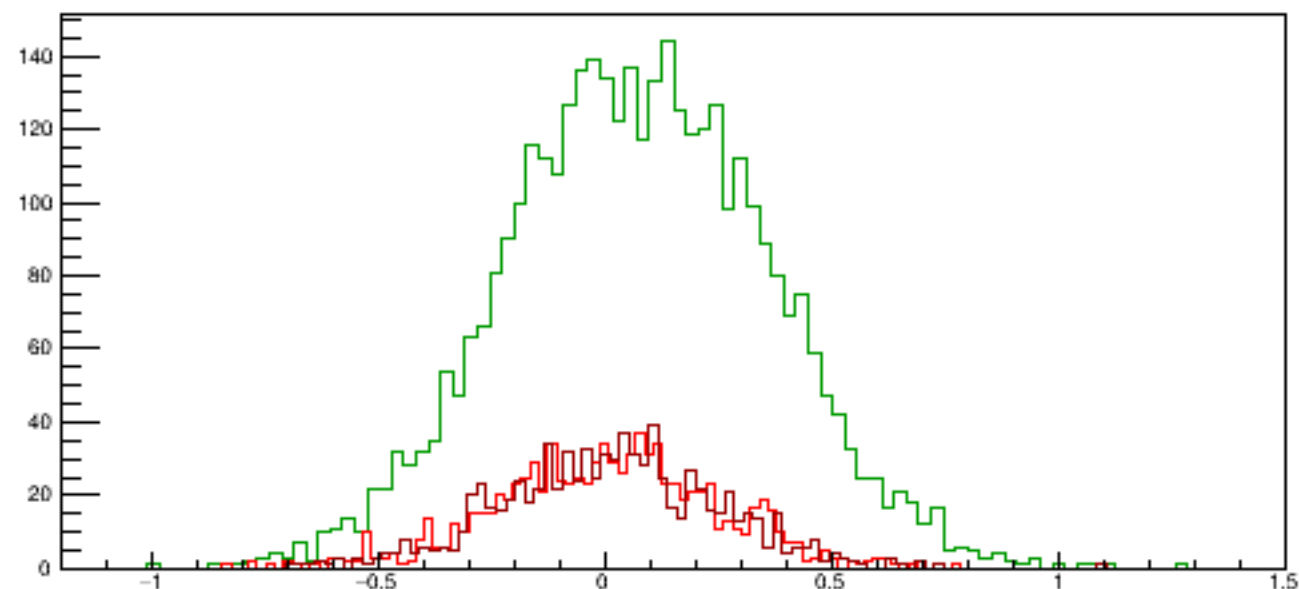


Cycle 1, Diffs

Entries: 936	Entries: 3730	Entries: 857
Mean: 0.0000 +/- 0.0081	Mean: 0.0704 +/- 0.0047	Mean: 0.0096 +/- 0.0082
Std Dev: 0.2469 +/- 0.0057	Std Dev: 0.2899 +/- 0.0034	Std Dev: 0.2395 +/- 0.0058

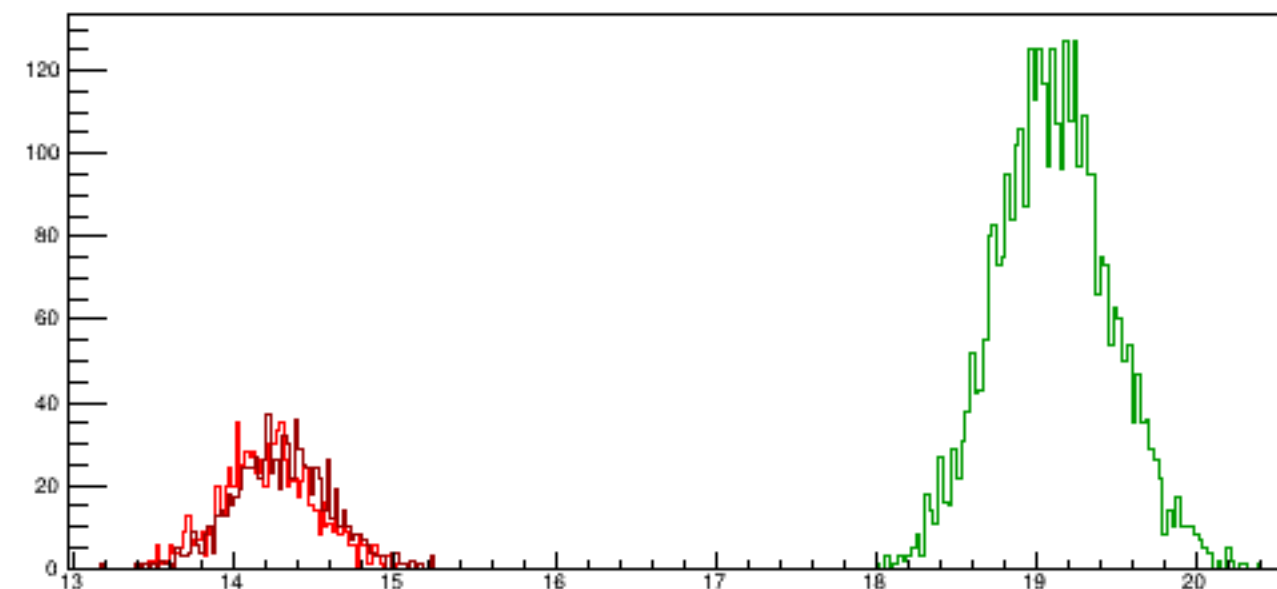
Run 4358 quartetwise, Diffs



Cycle 1, Sums

Entries: 936	Entries: 3730	Entries: 857
Mean: 14.2086 +/- 0.0097	Mean: 19.1090 +/- 0.0059	Mean: 14.2966 +/- 0.0103
Std Dev: 0.2953 +/- 0.0068	Std Dev: 0.3583 +/- 0.0041	Std Dev: 0.3009 +/- 0.0073

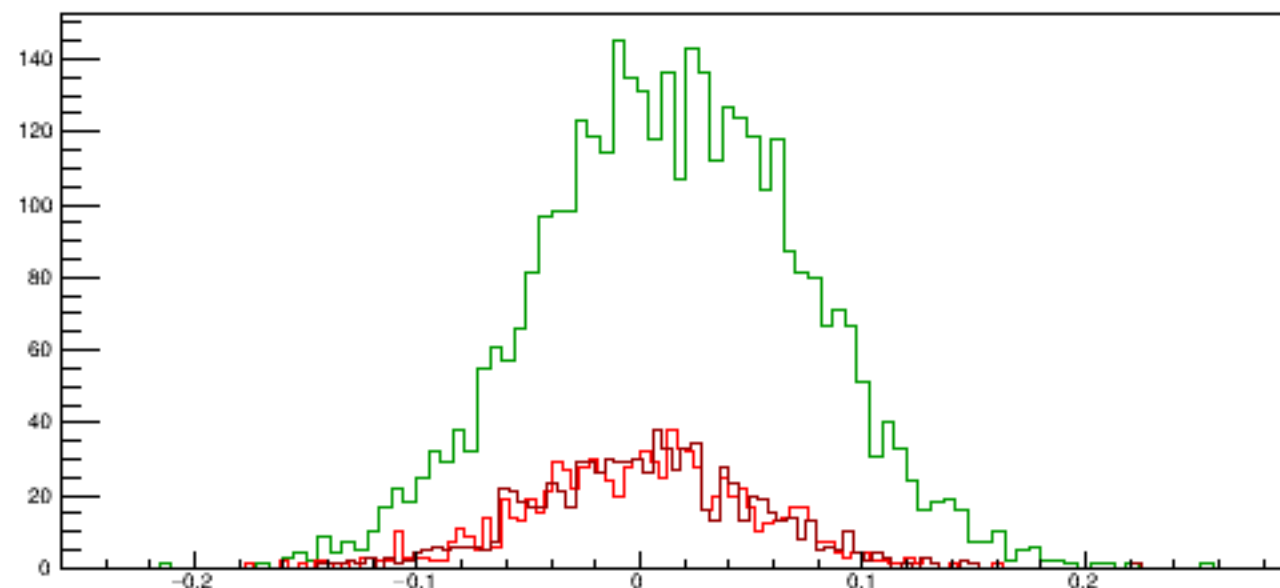
Run 4358 quartetwise, Sums



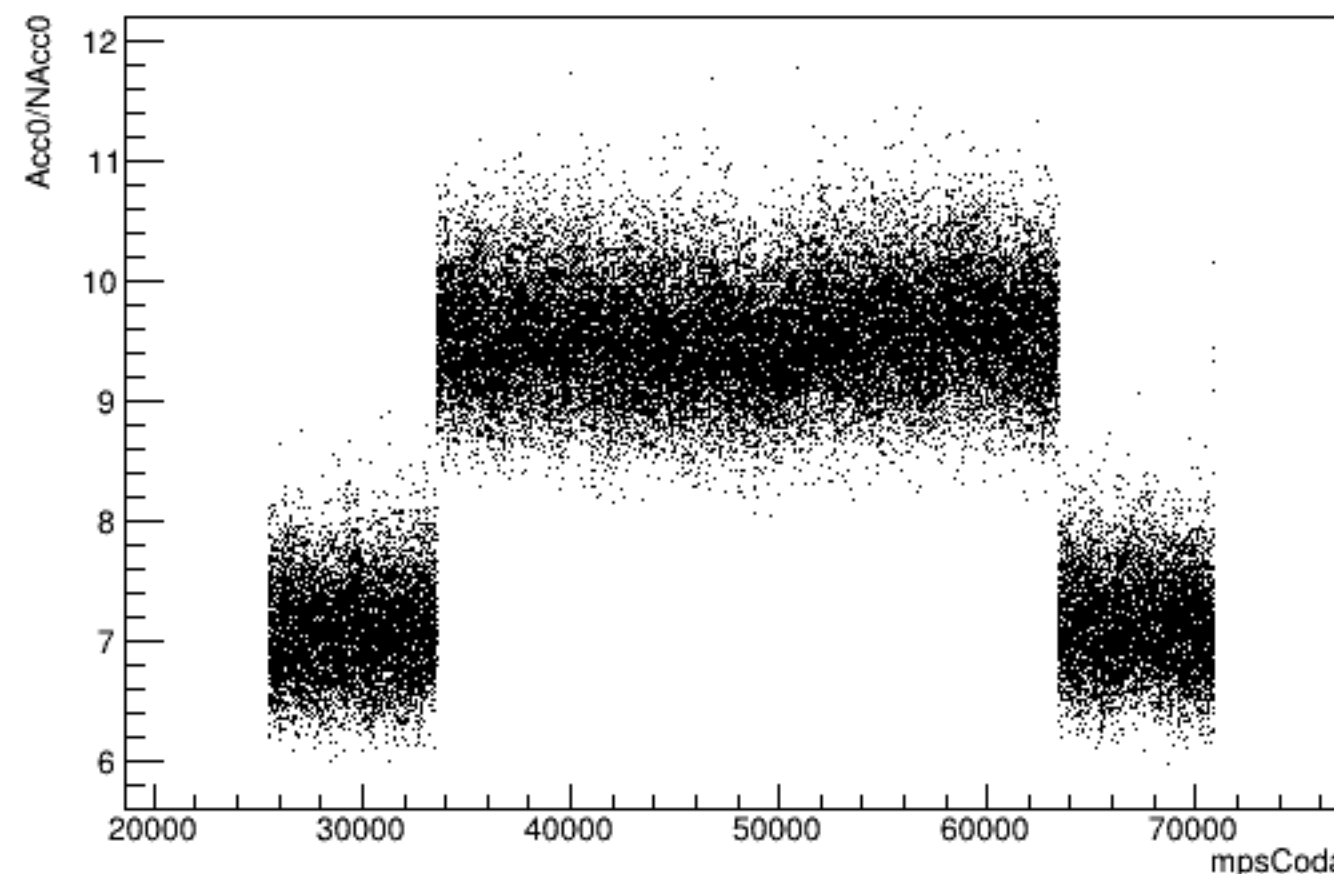
Cycle 1, Asyms

Entries: 936	Entries: 3730	Entries: 857
Mean: 0.0000 +/- 0.0017	Mean: 0.0144 +/- 0.0010	Mean: 0.0020 +/- 0.0017
Std Dev: 0.0508 +/- 0.0012	Std Dev: 0.0597 +/- 0.0007	Std Dev: 0.0493 +/- 0.0012

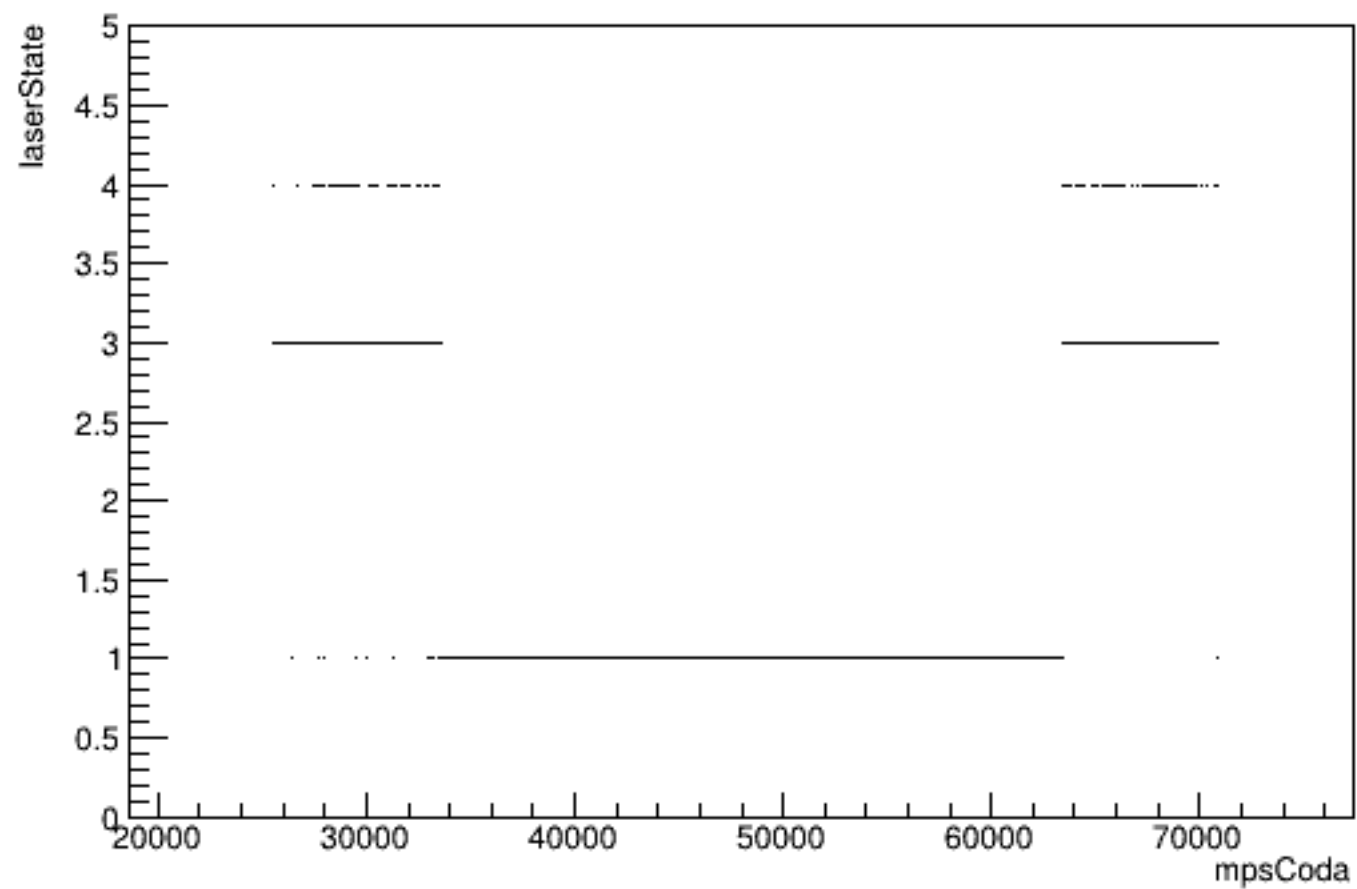
Run 4358 quartetwise, Asyms



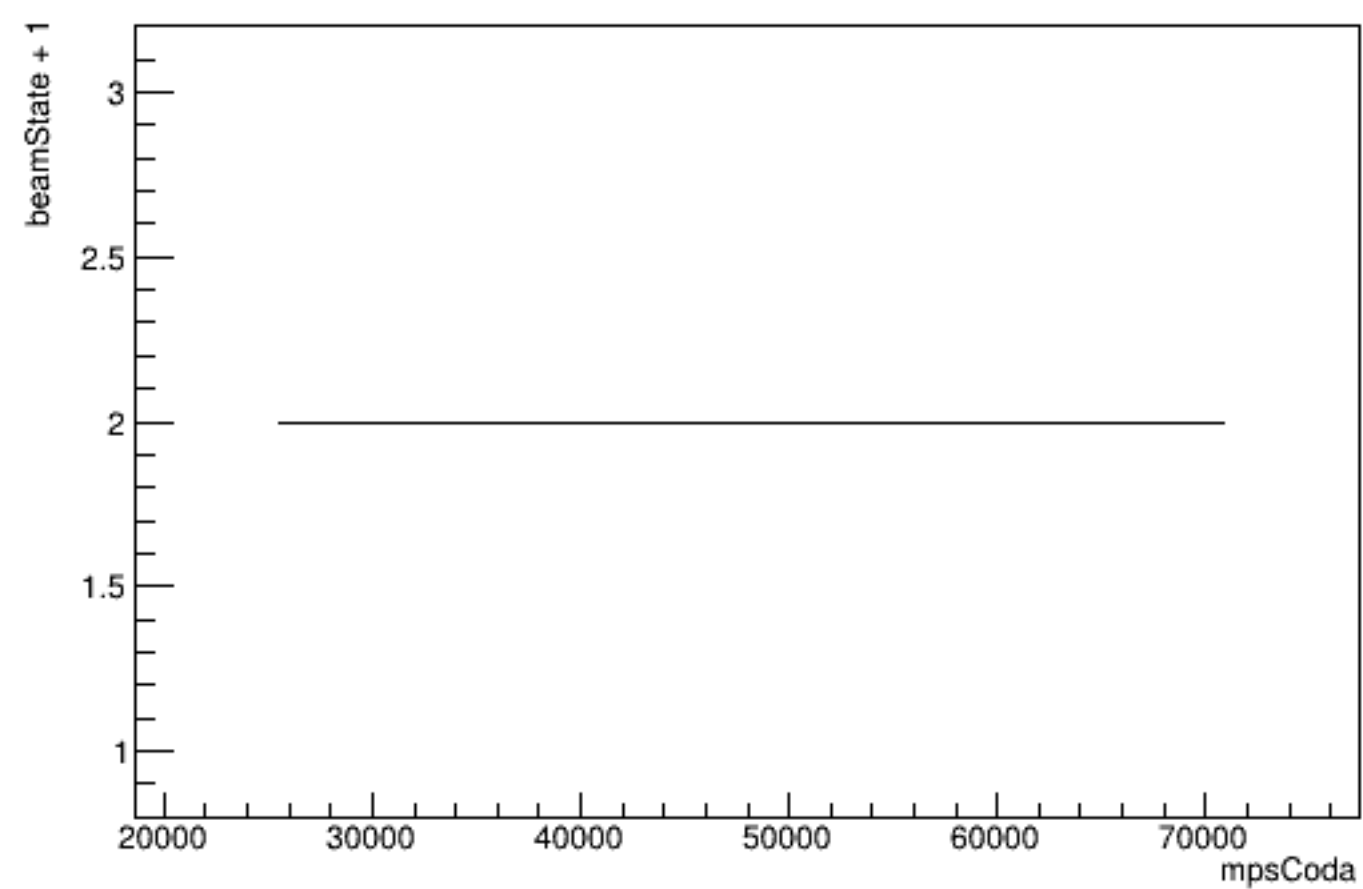
Acc0/NAcc0:mpsCoda {mpsCoda>=25476 && mpsCoda<=70875 && beamState==1}



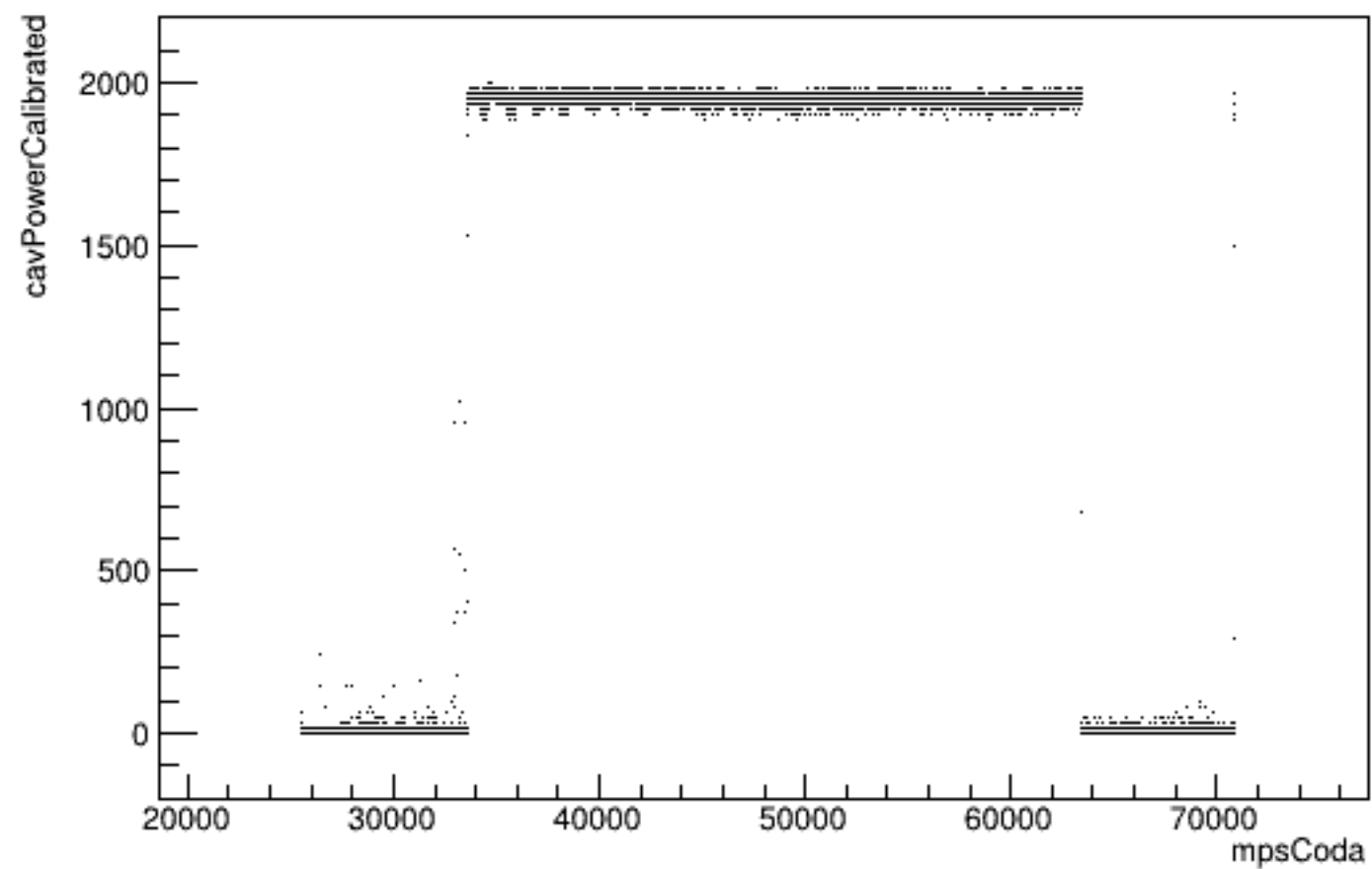
laserState:mpsCoda {mpsCoda>=25476 && mpsCoda<=70875}



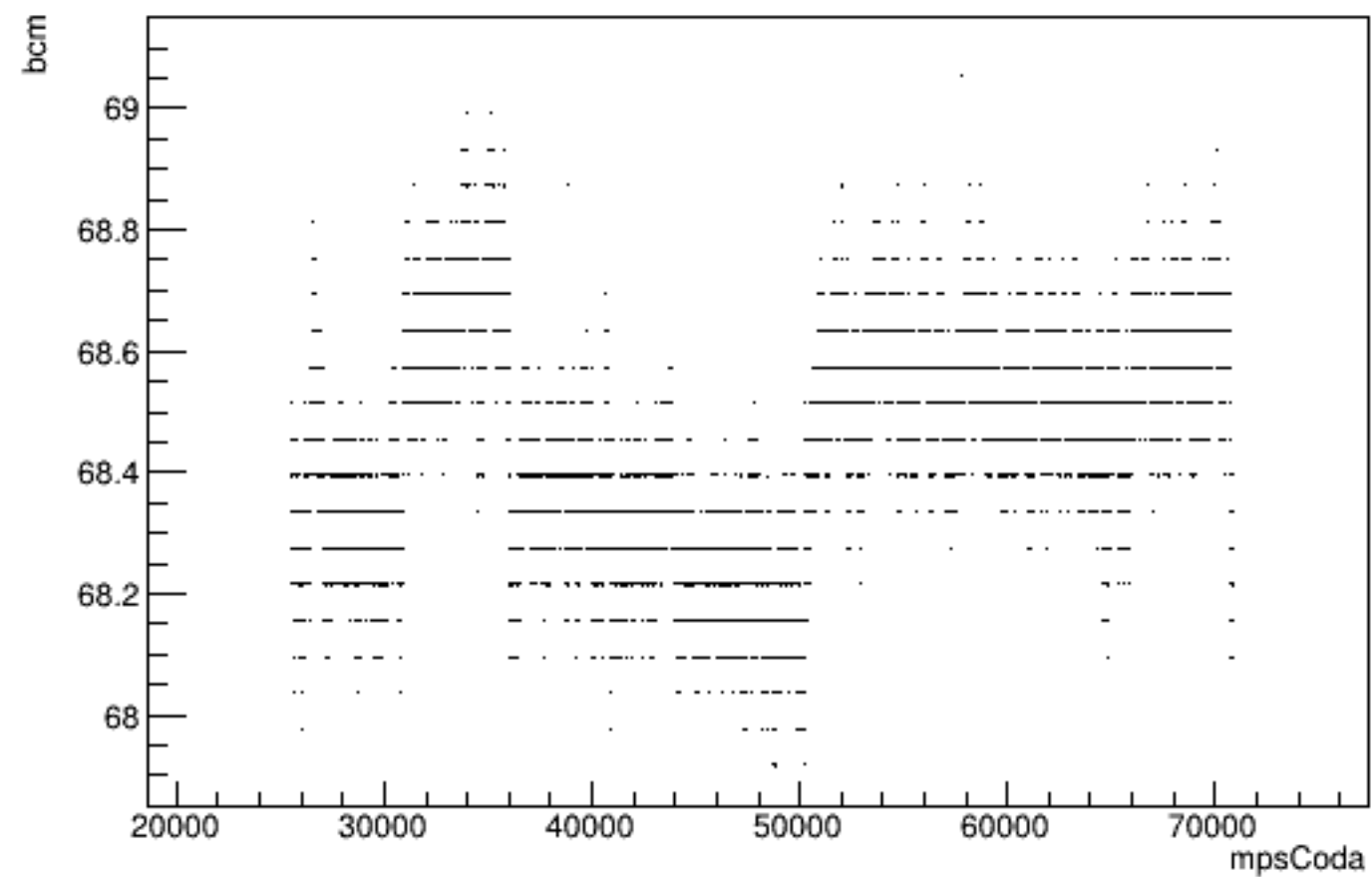
beamState + 1:mpsCoda {mpsCoda>=25476 && mpsCoda<=70875}



cavPowerCalibrated:mpsCoda {mpsCoda>=25476 && mpsCoda<=70875}



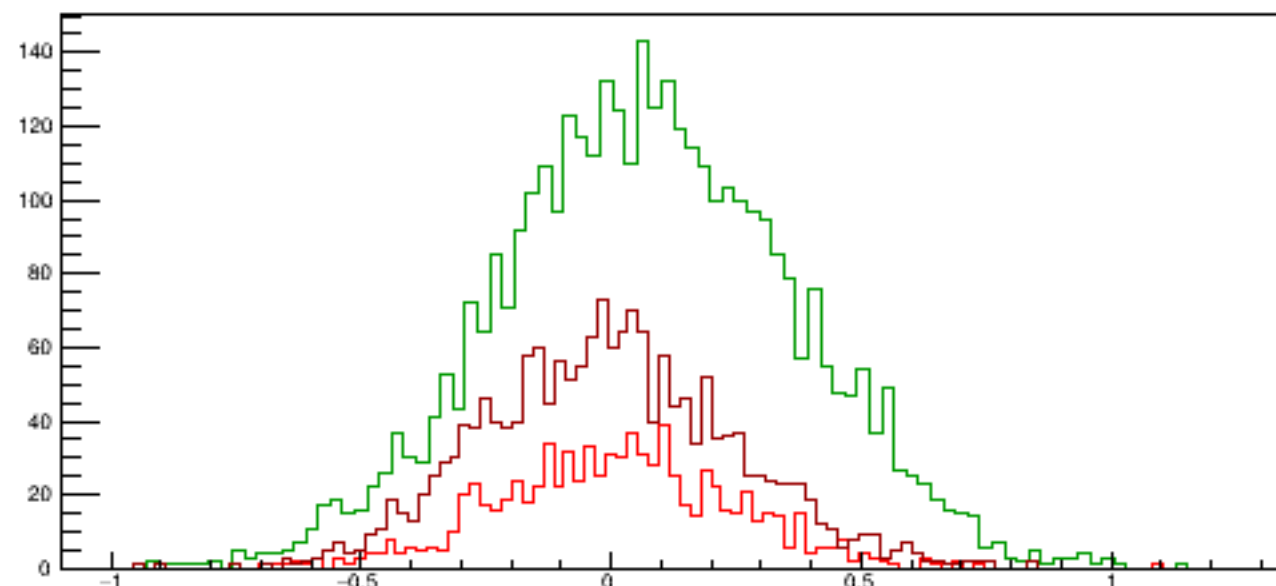
bcm:mpsCoda {mpsCoda>=25476 && mpsCoda<=70875}



Cycle 2, Diffs

Entries: 857	Entries: 3808	Entries: 1797
Mean: 0.0096 +/- 0.0082	Mean: 0.0721 +/- 0.0048	Mean: -0.0052 +/- 0.0059
Std Dev: 0.2395 +/- 0.0058	Std Dev: 0.2963 +/- 0.0034	Std Dev: 0.2501 +/- 0.0042

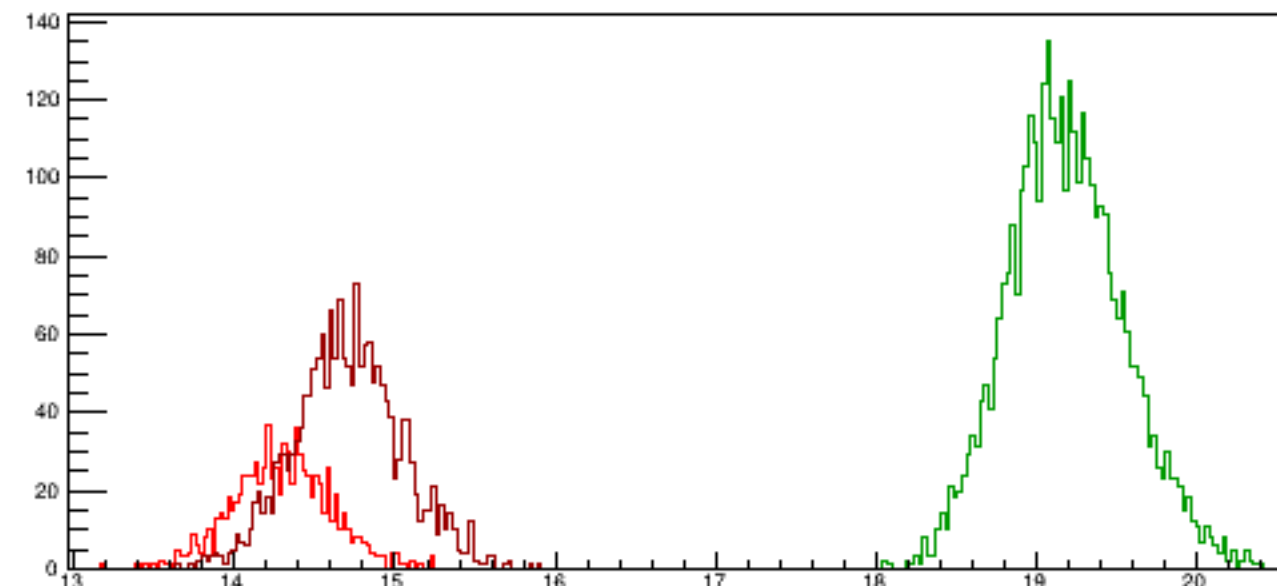
Run 4358 quartetwise, Diffs



Cycle 2, Sums

Entries: 857	Entries: 3808	Entries: 1797
Mean: 14.2966 +/- 0.0103	Mean: 19.1867 +/- 0.0059	Mean: 14.7043 +/- 0.0078
Std Dev: 0.3009 +/- 0.0073	Std Dev: 0.3623 +/- 0.0042	Std Dev: 0.3316 +/- 0.0055

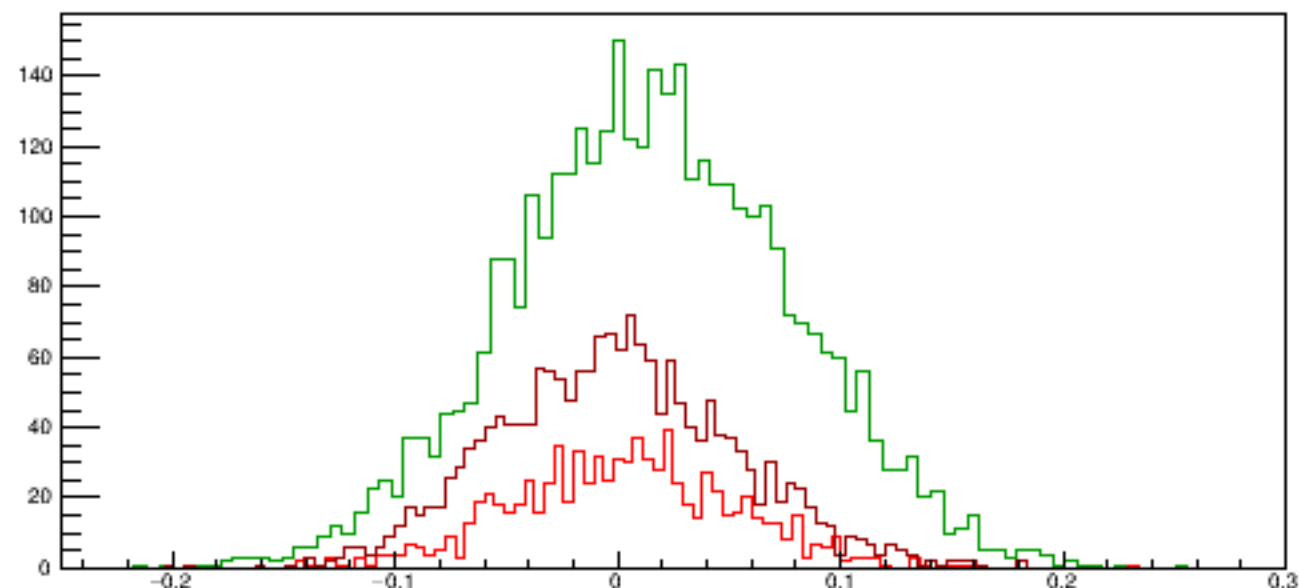
Run 4358 quartetwise, Sums



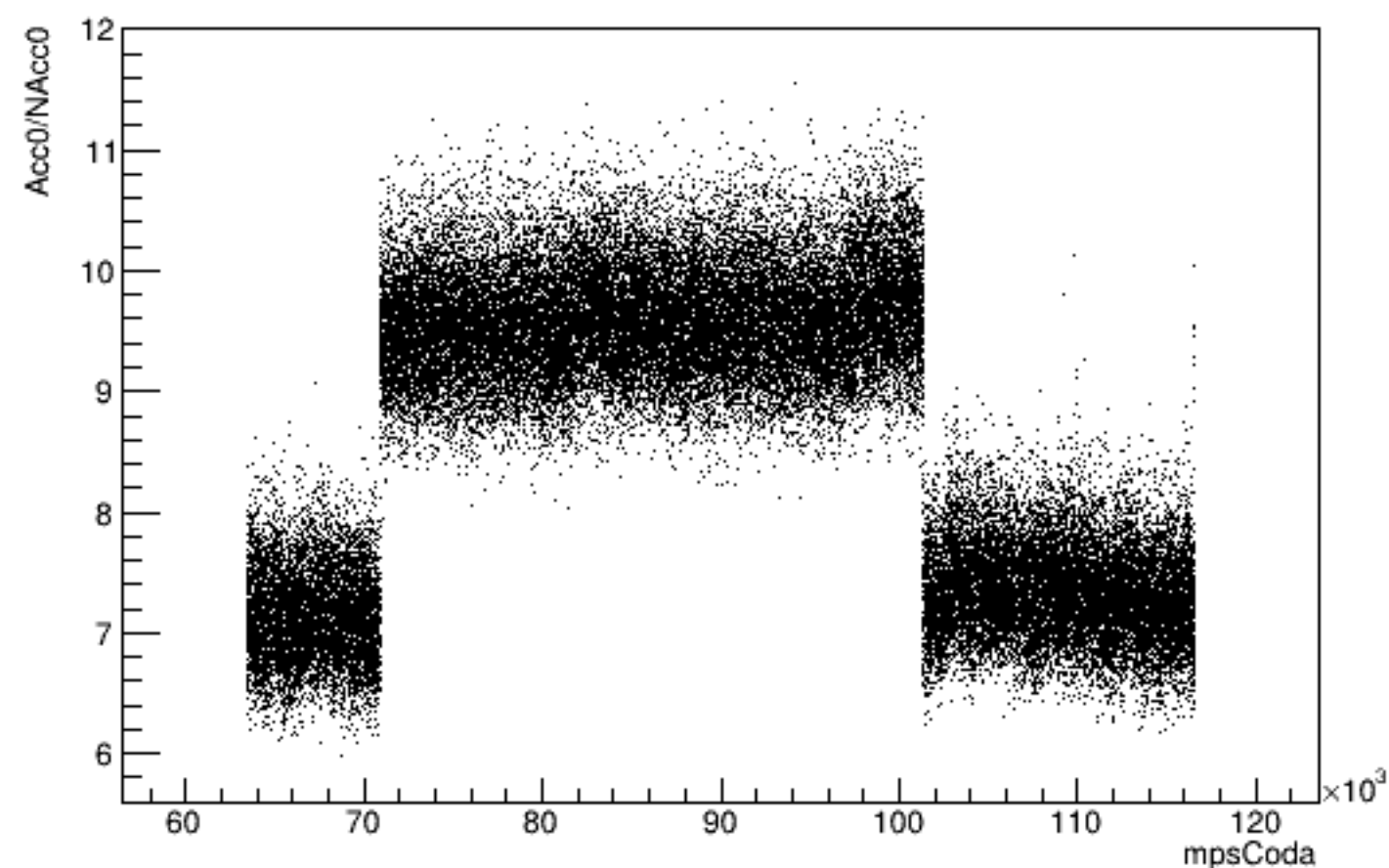
Cycle 2, Asyms

Entries: 857	Entries: 3808	Entries: 1797
Mean: 0.0021 +/- 0.0017	Mean: 0.0154 +/- 0.0010	Mean: -0.0011 +/- 0.0013
Std Dev: 0.0511 +/- 0.0012	Std Dev: 0.0634 +/- 0.0007	Std Dev: 0.0534 +/- 0.0009

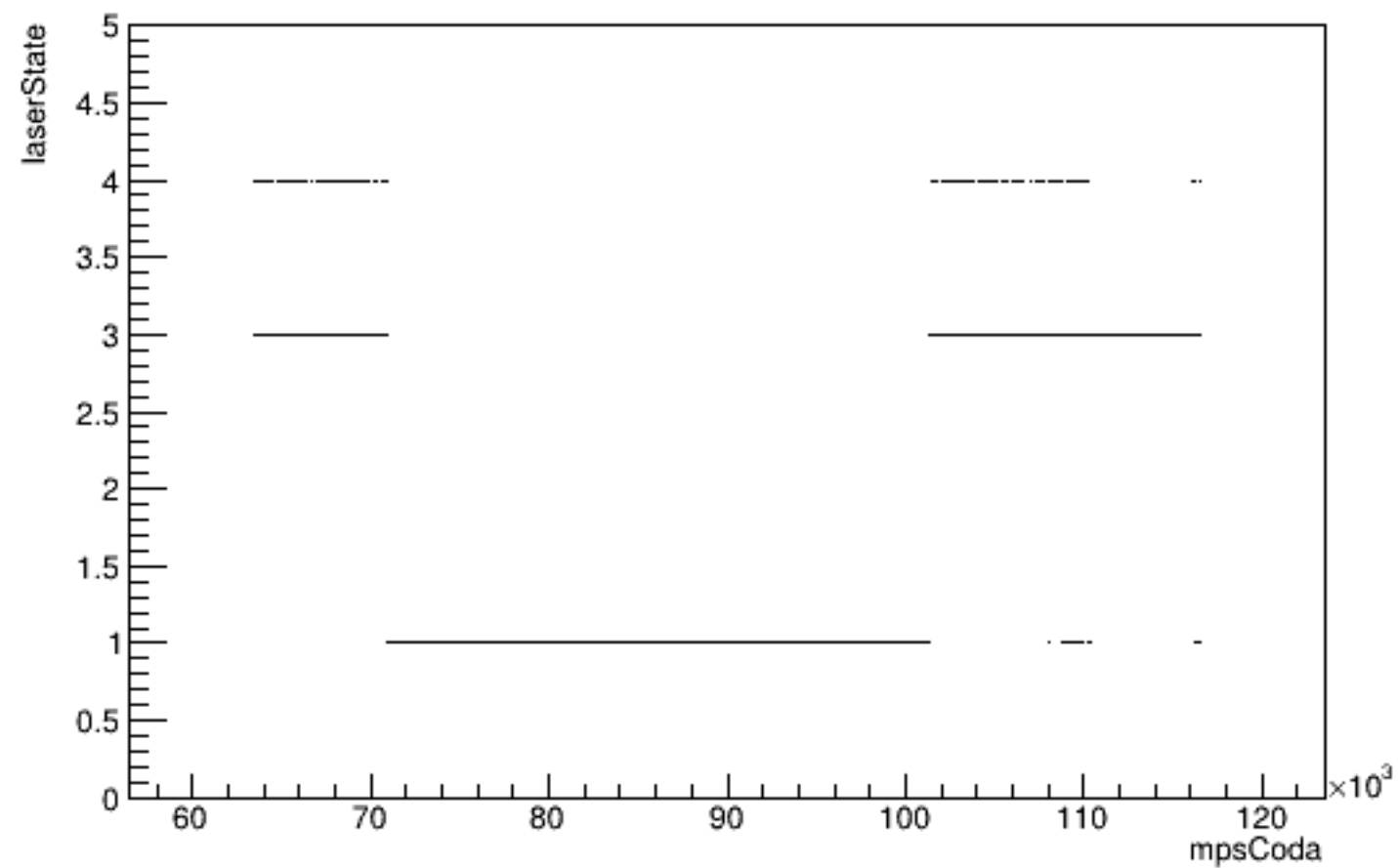
Run 4358 quartetwise, Asyms



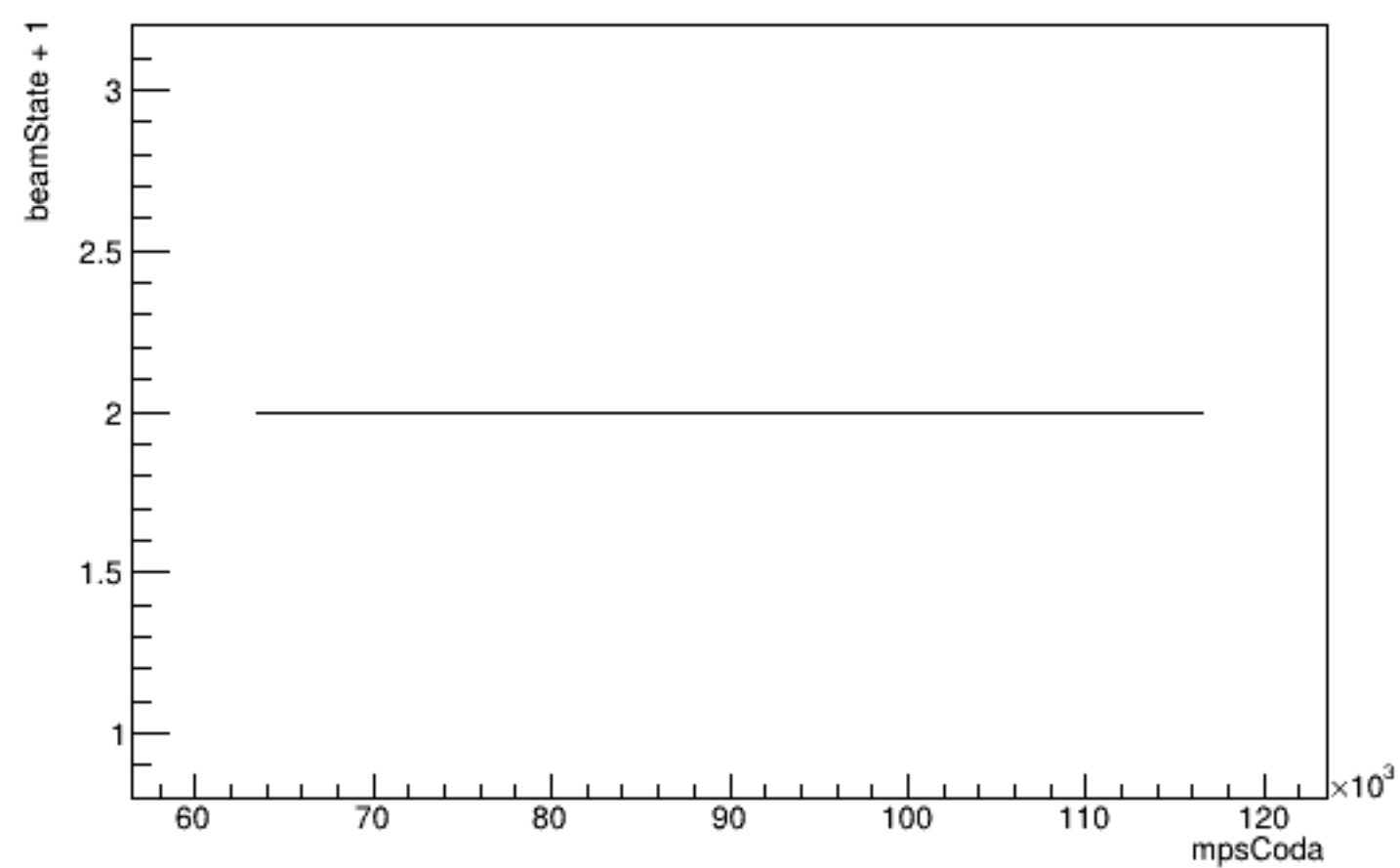
Acc0/NAcc0:mpsCoda {mpsCoda>=63412 && mpsCoda<=116619 && beamState==1}



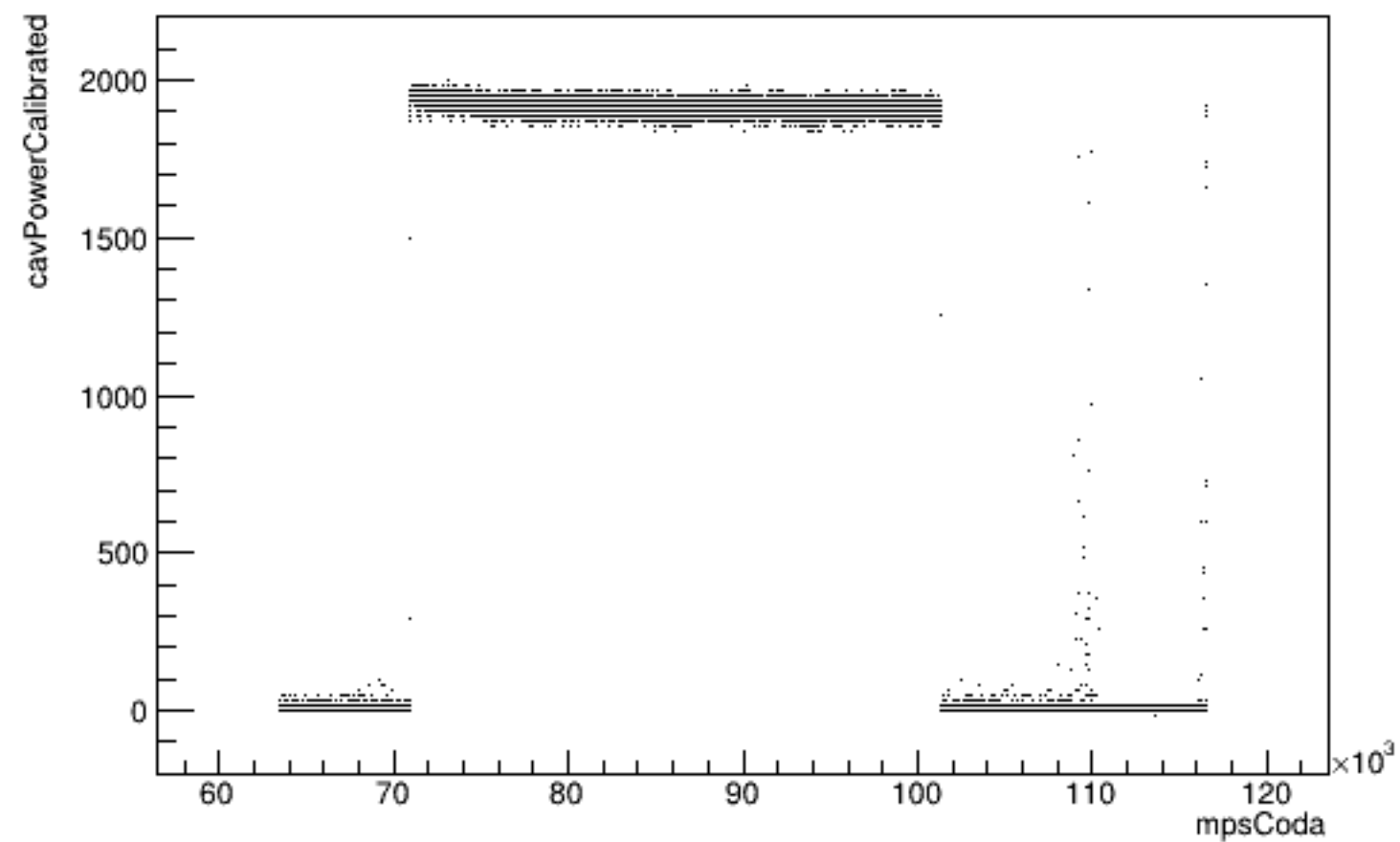
laserState:mpsCoda {mpsCoda>=63412 && mpsCoda<=116619}



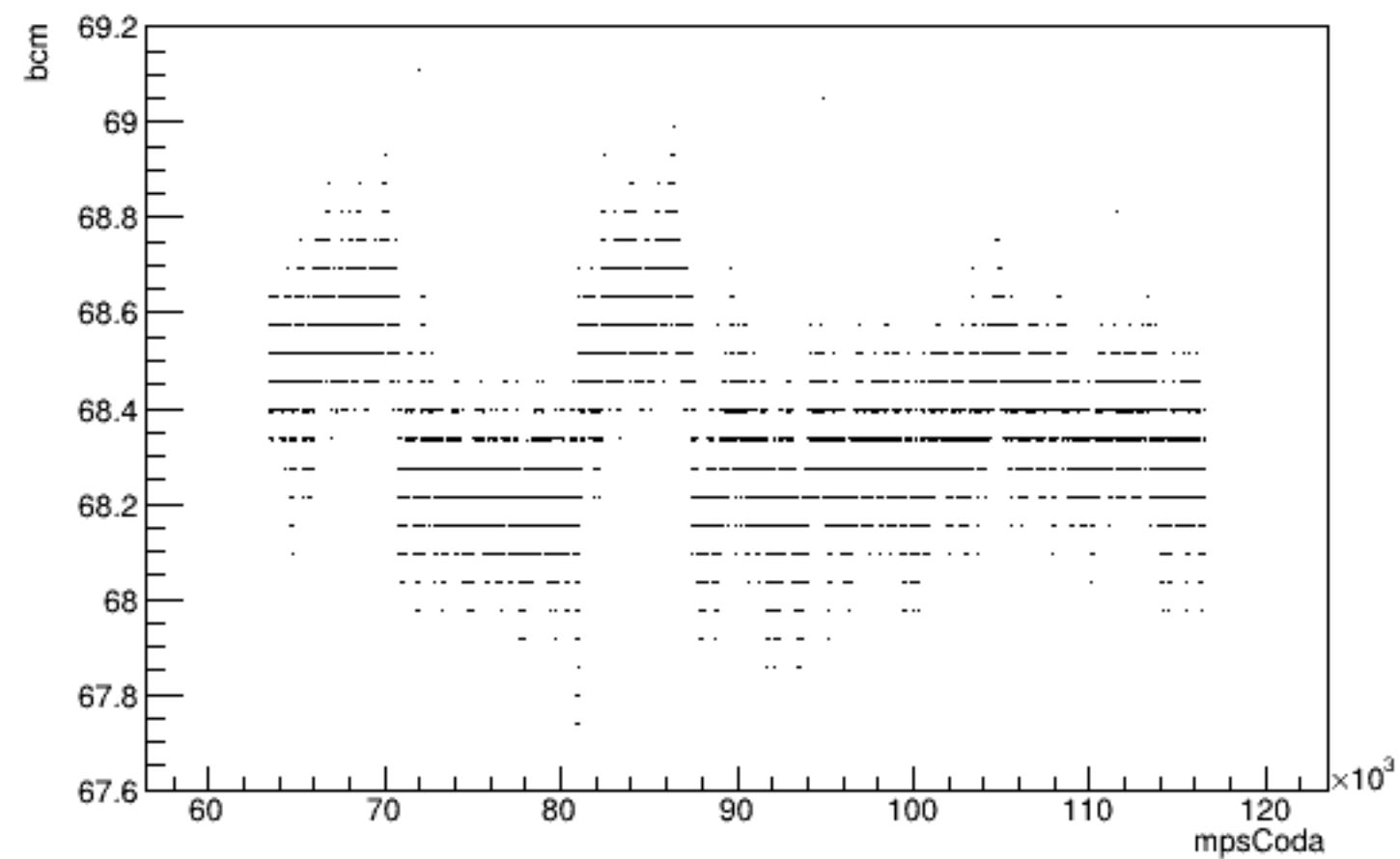
beamState + 1:mpsCoda {mpsCoda>=63412 && mpsCoda<=116619}



cavPowerCalibrated:mpsCoda {mpsCoda>=63412 && mpsCoda<=116619}



bcm:mpsCoda {mpsCoda>=63412 && mpsCoda<=116619}



Cycle 3, Diffs

Entries: 1797

Mean: -0.0052 +/- 0.0059

Std Dev: 0.2501 +/- 0.0042

Entries: 3740

Mean: 0.0587 +/- 0.0048

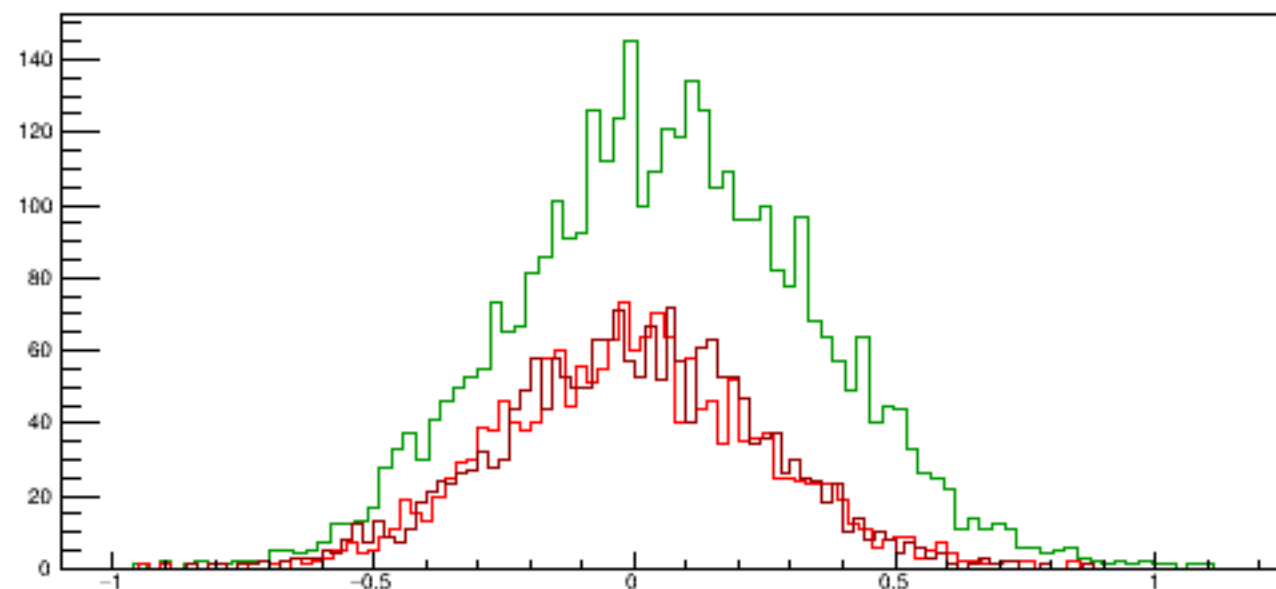
Std Dev: 0.2909 +/- 0.0034

Entries: 1940

Mean: -0.0067 +/- 0.0056

Std Dev: 0.2483 +/- 0.0040

Run 4358 quartetwise, Diffs



Cycle 3, Sums

Entries: 1797

Mean: 14.7043 +/- 0.0078

Std Dev: 0.3316 +/- 0.0055

Entries: 3740

Mean: 18.8957 +/- 0.0060

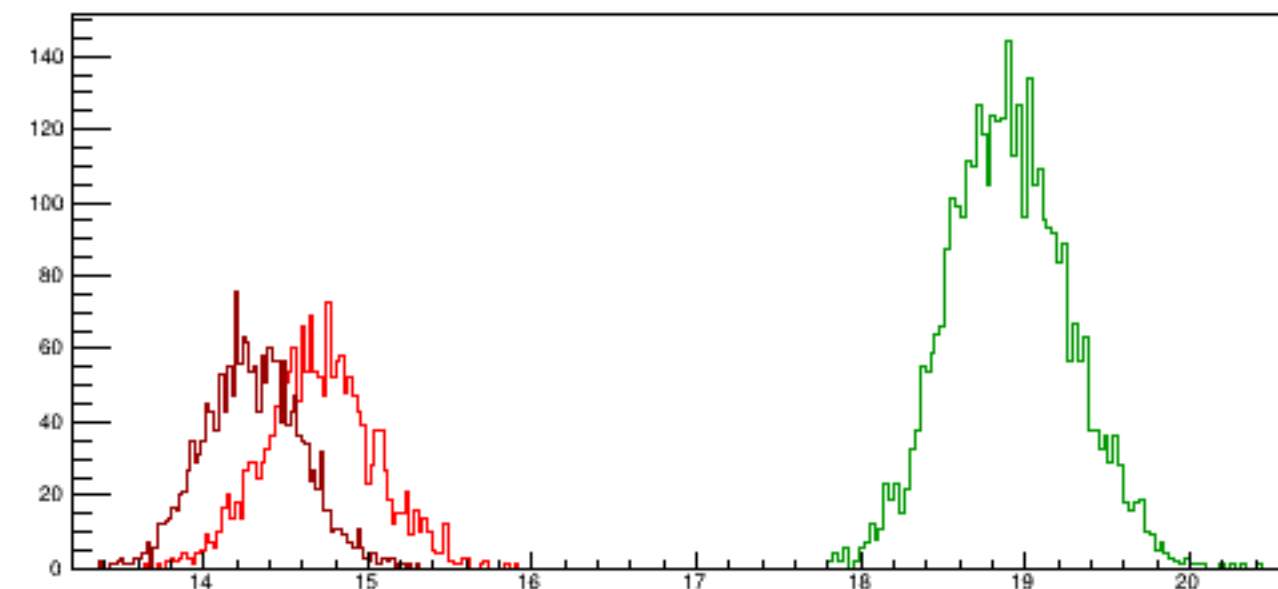
Std Dev: 0.3677 +/- 0.0043

Entries: 1940

Mean: 14.3015 +/- 0.0067

Std Dev: 0.2950 +/- 0.0047

Run 4358 quartetwise, Sums



Cycle 3, Asyms

Entries: 1797

Mean: -0.0012 +/- 0.0013

Std Dev: 0.0569 +/- 0.0009

Entries: 3740

Mean: 0.0133 +/- 0.0011

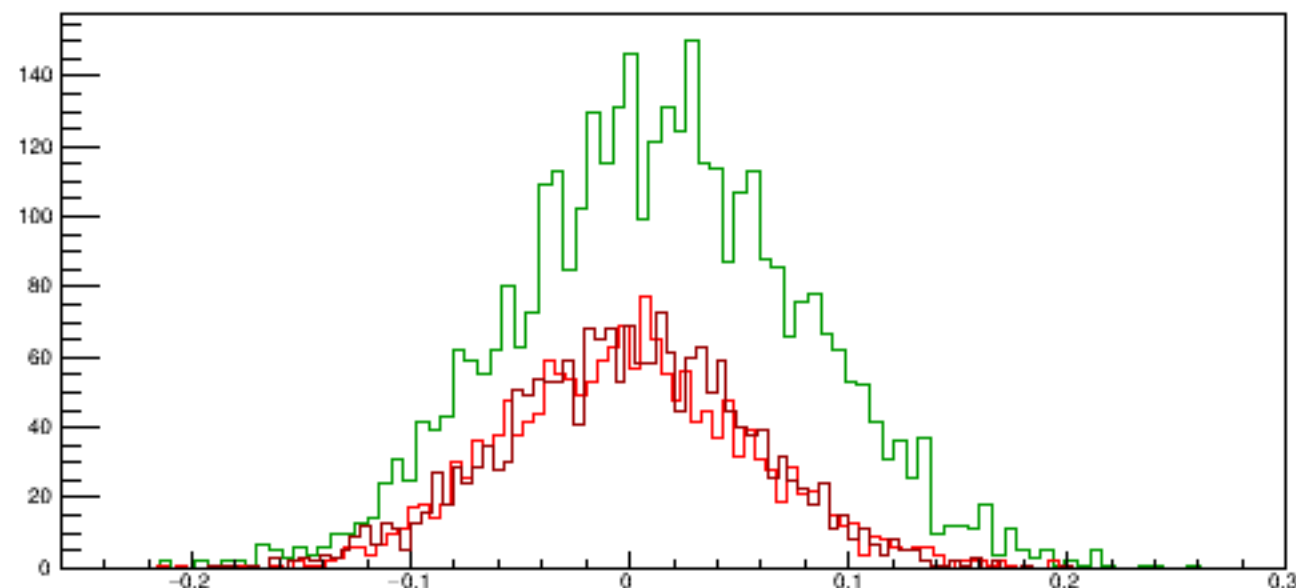
Std Dev: 0.0664 +/- 0.0008

Entries: 1940

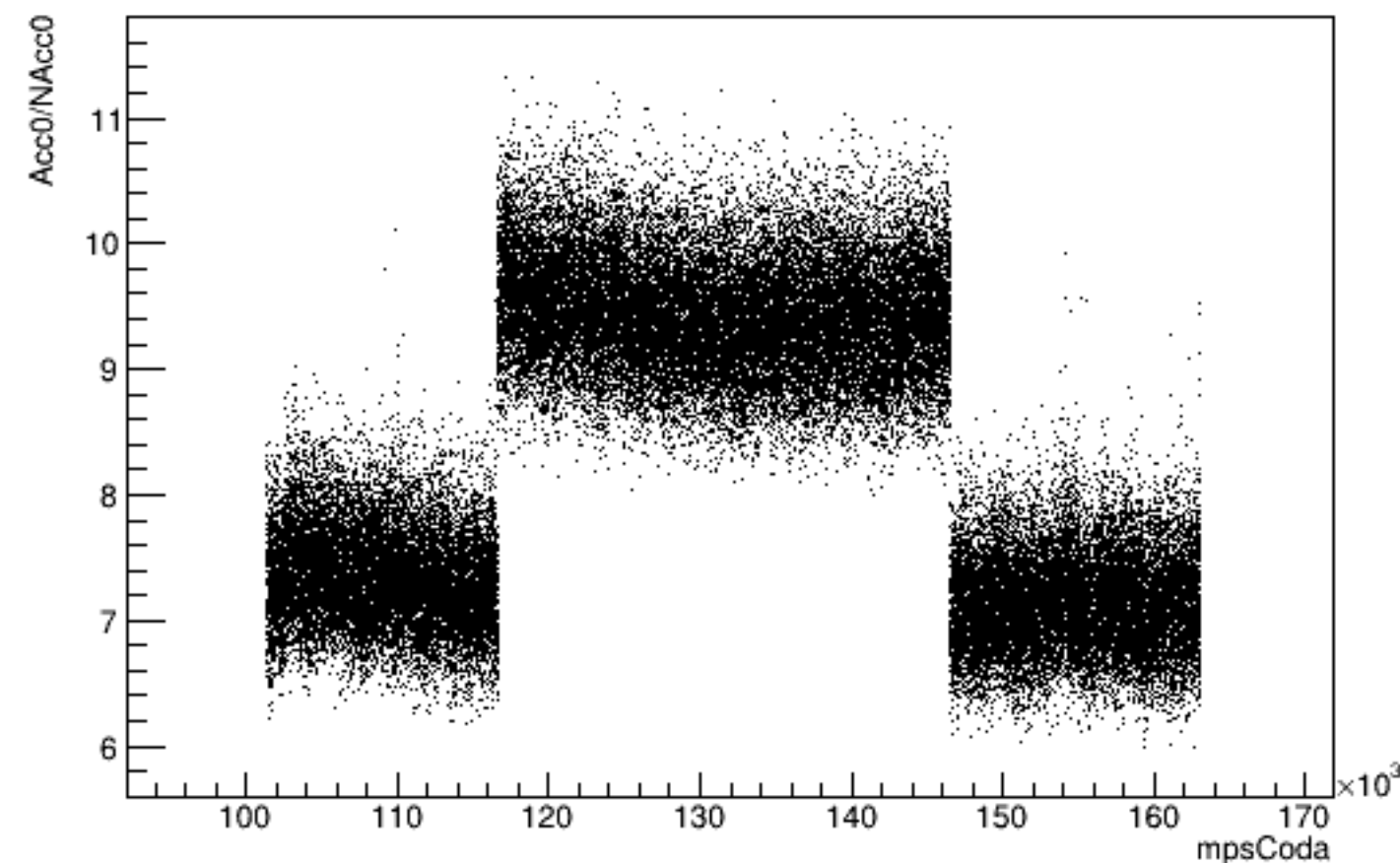
Mean: -0.0015 +/- 0.0013

Std Dev: 0.0565 +/- 0.0009

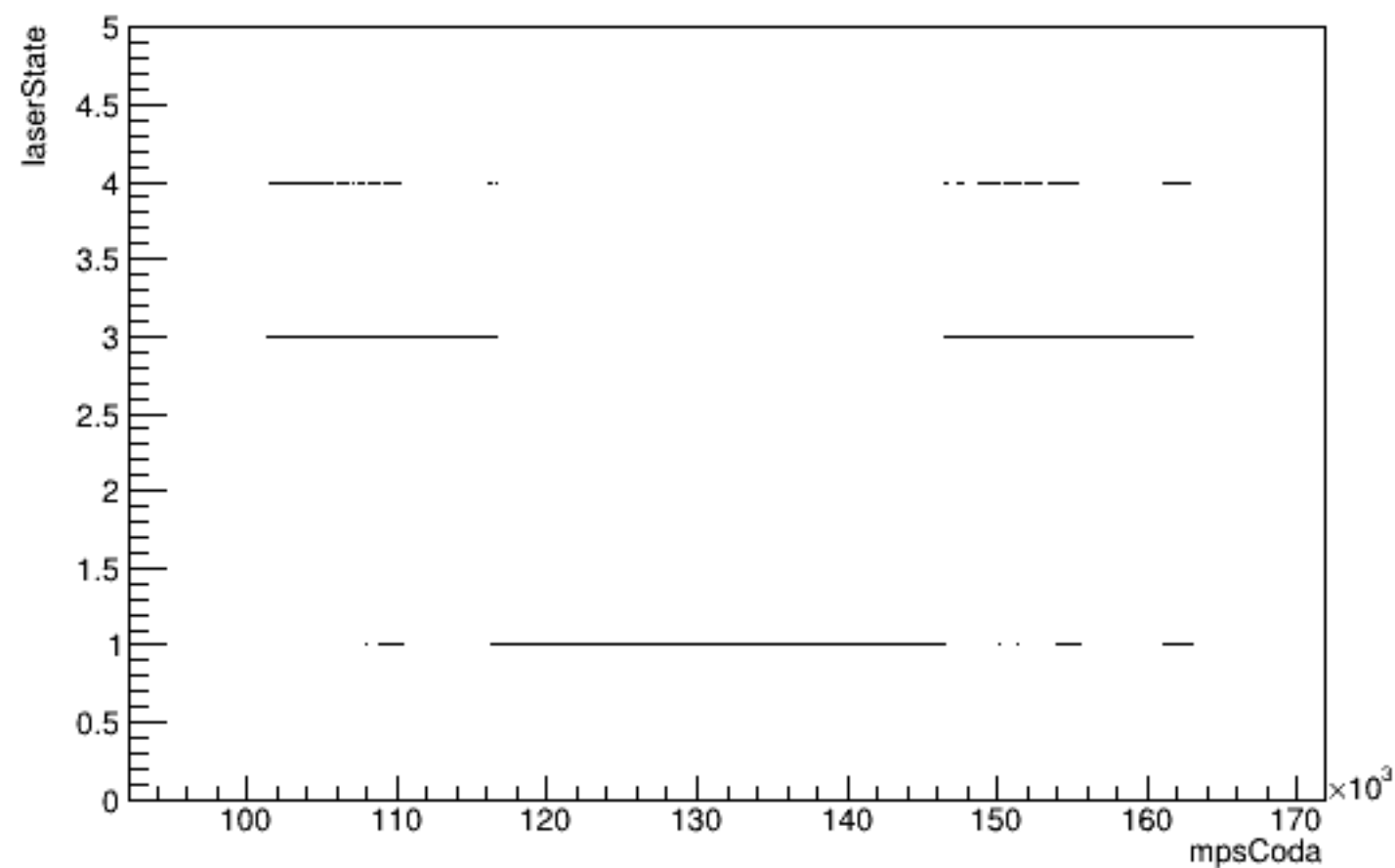
Run 4358 quartetwise, Asyms



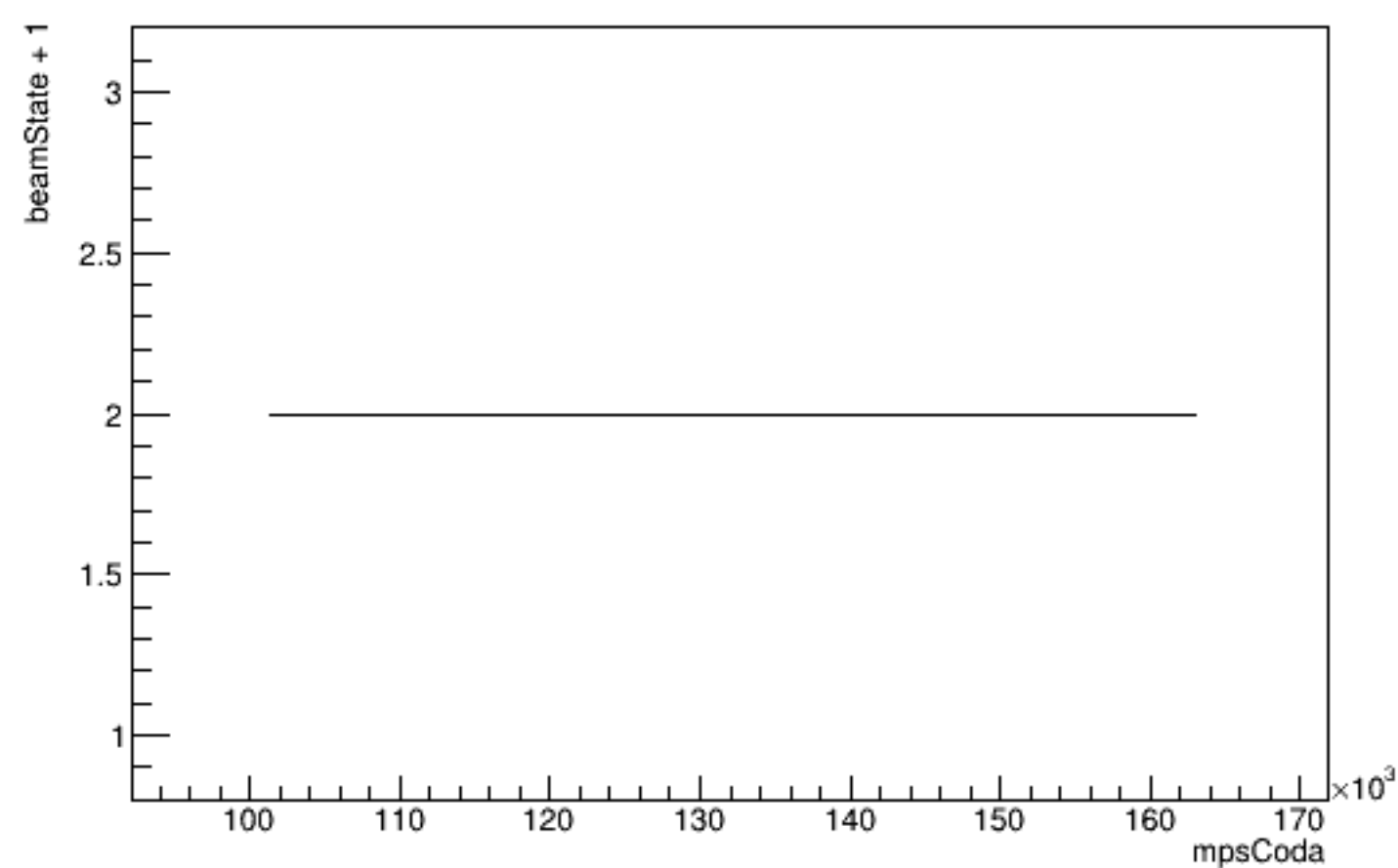
Acc0/NAcc0:mpsCoda (mpsCoda>=101348 && mpsCoda<=163091 && beamState==1)



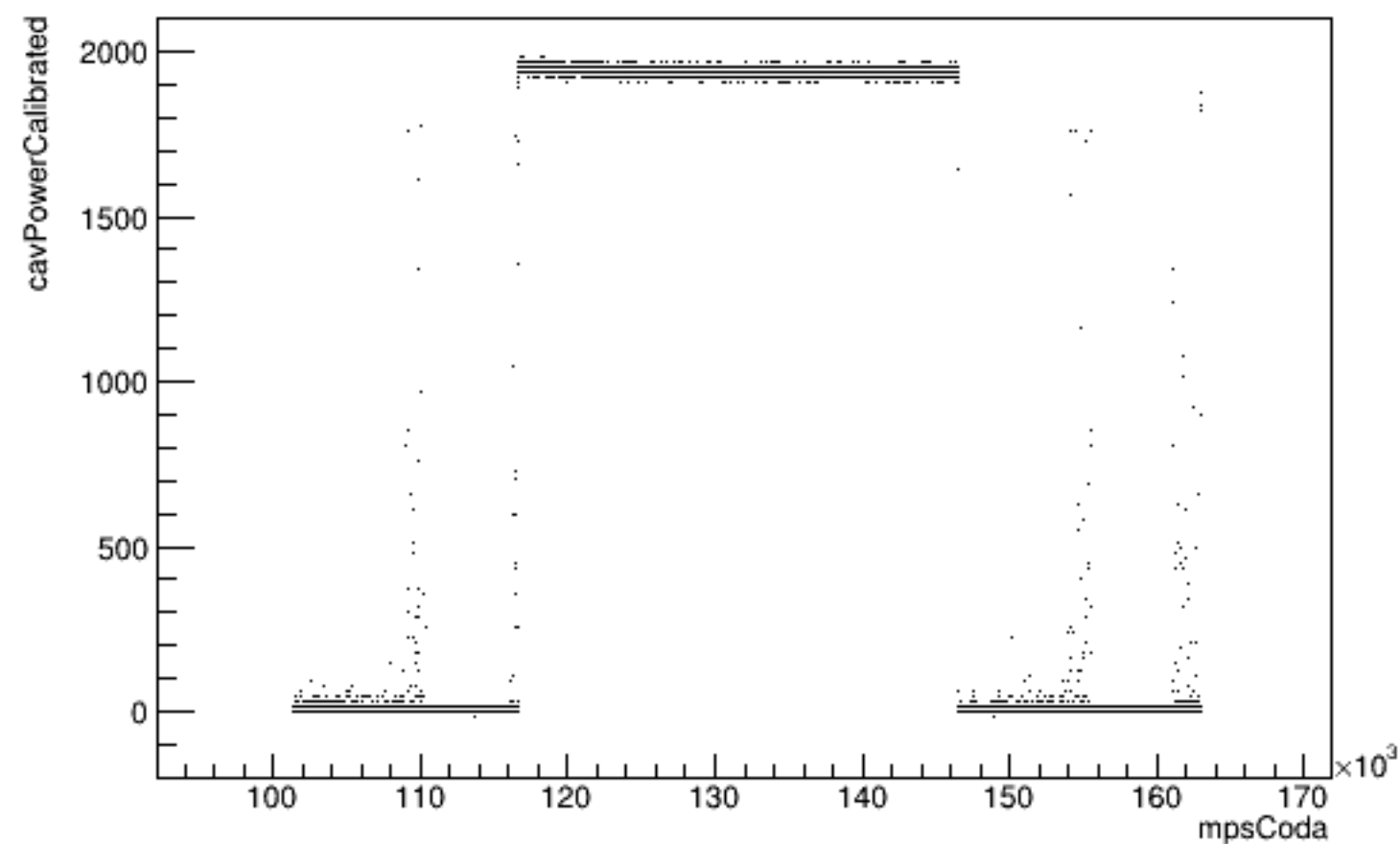
laserState:mpsCoda {mpsCoda>=101348 && mpsCoda<=163091}



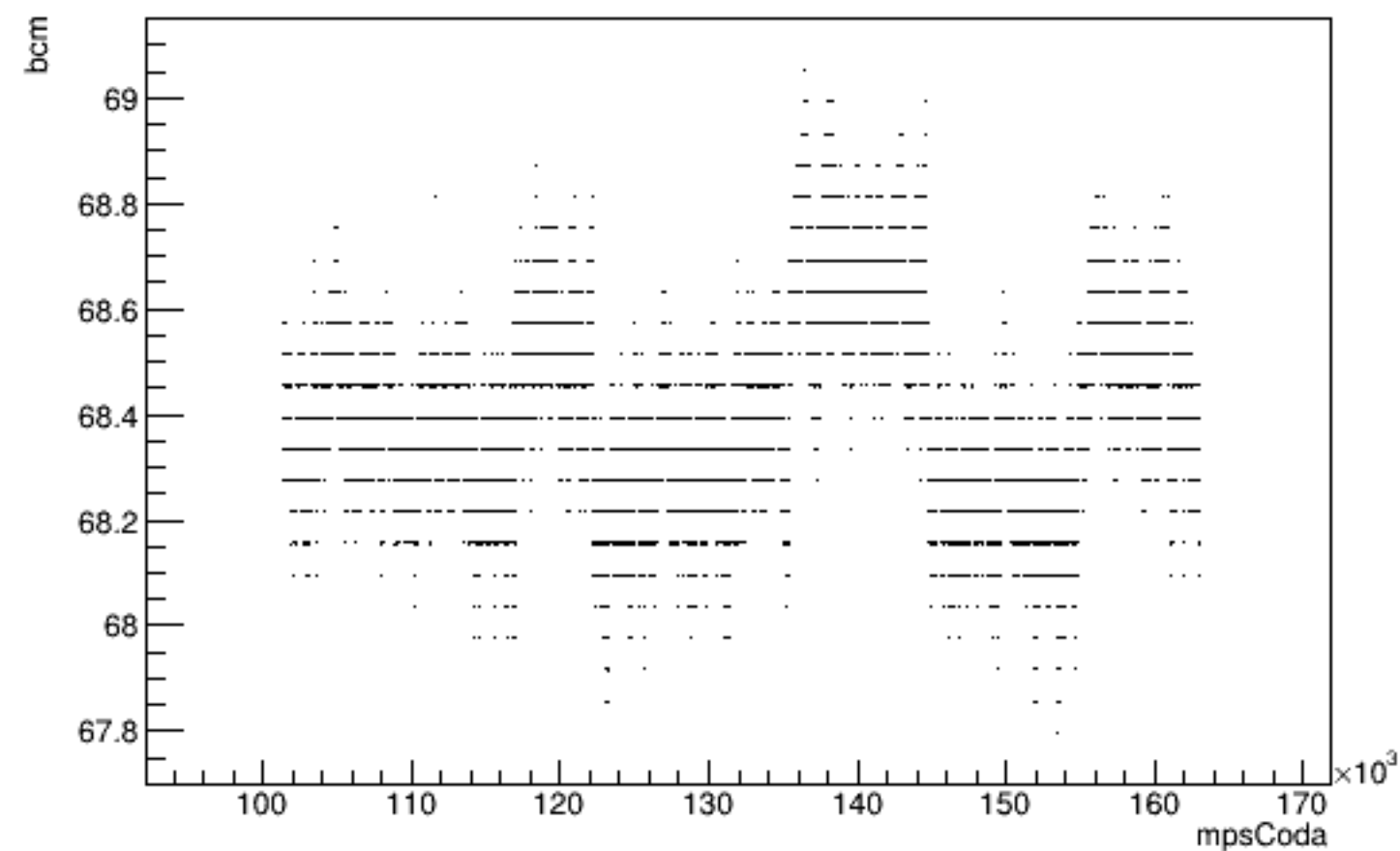
beamState + 1:mpsCoda {mpsCoda>=101348 && mpsCoda<=163091}



cavPowerCalibrated:mpsCoda {mpsCoda>=101348 && mpsCoda<=163091}



bcm:mpsCoda {mpsCoda>=101348 && mpsCoda<=163091}



Cycle 4, Diffs

Entries: 1940

Mean: -0.0067 +/- 0.0056

Std Dev: 0.2483 +/- 0.0040

Entries: 3703

Mean: 0.0750 +/- 0.0048

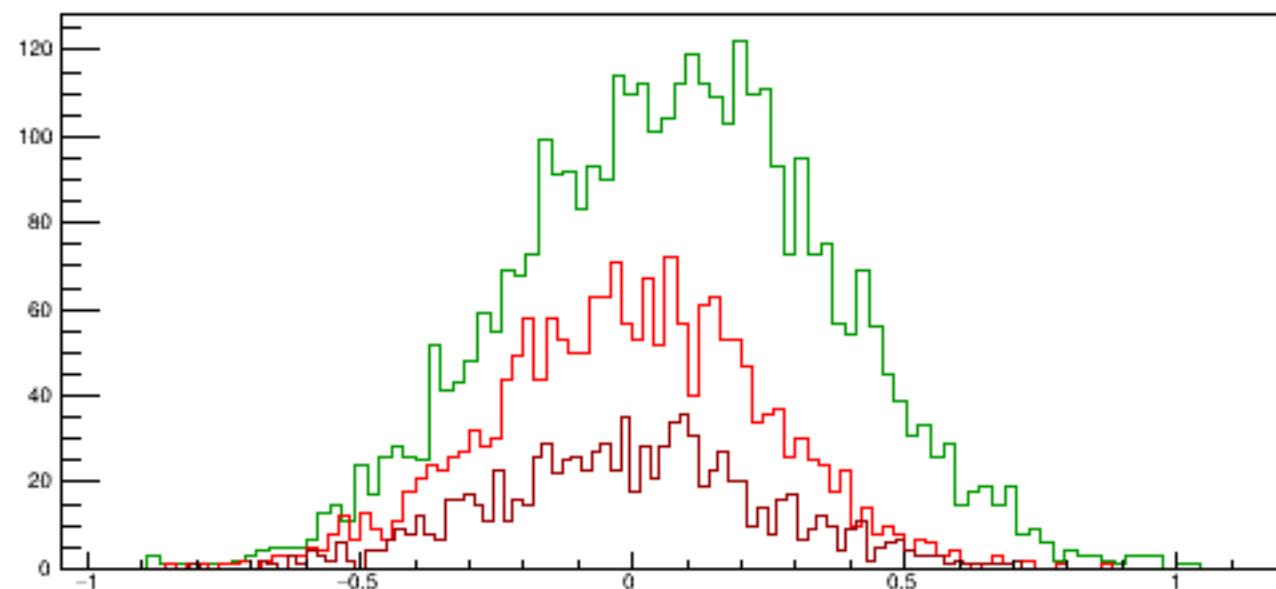
Std Dev: 0.2914 +/- 0.0034

Entries: 964

Mean: -0.0067 +/- 0.0081

Std Dev: 0.2522 +/- 0.0057

Run 4358 quartetwise, Diffs



Cycle 4, Sums

Entries: 1940

Mean: 14.3015 +/- 0.0067

Std Dev: 0.2950 +/- 0.0047

Entries: 3703

Mean: 19.0700 +/- 0.0060

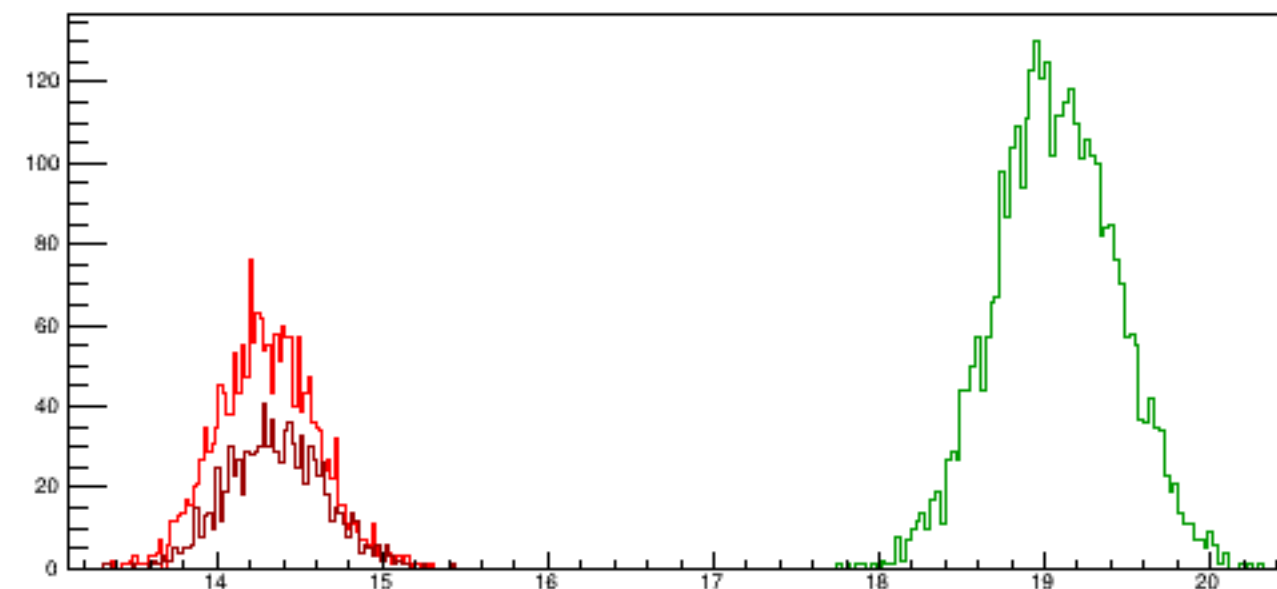
Std Dev: 0.3665 +/- 0.0043

Entries: 964

Mean: 14.3592 +/- 0.0095

Std Dev: 0.2963 +/- 0.0067

Run 4358 quartetwise, Sums



Cycle 4, Asyms

Entries: 1940

Mean: -0.0014 +/- 0.0012

Std Dev: 0.0524 +/- 0.0008

Entries: 3703

Mean: 0.0158 +/- 0.0010

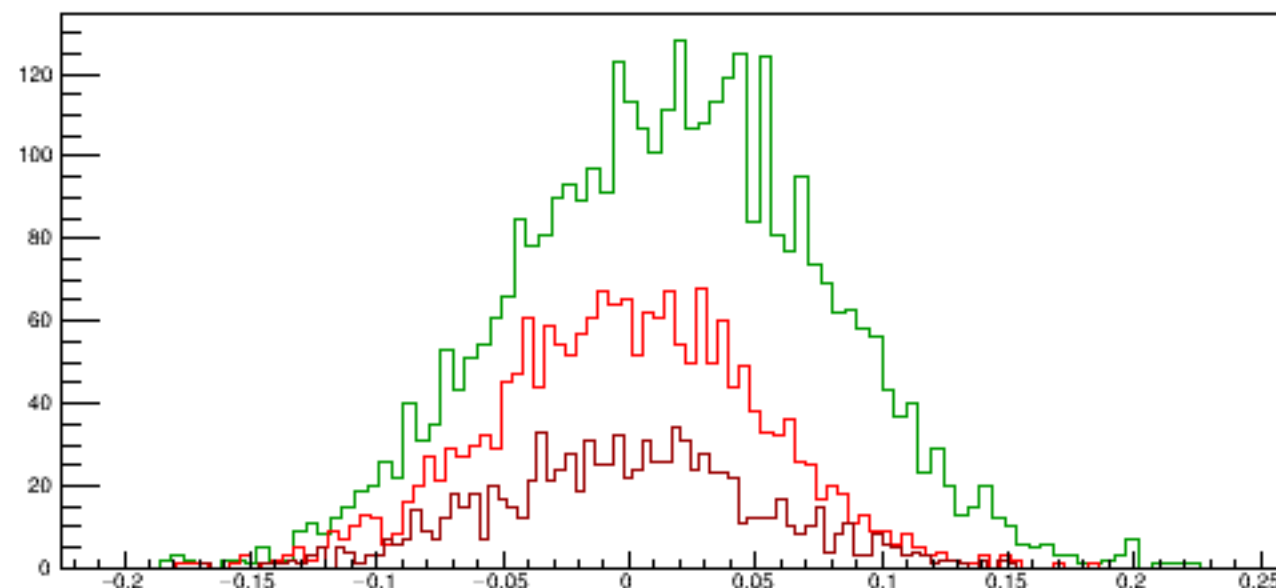
Std Dev: 0.0615 +/- 0.0007

Entries: 964

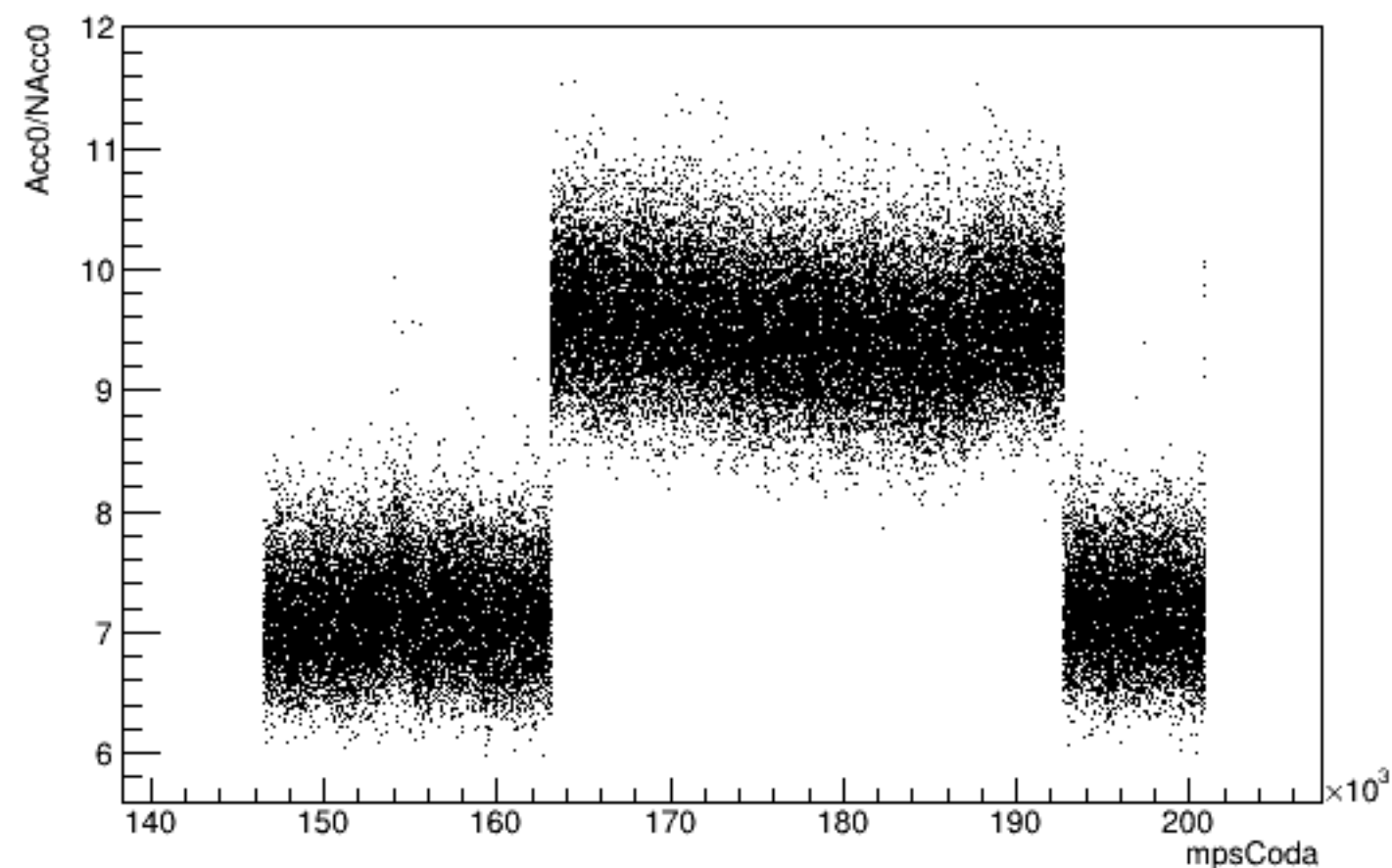
Mean: -0.0014 +/- 0.0017

Std Dev: 0.0532 +/- 0.0012

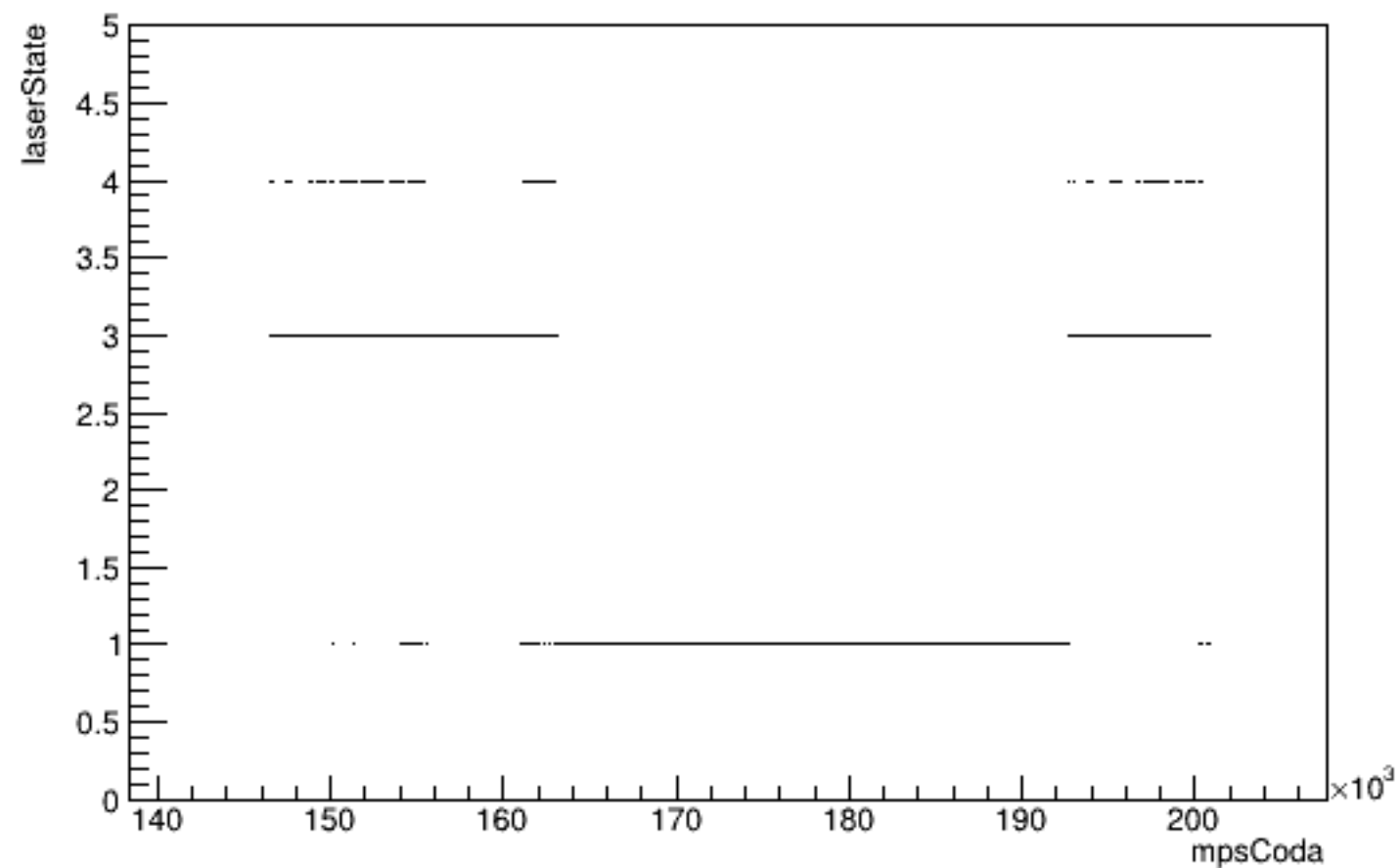
Run 4358 quartetwise, Asyms



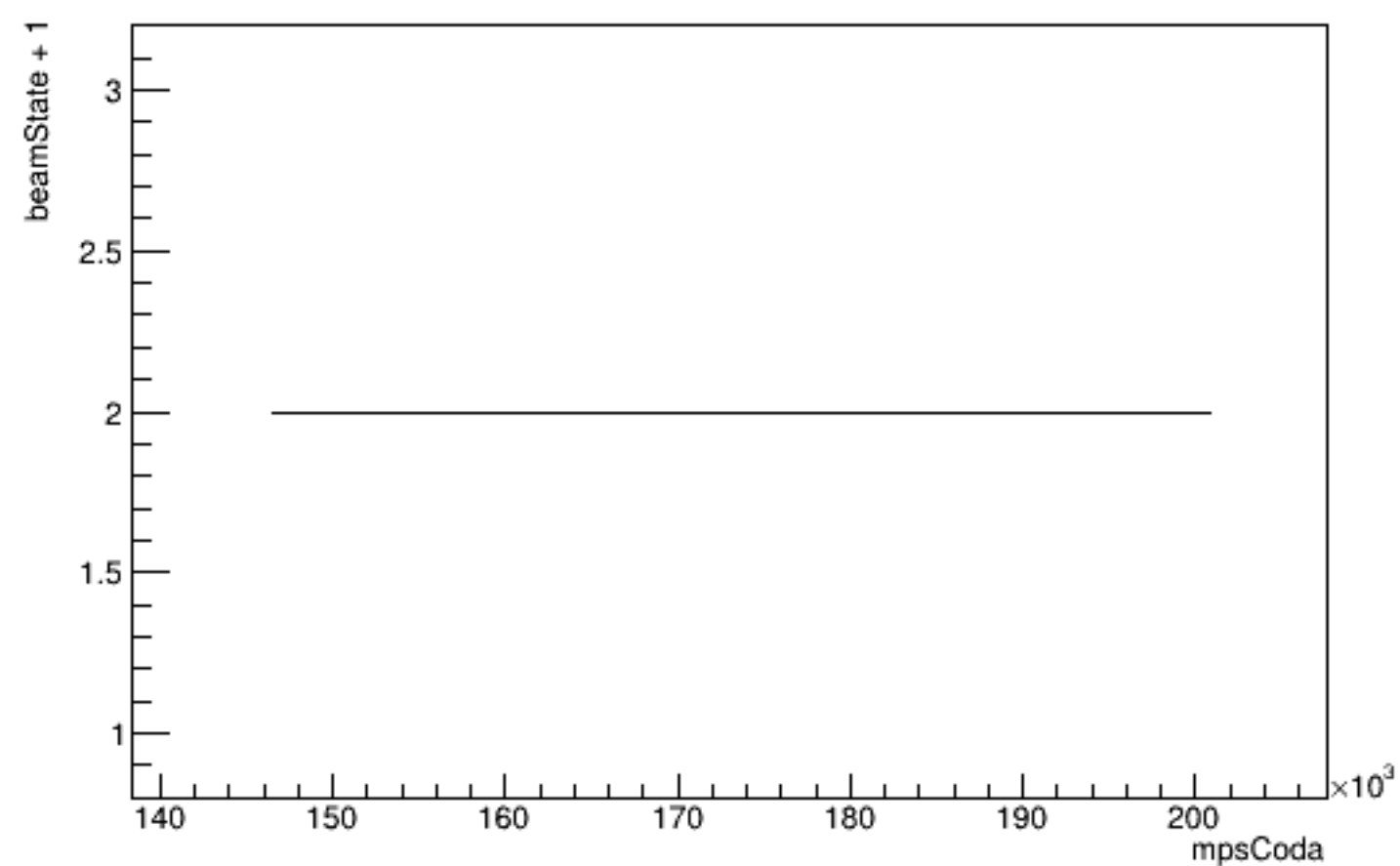
Acc0/NAcc0:mpsCoda (mpsCoda>=146548 && mpsCoda<=200899 && beamState==1)



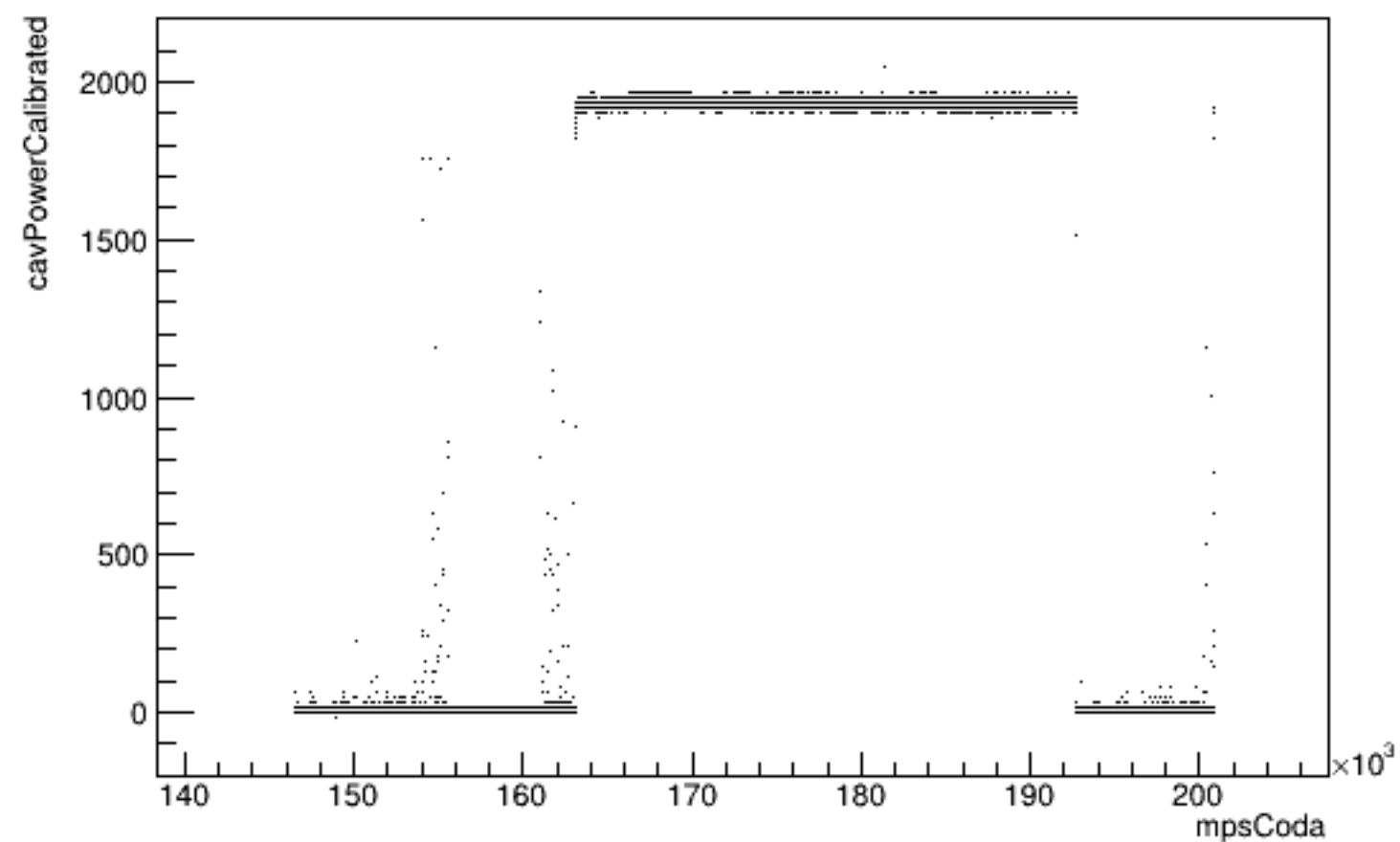
laserState:mpsCoda {mpsCoda>=146548 && mpsCoda<=200899}



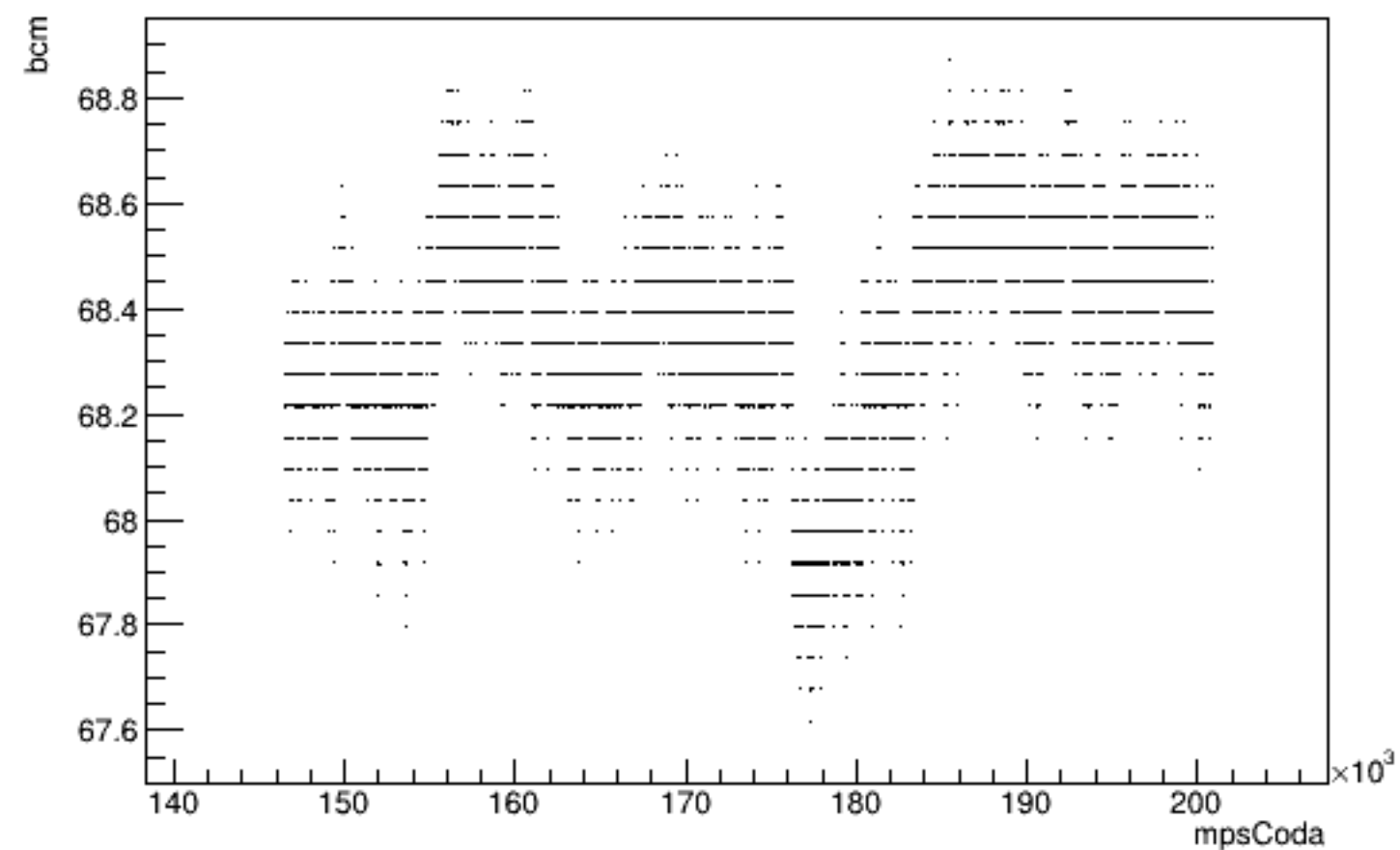
beamState + 1:mpsCoda {mpsCoda>=146548 && mpsCoda<=200899}



cavPowerCalibrated:mpsCoda {mpsCoda>=146548 && mpsCoda<=200899}



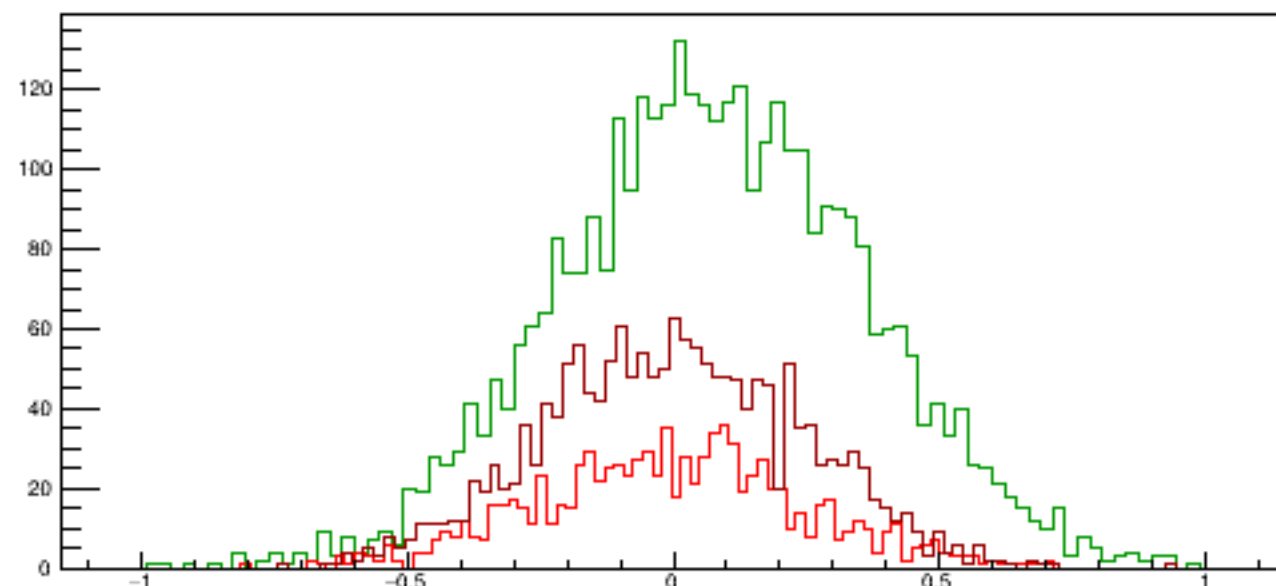
bcm:mpsCoda {mpsCoda>=146548 && mpsCoda<=200899}



Cycle 5, Diffs

Entries: 964	Entries: 3719	Entries: 1732
Mean: -0.0067 +/- 0.0081	Mean: 0.0746 +/- 0.0047	Mean: -0.0020 +/- 0.0058
Std Dev: 0.2522 +/- 0.0057	Std Dev: 0.2861 +/- 0.0033	Std Dev: 0.2413 +/- 0.0041

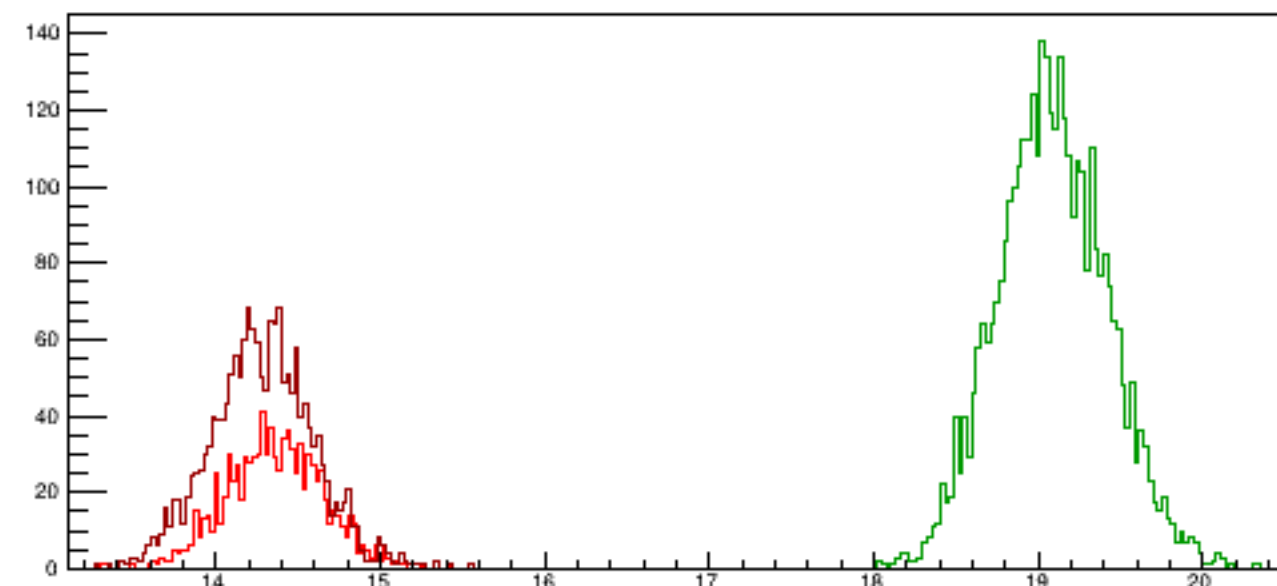
Run 4358 quartetwise, Diffs



Cycle 5, Sums

Entries: 964	Entries: 3719	Entries: 1732
Mean: 14.3592 +/- 0.0095	Mean: 19.0871 +/- 0.0055	Mean: 14.2804 +/- 0.0075
Std Dev: 0.2963 +/- 0.0067	Std Dev: 0.3337 +/- 0.0039	Std Dev: 0.3123 +/- 0.0053

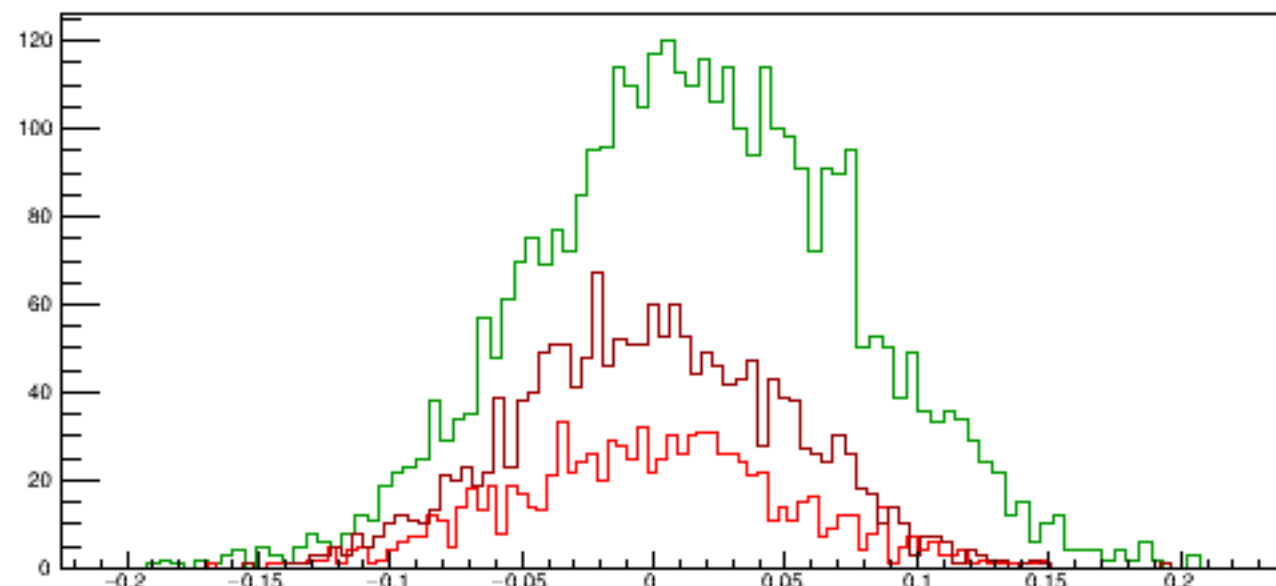
Run 4358 quartetwise, Sums



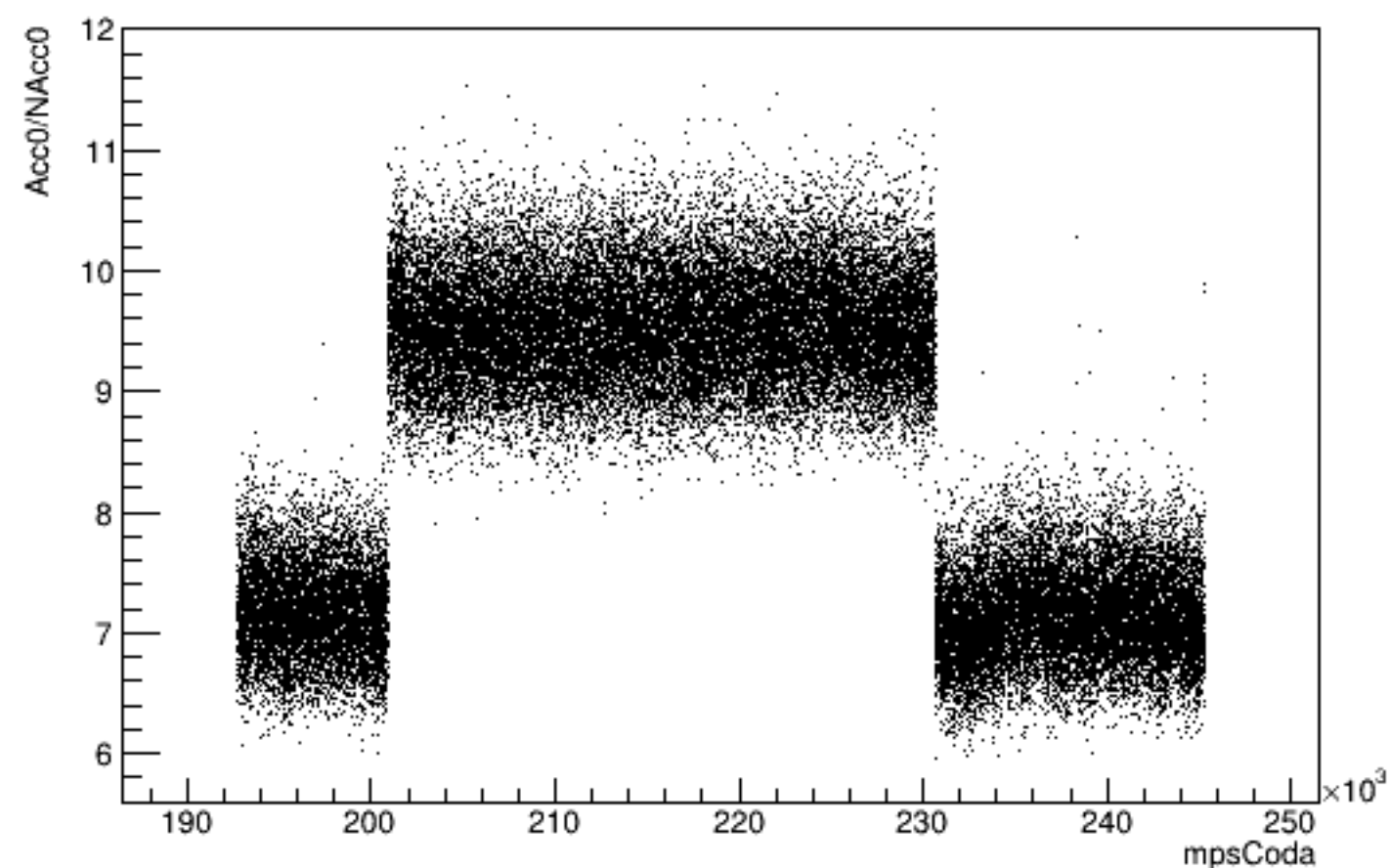
Cycle 5, Asyms

Entries: 964	Entries: 3719	Entries: 1732
Mean: -0.0014 +/- 0.0017	Mean: 0.0157 +/- 0.0010	Mean: -0.0004 +/- 0.0012
Std Dev: 0.0529 +/- 0.0012	Std Dev: 0.0601 +/- 0.0007	Std Dev: 0.0506 +/- 0.0009

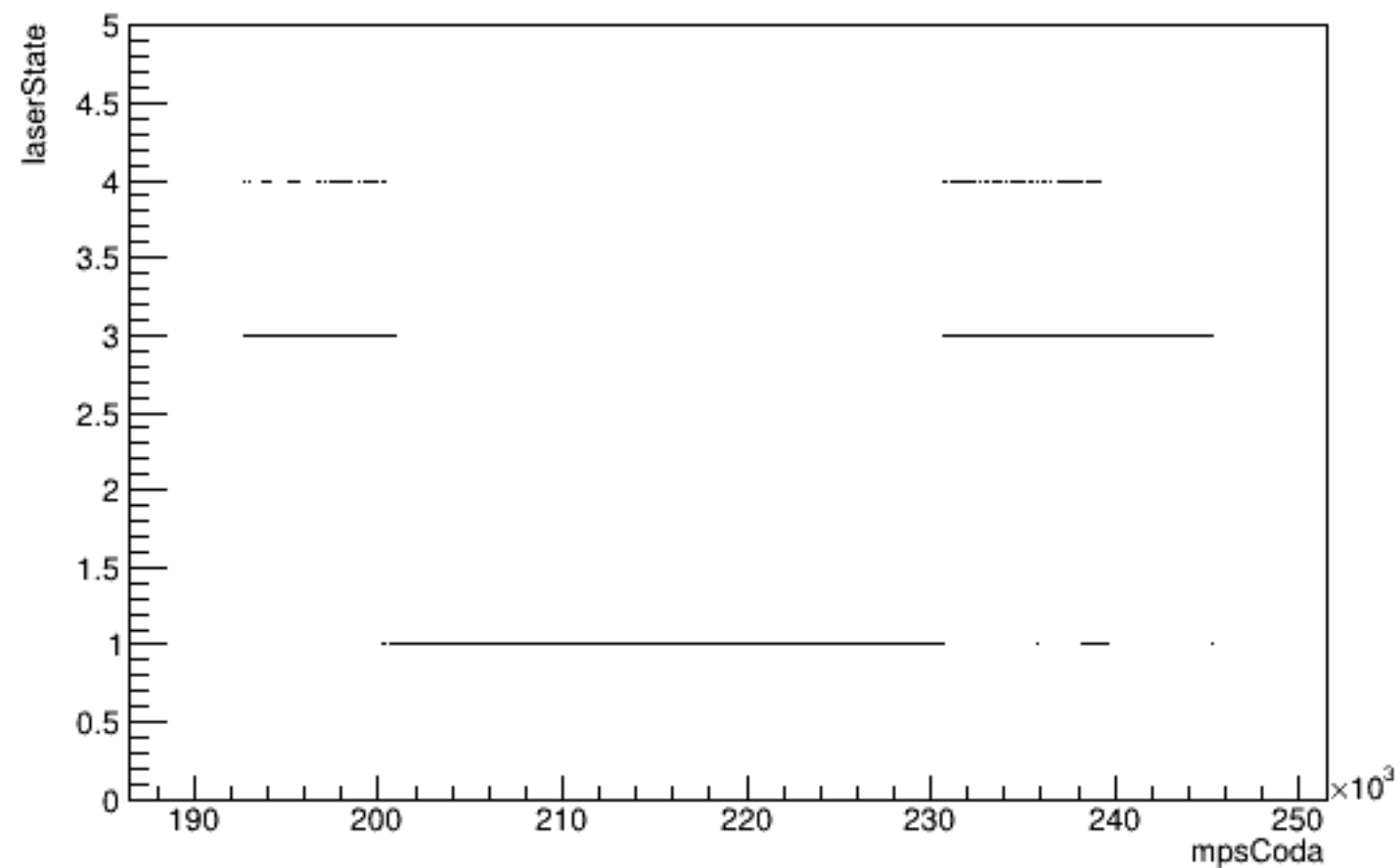
Run 4358 quartetwise, Asyms



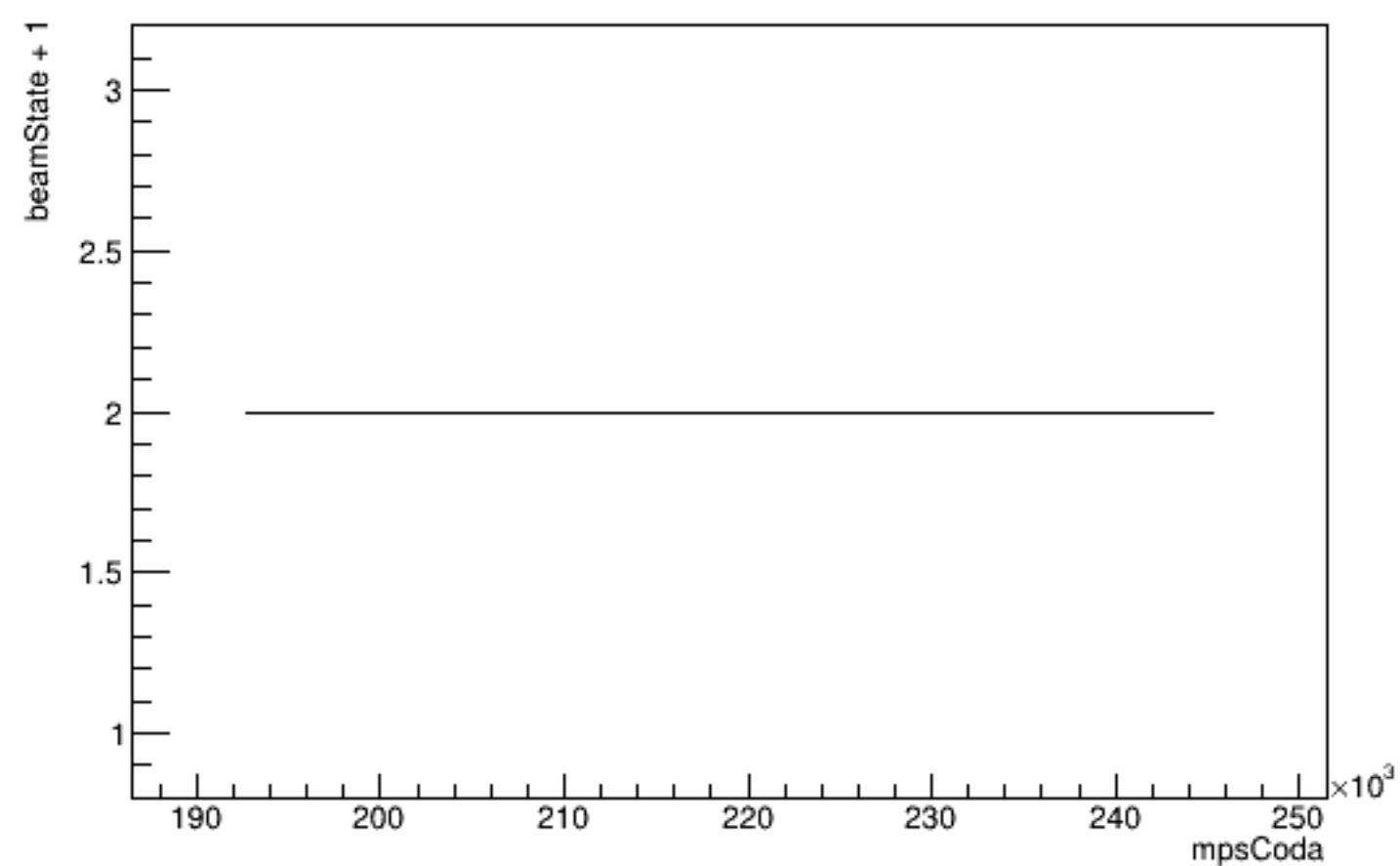
Acc0/NAcc0:mpsCoda (mpsCoda>=192724 && mpsCoda<=245283 && beamState==1)



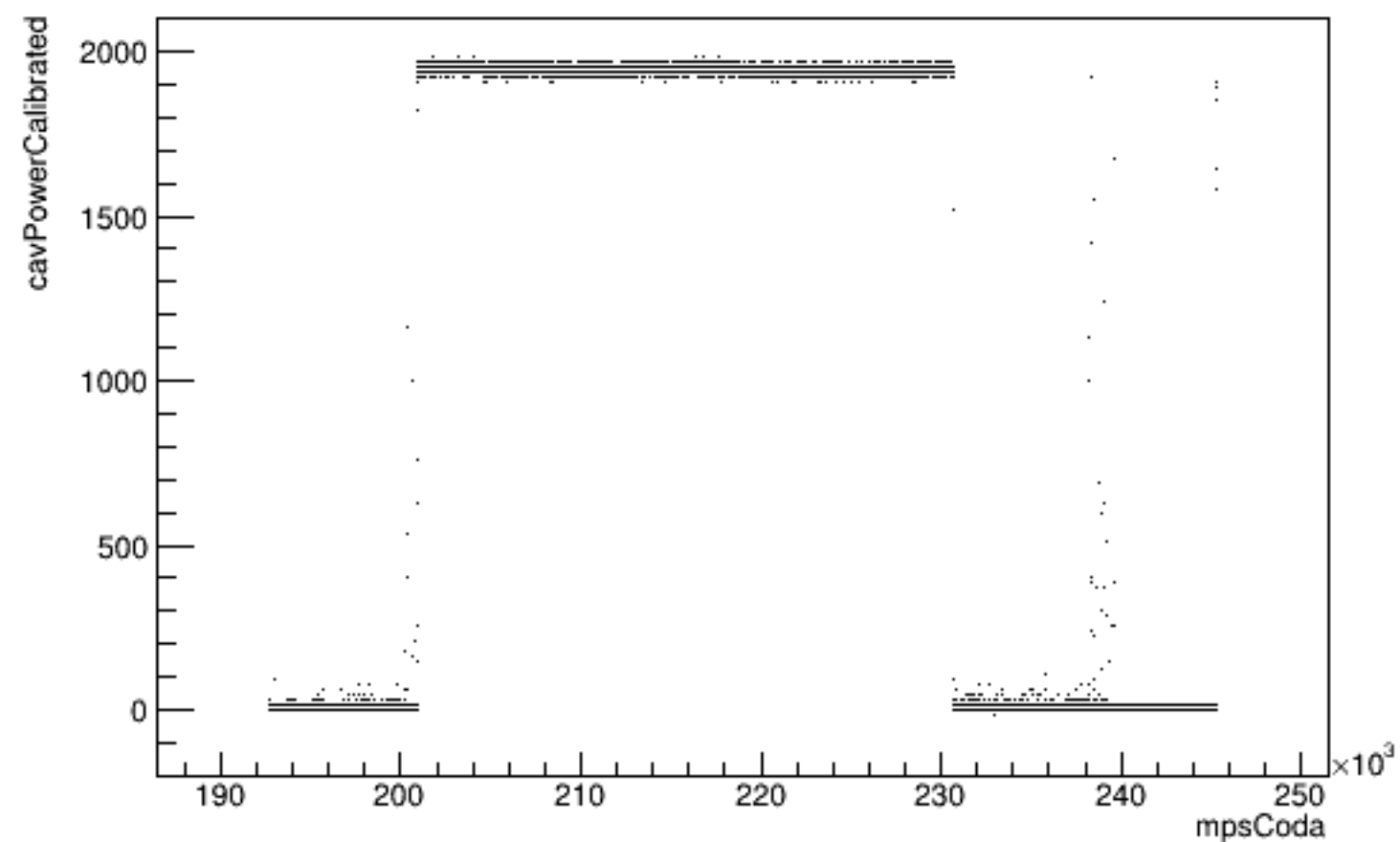
laserState:mpsCoda {mpsCoda>=192724 && mpsCoda<=245283}



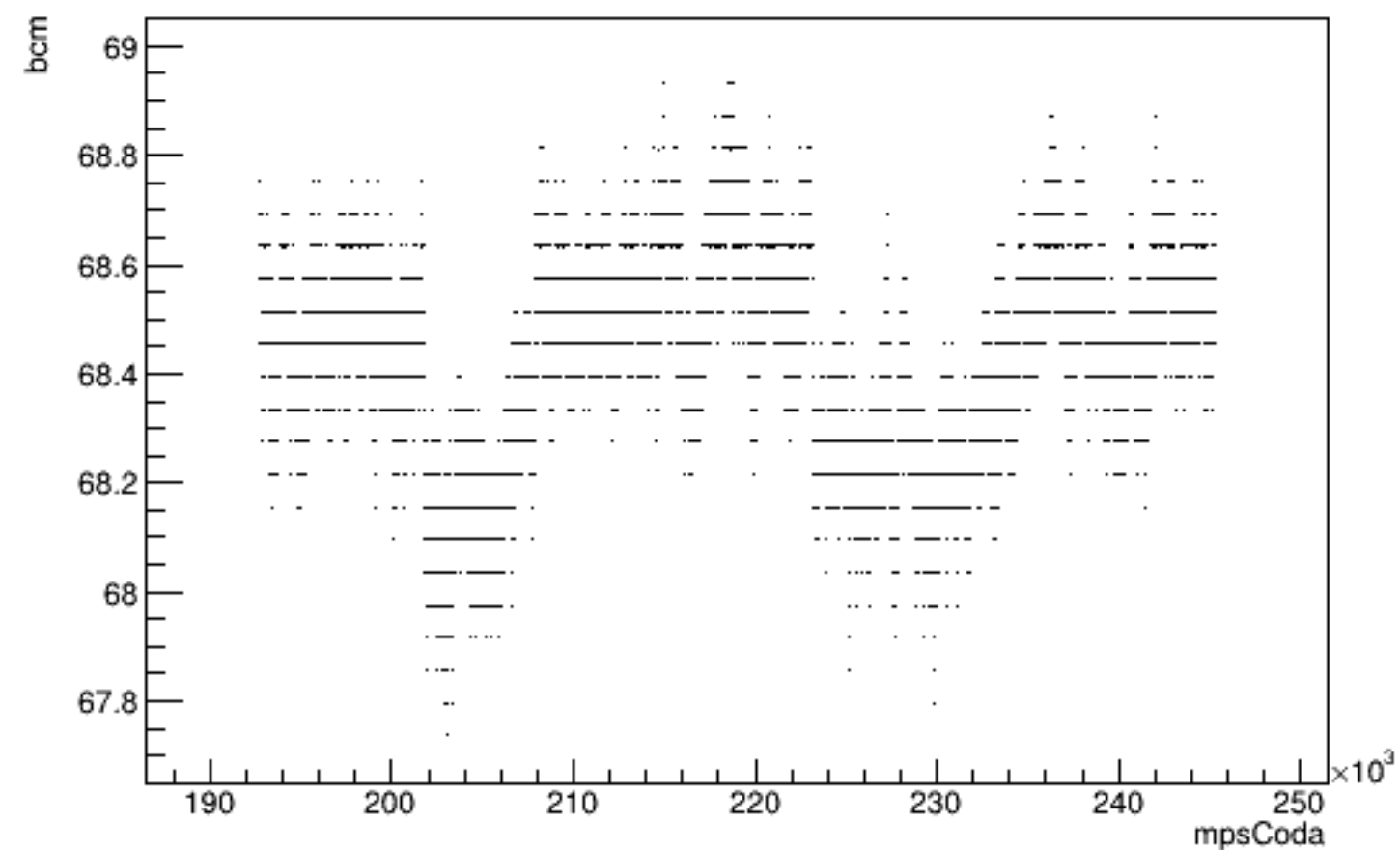
beamState + 1:mpsCoda {mpsCoda>=192724 && mpsCoda<=245283}



cavPowerCalibrated:mpsCoda {mpsCoda>=192724 && mpsCoda<=245283}



bcm:mpsCoda {mpsCoda>=192724 && mpsCoda<=245283}



Cycle 6, Diffs

Entries: 1732

Mean: -0.0020 +/- 0.0058

Std Dev: 0.2413 +/- 0.0041

Entries: 3700

Mean: 0.0719 +/- 0.0047

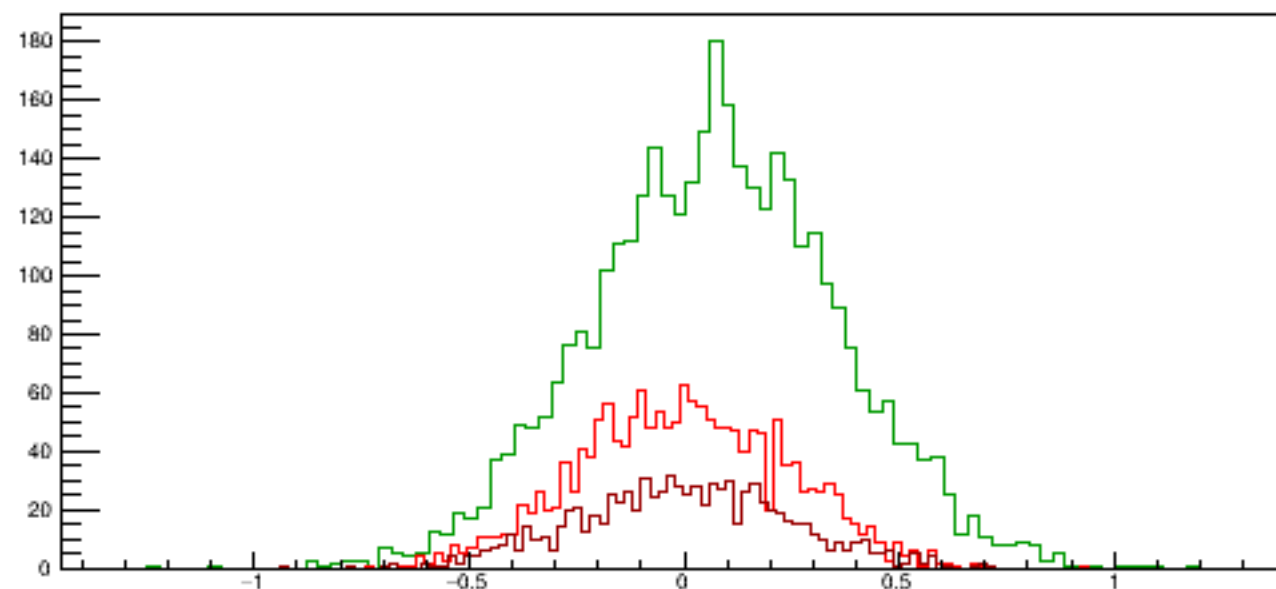
Std Dev: 0.2883 +/- 0.0034

Entries: 875

Mean: -0.0035 +/- 0.0084

Std Dev: 0.2475 +/- 0.0059

Run 4358 quartetwise, Diffs



Cycle 6, Sums

Entries: 1732

Mean: 14.2804 +/- 0.0075

Std Dev: 0.3123 +/- 0.0053

Entries: 3700

Mean: 19.2175 +/- 0.0056

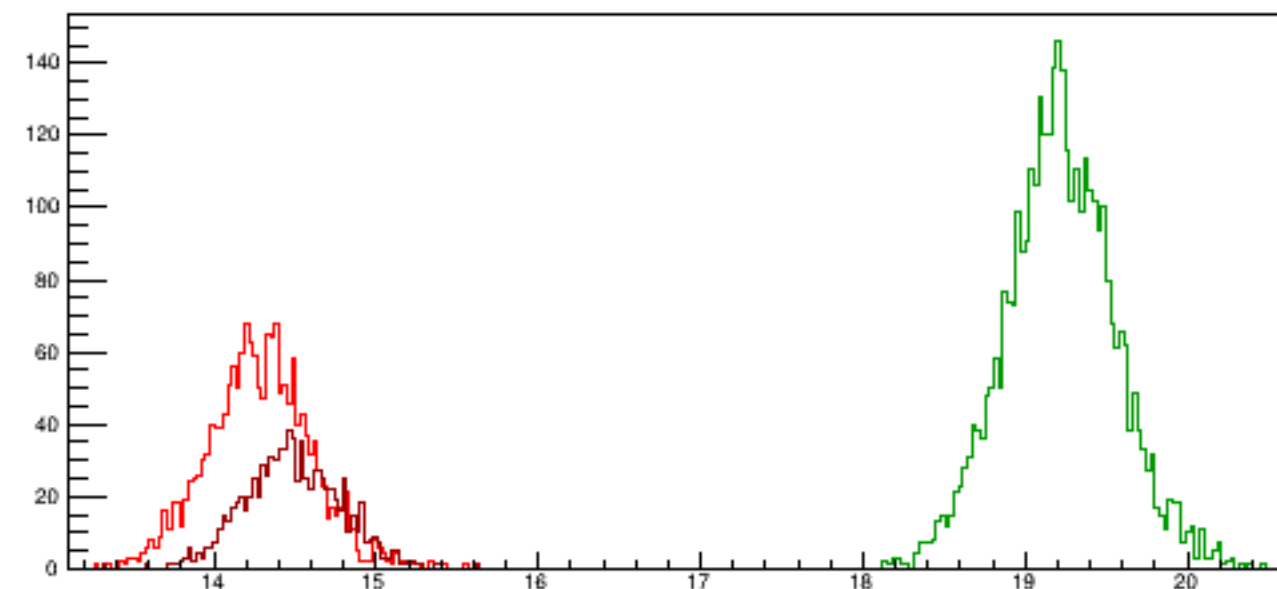
Std Dev: 0.3402 +/- 0.0040

Entries: 875

Mean: 14.4850 +/- 0.0100

Std Dev: 0.2947 +/- 0.0070

Run 4358 quartetwise, Sums



Cycle 6, Asyms

Entries: 1732

Mean: -0.0004 +/- 0.0012

Std Dev: 0.0499 +/- 0.0008

Entries: 3700

Mean: 0.0149 +/- 0.0010

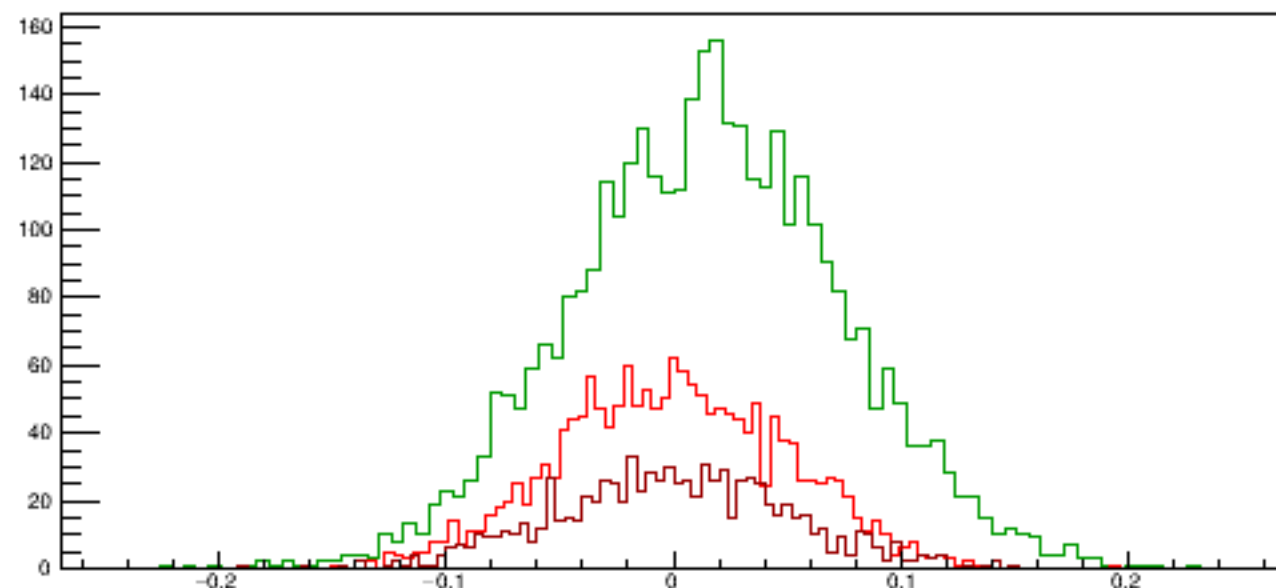
Std Dev: 0.0597 +/- 0.0007

Entries: 875

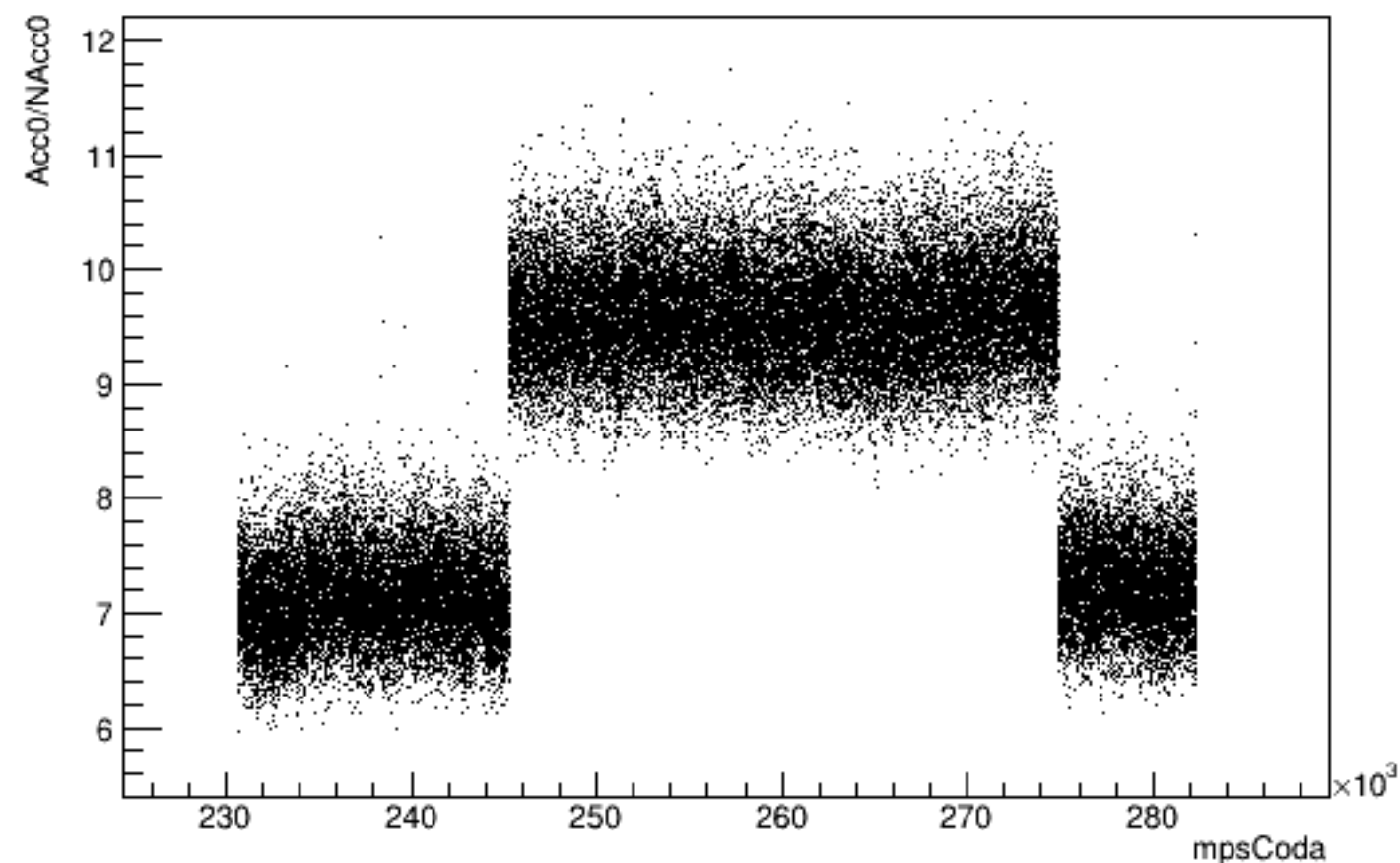
Mean: -0.0007 +/- 0.0017

Std Dev: 0.0512 +/- 0.0012

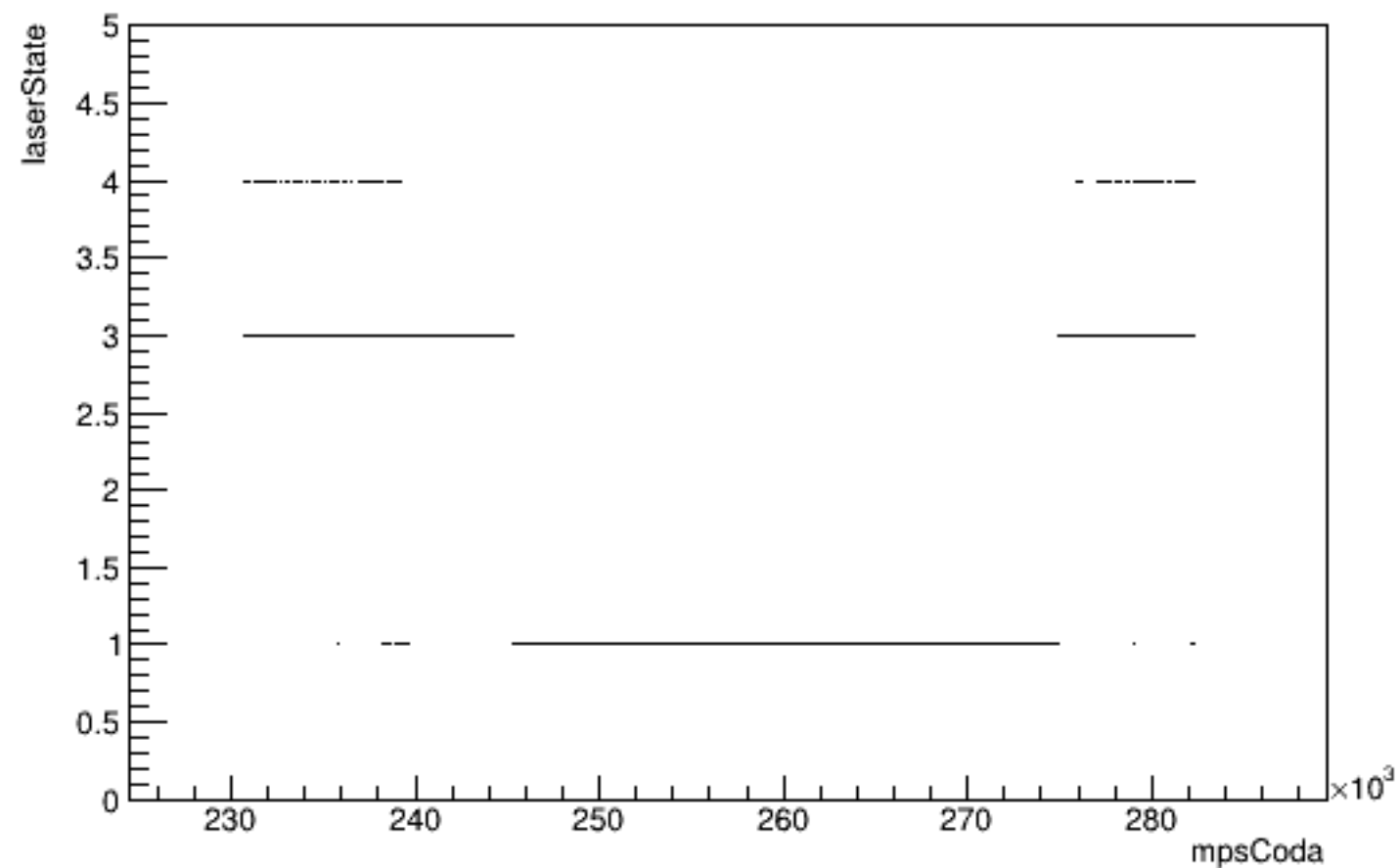
Run 4358 quartetwise, Asyms



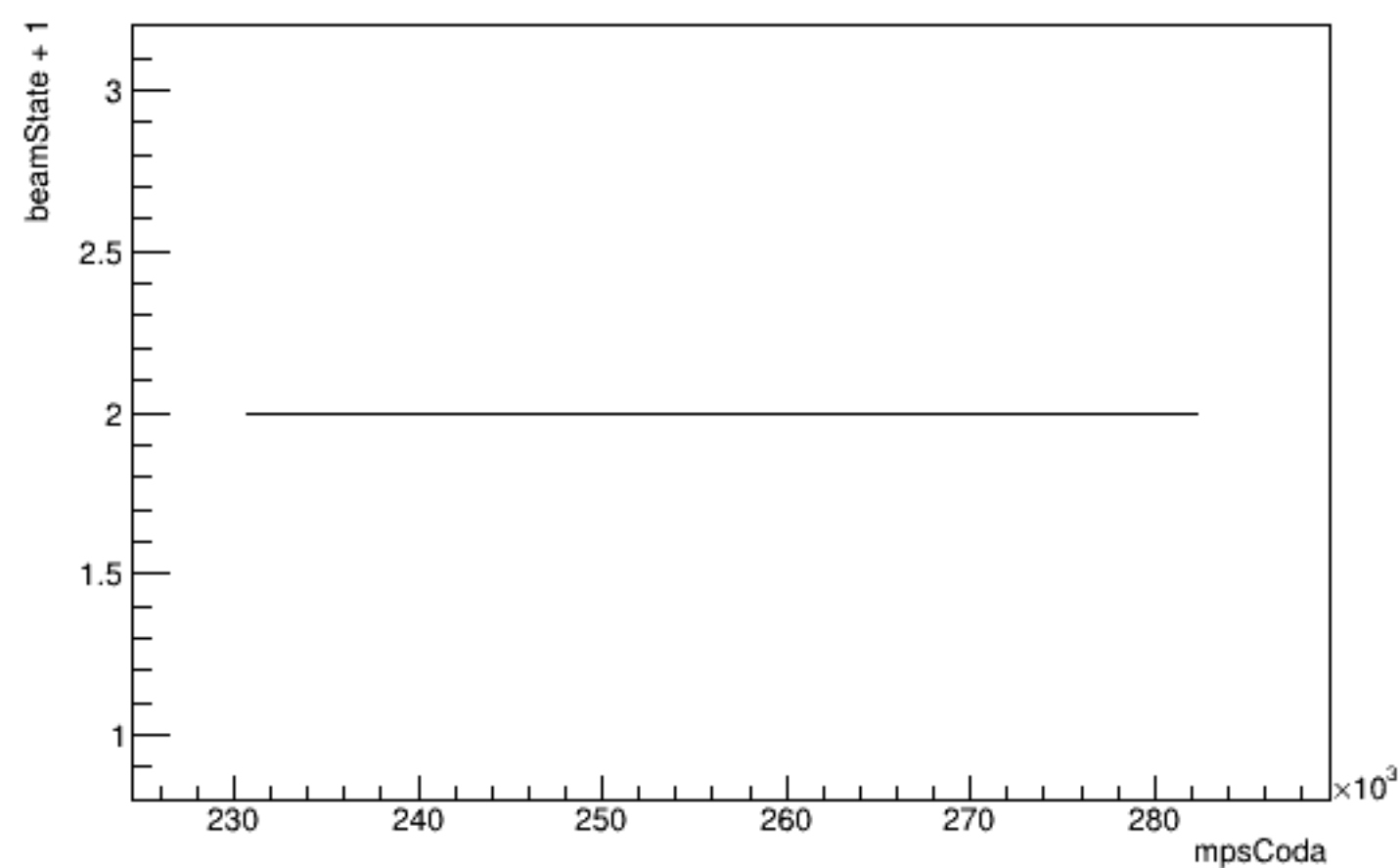
Acc0/NAcc0:mpsCoda (mpsCoda>=230660 && mpsCoda<=282347 && beamState==1)



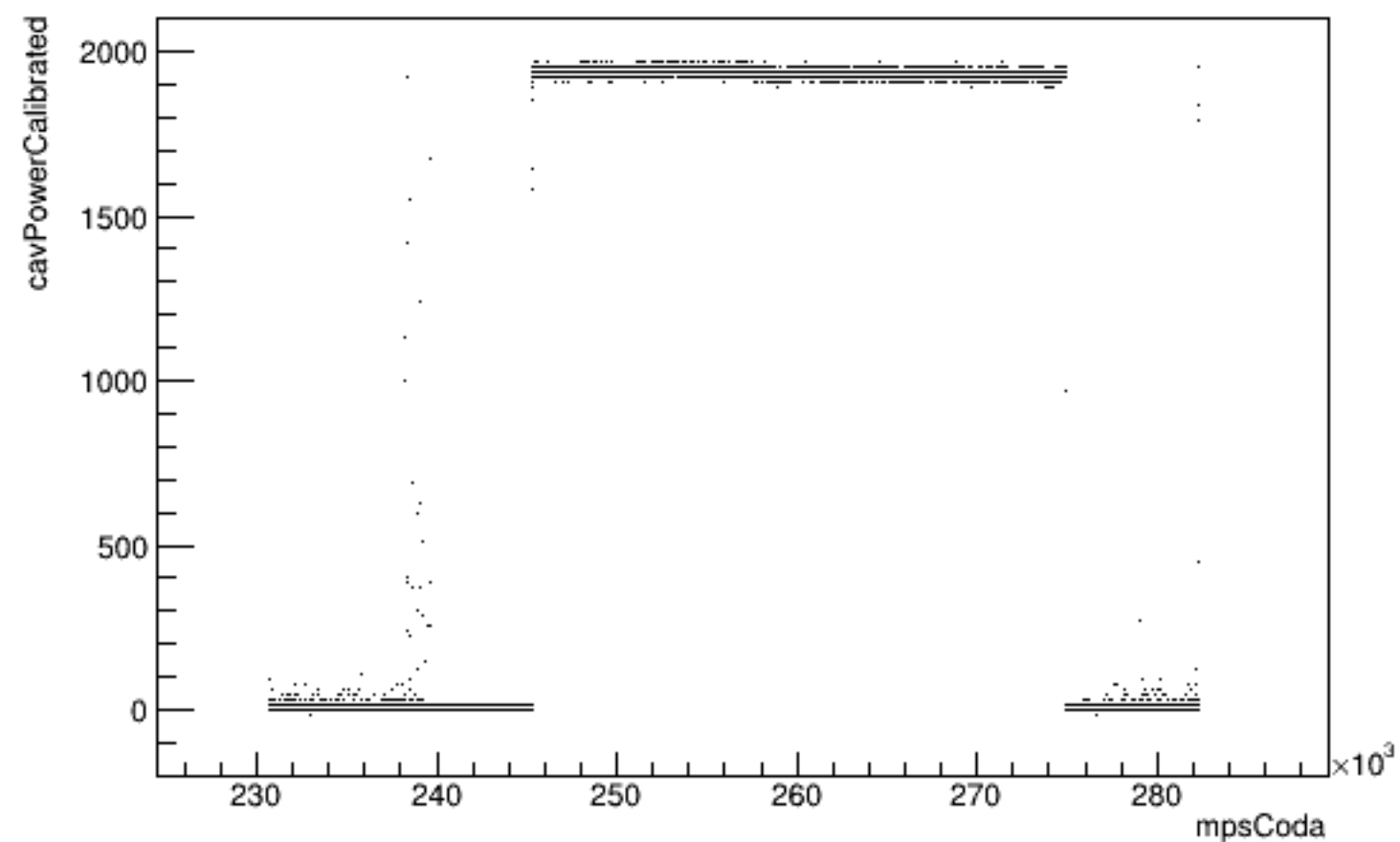
laserState:mpsCoda {mpsCoda>=230660 && mpsCoda<=282347}



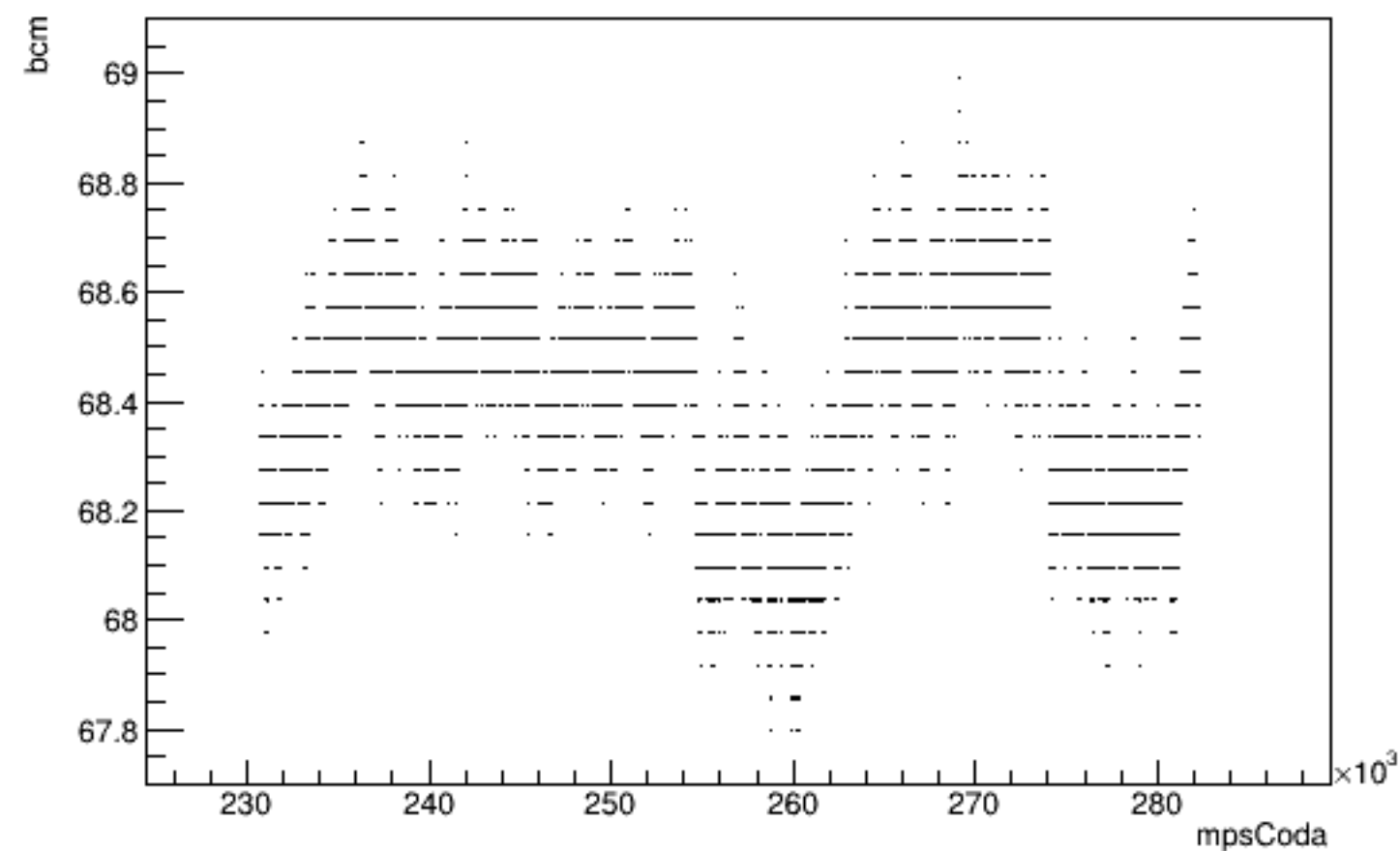
beamState + 1:mpsCoda {mpsCoda>=230660 && mpsCoda<=282347}



cavPowerCalibrated:mpsCoda {mpsCoda>=230660 && mpsCoda<=282347}



bcm:mpsCoda {mpsCoda>=230660 && mpsCoda<=282347}



Cycle 7, Diffs

Entries: 1013

Mean: -0.0004 +/- 0.0080

Std Dev: 0.2550 +/- 0.0057

Entries: 1837

Mean: 0.0681 +/- 0.0072

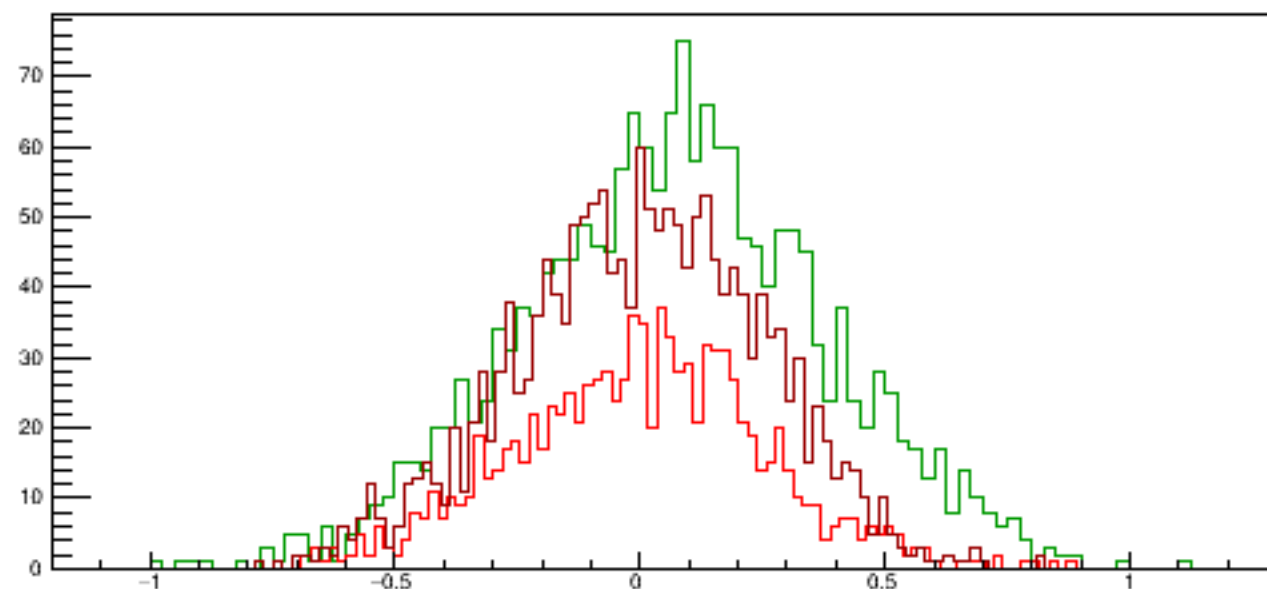
Std Dev: 0.3072 +/- 0.0051

Entries: 1724

Mean: -0.0014 +/- 0.0061

Std Dev: 0.2525 +/- 0.0043

Run 4358 quartetwise, Diffs



Cycle 7, Sums

Entries: 1013

Mean: 14.5637 +/- 0.0103

Std Dev: 0.3280 +/- 0.0073

Entries: 1837

Mean: 19.2071 +/- 0.0080

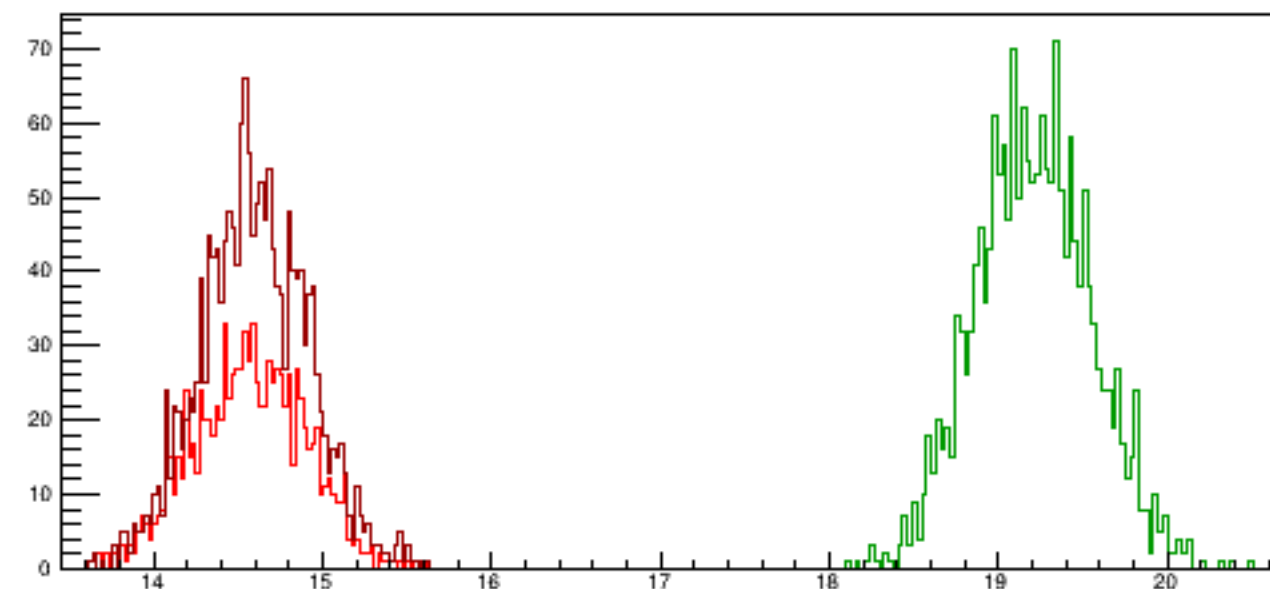
Std Dev: 0.3408 +/- 0.0056

Entries: 1724

Mean: 14.5931 +/- 0.0077

Std Dev: 0.3190 +/- 0.0054

Run 4358 quartetwise, Sums



Cycle 7, Asyms

Entries: 1013

Mean: -0.0001 +/- 0.0017

Std Dev: 0.0551 +/- 0.0012

Entries: 1837

Mean: 0.0148 +/- 0.0016

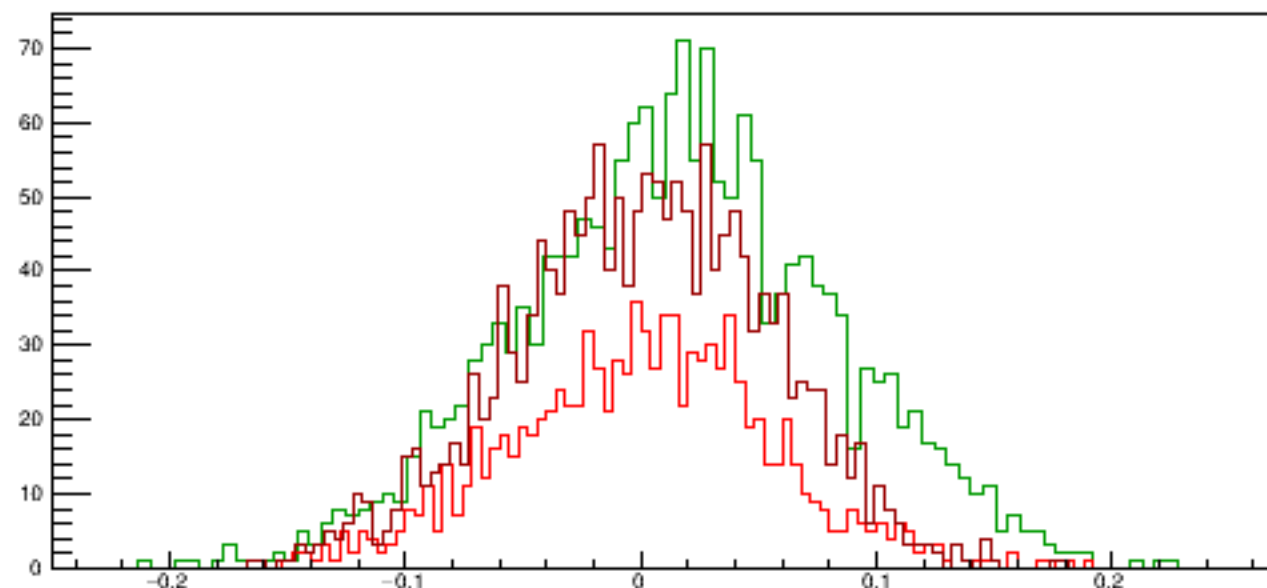
Std Dev: 0.0666 +/- 0.0011

Entries: 1724

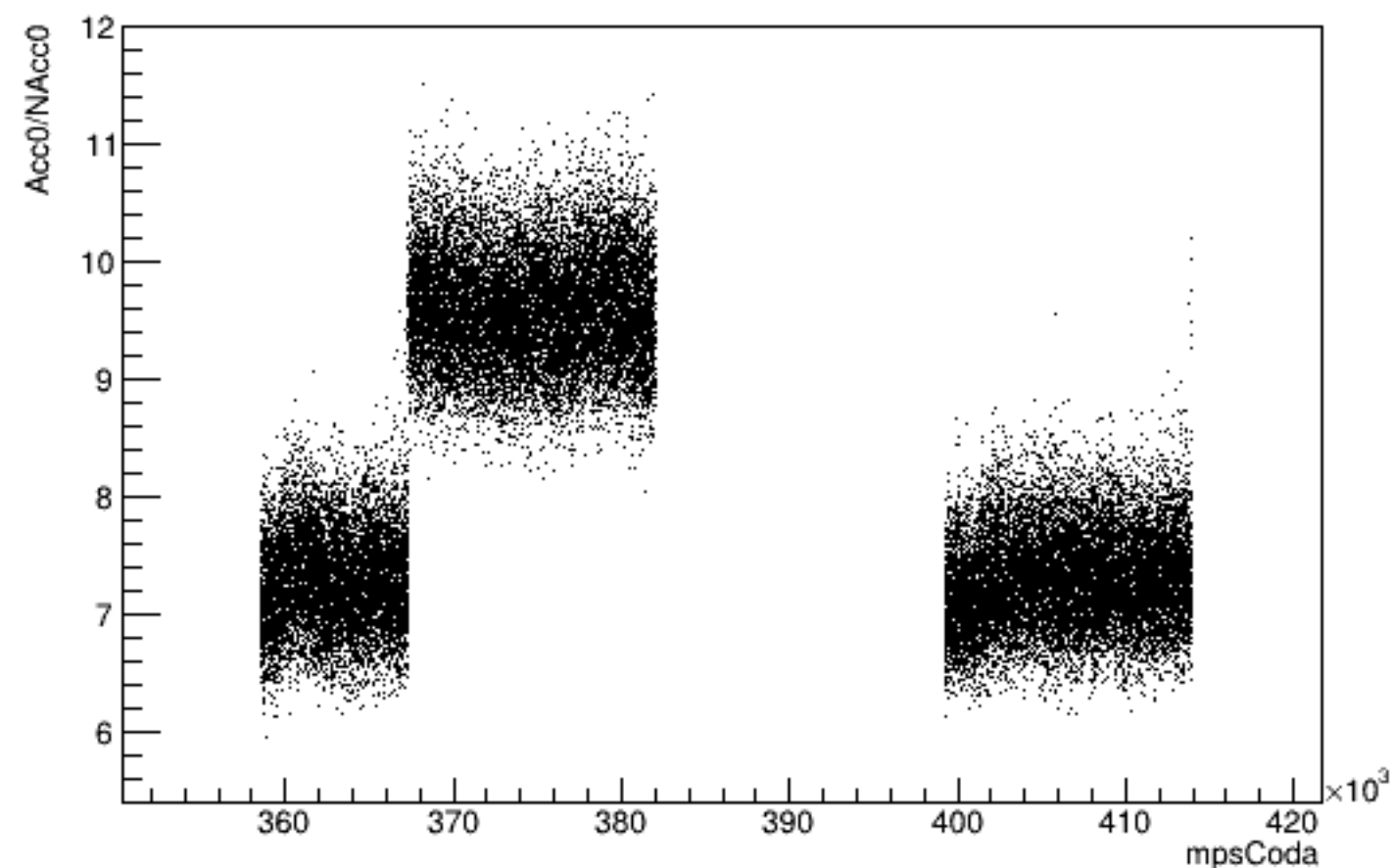
Mean: -0.0003 +/- 0.0013

Std Dev: 0.0545 +/- 0.0009

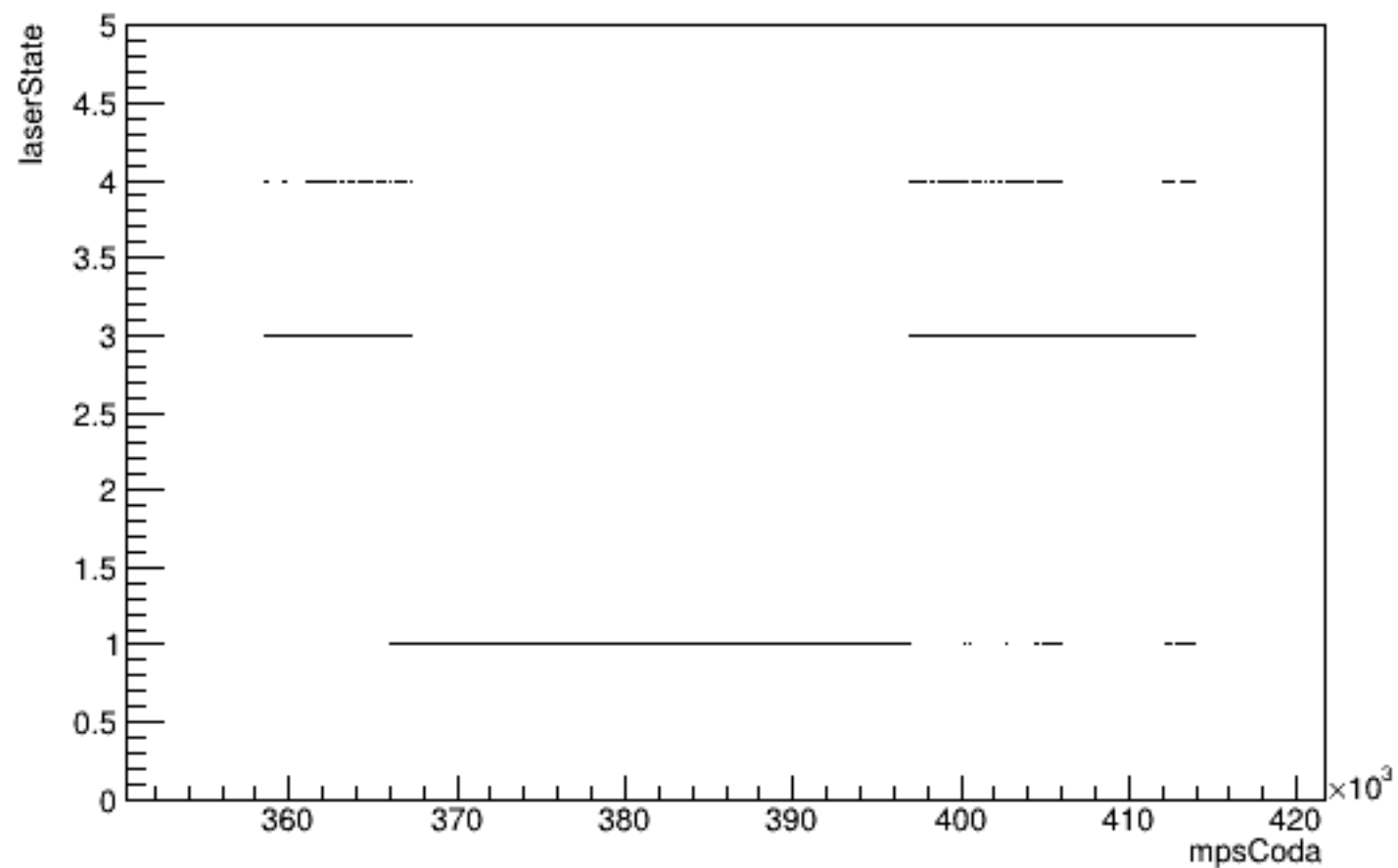
Run 4358 quartetwise, Asyms



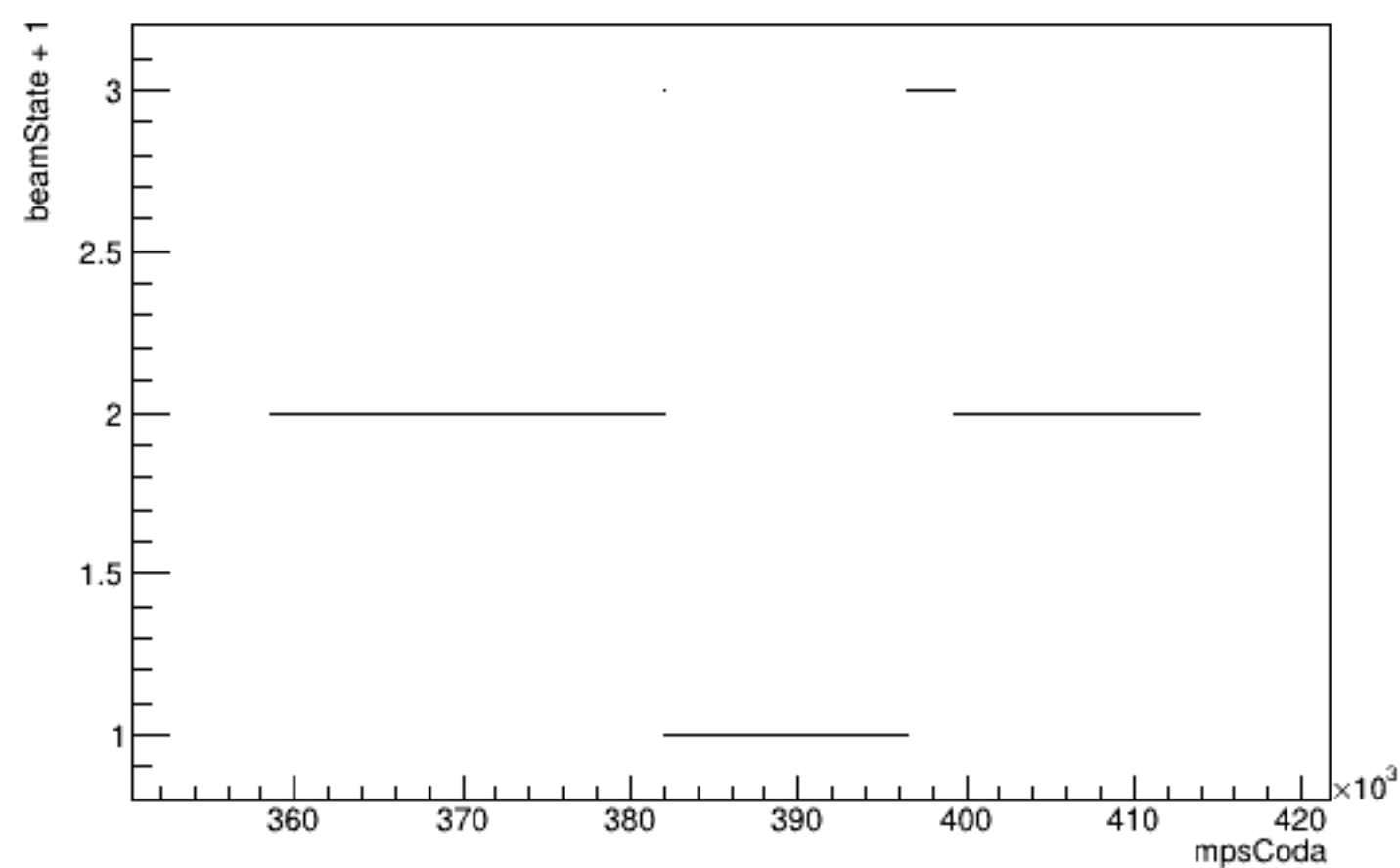
Acc0/NAcc0:mpsCoda (mpsCoda>=358516 && mpsCoda<=413931 && beamState==1)



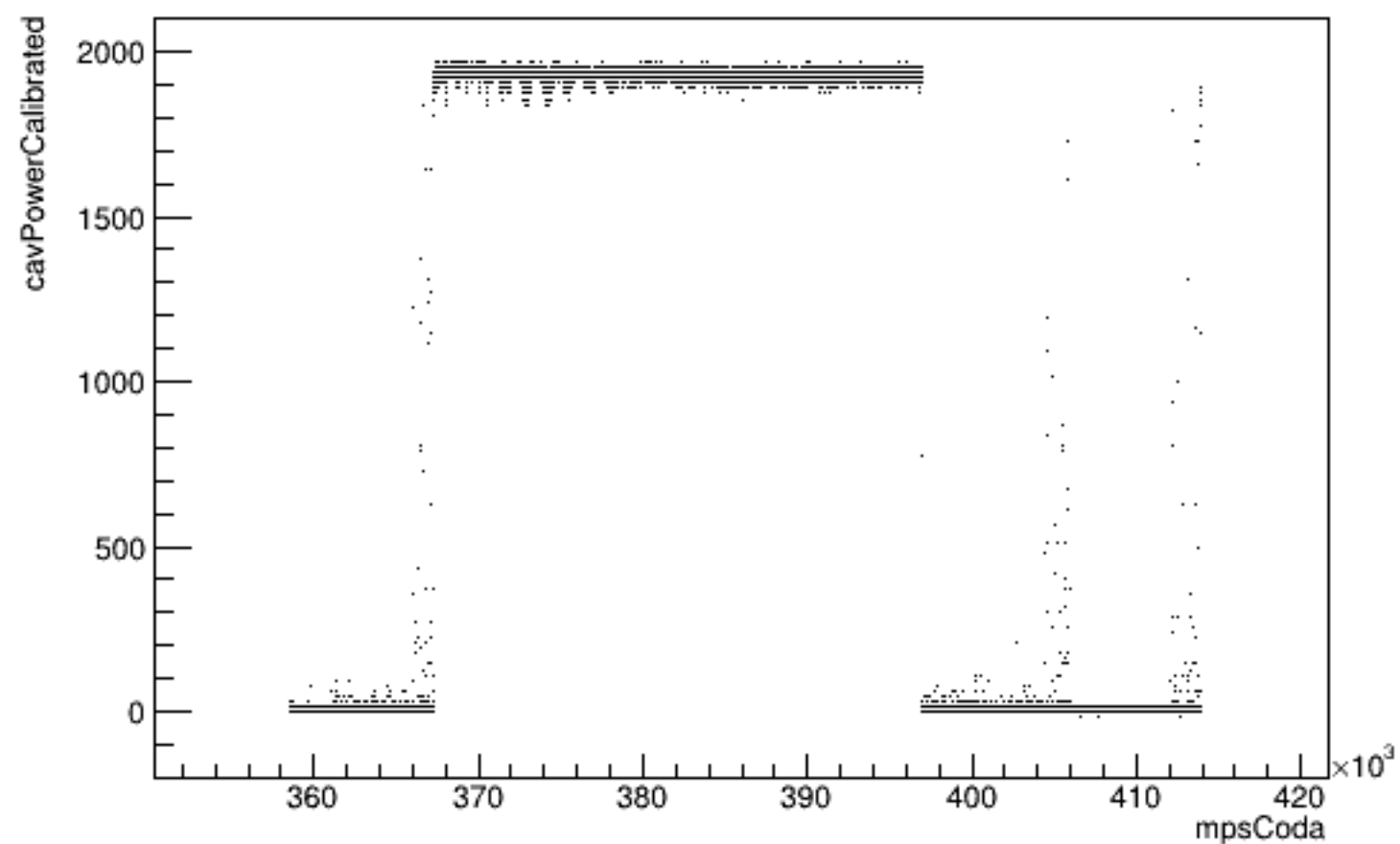
laserState:mpsCoda {mpsCoda>=358516 && mpsCoda<=413931}



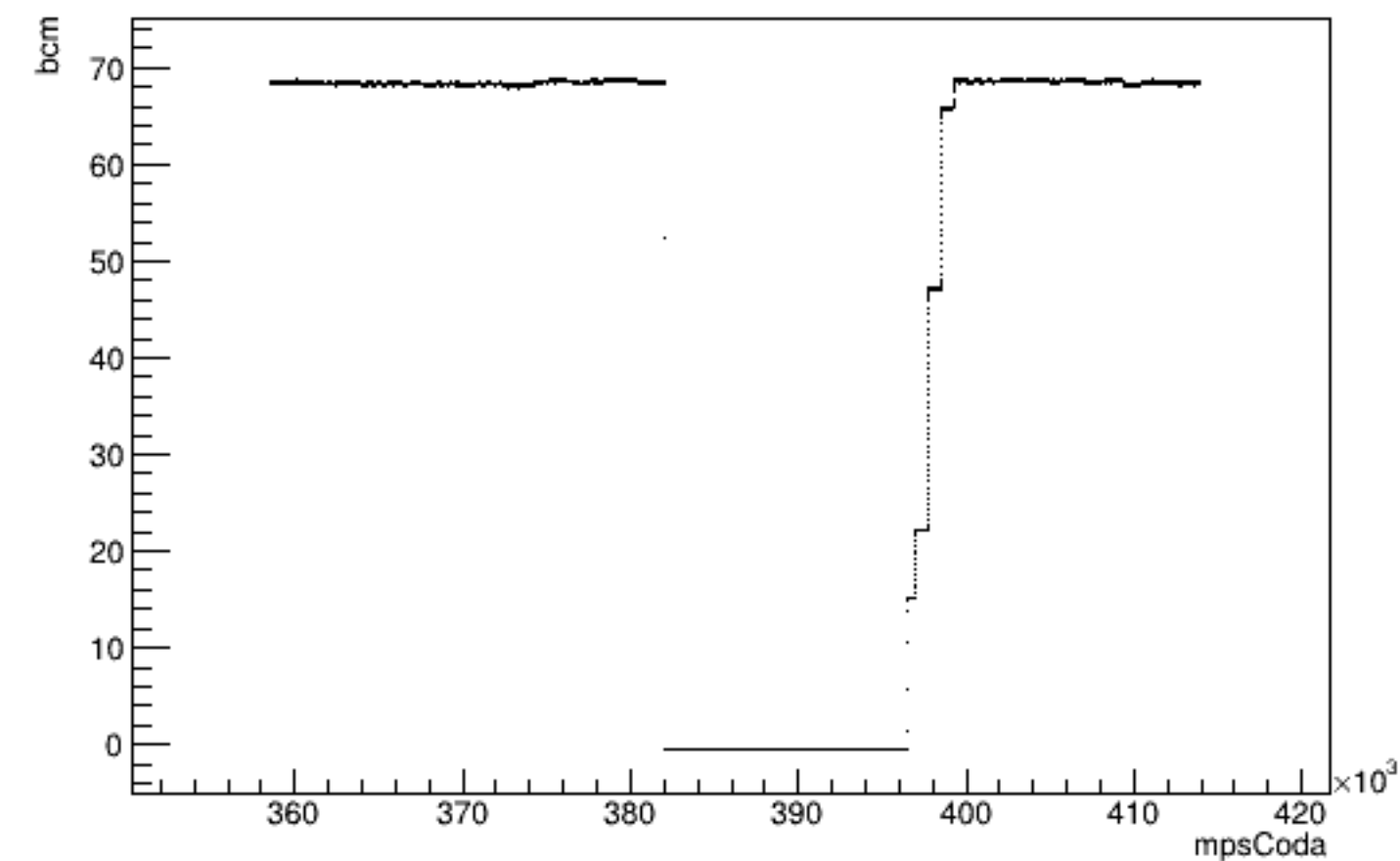
beamState + 1:mpsCoda {mpsCoda>=358516 && mpsCoda<=413931}



cavPowerCalibrated:mpsCoda {mpsCoda>=358516 && mpsCoda<=413931}



bcm:mpsCoda {mpsCoda>=358516 && mpsCoda<=413931}



Cycle 8, Diffs

Entries: 1724

Mean: -0.0014 +/- 0.0061

Std Dev: 0.2525 +/- 0.0043

Entries: 3654

Mean: 0.0677 +/- 0.0048

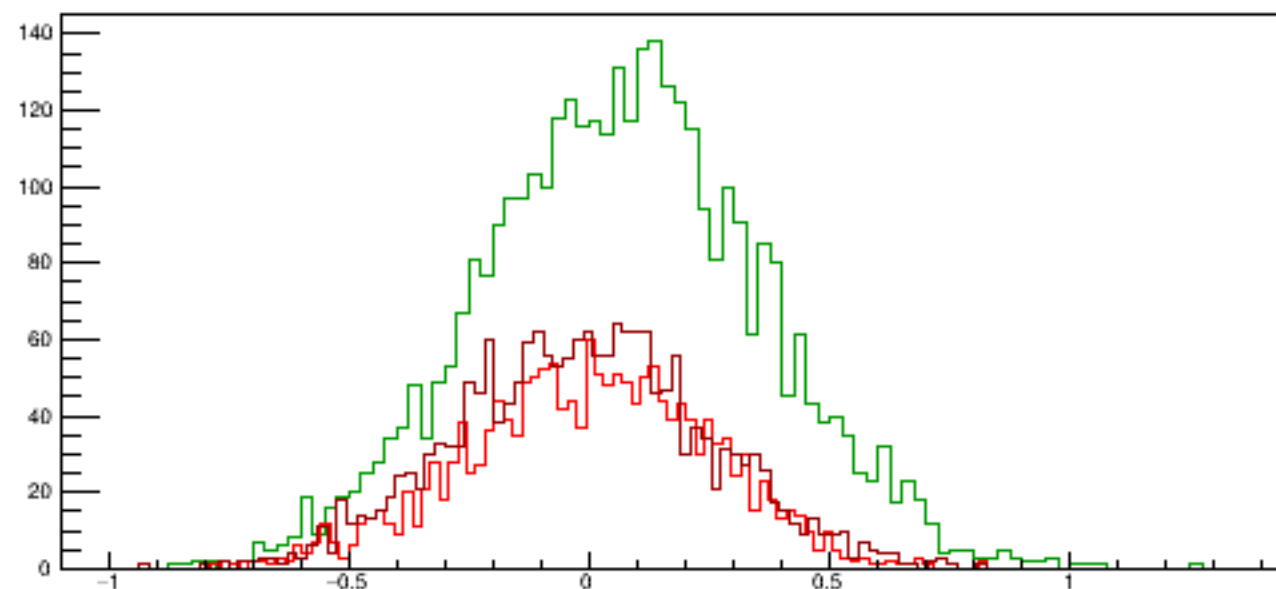
Std Dev: 0.2918 +/- 0.0034

Entries: 1926

Mean: -0.0155 +/- 0.0059

Std Dev: 0.2611 +/- 0.0042

Run 4358 quartetwise, Diffs



Cycle 8, Sums

Entries: 1724

Mean: 14.5931 +/- 0.0077

Std Dev: 0.3190 +/- 0.0054

Entries: 3654

Mean: 19.3075 +/- 0.0063

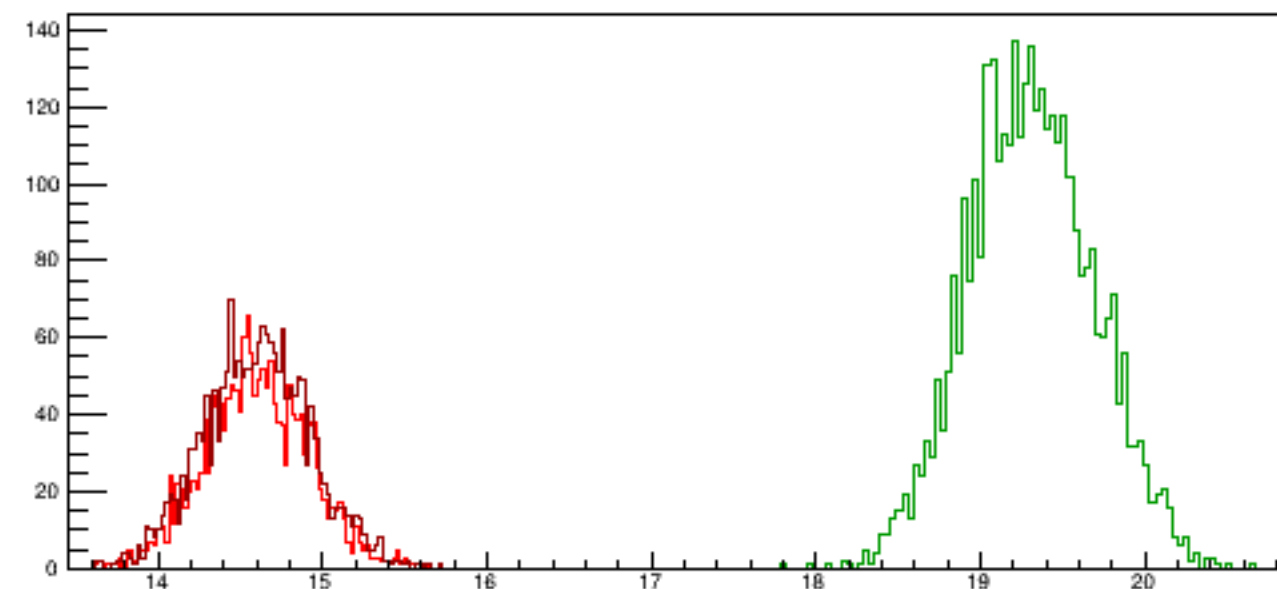
Std Dev: 0.3797 +/- 0.0044

Entries: 1926

Mean: 14.6007 +/- 0.0074

Std Dev: 0.3234 +/- 0.0052

Run 4358 quartetwise, Sums



Cycle 8, Asyms

Entries: 1724

Mean: -0.0003 +/- 0.0013

Std Dev: 0.0536 +/- 0.0009

Entries: 3654

Mean: 0.0146 +/- 0.0010

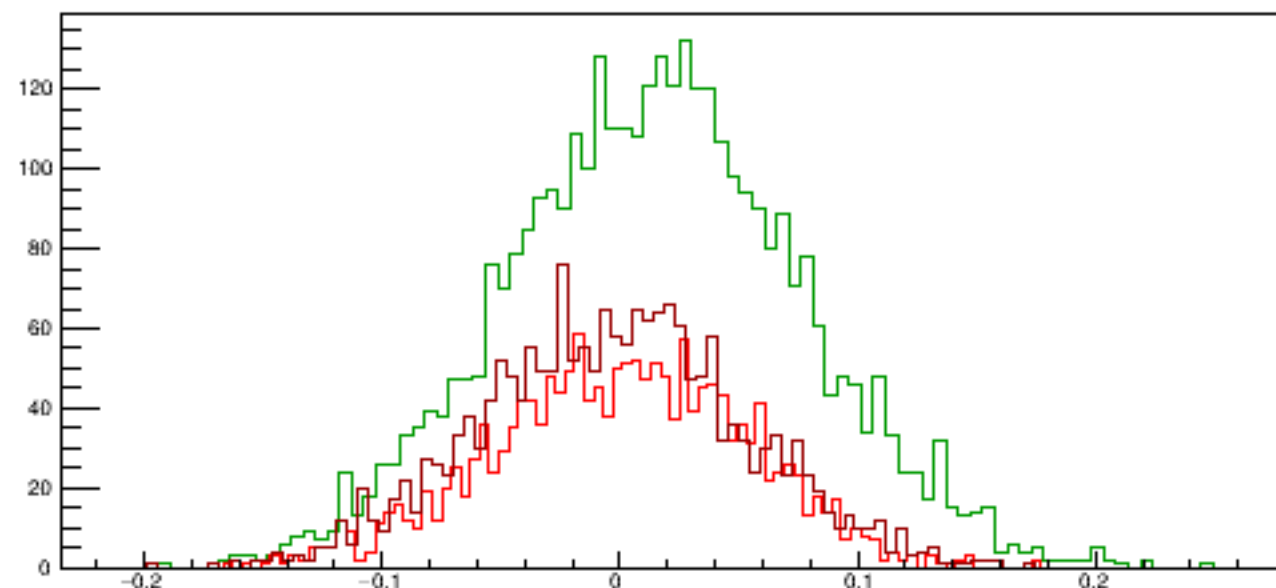
Std Dev: 0.0622 +/- 0.0007

Entries: 1926

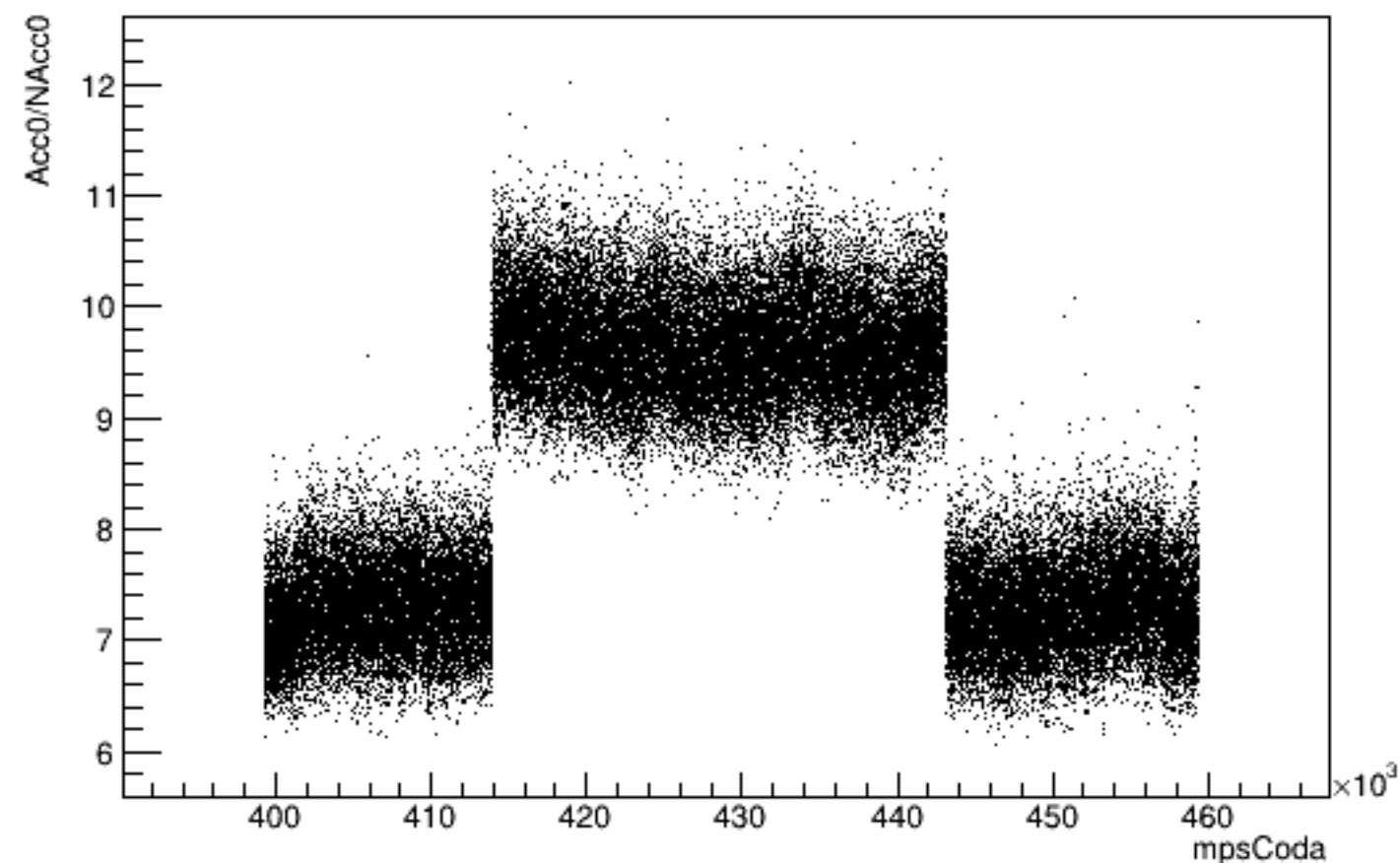
Mean: -0.0033 +/- 0.0013

Std Dev: 0.0554 +/- 0.0009

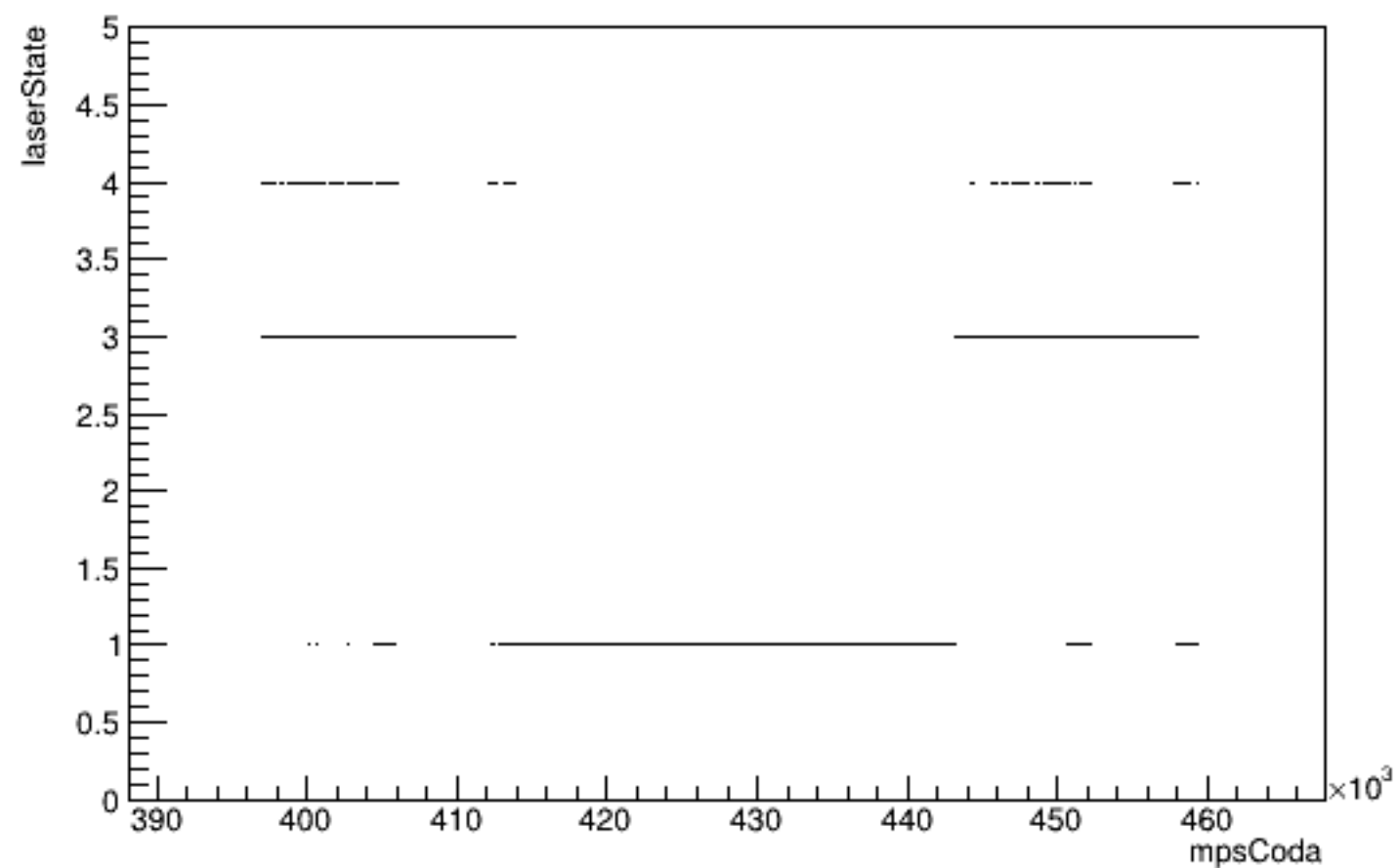
Run 4358 quartetwise, Asyms



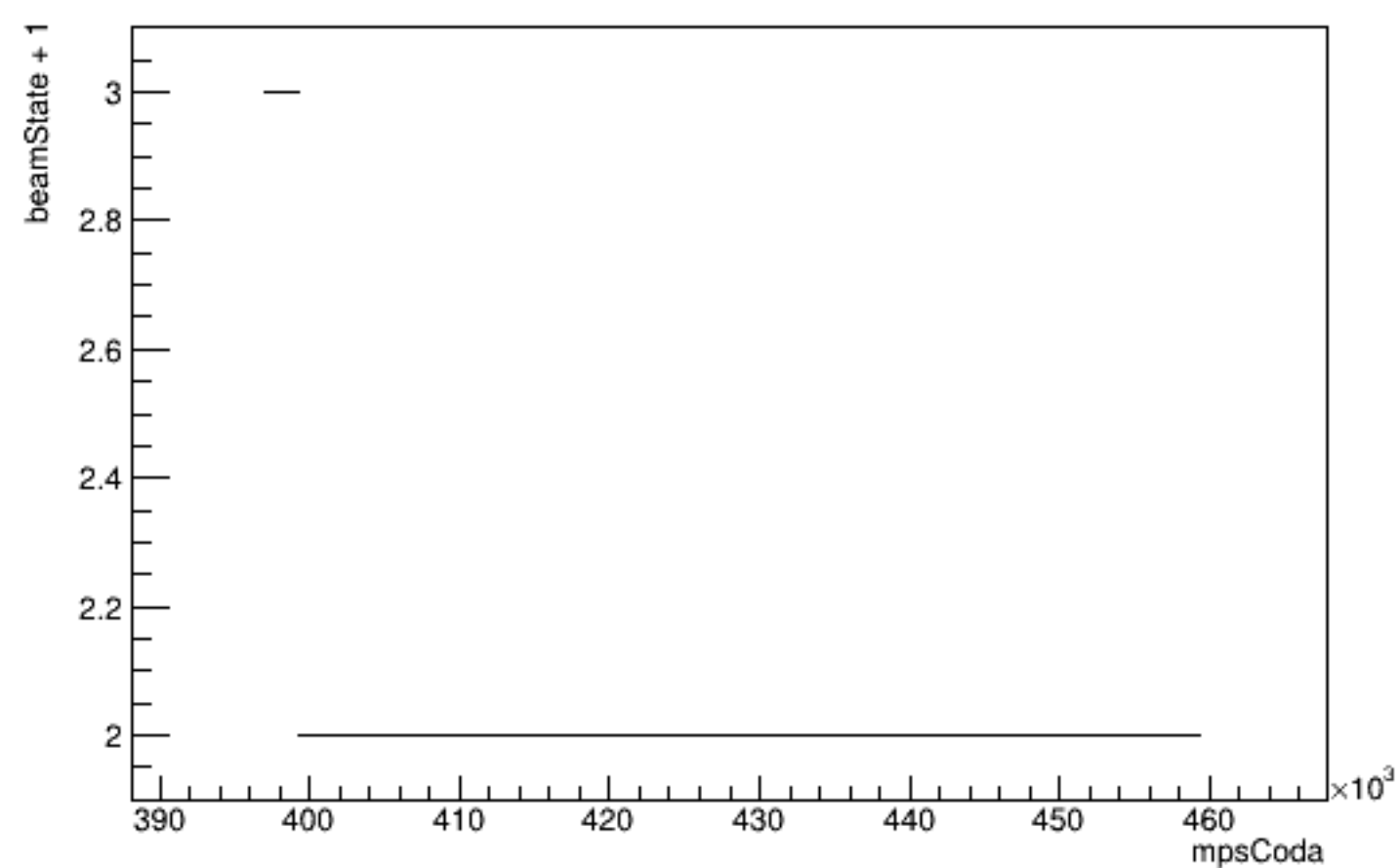
Acc0/NAcc0:mpsCoda (mpsCoda>=396948 && mpsCoda<=459363 && beamState==1)



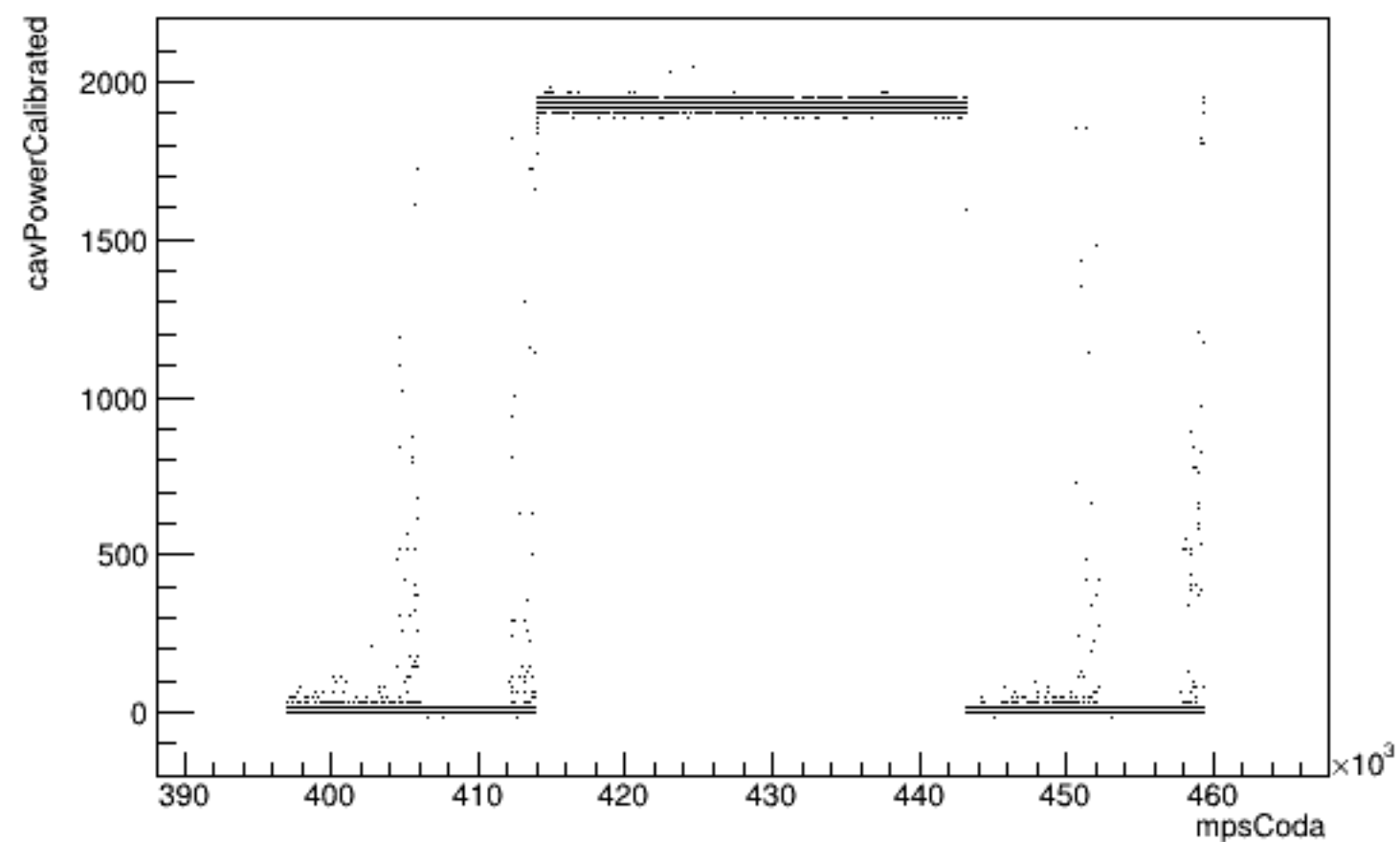
laserState:mpsCoda {mpsCoda>=396948 && mpsCoda<=459363}



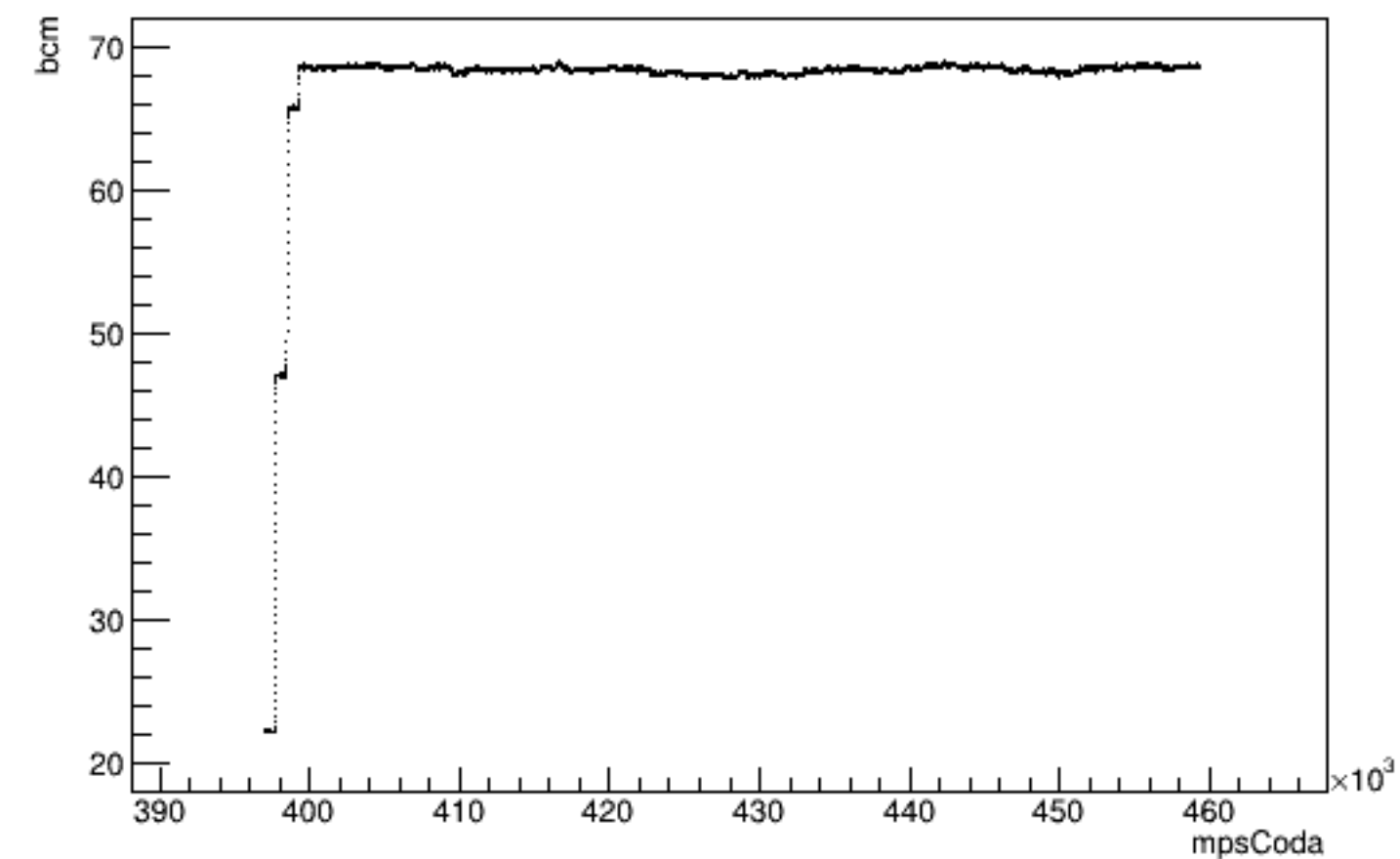
beamState + 1:mpsCoda {mpsCoda>=396948 && mpsCoda<=459363}



cavPowerCalibrated:mpsCoda {mpsCoda>=396948 && mpsCoda<=459363}



bcm:mpsCoda {mpsCoda>=396948 && mpsCoda<=459363}



Cycle 9, Diffs

Entries: 1926

Mean: -0.0155 +/- 0.0059

Std Dev: 0.2611 +/- 0.0042

Entries: 3749

Mean: 0.0686 +/- 0.0049

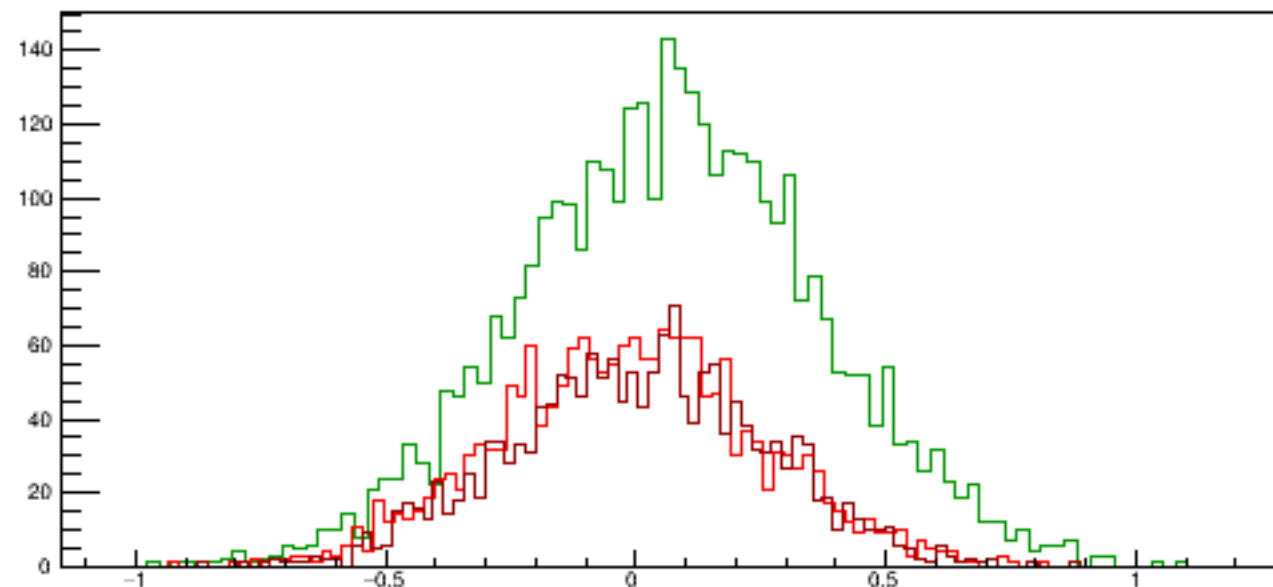
Std Dev: 0.2994 +/- 0.0035

Entries: 1733

Mean: 0.0040 +/- 0.0061

Std Dev: 0.2550 +/- 0.0043

Run 4358 quartetwise, Diffs



Cycle 9, Sums

Entries: 1926

Mean: 14.6007 +/- 0.0074

Std Dev: 0.3234 +/- 0.0052

Entries: 3749

Mean: 19.1536 +/- 0.0059

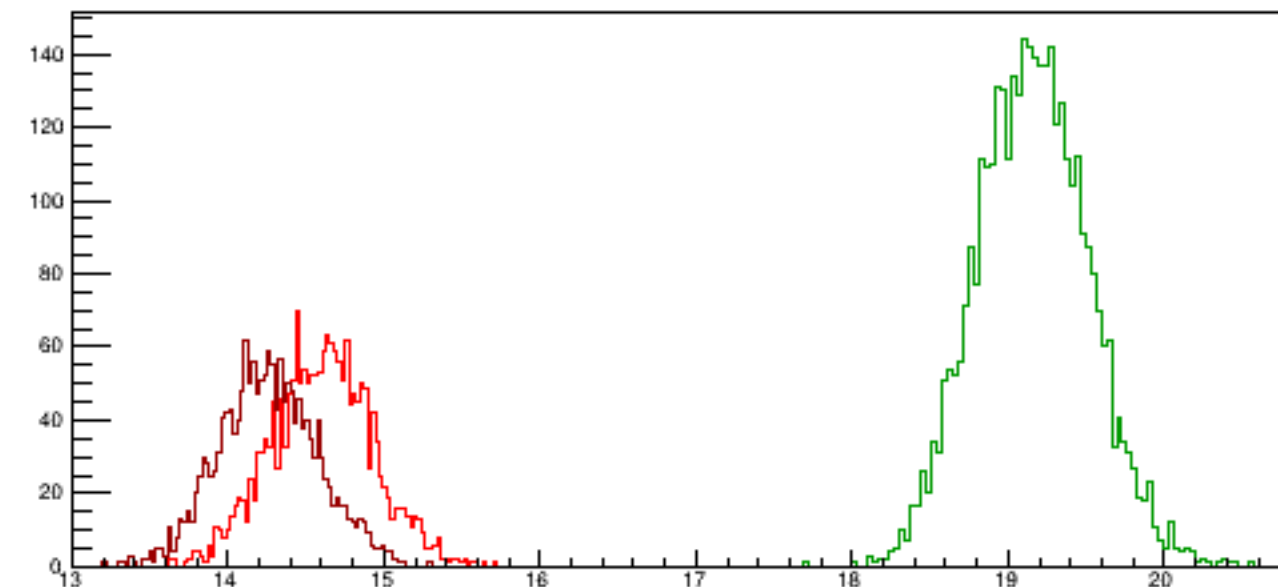
Std Dev: 0.3589 +/- 0.0041

Entries: 1733

Mean: 14.2581 +/- 0.0076

Std Dev: 0.3149 +/- 0.0053

Run 4358 quartetwise, Sums



Cycle 9, Asyms

Entries: 1926

Mean: -0.0033 +/- 0.0013

Std Dev: 0.0553 +/- 0.0009

Entries: 3749

Mean: 0.0147 +/- 0.0010

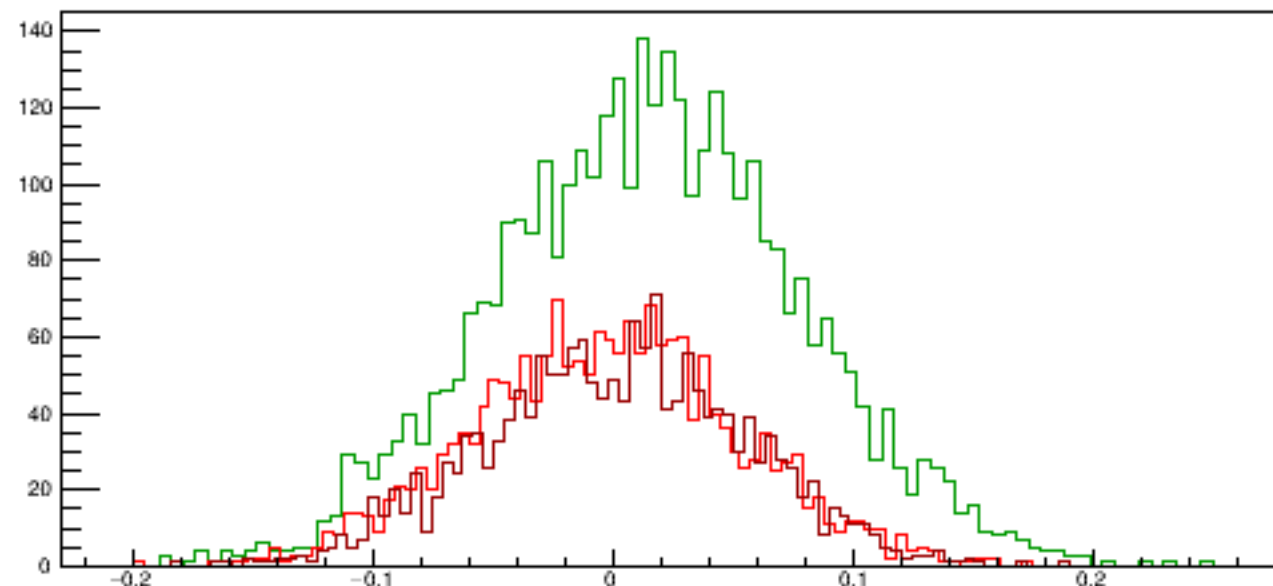
Std Dev: 0.0634 +/- 0.0007

Entries: 1733

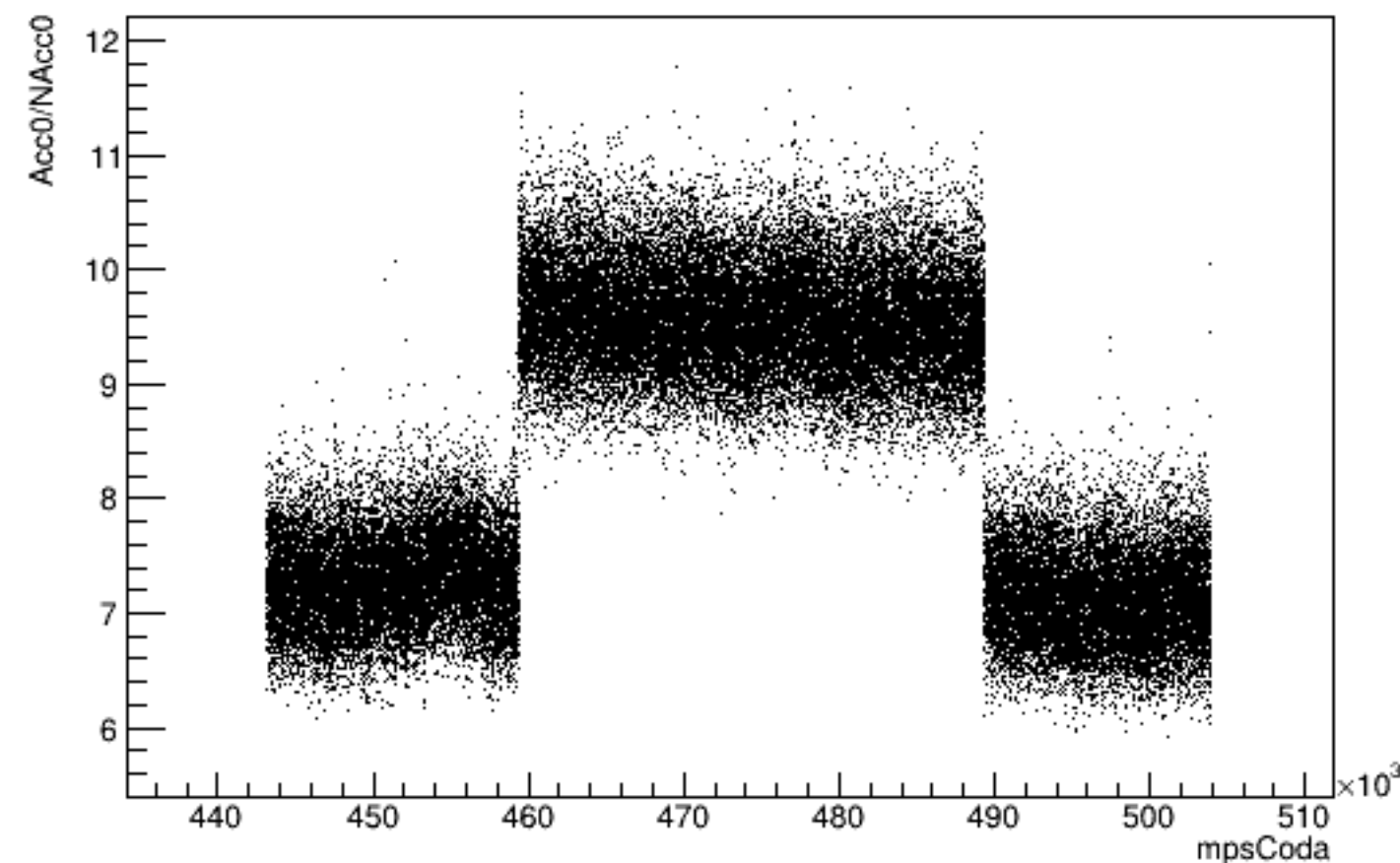
Mean: 0.0008 +/- 0.0013

Std Dev: 0.0540 +/- 0.0009

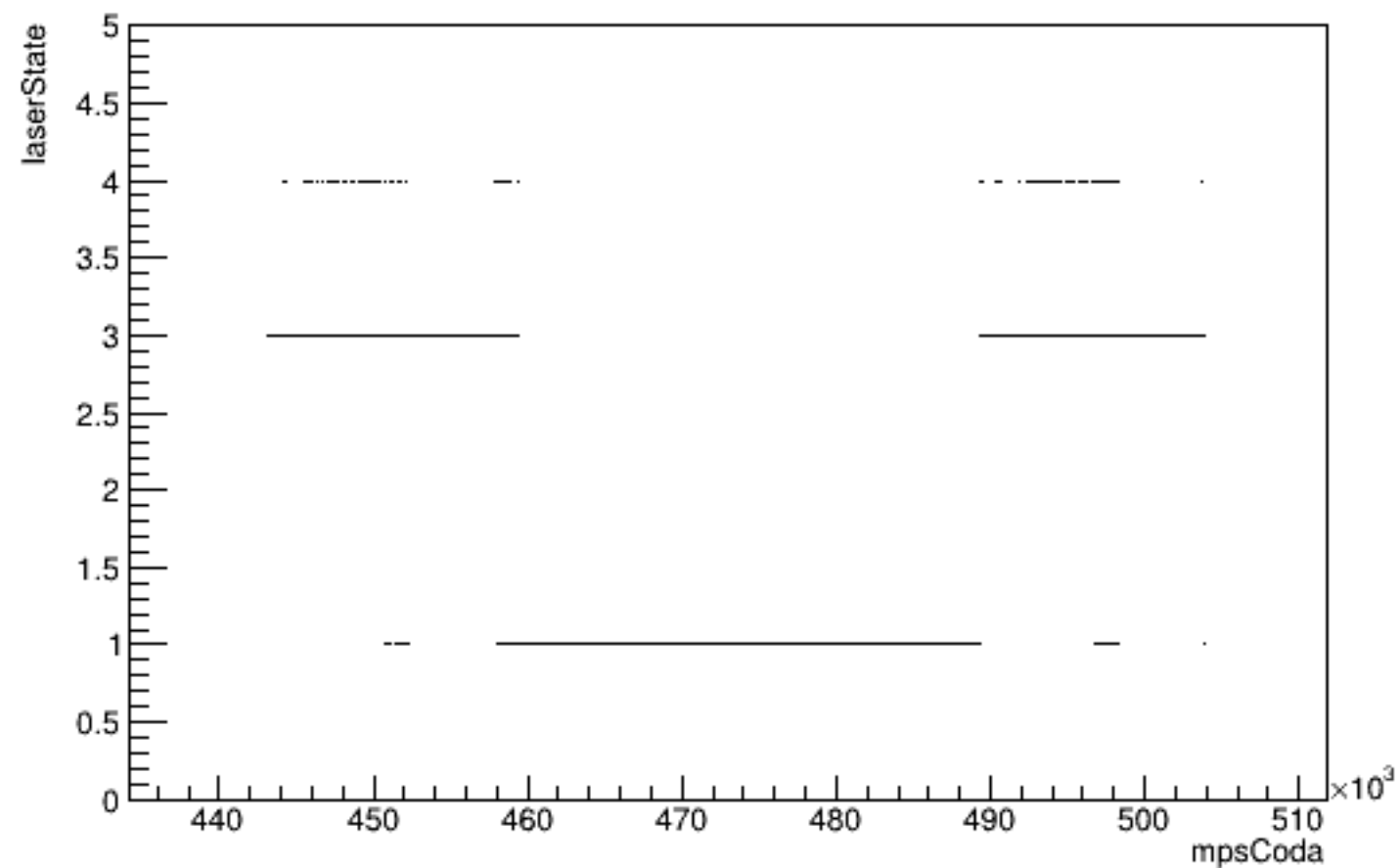
Run 4358 quartetwise, Asyms



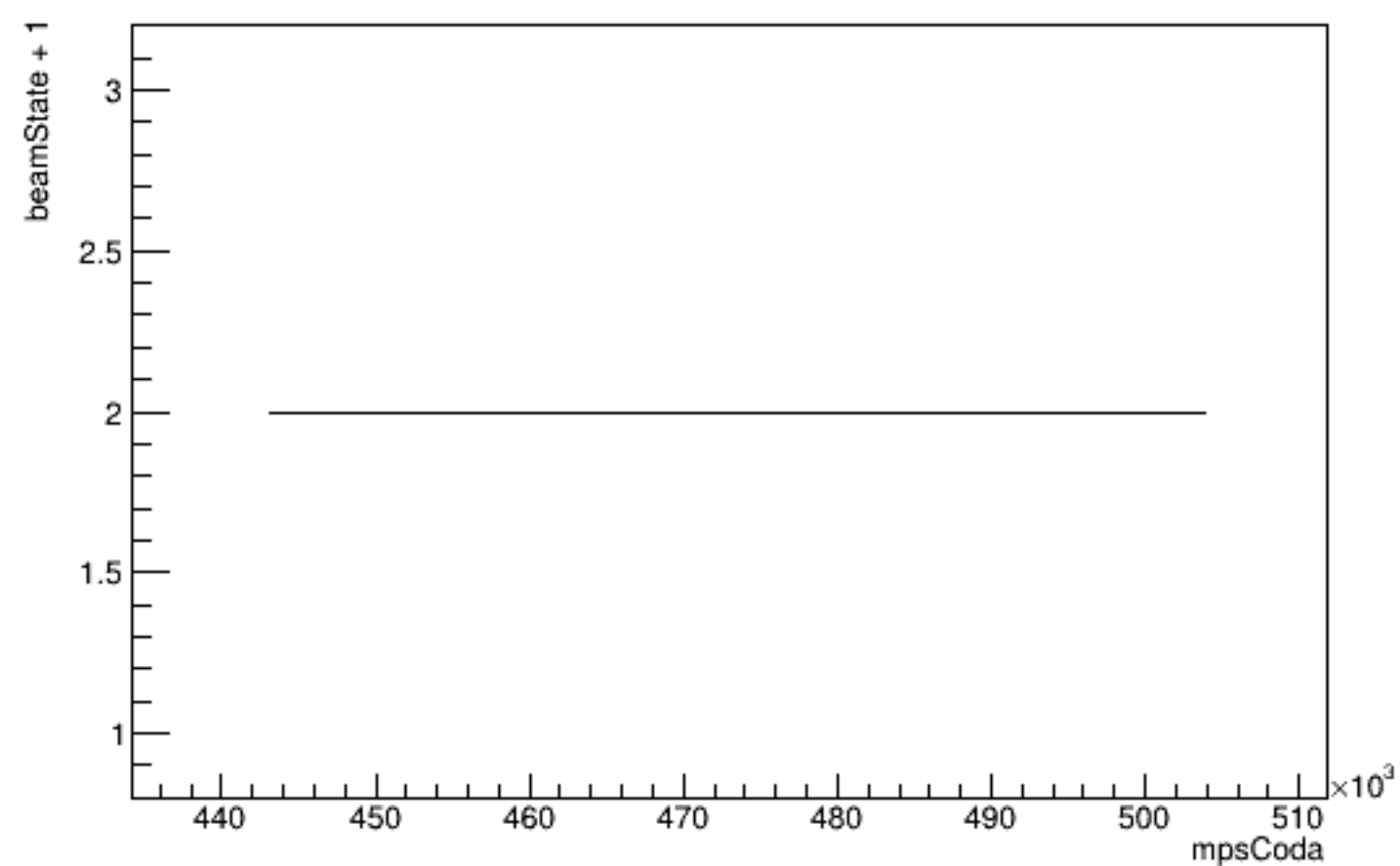
Acc0/NAcc0:mpsCoda (mpsCoda>=443172 && mpsCoda<=503939 && beamState==1)



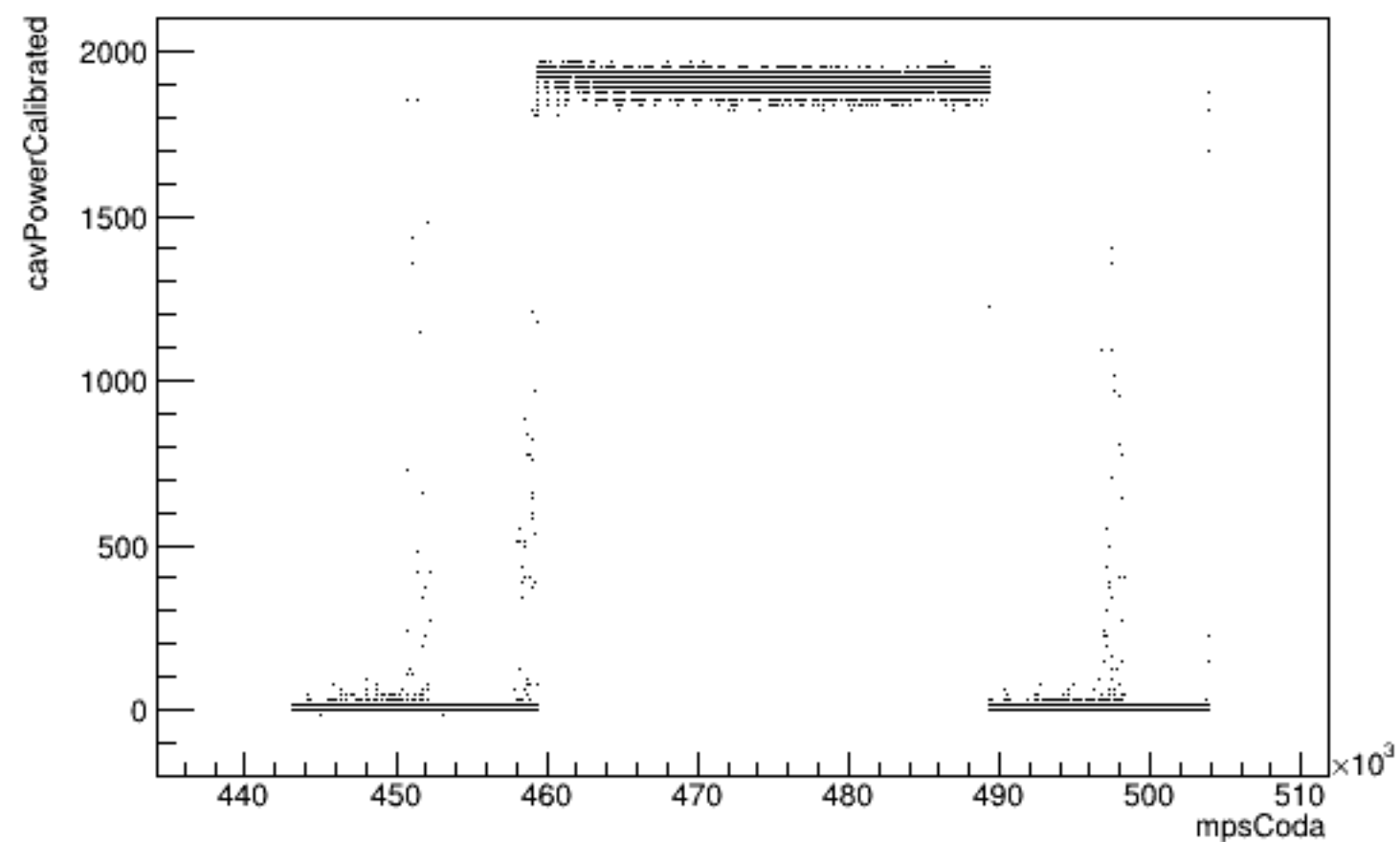
laserState:mpsCoda {mpsCoda>=443172 && mpsCoda<=503939}



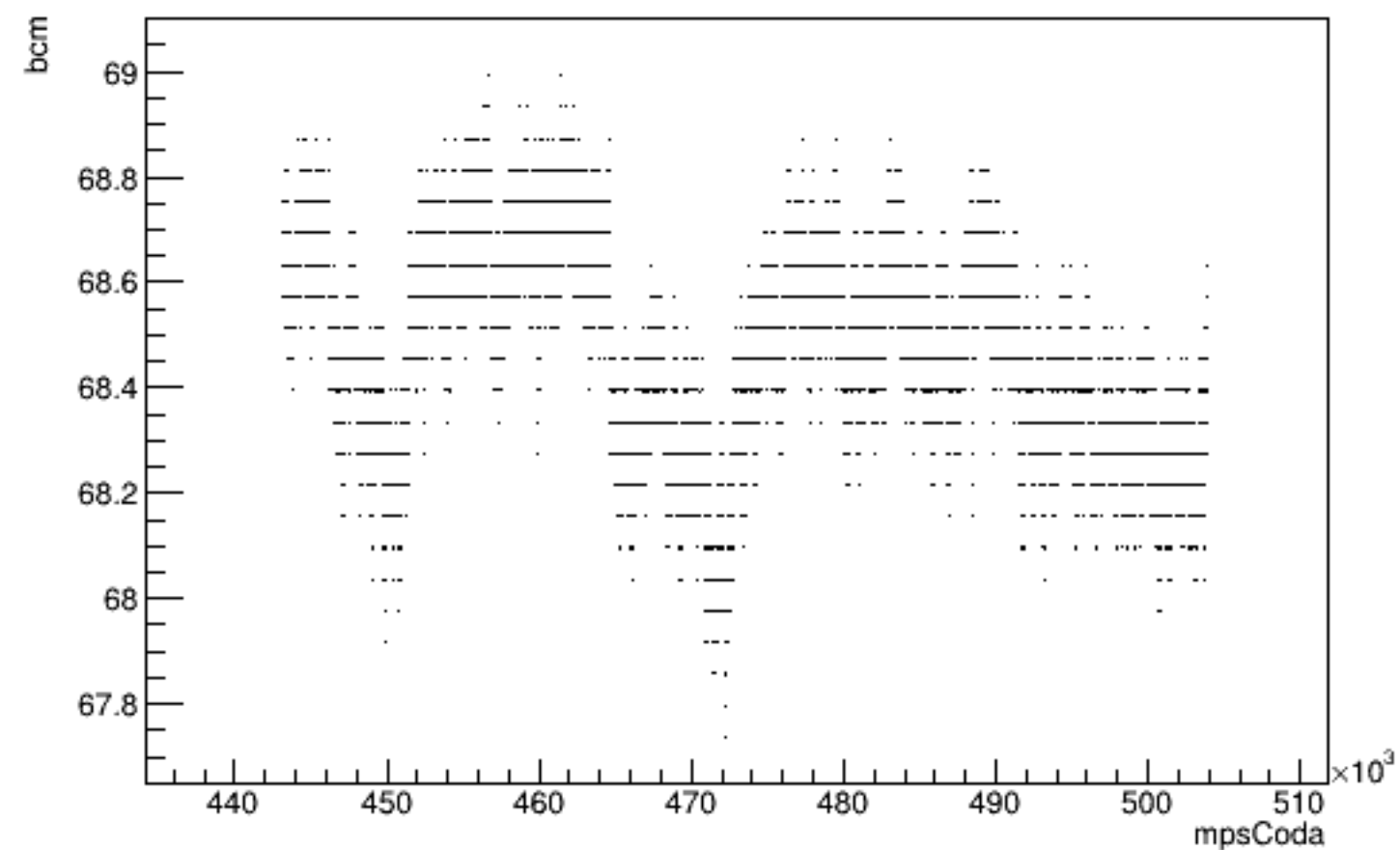
beamState + 1:mpsCoda {mpsCoda>=443172 && mpsCoda<=503939}



cavPowerCalibrated:mpsCoda {mpsCoda>=443172 && mpsCoda<=503939}



bcm:mpsCoda {mpsCoda>=443172 && mpsCoda<=503939}



Cycle 10, Diffs

Entries: 1733

Mean: 0.0040 +/- 0.0061

Std Dev: 0.2550 +/- 0.0043

Entries: 3646

Mean: 0.0635 +/- 0.0049

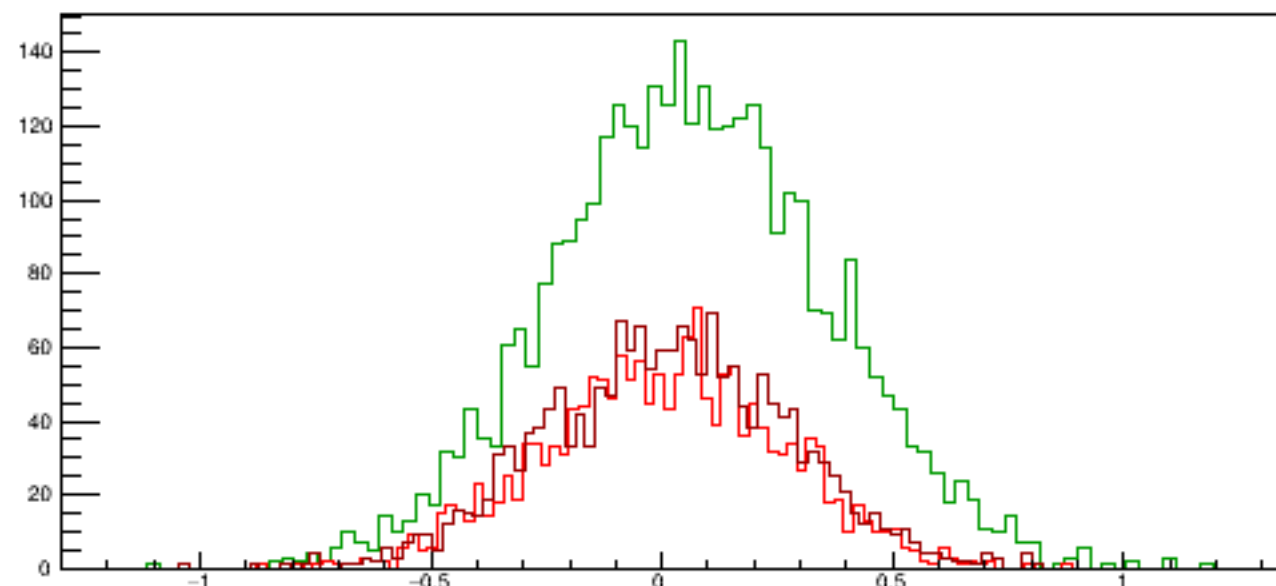
Std Dev: 0.2973 +/- 0.0035

Entries: 1821

Mean: 0.0109 +/- 0.0061

Std Dev: 0.2617 +/- 0.0043

Run 4358 quartetwise, Diffs



Cycle 10, Sums

Entries: 1733

Mean: 14.2581 +/- 0.0076

Std Dev: 0.3149 +/- 0.0053

Entries: 3646

Mean: 18.9184 +/- 0.0059

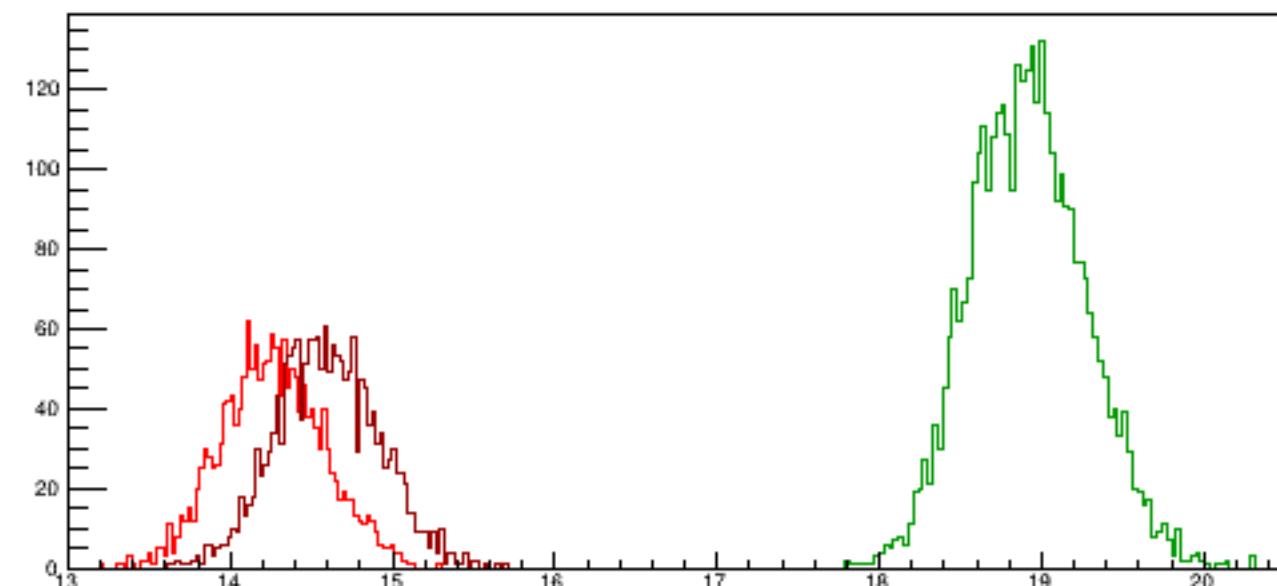
Std Dev: 0.3551 +/- 0.0042

Entries: 1821

Mean: 14.5975 +/- 0.0074

Std Dev: 0.3170 +/- 0.0053

Run 4358 quartetwise, Sums



Cycle 10, Asyms

Entries: 1733

Mean: 0.0009 +/- 0.0014

Std Dev: 0.0568 +/- 0.0010

Entries: 3646

Mean: 0.0142 +/- 0.0011

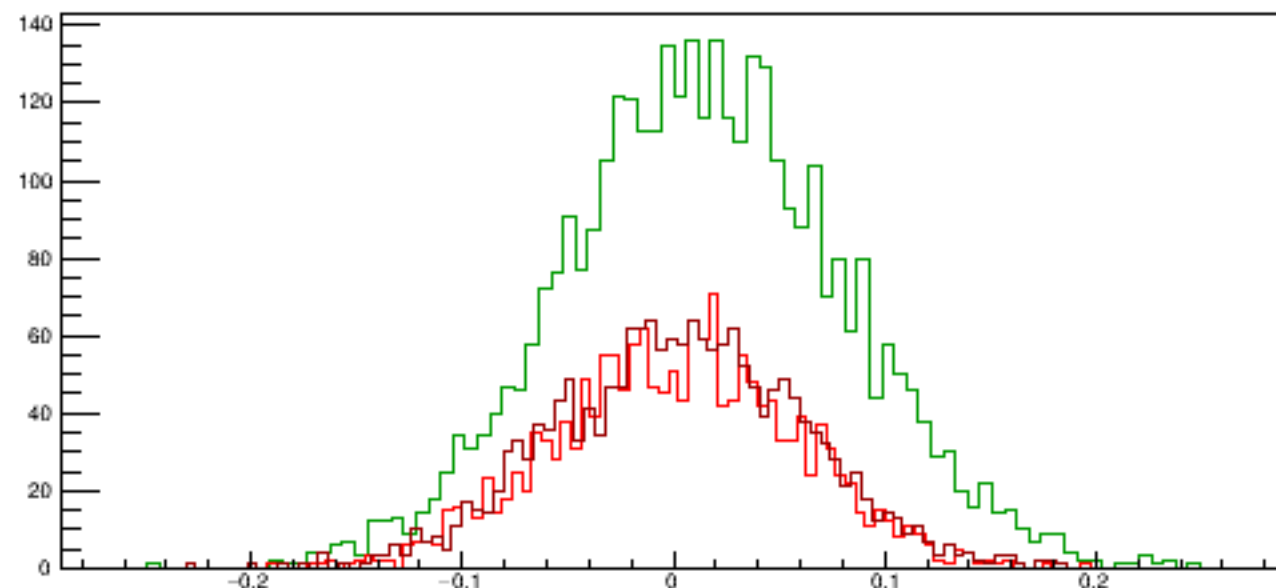
Std Dev: 0.0666 +/- 0.0008

Entries: 1821

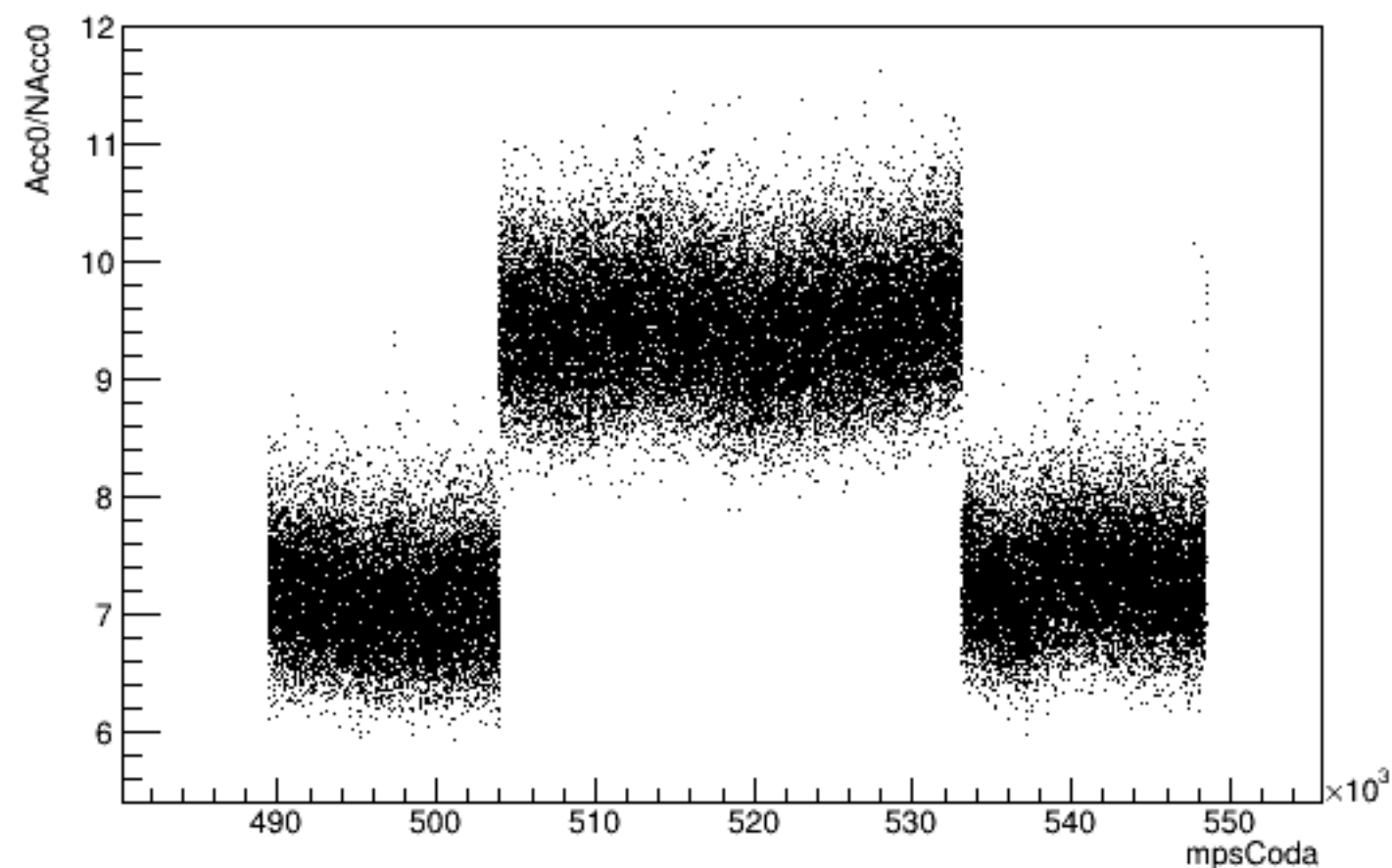
Mean: 0.0024 +/- 0.0014

Std Dev: 0.0583 +/- 0.0010

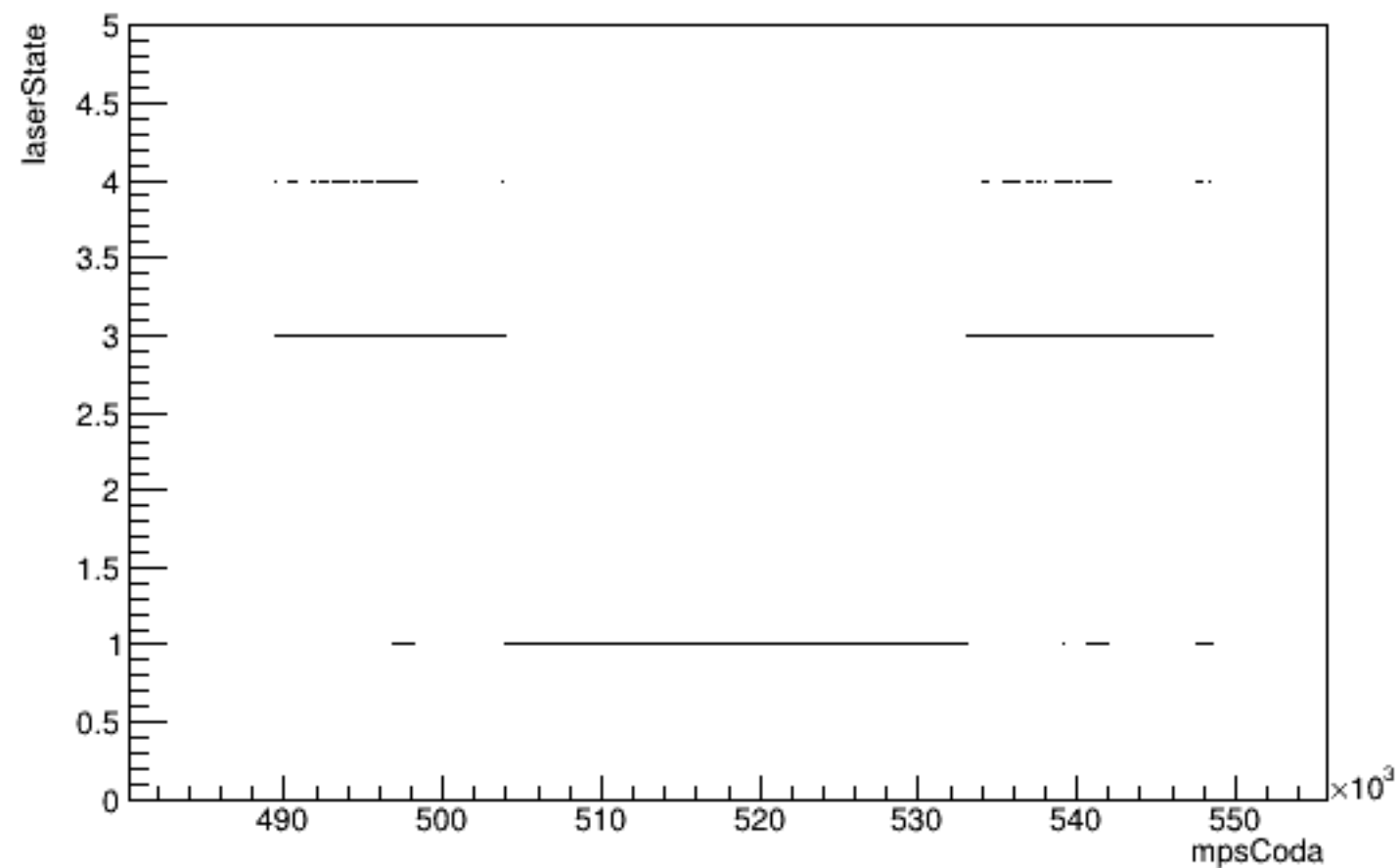
Run 4358 quartetwise, Asyms



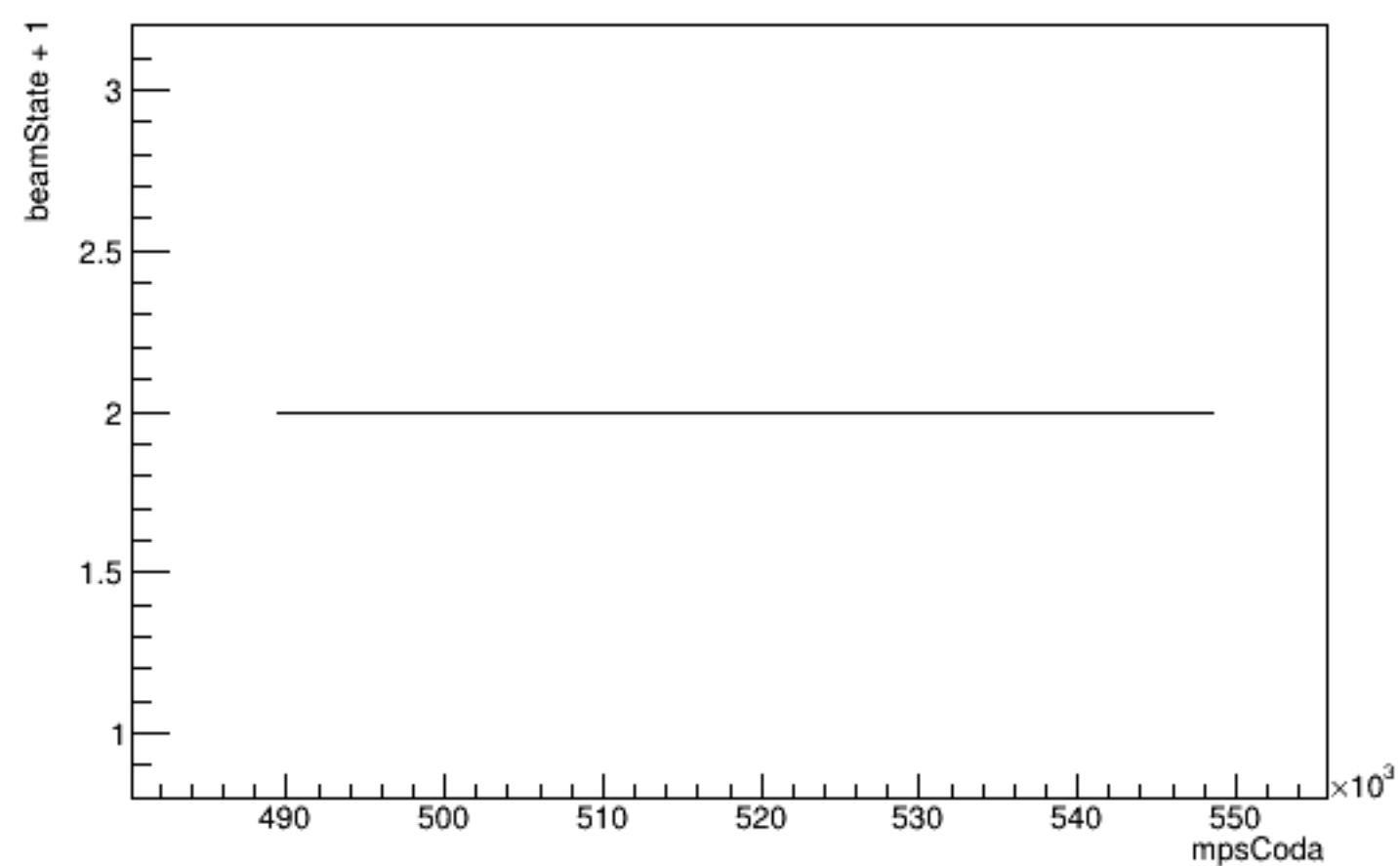
Acc0/NAcc0:mpsCoda (mpsCoda>=489364 && mpsCoda<=548467 && beamState==1)



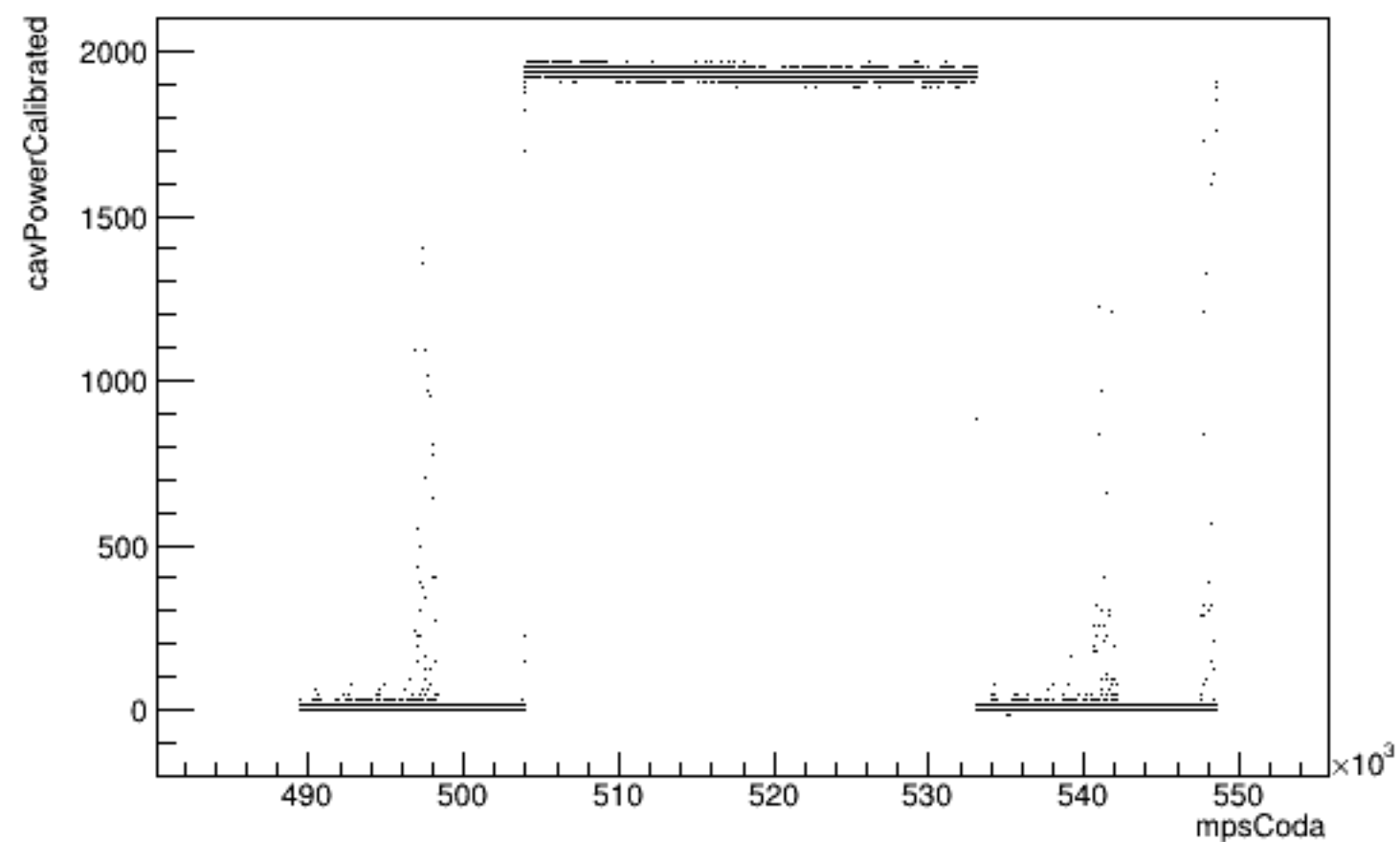
laserState:mpsCoda {mpsCoda>=489364 && mpsCoda<=548467}



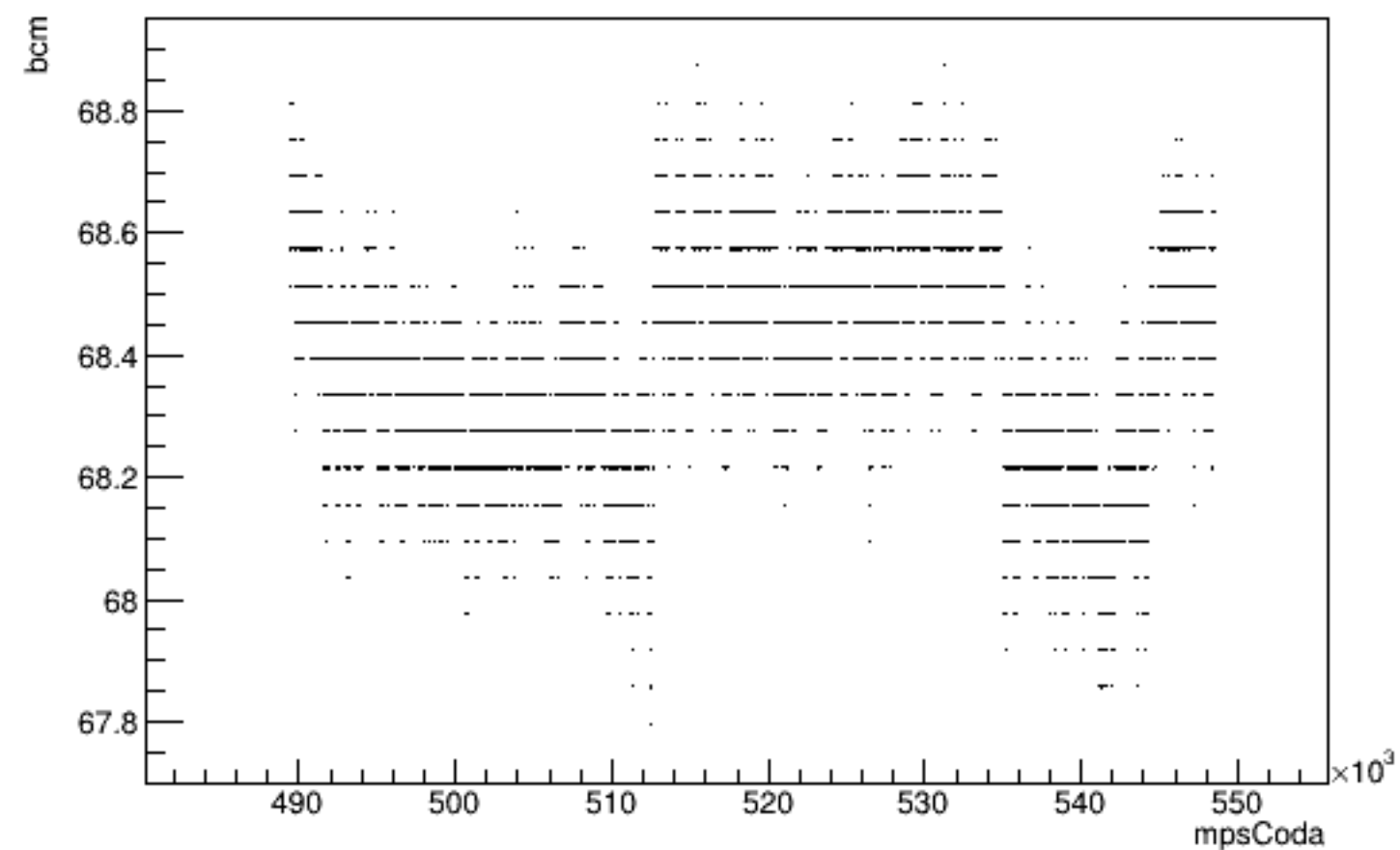
beamState + 1:mpsCoda {mpsCoda>=489364 && mpsCoda<=548467}



cavPowerCalibrated:mpsCoda {mpsCoda>=489364 && mpsCoda<=548467}



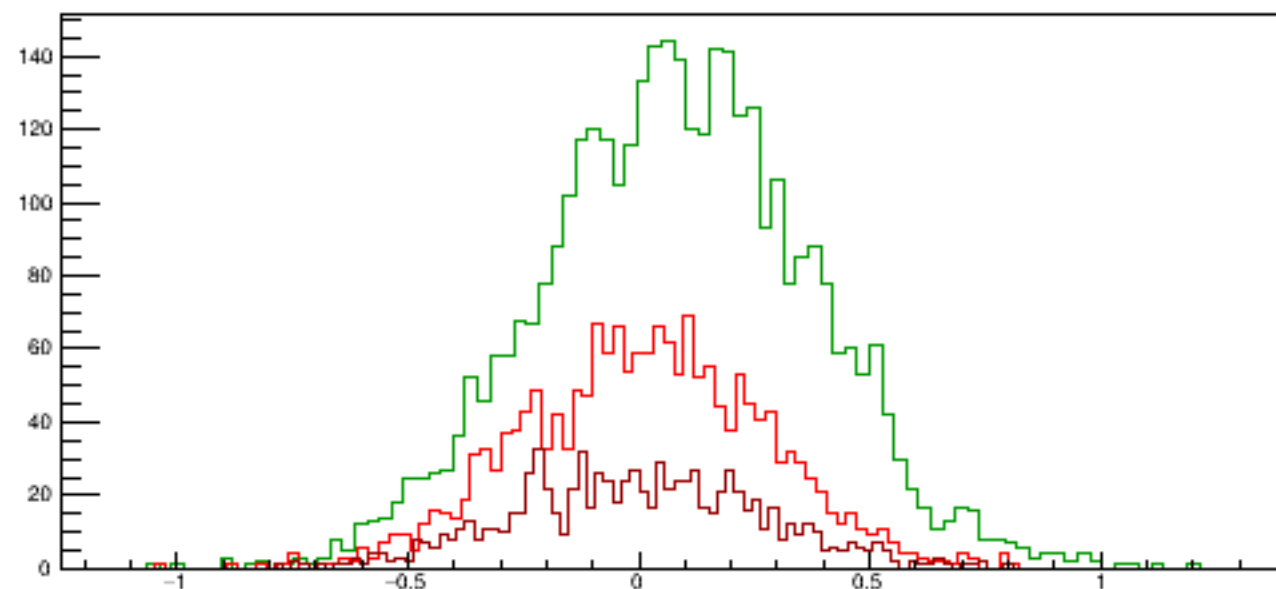
bcm:mpsCoda {mpsCoda>=489364 && mpsCoda<=548467}



Cycle 11, Diffs

Entries: 1821	Entries: 3729	Entries: 893
Mean: 0.0109 +/- 0.0061	Mean: 0.0804 +/- 0.0048	Mean: -0.0025 +/- 0.0090
Std Dev: 0.2617 +/- 0.0043	Std Dev: 0.2941 +/- 0.0034	Std Dev: 0.2681 +/- 0.0063

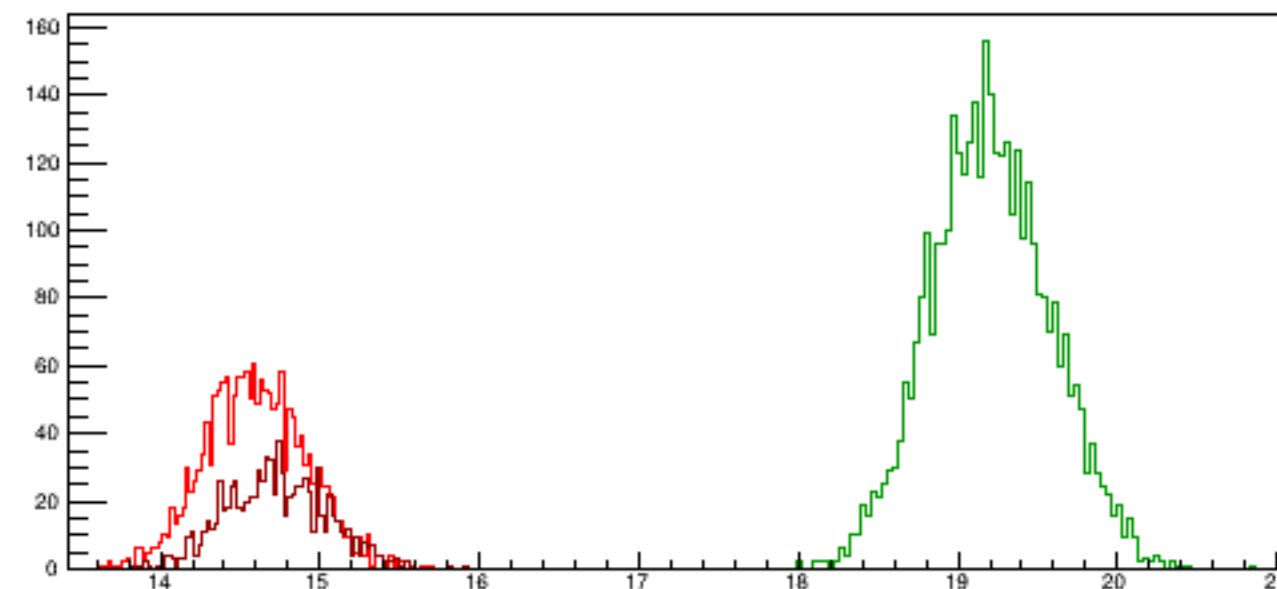
Run 4358 quartetwise, Diffs



Cycle 11, Sums

Entries: 1821	Entries: 3729	Entries: 893
Mean: 14.5975 +/- 0.0074	Mean: 19.2033 +/- 0.0061	Mean: 14.7234 +/- 0.0106
Std Dev: 0.3170 +/- 0.0053	Std Dev: 0.3740 +/- 0.0043	Std Dev: 0.3155 +/- 0.0075

Run 4358 quartetwise, Sums

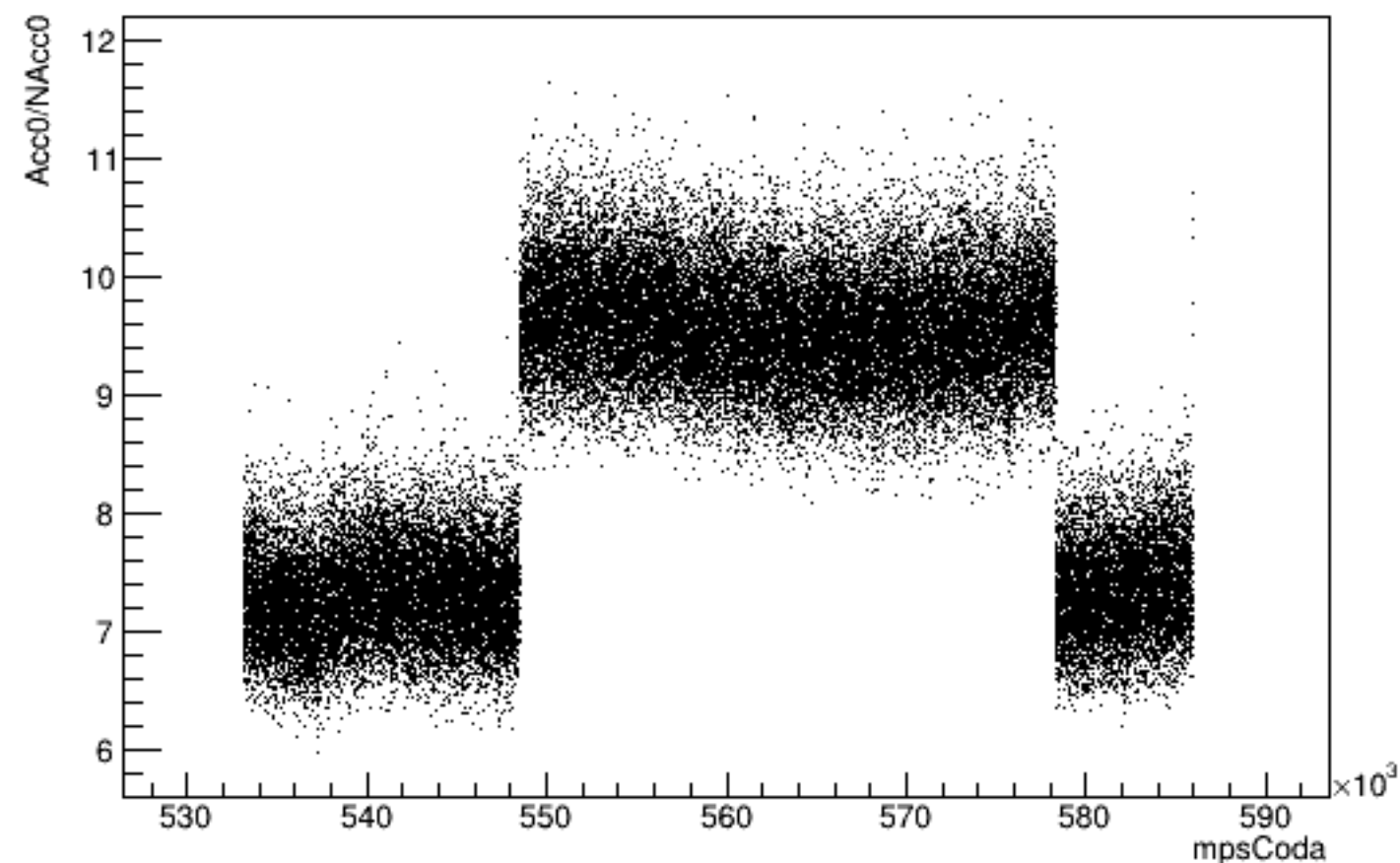
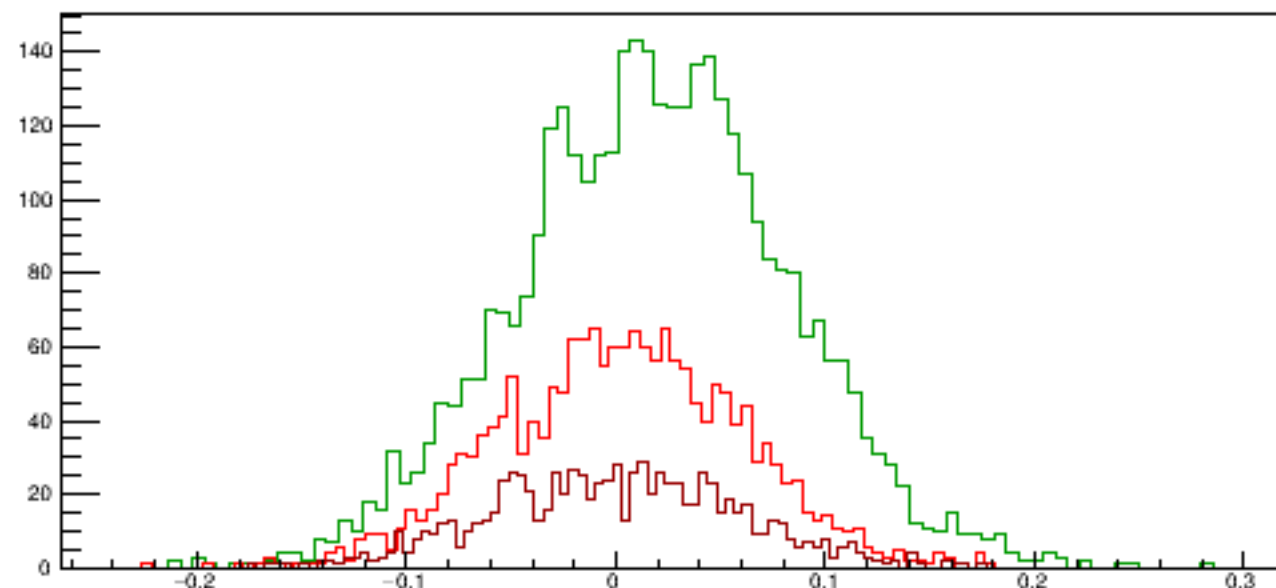


Acc0/NAcc0:mpsCoda (mpsCoda>=533116 && mpsCoda<=585947 && beamState==1)

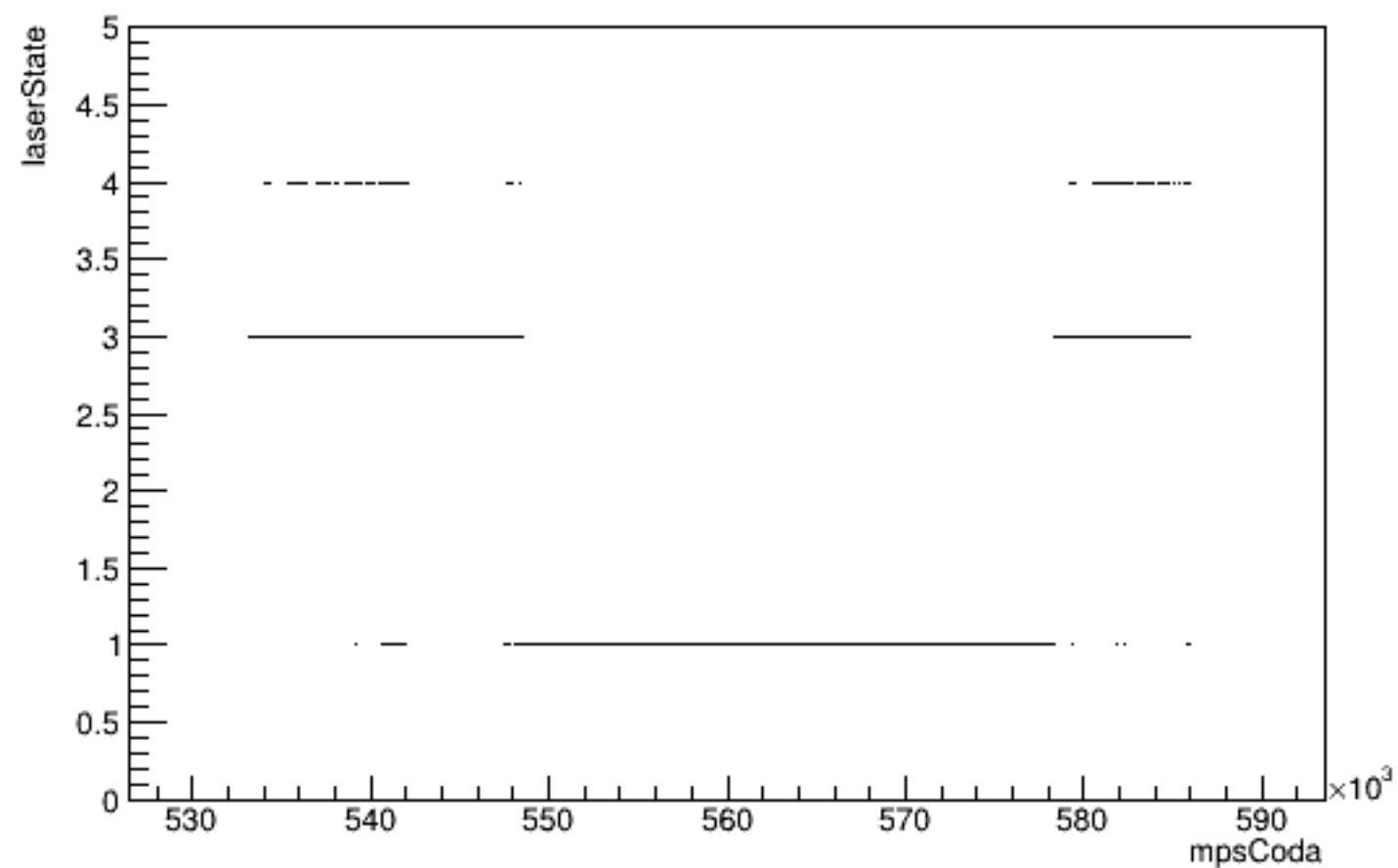
Cycle 11, Asyms

Entries: 1821	Entries: 3729	Entries: 893
Mean: 0.0024 +/- 0.0014	Mean: 0.0177 +/- 0.0011	Mean: -0.0005 +/- 0.0020
Std Dev: 0.0576 +/- 0.0010	Std Dev: 0.0650 +/- 0.0008	Std Dev: 0.0590 +/- 0.0014

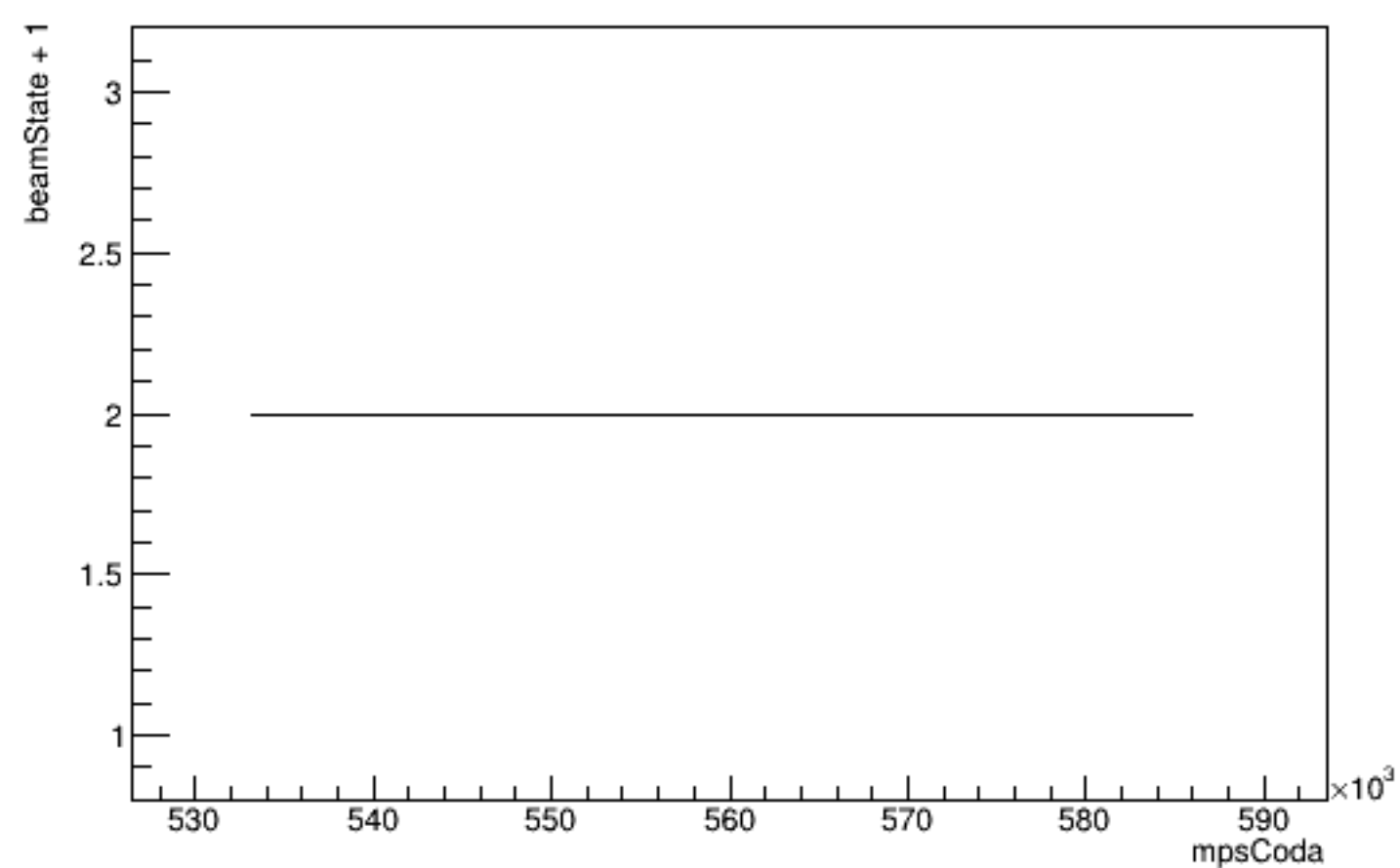
Run 4358 quartetwise, Asyms



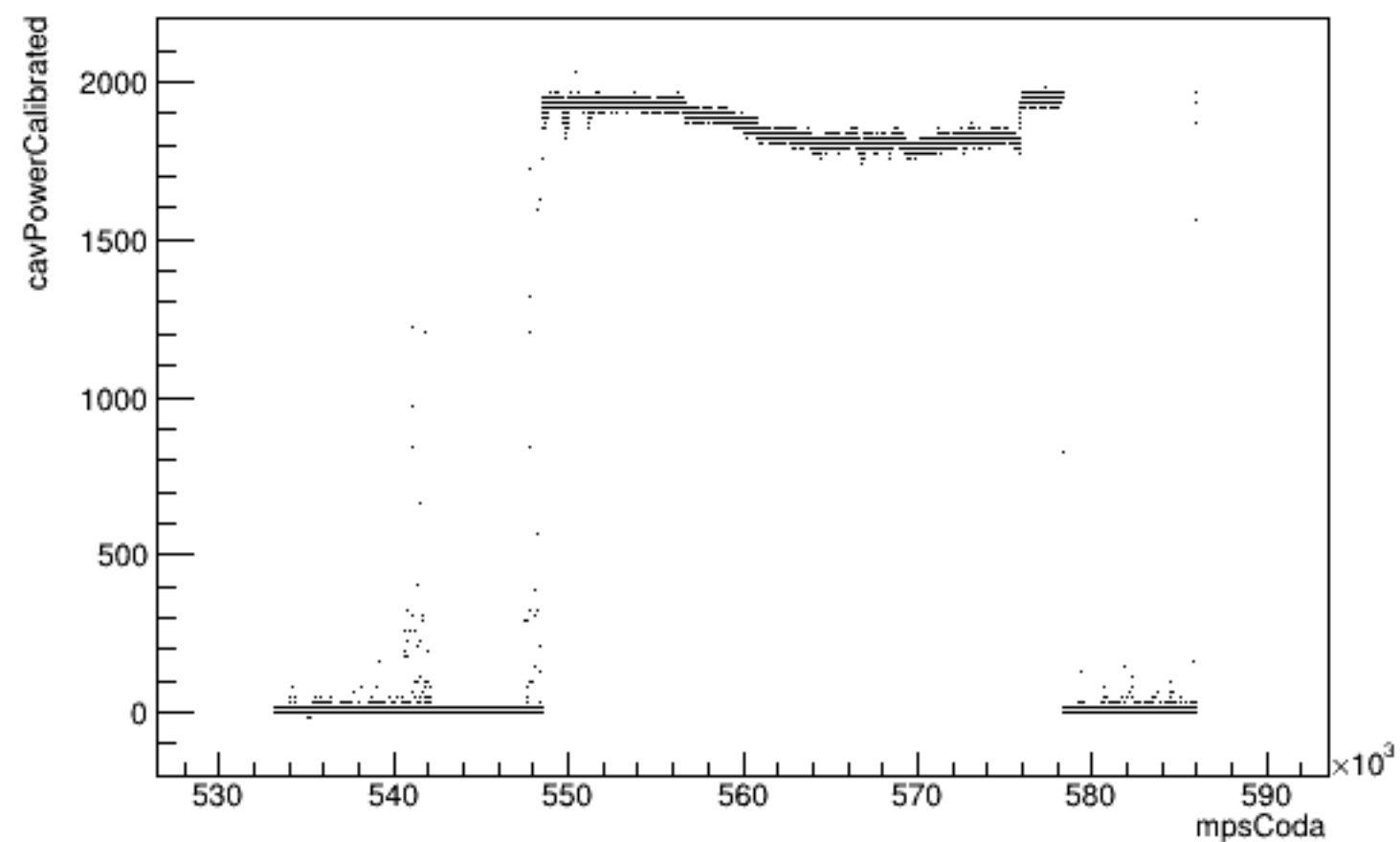
laserState:mpsCoda {mpsCoda>=533116 && mpsCoda<=585947}



beamState + 1:mpsCoda {mpsCoda>=533116 && mpsCoda<=585947}



cavPowerCalibrated:mpsCoda {mpsCoda>=533116 && mpsCoda<=585947}



bcm:mpsCoda {mpsCoda>=533116 && mpsCoda<=585947}

