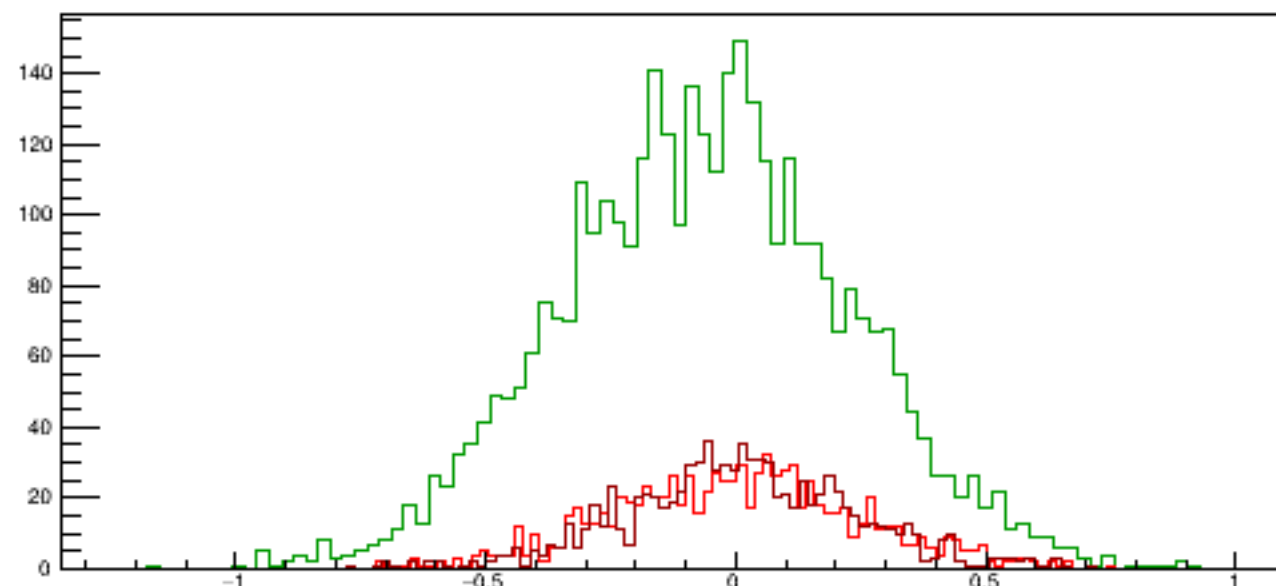


Cycle 1, Diffs

Entries: 928	Entries: 3724	Entries: 914
Mean: -0.0028 +/- 0.0083	Mean: -0.0629 +/- 0.0047	Mean: 0.0064 +/- 0.0077
Std Dev: 0.2518 +/- 0.0058	Std Dev: 0.2873 +/- 0.0033	Std Dev: 0.2333 +/- 0.0055

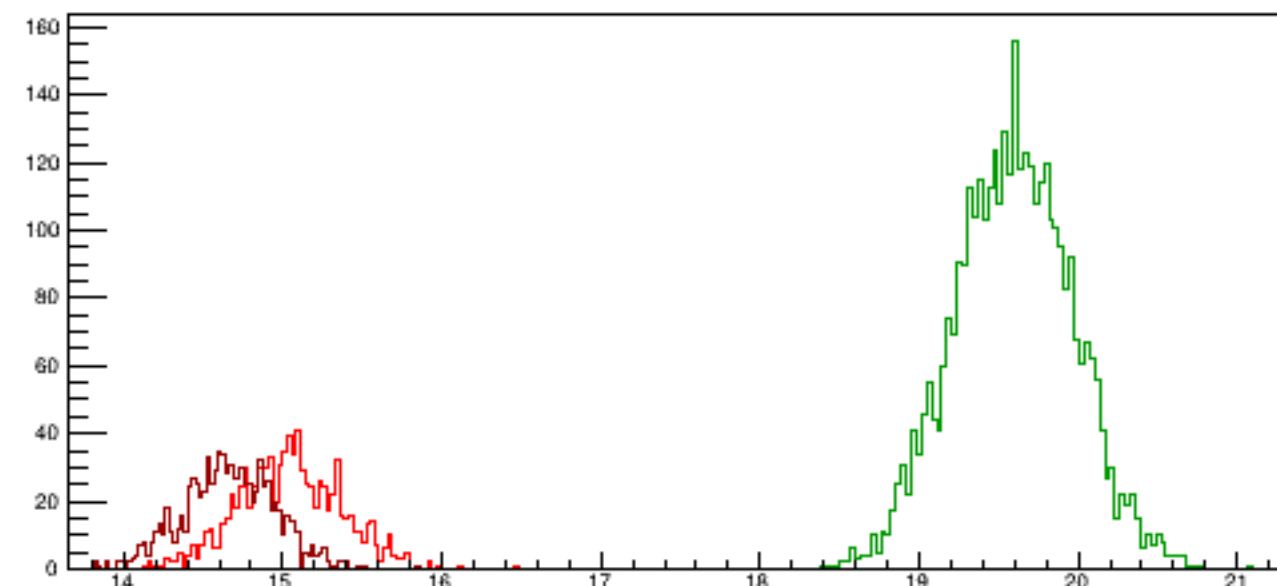
Run 4369 quartetwise, Diffs



Cycle 1, Sums

Entries: 928	Entries: 3724	Entries: 914
Mean: 15.0438 +/- 0.0106	Mean: 19.5947 +/- 0.0061	Mean: 14.6631 +/- 0.0095
Std Dev: 0.3218 +/- 0.0075	Std Dev: 0.3714 +/- 0.0043	Std Dev: 0.2862 +/- 0.0067

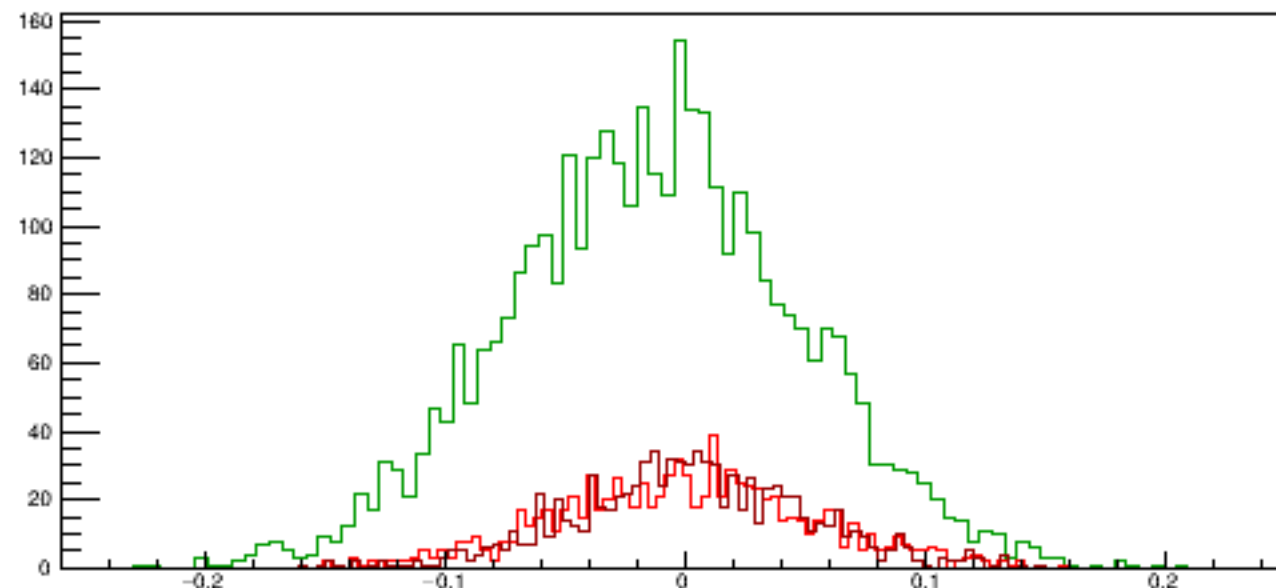
Run 4369 quartetwise, Sums



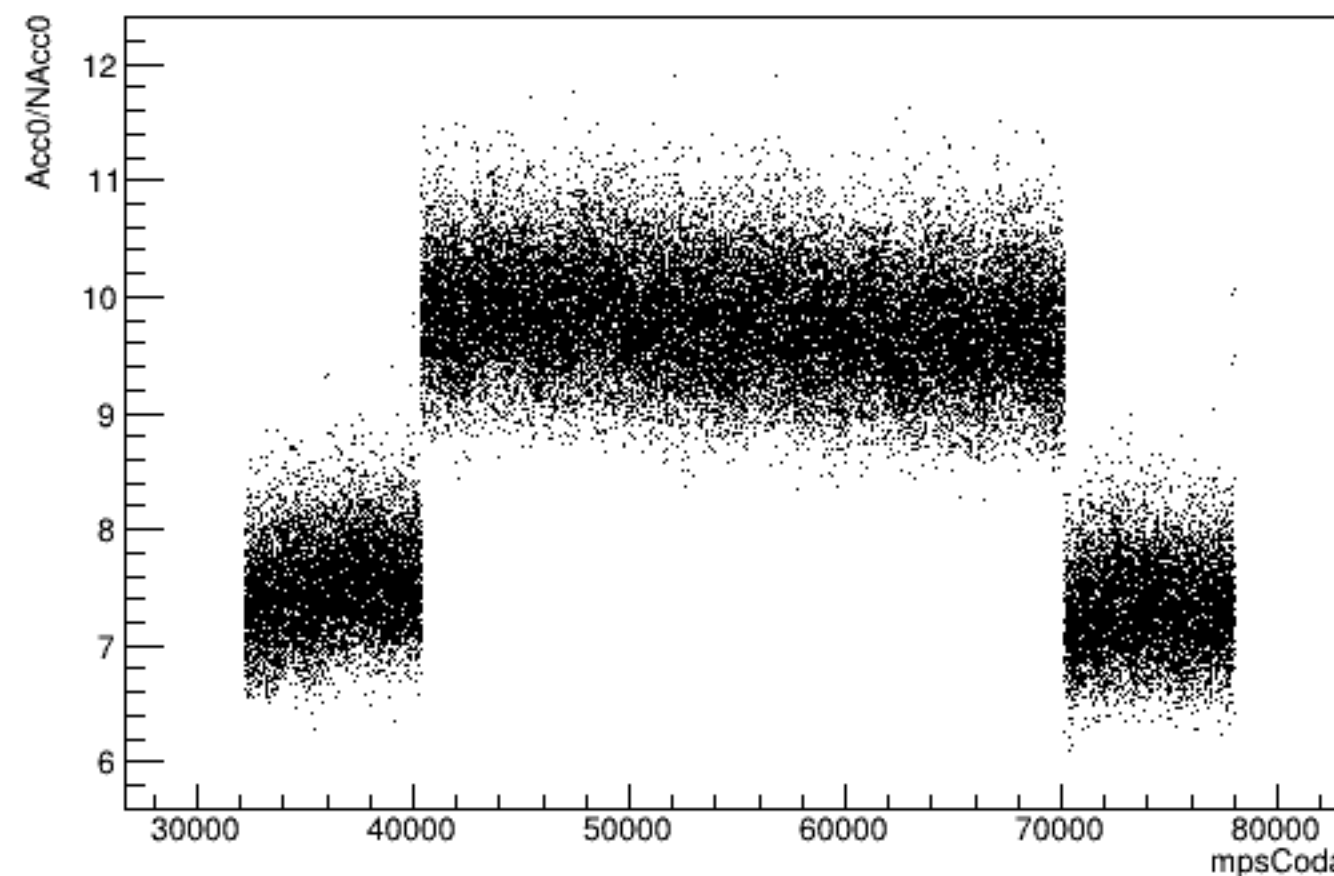
Cycle 1, Asyms

Entries: 928	Entries: 3724	Entries: 914
Mean: -0.0006 +/- 0.0017	Mean: -0.0132 +/- 0.0010	Mean: 0.0013 +/- 0.0016
Std Dev: 0.0531 +/- 0.0012	Std Dev: 0.0609 +/- 0.0007	Std Dev: 0.0492 +/- 0.0012

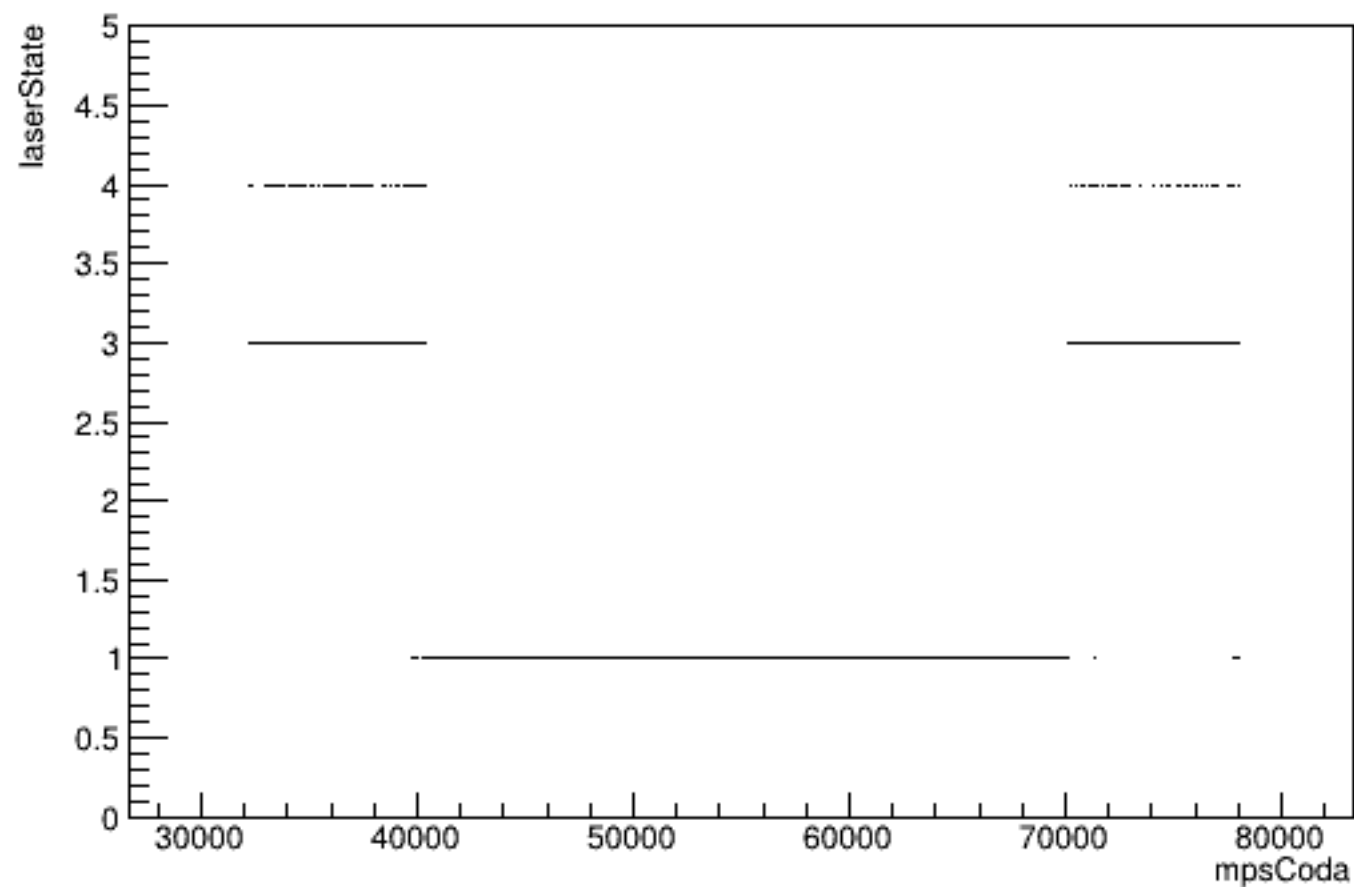
Run 4369 quartetwise, Asyms



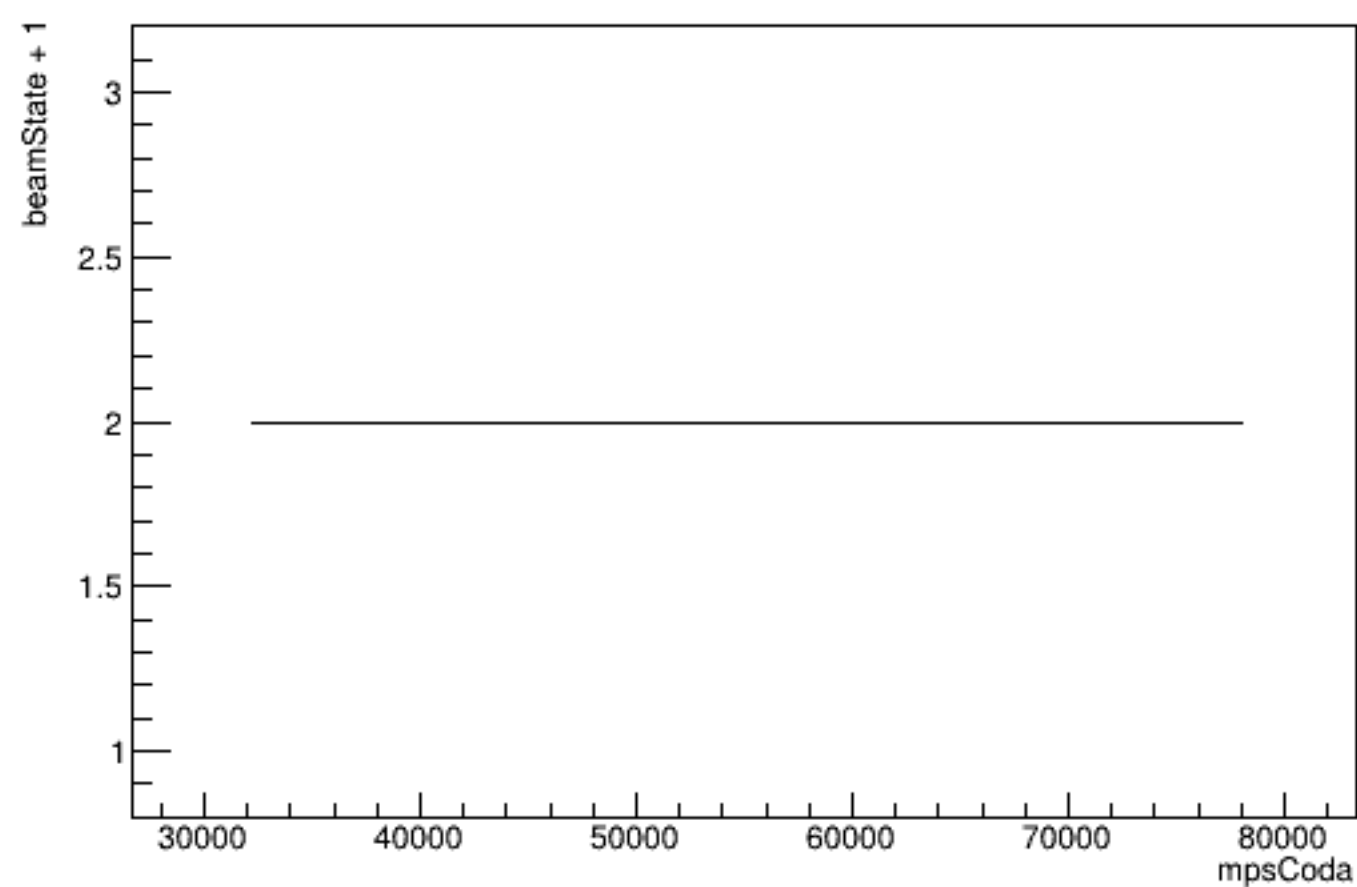
Acc0/NAcc0:mpsCoda {mpsCoda>=32220 && mpsCoda<=77987 && beamState==1}



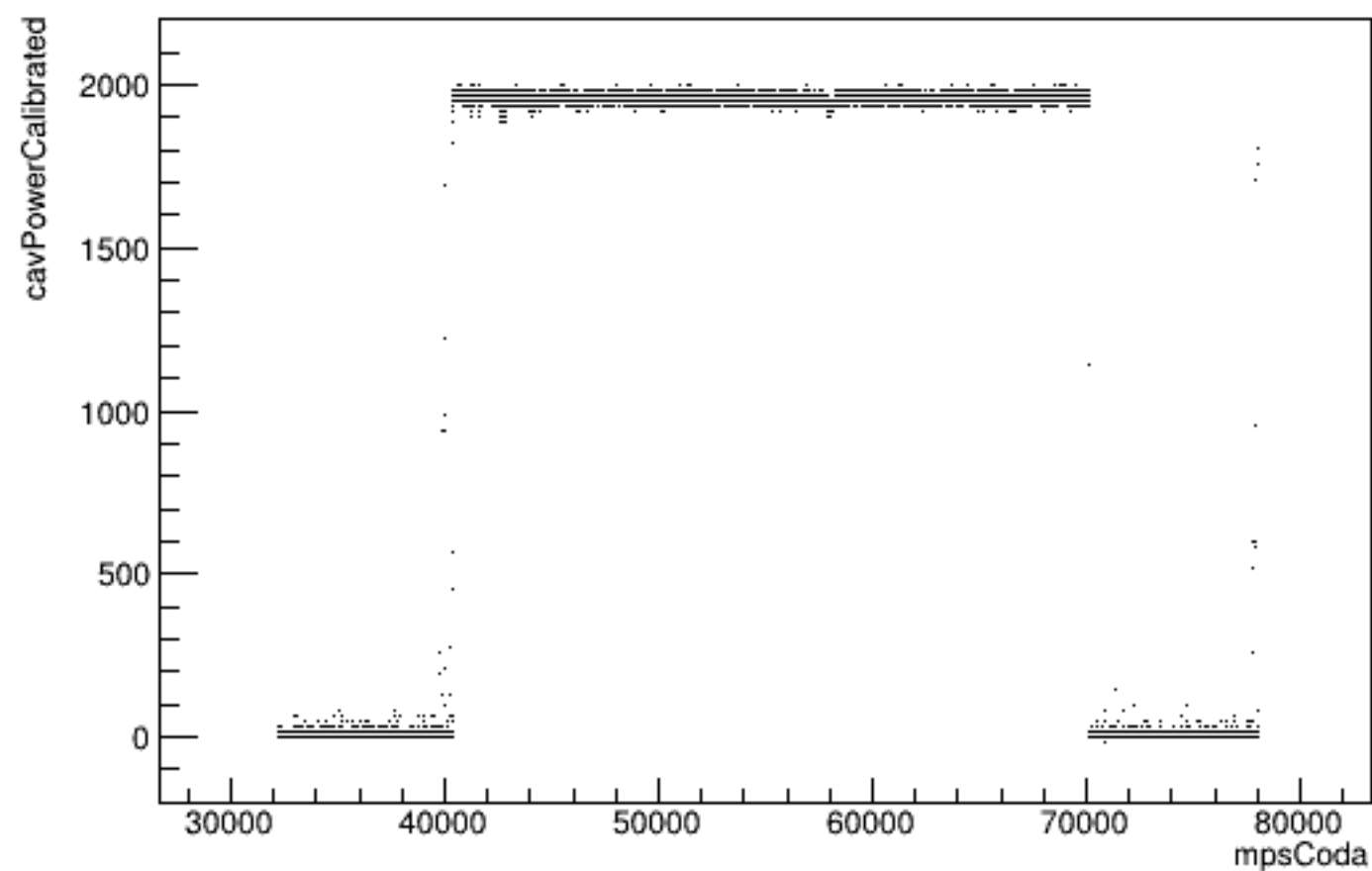
laserState:mpsCoda {mpsCoda>=32220 && mpsCoda<=77987}



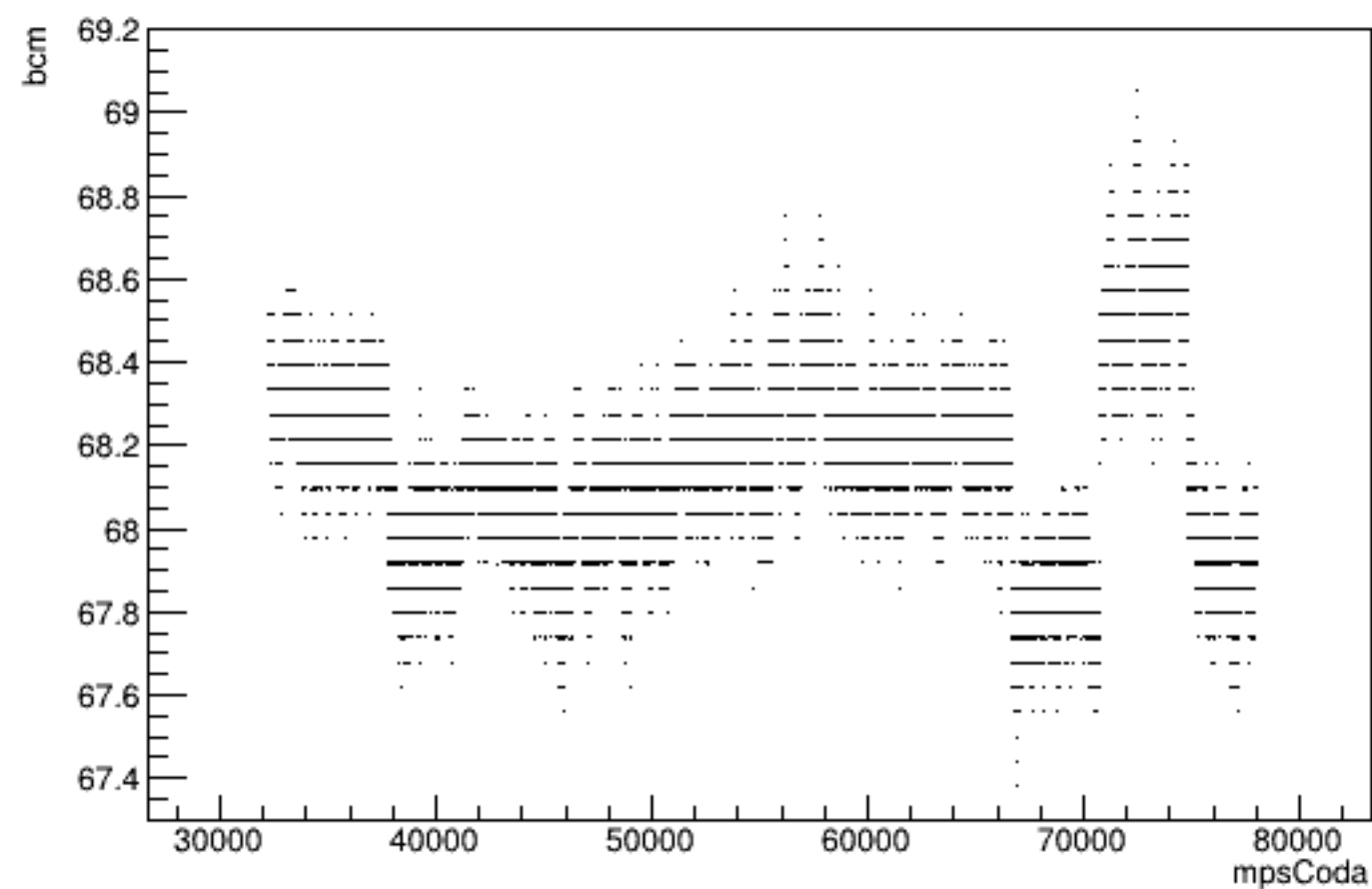
beamState + 1:mpsCoda {mpsCoda>=32220 && mpsCoda<=77987}



cavPowerCalibrated:mpsCoda {mpsCoda>=32220 && mpsCoda<=77987}



bcm:mpsCoda {mpsCoda>=32220 && mpsCoda<=77987}



Cycle 2, Diffs

Entries: 914

Mean: 0.0064 +/- 0.0077

Std Dev: 0.2333 +/- 0.0055

Entries: 3764

Mean: -0.0756 +/- 0.0047

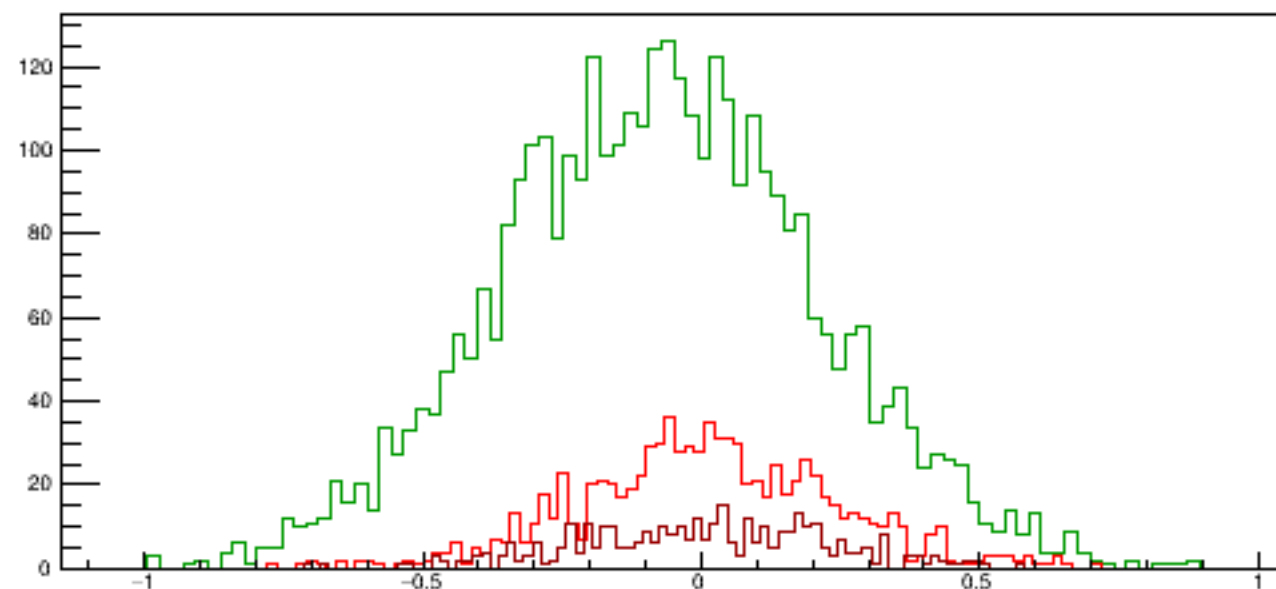
Std Dev: 0.2858 +/- 0.0033

Entries: 361

Mean: 0.0007 +/- 0.0119

Std Dev: 0.2258 +/- 0.0084

Run 4369 quartetwise, Diffs



Cycle 2, Sums

Entries: 914

Mean: 14.6631 +/- 0.0095

Std Dev: 0.2862 +/- 0.0067

Entries: 3764

Mean: 19.5065 +/- 0.0055

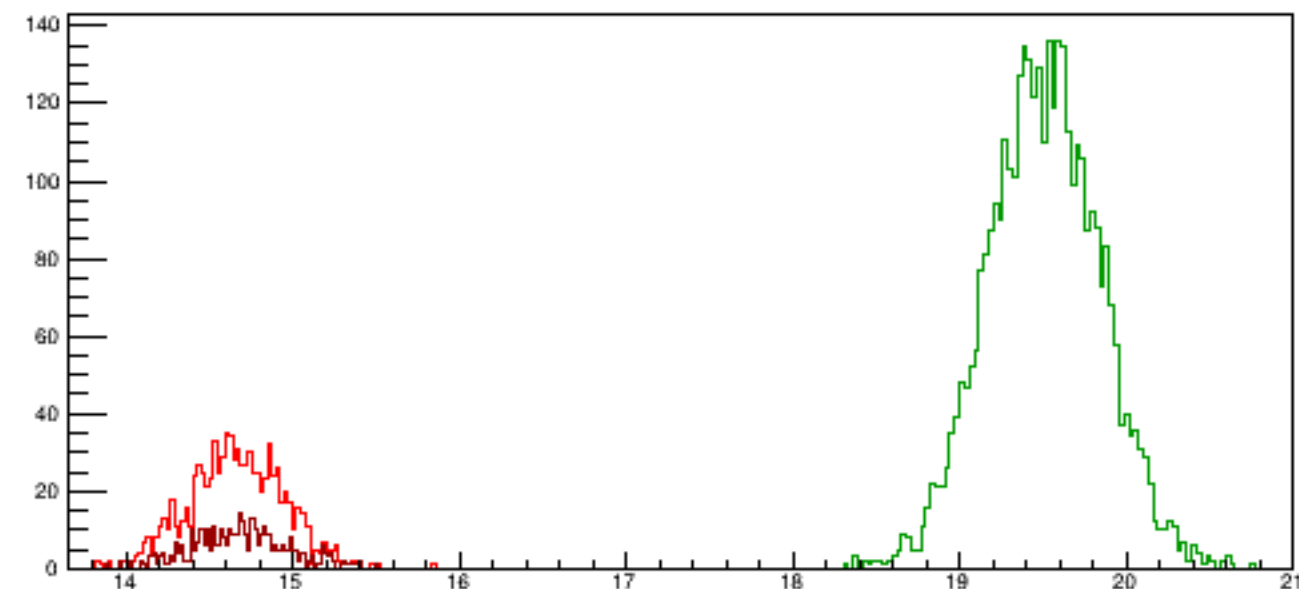
Std Dev: 0.3364 +/- 0.0039

Entries: 361

Mean: 14.6868 +/- 0.0154

Std Dev: 0.2924 +/- 0.0109

Run 4369 quartetwise, Sums



Cycle 2, Asyms

Entries: 914

Mean: 0.0013 +/- 0.0016

Std Dev: 0.0483 +/- 0.0011

Entries: 3764

Mean: -0.0157 +/- 0.0010

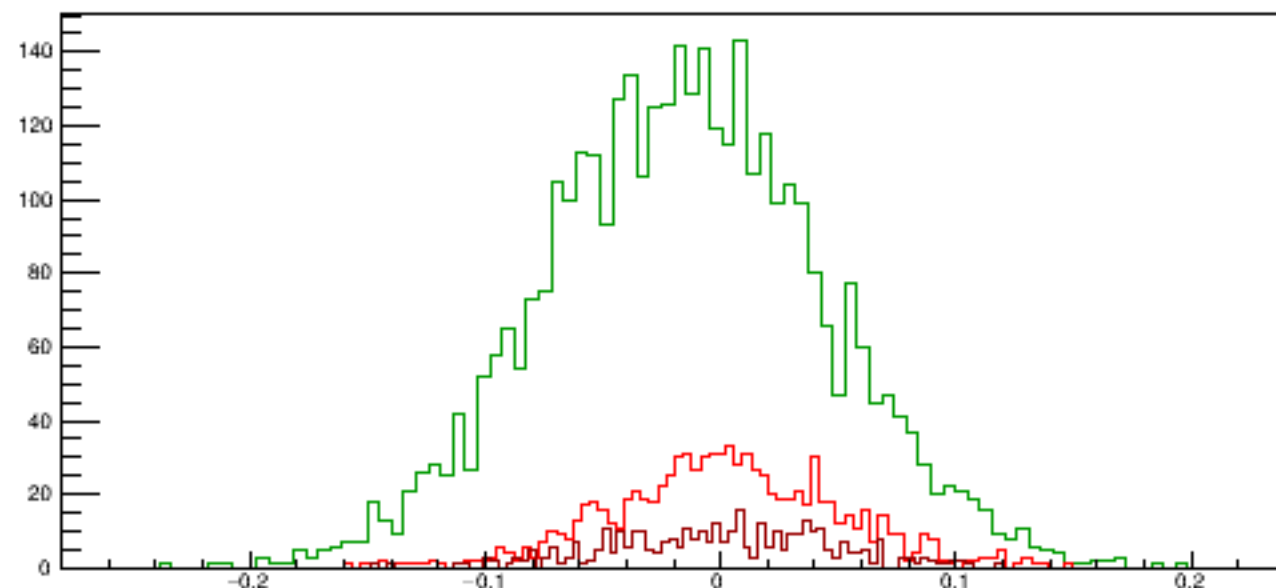
Std Dev: 0.0594 +/- 0.0007

Entries: 361

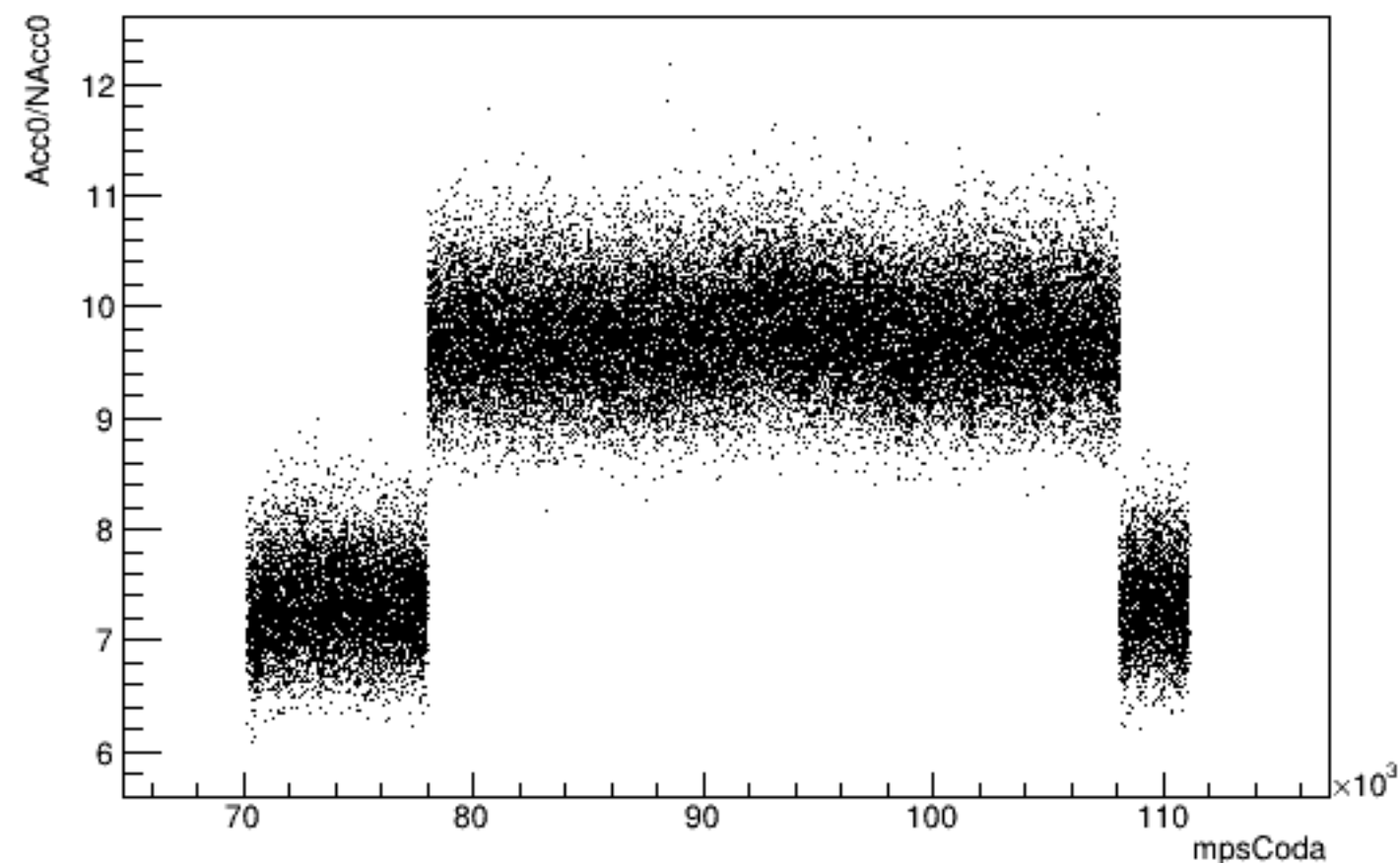
Mean: 0.0001 +/- 0.0025

Std Dev: 0.0467 +/- 0.0017

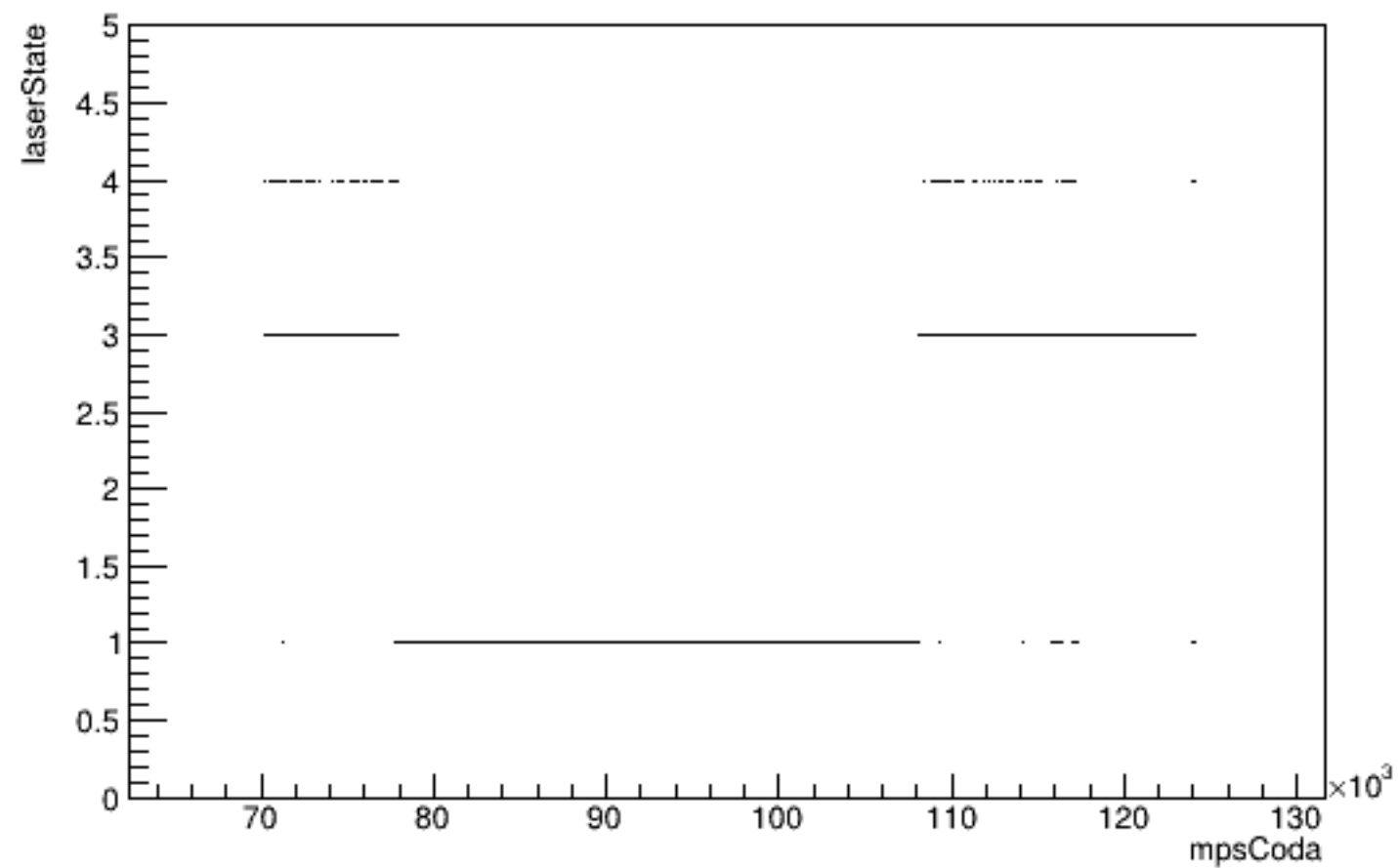
Run 4369 quartetwise, Asyms



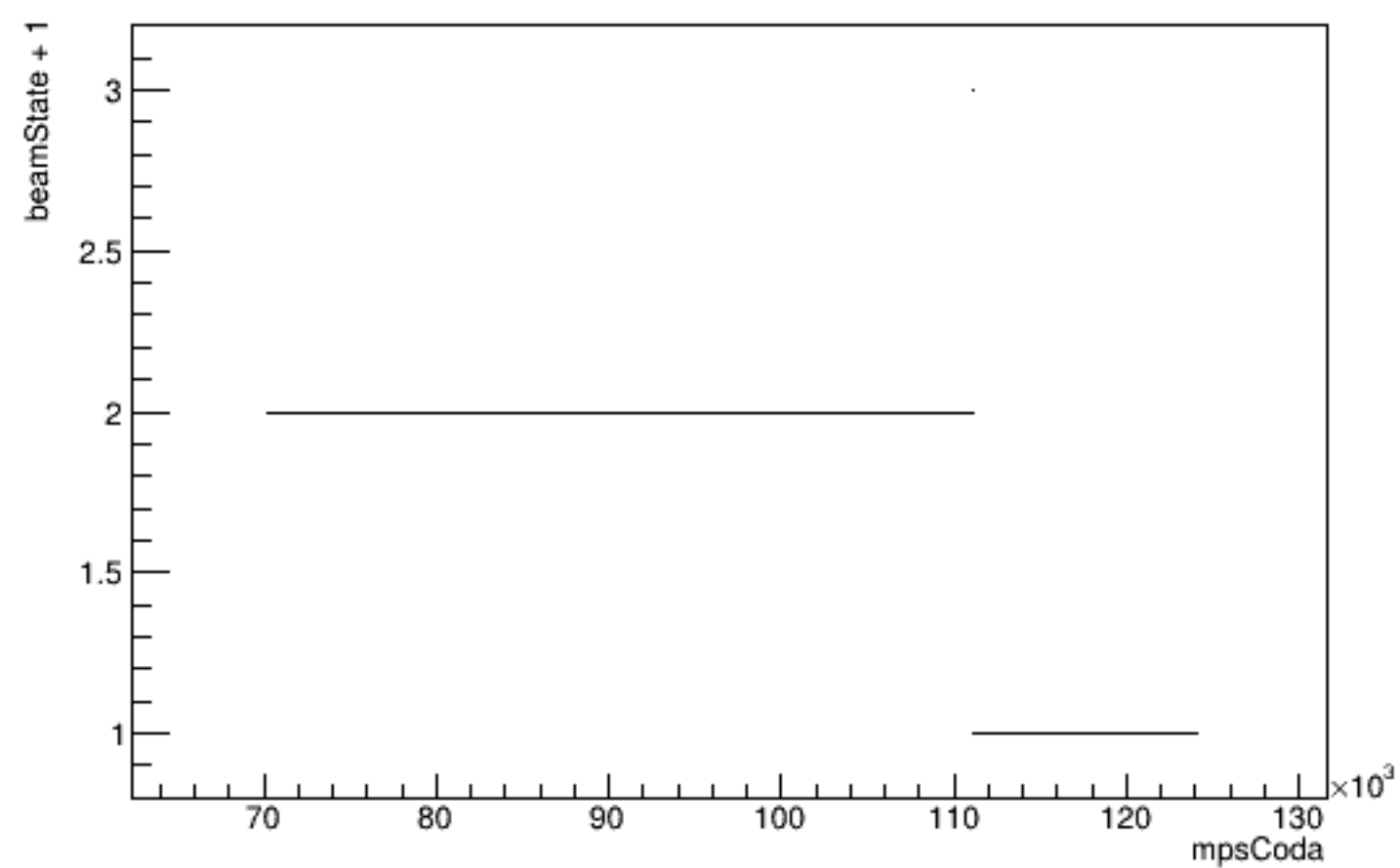
Acc0/NAcc0:mpsCoda {mpsCoda>=70164 && mpsCoda<=124123 && beamState==1}



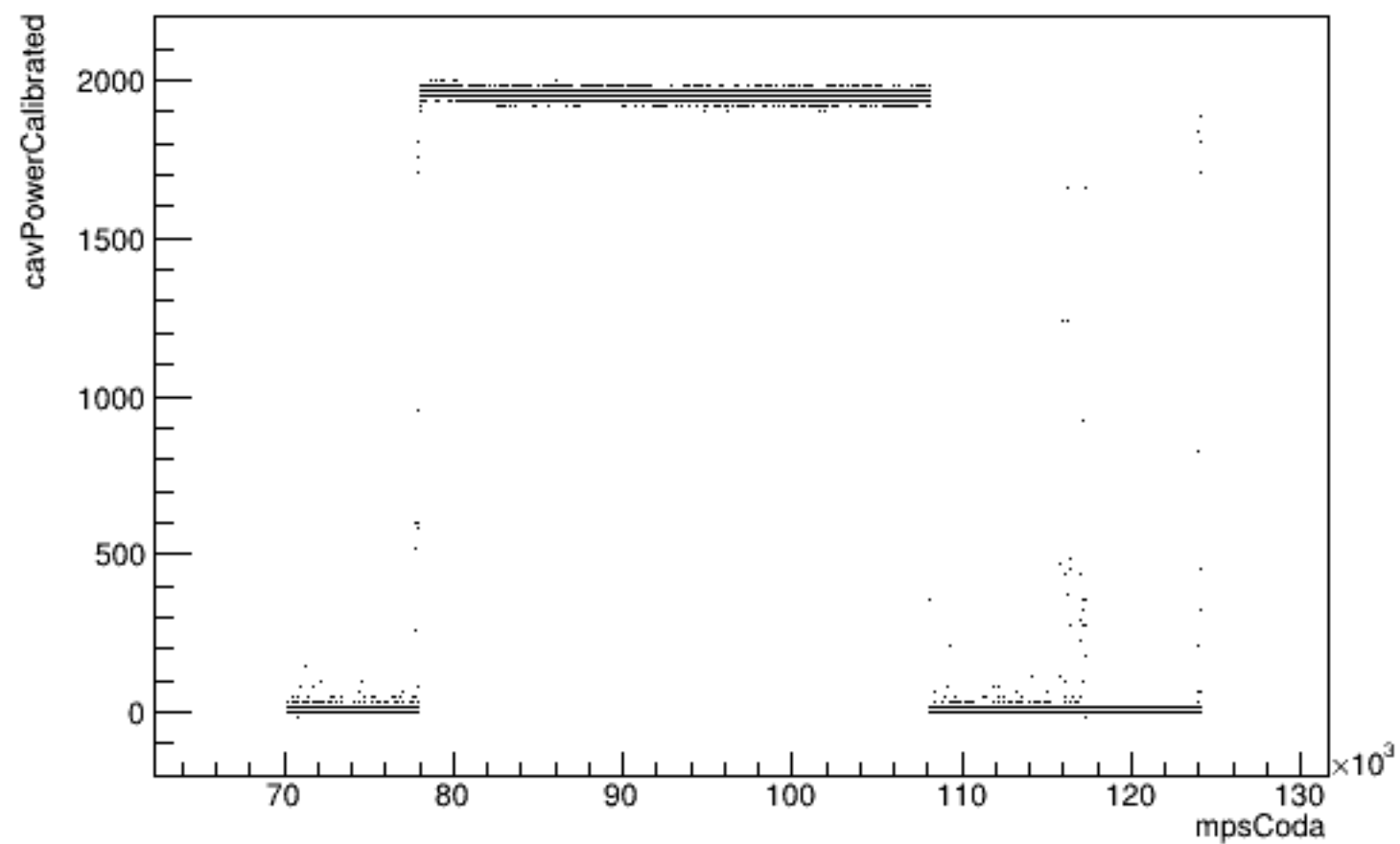
laserState:mpsCoda {mpsCoda>=70164 && mpsCoda<=124123}



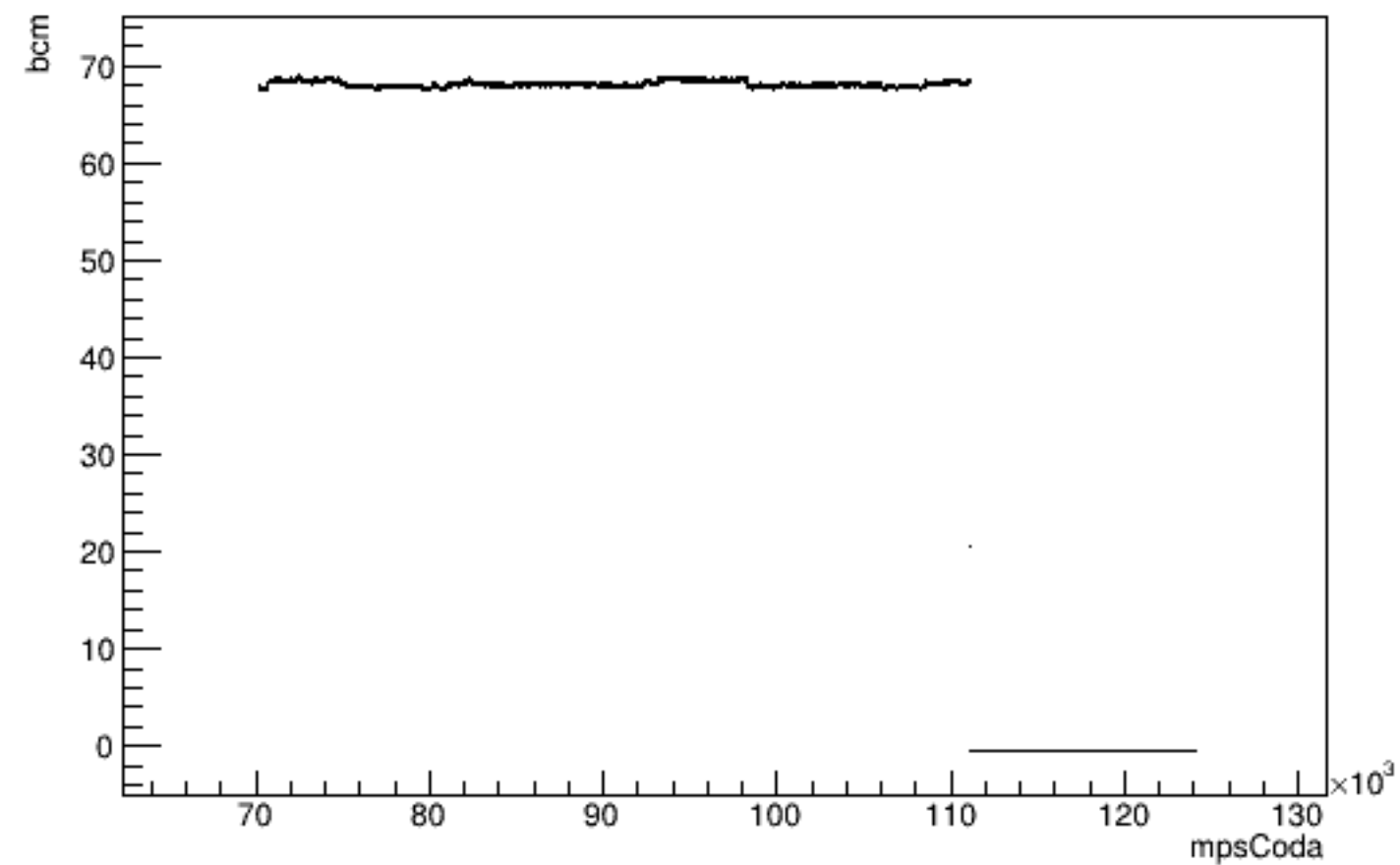
beamState + 1:mpsCoda {mpsCoda>=70164 && mpsCoda<=124123}



cavPowerCalibrated:mpsCoda {mpsCoda>=70164 && mpsCoda<=124123}



bcm:mpsCoda {mpsCoda>=70164 && mpsCoda<=124123}



Cycle 3, Diffs

Entries: 361

Mean: 0.0007 +/- 0.0119

Std Dev: 0.2258 +/- 0.0084

Entries: 2859

Mean: -0.0789 +/- 0.0053

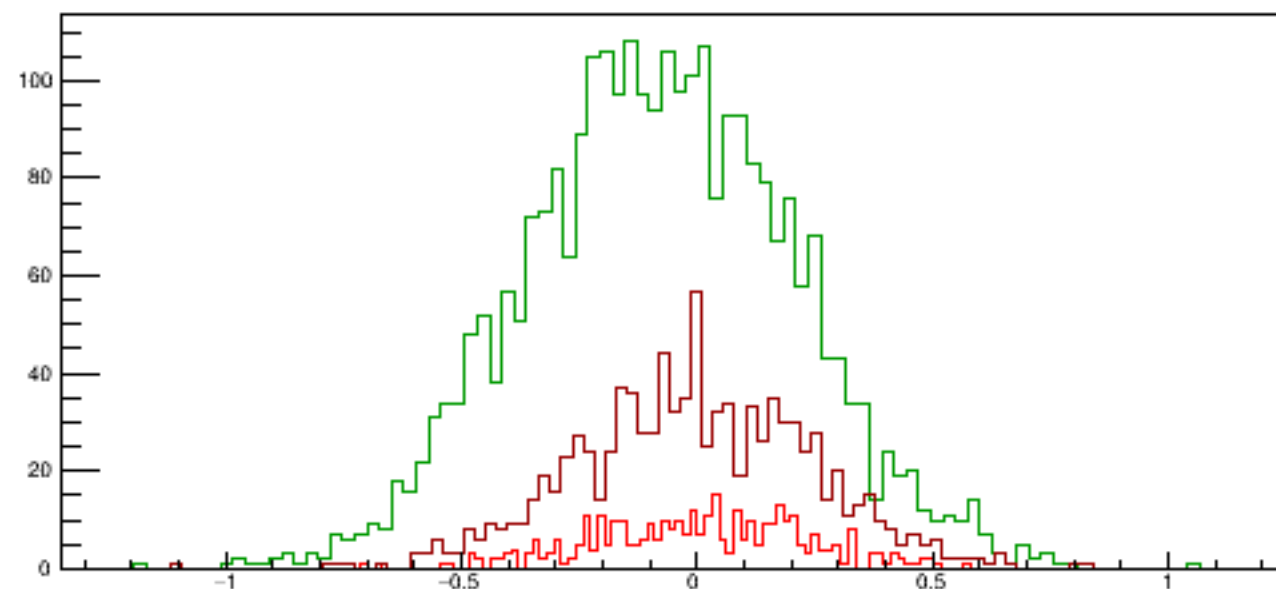
Std Dev: 0.2844 +/- 0.0038

Entries: 975

Mean: -0.0045 +/- 0.0080

Std Dev: 0.2493 +/- 0.0056

Run 4369 quartetwise, Diffs



Cycle 3, Sums

Entries: 361

Mean: 14.6868 +/- 0.0154

Std Dev: 0.2924 +/- 0.0109

Entries: 2859

Mean: 19.4327 +/- 0.0063

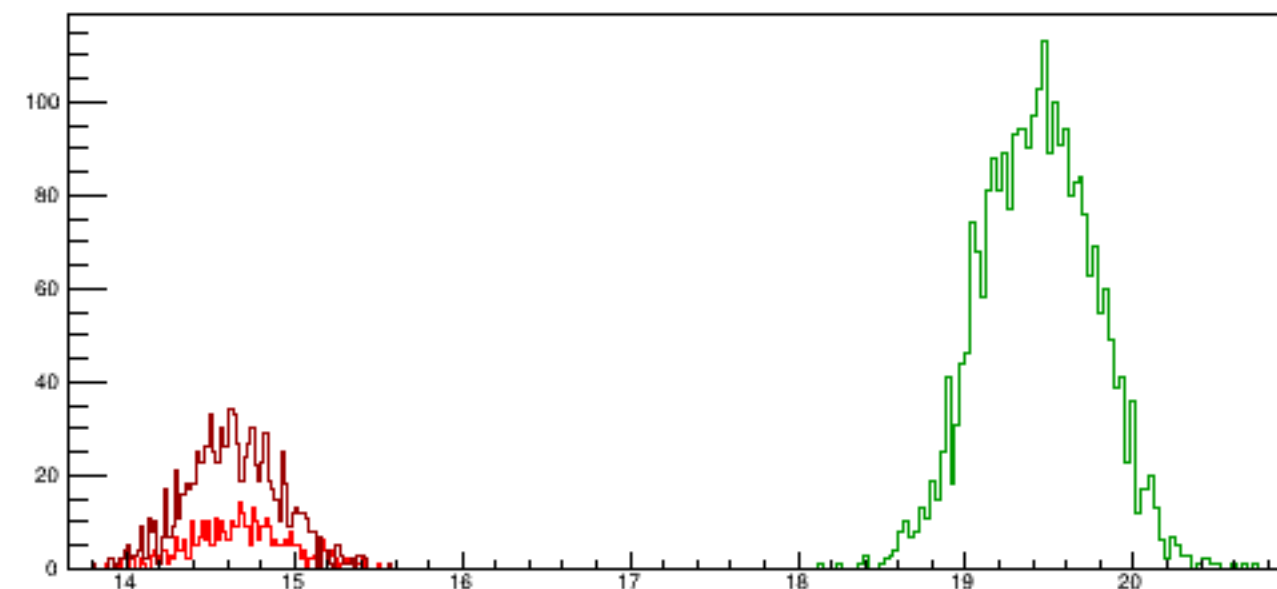
Std Dev: 0.3372 +/- 0.0045

Entries: 975

Mean: 14.6308 +/- 0.0091

Std Dev: 0.2838 +/- 0.0064

Run 4369 quartetwise, Sums



Cycle 3, Asyms

Entries: 361

Mean: 0.0001 +/- 0.0025

Std Dev: 0.0473 +/- 0.0018

Entries: 2859

Mean: -0.0165 +/- 0.0011

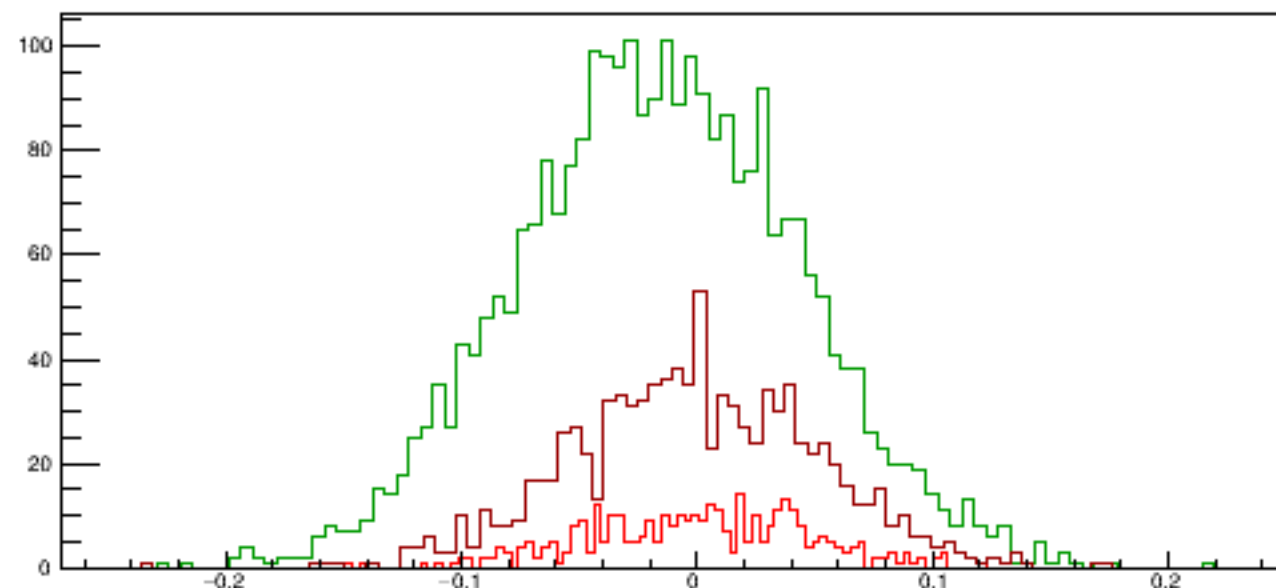
Std Dev: 0.0596 +/- 0.0008

Entries: 975

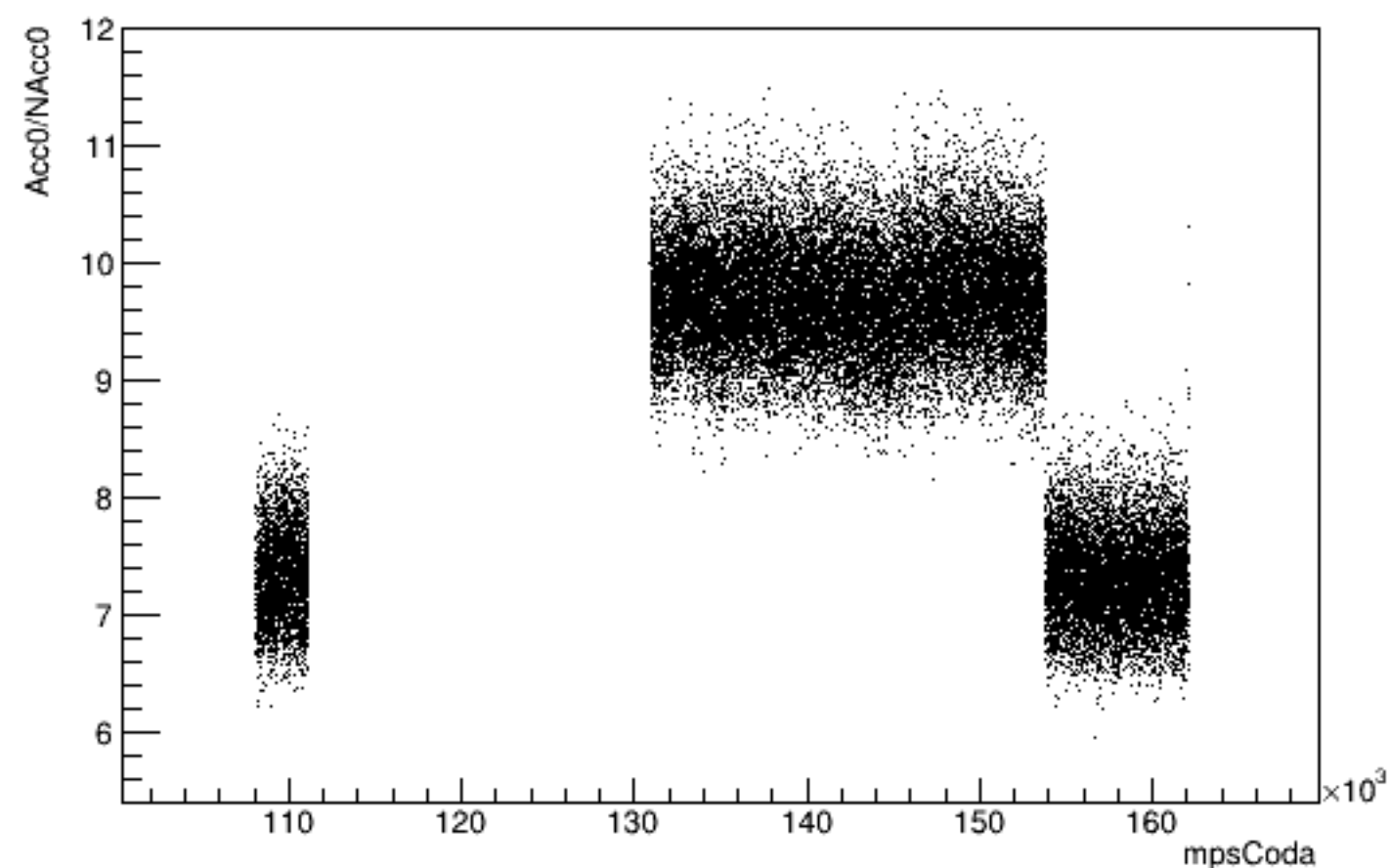
Mean: -0.0010 +/- 0.0017

Std Dev: 0.0522 +/- 0.0012

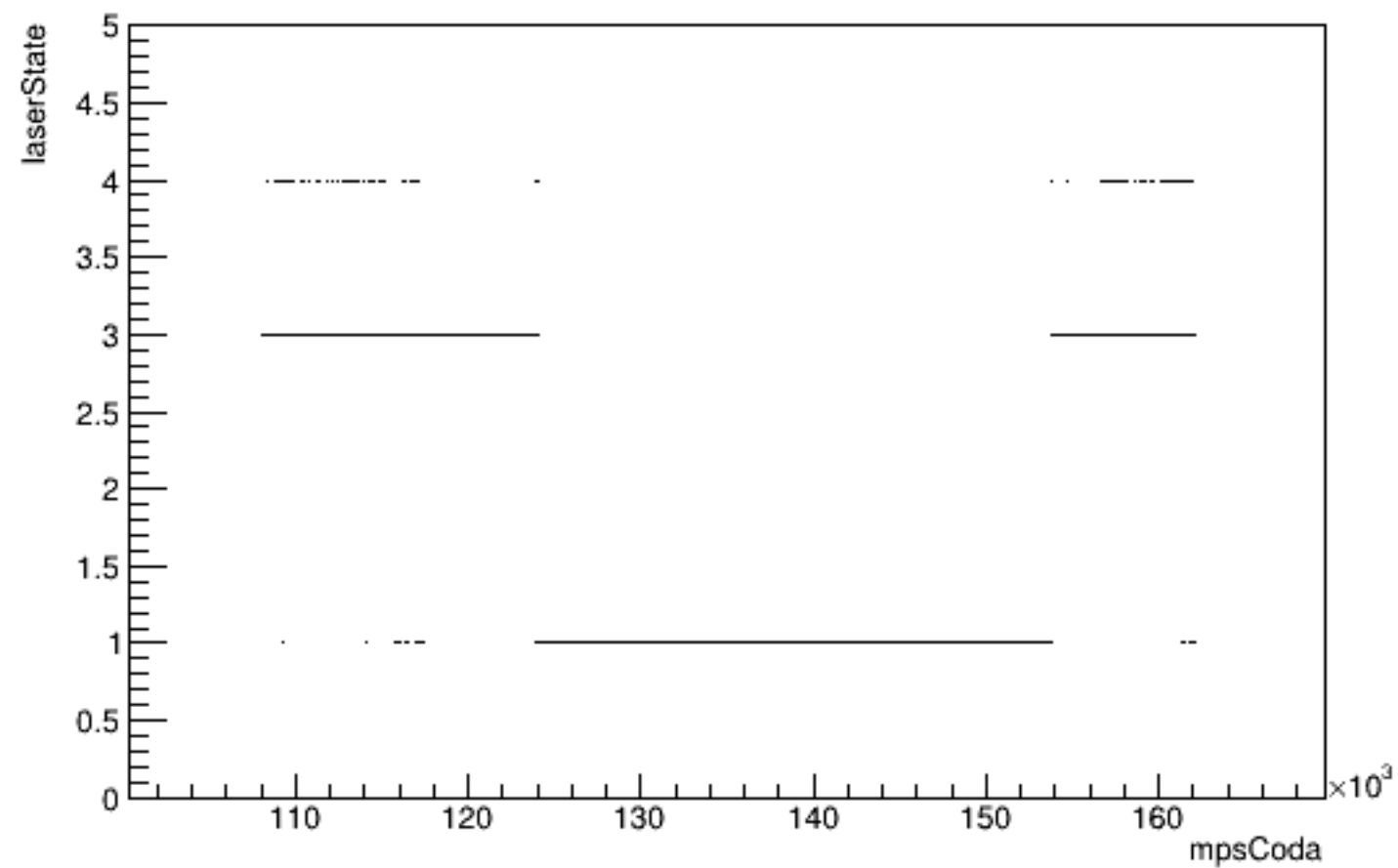
Run 4369 quartetwise, Asyms



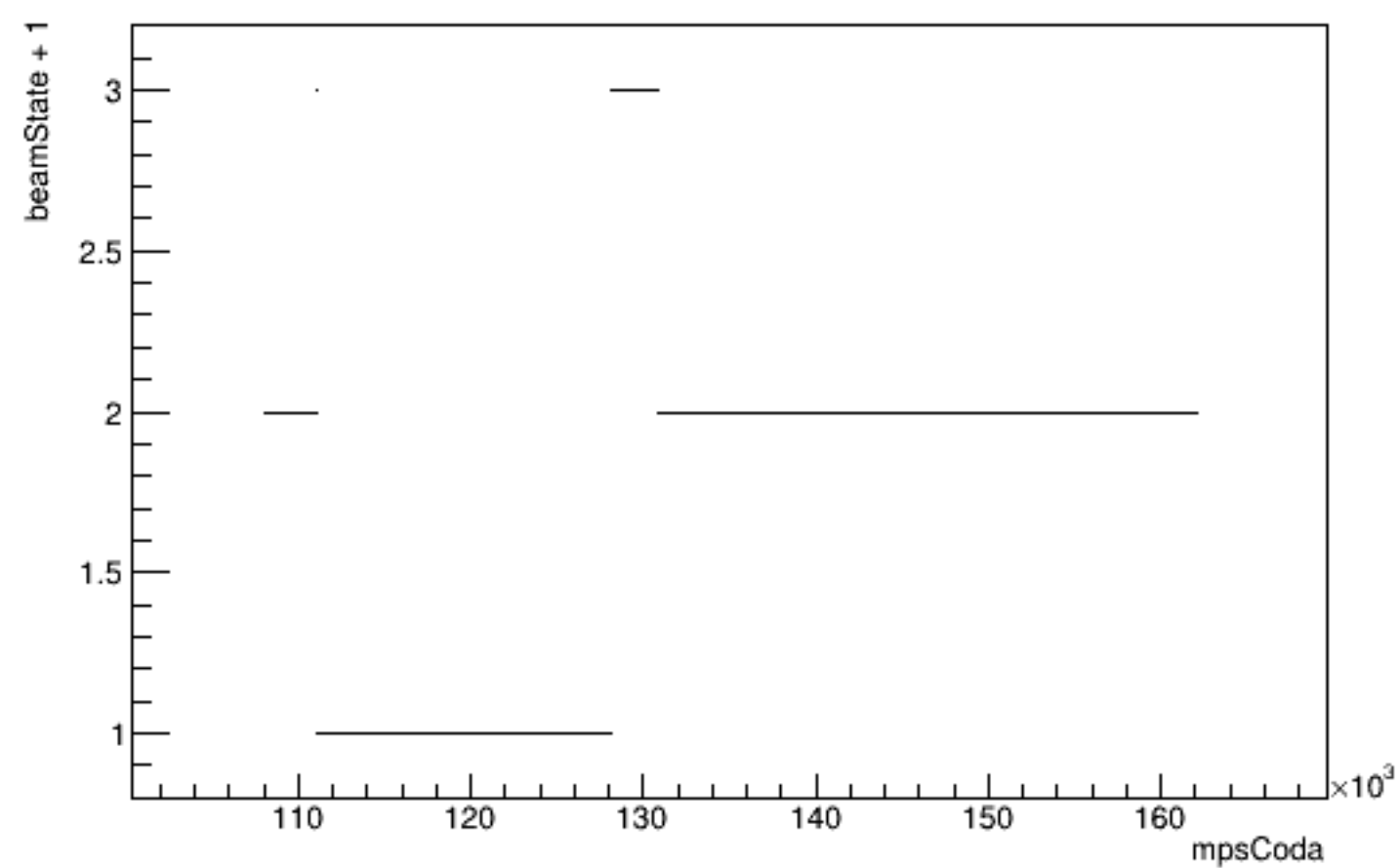
Acc0/NAcc0:mpsCoda (mpsCoda>=108108 && mpsCoda<=162059 && beamState==1)



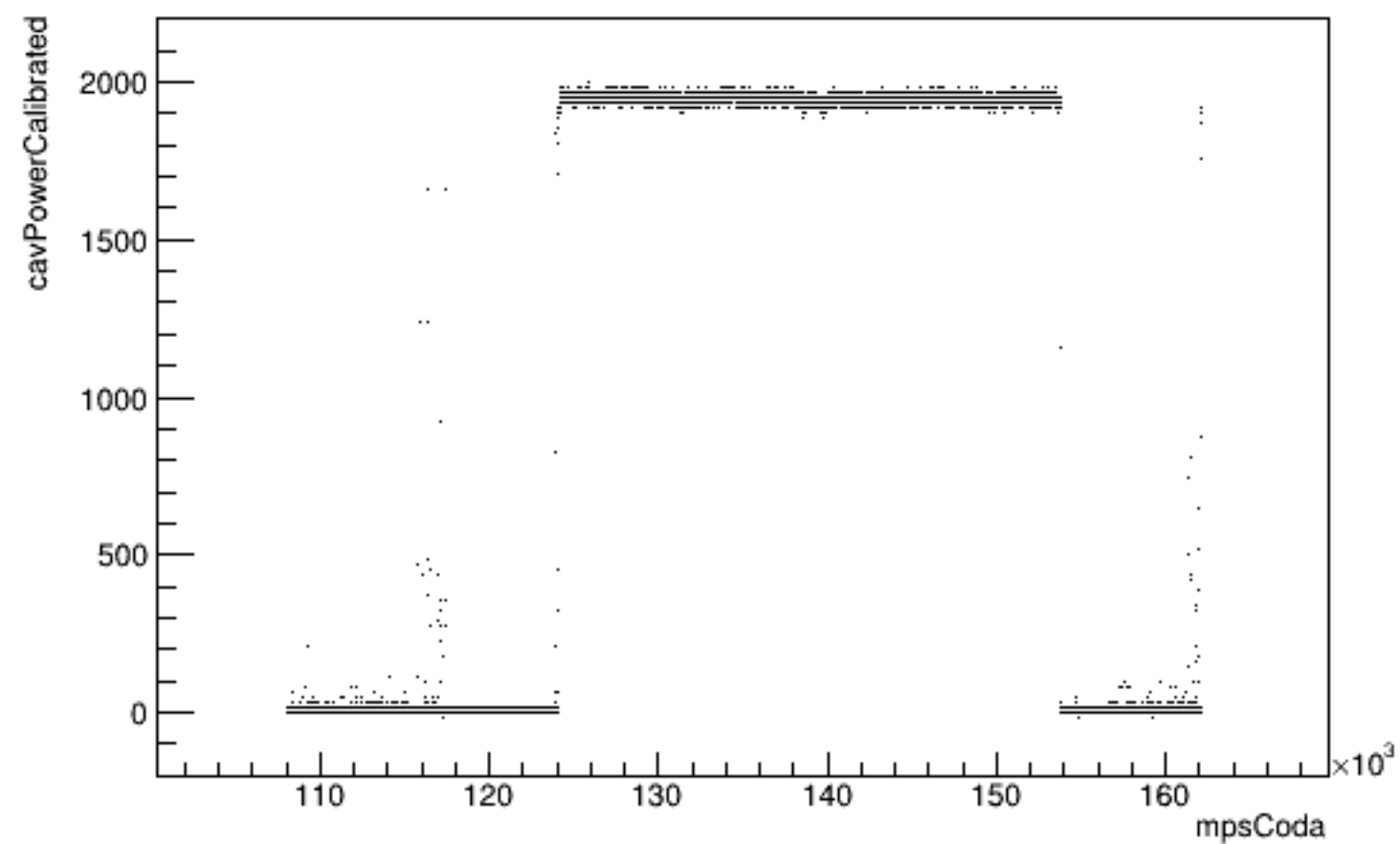
laserState:mpsCoda {mpsCoda>=108108 && mpsCoda<=162059}



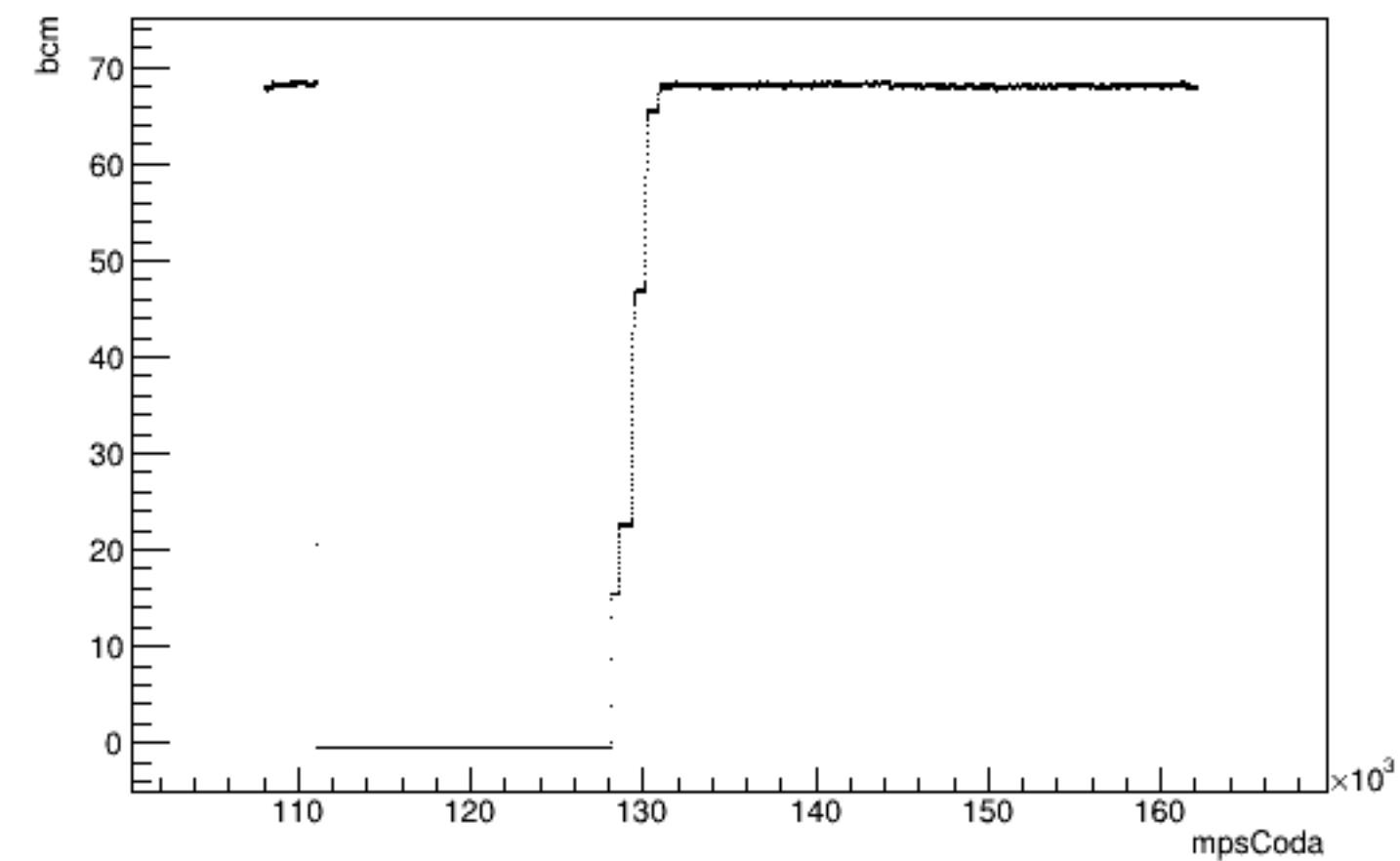
beamState + 1:mpsCoda {mpsCoda>=108108 && mpsCoda<=162059}



cavPowerCalibrated:mpsCoda {mpsCoda>=108108 && mpsCoda<=162059}



bcm:mpsCoda {mpsCoda>=108108 && mpsCoda<=162059}



Cycle 4, Diffs

Entries: 1153

Mean: 0.0022 +/- 0.0072

Std Dev: 0.2455 +/- 0.0051

Entries: 3760

Mean: -0.0689 +/- 0.0047

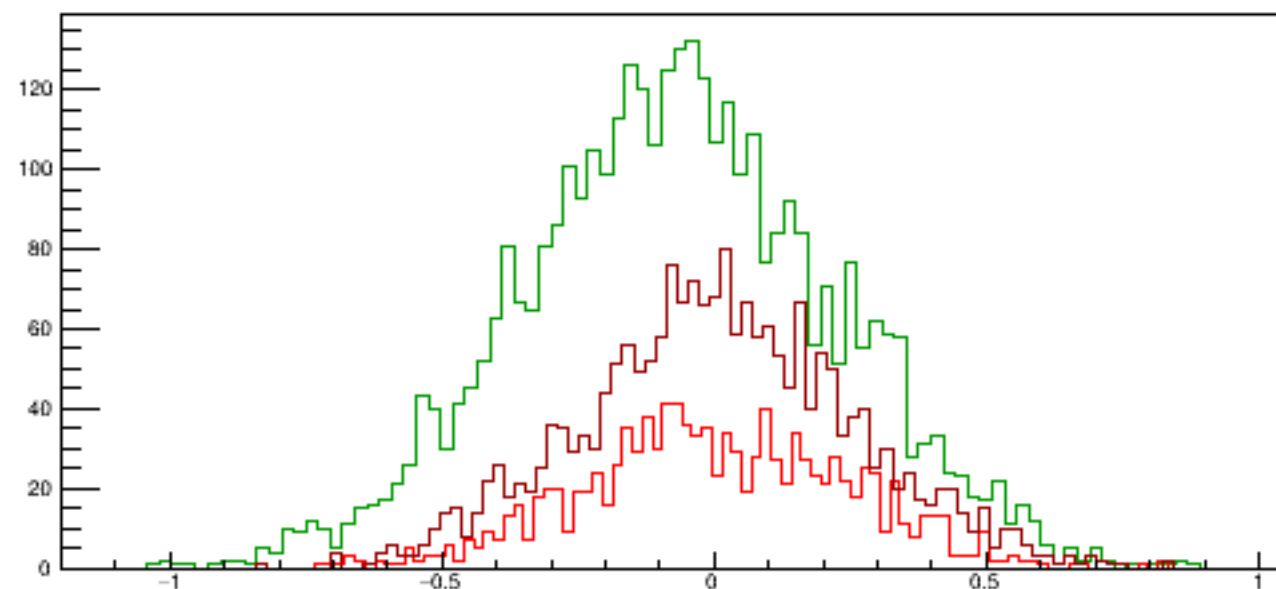
Std Dev: 0.2874 +/- 0.0033

Entries: 2048

Mean: 0.0068 +/- 0.0055

Std Dev: 0.2502 +/- 0.0039

Run 4369 quartetwise, Diffs



Cycle 4, Sums

Entries: 1153

Mean: 14.8132 +/- 0.0084

Std Dev: 0.2869 +/- 0.0060

Entries: 3760

Mean: 19.4163 +/- 0.0055

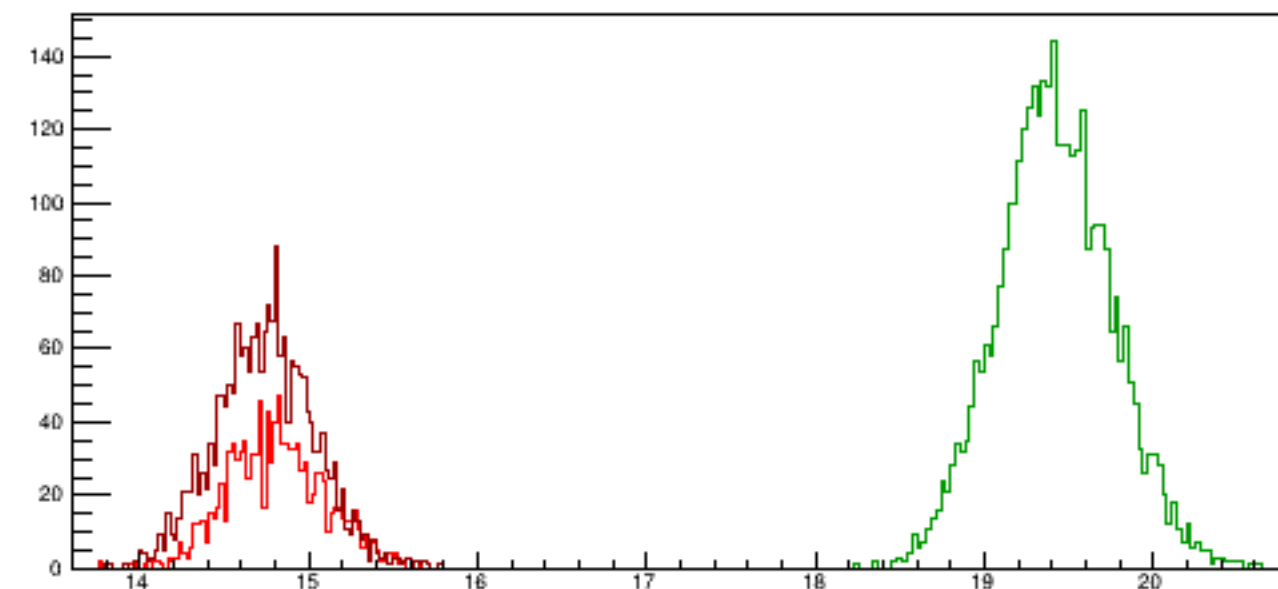
Std Dev: 0.3378 +/- 0.0039

Entries: 2048

Mean: 14.7480 +/- 0.0064

Std Dev: 0.2905 +/- 0.0045

Run 4369 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=230668 && mpsCoda<=286619 && beamState==1)

Cycle 4, Asyms

Entries: 1153

Mean: 0.0005 +/- 0.0016

Std Dev: 0.0530 +/- 0.0011

Entries: 3760

Mean: -0.0149 +/- 0.0010

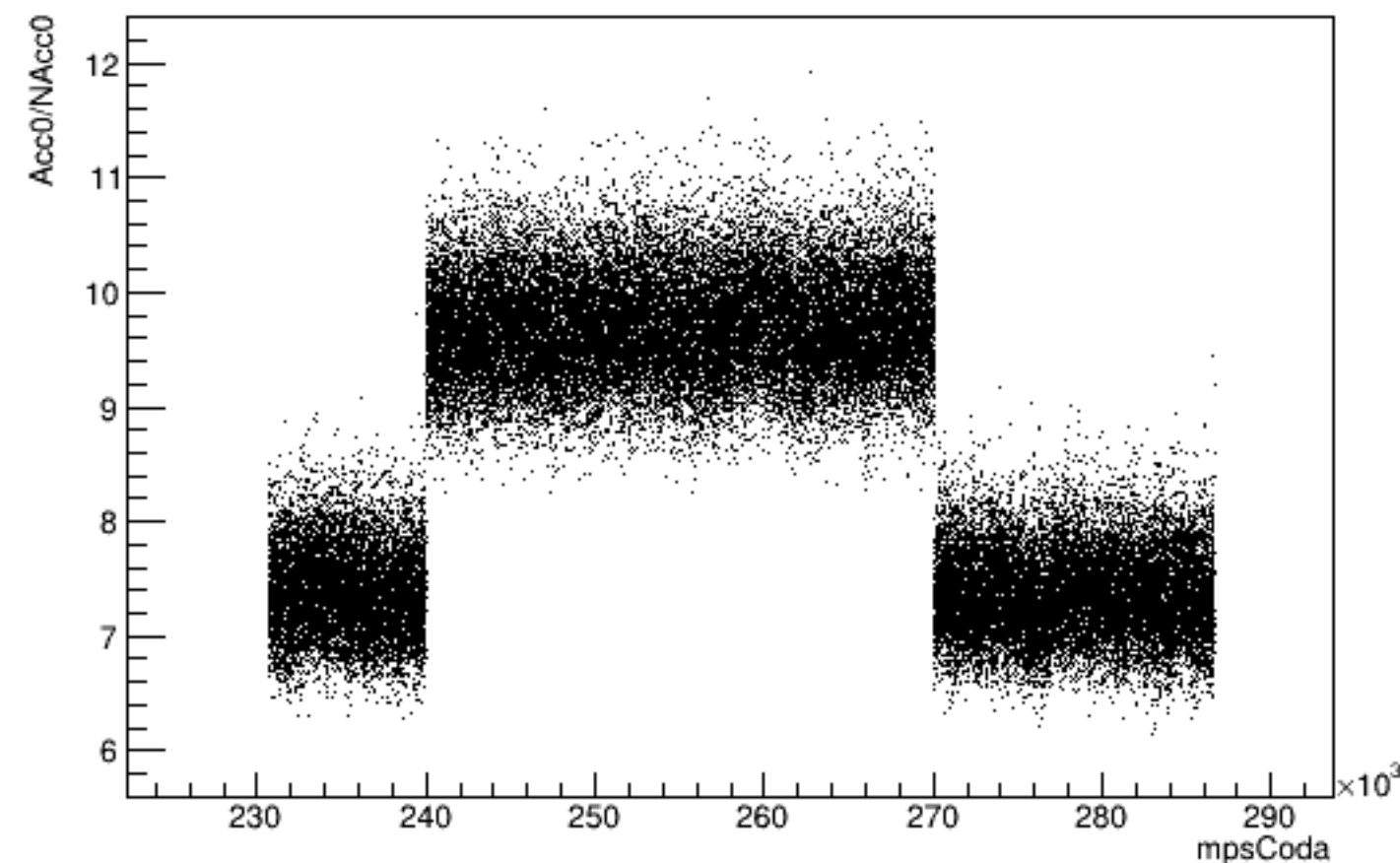
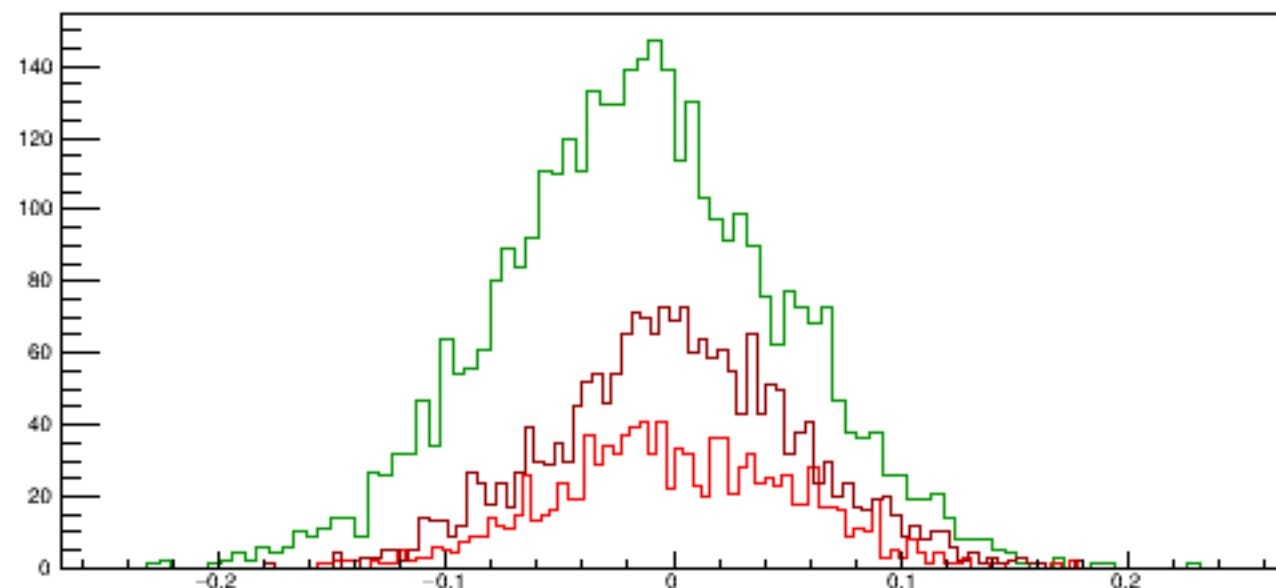
Std Dev: 0.0622 +/- 0.0007

Entries: 2048

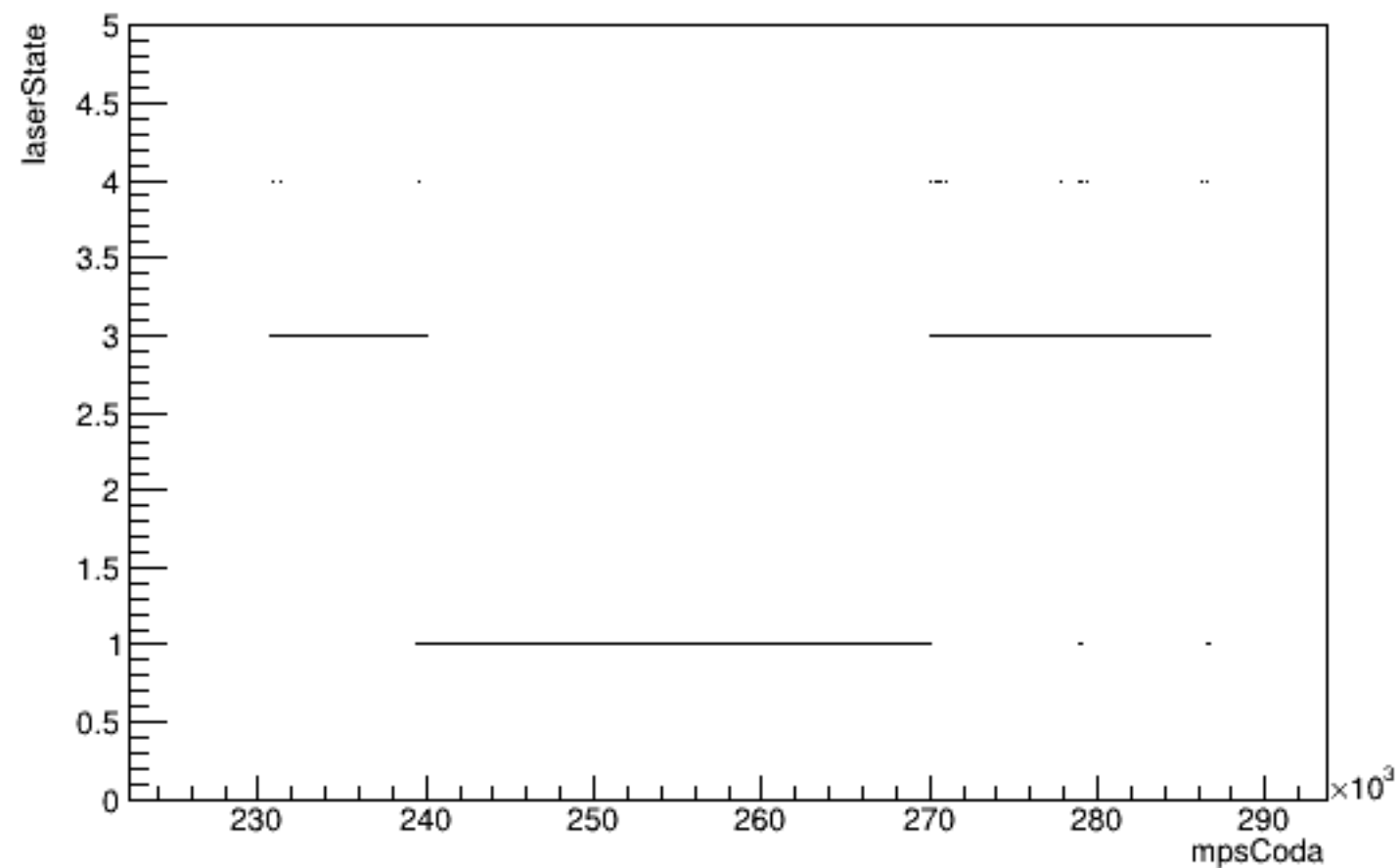
Mean: 0.0015 +/- 0.0012

Std Dev: 0.0540 +/- 0.0008

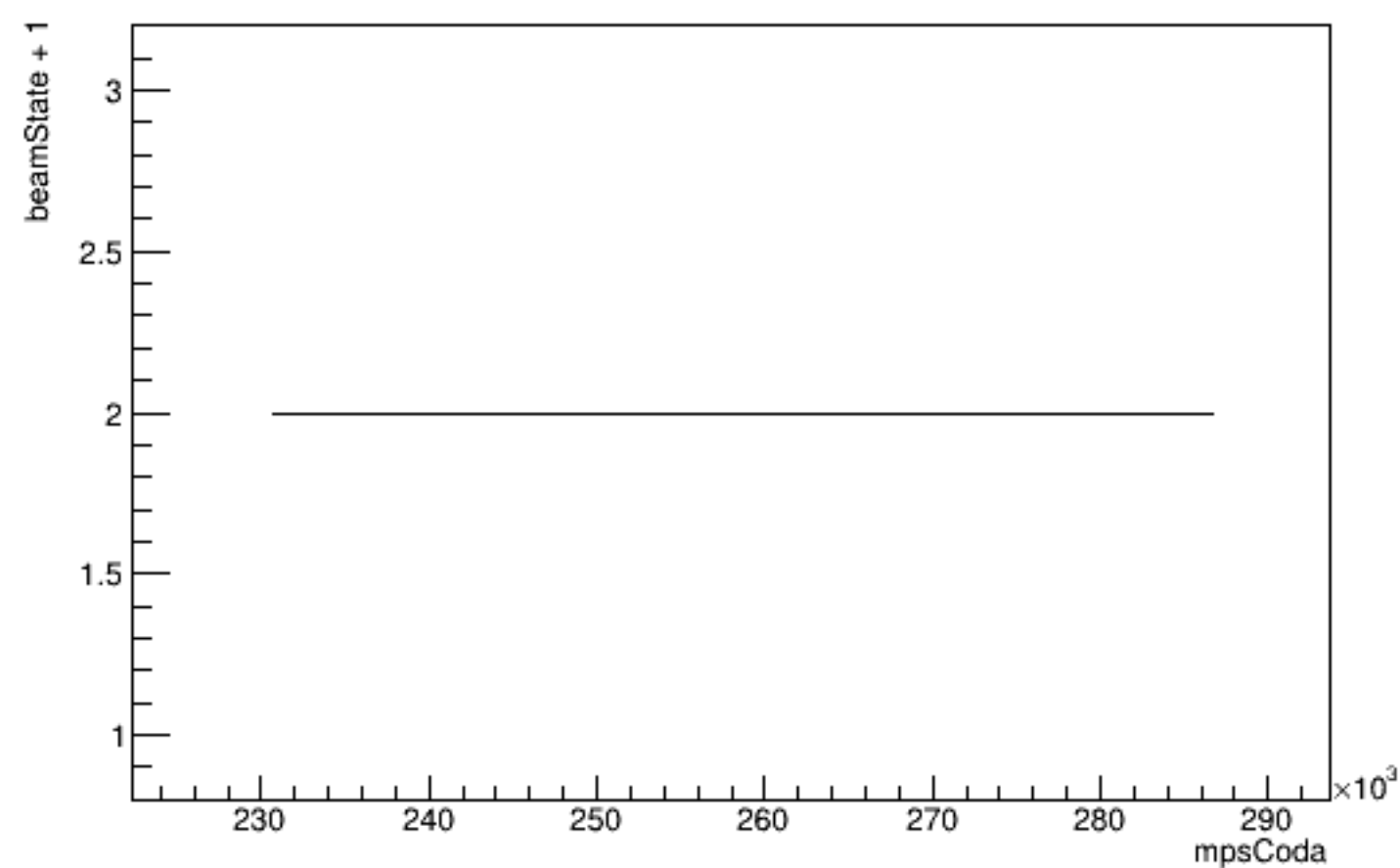
Run 4369 quartetwise, Asyms



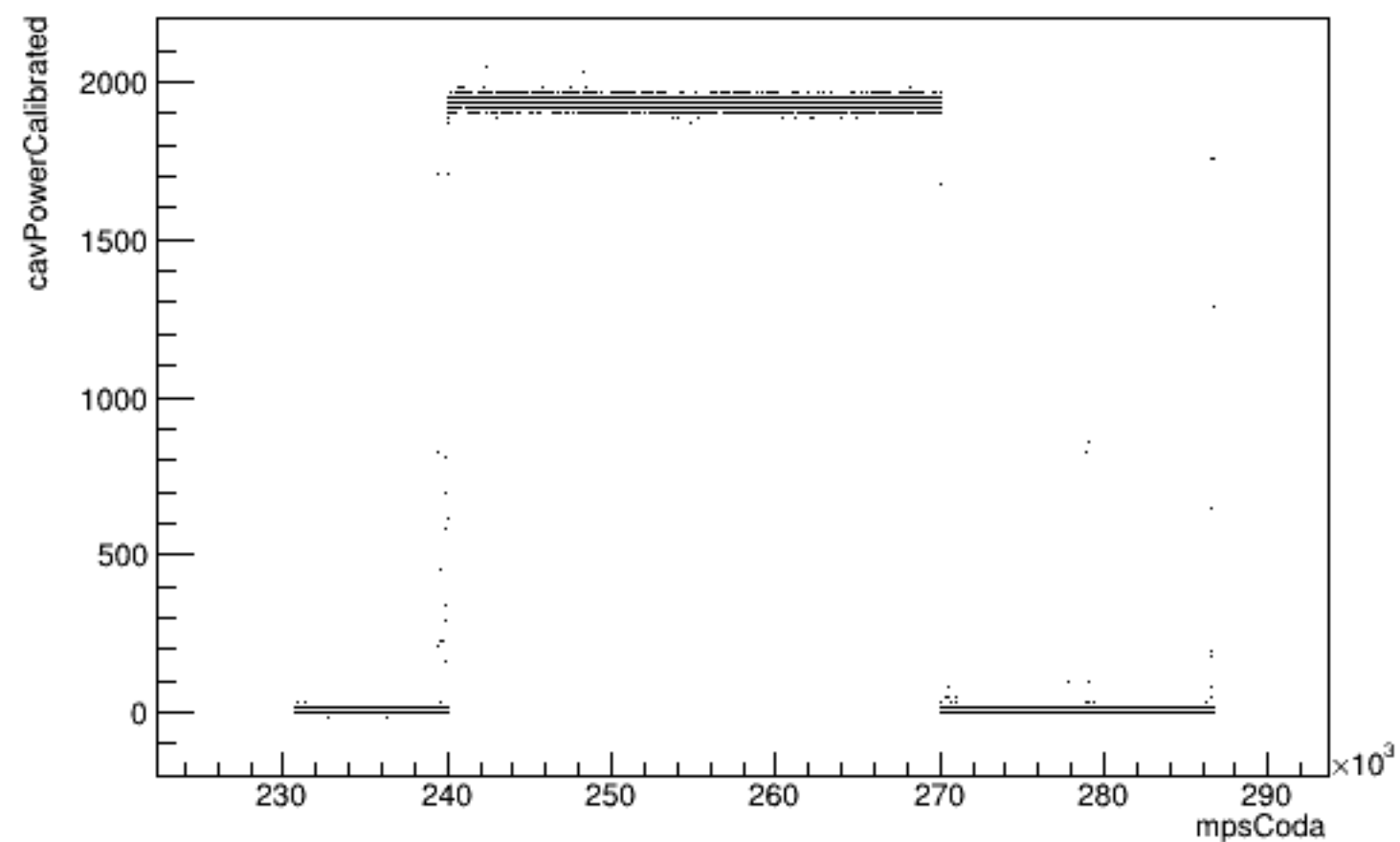
laserState:mpsCoda {mpsCoda>=230668 && mpsCoda<=286619}



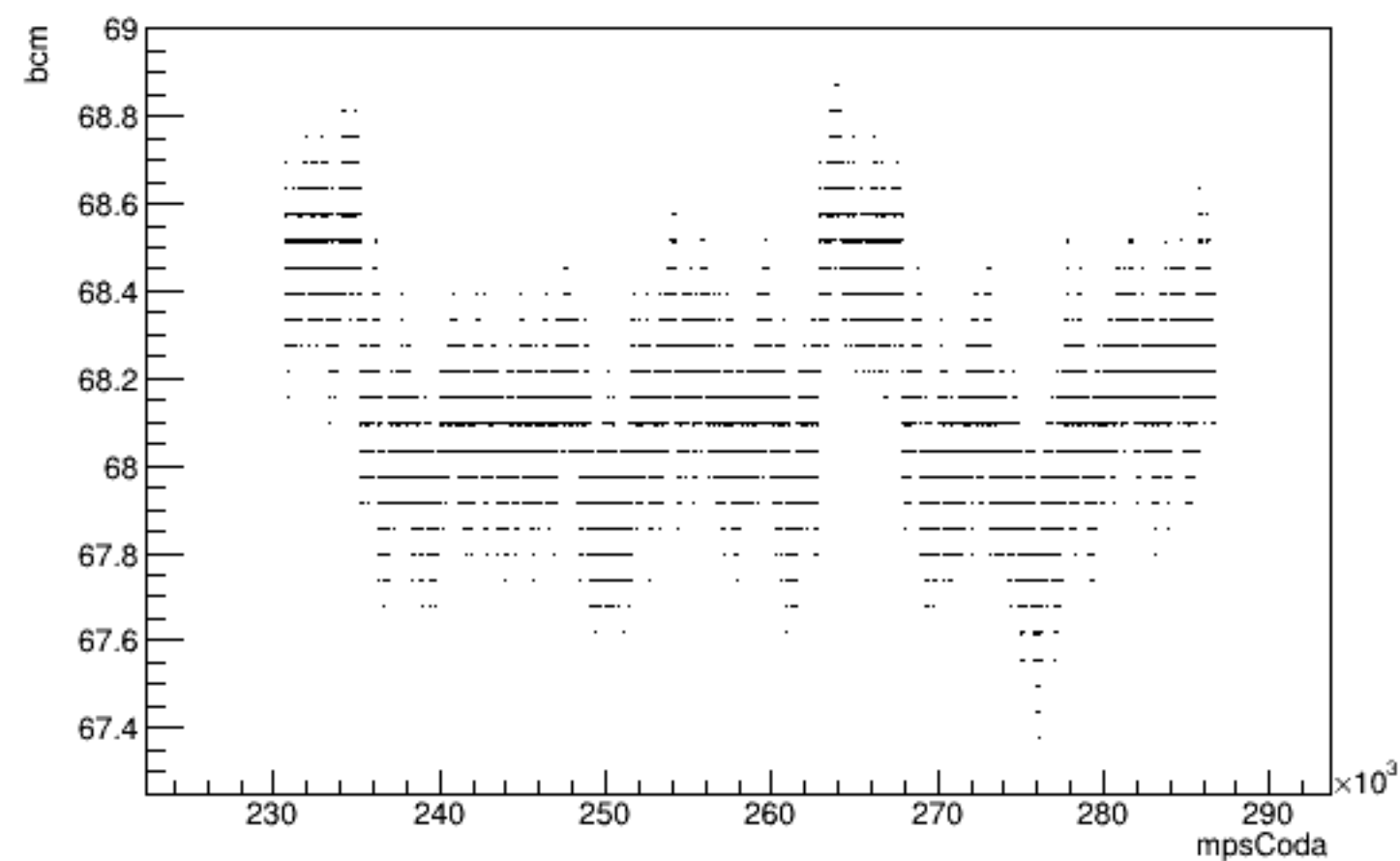
beamState + 1:mpsCoda {mpsCoda>=230668 && mpsCoda<=286619}



cavPowerCalibrated:mpsCoda {mpsCoda>=230668 && mpsCoda<=286619}



bcm:mpsCoda {mpsCoda>=230668 && mpsCoda<=286619}



Cycle 5, Diffs

Entries: 2048

Mean: 0.0068 +/- 0.0055

Std Dev: 0.2502 +/- 0.0039

Entries: 3704

Mean: -0.0664 +/- 0.0048

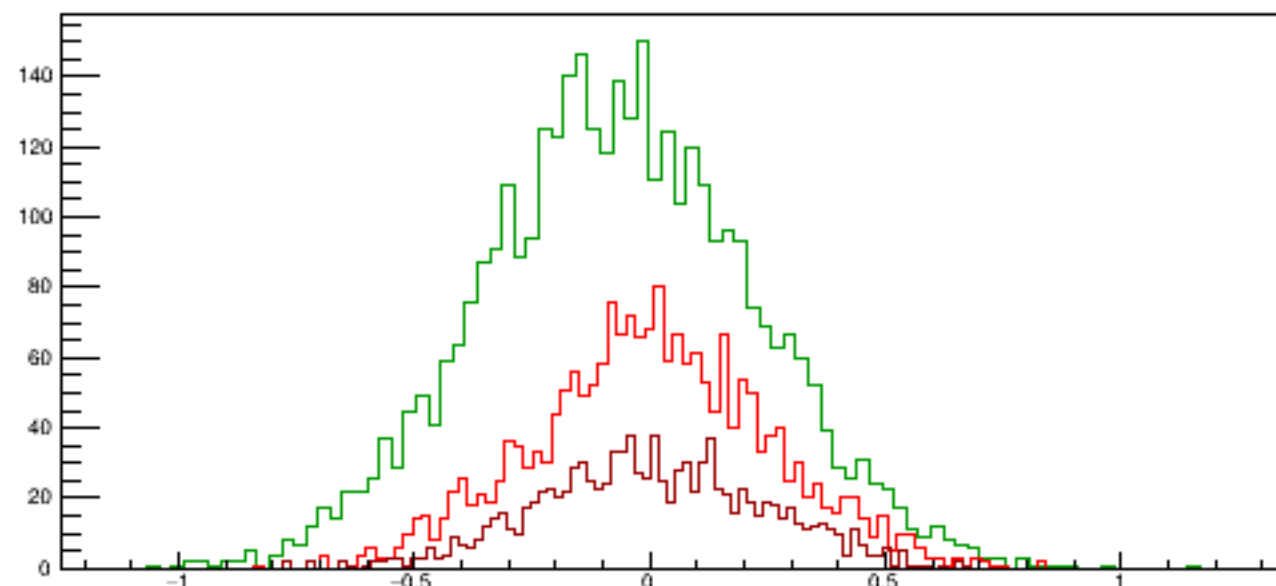
Std Dev: 0.2909 +/- 0.0034

Entries: 1075

Mean: 0.0021 +/- 0.0073

Std Dev: 0.2406 +/- 0.0052

Run 4369 quartetwise, Diffs



Cycle 5, Sums

Entries: 2048

Mean: 14.7480 +/- 0.0064

Std Dev: 0.2905 +/- 0.0045

Entries: 3704

Mean: 19.2994 +/- 0.0058

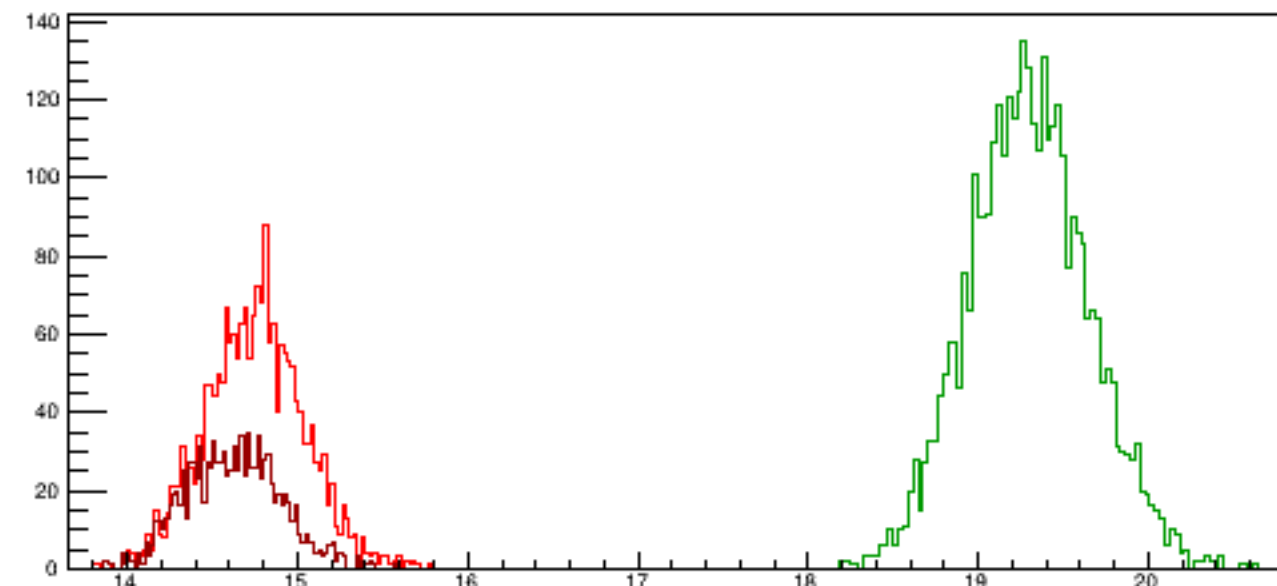
Std Dev: 0.3511 +/- 0.0041

Entries: 1075

Mean: 14.6222 +/- 0.0084

Std Dev: 0.2753 +/- 0.0059

Run 4369 quartetwise, Sums



Cycle 5, Asyms

Entries: 2048

Mean: 0.0015 +/- 0.0012

Std Dev: 0.0542 +/- 0.0008

Entries: 3704

Mean: -0.0145 +/- 0.0010

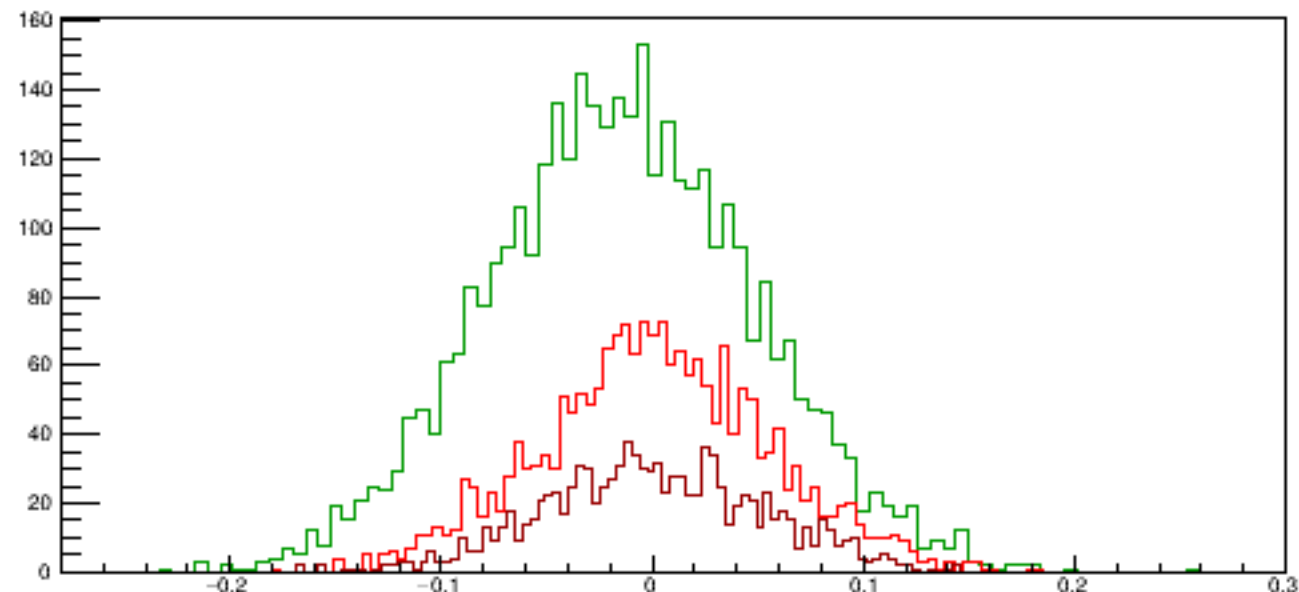
Std Dev: 0.0631 +/- 0.0007

Entries: 1075

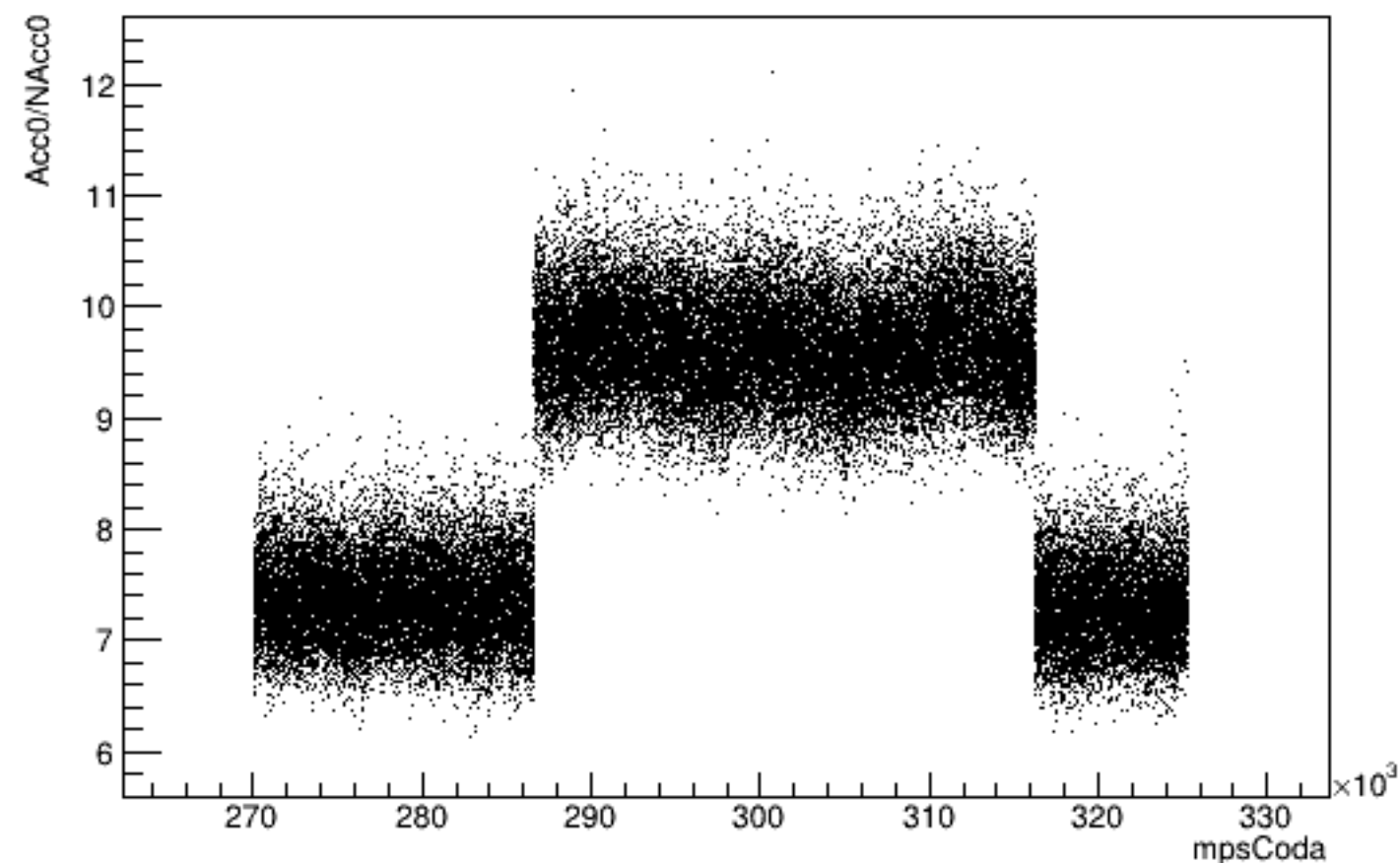
Mean: 0.0005 +/- 0.0016

Std Dev: 0.0521 +/- 0.0011

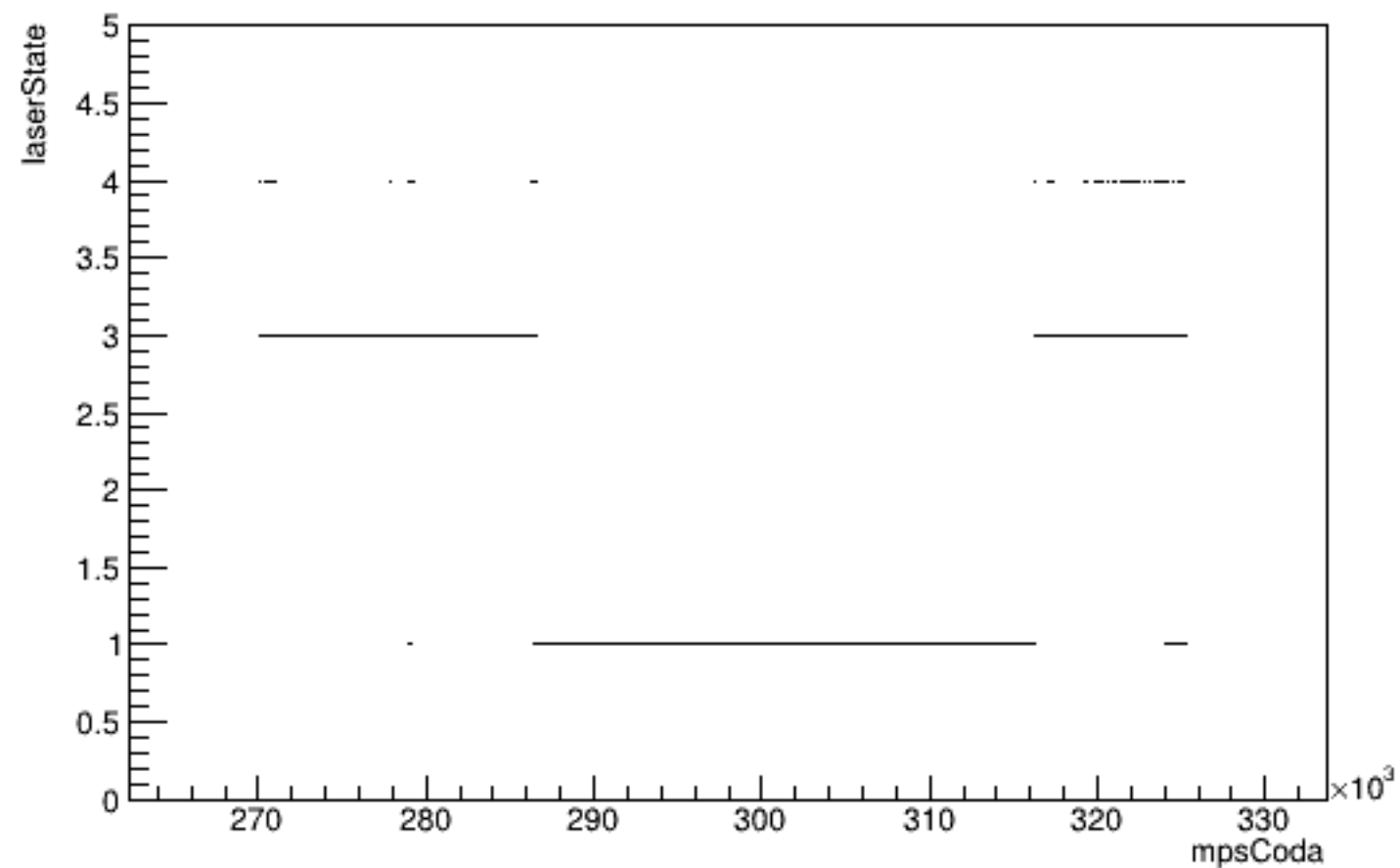
Run 4369 quartetwise, Asyms



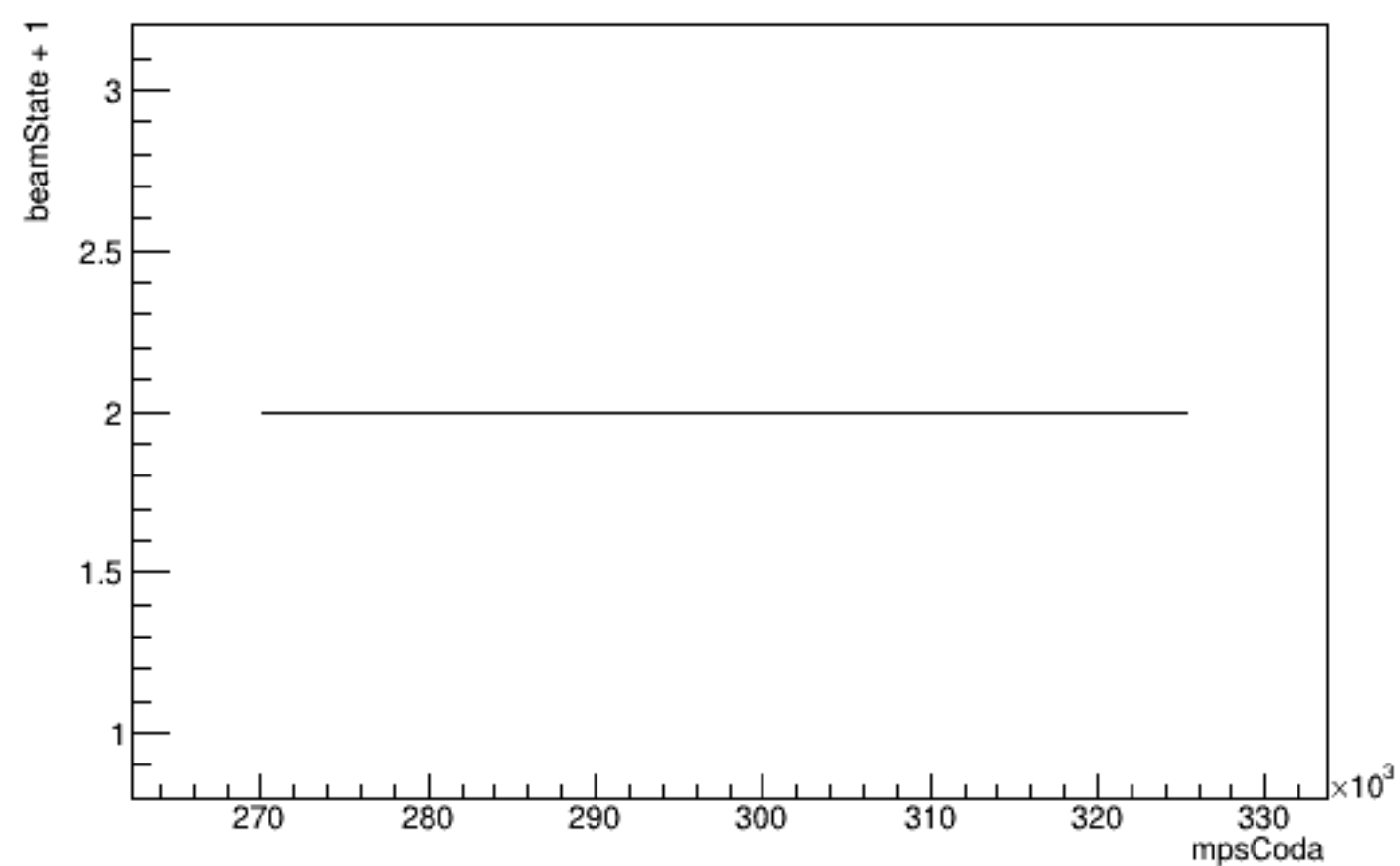
Acc0/NAcc0:mpsCoda (mpsCoda>=270068 && mpsCoda<=325275 && beamState==1)



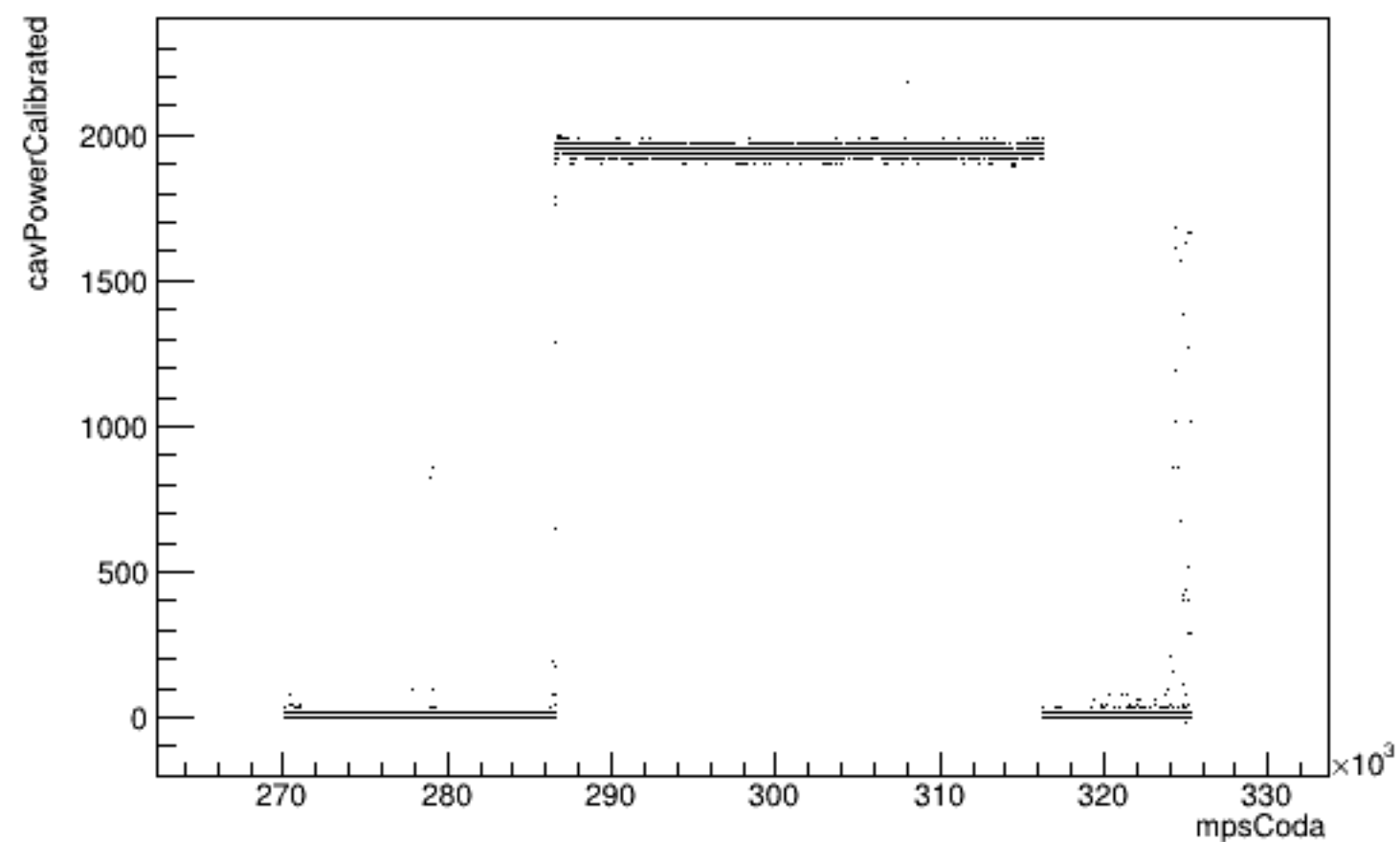
laserState:mpsCoda {mpsCoda>=270068 && mpsCoda<=325275}



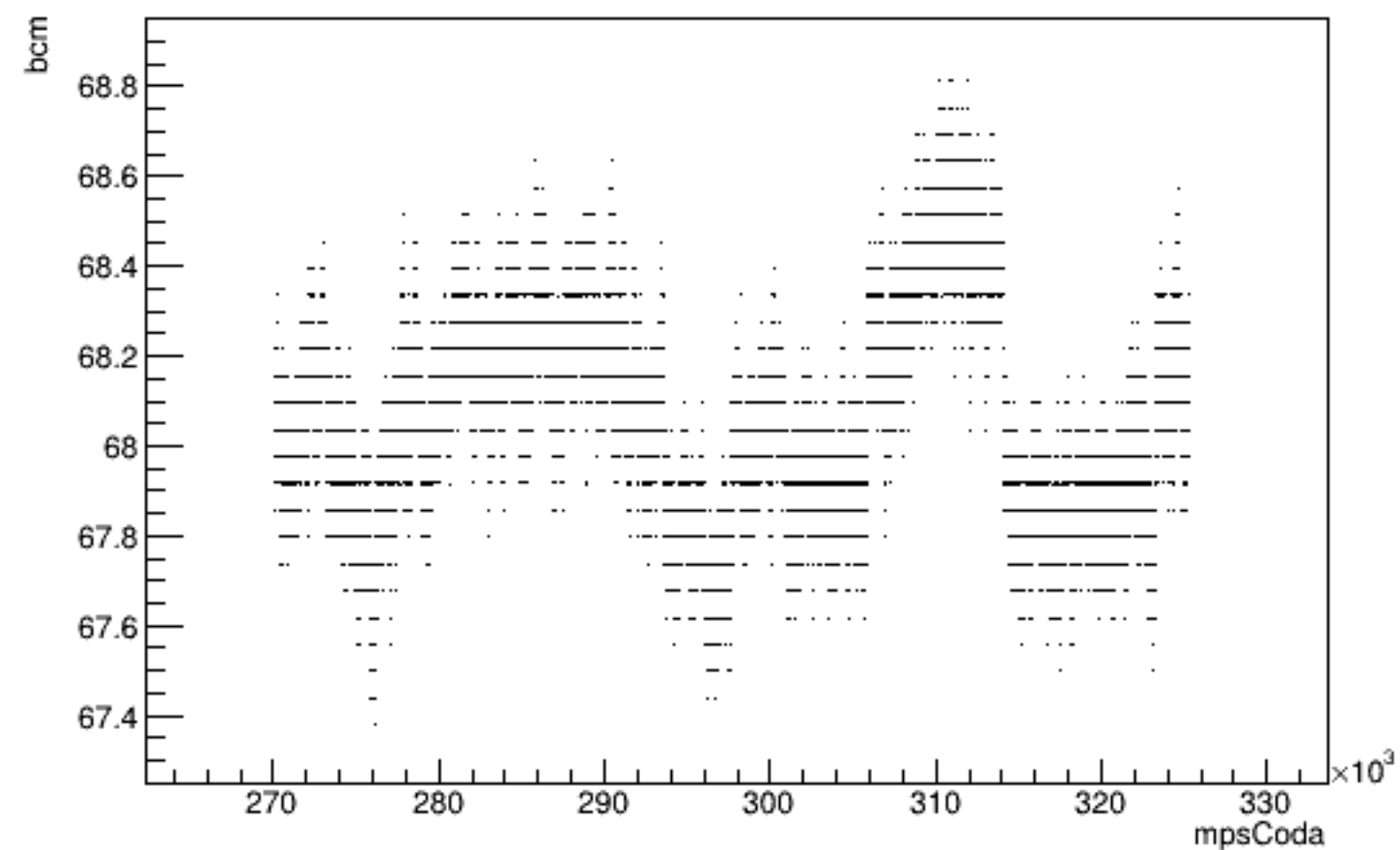
beamState + 1:mpsCoda {mpsCoda>=270068 && mpsCoda<=325275}



cavPowerCalibrated:mpsCoda {mpsCoda>=270068 && mpsCoda<=325275}



bcm:mpsCoda {mpsCoda>=270068 && mpsCoda<=325275}



Cycle 6, Diffs

Entries: 931

Mean: 0.0011 +/- 0.0080

Std Dev: 0.2427 +/- 0.0056

Entries: 3785

Mean: -0.0766 +/- 0.0046

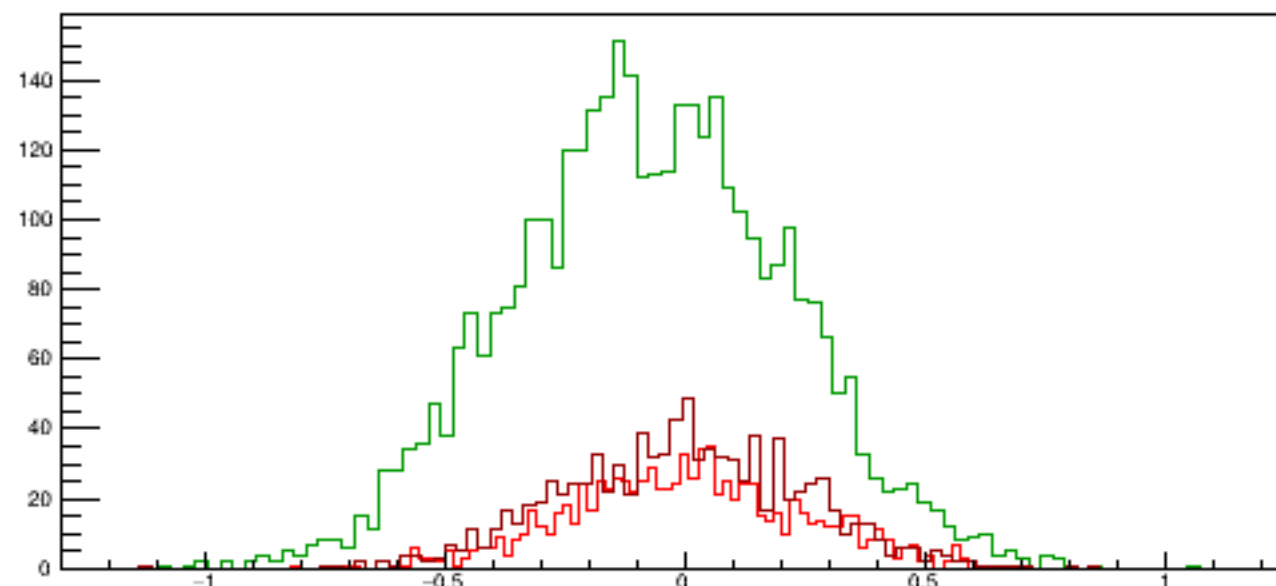
Std Dev: 0.2860 +/- 0.0033

Entries: 960

Mean: -0.0084 +/- 0.0081

Std Dev: 0.2509 +/- 0.0057

Run 4369 quartetwise, Diffs



Cycle 6, Sums

Entries: 931

Mean: 14.8444 +/- 0.0094

Std Dev: 0.2860 +/- 0.0066

Entries: 3785

Mean: 18.9796 +/- 0.0087

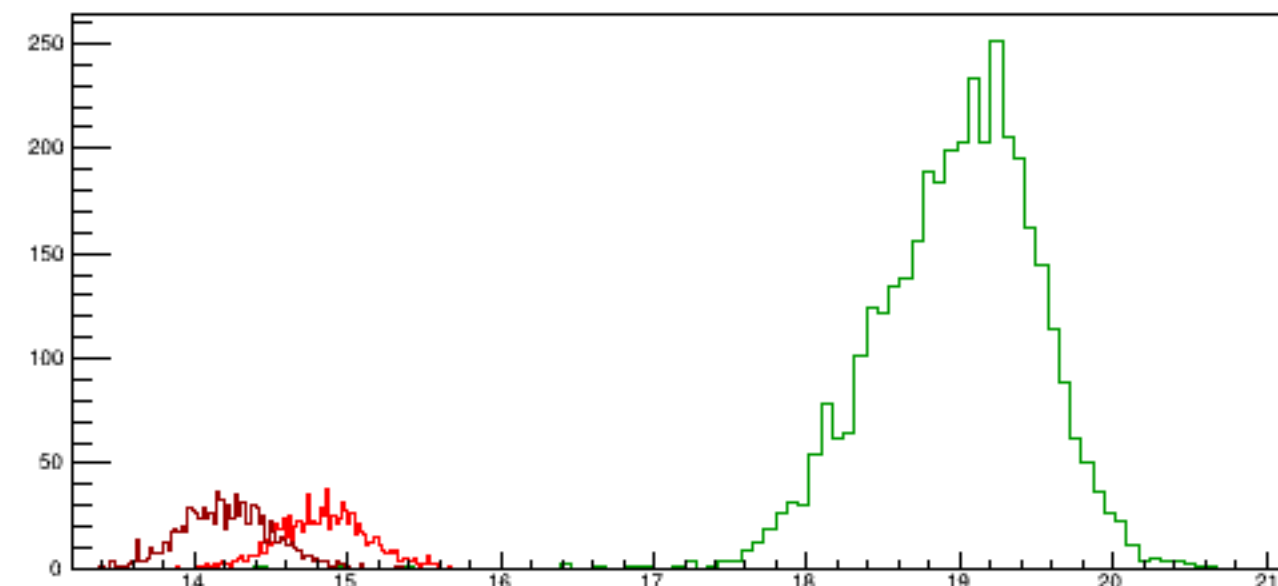
Std Dev: 0.5325 +/- 0.0061

Entries: 960

Mean: 14.2125 +/- 0.0095

Std Dev: 0.2945 +/- 0.0067

Run 4369 quartetwise, Sums



Cycle 6, Asyms

Entries: 931

Mean: 0.0002 +/- 0.0018

Std Dev: 0.0545 +/- 0.0013

Entries: 3785

Mean: -0.0175 +/- 0.0012

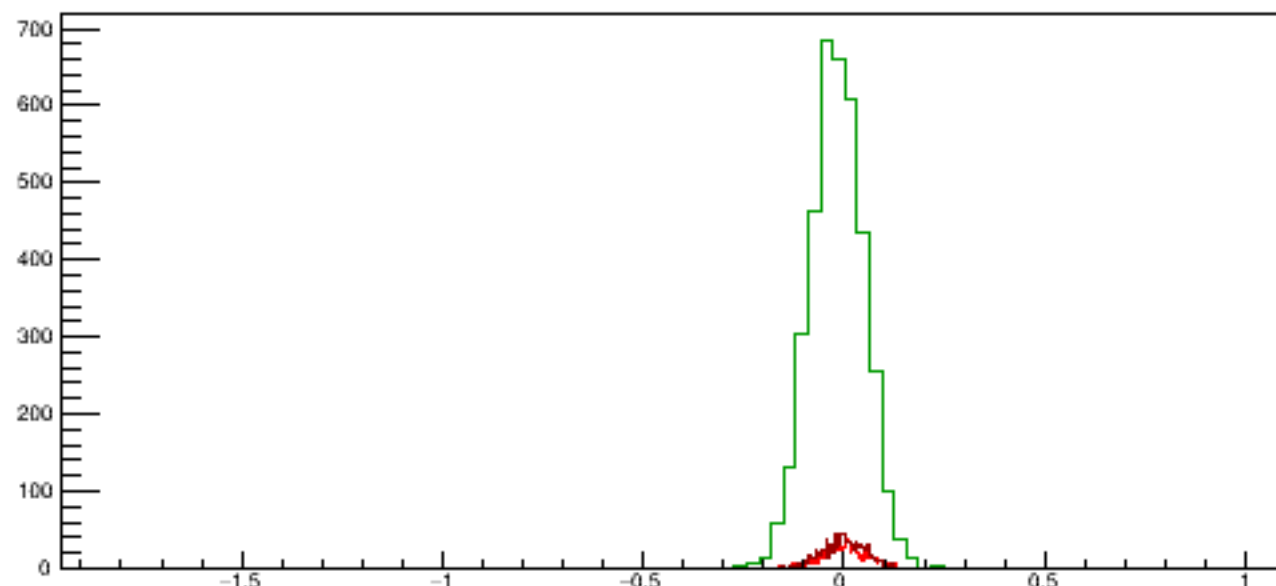
Std Dev: 0.0724 +/- 0.0008

Entries: 960

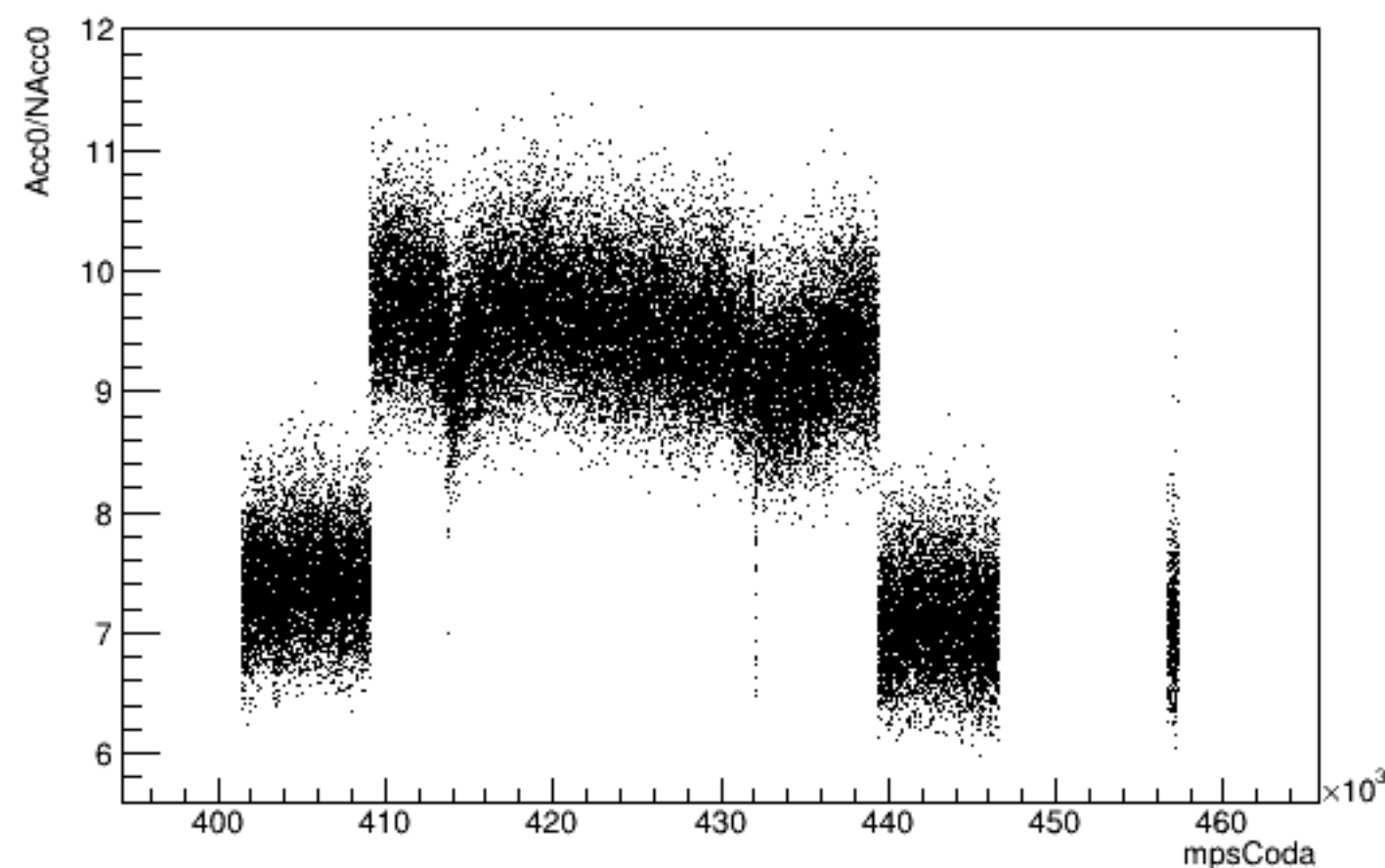
Mean: -0.0019 +/- 0.0018

Std Dev: 0.0564 +/- 0.0013

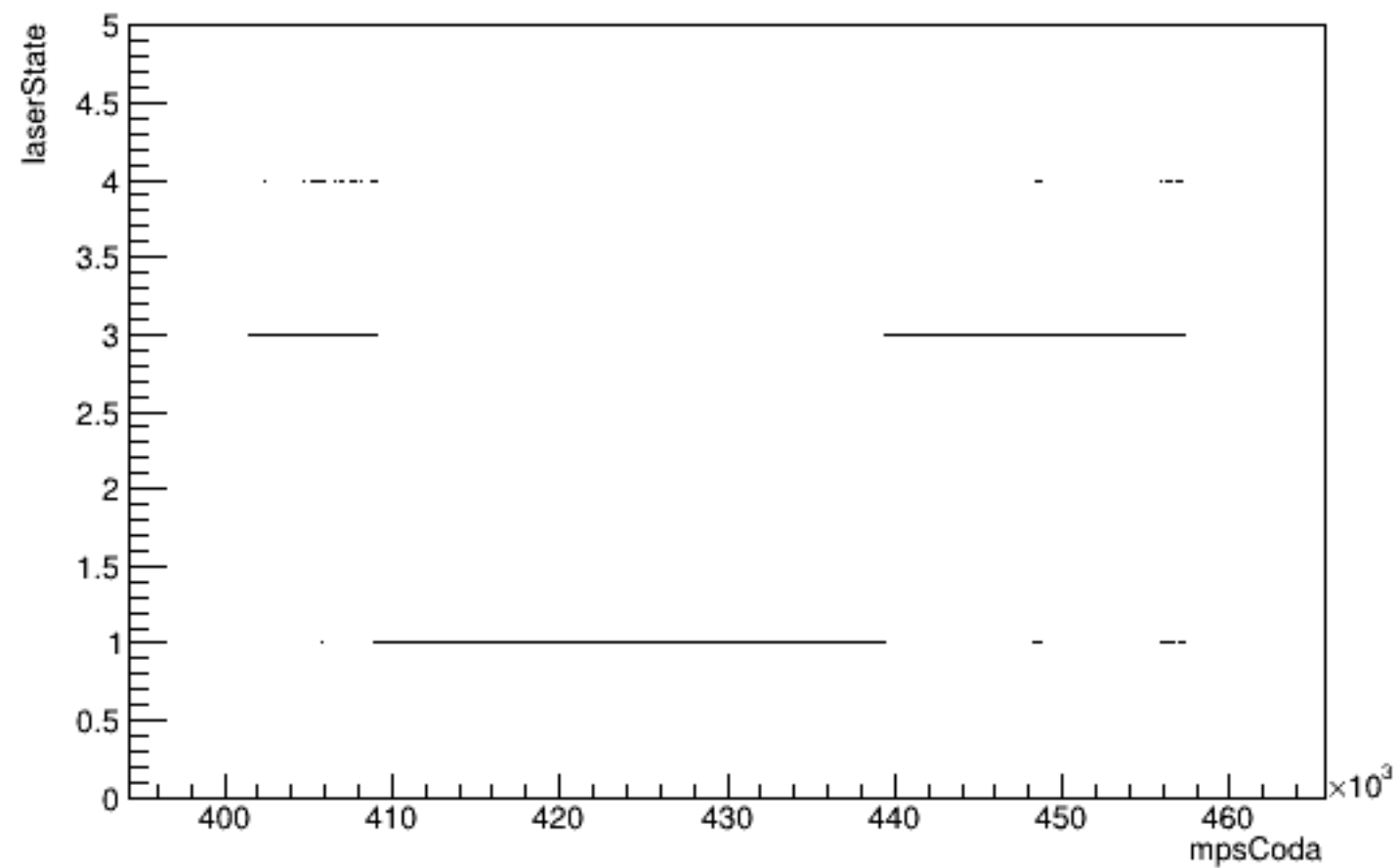
Run 4369 quartetwise, Asyms



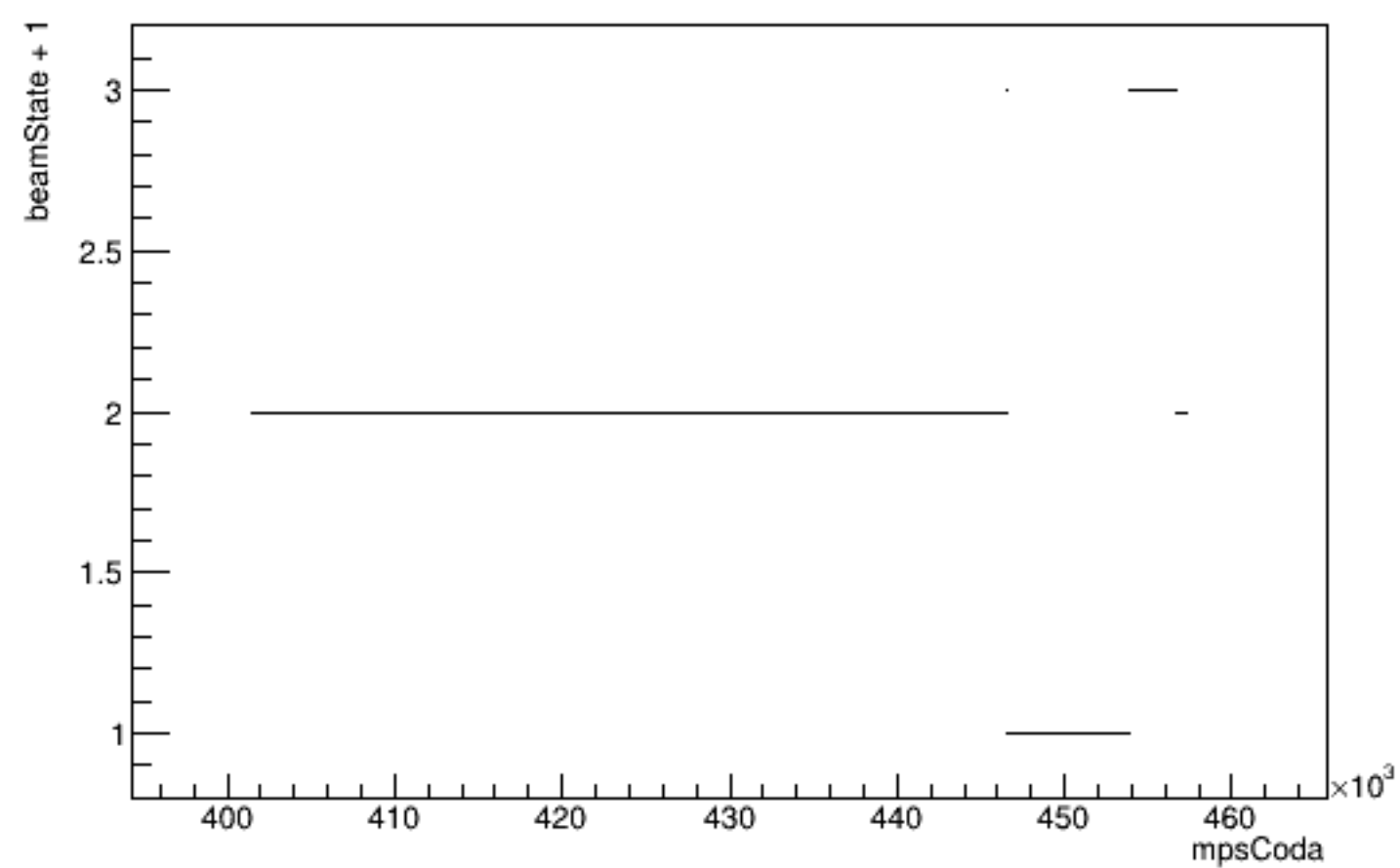
Acc0/NAcc0:mpsCoda (mpsCoda>=401444 && mpsCoda<=457267 && beamState==1)



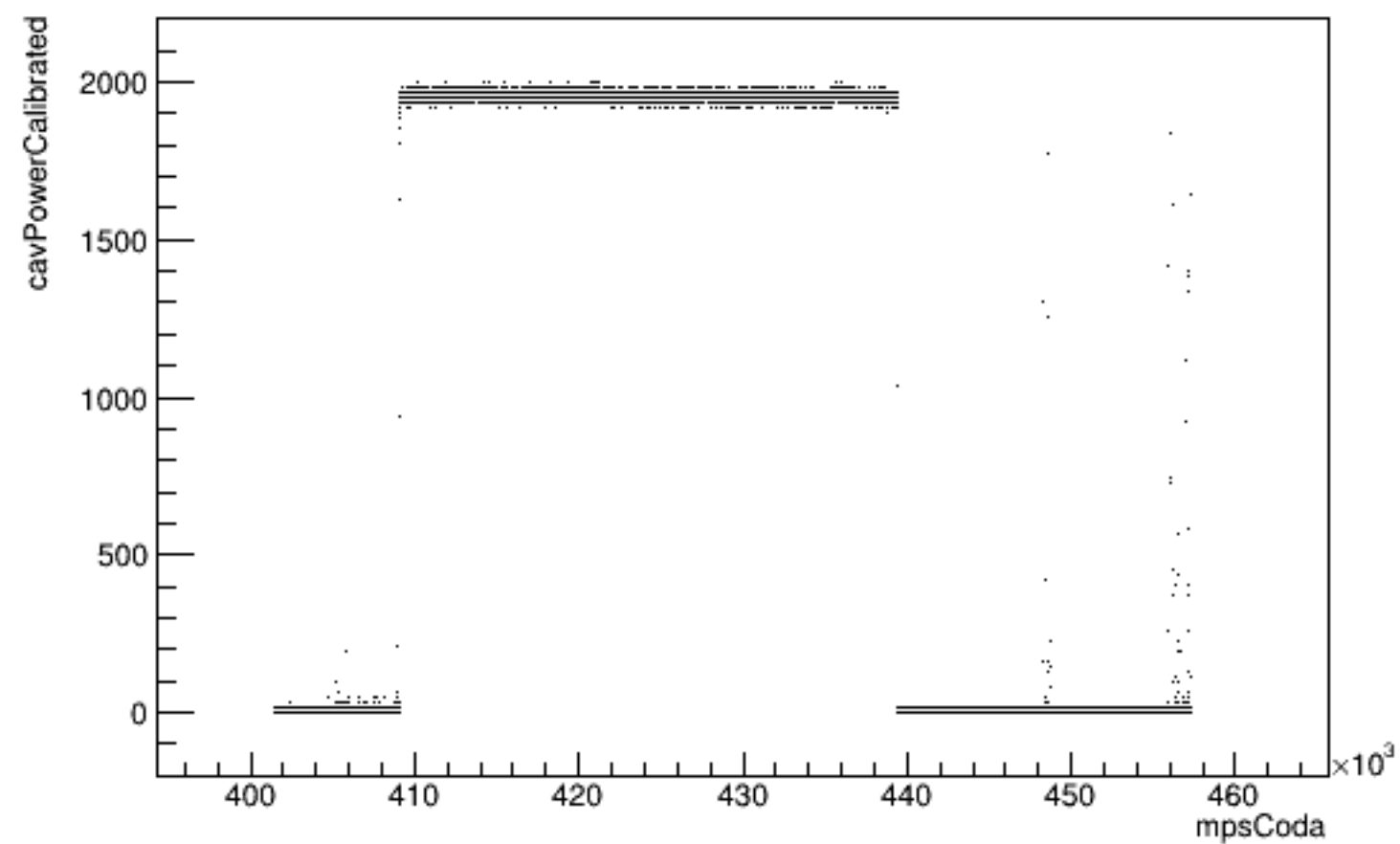
laserState:mpsCoda {mpsCoda>=401444 && mpsCoda<=457267}



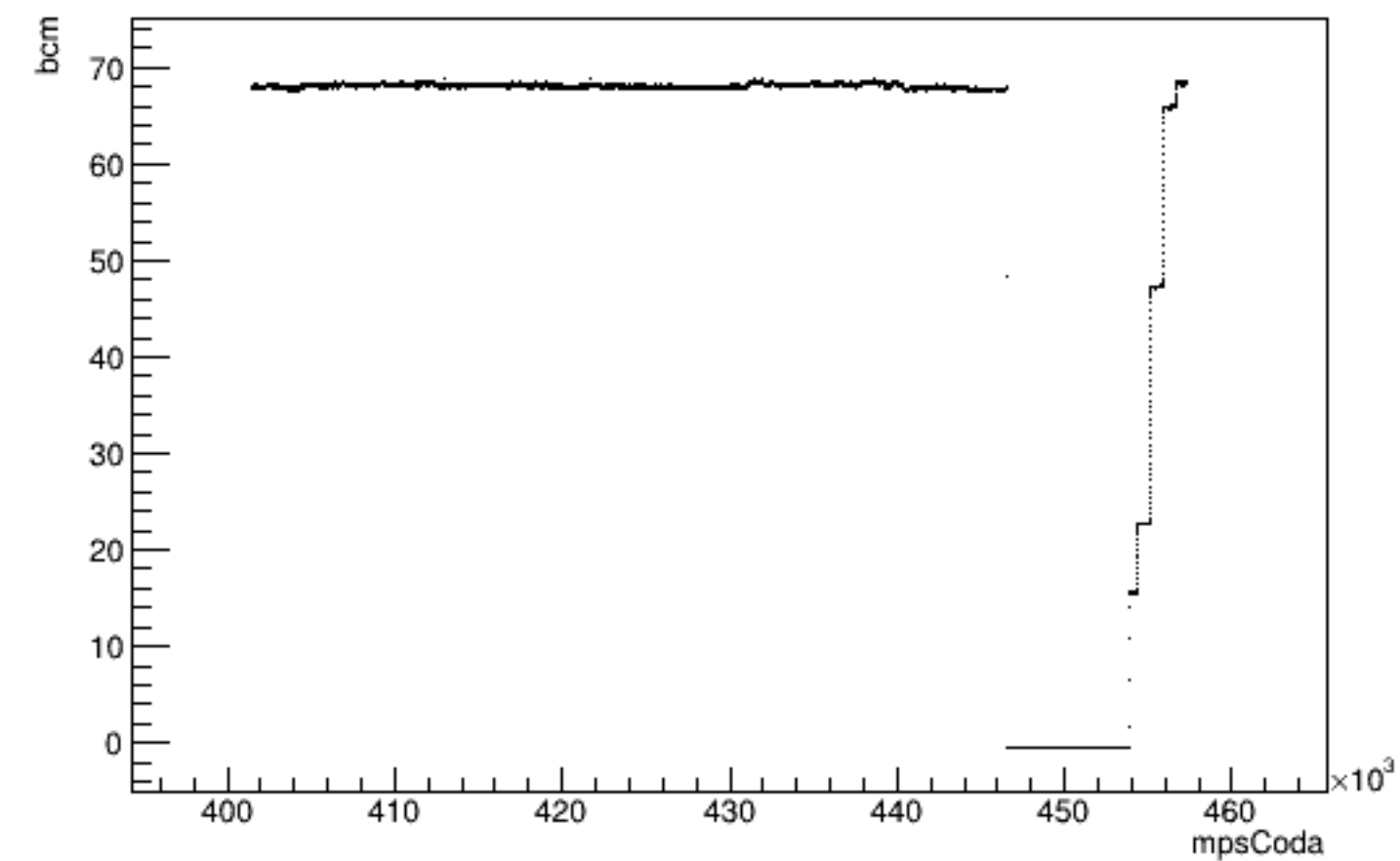
beamState + 1:mpsCoda {mpsCoda>=401444 && mpsCoda<=457267}



cavPowerCalibrated:mpsCoda {mpsCoda>=401444 && mpsCoda<=457267}



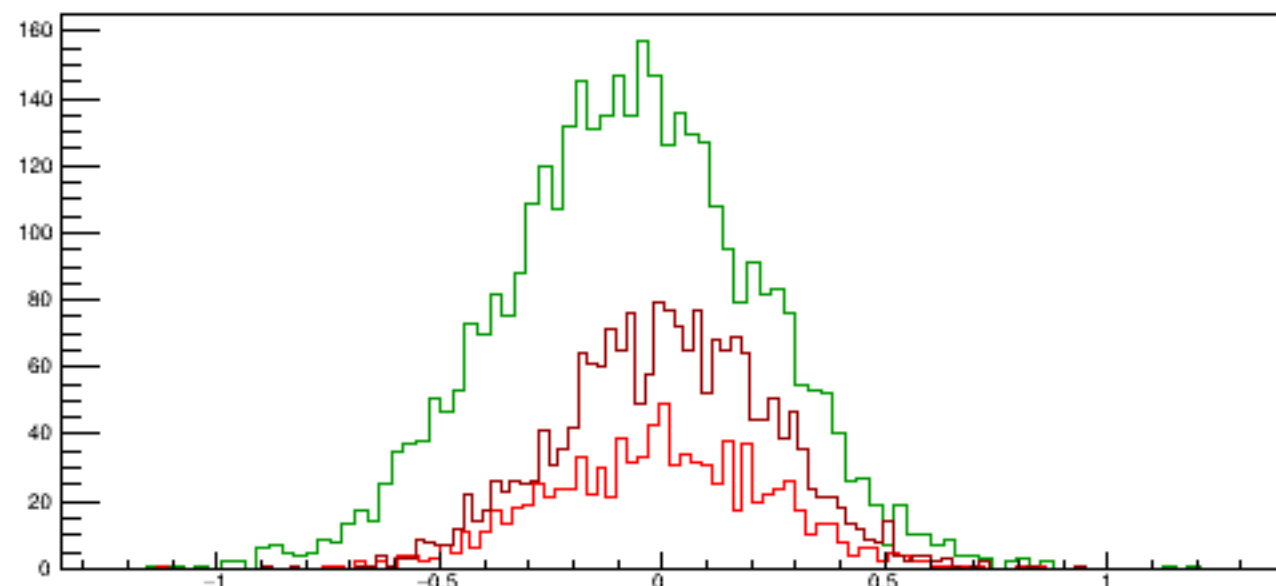
bcm:mpsCoda {mpsCoda>=401444 && mpsCoda<=457267}



Cycle 7, Diffs

Entries: 960	Entries: 3720	Entries: 2005
Mean: -0.0084 +/- 0.0081	Mean: -0.0745 +/- 0.0047	Mean: 0.0082 +/- 0.0053
Std Dev: 0.2509 +/- 0.0057	Std Dev: 0.2896 +/- 0.0034	Std Dev: 0.2384 +/- 0.0038

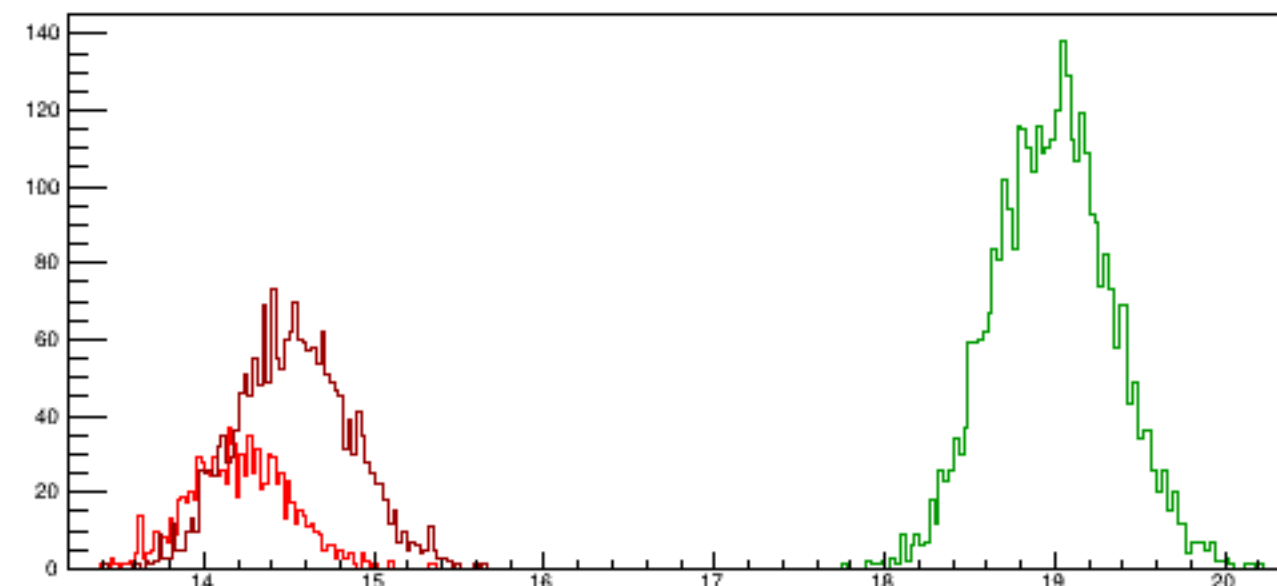
Run 4369 quartetwise, Diffs



Cycle 7, Sums

Entries: 960	Entries: 3720	Entries: 2005
Mean: 14.2125 +/- 0.0095	Mean: 18.9912 +/- 0.0057	Mean: 14.5278 +/- 0.0075
Std Dev: 0.2945 +/- 0.0067	Std Dev: 0.3461 +/- 0.0040	Std Dev: 0.3344 +/- 0.0053

Run 4369 quartetwise, Sums

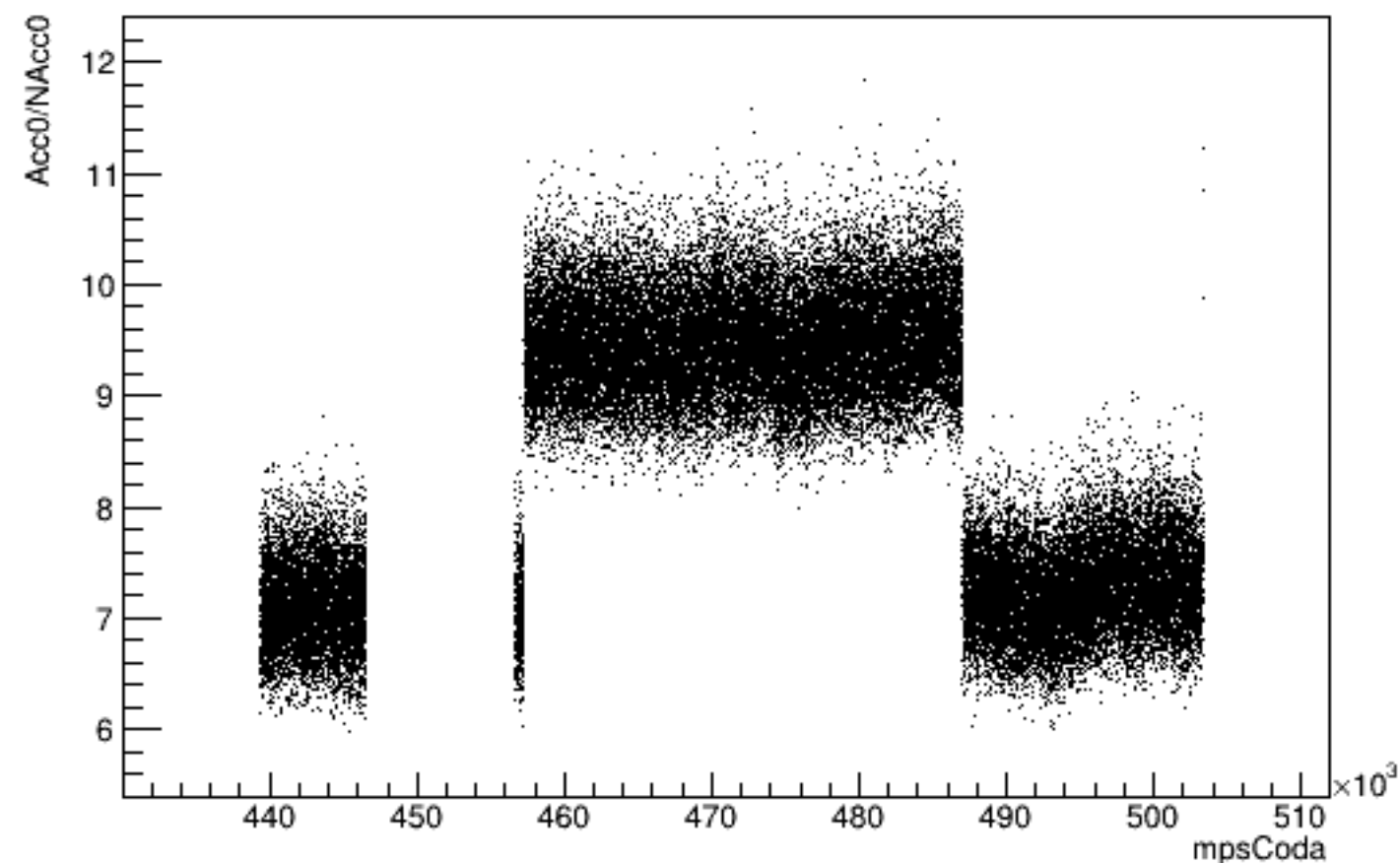
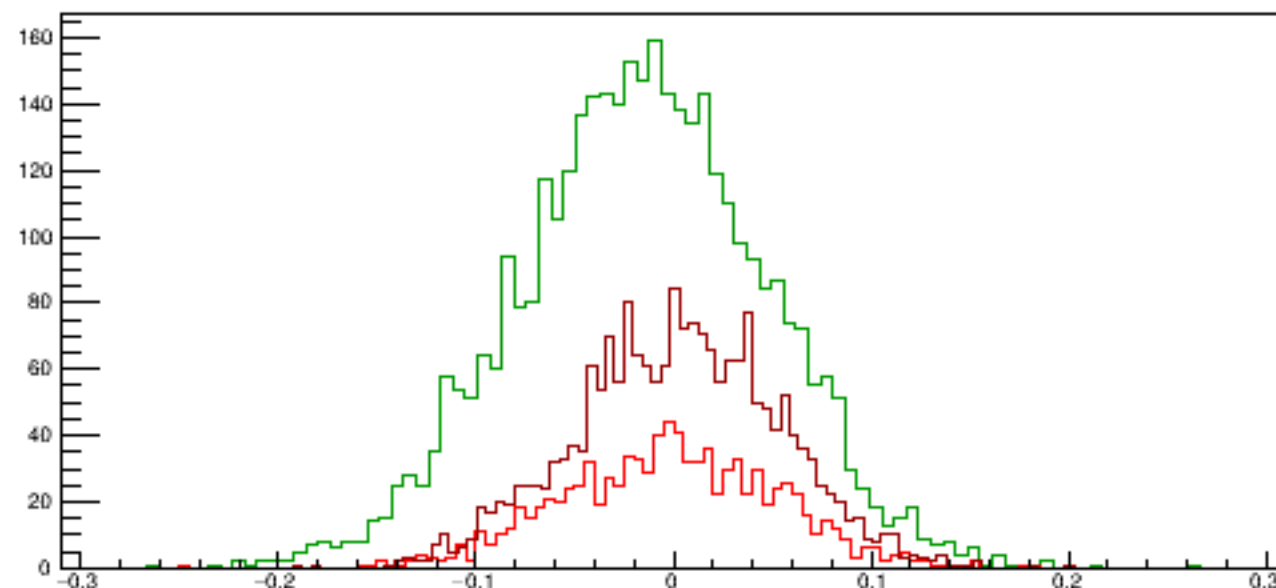


Acc0/NAcc0:mpsCoda (mpsCoda>=439388 && mpsCoda<=503323 && beamState==1)

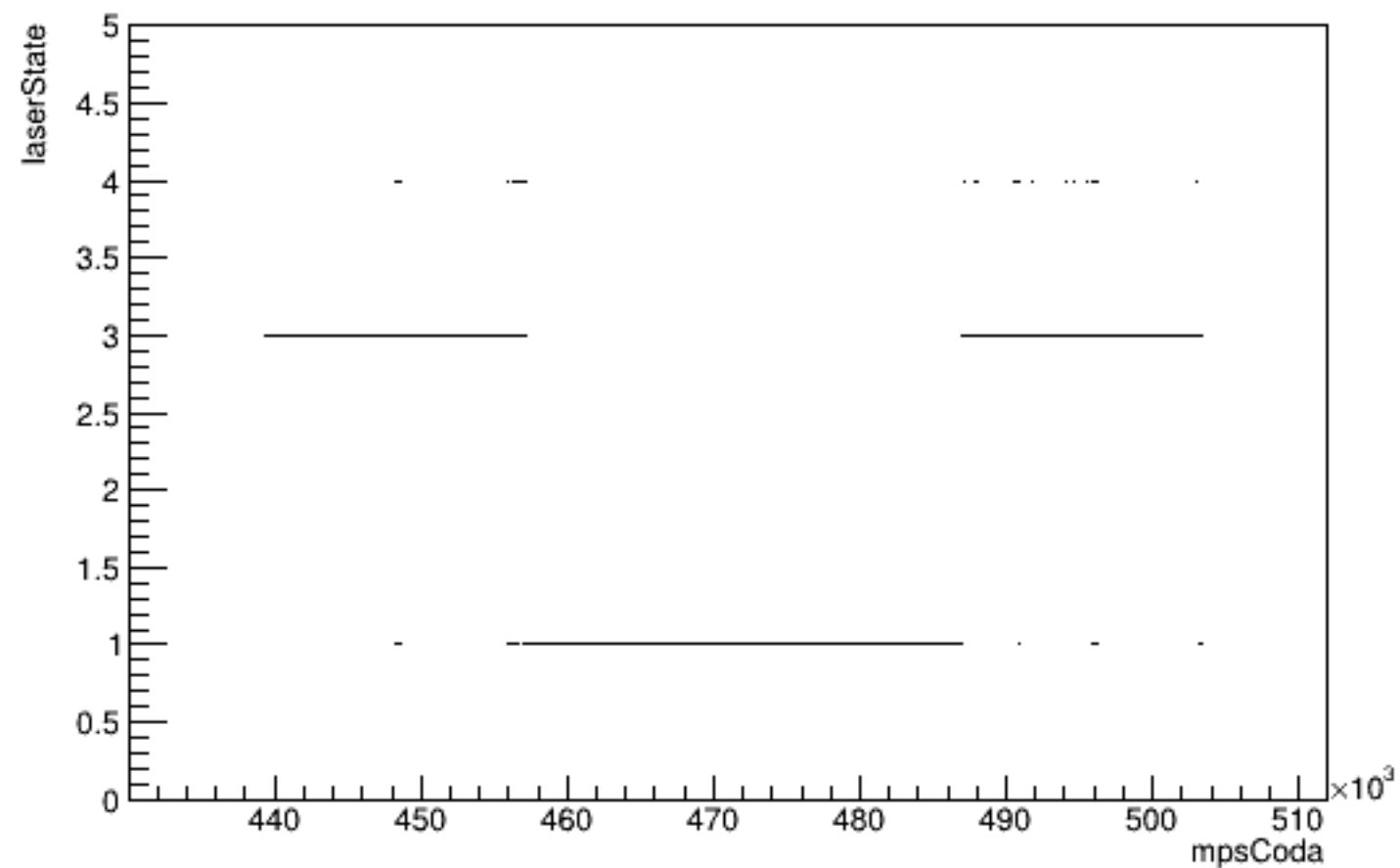
Cycle 7, Asyms

Entries: 960	Entries: 3720	Entries: 2005
Mean: -0.0018 +/- 0.0018	Mean: -0.0162 +/- 0.0010	Mean: 0.0018 +/- 0.0012
Std Dev: 0.0543 +/- 0.0012	Std Dev: 0.0629 +/- 0.0007	Std Dev: 0.0516 +/- 0.0008

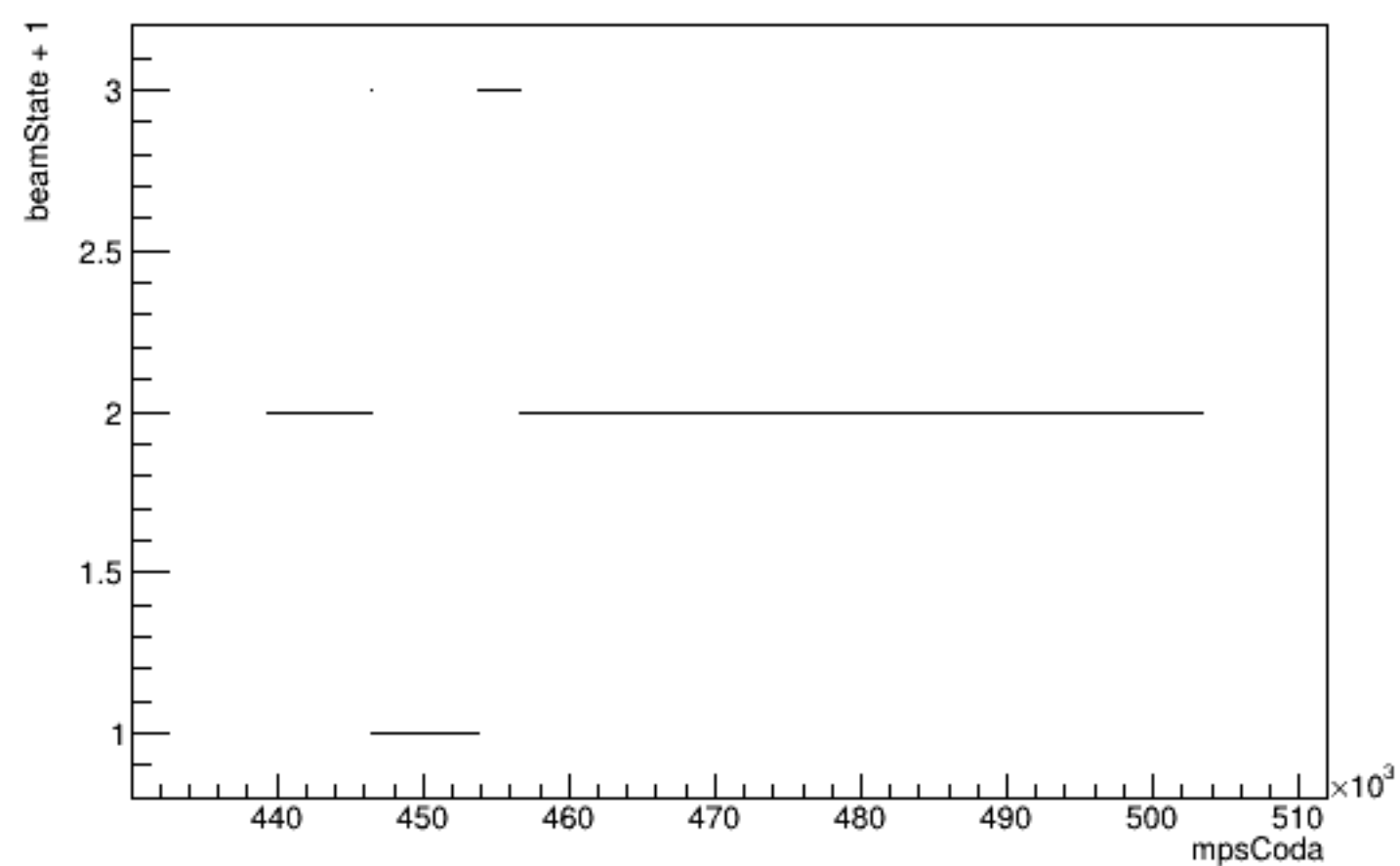
Run 4369 quartetwise, Asyms



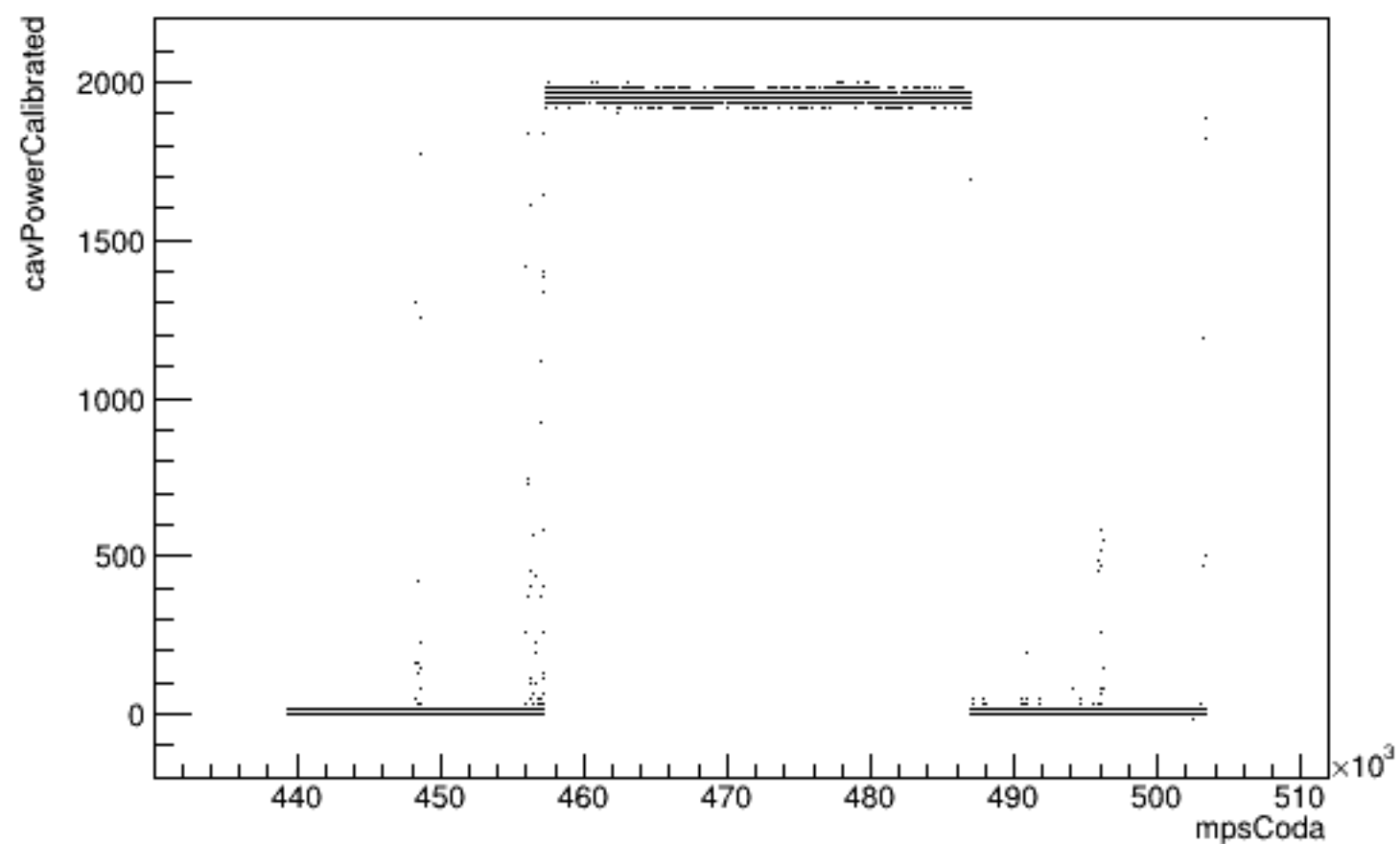
laserState:mpsCoda {mpsCoda>=439388 && mpsCoda<=503323}



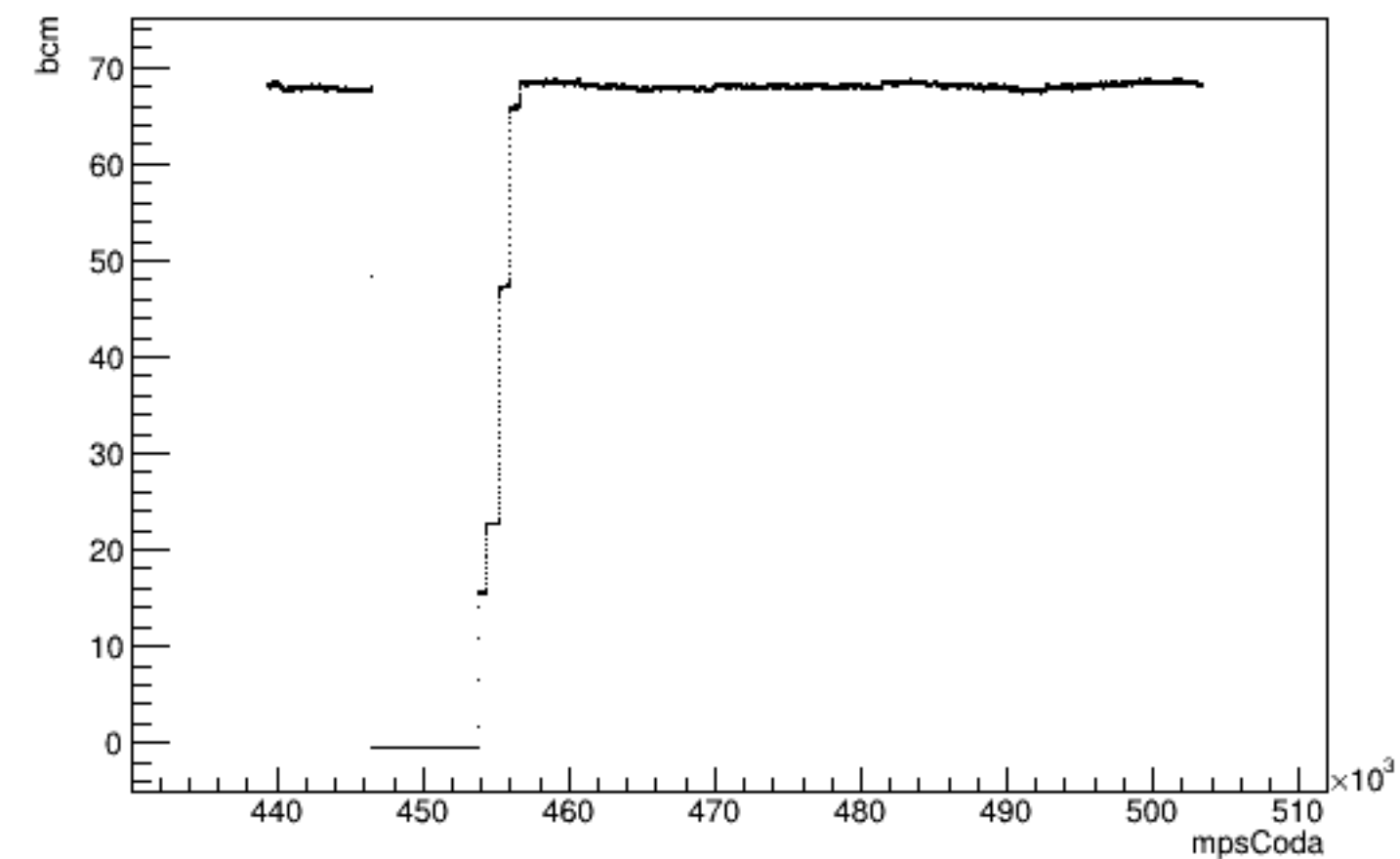
beamState + 1:mpsCoda {mpsCoda>=439388 && mpsCoda<=503323}



cavPowerCalibrated:mpsCoda {mpsCoda>=439388 && mpsCoda<=503323}



bcm:mpsCoda {mpsCoda>=439388 && mpsCoda<=503323}



Cycle 8, Diffs

Entries: 1130

Mean: 0.0098 +/- 0.0071

Std Dev: 0.2399 +/- 0.0050

Entries: 3712

Mean: -0.0689 +/- 0.0047

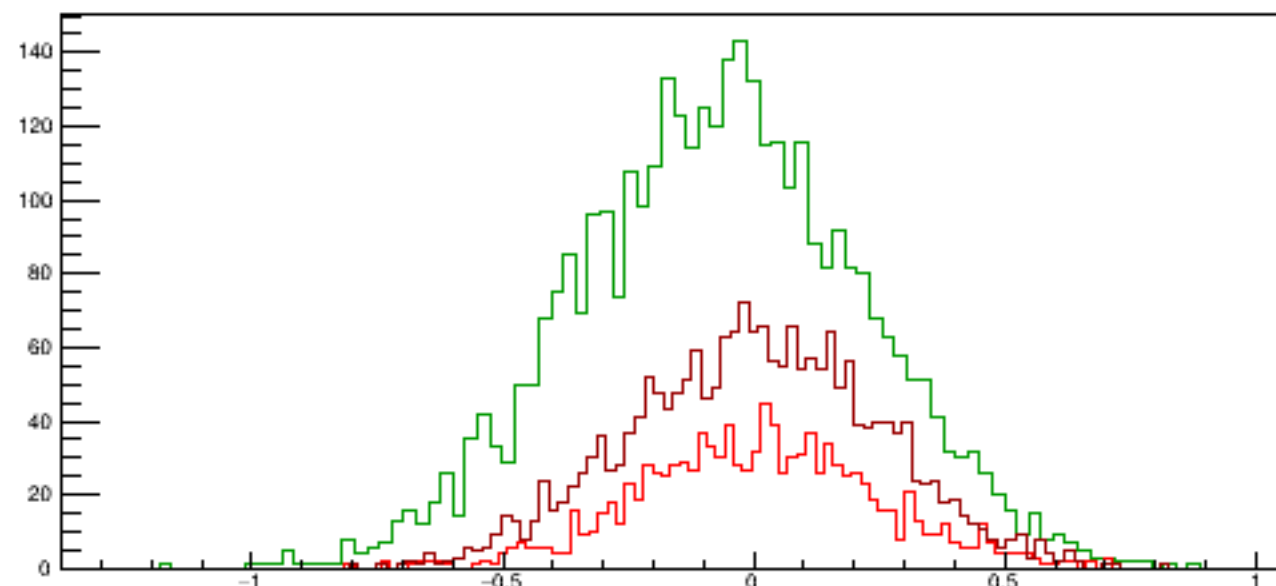
Std Dev: 0.2856 +/- 0.0033

Entries: 2068

Mean: 0.0010 +/- 0.0054

Std Dev: 0.2474 +/- 0.0038

Run 4369 quartetwise, Diffs



Cycle 8, Sums

Entries: 1130

Mean: 14.4997 +/- 0.0085

Std Dev: 0.2852 +/- 0.0060

Entries: 3712

Mean: 19.2888 +/- 0.0055

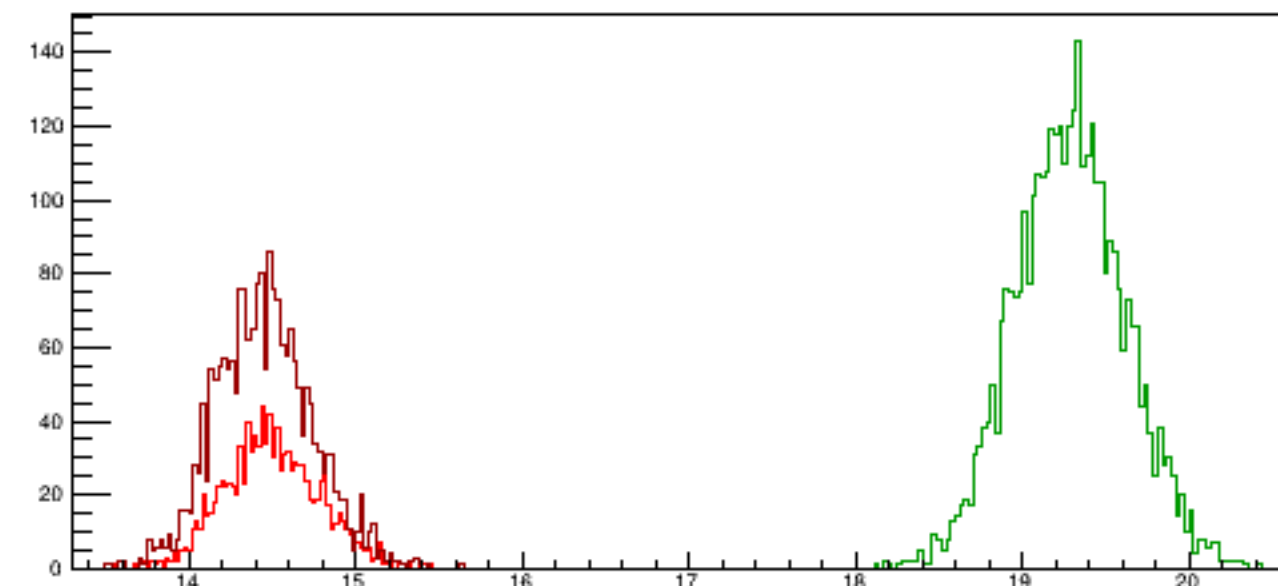
Std Dev: 0.3324 +/- 0.0039

Entries: 2068

Mean: 14.4567 +/- 0.0064

Std Dev: 0.2902 +/- 0.0045

Run 4369 quartetwise, Sums



Cycle 8, Asyms

Entries: 1130

Mean: 0.0020 +/- 0.0015

Std Dev: 0.0499 +/- 0.0010

Entries: 3712

Mean: -0.0143 +/- 0.0010

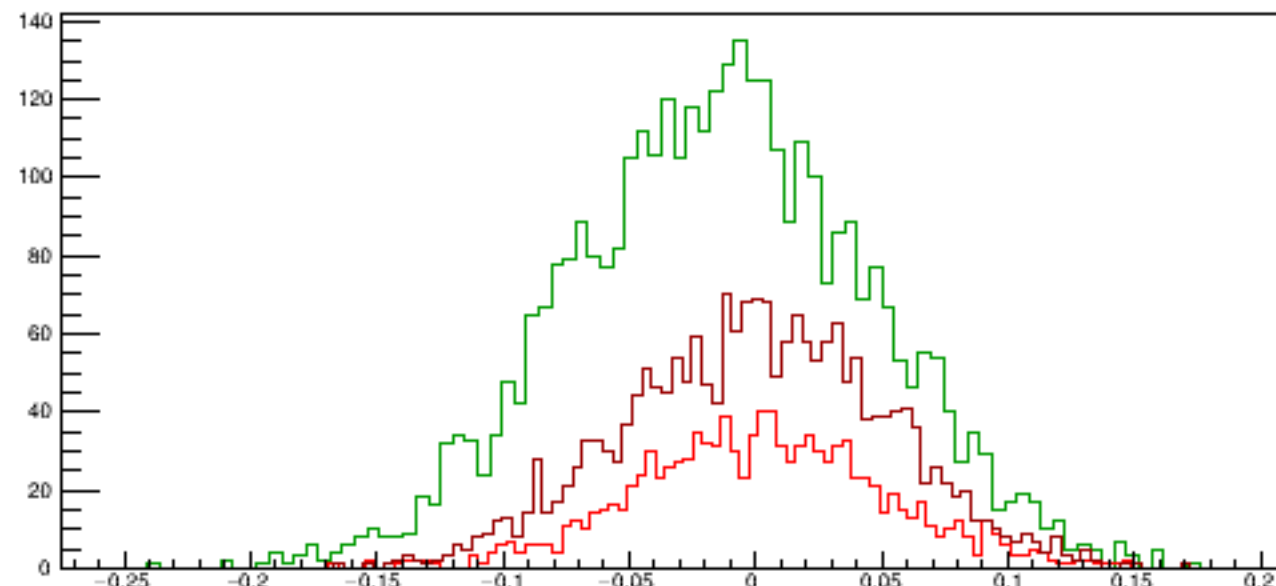
Std Dev: 0.0593 +/- 0.0007

Entries: 2068

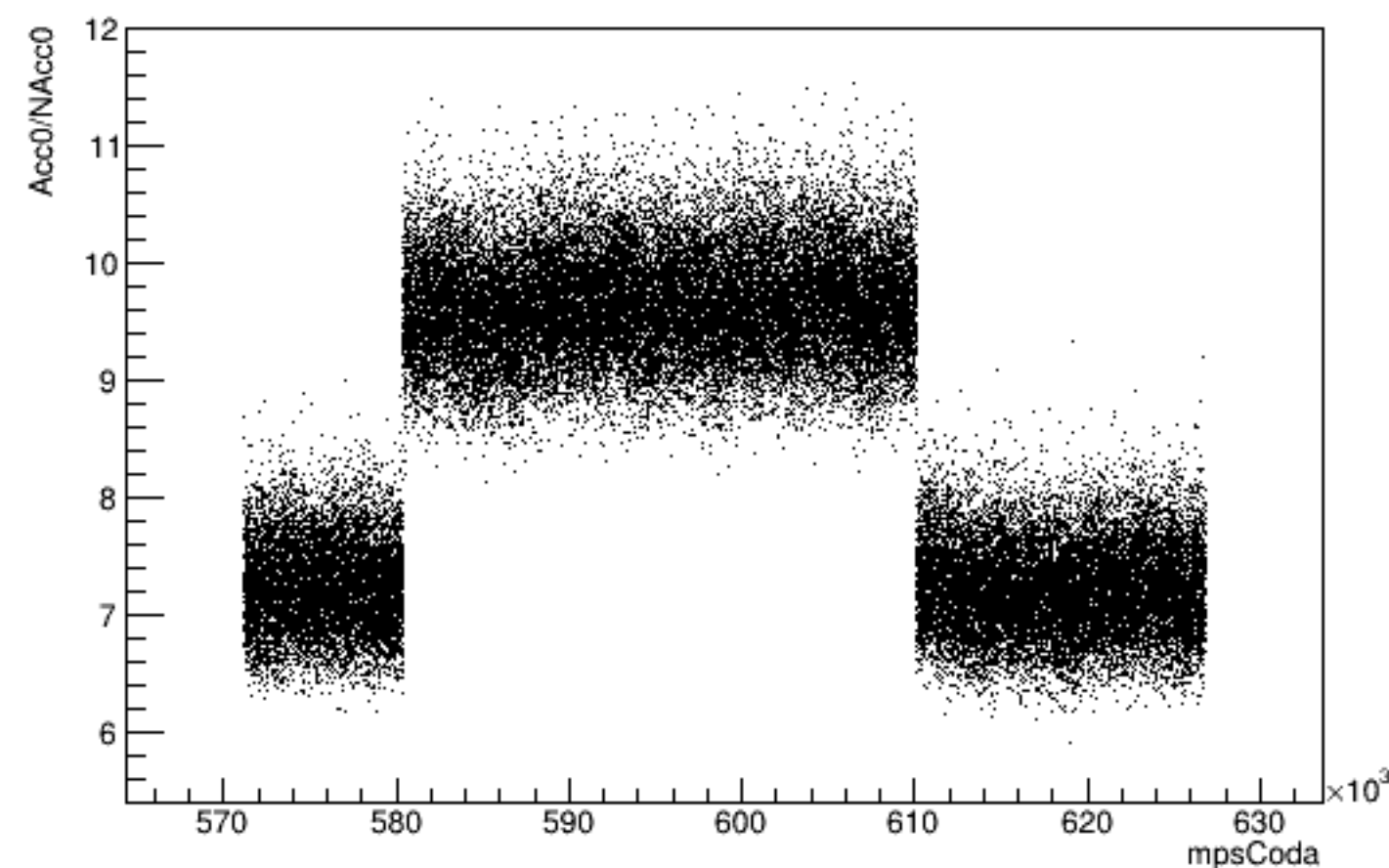
Mean: 0.0002 +/- 0.0011

Std Dev: 0.0514 +/- 0.0008

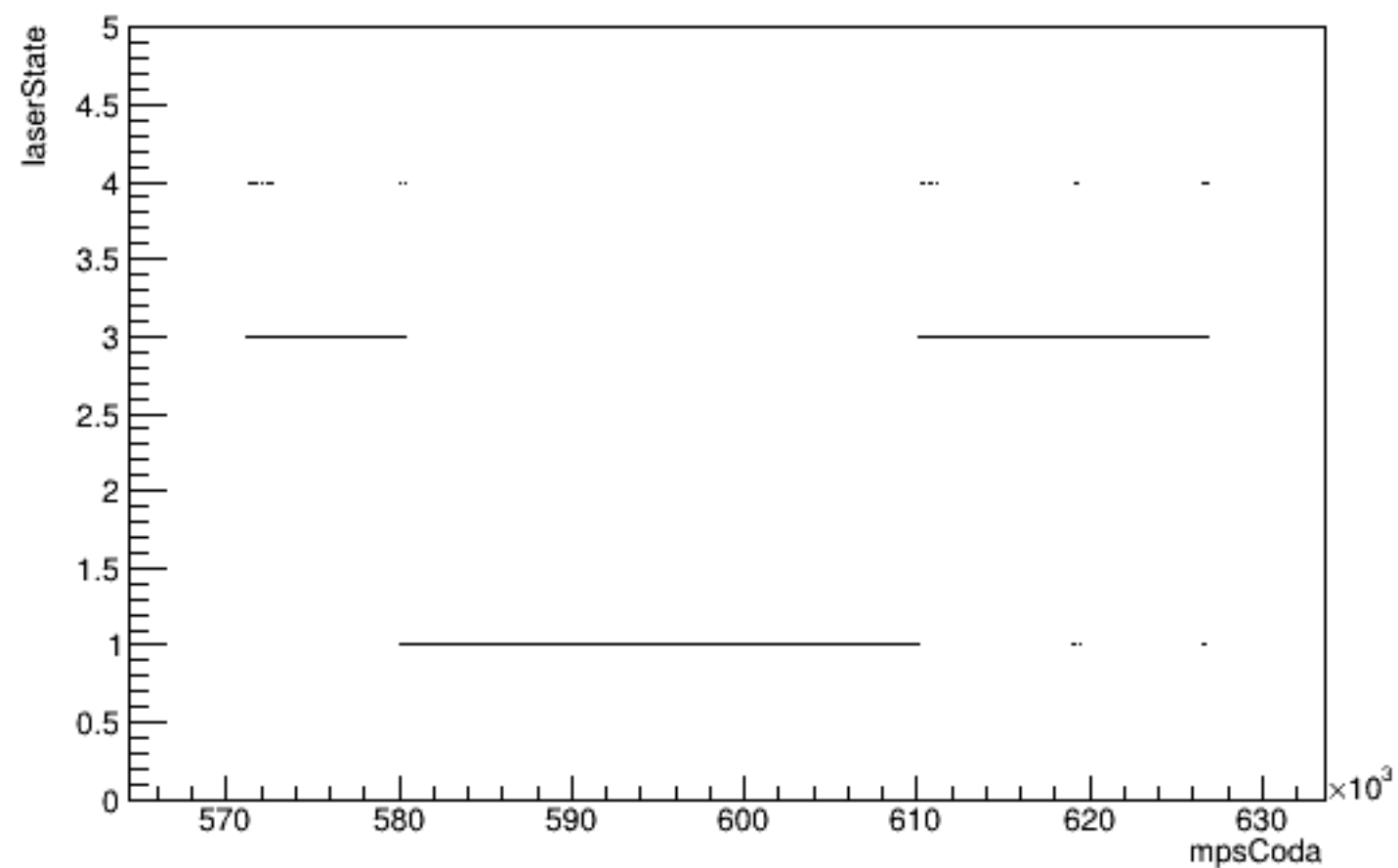
Run 4369 quartetwise, Asyms



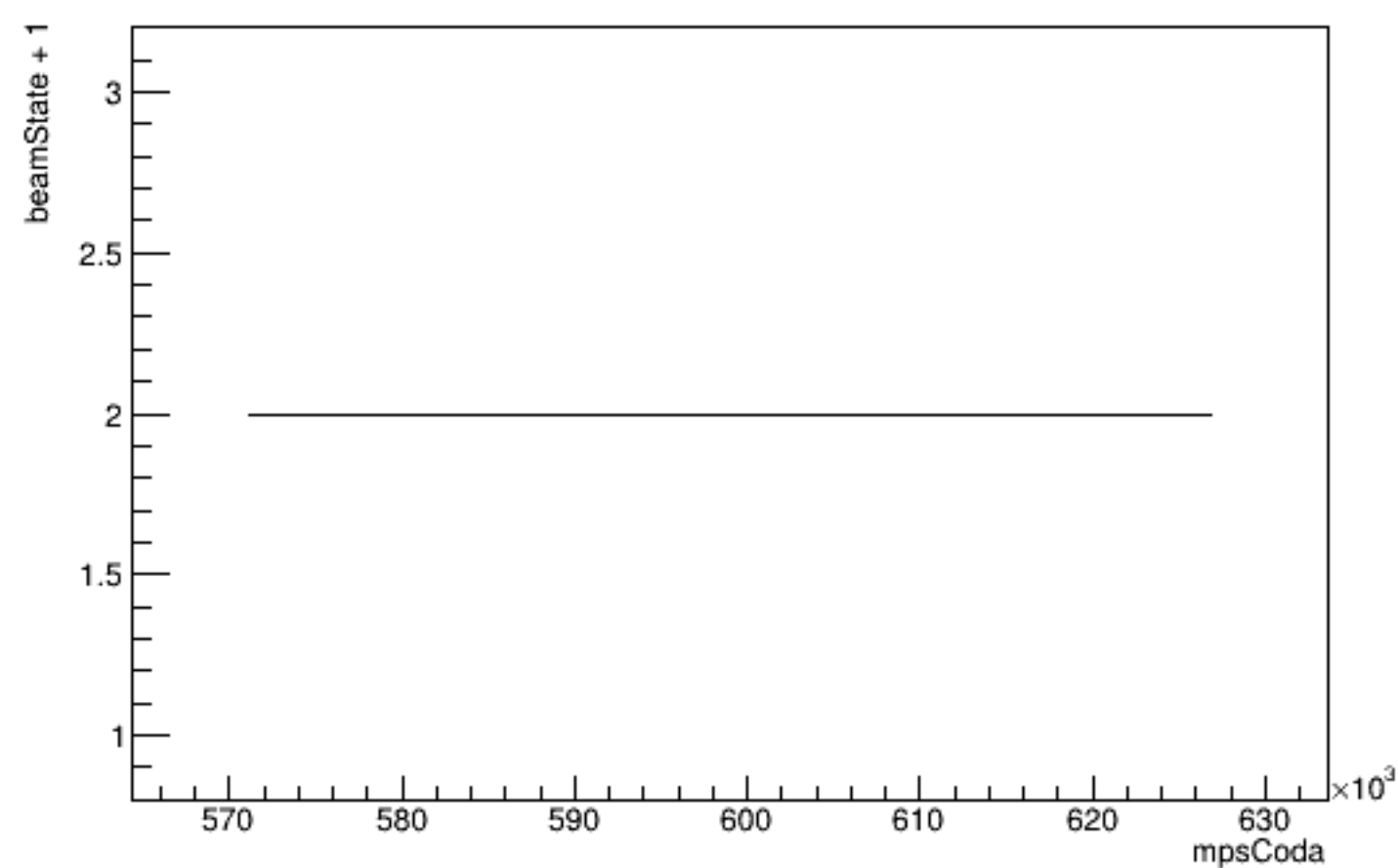
Acc0/NAcc0:mpsCoda (mpsCoda>=571196 && mpsCoda<=626811 && beamState==1)



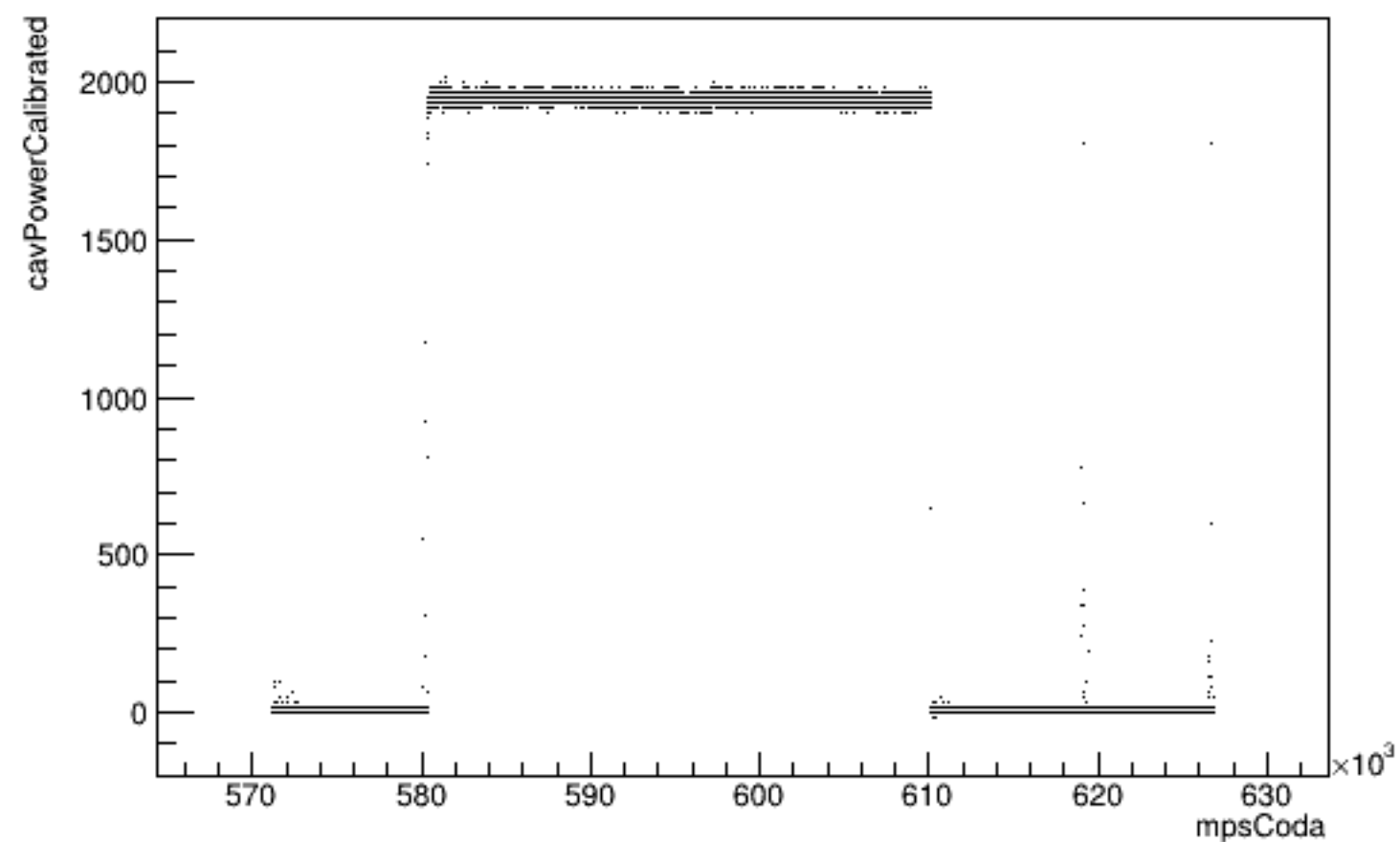
laserState:mpsCoda {mpsCoda>=571196 && mpsCoda<=626811}



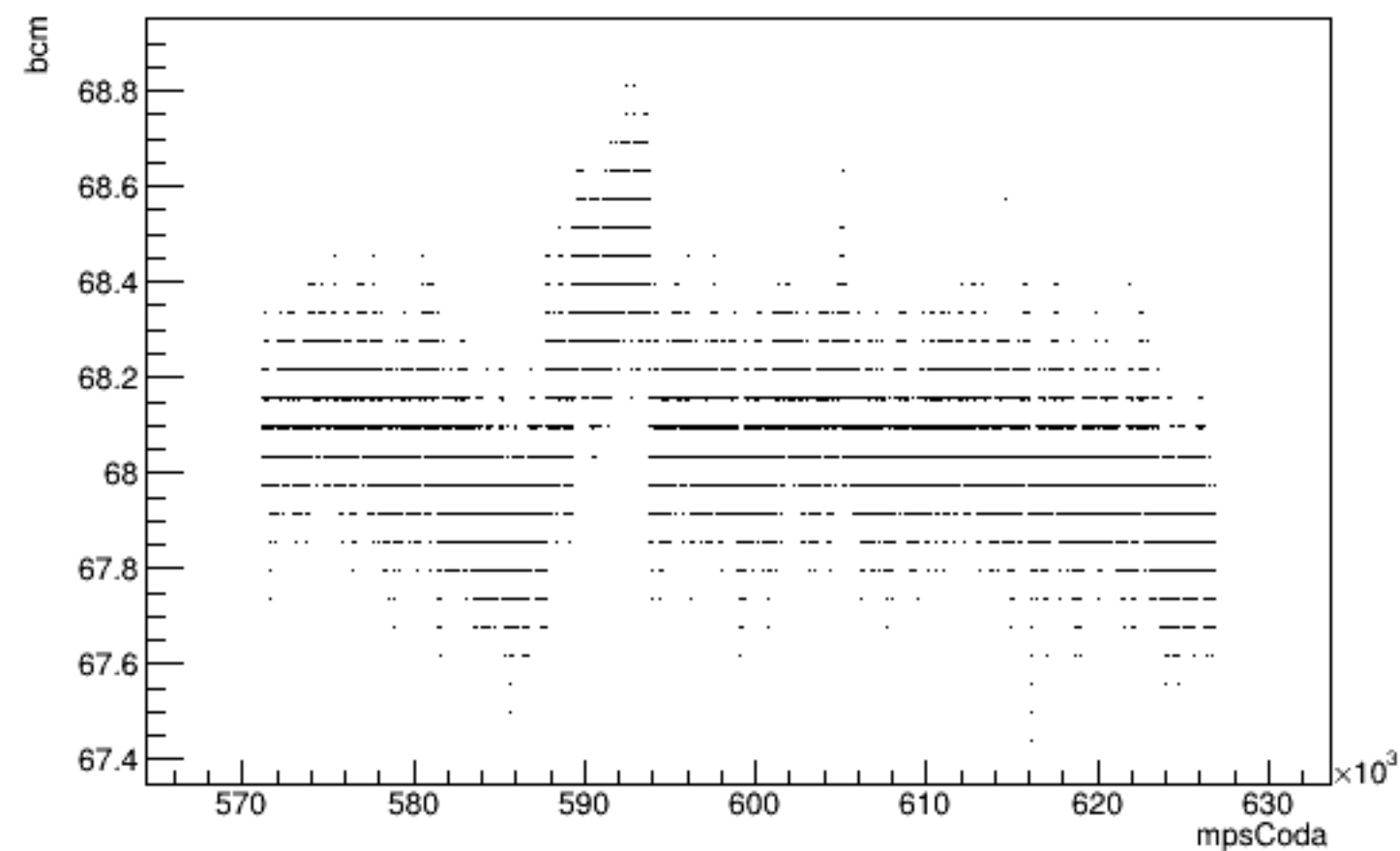
beamState + 1:mpsCoda {mpsCoda>=571196 && mpsCoda<=626811}



cavPowerCalibrated:mpsCoda {mpsCoda>=571196 && mpsCoda<=626811}



bcm:mpsCoda {mpsCoda>=571196 && mpsCoda<=626811}



Cycle 9, Diffs

Entries: 2068

Mean: 0.0010 +/- 0.0054

Std Dev: 0.2474 +/- 0.0038

Entries: 3685

Mean: -0.0742 +/- 0.0048

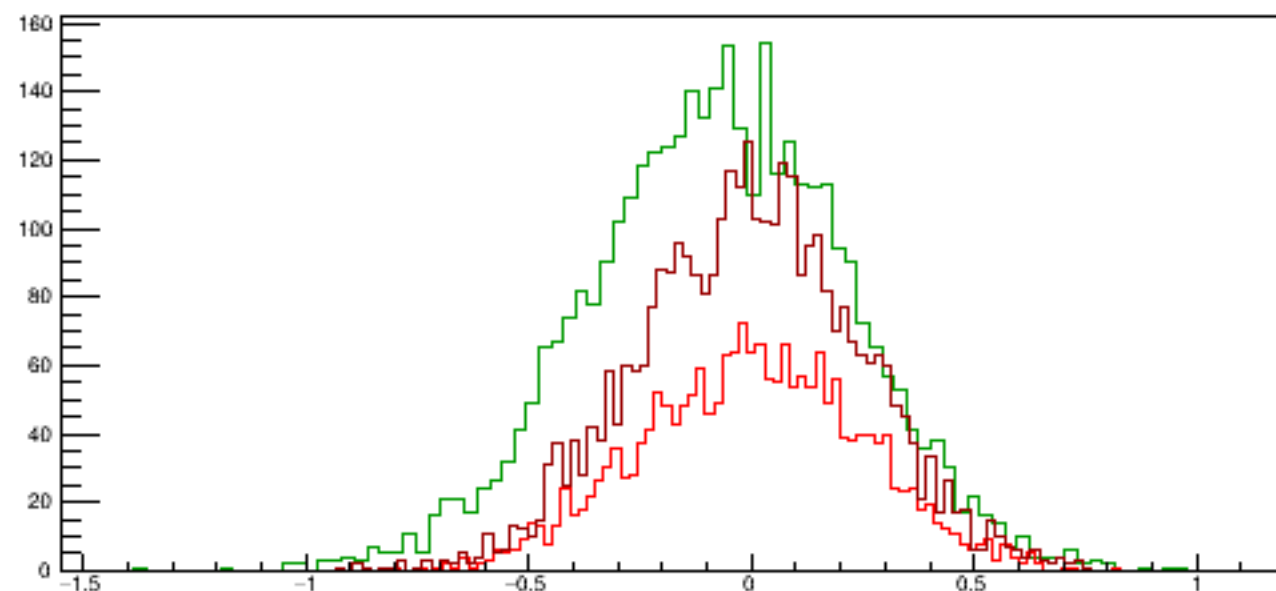
Std Dev: 0.2923 +/- 0.0034

Entries: 3468

Mean: -0.0045 +/- 0.0042

Std Dev: 0.2495 +/- 0.0030

Run 4369 quartetwise, Diffs



Cycle 9, Sums

Entries: 2068

Mean: 14.4567 +/- 0.0064

Std Dev: 0.2902 +/- 0.0045

Entries: 3685

Mean: 19.0459 +/- 0.0058

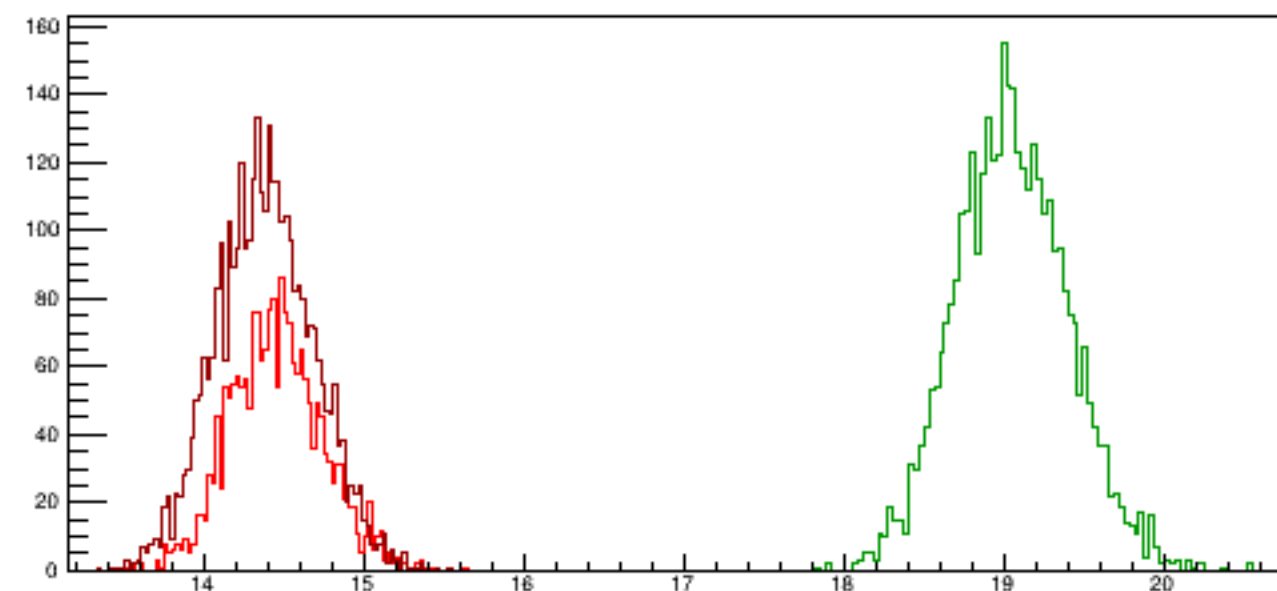
Std Dev: 0.3536 +/- 0.0041

Entries: 3468

Mean: 14.3819 +/- 0.0052

Std Dev: 0.3055 +/- 0.0037

Run 4369 quartetwise, Sums



Cycle 9, Asyms

Entries: 2068

Mean: 0.0002 +/- 0.0012

Std Dev: 0.0535 +/- 0.0008

Entries: 3685

Mean: -0.0162 +/- 0.0010

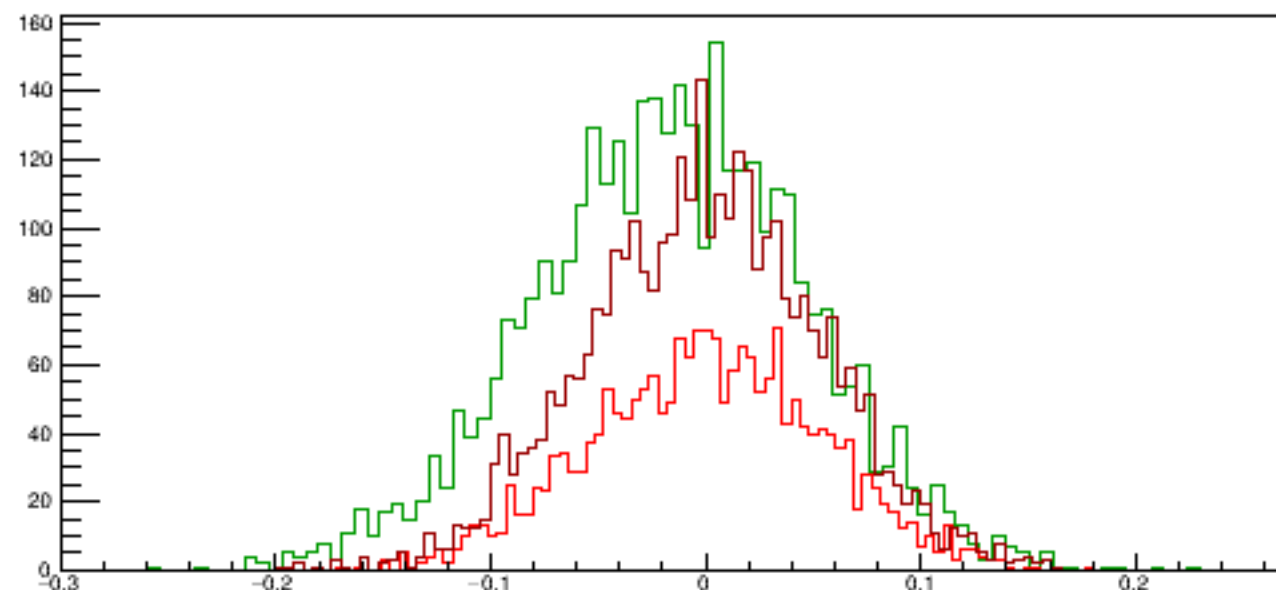
Std Dev: 0.0632 +/- 0.0007

Entries: 3468

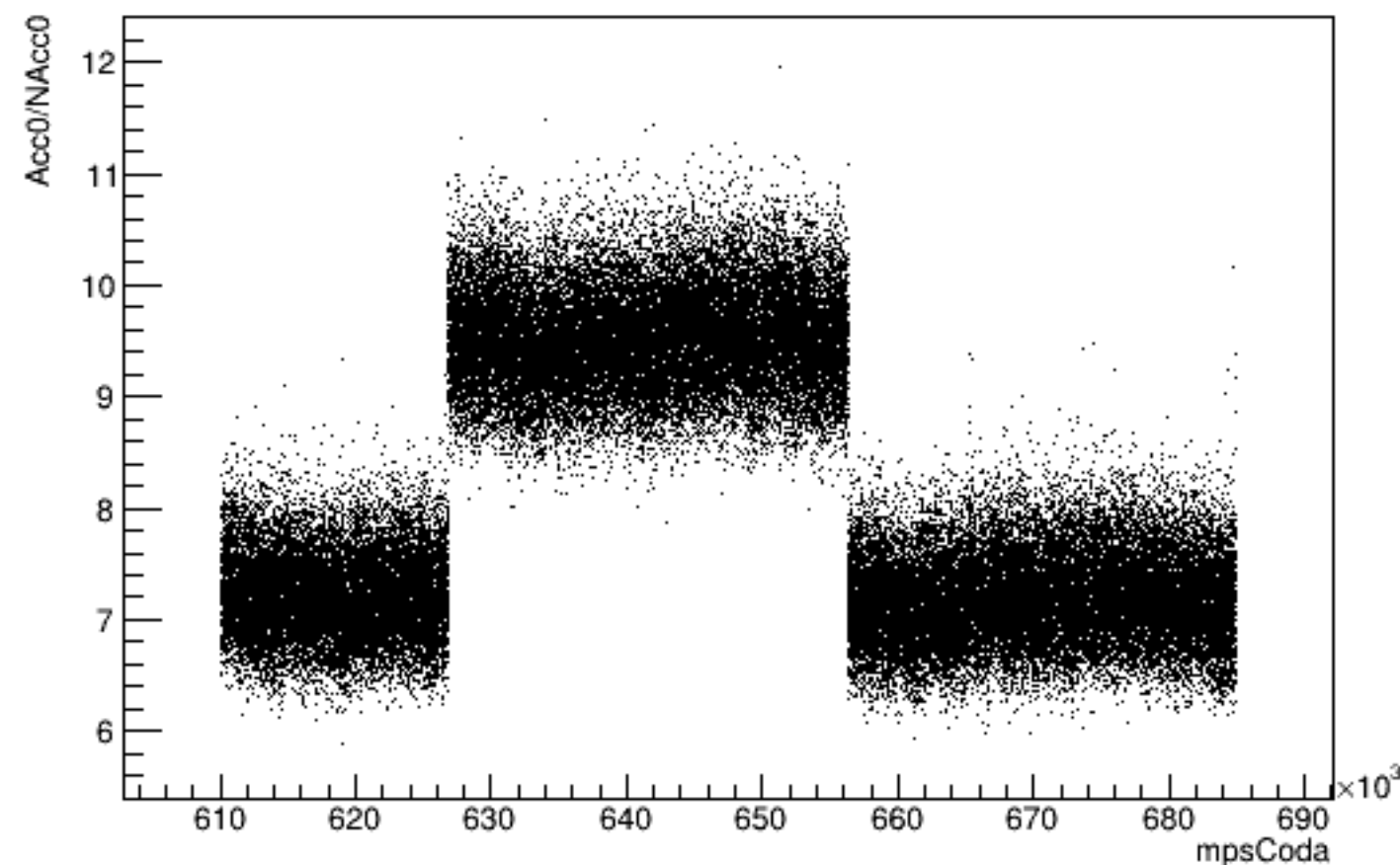
Mean: -0.0010 +/- 0.0009

Std Dev: 0.0539 +/- 0.0006

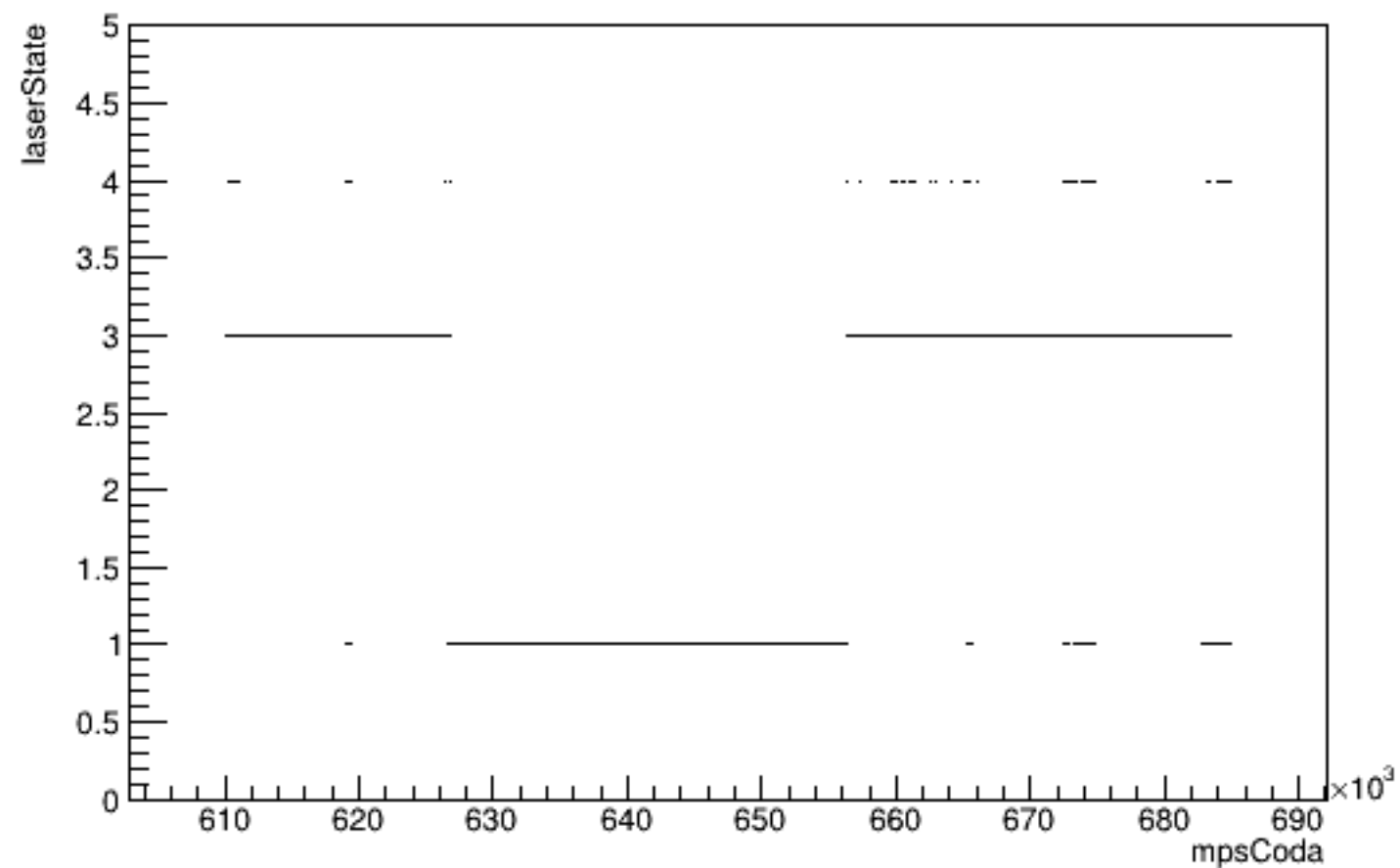
Run 4369 quartetwise, Asyms



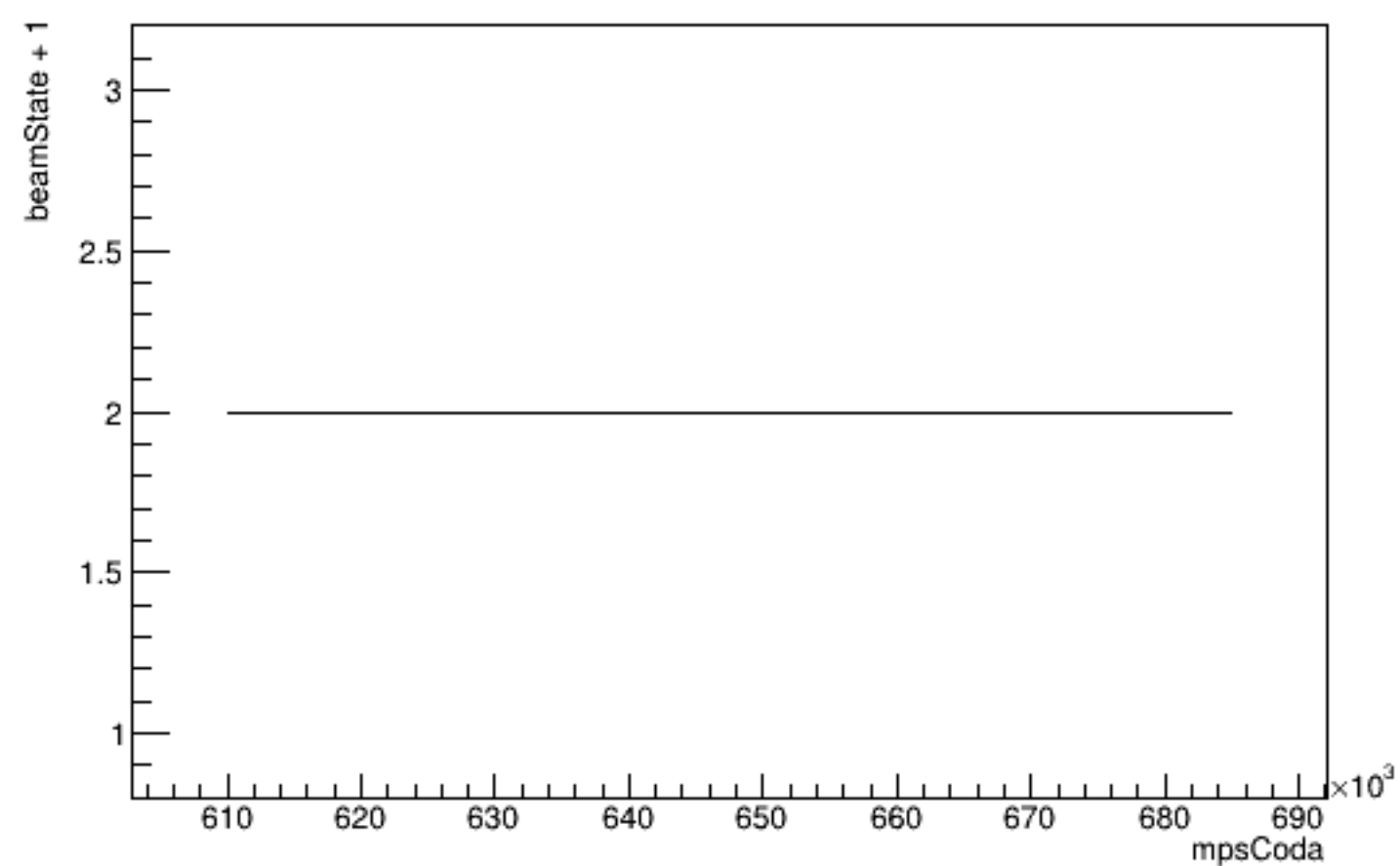
Acc0/NAcc0:mpsCoda (mpsCoda>=610108 && mpsCoda<=684883 && beamState==1)



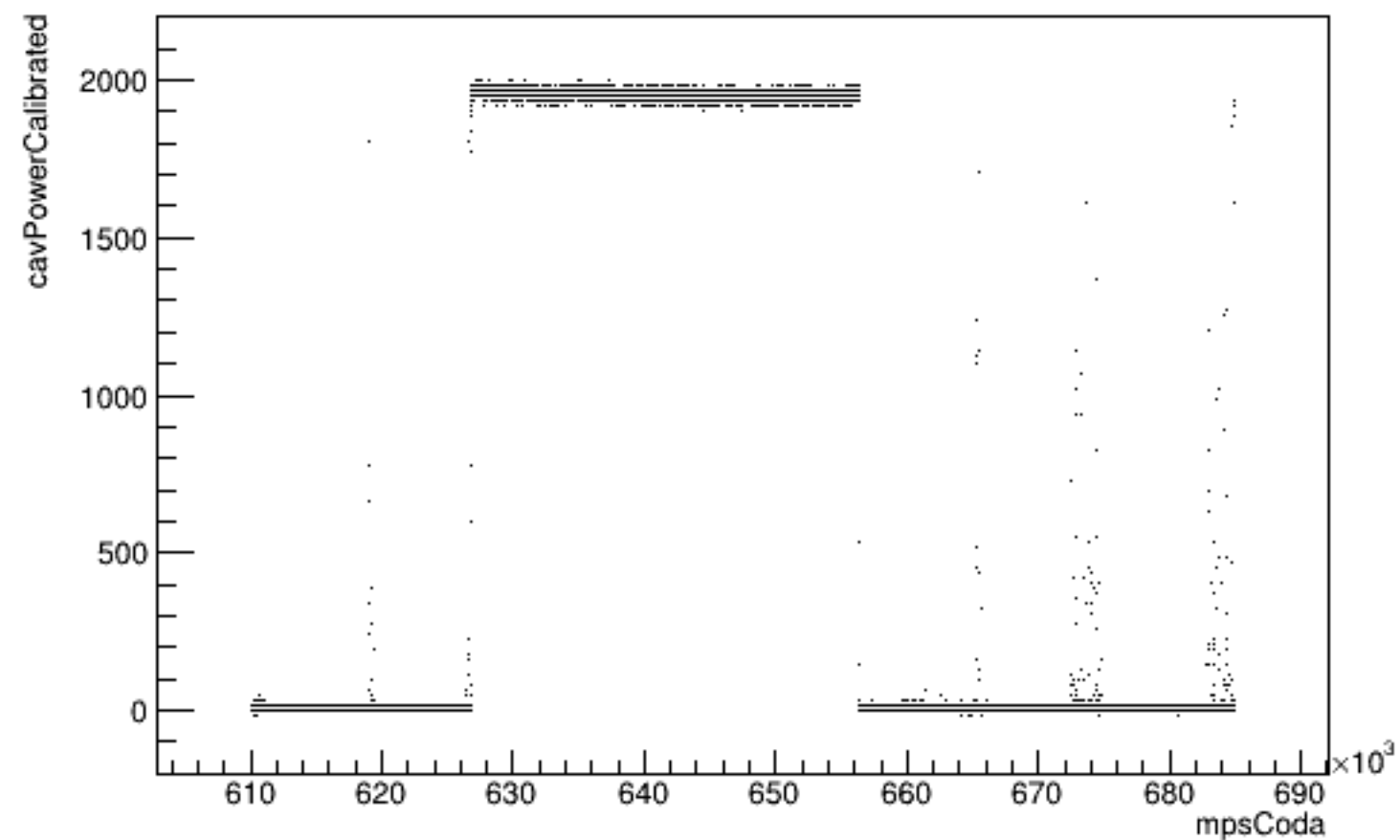
laserState:mpsCoda {mpsCoda>=610108 && mpsCoda<=684883}



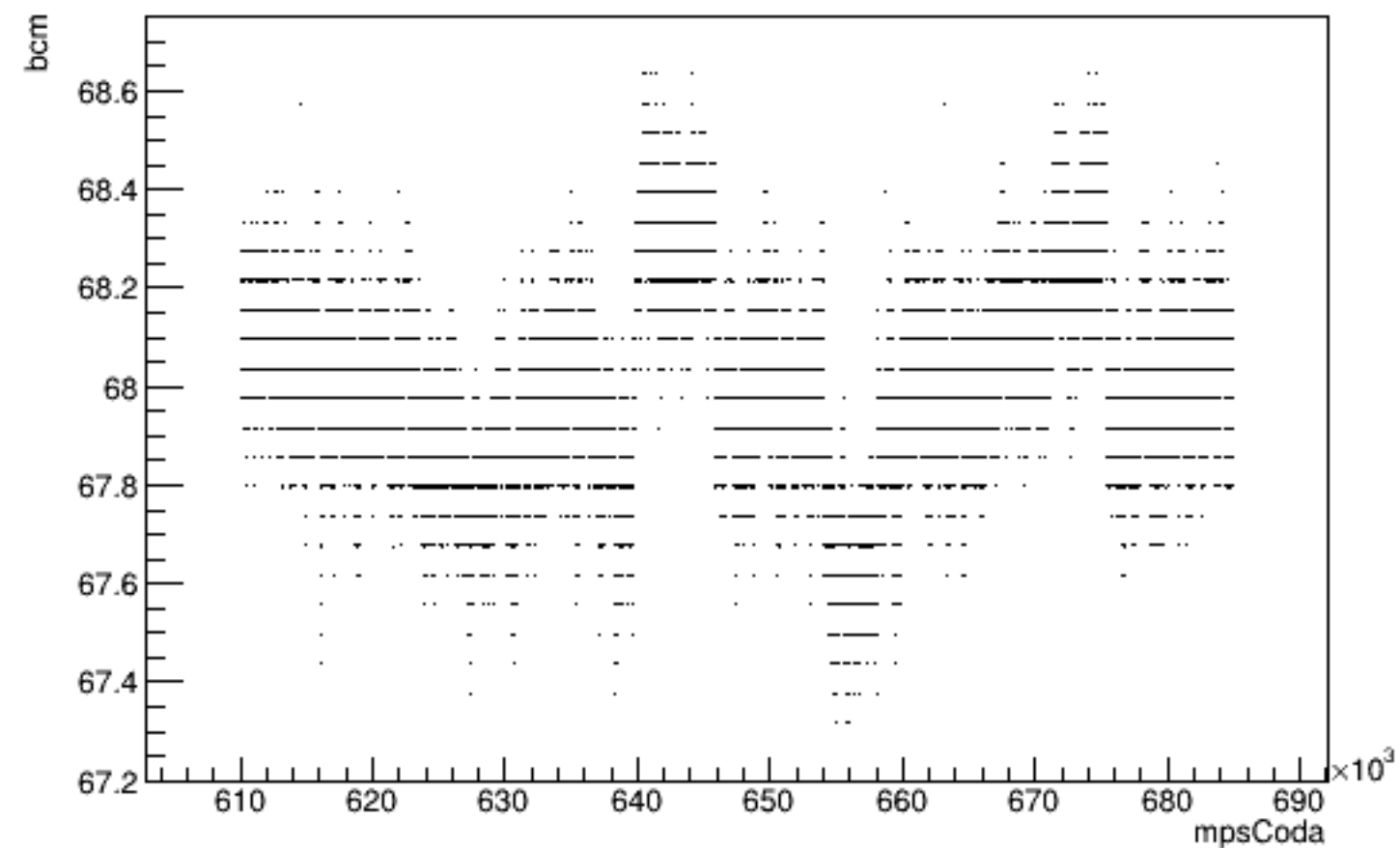
beamState + 1:mpsCoda {mpsCoda>=610108 && mpsCoda<=684883}



cavPowerCalibrated:mpsCoda {mpsCoda>=610108 && mpsCoda<=684883}



bcm:mpsCoda {mpsCoda>=610108 && mpsCoda<=684883}



Cycle 10, Diffs

Entries: 3468

Mean: -0.0045 +/- 0.0042

Std Dev: 0.2495 +/- 0.0030

Entries: 3780

Mean: -0.0636 +/- 0.0047

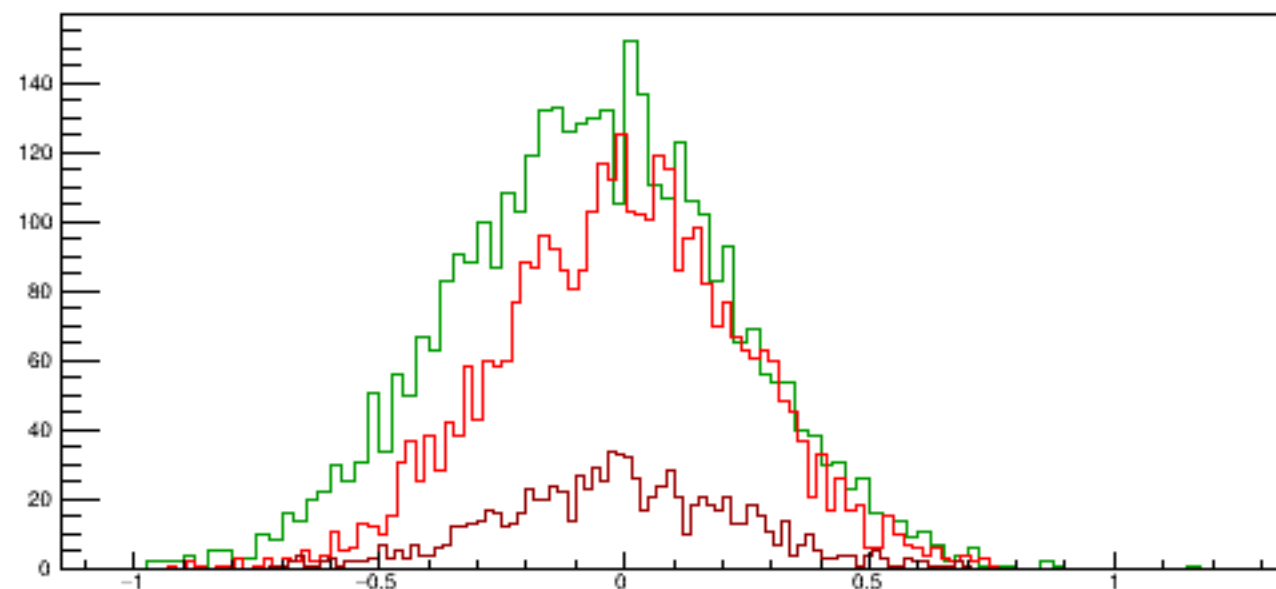
Std Dev: 0.2863 +/- 0.0033

Entries: 923

Mean: -0.0127 +/- 0.0082

Std Dev: 0.2484 +/- 0.0058

Run 4369 quartetwise, Diffs



Cycle 10, Sums

Entries: 3468

Mean: 14.3819 +/- 0.0052

Std Dev: 0.3055 +/- 0.0037

Entries: 3780

Mean: 18.6910 +/- 0.0062

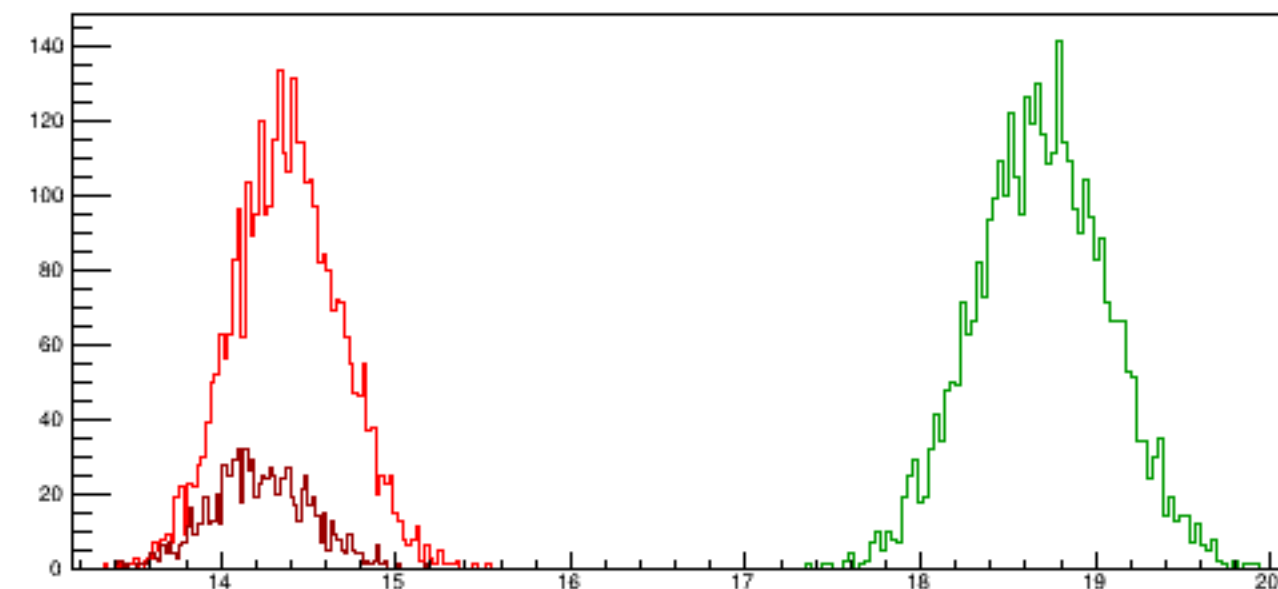
Std Dev: 0.3791 +/- 0.0044

Entries: 923

Mean: 14.2269 +/- 0.0092

Std Dev: 0.2807 +/- 0.0065

Run 4369 quartetwise, Sums



Cycle 10, Asyms

Entries: 3468

Mean: -0.0010 +/- 0.0010

Std Dev: 0.0569 +/- 0.0007

Entries: 3780

Mean: -0.0145 +/- 0.0011

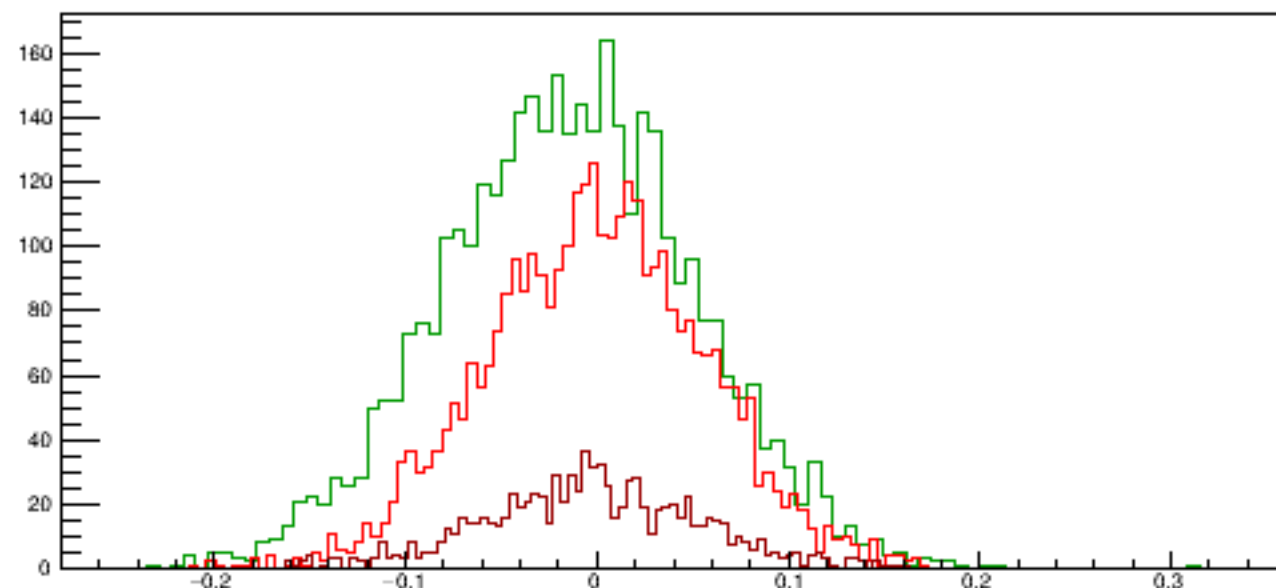
Std Dev: 0.0656 +/- 0.0008

Entries: 923

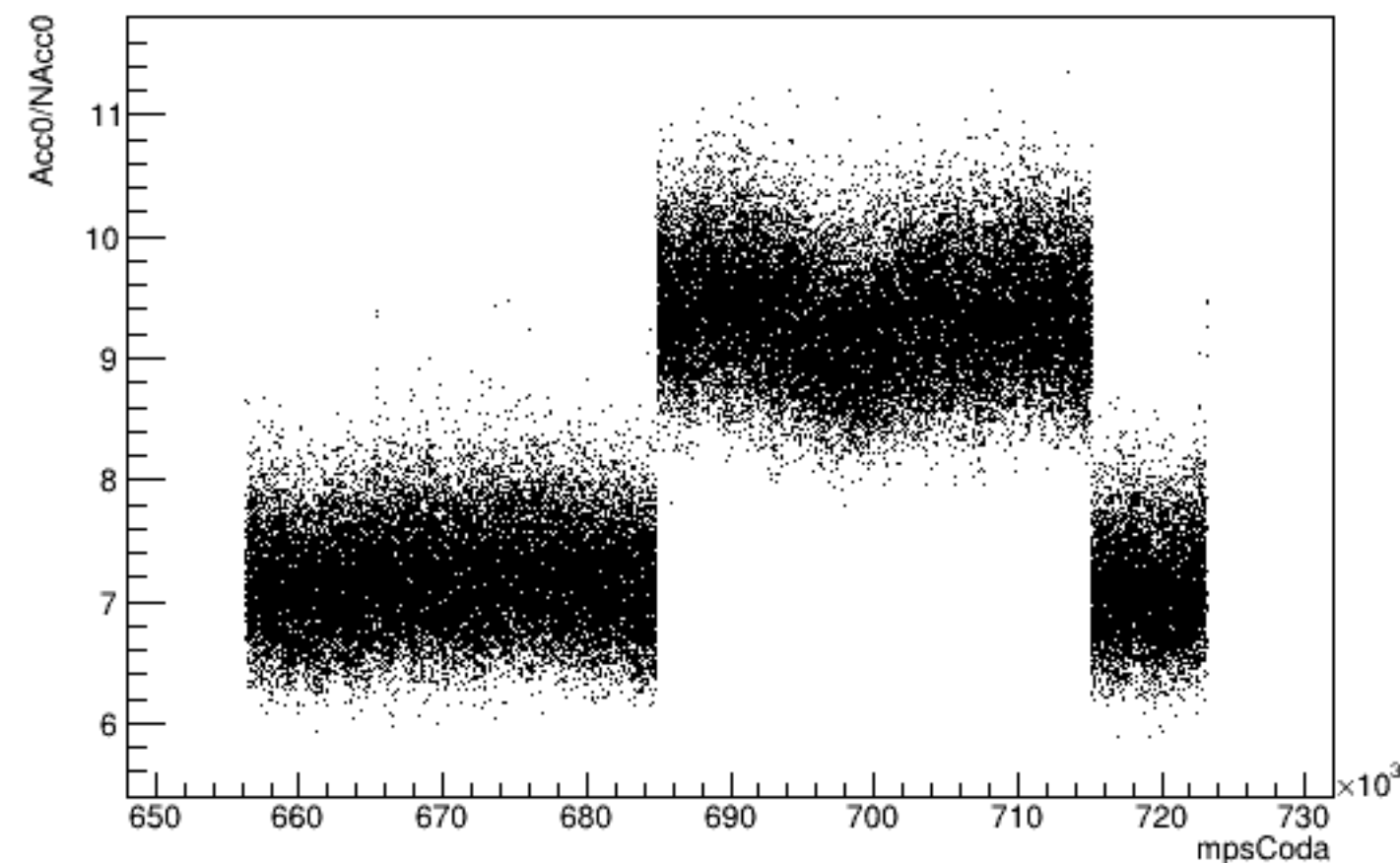
Mean: -0.0029 +/- 0.0019

Std Dev: 0.0566 +/- 0.0013

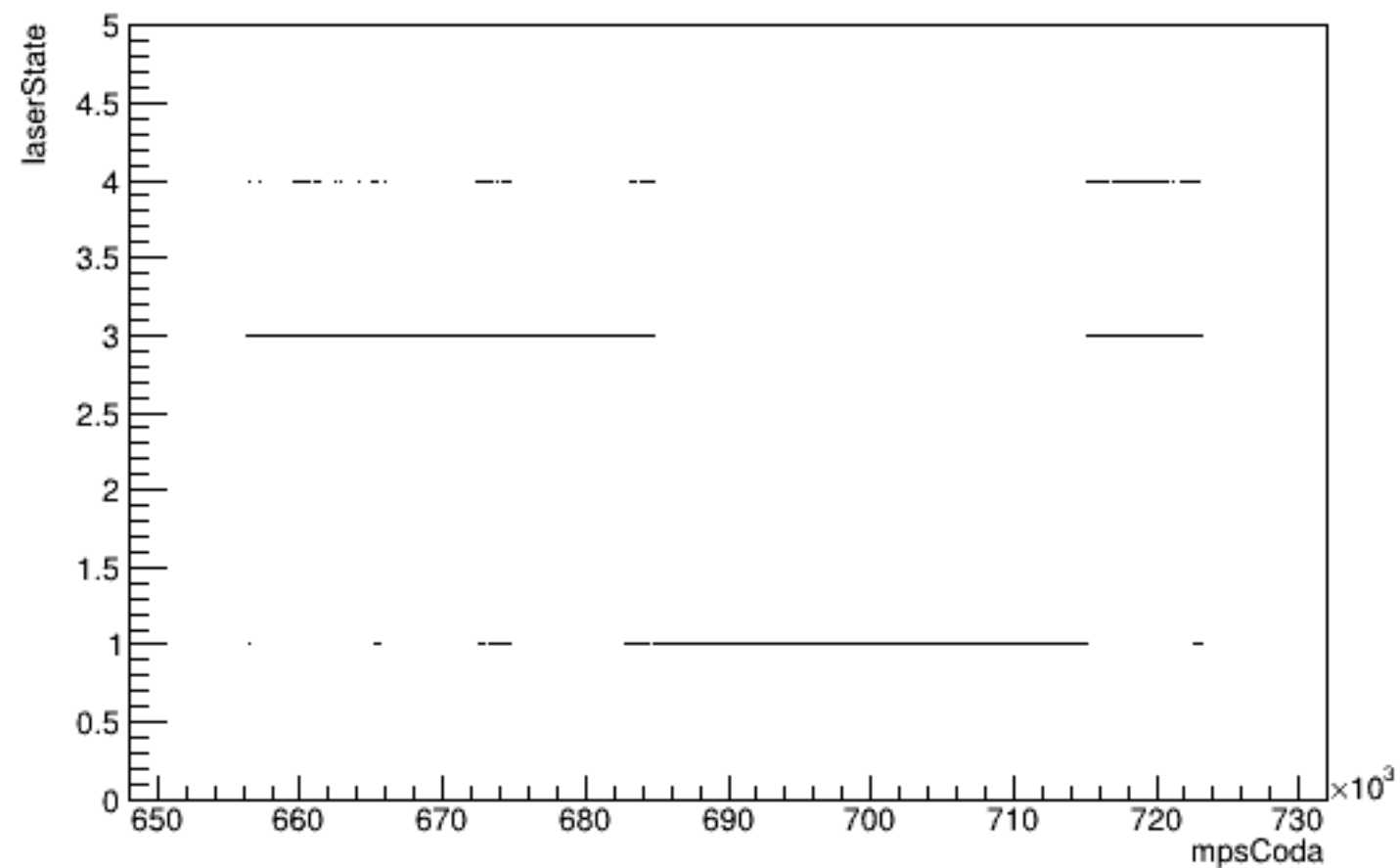
Run 4369 quartetwise, Asyms



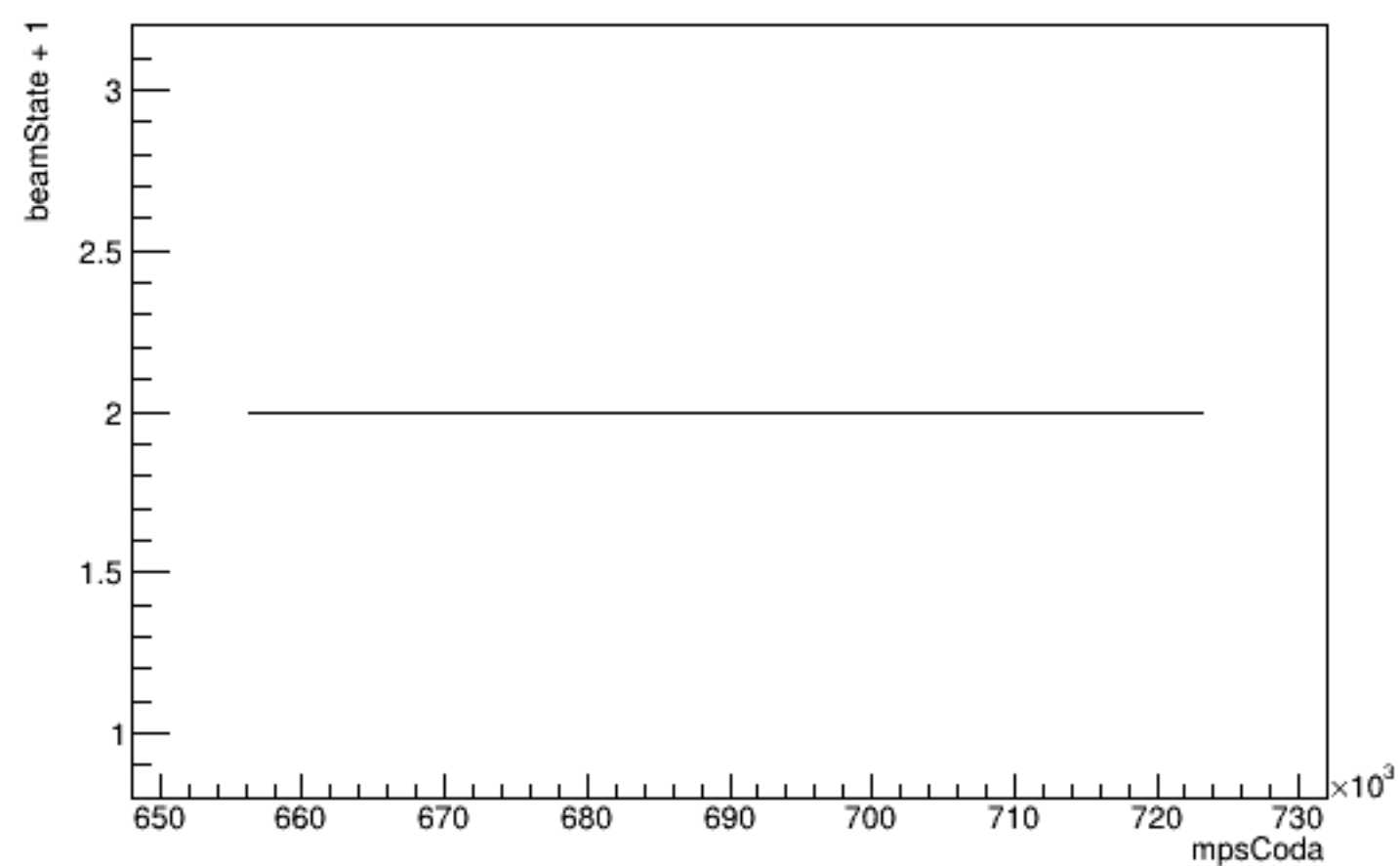
Acc0/NAcc0:mpsCoda (mpsCoda>=656300 && mpsCoda<=723123 && beamState==1)



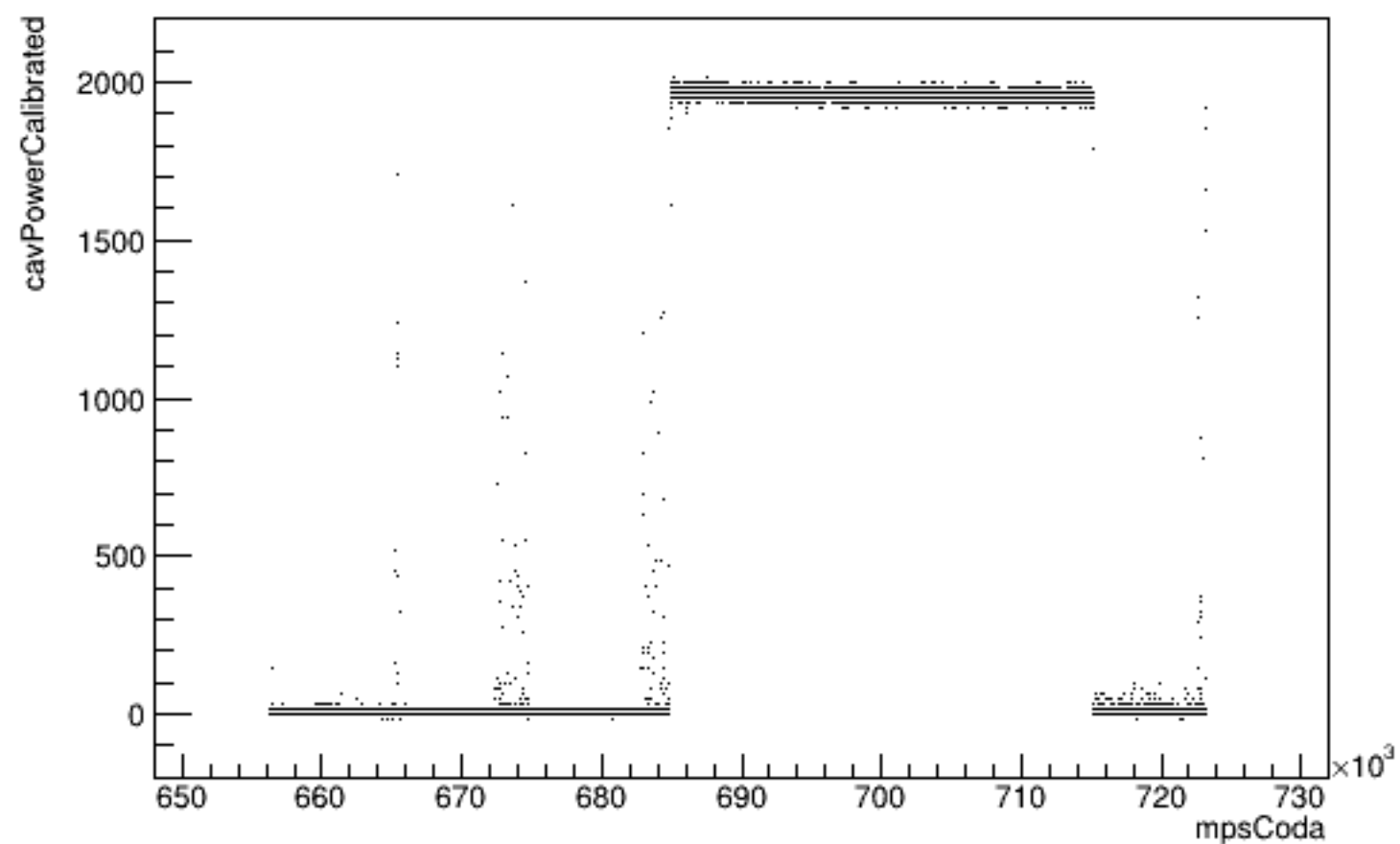
laserState:mpsCoda {mpsCoda>=656300 && mpsCoda<=723123}



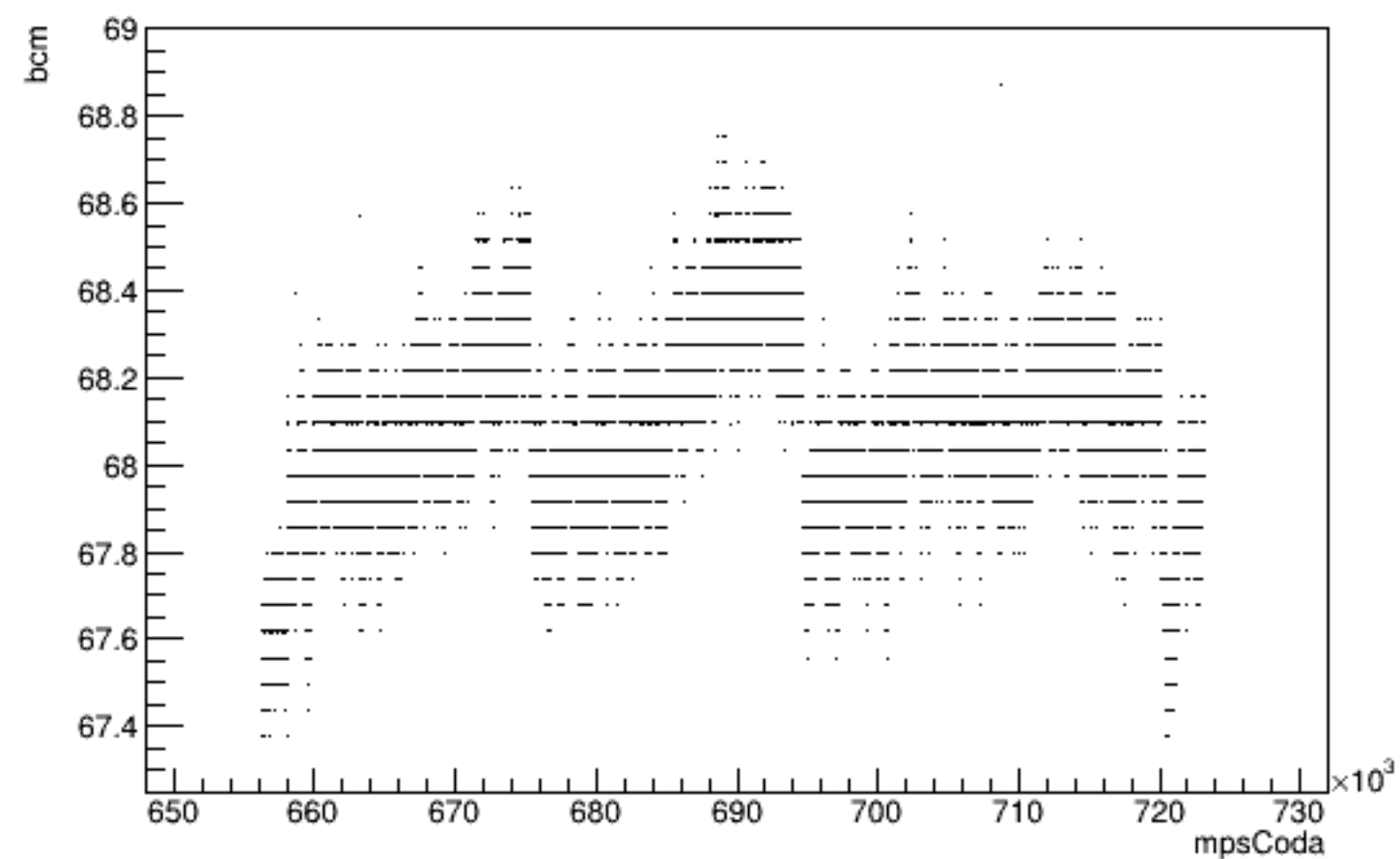
beamState + 1:mpsCoda {mpsCoda>=656300 && mpsCoda<=723123}



cavPowerCalibrated:mpsCoda {mpsCoda>=656300 && mpsCoda<=723123}



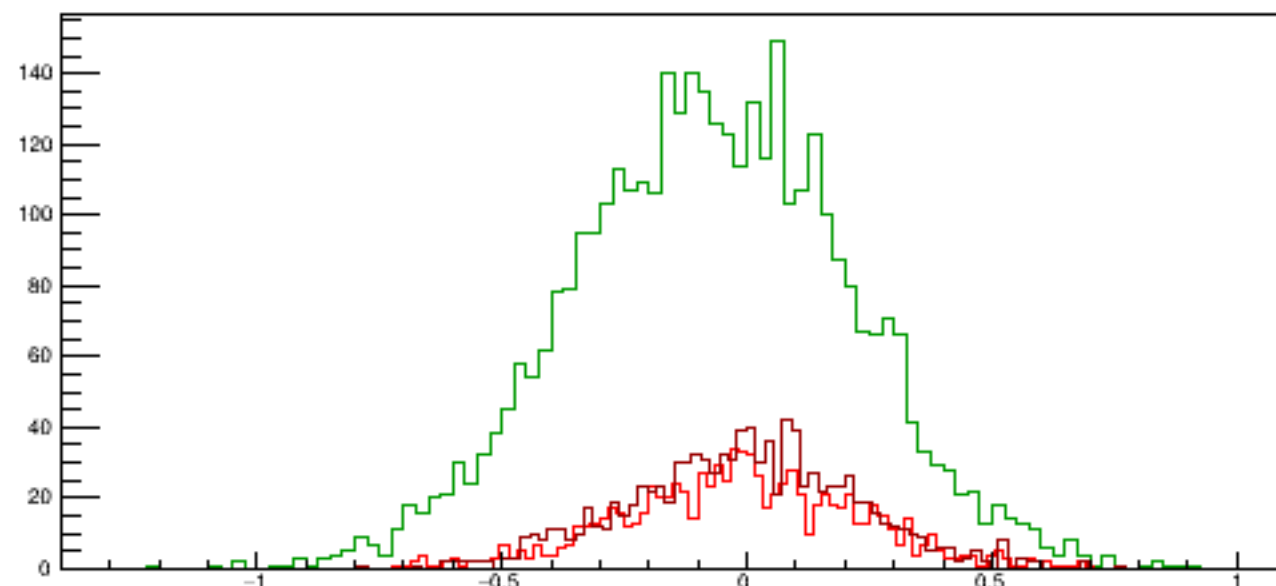
bcm:mpsCoda {mpsCoda>=656300 && mpsCoda<=723123}



Cycle 11, Diffs

Entries: 923	Entries: 3806	Entries: 1026
Mean: -0.0127 +/- 0.0082	Mean: -0.0741 +/- 0.0046	Mean: -0.0089 +/- 0.0071
Std Dev: 0.2484 +/- 0.0058	Std Dev: 0.2844 +/- 0.0033	Std Dev: 0.2290 +/- 0.0051

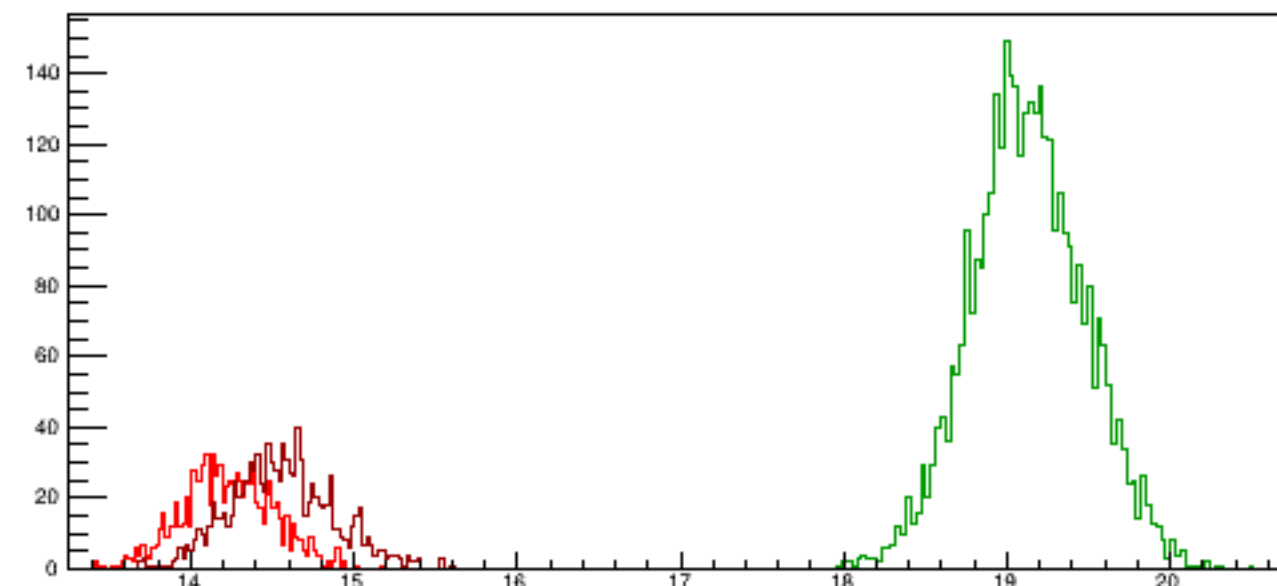
Run 4369 quartetwise, Diffs



Cycle 11, Sums

Entries: 923	Entries: 3806	Entries: 1026
Mean: 14.2269 +/- 0.0092	Mean: 19.1268 +/- 0.0057	Mean: 14.5616 +/- 0.0100
Std Dev: 0.2807 +/- 0.0065	Std Dev: 0.3503 +/- 0.0040	Std Dev: 0.3198 +/- 0.0071

Run 4369 quartetwise, Sums

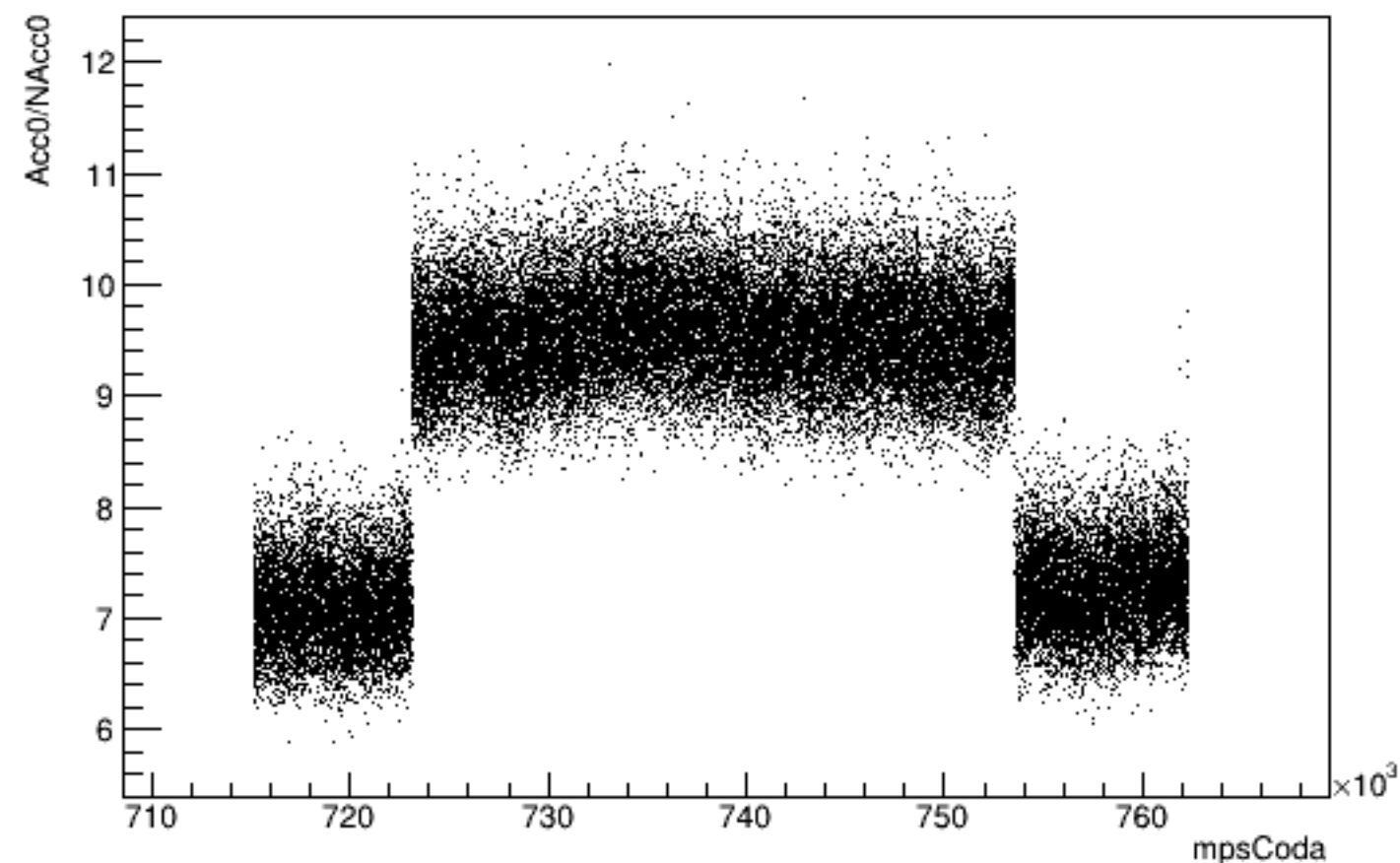
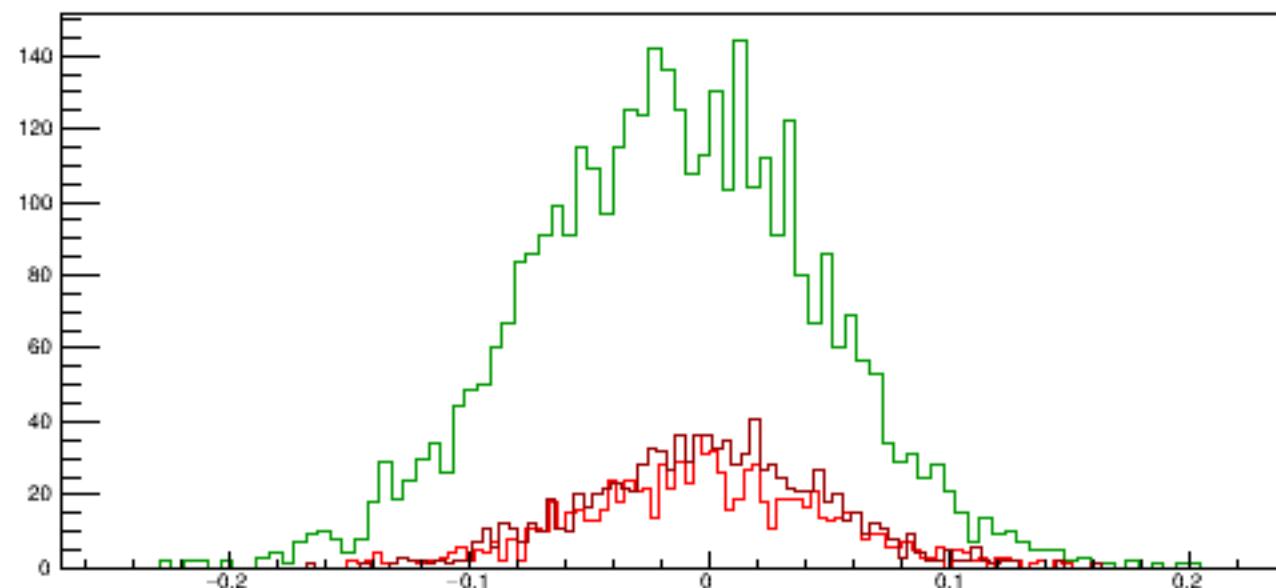


Acc0/NAcc0:mpsCoda (mpsCoda>=715132 && mpsCoda<=762291 && beamState==1)

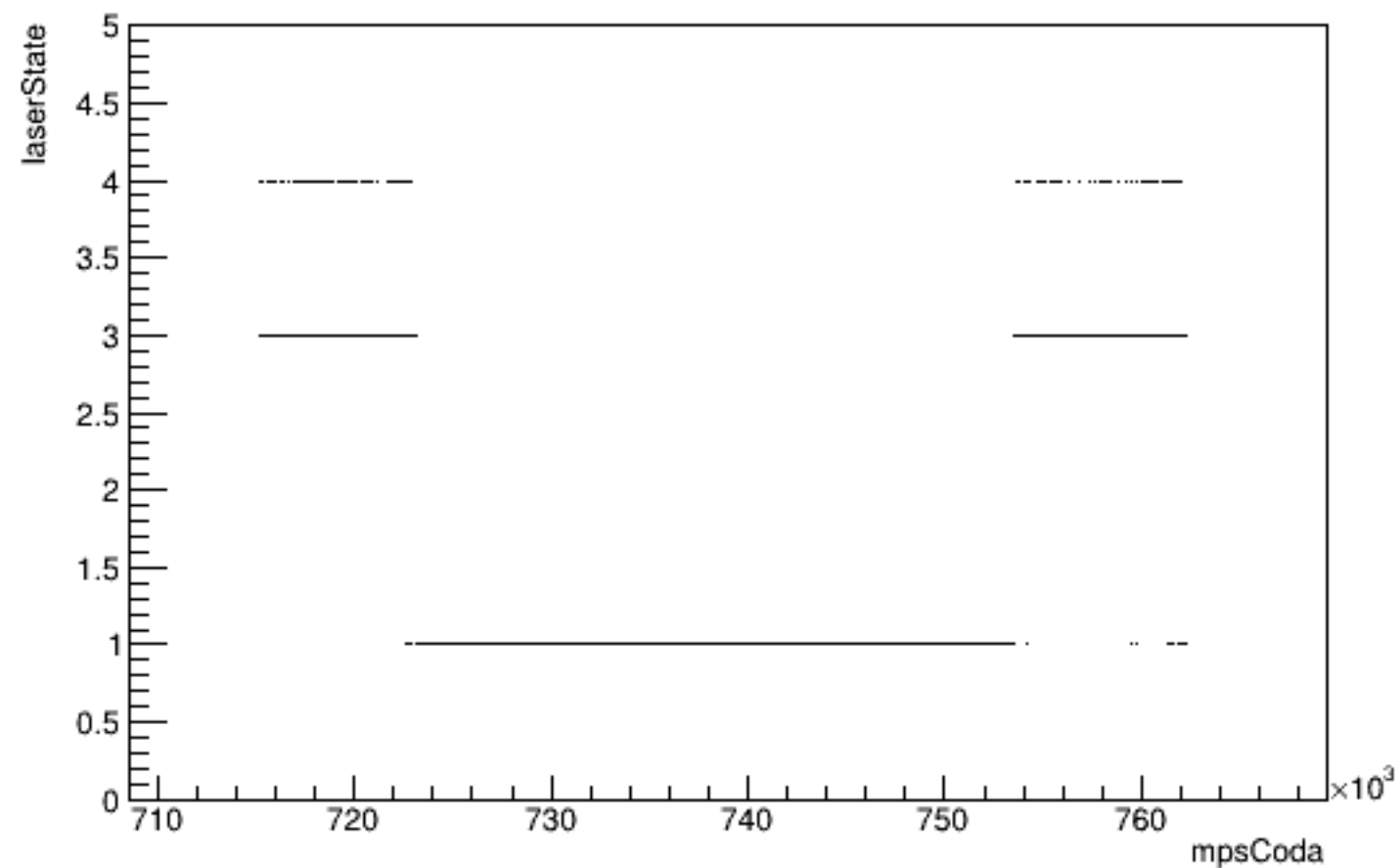
Cycle 11, Asyms

Entries: 923	Entries: 3806	Entries: 1026
Mean: -0.0027 +/- 0.0017	Mean: -0.0157 +/- 0.0010	Mean: -0.0019 +/- 0.0015
Std Dev: 0.0525 +/- 0.0012	Std Dev: 0.0602 +/- 0.0007	Std Dev: 0.0484 +/- 0.0011

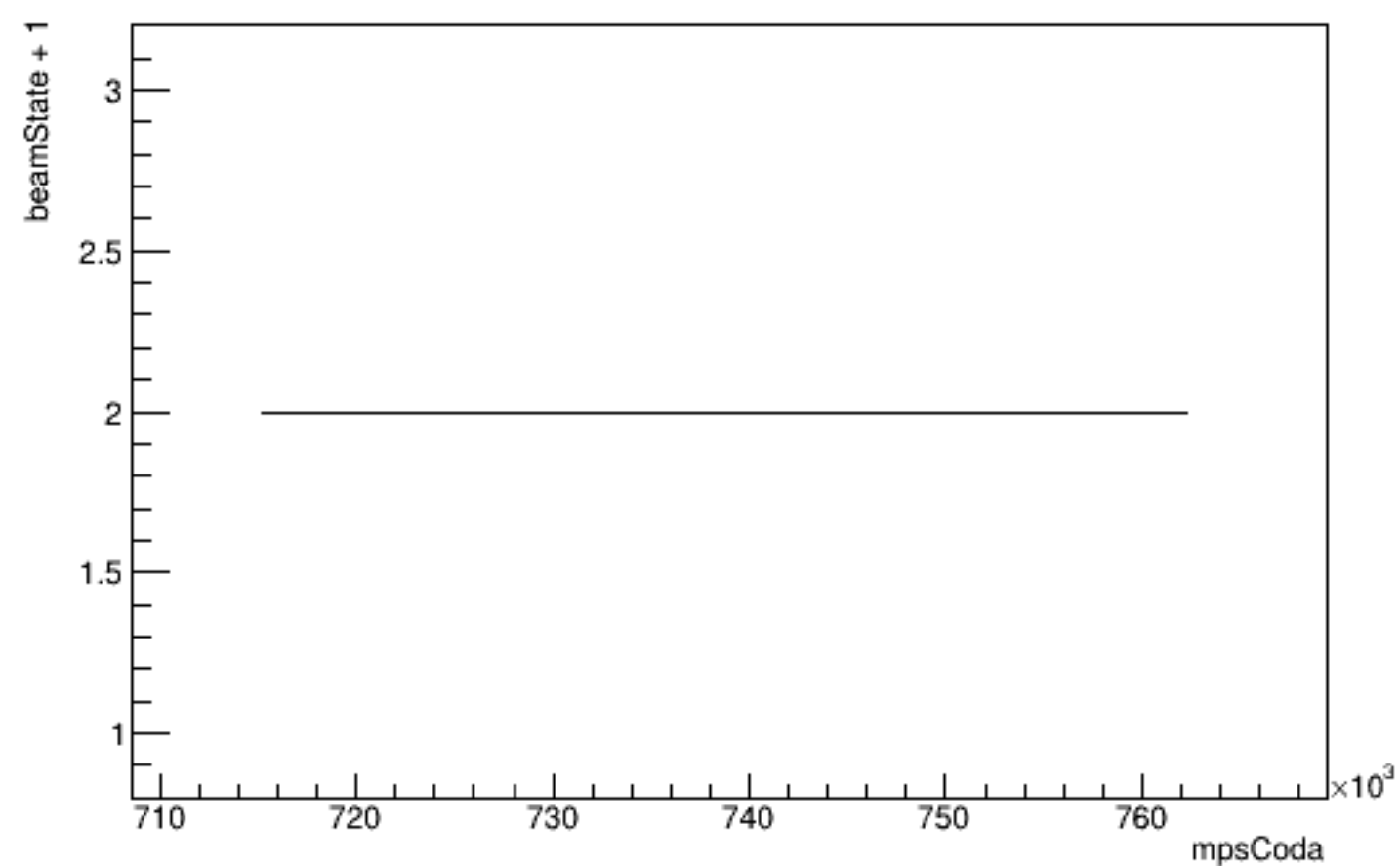
Run 4369 quartetwise, Asyms



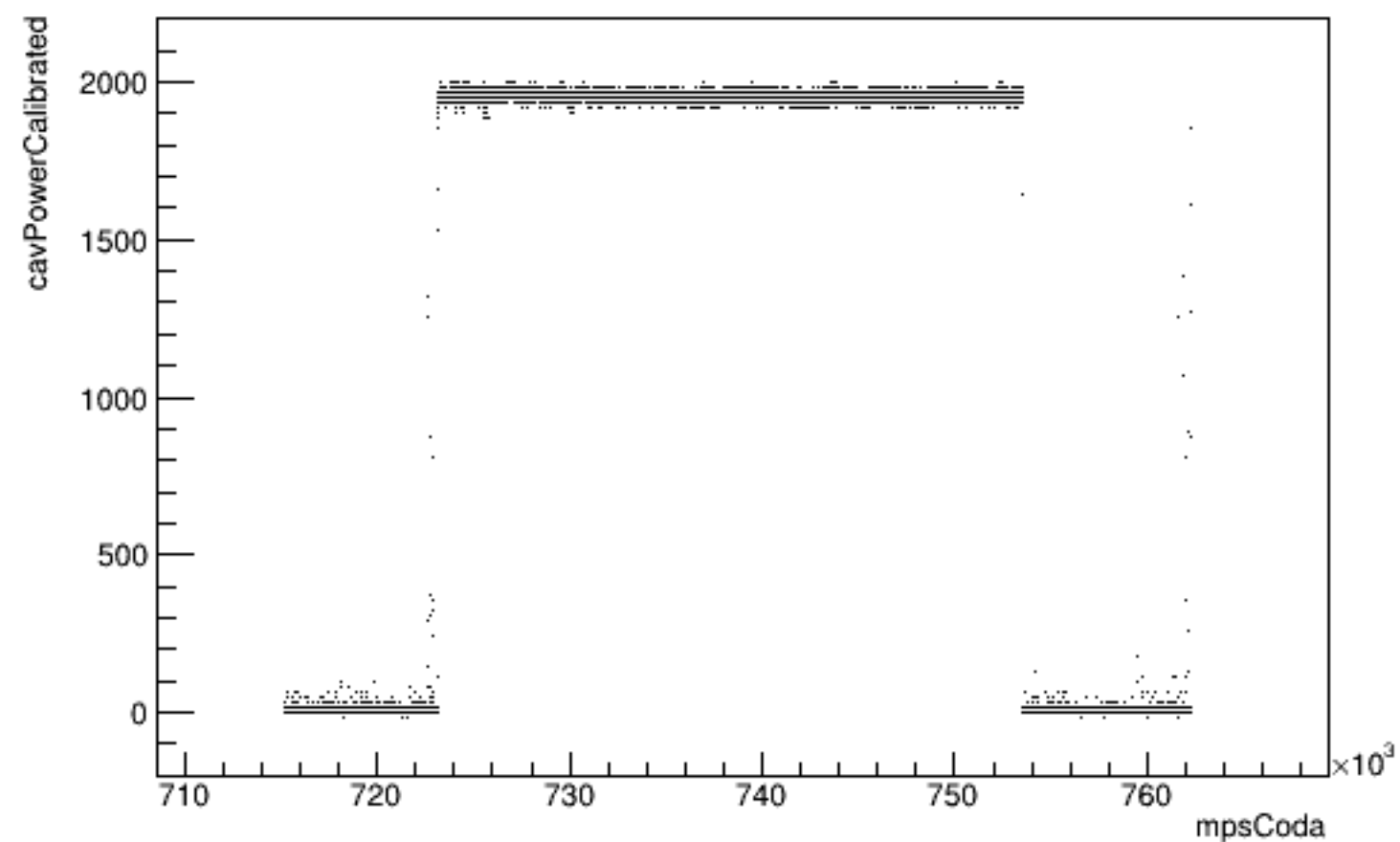
laserState:mpsCoda {mpsCoda>=715132 && mpsCoda<=762291}



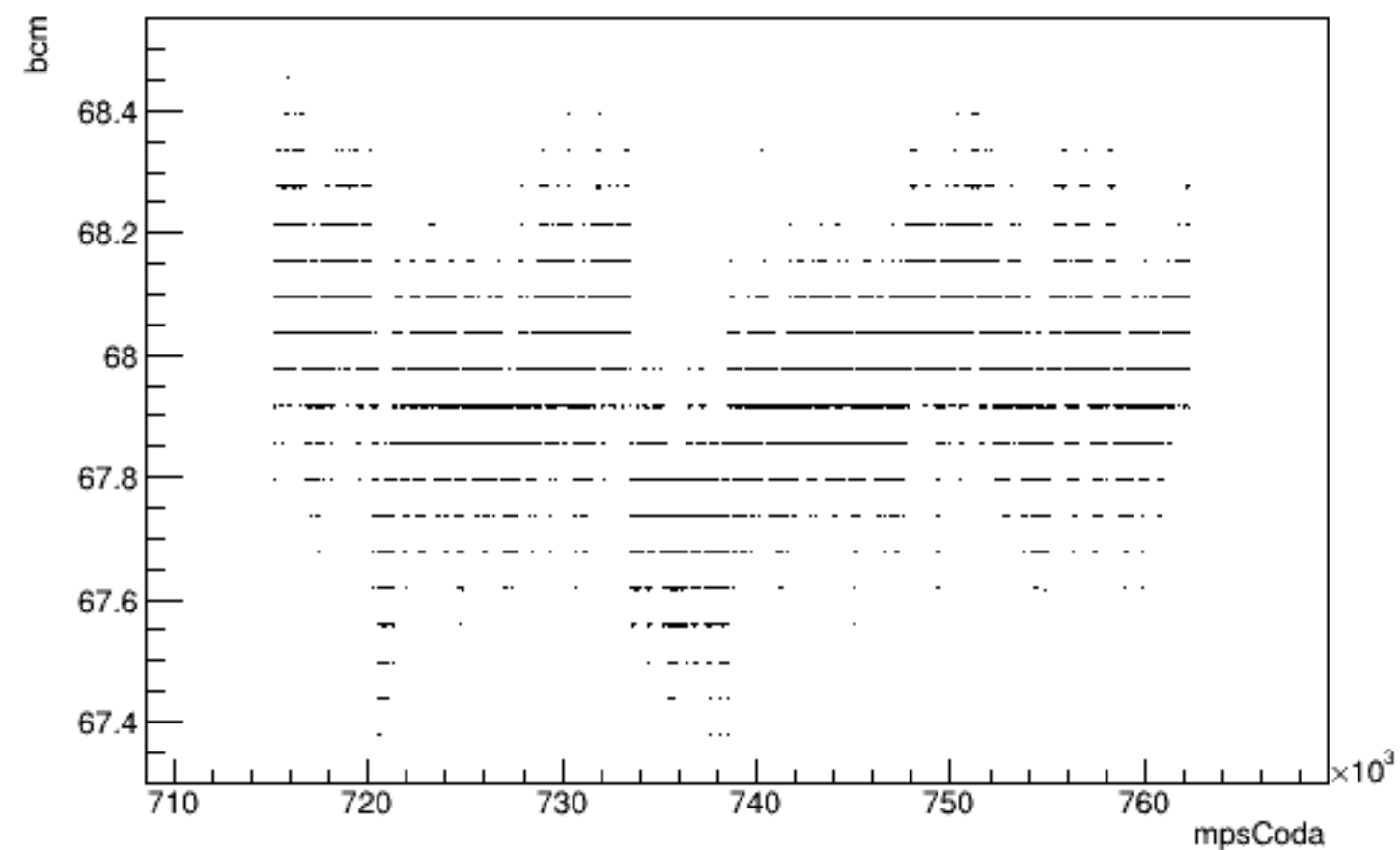
beamState + 1:mpsCoda {mpsCoda>=715132 && mpsCoda<=762291}



cavPowerCalibrated:mpsCoda {mpsCoda>=715132 && mpsCoda<=762291}



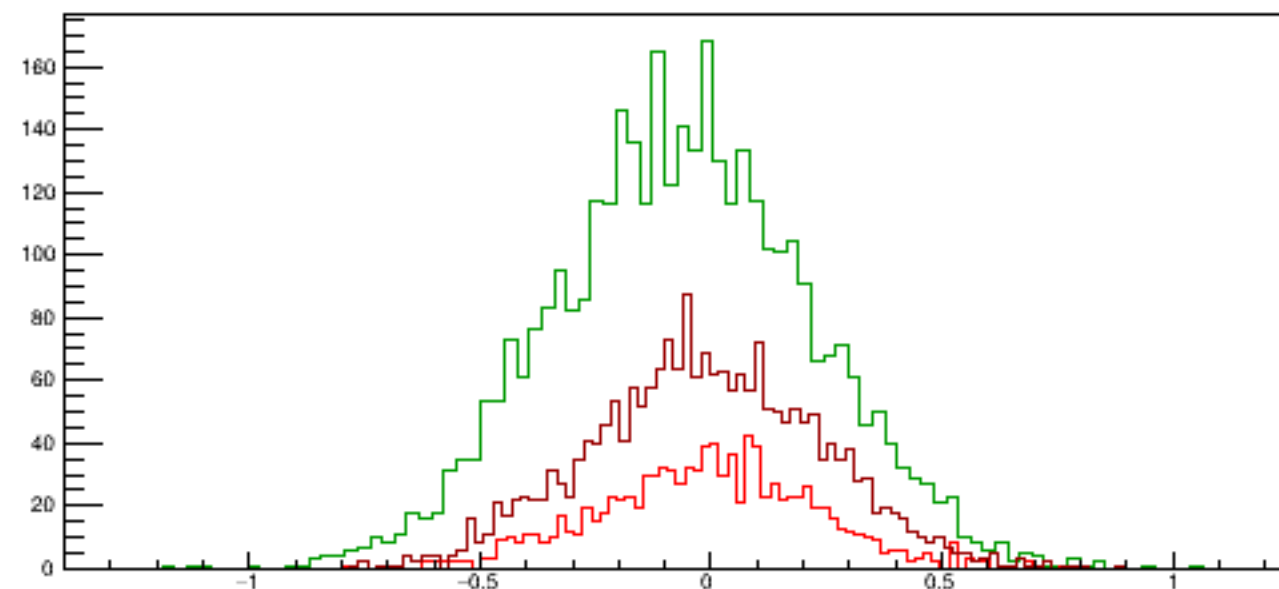
bcm:mpsCoda {mpsCoda>=715132 && mpsCoda<=762291}



Cycle 12, Diffs

Entries: 1026	Entries: 3714	Entries: 2139
Mean: -0.0089 +/- 0.0071	Mean: -0.0630 +/- 0.0046	Mean: -0.0115 +/- 0.0054
Std Dev: 0.2290 +/- 0.0051	Std Dev: 0.2805 +/- 0.0033	Std Dev: 0.2493 +/- 0.0038

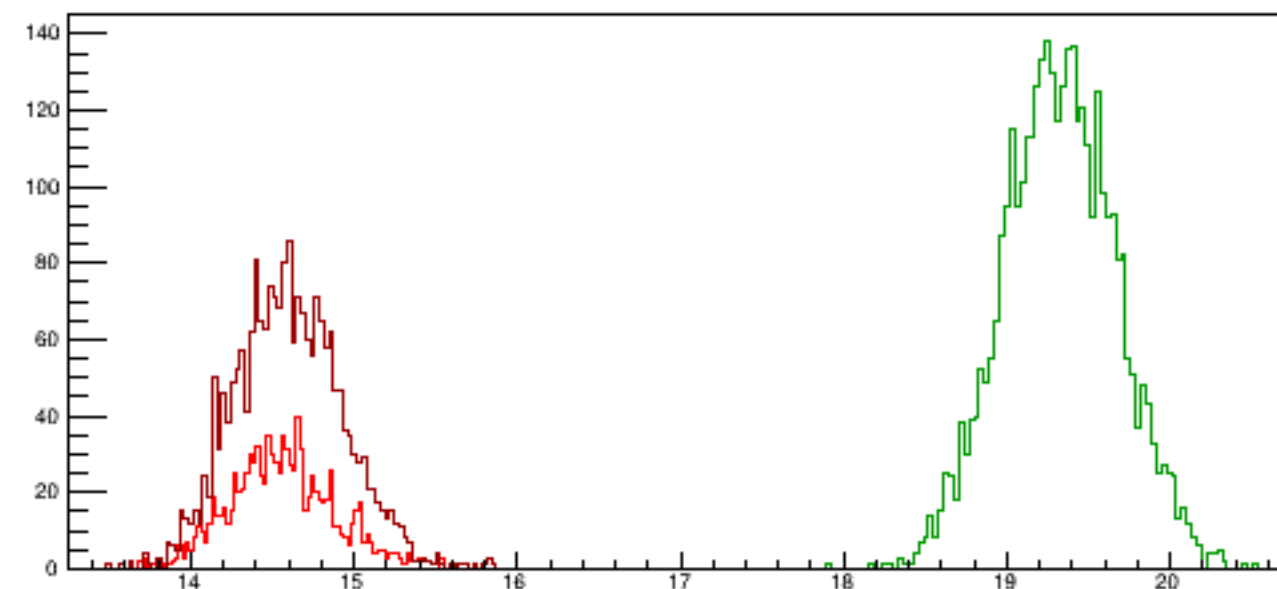
Run 4369 quartetwise, Diffs



Cycle 12, Sums

Entries: 1026	Entries: 3714	Entries: 2139
Mean: 14.5616 +/- 0.0100	Mean: 19.3245 +/- 0.0057	Mean: 14.5999 +/- 0.0071
Std Dev: 0.3198 +/- 0.0071	Std Dev: 0.3449 +/- 0.0040	Std Dev: 0.3294 +/- 0.0050

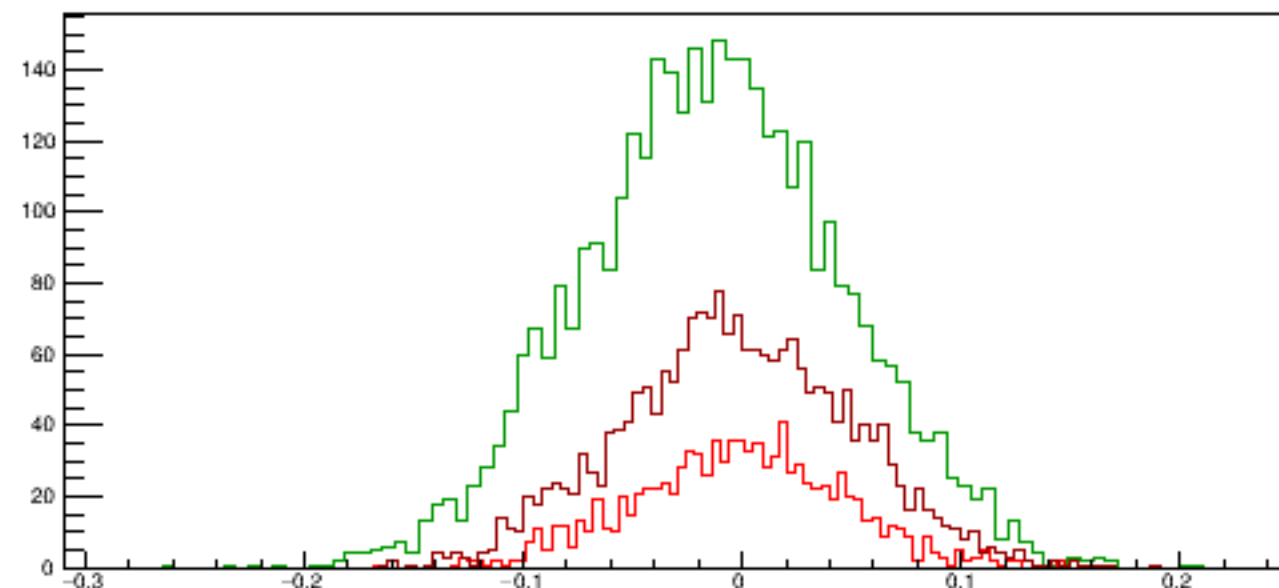
Run 4369 quartetwise, Sums



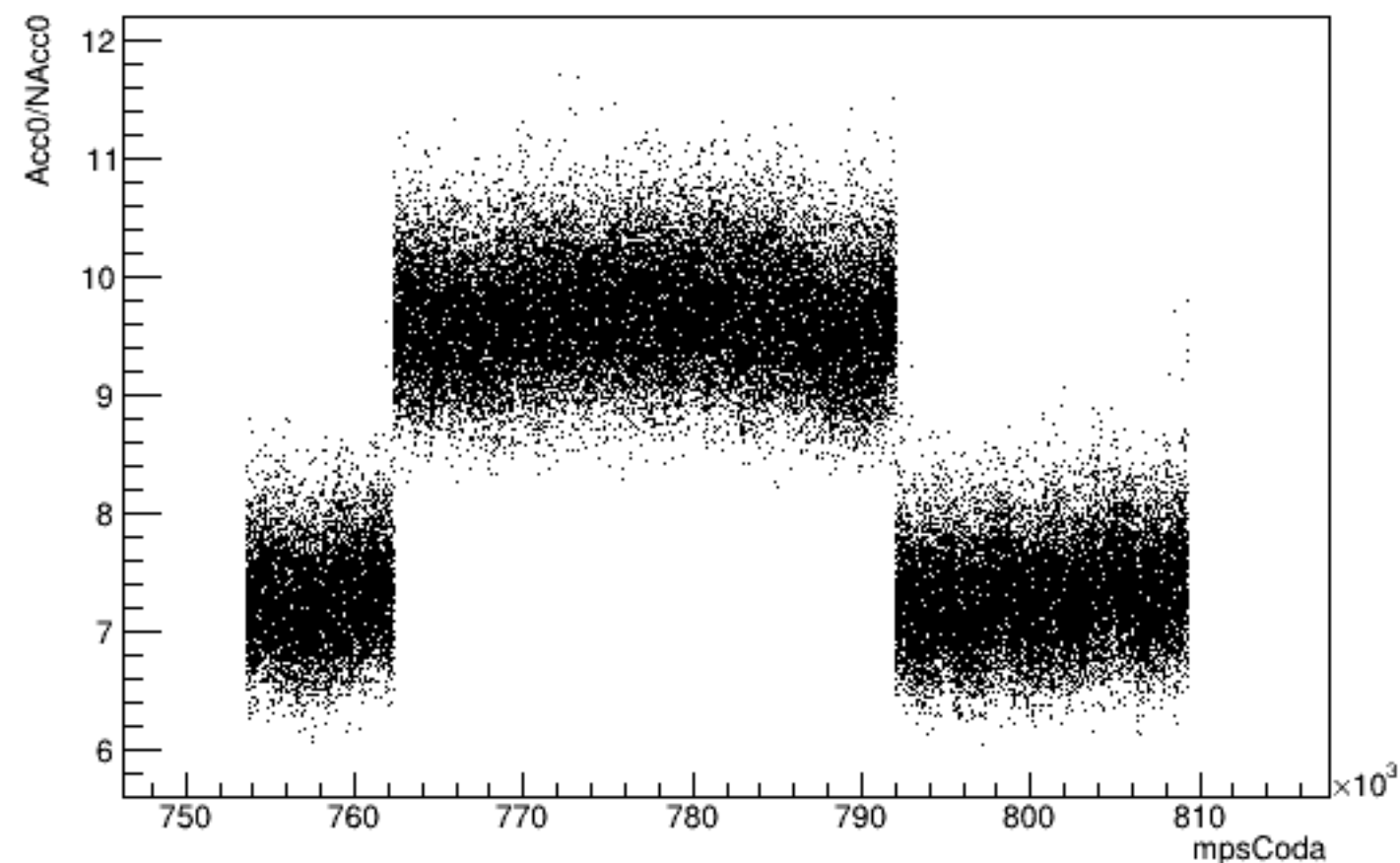
Cycle 12, Asyms

Entries: 1026	Entries: 3714	Entries: 2139
Mean: -0.0019 +/- 0.0015	Mean: -0.0133 +/- 0.0010	Mean: -0.0024 +/- 0.0011
Std Dev: 0.0483 +/- 0.0011	Std Dev: 0.0592 +/- 0.0007	Std Dev: 0.0525 +/- 0.0008

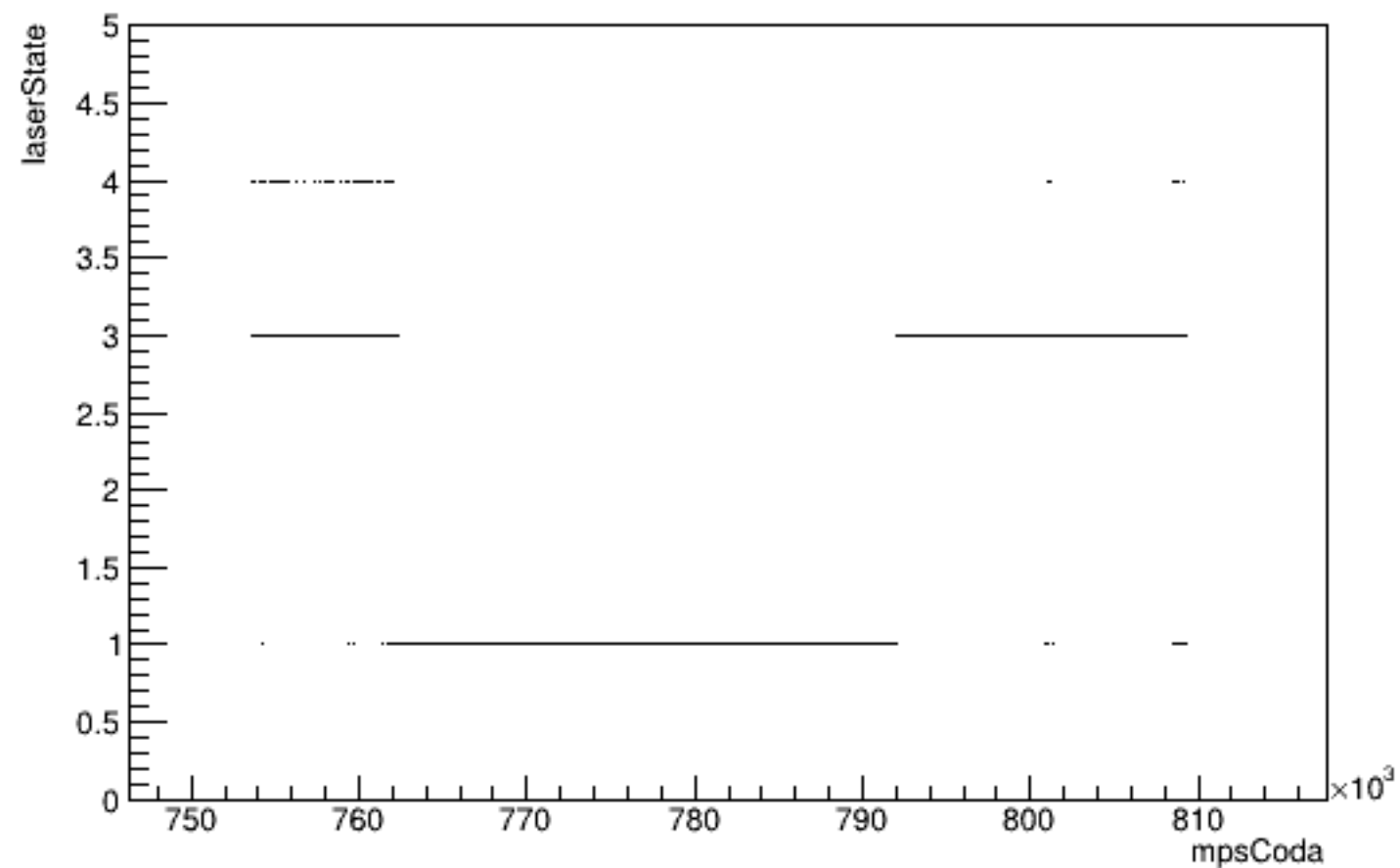
Run 4369 quartetwise, Asyms



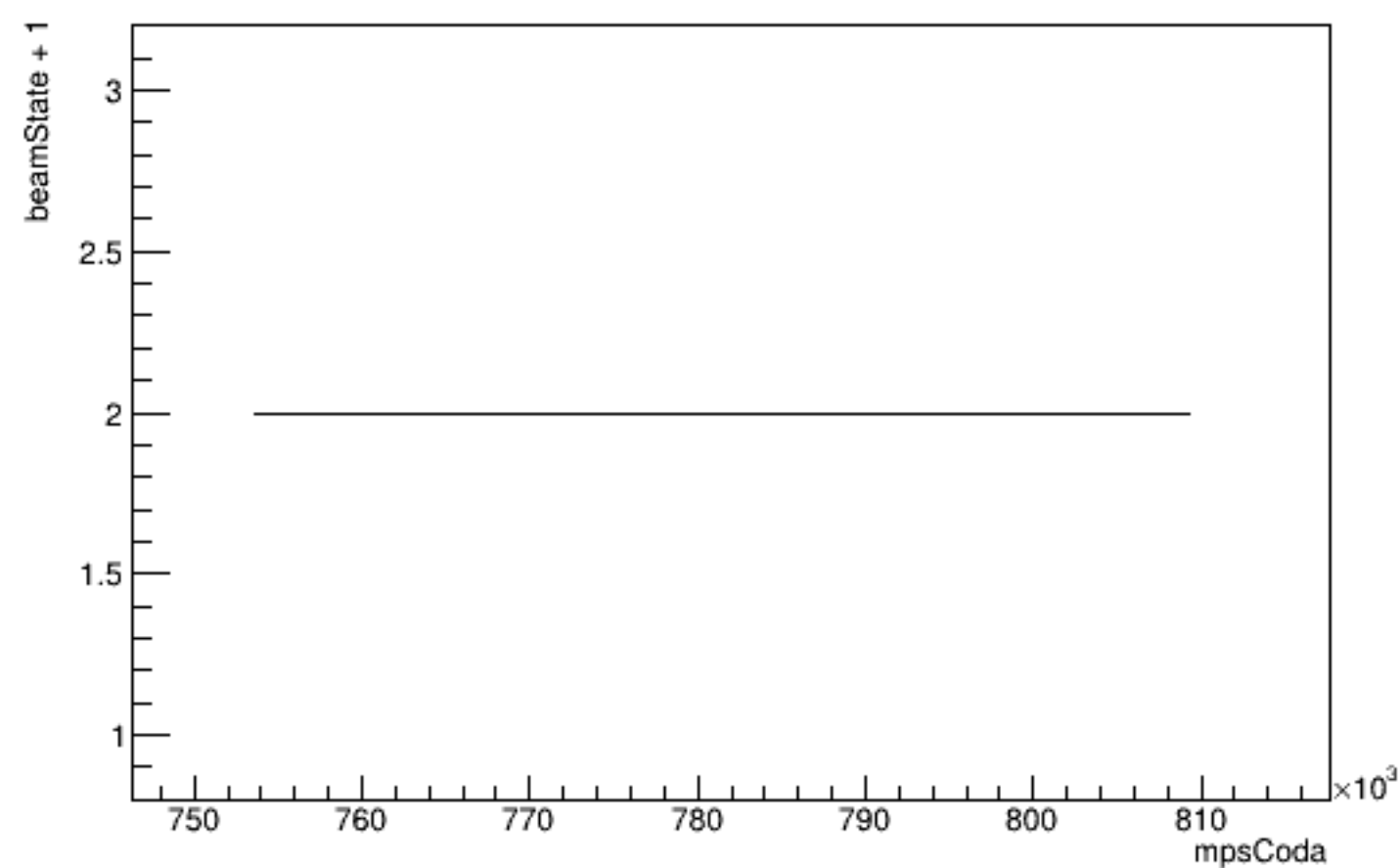
Acc0/NAcc0:mpsCoda (mpsCoda>=753580 && mpsCoda<=809299 && beamState==1)



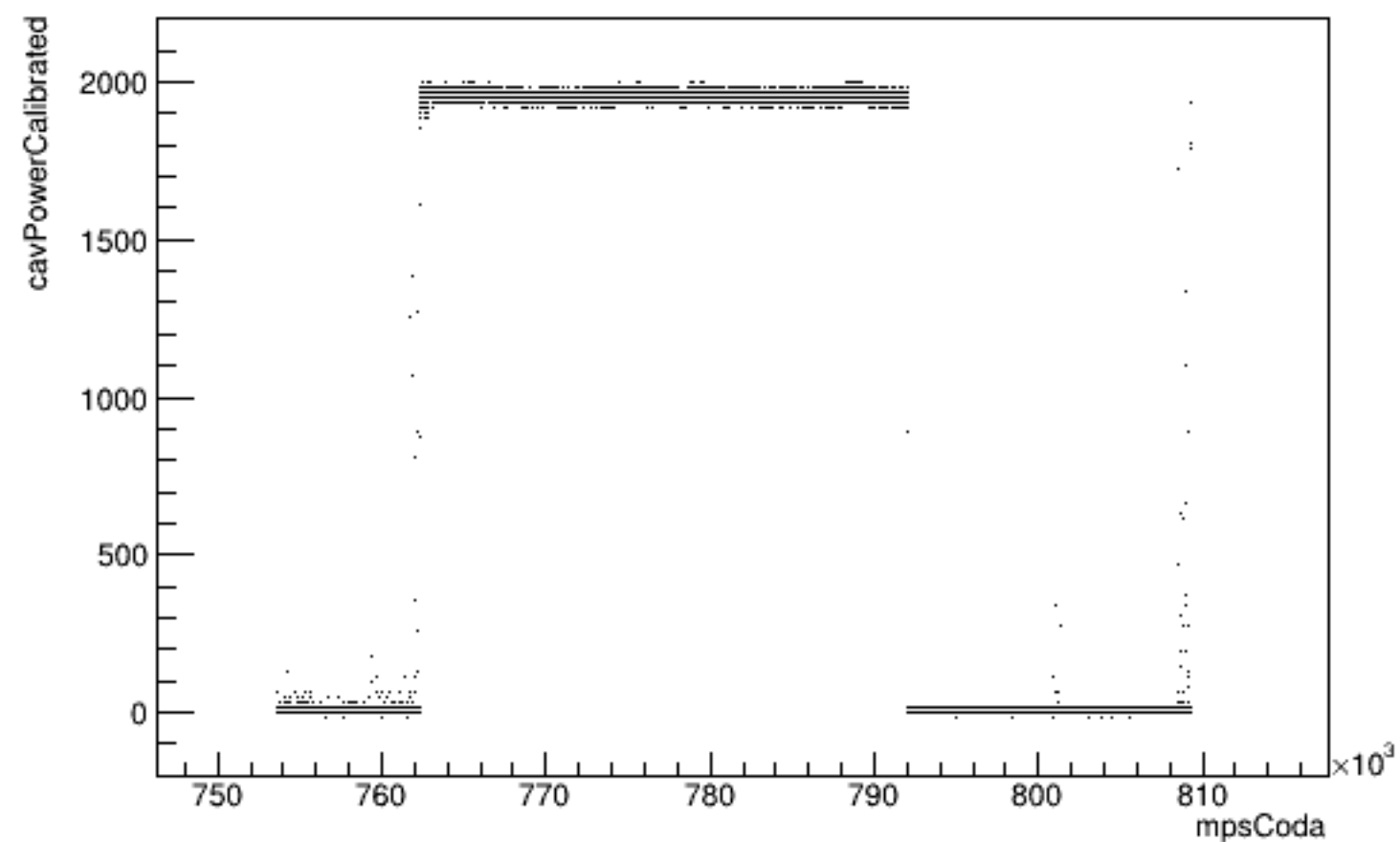
laserState:mpsCoda {mpsCoda>=753580 && mpsCoda<=809299}



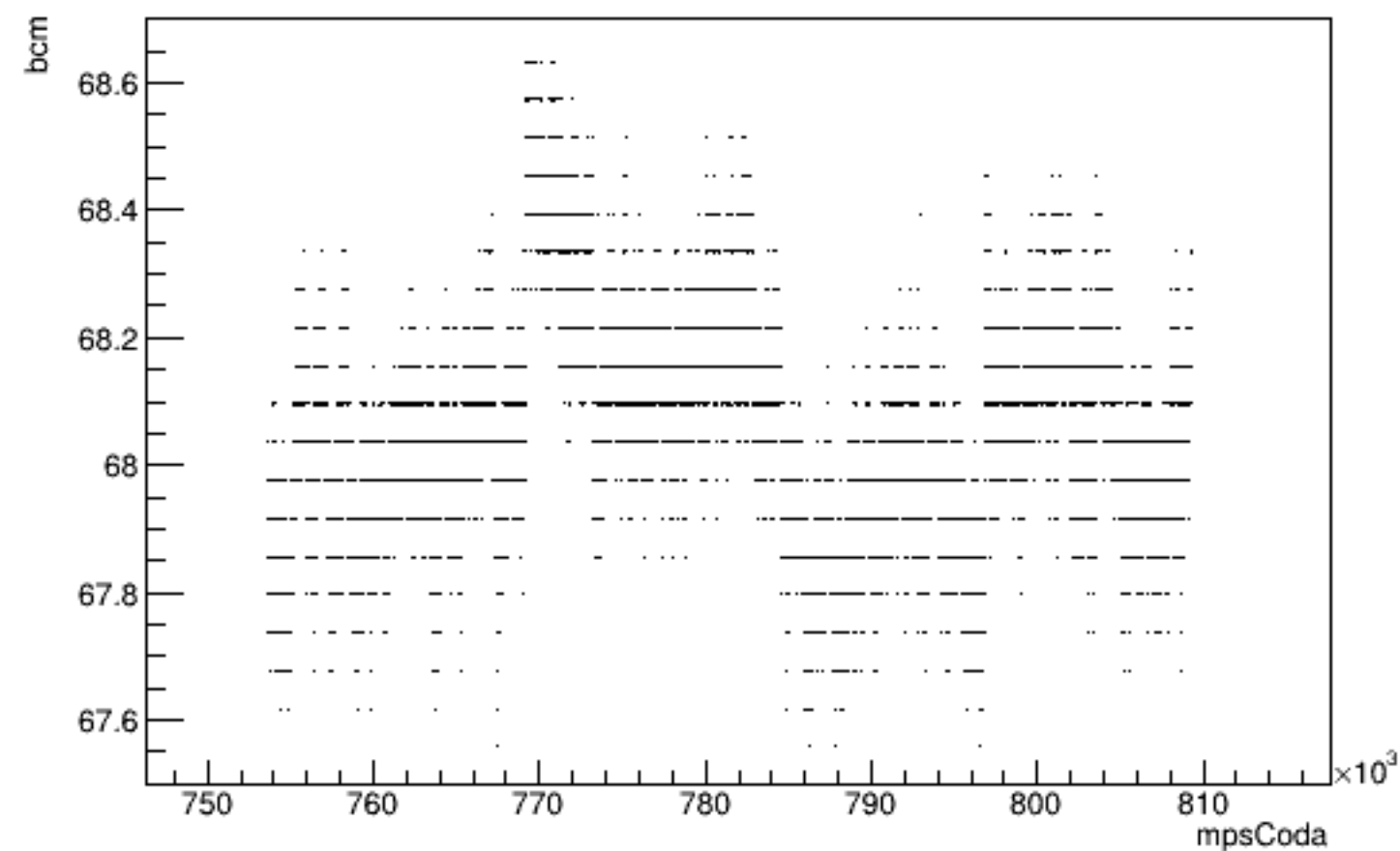
beamState + 1:mpsCoda {mpsCoda>=753580 && mpsCoda<=809299}



cavPowerCalibrated:mpsCoda {mpsCoda>=753580 && mpsCoda<=809299}



bcm:mpsCoda {mpsCoda>=753580 && mpsCoda<=809299}



Cycle 13, Diffs

Entries: 2139

Mean: -0.0115 +/- 0.0054

Std Dev: 0.2493 +/- 0.0038

Entries: 3674

Mean: -0.0689 +/- 0.0048

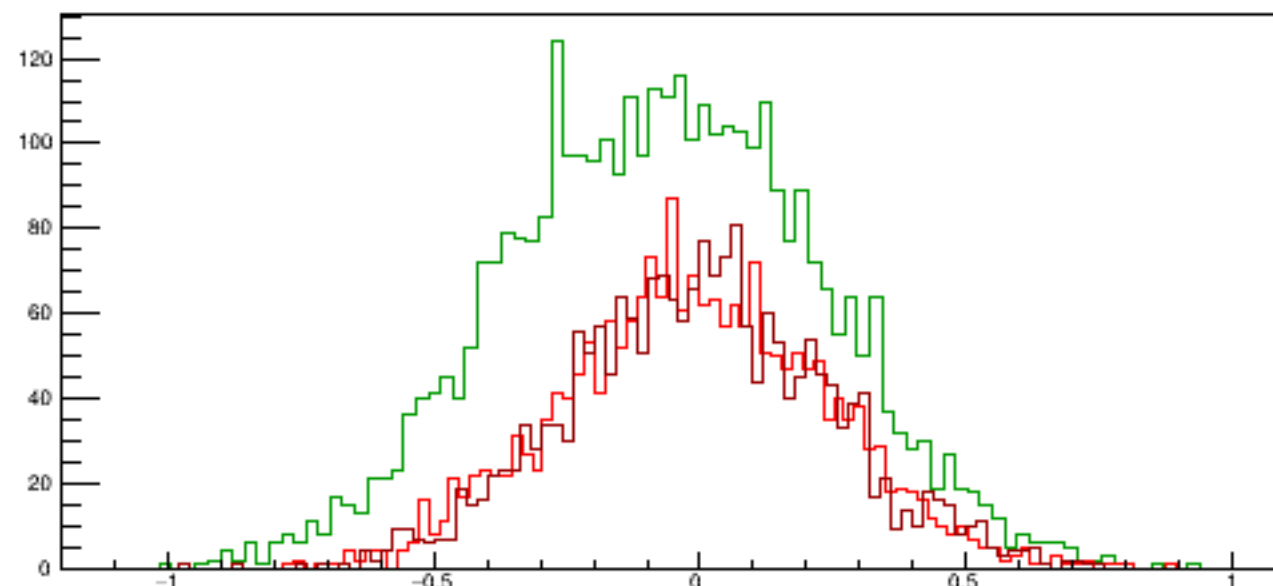
Std Dev: 0.2923 +/- 0.0034

Entries: 2078

Mean: -0.0049 +/- 0.0054

Std Dev: 0.2458 +/- 0.0038

Run 4369 quartetwise, Diffs



Cycle 13, Sums

Entries: 2139

Mean: 14.5999 +/- 0.0071

Std Dev: 0.3294 +/- 0.0050

Entries: 3674

Mean: 19.3580 +/- 0.0058

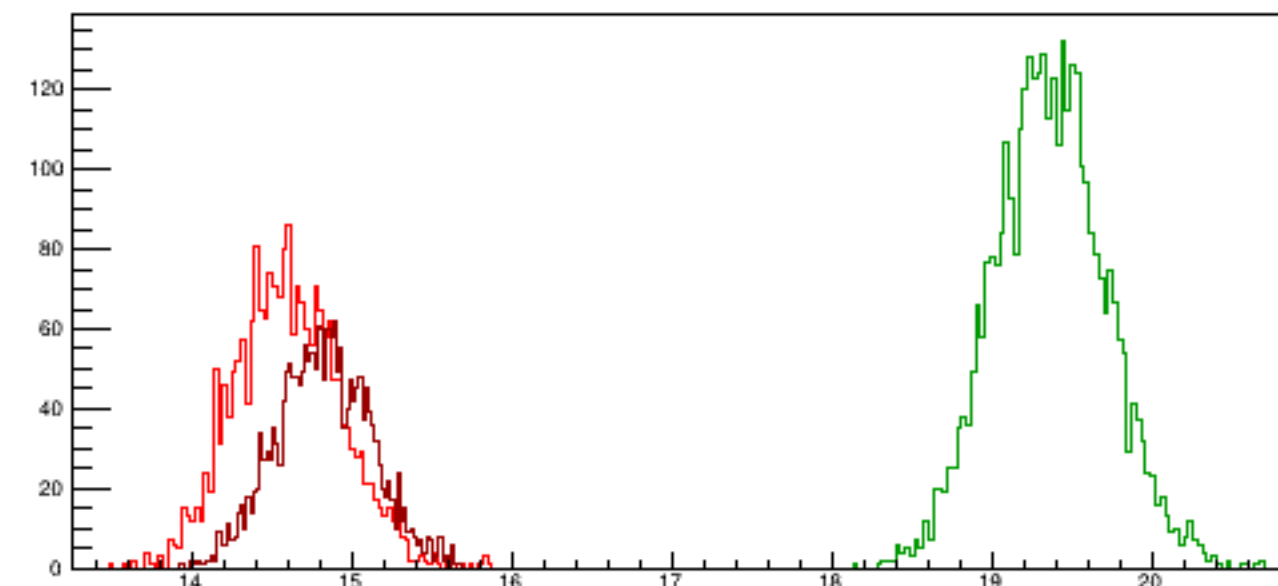
Std Dev: 0.3514 +/- 0.0041

Entries: 2078

Mean: 14.8196 +/- 0.0065

Std Dev: 0.2954 +/- 0.0046

Run 4369 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=792012 && mpsCoda<=855675 && beamState==1)

Cycle 13, Asyms

Entries: 2139

Mean: -0.0025 +/- 0.0012

Std Dev: 0.0536 +/- 0.0008

Entries: 3674

Mean: -0.0148 +/- 0.0010

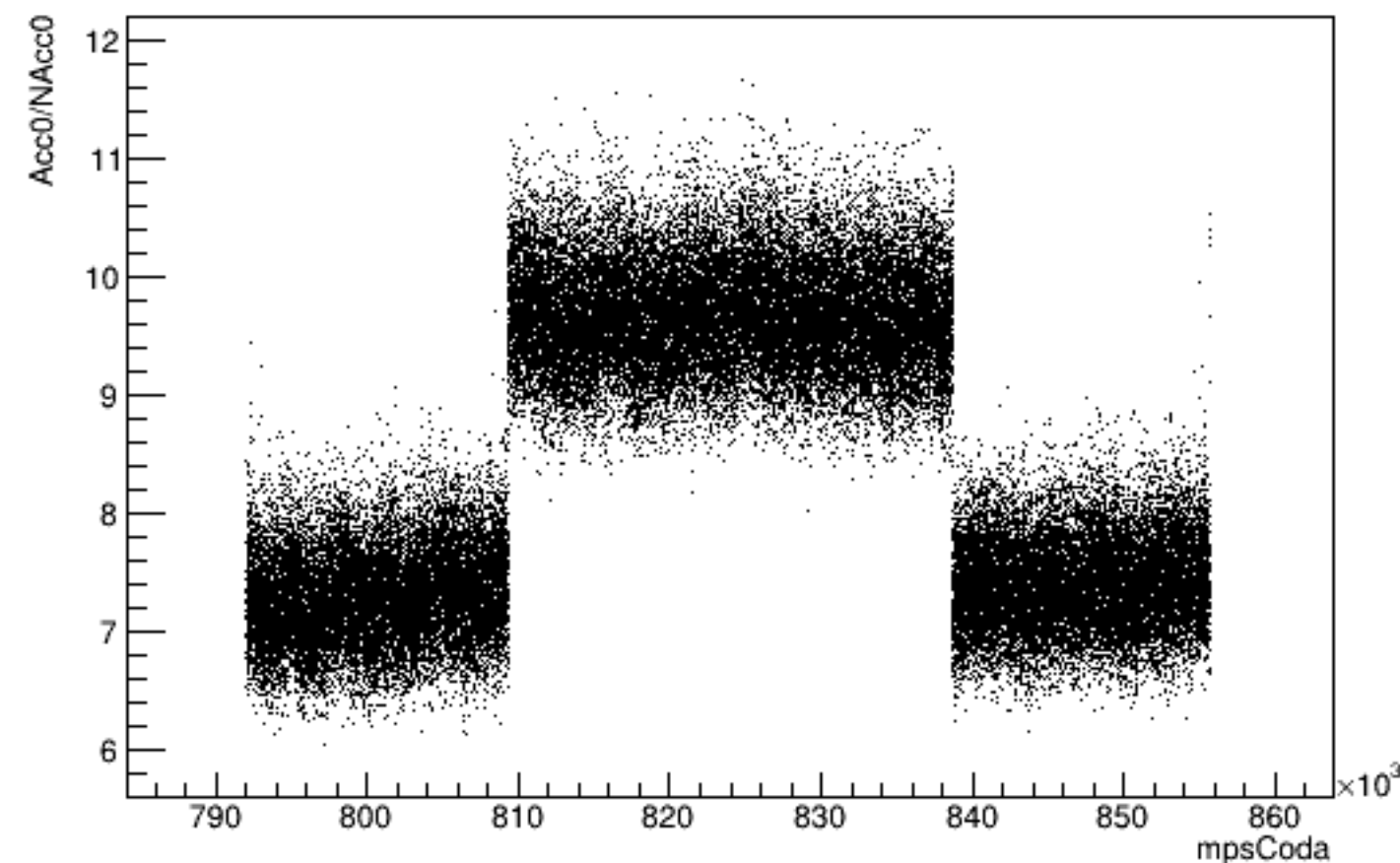
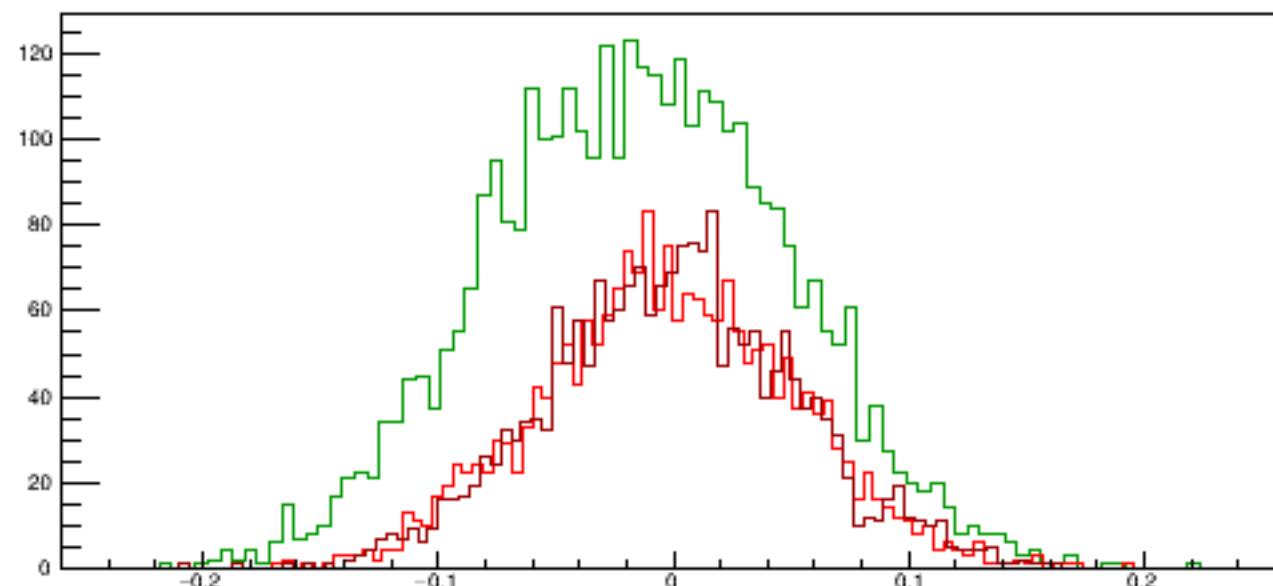
Std Dev: 0.0630 +/- 0.0007

Entries: 2078

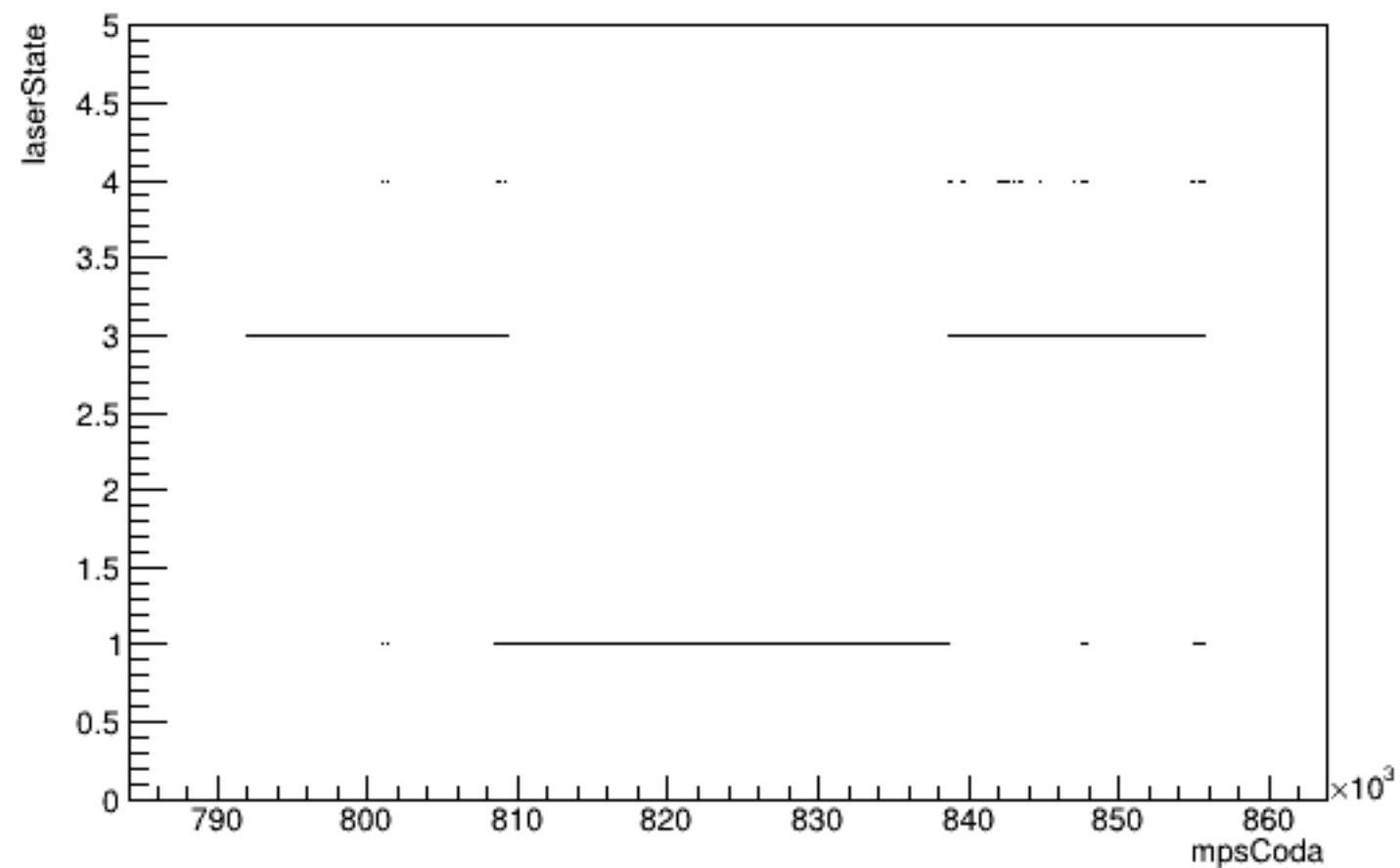
Mean: -0.0010 +/- 0.0012

Std Dev: 0.0529 +/- 0.0008

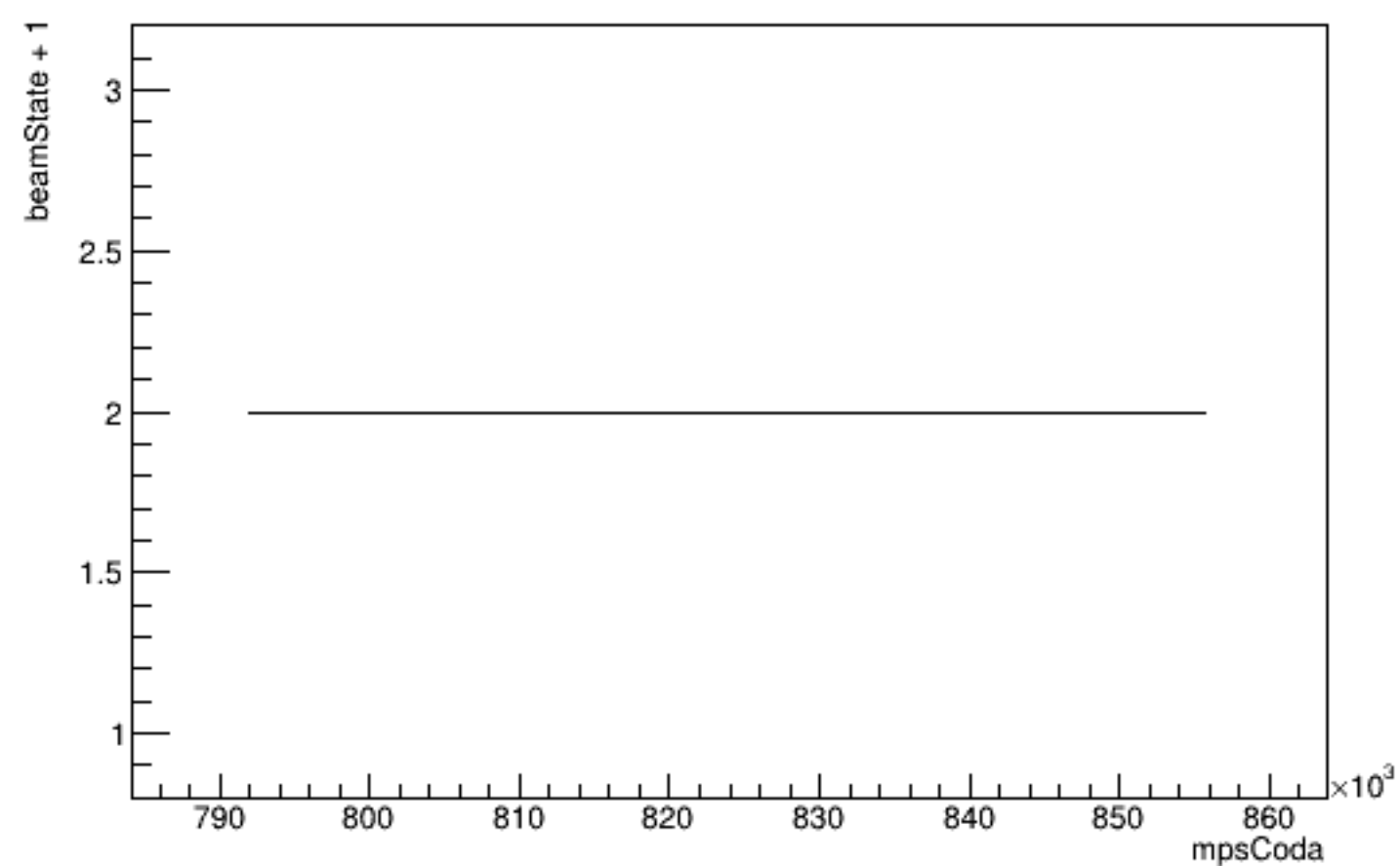
Run 4369 quartetwise, Asyms



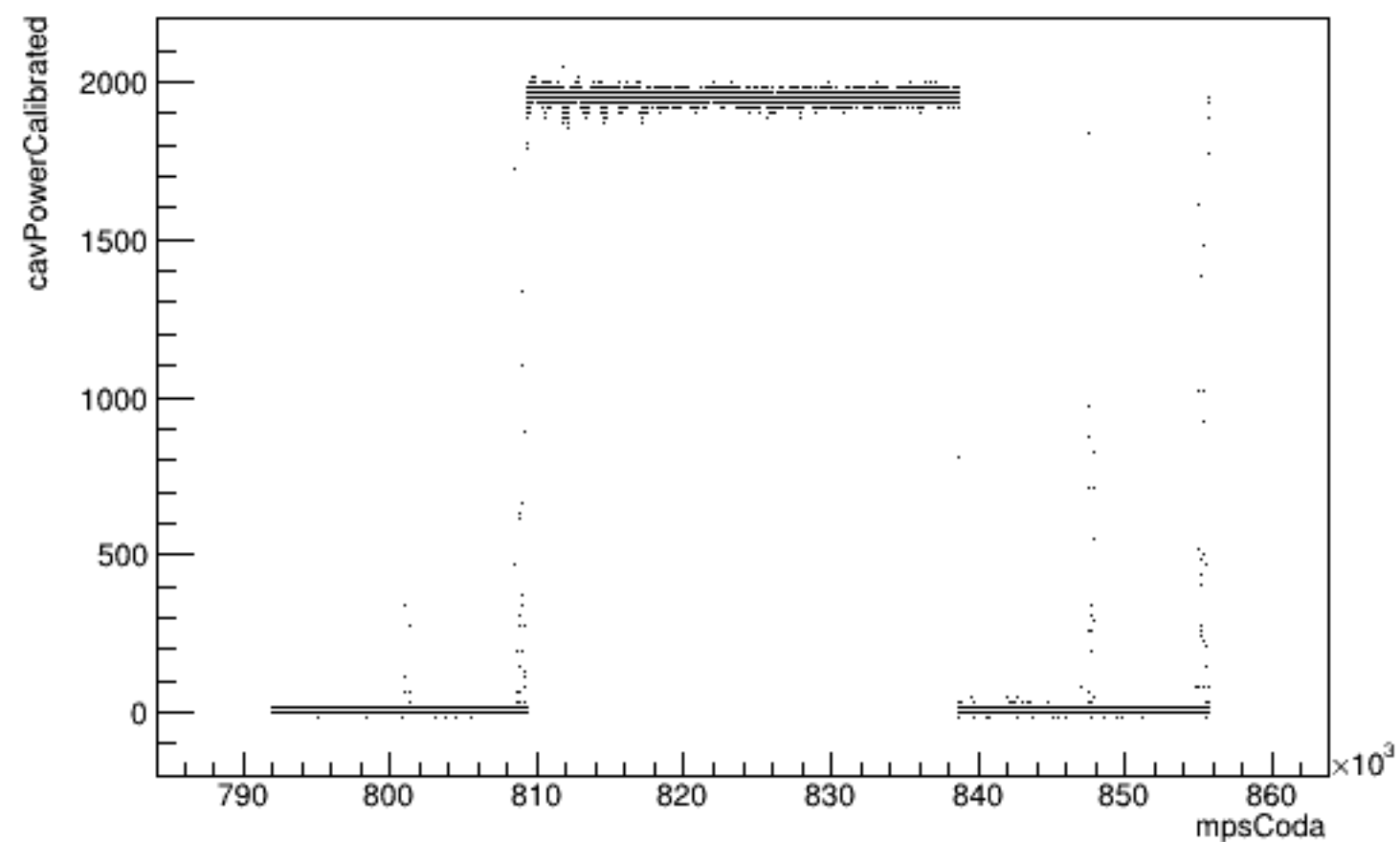
laserState:mpsCoda {mpsCoda>=792012 && mpsCoda<=855675}



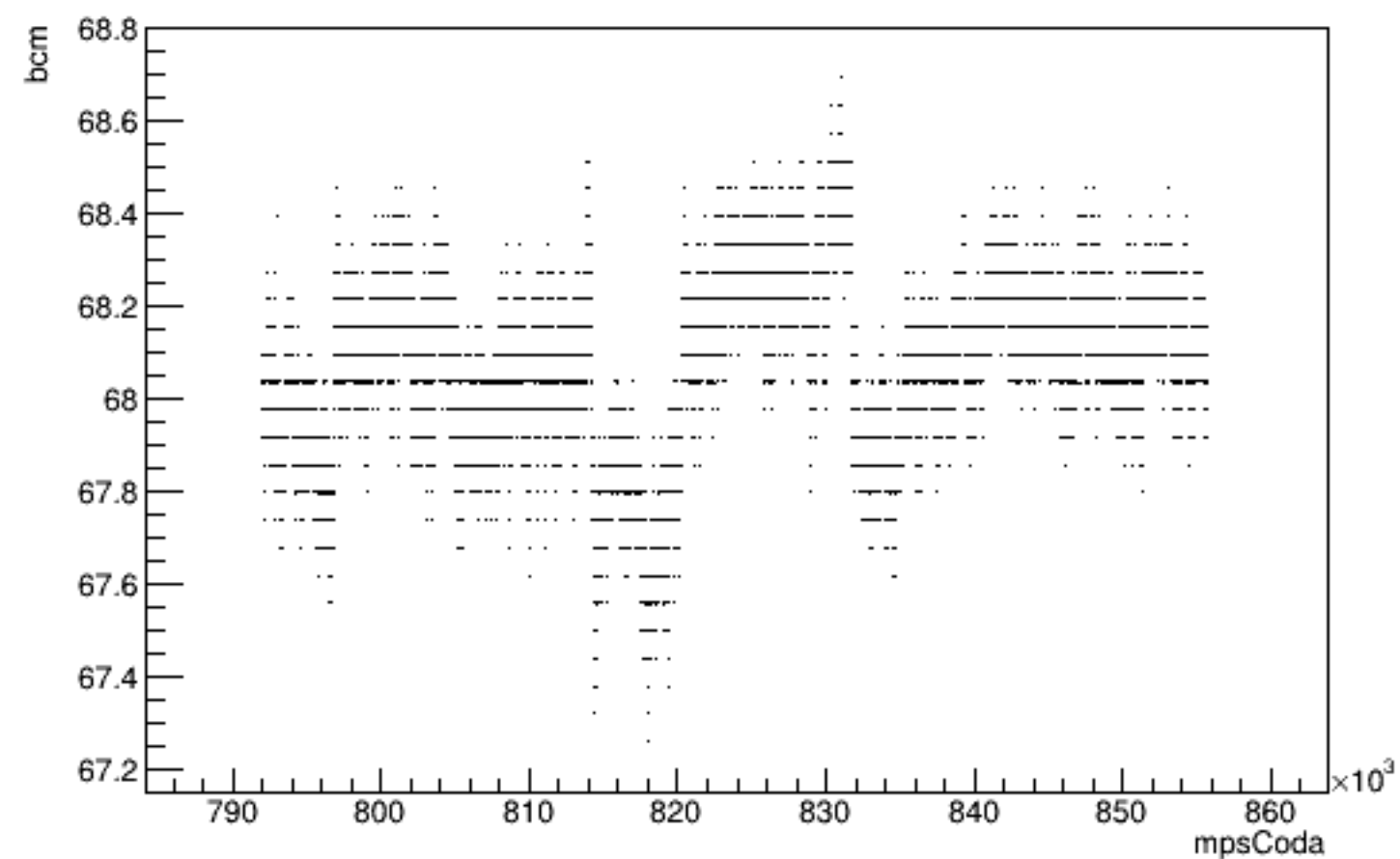
beamState + 1:mpsCoda {mpsCoda>=792012 && mpsCoda<=855675}



cavPowerCalibrated:mpsCoda {mpsCoda>=792012 && mpsCoda<=855675}



bcm:mpsCoda {mpsCoda>=792012 && mpsCoda<=855675}



Cycle 14, Diffs

Entries: 2078

Mean: -0.0049 +/- 0.0054

Std Dev: 0.2458 +/- 0.0038

Entries: 3713

Mean: -0.0685 +/- 0.0048

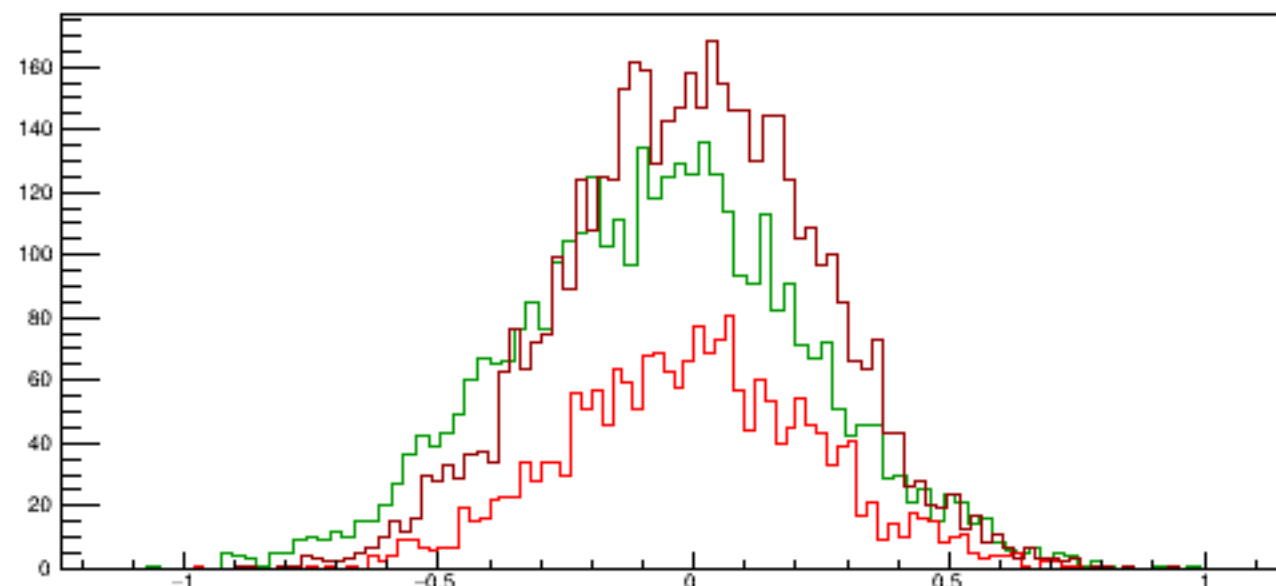
Std Dev: 0.2898 +/- 0.0034

Entries: 4666

Mean: -0.0065 +/- 0.0037

Std Dev: 0.2513 +/- 0.0026

Run 4369 quartetwise, Diffs



Cycle 14, Sums

Entries: 2078

Mean: 14.8196 +/- 0.0065

Std Dev: 0.2954 +/- 0.0046

Entries: 3713

Mean: 19.3404 +/- 0.0063

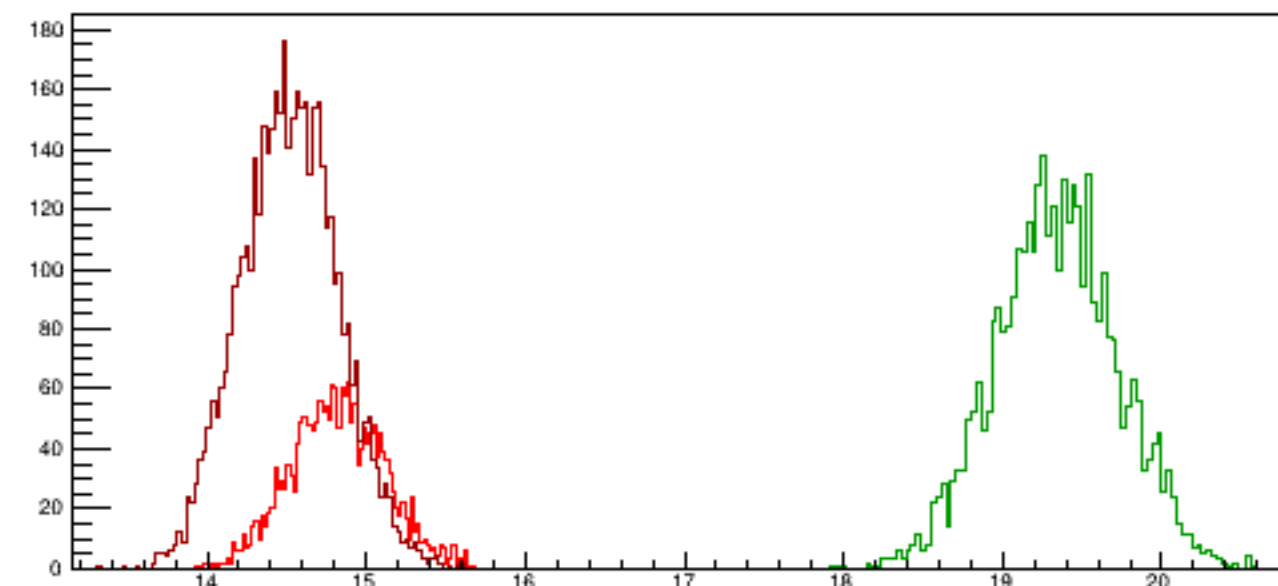
Std Dev: 0.3834 +/- 0.0044

Entries: 4666

Mean: 14.5205 +/- 0.0045

Std Dev: 0.3067 +/- 0.0032

Run 4369 quartetwise, Sums



Cycle 14, Asyms

Entries: 2078

Mean: -0.0010 +/- 0.0012

Std Dev: 0.0526 +/- 0.0008

Entries: 3713

Mean: -0.0148 +/- 0.0010

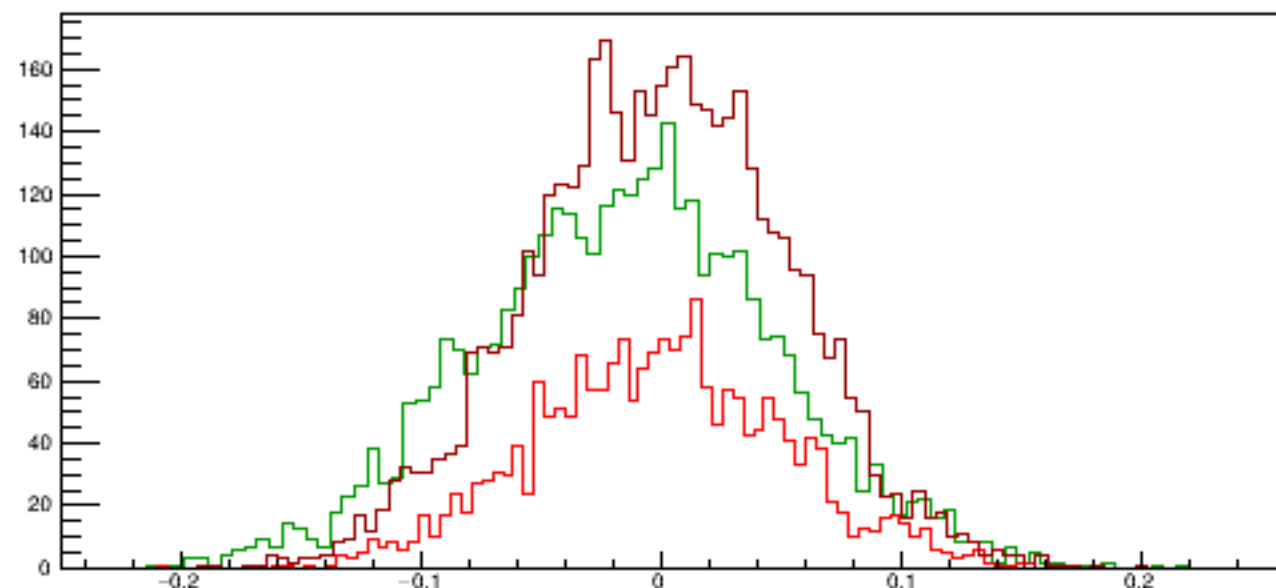
Std Dev: 0.0622 +/- 0.0007

Entries: 4666

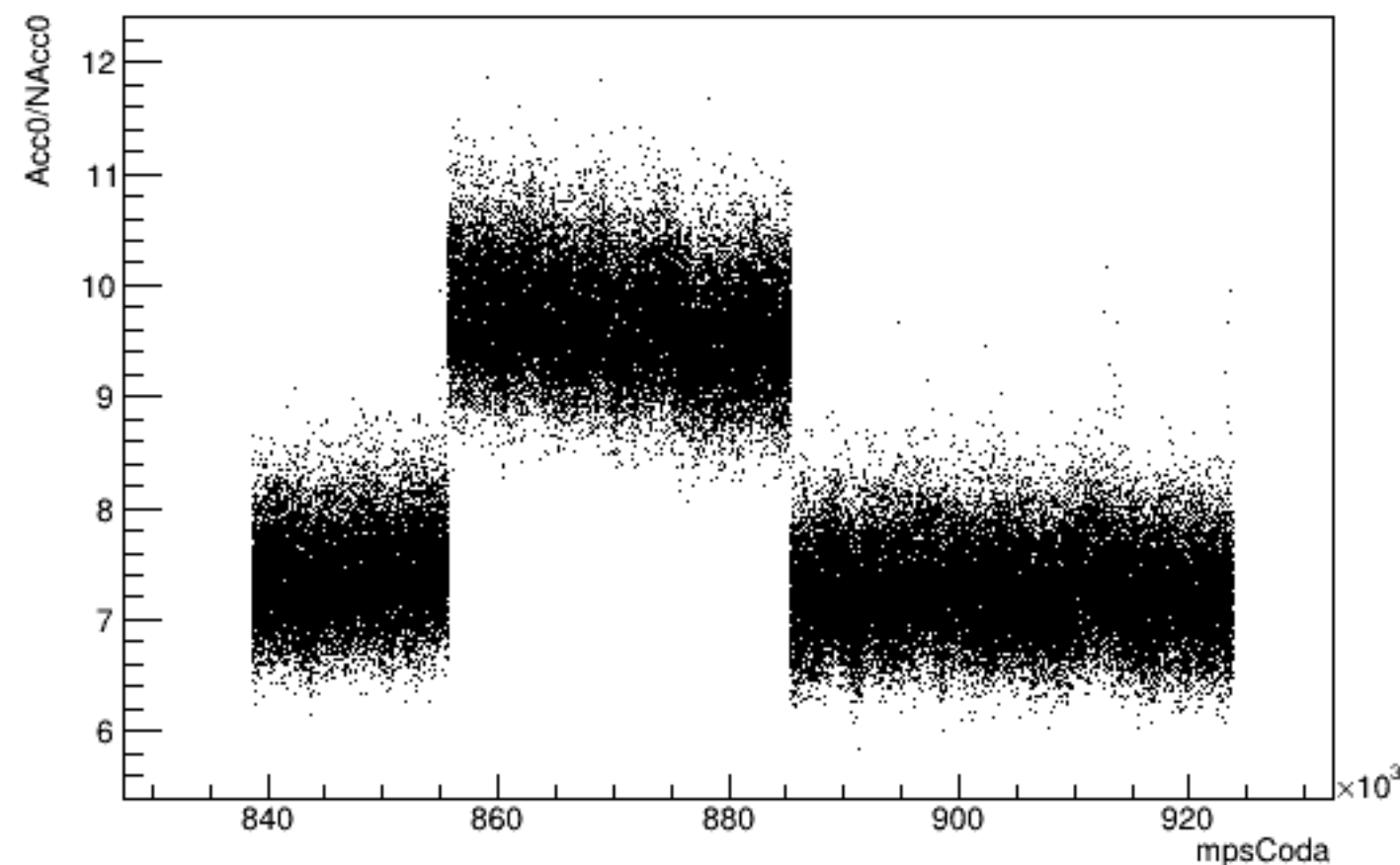
Mean: -0.0014 +/- 0.0008

Std Dev: 0.0538 +/- 0.0006

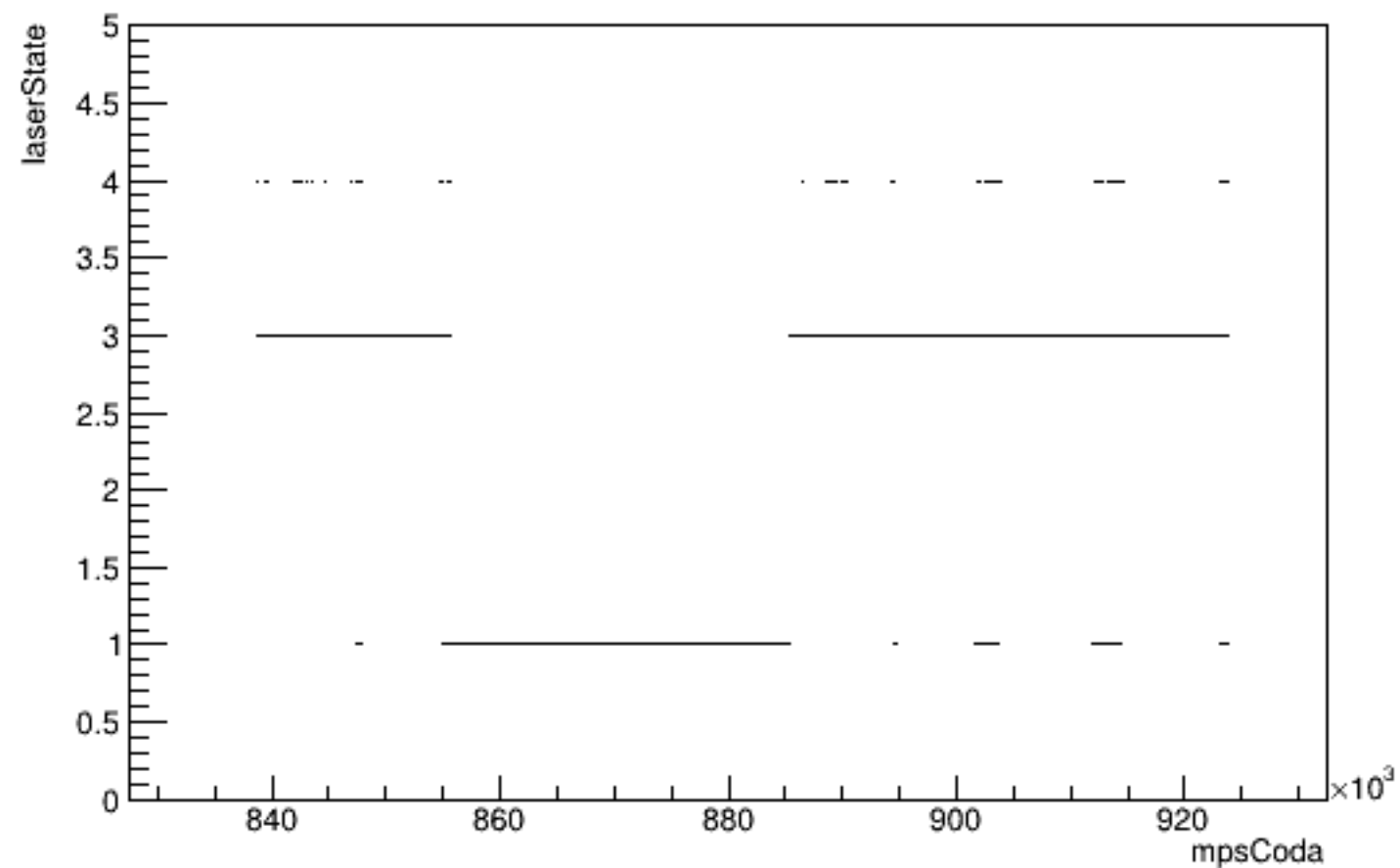
Run 4369 quartetwise, Asyms



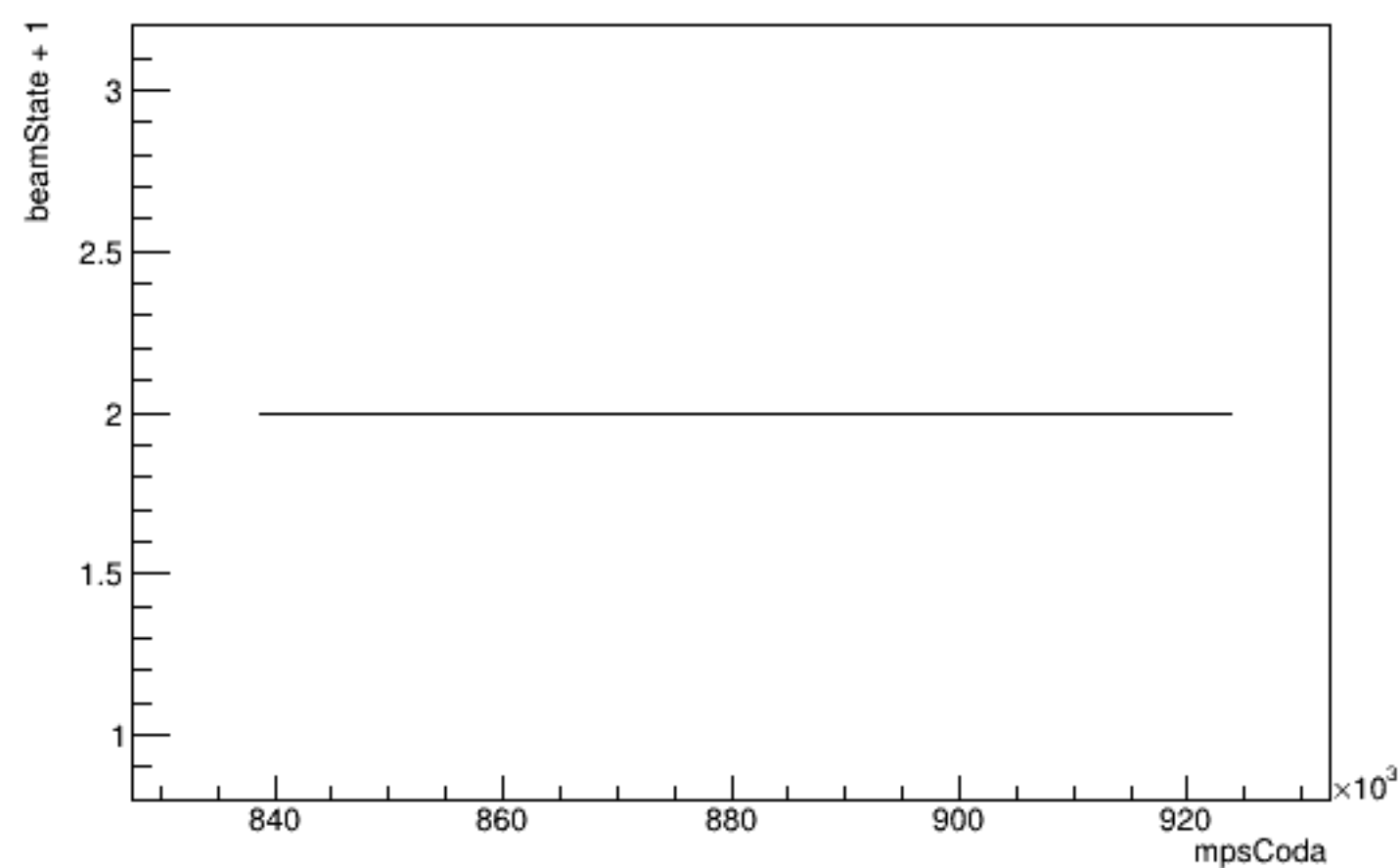
Acc0/NAcc0:mpsCoda (mpsCoda>=838700 && mpsCoda<=923731 && beamState==1)



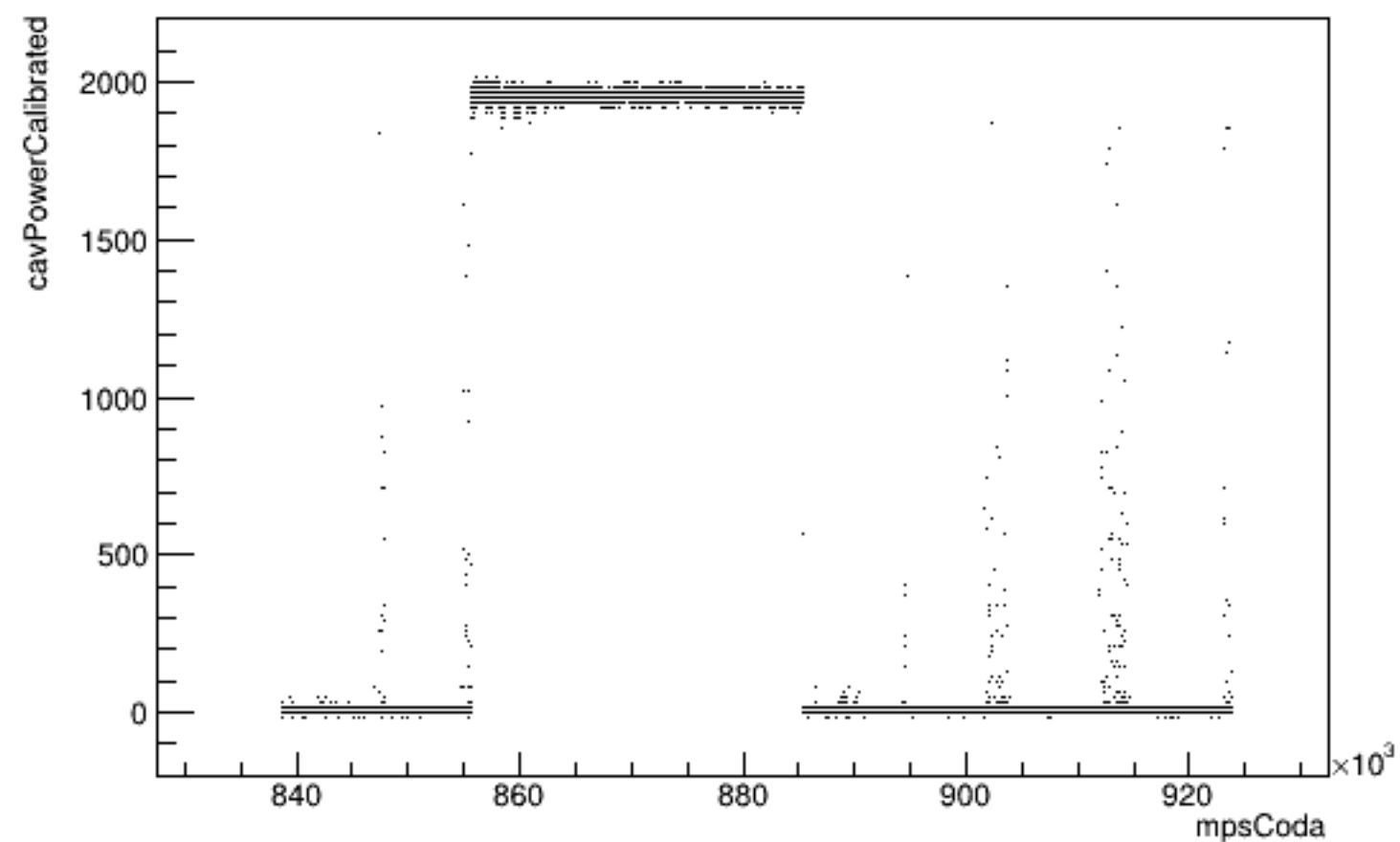
laserState:mpsCoda {mpsCoda>=838700 && mpsCoda<=923731}



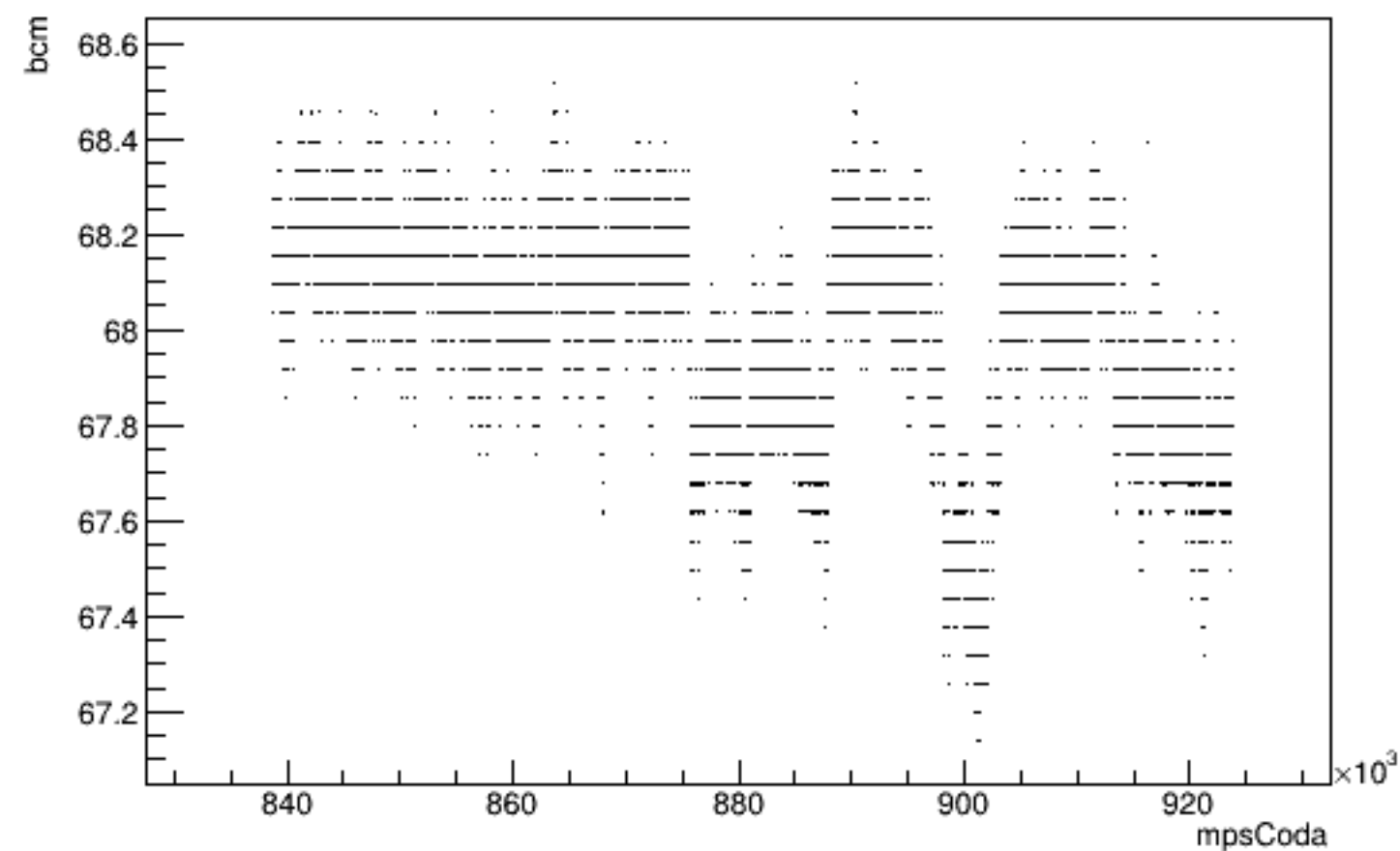
beamState + 1:mpsCoda {mpsCoda>=838700 && mpsCoda<=923731}



cavPowerCalibrated:mpsCoda {mpsCoda>=838700 && mpsCoda<=923731}



bcm:mpsCoda {mpsCoda>=838700 && mpsCoda<=923731}



Cycle 15, Diffs

Entries: 4666

Mean: -0.0065 +/- 0.0037

Std Dev: 0.2513 +/- 0.0026

Entries: 3700

Mean: -0.0669 +/- 0.0049

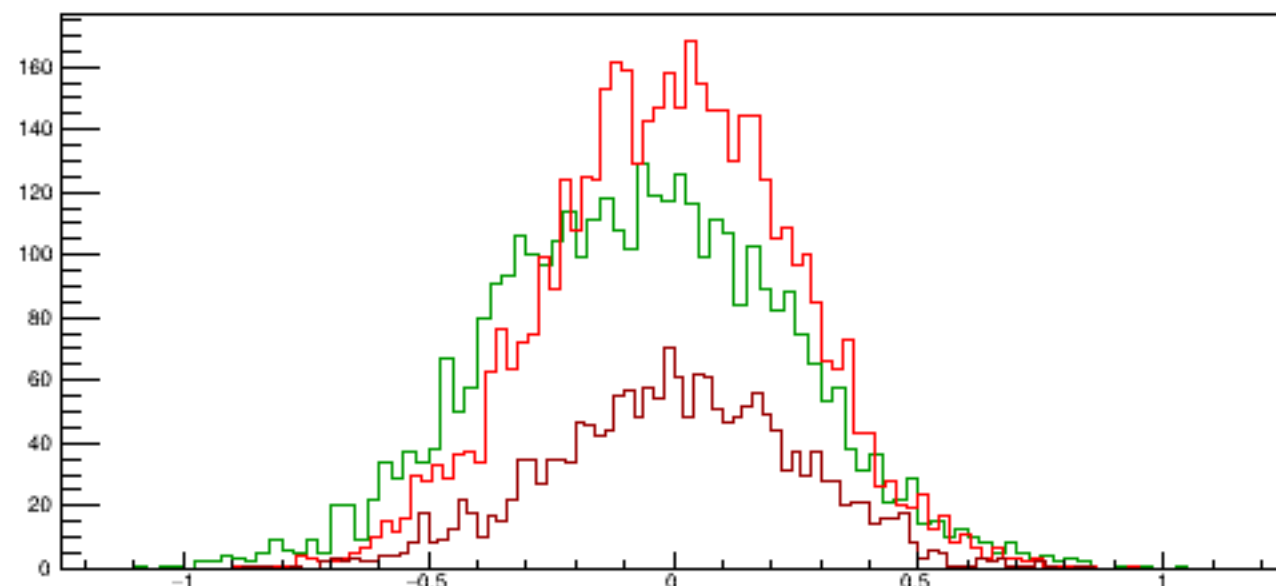
Std Dev: 0.2999 +/- 0.0035

Entries: 1850

Mean: 0.0015 +/- 0.0060

Std Dev: 0.2562 +/- 0.0042

Run 4369 quartetwise, Diffs



Cycle 15, Sums

Entries: 4666

Mean: 14.5205 +/- 0.0045

Std Dev: 0.3067 +/- 0.0032

Entries: 3700

Mean: 19.3602 +/- 0.0056

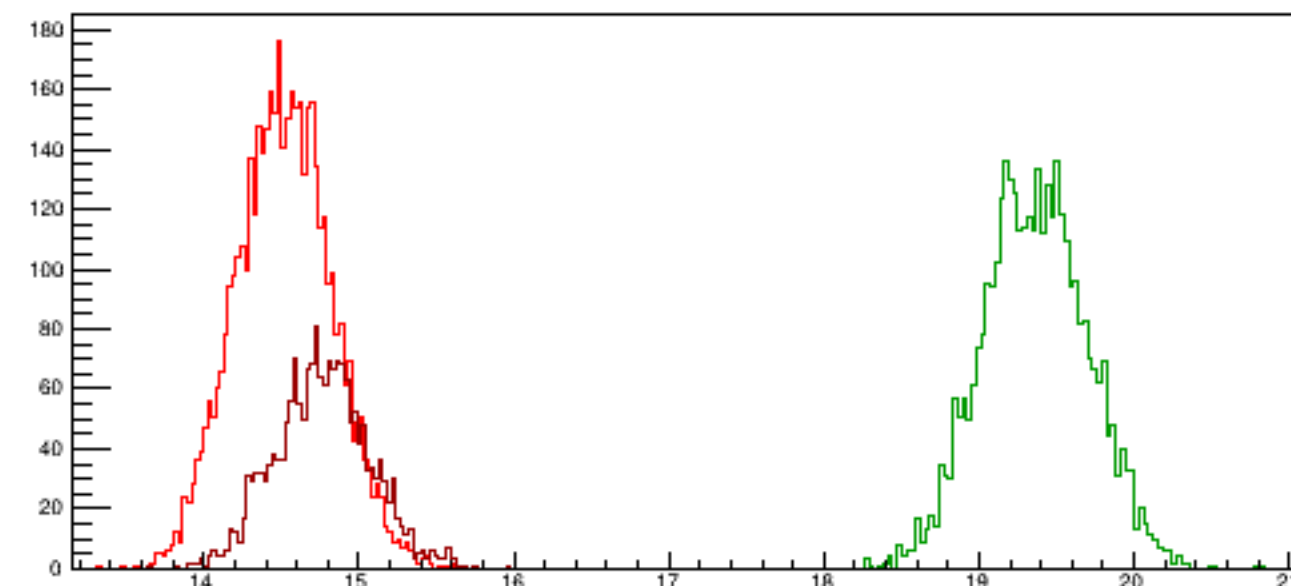
Std Dev: 0.3389 +/- 0.0039

Entries: 1850

Mean: 14.7638 +/- 0.0071

Std Dev: 0.3036 +/- 0.0050

Run 4369 quartetwise, Sums



Cycle 15, Asyms

Entries: 4666

Mean: -0.0014 +/- 0.0008

Std Dev: 0.0533 +/- 0.0006

Entries: 3700

Mean: -0.0143 +/- 0.0010

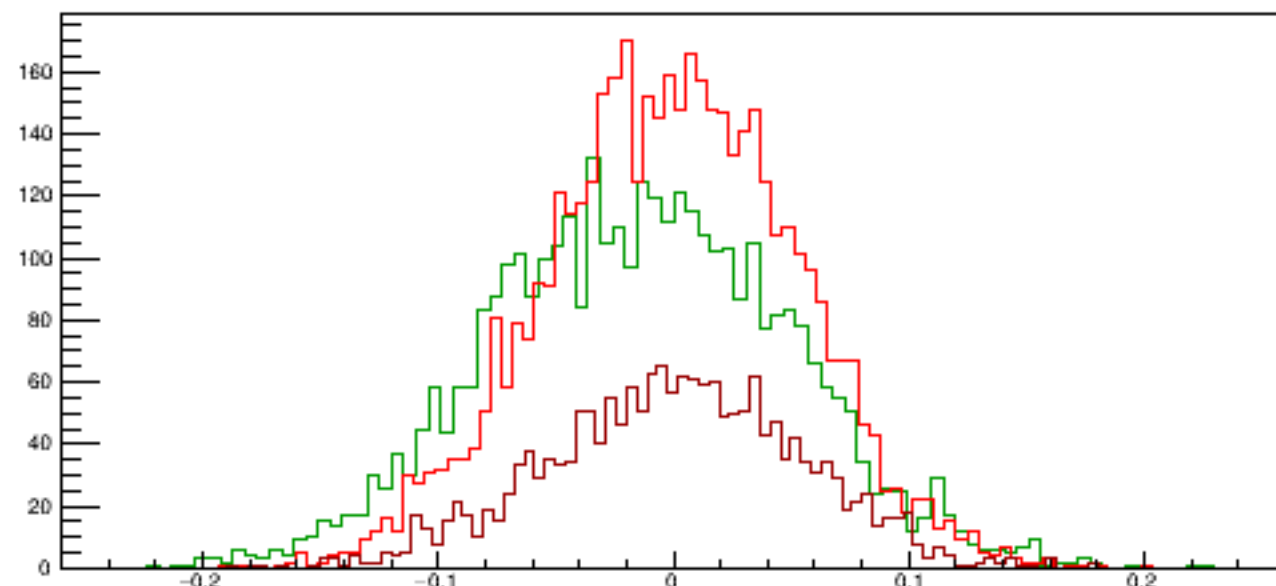
Std Dev: 0.0637 +/- 0.0007

Entries: 1850

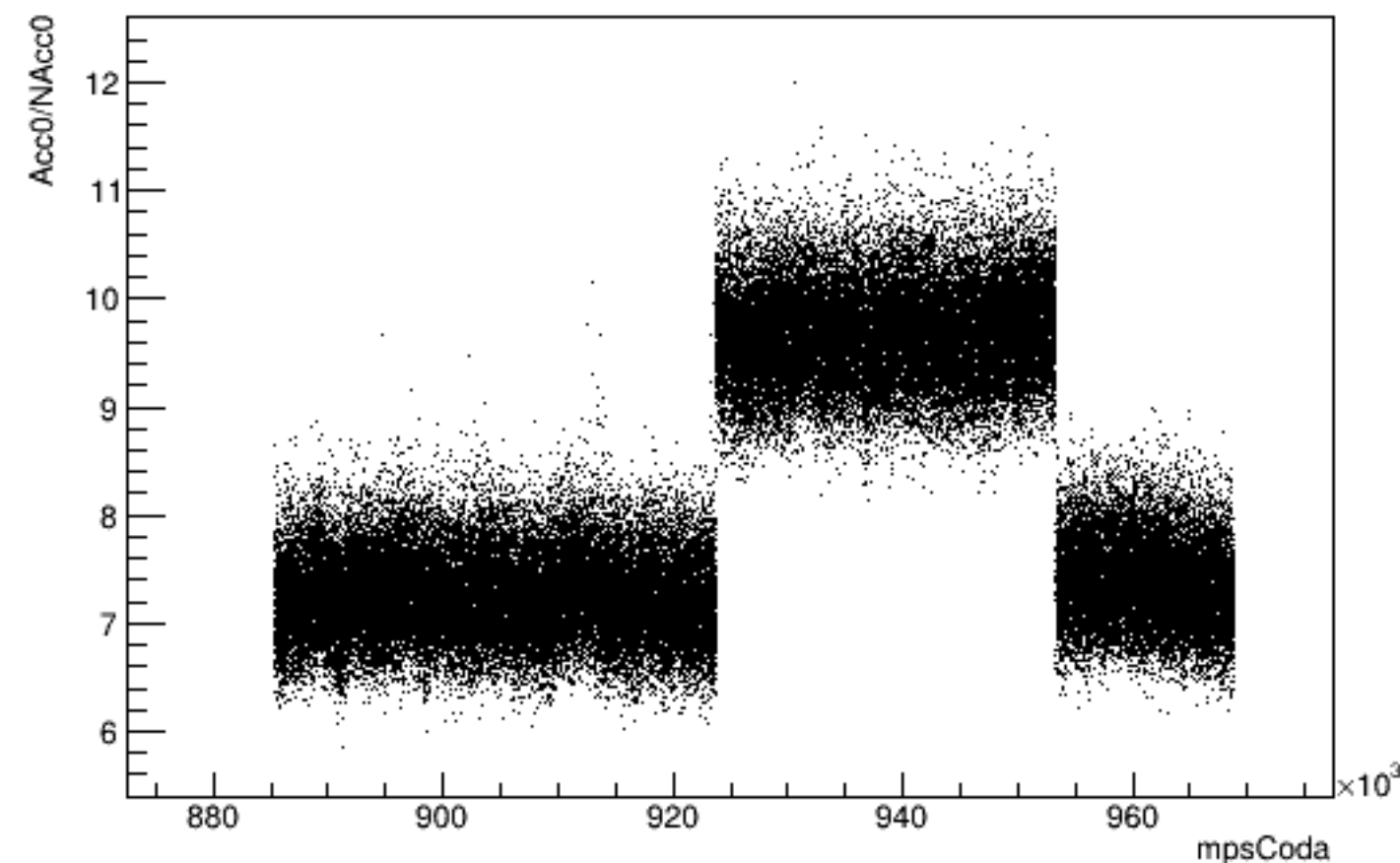
Mean: 0.0003 +/- 0.0013

Std Dev: 0.0543 +/- 0.0009

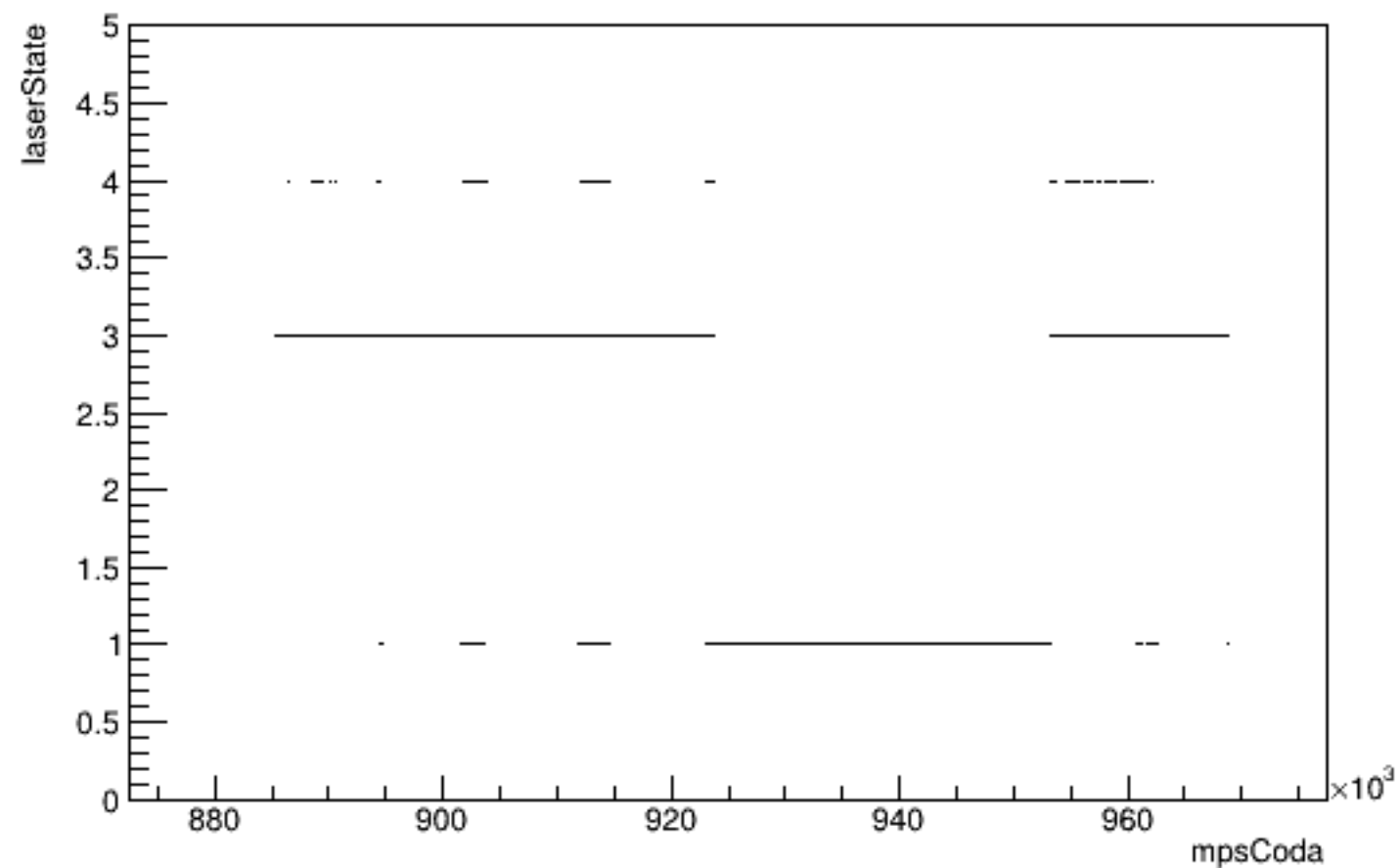
Run 4369 quartetwise, Asyms



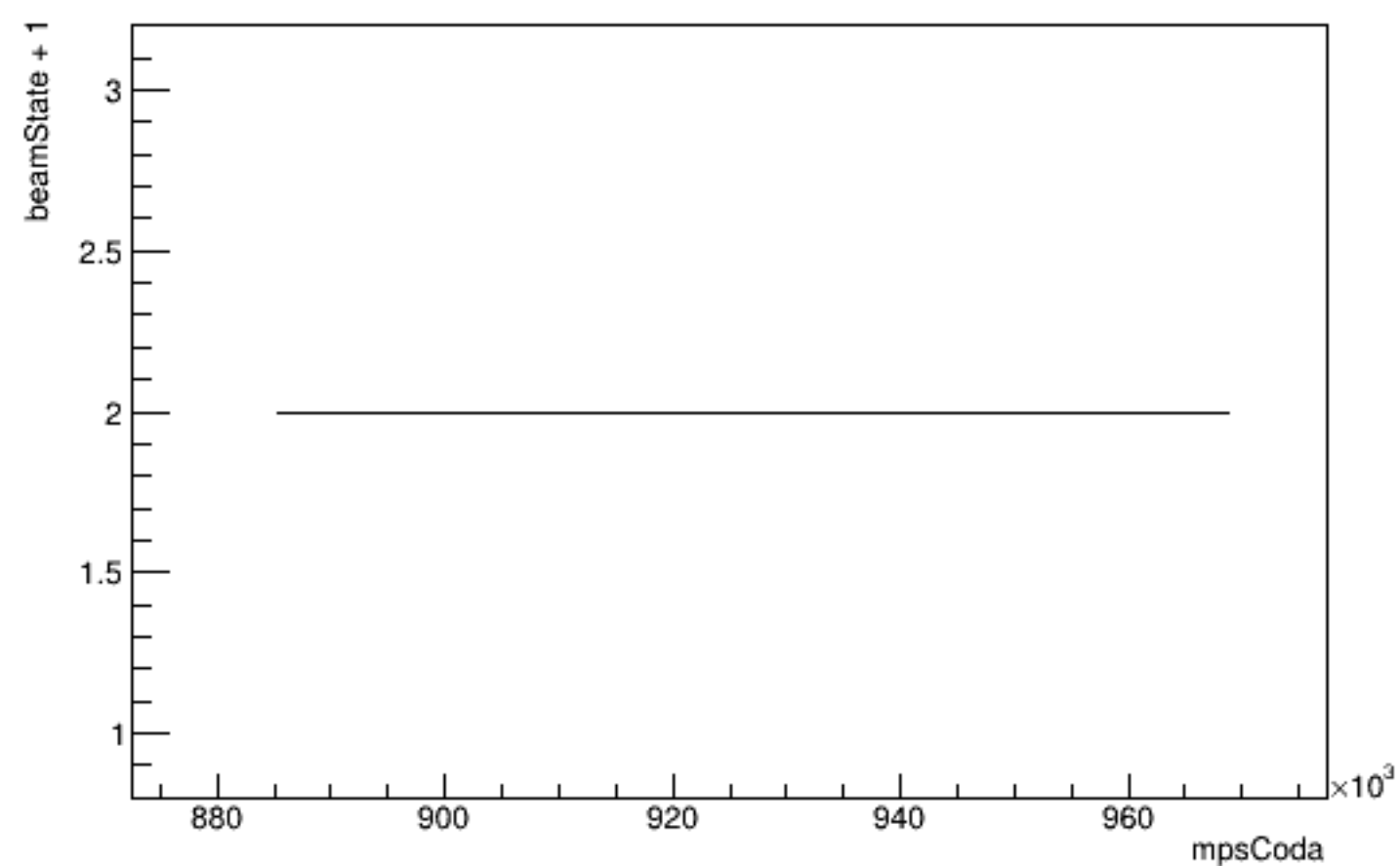
Acc0/NAcc0:mpsCoda (mpsCoda>=885388 && mpsCoda<=968763 && beamState==1)



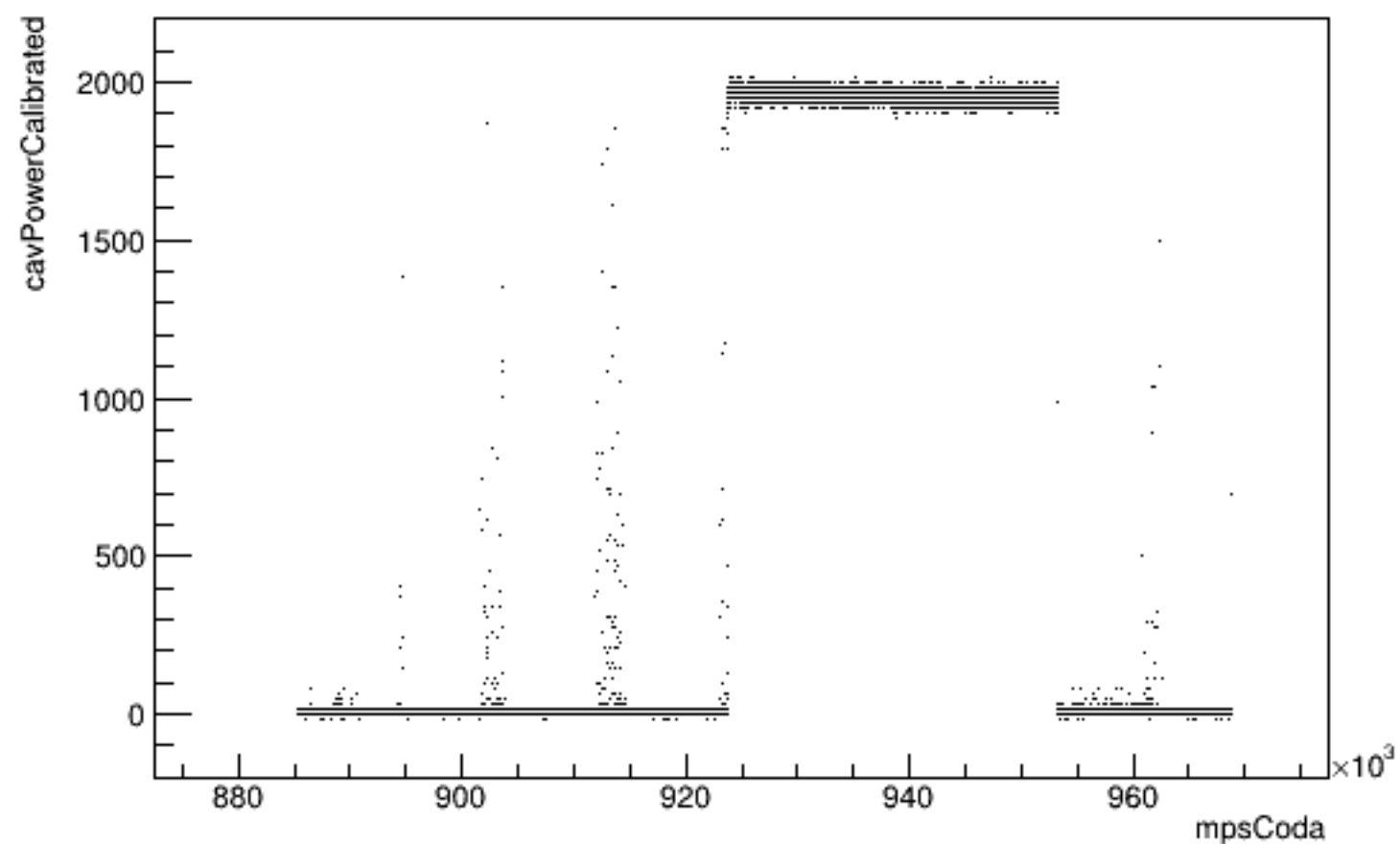
laserState:mpsCoda {mpsCoda>=885388 && mpsCoda<=968763}



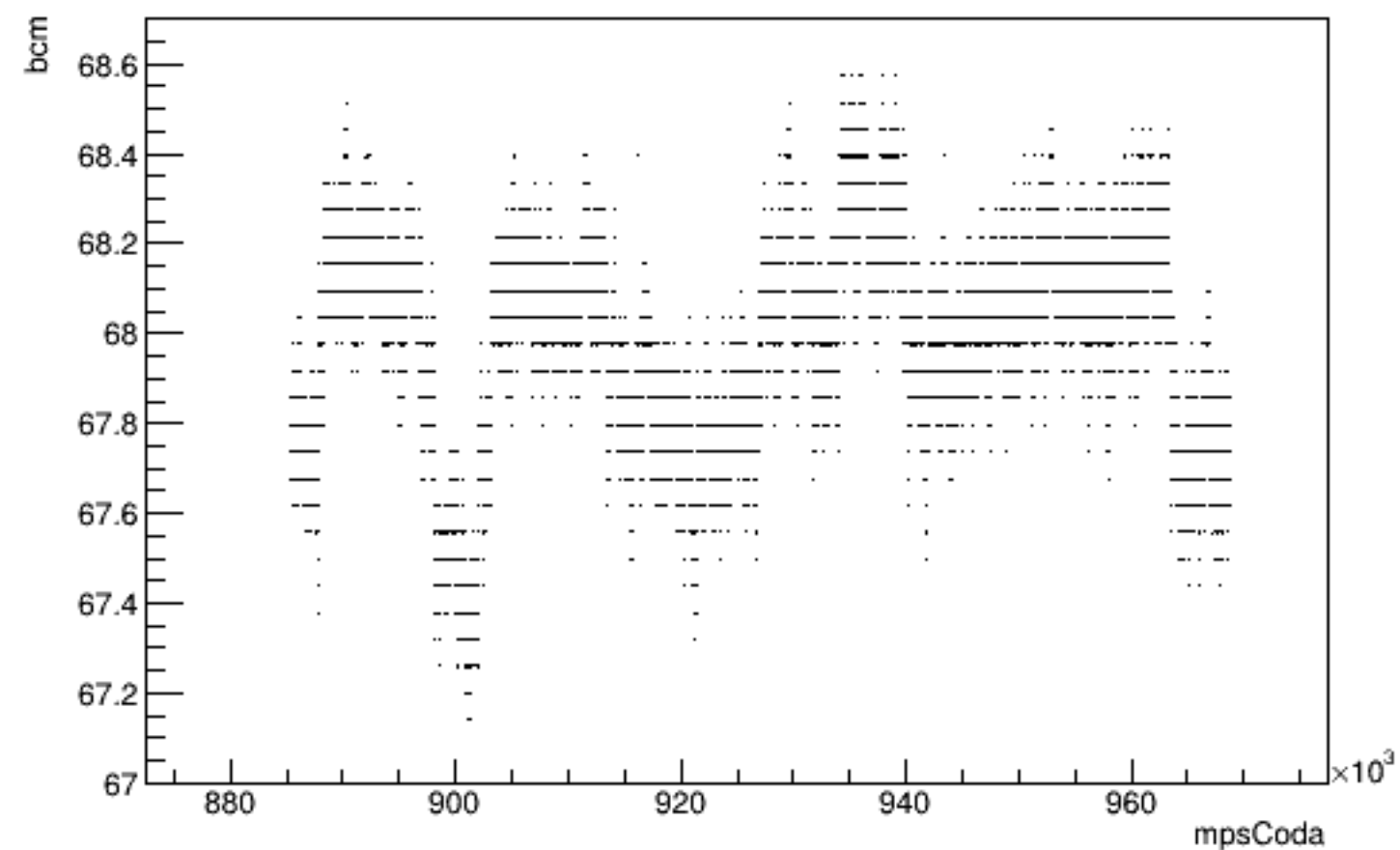
beamState + 1:mpsCoda {mpsCoda>=885388 && mpsCoda<=968763}



cavPowerCalibrated:mpsCoda {mpsCoda>=885388 && mpsCoda<=968763}



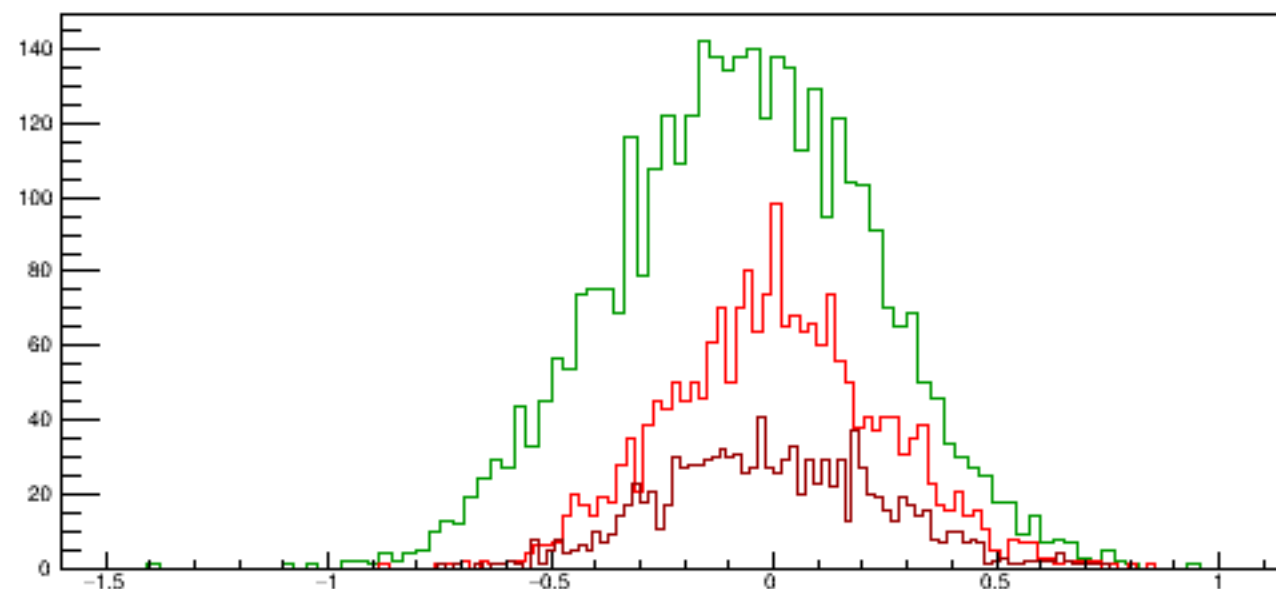
bcm:mpsCoda {mpsCoda>=885388 && mpsCoda<=968763}



Cycle 16, Diffs

Entries: 2080	Entries: 3692	Entries: 1118
Mean: 0.0048 +/- 0.0053	Mean: -0.0723 +/- 0.0048	Mean: -0.0025 +/- 0.0074
Std Dev: 0.2419 +/- 0.0038	Std Dev: 0.2928 +/- 0.0034	Std Dev: 0.2477 +/- 0.0052

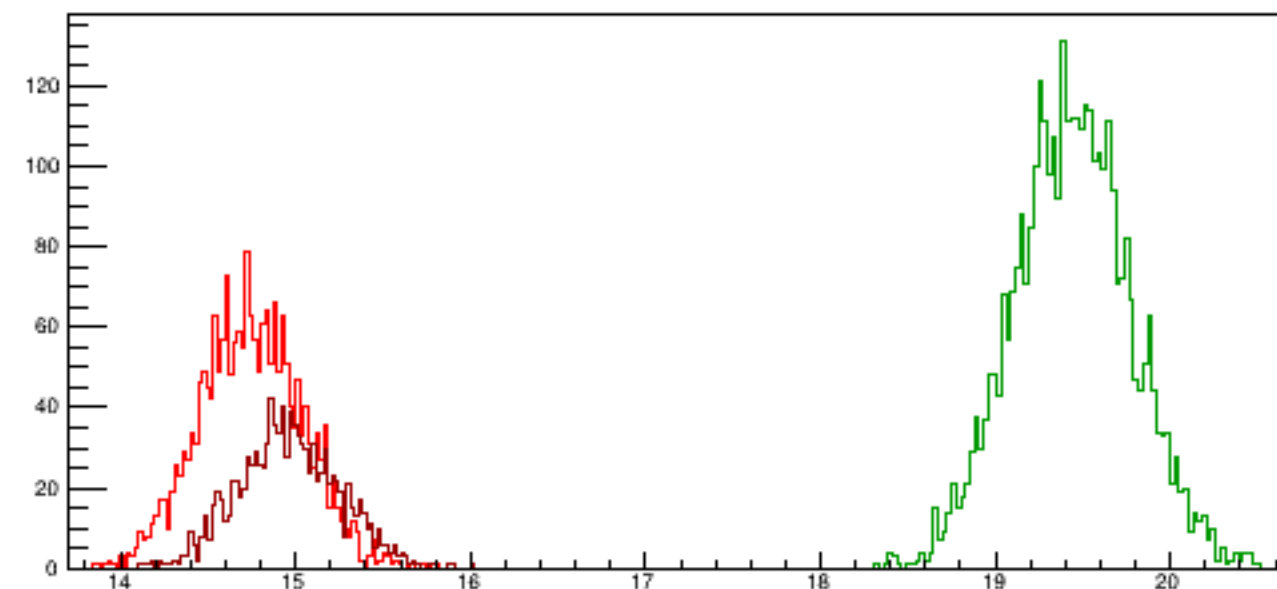
Run 4369 quartetwise, Diffs



Cycle 16, Sums

Entries: 2080	Entries: 3692	Entries: 1118
Mean: 14.7485 +/- 0.0064	Mean: 19.4382 +/- 0.0055	Mean: 14.9632 +/- 0.0087
Std Dev: 0.2936 +/- 0.0046	Std Dev: 0.3351 +/- 0.0039	Std Dev: 0.2896 +/- 0.0061

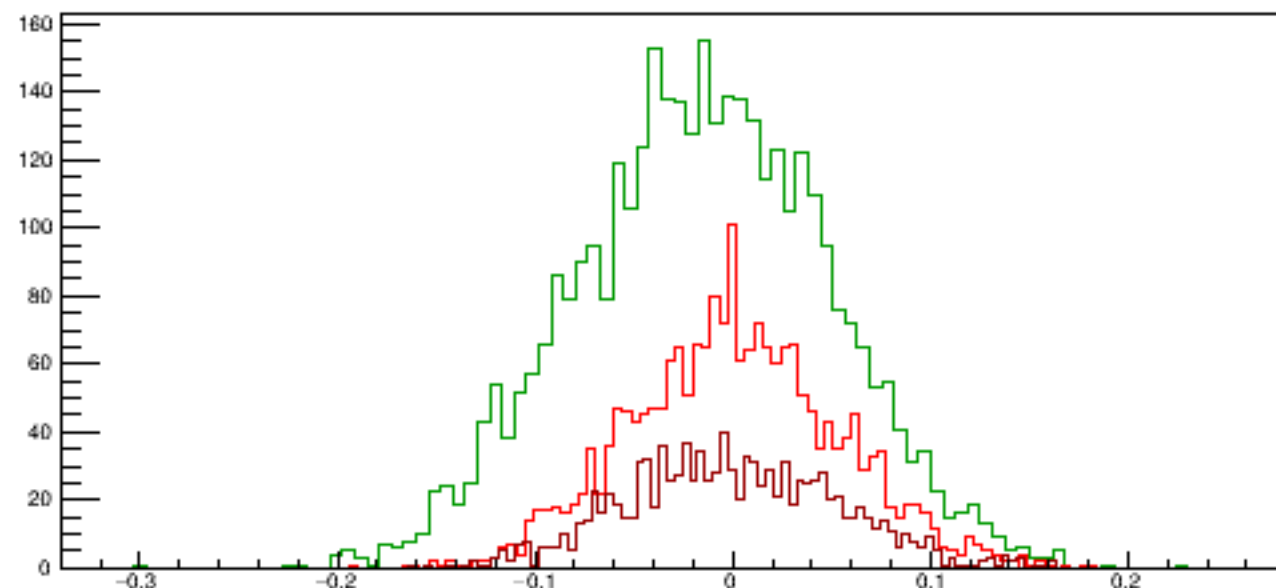
Run 4369 quartetwise, Sums



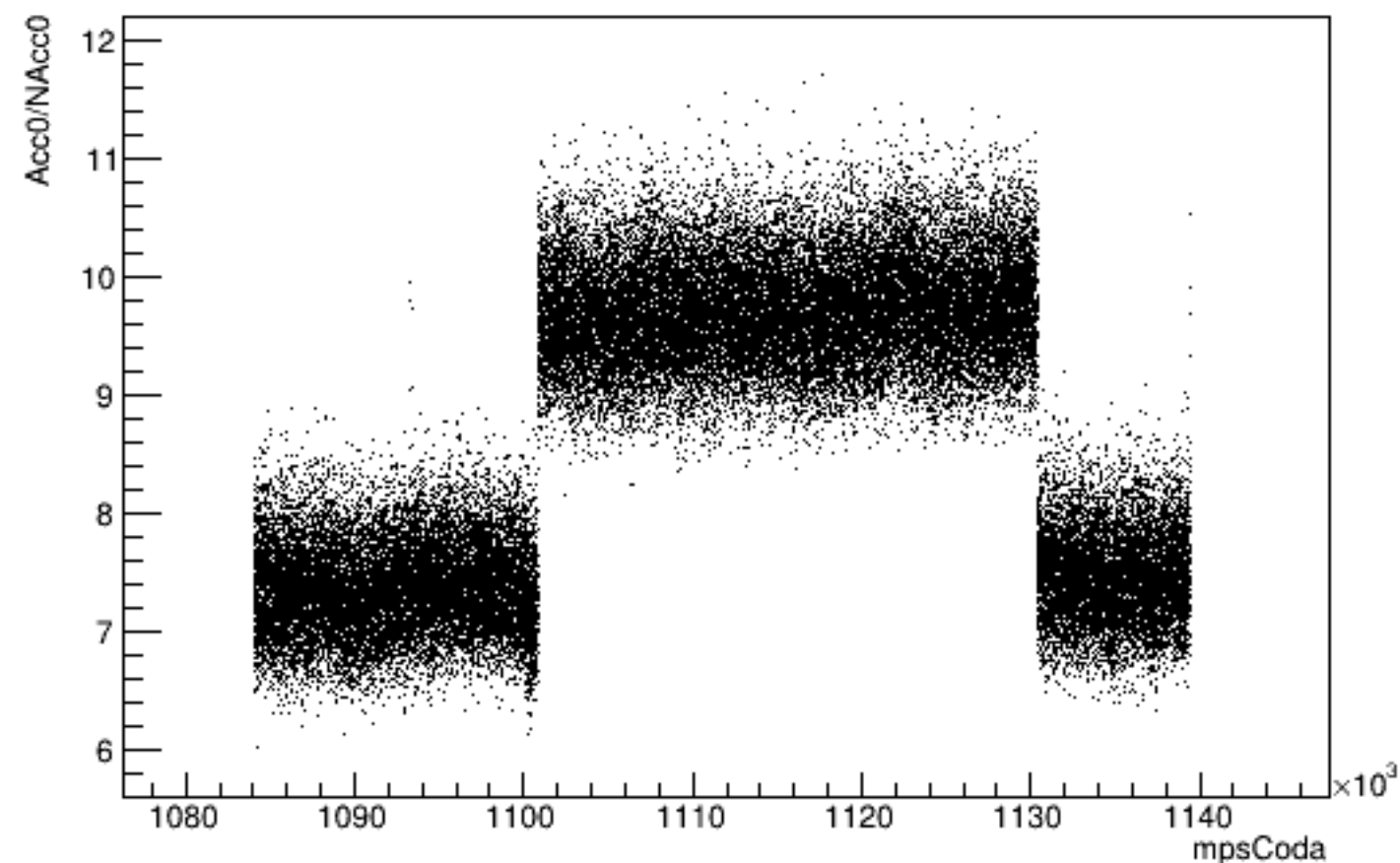
Cycle 16, Asyms

Entries: 2080	Entries: 3692	Entries: 1118
Mean: 0.0011 +/- 0.0012	Mean: -0.0157 +/- 0.0011	Mean: -0.0006 +/- 0.0016
Std Dev: 0.0528 +/- 0.0008	Std Dev: 0.0640 +/- 0.0007	Std Dev: 0.0540 +/- 0.0011

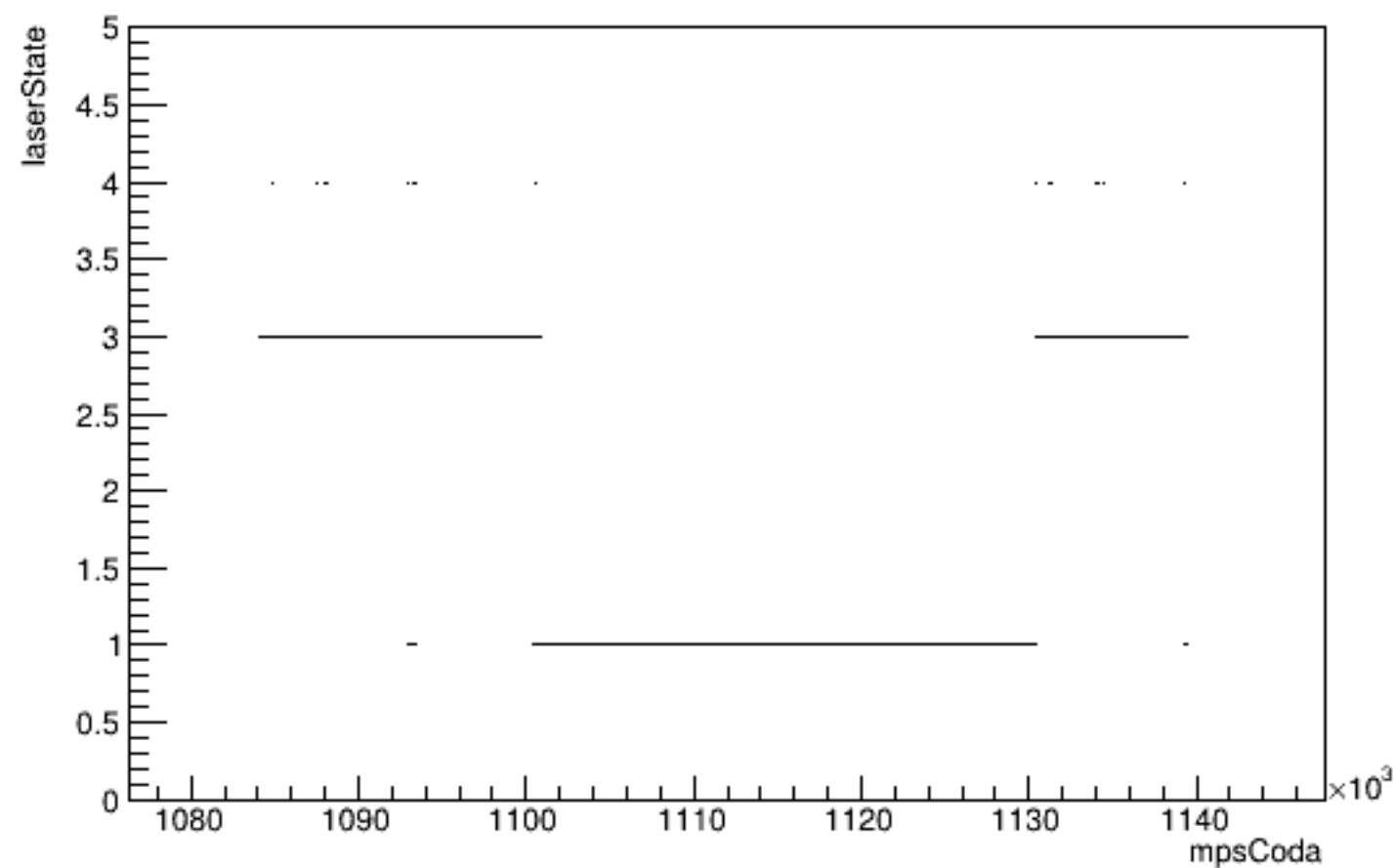
Run 4369 quartetwise, Asyms



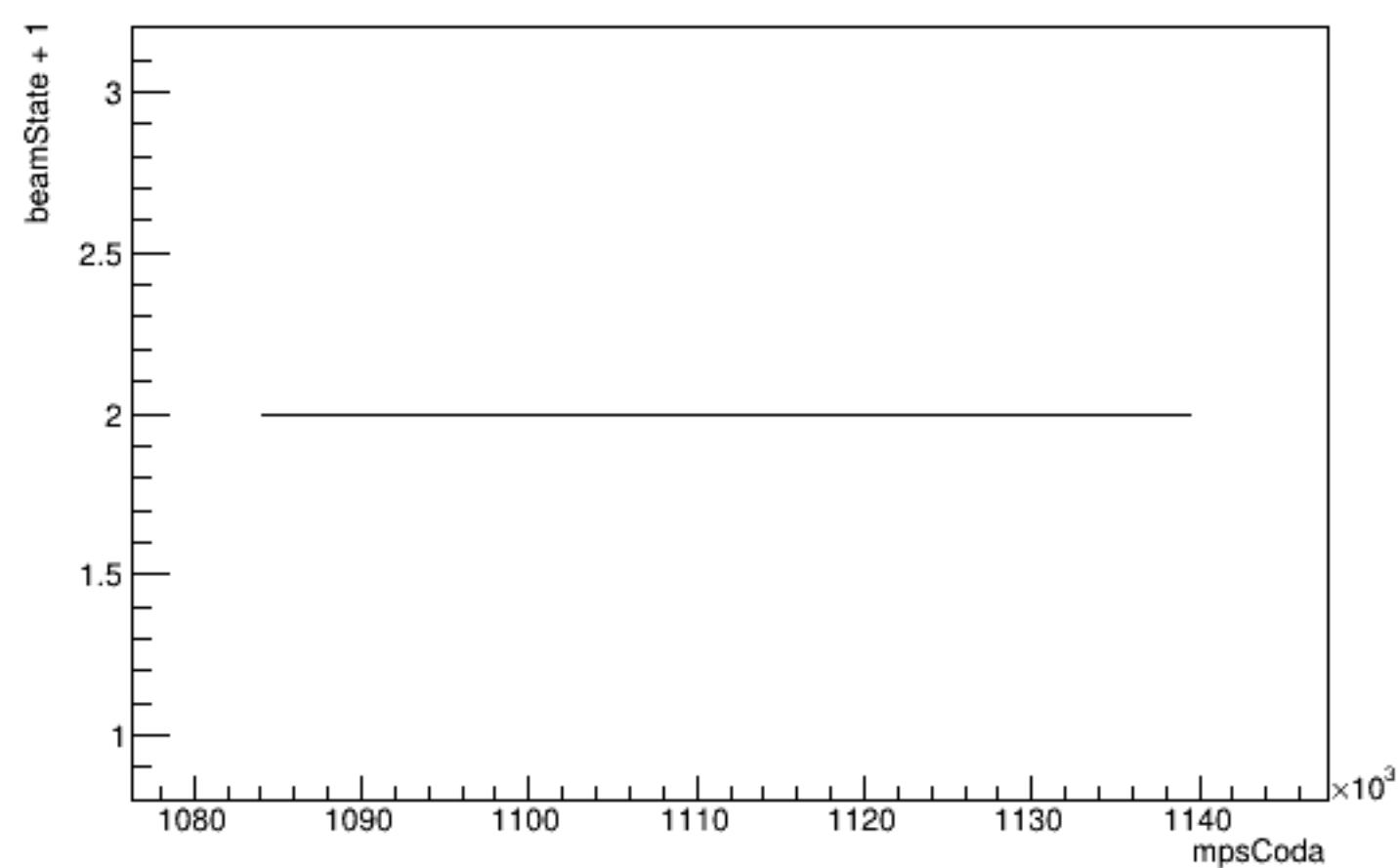
Acc0/NAcc0:mpsCoda (mpsCoda>=1084036 && mpsCoda<=1139411 && beamState==1)



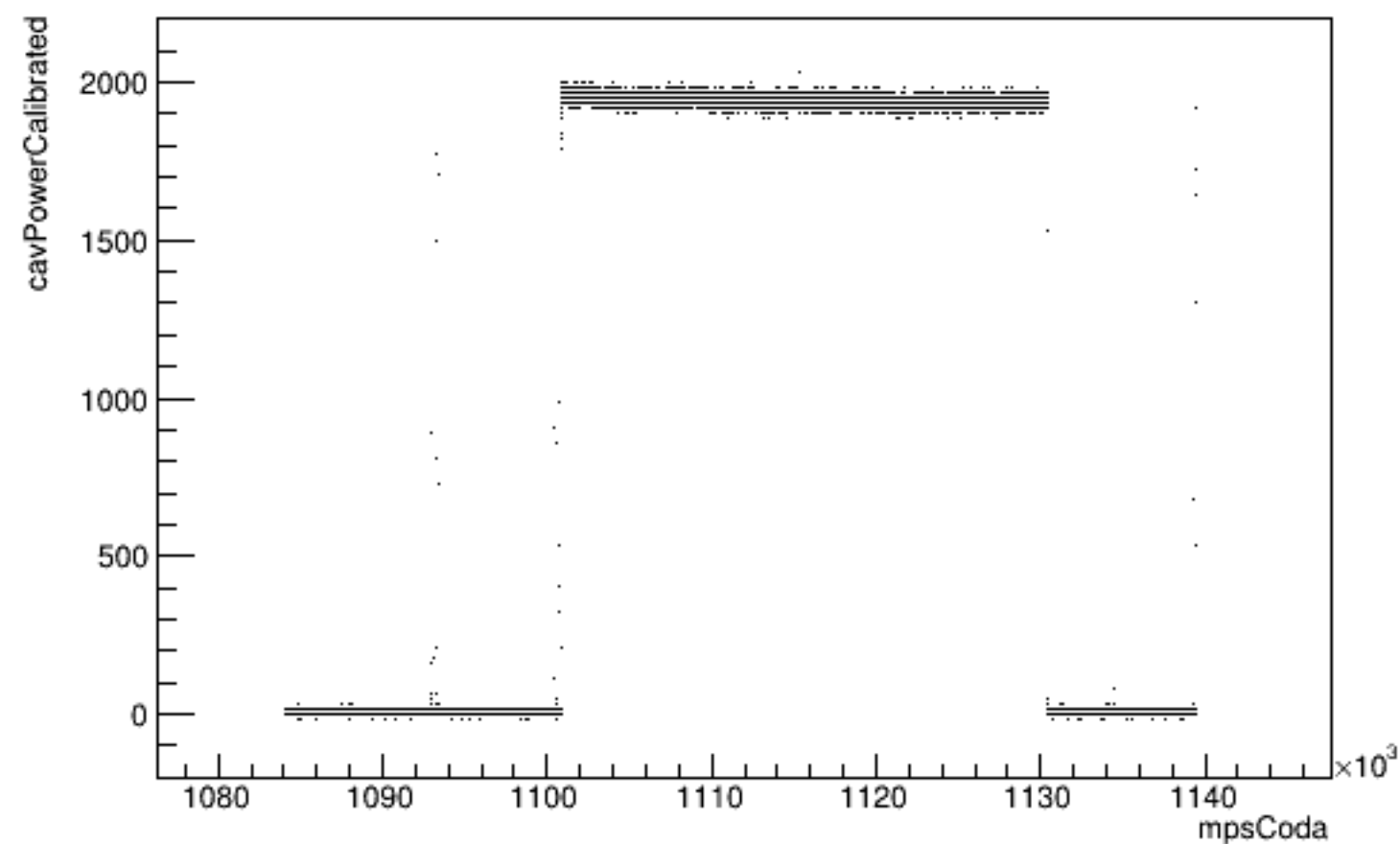
laserState:mpsCoda {mpsCoda>=1084036 && mpsCoda<=1139411}



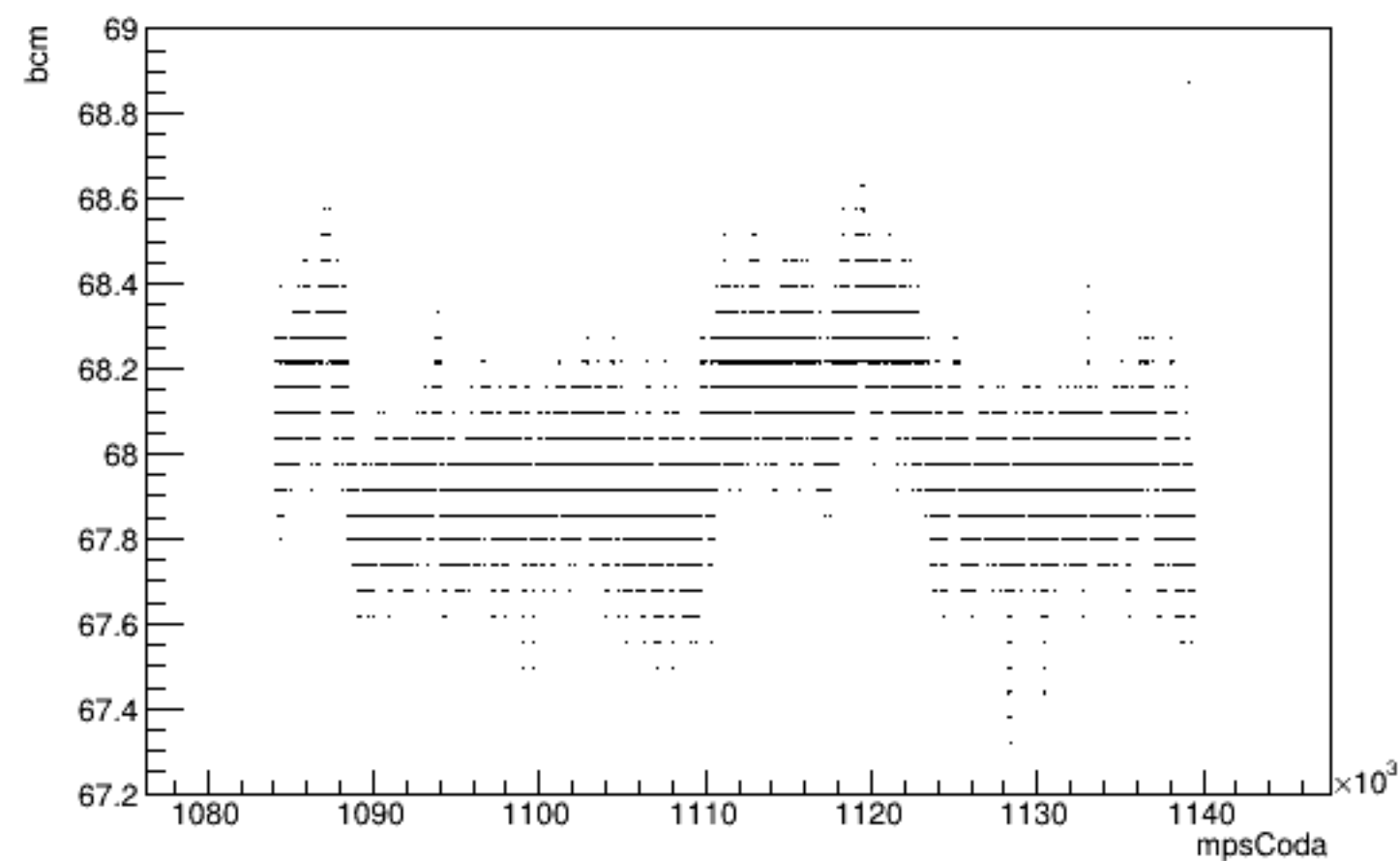
beamState + 1:mpsCoda {mpsCoda>=1084036 && mpsCoda<=1139411}



cavPowerCalibrated:mpsCoda {mpsCoda>=1084036 && mpsCoda<=1139411}



bcm:mpsCoda {mpsCoda>=1084036 && mpsCoda<=1139411}



Cycle 17, Diffs

Entries: 1118

Mean: -0.0025 +/- 0.0074

Std Dev: 0.2477 +/- 0.0052

Entries: 2574

Mean: -0.0677 +/- 0.0057

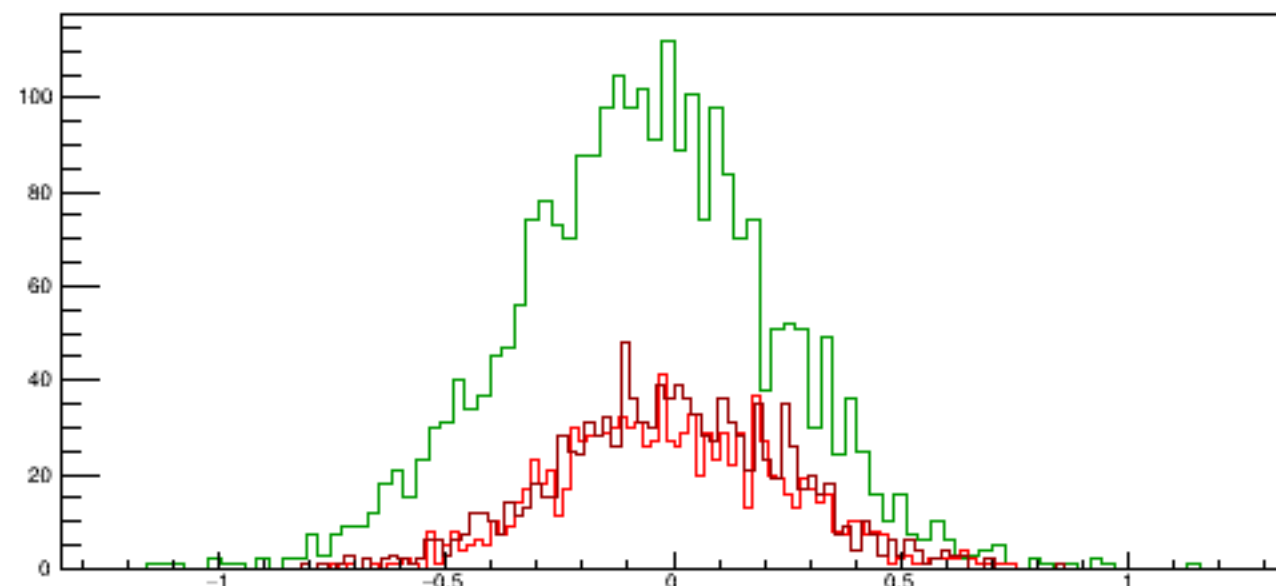
Std Dev: 0.2892 +/- 0.0040

Entries: 1150

Mean: -0.0056 +/- 0.0074

Std Dev: 0.2520 +/- 0.0053

Run 4369 quartetwise, Diffs



Cycle 17, Sums

Entries: 1118

Mean: 14.9632 +/- 0.0087

Std Dev: 0.2896 +/- 0.0061

Entries: 2574

Mean: 19.6302 +/- 0.0066

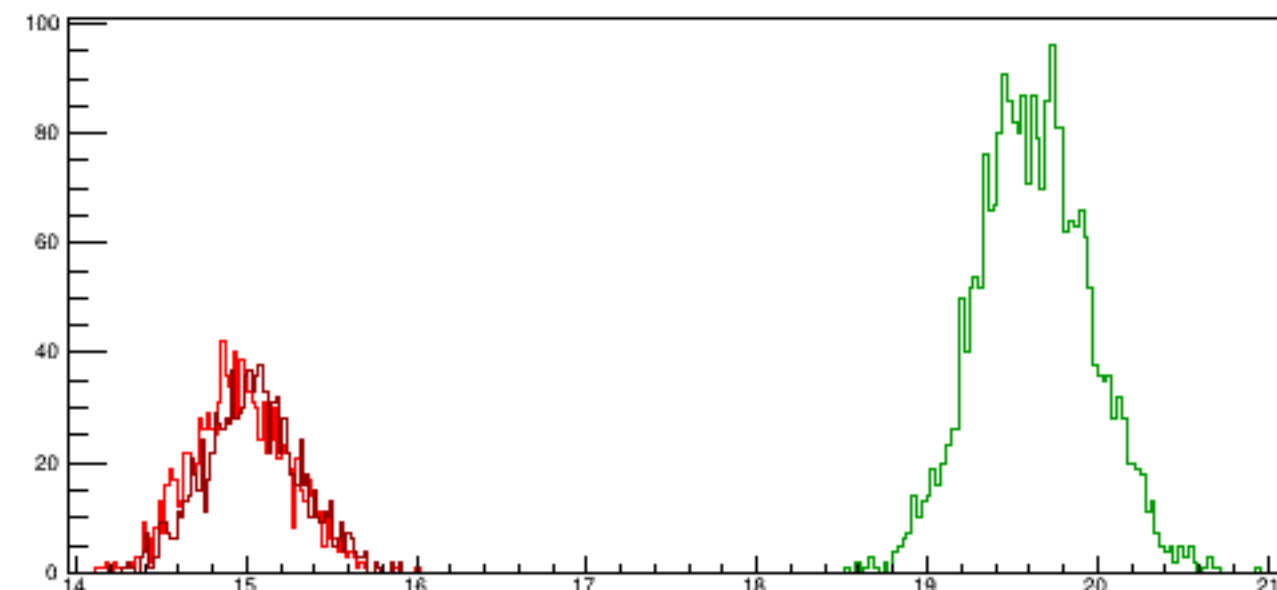
Std Dev: 0.3336 +/- 0.0046

Entries: 1150

Mean: 15.0338 +/- 0.0083

Std Dev: 0.2821 +/- 0.0059

Run 4369 quartetwise, Sums



Cycle 17, Asyms

Entries: 1118

Mean: -0.0005 +/- 0.0016

Std Dev: 0.0535 +/- 0.0011

Entries: 2574

Mean: -0.0146 +/- 0.0012

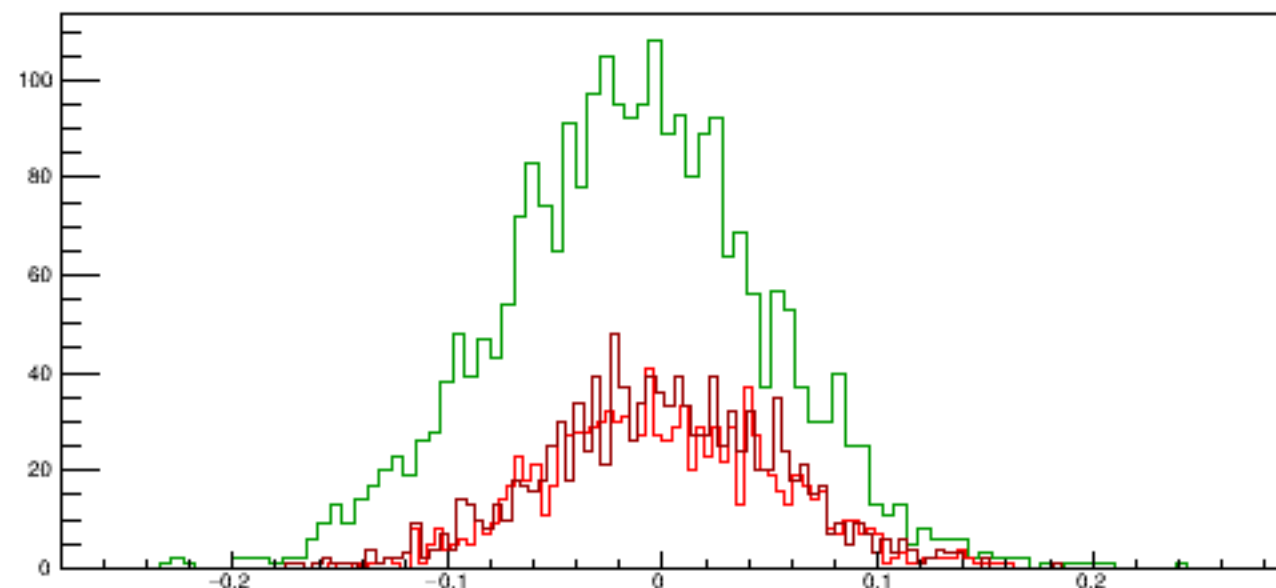
Std Dev: 0.0622 +/- 0.0009

Entries: 1150

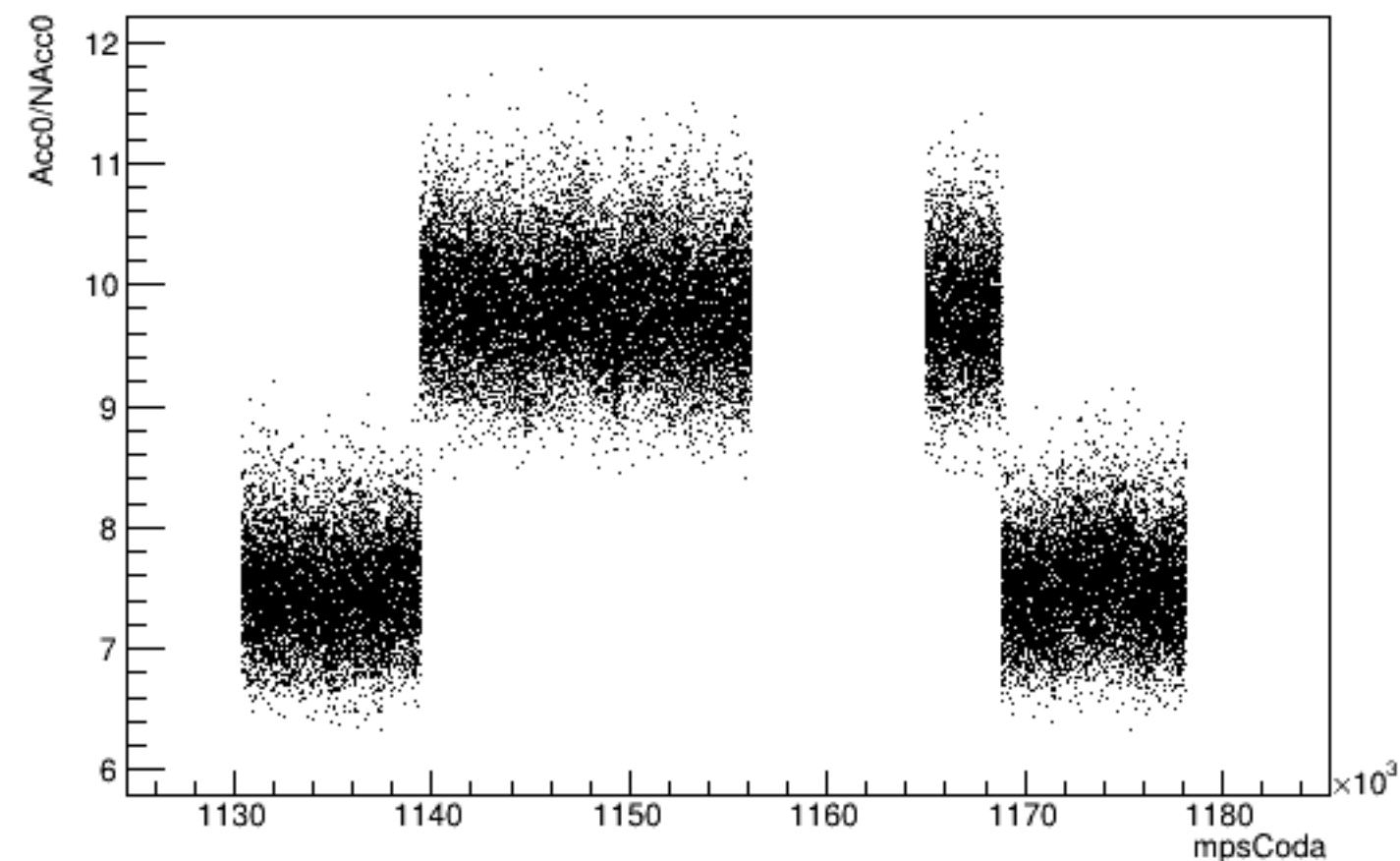
Mean: -0.0012 +/- 0.0016

Std Dev: 0.0544 +/- 0.0011

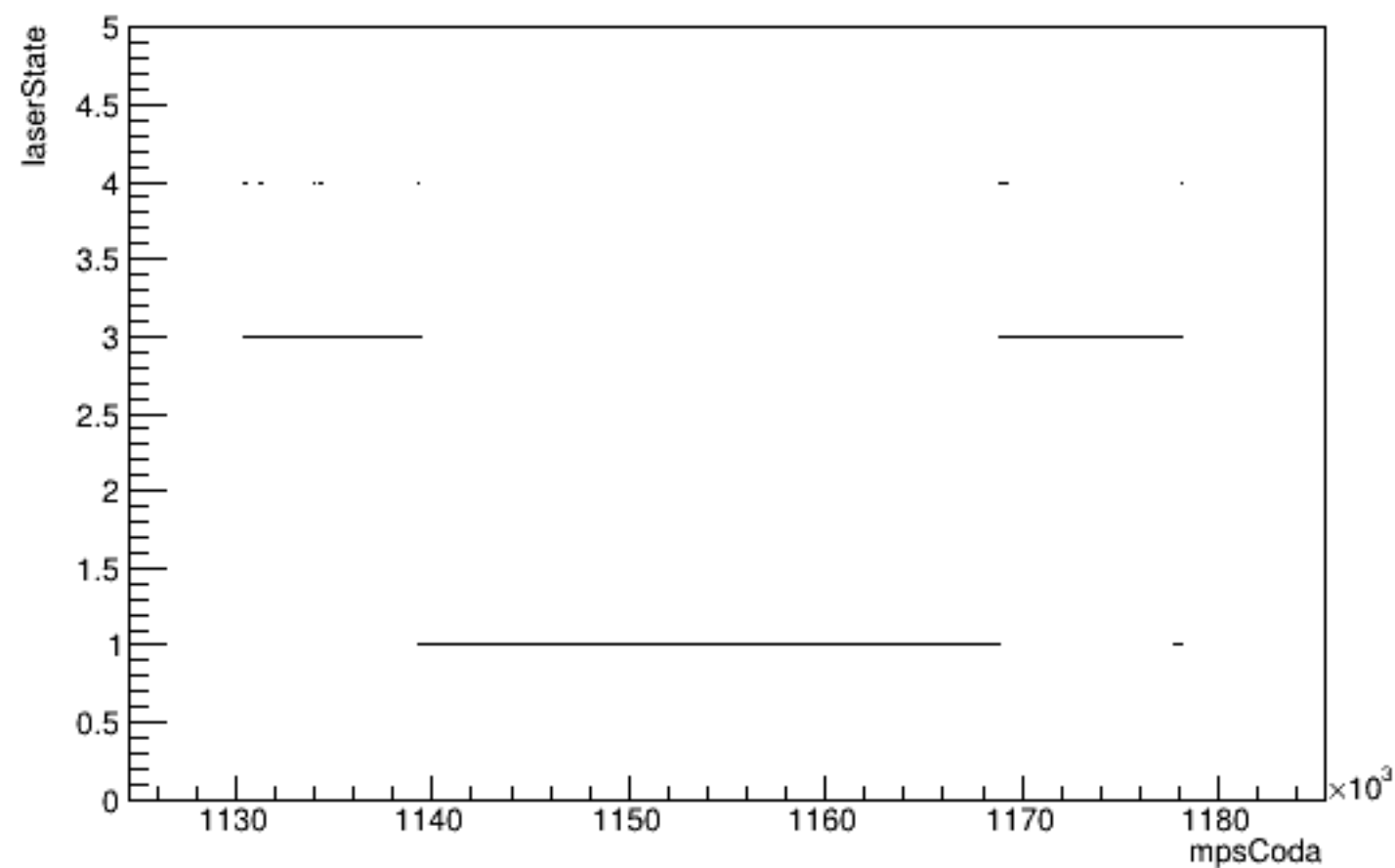
Run 4369 quartetwise, Asyms



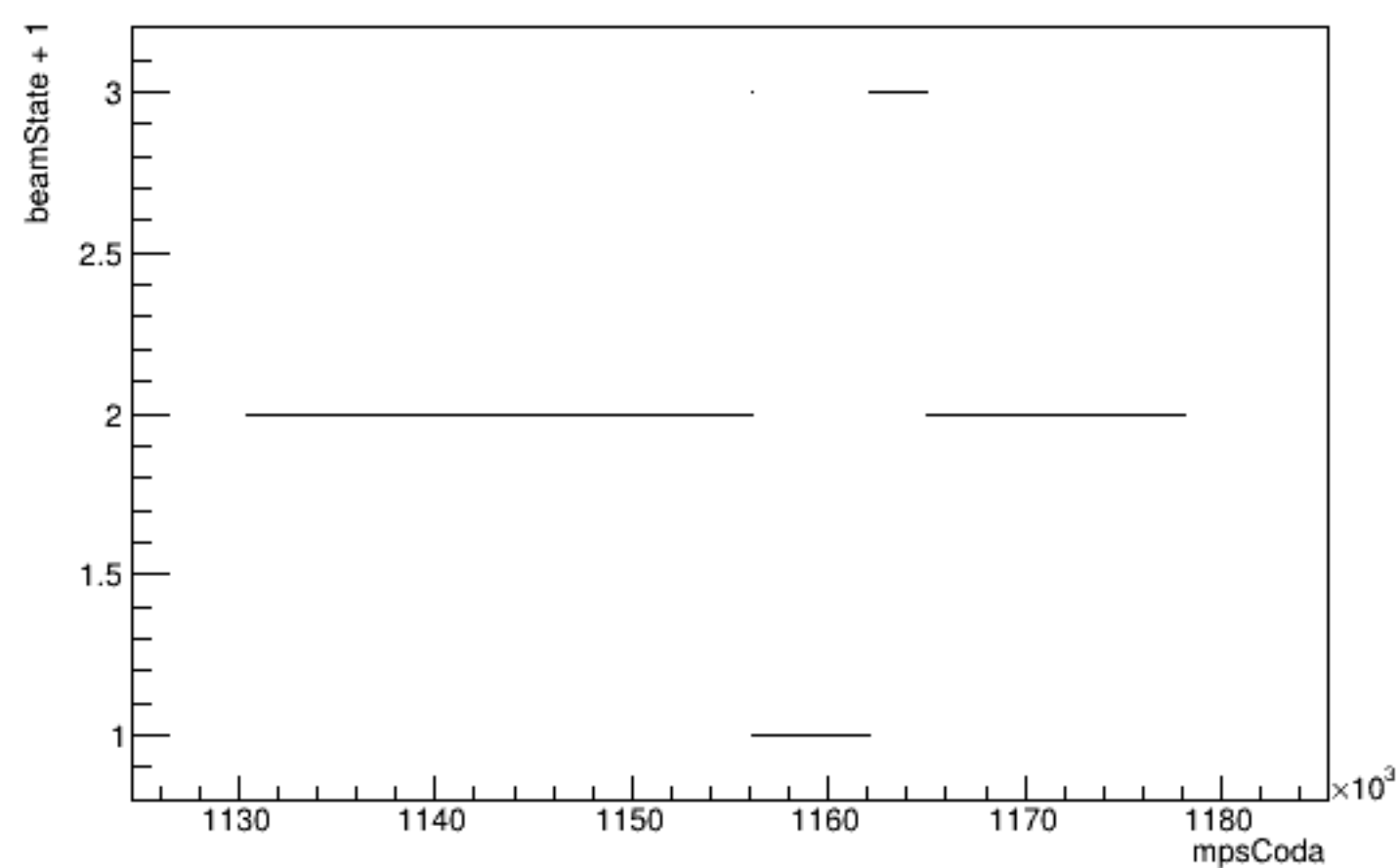
Acc0/NAcc0:mpsCoda (mpsCoda>=1130380 && mpsCoda<=1178139 && beamState==1)



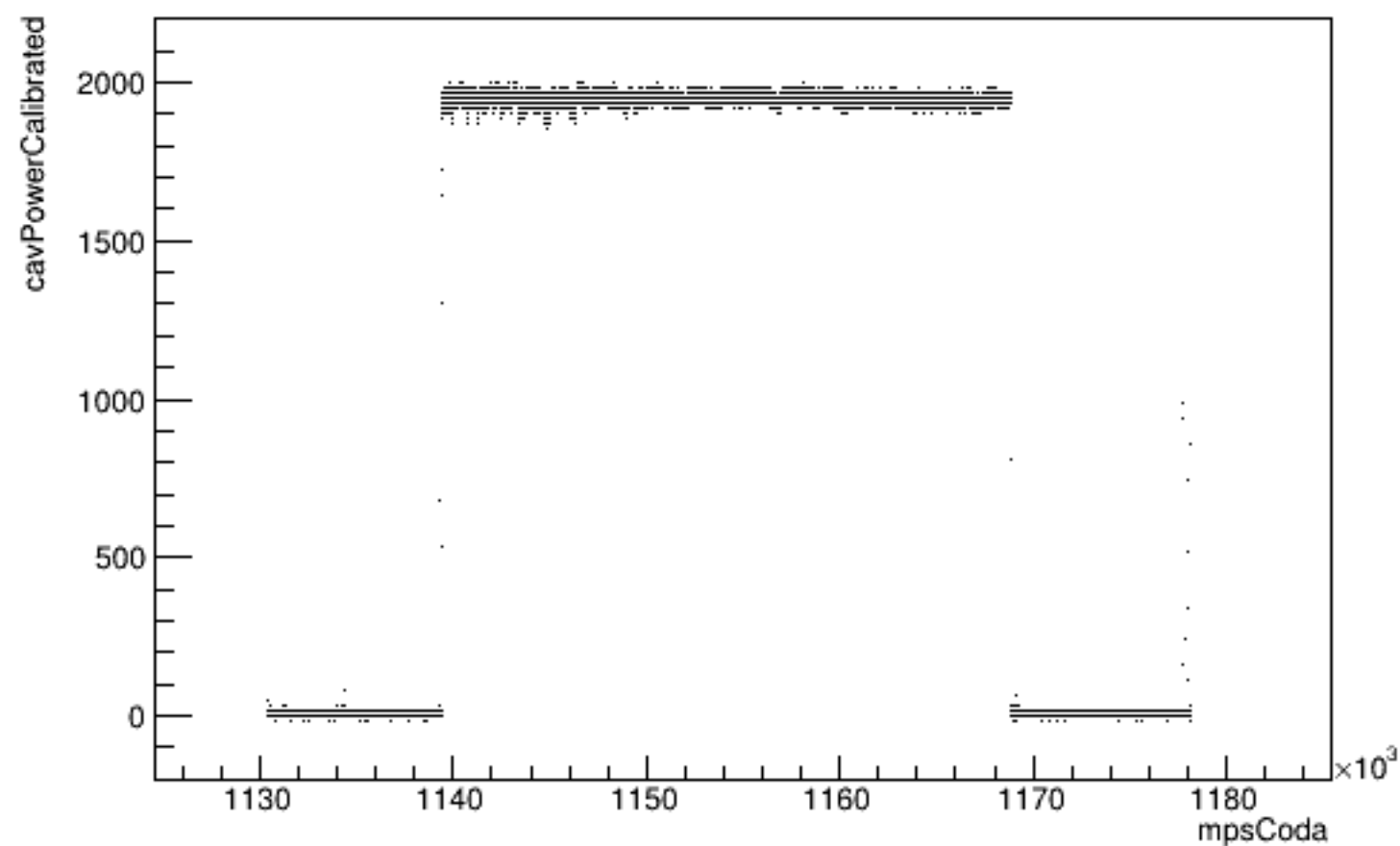
laserState:mpsCoda {mpsCoda>=1130380 && mpsCoda<=1178139}



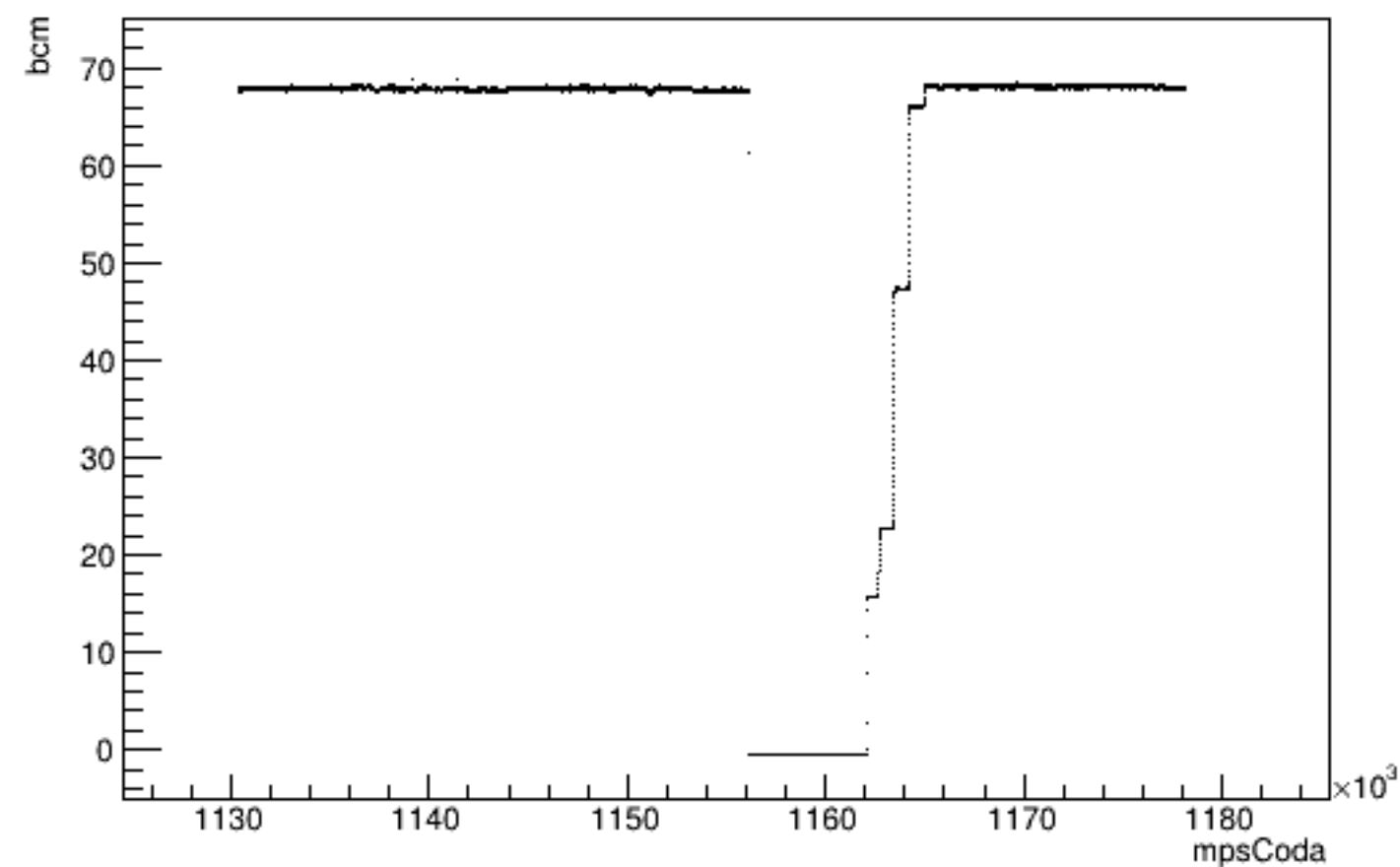
beamState + 1:mpsCoda {mpsCoda>=1130380 && mpsCoda<=1178139}



cavPowerCalibrated:mpsCoda {mpsCoda>=1130380 && mpsCoda<=1178139}



bcm:mpsCoda {mpsCoda>=1130380 && mpsCoda<=1178139}



Cycle 18, Diffs

Entries: 1150

Mean: -0.0056 +/- 0.0074

Std Dev: 0.2520 +/- 0.0053

Entries: 3758

Mean: -0.0620 +/- 0.0048

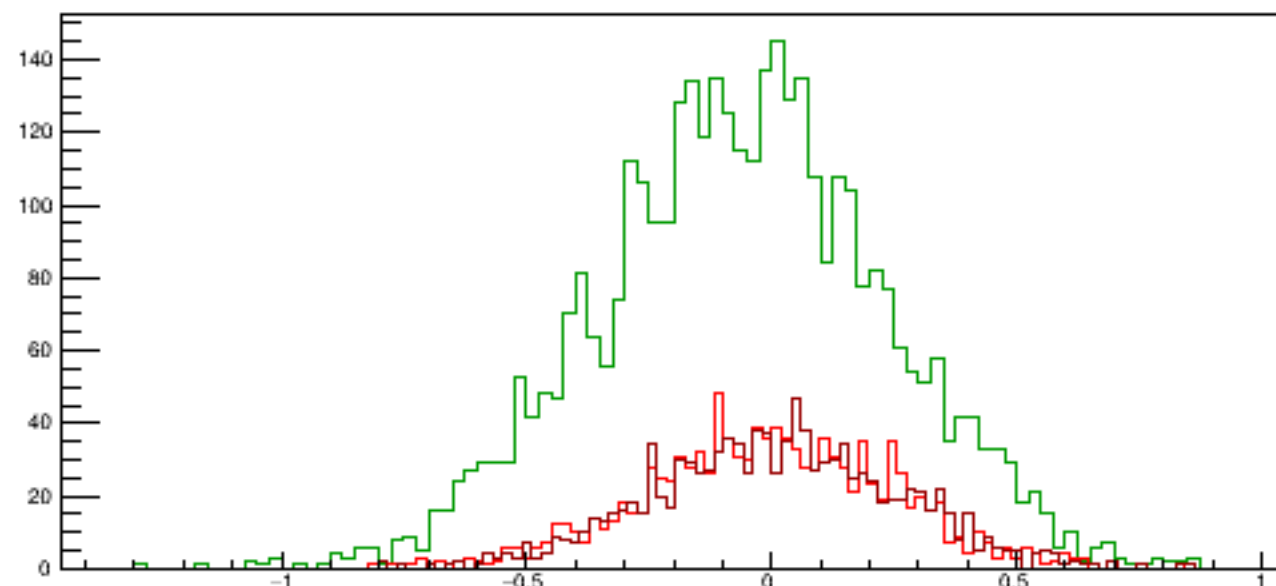
Std Dev: 0.2956 +/- 0.0034

Entries: 1116

Mean: 0.0076 +/- 0.0075

Std Dev: 0.2510 +/- 0.0053

Run 4369 quartetwise, Diffs



Cycle 18, Sums

Entries: 1150

Mean: 15.0338 +/- 0.0083

Std Dev: 0.2821 +/- 0.0059

Entries: 3758

Mean: 19.5727 +/- 0.0055

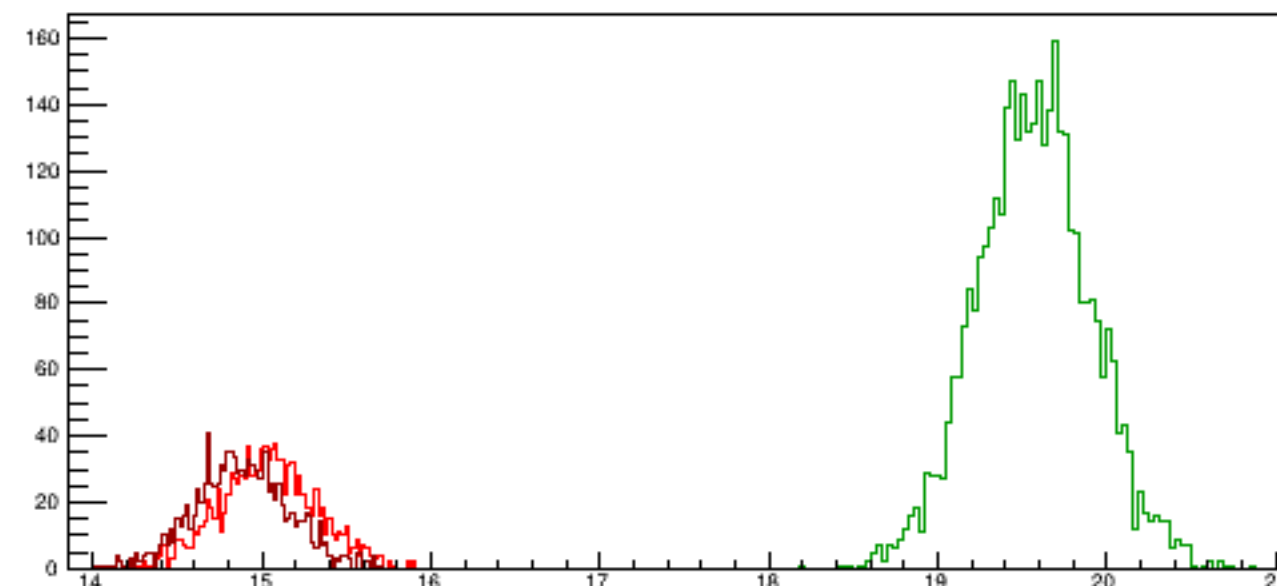
Std Dev: 0.3372 +/- 0.0039

Entries: 1116

Mean: 14.8792 +/- 0.0085

Std Dev: 0.2828 +/- 0.0060

Run 4369 quartetwise, Sums



Cycle 18, Asyms

Entries: 1150

Mean: -0.0012 +/- 0.0016

Std Dev: 0.0546 +/- 0.0011

Entries: 3758

Mean: -0.0135 +/- 0.0010

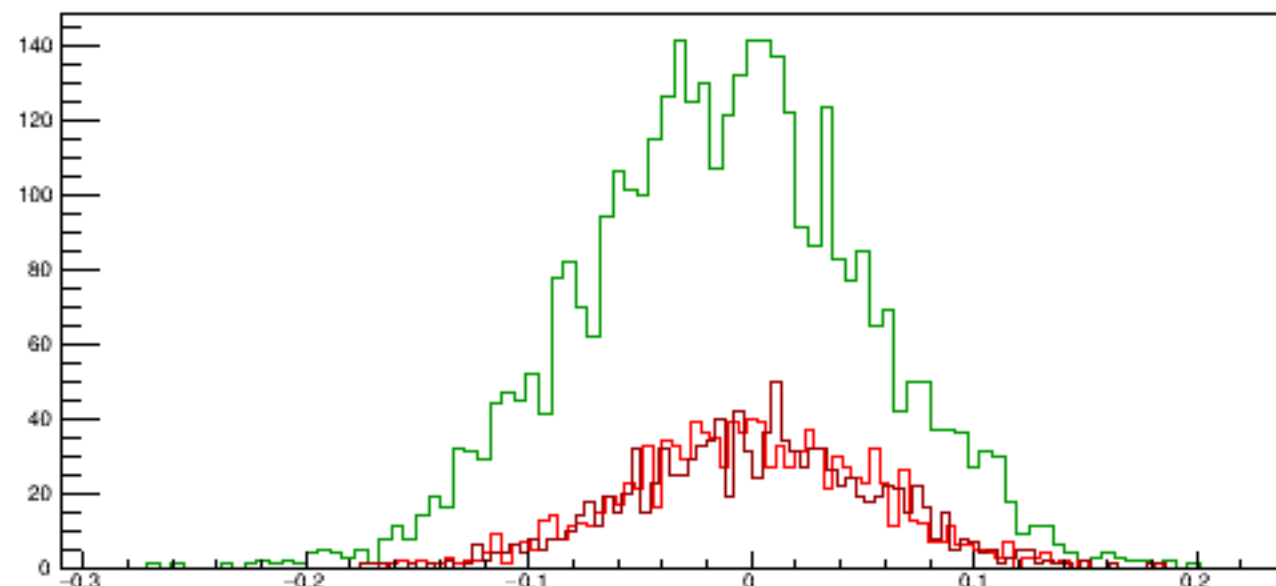
Std Dev: 0.0642 +/- 0.0007

Entries: 1116

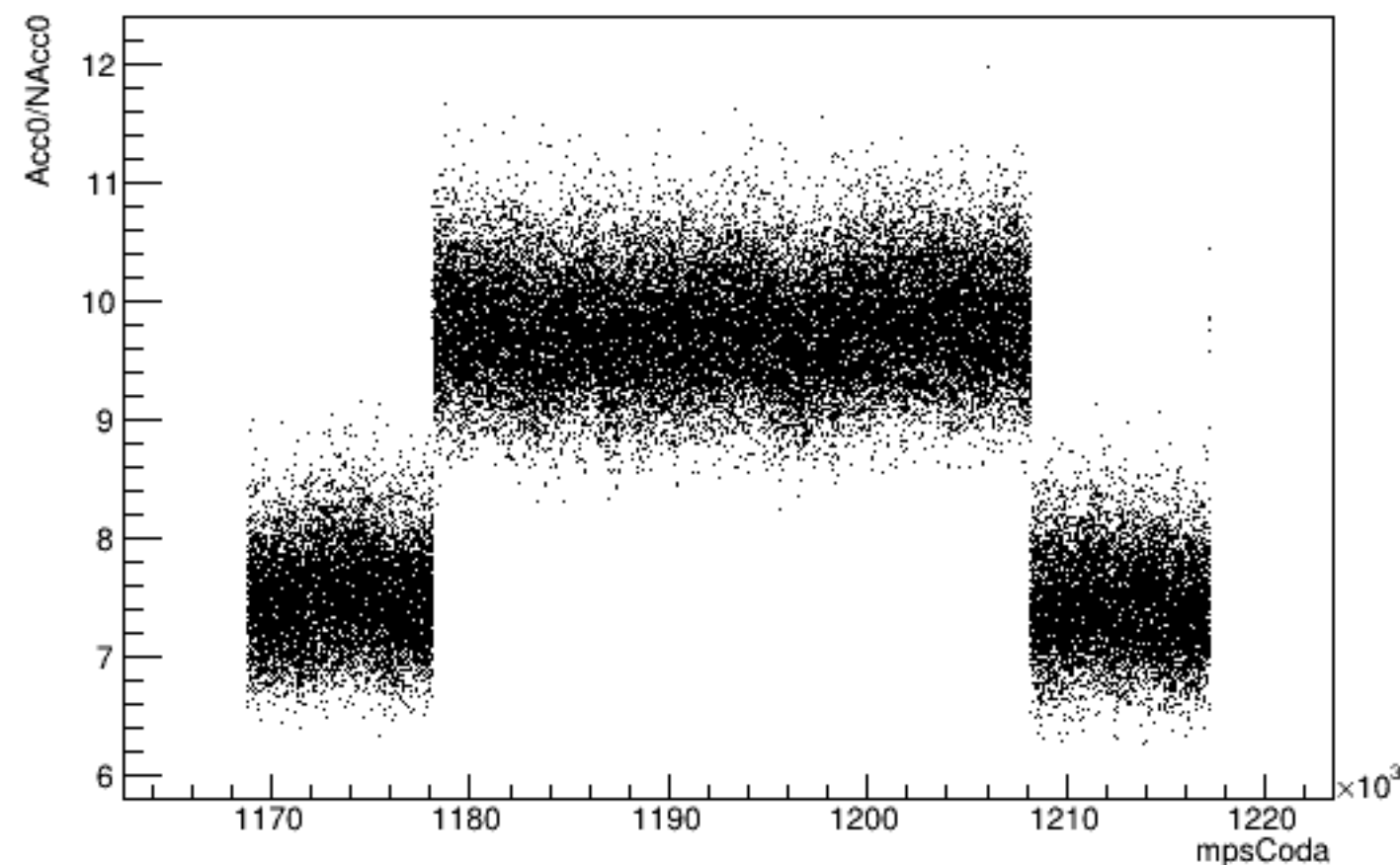
Mean: 0.0017 +/- 0.0016

Std Dev: 0.0544 +/- 0.0012

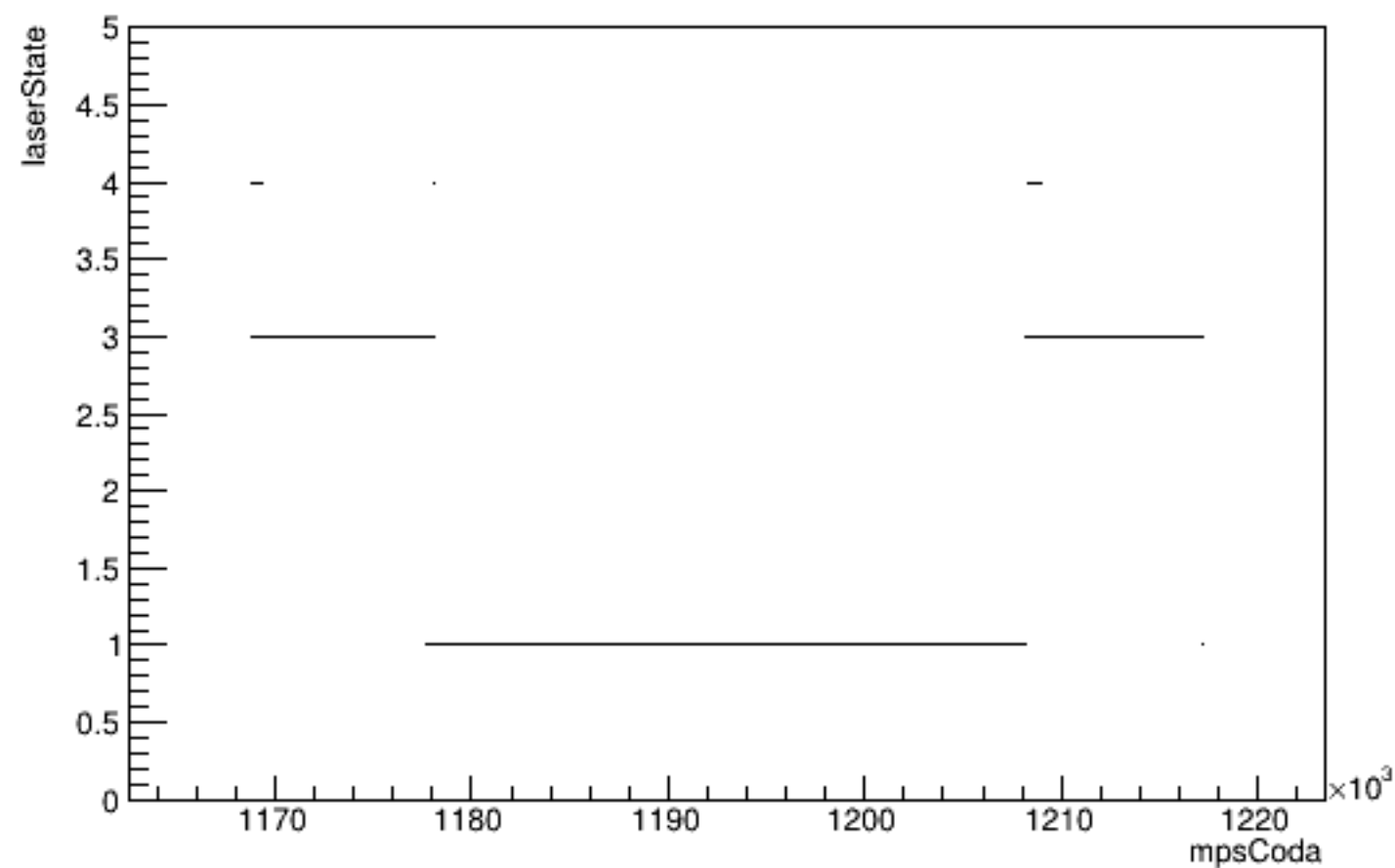
Run 4369 quartetwise, Asyms



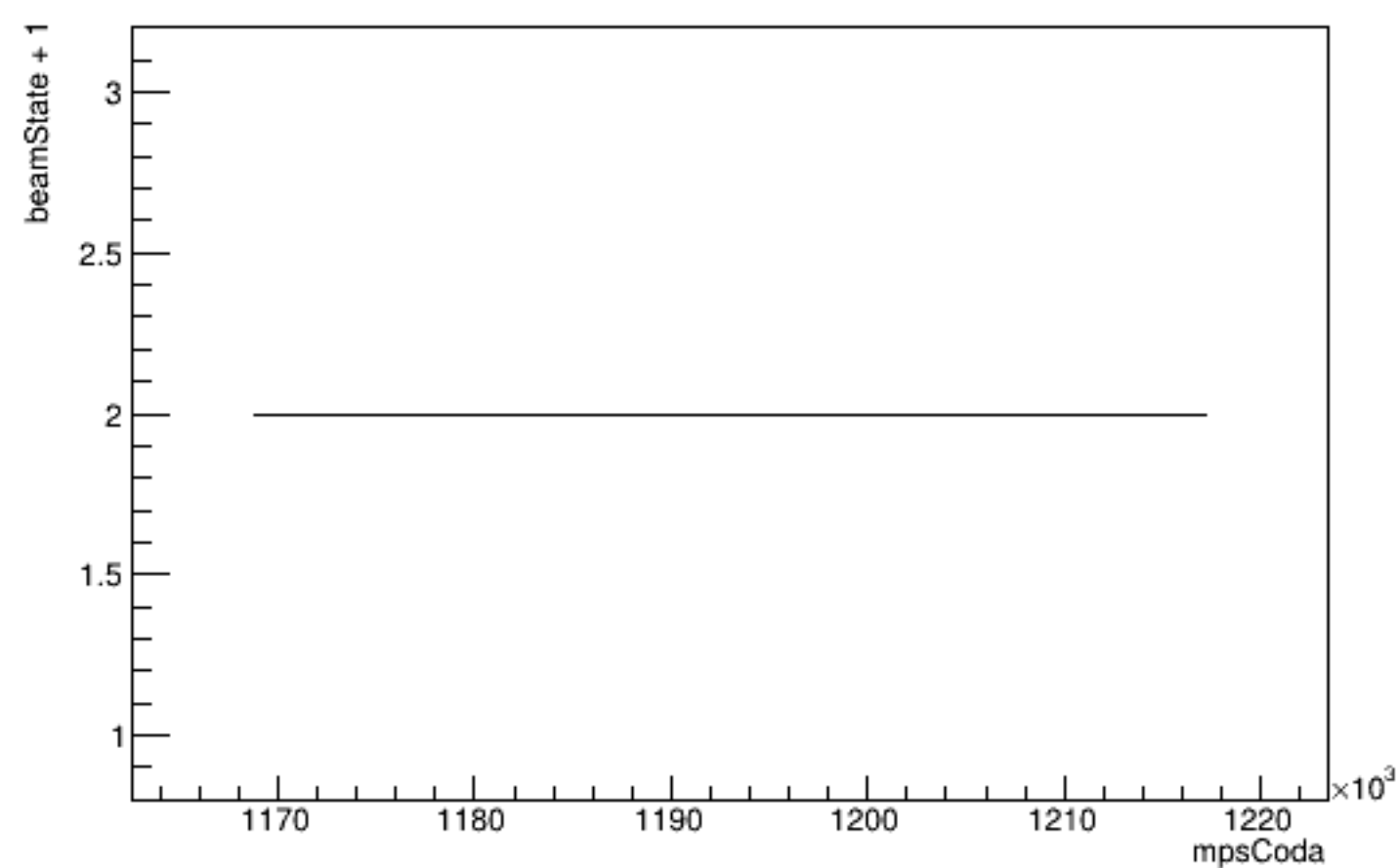
Acc0/NAcc0:mpsCoda (mpsCoda>=1168812 && mpsCoda<=1217211 && beamState==1)



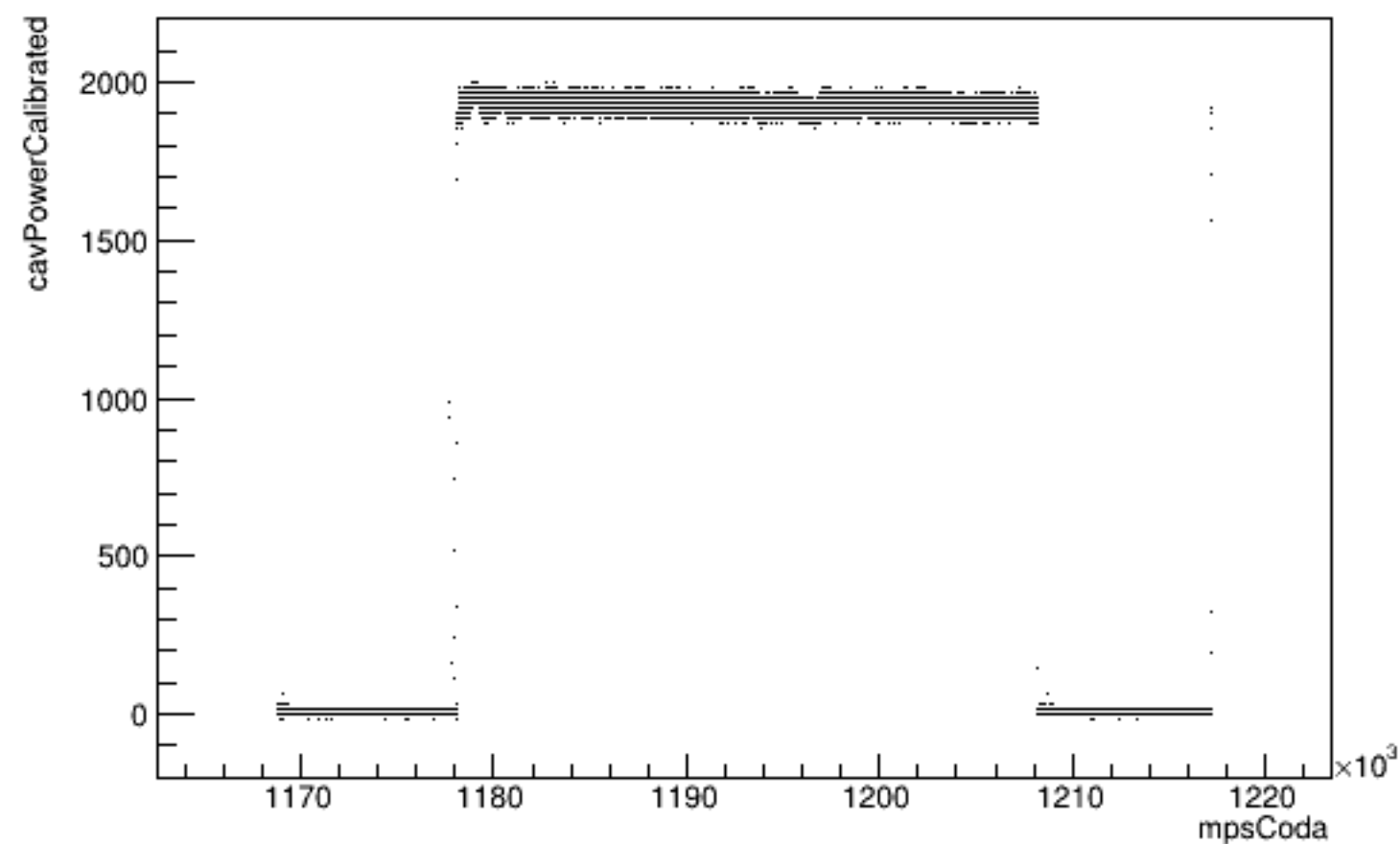
laserState:mpsCoda {mpsCoda>=1168812 && mpsCoda<=1217211}



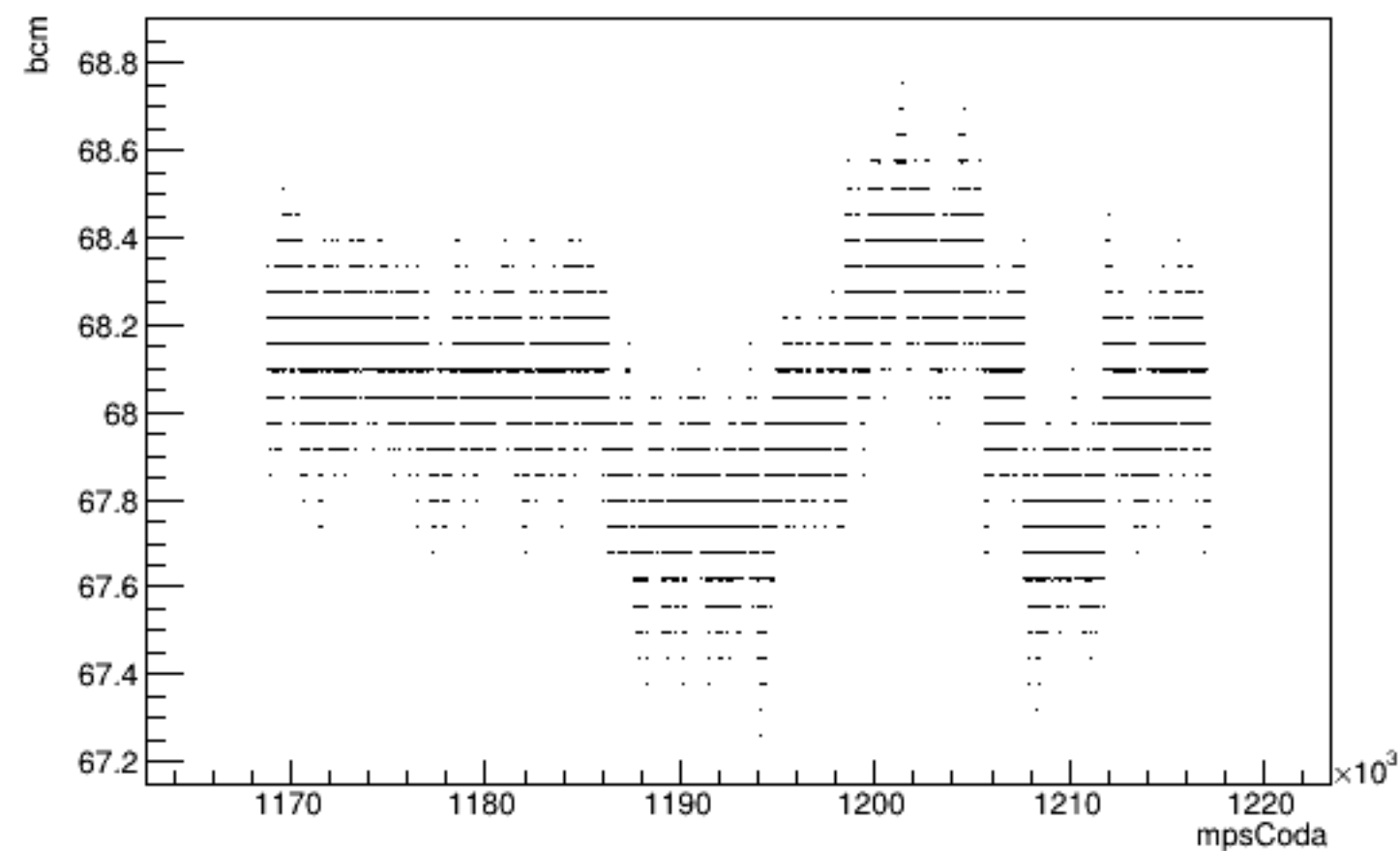
beamState + 1:mpsCoda {mpsCoda>=1168812 && mpsCoda<=1217211}



cavPowerCalibrated:mpsCoda {mpsCoda>=1168812 && mpsCoda<=1217211}



bcm:mpsCoda {mpsCoda>=1168812 && mpsCoda<=1217211}



Cycle 19, Diffs

Entries: 1124

Mean: -0.0035 +/- 0.0077

Std Dev: 0.2580 +/- 0.0054

Entries: 3675

Mean: -0.0676 +/- 0.0049

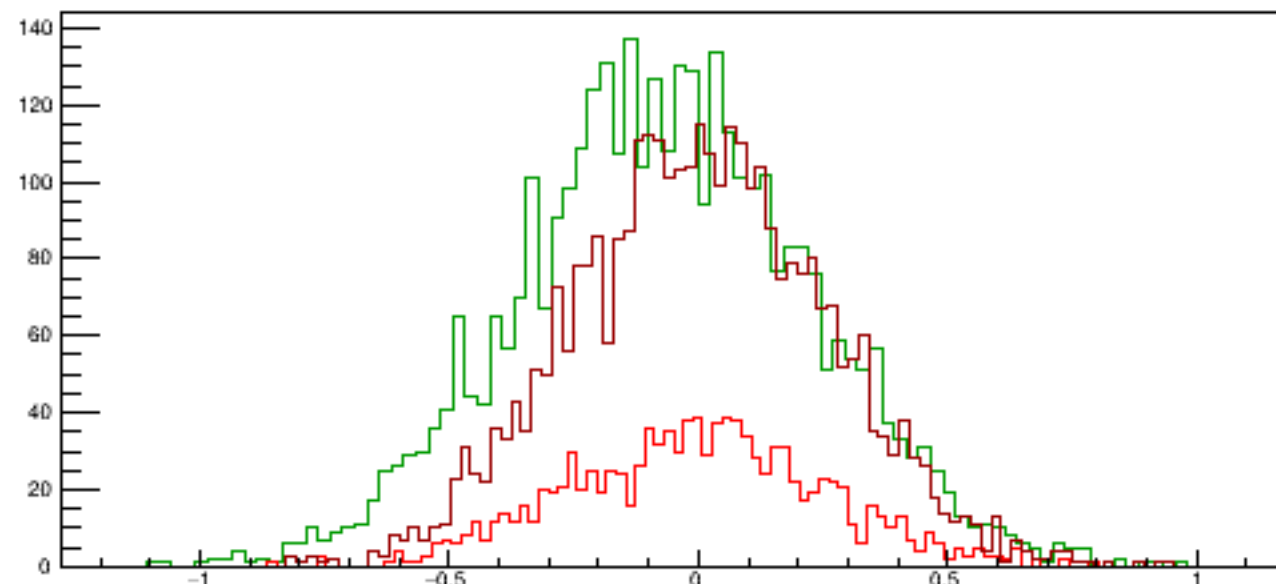
Std Dev: 0.2959 +/- 0.0035

Entries: 3412

Mean: 0.0020 +/- 0.0044

Std Dev: 0.2554 +/- 0.0031

Run 4369 quartetwise, Diffs



Cycle 19, Sums

Entries: 1124

Mean: 15.0664 +/- 0.0088

Std Dev: 0.2942 +/- 0.0062

Entries: 3675

Mean: 19.5724 +/- 0.0058

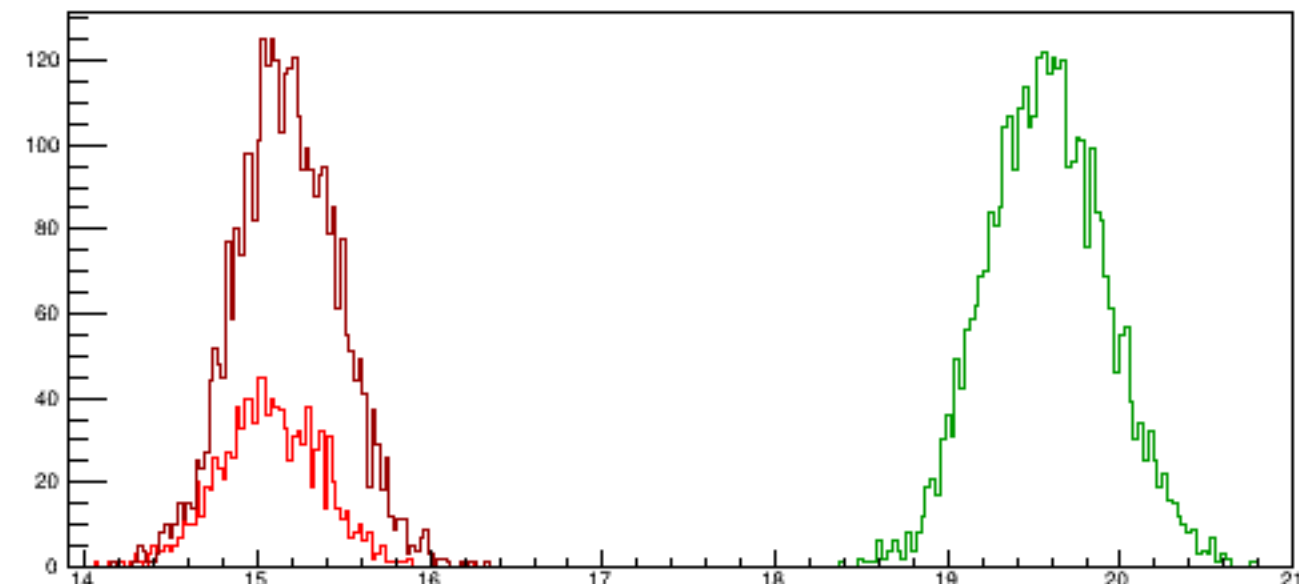
Std Dev: 0.3488 +/- 0.0041

Entries: 3412

Mean: 15.1729 +/- 0.0051

Std Dev: 0.2975 +/- 0.0036

Run 4369 quartetwise, Sums



Cycle 19, Asyms

Entries: 1124

Mean: -0.0008 +/- 0.0017

Std Dev: 0.0580 +/- 0.0012

Entries: 3675

Mean: -0.0152 +/- 0.0011

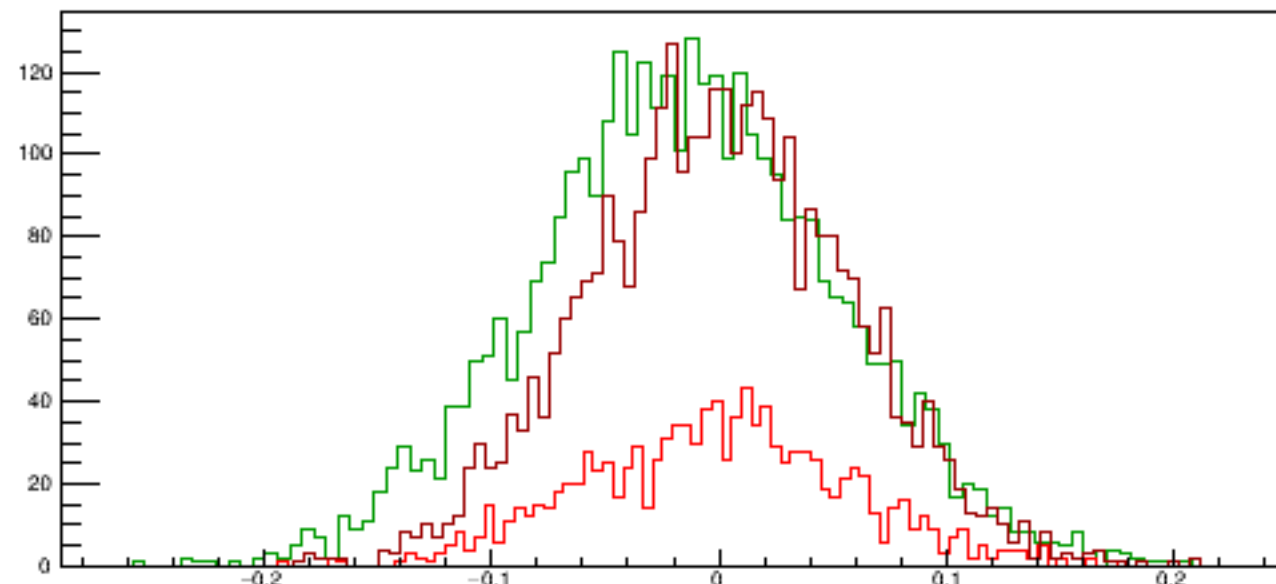
Std Dev: 0.0667 +/- 0.0008

Entries: 3412

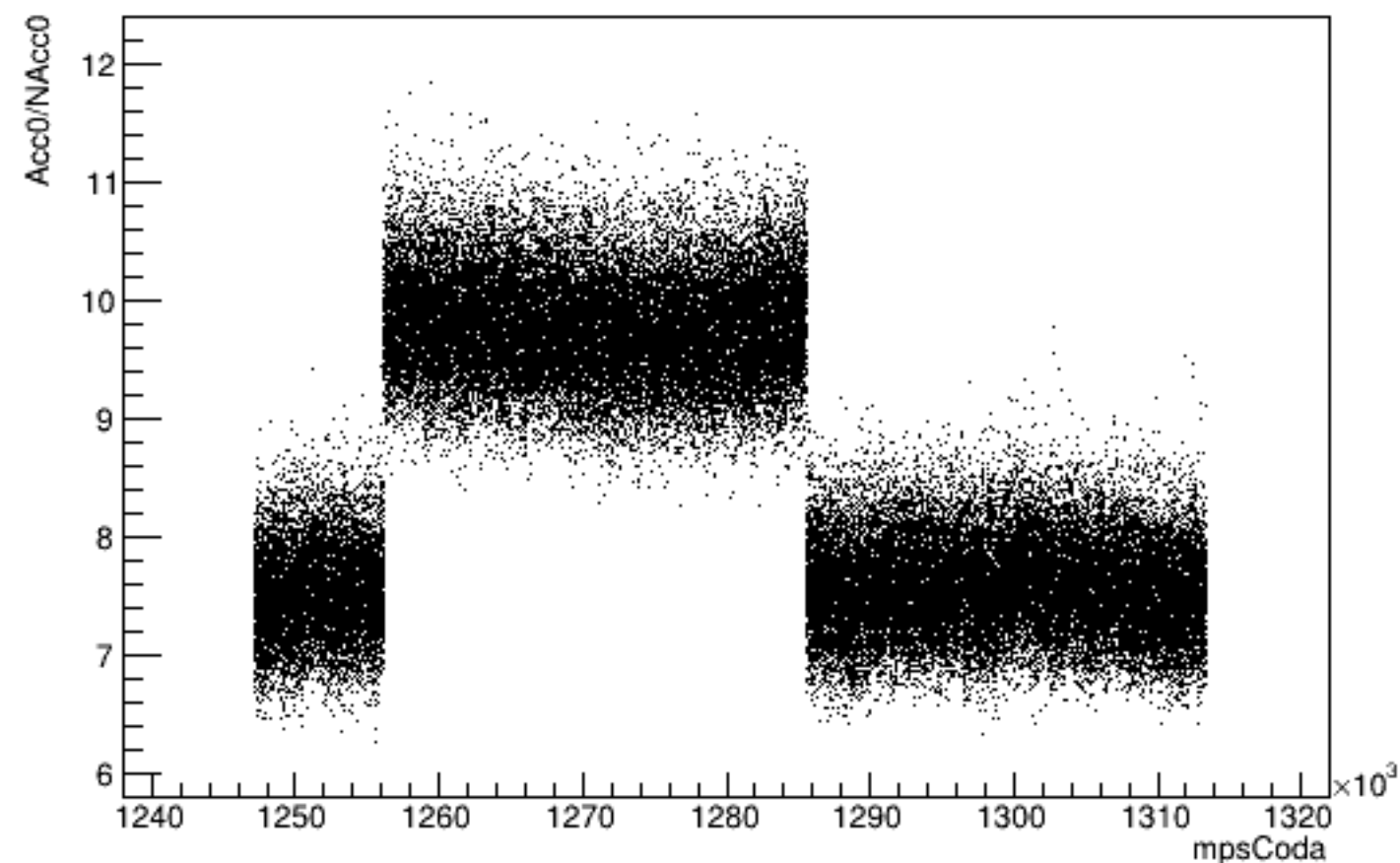
Mean: 0.0004 +/- 0.0010

Std Dev: 0.0574 +/- 0.0007

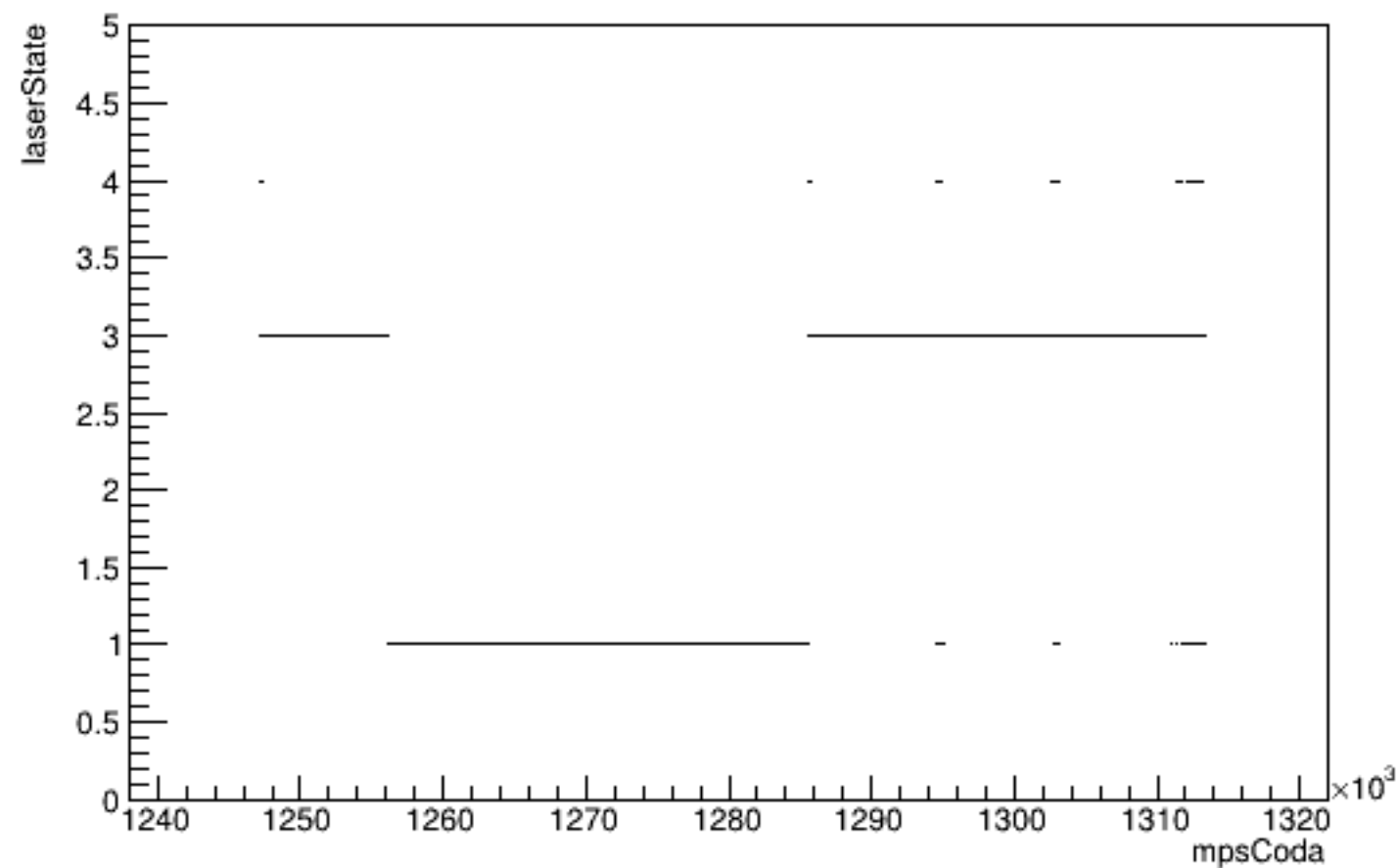
Run 4369 quartetwise, Asyms



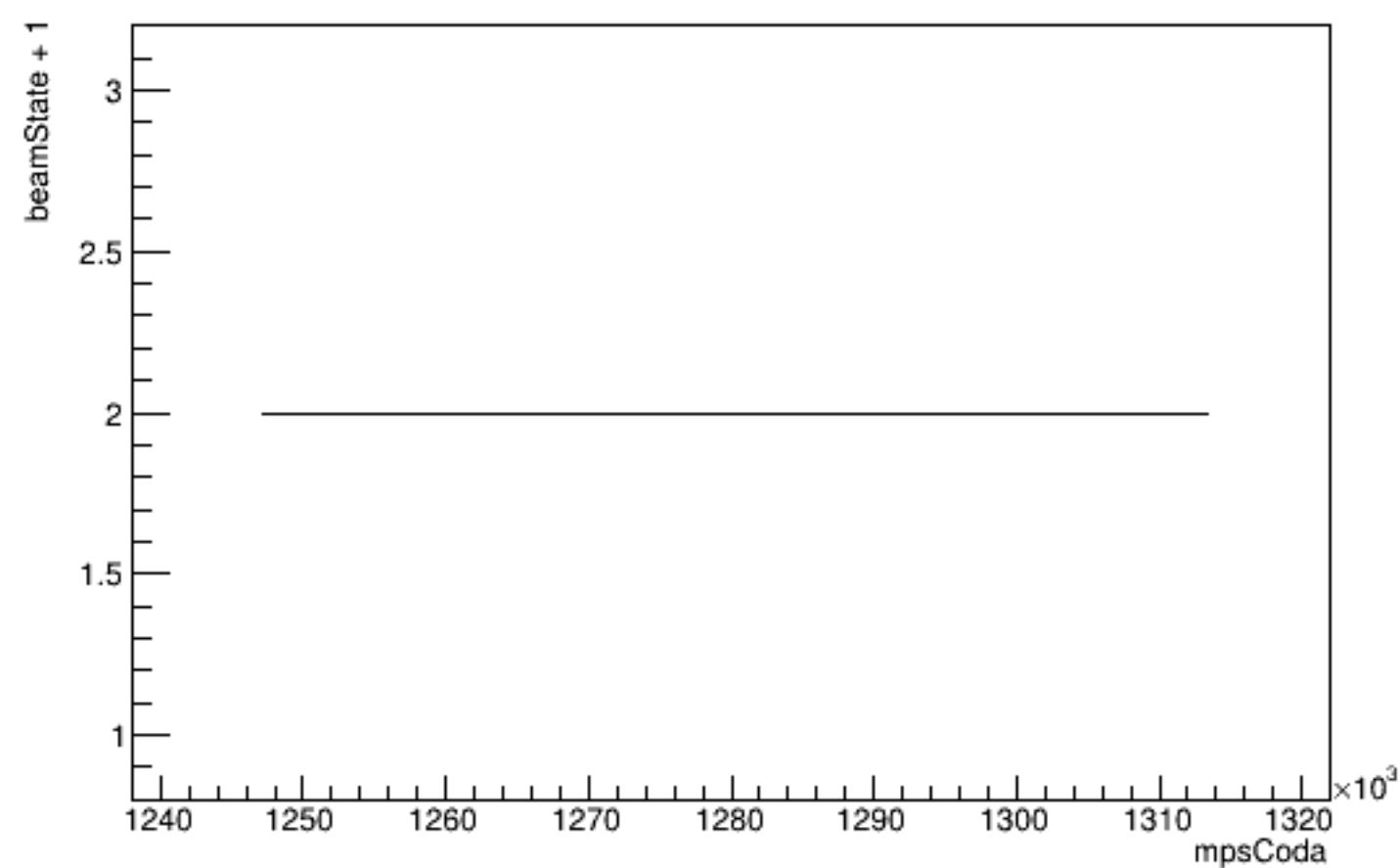
Acc0/NAcc0:mpsCoda (mpsCoda>=1247132 && mpsCoda<=1313363 && beamState==1)



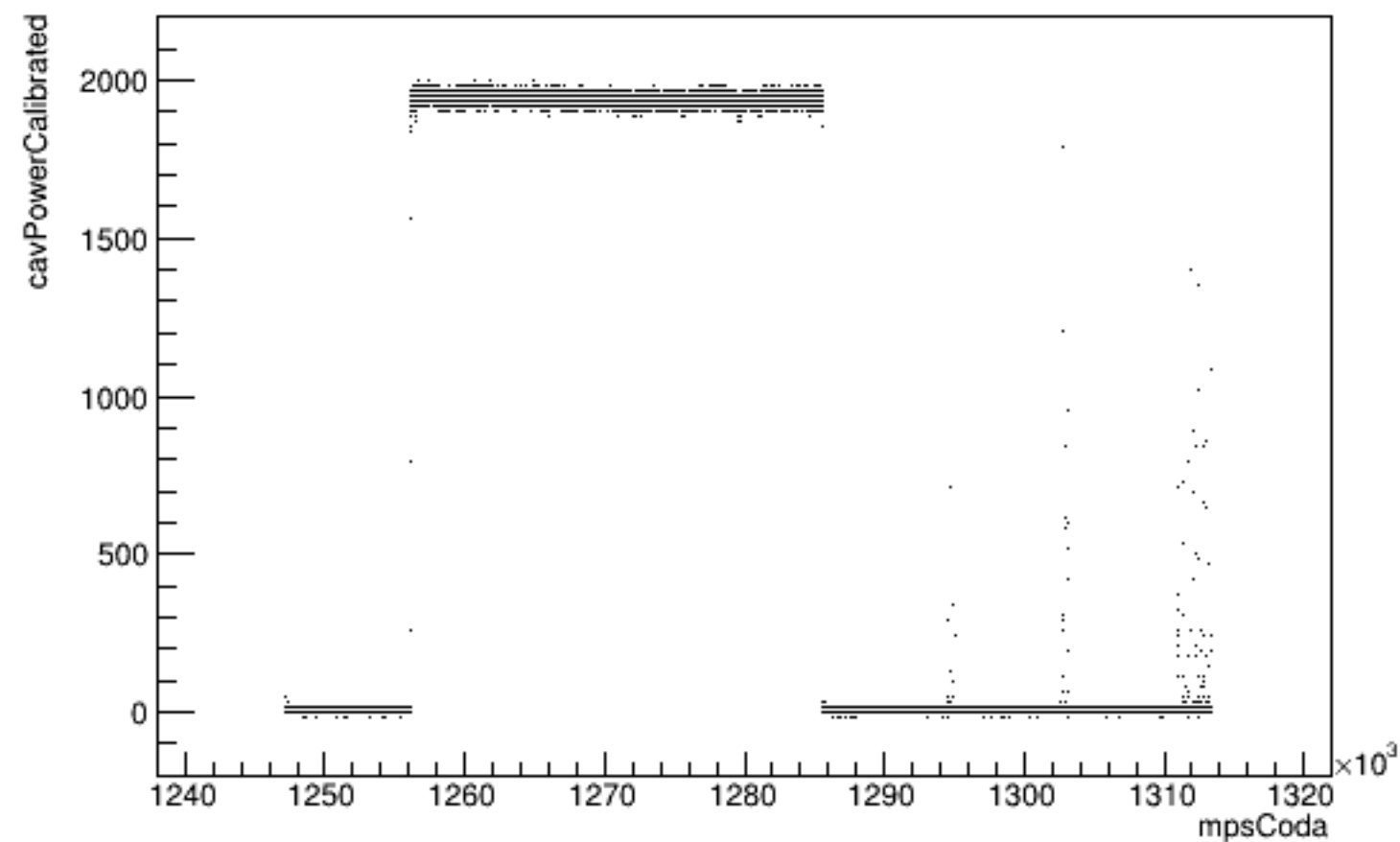
laserState:mpsCoda {mpsCoda>=1247132 && mpsCoda<=1313363}



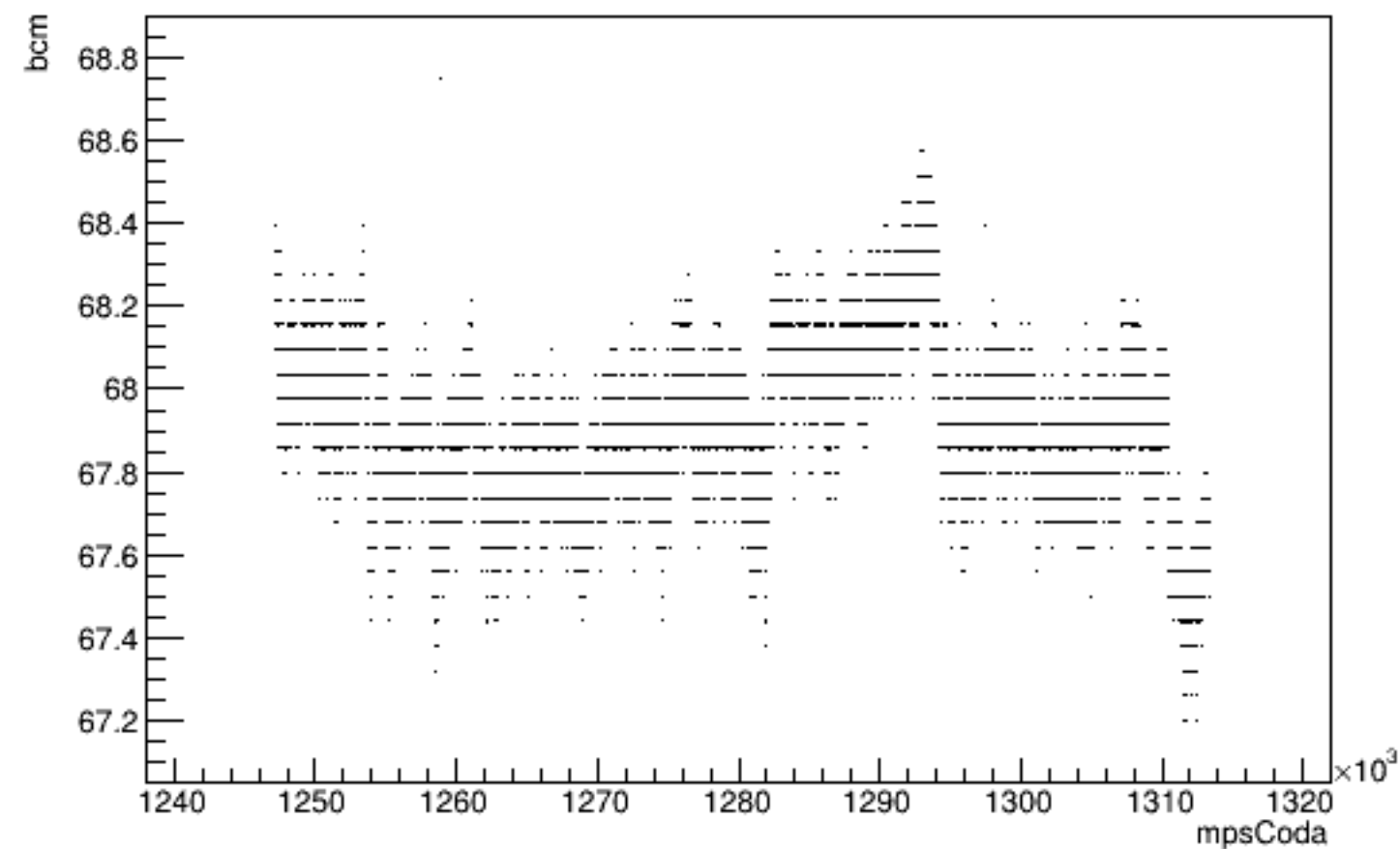
beamState + 1:mpsCoda {mpsCoda>=1247132 && mpsCoda<=1313363}



cavPowerCalibrated:mpsCoda {mpsCoda>=1247132 && mpsCoda<=1313363}



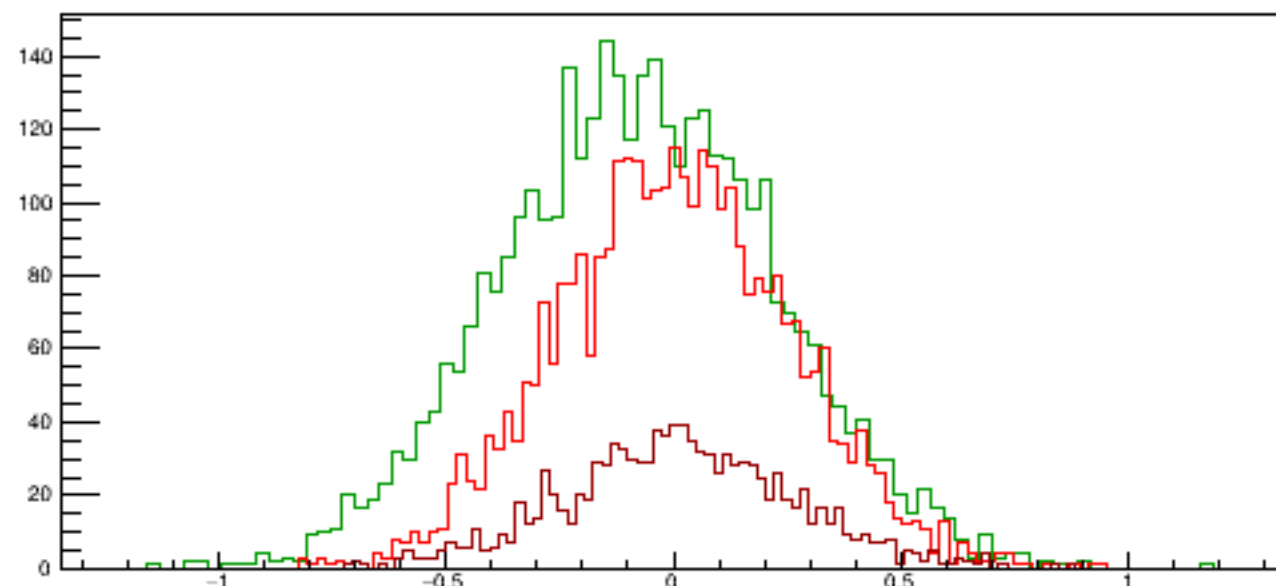
bcm:mpsCoda {mpsCoda>=1247132 && mpsCoda<=1313363}



Cycle 20, Diffs

Entries: 3412	Entries: 3761	Entries: 1112
Mean: 0.0020 +/- 0.0044	Mean: -0.0734 +/- 0.0049	Mean: 0.0093 +/- 0.0076
Std Dev: 0.2554 +/- 0.0031	Std Dev: 0.3034 +/- 0.0035	Std Dev: 0.2542 +/- 0.0054

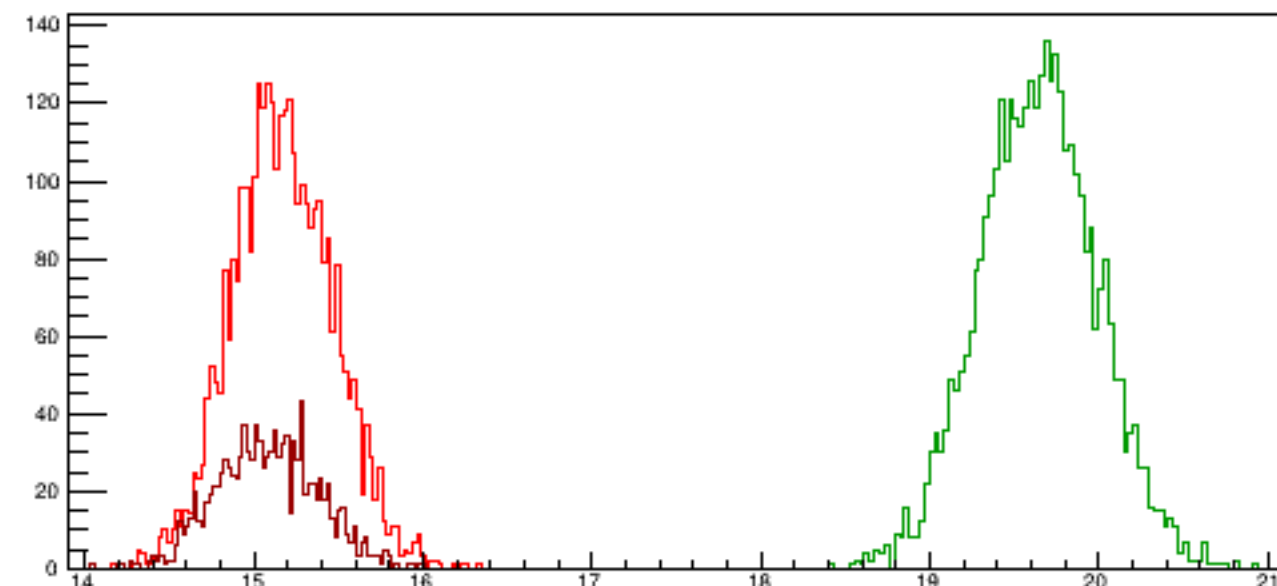
Run 4369 quartetwise, Diffs



Cycle 20, Sums

Entries: 3412	Entries: 3761	Entries: 1112
Mean: 15.1729 +/- 0.0051	Mean: 19.6409 +/- 0.0057	Mean: 15.0847 +/- 0.0089
Std Dev: 0.2975 +/- 0.0036	Std Dev: 0.3470 +/- 0.0040	Std Dev: 0.2971 +/- 0.0063

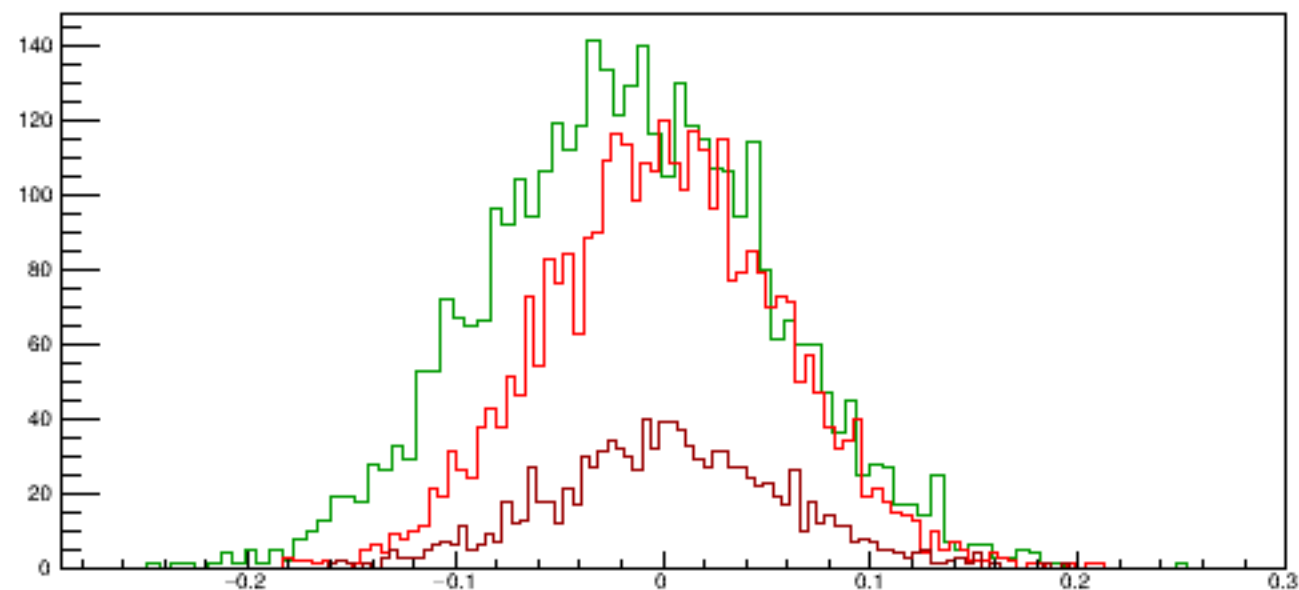
Run 4369 quartetwise, Sums



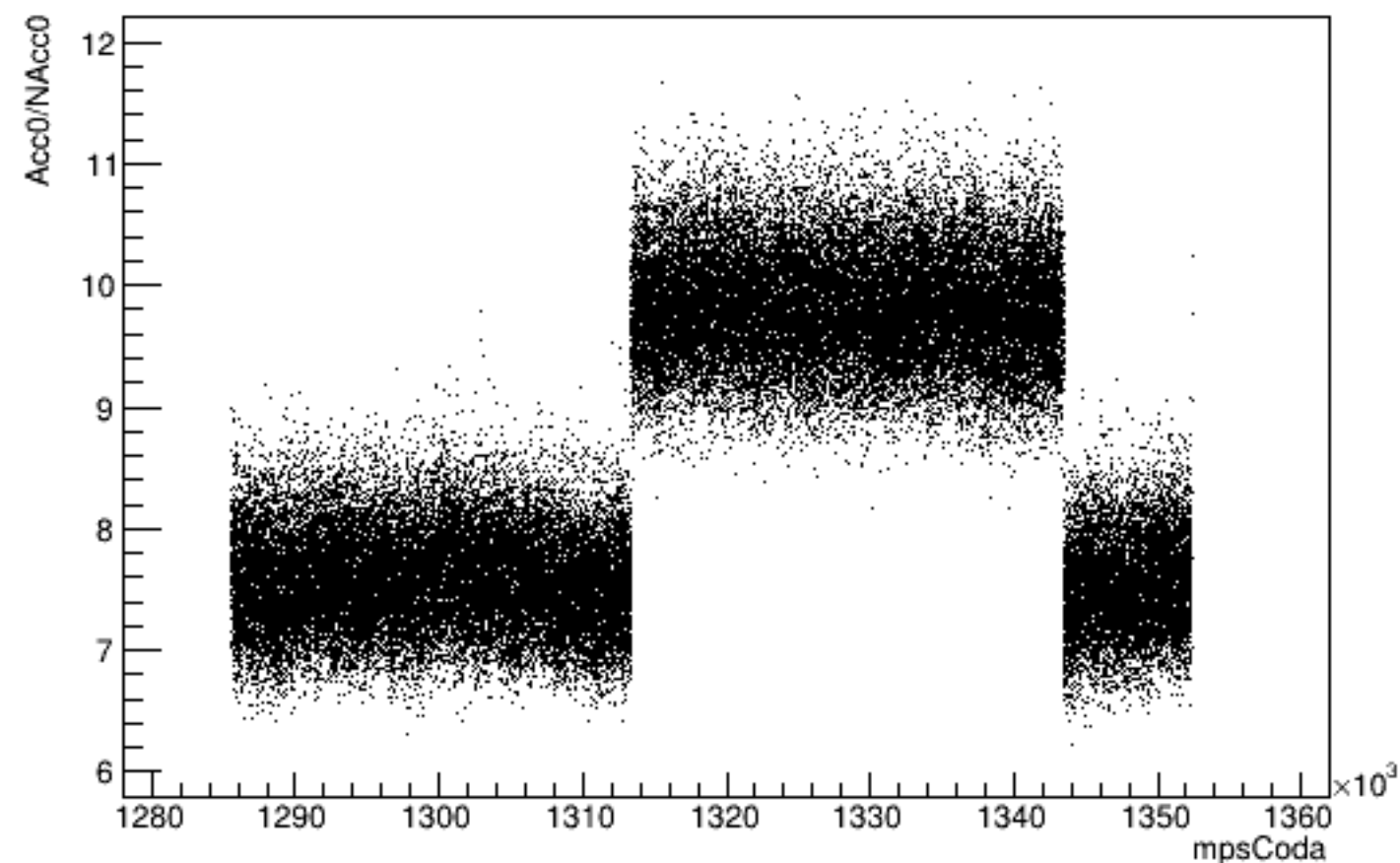
Cycle 20, Asyms

Entries: 3412	Entries: 3761	Entries: 1112
Mean: 0.0004 +/- 0.0010	Mean: -0.0163 +/- 0.0011	Mean: 0.0021 +/- 0.0017
Std Dev: 0.0566 +/- 0.0007	Std Dev: 0.0674 +/- 0.0008	Std Dev: 0.0563 +/- 0.0012

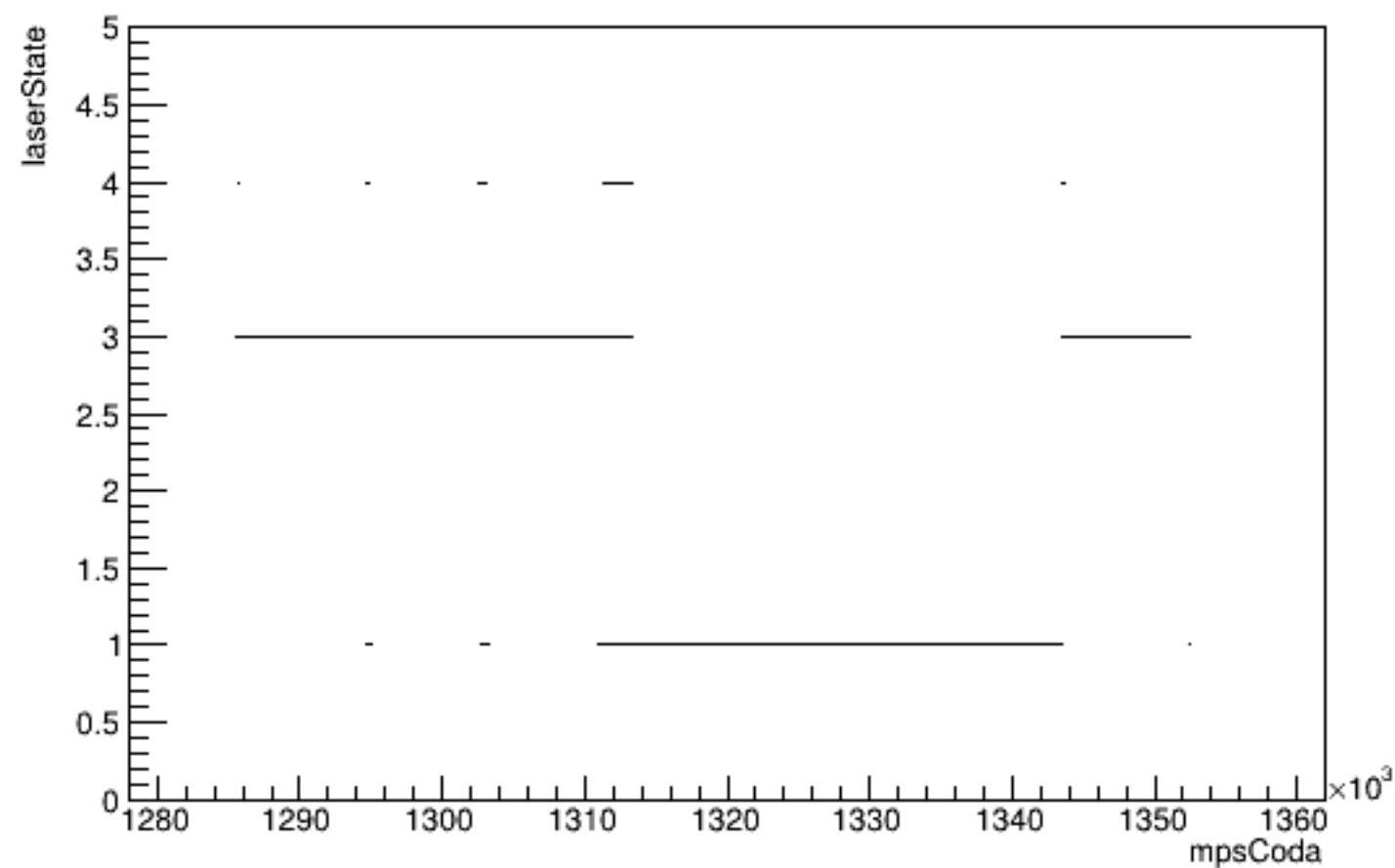
Run 4369 quartetwise, Asyms



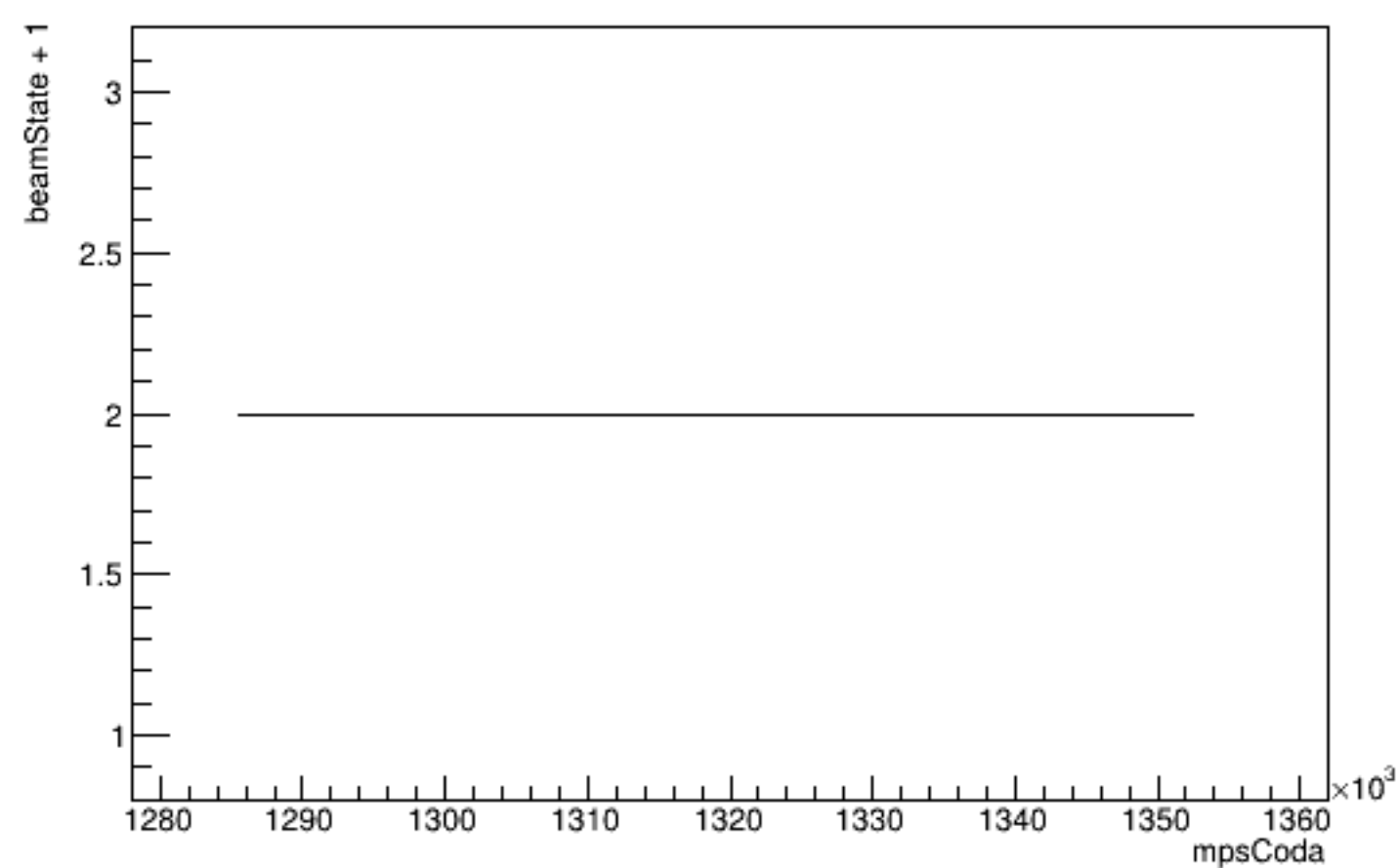
Acc0/NAcc0:mpsCoda (mpsCoda>=1285556 && mpsCoda<=1352379 && beamState==1)



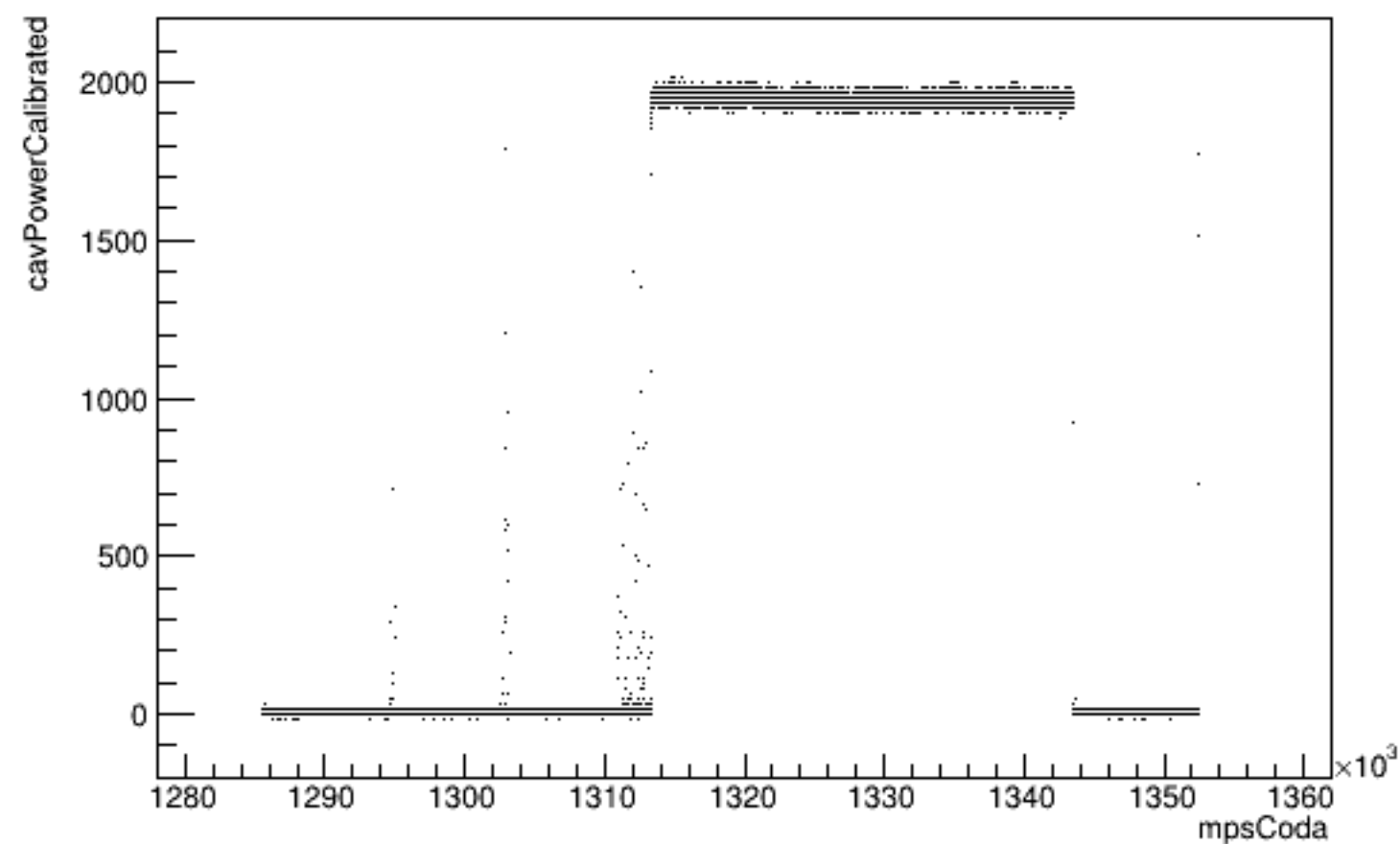
laserState:mpsCoda {mpsCoda>=1285556 && mpsCoda<=1352379}



beamState + 1:mpsCoda {mpsCoda>=1285556 && mpsCoda<=1352379}



cavPowerCalibrated:mpsCoda {mpsCoda>=1285556 && mpsCoda<=1352379}



bcm:mpsCoda {mpsCoda>=1285556 && mpsCoda<=1352379}

