpsCoda<=770081}



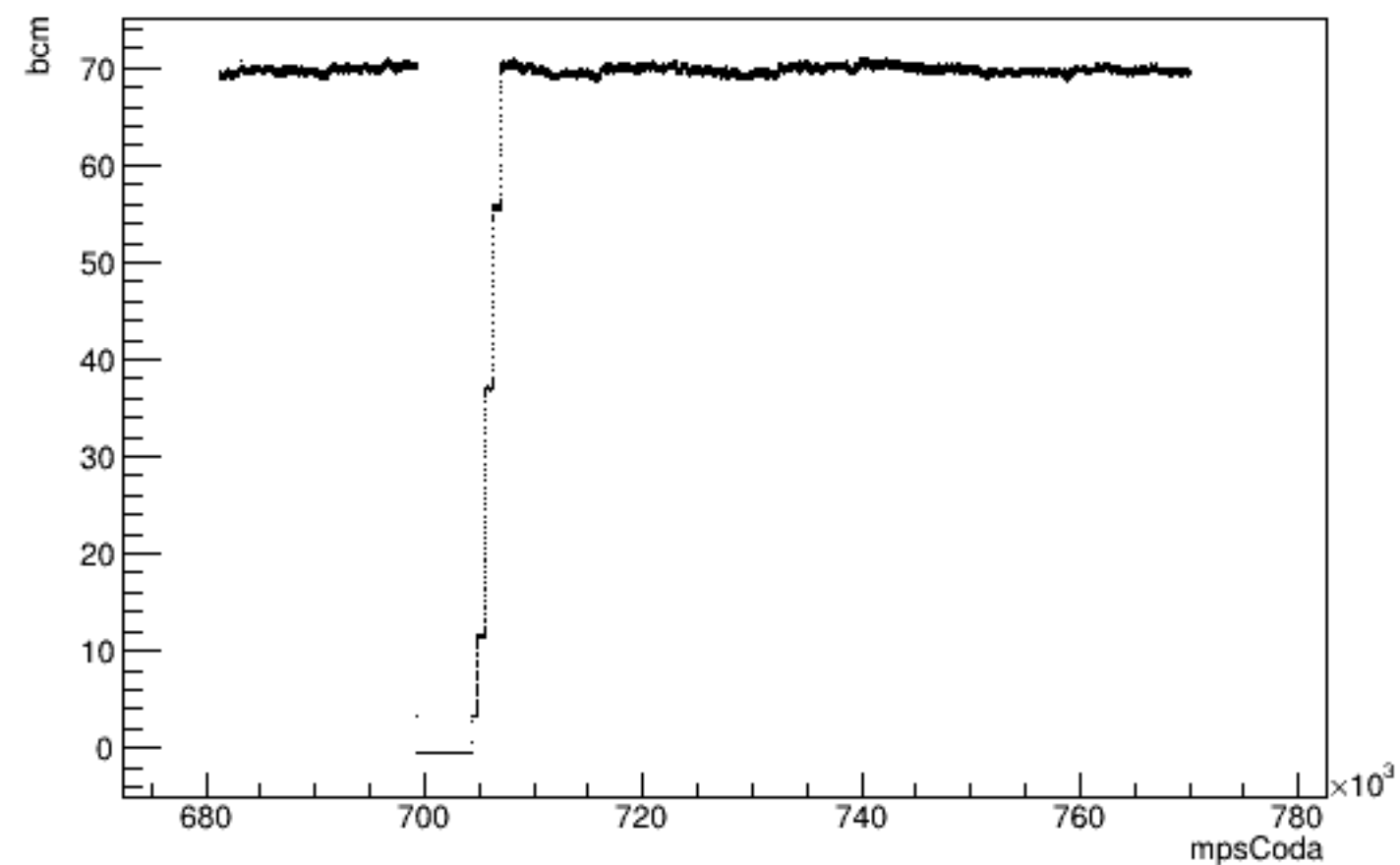
beamState + 1:mpsCoda {mpsCoda>=681370 && mpsCoda<=770081}



cavPowerCalibrated:mpsCoda {mpsCoda>=681370 && mpsCoda<=770081}



bcm:mpsCoda {mpsCoda>=681370 && mpsCoda<=770081}



Cycle 14, Diffs

Entries: 3269

Mean: -0.0037 +/- 0.0063

Std Dev: 0.3596 +/- 0.0044

Entries: 3738

Mean: 0.0938 +/- 0.0067

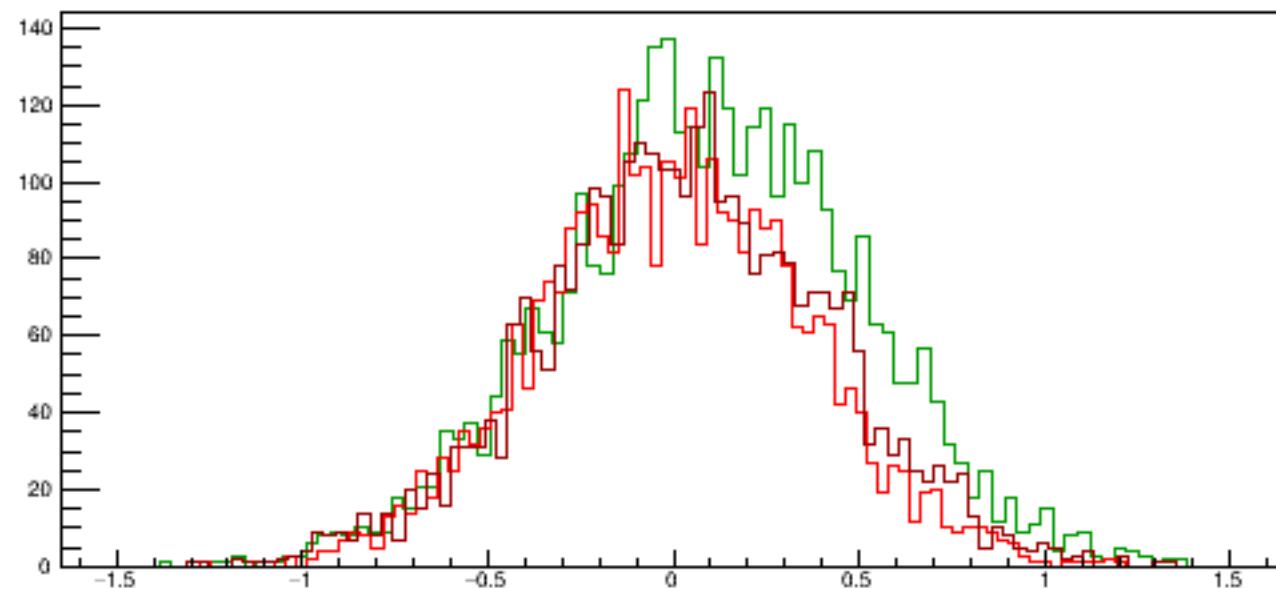
Std Dev: 0.4089 +/- 0.0047

Entries: 3260

Mean: 0.0286 +/- 0.0068

Std Dev: 0.3863 +/- 0.0048

Run 4436 quartetwise, Diffs



Cycle 14, Sums

Entries: 3269

Mean: 17.7934 +/- 0.0073

Std Dev: 0.4162 +/- 0.0051

Entries: 3738

Mean: 23.7680 +/- 0.0086

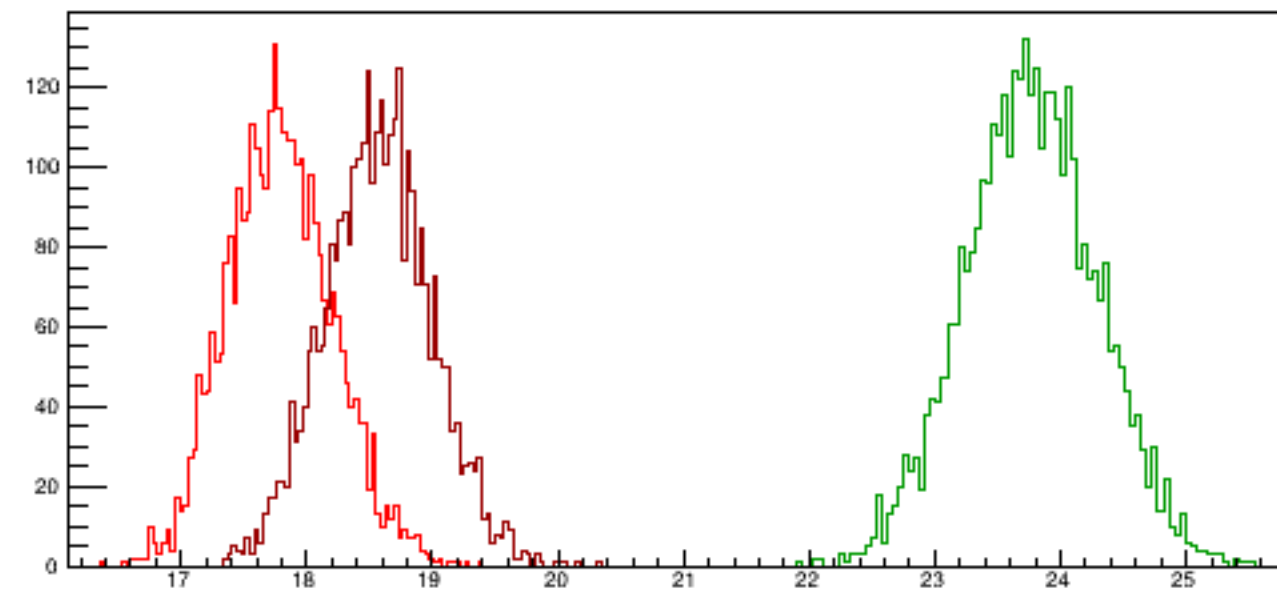
Std Dev: 0.5261 +/- 0.0061

Entries: 3260

Mean: 18.5730 +/- 0.0074

Std Dev: 0.4239 +/- 0.0053

Run 4436 quartetwise, Sums



Cycle 14, Asyms

Entries: 3269

Mean: -0.0007 +/- 0.0011

Std Dev: 0.0644 +/- 0.0008

Entries: 3738

Mean: 0.0169 +/- 0.0012

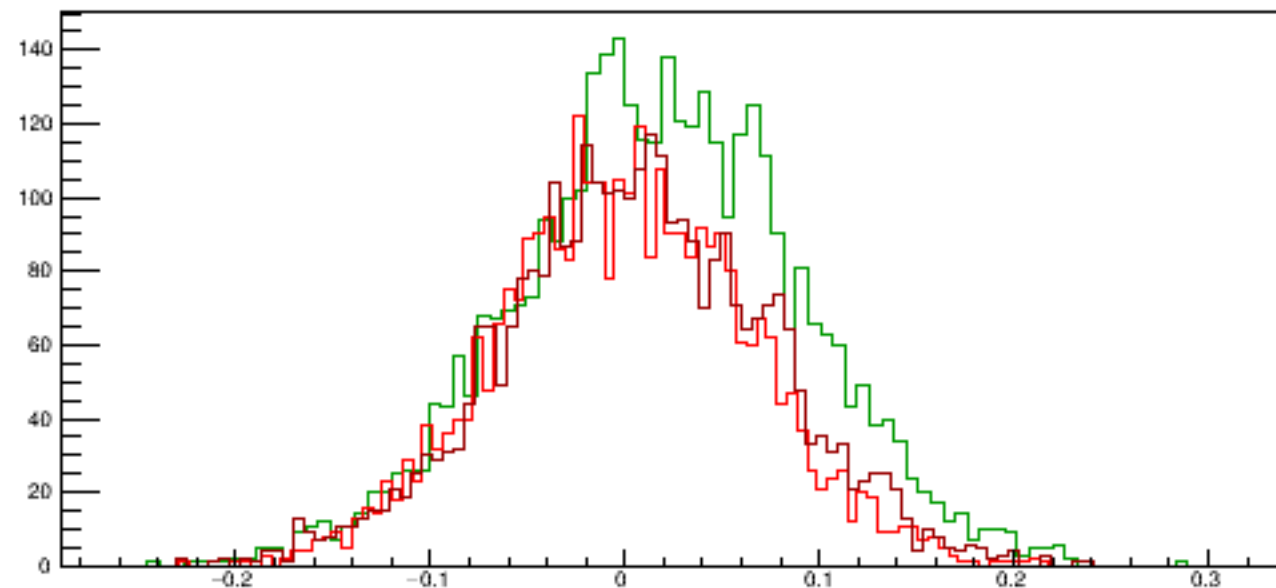
Std Dev: 0.0735 +/- 0.0009

Entries: 3260

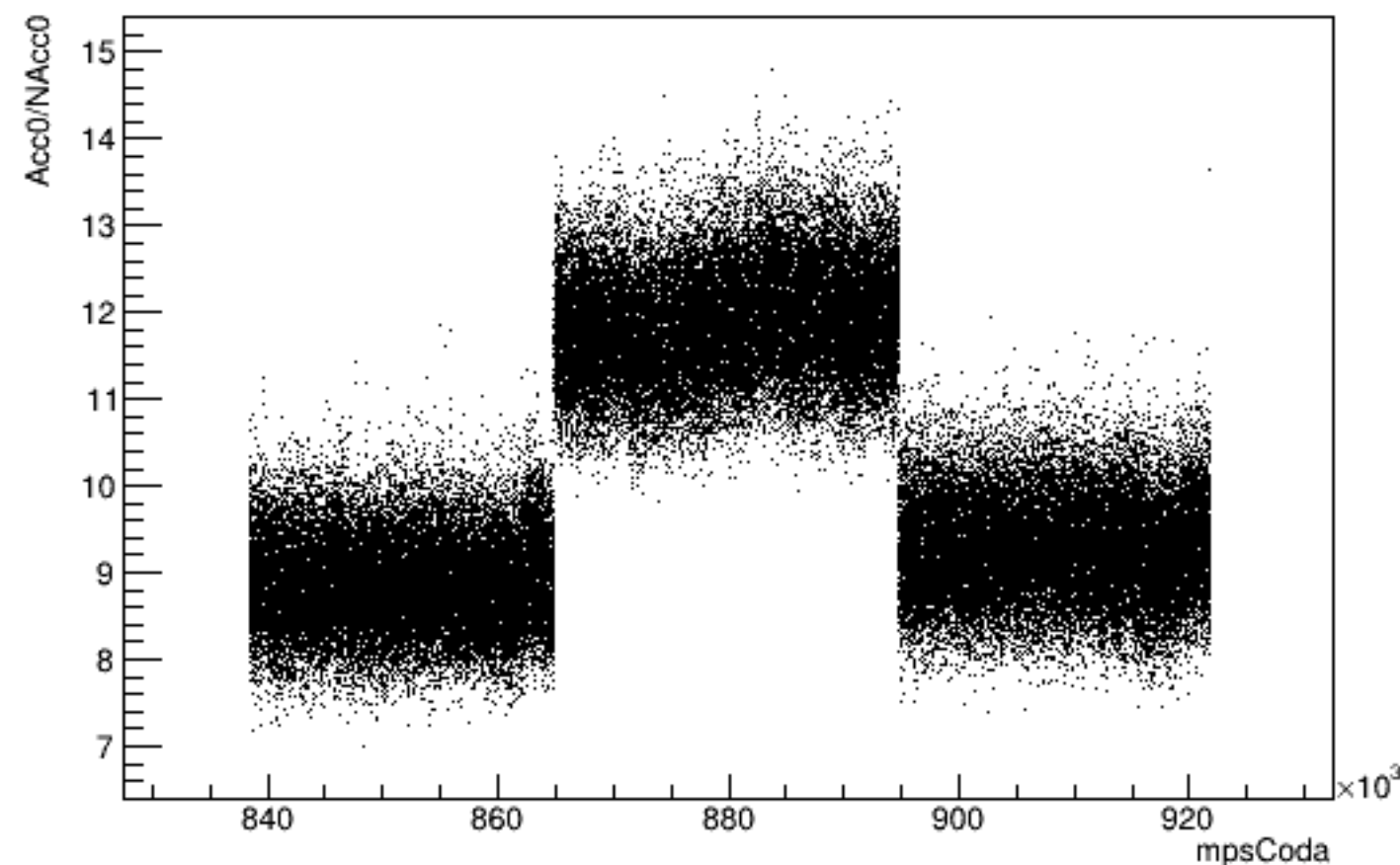
Mean: 0.0051 +/- 0.0012

Std Dev: 0.0692 +/- 0.0009

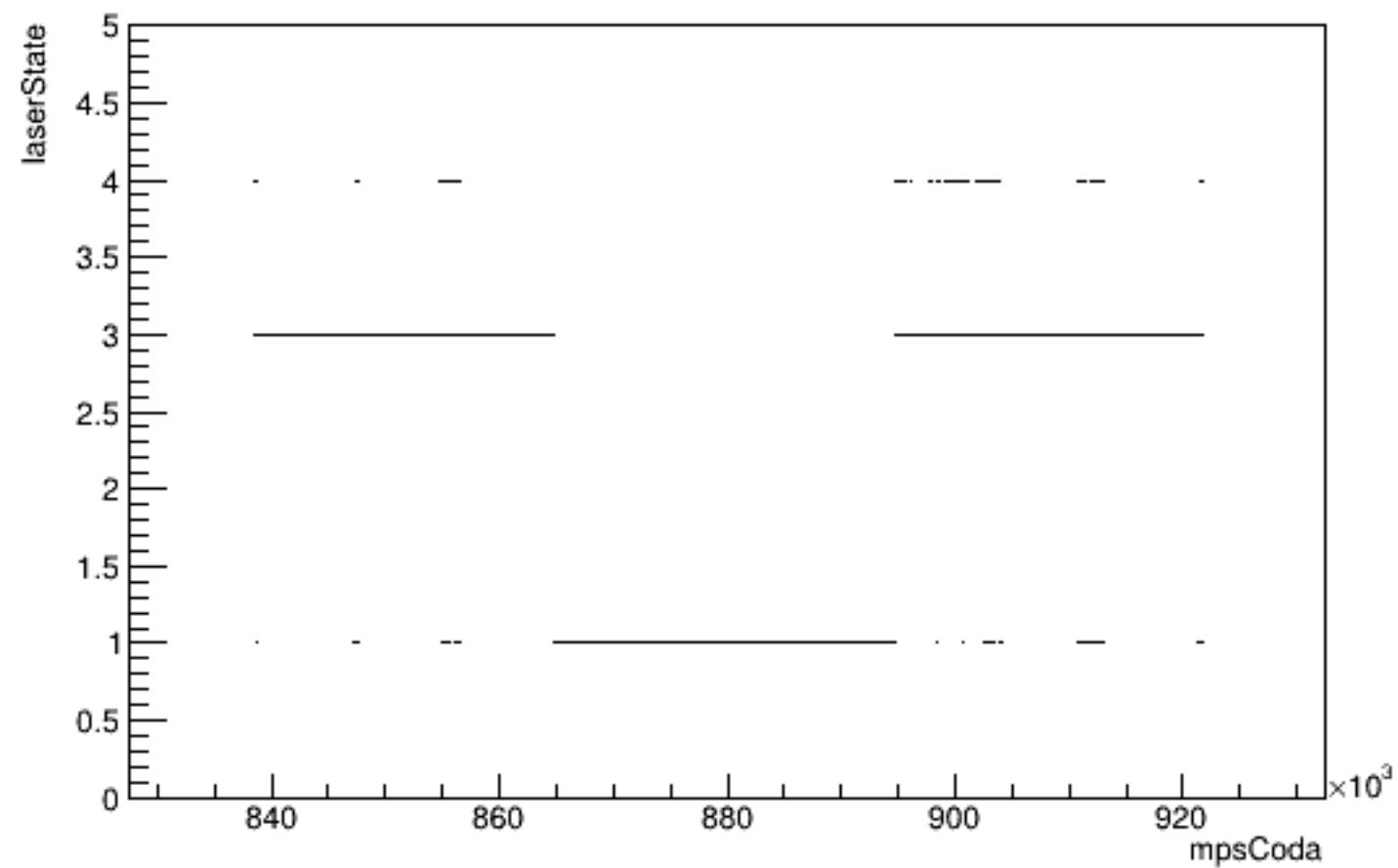
Run 4436 quartetwise, Asyms



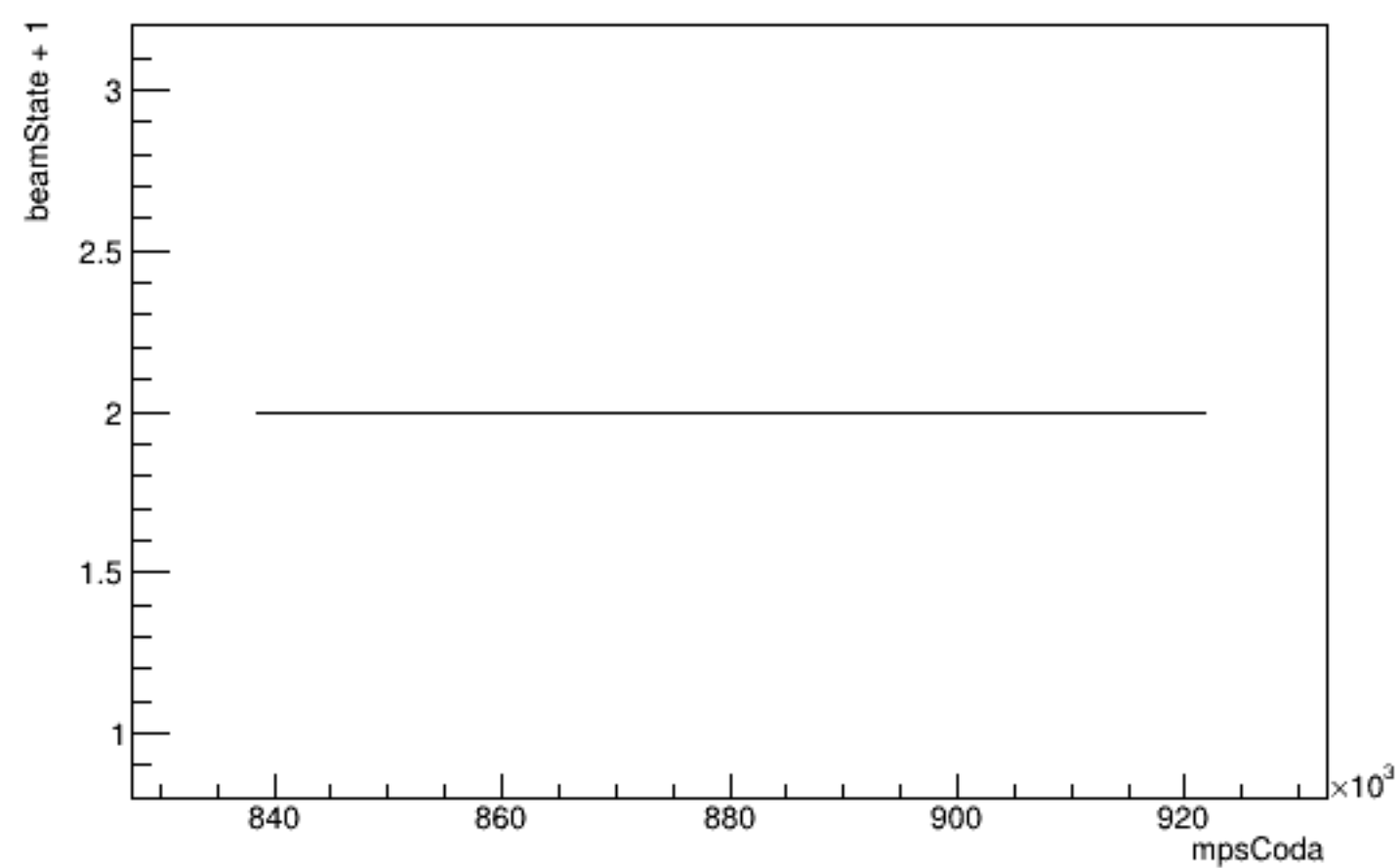
Acc0/NAcc0:mpsCoda (mpsCoda>=838402 && mpsCoda<=921777 && beamState==1)



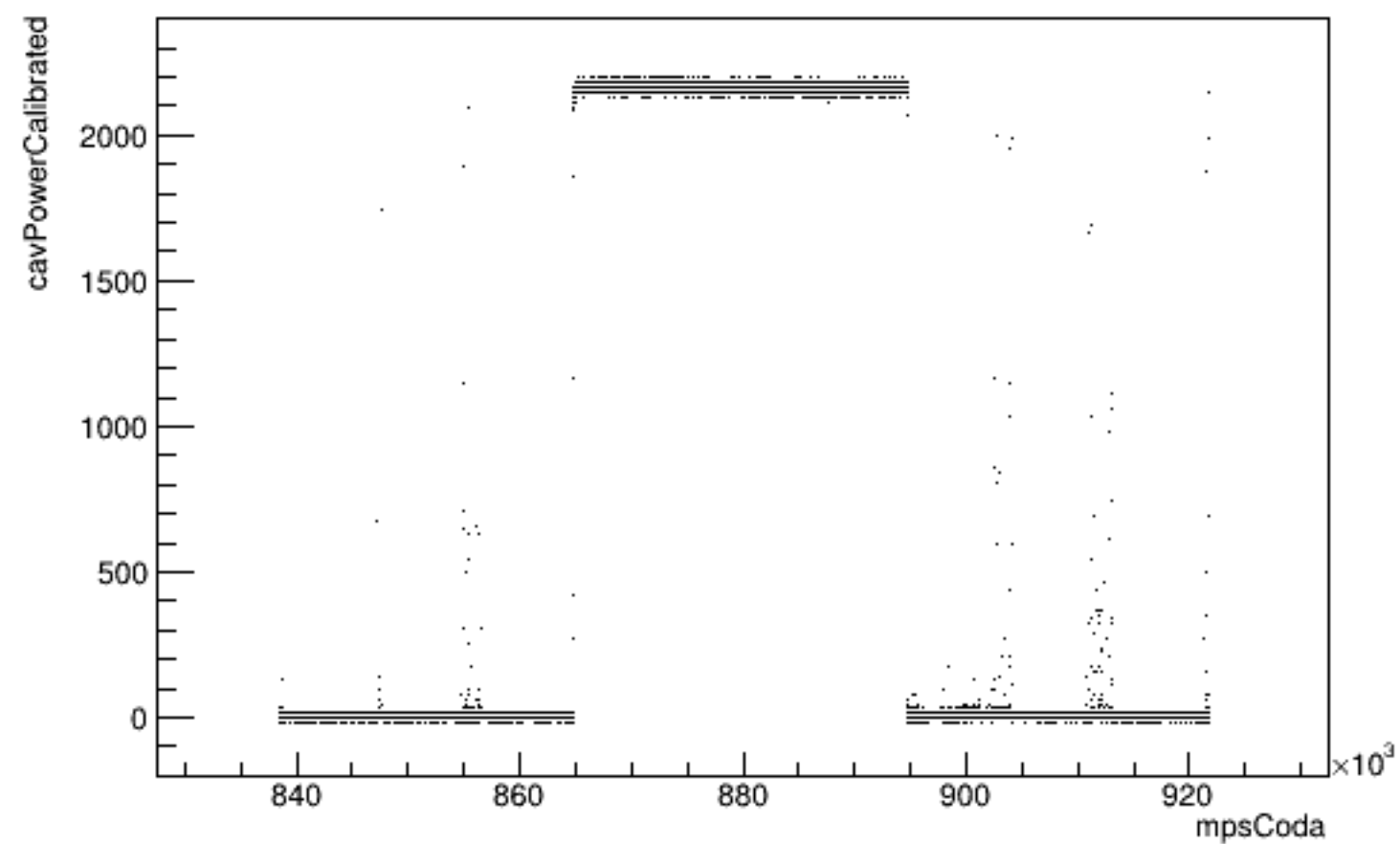
laserState:mpsCoda {mpsCoda>=838402 && mpsCoda<=921777}



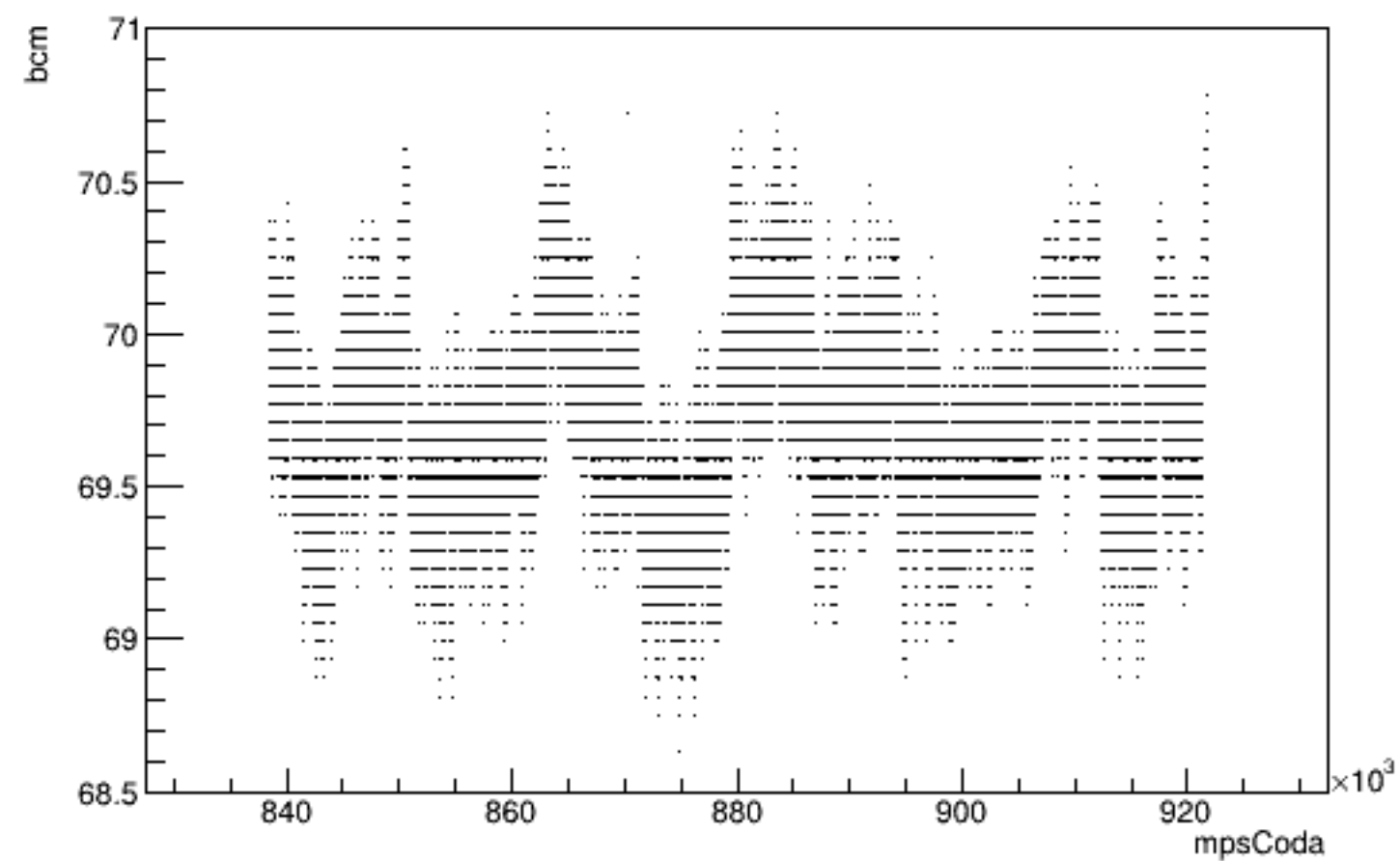
beamState + 1:mpsCoda {mpsCoda>=838402 && mpsCoda<=921777}



cavPowerCalibrated:mpsCoda {mpsCoda>=838402 && mpsCoda<=921777}



bcm:mpsCoda {mpsCoda>=838402 && mpsCoda<=921777}



Cycle 15, Diffs

Entries: 3260

Mean: 0.0286 +/- 0.0068

Std Dev: 0.3863 +/- 0.0048

Entries: 3734

Mean: 0.1327 +/- 0.0069

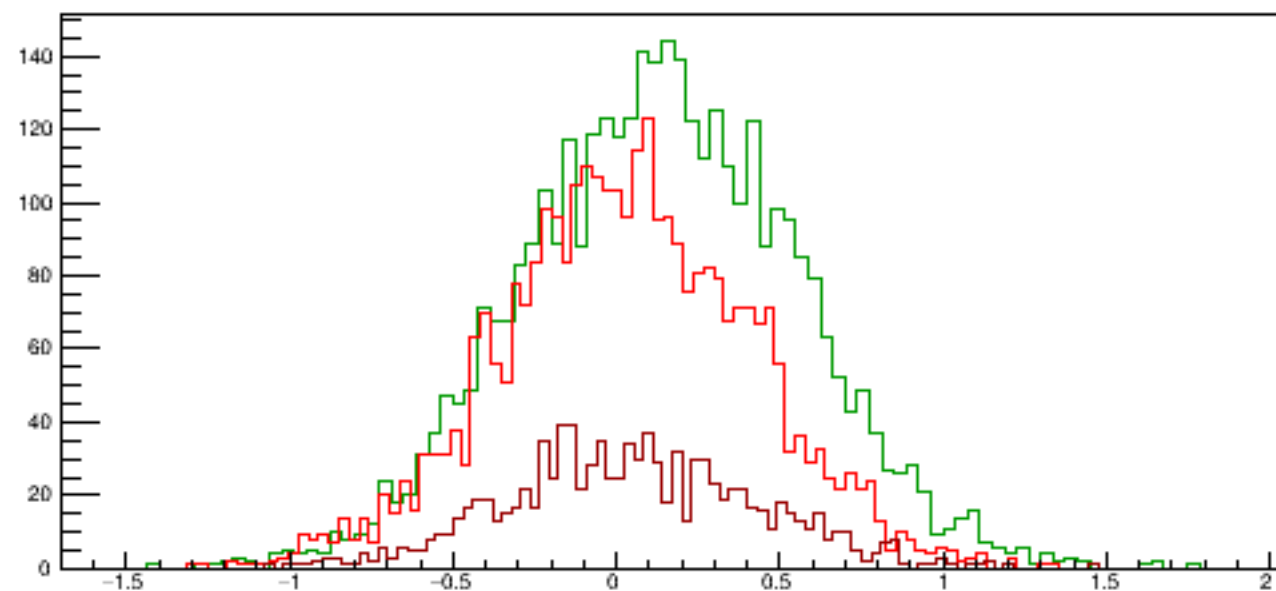
Std Dev: 0.4229 +/- 0.0049

Entries: 1019

Mean: 0.0469 +/- 0.0120

Std Dev: 0.3843 +/- 0.0085

Run 4436 quartetwise, Diffs



Cycle 15, Sums

Entries: 3260

Mean: 18.5730 +/- 0.0074

Std Dev: 0.4239 +/- 0.0053

Entries: 3734

Mean: 24.0735 +/- 0.0082

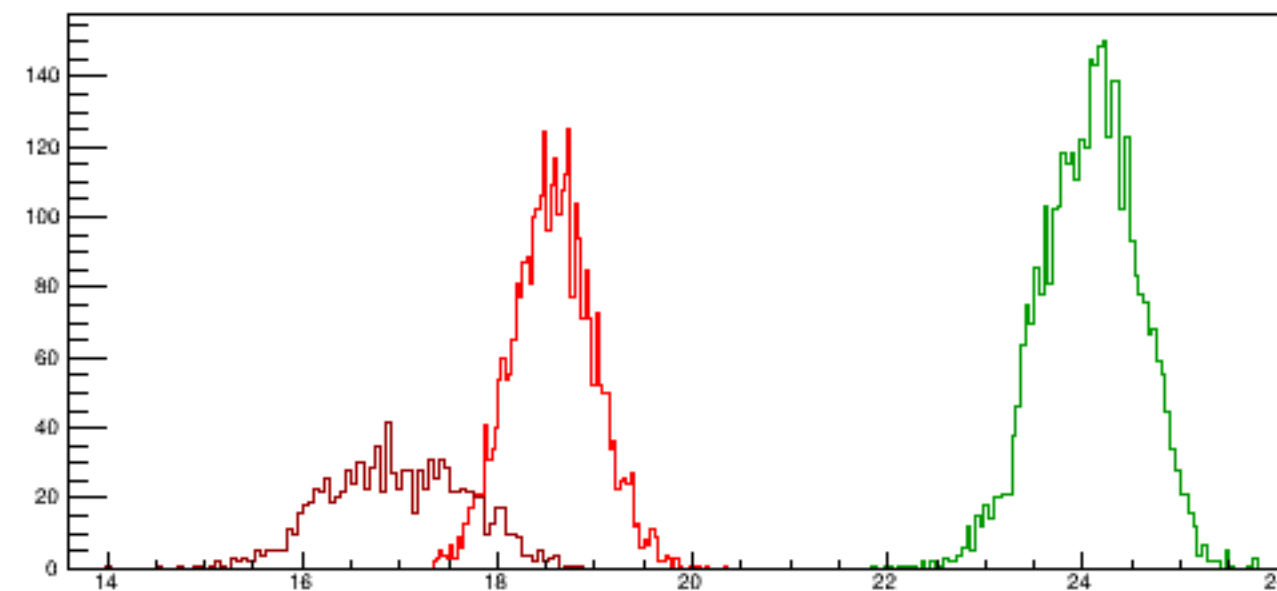
Std Dev: 0.5026 +/- 0.0058

Entries: 1019

Mean: 16.9695 +/- 0.0225

Std Dev: 0.7196 +/- 0.0159

Run 4436 quartetwise, Sums



Cycle 15, Asyms

Entries: 3260

Mean: 0.0045 +/- 0.0011

Std Dev: 0.0613 +/- 0.0008

Entries: 3734

Mean: 0.0210 +/- 0.0011

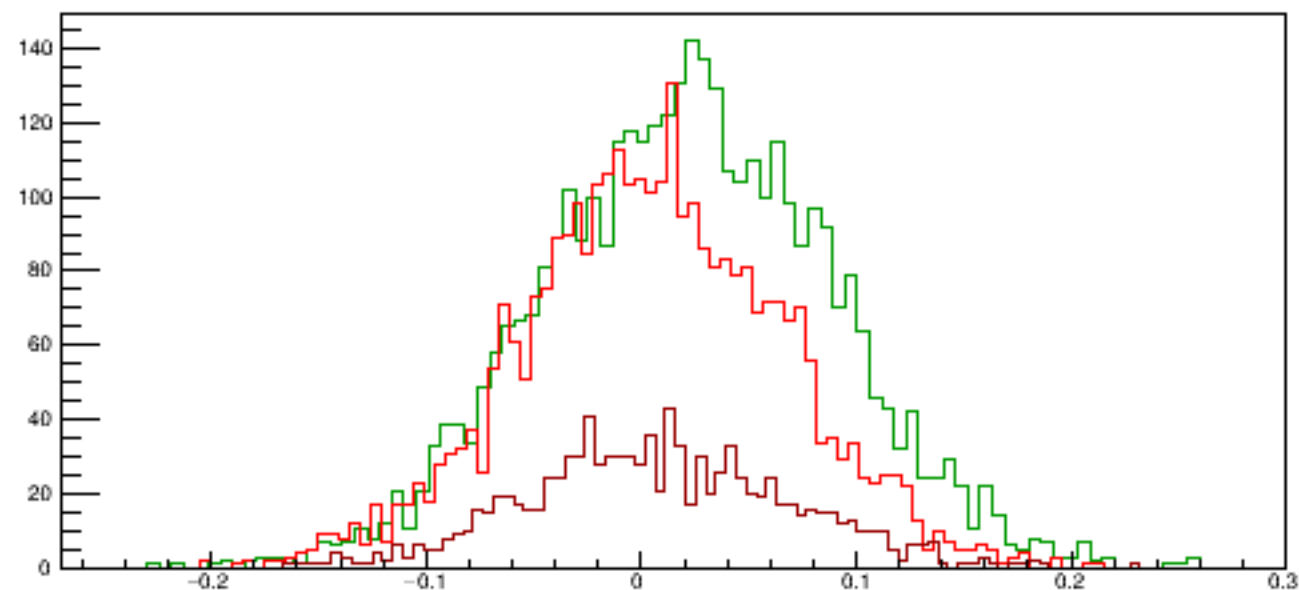
Std Dev: 0.0673 +/- 0.0008

Entries: 1019

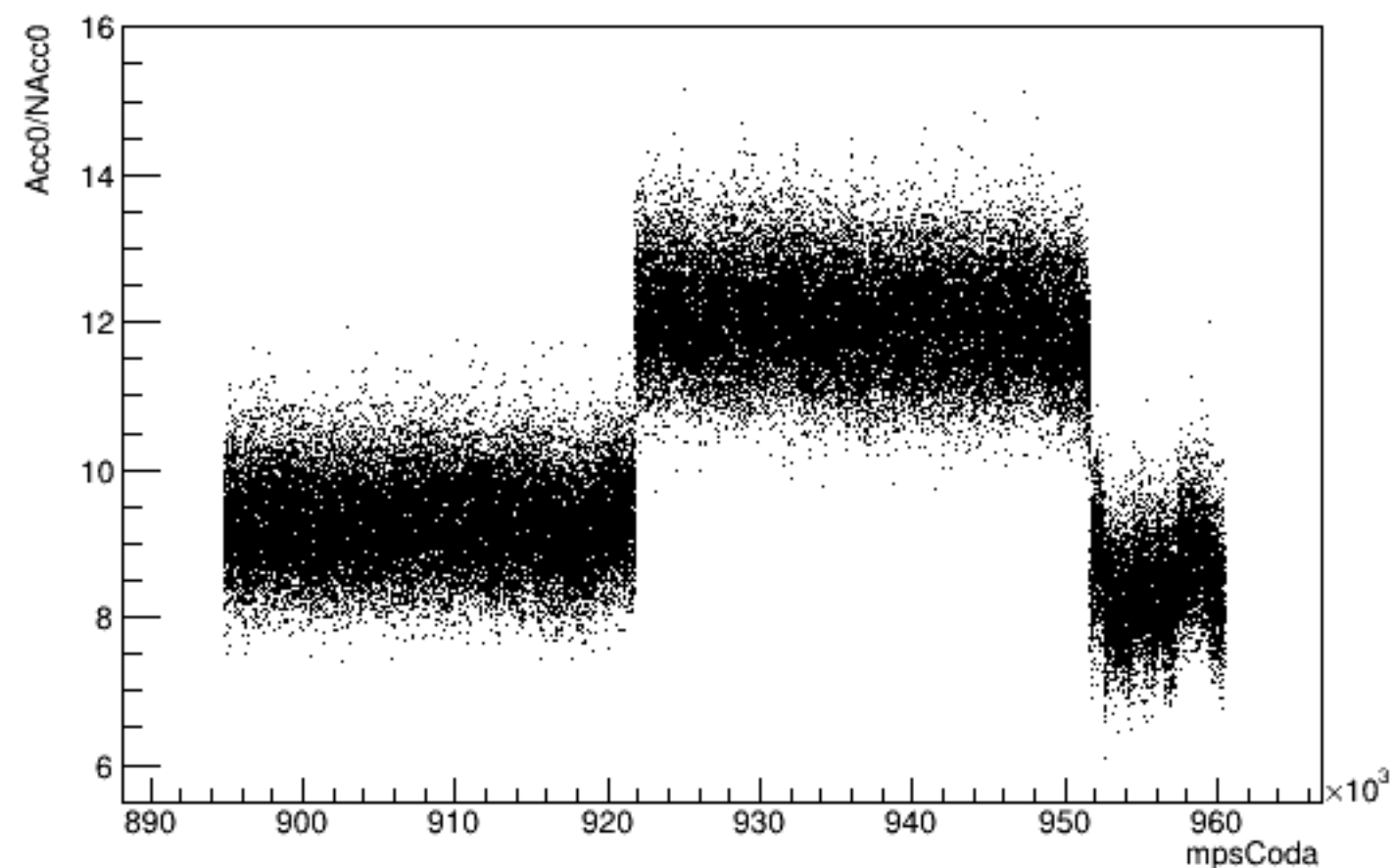
Mean: 0.0074 +/- 0.0019

Std Dev: 0.0610 +/- 0.0014

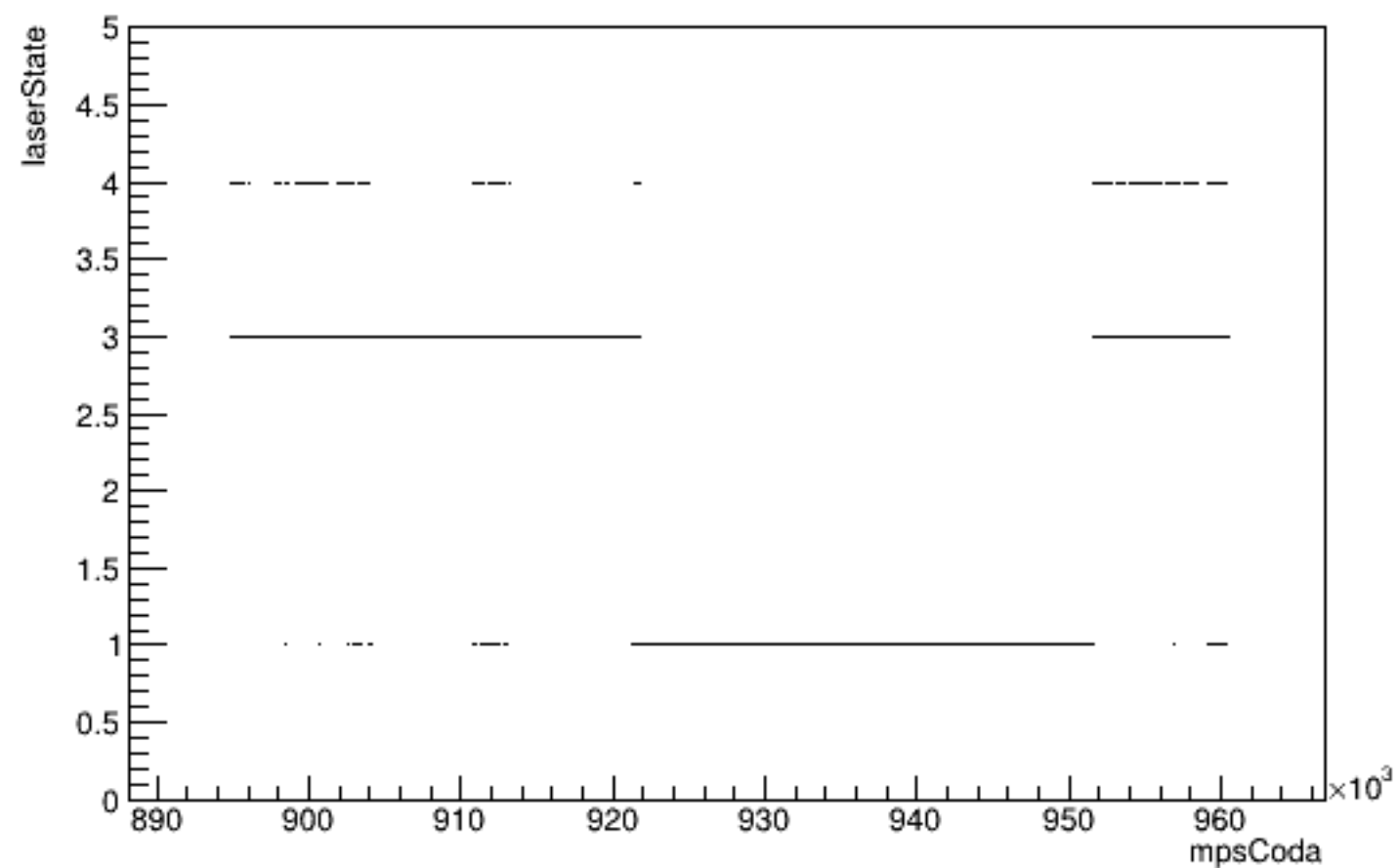
Run 4436 quartetwise, Asyms



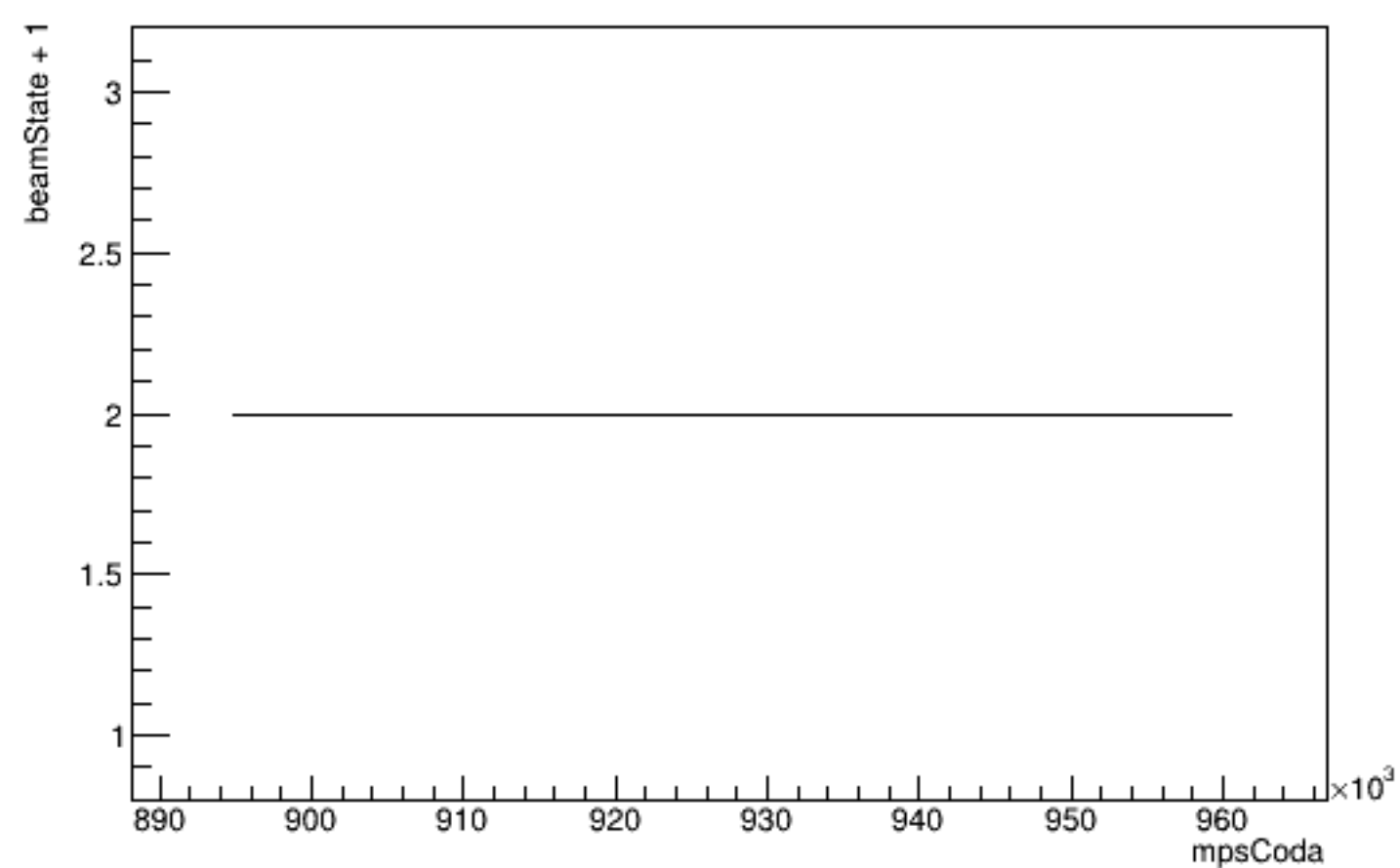
Acc0/NAcc0:mpsCoda (mpsCoda>=894786 && mpsCoda<=960457 && beamState==1)



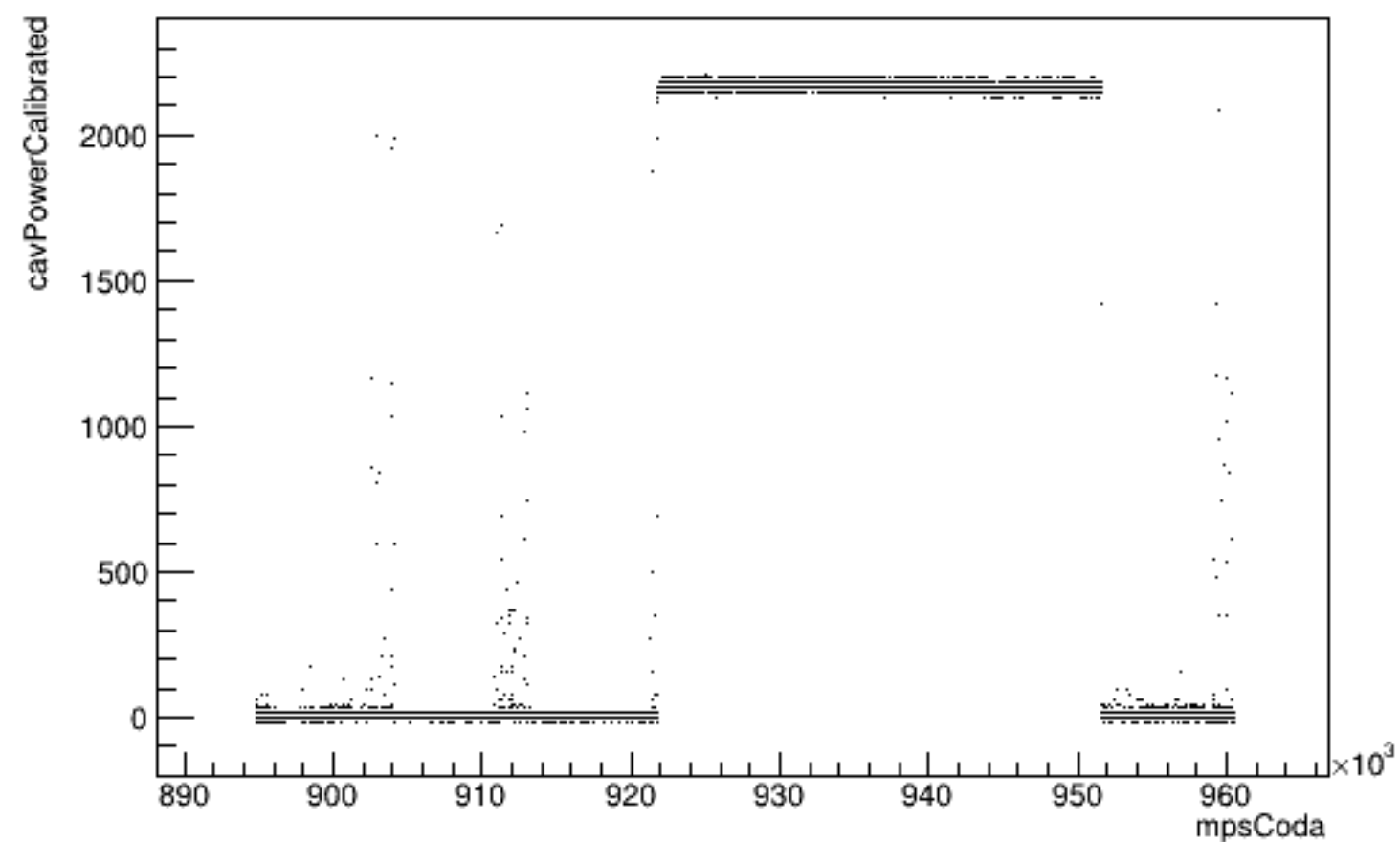
laserState:mpsCoda {mpsCoda>=894786 && mpsCoda<=960457}



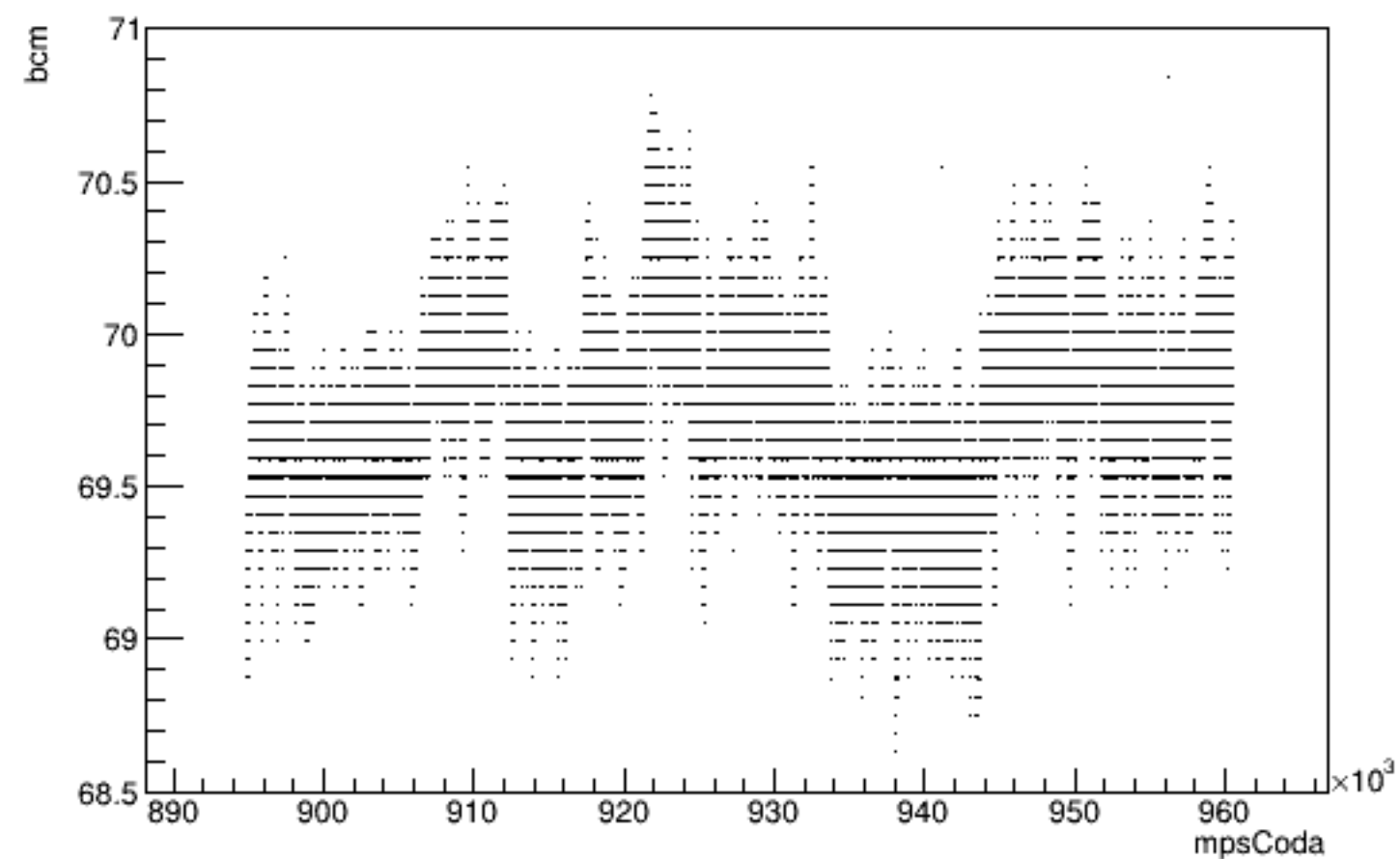
beamState + 1:mpsCoda {mpsCoda>=894786 && mpsCoda<=960457}



cavPowerCalibrated:mpsCoda {mpsCoda>=894786 && mpsCoda<=960457}



bcm:mpsCoda {mpsCoda>=894786 && mpsCoda<=960457}



Cycle 16, Diffs

Entries: 3265

Mean: 0.0553 +/- 0.0068

Std Dev: 0.3858 +/- 0.0048

Entries: 3744

Mean: 0.1398 +/- 0.0069

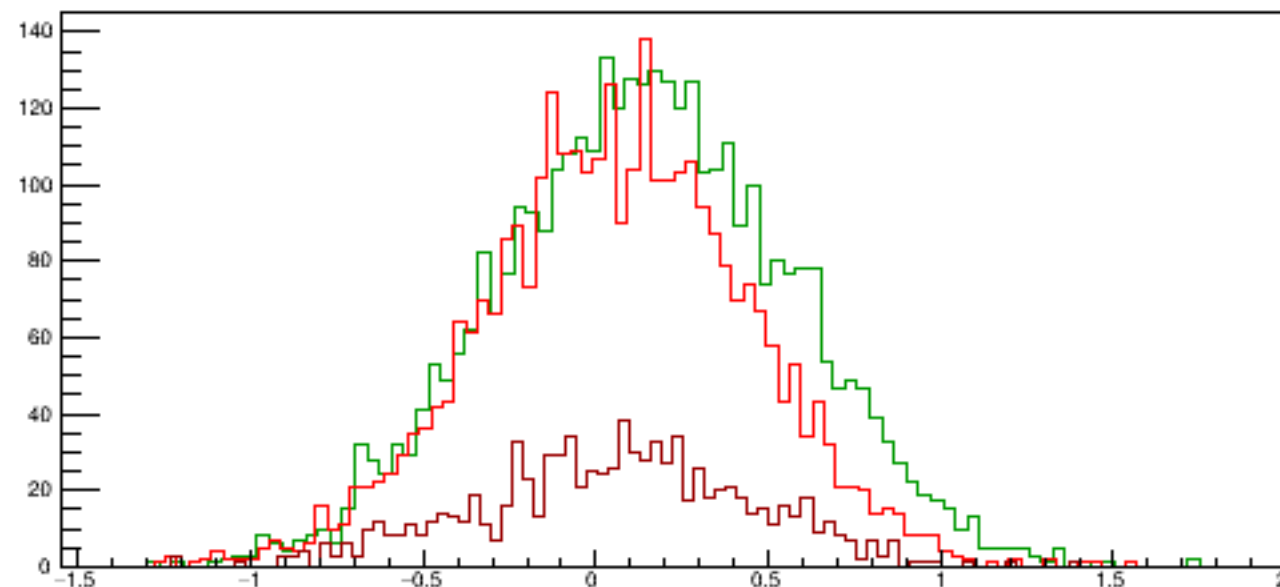
Std Dev: 0.4220 +/- 0.0049

Entries: 908

Mean: 0.0498 +/- 0.0131

Std Dev: 0.3949 +/- 0.0093

Run 4436 quartetwise, Diffs



Cycle 16, Sums

Entries: 3265

Mean: 17.9518 +/- 0.0076

Std Dev: 0.4317 +/- 0.0053

Entries: 3744

Mean: 23.6791 +/- 0.0095

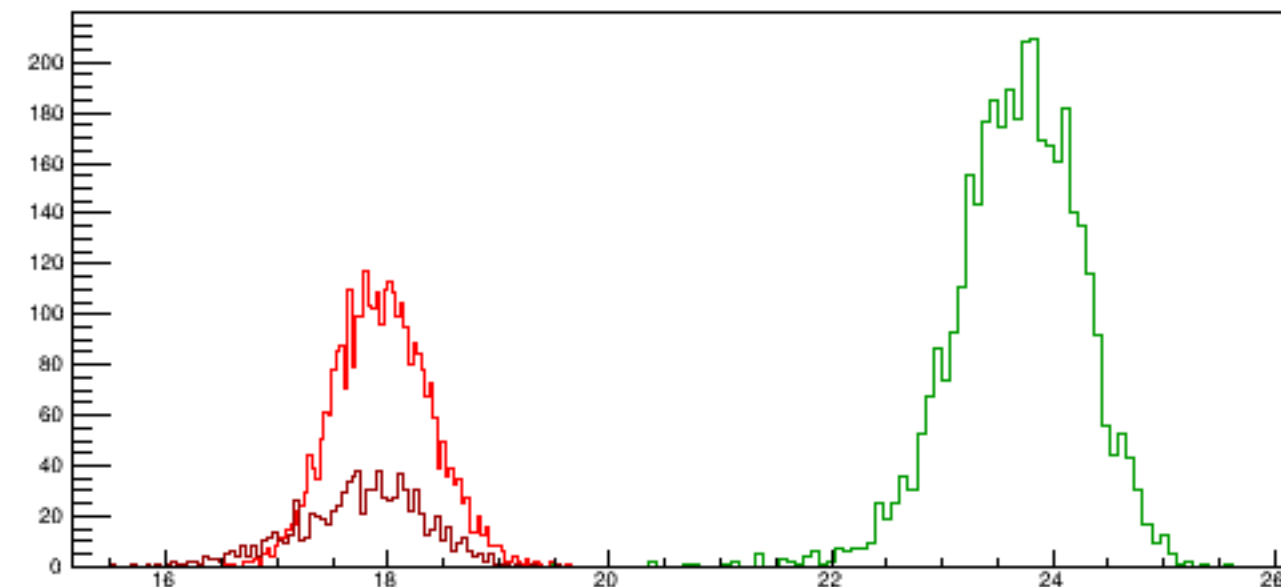
Std Dev: 0.5793 +/- 0.0067

Entries: 908

Mean: 17.7529 +/- 0.0192

Std Dev: 0.5796 +/- 0.0136

Run 4436 quartetwise, Sums



Cycle 16, Asyms

Entries: 3265

Mean: 0.0095 +/- 0.0012

Std Dev: 0.0662 +/- 0.0008

Entries: 3744

Mean: 0.0242 +/- 0.0012

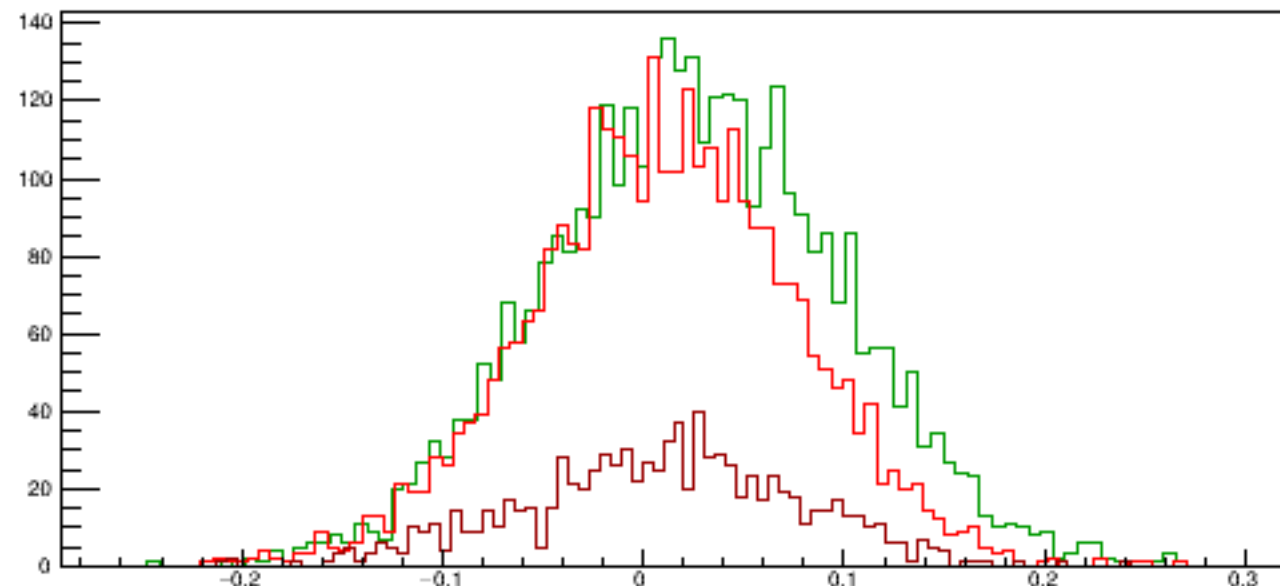
Std Dev: 0.0733 +/- 0.0008

Entries: 908

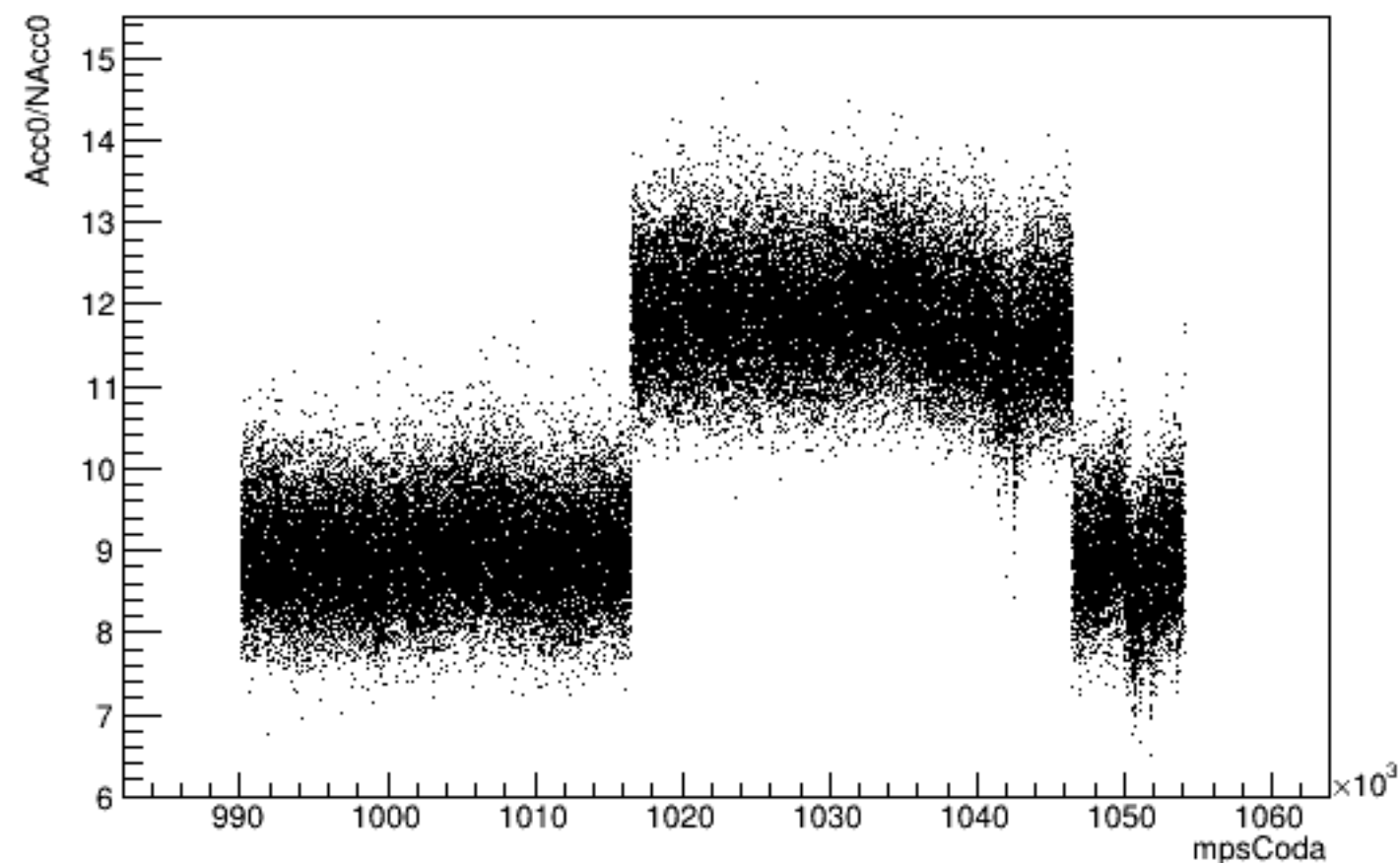
Mean: 0.0085 +/- 0.0022

Std Dev: 0.0678 +/- 0.0016

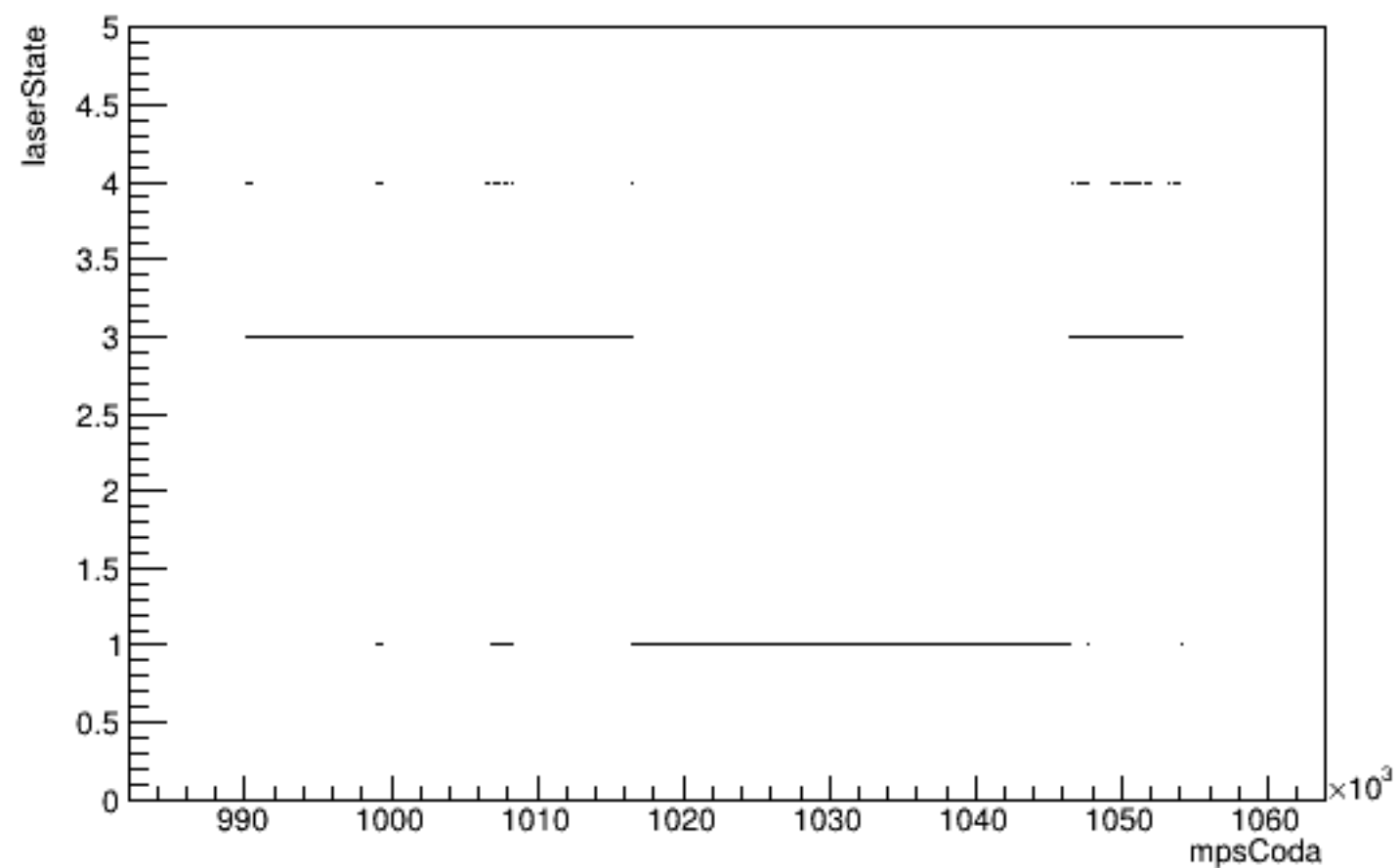
Run 4436 quartetwise, Asyms



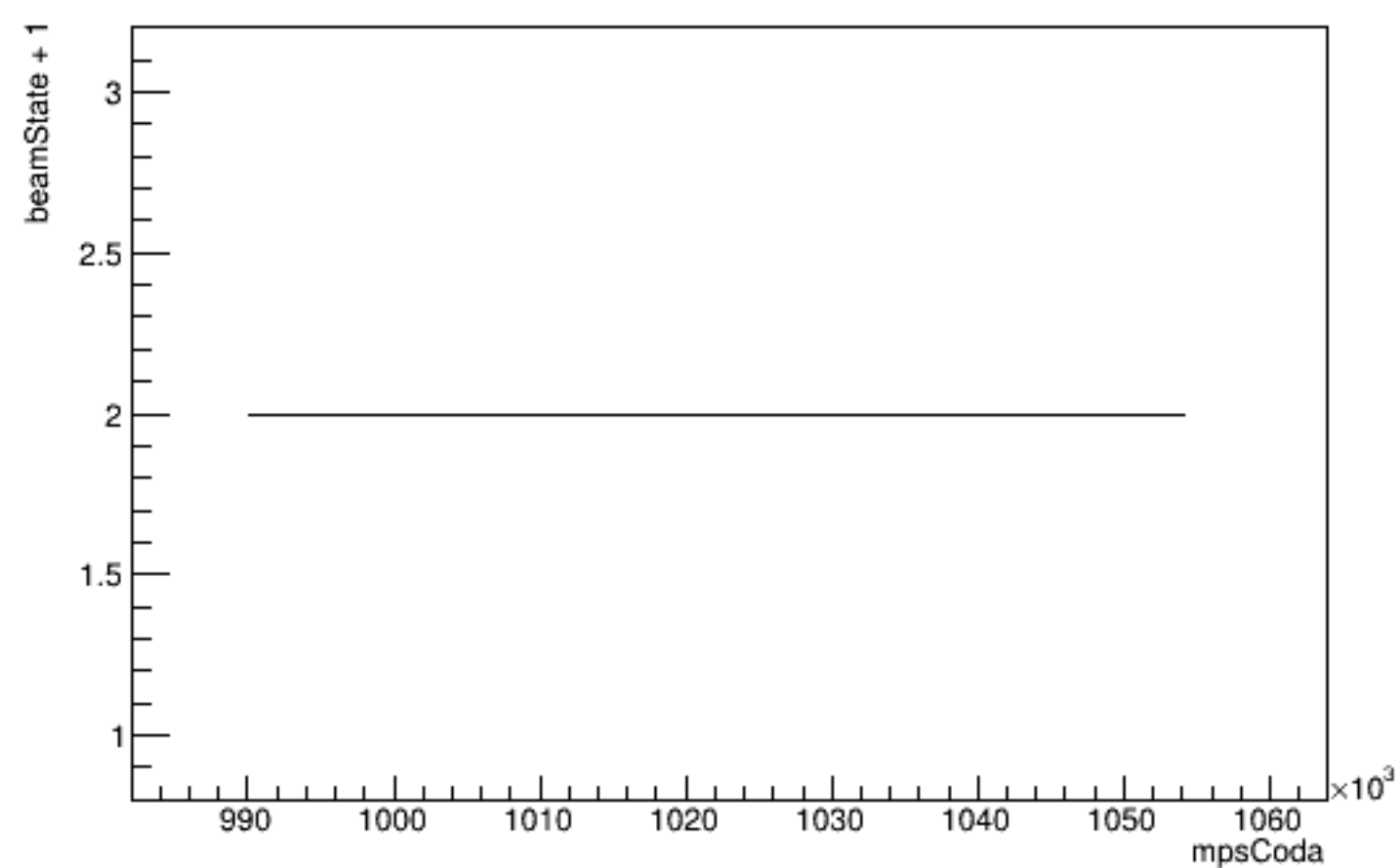
Acc0/NAcc0:mpsCoda (mpsCoda>=990082 && mpsCoda<=1054057 && beamState==1)



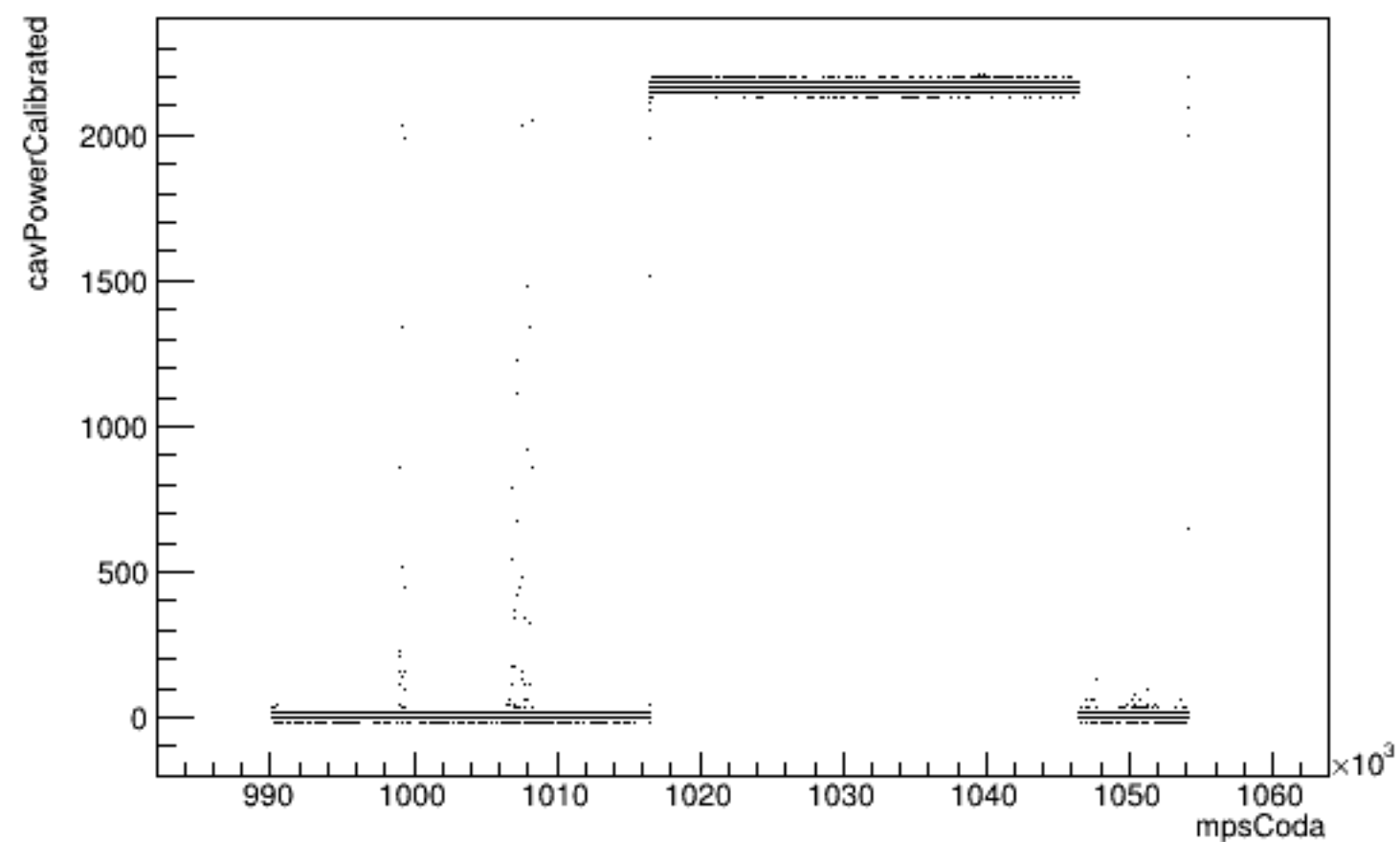
laserState:mpsCoda {mpsCoda>=990082 && mpsCoda<=1054057}



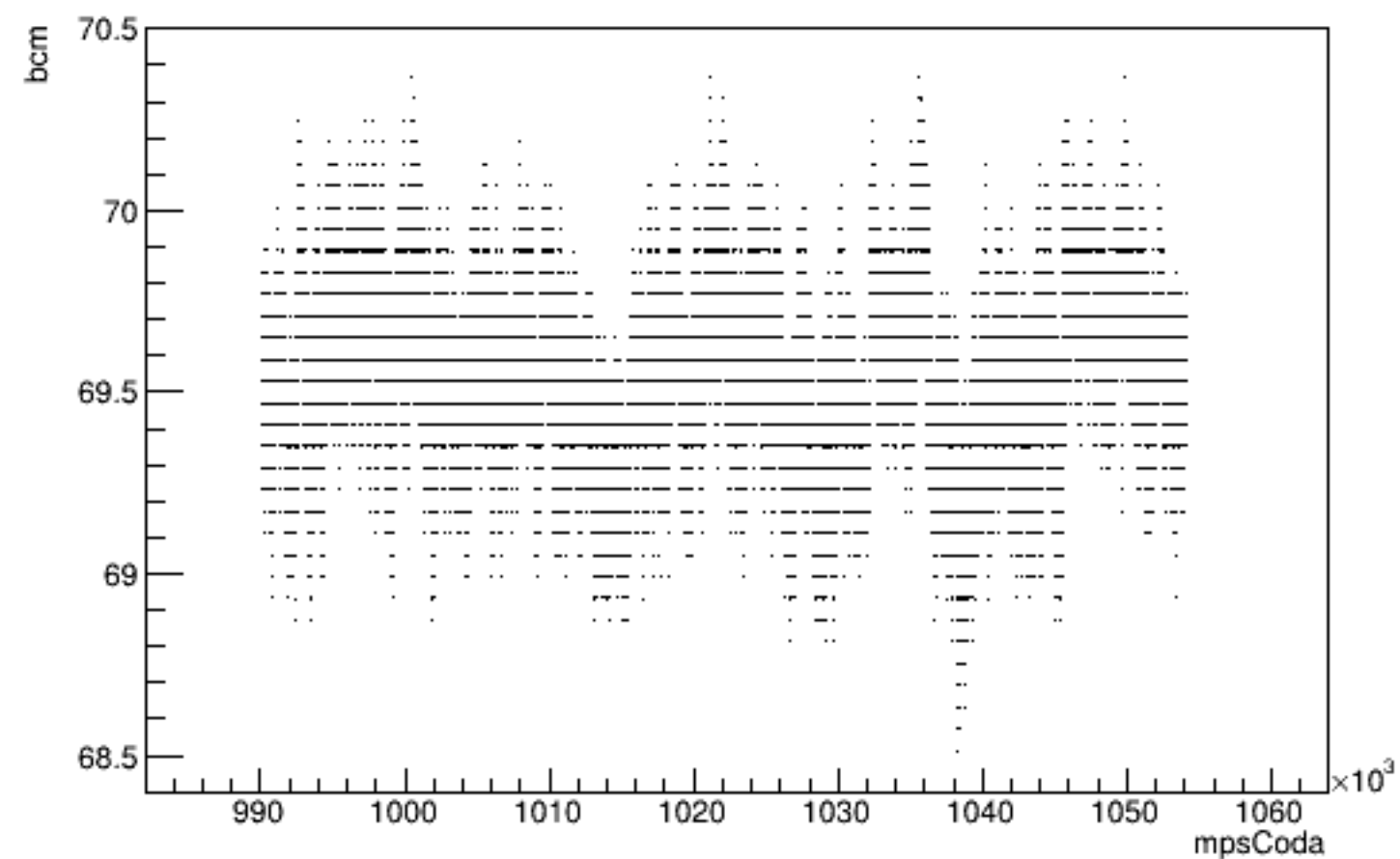
beamState + 1:mpsCoda {mpsCoda>=990082 && mpsCoda<=1054057}



cavPowerCalibrated:mpsCoda {mpsCoda>=990082 && mpsCoda<=1054057}



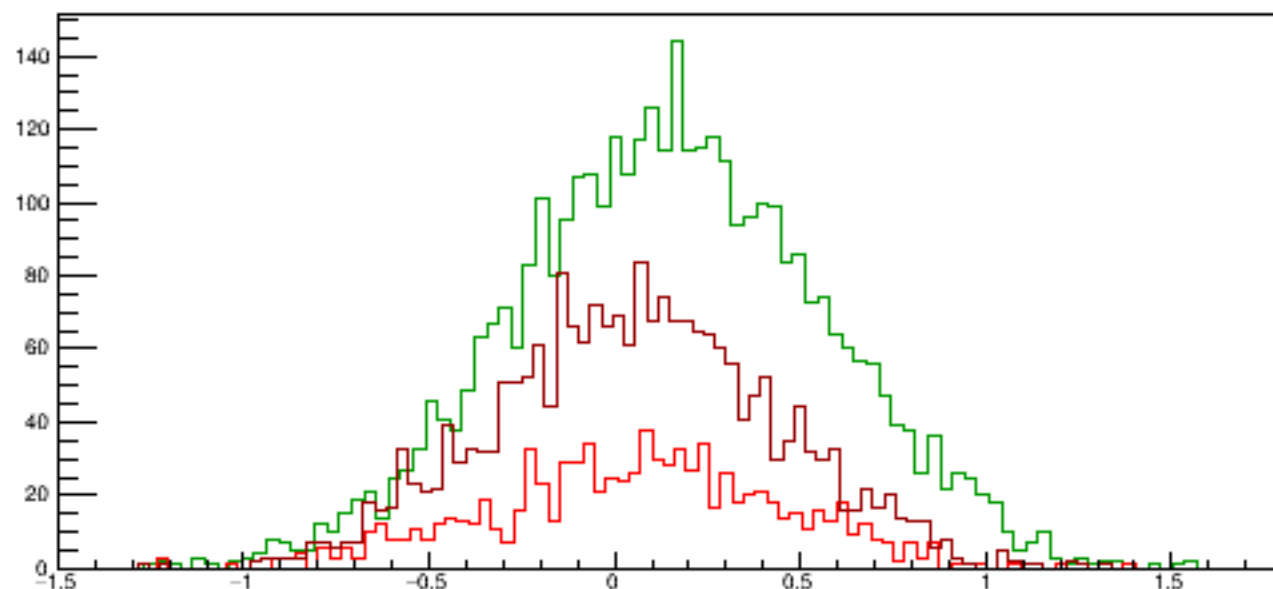
bcm:mpsCoda {mpsCoda>=990082 && mpsCoda<=1054057}



Cycle 17, Diffs

Entries: 908	Entries: 3800	Entries: 2214
Mean: 0.0498 +/- 0.0131	Mean: 0.1464 +/- 0.0068	Mean: 0.0538 +/- 0.0080
Std Dev: 0.3949 +/- 0.0093	Std Dev: 0.4182 +/- 0.0048	Std Dev: 0.3785 +/- 0.0057

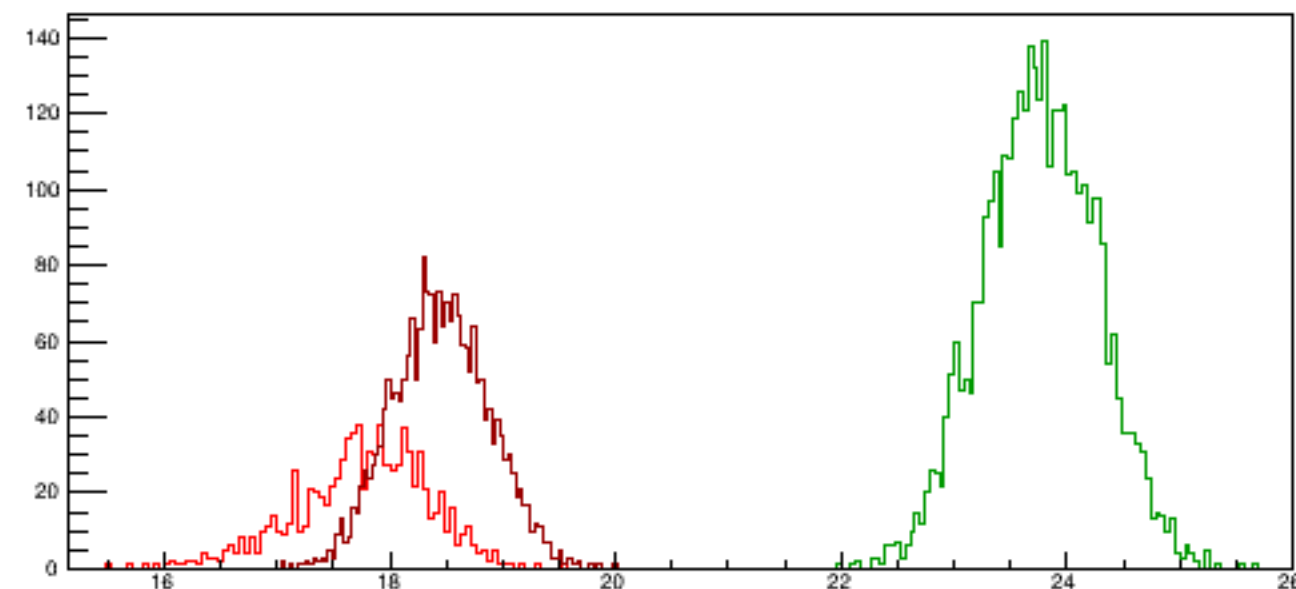
Run 4436 quartetwise, Diffs



Cycle 17, Sums

Entries: 908	Entries: 3800	Entries: 2214
Mean: 17.7529 +/- 0.0192	Mean: 23.7621 +/- 0.0082	Mean: 18.4527 +/- 0.0091
Std Dev: 0.5796 +/- 0.0136	Std Dev: 0.5058 +/- 0.0058	Std Dev: 0.4305 +/- 0.0065

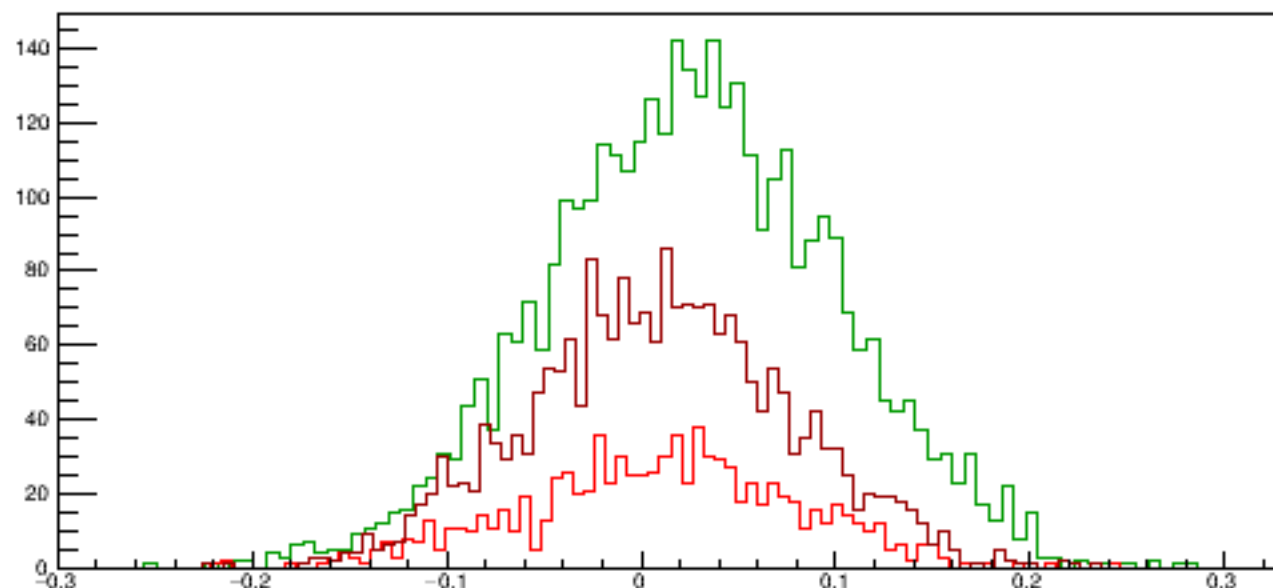
Run 4436 quartetwise, Sums



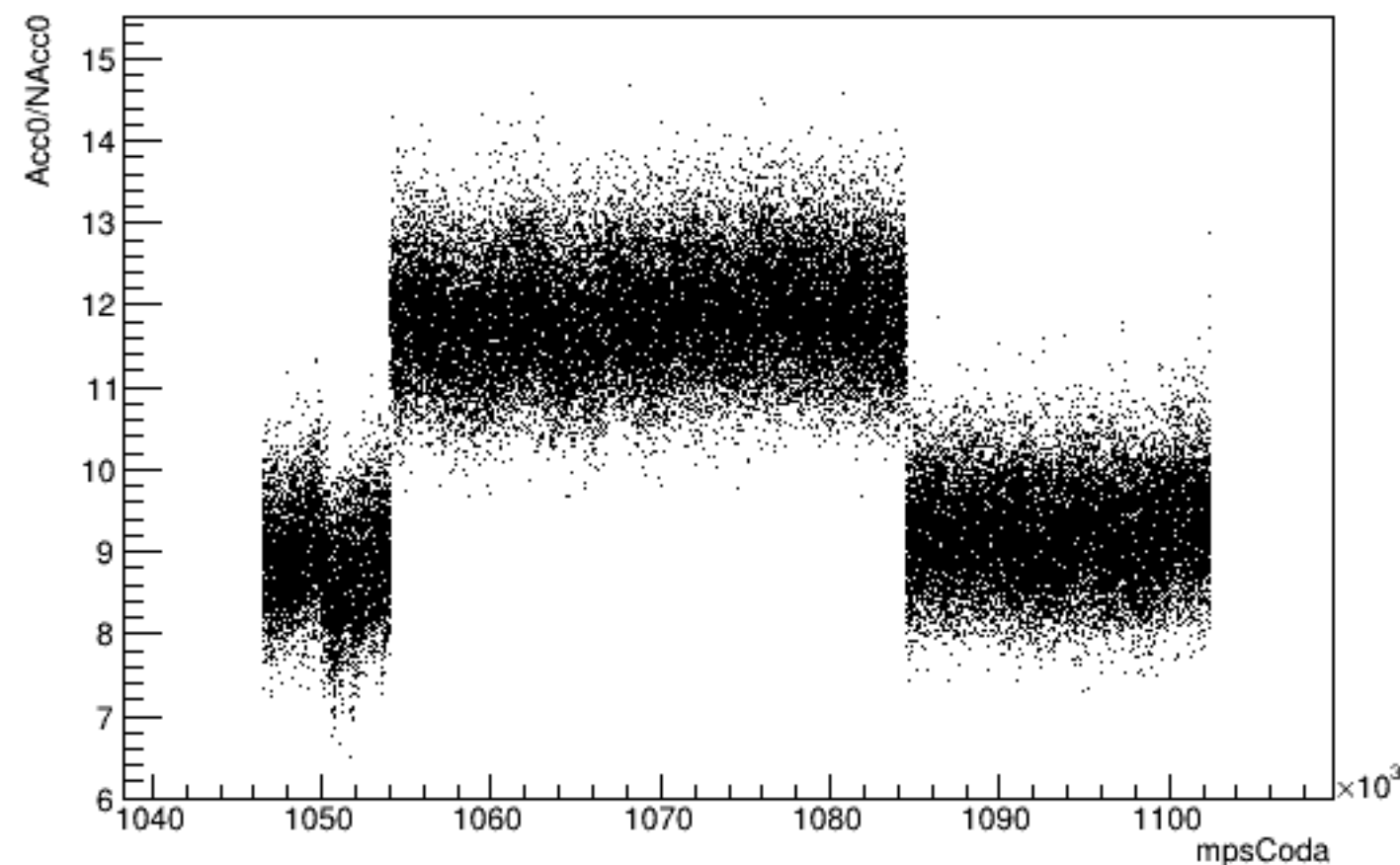
Cycle 17, Asyms

Entries: 908	Entries: 3800	Entries: 2214
Mean: 0.0088 +/- 0.0023	Mean: 0.0259 +/- 0.0012	Mean: 0.0095 +/- 0.0014
Std Dev: 0.0698 +/- 0.0016	Std Dev: 0.0744 +/- 0.0009	Std Dev: 0.0669 +/- 0.0010

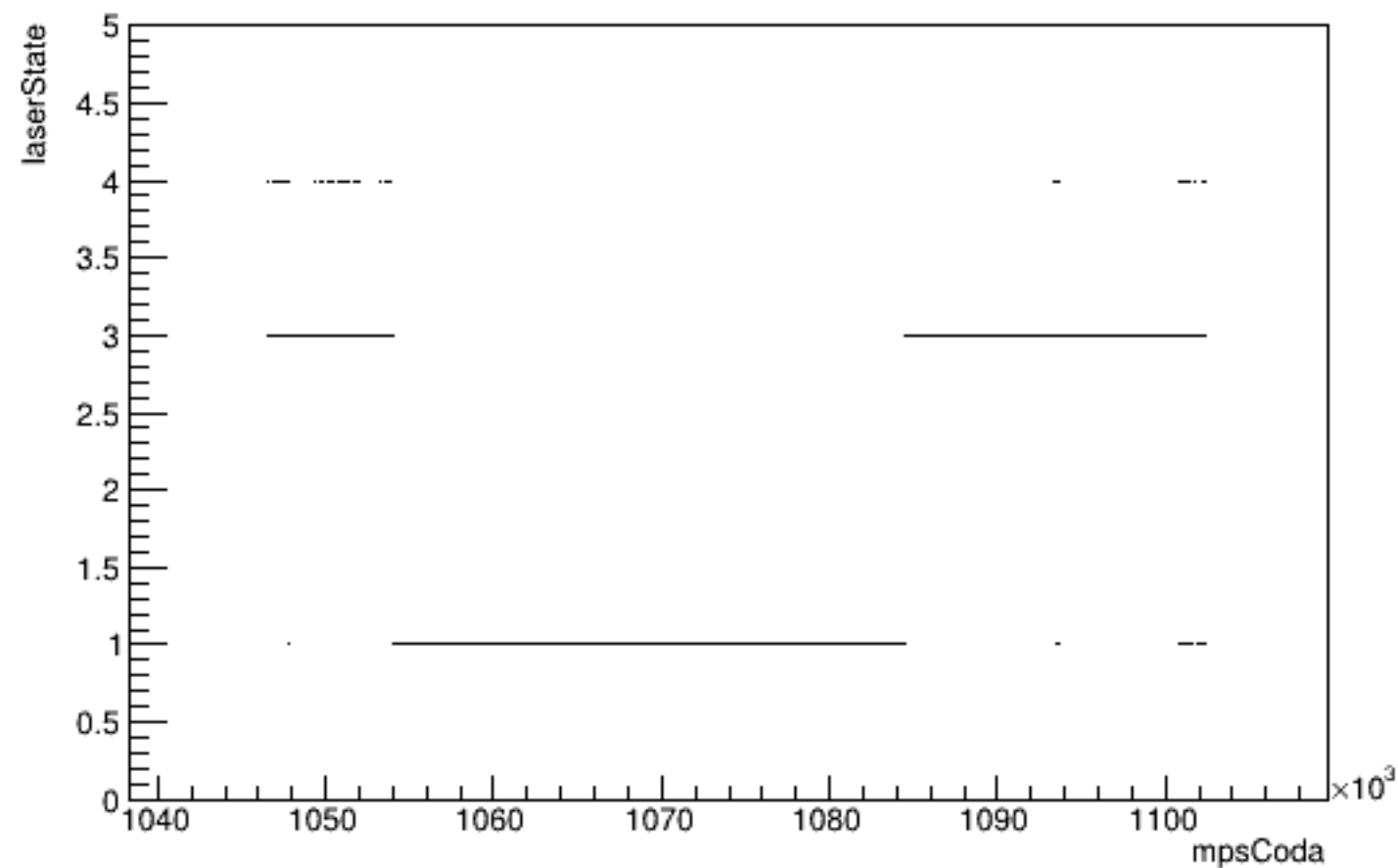
Run 4436 quartetwise, Asyms



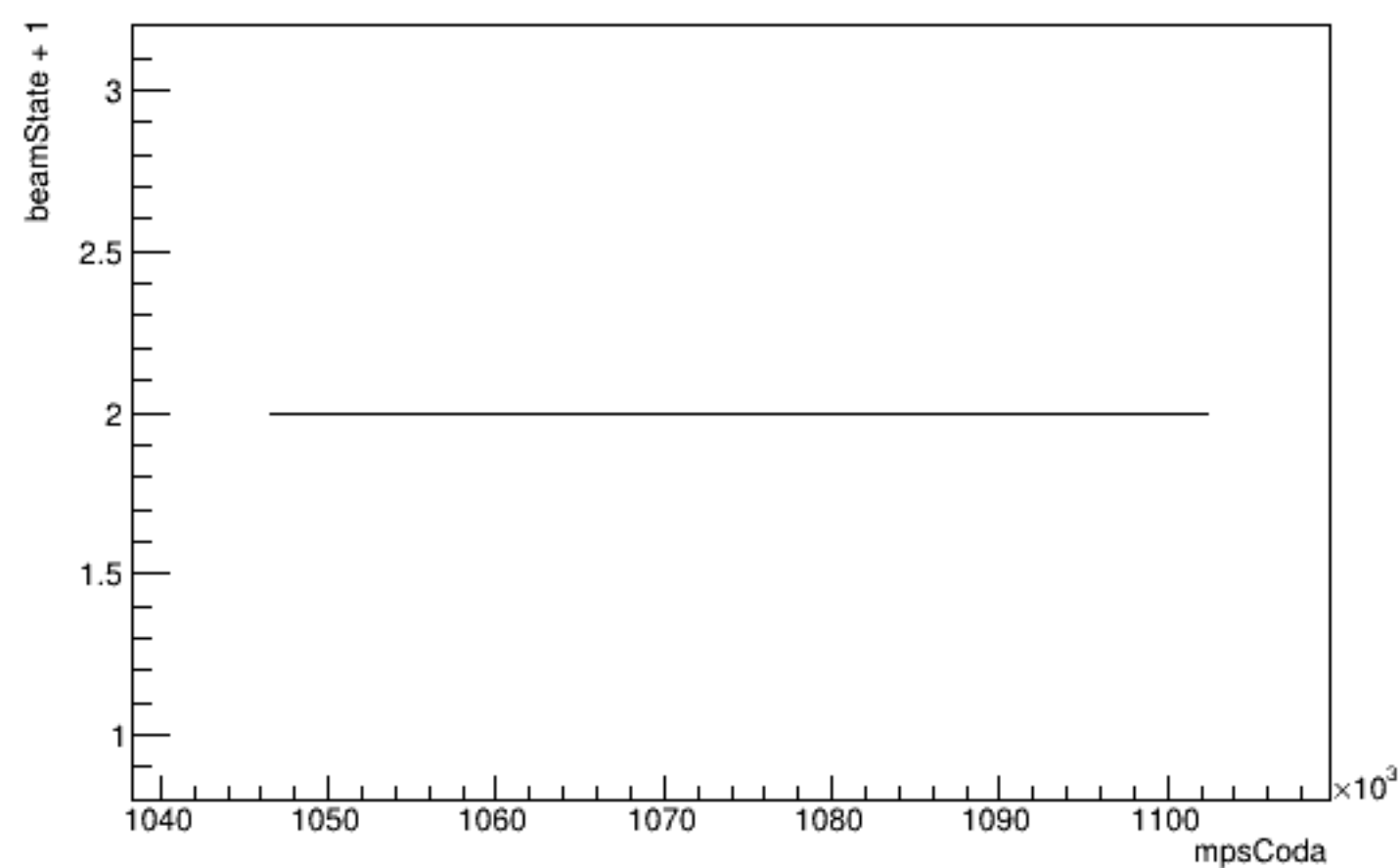
Acc0/NAcc0:mpsCoda (mpsCoda>=1046506 && mpsCoda<=1102449 && beamState==1)



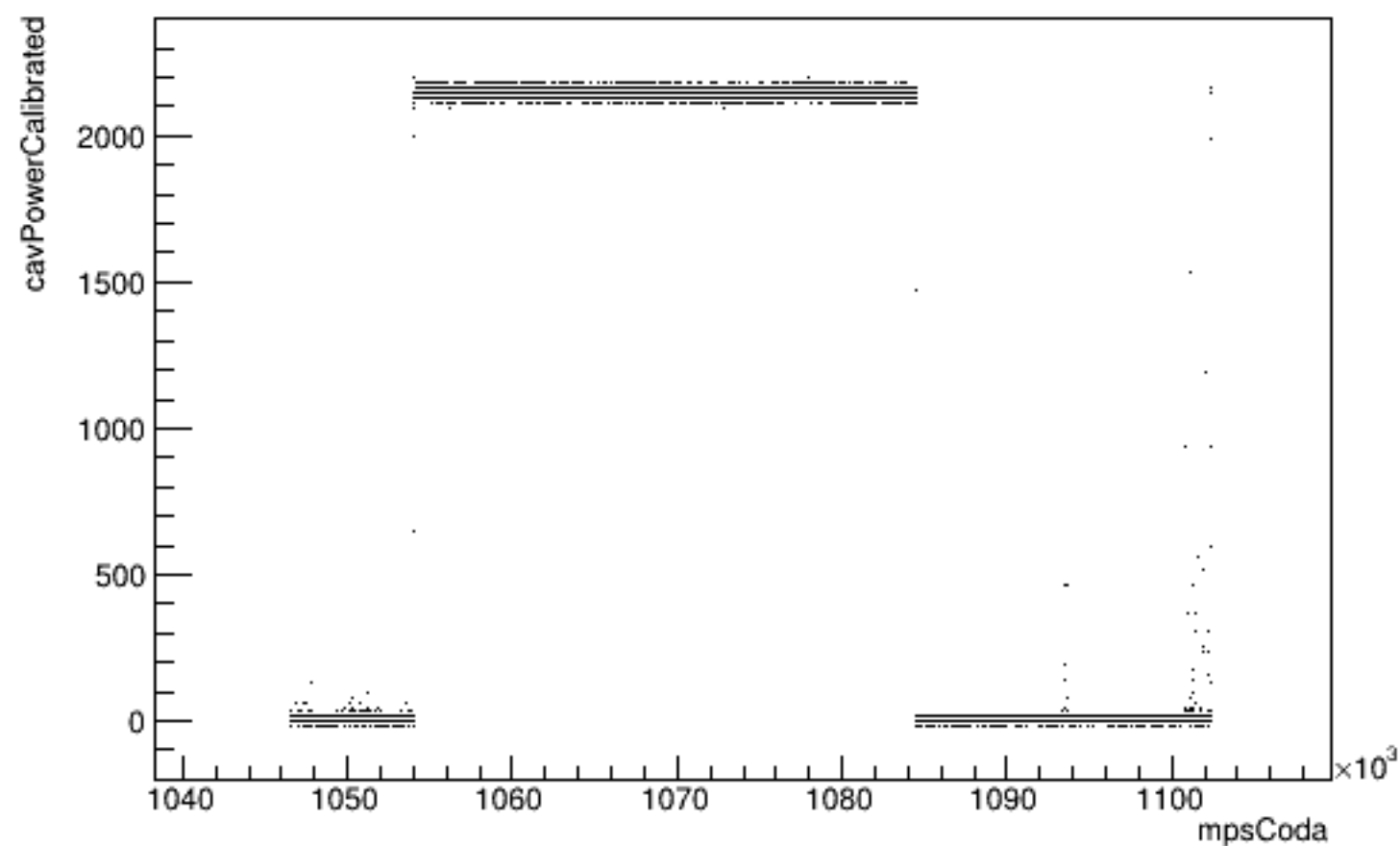
laserState:mpsCoda {mpsCoda>=1046506 && mpsCoda<=1102449}



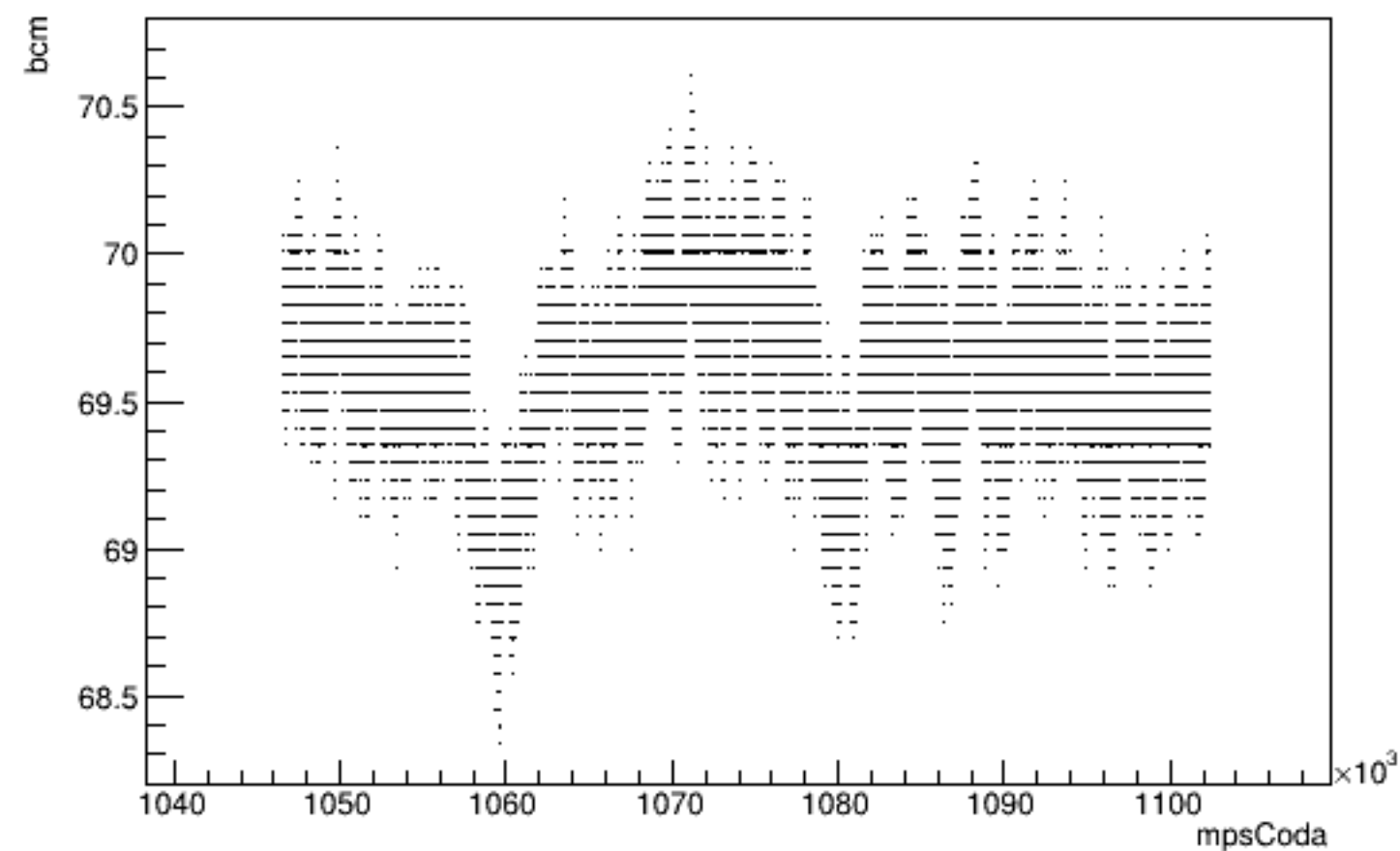
beamState + 1:mpsCoda {mpsCoda>=1046506 && mpsCoda<=1102449}



cavPowerCalibrated:mpsCoda {mpsCoda>=1046506 && mpsCoda<=1102449}



bcm:mpsCoda {mpsCoda>=1046506 && mpsCoda<=1102449}



Cycle 18, Diffs

Entries: 2214

Mean: 0.0538 +/- 0.0080

Std Dev: 0.3785 +/- 0.0057

Entries: 3707

Mean: 0.1385 +/- 0.0069

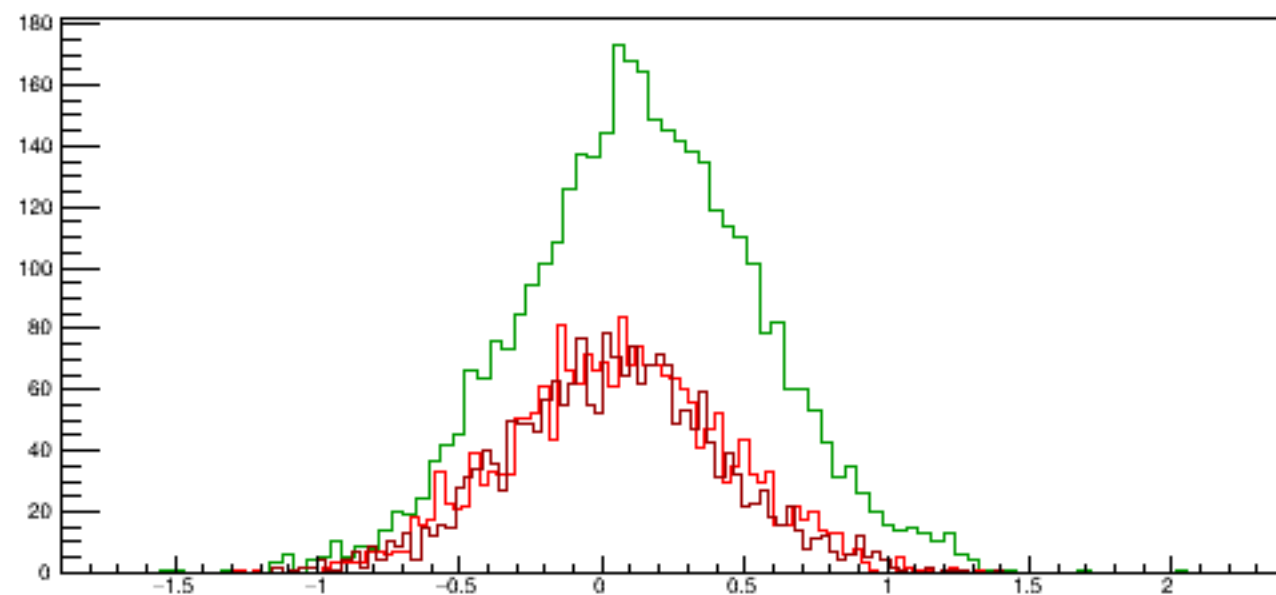
Std Dev: 0.4211 +/- 0.0049

Entries: 2083

Mean: 0.0385 +/- 0.0083

Std Dev: 0.3772 +/- 0.0058

Run 4436 quartetwise, Diffs



Cycle 18, Sums

Entries: 2214

Mean: 18.4527 +/- 0.0091

Std Dev: 0.4305 +/- 0.0065

Entries: 3707

Mean: 23.4503 +/- 0.0098

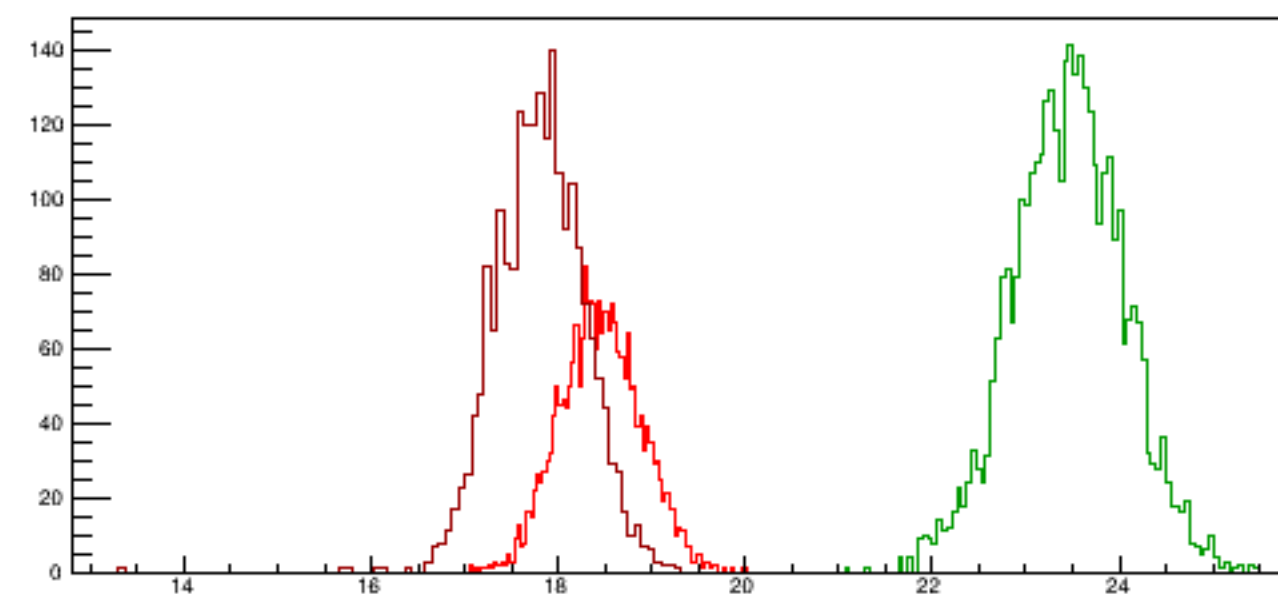
Std Dev: 0.5954 +/- 0.0069

Entries: 2083

Mean: 17.8111 +/- 0.0103

Std Dev: 0.4720 +/- 0.0073

Run 4436 quartetwise, Sums



Cycle 18, Asyms

Entries: 2214

Mean: 0.0101 +/- 0.0015

Std Dev: 0.0712 +/- 0.0011

Entries: 3707

Mean: 0.0263 +/- 0.0013

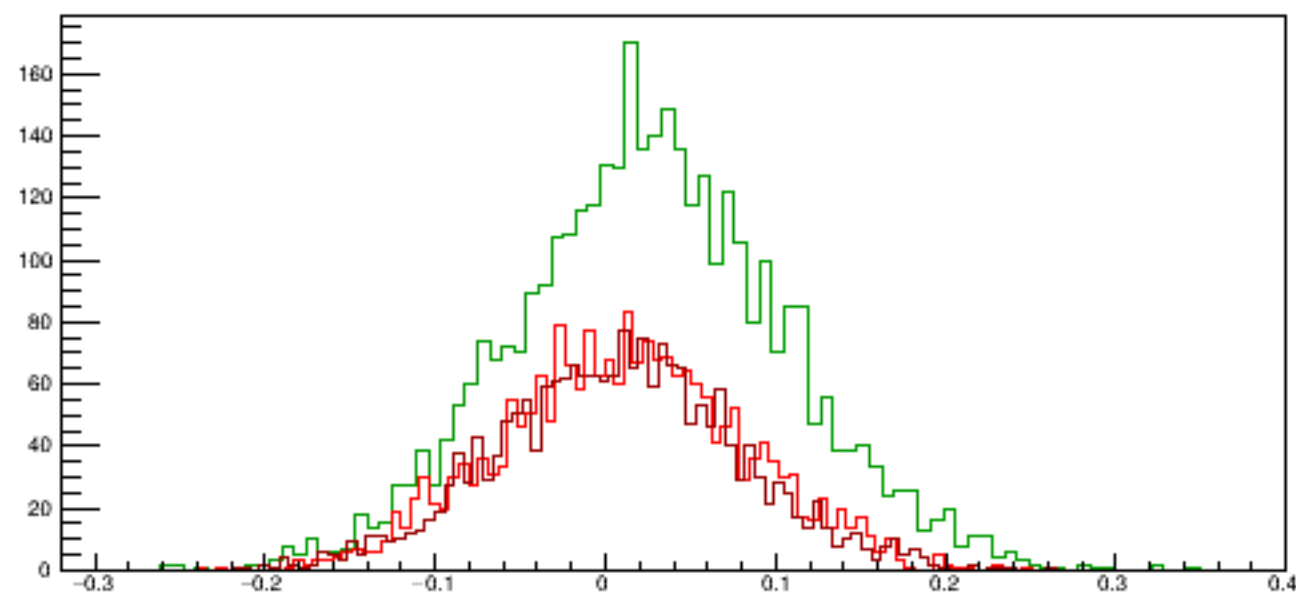
Std Dev: 0.0803 +/- 0.0009

Entries: 2083

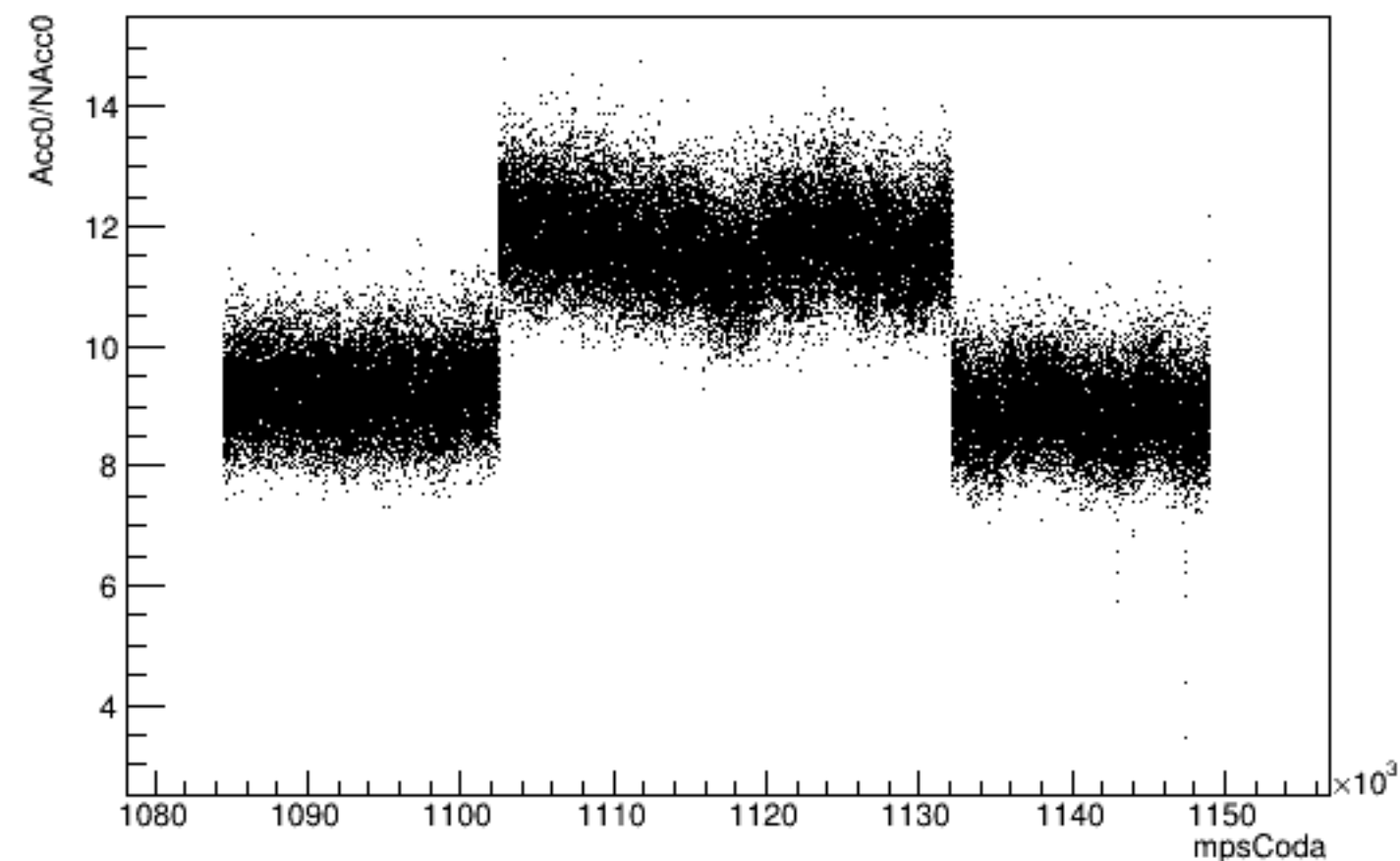
Mean: 0.0072 +/- 0.0016

Std Dev: 0.0709 +/- 0.0011

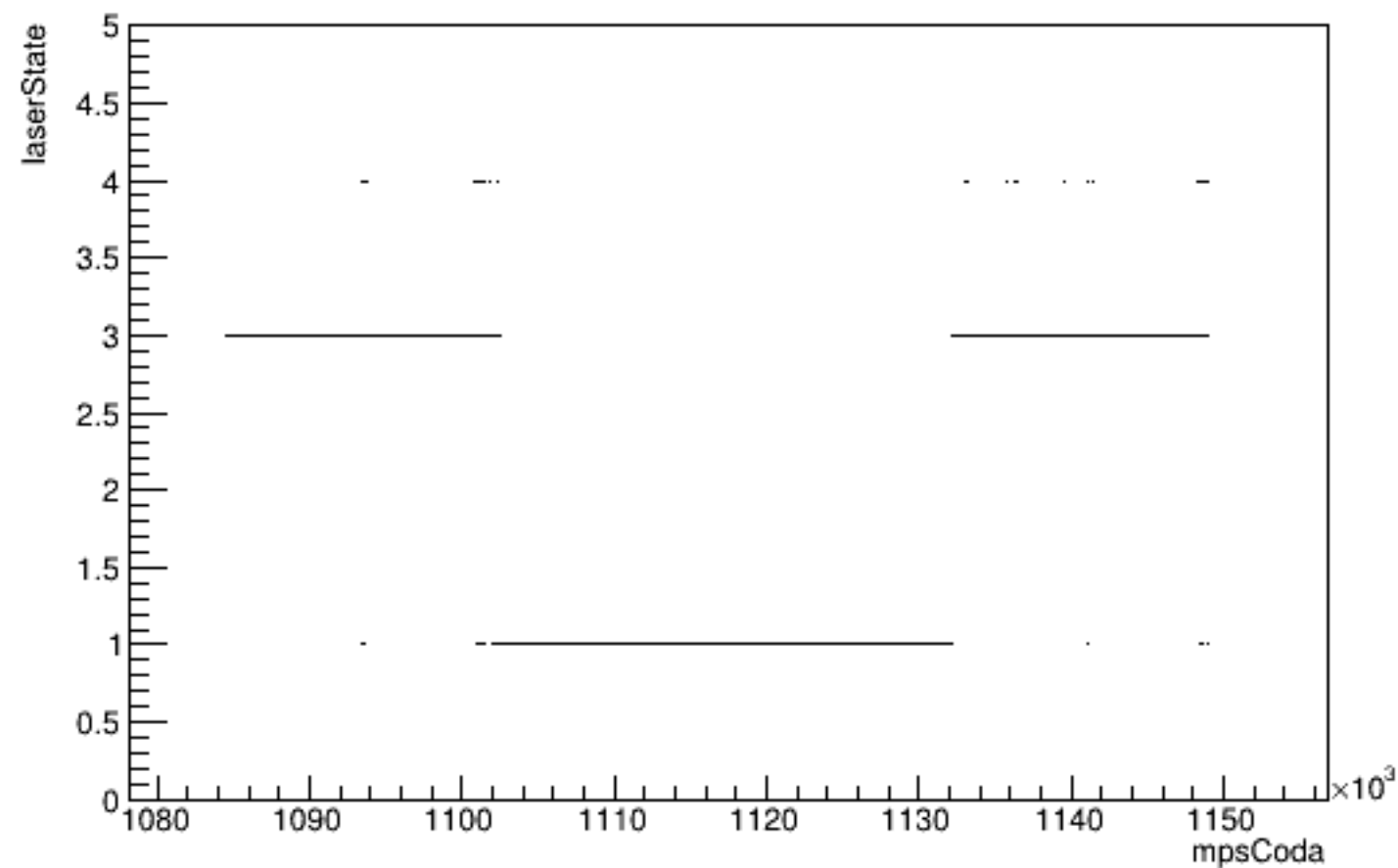
Run 4436 quartetwise, Asyms



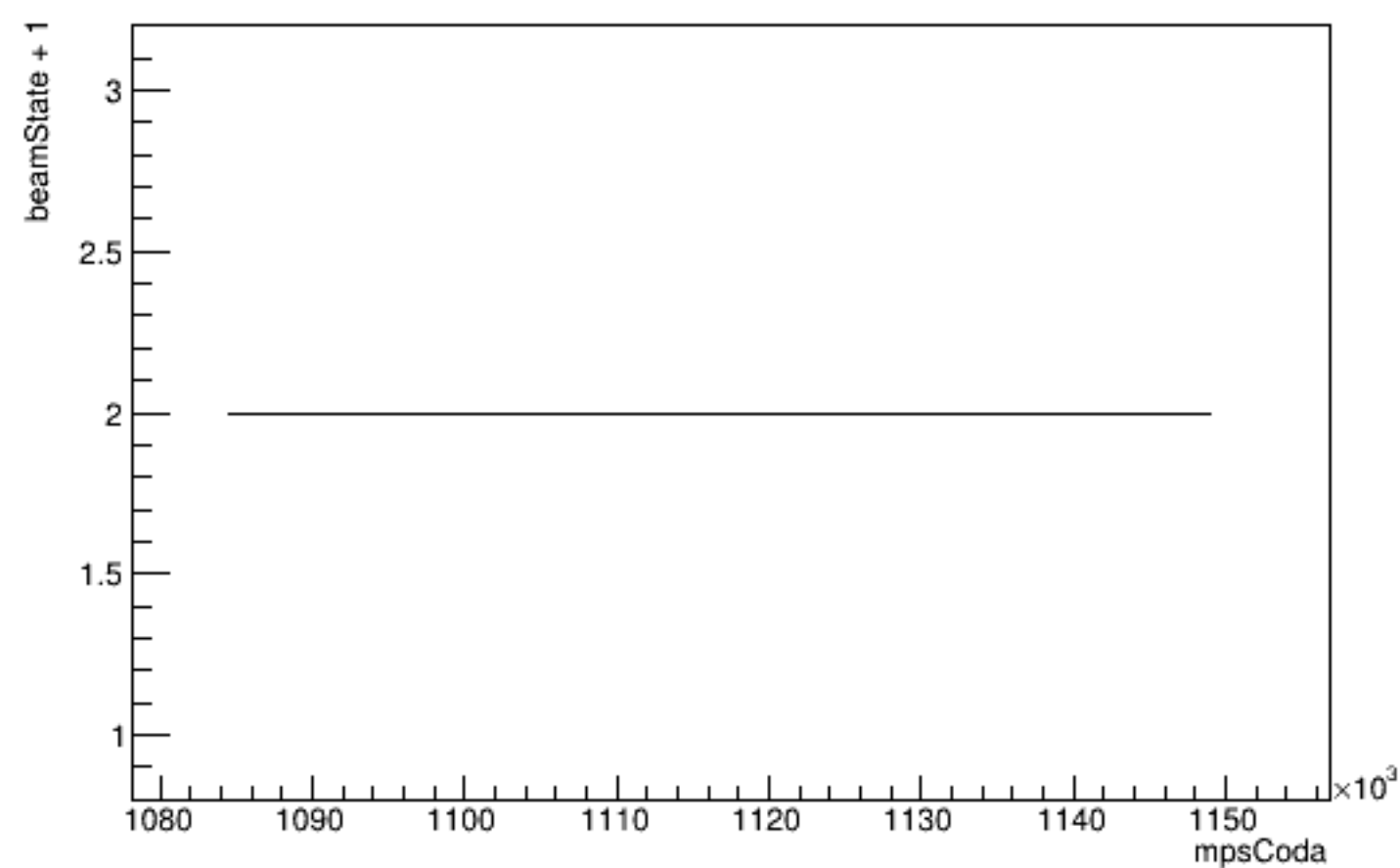
Acc0/NAcc0:mpsCoda (mpsCoda>=1084466 && mpsCoda<=1148985 && beamState==1)



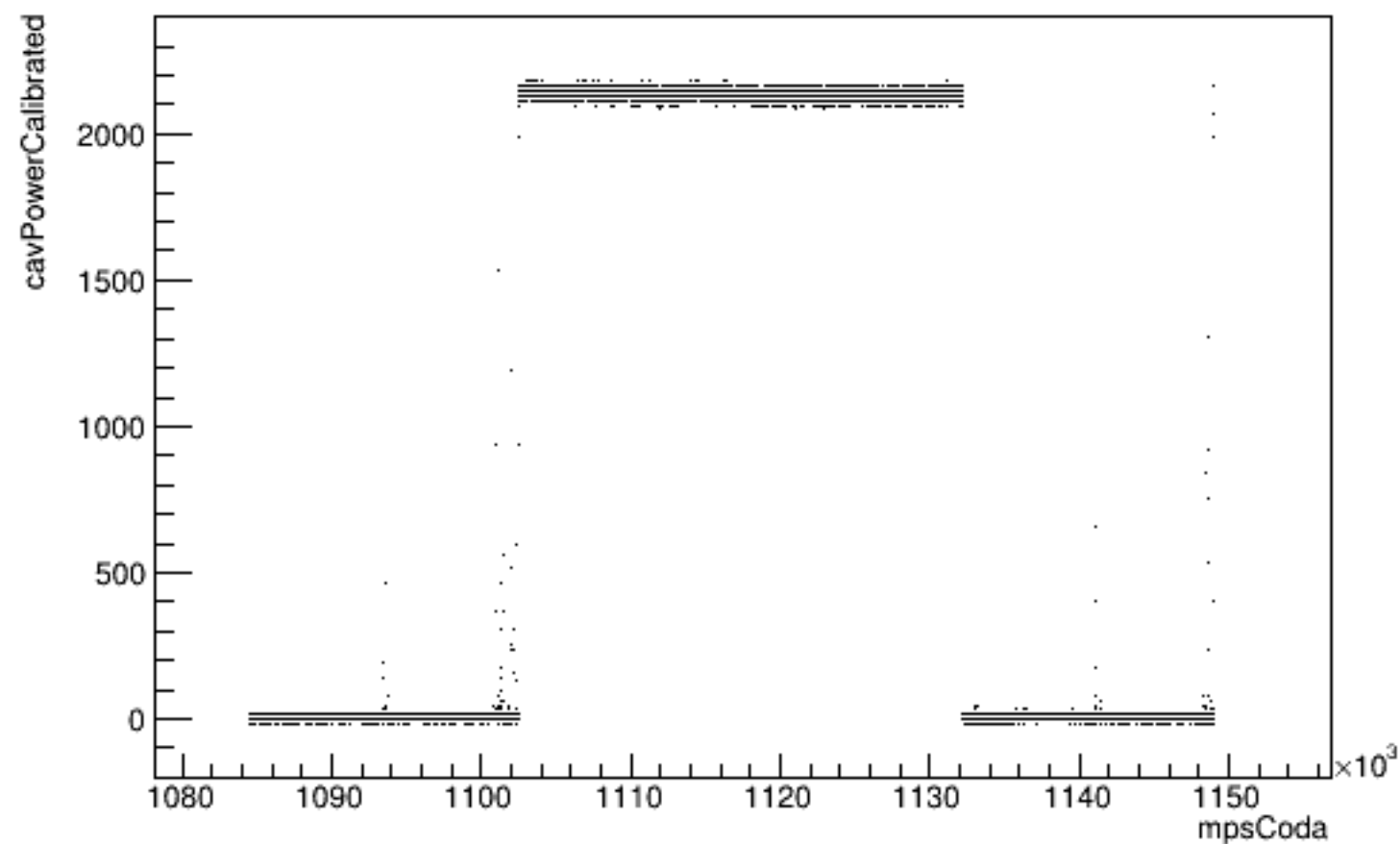
laserState:mpsCoda {mpsCoda>=1084466 && mpsCoda<=1148985}



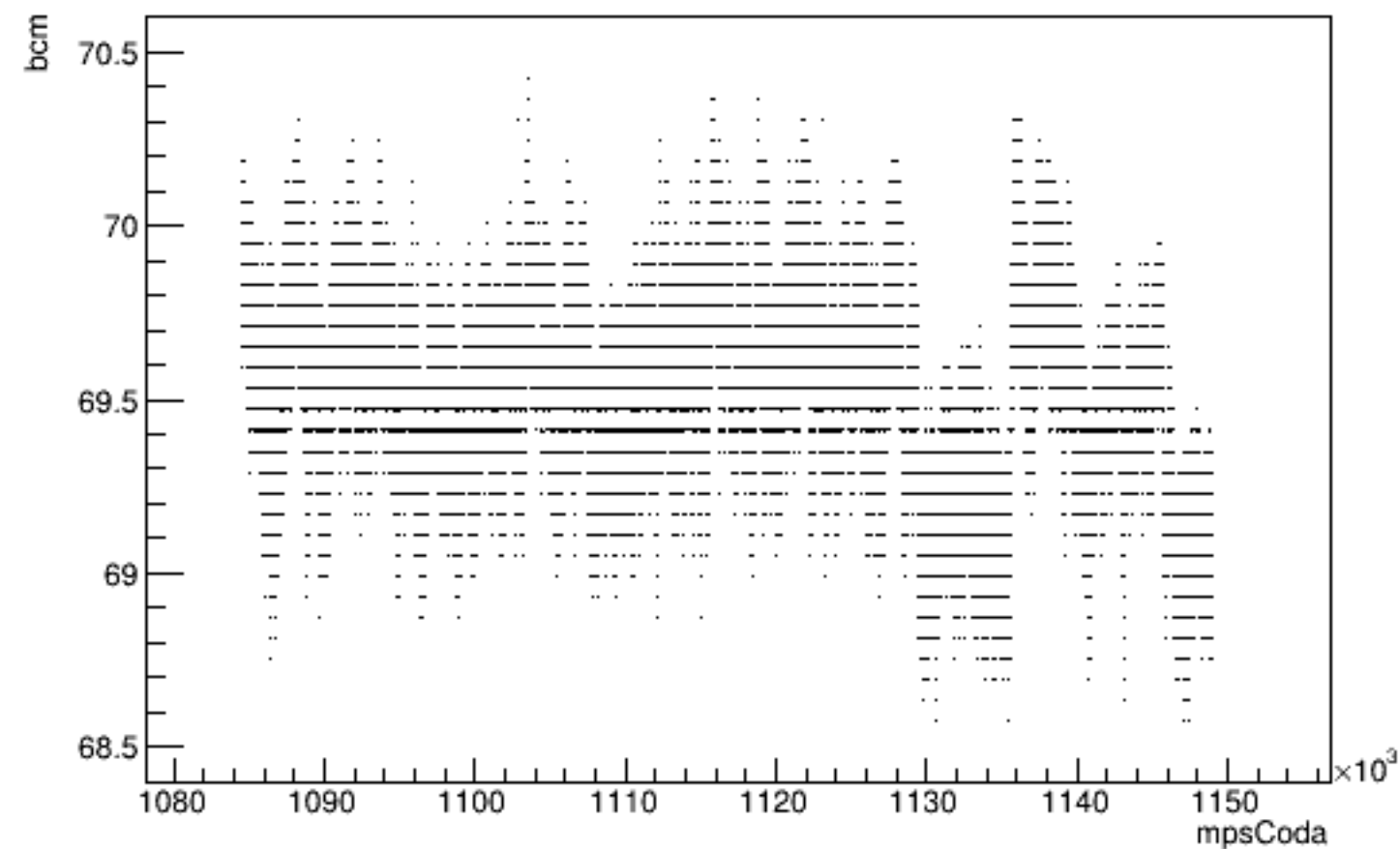
beamState + 1:mpsCoda {mpsCoda>=1084466 && mpsCoda<=1148985}



cavPowerCalibrated:mpsCoda {mpsCoda>=1084466 && mpsCoda<=1148985}



bcm:mpsCoda {mpsCoda>=1084466 && mpsCoda<=1148985}



Cycle 19, Diffs

Entries: 2083

Mean: 0.0385 +/- 0.0083

Std Dev: 0.3772 +/- 0.0058

Entries: 3726

Mean: 0.1480 +/- 0.0069

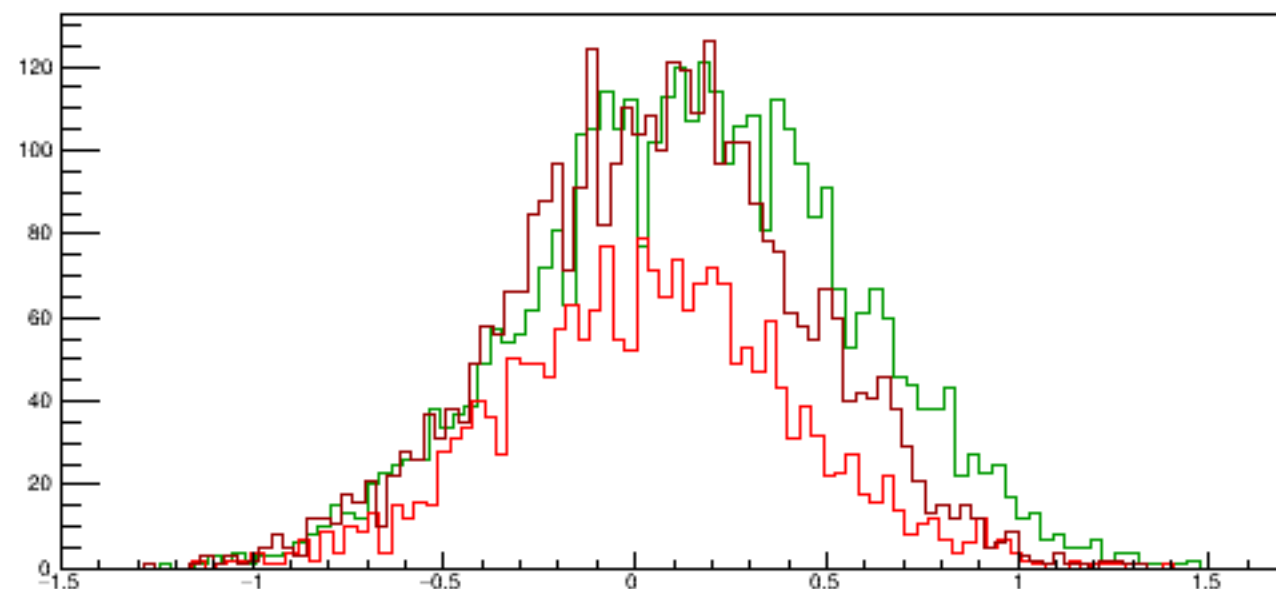
Std Dev: 0.4219 +/- 0.0049

Entries: 3482

Mean: 0.0574 +/- 0.0065

Std Dev: 0.3857 +/- 0.0046

Run 4436 quartetwise, Diffs



Cycle 19, Sums

Entries: 2083

Mean: 17.8111 +/- 0.0103

Std Dev: 0.4720 +/- 0.0073

Entries: 3726

Mean: 23.1595 +/- 0.0097

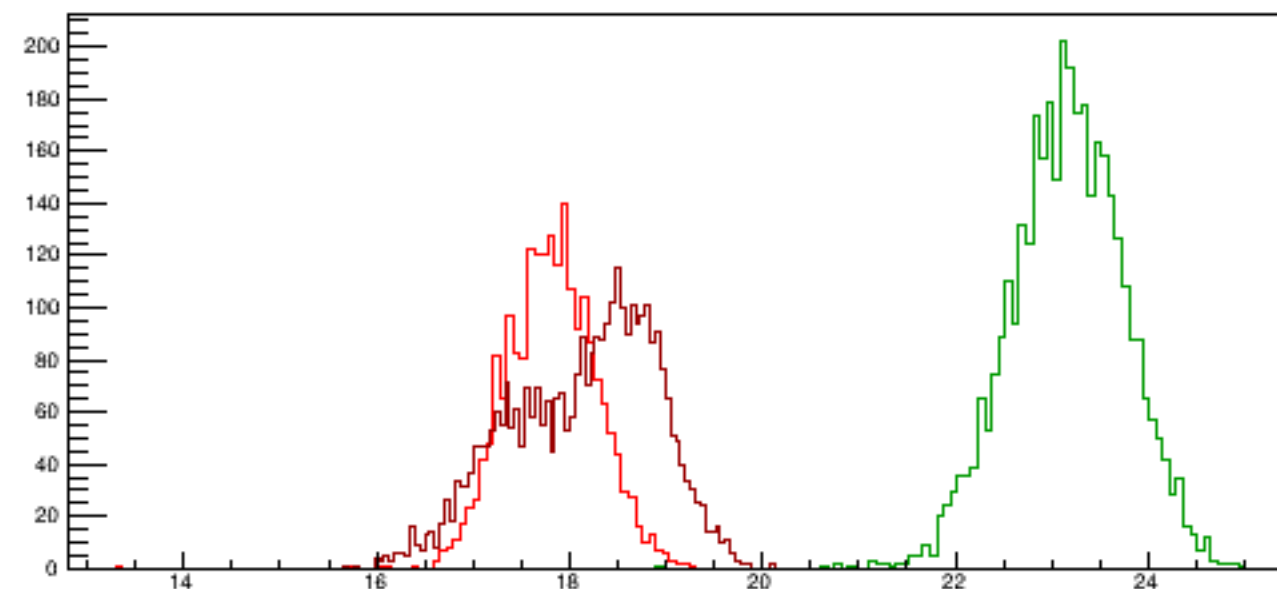
Std Dev: 0.5916 +/- 0.0069

Entries: 3482

Mean: 18.1340 +/- 0.0129

Std Dev: 0.7589 +/- 0.0091

Run 4436 quartetwise, Sums



Cycle 19, Asyms

Entries: 2083

Mean: 0.0074 +/- 0.0016

Std Dev: 0.0727 +/- 0.0011

Entries: 3726

Mean: 0.0293 +/- 0.0014

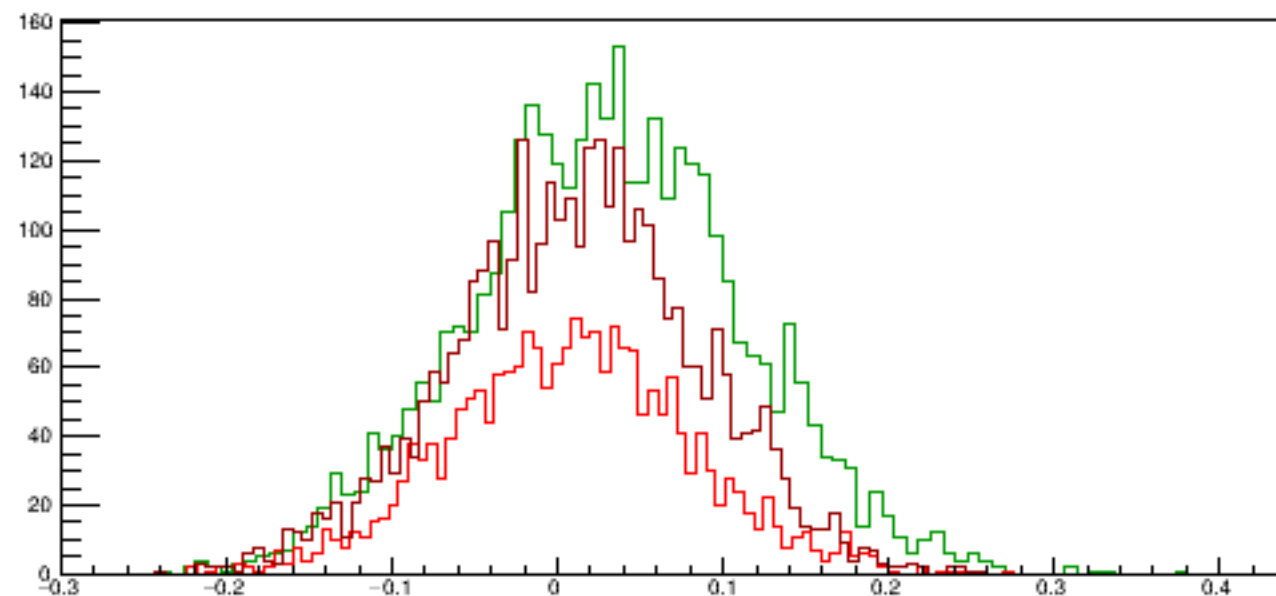
Std Dev: 0.0829 +/- 0.0010

Entries: 3482

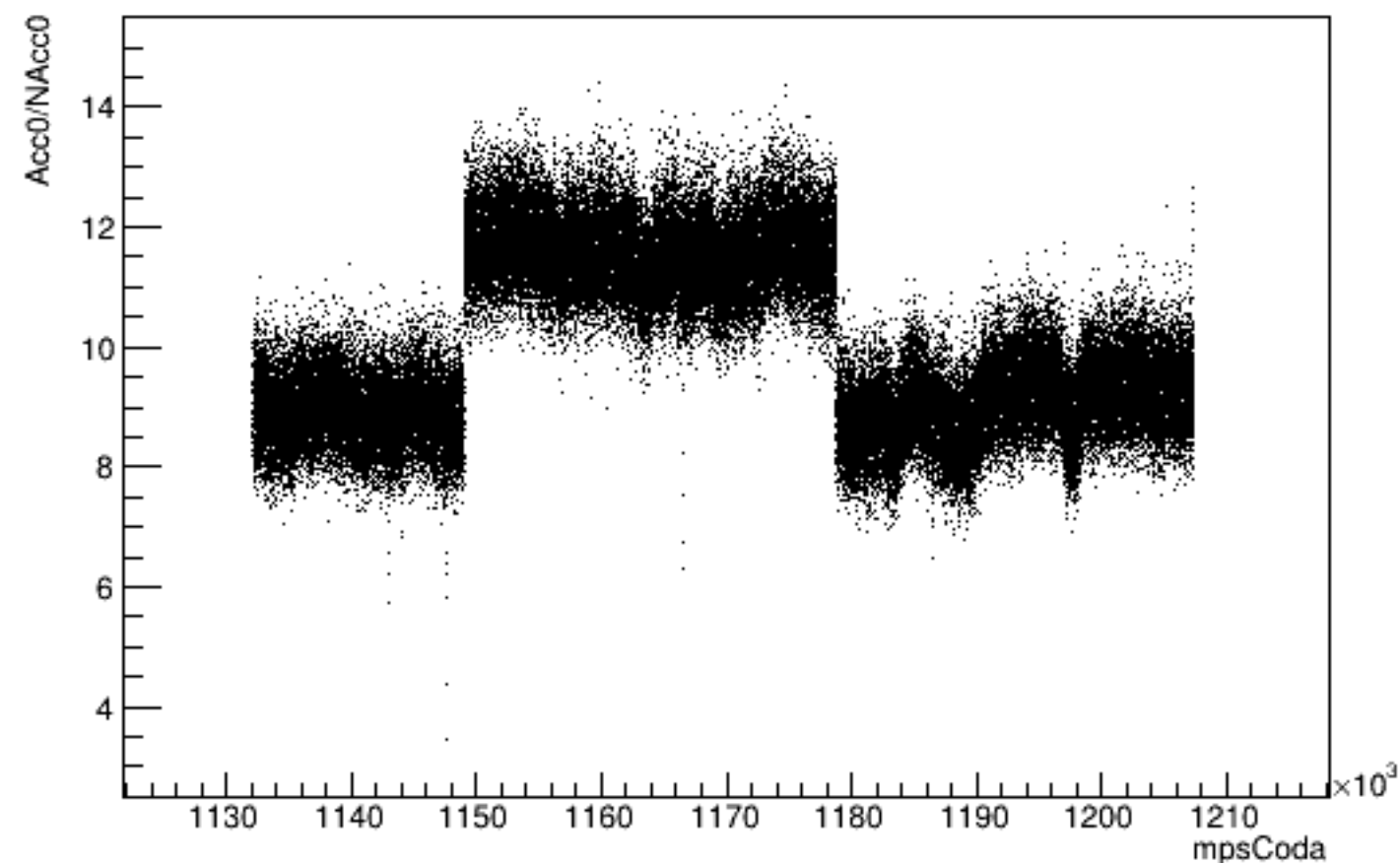
Mean: 0.0111 +/- 0.0013

Std Dev: 0.0744 +/- 0.0009

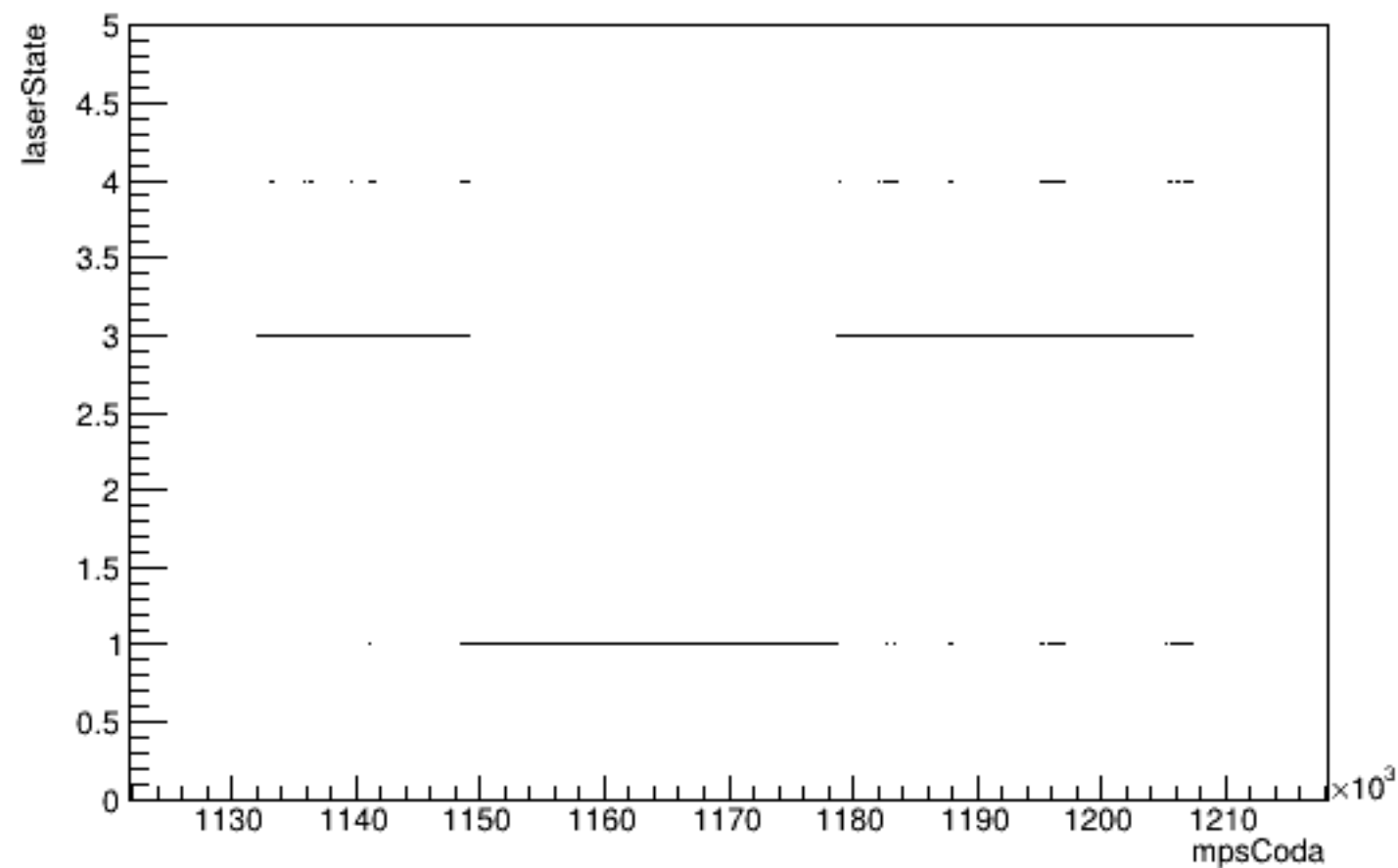
Run 4436 quartetwise, Asyms



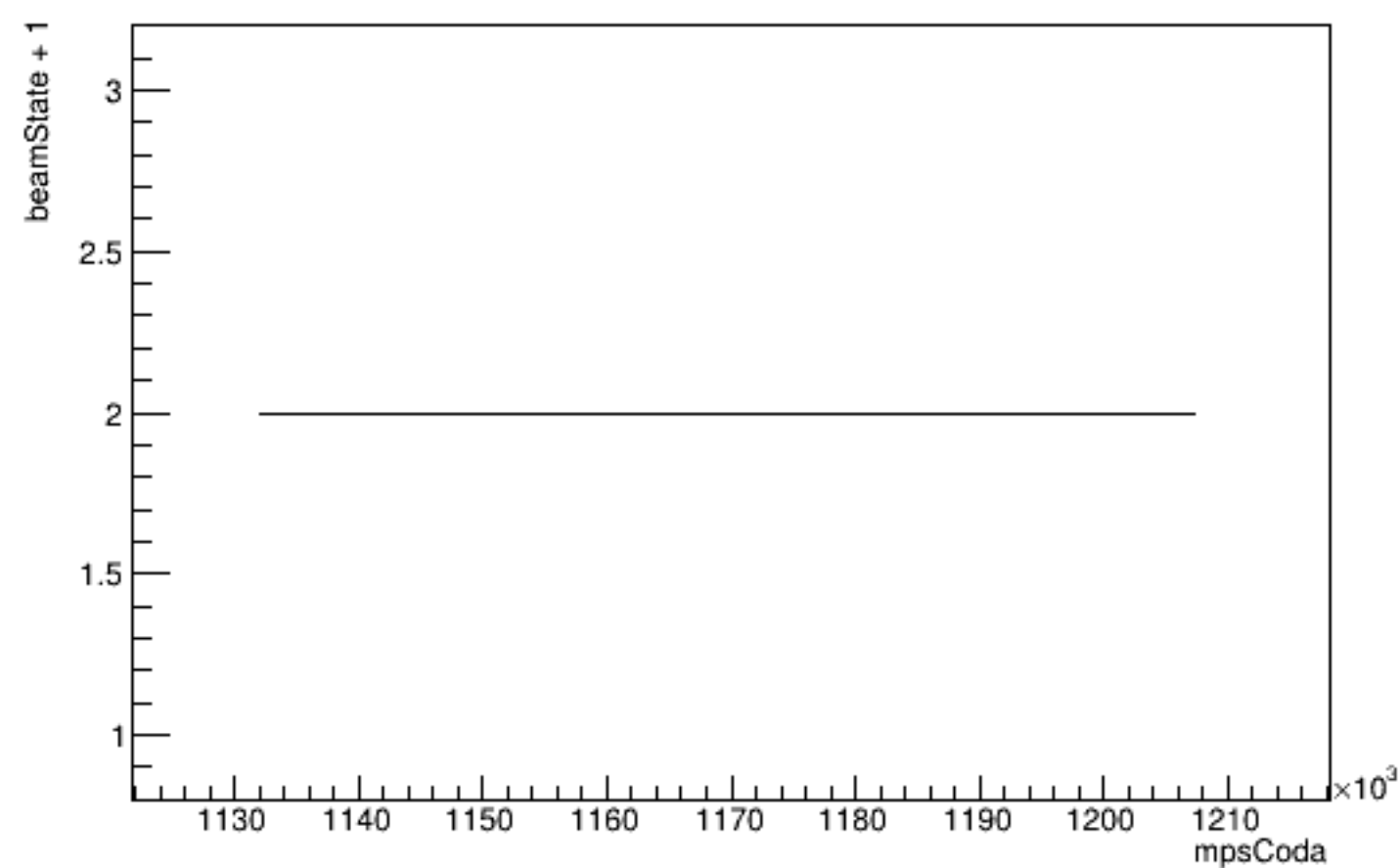
Acc0/NAcc0:mpsCoda (mpsCoda>=1132114 && mpsCoda<=1207417 && beamState==1)



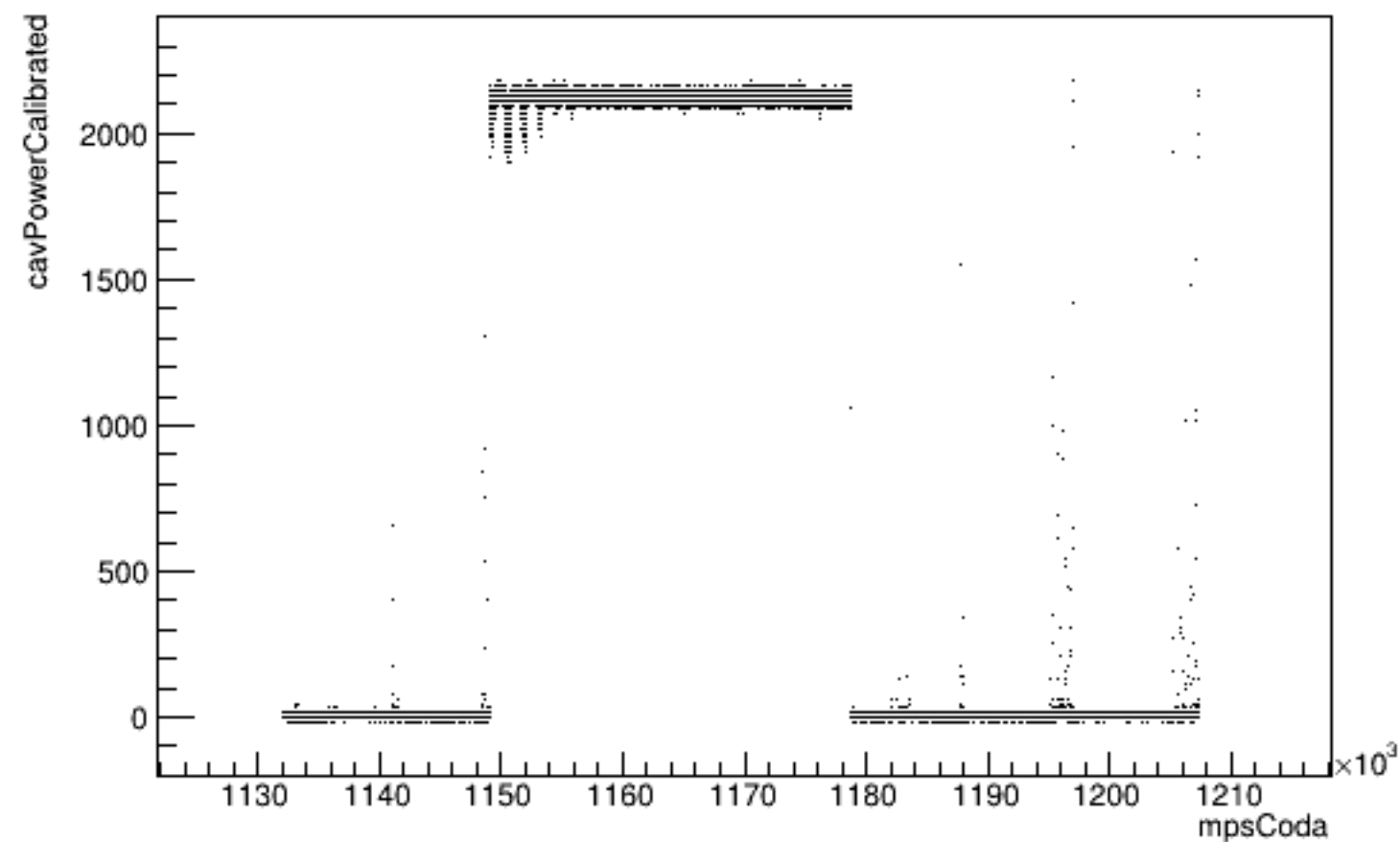
laserState:mpsCoda {mpsCoda>=1132114 && mpsCoda<=1207417}



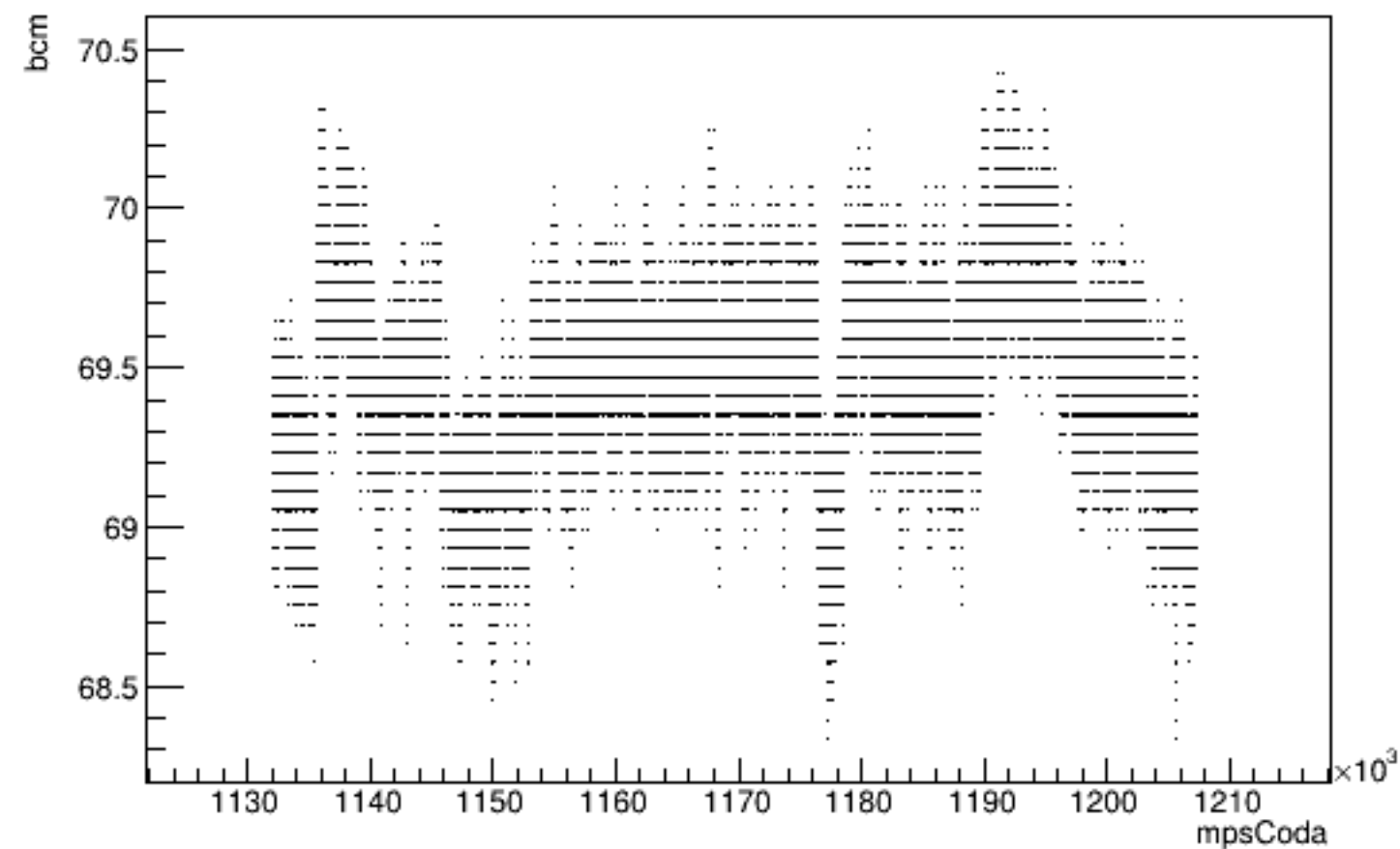
beamState + 1:mpsCoda {mpsCoda>=1132114 && mpsCoda<=1207417}



cavPowerCalibrated:mpsCoda {mpsCoda>=1132114 && mpsCoda<=1207417}



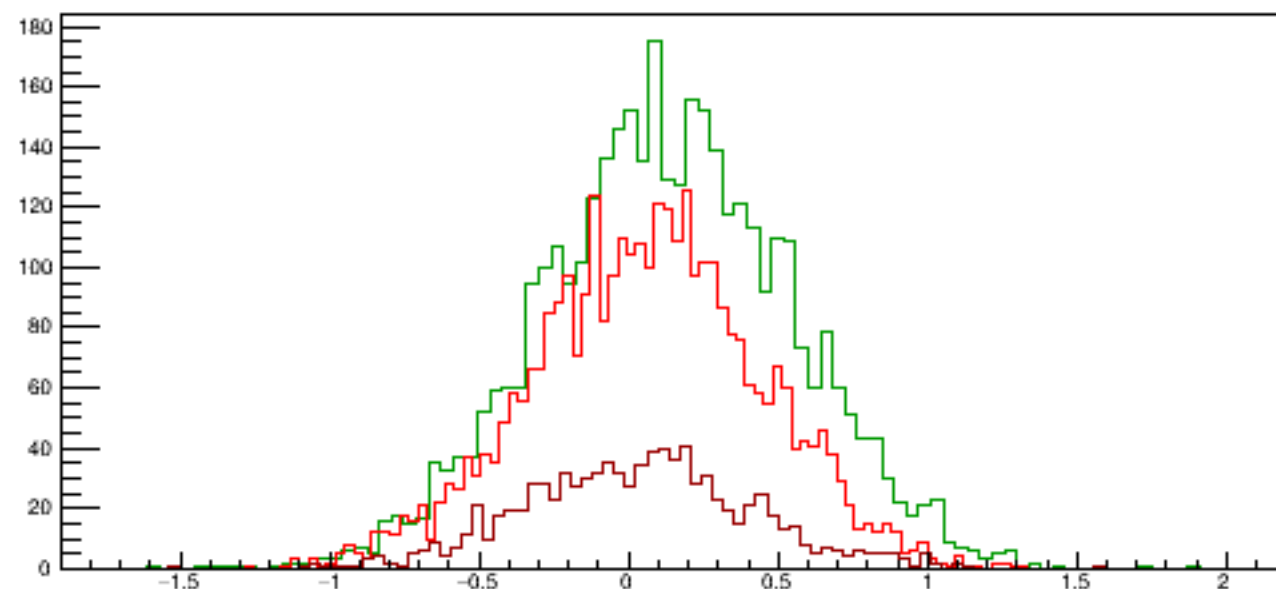
bcm:mpsCoda {mpsCoda>=1132114 && mpsCoda<=1207417}



Cycle 20, Diffs

Entries: 3482	Entries: 3773	Entries: 904
Mean: 0.0574 +/- 0.0065	Mean: 0.1287 +/- 0.0068	Mean: 0.0292 +/- 0.0129
Std Dev: 0.3857 +/- 0.0046	Std Dev: 0.4199 +/- 0.0048	Std Dev: 0.3866 +/- 0.0091

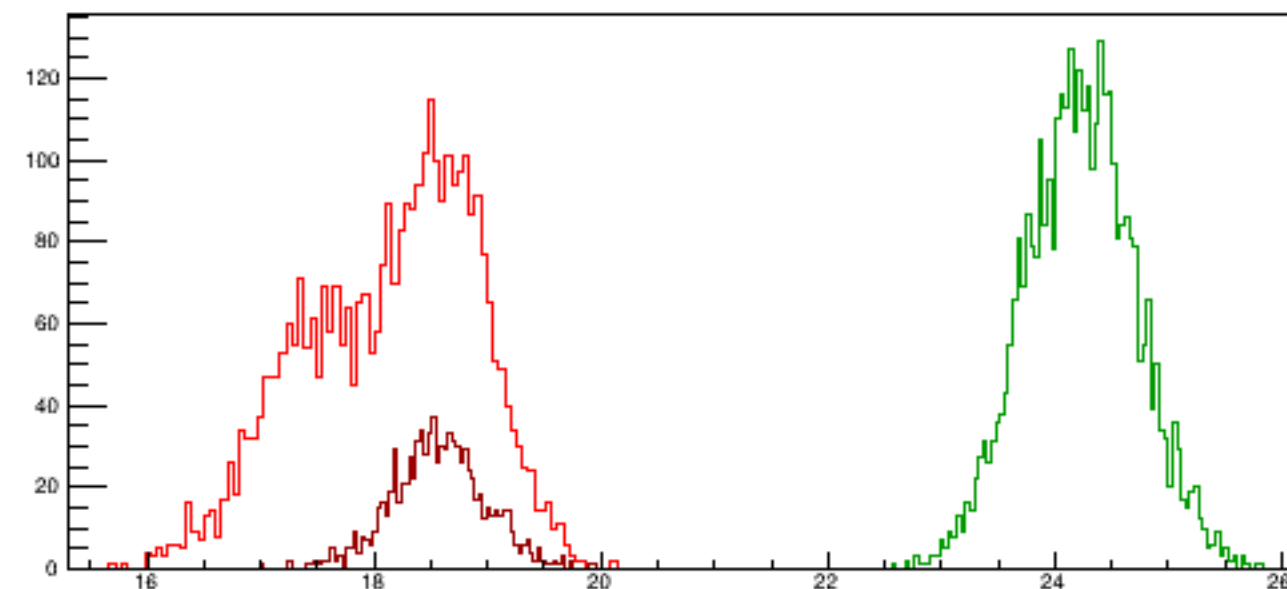
Run 4436 quartetwise, Diffs



Cycle 20, Sums

Entries: 3482	Entries: 3773	Entries: 904
Mean: 18.1340 +/- 0.0129	Mean: 24.2258 +/- 0.0079	Mean: 18.5708 +/- 0.0139
Std Dev: 0.7589 +/- 0.0091	Std Dev: 0.4851 +/- 0.0056	Std Dev: 0.4165 +/- 0.0098

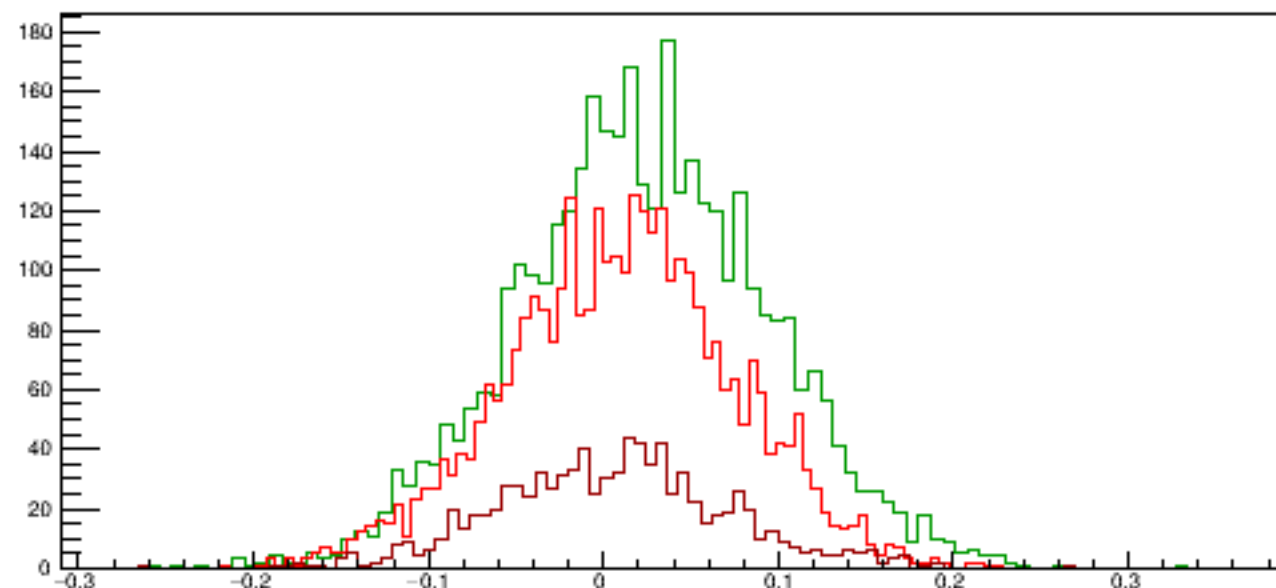
Run 4436 quartetwise, Sums



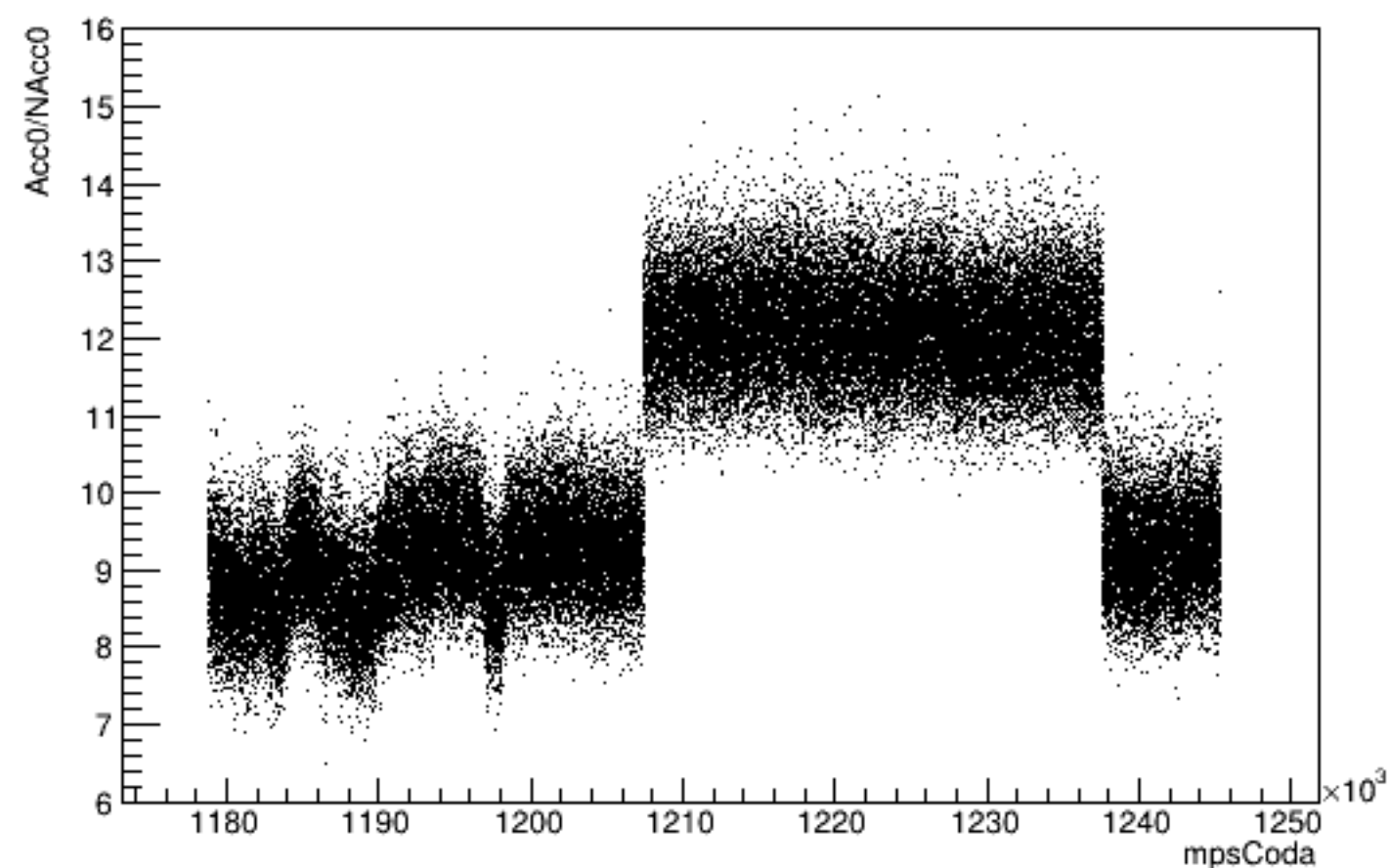
Cycle 20, Asyms

Entries: 3482	Entries: 3773	Entries: 904
Mean: 0.0098 +/- 0.0011	Mean: 0.0222 +/- 0.0012	Mean: 0.0050 +/- 0.0022
Std Dev: 0.0657 +/- 0.0008	Std Dev: 0.0721 +/- 0.0008	Std Dev: 0.0658 +/- 0.0015

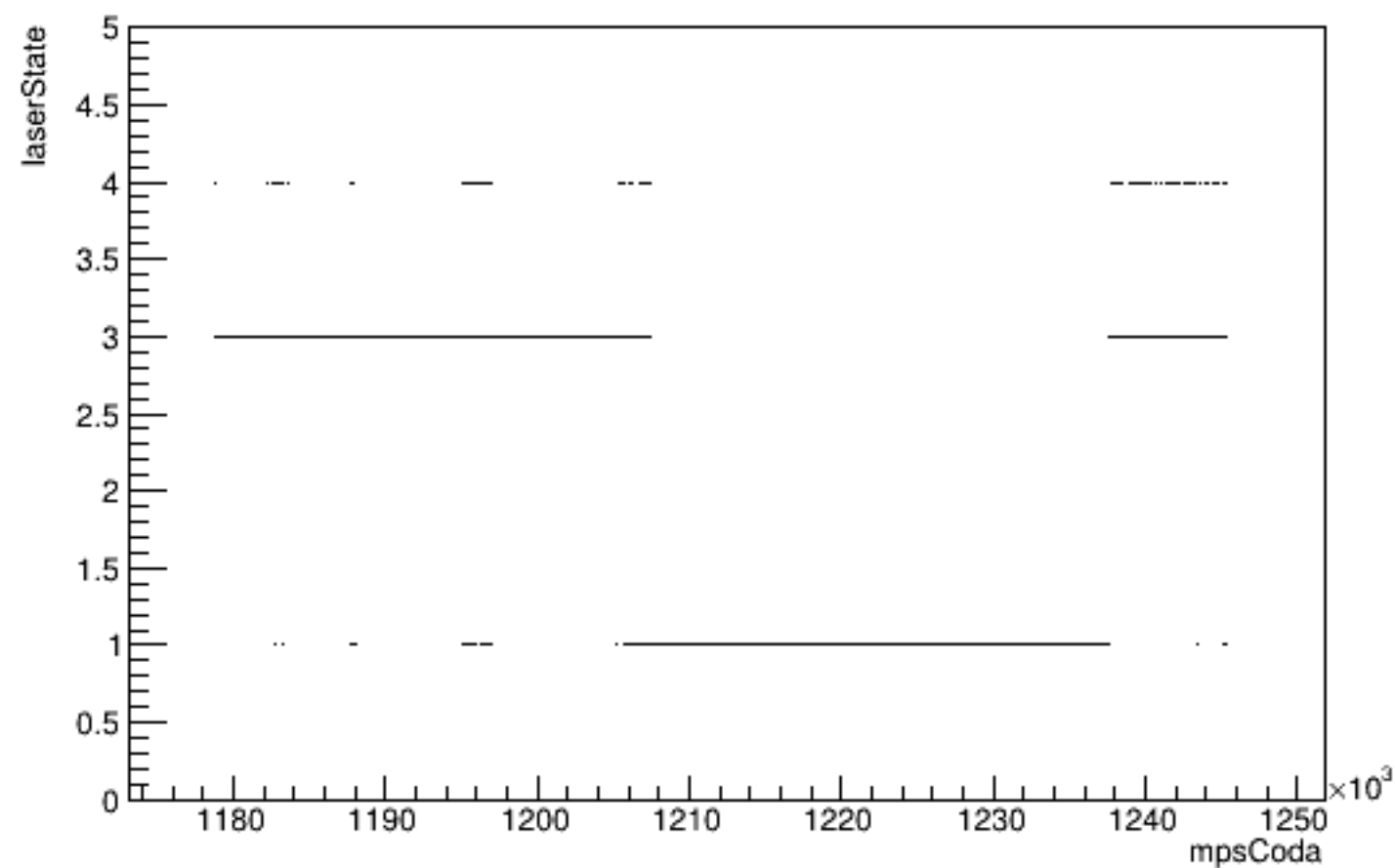
Run 4436 quartetwise, Asyms



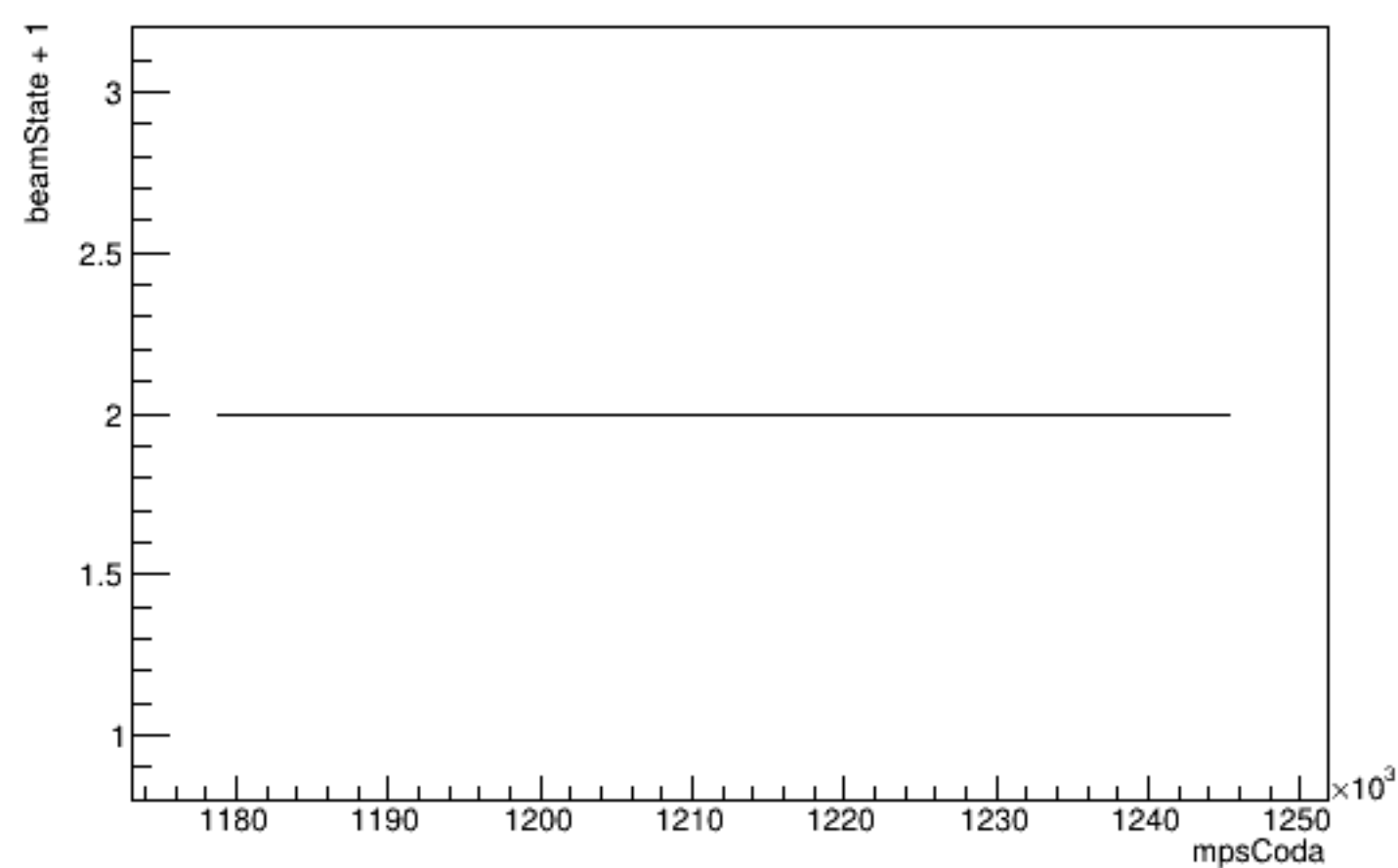
Acc0/NAcc0:mpsCoda (mpsCoda>=1178802 && mpsCoda<=1245361 && beamState==1)



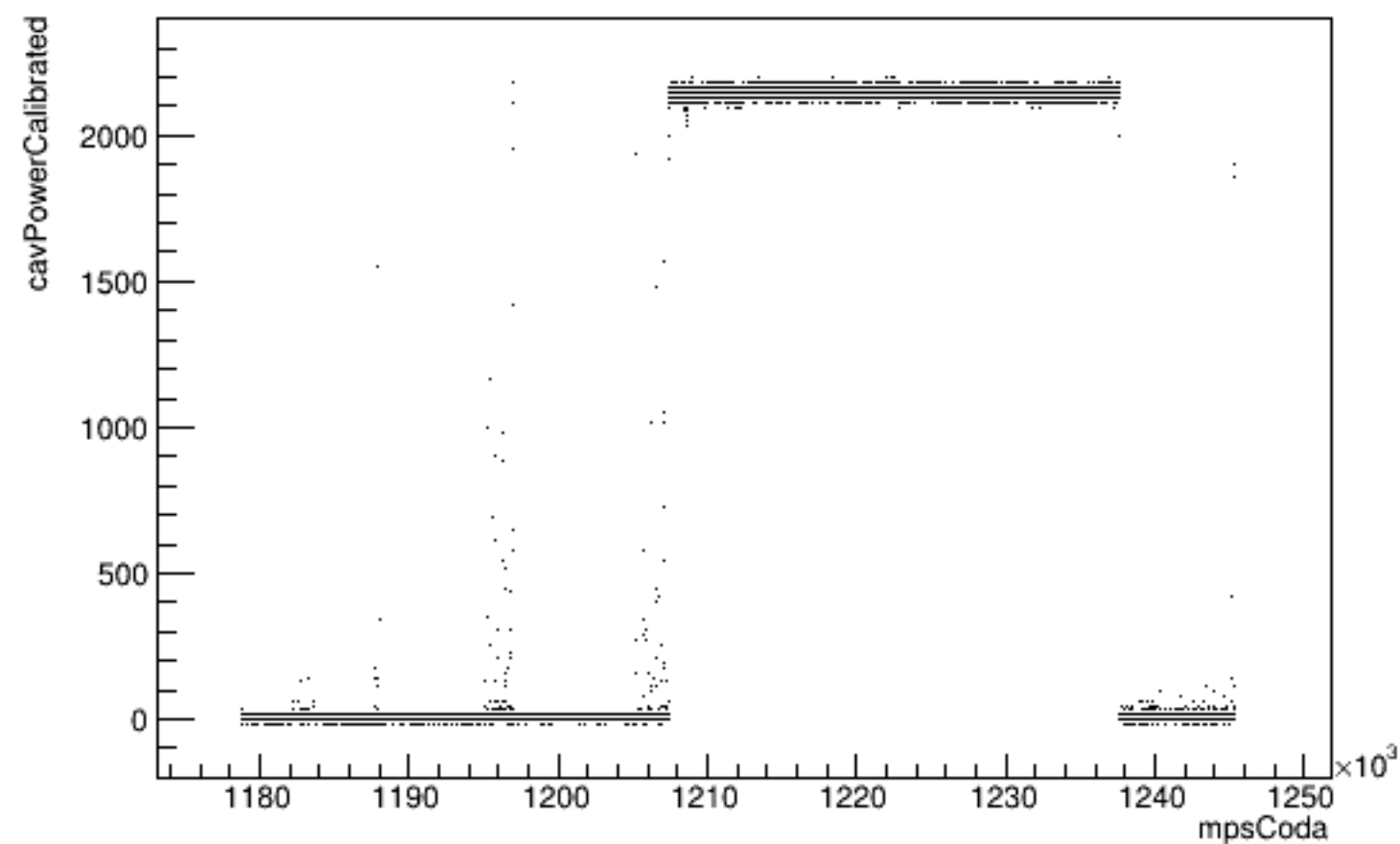
laserState:mpsCoda {mpsCoda>=1178802 && mpsCoda<=1245361}



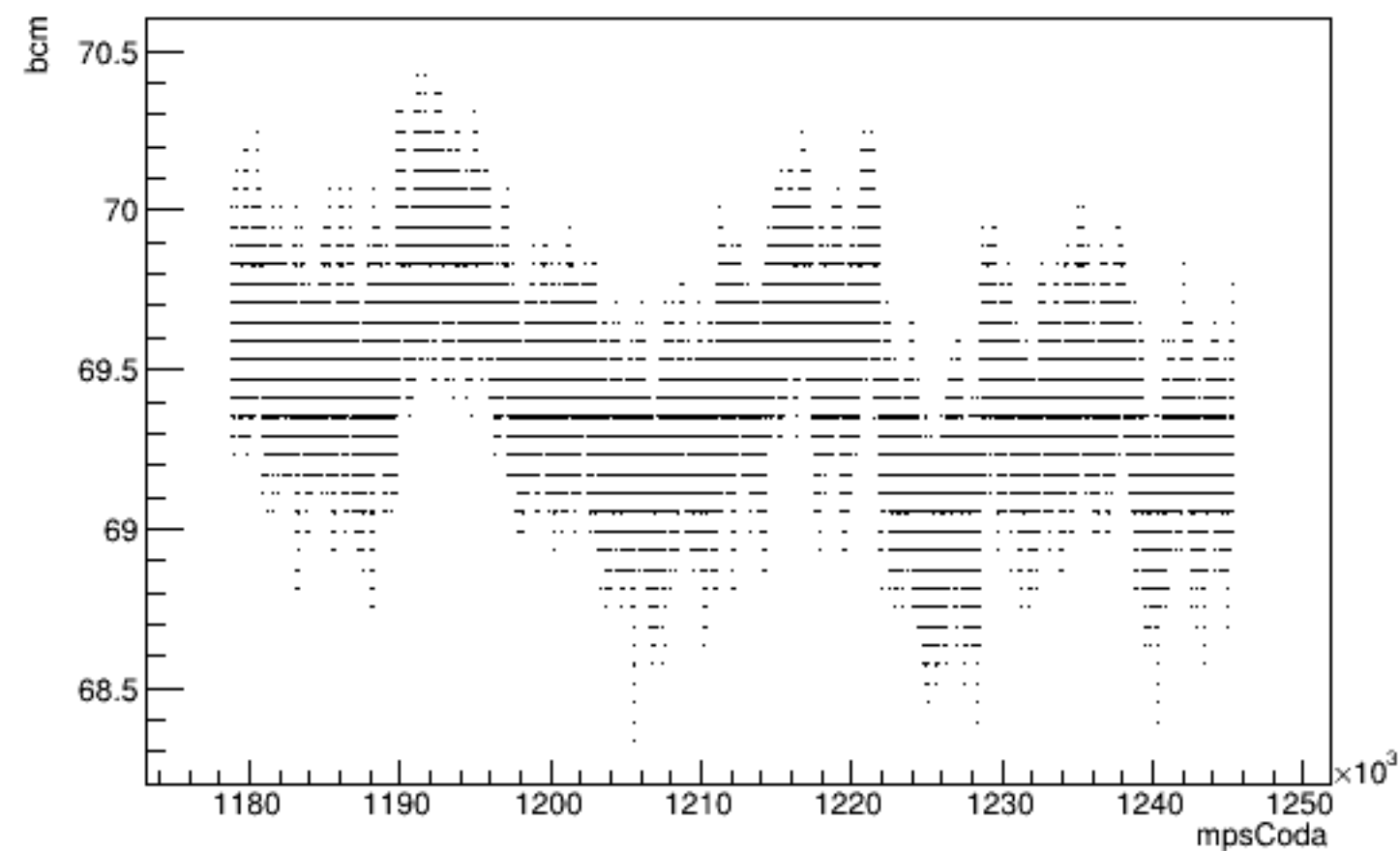
beamState + 1:mpsCoda {mpsCoda>=1178802 && mpsCoda<=1245361}



cavPowerCalibrated:mpsCoda {mpsCoda>=1178802 && mpsCoda<=1245361}



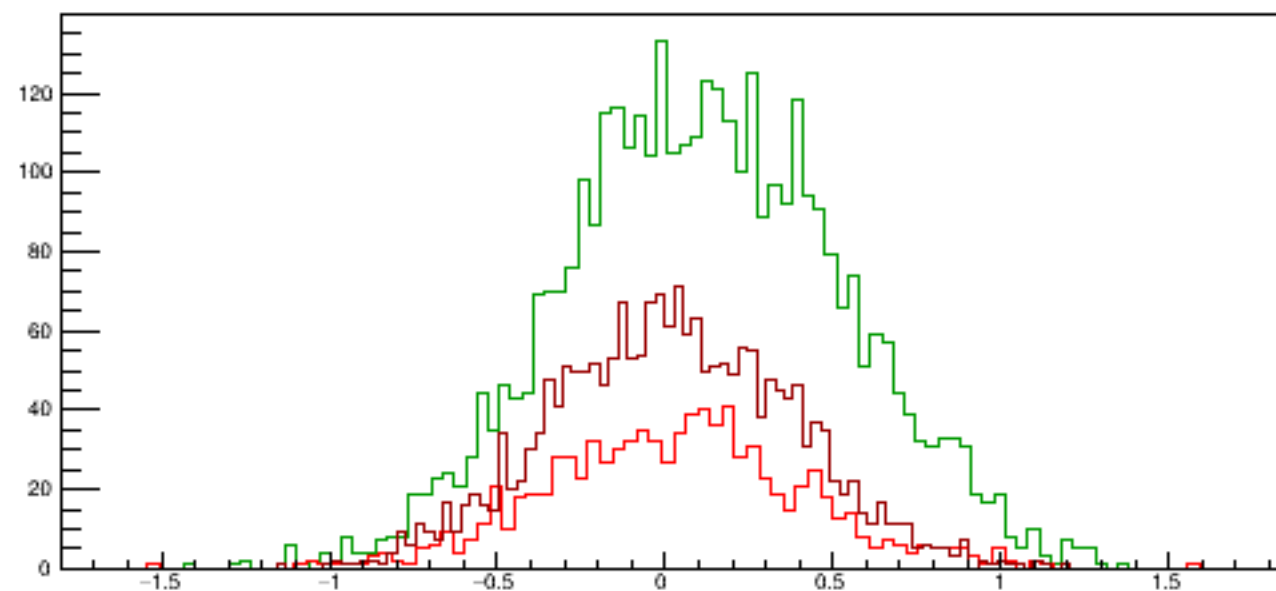
bcm:mpsCoda {mpsCoda>=1178802 && mpsCoda<=1245361}



Cycle 21, Diffs

Entries: 904	Entries: 3774	Entries: 2060
Mean: 0.0292 +/- 0.0129	Mean: 0.1141 +/- 0.0068	Mean: 0.0187 +/- 0.0079
Std Dev: 0.3866 +/- 0.0091	Std Dev: 0.4165 +/- 0.0048	Std Dev: 0.3564 +/- 0.0056

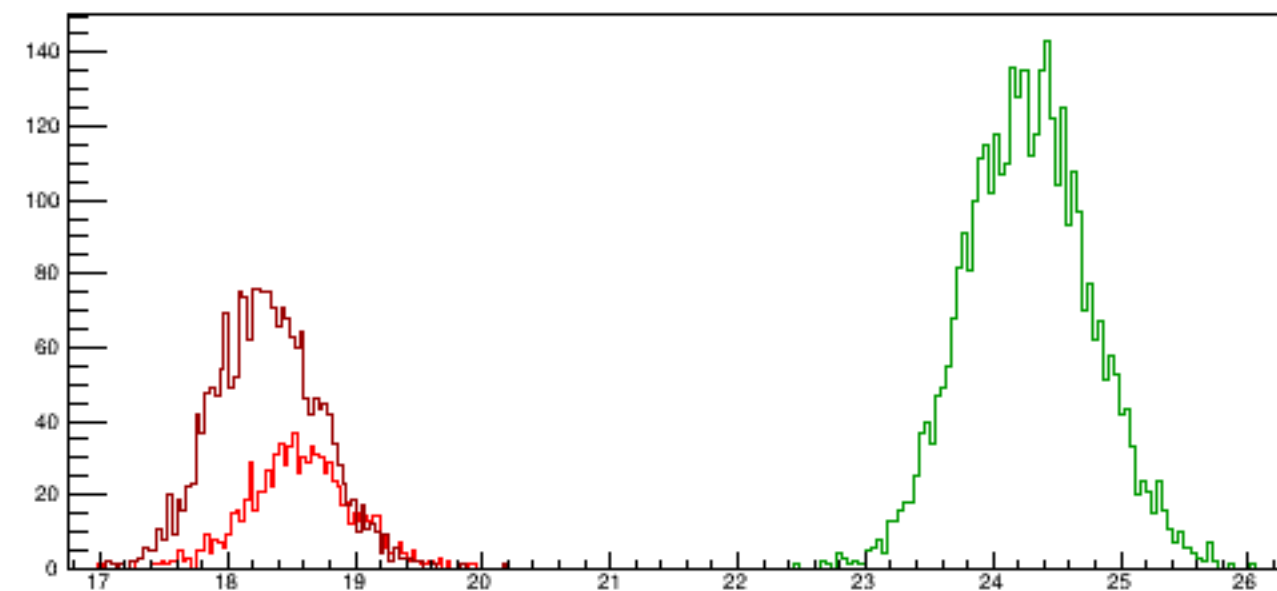
Run 4436 quartetwise, Diffs



Cycle 21, Sums

Entries: 904	Entries: 3774	Entries: 2060
Mean: 18.5708 +/- 0.0139	Mean: 24.2744 +/- 0.0081	Mean: 18.3105 +/- 0.0090
Std Dev: 0.4165 +/- 0.0098	Std Dev: 0.4950 +/- 0.0057	Std Dev: 0.4094 +/- 0.0064

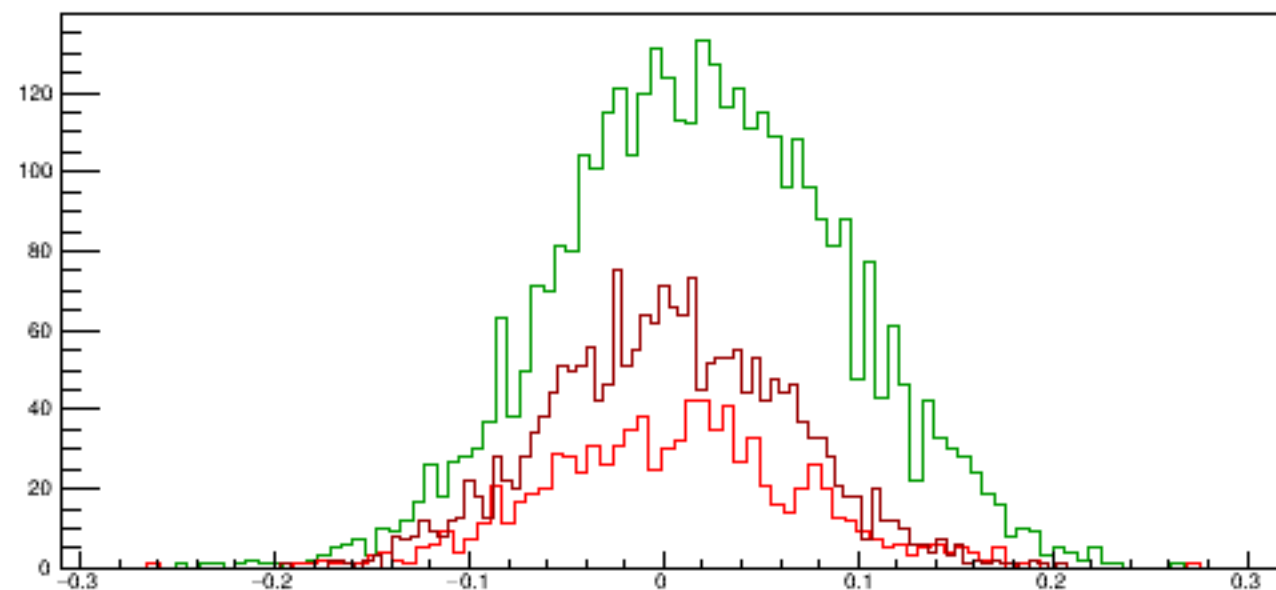
Run 4436 quartetwise, Sums



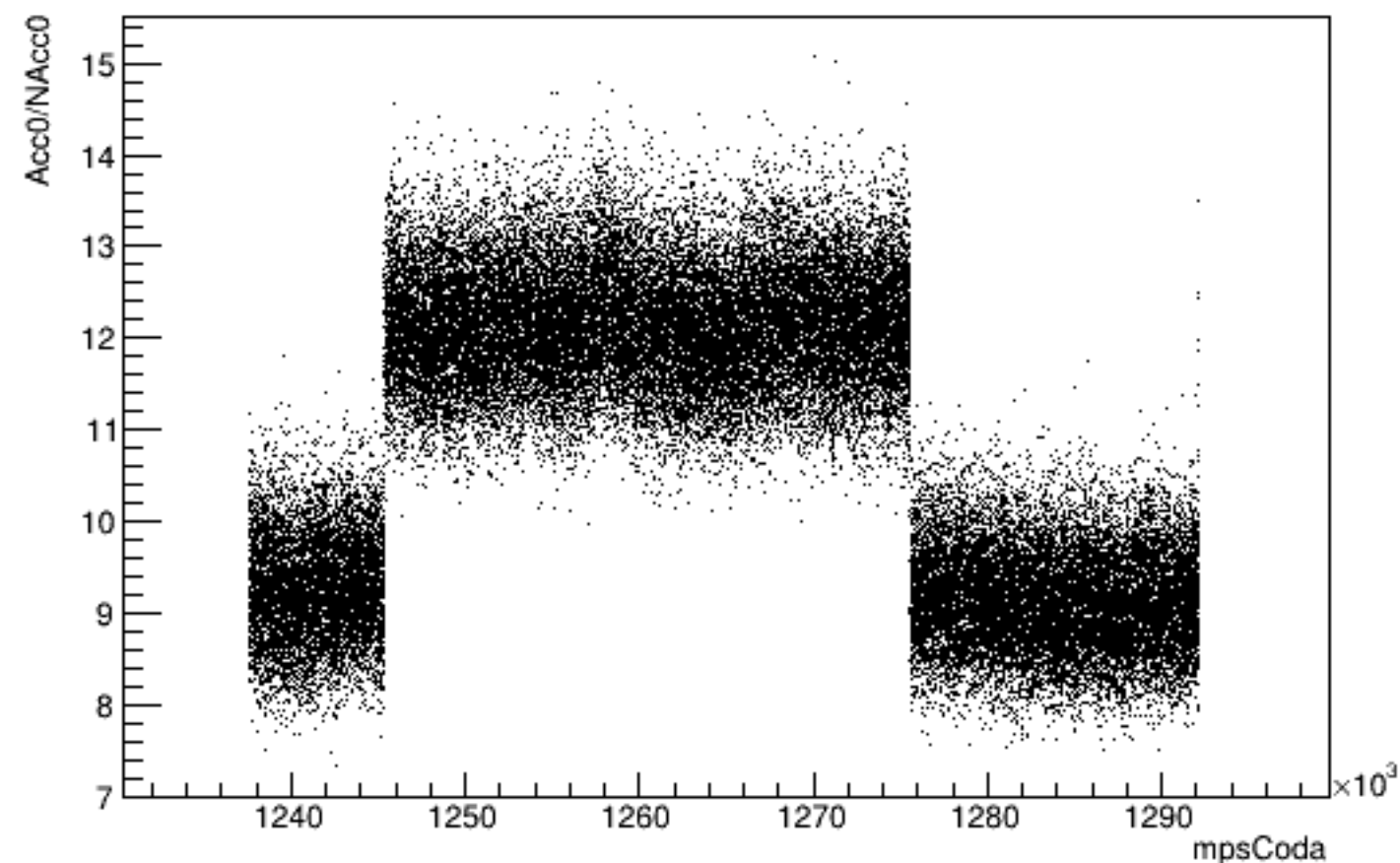
Cycle 21, Asyms

Entries: 904	Entries: 3774	Entries: 2060
Mean: 0.0050 +/- 0.0022	Mean: 0.0196 +/- 0.0012	Mean: 0.0032 +/- 0.0013
Std Dev: 0.0663 +/- 0.0016	Std Dev: 0.0719 +/- 0.0008	Std Dev: 0.0611 +/- 0.0010

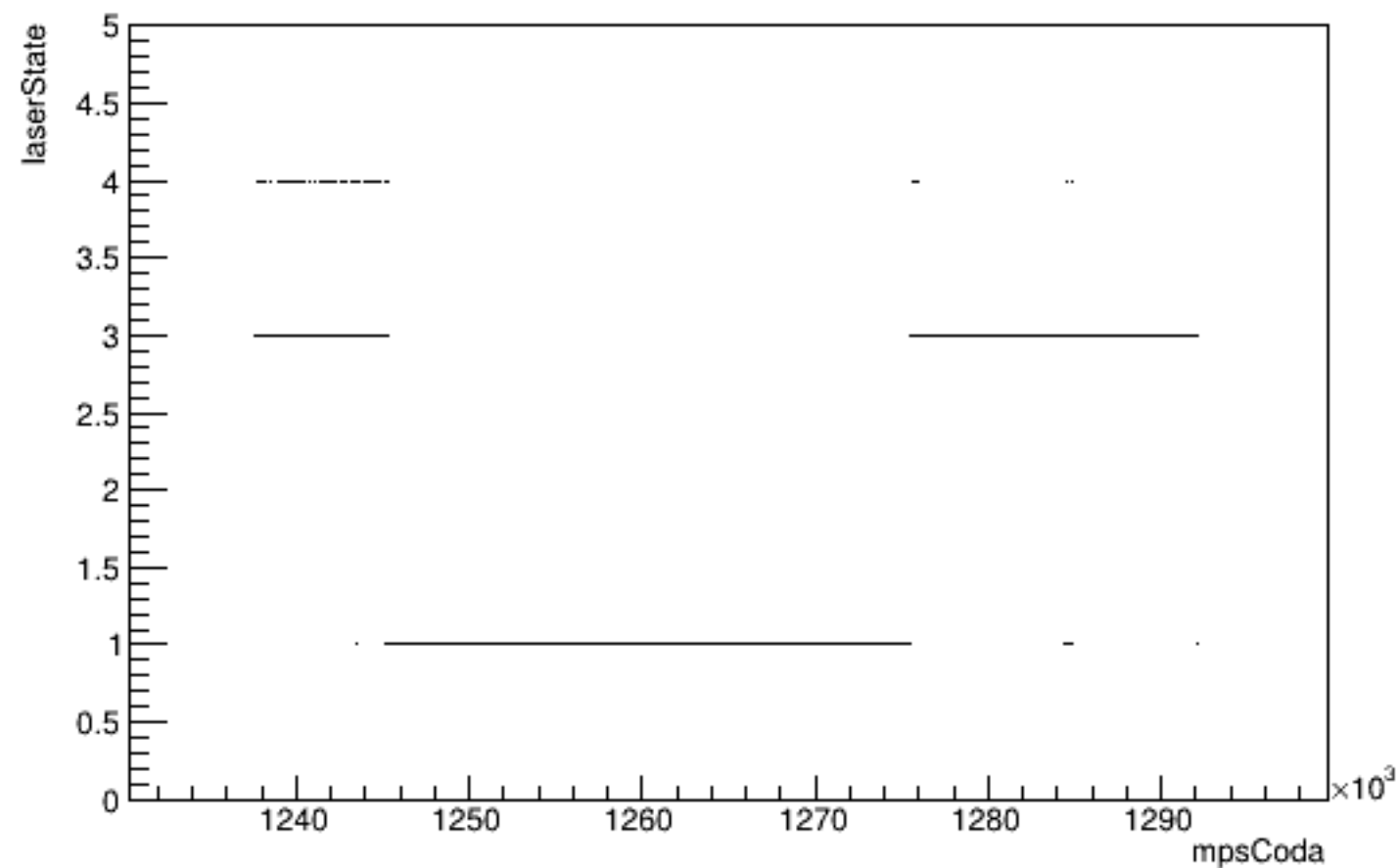
Run 4436 quartetwise, Asyms



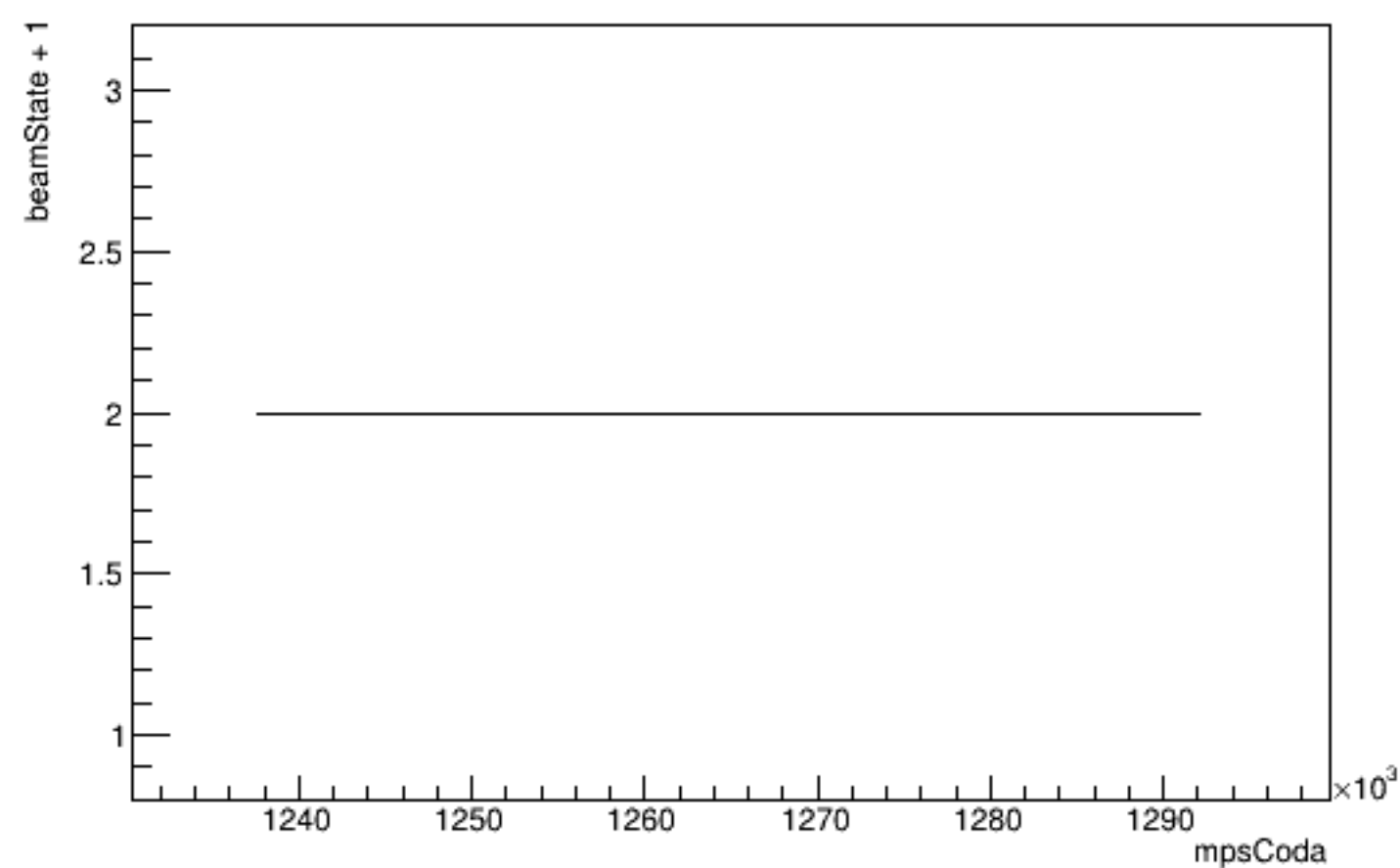
Acc0/NAcc0:mpsCoda (mpsCoda>=1237610 && mpsCoda<=1292121 && beamState==1)



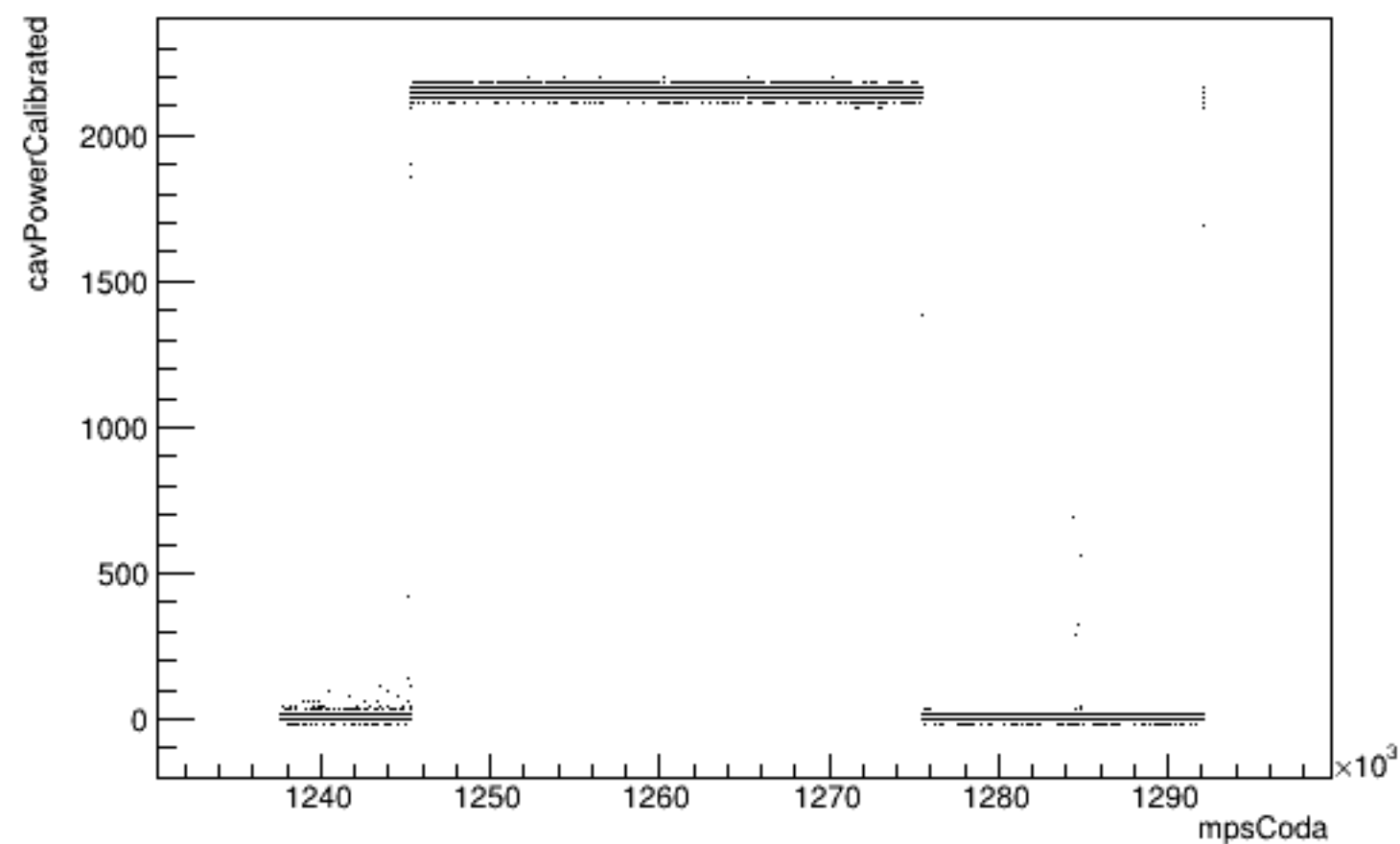
laserState:mpsCoda {mpsCoda>=1237610 && mpsCoda<=1292121}



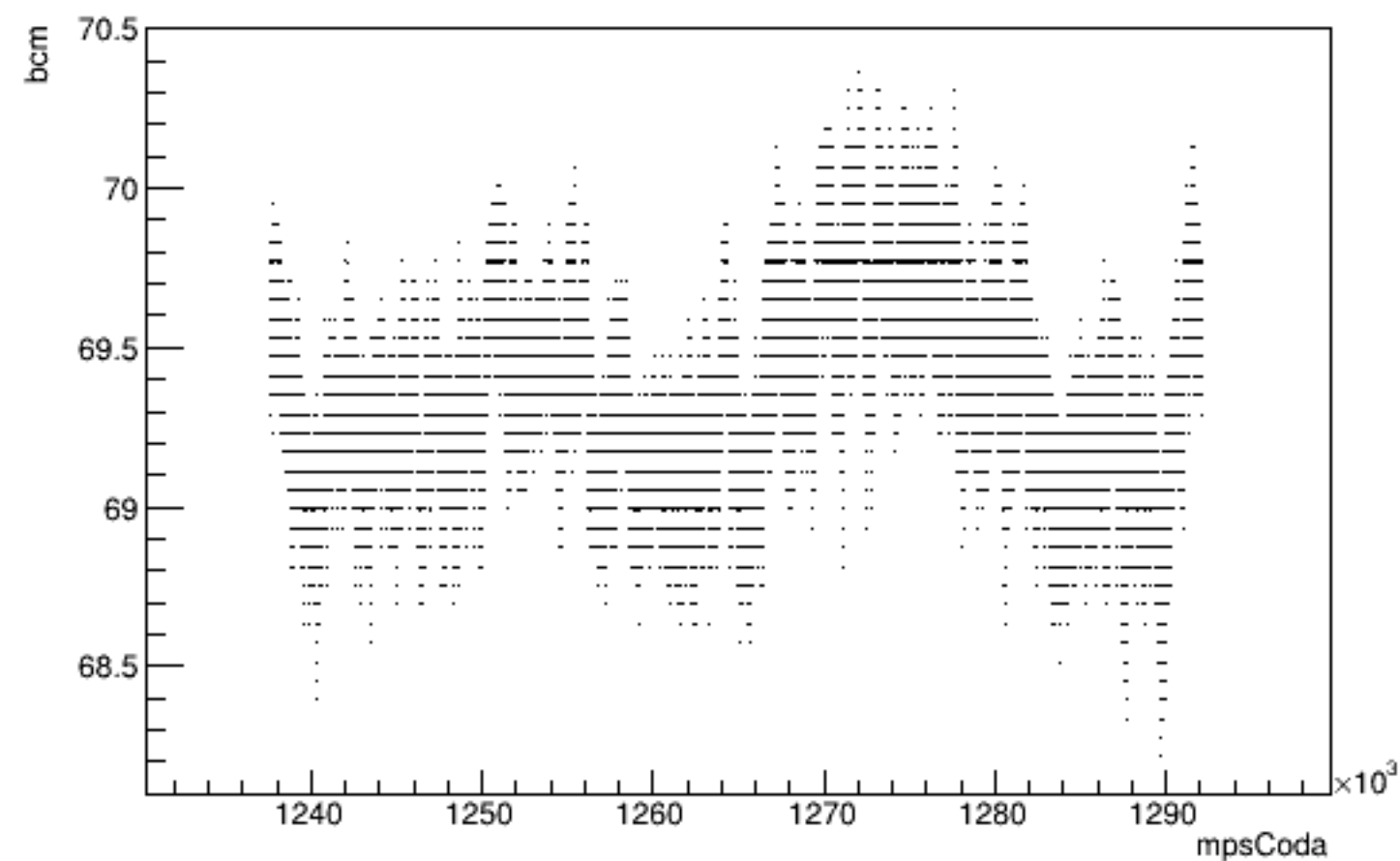
beamState + 1:mpsCoda {mpsCoda>=1237610 && mpsCoda<=1292121}



cavPowerCalibrated:mpsCoda {mpsCoda>=1237610 && mpsCoda<=1292121}



bcm:mpsCoda {mpsCoda>=1237610 && mpsCoda<=1292121}



Cycle 22, Diffs

Entries: 2060

Mean: 0.0187 +/- 0.0079

Std Dev: 0.3564 +/- 0.0056

Entries: 2311

Mean: 0.0788 +/- 0.0083

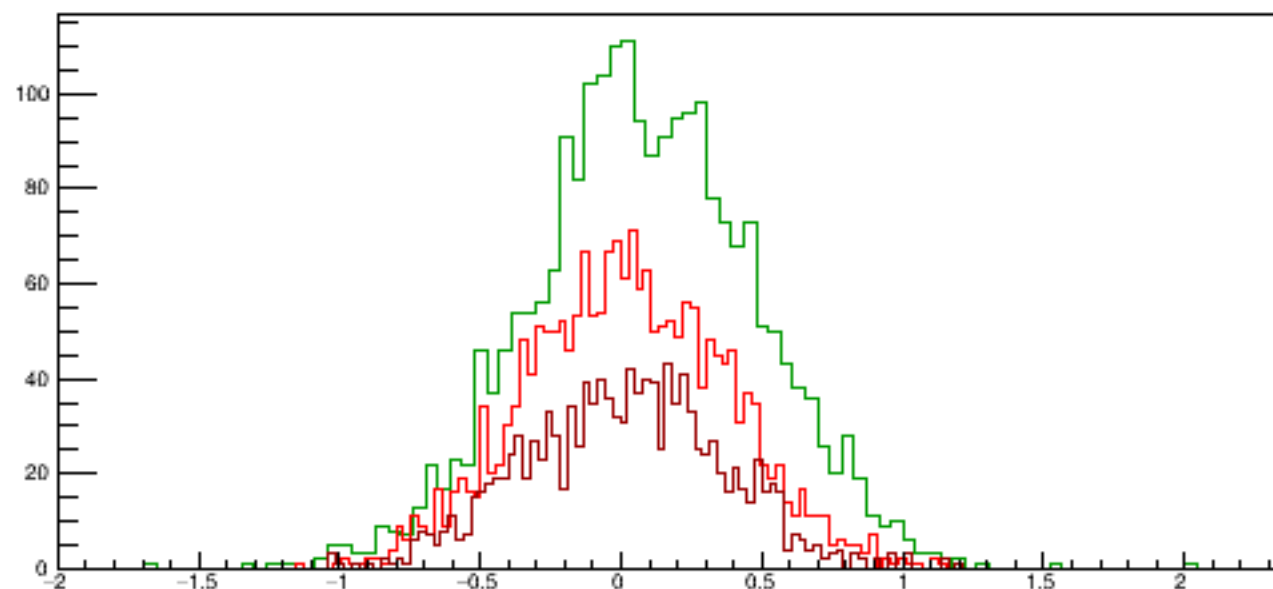
Std Dev: 0.3985 +/- 0.0059

Entries: 1252

Mean: 0.0093 +/- 0.0099

Std Dev: 0.3506 +/- 0.0070

Run 4436 quartetwise, Diffs



Cycle 22, Sums

Entries: 2060

Mean: 18.3105 +/- 0.0090

Std Dev: 0.4094 +/- 0.0064

Entries: 2311

Mean: 23.7579 +/- 0.0100

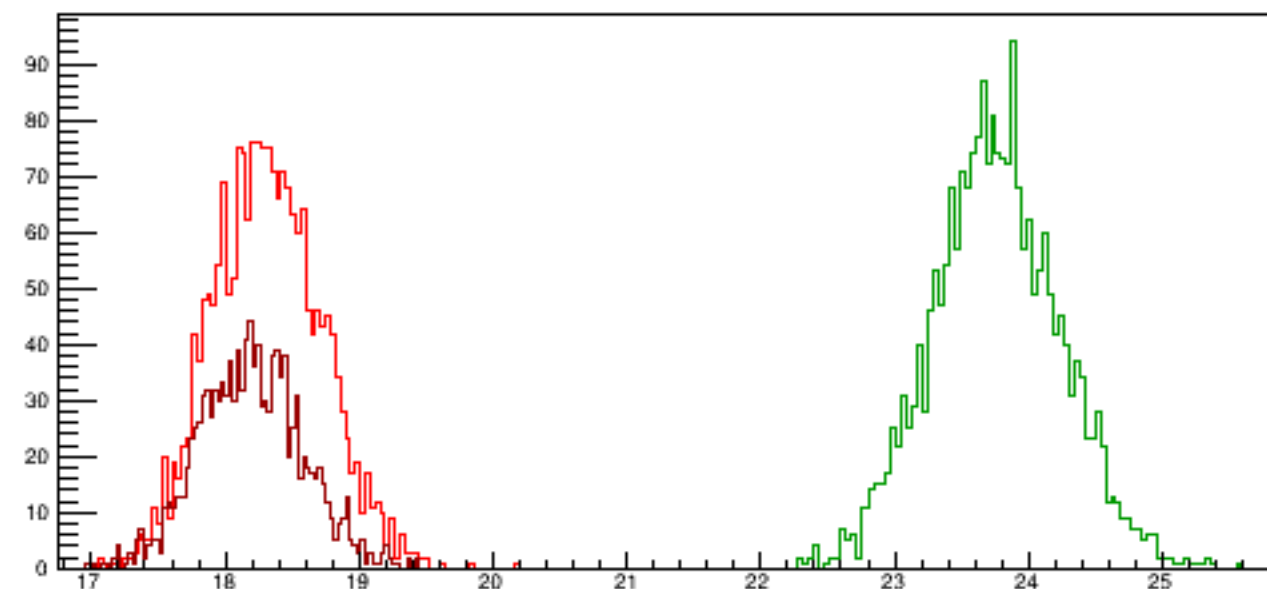
Std Dev: 0.4816 +/- 0.0071

Entries: 1252

Mean: 18.1920 +/- 0.0110

Std Dev: 0.3892 +/- 0.0078

Run 4436 quartetwise, Sums



Cycle 22, Asyms

Entries: 2060

Mean: 0.0034 +/- 0.0014

Std Dev: 0.0647 +/- 0.0010

Entries: 2311

Mean: 0.0145 +/- 0.0015

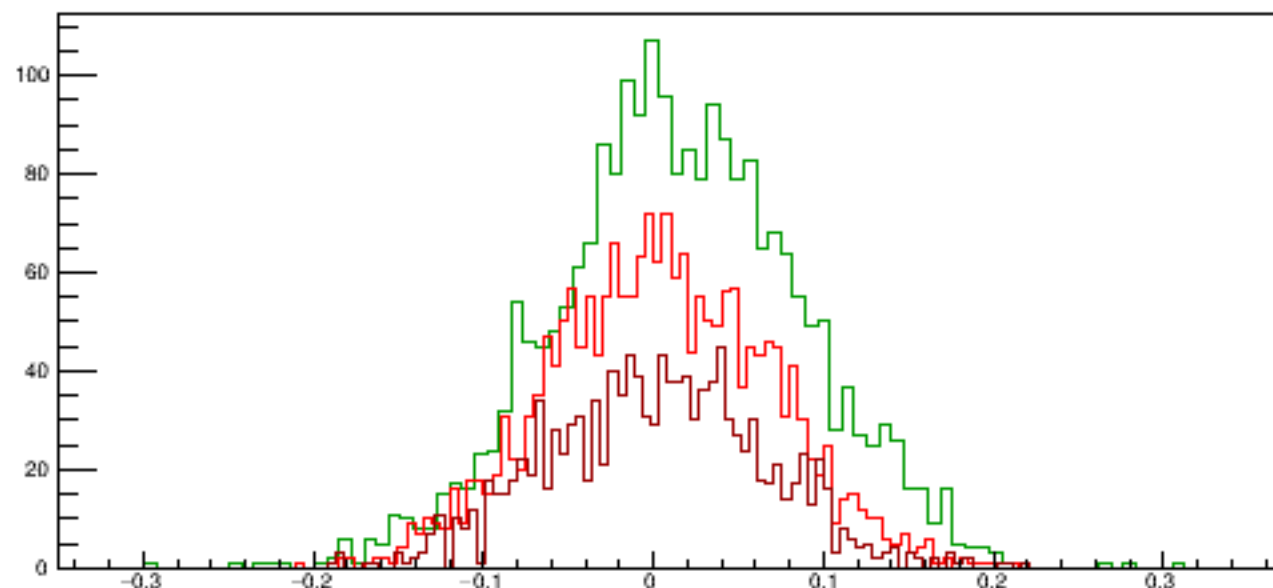
Std Dev: 0.0727 +/- 0.0011

Entries: 1252

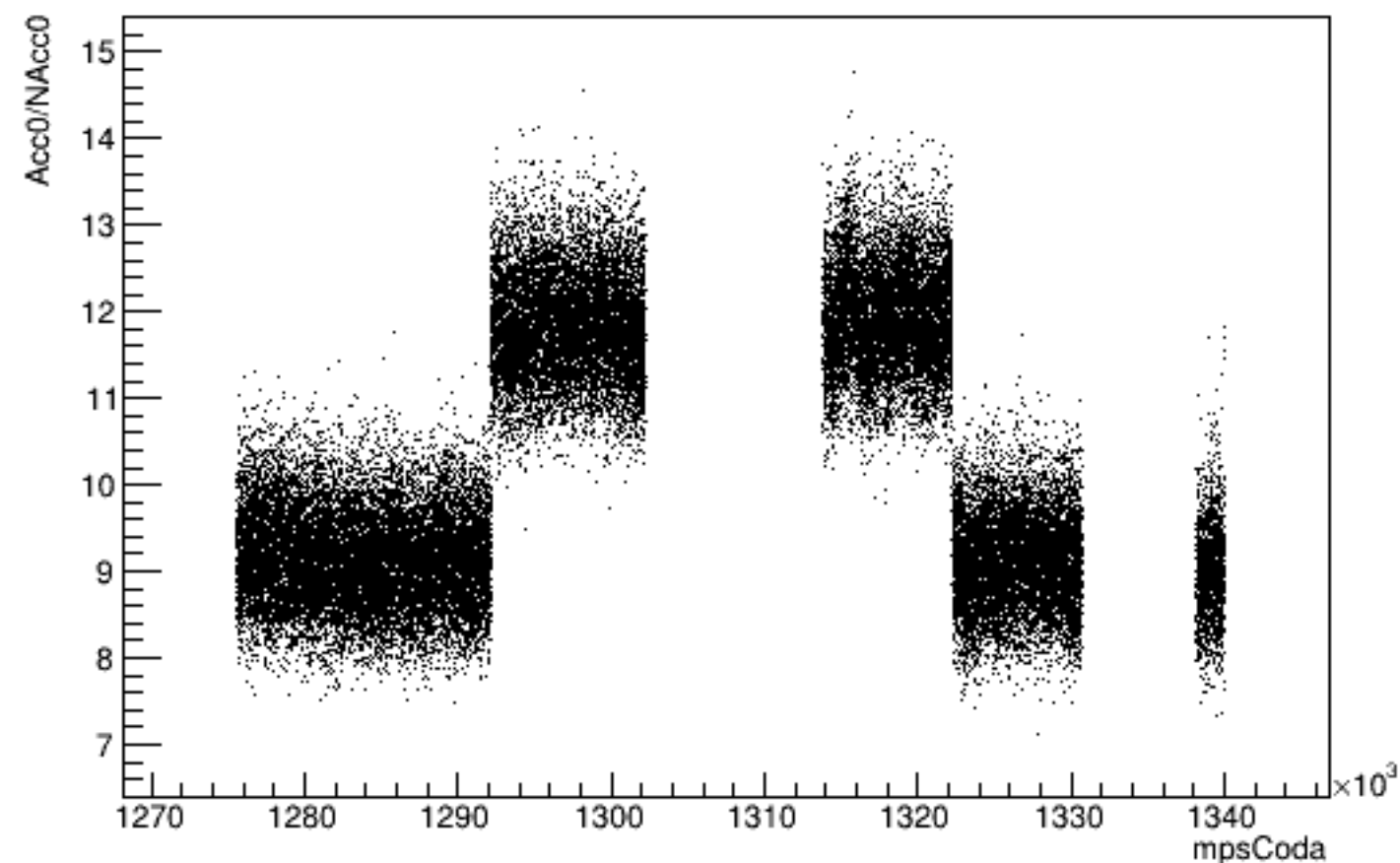
Mean: 0.0017 +/- 0.0018

Std Dev: 0.0637 +/- 0.0013

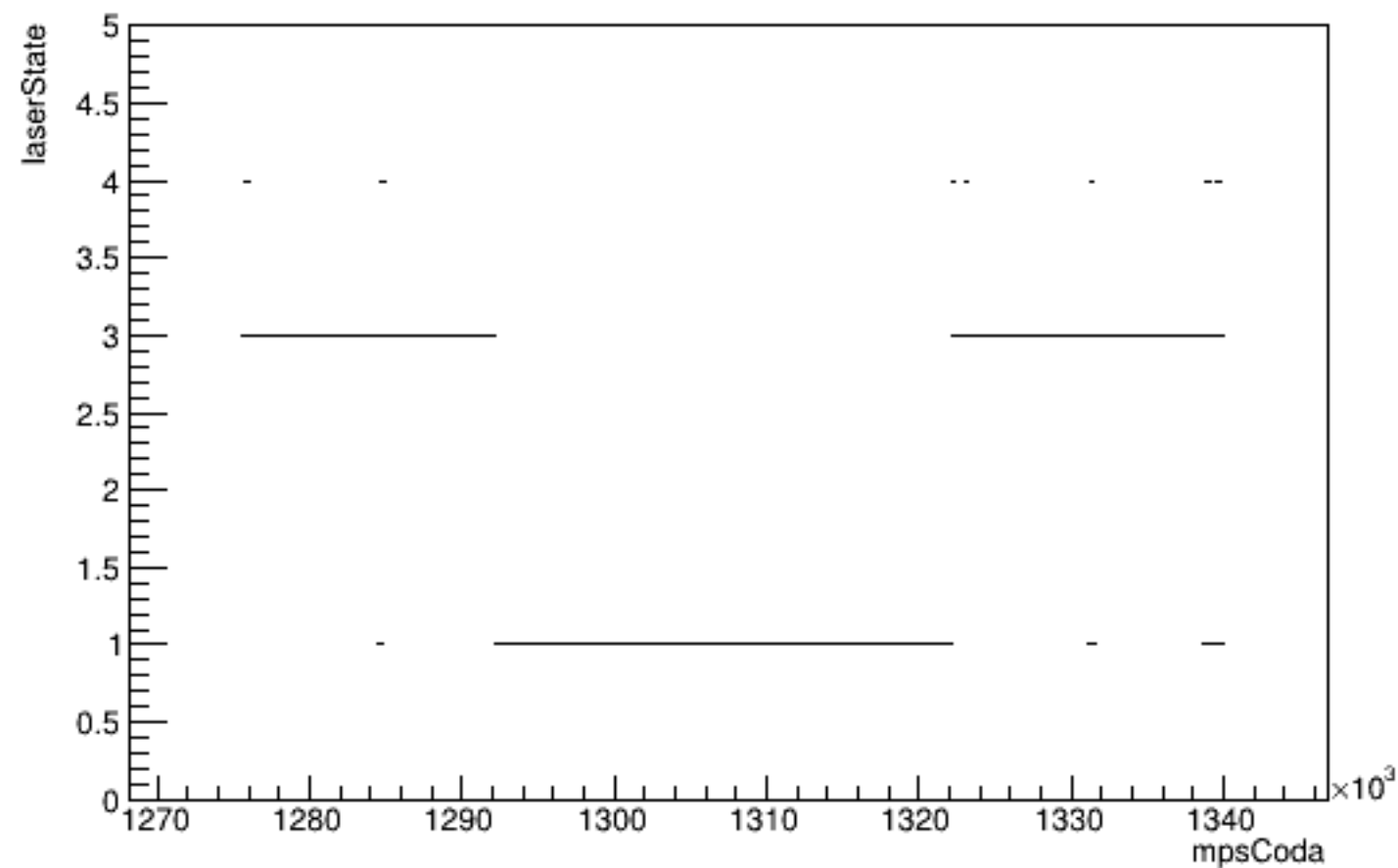
Run 4436 quartetwise, Asyms



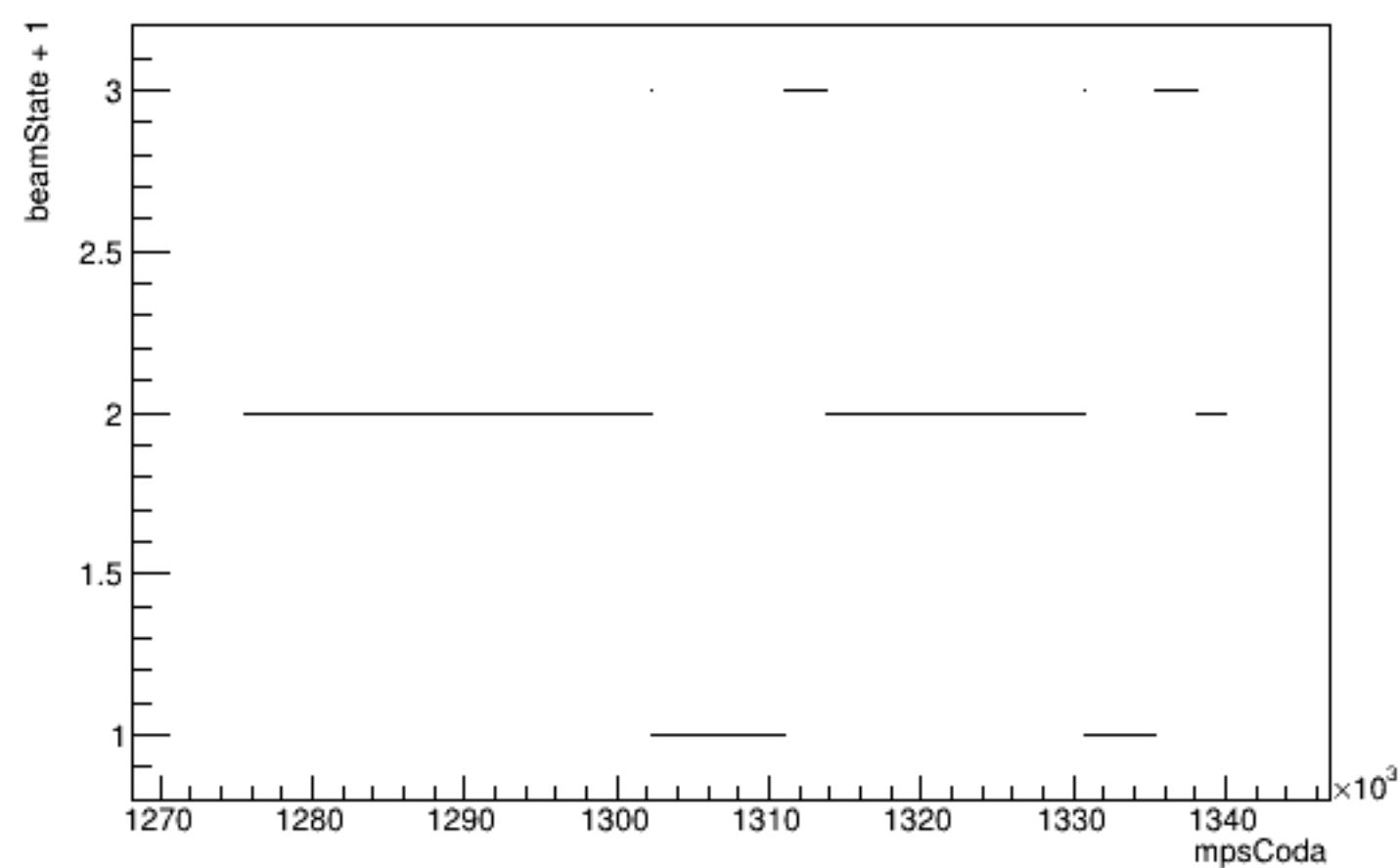
Acc0/NAcc0:mpsCoda (mpsCoda>=1275554 && mpsCoda<=1339977 && beamState==1)



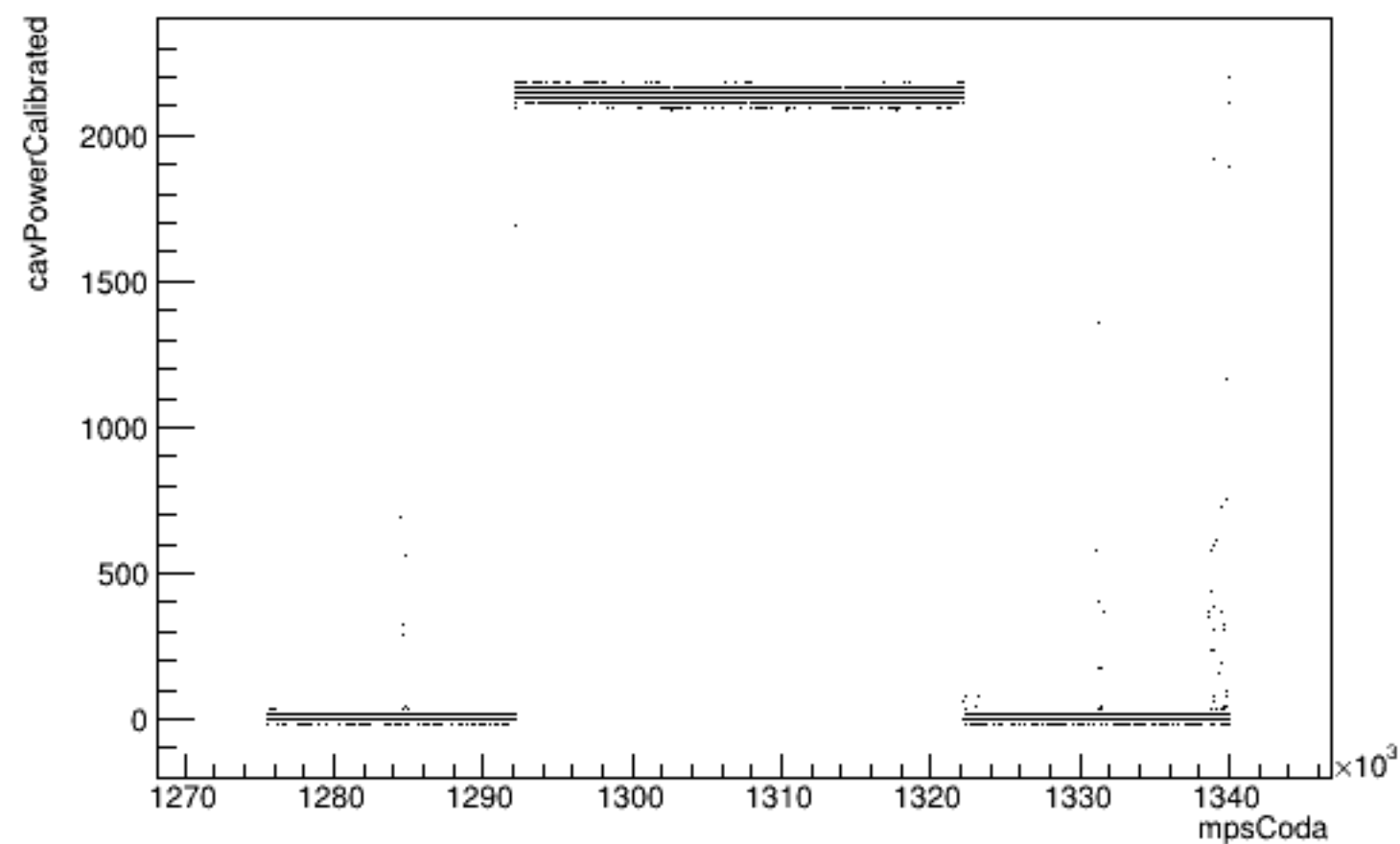
laserState:mpsCoda {mpsCoda>=1275554 && mpsCoda<=1339977}



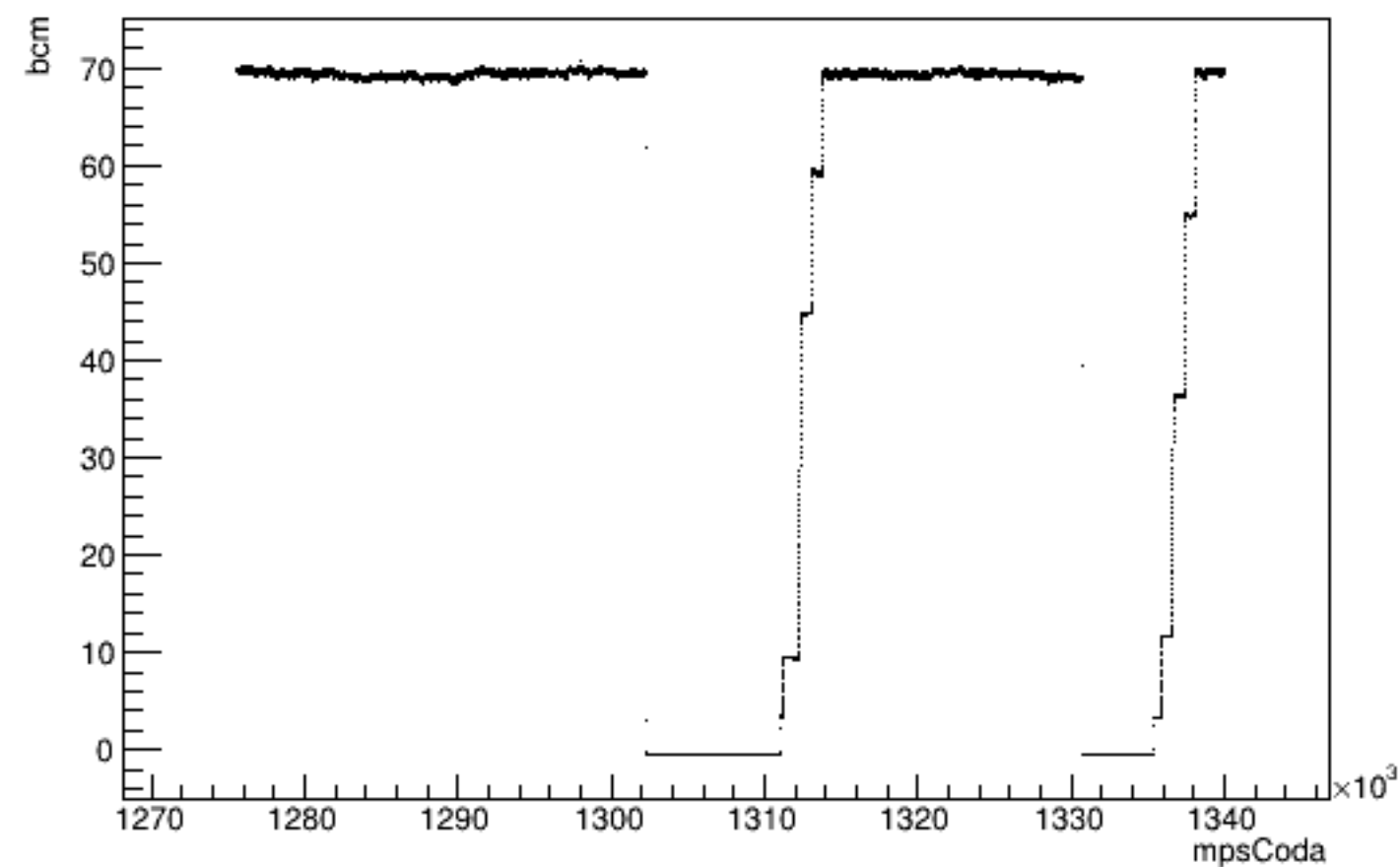
beamState + 1:mpsCoda {mpsCoda>=1275554 && mpsCoda<=1339977}



cavPowerCalibrated:mpsCoda {mpsCoda>=1275554 && mpsCoda<=1339977}



bcm:mpsCoda {mpsCoda>=1275554 && mpsCoda<=1339977}



Cycle 23, Diffs

Entries: 1252

Mean: 0.0093 +/- 0.0099

Std Dev: 0.3506 +/- 0.0070

Entries: 2738

Mean: 0.0772 +/- 0.0078

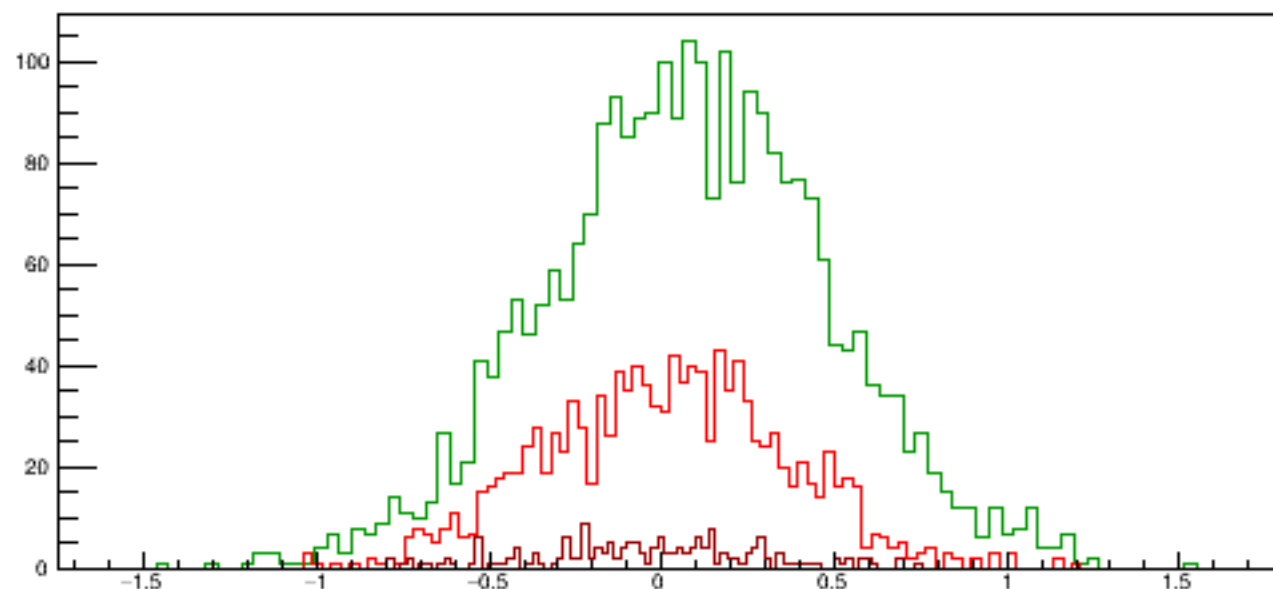
Std Dev: 0.4089 +/- 0.0055

Entries: 179

Mean: -0.0374 +/- 0.0246

Std Dev: 0.3288 +/- 0.0174

Run 4436 quartetwise, Diffs



Cycle 23, Sums

Entries: 1252

Mean: 18.1920 +/- 0.0110

Std Dev: 0.3892 +/- 0.0078

Entries: 2738

Mean: 23.2888 +/- 0.0091

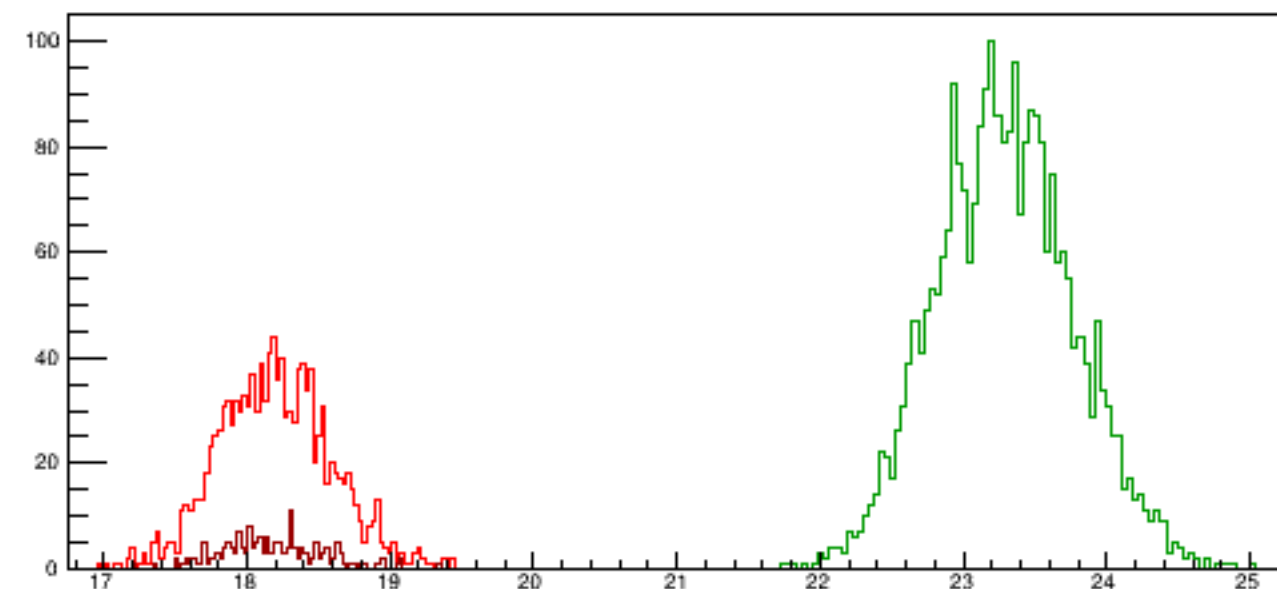
Std Dev: 0.4786 +/- 0.0065

Entries: 179

Mean: 18.1787 +/- 0.0267

Std Dev: 0.3578 +/- 0.0189

Run 4436 quartetwise, Sums



Cycle 23, Asyms

Entries: 1252

Mean: 0.0018 +/- 0.0019

Std Dev: 0.0687 +/- 0.0014

Entries: 2738

Mean: 0.0152 +/- 0.0015

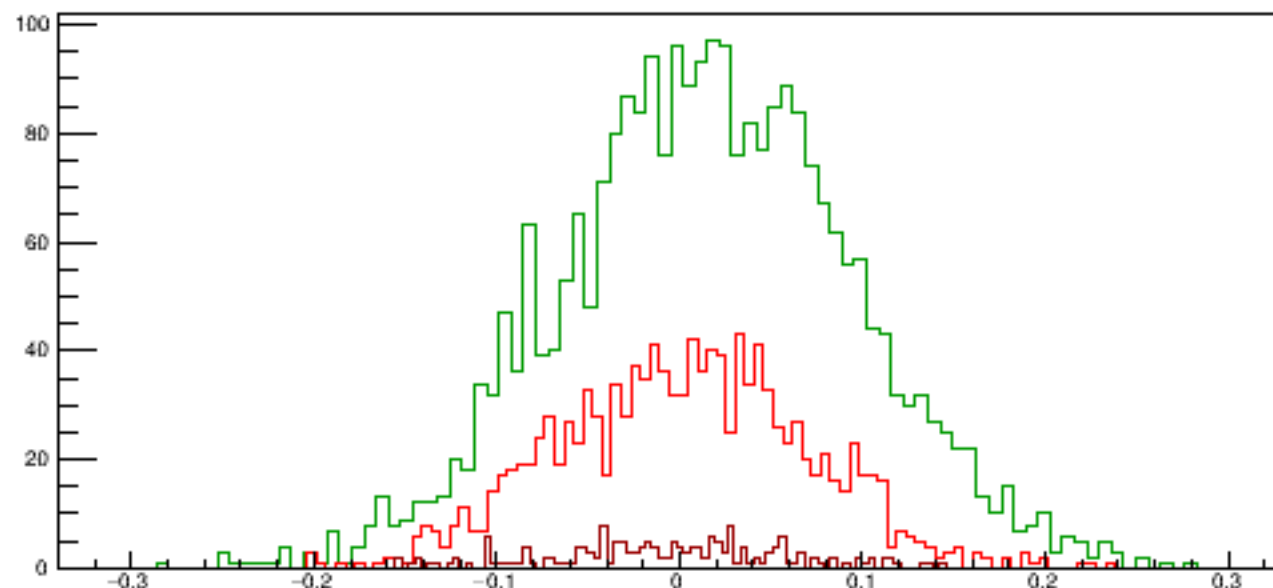
Std Dev: 0.0805 +/- 0.0011

Entries: 179

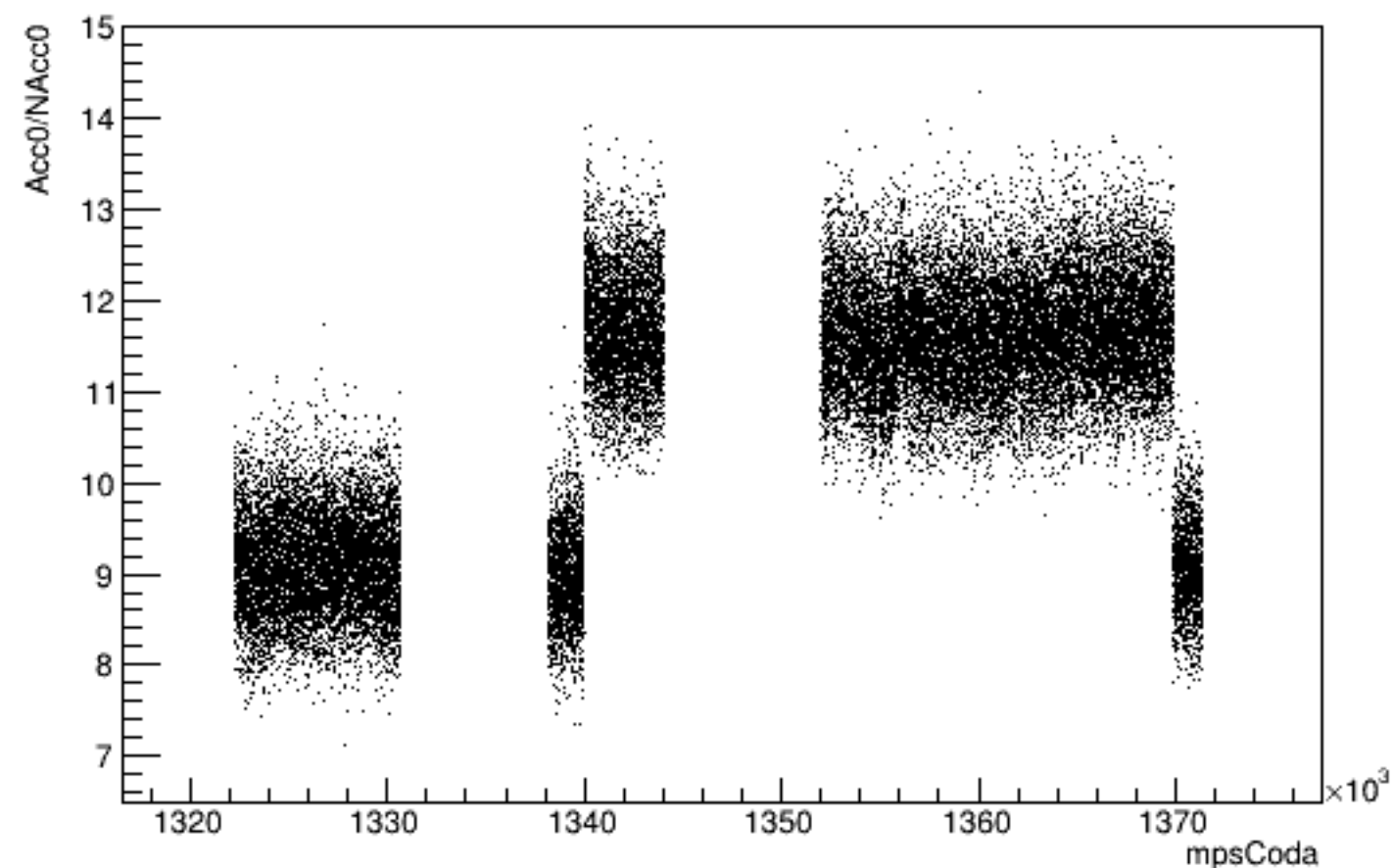
Mean: -0.0073 +/- 0.0048

Std Dev: 0.0644 +/- 0.0034

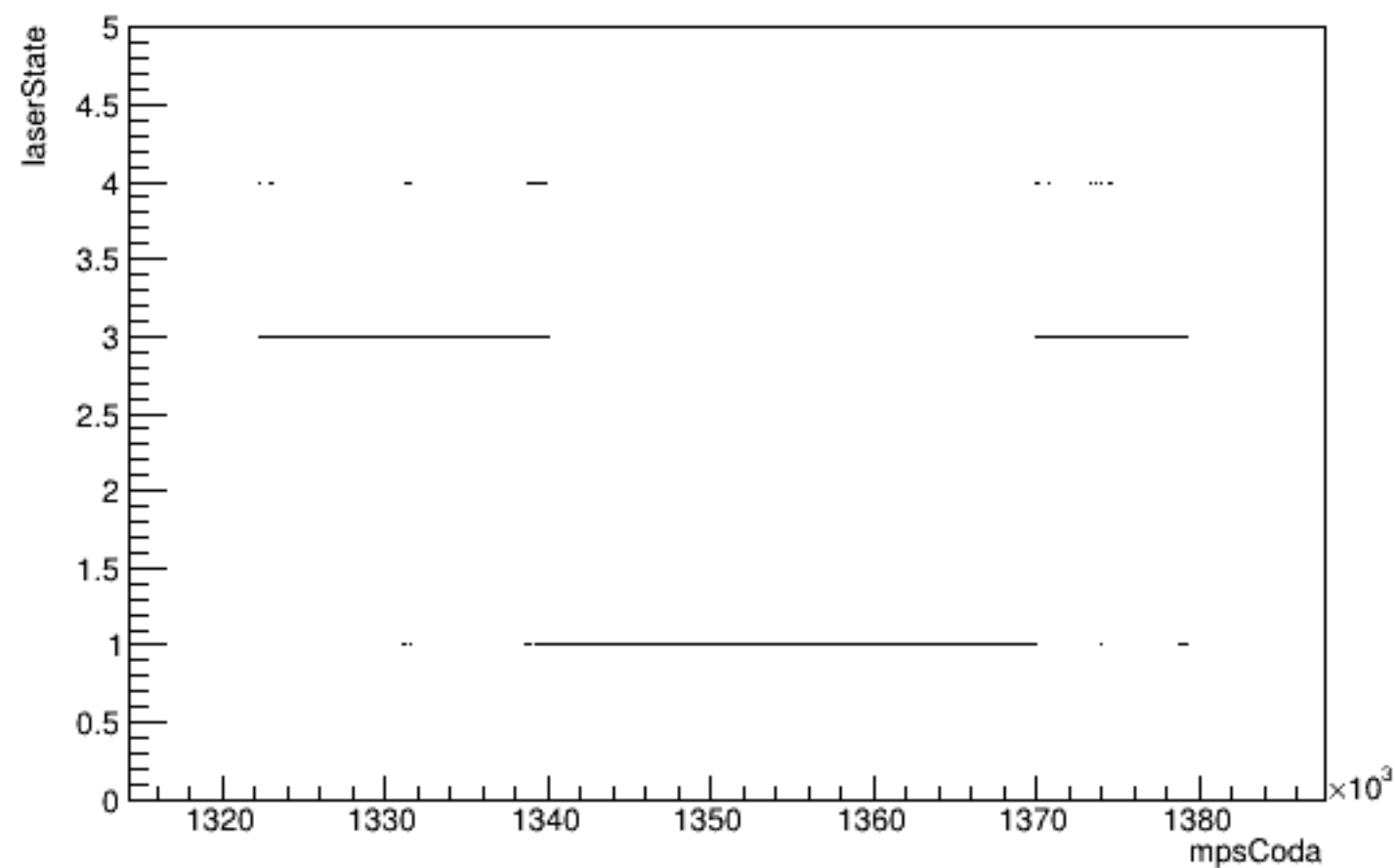
Run 4436 quartetwise, Asyms



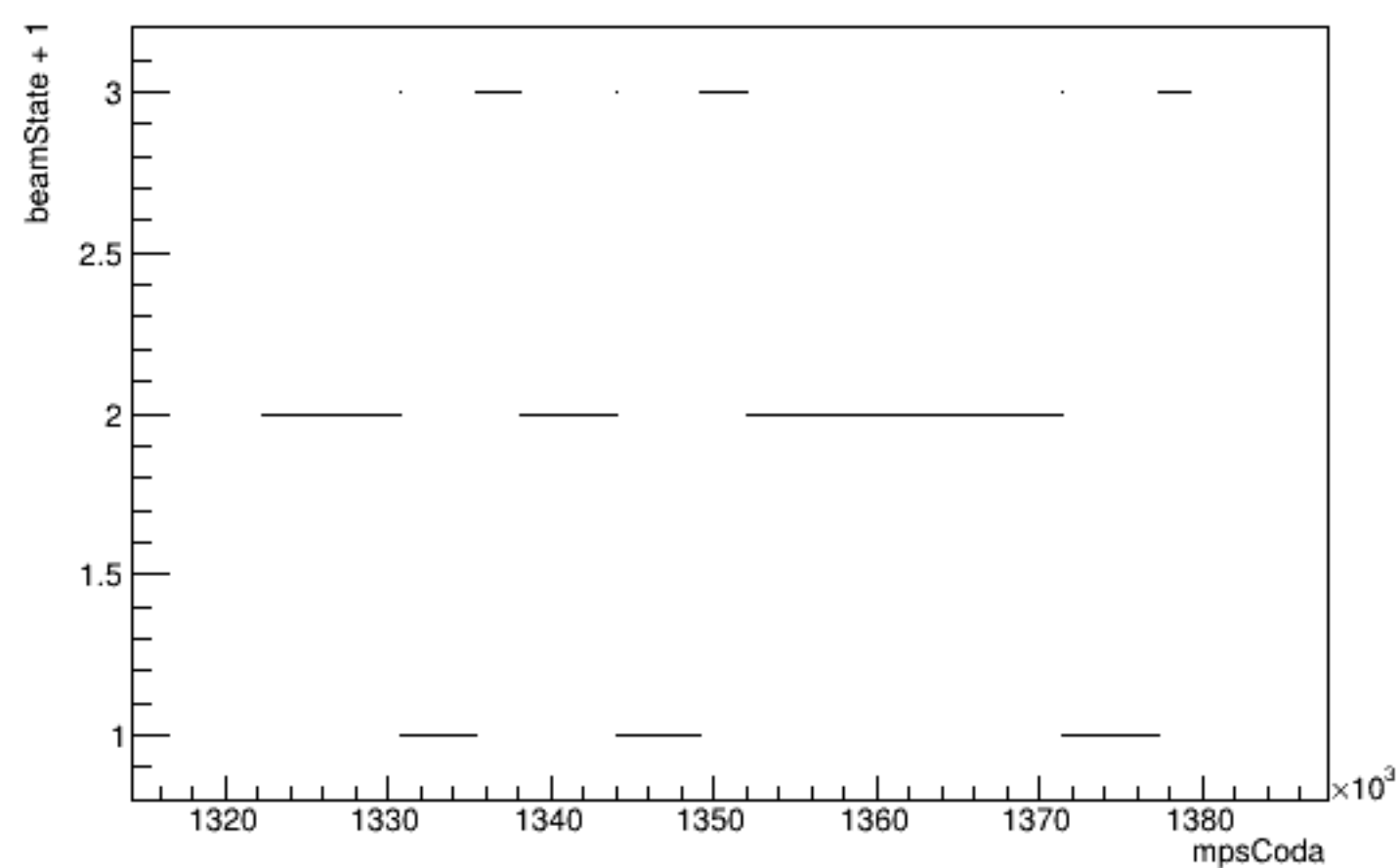
Acc0/NAcc0:mpsCoda (mpsCoda>=1322242 && mpsCoda<=1379257 && beamState==1)



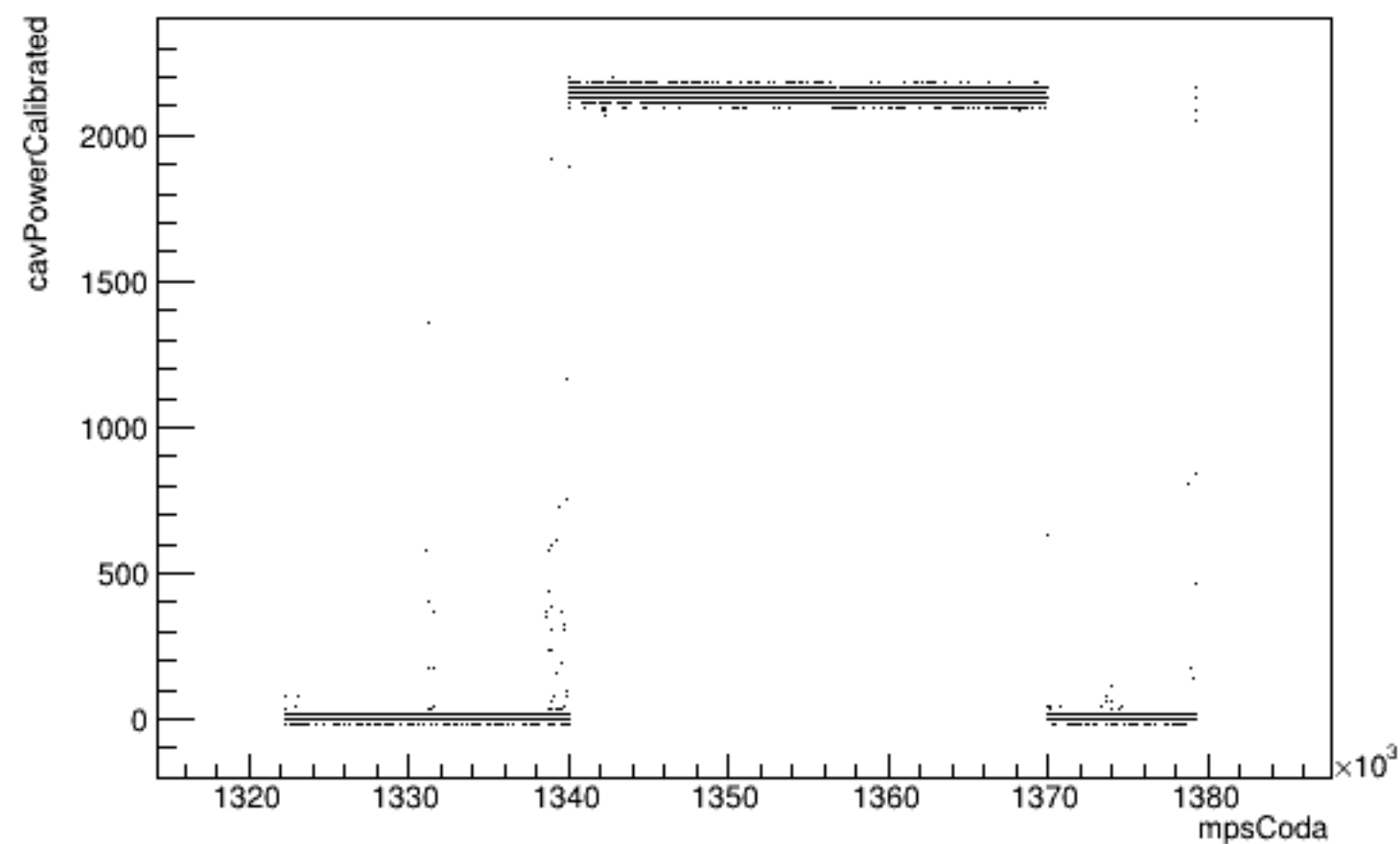
laserState:mpsCoda {mpsCoda>=1322242 && mpsCoda<=1379257}



beamState + 1:mpsCoda {mpsCoda>=1322242 && mpsCoda<=1379257}



cavPowerCalibrated:mpsCoda {mpsCoda>=1322242 && mpsCoda<=1379257}



bcm:mpsCoda {mpsCoda>=1322242 && mpsCoda<=1379257}

