

Cycle 1, Diffs

Entries: 1845

Mean: 0.0228 +/- 0.0084

Std Dev: 0.3601 +/- 0.0059

Entries: 4652

Mean: -0.0519 +/- 0.0057

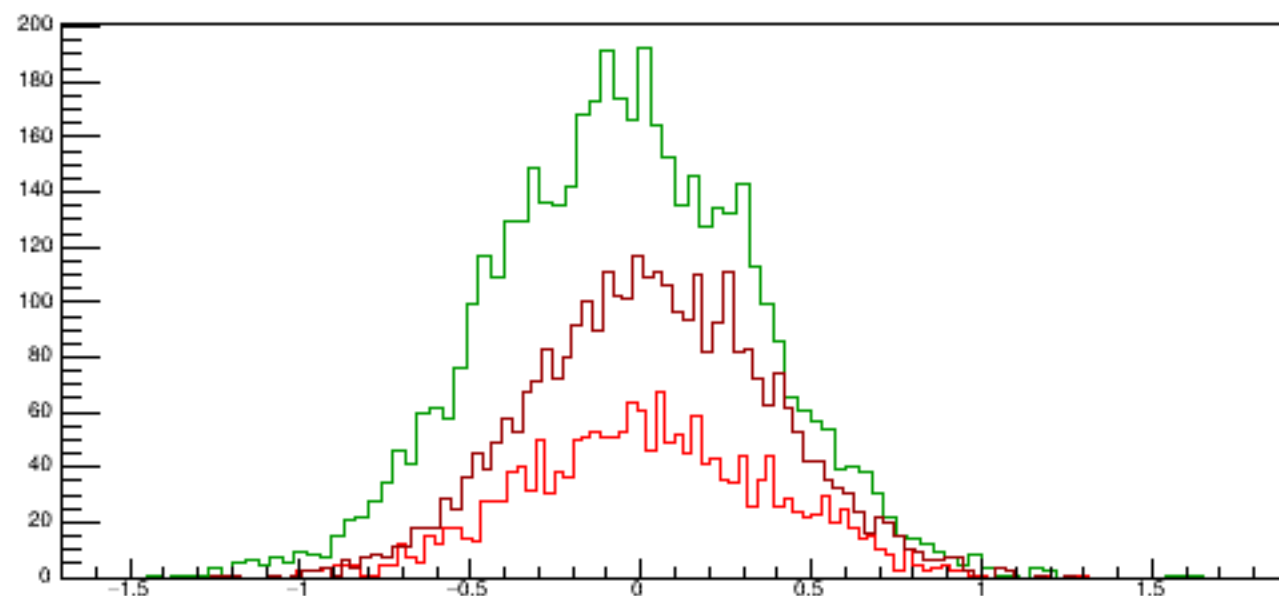
Std Dev: 0.3867 +/- 0.0040

Entries: 3275

Mean: 0.0334 +/- 0.0061

Std Dev: 0.3508 +/- 0.0043

Run 4461 quartetwise, Diffs



Cycle 1, Sums

Entries: 1845

Mean: 16.4948 +/- 0.0141

Std Dev: 0.6064 +/- 0.0100

Entries: 4652

Mean: 22.1810 +/- 0.0099

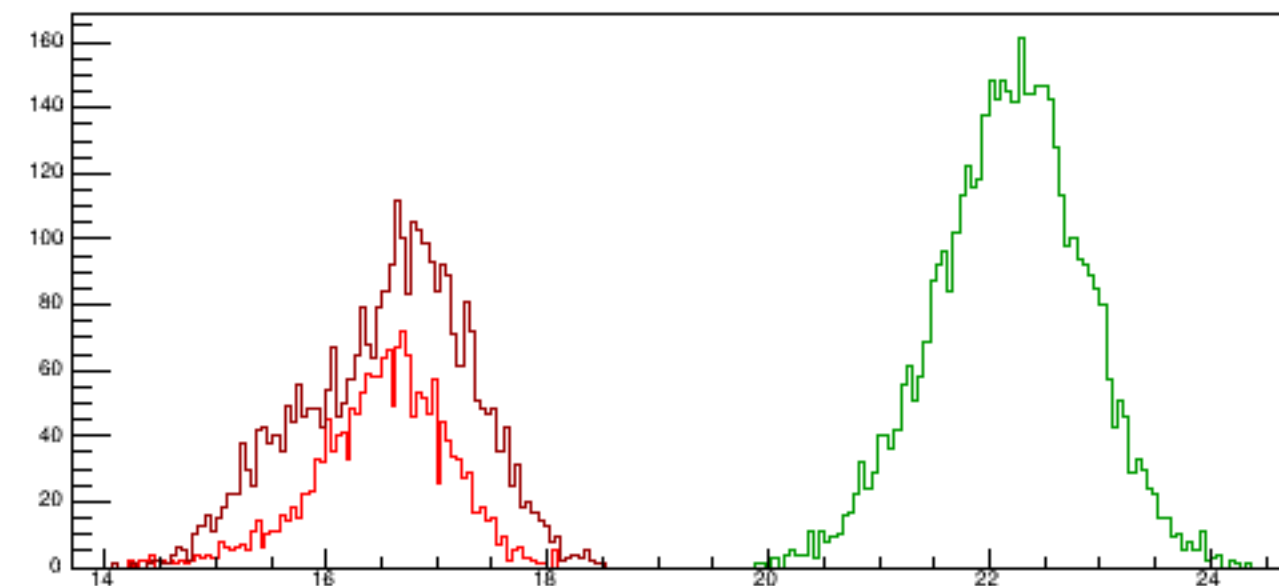
Std Dev: 0.6781 +/- 0.0070

Entries: 3275

Mean: 16.5470 +/- 0.0131

Std Dev: 0.7491 +/- 0.0093

Run 4461 quartetwise, Sums



Cycle 1, Asyms

Entries: 1845

Mean: 0.0040 +/- 0.0015

Std Dev: 0.0636 +/- 0.0010

Entries: 4652

Mean: -0.0093 +/- 0.0010

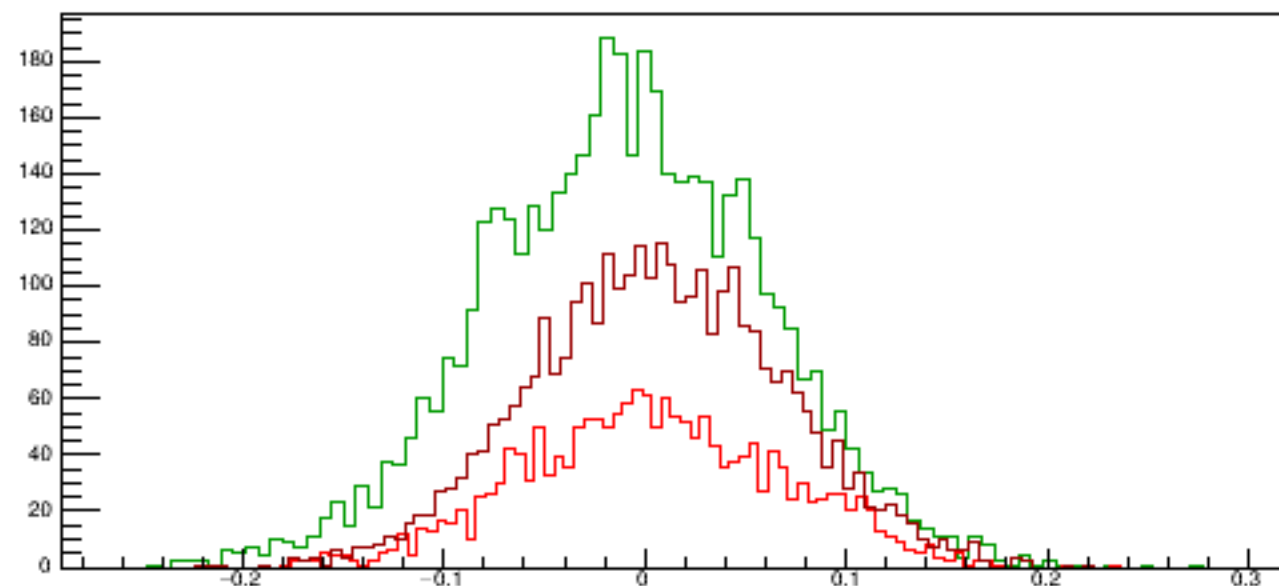
Std Dev: 0.0689 +/- 0.0007

Entries: 3275

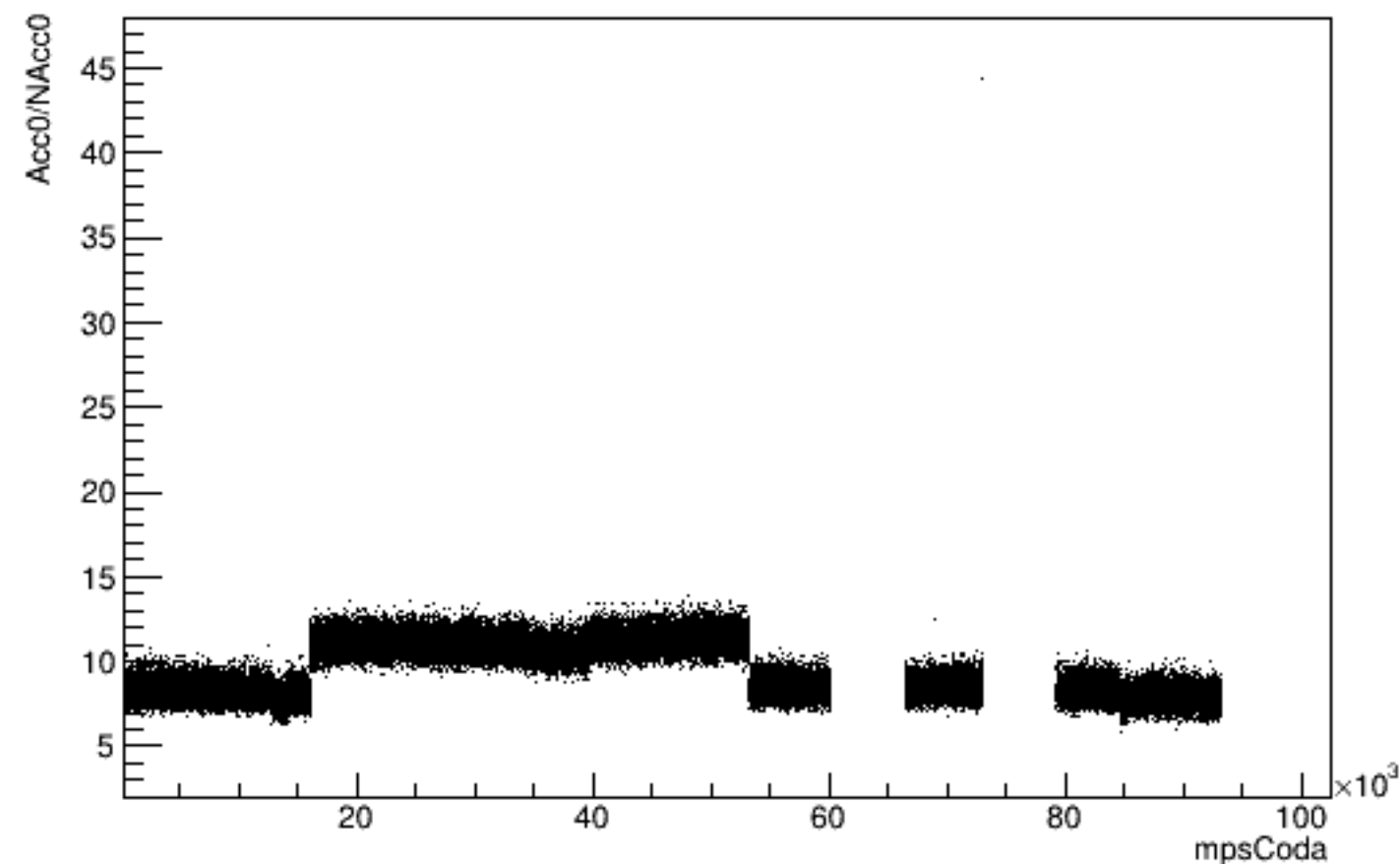
Mean: 0.0059 +/- 0.0011

Std Dev: 0.0620 +/- 0.0008

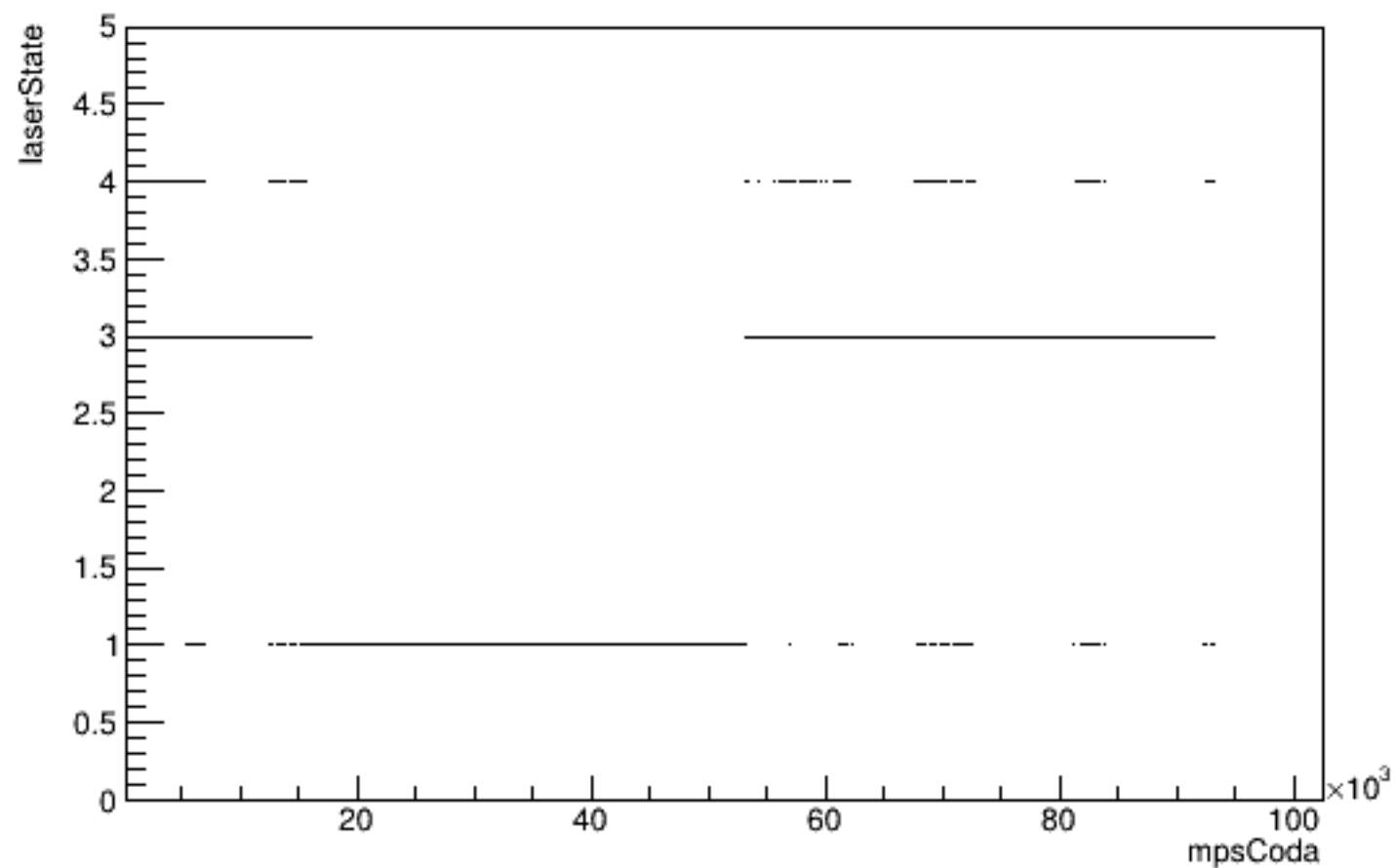
Run 4461 quartetwise, Asyms



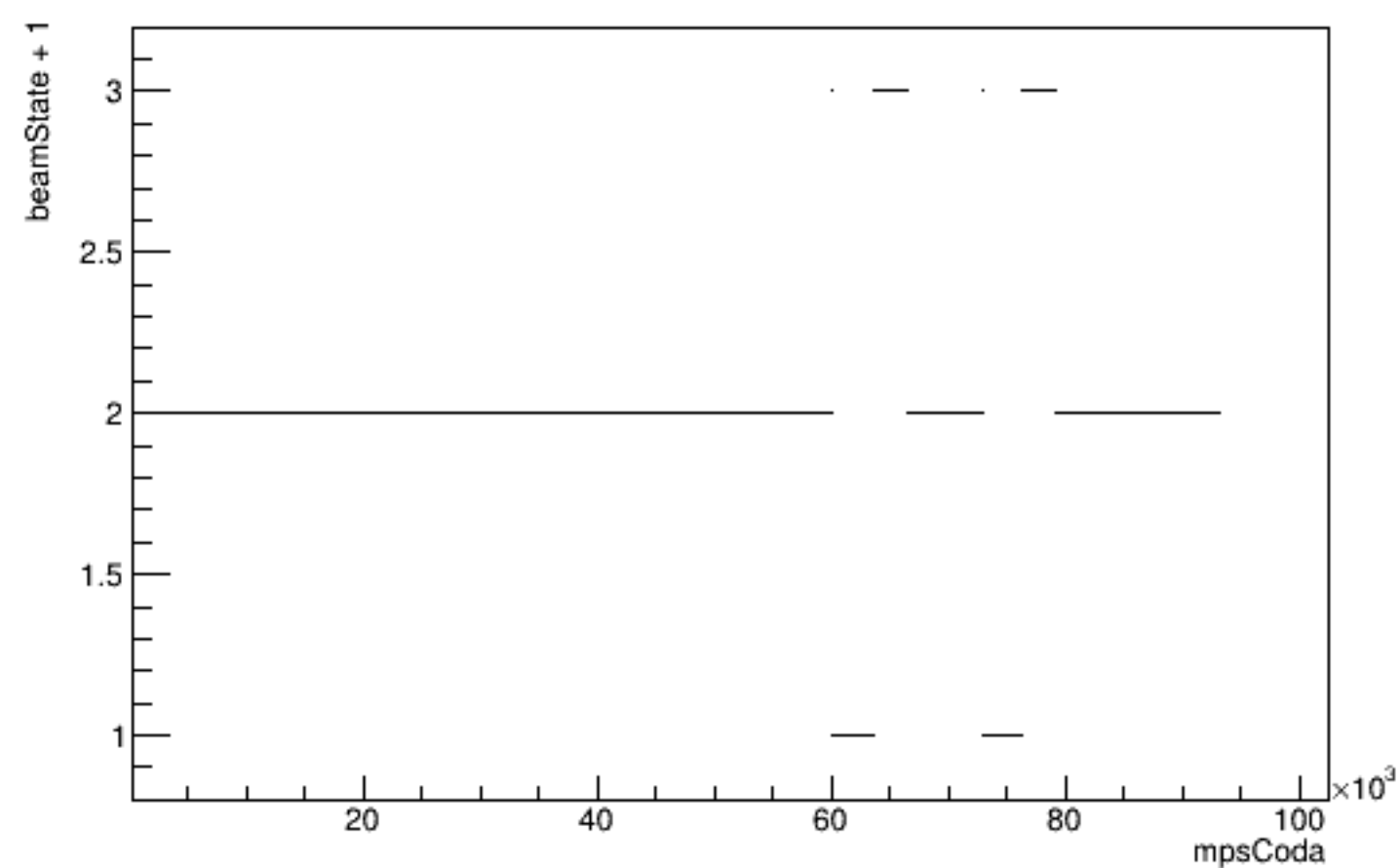
Acc0/NAcc0:mpsCoda {mpsCoda>=296 && mpsCoda<=93143 && beamState==1}



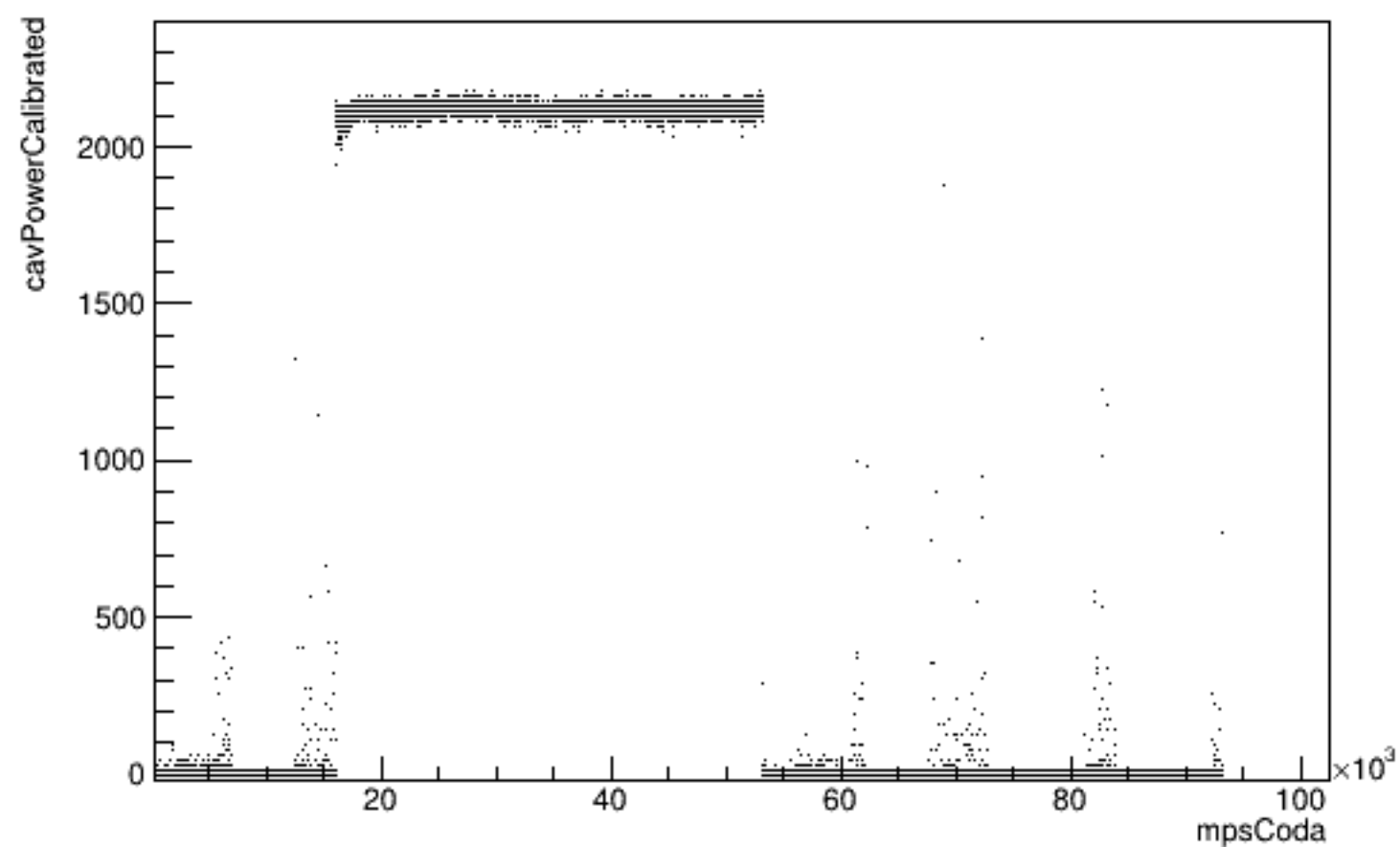
laserState:mpsCoda {mpsCoda>=296 && mpsCoda<=93143}



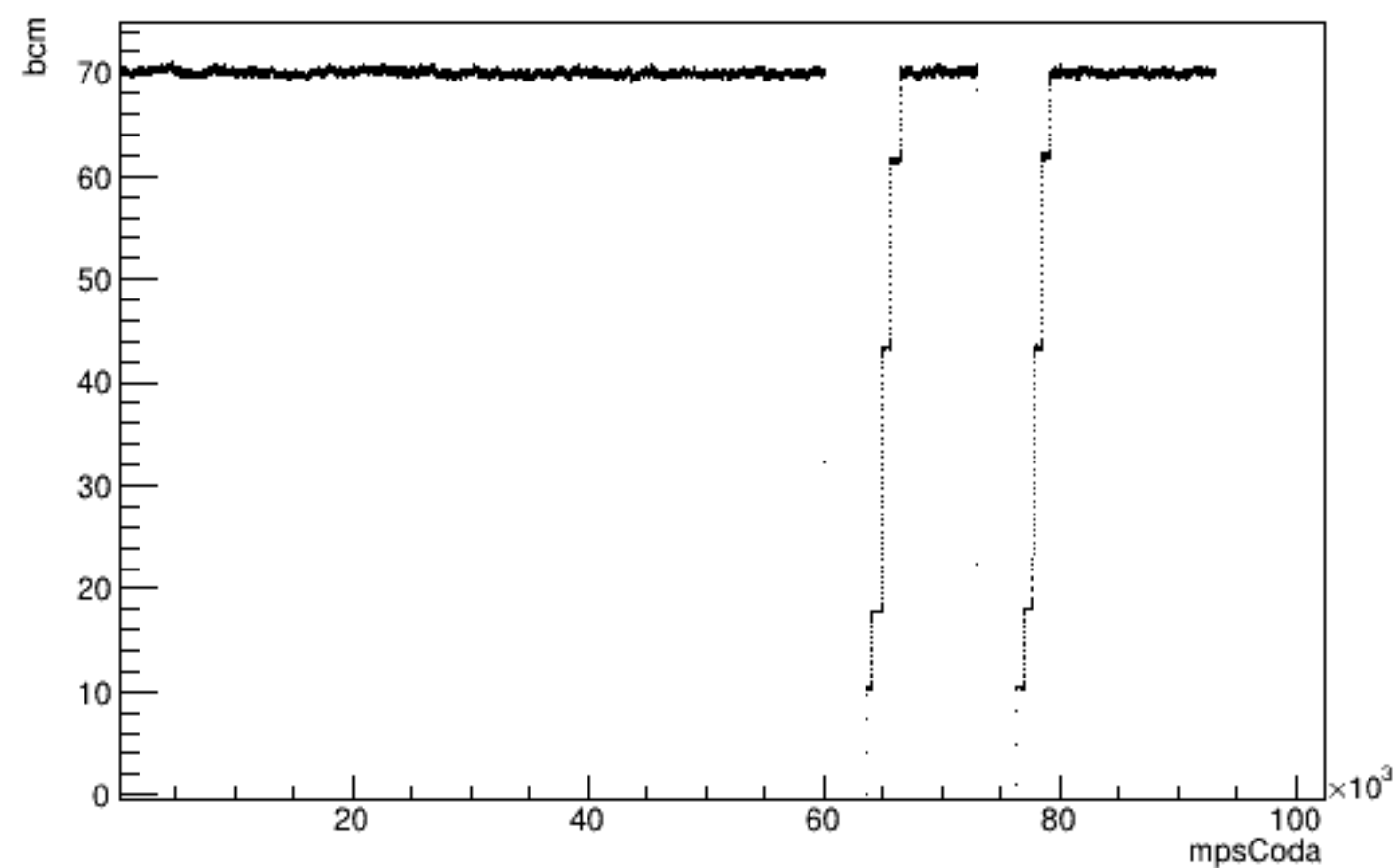
beamState + 1:mpsCoda {mpsCoda>=296 && mpsCoda<=93143}



cavPowerCalibrated:mpsCoda {mpsCoda>=296 && mpsCoda<=93143}



bcm:mpsCoda {mpsCoda>=296 && mpsCoda<=93143}



Cycle 2, Diffs

Entries: 3275

Mean: 0.0334 +/- 0.0061

Std Dev: 0.3508 +/- 0.0043

Entries: 4261

Mean: -0.0429 +/- 0.0059

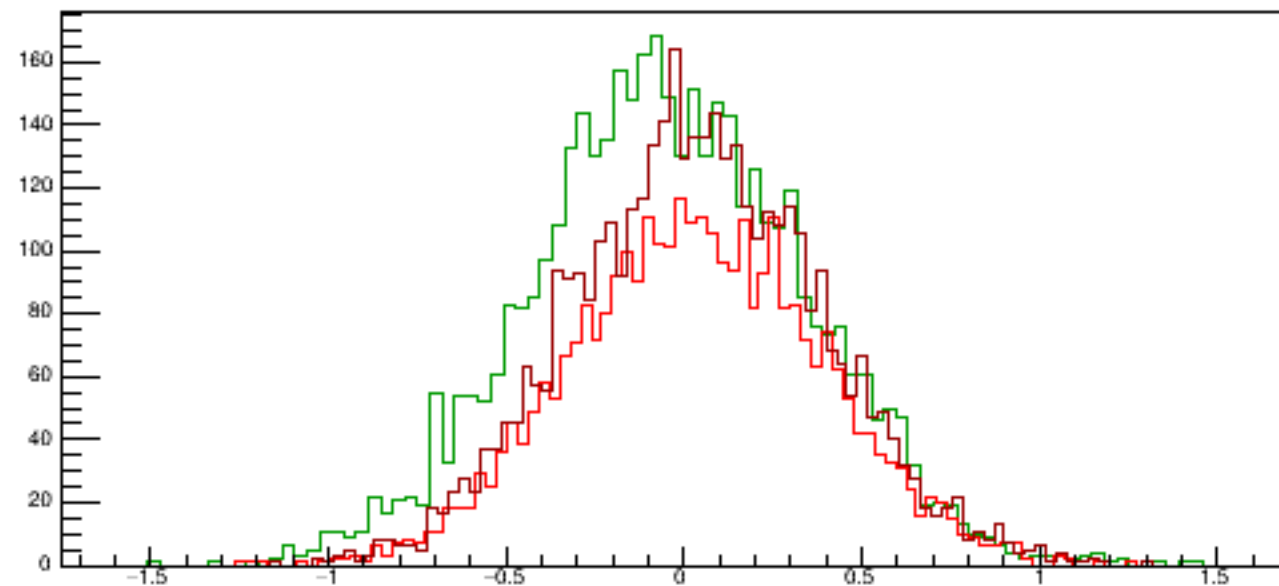
Std Dev: 0.3857 +/- 0.0042

Entries: 4070

Mean: 0.0355 +/- 0.0055

Std Dev: 0.3502 +/- 0.0039

Run 4461 quartetwise, Diffs



Cycle 2, Sums

Entries: 3275

Mean: 16.5470 +/- 0.0131

Std Dev: 0.7491 +/- 0.0093

Entries: 4261

Mean: 21.9042 +/- 0.0105

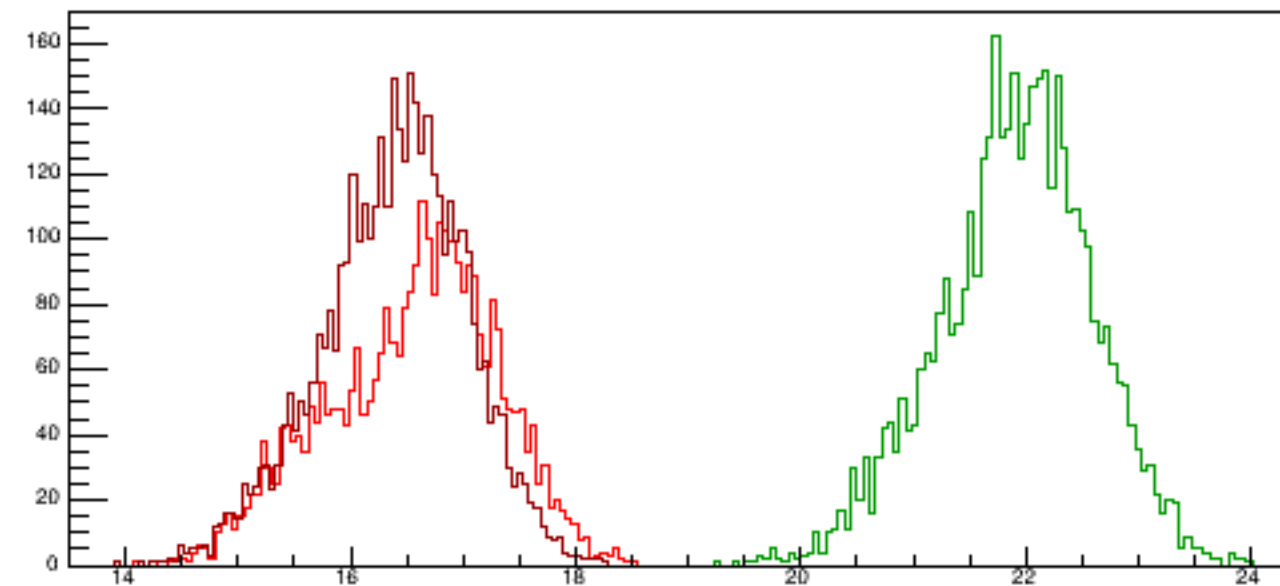
Std Dev: 0.6860 +/- 0.0074

Entries: 4070

Mean: 16.3841 +/- 0.0101

Std Dev: 0.6439 +/- 0.0071

Run 4461 quartetwise, Sums



Cycle 2, Asyms

Entries: 3275

Mean: 0.0061 +/- 0.0011

Std Dev: 0.0645 +/- 0.0008

Entries: 4261

Mean: -0.0078 +/- 0.0011

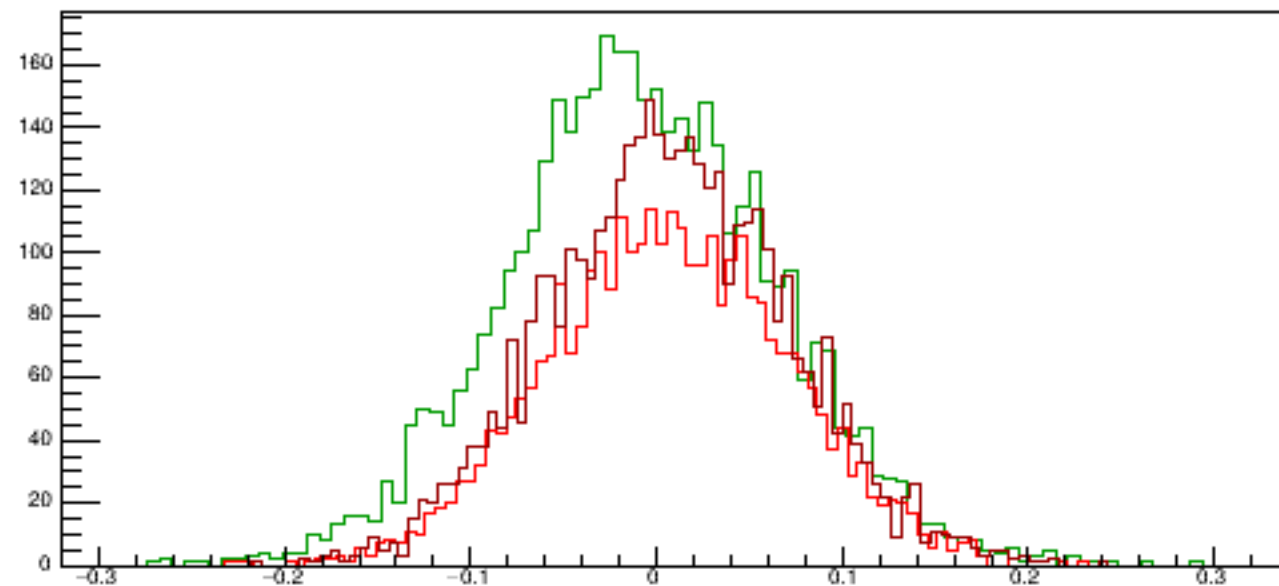
Std Dev: 0.0722 +/- 0.0008

Entries: 4070

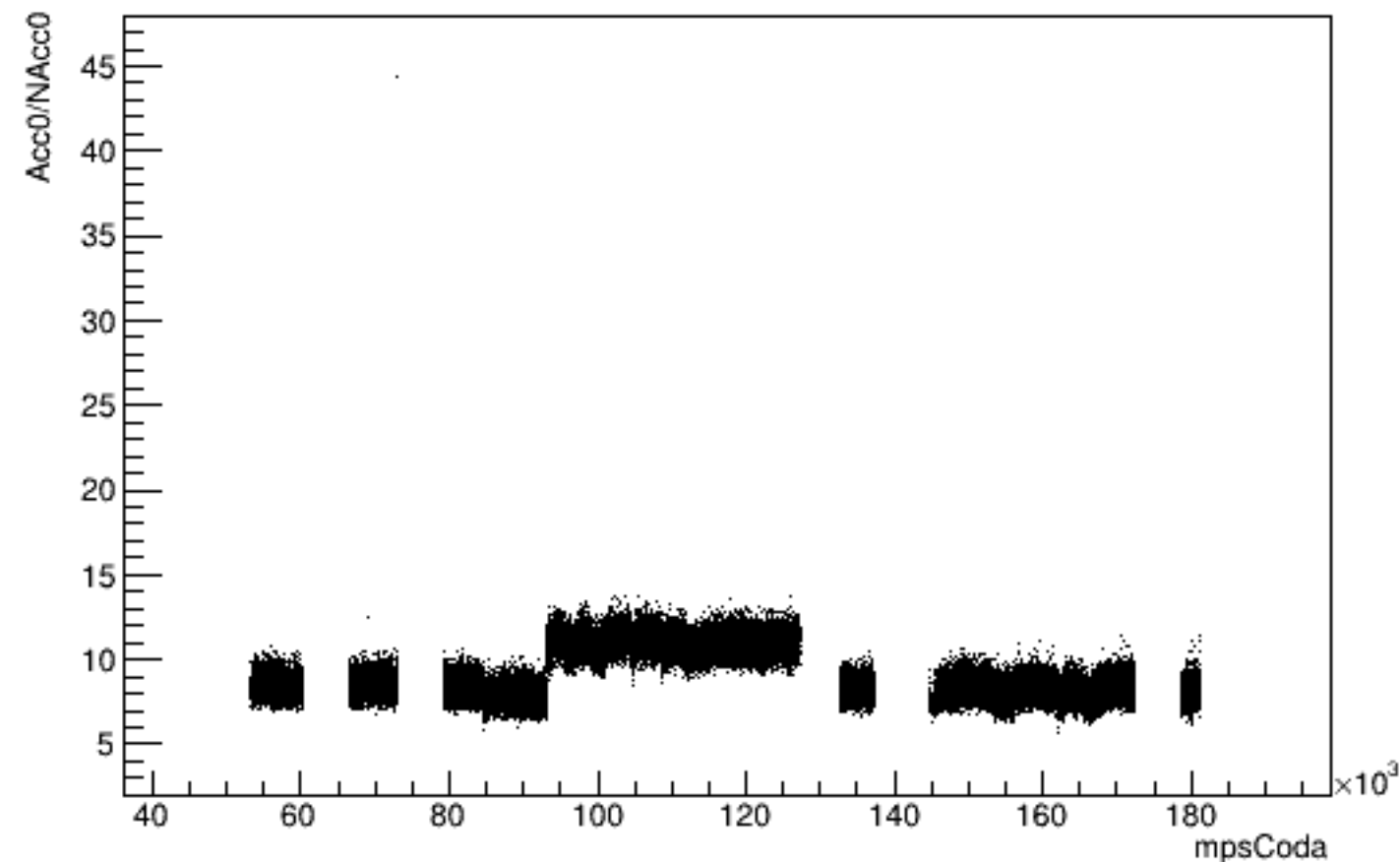
Mean: 0.0065 +/- 0.0010

Std Dev: 0.0644 +/- 0.0007

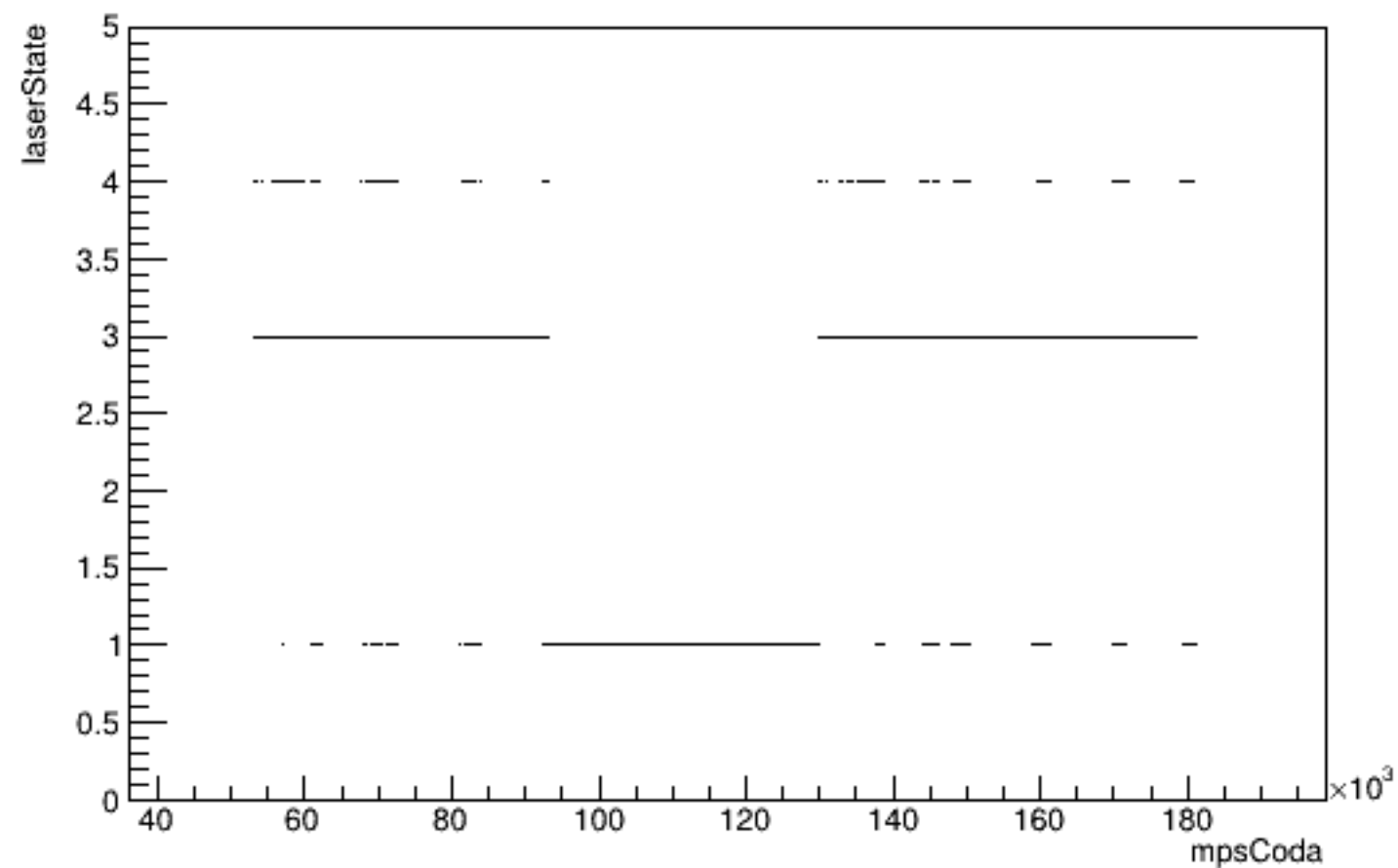
Run 4461 quartetwise, Asyms



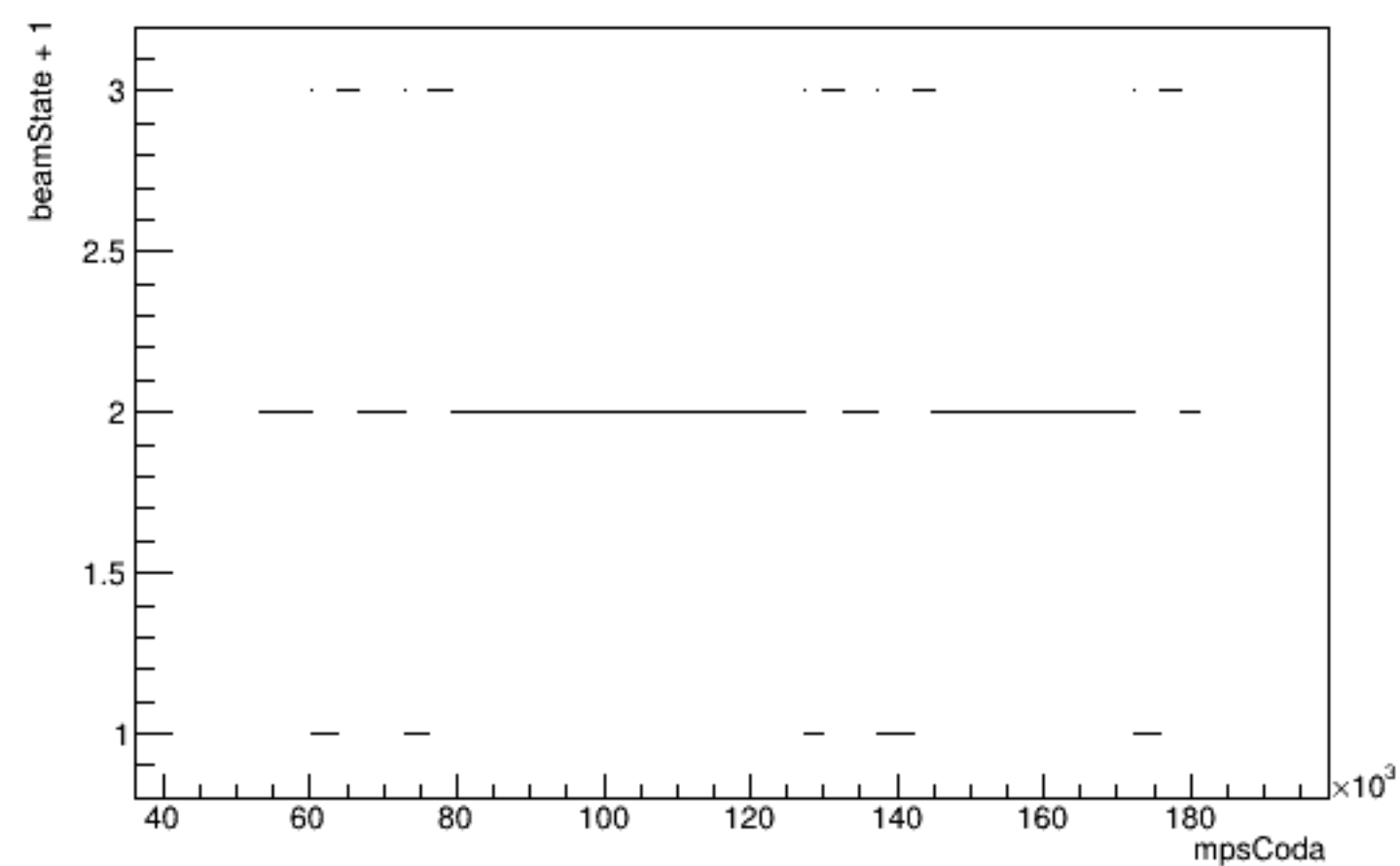
Acc0/NAcc0:mpsCoda {mpsCoda>=53264 && mpsCoda<=181151 && beamState==1}



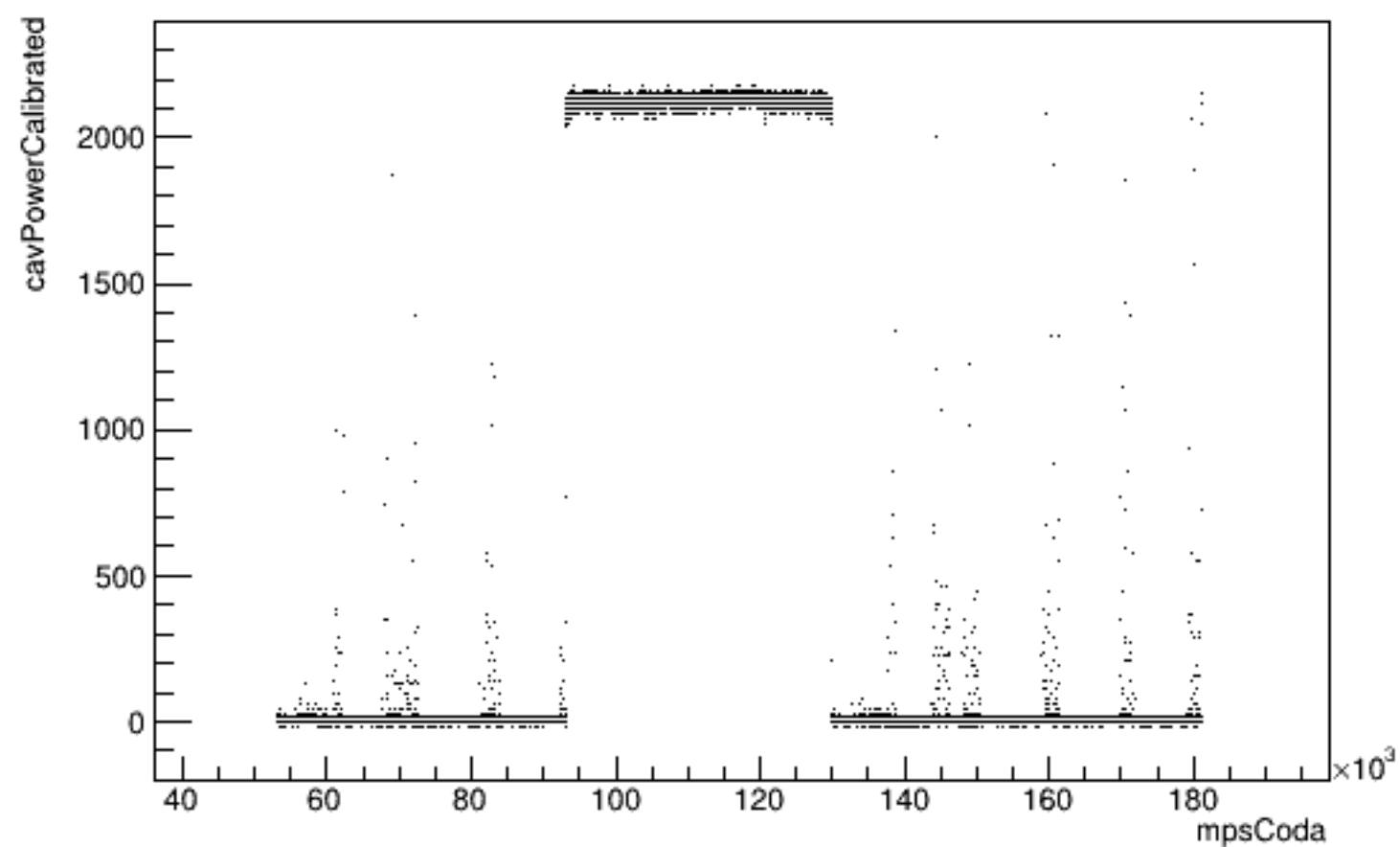
laserState:mpsCoda {mpsCoda>=53264 && mpsCoda<=181151}



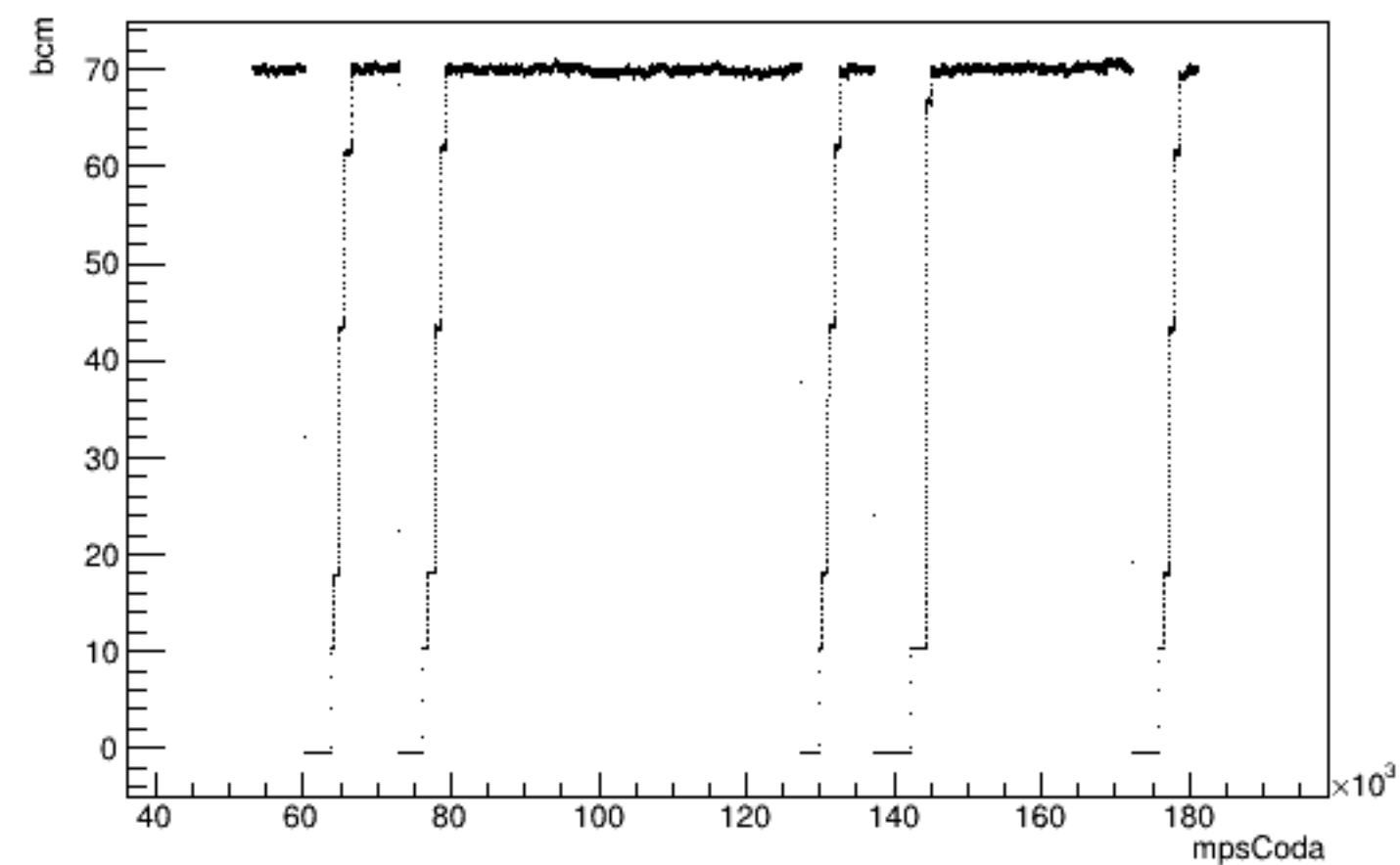
beamState + 1:mpsCoda {mpsCoda>=53264 && mpsCoda<=181151}



cavPowerCalibrated:mpsCoda {mpsCoda>=53264 && mpsCoda<=181151}



bcm:mpsCoda {mpsCoda>=53264 && mpsCoda<=181151}



Cycle 3, Diffs

Entries: 4070

Mean: 0.0355 +/- 0.0055

Std Dev: 0.3502 +/- 0.0039

Entries: 4586

Mean: -0.0465 +/- 0.0056

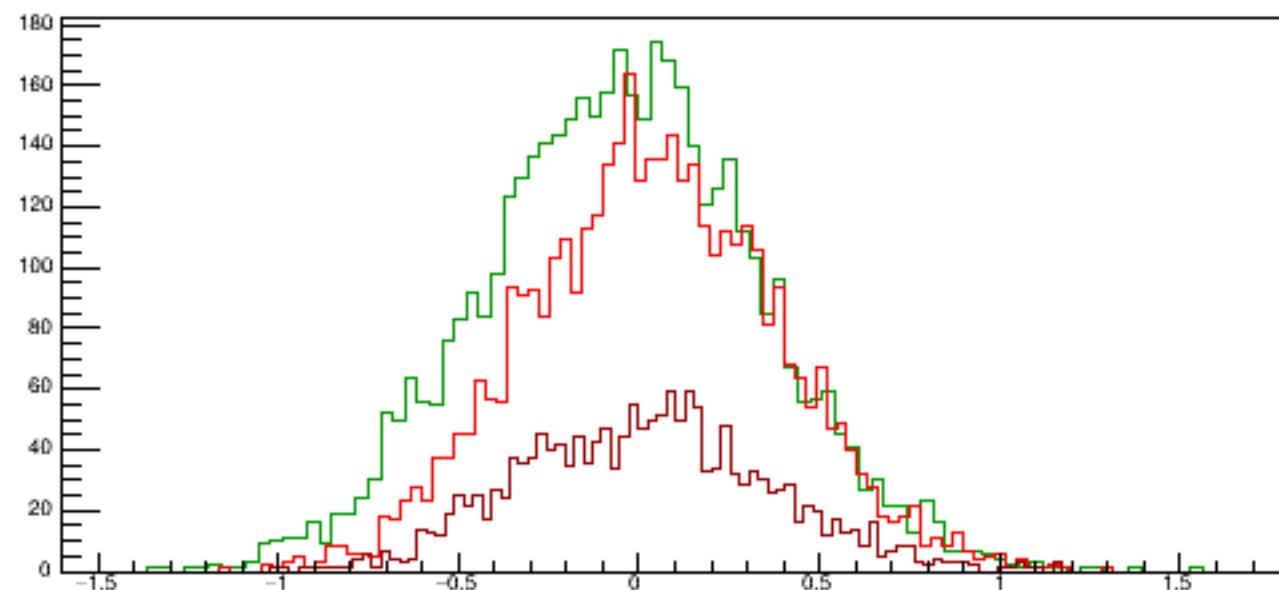
Std Dev: 0.3816 +/- 0.0040

Entries: 1697

Mean: 0.0176 +/- 0.0084

Std Dev: 0.3468 +/- 0.0060

Run 4461 quartetwise, Diffs



Cycle 3, Sums

Entries: 4070

Mean: 16.3841 +/- 0.0101

Std Dev: 0.6439 +/- 0.0071

Entries: 4586

Mean: 22.0369 +/- 0.0113

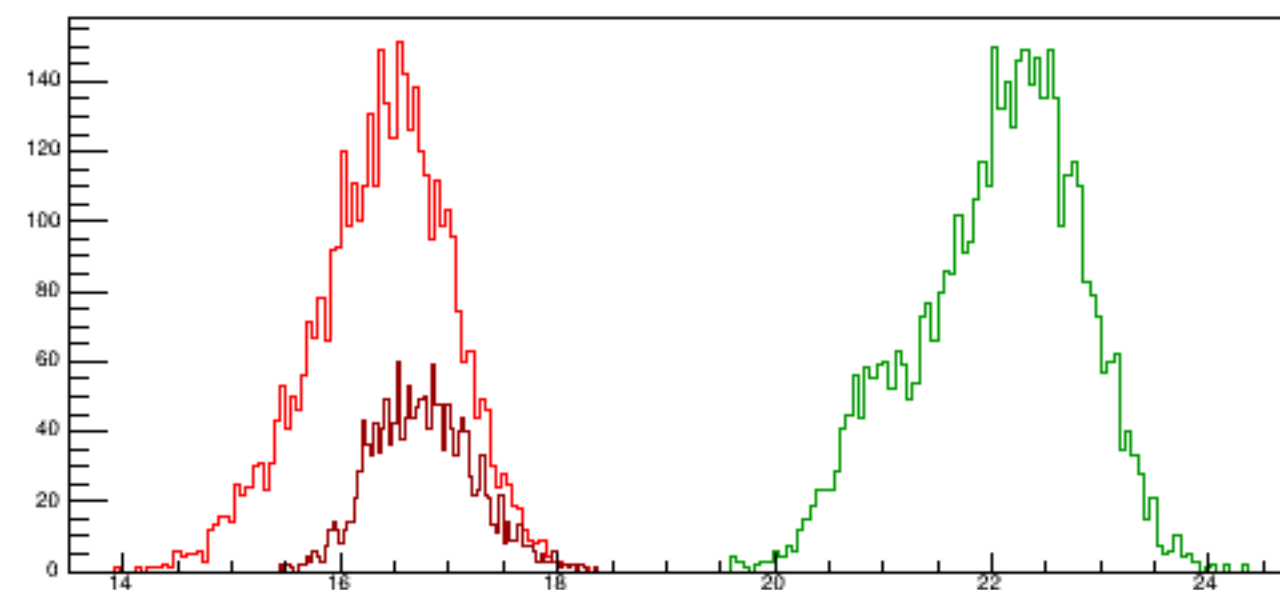
Std Dev: 0.7675 +/- 0.0080

Entries: 1697

Mean: 16.7660 +/- 0.0114

Std Dev: 0.4708 +/- 0.0081

Run 4461 quartetwise, Sums



Cycle 3, Asyms

Entries: 4070

Mean: 0.0065 +/- 0.0010

Std Dev: 0.0641 +/- 0.0007

Entries: 4586

Mean: -0.0087 +/- 0.0011

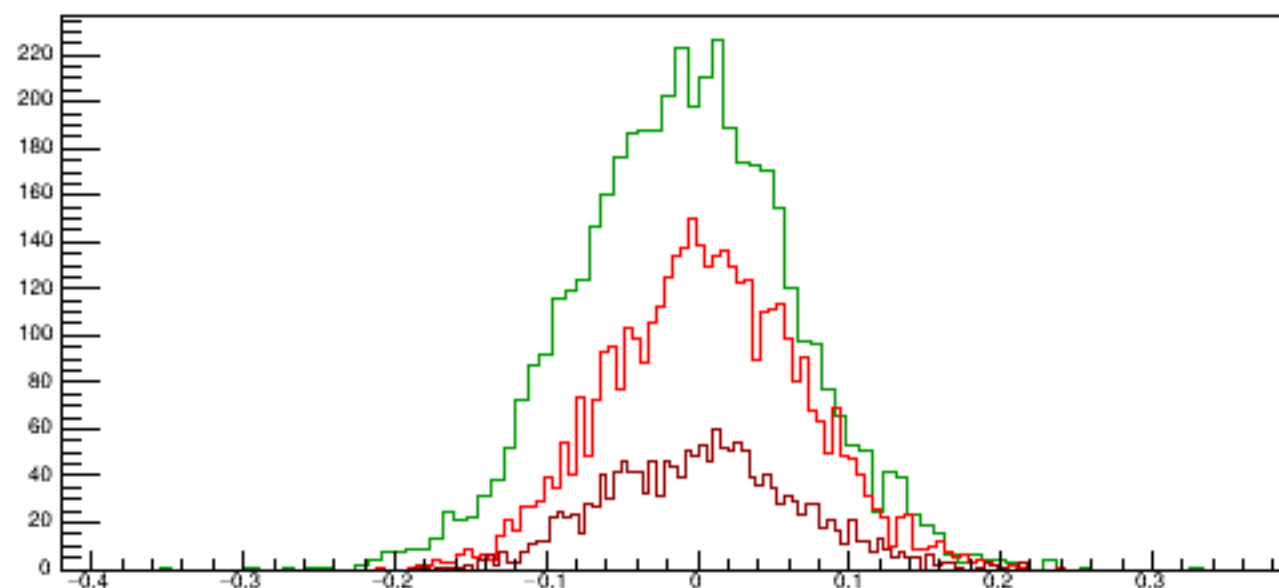
Std Dev: 0.0714 +/- 0.0007

Entries: 1697

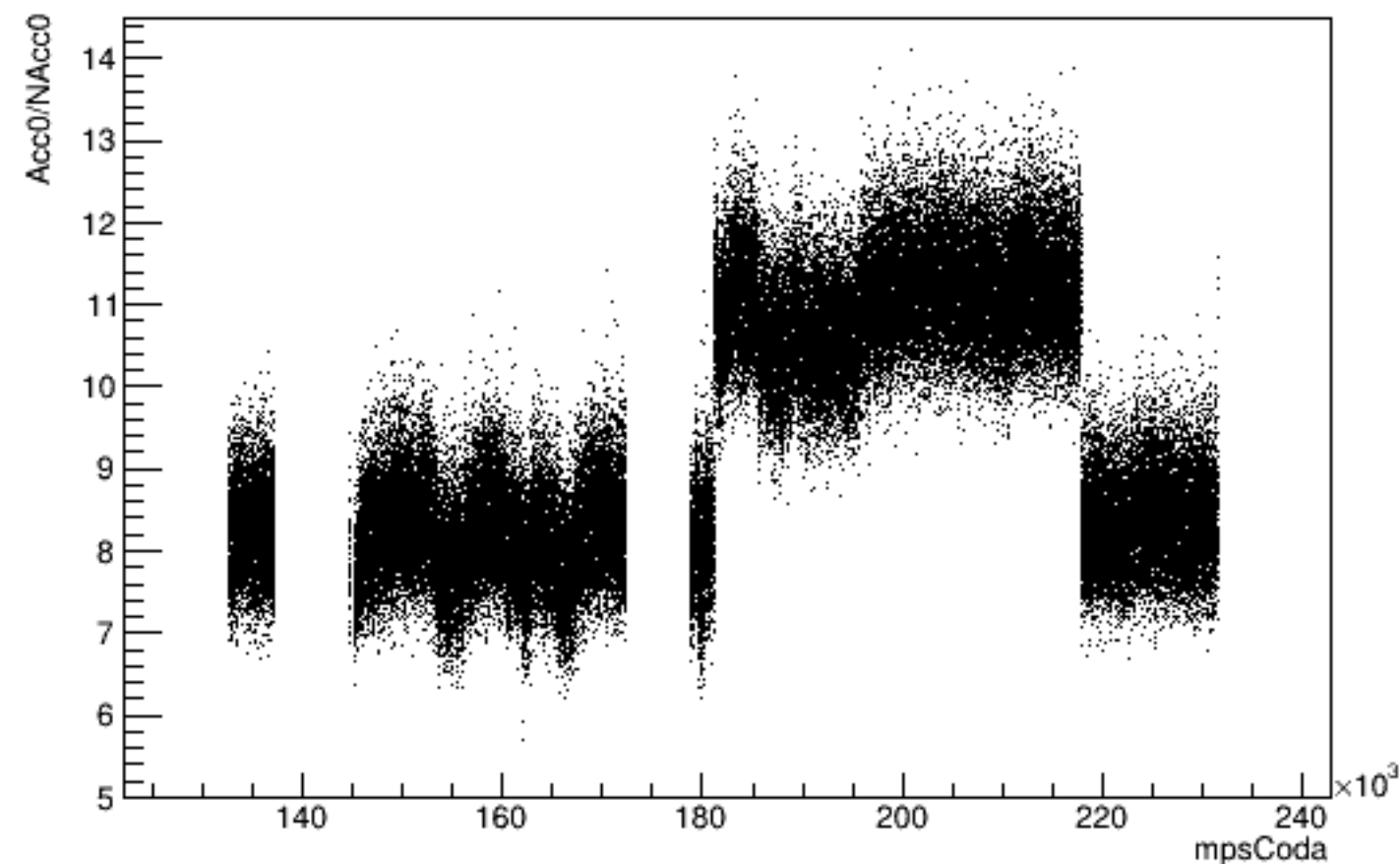
Mean: 0.0032 +/- 0.0015

Std Dev: 0.0635 +/- 0.0011

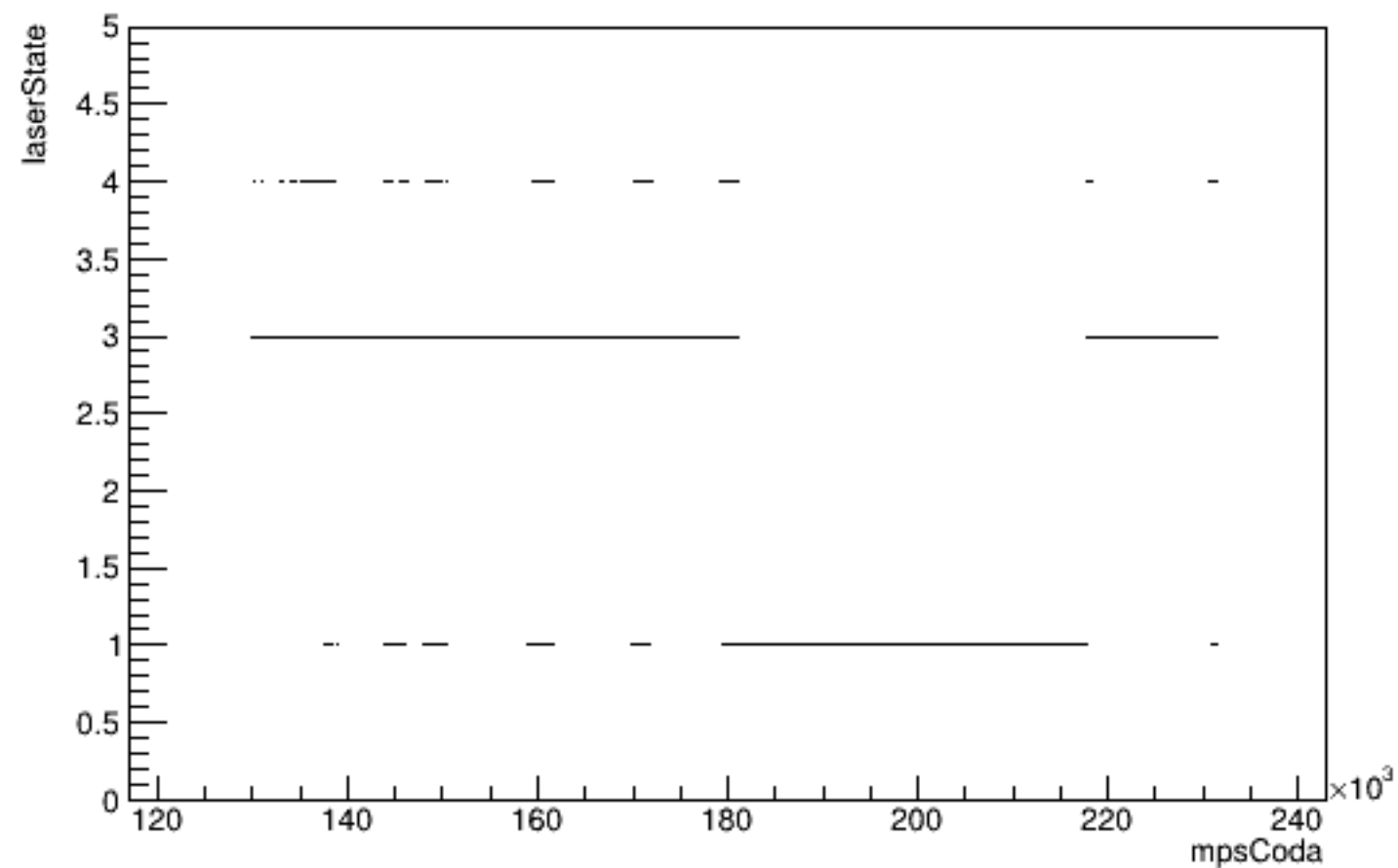
Run 4461 quartetwise, Asyms



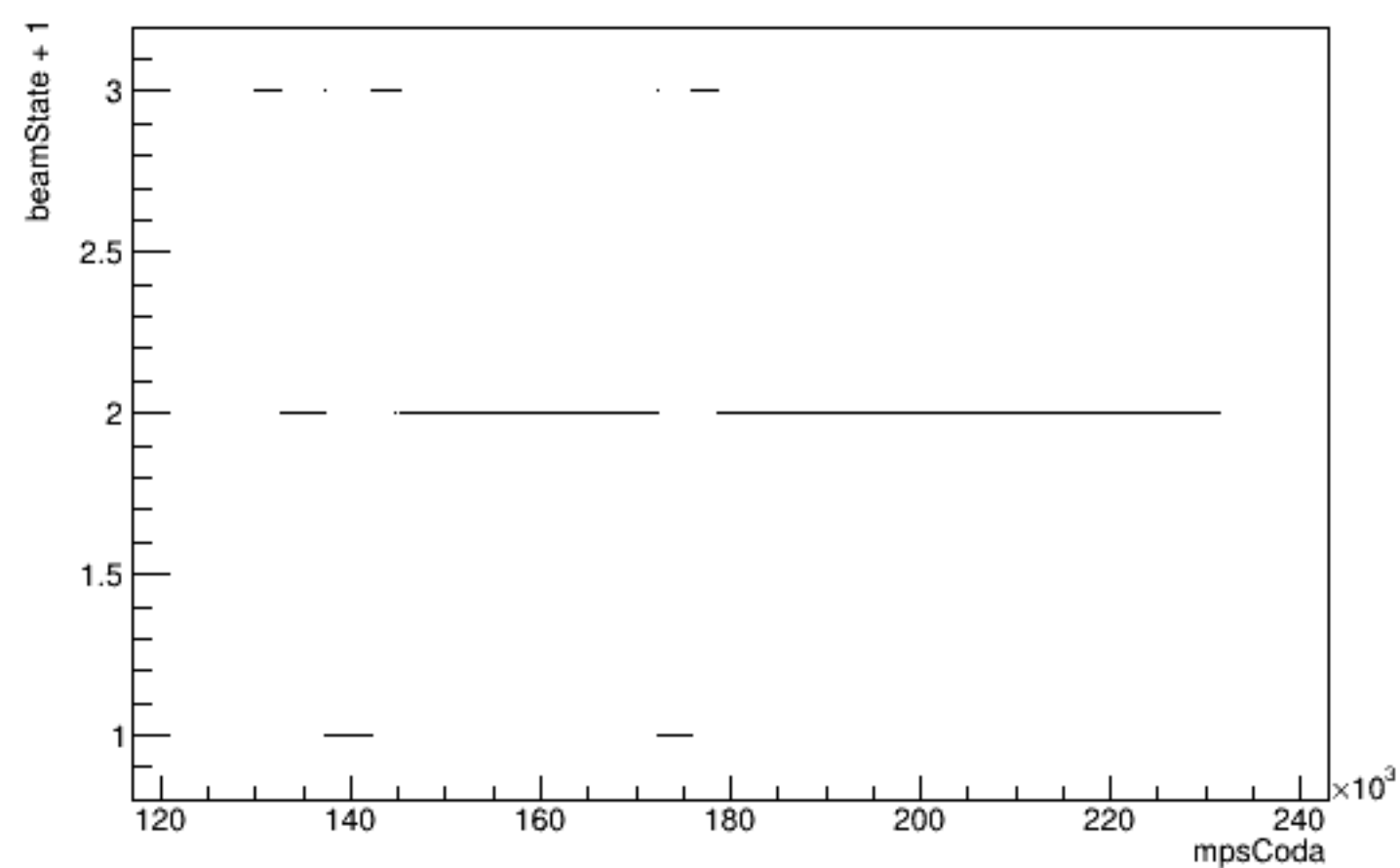
Acc0/NAcc0:mpsCoda {mpsCoda>=130000 && mpsCoda<=231511 && beamState==1}



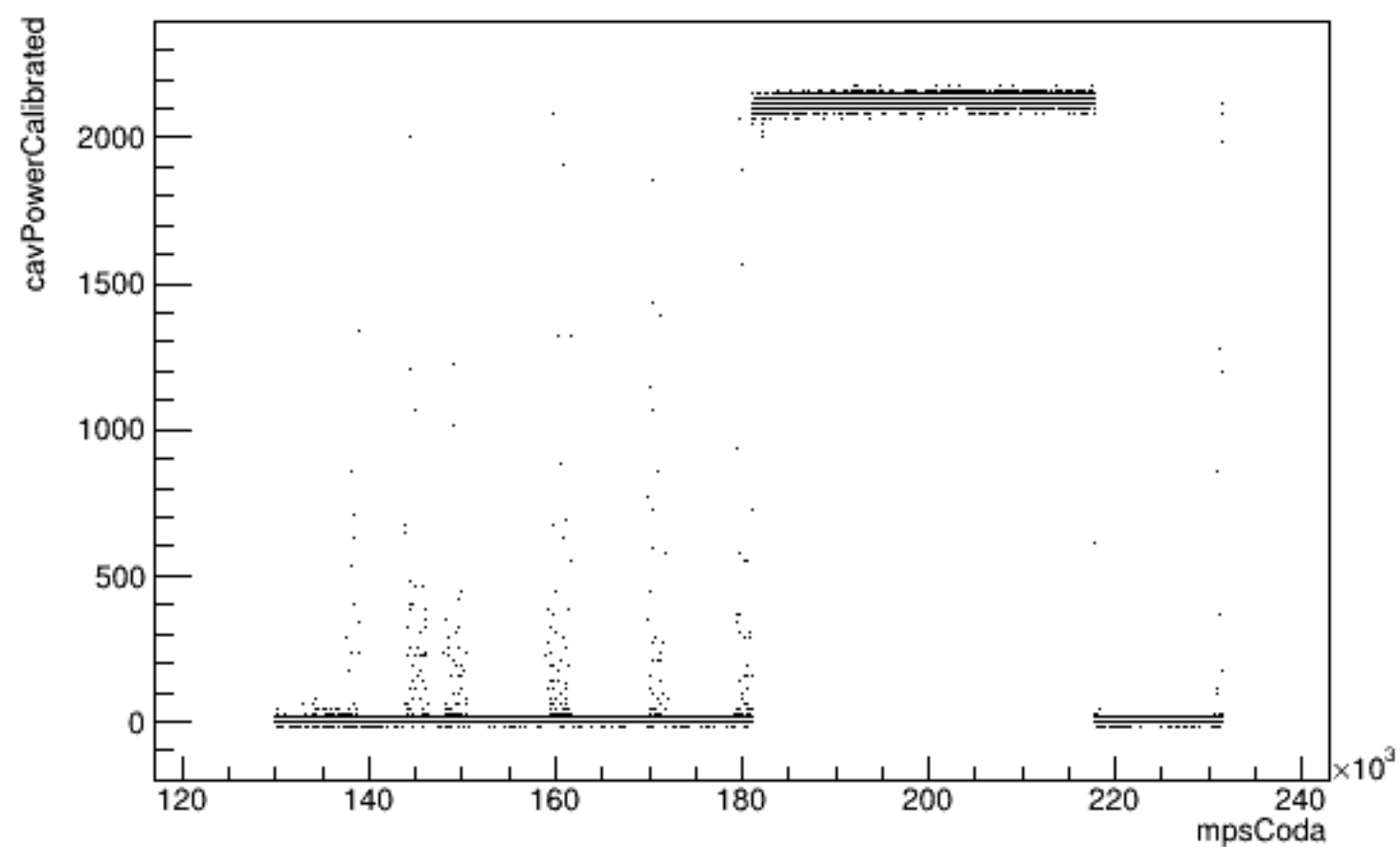
laserState:mpsCoda {mpsCoda>=130000 && mpsCoda<=231511}



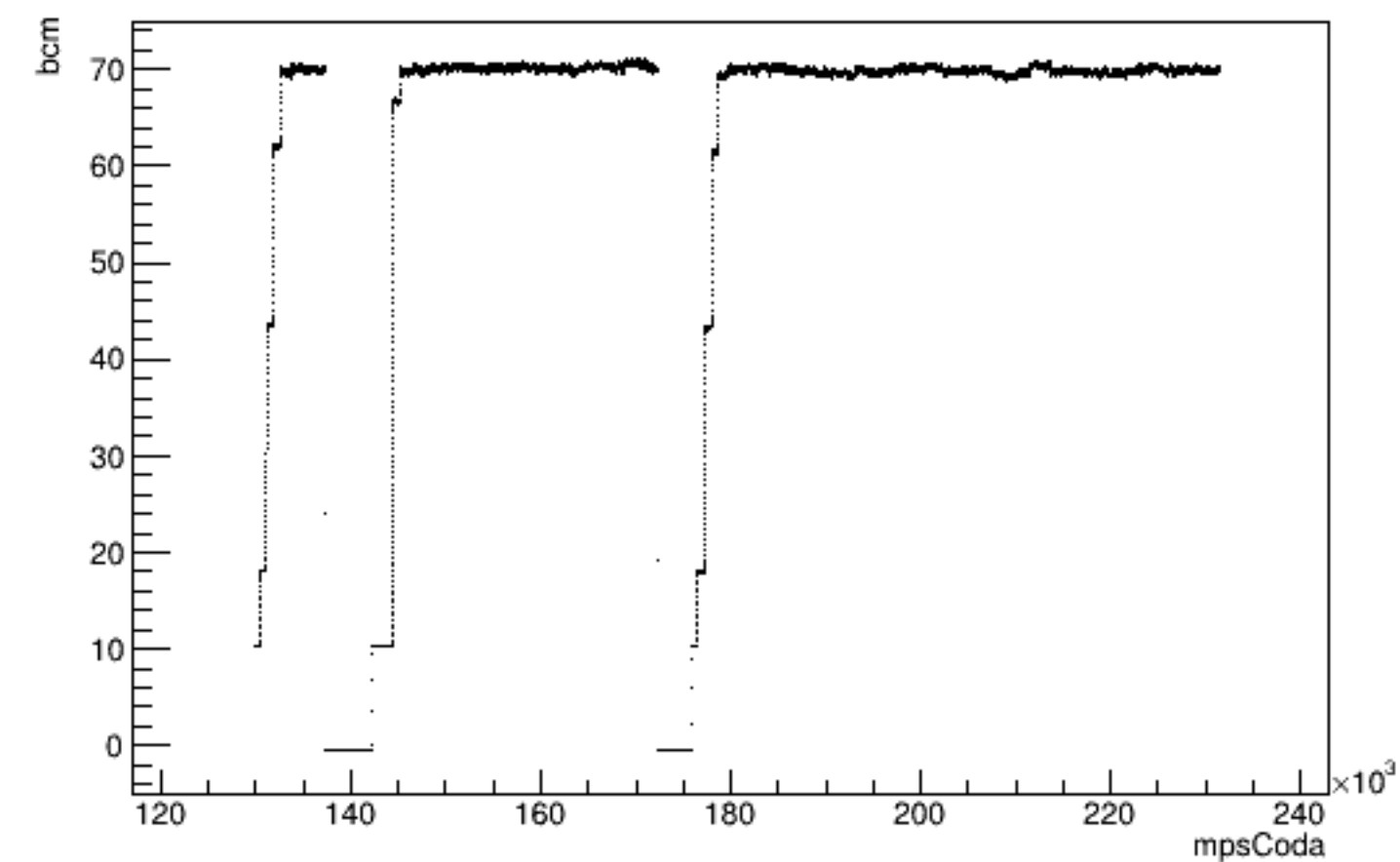
beamState + 1:mpsCoda {mpsCoda>=130000 && mpsCoda<=231511}



cavPowerCalibrated:mpsCoda {mpsCoda>=130000 && mpsCoda<=231511}



bcm:mpsCoda {mpsCoda>=130000 && mpsCoda<=231511}



Cycle 4, Diffs

Entries: 1697

Mean: 0.0176 +/- 0.0084

Std Dev: 0.3468 +/- 0.0060

Entries: 4667

Mean: -0.0531 +/- 0.0056

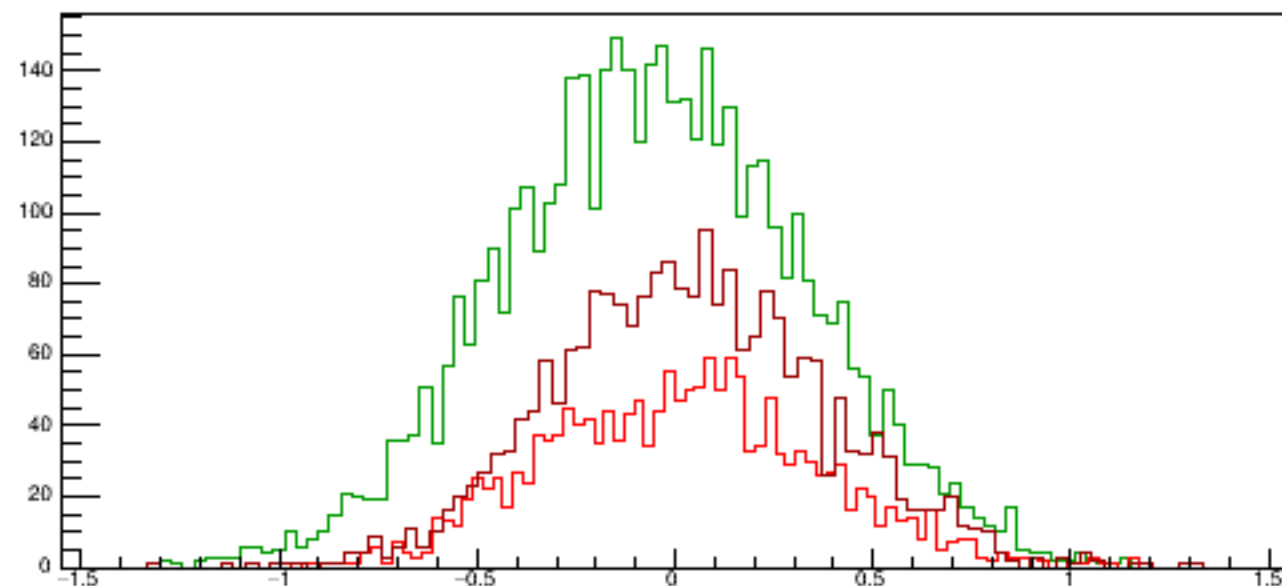
Std Dev: 0.3810 +/- 0.0039

Entries: 2271

Mean: 0.0340 +/- 0.0072

Std Dev: 0.3409 +/- 0.0051

Run 4461 quartetwise, Diffs



Cycle 4, Sums

Entries: 1697

Mean: 16.7660 +/- 0.0114

Std Dev: 0.4708 +/- 0.0081

Entries: 4667

Mean: 22.4838 +/- 0.0077

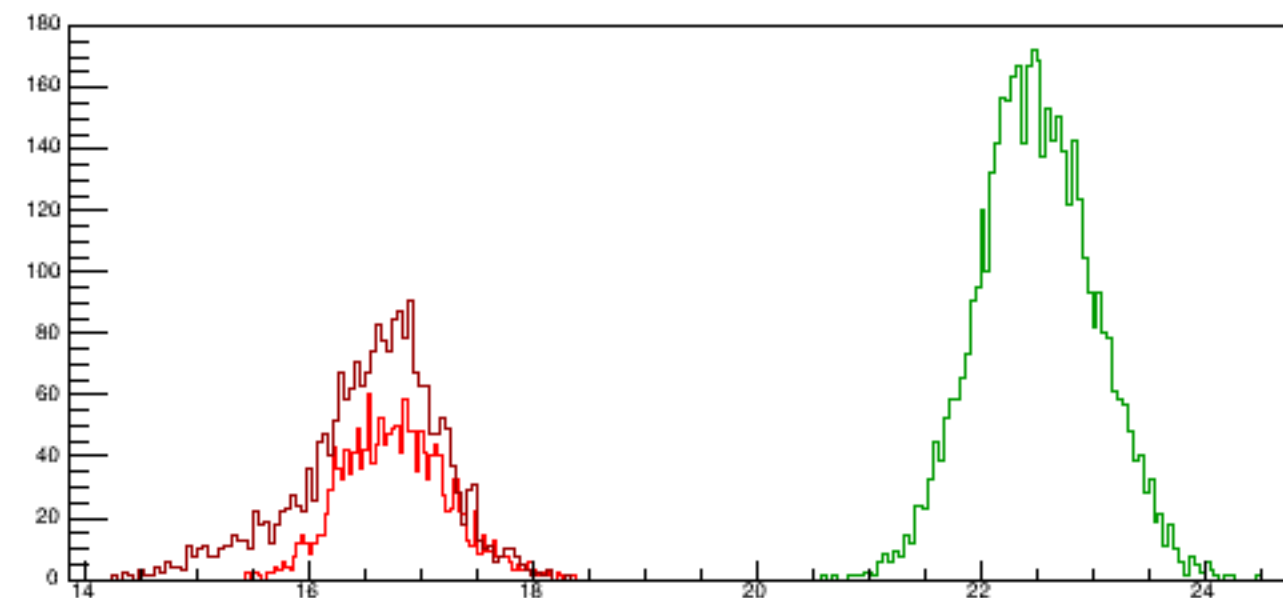
Std Dev: 0.5229 +/- 0.0054

Entries: 2271

Mean: 16.5454 +/- 0.0133

Std Dev: 0.6330 +/- 0.0094

Run 4461 quartetwise, Sums



Cycle 4, Asyms

Entries: 1697

Mean: 0.0030 +/- 0.0014

Std Dev: 0.0595 +/- 0.0010

Entries: 4667

Mean: -0.0091 +/- 0.0010

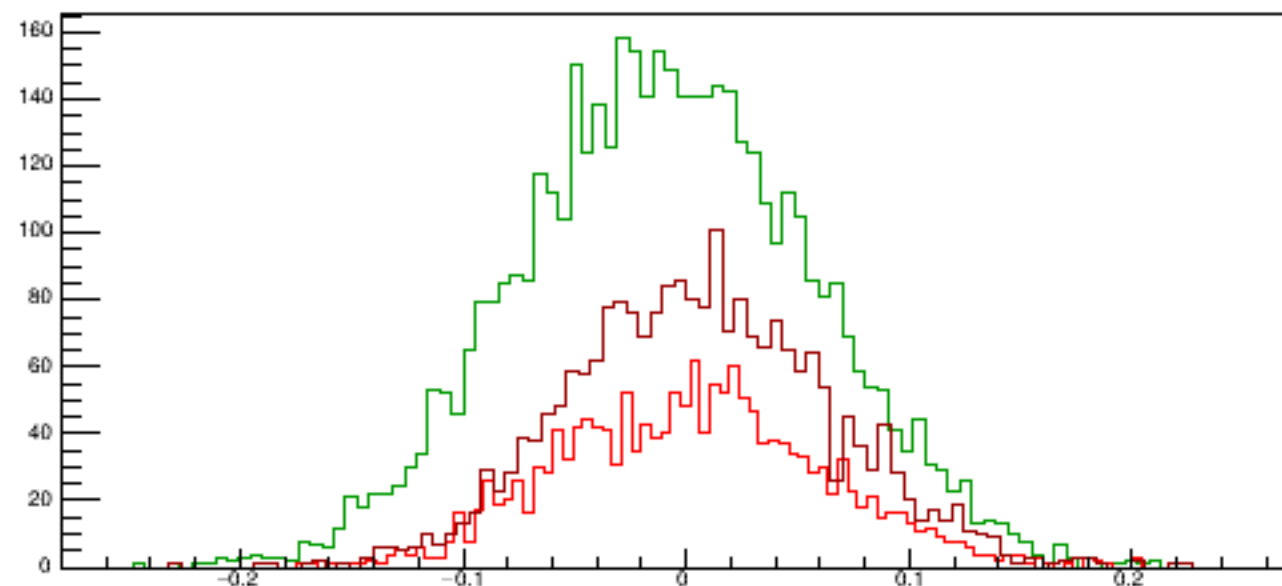
Std Dev: 0.0656 +/- 0.0007

Entries: 2271

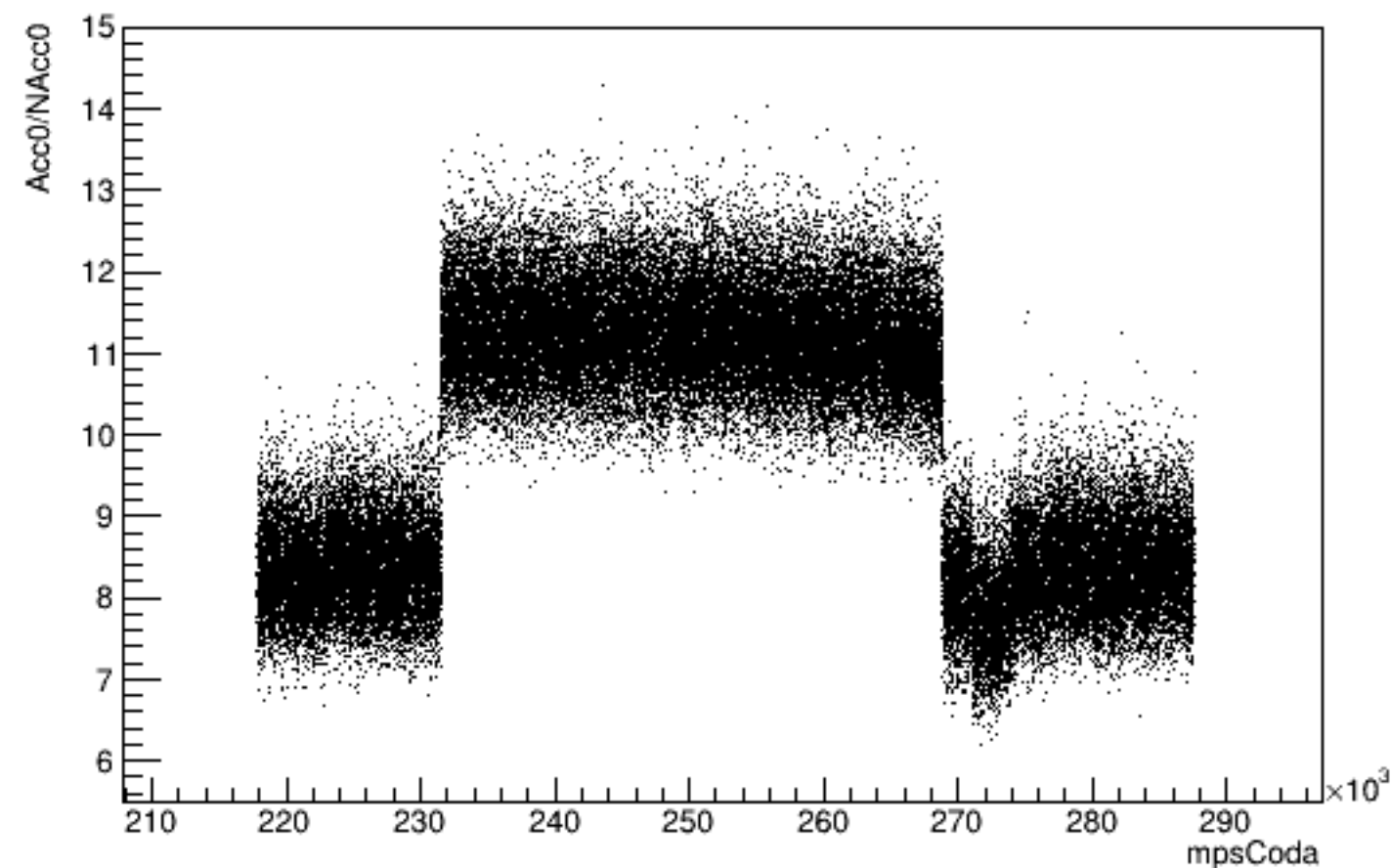
Mean: 0.0058 +/- 0.0012

Std Dev: 0.0585 +/- 0.0009

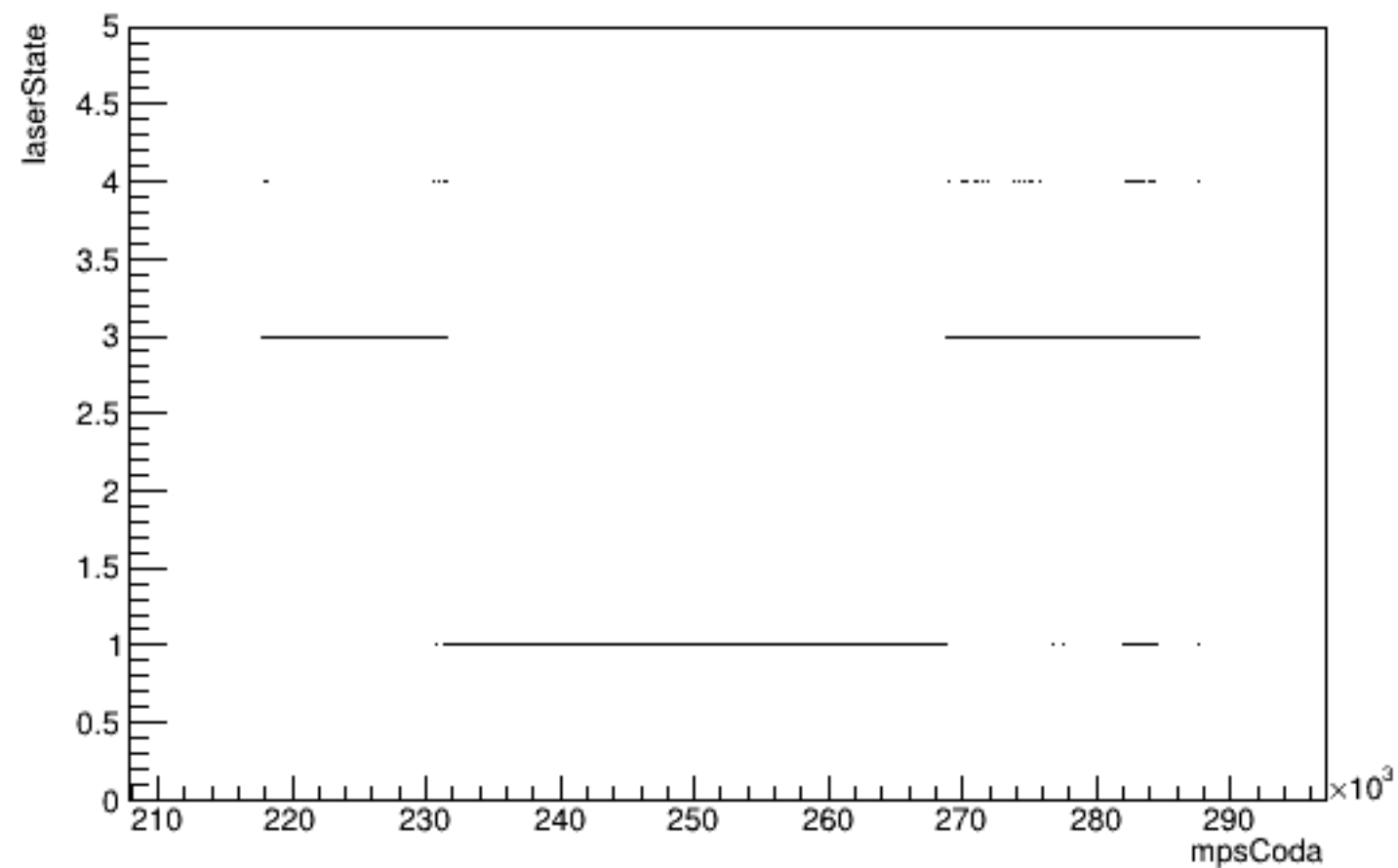
Run 4461 quartetwise, Asyms



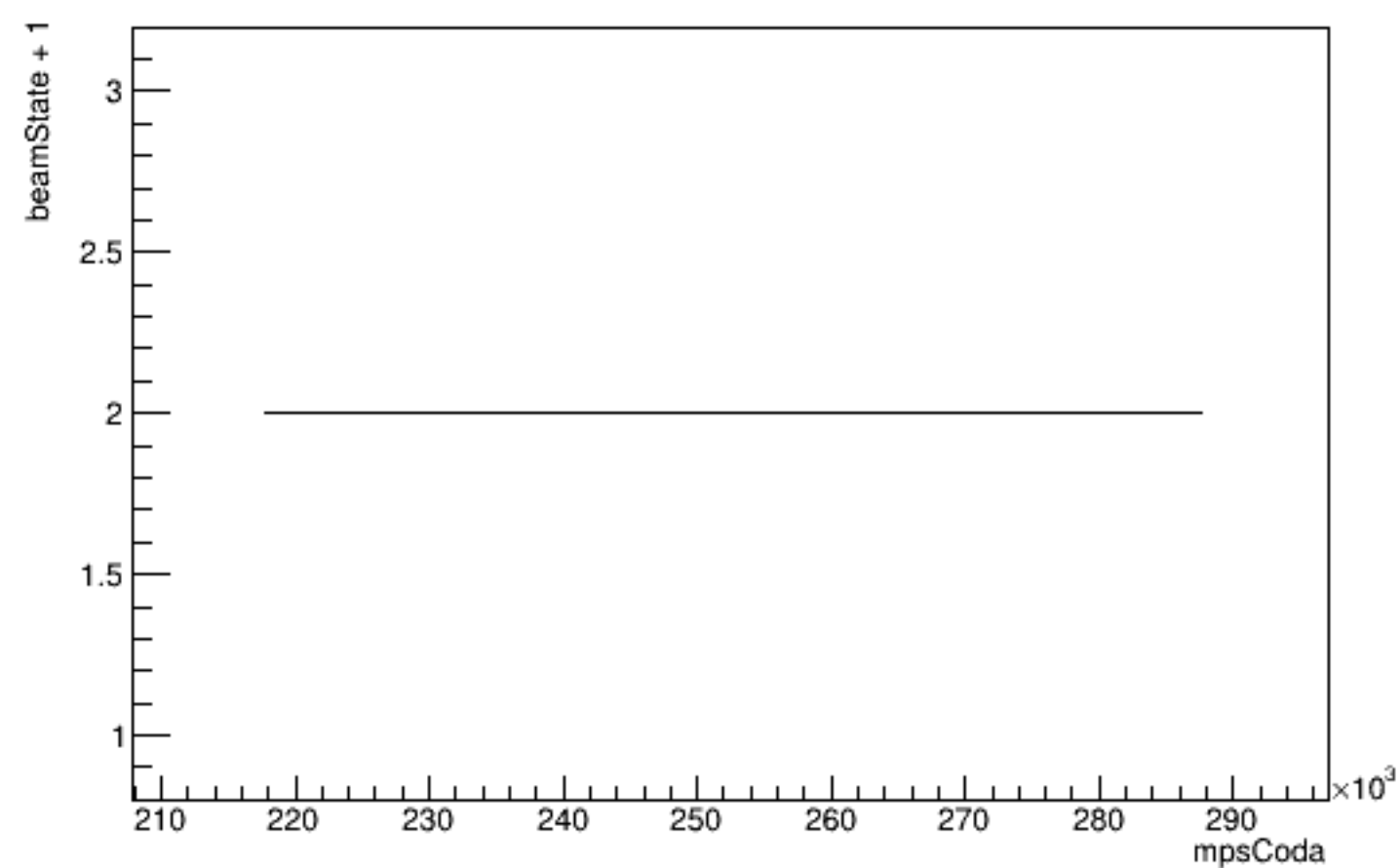
Acc0/NAcc0:mpsCoda {mpsCoda>=217848 && mpsCoda<=287535 && beamState==1}



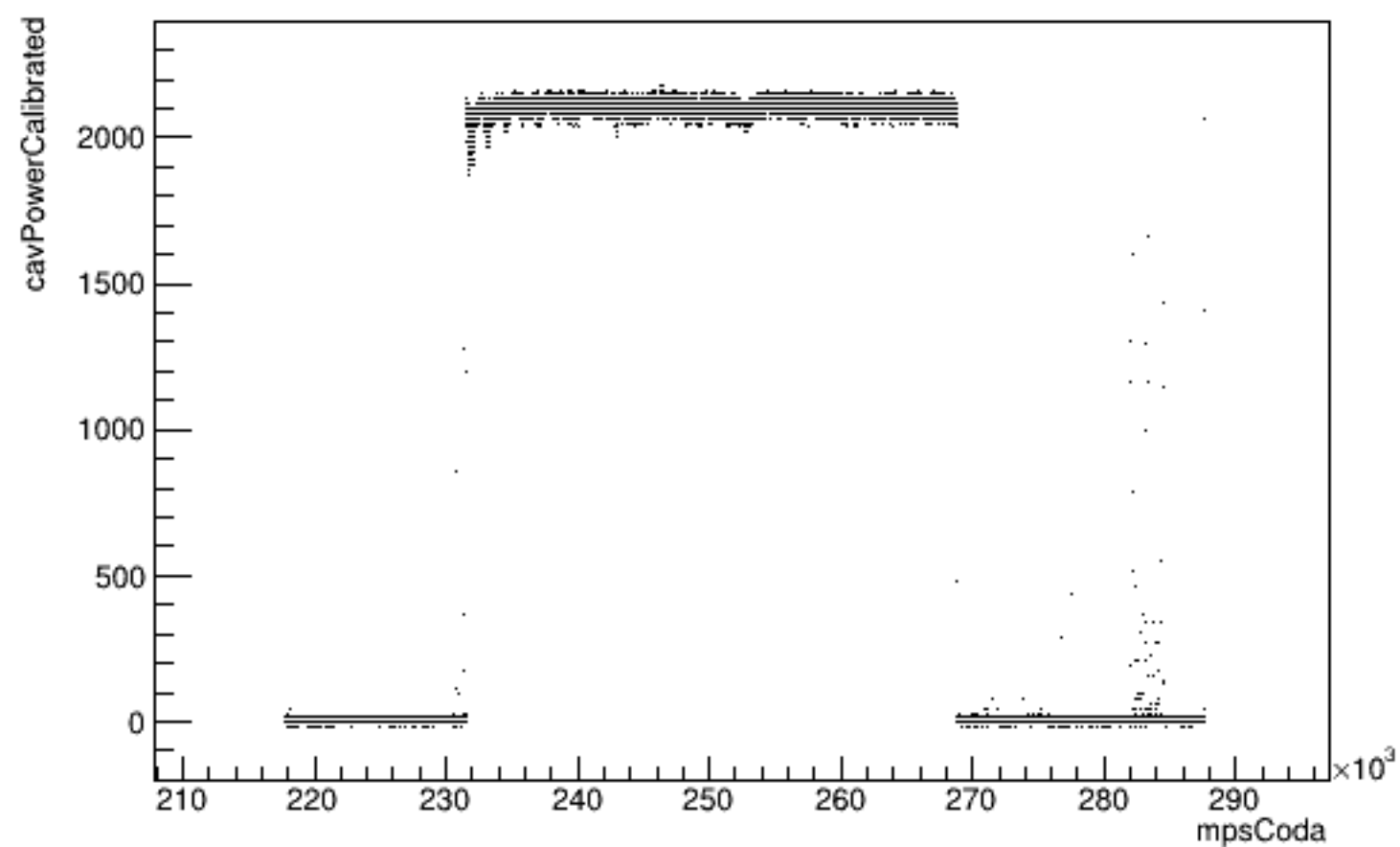
laserState:mpsCoda {mpsCoda>=217848 && mpsCoda<=287535}



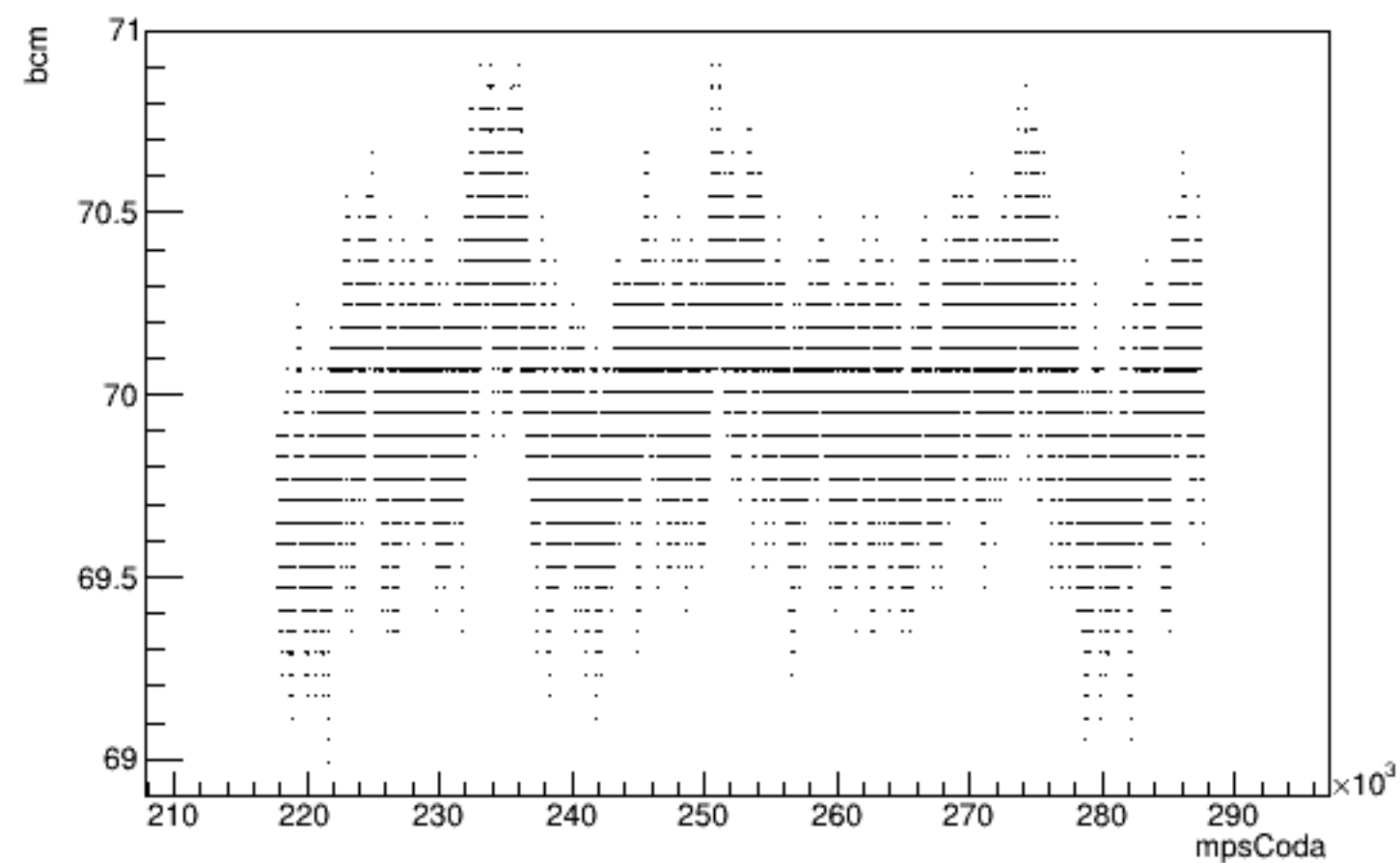
beamState + 1:mpsCoda {mpsCoda>=217848 && mpsCoda<=287535}



cavPowerCalibrated:mpsCoda {mpsCoda>=217848 && mpsCoda<=287535}



bcm:mpsCoda {mpsCoda>=217848 && mpsCoda<=287535}



Cycle 5, Diffs

Entries: 2271

Mean: 0.0340 +/- 0.0072

Std Dev: 0.3409 +/- 0.0051

Entries: 4581

Mean: -0.0487 +/- 0.0056

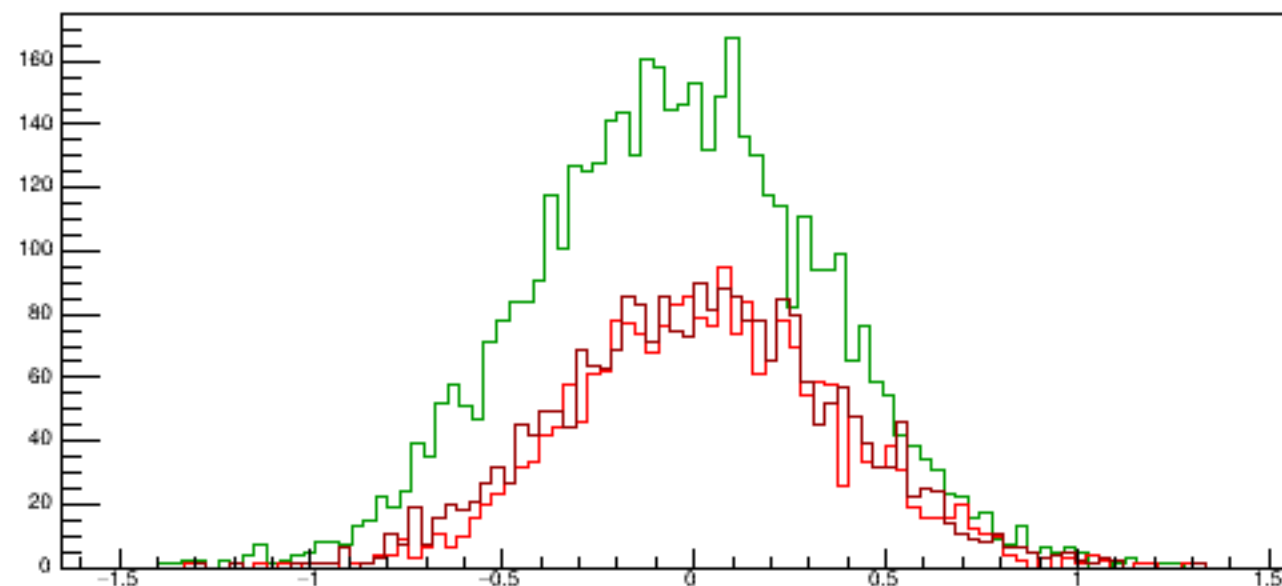
Std Dev: 0.3789 +/- 0.0040

Entries: 2492

Mean: 0.0180 +/- 0.0072

Std Dev: 0.3599 +/- 0.0051

Run 4461 quartetwise, Diffs



Cycle 5, Sums

Entries: 2271

Mean: 16.5454 +/- 0.0133

Std Dev: 0.6330 +/- 0.0094

Entries: 4581

Mean: 21.4897 +/- 0.0120

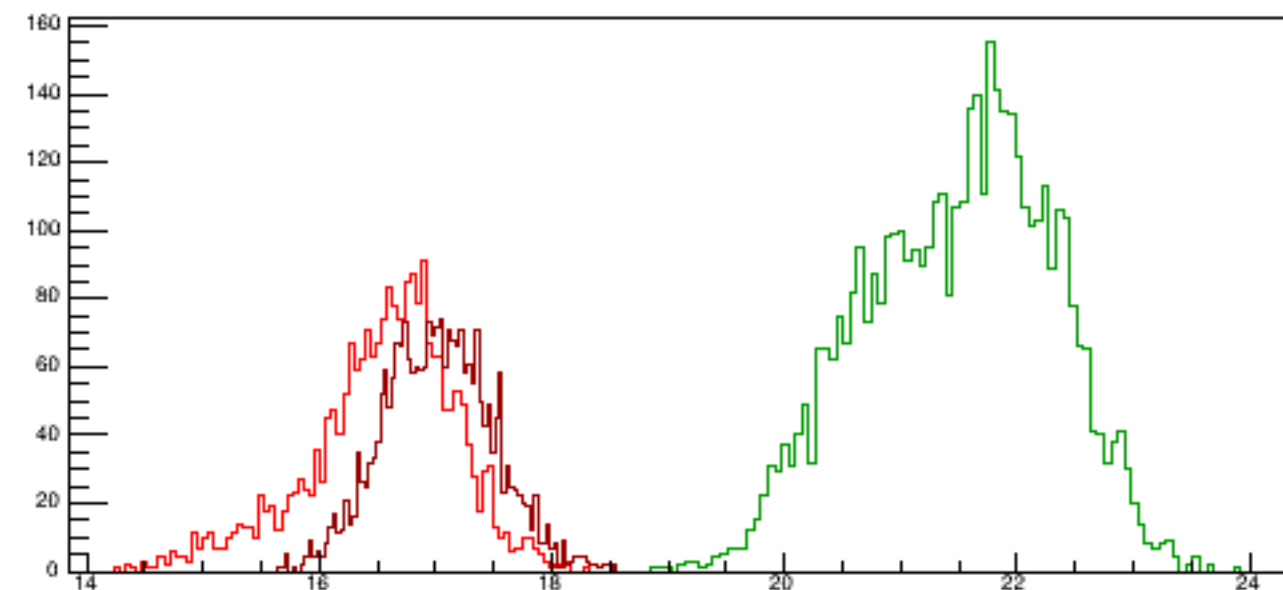
Std Dev: 0.8096 +/- 0.0085

Entries: 2492

Mean: 17.0246 +/- 0.0094

Std Dev: 0.4696 +/- 0.0067

Run 4461 quartetwise, Sums



Cycle 5, Asyms

Entries: 2271

Mean: 0.0072 +/- 0.0015

Std Dev: 0.0725 +/- 0.0011

Entries: 4581

Mean: -0.0104 +/- 0.0012

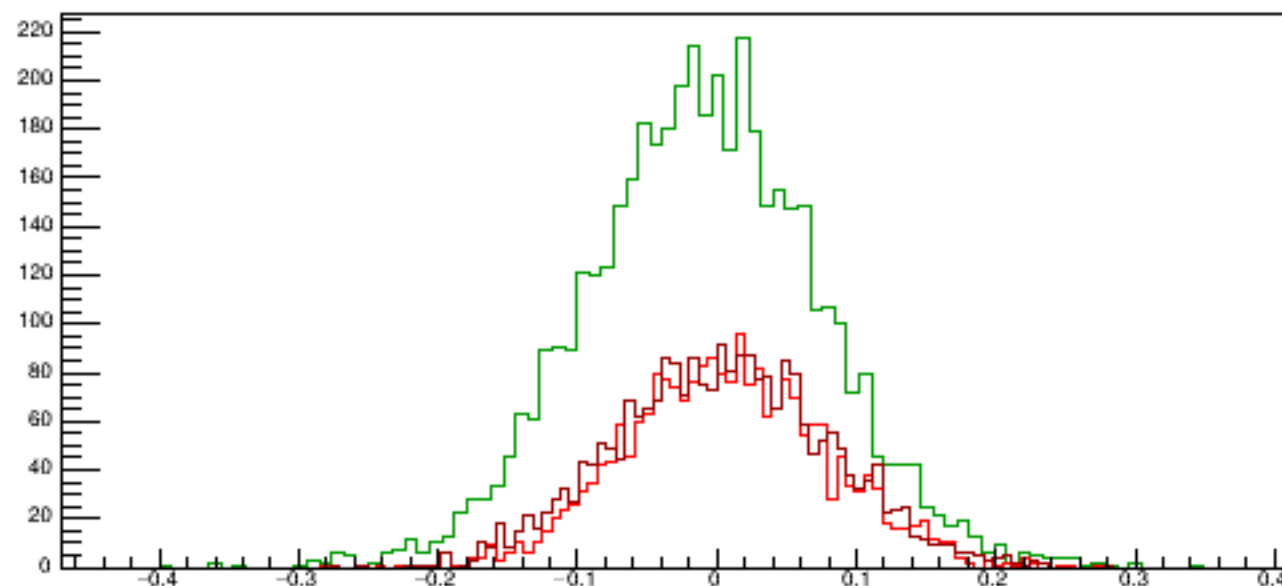
Std Dev: 0.0844 +/- 0.0009

Entries: 2492

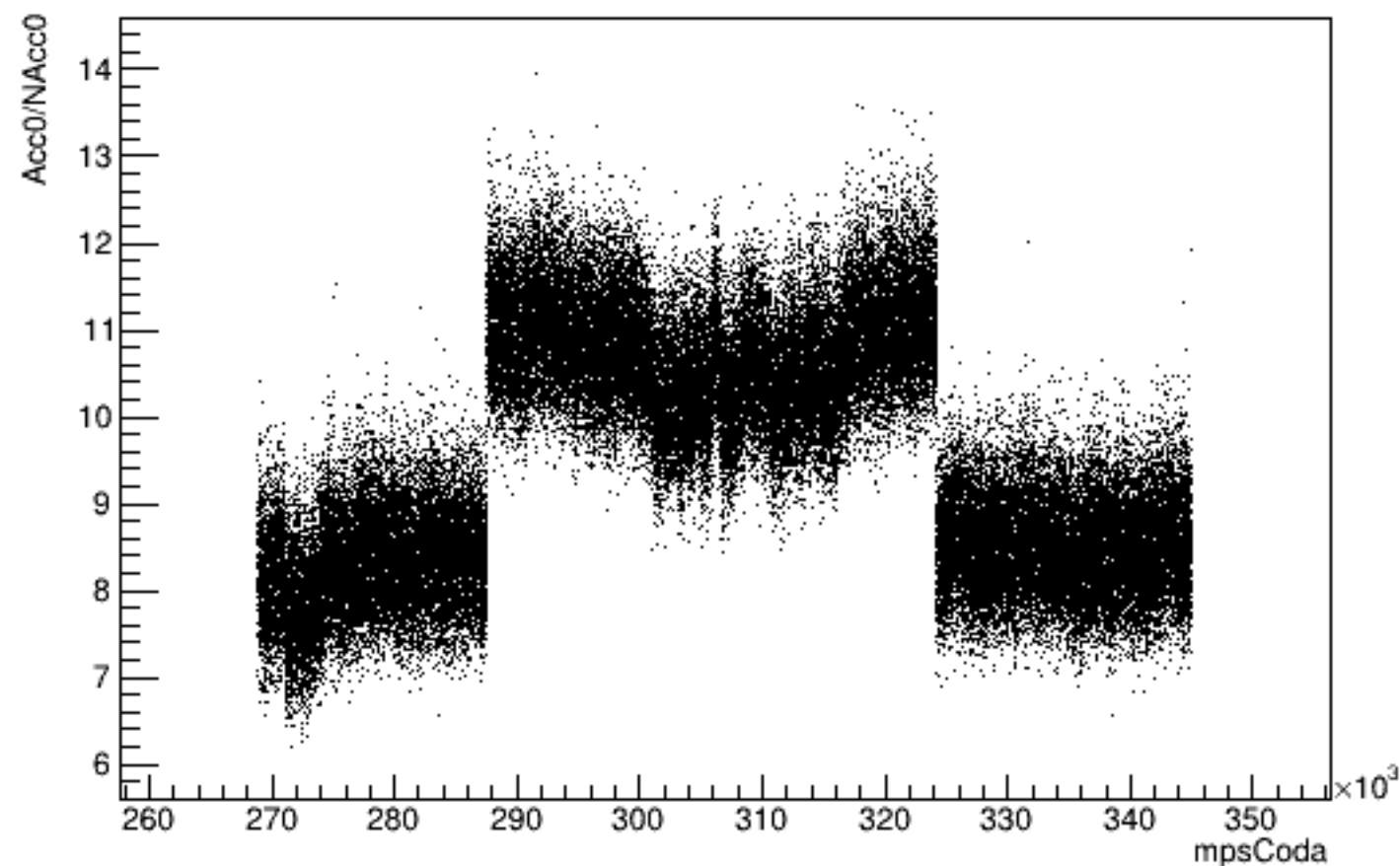
Mean: 0.0038 +/- 0.0015

Std Dev: 0.0765 +/- 0.0011

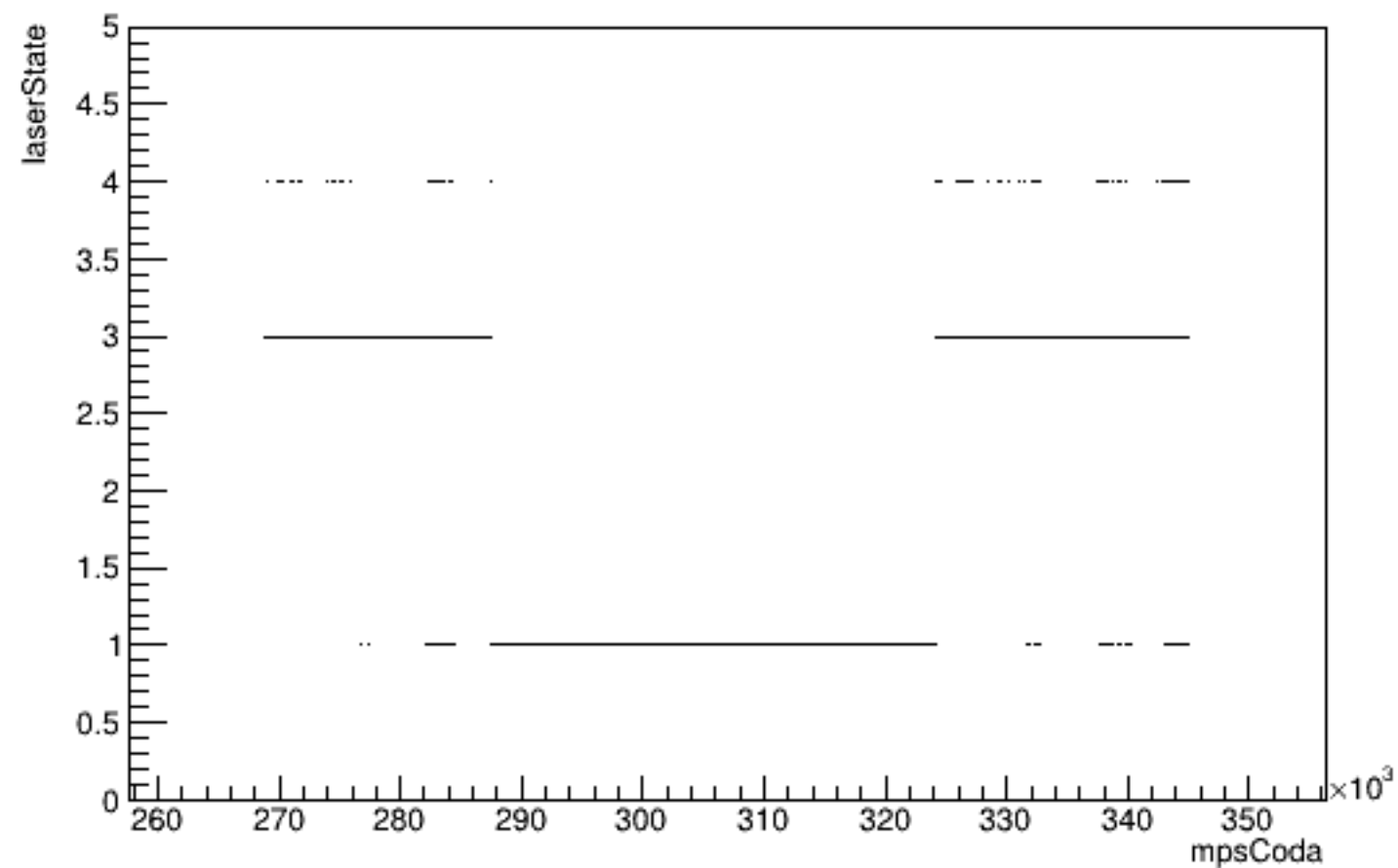
Run 4461 quartetwise, Asyms



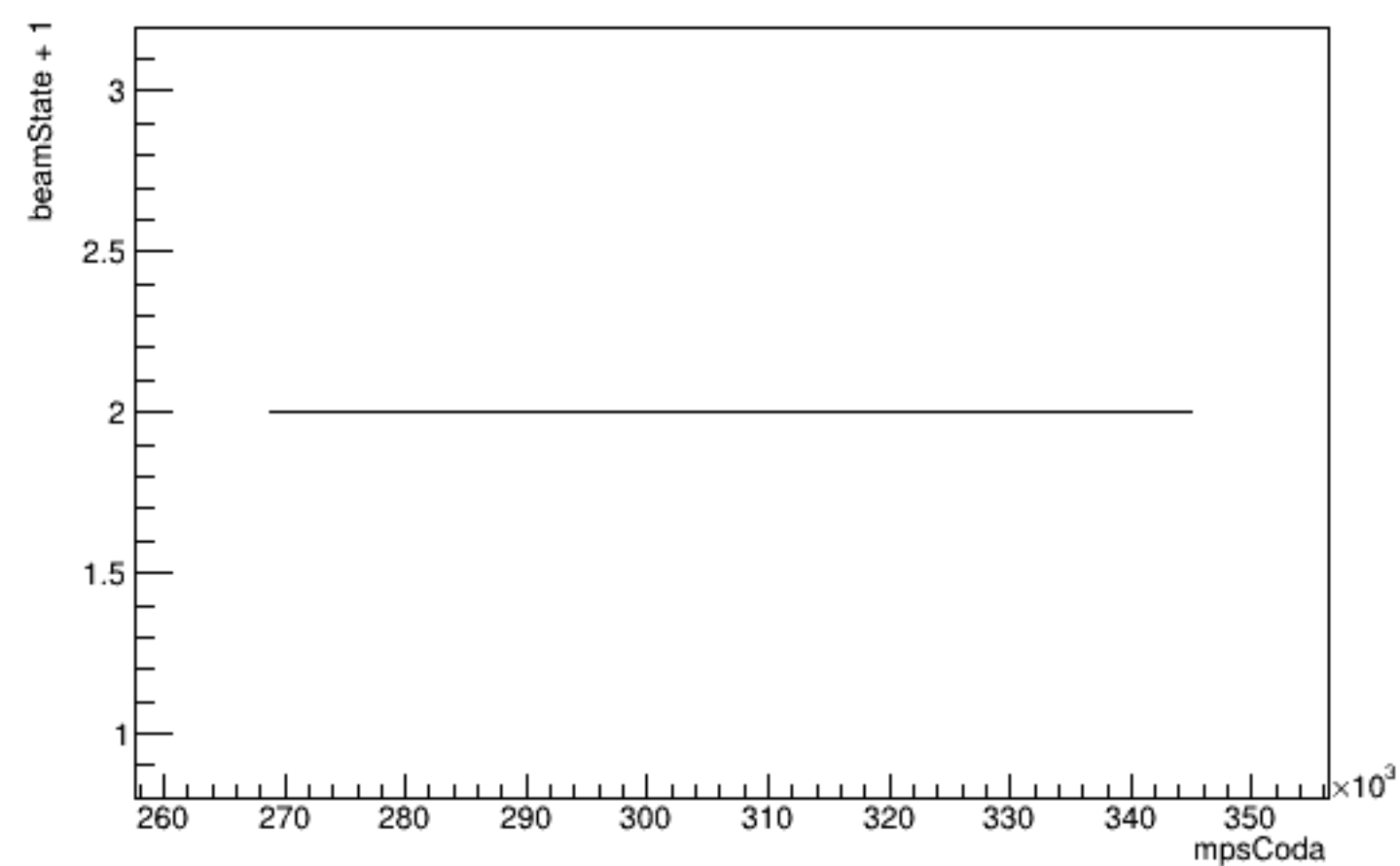
Acc0/NAcc0:mpsCoda {mpsCoda>=268856 && mpsCoda<=344943 && beamState==1}



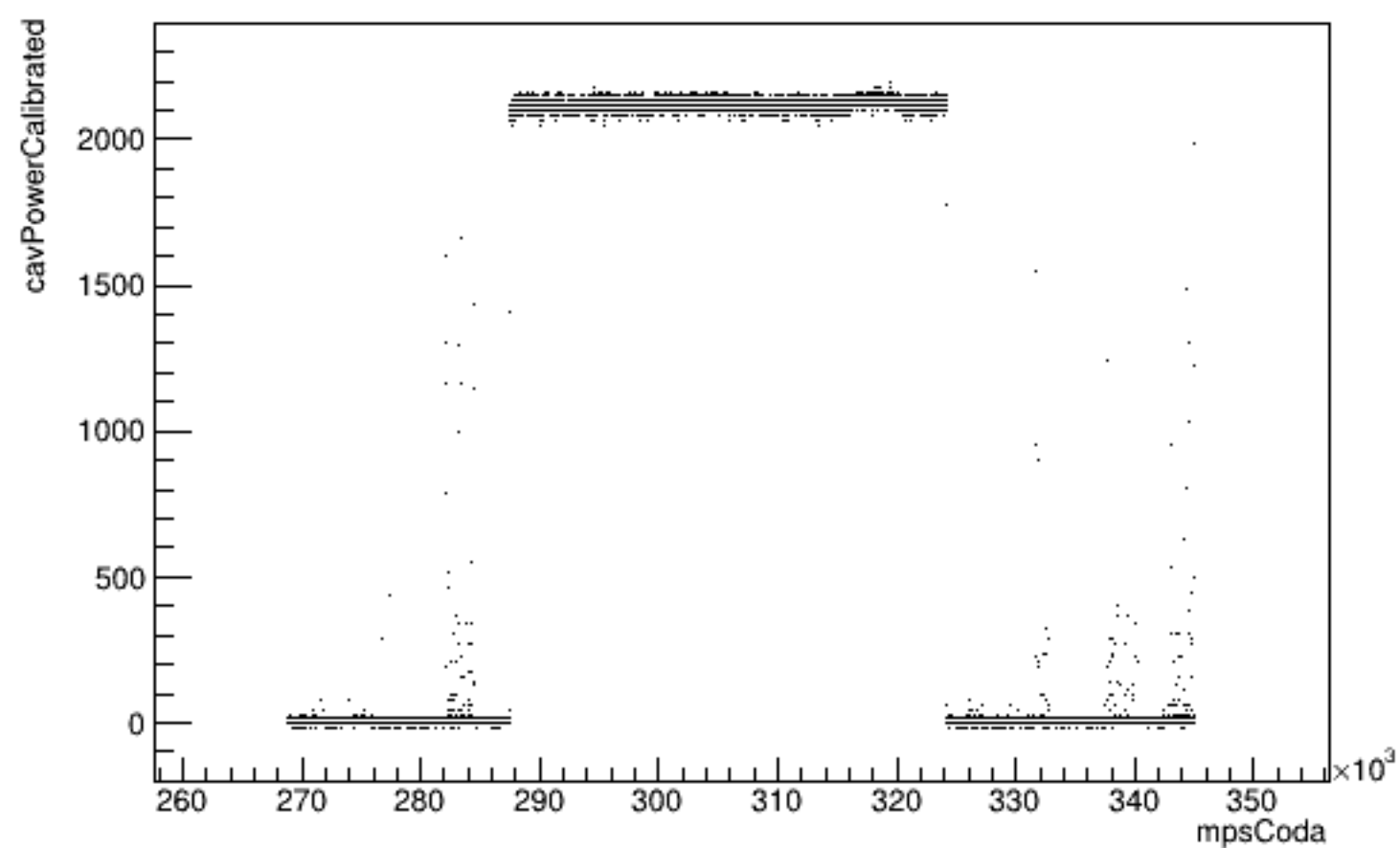
laserState:mpsCoda {mpsCoda>=268856 && mpsCoda<=344943}



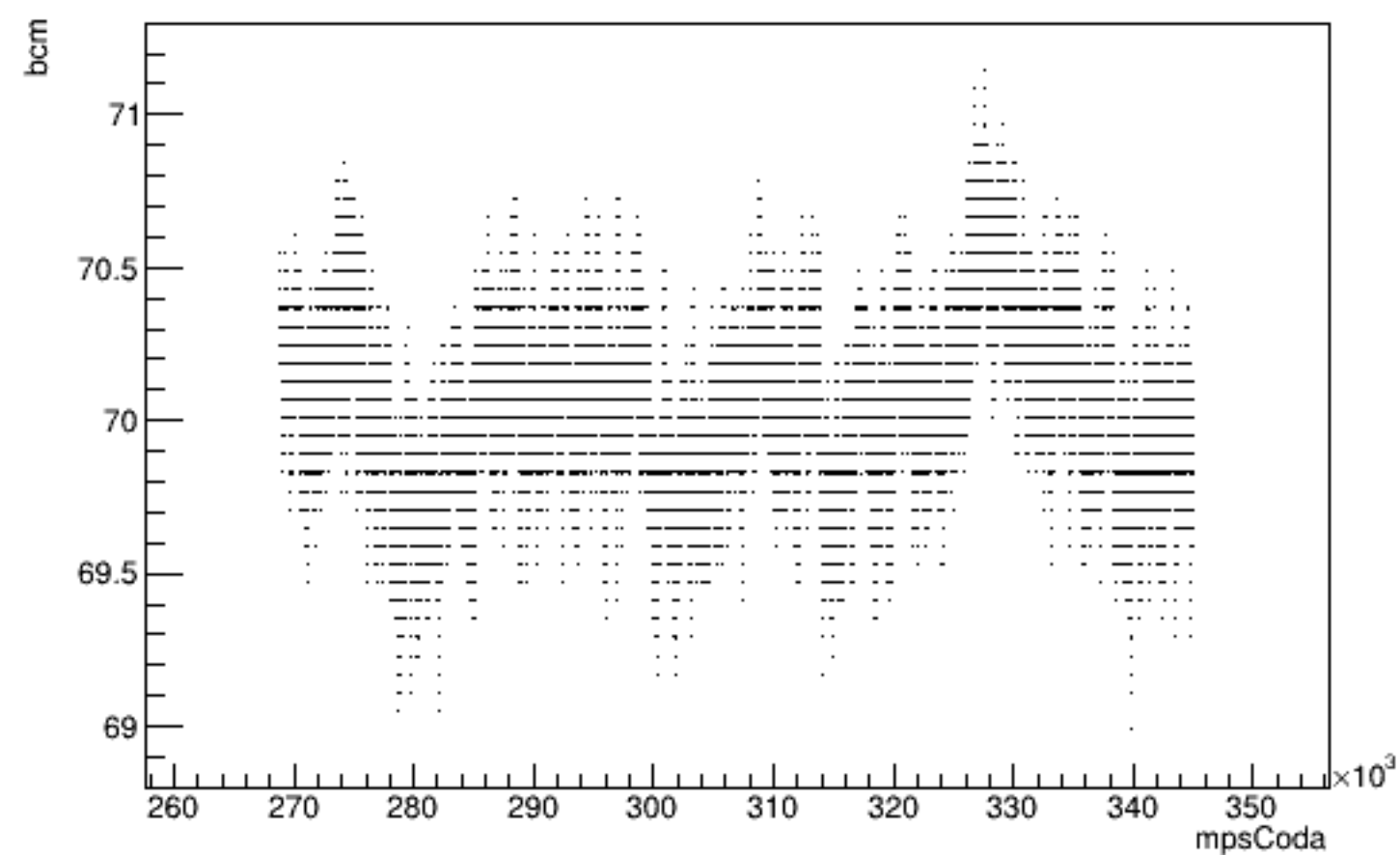
beamState + 1:mpsCoda {mpsCoda>=268856 && mpsCoda<=344943}



cavPowerCalibrated:mpsCoda {mpsCoda>=268856 && mpsCoda<=344943}



bcm:mpsCoda {mpsCoda>=268856 && mpsCoda<=344943}



Cycle 6, Diffs

Entries: 2492

Mean: 0.0180 +/- 0.0072

Std Dev: 0.3599 +/- 0.0051

Entries: 4629

Mean: -0.0555 +/- 0.0057

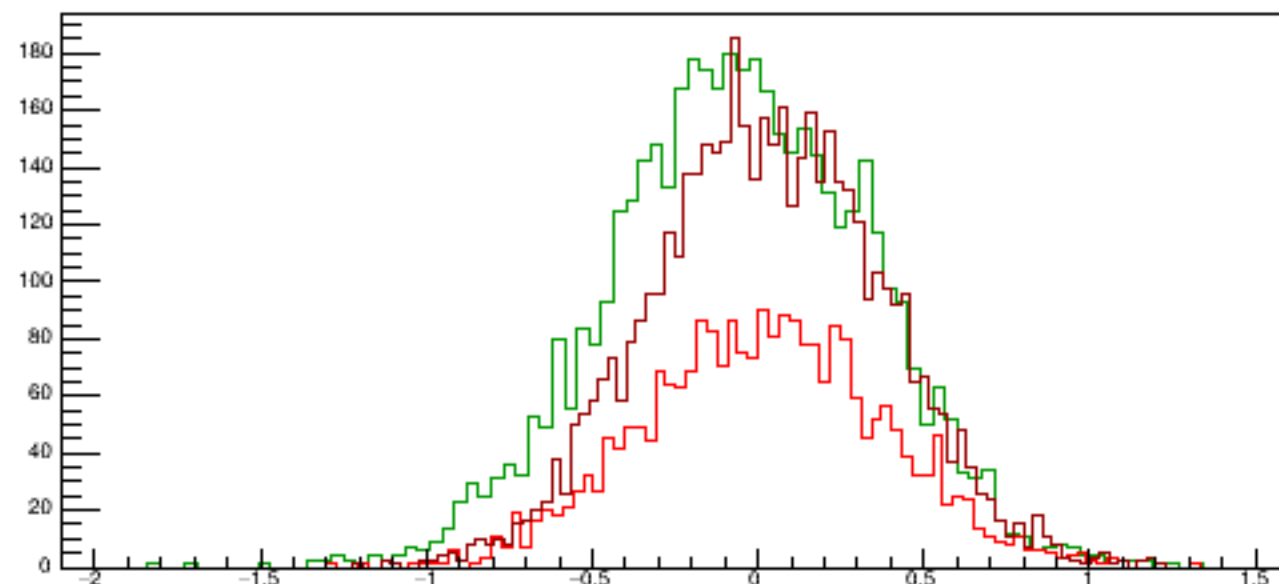
Std Dev: 0.3882 +/- 0.0040

Entries: 4912

Mean: 0.0283 +/- 0.0050

Std Dev: 0.3483 +/- 0.0035

Run 4461 quartetwise, Diffs



Cycle 6, Sums

Entries: 2492

Mean: 17.0246 +/- 0.0094

Std Dev: 0.4696 +/- 0.0067

Entries: 4629

Mean: 22.6088 +/- 0.0079

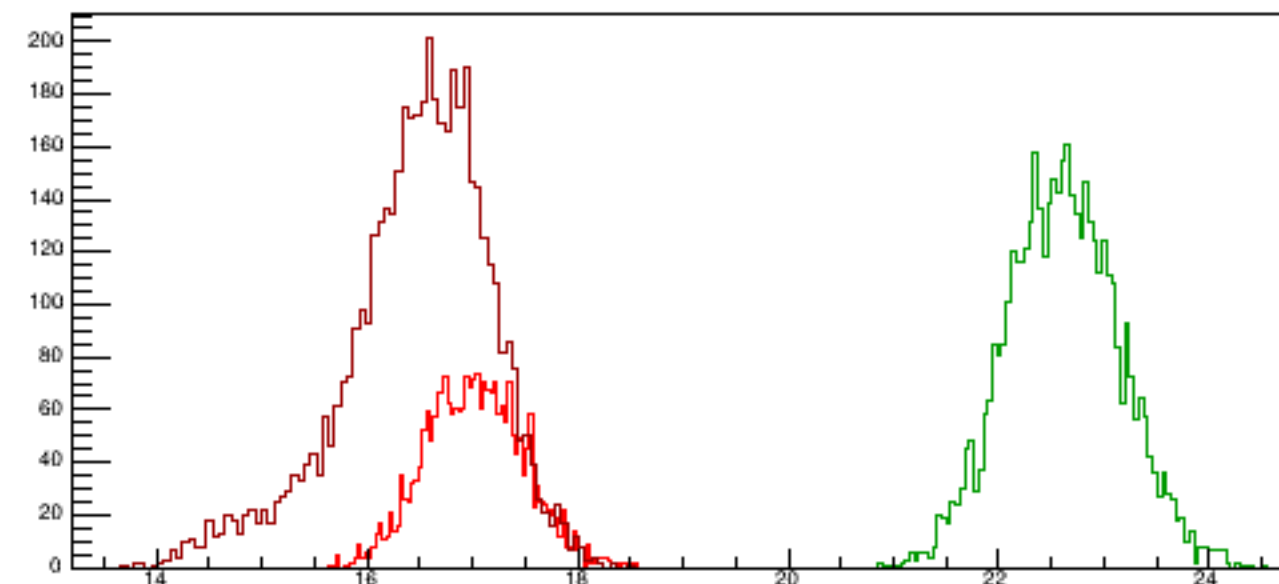
Std Dev: 0.5360 +/- 0.0056

Entries: 4912

Mean: 16.4730 +/- 0.0101

Std Dev: 0.7077 +/- 0.0071

Run 4461 quartetwise, Sums



Cycle 6, Asyms

Entries: 2492

Mean: 0.0031 +/- 0.0012

Std Dev: 0.0614 +/- 0.0009

Entries: 4629

Mean: -0.0097 +/- 0.0010

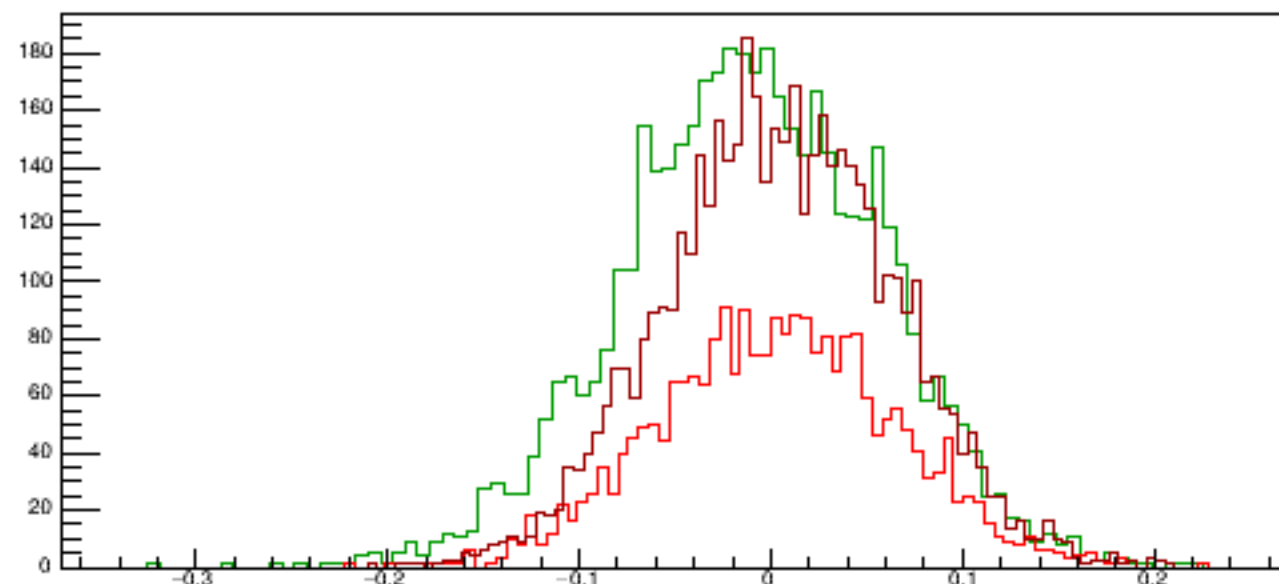
Std Dev: 0.0668 +/- 0.0007

Entries: 4912

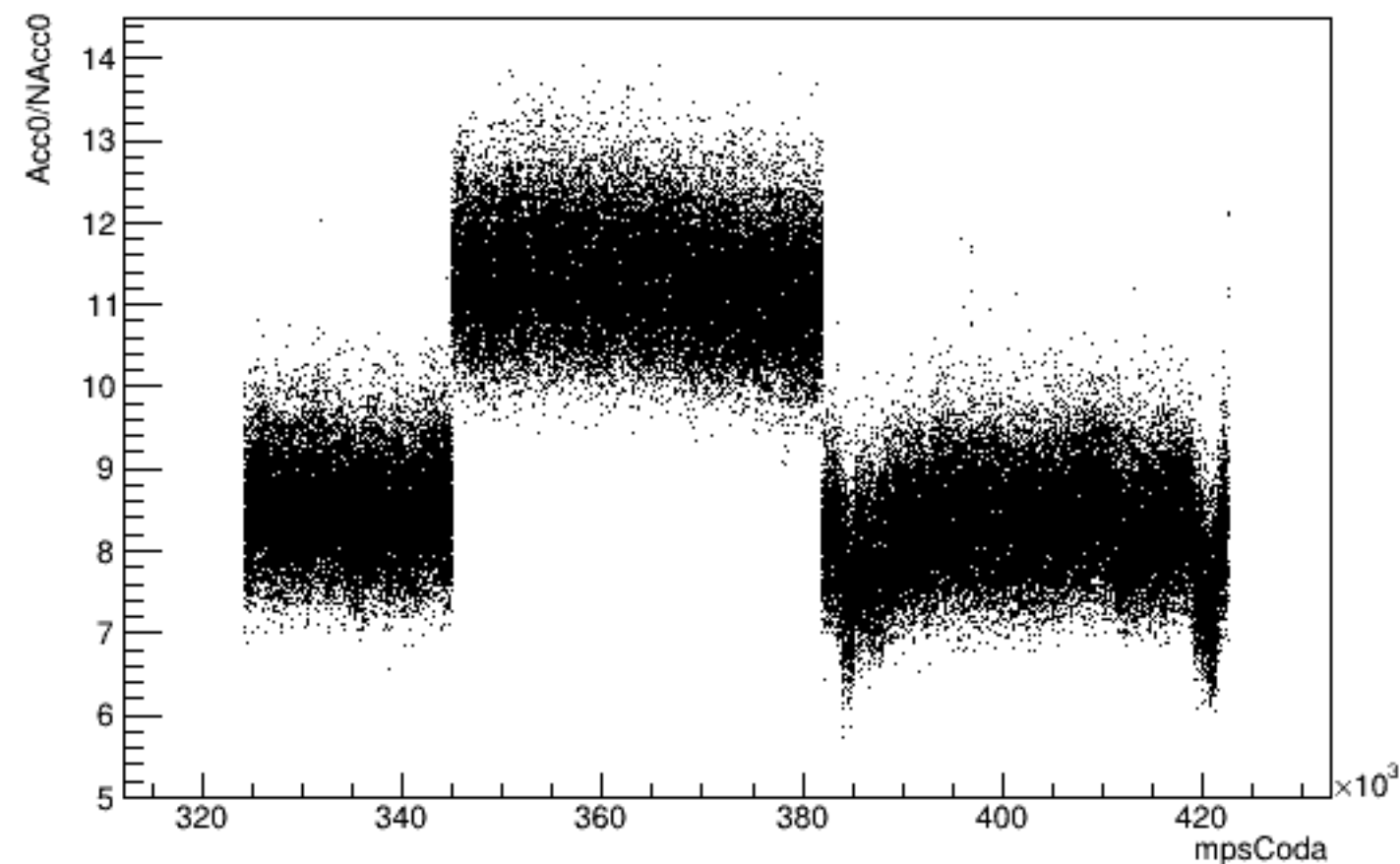
Mean: 0.0048 +/- 0.0008

Std Dev: 0.0594 +/- 0.0006

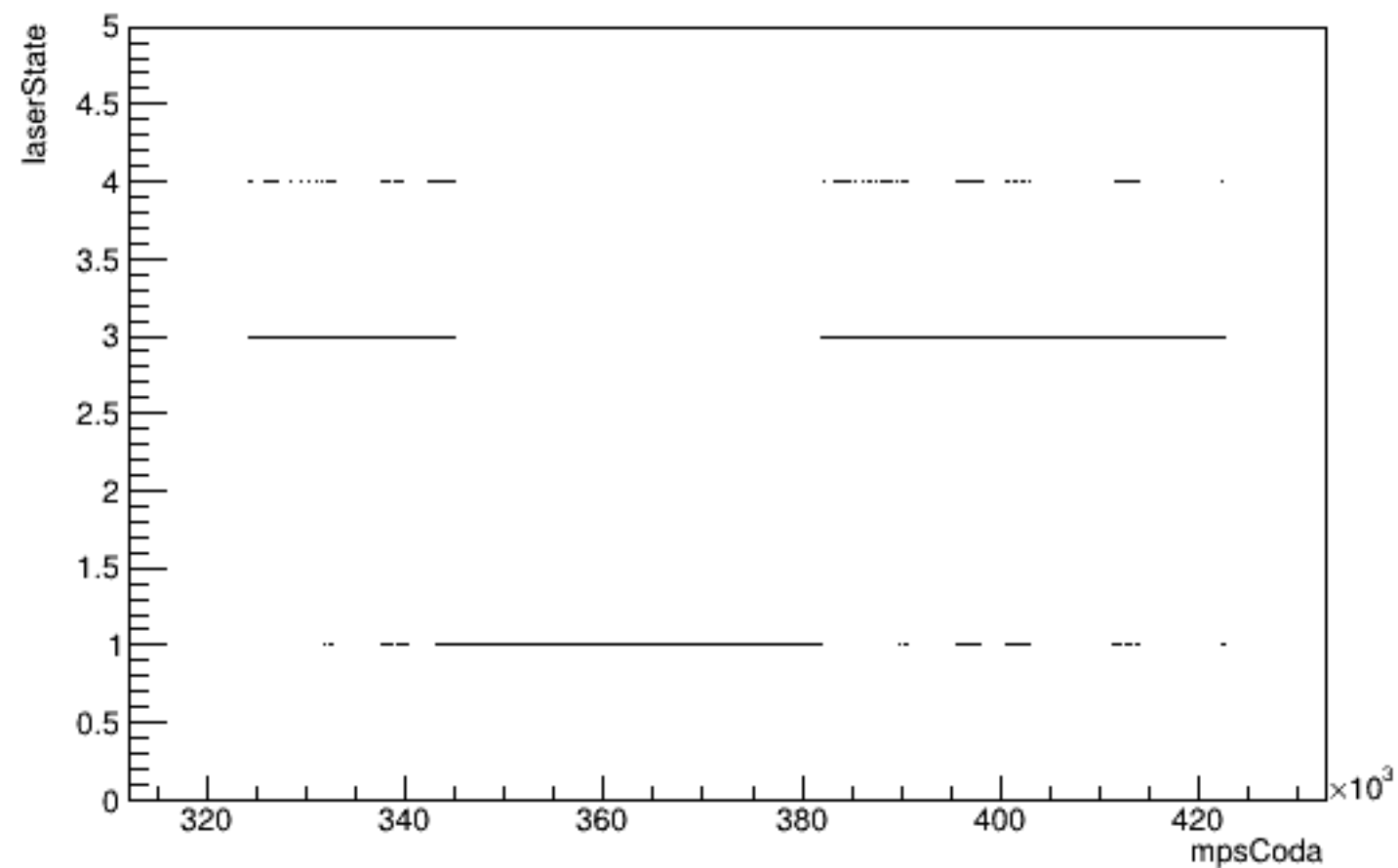
Run 4461 quartetwise, Asyms



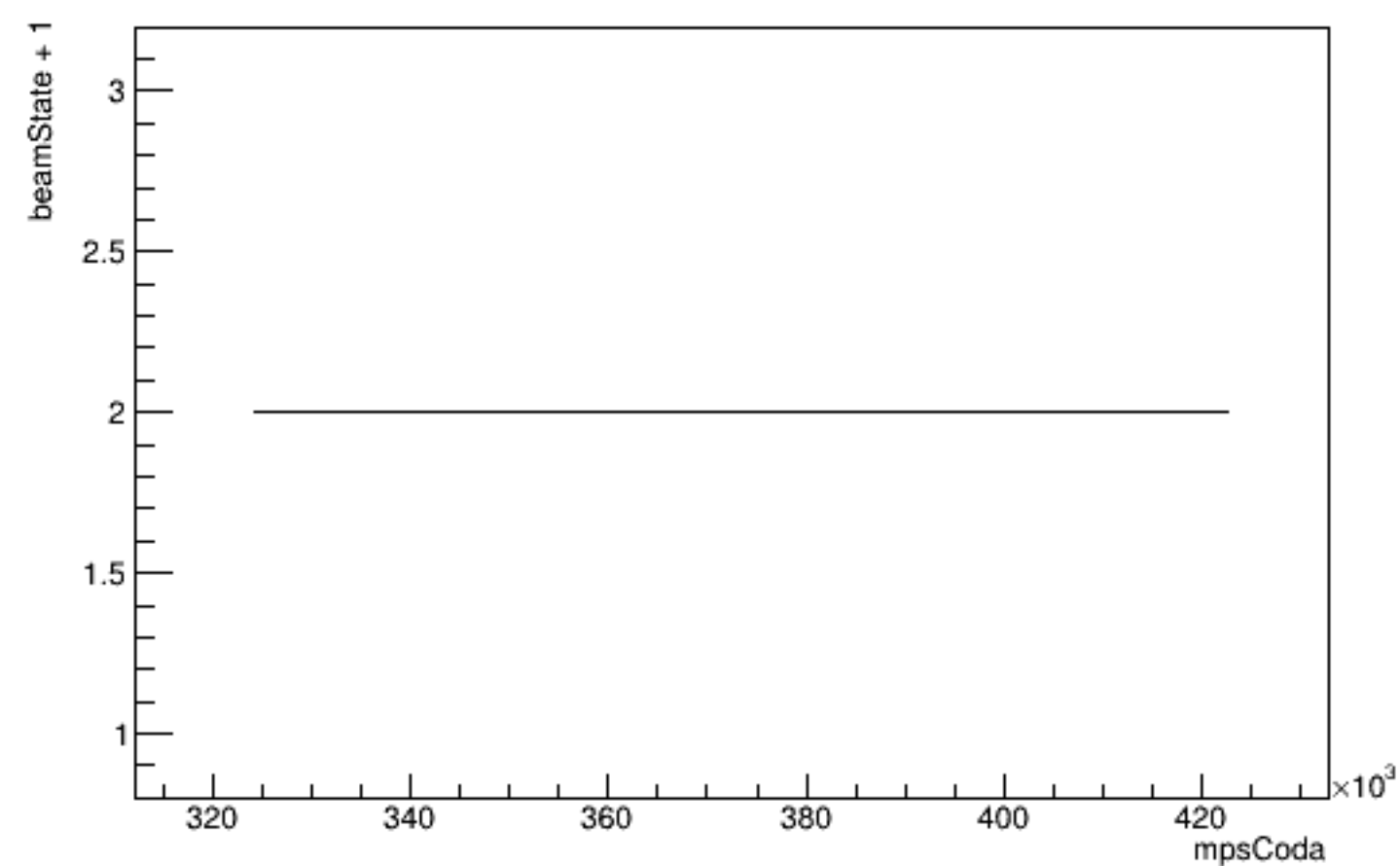
Acc0/NAcc0:mpsCoda {mpsCoda>=324192 && mpsCoda<=422559 && beamState==1}



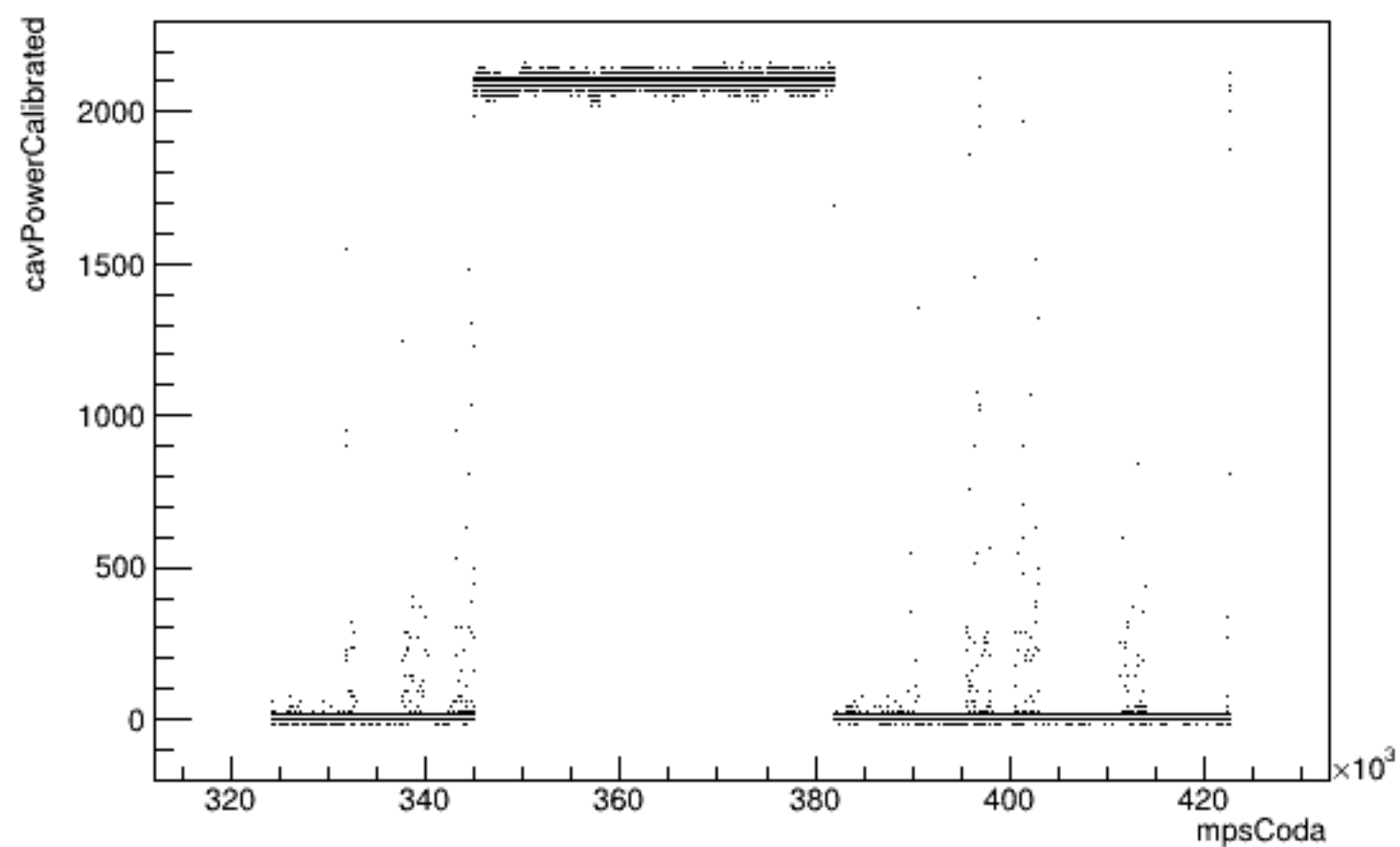
laserState:mpsCoda {mpsCoda>=324192 && mpsCoda<=422559}



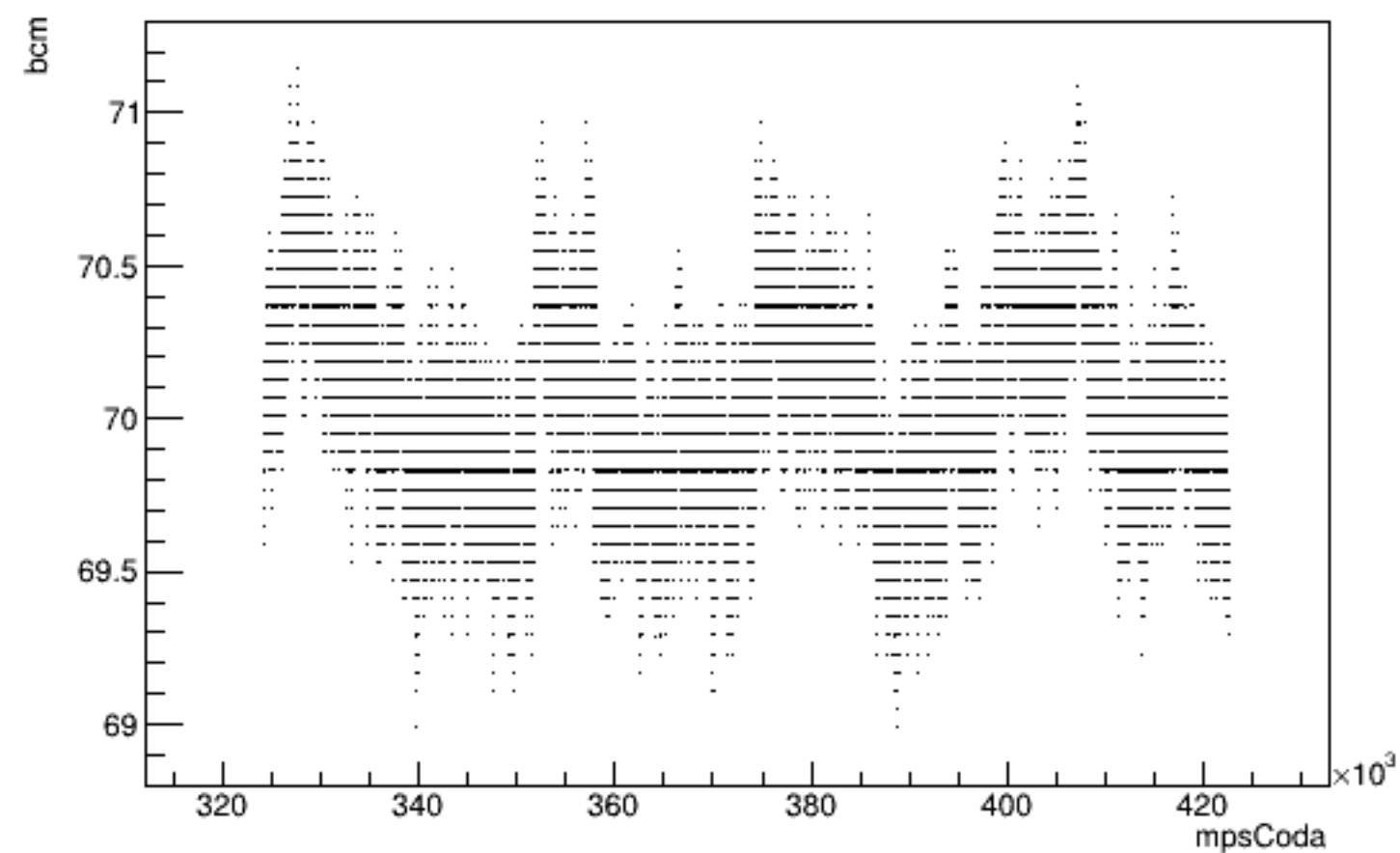
beamState + 1:mpsCoda {mpsCoda>=324192 && mpsCoda<=422559}



cavPowerCalibrated:mpsCoda {mpsCoda>=324192 && mpsCoda<=422559}



bcm:mpsCoda {mpsCoda>=324192 && mpsCoda<=422559}



Cycle 7, Diffs

Entries: 13798

Mean: 0.0281 +/- 0.0029

Std Dev: 0.3437 +/- 0.0021

Entries: 4584

Mean: -0.0546 +/- 0.0057

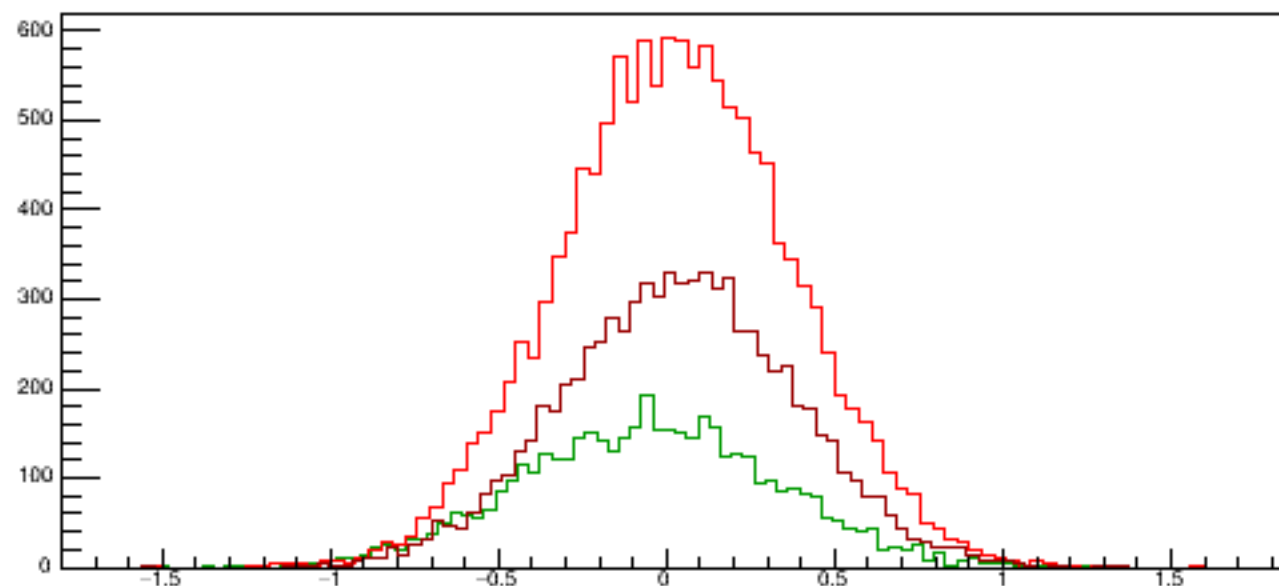
Std Dev: 0.3833 +/- 0.0040

Entries: 8067

Mean: 0.0328 +/- 0.0038

Std Dev: 0.3439 +/- 0.0027

Run 4461 quartetwise, Diffs



Cycle 7, Sums

Entries: 13798

Mean: 16.3309 +/- 0.0062

Std Dev: 0.7276 +/- 0.0044

Entries: 4584

Mean: 21.8523 +/- 0.0075

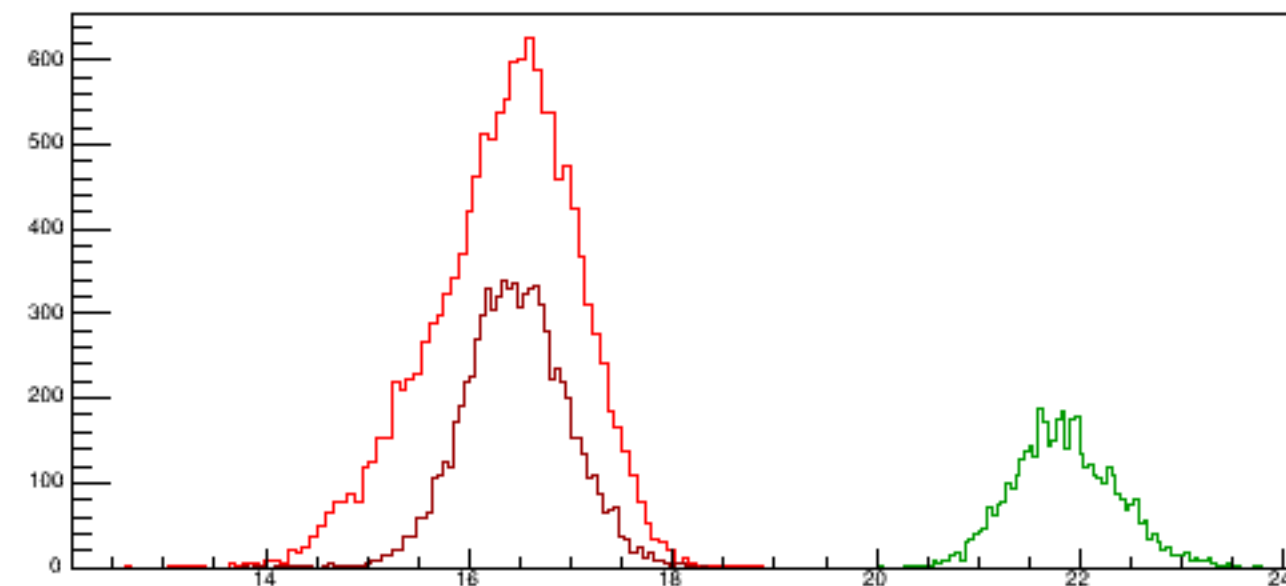
Std Dev: 0.5085 +/- 0.0053

Entries: 8067

Mean: 16.4559 +/- 0.0057

Std Dev: 0.5149 +/- 0.0041

Run 4461 quartetwise, Sums



Cycle 7, Asyms

Entries: 13798

Mean: 0.0051 +/- 0.0005

Std Dev: 0.0630 +/- 0.0004

Entries: 4584

Mean: -0.0102 +/- 0.0010

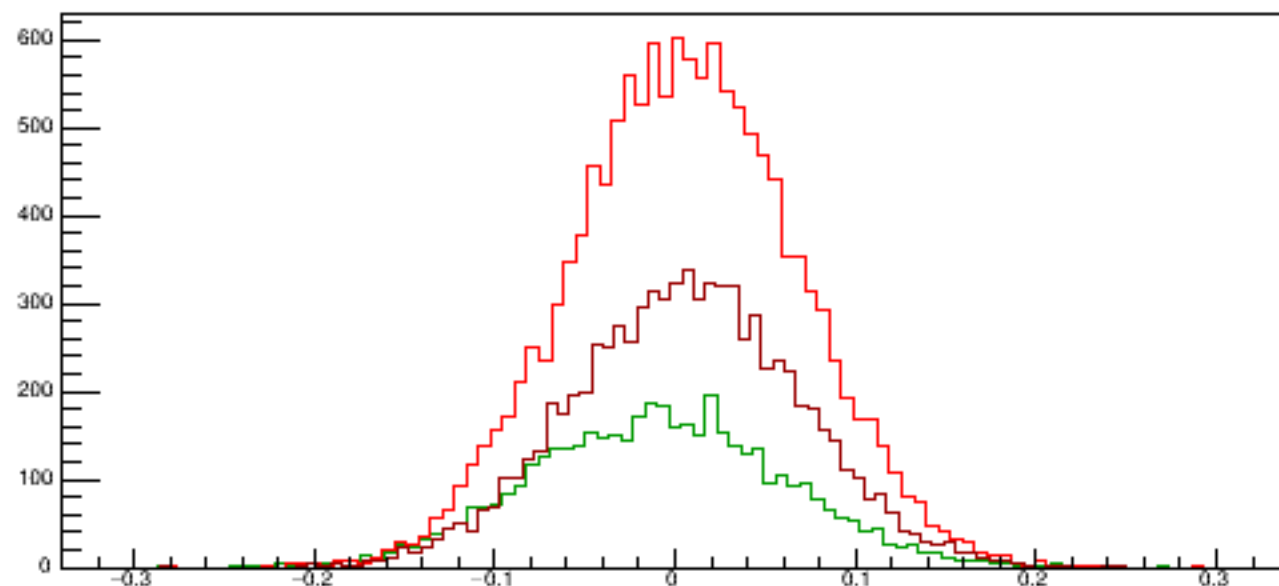
Std Dev: 0.0704 +/- 0.0007

Entries: 8067

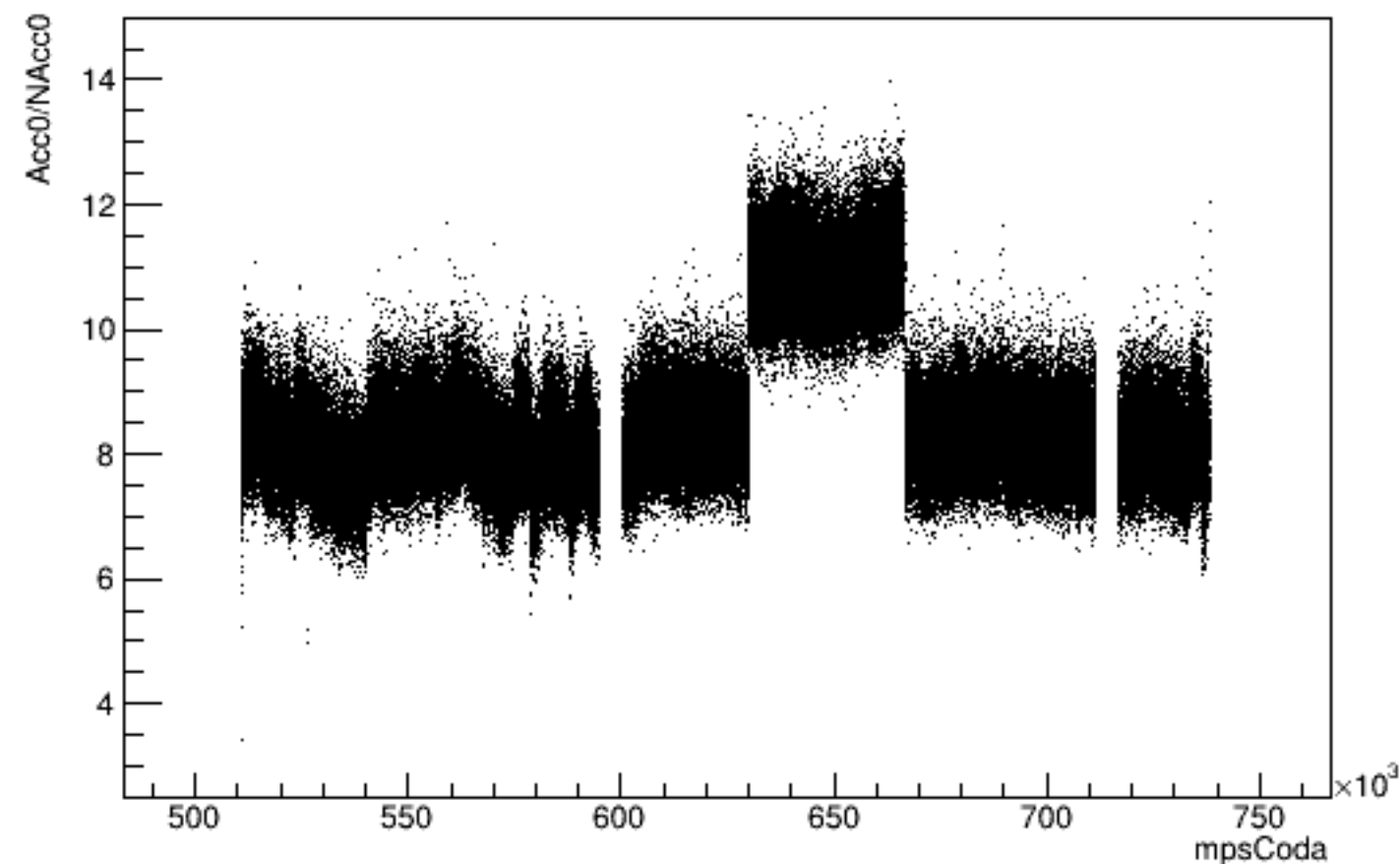
Mean: 0.0060 +/- 0.0007

Std Dev: 0.0630 +/- 0.0005

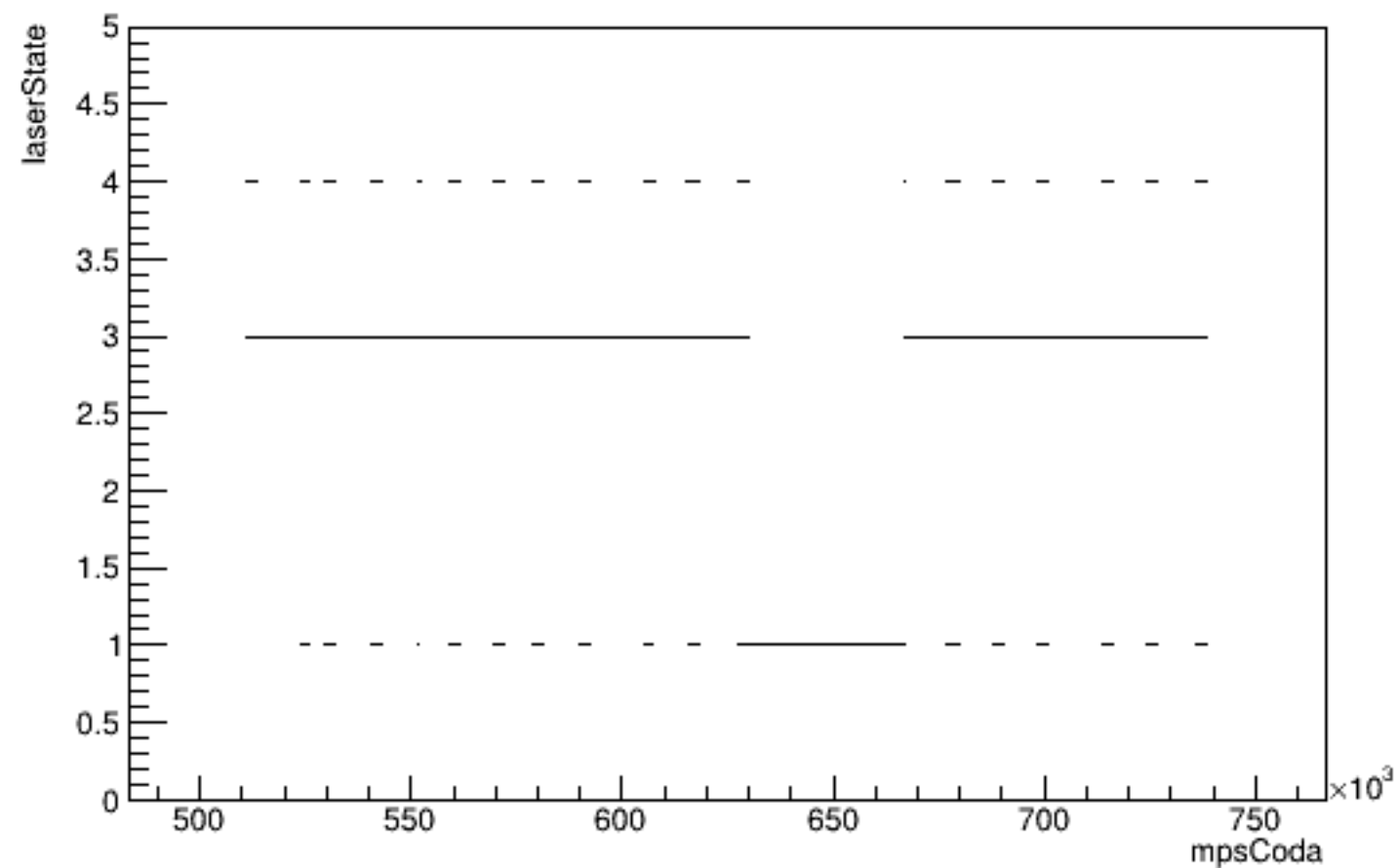
Run 4461 quartetwise, Asyms



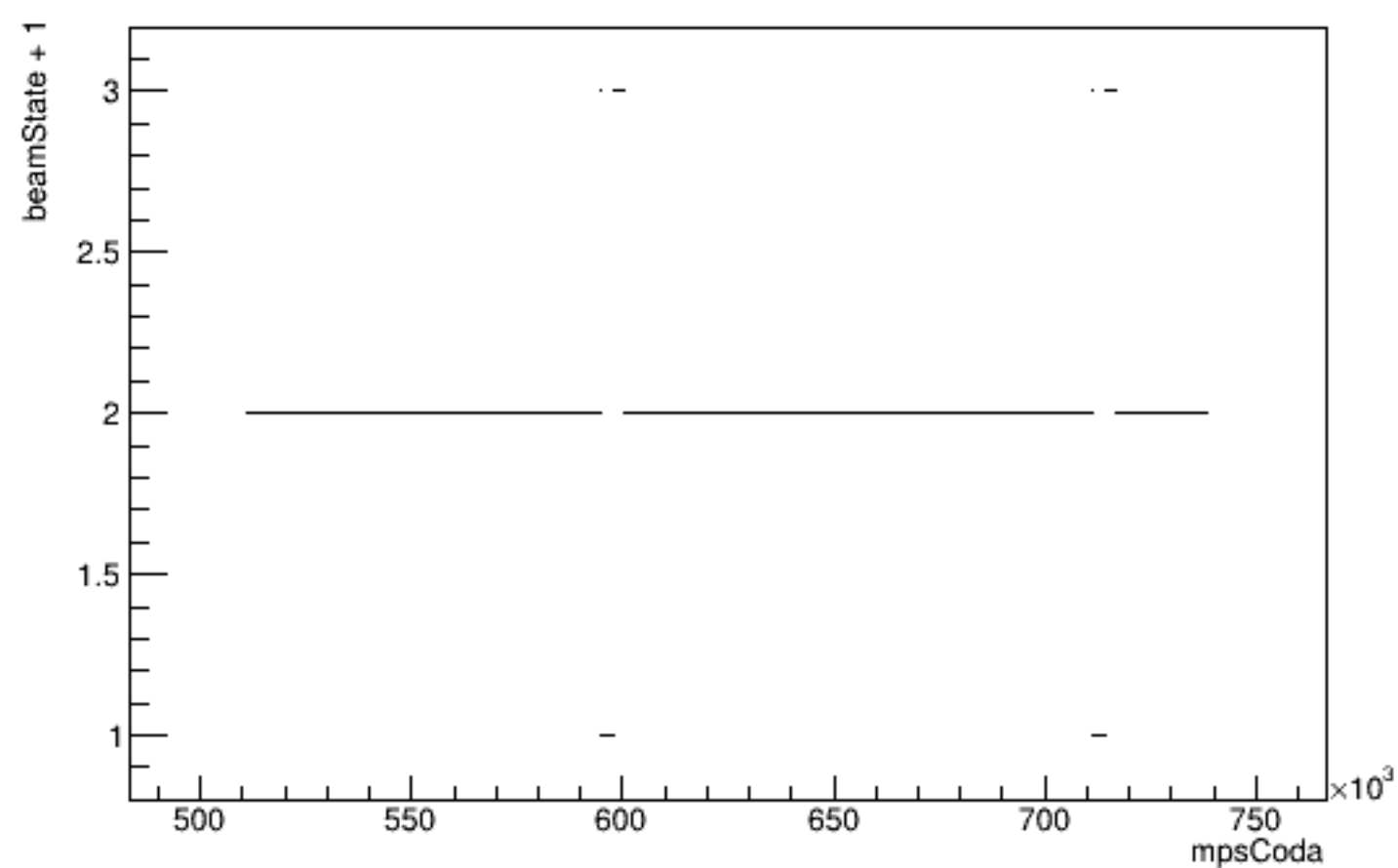
Acc0/NAcc0:mpsCoda {mpsCoda>=510712 && mpsCoda<=738151 && beamState==1}



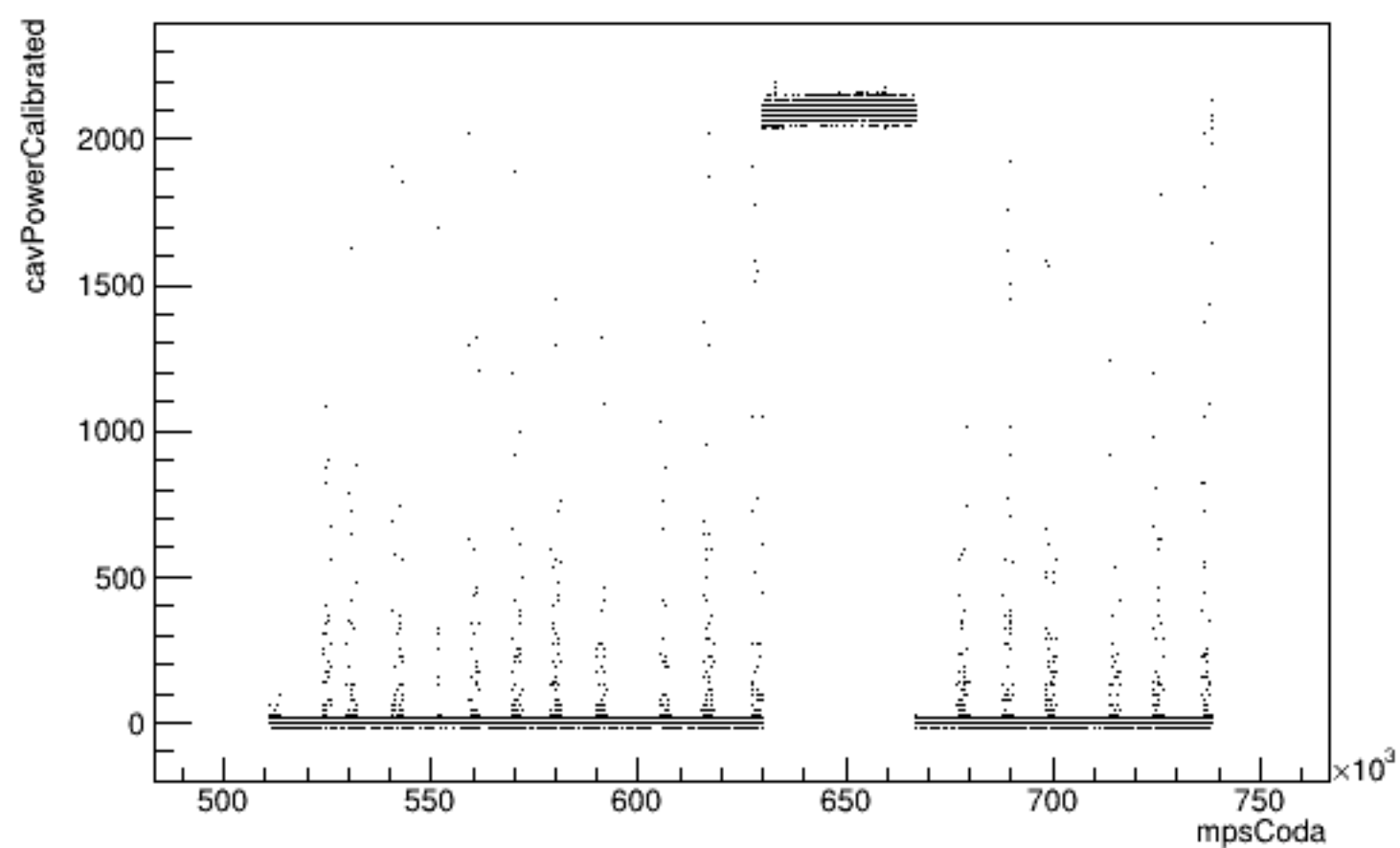
laserState:mpsCoda {mpsCoda>=510712 && mpsCoda<=738151}



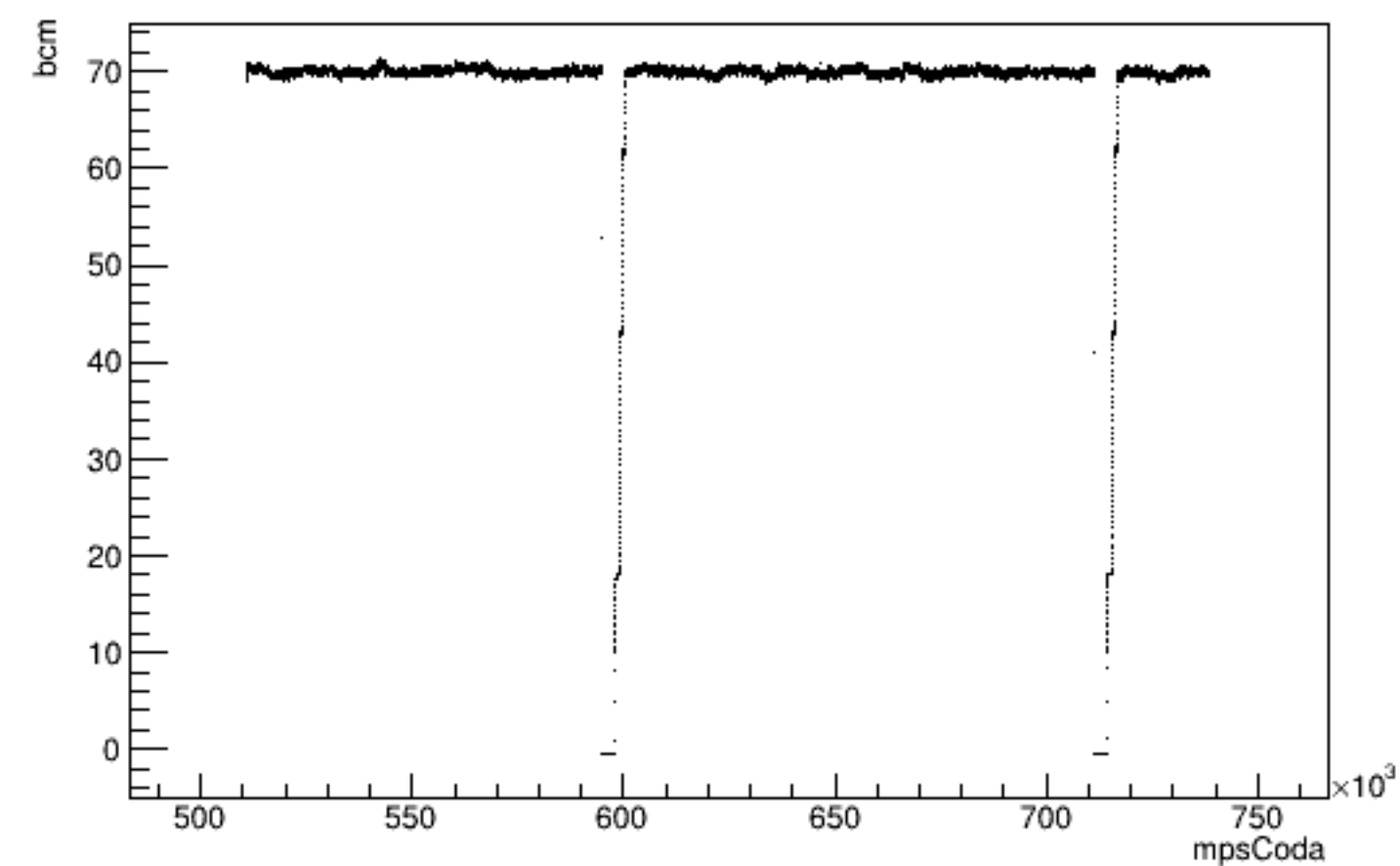
beamState + 1:mpsCoda {mpsCoda>=510712 && mpsCoda<=738151}



cavPowerCalibrated:mpsCoda {mpsCoda>=510712 && mpsCoda<=738151}



bcm:mpsCoda {mpsCoda>=510712 && mpsCoda<=738151}



Cycle 8, Diffs

Entries: 8067

Mean: 0.0328 +/- 0.0038

Std Dev: 0.3439 +/- 0.0027

Entries: 4592

Mean: -0.0482 +/- 0.0056

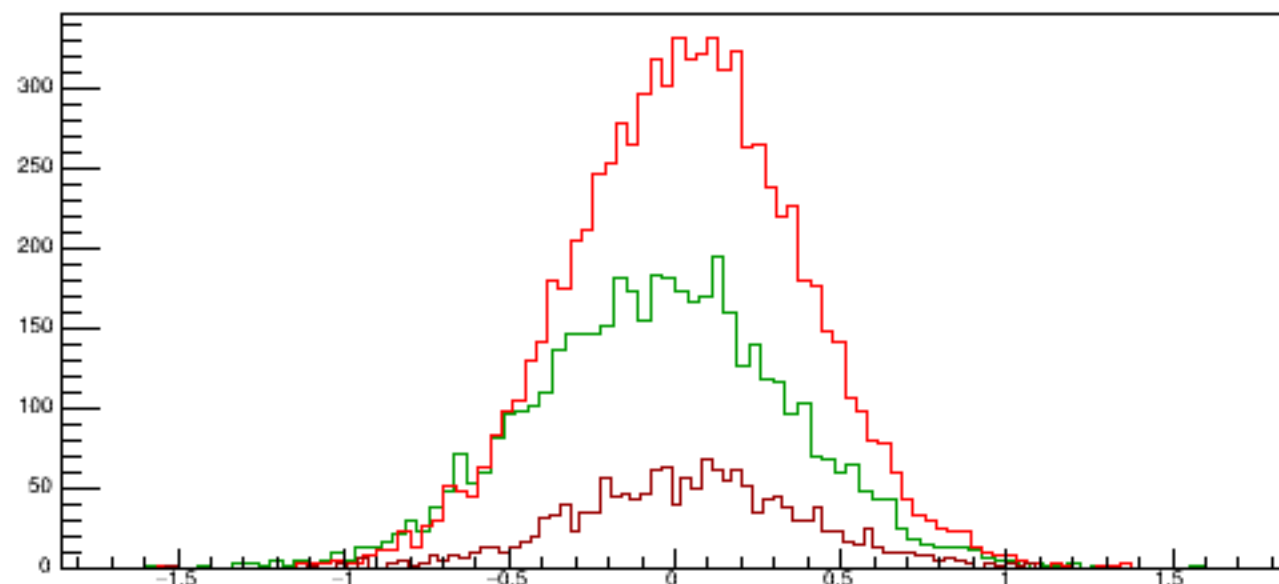
Std Dev: 0.3820 +/- 0.0040

Entries: 1570

Mean: 0.0425 +/- 0.0087

Std Dev: 0.3460 +/- 0.0062

Run 4461 quartetwise, Diffs



Cycle 8, Sums

Entries: 8067

Mean: 16.4559 +/- 0.0057

Std Dev: 0.5149 +/- 0.0041

Entries: 4592

Mean: 21.7042 +/- 0.0106

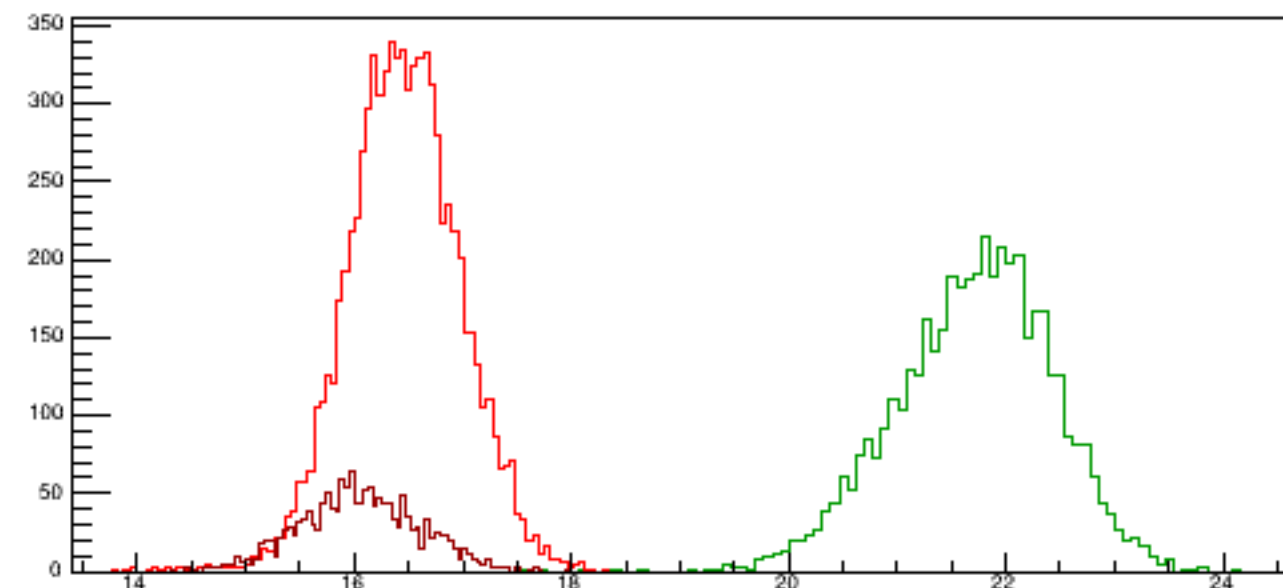
Std Dev: 0.7216 +/- 0.0075

Entries: 1570

Mean: 16.0477 +/- 0.0139

Std Dev: 0.5524 +/- 0.0099

Run 4461 quartetwise, Sums



Cycle 8, Asyms

Entries: 8067

Mean: 0.0060 +/- 0.0007

Std Dev: 0.0631 +/- 0.0005

Entries: 4592

Mean: -0.0093 +/- 0.0011

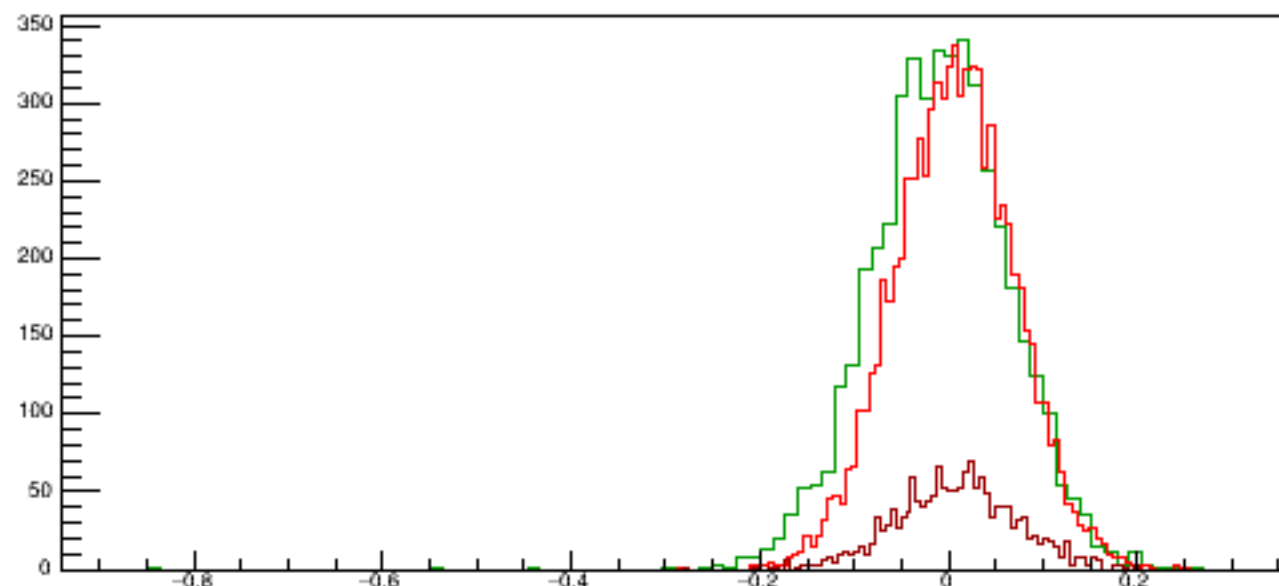
Std Dev: 0.0727 +/- 0.0008

Entries: 1570

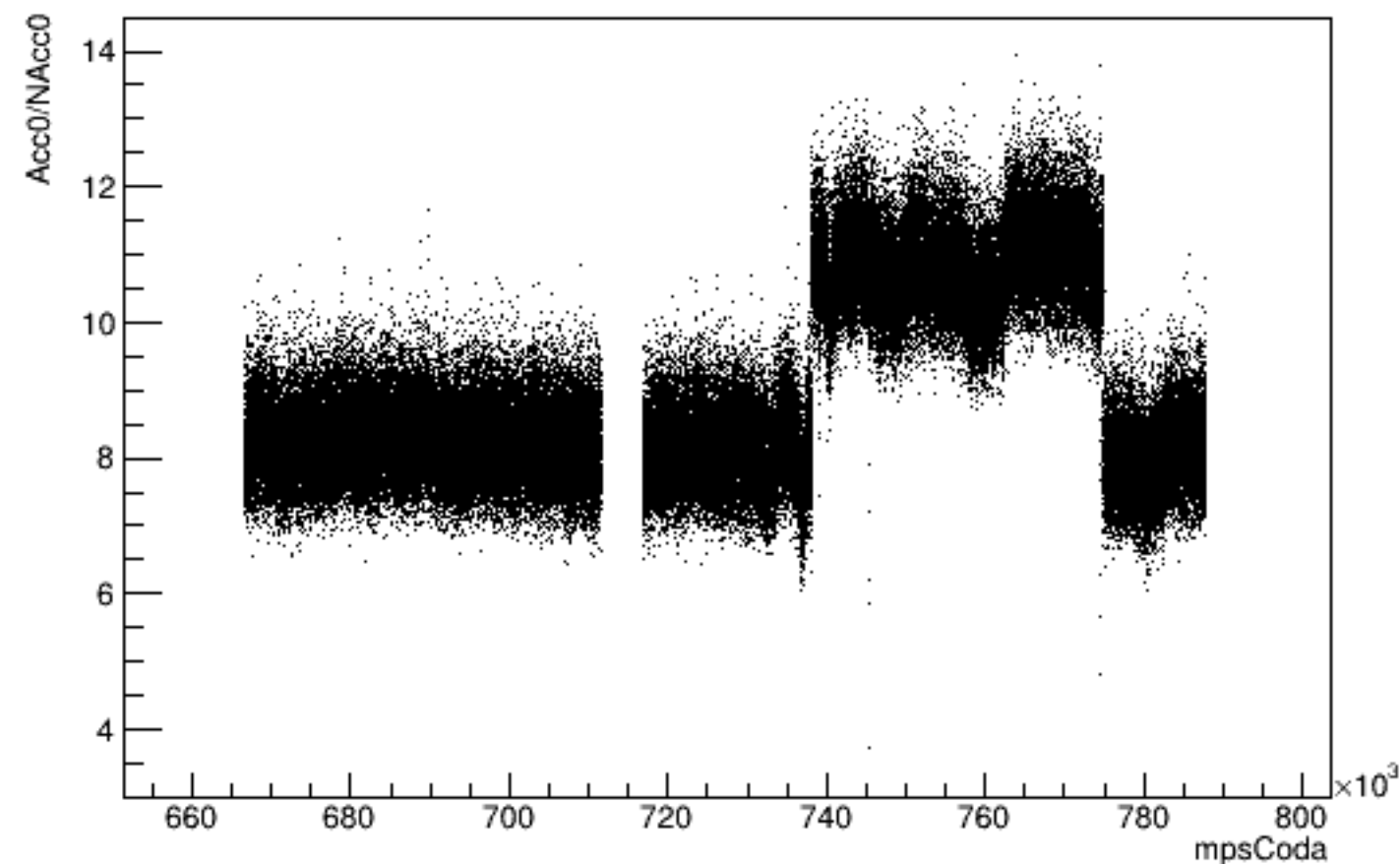
Mean: 0.0078 +/- 0.0016

Std Dev: 0.0635 +/- 0.0011

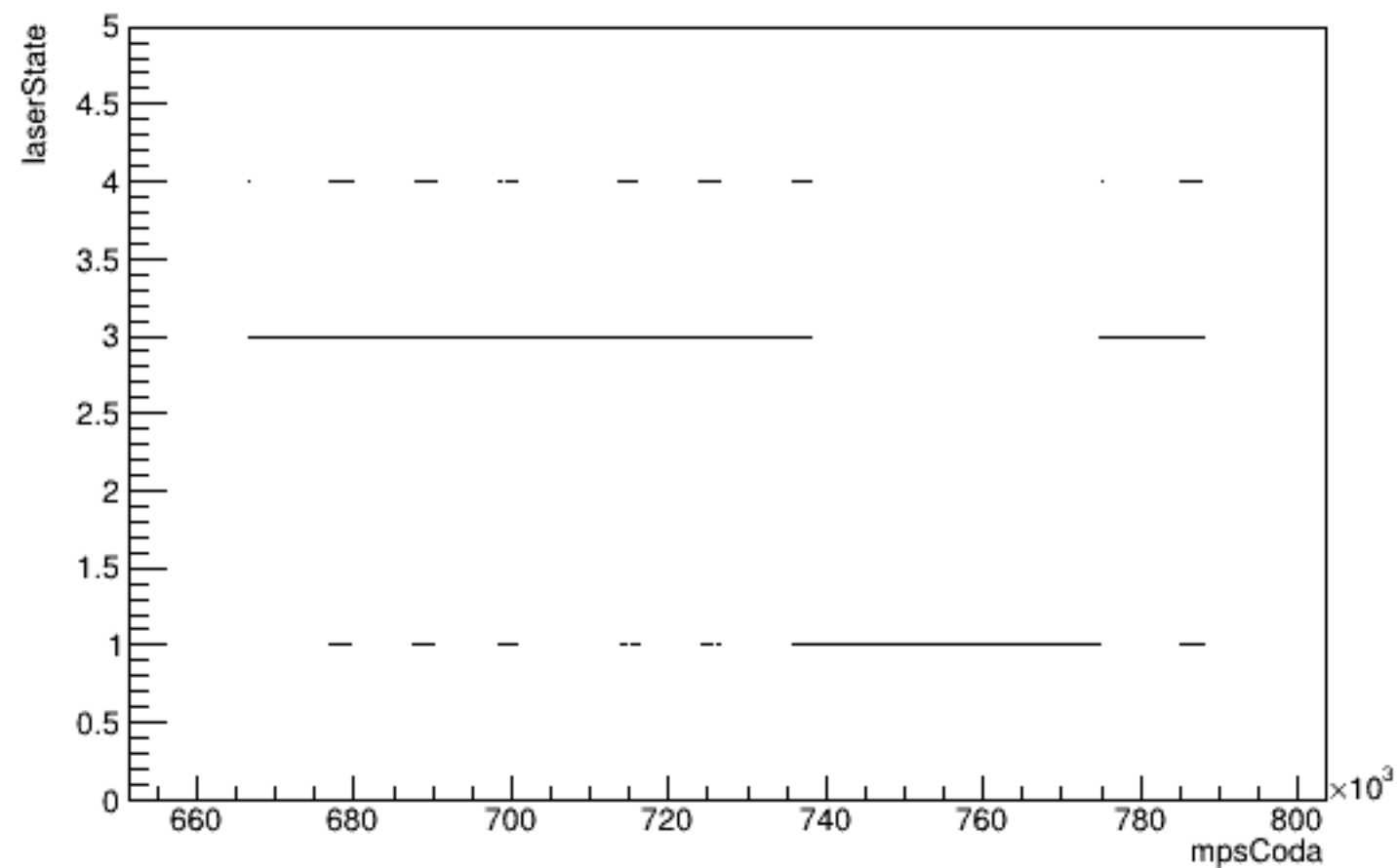
Run 4461 quartetwise, Asyms



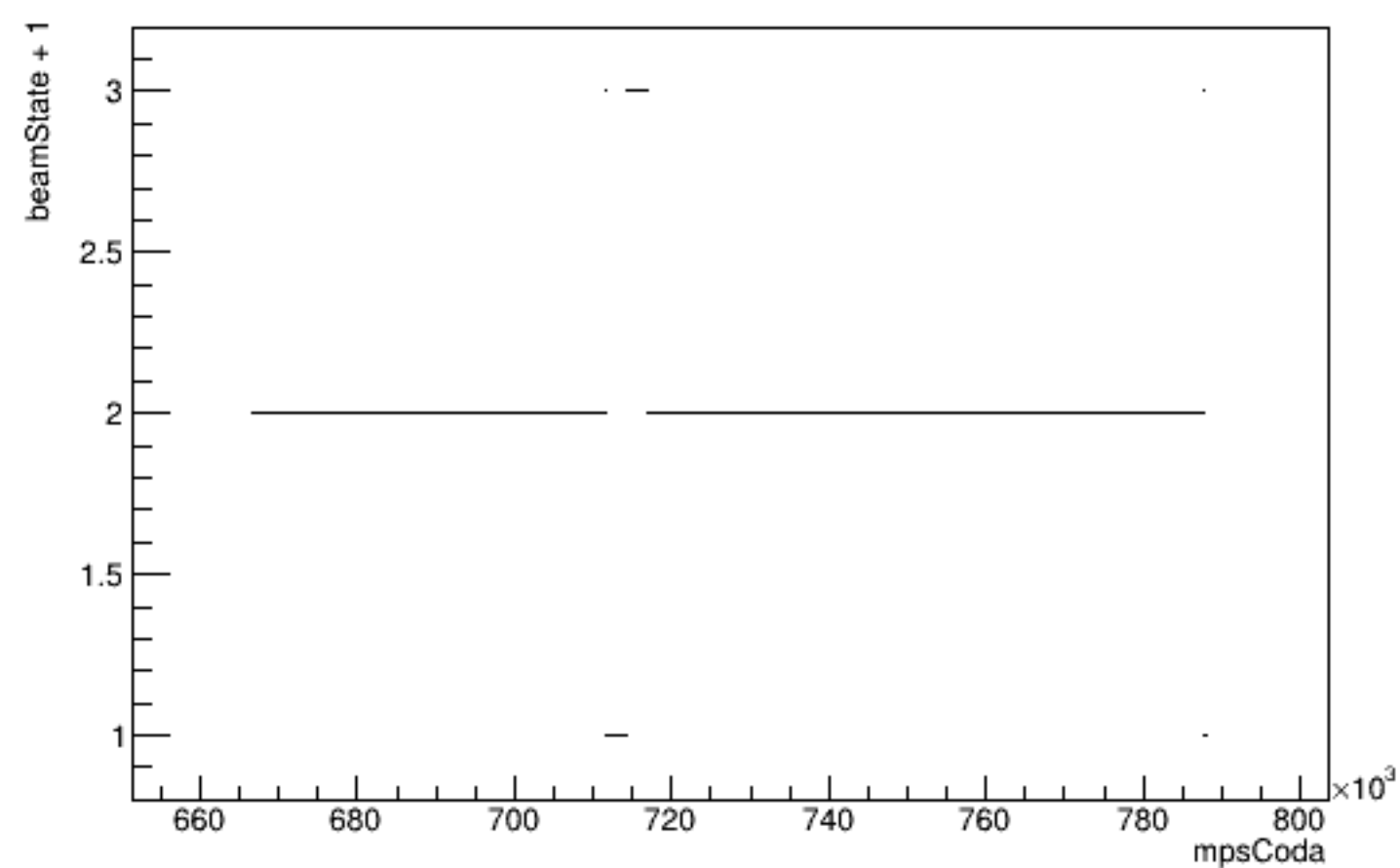
Acc0/NAcc0:mpsCoda {mpsCoda>=666608 && mpsCoda<=787975 && beamState==1}



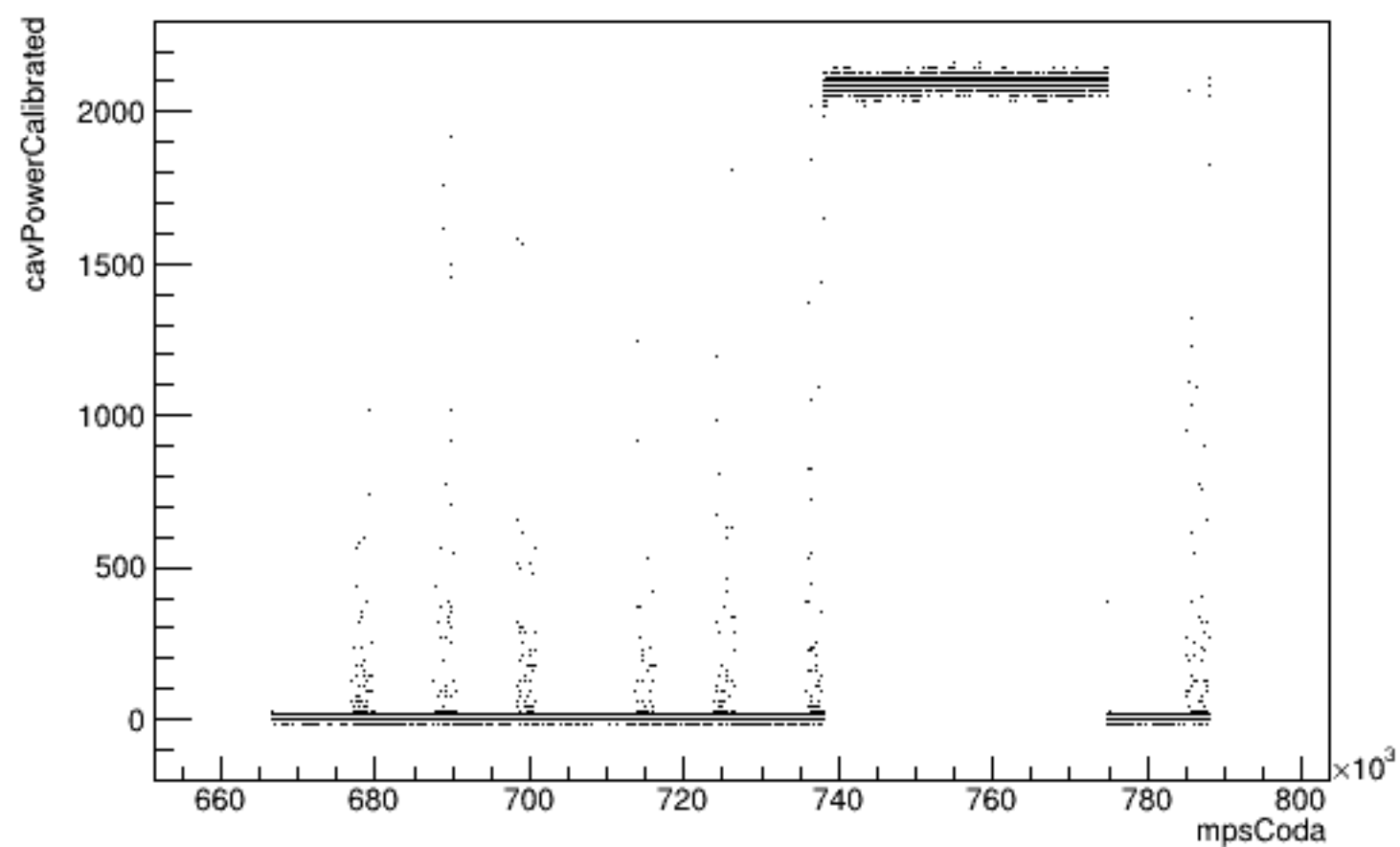
laserState:mpsCoda {mpsCoda>=666608 && mpsCoda<=787975}



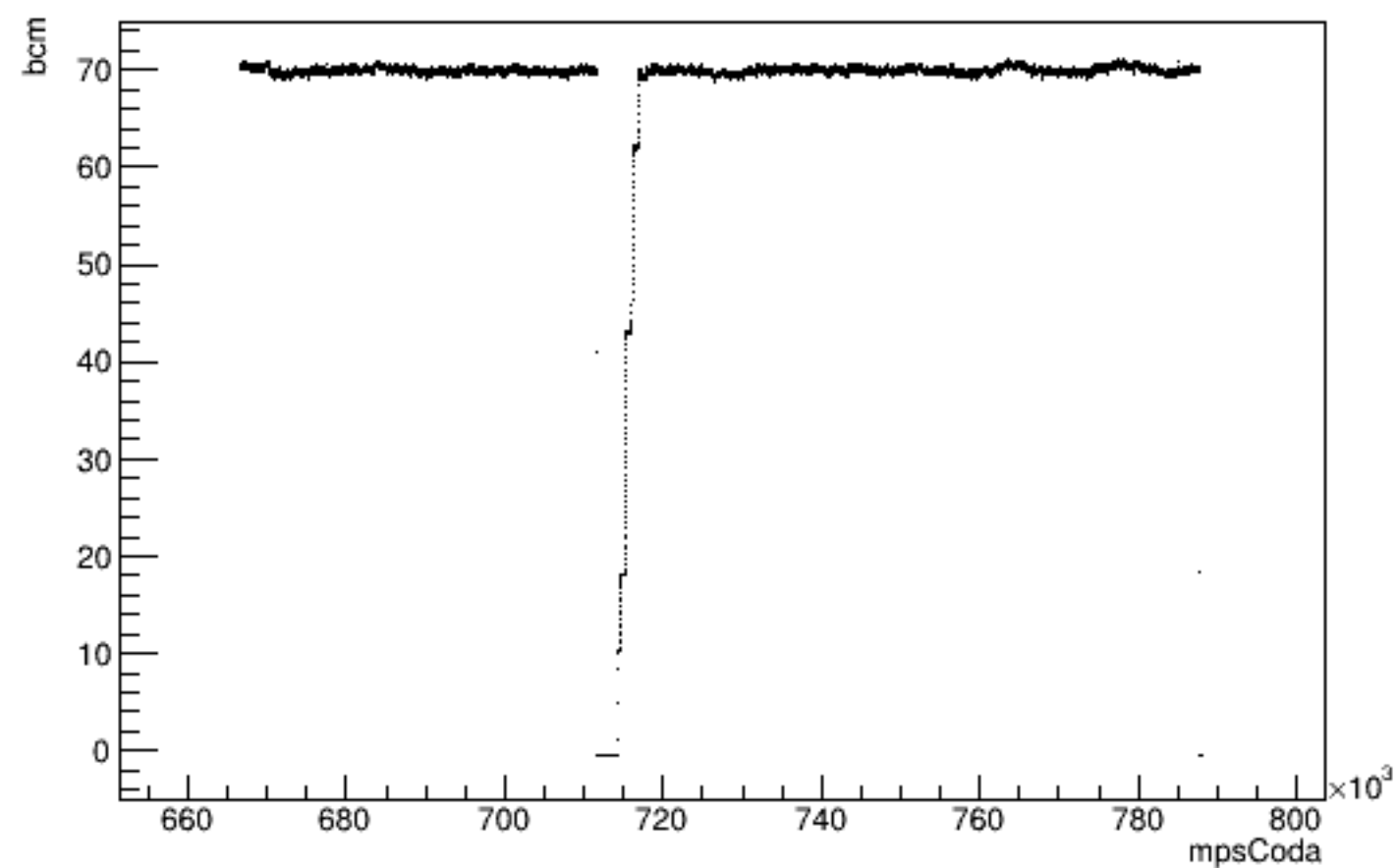
beamState + 1:mpsCoda {mpsCoda>=666608 && mpsCoda<=787975}



cavPowerCalibrated:mpsCoda {mpsCoda>=666608 && mpsCoda<=787975}



bcm:mpsCoda {mpsCoda>=666608 && mpsCoda<=787975}



Cycle 9, Diffs

Entries: 11538

Mean: 0.0211 +/- 0.0033

Std Dev: 0.3511 +/- 0.0023

Entries: 4083

Mean: -0.0552 +/- 0.0060

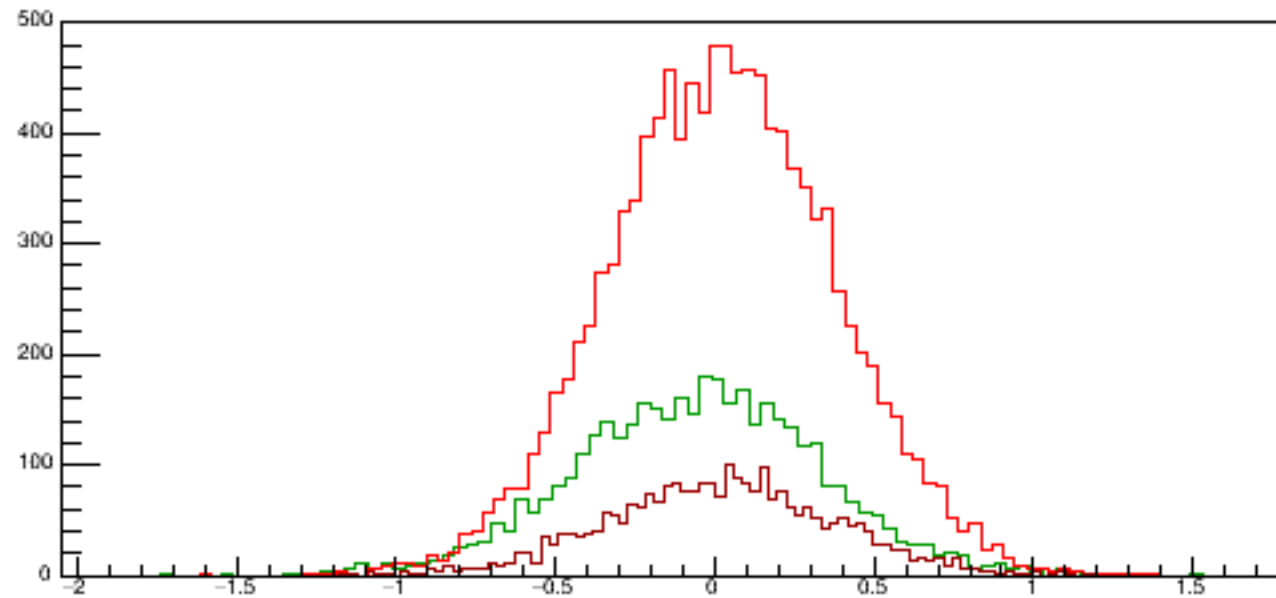
Std Dev: 0.3835 +/- 0.0042

Entries: 2683

Mean: 0.0167 +/- 0.0068

Std Dev: 0.3544 +/- 0.0048

Run 4461 quartetwise, Diffs



Cycle 9, Sums

Entries: 11538

Mean: 16.9210 +/- 0.0046

Std Dev: 0.4957 +/- 0.0033

Entries: 4083

Mean: 22.0621 +/- 0.0088

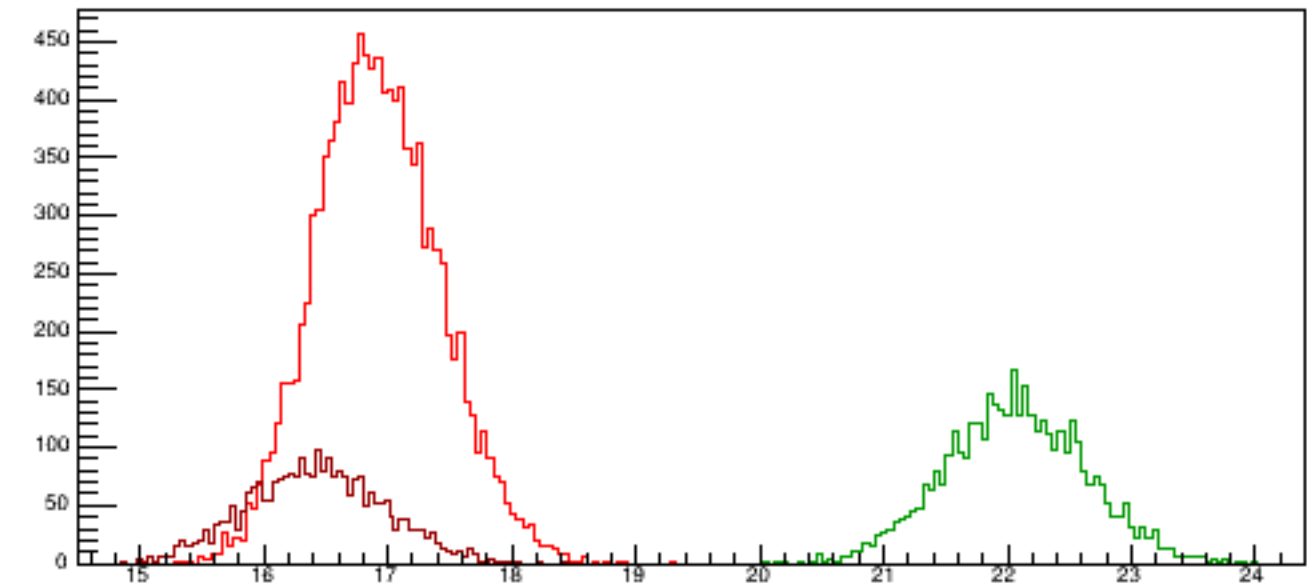
Std Dev: 0.5619 +/- 0.0062

Entries: 2683

Mean: 16.4182 +/- 0.0105

Std Dev: 0.5462 +/- 0.0075

Run 4461 quartetwise, Sums



Cycle 9, Asyms

Entries: 11538

Mean: 0.0039 +/- 0.0006

Std Dev: 0.0651 +/- 0.0004

Entries: 4083

Mean: -0.0102 +/- 0.0011

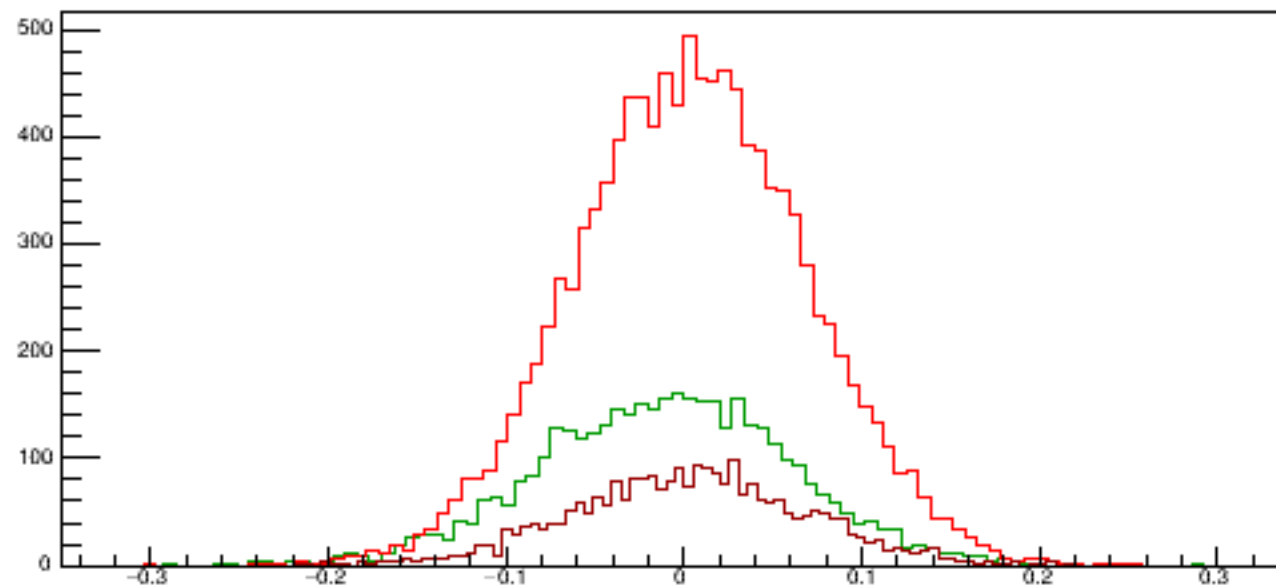
Std Dev: 0.0714 +/- 0.0008

Entries: 2683

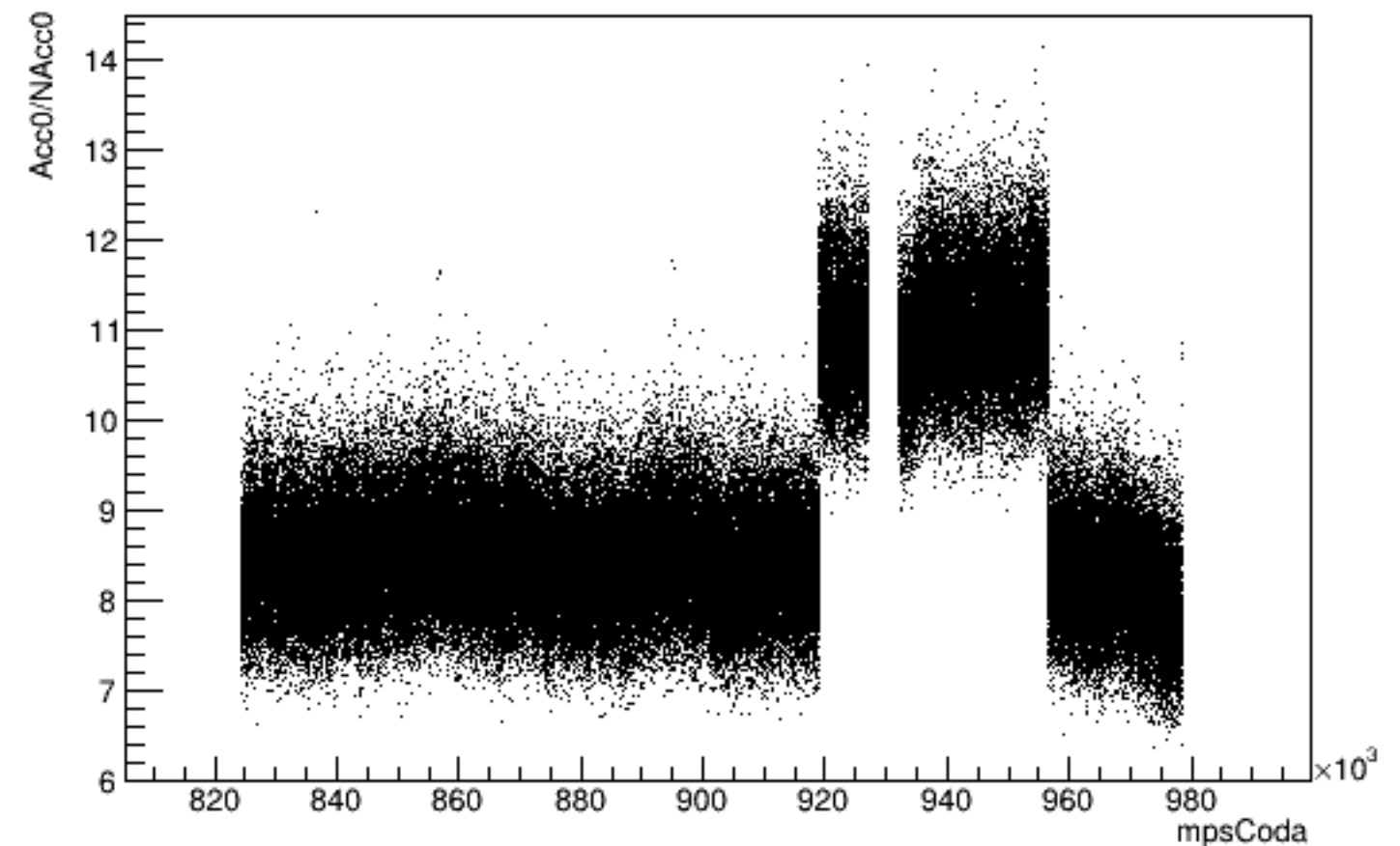
Mean: 0.0031 +/- 0.0013

Std Dev: 0.0657 +/- 0.0009

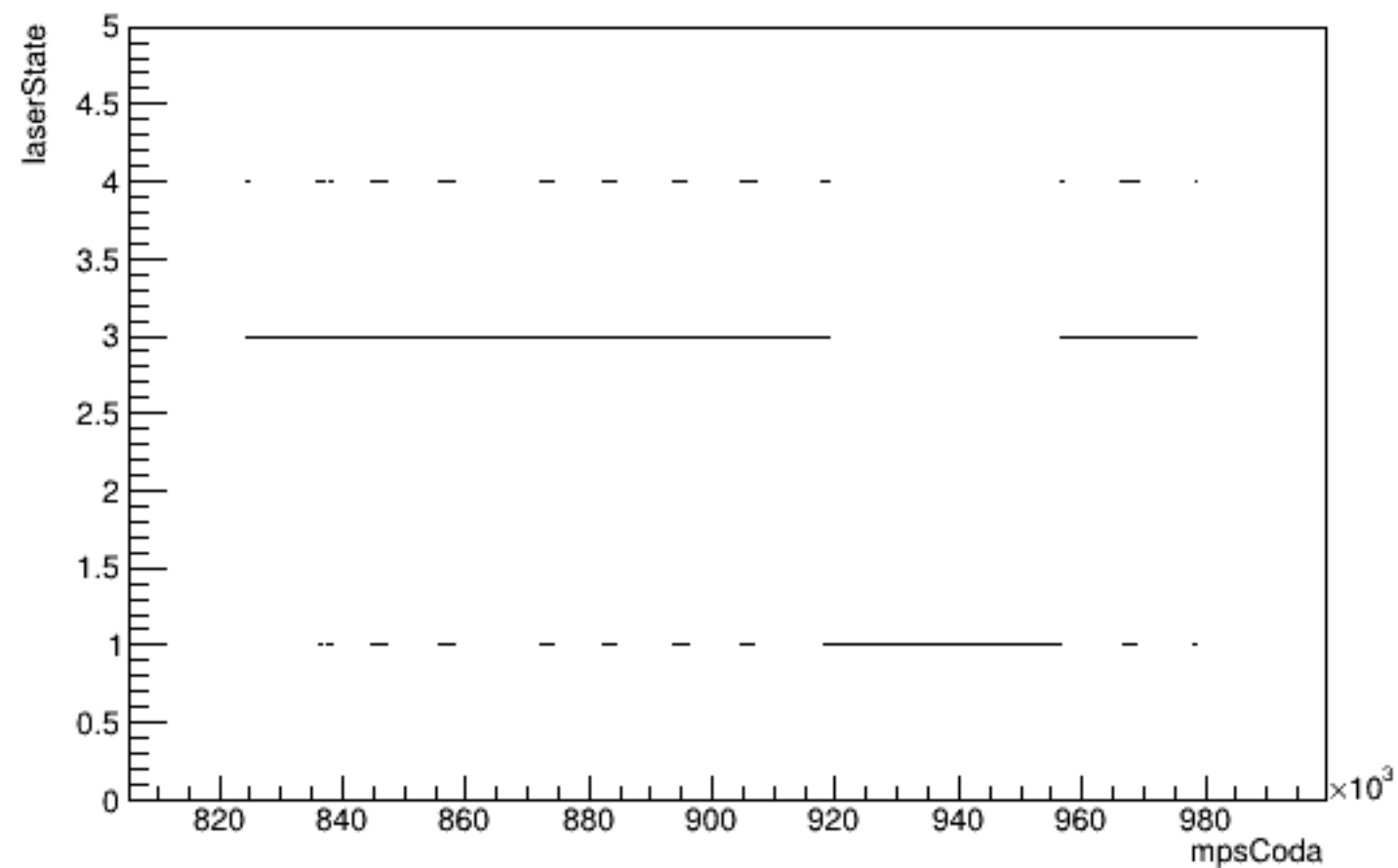
Run 4461 quartetwise, Asyms



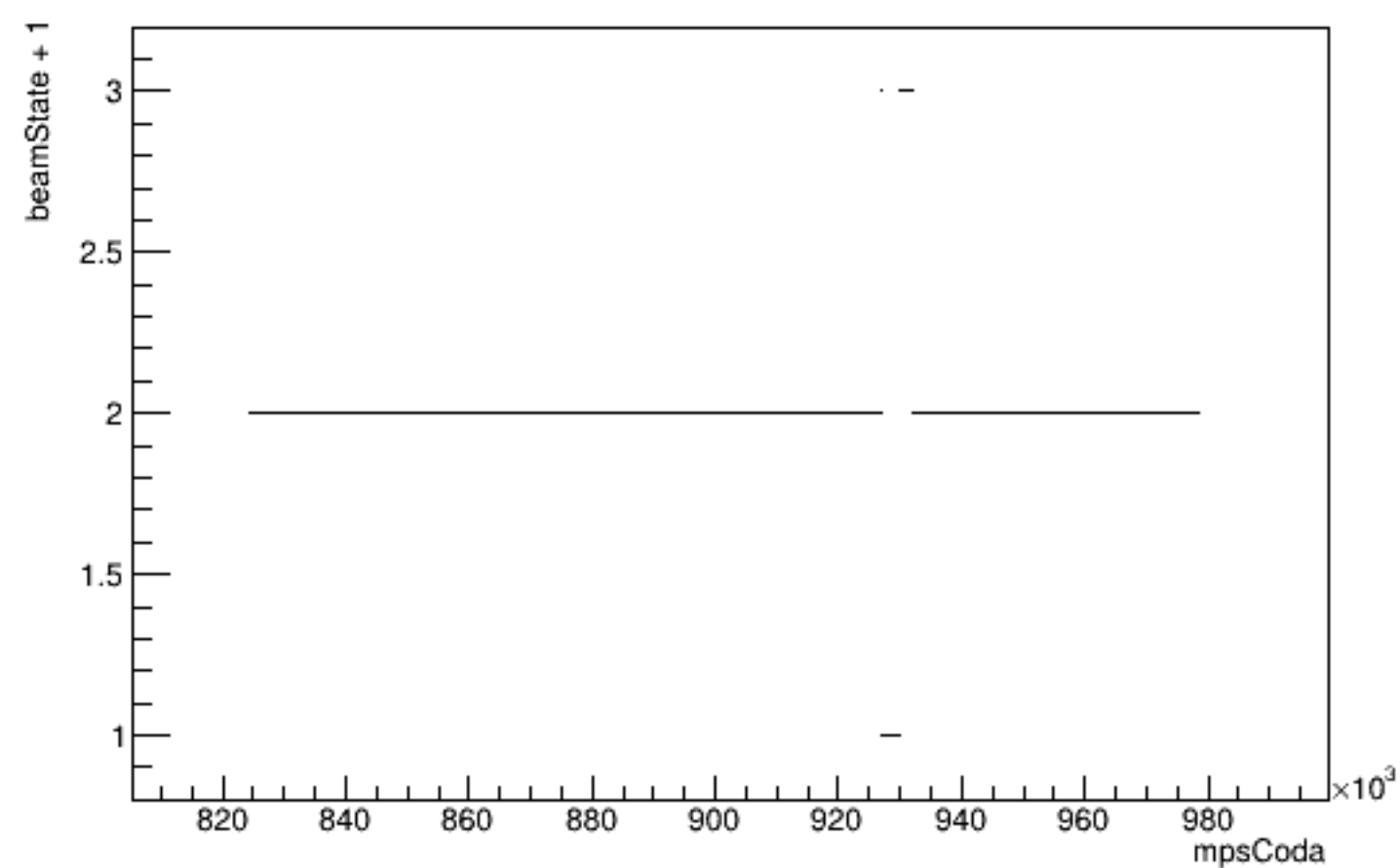
Acc0/NAcc0:mpsCoda {mpsCoda>=824416 && mpsCoda<=978423 && beamState==1}



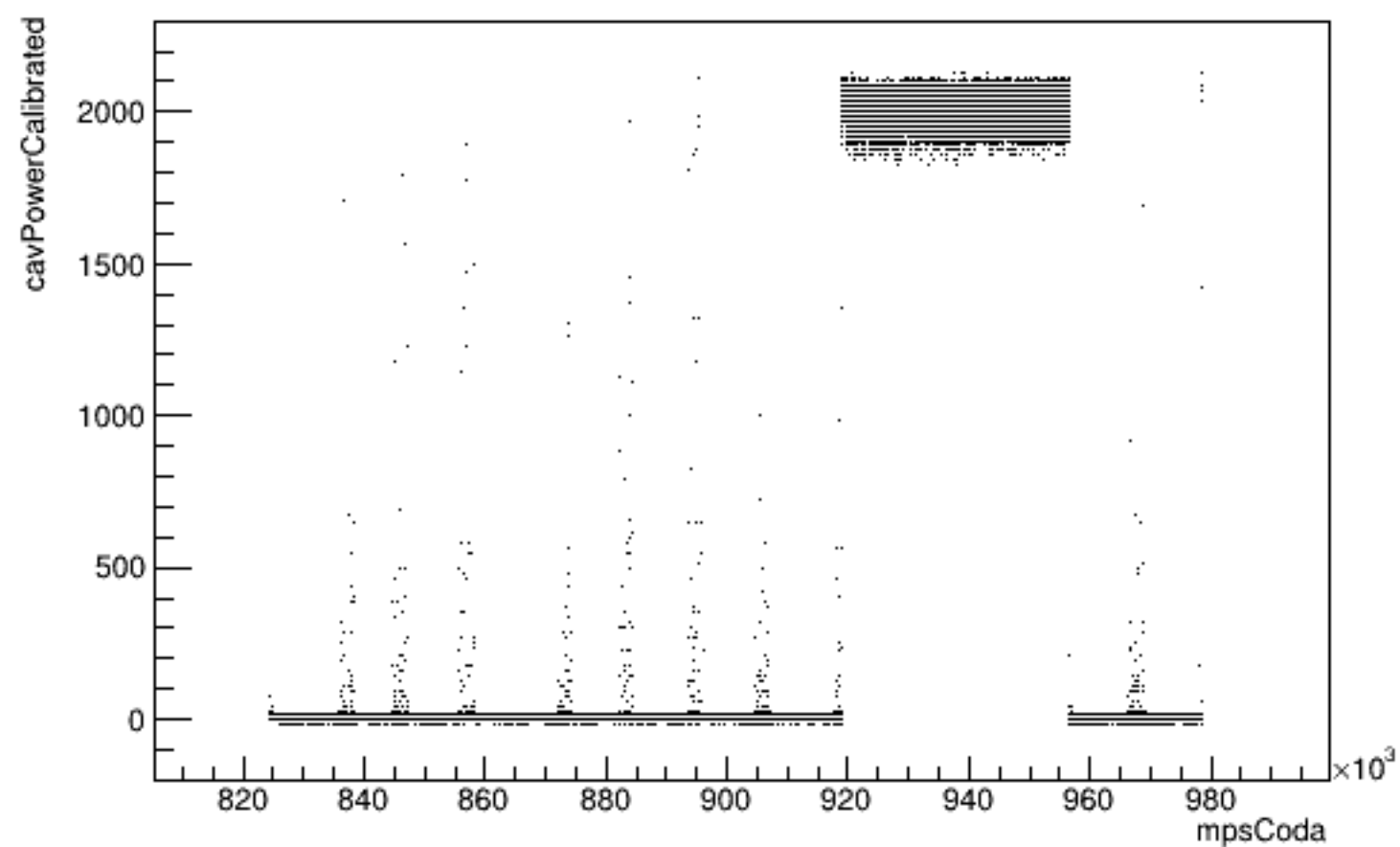
laserState:mpsCoda {mpsCoda>=824416 && mpsCoda<=978423}



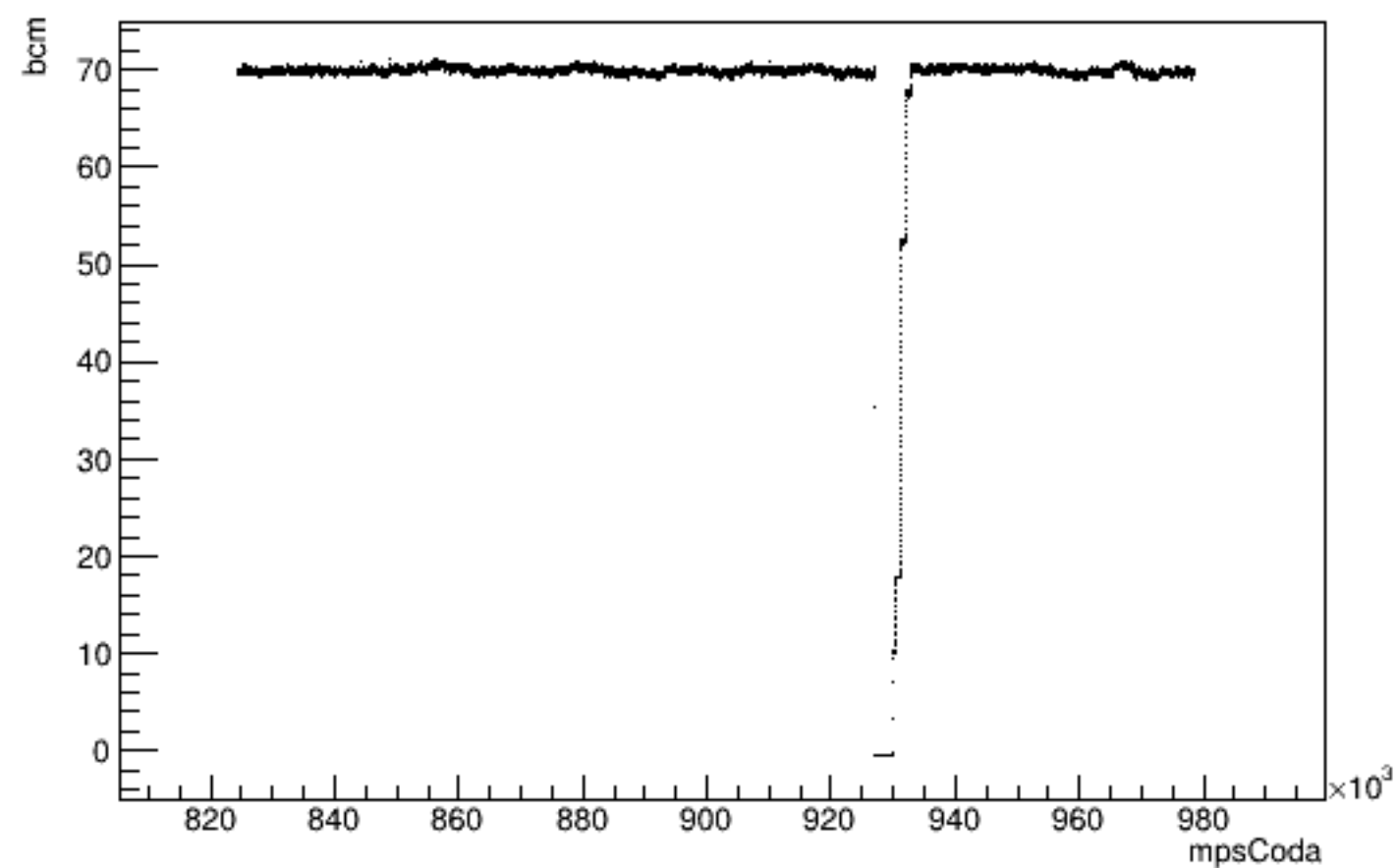
beamState + 1:mpsCoda {mpsCoda>=824416 && mpsCoda<=978423}



cavPowerCalibrated:mpsCoda {mpsCoda>=824416 && mpsCoda<=978423}



bcm:mpsCoda {mpsCoda>=824416 && mpsCoda<=978423}



Cycle 10, Diffs

Entries: 2683

Mean: 0.0167 +/- 0.0068

Std Dev: 0.3544 +/- 0.0048

Entries: 3165

Mean: -0.0346 +/- 0.0069

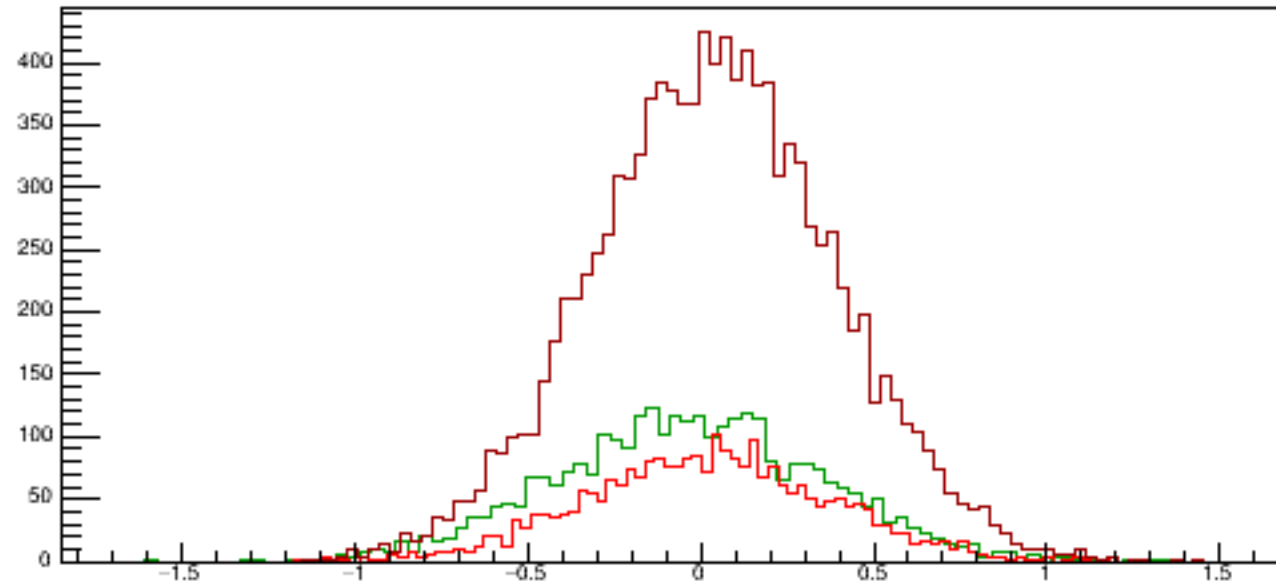
Std Dev: 0.3855 +/- 0.0048

Entries: 11359

Mean: 0.0371 +/- 0.0033

Std Dev: 0.3499 +/- 0.0023

Run 4461 quartetwise, Diffs



Cycle 10, Sums

Entries: 2683

Mean: 16.4182 +/- 0.0105

Std Dev: 0.5462 +/- 0.0075

Entries: 3165

Mean: 21.5807 +/- 0.0095

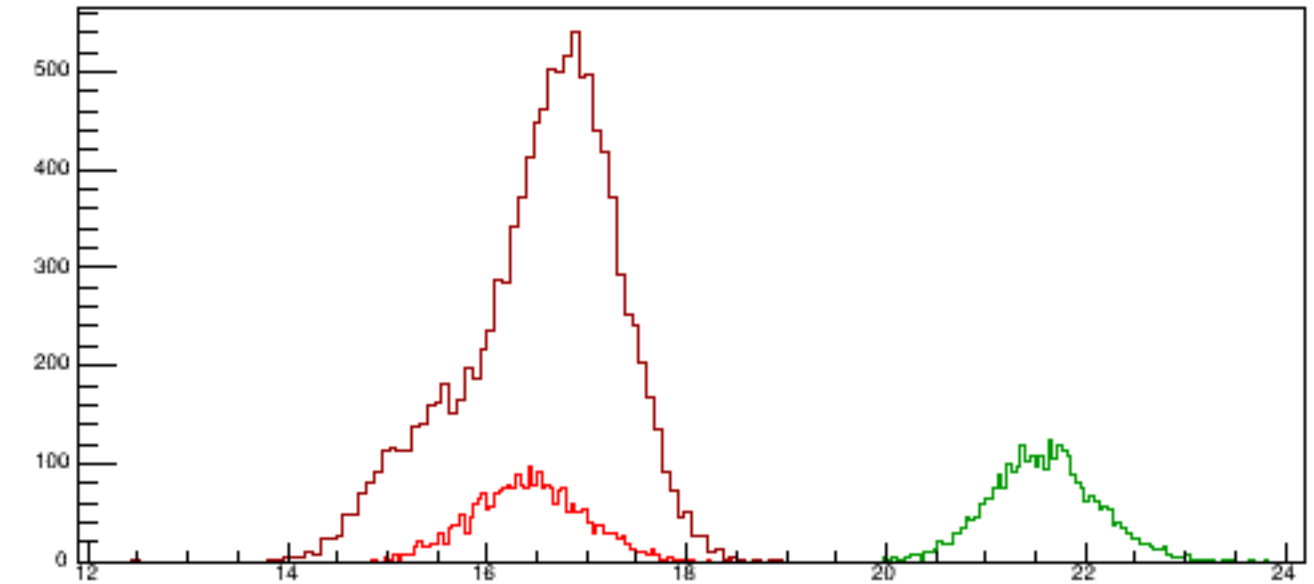
Std Dev: 0.5329 +/- 0.0067

Entries: 11359

Mean: 16.5292 +/- 0.0073

Std Dev: 0.7778 +/- 0.0052

Run 4461 quartetwise, Sums



Cycle 10, Asyms

Entries: 2683

Mean: 0.0033 +/- 0.0013

Std Dev: 0.0694 +/- 0.0009

Entries: 3165

Mean: -0.0070 +/- 0.0014

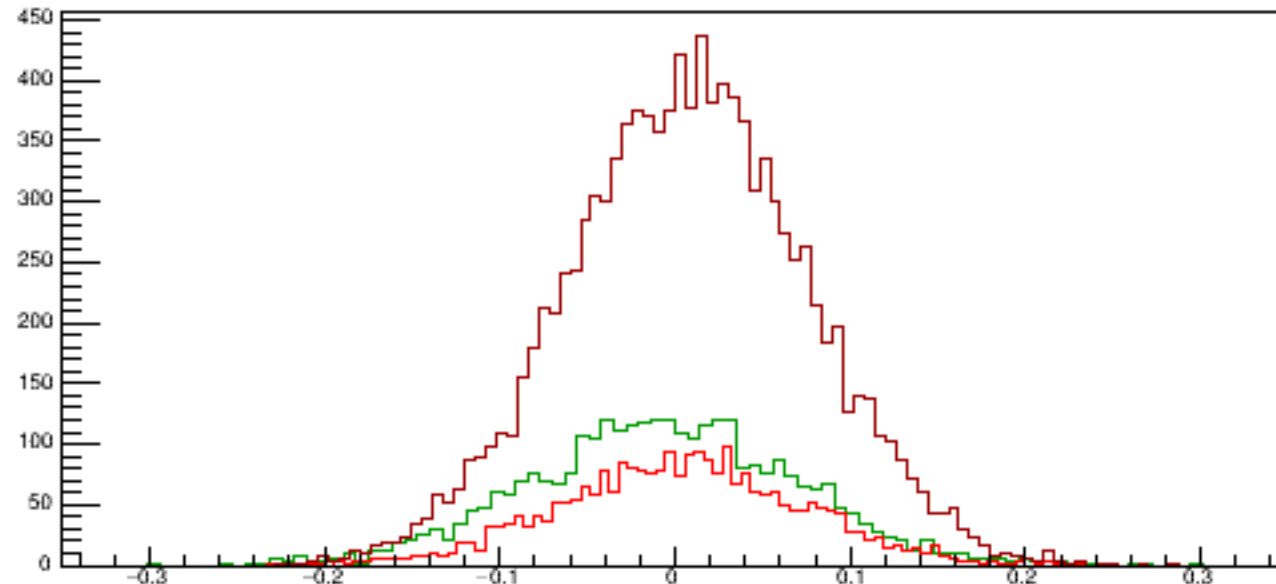
Std Dev: 0.0765 +/- 0.0010

Entries: 11359

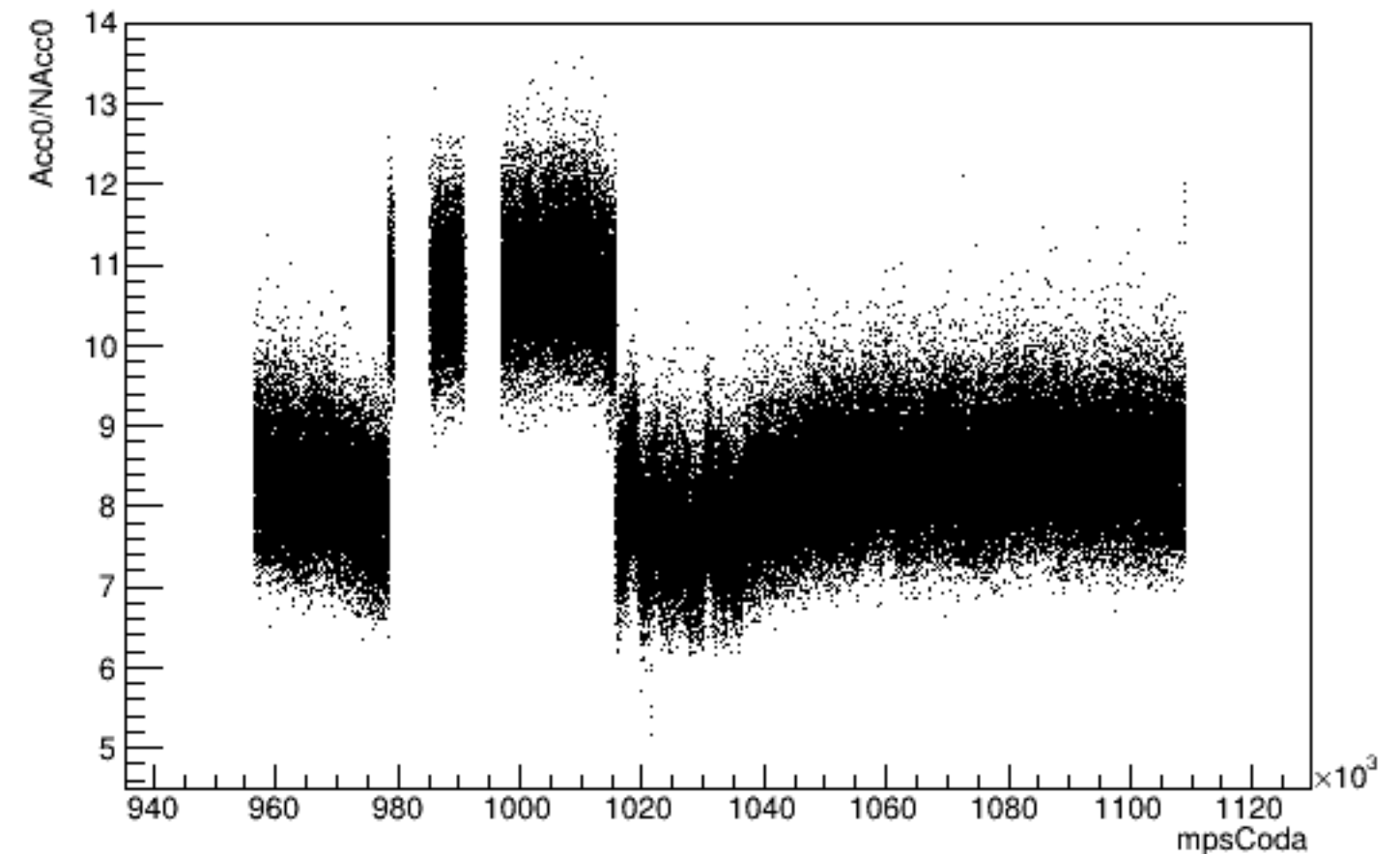
Mean: 0.0073 +/- 0.0006

Std Dev: 0.0685 +/- 0.0005

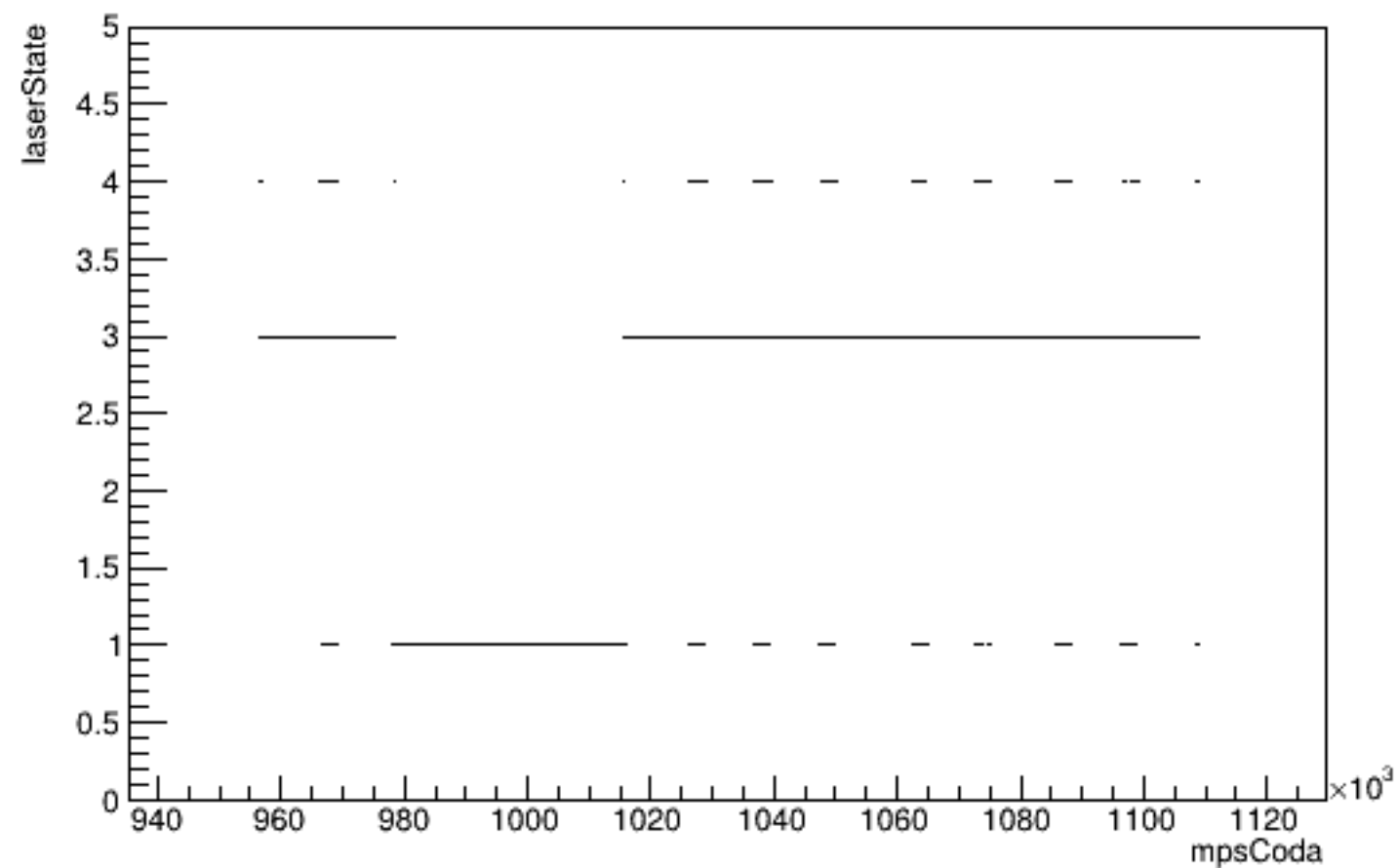
Run 4461 quartetwise, Asyms



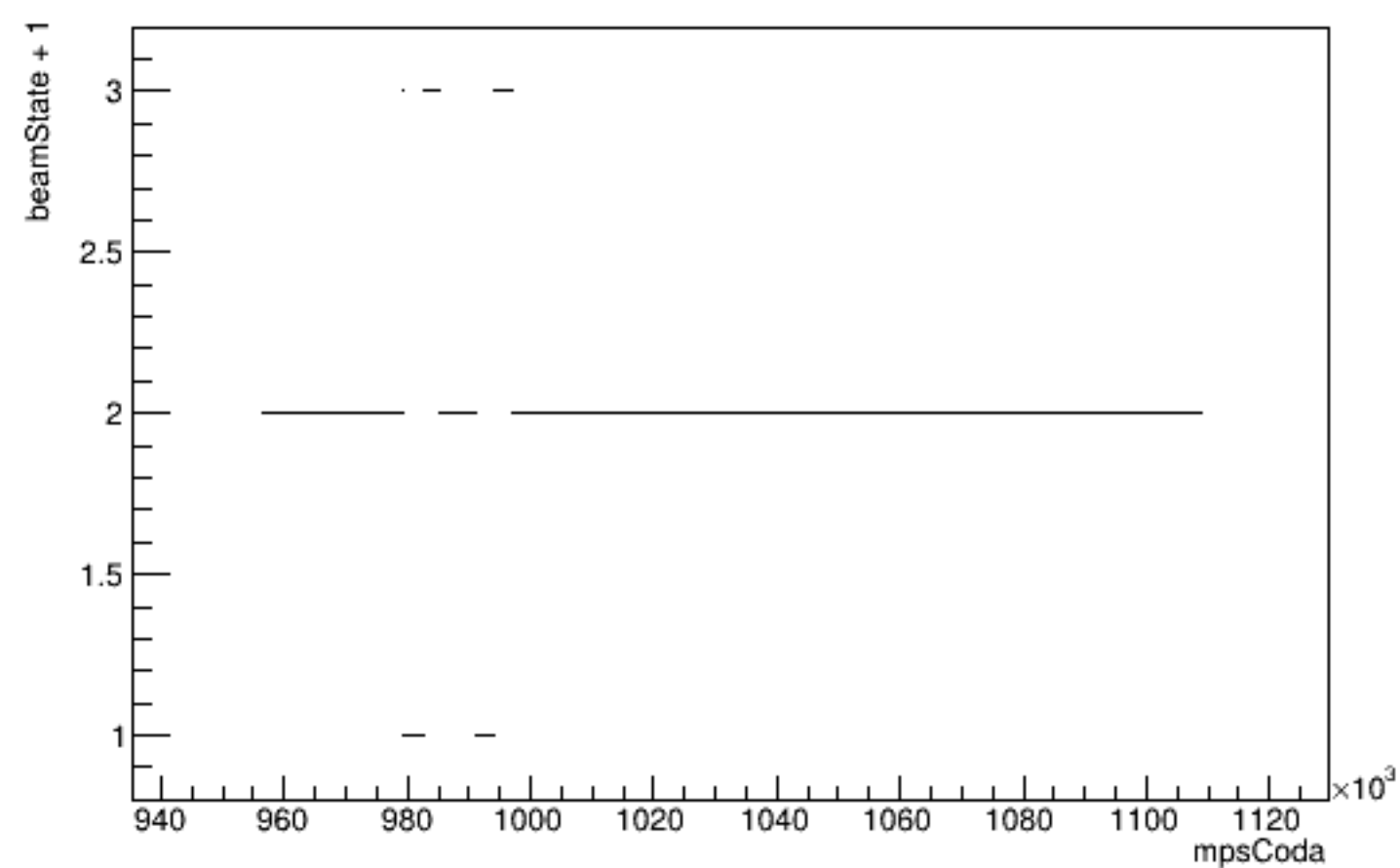
Acc0/NAcc0:mpsCoda (mpsCoda>=956528 && mpsCoda<=1109063 && beamState==1)



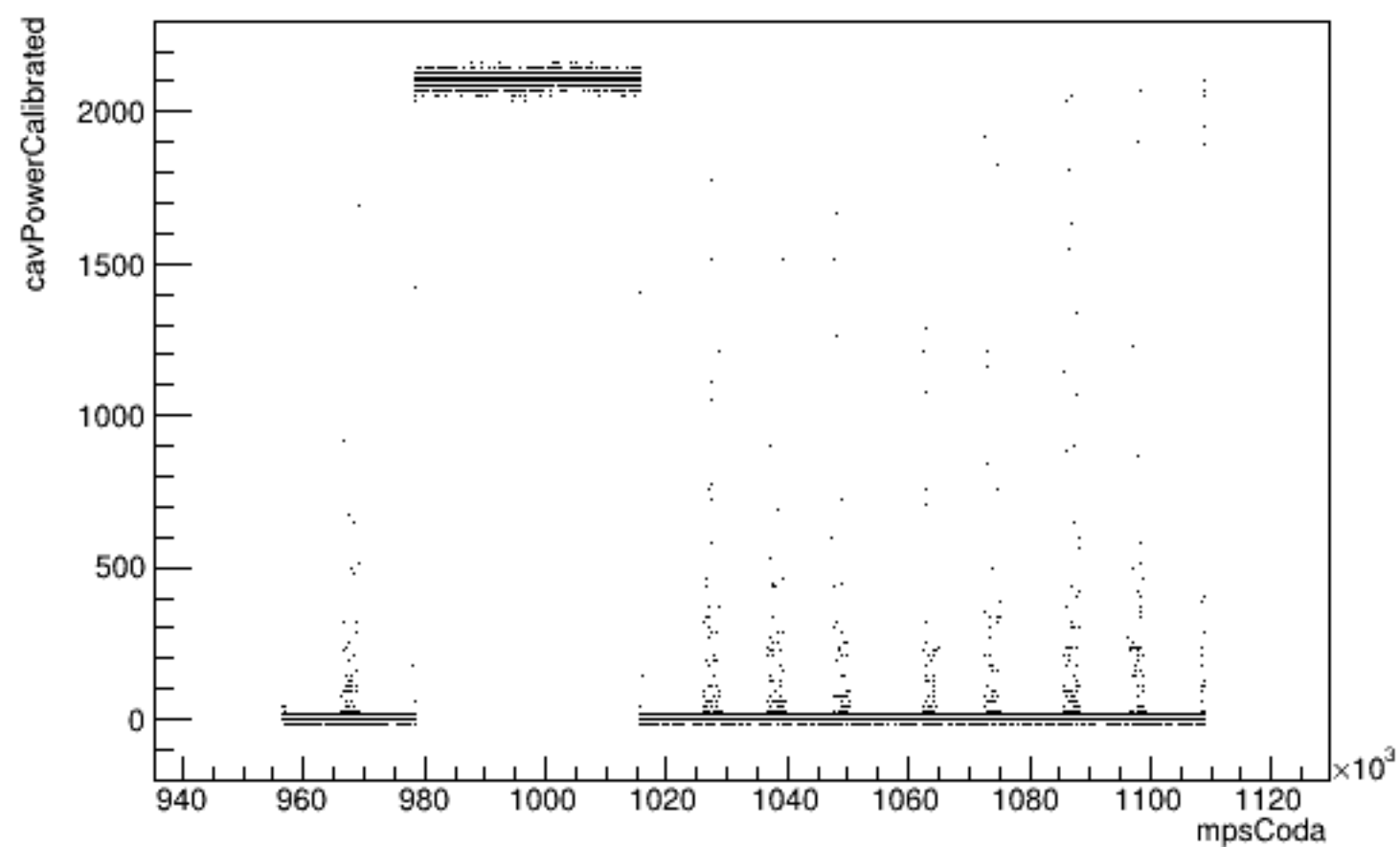
laserState:mpsCoda {mpsCoda>=956528 && mpsCoda<=1109063}



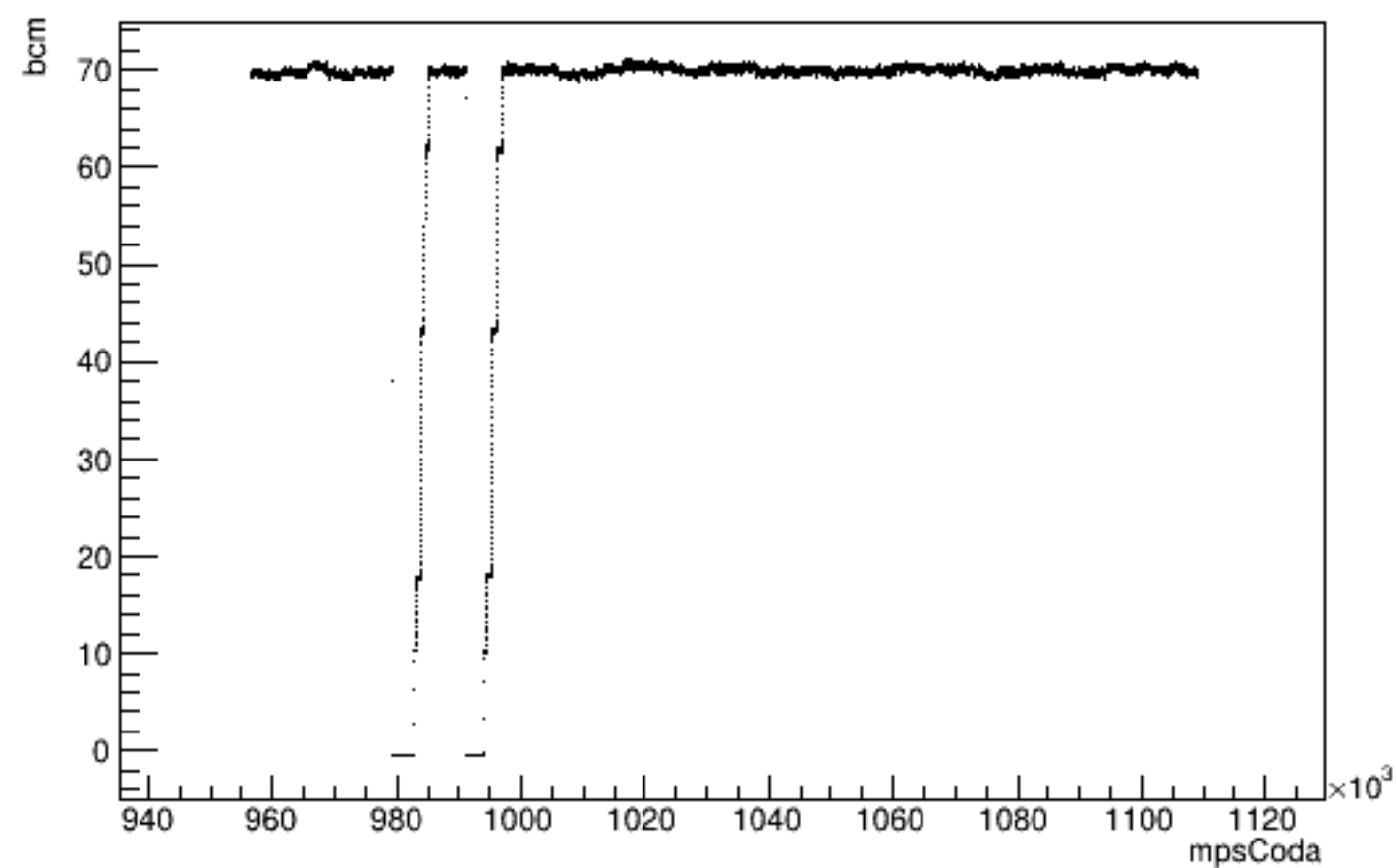
beamState + 1:mpsCoda {mpsCoda>=956528 && mpsCoda<=1109063}



cavPowerCalibrated:mpsCoda {mpsCoda>=956528 && mpsCoda<=1109063}



bcm:mpsCoda {mpsCoda>=956528 && mpsCoda<=1109063}



Cycle 11, Diffs

Entries: 11359

Mean: 0.0371 +/- 0.0033

Std Dev: 0.3499 +/- 0.0023

Entries: 4615

Mean: -0.0403 +/- 0.0057

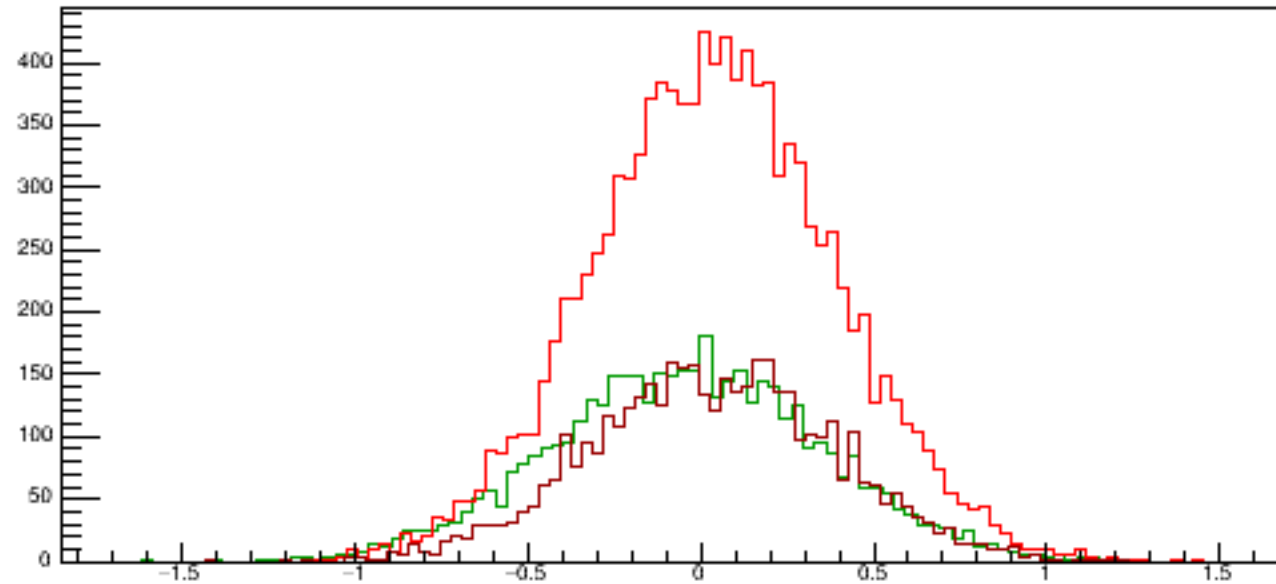
Std Dev: 0.3888 +/- 0.0040

Entries: 4338

Mean: 0.0308 +/- 0.0053

Std Dev: 0.3499 +/- 0.0038

Run 4461 quartetwise, Diffs



Cycle 11, Sums

Entries: 11359

Mean: 16.5292 +/- 0.0073

Std Dev: 0.7778 +/- 0.0052

Entries: 4615

Mean: 22.8124 +/- 0.0073

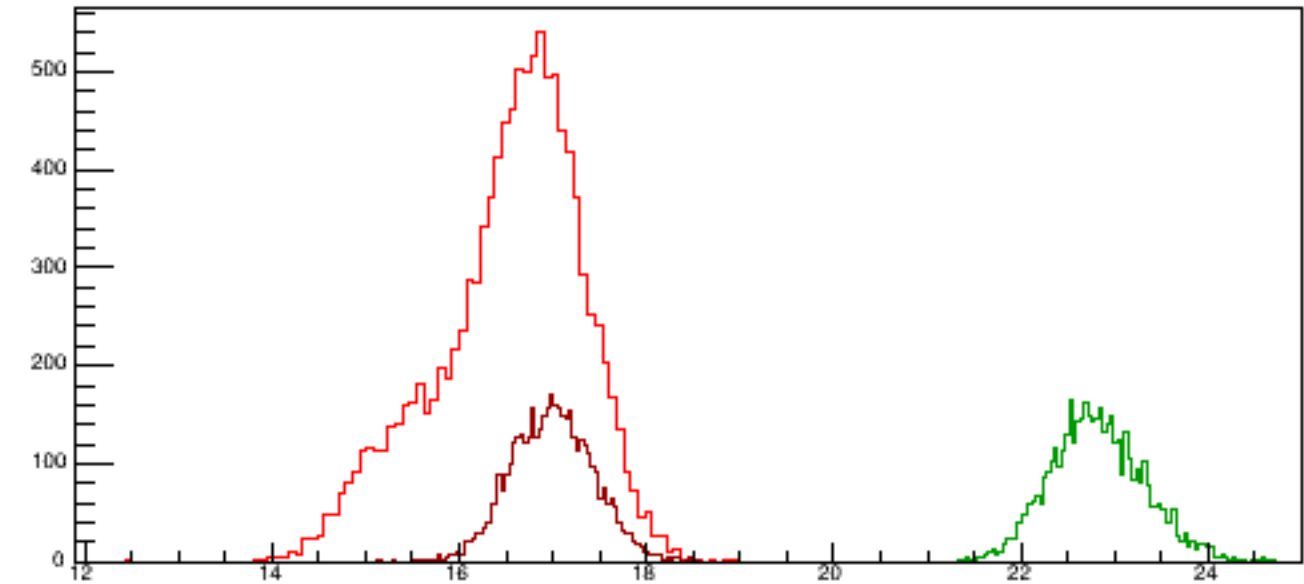
Std Dev: 0.4935 +/- 0.0051

Entries: 4338

Mean: 16.9935 +/- 0.0066

Std Dev: 0.4379 +/- 0.0047

Run 4461 quartetwise, Sums



Cycle 11, Asyms

Entries: 11359

Mean: 0.0061 +/- 0.0005

Std Dev: 0.0578 +/- 0.0004

Entries: 4615

Mean: -0.0068 +/- 0.0009

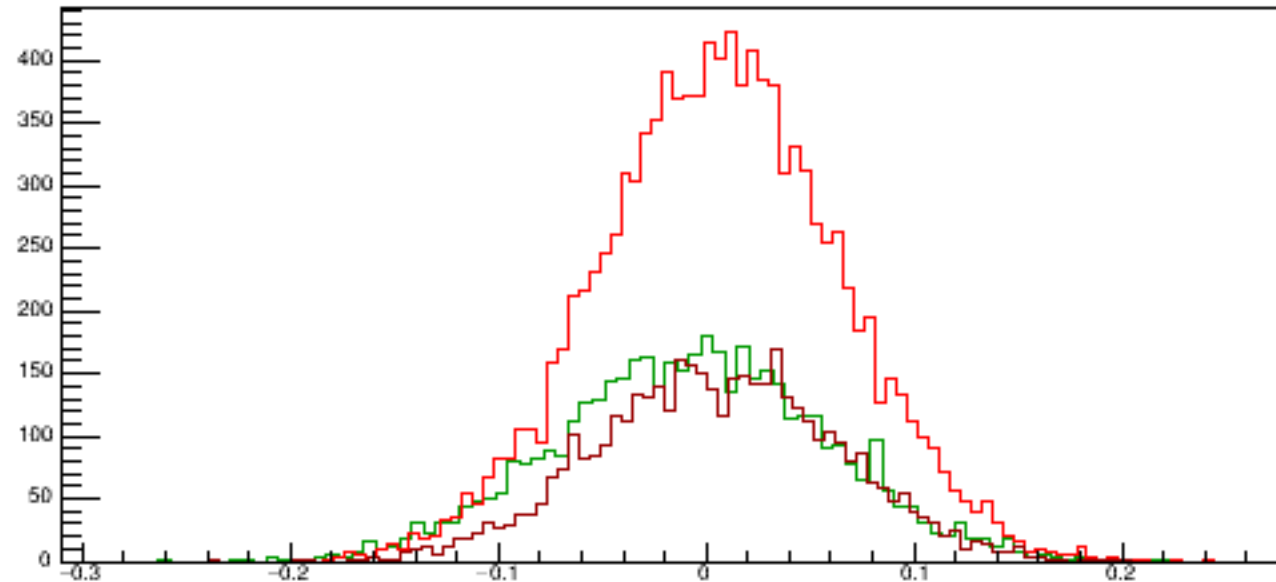
Std Dev: 0.0644 +/- 0.0007

Entries: 4338

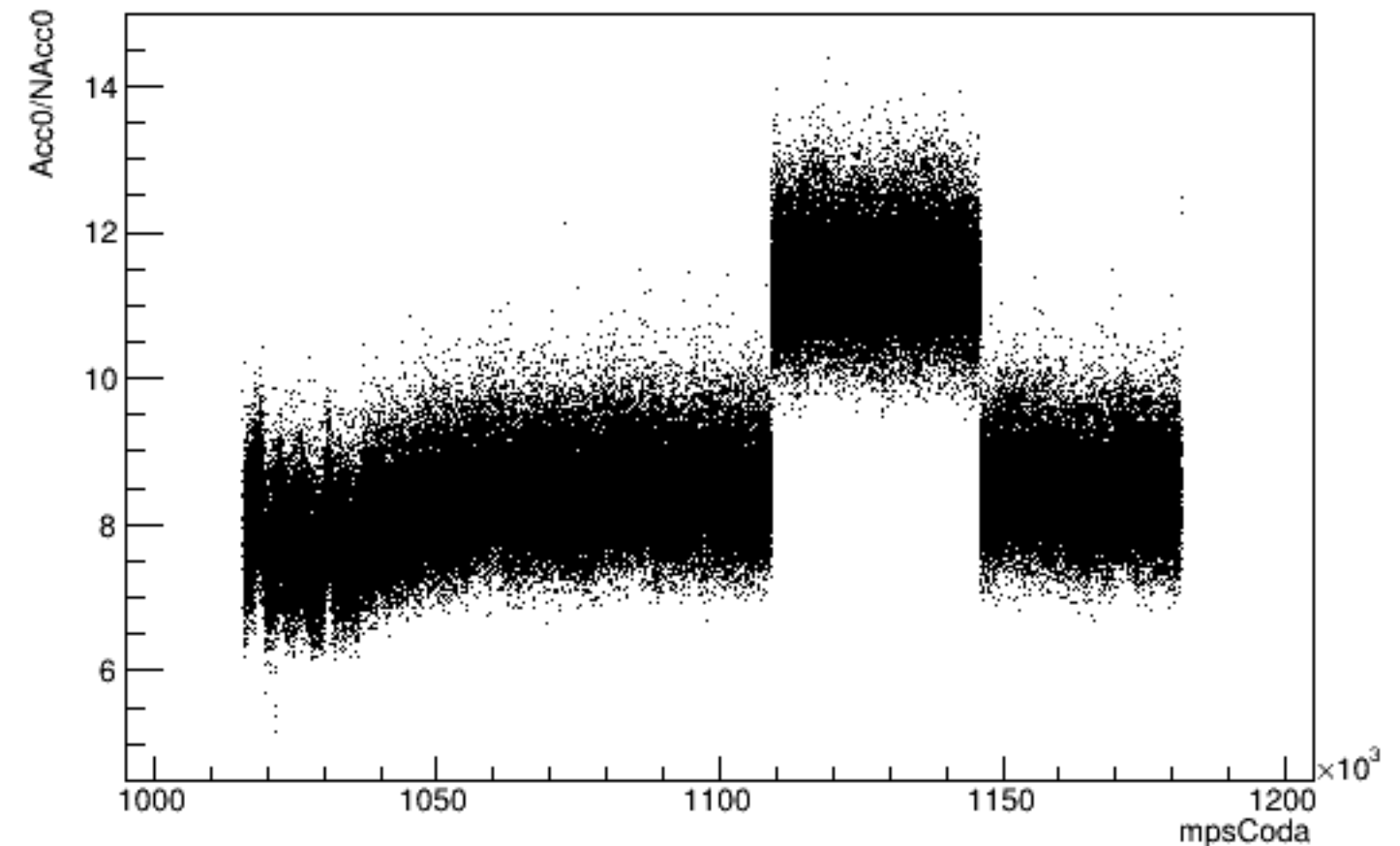
Mean: 0.0051 +/- 0.0009

Std Dev: 0.0578 +/- 0.0006

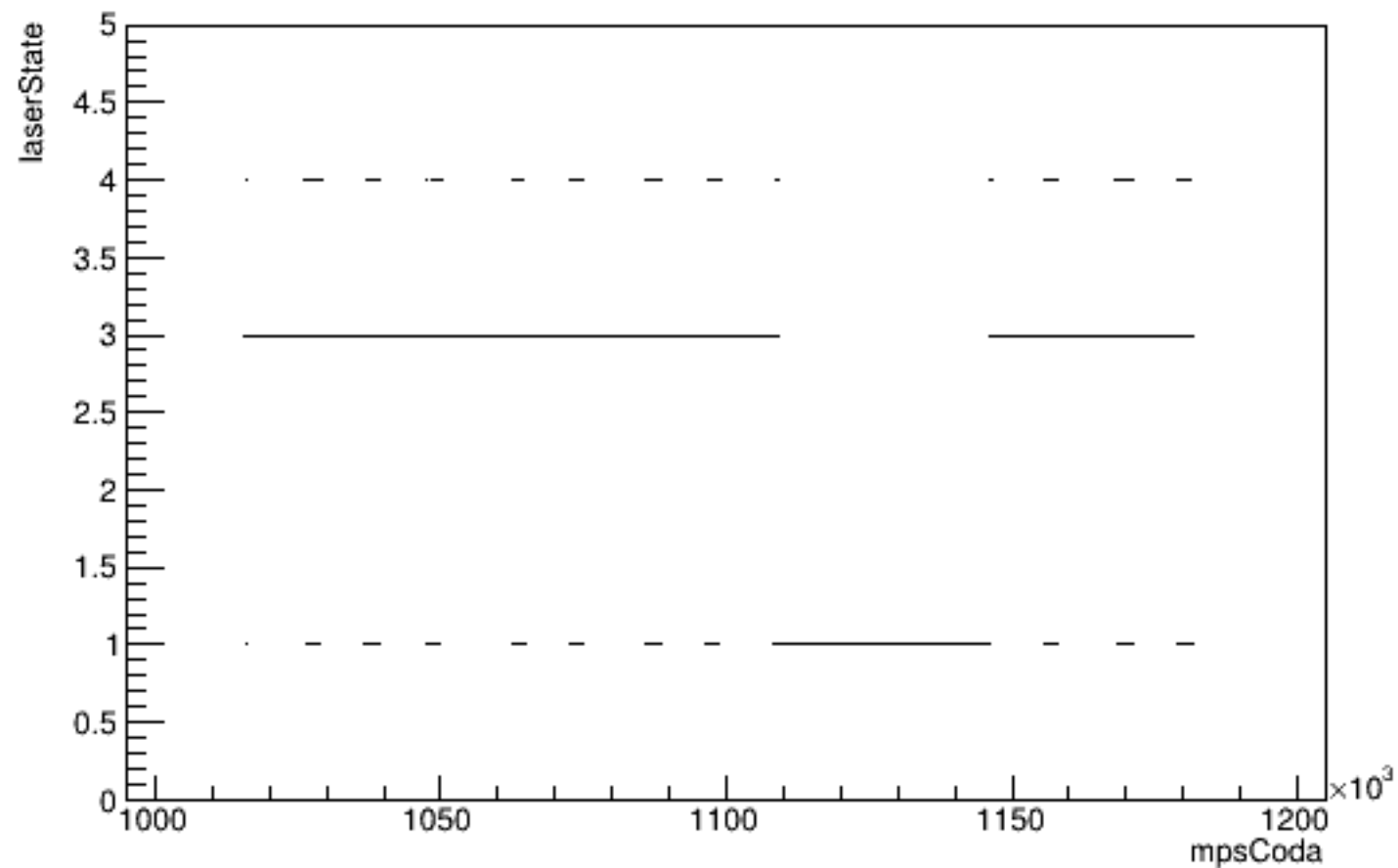
Run 4461 quartetwise, Asyms



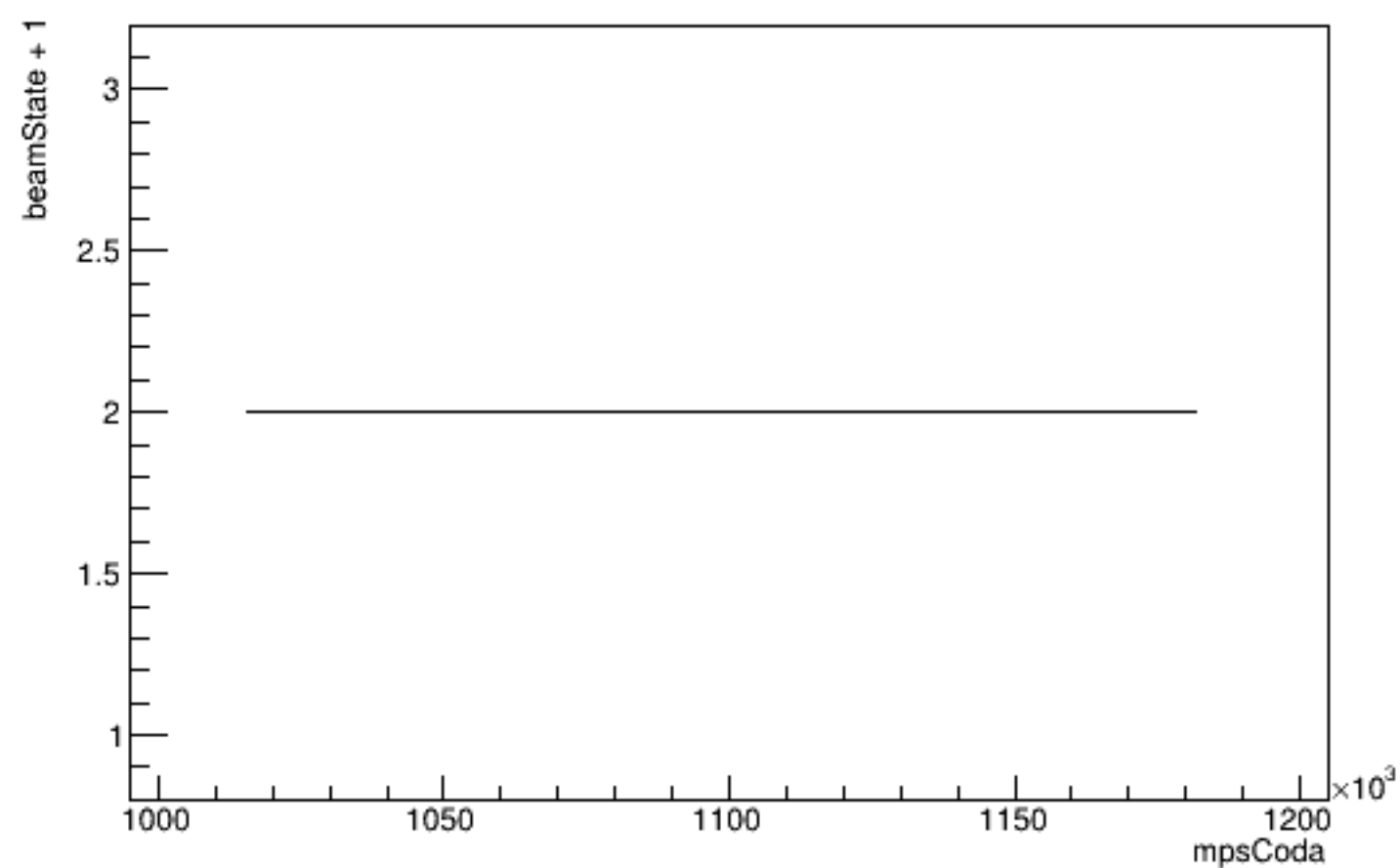
Acc0/NAcc0:mpsCoda (mpsCoda>=1015752 && mpsCoda<=1181535 && beamState==1)



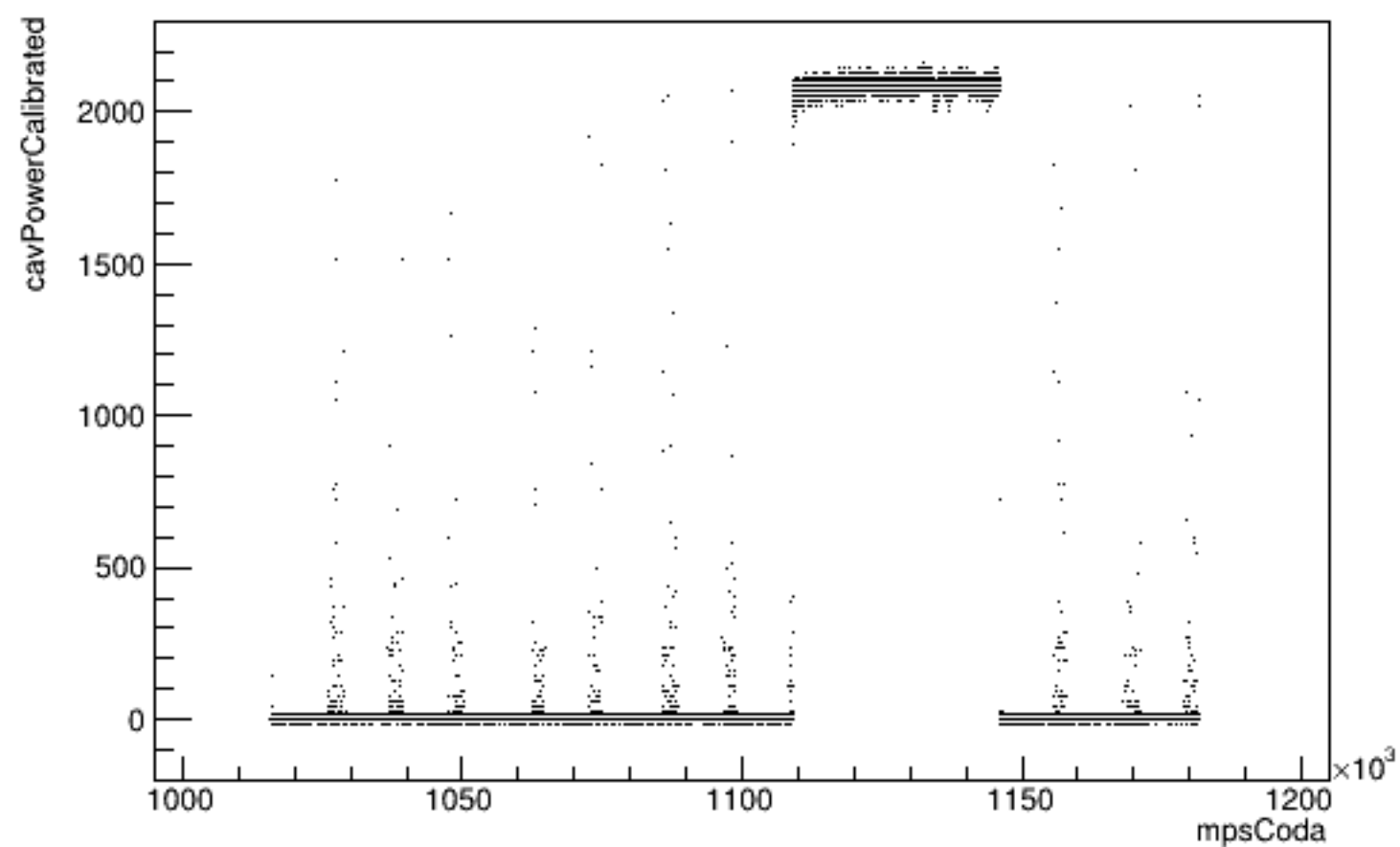
laserState:mpsCoda {mpsCoda>=1015752 && mpsCoda<=1181535}



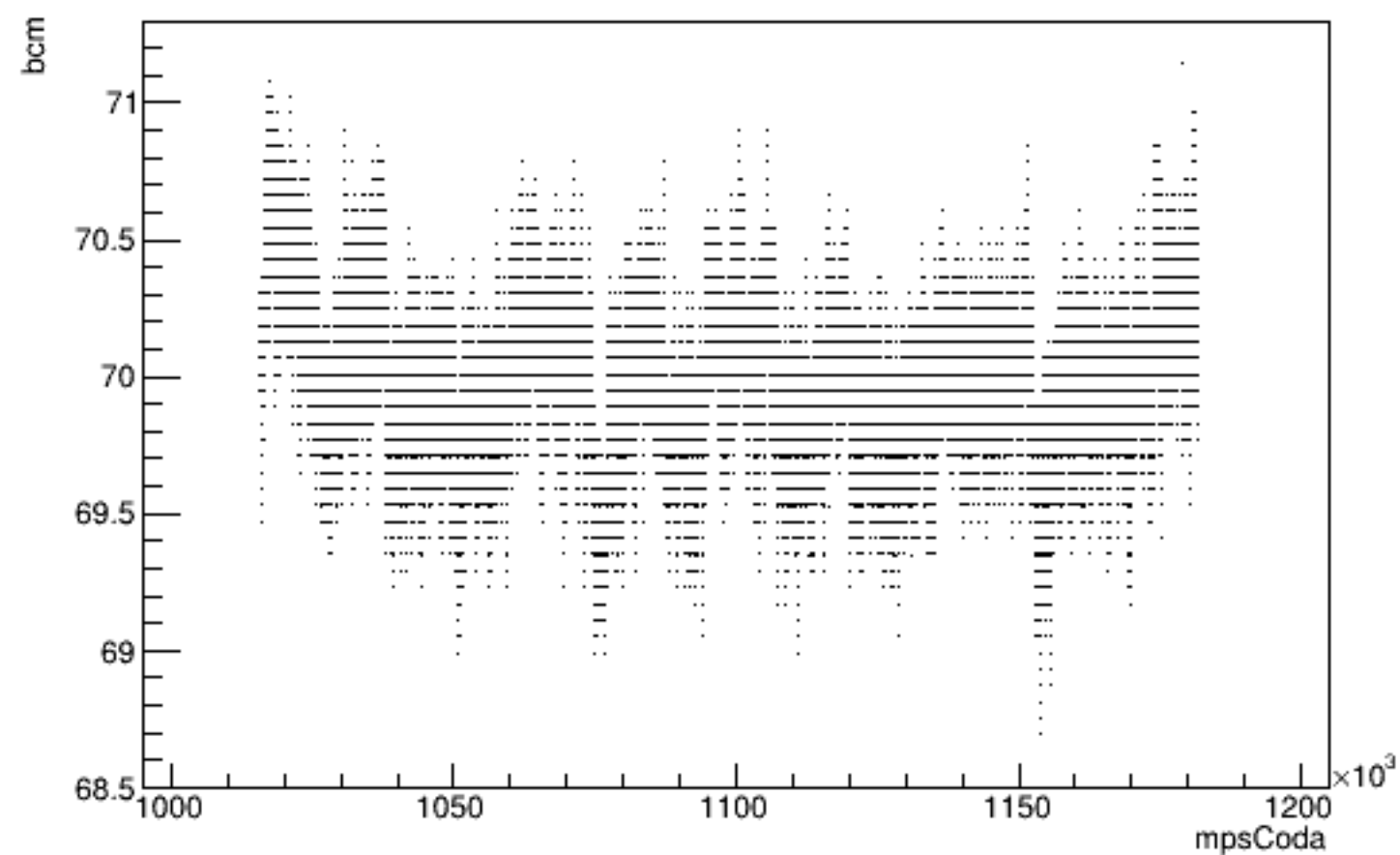
beamState + 1:mpsCoda {mpsCoda>=1015752 && mpsCoda<=1181535}



cavPowerCalibrated:mpsCoda {mpsCoda>=1015752 && mpsCoda<=1181535}



bcm:mpsCoda {mpsCoda>=1015752 && mpsCoda<=1181535}



Cycle 12, Diffs

Entries: 4338

Mean: 0.0308 +/- 0.0053

Std Dev: 0.3499 +/- 0.0038

Entries: 4602

Mean: -0.0636 +/- 0.0057

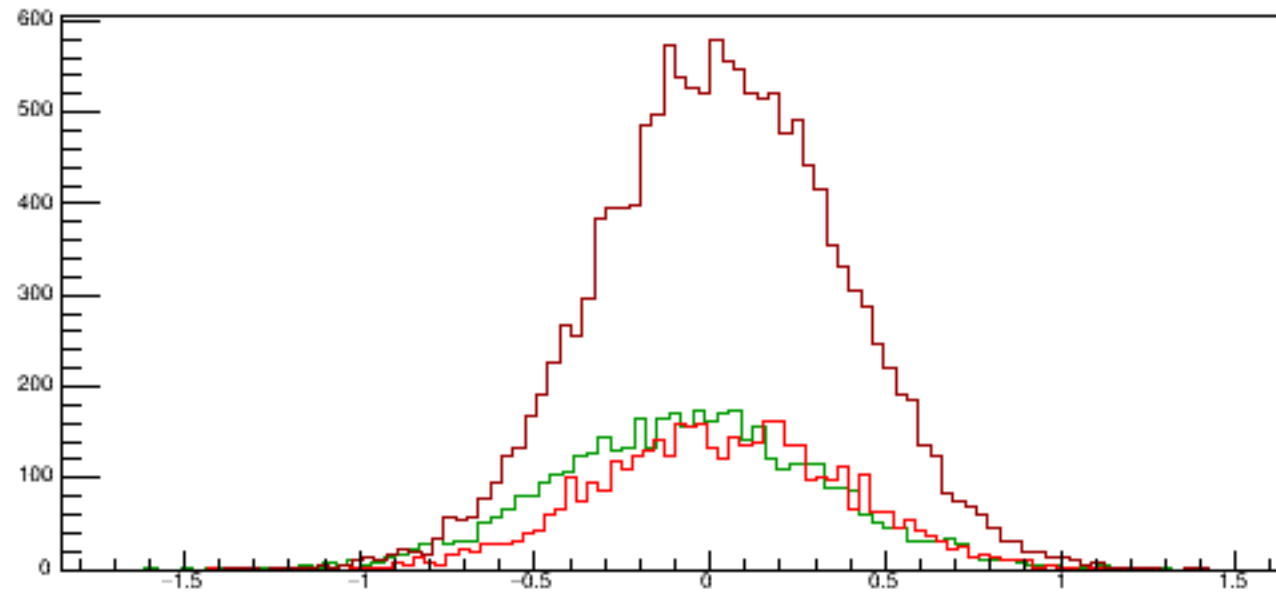
Std Dev: 0.3840 +/- 0.0040

Entries: 14813

Mean: 0.0320 +/- 0.0028

Std Dev: 0.3466 +/- 0.0020

Run 4461 quartetwise, Diffs



Cycle 12, Sums

Entries: 4338

Mean: 16.9935 +/- 0.0066

Std Dev: 0.4379 +/- 0.0047

Entries: 4602

Mean: 22.6994 +/- 0.0076

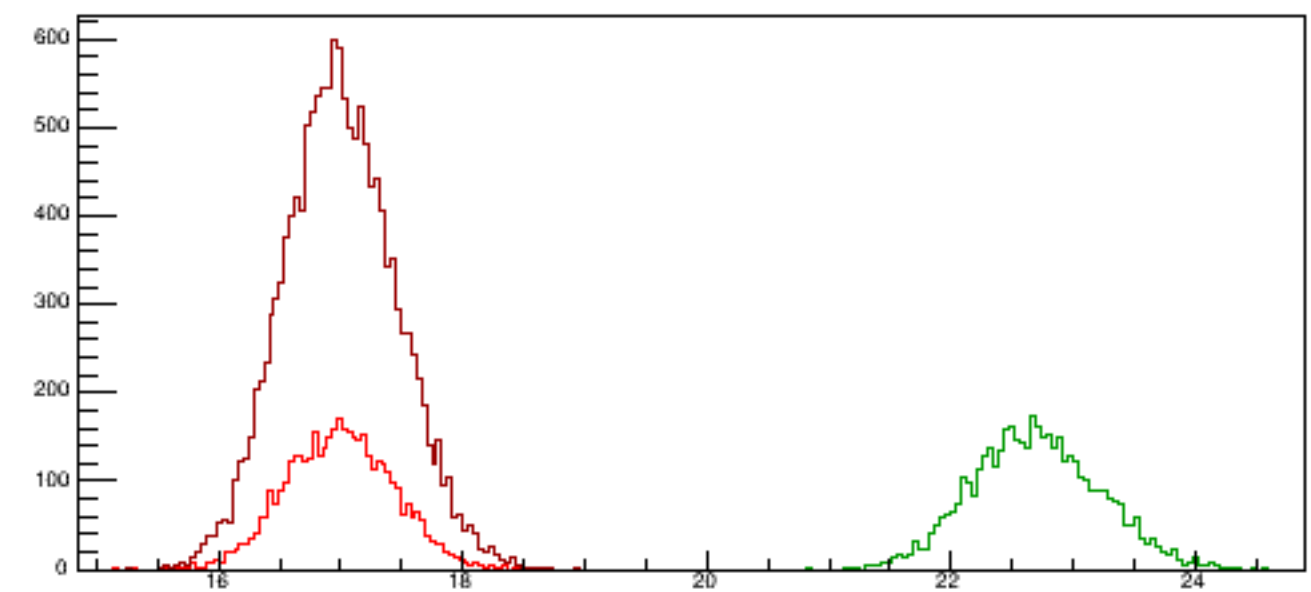
Std Dev: 0.5170 +/- 0.0054

Entries: 14813

Mean: 16.9978 +/- 0.0038

Std Dev: 0.4623 +/- 0.0027

Run 4461 quartetwise, Sums



Cycle 12, Asyms

Entries: 4338

Mean: 0.0054 +/- 0.0009

Std Dev: 0.0613 +/- 0.0007

Entries: 4602

Mean: -0.0114 +/- 0.0010

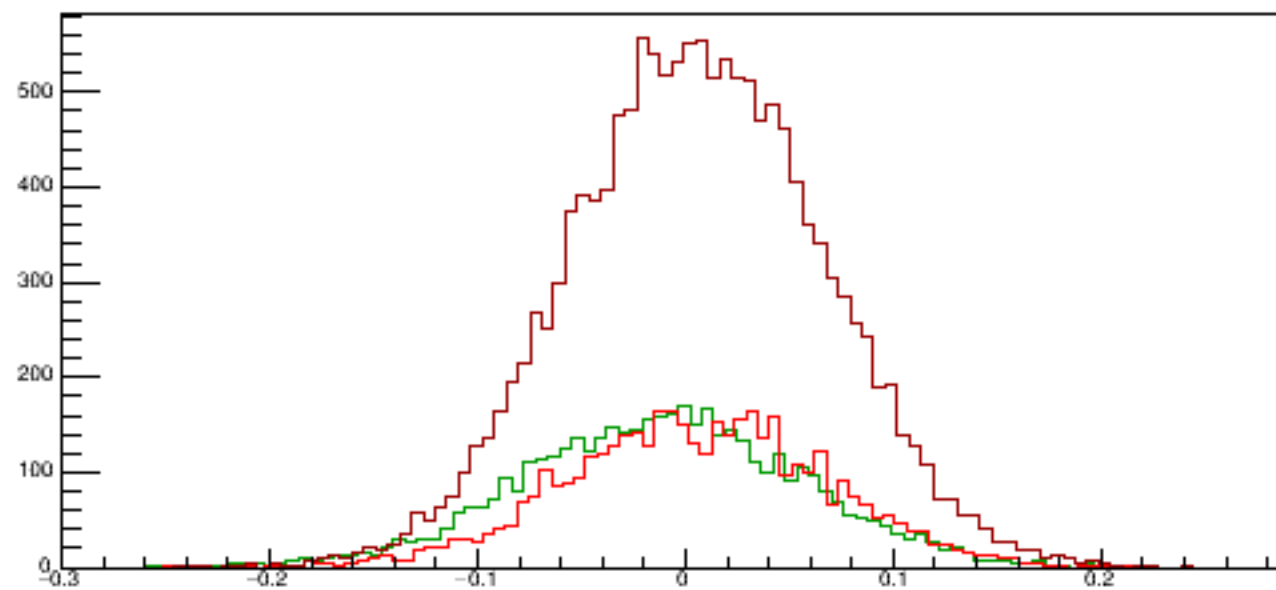
Std Dev: 0.0674 +/- 0.0007

Entries: 14813

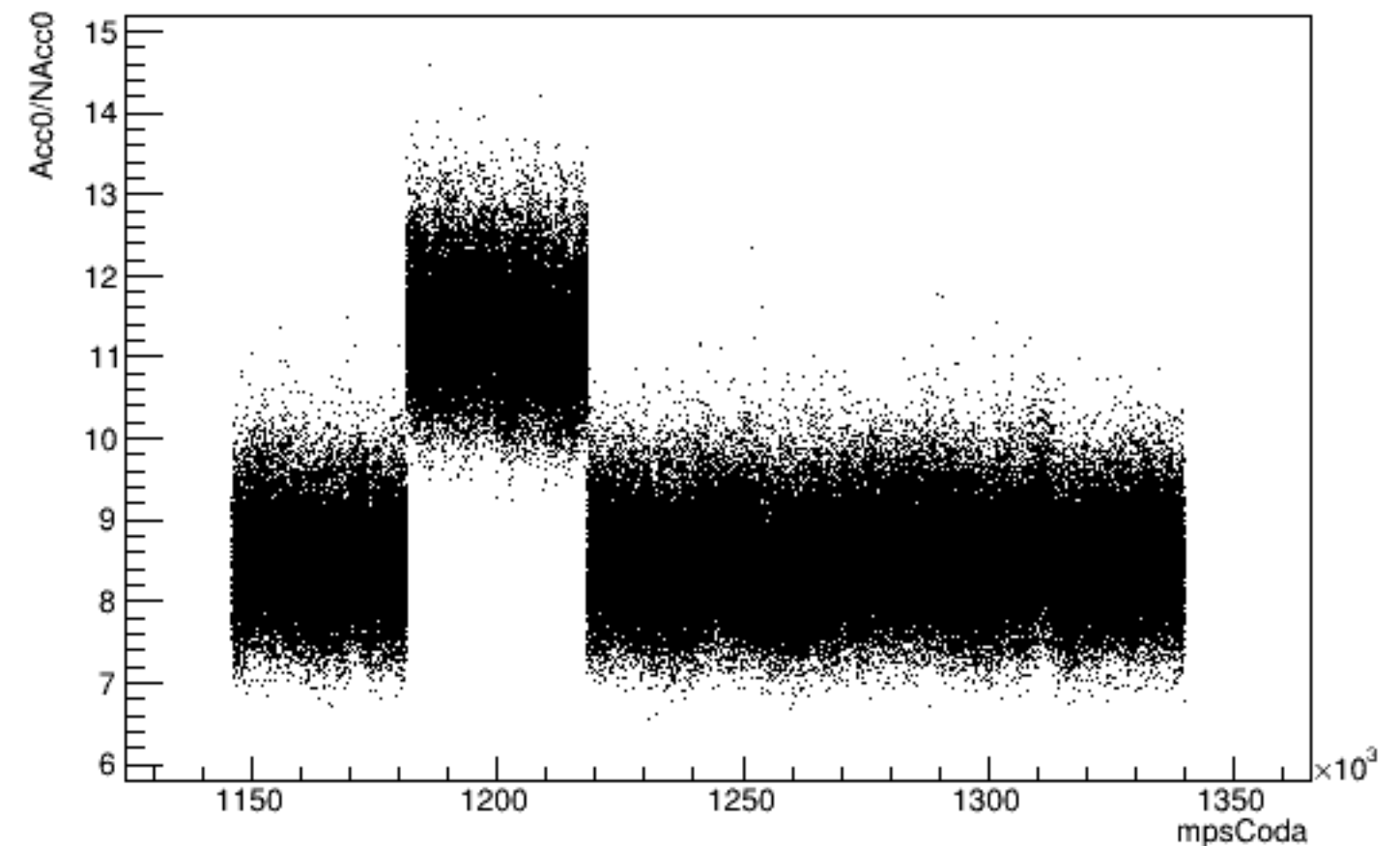
Mean: 0.0056 +/- 0.0005

Std Dev: 0.0608 +/- 0.0004

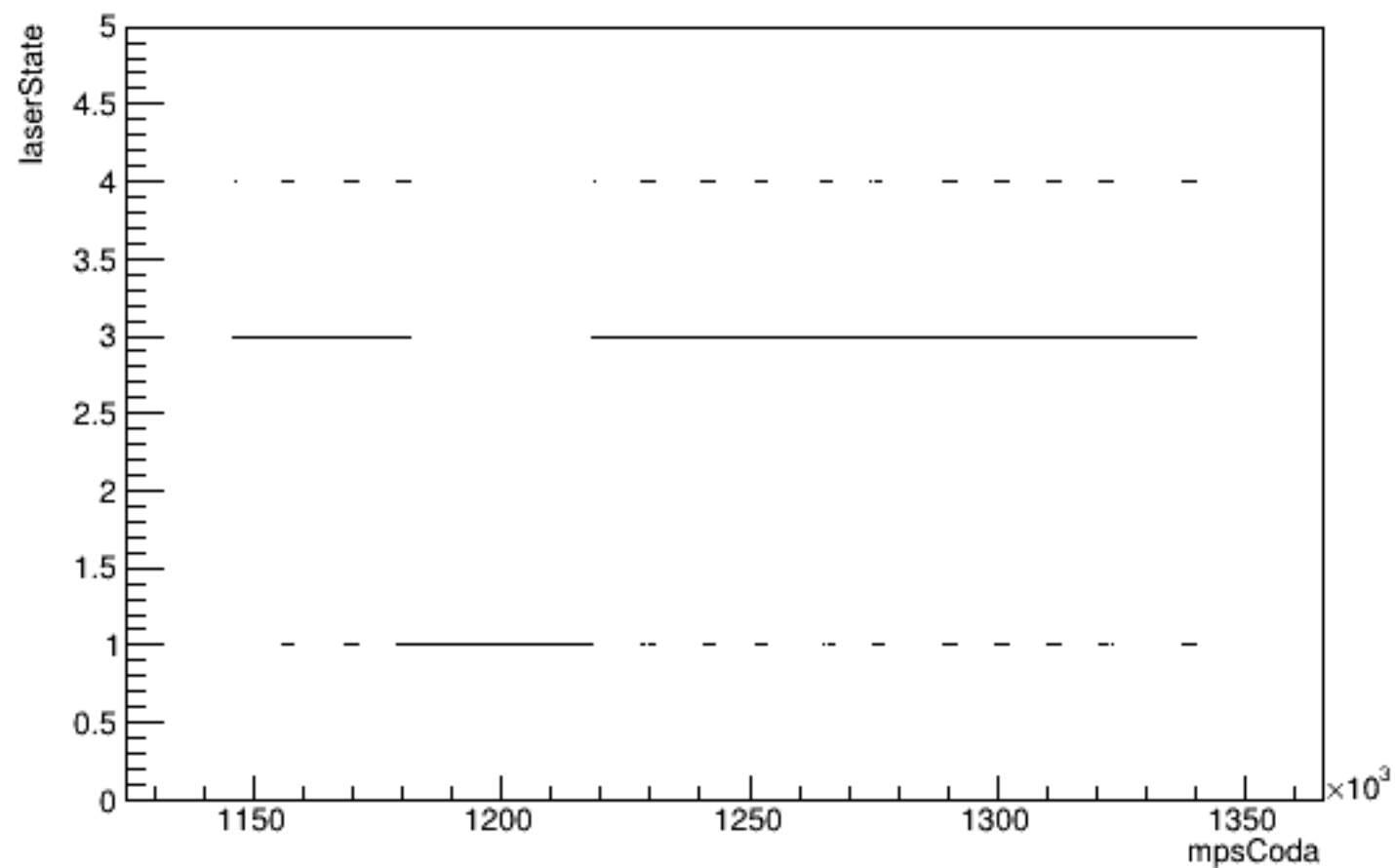
Run 4461 quartetwise, Asyms



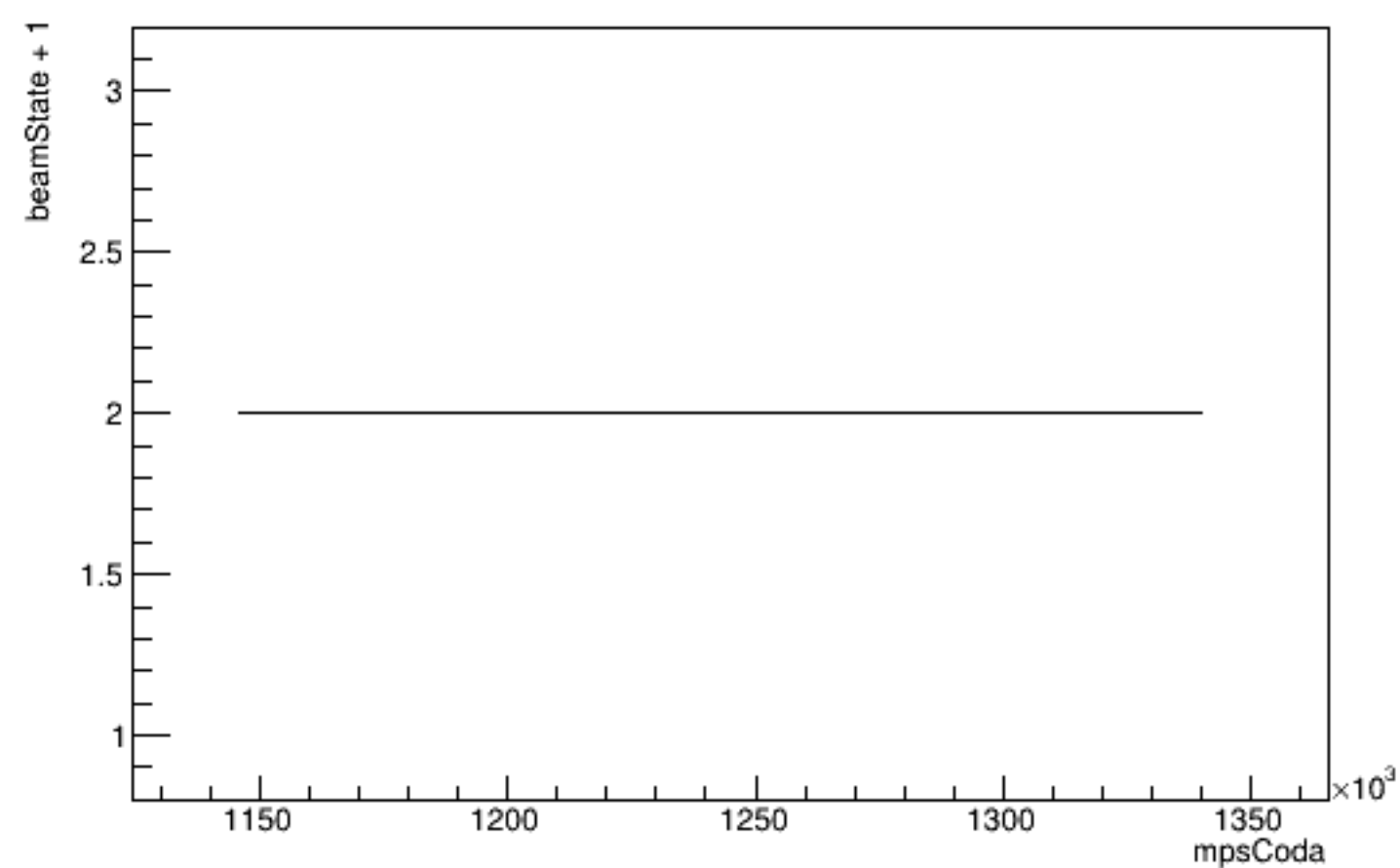
Acc0/NAcc0:mpsCoda (mpsCoda>=1145992 && mpsCoda<=1339855 && beamState==1)



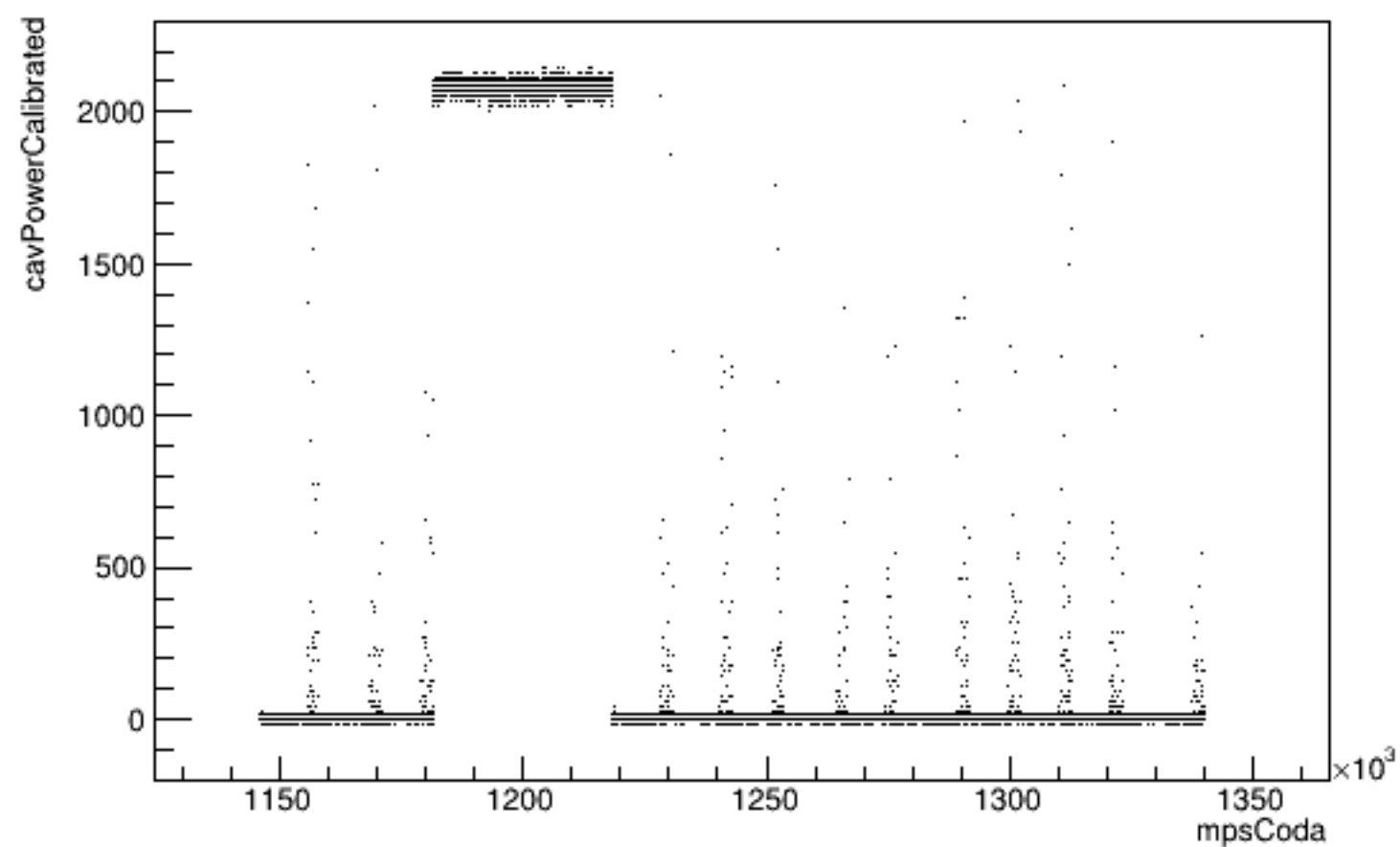
laserState:mpsCoda {mpsCoda>=1145992 && mpsCoda<=1339855}



beamState + 1:mpsCoda {mpsCoda>=1145992 && mpsCoda<=1339855}



cavPowerCalibrated:mpsCoda {mpsCoda>=1145992 && mpsCoda<=1339855}



bcm:mpsCoda {mpsCoda>=1145992 && mpsCoda<=1339855}

