

Cycle 1, Diffs

Entries: 1927

Mean: 0.0008 +/- 0.0054

Std Dev: 0.2350 +/- 0.0038

Entries: 2987

Mean: -0.1483 +/- 0.0056

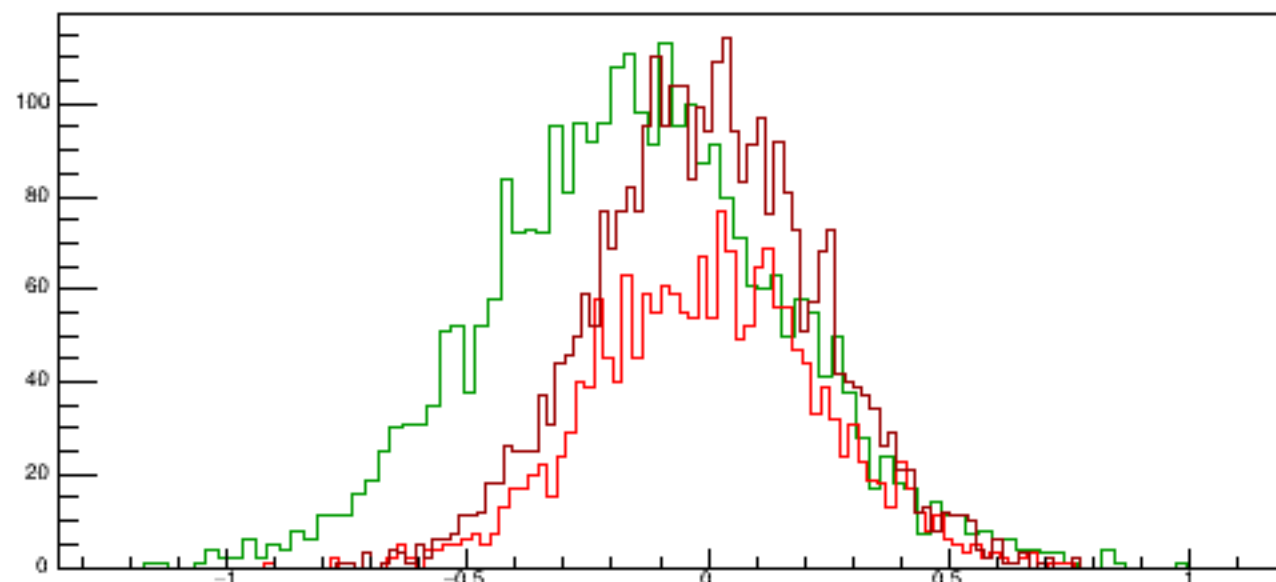
Std Dev: 0.3061 +/- 0.0040

Entries: 3244

Mean: -0.0039 +/- 0.0041

Std Dev: 0.2313 +/- 0.0029

Run 4530 quartetwise, Diffs



Cycle 1, Sums

Entries: 1927

Mean: 12.1066 +/- 0.0062

Std Dev: 0.2734 +/- 0.0044

Entries: 2987

Mean: 22.1377 +/- 0.0081

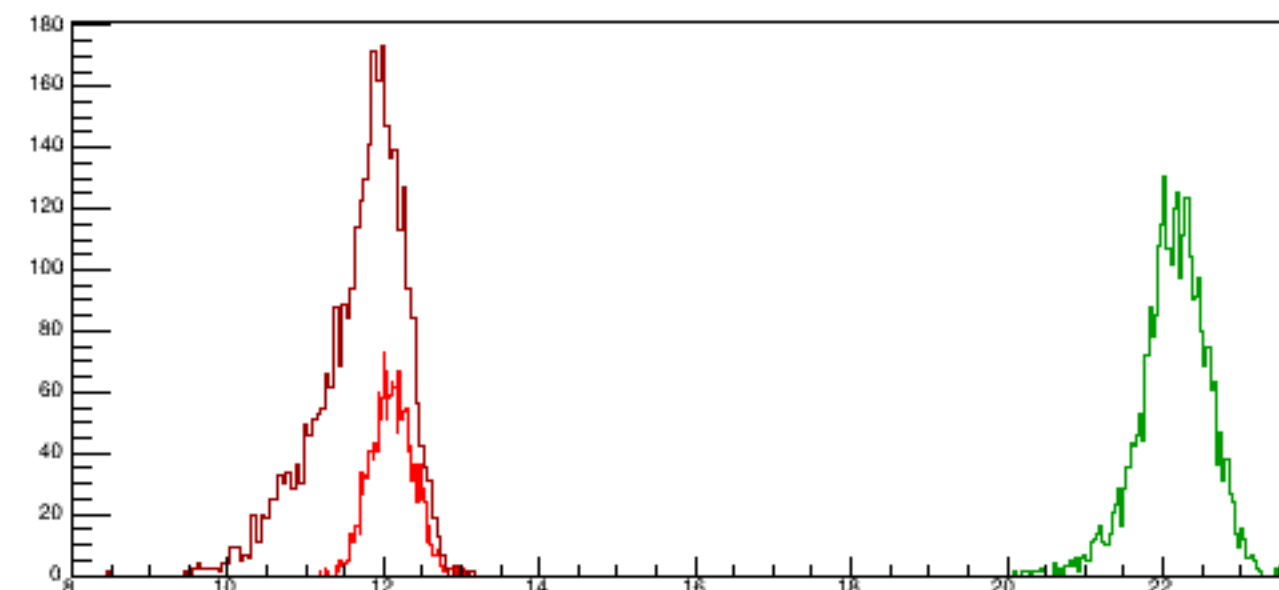
Std Dev: 0.4403 +/- 0.0057

Entries: 3244

Mean: 11.7067 +/- 0.0099

Std Dev: 0.5662 +/- 0.0070

Run 4530 quartetwise, Sums



Cycle 1, Asyms

Entries: 1927

Mean: 0.0001 +/- 0.0005

Std Dev: 0.0230 +/- 0.0004

Entries: 2987

Mean: -0.0145 +/- 0.0005

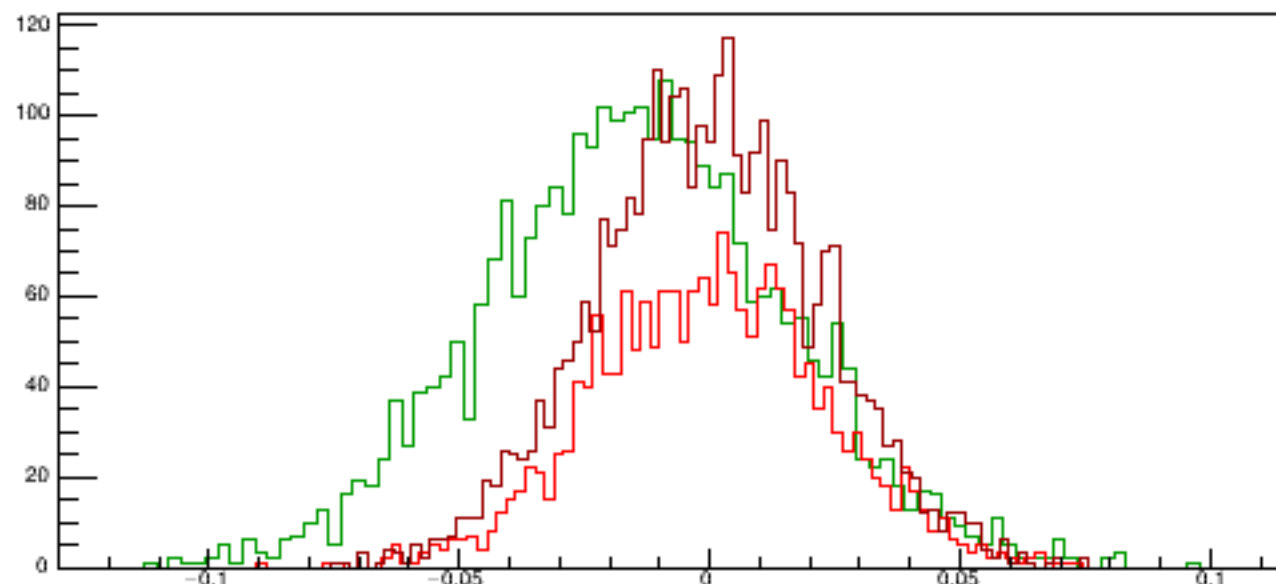
Std Dev: 0.0299 +/- 0.0004

Entries: 3244

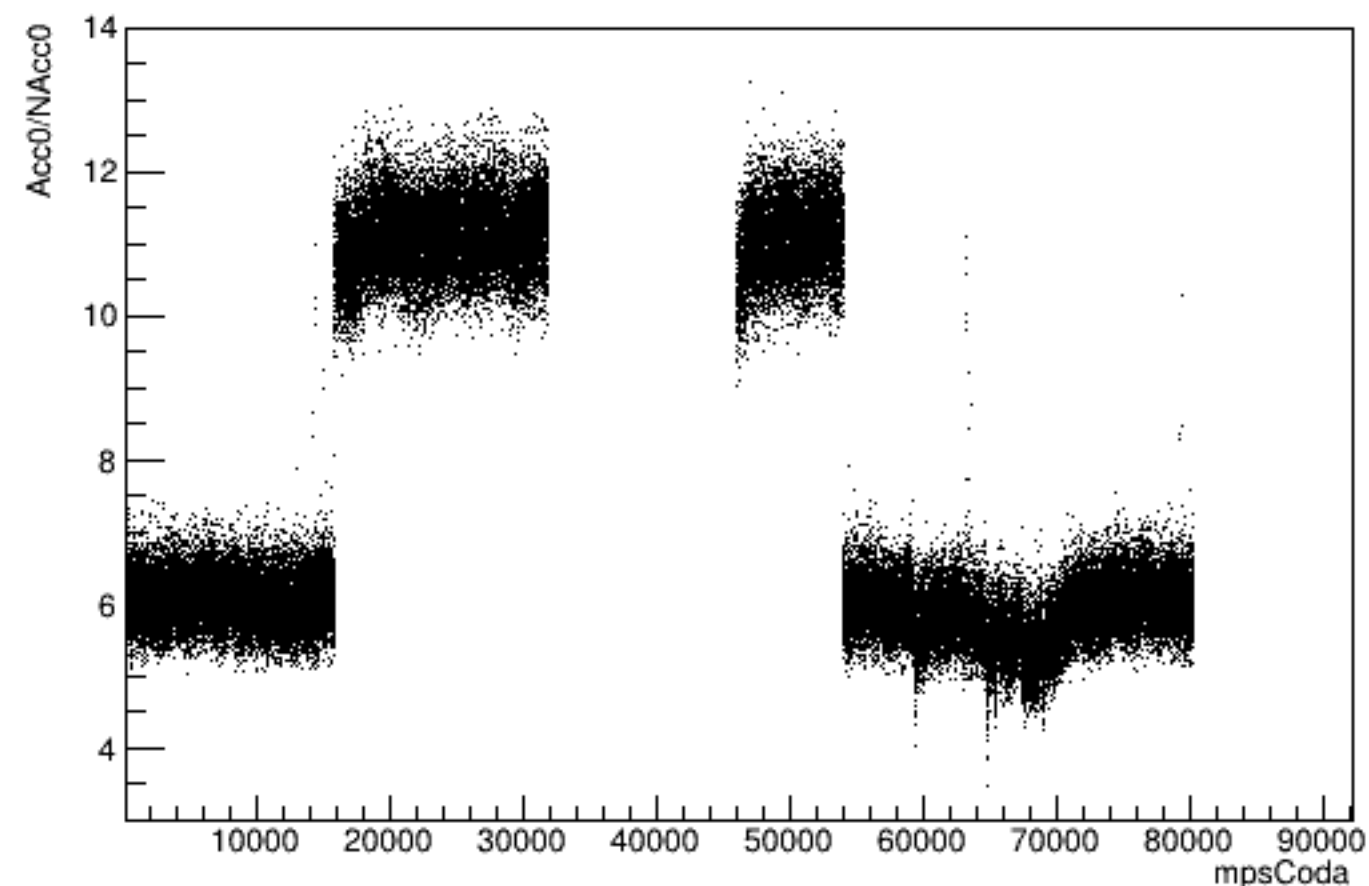
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0226 +/- 0.0003

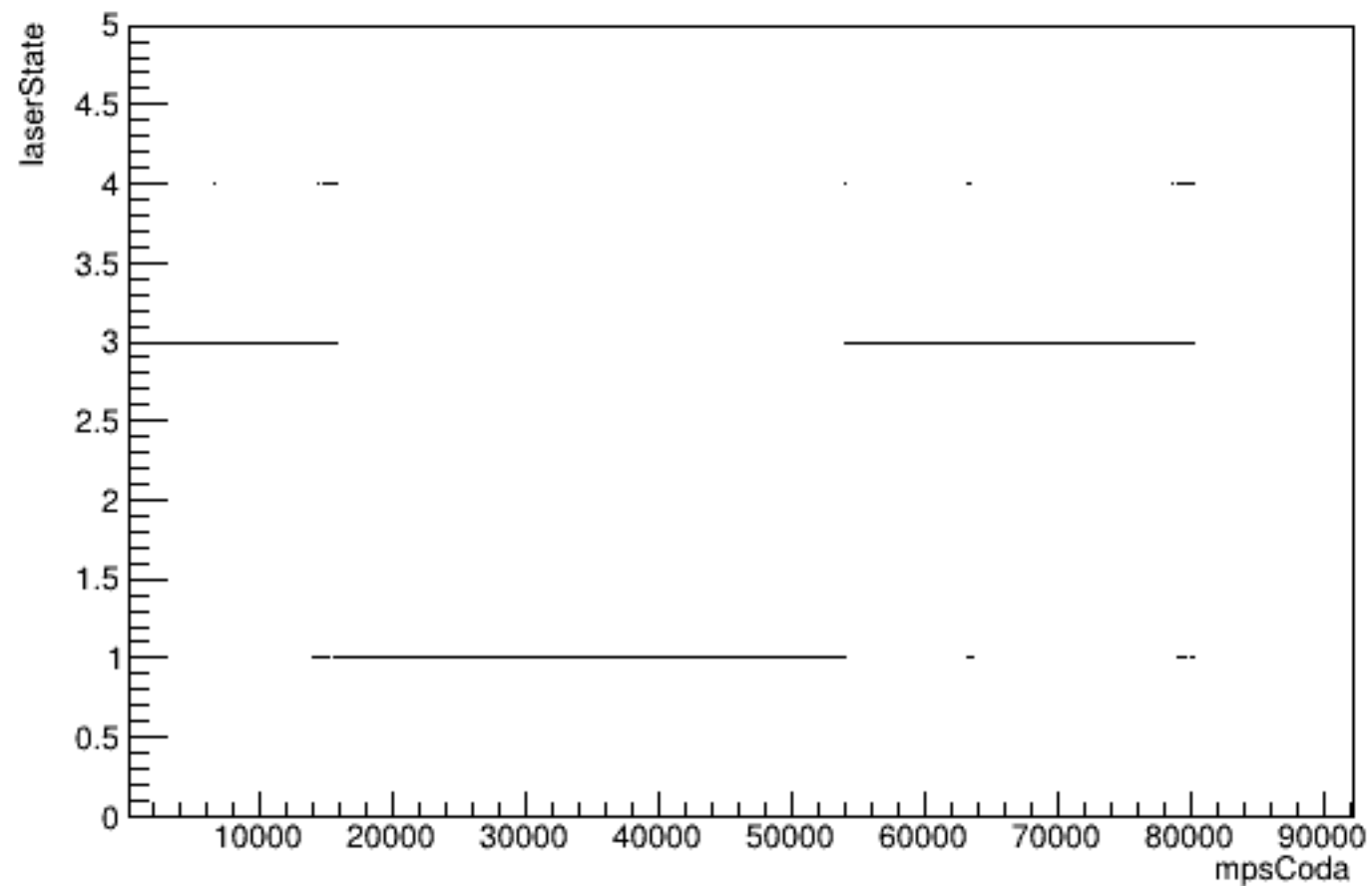
Run 4530 quartetwise, Asyms



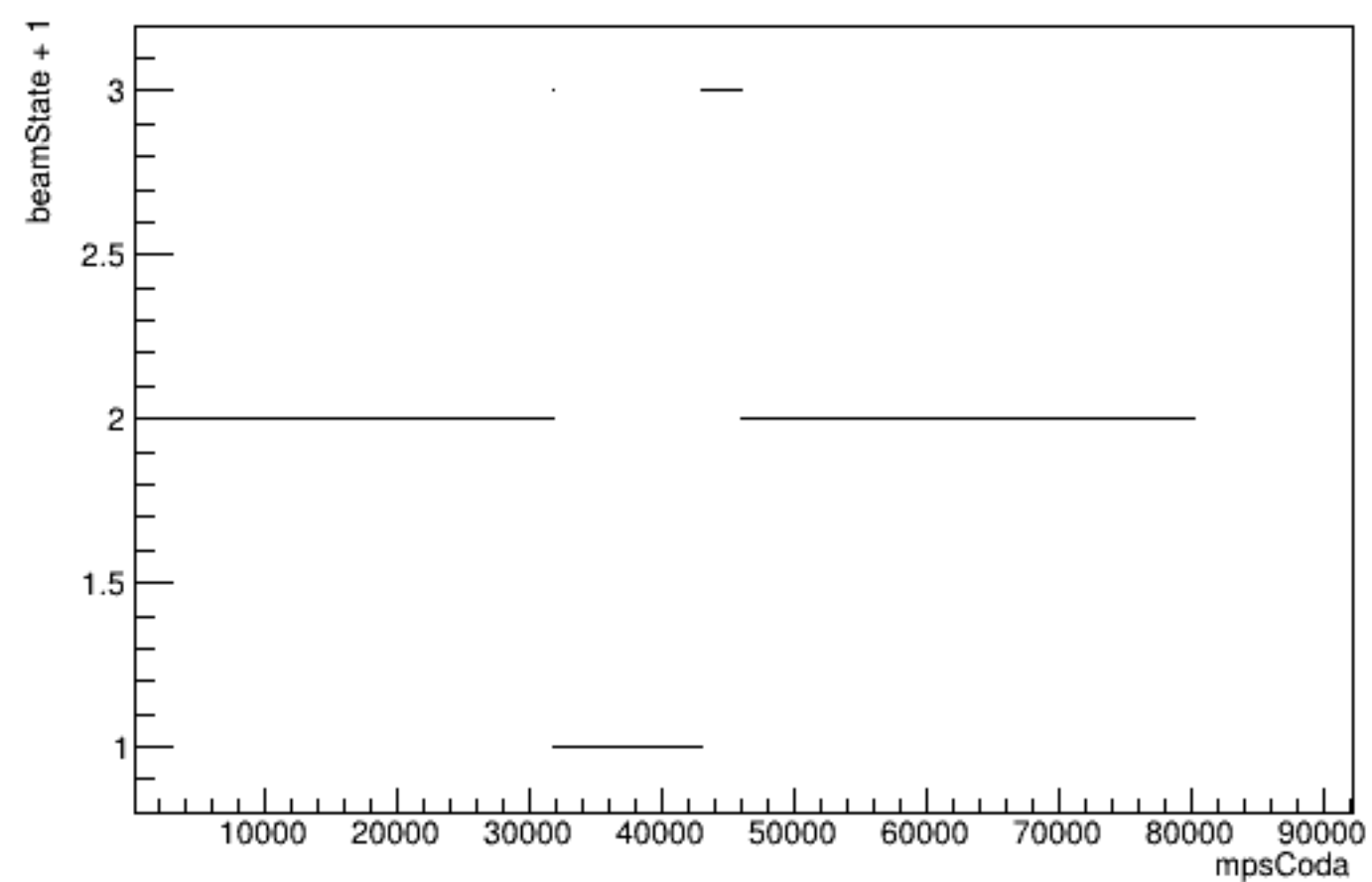
Acc0/NAcc0:mpsCoda {mpsCoda>=255 && mpsCoda<=80326 && beamState==1}



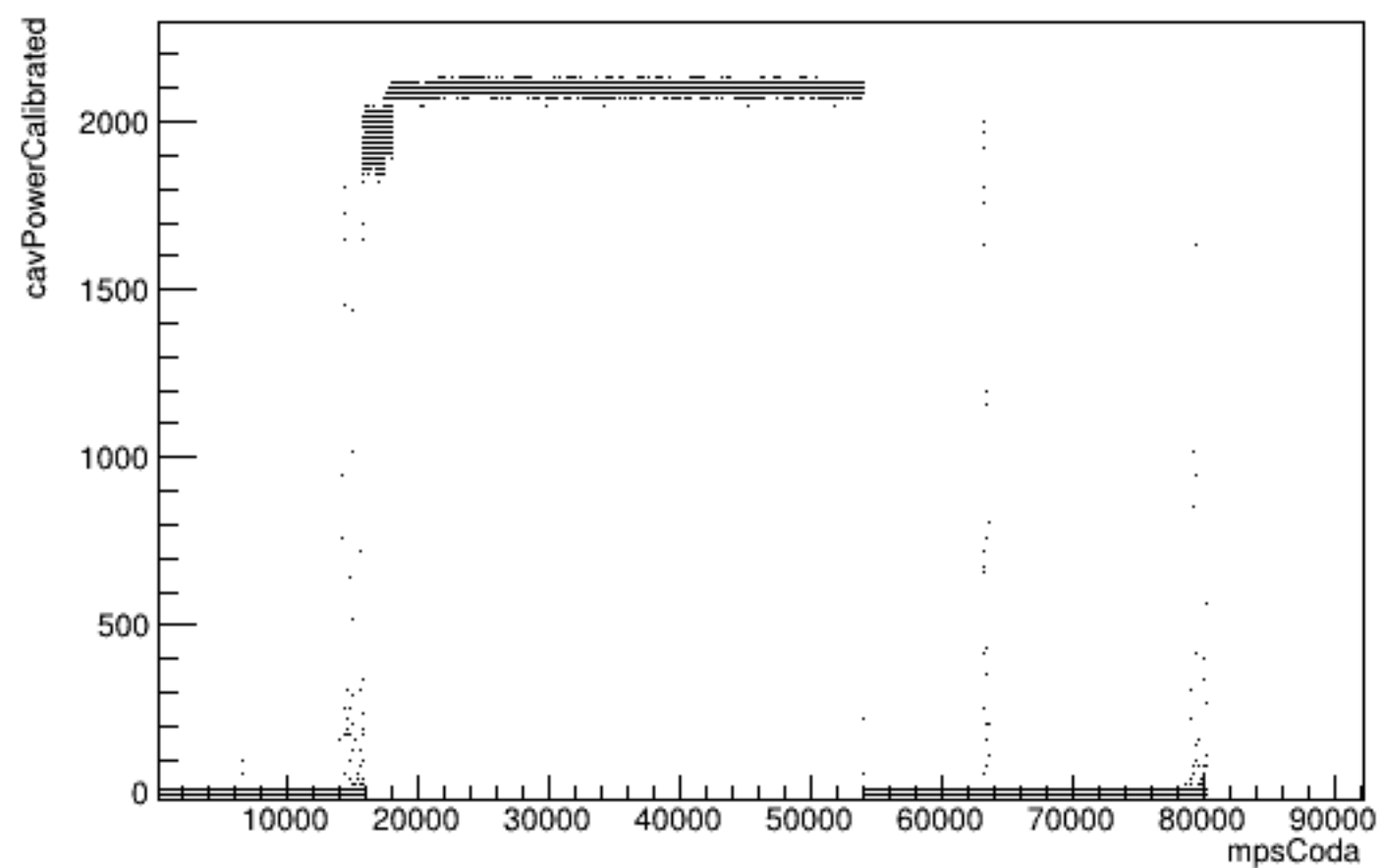
laserState:mpsCoda {mpsCoda>=255 && mpsCoda<=80326}



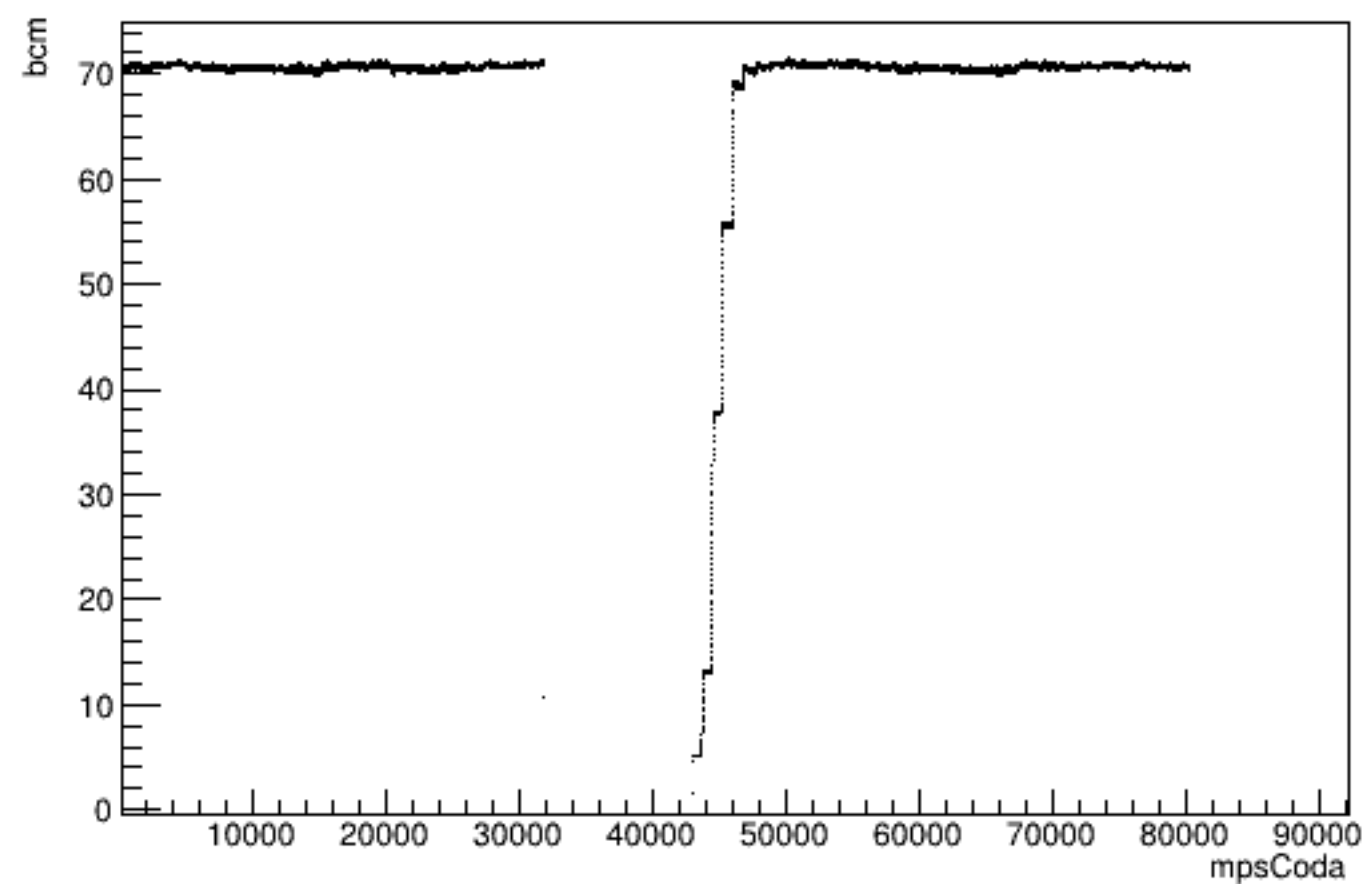
beamState + 1:mpsCoda {mpsCoda>=255 && mpsCoda<=80326}



cavPowerCalibrated:mpsCoda {mpsCoda>=255 && mpsCoda<=80326}



bcm:mpsCoda {mpsCoda>=255 && mpsCoda<=80326}



Cycle 2, Diffs

Entries: 3244

Mean: -0.0039 +/- 0.0041

Std Dev: 0.2313 +/- 0.0029

Entries: 4675

Mean: -0.1480 +/- 0.0047

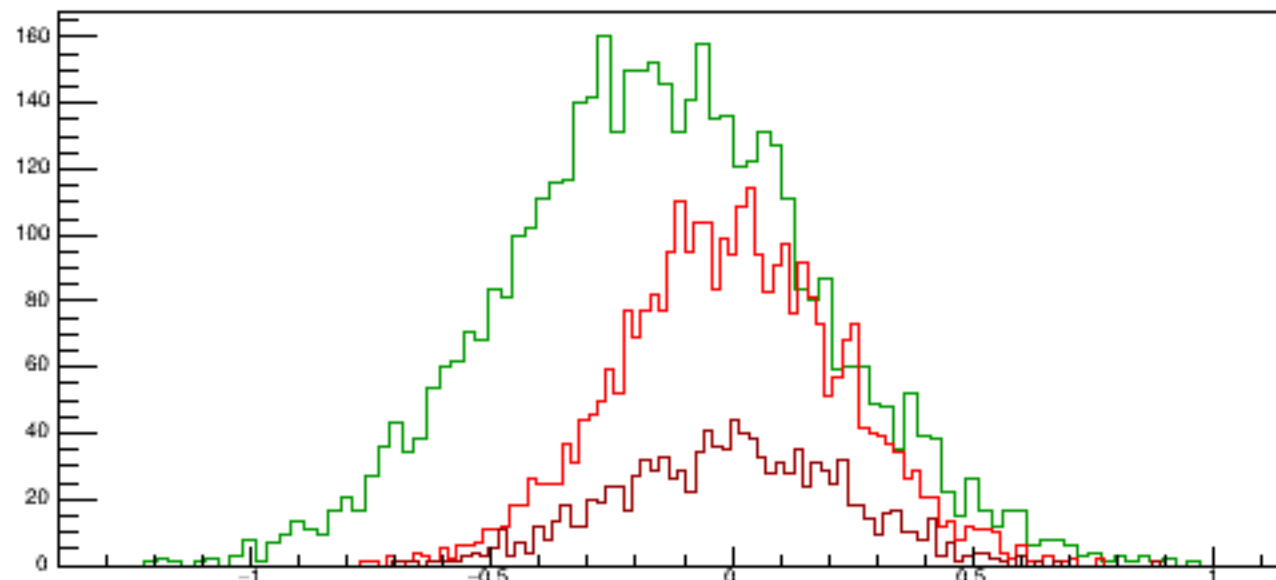
Std Dev: 0.3225 +/- 0.0033

Entries: 1153

Mean: -0.0053 +/- 0.0069

Std Dev: 0.2344 +/- 0.0049

Run 4530 quartetwise, Diffs



Cycle 2, Sums

Entries: 3244

Mean: 11.7067 +/- 0.0099

Std Dev: 0.5662 +/- 0.0070

Entries: 4675

Mean: 22.3056 +/- 0.0091

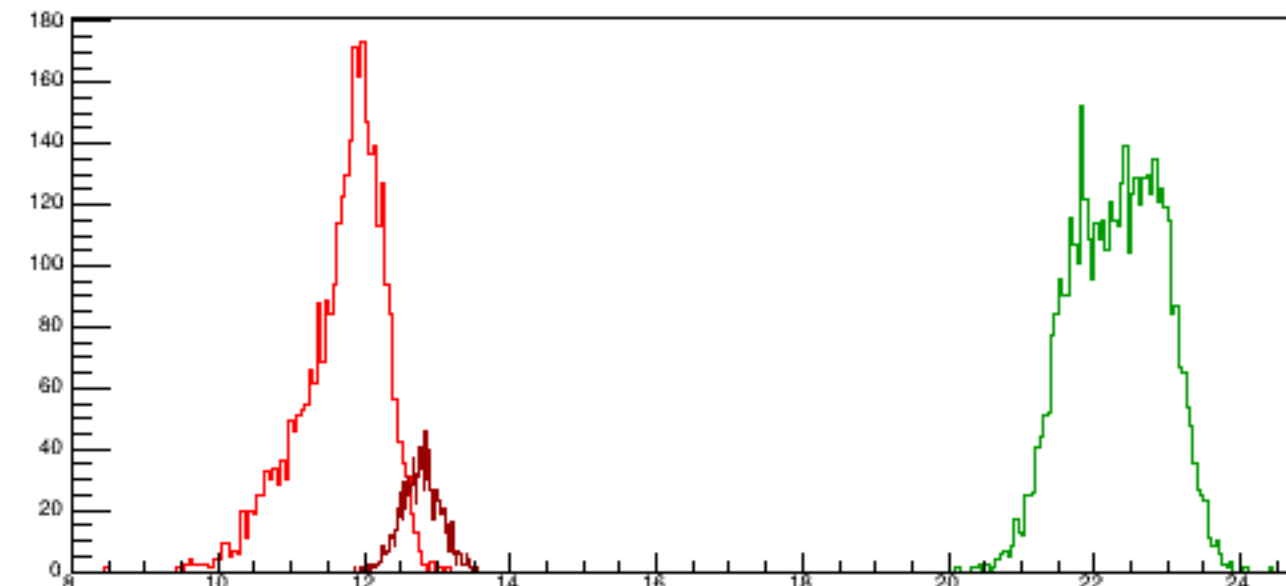
Std Dev: 0.6252 +/- 0.0065

Entries: 1153

Mean: 12.7788 +/- 0.0078

Std Dev: 0.2664 +/- 0.0055

Run 4530 quartetwise, Sums



Cycle 2, Asyms

Entries: 3244

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0230 +/- 0.0003

Entries: 4675

Mean: -0.0147 +/- 0.0005

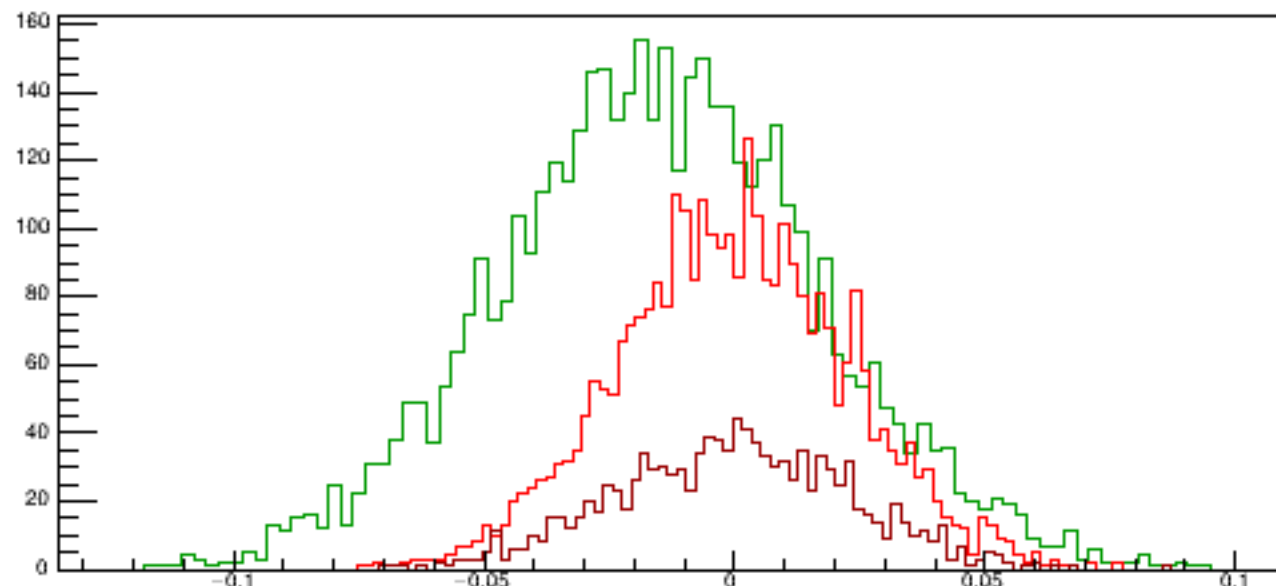
Std Dev: 0.0322 +/- 0.0003

Entries: 1153

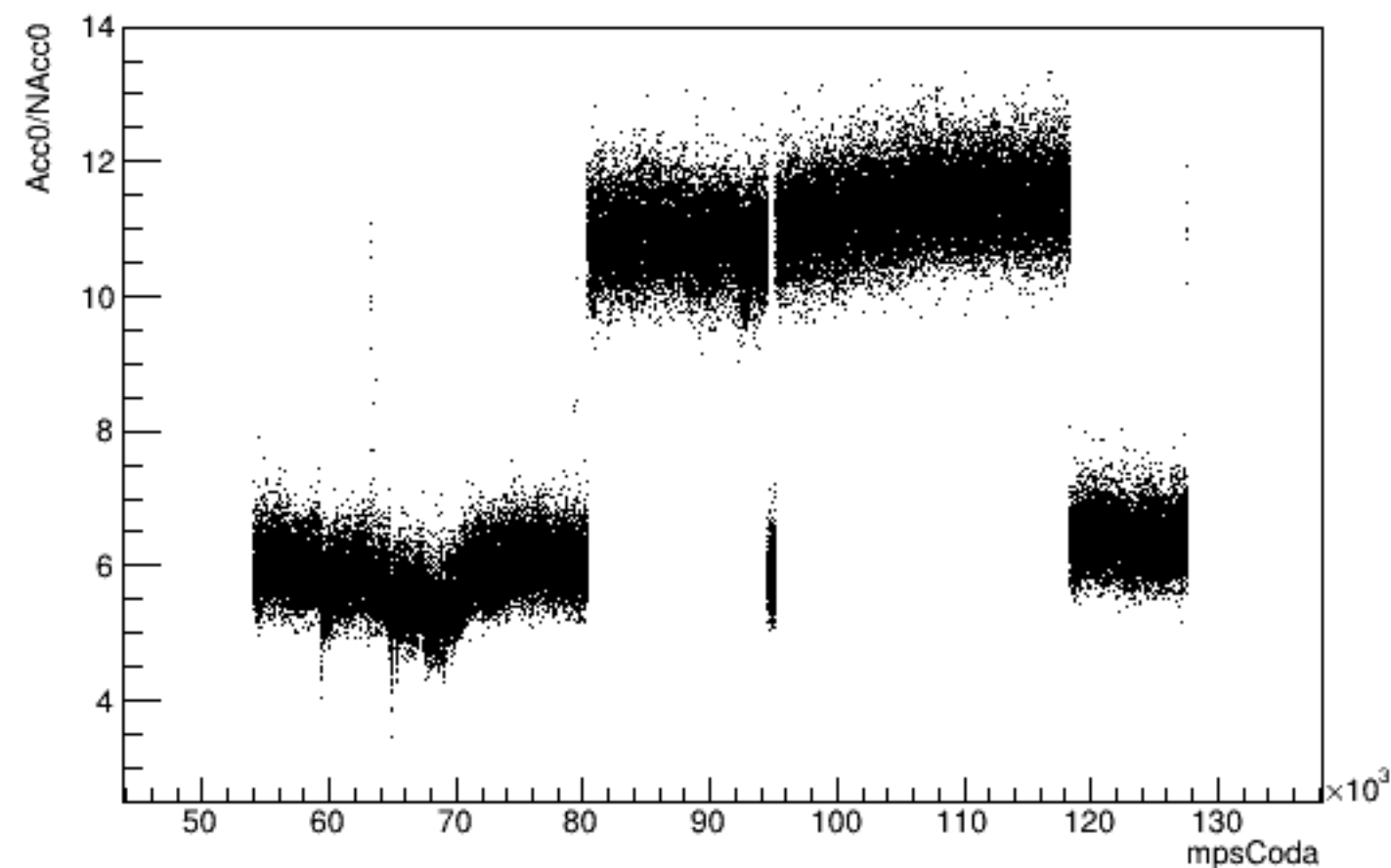
Mean: -0.0005 +/- 0.0007

Std Dev: 0.0233 +/- 0.0005

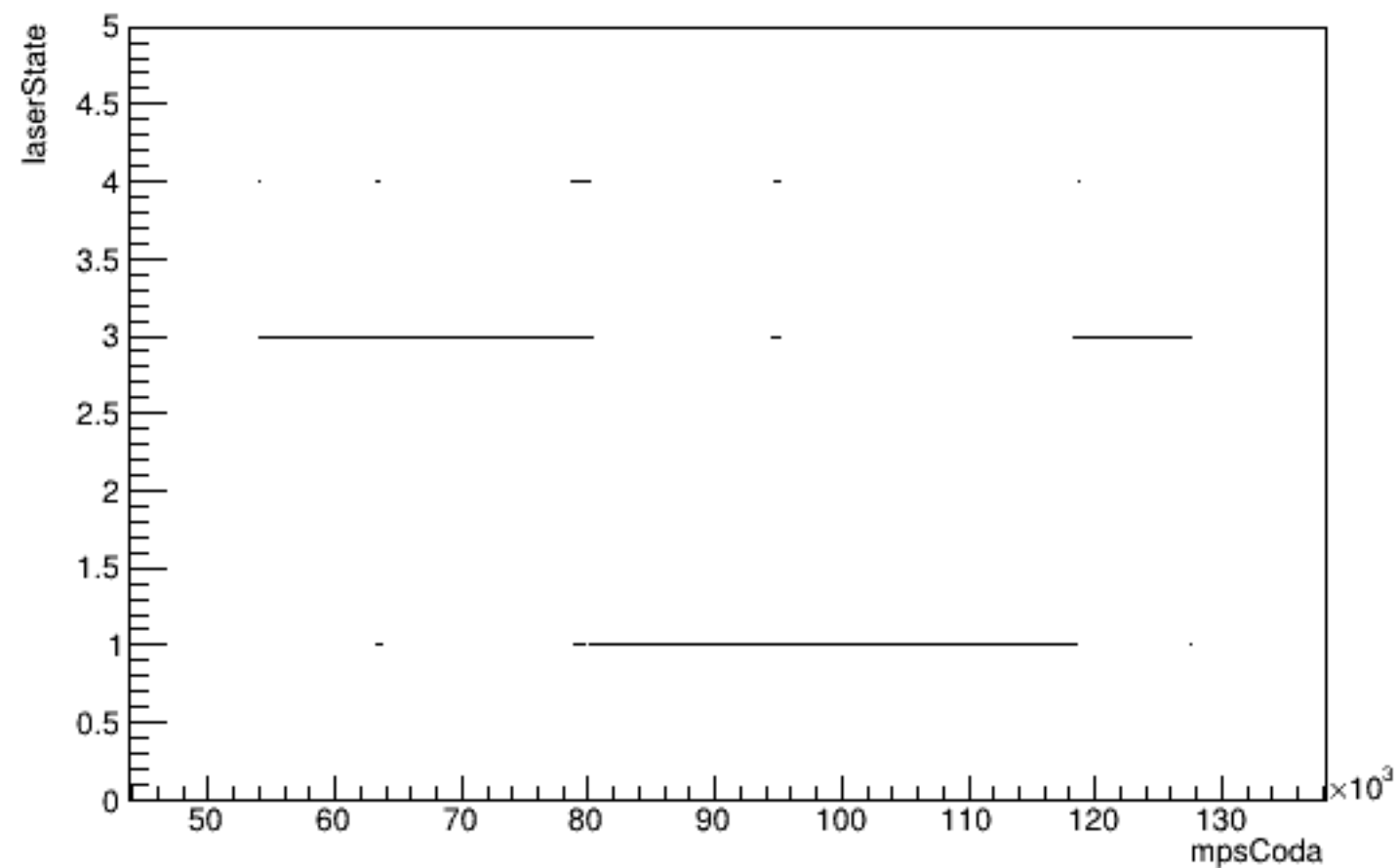
Run 4530 quartetwise, Asyms



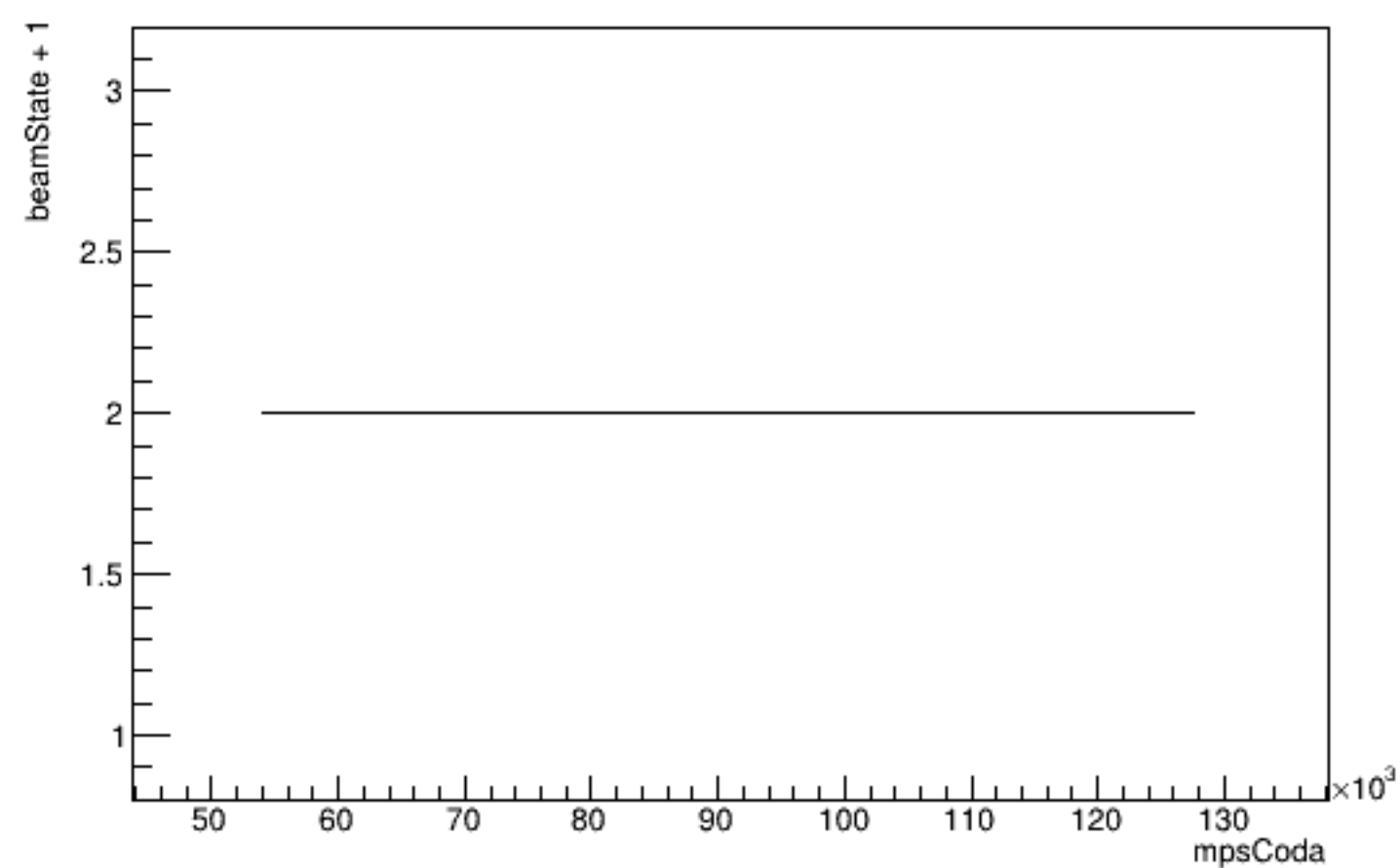
Acc0/NAcc0:mpsCoda {mpsCoda>=54031 && mpsCoda<=127614 && beamState==1}



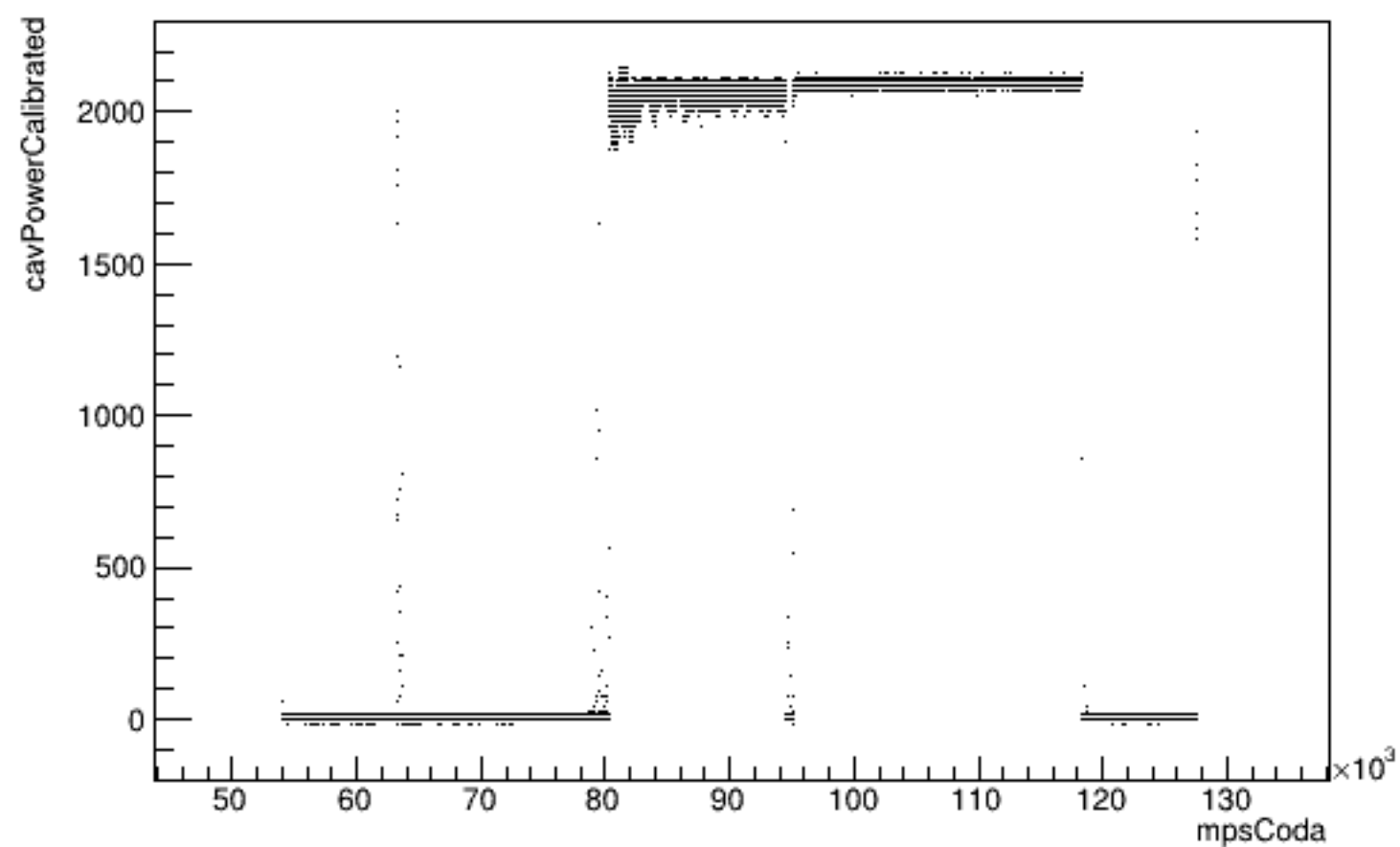
laserState:mpsCoda {mpsCoda>=54031 && mpsCoda<=127614}



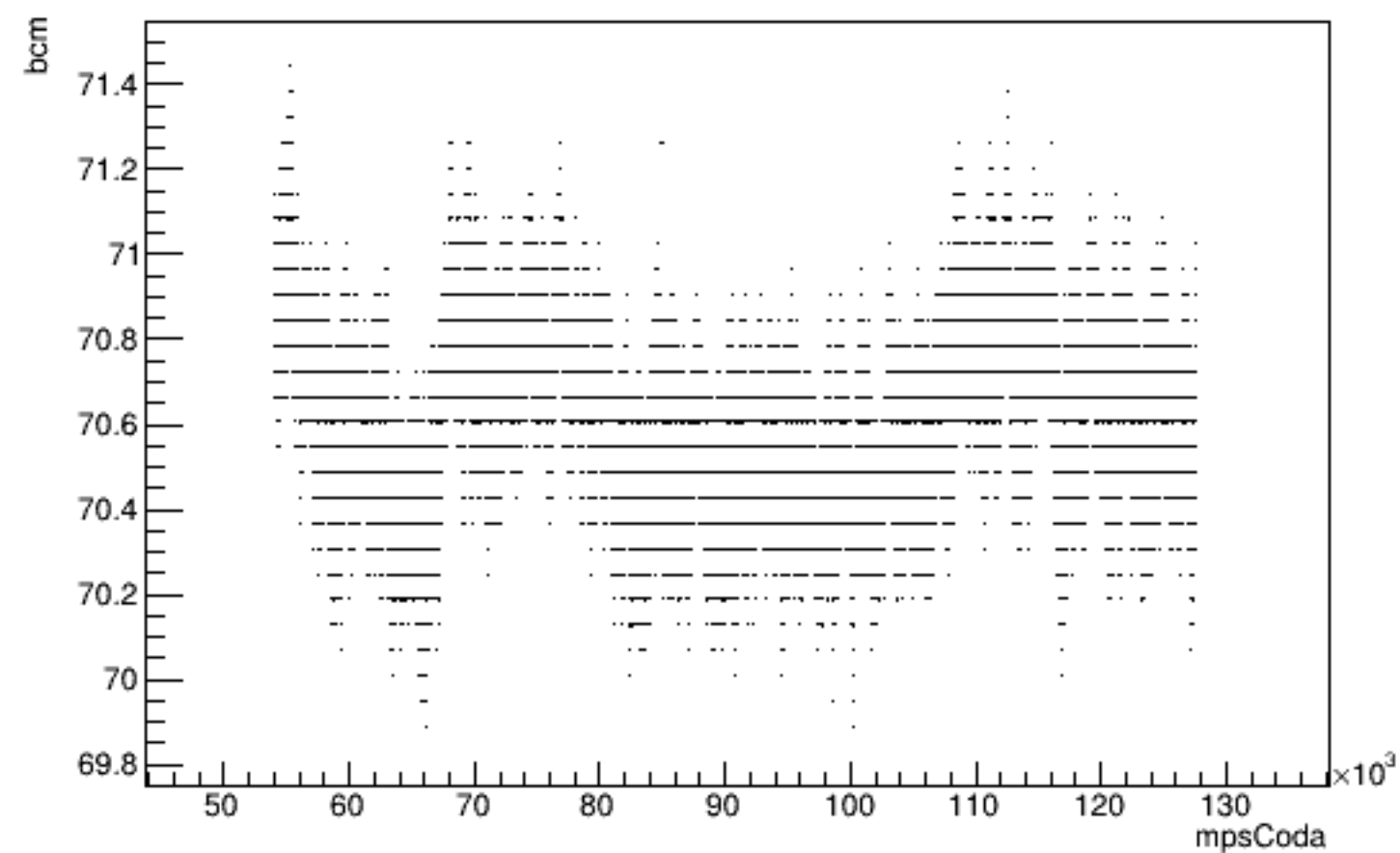
beamState + 1:mpsCoda {mpsCoda>=54031 && mpsCoda<=127614}



cavPowerCalibrated:mpsCoda {mpsCoda>=54031 && mpsCoda<=127614}



bcm:mpsCoda {mpsCoda>=54031 && mpsCoda<=127614}



Cycle 3, Diffs

Entries: 1153

Mean: -0.0053 +/- 0.0069

Std Dev: 0.2344 +/- 0.0049

Entries: 4289

Mean: -0.1465 +/- 0.0049

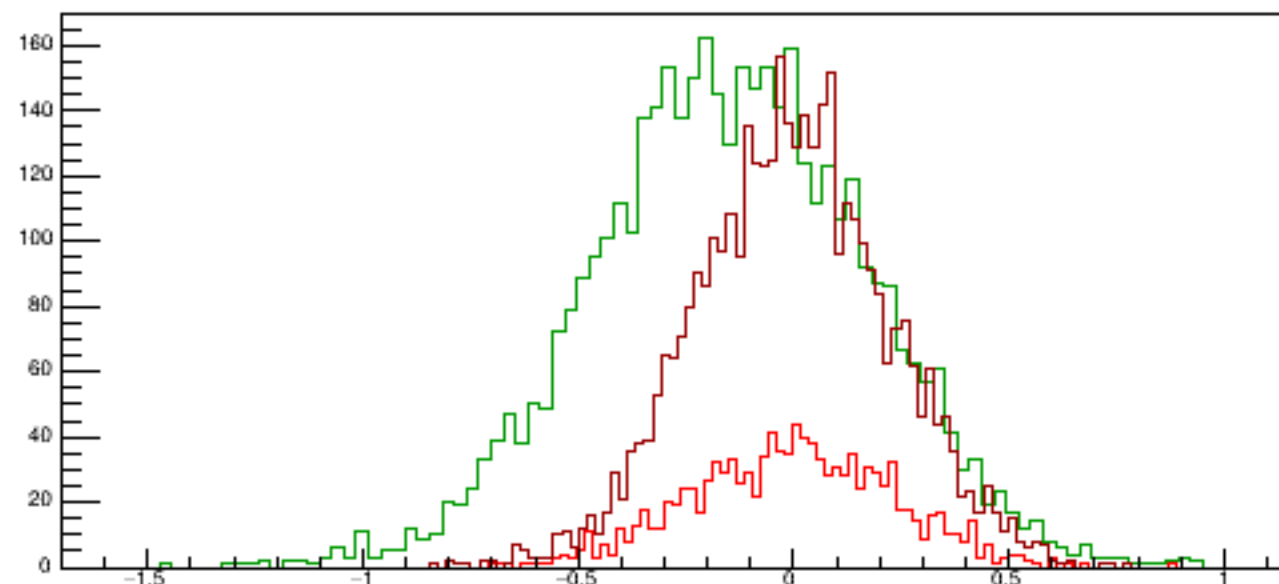
Std Dev: 0.3195 +/- 0.0034

Entries: 3940

Mean: -0.0025 +/- 0.0036

Std Dev: 0.2250 +/- 0.0025

Run 4530 quartetwise, Diffs



Cycle 3, Sums

Entries: 1153

Mean: 12.7788 +/- 0.0078

Std Dev: 0.2664 +/- 0.0055

Entries: 4289

Mean: 22.7728 +/- 0.0056

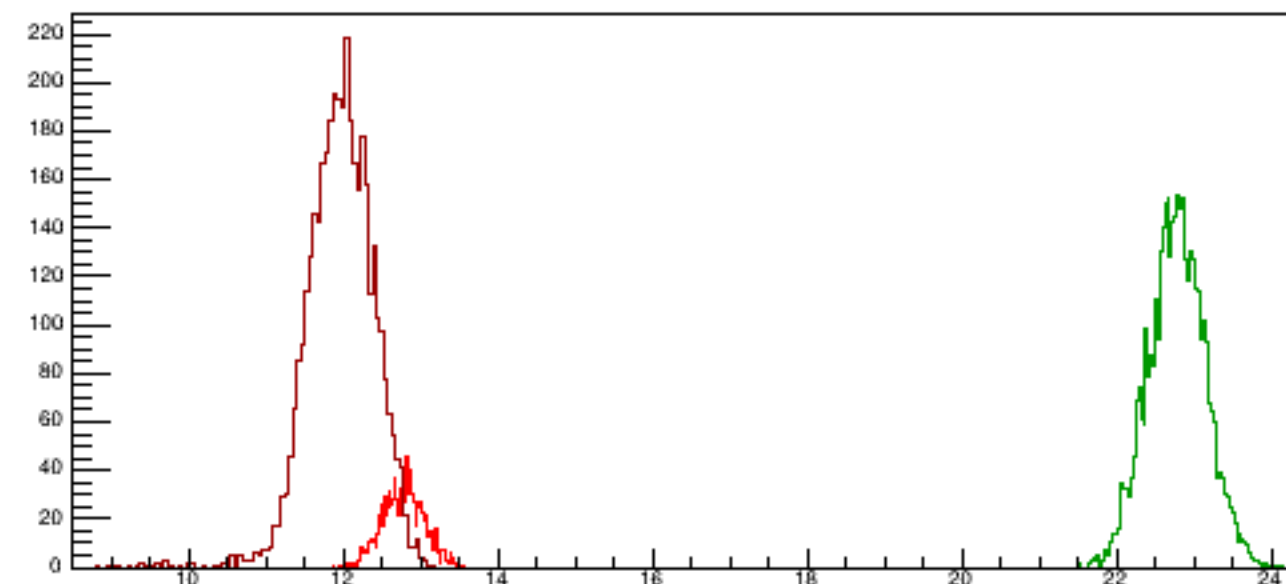
Std Dev: 0.3682 +/- 0.0040

Entries: 3940

Mean: 11.9712 +/- 0.0070

Std Dev: 0.4390 +/- 0.0049

Run 4530 quartetwise, Sums



Cycle 3, Asyms

Entries: 1153

Mean: -0.0005 +/- 0.0007

Std Dev: 0.0225 +/- 0.0005

Entries: 4289

Mean: -0.0141 +/- 0.0005

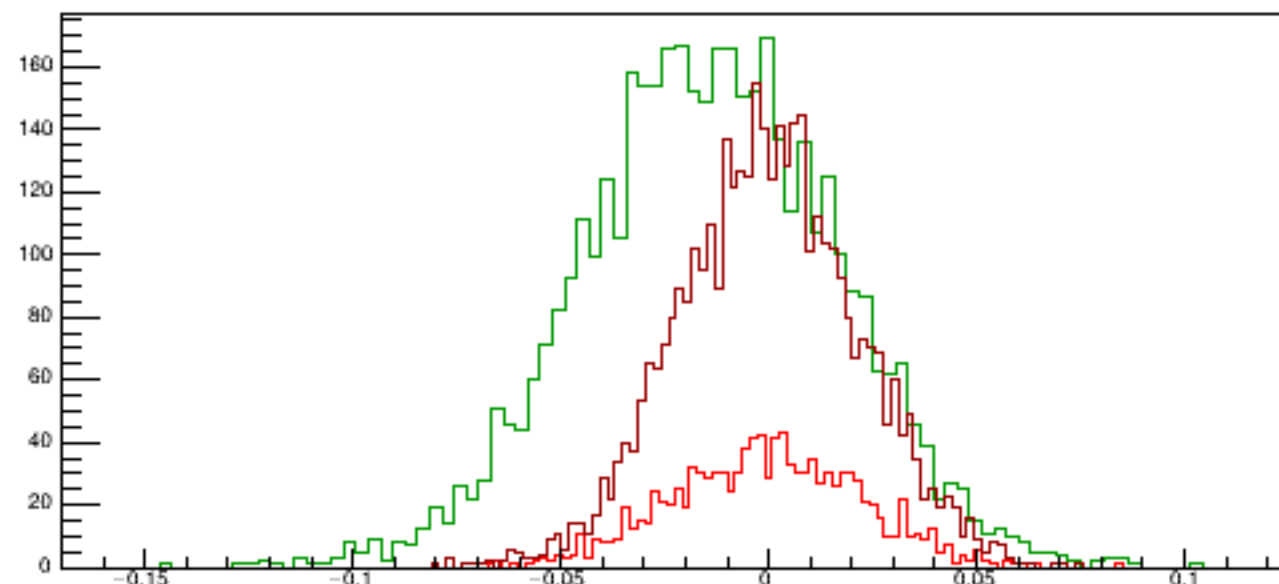
Std Dev: 0.0307 +/- 0.0003

Entries: 3940

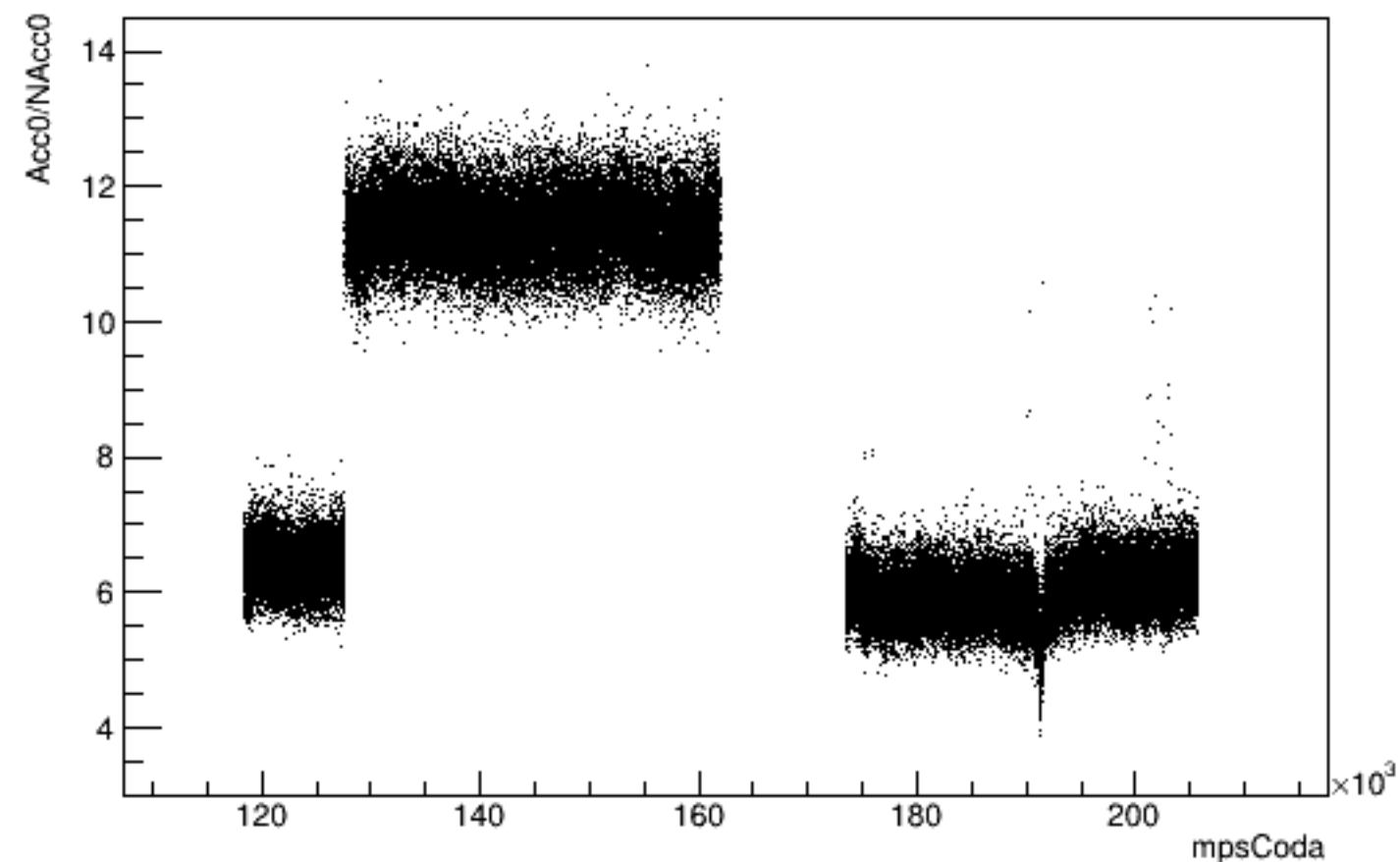
Mean: -0.0002 +/- 0.0003

Std Dev: 0.0216 +/- 0.0002

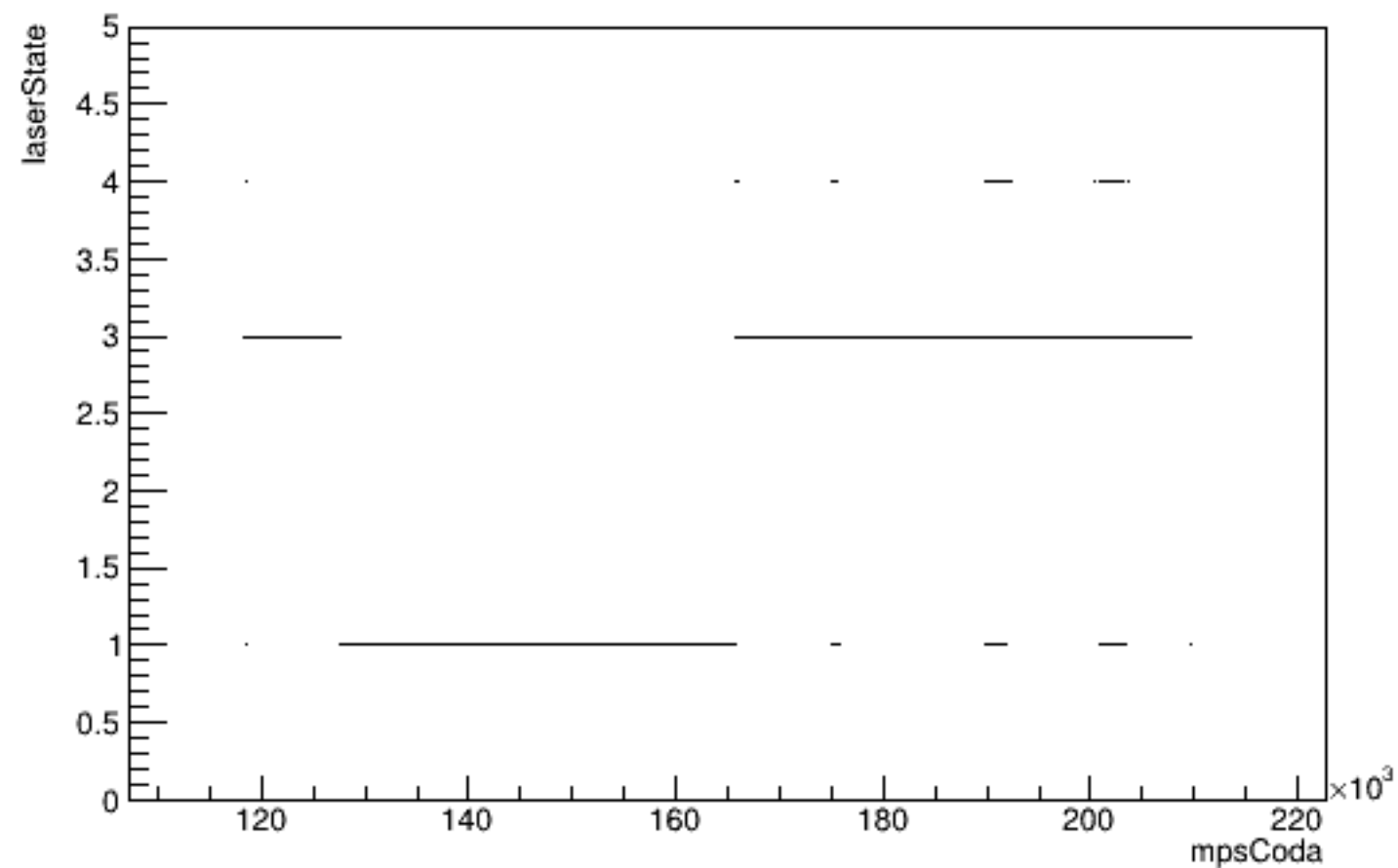
Run 4530 quartetwise, Asyms



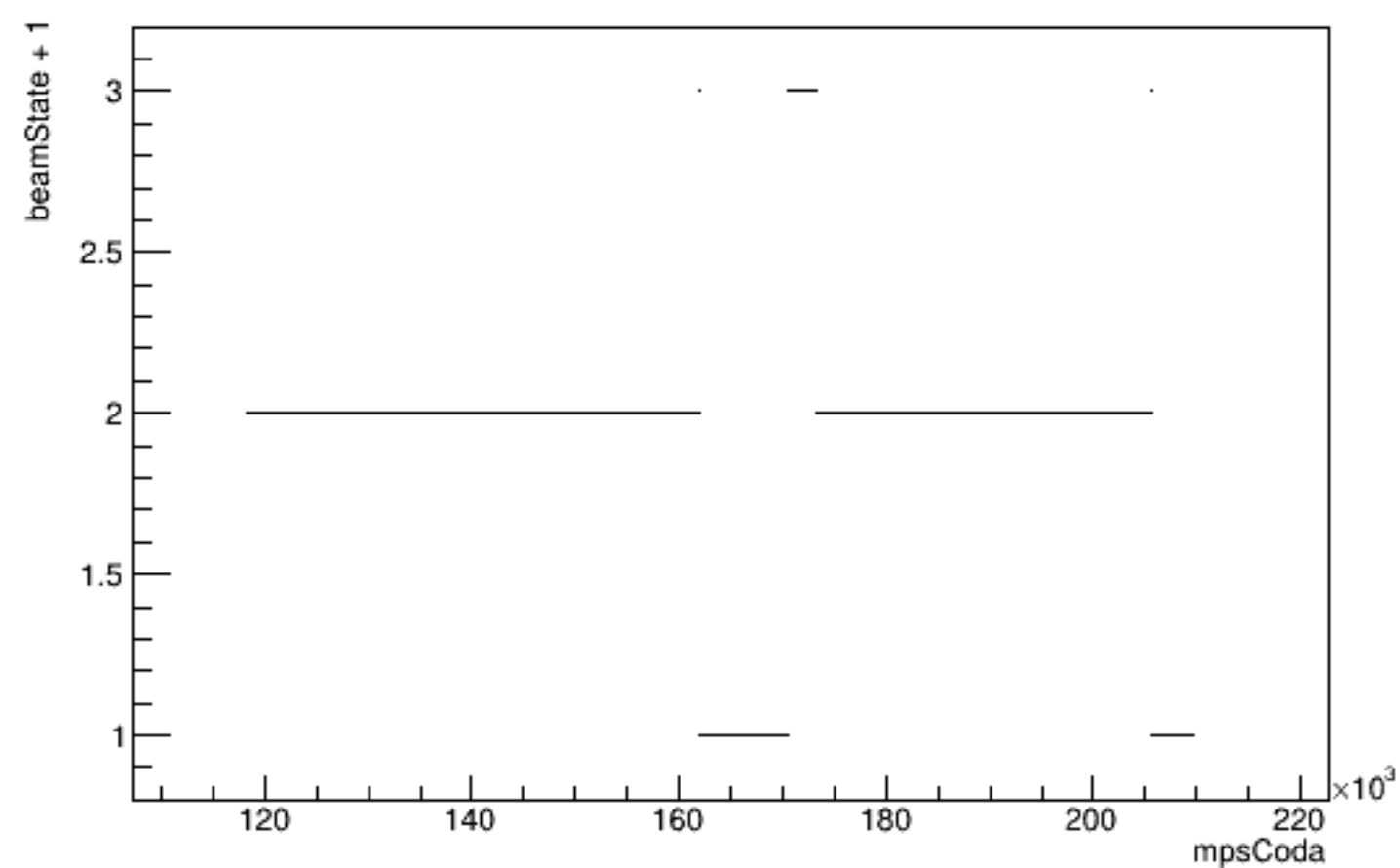
Acc0/NAcc0:mpsCoda {mpsCoda>=118367 && mpsCoda<=209606 && beamState==1}



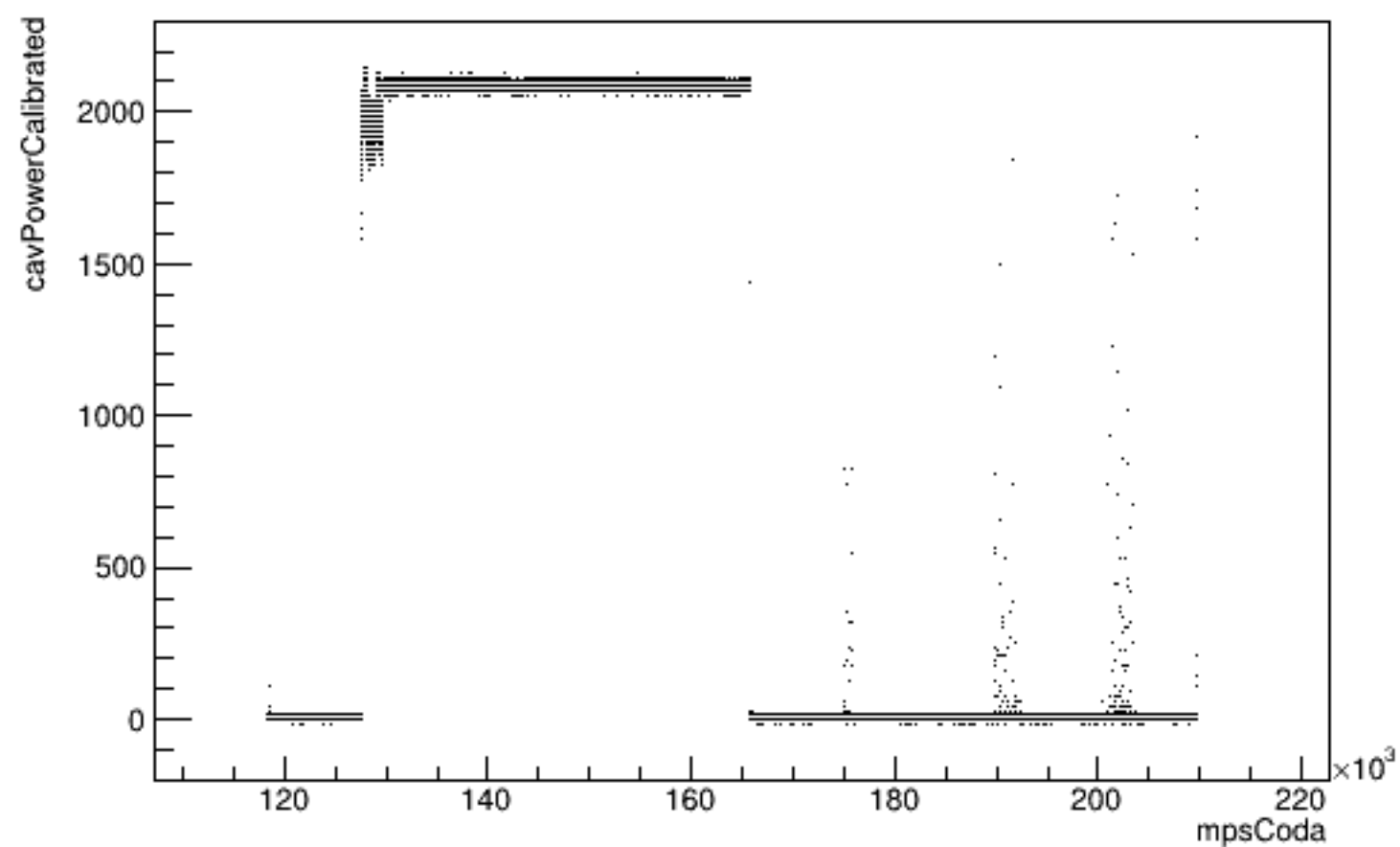
laserState:mpsCoda {mpsCoda>=118367 && mpsCoda<=209606}



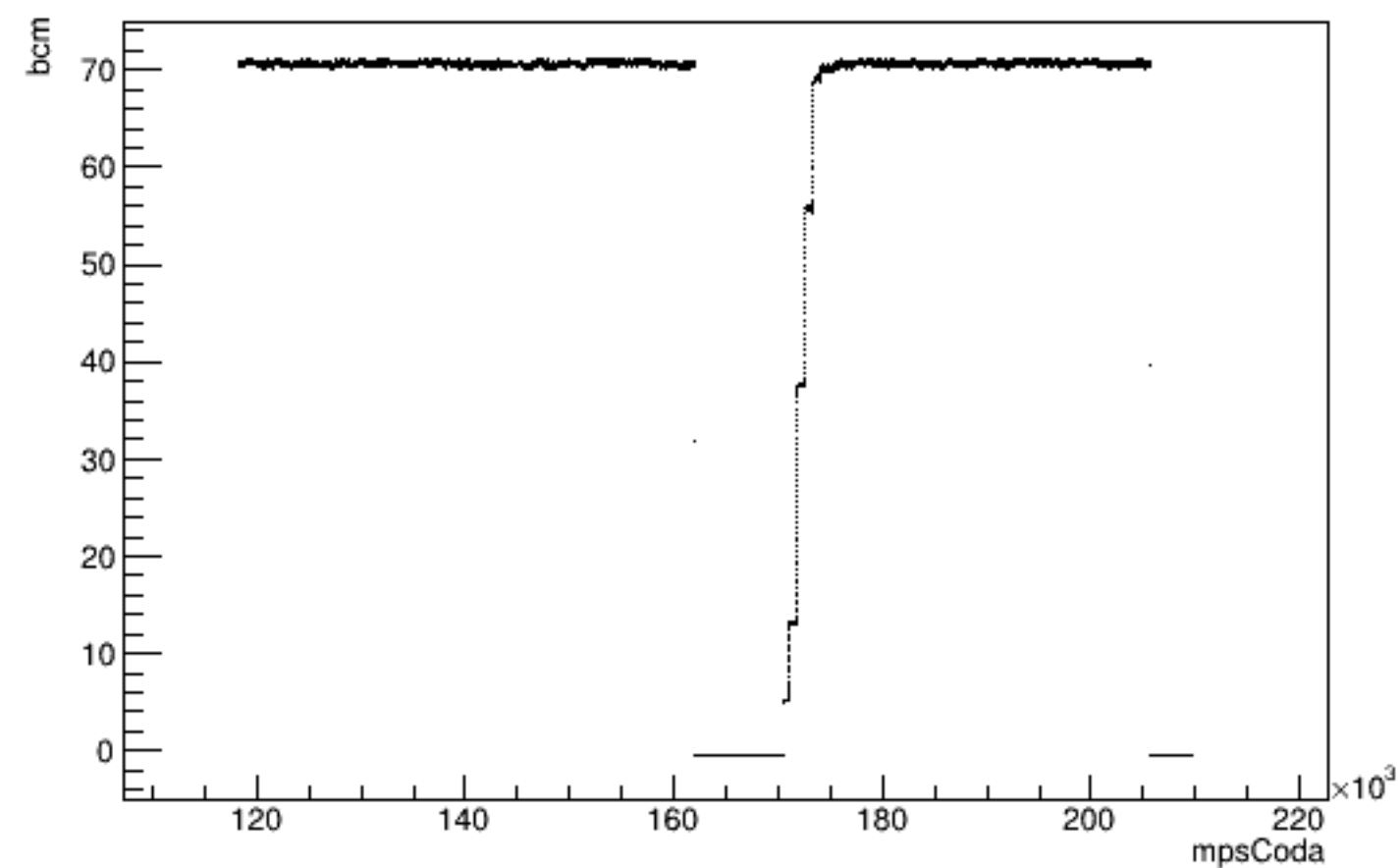
beamState + 1:mpsCoda {mpsCoda>=118367 && mpsCoda<=209606}



cavPowerCalibrated:mpsCoda {mpsCoda>=118367 && mpsCoda<=209606}



bcm:mpsCoda {mpsCoda>=118367 && mpsCoda<=209606}



Cycle 4, Diffs

Entries: 4442

Mean: 0.0051 +/- 0.0037

Std Dev: 0.2480 +/- 0.0026

Entries: 3750

Mean: -0.1530 +/- 0.0050

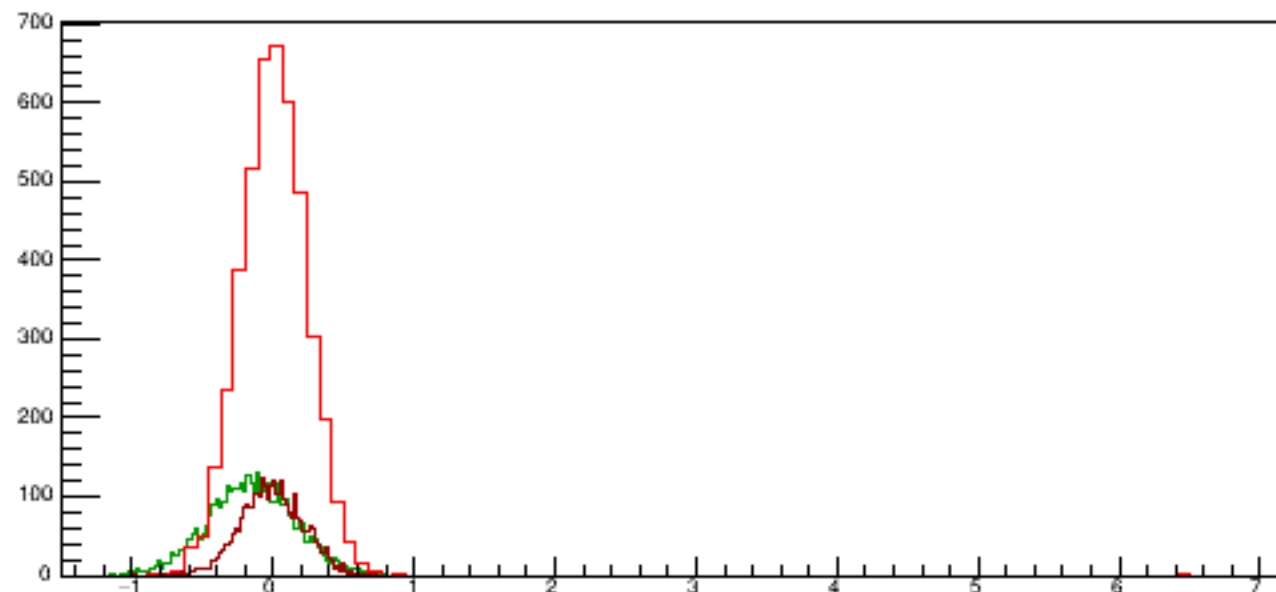
Std Dev: 0.3086 +/- 0.0036

Entries: 3103

Mean: -0.0077 +/- 0.0040

Std Dev: 0.2221 +/- 0.0028

Run 4530 quartetwise, Diffs



Cycle 4, Sums

Entries: 4442

Mean: 12.5023 +/- 0.0044

Std Dev: 0.2923 +/- 0.0031

Entries: 3750

Mean: 22.5128 +/- 0.0081

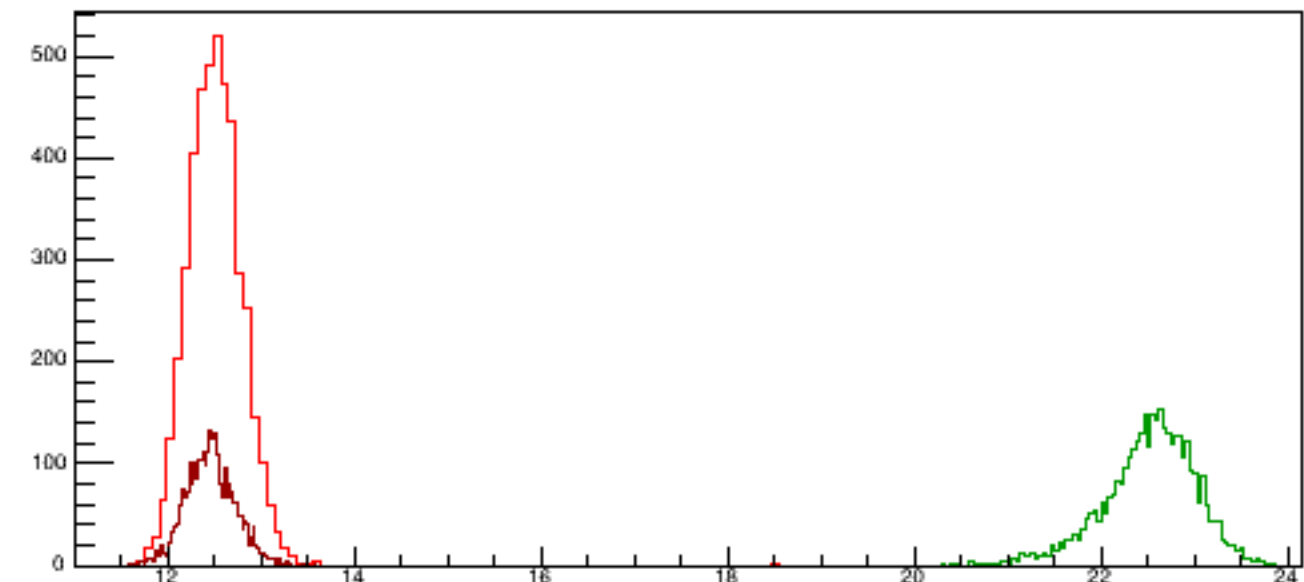
Std Dev: 0.4971 +/- 0.0057

Entries: 3103

Mean: 12.4517 +/- 0.0048

Std Dev: 0.2672 +/- 0.0034

Run 4530 quartetwise, Sums



Cycle 4, Asyms

Entries: 4442

Mean: 0.0005 +/- 0.0004

Std Dev: 0.0247 +/- 0.0003

Entries: 3750

Mean: -0.0153 +/- 0.0005

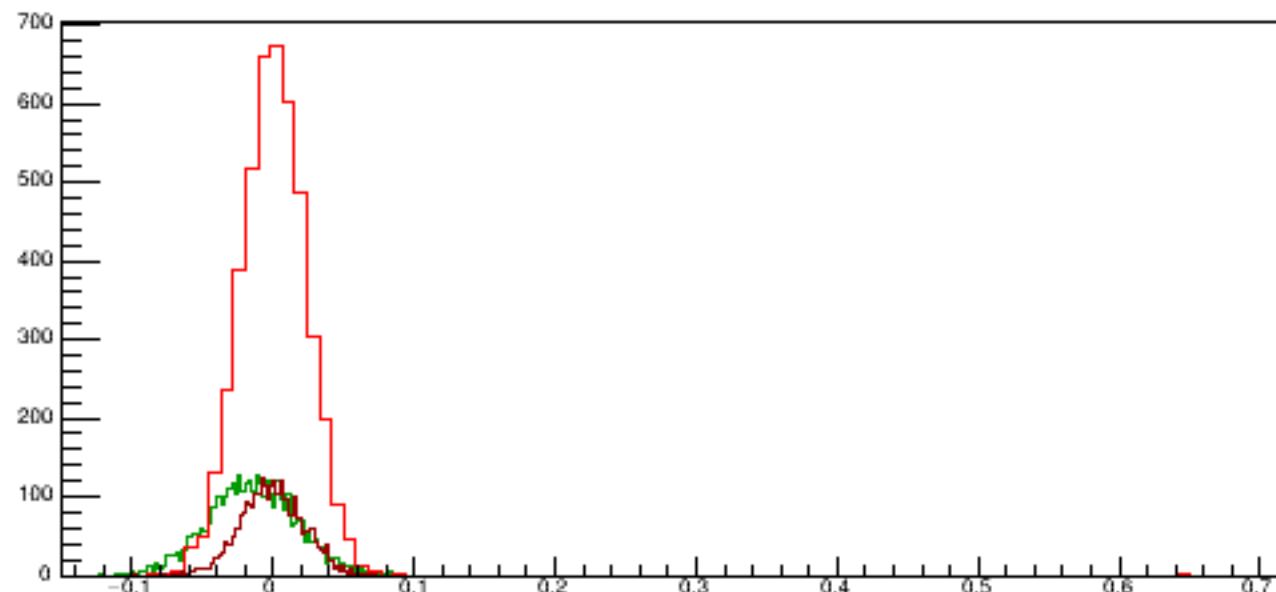
Std Dev: 0.0308 +/- 0.0004

Entries: 3103

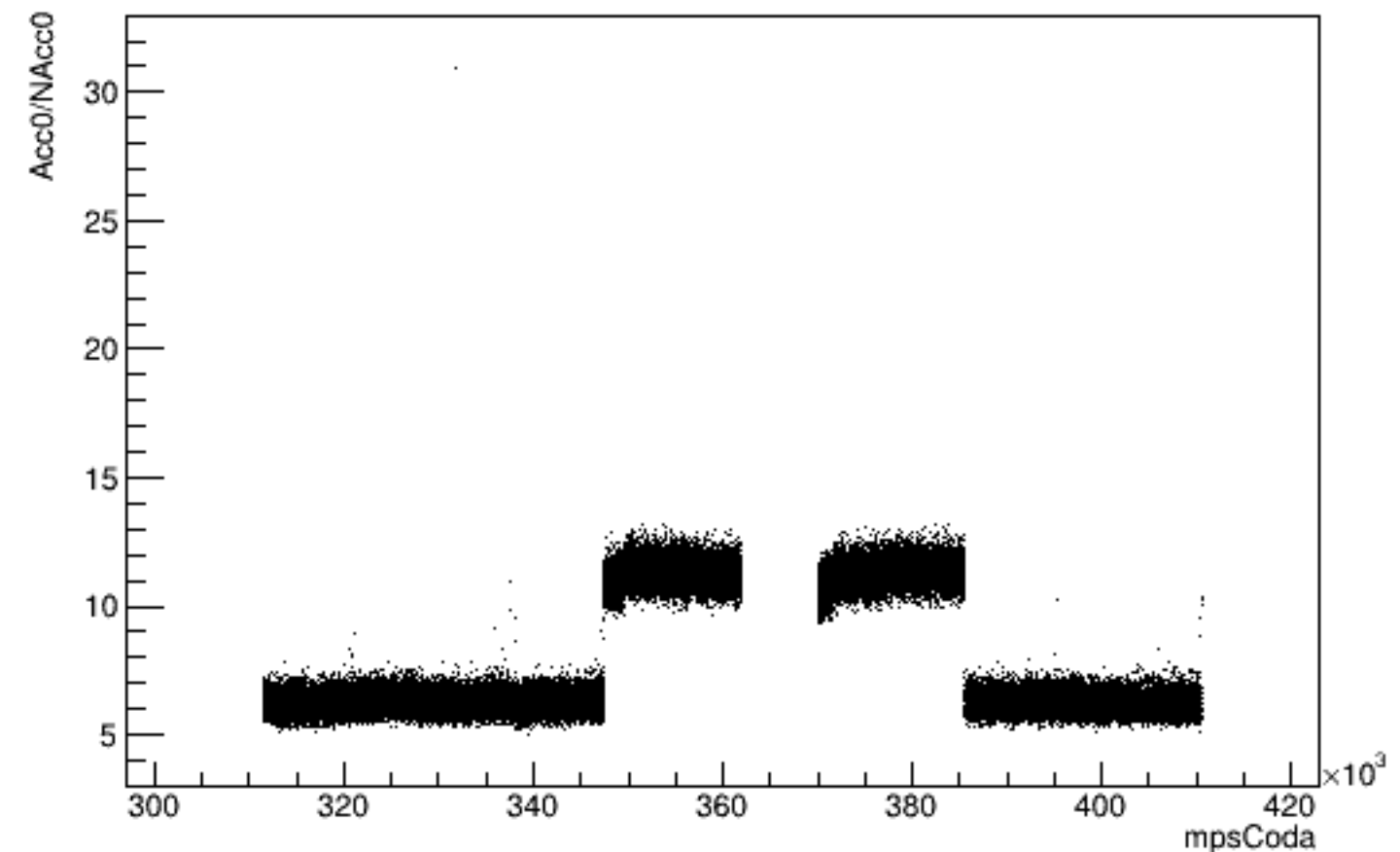
Mean: -0.0008 +/- 0.0004

Std Dev: 0.0221 +/- 0.0003

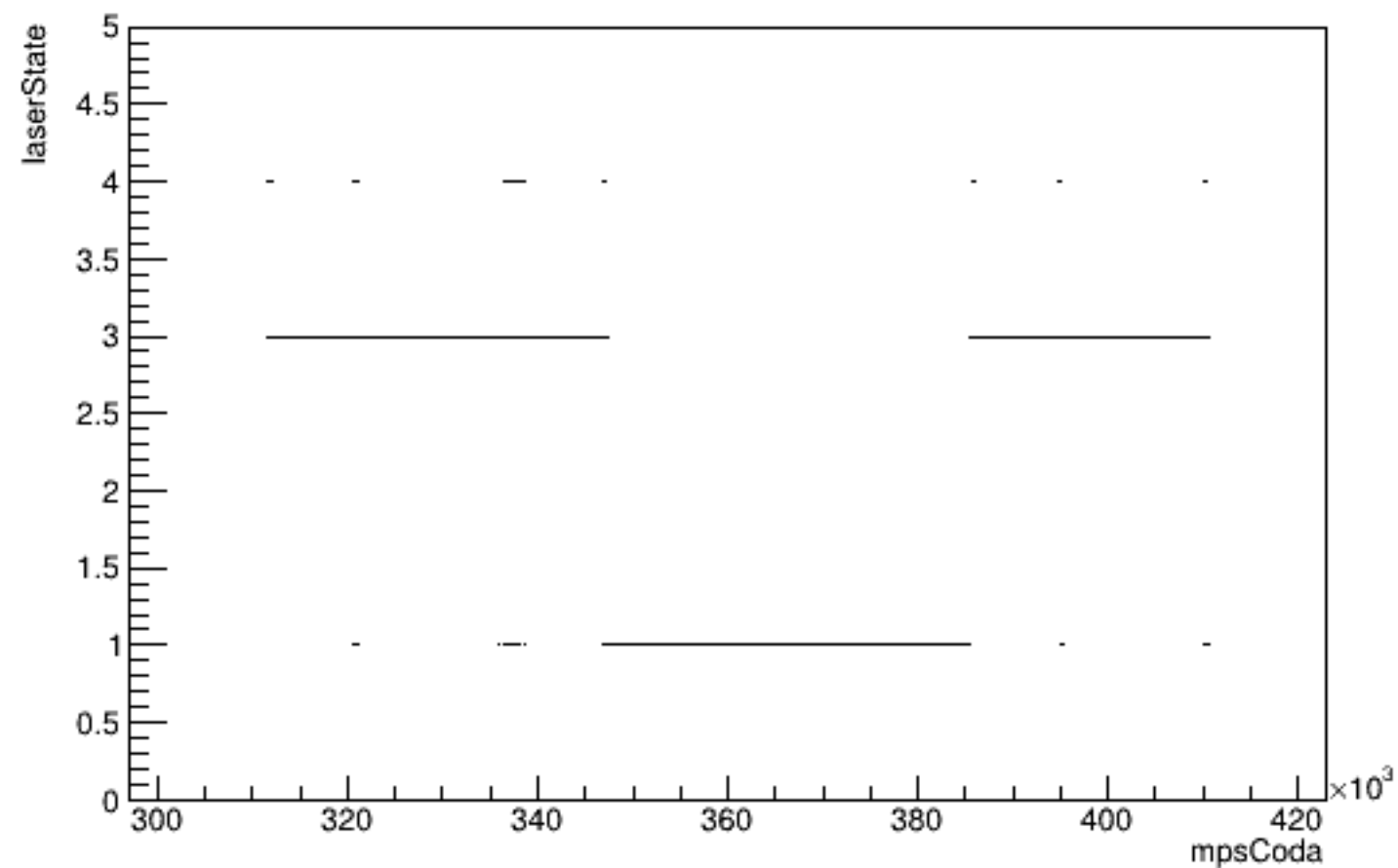
Run 4530 quartetwise, Asyms



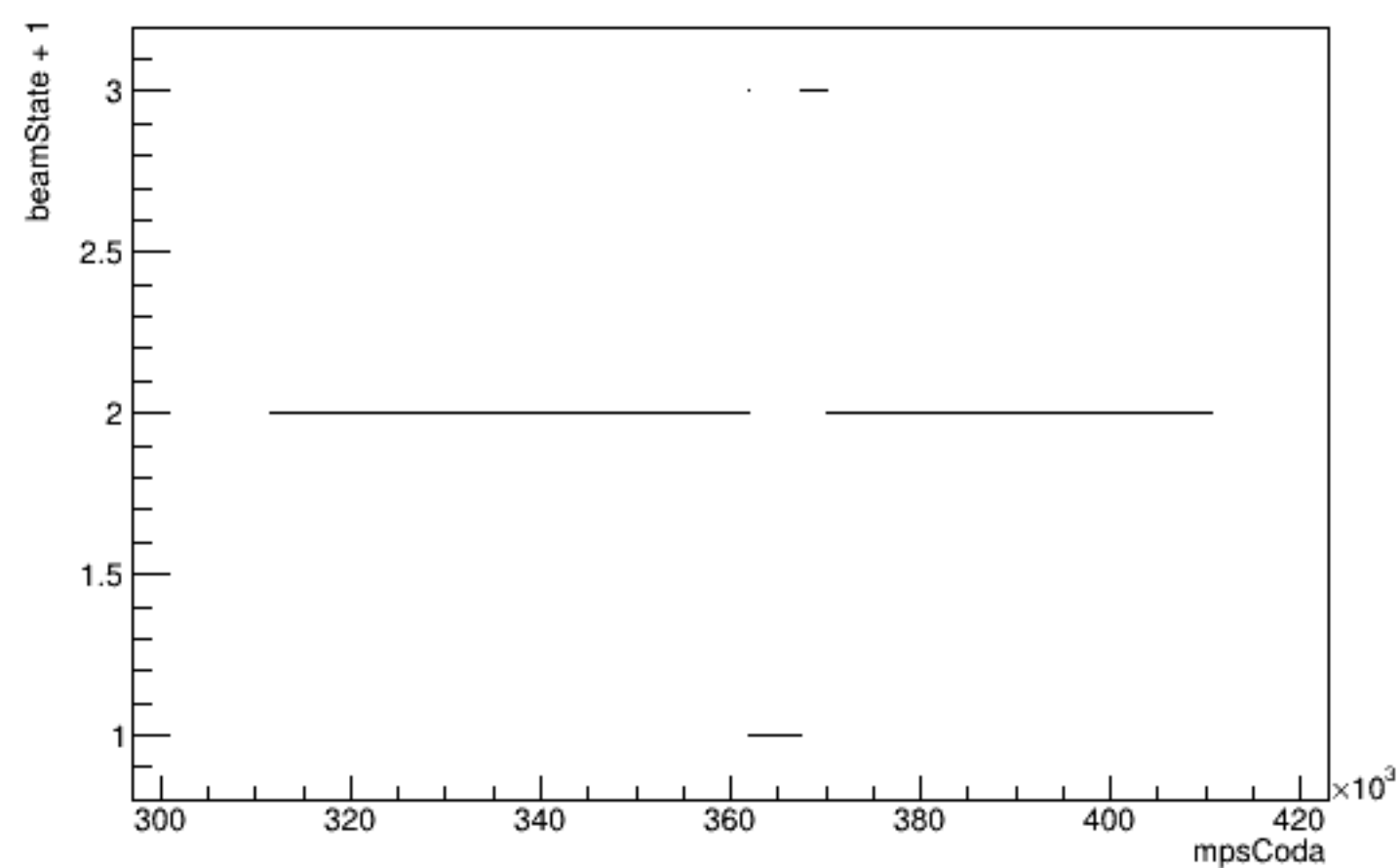
Acc0/NAcc0:mpsCoda {mpsCoda>=311415 && mpsCoda<=410542 && beamState==1}



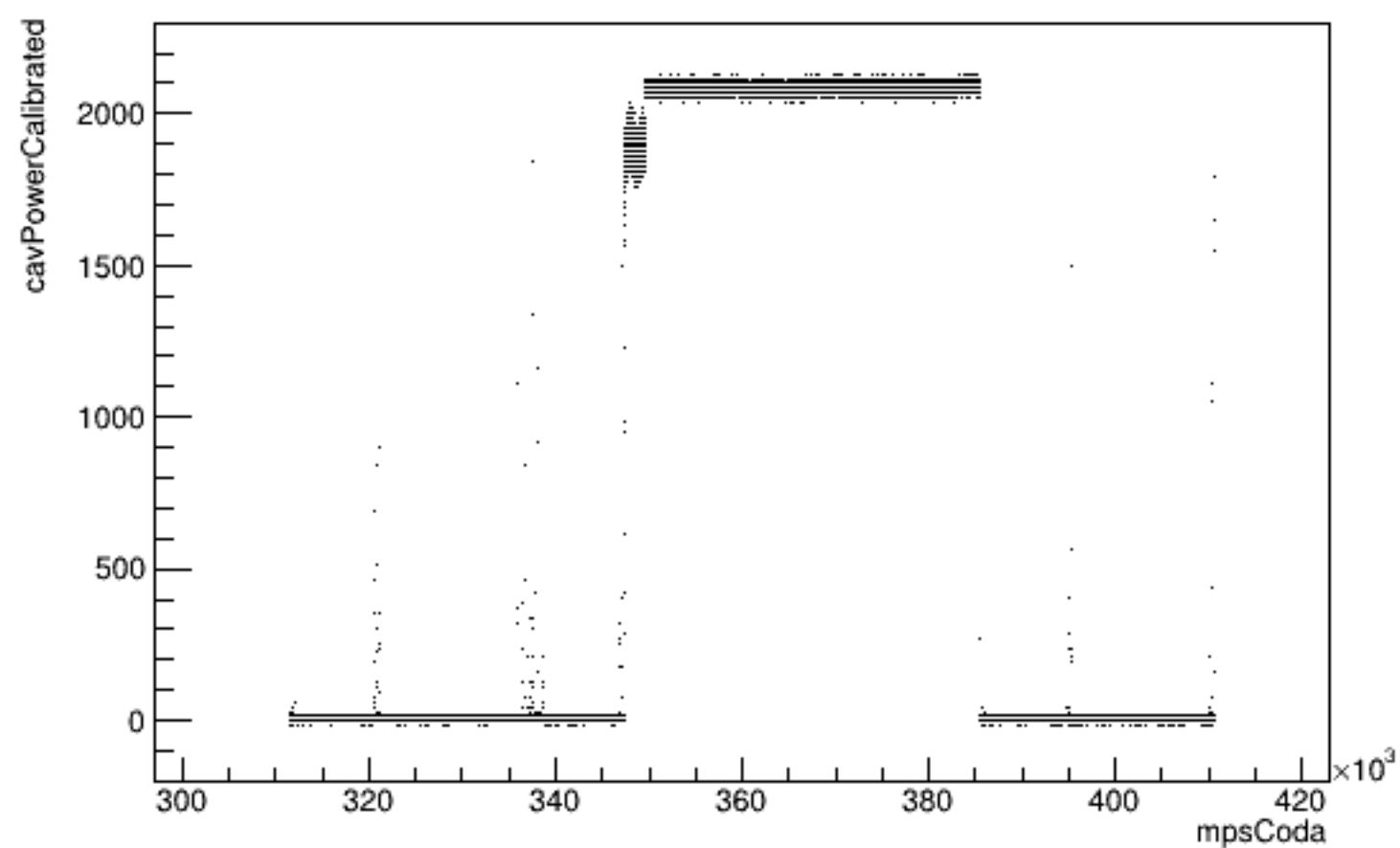
laserState:mpsCoda {mpsCoda>=311415 && mpsCoda<=410542}



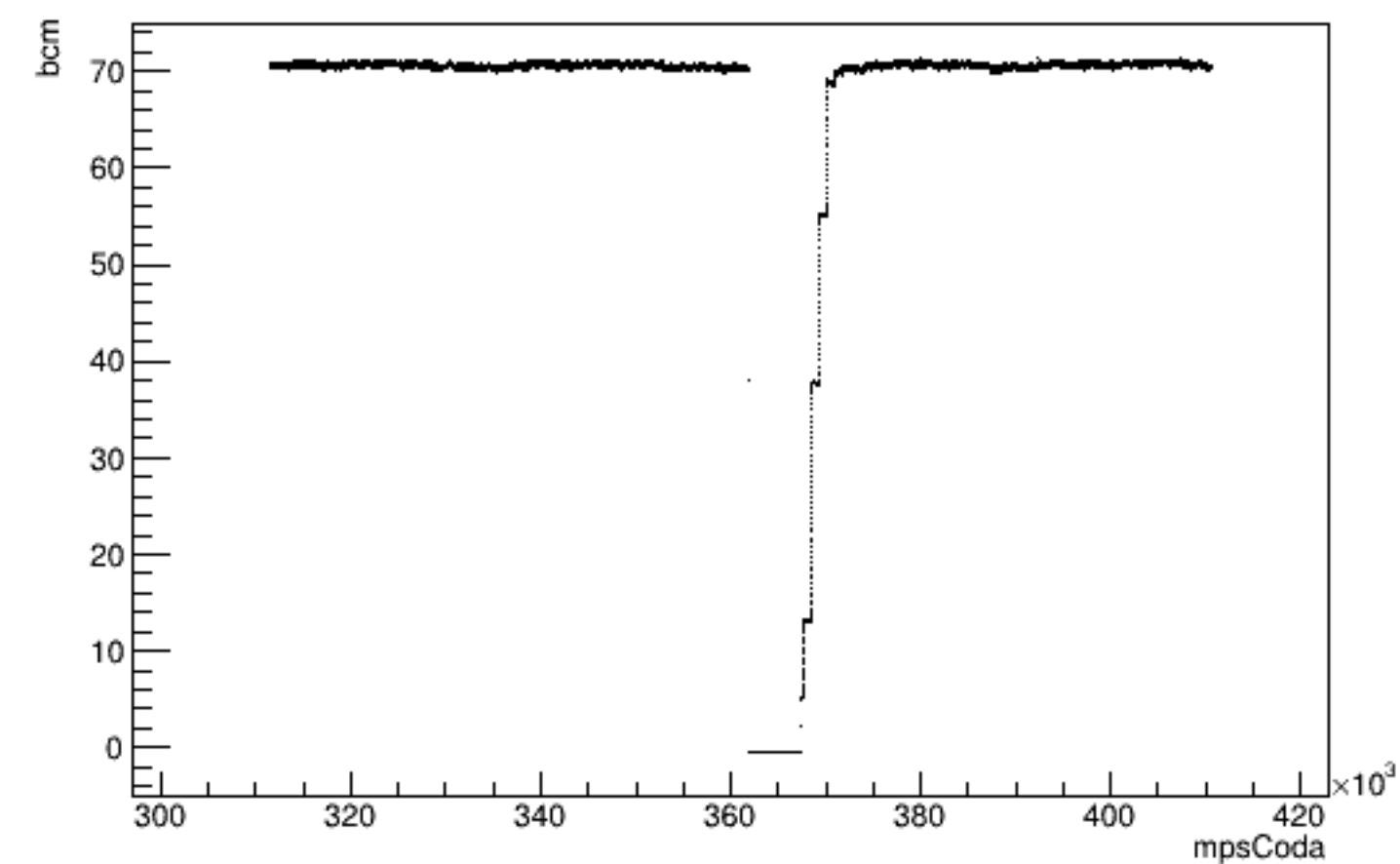
beamState + 1:mpsCoda {mpsCoda>=311415 && mpsCoda<=410542}



cavPowerCalibrated:mpsCoda {mpsCoda>=311415 && mpsCoda<=410542}



bcm:mpsCoda {mpsCoda>=311415 && mpsCoda<=410542}



Cycle 7, Diffs

Entries: 5467

Mean: 0.0021 +/- 0.0031

Std Dev: 0.2286 +/- 0.0022

Entries: 1269

Mean: -0.1484 +/- 0.0088

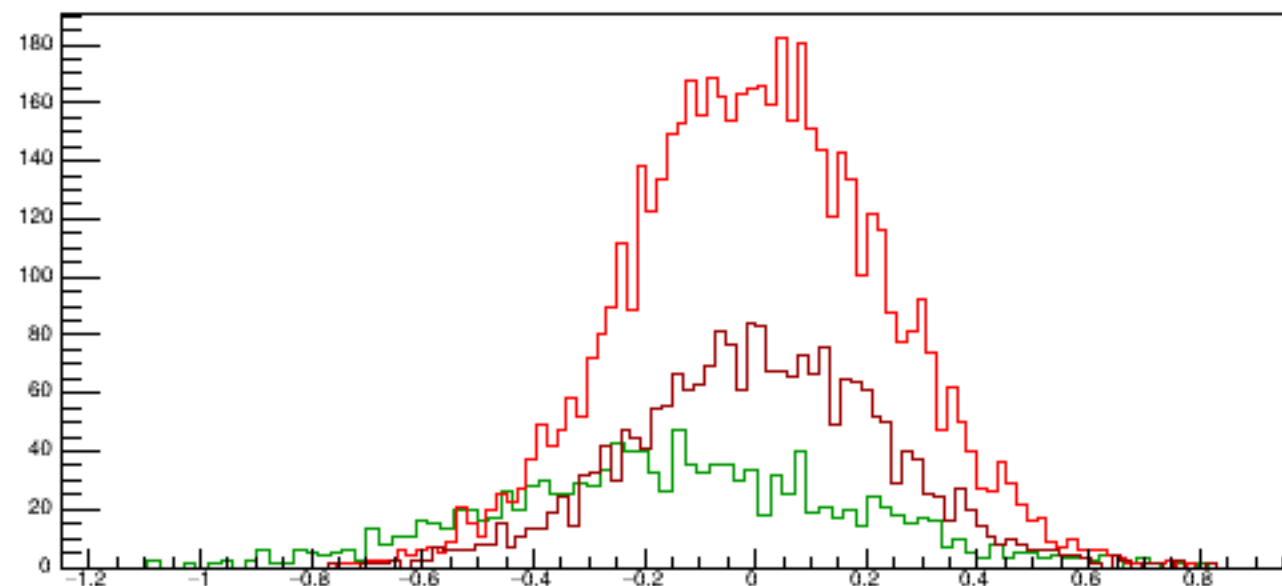
Std Dev: 0.3134 +/- 0.0062

Entries: 2263

Mean: 0.0059 +/- 0.0048

Std Dev: 0.2283 +/- 0.0034

Run 4530 quartetwise, Diffs



Cycle 7, Sums

Entries: 5467

Mean: 12.0351 +/- 0.0053

Std Dev: 0.3889 +/- 0.0037

Entries: 1269

Mean: 22.0838 +/- 0.0167

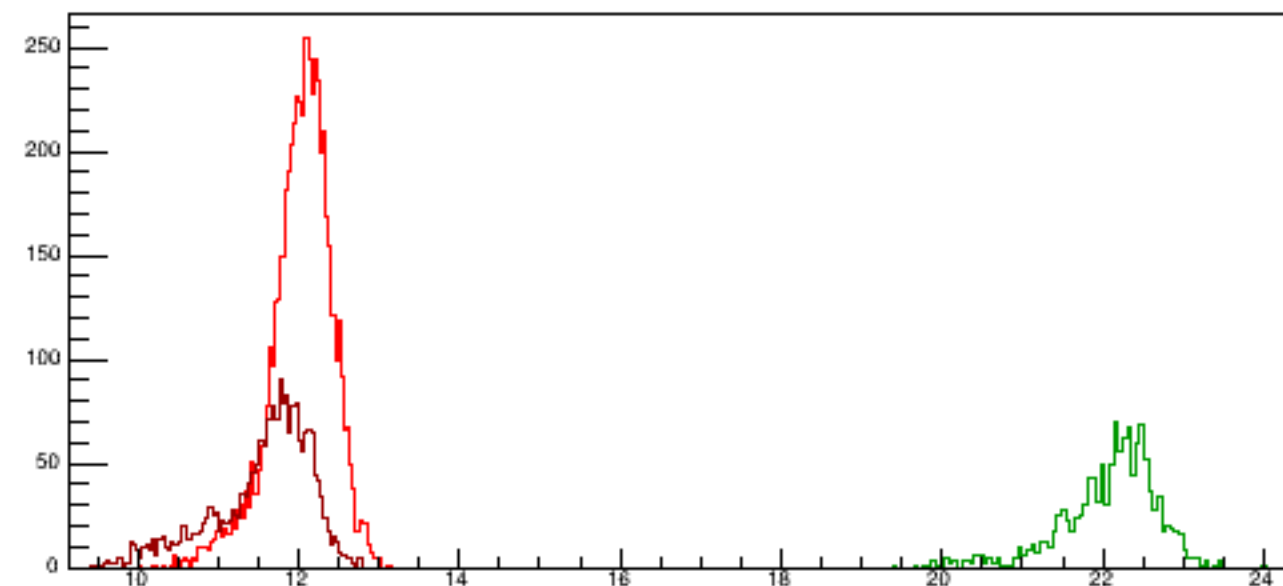
Std Dev: 0.5954 +/- 0.0118

Entries: 2263

Mean: 11.5508 +/- 0.0128

Std Dev: 0.6103 +/- 0.0091

Run 4530 quartetwise, Sums



Cycle 7, Asyms

Entries: 5467

Mean: 0.0002 +/- 0.0003

Std Dev: 0.0222 +/- 0.0002

Entries: 1269

Mean: -0.0145 +/- 0.0009

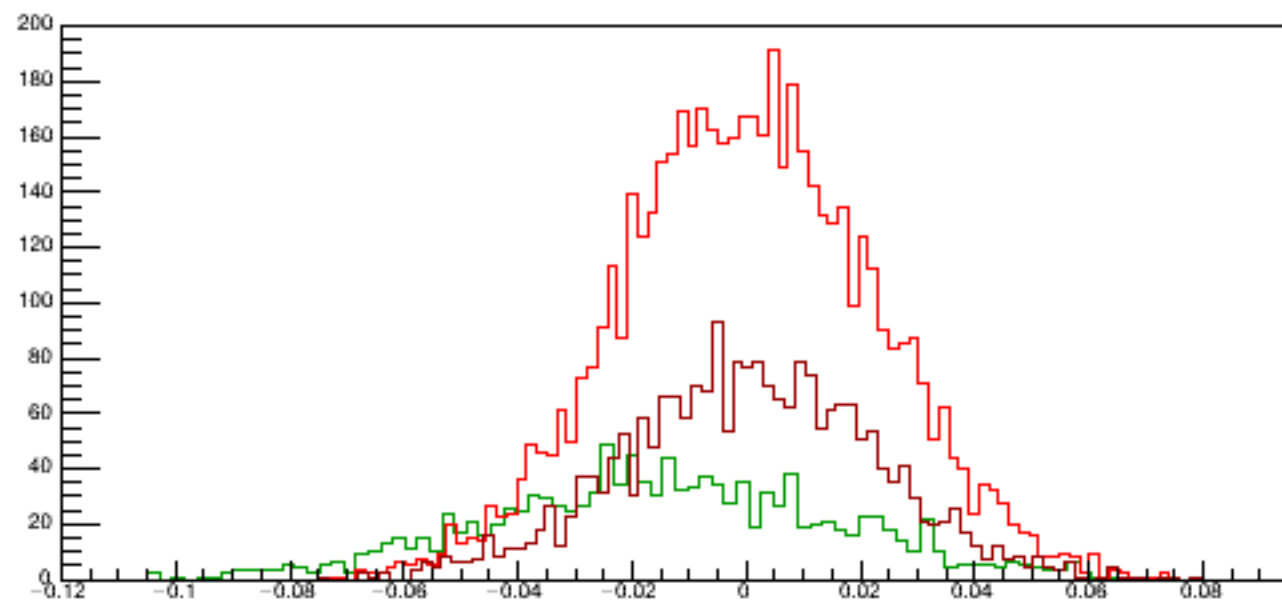
Std Dev: 0.0305 +/- 0.0006

Entries: 2263

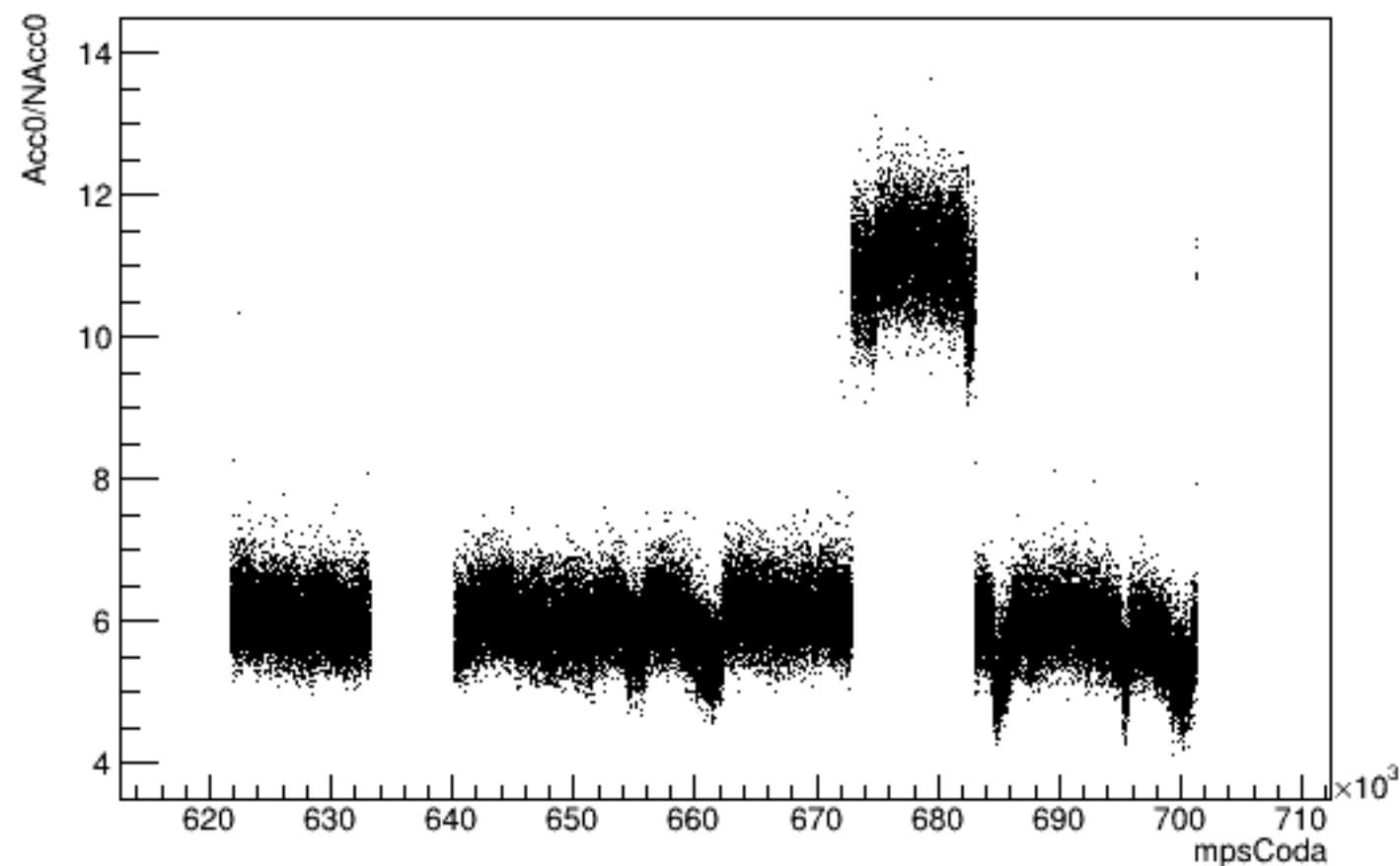
Mean: 0.0006 +/- 0.0005

Std Dev: 0.0222 +/- 0.0003

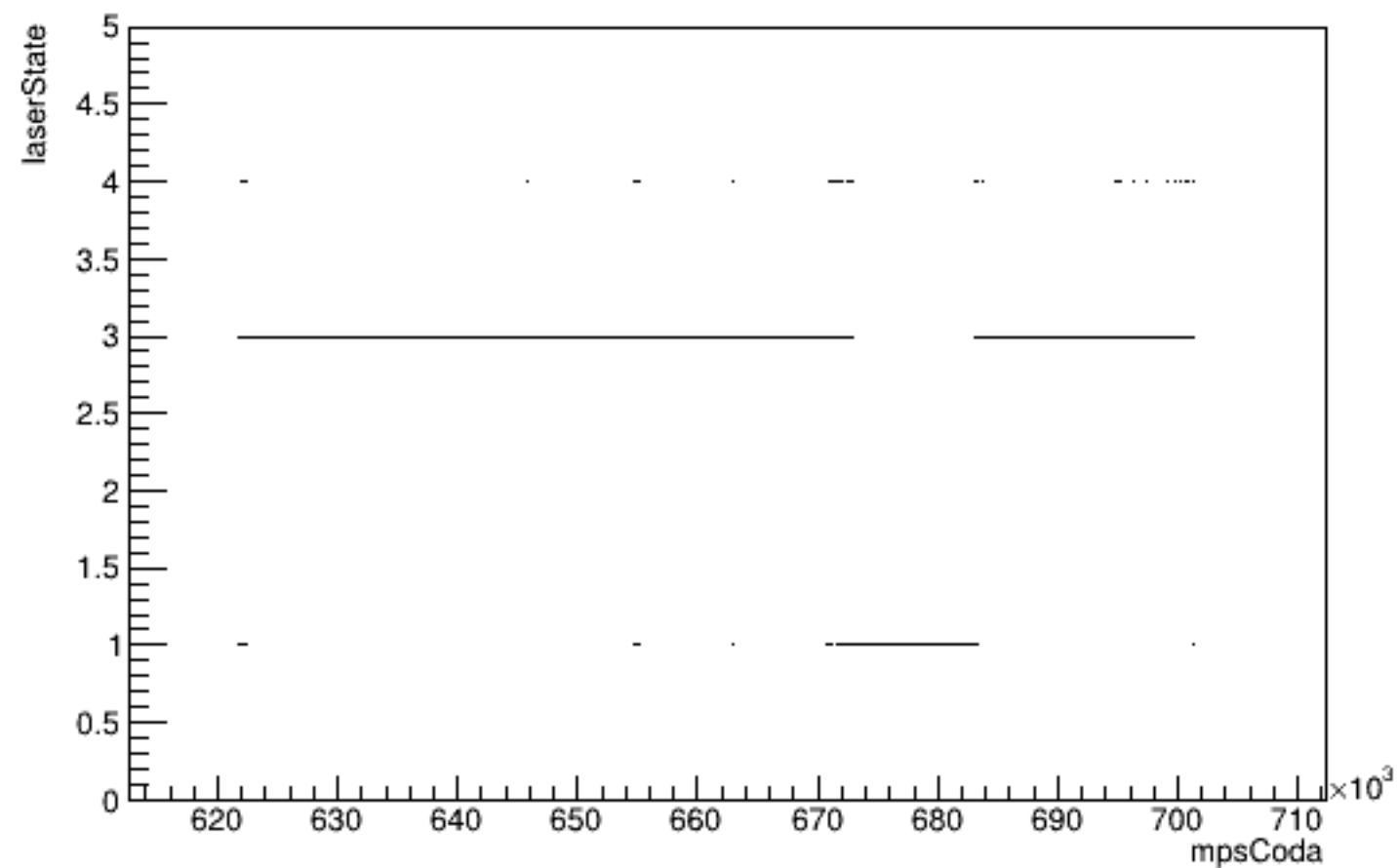
Run 4530 quartetwise, Asyms



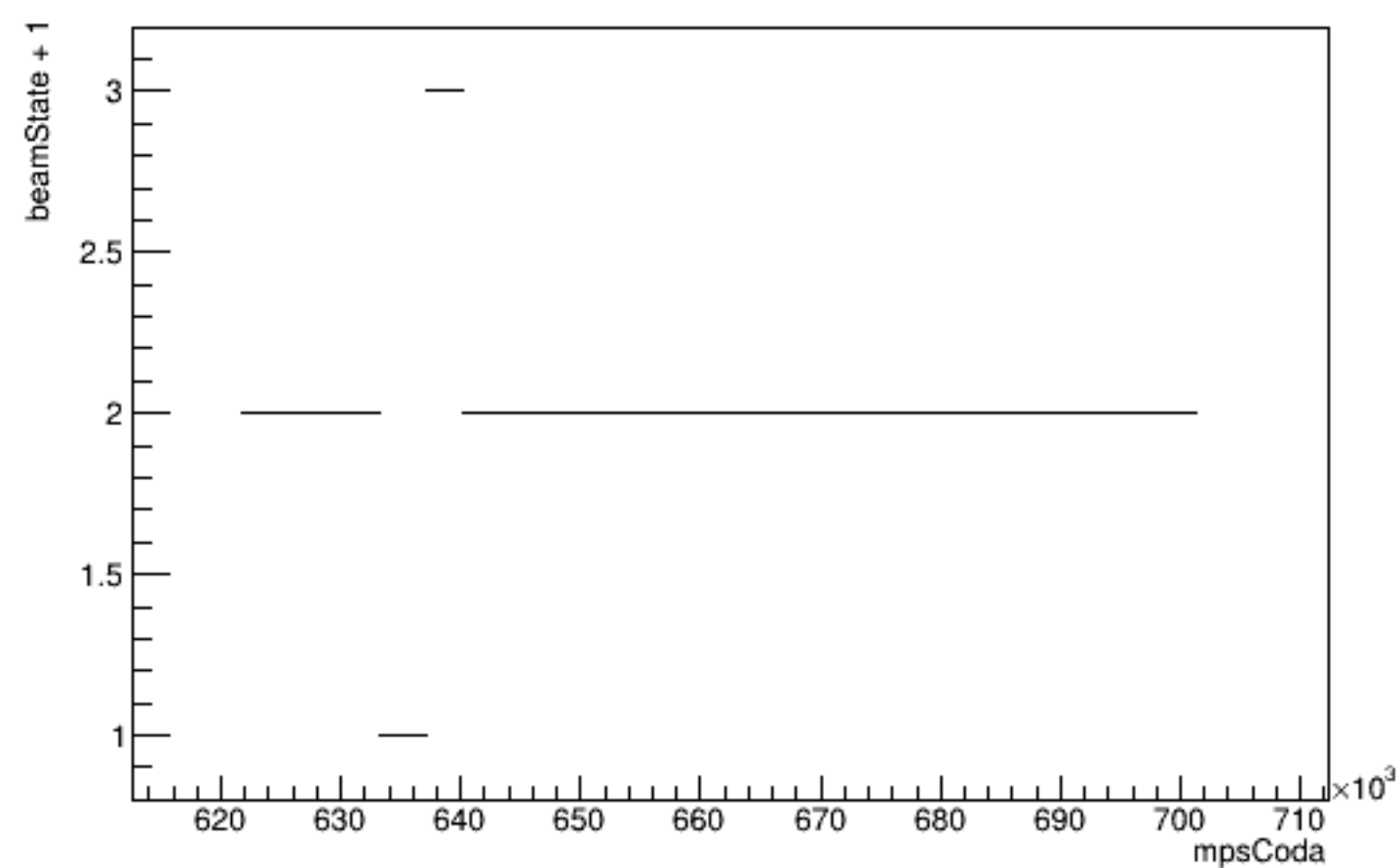
Acc0/NAcc0:mpsCoda {mpsCoda>=621703 && mpsCoda<=701294 && beamState==1}



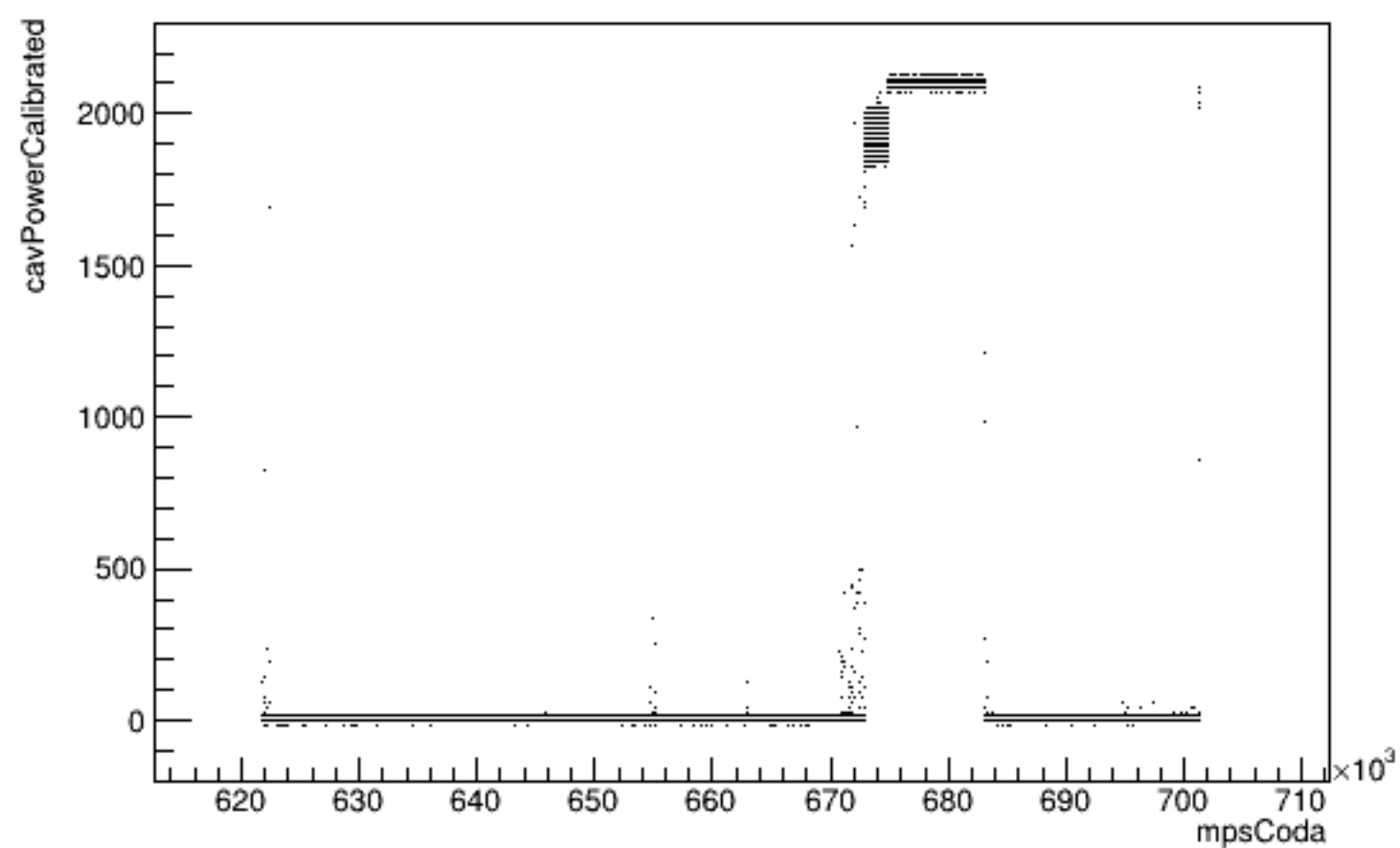
laserState:mpsCoda {mpsCoda>=621703 && mpsCoda<=701294}



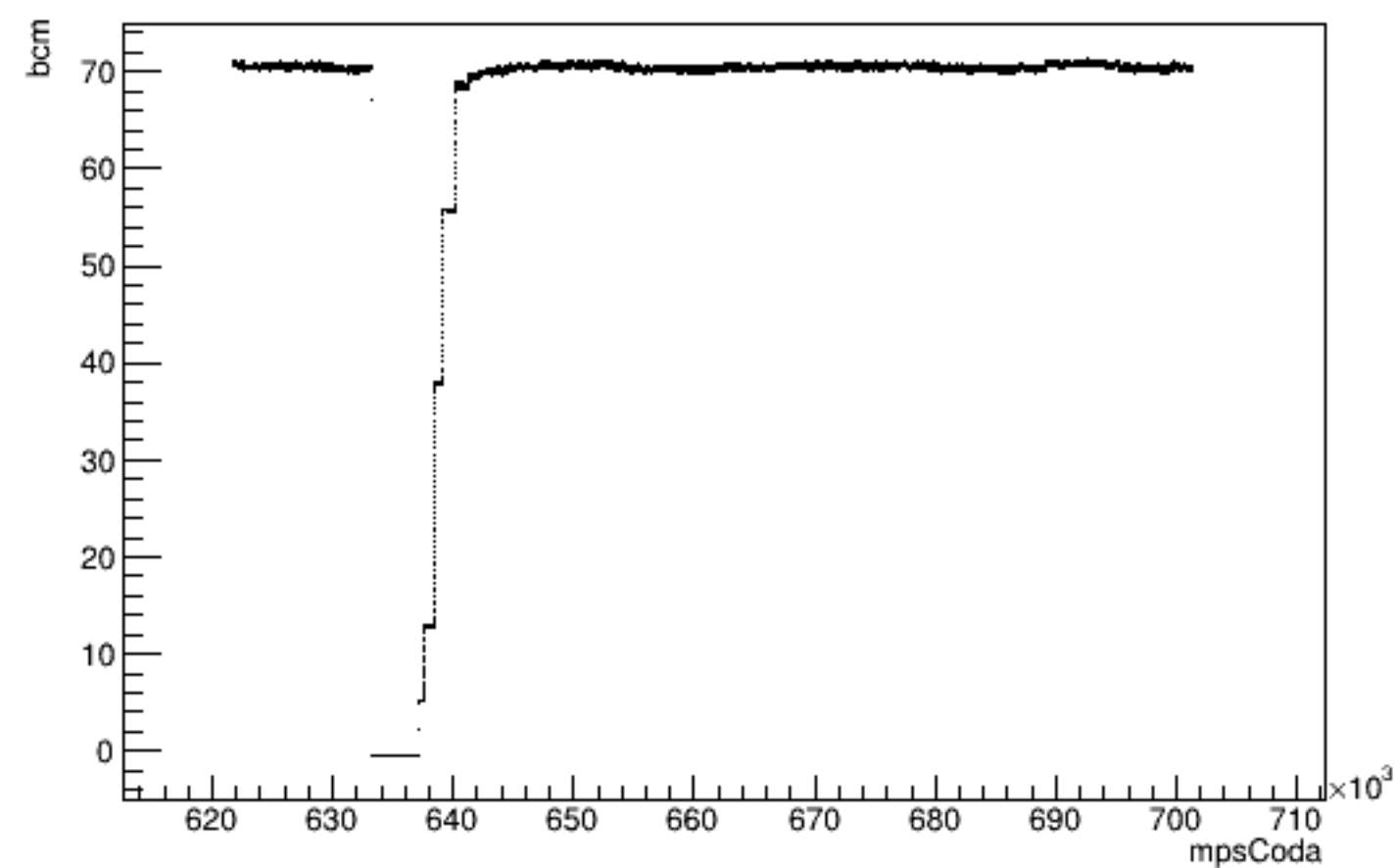
beamState + 1:mpsCoda {mpsCoda>=621703 && mpsCoda<=701294}



cavPowerCalibrated:mpsCoda {mpsCoda>=621703 && mpsCoda<=701294}



bcm:mpsCoda {mpsCoda>=621703 && mpsCoda<=701294}



Cycle 8, Diffs

Entries: 2263

Mean: 0.0059 +/- 0.0048

Std Dev: 0.2283 +/- 0.0034

Entries: 1193

Mean: -0.1368 +/- 0.0092

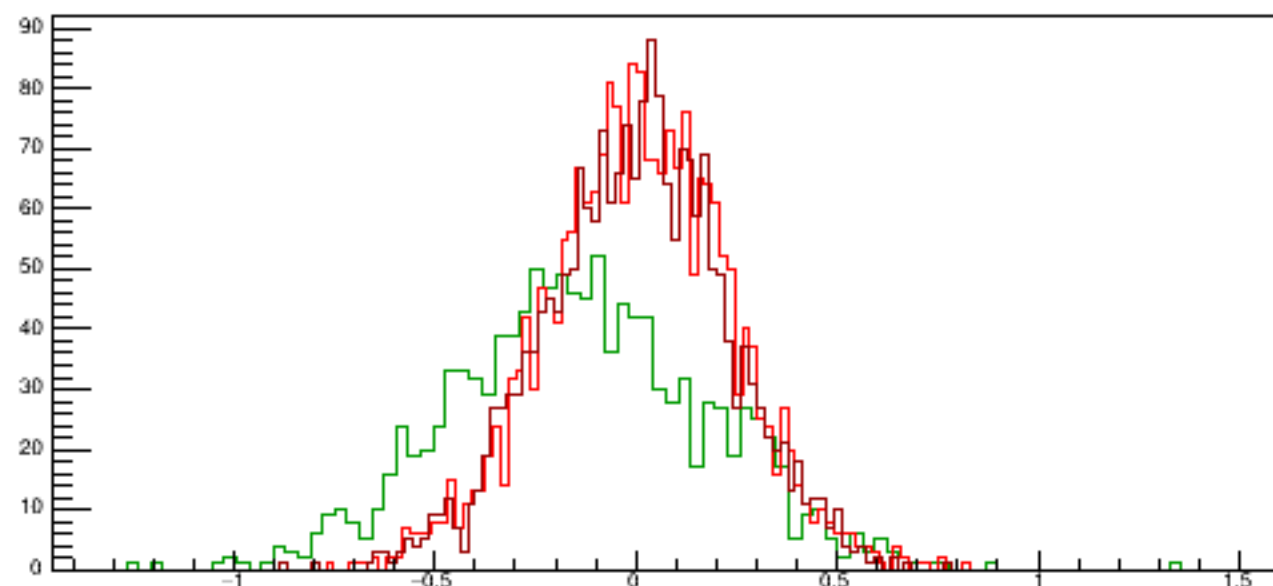
Std Dev: 0.3171 +/- 0.0065

Entries: 2101

Mean: 0.0012 +/- 0.0049

Std Dev: 0.2252 +/- 0.0035

Run 4530 quartetwise, Diffs



Cycle 8, Sums

Entries: 2263

Mean: 11.5508 +/- 0.0128

Std Dev: 0.6103 +/- 0.0091

Entries: 1193

Mean: 22.3489 +/- 0.0109

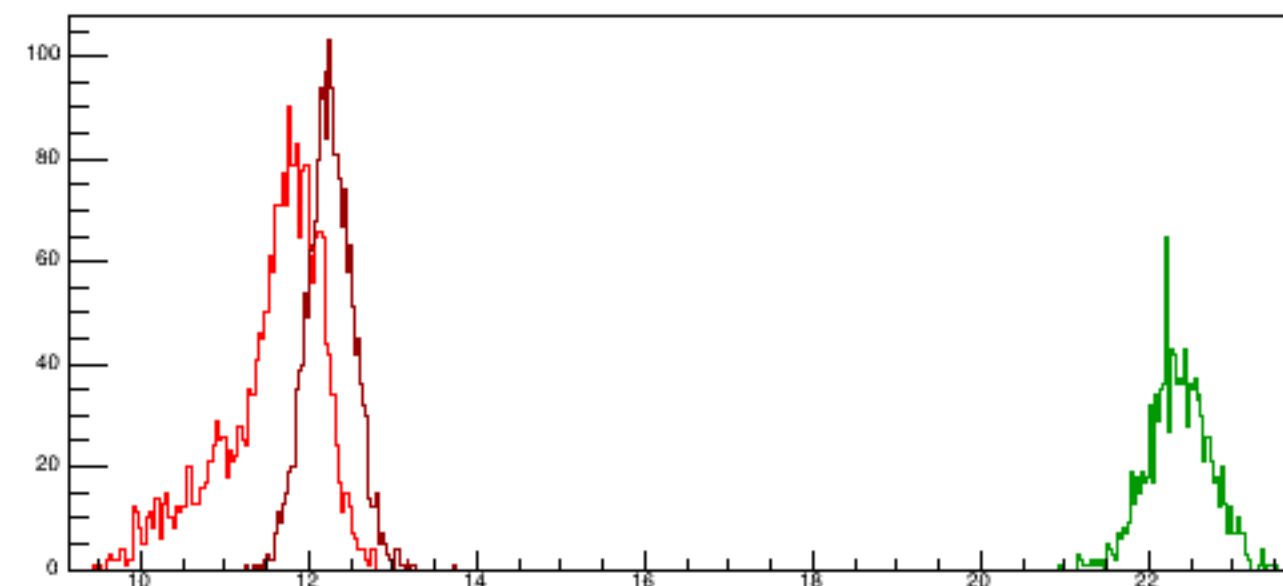
Std Dev: 0.3769 +/- 0.0077

Entries: 2101

Mean: 12.2543 +/- 0.0060

Std Dev: 0.2753 +/- 0.0042

Run 4530 quartetwise, Sums



Cycle 8, Asyms

Entries: 2263

Mean: 0.0006 +/- 0.0005

Std Dev: 0.0219 +/- 0.0003

Entries: 1193

Mean: -0.0131 +/- 0.0009

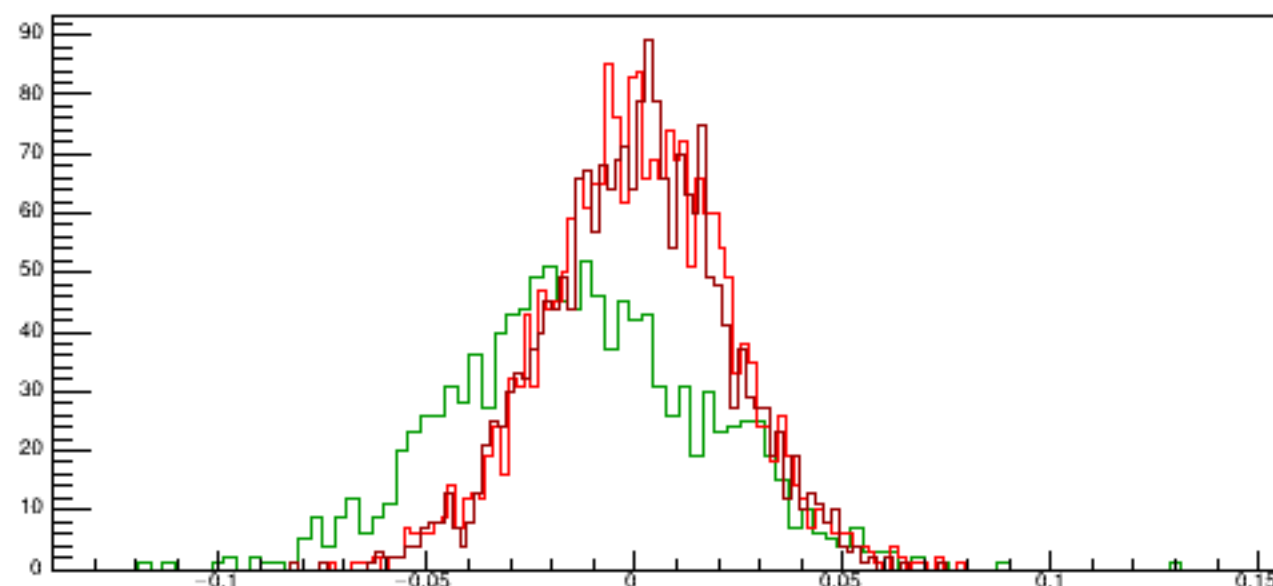
Std Dev: 0.0303 +/- 0.0006

Entries: 2101

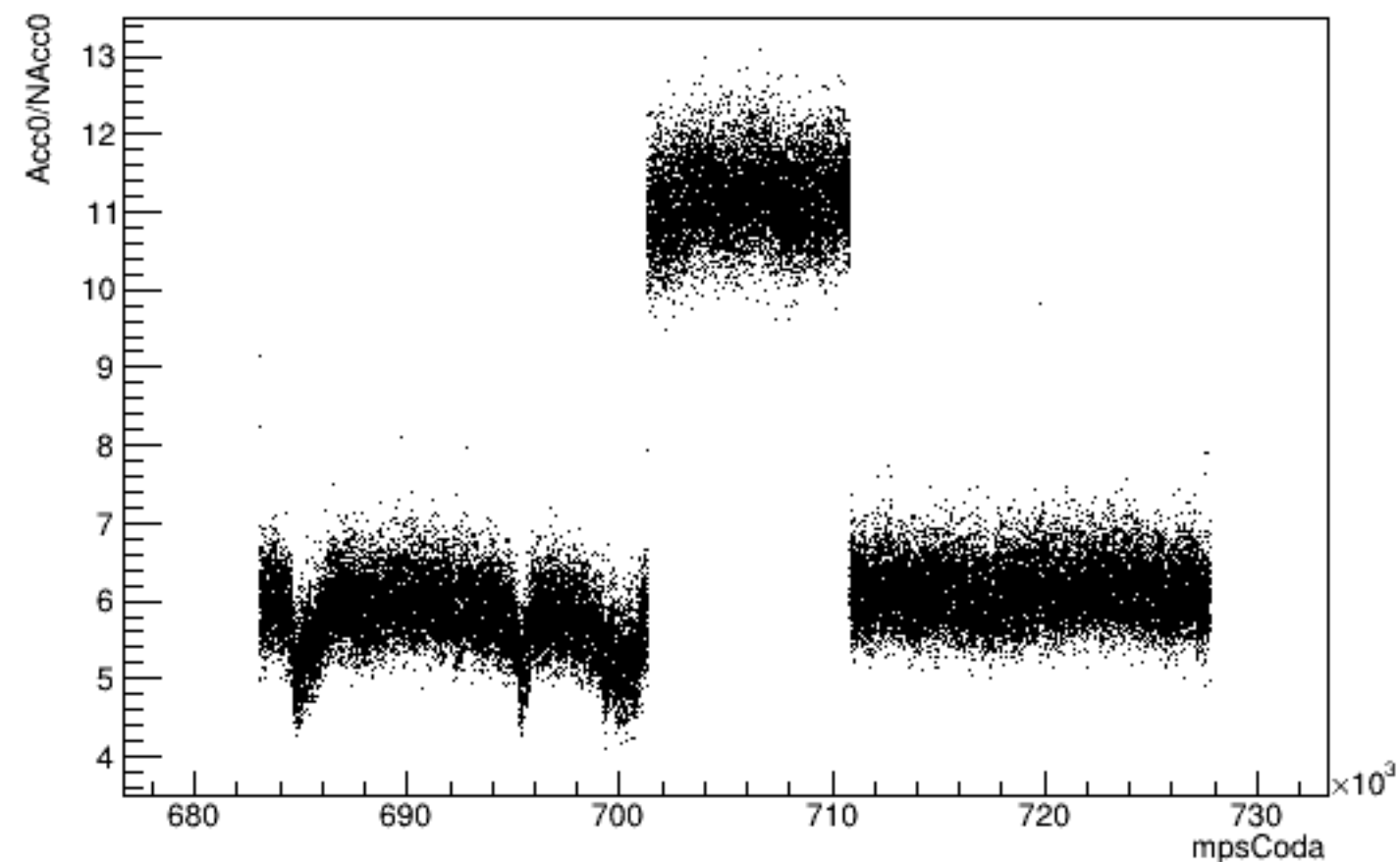
Mean: 0.0001 +/- 0.0005

Std Dev: 0.0216 +/- 0.0003

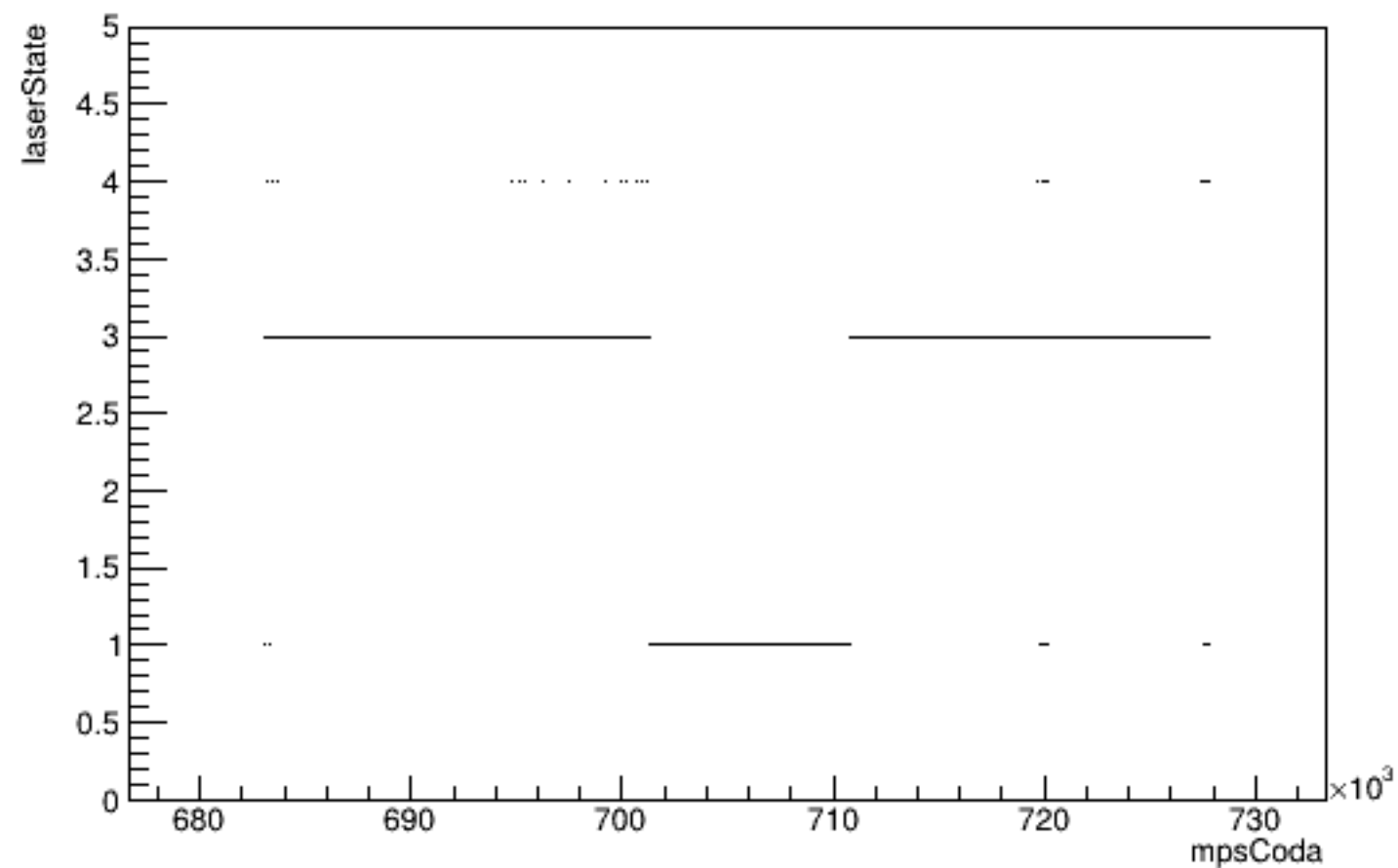
Run 4530 quartetwise, Asyms



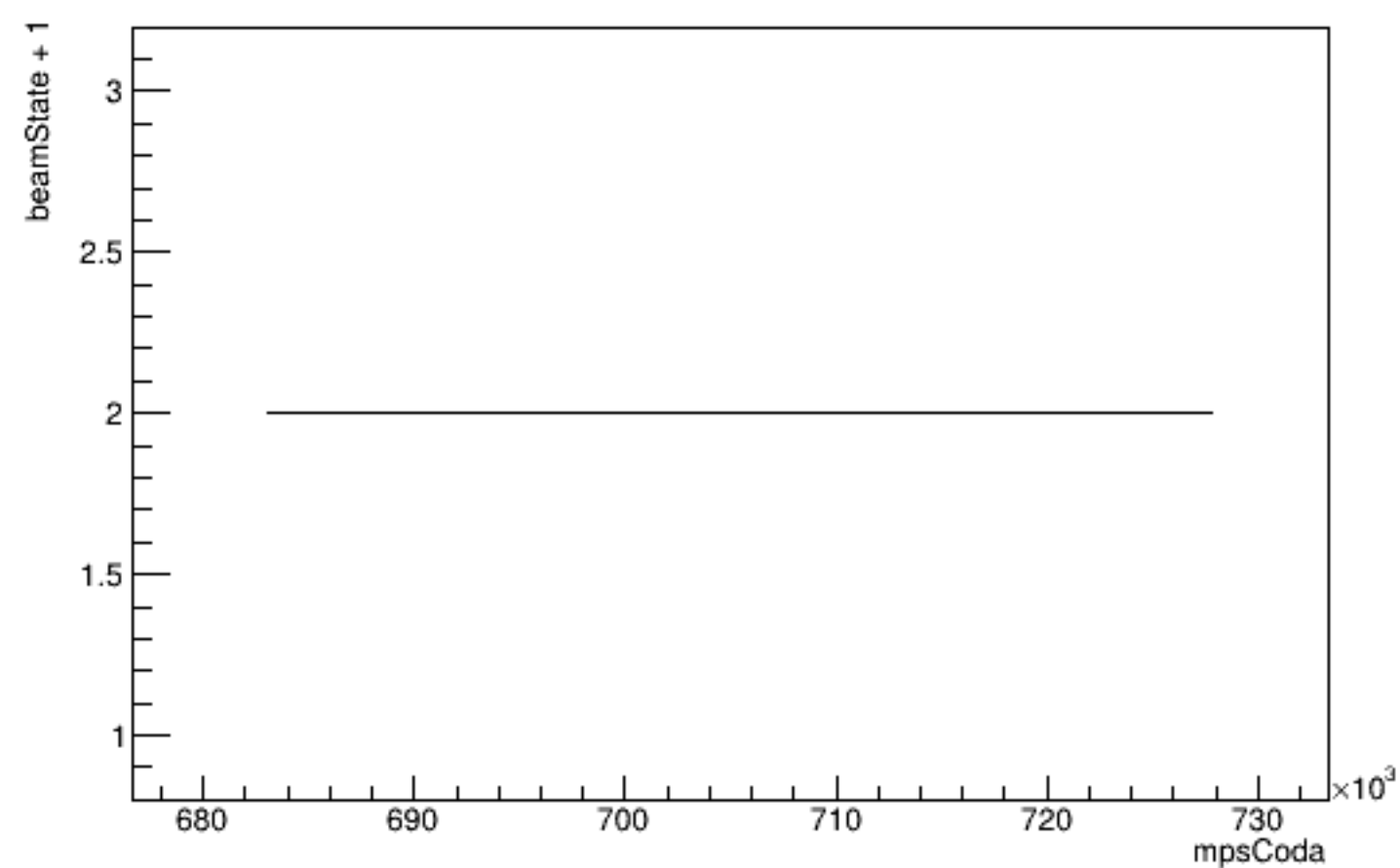
Acc0/NAcc0:mpsCoda {mpsCoda>=683047 && mpsCoda<=727774 && beamState==1}



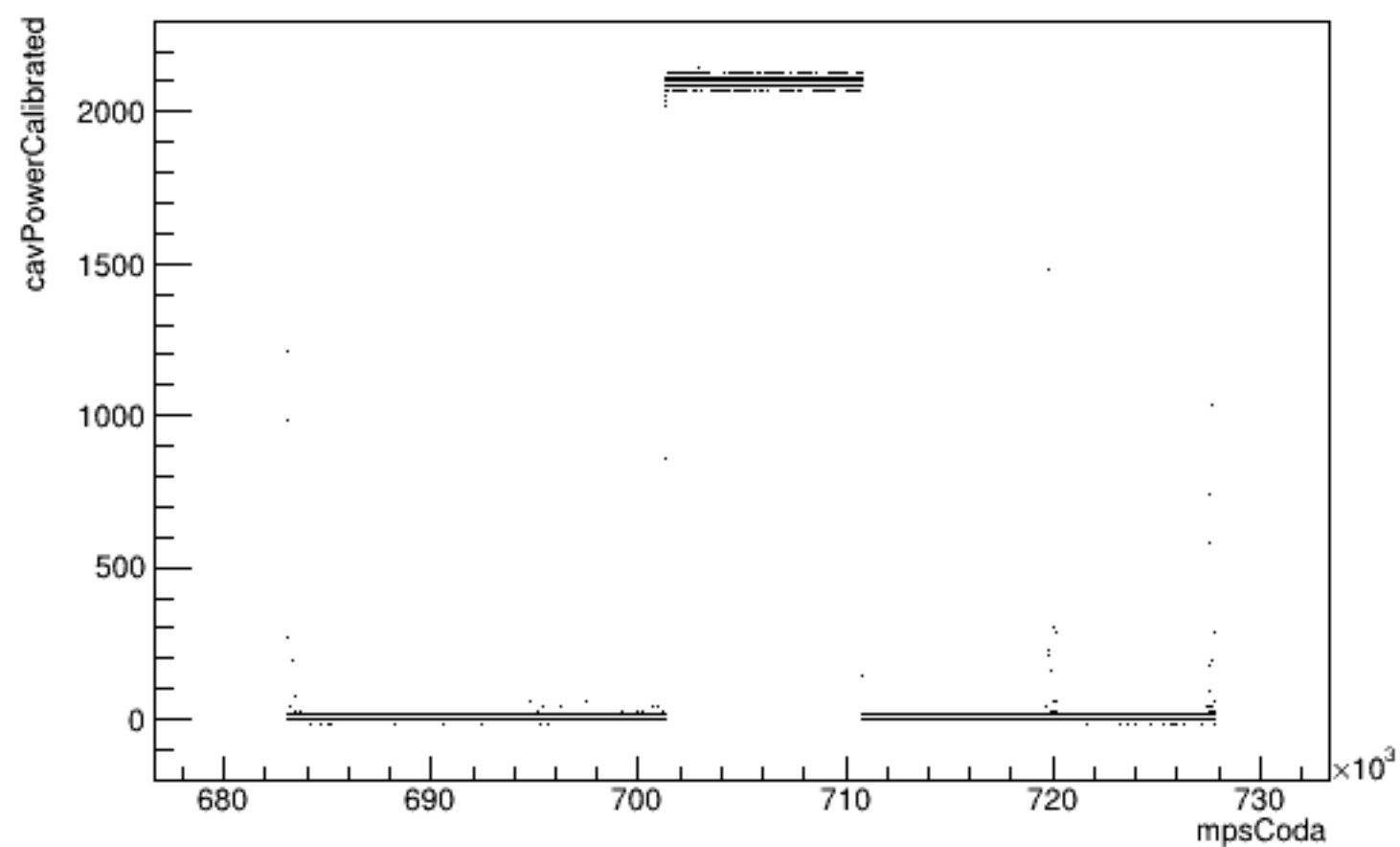
laserState:mpsCoda {mpsCoda>=683047 && mpsCoda<=727774}



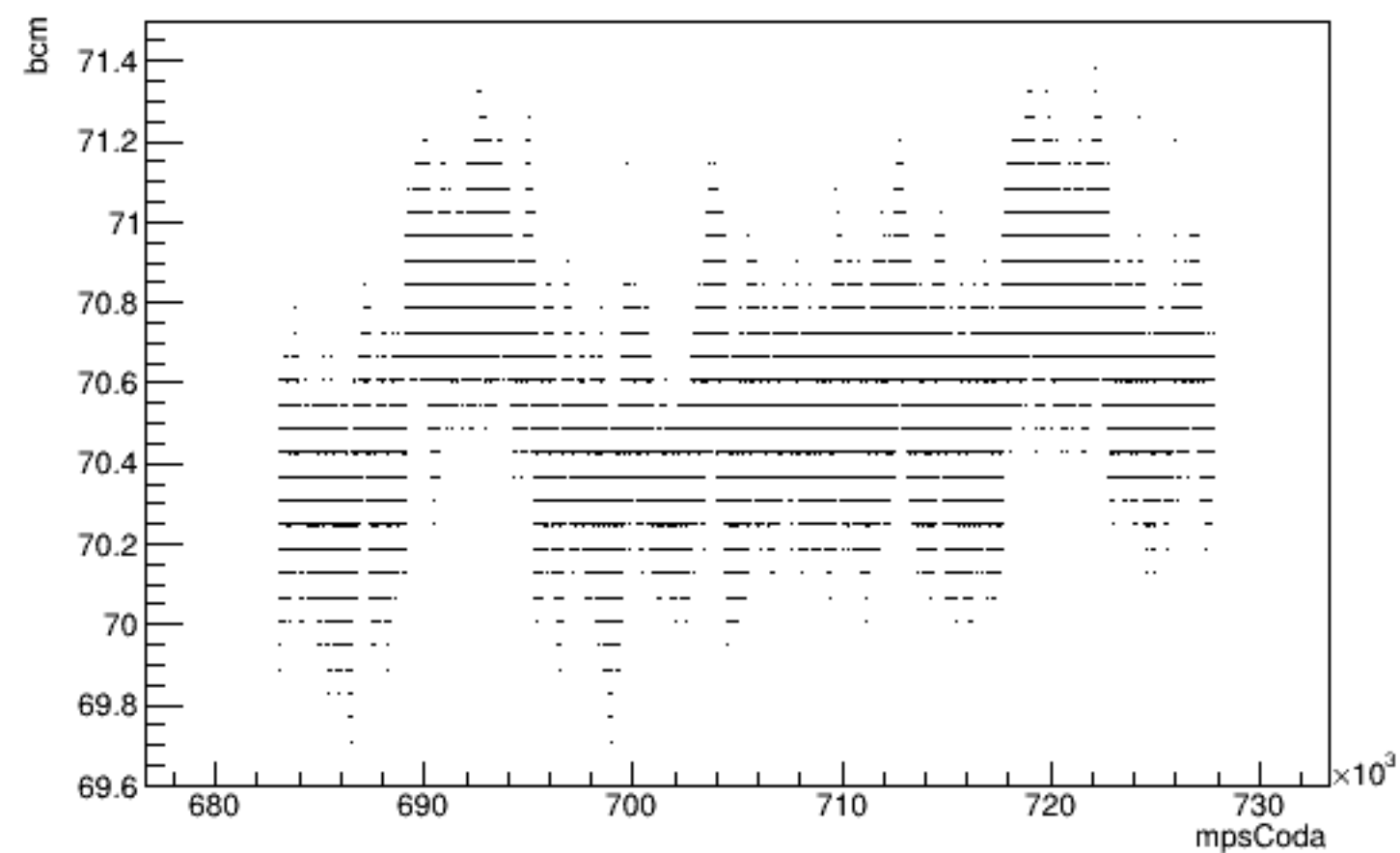
beamState + 1:mpsCoda {mpsCoda>=683047 && mpsCoda<=727774}



cavPowerCalibrated:mpsCoda {mpsCoda>=683047 && mpsCoda<=727774}



bcm:mpsCoda {mpsCoda>=683047 && mpsCoda<=727774}



Cycle 9, Diffs

Entries: 1159

Mean: 0.0051 +/- 0.0065

Std Dev: 0.2207 +/- 0.0046

Entries: 619

Mean: -0.1544 +/- 0.0135

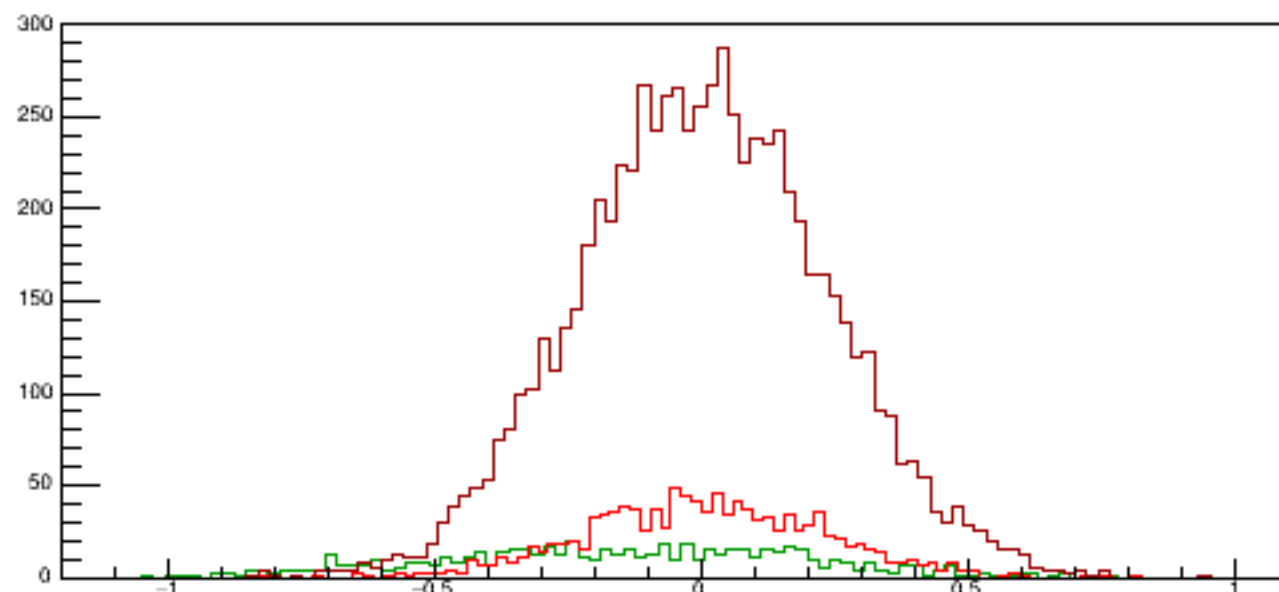
Std Dev: 0.3358 +/- 0.0095

Entries: 7363

Mean: 0.0026 +/- 0.0027

Std Dev: 0.2307 +/- 0.0019

Run 4530 quartetwise, Diffs



Cycle 9, Sums

Entries: 1159

Mean: 10.9596 +/- 0.0205

Std Dev: 0.6976 +/- 0.0145

Entries: 619

Mean: 20.9439 +/- 0.0246

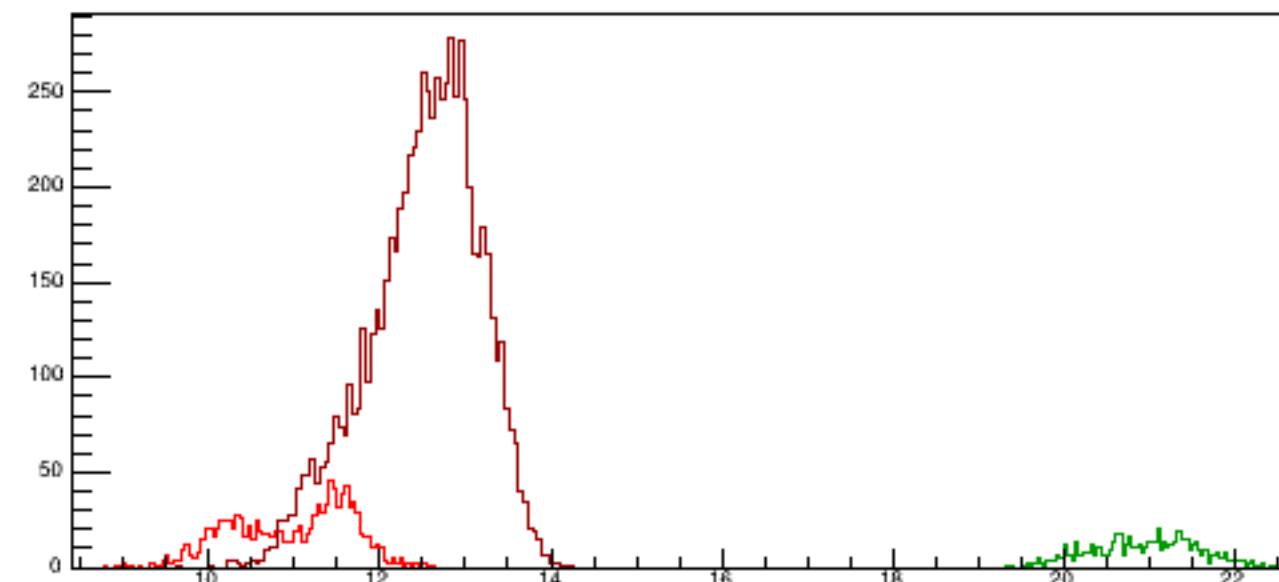
Std Dev: 0.6111 +/- 0.0174

Entries: 7363

Mean: 12.5113 +/- 0.0076

Std Dev: 0.6528 +/- 0.0054

Run 4530 quartetwise, Sums



Cycle 9, Asyms

Entries: 1159

Mean: 0.0006 +/- 0.0007

Std Dev: 0.0240 +/- 0.0005

Entries: 619

Mean: -0.0168 +/- 0.0015

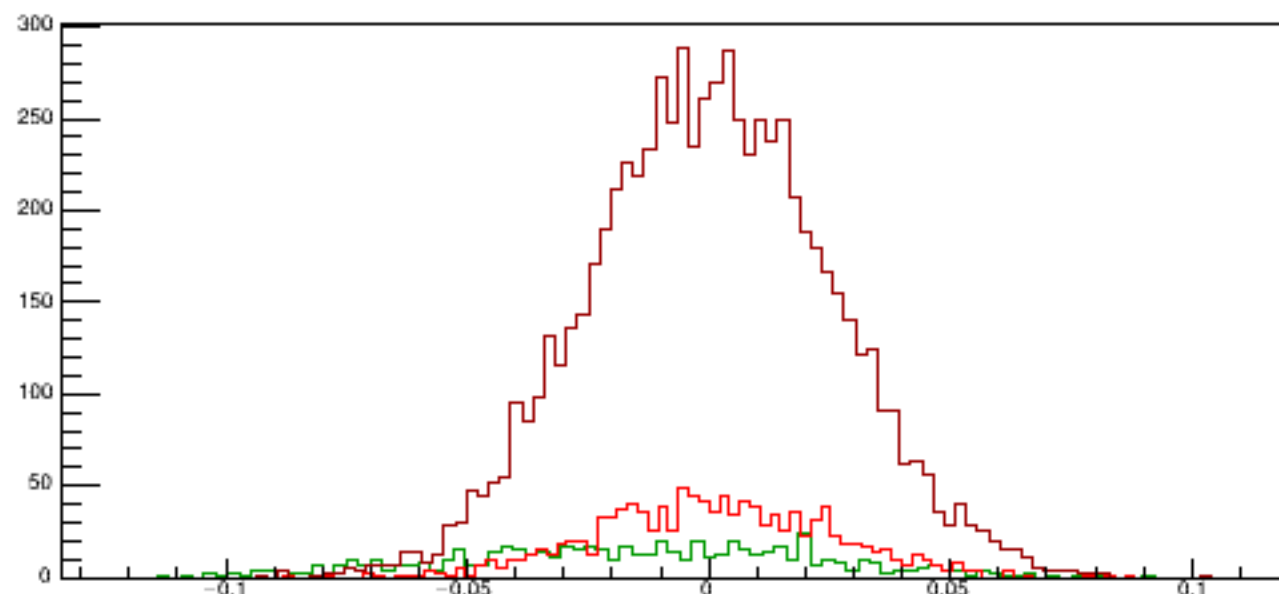
Std Dev: 0.0367 +/- 0.0010

Entries: 7363

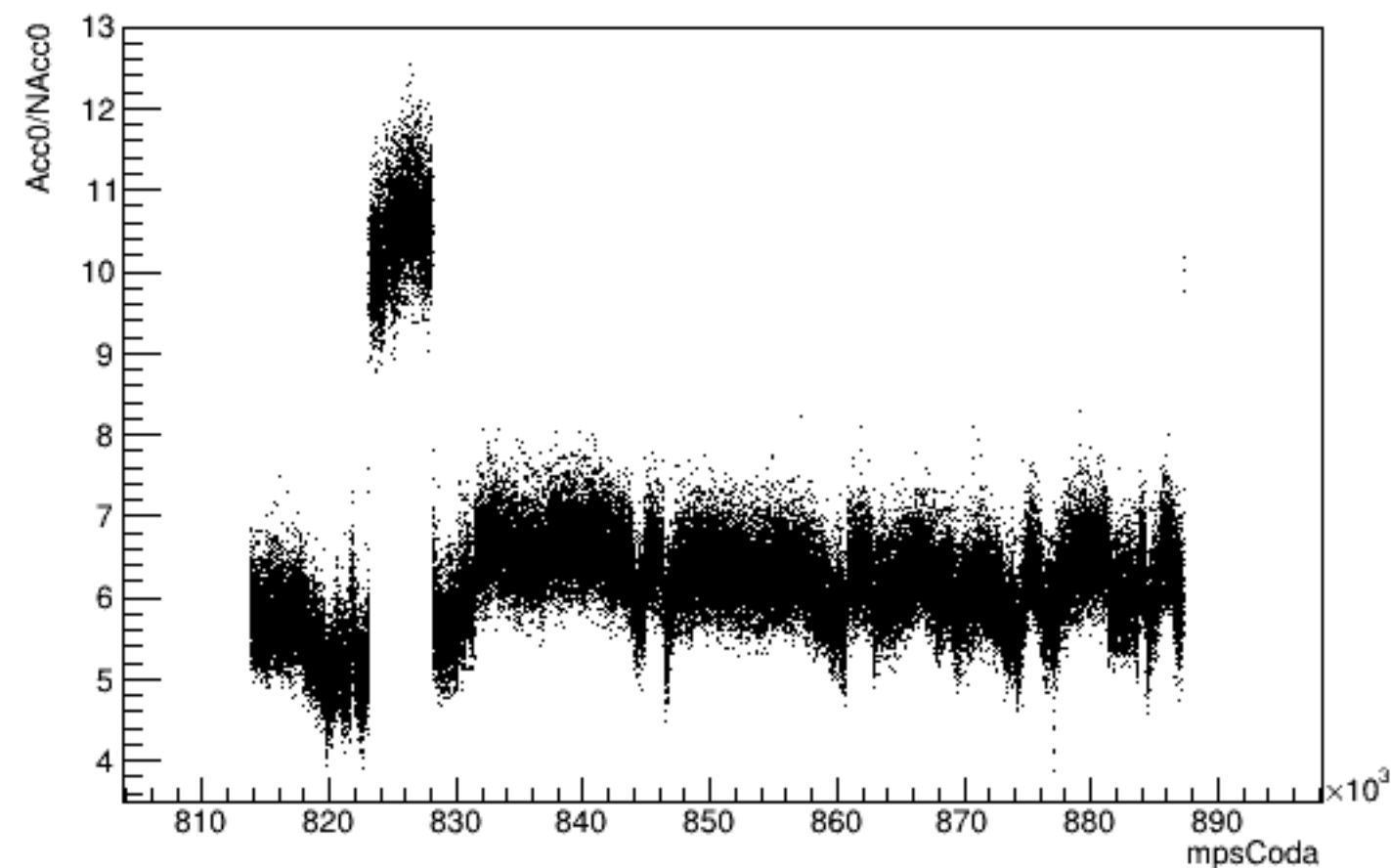
Mean: 0.0003 +/- 0.0003

Std Dev: 0.0251 +/- 0.0002

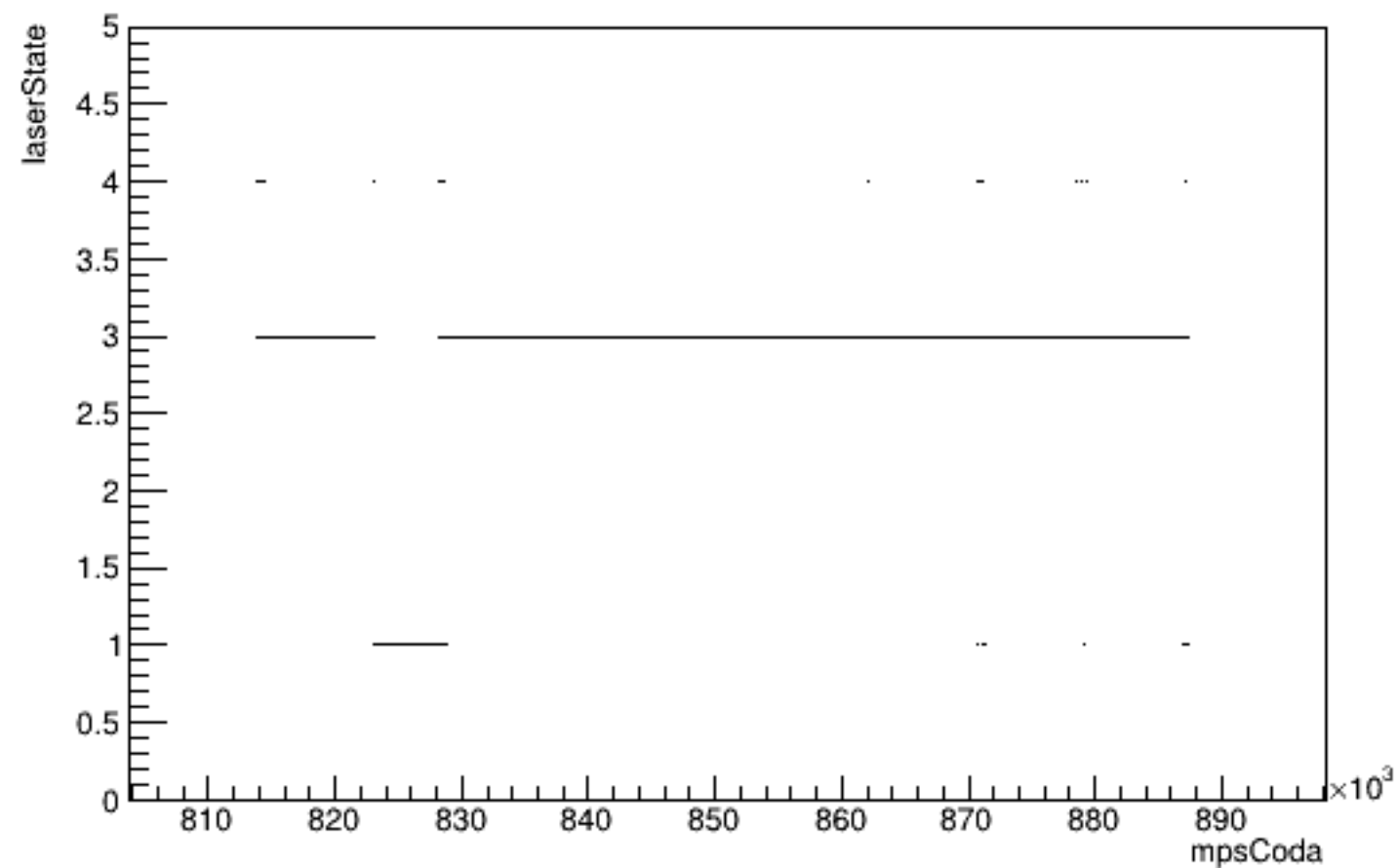
Run 4530 quartetwise, Asyms



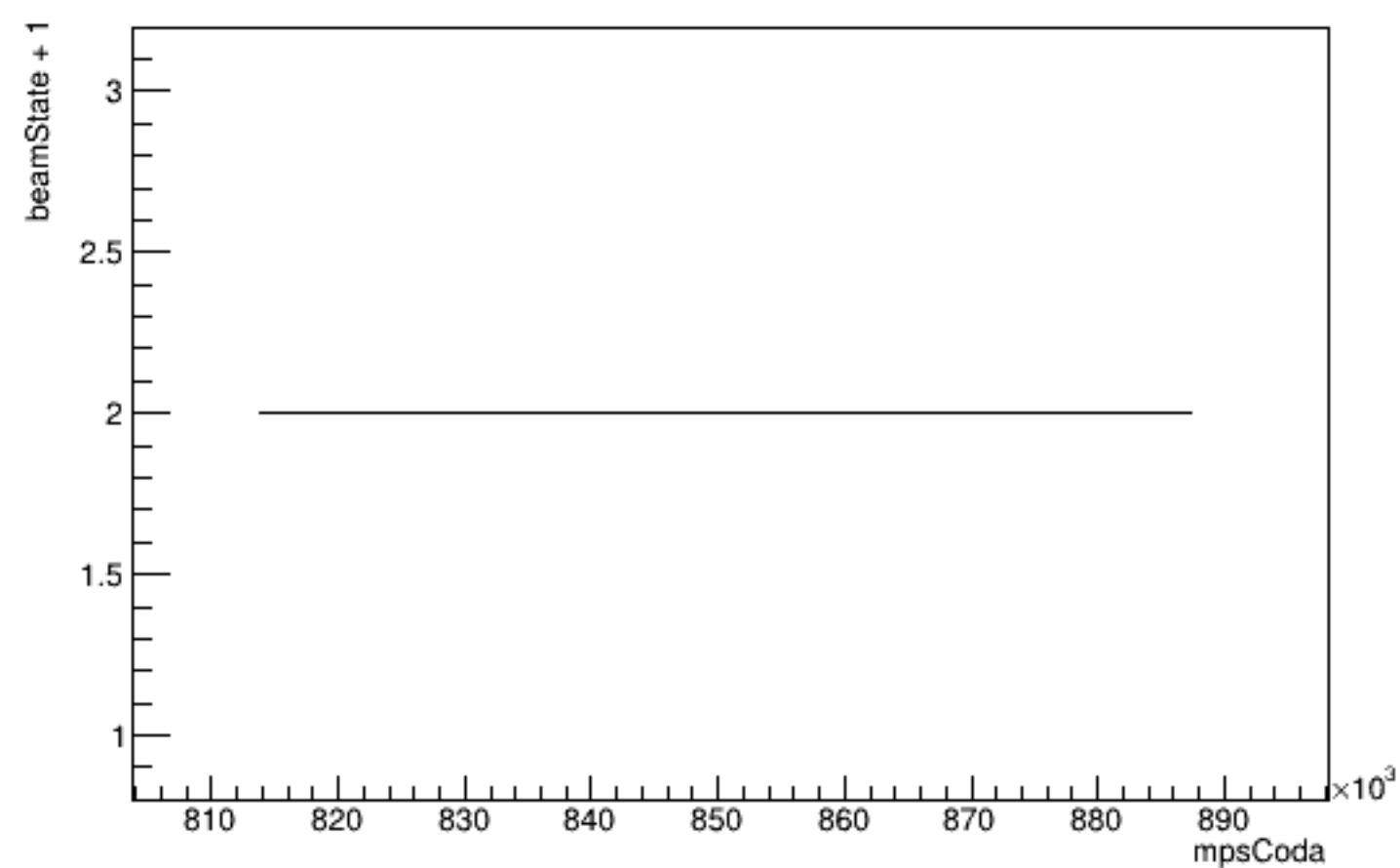
Acc0/NAcc0:mpsCoda {mpsCoda>=813791 && mpsCoda<=887286 && beamState==1}



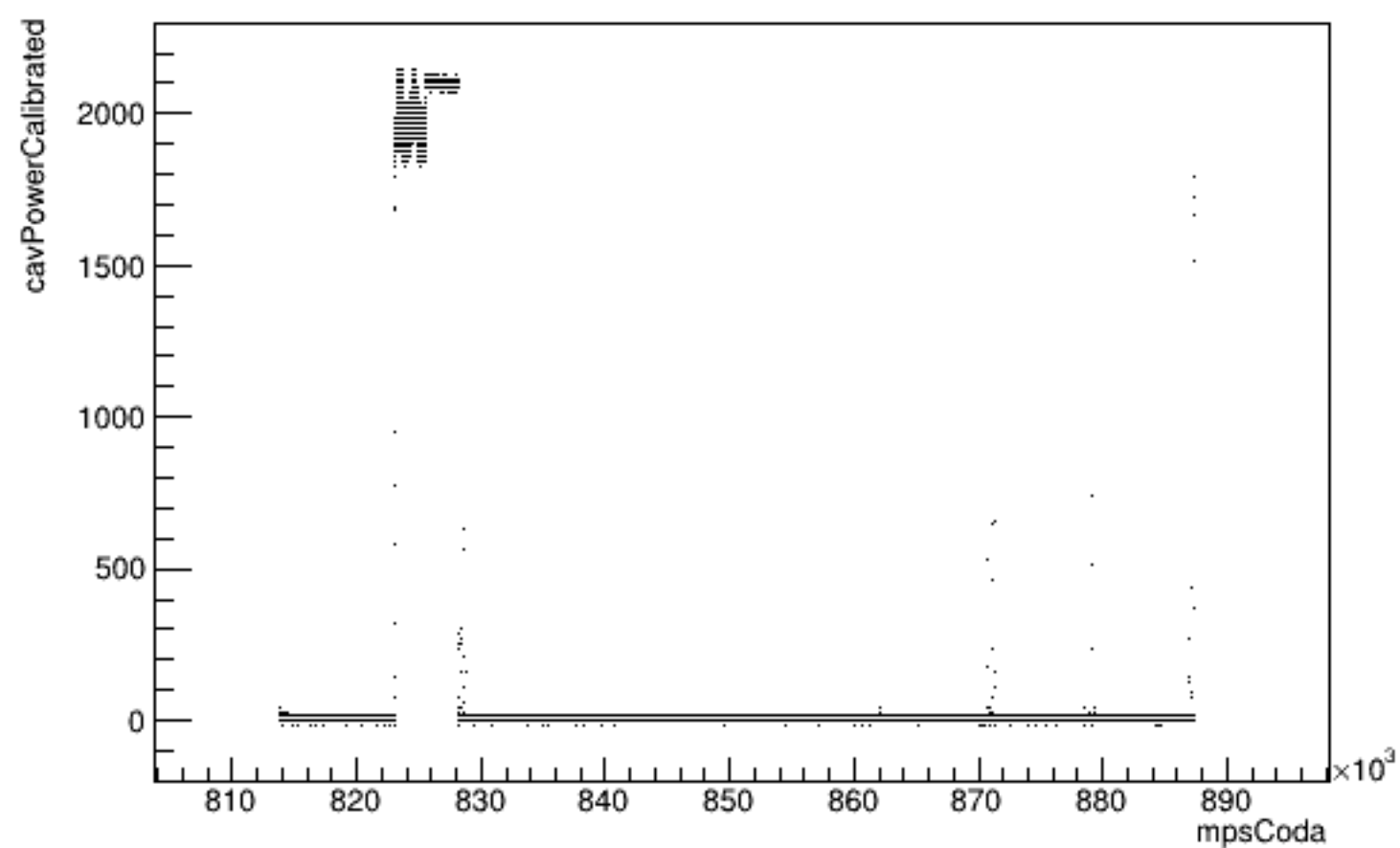
laserState:mpsCoda {mpsCoda>=813791 && mpsCoda<=887286}



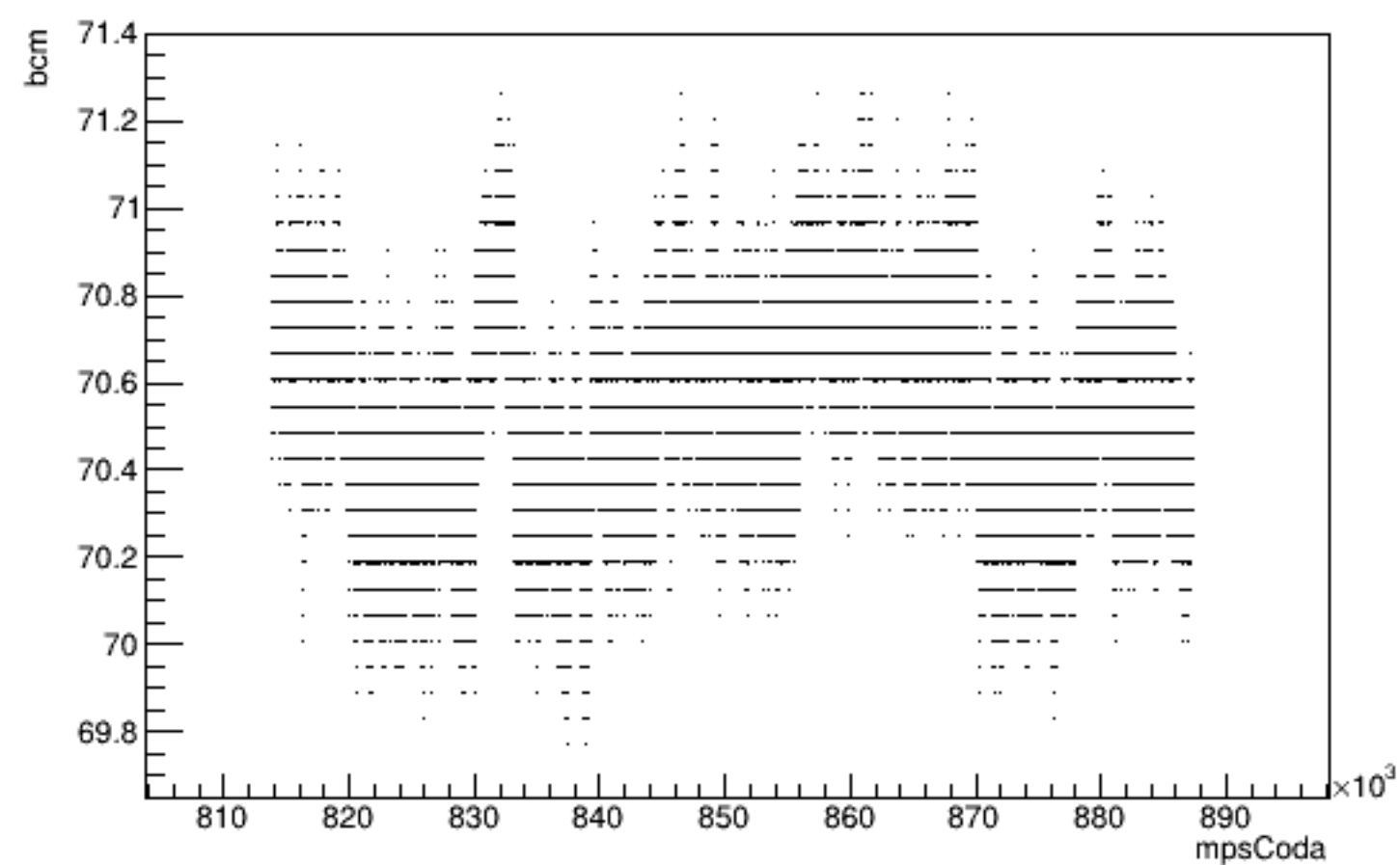
beamState + 1:mpsCoda {mpsCoda>=813791 && mpsCoda<=887286}



cavPowerCalibrated:mpsCoda {mpsCoda>=813791 && mpsCoda<=887286}



bcm:mpsCoda {mpsCoda>=813791 && mpsCoda<=887286}



Cycle 10, Diffs

Entries: 7363

Mean: 0.0026 +/- 0.0027

Std Dev: 0.2307 +/- 0.0019

Entries: 4836

Mean: -0.1491 +/- 0.0046

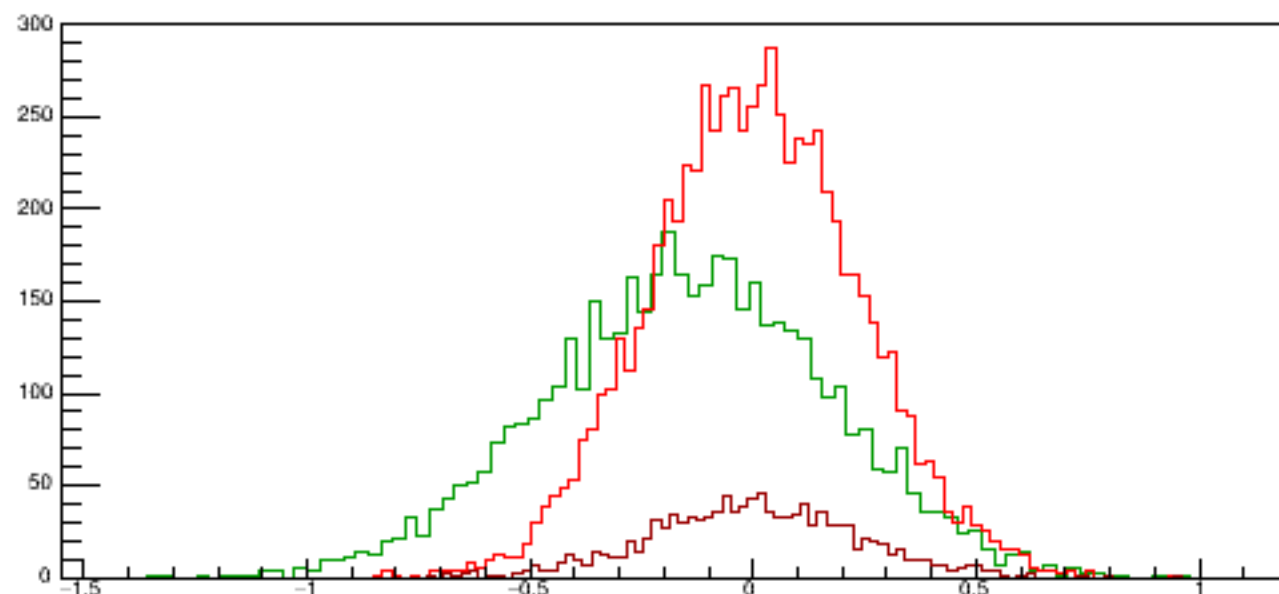
Std Dev: 0.3172 +/- 0.0032

Entries: 1135

Mean: 0.0004 +/- 0.0068

Std Dev: 0.2302 +/- 0.0048

Run 4530 quartetwise, Diffs



Cycle 10, Sums

Entries: 7363

Mean: 12.5113 +/- 0.0076

Std Dev: 0.6528 +/- 0.0054

Entries: 4836

Mean: 21.6538 +/- 0.0135

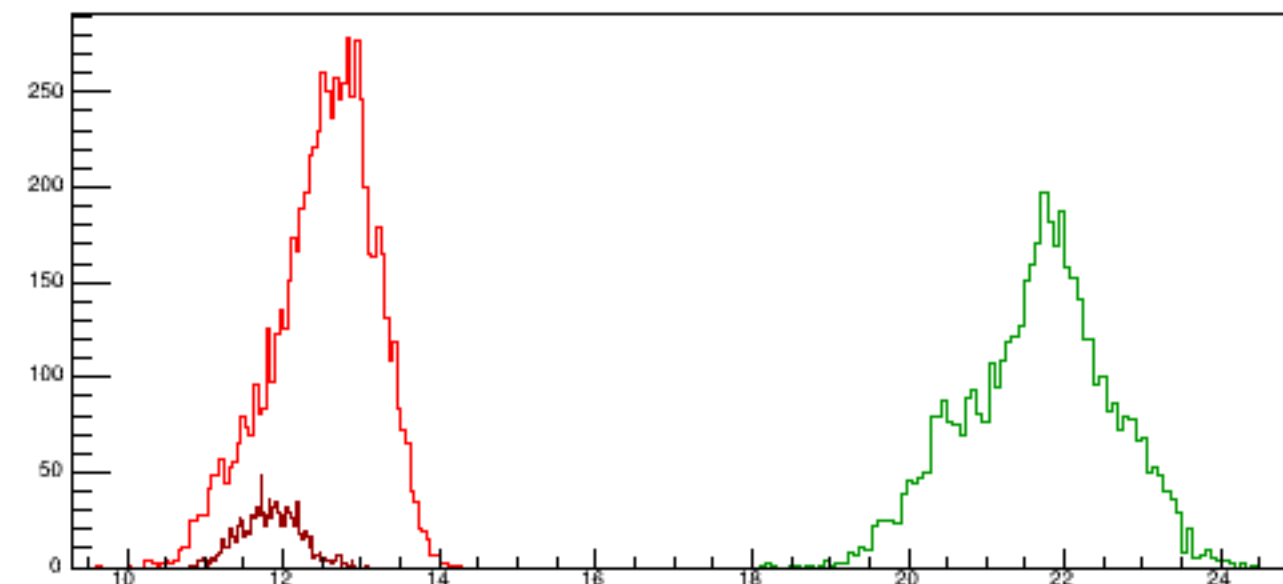
Std Dev: 0.9375 +/- 0.0095

Entries: 1135

Mean: 11.8326 +/- 0.0114

Std Dev: 0.3843 +/- 0.0081

Run 4530 quartetwise, Sums



Cycle 10, Asyms

Entries: 7363

Mean: 0.0003 +/- 0.0003

Std Dev: 0.0243 +/- 0.0002

Entries: 4836

Mean: -0.0158 +/- 0.0005

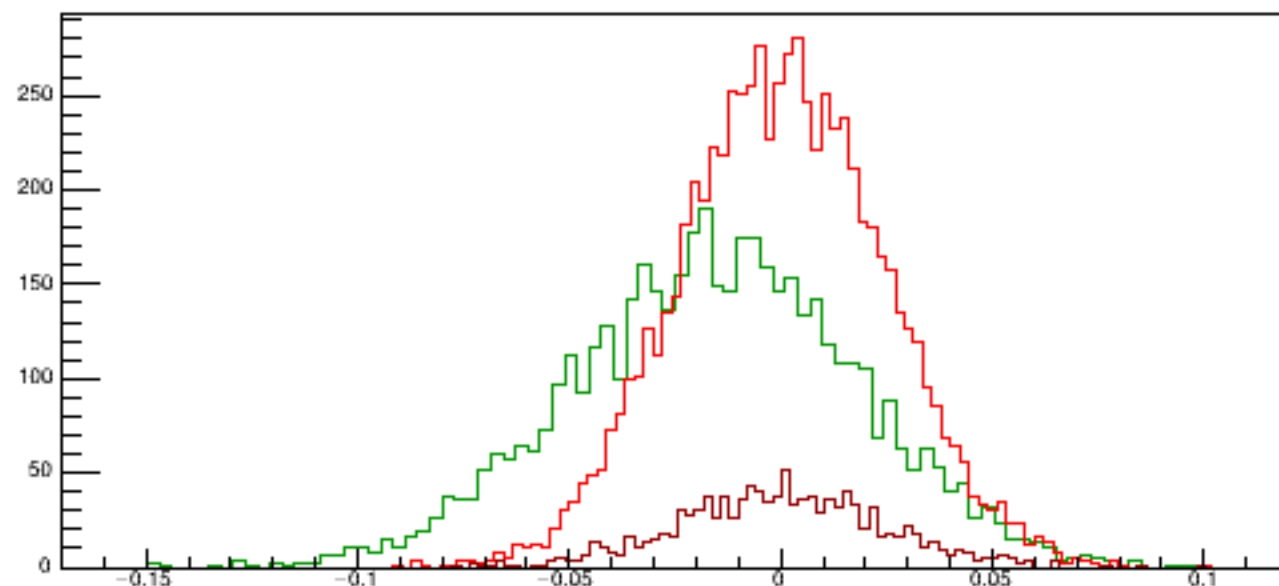
Std Dev: 0.0339 +/- 0.0003

Entries: 1135

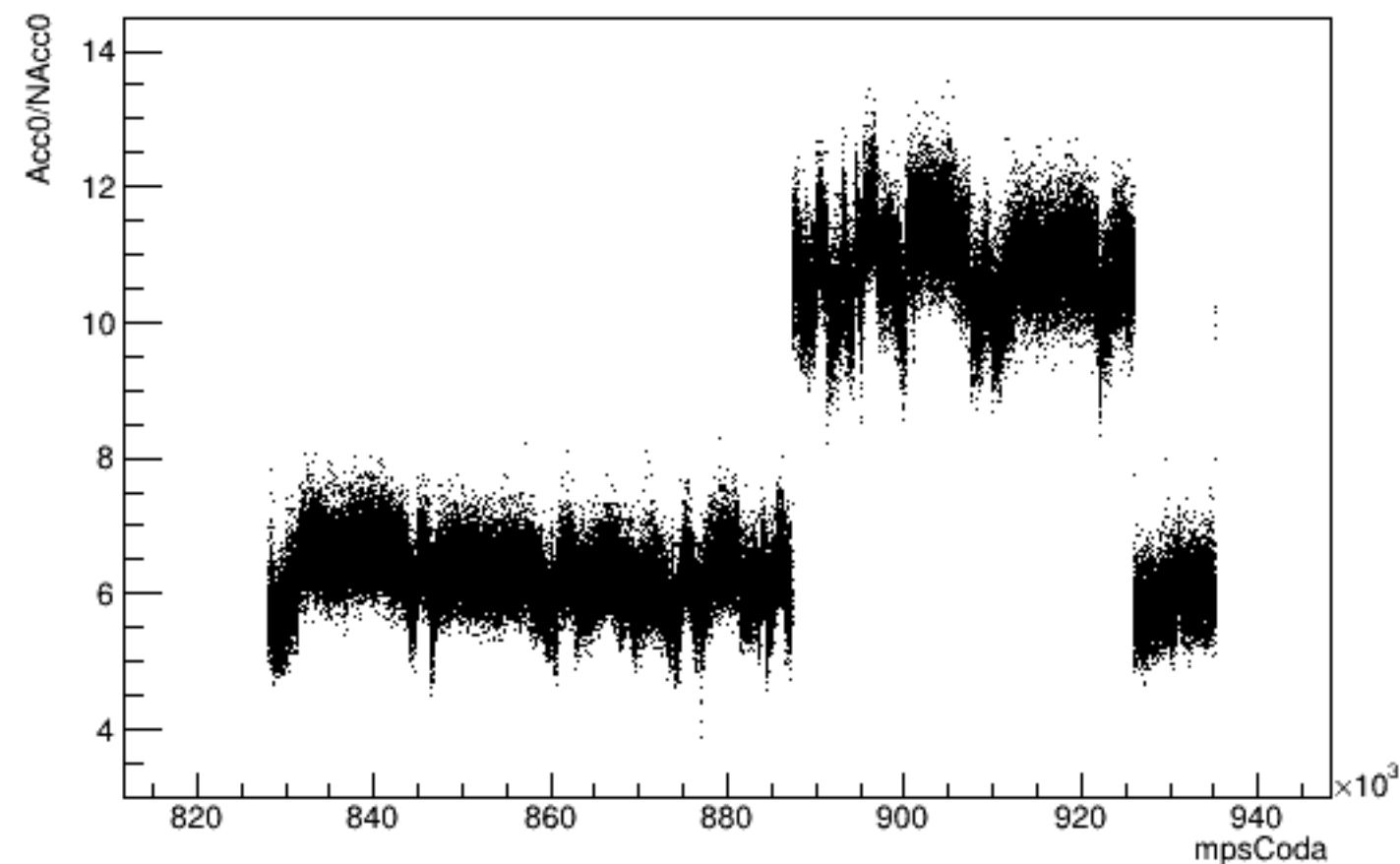
Mean: 0.0000 +/- 0.0007

Std Dev: 0.0243 +/- 0.0005

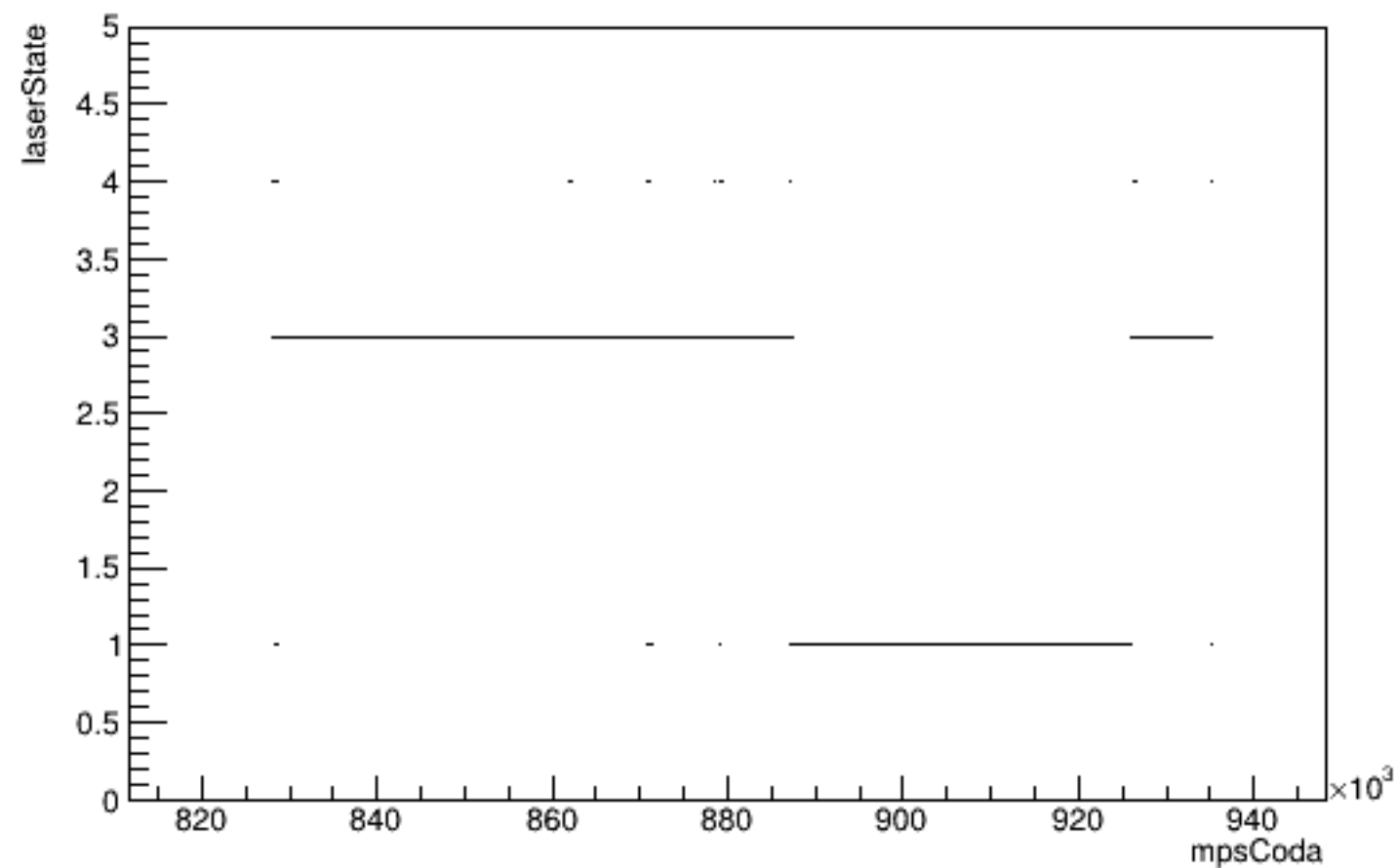
Run 4530 quartetwise, Asyms



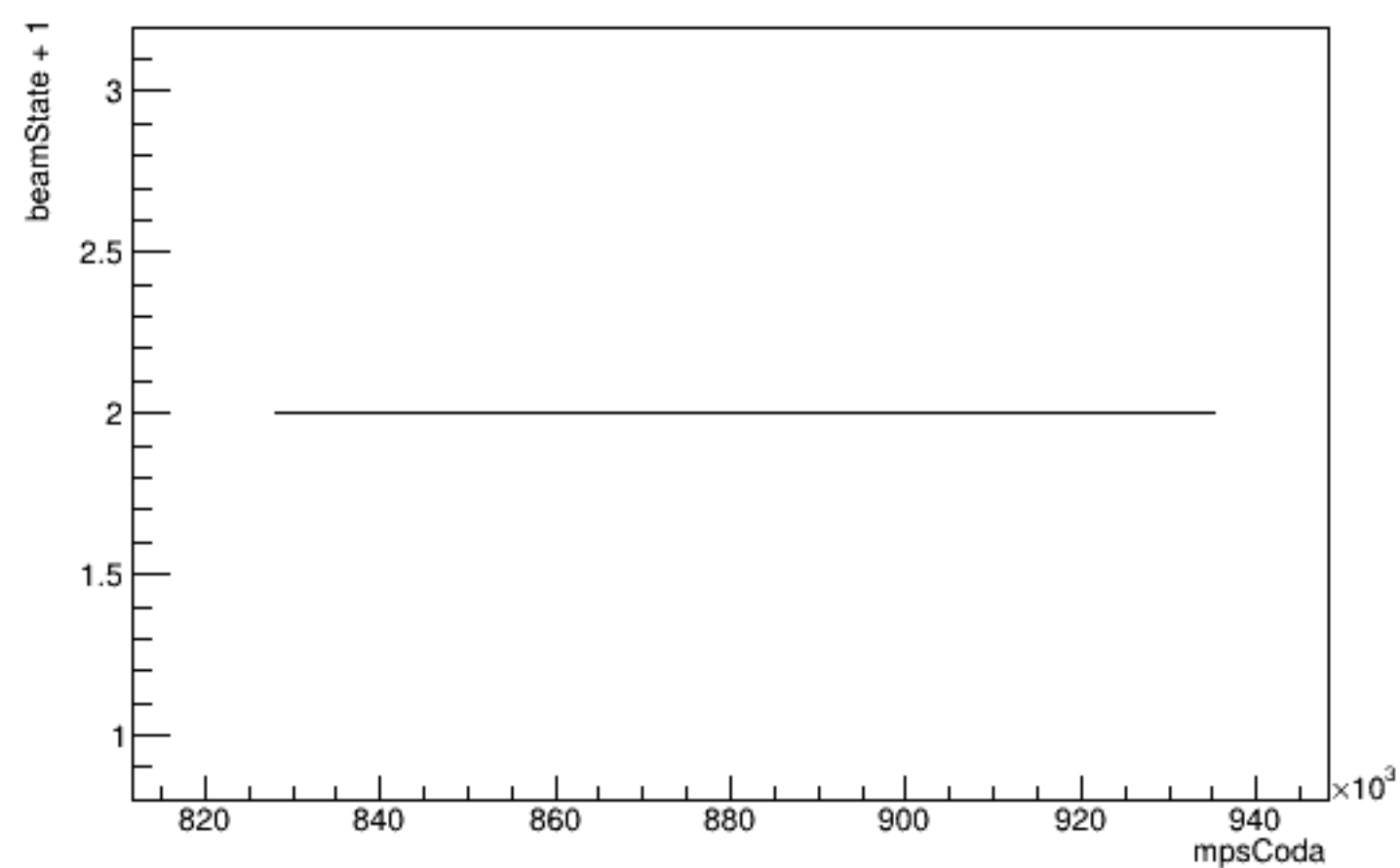
Acc0/NAcc0:mpsCoda {mpsCoda>=828103 && mpsCoda<=935102 && beamState==1}



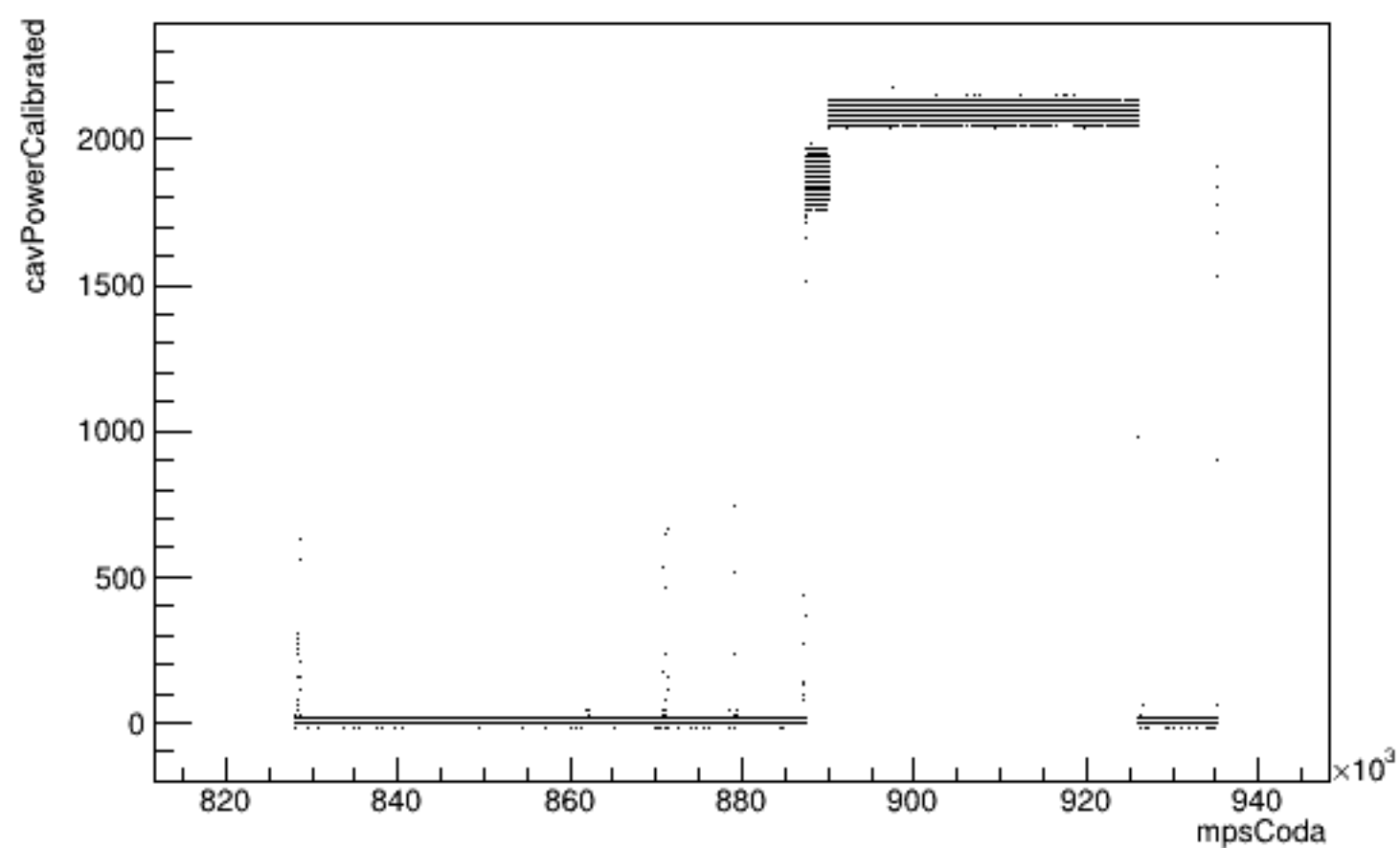
laserState:mpsCoda {mpsCoda>=828103 && mpsCoda<=935102}



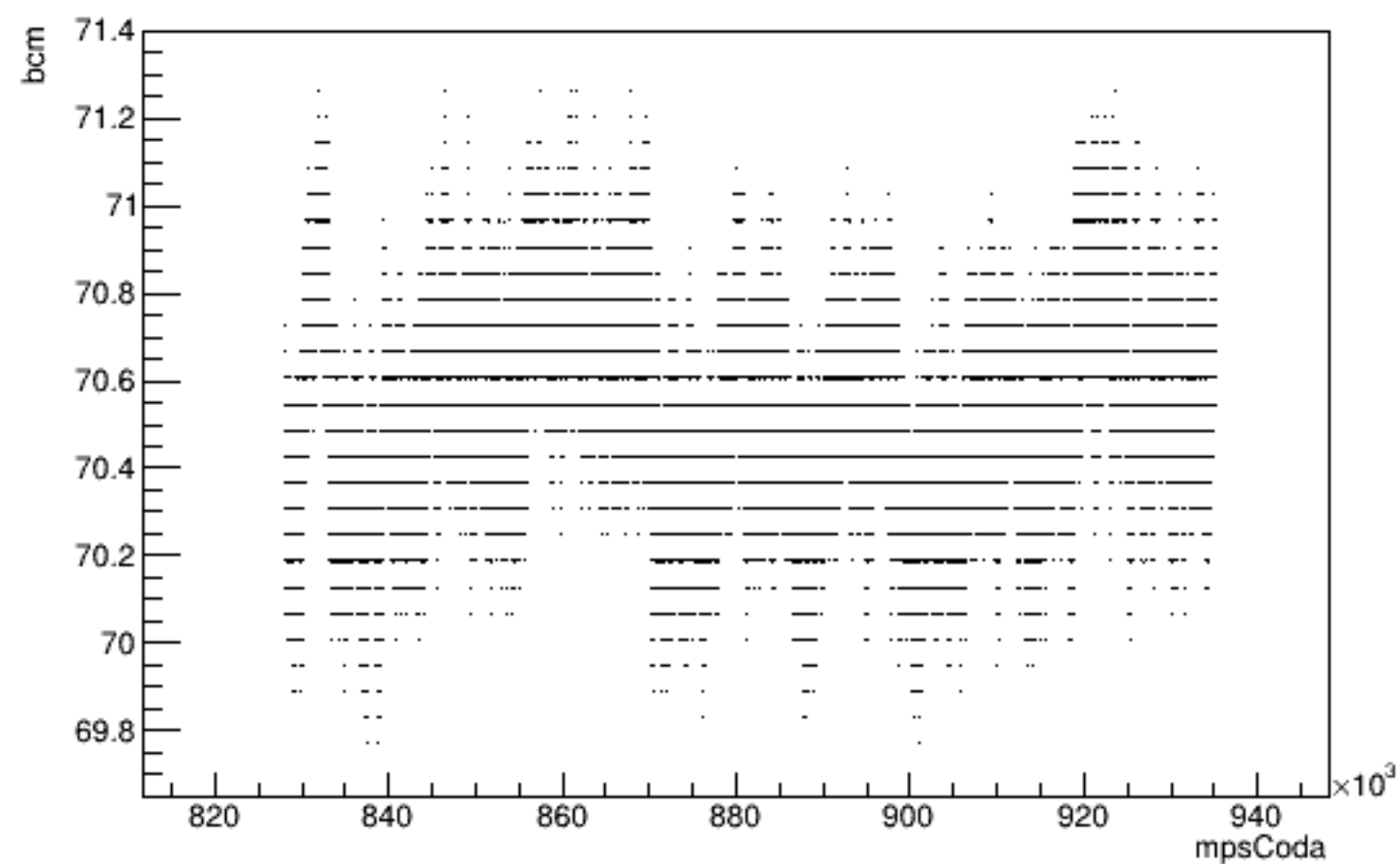
beamState + 1:mpsCoda {mpsCoda>=828103 && mpsCoda<=935102}



cavPowerCalibrated:mpsCoda {mpsCoda>=828103 && mpsCoda<=935102}



bcm:mpsCoda {mpsCoda>=828103 && mpsCoda<=935102}



Cycle 11, Diffs

Entries: 1135

Mean: 0.0004 +/- 0.0068

Std Dev: 0.2302 +/- 0.0048

Entries: 4714

Mean: -0.1496 +/- 0.0046

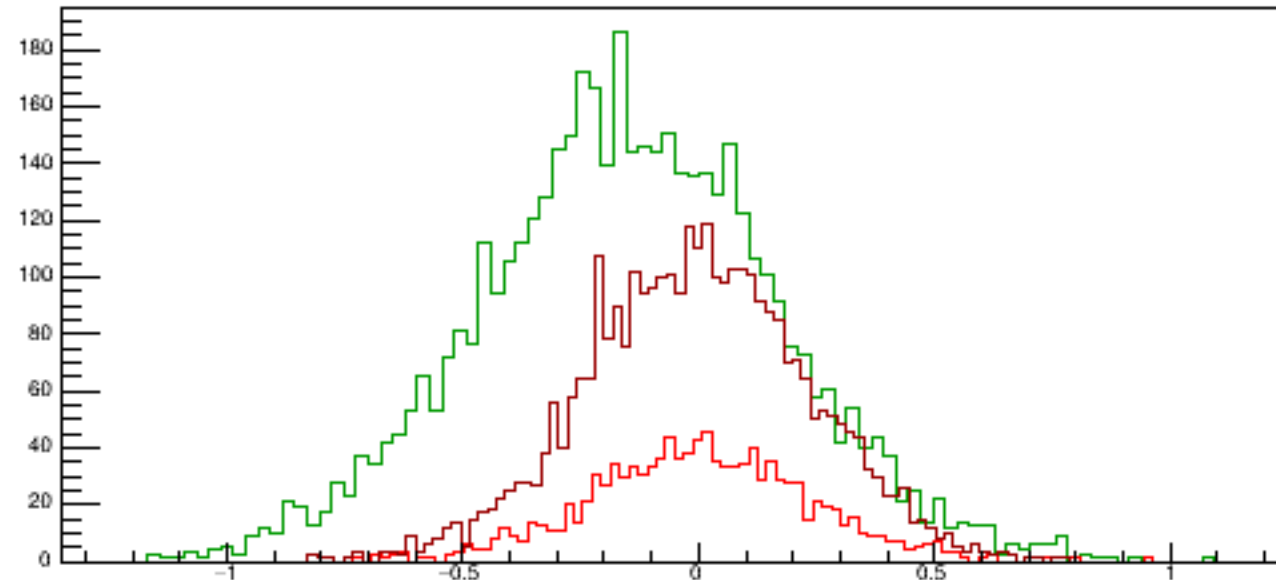
Std Dev: 0.3173 +/- 0.0033

Entries: 3347

Mean: -0.0043 +/- 0.0041

Std Dev: 0.2347 +/- 0.0029

Run 4530 quartetwise, Diffs



Cycle 11, Sums

Entries: 1135

Mean: 11.8326 +/- 0.0114

Std Dev: 0.3843 +/- 0.0081

Entries: 4714

Mean: 22.4049 +/- 0.0075

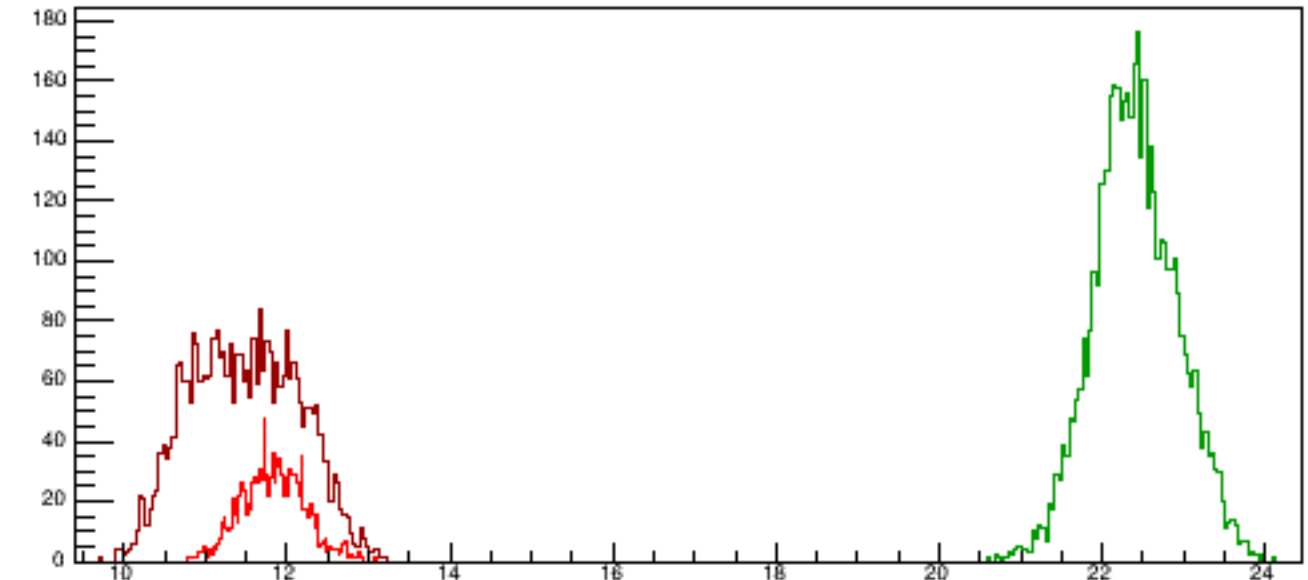
Std Dev: 0.5121 +/- 0.0053

Entries: 3347

Mean: 11.4748 +/- 0.0114

Std Dev: 0.6590 +/- 0.0081

Run 4530 quartetwise, Sums



Cycle 11, Asyms

Entries: 1135

Mean: 0.0000 +/- 0.0006

Std Dev: 0.0214 +/- 0.0004

Entries: 4714

Mean: -0.0139 +/- 0.0004

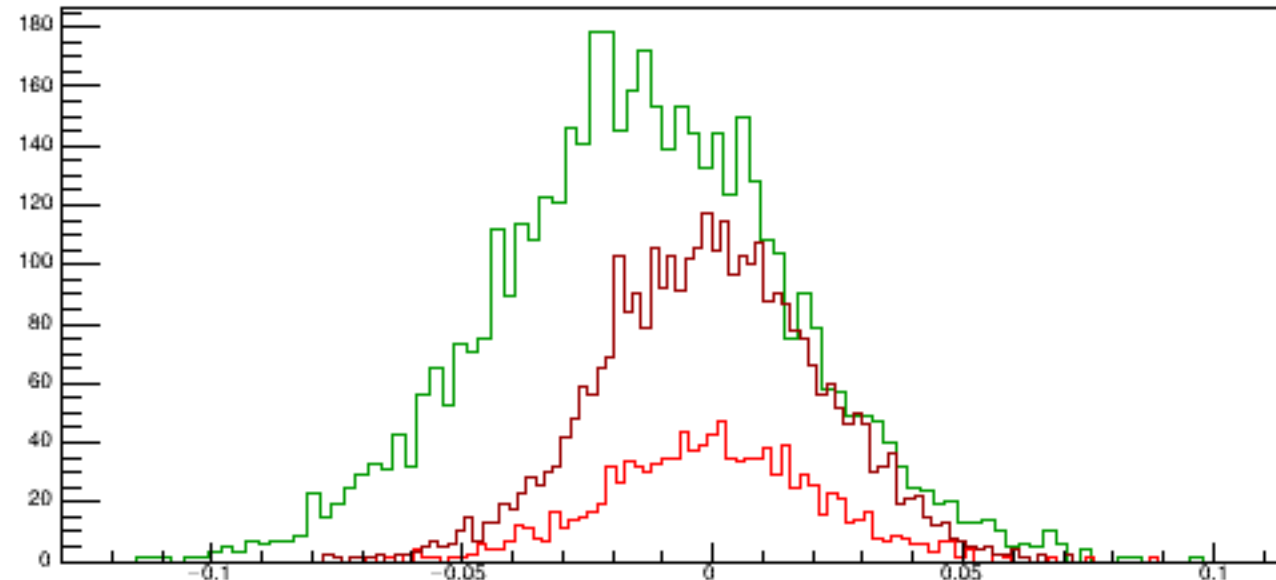
Std Dev: 0.0295 +/- 0.0003

Entries: 3347

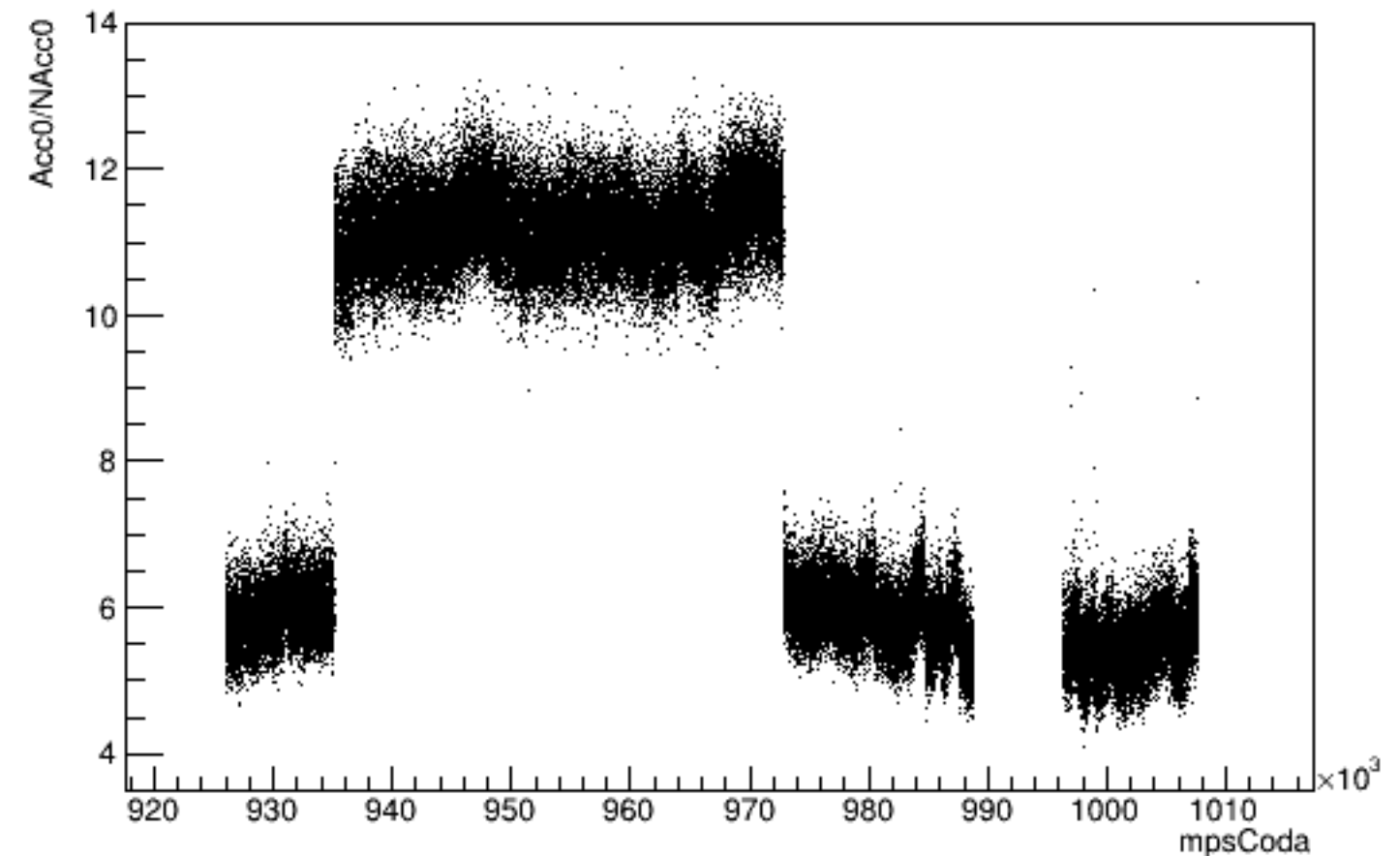
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0218 +/- 0.0003

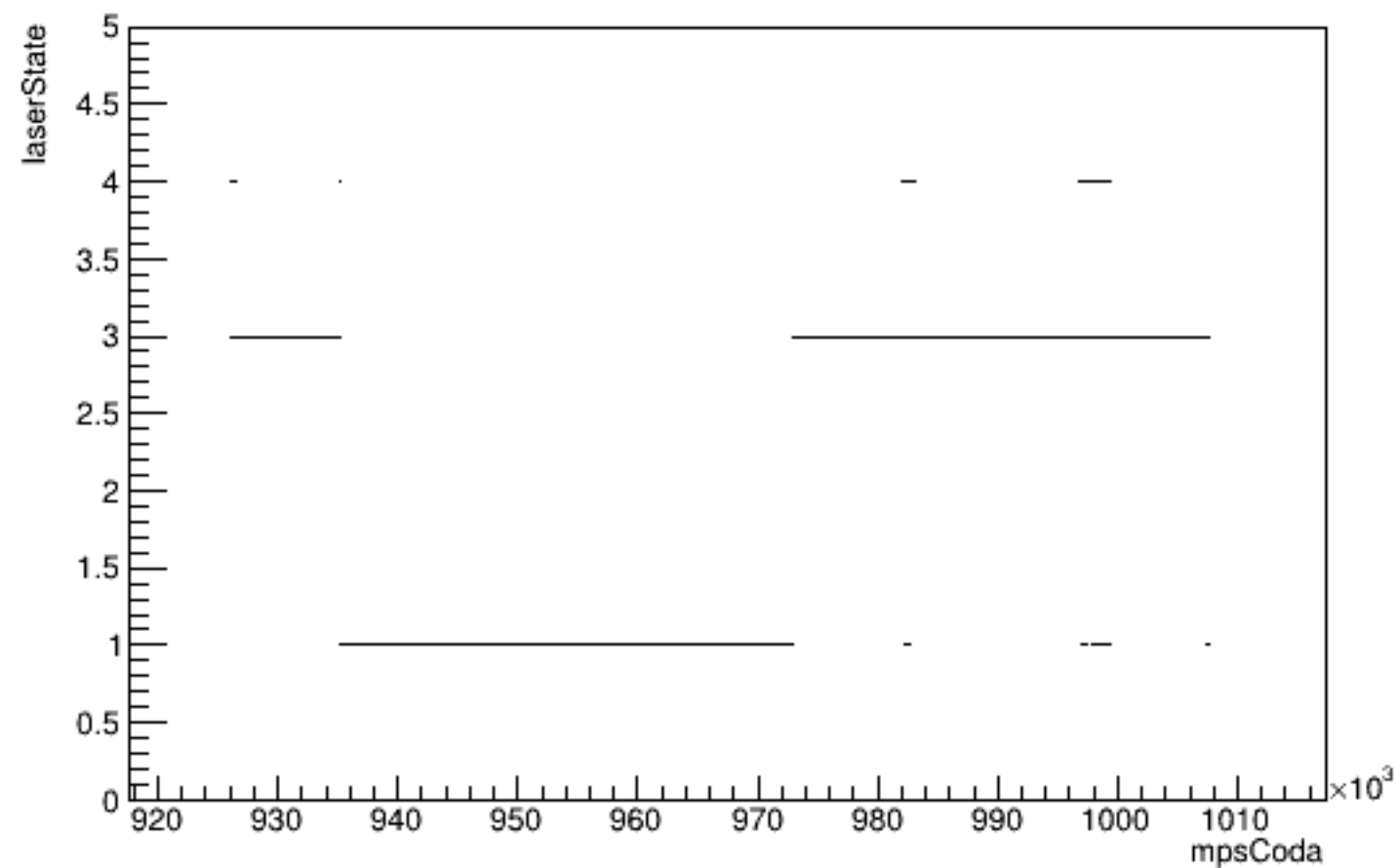
Run 4530 quartetwise, Asyms



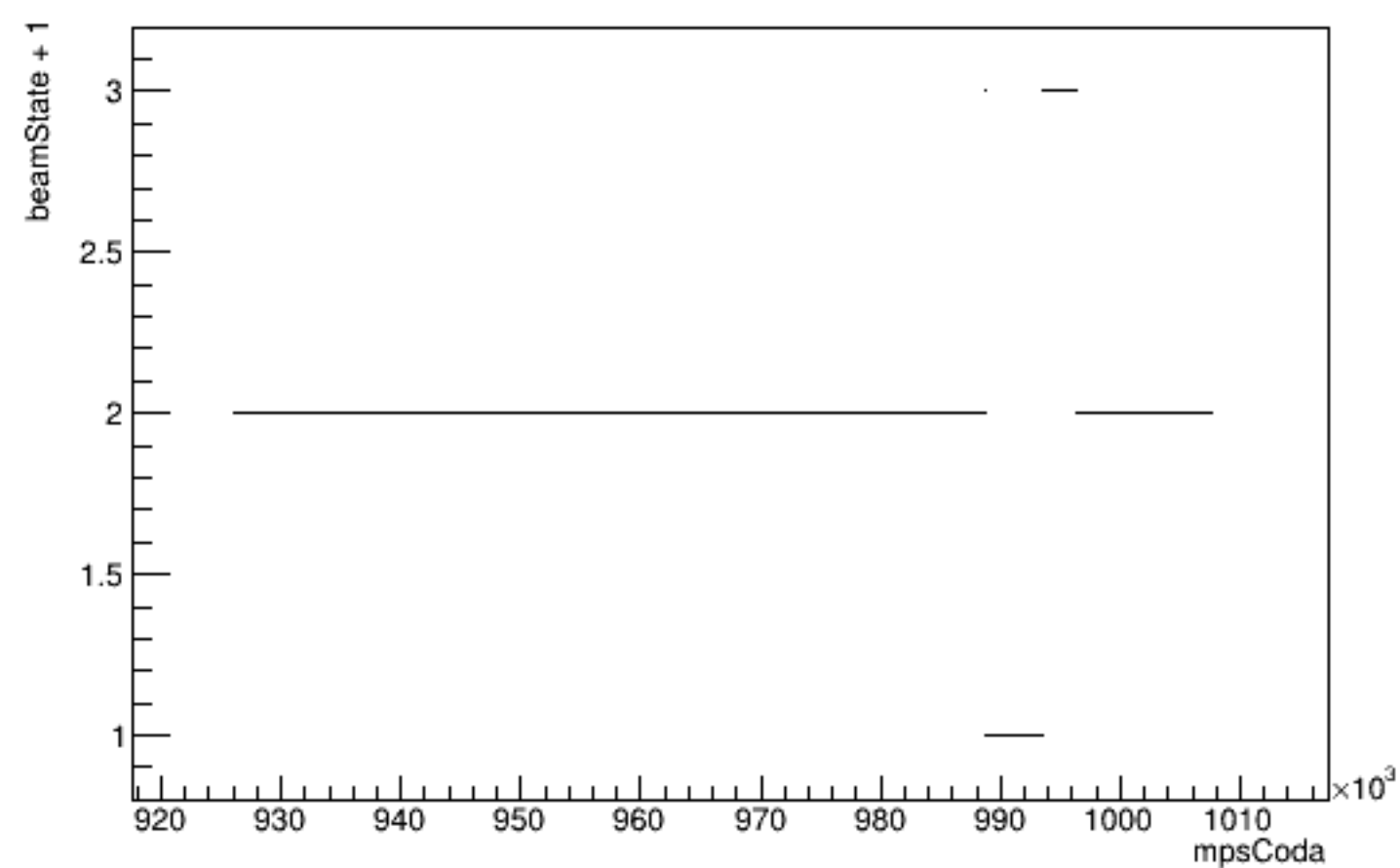
Acc0/NAcc0:mpsCoda (mpsCoda>=925983 && mpsCoda<=1007678 && beamState==1)



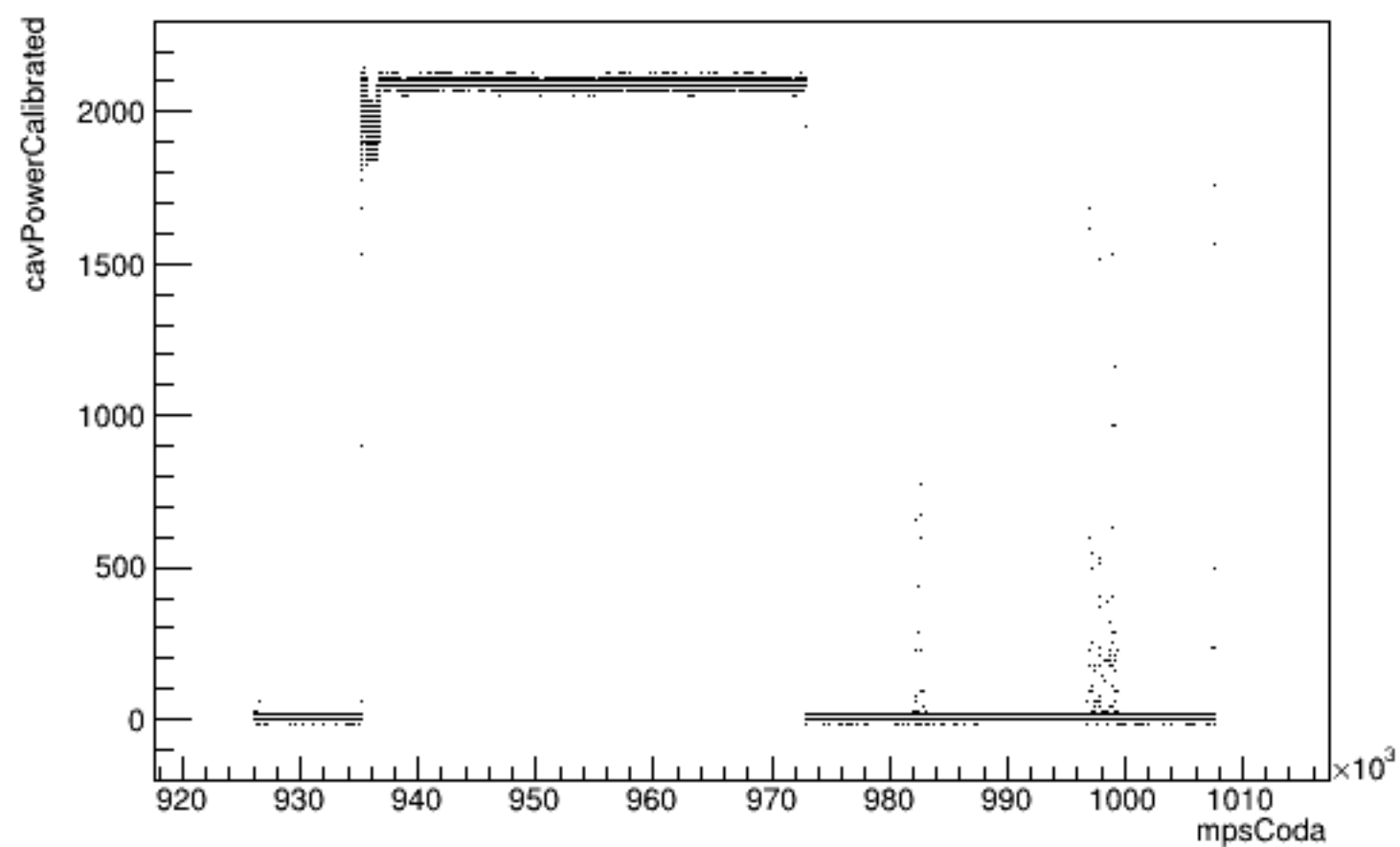
laserState:mpsCoda {mpsCoda>=925983 && mpsCoda<=1007678}



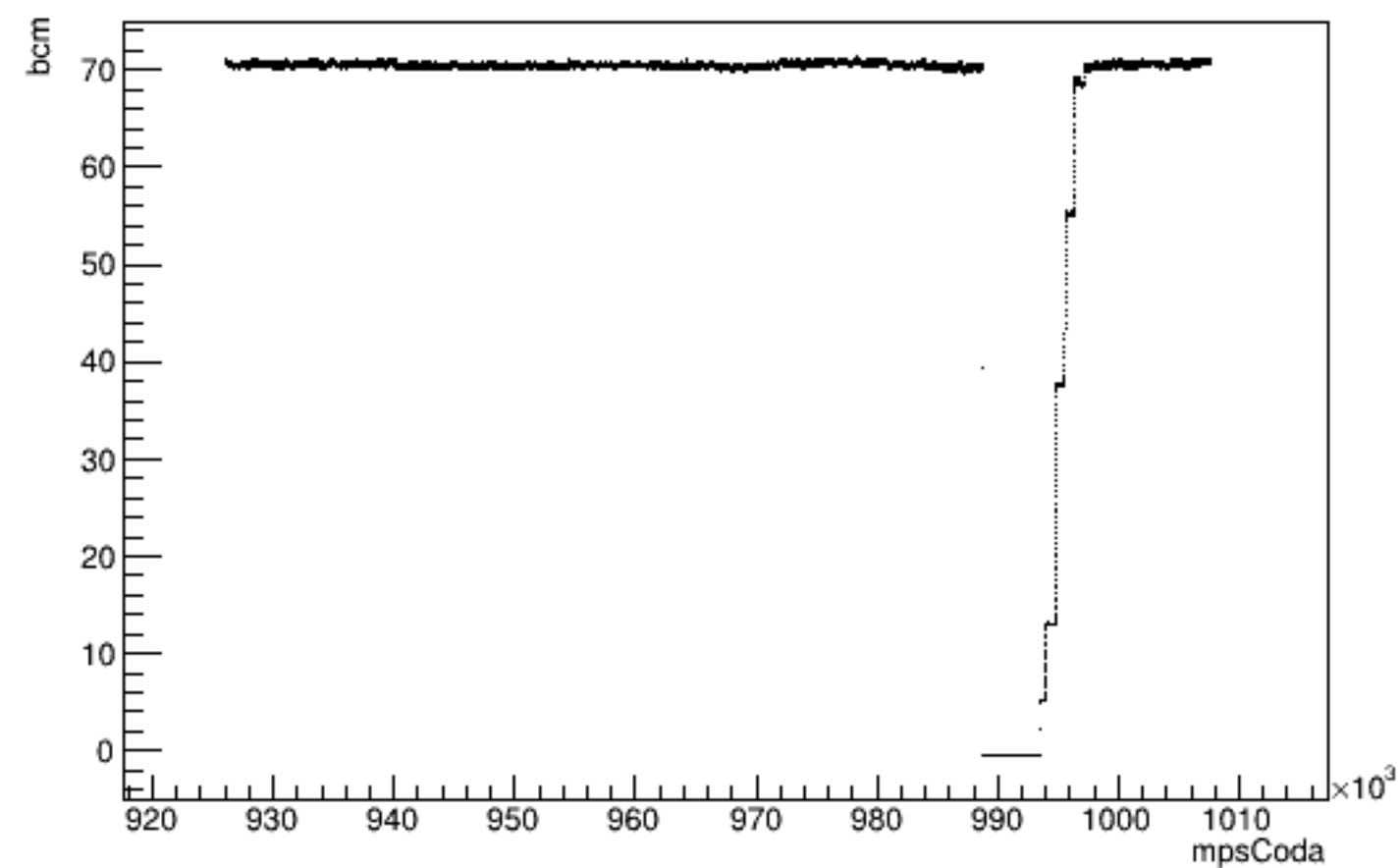
beamState + 1:mpsCoda {mpsCoda>=925983 && mpsCoda<=1007678}



cavPowerCalibrated:mpsCoda {mpsCoda>=925983 && mpsCoda<=1007678}



bcm:mpsCoda {mpsCoda>=925983 && mpsCoda<=1007678}



Cycle 12, Diffs

Entries: 3347

Mean: -0.0043 +/- 0.0041

Std Dev: 0.2347 +/- 0.0029

Entries: 4784

Mean: -0.1428 +/- 0.0045

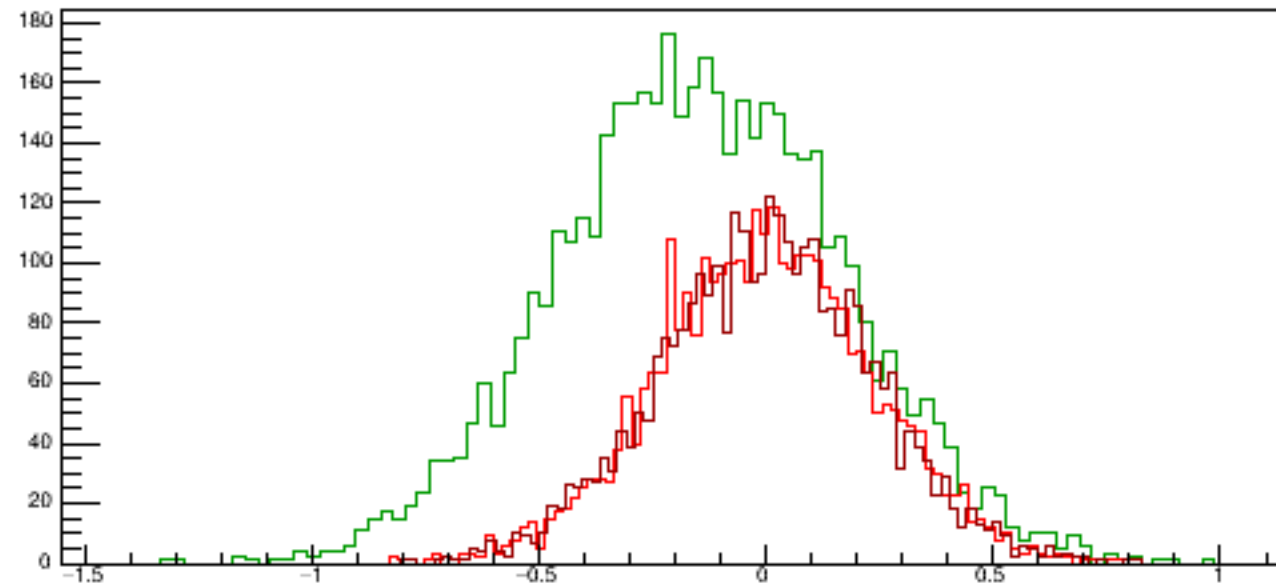
Std Dev: 0.3109 +/- 0.0032

Entries: 3274

Mean: -0.0015 +/- 0.0041

Std Dev: 0.2337 +/- 0.0029

Run 4530 quartetwise, Diffs



Cycle 12, Sums

Entries: 3347

Mean: 11.4748 +/- 0.0114

Std Dev: 0.6590 +/- 0.0081

Entries: 4784

Mean: 20.4126 +/- 0.0081

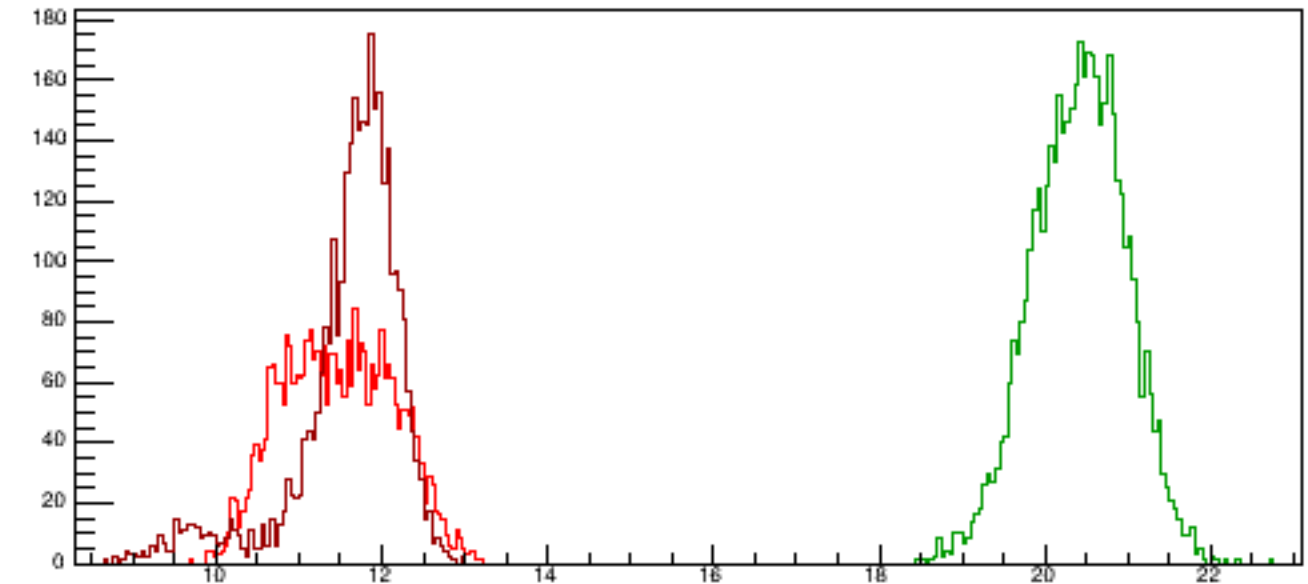
Std Dev: 0.5614 +/- 0.0057

Entries: 3274

Mean: 11.6064 +/- 0.0116

Std Dev: 0.6626 +/- 0.0082

Run 4530 quartetwise, Sums



Cycle 12, Asyms

Entries: 3347

Mean: -0.0005 +/- 0.0005

Std Dev: 0.0265 +/- 0.0003

Entries: 4784

Mean: -0.0161 +/- 0.0005

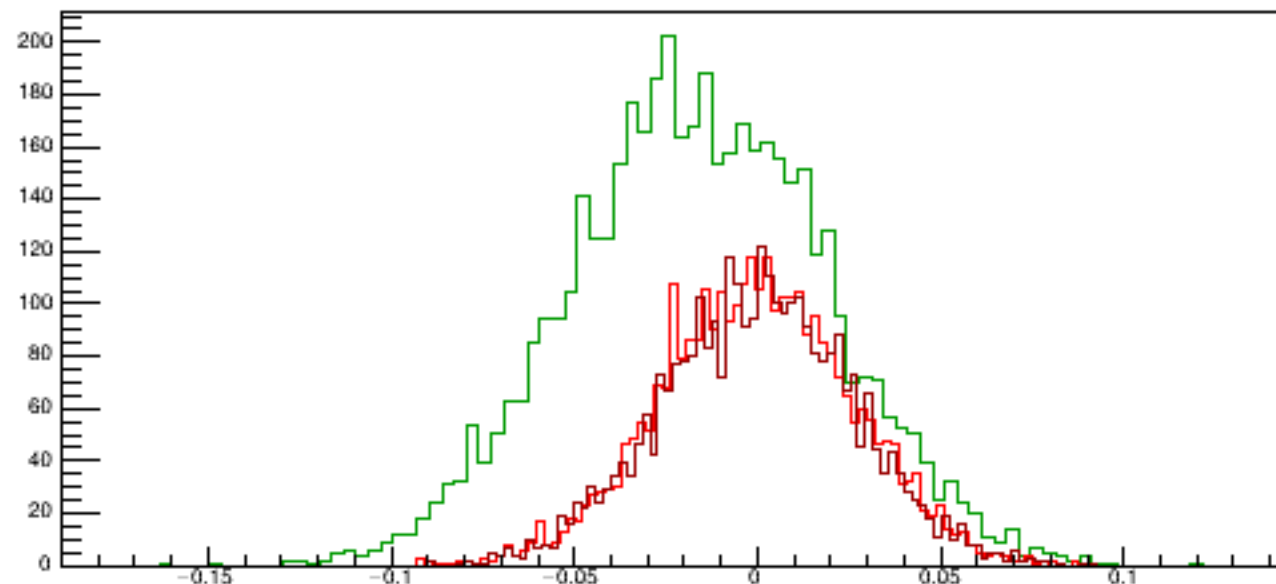
Std Dev: 0.0352 +/- 0.0004

Entries: 3274

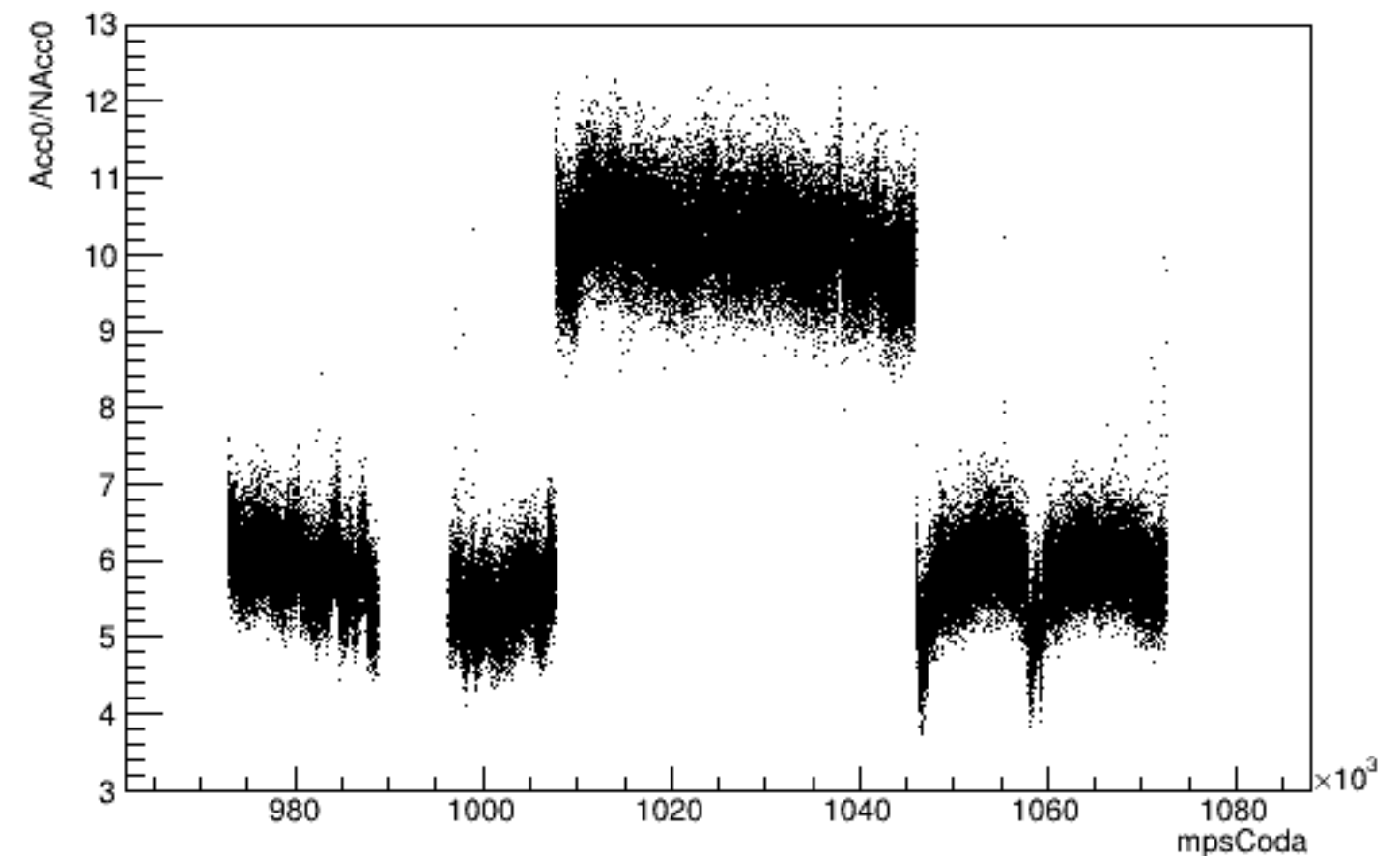
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0263 +/- 0.0003

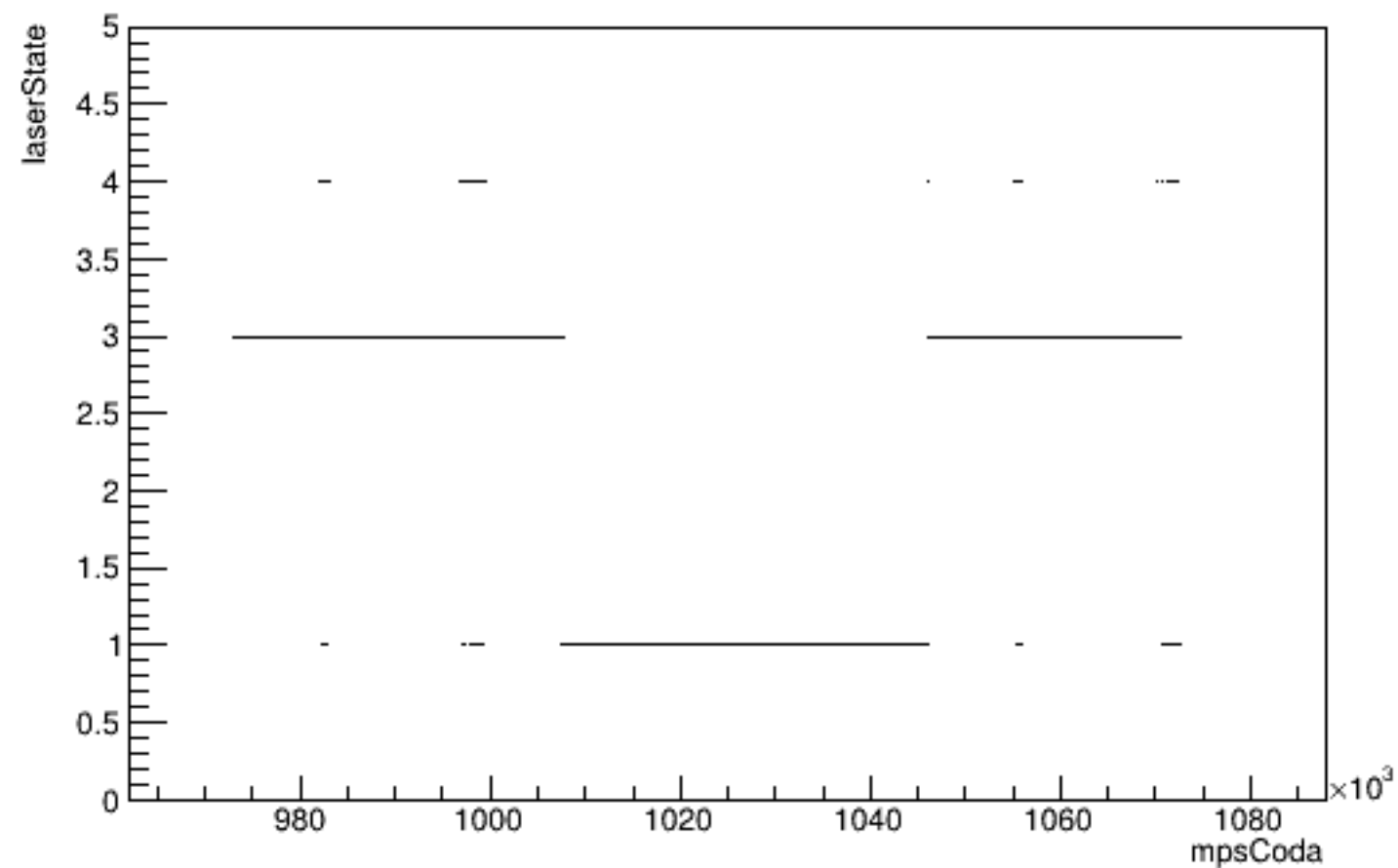
Run 4530 quartetwise, Asyms



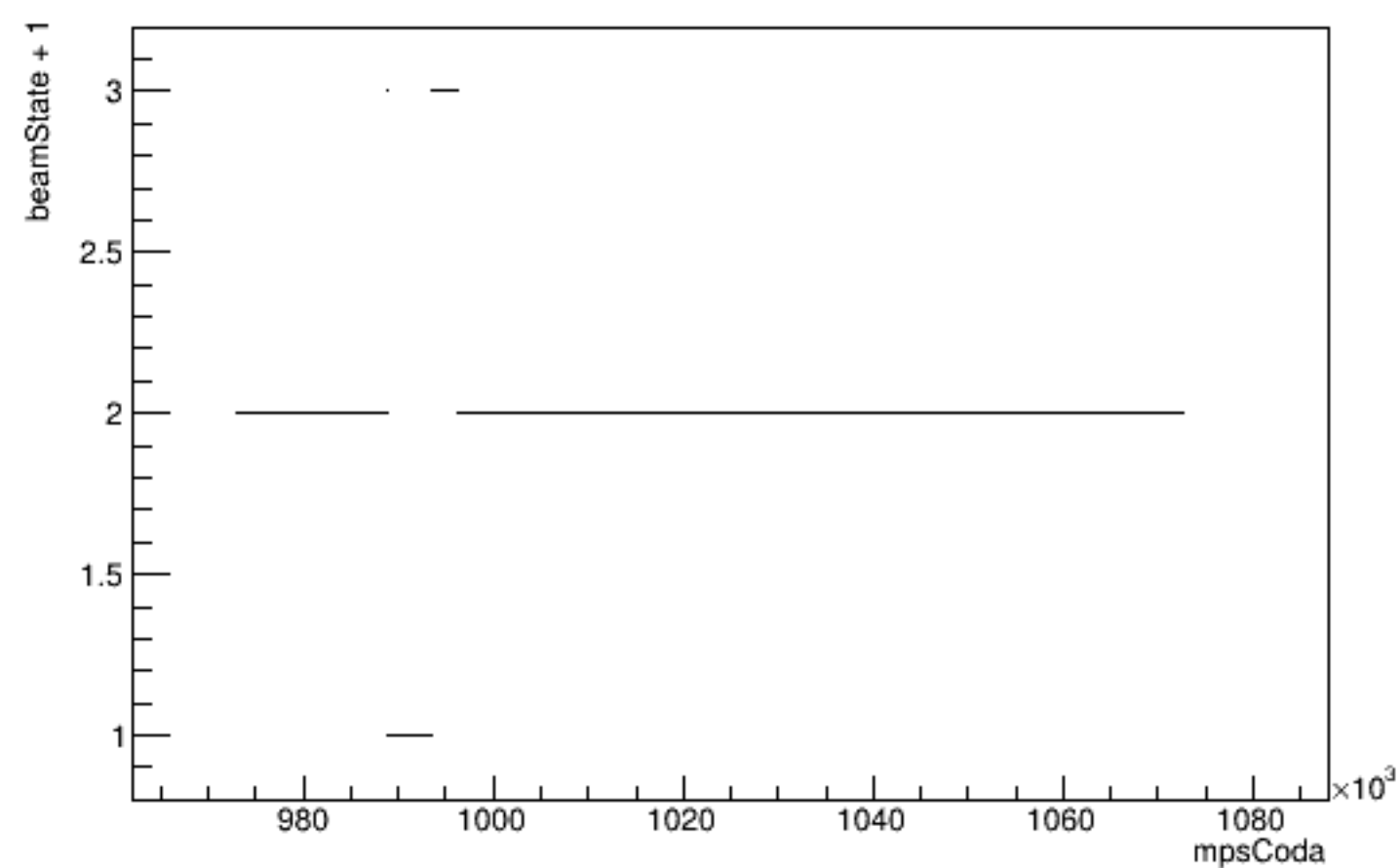
Acc0/NAcc0:mpsCoda (mpsCoda>=972823 && mpsCoda<=1072590 && beamState==1)



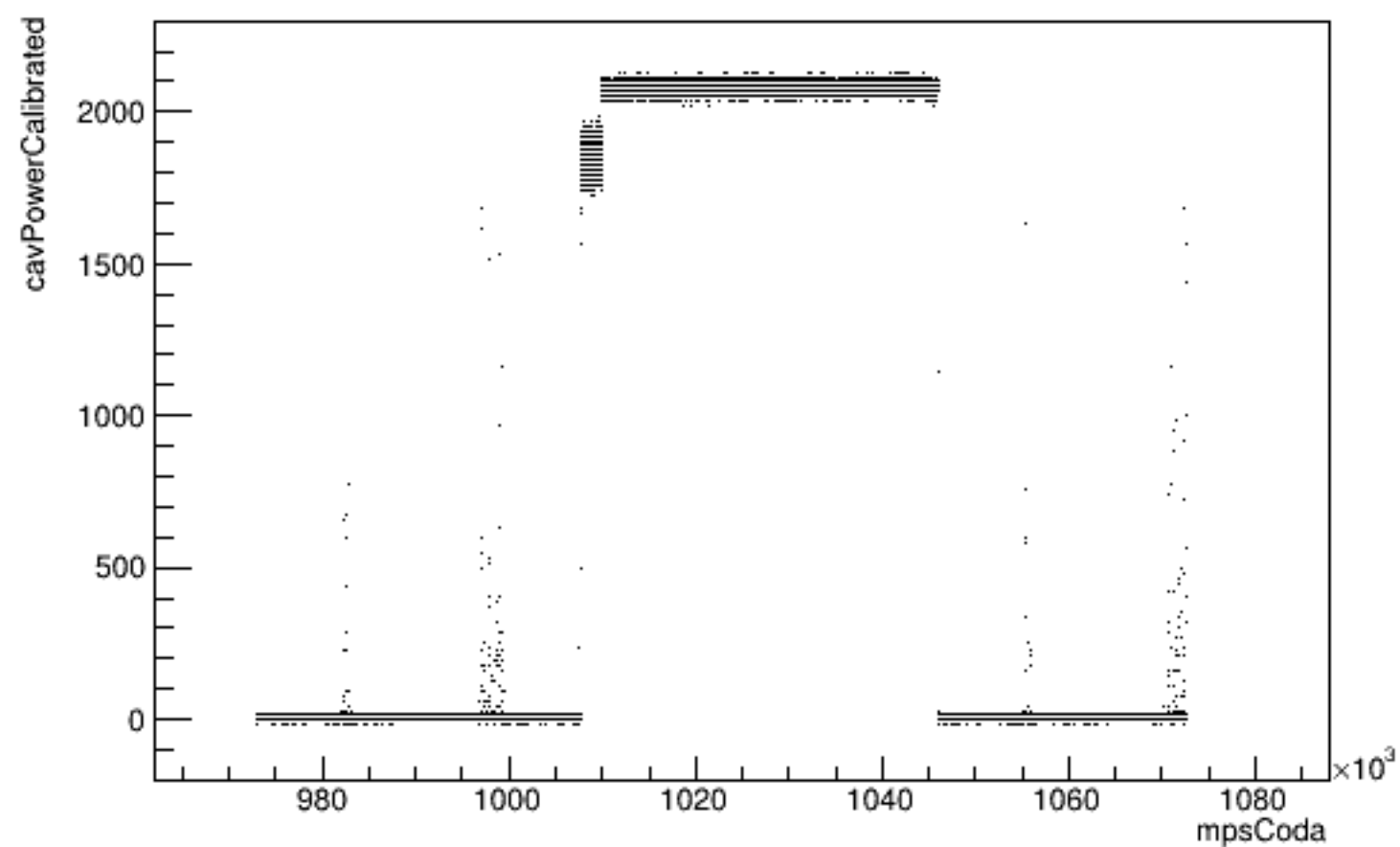
laserState:mpsCoda {mpsCoda>=972823 && mpsCoda<=1072590}



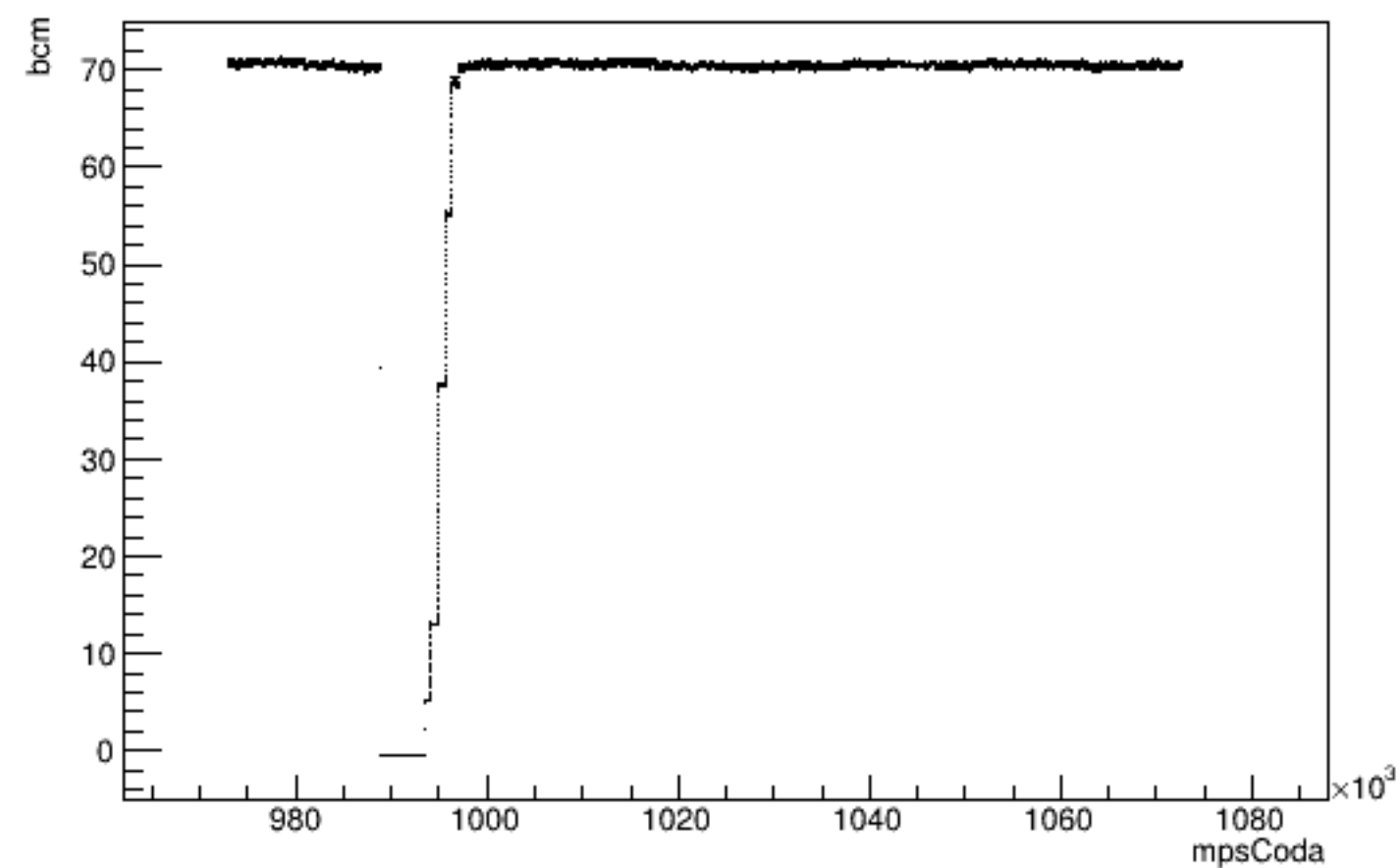
beamState + 1:mpsCoda {mpsCoda>=972823 && mpsCoda<=1072590}



cavPowerCalibrated:mpsCoda {mpsCoda>=972823 && mpsCoda<=1072590}



bcm:mpsCoda {mpsCoda>=972823 && mpsCoda<=1072590}



Cycle 13, Diffs

Entries: 3274

Mean: -0.0015 +/- 0.0041

Std Dev: 0.2337 +/- 0.0029

Entries: 2368

Mean: -0.1498 +/- 0.0064

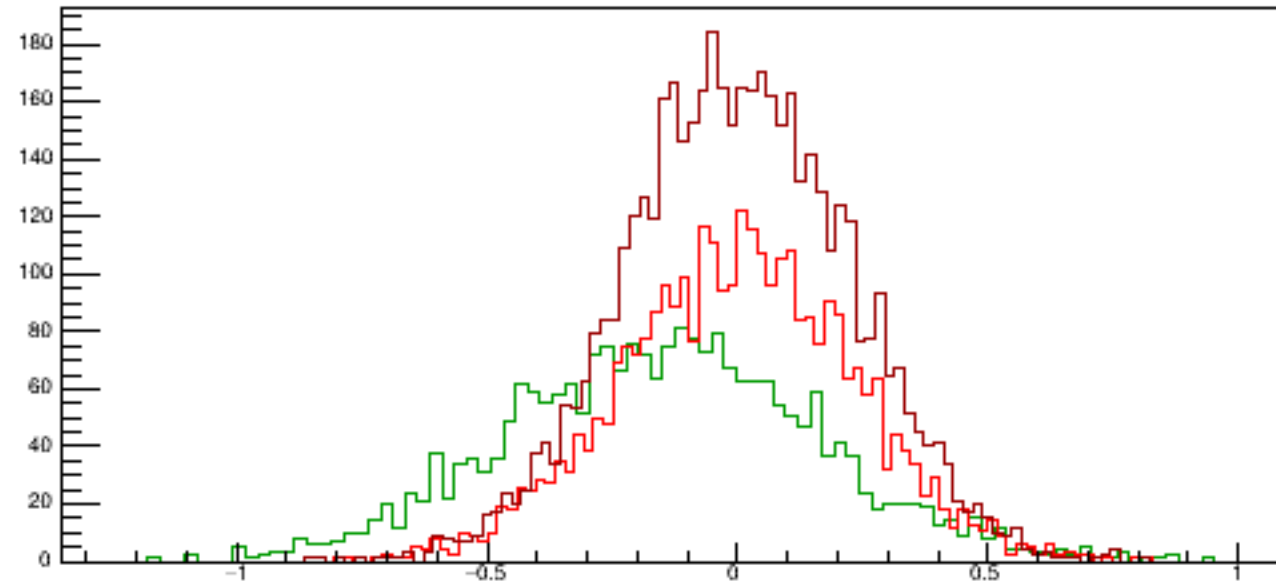
Std Dev: 0.3109 +/- 0.0045

Entries: 4897

Mean: 0.0006 +/- 0.0032

Std Dev: 0.2231 +/- 0.0023

Run 4530 quartetwise, Diffs



Cycle 13, Sums

Entries: 3274

Mean: 11.6064 +/- 0.0116

Std Dev: 0.6626 +/- 0.0082

Entries: 2368

Mean: 20.9621 +/- 0.0165

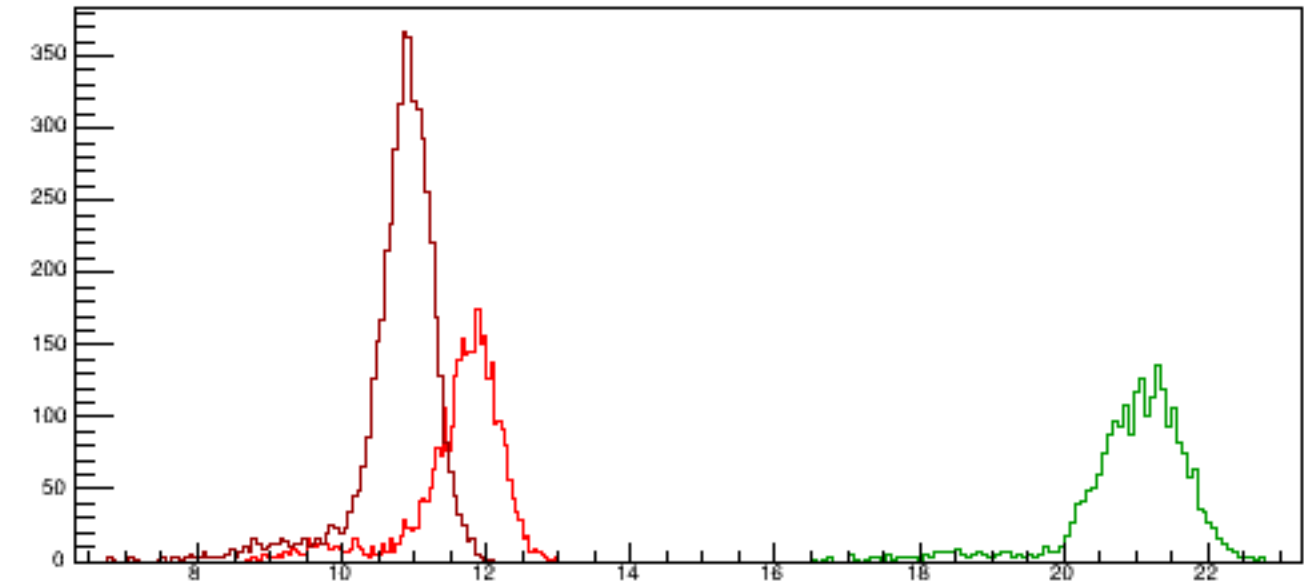
Std Dev: 0.8053 +/- 0.0117

Entries: 4897

Mean: 10.7738 +/- 0.0085

Std Dev: 0.5974 +/- 0.0060

Run 4530 quartetwise, Sums



Cycle 13, Asyms

Entries: 3274

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0239 +/- 0.0003

Entries: 2368

Mean: -0.0154 +/- 0.0007

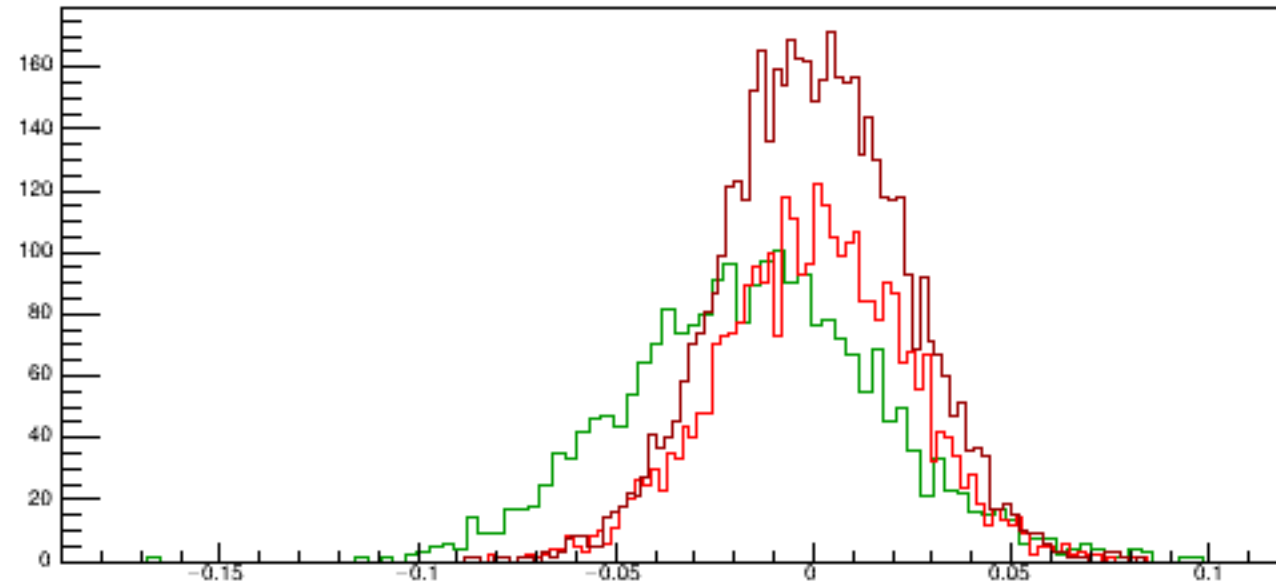
Std Dev: 0.0322 +/- 0.0005

Entries: 4897

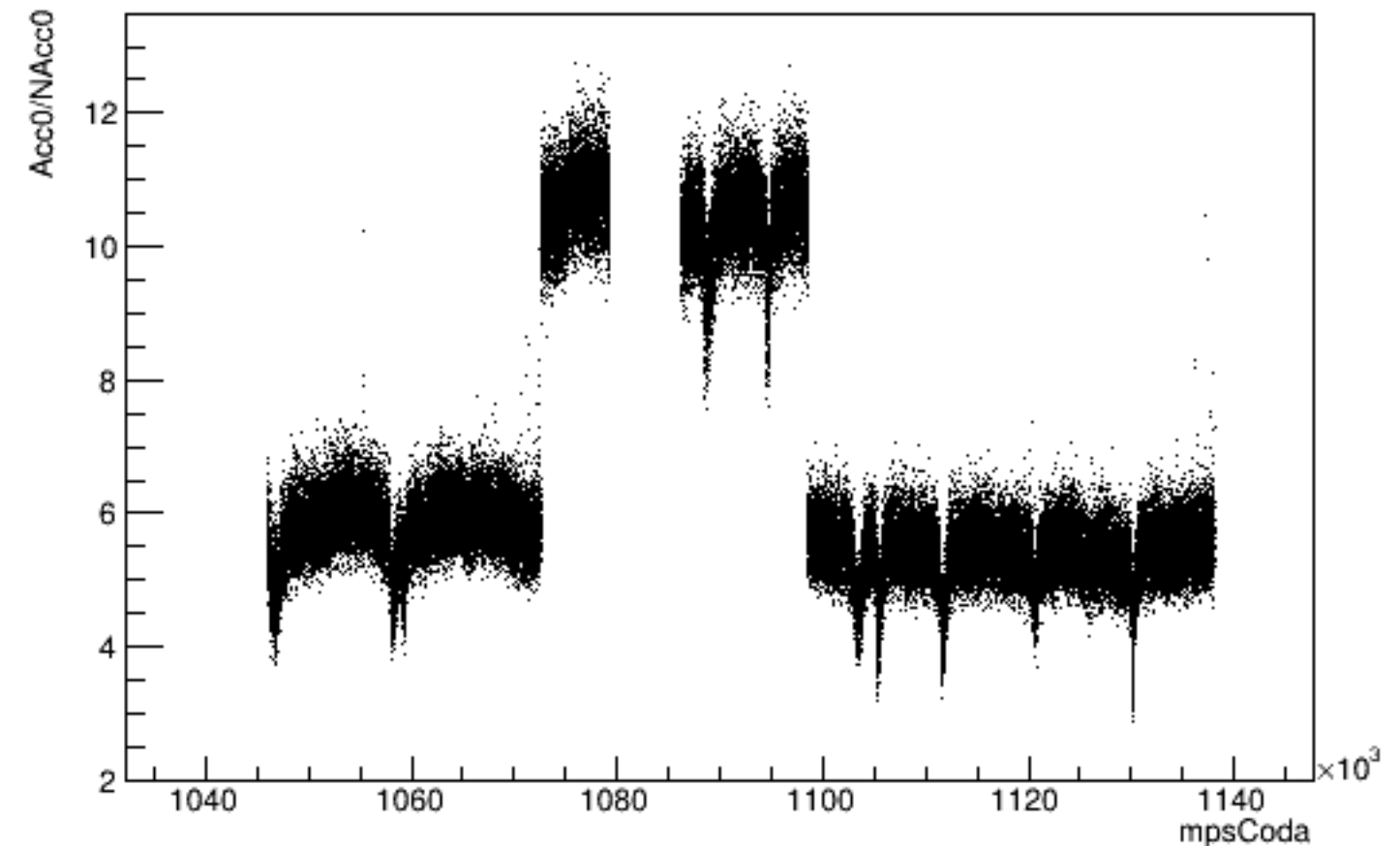
Mean: 0.0001 +/- 0.0003

Std Dev: 0.0228 +/- 0.0002

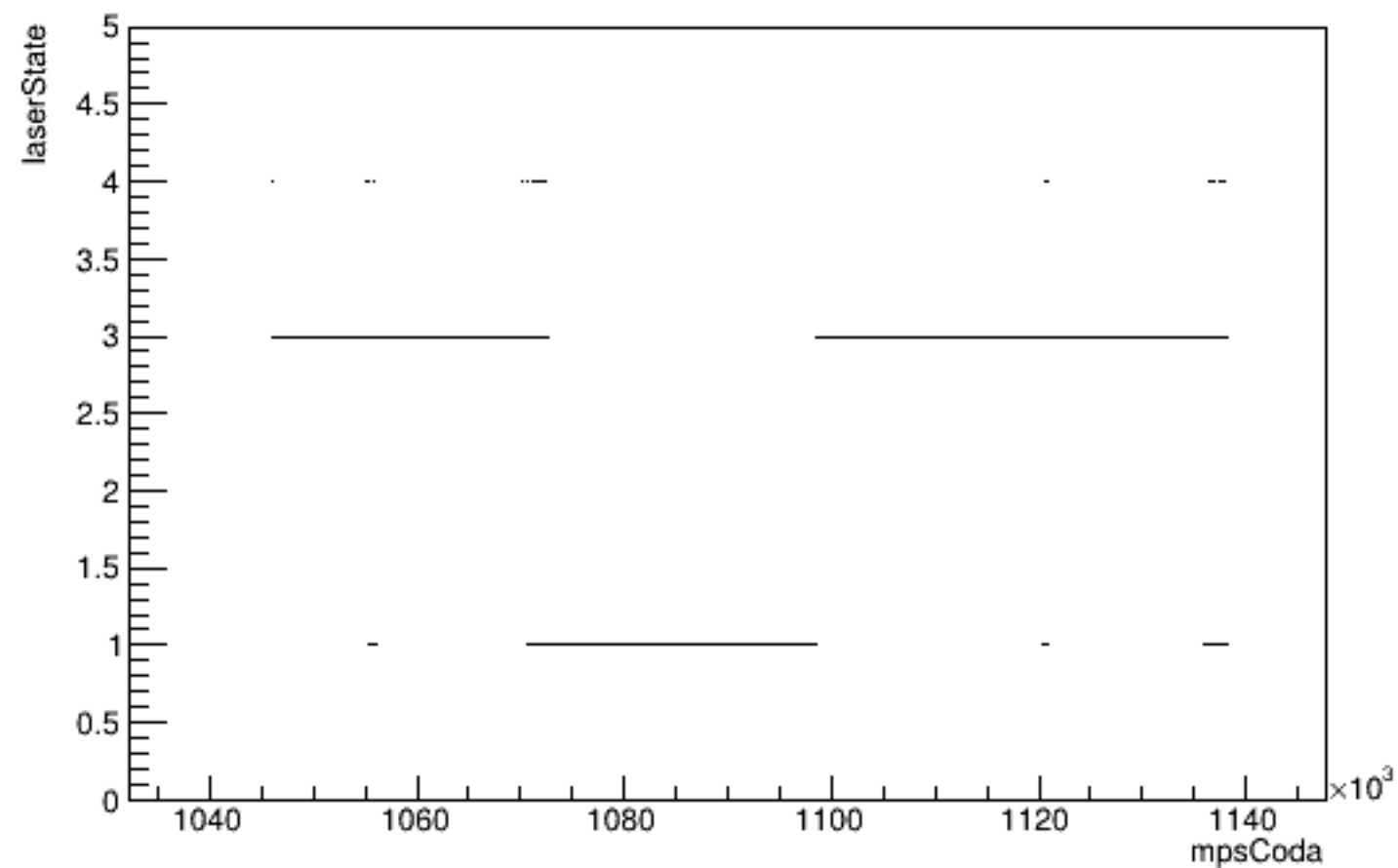
Run 4530 quartetwise, Asyms



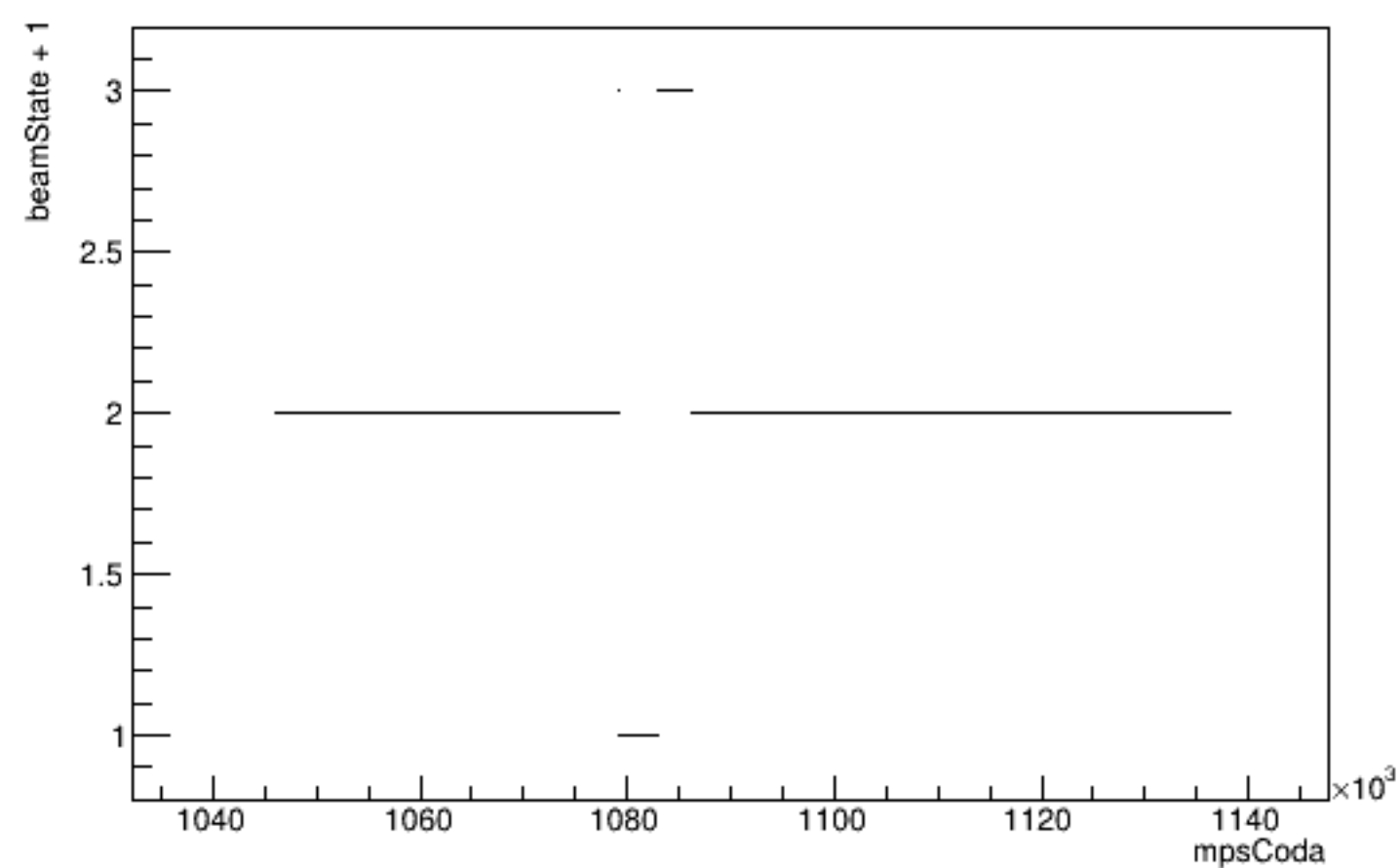
Acc0/NAcc0:mpsCoda (mpsCoda>=1045959 && mpsCoda<=1138094 && beamState==1)



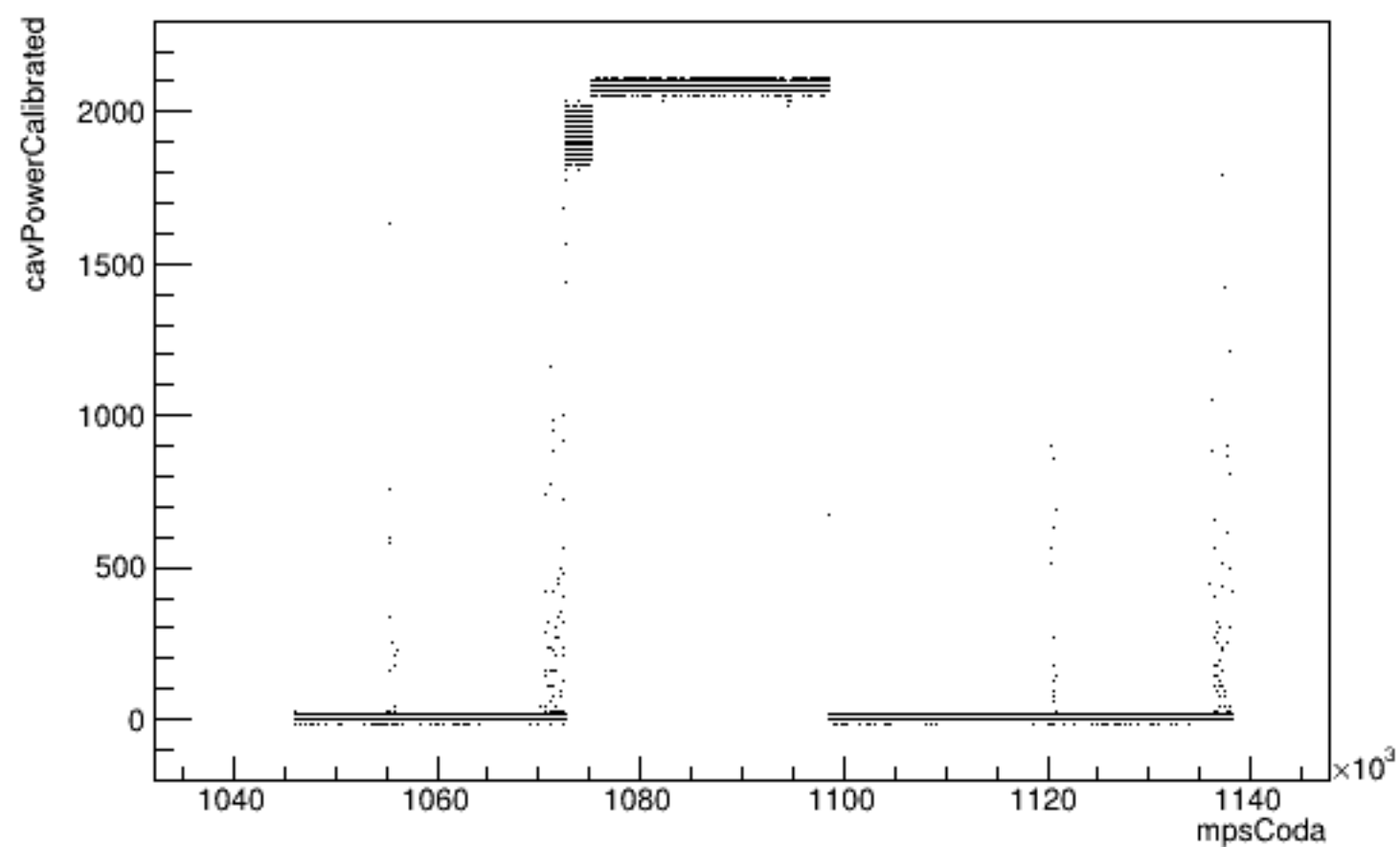
laserState:mpsCoda {mpsCoda>=1045959 && mpsCoda<=1138094}



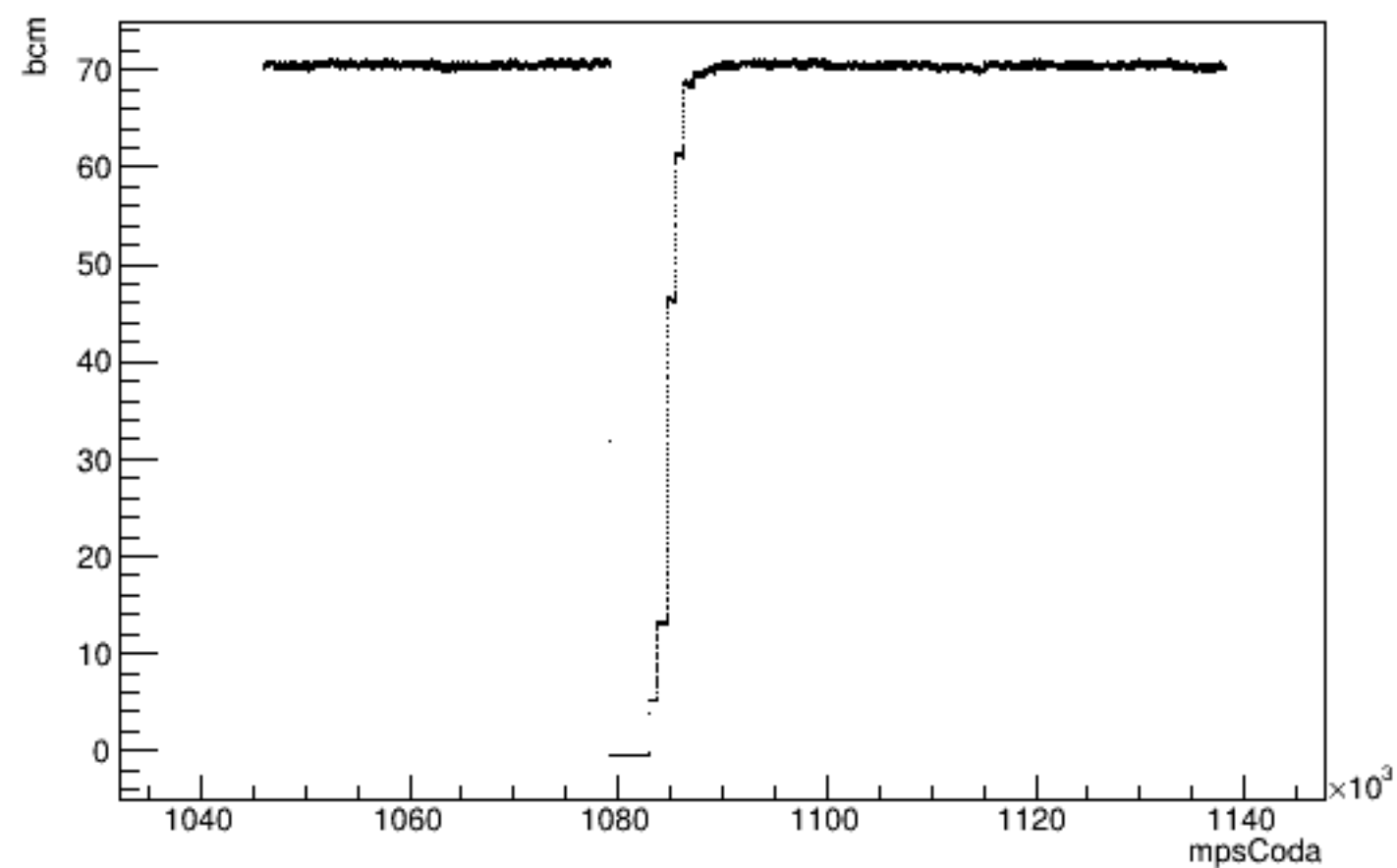
beamState + 1:mpsCoda {mpsCoda>=1045959 && mpsCoda<=1138094}



cavPowerCalibrated:mpsCoda {mpsCoda>=1045959 && mpsCoda<=1138094}



bcm:mpsCoda {mpsCoda>=1045959 && mpsCoda<=1138094}



Cycle 14, Diffs

Entries: 4897

Mean: 0.0006 +/- 0.0032

Std Dev: 0.2231 +/- 0.0023

Entries: 4817

Mean: -0.1429 +/- 0.0045

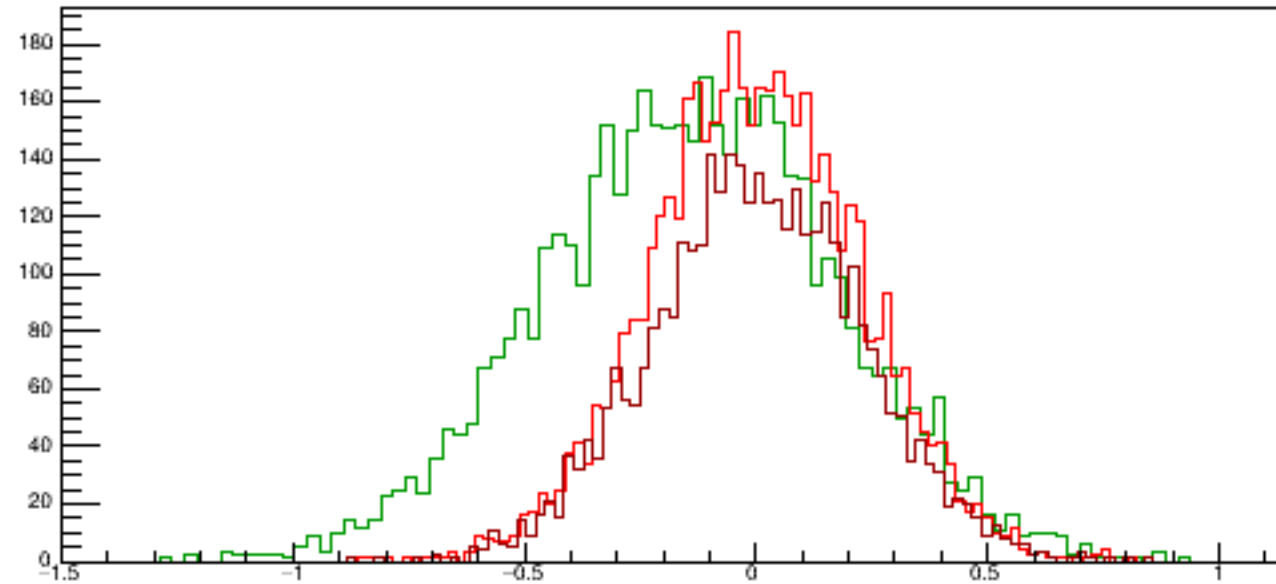
Std Dev: 0.3149 +/- 0.0032

Entries: 3698

Mean: 0.0017 +/- 0.0037

Std Dev: 0.2250 +/- 0.0026

Run 4530 quartetwise, Diffs



Cycle 14, Sums

Entries: 4897

Mean: 10.7738 +/- 0.0085

Std Dev: 0.5974 +/- 0.0060

Entries: 4817

Mean: 20.3861 +/- 0.0101

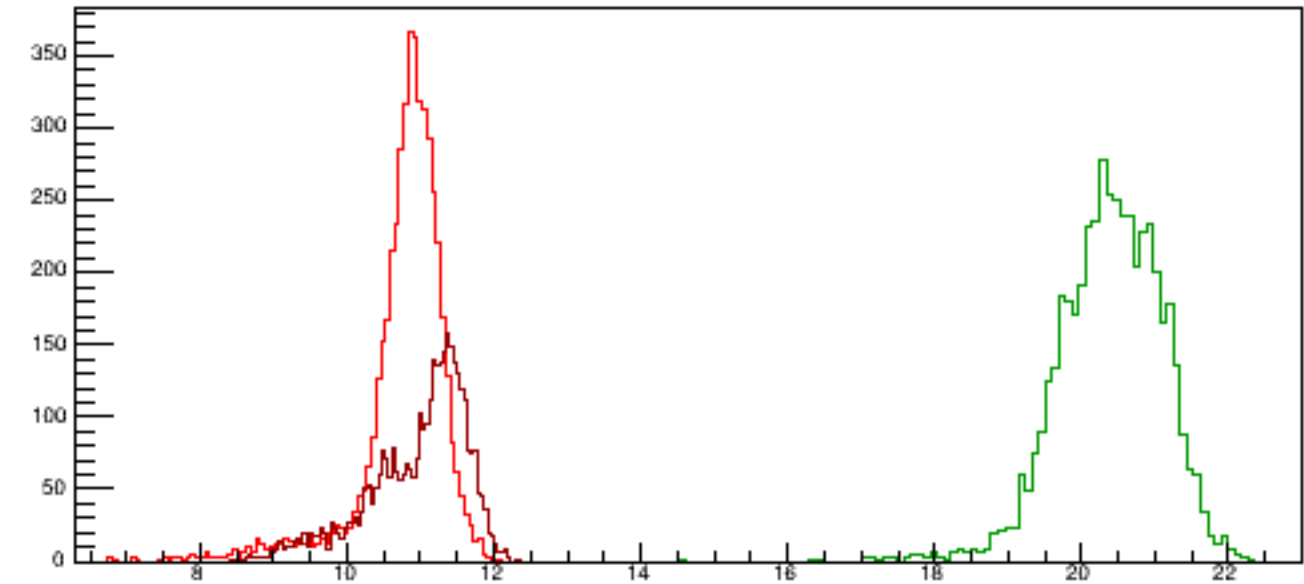
Std Dev: 0.7004 +/- 0.0071

Entries: 3698

Mean: 10.9600 +/- 0.0111

Std Dev: 0.6775 +/- 0.0079

Run 4530 quartetwise, Sums



Cycle 14, Asyms

Entries: 4897

Mean: 0.0001 +/- 0.0003

Std Dev: 0.0234 +/- 0.0002

Entries: 4817

Mean: -0.0150 +/- 0.0005

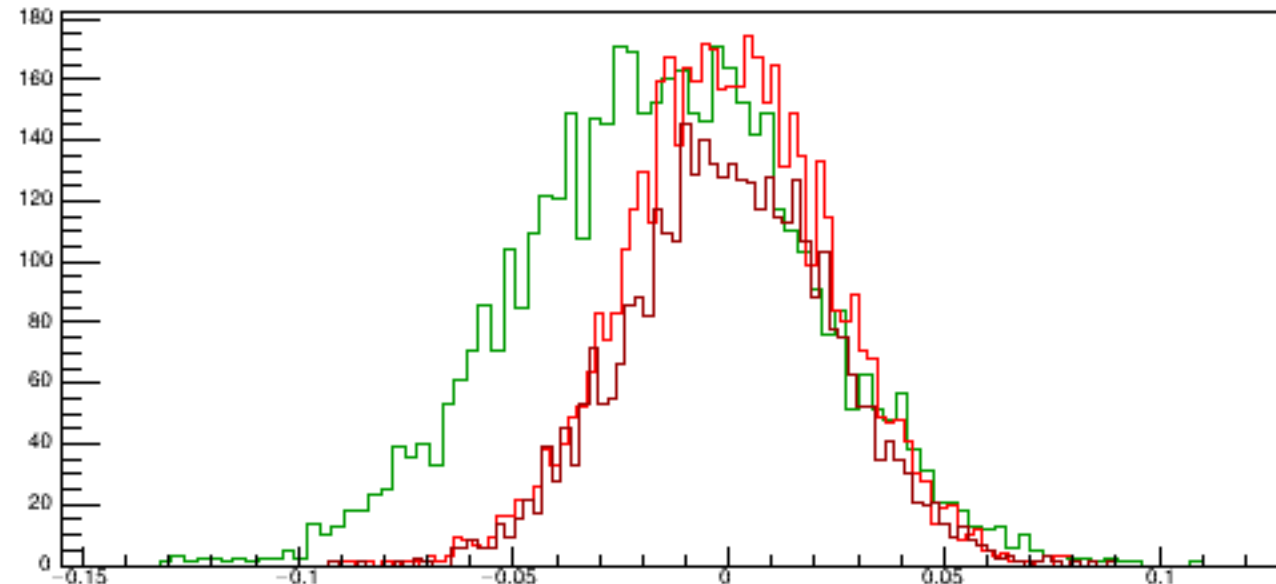
Std Dev: 0.0333 +/- 0.0003

Entries: 3698

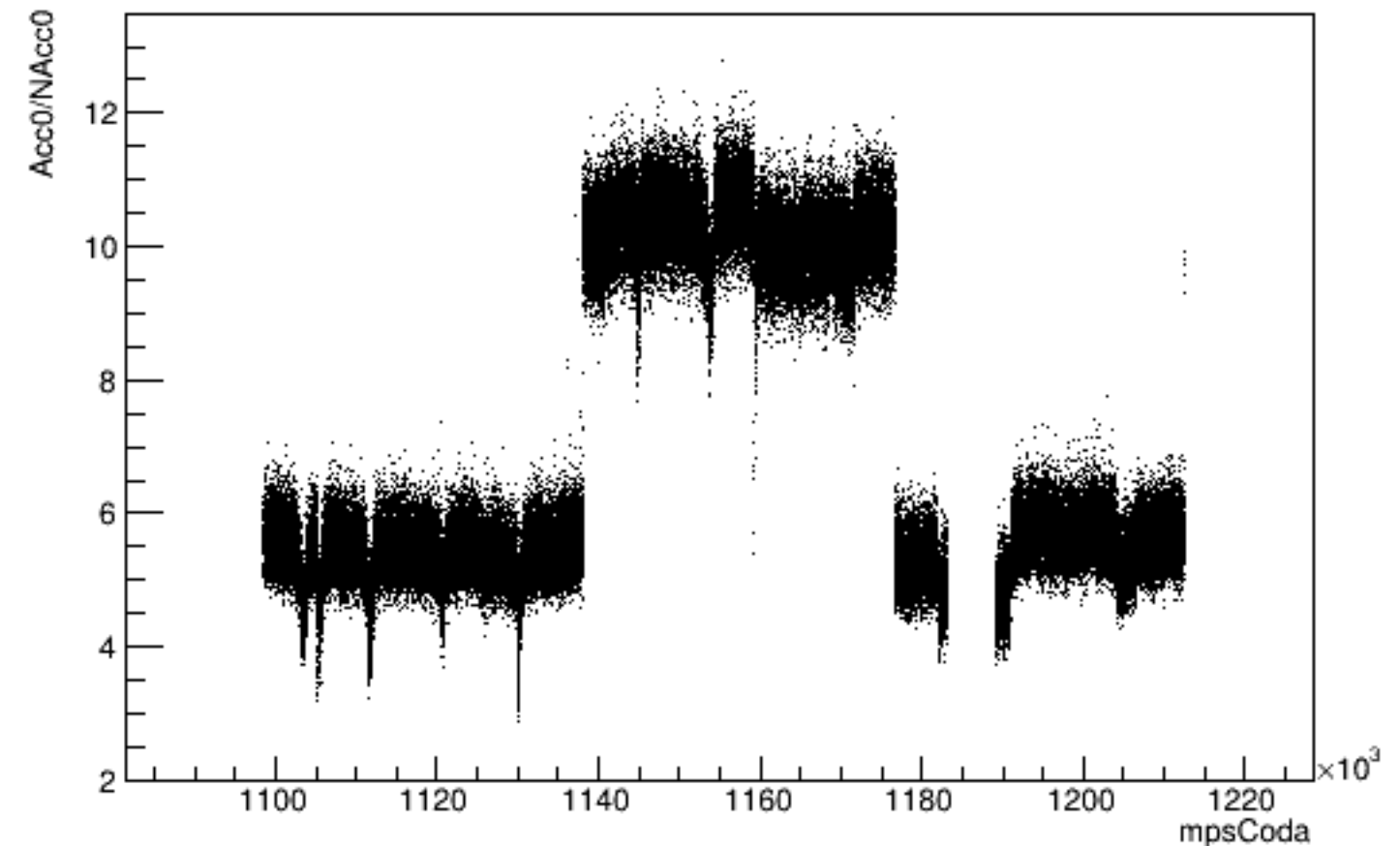
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0236 +/- 0.0003

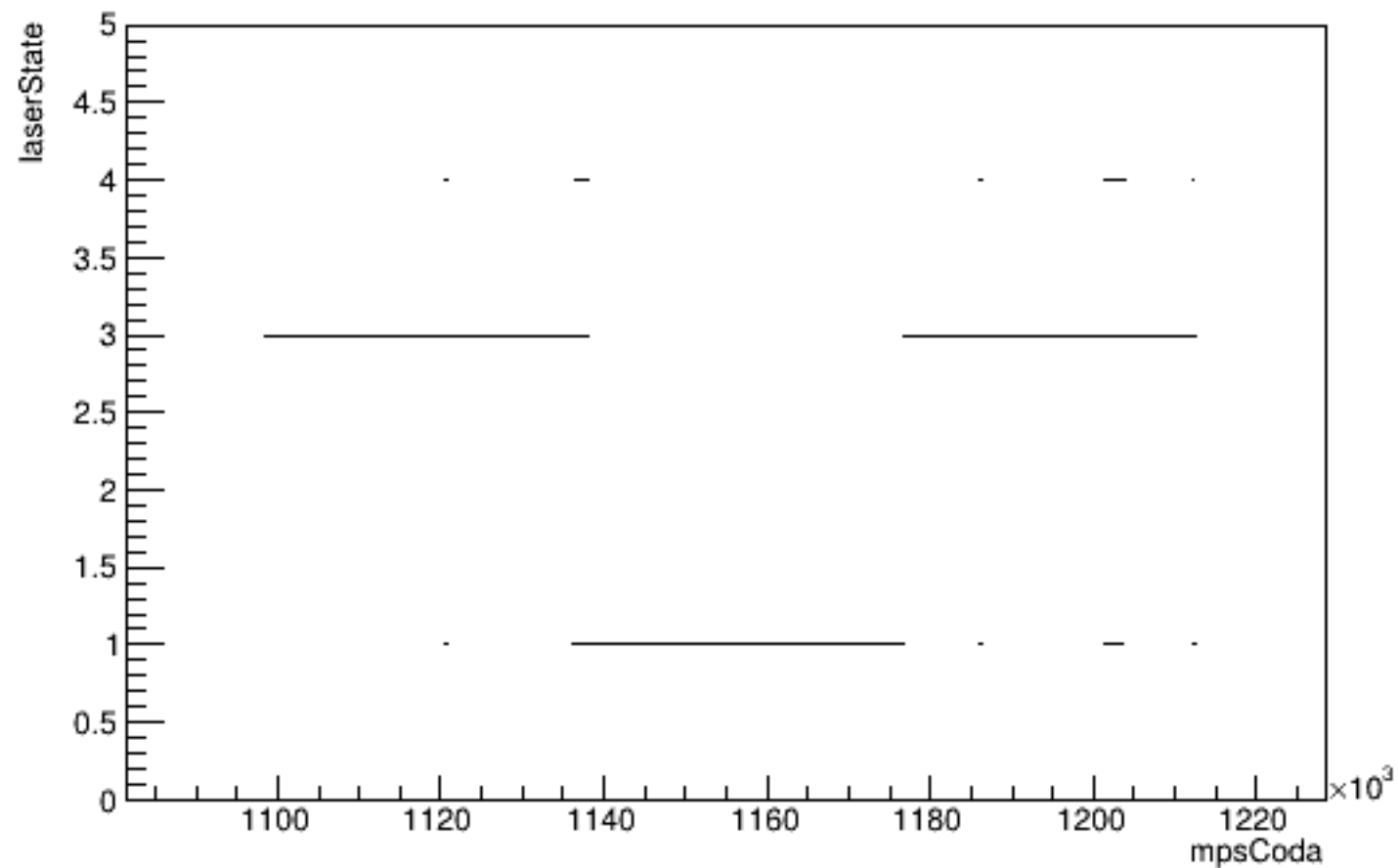
Run 4530 quartetwise, Asyms



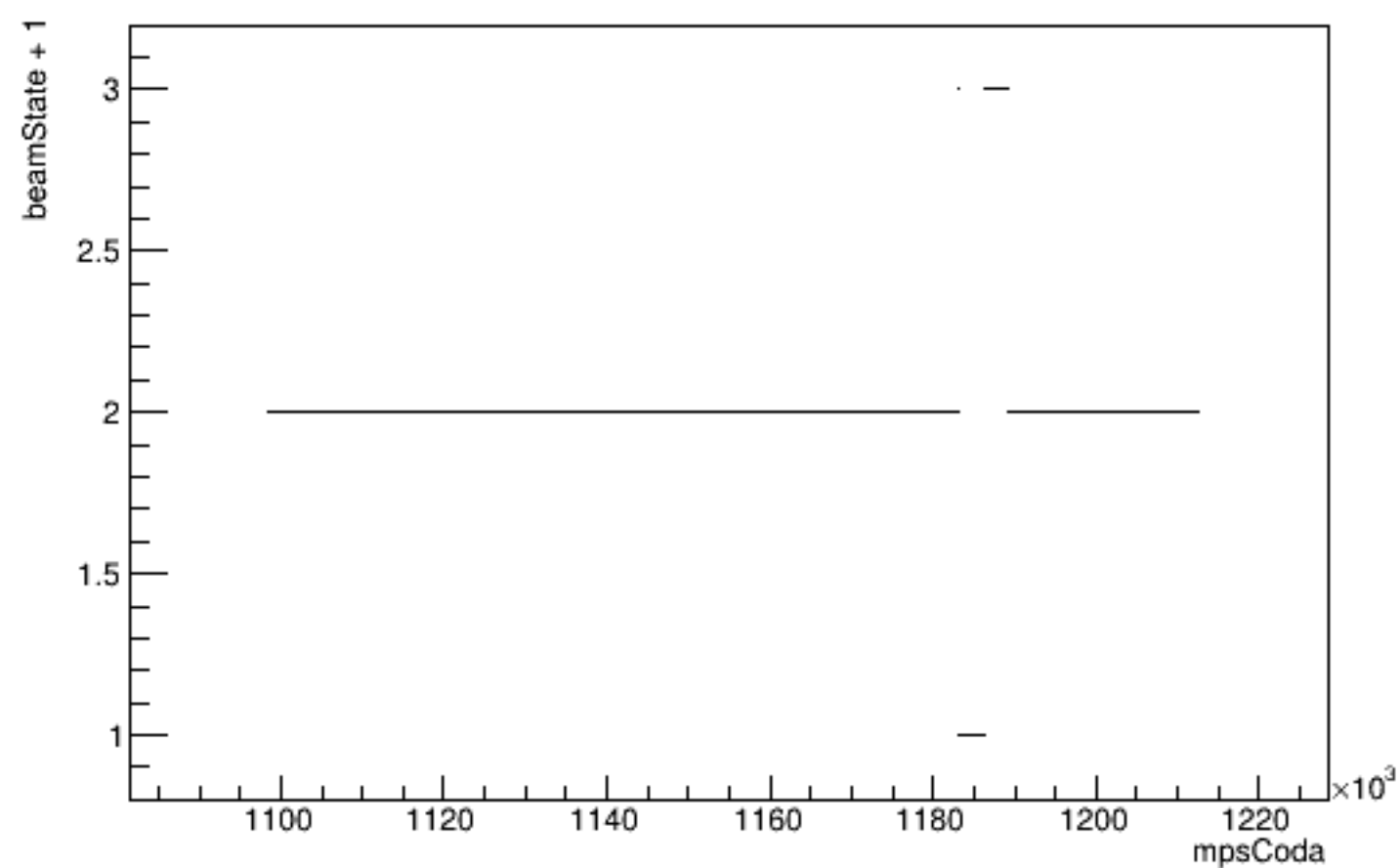
Acc0/NAcc0:mpsCoda (mpsCoda>=1098543 && mpsCoda<=1212446 && beamState==1)



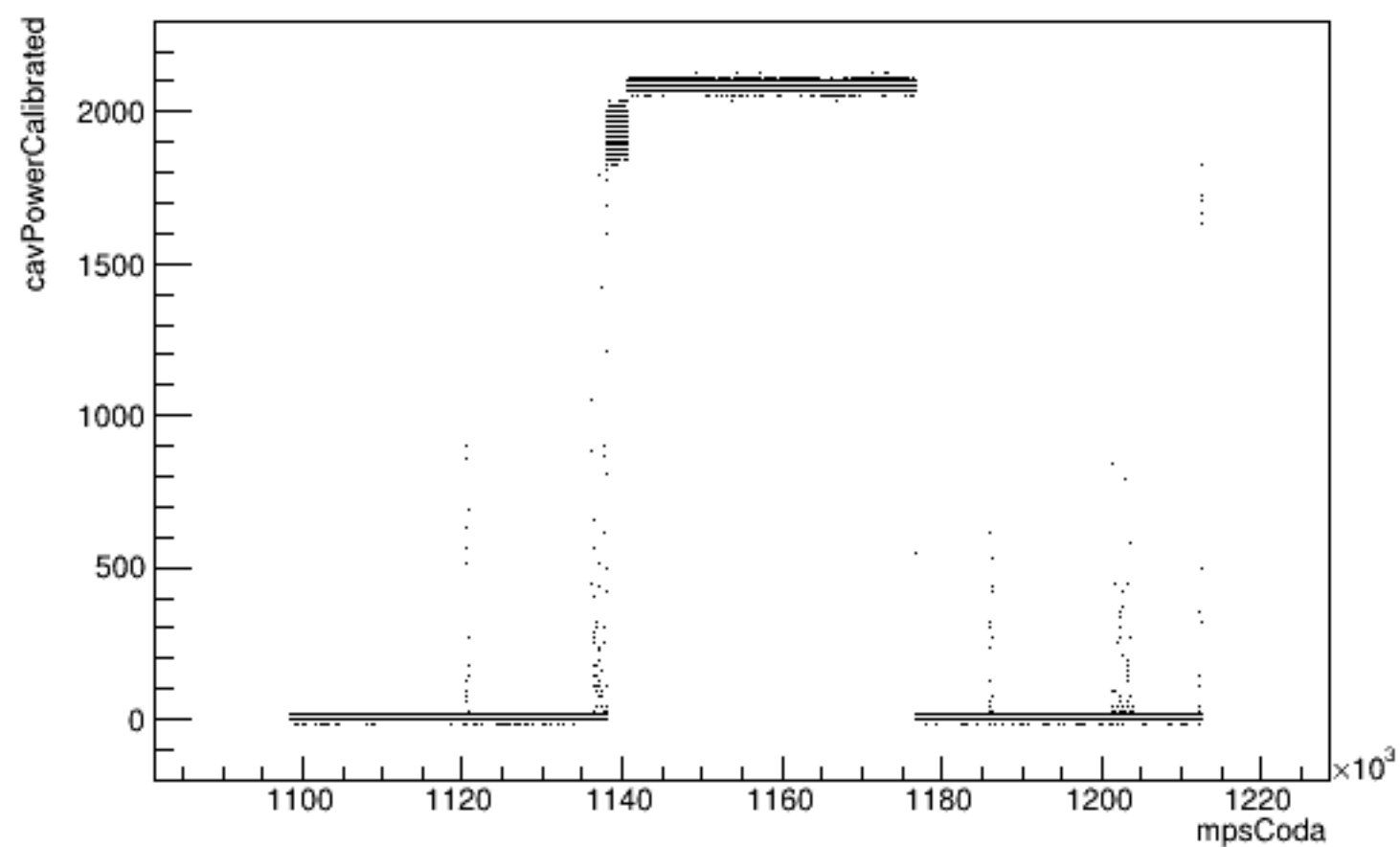
laserState:mpsCoda {mpsCoda>=1098543 && mpsCoda<=1212446}



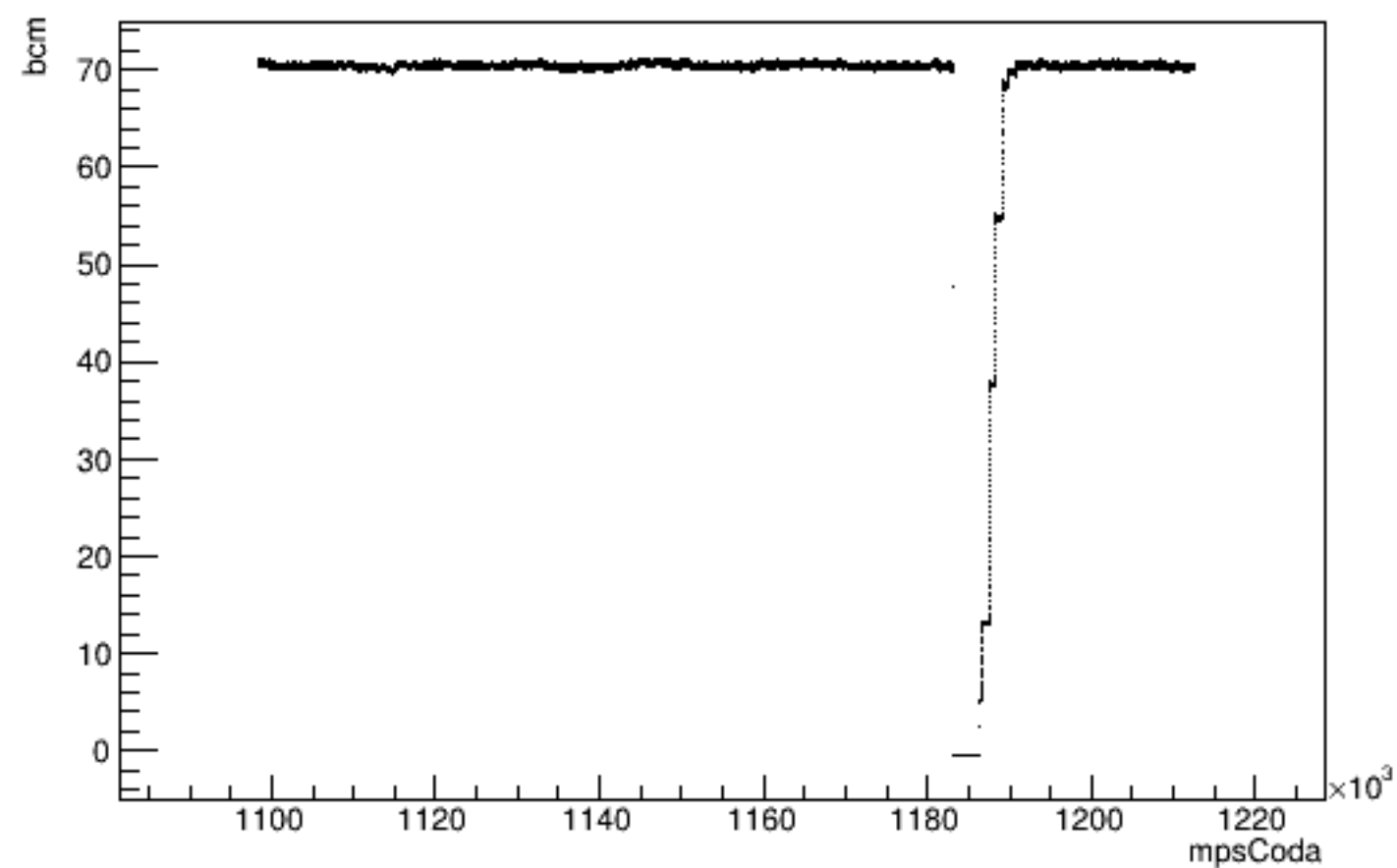
beamState + 1:mpsCoda {mpsCoda>=1098543 && mpsCoda<=1212446}



cavPowerCalibrated:mpsCoda {mpsCoda>=1098543 && mpsCoda<=1212446}



bcm:mpsCoda {mpsCoda>=1098543 && mpsCoda<=1212446}



Cycle 15, Diffs

Entries: 3698

Mean: 0.0017 +/- 0.0037

Std Dev: 0.2250 +/- 0.0026

Entries: 4734

Mean: -0.1495 +/- 0.0046

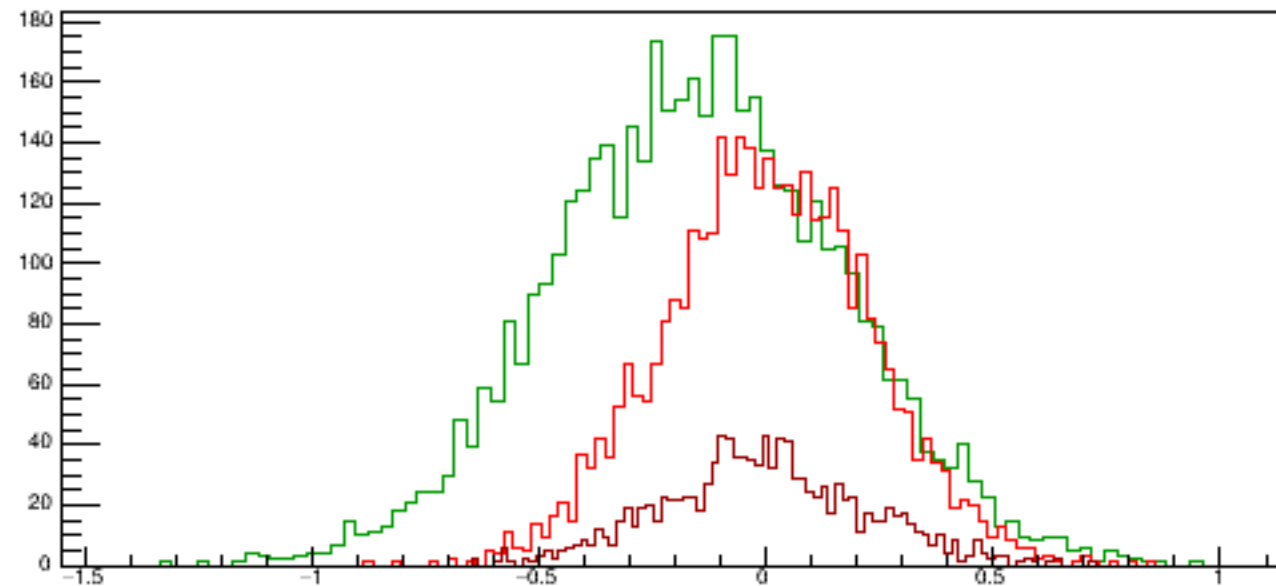
Std Dev: 0.3161 +/- 0.0032

Entries: 1186

Mean: -0.0080 +/- 0.0064

Std Dev: 0.2219 +/- 0.0046

Run 4530 quartetwise, Diffs



Cycle 15, Sums

Entries: 3698

Mean: 10.9600 +/- 0.0111

Std Dev: 0.6775 +/- 0.0079

Entries: 4734

Mean: 21.1222 +/- 0.0086

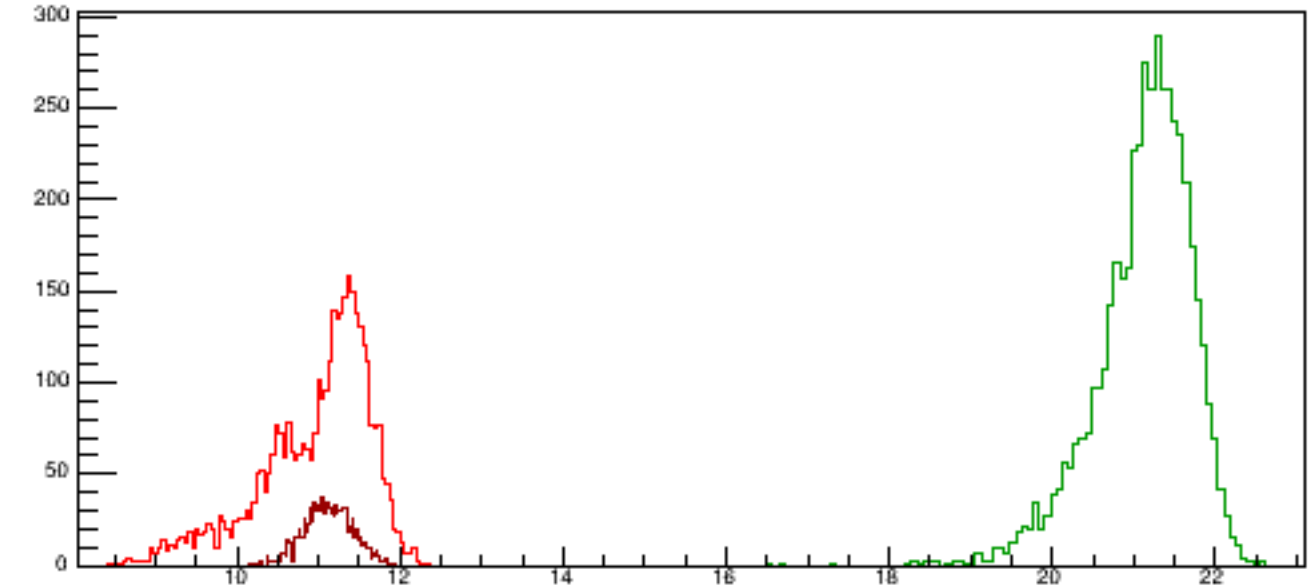
Std Dev: 0.5901 +/- 0.0061

Entries: 1186

Mean: 11.1178 +/- 0.0087

Std Dev: 0.2993 +/- 0.0061

Run 4530 quartetwise, Sums



Cycle 15, Asyms

Entries: 3698

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0223 +/- 0.0003

Entries: 4734

Mean: -0.0148 +/- 0.0005

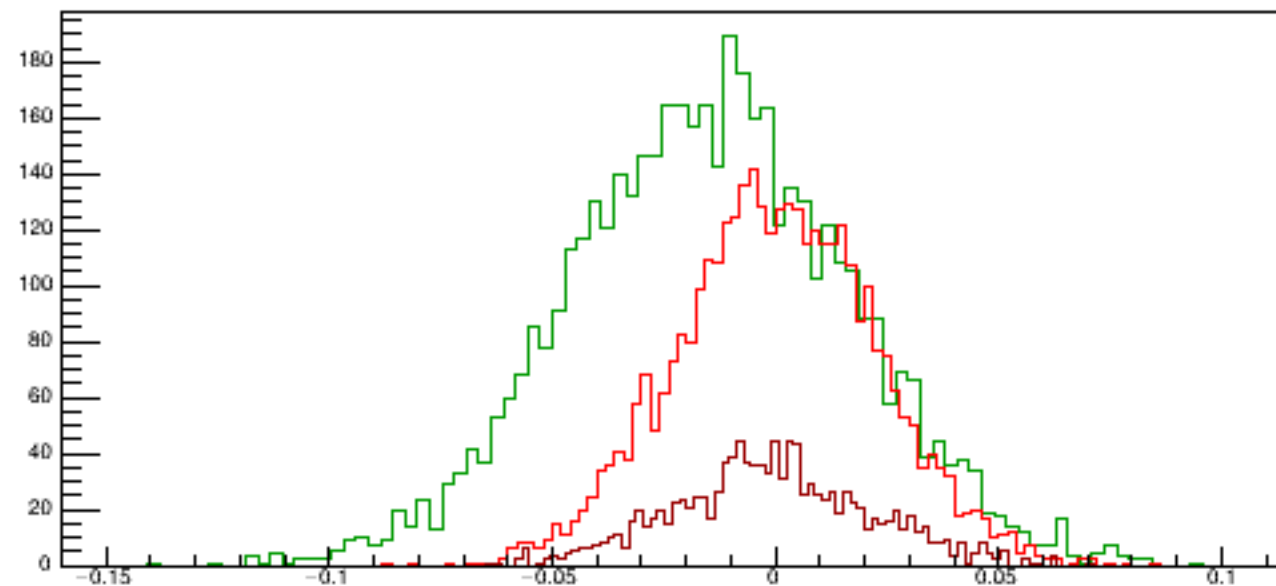
Std Dev: 0.0314 +/- 0.0003

Entries: 1186

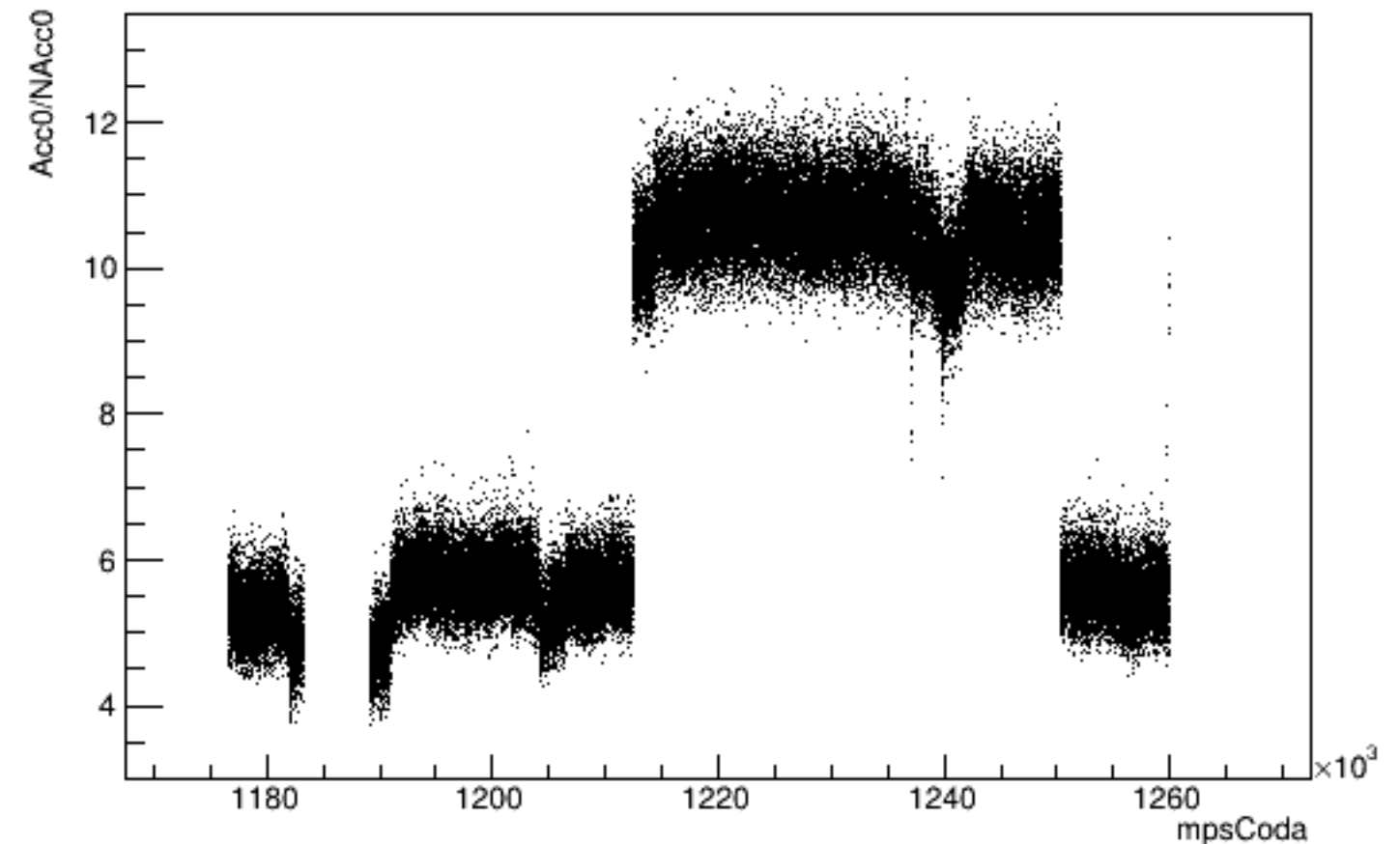
Mean: -0.0008 +/- 0.0006

Std Dev: 0.0220 +/- 0.0005

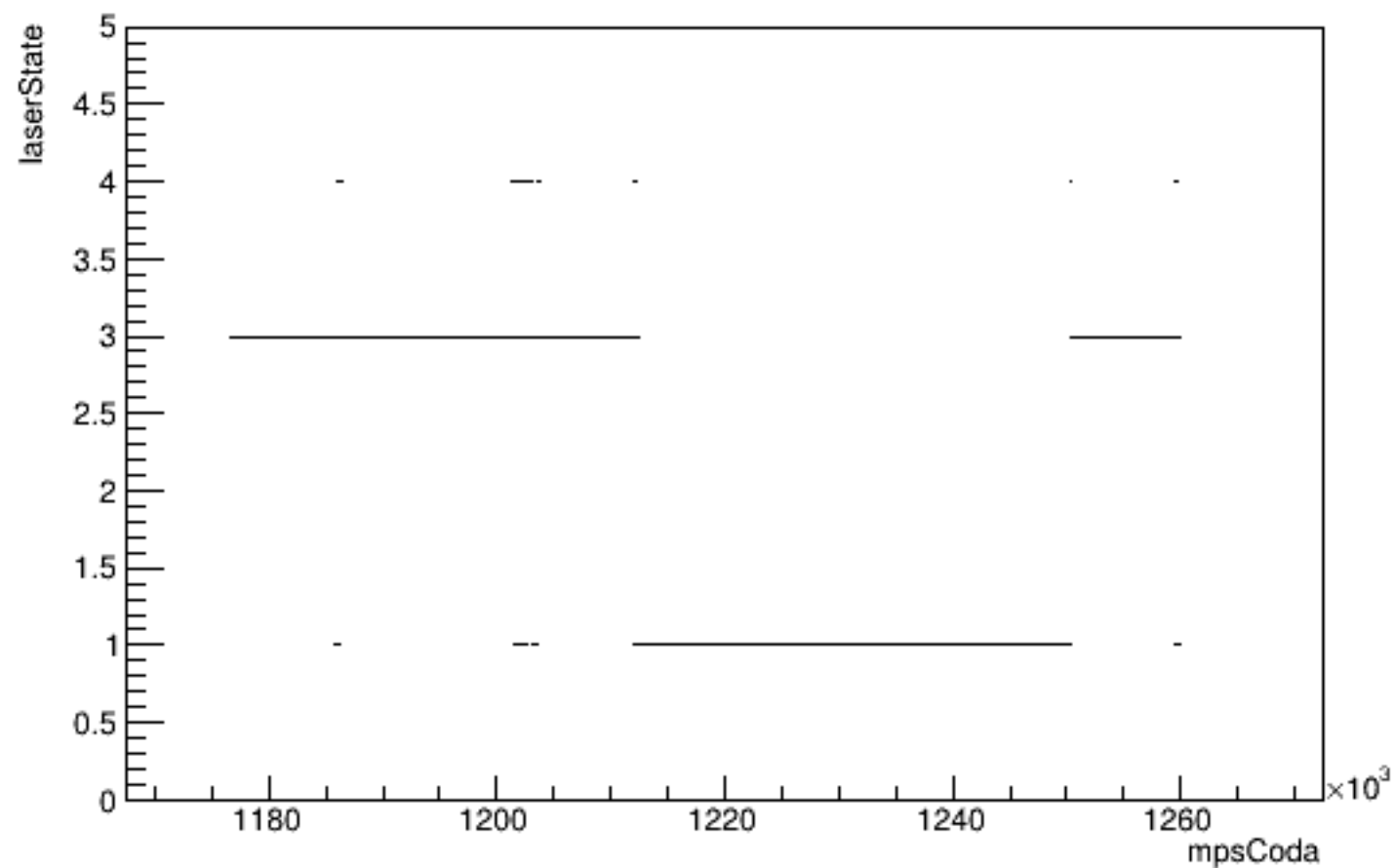
Run 4530 quartetwise, Asyms



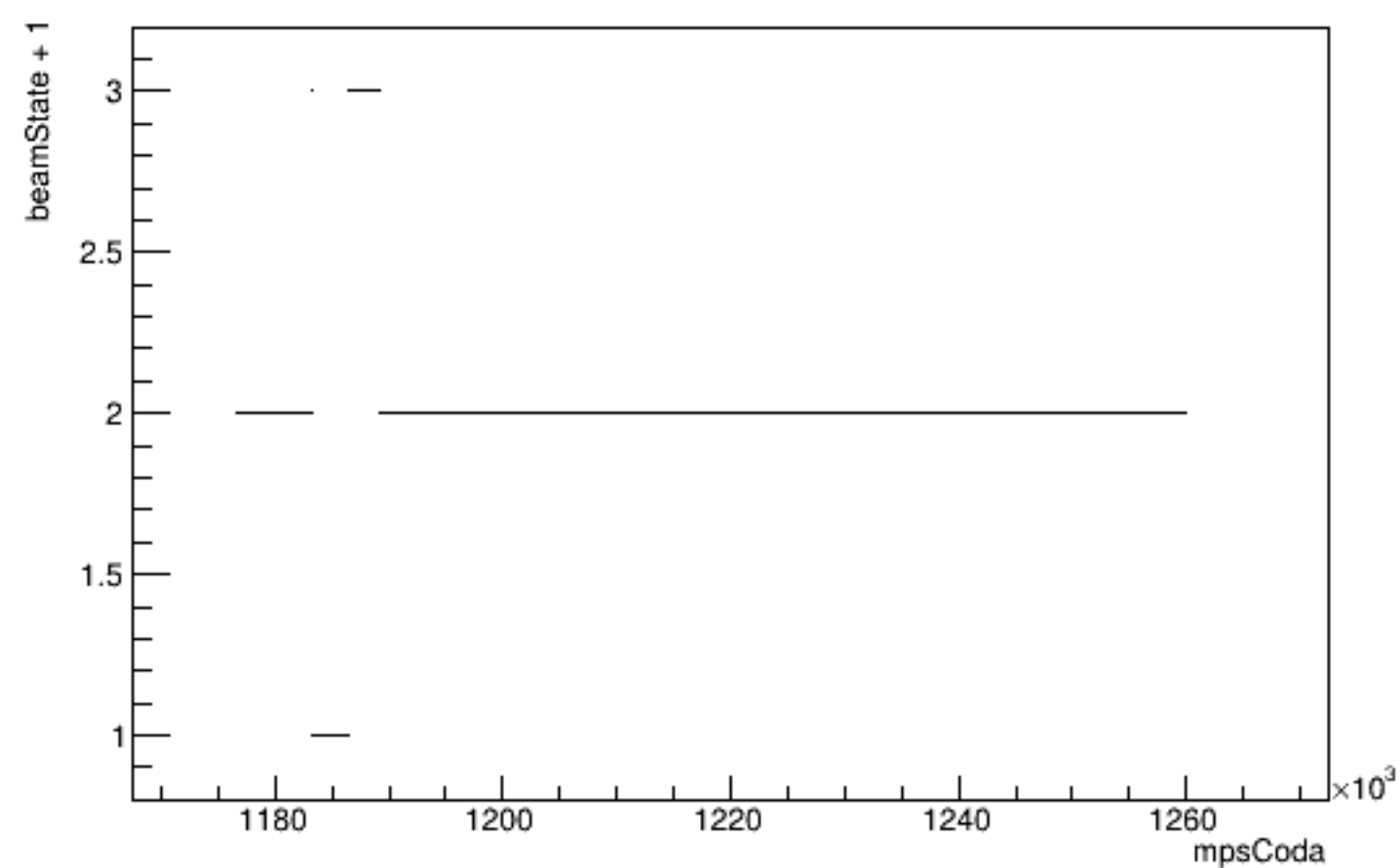
Acc0/NAcc0:mpsCoda (mpsCoda>=1176639 && mpsCoda<=1259918 && beamState==1)



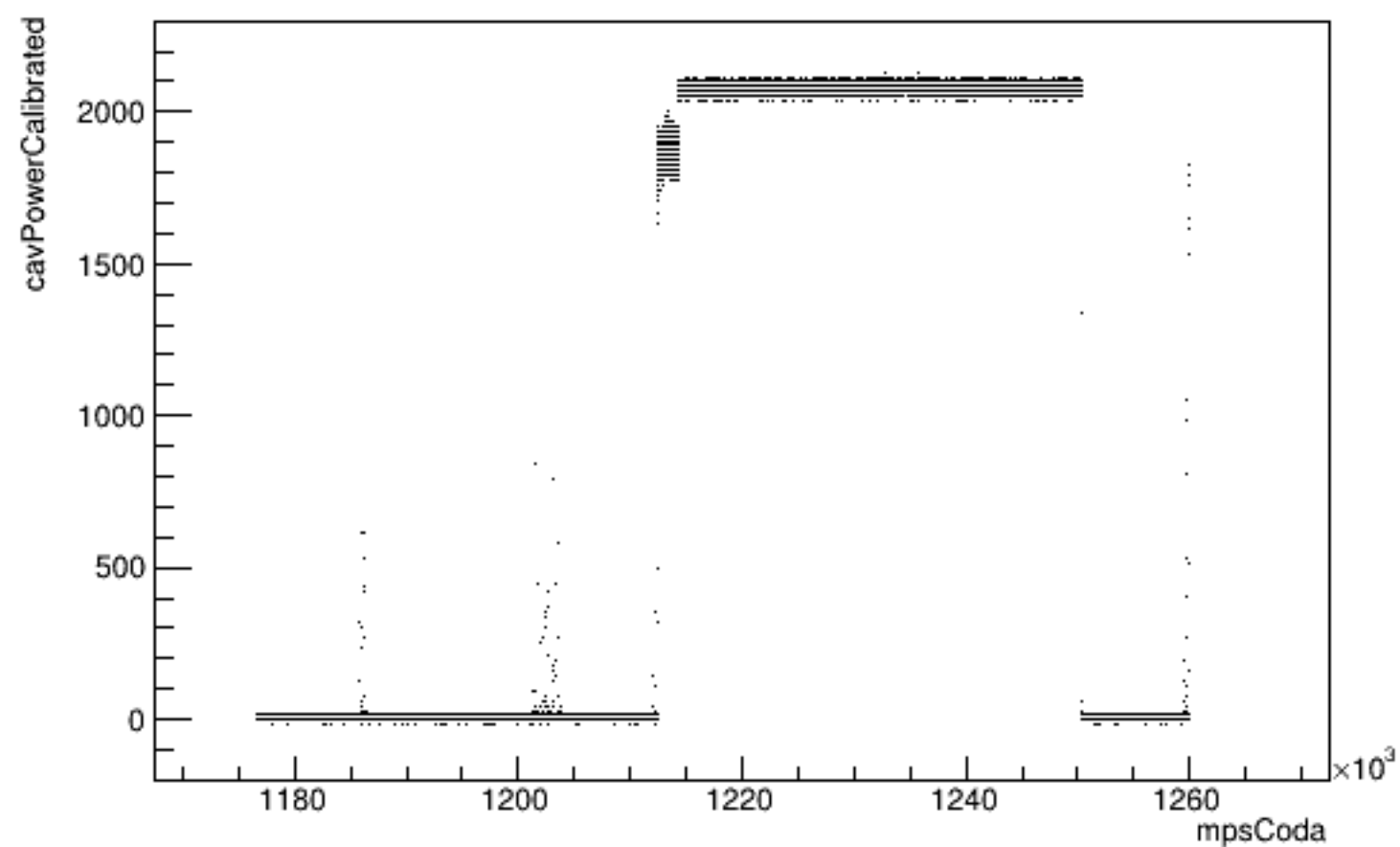
laserState:mpsCoda {mpsCoda>=1176639 && mpsCoda<=1259918}



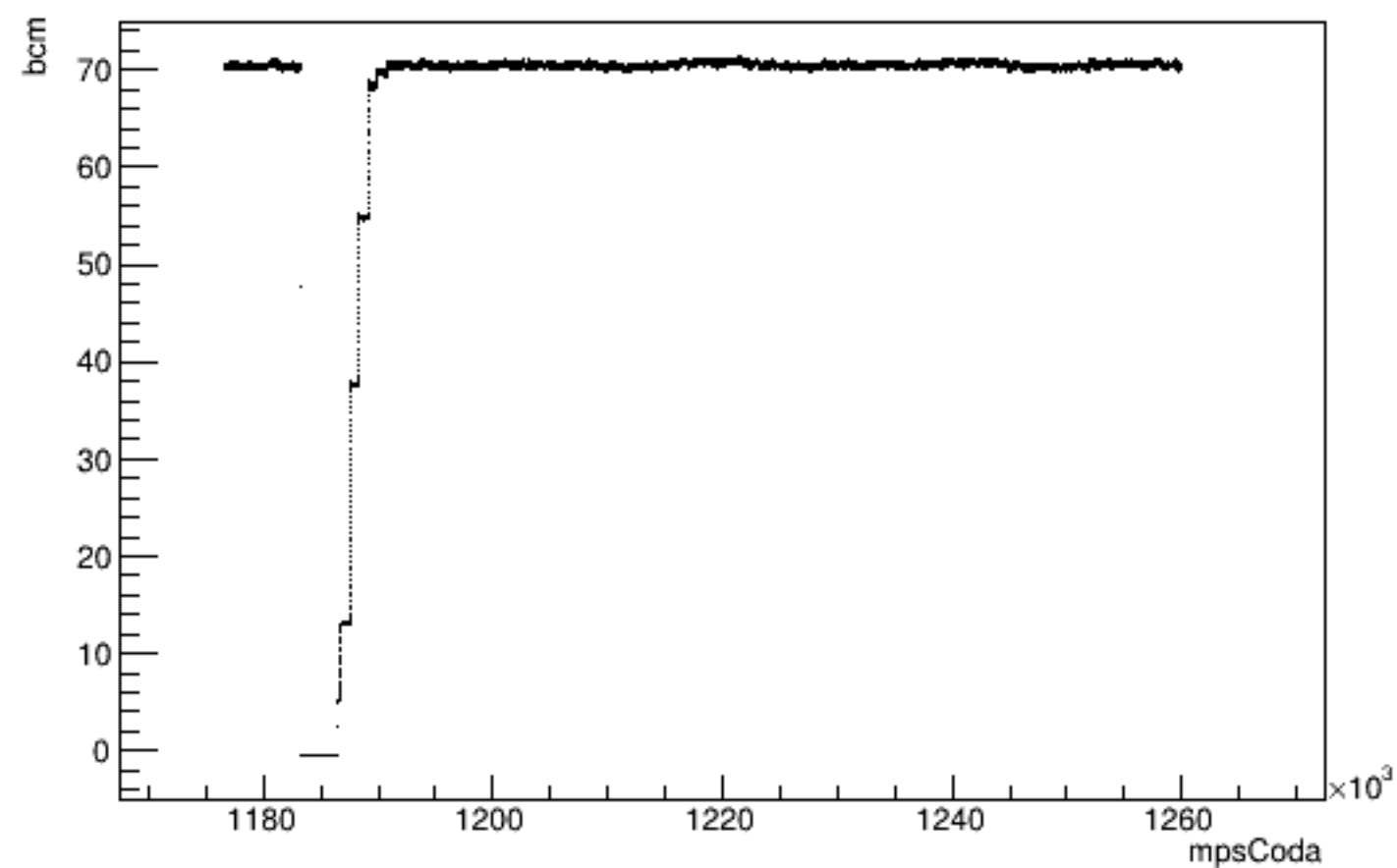
beamState + 1:mpsCoda {mpsCoda>=1176639 && mpsCoda<=1259918}



cavPowerCalibrated:mpsCoda {mpsCoda>=1176639 && mpsCoda<=1259918}



bcm:mpsCoda {mpsCoda>=1176639 && mpsCoda<=1259918}



Cycle 16, Diffs

Entries: 1186

Mean: -0.0080 +/- 0.0064

Std Dev: 0.2219 +/- 0.0046

Entries: 4844

Mean: -0.1508 +/- 0.0045

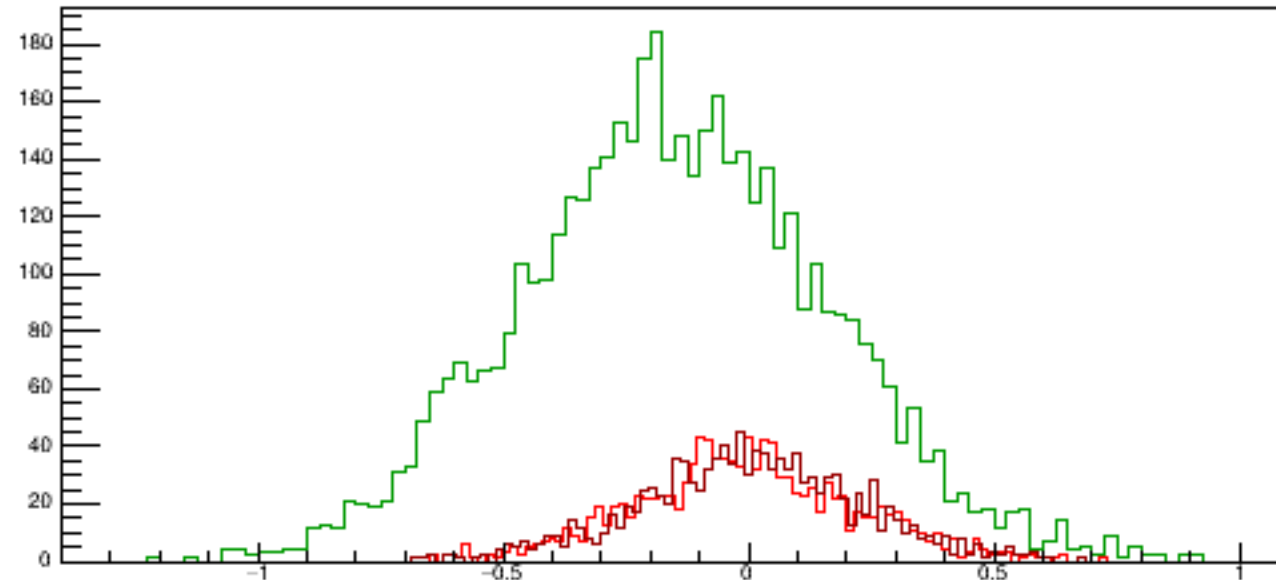
Std Dev: 0.3127 +/- 0.0032

Entries: 1210

Mean: 0.0008 +/- 0.0064

Std Dev: 0.2235 +/- 0.0045

Run 4530 quartetwise, Diffs



Cycle 16, Sums

Entries: 1186

Mean: 11.1178 +/- 0.0087

Std Dev: 0.2993 +/- 0.0061

Entries: 4844

Mean: 20.8527 +/- 0.0097

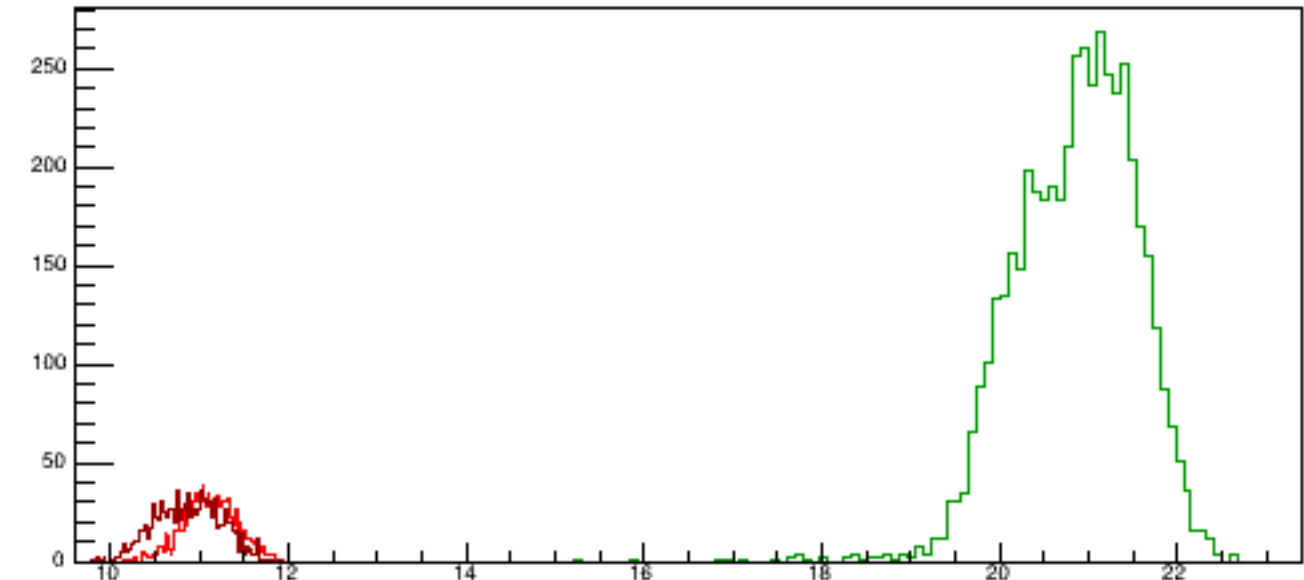
Std Dev: 0.6776 +/- 0.0069

Entries: 1210

Mean: 10.8773 +/- 0.0106

Std Dev: 0.3671 +/- 0.0075

Run 4530 quartetwise, Sums



Cycle 16, Asyms

Entries: 1186

Mean: -0.0008 +/- 0.0007

Std Dev: 0.0225 +/- 0.0005

Entries: 4844

Mean: -0.0154 +/- 0.0005

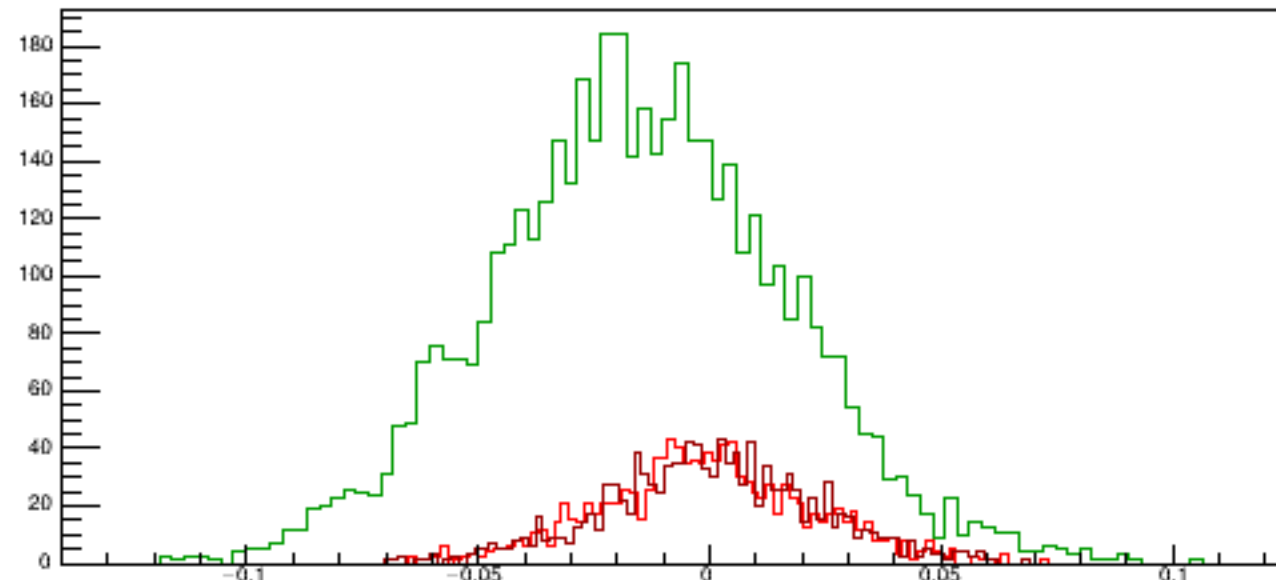
Std Dev: 0.0320 +/- 0.0003

Entries: 1210

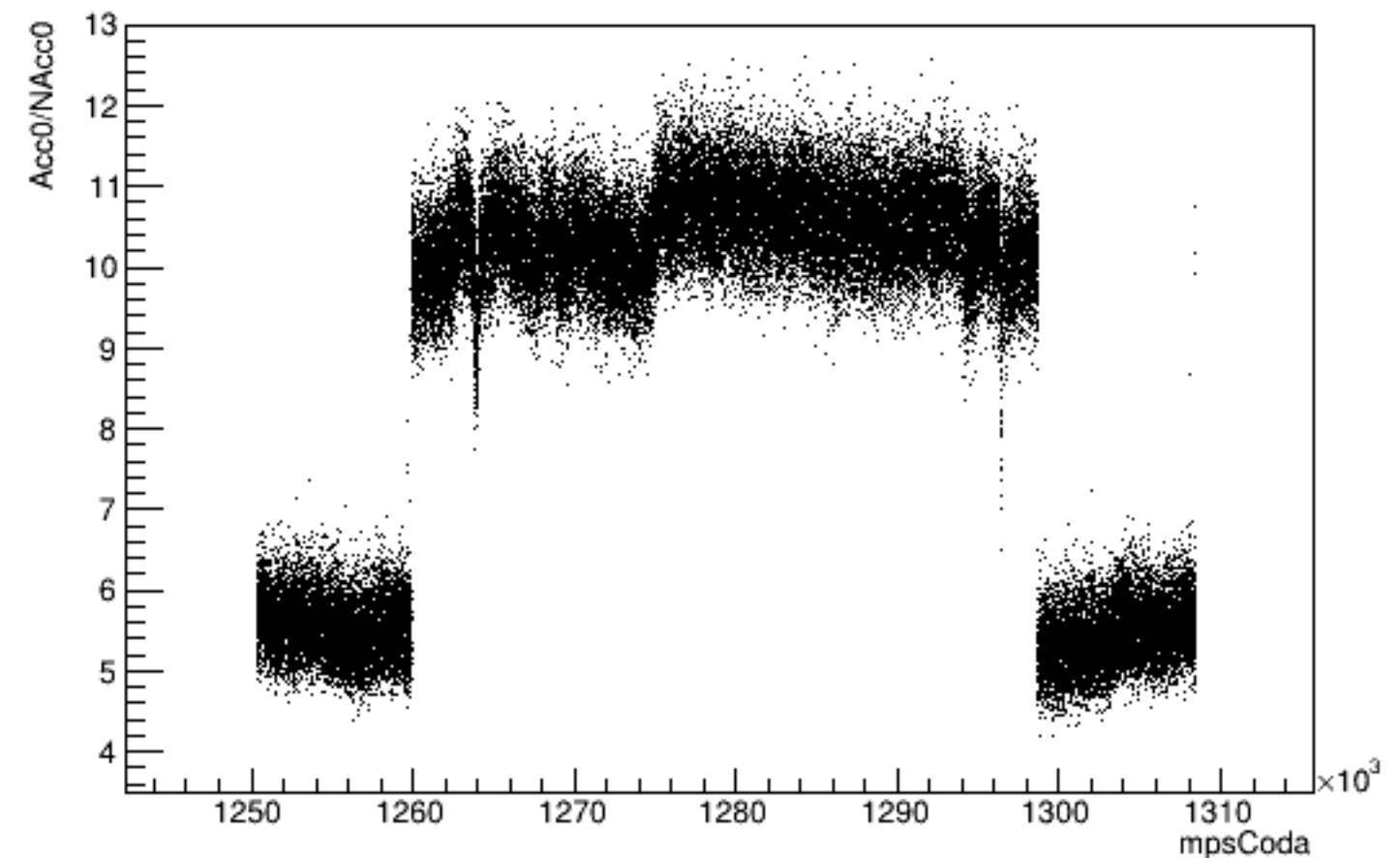
Mean: 0.0001 +/- 0.0007

Std Dev: 0.0227 +/- 0.0005

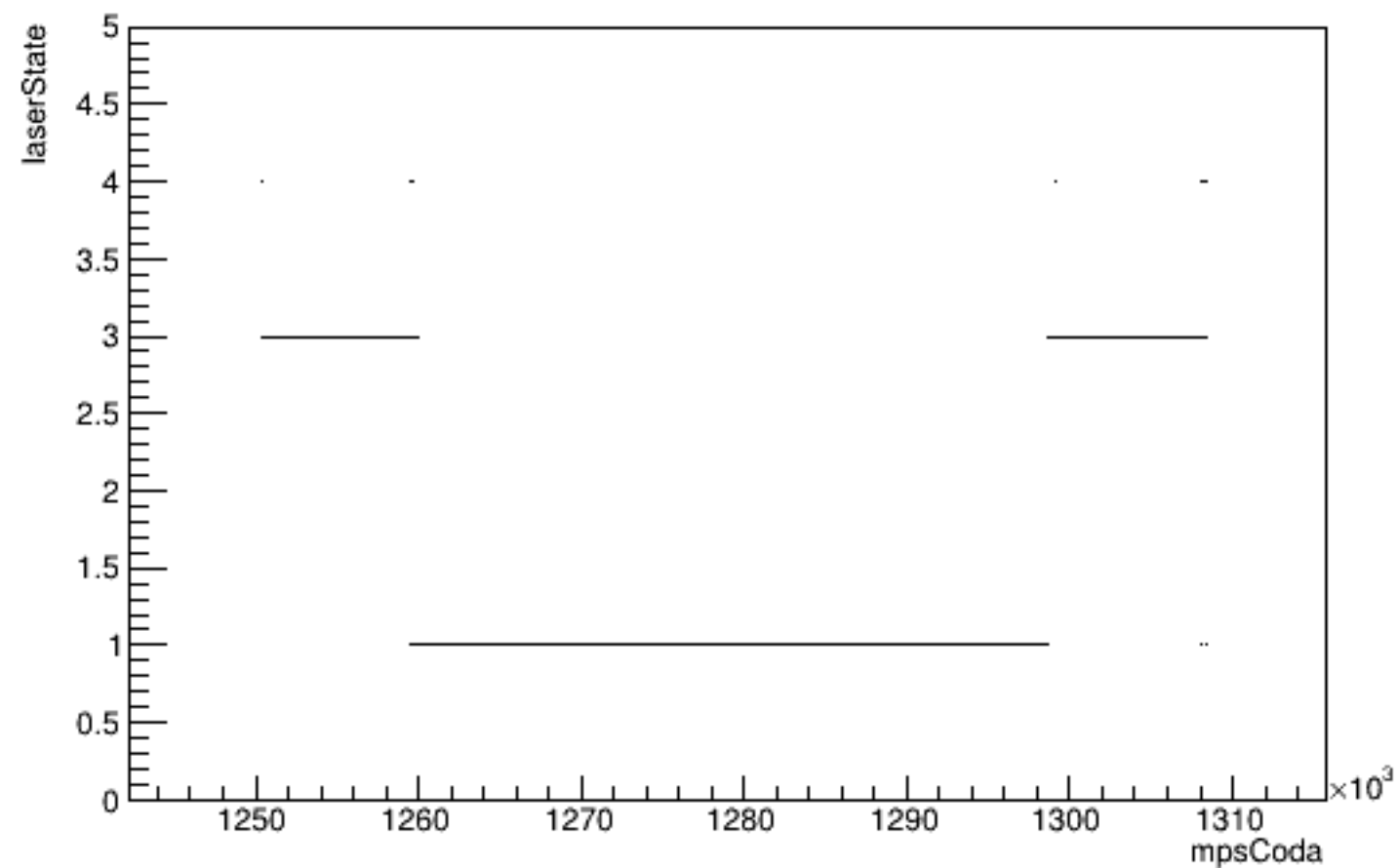
Run 4530 quartetwise, Asyms



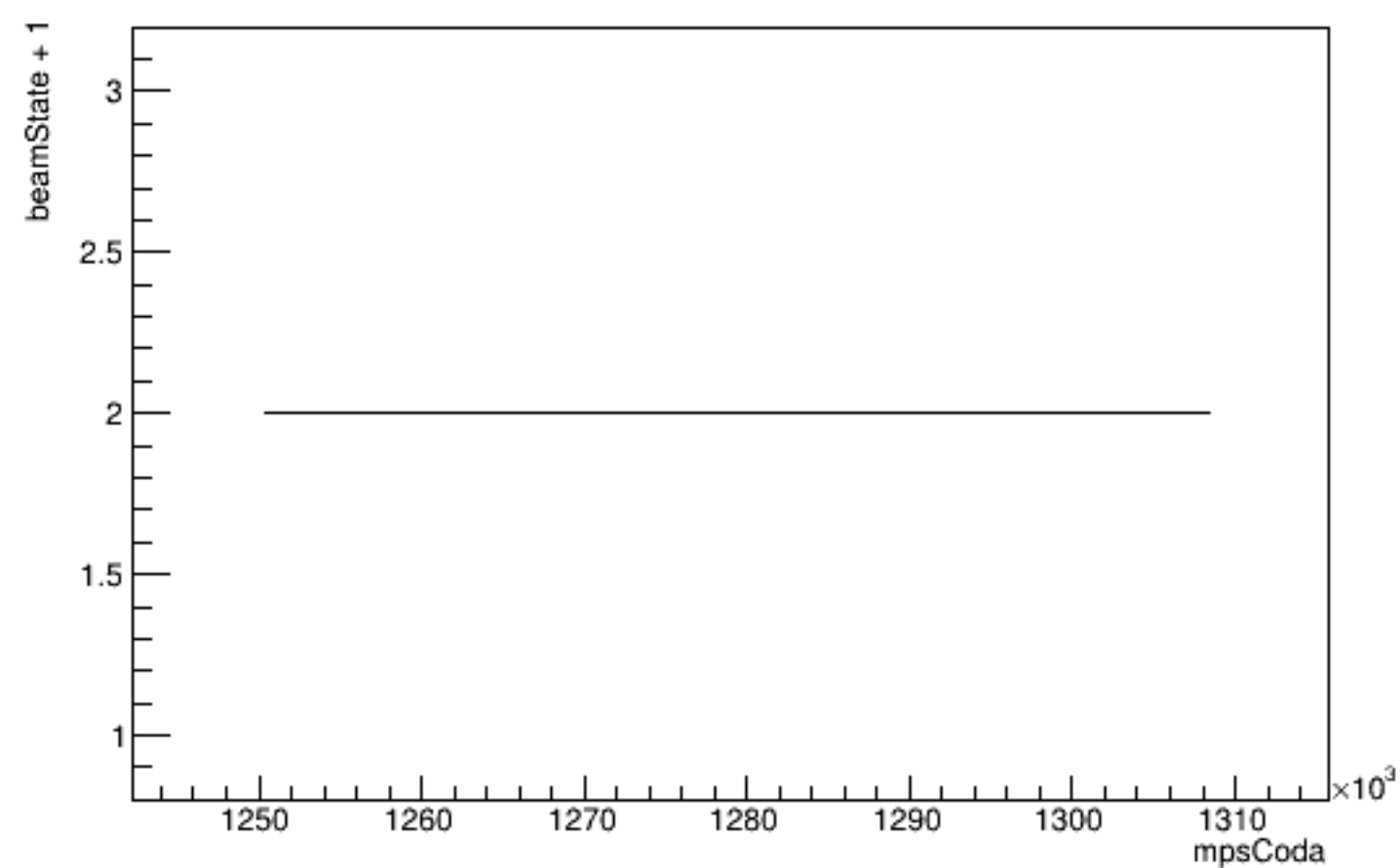
Acc0/NAcc0:mpsCoda (mpsCoda>=1250319 && mpsCoda<=1308438 && beamState==1)



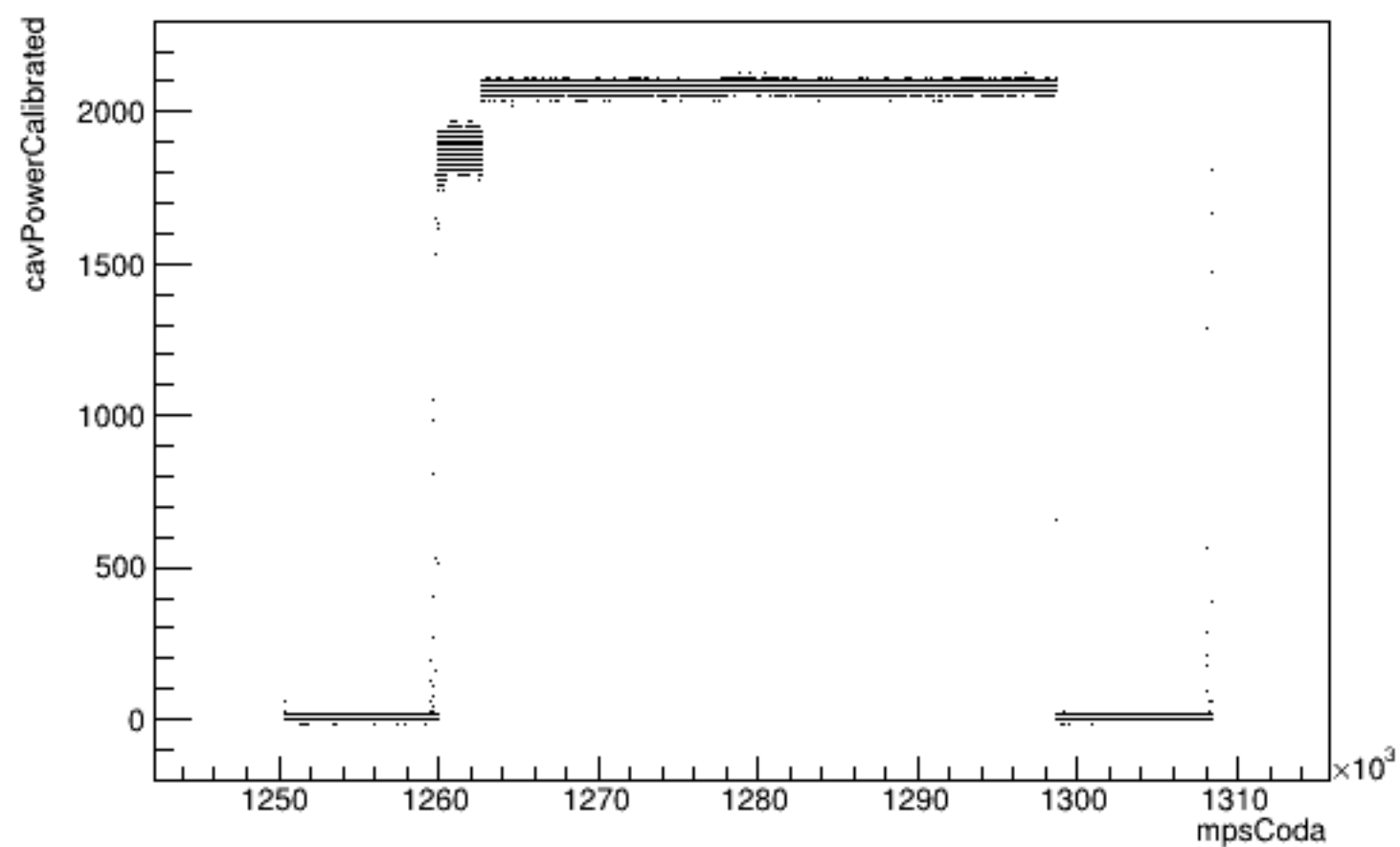
laserState:mpsCoda {mpsCoda>=1250319 && mpsCoda<=1308438}



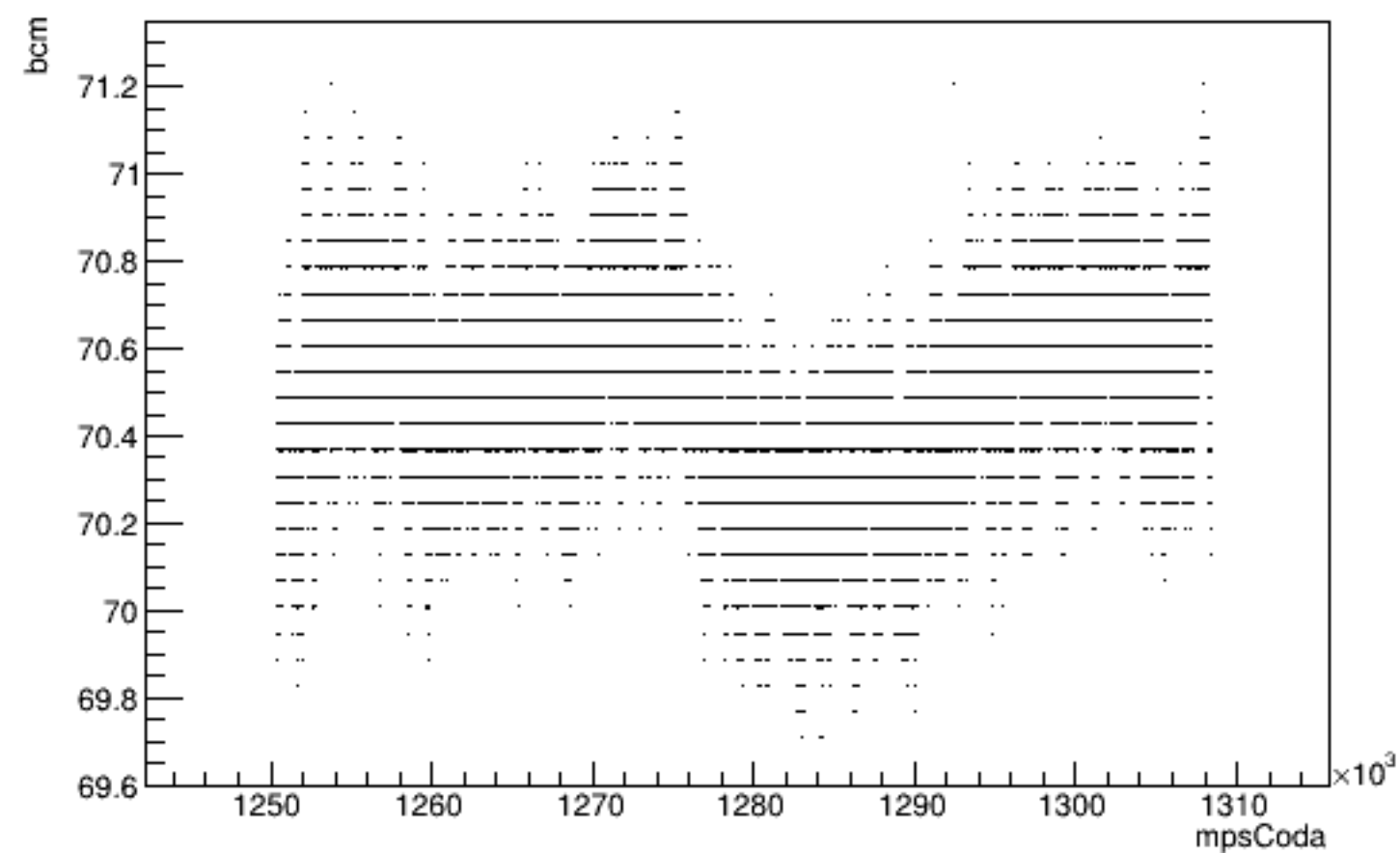
beamState + 1:mpsCoda {mpsCoda>=1250319 && mpsCoda<=1308438}



cavPowerCalibrated:mpsCoda {mpsCoda>=1250319 && mpsCoda<=1308438}



bcm:mpsCoda {mpsCoda>=1250319 && mpsCoda<=1308438}



Cycle 17, Diffs

Entries: 1210

Mean: 0.0008 +/- 0.0064

Std Dev: 0.2235 +/- 0.0045

Entries: 2692

Mean: -0.1444 +/- 0.0060

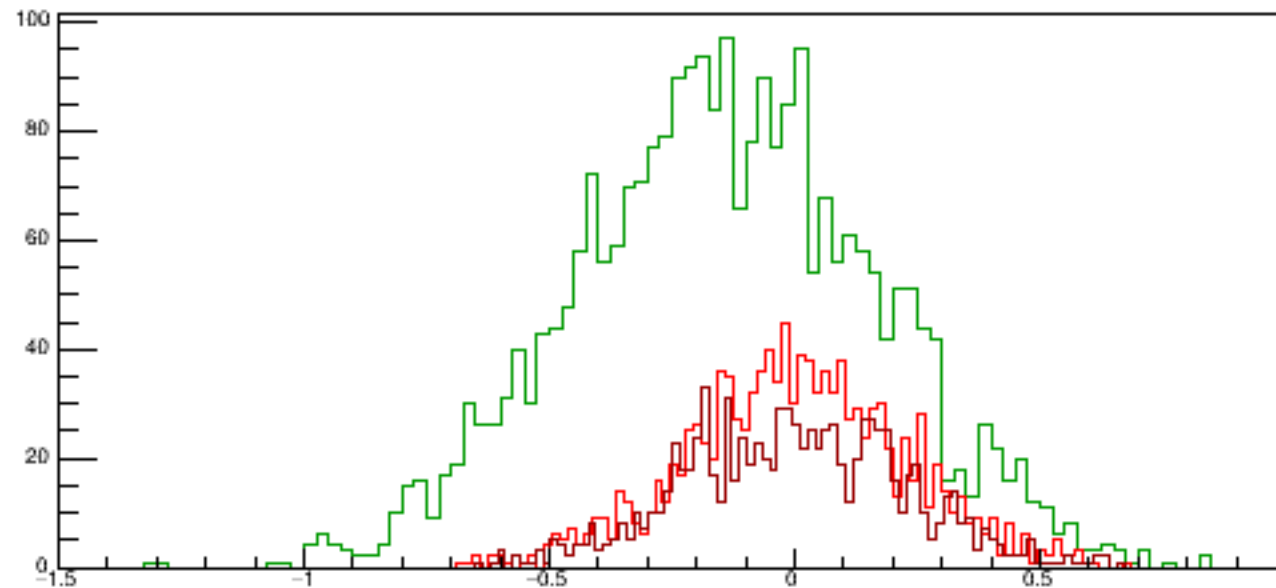
Std Dev: 0.3093 +/- 0.0042

Entries: 944

Mean: -0.0031 +/- 0.0073

Std Dev: 0.2257 +/- 0.0052

Run 4530 quartetwise, Diffs



Cycle 17, Sums

Entries: 1210

Mean: 10.8773 +/- 0.0106

Std Dev: 0.3671 +/- 0.0075

Entries: 2692

Mean: 20.3430 +/- 0.0120

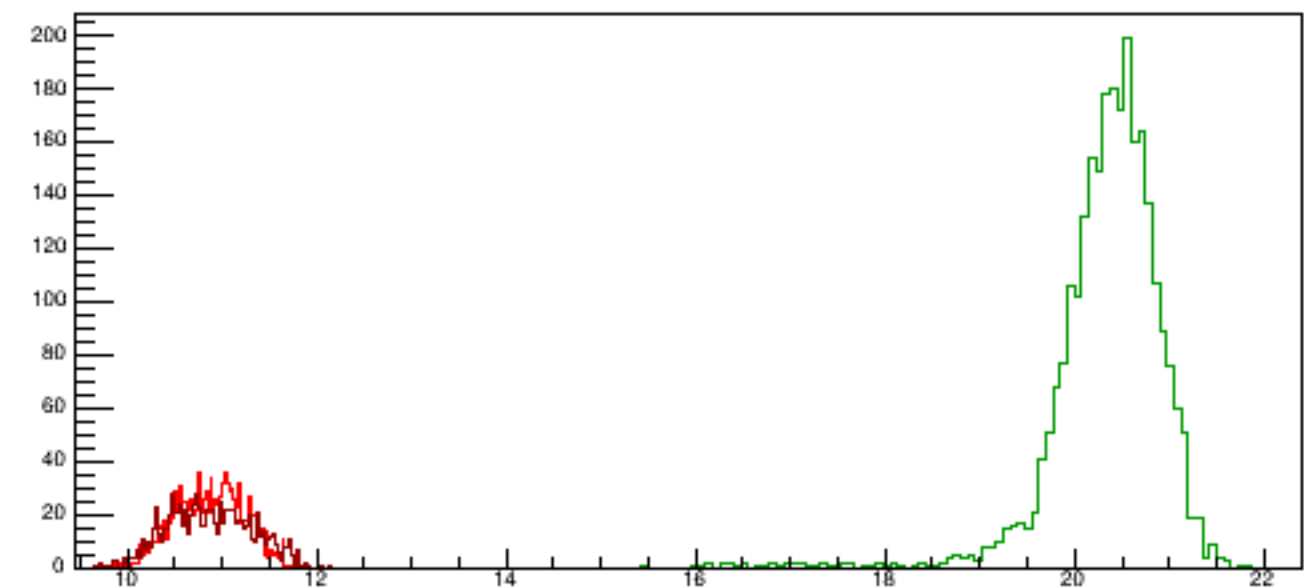
Std Dev: 0.6252 +/- 0.0085

Entries: 944

Mean: 10.8706 +/- 0.0148

Std Dev: 0.4533 +/- 0.0104

Run 4530 quartetwise, Sums



Cycle 17, Asyms

Entries: 1210

Mean: 0.0001 +/- 0.0007

Std Dev: 0.0236 +/- 0.0005

Entries: 2692

Mean: -0.0153 +/- 0.0006

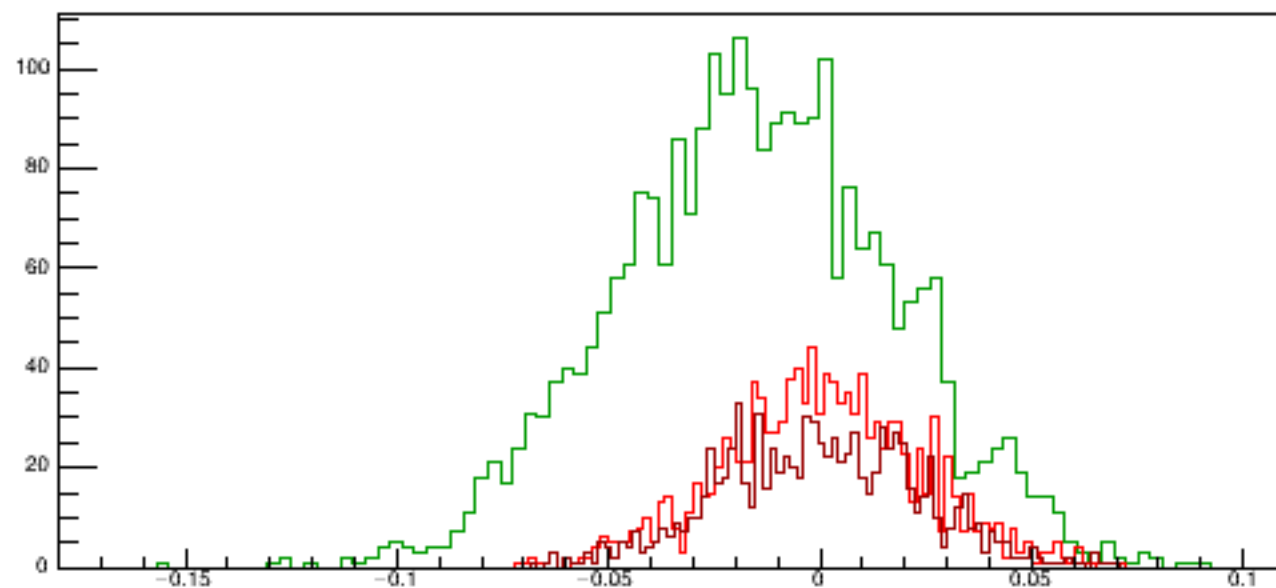
Std Dev: 0.0330 +/- 0.0004

Entries: 944

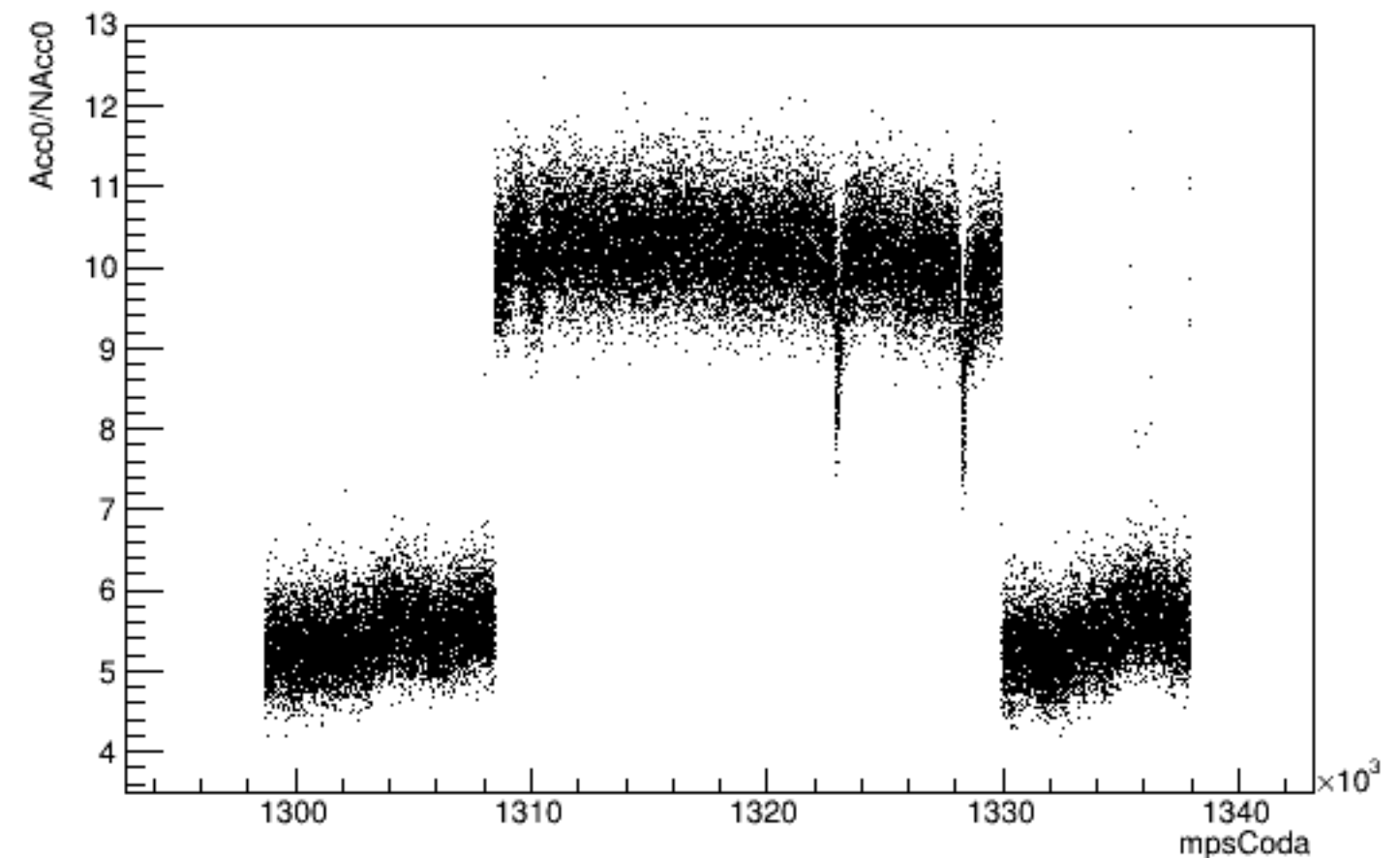
Mean: -0.0003 +/- 0.0008

Std Dev: 0.0238 +/- 0.0005

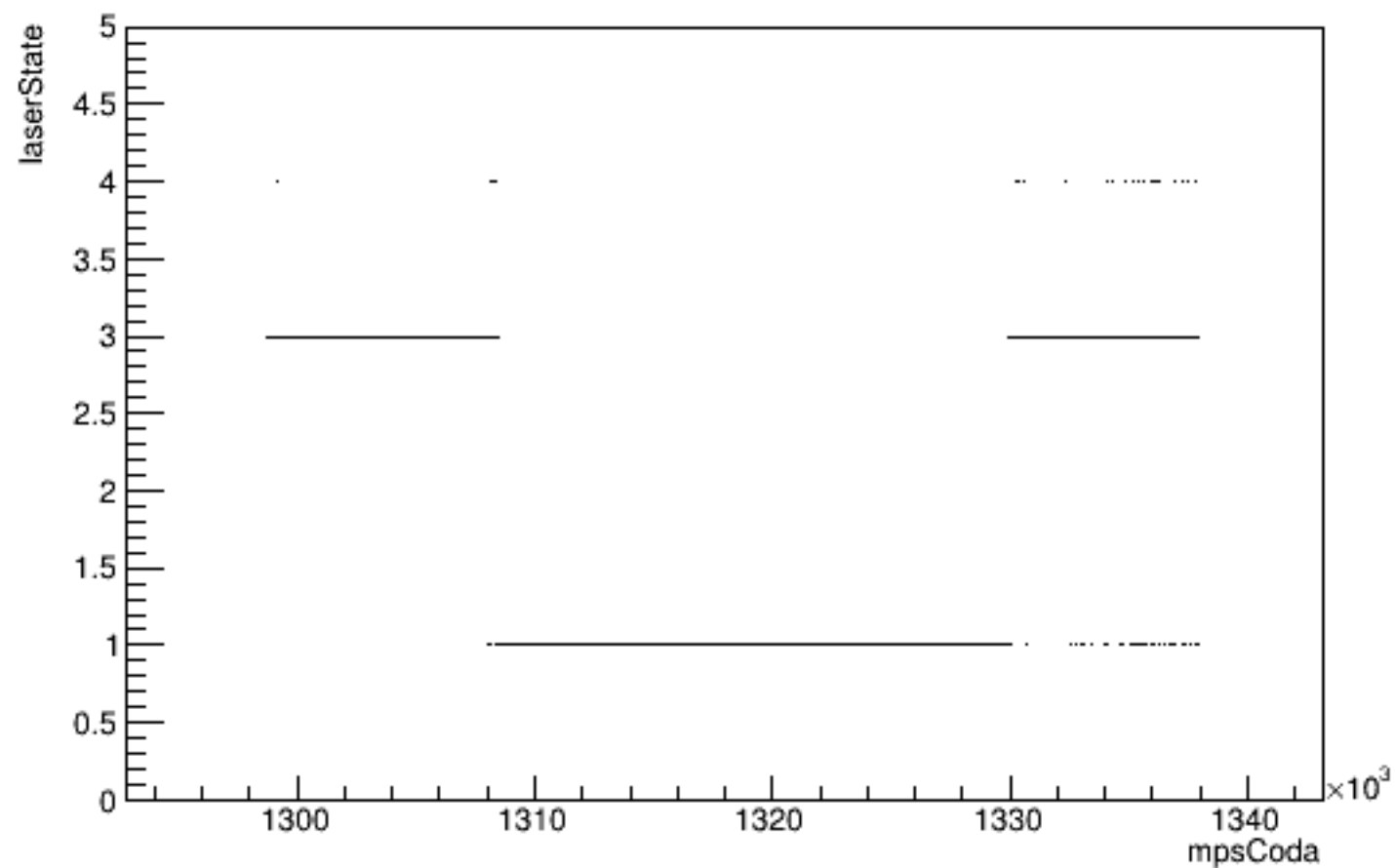
Run 4530 quartetwise, Asyms



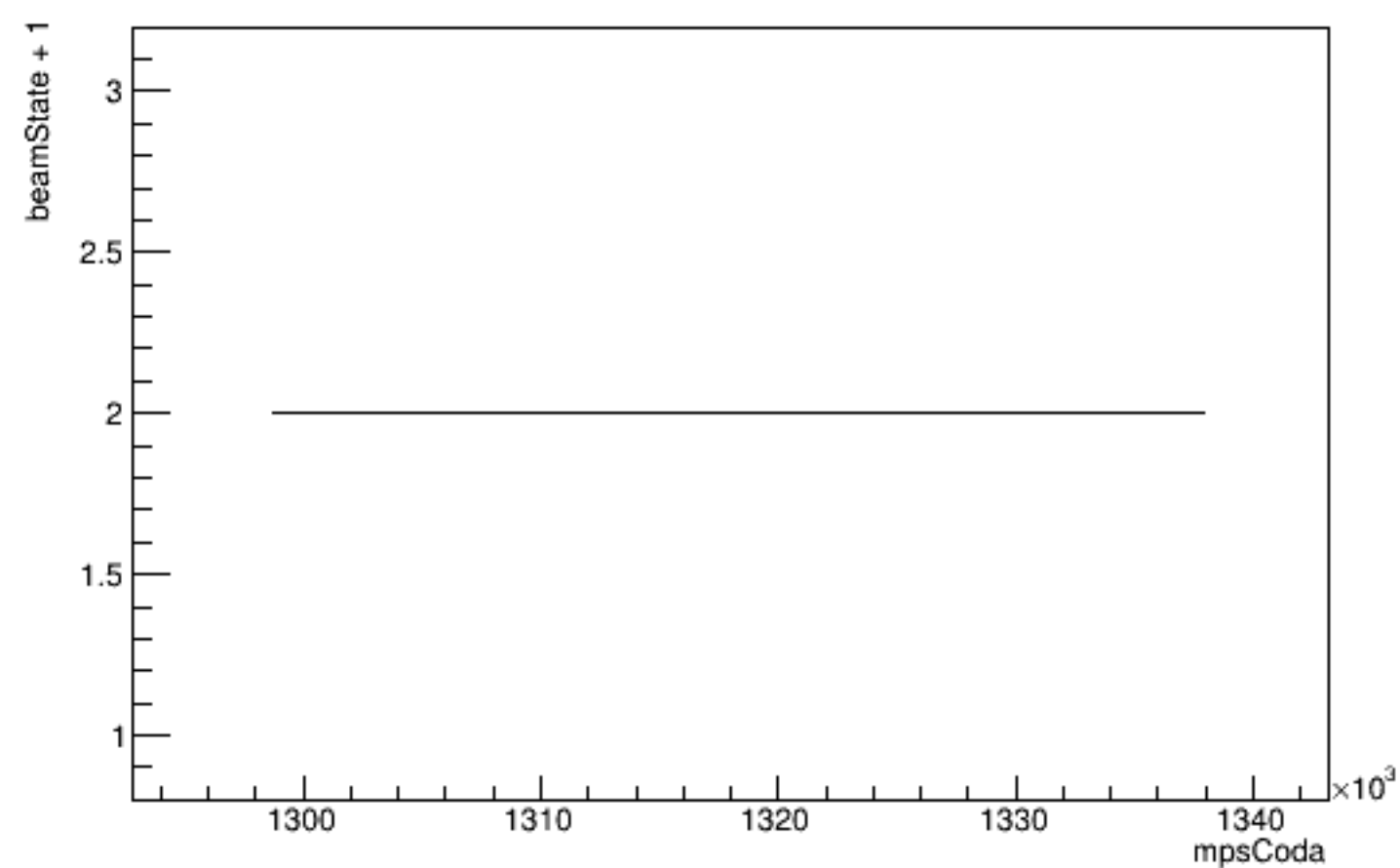
Acc0/NAcc0:mpsCoda (mpsCoda>=1298679 && mpsCoda<=1337950 && beamState==1)



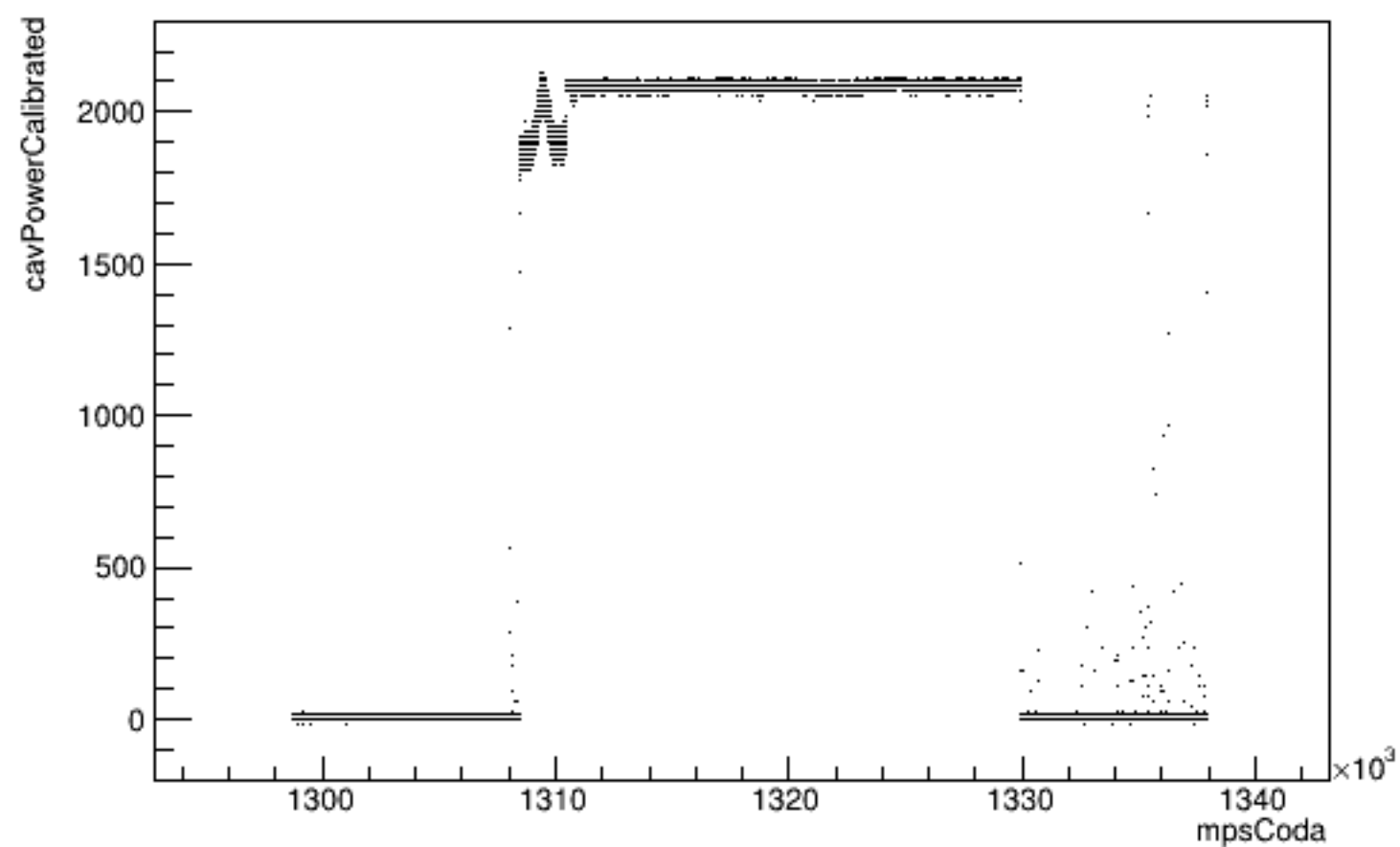
laserState:mpsCoda {mpsCoda>=1298679 && mpsCoda<=1337950}



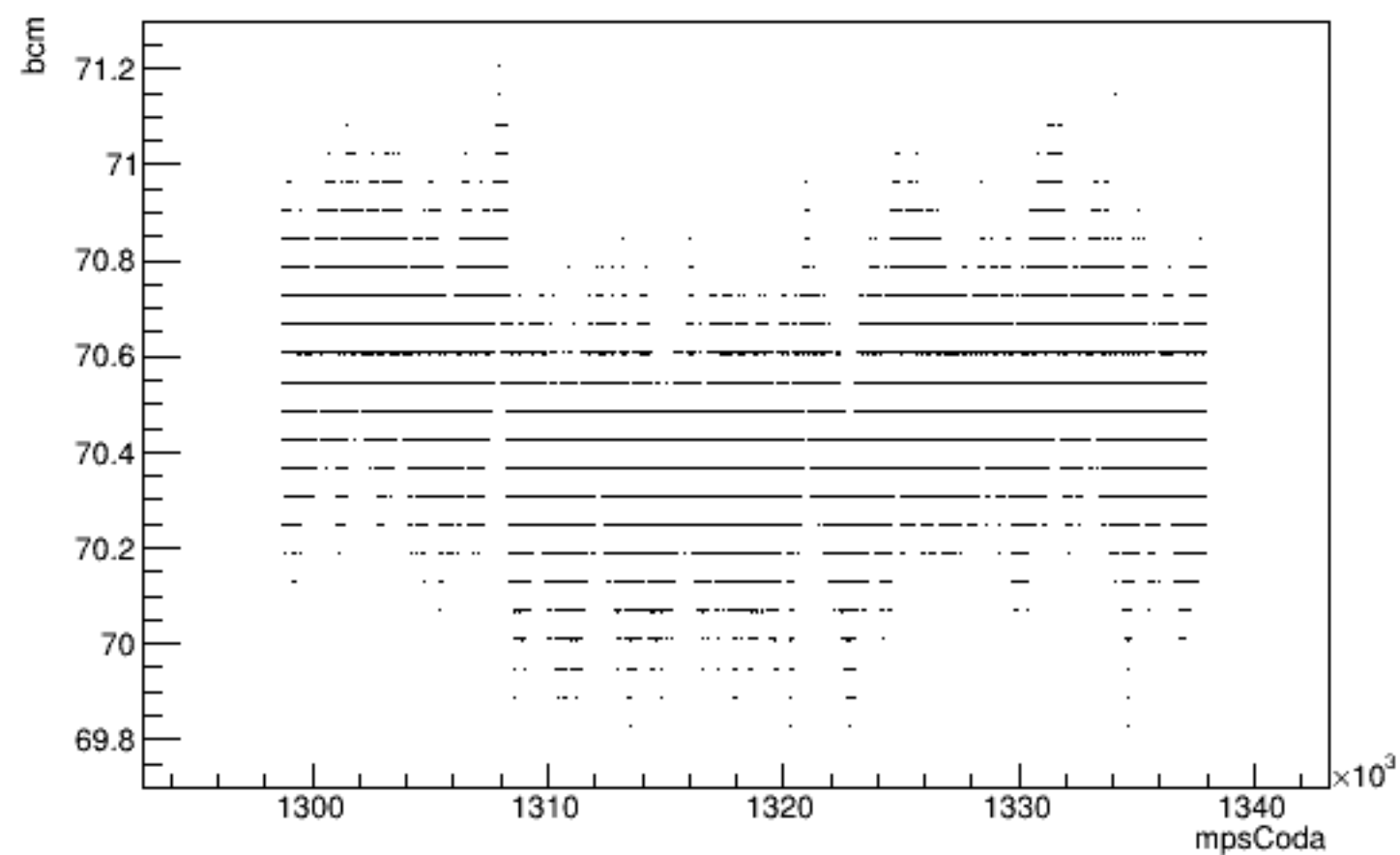
beamState + 1:mpsCoda {mpsCoda>=1298679 && mpsCoda<=1337950}



cavPowerCalibrated:mpsCoda {mpsCoda>=1298679 && mpsCoda<=1337950}

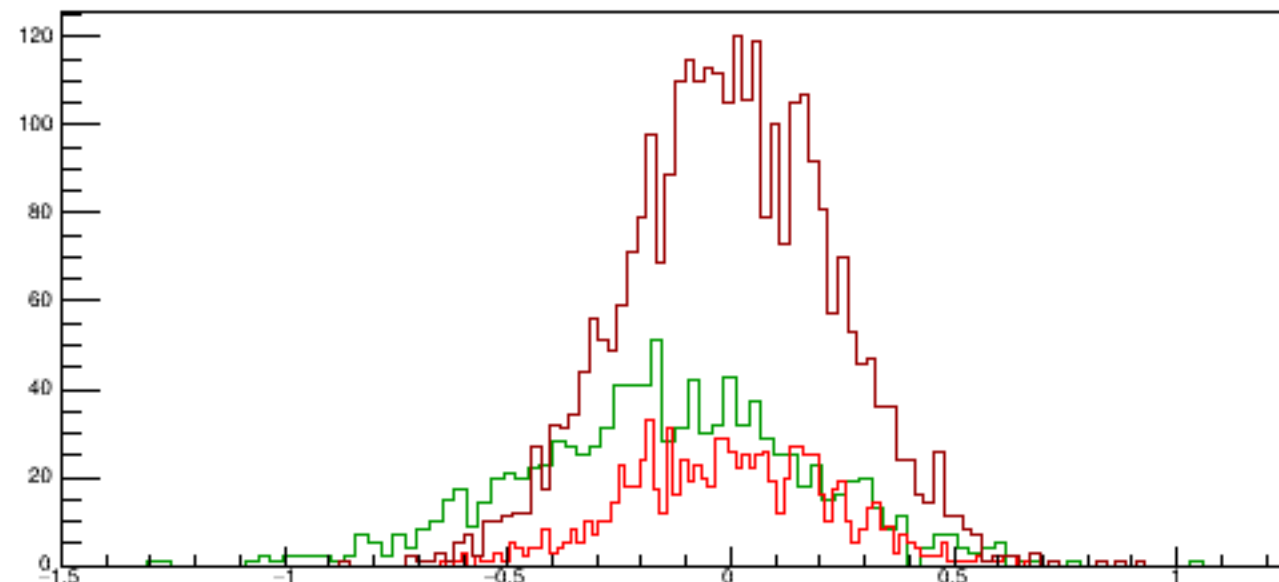


bcm:mpsCoda {mpsCoda>=1298679 && mpsCoda<=1337950}



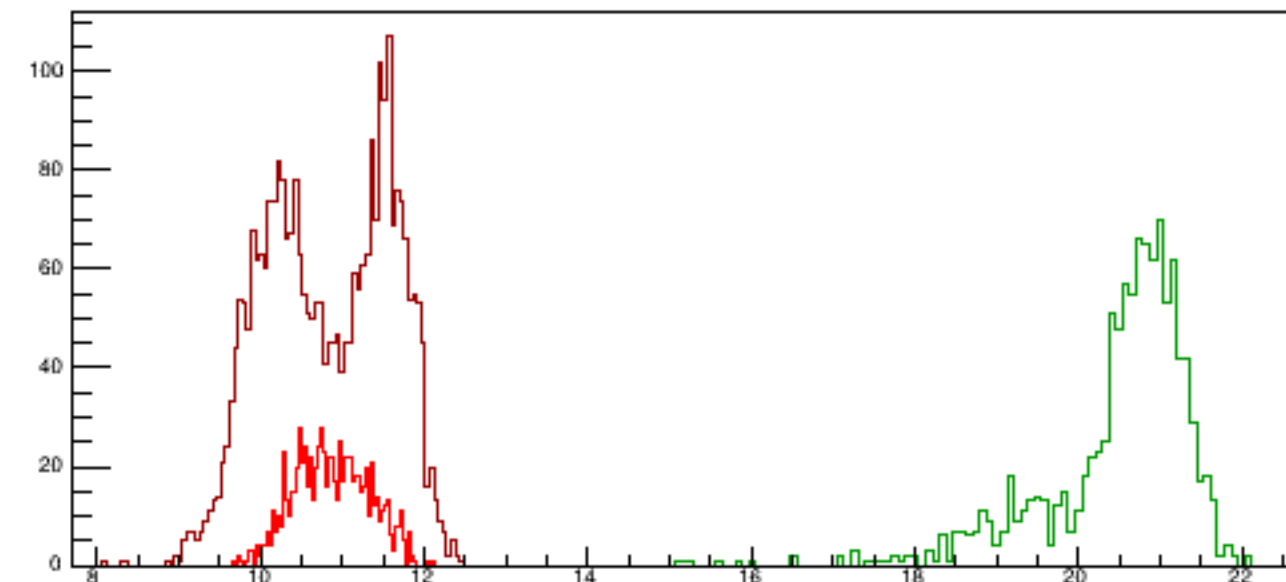
Cycle 18, Diffs

Entries: 944	Entries: 1068	Entries: 3031
Mean: -0.0031 +/- 0.0073	Mean: -0.1466 +/- 0.0097	Mean: -0.0028 +/- 0.0042
Std Dev: 0.2257 +/- 0.0052	Std Dev: 0.3169 +/- 0.0069	Std Dev: 0.2304 +/- 0.0030
Run 4530 quartetwise, Diffs		



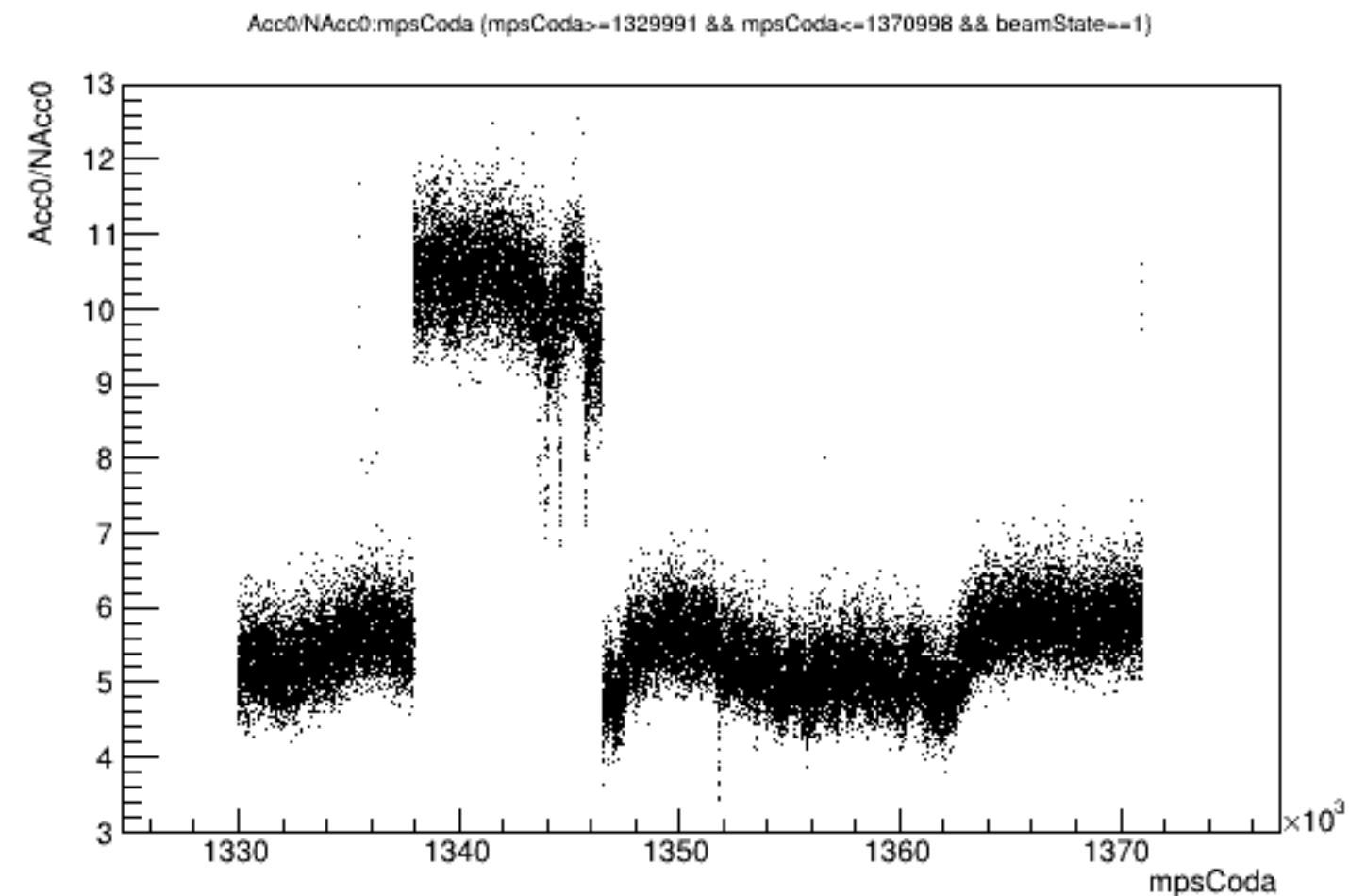
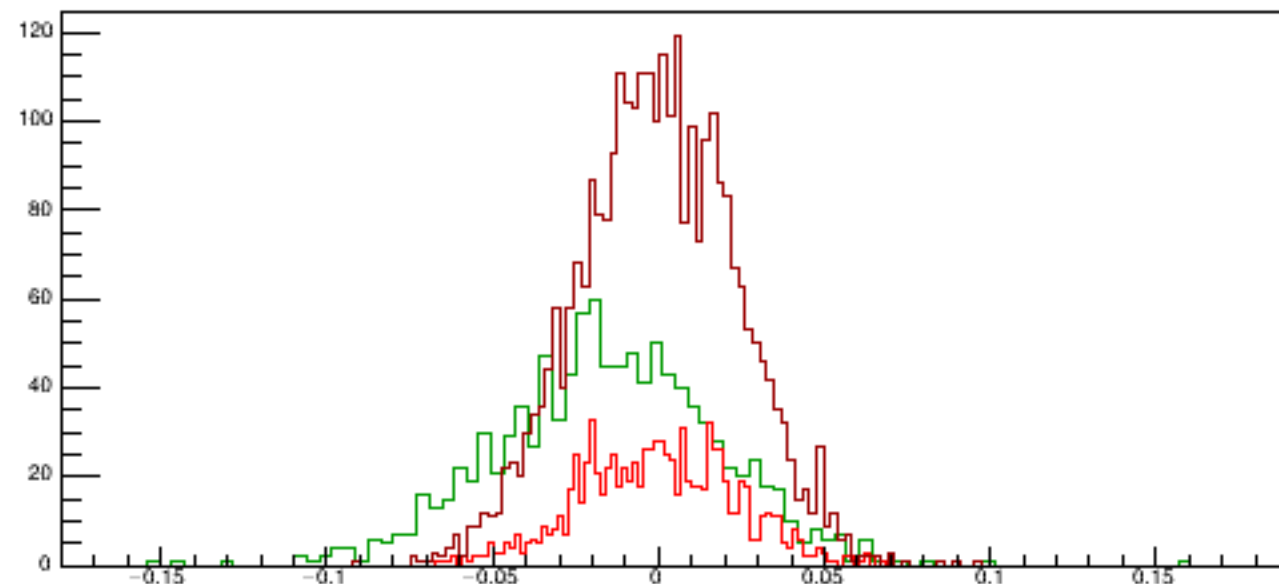
Cycle 18, Sums

Entries: 944	Entries: 1068	Entries: 3031
Mean: 10.8706 +/- 0.0148	Mean: 20.4874 +/- 0.0282	Mean: 10.8273 +/- 0.0138
Std Dev: 0.4533 +/- 0.0104	Std Dev: 0.9223 +/- 0.0200	Std Dev: 0.7595 +/- 0.0098
Run 4530 quartetwise, Sums		

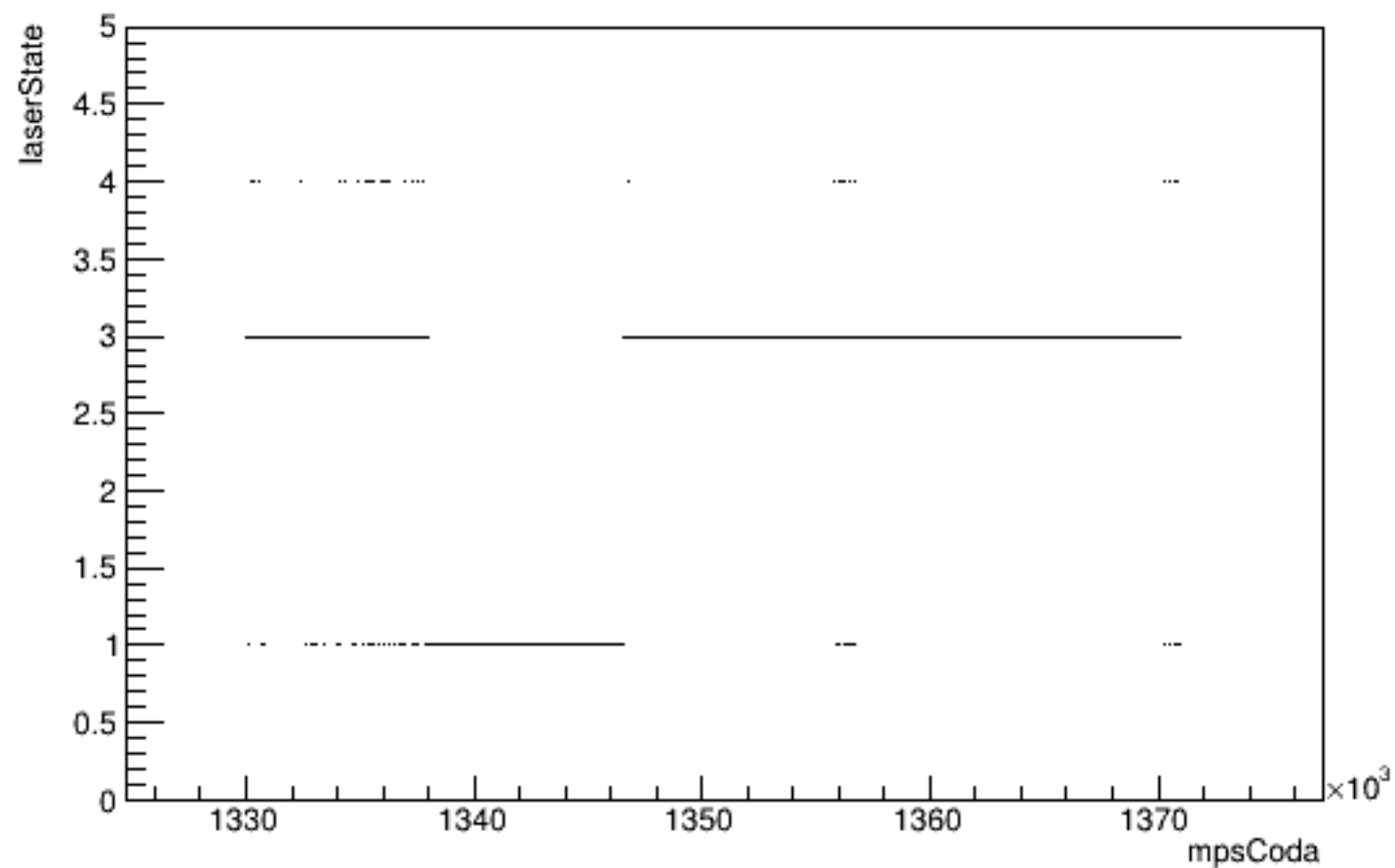


Cycle 18, Asyms

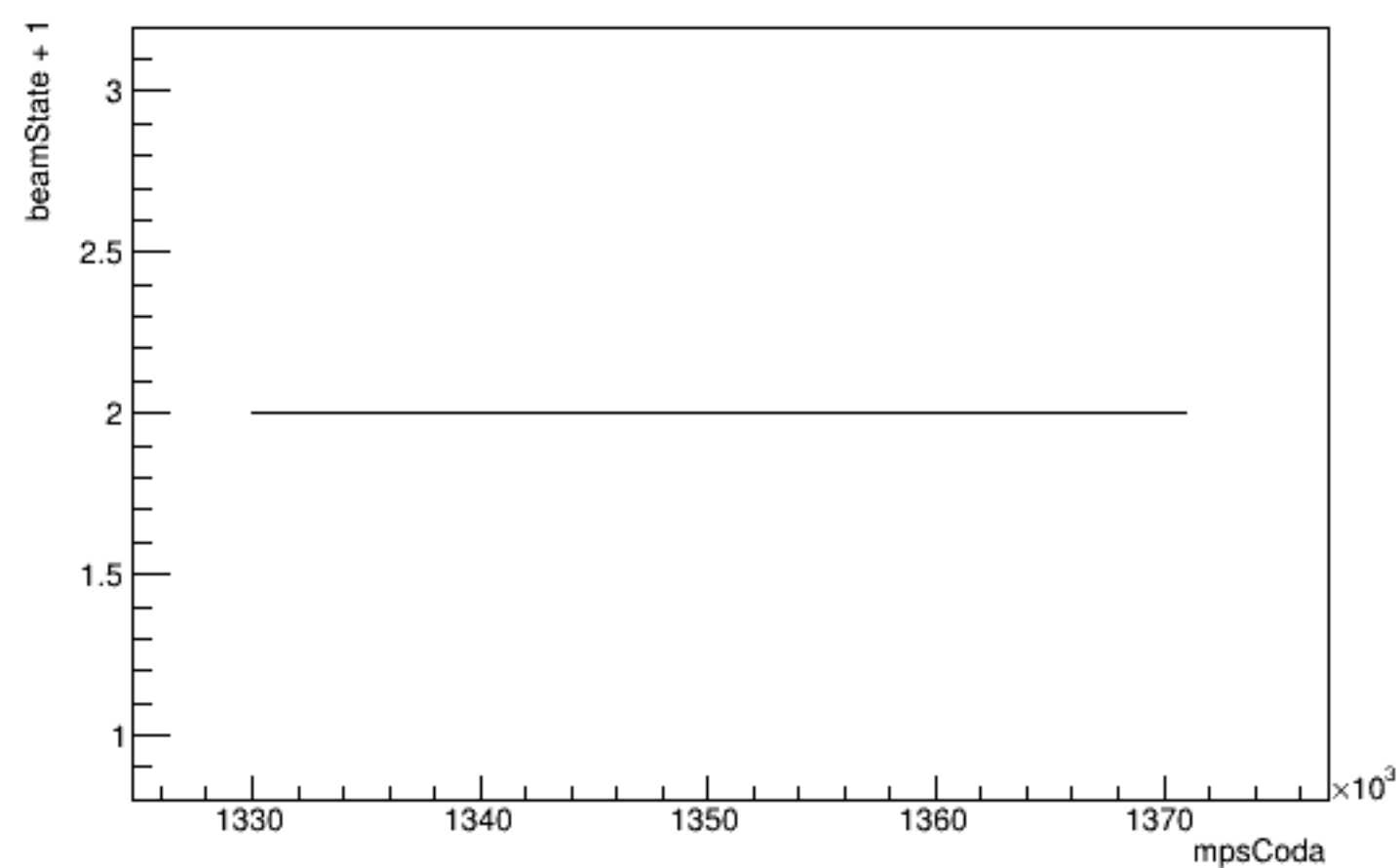
Entries: 944	Entries: 1068	Entries: 3031
Mean: -0.0003 +/- 0.0008	Mean: -0.0151 +/- 0.0010	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0234 +/- 0.0005	Std Dev: 0.0335 +/- 0.0007	Std Dev: 0.0239 +/- 0.0003
Run 4530 quartetwise, Asyms		



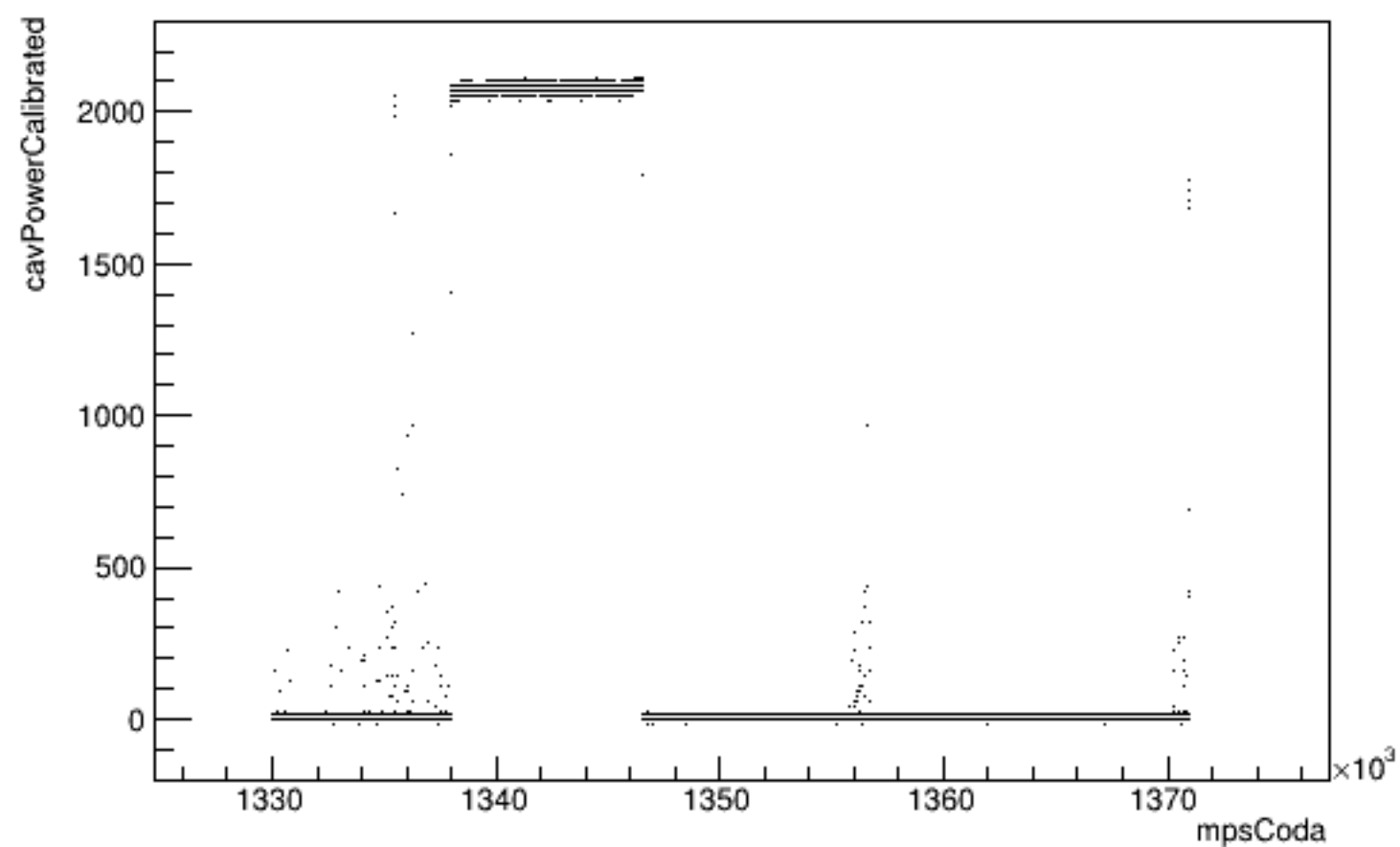
laserState:mpsCoda {mpsCoda>=1329991 && mpsCoda<=1370998}



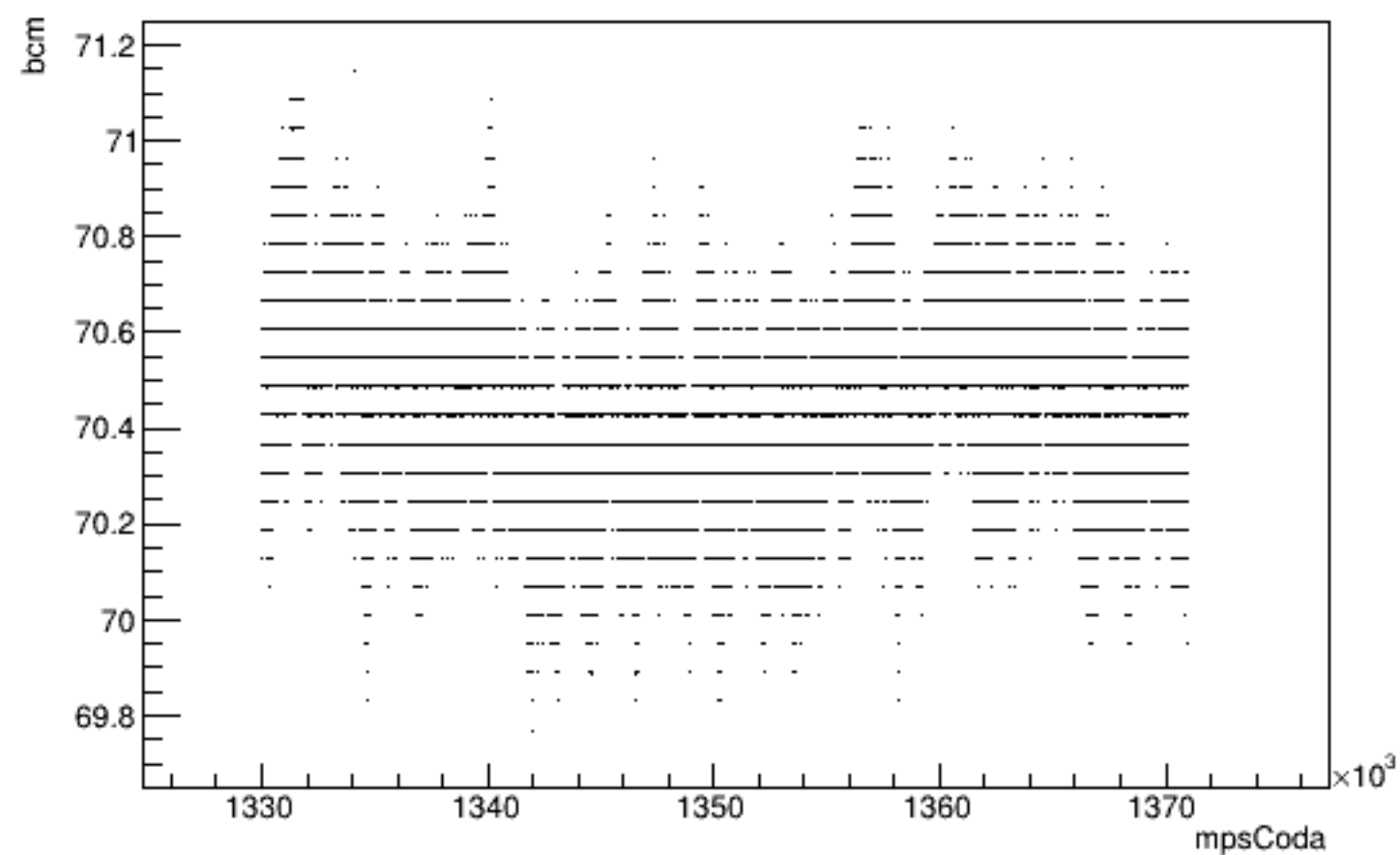
beamState + 1:mpsCoda {mpsCoda>=1329991 && mpsCoda<=1370998}



cavPowerCalibrated:mpsCoda {mpsCoda>=1329991 && mpsCoda<=1370998}



bcm:mpsCoda {mpsCoda>=1329991 && mpsCoda<=1370998}



Cycle 19, Diffs

Entries: 3031

Mean: -0.0028 +/- 0.0042

Std Dev: 0.2304 +/- 0.0030

Entries: 4736

Mean: -0.1408 +/- 0.0045

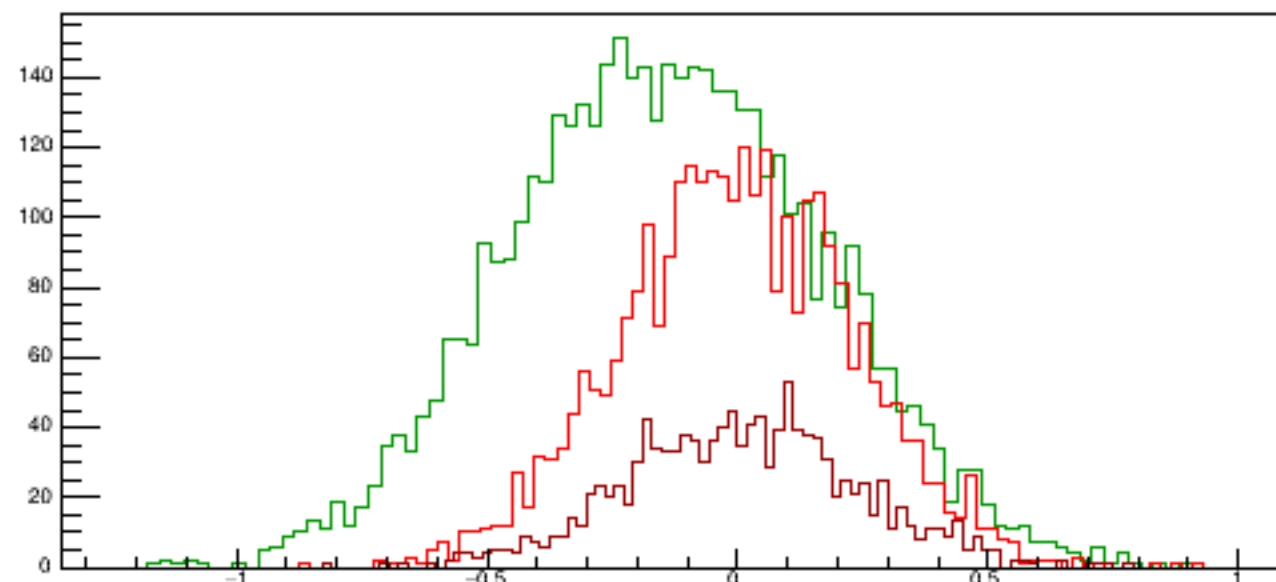
Std Dev: 0.3088 +/- 0.0032

Entries: 1245

Mean: 0.0081 +/- 0.0065

Std Dev: 0.2305 +/- 0.0046

Run 4530 quartetwise, Diffs



Cycle 19, Sums

Entries: 3031

Mean: 10.8273 +/- 0.0138

Std Dev: 0.7595 +/- 0.0098

Entries: 4736

Mean: 21.5753 +/- 0.0060

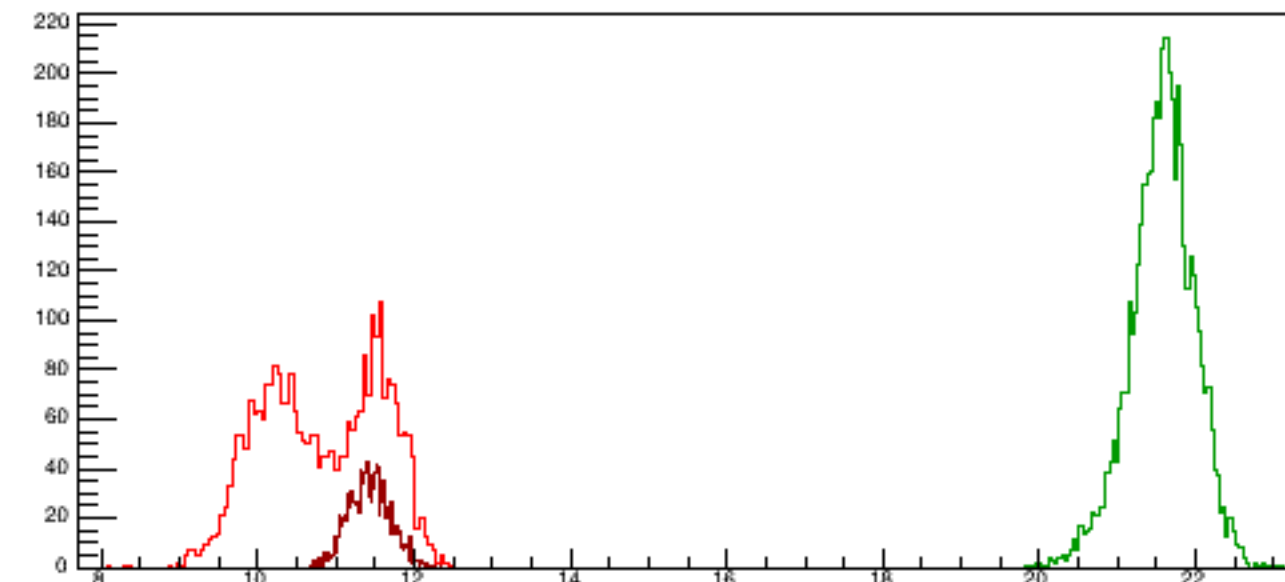
Std Dev: 0.4119 +/- 0.0042

Entries: 1245

Mean: 11.4278 +/- 0.0076

Std Dev: 0.2692 +/- 0.0054

Run 4530 quartetwise, Sums



Cycle 19, Asyms

Entries: 3031

Mean: -0.0003 +/- 0.0004

Std Dev: 0.0220 +/- 0.0003

Entries: 4736

Mean: -0.0135 +/- 0.0004

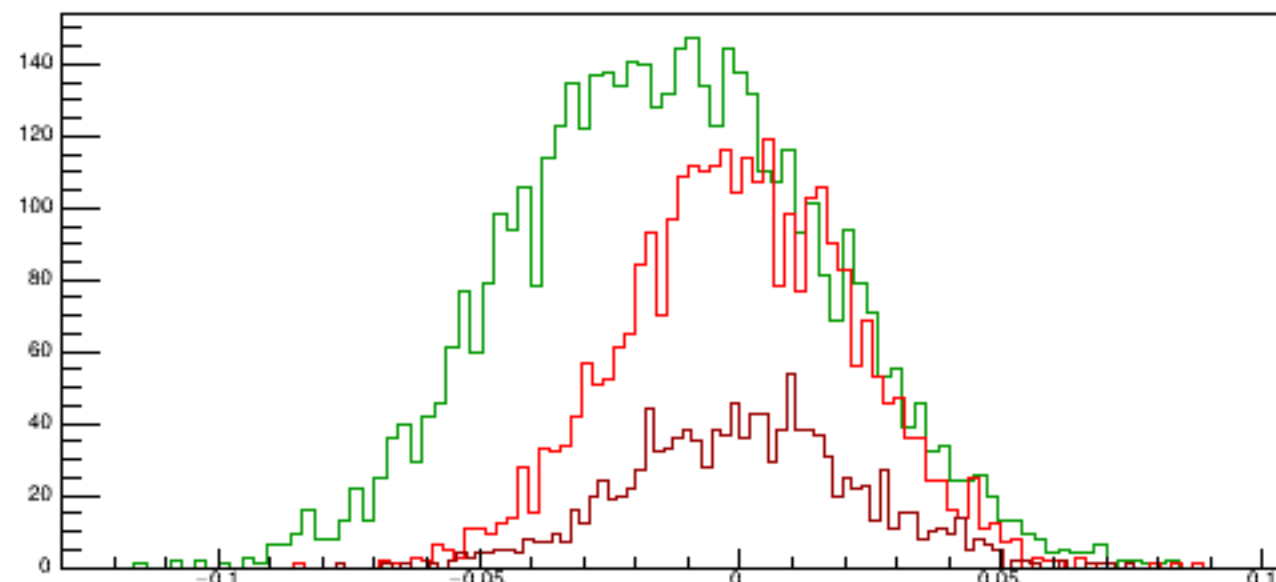
Std Dev: 0.0296 +/- 0.0003

Entries: 1245

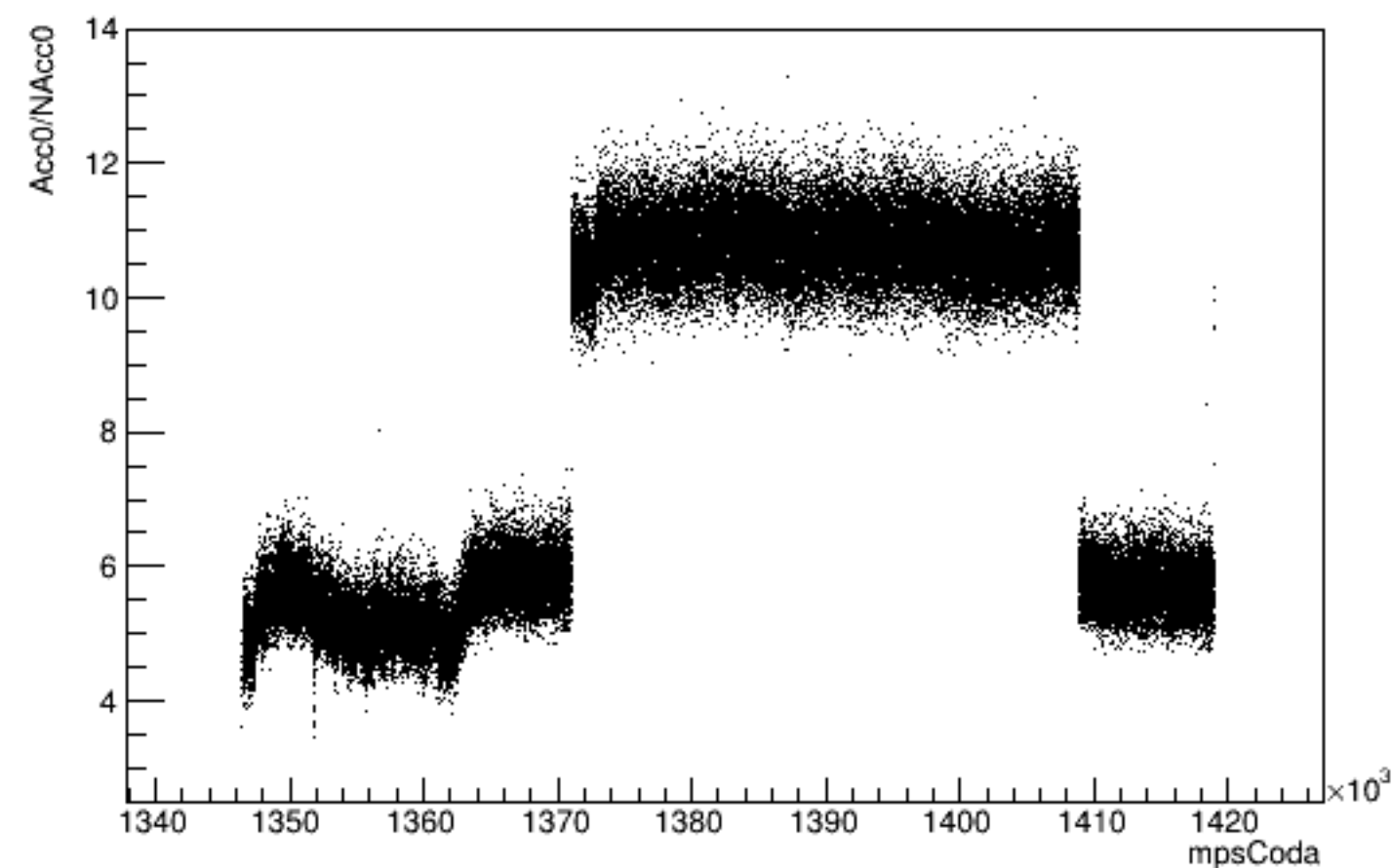
Mean: 0.0008 +/- 0.0006

Std Dev: 0.0221 +/- 0.0004

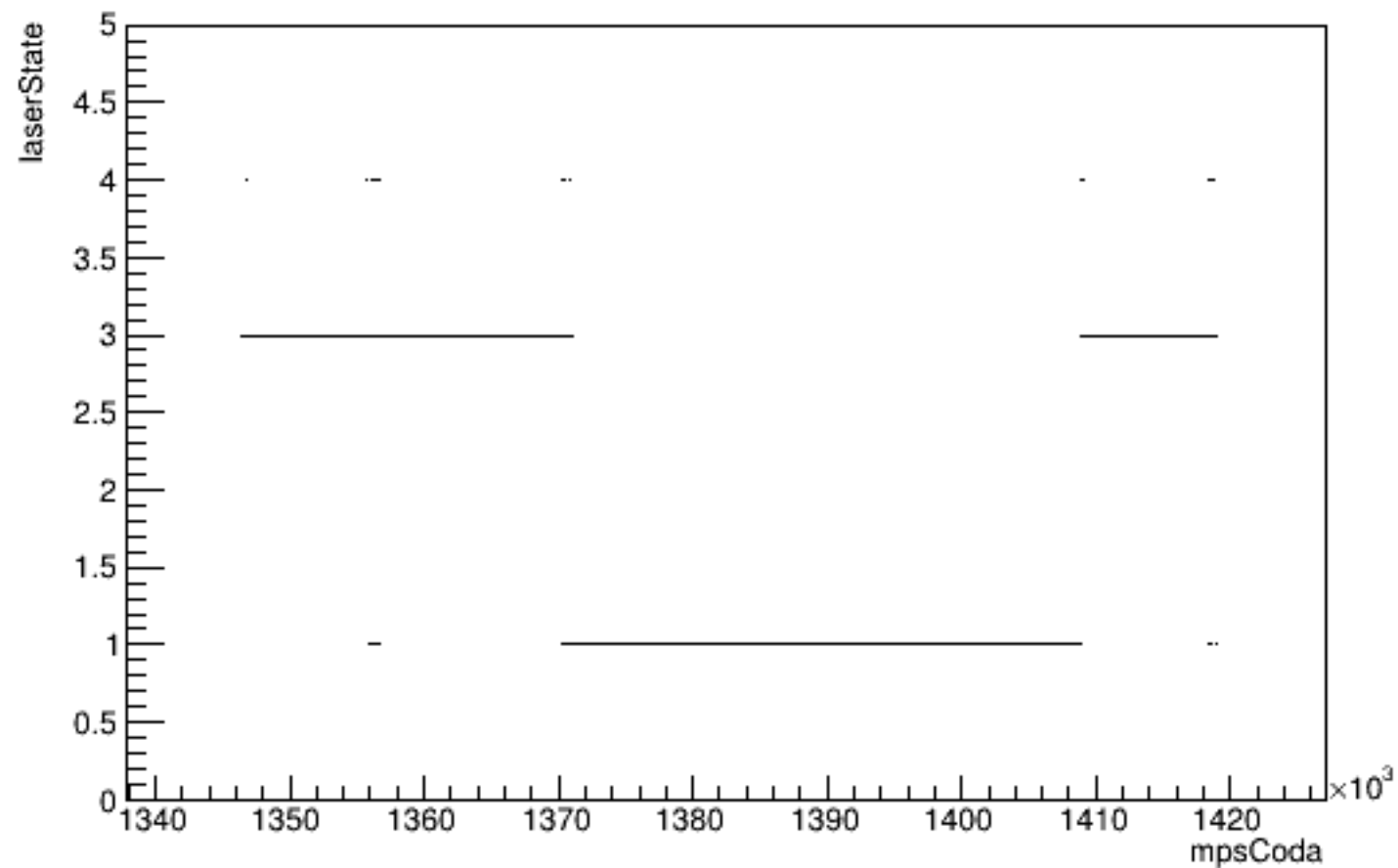
Run 4530 quartetwise, Asyms



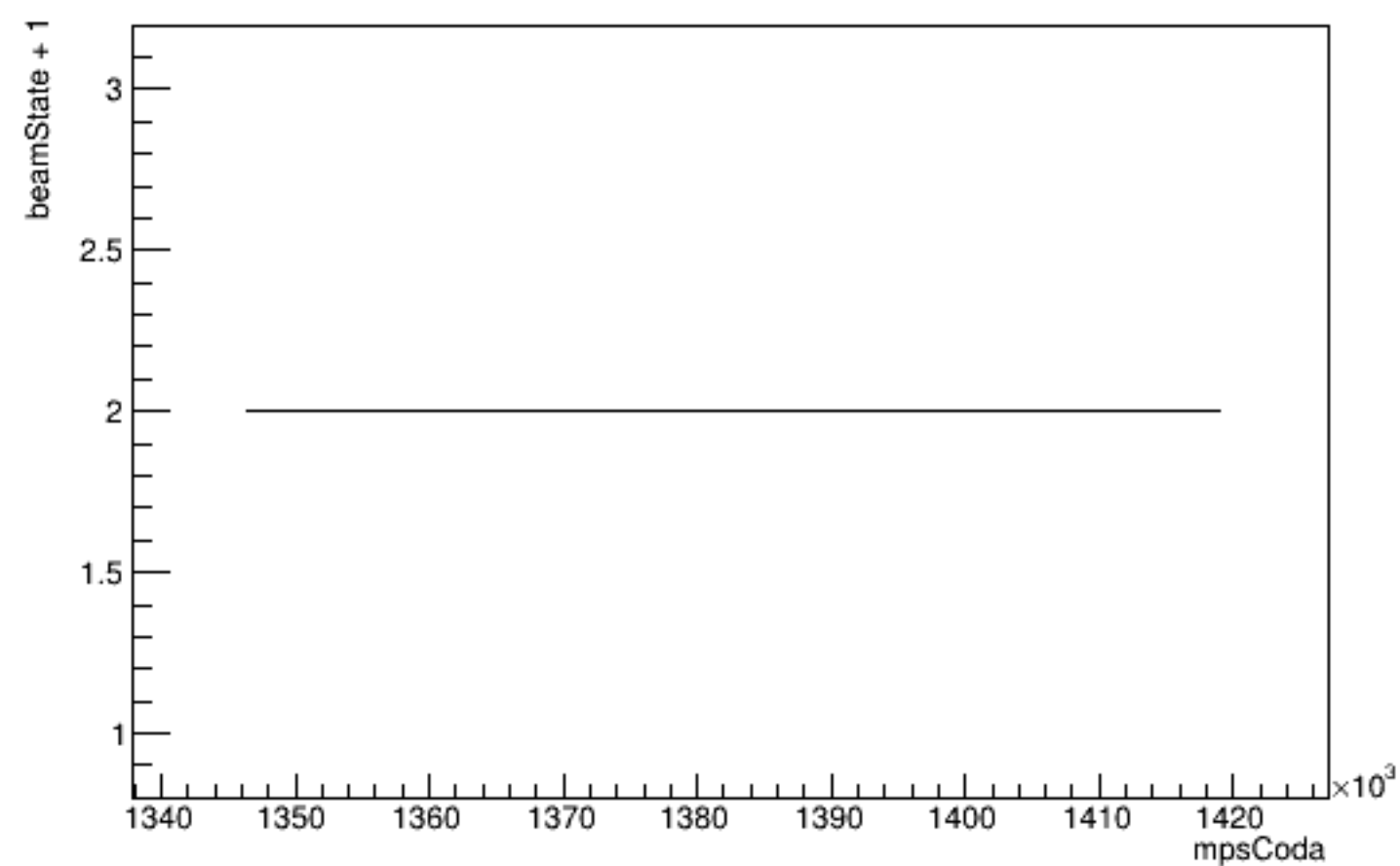
Acc0/NAcc0:mpsCoda (mpsCoda>=1346495 && mpsCoda<=1418934 && beamState==1)



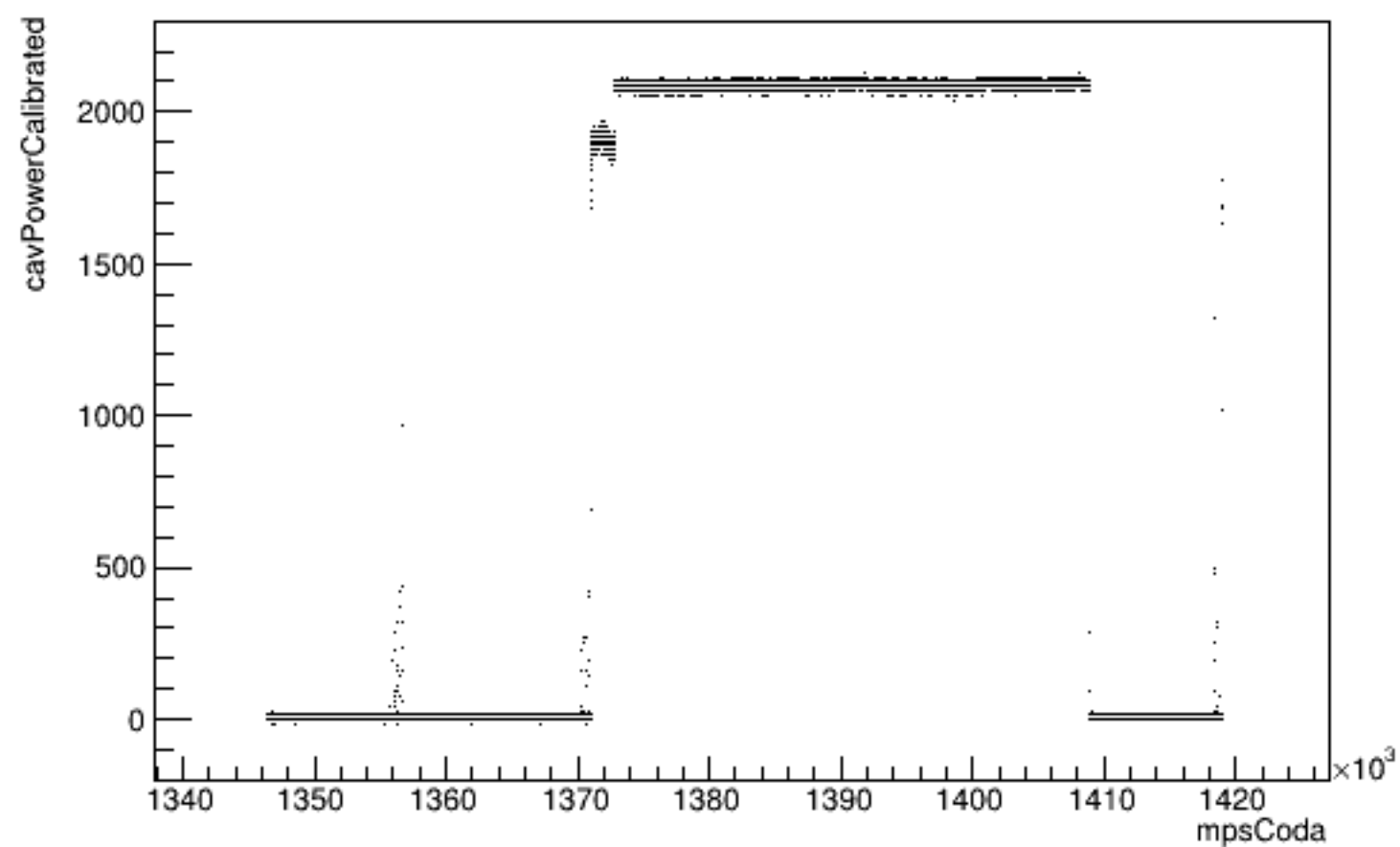
laserState:mpsCoda {mpsCoda>=1346495 && mpsCoda<=1418934}



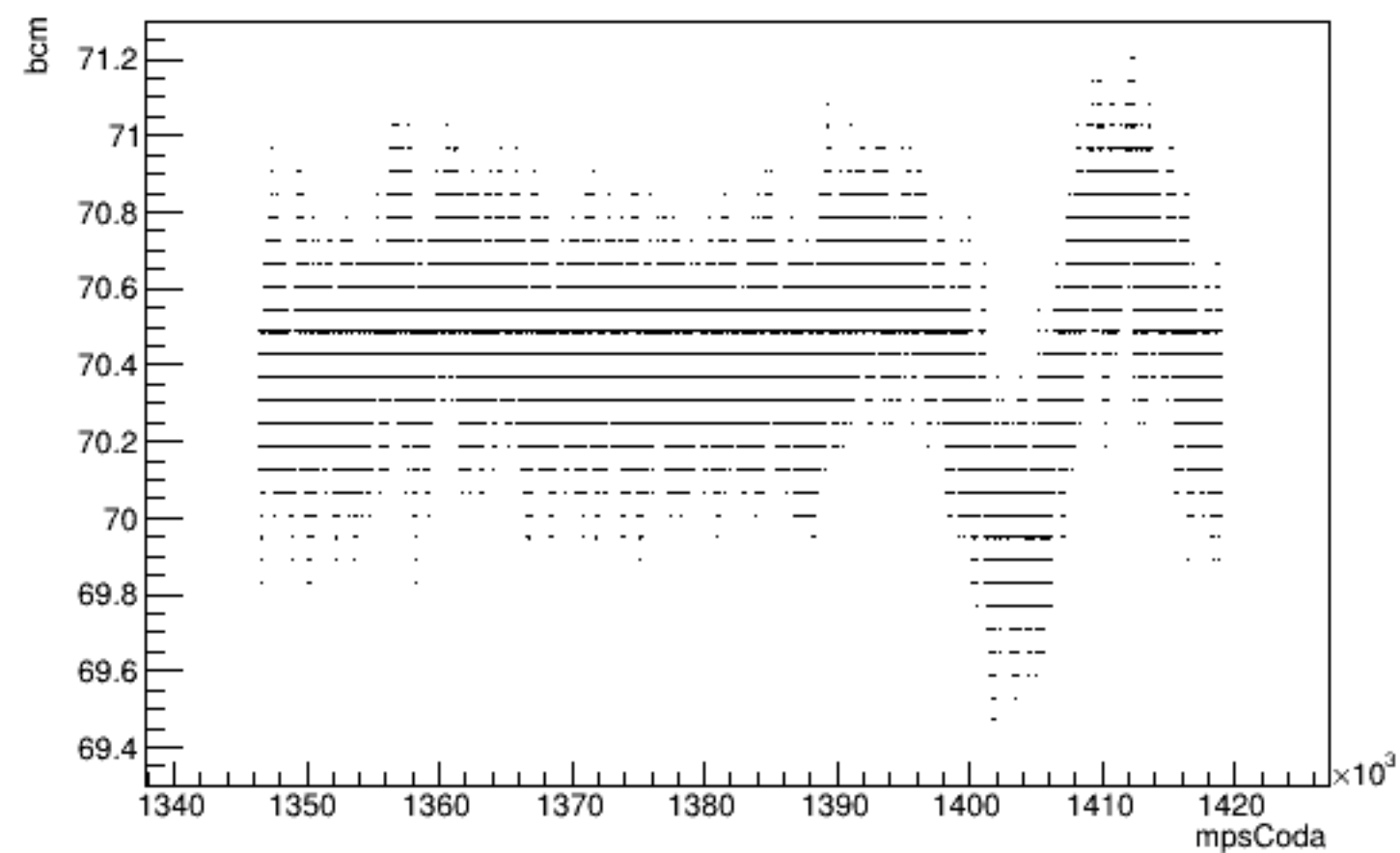
beamState + 1:mpsCoda {mpsCoda>=1346495 && mpsCoda<=1418934}



cavPowerCalibrated:mpsCoda {mpsCoda>=1346495 && mpsCoda<=1418934}



bcm:mpsCoda {mpsCoda>=1346495 && mpsCoda<=1418934}



Cycle 20, Diffs

Entries: 1245

Mean: 0.0081 +/- 0.0065

Std Dev: 0.2305 +/- 0.0046

Entries: 3468

Mean: -0.1453 +/- 0.0053

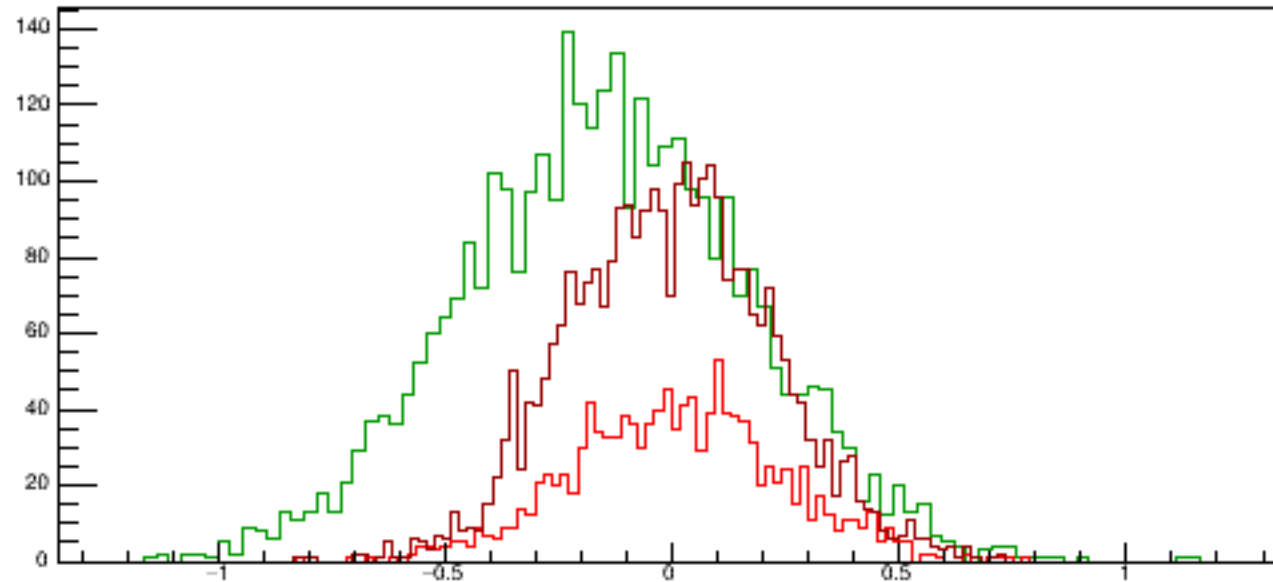
Std Dev: 0.3147 +/- 0.0038

Entries: 3028

Mean: -0.0036 +/- 0.0041

Std Dev: 0.2244 +/- 0.0029

Run 4530 quartetwise, Diffs



Cycle 20, Sums

Entries: 1245

Mean: 11.4278 +/- 0.0076

Std Dev: 0.2692 +/- 0.0054

Entries: 3468

Mean: 21.1991 +/- 0.0132

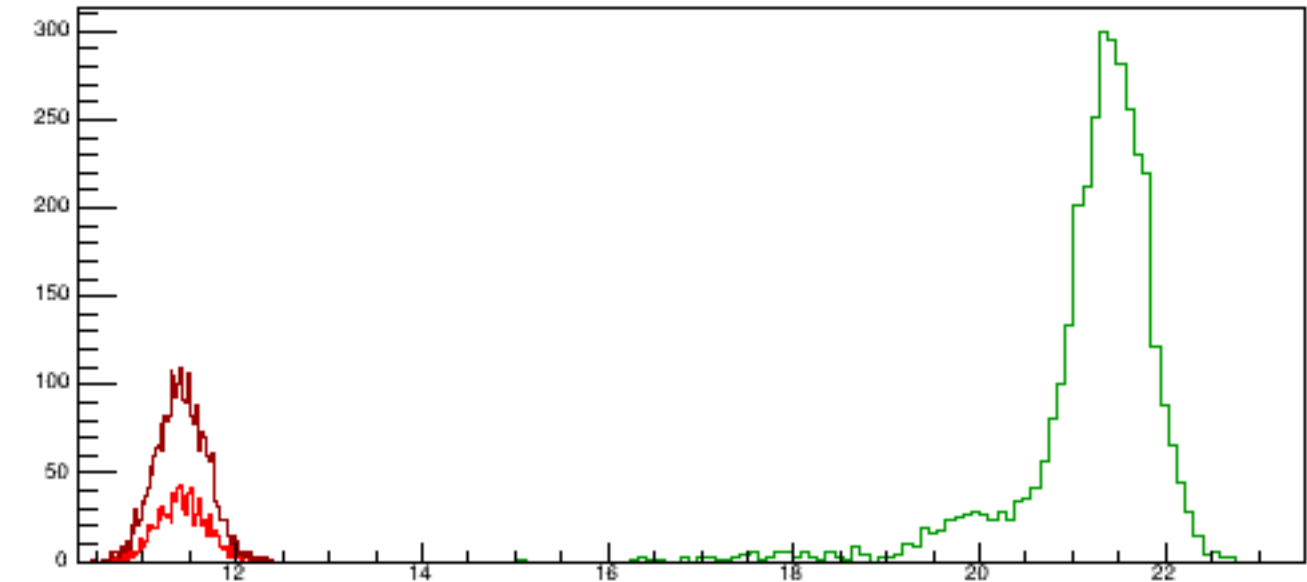
Std Dev: 0.7752 +/- 0.0093

Entries: 3028

Mean: 11.4072 +/- 0.0050

Std Dev: 0.2730 +/- 0.0035

Run 4530 quartetwise, Sums



Cycle 20, Asyms

Entries: 1245

Mean: 0.0008 +/- 0.0007

Std Dev: 0.0236 +/- 0.0005

Entries: 3468

Mean: -0.0149 +/- 0.0006

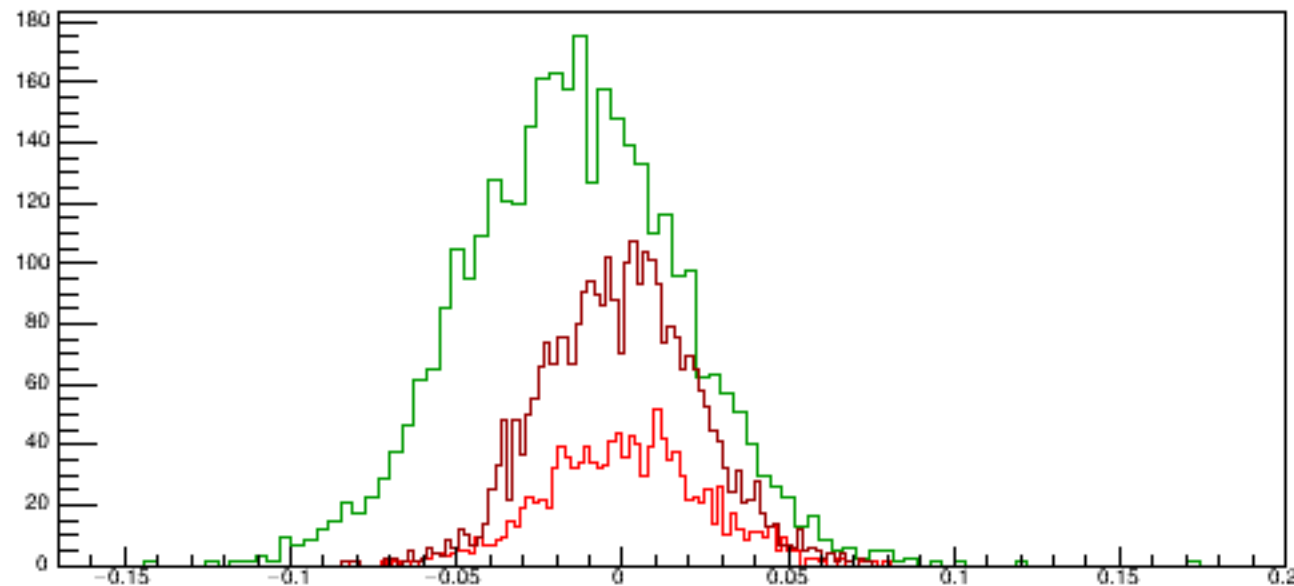
Std Dev: 0.0326 +/- 0.0004

Entries: 3028

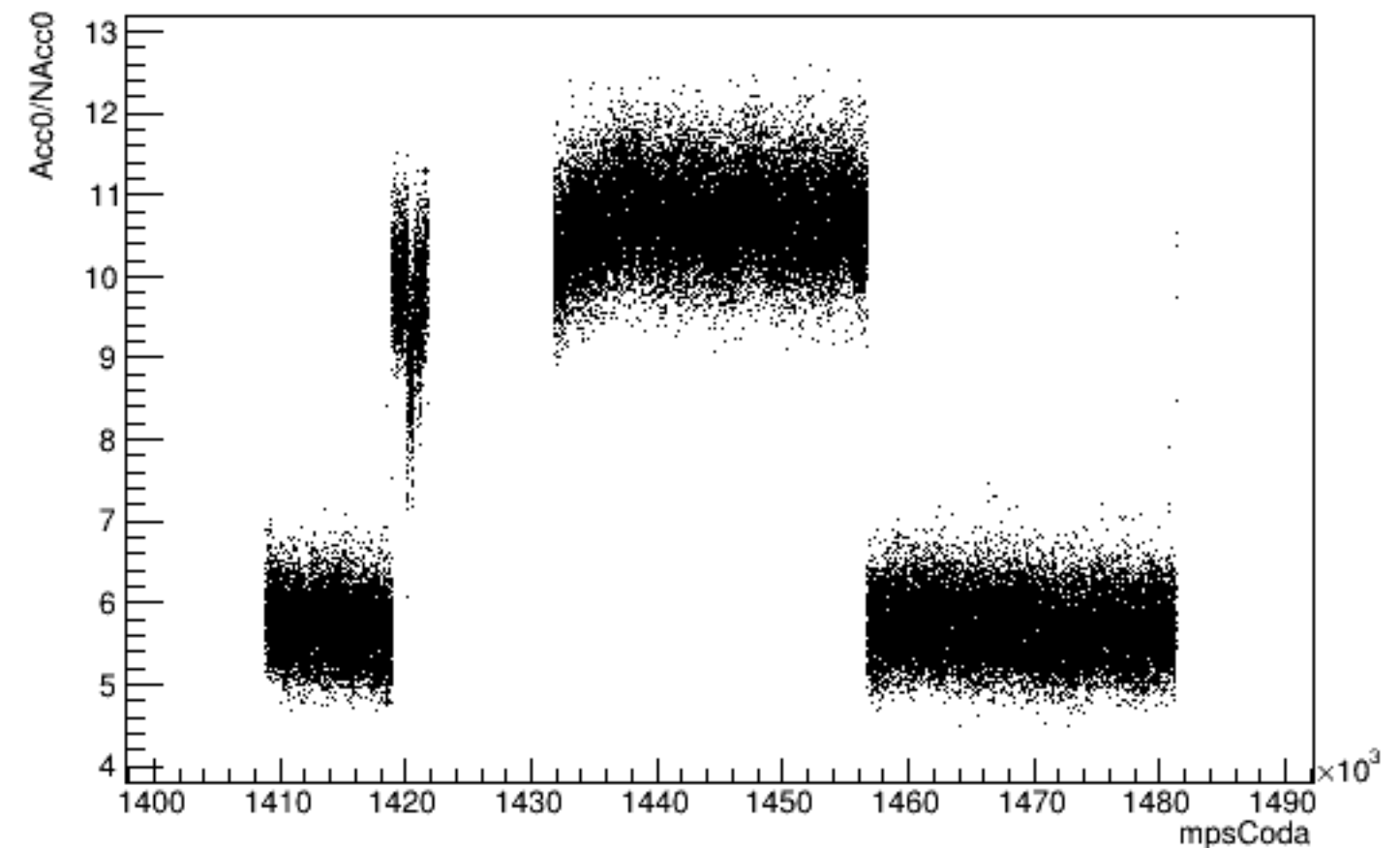
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0229 +/- 0.0003

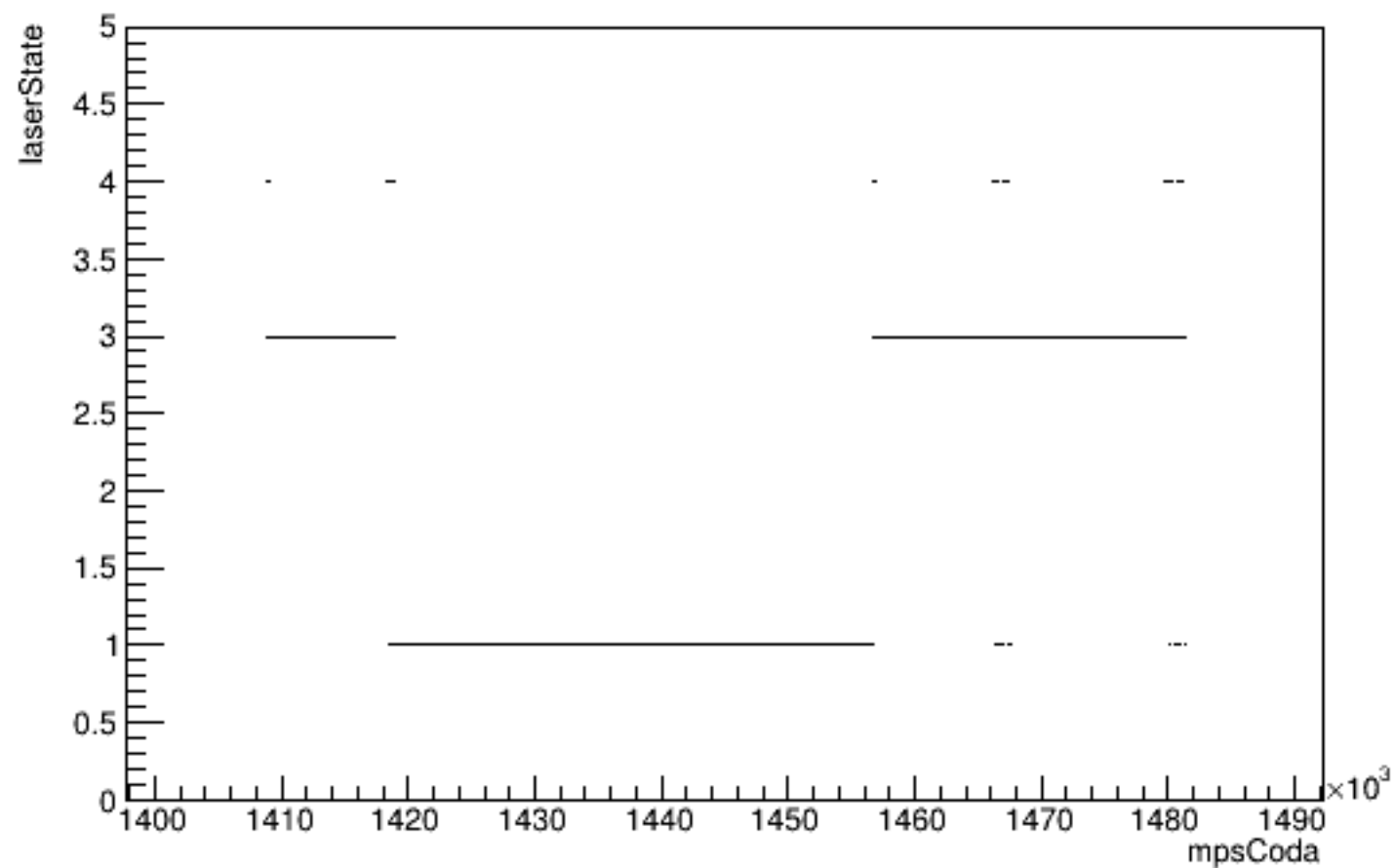
Run 4530 quartetwise, Asyms



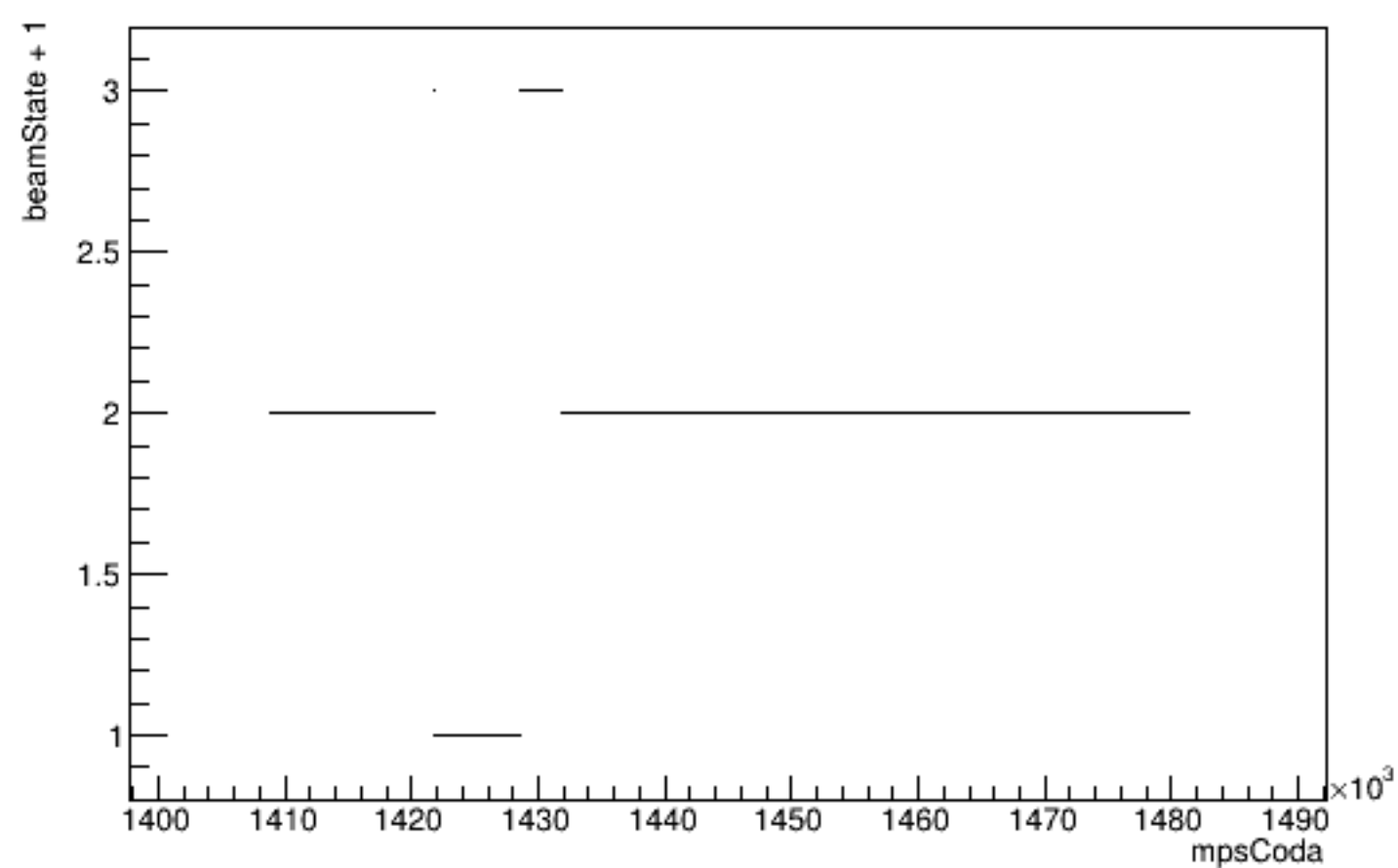
Acc0/NAcc0:mpsCoda (mpsCoda>=1408895 && mpsCoda<=1481270 && beamState==1)



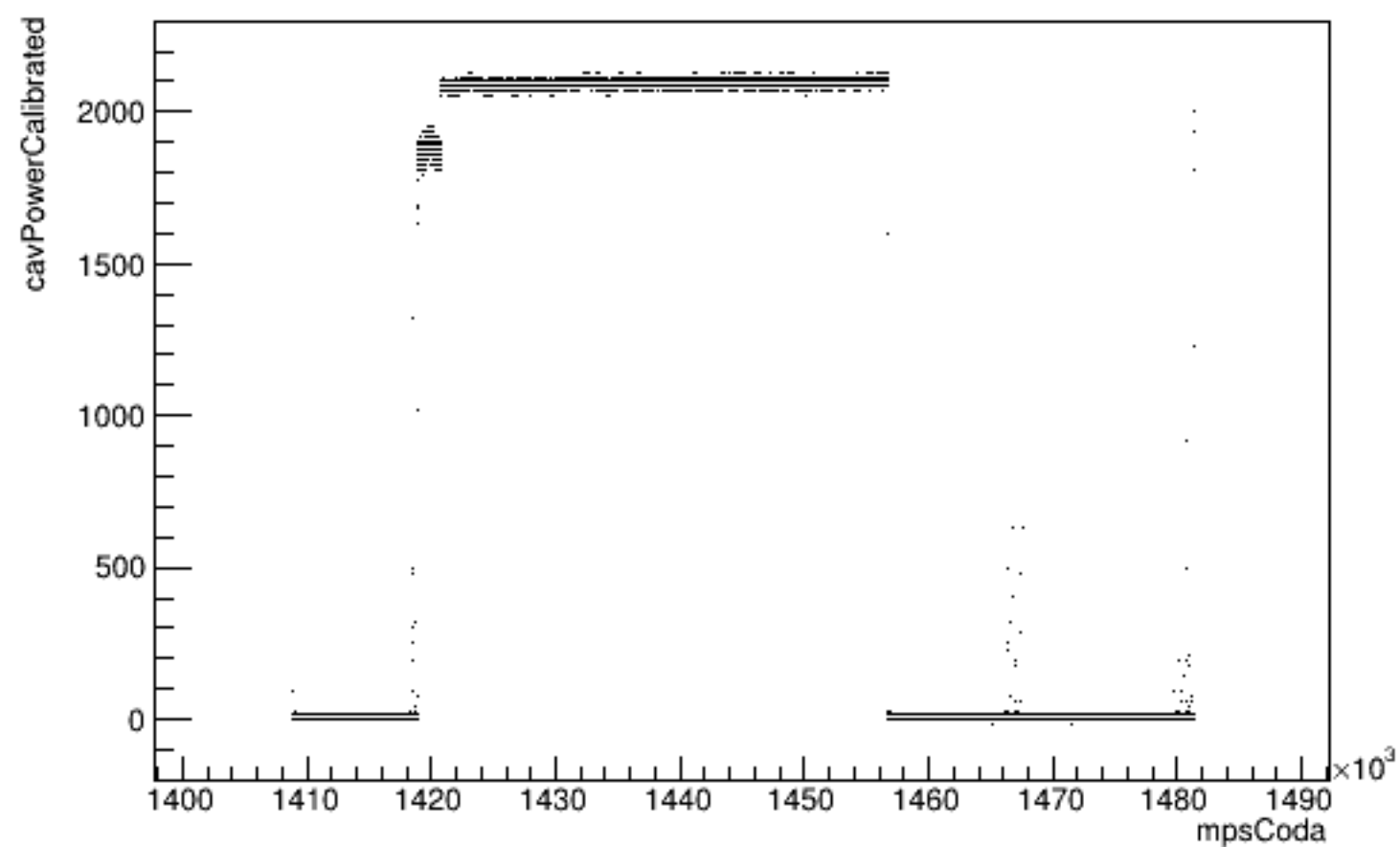
laserState:mpsCoda {mpsCoda>=1408895 && mpsCoda<=1481270}



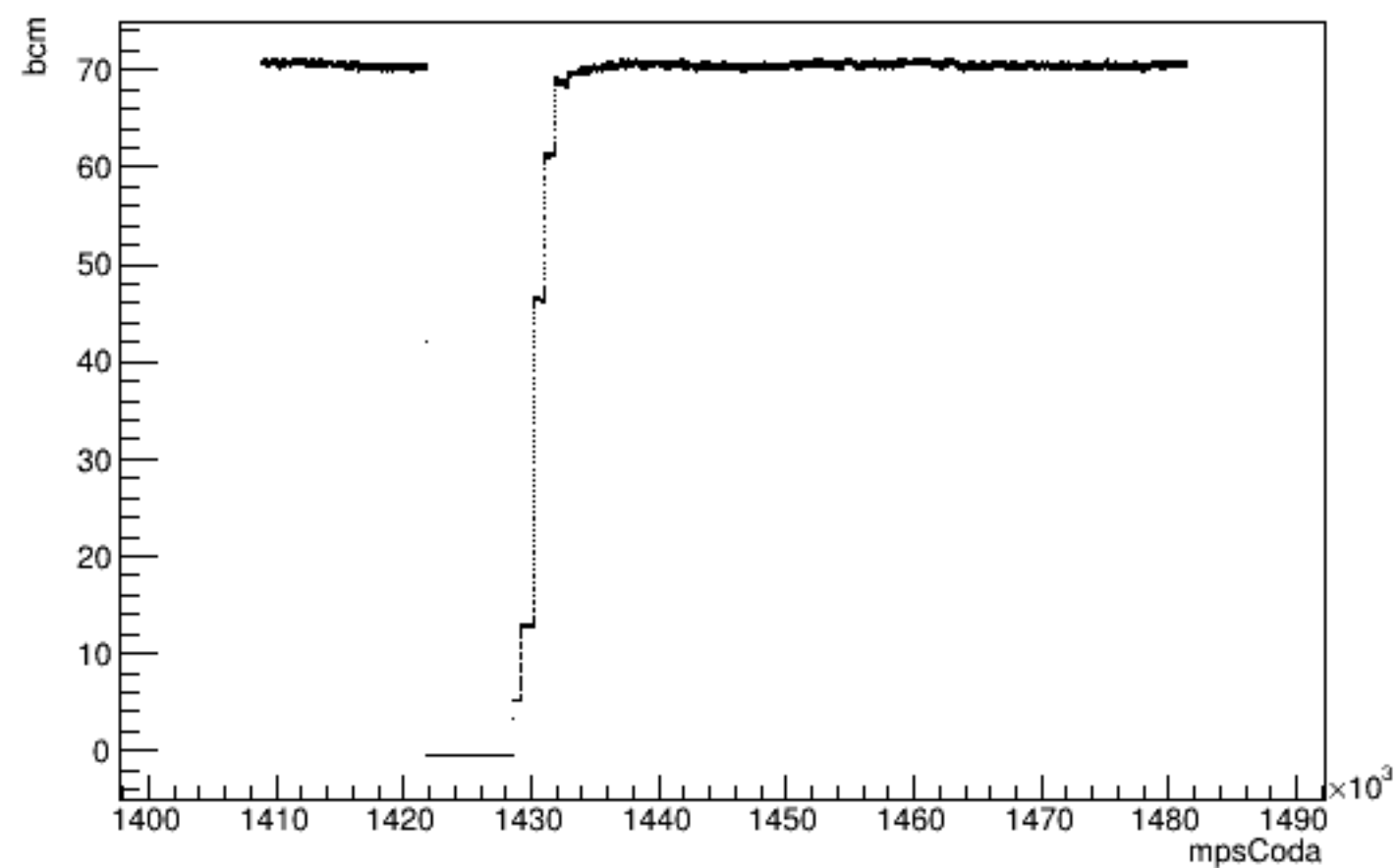
beamState + 1:mpsCoda {mpsCoda>=1408895 && mpsCoda<=1481270}



cavPowerCalibrated:mpsCoda {mpsCoda>=1408895 && mpsCoda<=1481270}



bcm:mpsCoda {mpsCoda>=1408895 && mpsCoda<=1481270}



Cycle 21, Diffs

Entries: 3028

Mean: -0.0036 +/- 0.0041

Std Dev: 0.2244 +/- 0.0029

Entries: 4740

Mean: -0.1418 +/- 0.0046

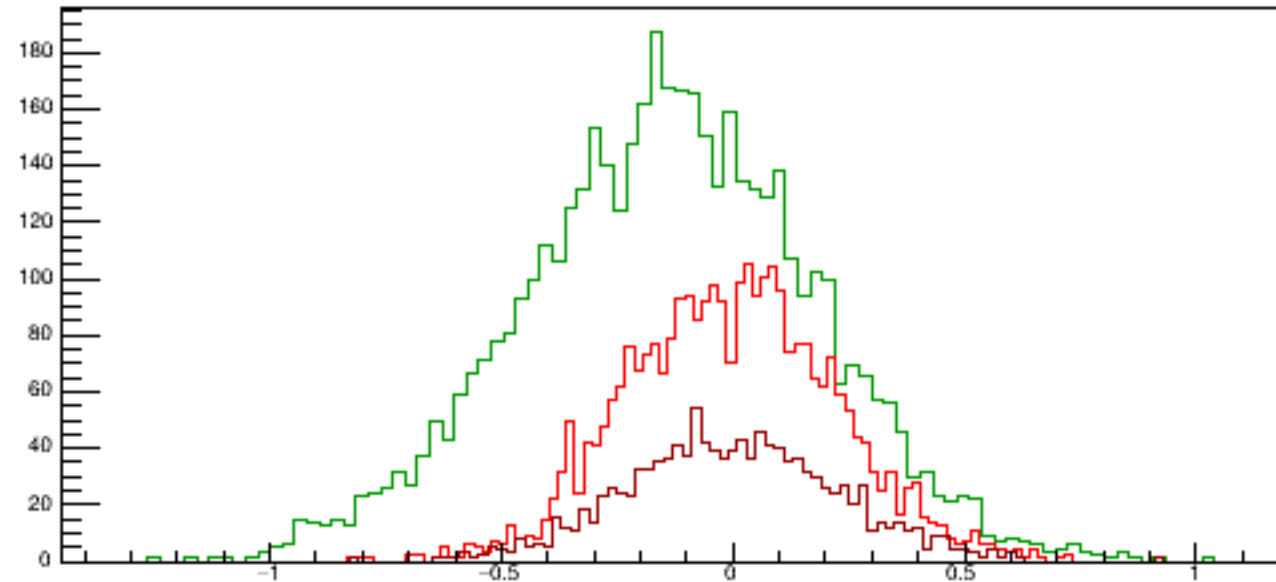
Std Dev: 0.3141 +/- 0.0032

Entries: 1219

Mean: -0.0013 +/- 0.0065

Std Dev: 0.2264 +/- 0.0046

Run 4530 quartetwise, Diffs



Cycle 21, Sums

Entries: 3028

Mean: 11.4072 +/- 0.0050

Std Dev: 0.2730 +/- 0.0035

Entries: 4740

Mean: 21.0388 +/- 0.0055

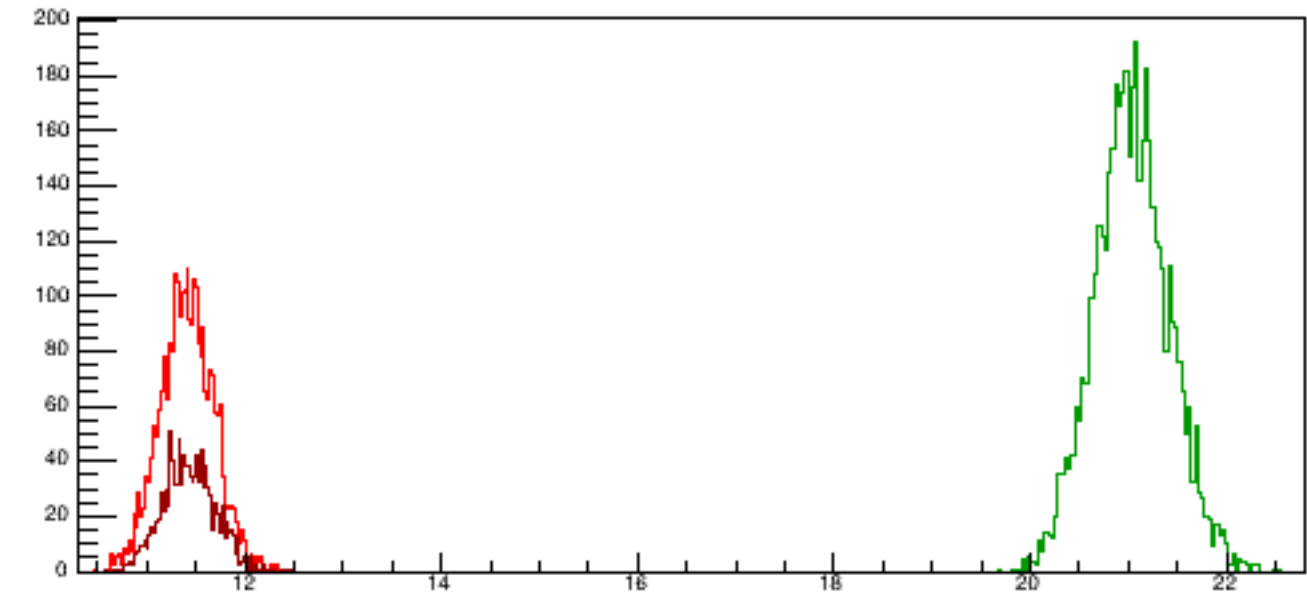
Std Dev: 0.3791 +/- 0.0039

Entries: 1219

Mean: 11.4355 +/- 0.0078

Std Dev: 0.2709 +/- 0.0055

Run 4530 quartetwise, Sums



Cycle 21, Asyms

Entries: 3028

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0233 +/- 0.0003

Entries: 4740

Mean: -0.0148 +/- 0.0005

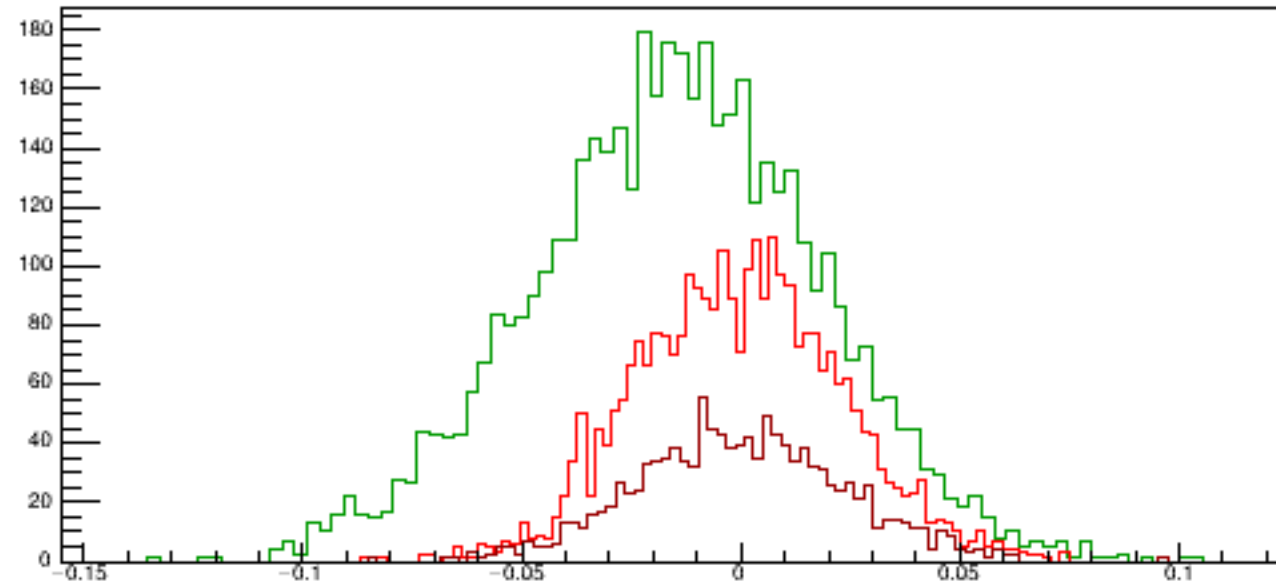
Std Dev: 0.0327 +/- 0.0003

Entries: 1219

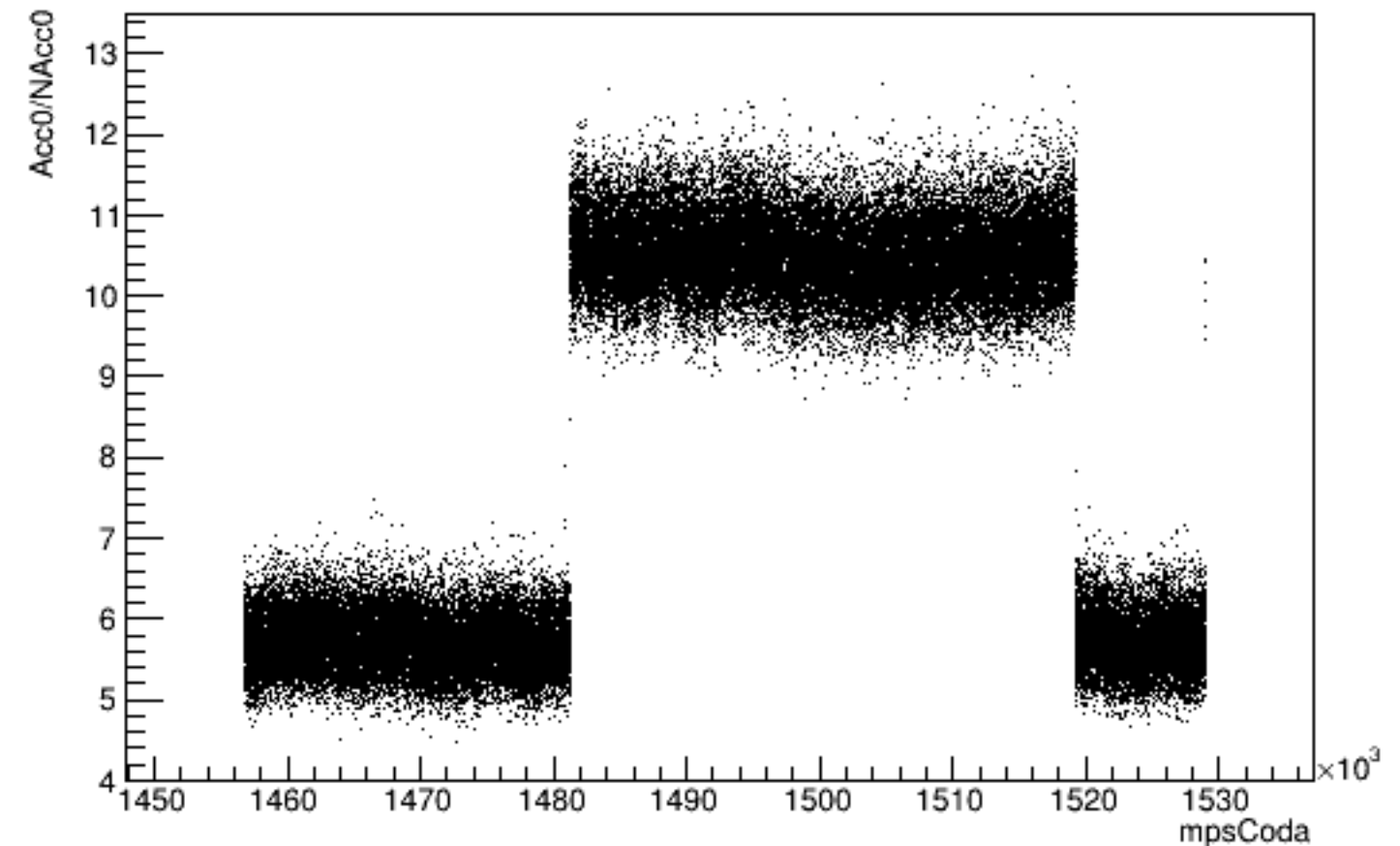
Mean: -0.0001 +/- 0.0007

Std Dev: 0.0235 +/- 0.0005

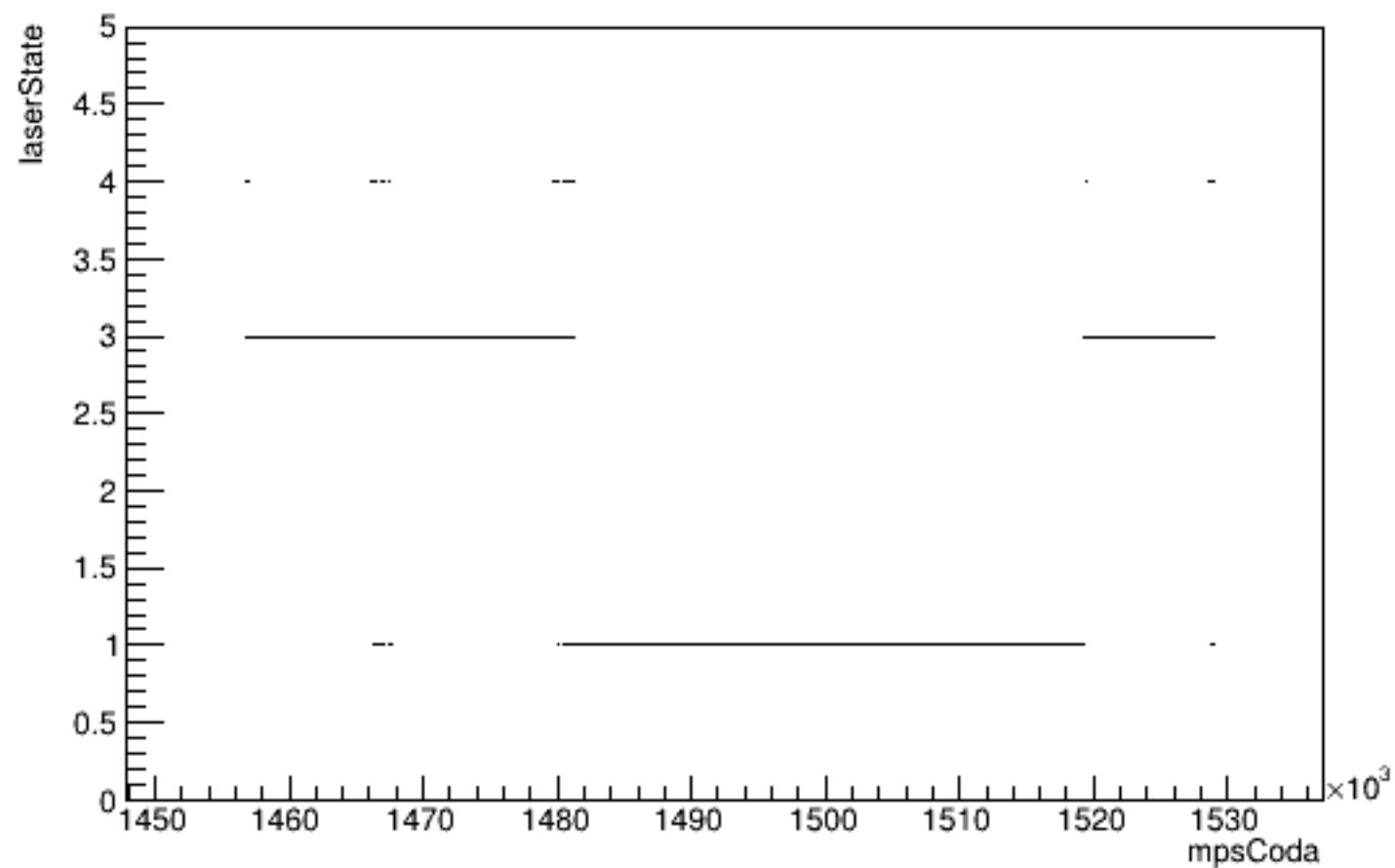
Run 4530 quartetwise, Asyms



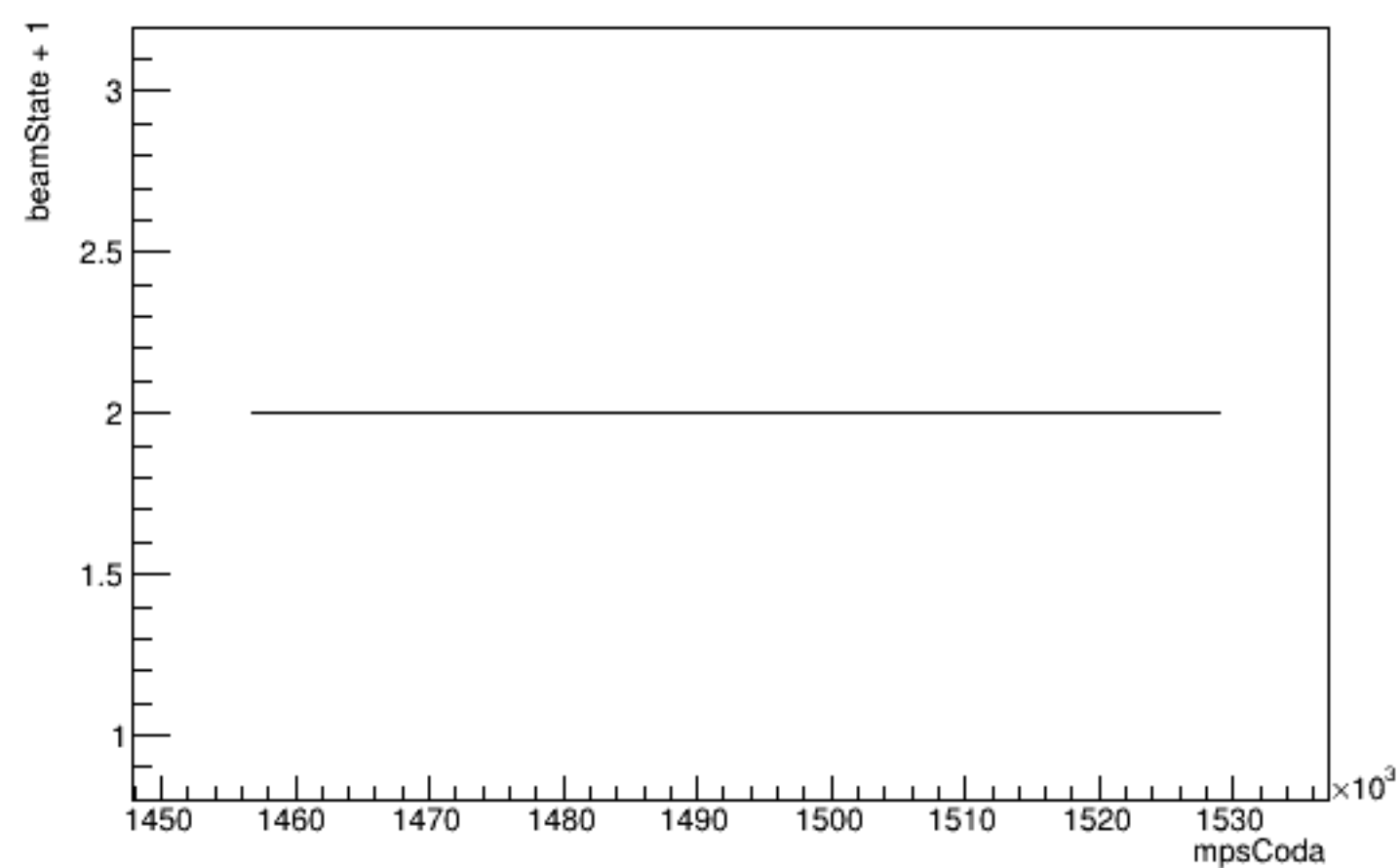
Acc0/NAcc0:mpsCoda (mpsCoda>=1456735 && mpsCoda<=1529006 && beamState==1)



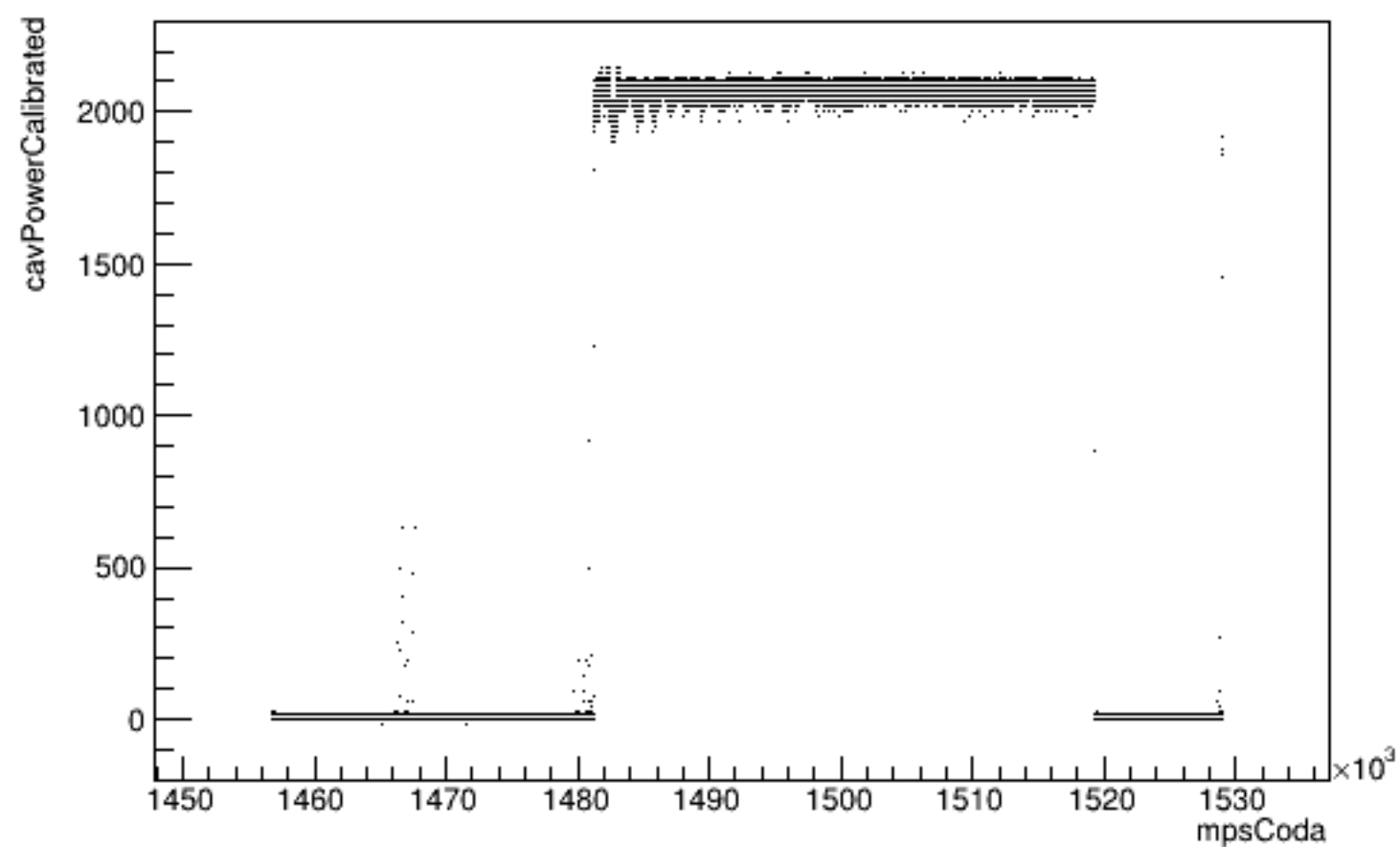
laserState:mpsCoda {mpsCoda>=1456735 && mpsCoda<=1529006}



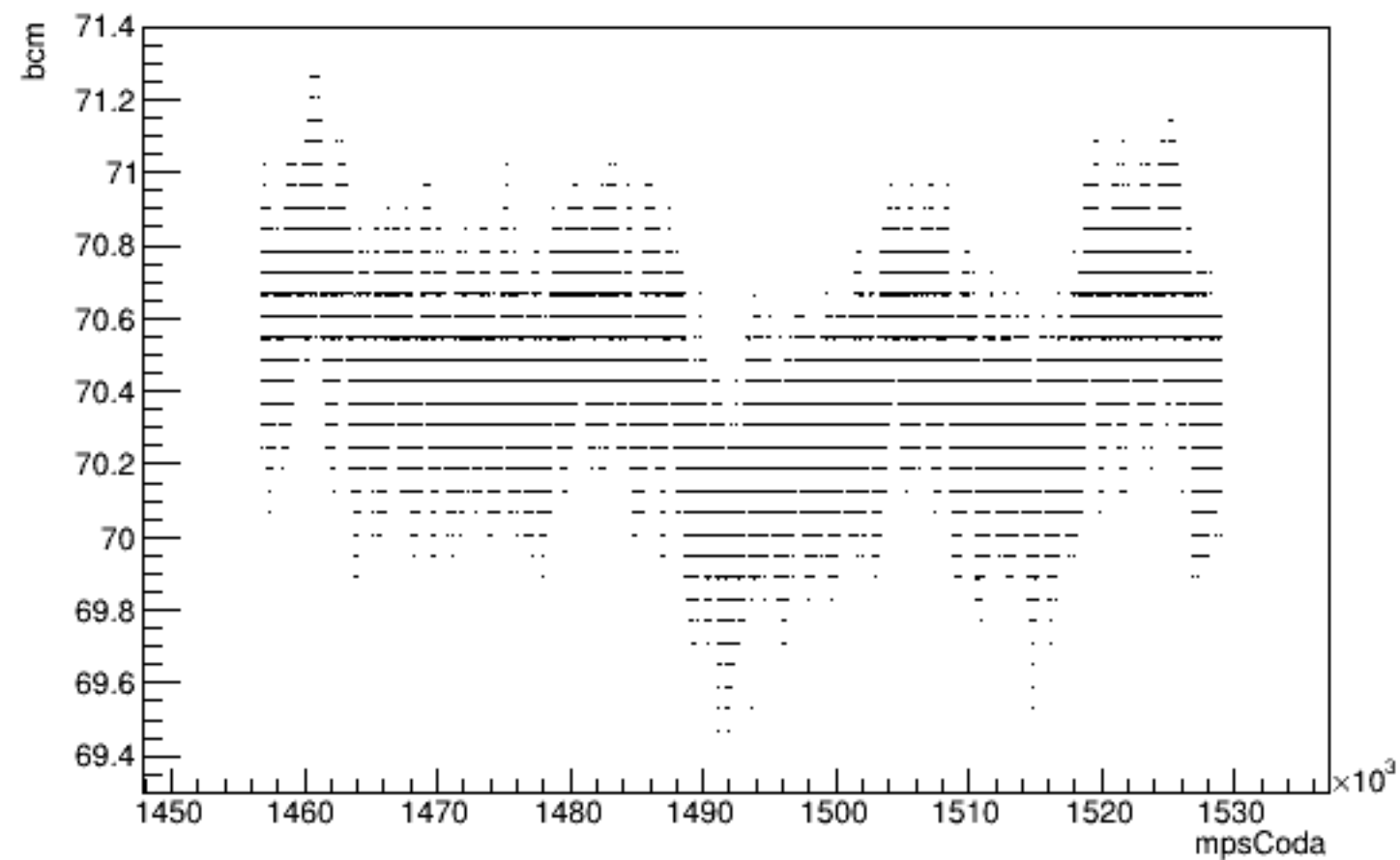
beamState + 1:mpsCoda {mpsCoda>=1456735 && mpsCoda<=1529006}



cavPowerCalibrated:mpsCoda {mpsCoda>=1456735 && mpsCoda<=1529006}



bcm:mpsCoda {mpsCoda>=1456735 && mpsCoda<=1529006}



Cycle 22, Diffs

Entries: 1219

Mean: -0.0013 +/- 0.0065

Std Dev: 0.2264 +/- 0.0046

Entries: 3790

Mean: -0.1400 +/- 0.0051

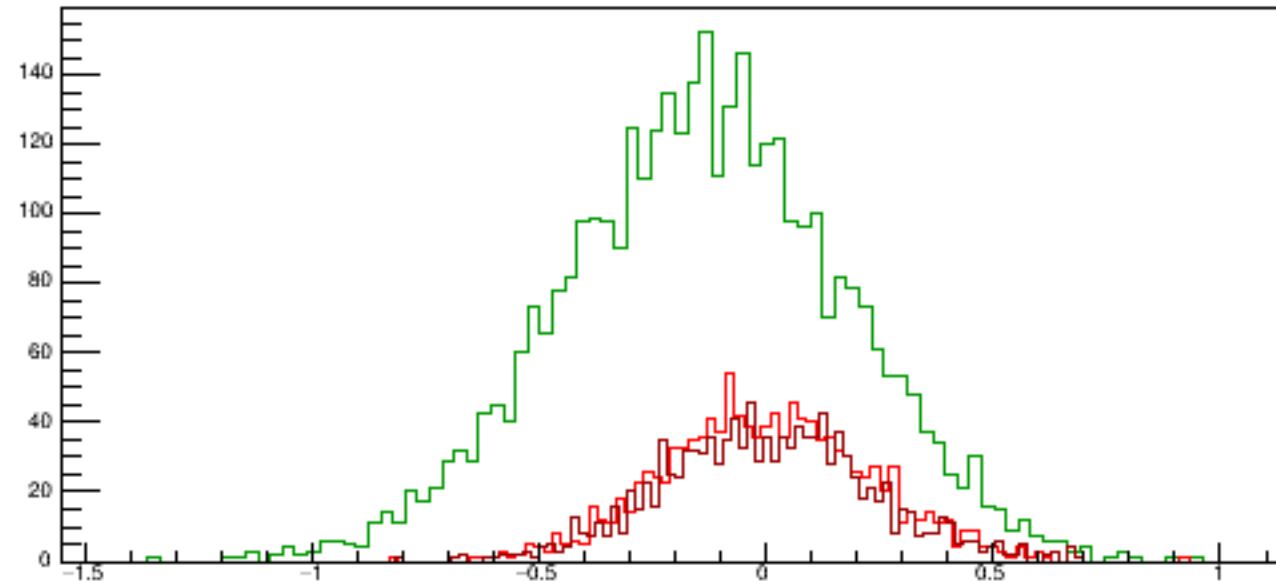
Std Dev: 0.3126 +/- 0.0036

Entries: 1222

Mean: -0.0002 +/- 0.0066

Std Dev: 0.2309 +/- 0.0047

Run 4530 quartetwise, Diffs



Cycle 22, Sums

Entries: 1219

Mean: 11.4355 +/- 0.0078

Std Dev: 0.2709 +/- 0.0055

Entries: 3790

Mean: 20.5863 +/- 0.0140

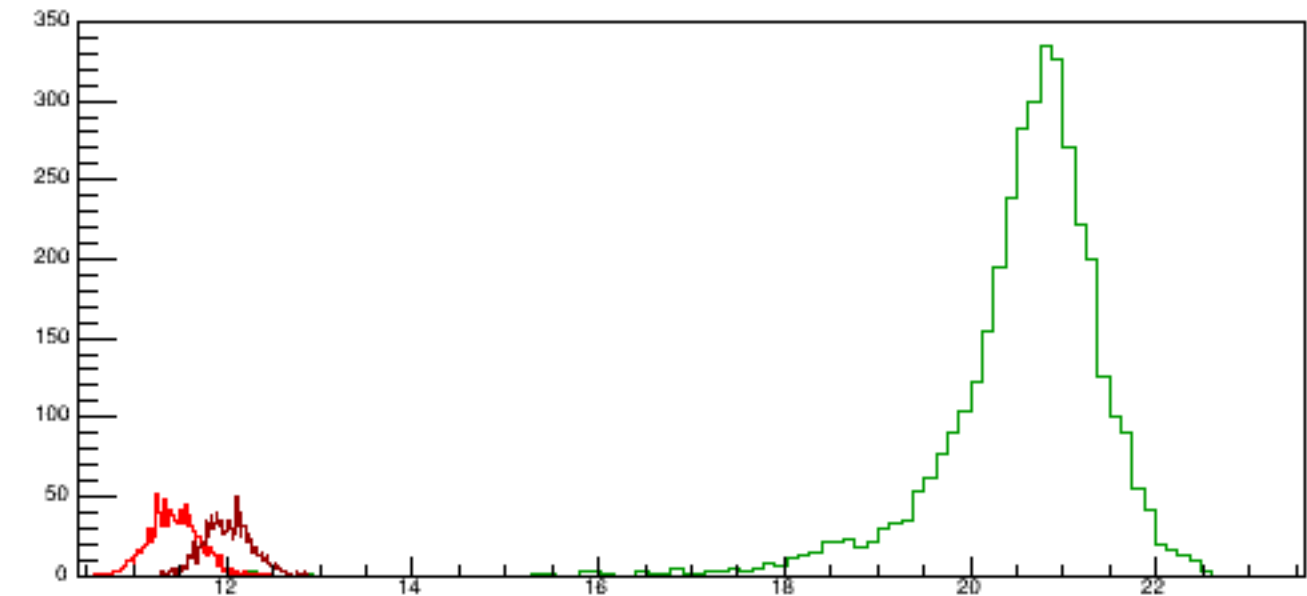
Std Dev: 0.8594 +/- 0.0099

Entries: 1222

Mean: 12.0089 +/- 0.0074

Std Dev: 0.2578 +/- 0.0052

Run 4530 quartetwise, Sums



Cycle 22, Asyms

Entries: 1219

Mean: -0.0002 +/- 0.0007

Std Dev: 0.0255 +/- 0.0005

Entries: 3790

Mean: -0.0162 +/- 0.0007

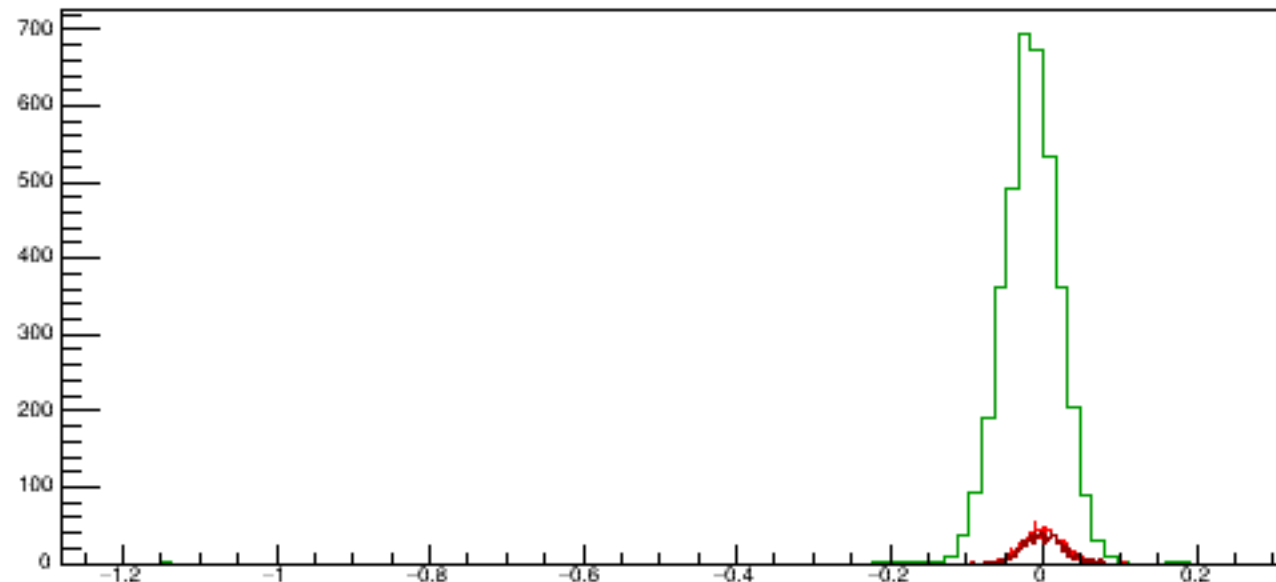
Std Dev: 0.0406 +/- 0.0005

Entries: 1222

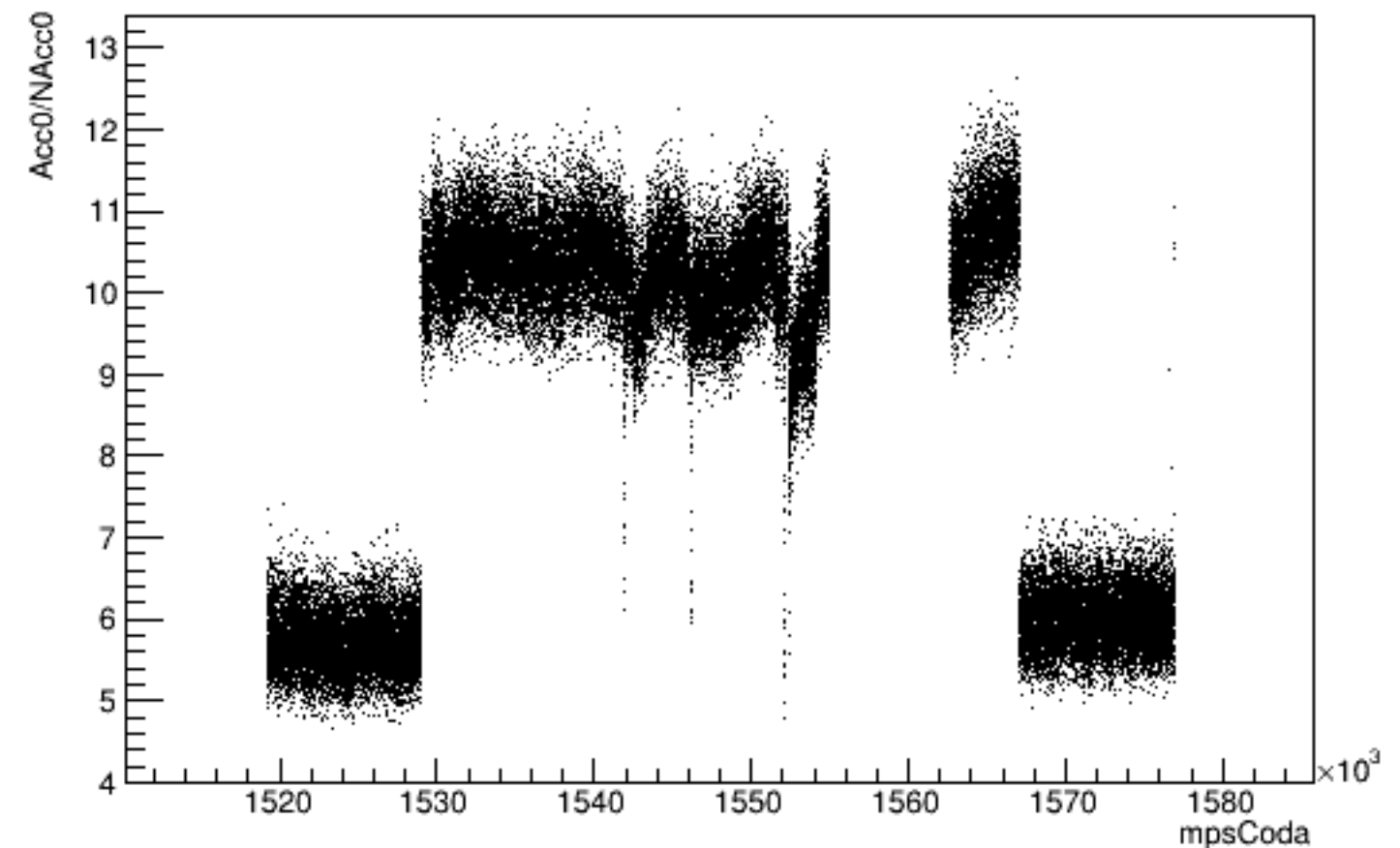
Mean: -0.0000 +/- 0.0007

Std Dev: 0.0260 +/- 0.0005

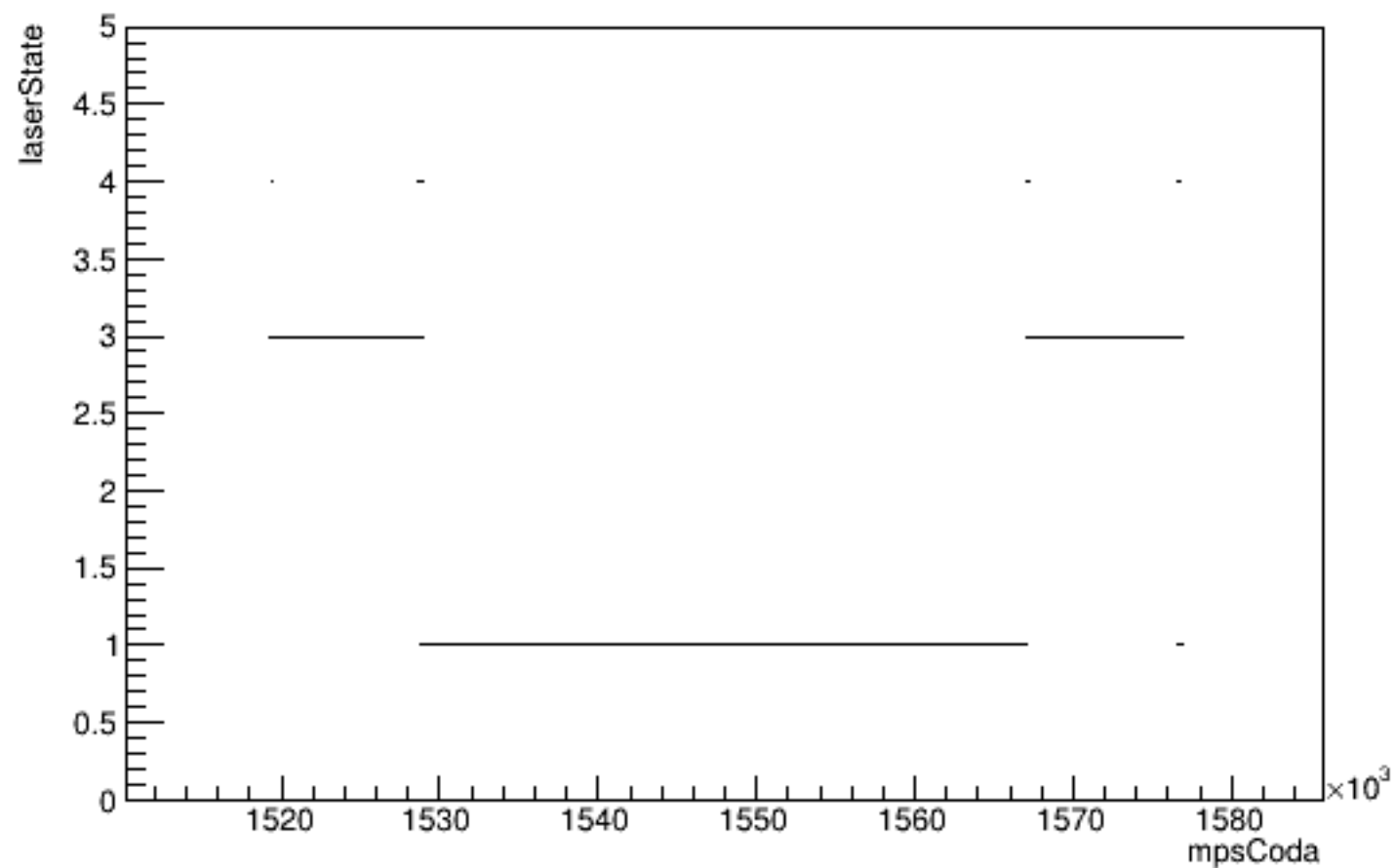
Run 4530 quartetwise, Asyms



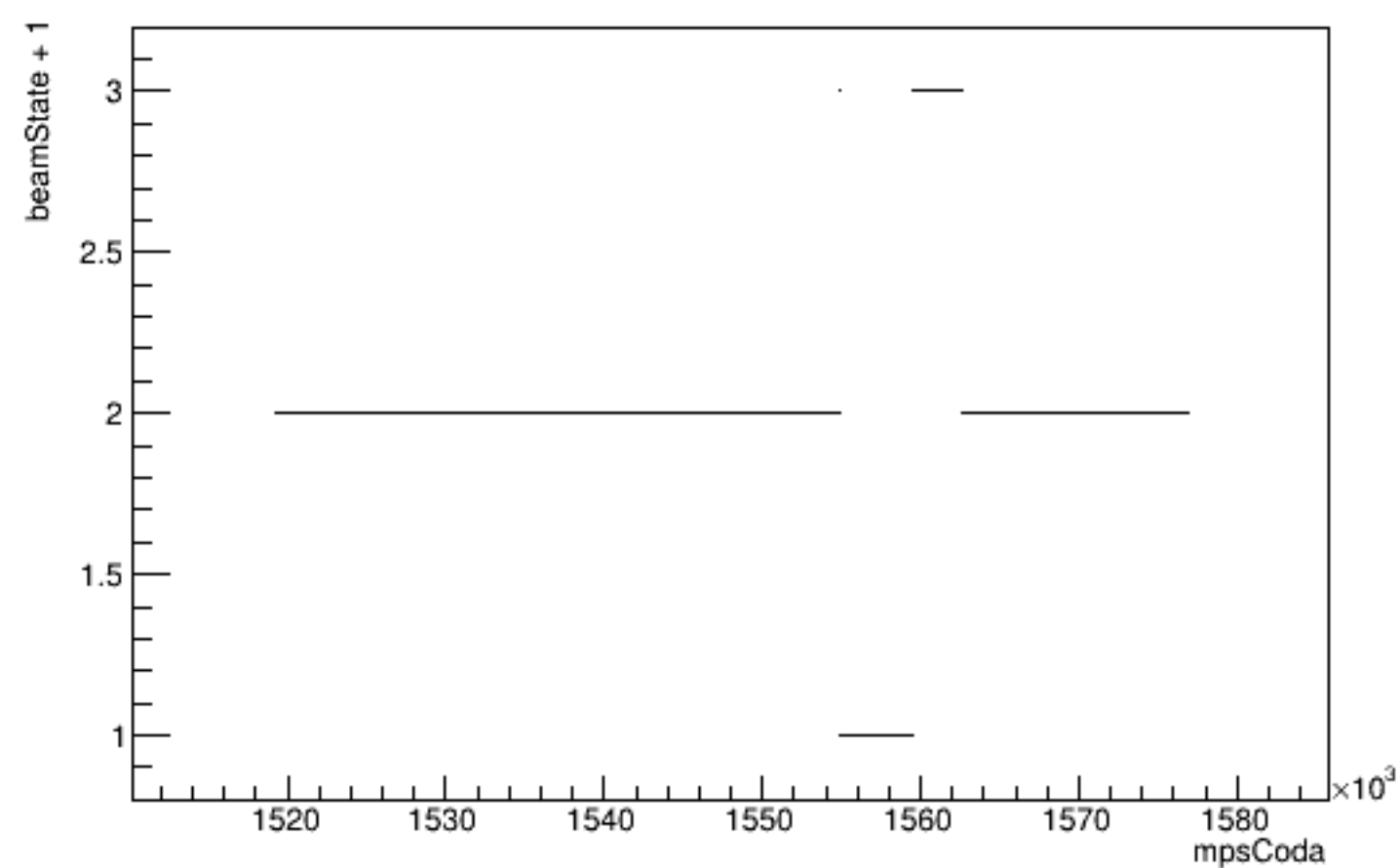
Acc0/NAcc0:mpsCoda (mpsCoda>=1519199 && mpsCoda<=1576918 && beamState==1)



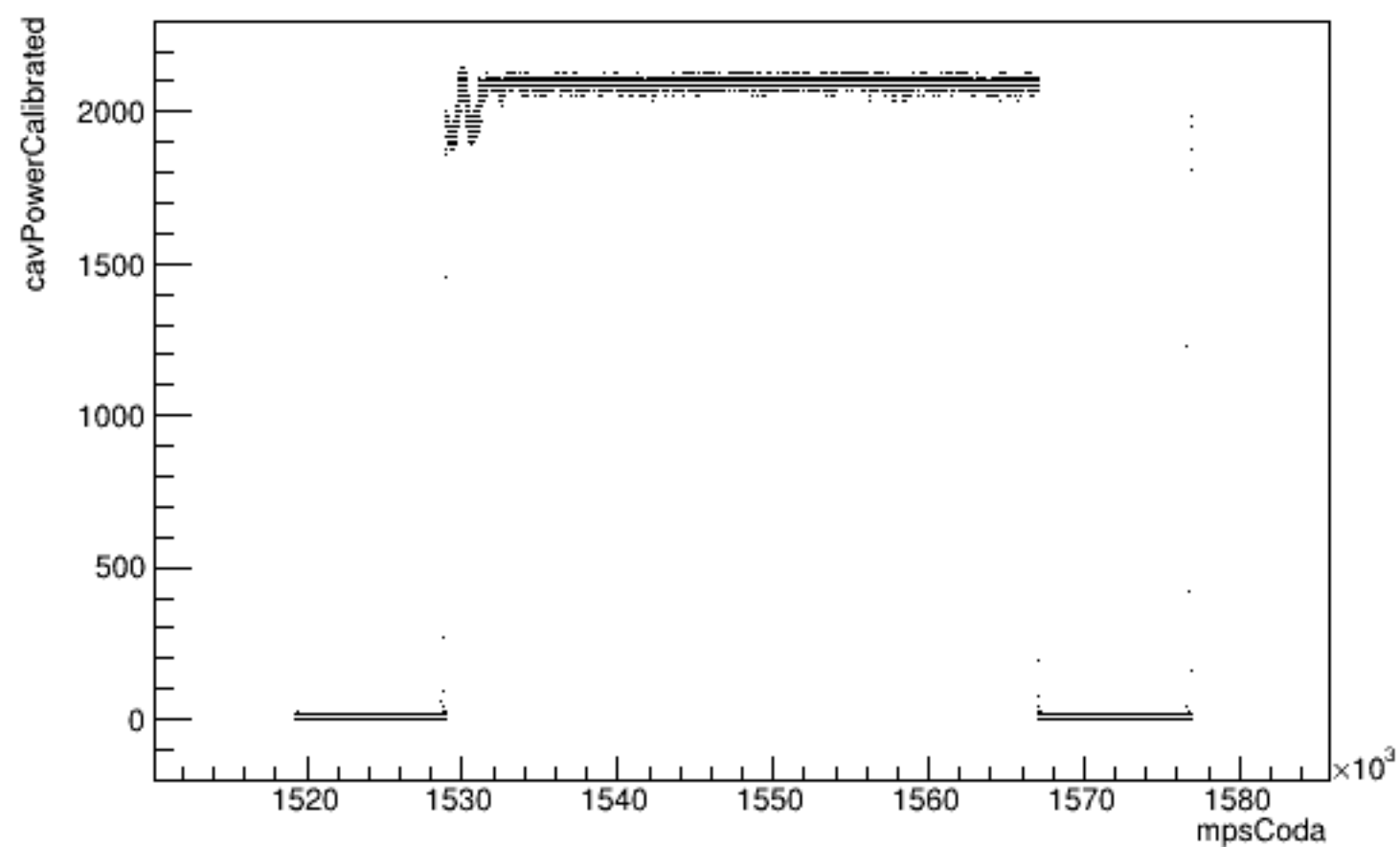
laserState:mpsCoda {mpsCoda>=1519199 && mpsCoda<=1576918}



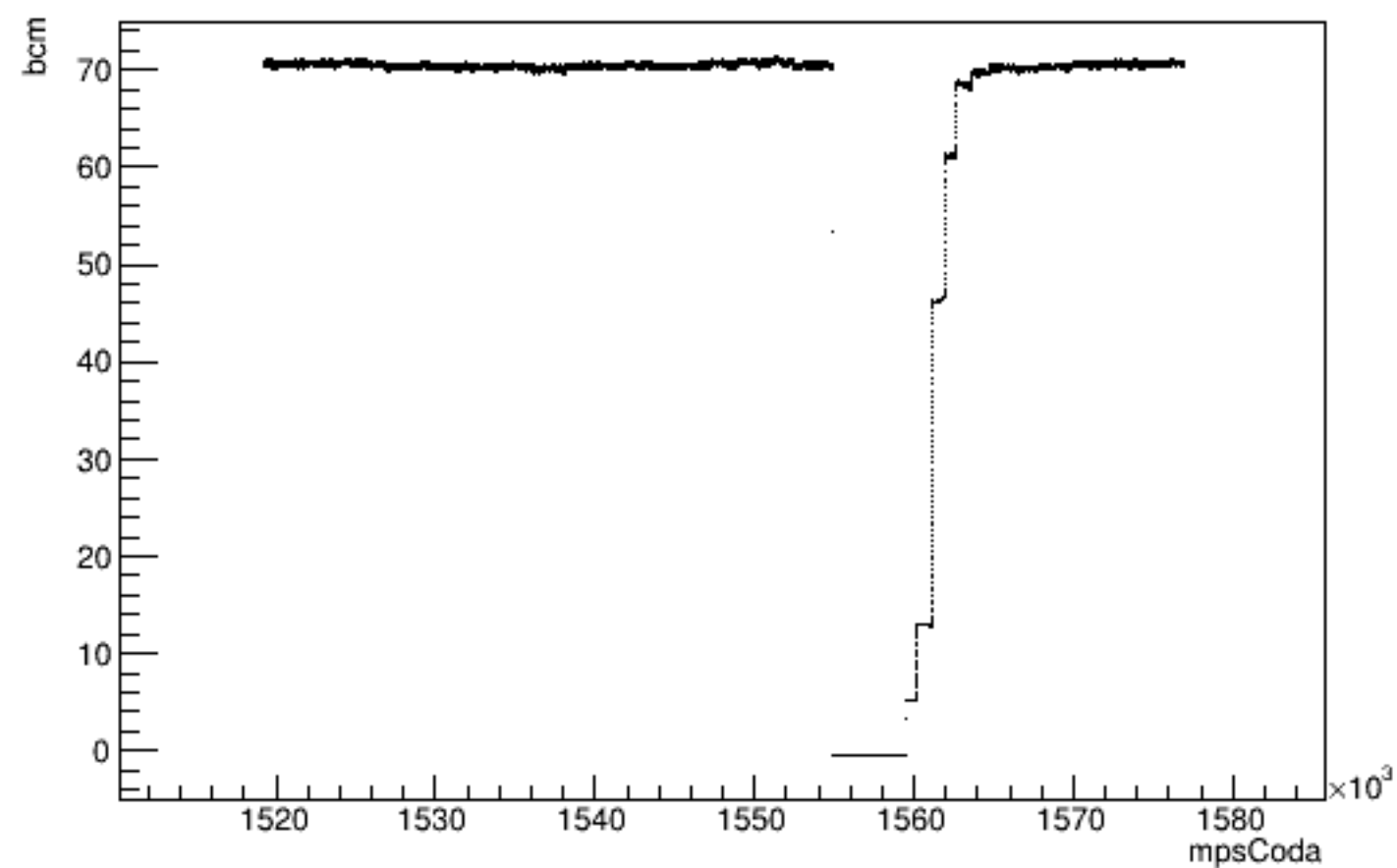
beamState + 1:mpsCoda {mpsCoda>=1519199 && mpsCoda<=1576918}



cavPowerCalibrated:mpsCoda {mpsCoda>=1519199 && mpsCoda<=1576918}



bcm:mpsCoda {mpsCoda>=1519199 && mpsCoda<=1576918}



Cycle 23, Diffs

Entries: 1222

Mean: -0.0002 +/- 0.0066

Std Dev: 0.2309 +/- 0.0047

Entries: 4038

Mean: -0.1391 +/- 0.0050

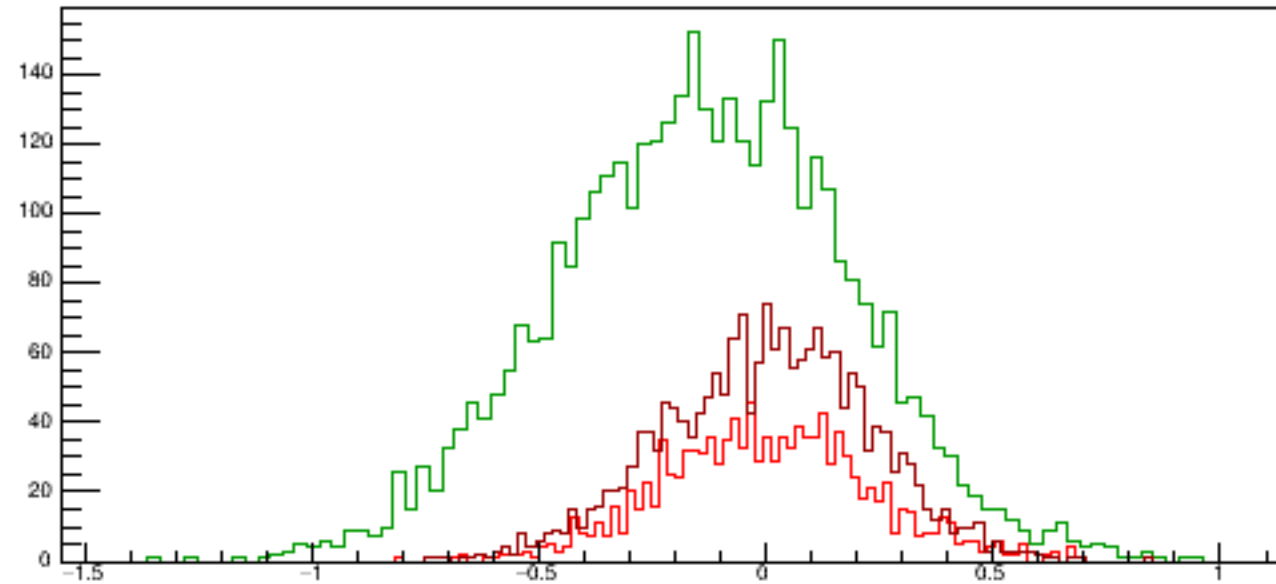
Std Dev: 0.3197 +/- 0.0036

Entries: 1938

Mean: 0.0025 +/- 0.0052

Std Dev: 0.2275 +/- 0.0037

Run 4530 quartetwise, Diffs



Cycle 23, Sums

Entries: 1222

Mean: 12.0089 +/- 0.0074

Std Dev: 0.2578 +/- 0.0052

Entries: 4038

Mean: 22.5070 +/- 0.0083

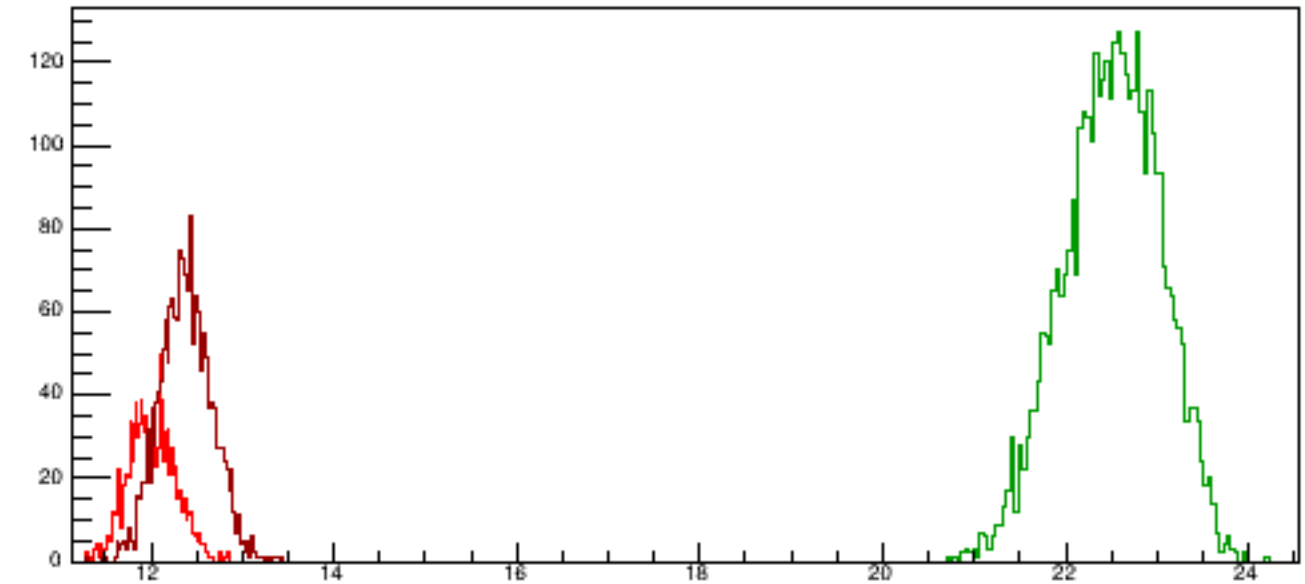
Std Dev: 0.5305 +/- 0.0059

Entries: 1938

Mean: 12.3774 +/- 0.0065

Std Dev: 0.2866 +/- 0.0046

Run 4530 quartetwise, Sums



Cycle 23, Asyms

Entries: 1222

Mean: -0.0000 +/- 0.0006

Std Dev: 0.0224 +/- 0.0005

Entries: 4038

Mean: -0.0135 +/- 0.0005

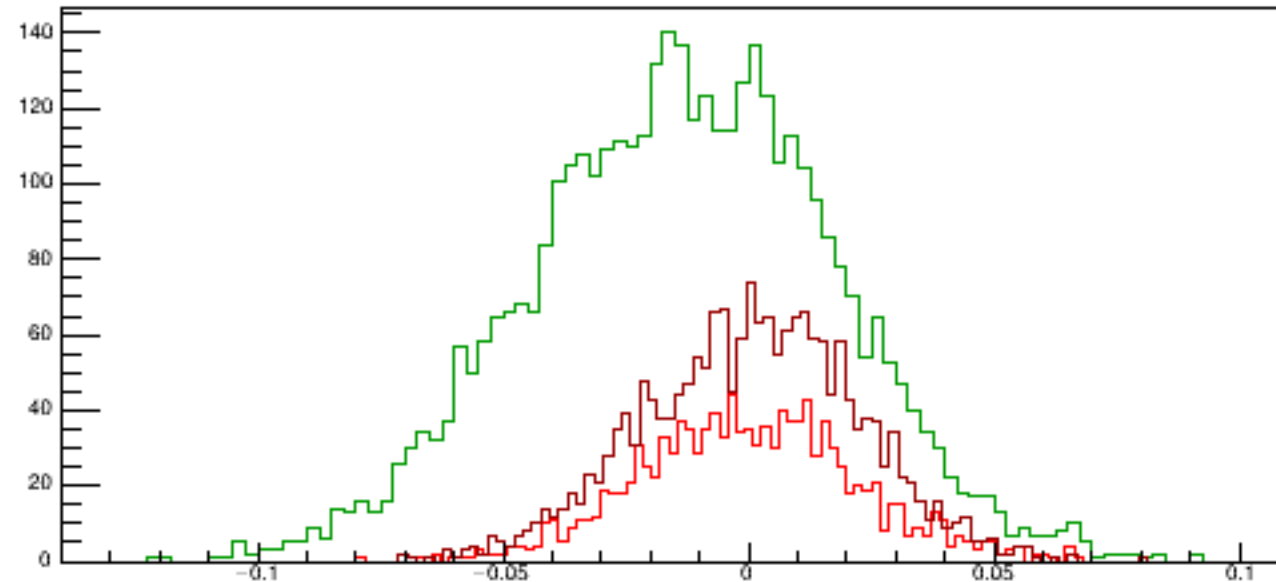
Std Dev: 0.0310 +/- 0.0003

Entries: 1938

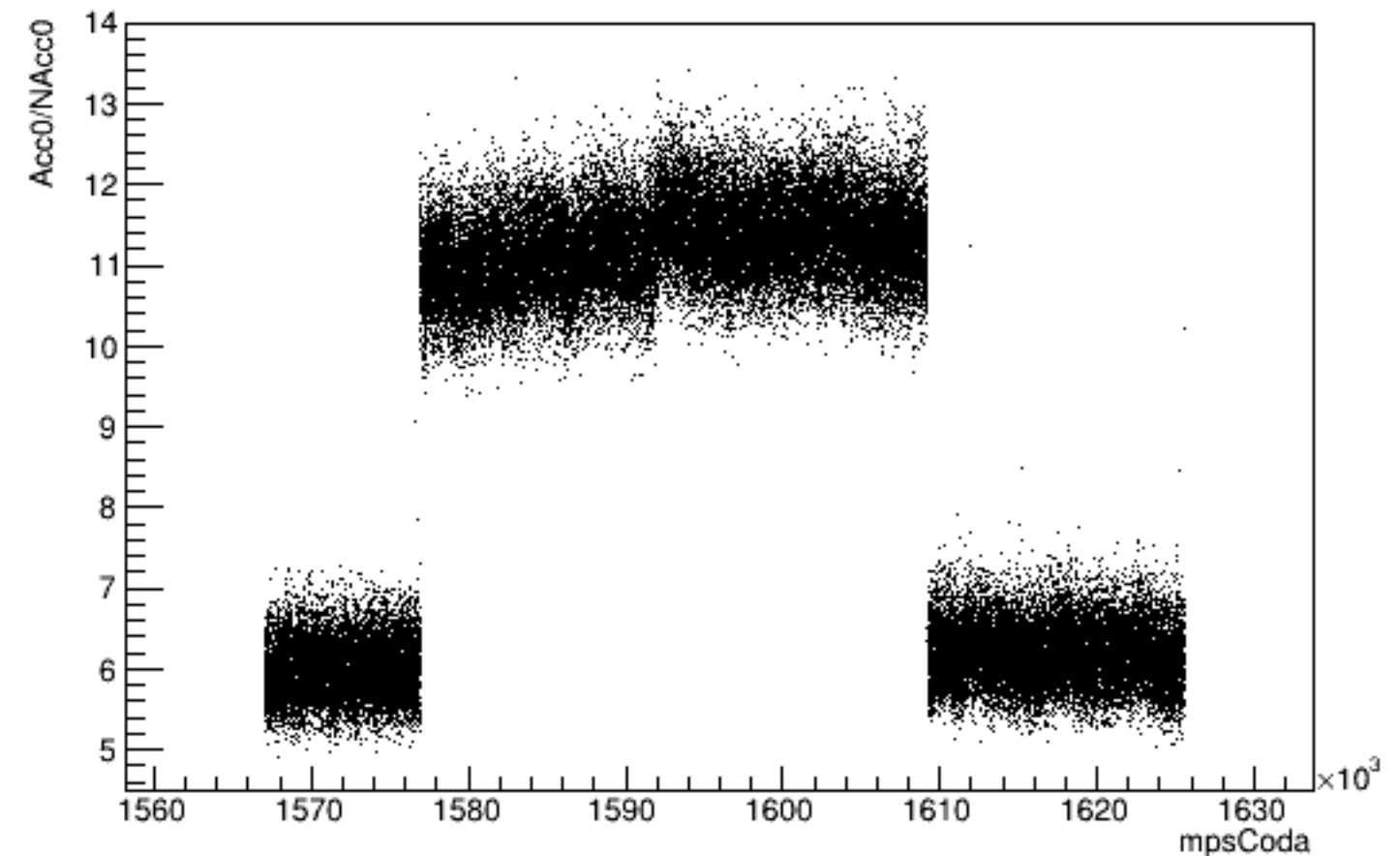
Mean: 0.0002 +/- 0.0005

Std Dev: 0.0221 +/- 0.0004

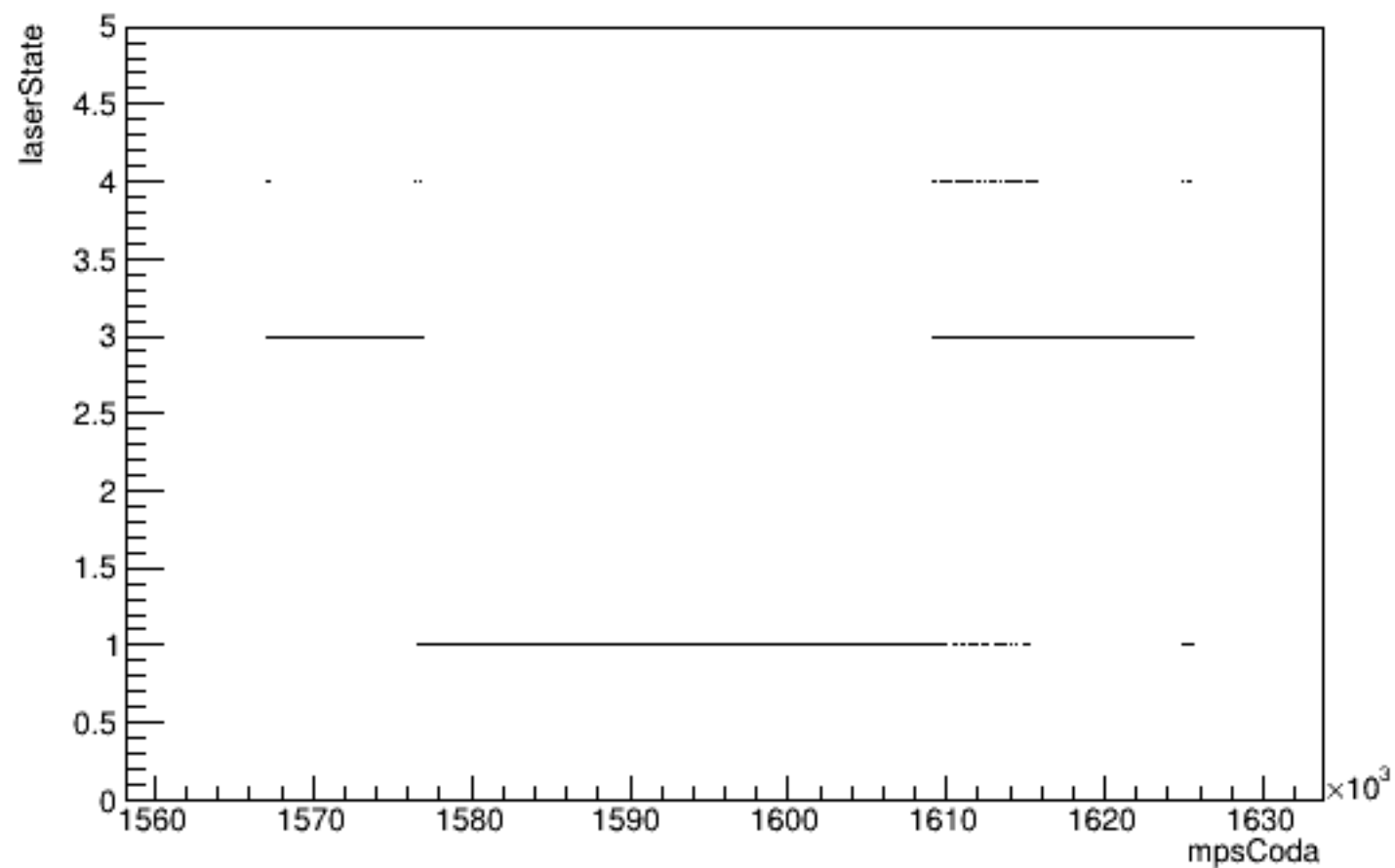
Run 4530 quartetwise, Asyms



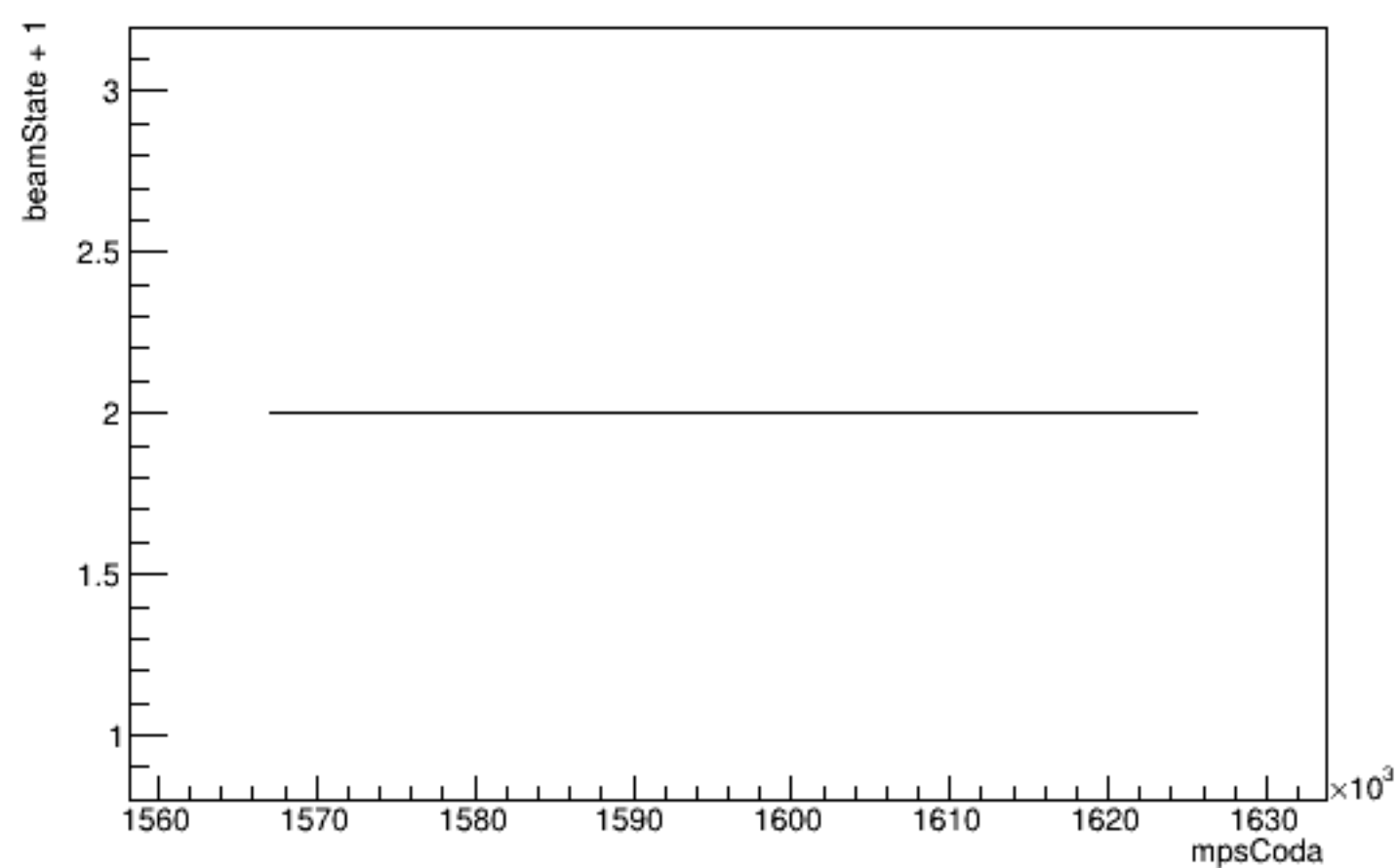
Acc0/NAcc0:mpsCoda (mpsCoda>=1567063 && mpsCoda<=1625542 && beamState==1)



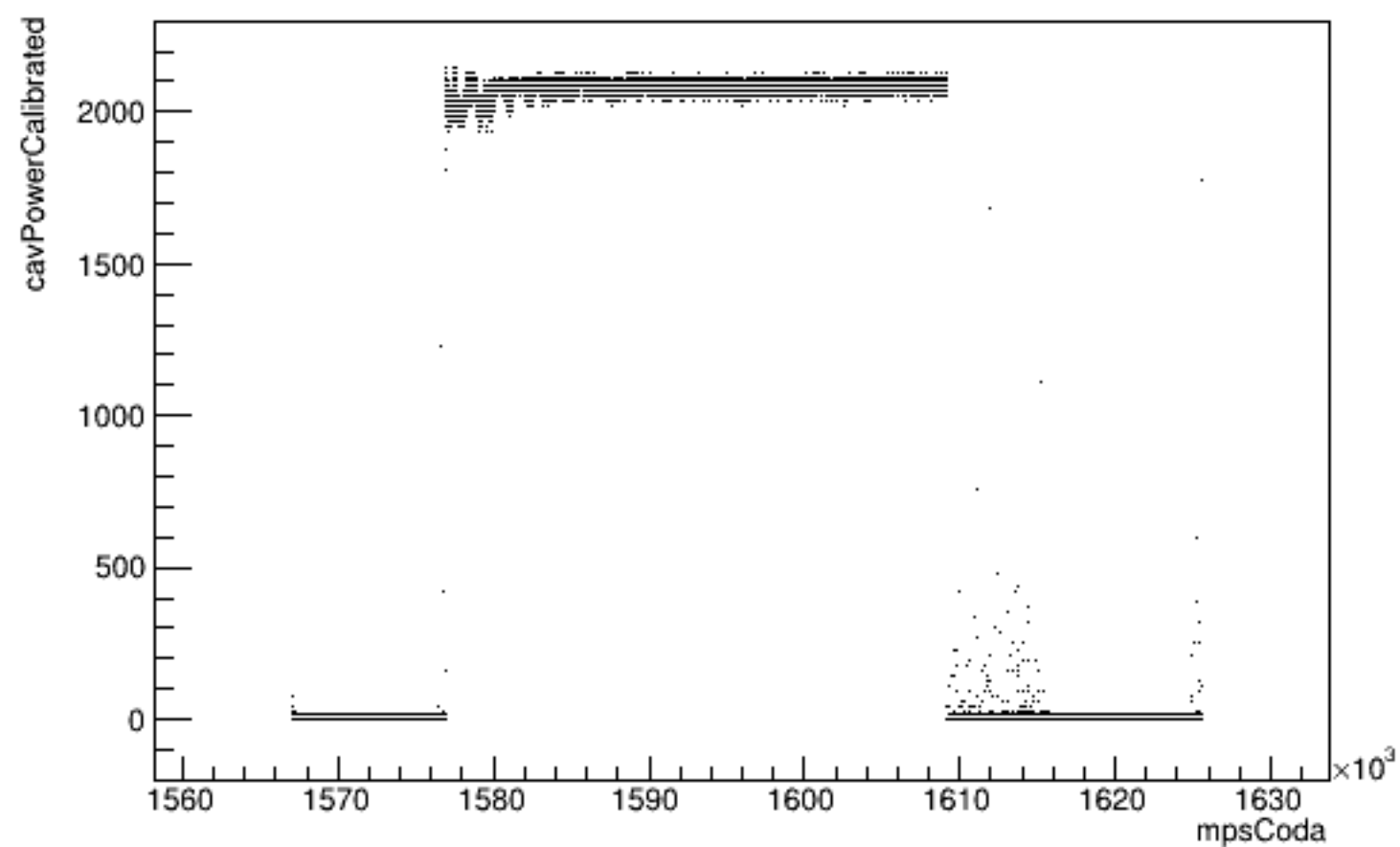
laserState:mpsCoda {mpsCoda>=1567063 && mpsCoda<=1625542}



beamState + 1:mpsCoda {mpsCoda>=1567063 && mpsCoda<=1625542}



cavPowerCalibrated:mpsCoda {mpsCoda>=1567063 && mpsCoda<=1625542}



bcm:mpsCoda {mpsCoda>=1567063 && mpsCoda<=1625542}

