

Cycle 1, Diffs

Entries: 2094

Mean: 0.0201 +/- 0.0074

Std Dev: 0.3380 +/- 0.0052

Entries: 1750

Mean: -0.0726 +/- 0.0097

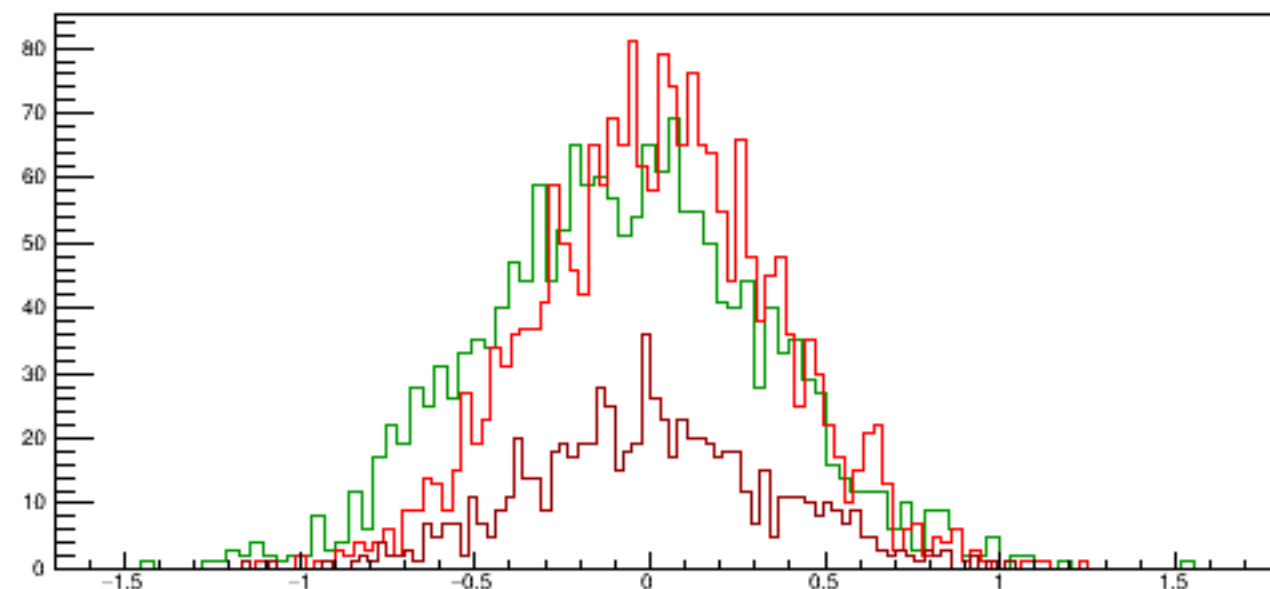
Std Dev: 0.4040 +/- 0.0068

Entries: 739

Mean: 0.0014 +/- 0.0128

Std Dev: 0.3487 +/- 0.0091

Run 4469 quartetwise, Diffs



Cycle 1, Sums

Entries: 2094

Mean: 16.1756 +/- 0.0102

Std Dev: 0.4674 +/- 0.0072

Entries: 1750

Mean: 21.6005 +/- 0.0132

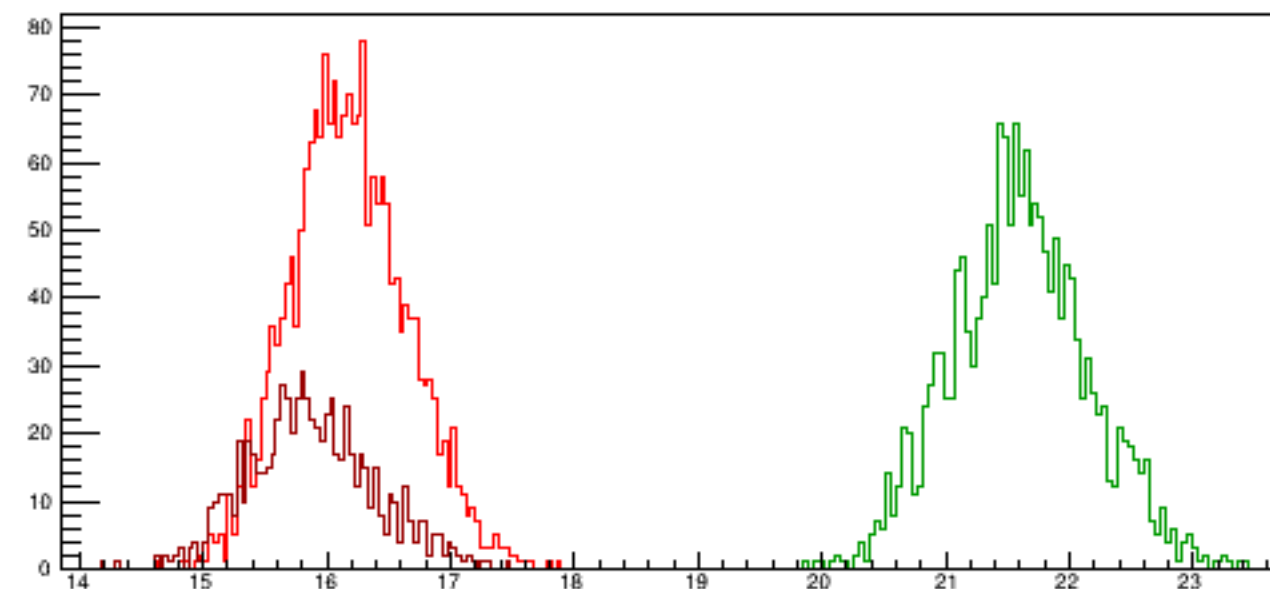
Std Dev: 0.5533 +/- 0.0094

Entries: 739

Mean: 15.8734 +/- 0.0187

Std Dev: 0.5086 +/- 0.0132

Run 4469 quartetwise, Sums



Cycle 1, Asyms

Entries: 2094

Mean: 0.0036 +/- 0.0013

Std Dev: 0.0606 +/- 0.0009

Entries: 1750

Mean: -0.0130 +/- 0.0017

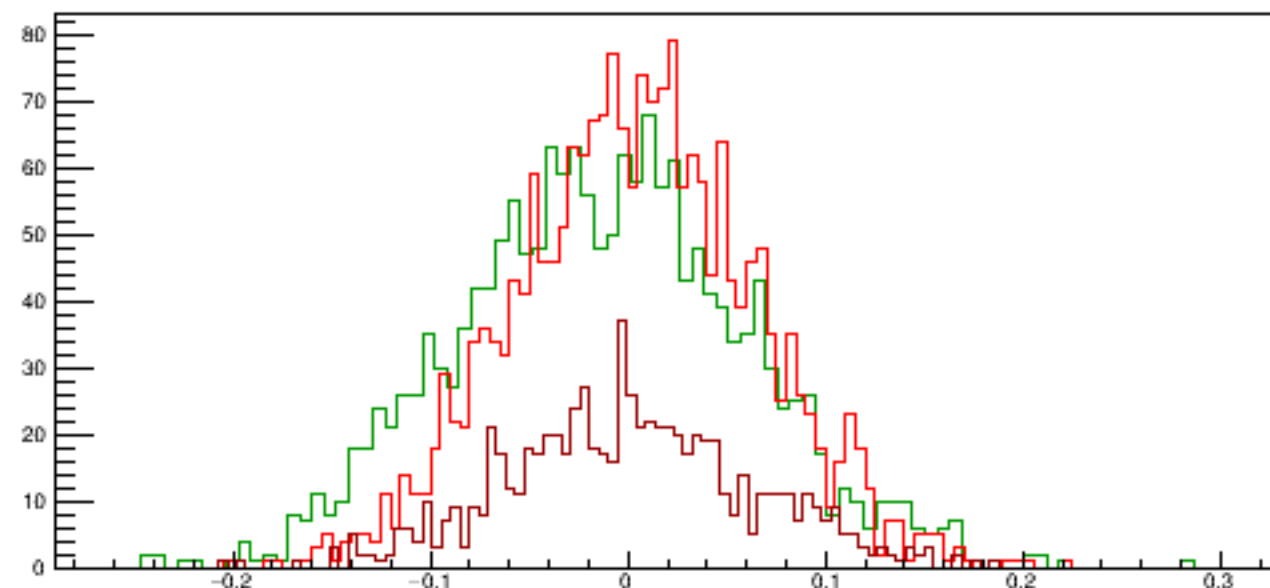
Std Dev: 0.0728 +/- 0.0012

Entries: 739

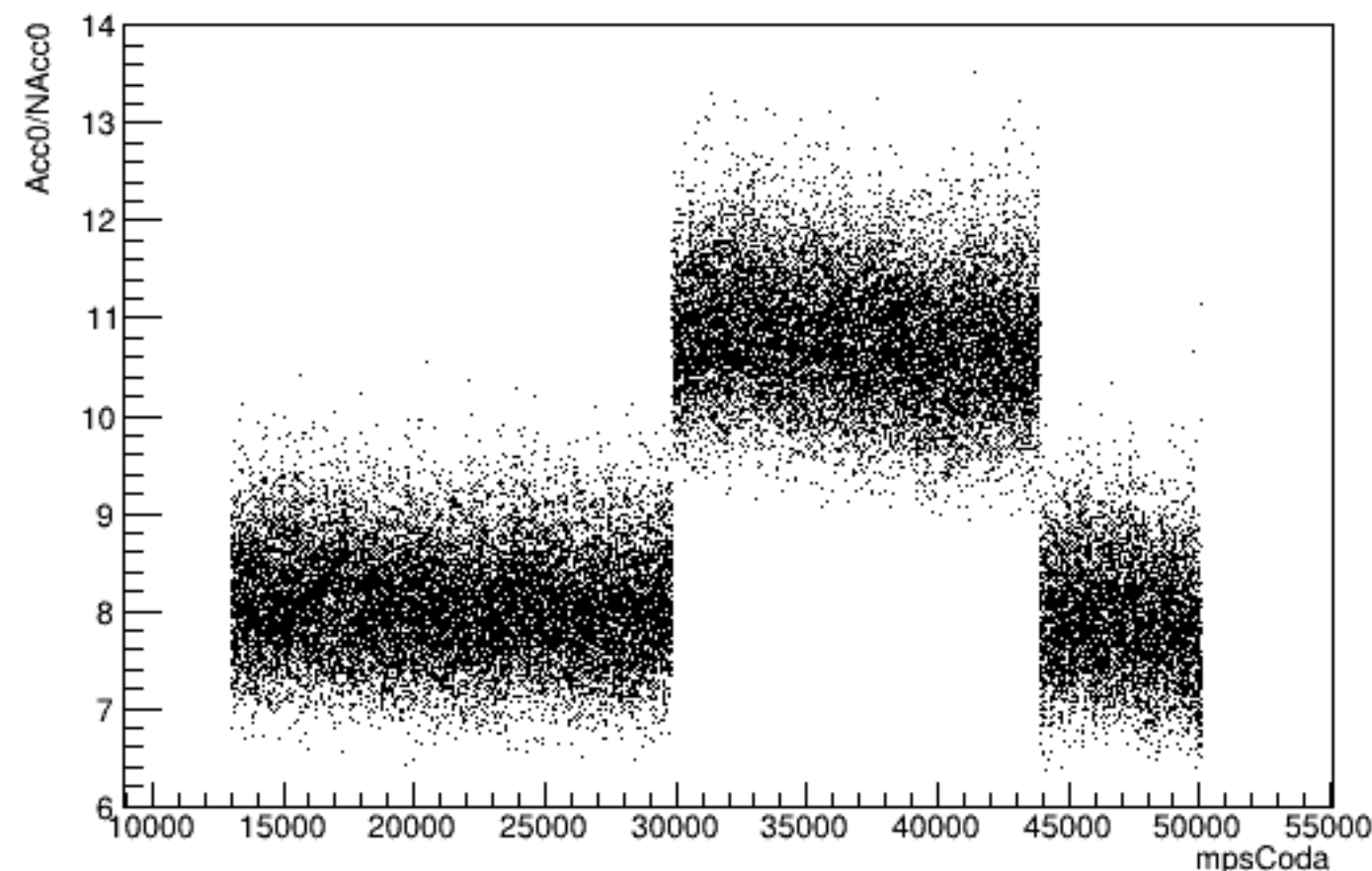
Mean: 0.0002 +/- 0.0023

Std Dev: 0.0625 +/- 0.0016

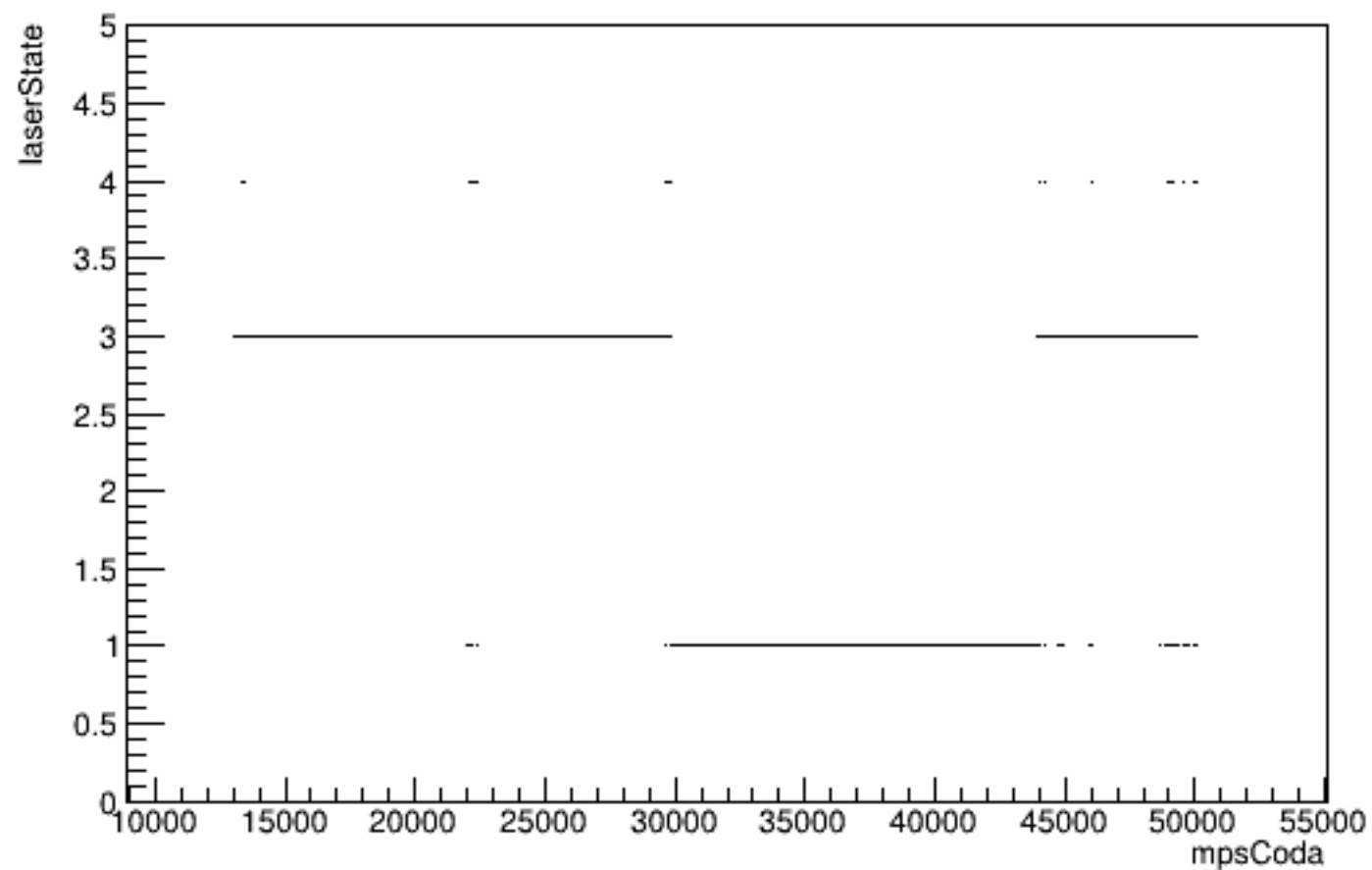
Run 4469 quartetwise, Asyms



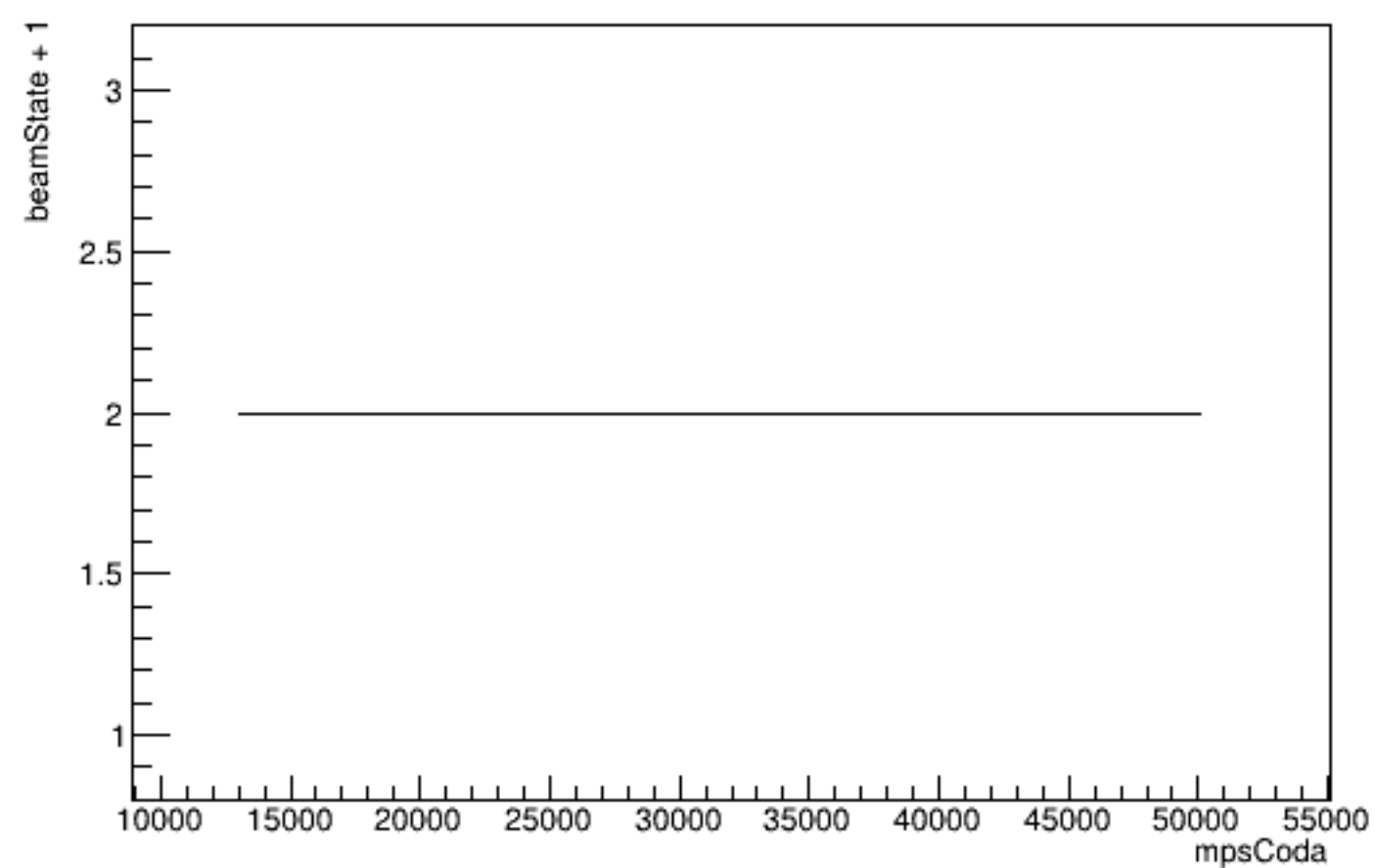
Acc0/NAcc0:mpsCoda {mpsCoda>=13001 && mpsCoda<=50056 && beamState==1}



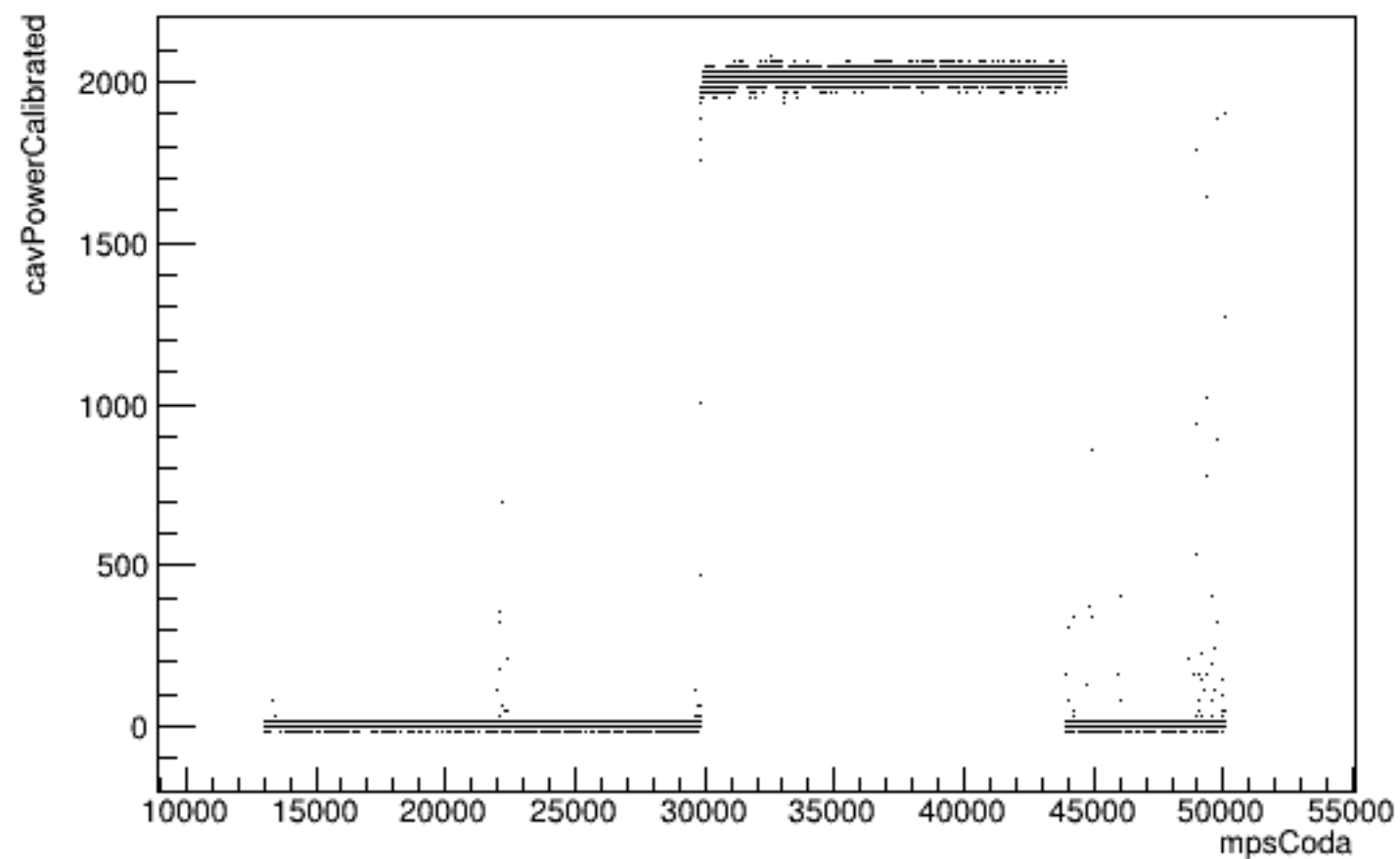
laserState:mpsCoda {mpsCoda>=13001 && mpsCoda<=50056}



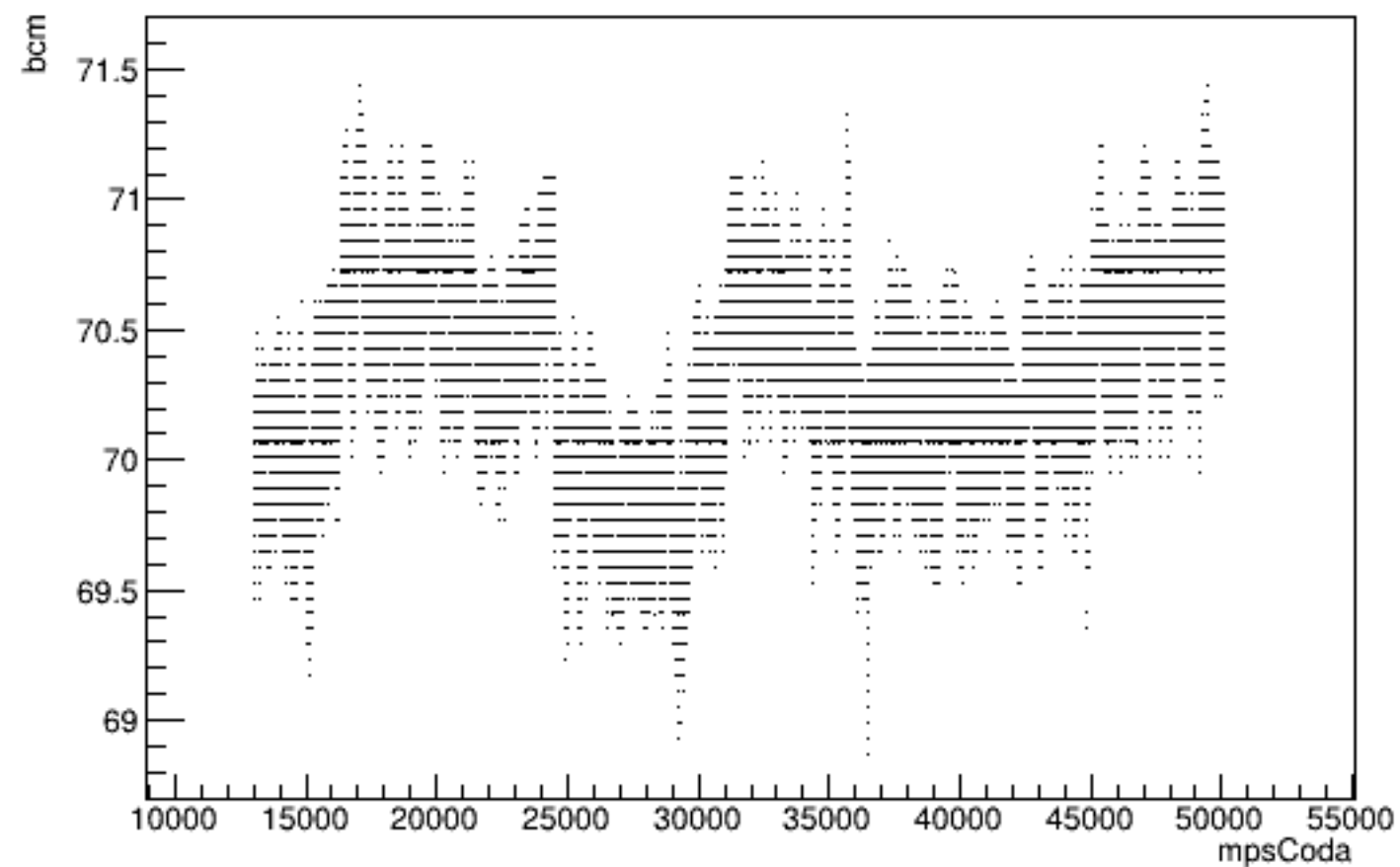
beamState + 1:mpsCoda {mpsCoda>=13001 && mpsCoda<=50056}



cavPowerCalibrated:mpsCoda {mpsCoda>=13001 && mpsCoda<=50056}



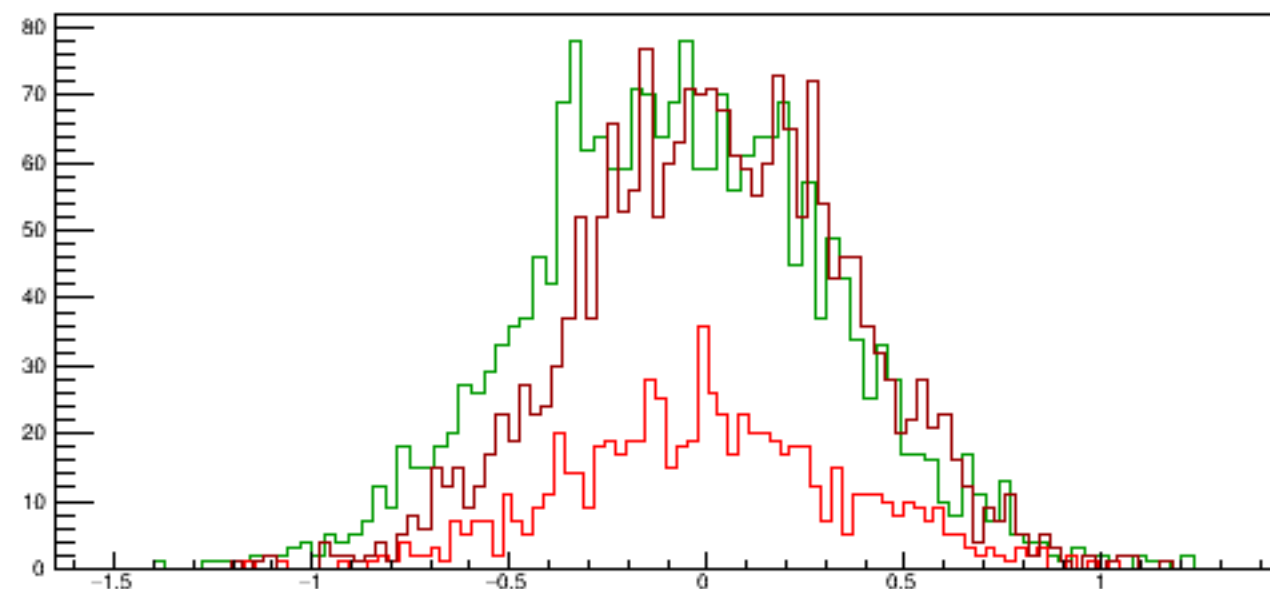
bcm:mpsCoda {mpsCoda>=13001 && mpsCoda<=50056}



Cycle 2, Diffs

Entries: 739	Entries: 2165	Entries: 2129
Mean: 0.0014 +/- 0.0128	Mean: -0.0679 +/- 0.0082	Mean: 0.0221 +/- 0.0075
Std Dev: 0.3487 +/- 0.0091	Std Dev: 0.3800 +/- 0.0058	Std Dev: 0.3454 +/- 0.0053

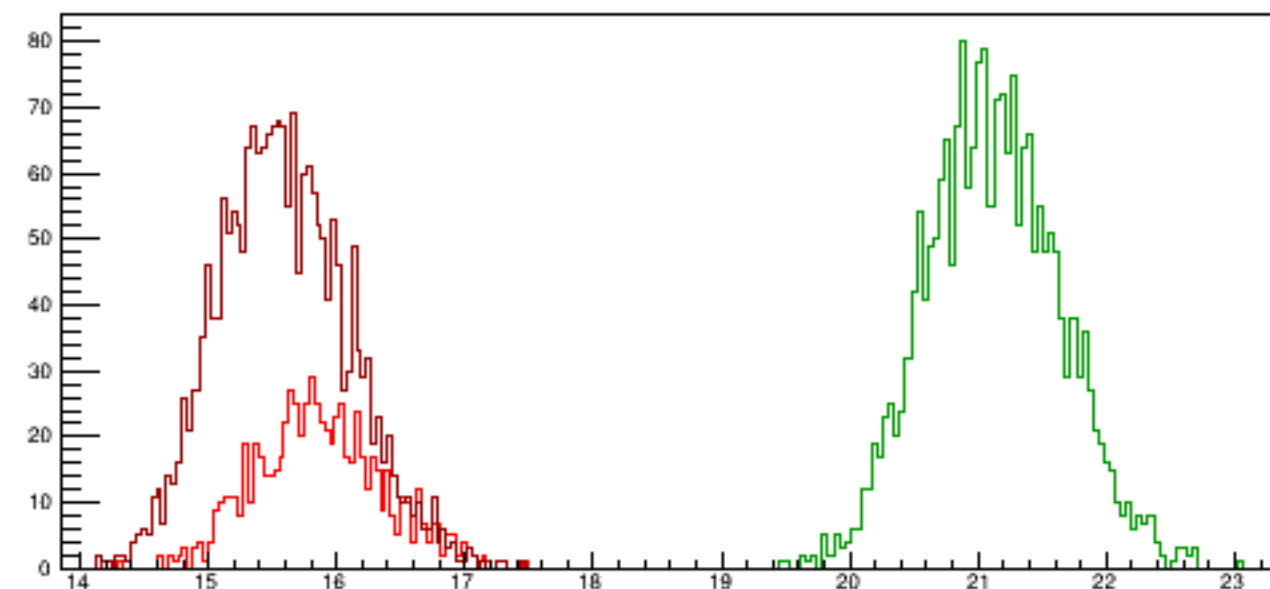
Run 4469 quartetwise, Diffs



Cycle 2, Sums

Entries: 739	Entries: 2165	Entries: 2129
Mean: 15.8734 +/- 0.0187	Mean: 21.1151 +/- 0.0112	Mean: 15.5832 +/- 0.0110
Std Dev: 0.5086 +/- 0.0132	Std Dev: 0.5201 +/- 0.0079	Std Dev: 0.5072 +/- 0.0078

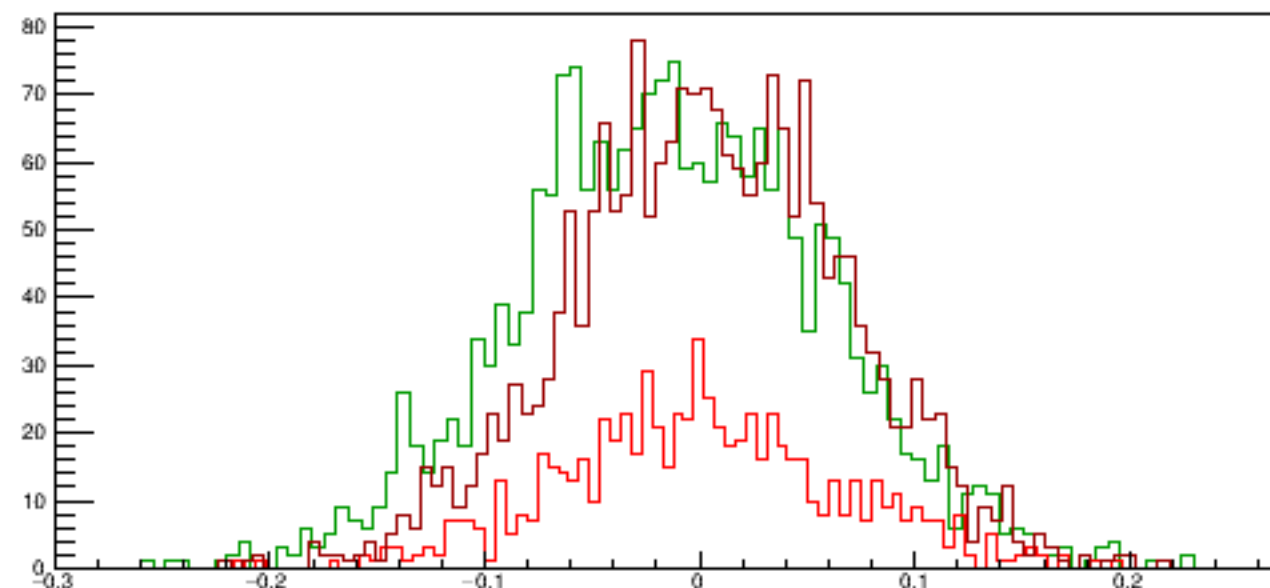
Run 4469 quartetwise, Sums



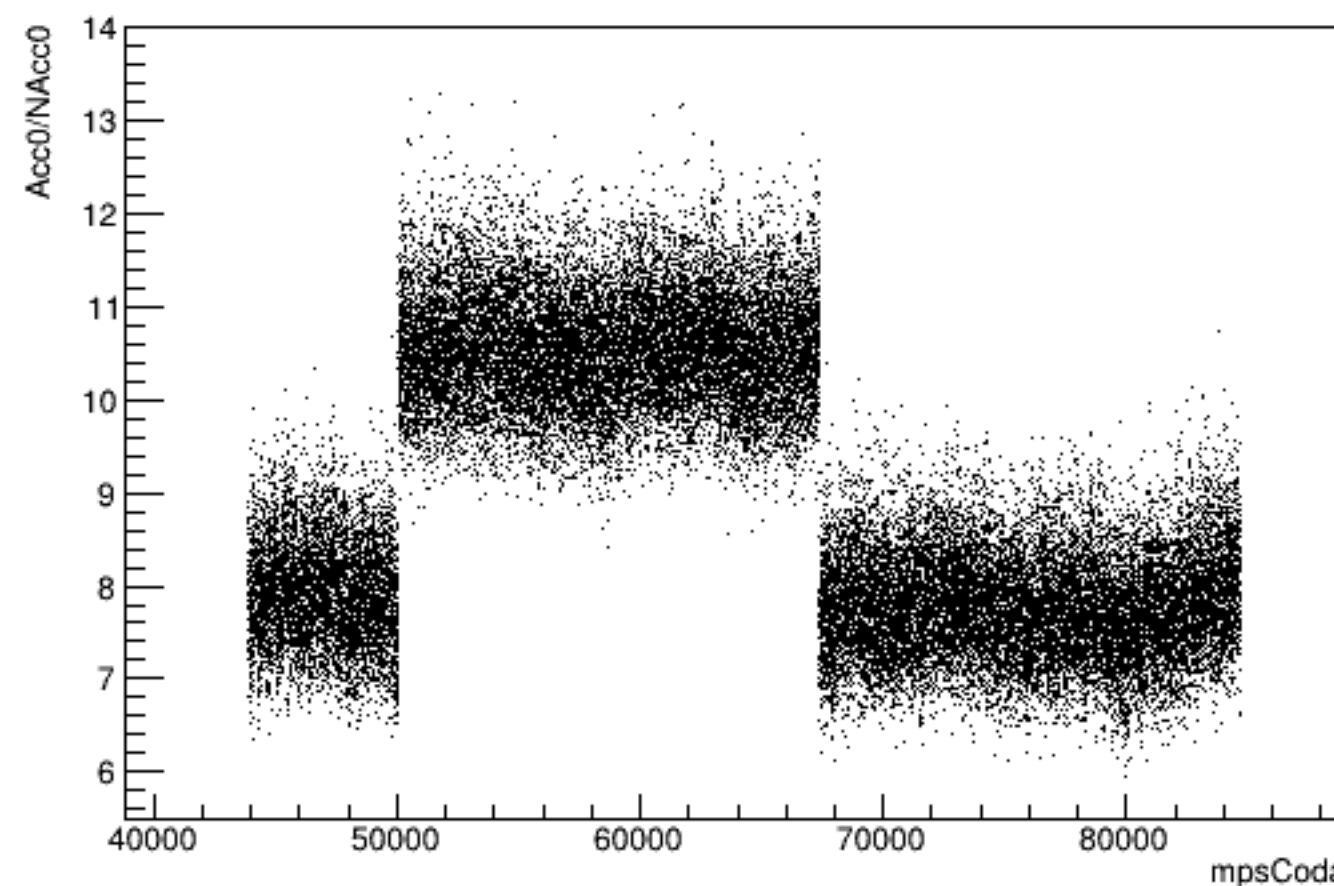
Cycle 2, Asyms

Entries: 739	Entries: 2165	Entries: 2129
Mean: 0.0003 +/- 0.0024	Mean: -0.0128 +/- 0.0015	Mean: 0.0041 +/- 0.0014
Std Dev: 0.0647 +/- 0.0017	Std Dev: 0.0709 +/- 0.0011	Std Dev: 0.0641 +/- 0.0010

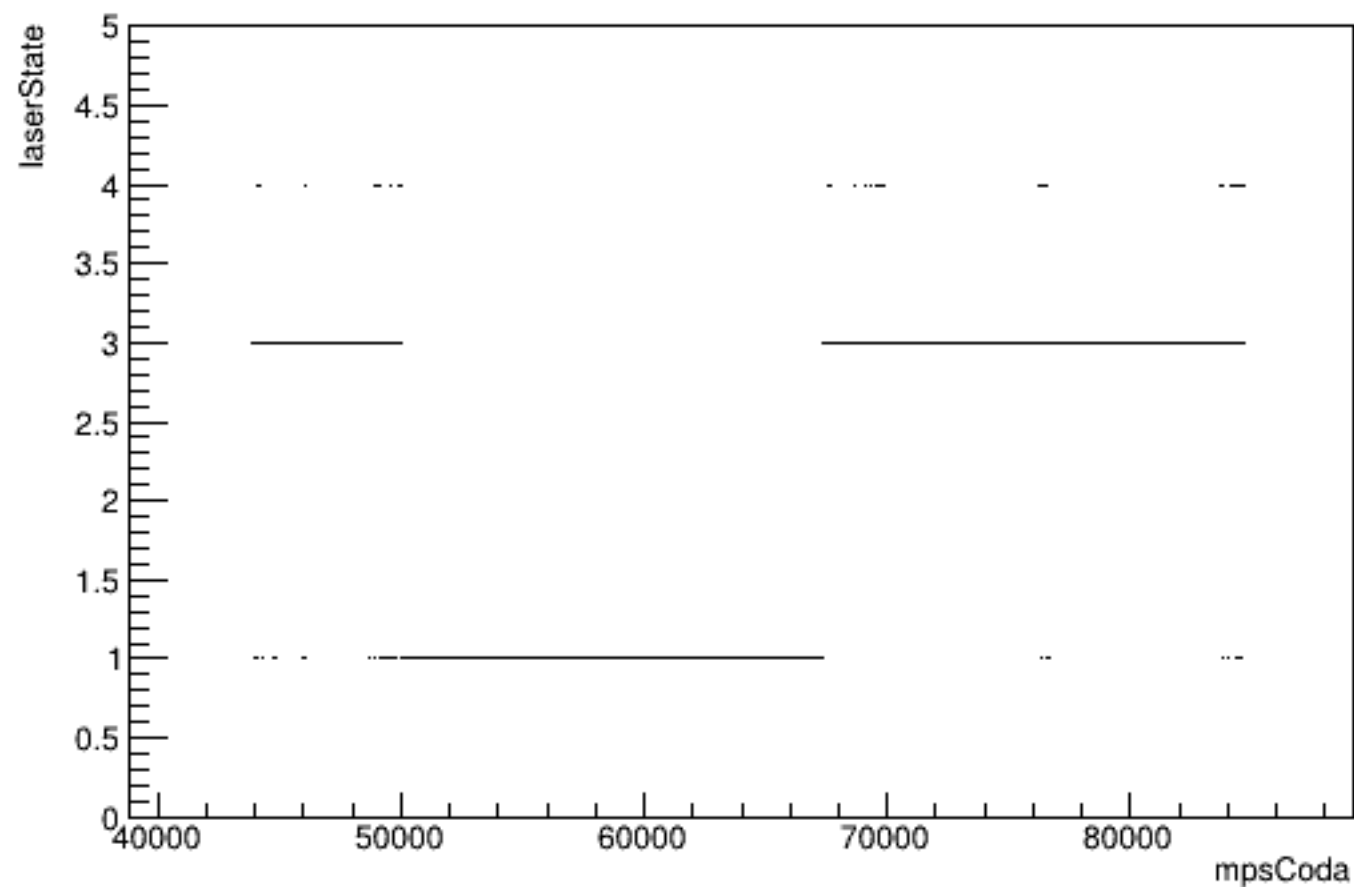
Run 4469 quartetwise, Asyms



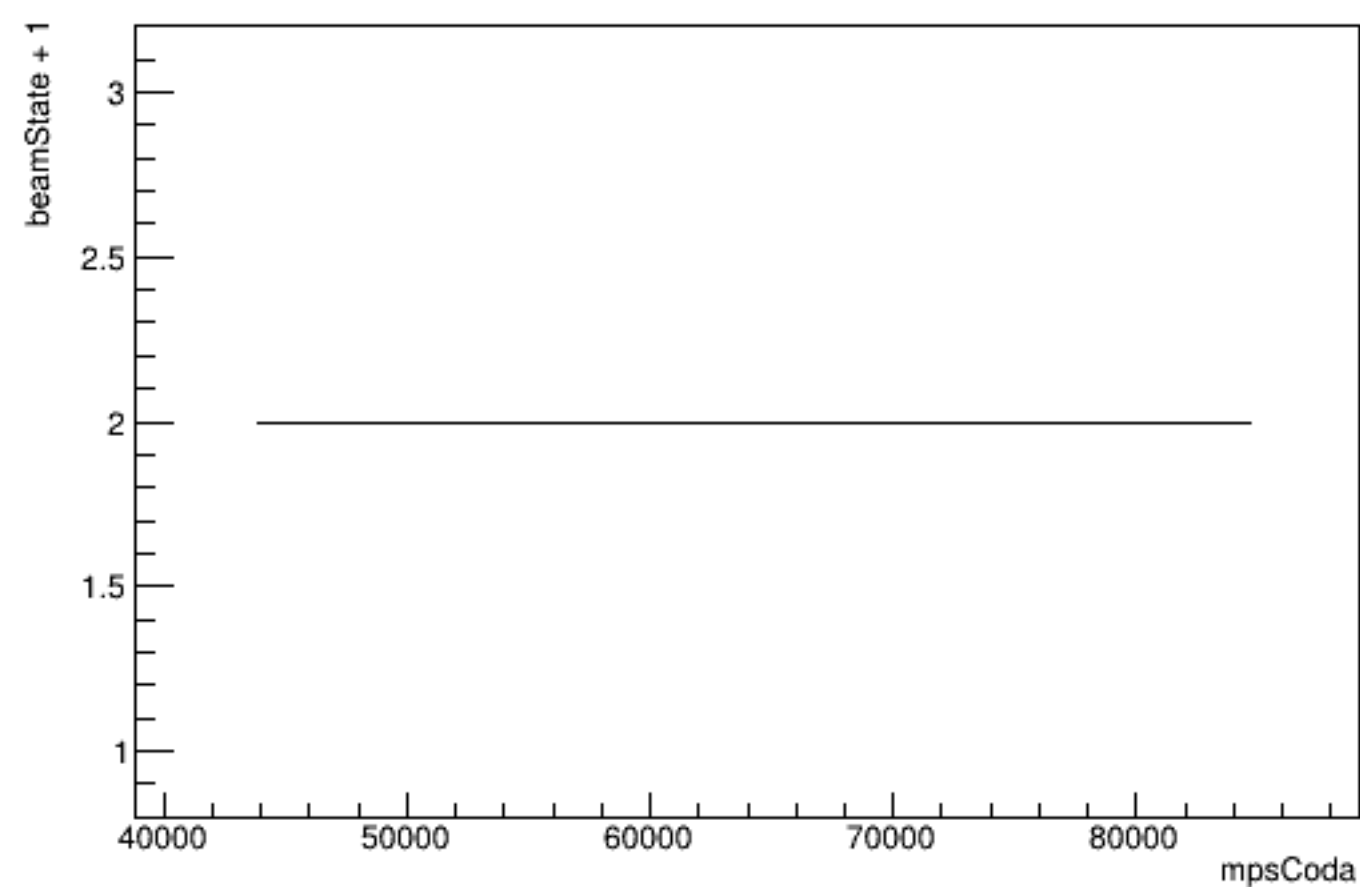
Acc0/NAcc0:mpsCoda {mpsCoda>=43881 && mpsCoda<=84688 && beamState==1}



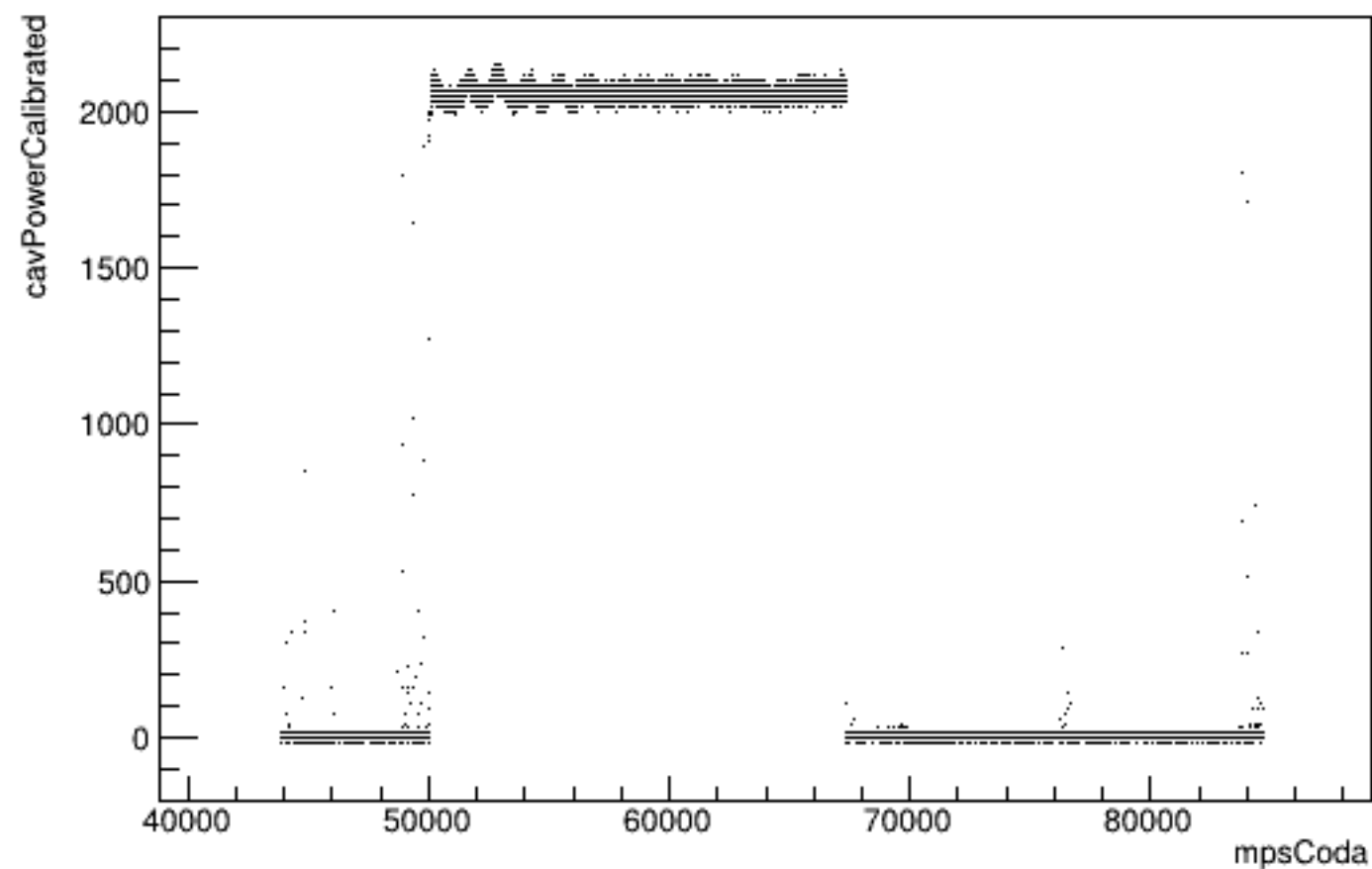
laserState:mpsCoda {mpsCoda>=43881 && mpsCoda<=84688}



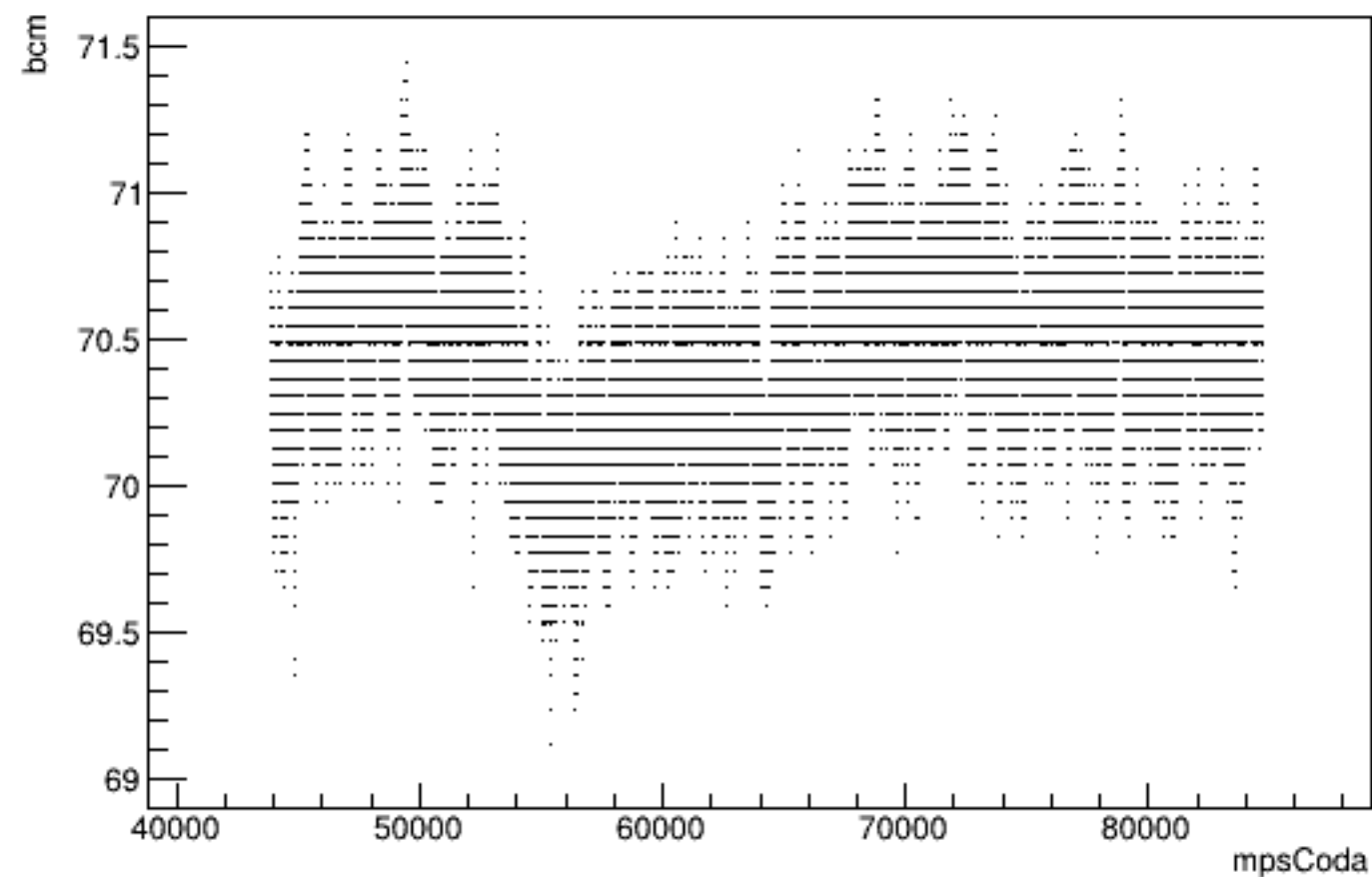
beamState + 1:mpsCoda {mpsCoda>=43881 && mpsCoda<=84688}



cavPowerCalibrated:mpsCoda {mpsCoda>=43881 && mpsCoda<=84688}



bcm:mpsCoda {mpsCoda>=43881 && mpsCoda<=84688}



Cycle 3, Diffs

Entries: 2129

Mean: 0.0221 +/- 0.0075

Std Dev: 0.3454 +/- 0.0053

Entries: 4572

Mean: -0.0557 +/- 0.0058

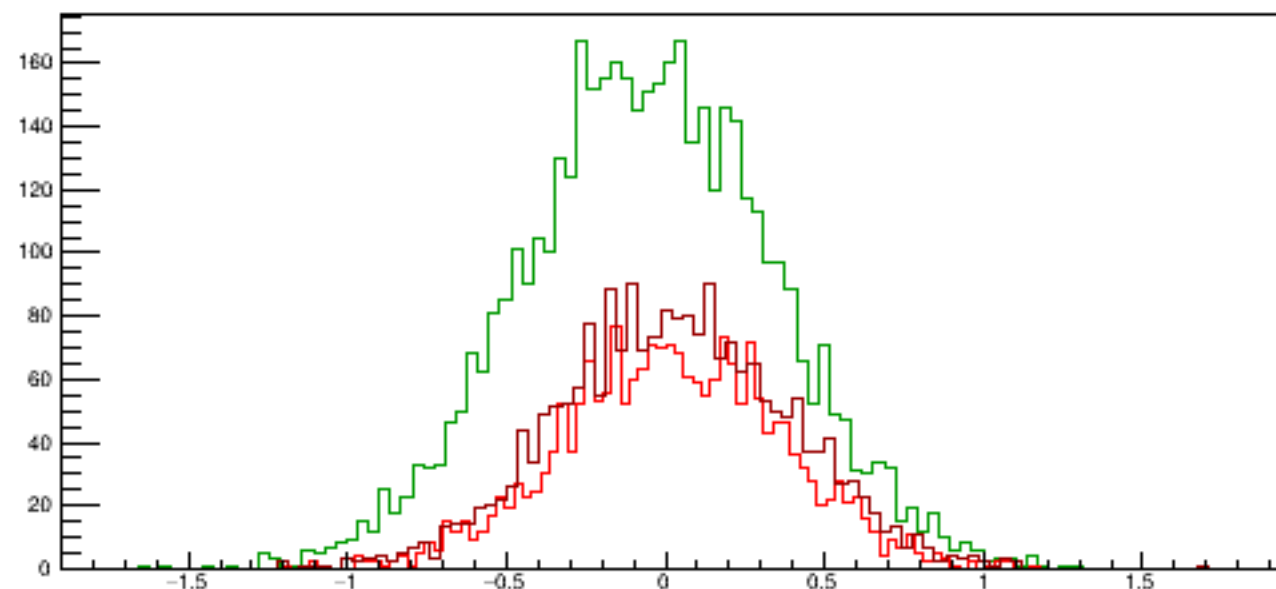
Std Dev: 0.3952 +/- 0.0041

Entries: 2139

Mean: 0.0248 +/- 0.0078

Std Dev: 0.3617 +/- 0.0055

Run 4469 quartetwise, Diffs



Cycle 3, Sums

Entries: 2129

Mean: 15.5832 +/- 0.0110

Std Dev: 0.5072 +/- 0.0078

Entries: 4572

Mean: 21.3734 +/- 0.0112

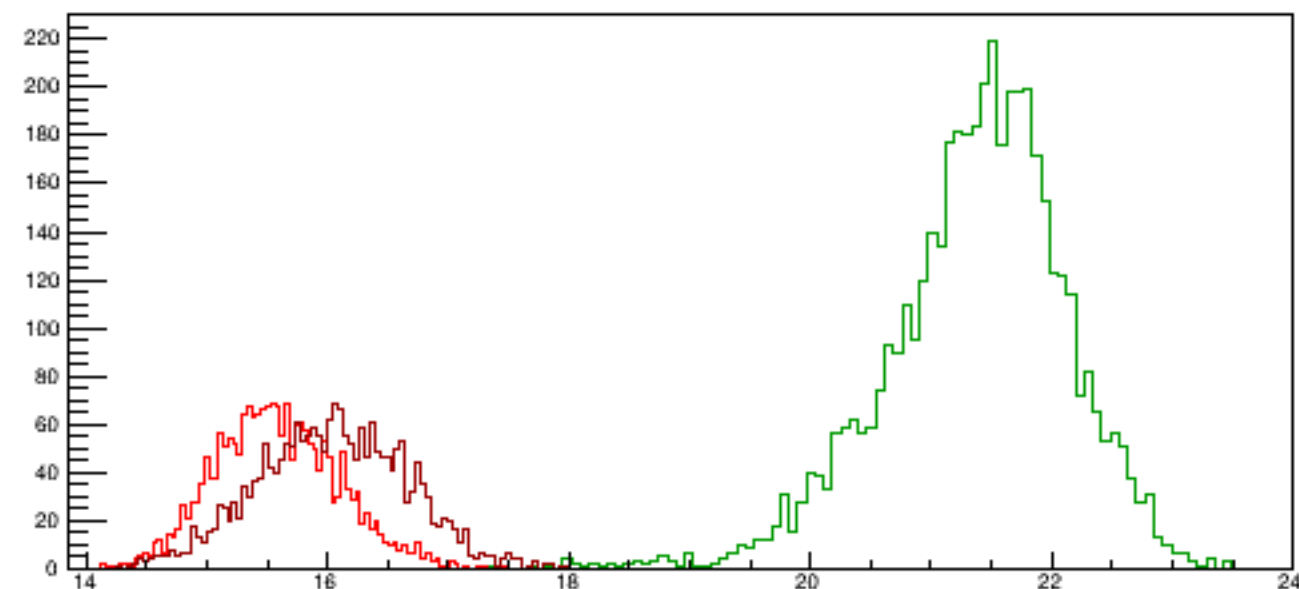
Std Dev: 0.7577 +/- 0.0079

Entries: 2139

Mean: 16.0385 +/- 0.0132

Std Dev: 0.6120 +/- 0.0094

Run 4469 quartetwise, Sums



Cycle 3, Asyms

Entries: 2129

Mean: 0.0040 +/- 0.0013

Std Dev: 0.0621 +/- 0.0010

Entries: 4572

Mean: -0.0101 +/- 0.0011

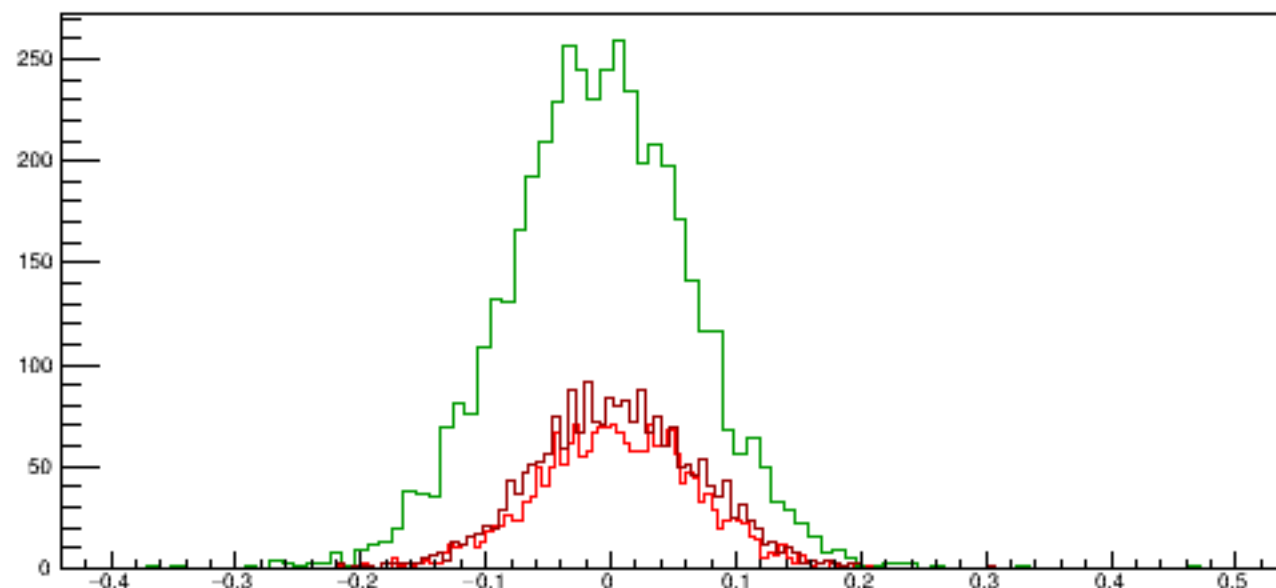
Std Dev: 0.0735 +/- 0.0008

Entries: 2139

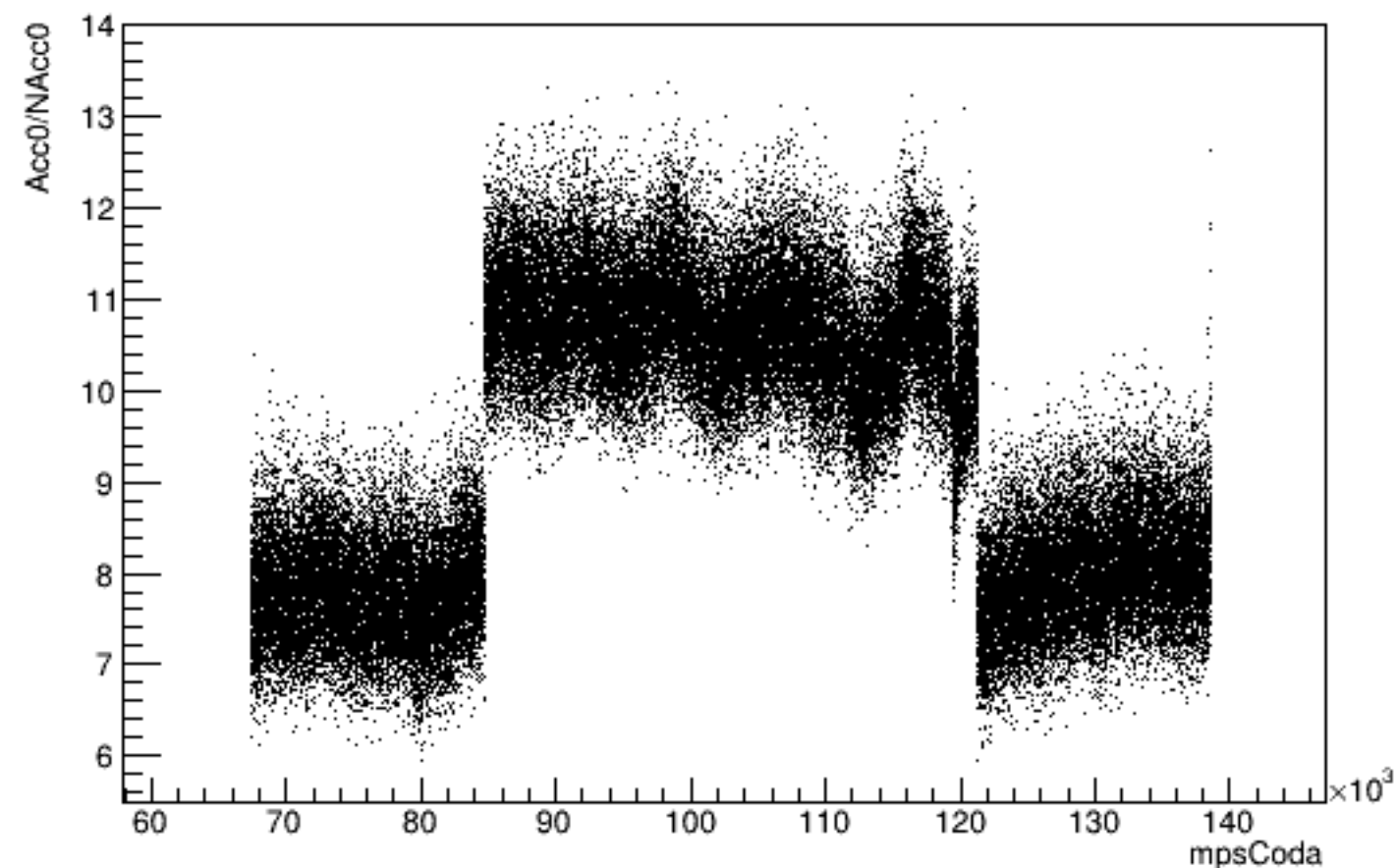
Mean: 0.0045 +/- 0.0014

Std Dev: 0.0650 +/- 0.0010

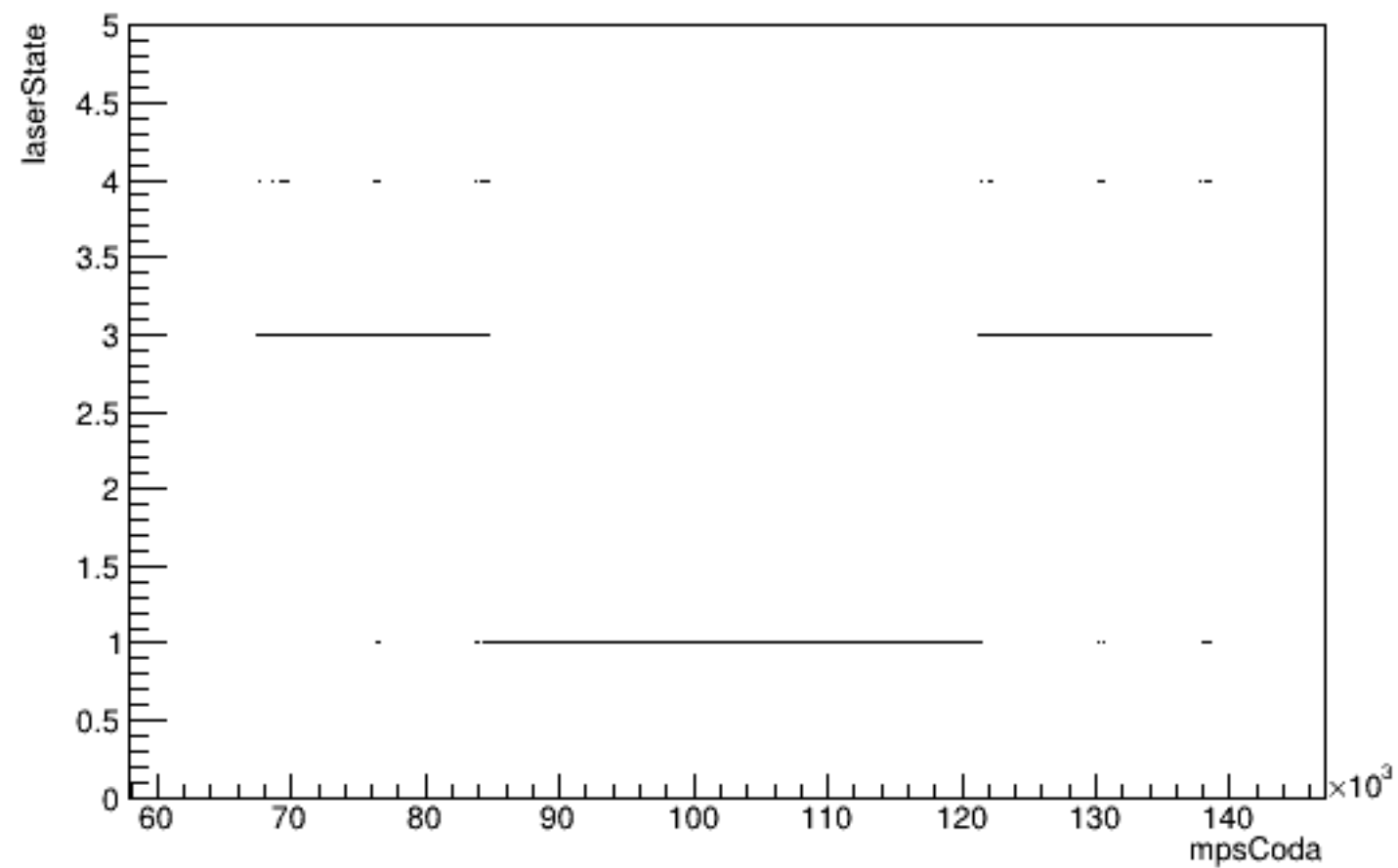
Run 4469 quartetwise, Asyms



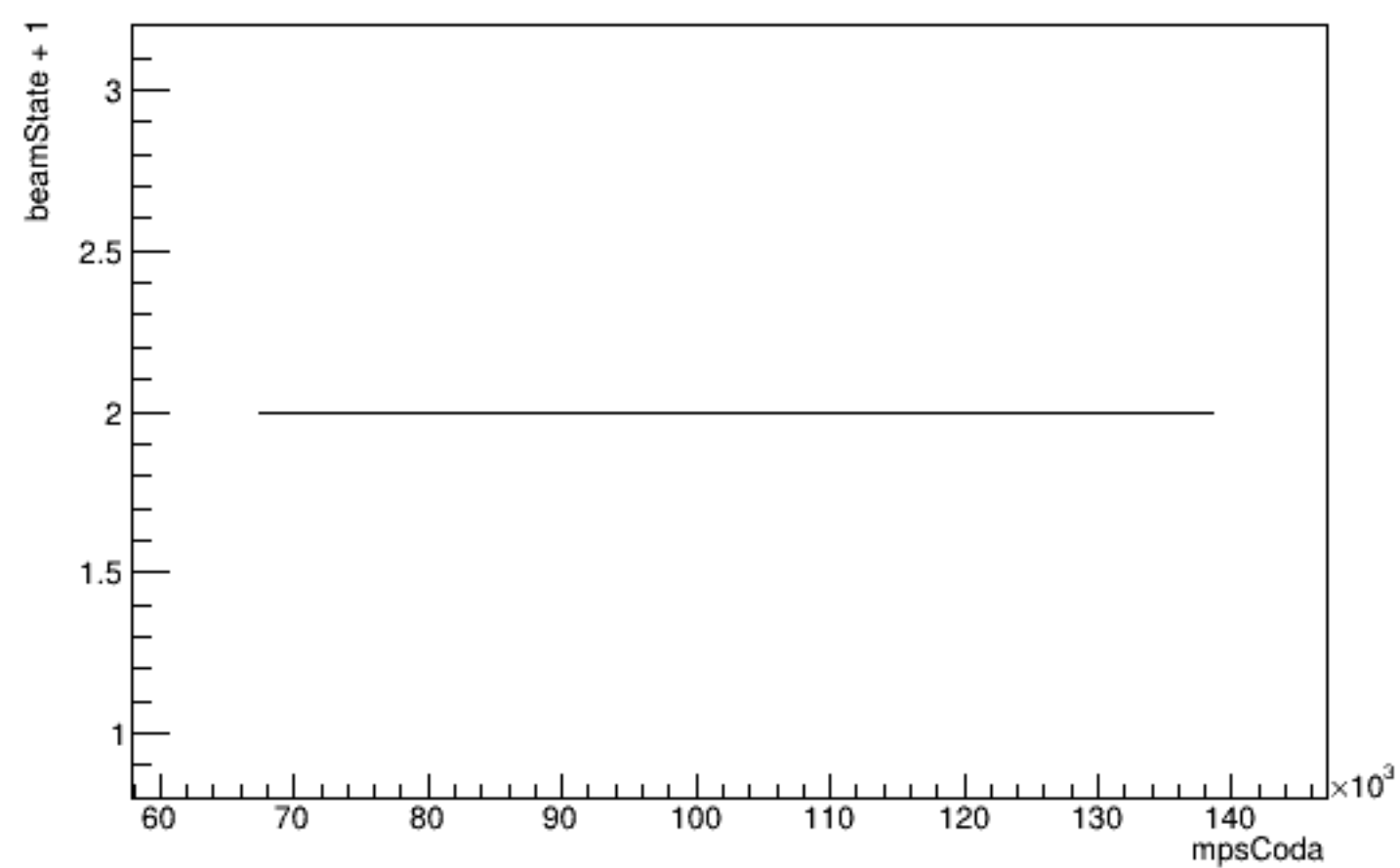
Acc0/NAcc0:mpsCoda {mpsCoda>=67377 && mpsCoda<=138576 && beamState==1}



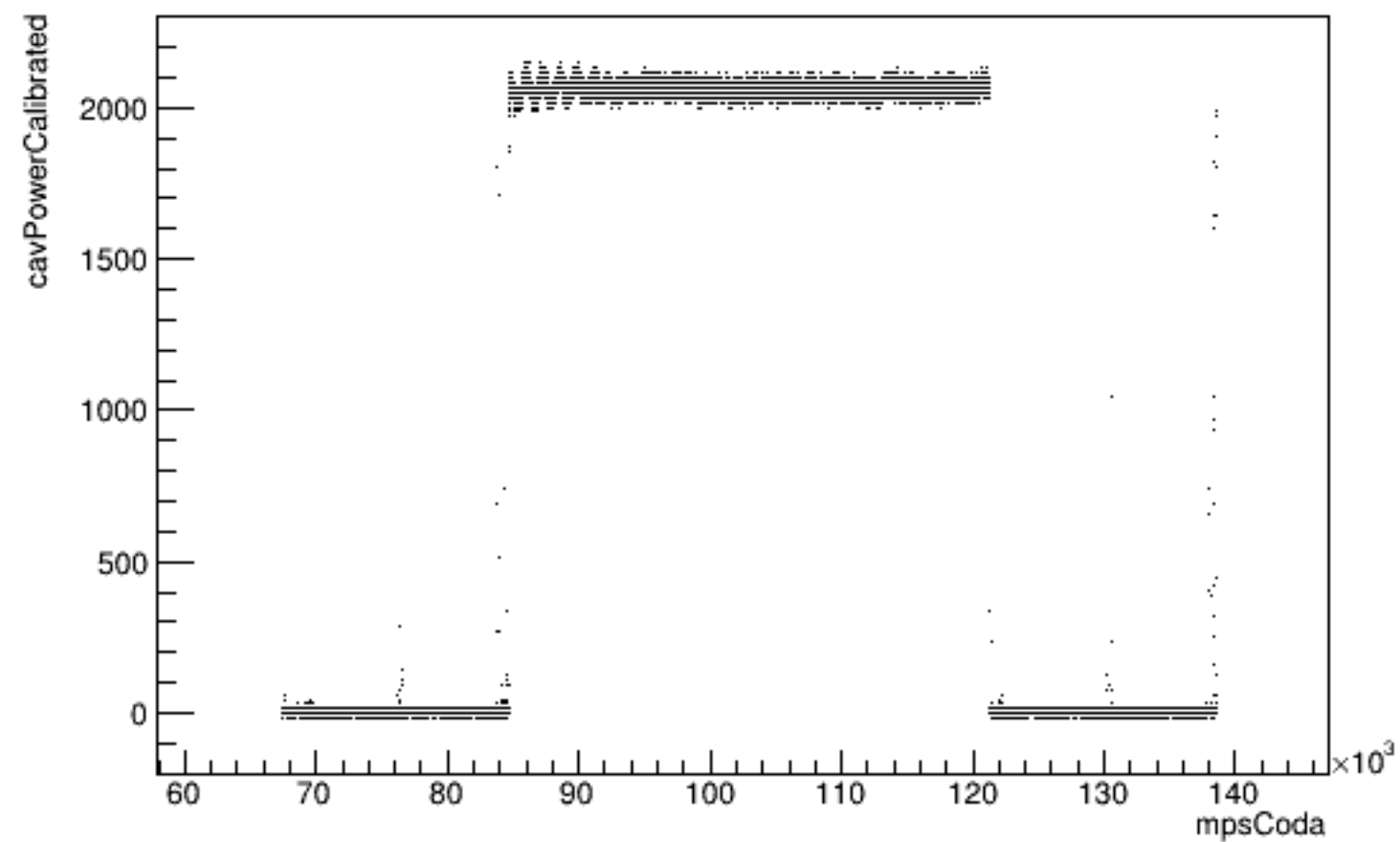
laserState:mpsCoda {mpsCoda>=67377 && mpsCoda<=138576}



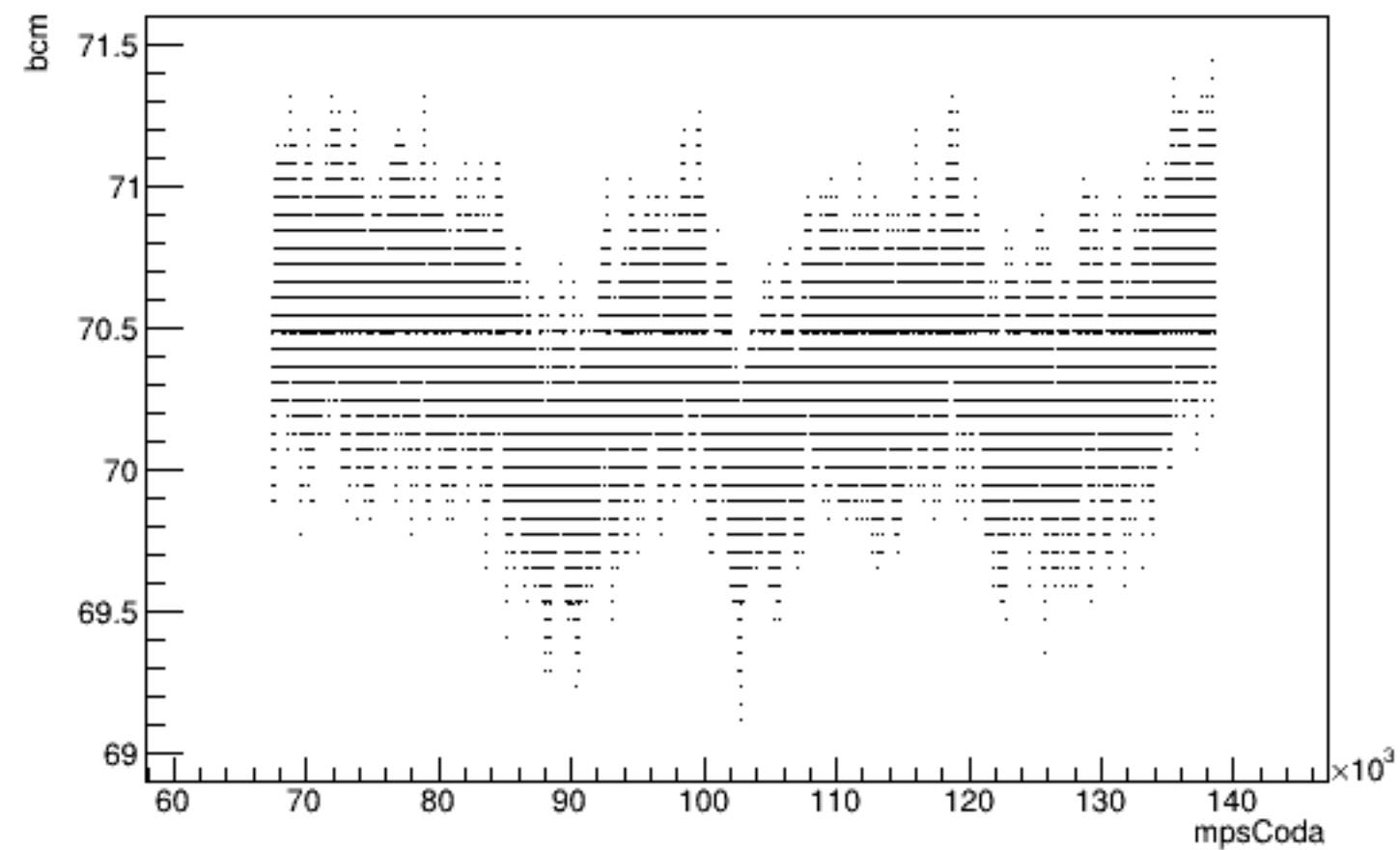
beamState + 1:mpsCoda {mpsCoda>=67377 && mpsCoda<=138576}



cavPowerCalibrated:mpsCoda {mpsCoda>=67377 && mpsCoda<=138576}



bcm:mpsCoda {mpsCoda>=67377 && mpsCoda<=138576}



Cycle 4, Diffs

Entries: 2139

Mean: 0.0248 +/- 0.0078

Std Dev: 0.3617 +/- 0.0055

Entries: 4634

Mean: -0.0508 +/- 0.0058

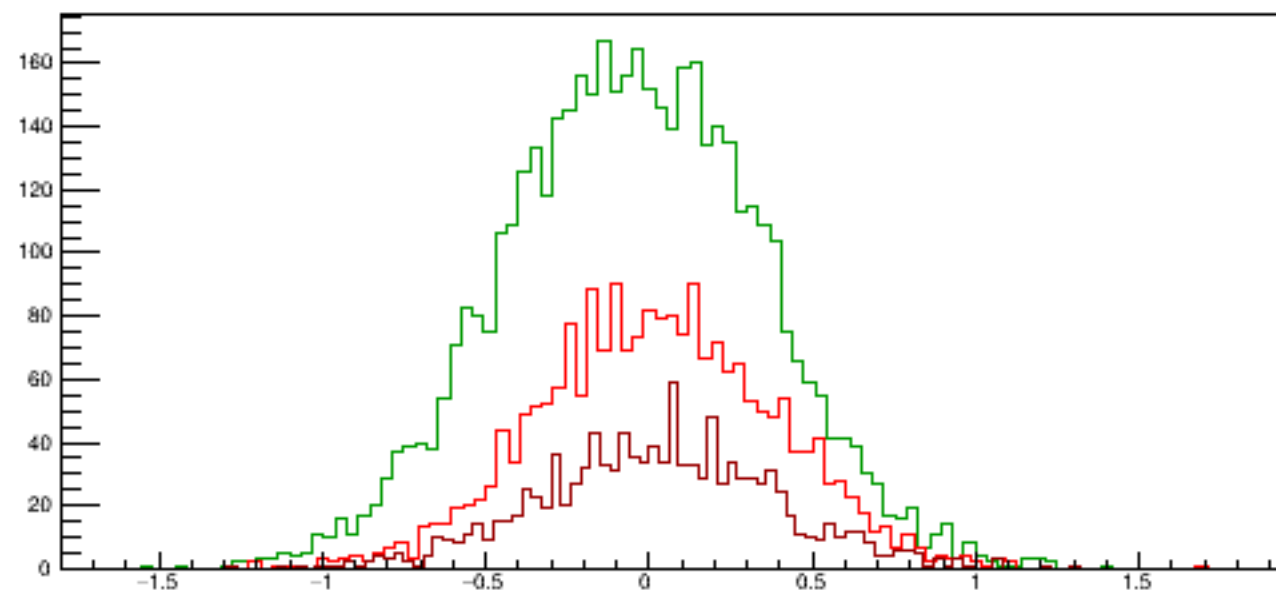
Std Dev: 0.3938 +/- 0.0041

Entries: 1157

Mean: 0.0256 +/- 0.0107

Std Dev: 0.3625 +/- 0.0075

Run 4469 quartetwise, Diffs



Cycle 4, Sums

Entries: 2139

Mean: 16.0385 +/- 0.0132

Std Dev: 0.6120 +/- 0.0094

Entries: 4634

Mean: 22.0807 +/- 0.0077

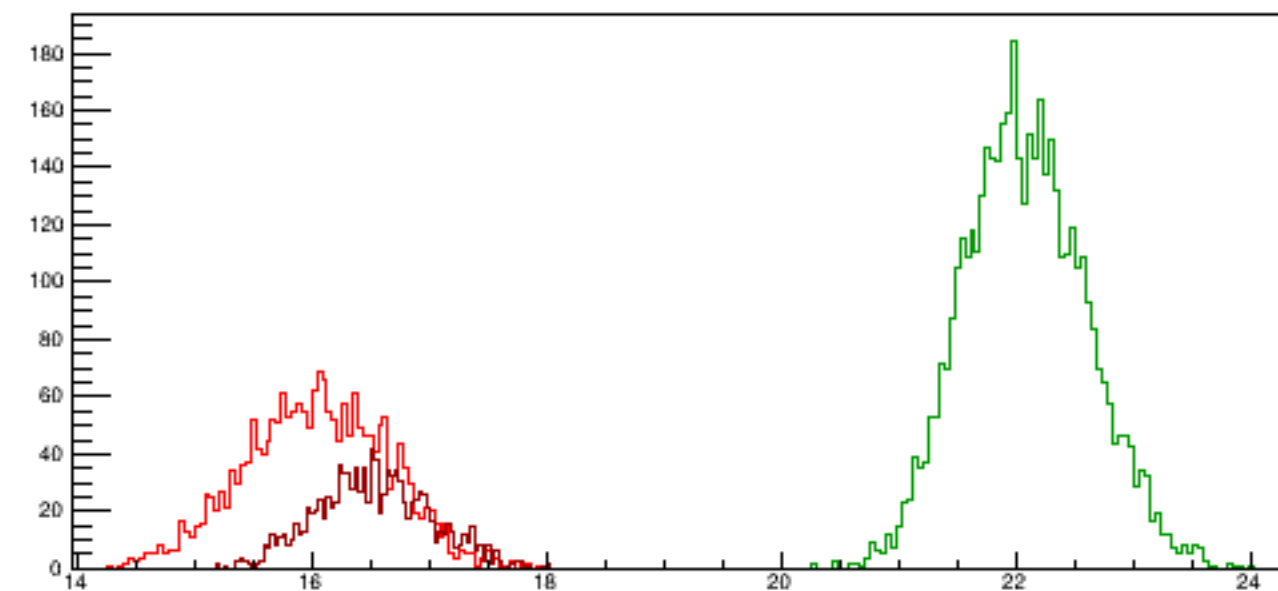
Std Dev: 0.5246 +/- 0.0054

Entries: 1157

Mean: 16.5252 +/- 0.0143

Std Dev: 0.4877 +/- 0.0101

Run 4469 quartetwise, Sums



Cycle 4, Asyms

Entries: 2139

Mean: 0.0043 +/- 0.0013

Std Dev: 0.0624 +/- 0.0010

Entries: 4634

Mean: -0.0088 +/- 0.0010

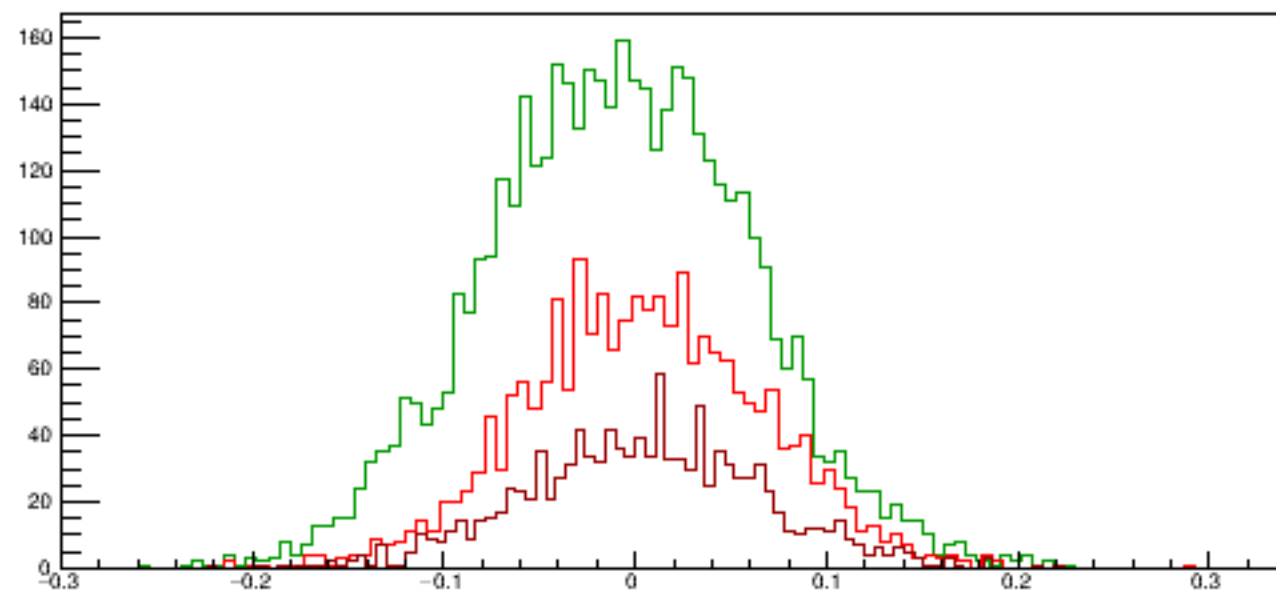
Std Dev: 0.0683 +/- 0.0007

Entries: 1157

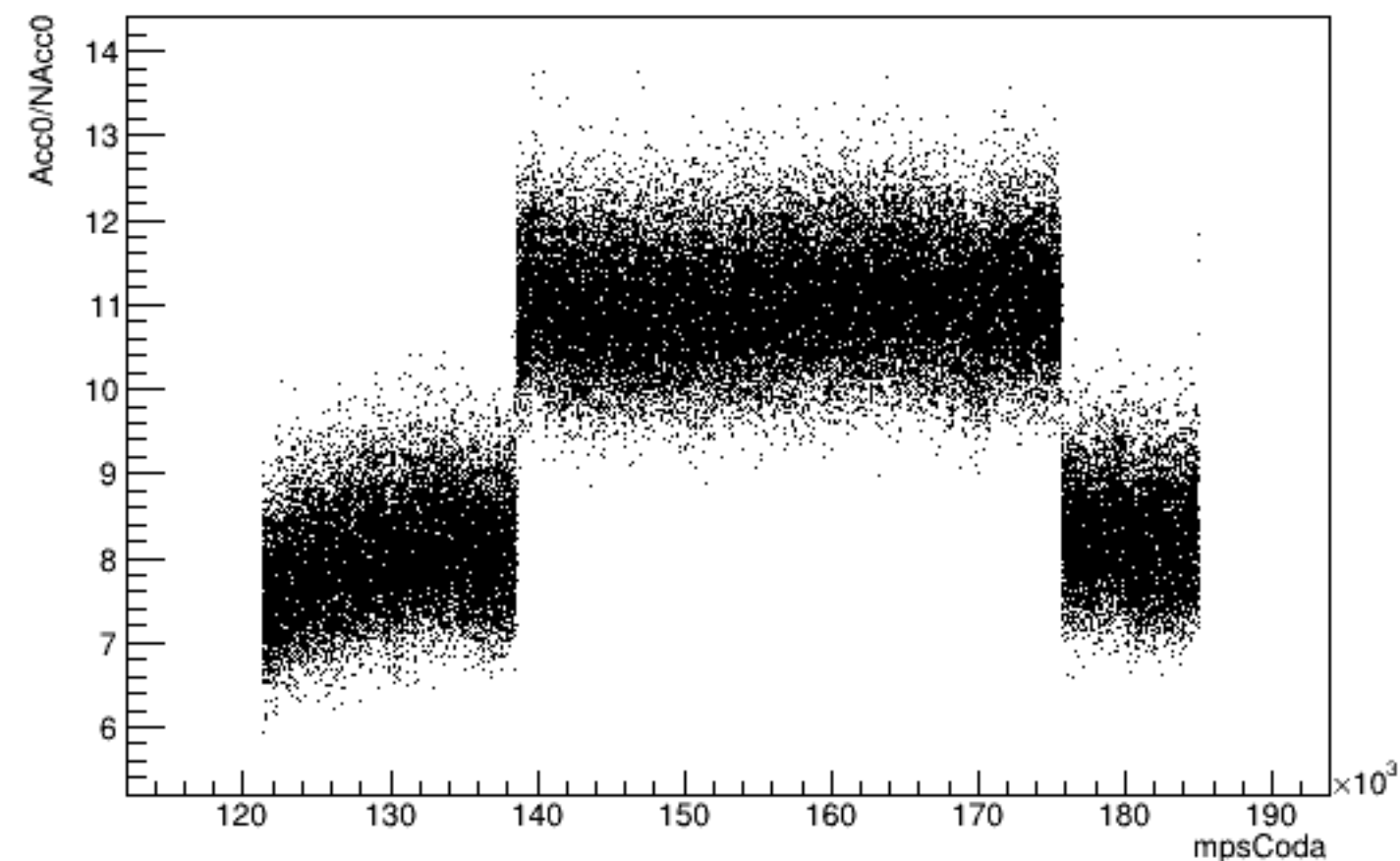
Mean: 0.0044 +/- 0.0018

Std Dev: 0.0625 +/- 0.0013

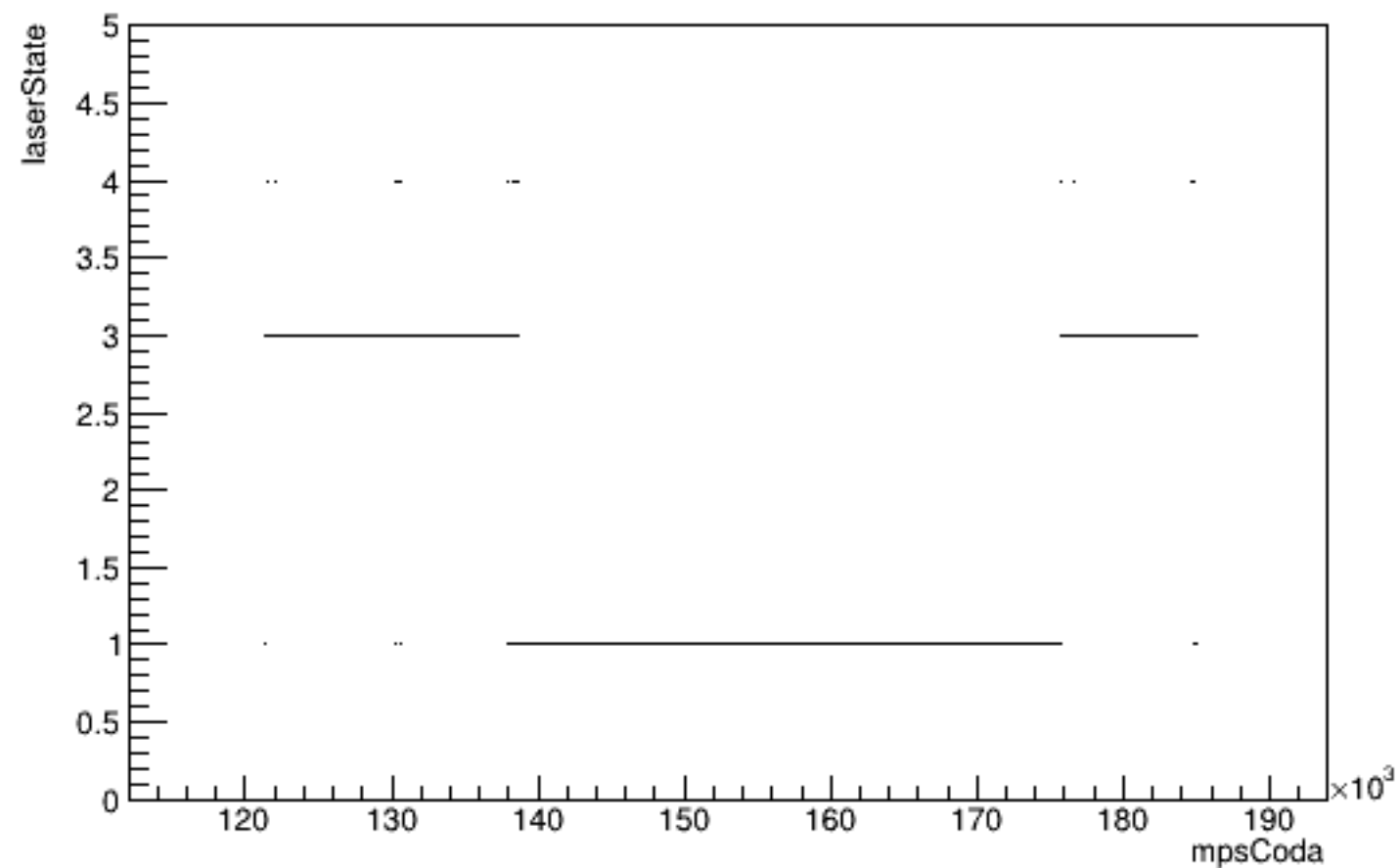
Run 4469 quartetwise, Asyms



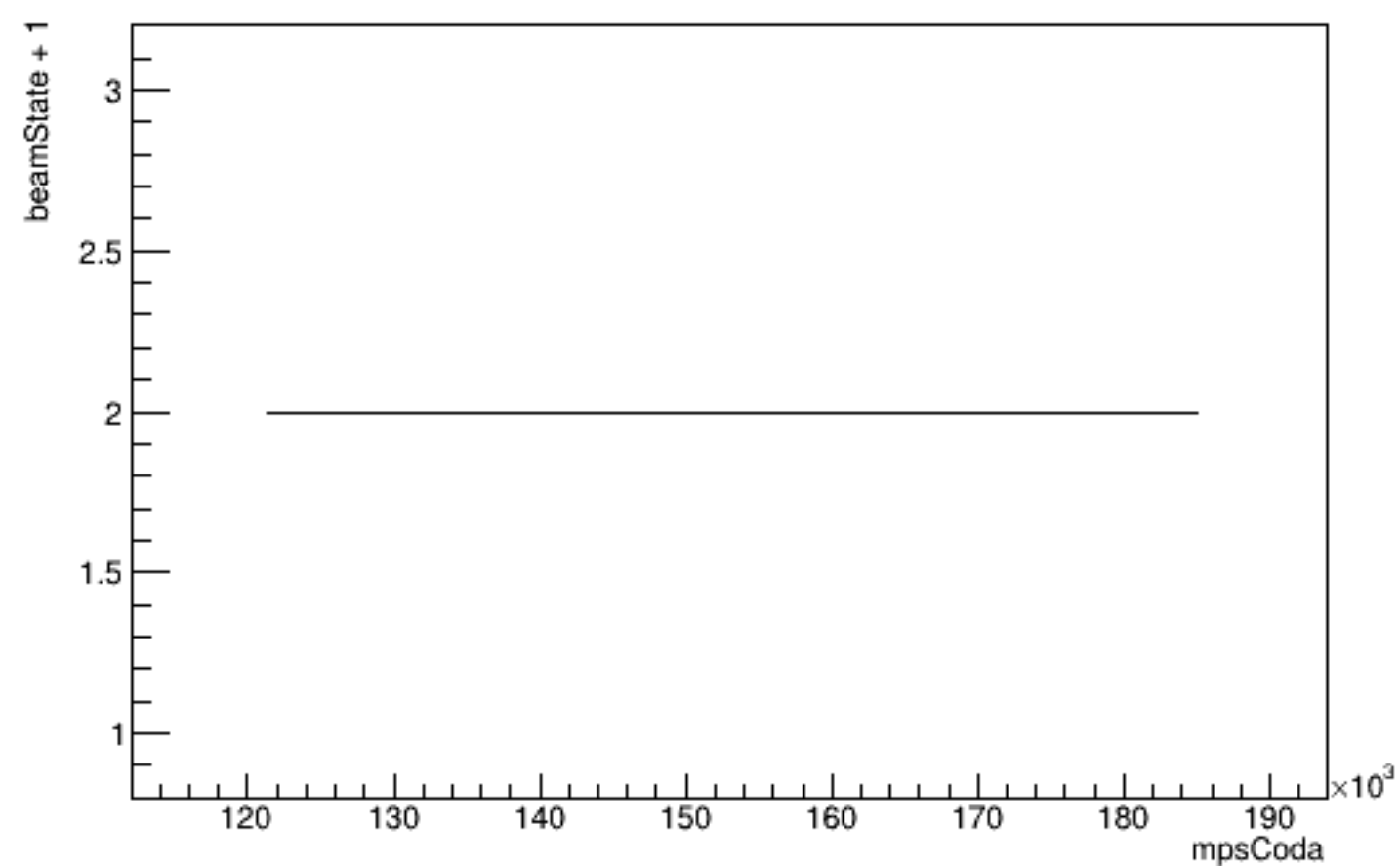
Acc0/NAcc0:mpsCoda (mpsCoda>=121273 && mpsCoda<=184984 && beamState==1)



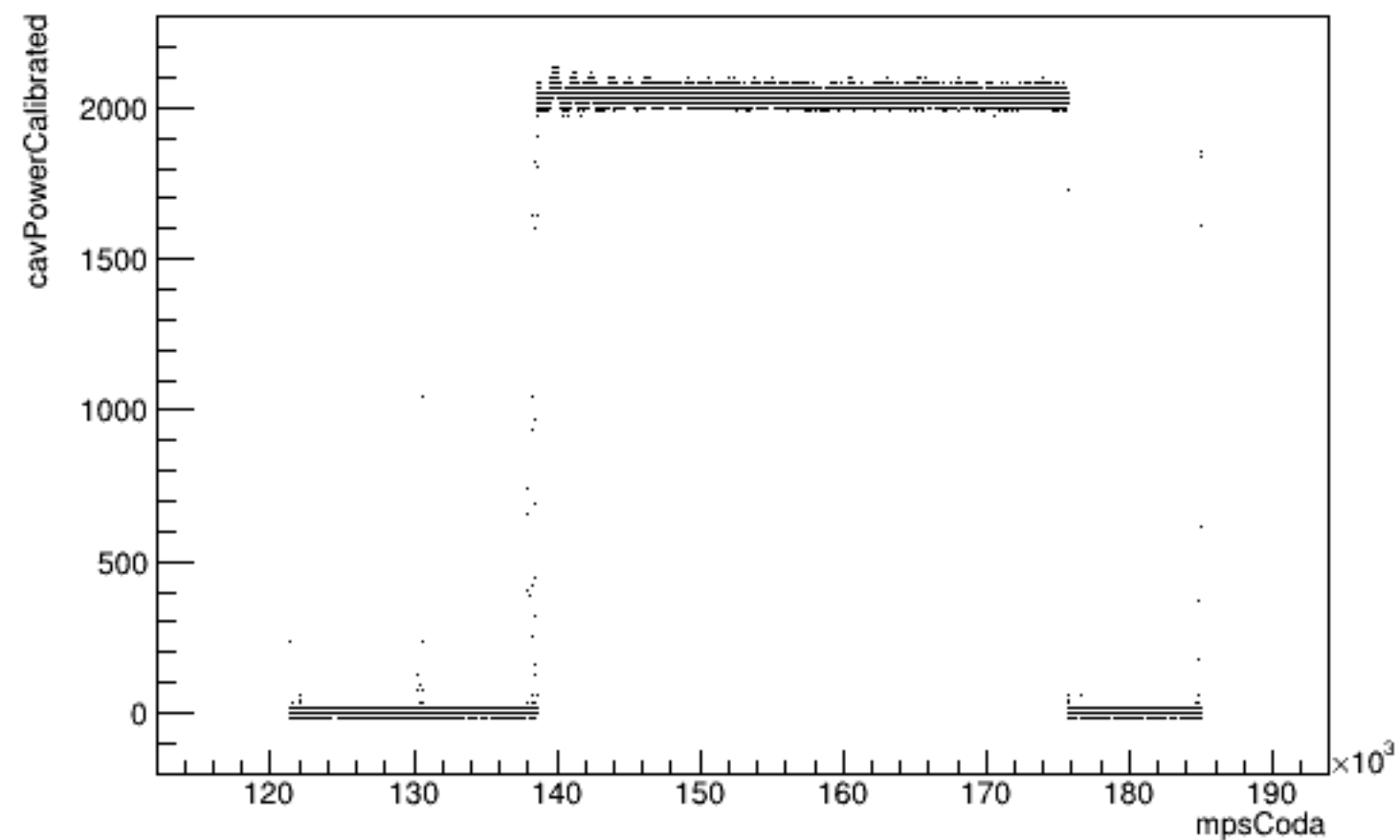
laserState:mpsCoda {mpsCoda>=121273 && mpsCoda<=184984}



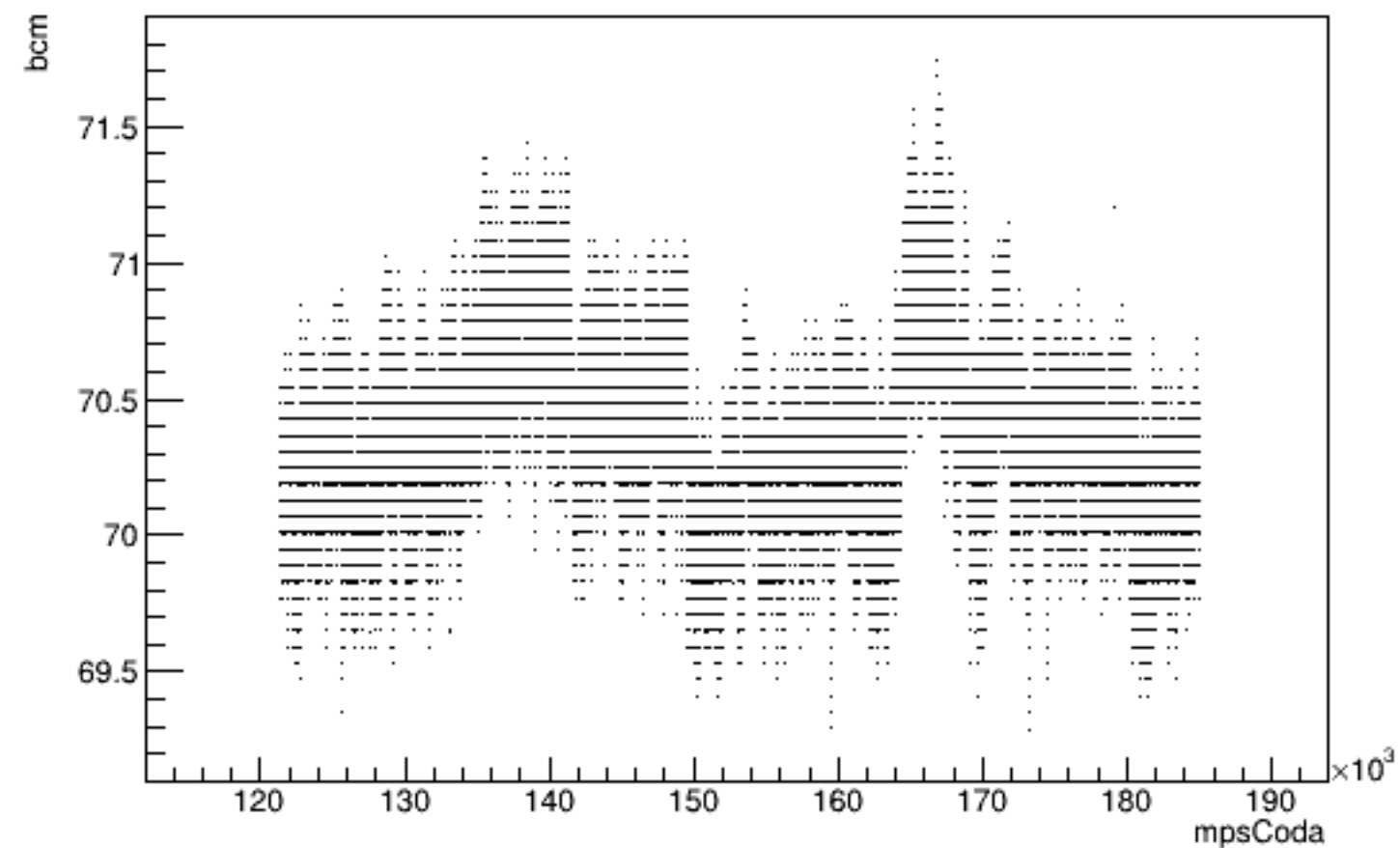
beamState + 1:mpsCoda {mpsCoda>=121273 && mpsCoda<=184984}



cavPowerCalibrated:mpsCoda {mpsCoda>=121273 && mpsCoda<=184984}



bcm:mpsCoda {mpsCoda>=121273 && mpsCoda<=184984}



Cycle 5, Diffs

Entries: 1157

Mean: 0.0256 +/- 0.0107

Std Dev: 0.3625 +/- 0.0075

Entries: 4176

Mean: -0.0699 +/- 0.0060

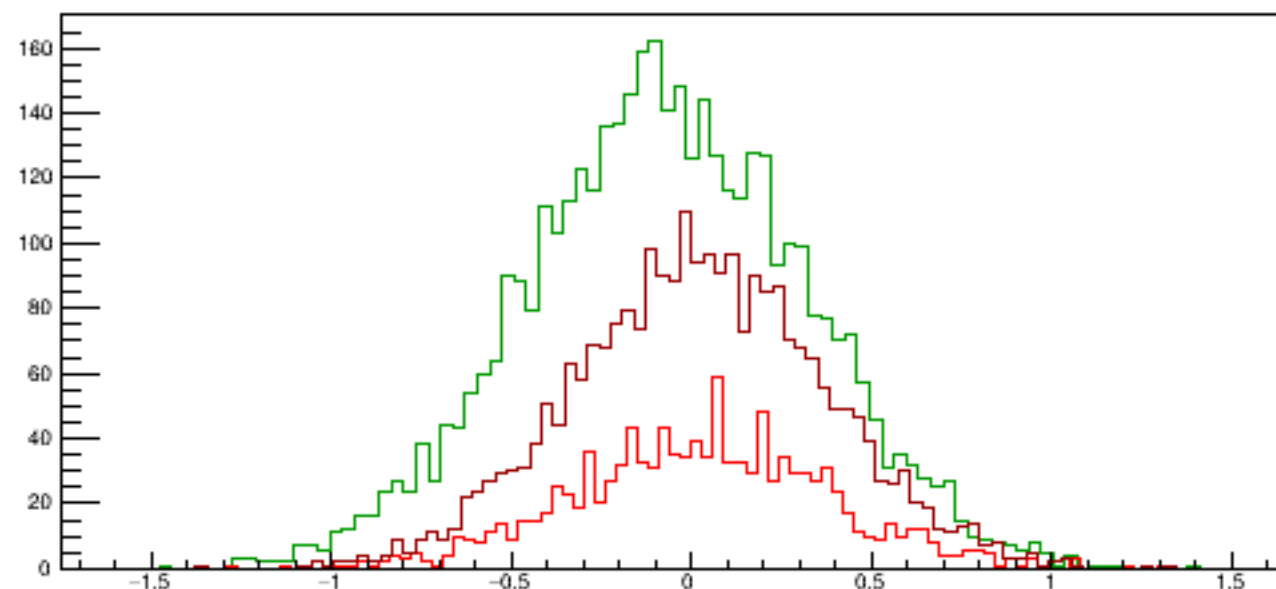
Std Dev: 0.3907 +/- 0.0043

Entries: 2606

Mean: 0.0218 +/- 0.0069

Std Dev: 0.3523 +/- 0.0049

Run 4469 quartetwise, Diffs



Cycle 5, Sums

Entries: 1157

Mean: 16.5252 +/- 0.0143

Std Dev: 0.4877 +/- 0.0101

Entries: 4176

Mean: 22.0159 +/- 0.0082

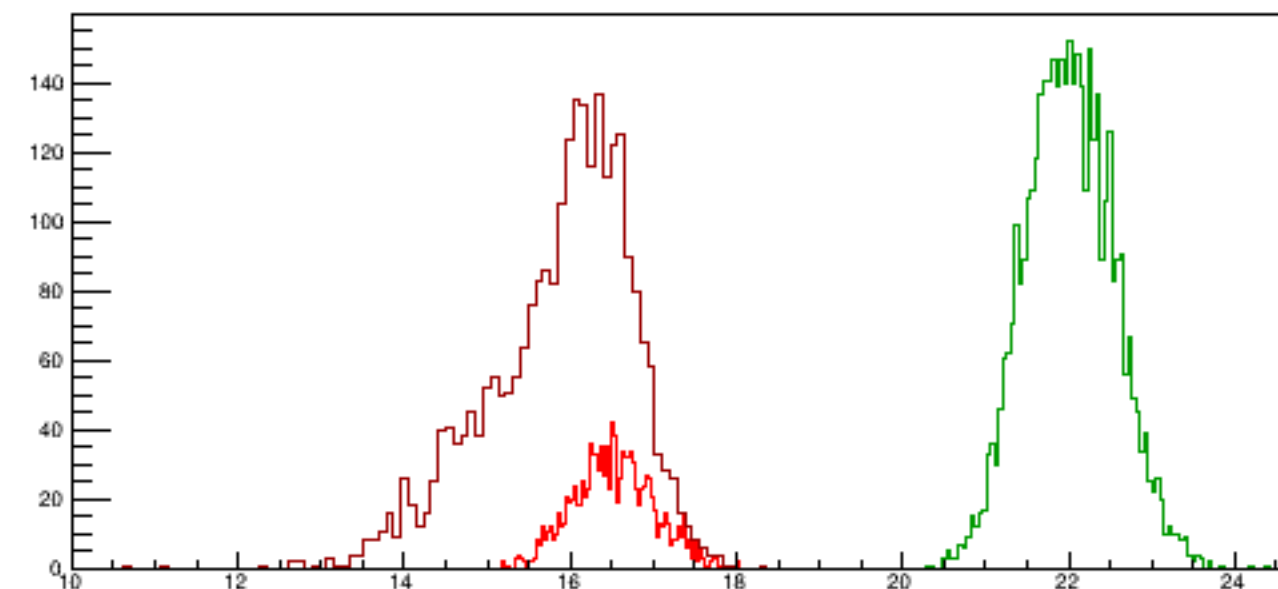
Std Dev: 0.5323 +/- 0.0058

Entries: 2606

Mean: 15.8756 +/- 0.0171

Std Dev: 0.8736 +/- 0.0121

Run 4469 quartetwise, Sums



Cycle 5, Asyms

Entries: 1157

Mean: 0.0044 +/- 0.0018

Std Dev: 0.0623 +/- 0.0013

Entries: 4176

Mean: -0.0122 +/- 0.0010

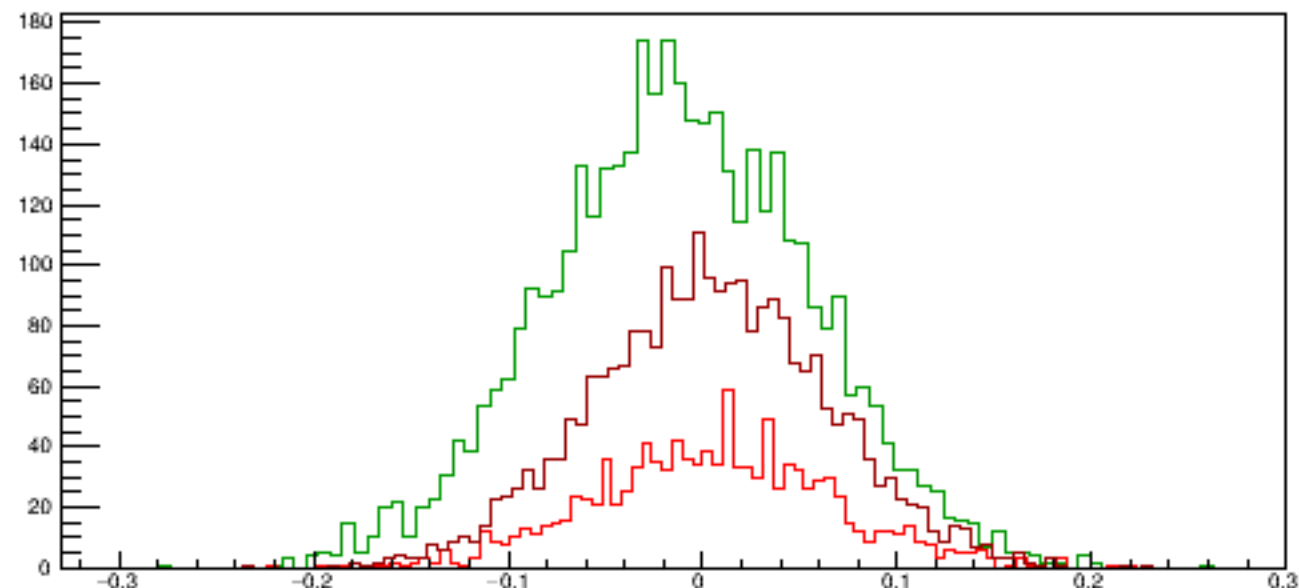
Std Dev: 0.0675 +/- 0.0007

Entries: 2606

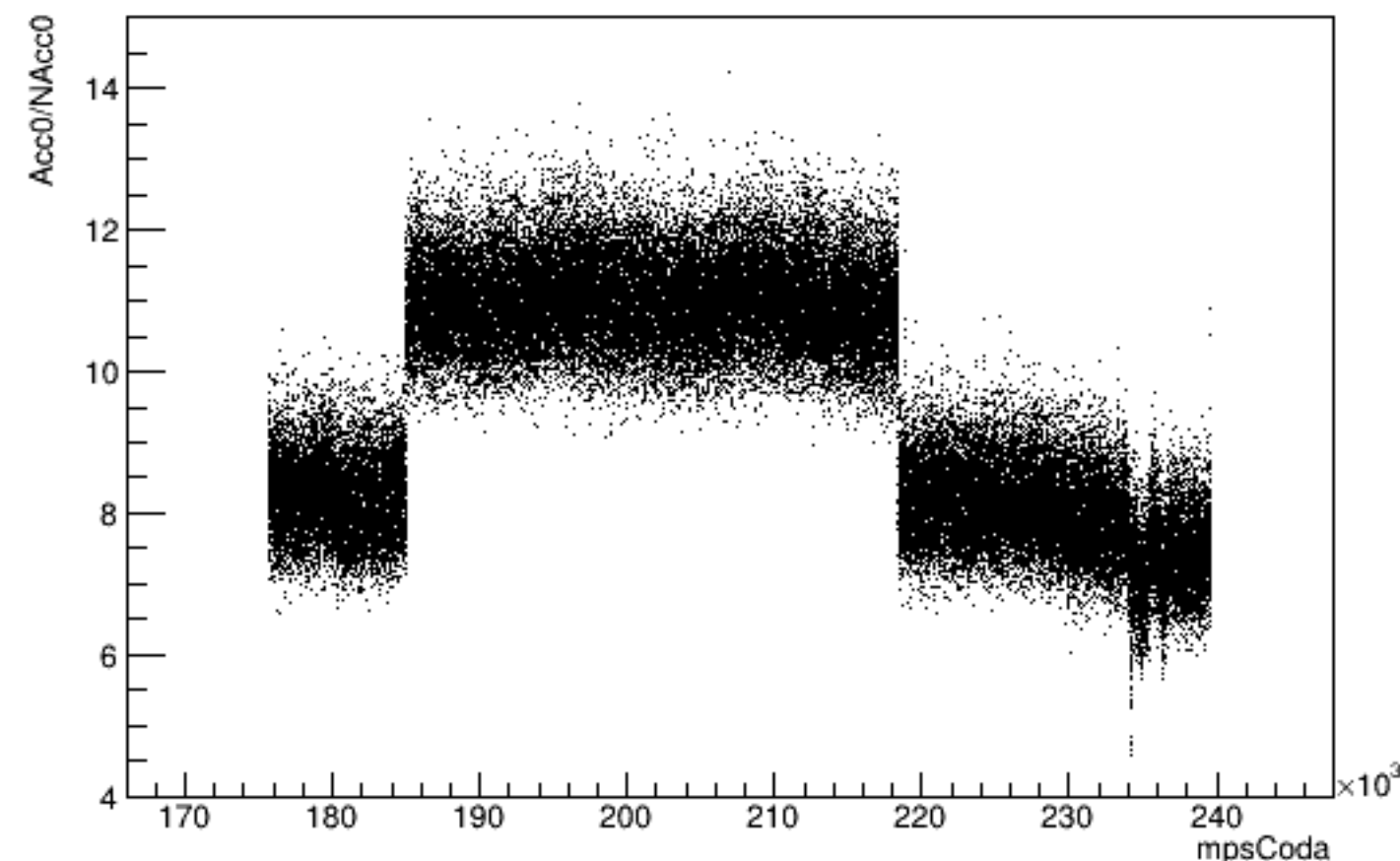
Mean: 0.0038 +/- 0.0012

Std Dev: 0.0606 +/- 0.0008

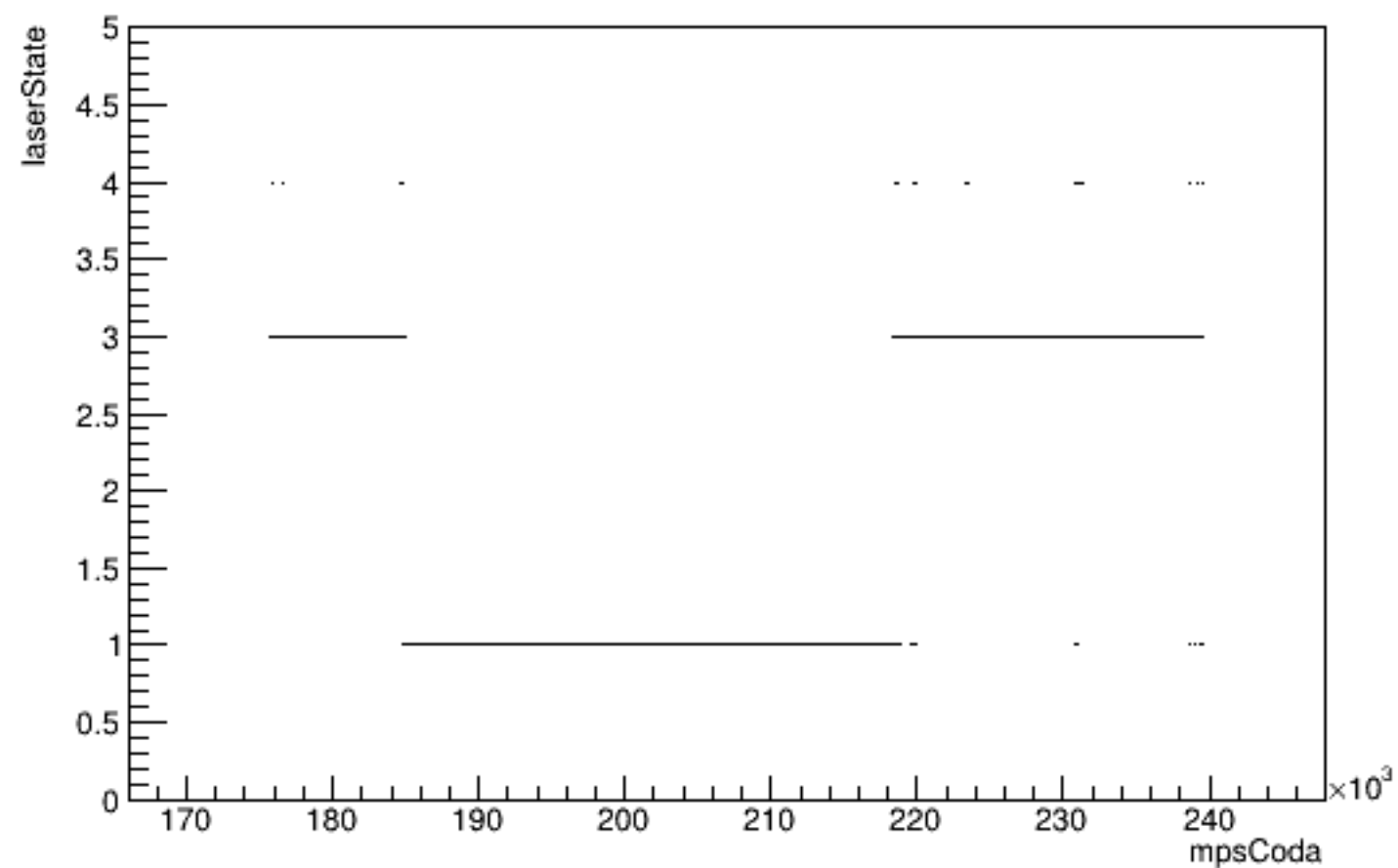
Run 4469 quartetwise, Asyms



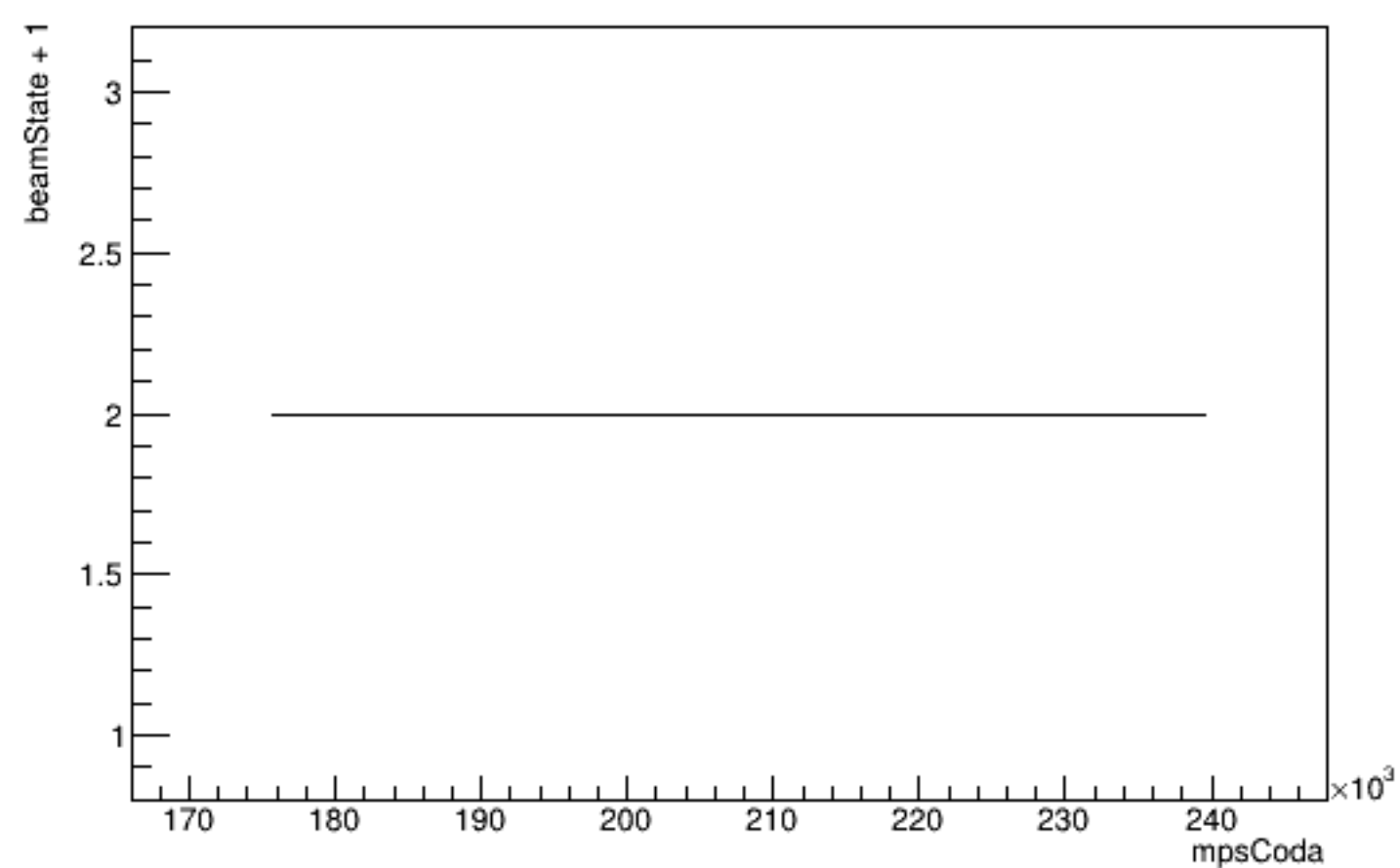
Acc0/NAcc0:mpsCoda (mpsCoda>=175657 && mpsCoda<=239592 && beamState==1)



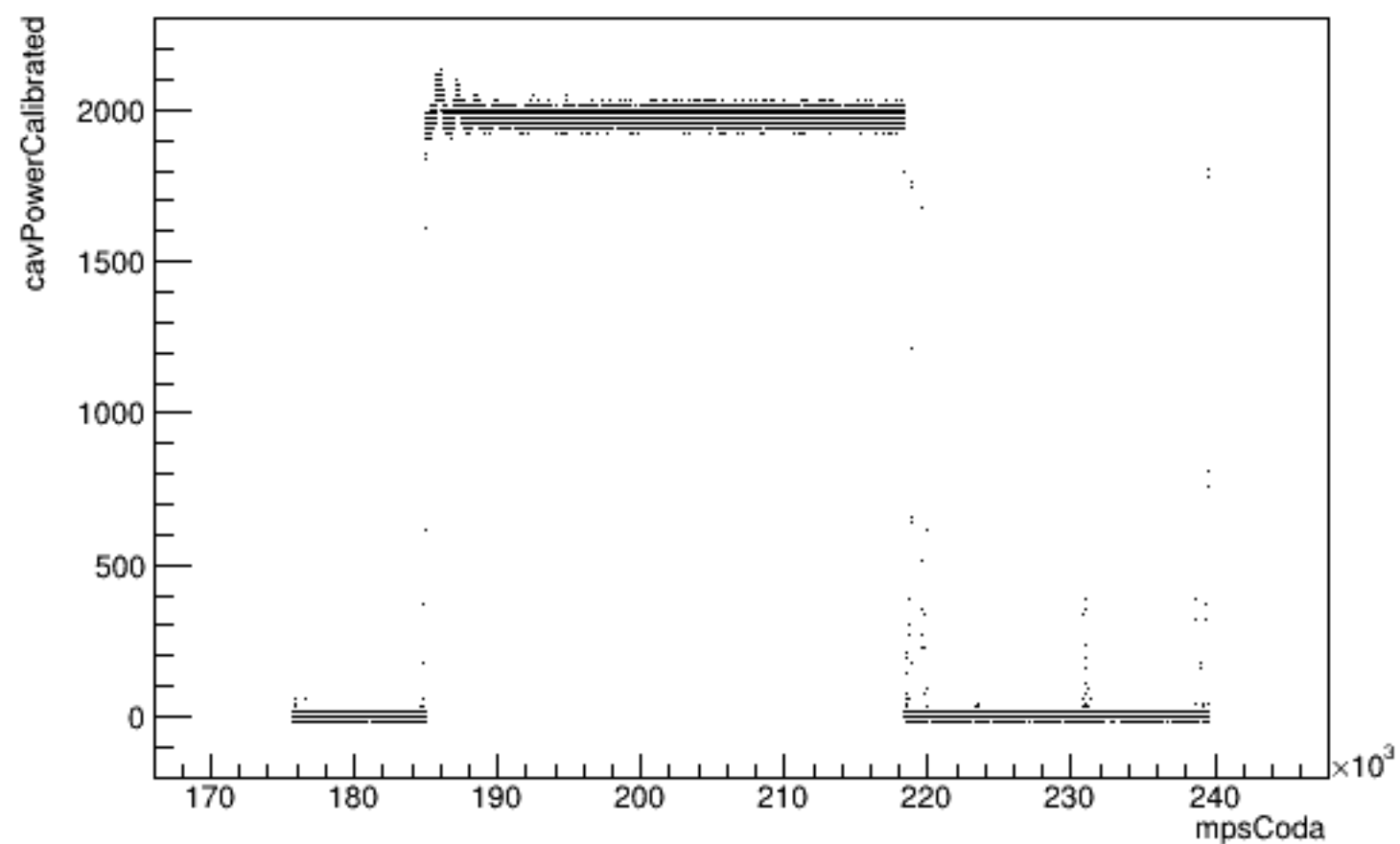
laserState:mpsCoda {mpsCoda>=175657 && mpsCoda<=239592}



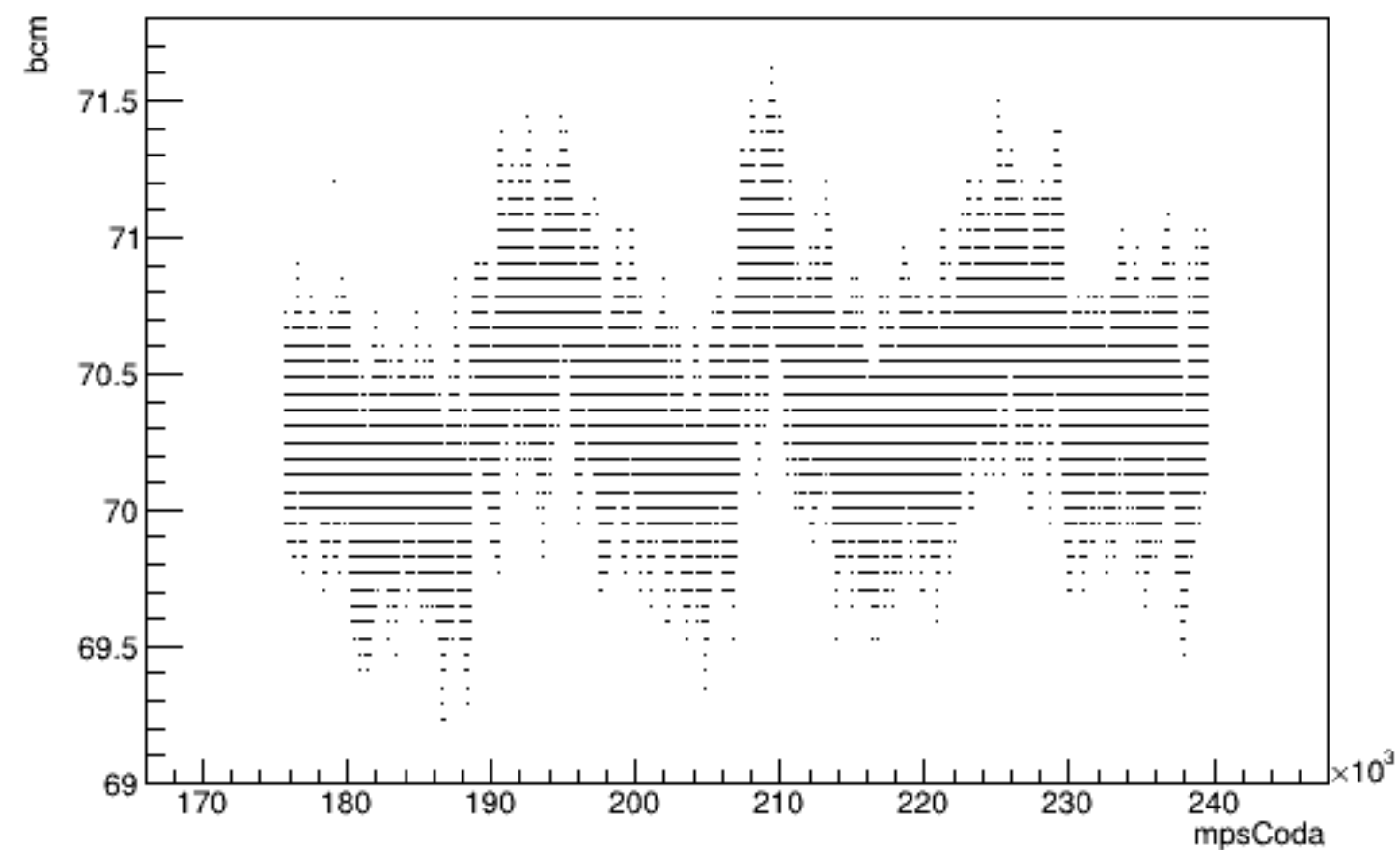
beamState + 1:mpsCoda {mpsCoda>=175657 && mpsCoda<=239592}



cavPowerCalibrated:mpsCoda {mpsCoda>=175657 && mpsCoda<=239592}



bcm:mpsCoda {mpsCoda>=175657 && mpsCoda<=239592}



Cycle 6, Diffs

Entries: 2606

Mean: 0.0218 +/- 0.0069

Std Dev: 0.3523 +/- 0.0049

Entries: 4633

Mean: -0.0542 +/- 0.0058

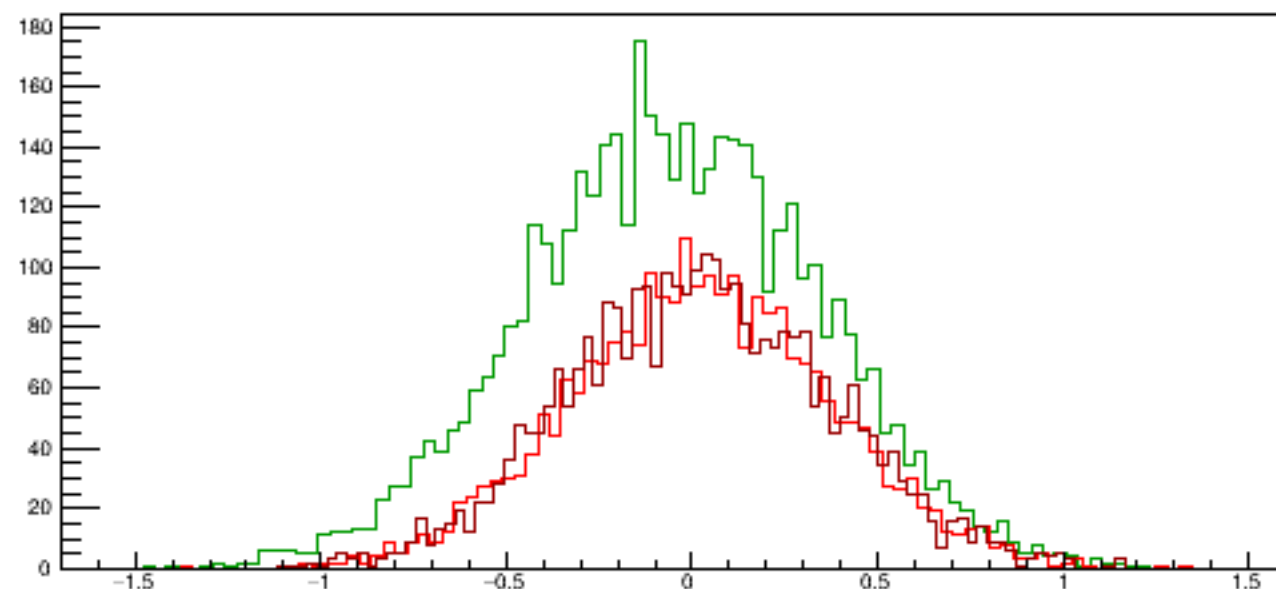
Std Dev: 0.3943 +/- 0.0041

Entries: 3210

Mean: 0.0192 +/- 0.0062

Std Dev: 0.3540 +/- 0.0044

Run 4469 quartetwise, Diffs



Cycle 6, Sums

Entries: 2606

Mean: 15.8756 +/- 0.0171

Std Dev: 0.8736 +/- 0.0121

Entries: 4633

Mean: 21.3963 +/- 0.0095

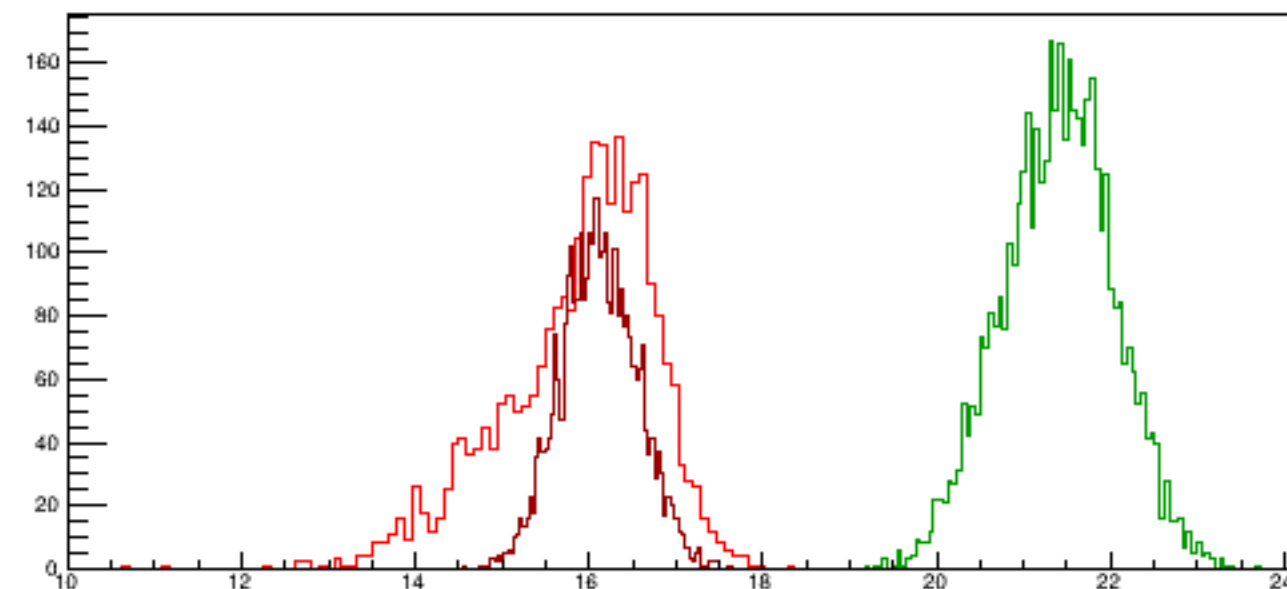
Std Dev: 0.6450 +/- 0.0067

Entries: 3210

Mean: 16.1092 +/- 0.0078

Std Dev: 0.4426 +/- 0.0055

Run 4469 quartetwise, Sums



Cycle 6, Asyms

Entries: 2606

Mean: 0.0040 +/- 0.0013

Std Dev: 0.0652 +/- 0.0009

Entries: 4633

Mean: -0.0101 +/- 0.0011

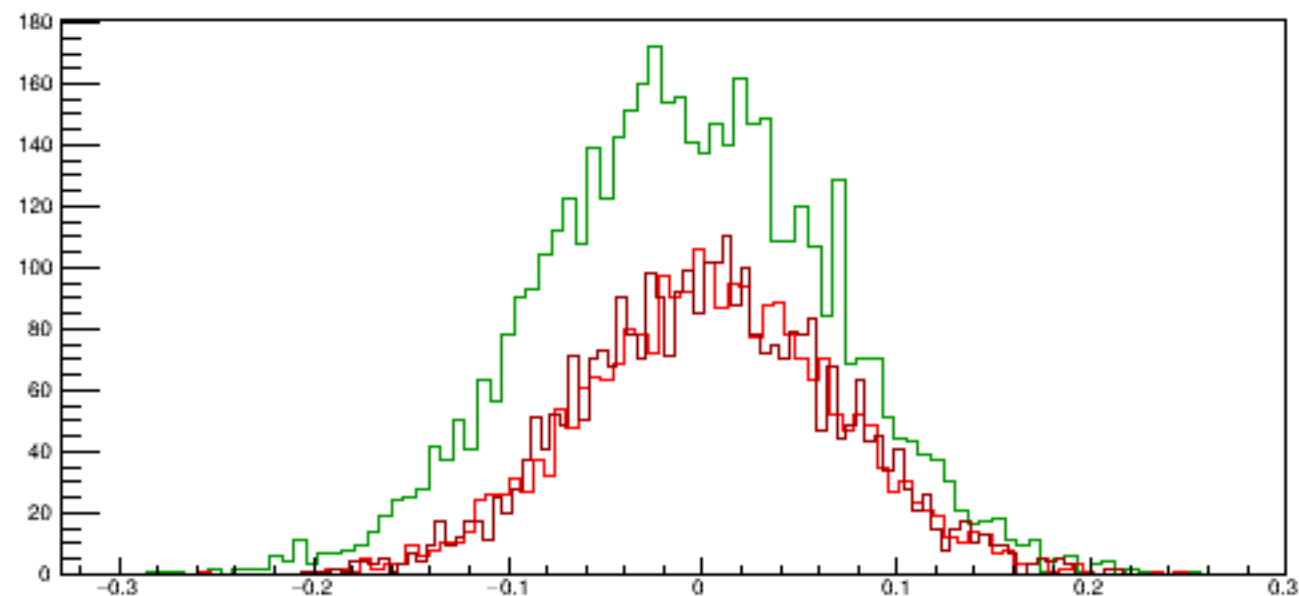
Std Dev: 0.0741 +/- 0.0008

Entries: 3210

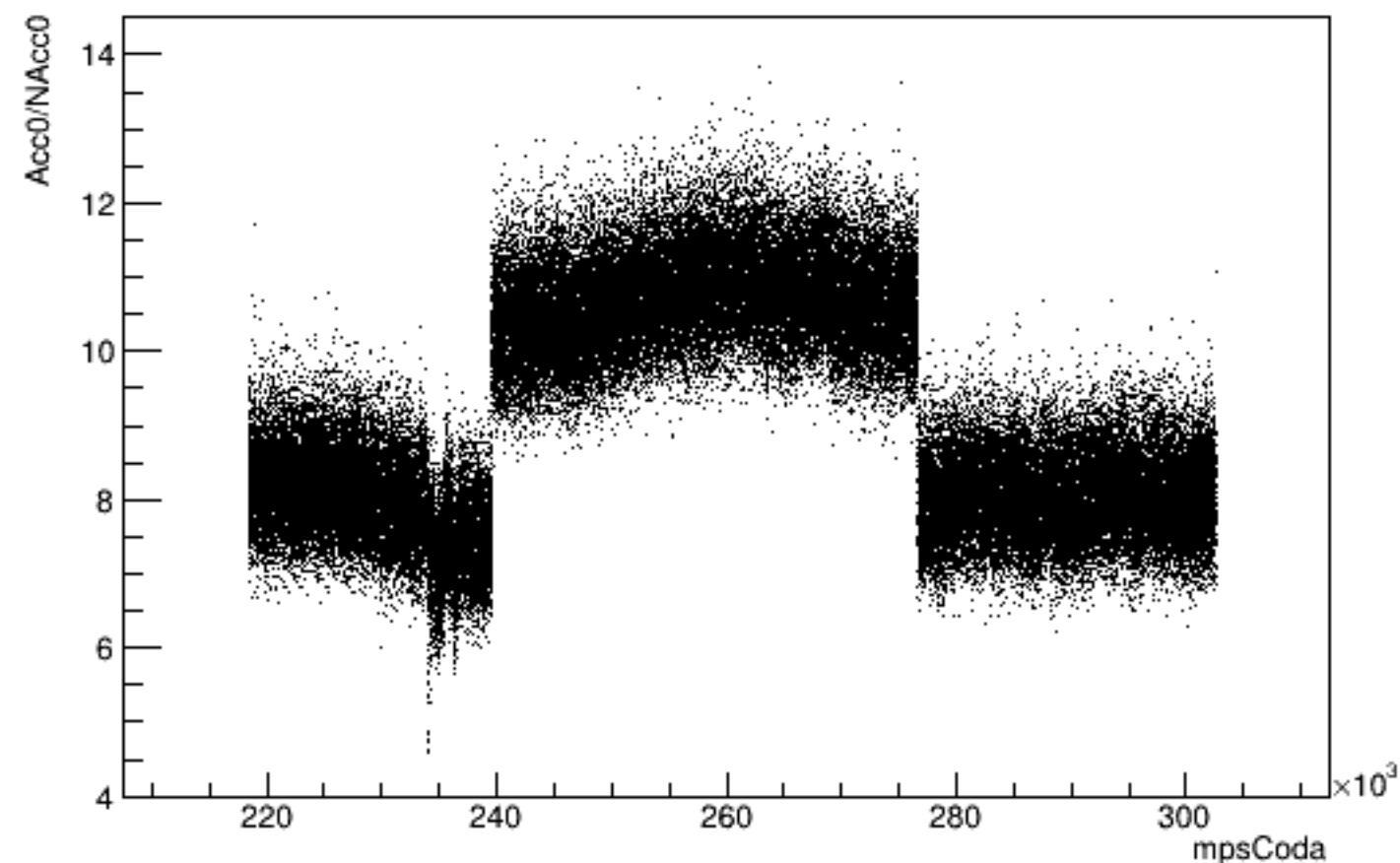
Mean: 0.0035 +/- 0.0012

Std Dev: 0.0655 +/- 0.0008

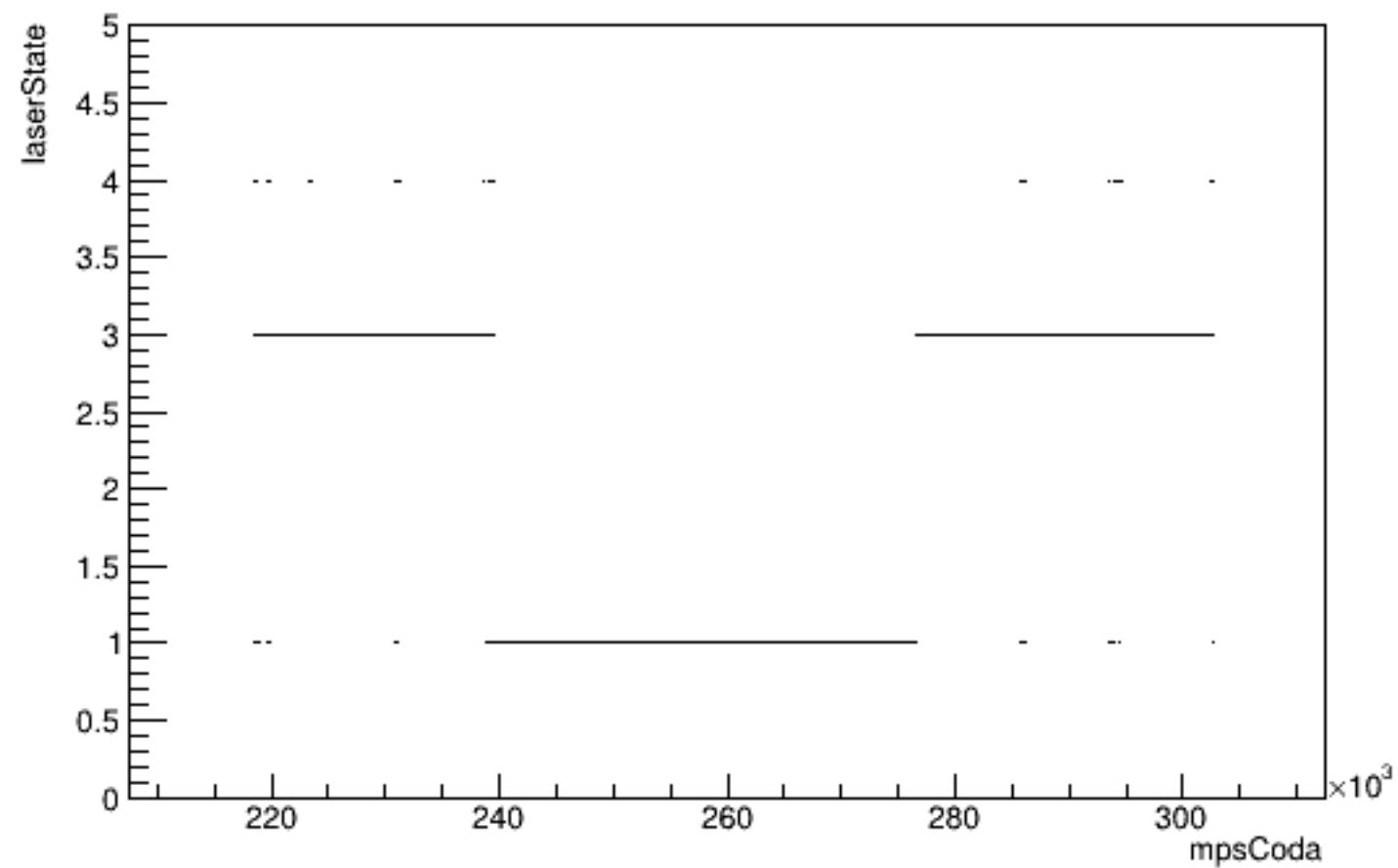
Run 4469 quartetwise, Asyms



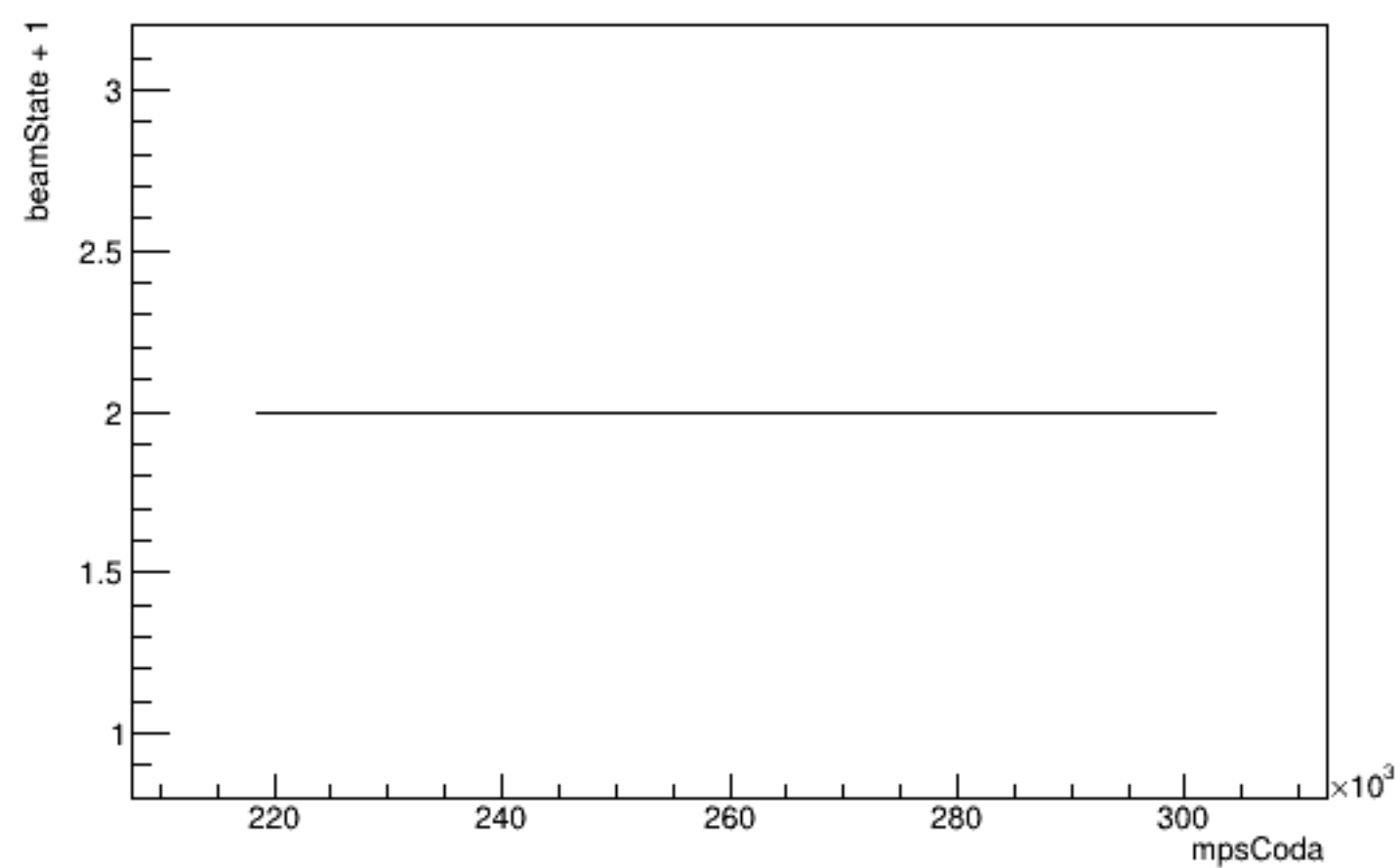
Acc0/NAcc0:mpsCoda (mpsCoda>=218401 && mpsCoda<=302576 && beamState==1)



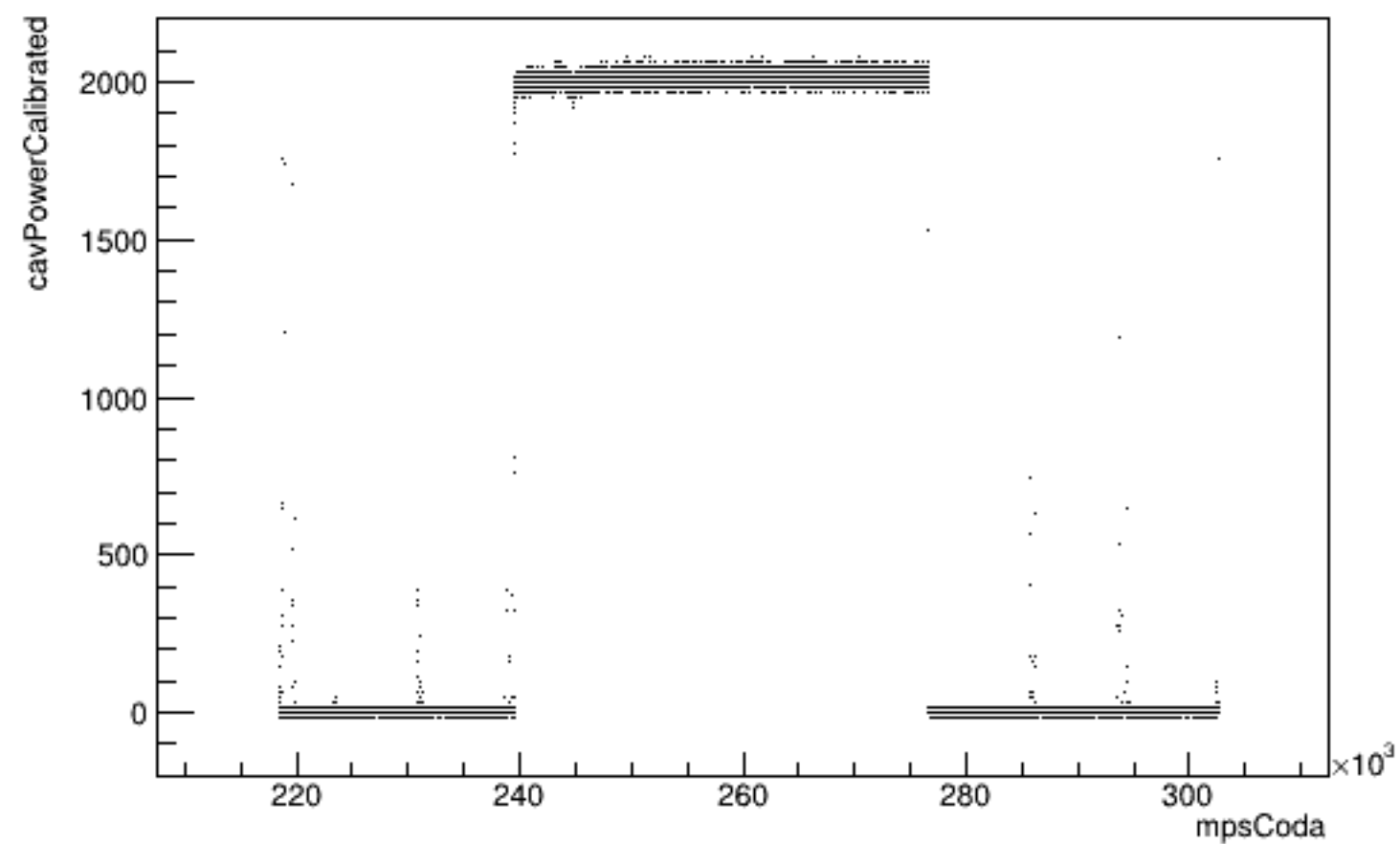
laserState:mpsCoda {mpsCoda>=218401 && mpsCoda<=302576}



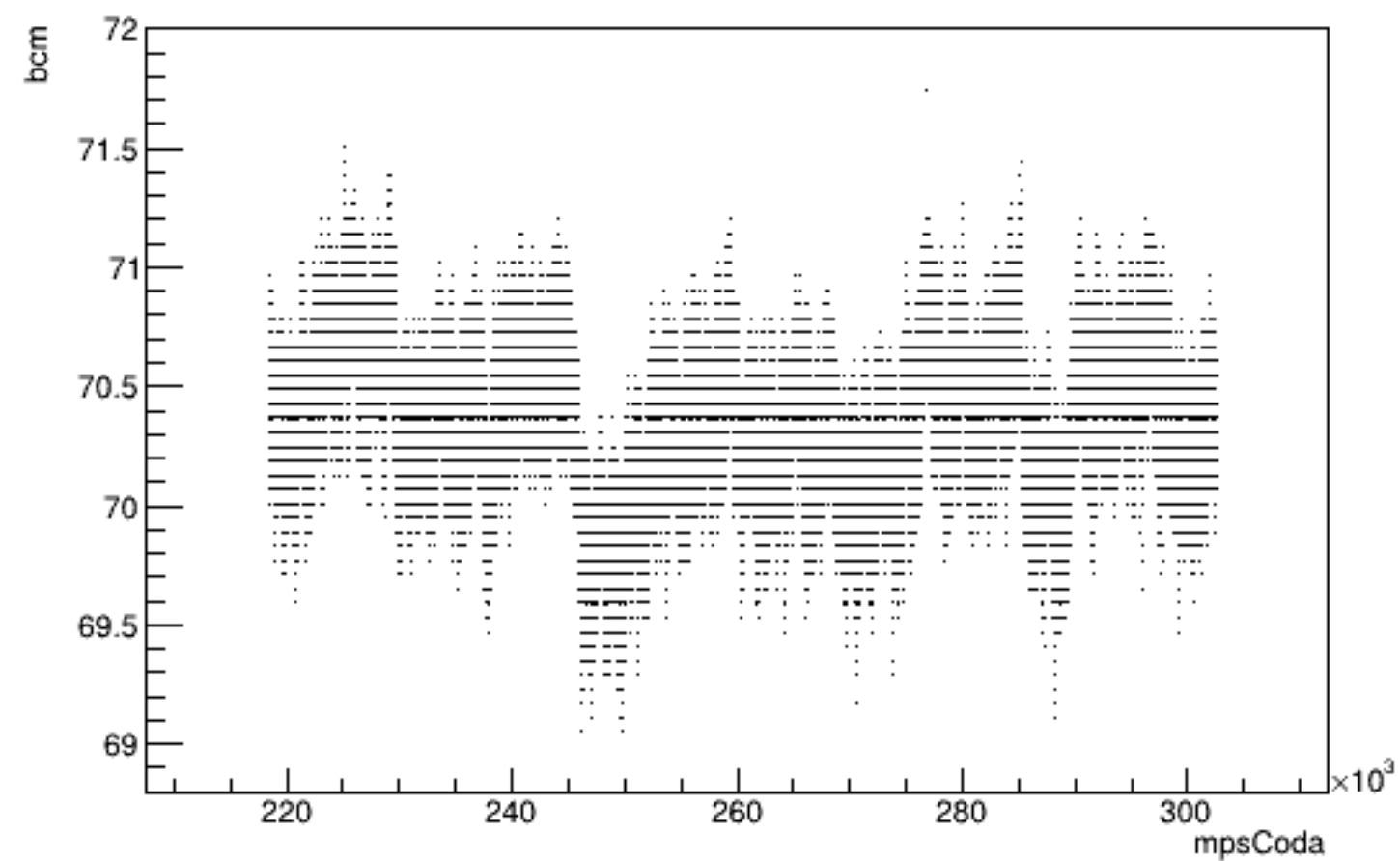
beamState + 1:mpsCoda {mpsCoda>=218401 && mpsCoda<=302576}



cavPowerCalibrated:mpsCoda {mpsCoda>=218401 && mpsCoda<=302576}



bcm:mpsCoda {mpsCoda>=218401 && mpsCoda<=302576}



Cycle 7, Diffs

Entries: 3210

Mean: 0.0192 +/- 0.0062

Std Dev: 0.3540 +/- 0.0044

Entries: 4649

Mean: -0.0731 +/- 0.0057

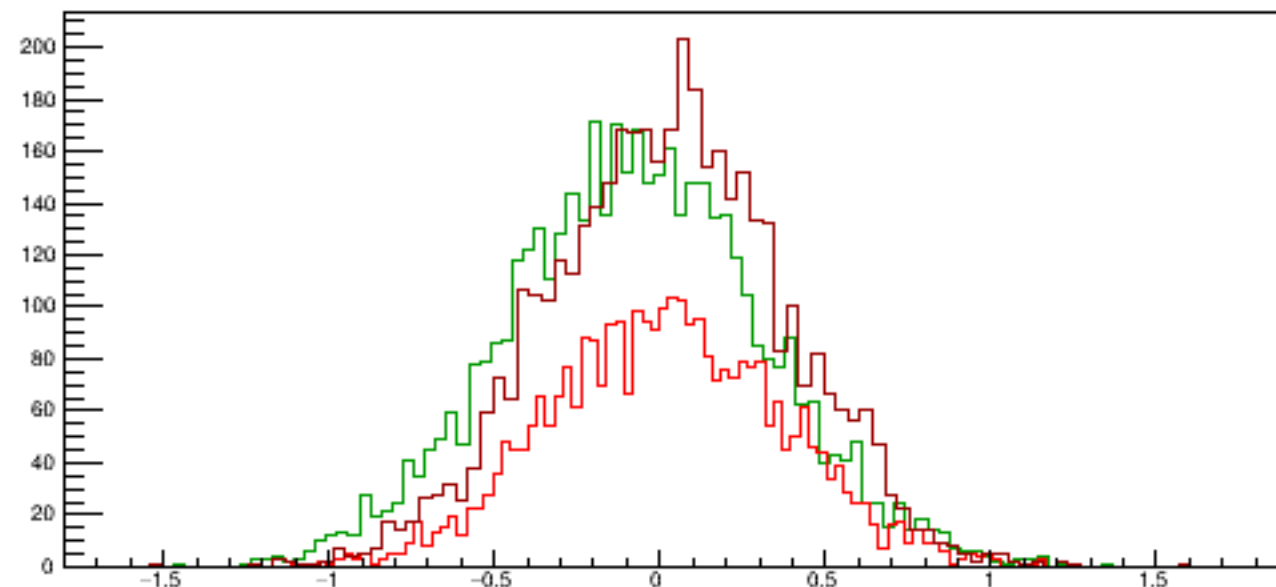
Std Dev: 0.3889 +/- 0.0040

Entries: 4227

Mean: 0.0197 +/- 0.0055

Std Dev: 0.3596 +/- 0.0039

Run 4469 quartetwise, Diffs



Cycle 7, Sums

Entries: 3210

Mean: 16.1092 +/- 0.0078

Std Dev: 0.4426 +/- 0.0055

Entries: 4649

Mean: 21.6072 +/- 0.0076

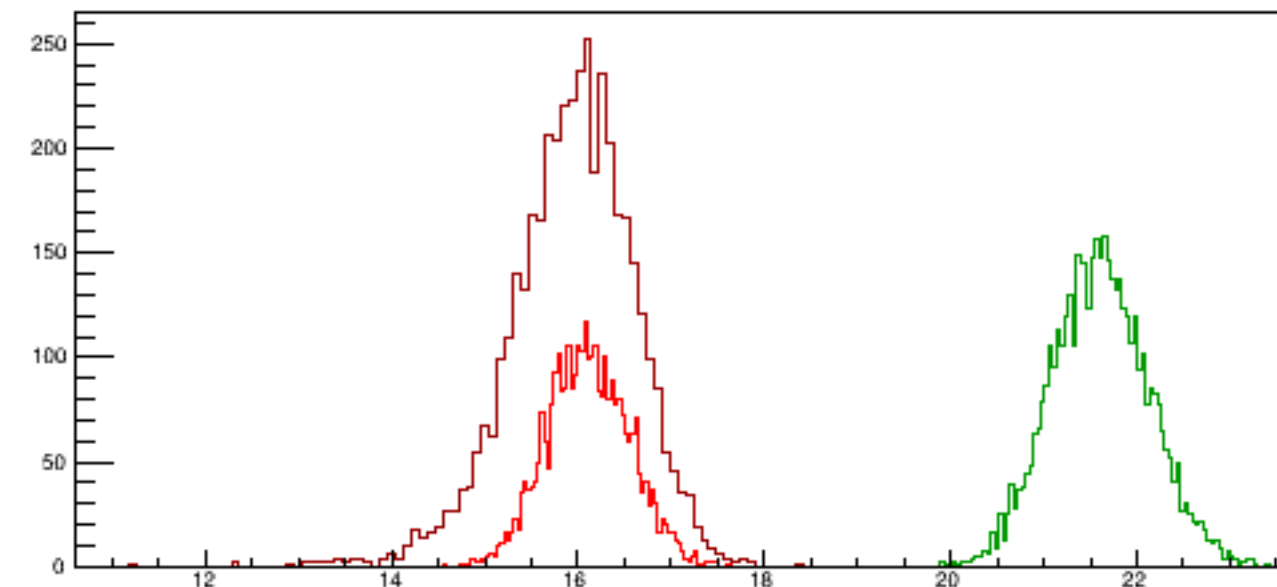
Std Dev: 0.5196 +/- 0.0054

Entries: 4227

Mean: 15.9387 +/- 0.0102

Std Dev: 0.6603 +/- 0.0072

Run 4469 quartetwise, Sums



Cycle 7, Asyms

Entries: 3210

Mean: 0.0034 +/- 0.0011

Std Dev: 0.0634 +/- 0.0008

Entries: 4649

Mean: -0.0133 +/- 0.0010

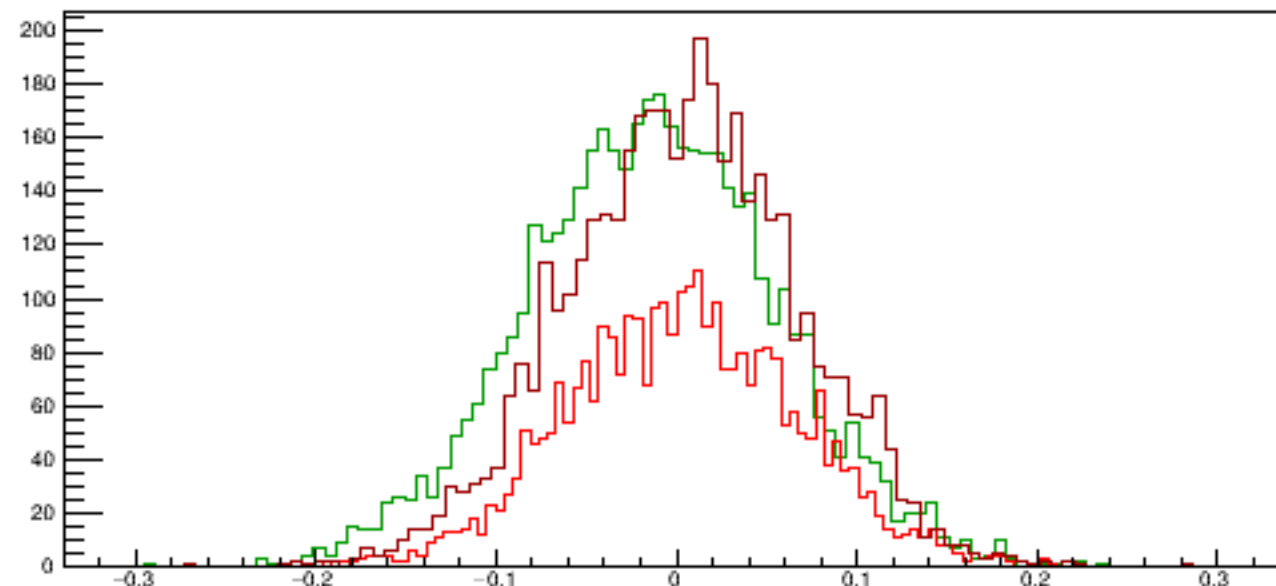
Std Dev: 0.0700 +/- 0.0007

Entries: 4227

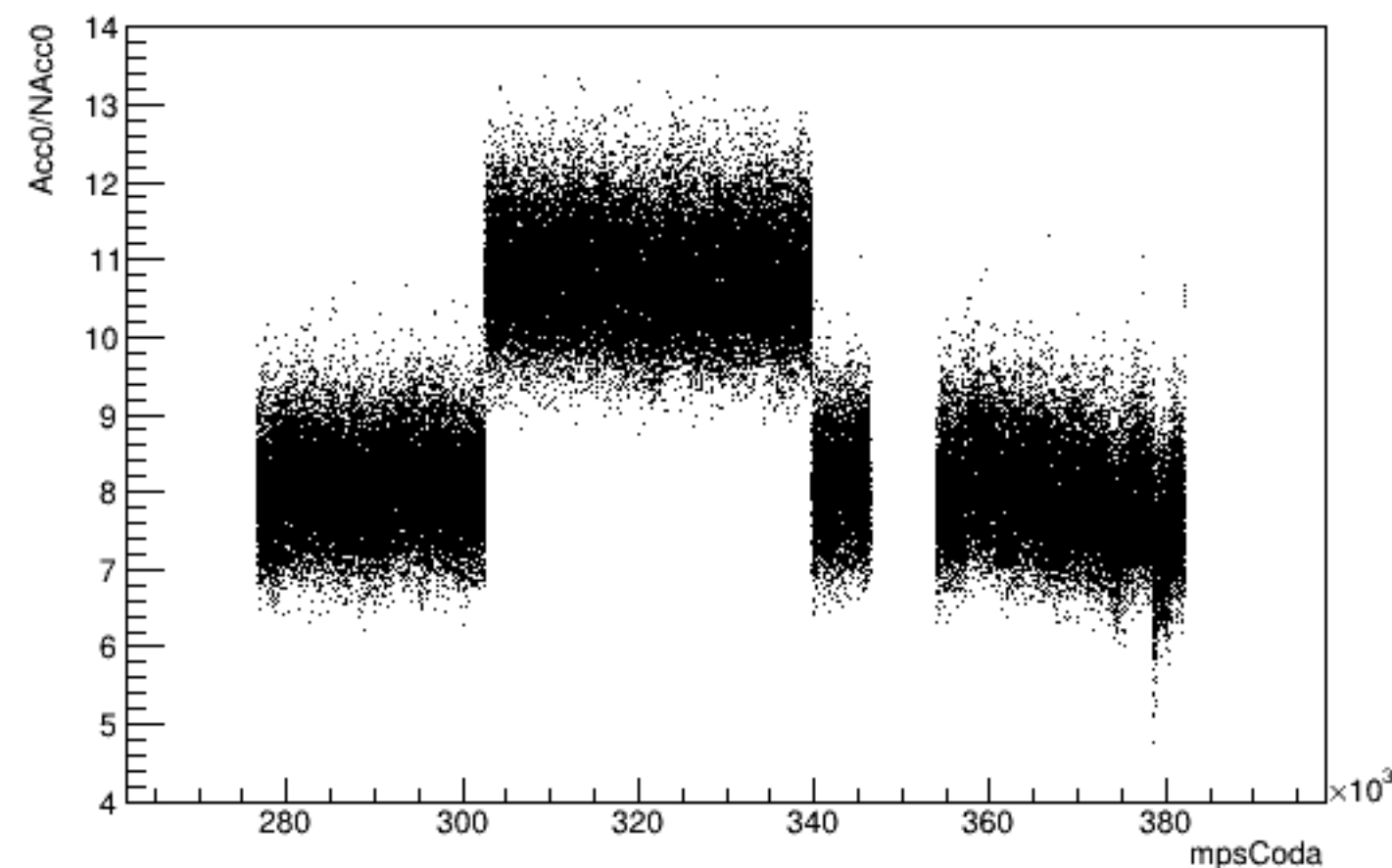
Mean: 0.0035 +/- 0.0010

Std Dev: 0.0644 +/- 0.0007

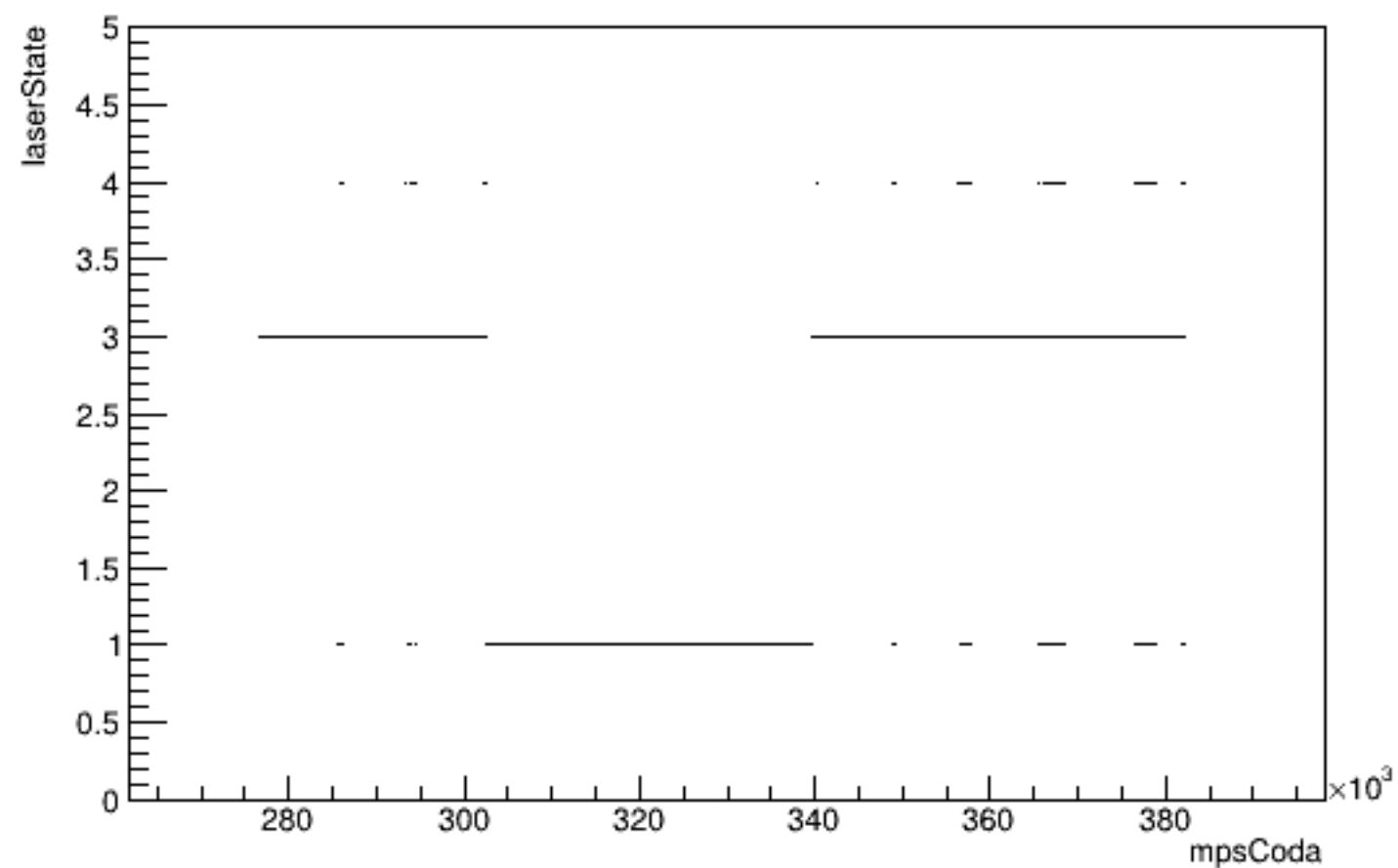
Run 4469 quartetwise, Asyms



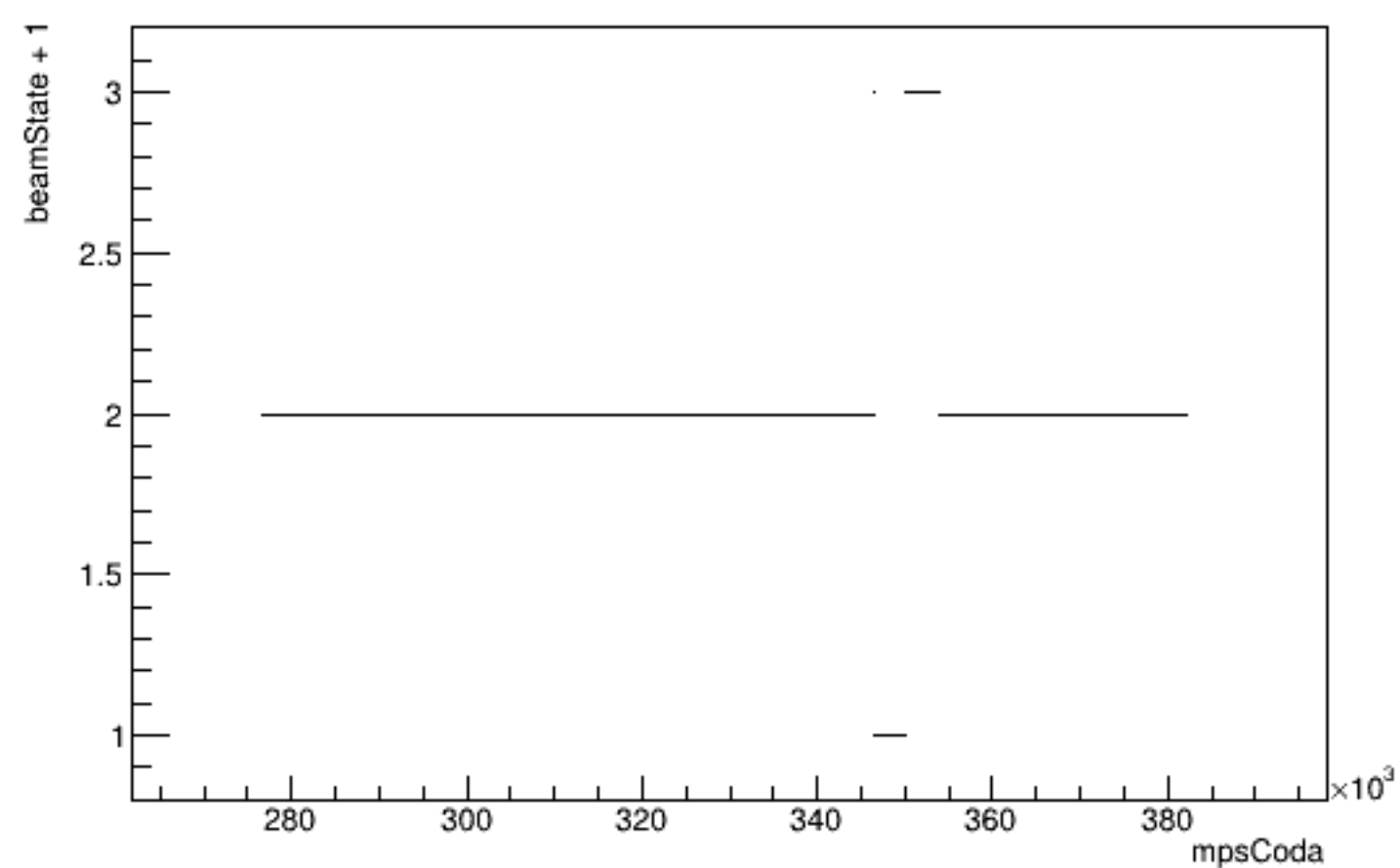
Acc0/NAcc0:mpsCoda (mpsCoda>=276665 && mpsCoda<=382128 && beamState==1)



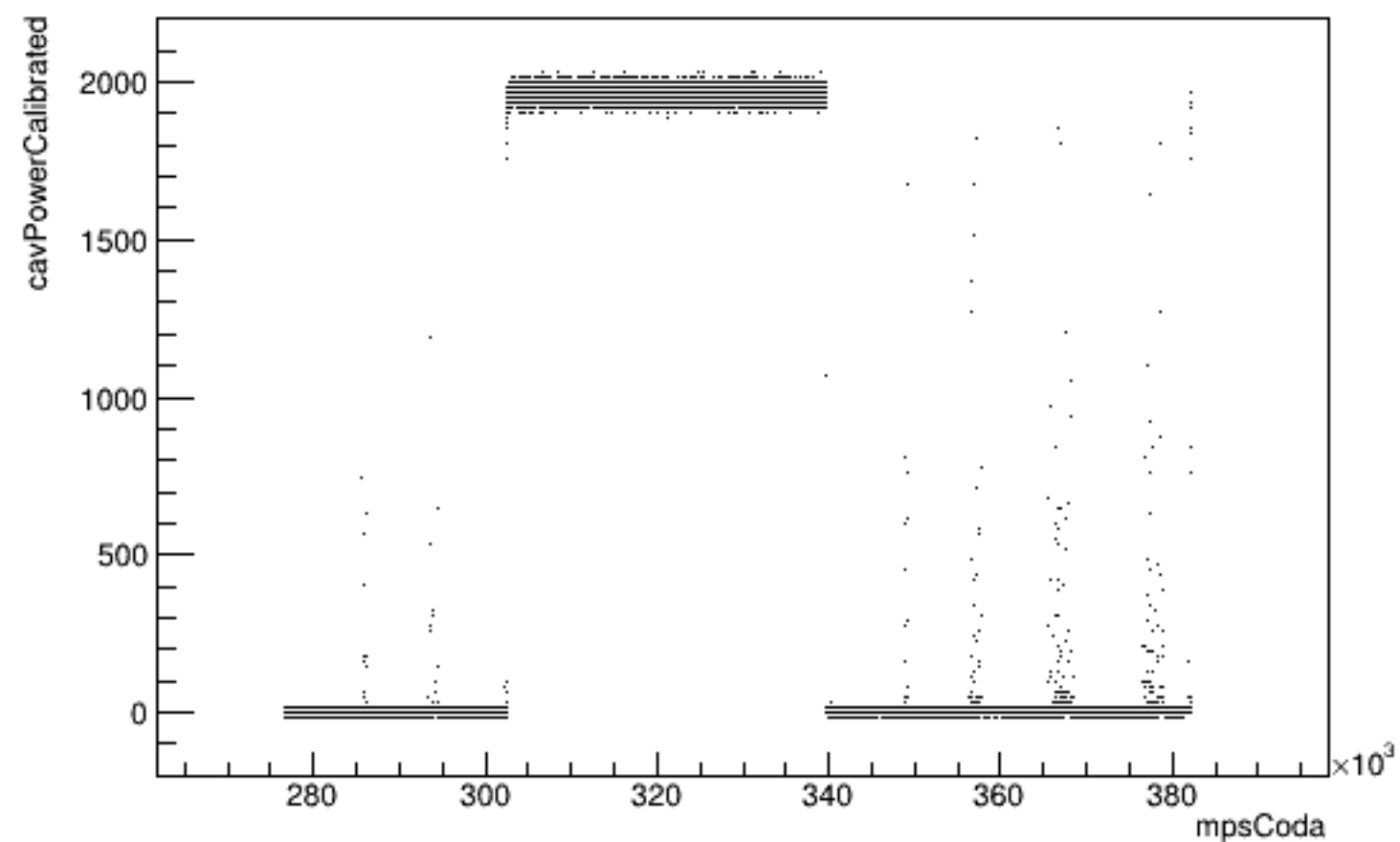
laserState:mpsCoda {mpsCoda>=276665 && mpsCoda<=382128}



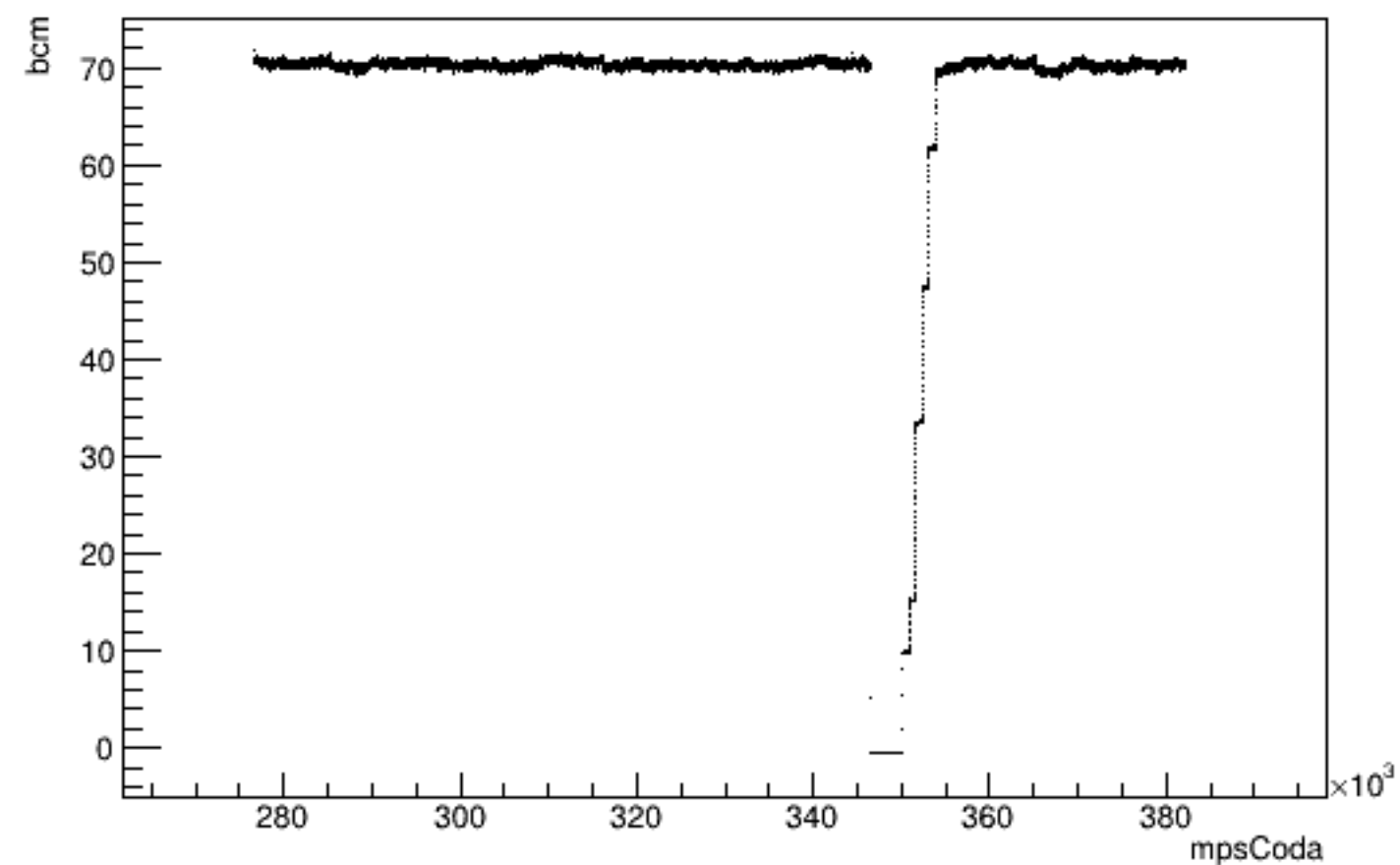
beamState + 1:mpsCoda {mpsCoda>=276665 && mpsCoda<=382128}



cavPowerCalibrated:mpsCoda {mpsCoda>=276665 && mpsCoda<=382128}



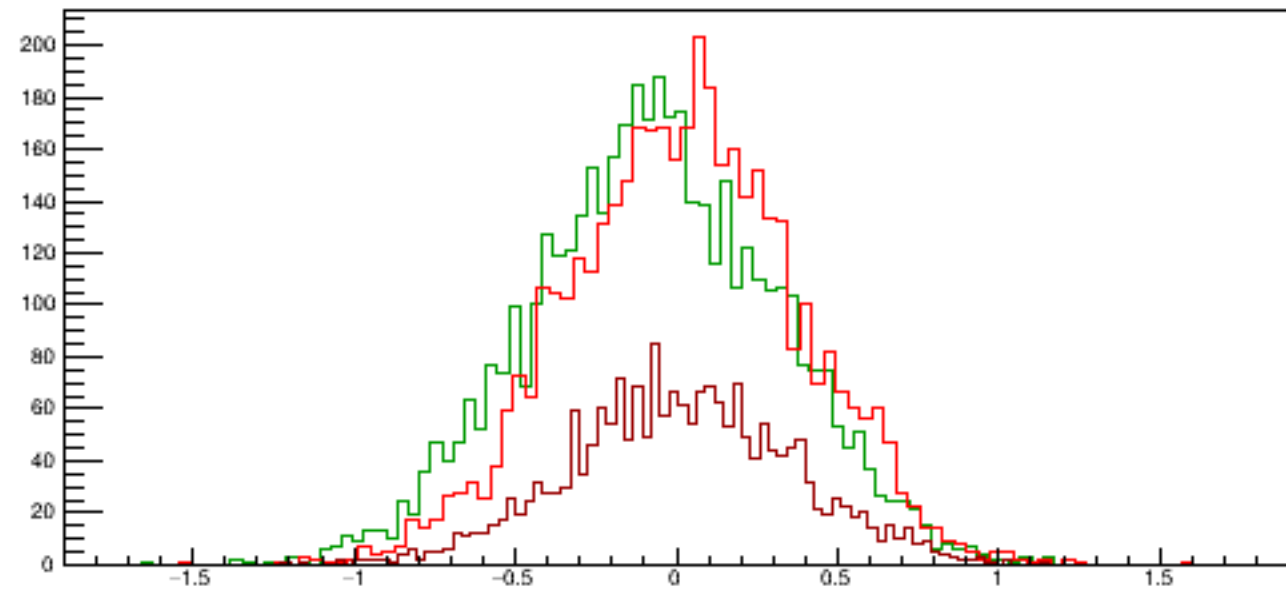
bcm:mpsCoda {mpsCoda>=276665 && mpsCoda<=382128}



Cycle 8, Diffs

Entries: 4227	Entries: 4601	Entries: 2029
Mean: 0.0197 +/- 0.0055	Mean: -0.0704 +/- 0.0056	Mean: 0.0129 +/- 0.0077
Std Dev: 0.3596 +/- 0.0039	Std Dev: 0.3818 +/- 0.0040	Std Dev: 0.3479 +/- 0.0055

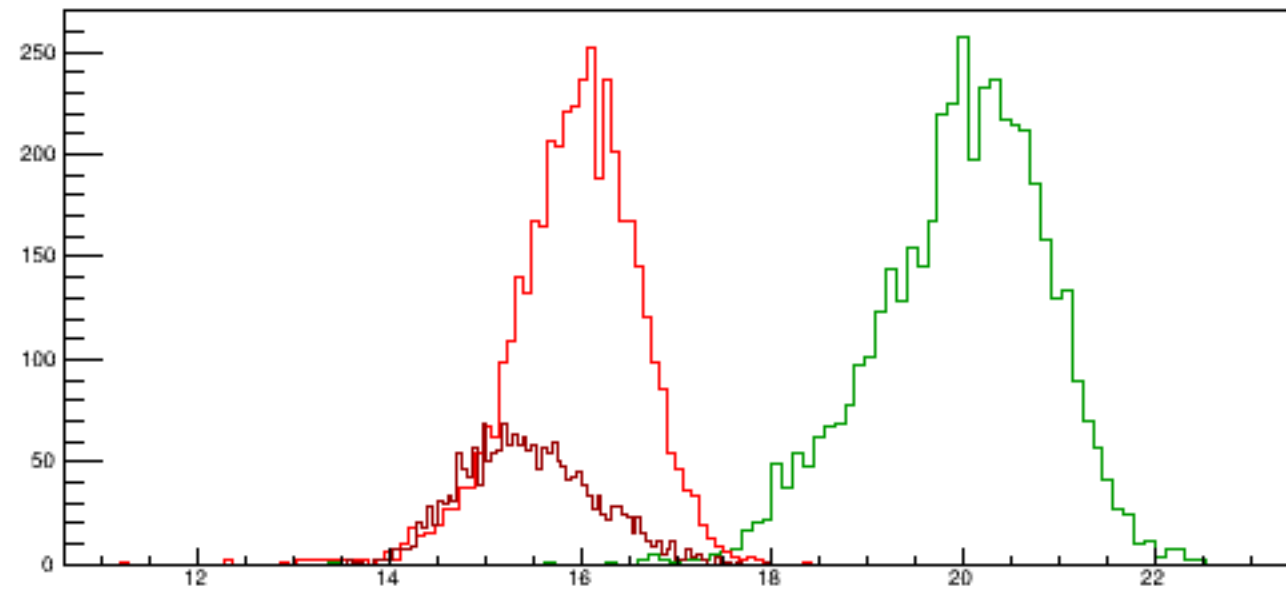
Run 4469 quartetwise, Diffs



Cycle 8, Sums

Entries: 4227	Entries: 4601	Entries: 2029
Mean: 15.9387 +/- 0.0102	Mean: 19.9658 +/- 0.0134	Mean: 15.4552 +/- 0.0151
Std Dev: 0.6603 +/- 0.0072	Std Dev: 0.9064 +/- 0.0094	Std Dev: 0.6804 +/- 0.0107

Run 4469 quartetwise, Sums

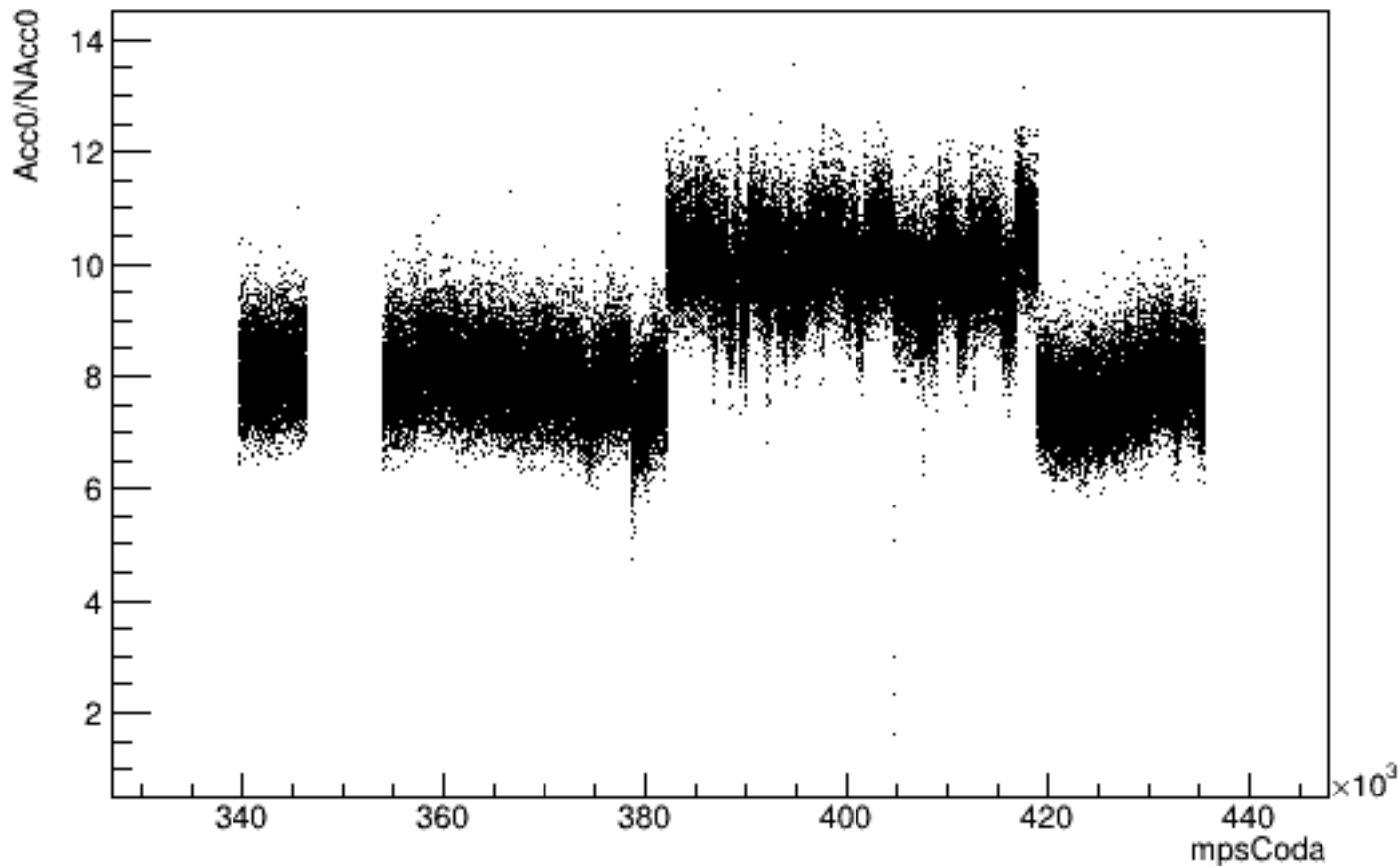
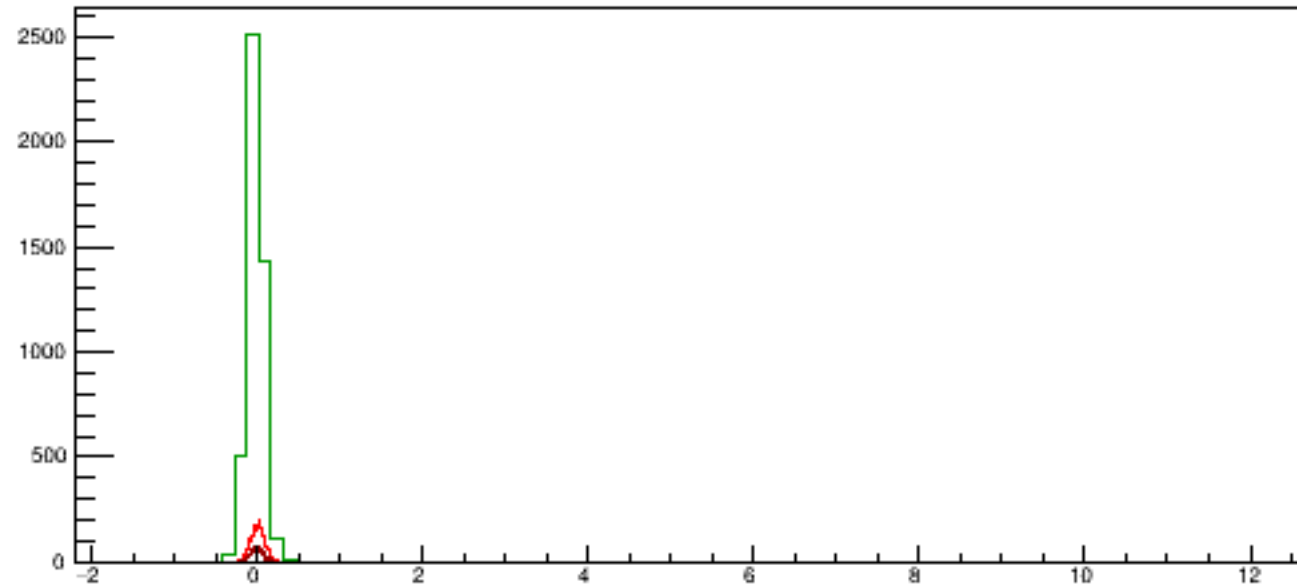


Acc0/NAcc0:mpsCoda (mpsCoda>=339777 && mpsCoda<=435608 && beamState==1)

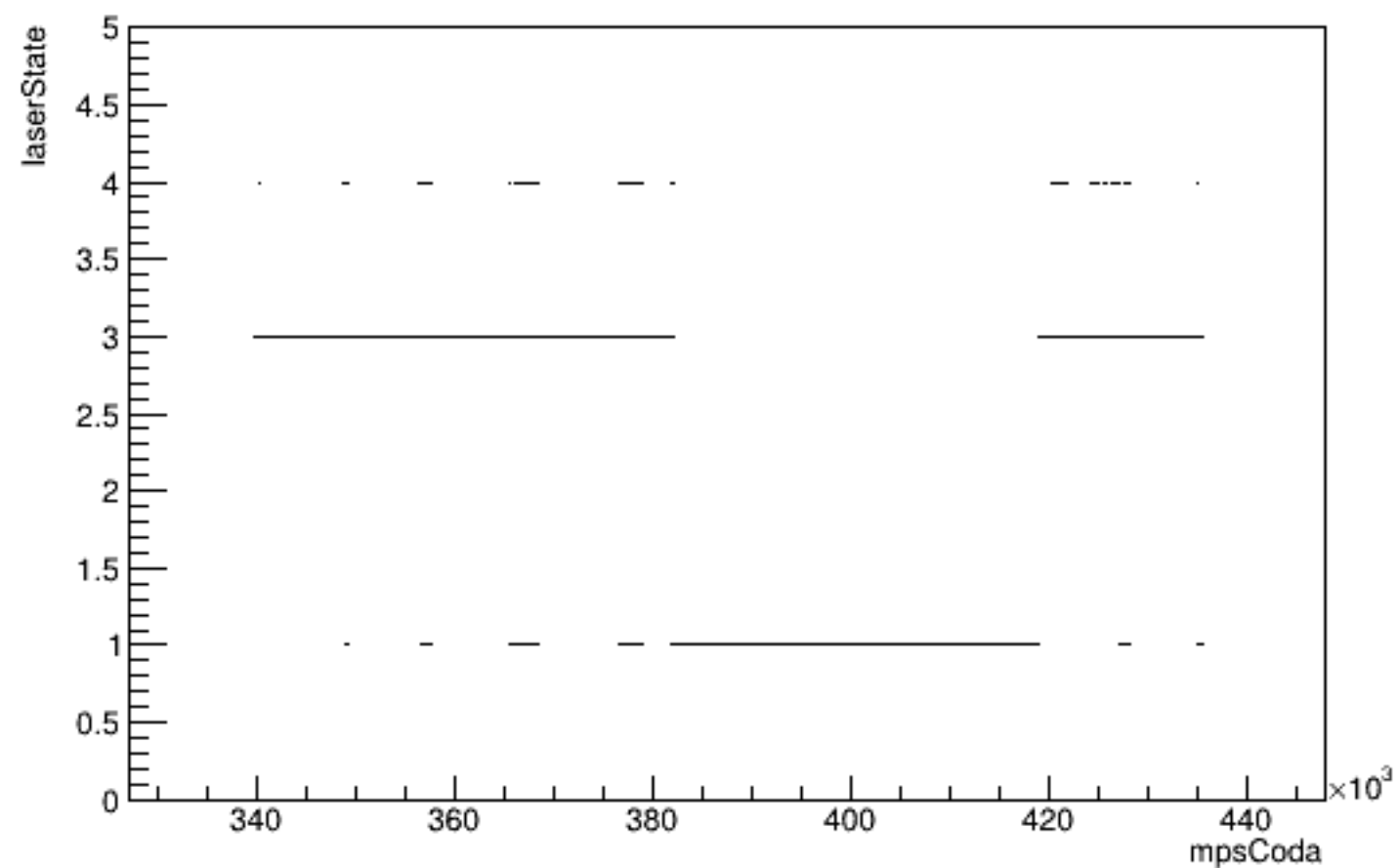
Cycle 8, Asyms

Entries: 4227	Entries: 4601	Entries: 2029
Mean: 0.0046 +/- 0.0013	Mean: -0.0148 +/- 0.0029	Mean: 0.0030 +/- 0.0018
Std Dev: 0.0842 +/- 0.0009	Std Dev: 0.1965 +/- 0.0020	Std Dev: 0.0815 +/- 0.0013

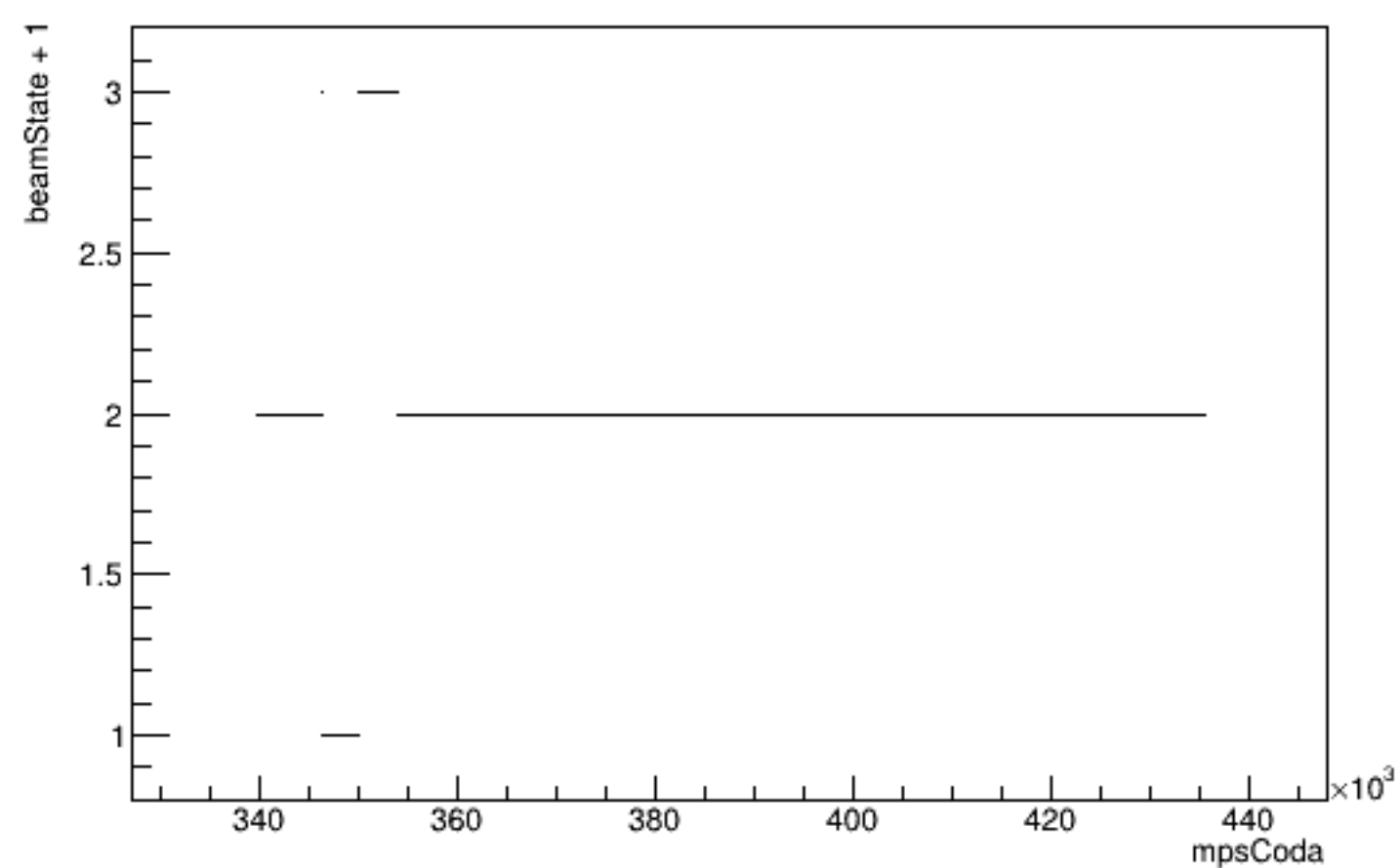
Run 4469 quartetwise, Asyms



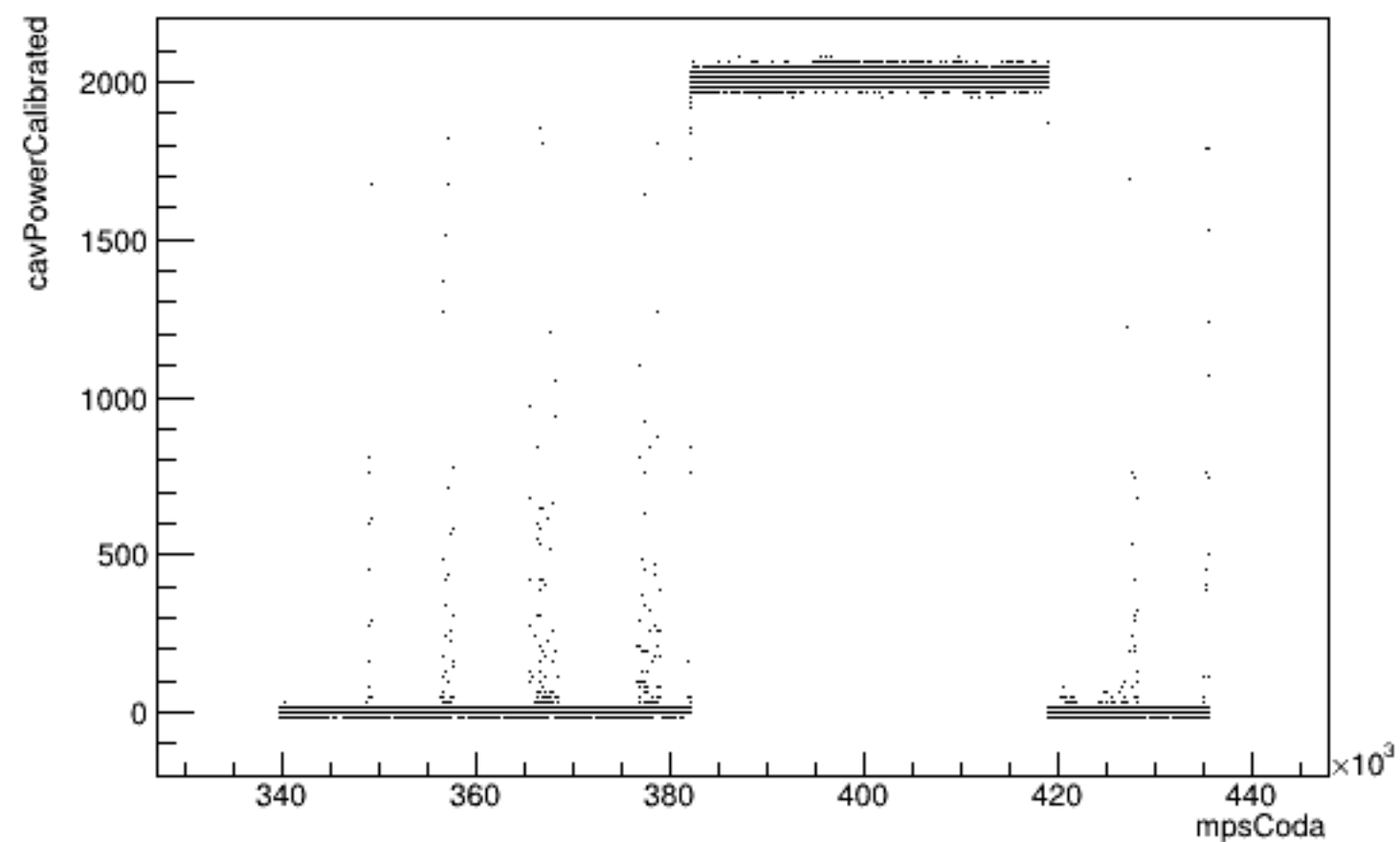
laserState:mpsCoda {mpsCoda>=339777 && mpsCoda<=435608}



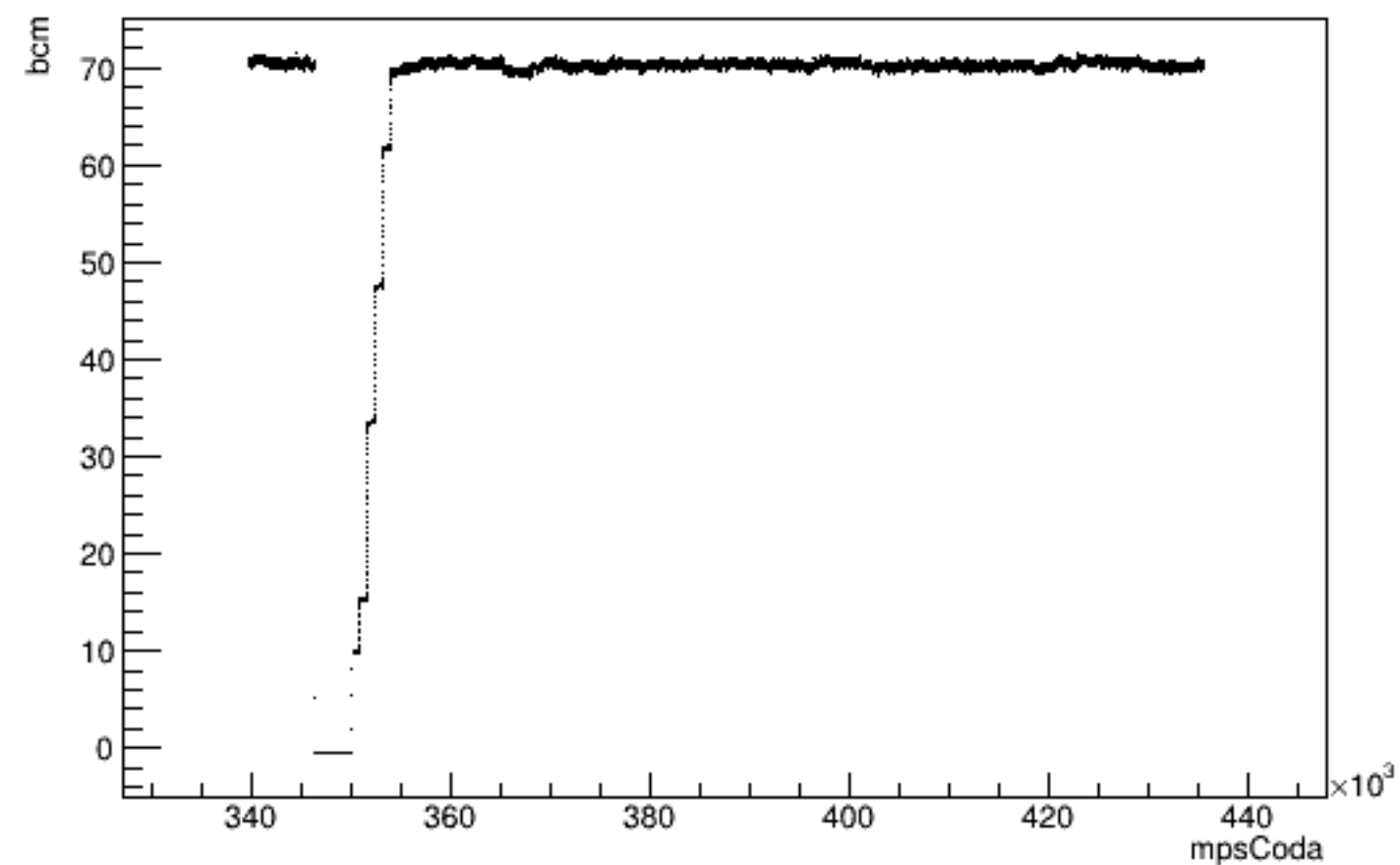
beamState + 1:mpsCoda {mpsCoda>=339777 && mpsCoda<=435608}



cavPowerCalibrated:mpsCoda {mpsCoda>=339777 && mpsCoda<=435608}



bcm:mpsCoda {mpsCoda>=339777 && mpsCoda<=435608}



Cycle 9, Diffs

Entries: 2029

Mean: 0.0129 +/- 0.0077

Std Dev: 0.3479 +/- 0.0055

Entries: 4592

Mean: -0.0606 +/- 0.0058

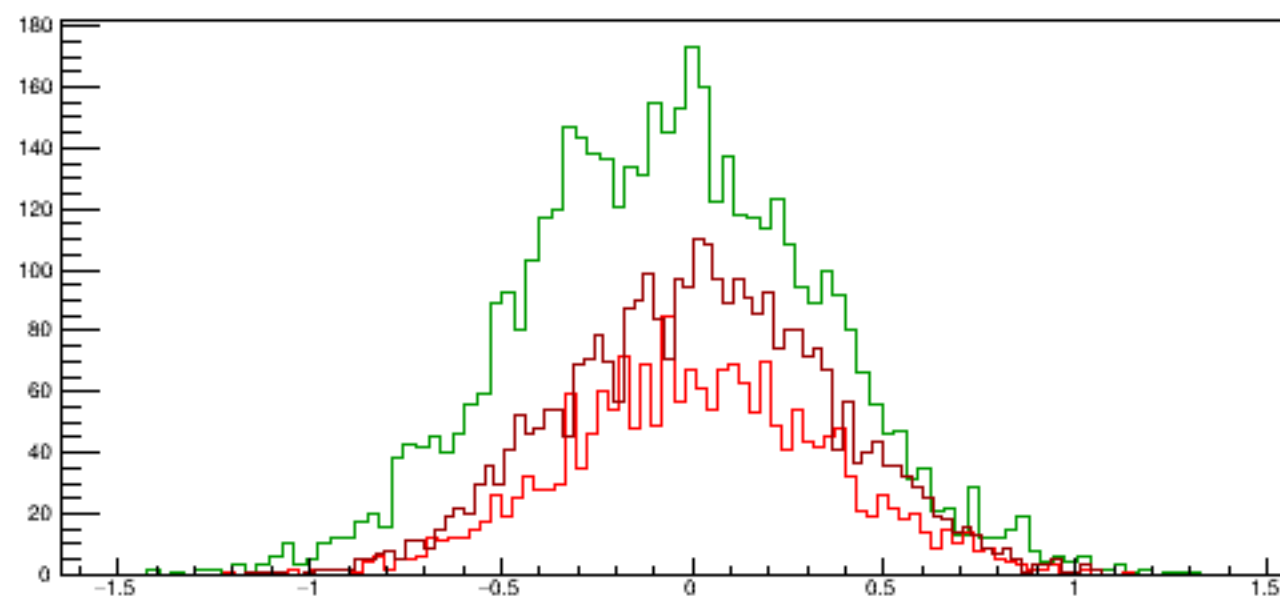
Std Dev: 0.3904 +/- 0.0041

Entries: 3278

Mean: 0.0157 +/- 0.0061

Std Dev: 0.3494 +/- 0.0043

Run 4469 quartetwise, Diffs



Cycle 9, Sums

Entries: 2029

Mean: 15.4552 +/- 0.0151

Std Dev: 0.6804 +/- 0.0107

Entries: 4592

Mean: 20.8685 +/- 0.0086

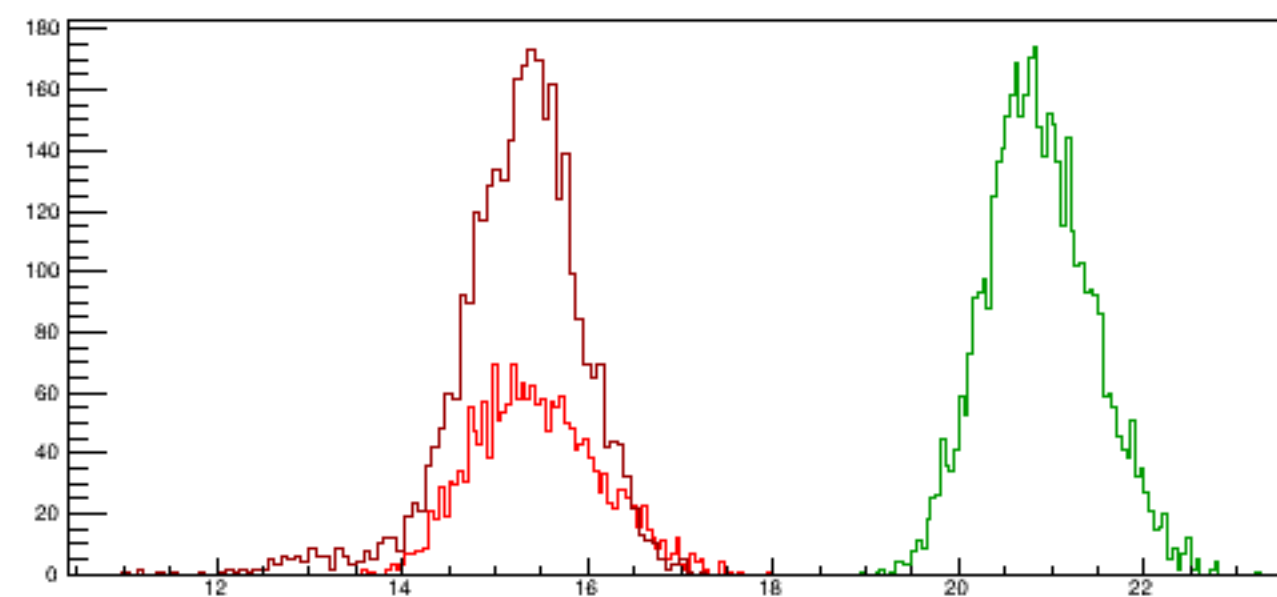
Std Dev: 0.5797 +/- 0.0060

Entries: 3278

Mean: 15.2491 +/- 0.0124

Std Dev: 0.7120 +/- 0.0088

Run 4469 quartetwise, Sums



Cycle 9, Asyms

Entries: 2029

Mean: 0.0023 +/- 0.0014

Std Dev: 0.0631 +/- 0.0010

Entries: 4592

Mean: -0.0110 +/- 0.0011

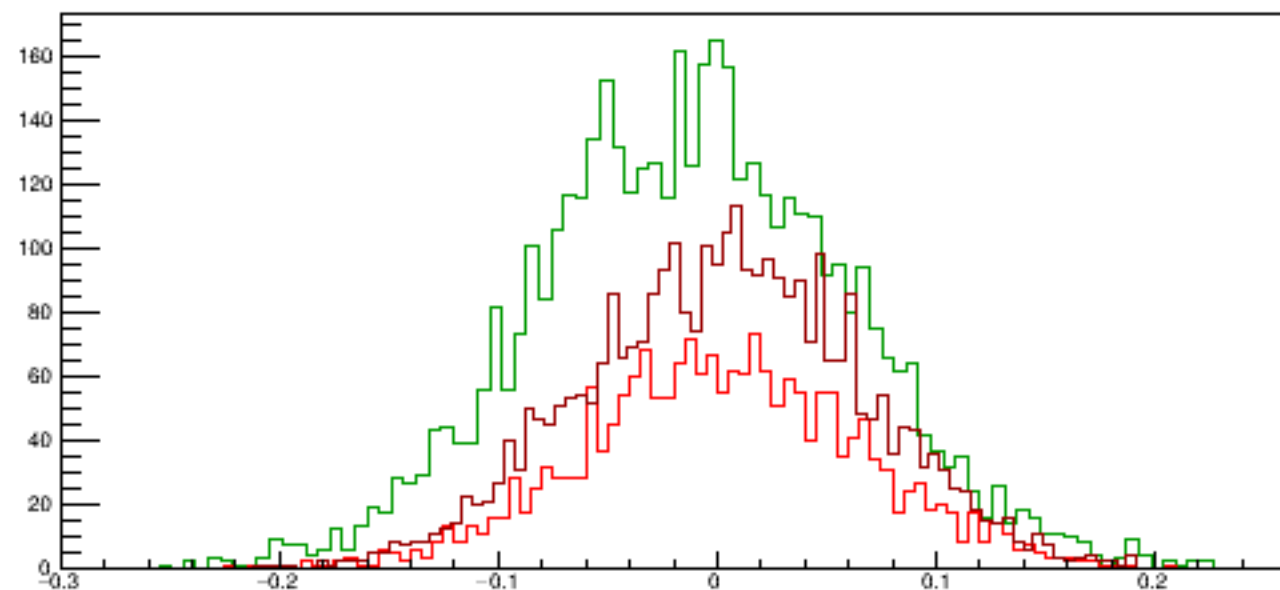
Std Dev: 0.0713 +/- 0.0007

Entries: 3278

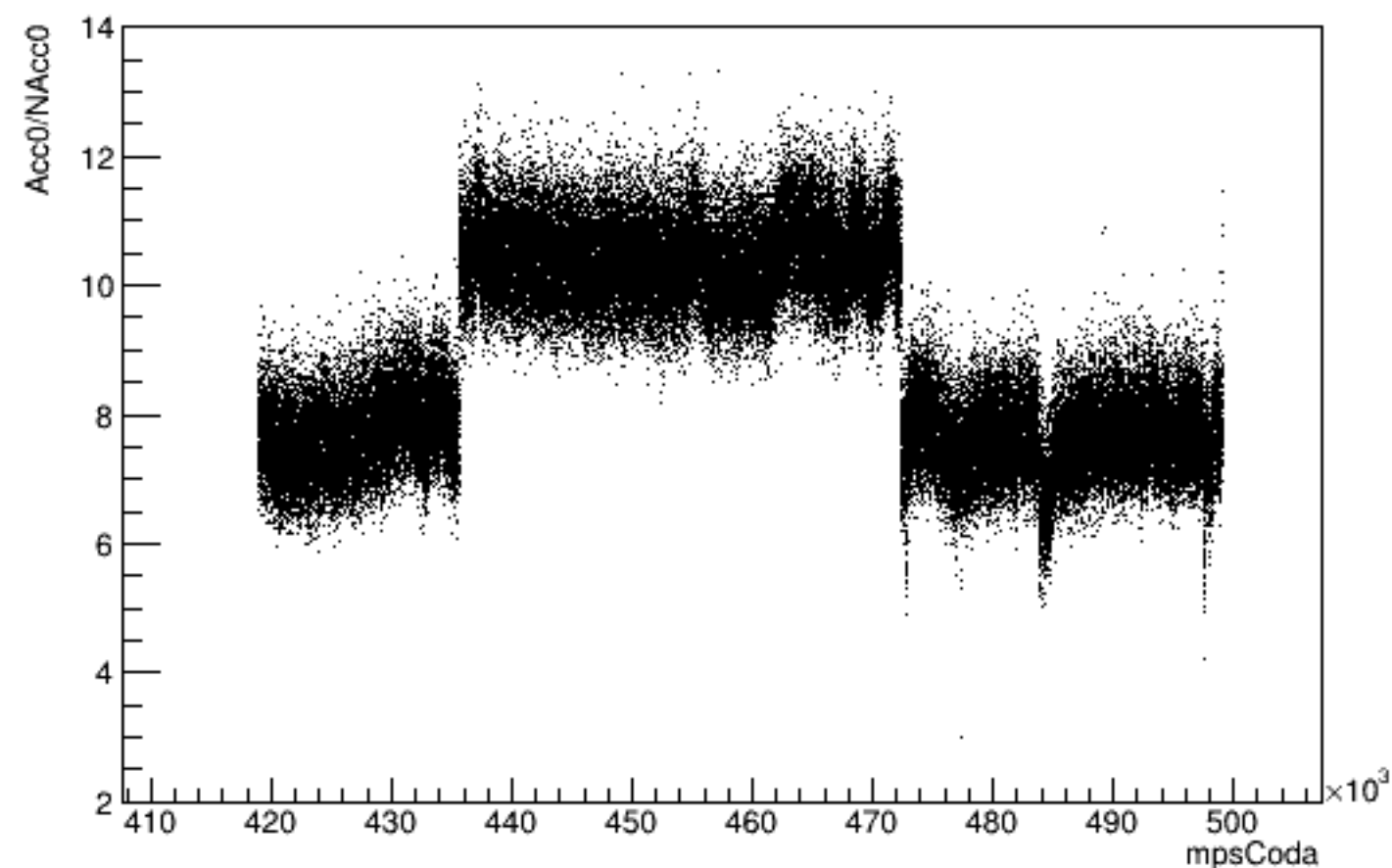
Mean: 0.0028 +/- 0.0011

Std Dev: 0.0633 +/- 0.0008

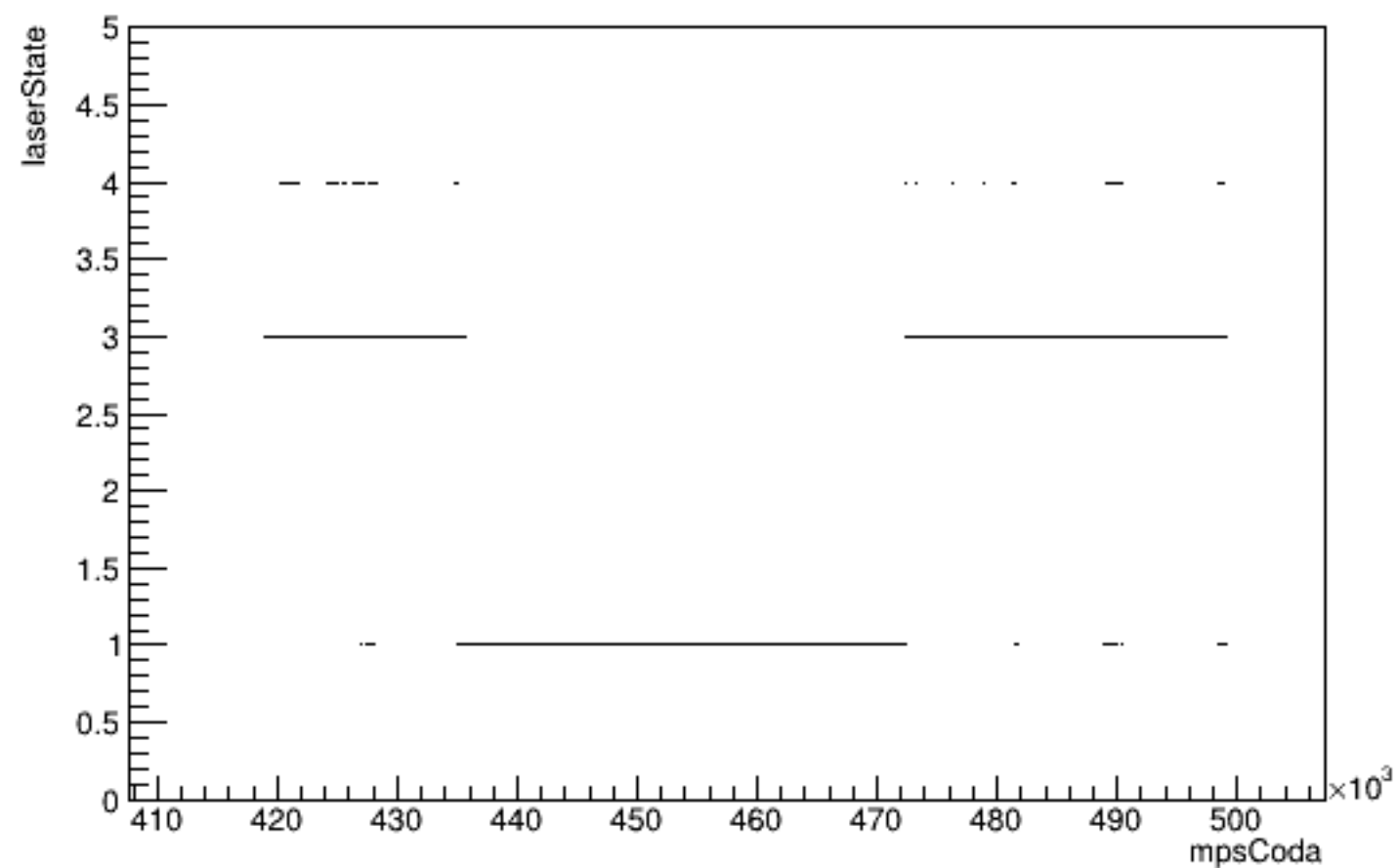
Run 4469 quartetwise, Asyms



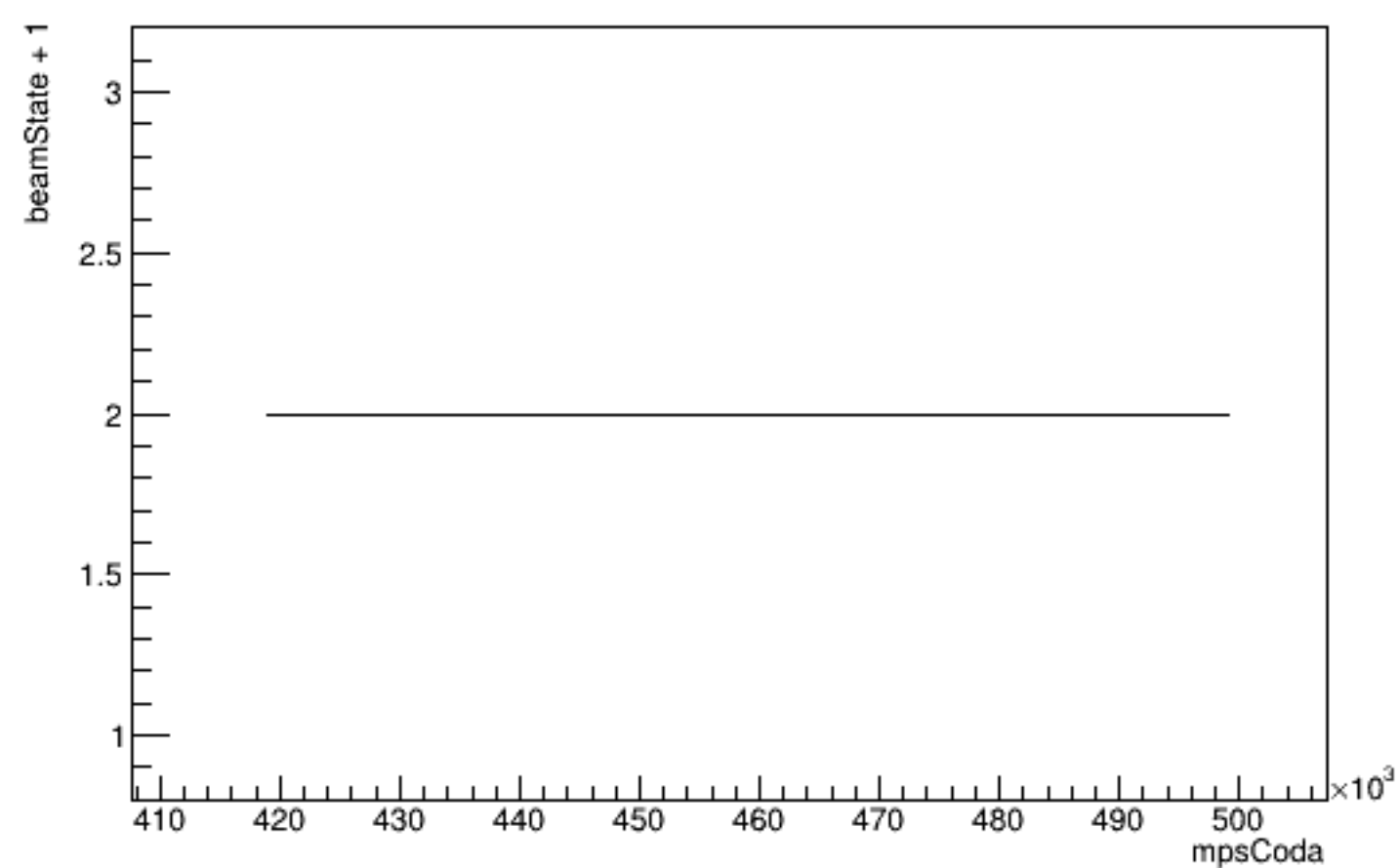
Acc0/NAcc0:mpsCoda (mpsCoda>=418945 && mpsCoda<=499056 && beamState==1)



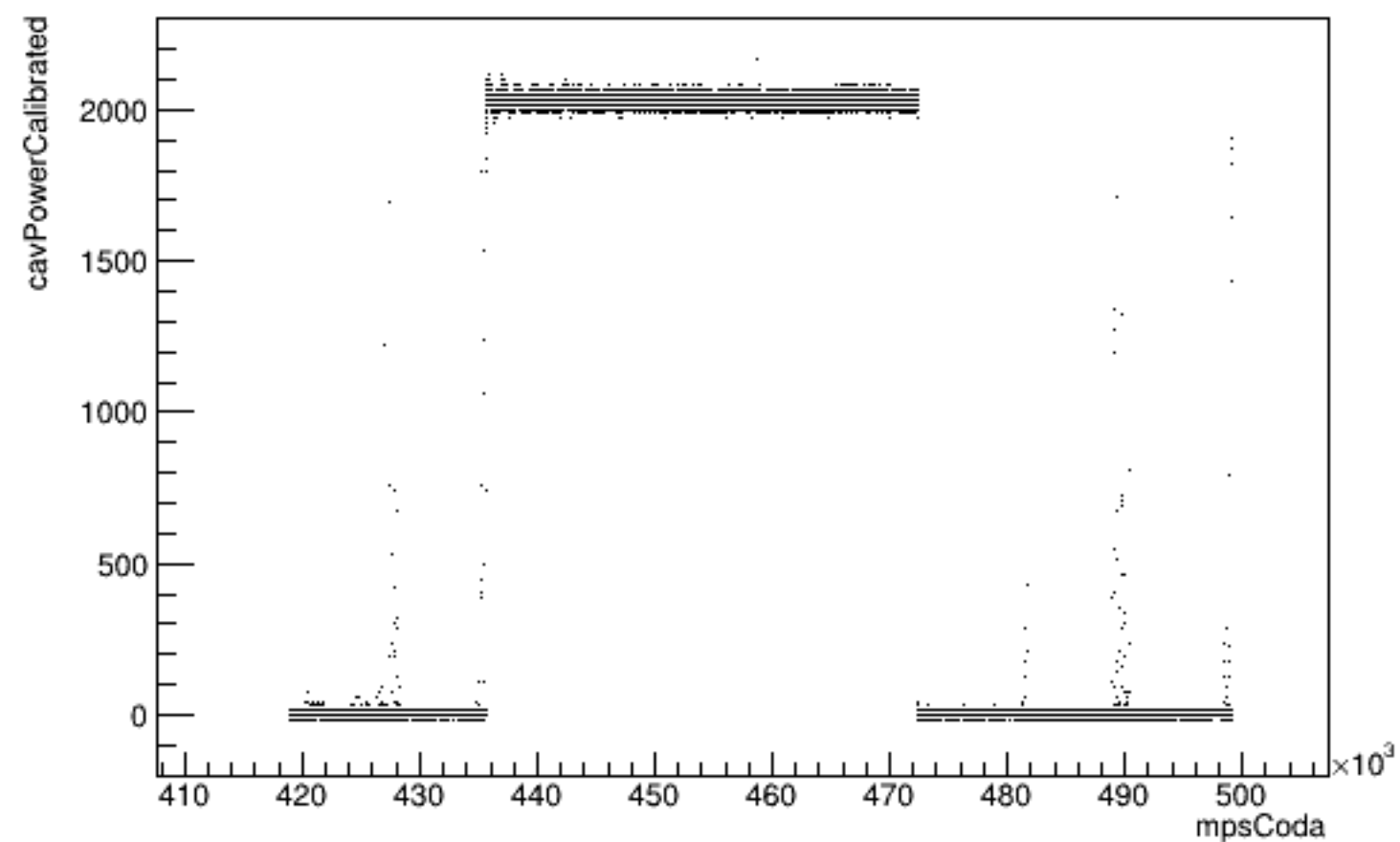
laserState:mpsCoda {mpsCoda>=418945 && mpsCoda<=499056}



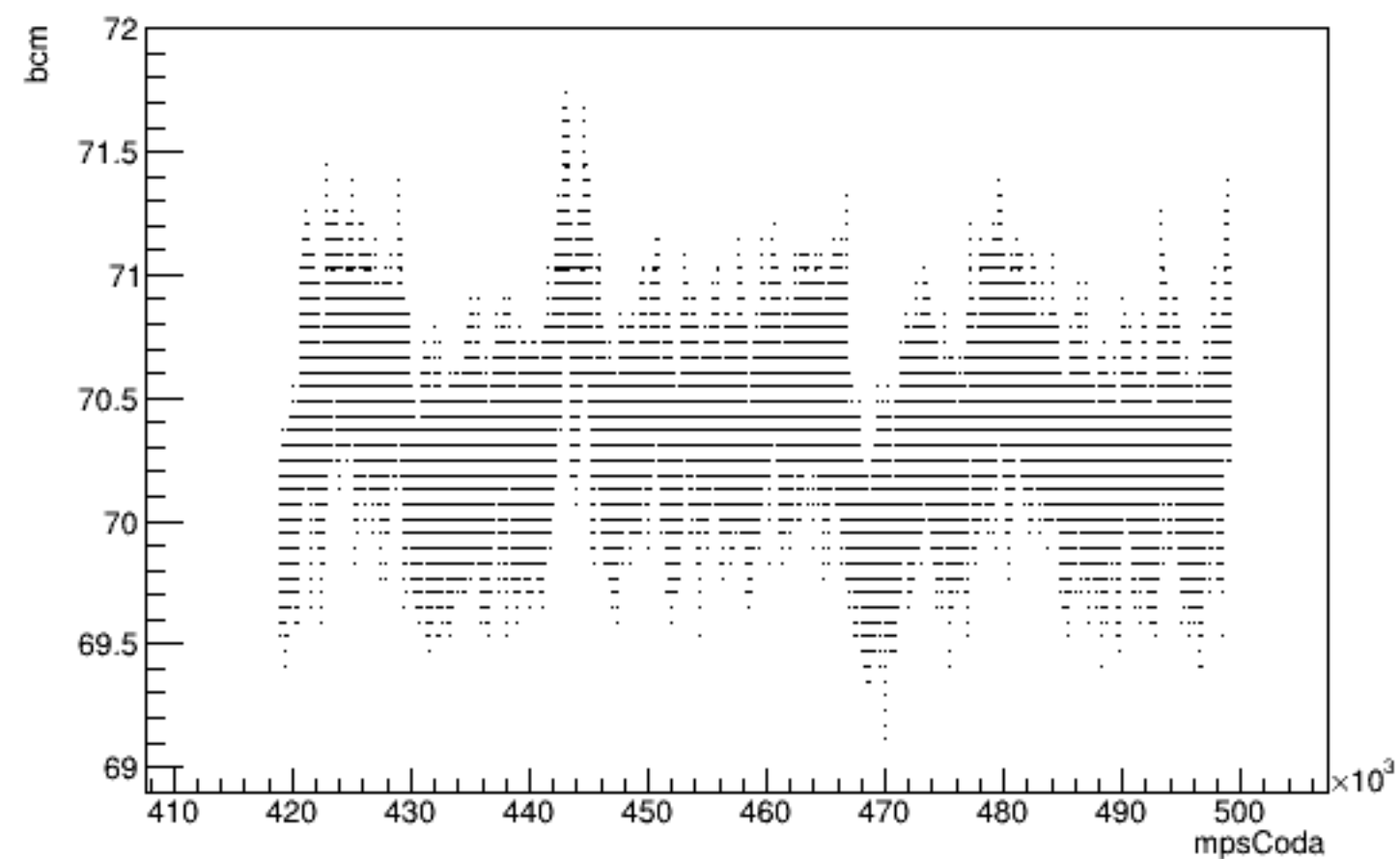
beamState + 1:mpsCoda {mpsCoda>=418945 && mpsCoda<=499056}



cavPowerCalibrated:mpsCoda {mpsCoda>=418945 && mpsCoda<=499056}



bcm:mpsCoda {mpsCoda>=418945 && mpsCoda<=499056}



Cycle 10, Diffs

Entries: 3278

Mean: 0.0157 +/- 0.0061

Std Dev: 0.3494 +/- 0.0043

Entries: 4611

Mean: -0.0622 +/- 0.0056

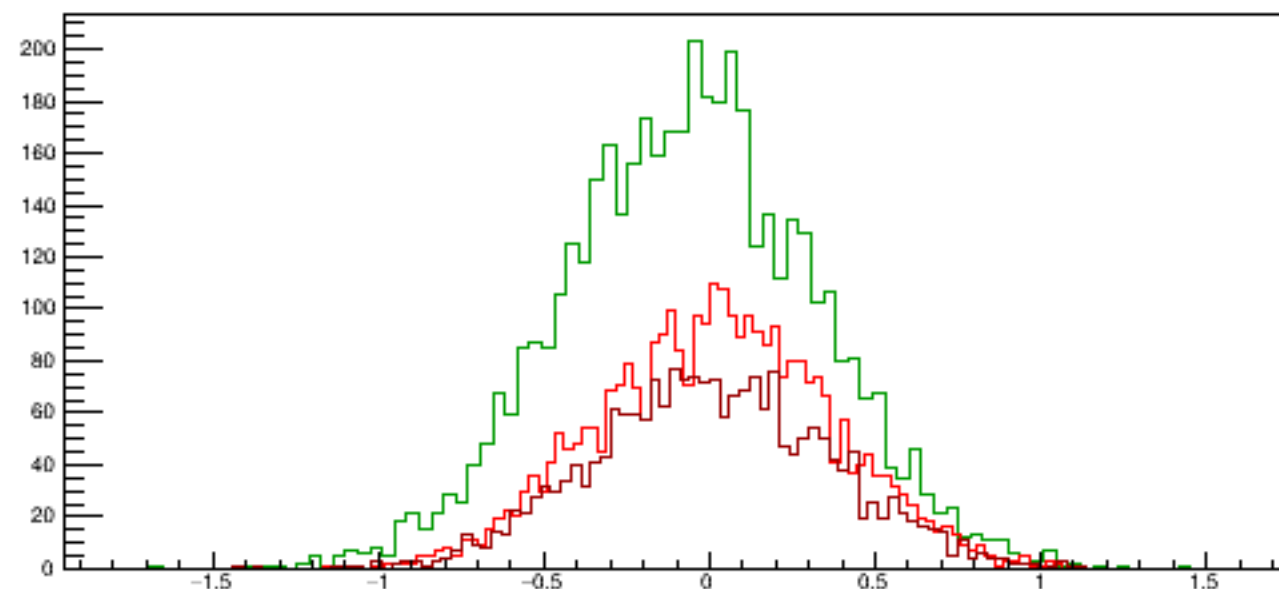
Std Dev: 0.3801 +/- 0.0040

Entries: 2149

Mean: 0.0050 +/- 0.0077

Std Dev: 0.3577 +/- 0.0055

Run 4469 quartetwise, Diffs



Cycle 10, Sums

Entries: 3278

Mean: 15.2491 +/- 0.0124

Std Dev: 0.7120 +/- 0.0088

Entries: 4611

Mean: 20.8830 +/- 0.0156

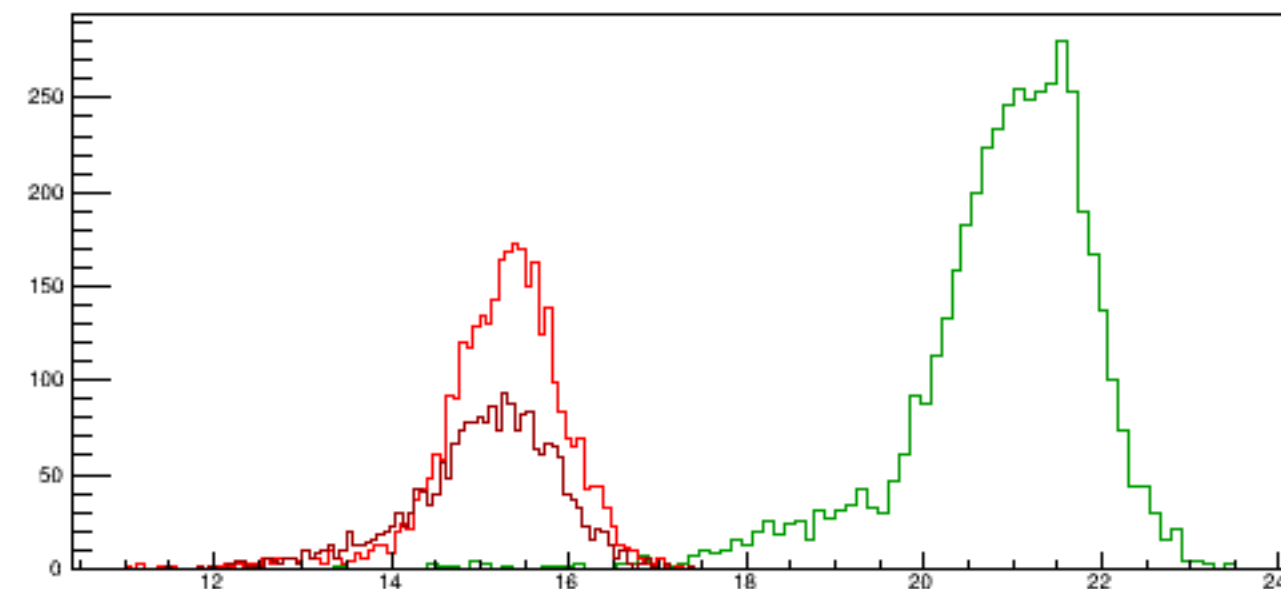
Std Dev: 1.0579 +/- 0.0110

Entries: 2149

Mean: 15.0506 +/- 0.0174

Std Dev: 0.8069 +/- 0.0123

Run 4469 quartetwise, Sums



Cycle 10, Asyms

Entries: 3278

Mean: 0.0027 +/- 0.0011

Std Dev: 0.0609 +/- 0.0008

Entries: 4611

Mean: -0.0062 +/- 0.0028

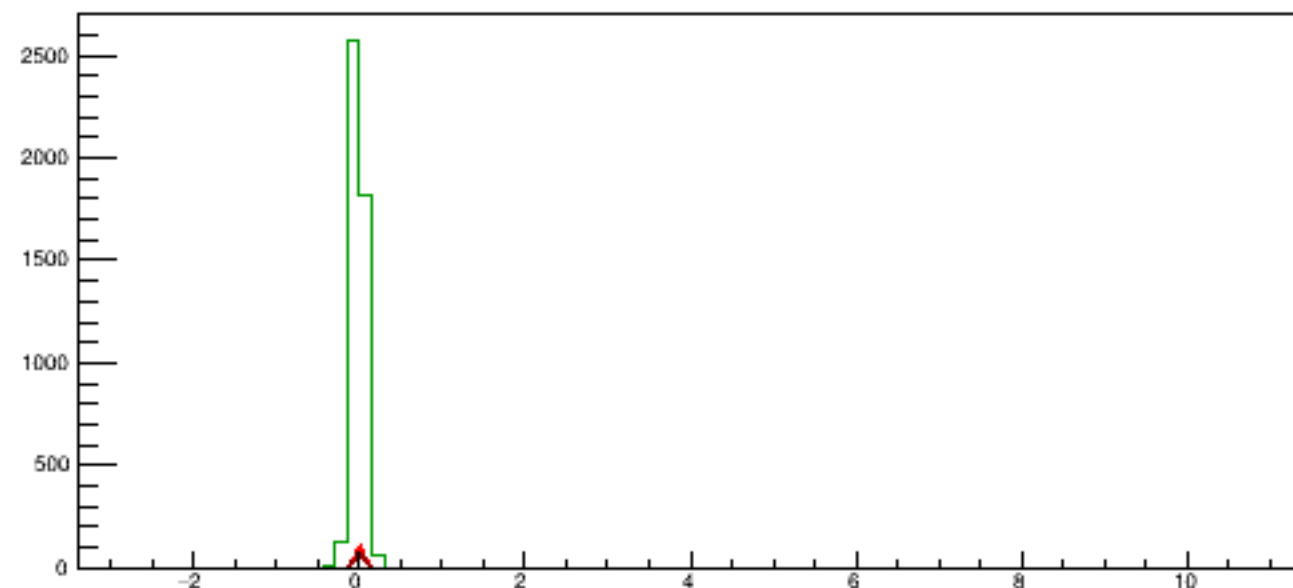
Std Dev: 0.1907 +/- 0.0020

Entries: 2149

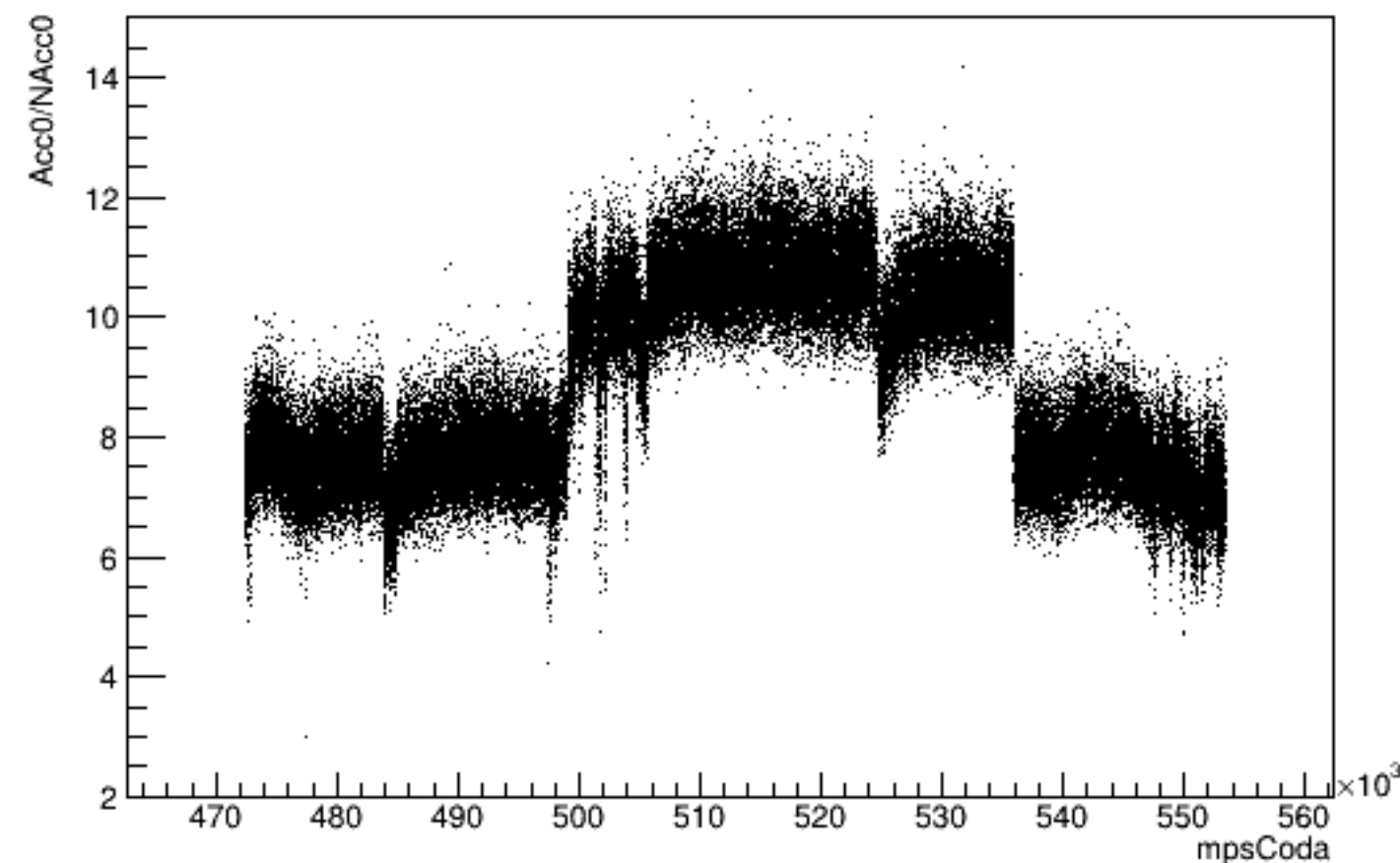
Mean: 0.0009 +/- 0.0013

Std Dev: 0.0624 +/- 0.0010

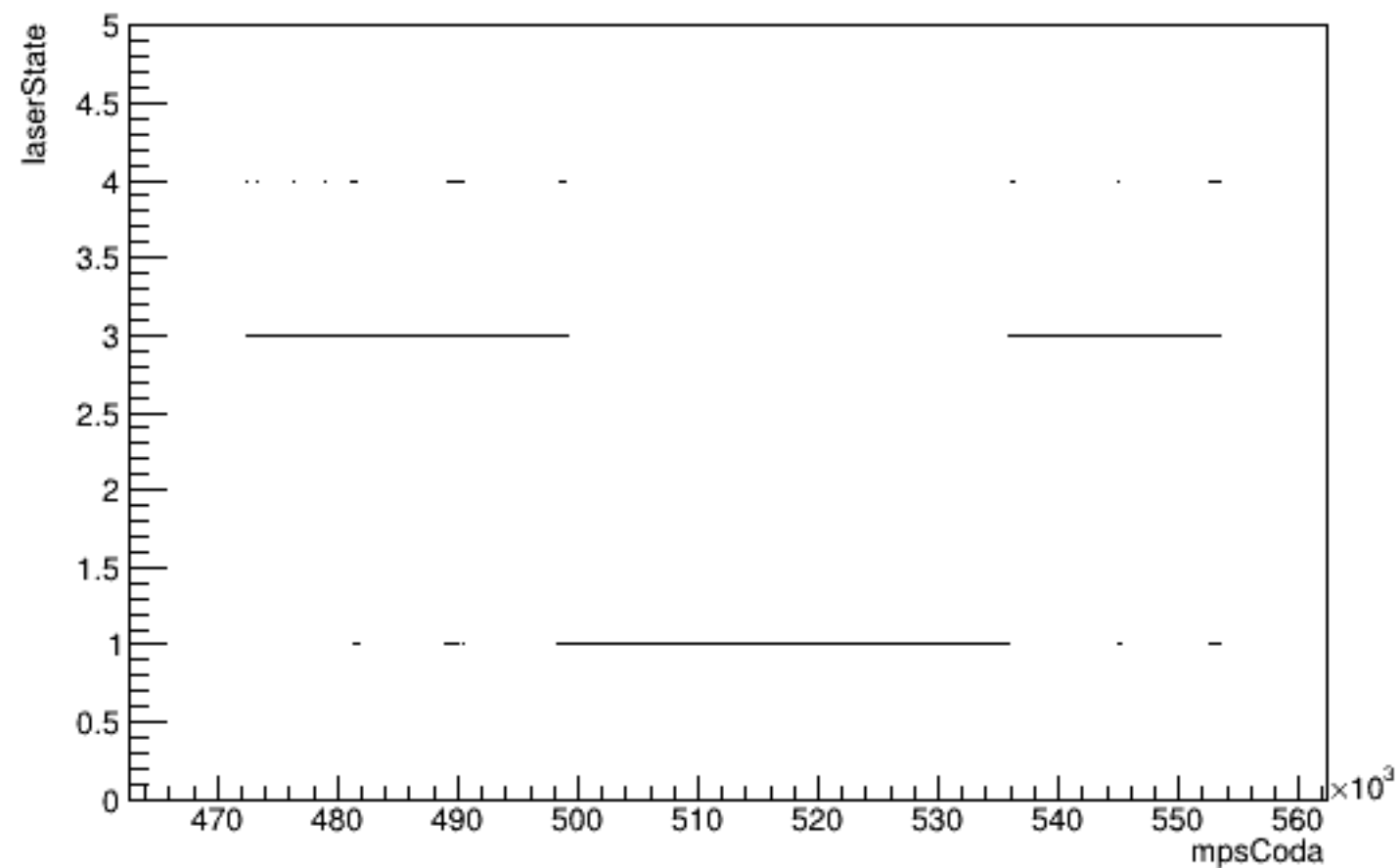
Run 4469 quartetwise, Asyms



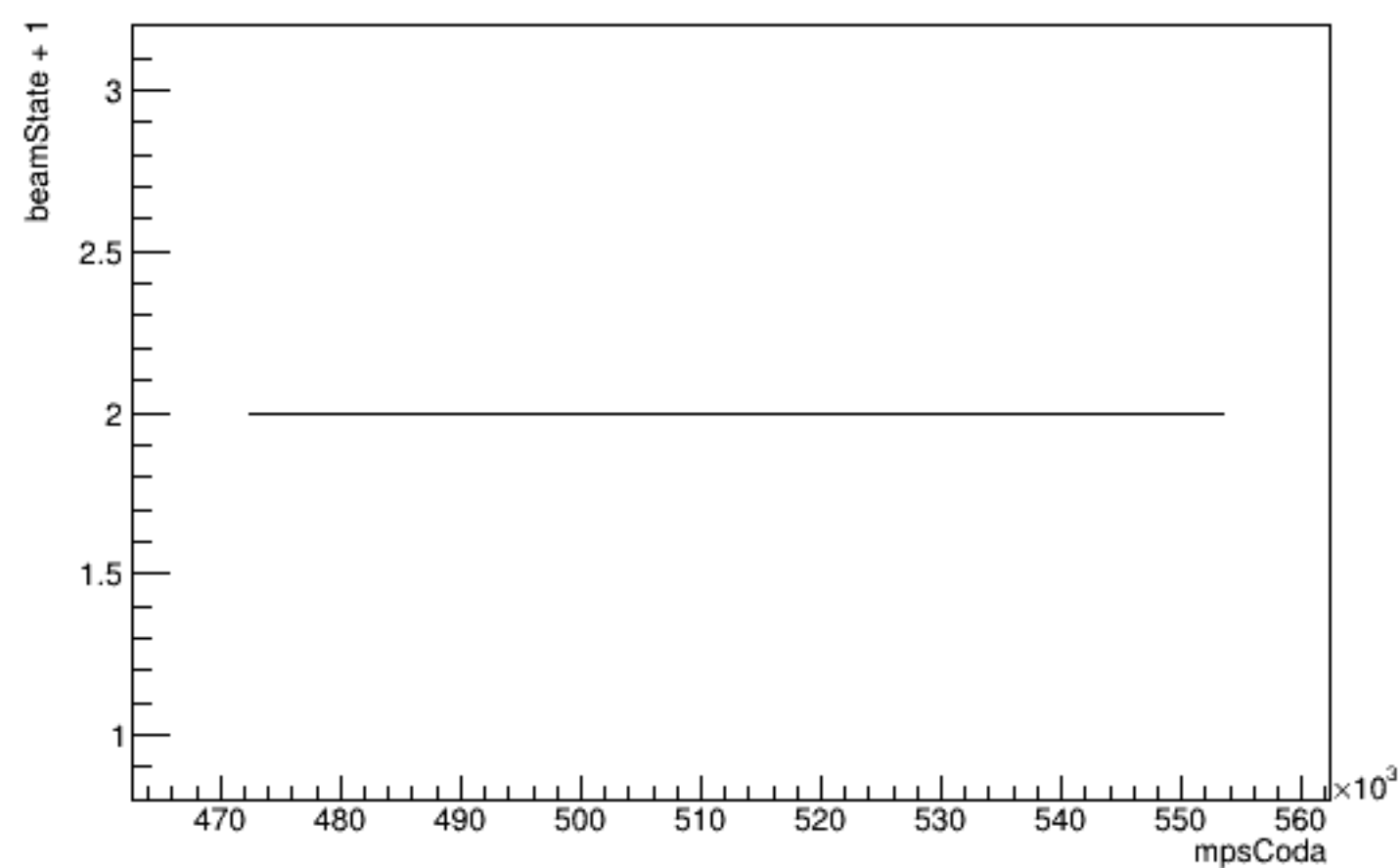
Acc0/NAcc0:mpsCoda (mpsCoda>=472353 && mpsCoda<=553384 && beamState==1)



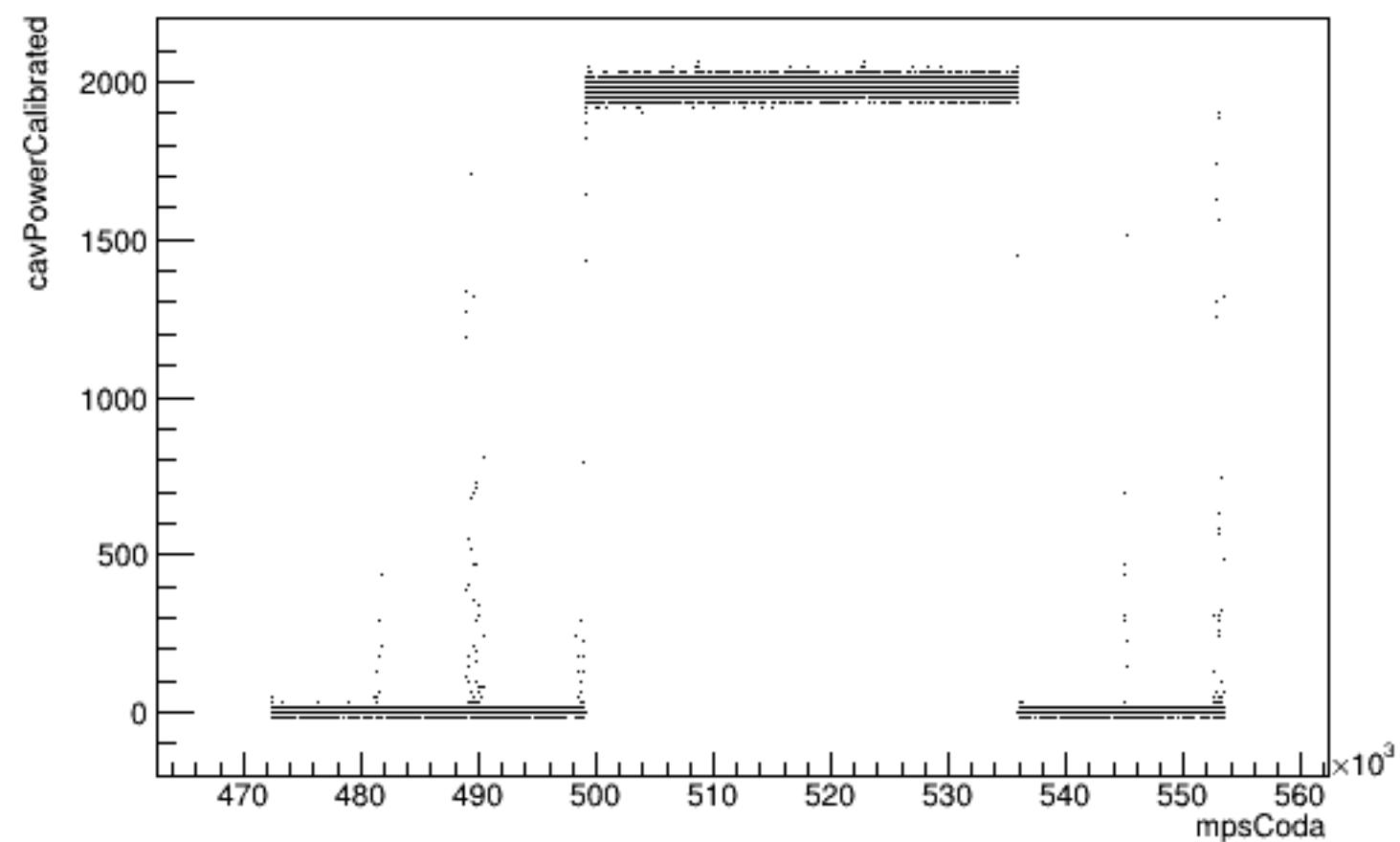
laserState:mpsCoda {mpsCoda>=472353 && mpsCoda<=553384}



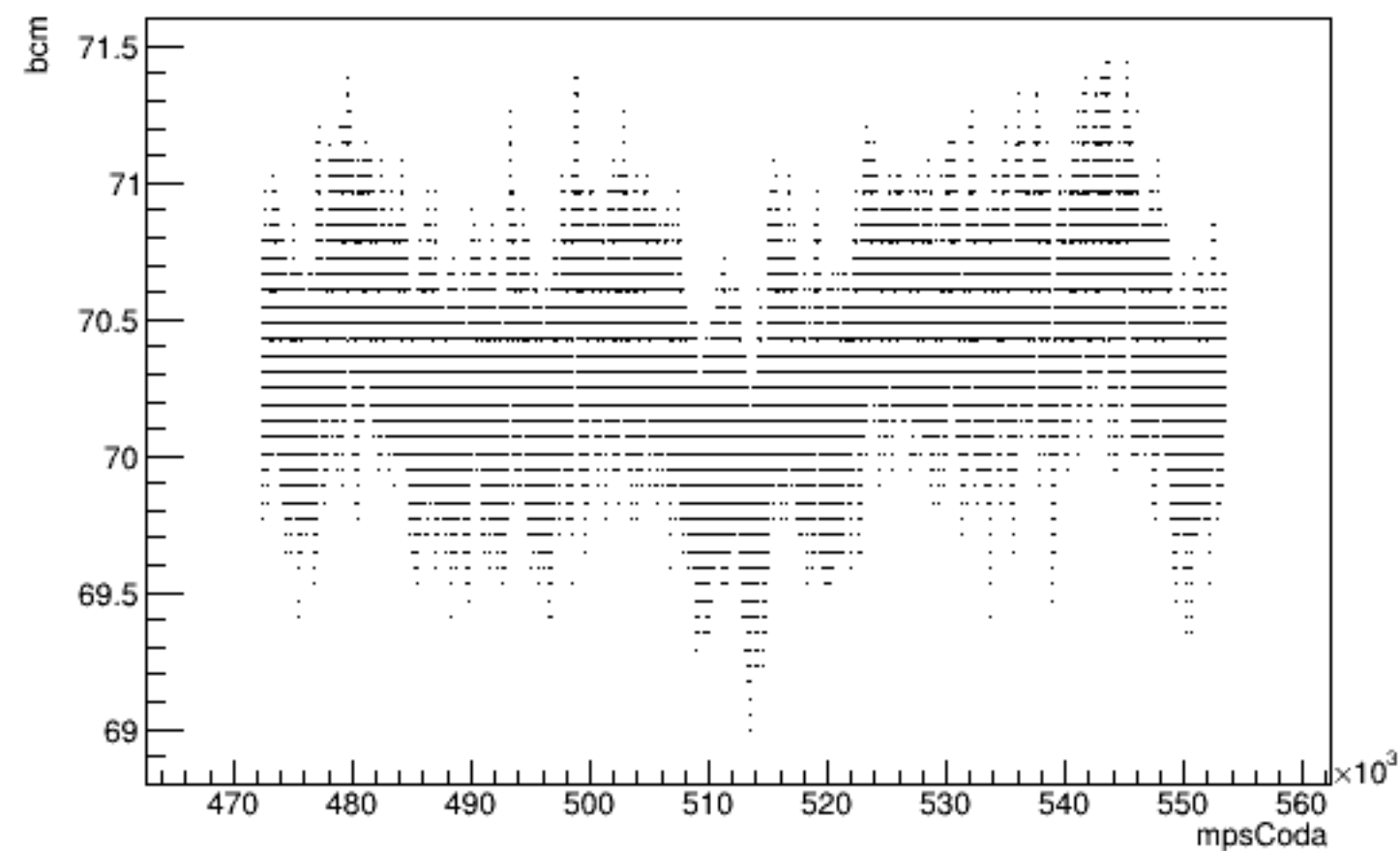
beamState + 1:mpsCoda {mpsCoda>=472353 && mpsCoda<=553384}



cavPowerCalibrated:mpsCoda {mpsCoda>=472353 && mpsCoda<=553384}



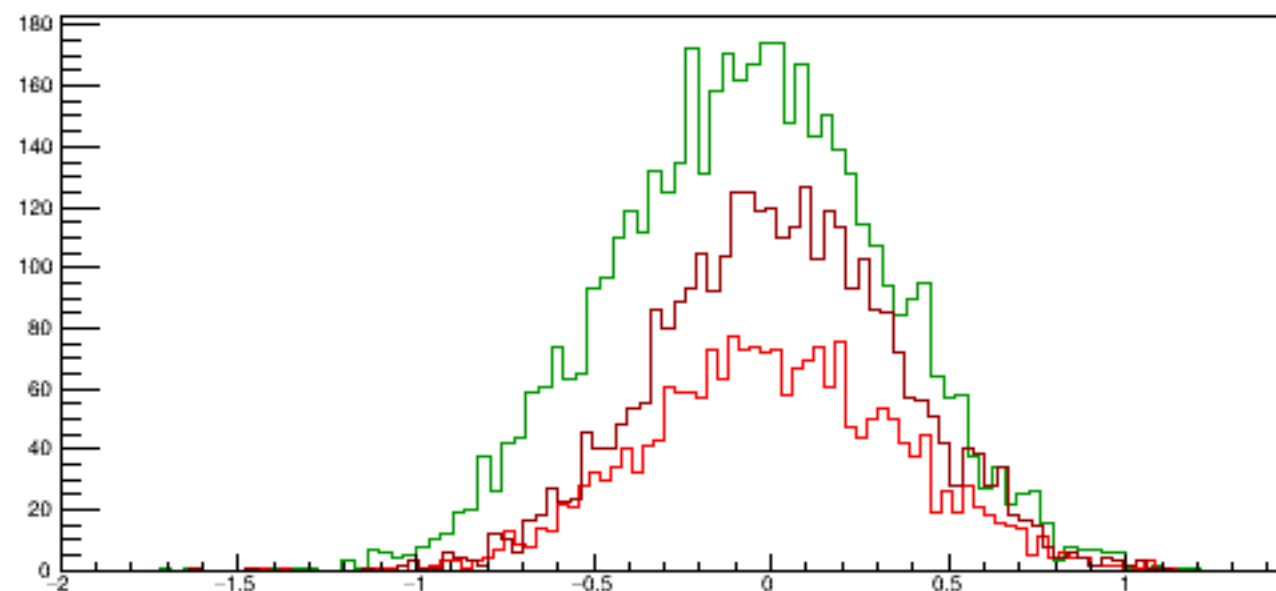
bcm:mpsCoda {mpsCoda>=472353 && mpsCoda<=553384}



Cycle 11, Diffs

Entries: 2149	Entries: 4677	Entries: 3170
Mean: 0.0050 +/- 0.0077	Mean: -0.0649 +/- 0.0056	Mean: 0.0200 +/- 0.0061
Std Dev: 0.3577 +/- 0.0055	Std Dev: 0.3842 +/- 0.0040	Std Dev: 0.3431 +/- 0.0043

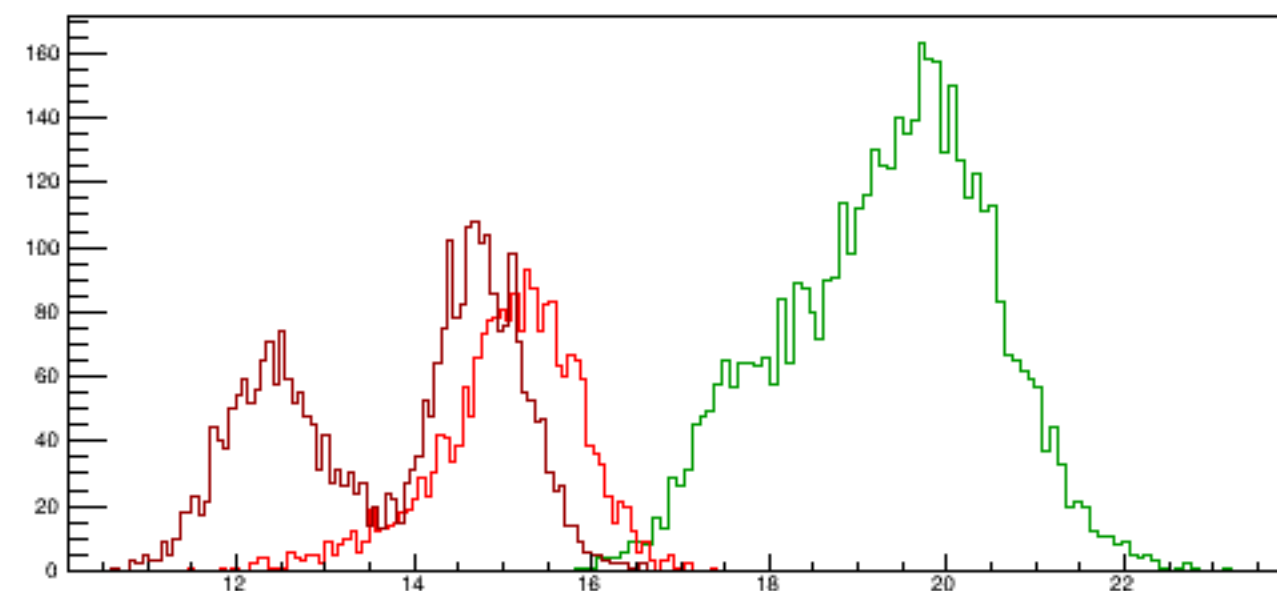
Run 4469 quartetwise, Diffs



Cycle 11, Sums

Entries: 2149	Entries: 4677	Entries: 3170
Mean: 15.0506 +/- 0.0174	Mean: 19.3253 +/- 0.0172	Mean: 13.7775 +/- 0.0227
Std Dev: 0.8069 +/- 0.0123	Std Dev: 1.1781 +/- 0.0122	Std Dev: 1.2779 +/- 0.0160

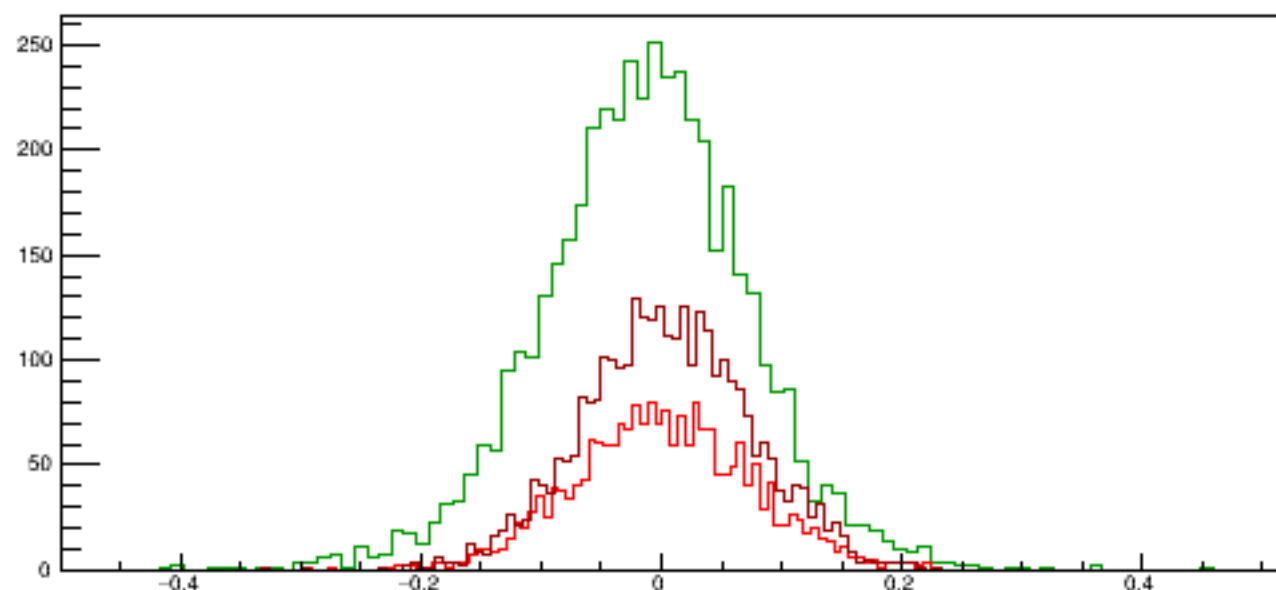
Run 4469 quartetwise, Sums



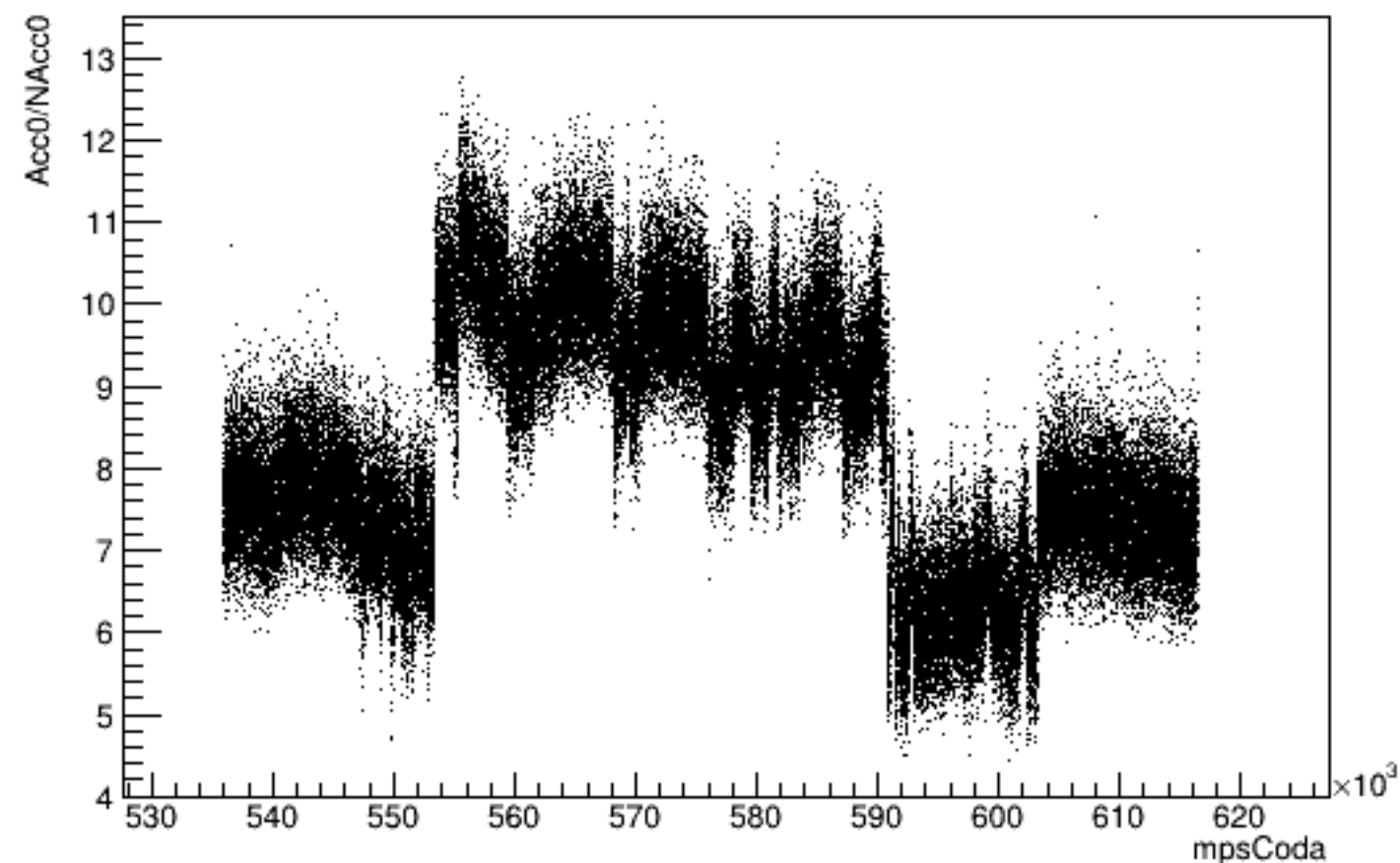
Cycle 11, Asyms

Entries: 2149	Entries: 4677	Entries: 3170
Mean: 0.0010 +/- 0.0016	Mean: -0.0138 +/- 0.0013	Mean: 0.0041 +/- 0.0012
Std Dev: 0.0728 +/- 0.0011	Std Dev: 0.0862 +/- 0.0009	Std Dev: 0.0699 +/- 0.0009

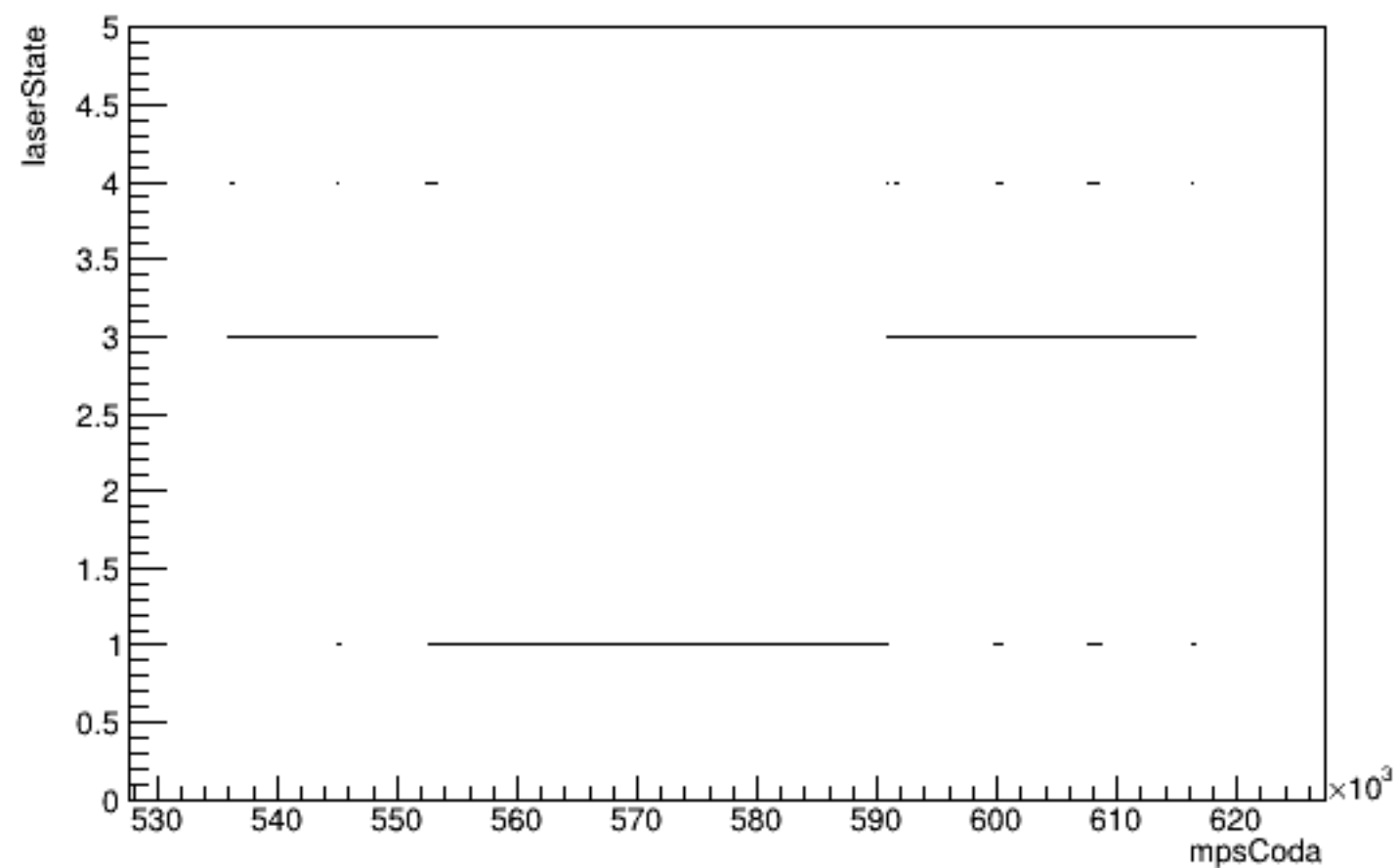
Run 4469 quartetwise, Asyms



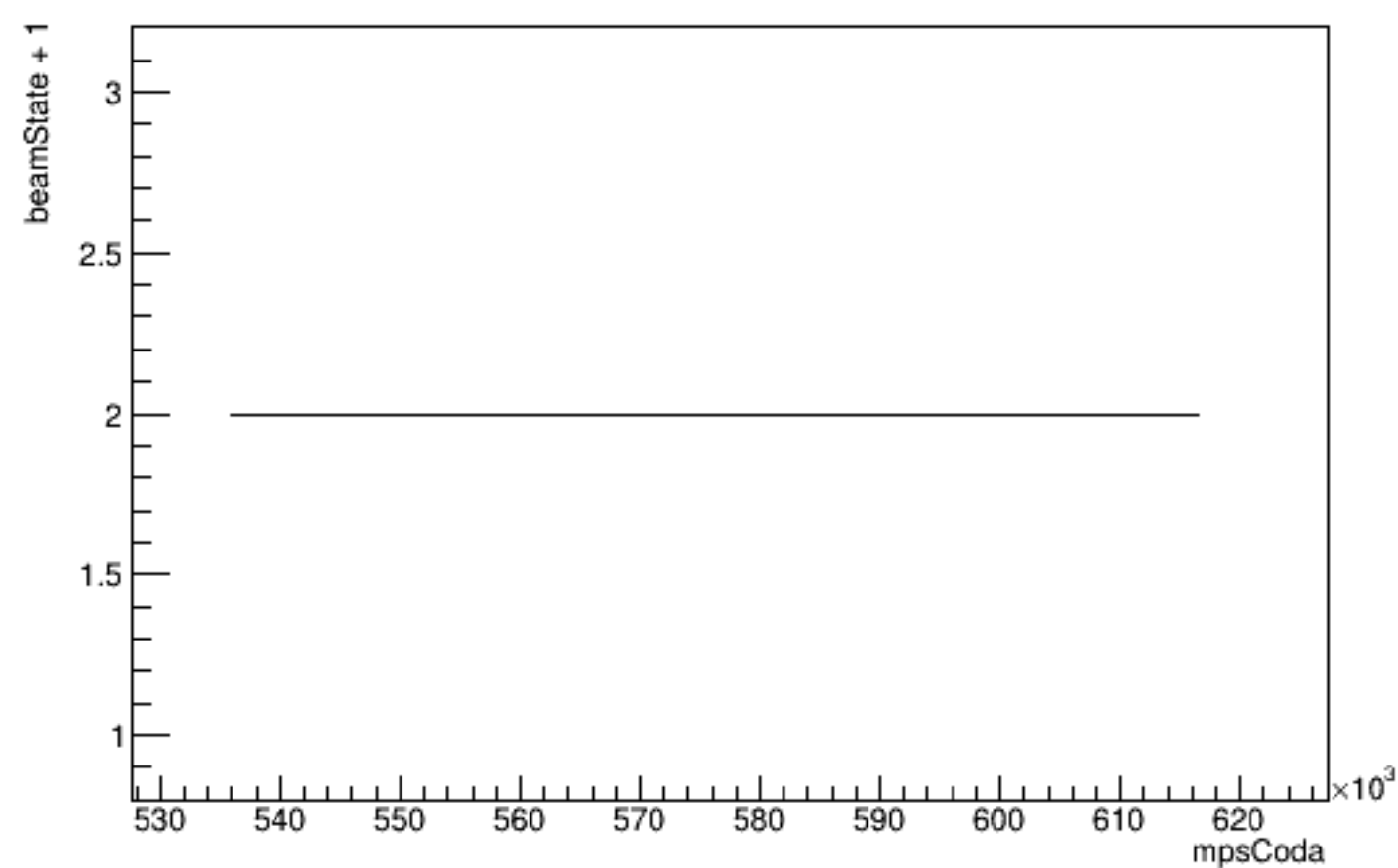
Acc0/NAcc0:mpsCoda (mpsCoda>=535953 && mpsCoda<=616432 && beamState==1)



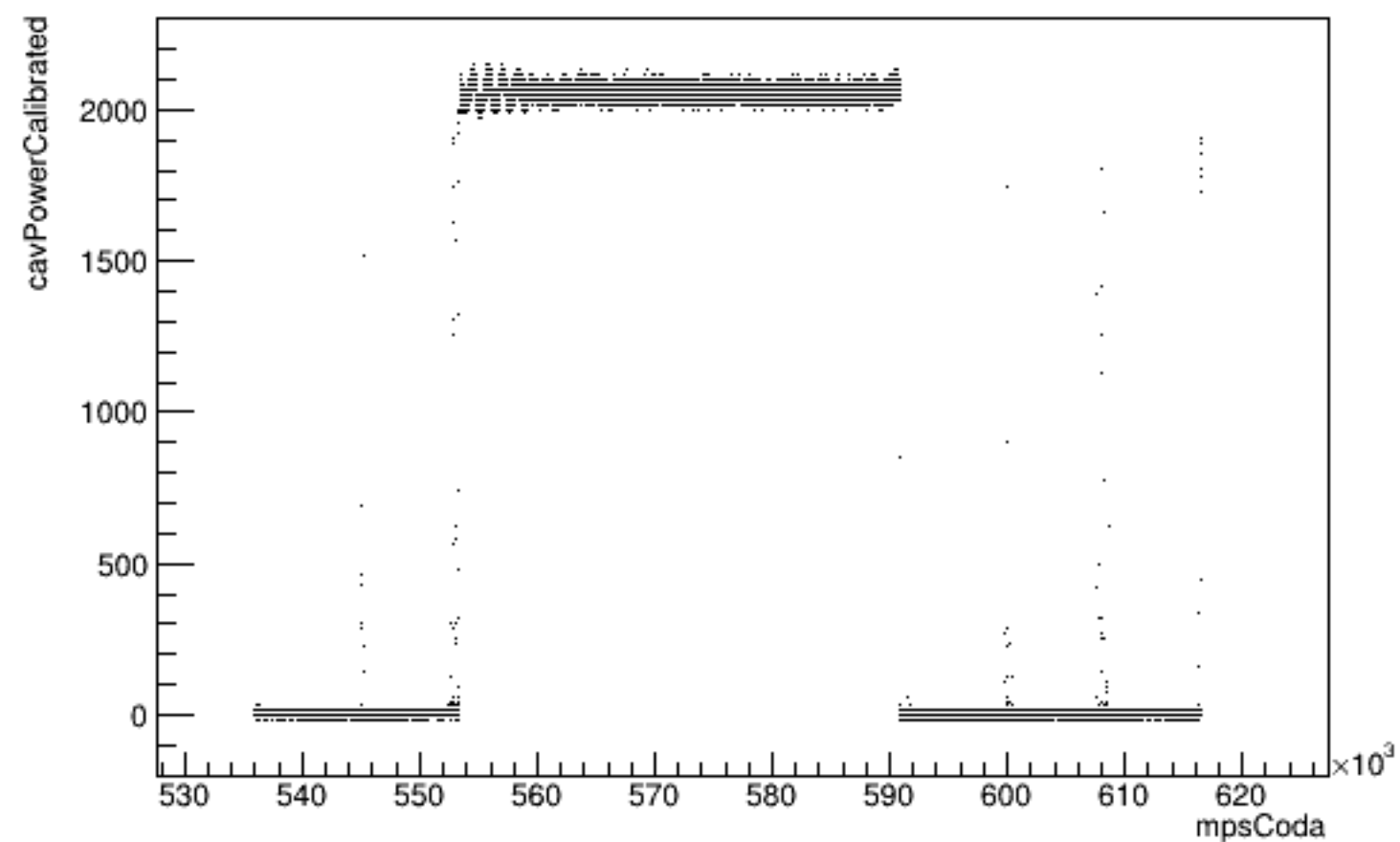
laserState:mpsCoda {mpsCoda>=535953 && mpsCoda<=616432}



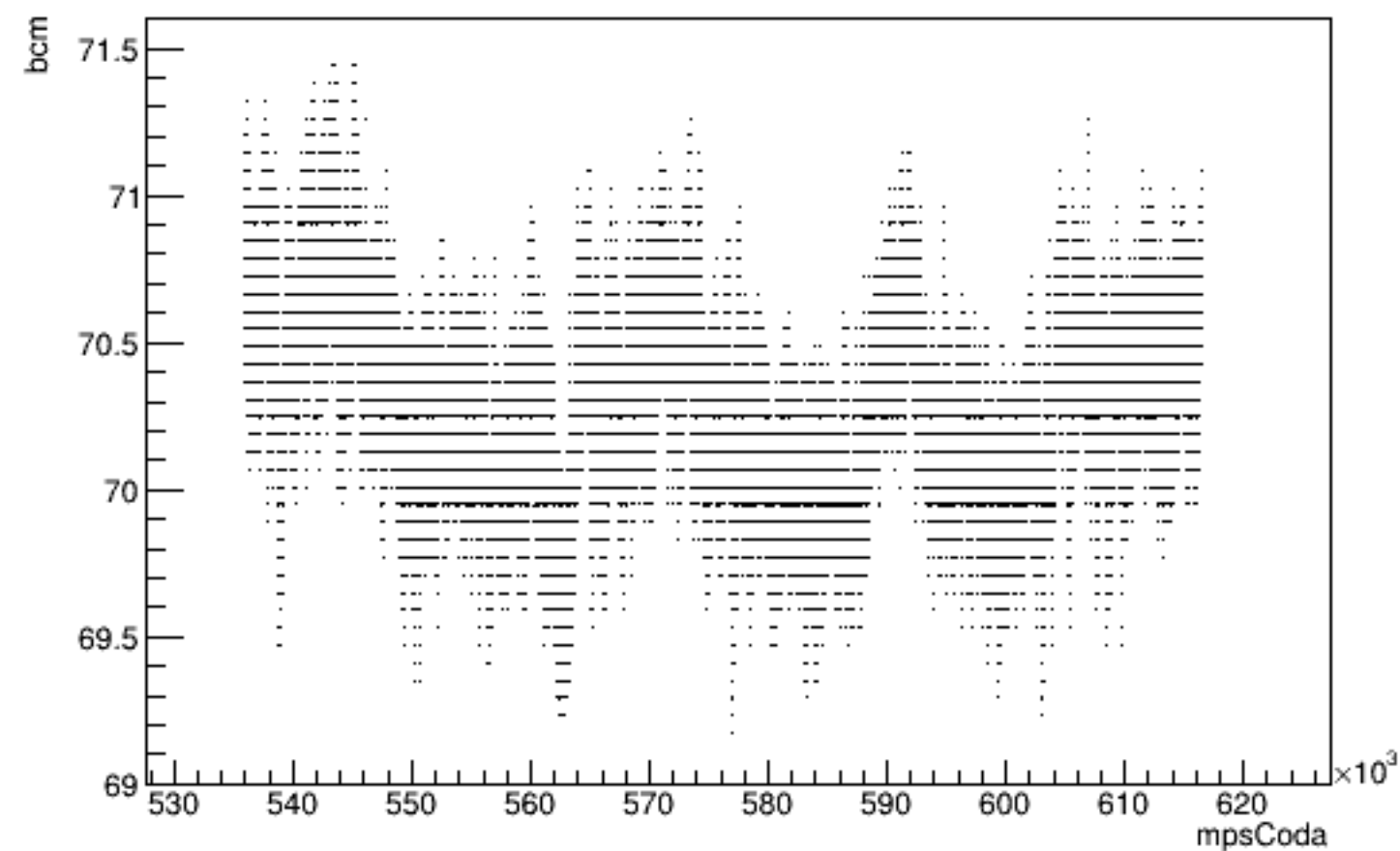
beamState + 1:mpsCoda {mpsCoda>=535953 && mpsCoda<=616432}



cavPowerCalibrated:mpsCoda {mpsCoda>=535953 && mpsCoda<=616432}



bcm:mpsCoda {mpsCoda>=535953 && mpsCoda<=616432}



Cycle 12, Diffs

Entries: 3170

Mean: 0.0200 +/- 0.0061

Std Dev: 0.3431 +/- 0.0043

Entries: 3970

Mean: -0.0633 +/- 0.0060

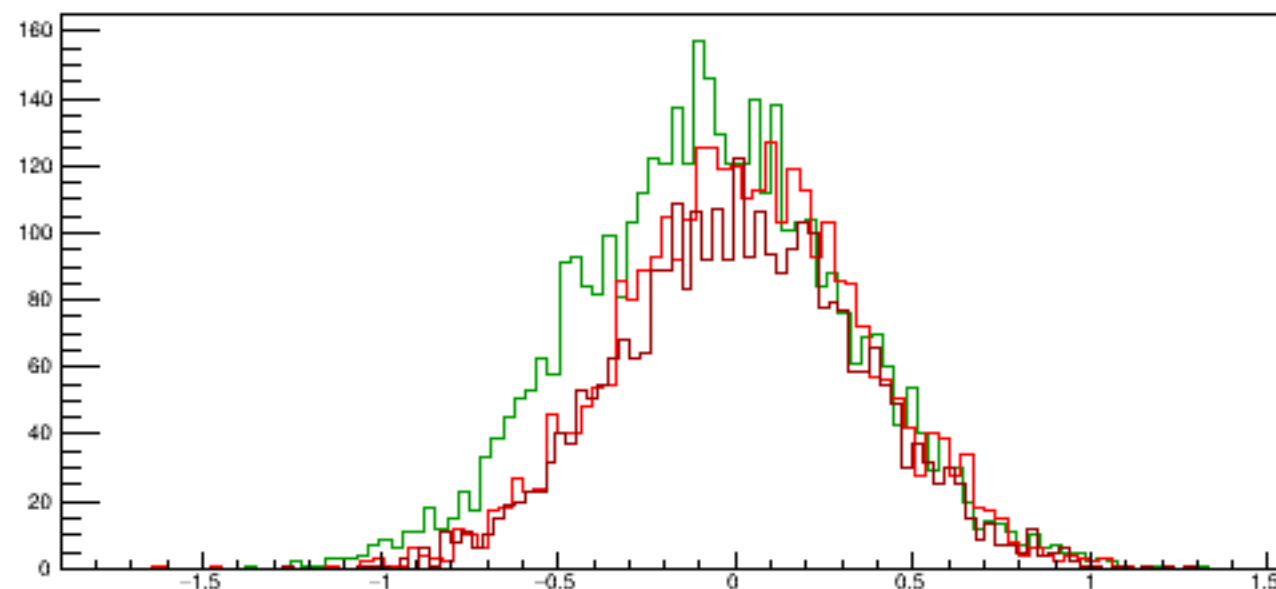
Std Dev: 0.3765 +/- 0.0042

Entries: 3047

Mean: 0.0136 +/- 0.0062

Std Dev: 0.3418 +/- 0.0044

Run 4469 quartetwise, Diffs



Cycle 12, Sums

Entries: 3170

Mean: 13.7775 +/- 0.0227

Std Dev: 1.2779 +/- 0.0160

Entries: 3970

Mean: 19.5387 +/- 0.0177

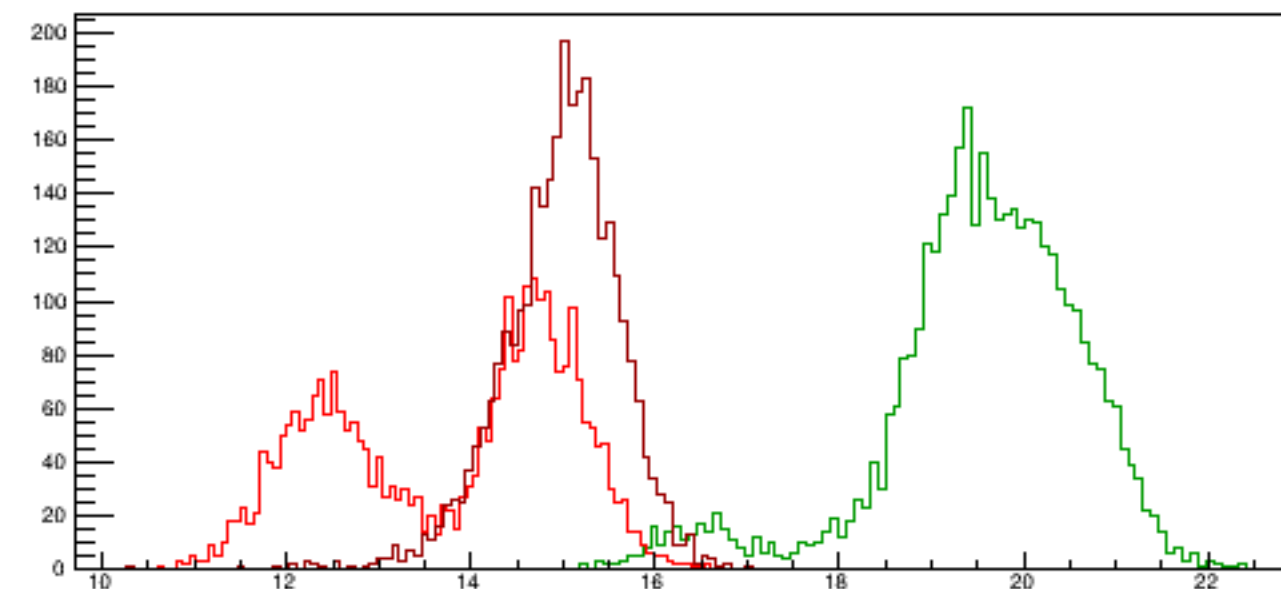
Std Dev: 1.1126 +/- 0.0125

Entries: 3047

Mean: 14.9771 +/- 0.0114

Std Dev: 0.6307 +/- 0.0081

Run 4469 quartetwise, Sums



Cycle 12, Asyms

Entries: 3170

Mean: 0.0039 +/- 0.0012

Std Dev: 0.0665 +/- 0.0008

Entries: 3970

Mean: -0.0127 +/- 0.0014

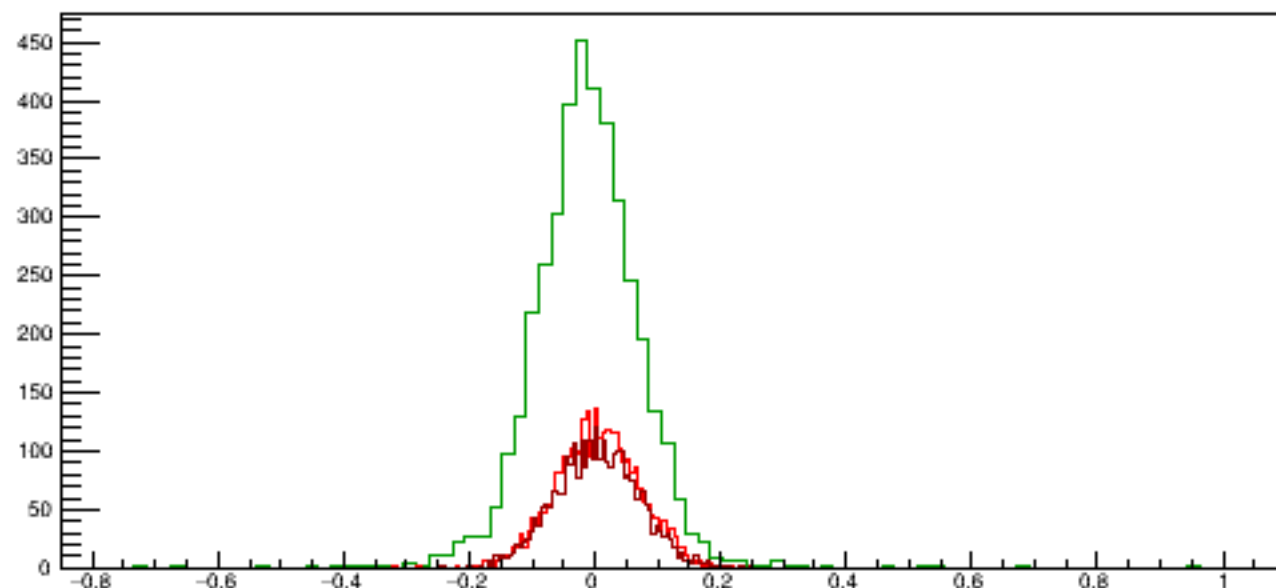
Std Dev: 0.0862 +/- 0.0010

Entries: 3047

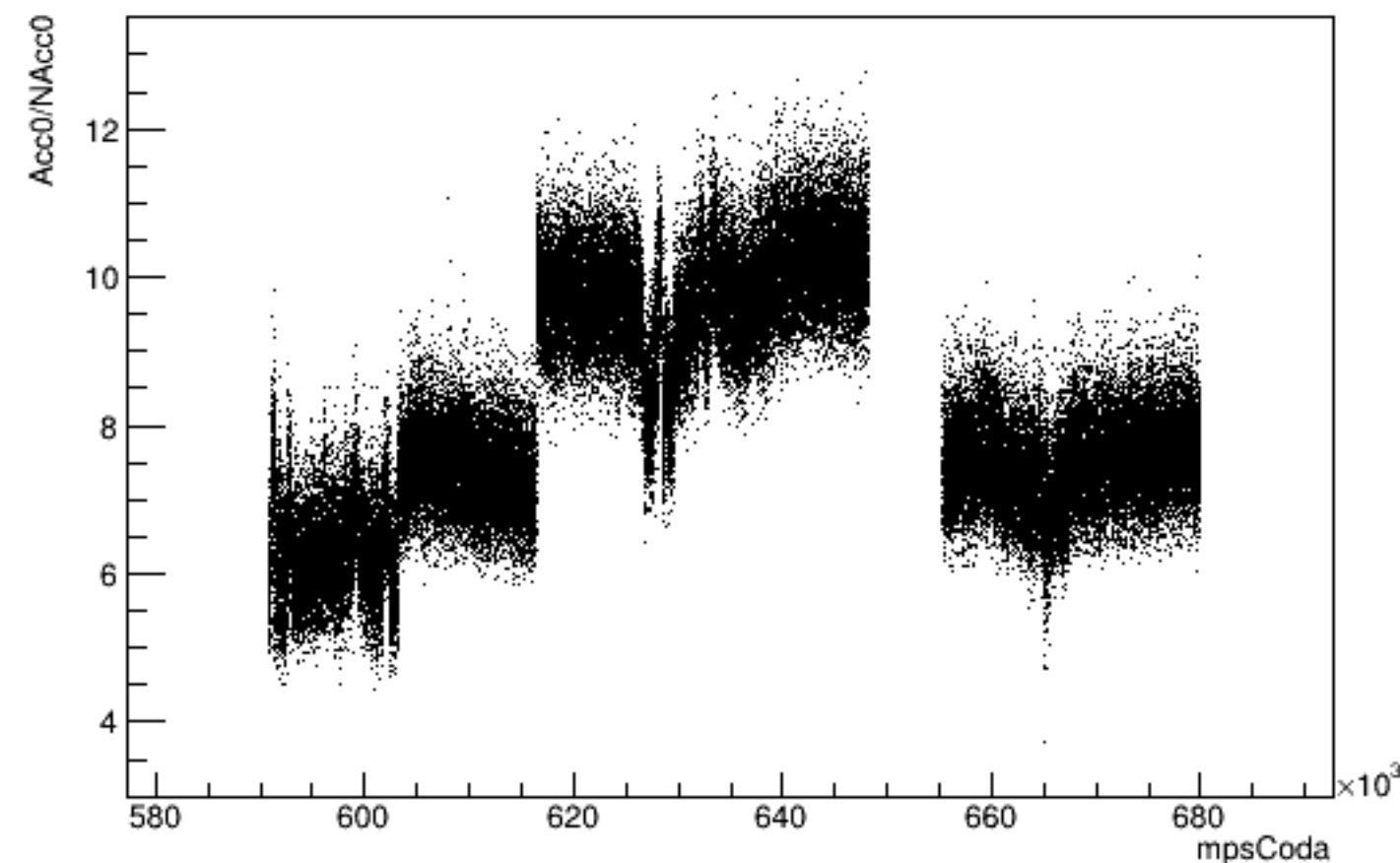
Mean: 0.0026 +/- 0.0012

Std Dev: 0.0662 +/- 0.0008

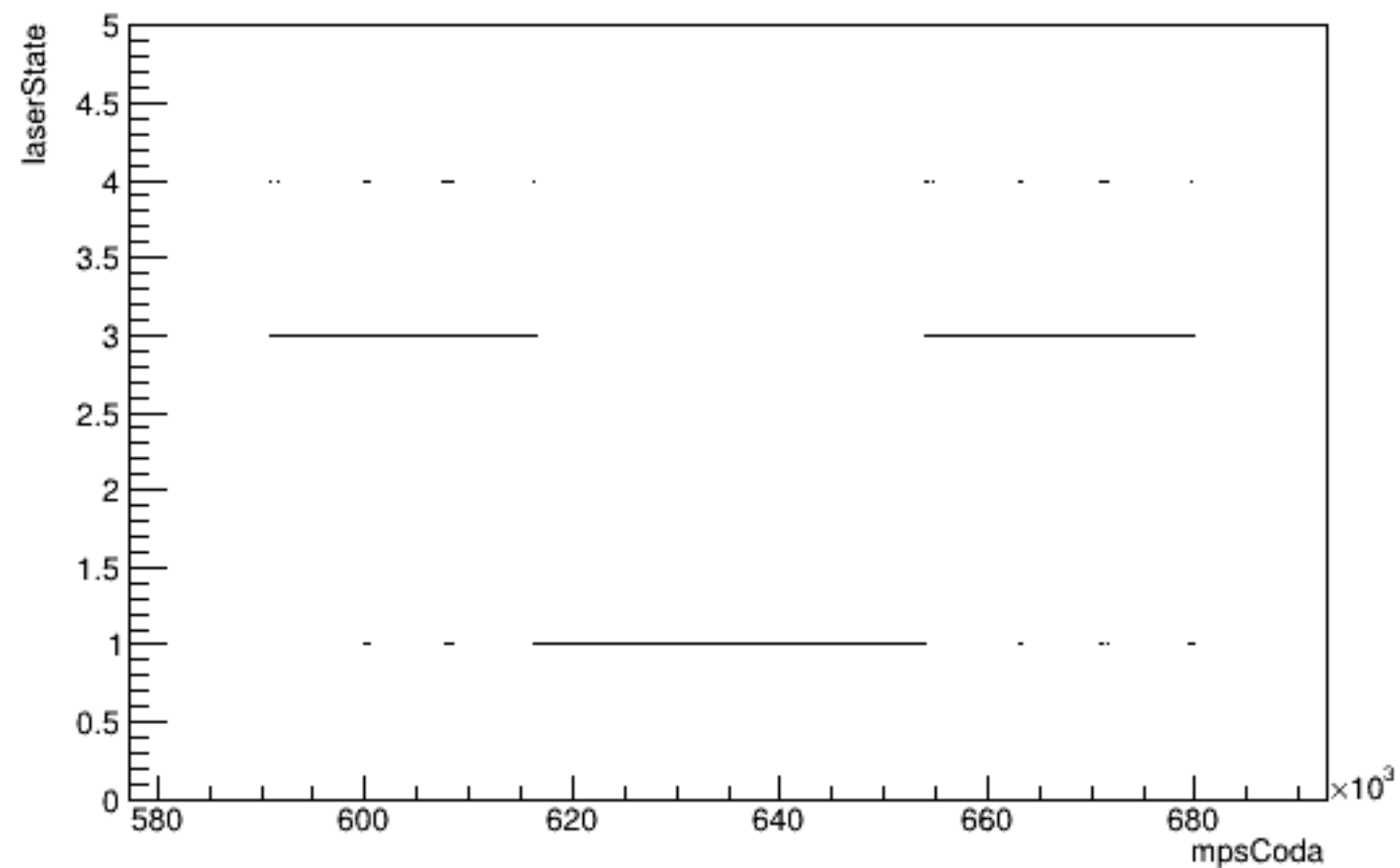
Run 4469 quartetwise, Asyms



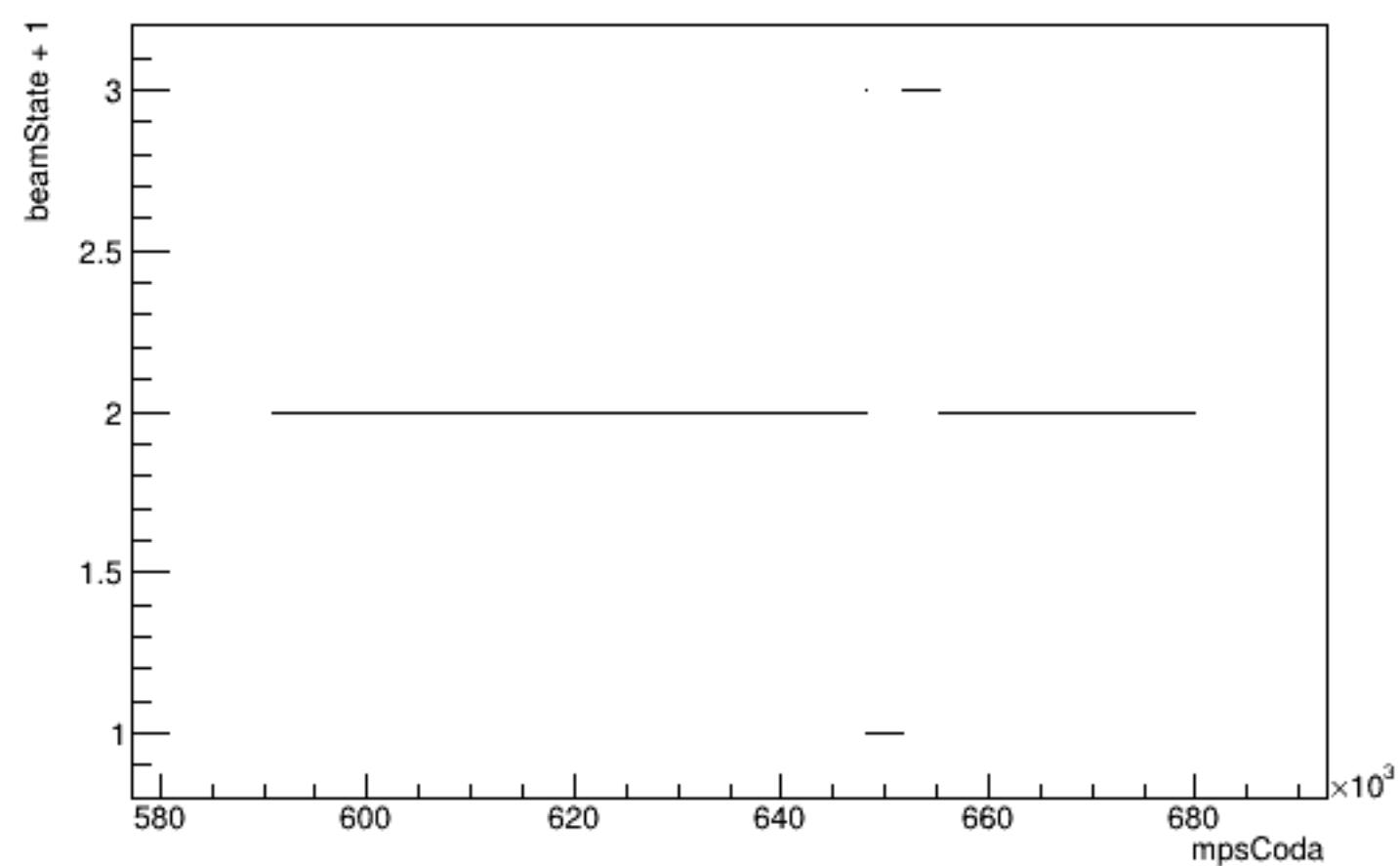
Acc0/NAcc0:mpsCoda (mpsCoda>=590809 && mpsCoda<=679920 && beamState==1)



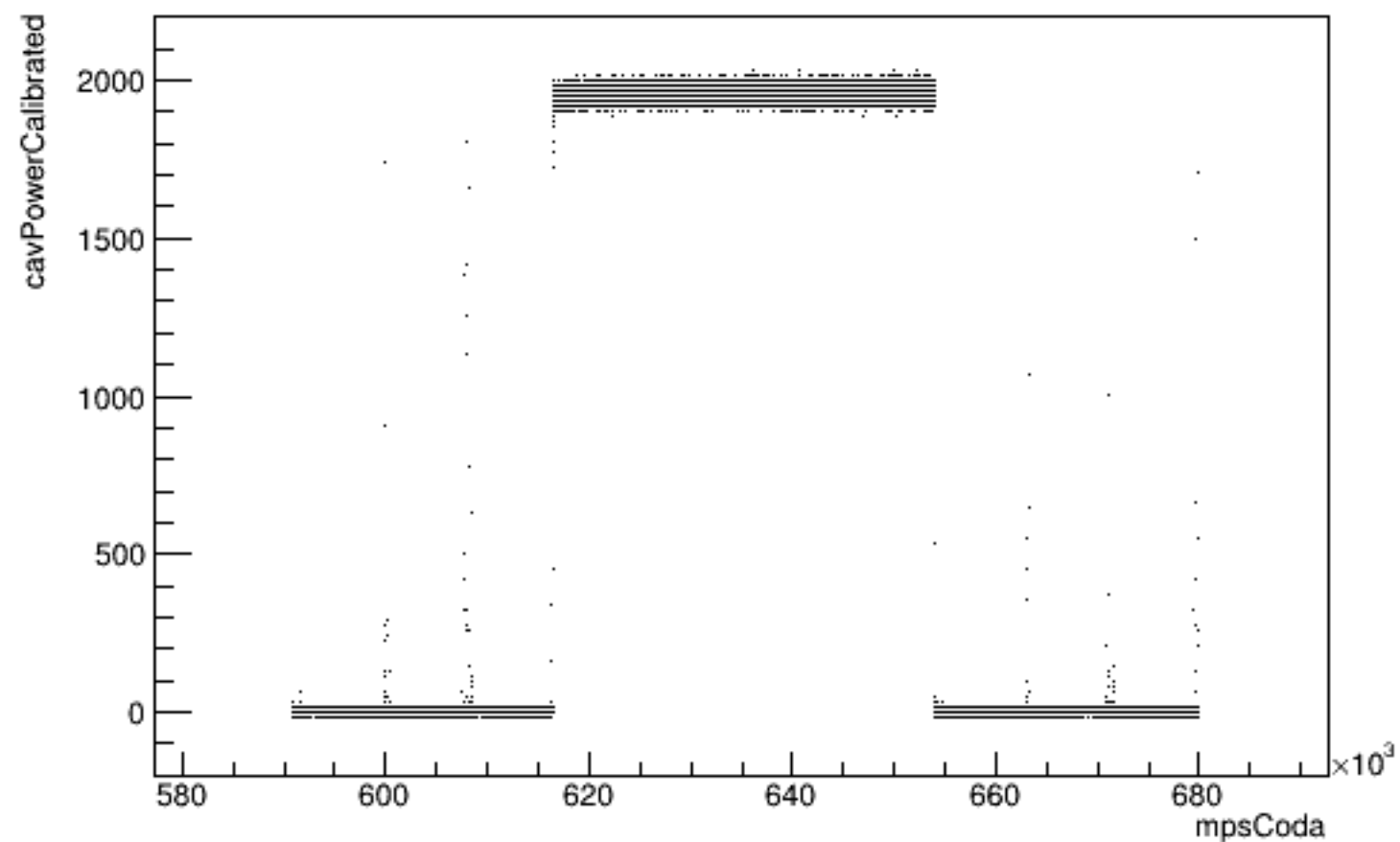
laserState:mpsCoda {mpsCoda>=590809 && mpsCoda<=679920}



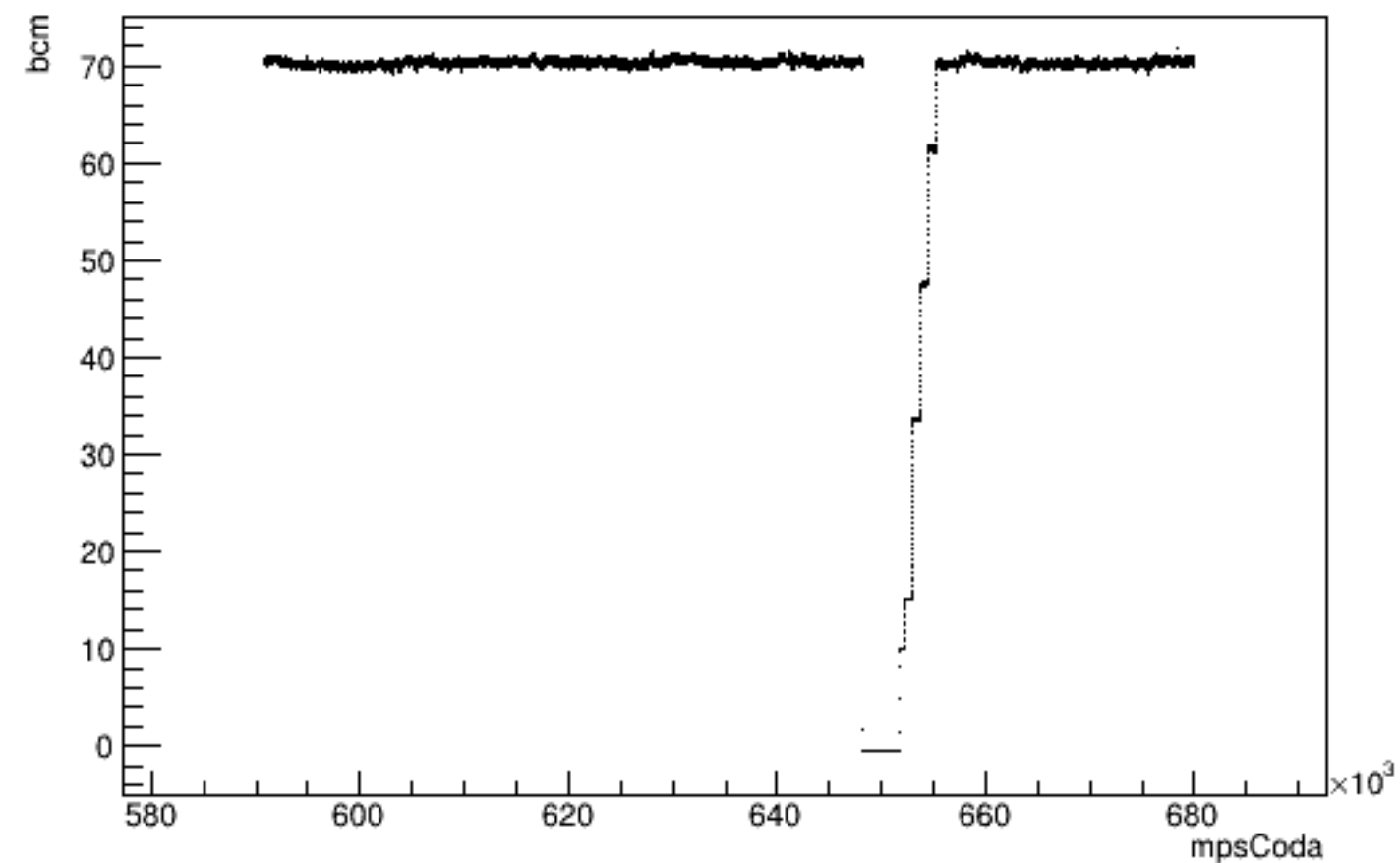
beamState + 1:mpsCoda {mpsCoda>=590809 && mpsCoda<=679920}



cavPowerCalibrated:mpsCoda {mpsCoda>=590809 && mpsCoda<=679920}



bcm:mpsCoda {mpsCoda>=590809 && mpsCoda<=679920}



Cycle 13, Diffs

Entries: 3047

Mean: 0.0136 +/- 0.0062

Std Dev: 0.3418 +/- 0.0044

Entries: 4700

Mean: -0.0673 +/- 0.0054

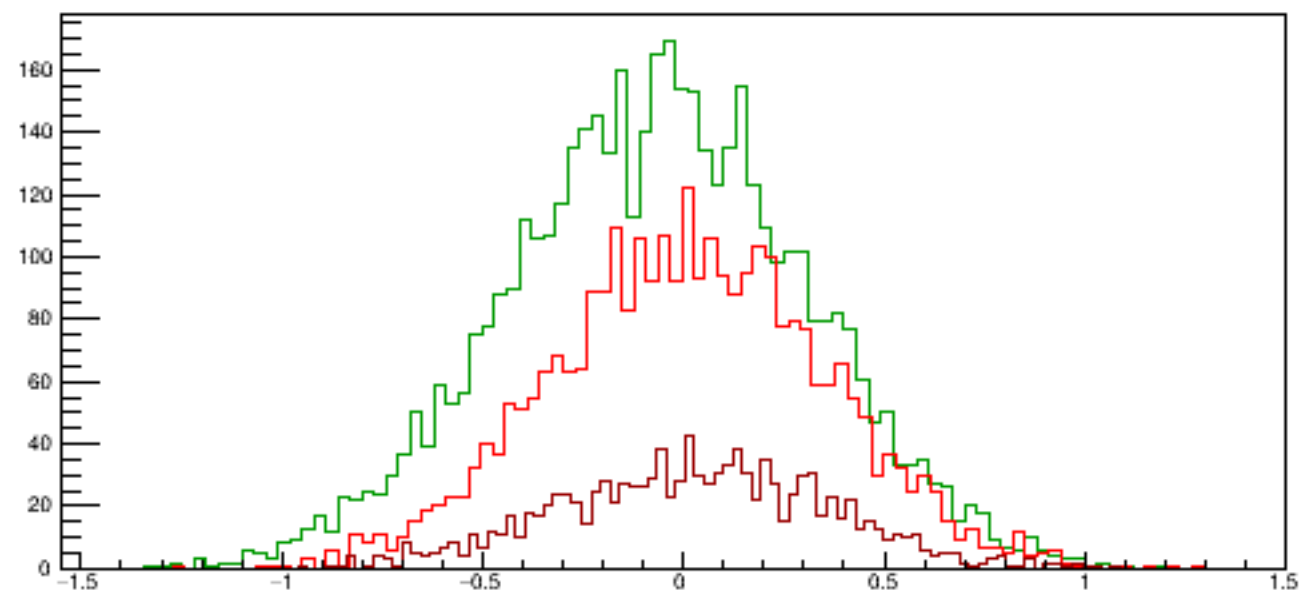
Std Dev: 0.3726 +/- 0.0038

Entries: 1158

Mean: 0.0264 +/- 0.0100

Std Dev: 0.3391 +/- 0.0070

Run 4469 quartetwise, Diffs



Cycle 13, Sums

Entries: 3047

Mean: 14.9771 +/- 0.0114

Std Dev: 0.6307 +/- 0.0081

Entries: 4700

Mean: 20.6244 +/- 0.0077

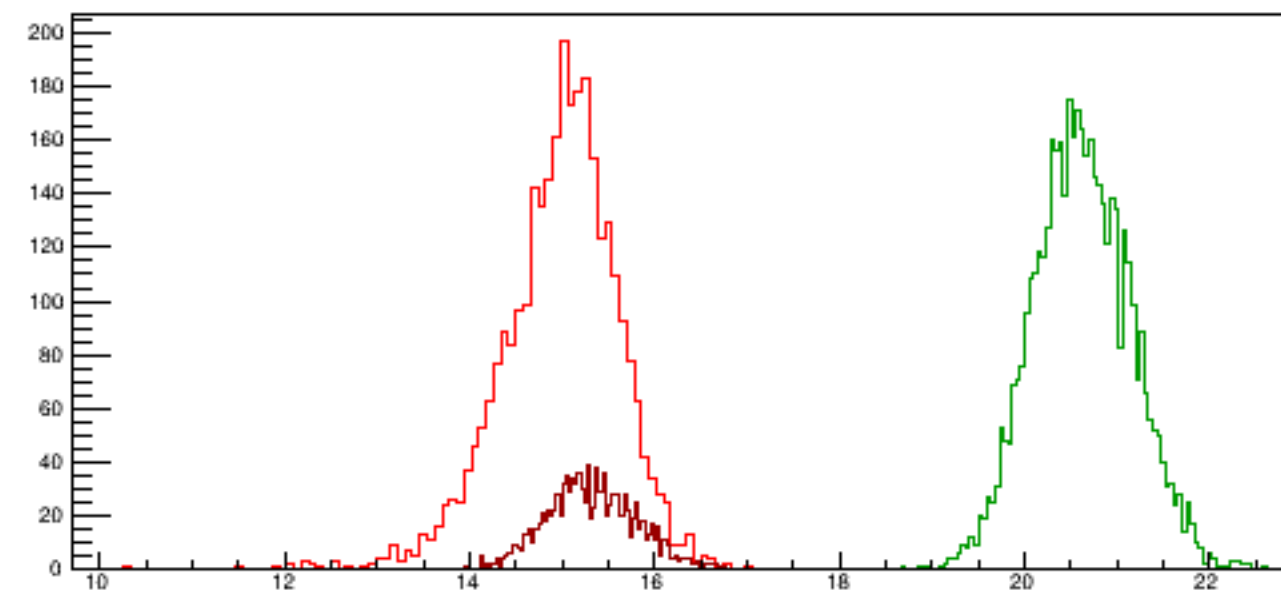
Std Dev: 0.5249 +/- 0.0054

Entries: 1158

Mean: 15.3205 +/- 0.0140

Std Dev: 0.4780 +/- 0.0099

Run 4469 quartetwise, Sums



Cycle 13, Asyms

Entries: 3047

Mean: 0.0025 +/- 0.0011

Std Dev: 0.0624 +/- 0.0008

Entries: 4700

Mean: -0.0124 +/- 0.0010

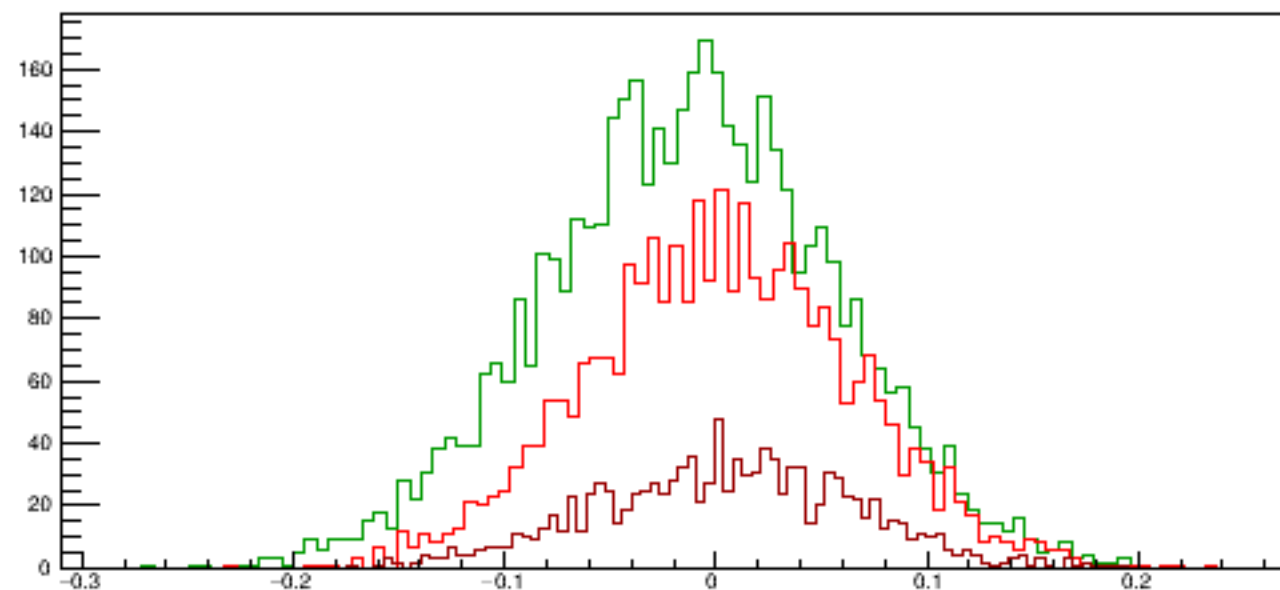
Std Dev: 0.0685 +/- 0.0007

Entries: 1158

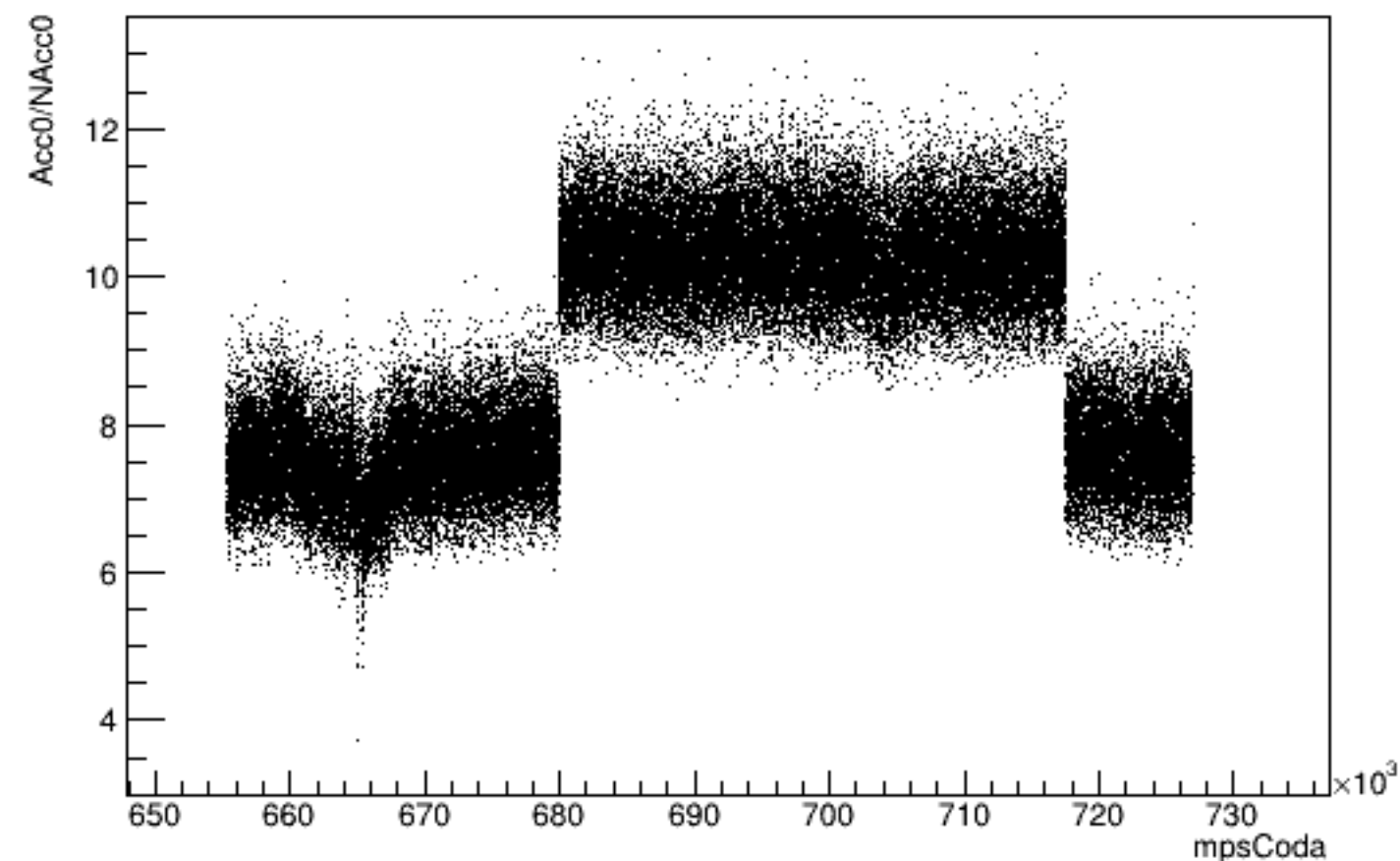
Mean: 0.0048 +/- 0.0018

Std Dev: 0.0619 +/- 0.0013

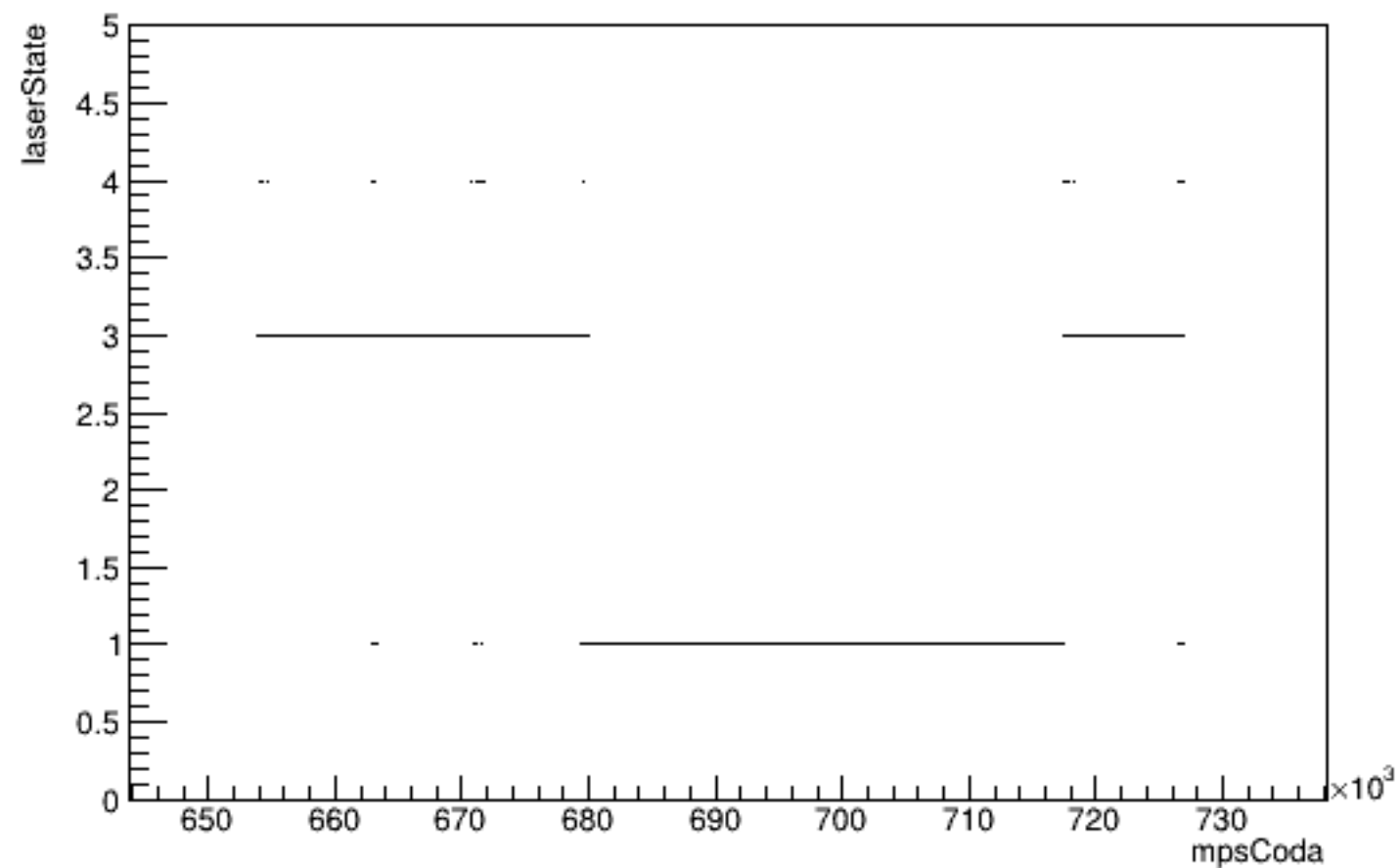
Run 4469 quartetwise, Asyms



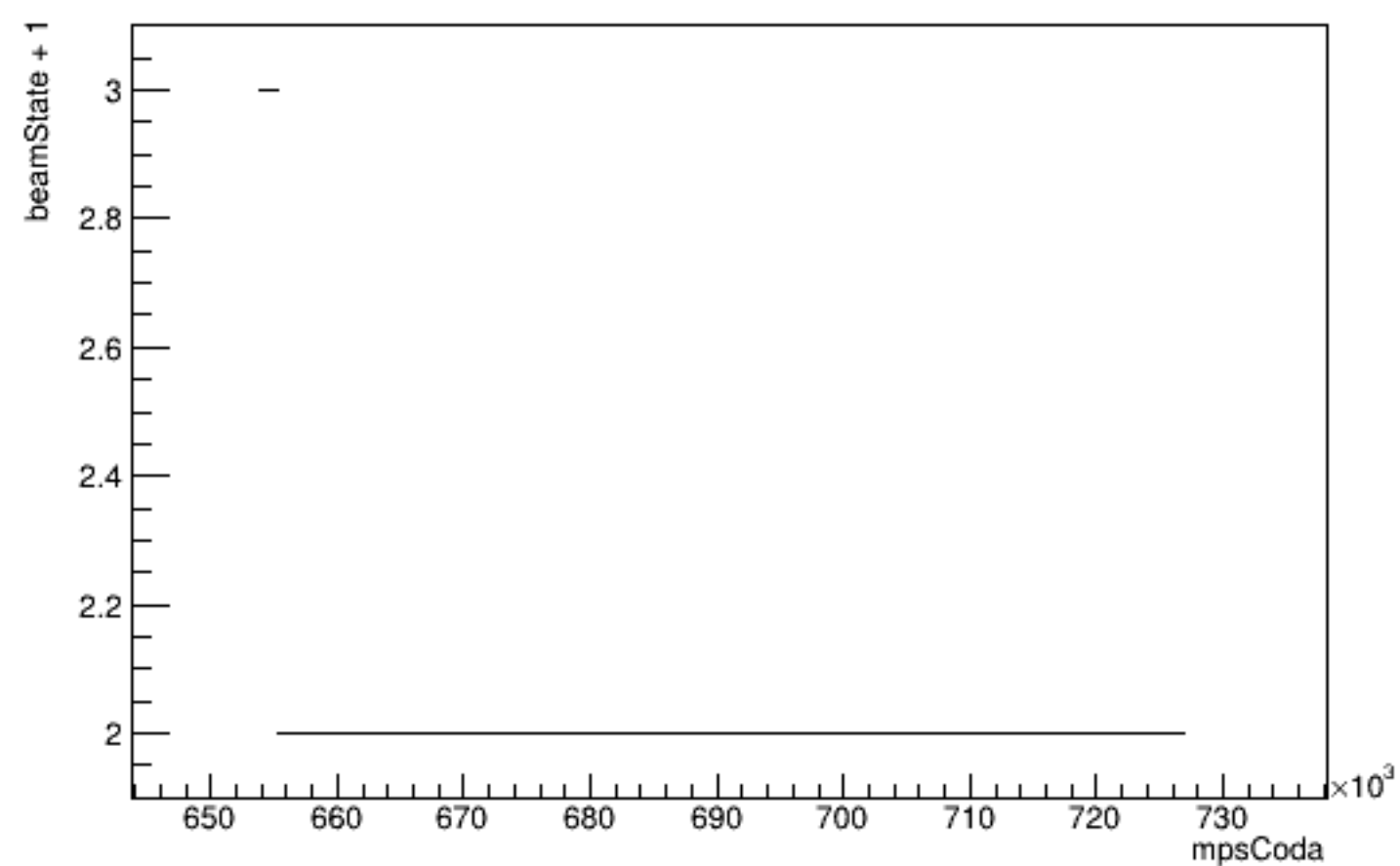
Acc0/NAcc0:mpsCoda (mpsCoda>=653929 && mpsCoda<=726904 && beamState==1)



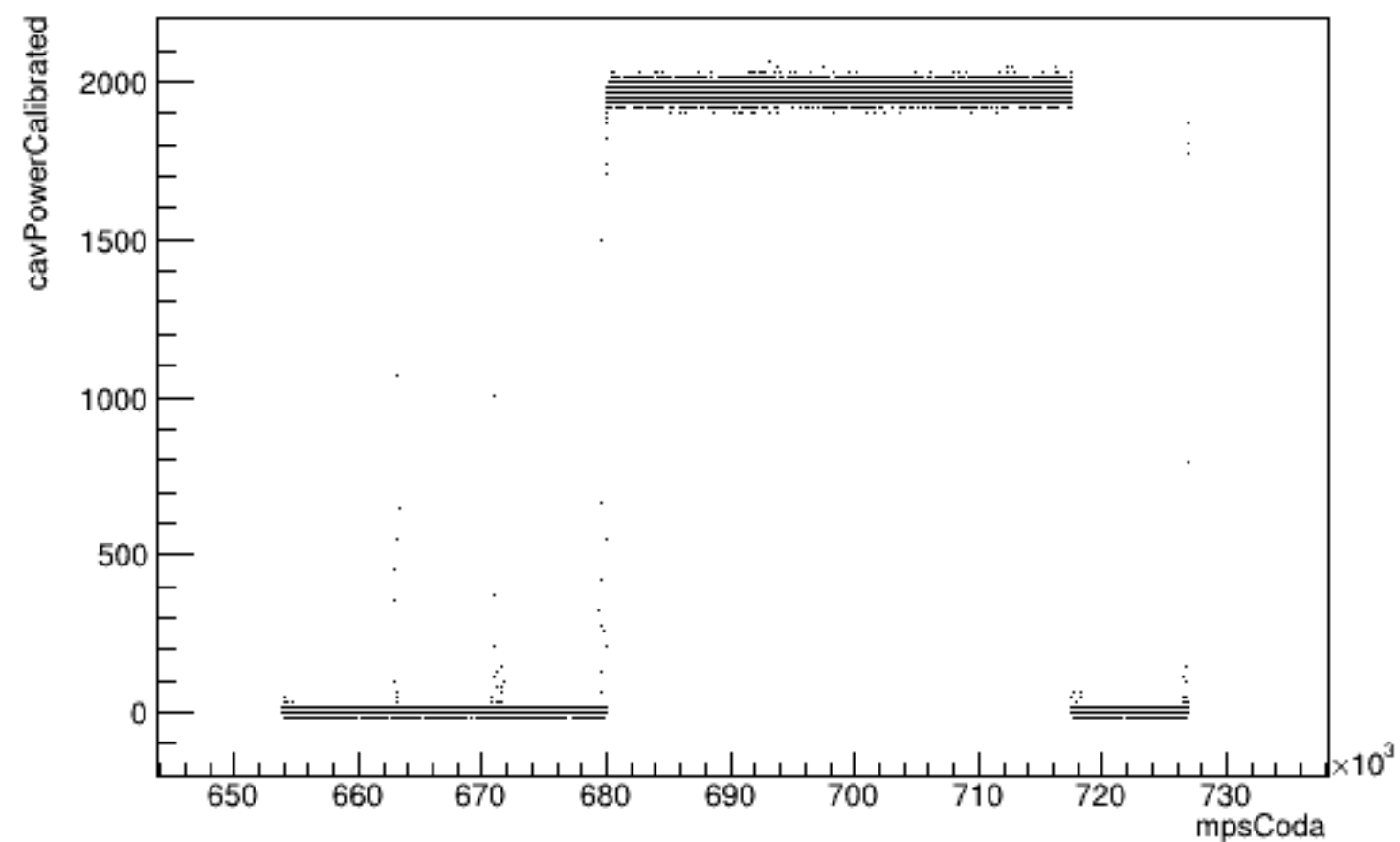
laserState:mpsCoda {mpsCoda>=653929 && mpsCoda<=726904}



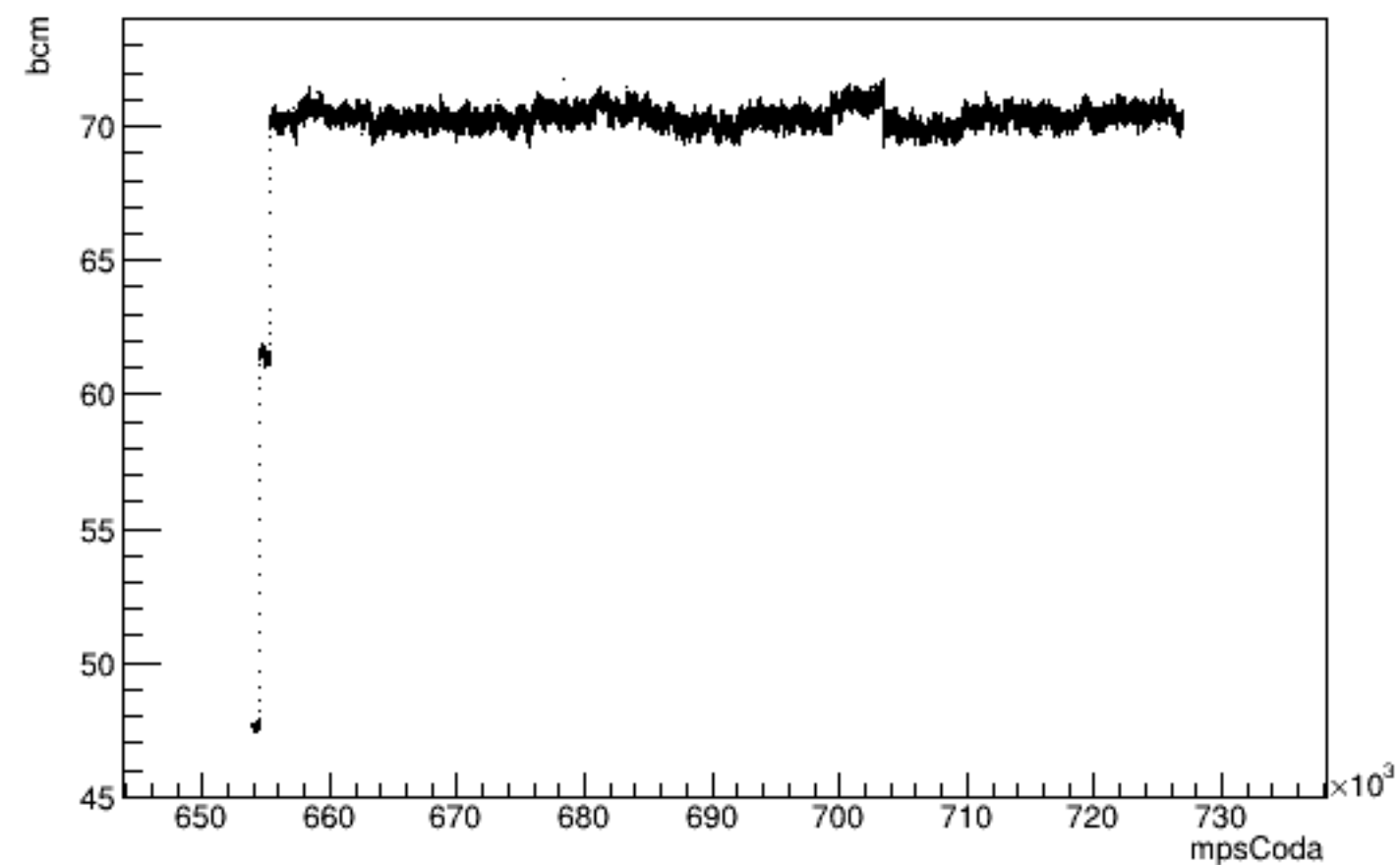
beamState + 1:mpsCoda {mpsCoda>=653929 && mpsCoda<=726904}



cavPowerCalibrated:mpsCoda {mpsCoda>=653929 && mpsCoda<=726904}



bcm:mpsCoda {mpsCoda>=653929 && mpsCoda<=726904}



Cycle 14, Diffs

Entries: 1158

Mean: 0.0264 +/- 0.0100

Std Dev: 0.3391 +/- 0.0070

Entries: 4593

Mean: -0.0554 +/- 0.0056

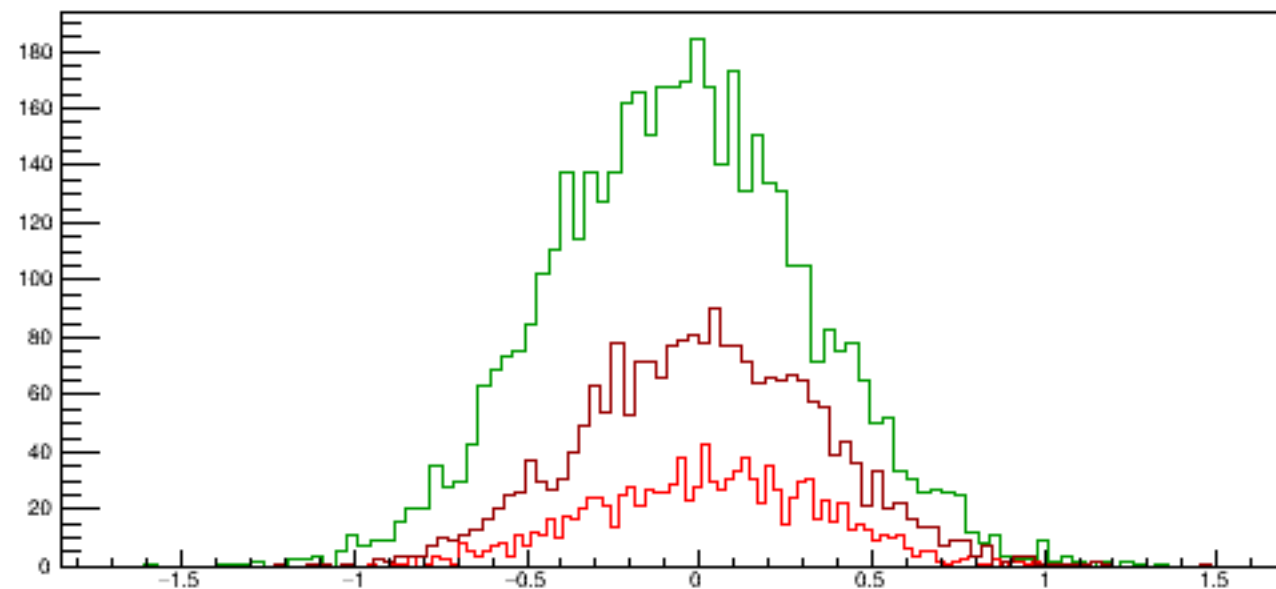
Std Dev: 0.3778 +/- 0.0039

Entries: 2218

Mean: 0.0134 +/- 0.0074

Std Dev: 0.3492 +/- 0.0052

Run 4469 quartetwise, Diffs



Cycle 14, Sums

Entries: 1158

Mean: 15.3205 +/- 0.0140

Std Dev: 0.4780 +/- 0.0099

Entries: 4593

Mean: 20.7558 +/- 0.0077

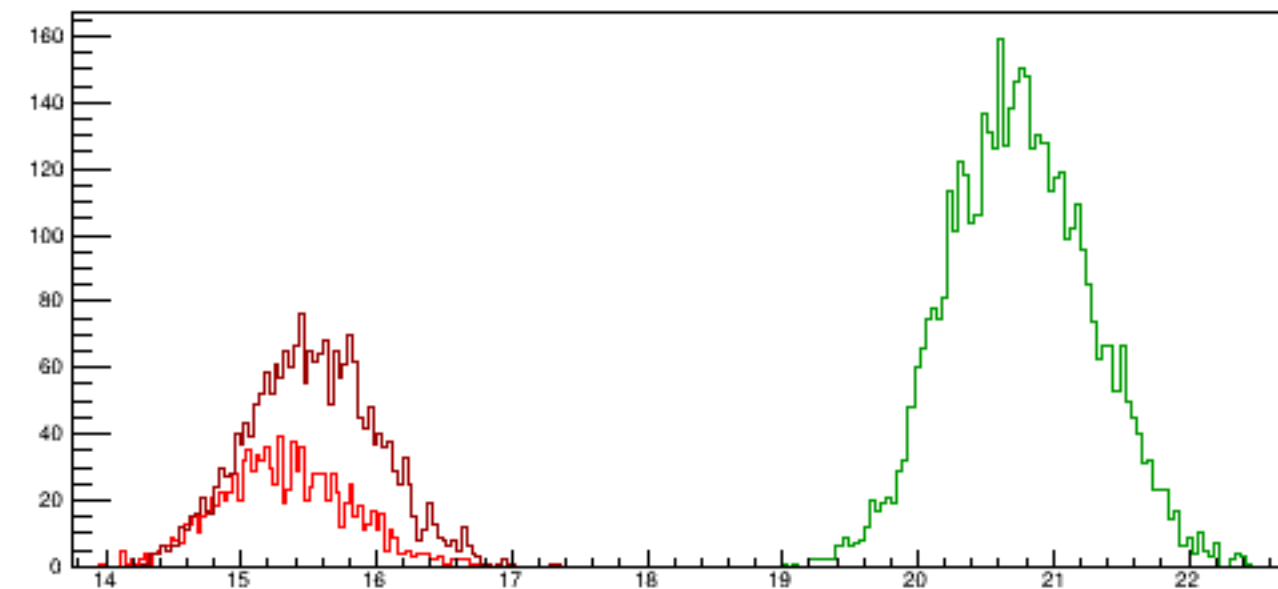
Std Dev: 0.5247 +/- 0.0055

Entries: 2218

Mean: 15.5309 +/- 0.0102

Std Dev: 0.4787 +/- 0.0072

Run 4469 quartetwise, Sums



Cycle 14, Asyms

Entries: 1158

Mean: 0.0050 +/- 0.0019

Std Dev: 0.0636 +/- 0.0013

Entries: 4593

Mean: -0.0106 +/- 0.0011

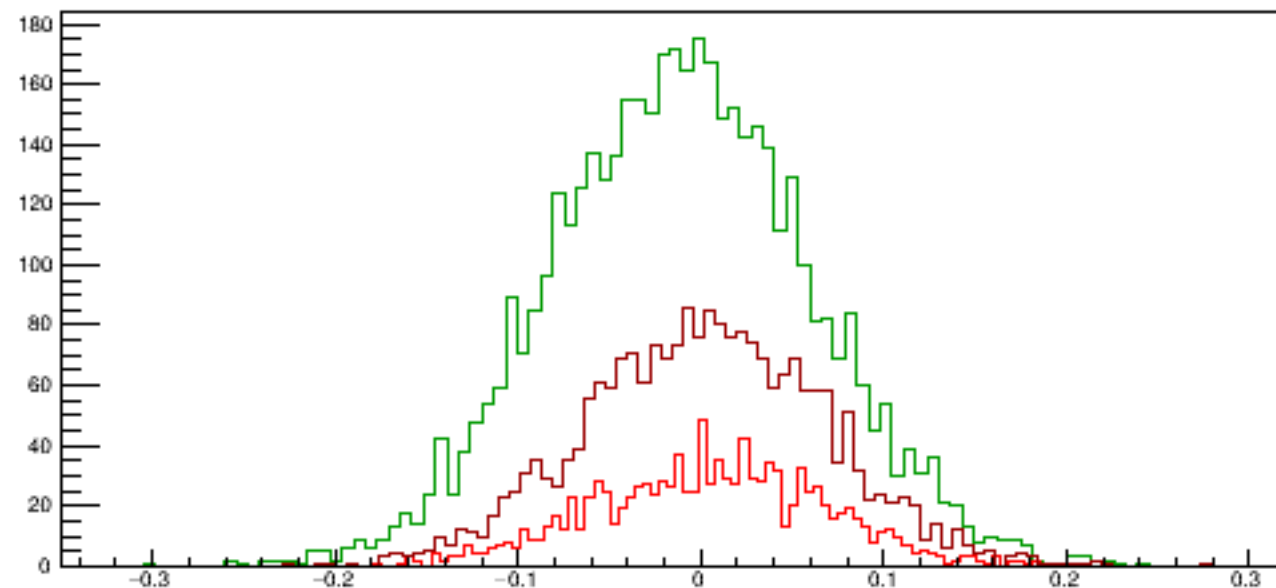
Std Dev: 0.0712 +/- 0.0007

Entries: 2218

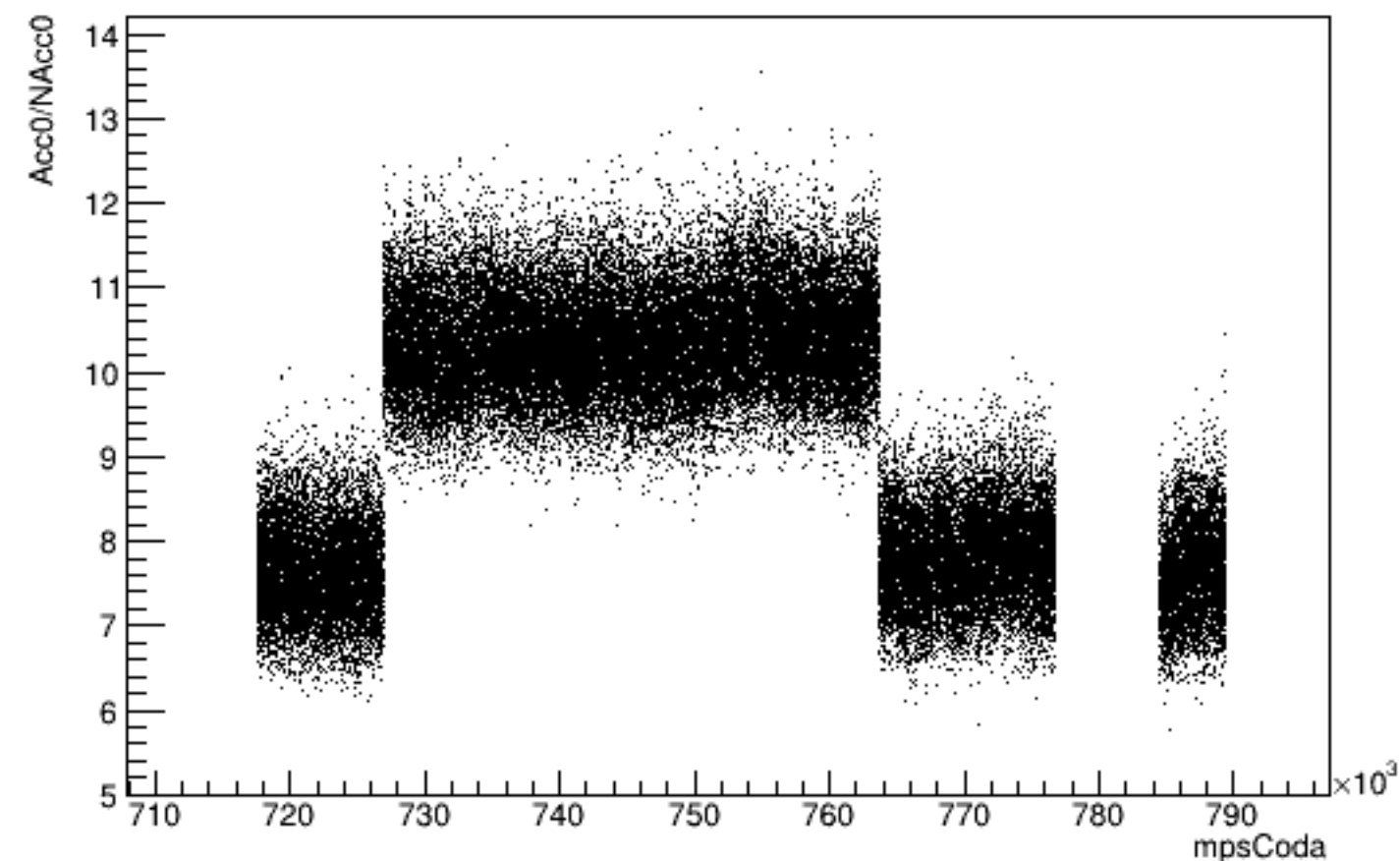
Mean: 0.0025 +/- 0.0014

Std Dev: 0.0655 +/- 0.0010

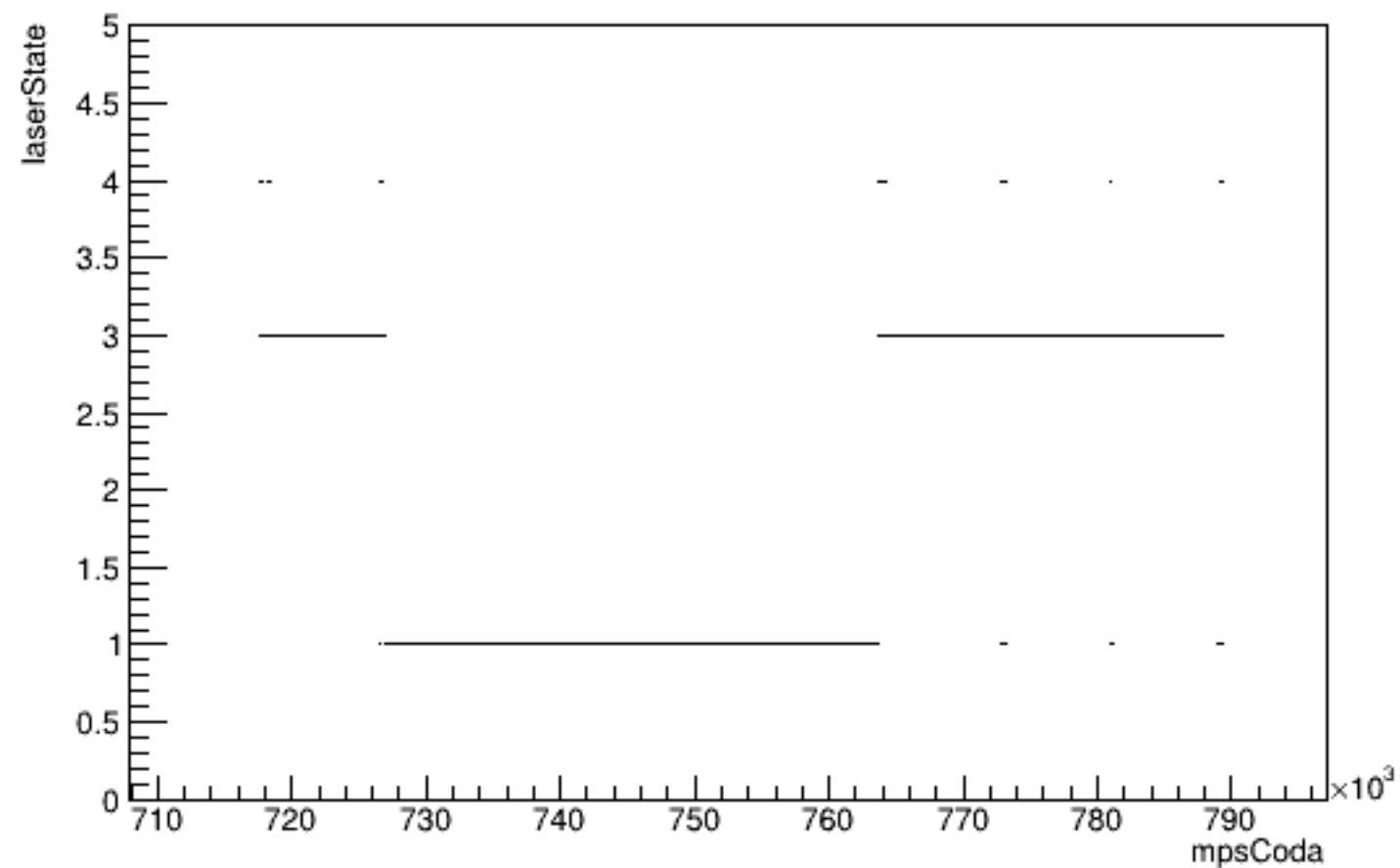
Run 4469 quartetwise, Asyms



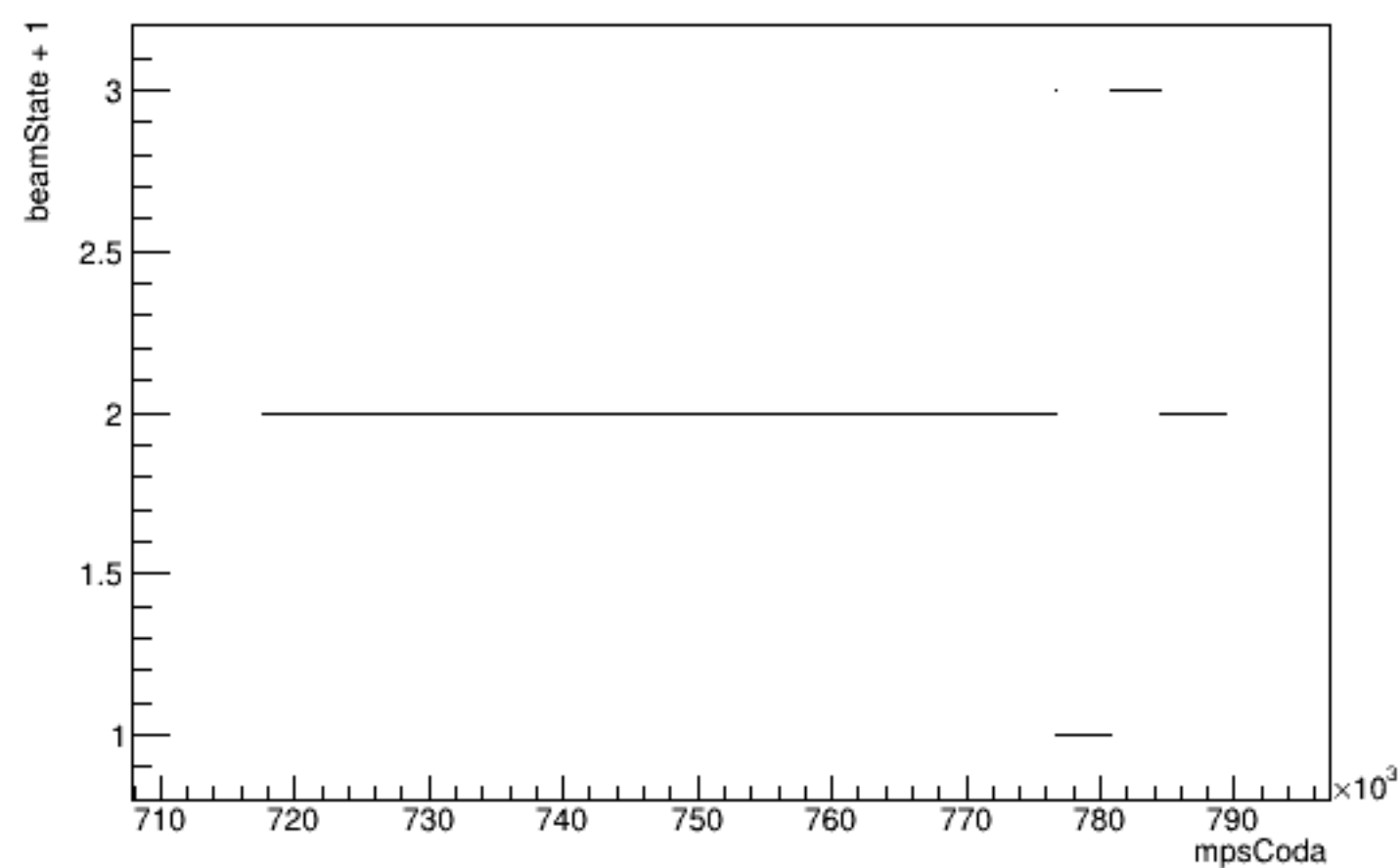
Acc0/NAcc0:mpsCoda (mpsCoda>=717529 && mpsCoda<=789376 && beamState==1)



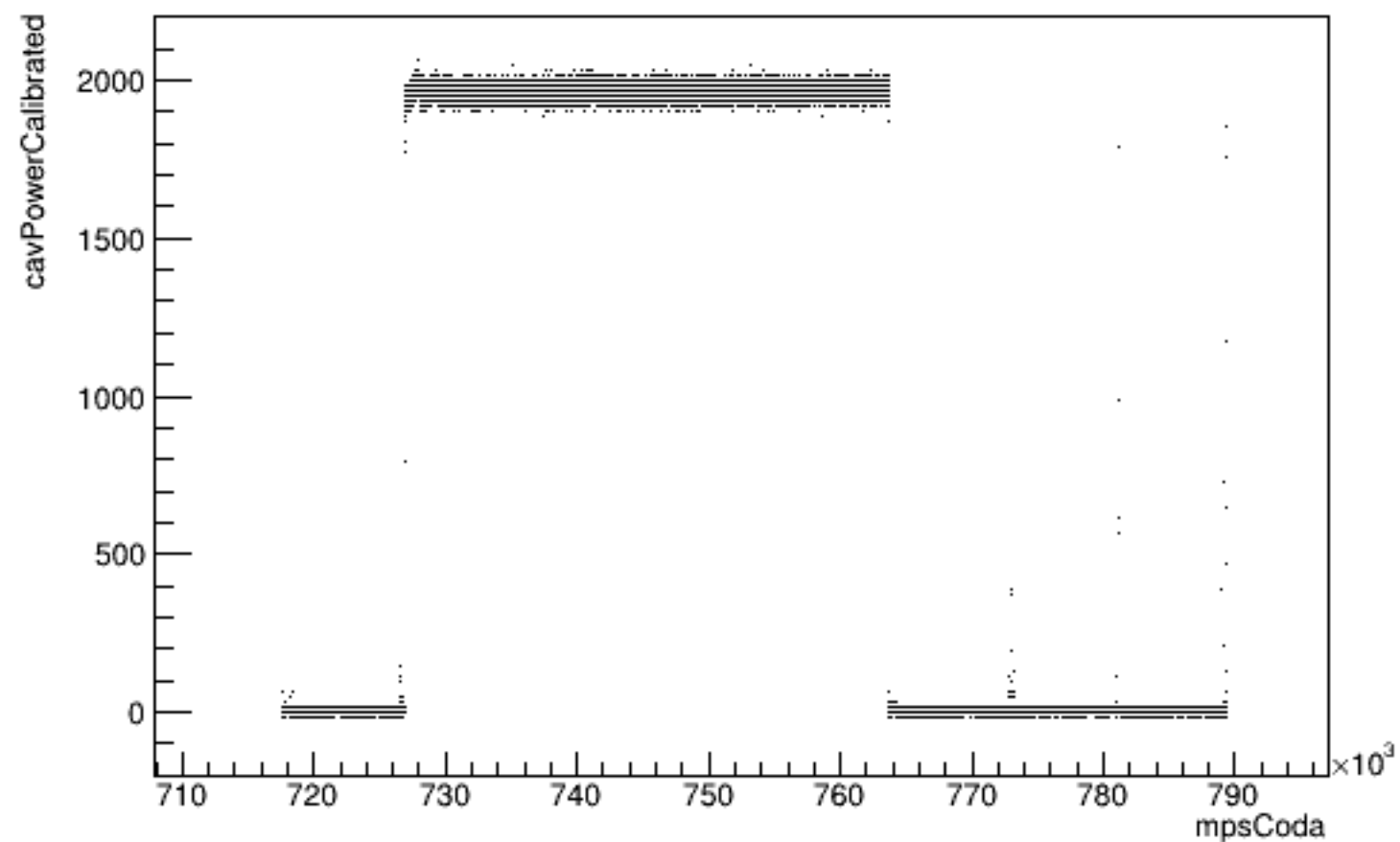
laserState:mpsCoda {mpsCoda>=717529 && mpsCoda<=789376}



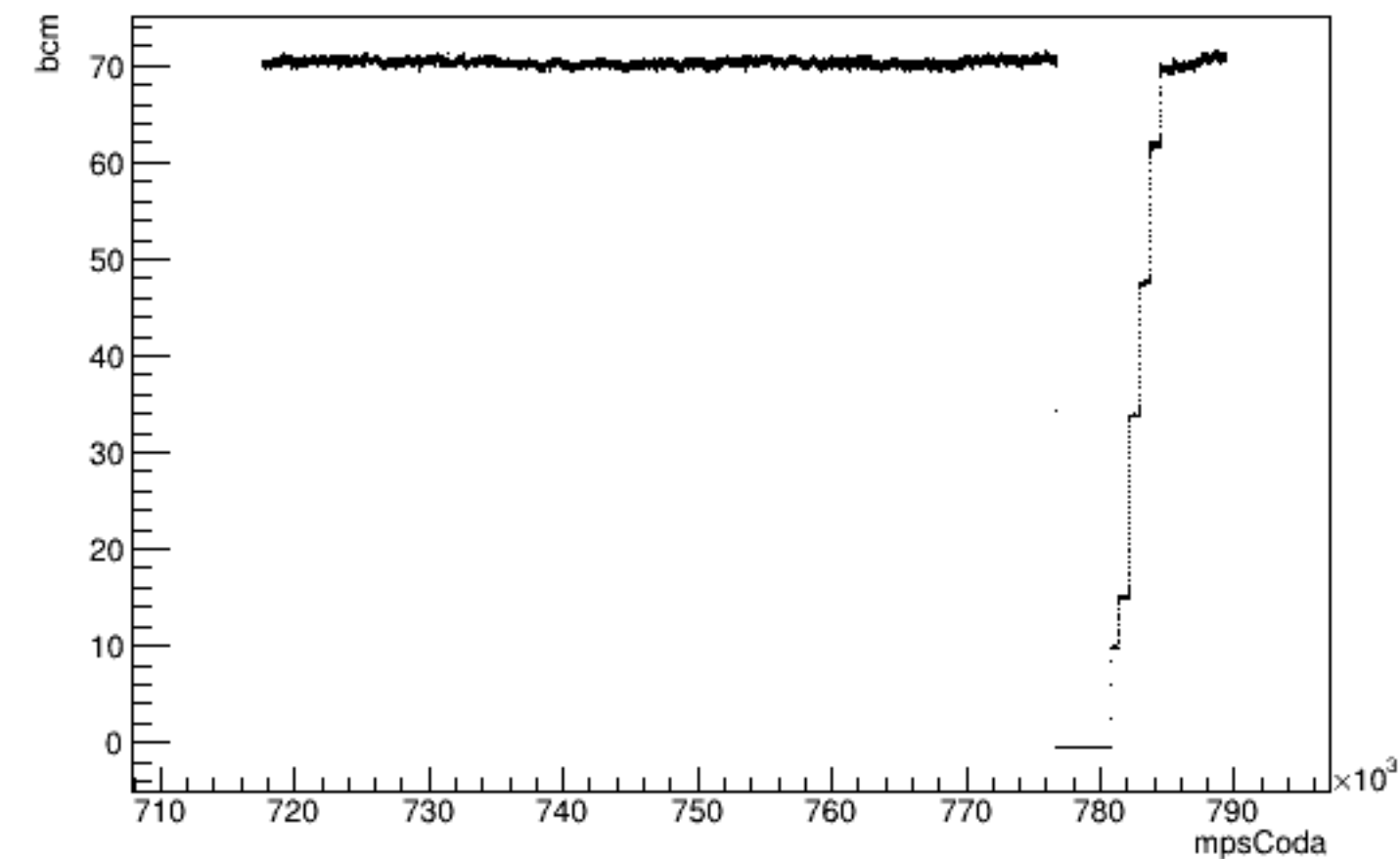
beamState + 1:mpsCoda {mpsCoda>=717529 && mpsCoda<=789376}



cavPowerCalibrated:mpsCoda {mpsCoda>=717529 && mpsCoda<=789376}



bcm:mpsCoda {mpsCoda>=717529 && mpsCoda<=789376}



Cycle 15, Diffs

Entries: 2218

Mean: 0.0134 +/- 0.0074

Std Dev: 0.3492 +/- 0.0052

Entries: 4681

Mean: -0.0620 +/- 0.0057

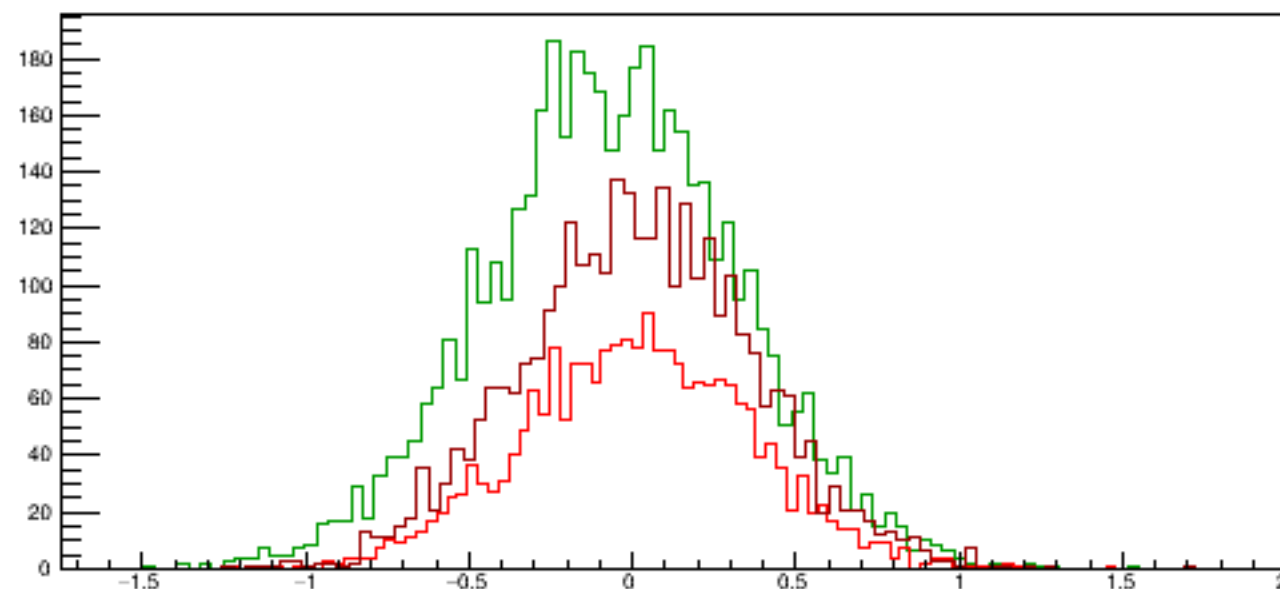
Std Dev: 0.3881 +/- 0.0040

Entries: 3158

Mean: 0.0151 +/- 0.0063

Std Dev: 0.3560 +/- 0.0045

Run 4469 quartetwise, Diffs



Cycle 15, Sums

Entries: 2218

Mean: 15.5309 +/- 0.0102

Std Dev: 0.4787 +/- 0.0072

Entries: 4681

Mean: 21.0805 +/- 0.0077

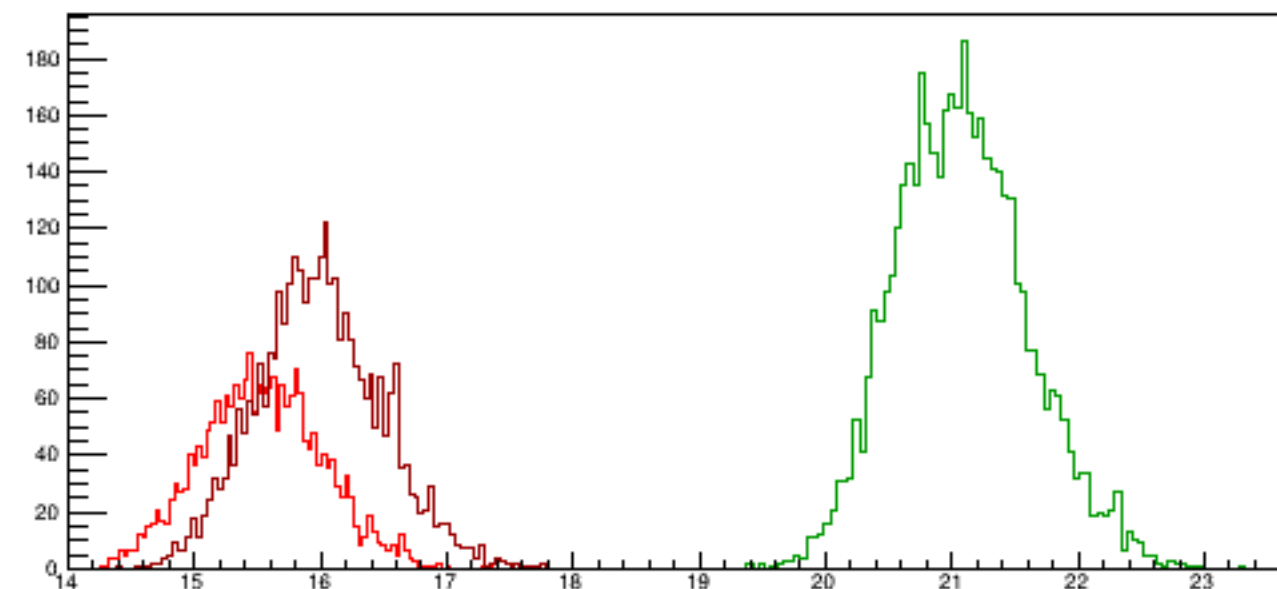
Std Dev: 0.5290 +/- 0.0055

Entries: 3158

Mean: 15.9878 +/- 0.0088

Std Dev: 0.4972 +/- 0.0063

Run 4469 quartetwise, Sums



Cycle 15, Asyms

Entries: 2218

Mean: 0.0025 +/- 0.0014

Std Dev: 0.0656 +/- 0.0010

Entries: 4681

Mean: -0.0118 +/- 0.0011

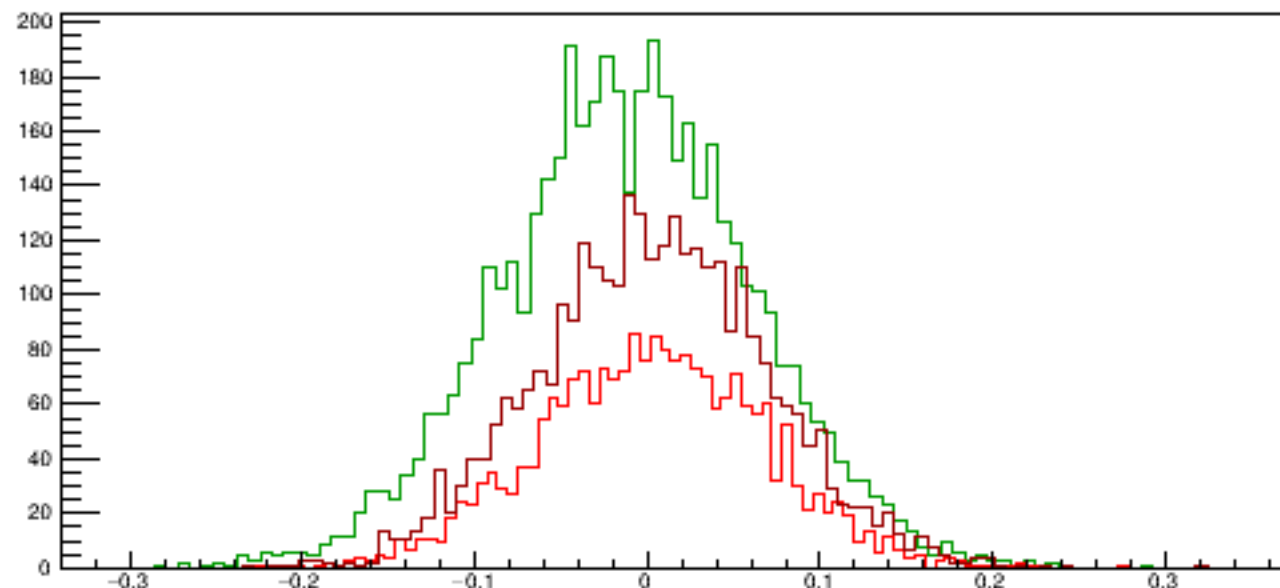
Std Dev: 0.0734 +/- 0.0008

Entries: 3158

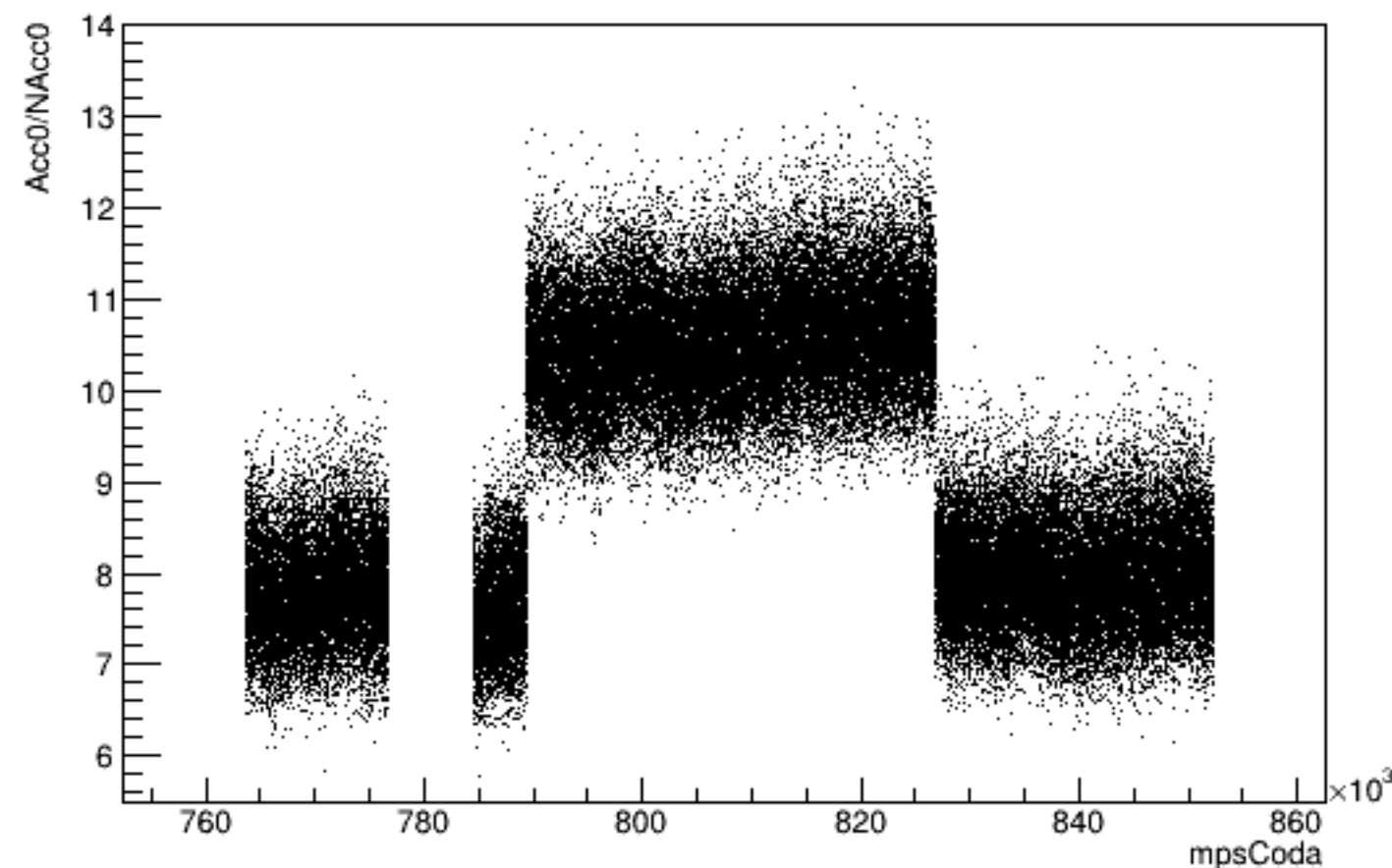
Mean: 0.0028 +/- 0.0012

Std Dev: 0.0669 +/- 0.0008

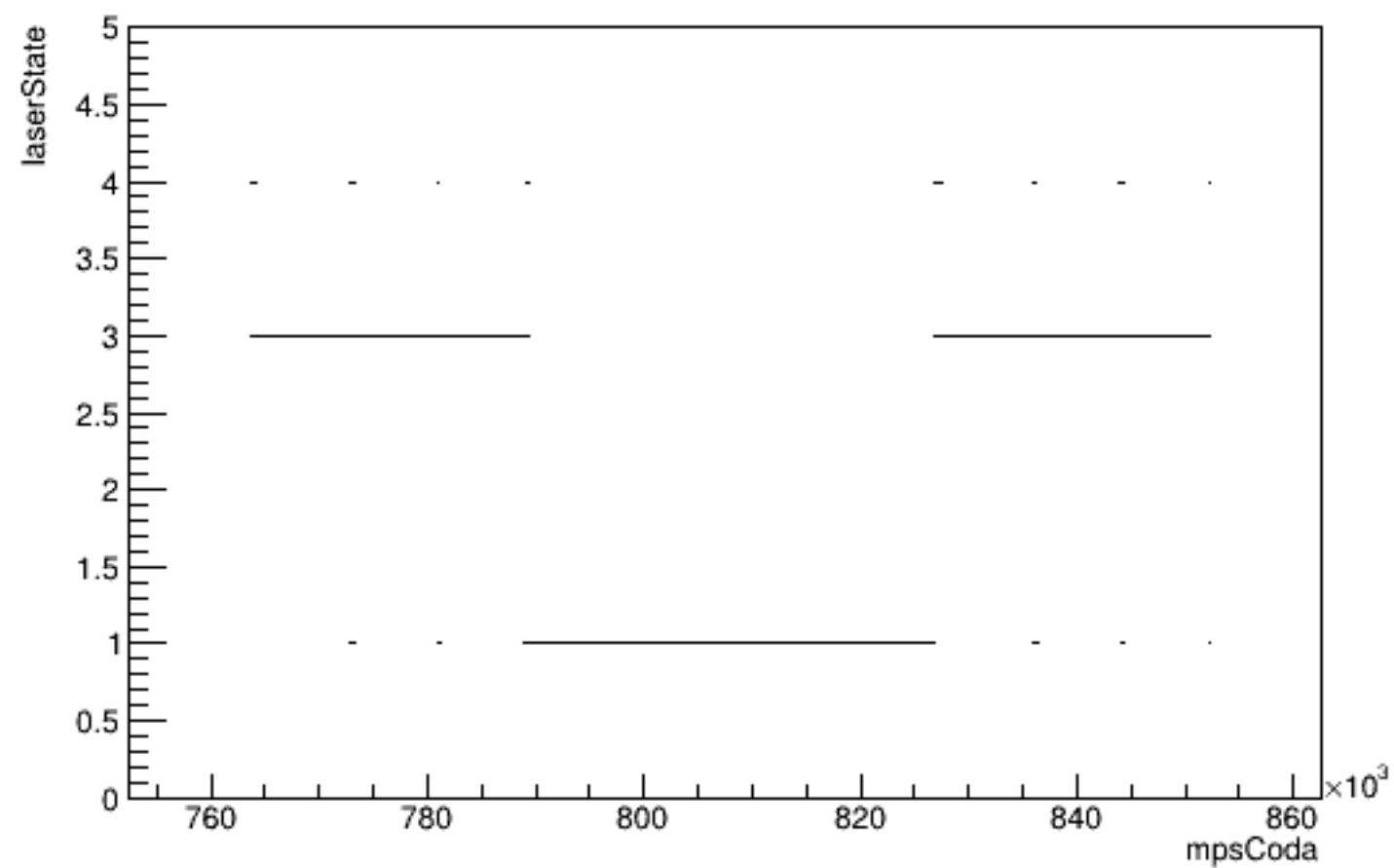
Run 4469 quartetwise, Asyms



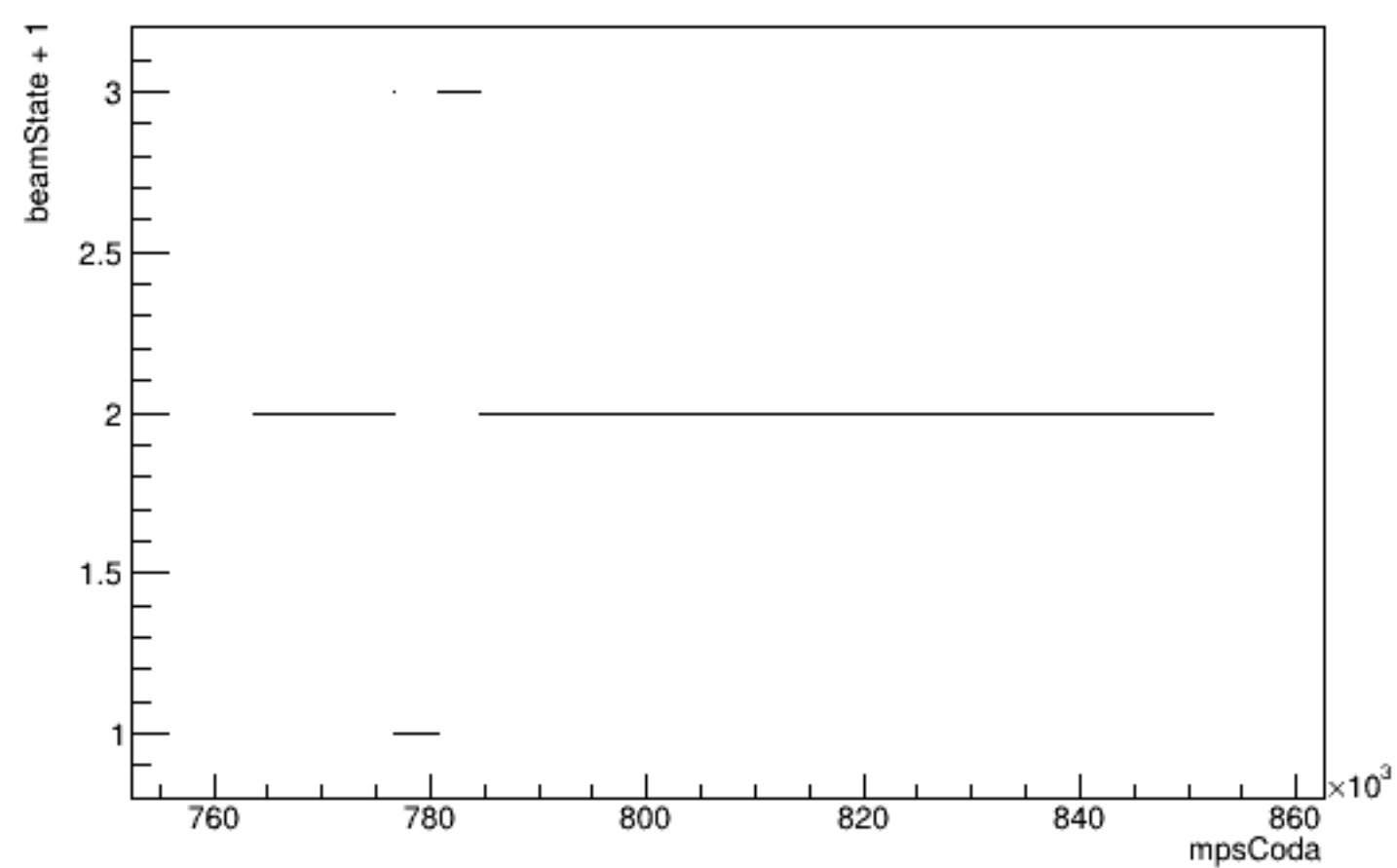
Acc0/NAcc0:mpsCoda (mpsCoda>=763657 && mpsCoda<=852320 && beamState==1)



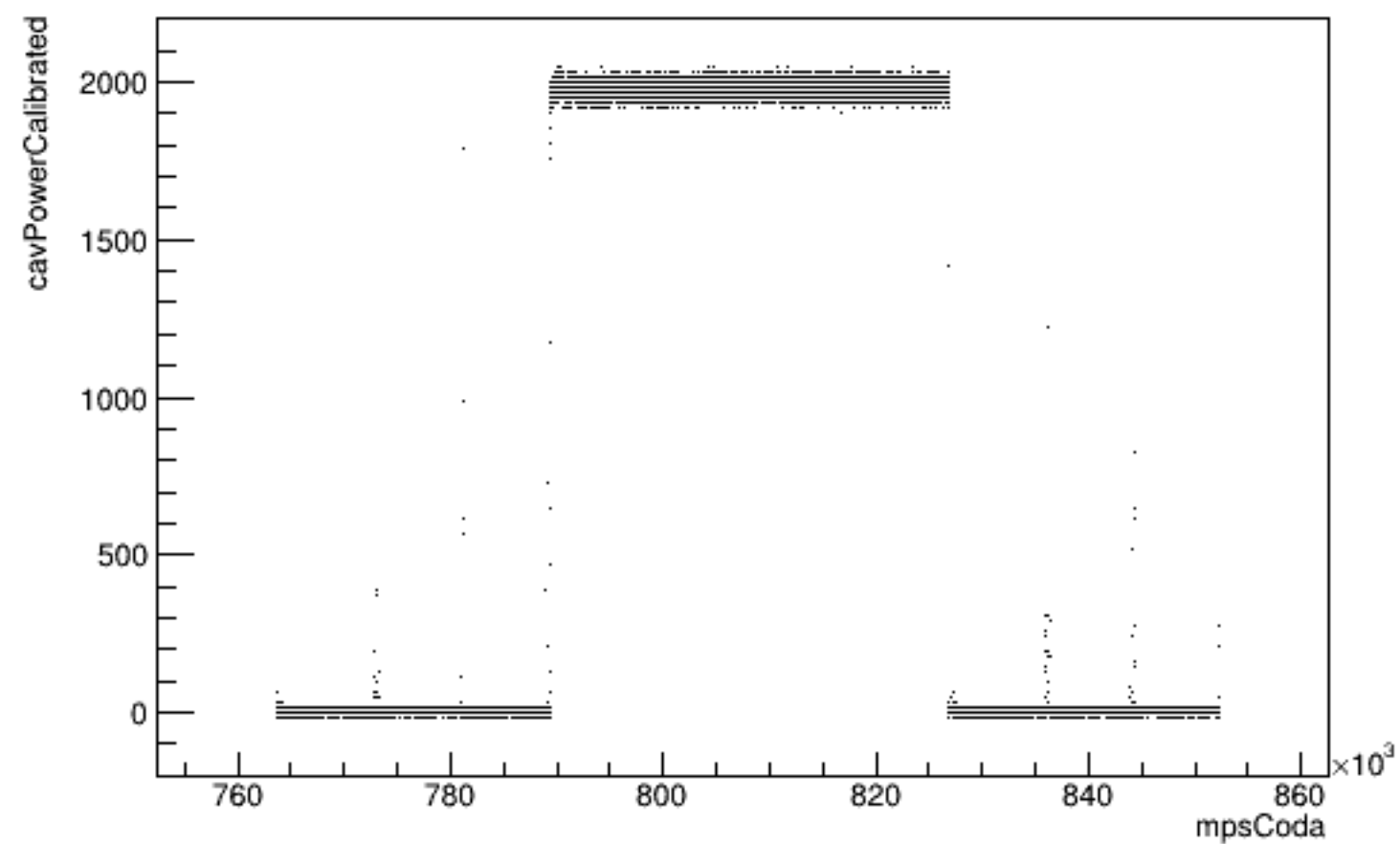
laserState:mpsCoda {mpsCoda>=763657 && mpsCoda<=852320}



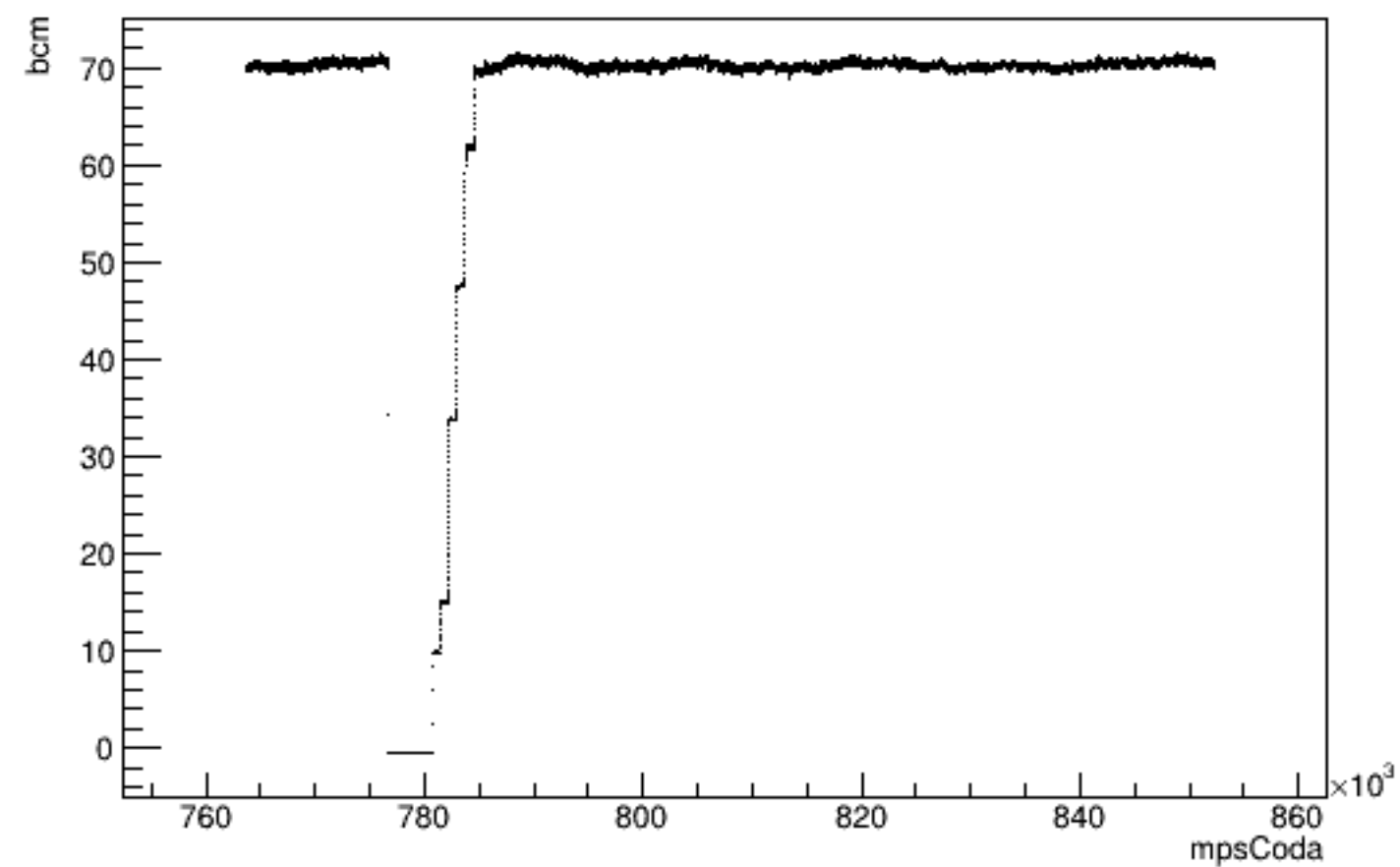
beamState + 1:mpsCoda {mpsCoda>=763657 && mpsCoda<=852320}



cavPowerCalibrated:mpsCoda {mpsCoda>=763657 && mpsCoda<=852320}



bcm:mpsCoda {mpsCoda>=763657 && mpsCoda<=852320}



Cycle 16, Diffs

Entries: 3158

Mean: 0.0151 +/- 0.0063

Std Dev: 0.3560 +/- 0.0045

Entries: 4587

Mean: -0.0590 +/- 0.0057

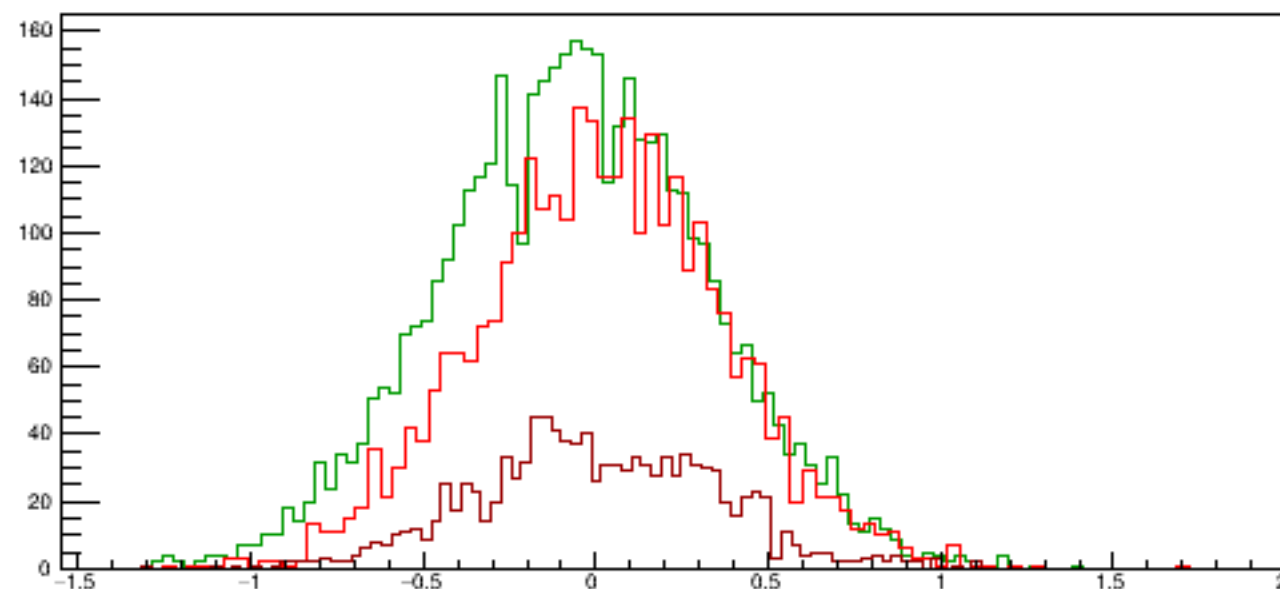
Std Dev: 0.3861 +/- 0.0040

Entries: 1122

Mean: 0.0049 +/- 0.0104

Std Dev: 0.3492 +/- 0.0074

Run 4469 quartetwise, Diffs



Cycle 16, Sums

Entries: 3158

Mean: 15.9878 +/- 0.0088

Std Dev: 0.4972 +/- 0.0063

Entries: 4587

Mean: 21.1886 +/- 0.0078

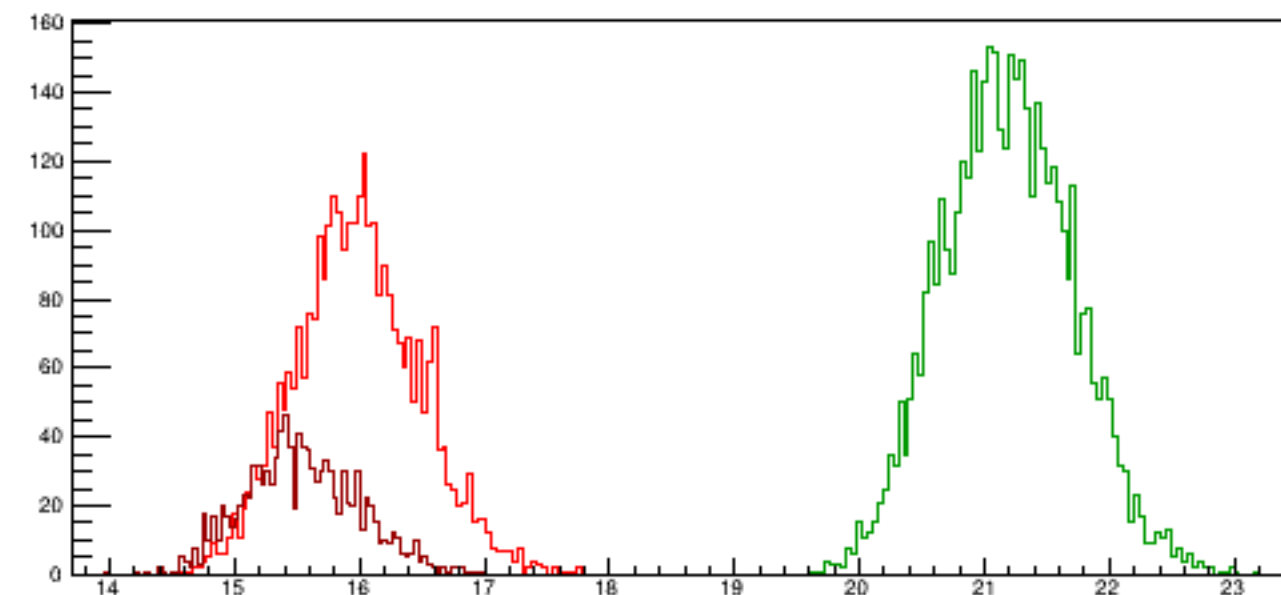
Std Dev: 0.5259 +/- 0.0055

Entries: 1122

Mean: 15.5379 +/- 0.0137

Std Dev: 0.4596 +/- 0.0097

Run 4469 quartetwise, Sums



Cycle 16, Asyms

Entries: 3158

Mean: 0.0028 +/- 0.0012

Std Dev: 0.0656 +/- 0.0008

Entries: 4587

Mean: -0.0109 +/- 0.0011

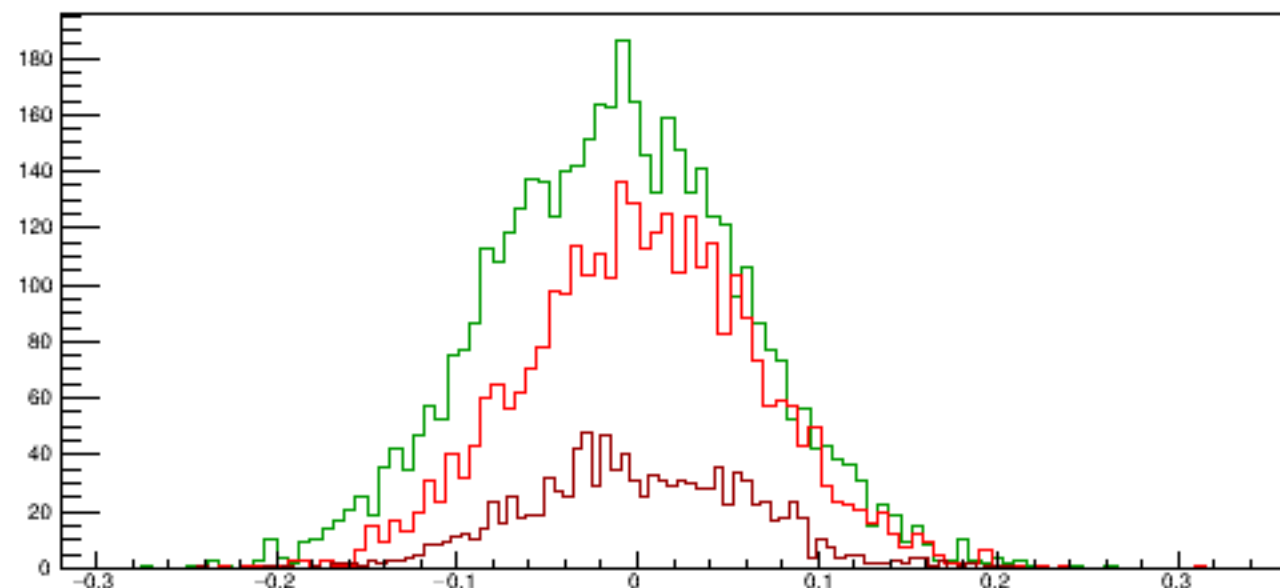
Std Dev: 0.0716 +/- 0.0007

Entries: 1122

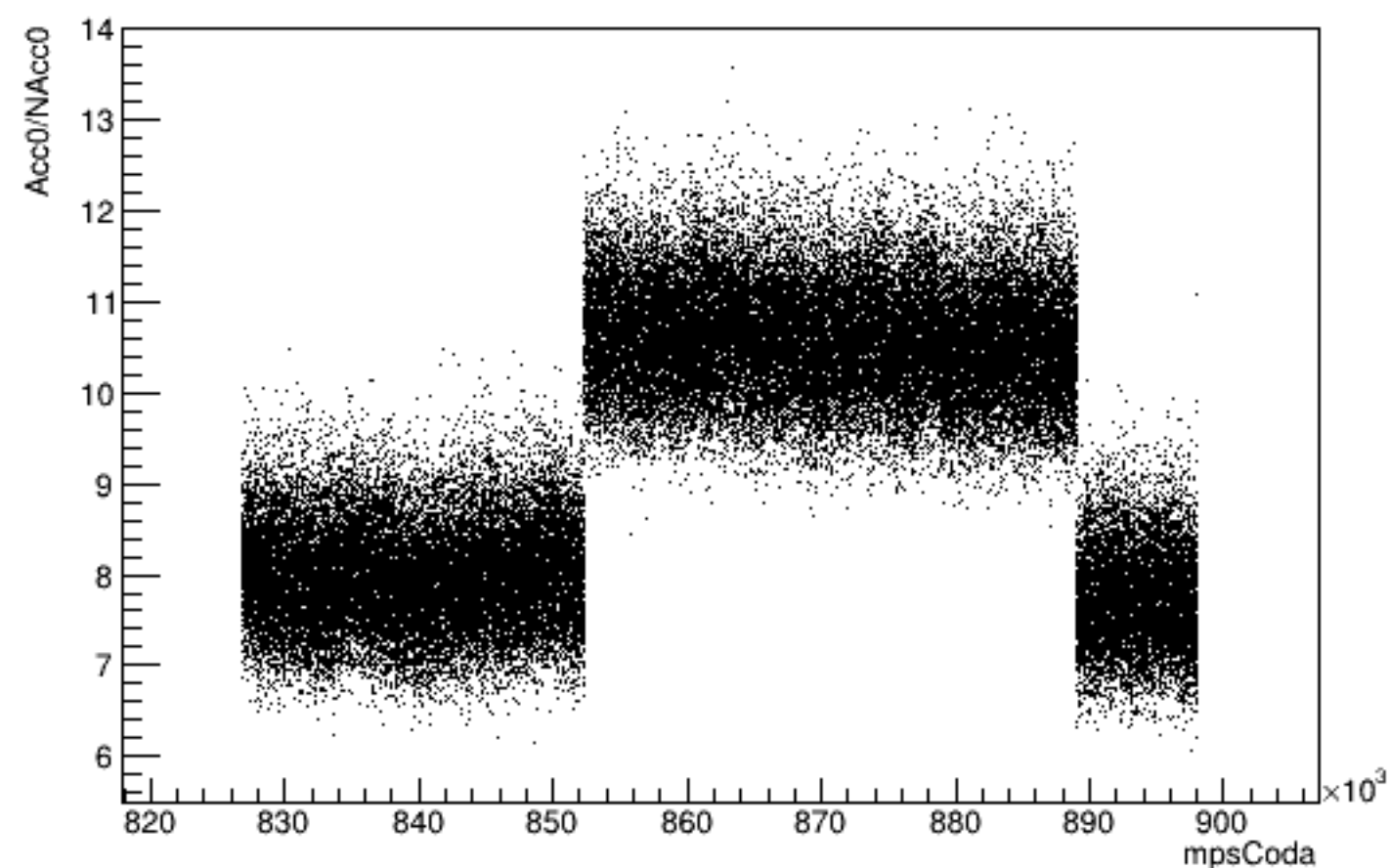
Mean: 0.0009 +/- 0.0019

Std Dev: 0.0644 +/- 0.0014

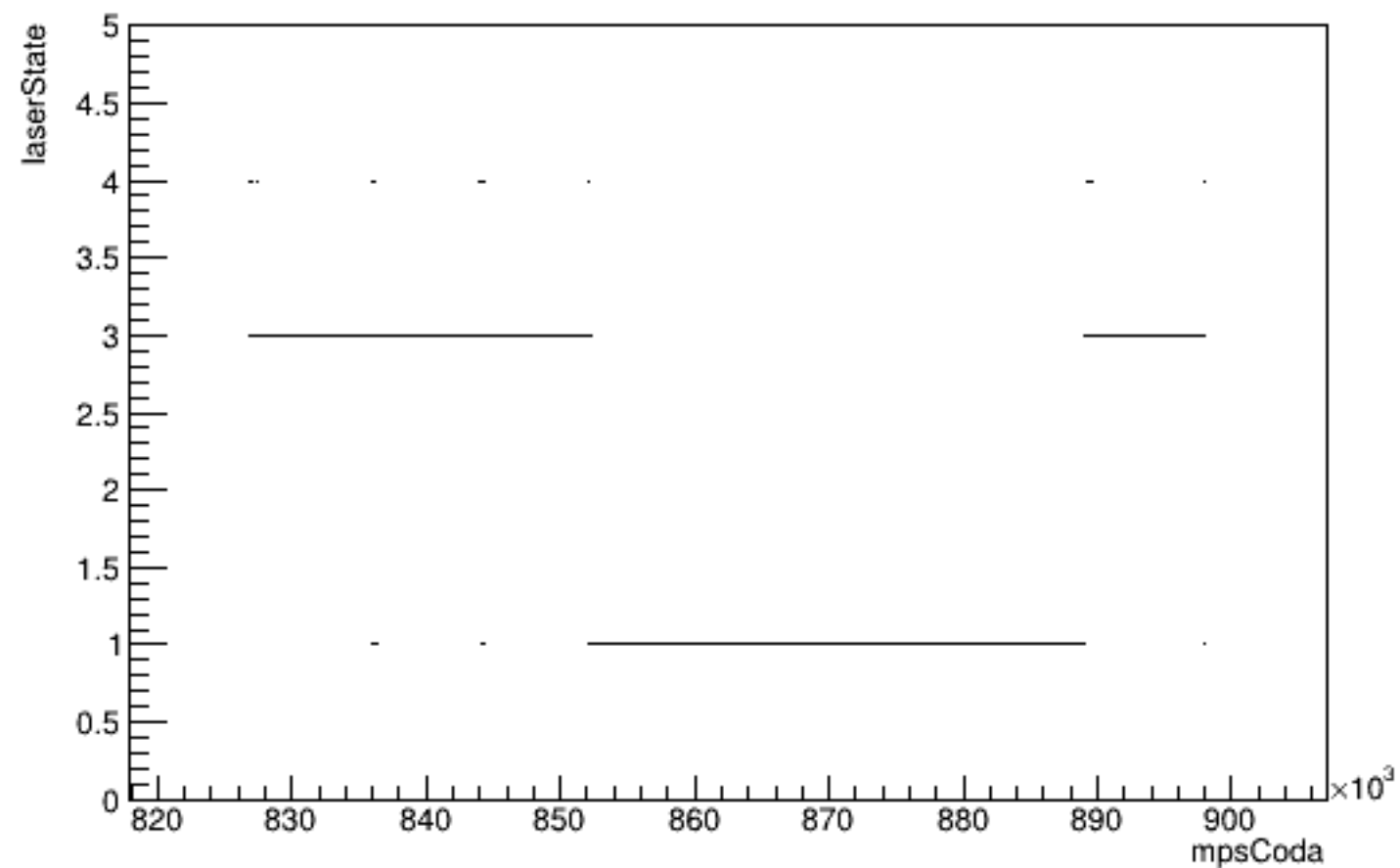
Run 4469 quartetwise, Asyms



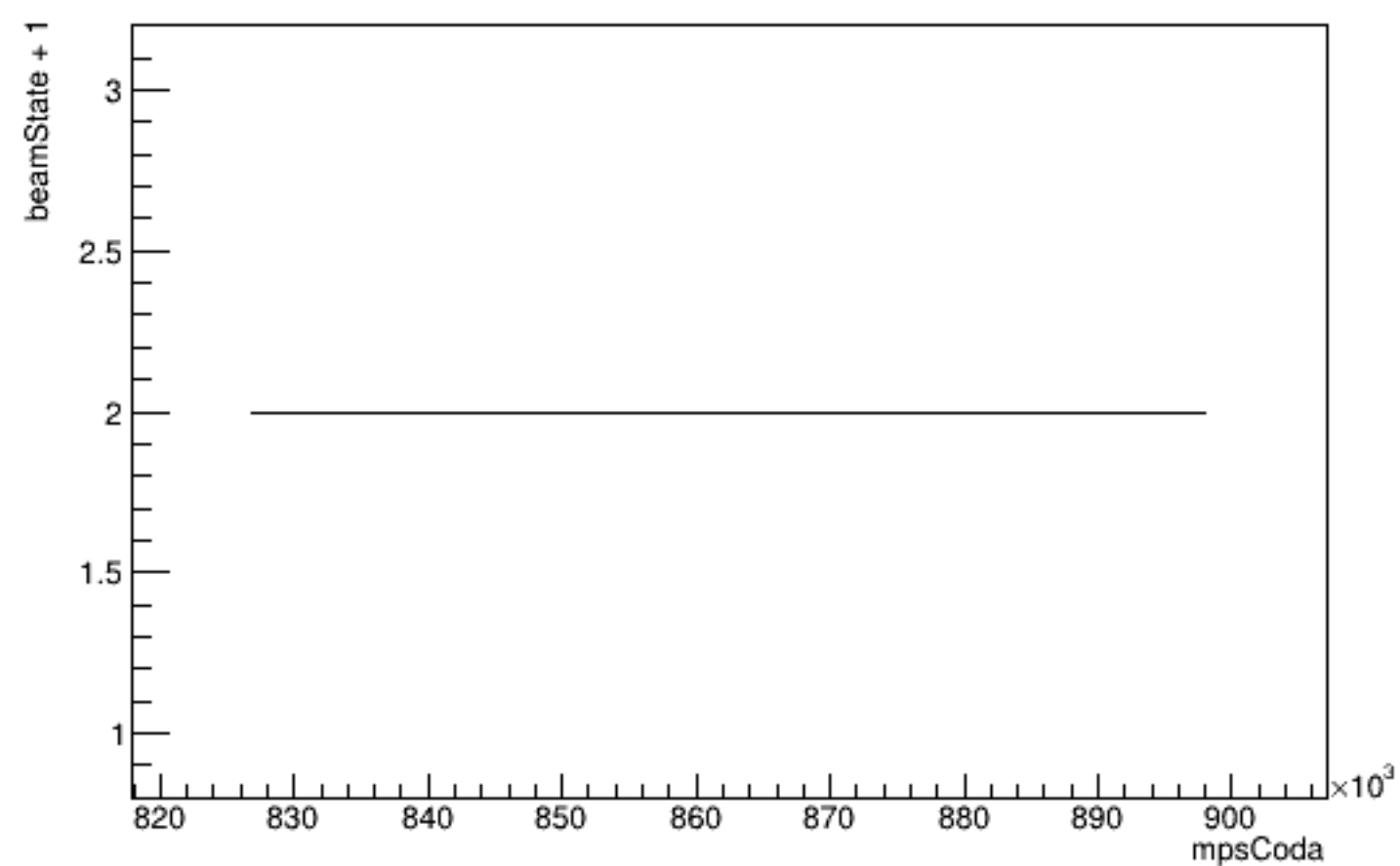
Acc0/NAcc0:mpsCoda (mpsCoda>=826833 && mpsCoda<=898048 && beamState==1)



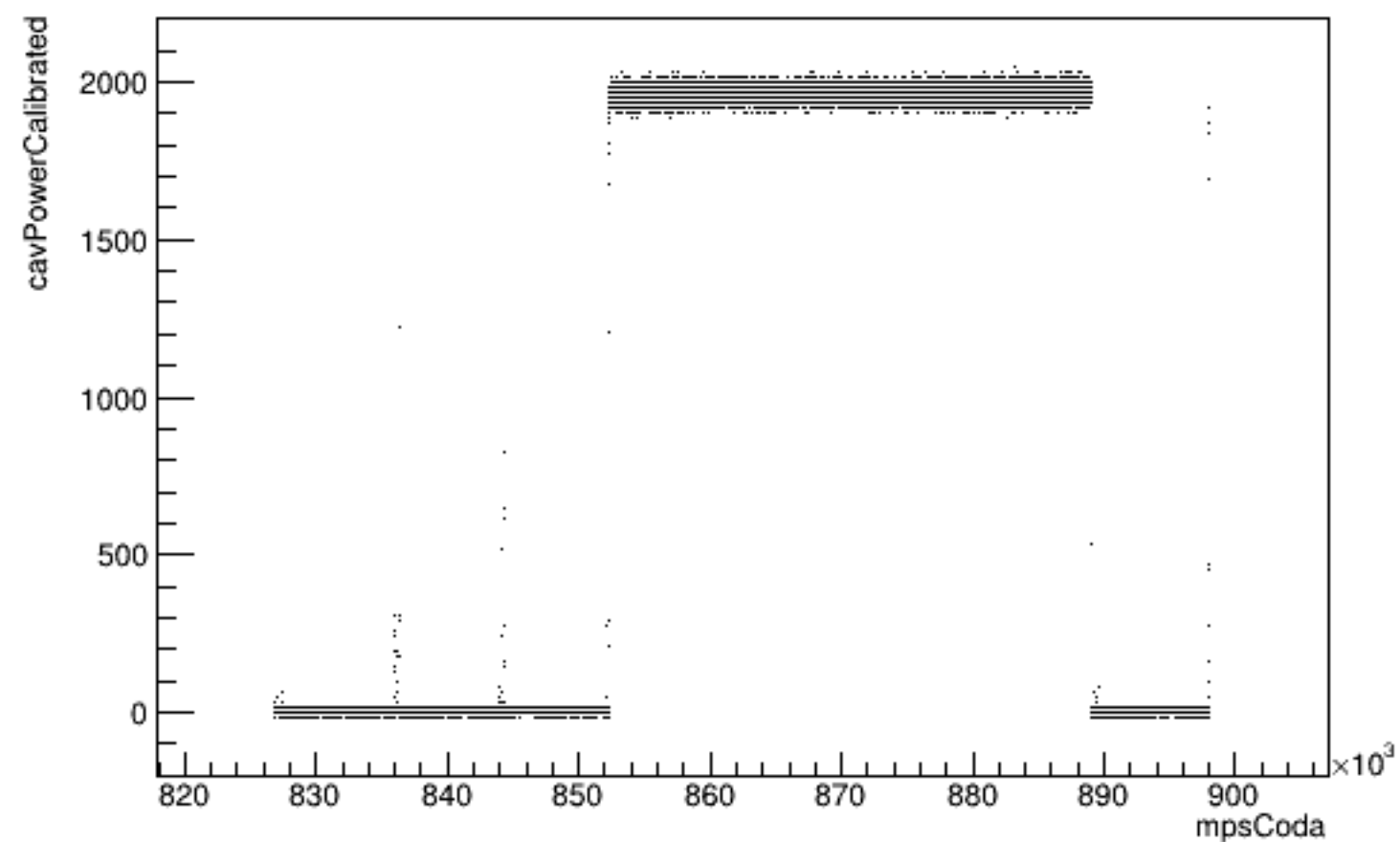
laserState:mpsCoda {mpsCoda>=826833 && mpsCoda<=898048}



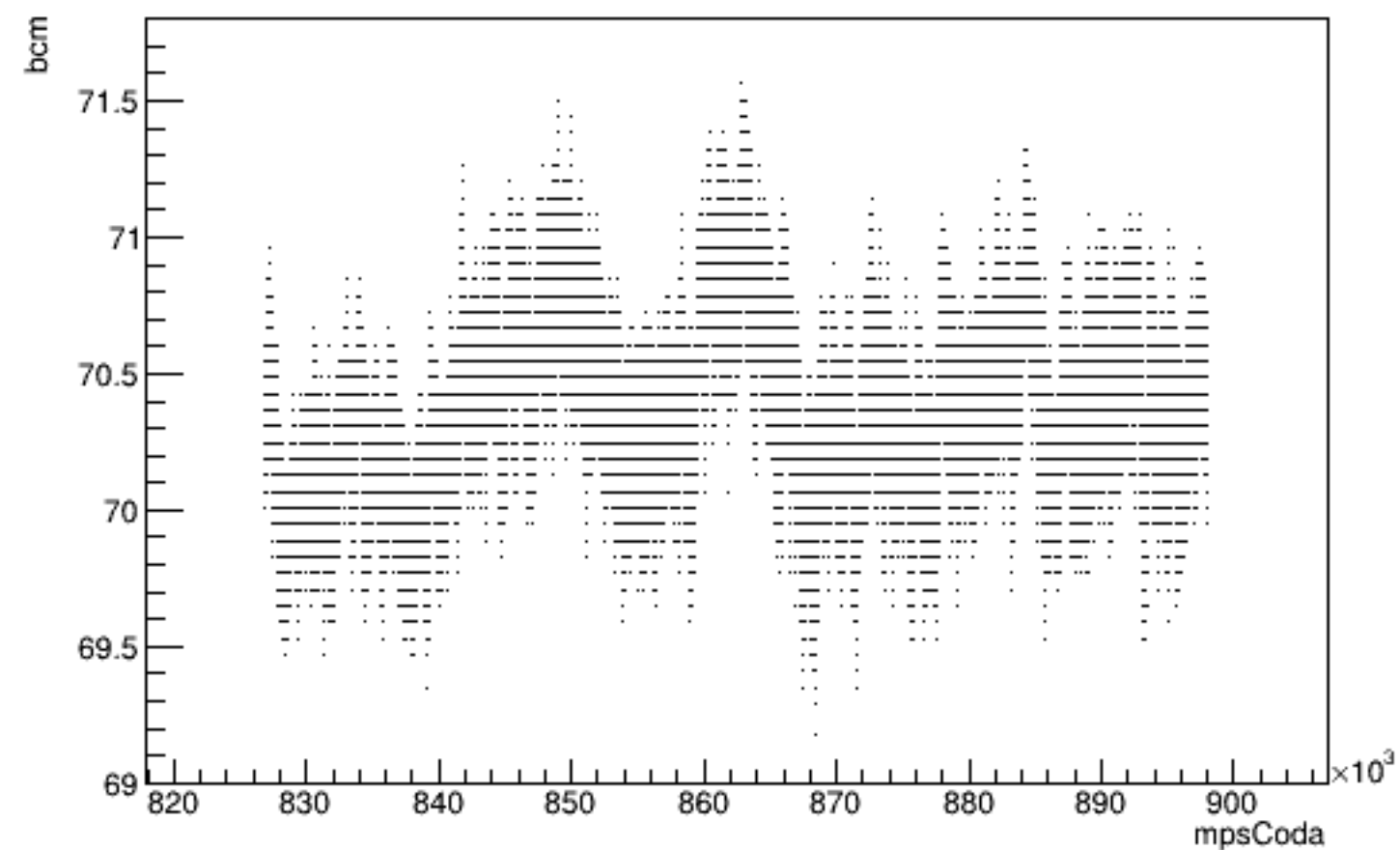
beamState + 1:mpsCoda {mpsCoda>=826833 && mpsCoda<=898048}



cavPowerCalibrated:mpsCoda {mpsCoda>=826833 && mpsCoda<=898048}



bcm:mpsCoda {mpsCoda>=826833 && mpsCoda<=898048}



Cycle 17, Diffs

Entries: 1122

Mean: 0.0049 +/- 0.0104

Std Dev: 0.3492 +/- 0.0074

Entries: 4576

Mean: -0.0652 +/- 0.0058

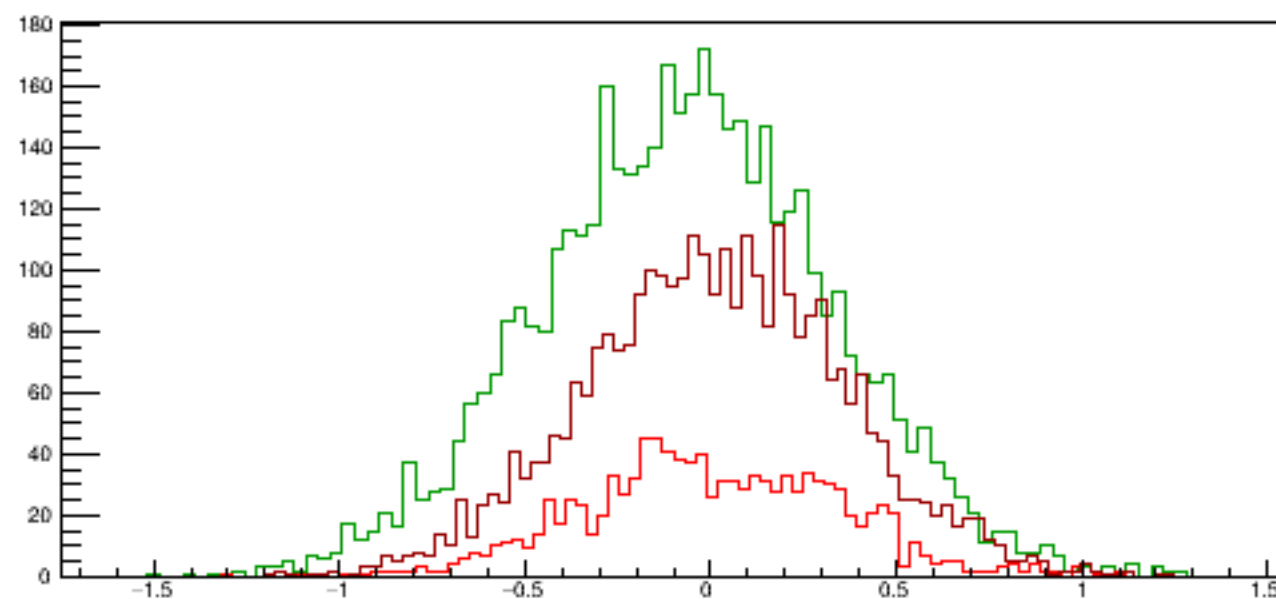
Std Dev: 0.3922 +/- 0.0041

Entries: 3195

Mean: 0.0111 +/- 0.0062

Std Dev: 0.3508 +/- 0.0044

Run 4469 quartetwise, Diffs



Cycle 17, Sums

Entries: 1122

Mean: 15.5379 +/- 0.0137

Std Dev: 0.4596 +/- 0.0097

Entries: 4576

Mean: 21.1440 +/- 0.0077

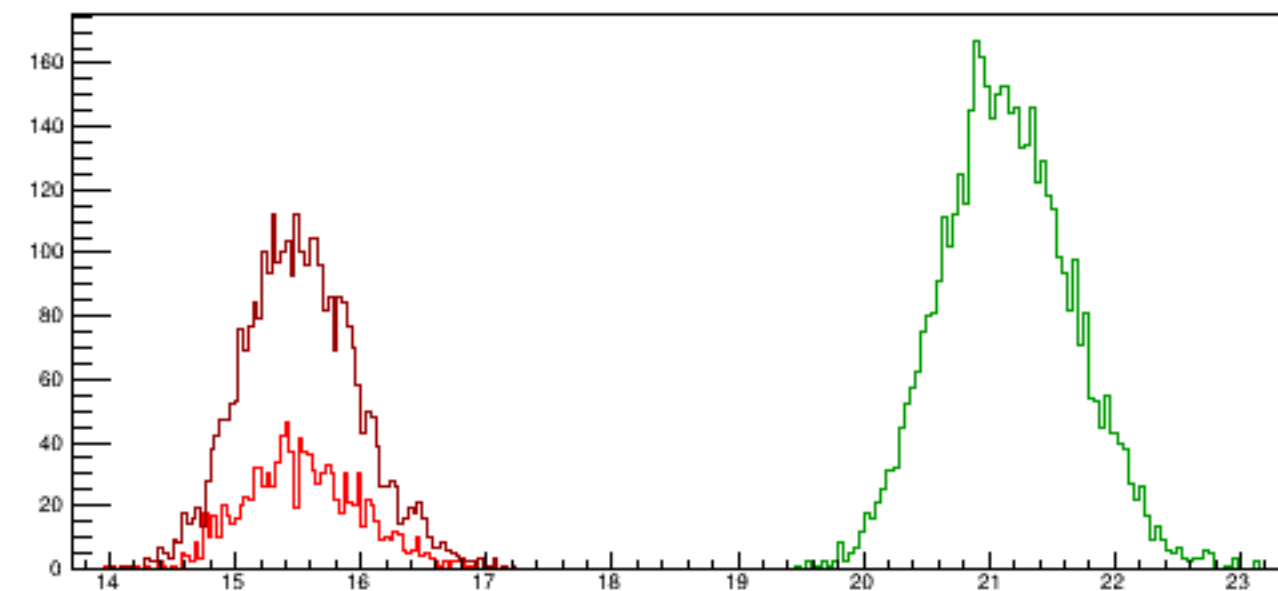
Std Dev: 0.5226 +/- 0.0055

Entries: 3195

Mean: 15.5208 +/- 0.0081

Std Dev: 0.4601 +/- 0.0058

Run 4469 quartetwise, Sums



Cycle 17, Asyms

Entries: 1122

Mean: 0.0009 +/- 0.0019

Std Dev: 0.0622 +/- 0.0013

Entries: 4576

Mean: -0.0117 +/- 0.0010

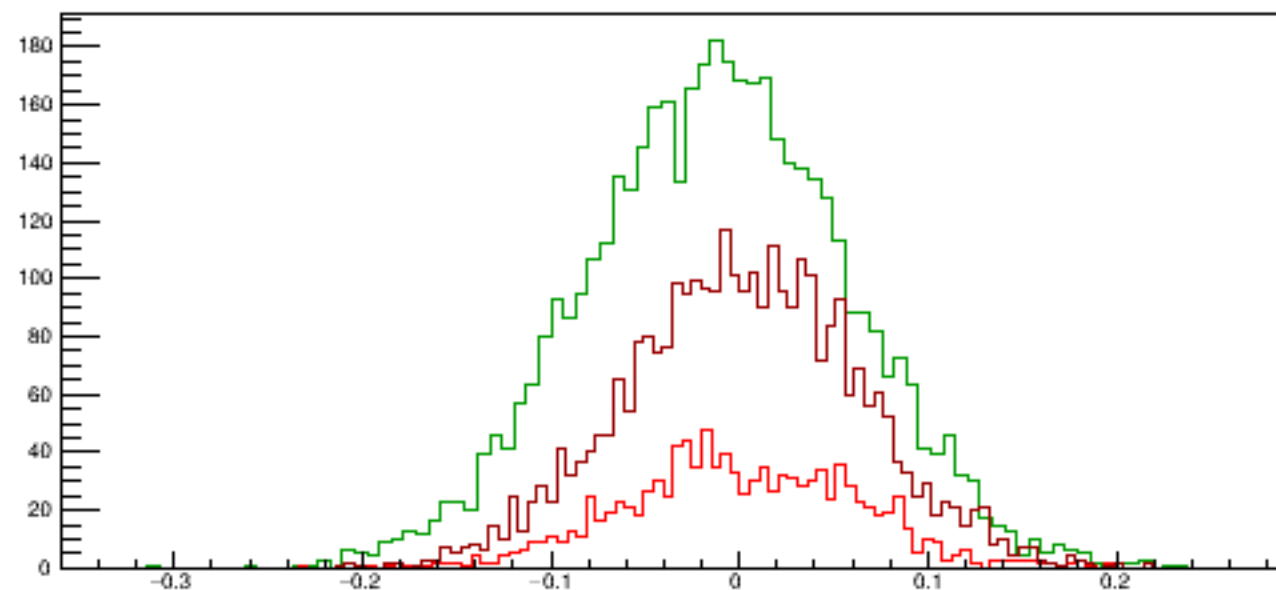
Std Dev: 0.0698 +/- 0.0007

Entries: 3195

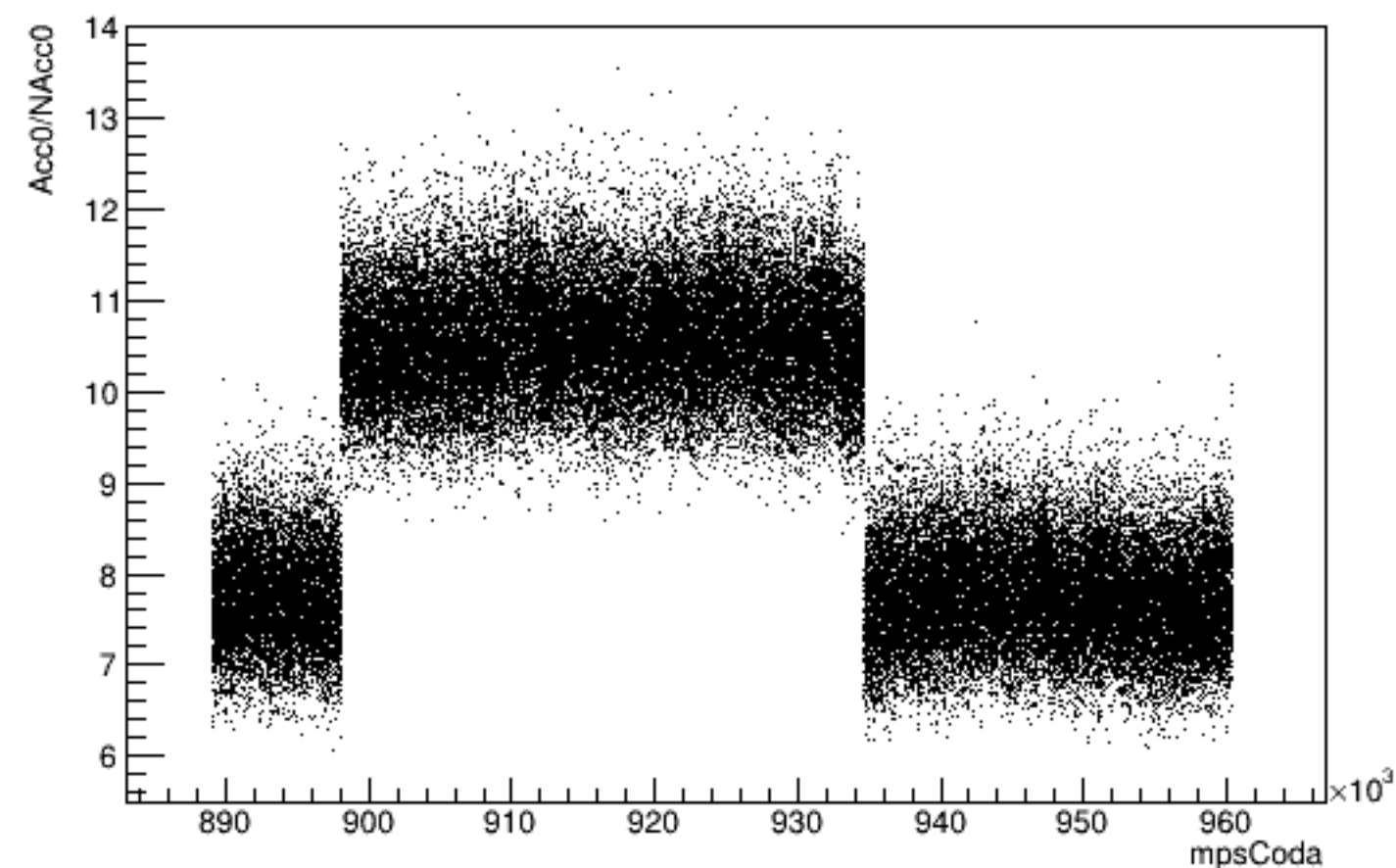
Mean: 0.0020 +/- 0.0011

Std Dev: 0.0625 +/- 0.0008

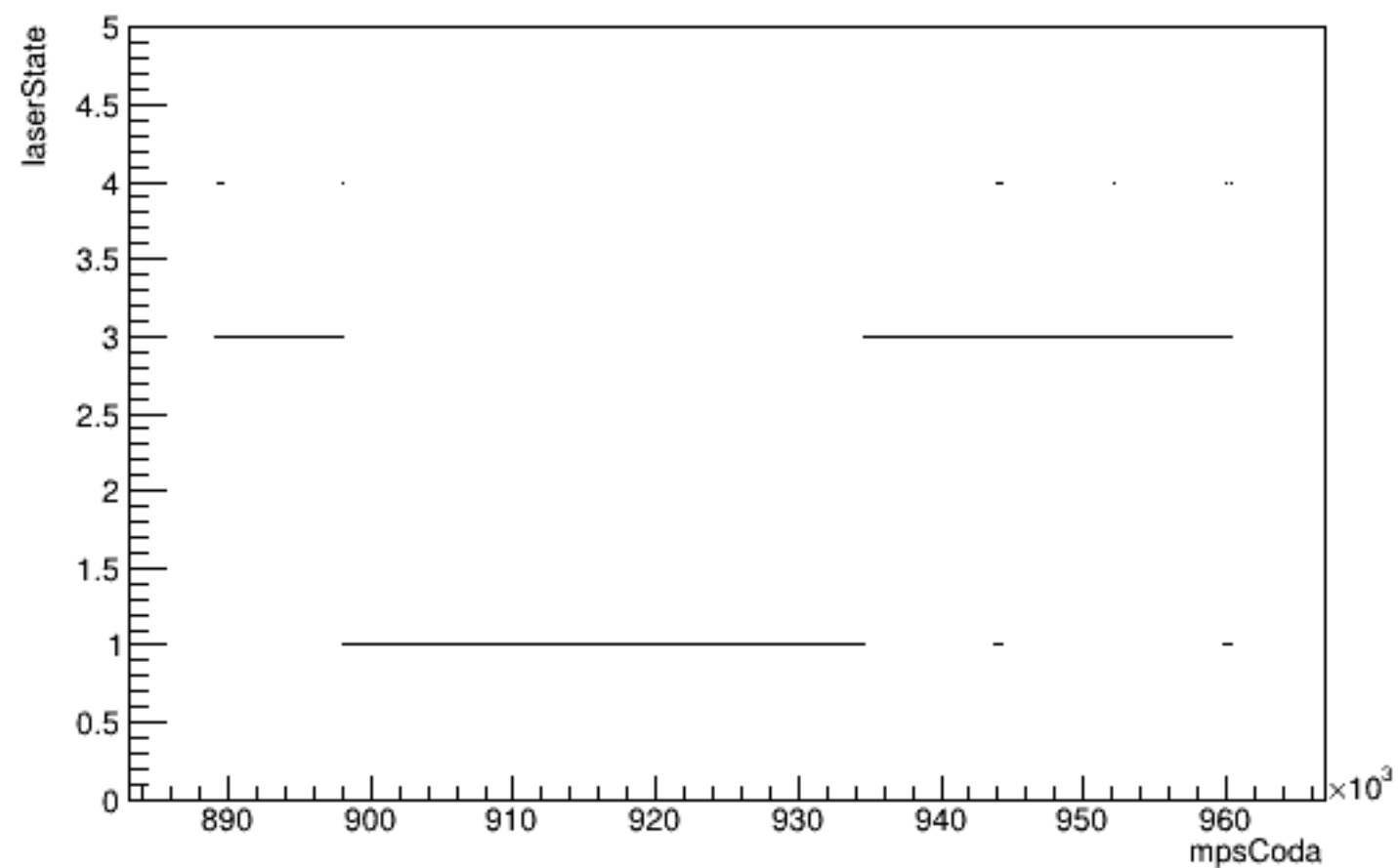
Run 4469 quartetwise, Asyms



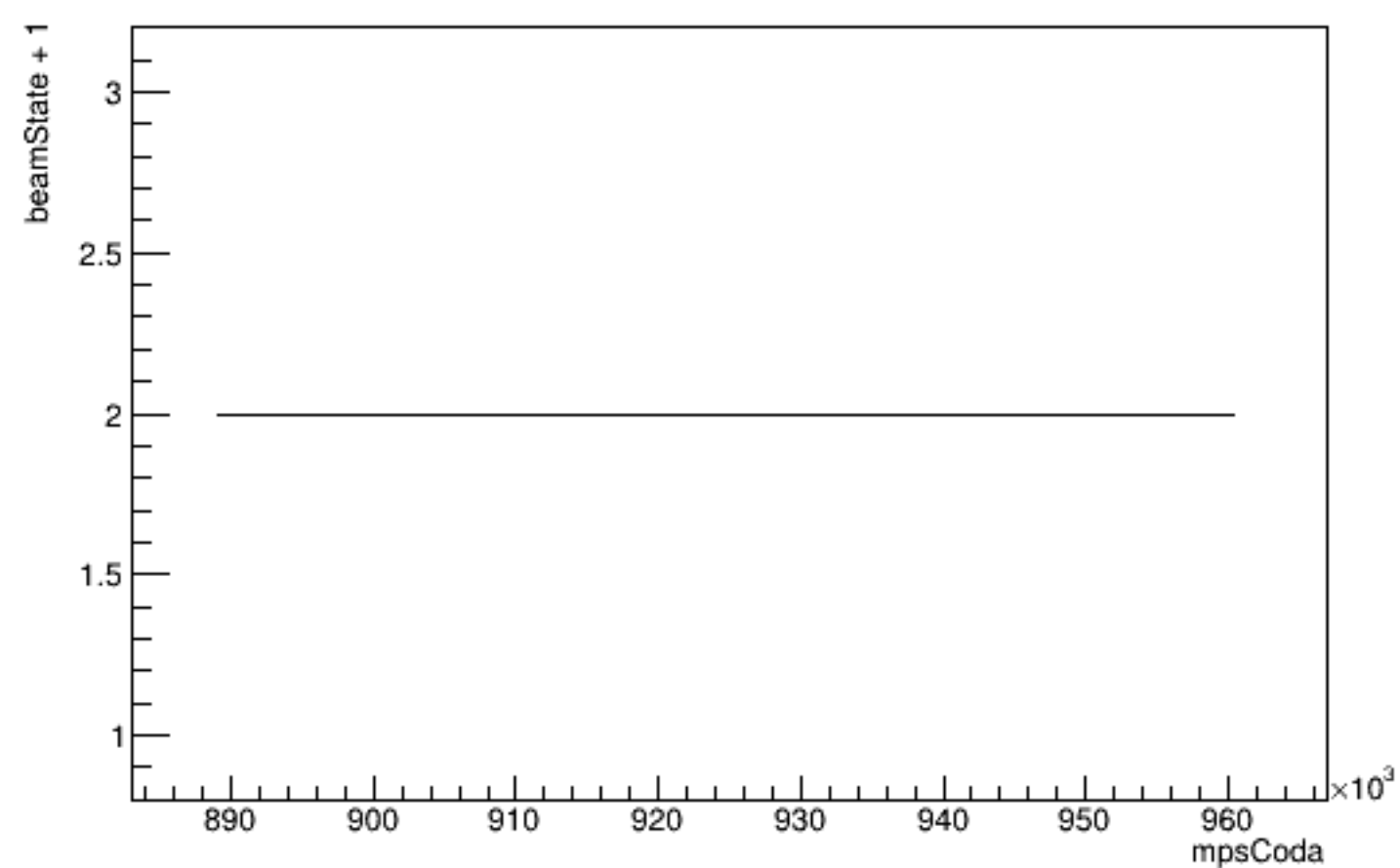
Acc0/NAcc0:mpsCoda (mpsCoda>=889025 && mpsCoda<=960392 && beamState==1)



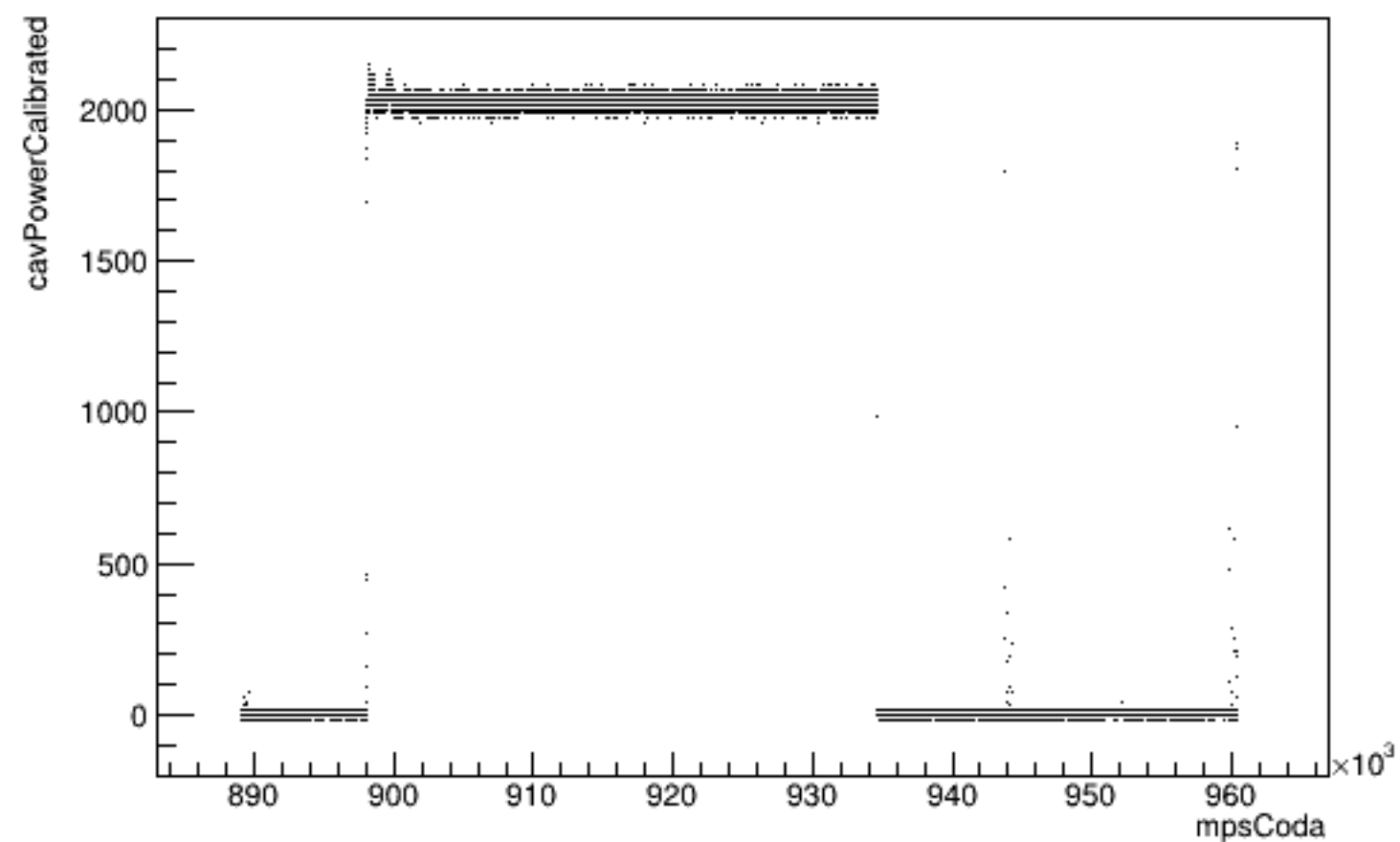
laserState:mpsCoda {mpsCoda>=889025 && mpsCoda<=960392}



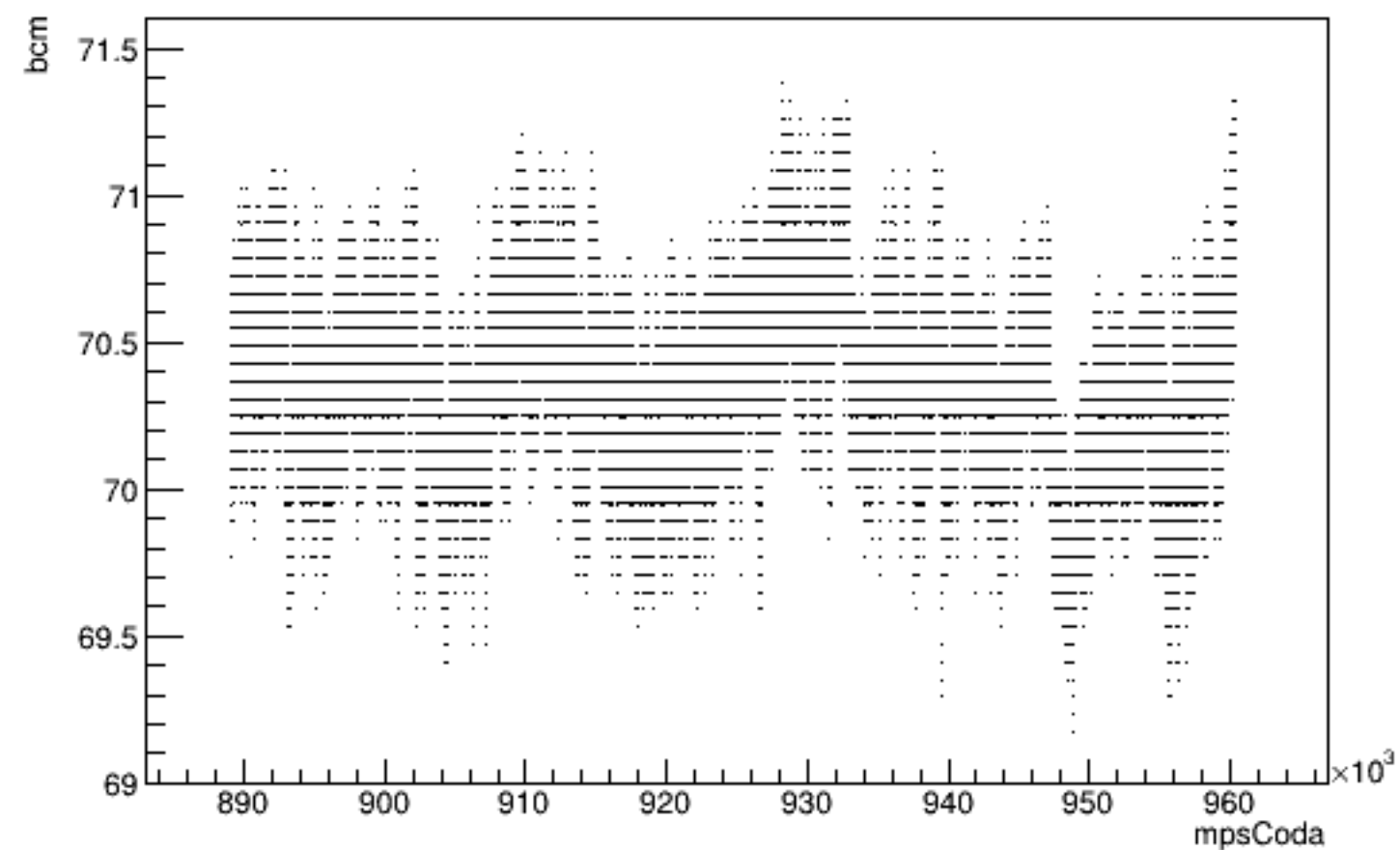
beamState + 1:mpsCoda {mpsCoda>=889025 && mpsCoda<=960392}



cavPowerCalibrated:mpsCoda {mpsCoda>=889025 && mpsCoda<=960392}



bcm:mpsCoda {mpsCoda>=889025 && mpsCoda<=960392}



Cycle 18, Diffs

Entries: 3195

Mean: 0.0111 +/- 0.0062

Std Dev: 0.3508 +/- 0.0044

Entries: 3642

Mean: -0.0511 +/- 0.0064

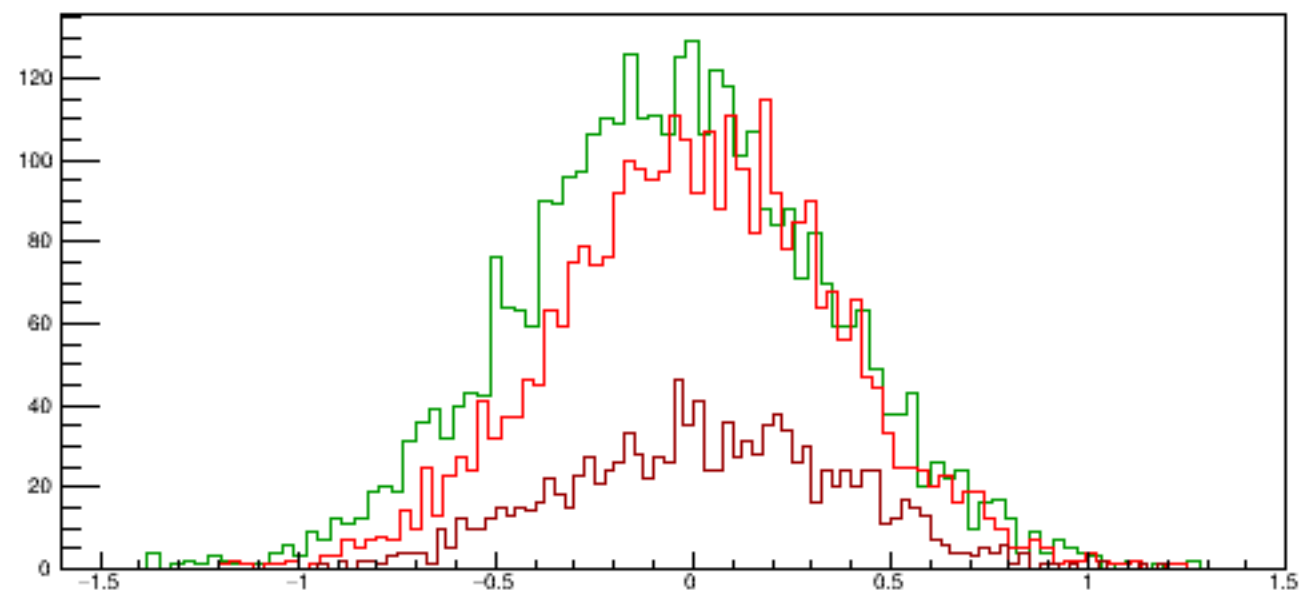
Std Dev: 0.3858 +/- 0.0045

Entries: 1194

Mean: 0.0349 +/- 0.0101

Std Dev: 0.3496 +/- 0.0072

Run 4469 quartetwise, Diffs



Cycle 18, Sums

Entries: 3195

Mean: 15.5208 +/- 0.0081

Std Dev: 0.4601 +/- 0.0058

Entries: 3642

Mean: 20.8378 +/- 0.0088

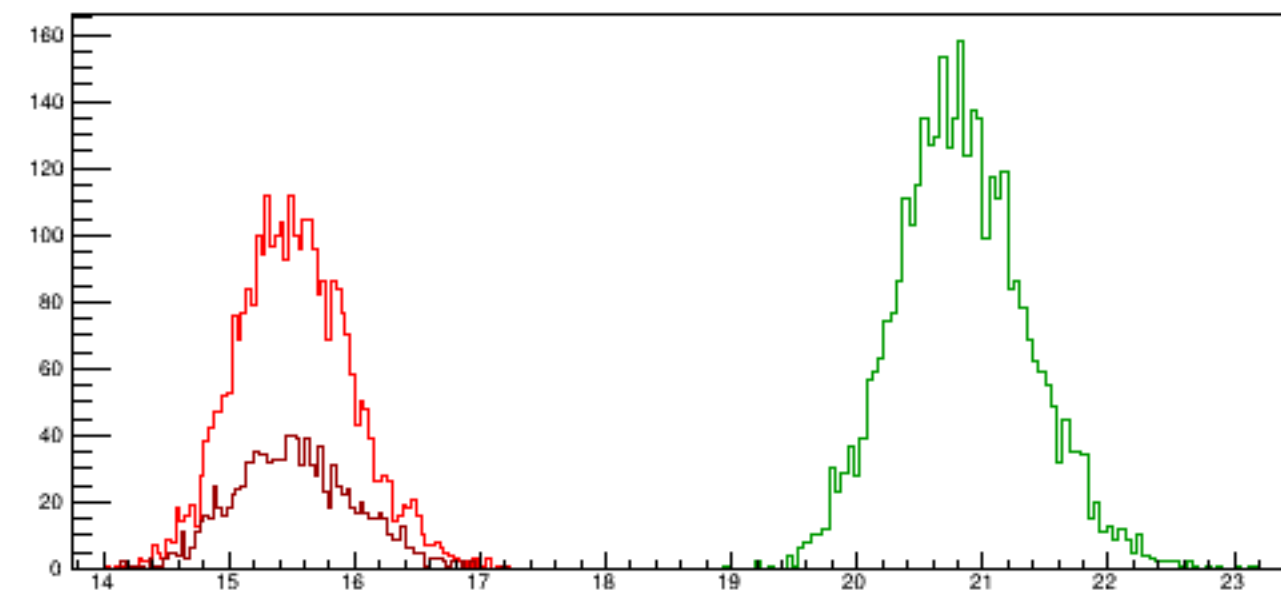
Std Dev: 0.5330 +/- 0.0062

Entries: 1194

Mean: 15.5188 +/- 0.0140

Std Dev: 0.4835 +/- 0.0099

Run 4469 quartetwise, Sums



Cycle 18, Asyms

Entries: 3195

Mean: 0.0021 +/- 0.0012

Std Dev: 0.0660 +/- 0.0008

Entries: 3642

Mean: -0.0100 +/- 0.0012

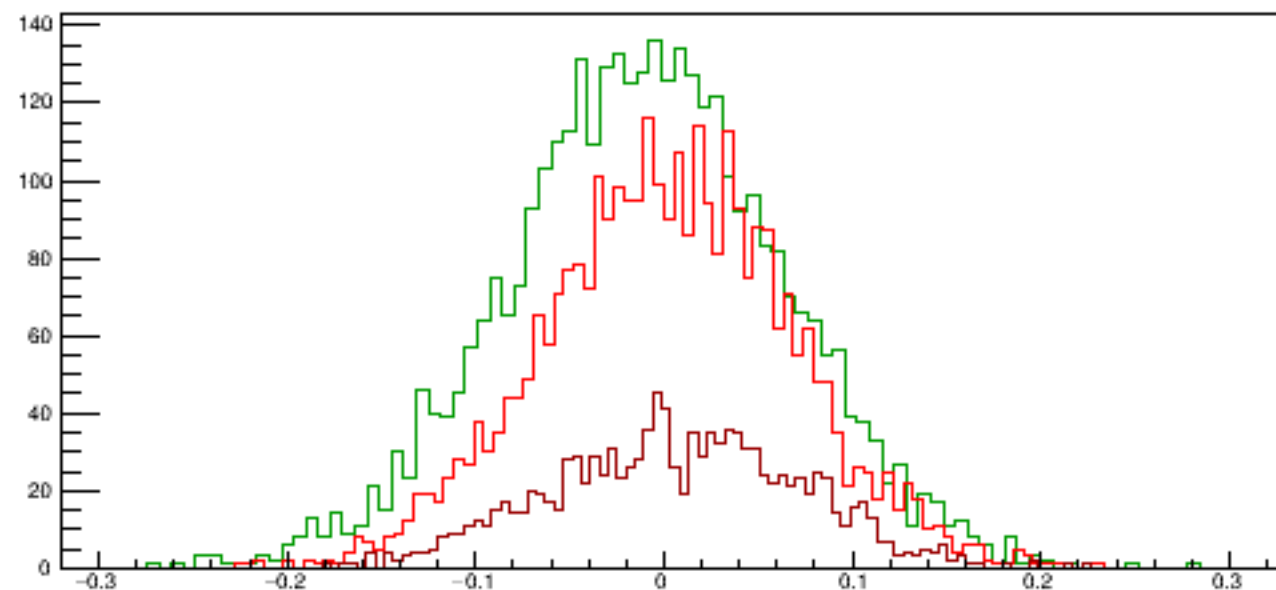
Std Dev: 0.0731 +/- 0.0009

Entries: 1194

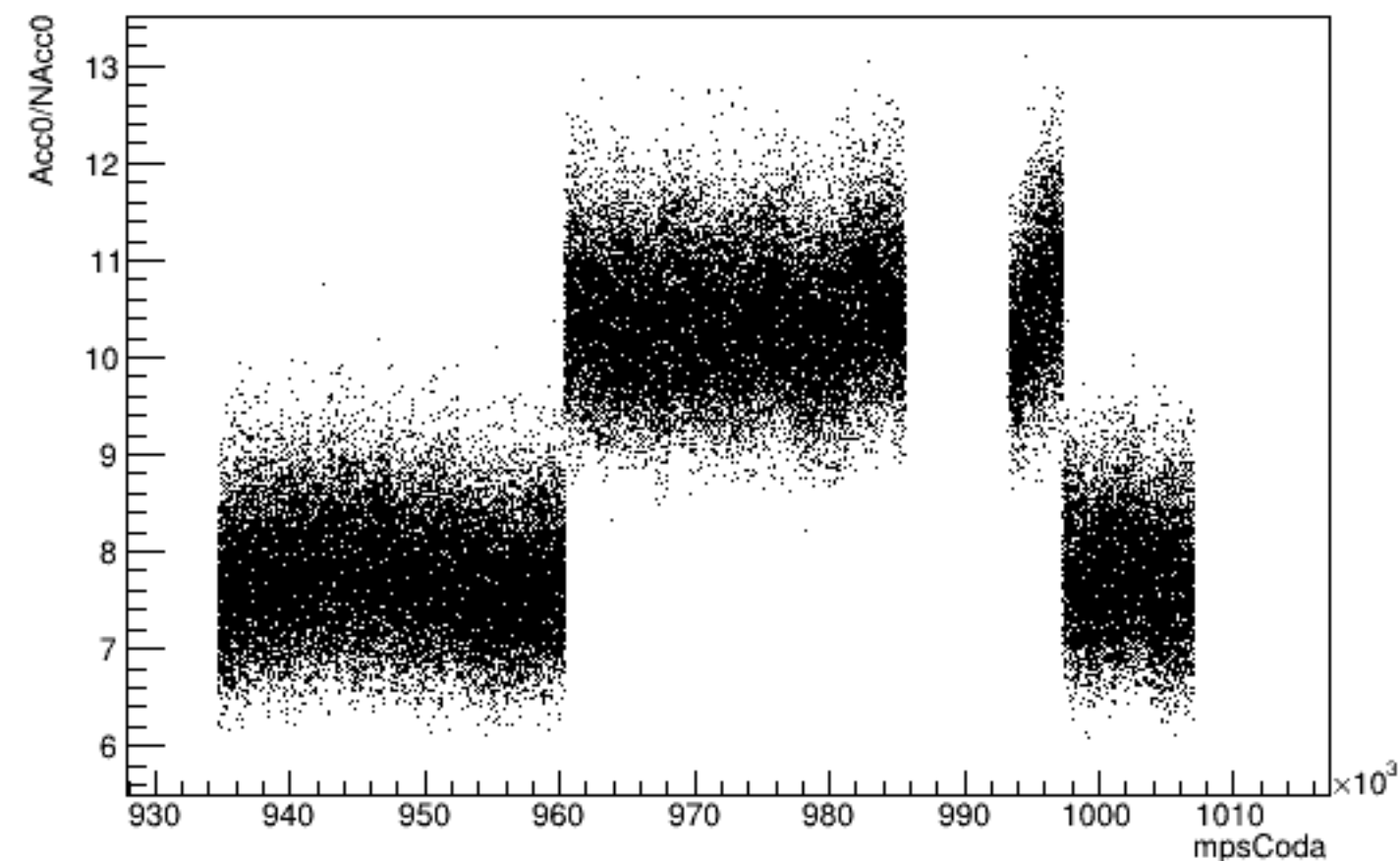
Mean: 0.0066 +/- 0.0019

Std Dev: 0.0657 +/- 0.0013

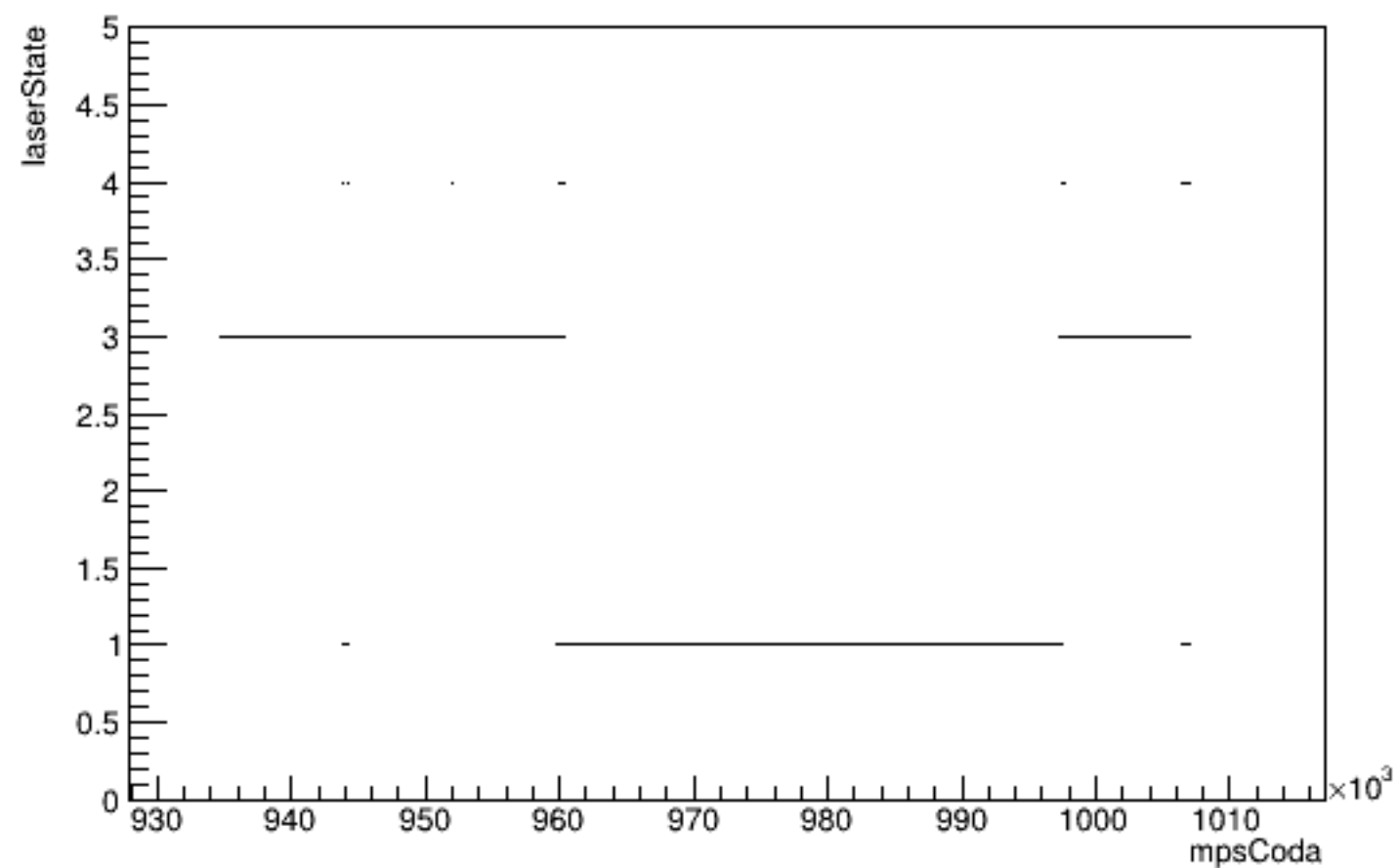
Run 4469 quartetwise, Asyms



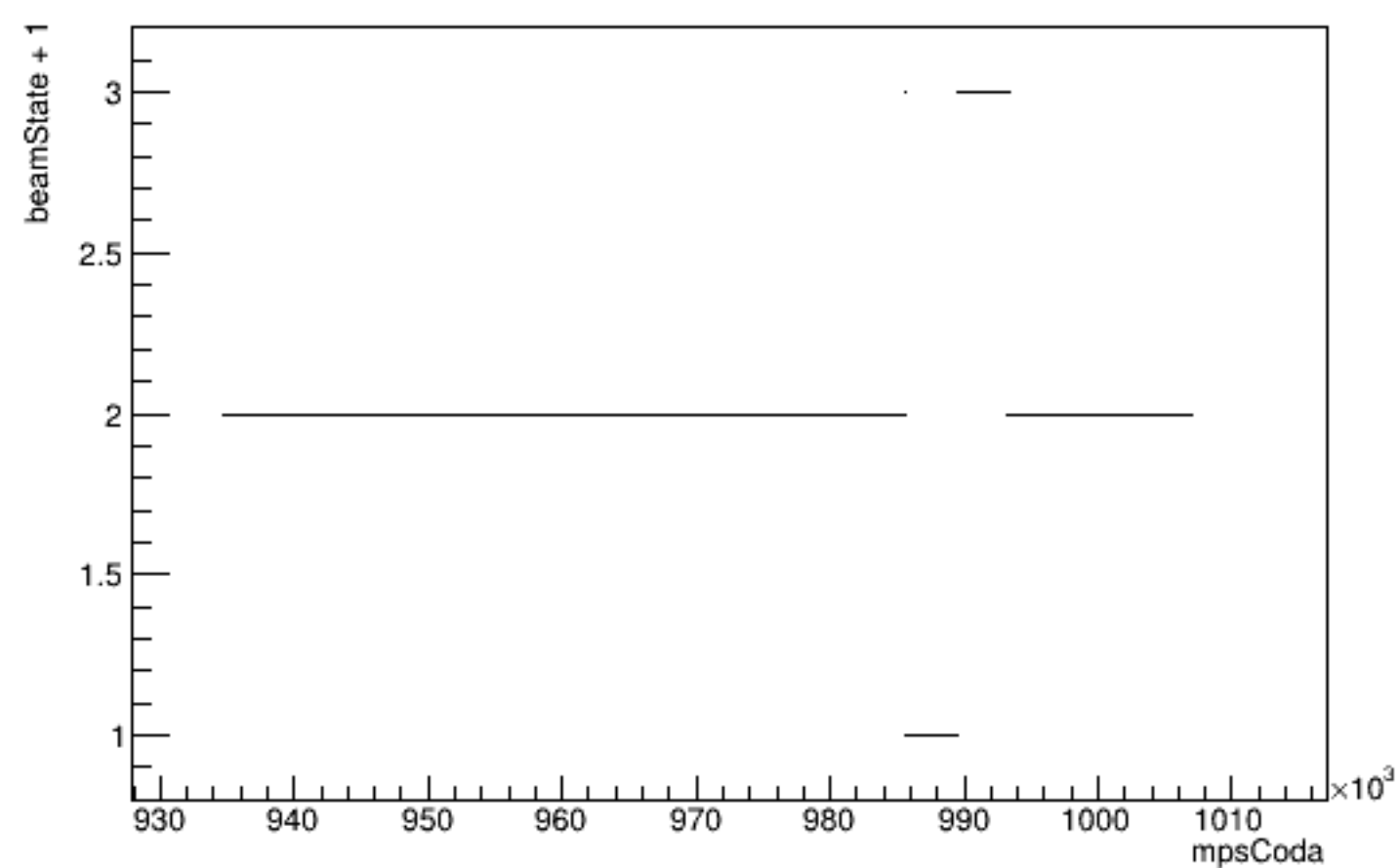
Acc0/NAcc0:mpsCoda (mpsCoda>=934665 && mpsCoda<=1007008 && beamState==1)



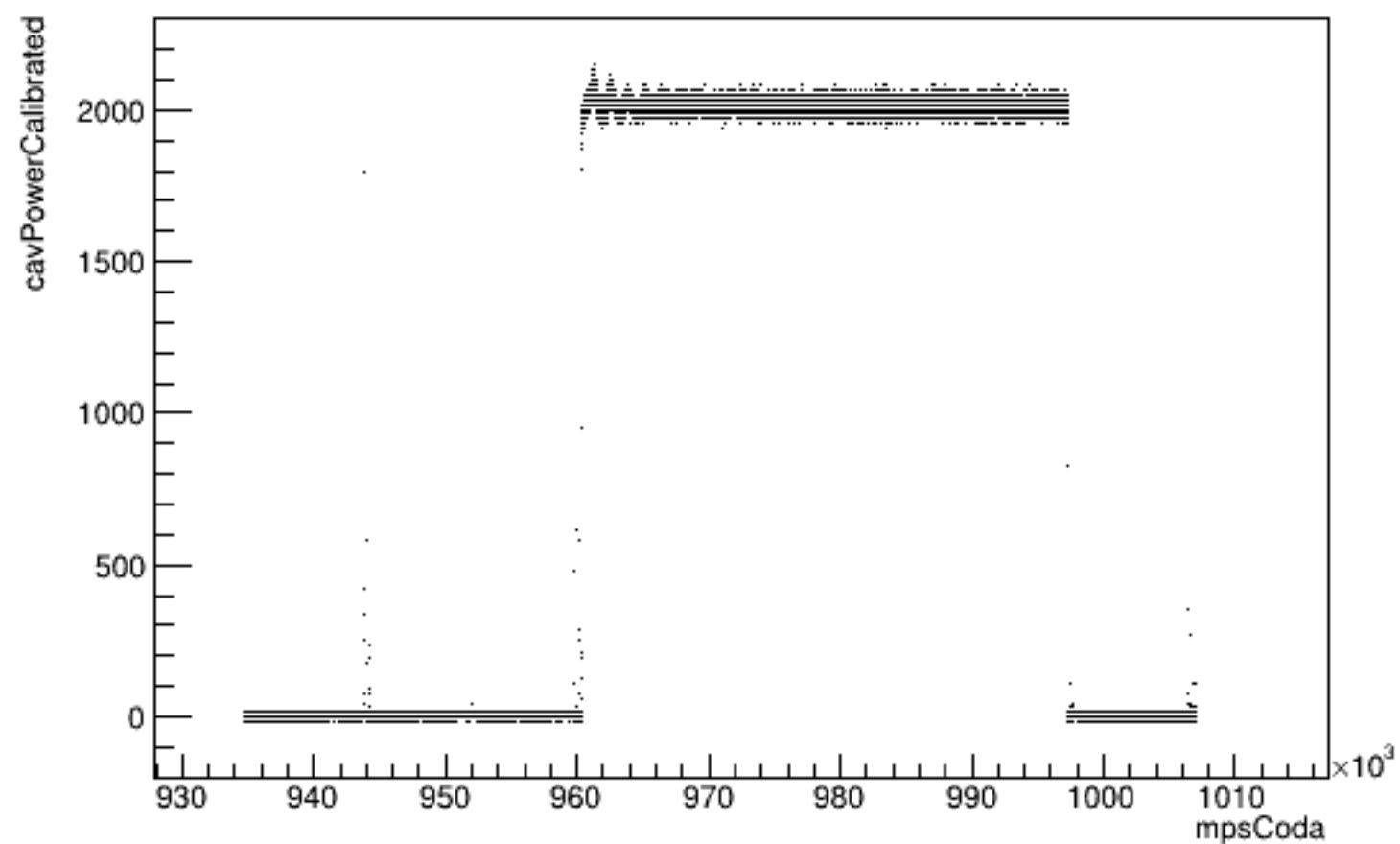
laserState:mpsCoda {mpsCoda>=934665 && mpsCoda<=1007008}



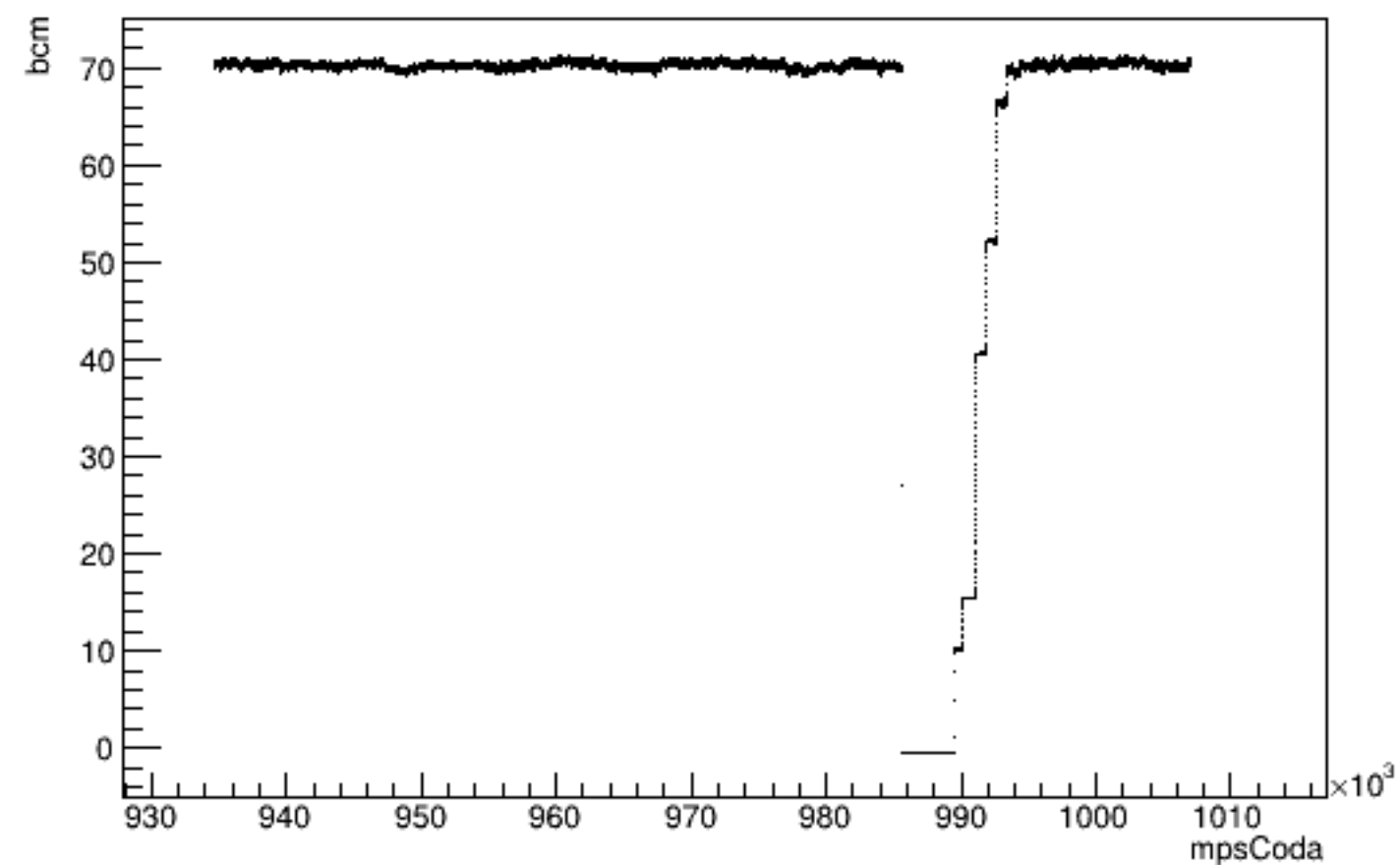
beamState + 1:mpsCoda {mpsCoda>=934665 && mpsCoda<=1007008}



cavPowerCalibrated:mpsCoda {mpsCoda>=934665 && mpsCoda<=1007008}



bcm:mpsCoda {mpsCoda>=934665 && mpsCoda<=1007008}



Cycle 19, Diffs

Entries: 1194

Mean: 0.0349 +/- 0.0101

Std Dev: 0.3496 +/- 0.0072

Entries: 2237

Mean: -0.0605 +/- 0.0081

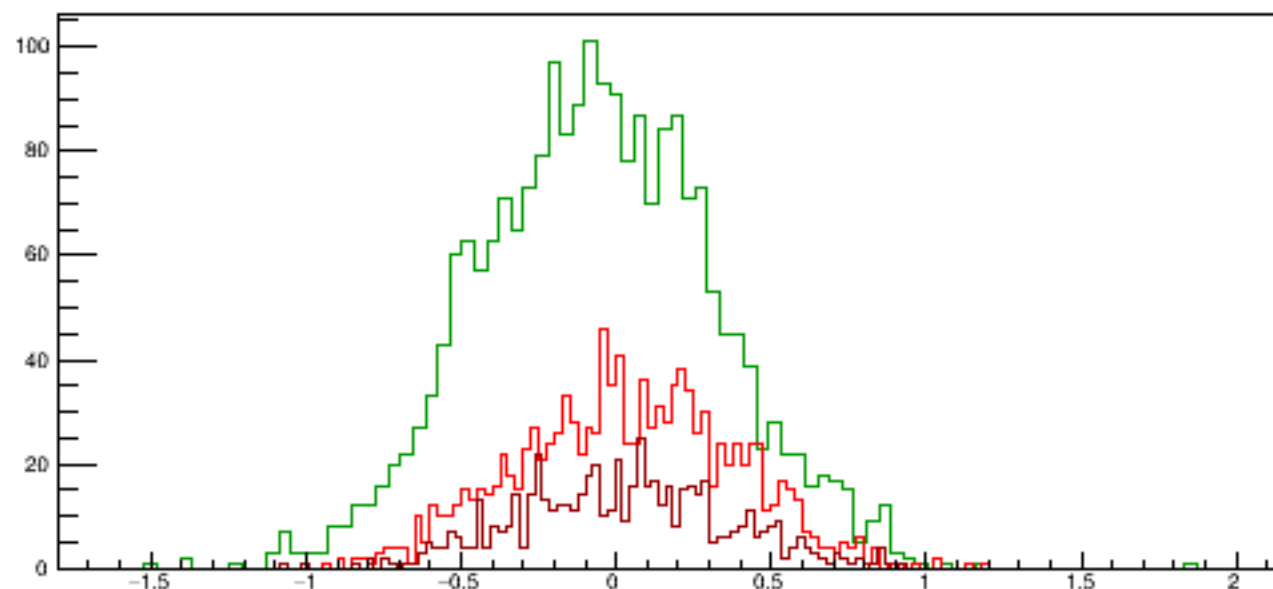
Std Dev: 0.3829 +/- 0.0057

Entries: 585

Mean: 0.0181 +/- 0.0141

Std Dev: 0.3404 +/- 0.0100

Run 4469 quartetwise, Diffs



Cycle 19, Sums

Entries: 1194

Mean: 15.5188 +/- 0.0140

Std Dev: 0.4835 +/- 0.0099

Entries: 2237

Mean: 20.7586 +/- 0.0110

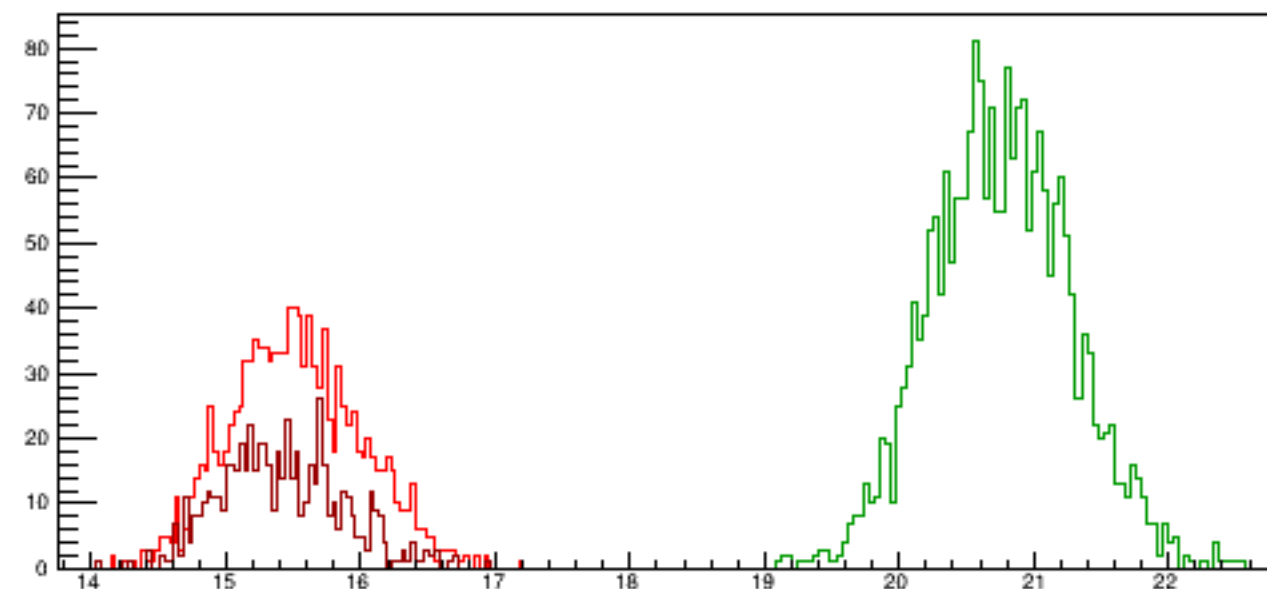
Std Dev: 0.5189 +/- 0.0078

Entries: 585

Mean: 15.4128 +/- 0.0188

Std Dev: 0.4557 +/- 0.0133

Run 4469 quartetwise, Sums



Cycle 19, Asyms

Entries: 1194

Mean: 0.0066 +/- 0.0019

Std Dev: 0.0661 +/- 0.0014

Entries: 2237

Mean: -0.0115 +/- 0.0015

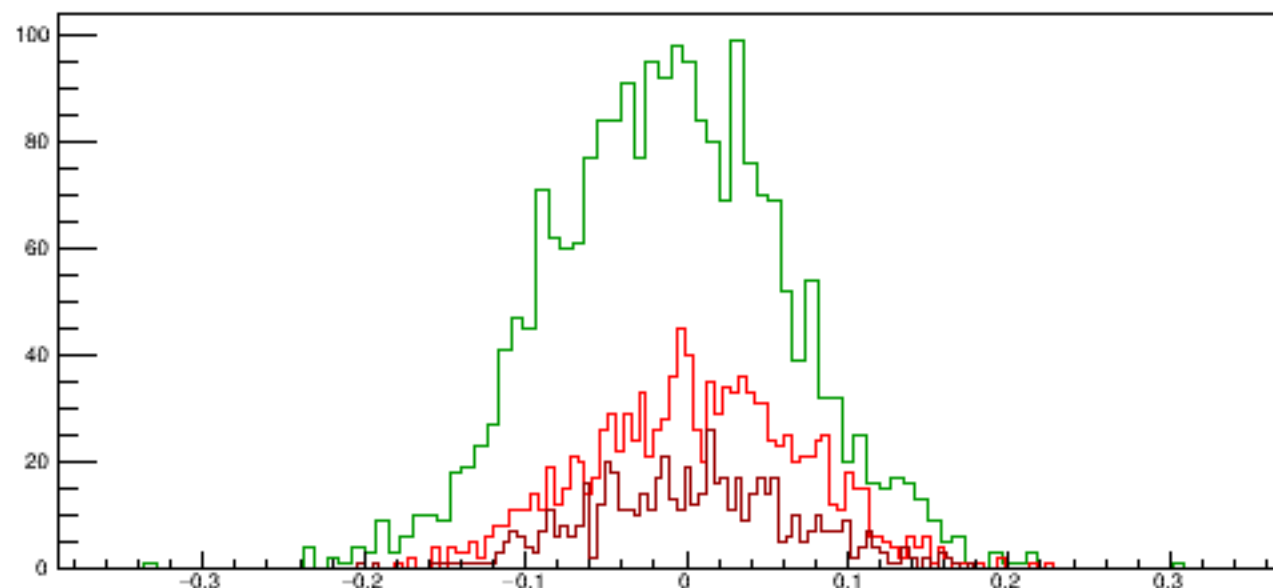
Std Dev: 0.0728 +/- 0.0011

Entries: 585

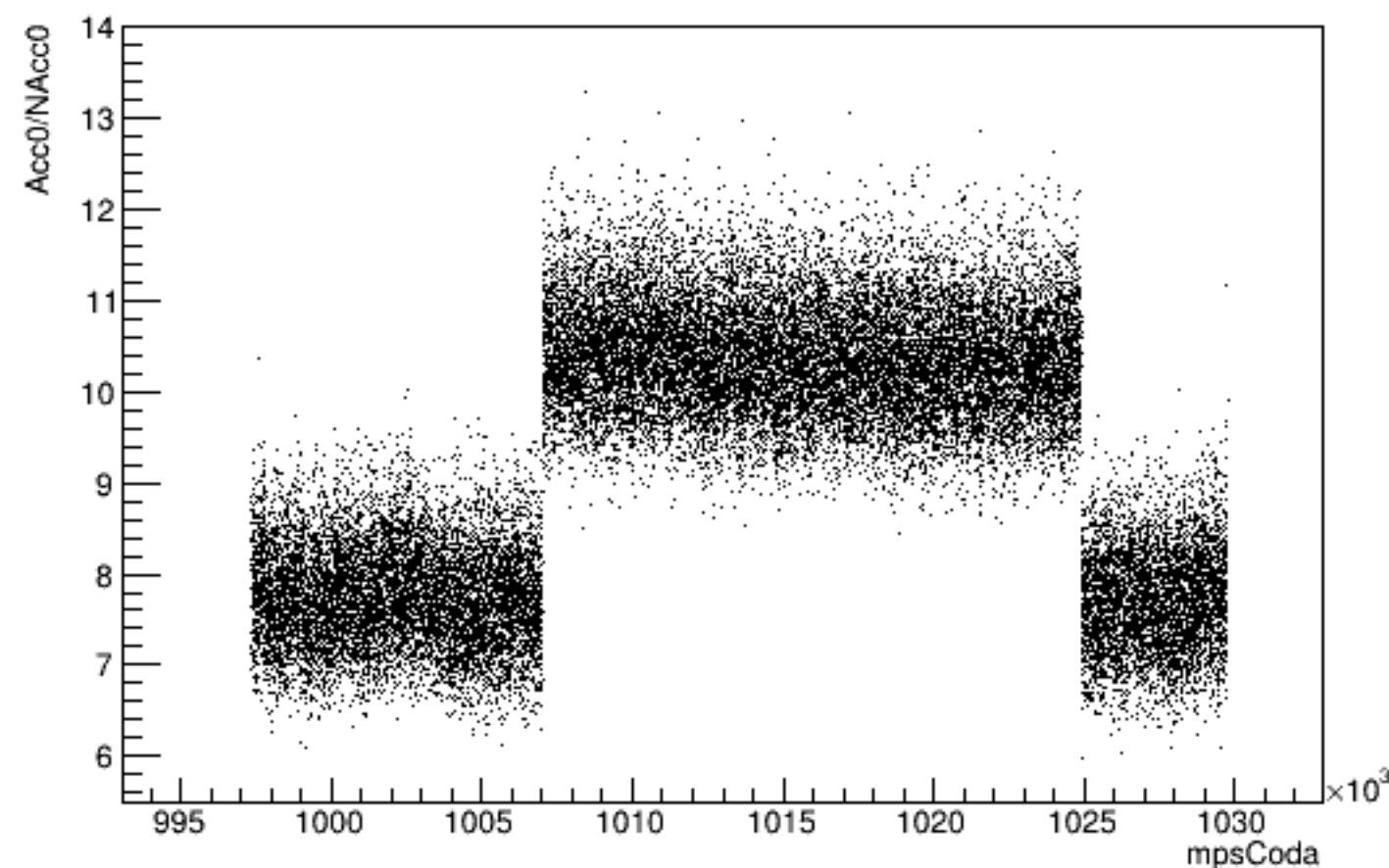
Mean: 0.0034 +/- 0.0027

Std Dev: 0.0643 +/- 0.0019

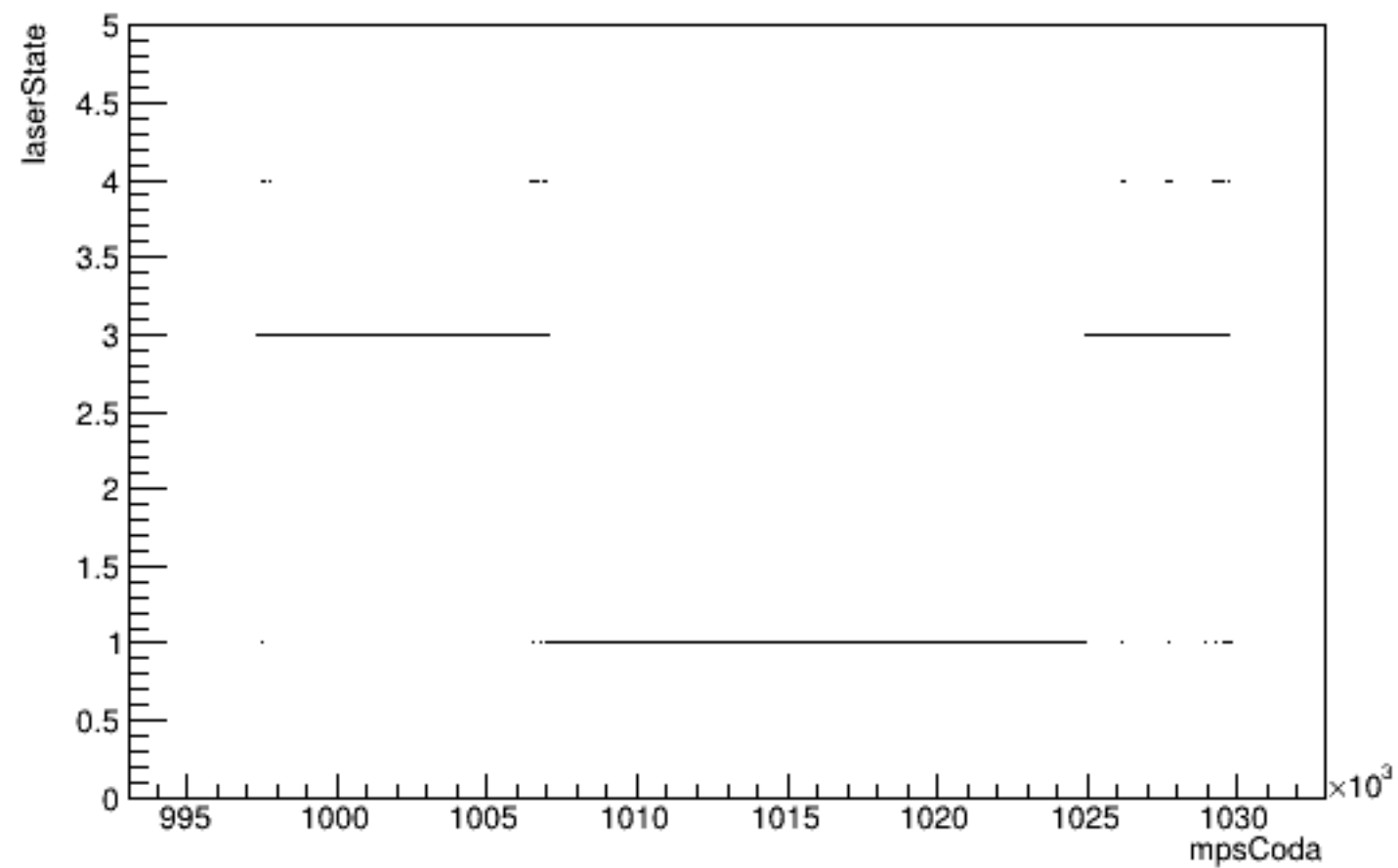
Run 4469 quartetwise, Asyms



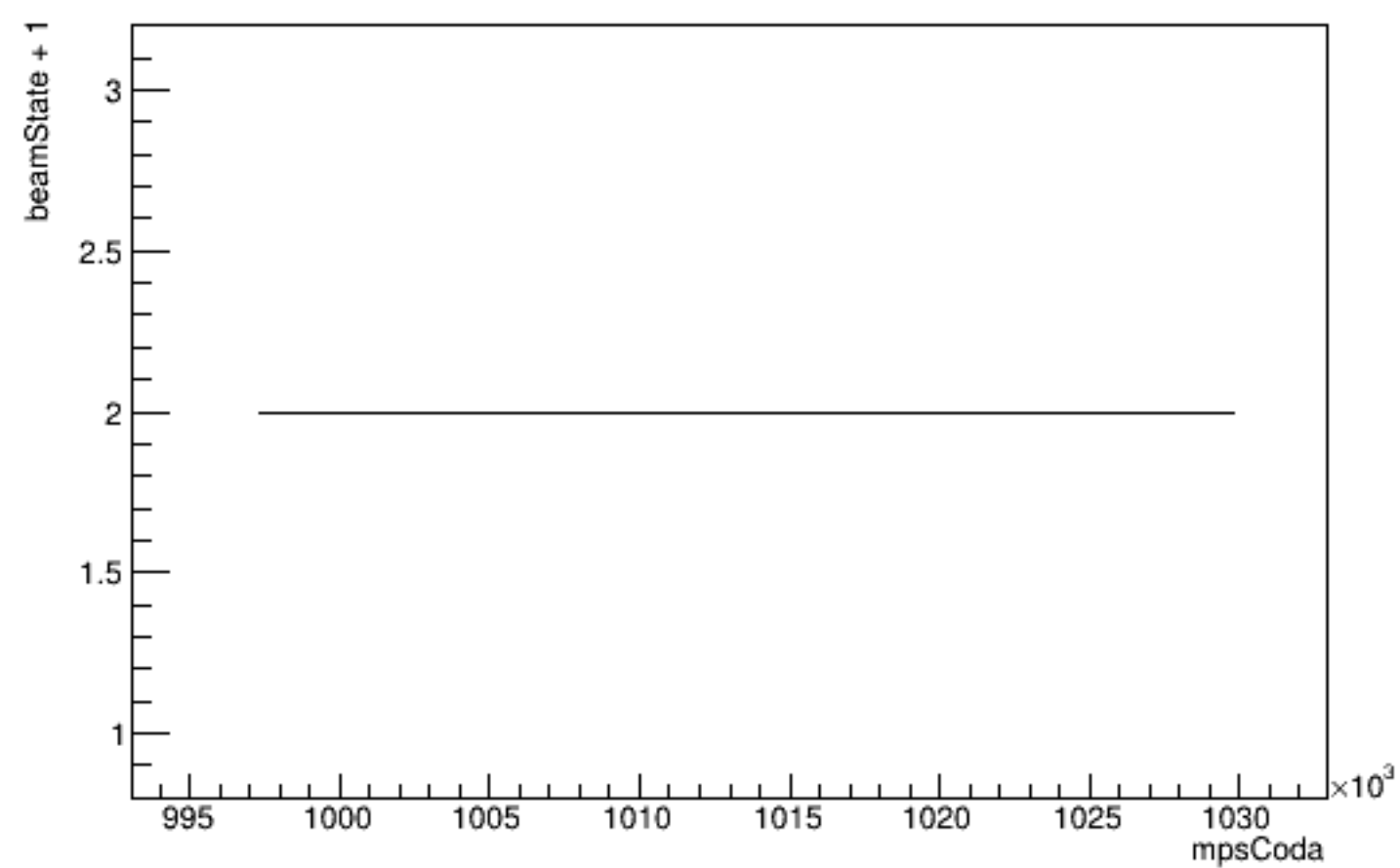
Acc0/NAcc0:mpsCoda (mpsCoda>=997345 && mpsCoda<=1029768 && beamState==1)



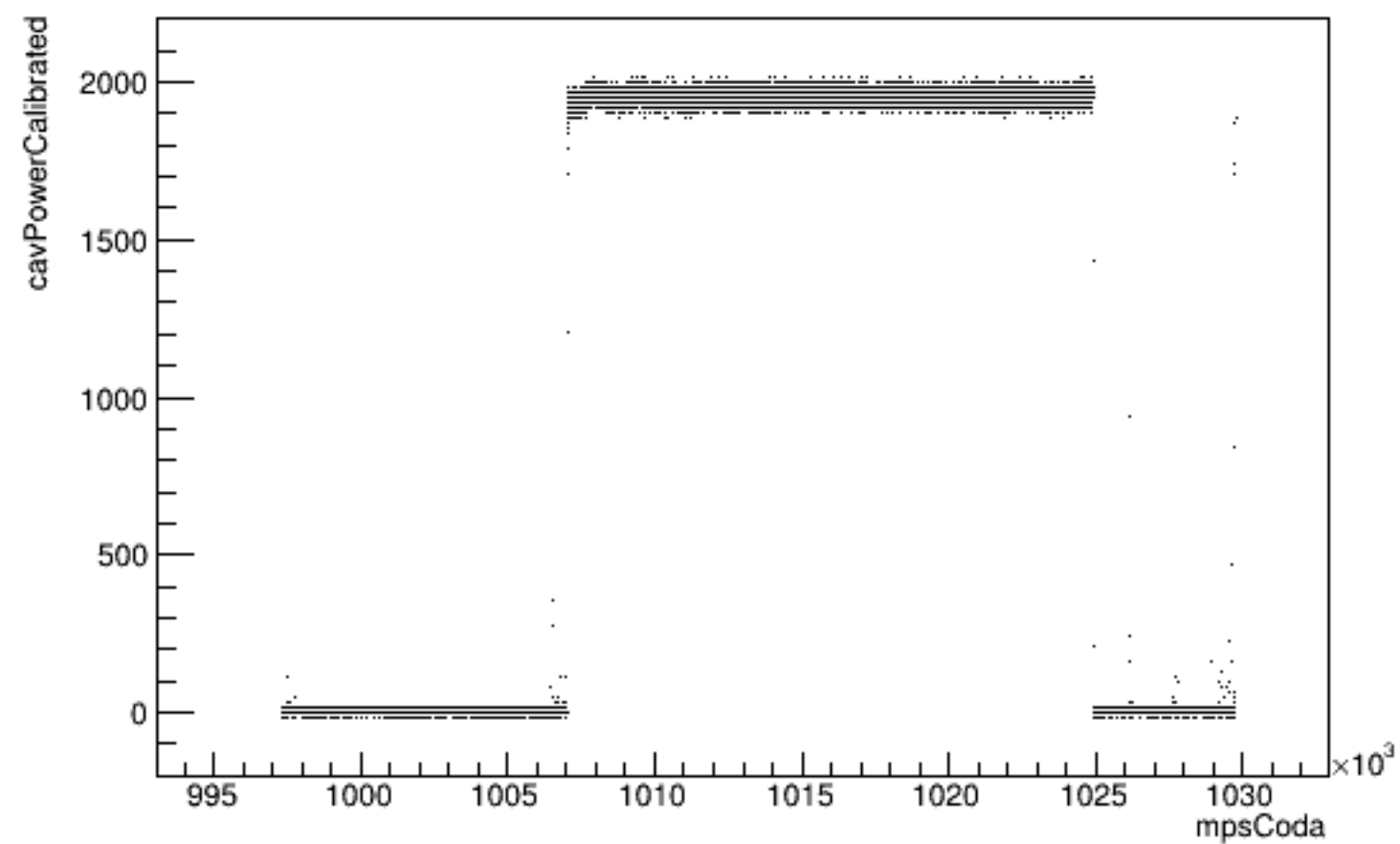
laserState:mpsCoda {mpsCoda>=997345 && mpsCoda<=1029768}



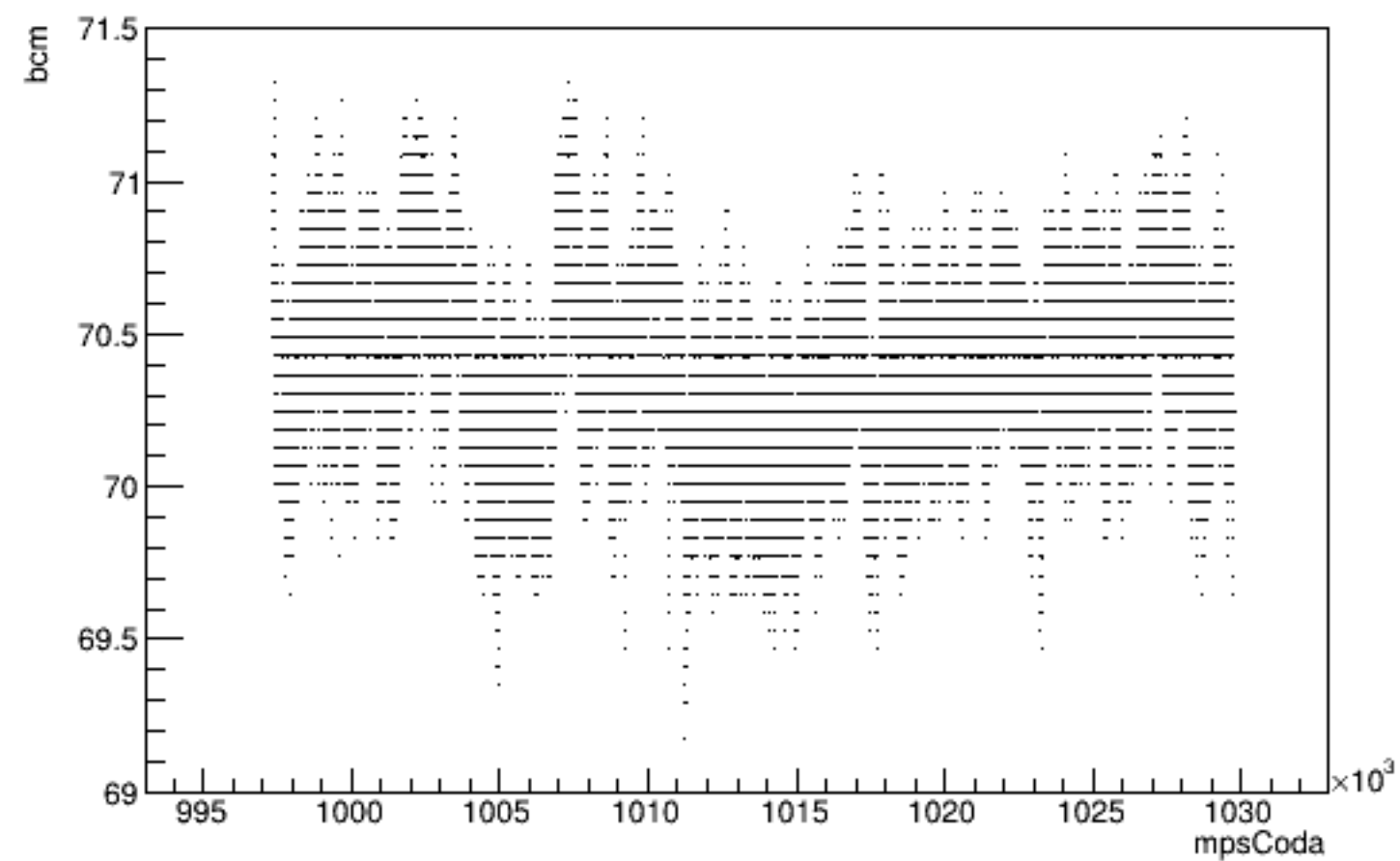
beamState + 1:mpsCoda {mpsCoda>=997345 && mpsCoda<=1029768}



cavPowerCalibrated:mpsCoda {mpsCoda>=997345 && mpsCoda<=1029768}



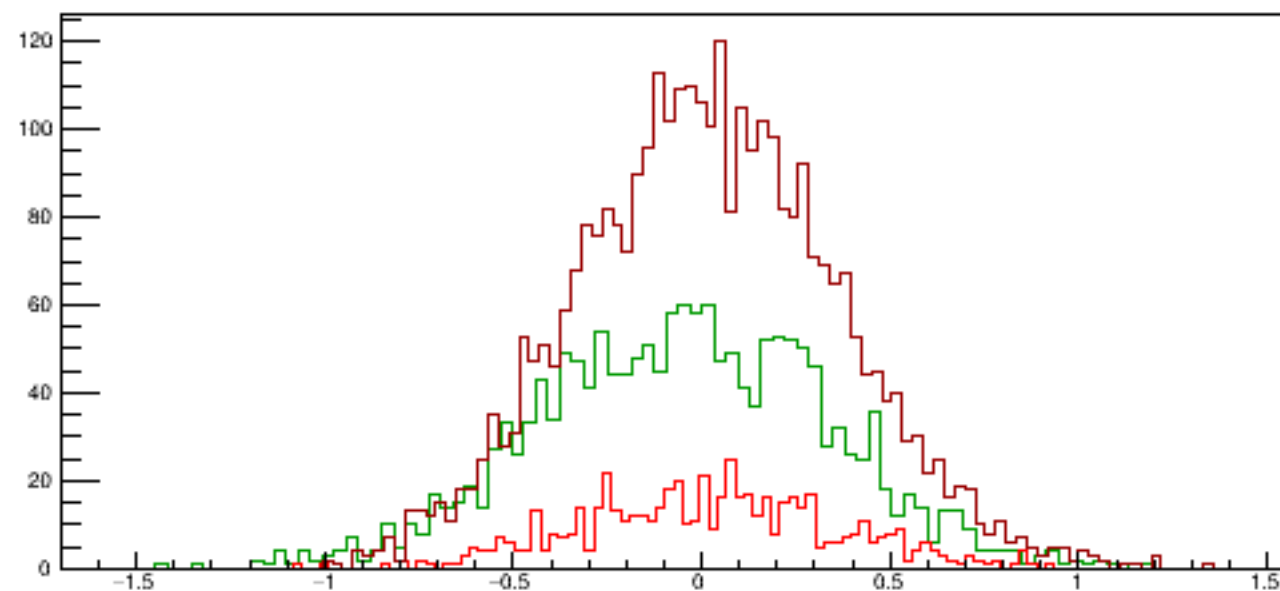
bcm:mpsCoda {mpsCoda>=997345 && mpsCoda<=1029768}



Cycle 20, Diffs

Entries: 585	Entries: 1712	Entries: 3362
Mean: 0.0181 +/- 0.0141	Mean: -0.0515 +/- 0.0094	Mean: 0.0168 +/- 0.0060
Std Dev: 0.3404 +/- 0.0100	Std Dev: 0.3888 +/- 0.0066	Std Dev: 0.3490 +/- 0.0043

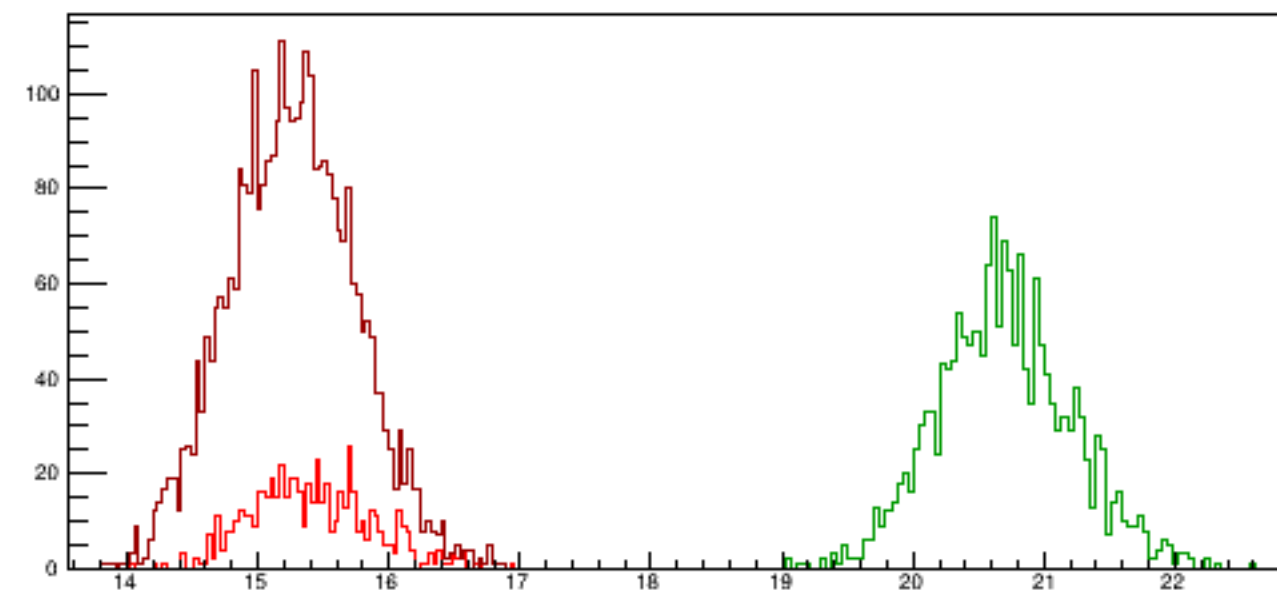
Run 4469 quartetwise, Diffs



Cycle 20, Sums

Entries: 585	Entries: 1712	Entries: 3362
Mean: 15.4128 +/- 0.0188	Mean: 20.6984 +/- 0.0123	Mean: 15.2656 +/- 0.0083
Std Dev: 0.4557 +/- 0.0133	Std Dev: 0.5096 +/- 0.0087	Std Dev: 0.4826 +/- 0.0059

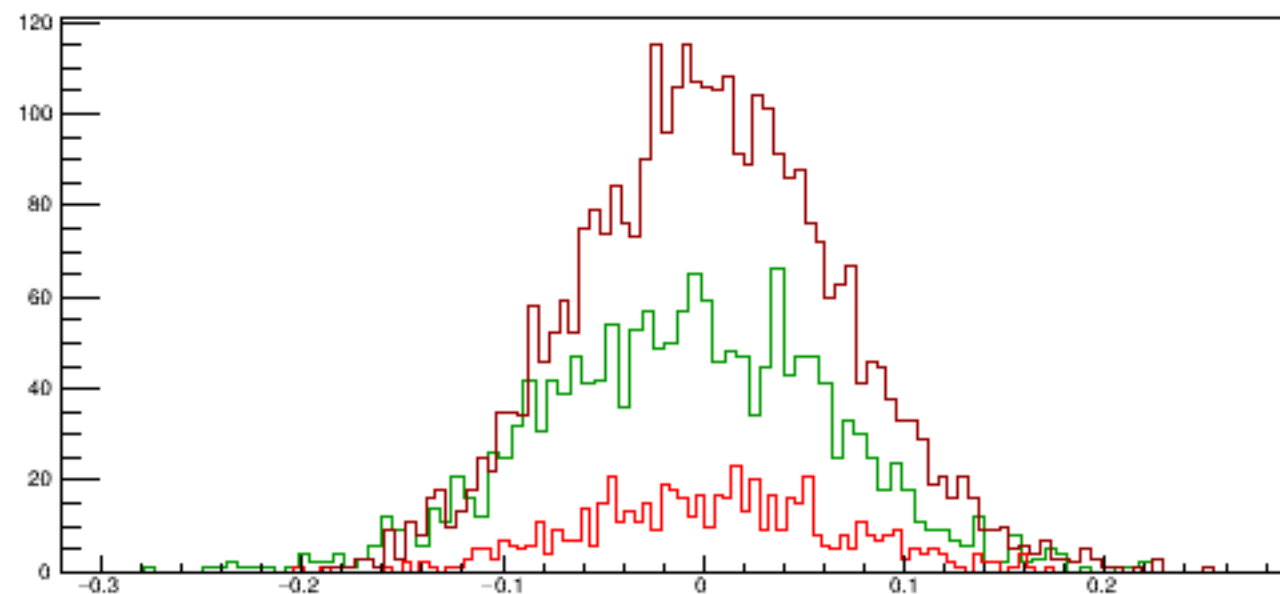
Run 4469 quartetwise, Sums



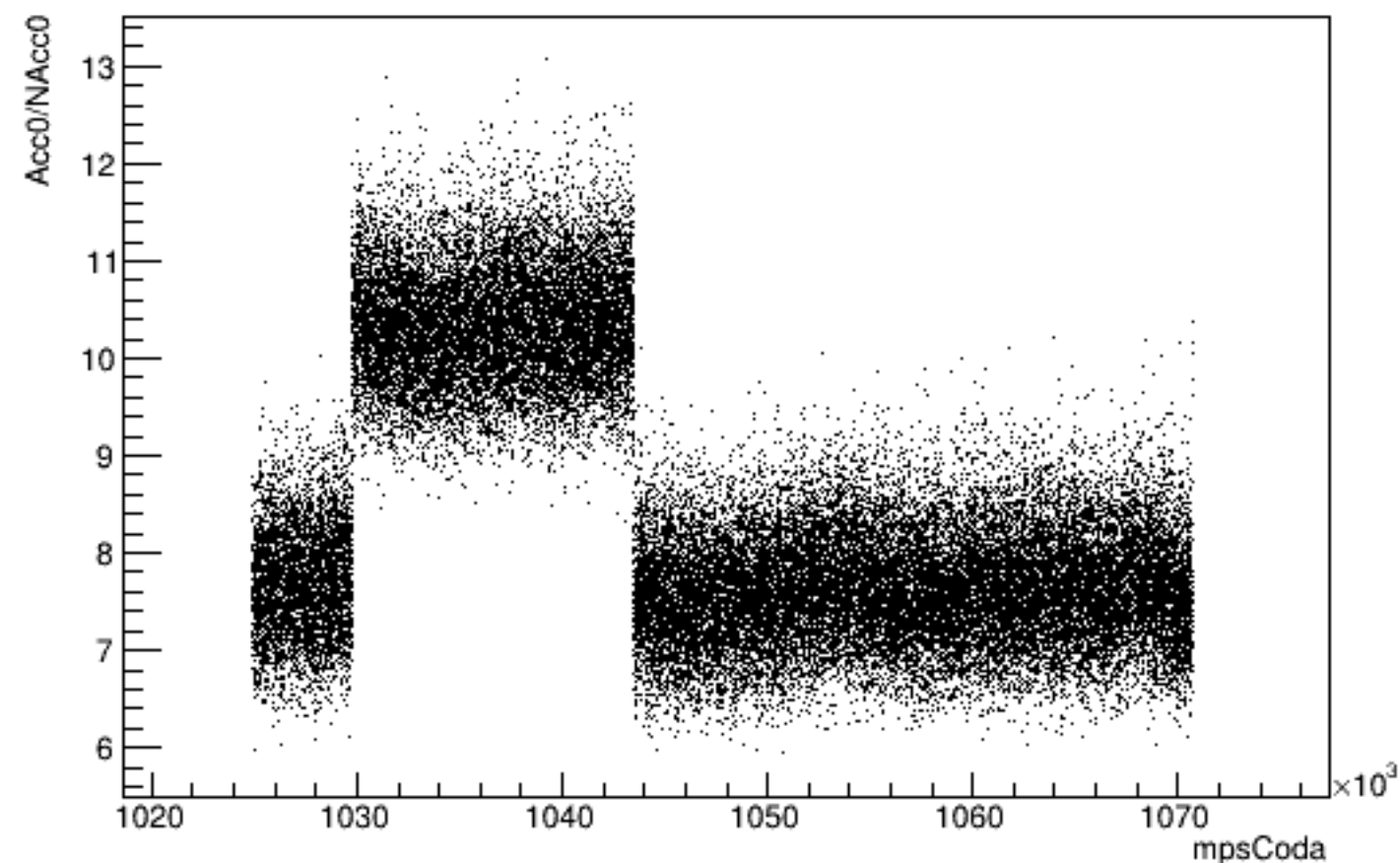
Cycle 20, Asyms

Entries: 585	Entries: 1712	Entries: 3362
Mean: 0.0034 +/- 0.0026	Mean: -0.0096 +/- 0.0018	Mean: 0.0031 +/- 0.0011
Std Dev: 0.0635 +/- 0.0019	Std Dev: 0.0730 +/- 0.0012	Std Dev: 0.0651 +/- 0.0008

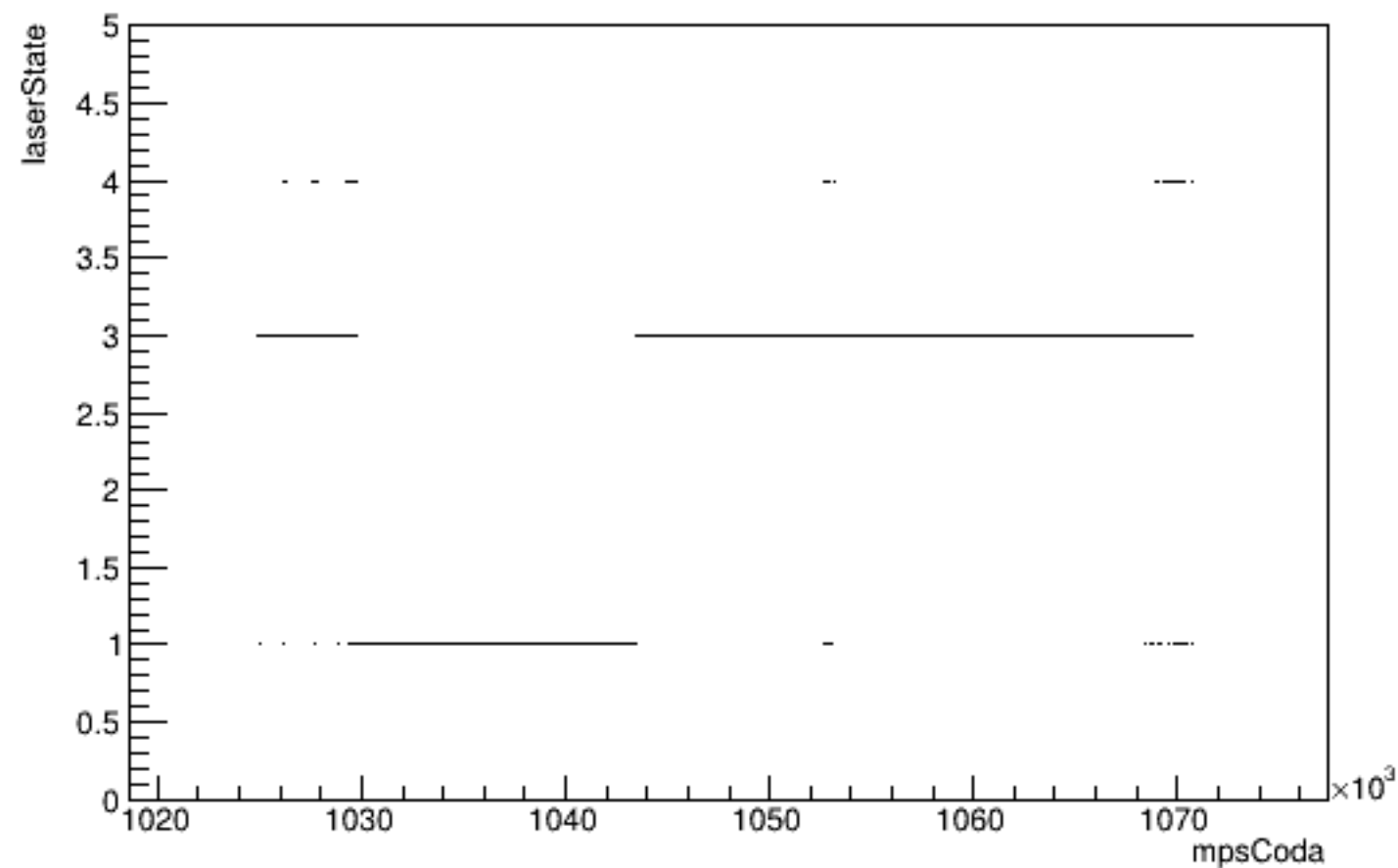
Run 4469 quartetwise, Asyms



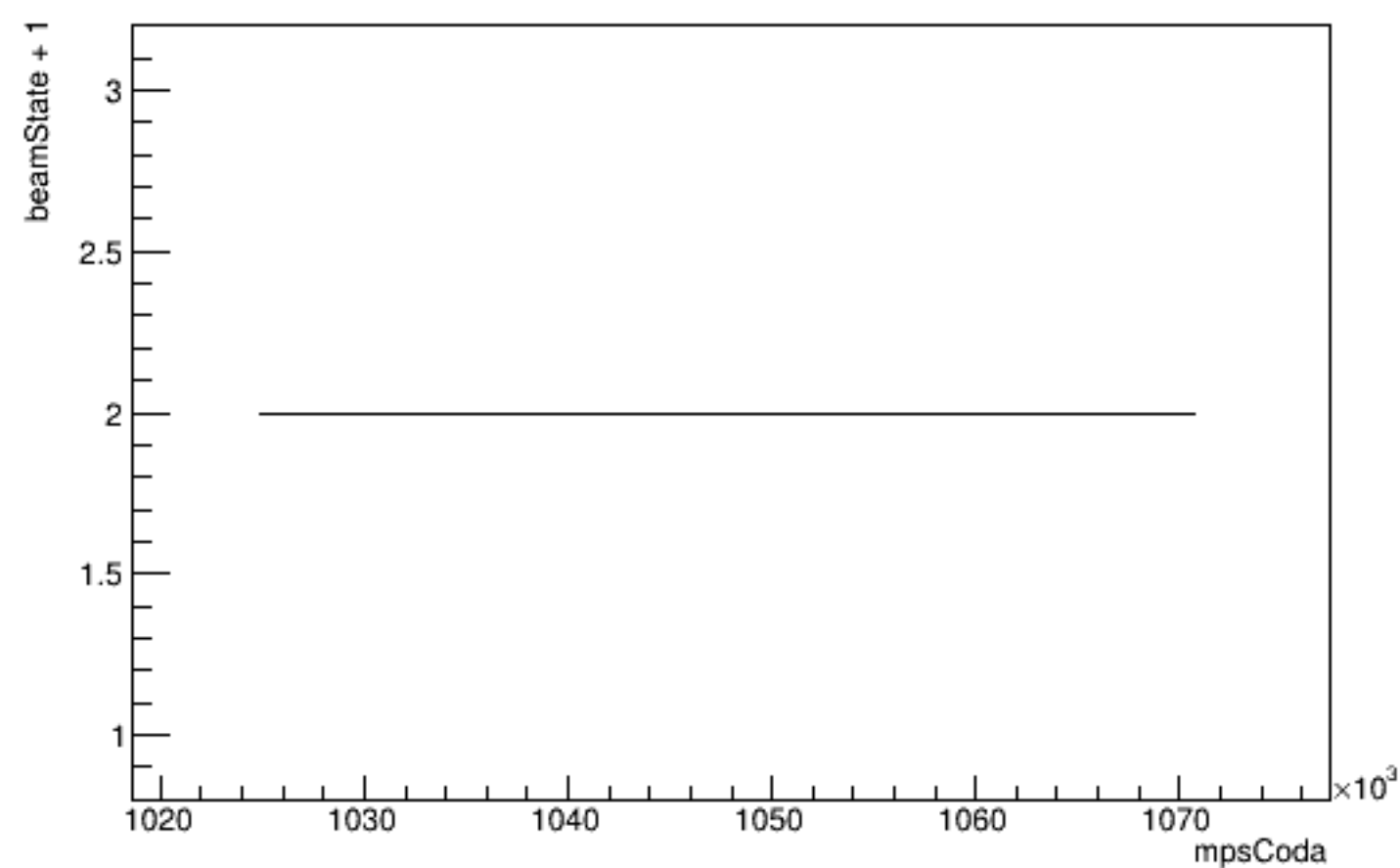
Acc0/NAcc0:mpsCoda (mpsCoda>=1024913 && mpsCoda<=1070696 && beamState==1)



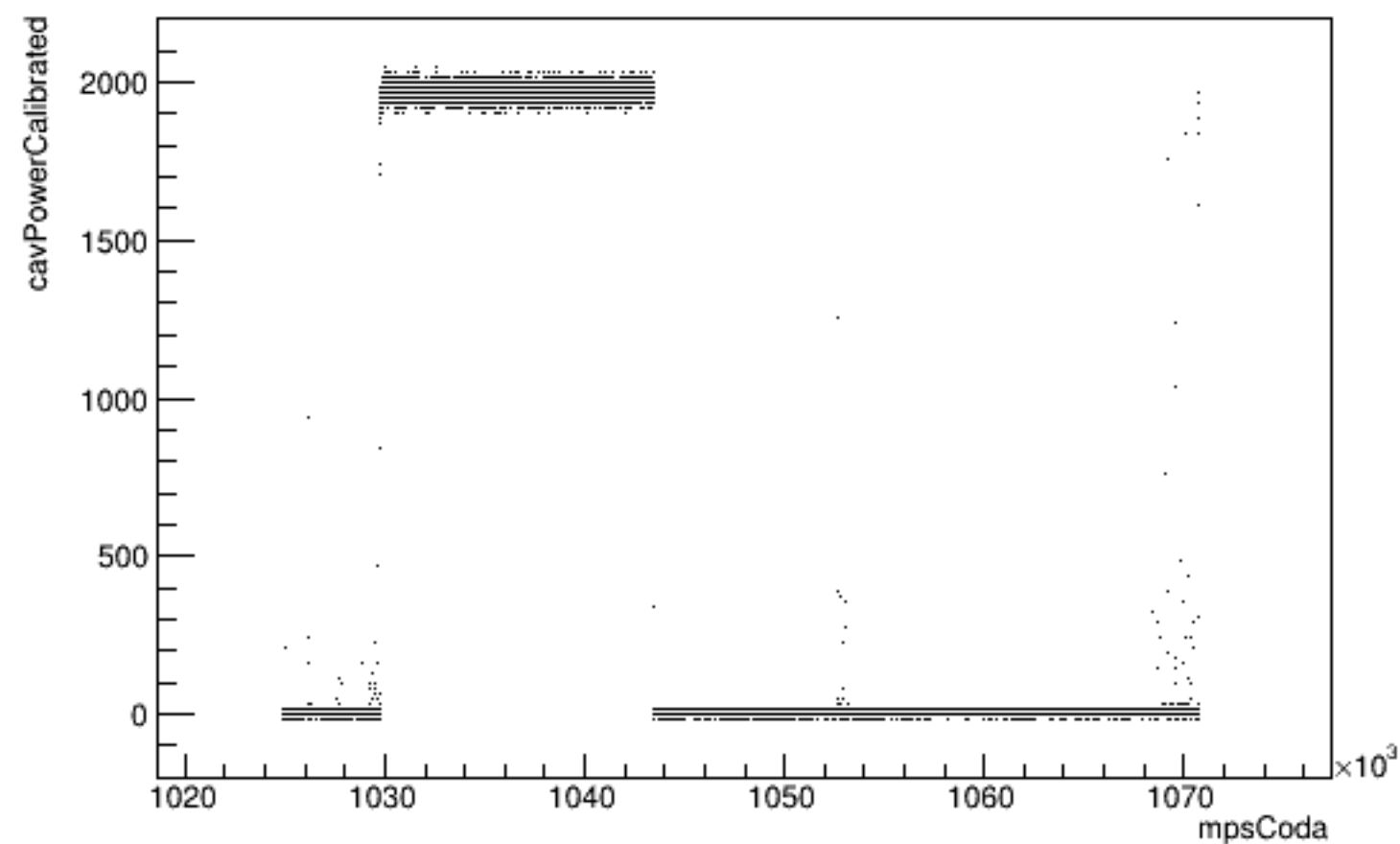
laserState:mpsCoda {mpsCoda>=1024913 && mpsCoda<=1070696}



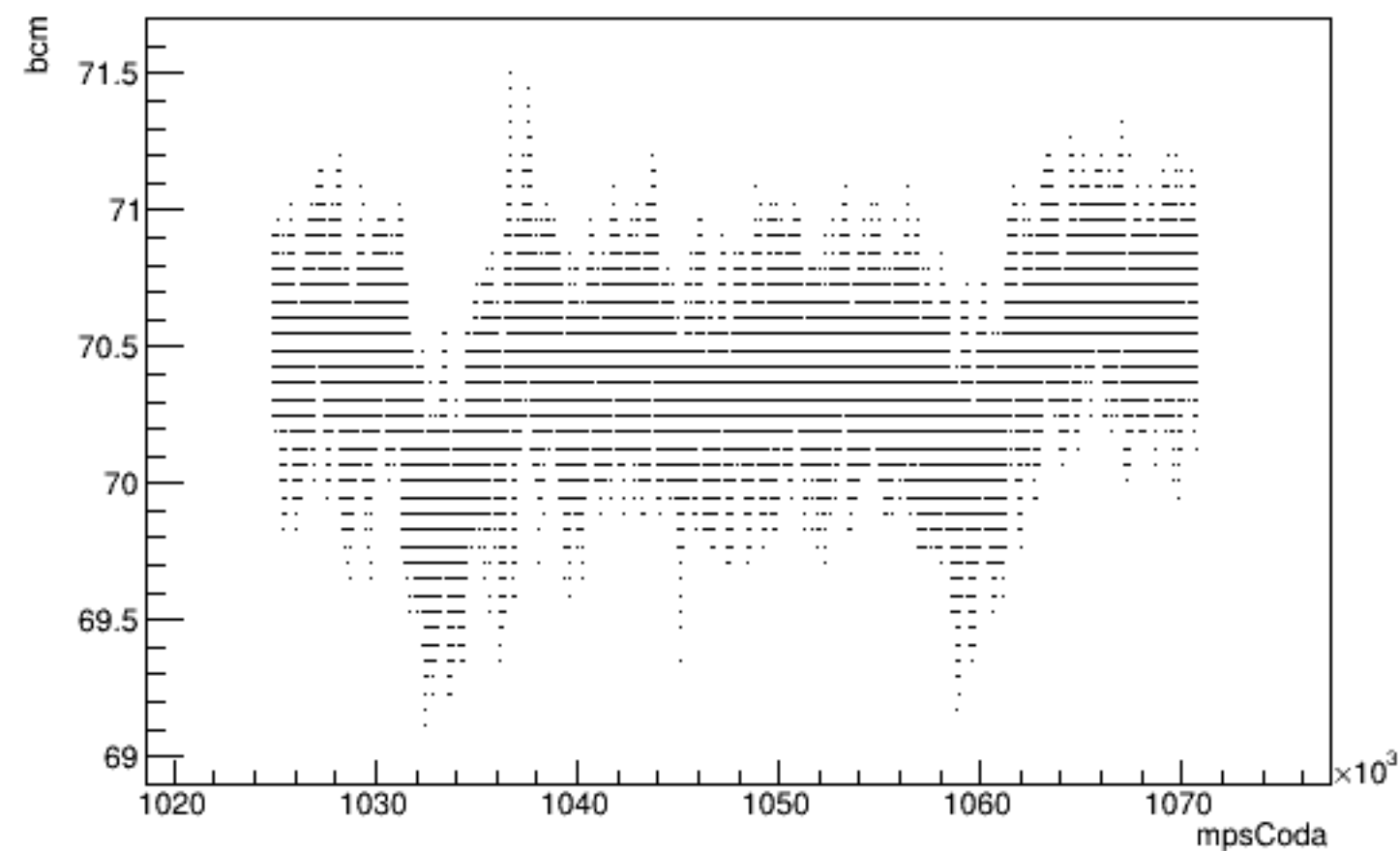
beamState + 1:mpsCoda {mpsCoda>=1024913 && mpsCoda<=1070696}



cavPowerCalibrated:mpsCoda {mpsCoda>=1024913 && mpsCoda<=1070696}



bcm:mpsCoda {mpsCoda>=1024913 && mpsCoda<=1070696}



Cycle 21, Diffs

Entries: 3362

Mean: 0.0168 +/- 0.0060

Std Dev: 0.3490 +/- 0.0043

Entries: 4611

Mean: -0.0643 +/- 0.0057

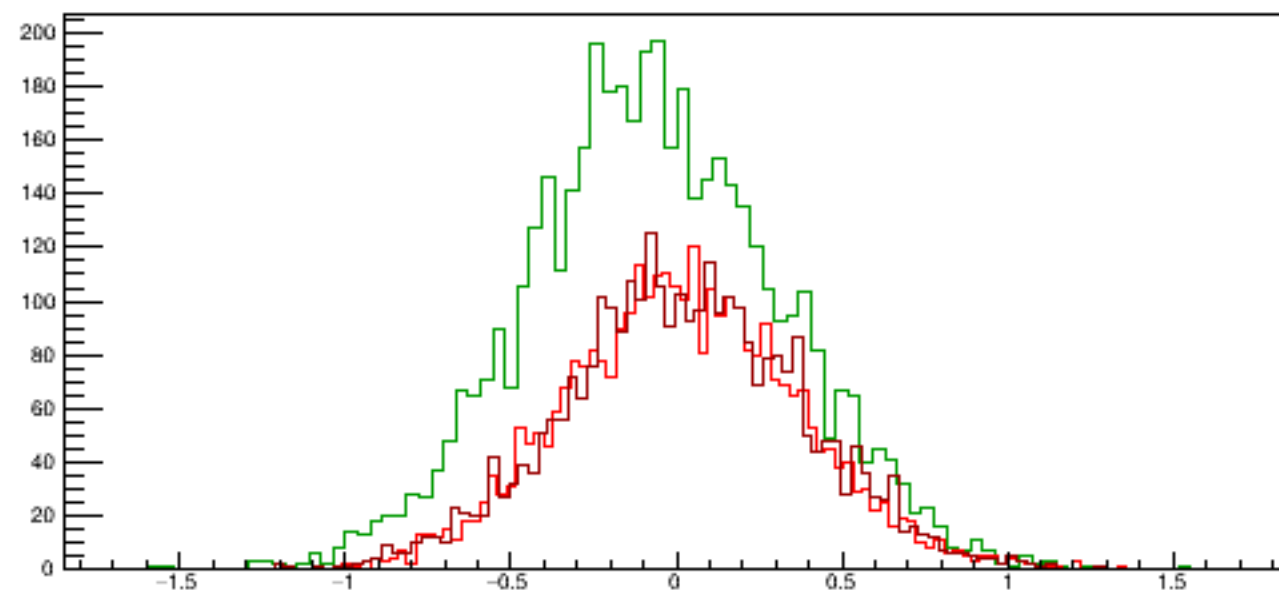
Std Dev: 0.3859 +/- 0.0040

Entries: 3202

Mean: 0.0204 +/- 0.0063

Std Dev: 0.3584 +/- 0.0045

Run 4469 quartetwise, Diffs



Cycle 21, Sums

Entries: 3362

Mean: 15.2656 +/- 0.0083

Std Dev: 0.4826 +/- 0.0059

Entries: 4611

Mean: 21.1110 +/- 0.0088

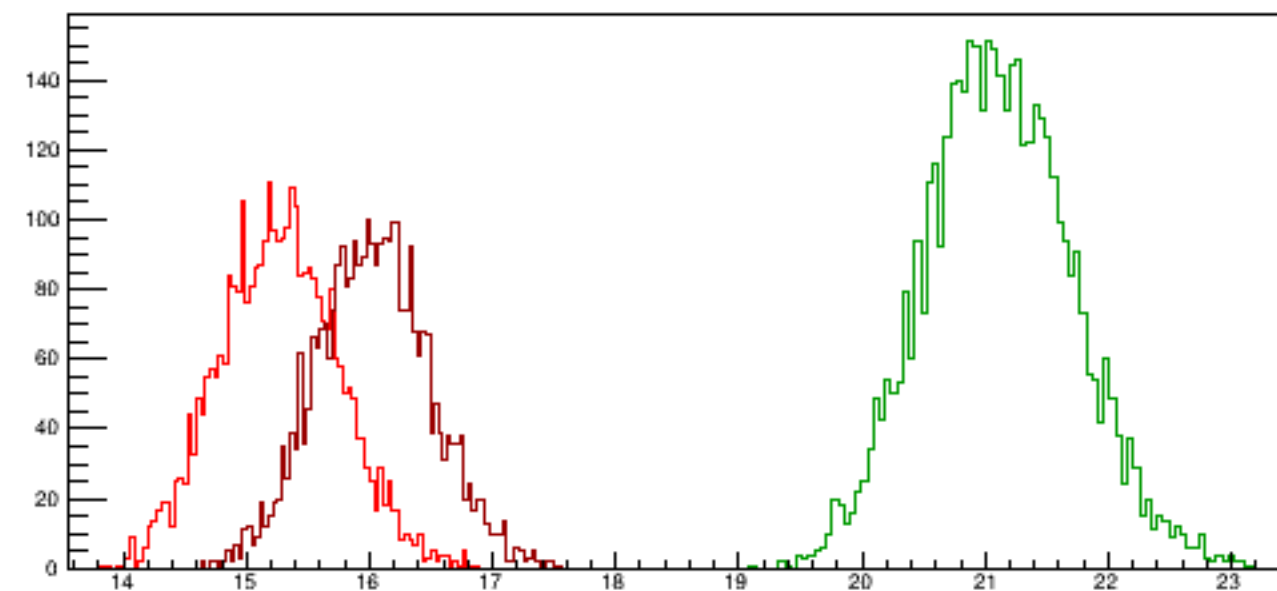
Std Dev: 0.6008 +/- 0.0063

Entries: 3202

Mean: 16.0329 +/- 0.0082

Std Dev: 0.4626 +/- 0.0058

Run 4469 quartetwise, Sums



Cycle 21, Asyms

Entries: 3362

Mean: 0.0031 +/- 0.0011

Std Dev: 0.0639 +/- 0.0008

Entries: 4611

Mean: -0.0119 +/- 0.0010

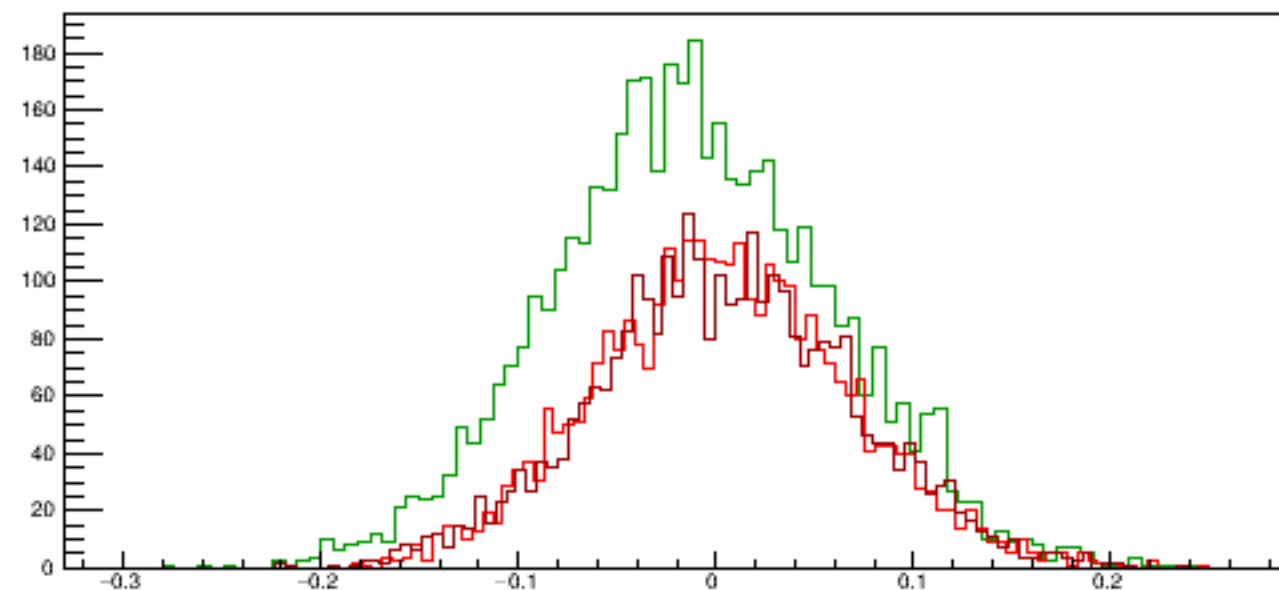
Std Dev: 0.0710 +/- 0.0007

Entries: 3202

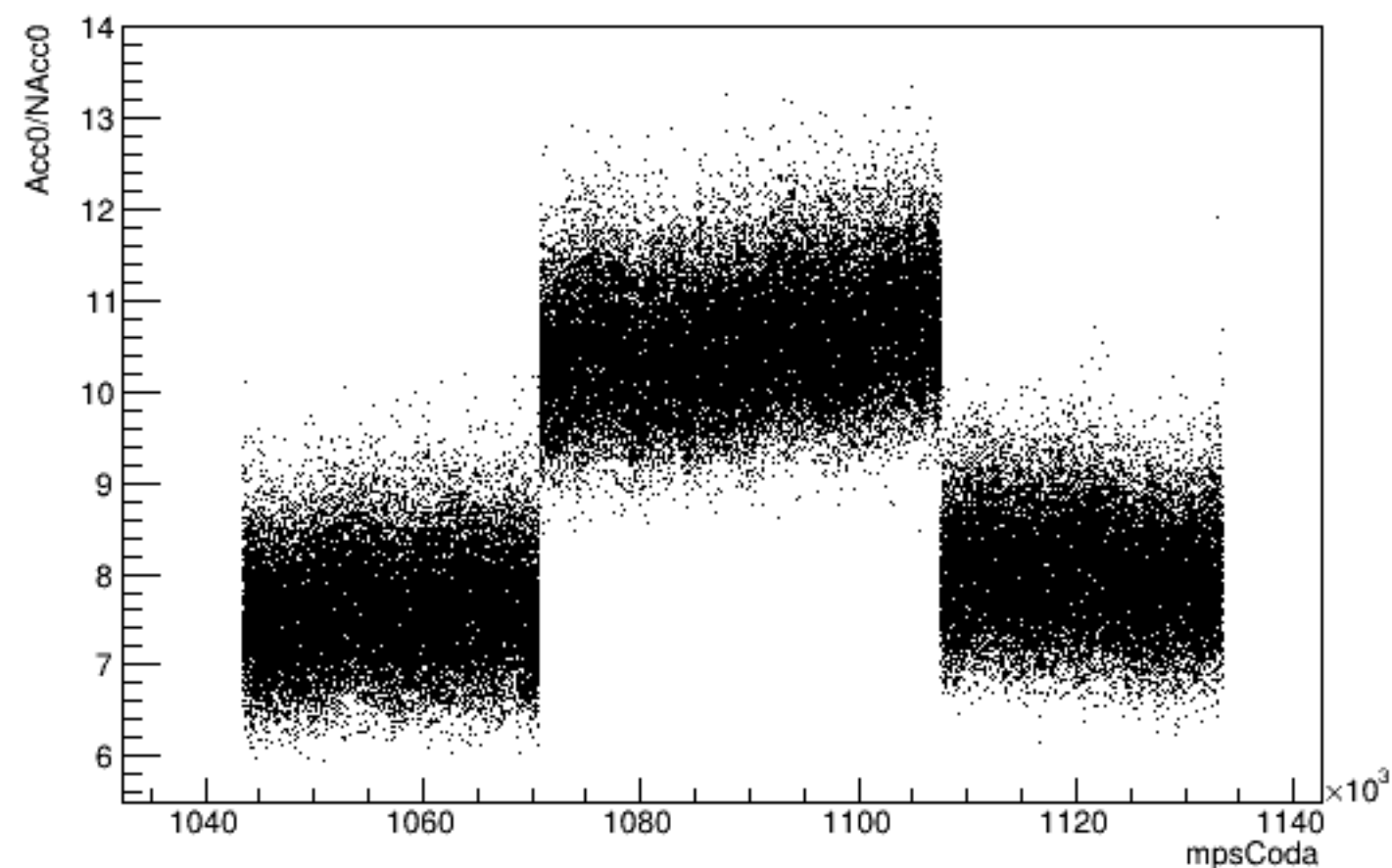
Mean: 0.0037 +/- 0.0012

Std Dev: 0.0656 +/- 0.0008

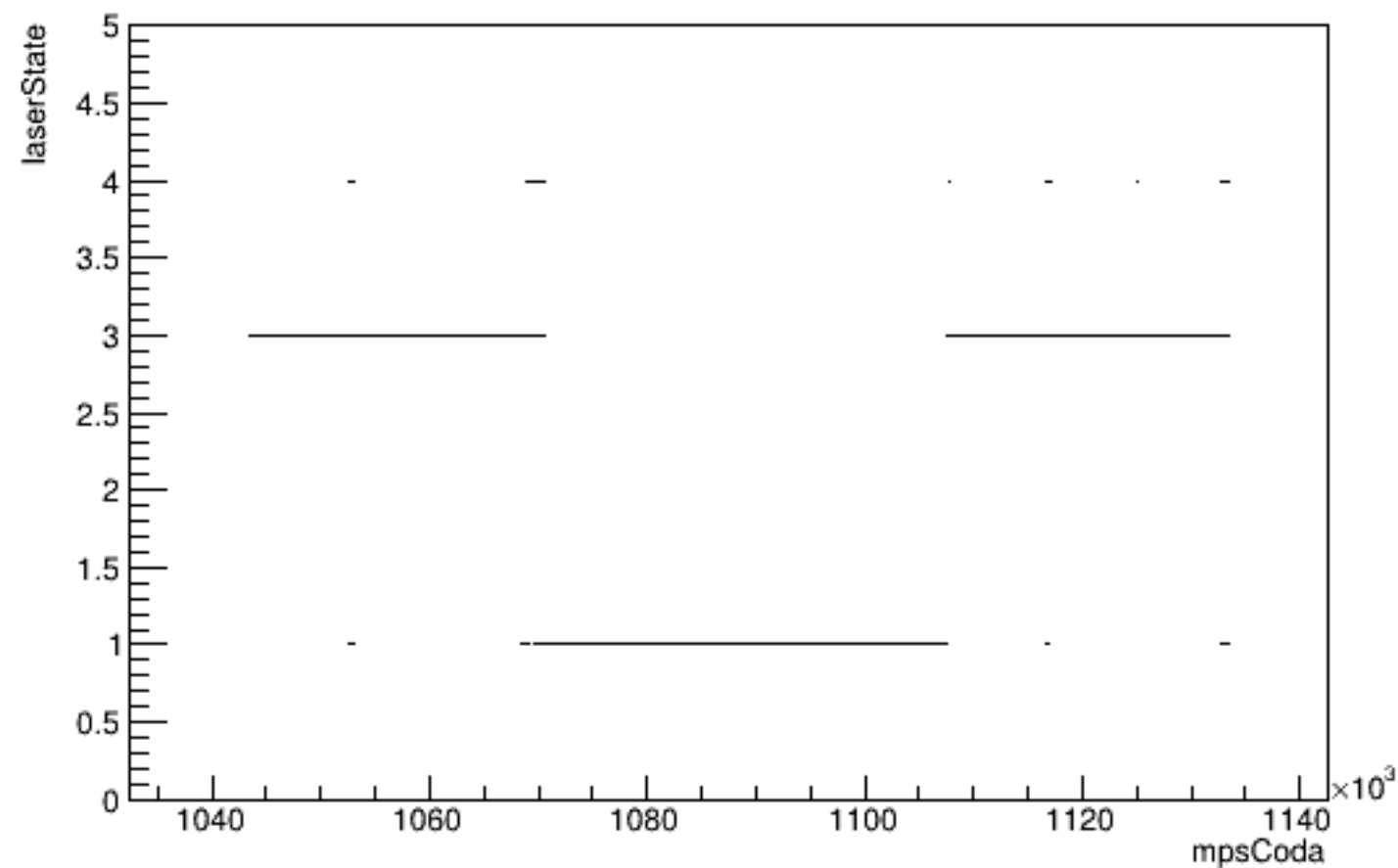
Run 4469 quartetwise, Asyms



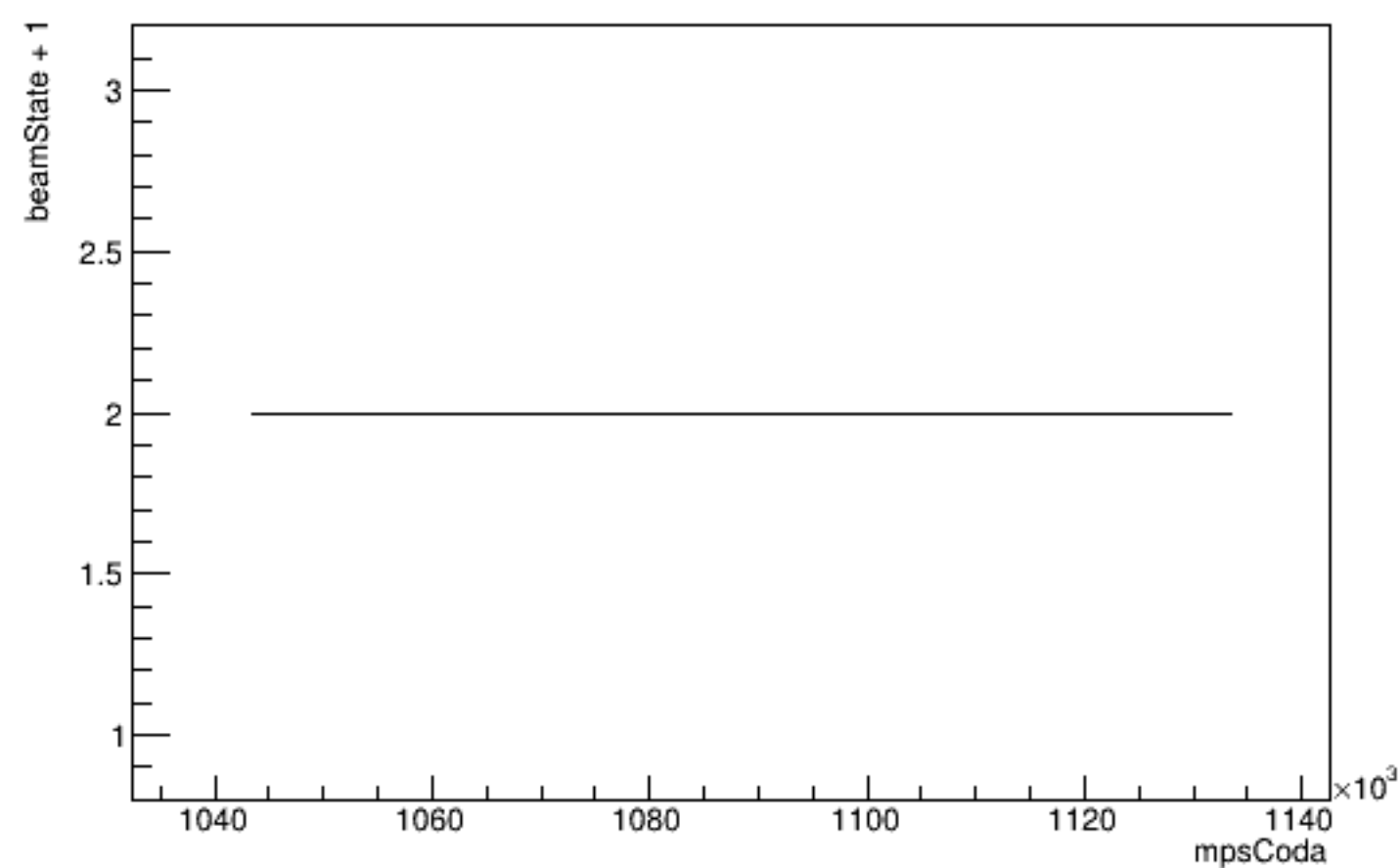
Acc0/NAcc0:mpsCoda (mpsCoda>=1043473 && mpsCoda<=1133424 && beamState==1)



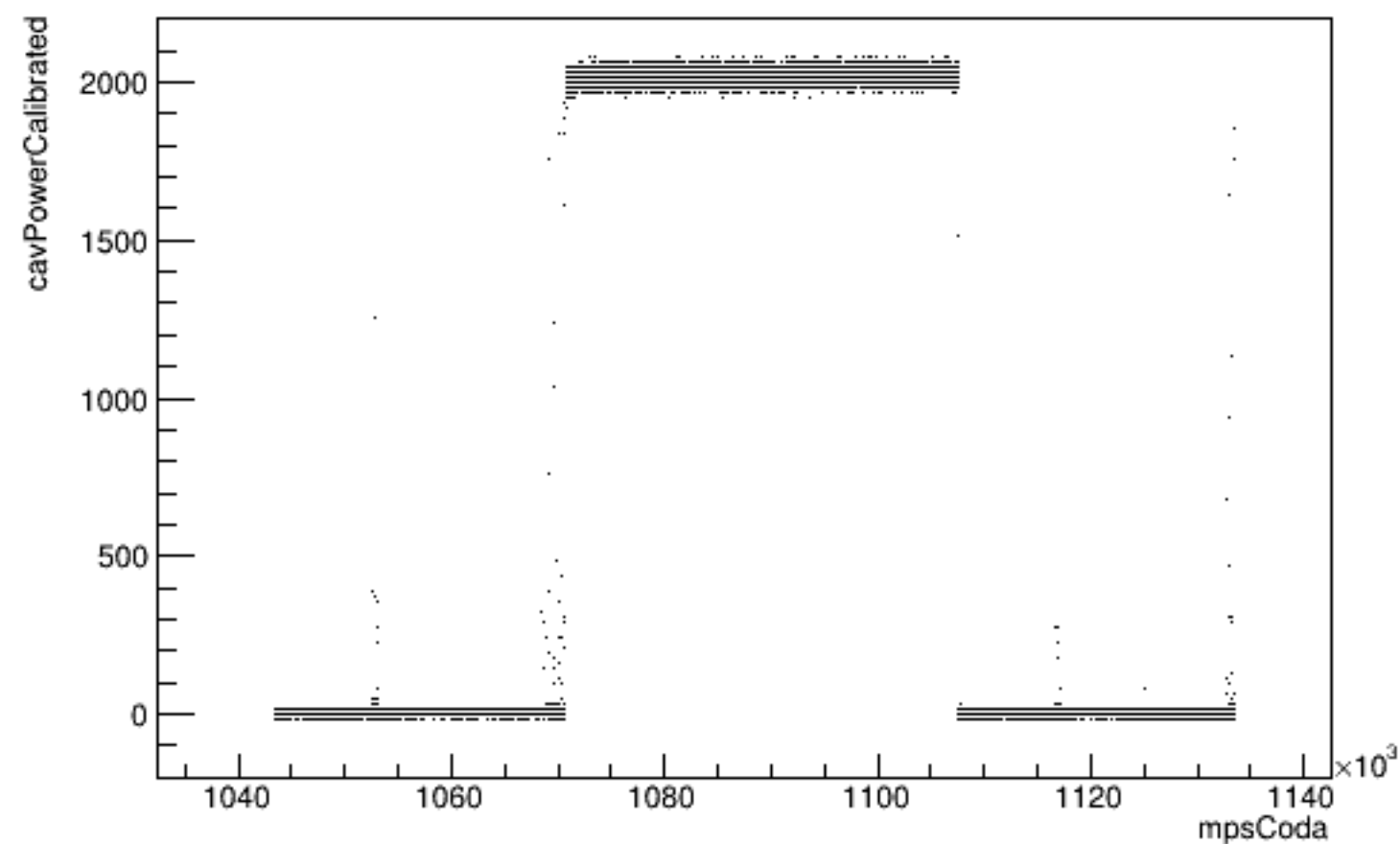
laserState:mpsCoda {mpsCoda>=1043473 && mpsCoda<=1133424}



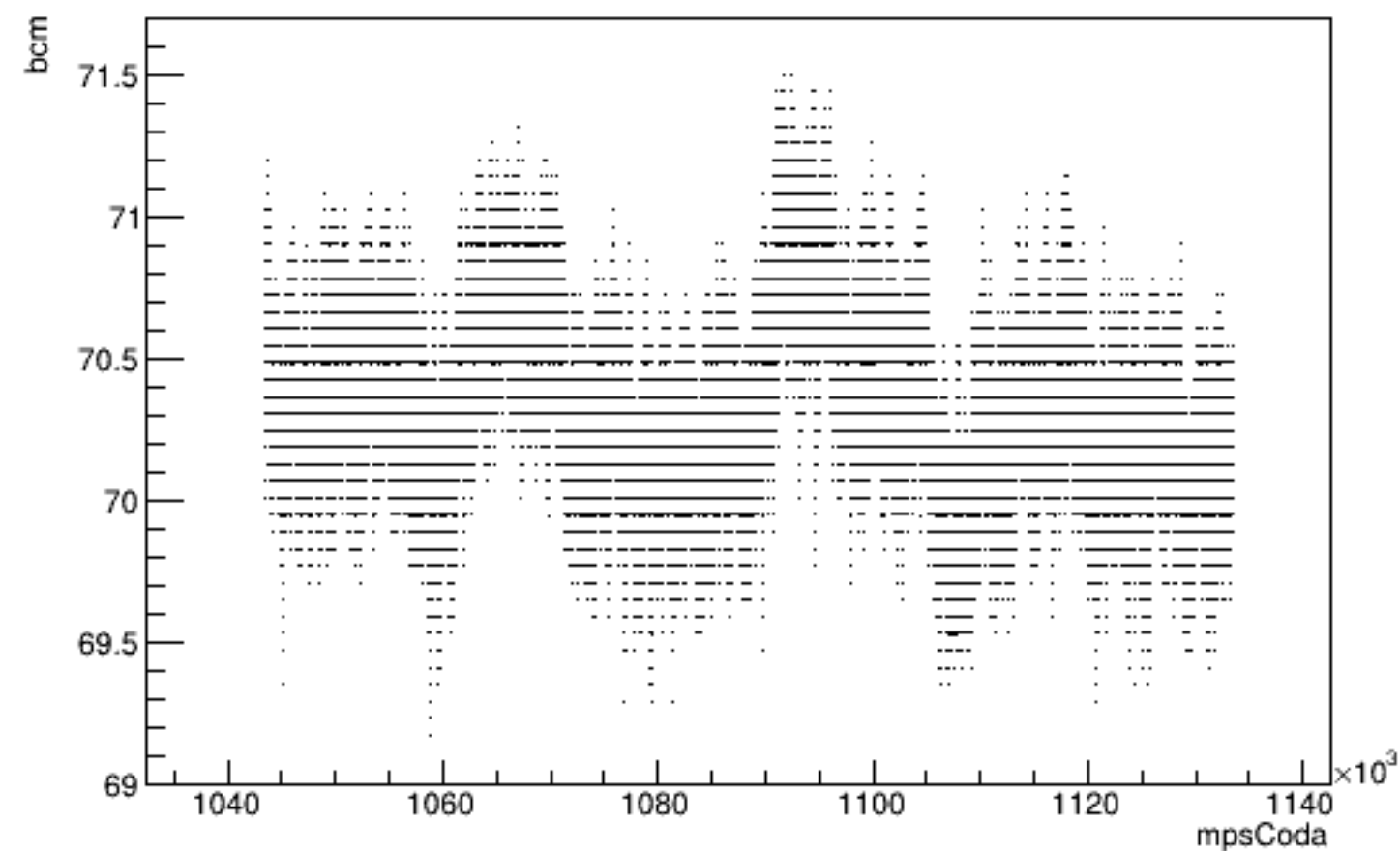
beamState + 1:mpsCoda {mpsCoda>=1043473 && mpsCoda<=1133424}



cavPowerCalibrated:mpsCoda {mpsCoda>=1043473 && mpsCoda<=1133424}



bcm:mpsCoda {mpsCoda>=1043473 && mpsCoda<=1133424}



Cycle 22, Diffs

Entries: 3202

Mean: 0.0204 +/- 0.0063

Std Dev: 0.3584 +/- 0.0045

Entries: 4603

Mean: -0.0501 +/- 0.0057

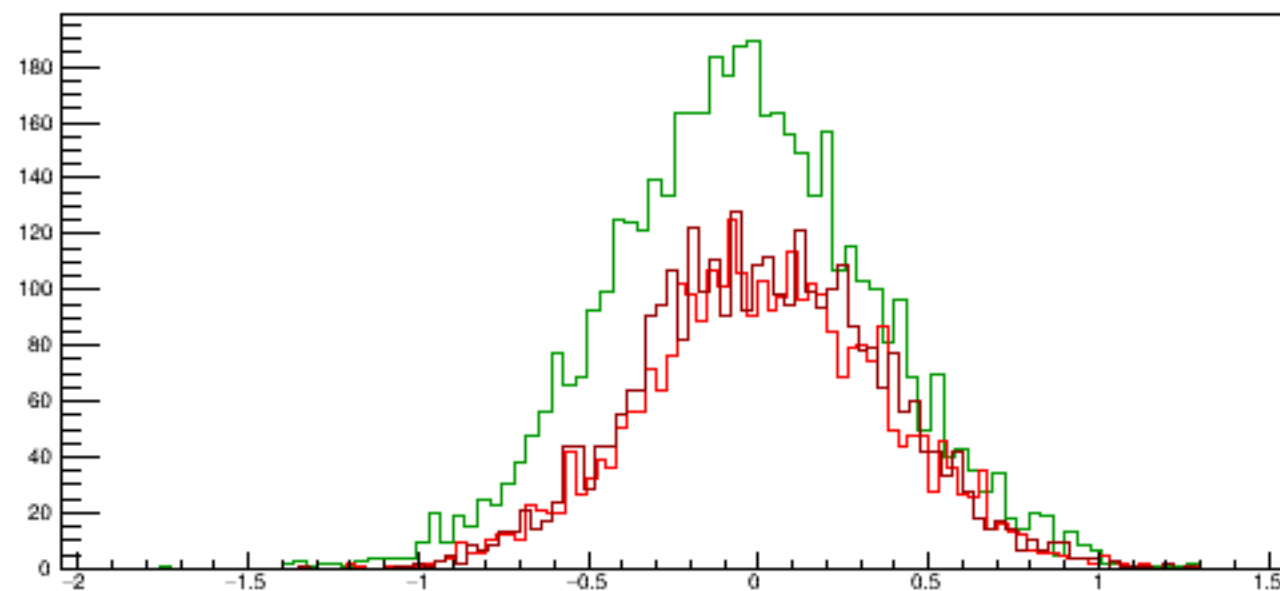
Std Dev: 0.3876 +/- 0.0040

Entries: 3300

Mean: 0.0153 +/- 0.0062

Std Dev: 0.3546 +/- 0.0044

Run 4469 quartetwise, Diffs



Cycle 22, Sums

Entries: 3202

Mean: 16.0329 +/- 0.0082

Std Dev: 0.4626 +/- 0.0058

Entries: 4603

Mean: 21.3052 +/- 0.0080

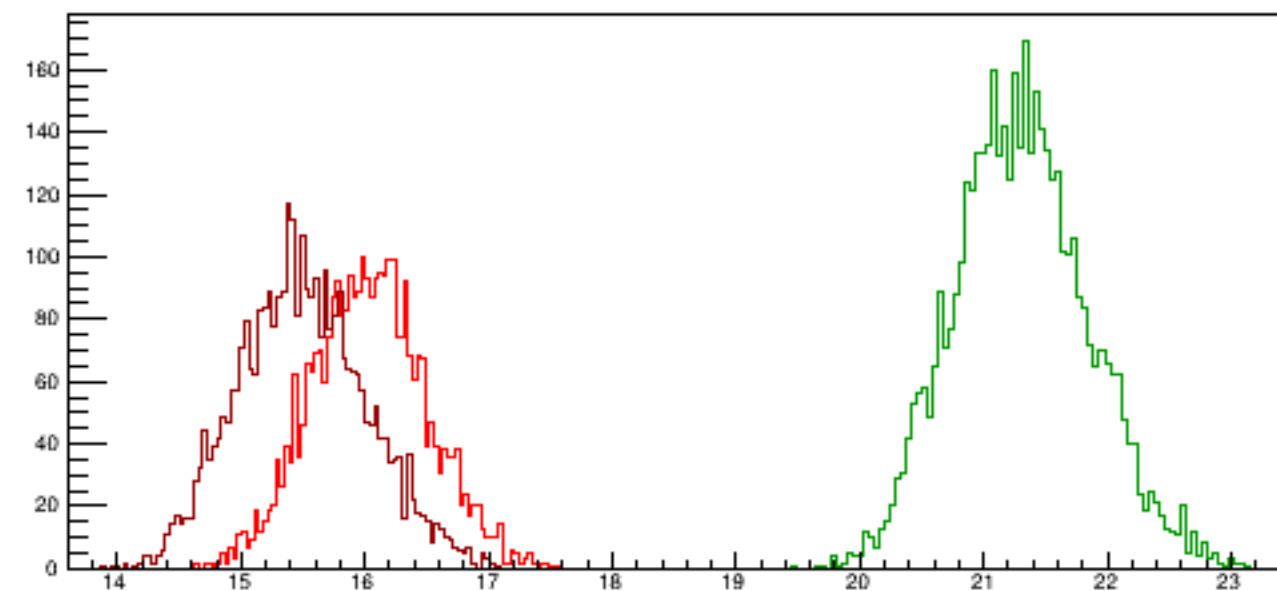
Std Dev: 0.5427 +/- 0.0057

Entries: 3300

Mean: 15.4952 +/- 0.0090

Std Dev: 0.5160 +/- 0.0064

Run 4469 quartetwise, Sums



Cycle 22, Asyms

Entries: 3202

Mean: 0.0037 +/- 0.0011

Std Dev: 0.0647 +/- 0.0008

Entries: 4603

Mean: -0.0090 +/- 0.0010

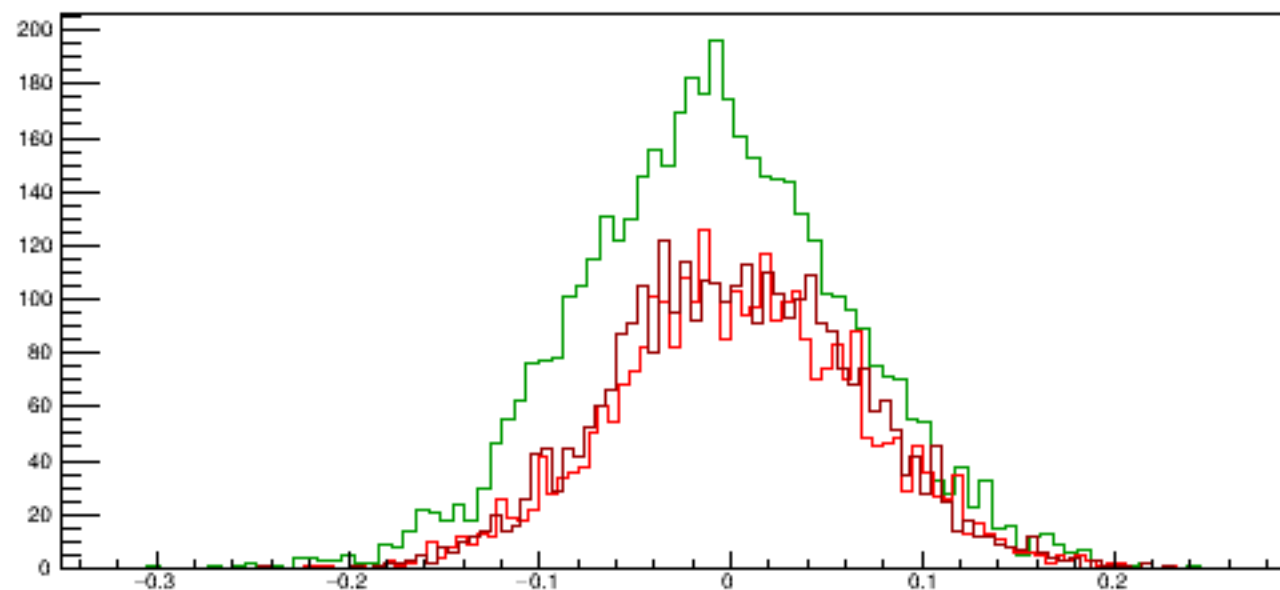
Std Dev: 0.0702 +/- 0.0007

Entries: 3300

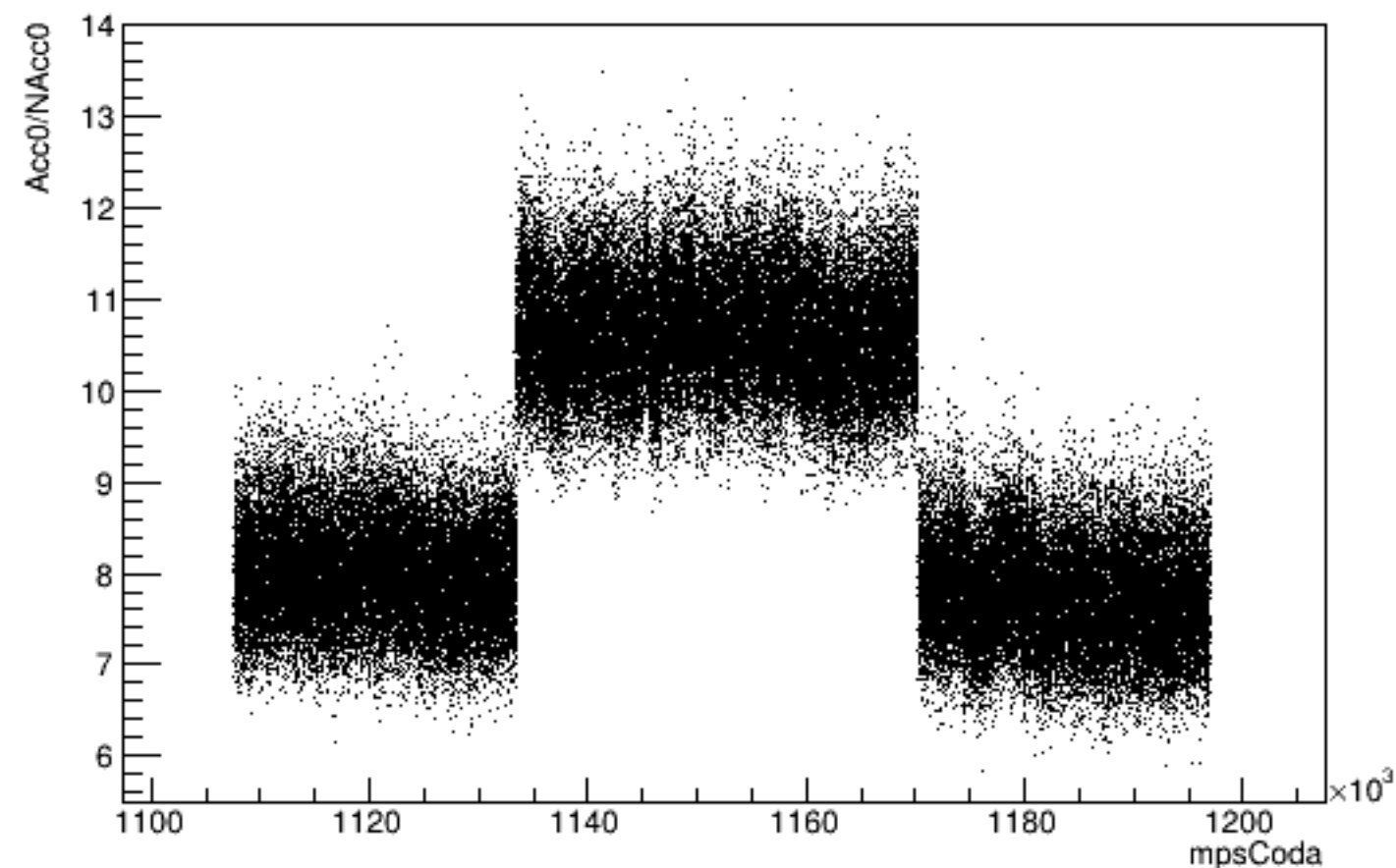
Mean: 0.0028 +/- 0.0011

Std Dev: 0.0640 +/- 0.0008

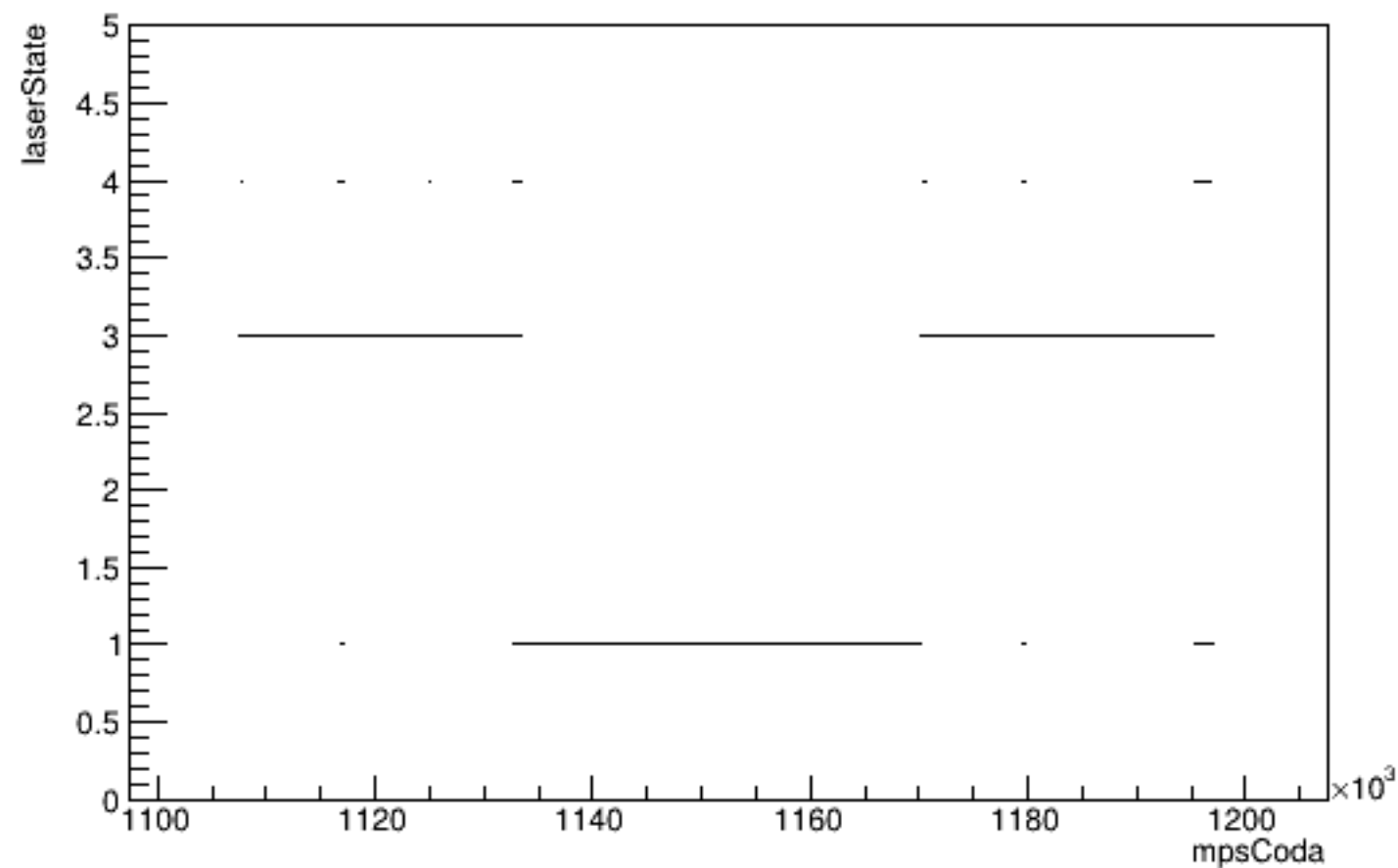
Run 4469 quartetwise, Asyms



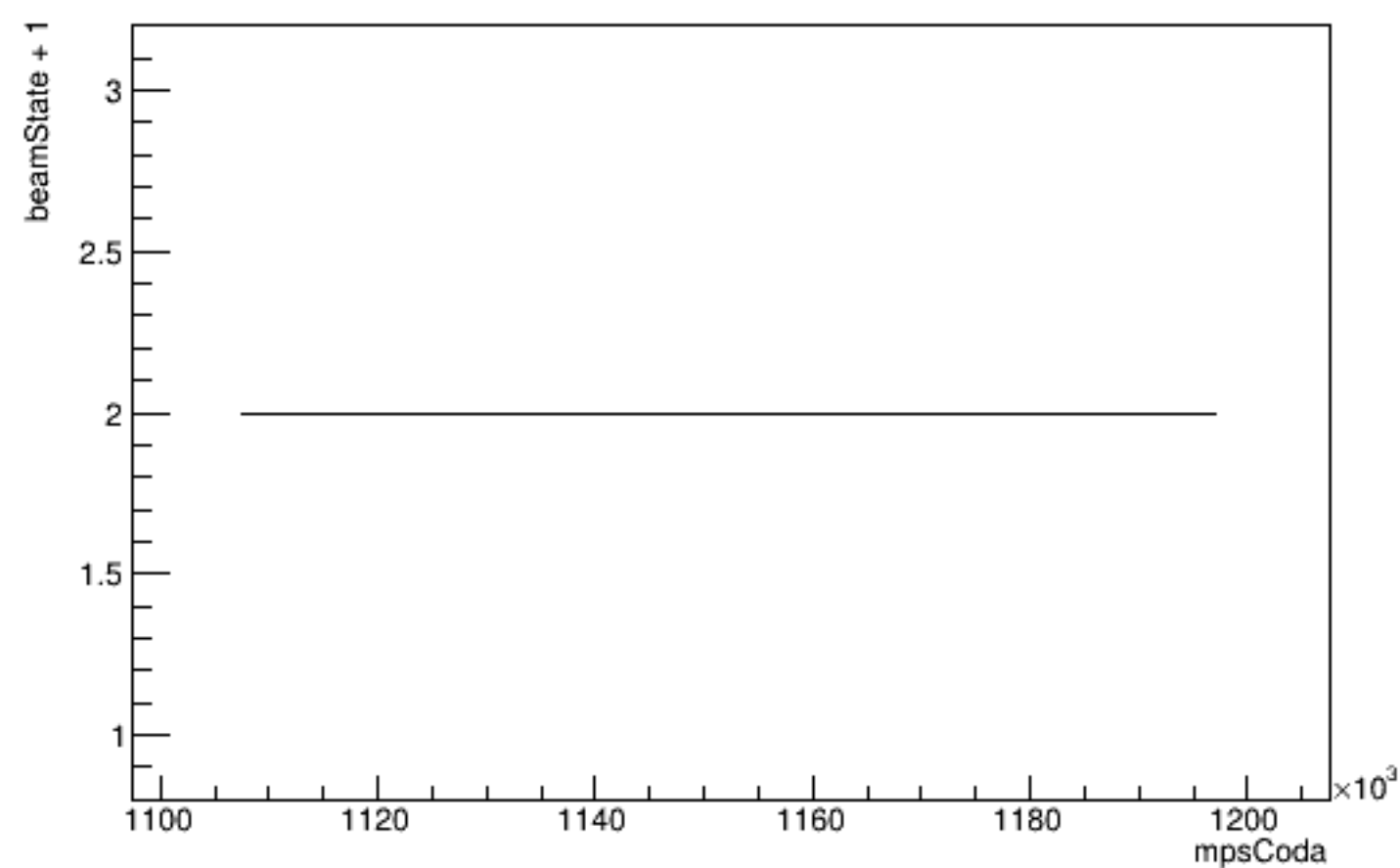
Acc0/NAcc0:mpsCoda (mpsCoda>=1107593 && mpsCoda<=1196968 && beamState==1)



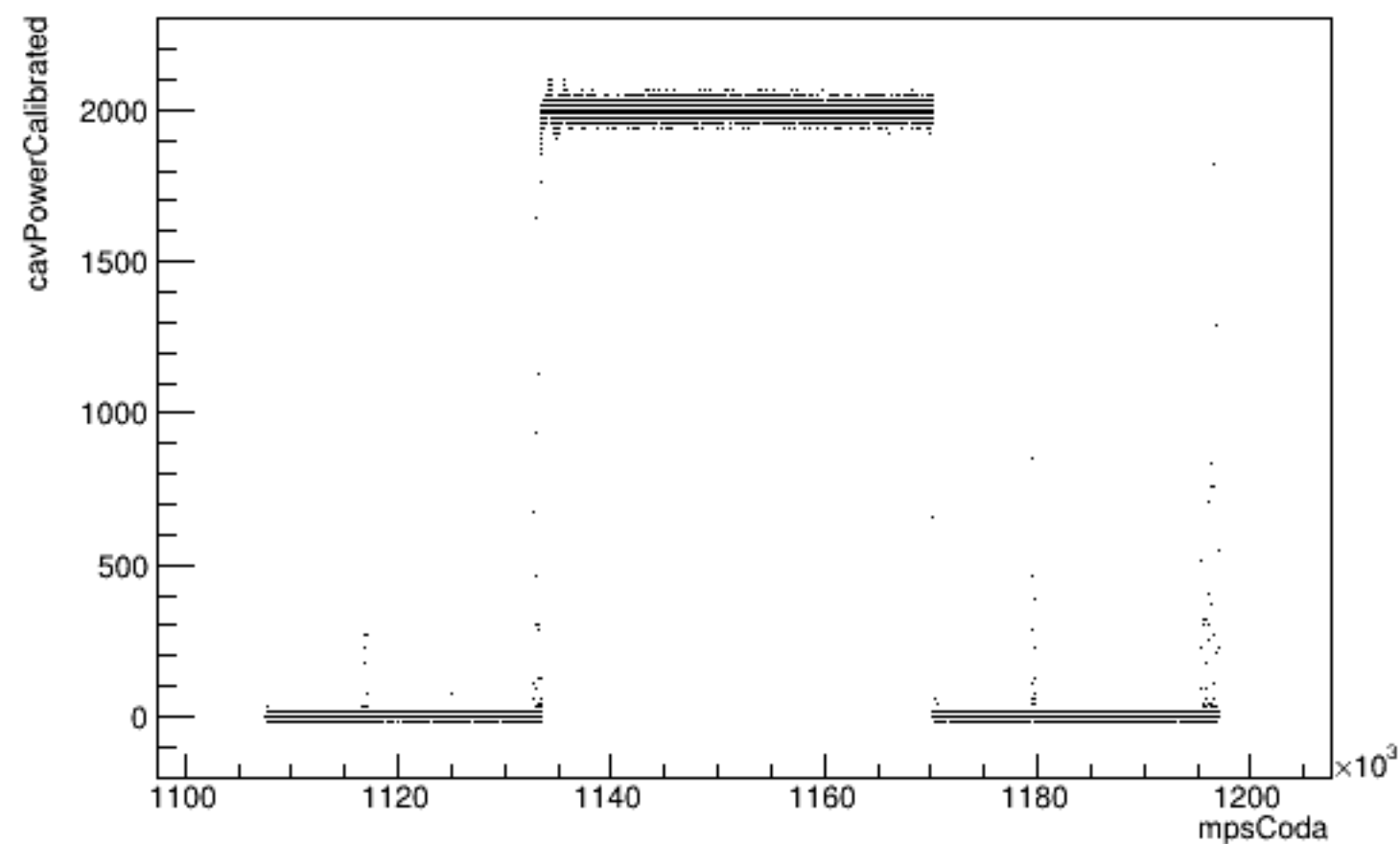
laserState:mpsCoda {mpsCoda>=1107593 && mpsCoda<=1196968}



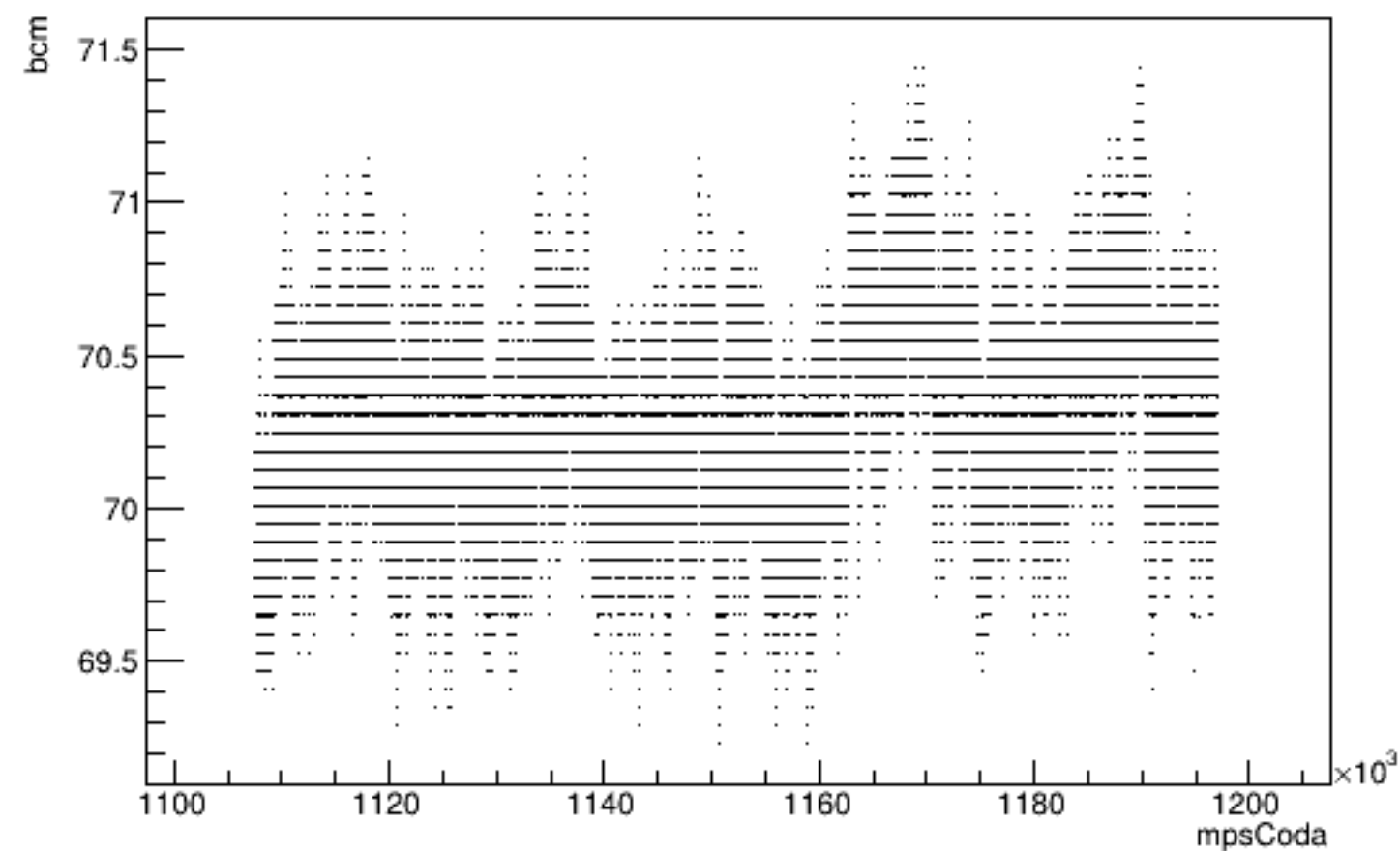
beamState + 1:mpsCoda {mpsCoda>=1107593 && mpsCoda<=1196968}



cavPowerCalibrated:mpsCoda {mpsCoda>=1107593 && mpsCoda<=1196968}



bcm:mpsCoda {mpsCoda>=1107593 && mpsCoda<=1196968}



Cycle 23, Diffs

Entries: 3300

Mean: 0.0153 +/- 0.0062

Std Dev: 0.3546 +/- 0.0044

Entries: 4618

Mean: -0.0664 +/- 0.0057

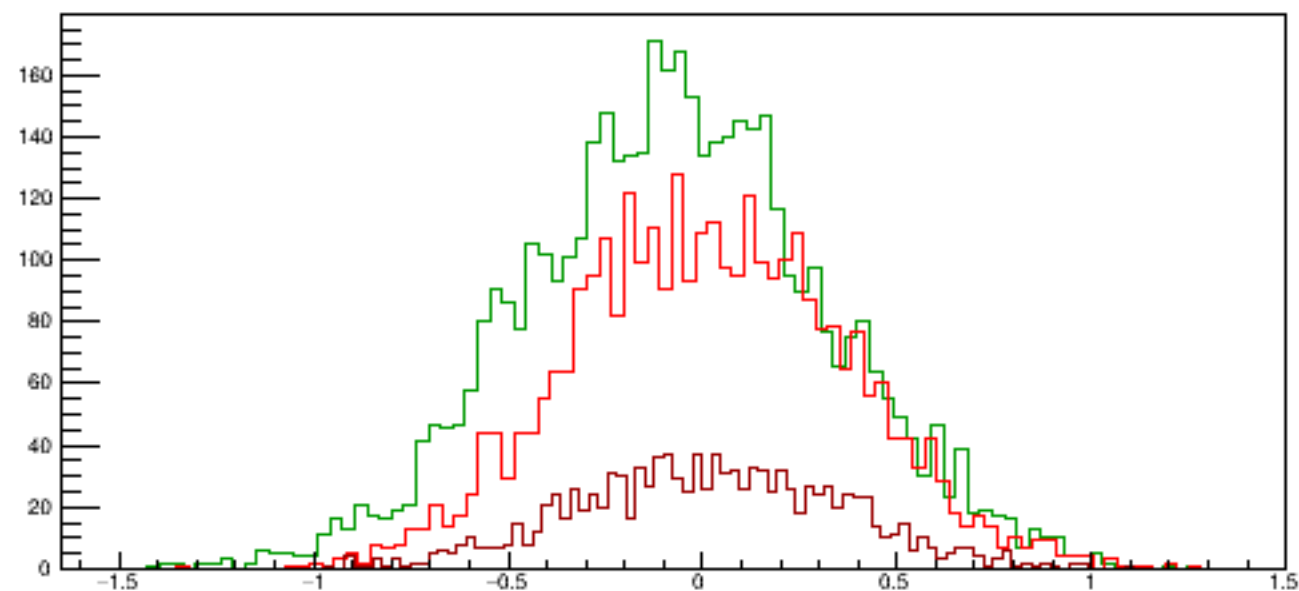
Std Dev: 0.3881 +/- 0.0040

Entries: 1175

Mean: 0.0143 +/- 0.0100

Std Dev: 0.3430 +/- 0.0071

Run 4469 quartetwise, Diffs



Cycle 23, Sums

Entries: 3300

Mean: 15.4952 +/- 0.0090

Std Dev: 0.5160 +/- 0.0064

Entries: 4618

Mean: 21.3230 +/- 0.0089

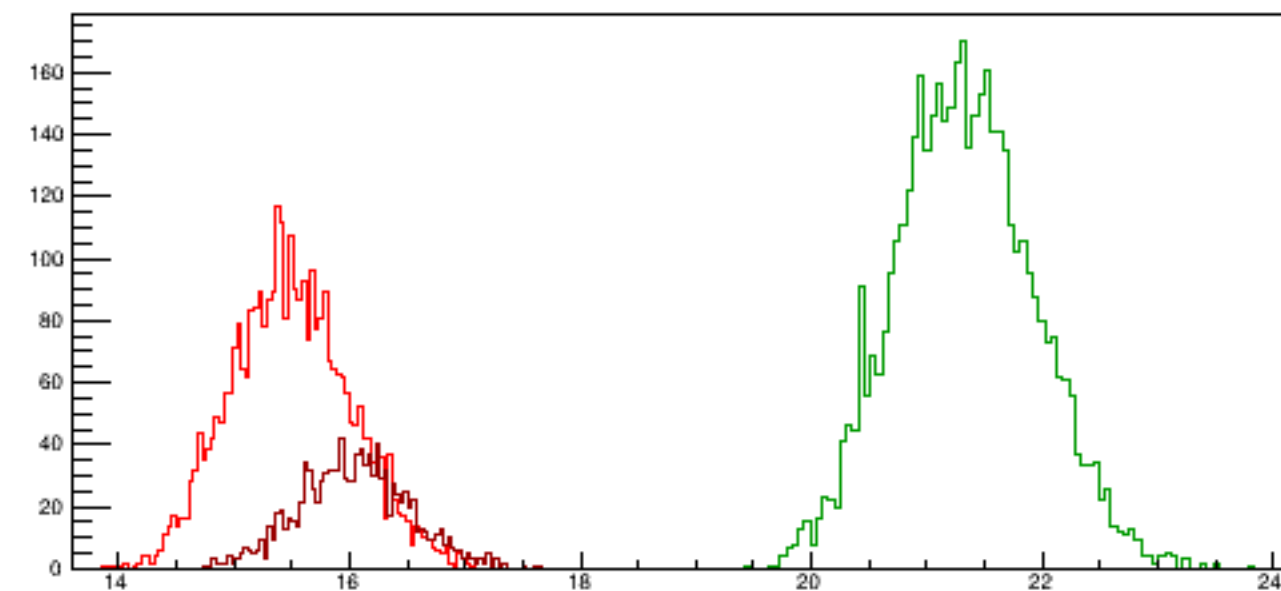
Std Dev: 0.6027 +/- 0.0063

Entries: 1175

Mean: 16.0426 +/- 0.0139

Std Dev: 0.4749 +/- 0.0098

Run 4469 quartetwise, Sums



Cycle 23, Asyms

Entries: 3300

Mean: 0.0027 +/- 0.0011

Std Dev: 0.0638 +/- 0.0008

Entries: 4618

Mean: -0.0124 +/- 0.0010

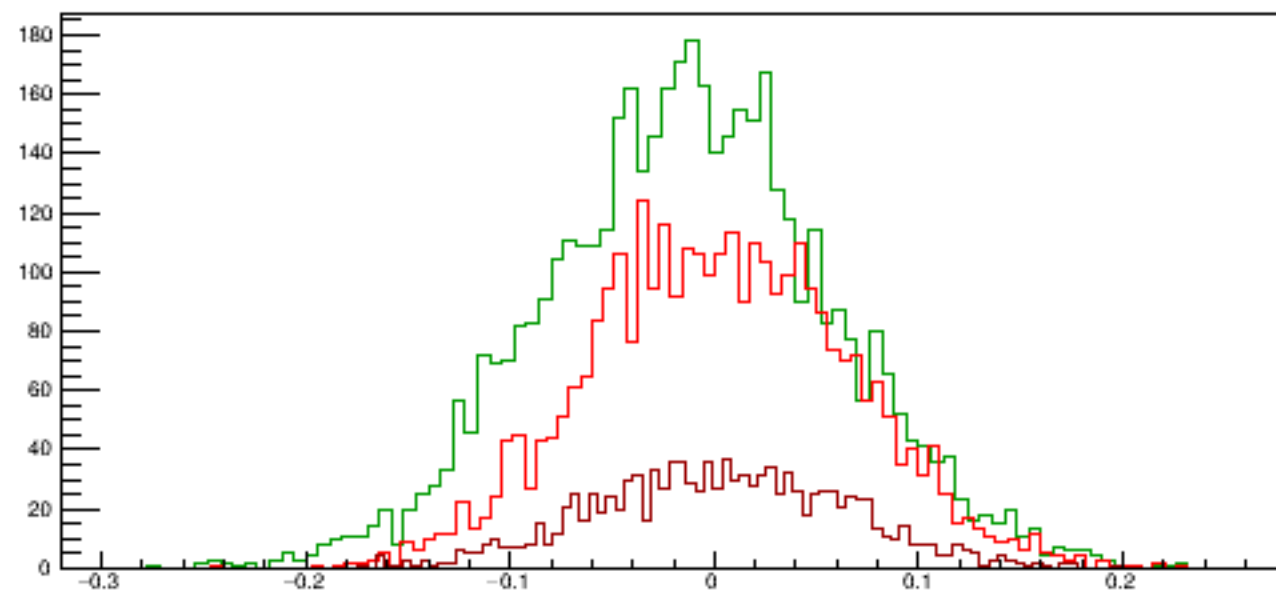
Std Dev: 0.0707 +/- 0.0007

Entries: 1175

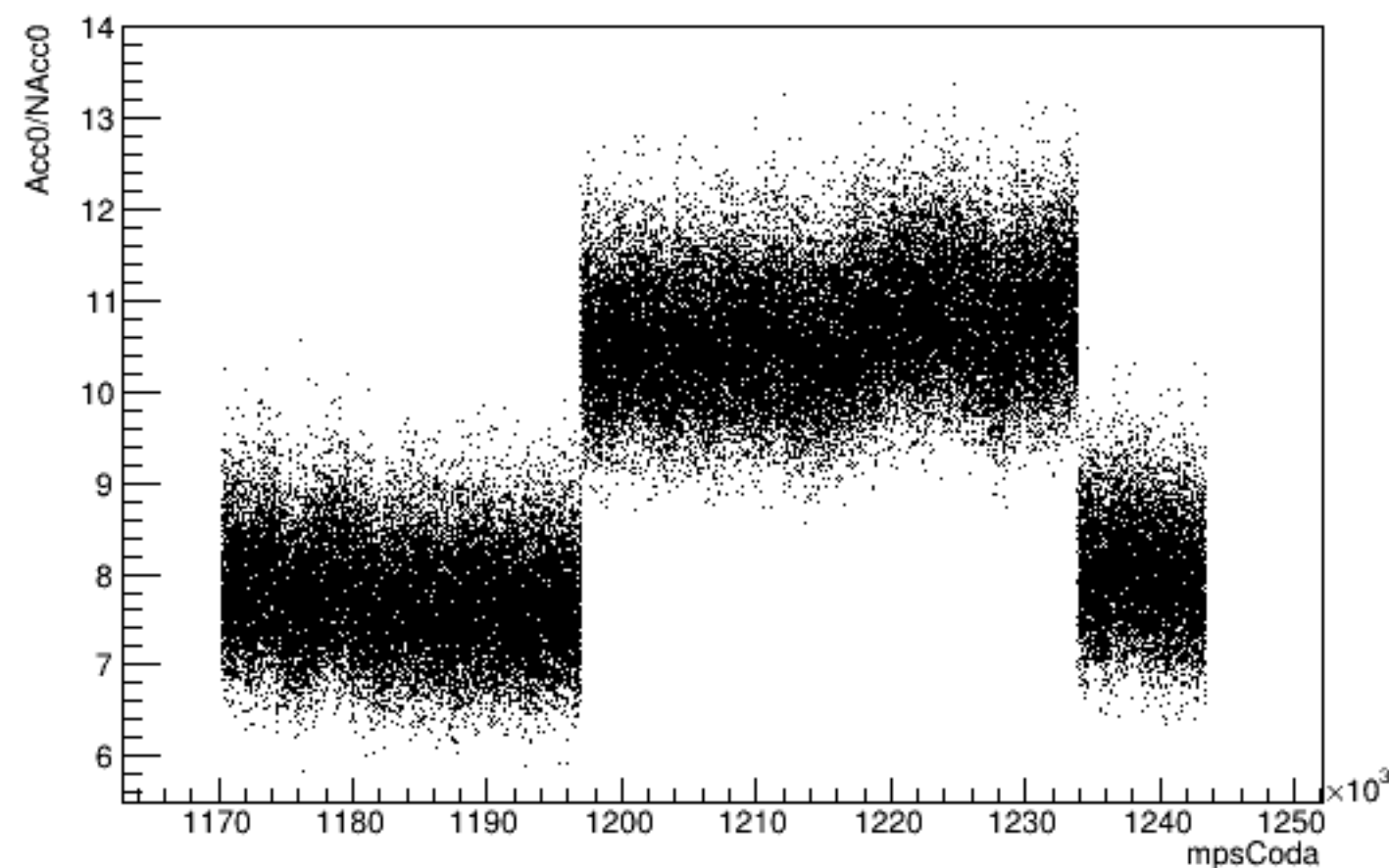
Mean: 0.0026 +/- 0.0018

Std Dev: 0.0617 +/- 0.0013

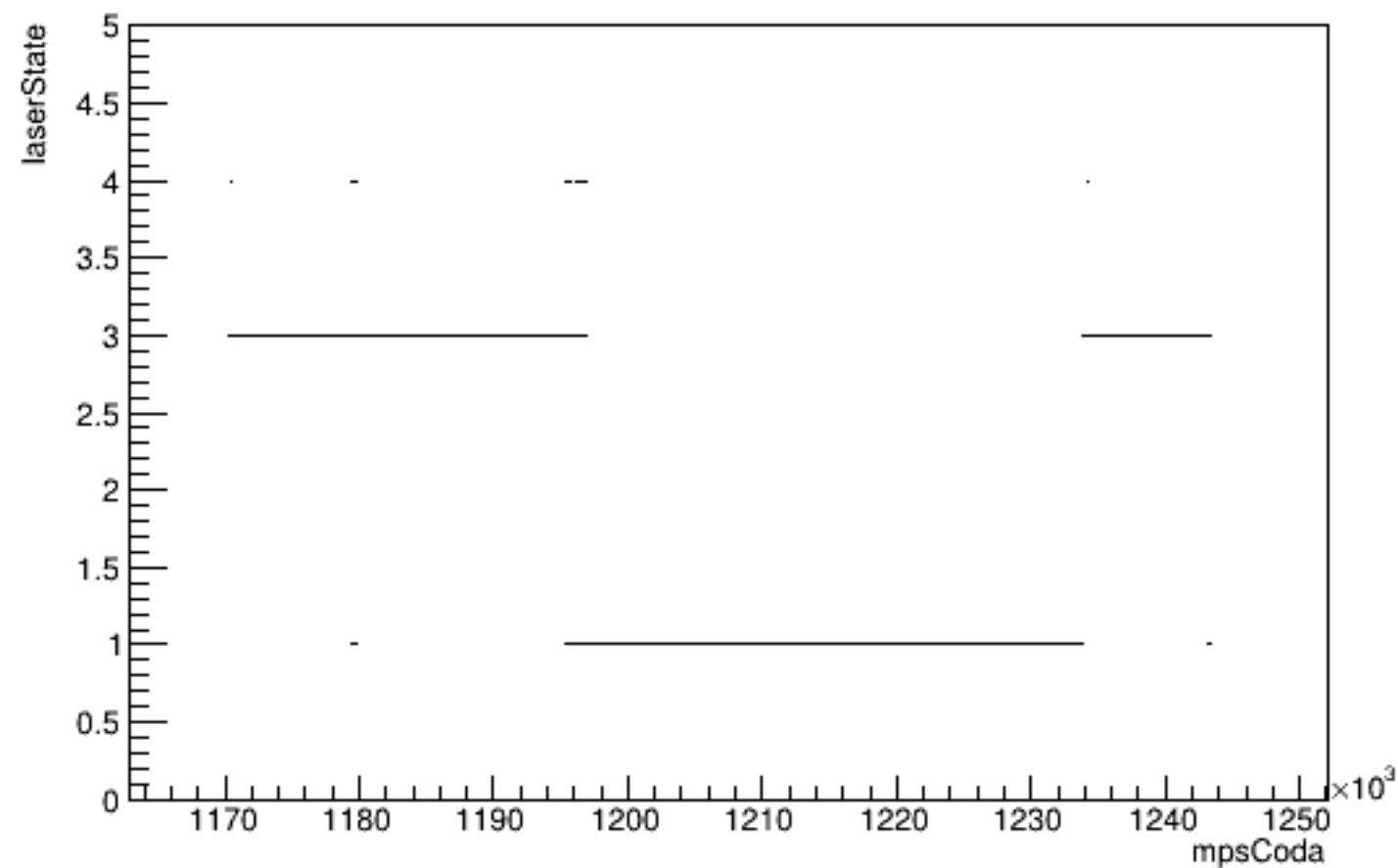
Run 4469 quartetwise, Asyms



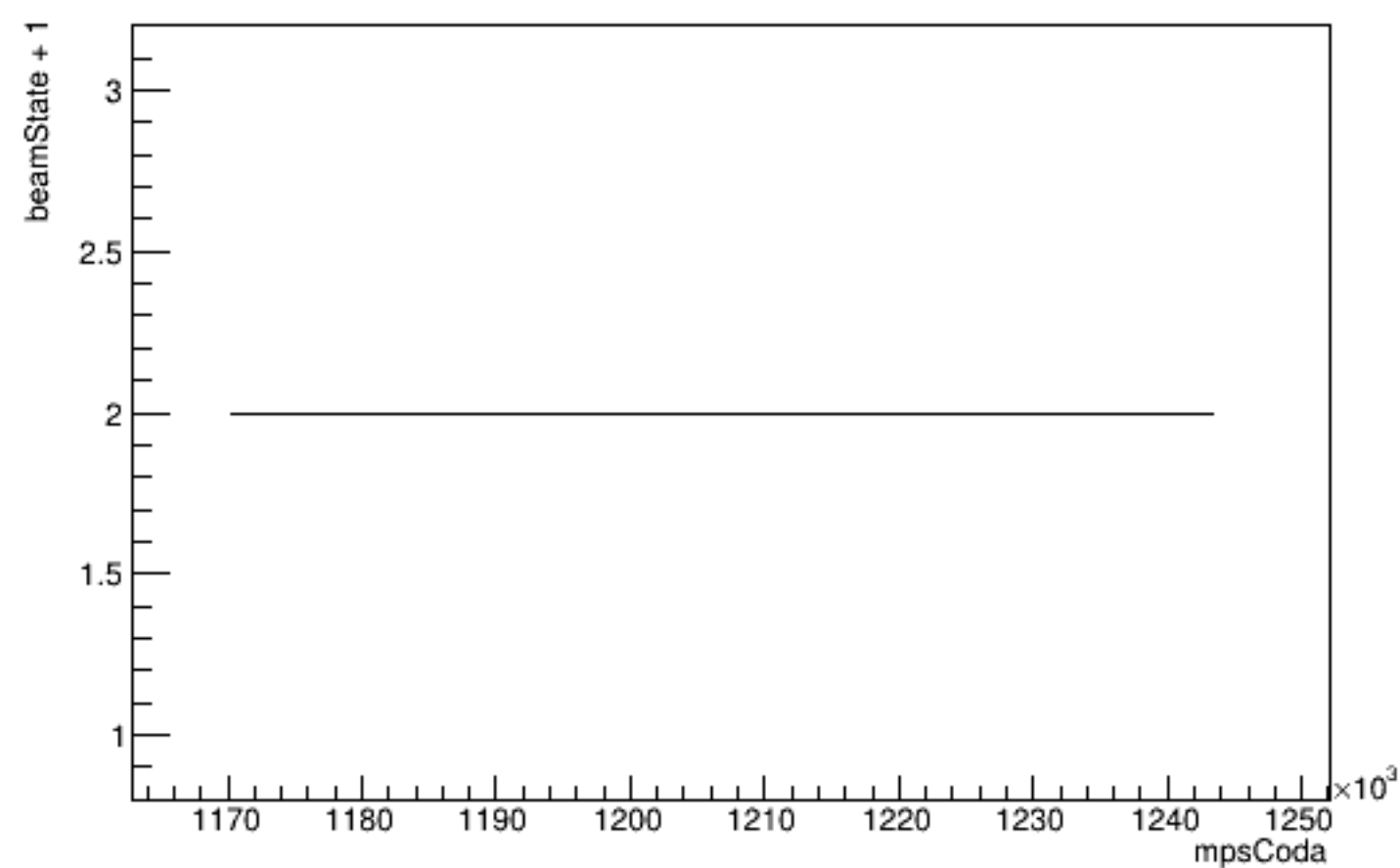
Acc0/NAcc0:mpsCoda (mpsCoda>=1170257 && mpsCoda<=1243360 && beamState==1)



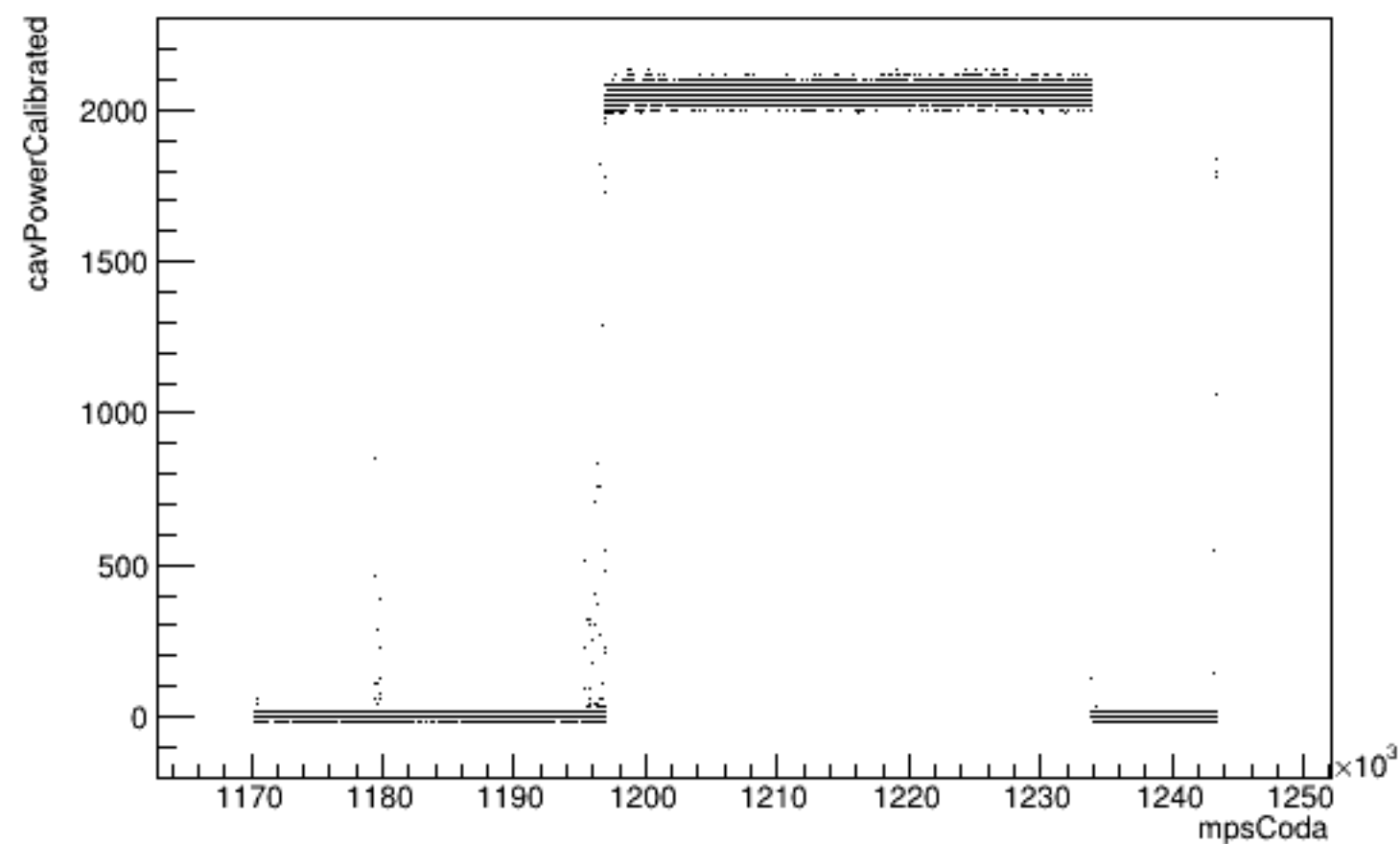
laserState:mpsCoda {mpsCoda>=1170257 && mpsCoda<=1243360}



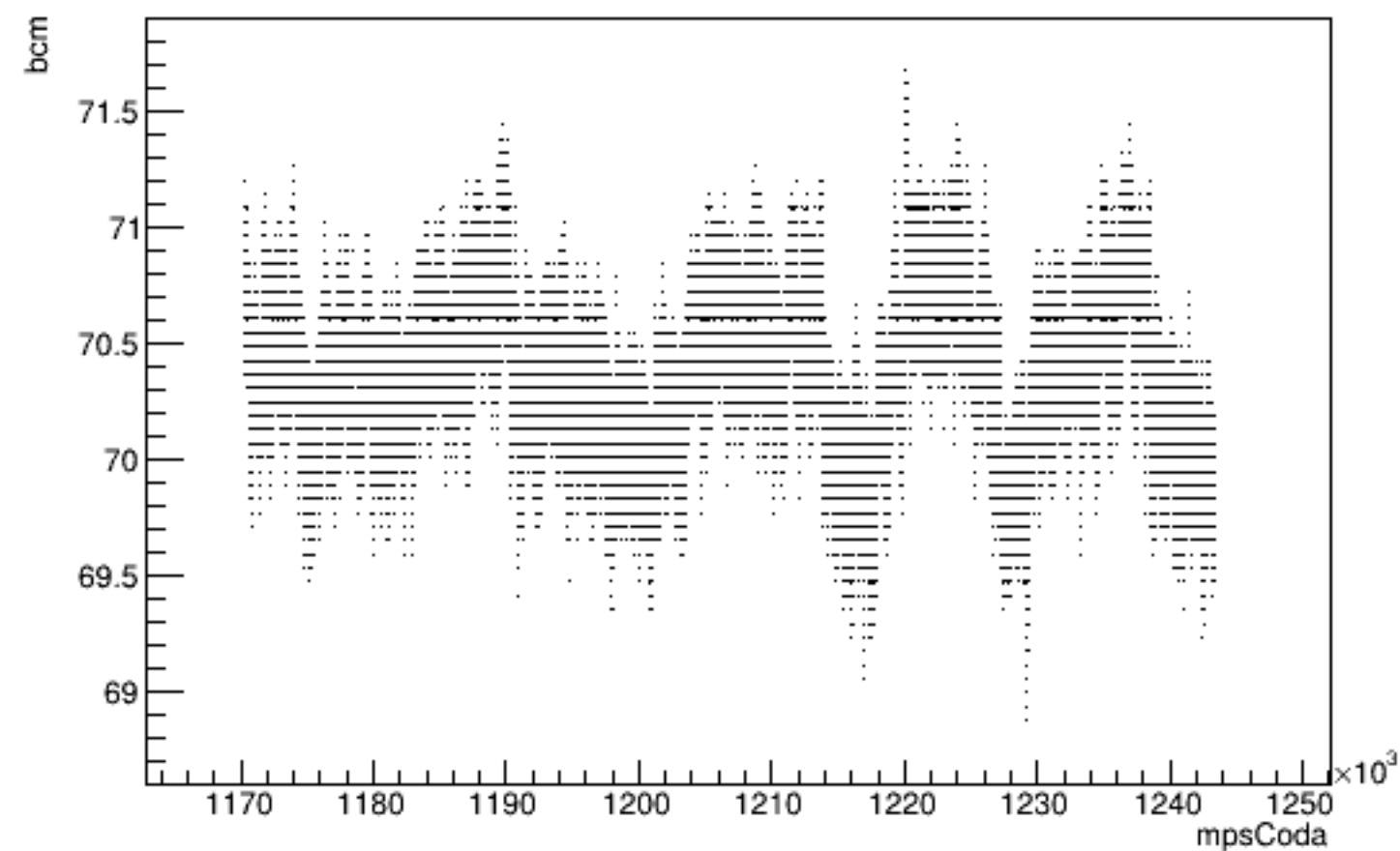
beamState + 1:mpsCoda {mpsCoda>=1170257 && mpsCoda<=1243360}



cavPowerCalibrated:mpsCoda {mpsCoda>=1170257 && mpsCoda<=1243360}



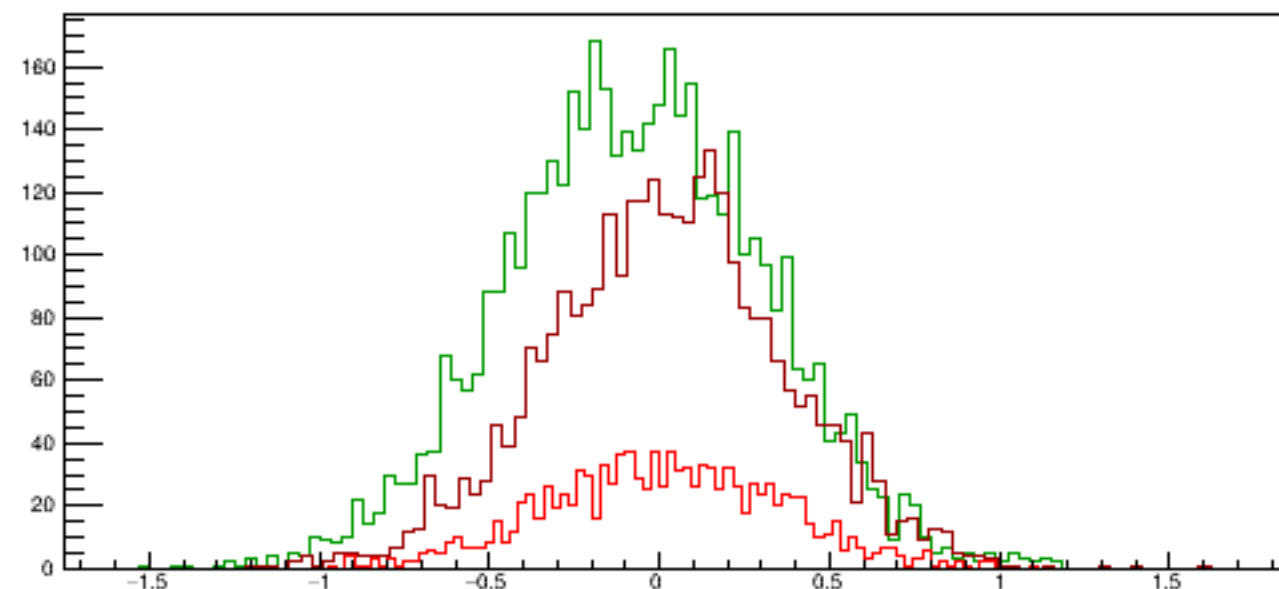
bcm:mpsCoda {mpsCoda>=1170257 && mpsCoda<=1243360}



Cycle 24, Diffs

Entries: 1175	Entries: 4644	Entries: 3073
Mean: 0.0143 +/- 0.0100	Mean: -0.0680 +/- 0.0056	Mean: 0.0201 +/- 0.0064
Std Dev: 0.3430 +/- 0.0071	Std Dev: 0.3783 +/- 0.0039	Std Dev: 0.3522 +/- 0.0045

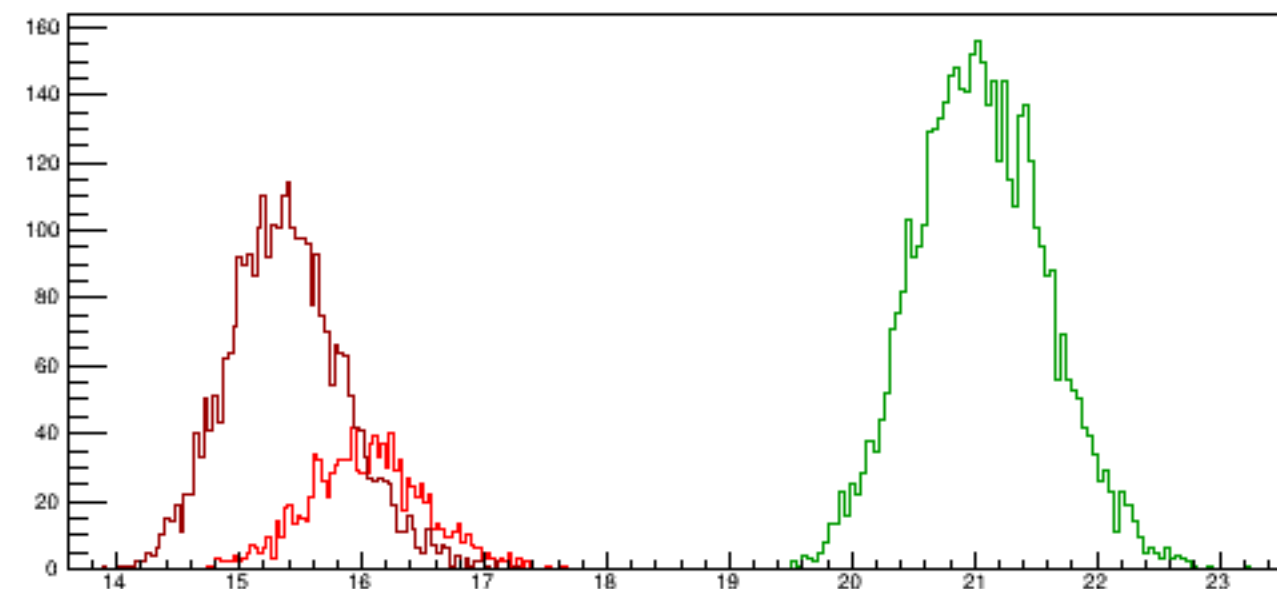
Run 4469 quartetwise, Diffs



Cycle 24, Sums

Entries: 1175	Entries: 4644	Entries: 3073
Mean: 16.0426 +/- 0.0139	Mean: 21.0545 +/- 0.0079	Mean: 15.3864 +/- 0.0086
Std Dev: 0.4749 +/- 0.0098	Std Dev: 0.5363 +/- 0.0056	Std Dev: 0.4763 +/- 0.0061

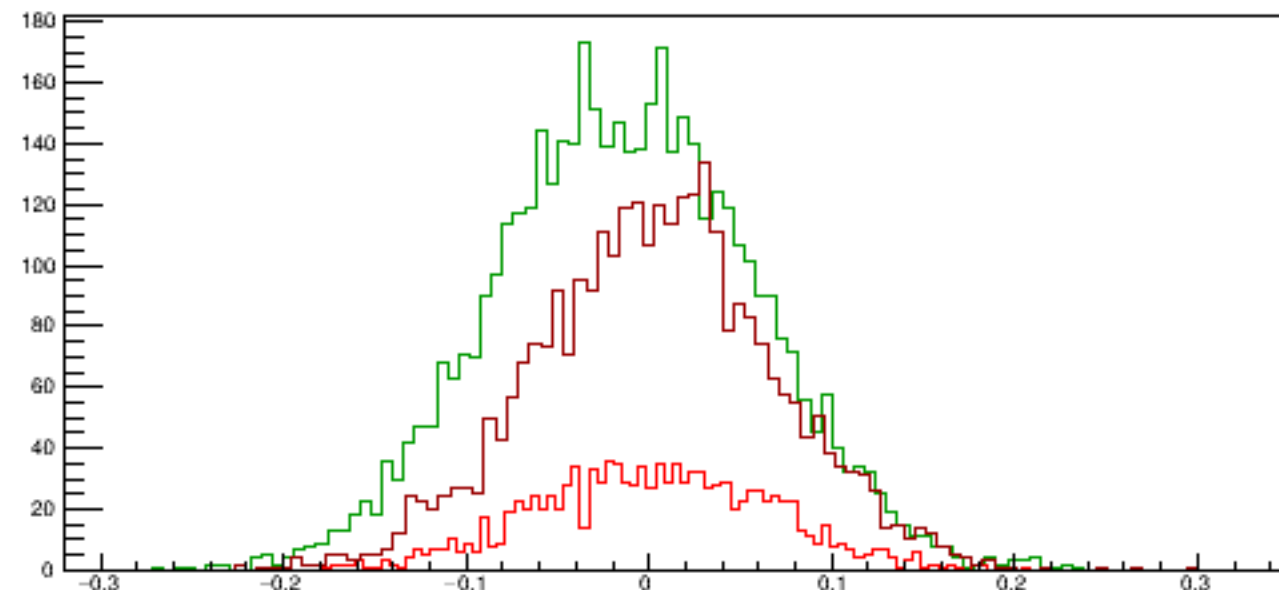
Run 4469 quartetwise, Sums



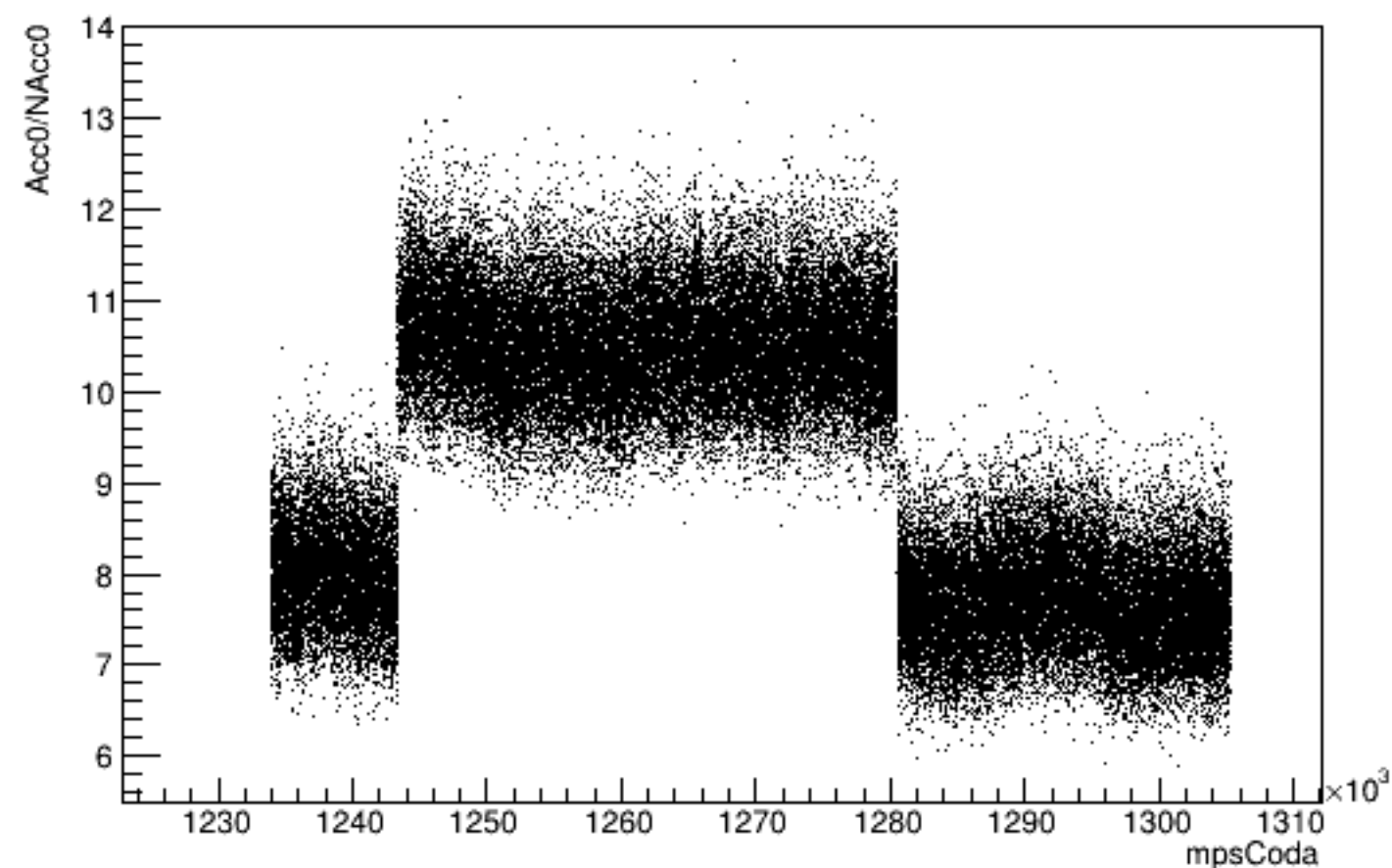
Cycle 24, Asyms

Entries: 1175	Entries: 4644	Entries: 3073
Mean: 0.0027 +/- 0.0019	Mean: -0.0127 +/- 0.0010	Mean: 0.0038 +/- 0.0012
Std Dev: 0.0642 +/- 0.0013	Std Dev: 0.0712 +/- 0.0007	Std Dev: 0.0659 +/- 0.0008

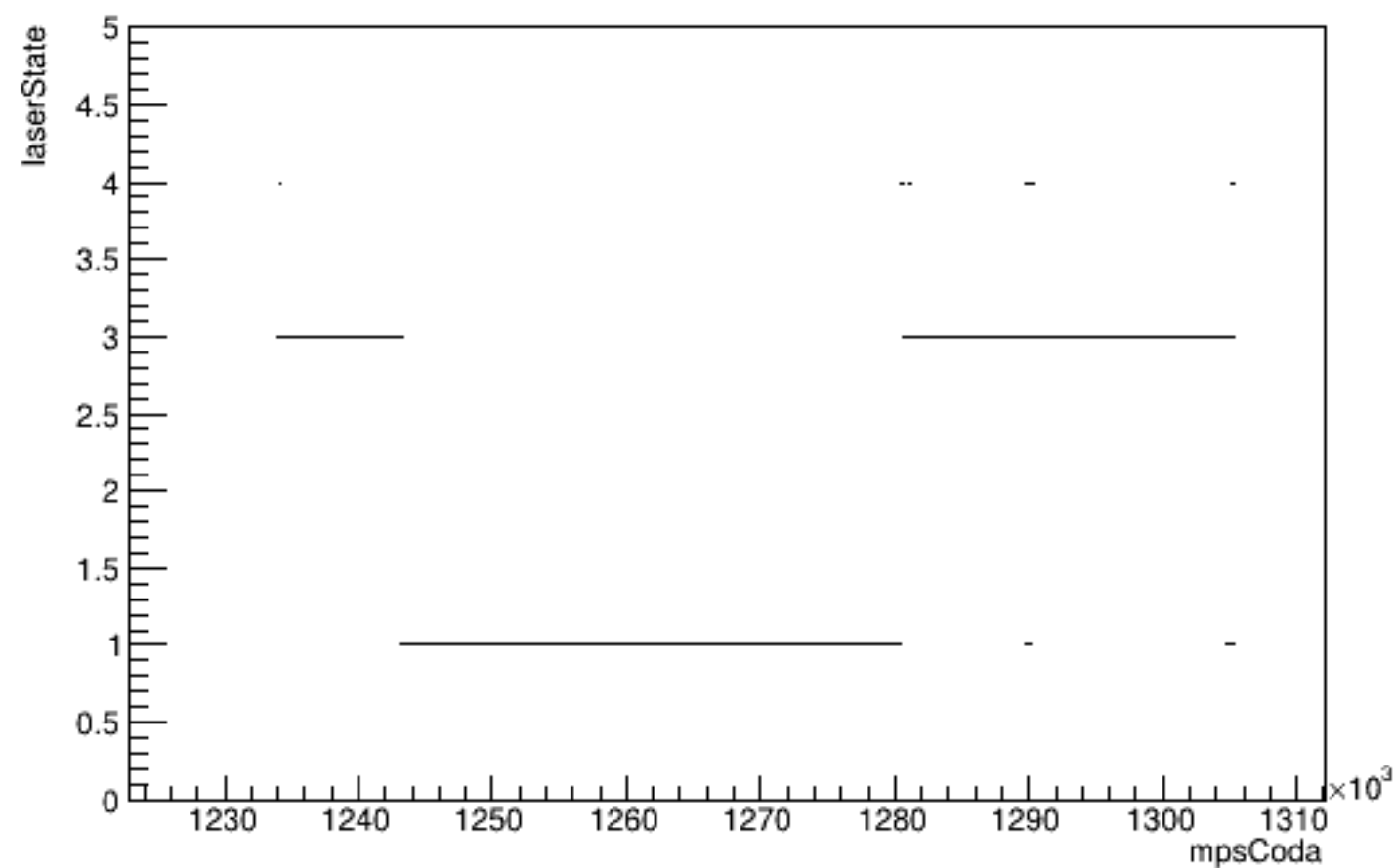
Run 4469 quartetwise, Asyms



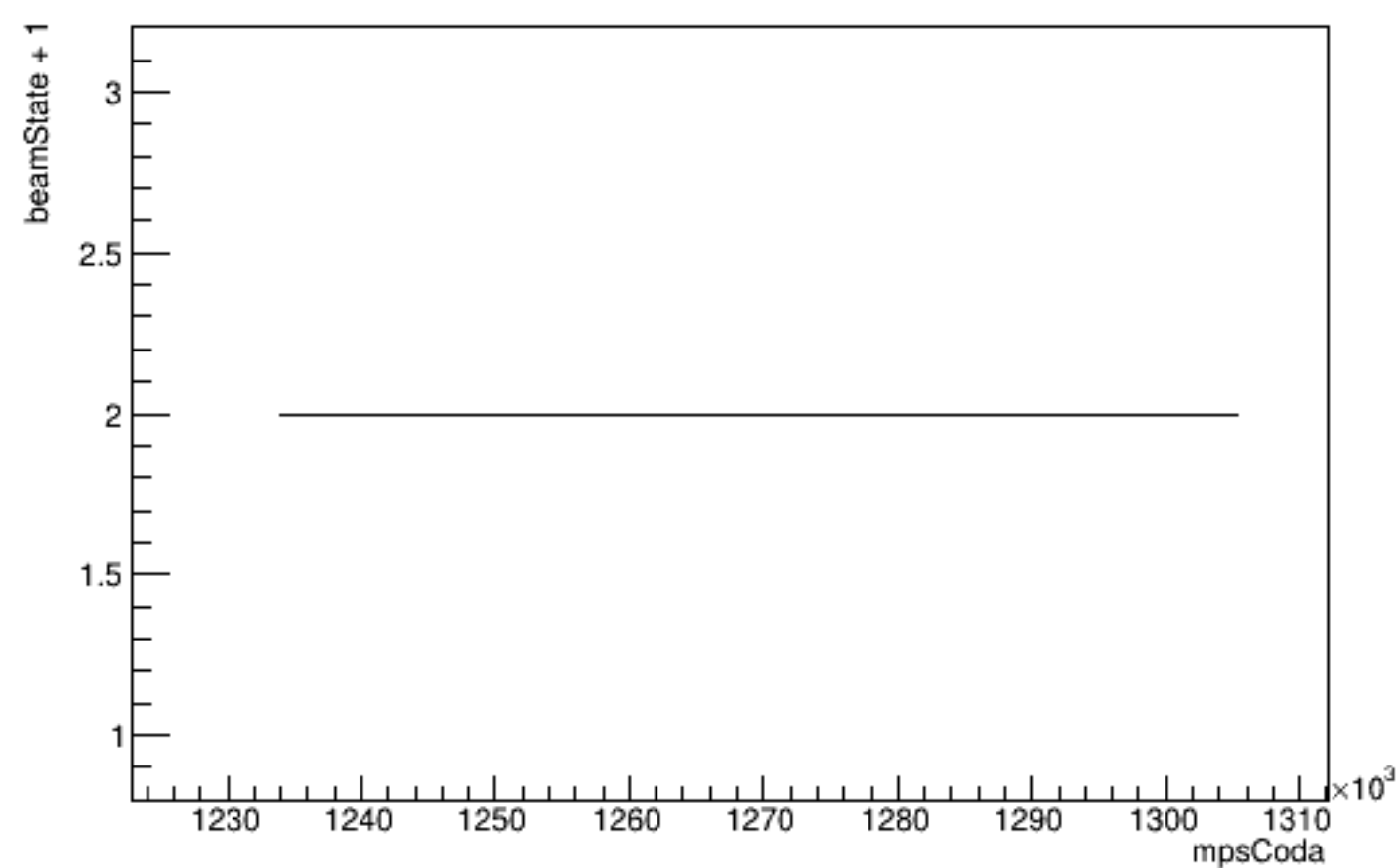
Acc0/NAcc0:mpsCoda (mpsCoda>=1233921 && mpsCoda<=1305296 && beamState==1)



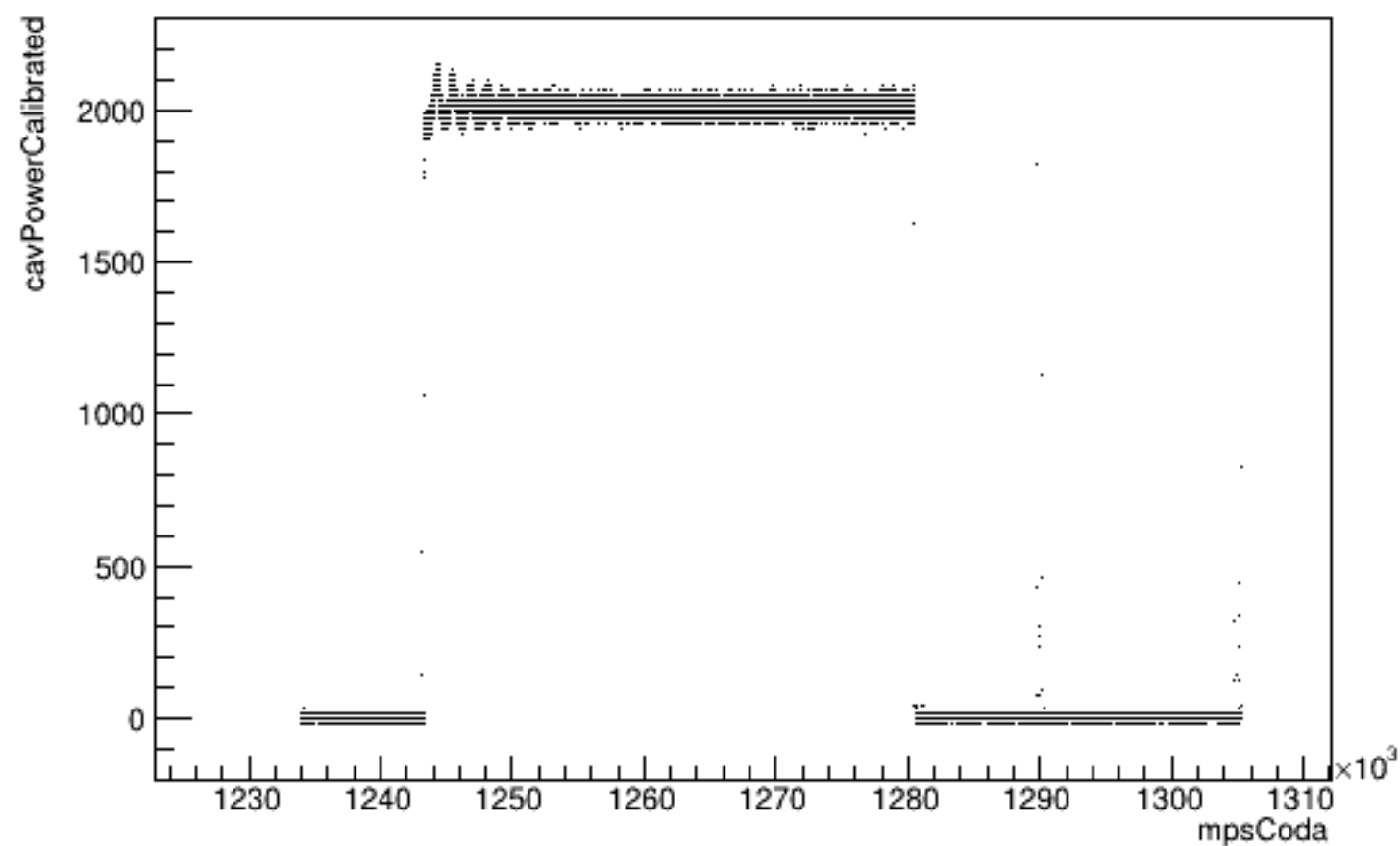
laserState:mpsCoda {mpsCoda>=1233921 && mpsCoda<=1305296}



beamState + 1:mpsCoda {mpsCoda>=1233921 && mpsCoda<=1305296}



cavPowerCalibrated:mpsCoda {mpsCoda>=1233921 && mpsCoda<=1305296}



bcm:mpsCoda {mpsCoda>=1233921 && mpsCoda<=1305296}

