

Cycle 1, Diffs

Entries: 1777

Mean: 0.0006 +/- 0.0010

Std Dev: 0.0432 +/- 0.0007

Entries: 4762

Mean: -0.0001 +/- 0.0006

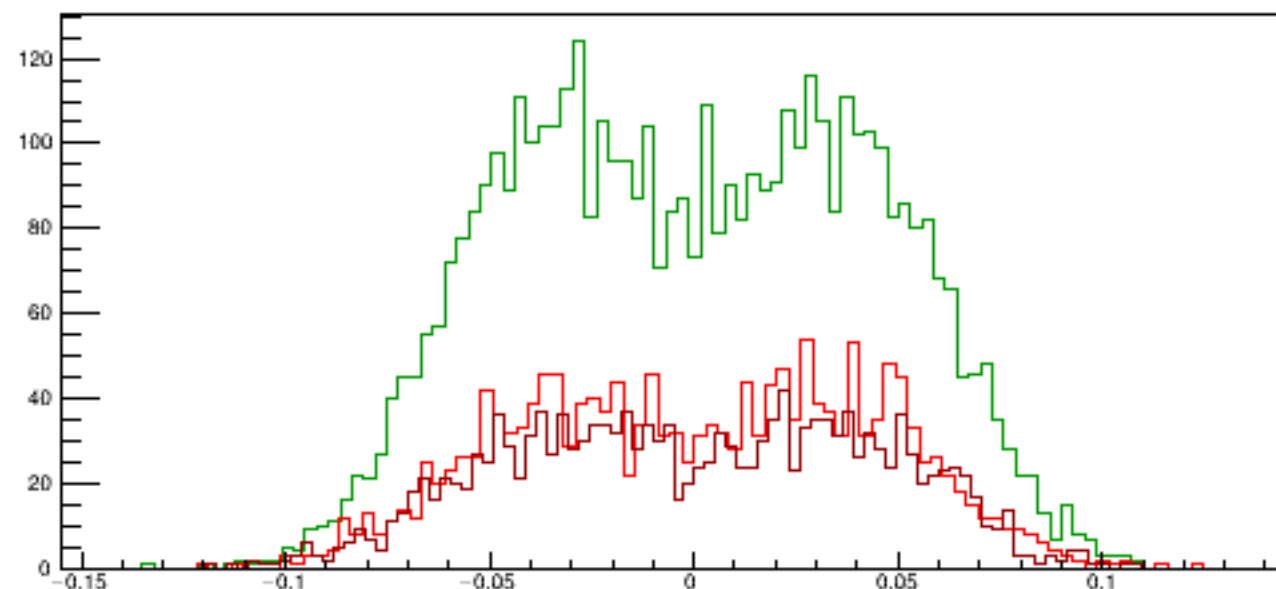
Std Dev: 0.0437 +/- 0.0004

Entries: 1635

Mean: -0.0003 +/- 0.0011

Std Dev: 0.0438 +/- 0.0008

Run 4496 quartetwise, Diffs



Cycle 1, Sums

Entries: 1777

Mean: -0.7185 +/- 0.0038

Std Dev: 0.1583 +/- 0.0027

Entries: 4762

Mean: -0.6535 +/- 0.0025

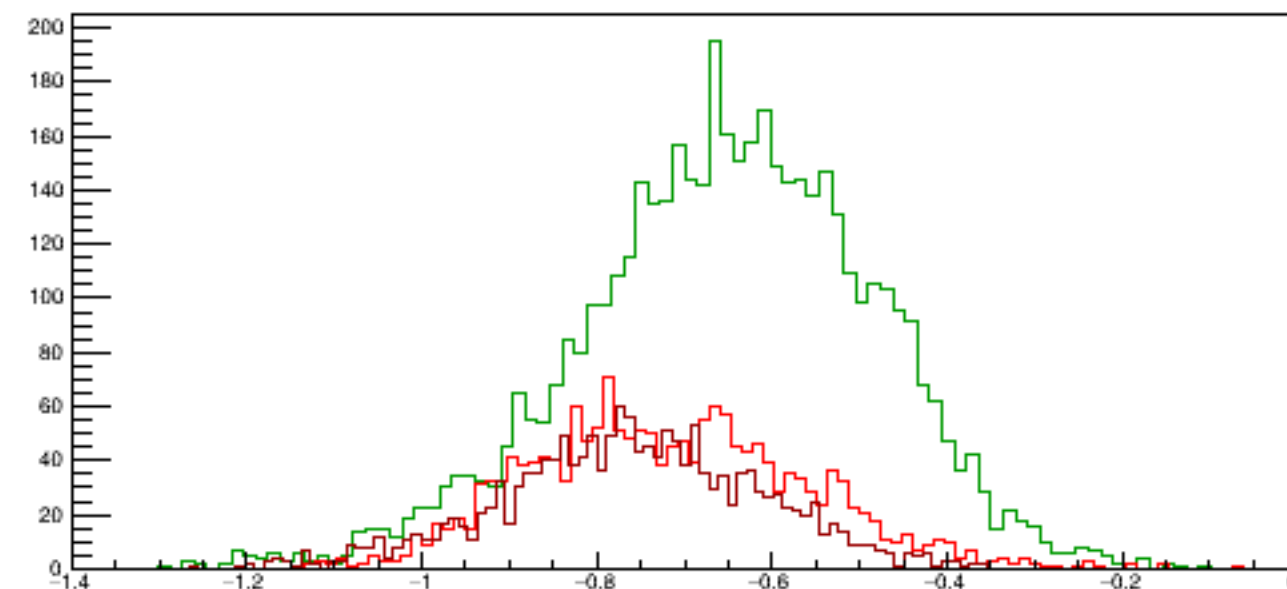
Std Dev: 0.1702 +/- 0.0017

Entries: 1635

Mean: -0.7611 +/- 0.0037

Std Dev: 0.1494 +/- 0.0026

Run 4496 quartetwise, Sums



Cycle 1, Asyms

Entries: 1777

Mean: 0.0072 +/- 0.0119

Std Dev: 0.5008 +/- 0.0084

Entries: 4762

Mean: 0.4997 +/- 0.3565

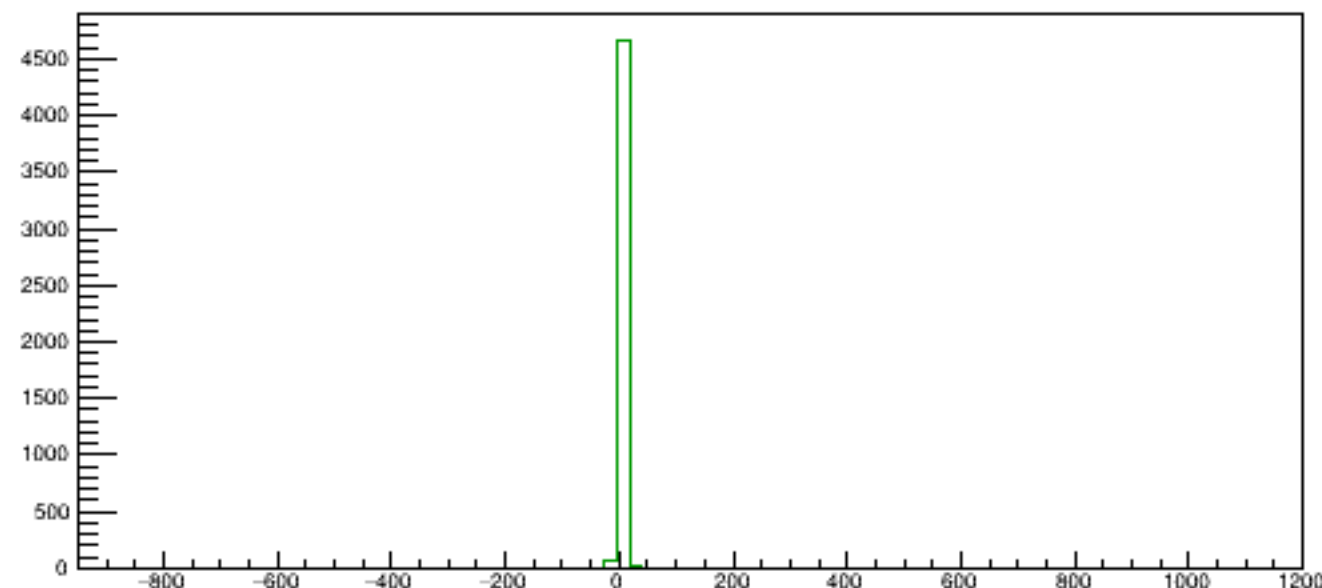
Std Dev: 24.5995 +/- 0.2521

Entries: 1635

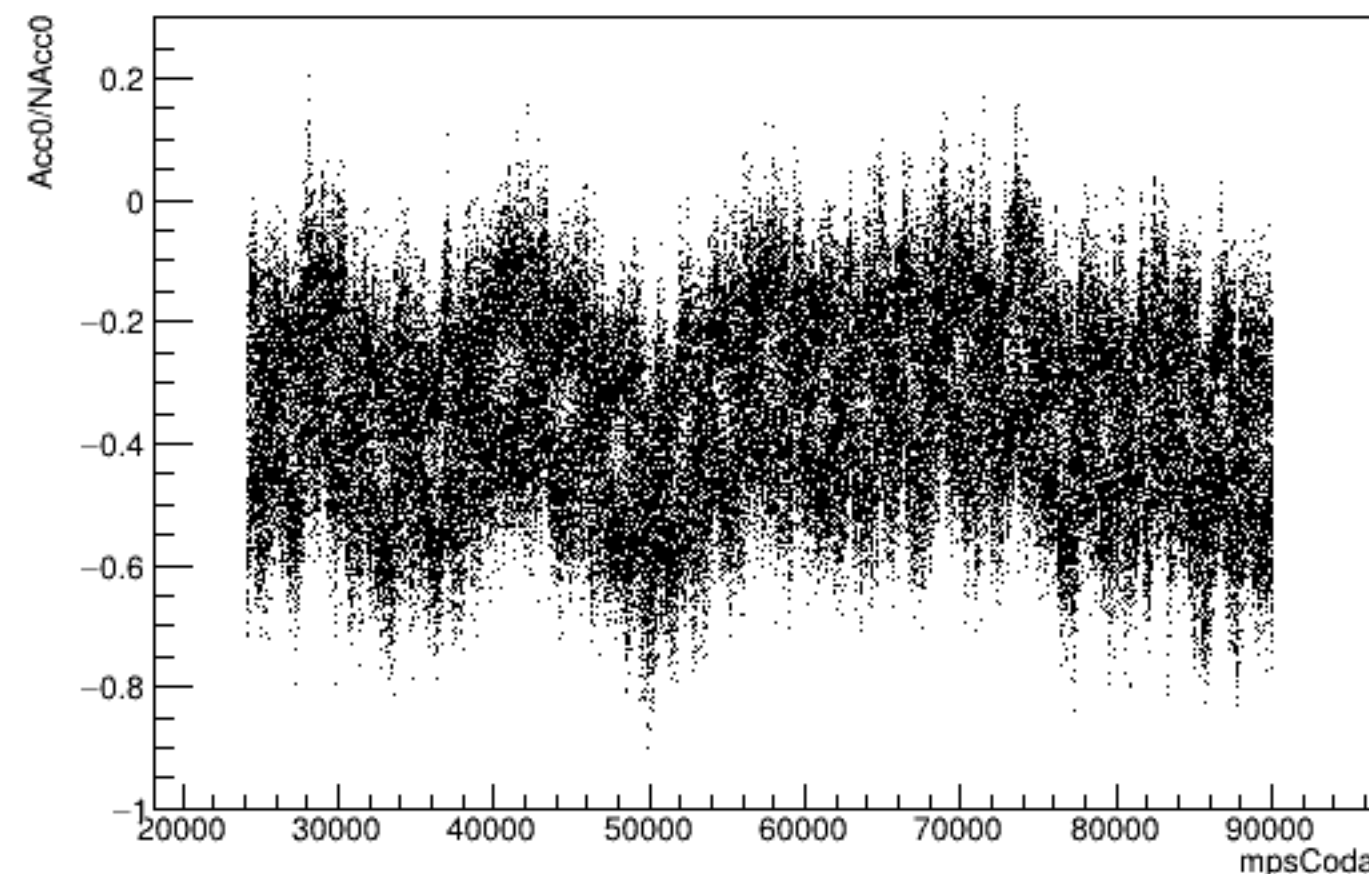
Mean: -0.0030 +/- 0.0125

Std Dev: 0.5071 +/- 0.0089

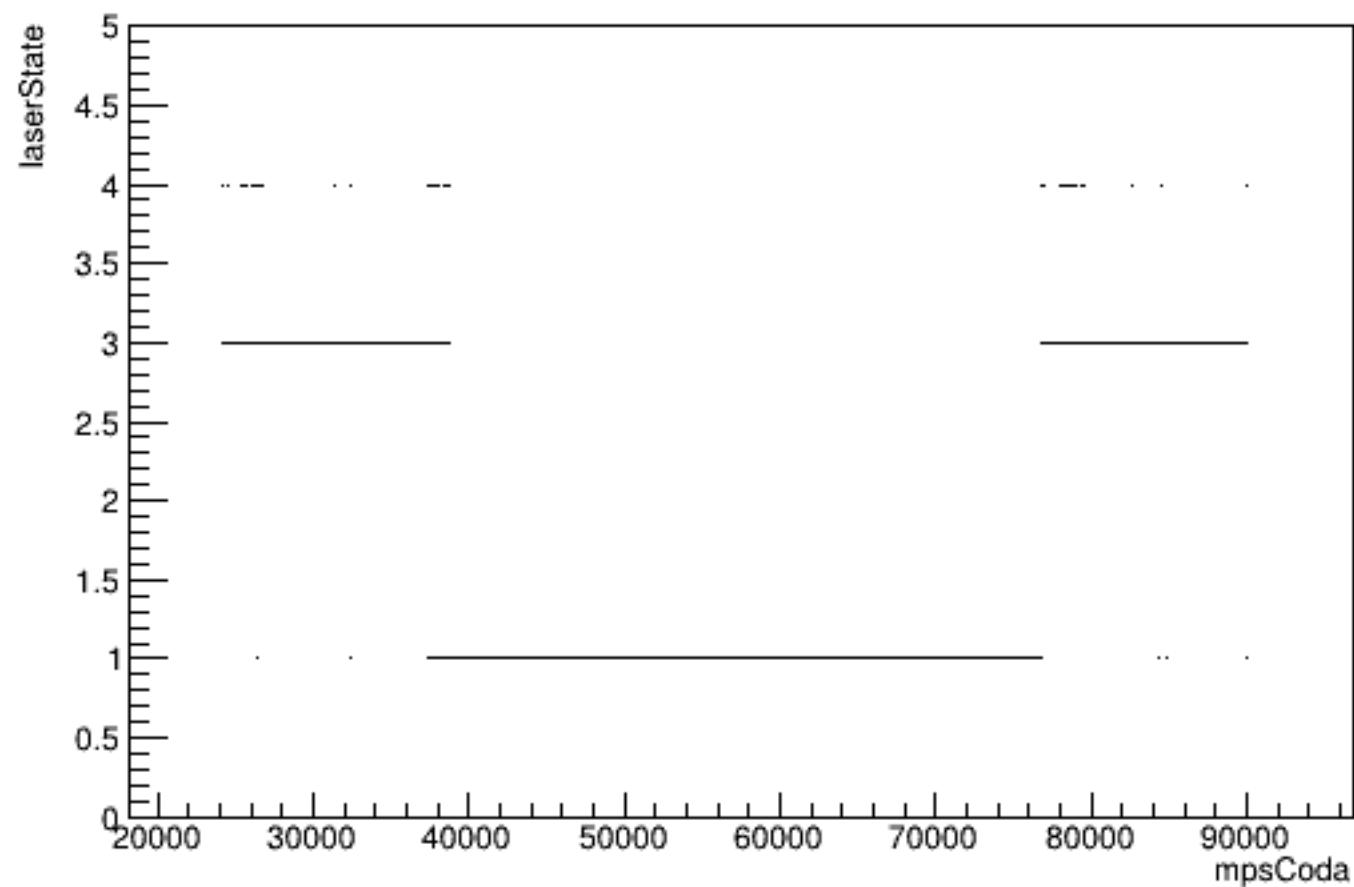
Run 4496 quartetwise, Asyms



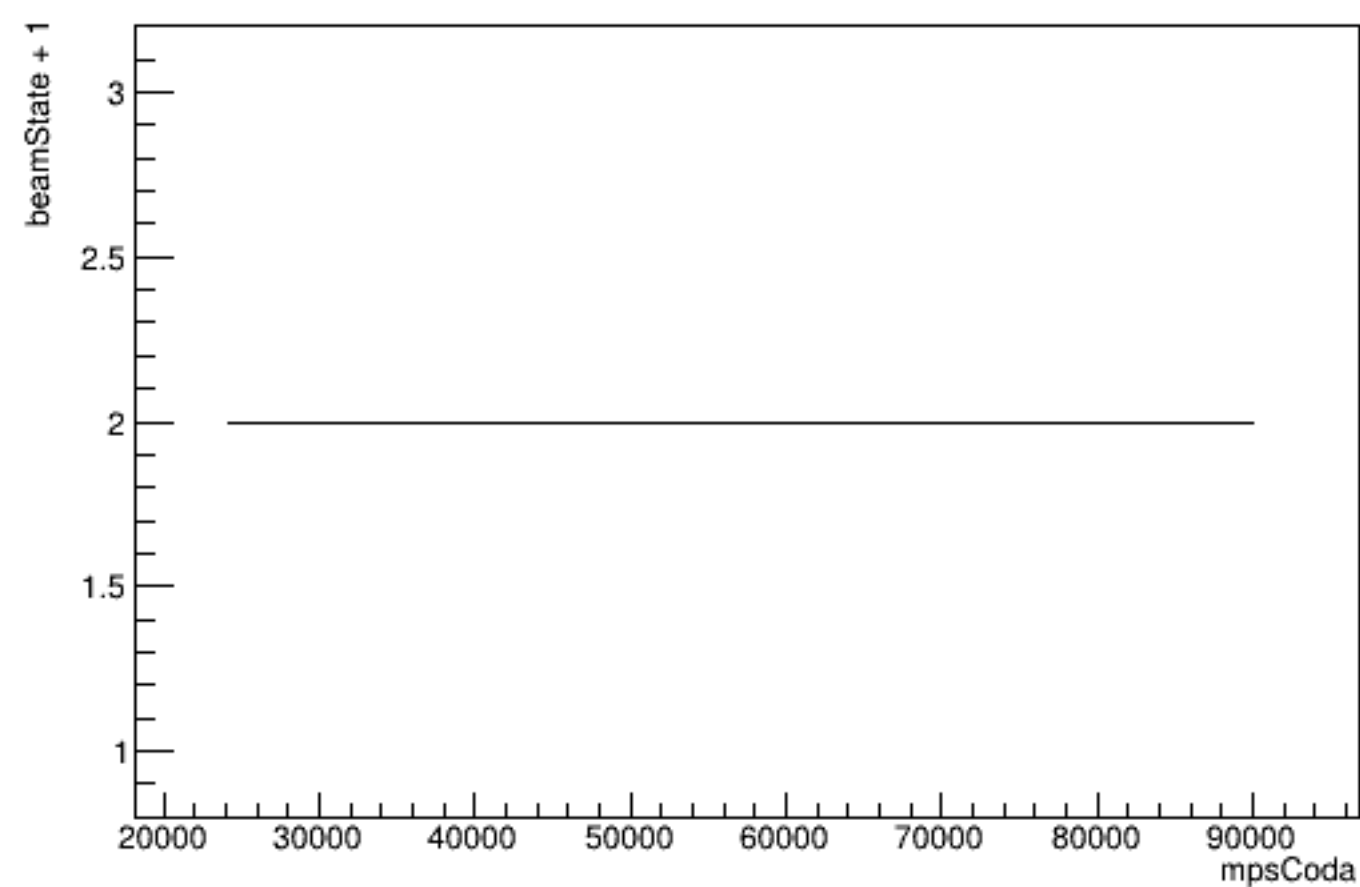
Acc0/NAcc0:mpsCoda {mpsCoda>=24120 && mpsCoda<=90079 && beamState==1}



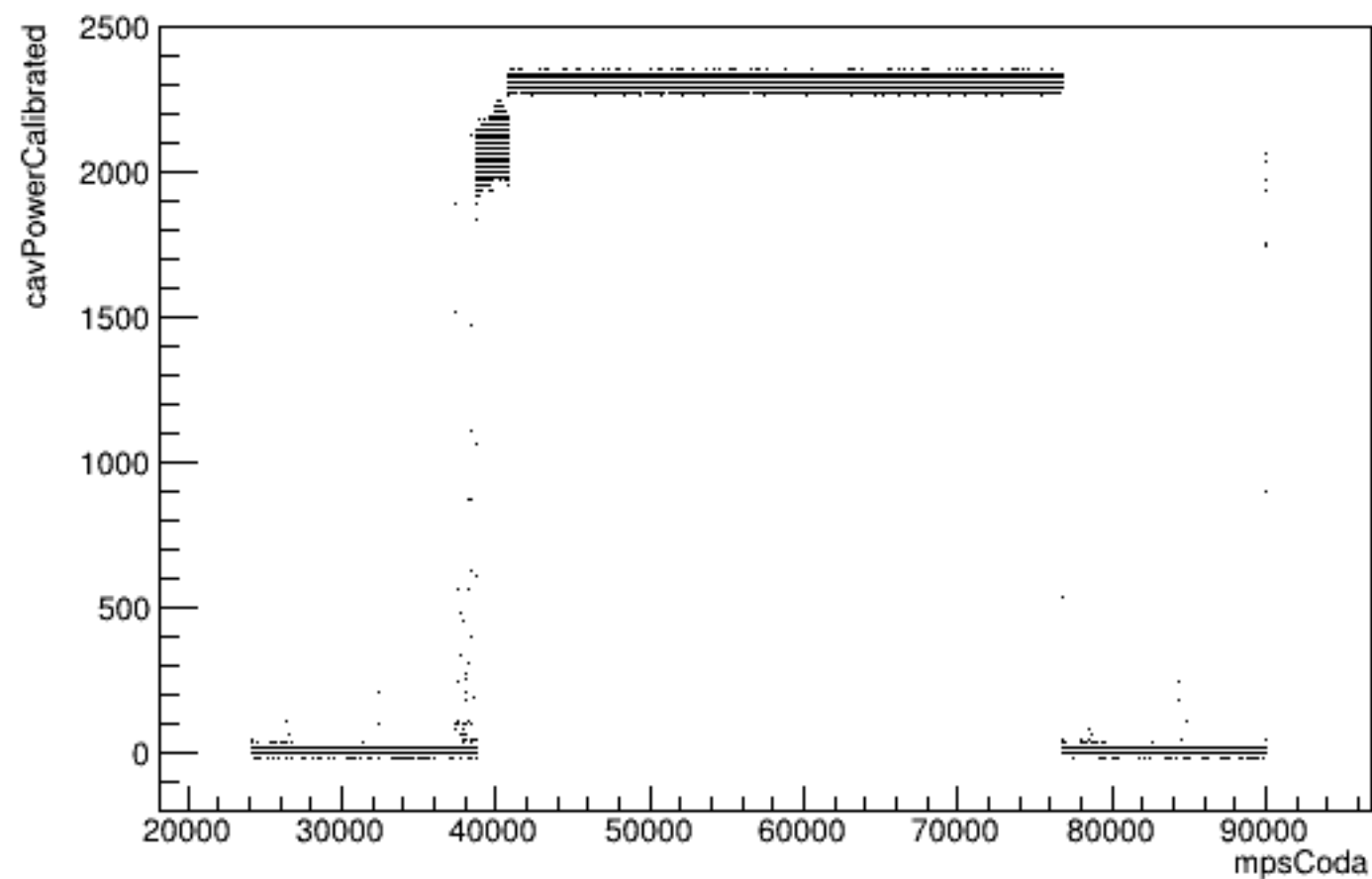
laserState:mpsCoda {mpsCoda>=24120 && mpsCoda<=90079}



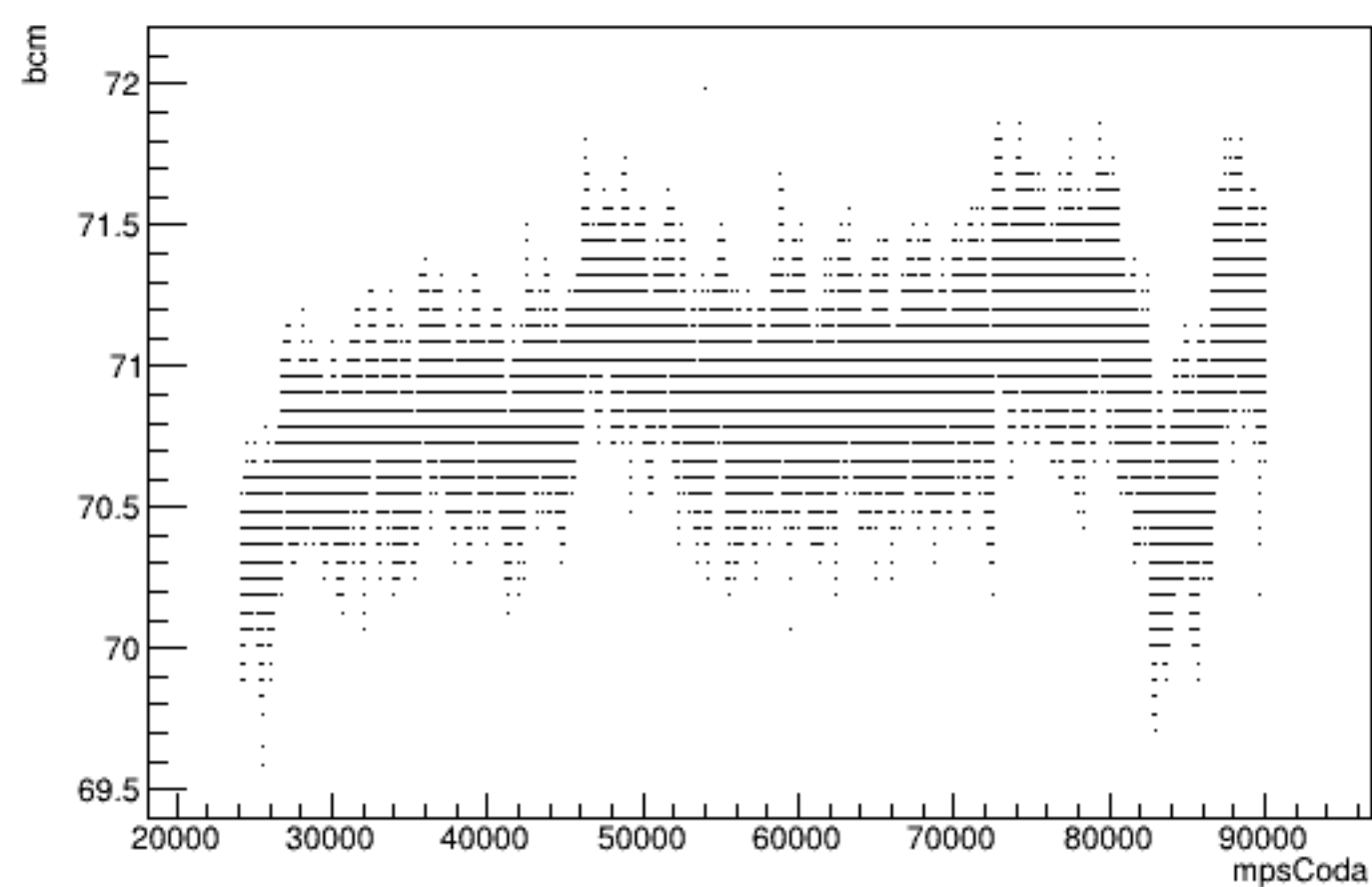
beamState + 1:mpsCoda {mpsCoda>=24120 && mpsCoda<=90079}



cavPowerCalibrated:mpsCoda {mpsCoda>=24120 && mpsCoda<=90079}



bcm:mpsCoda {mpsCoda>=24120 && mpsCoda<=90079}



Cycle 2, Diffs

Entries: 1316

Mean: 0.0000 +/- 0.0012

Std Dev: 0.0446 +/- 0.0009

Entries: 117

Mean: 0.0030 +/- 0.0037

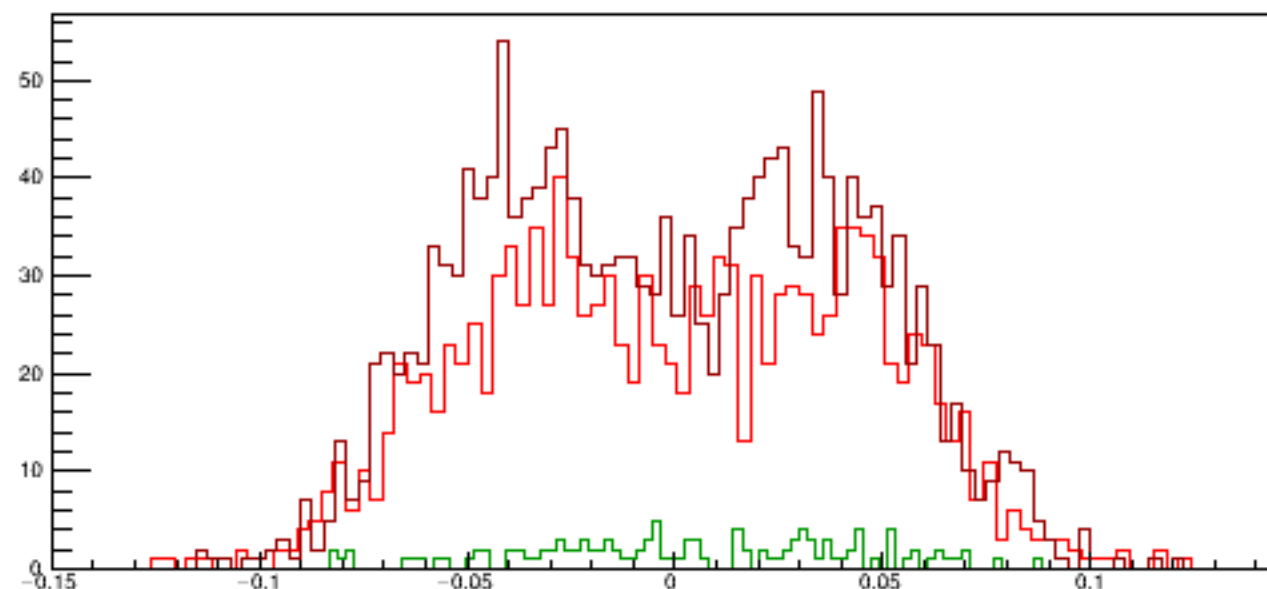
Std Dev: 0.0396 +/- 0.0026

Entries: 1783

Mean: -0.0017 +/- 0.0010

Std Dev: 0.0438 +/- 0.0007

Run 4496 quartetwise, Diffs



Cycle 2, Sums

Entries: 1316

Mean: -0.6488 +/- 0.0039

Std Dev: 0.1419 +/- 0.0028

Entries: 117

Mean: -0.6612 +/- 0.0114

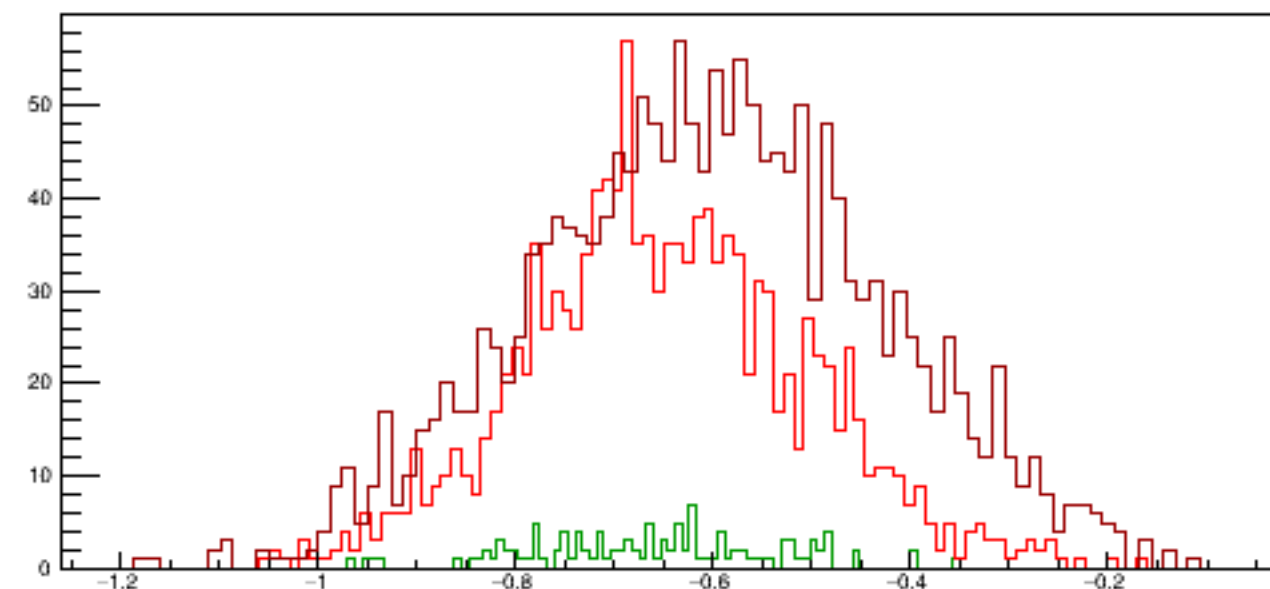
Std Dev: 0.1234 +/- 0.0081

Entries: 1783

Mean: -0.6058 +/- 0.0042

Std Dev: 0.1758 +/- 0.0029

Run 4496 quartetwise, Sums



Cycle 2, Asyms

Entries: 1316

Mean: -0.0002 +/- 0.0363

Std Dev: 1.3157 +/- 0.0256

Entries: 117

Mean: 0.0537 +/- 0.3740

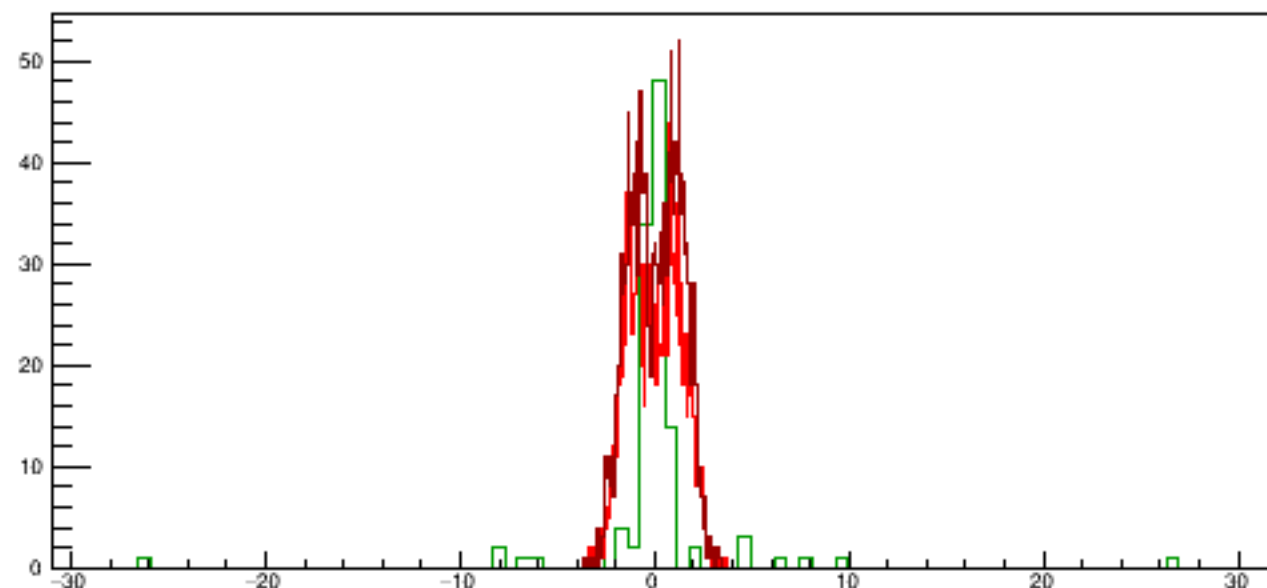
Std Dev: 4.0457 +/- 0.2645

Entries: 1783

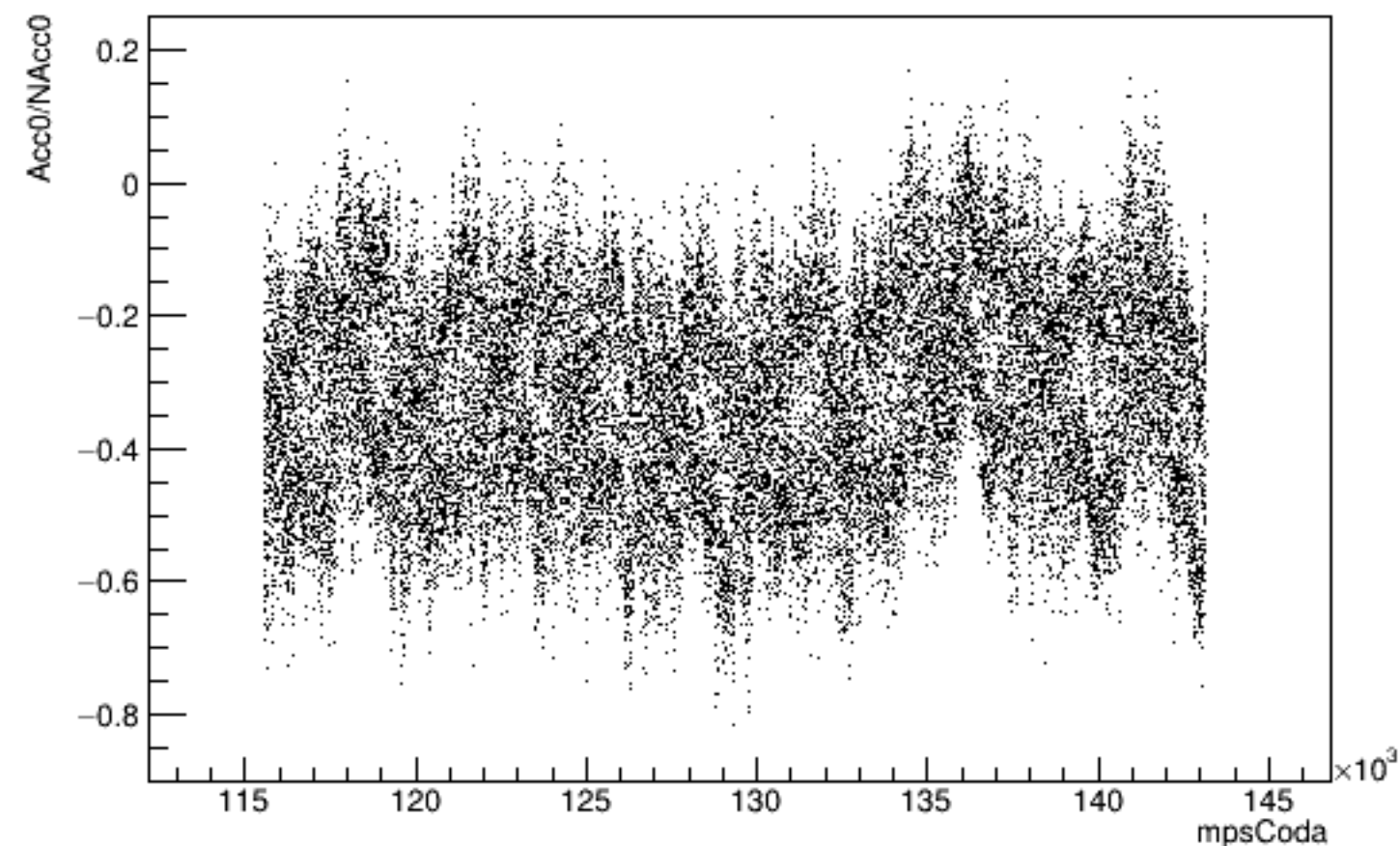
Mean: 0.0492 +/- 0.0306

Std Dev: 1.2912 +/- 0.0216

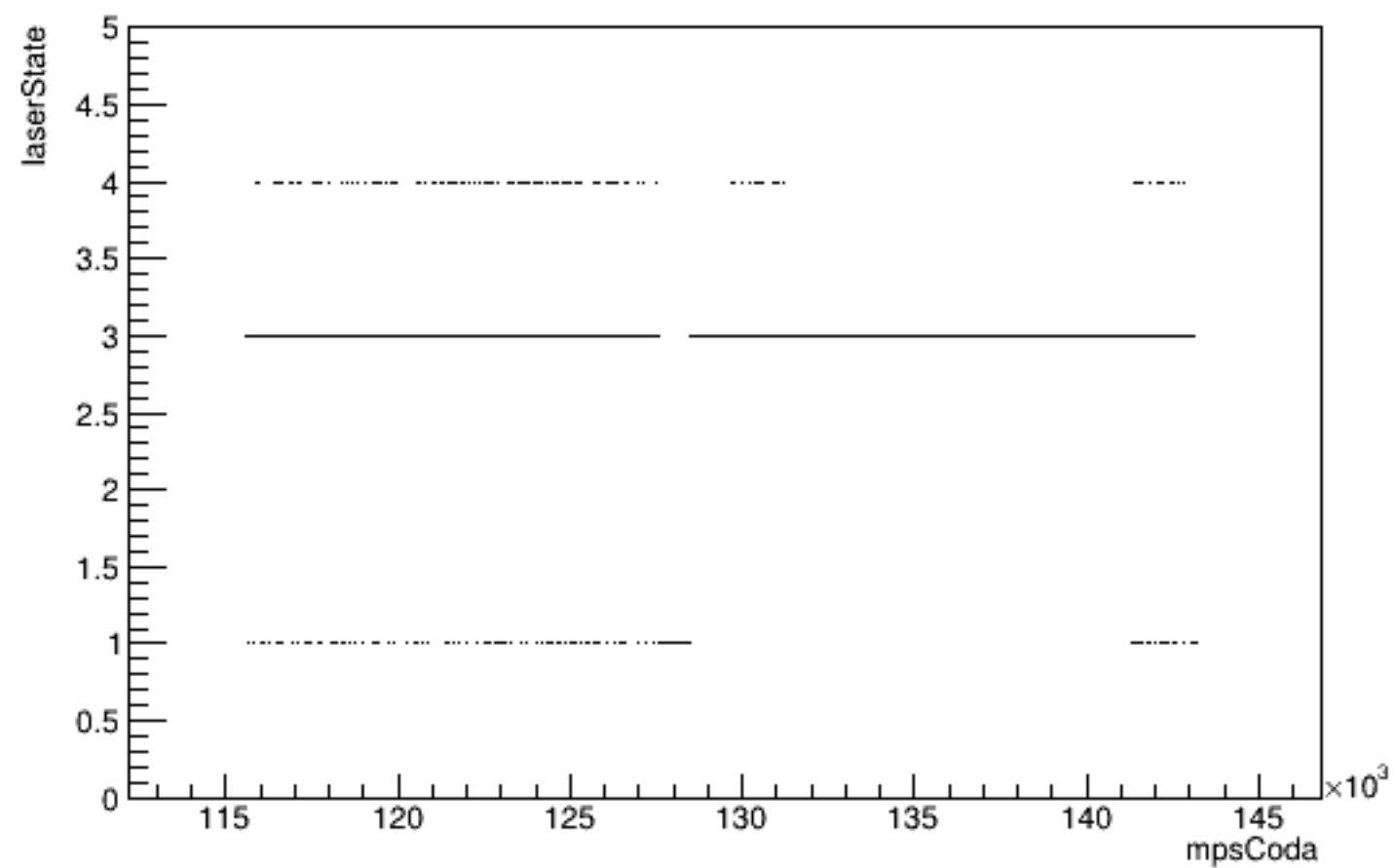
Run 4496 quartetwise, Asyms



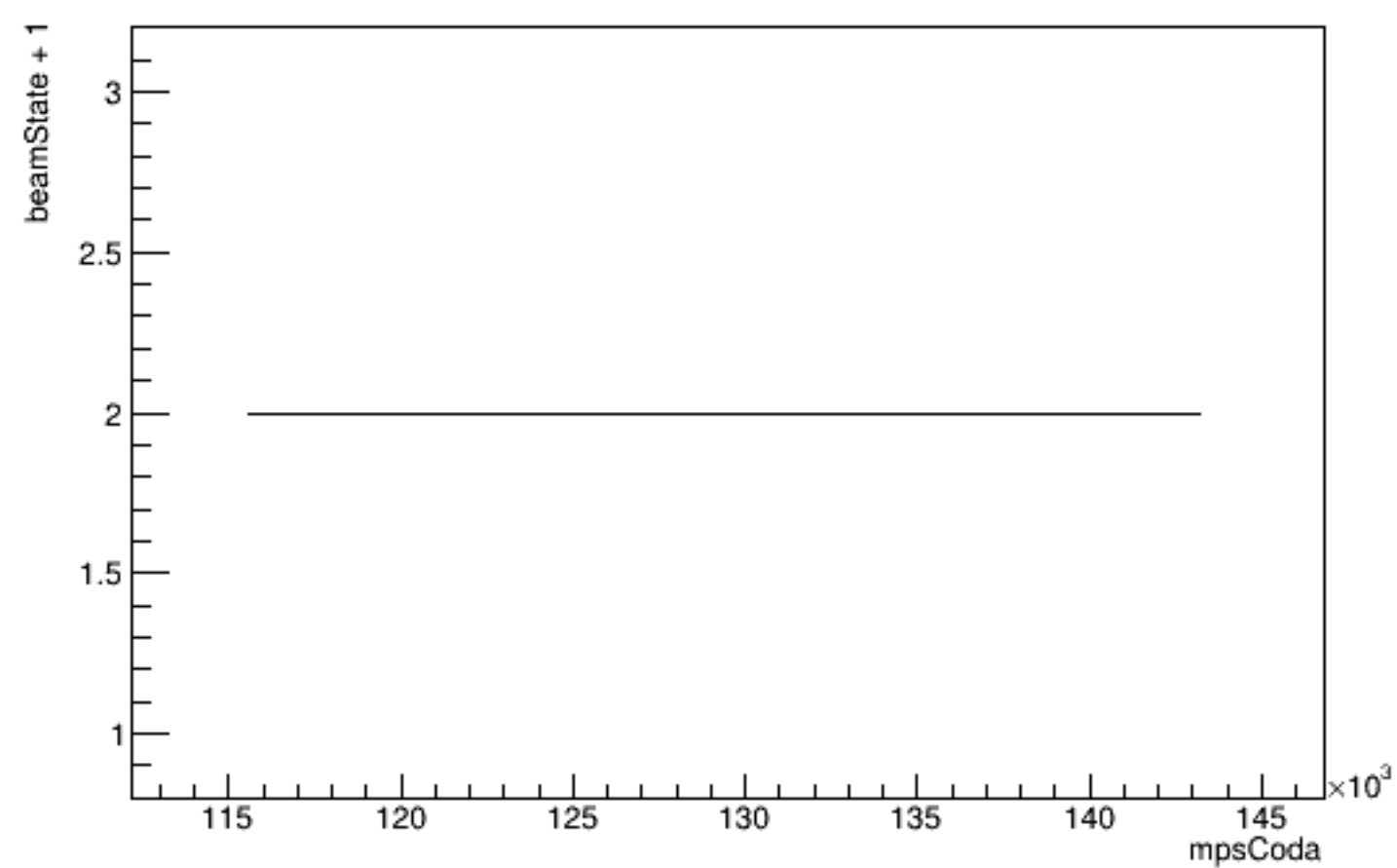
Acc0/NAcc0:mpsCoda (mpsCoda>=115552 && mpsCoda<=143159 && beamState==1)



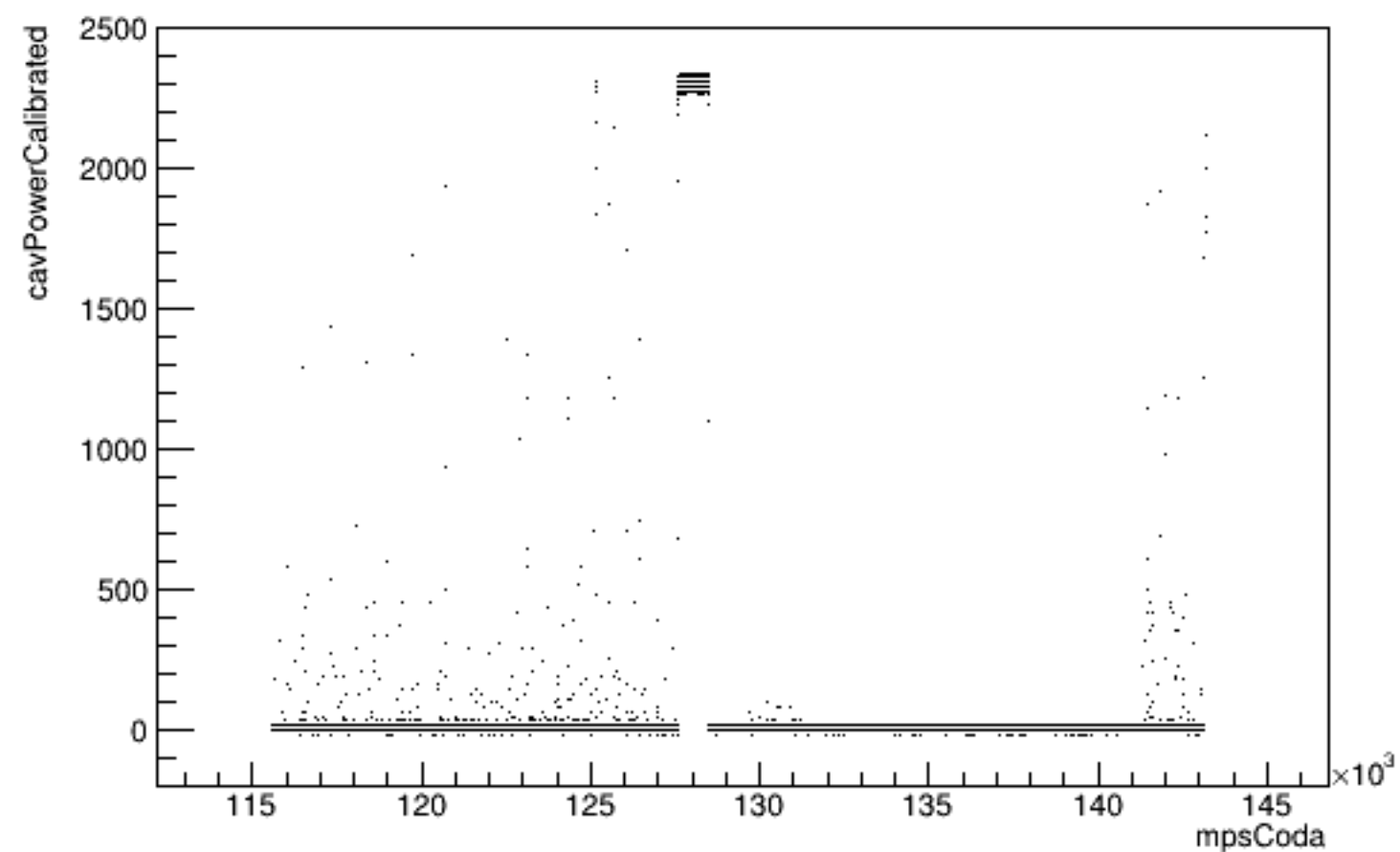
laserState:mpsCoda {mpsCoda>=115552 && mpsCoda<=143159}



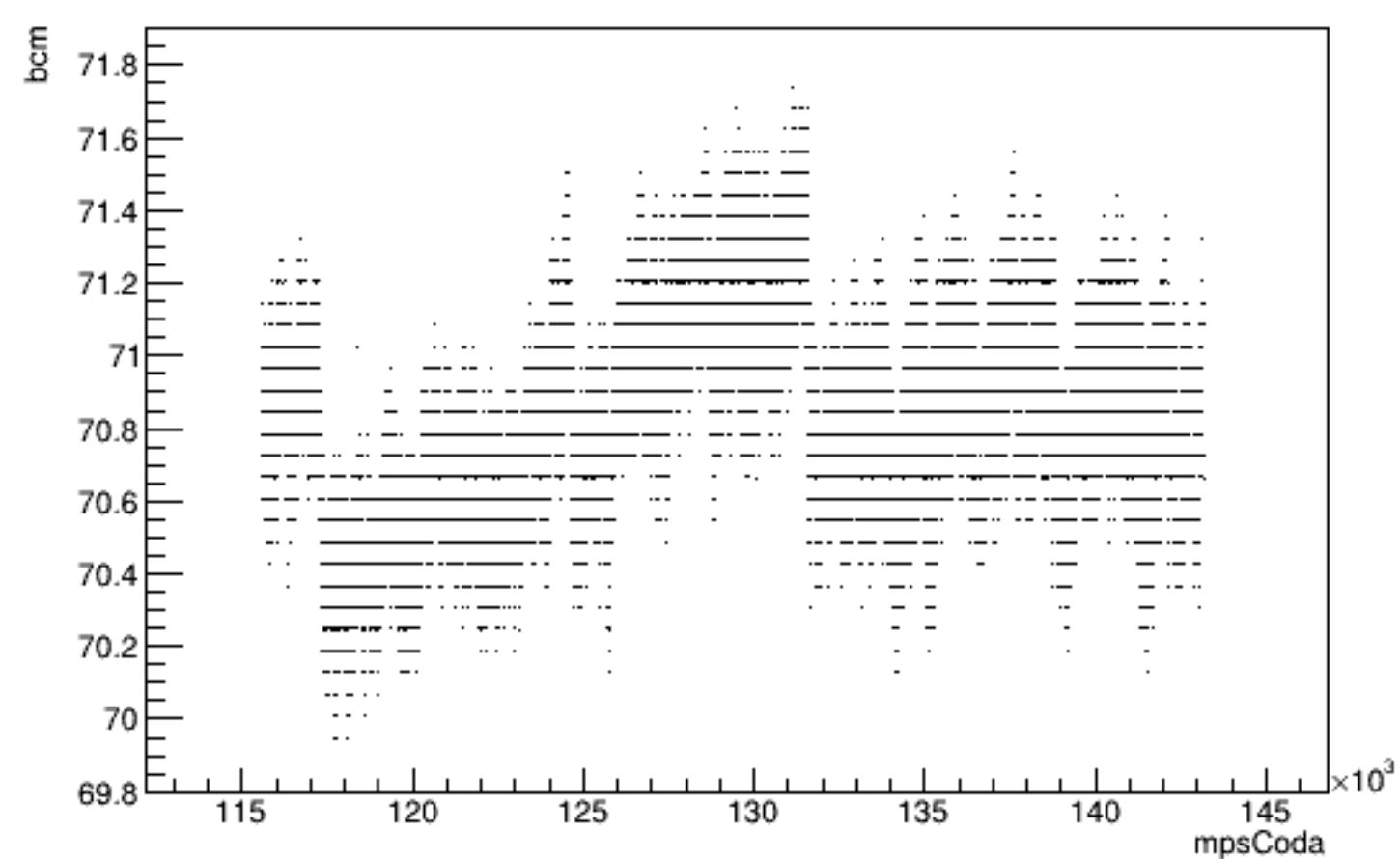
beamState + 1:mpsCoda {mpsCoda>=115552 && mpsCoda<=143159}



cavPowerCalibrated:mpsCoda {mpsCoda>=115552 && mpsCoda<=143159}



bcm:mpsCoda {mpsCoda>=115552 && mpsCoda<=143159}



Cycle 3, Diffs

Entries: 1783

Mean: -0.0017 +/- 0.0010

Std Dev: 0.0438 +/- 0.0007

Entries: 3969

Mean: -0.0004 +/- 0.0007

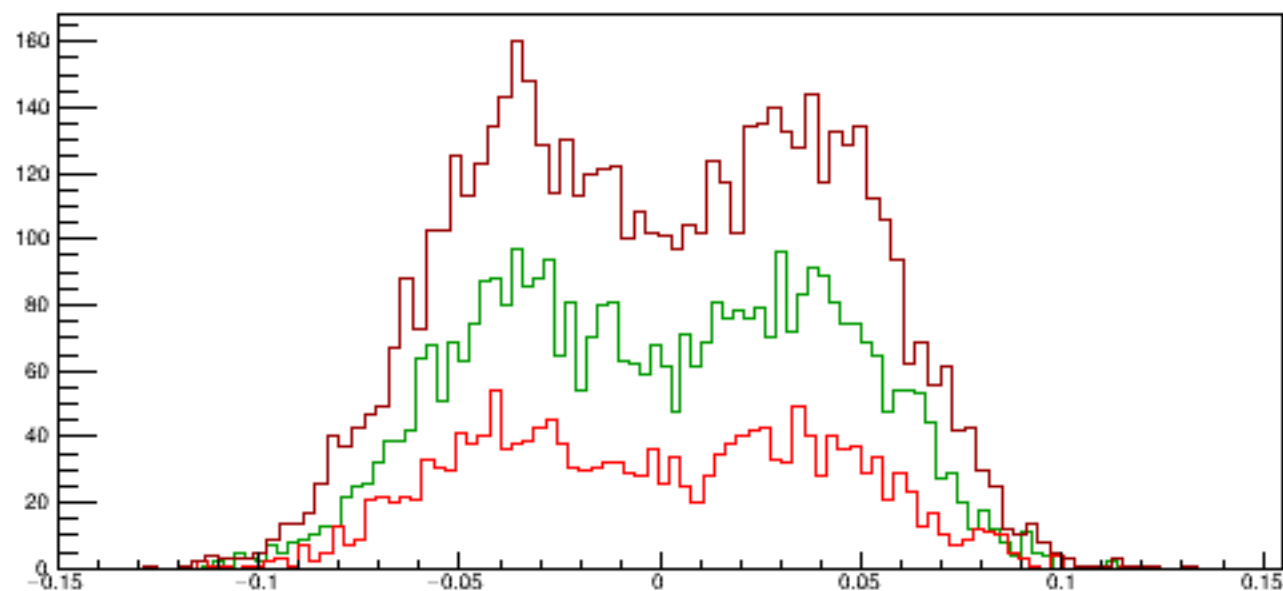
Std Dev: 0.0433 +/- 0.0005

Entries: 5693

Mean: -0.0005 +/- 0.0006

Std Dev: 0.0442 +/- 0.0004

Run 4496 quartetwise, Diffs



Cycle 3, Sums

Entries: 1783

Mean: -0.6058 +/- 0.0042

Std Dev: 0.1758 +/- 0.0029

Entries: 3969

Mean: -0.7740 +/- 0.0030

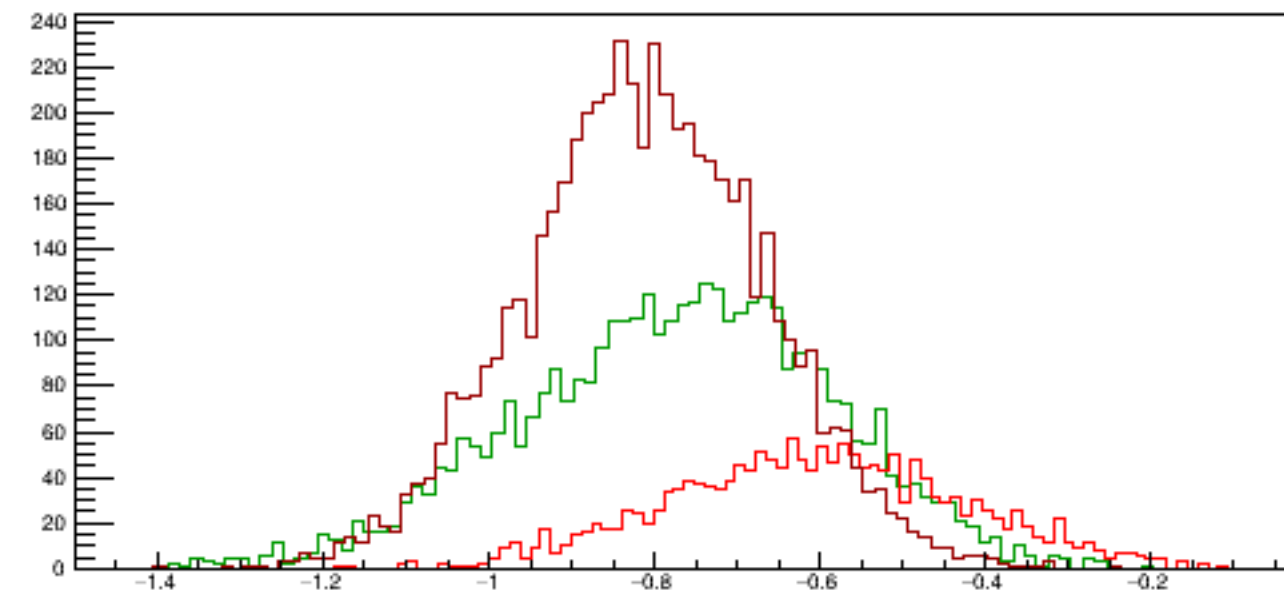
Std Dev: 0.1869 +/- 0.0021

Entries: 5693

Mean: -0.8118 +/- 0.0019

Std Dev: 0.1456 +/- 0.0014

Run 4496 quartetwise, Sums



Cycle 3, Asyms

Entries: 1783

Mean: 0.0256 +/- 0.0159

Std Dev: 0.6714 +/- 0.0112

Entries: 3969

Mean: 2.7491 +/- 2.8362

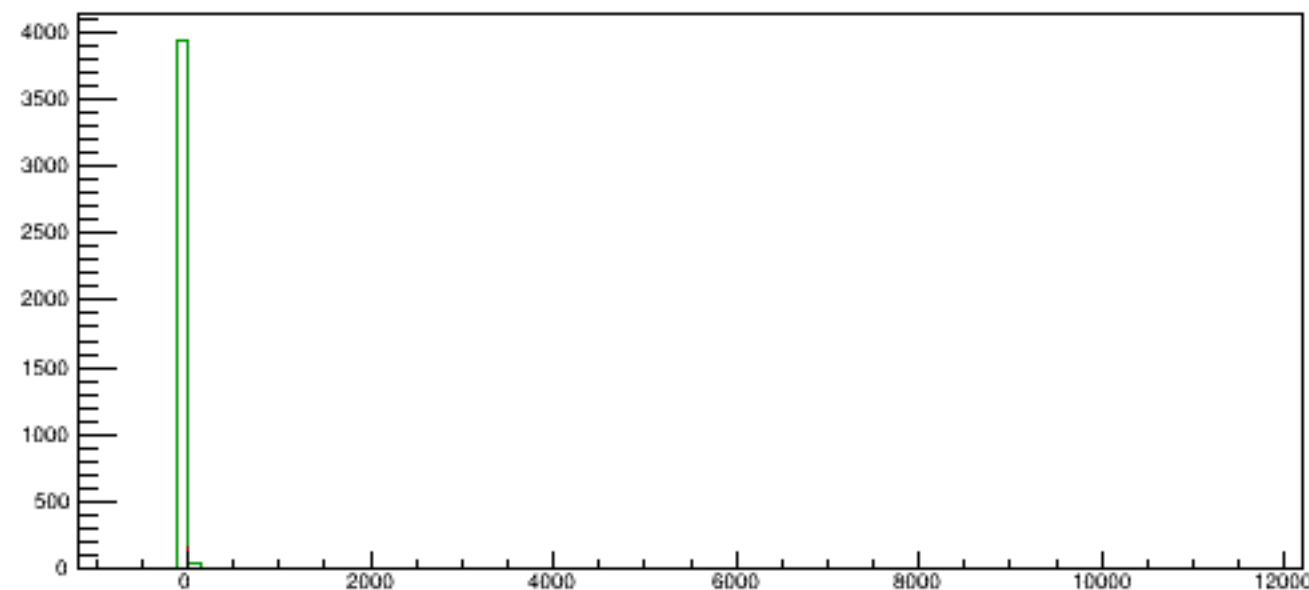
Std Dev: 178.6830 +/- 2.0055

Entries: 5693

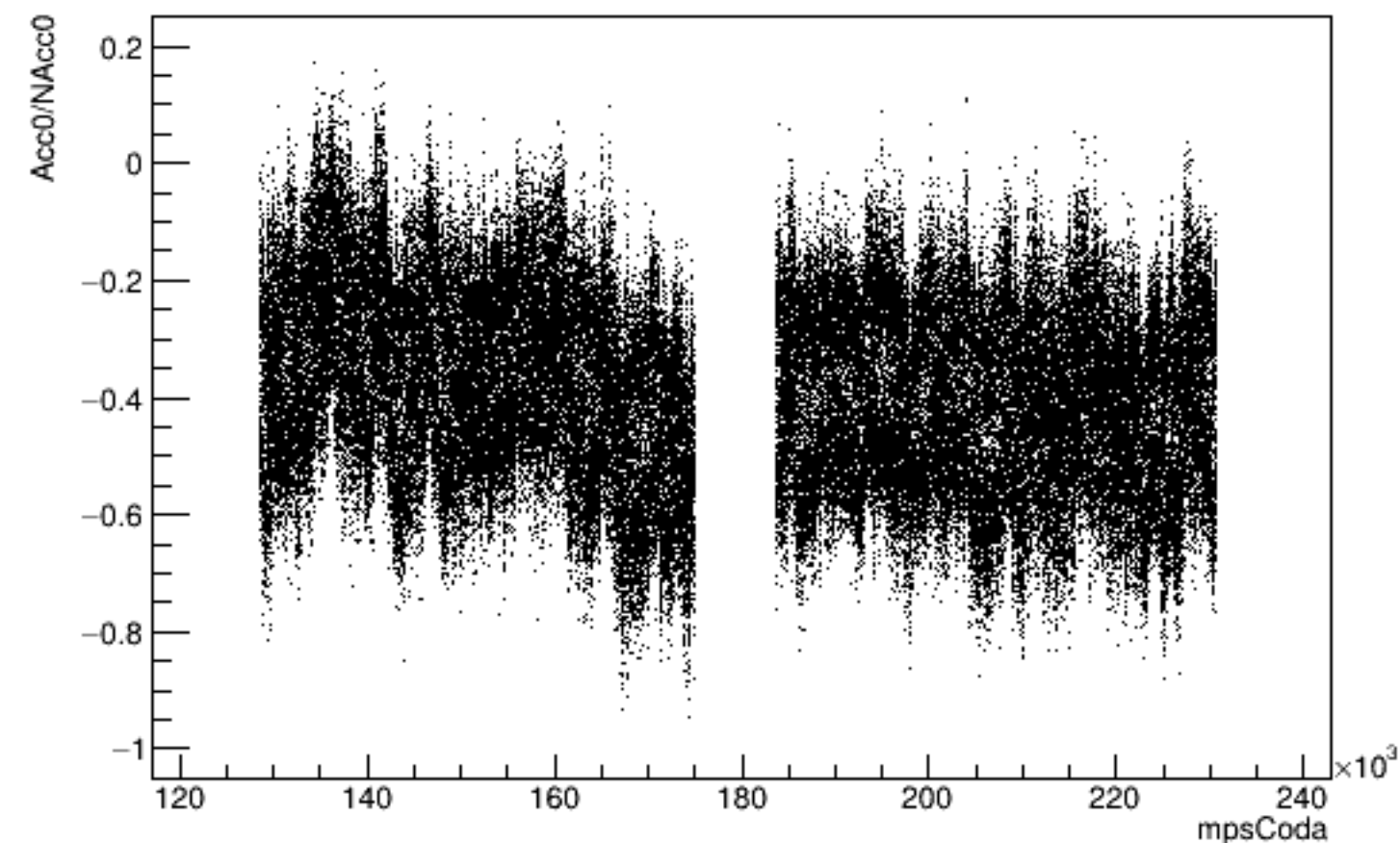
Mean: 0.0084 +/- 0.0090

Std Dev: 0.6774 +/- 0.0063

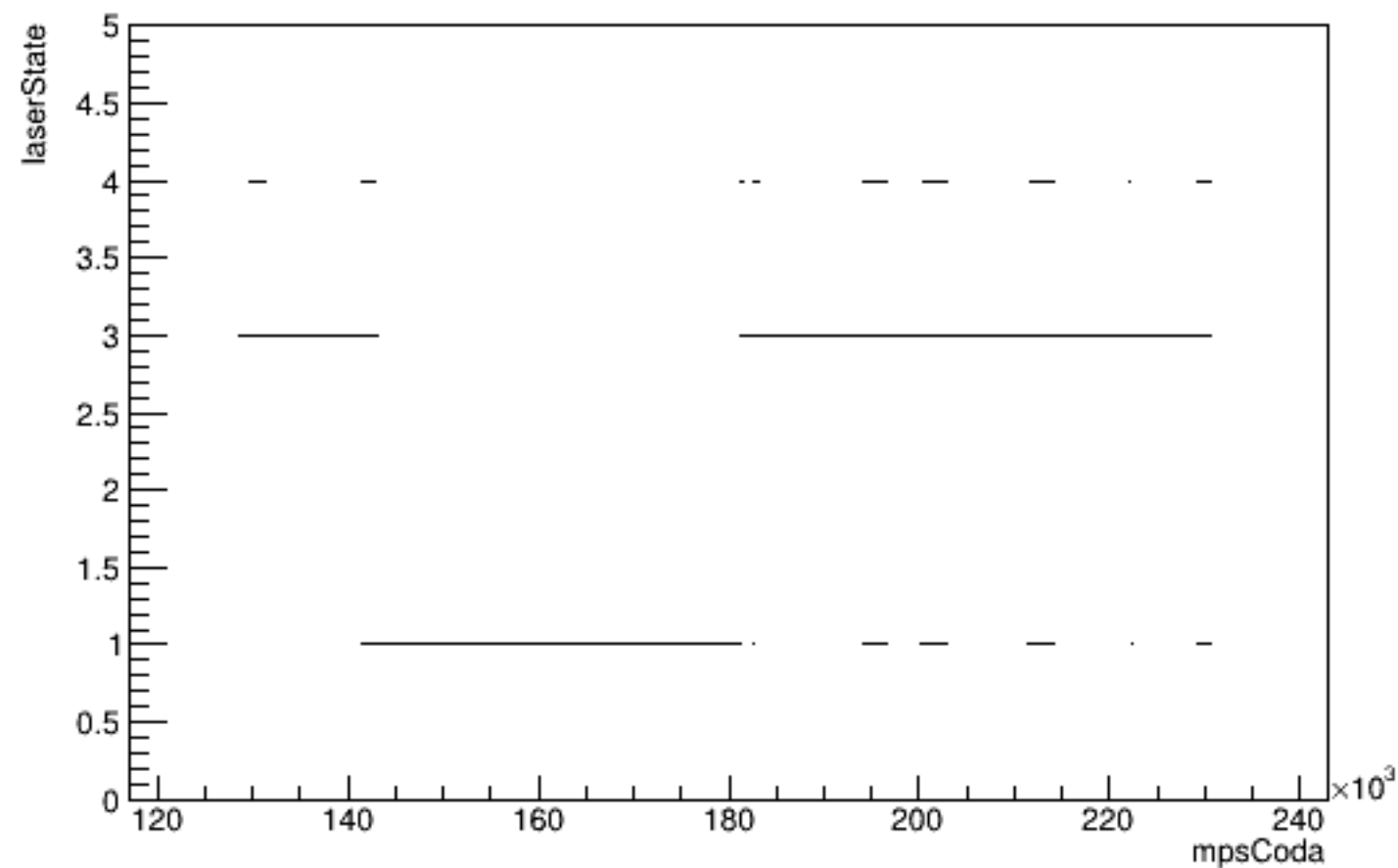
Run 4496 quartetwise, Asyms



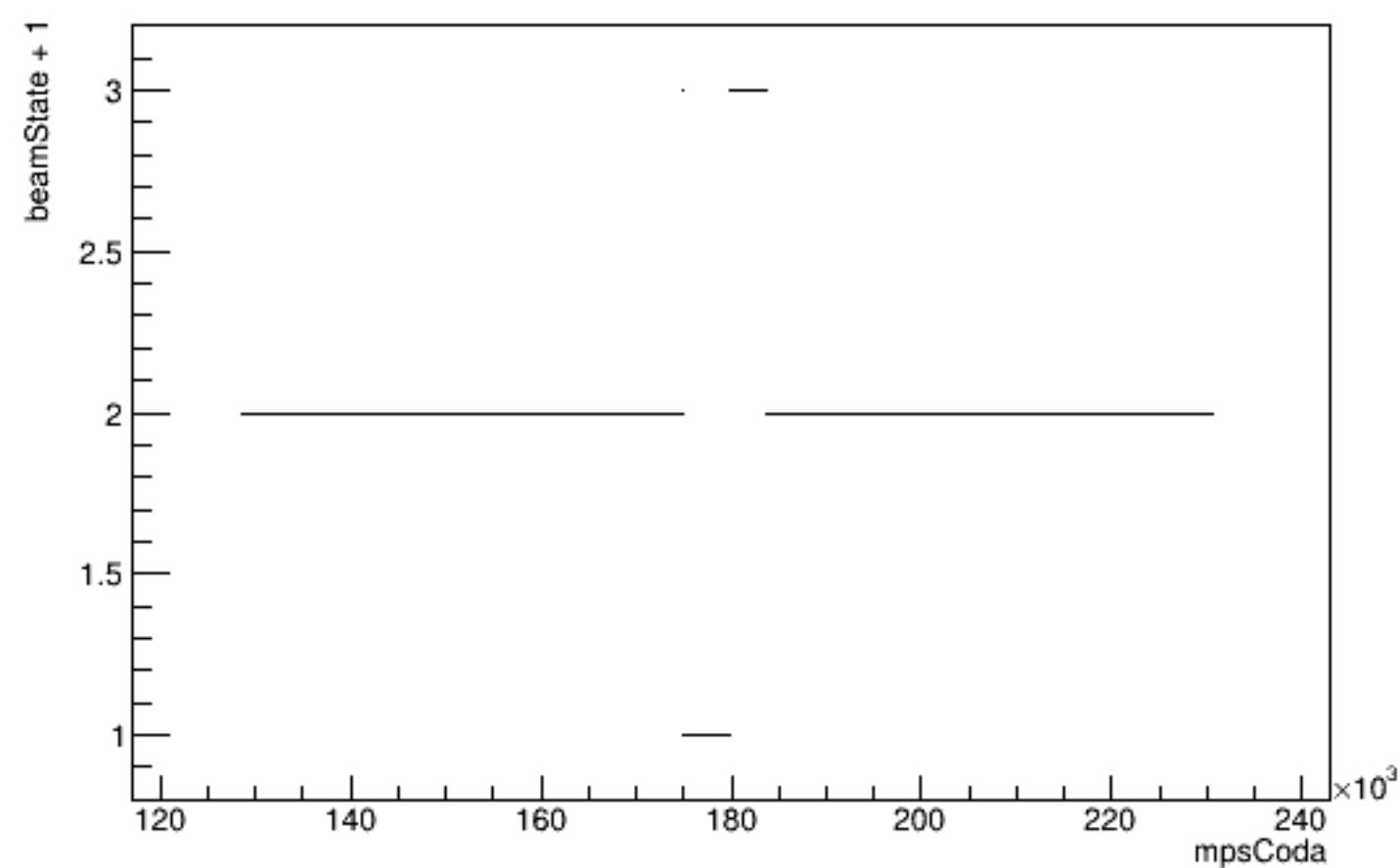
Acc0/NAcc0:mpsCoda (mpsCoda>=128520 && mpsCoda<=230727 && beamState==1)



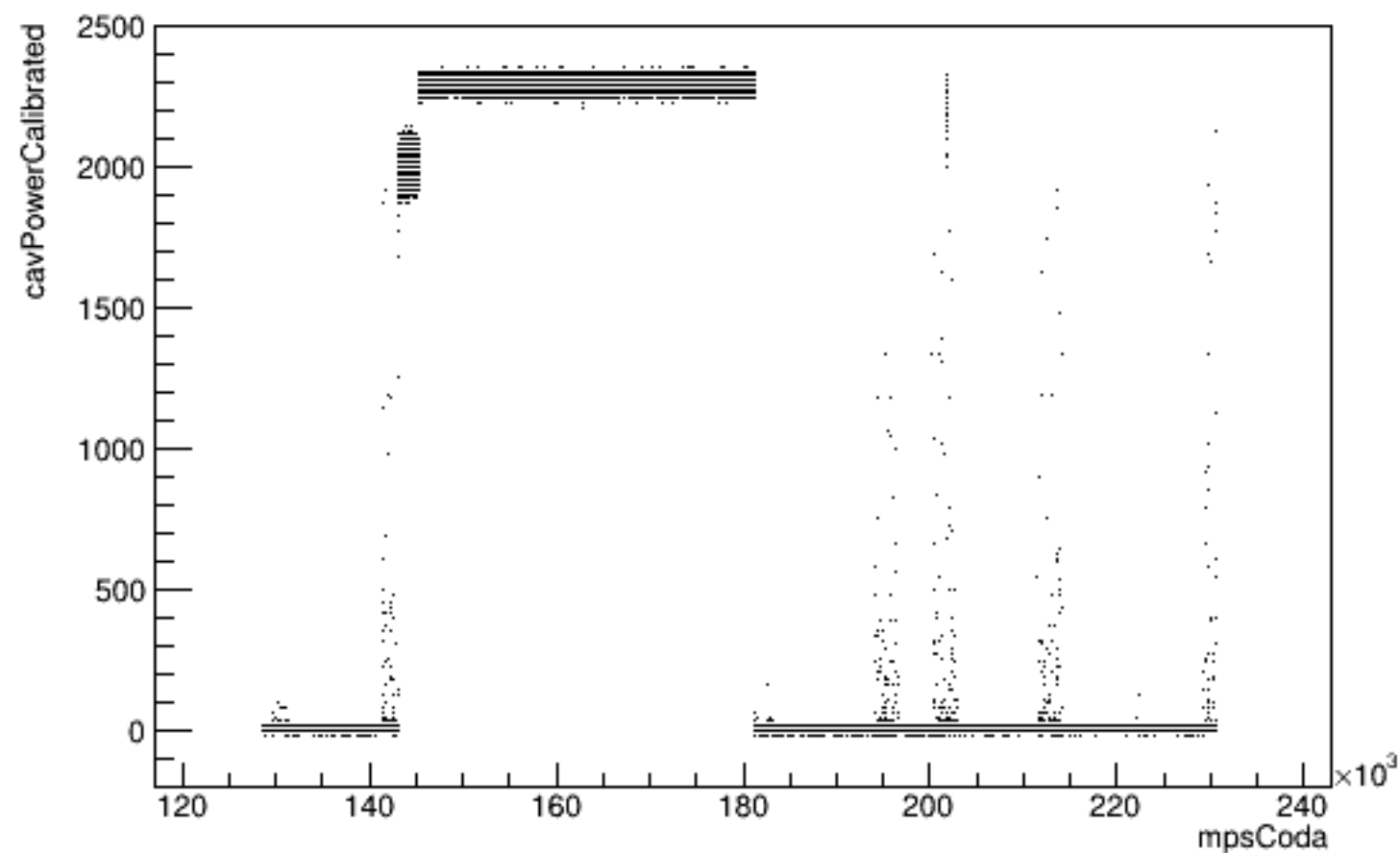
laserState:mpsCoda {mpsCoda>=128520 && mpsCoda<=230727}



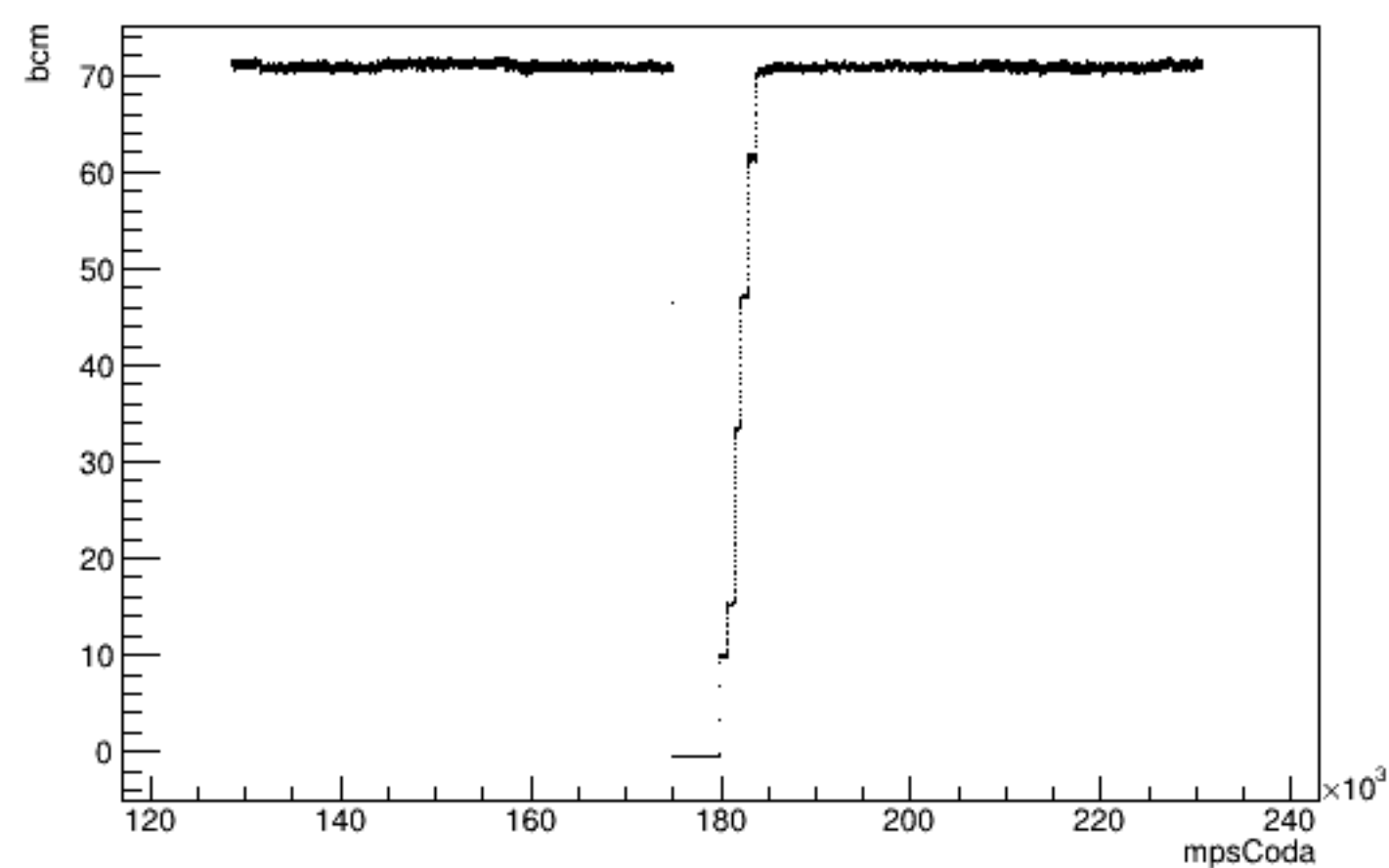
beamState + 1:mpsCoda {mpsCoda>=128520 && mpsCoda<=230727}



cavPowerCalibrated:mpsCoda {mpsCoda>=128520 && mpsCoda<=230727}



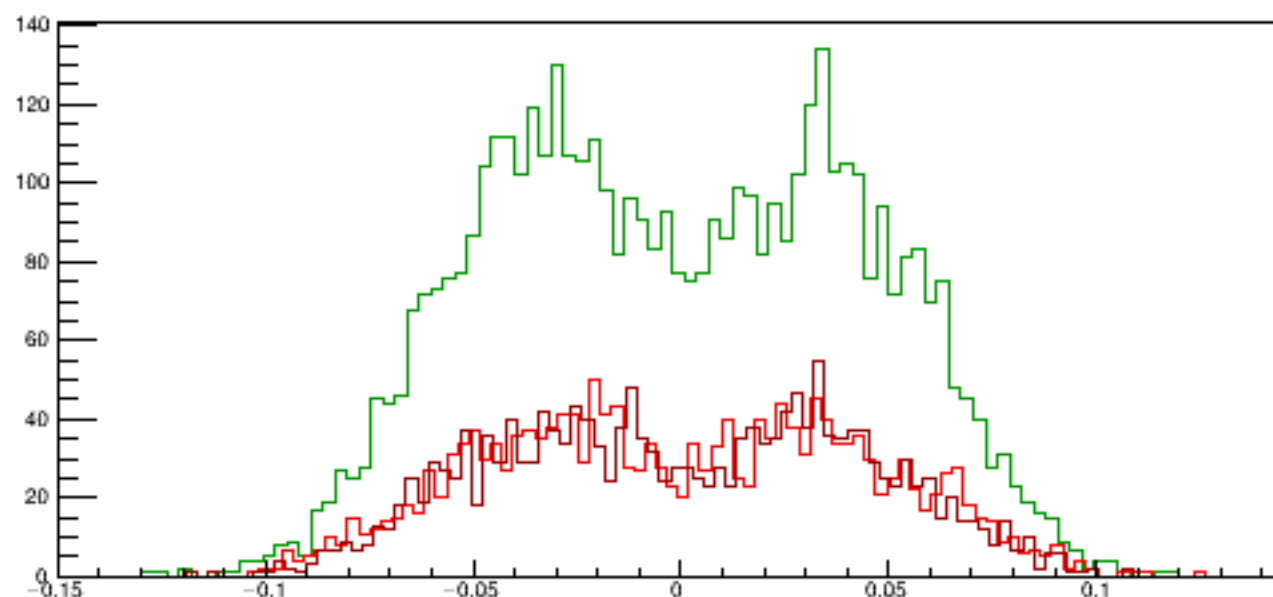
bcm:mpsCoda {mpsCoda>=128520 && mpsCoda<=230727}



Cycle 4, Diffs

Entries: 1821	Entries: 4773	Entries: 1781
Mean: -0.0004 +/- 0.0010	Mean: -0.0010 +/- 0.0006	Mean: 0.0002 +/- 0.0010
Std Dev: 0.0444 +/- 0.0007	Std Dev: 0.0439 +/- 0.0004	Std Dev: 0.0430 +/- 0.0007

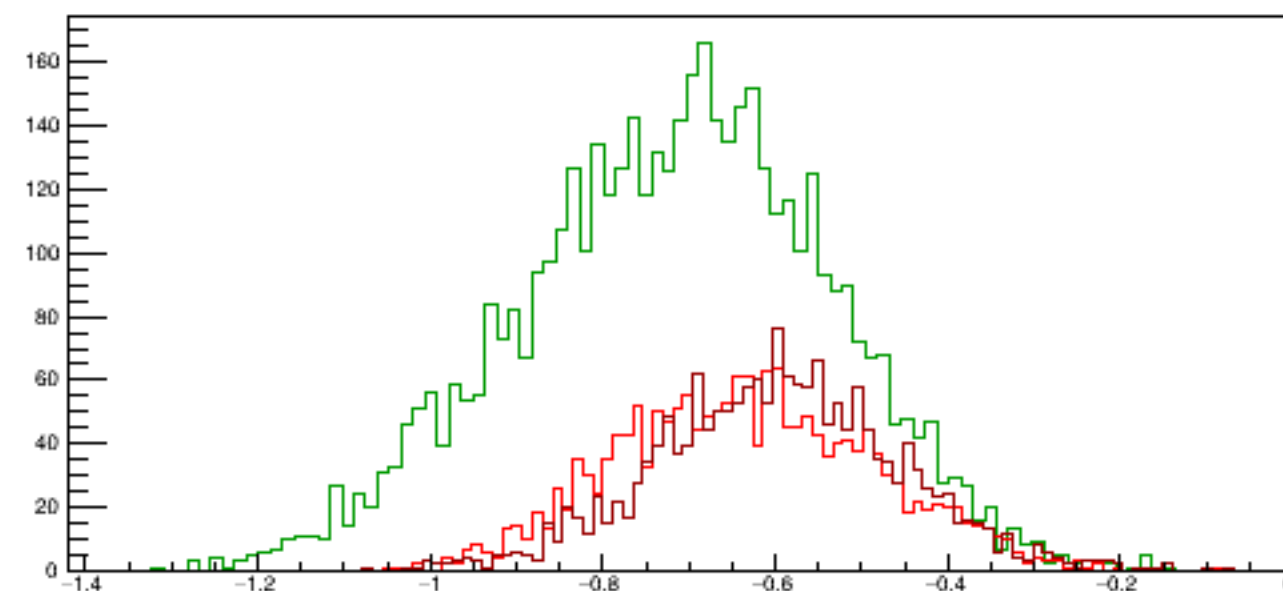
Run 4496 quartetwise, Diffs



Cycle 4, Sums

Entries: 1821	Entries: 4773	Entries: 1781
Mean: -0.6346 +/- 0.0035	Mean: -0.7189 +/- 0.0026	Mean: -0.5983 +/- 0.0034
Std Dev: 0.1485 +/- 0.0025	Std Dev: 0.1808 +/- 0.0019	Std Dev: 0.1415 +/- 0.0024

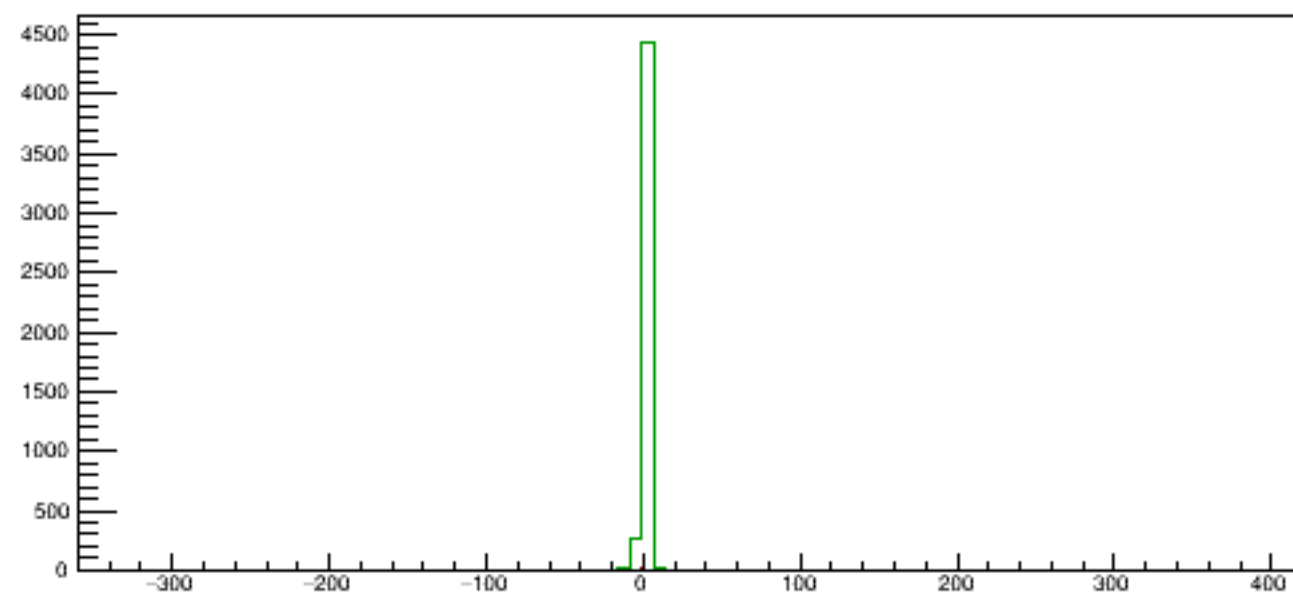
Run 4496 quartetwise, Sums



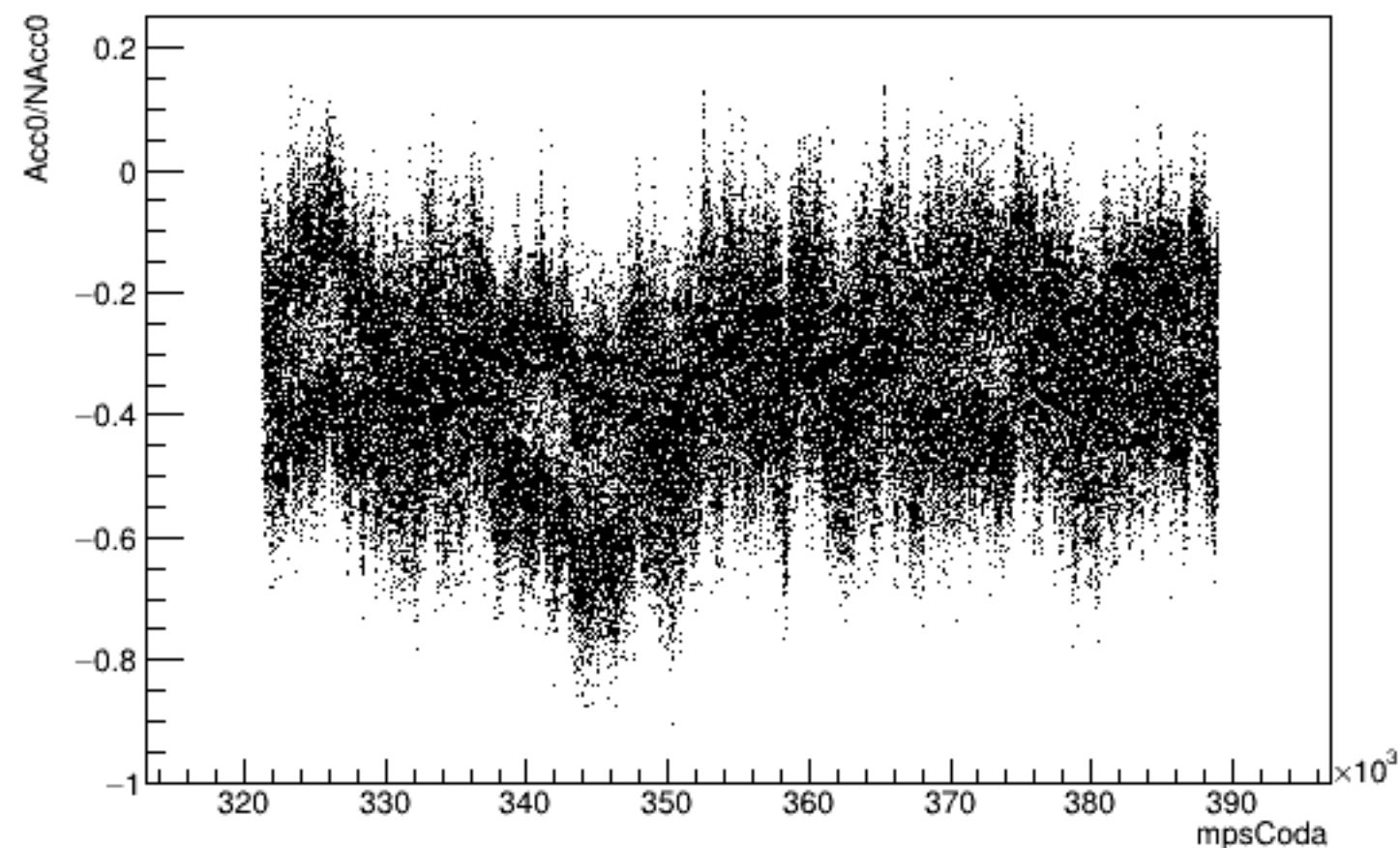
Cycle 4, Asyms

Entries: 1821	Entries: 4773	Entries: 1781
Mean: 0.0043 +/- 0.0101	Mean: 0.0212 +/- 0.1271	Mean: -0.0018 +/- 0.0099
Std Dev: 0.4331 +/- 0.0072	Std Dev: 8.7797 +/- 0.0899	Std Dev: 0.4196 +/- 0.0070

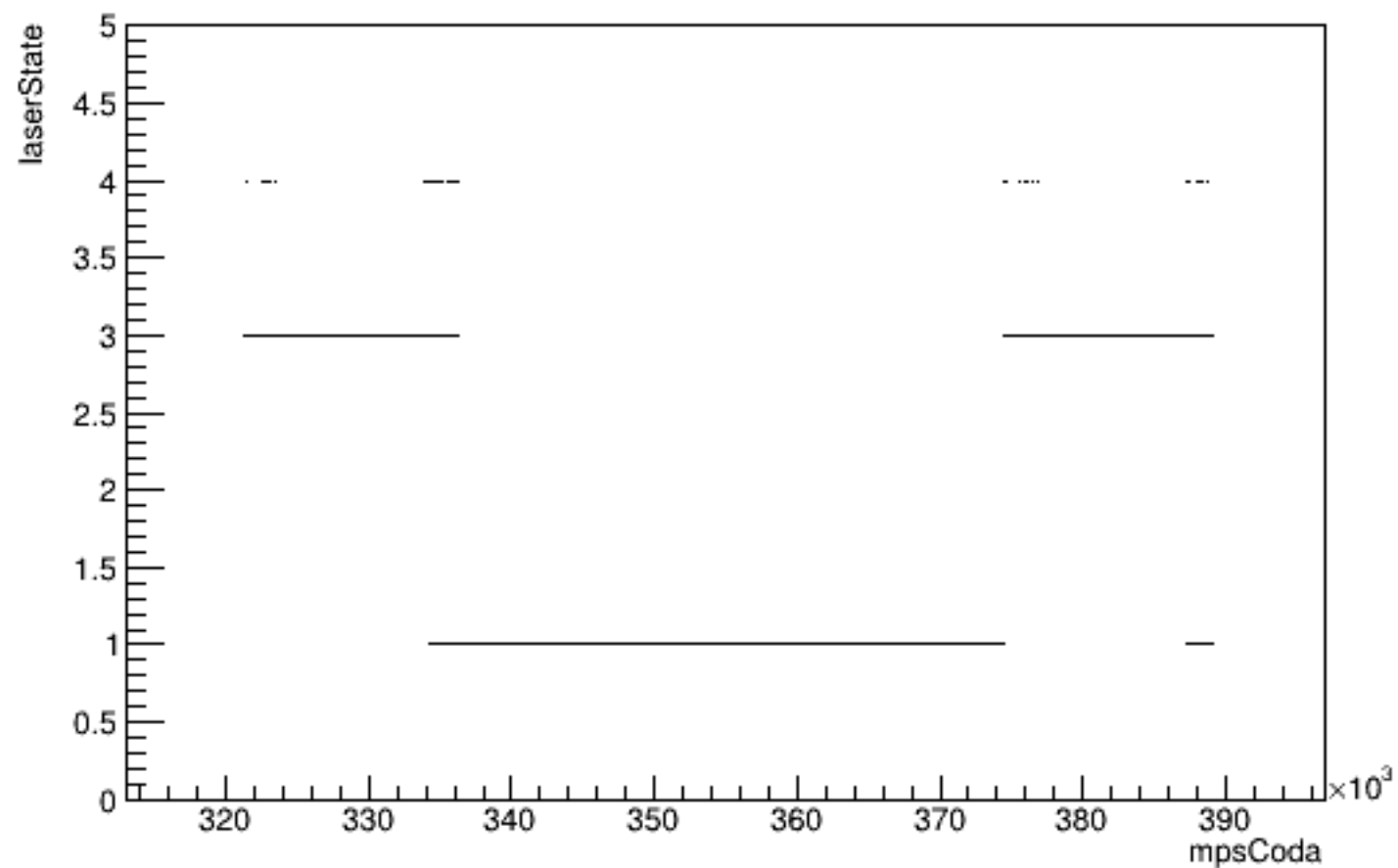
Run 4496 quartetwise, Asyms



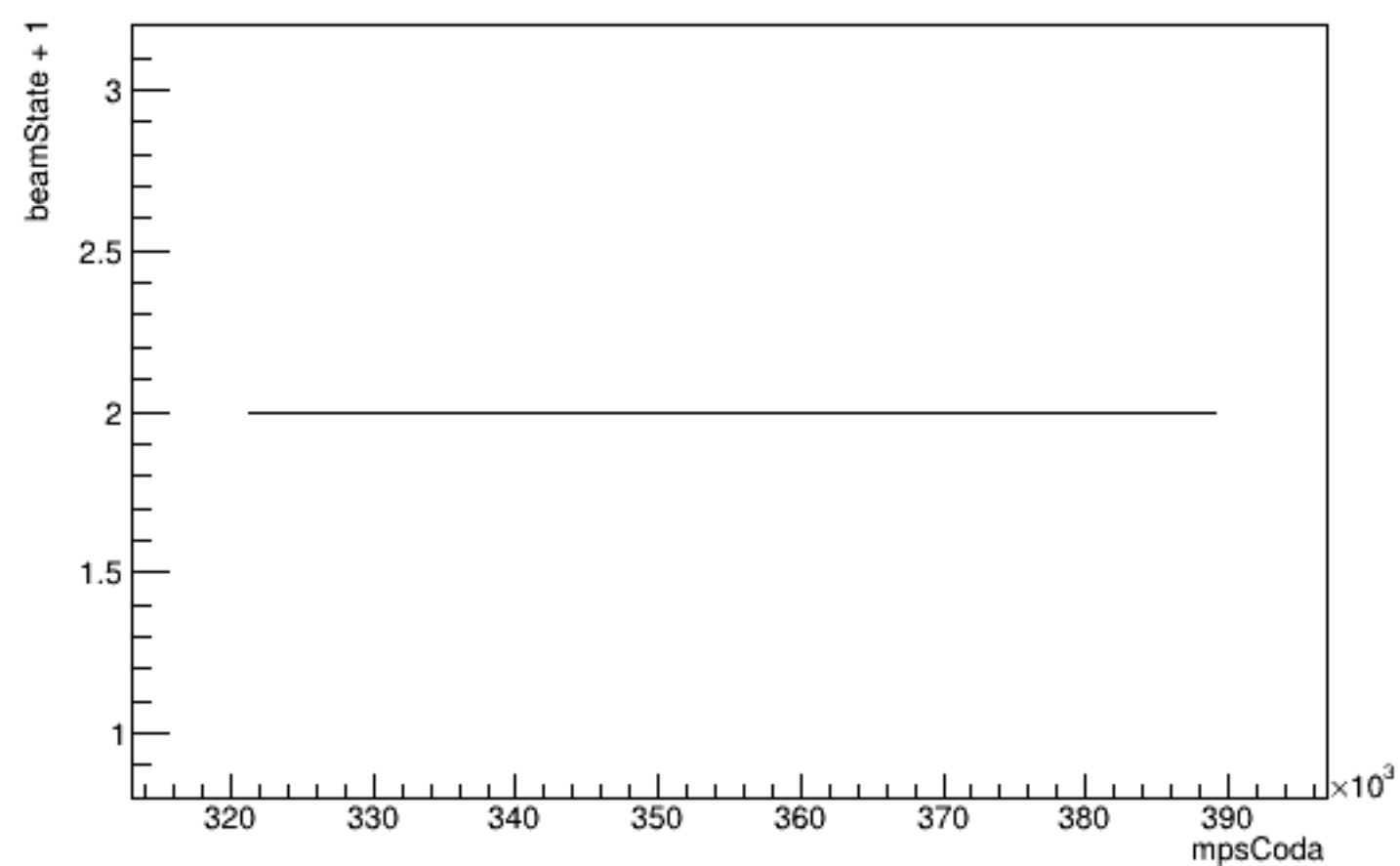
Acc0/NAcc0:mpsCoda (mpsCoda>=321272 && mpsCoda<=389023 && beamState==1)



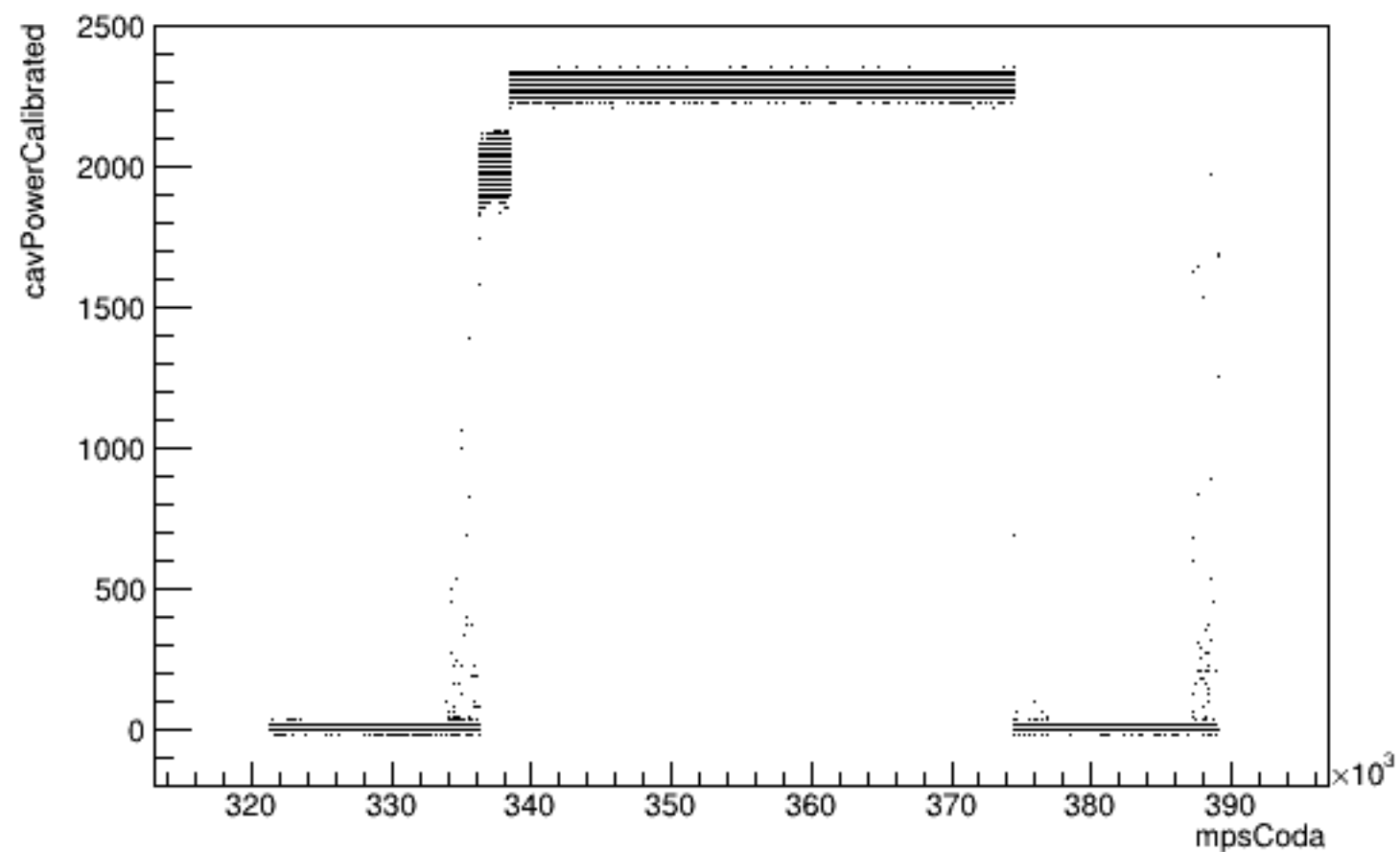
laserState:mpsCoda {mpsCoda>=321272 && mpsCoda<=389023}



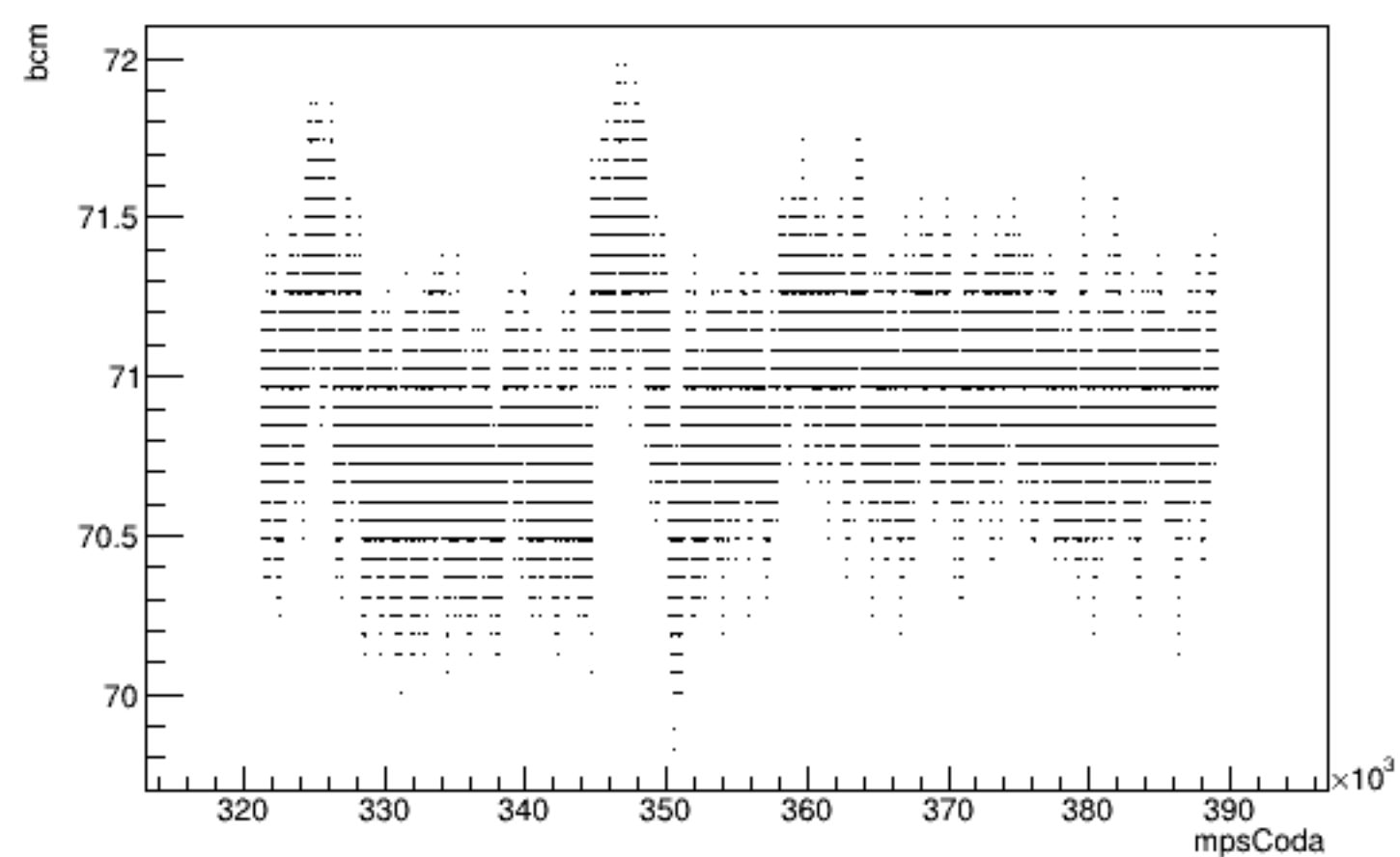
beamState + 1:mpsCoda {mpsCoda>=321272 && mpsCoda<=389023}



cavPowerCalibrated:mpsCoda {mpsCoda>=321272 && mpsCoda<=389023}



bcm:mpsCoda {mpsCoda>=321272 && mpsCoda<=389023}



Cycle 5, Diffs

Entries: 1781

Mean: 0.0002 +/- 0.0010

Std Dev: 0.0430 +/- 0.0007

Entries: 4695

Mean: 0.0010 +/- 0.0006

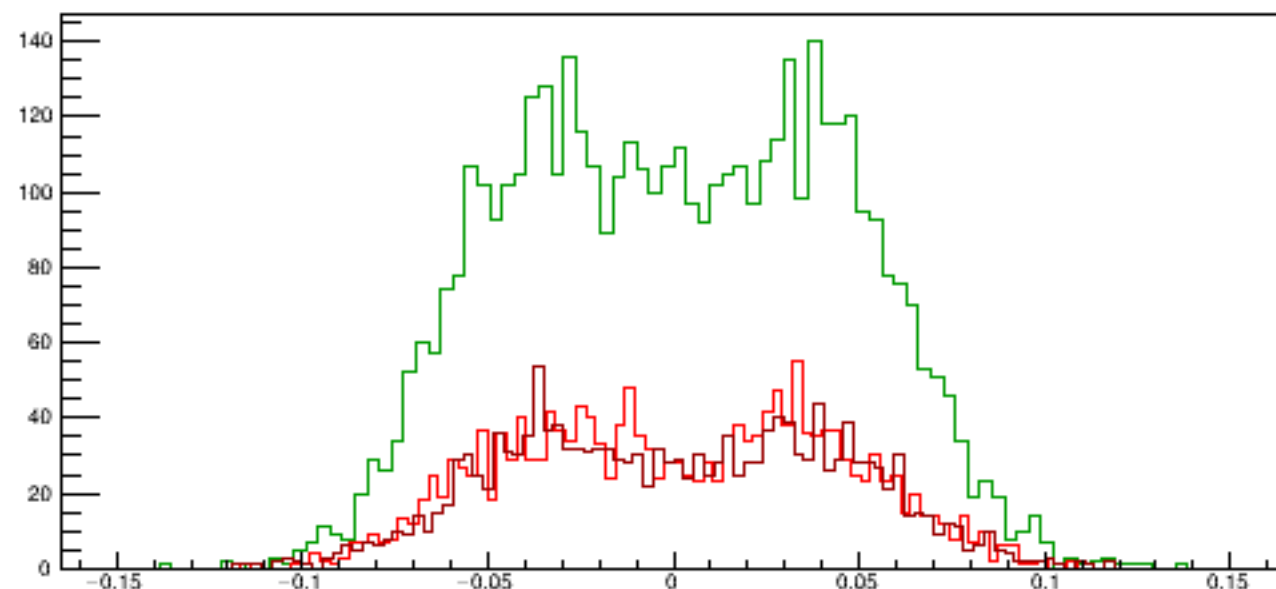
Std Dev: 0.0440 +/- 0.0005

Entries: 1638

Mean: 0.0006 +/- 0.0011

Std Dev: 0.0440 +/- 0.0008

Run 4496 quartetwise, Diffs



Cycle 5, Sums

Entries: 1781

Mean: -0.5983 +/- 0.0034

Std Dev: 0.1415 +/- 0.0024

Entries: 4695

Mean: -0.5749 +/- 0.0022

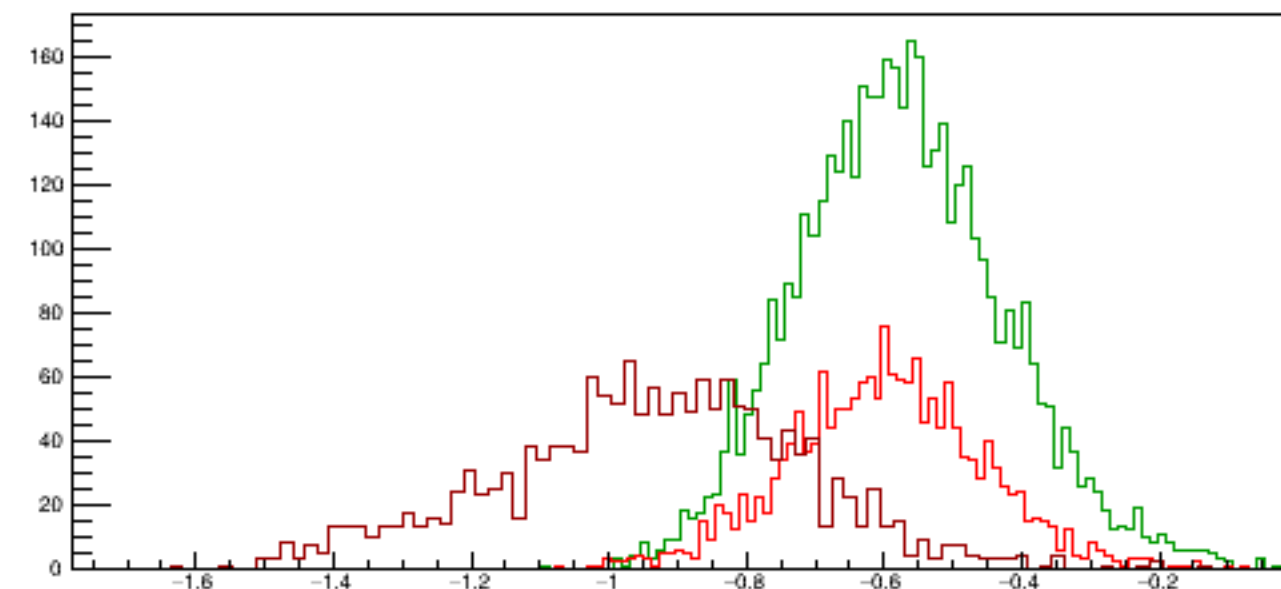
Std Dev: 0.1493 +/- 0.0015

Entries: 1638

Mean: -0.9389 +/- 0.0054

Std Dev: 0.2190 +/- 0.0038

Run 4496 quartetwise, Sums



Cycle 5, Asyms

Entries: 1781

Mean: 0.0009 +/- 0.0053

Std Dev: 0.2221 +/- 0.0037

Entries: 4695

Mean: -0.0473 +/- 0.0590

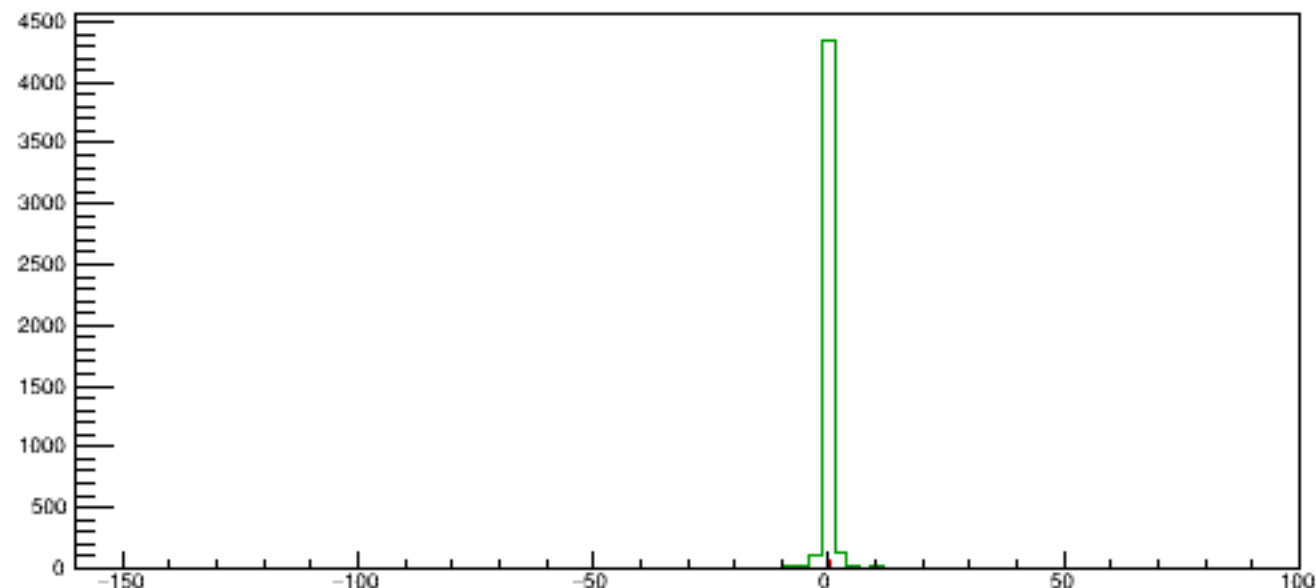
Std Dev: 4.0412 +/- 0.0417

Entries: 1638

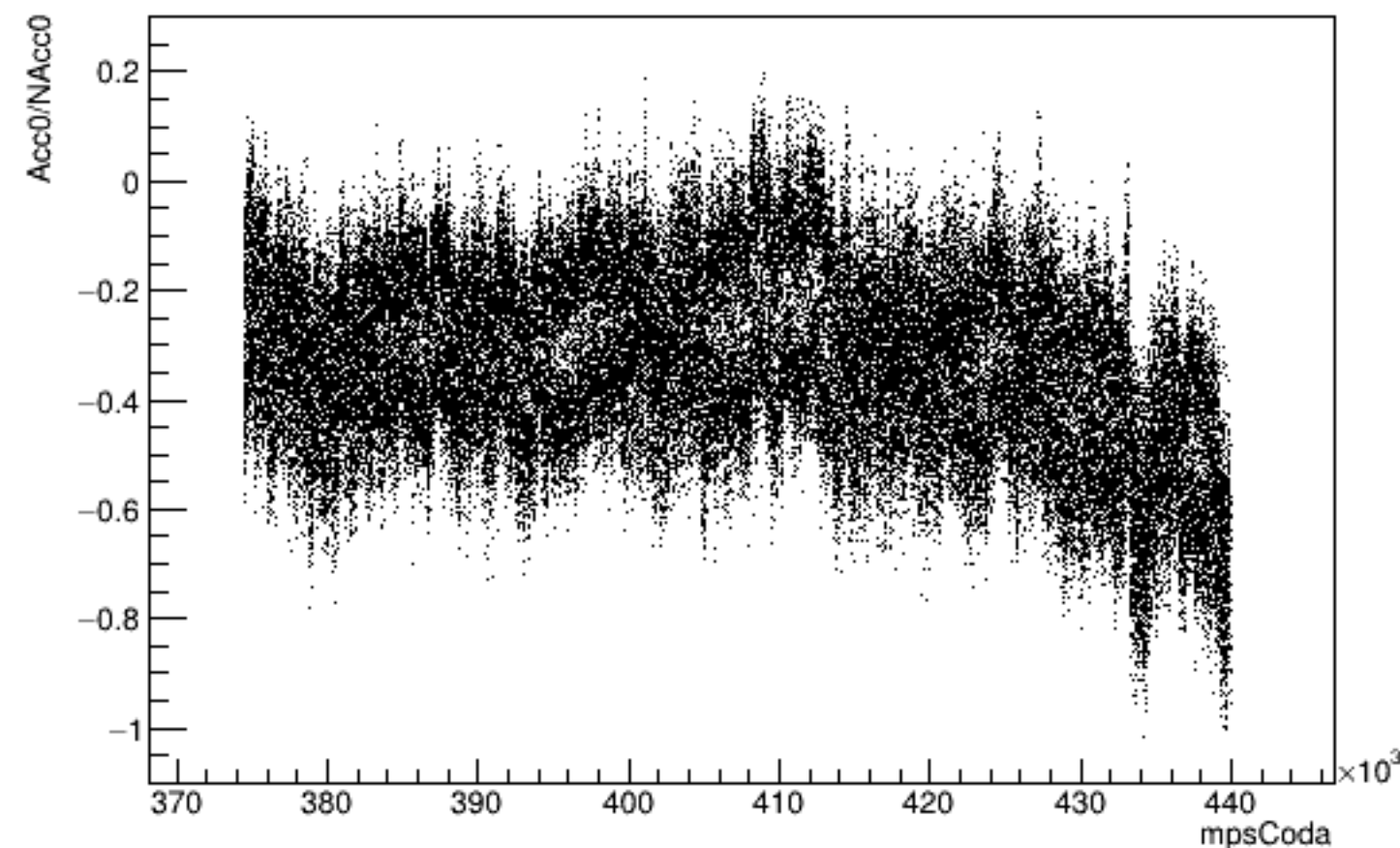
Mean: 0.0028 +/- 0.0056

Std Dev: 0.2273 +/- 0.0040

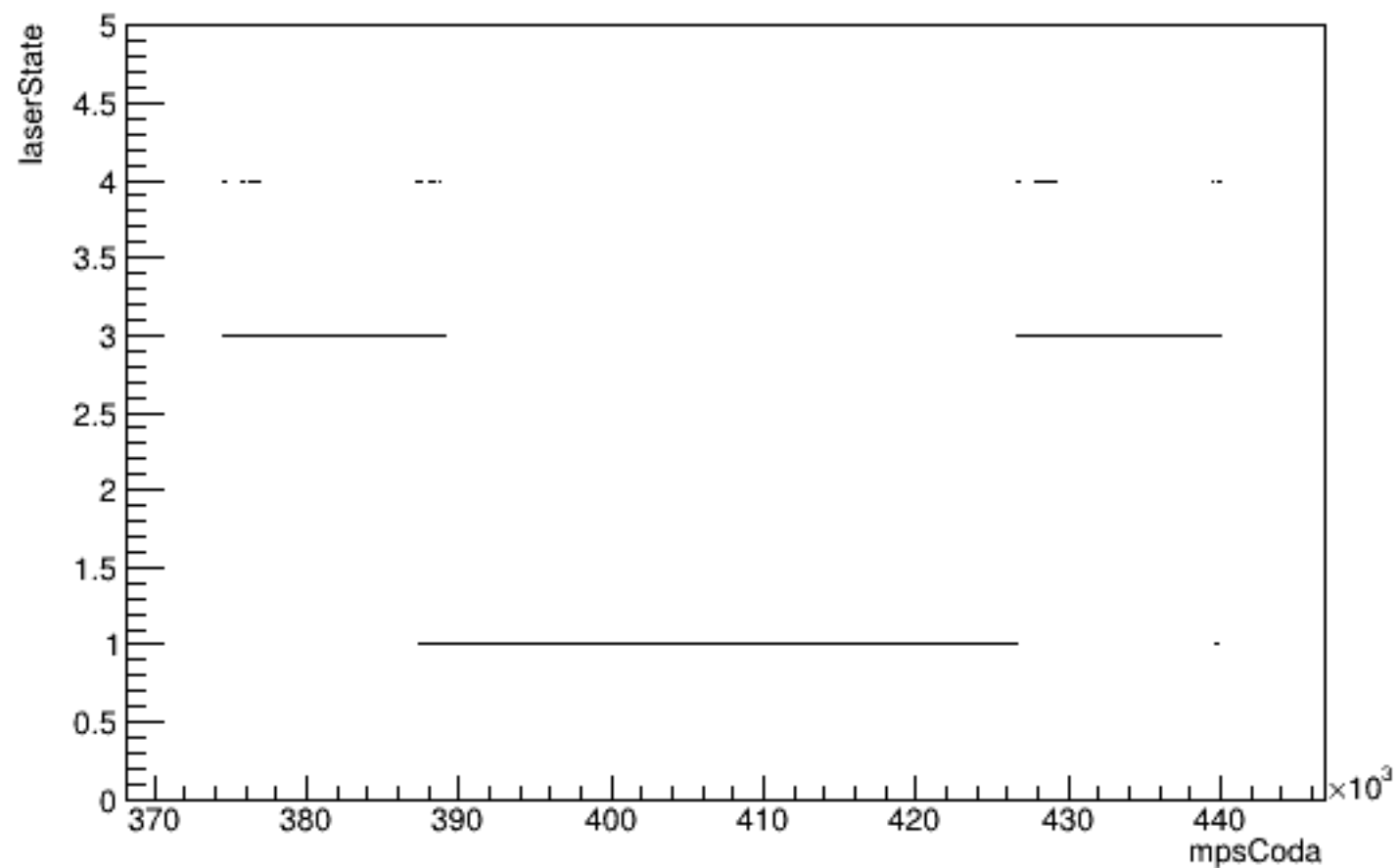
Run 4496 quartetwise, Asyms



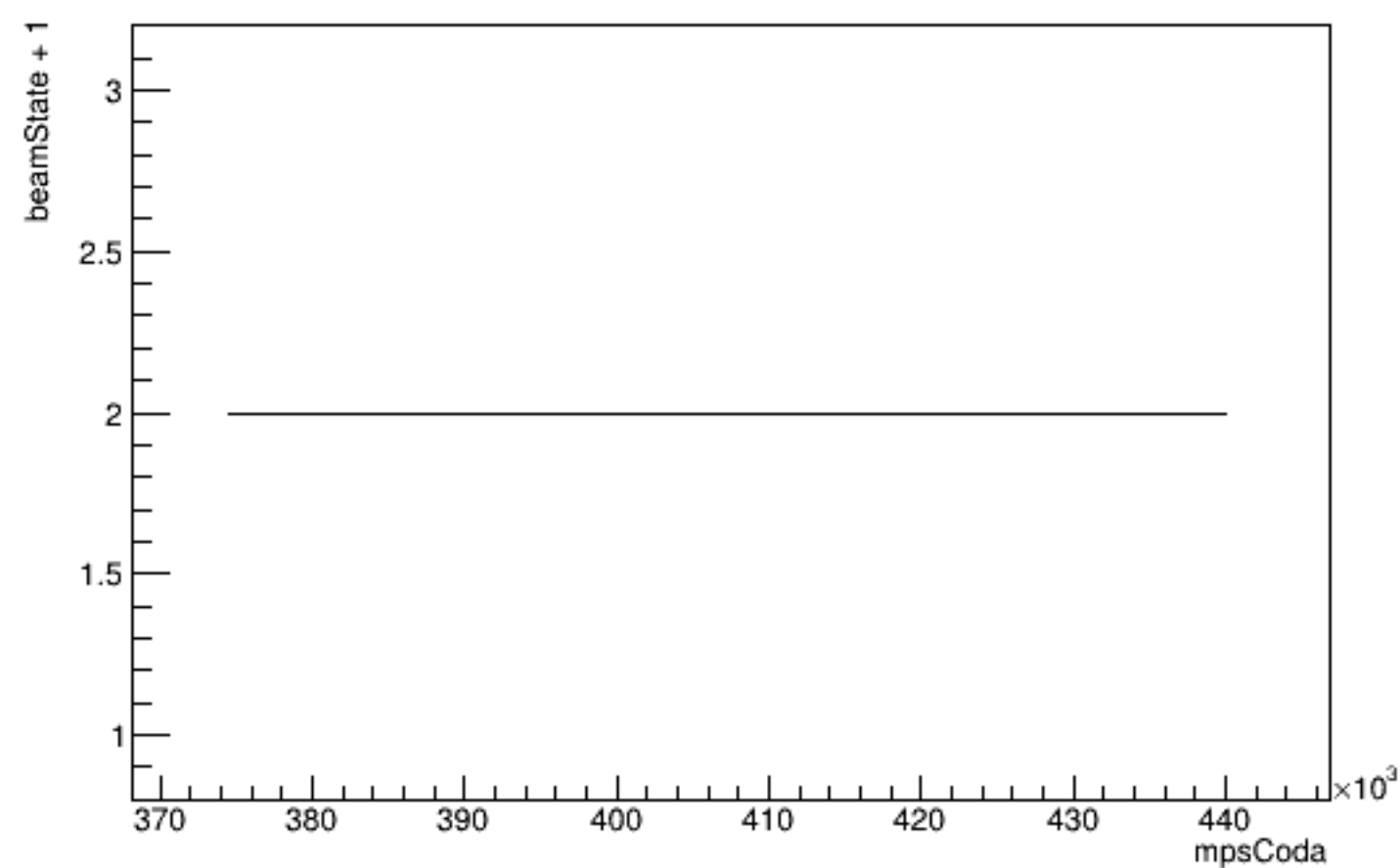
Acc0/NAcc0:mpsCoda (mpsCoda>=374416 && mpsCoda<=439927 && beamState==1)



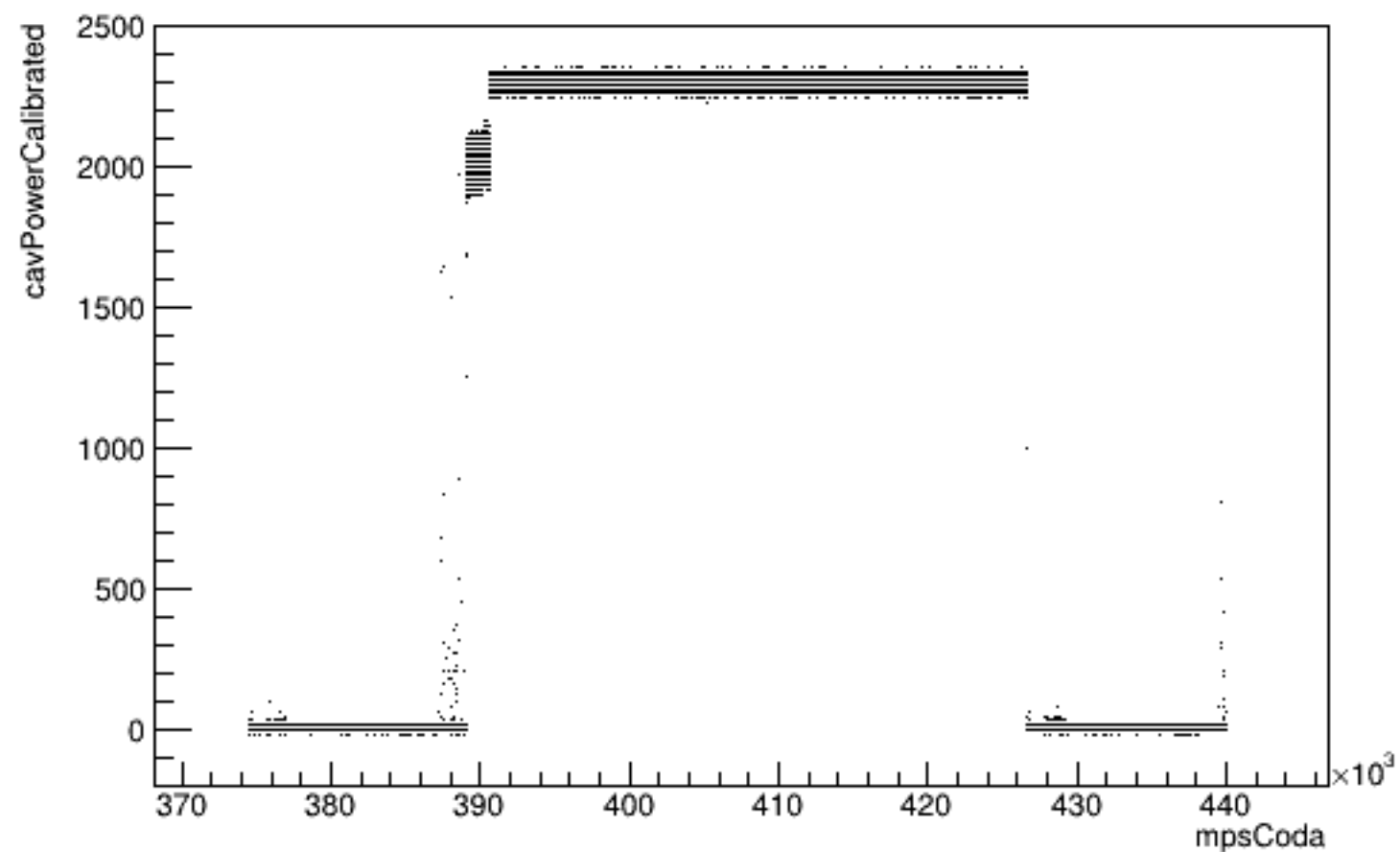
laserState:mpsCoda {mpsCoda>=374416 && mpsCoda<=439927}



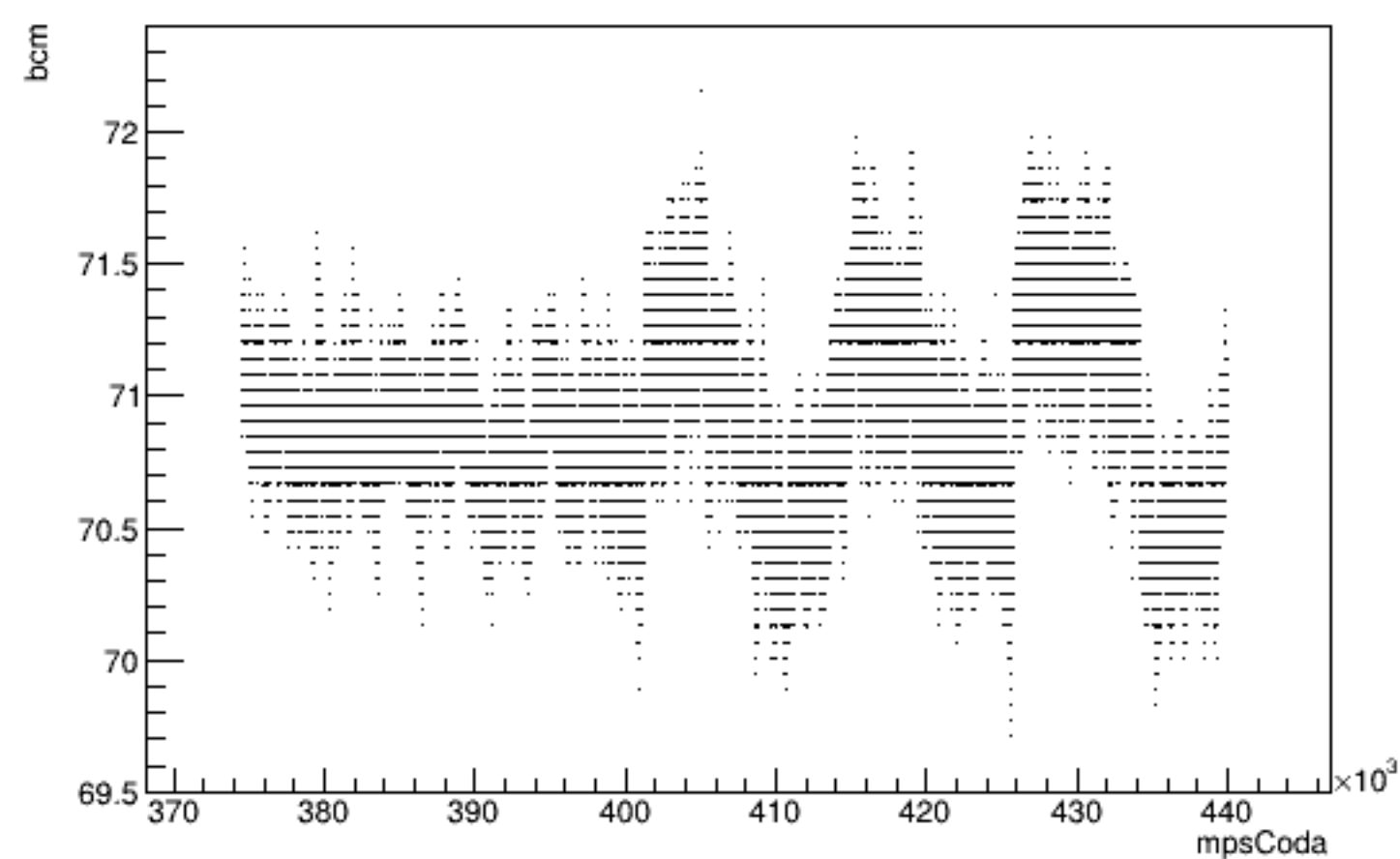
beamState + 1:mpsCoda {mpsCoda>=374416 && mpsCoda<=439927}



cavPowerCalibrated:mpsCoda {mpsCoda>=374416 && mpsCoda<=439927}



bcm:mpsCoda {mpsCoda>=374416 && mpsCoda<=439927}



Cycle 6, Diffs

Entries: 1506

Mean: 0.0004 +/- 0.0011

Std Dev: 0.0436 +/- 0.0008

Entries: 4758

Mean: -0.0001 +/- 0.0006

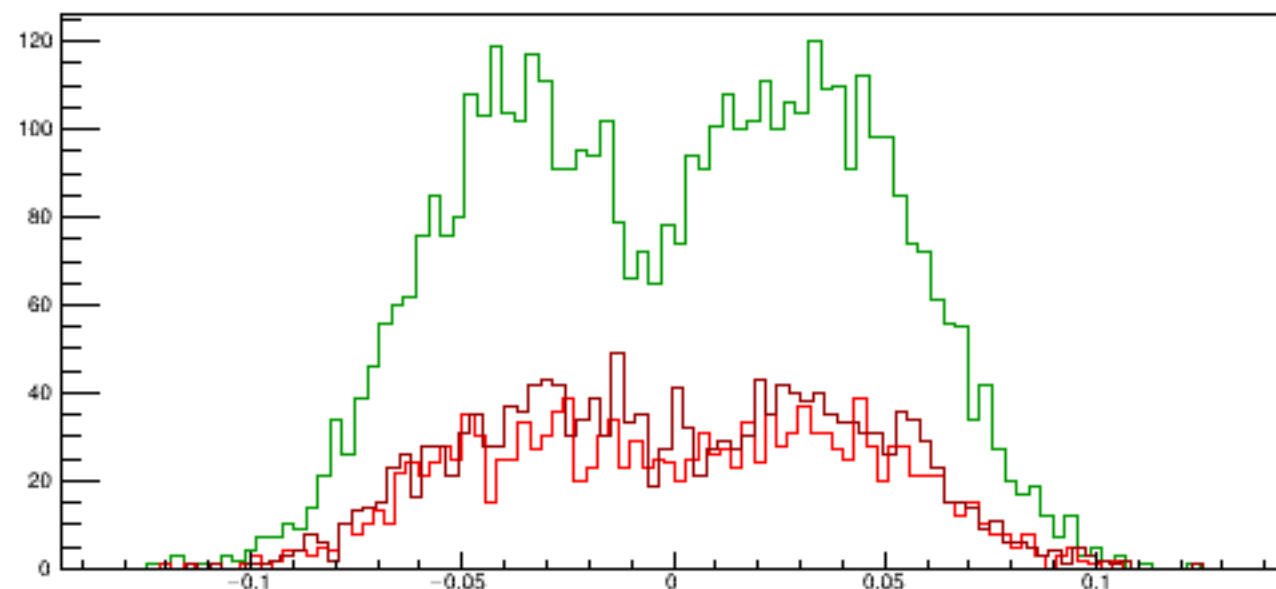
Std Dev: 0.0440 +/- 0.0005

Entries: 1700

Mean: 0.0004 +/- 0.0010

Std Dev: 0.0432 +/- 0.0007

Run 4496 quartetwise, Diffs



Cycle 6, Sums

Entries: 1506

Mean: -0.3916 +/- 0.0037

Std Dev: 0.1431 +/- 0.0026

Entries: 4758

Mean: -0.3817 +/- 0.0023

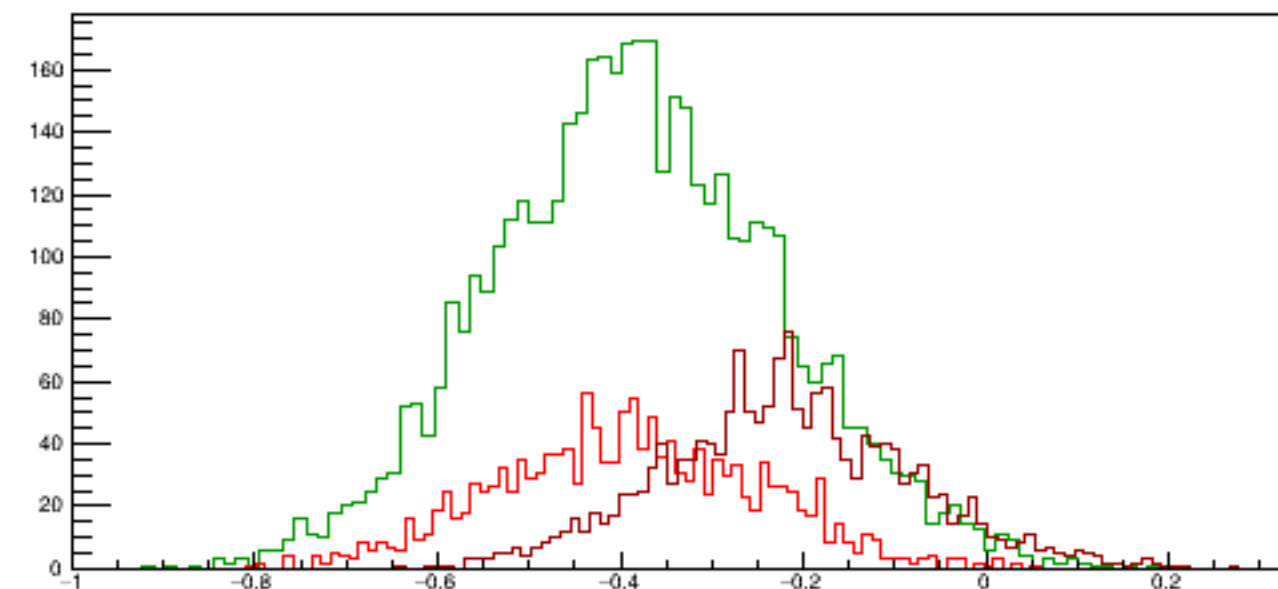
Std Dev: 0.1579 +/- 0.0016

Entries: 1700

Mean: -0.2179 +/- 0.0033

Std Dev: 0.1378 +/- 0.0024

Run 4496 quartetwise, Sums



Cycle 6, Asyms

Entries: 1506

Mean: -0.0052 +/- 0.0146

Std Dev: 0.5665 +/- 0.0103

Entries: 4758

Mean: 0.3794 +/- 0.3034

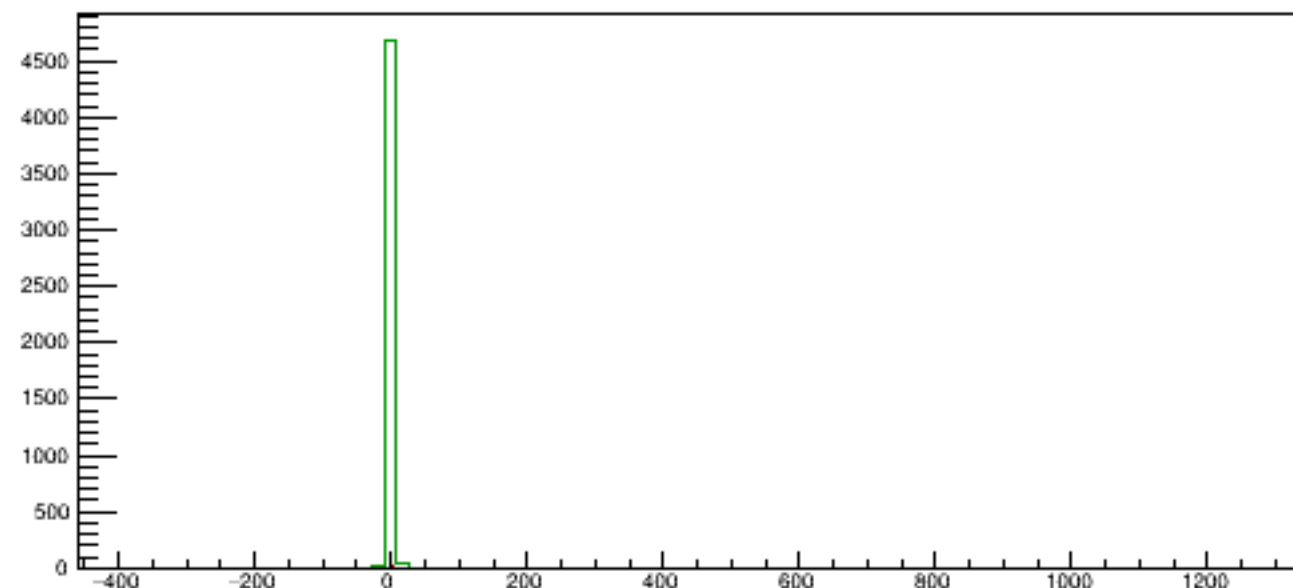
Std Dev: 20.9306 +/- 0.2146

Entries: 1700

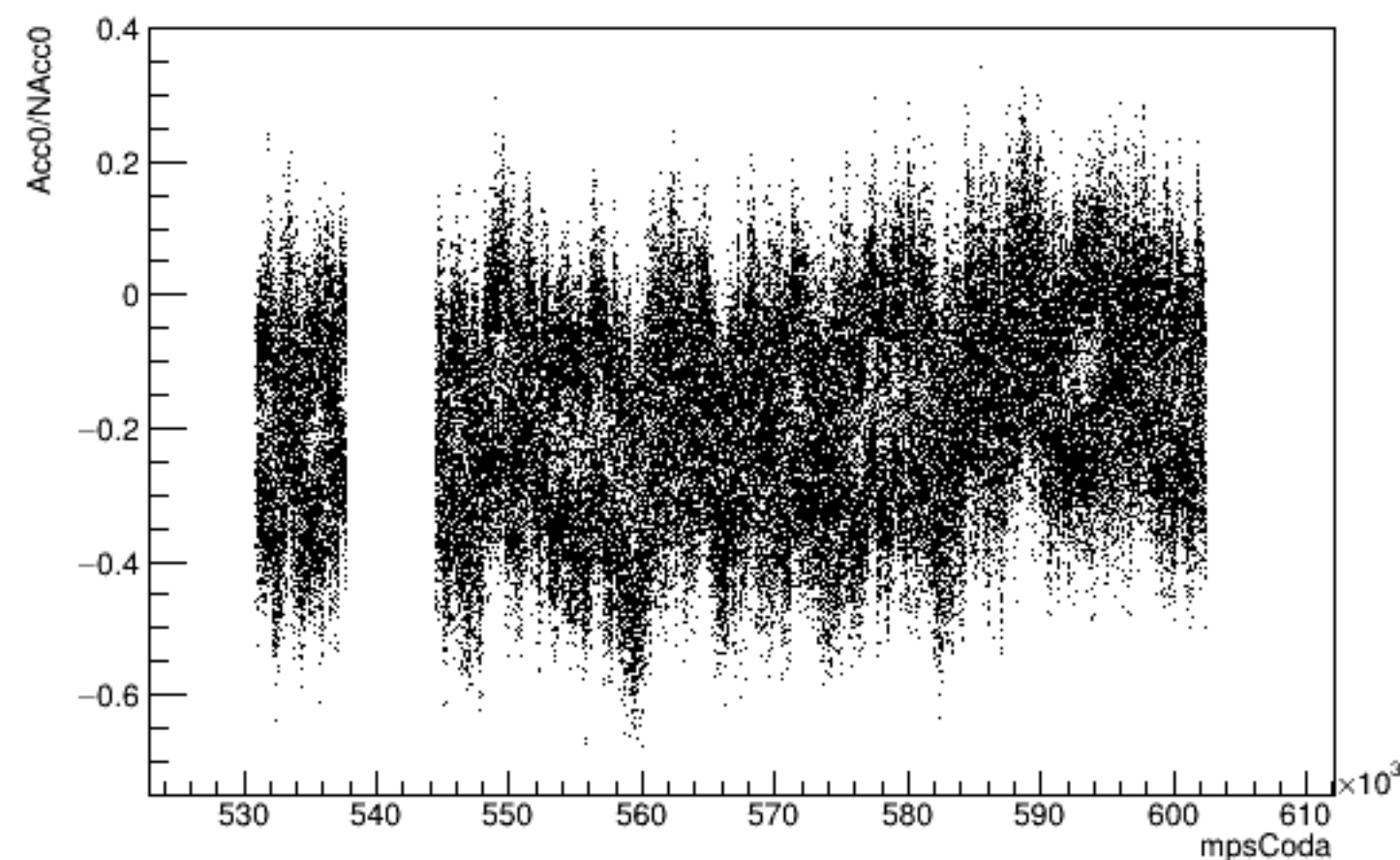
Mean: -0.0057 +/- 0.0136

Std Dev: 0.5614 +/- 0.0096

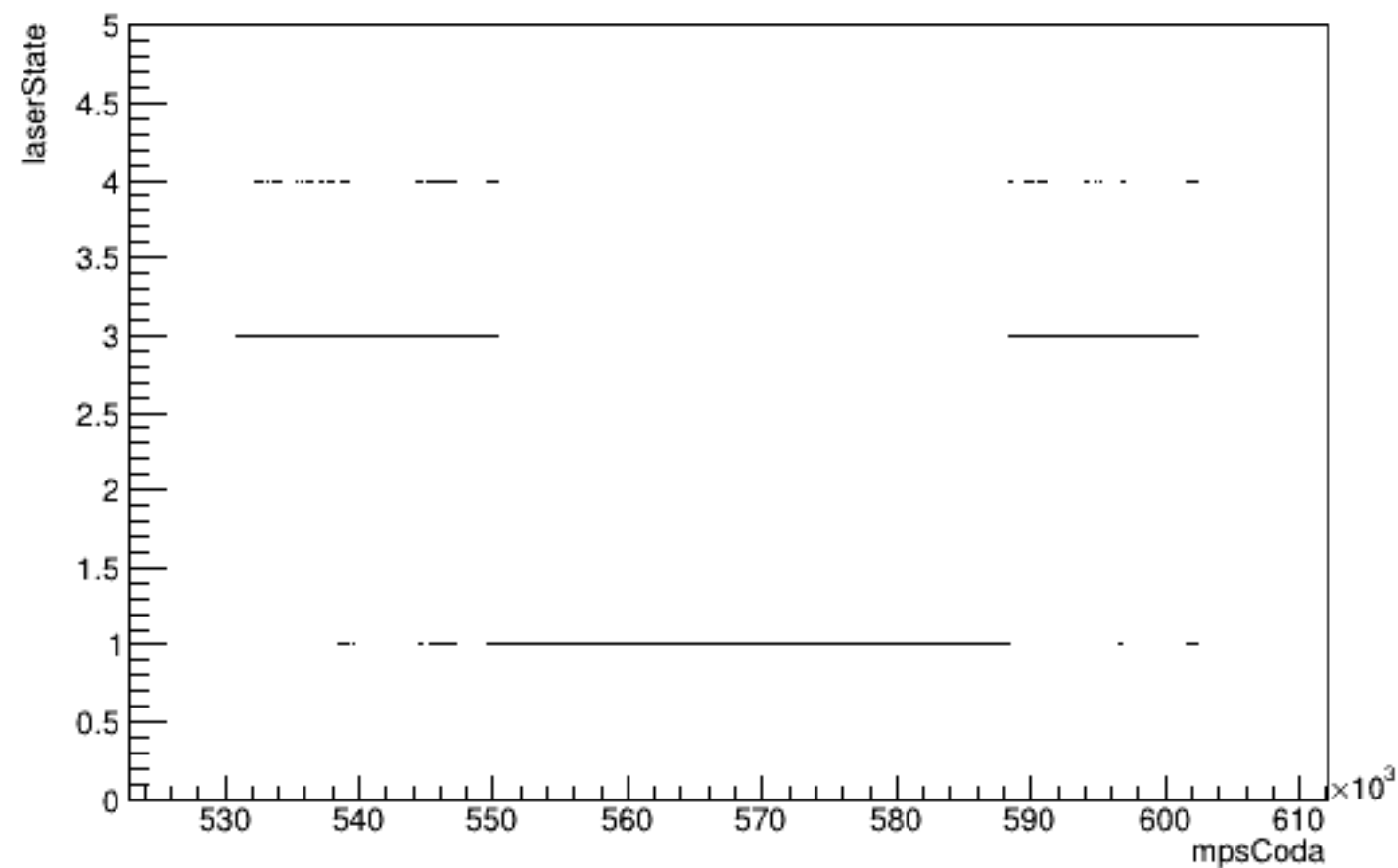
Run 4496 quartetwise, Asyms



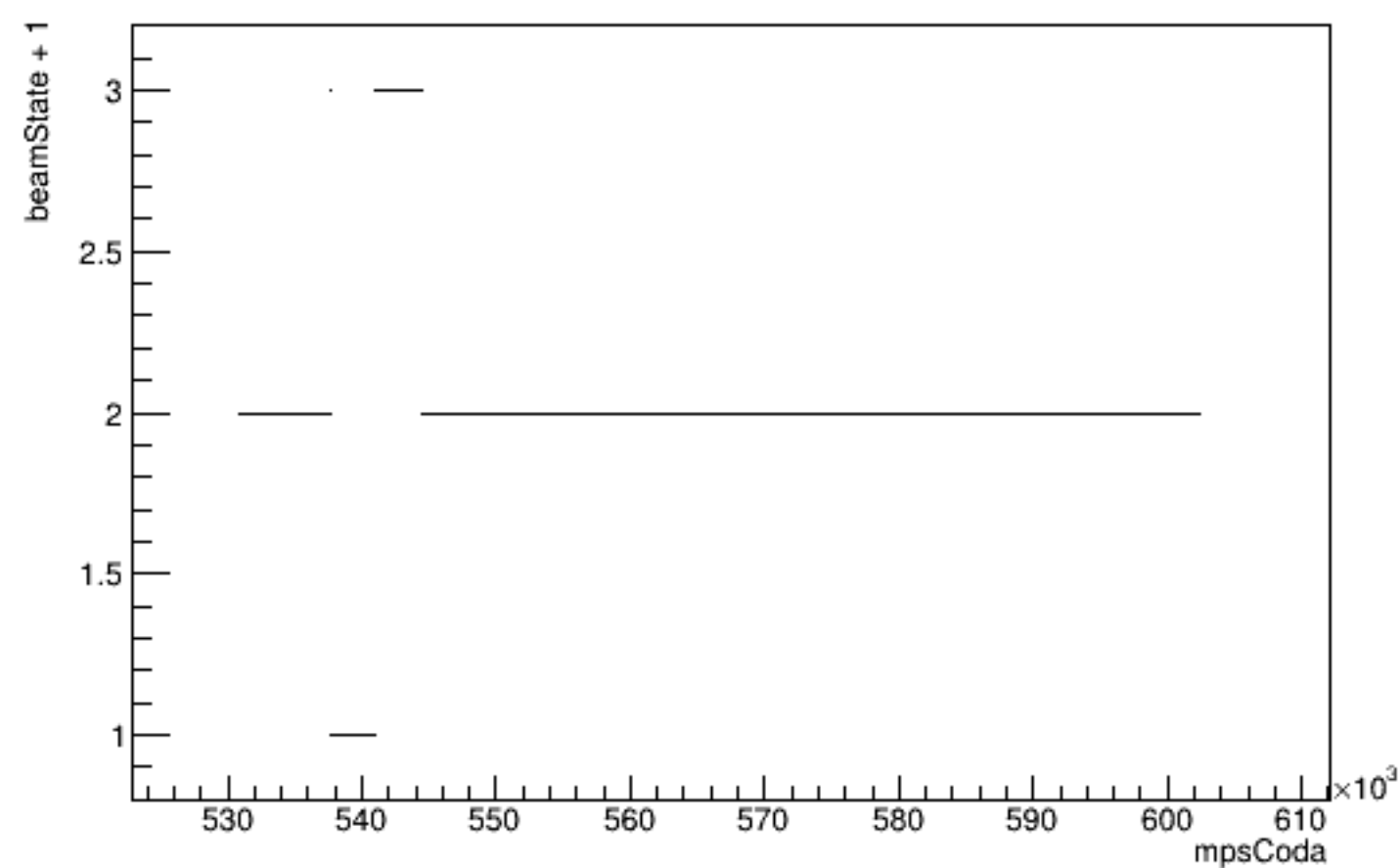
Acc0/NAcc0:mpsCoda (mpsCoda>=530944 && mpsCoda<=602367 && beamState==1)



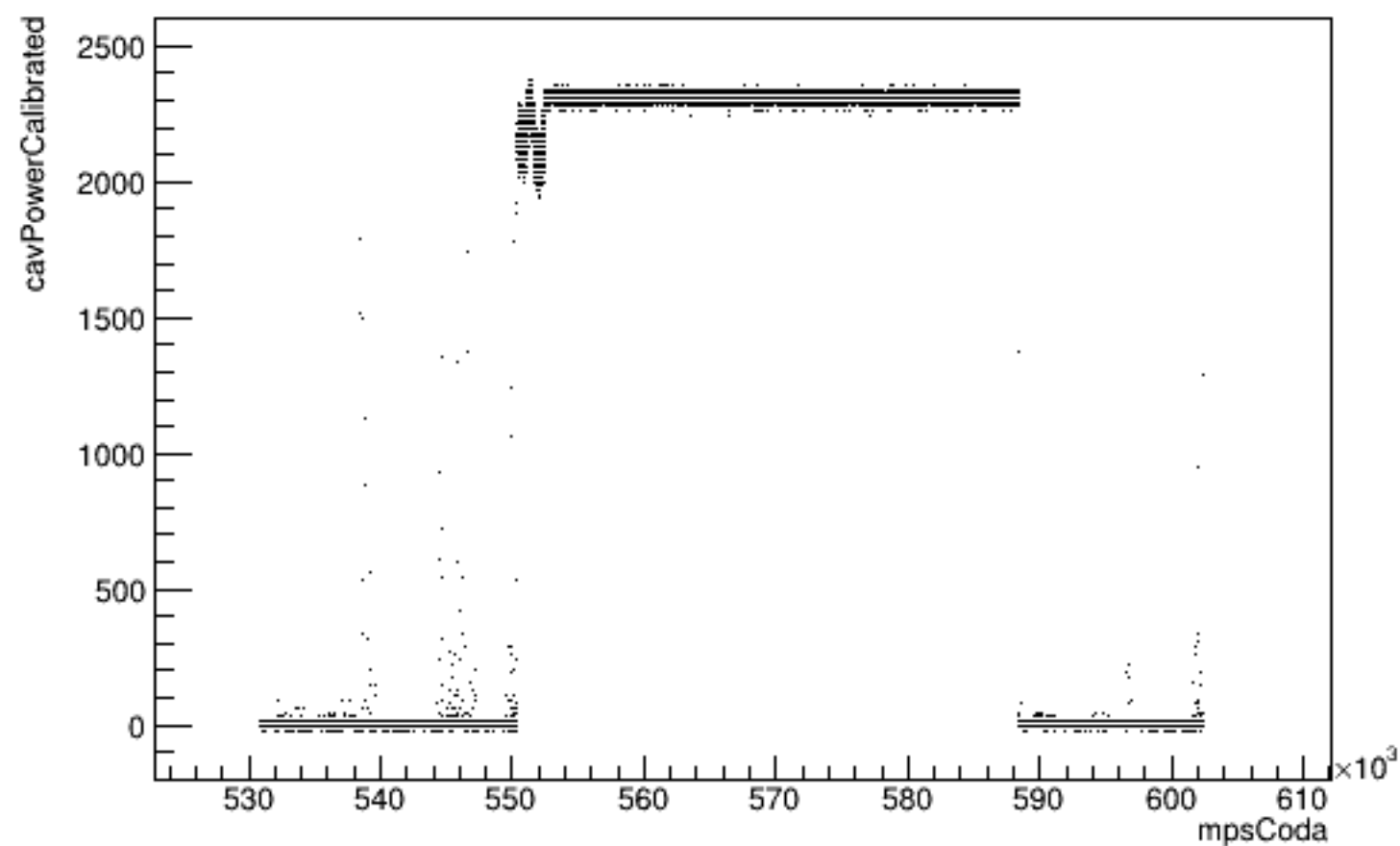
laserState:mpsCoda {mpsCoda>=530944 && mpsCoda<=602367}



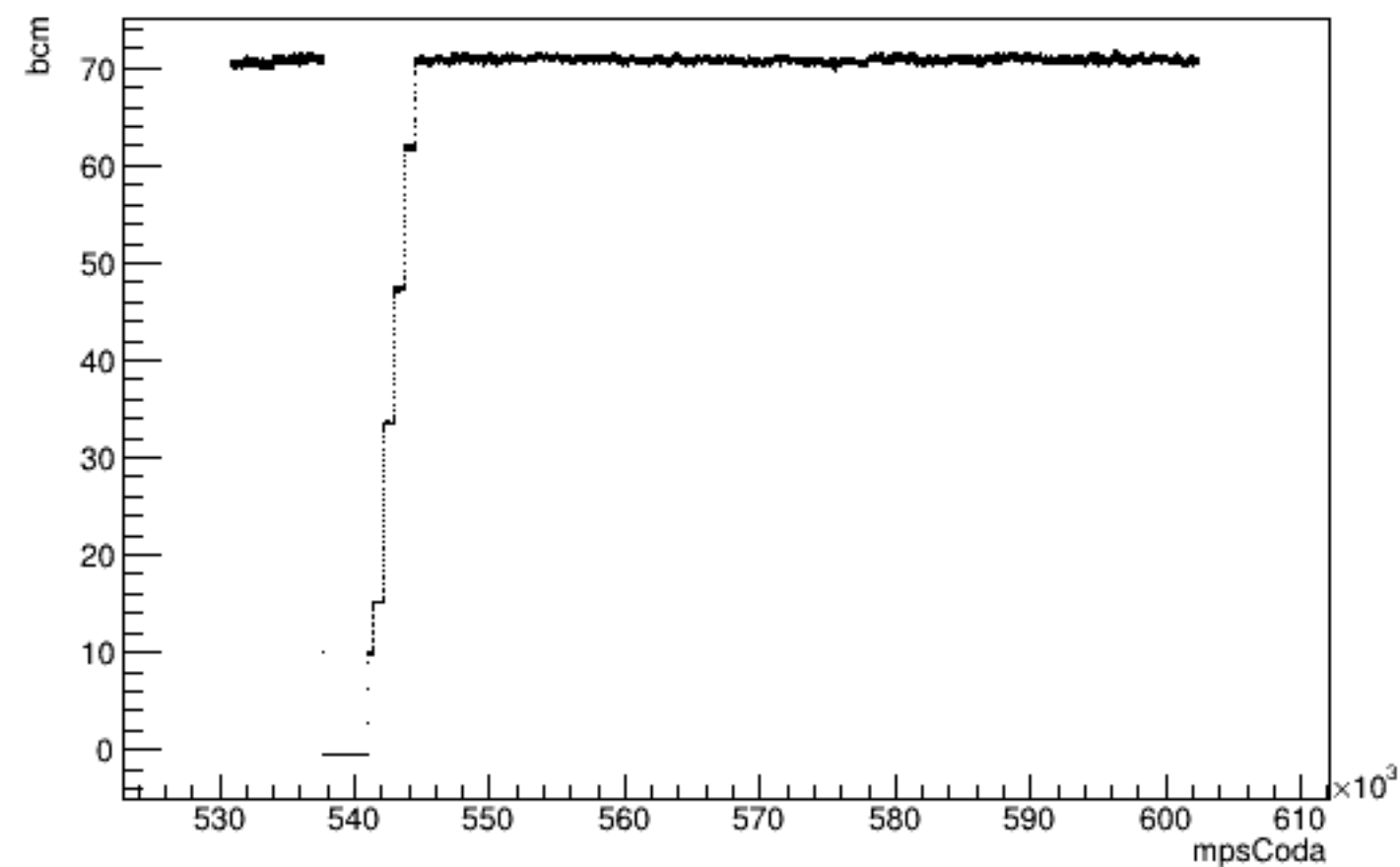
beamState + 1:mpsCoda {mpsCoda>=530944 && mpsCoda<=602367}



cavPowerCalibrated:mpsCoda {mpsCoda>=530944 && mpsCoda<=602367}



bcm:mpsCoda {mpsCoda>=530944 && mpsCoda<=602367}



Cycle 7, Diffs

Entries: 1700

Mean: 0.0004 +/- 0.0010

Std Dev: 0.0432 +/- 0.0007

Entries: 4782

Mean: -0.0000 +/- 0.0006

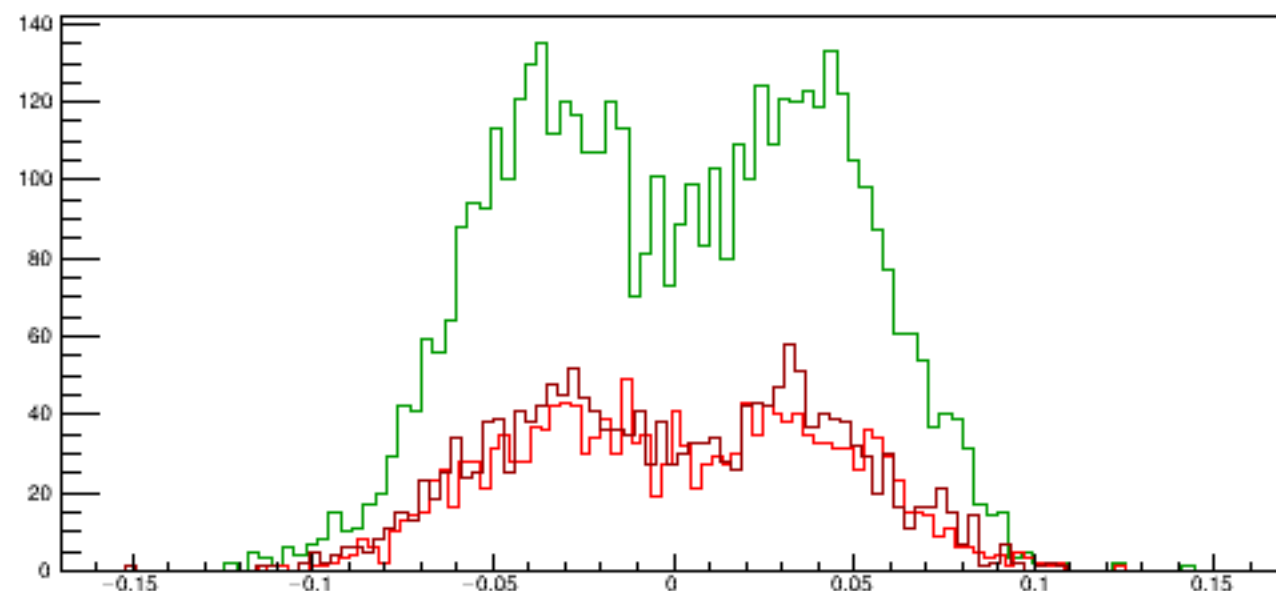
Std Dev: 0.0445 +/- 0.0005

Entries: 1786

Mean: -0.0011 +/- 0.0010

Std Dev: 0.0438 +/- 0.0007

Run 4496 quartetwise, Diffs



Cycle 7, Sums

Entries: 1700

Mean: -0.2179 +/- 0.0033

Std Dev: 0.1378 +/- 0.0024

Entries: 4782

Mean: -0.3863 +/- 0.0021

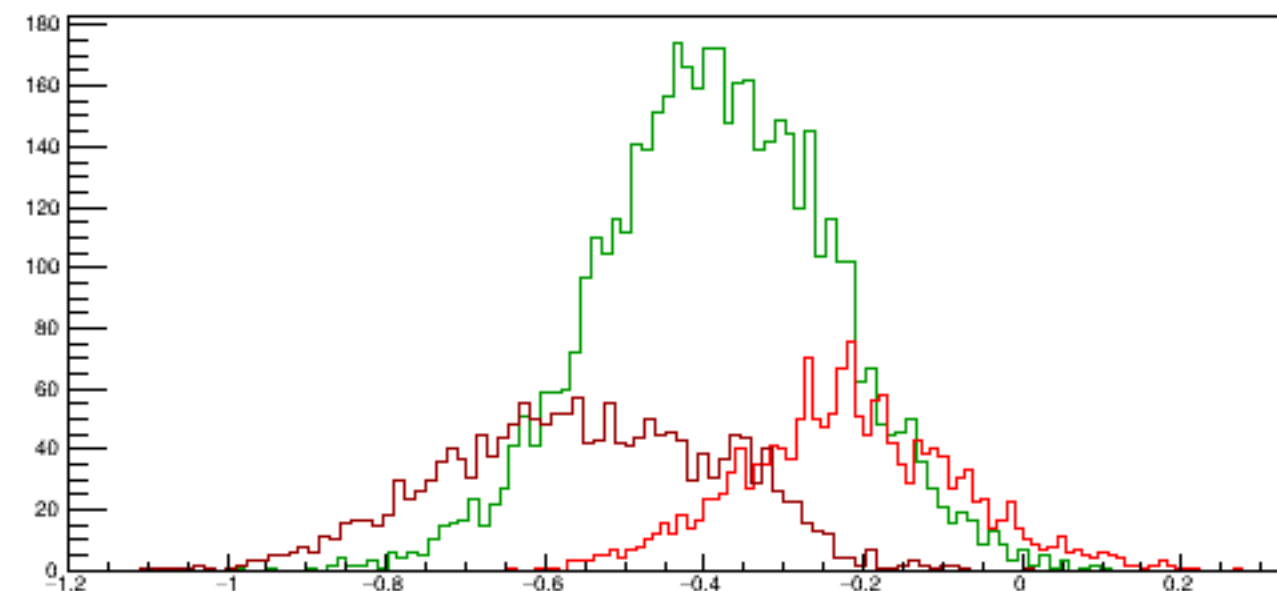
Std Dev: 0.1467 +/- 0.0015

Entries: 1786

Mean: -0.5512 +/- 0.0041

Std Dev: 0.1731 +/- 0.0029

Run 4496 quartetwise, Sums



Cycle 7, Asyms

Entries: 1700

Mean: -0.2521 +/- 0.6061

Std Dev: 24.9892 +/- 0.4286

Entries: 4782

Mean: 0.2998 +/- 0.5785

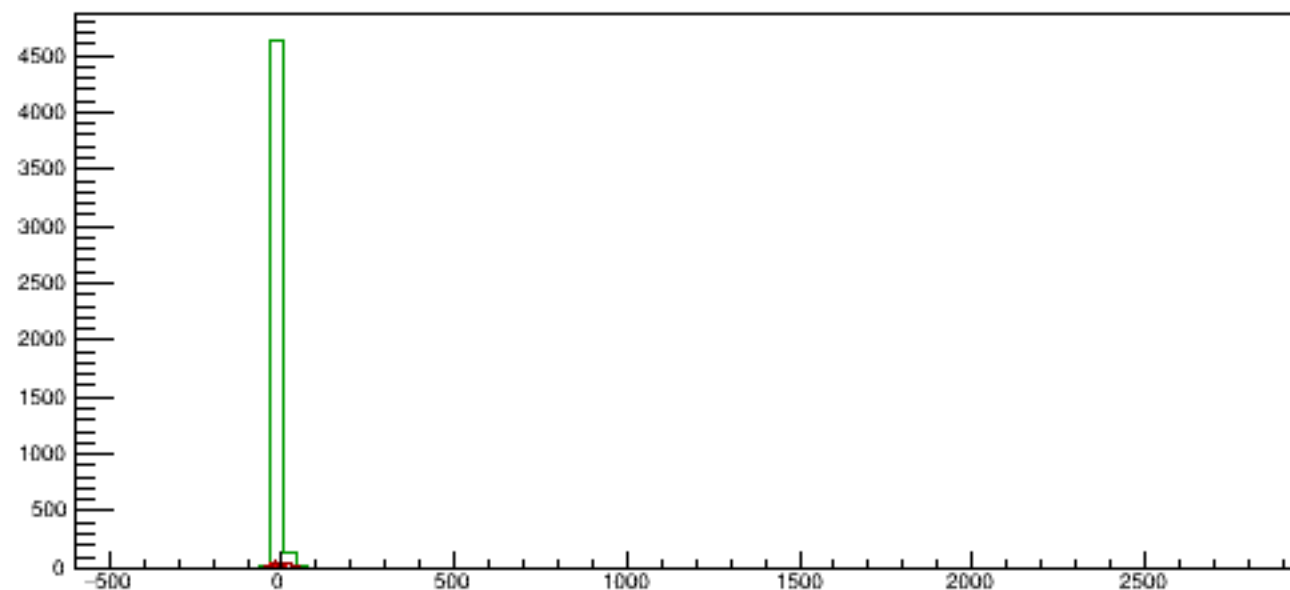
Std Dev: 40.0071 +/- 0.4091

Entries: 1786

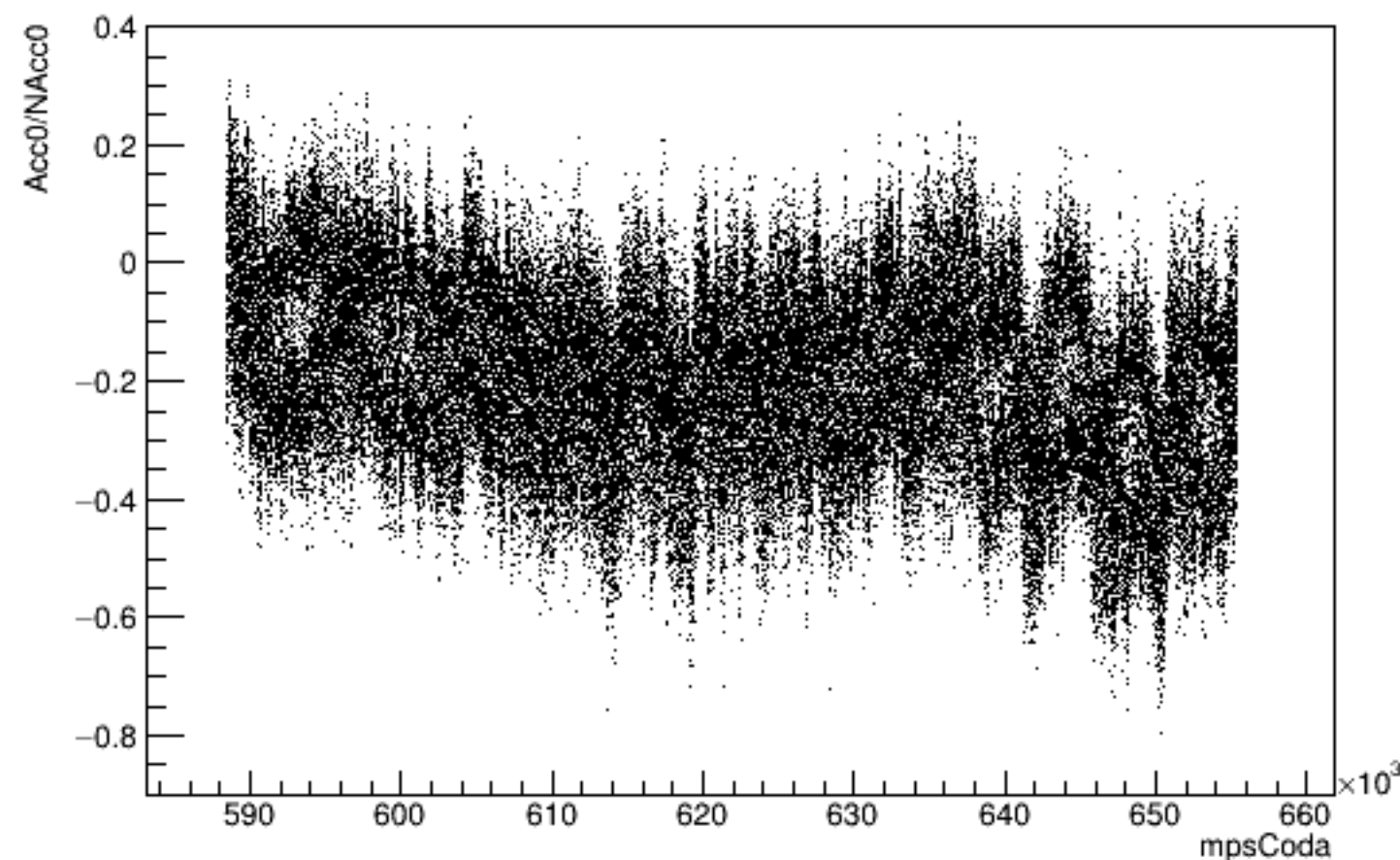
Mean: 0.6283 +/- 0.5994

Std Dev: 25.3318 +/- 0.4238

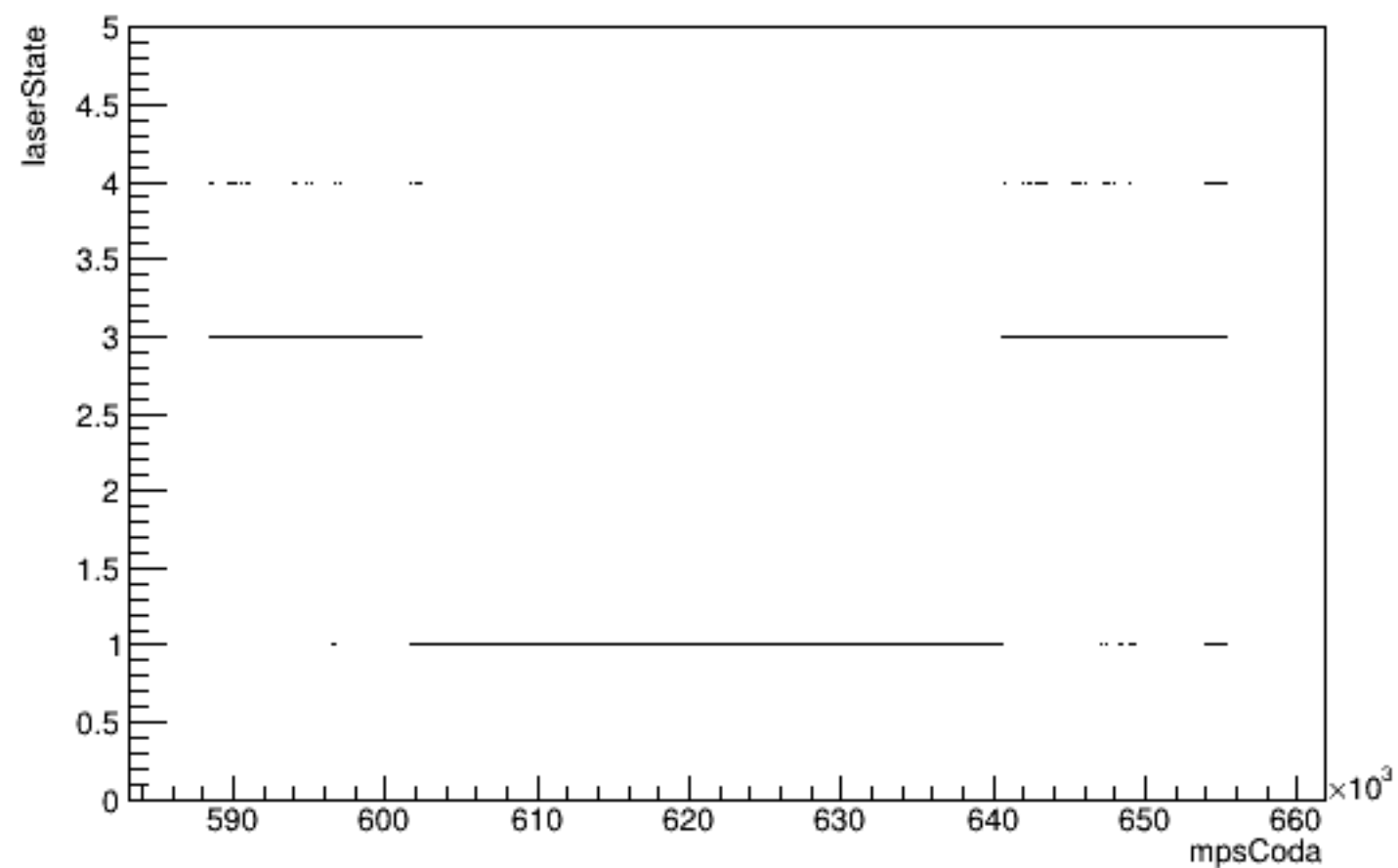
Run 4496 quartetwise, Asyms



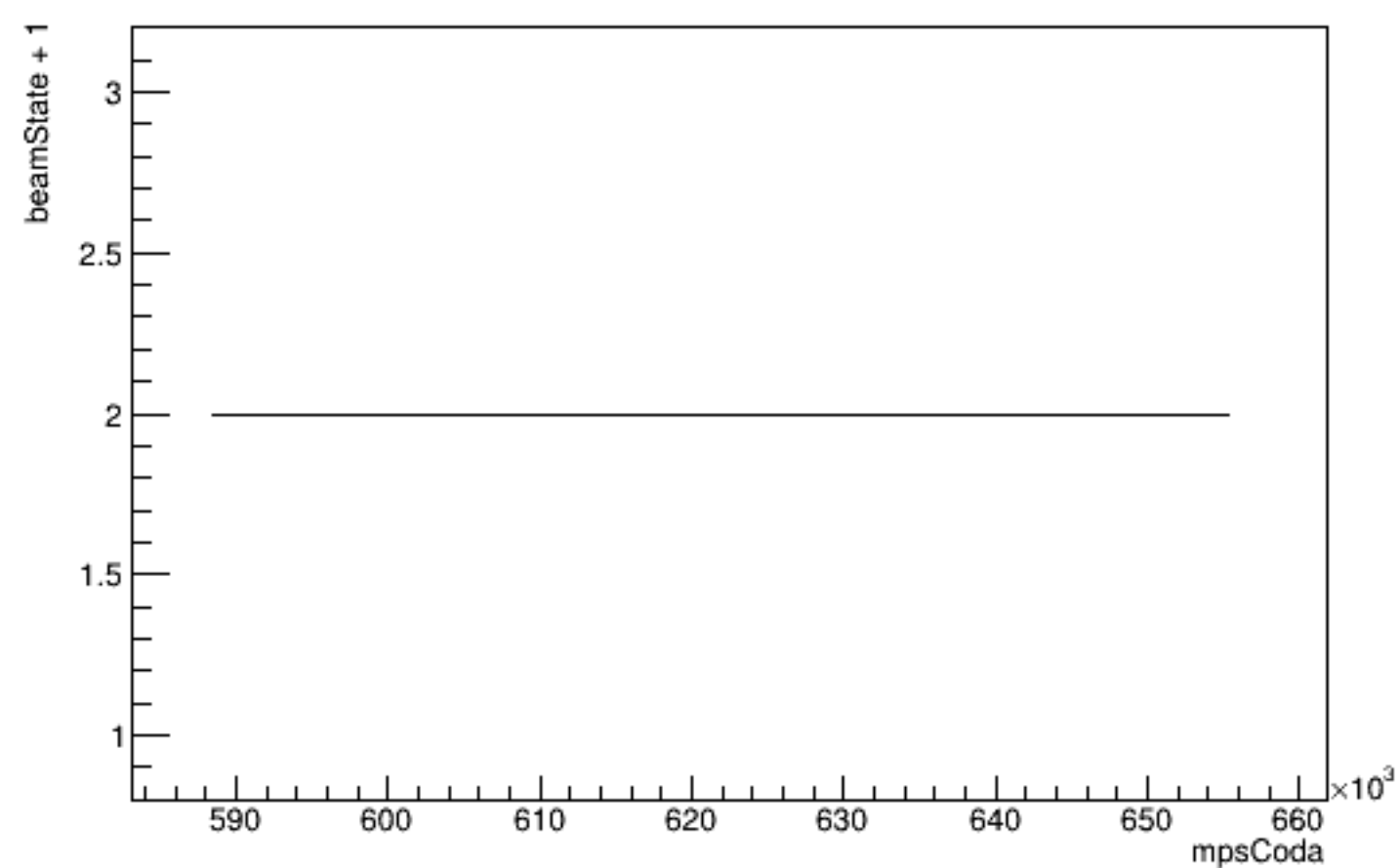
Acc0/NAcc0:mpsCoda (mpsCoda>=588456 && mpsCoda<=655415 && beamState==1)



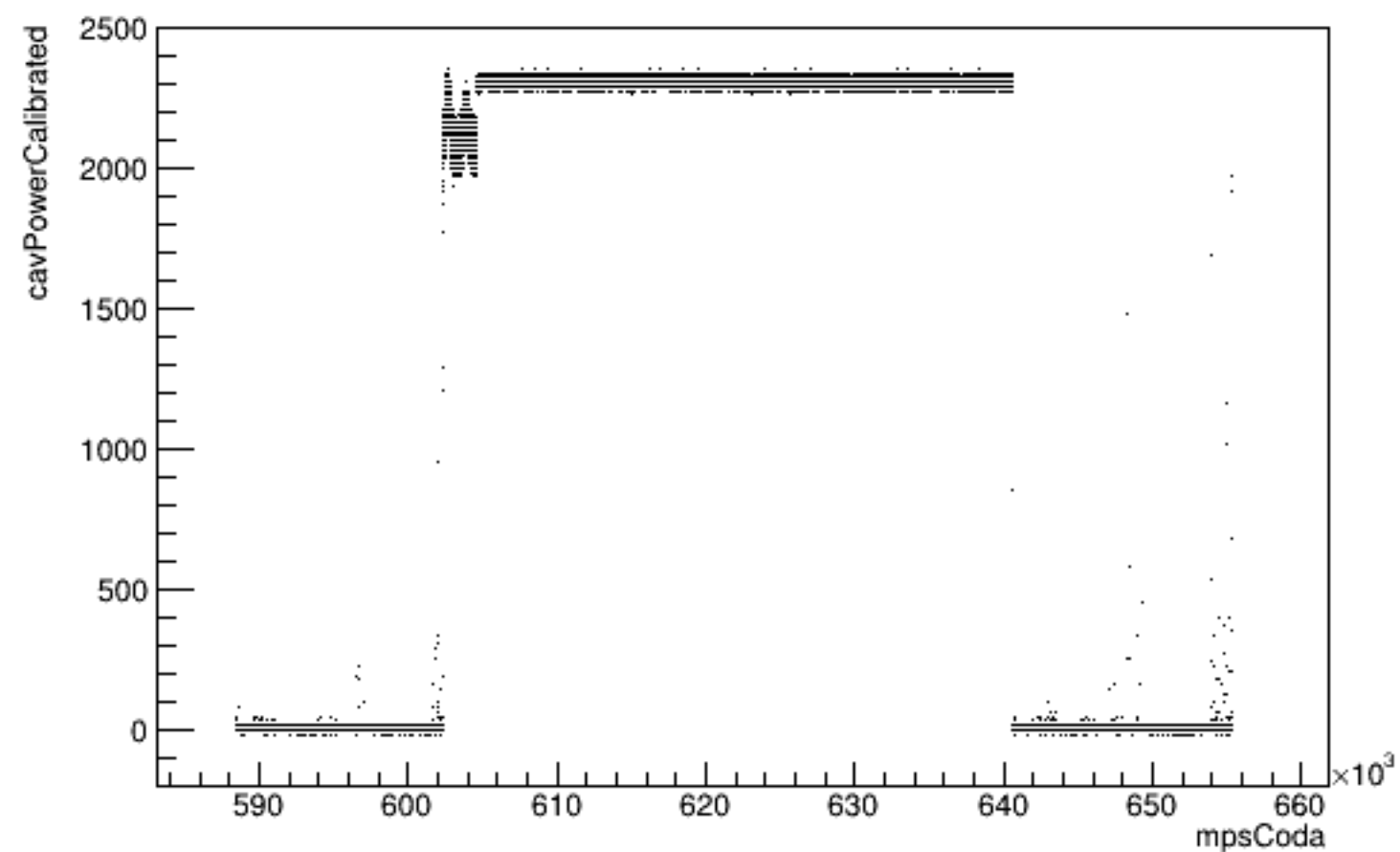
laserState:mpsCoda {mpsCoda>=588456 && mpsCoda<=655415}



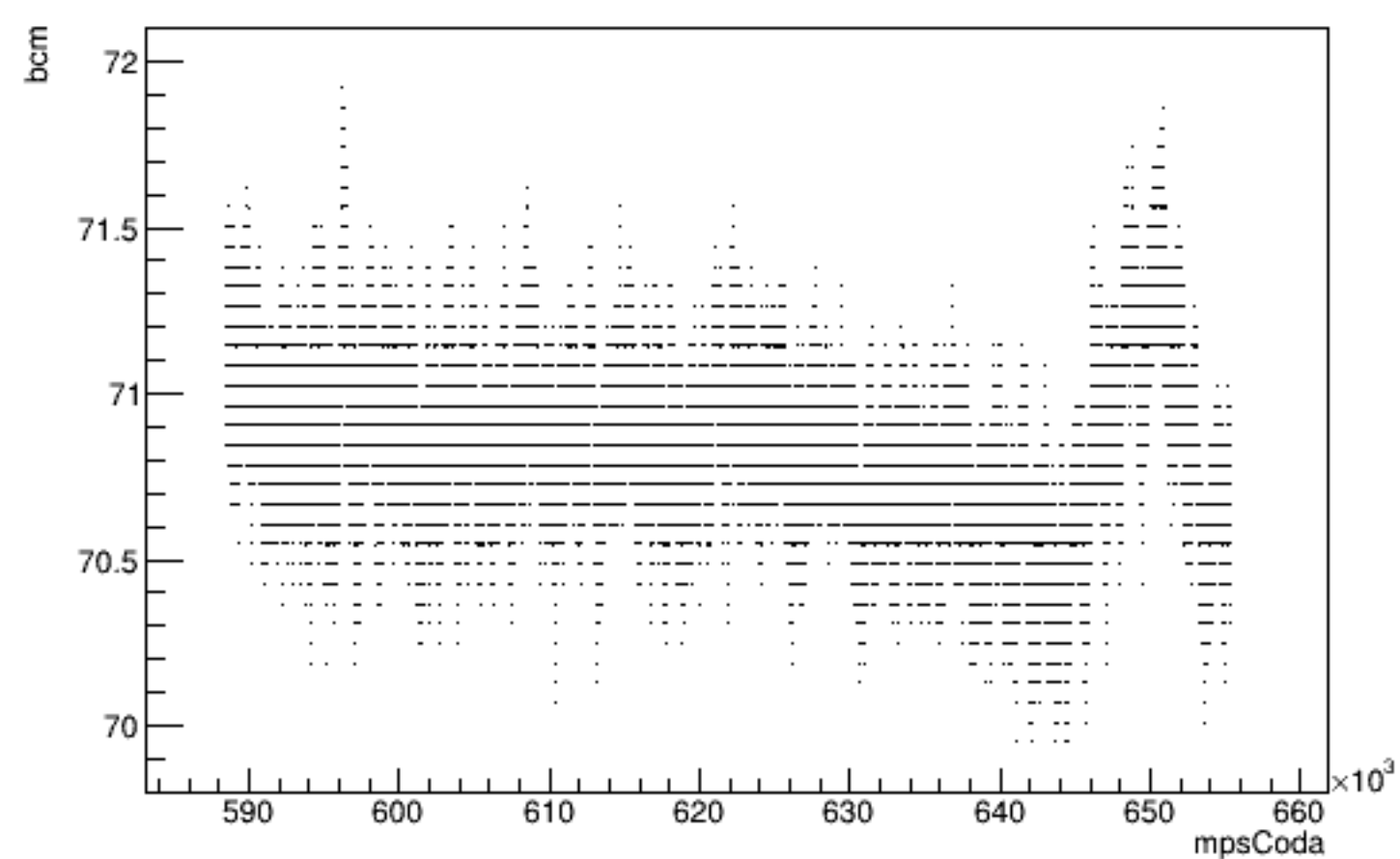
beamState + 1:mpsCoda {mpsCoda>=588456 && mpsCoda<=655415}



cavPowerCalibrated:mpsCoda {mpsCoda>=588456 && mpsCoda<=655415}



bcm:mpsCoda {mpsCoda>=588456 && mpsCoda<=655415}



Cycle 8, Diffs

Entries: 1786

Mean: -0.0011 +/- 0.0010

Std Dev: 0.0438 +/- 0.0007

Entries: 4795

Mean: -0.0006 +/- 0.0006

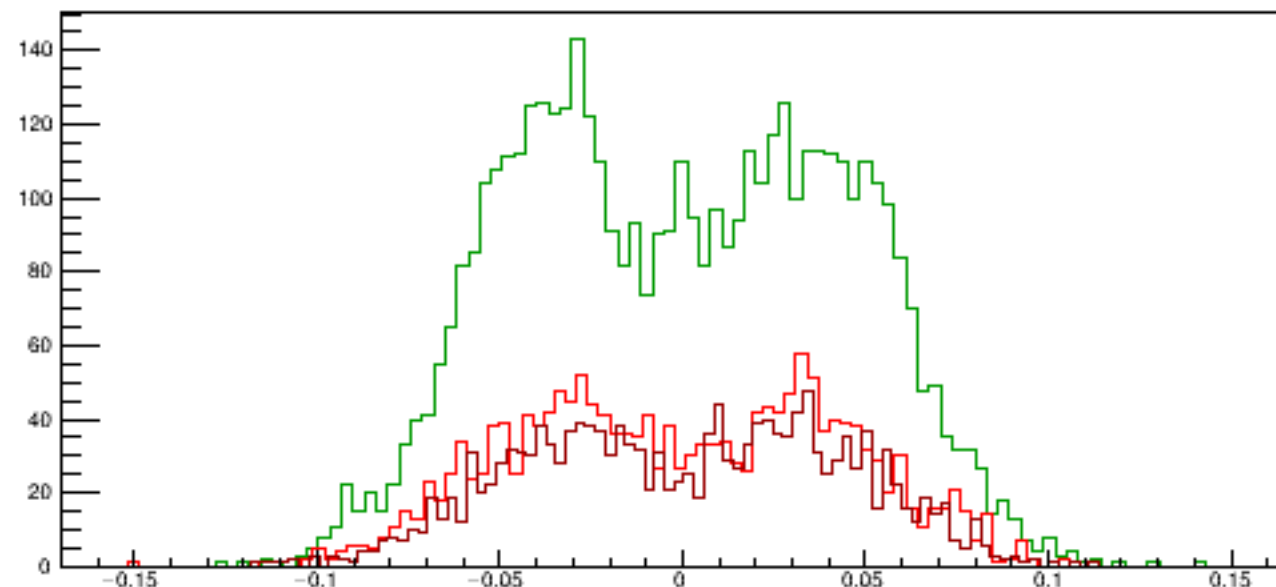
Std Dev: 0.0442 +/- 0.0005

Entries: 1630

Mean: 0.0004 +/- 0.0010

Std Dev: 0.0424 +/- 0.0007

Run 4496 quartetwise, Diffs



Cycle 8, Sums

Entries: 1786

Mean: -0.5512 +/- 0.0041

Std Dev: 0.1731 +/- 0.0029

Entries: 4795

Mean: -0.2352 +/- 0.0031

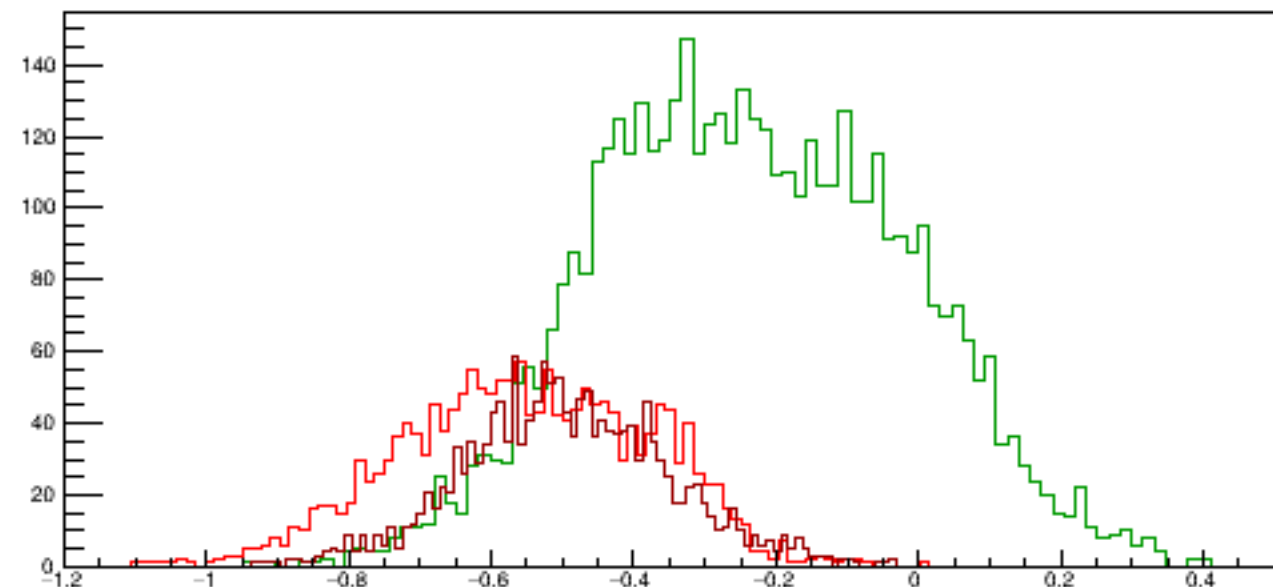
Std Dev: 0.2153 +/- 0.0022

Entries: 1630

Mean: -0.4944 +/- 0.0036

Std Dev: 0.1443 +/- 0.0025

Run 4496 quartetwise, Sums



Cycle 8, Asyms

Entries: 1786

Mean: -0.0038 +/- 0.0036

Std Dev: 0.1522 +/- 0.0025

Entries: 4795

Mean: 0.3397 +/- 0.5514

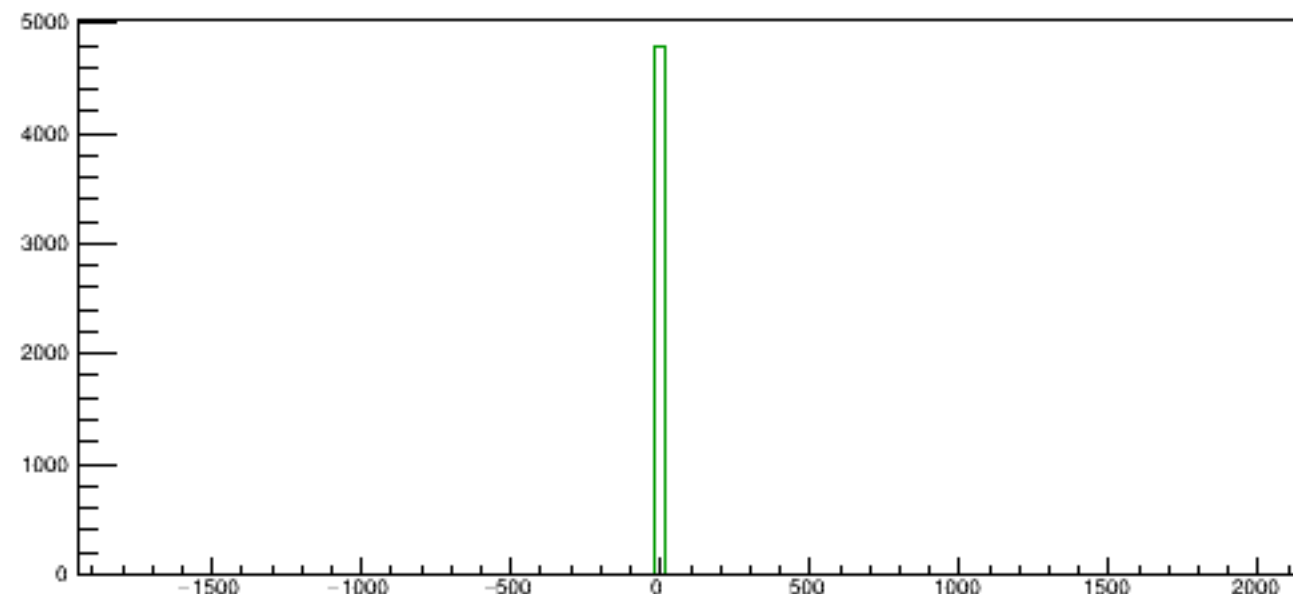
Std Dev: 38.1829 +/- 0.3899

Entries: 1630

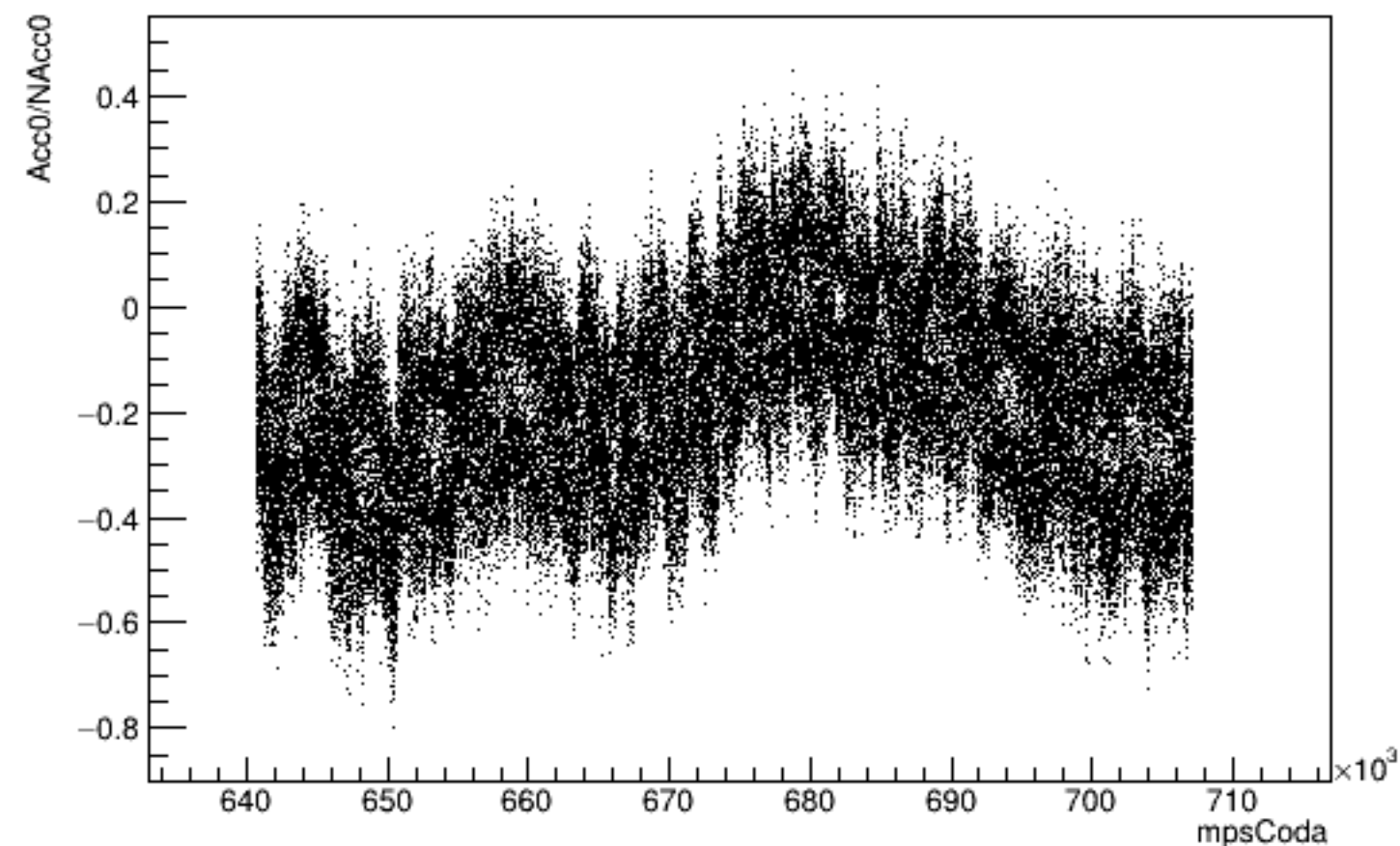
Mean: 0.0013 +/- 0.0036

Std Dev: 0.1474 +/- 0.0026

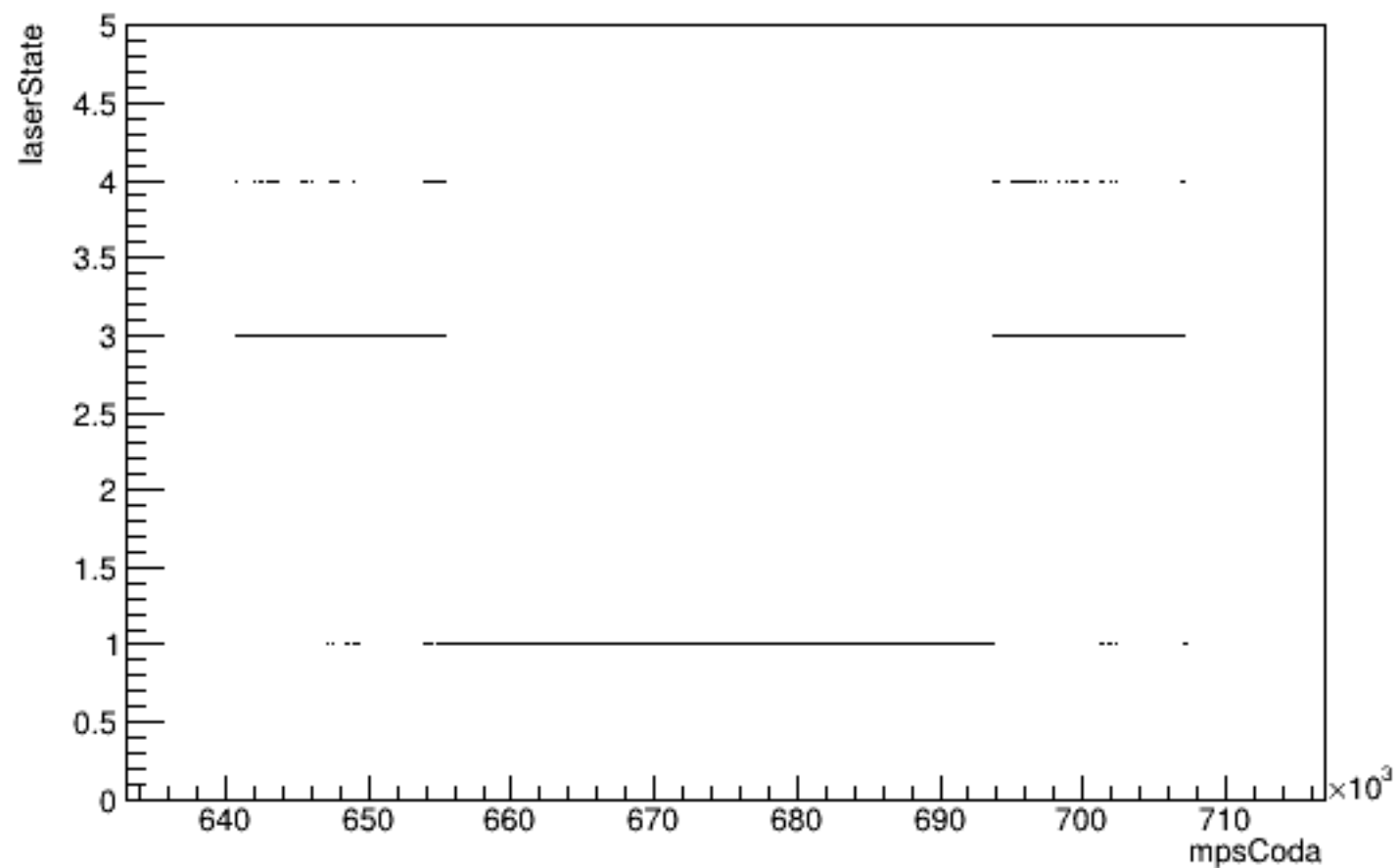
Run 4496 quartetwise, Asyms



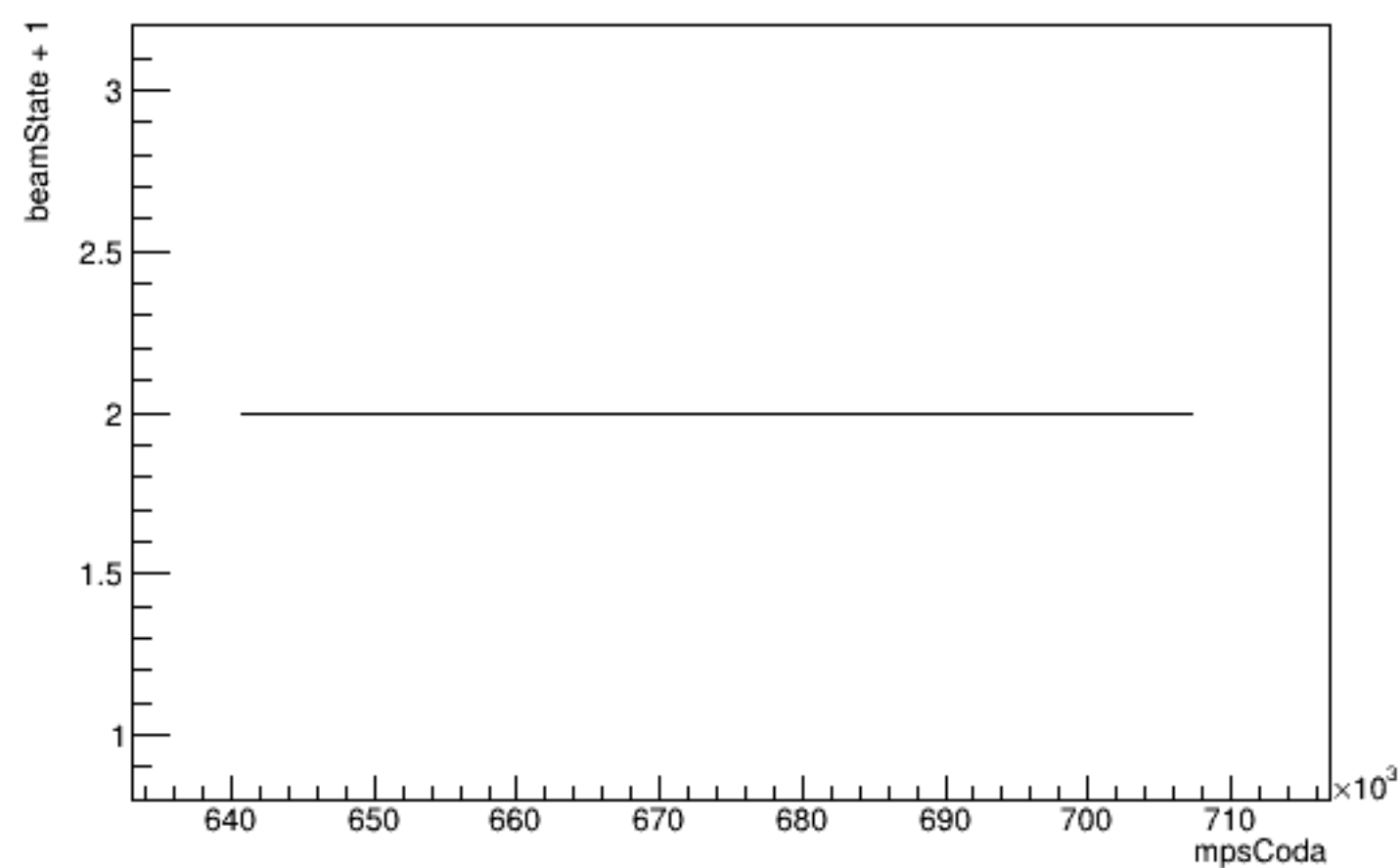
Acc0/NAcc0:mpsCoda (mpsCoda>=640632 && mpsCoda<=707191 && beamState==1)



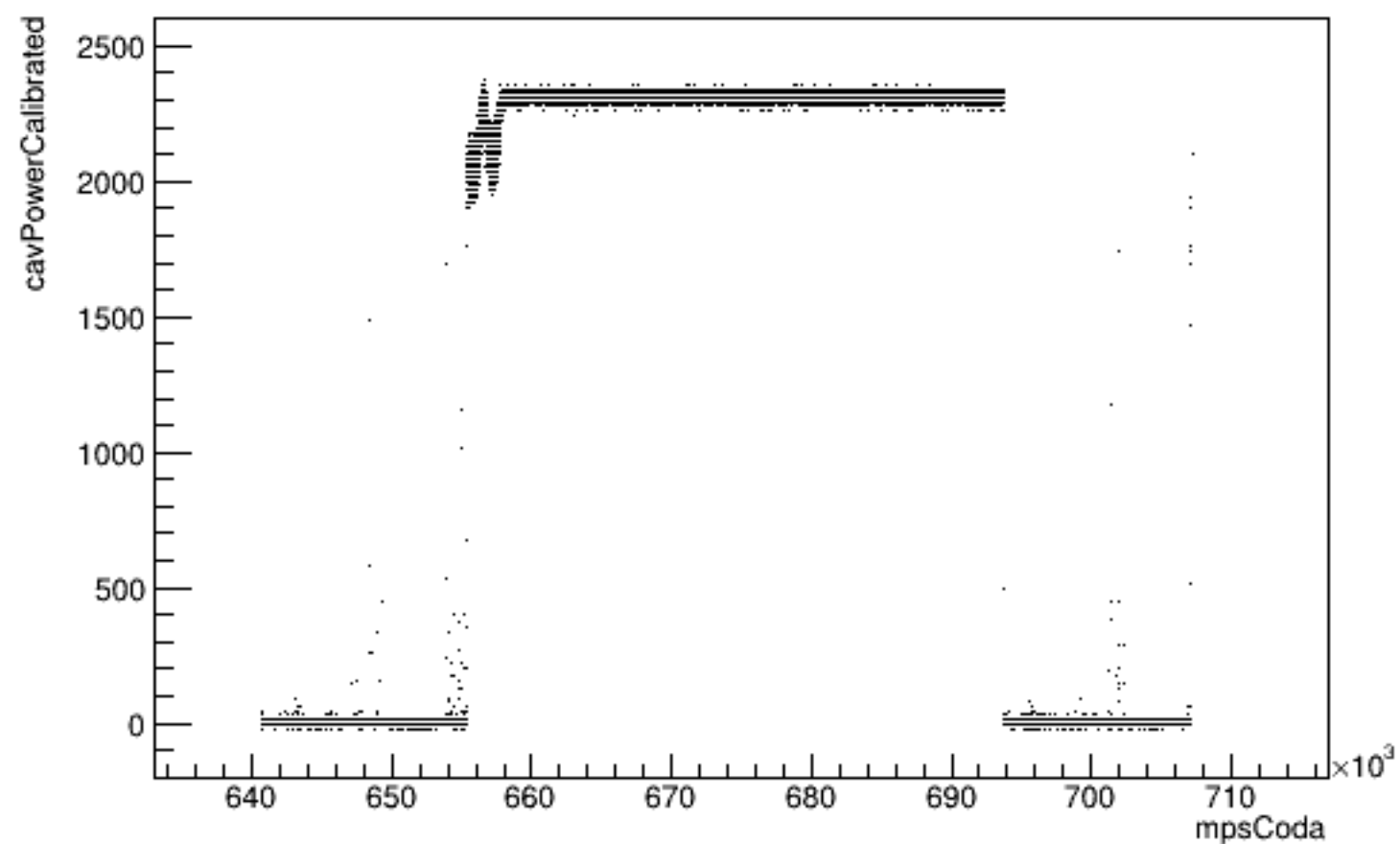
laserState:mpsCoda {mpsCoda>=640632 && mpsCoda<=707191}



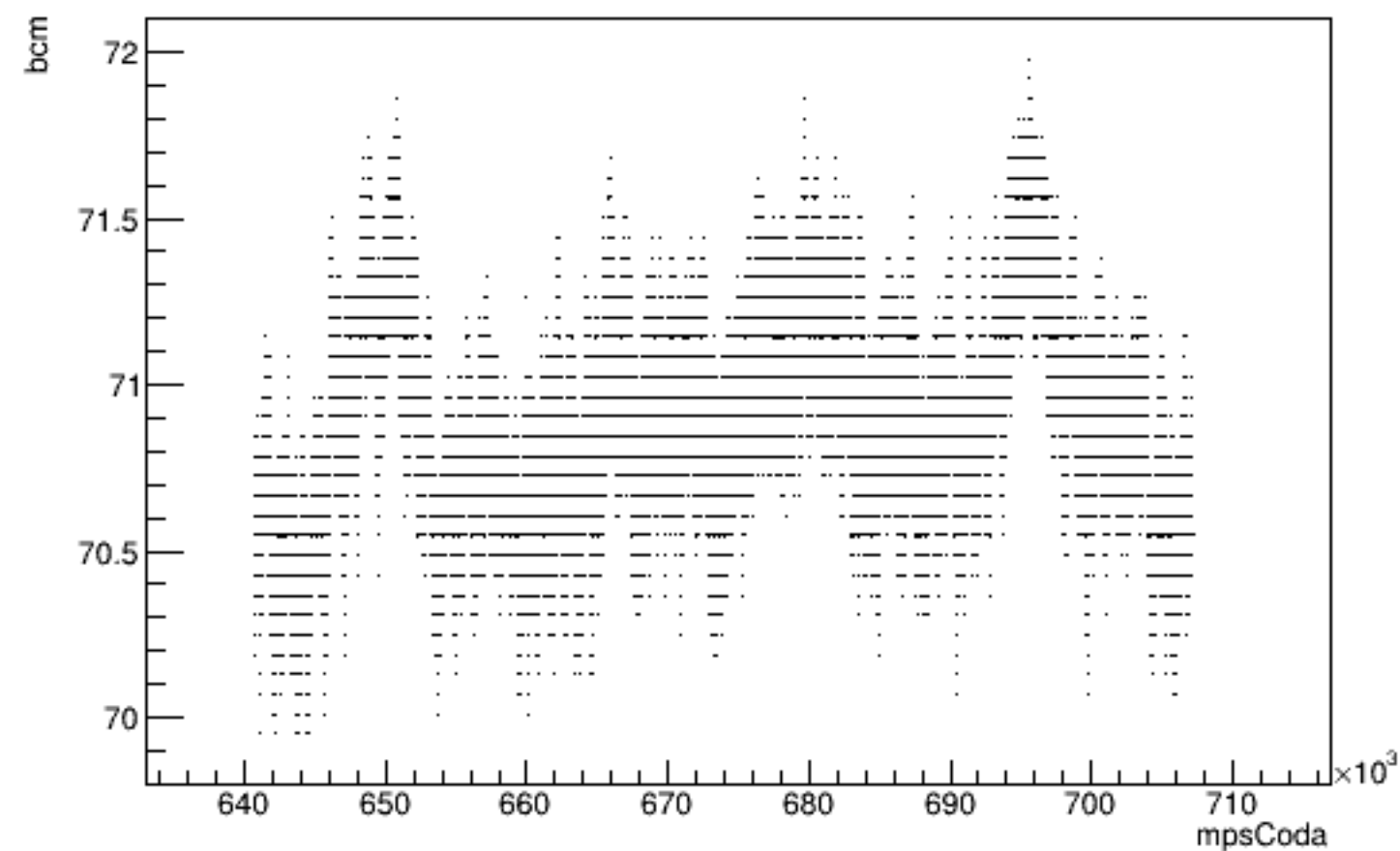
beamState + 1:mpsCoda {mpsCoda>=640632 && mpsCoda<=707191}



cavPowerCalibrated:mpsCoda {mpsCoda>=640632 && mpsCoda<=707191}



bcm:mpsCoda {mpsCoda>=640632 && mpsCoda<=707191}



Cycle 9, Diffs

Entries: 1630

Mean: 0.0004 +/- 0.0010

Std Dev: 0.0424 +/- 0.0007

Entries: 4785

Mean: -0.0001 +/- 0.0006

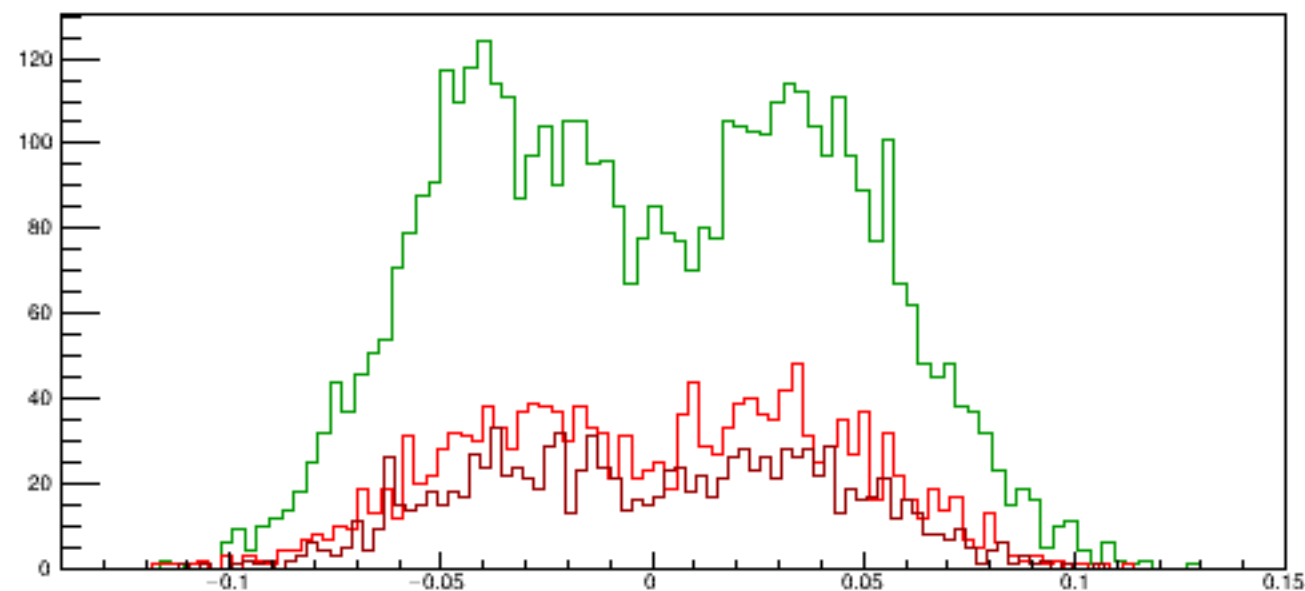
Std Dev: 0.0446 +/- 0.0005

Entries: 1164

Mean: -0.0004 +/- 0.0012

Std Dev: 0.0411 +/- 0.0009

Run 4496 quartetwise, Diffs



Cycle 9, Sums

Entries: 1630

Mean: -0.4944 +/- 0.0036

Std Dev: 0.1443 +/- 0.0025

Entries: 4785

Mean: -0.6143 +/- 0.0023

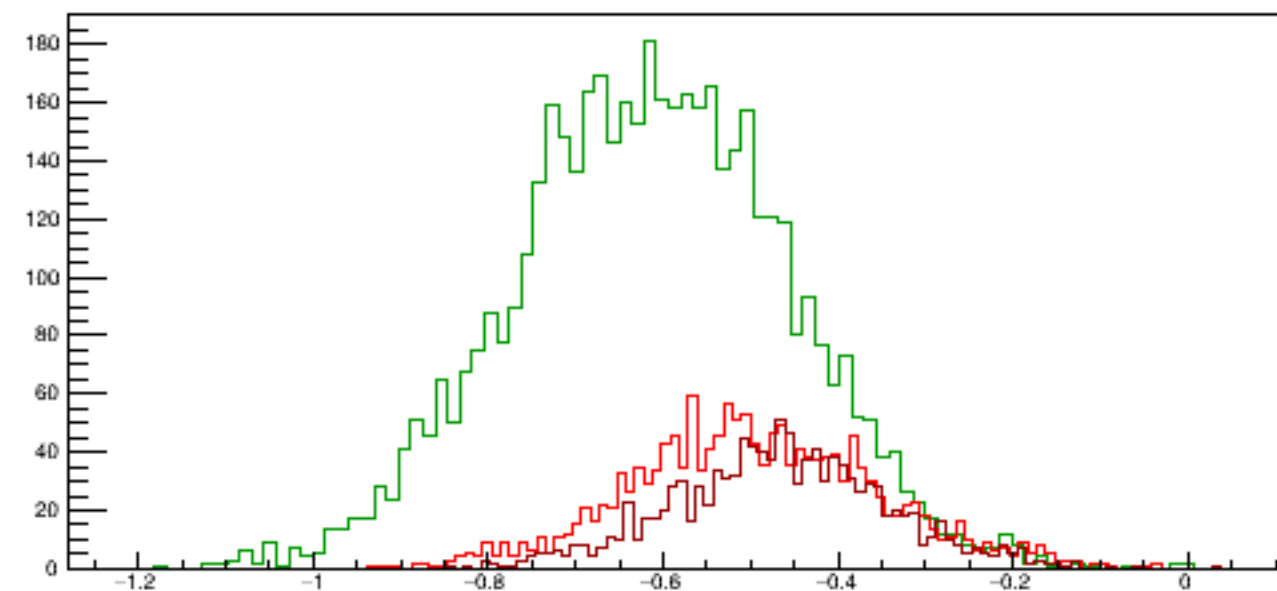
Std Dev: 0.1577 +/- 0.0016

Entries: 1164

Mean: -0.4659 +/- 0.0036

Std Dev: 0.1245 +/- 0.0026

Run 4496 quartetwise, Sums



Cycle 9, Asyms

Entries: 1630

Mean: -0.0028 +/- 0.0078

Std Dev: 0.3159 +/- 0.0055

Entries: 4785

Mean: -0.0980 +/- 0.2949

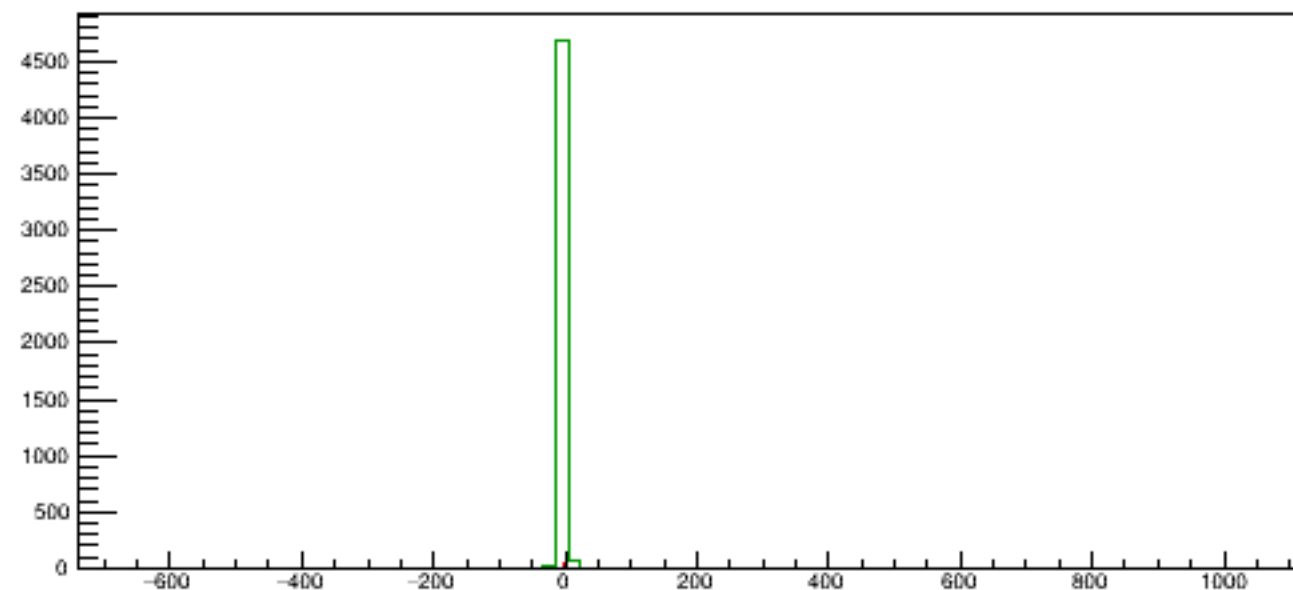
Std Dev: 20.4016 +/- 0.2085

Entries: 1164

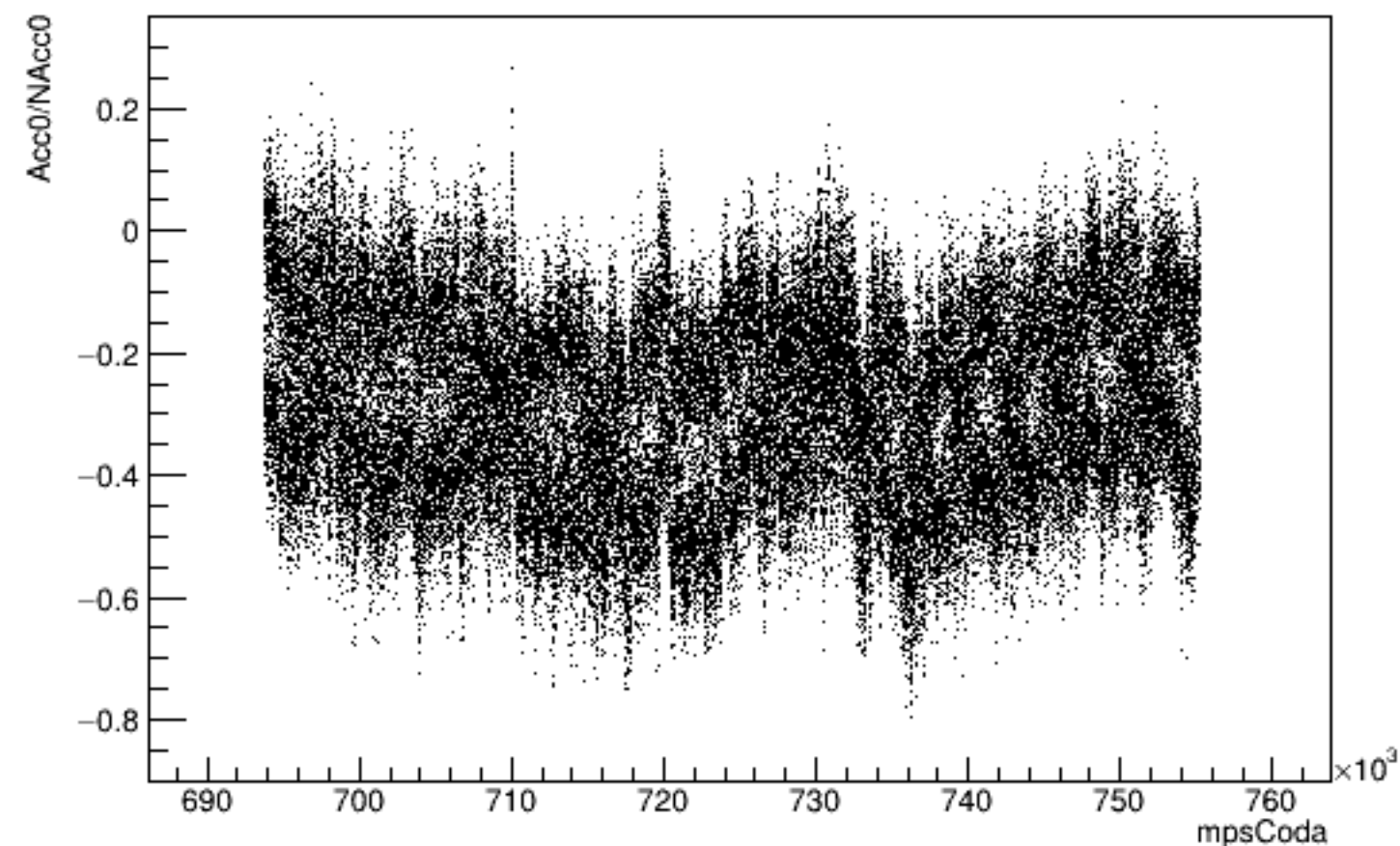
Mean: 0.0029 +/- 0.0090

Std Dev: 0.3066 +/- 0.0064

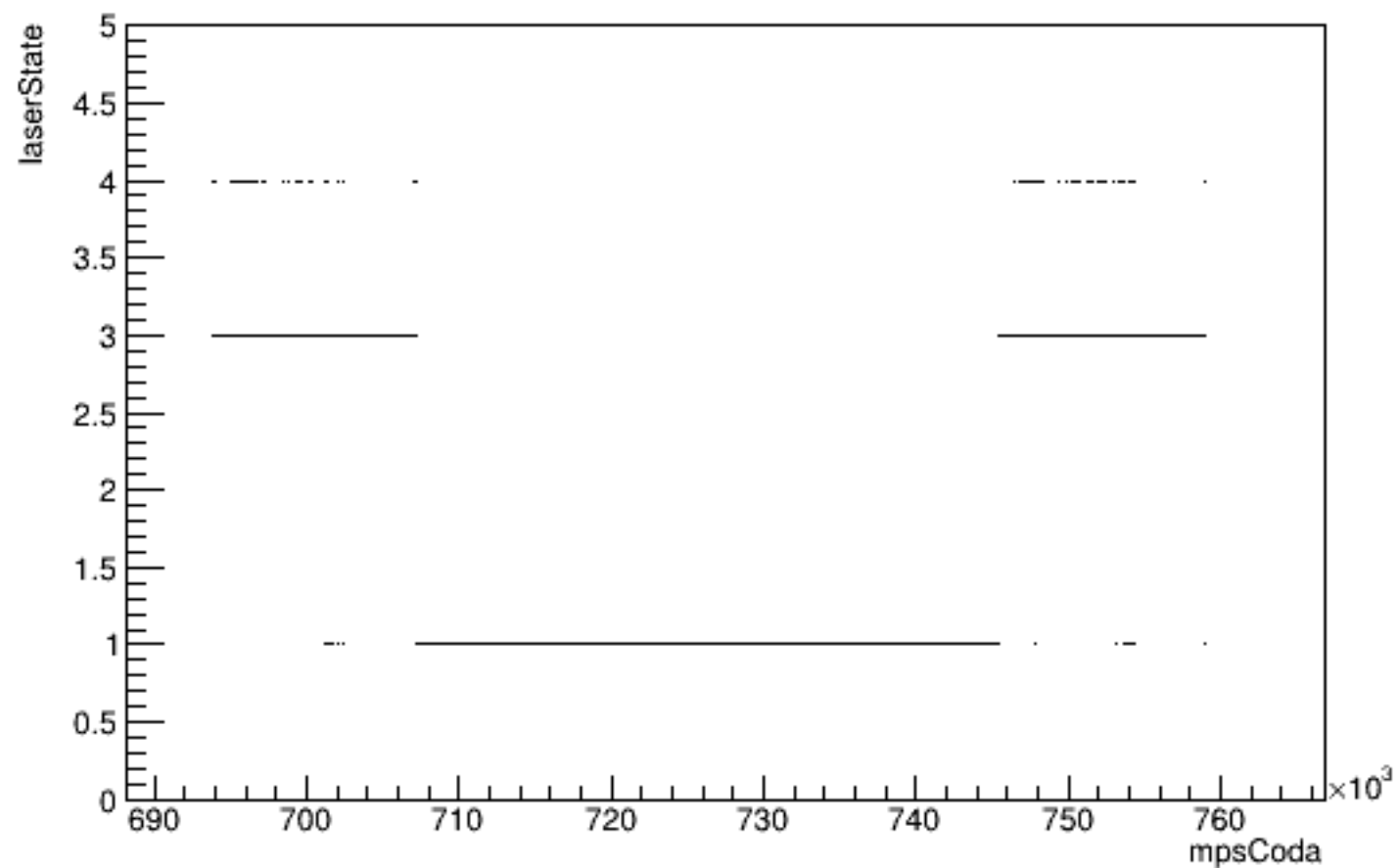
Run 4496 quartetwise, Asyms



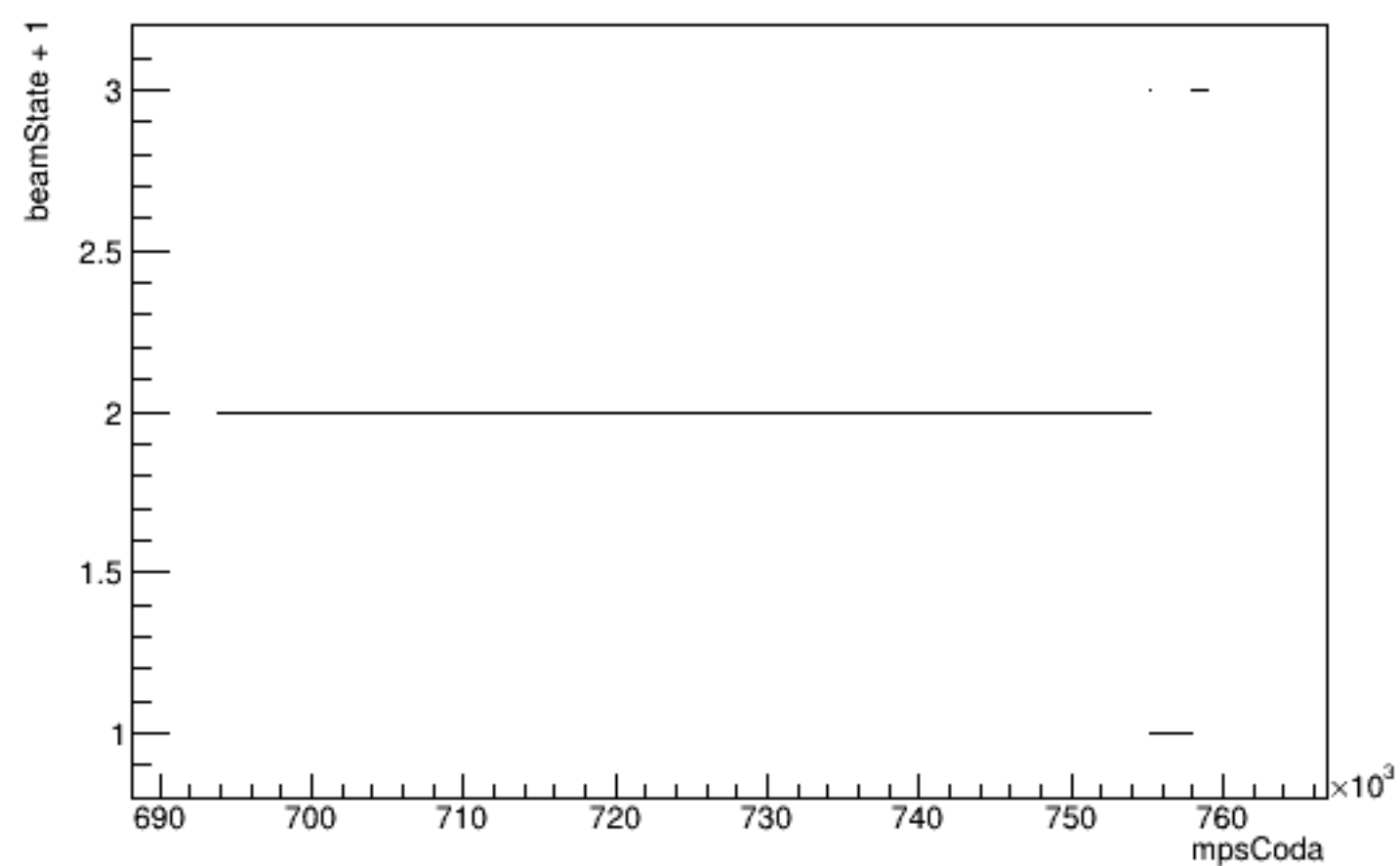
Acc0/NAcc0:mpsCoda (mpsCoda>=693776 && mpsCoda<=758903 && beamState==1)



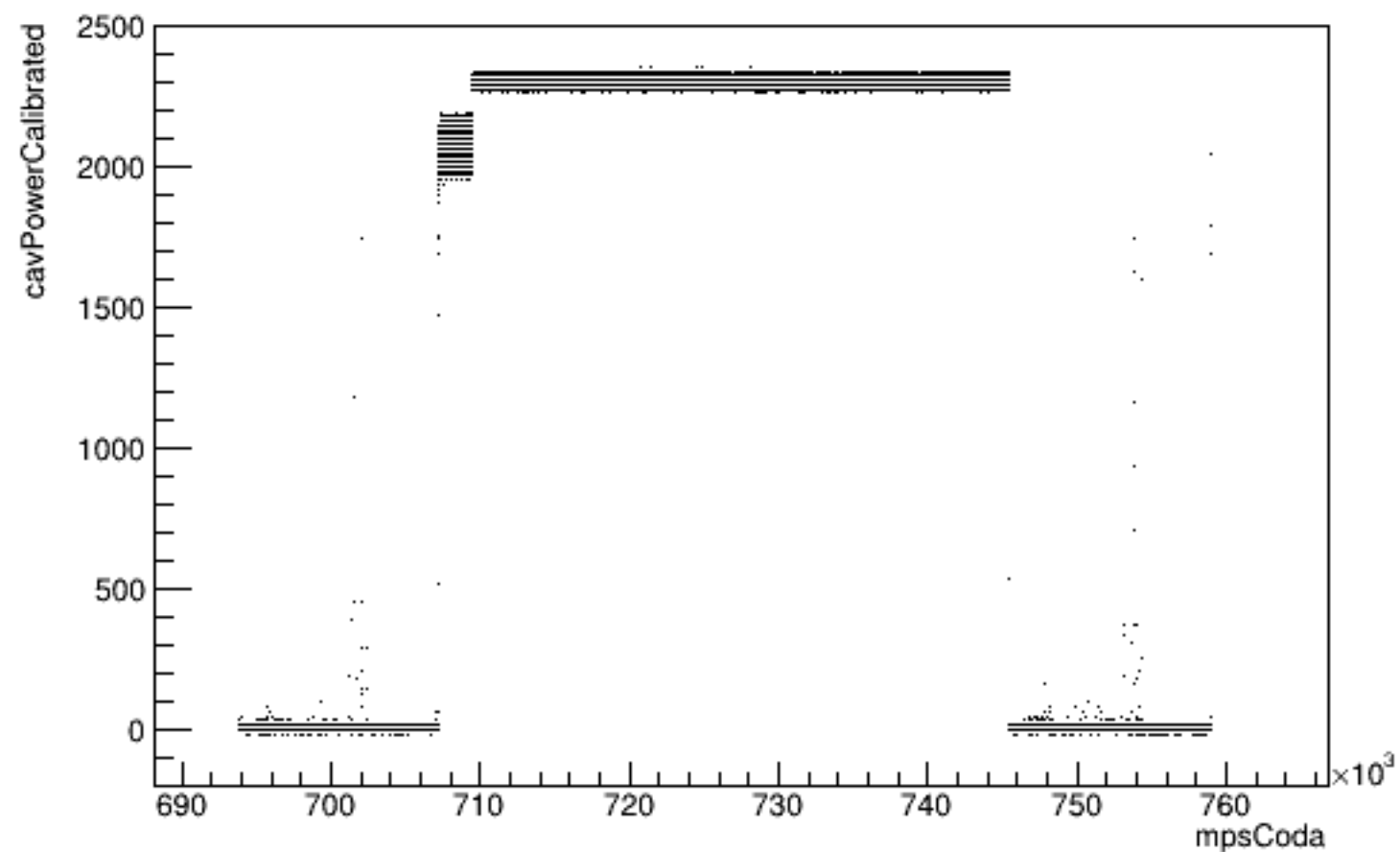
laserState:mpsCoda {mpsCoda>=693776 && mpsCoda<=758903}



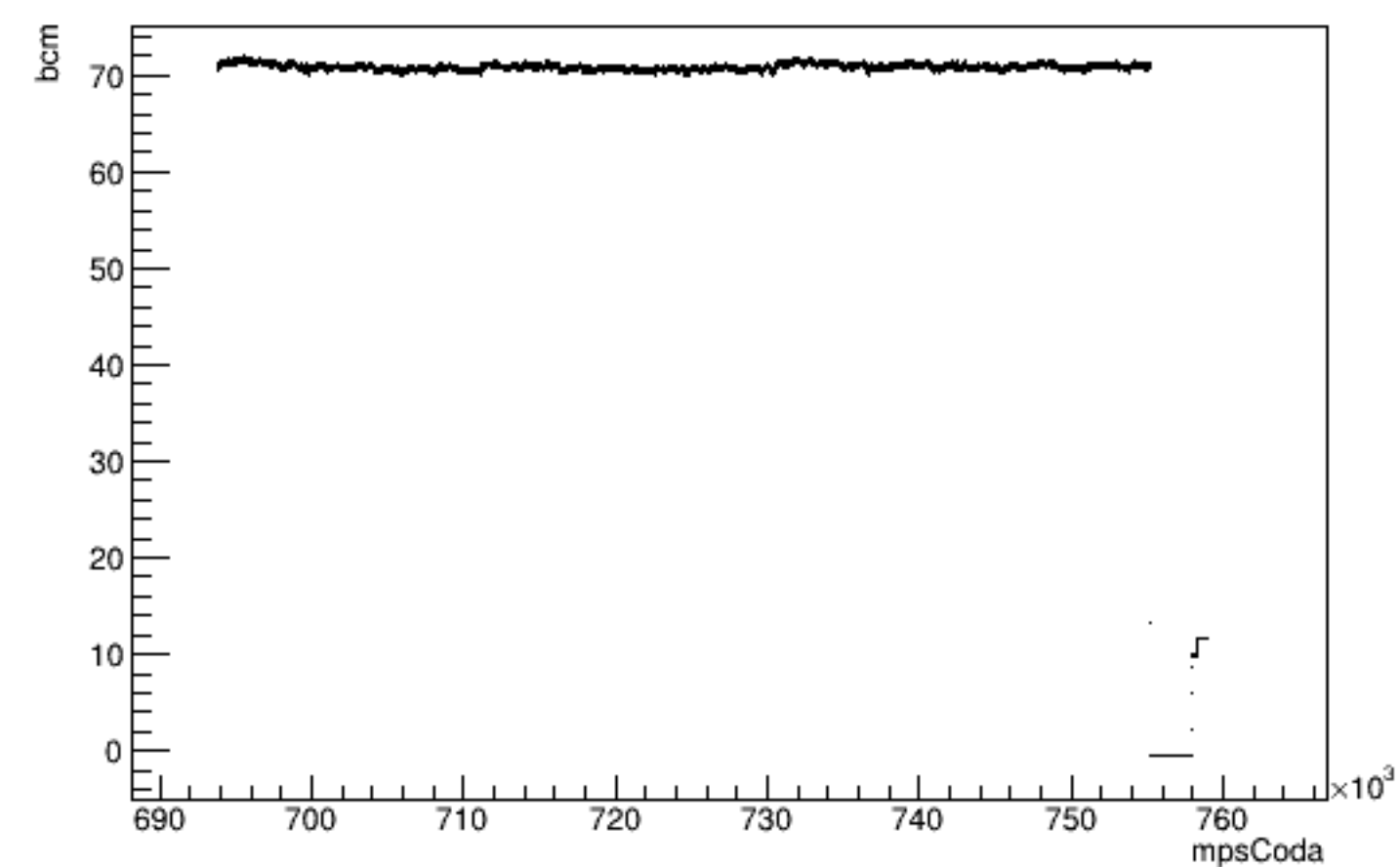
beamState + 1:mpsCoda {mpsCoda>=693776 && mpsCoda<=758903}



cavPowerCalibrated:mpsCoda {mpsCoda>=693776 && mpsCoda<=758903}



bcm:mpsCoda {mpsCoda>=693776 && mpsCoda<=758903}



Cycle 10, Diffs

Entries: 1164

Mean: -0.0004 +/- 0.0012

Std Dev: 0.0411 +/- 0.0009

Entries: 3614

Mean: 0.0005 +/- 0.0007

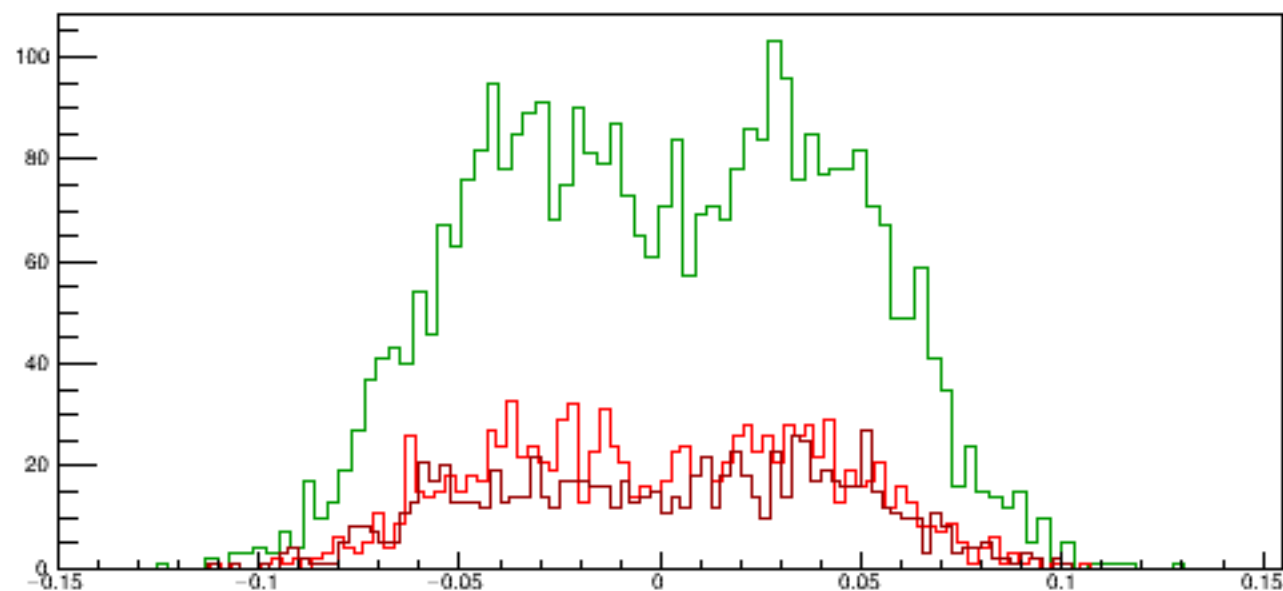
Std Dev: 0.0434 +/- 0.0005

Entries: 929

Mean: 0.0007 +/- 0.0014

Std Dev: 0.0436 +/- 0.0010

Run 4496 quartetwise, Diffs



Cycle 10, Sums

Entries: 1164

Mean: -0.4659 +/- 0.0036

Std Dev: 0.1245 +/- 0.0026

Entries: 3614

Mean: -0.4820 +/- 0.0027

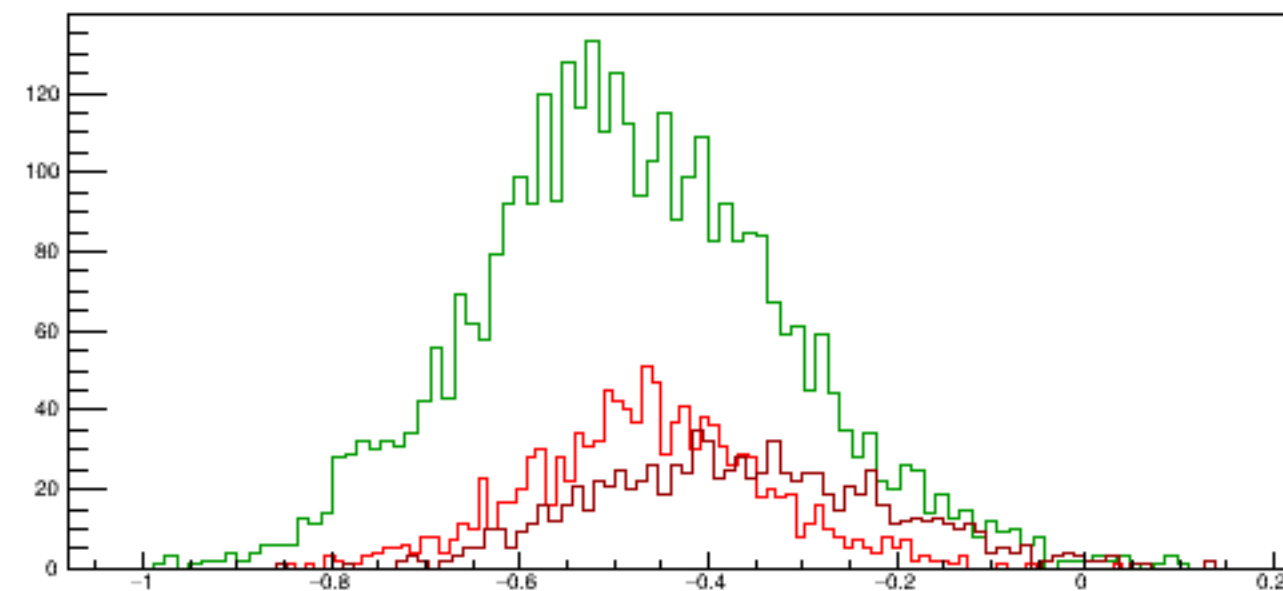
Std Dev: 0.1649 +/- 0.0019

Entries: 929

Mean: -0.3669 +/- 0.0050

Std Dev: 0.1539 +/- 0.0036

Run 4496 quartetwise, Sums



Cycle 10, Asyms

Entries: 1164

Mean: 0.0059 +/- 0.0184

Std Dev: 0.6272 +/- 0.0130

Entries: 3614

Mean: 0.3470 +/- 0.6776

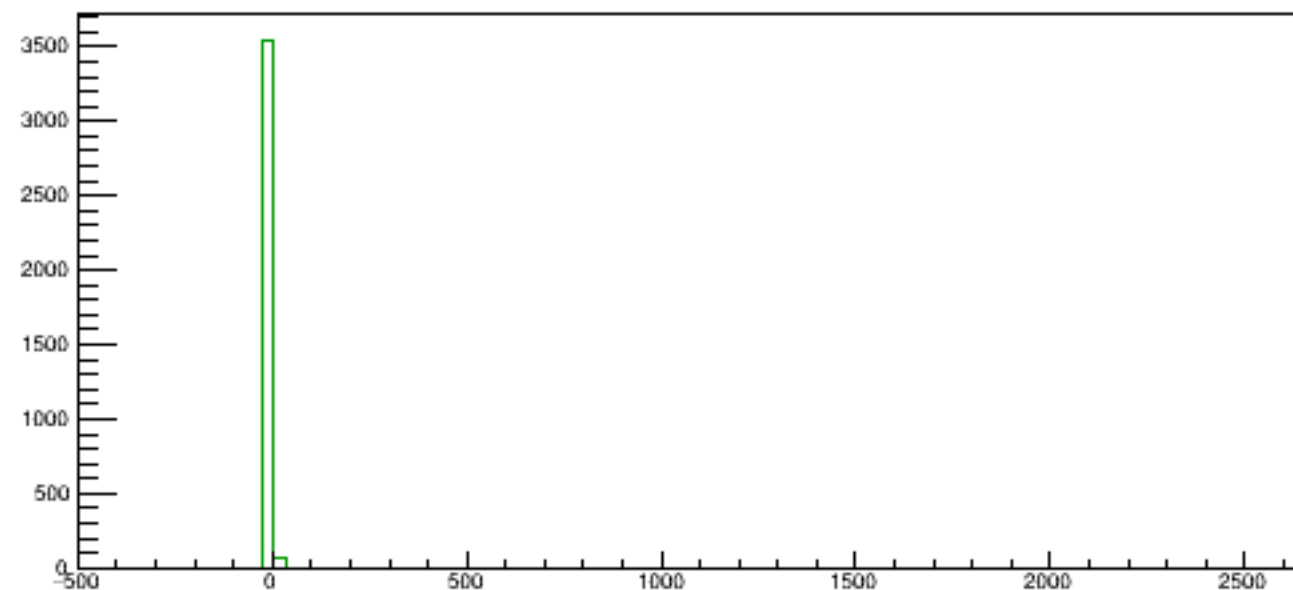
Std Dev: 40.7363 +/- 0.4792

Entries: 929

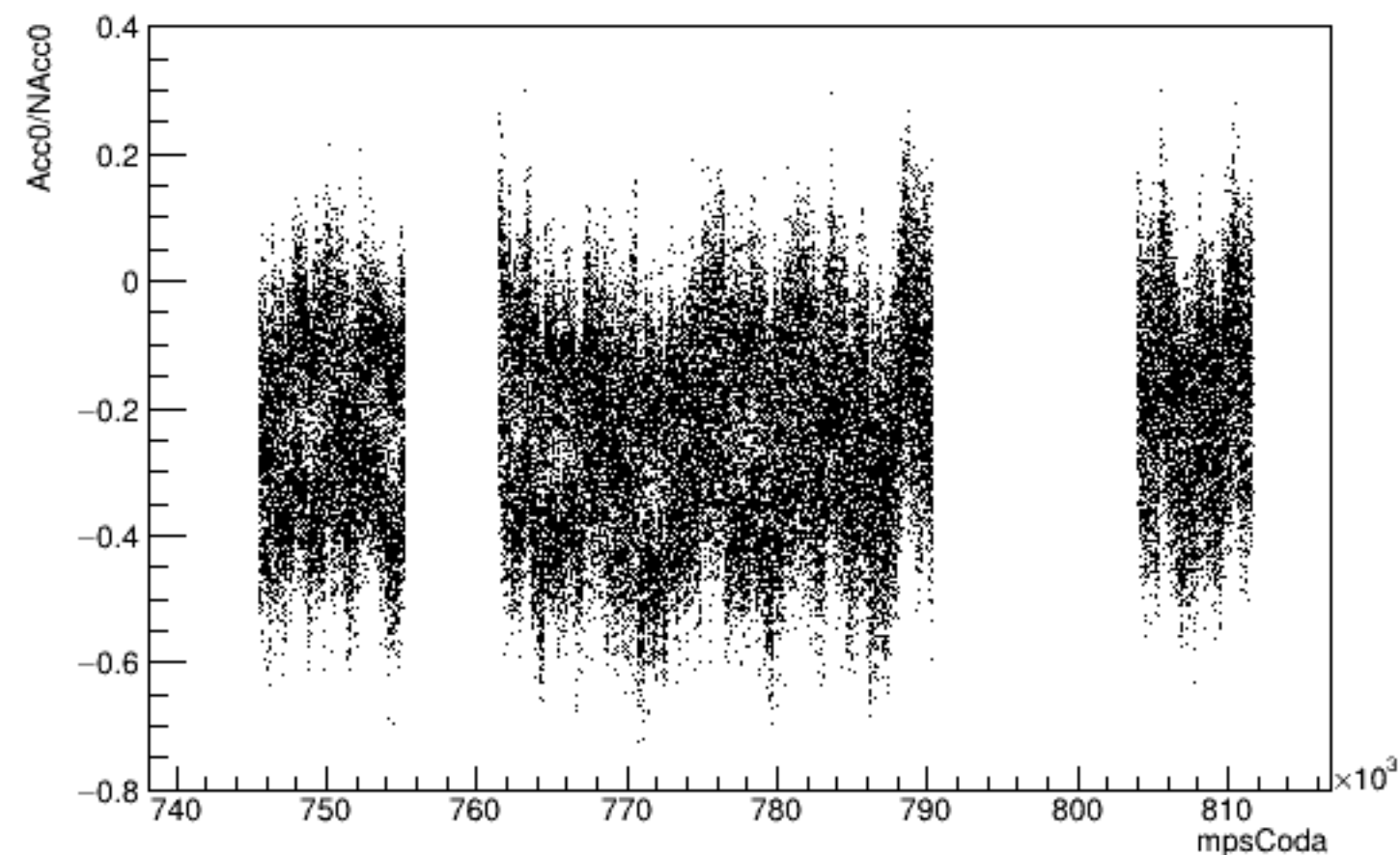
Mean: -0.0114 +/- 0.0218

Std Dev: 0.6643 +/- 0.0154

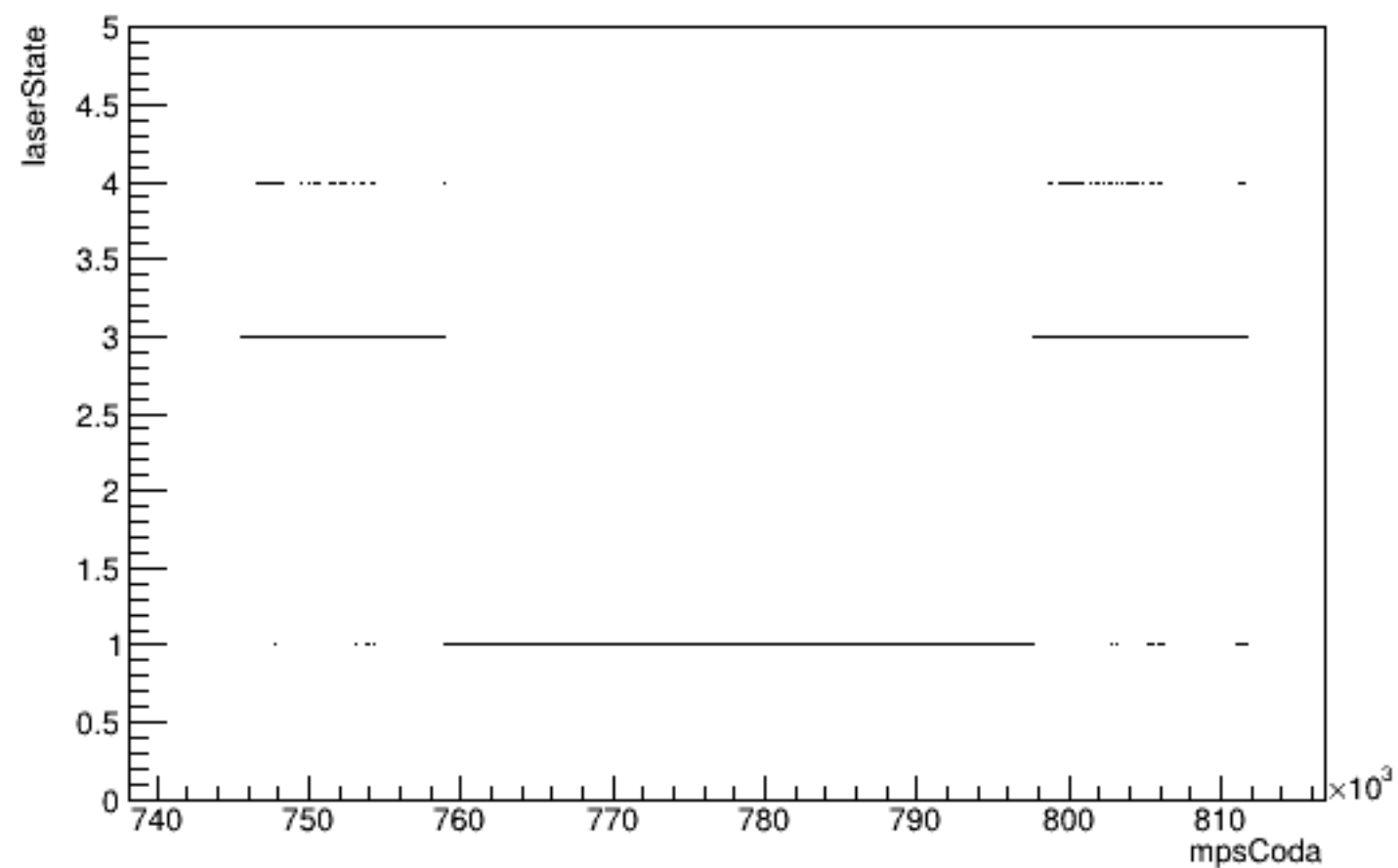
Run 4496 quartetwise, Asyms



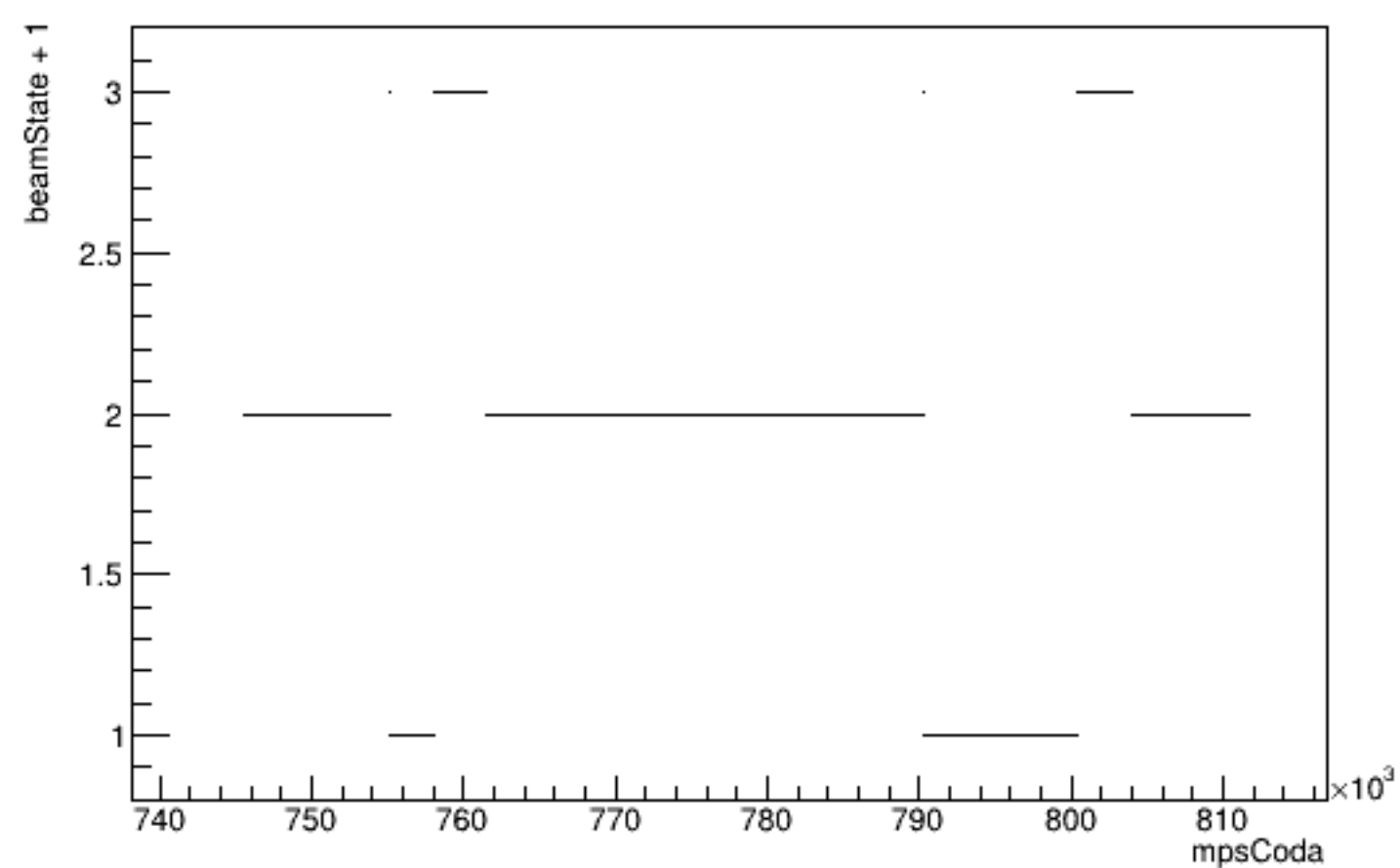
Acc0/NAcc0:mpsCoda (mpsCoda>=745480 && mpsCoda<=811631 && beamState==1)



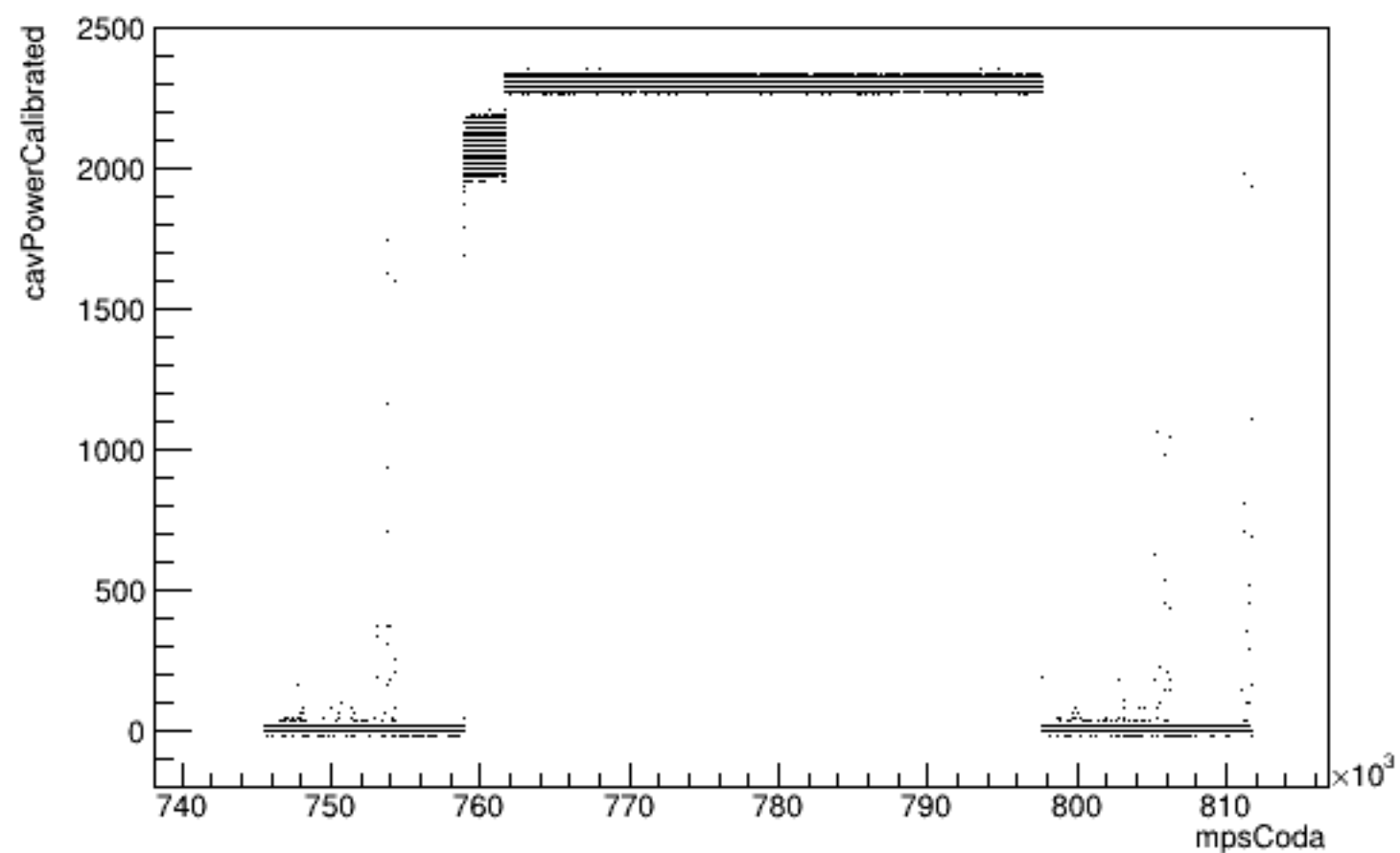
laserState:mpsCoda {mpsCoda>=745480 && mpsCoda<=811631}



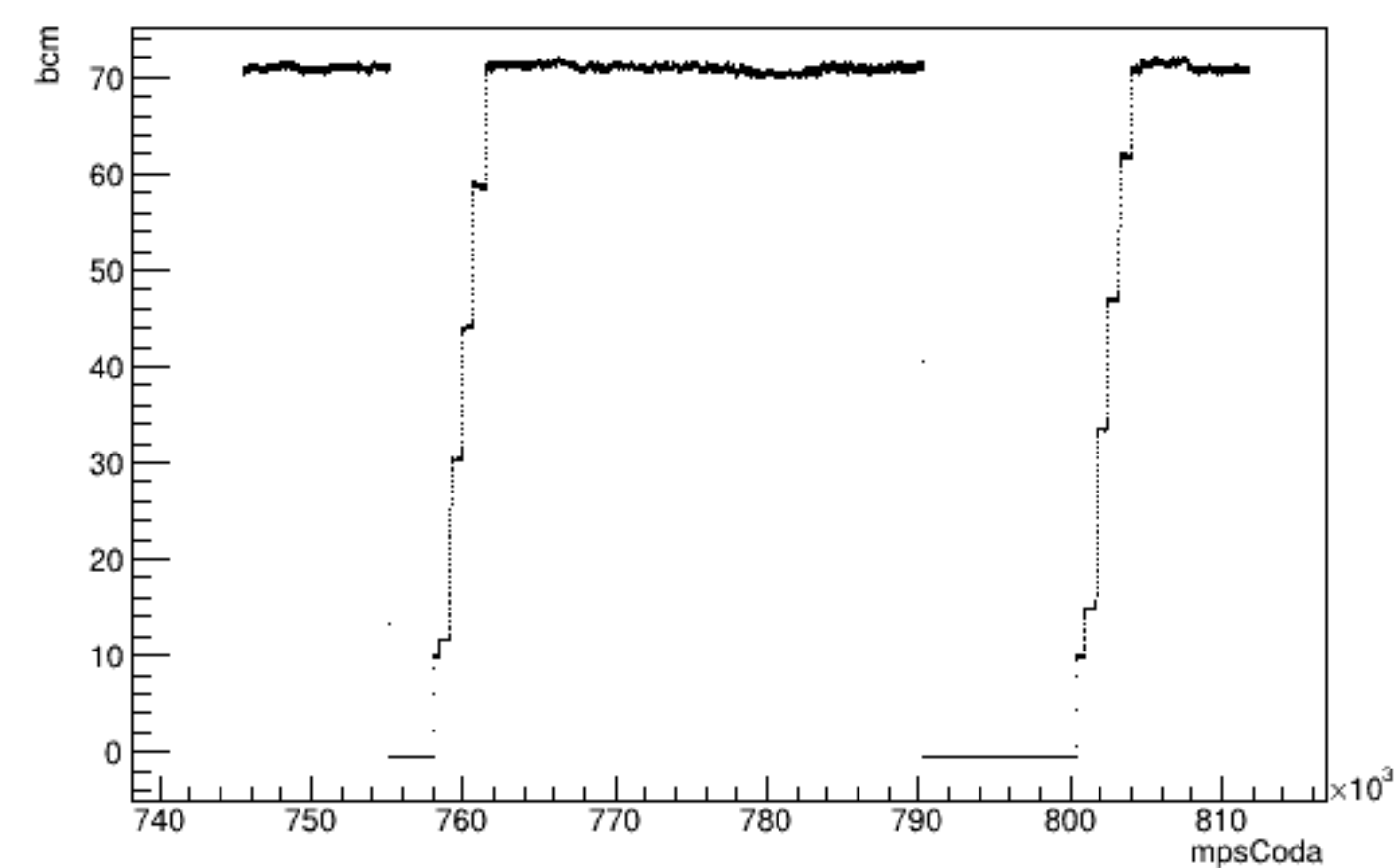
beamState + 1:mpsCoda {mpsCoda>=745480 && mpsCoda<=811631}



cavPowerCalibrated:mpsCoda {mpsCoda>=745480 && mpsCoda<=811631}



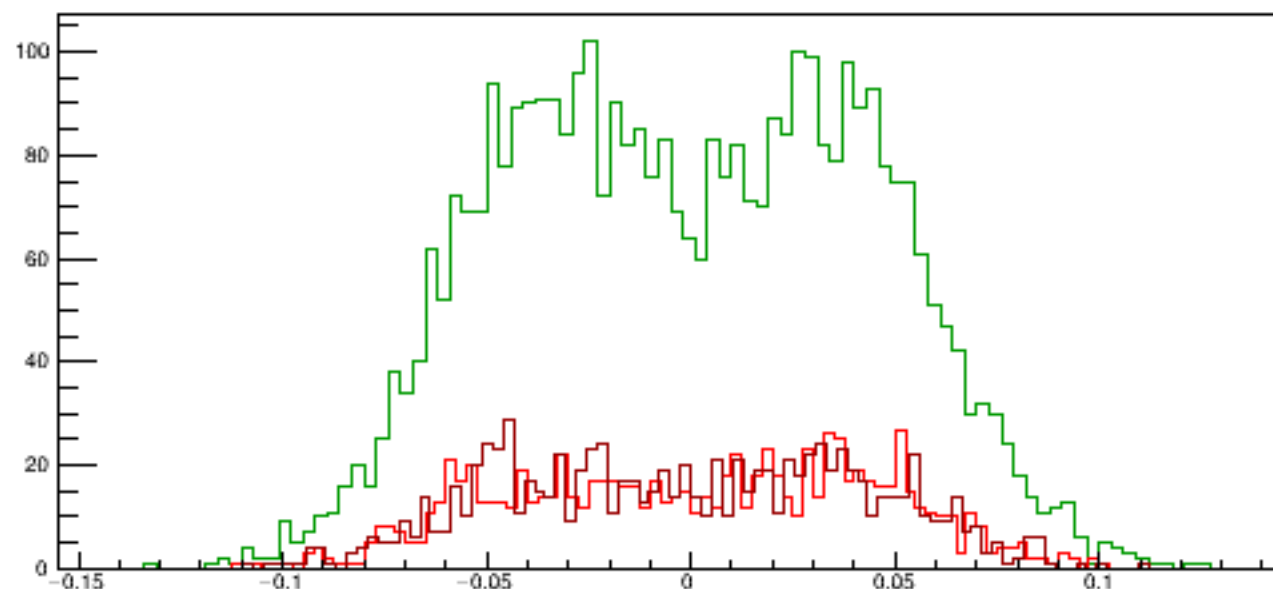
bcm:mpsCoda {mpsCoda>=745480 && mpsCoda<=811631}



Cycle 11, Diffs

Entries: 929	Entries: 3895	Entries: 943
Mean: 0.0007 +/- 0.0014	Mean: -0.0008 +/- 0.0007	Mean: -0.0014 +/- 0.0014
Std Dev: 0.0436 +/- 0.0010	Std Dev: 0.0439 +/- 0.0005	Std Dev: 0.0429 +/- 0.0010

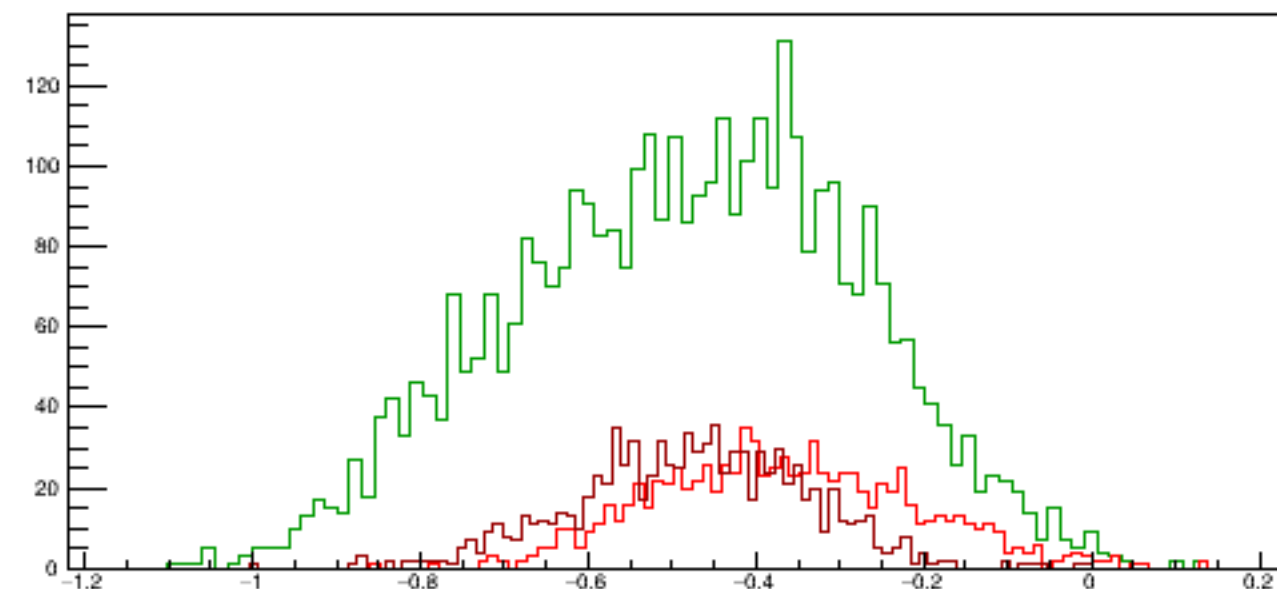
Run 4496 quartetwise, Diffs



Cycle 11, Sums

Entries: 929	Entries: 3895	Entries: 943
Mean: -0.3669 +/- 0.0050	Mean: -0.4852 +/- 0.0033	Mean: -0.4768 +/- 0.0044
Std Dev: 0.1539 +/- 0.0036	Std Dev: 0.2061 +/- 0.0023	Std Dev: 0.1365 +/- 0.0031

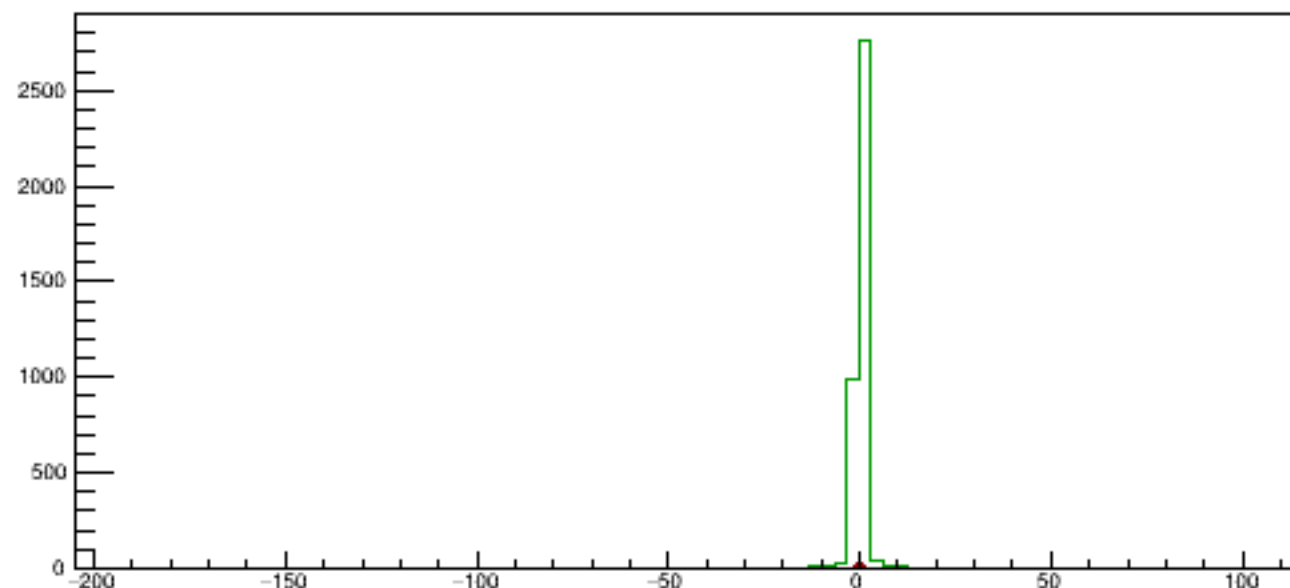
Run 4496 quartetwise, Sums



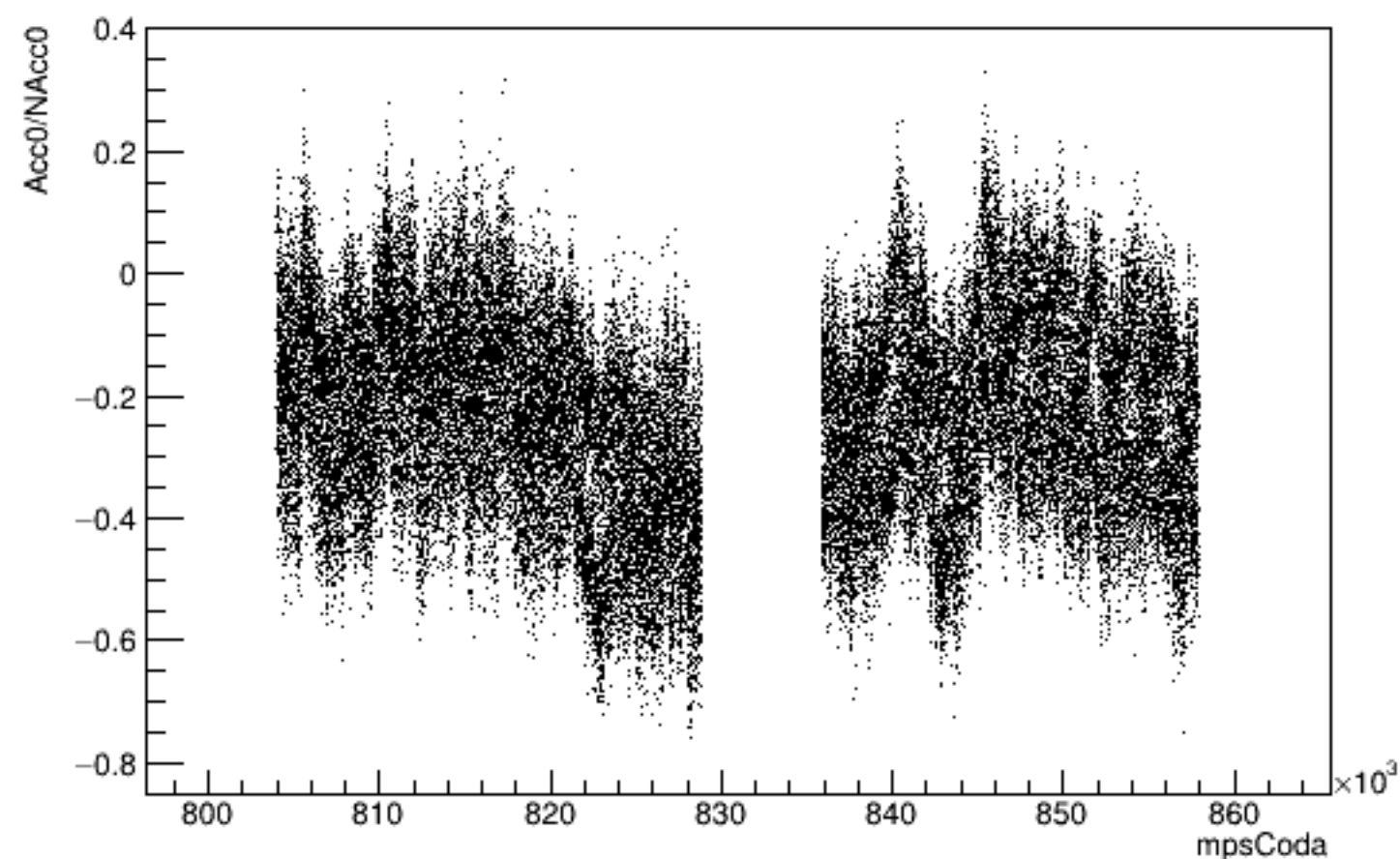
Cycle 11, Asyms

Entries: 929	Entries: 3895	Entries: 943
Mean: -0.0118 +/- 0.0226	Mean: -0.1007 +/- 0.0853	Mean: 0.0229 +/- 0.0221
Std Dev: 0.6878 +/- 0.0160	Std Dev: 5.3239 +/- 0.0603	Std Dev: 0.6772 +/- 0.0156

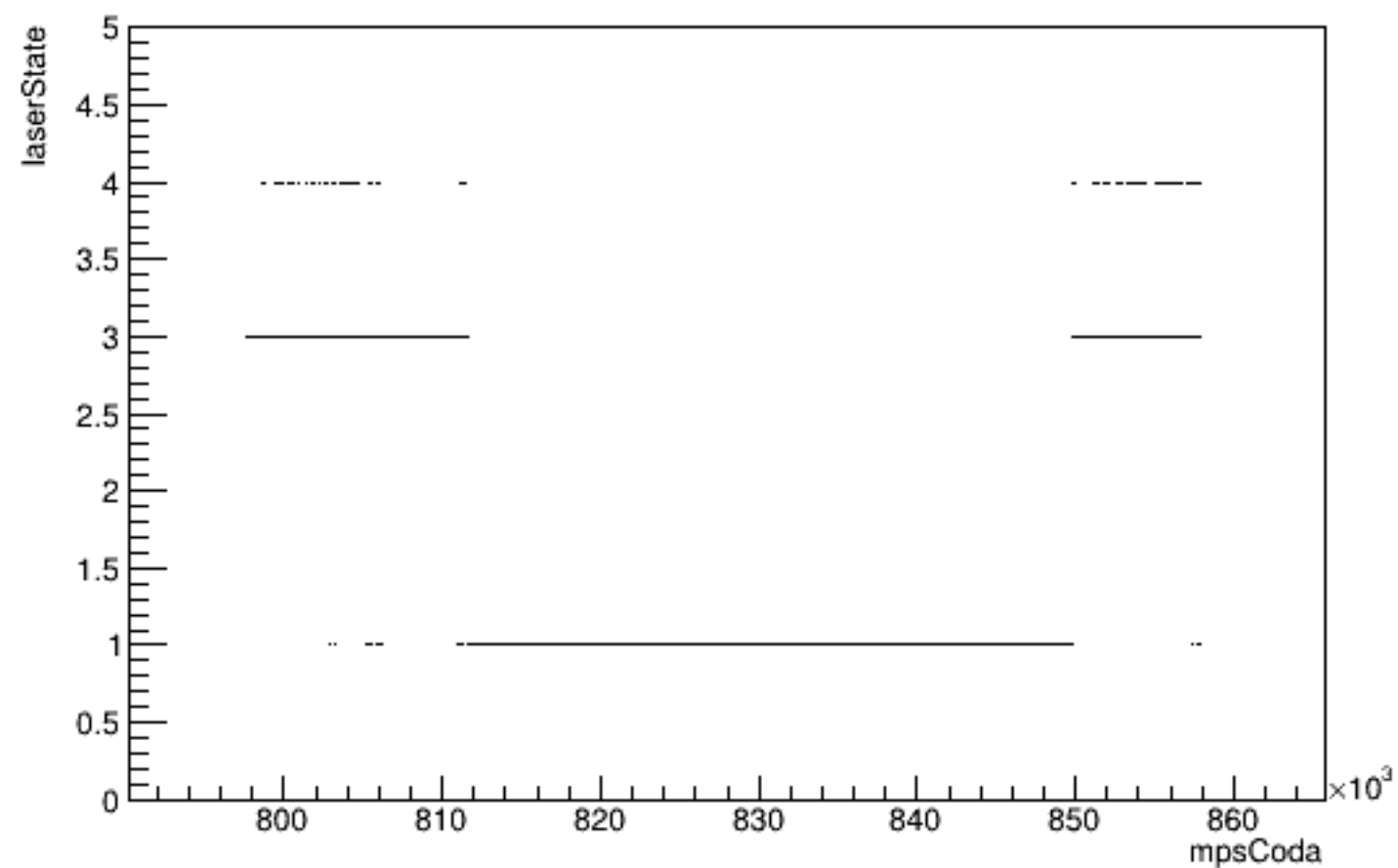
Run 4496 quartetwise, Asyms



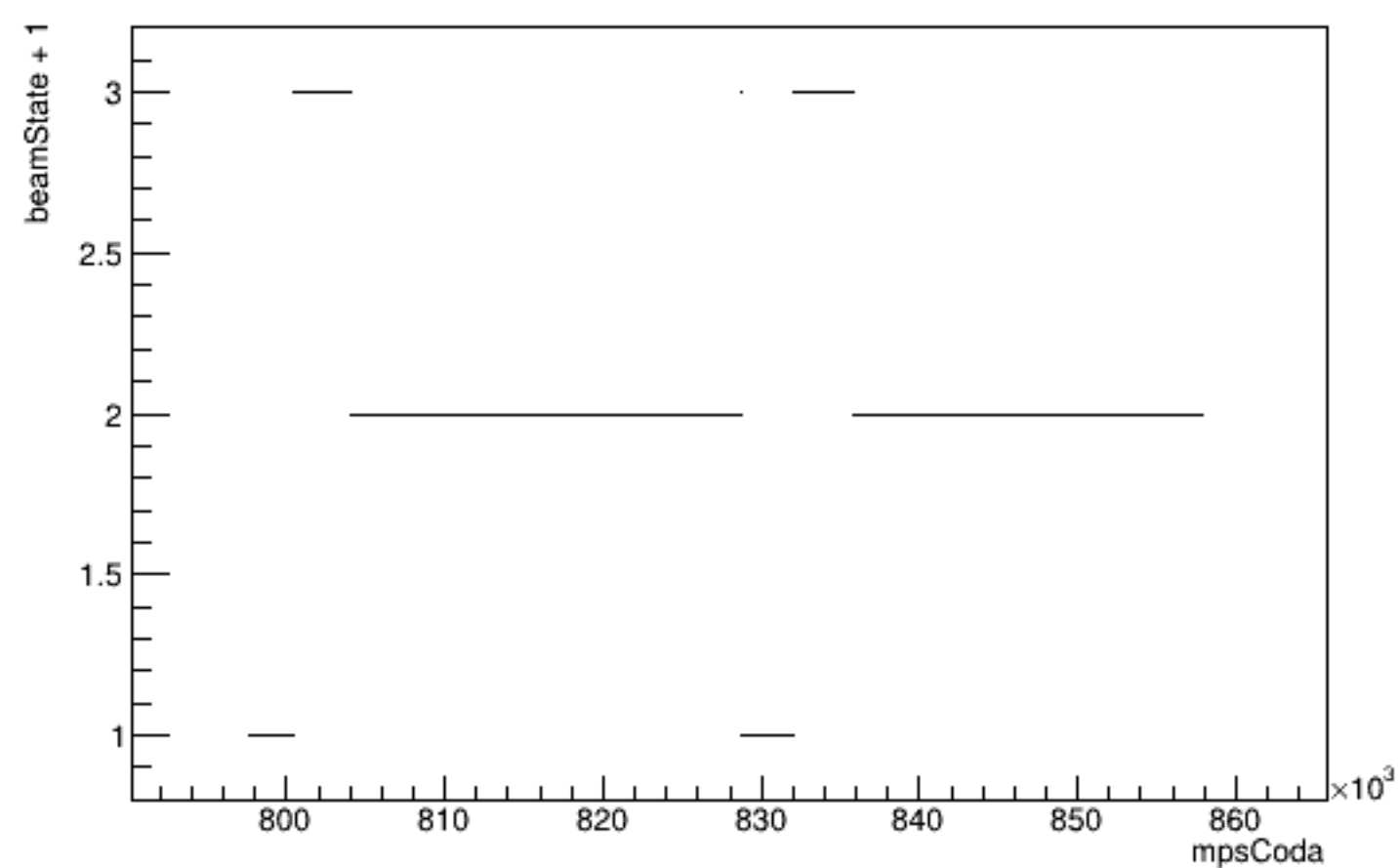
Acc0/NAcc0:mpsCoda (mpsCoda>=797656 && mpsCoda<=857879 && beamState==1)



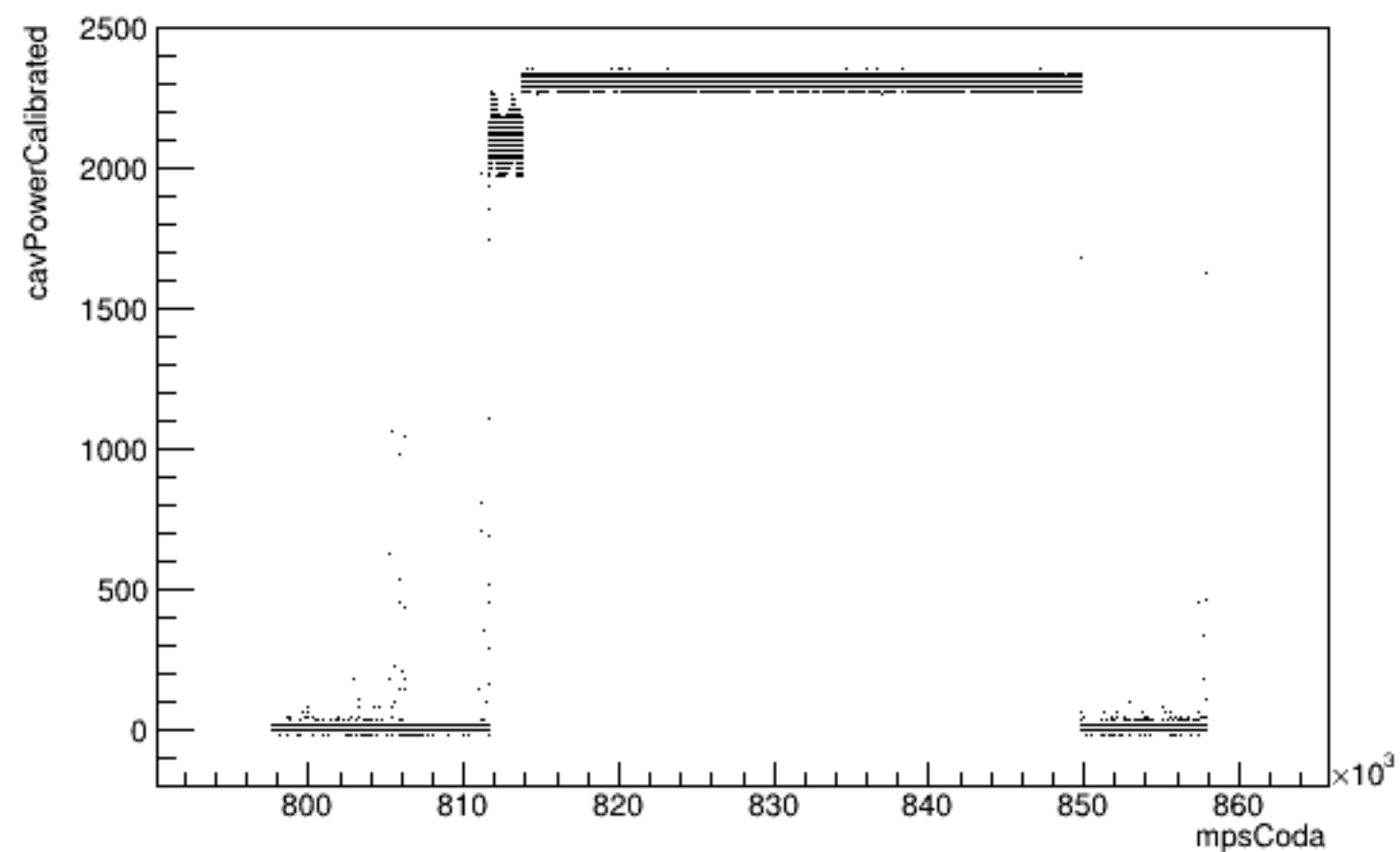
laserState:mpsCoda {mpsCoda>=797656 && mpsCoda<=857879}



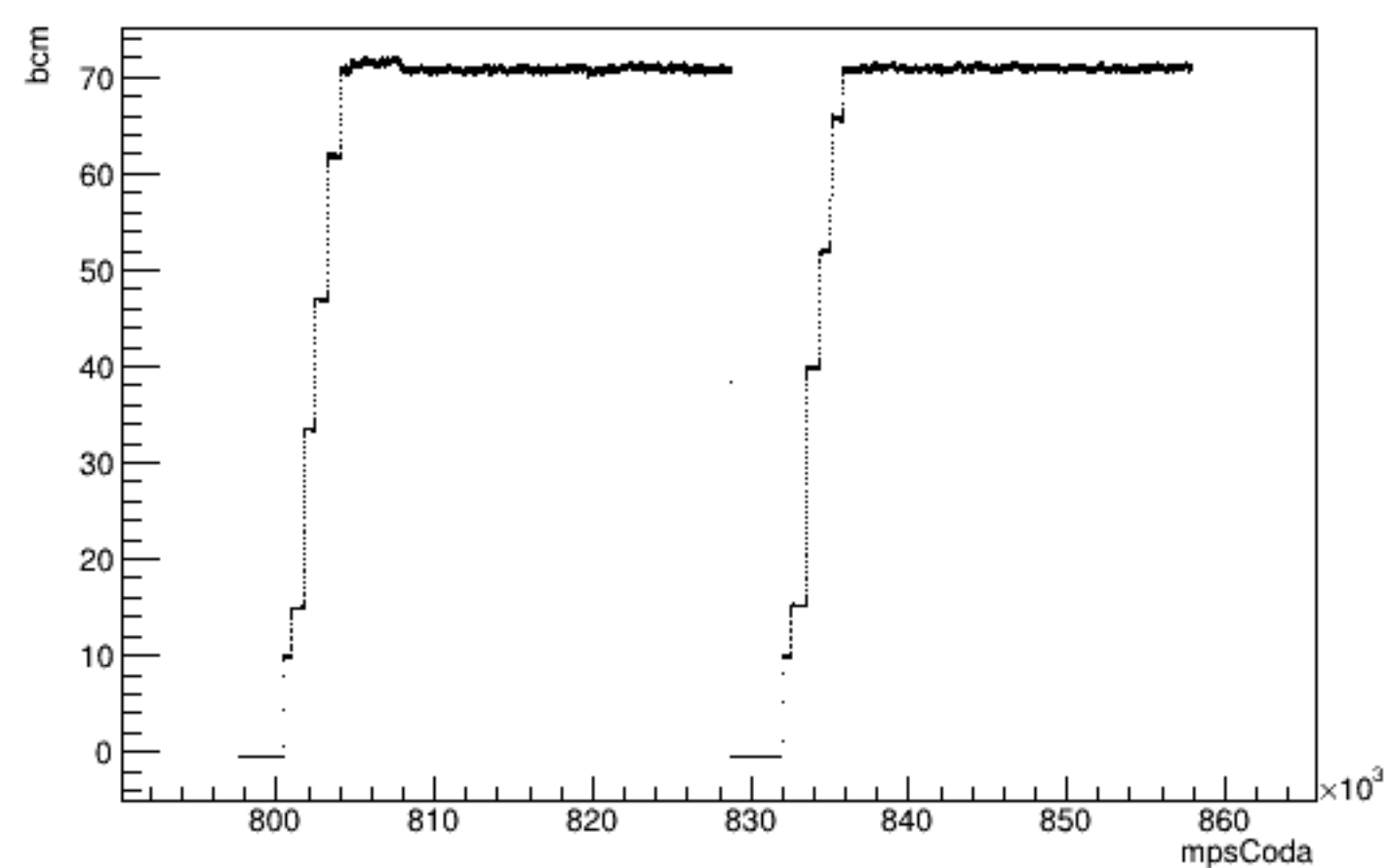
beamState + 1:mpsCoda {mpsCoda>=797656 && mpsCoda<=857879}



cavPowerCalibrated:mpsCoda {mpsCoda>=797656 && mpsCoda<=857879}



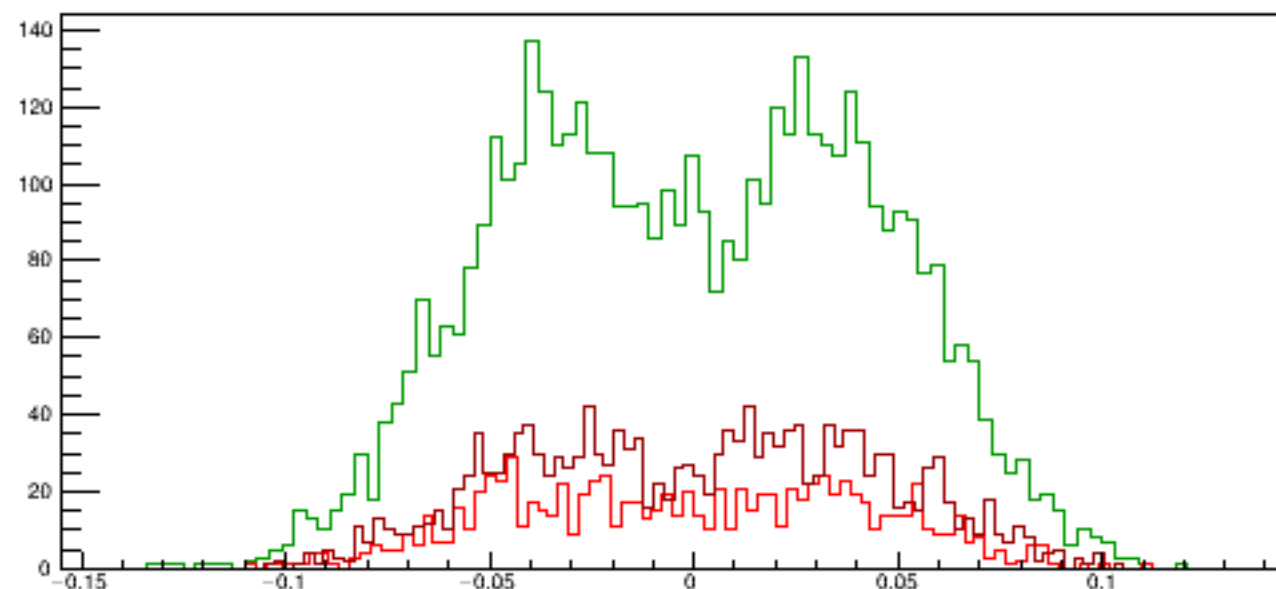
bcm:mpsCoda {mpsCoda>=797656 && mpsCoda<=857879}



Cycle 12, Diffs

Entries: 943	Entries: 4850	Entries: 1654
Mean: -0.0014 +/- 0.0014	Mean: -0.0006 +/- 0.0006	Mean: 0.0004 +/- 0.0010
Std Dev: 0.0429 +/- 0.0010	Std Dev: 0.0441 +/- 0.0004	Std Dev: 0.0426 +/- 0.0007

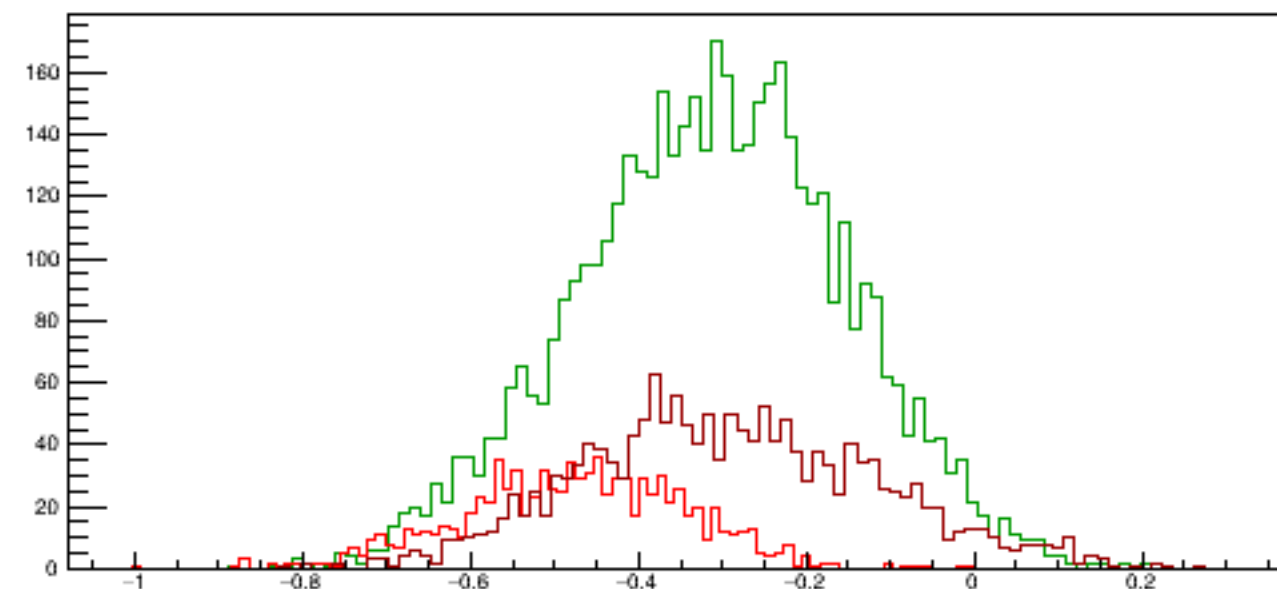
Run 4496 quartetwise, Diffs



Cycle 12, Sums

Entries: 943	Entries: 4850	Entries: 1654
Mean: -0.4768 +/- 0.0044	Mean: -0.3126 +/- 0.0023	Mean: -0.2922 +/- 0.0043
Std Dev: 0.1365 +/- 0.0031	Std Dev: 0.1601 +/- 0.0016	Std Dev: 0.1759 +/- 0.0031

Run 4496 quartetwise, Sums

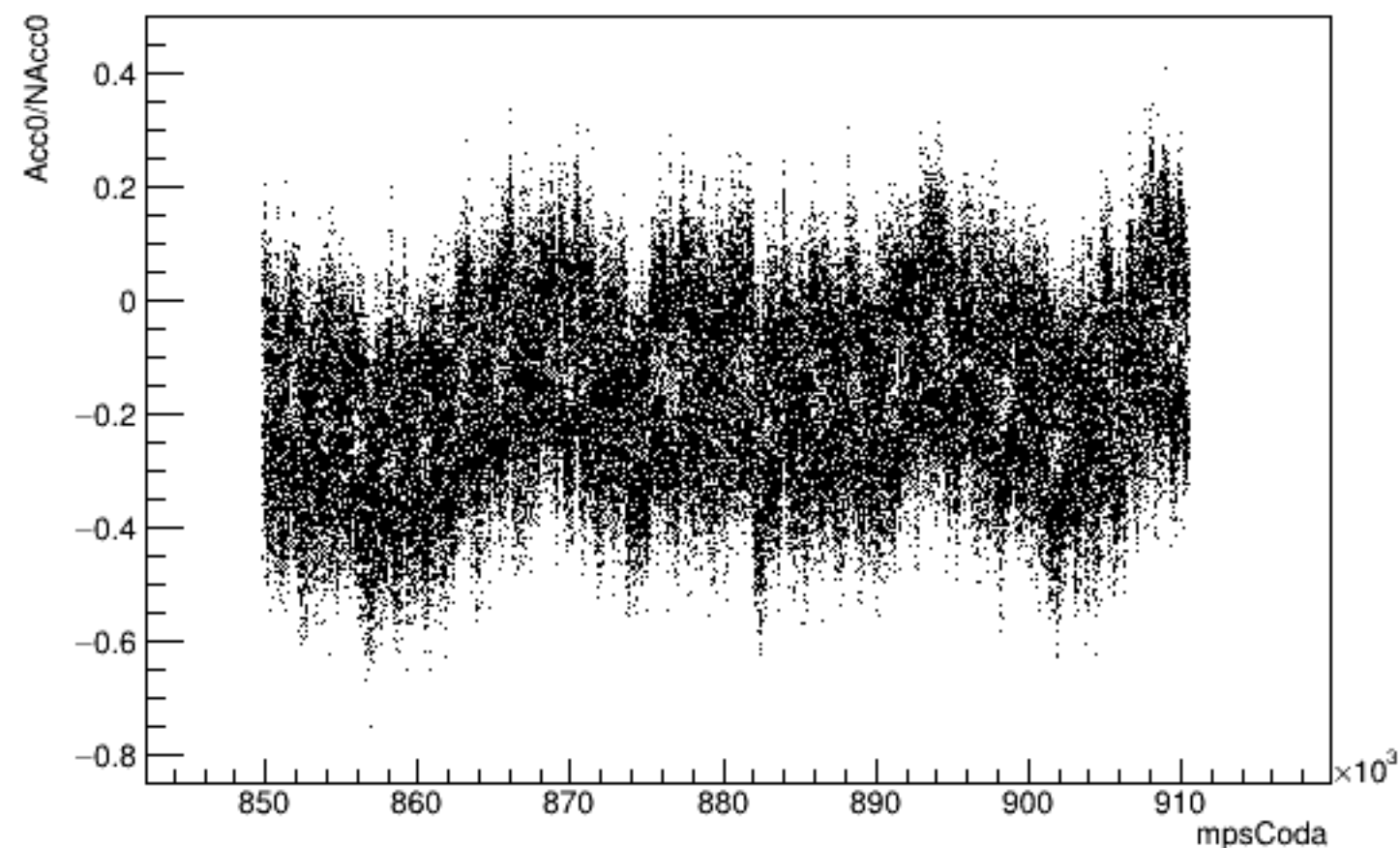
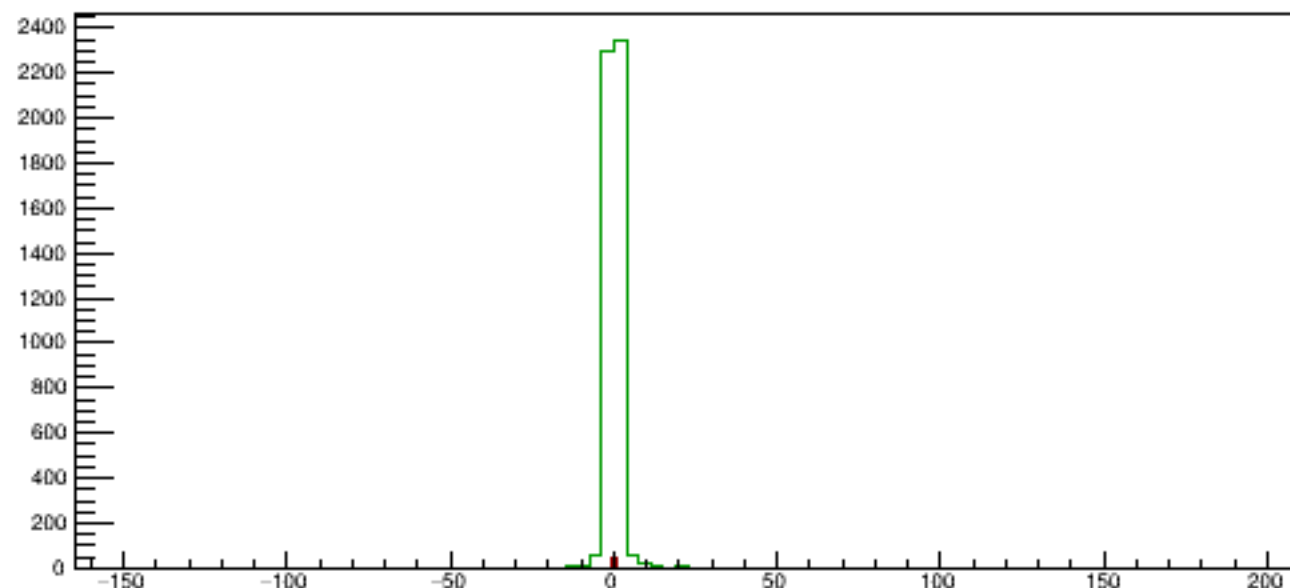


Acc0/NAcc0:mpsCoda (mpsCoda>=849832 && mpsCoda<=910487 && beamState==1)

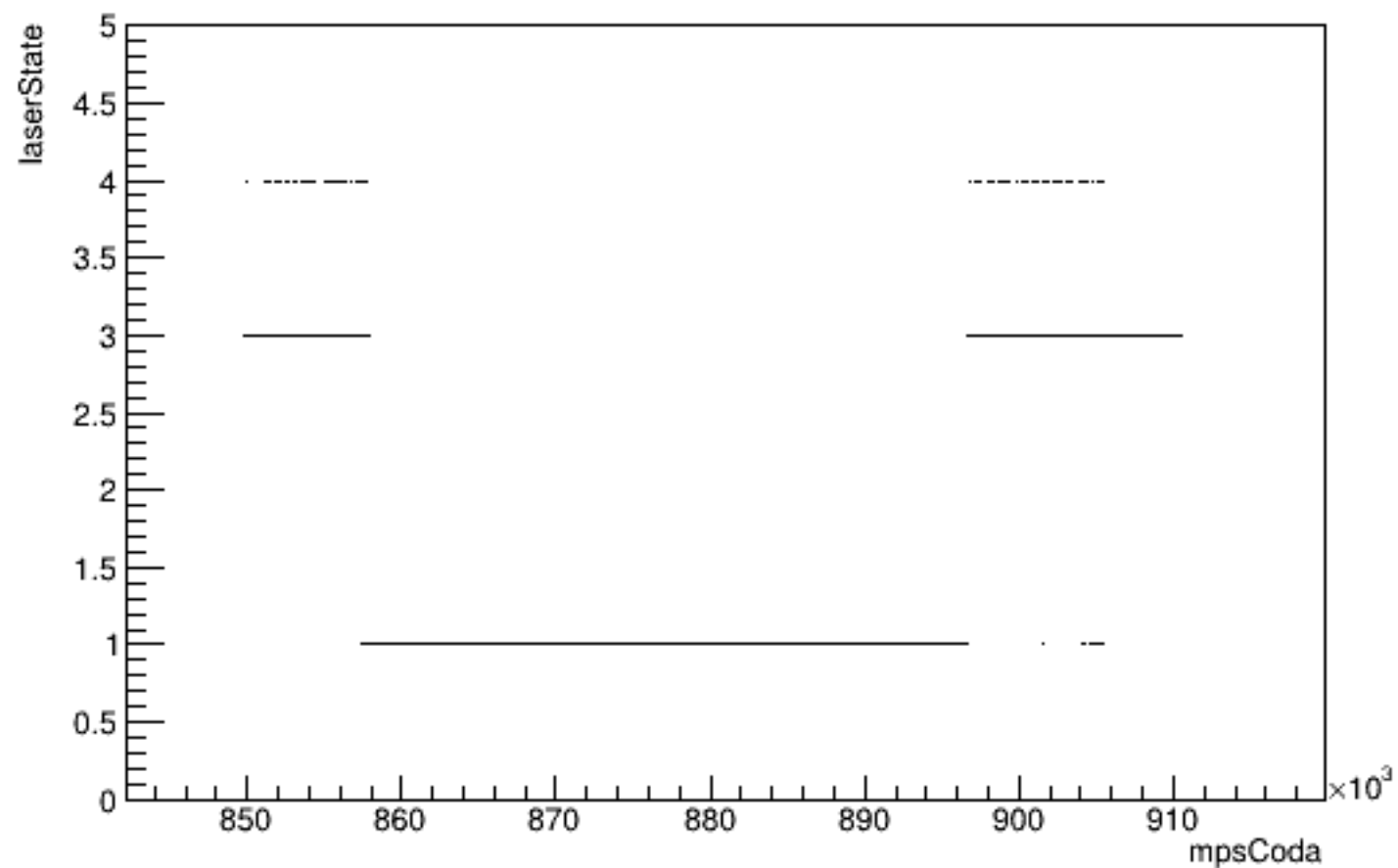
Cycle 12, Asyms

Entries: 943	Entries: 4850	Entries: 1654
Mean: -0.0202 +/- 0.0194	Mean: 0.0831 +/- 0.0831	Mean: 0.0052 +/- 0.0146
Std Dev: 0.5972 +/- 0.0138	Std Dev: 5.7856 +/- 0.0587	Std Dev: 0.5928 +/- 0.0103

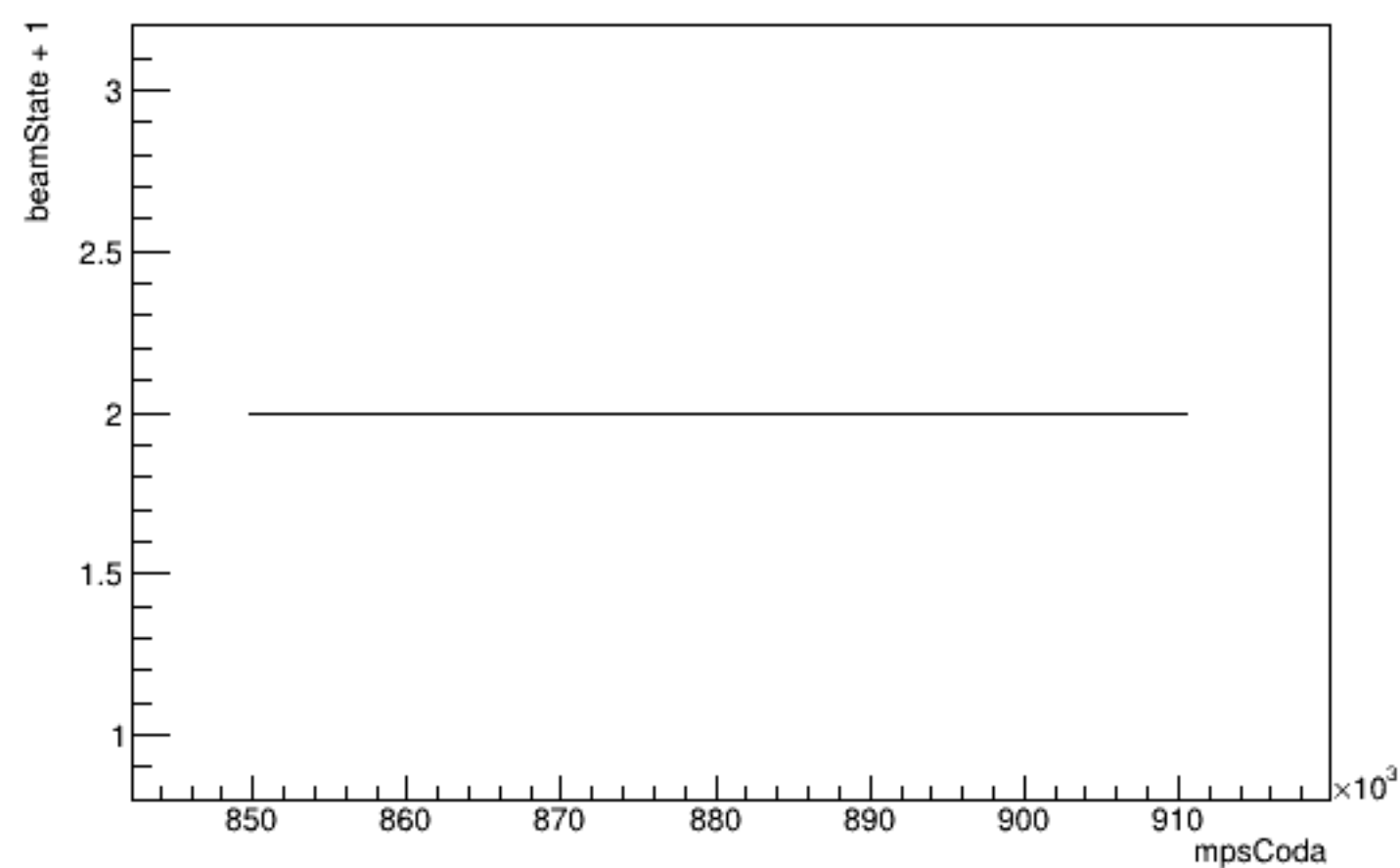
Run 4496 quartetwise, Asyms



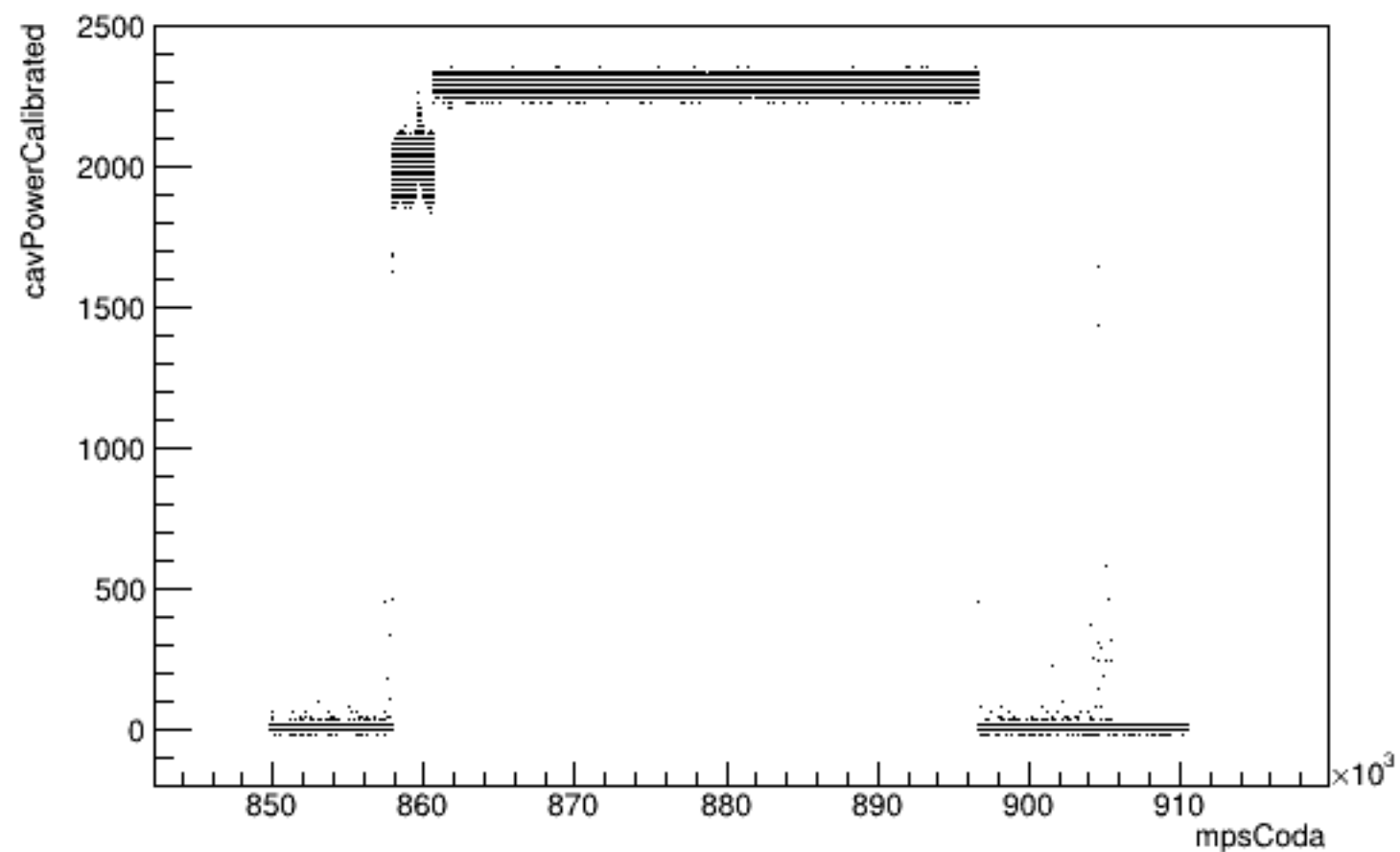
laserState:mpsCoda {mpsCoda>=849832 && mpsCoda<=910487}



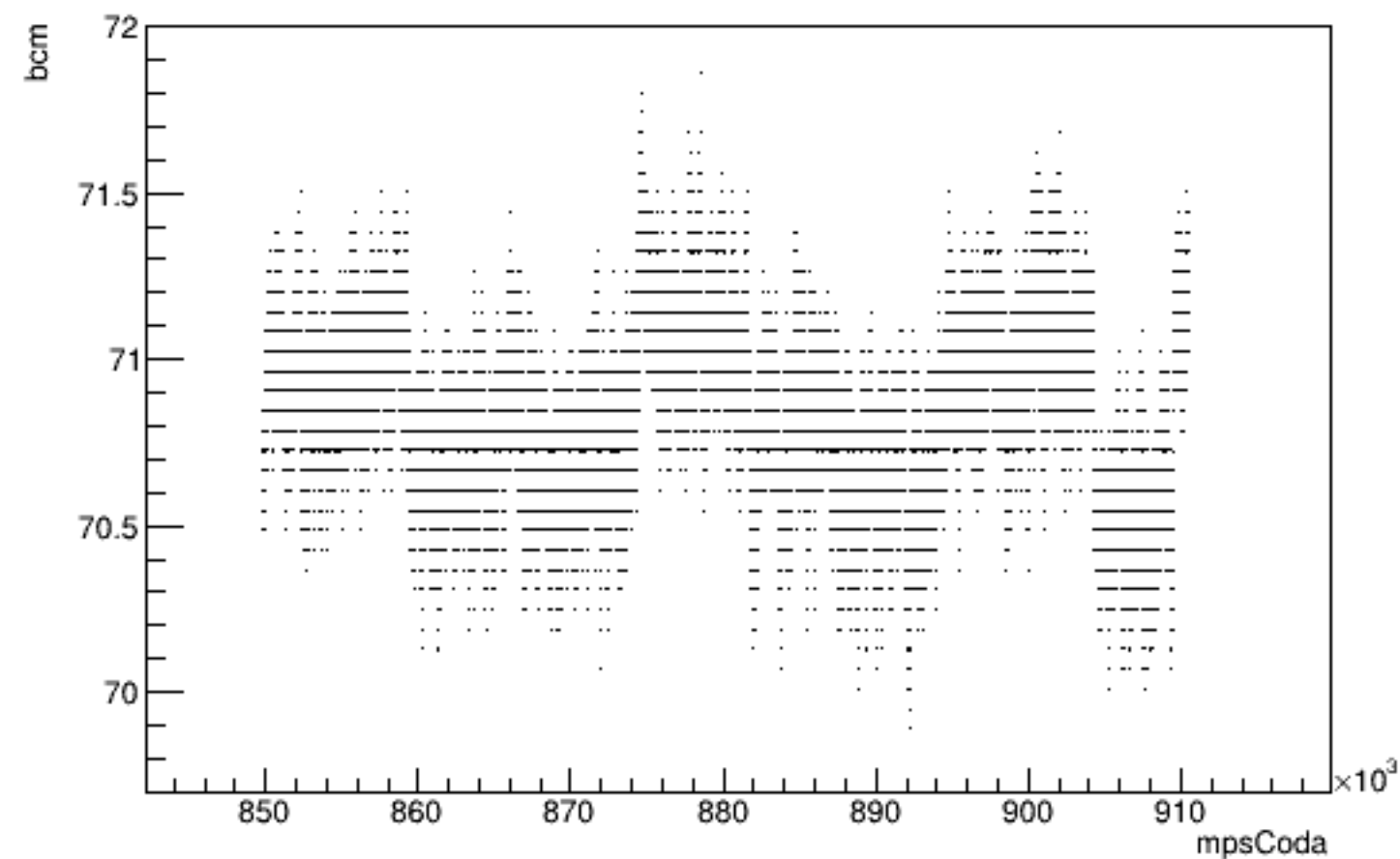
beamState + 1:mpsCoda {mpsCoda>=849832 && mpsCoda<=910487}



cavPowerCalibrated:mpsCoda {mpsCoda>=849832 && mpsCoda<=910487}



bcm:mpsCoda {mpsCoda>=849832 && mpsCoda<=910487}



Cycle 13, Diffs

Entries: 1654

Mean: 0.0004 +/- 0.0010

Std Dev: 0.0426 +/- 0.0007

Entries: 4735

Mean: -0.0008 +/- 0.0006

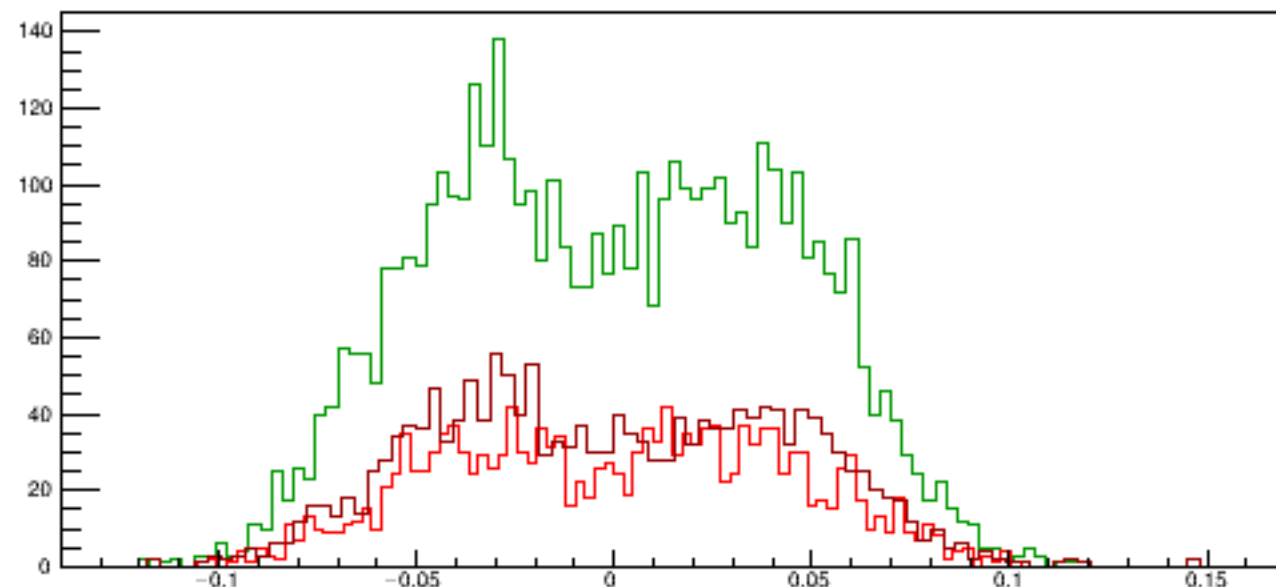
Std Dev: 0.0435 +/- 0.0004

Entries: 1720

Mean: -0.0005 +/- 0.0011

Std Dev: 0.0442 +/- 0.0008

Run 4496 quartetwise, Diffs



Cycle 13, Sums

Entries: 1654

Mean: -0.2922 +/- 0.0043

Std Dev: 0.1759 +/- 0.0031

Entries: 4735

Mean: -0.1079 +/- 0.0023

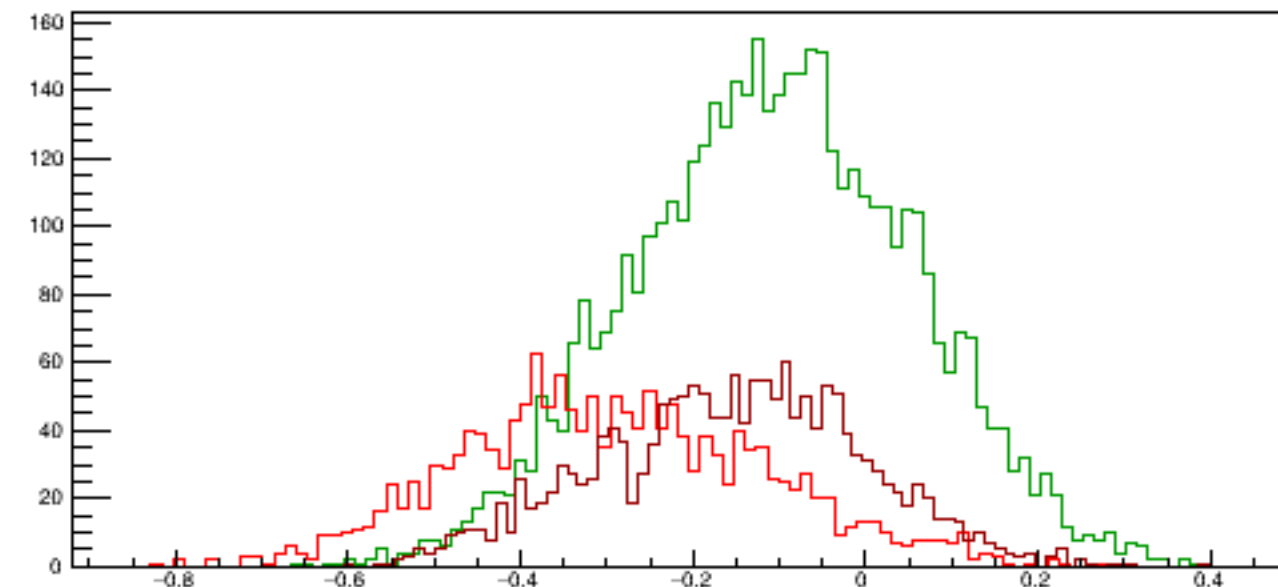
Std Dev: 0.1610 +/- 0.0017

Entries: 1720

Mean: -0.1569 +/- 0.0037

Std Dev: 0.1533 +/- 0.0026

Run 4496 quartetwise, Sums



Cycle 13, Asyms

Entries: 1654

Mean: 0.0032 +/- 0.0090

Std Dev: 0.3649 +/- 0.0063

Entries: 4735

Mean: 0.3528 +/- 0.2746

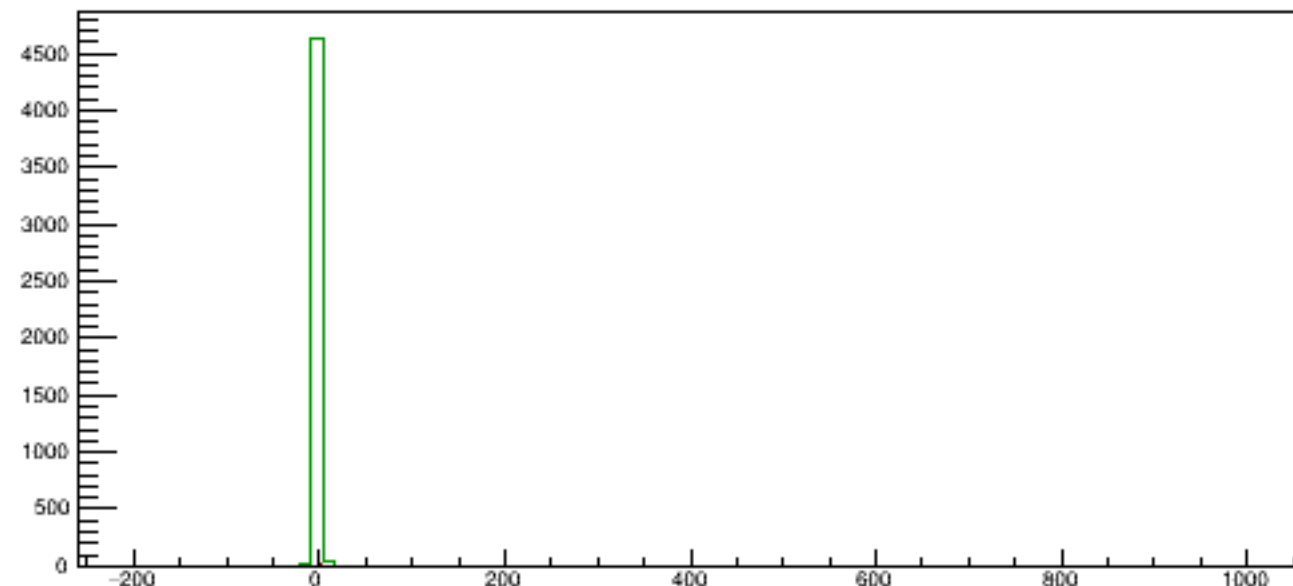
Std Dev: 18.8968 +/- 0.1942

Entries: 1720

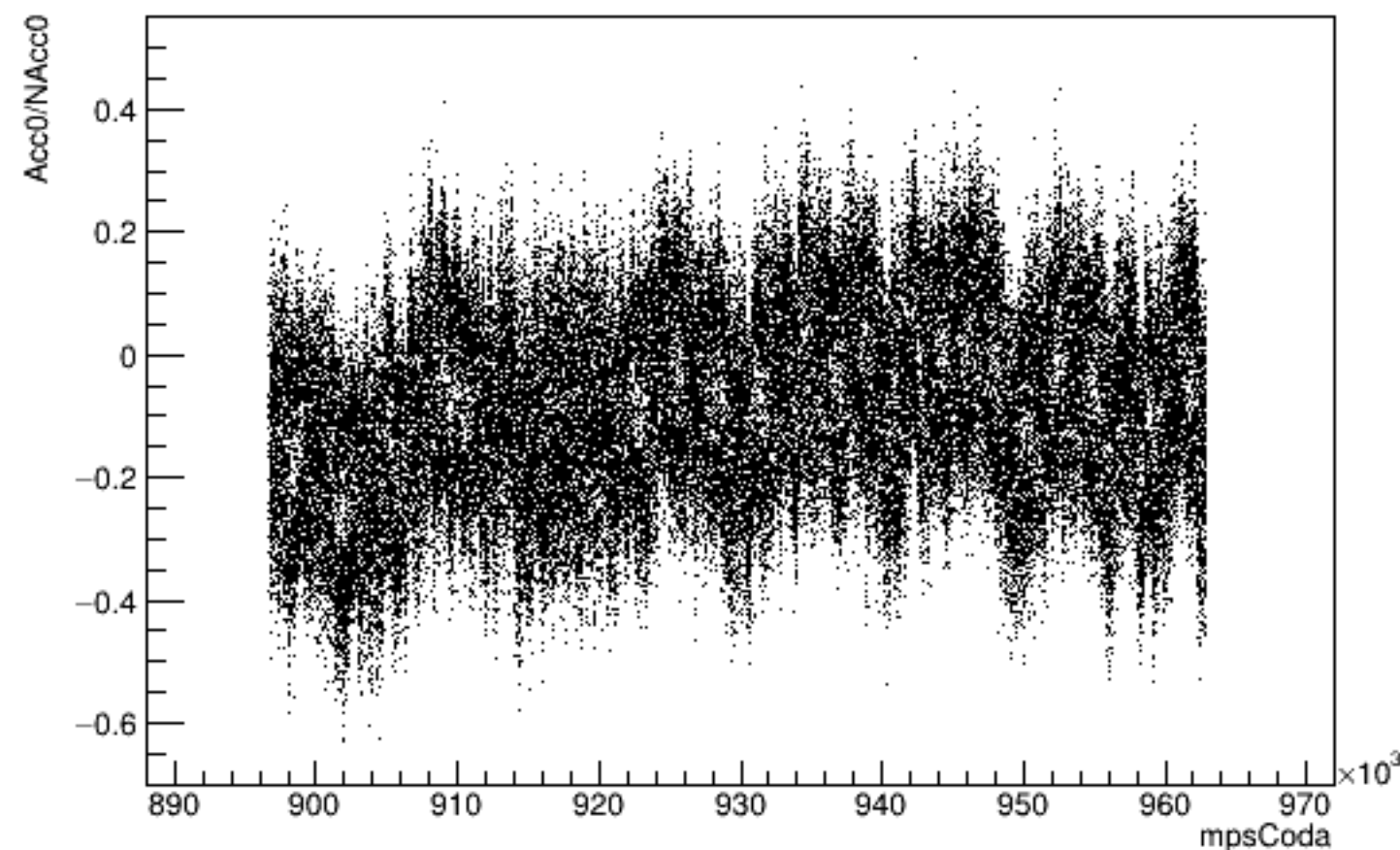
Mean: -0.0045 +/- 0.0091

Std Dev: 0.3785 +/- 0.0065

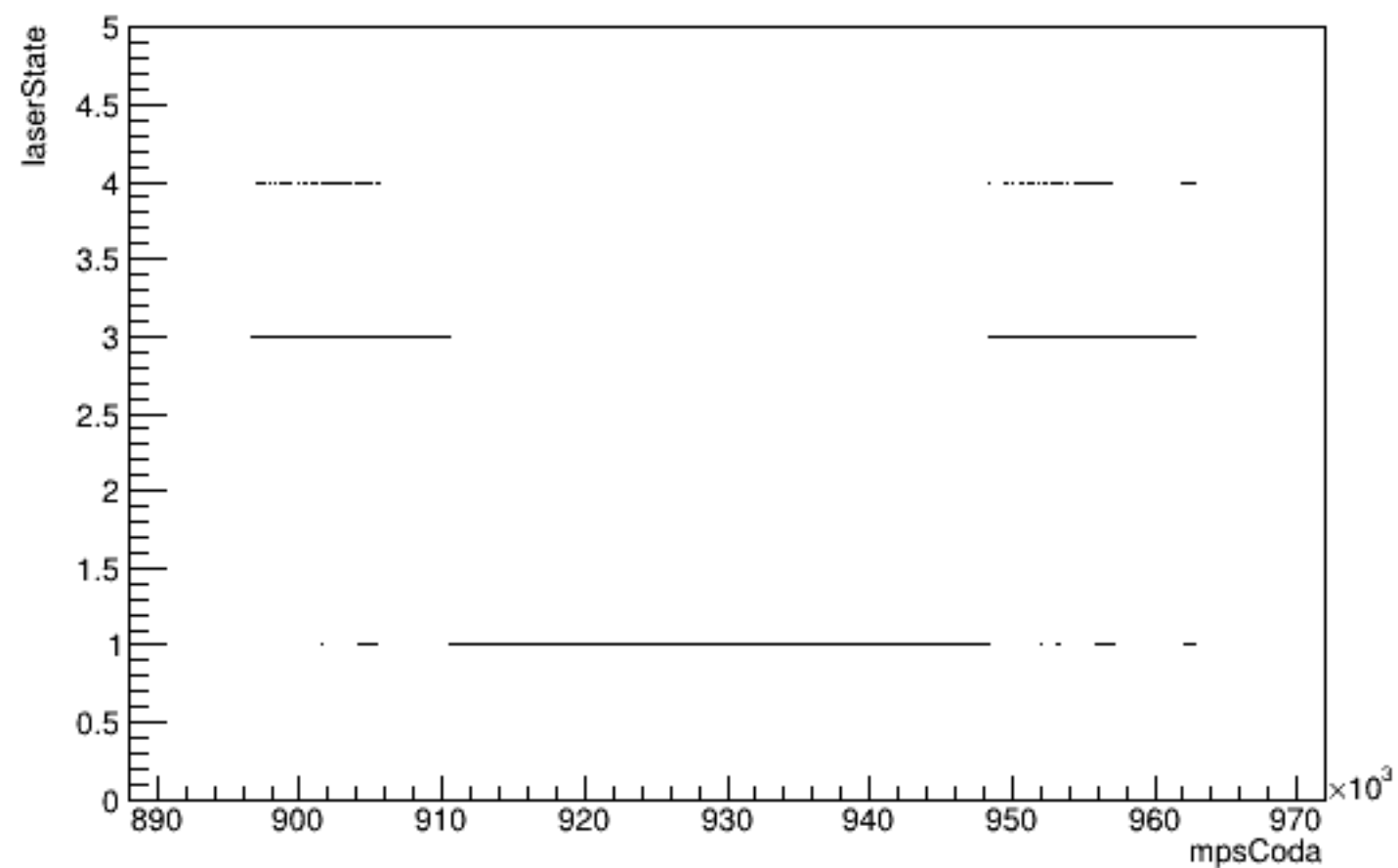
Run 4496 quartetwise, Asyms



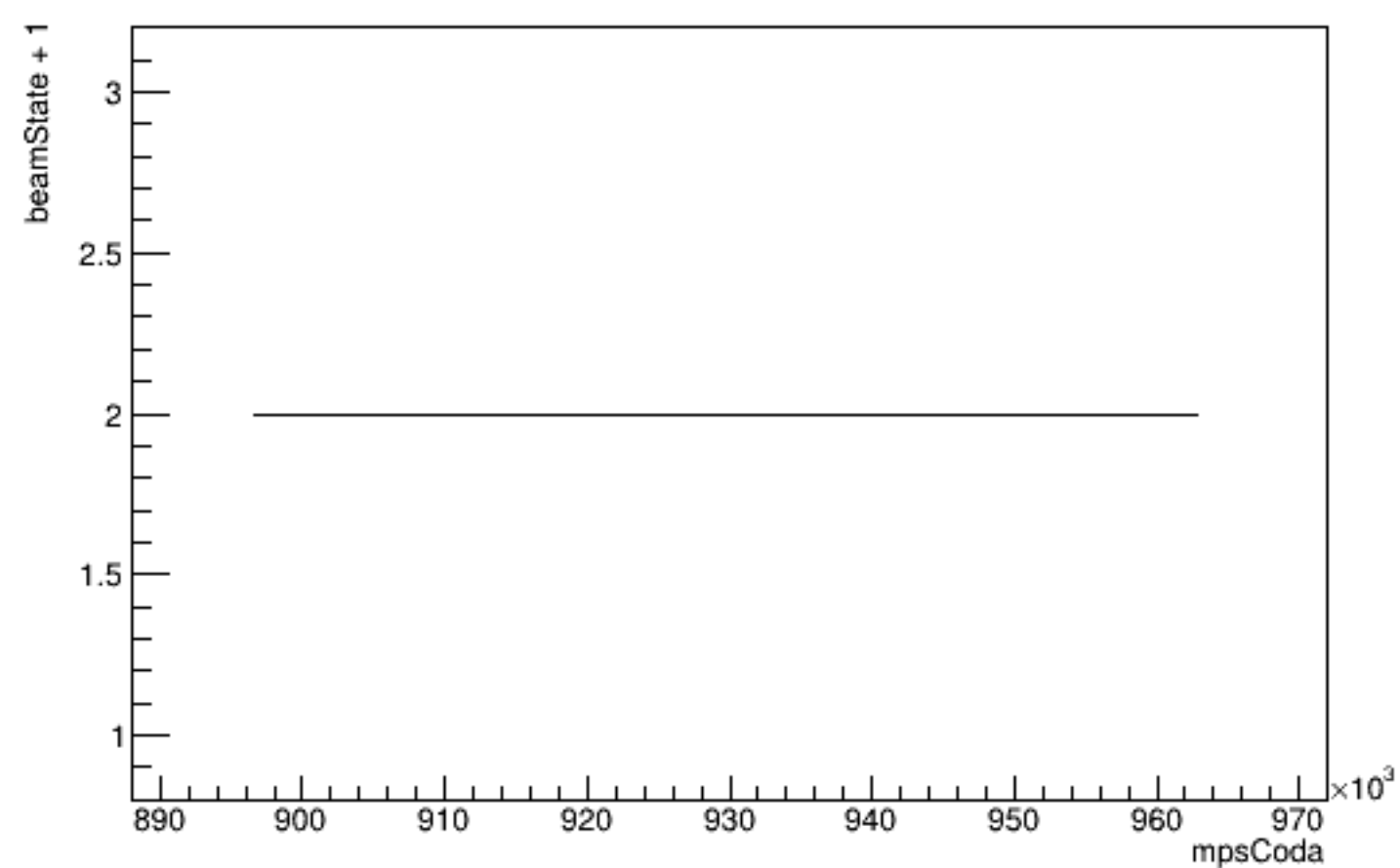
Acc0/NAcc0:mpsCoda (mpsCoda>=896688 && mpsCoda<=962919 && beamState==1)



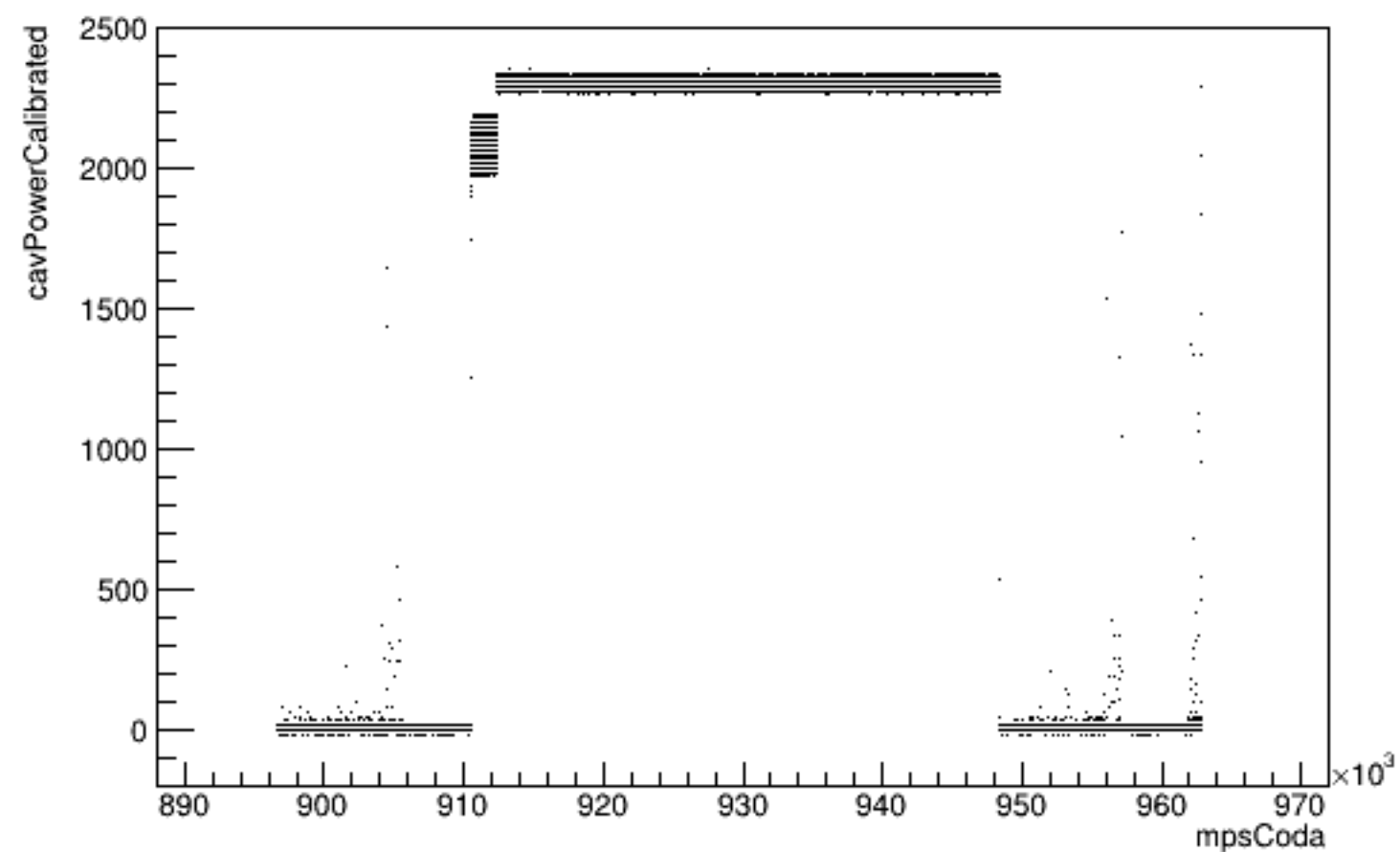
laserState:mpsCoda {mpsCoda>=896688 && mpsCoda<=962919}



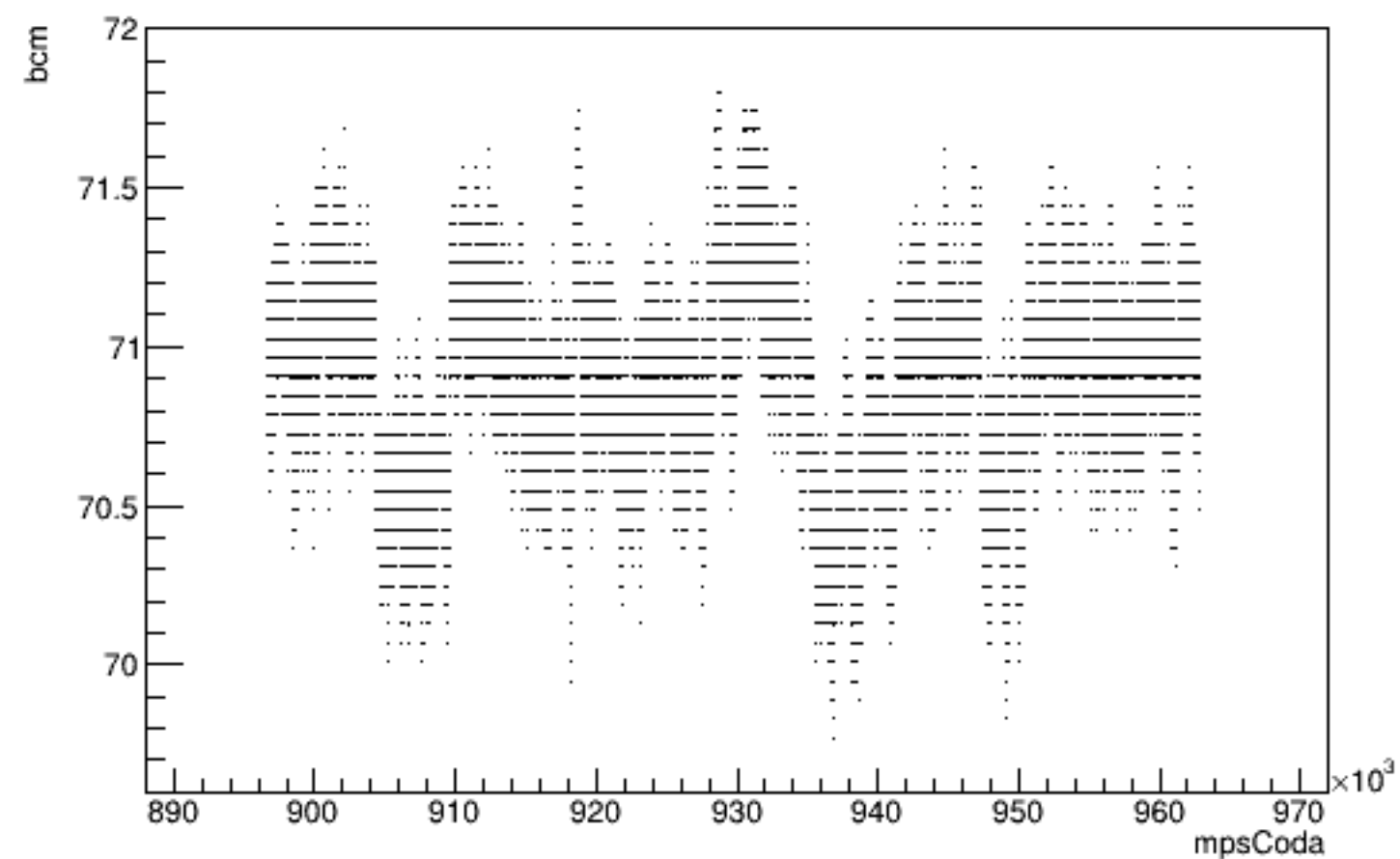
beamState + 1:mpsCoda {mpsCoda>=896688 && mpsCoda<=962919}



cavPowerCalibrated:mpsCoda {mpsCoda>=896688 && mpsCoda<=962919}



bcm:mpsCoda {mpsCoda>=896688 && mpsCoda<=962919}



Cycle 14, Diffs

Entries: 1720

Mean: -0.0005 +/- 0.0011

Std Dev: 0.0442 +/- 0.0008

Entries: 982

Mean: -0.0021 +/- 0.0014

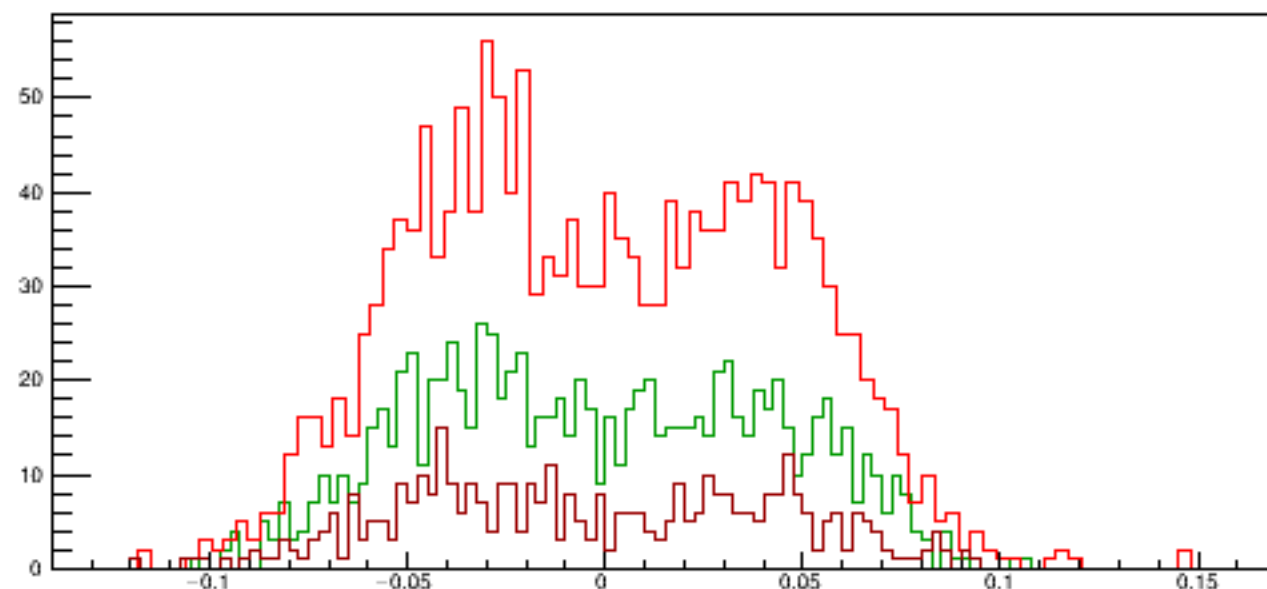
Std Dev: 0.0434 +/- 0.0010

Entries: 397

Mean: -0.0031 +/- 0.0023

Std Dev: 0.0454 +/- 0.0016

Run 4496 quartetwise, Diffs



Cycle 14, Sums

Entries: 1720

Mean: -0.1569 +/- 0.0037

Std Dev: 0.1533 +/- 0.0026

Entries: 982

Mean: -0.1261 +/- 0.0046

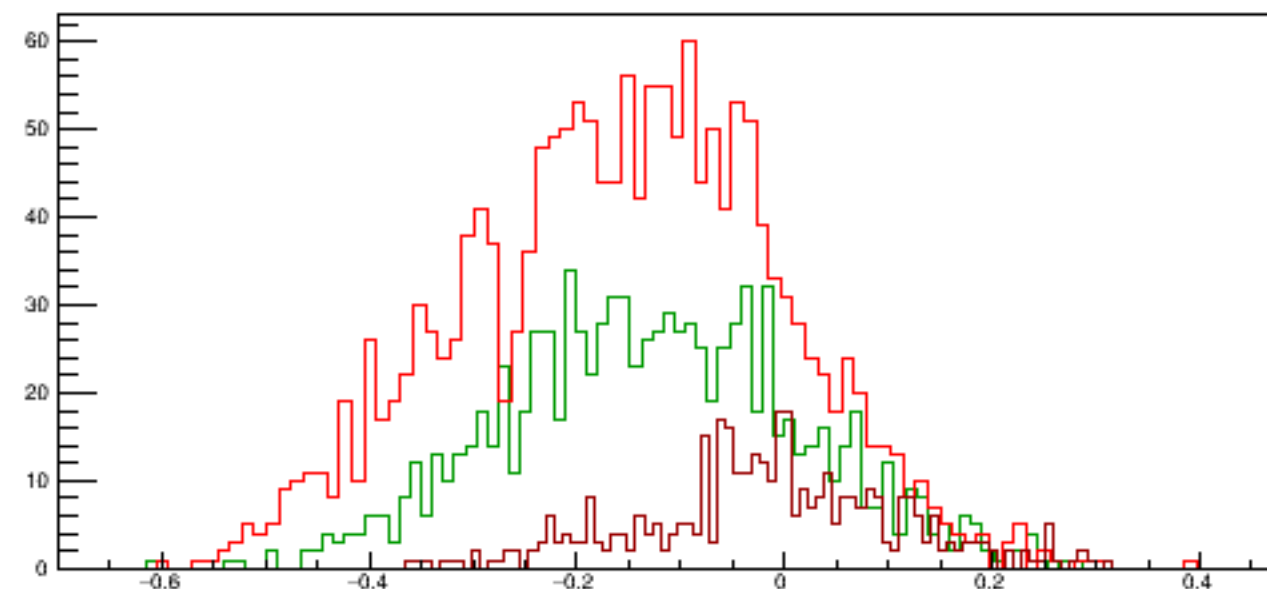
Std Dev: 0.1441 +/- 0.0033

Entries: 397

Mean: -0.0150 +/- 0.0063

Std Dev: 0.1257 +/- 0.0045

Run 4496 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=948376 && mpsCoda<=974167 && beamState==1)

Cycle 14, Asyms

Entries: 1720

Mean: 0.0132 +/- 0.0265

Std Dev: 1.1000 +/- 0.0188

Entries: 982

Mean: -1.2539 +/- 1.3107

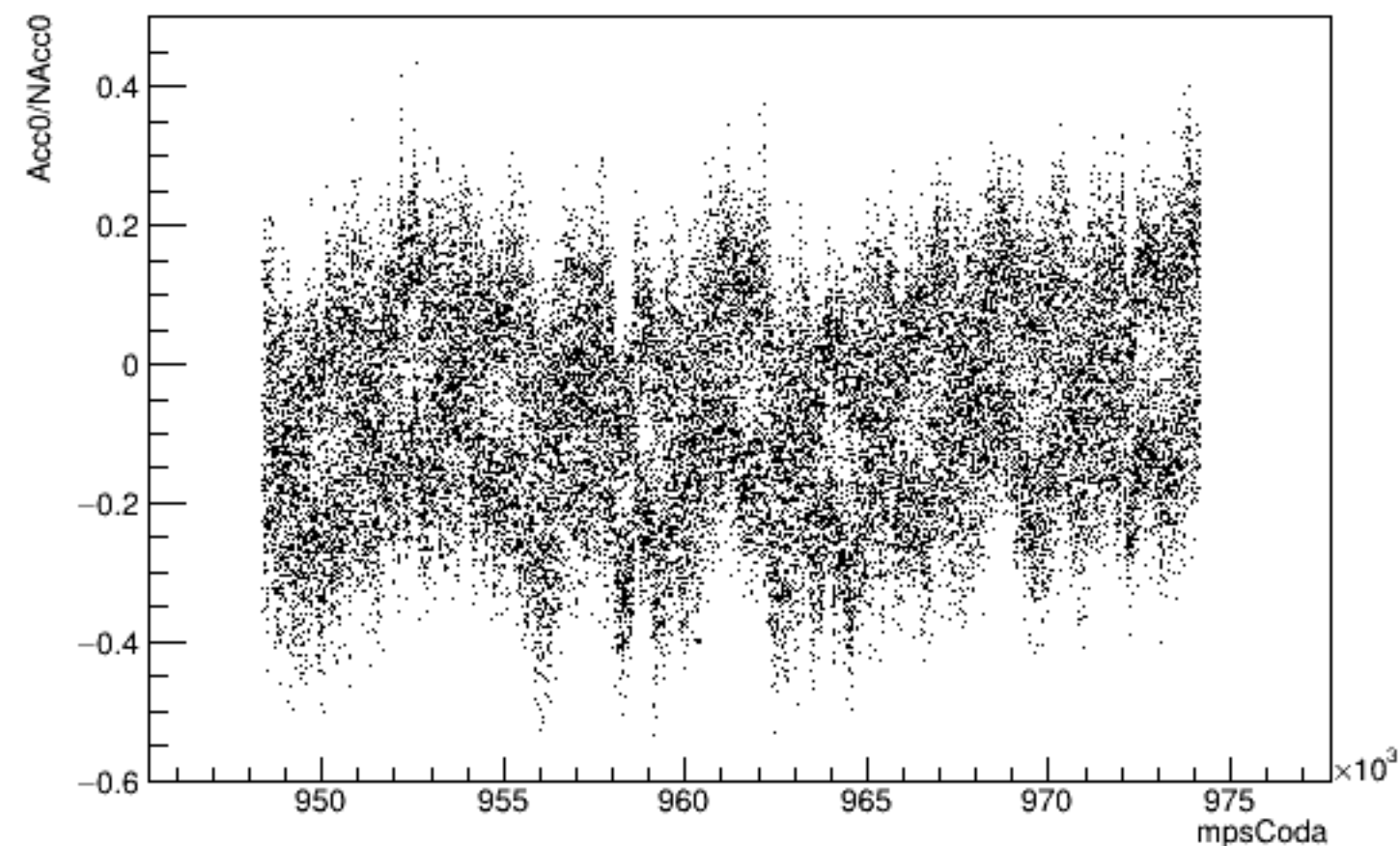
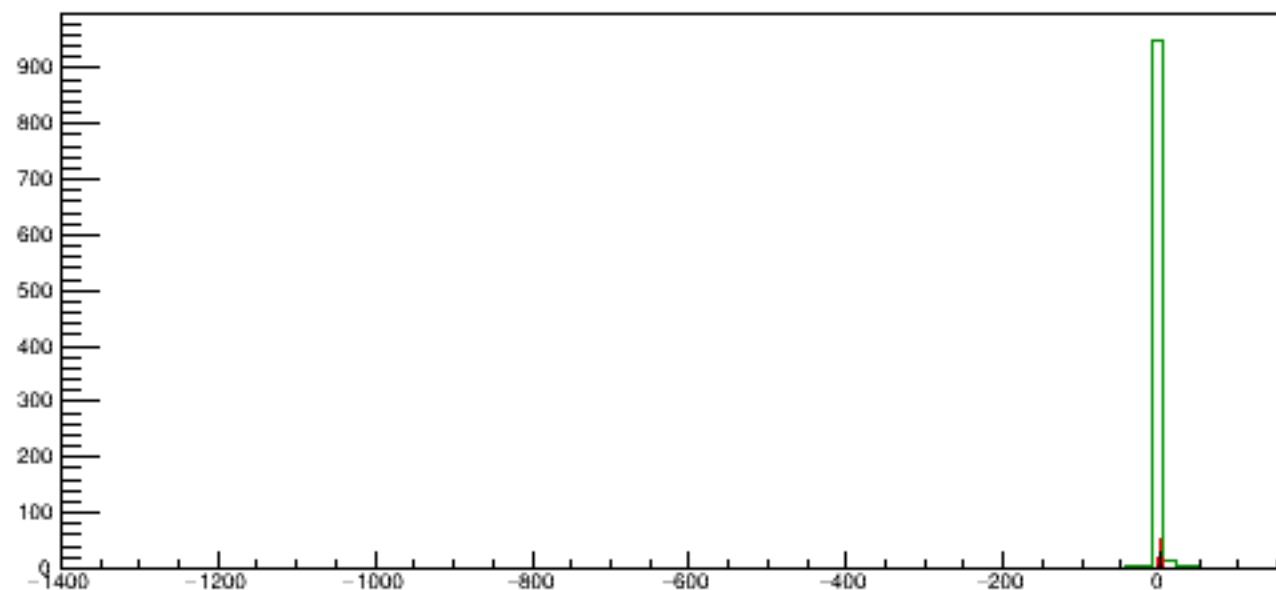
Std Dev: 41.0733 +/- 0.9268

Entries: 397

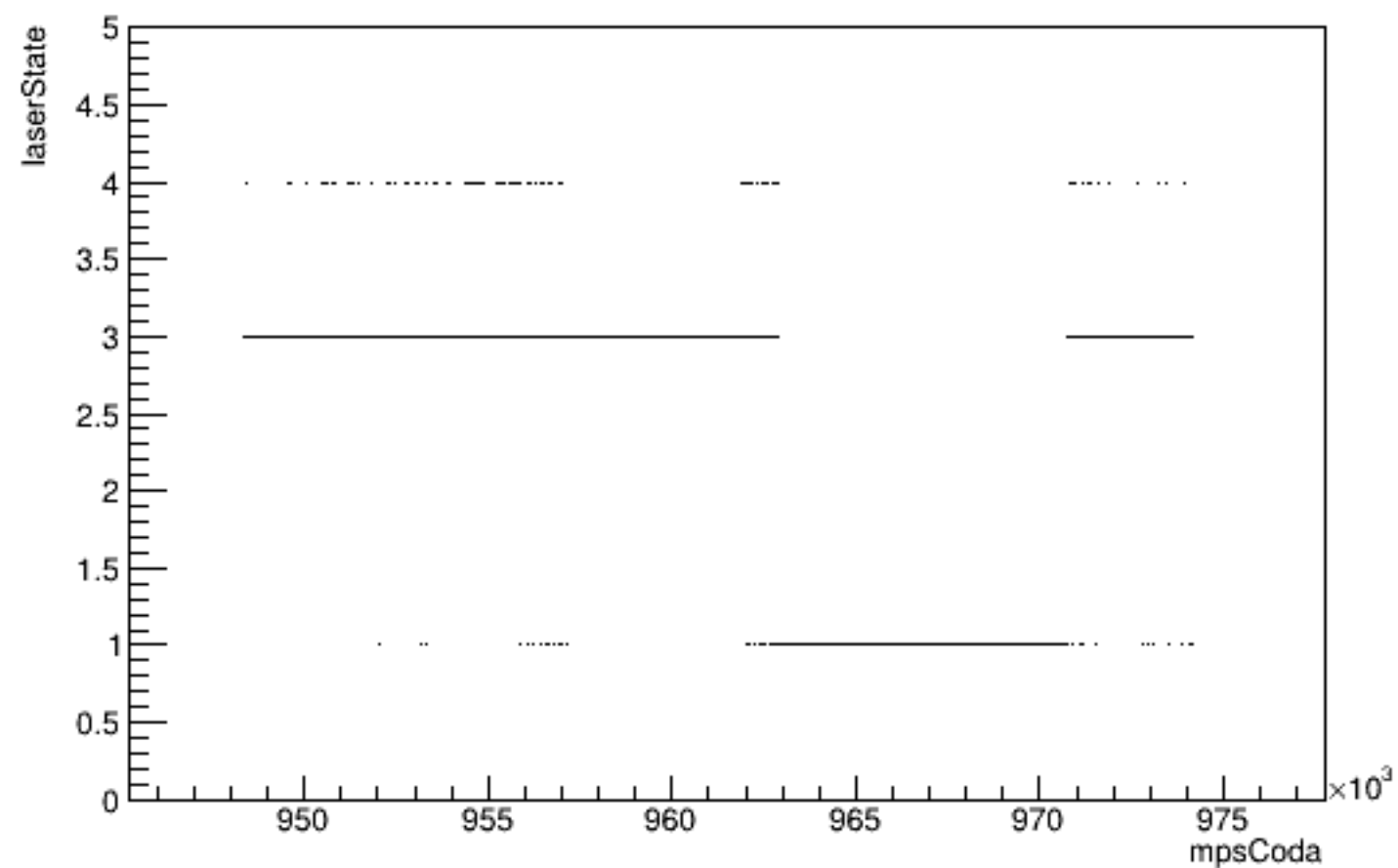
Mean: 0.0783 +/- 0.0568

Std Dev: 1.1319 +/- 0.0402

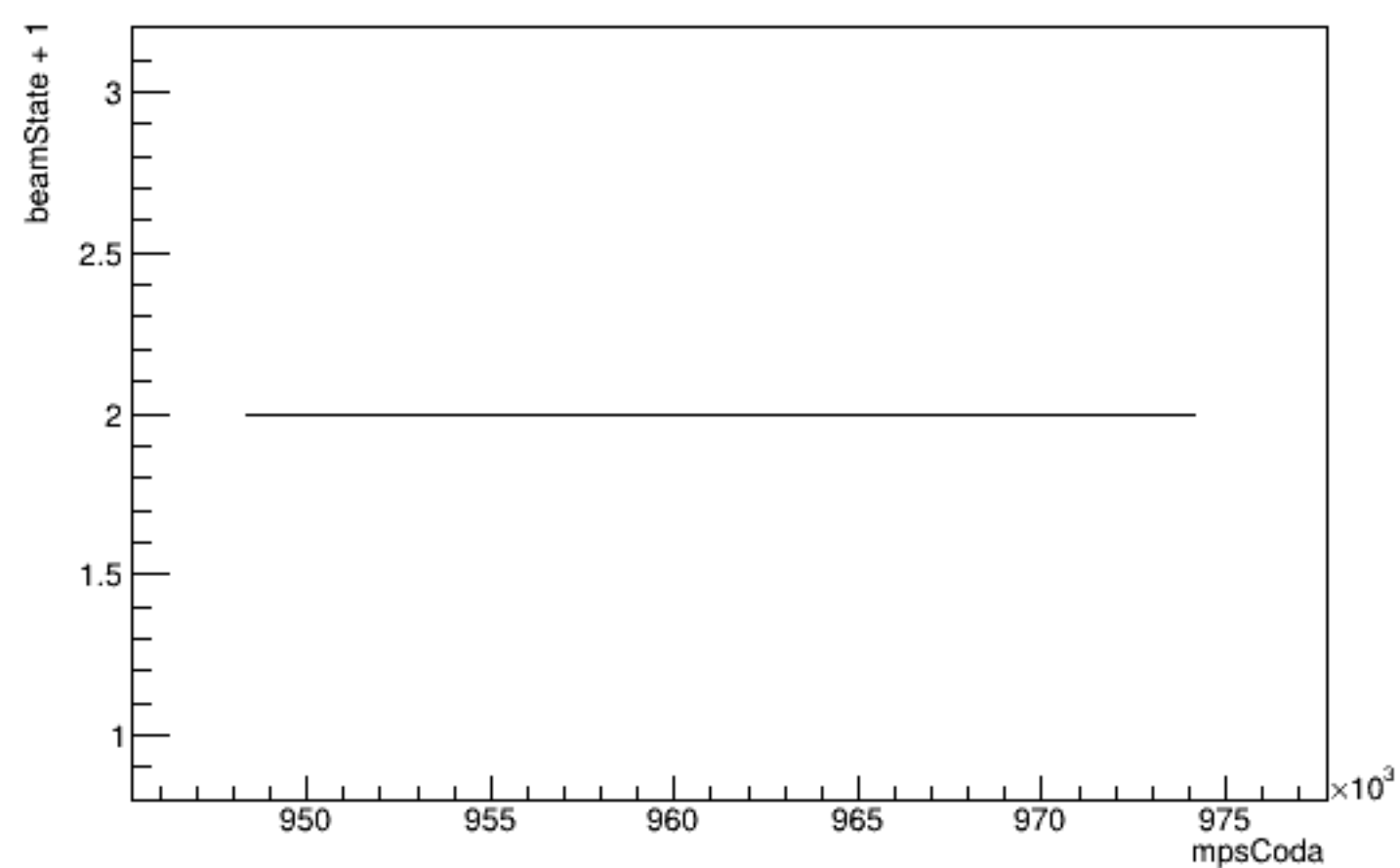
Run 4496 quartetwise, Asyms



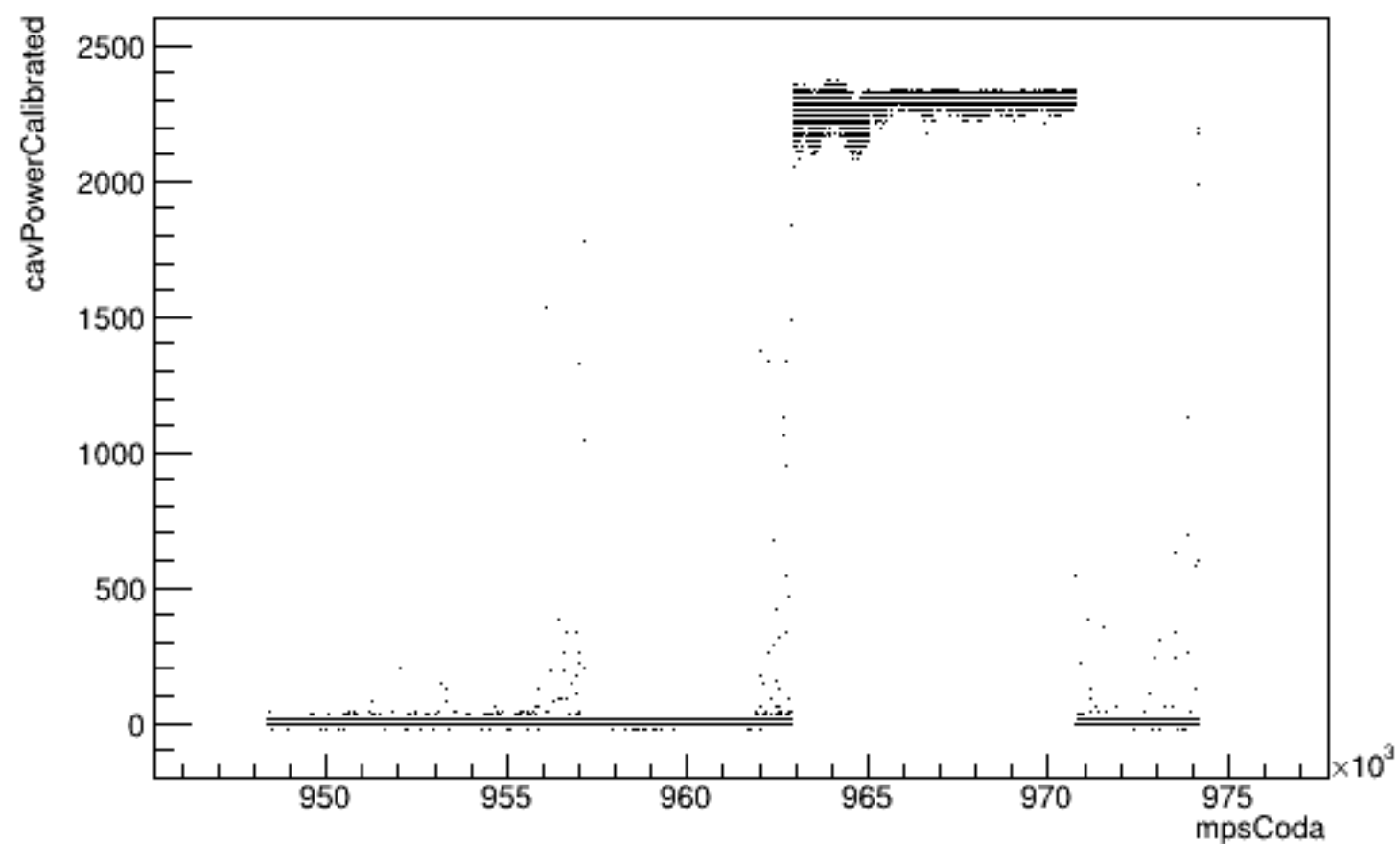
laserState:mpsCoda {mpsCoda>=948376 && mpsCoda<=974167}



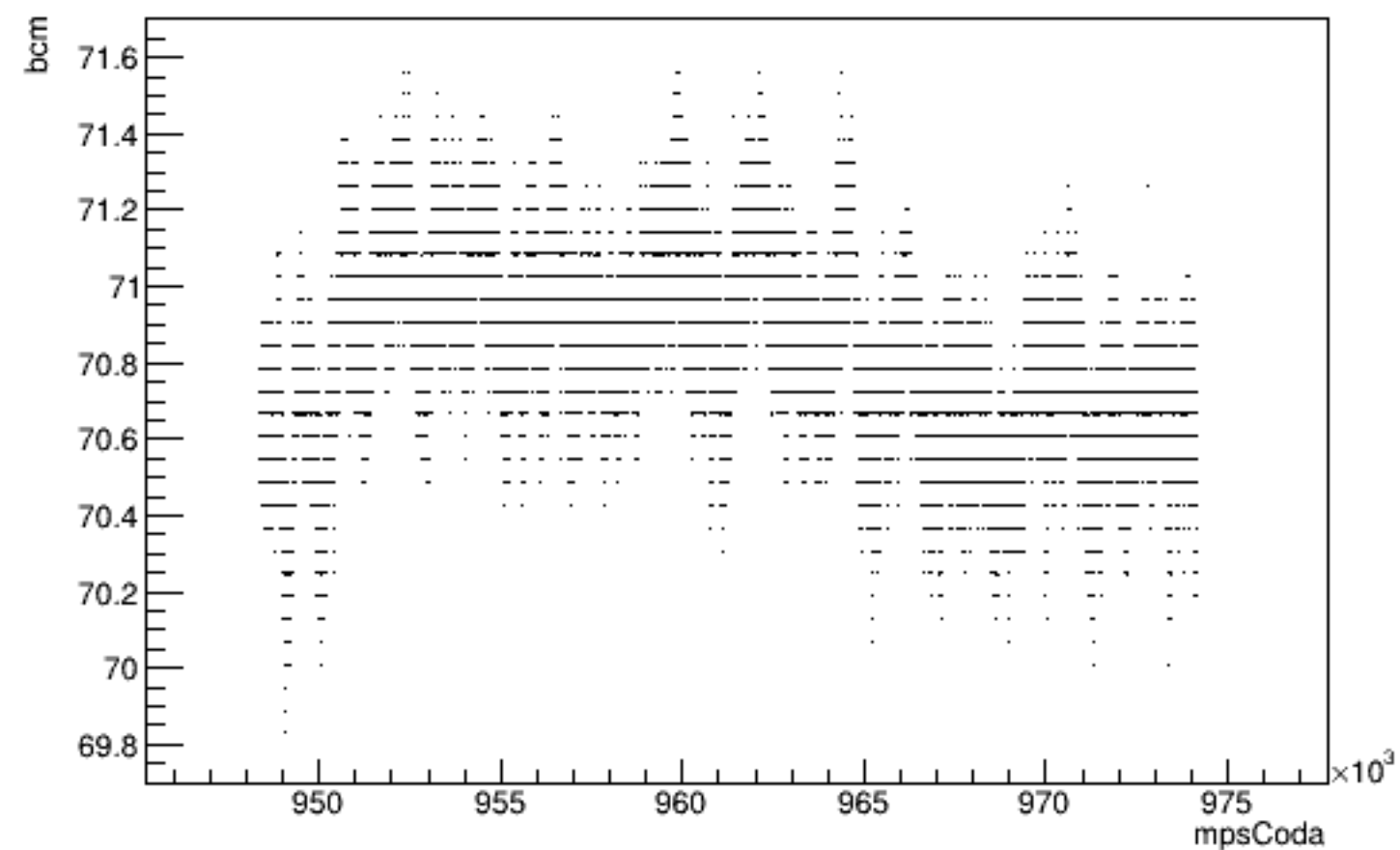
beamState + 1:mpsCoda {mpsCoda>=948376 && mpsCoda<=974167}



cavPowerCalibrated:mpsCoda {mpsCoda>=948376 && mpsCoda<=974167}



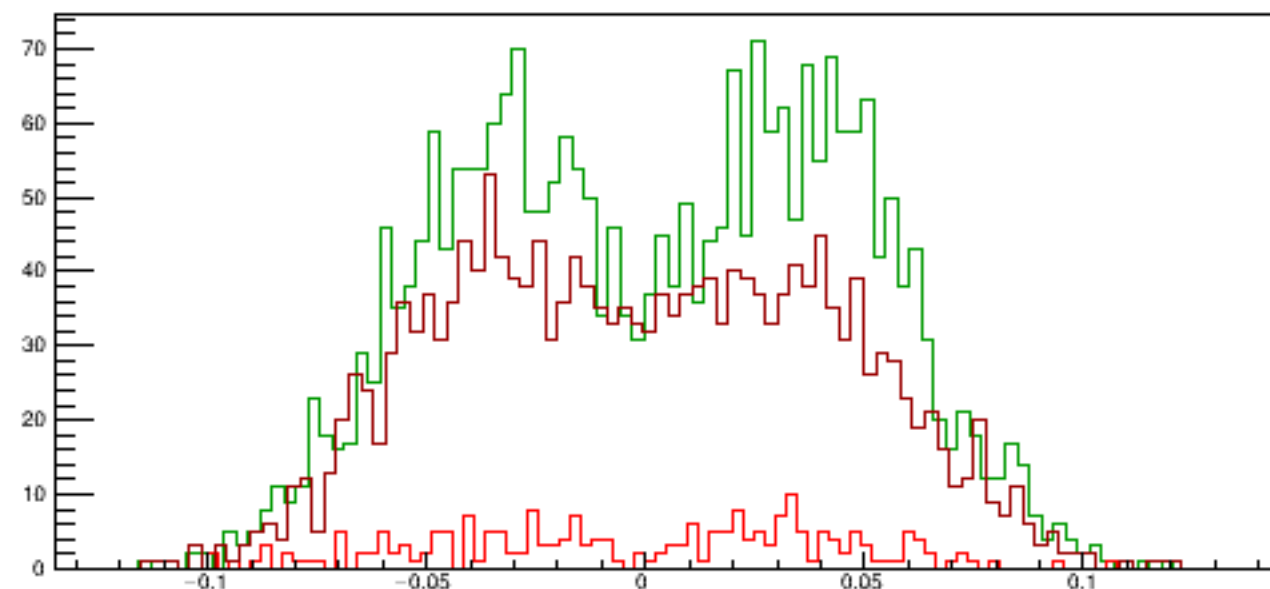
bcm:mpsCoda {mpsCoda>=948376 && mpsCoda<=974167}



Cycle 15, Diffs

Entries: 214	Entries: 2643	Entries: 1861
Mean: -0.0022 +/- 0.0030	Mean: 0.0023 +/- 0.0009	Mean: -0.0006 +/- 0.0010
Std Dev: 0.0439 +/- 0.0021	Std Dev: 0.0438 +/- 0.0006	Std Dev: 0.0435 +/- 0.0007

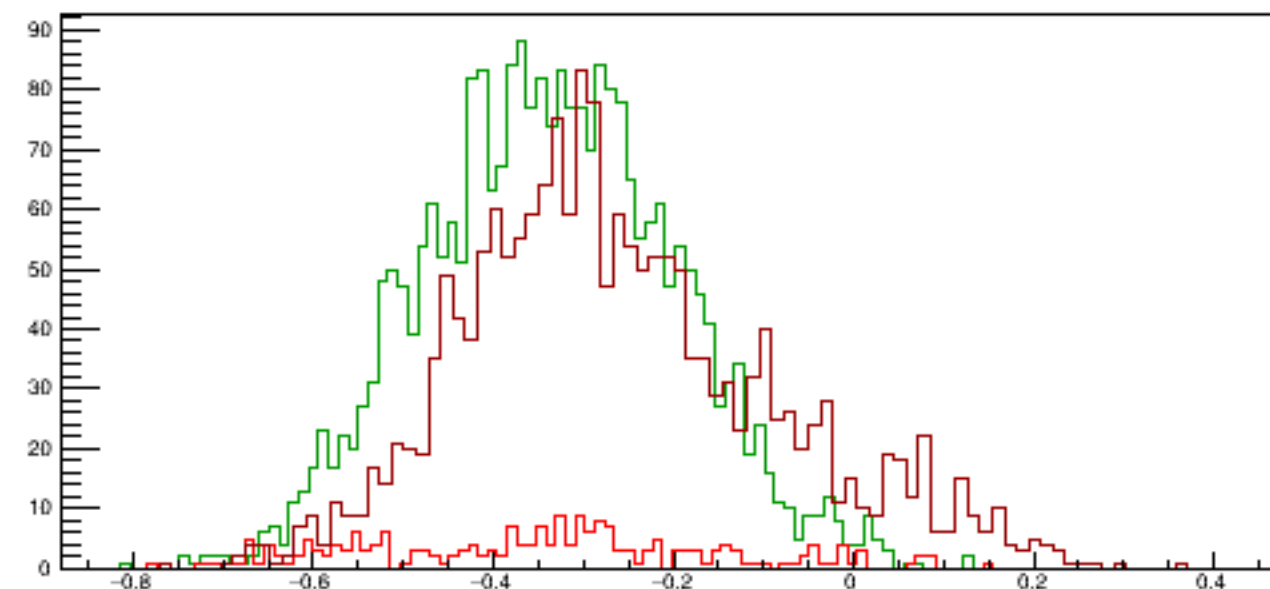
Run 4496 quartetwise, Diffs



Cycle 15, Sums

Entries: 214	Entries: 2643	Entries: 1861
Mean: -0.3502 +/- 0.0135	Mean: -0.3366 +/- 0.0027	Mean: -0.2602 +/- 0.0041
Std Dev: 0.1968 +/- 0.0095	Std Dev: 0.1387 +/- 0.0019	Std Dev: 0.1749 +/- 0.0029

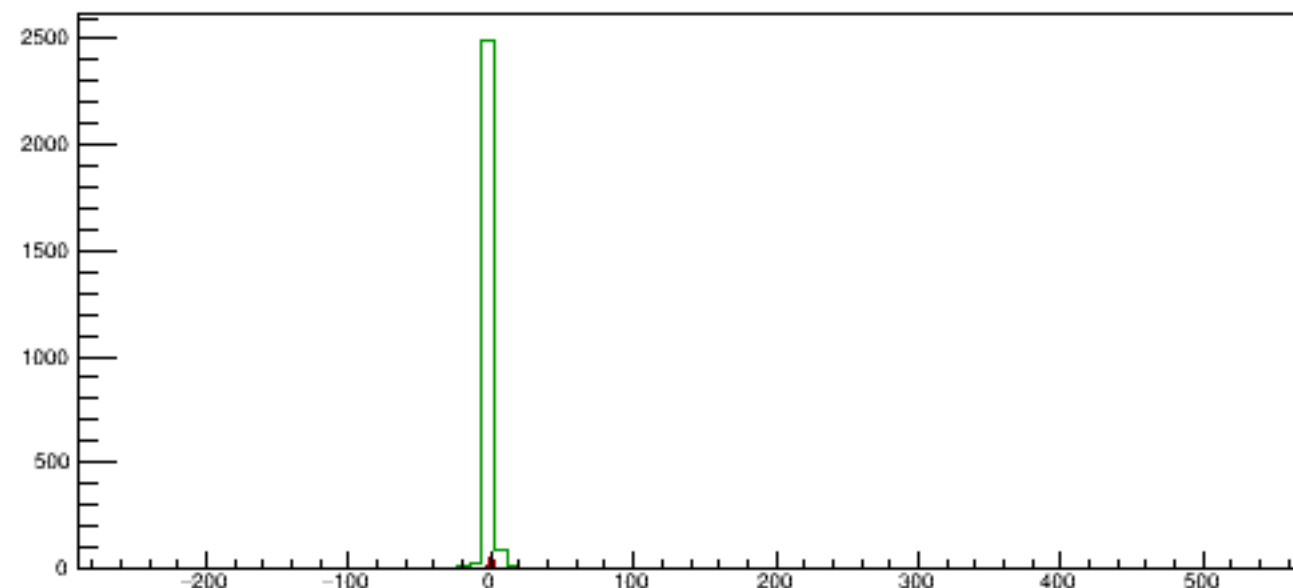
Run 4496 quartetwise, Sums



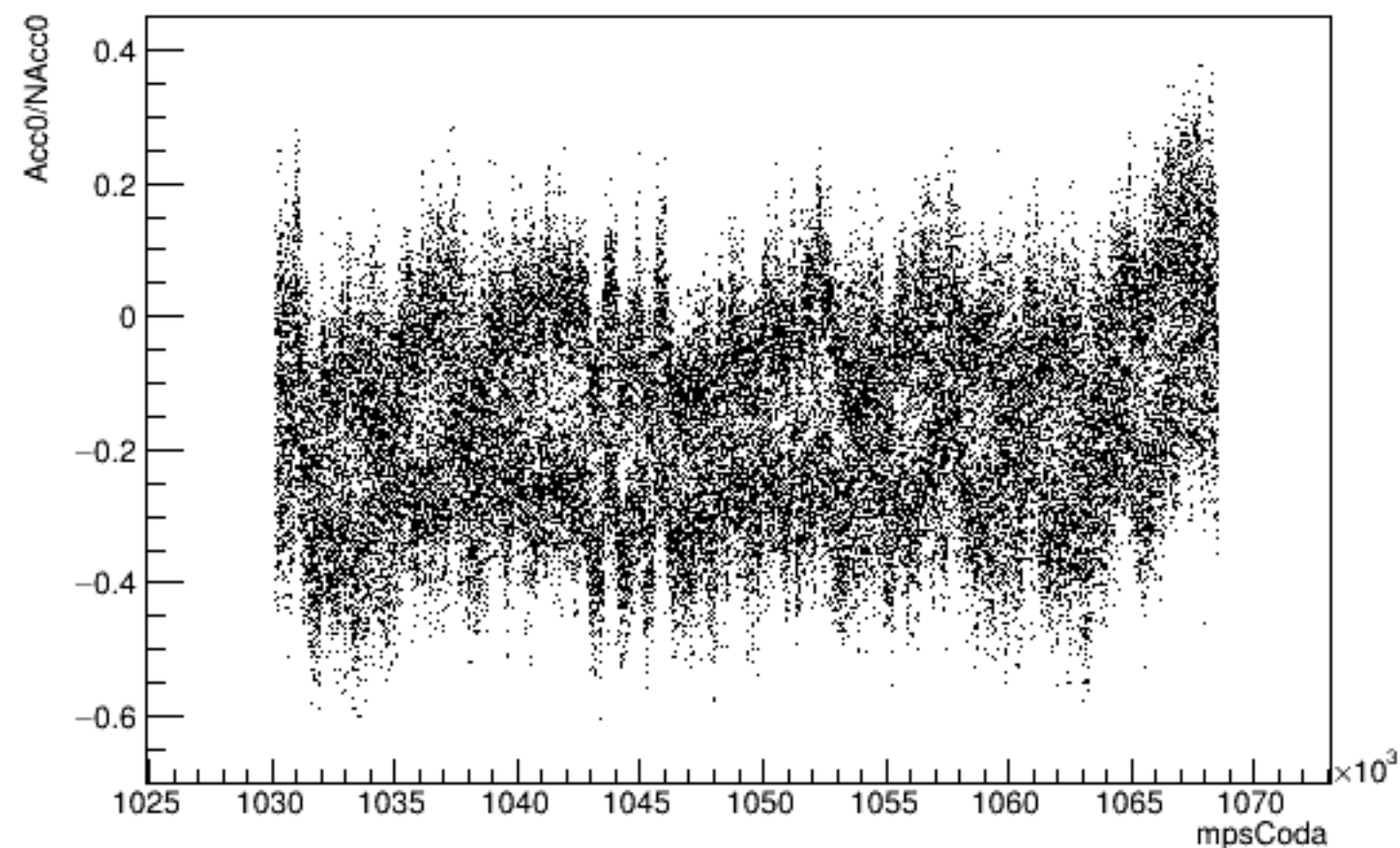
Cycle 15, Asyms

Entries: 214	Entries: 2643	Entries: 1861
Mean: 0.0704 +/- 0.0957	Mean: 0.2164 +/- 0.2593	Mean: 0.0182 +/- 0.0322
Std Dev: 1.4003 +/- 0.0677	Std Dev: 13.3324 +/- 0.1834	Std Dev: 1.3869 +/- 0.0227

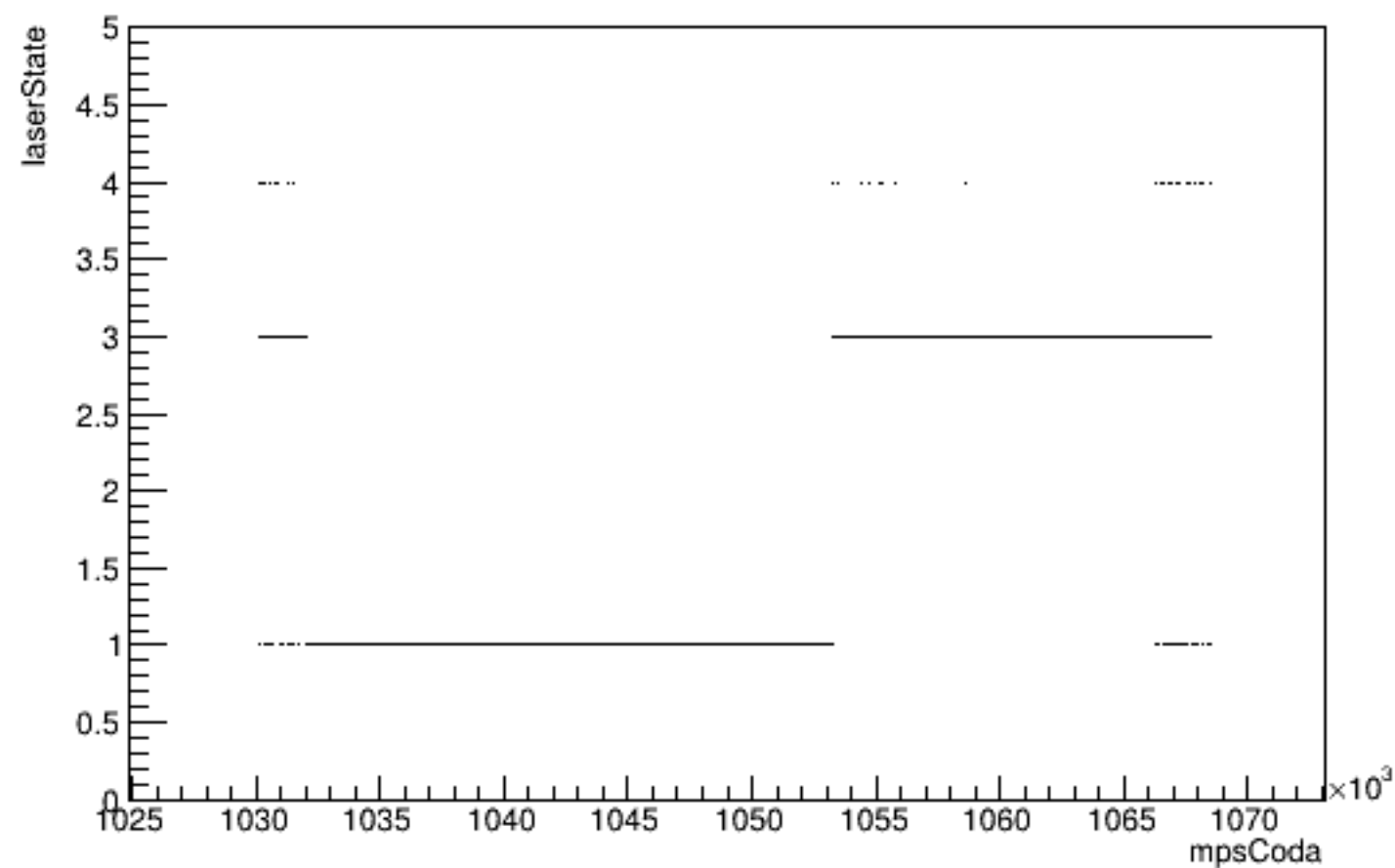
Run 4496 quartetwise, Asyms



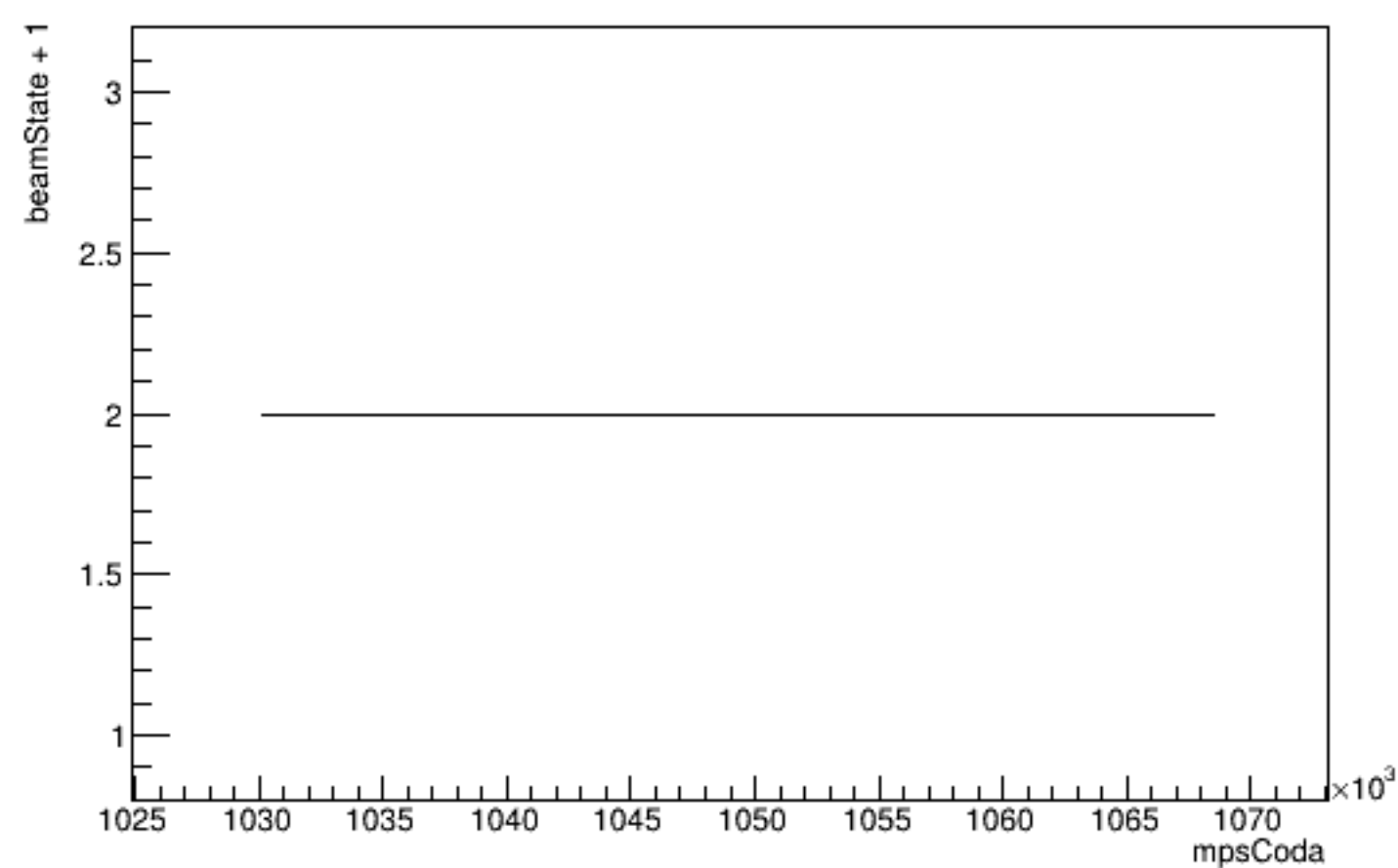
Acc0/NAcc0:mpsCoda (mpsCoda>=1030136 && mpsCoda<=1068535 && beamState==1)



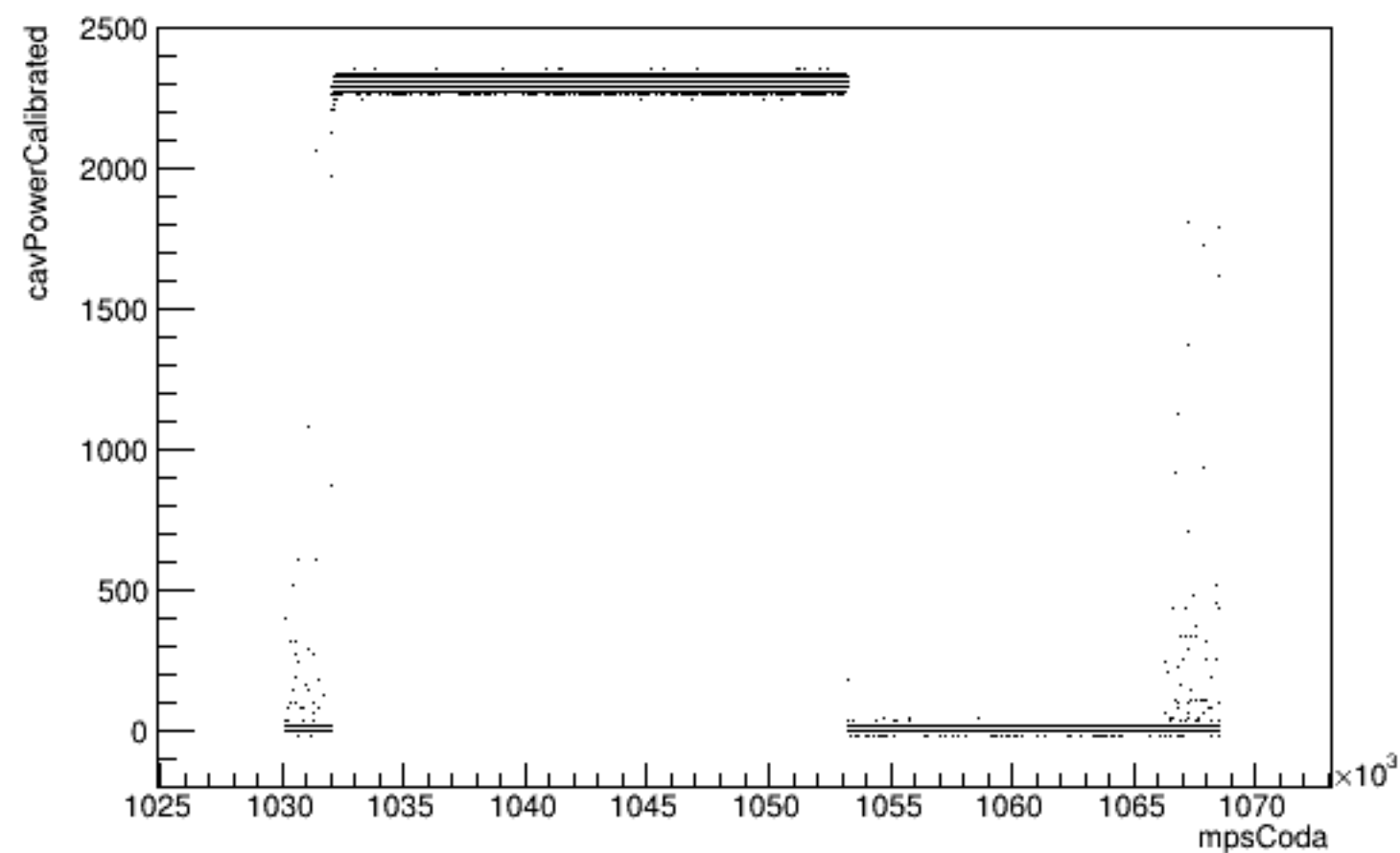
laserState:mpsCoda {mpsCoda>=1030136 && mpsCoda<=1068535}



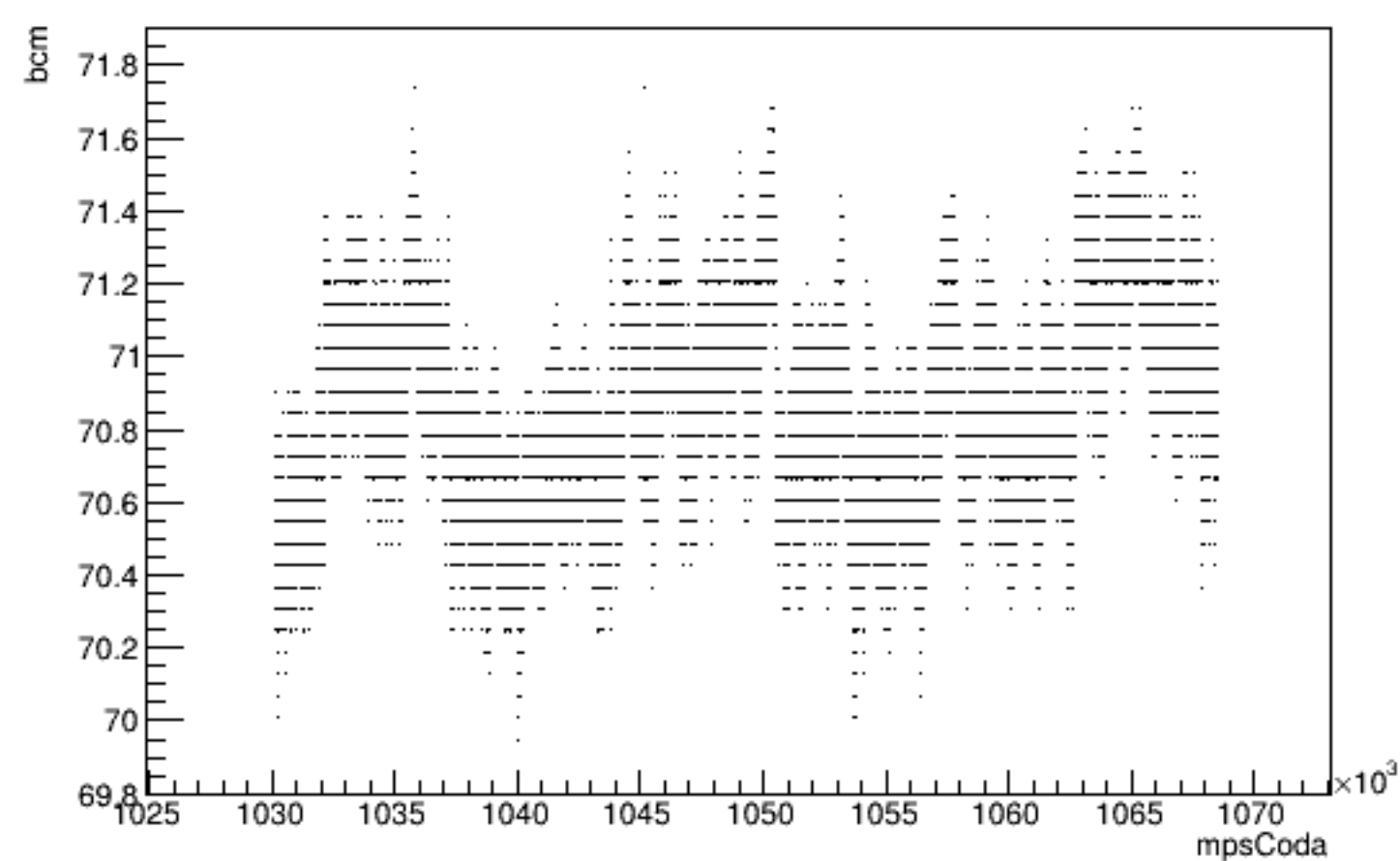
beamState + 1:mpsCoda {mpsCoda>=1030136 && mpsCoda<=1068535}



cavPowerCalibrated:mpsCoda {mpsCoda>=1030136 && mpsCoda<=1068535}



bcm:mpsCoda {mpsCoda>=1030136 && mpsCoda<=1068535}



Cycle 16, Diffs

Entries: 1861

Mean: -0.0006 +/- 0.0010

Std Dev: 0.0435 +/- 0.0007

Entries: 3836

Mean: 0.0001 +/- 0.0007

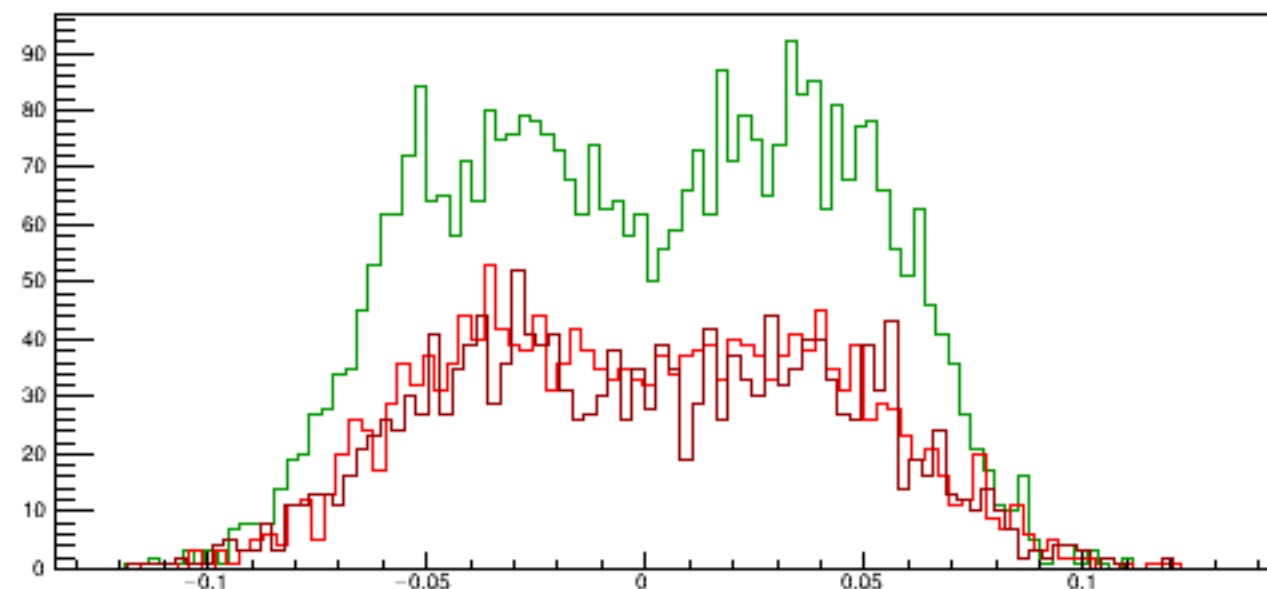
Std Dev: 0.0438 +/- 0.0005

Entries: 1767

Mean: -0.0007 +/- 0.0011

Std Dev: 0.0443 +/- 0.0007

Run 4496 quartetwise, Diffs



Cycle 16, Sums

Entries: 1861

Mean: -0.2602 +/- 0.0041

Std Dev: 0.1749 +/- 0.0029

Entries: 3836

Mean: -0.3321 +/- 0.0023

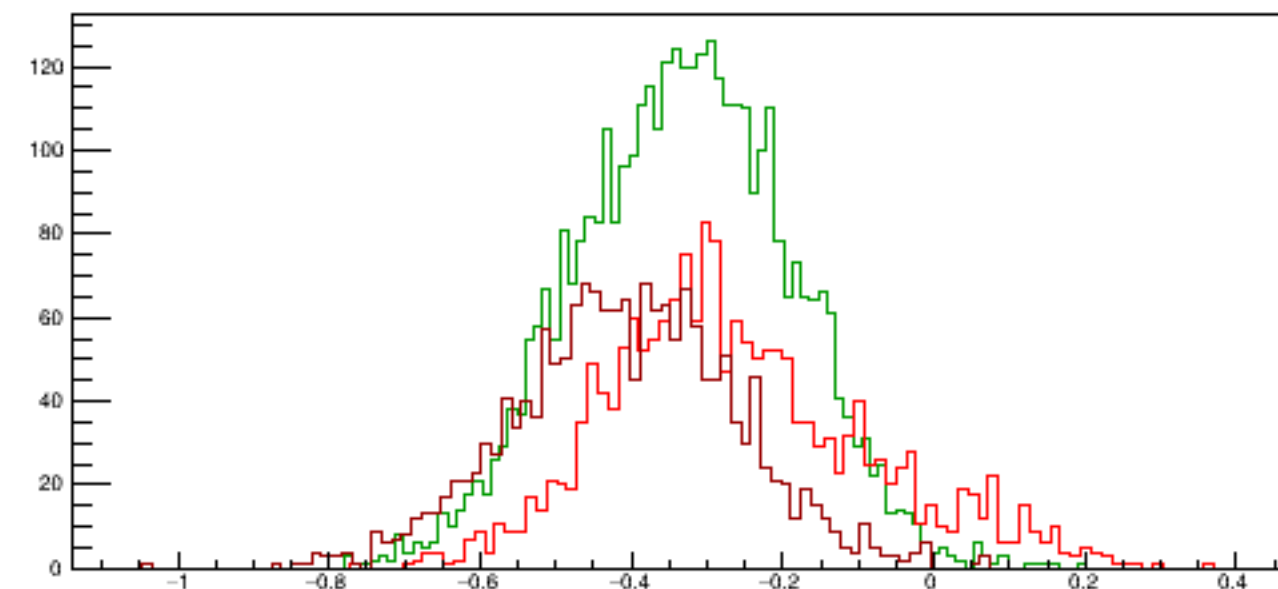
Std Dev: 0.1416 +/- 0.0016

Entries: 1767

Mean: -0.4075 +/- 0.0035

Std Dev: 0.1473 +/- 0.0025

Run 4496 quartetwise, Sums



Cycle 16, Asyms

Entries: 1861

Mean: -0.3321 +/- 0.5870

Std Dev: 25.3220 +/- 0.4151

Entries: 3836

Mean: 0.1058 +/- 0.2626

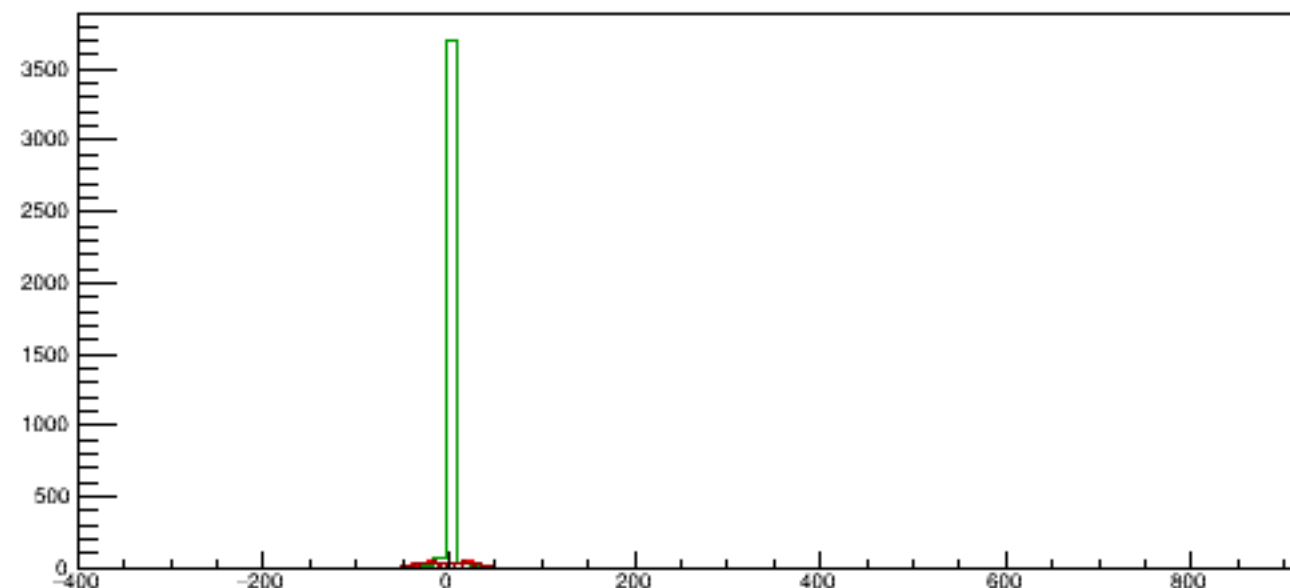
Std Dev: 16.2634 +/- 0.1857

Entries: 1767

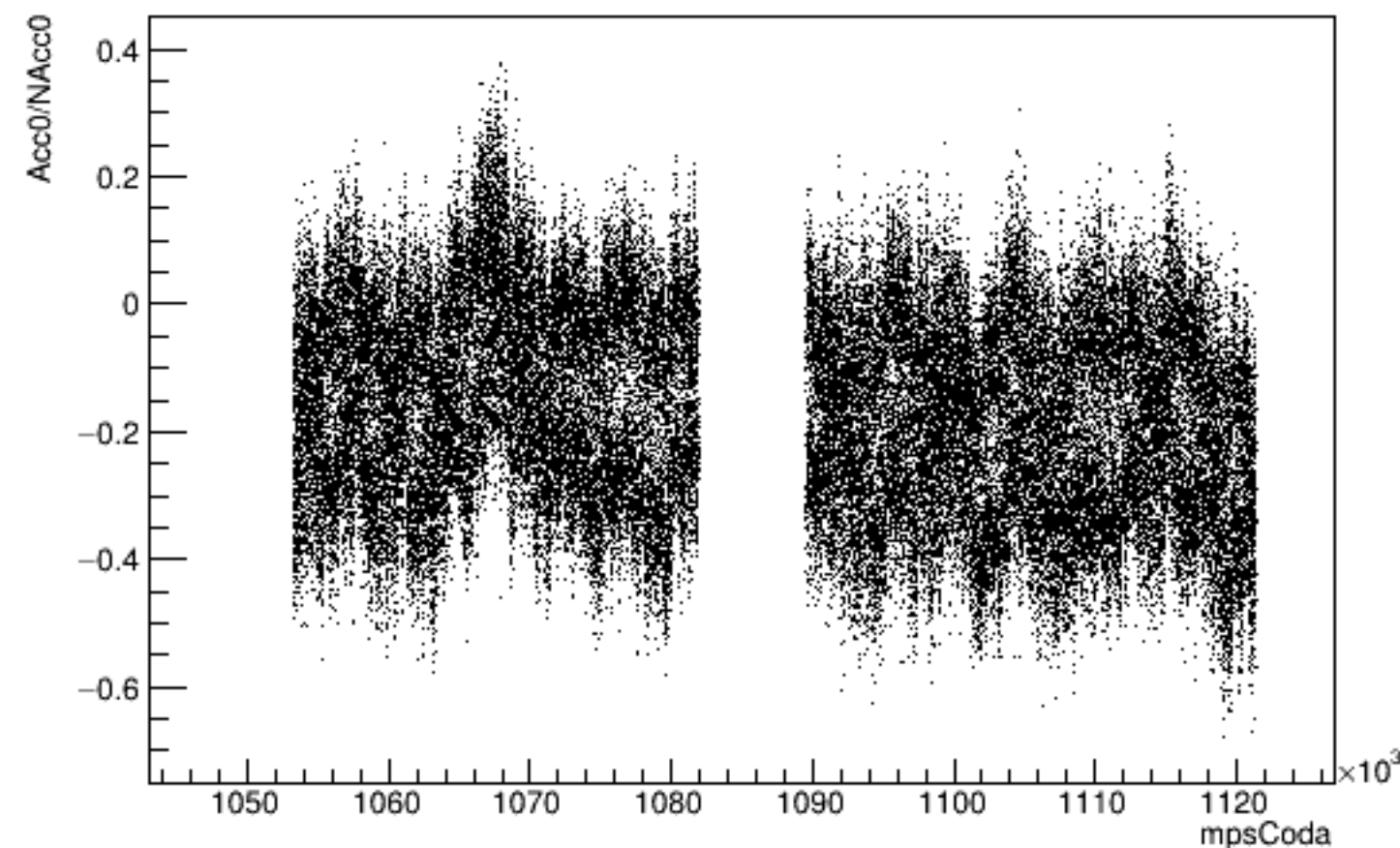
Mean: -0.4242 +/- 0.6144

Std Dev: 25.8277 +/- 0.4345

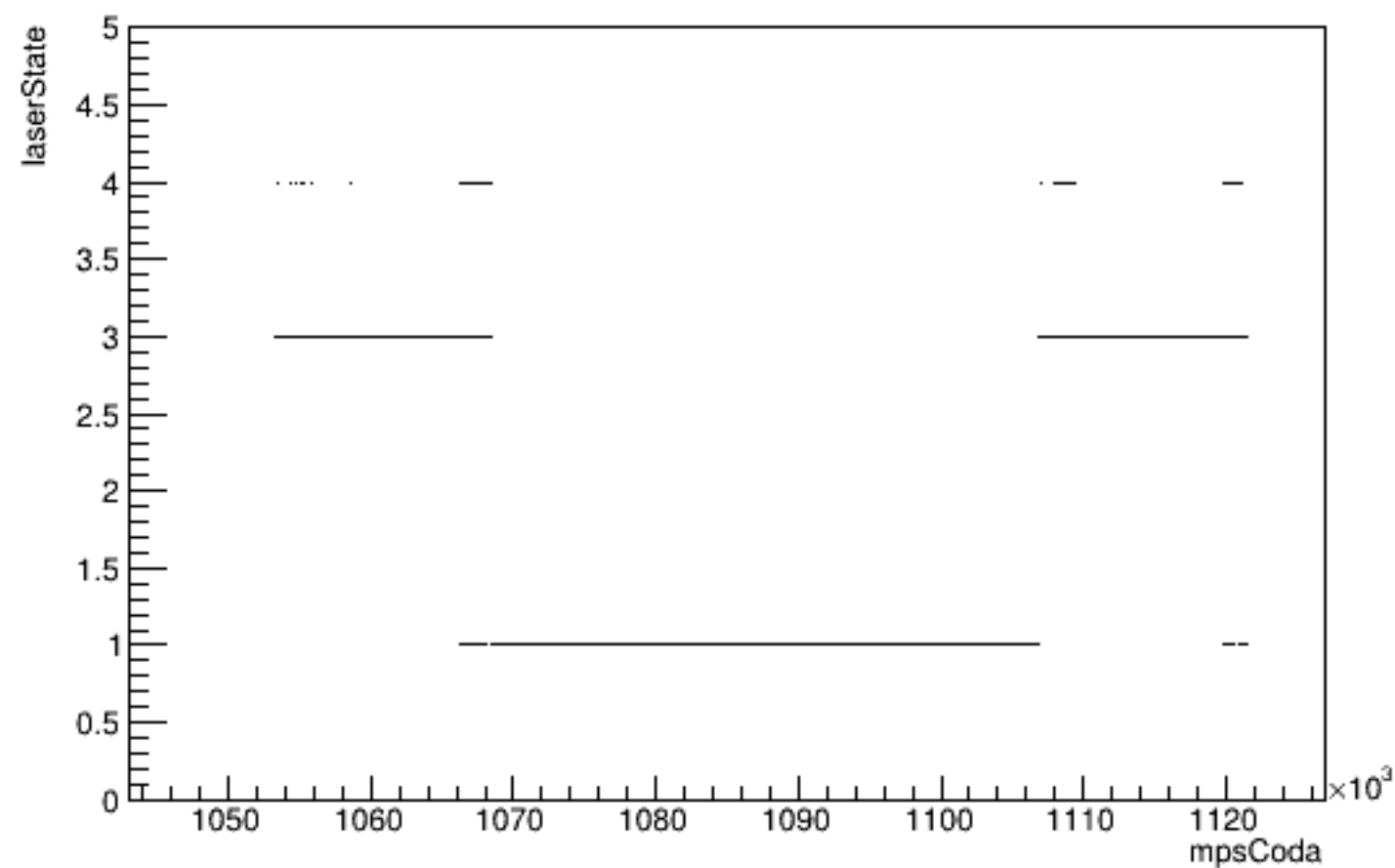
Run 4496 quartetwise, Asyms



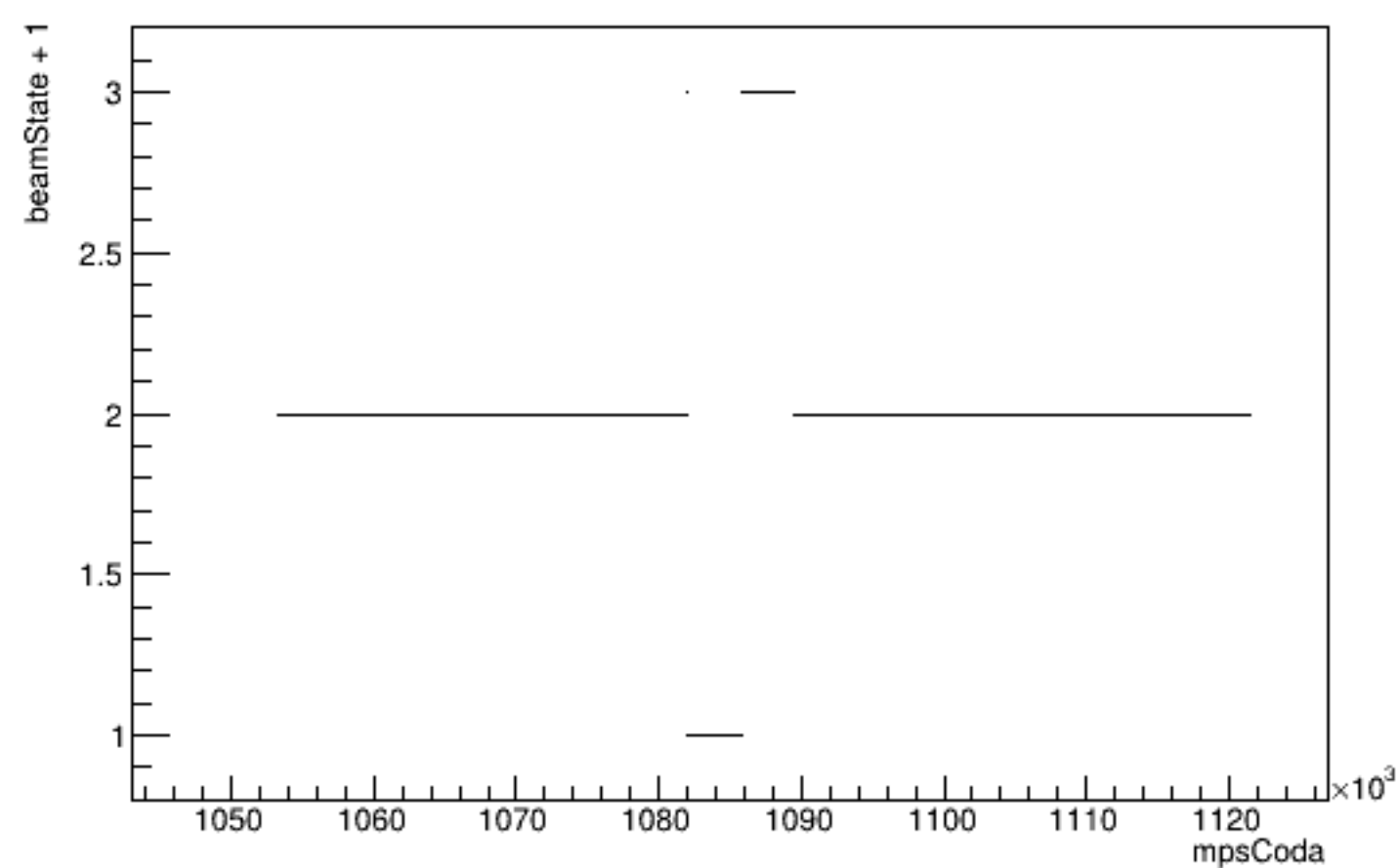
Acc0/NAcc0:mpsCoda (mpsCoda>=1053224 && mpsCoda<=1121407 && beamState==1)



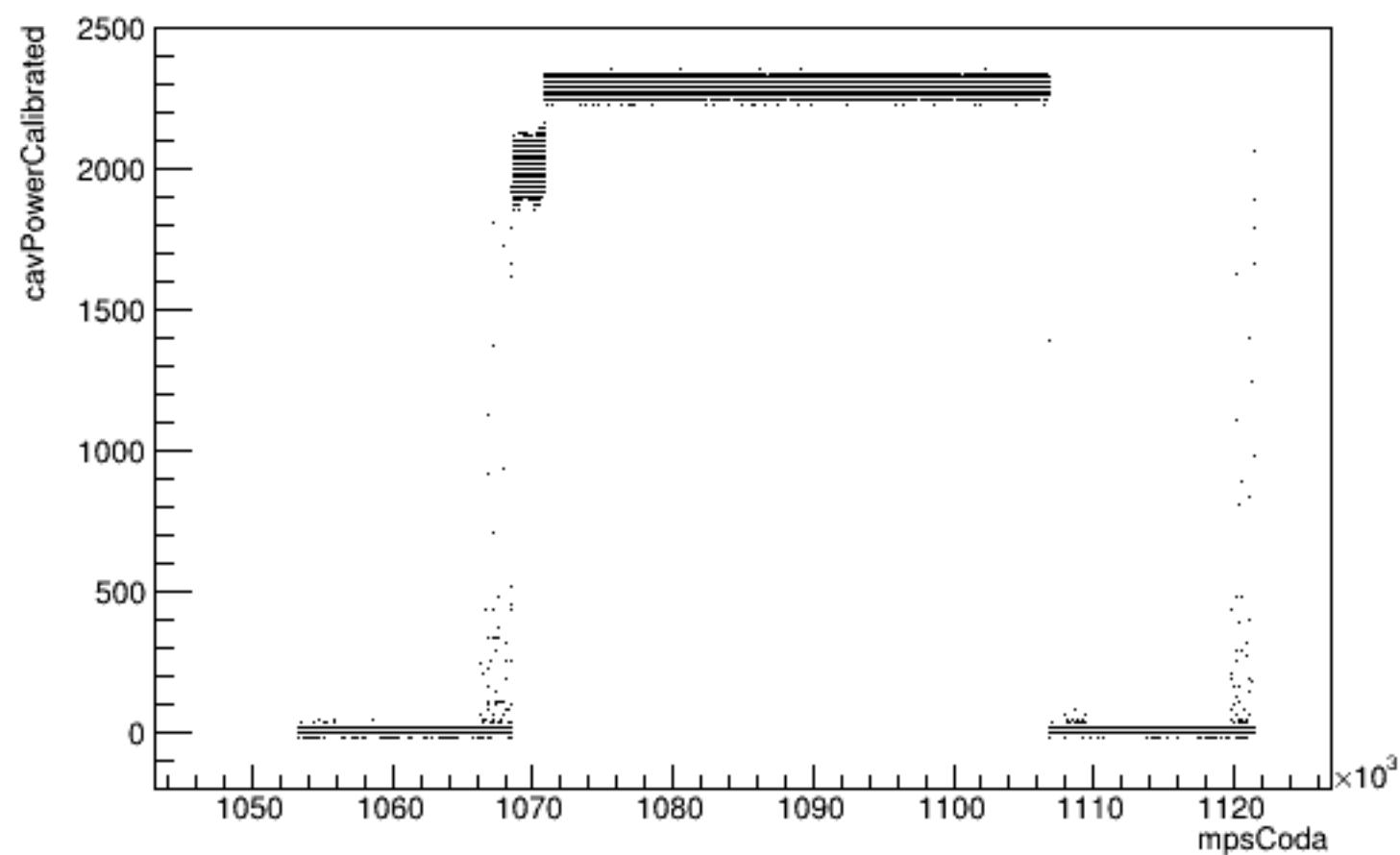
laserState:mpsCoda {mpsCoda>=1053224 && mpsCoda<=1121407}



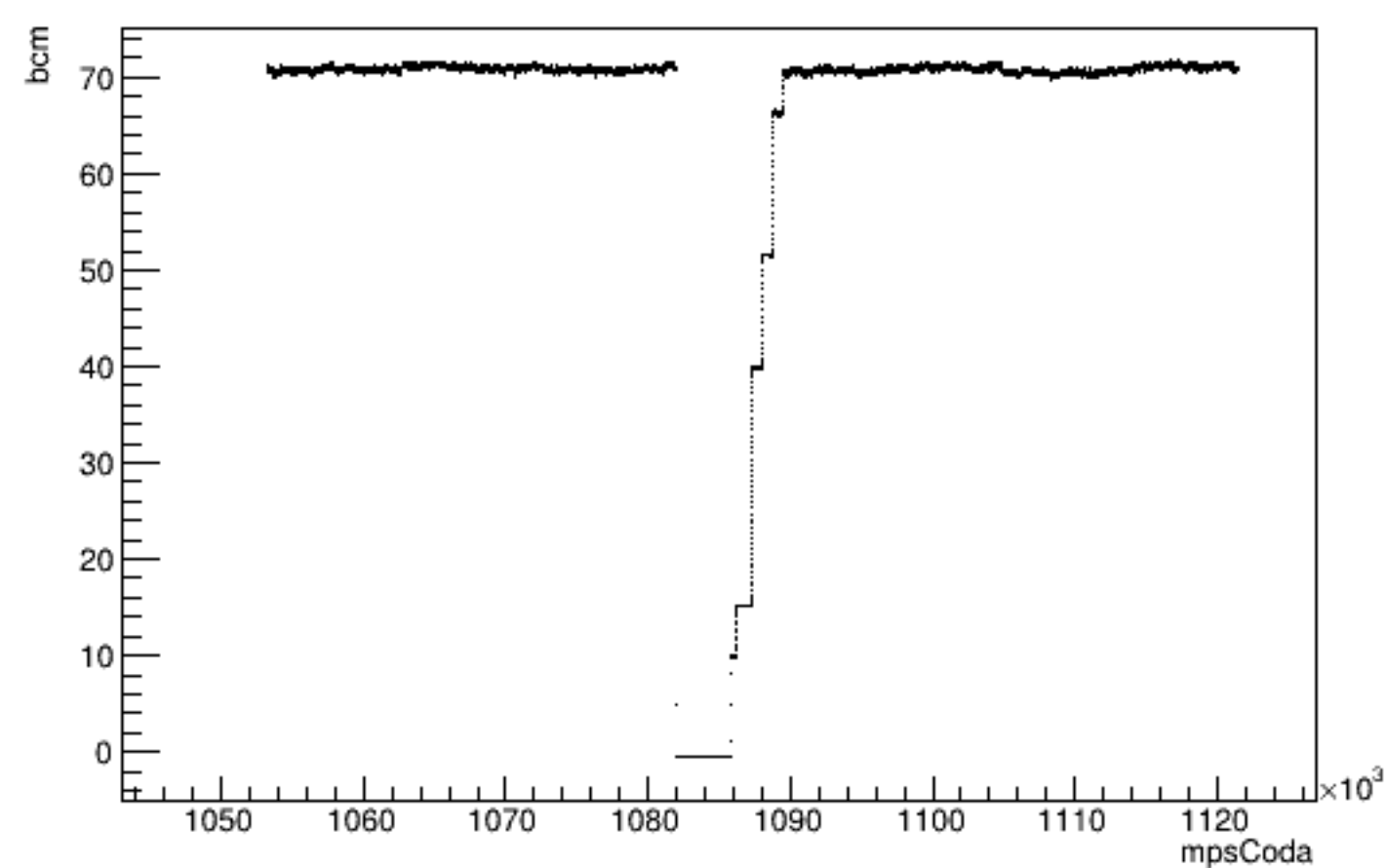
beamState + 1:mpsCoda {mpsCoda>=1053224 && mpsCoda<=1121407}



cavPowerCalibrated:mpsCoda {mpsCoda>=1053224 && mpsCoda<=1121407}



bcm:mpsCoda {mpsCoda>=1053224 && mpsCoda<=1121407}



Cycle 17, Diffs

Entries: 1767

Mean: -0.0007 +/- 0.0011

Std Dev: 0.0443 +/- 0.0007

Entries: 4762

Mean: -0.0003 +/- 0.0006

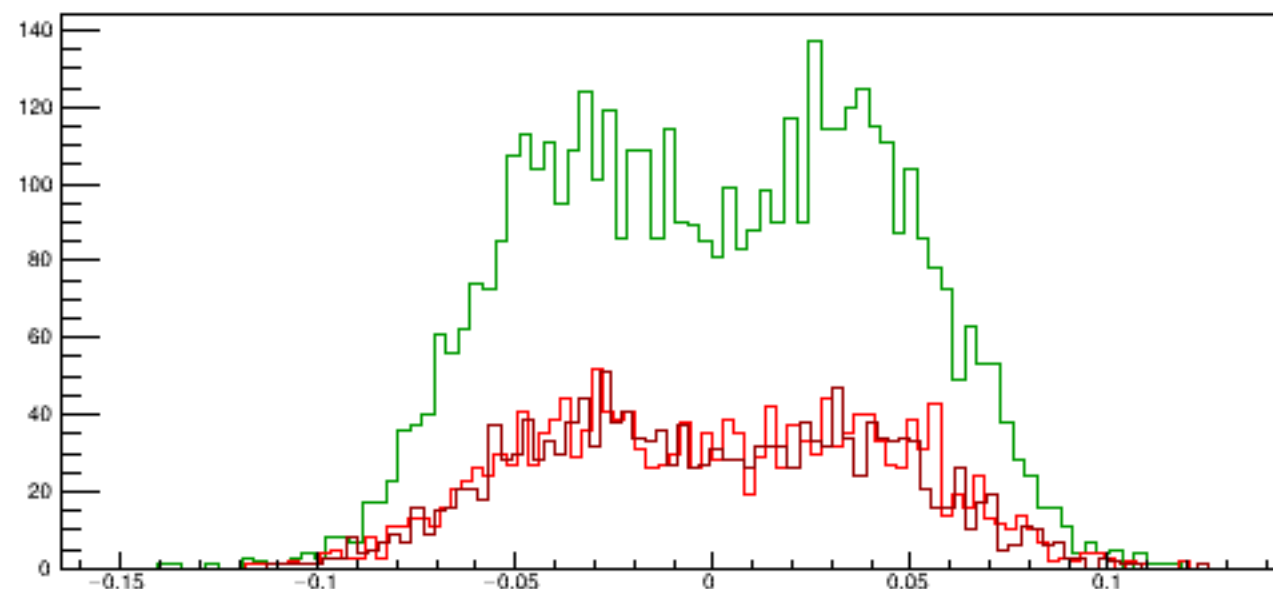
Std Dev: 0.0438 +/- 0.0004

Entries: 1655

Mean: -0.0016 +/- 0.0011

Std Dev: 0.0436 +/- 0.0008

Run 4496 quartetwise, Diffs



Cycle 17, Sums

Entries: 1767

Mean: -0.4075 +/- 0.0035

Std Dev: 0.1473 +/- 0.0025

Entries: 4762

Mean: -0.4474 +/- 0.0021

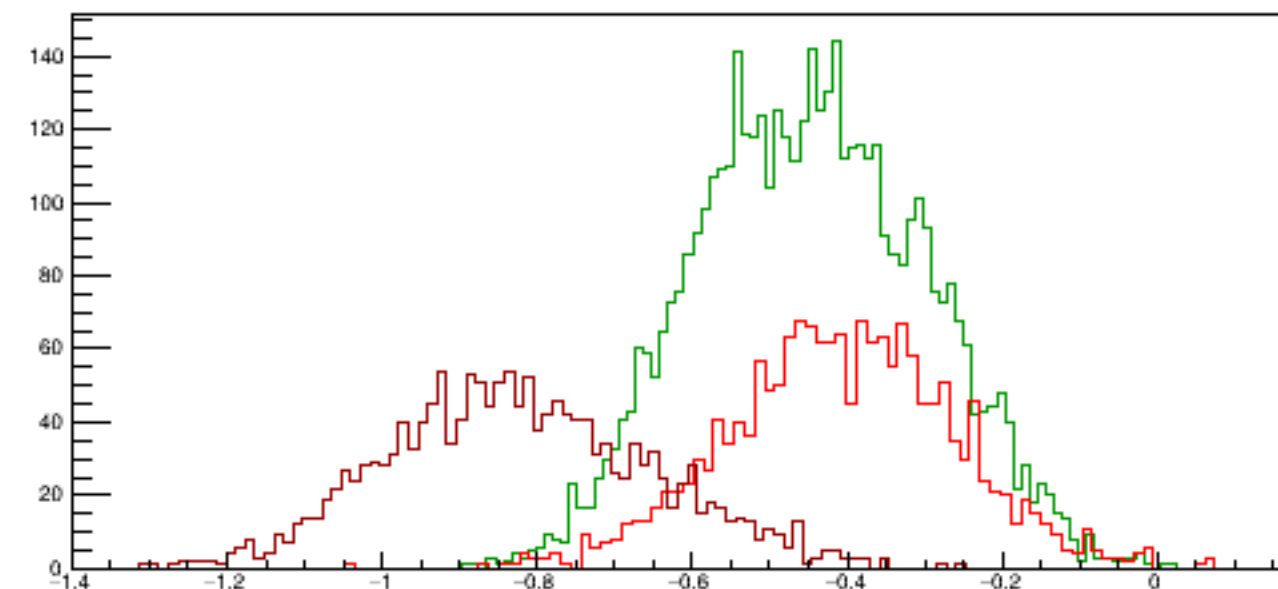
Std Dev: 0.1477 +/- 0.0015

Entries: 1655

Mean: -0.8224 +/- 0.0042

Std Dev: 0.1705 +/- 0.0030

Run 4496 quartetwise, Sums



Cycle 17, Asyms

Entries: 1767

Mean: -0.0043 +/- 0.0063

Std Dev: 0.2646 +/- 0.0045

Entries: 4762

Mean: 0.2315 +/- 0.2163

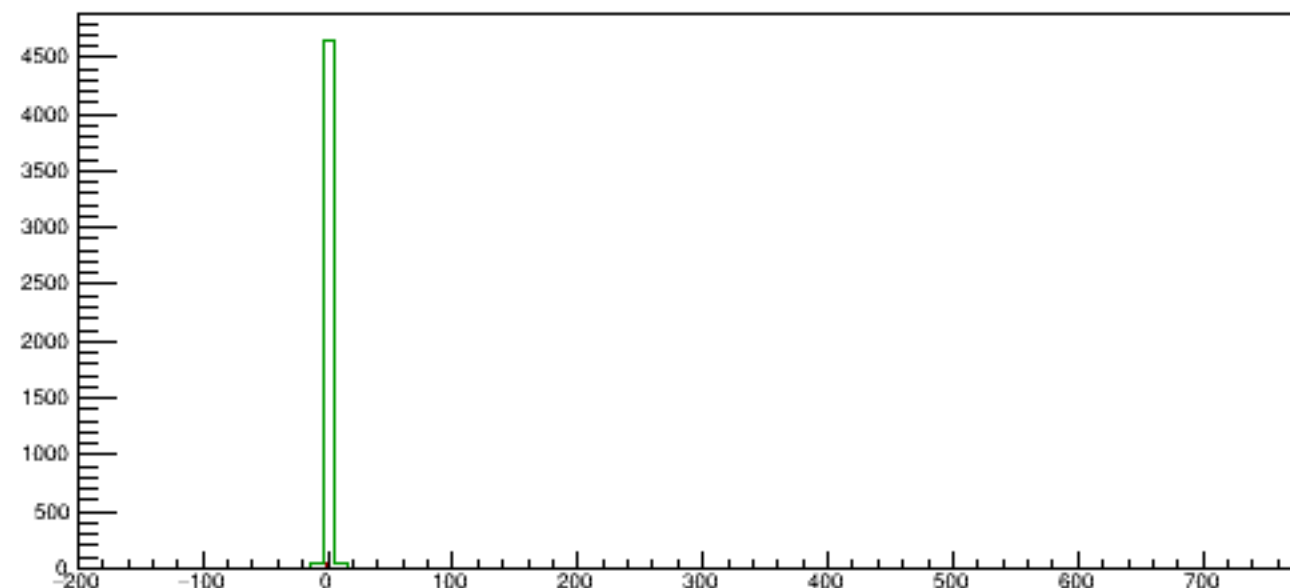
Std Dev: 14.9240 +/- 0.1529

Entries: 1655

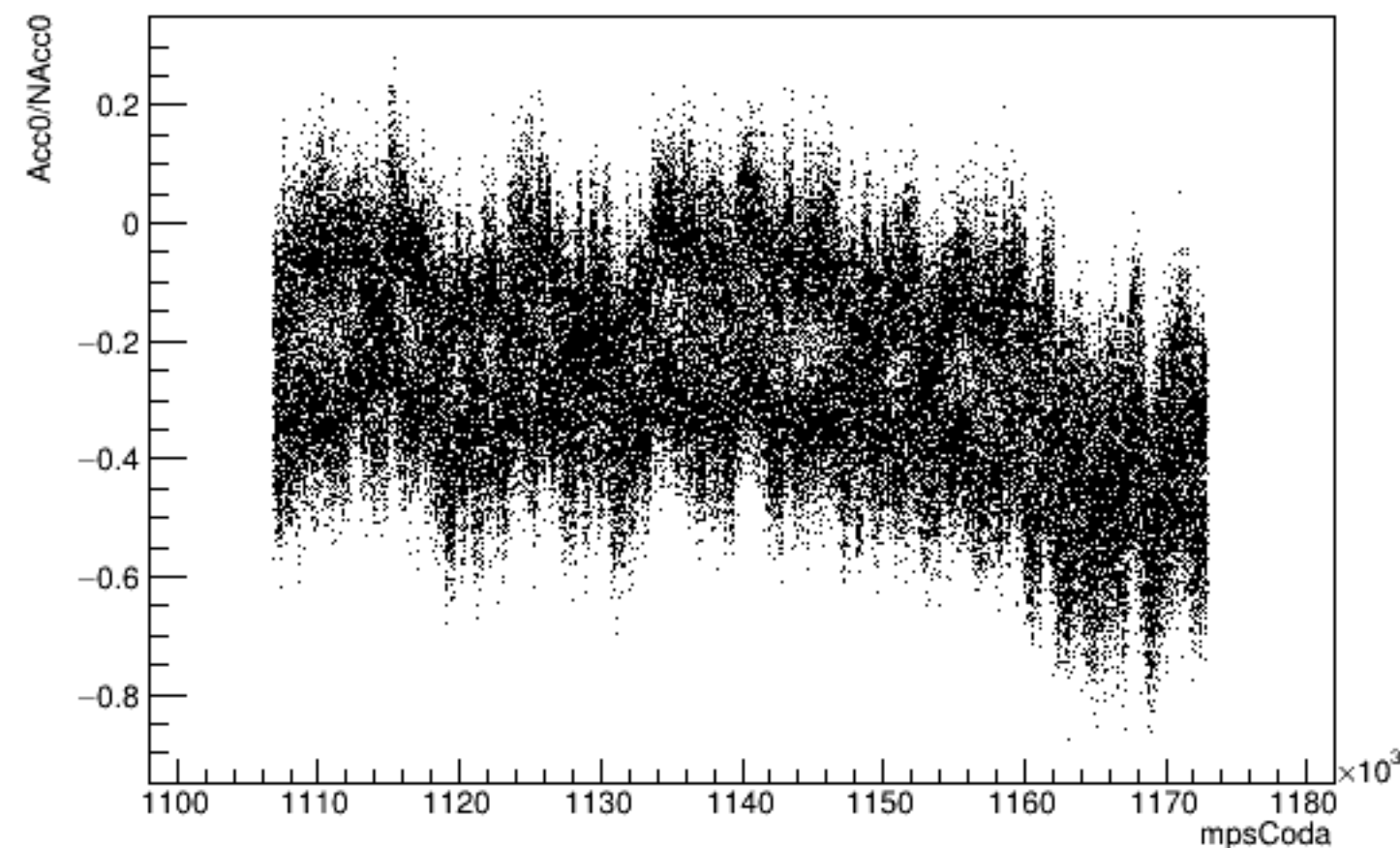
Mean: -0.0098 +/- 0.0064

Std Dev: 0.2599 +/- 0.0045

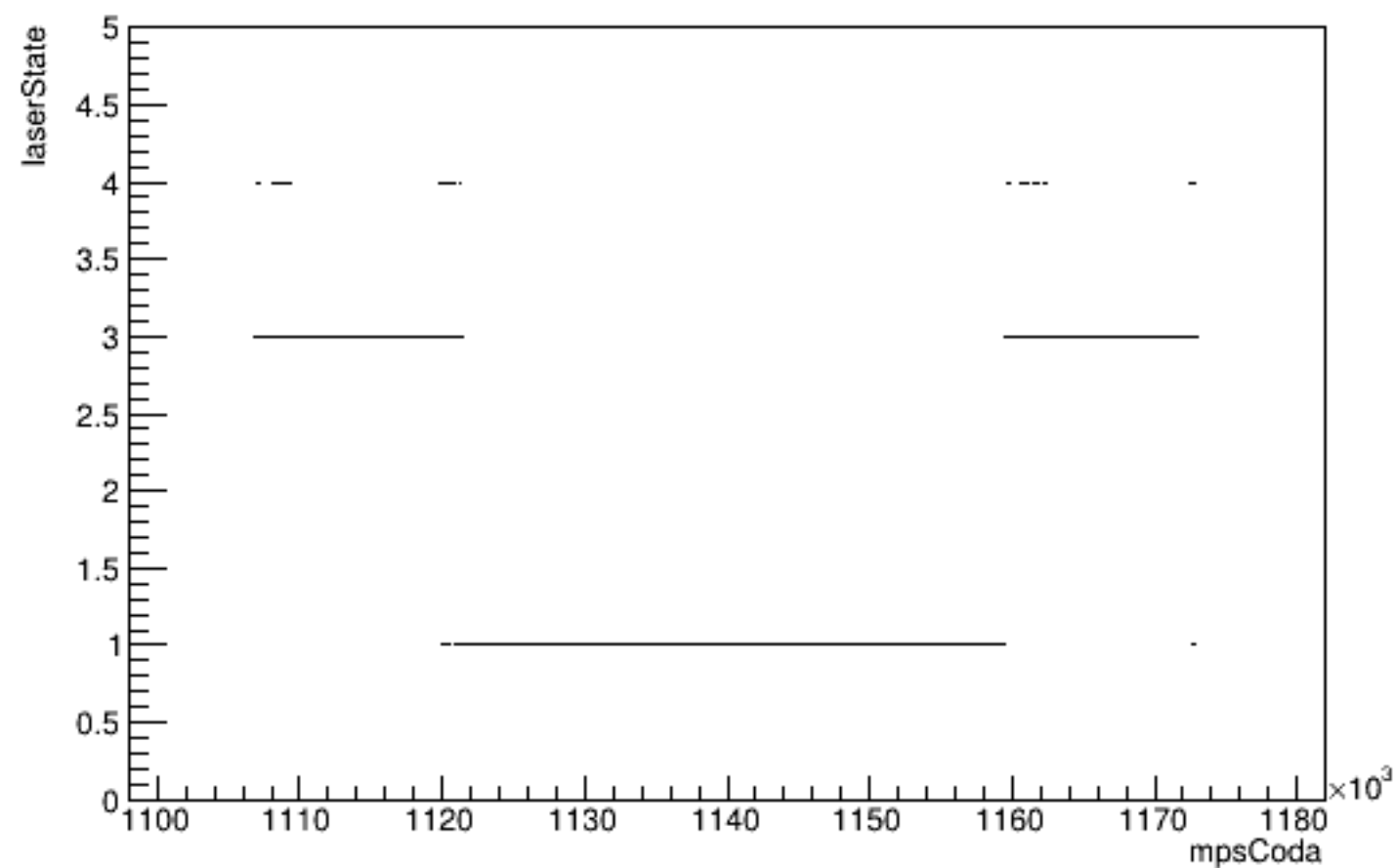
Run 4496 quartetwise, Asyms



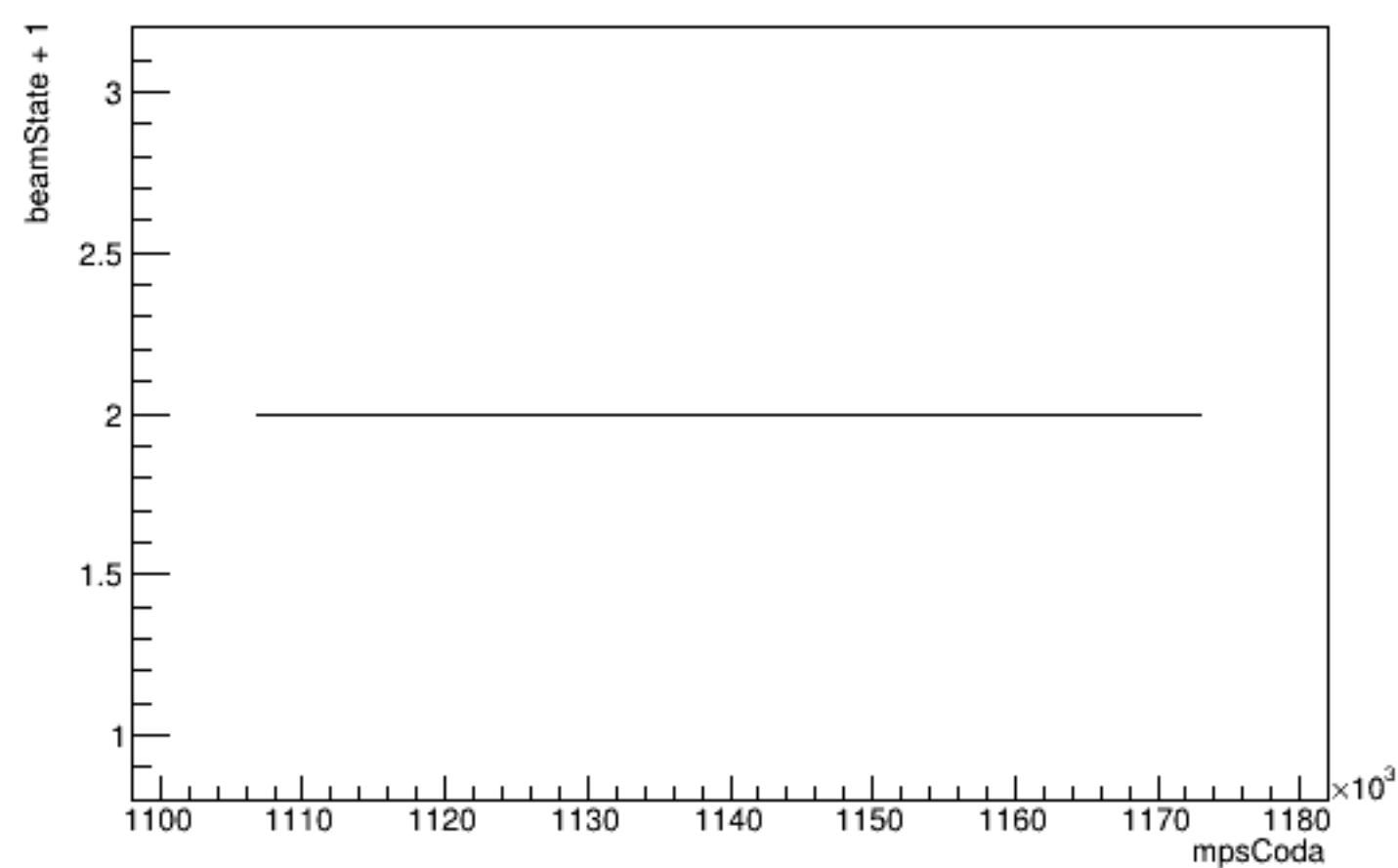
Acc0/NAcc0:mpsCoda (mpsCoda>=1106848 && mpsCoda<=1172943 && beamState==1)



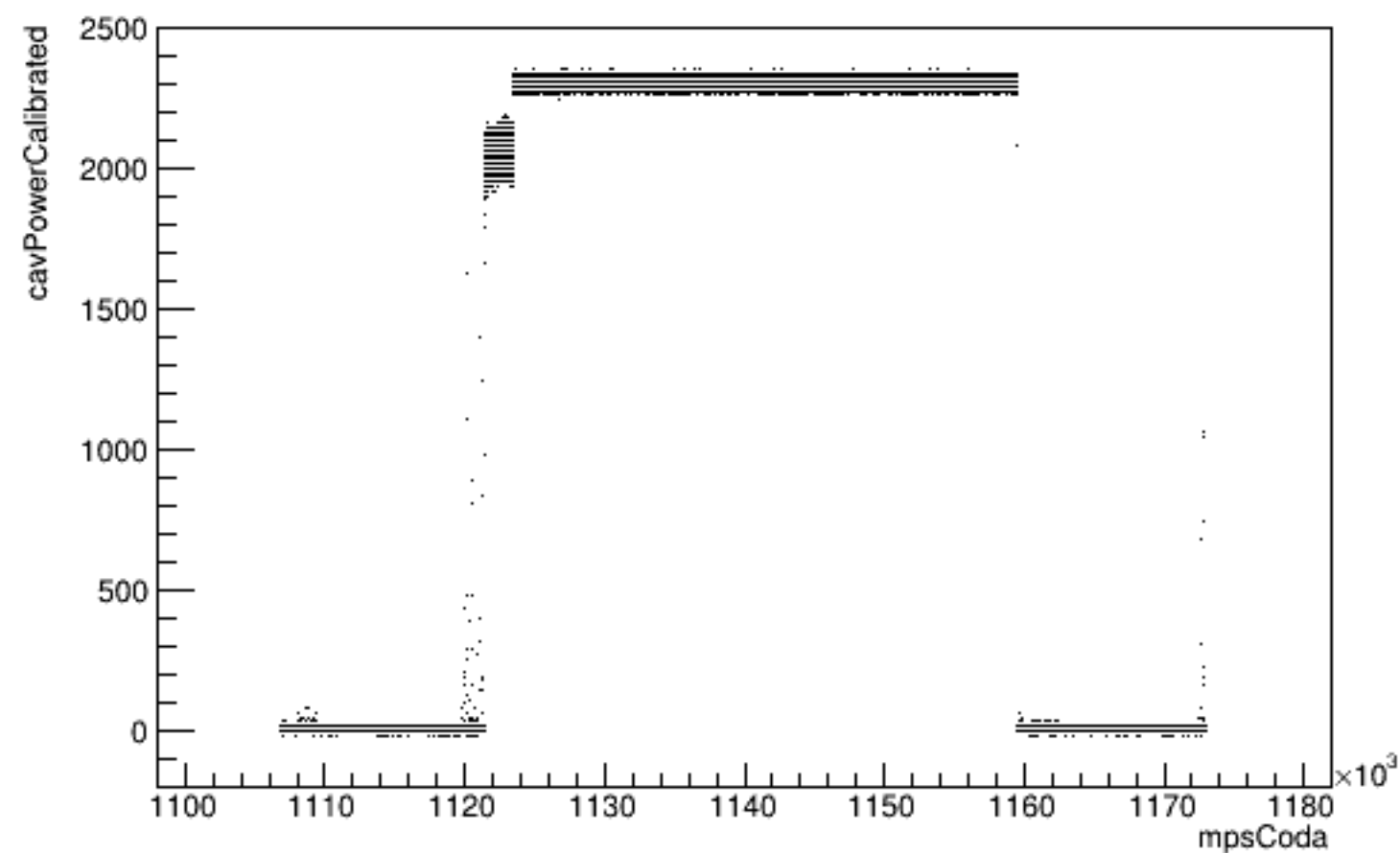
laserState:mpsCoda {mpsCoda>=1106848 && mpsCoda<=1172943}



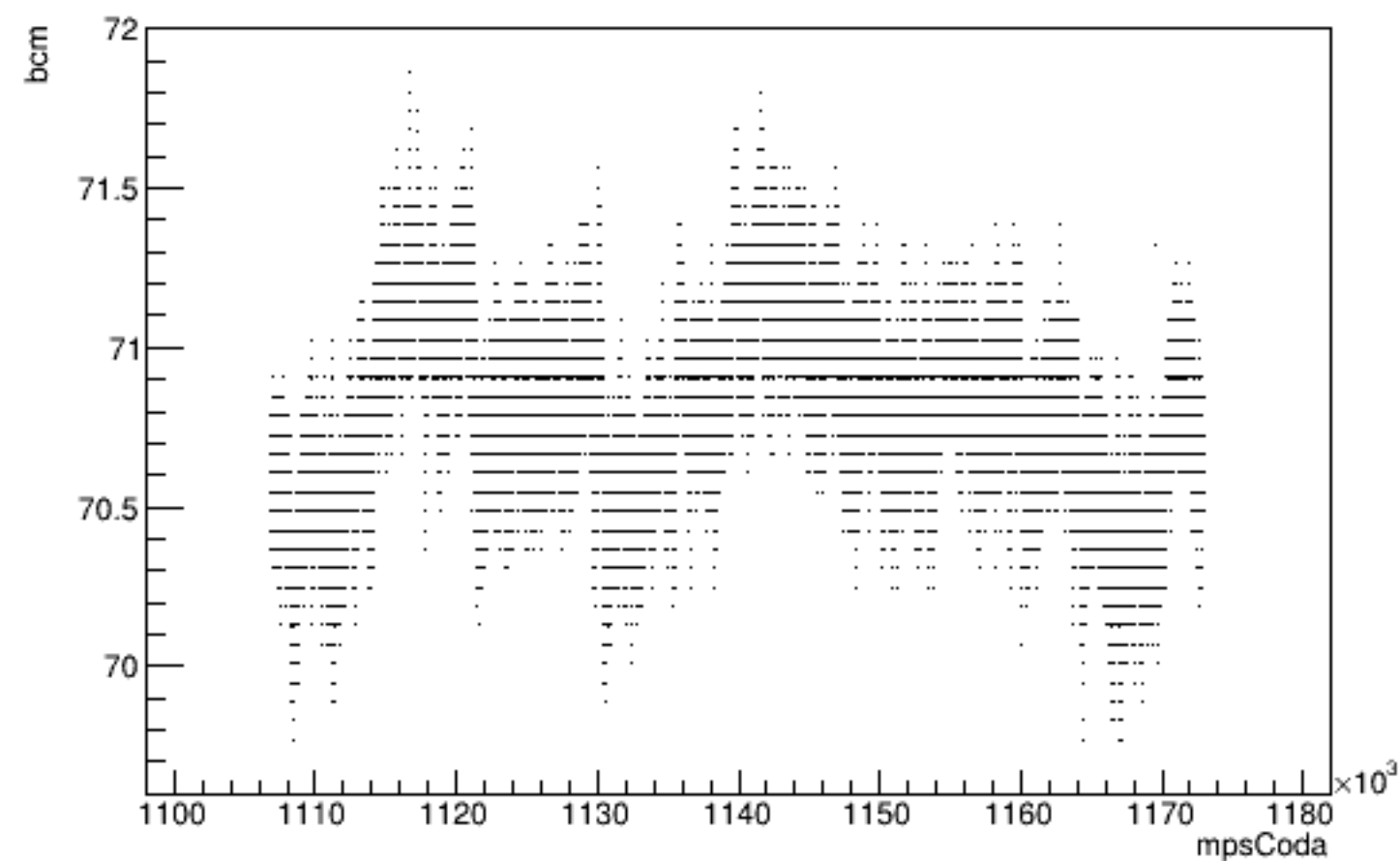
beamState + 1:mpsCoda {mpsCoda>=1106848 && mpsCoda<=1172943}



cavPowerCalibrated:mpsCoda {mpsCoda>=1106848 && mpsCoda<=1172943}



bcm:mpsCoda {mpsCoda>=1106848 && mpsCoda<=1172943}



Cycle 18, Diffs

Entries: 1655

Mean: -0.0016 +/- 0.0011

Std Dev: 0.0436 +/- 0.0008

Entries: 4781

Mean: -0.0001 +/- 0.0006

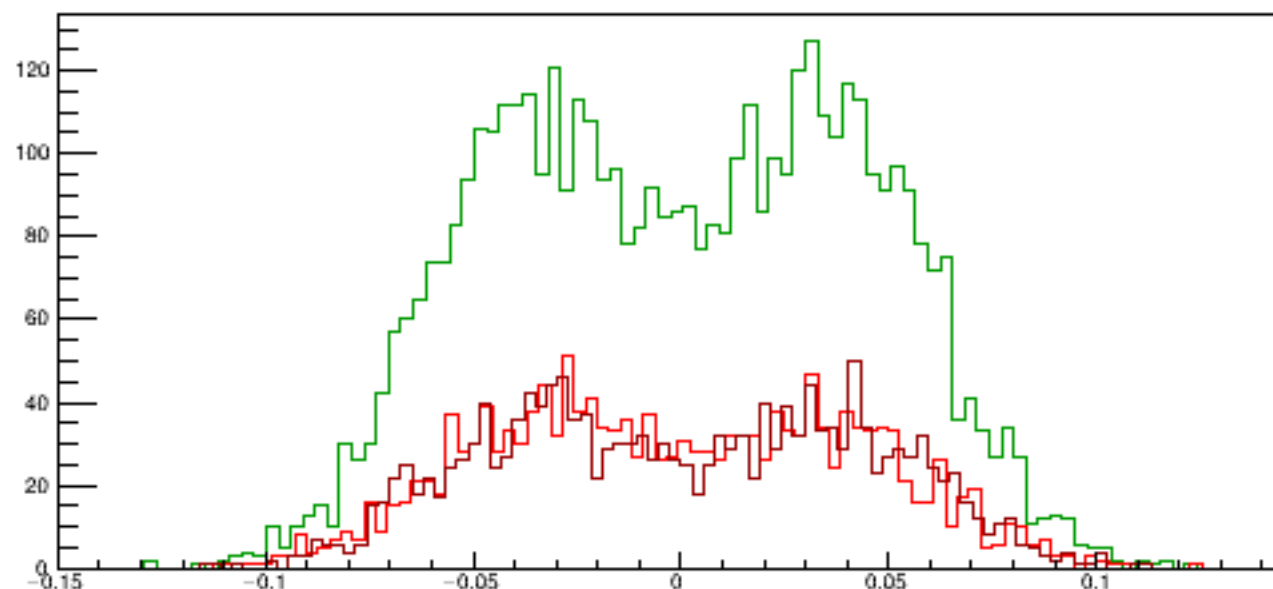
Std Dev: 0.0442 +/- 0.0005

Entries: 1691

Mean: 0.0003 +/- 0.0011

Std Dev: 0.0440 +/- 0.0008

Run 4496 quartetwise, Diffs



Cycle 18, Sums

Entries: 1655

Mean: -0.8224 +/- 0.0042

Std Dev: 0.1705 +/- 0.0030

Entries: 4781

Mean: -0.5934 +/- 0.0042

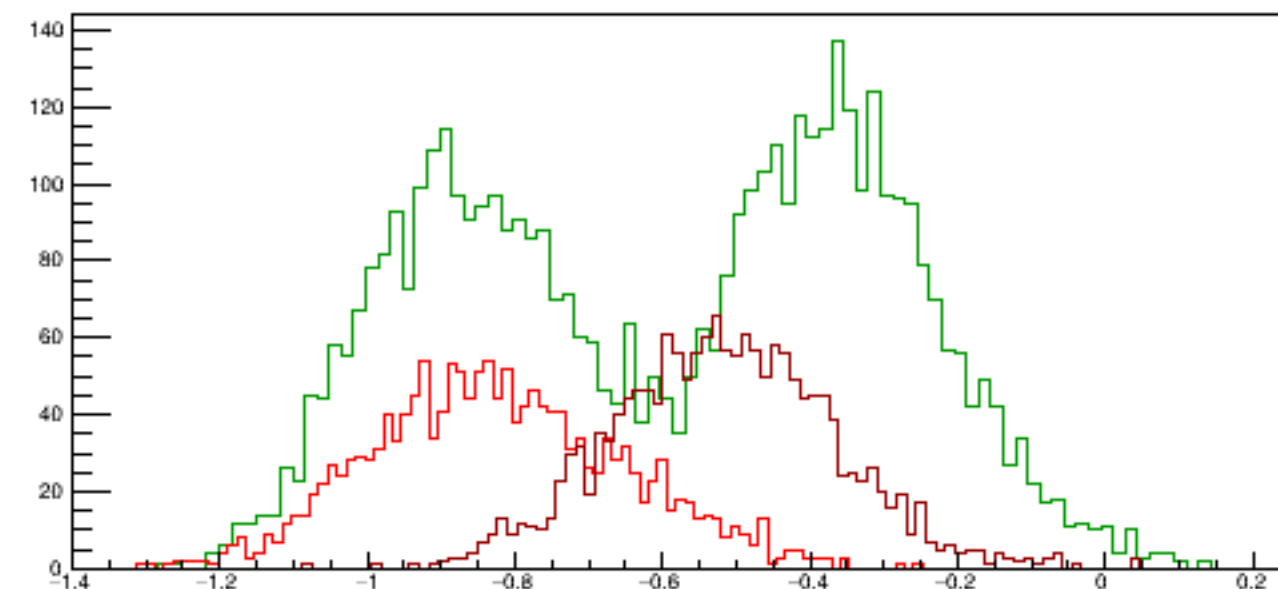
Std Dev: 0.2921 +/- 0.0030

Entries: 1691

Mean: -0.5165 +/- 0.0037

Std Dev: 0.1515 +/- 0.0026

Run 4496 quartetwise, Sums



Cycle 18, Asyms

Entries: 1655

Mean: -0.0217 +/- 0.0141

Std Dev: 0.5727 +/- 0.0100

Entries: 4781

Mean: 0.0658 +/- 0.0665

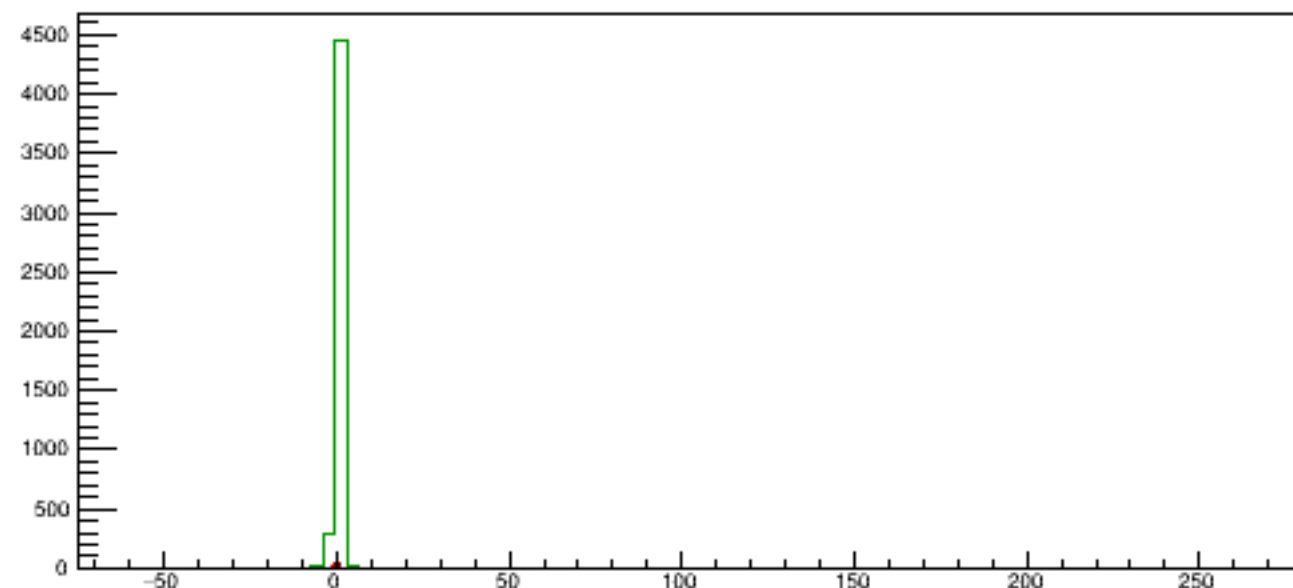
Std Dev: 4.5978 +/- 0.0470

Entries: 1691

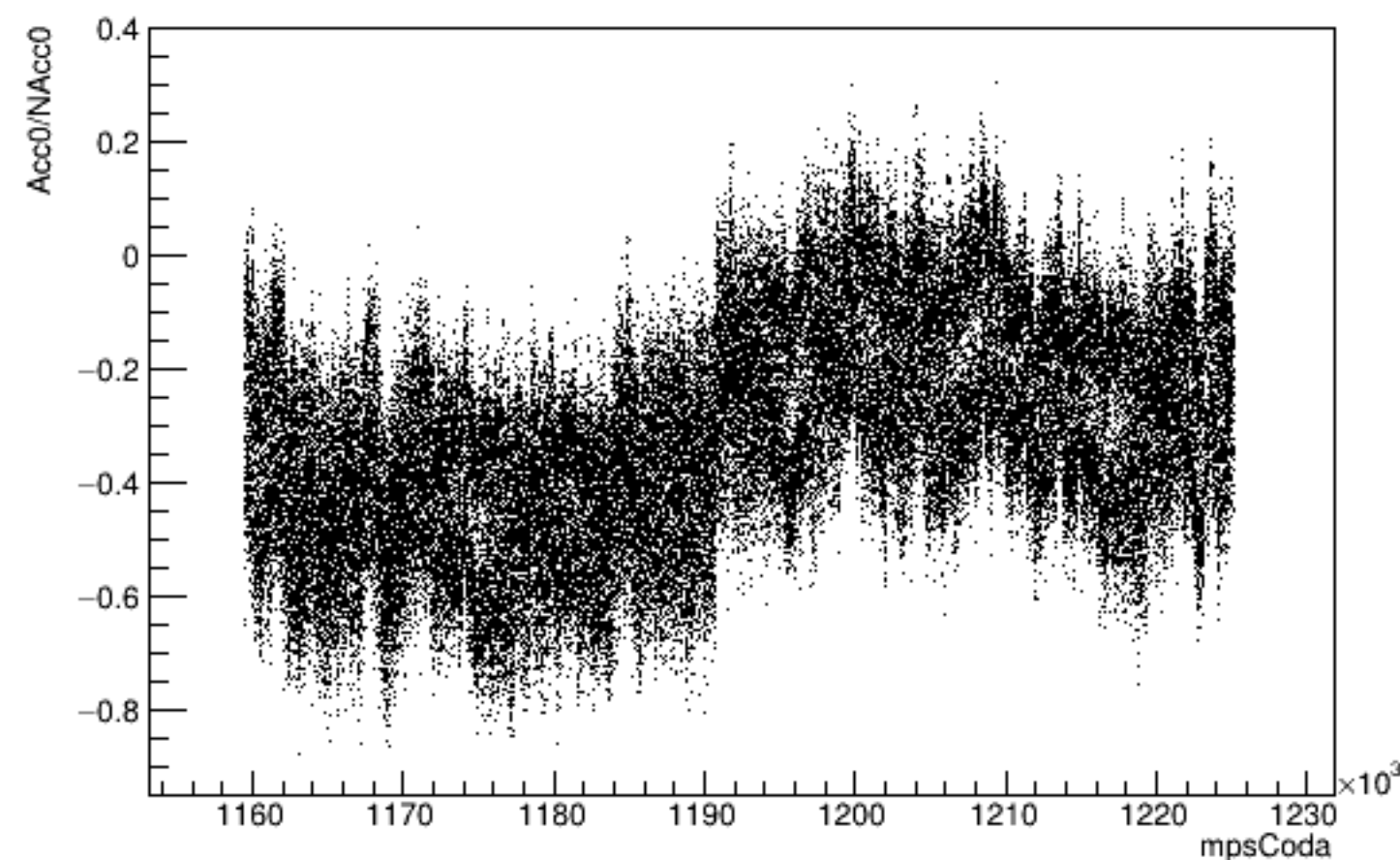
Mean: 0.0036 +/- 0.0141

Std Dev: 0.5781 +/- 0.0099

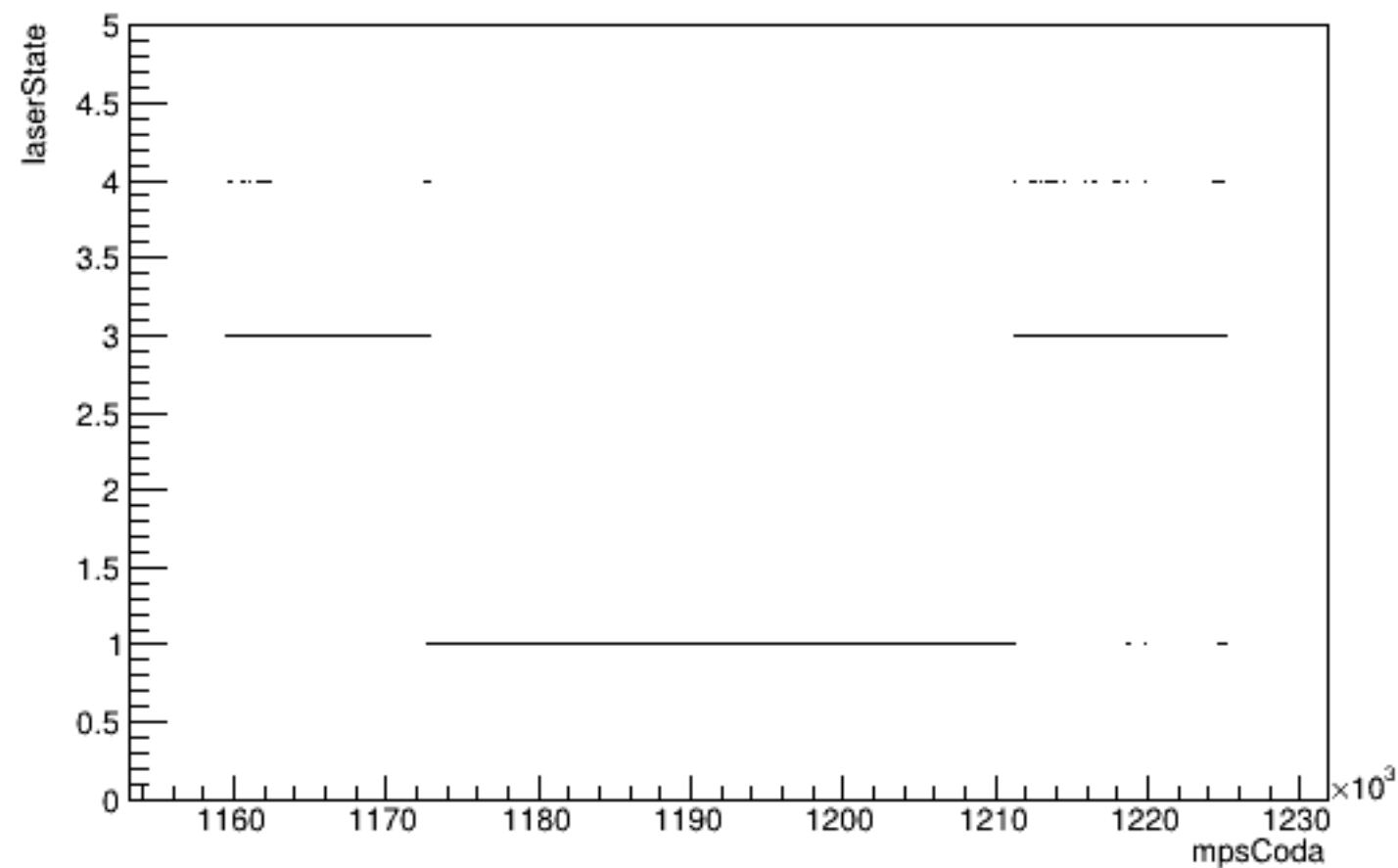
Run 4496 quartetwise, Asyms



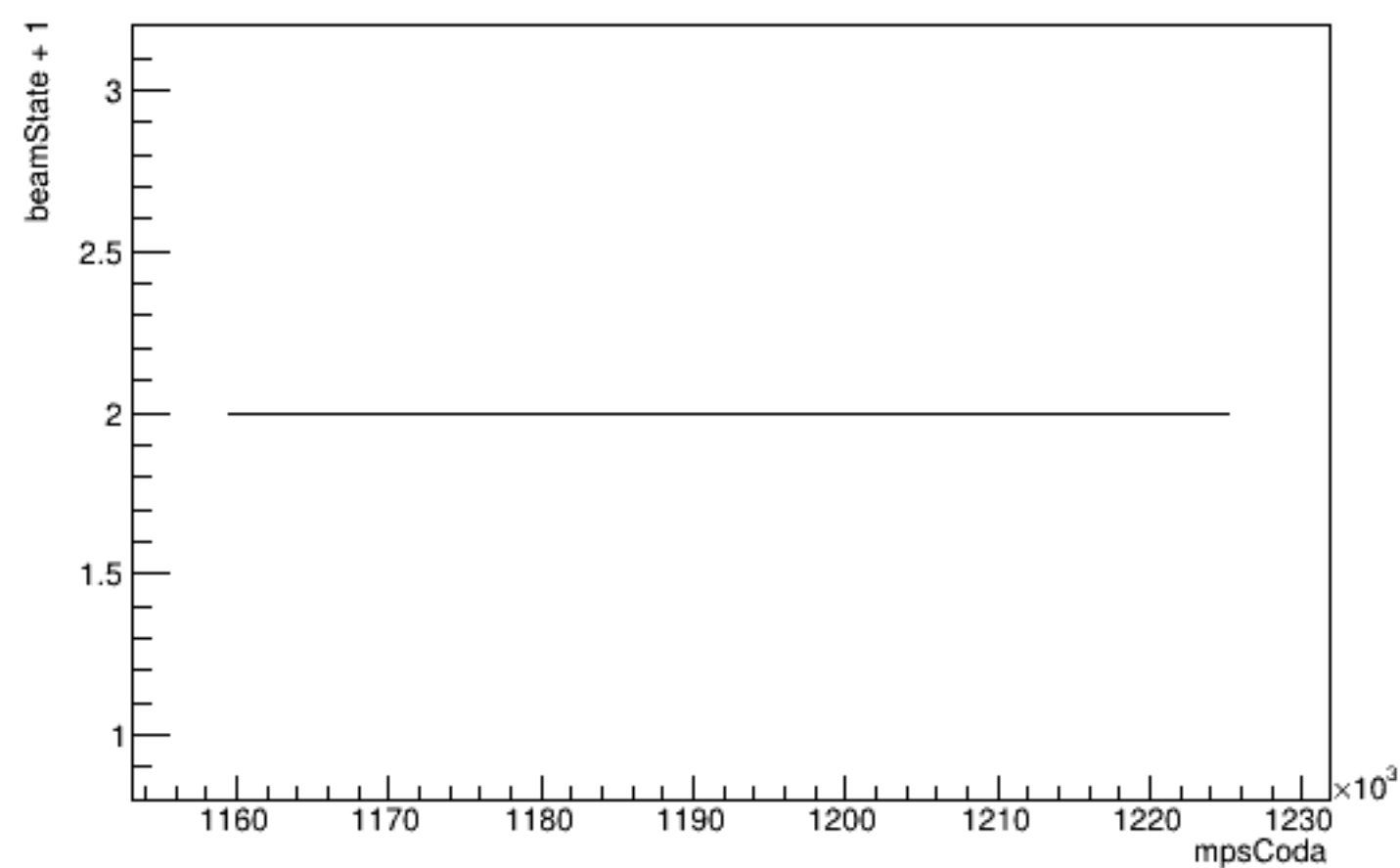
Acc0/NAcc0:mpsCoda (mpsCoda>=1159512 && mpsCoda<=1225127 && beamState==1)



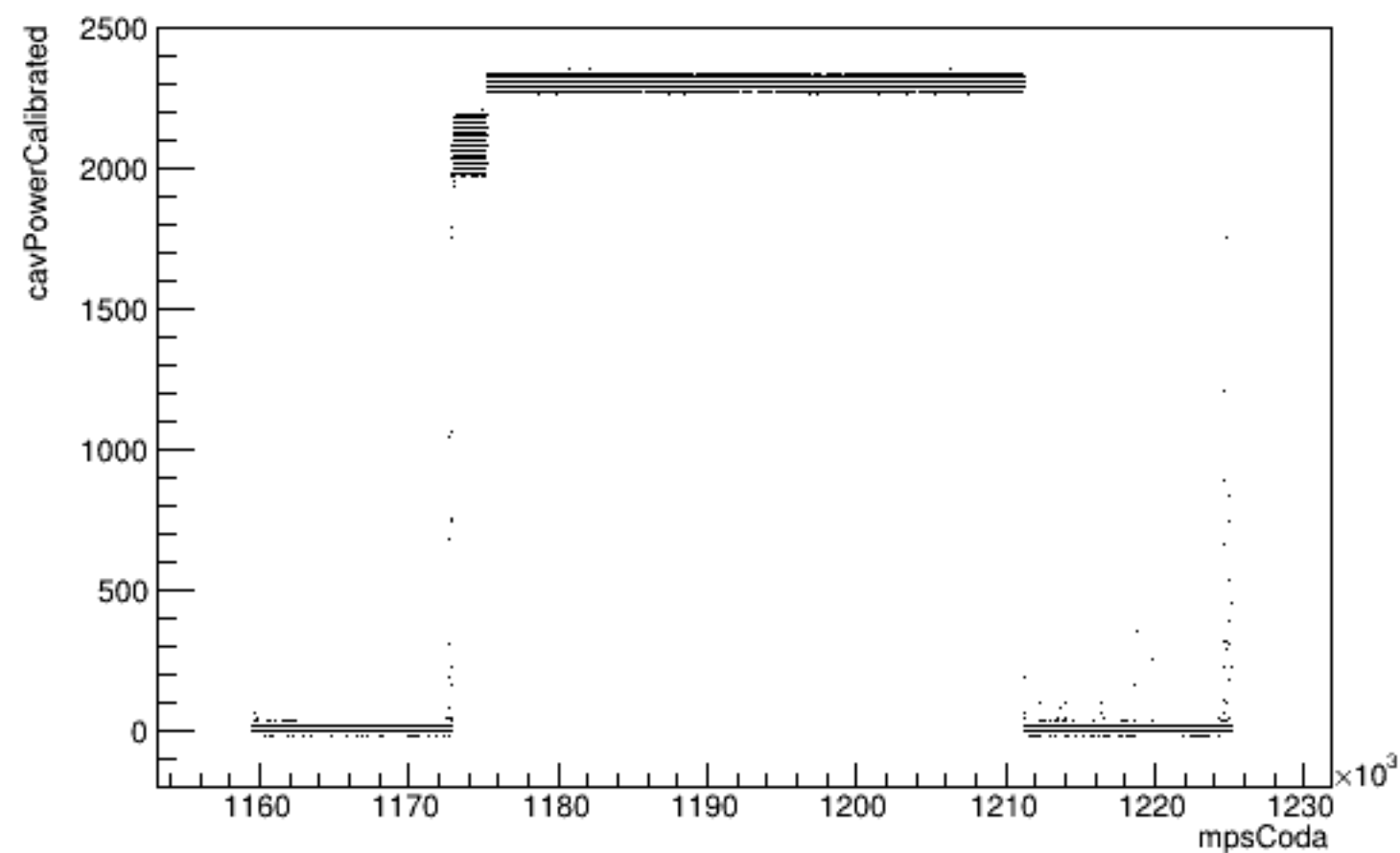
laserState:mpsCoda {mpsCoda>=1159512 && mpsCoda<=1225127}



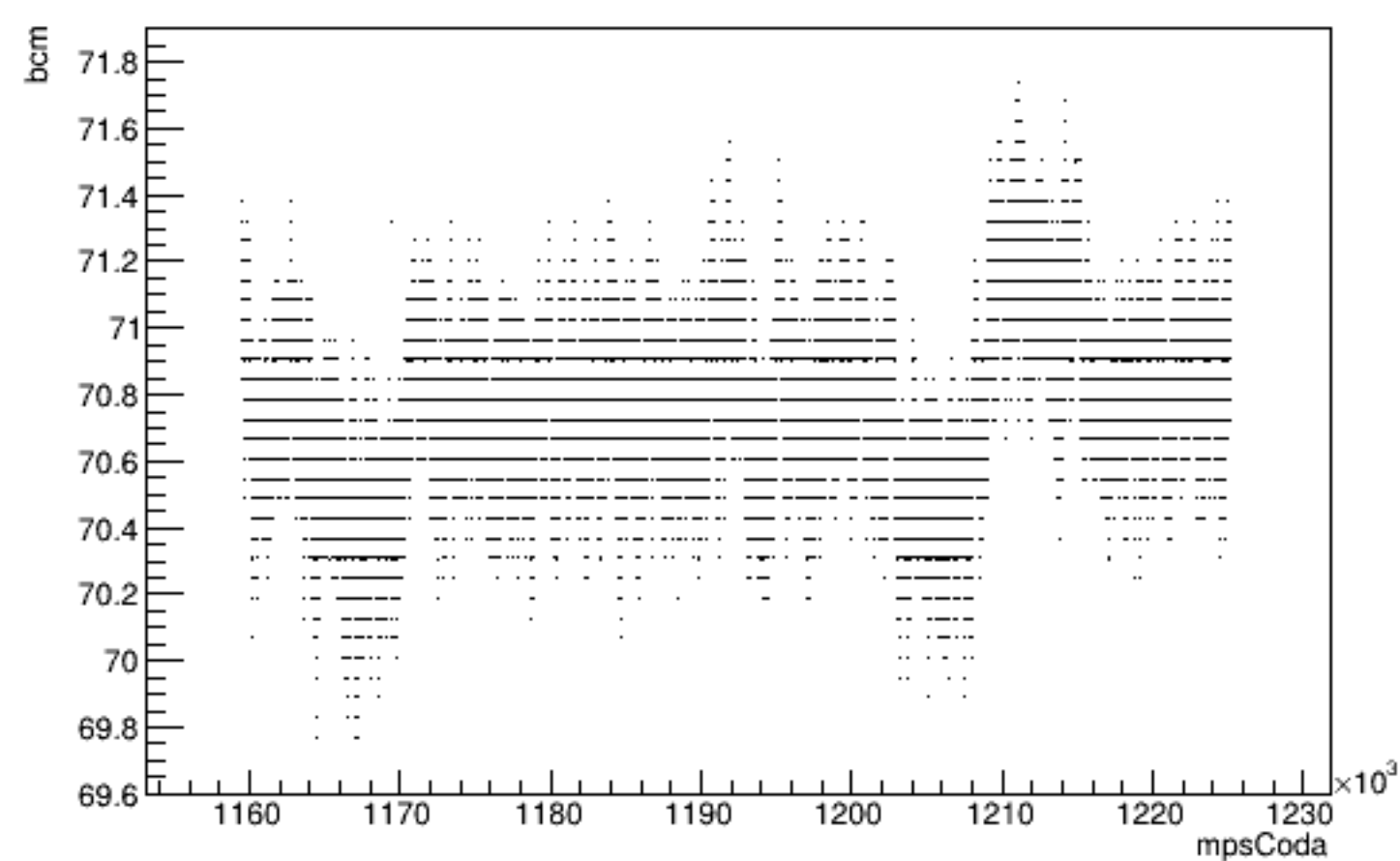
beamState + 1:mpsCoda {mpsCoda>=1159512 && mpsCoda<=1225127}



cavPowerCalibrated:mpsCoda {mpsCoda>=1159512 && mpsCoda<=1225127}



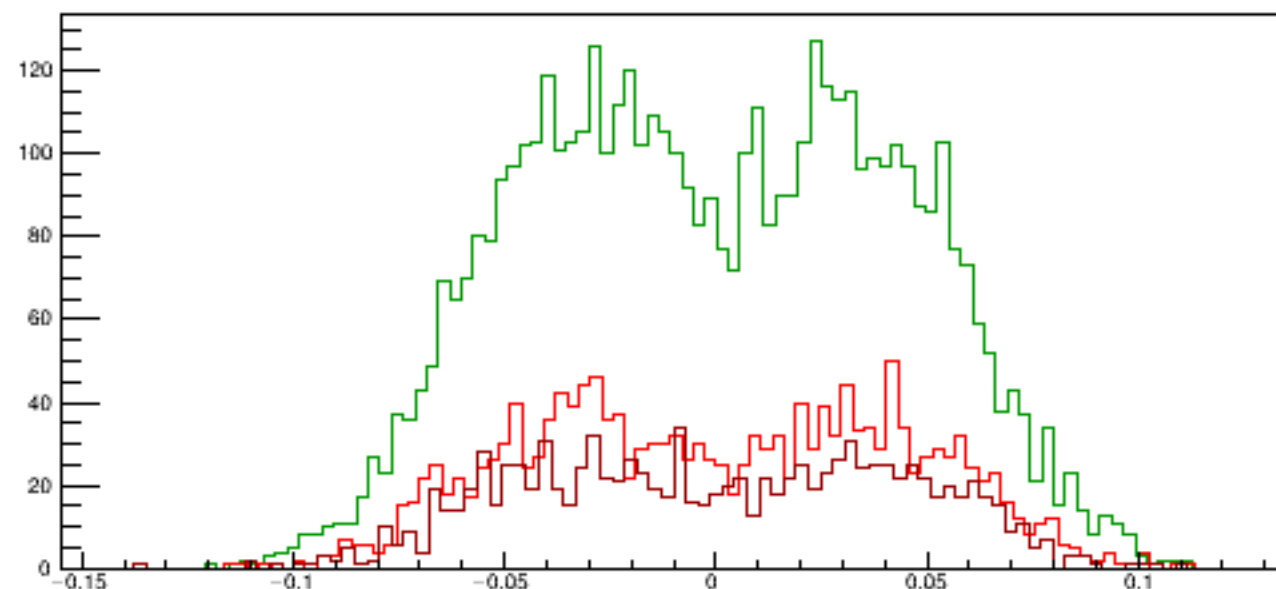
bcm:mpsCoda {mpsCoda>=1159512 && mpsCoda<=1225127}



Cycle 19, Diffs

Entries: 1691	Entries: 5122	Entries: 1092
Mean: 0.0003 +/- 0.0011	Mean: -0.0006 +/- 0.0006	Mean: -0.0003 +/- 0.0013
Std Dev: 0.0440 +/- 0.0008	Std Dev: 0.0433 +/- 0.0004	Std Dev: 0.0436 +/- 0.0009

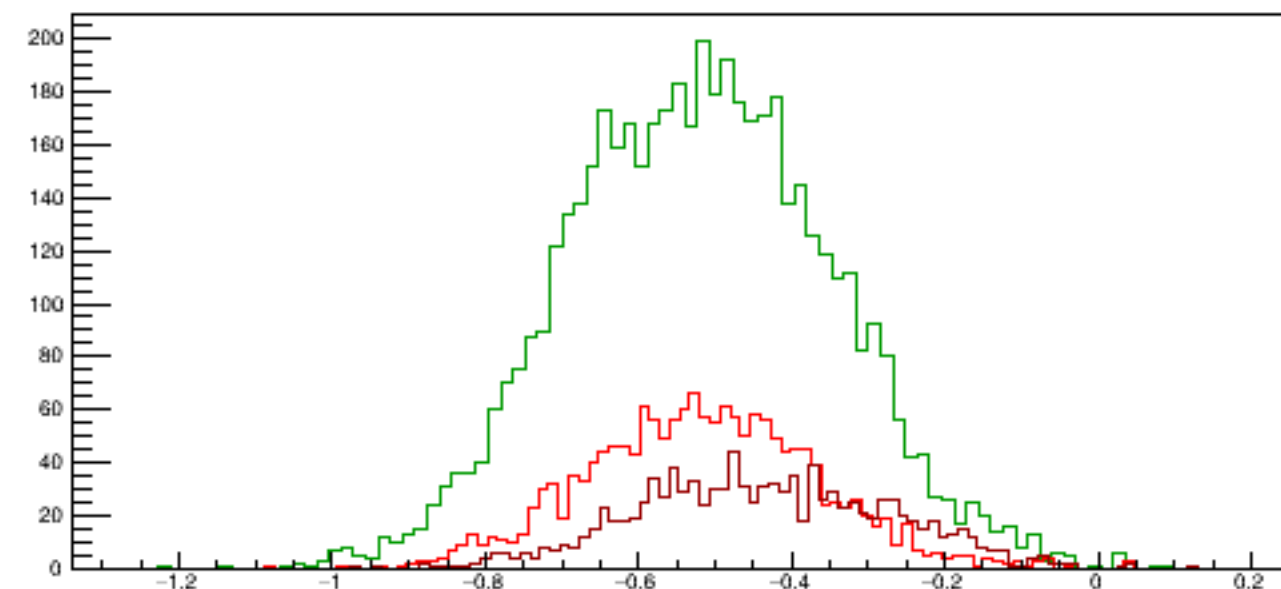
Run 4496 quartetwise, Diffs



Cycle 19, Sums

Entries: 1691	Entries: 5122	Entries: 1092
Mean: -0.5165 +/- 0.0037	Mean: -0.5211 +/- 0.0024	Mean: -0.4387 +/- 0.0050
Std Dev: 0.1515 +/- 0.0026	Std Dev: 0.1714 +/- 0.0017	Std Dev: 0.1655 +/- 0.0035

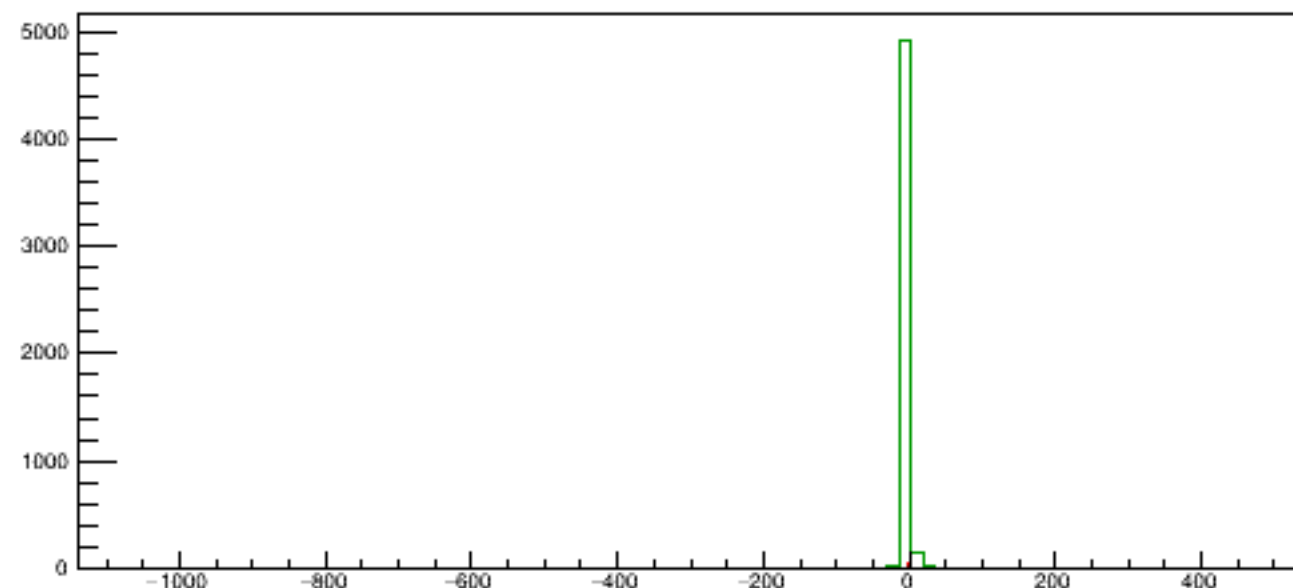
Run 4496 quartetwise, Sums



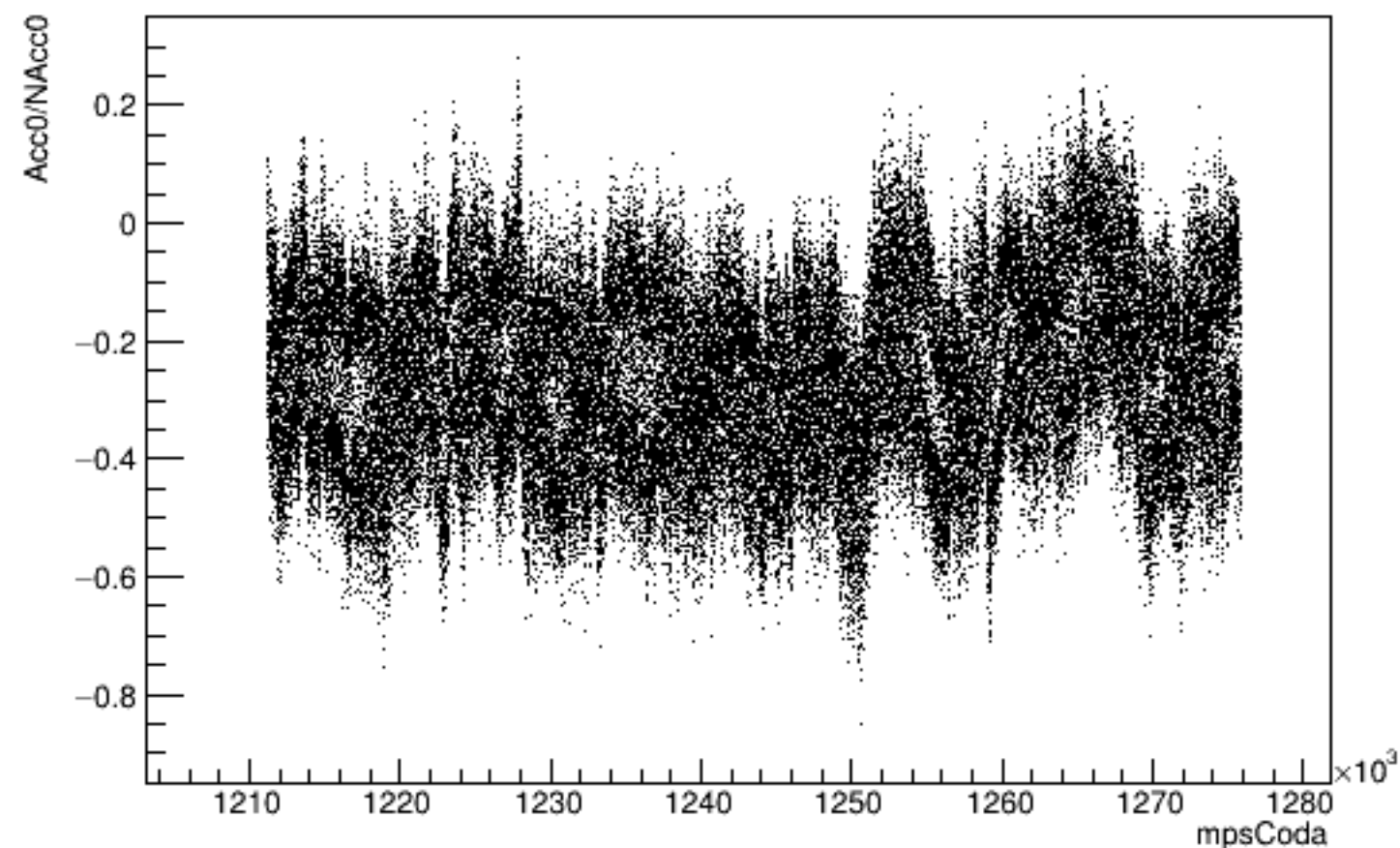
Cycle 19, Asyms

Entries: 1691	Entries: 5122	Entries: 1092
Mean: -0.0063 +/- 0.0246	Mean: -0.0821 +/- 0.2491	Mean: 0.0073 +/- 0.0303
Std Dev: 1.0110 +/- 0.0174	Std Dev: 17.8302 +/- 0.1762	Std Dev: 1.0015 +/- 0.0214

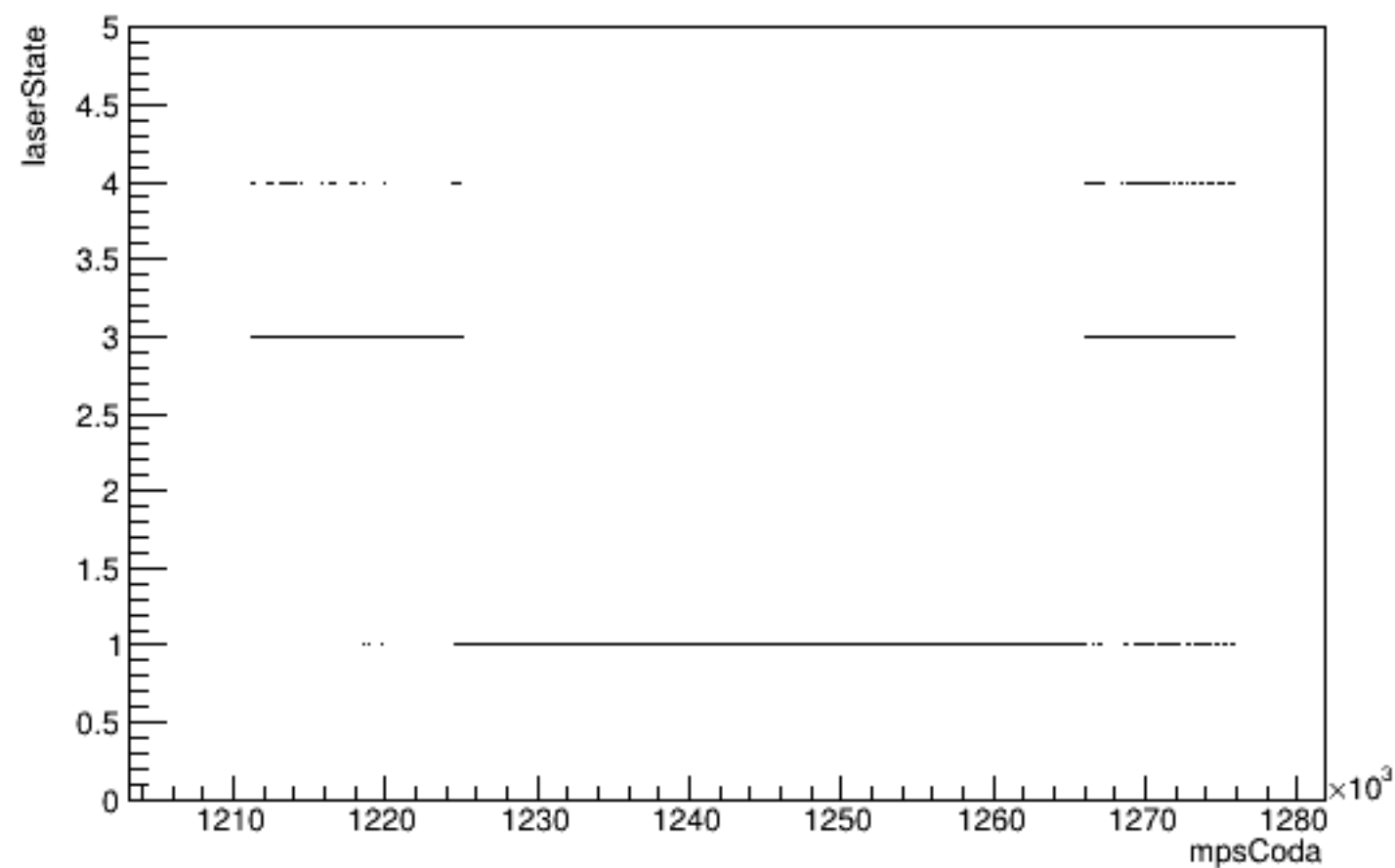
Run 4496 quartetwise, Asyms



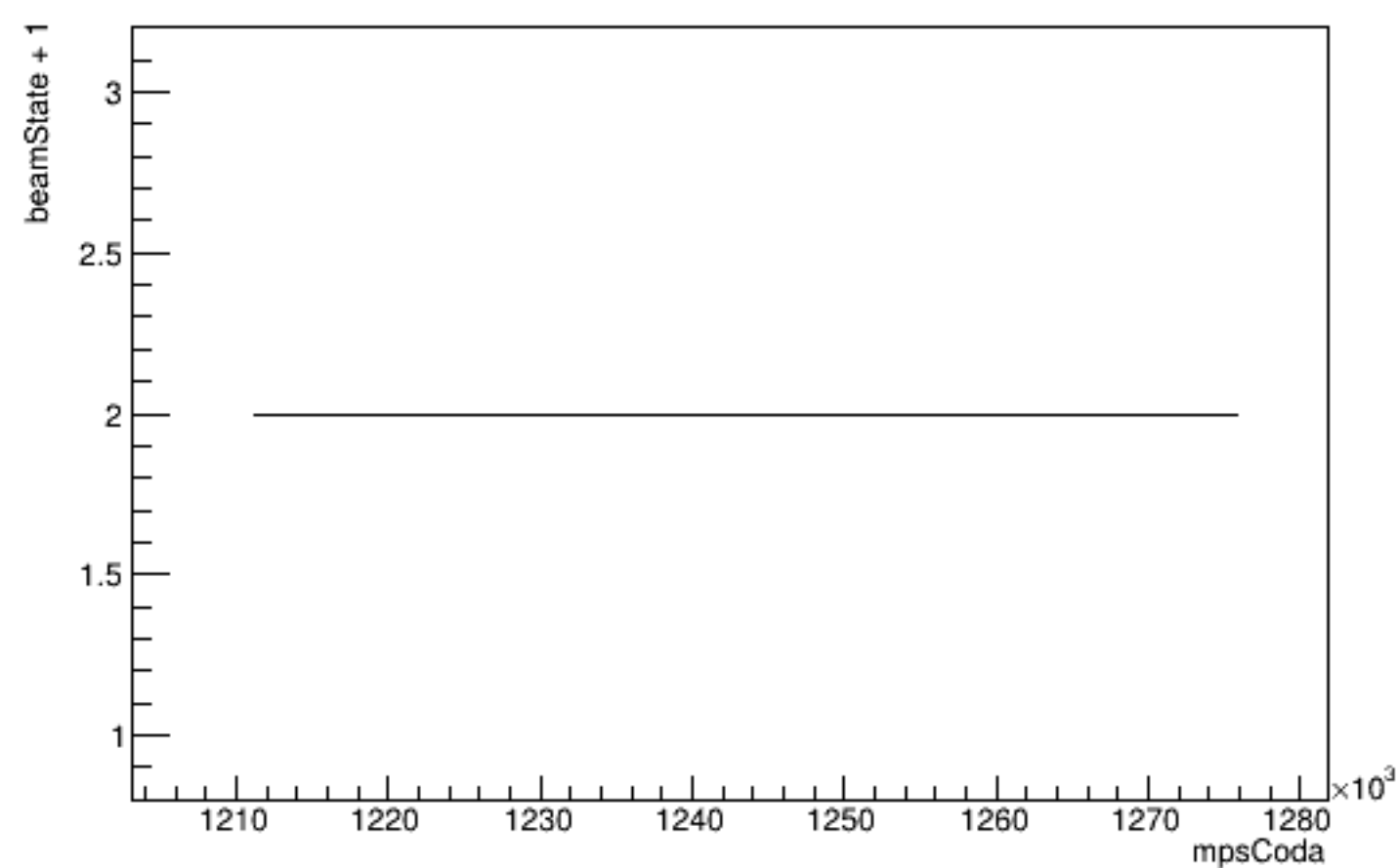
Acc0/NAcc0:mpsCoda (mpsCoda>=1211200 && mpsCoda<=1275839 && beamState==1)



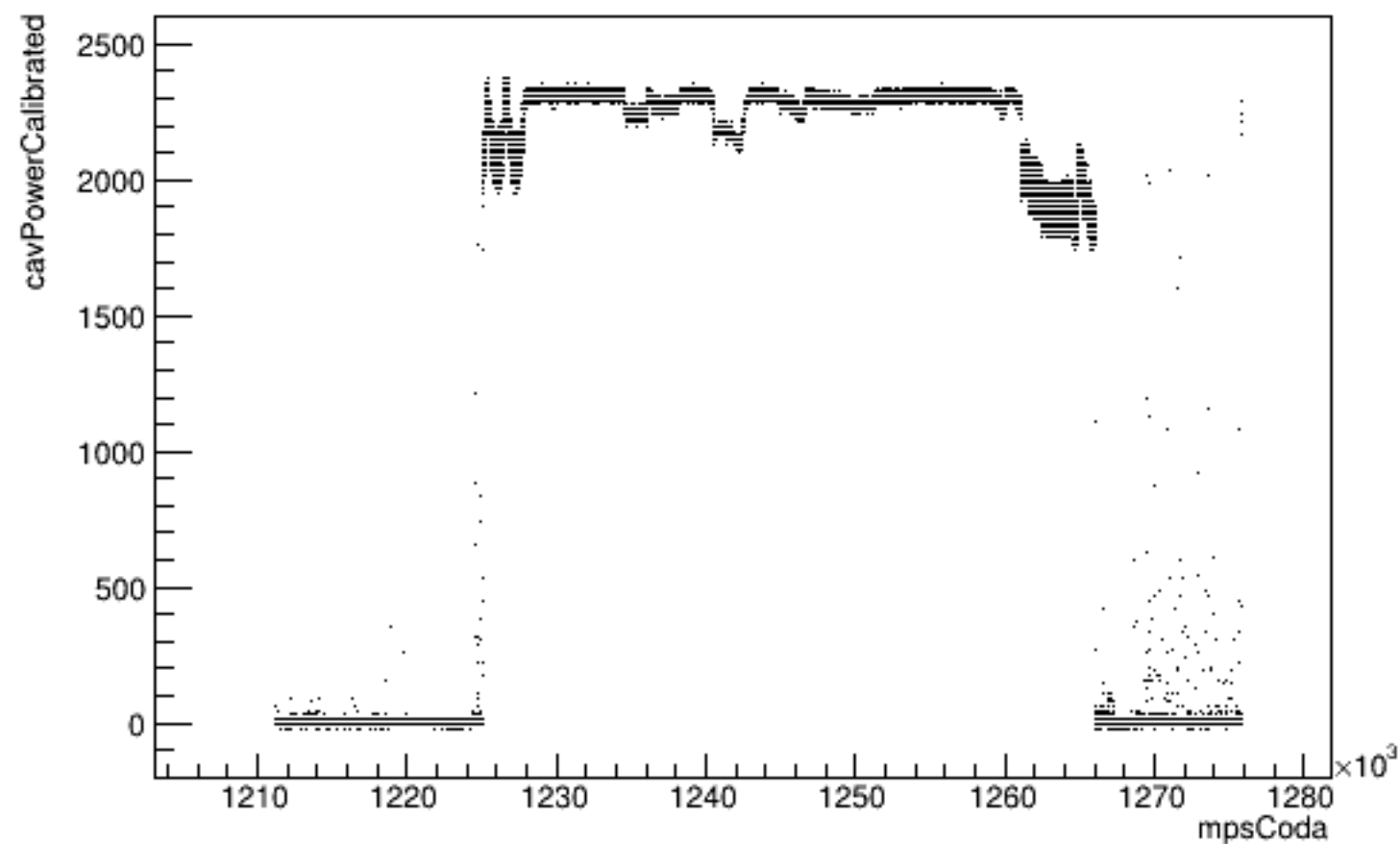
laserState:mpsCoda {mpsCoda>=1211200 && mpsCoda<=1275839}



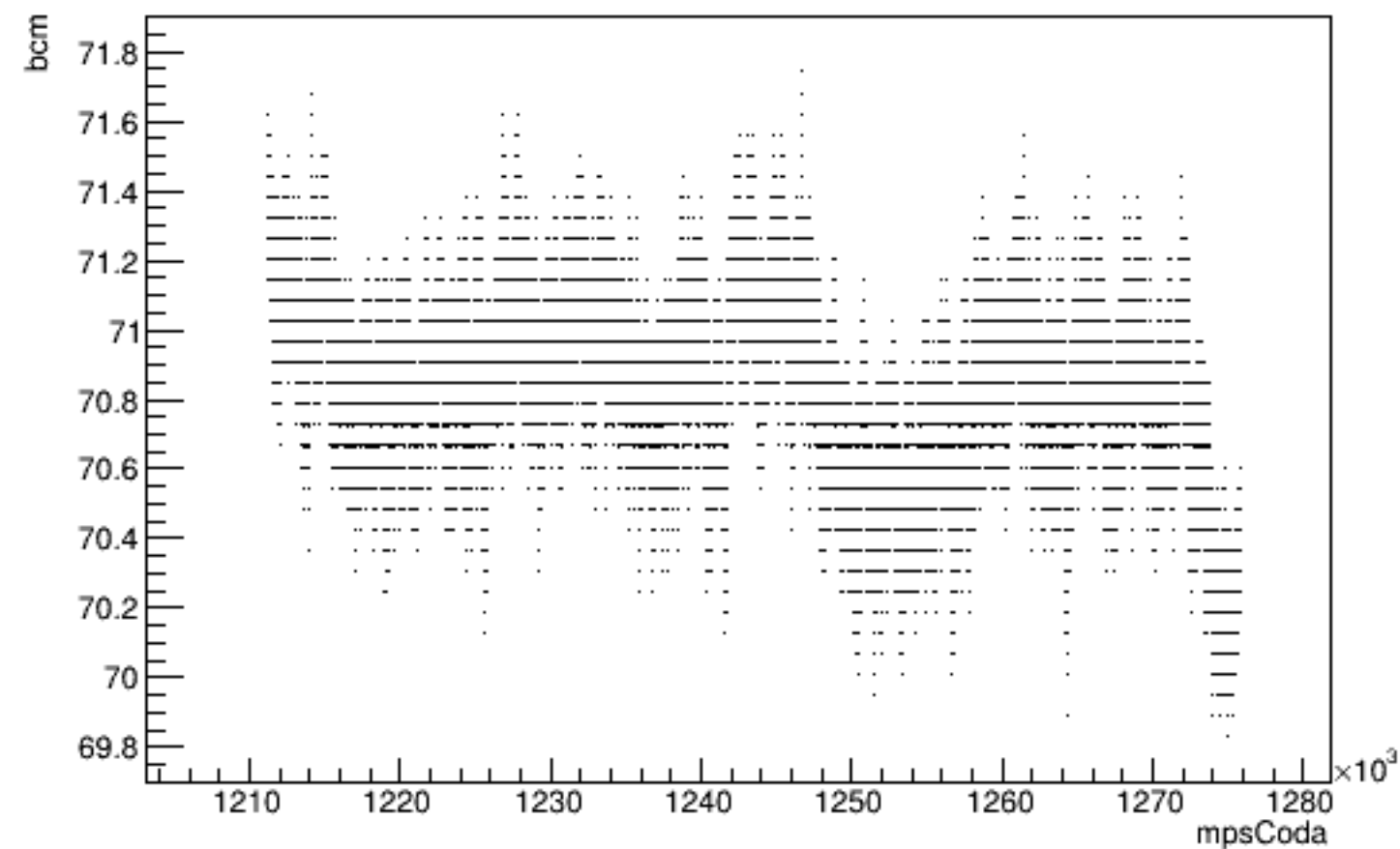
beamState + 1:mpsCoda {mpsCoda>=1211200 && mpsCoda<=1275839}



cavPowerCalibrated:mpsCoda {mpsCoda>=1211200 && mpsCoda<=1275839}



bcm:mpsCoda {mpsCoda>=1211200 && mpsCoda<=1275839}



Cycle 20, Diffs

Entries: 1092

Mean: -0.0003 +/- 0.0013

Std Dev: 0.0436 +/- 0.0009

Entries: 1543

Mean: -0.0007 +/- 0.0011

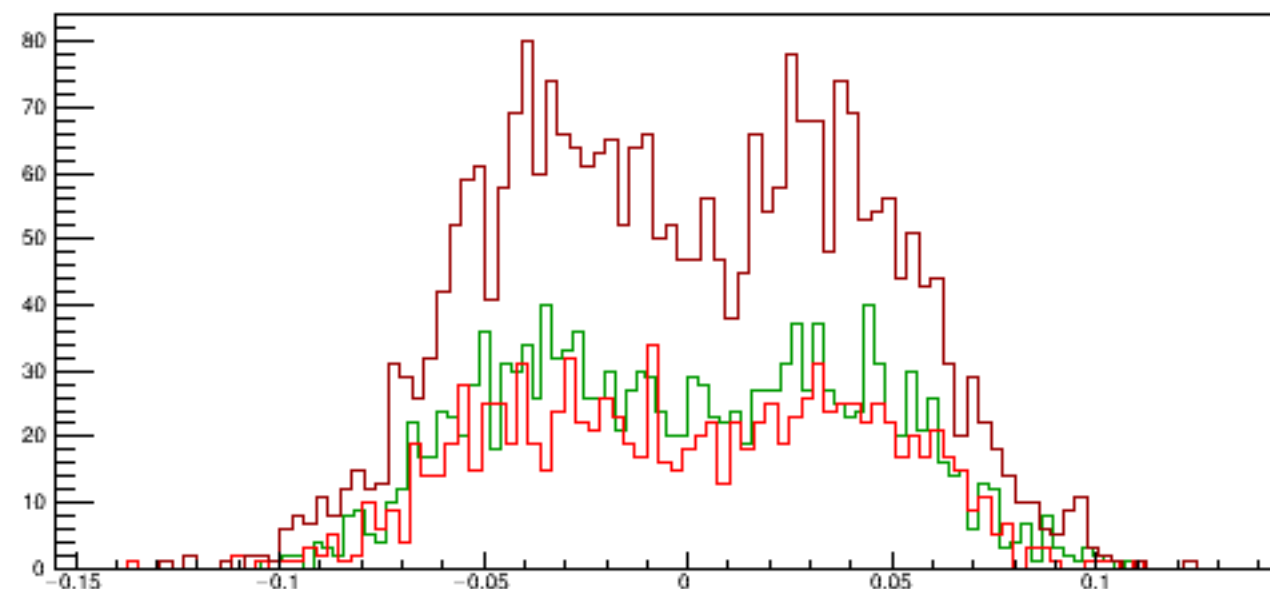
Std Dev: 0.0435 +/- 0.0008

Entries: 2819

Mean: -0.0013 +/- 0.0008

Std Dev: 0.0439 +/- 0.0006

Run 4496 quartetwise, Diffs



Cycle 20, Sums

Entries: 1092

Mean: -0.4387 +/- 0.0050

Std Dev: 0.1655 +/- 0.0035

Entries: 1543

Mean: -0.3256 +/- 0.0035

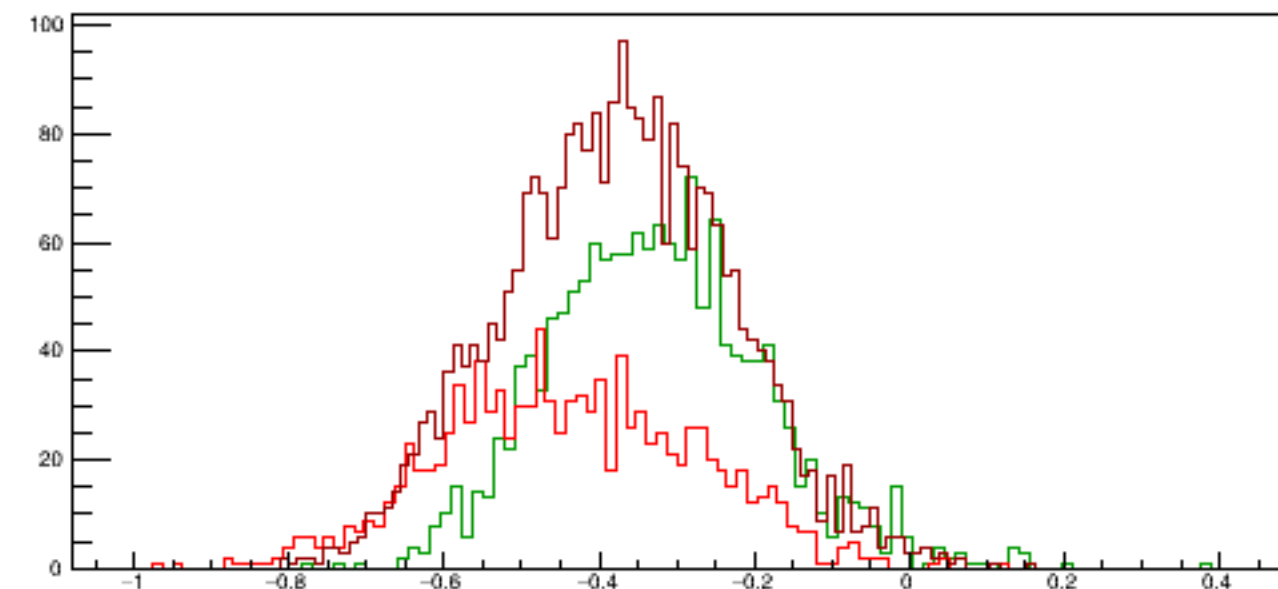
Std Dev: 0.1392 +/- 0.0025

Entries: 2819

Mean: -0.3767 +/- 0.0028

Std Dev: 0.1485 +/- 0.0020

Run 4496 quartetwise, Sums



Cycle 20, Asyms

Entries: 1092

Mean: -0.0039 +/- 0.0161

Std Dev: 0.5305 +/- 0.0114

Entries: 1543

Mean: -0.2020 +/- 0.1169

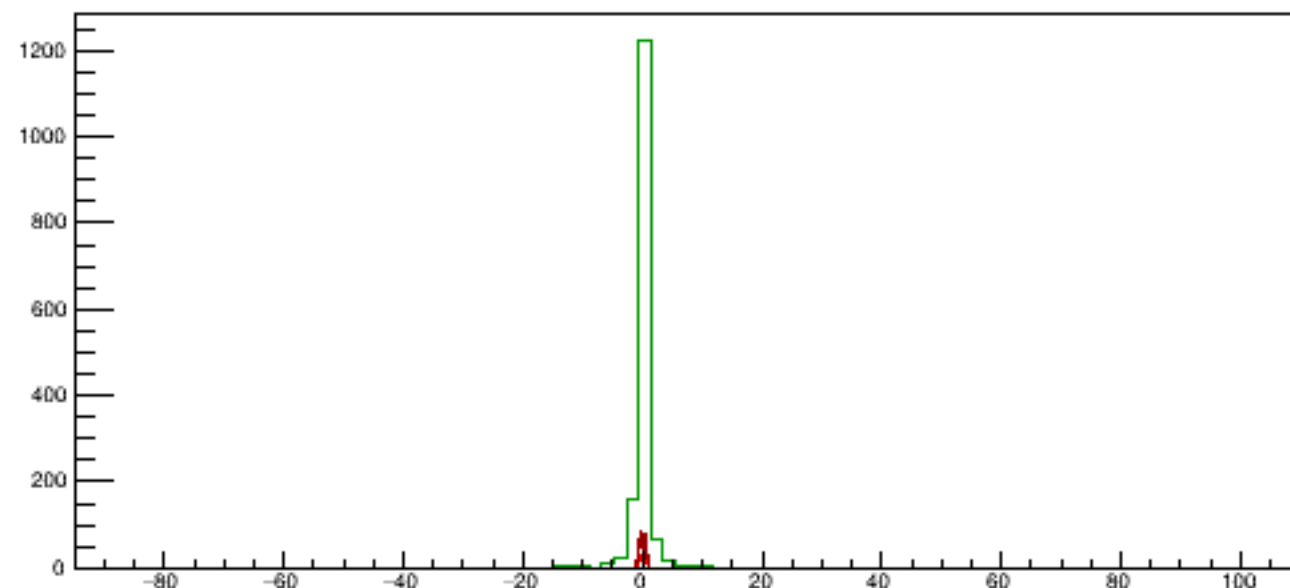
Std Dev: 4.5914 +/- 0.0827

Entries: 2819

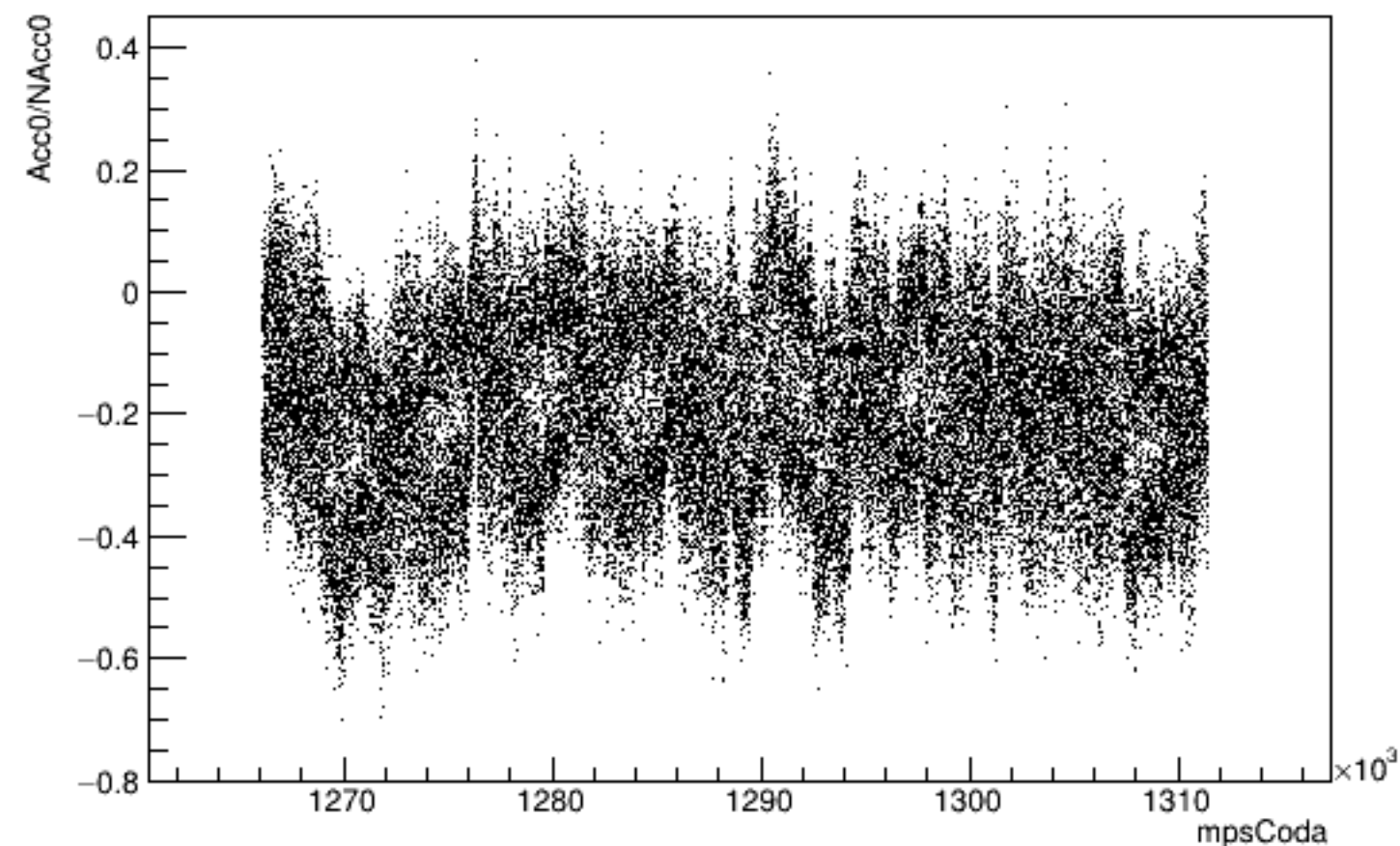
Mean: -0.0153 +/- 0.0101

Std Dev: 0.5348 +/- 0.0071

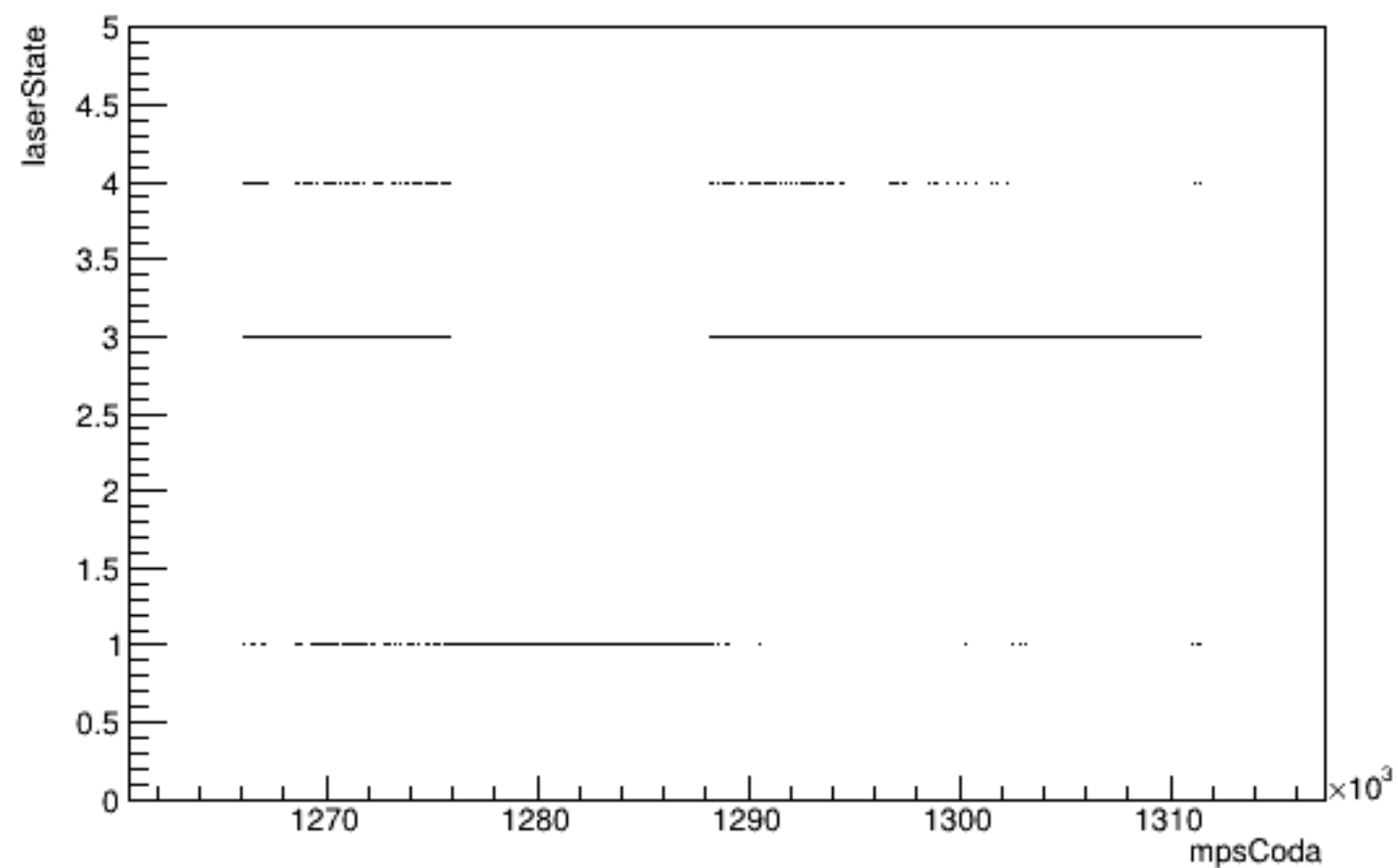
Run 4496 quartetwise, Asyms



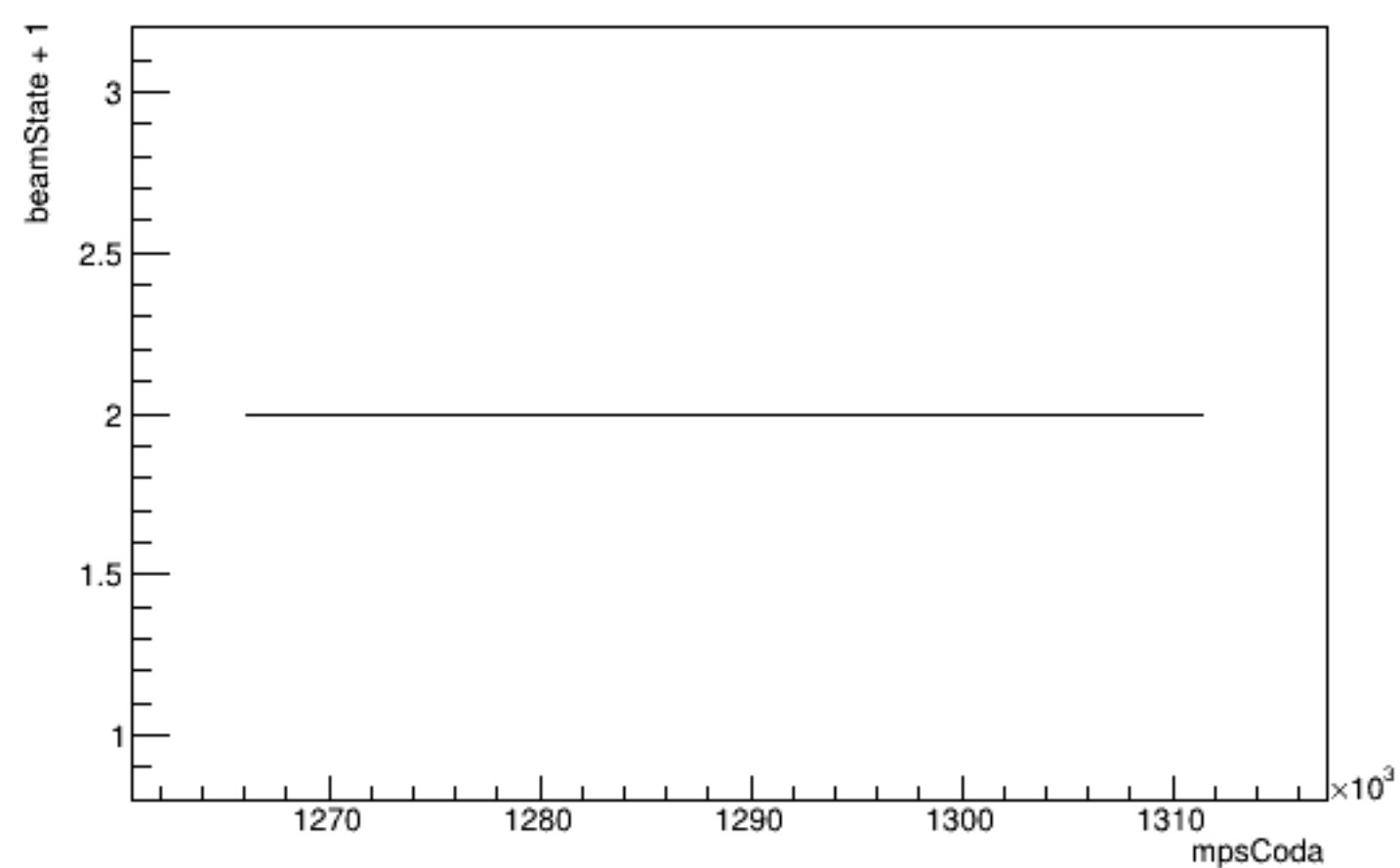
Acc0/NAcc0:mpsCoda (mpsCoda>=1266112 && mpsCoda<=1311407 && beamState==1)



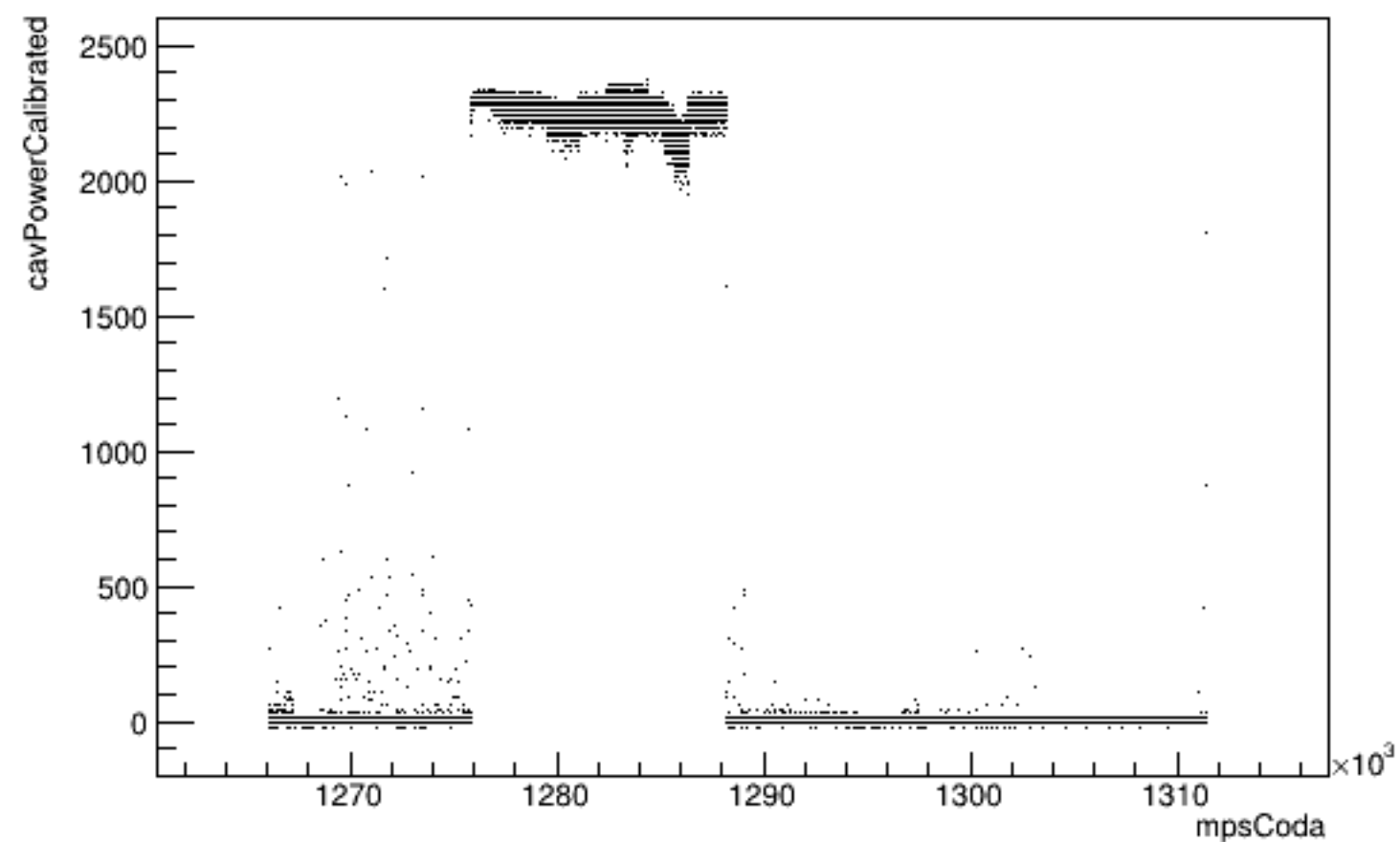
laserState:mpsCoda {mpsCoda>=1266112 && mpsCoda<=1311407}



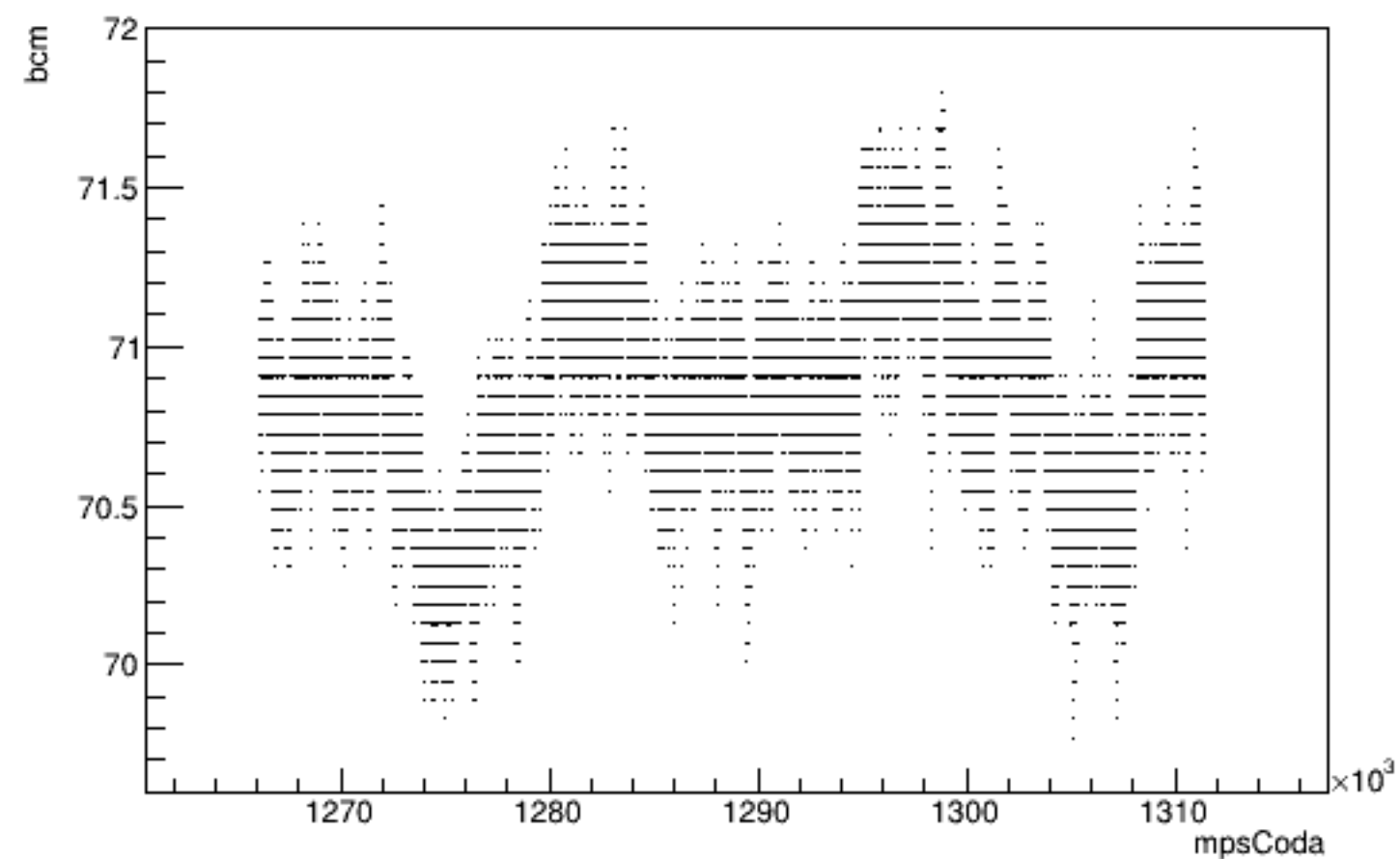
beamState + 1:mpsCoda {mpsCoda>=1266112 && mpsCoda<=1311407}



cavPowerCalibrated:mpsCoda {mpsCoda>=1266112 && mpsCoda<=1311407}



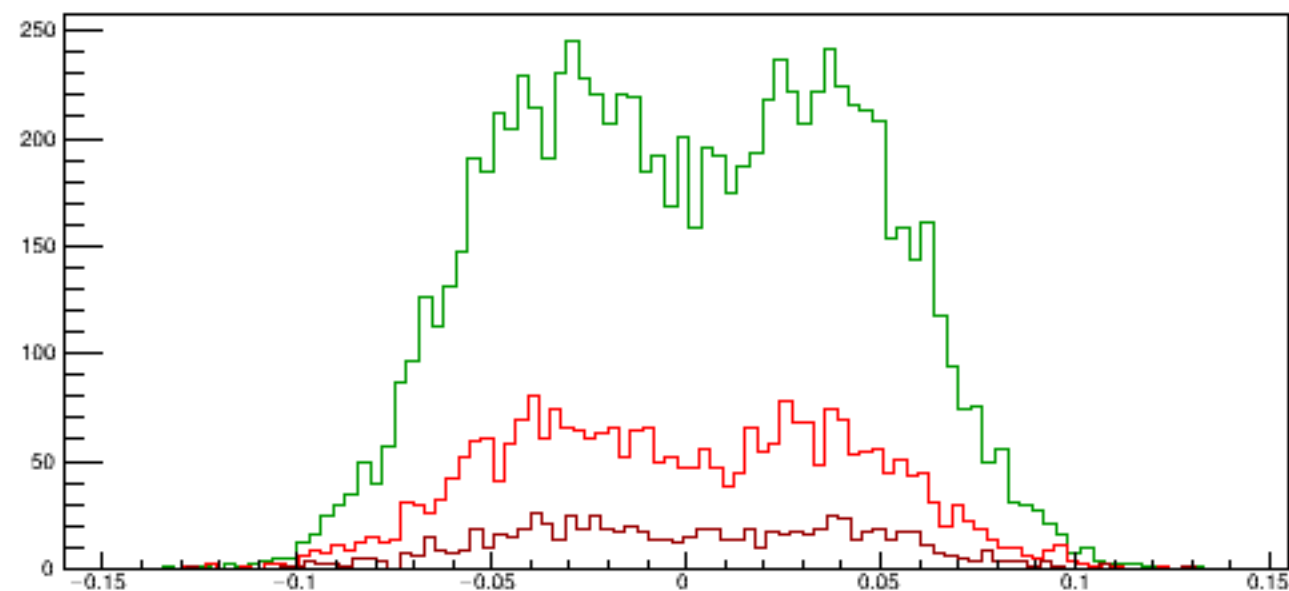
bcm:mpsCoda {mpsCoda>=1266112 && mpsCoda<=1311407}



Cycle 21, Diffs

Entries: 2819	Entries: 9271	Entries: 788
Mean: -0.0013 +/- 0.0008	Mean: -0.0003 +/- 0.0005	Mean: 0.0004 +/- 0.0016
Std Dev: 0.0439 +/- 0.0006	Std Dev: 0.0438 +/- 0.0003	Std Dev: 0.0436 +/- 0.0011

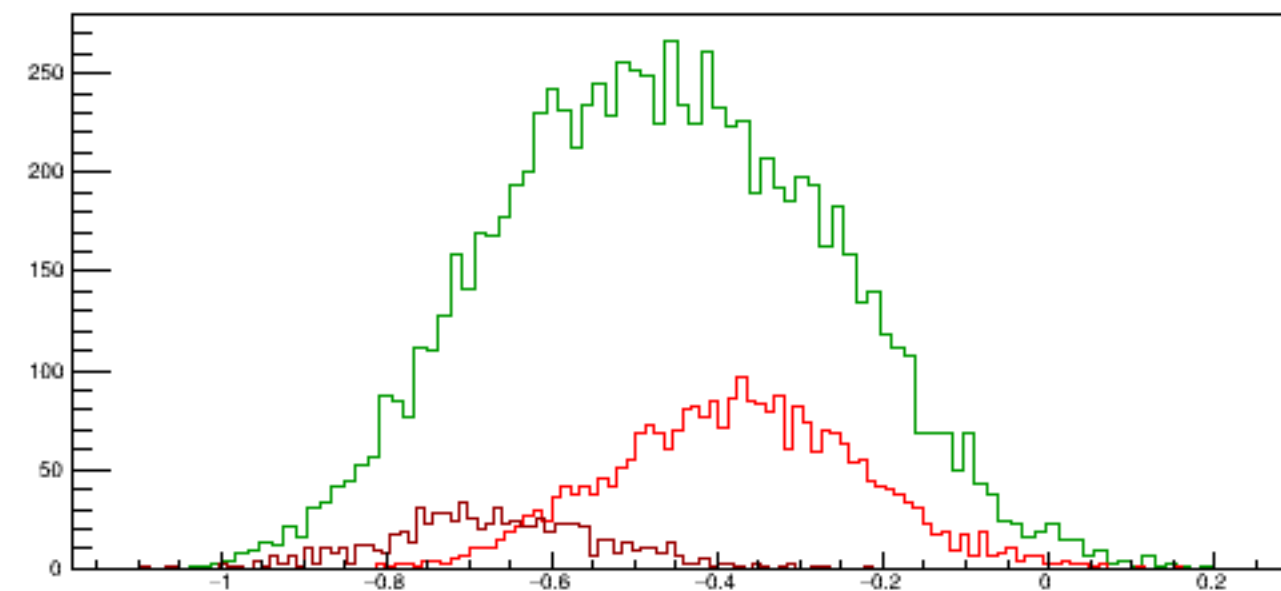
Run 4496 quartetwise, Diffs



Cycle 21, Sums

Entries: 2819	Entries: 9271	Entries: 788
Mean: -0.3767 +/- 0.0028	Mean: -0.4670 +/- 0.0021	Mean: -0.6674 +/- 0.0046
Std Dev: 0.1485 +/- 0.0020	Std Dev: 0.1988 +/- 0.0015	Std Dev: 0.1280 +/- 0.0032

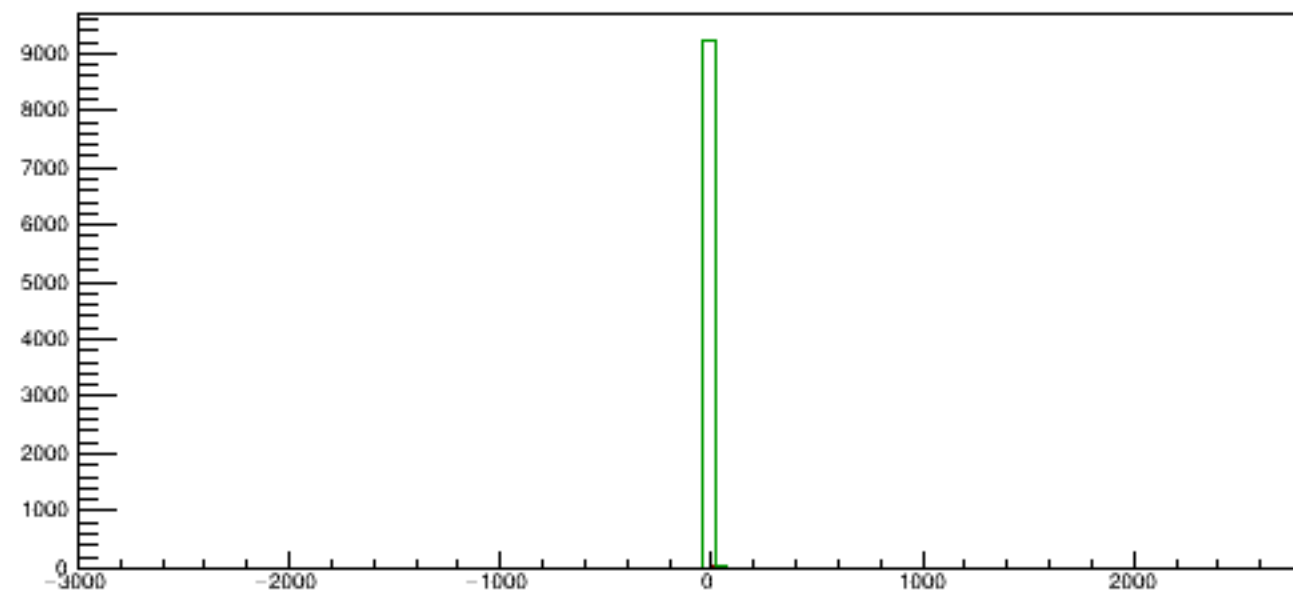
Run 4496 quartetwise, Sums



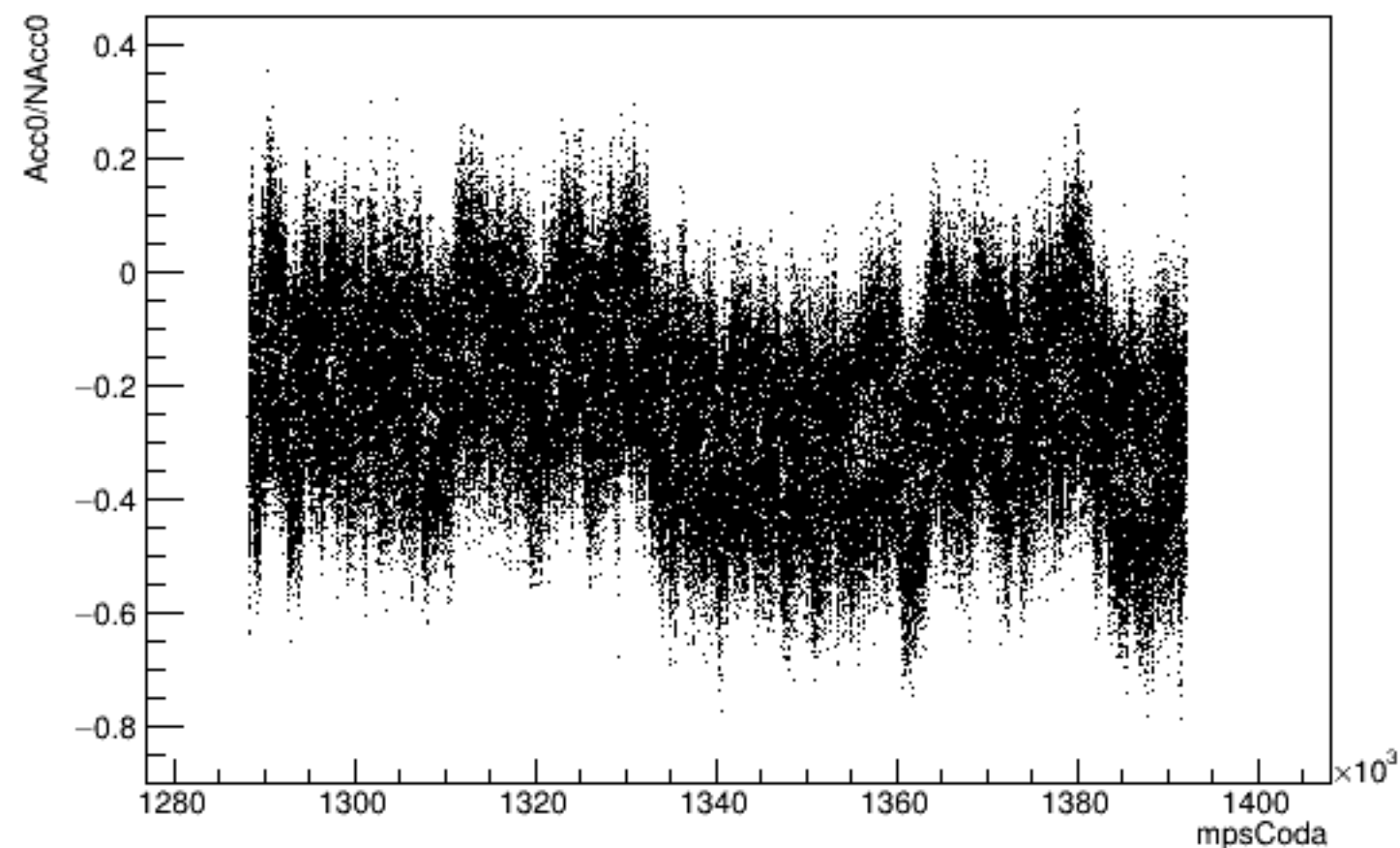
Cycle 21, Asyms

Entries: 2819	Entries: 9271	Entries: 788
Mean: -0.0228 +/- 0.0150	Mean: -0.3027 +/- 0.4358	Mean: 0.0077 +/- 0.0282
Std Dev: 0.7981 +/- 0.0106	Std Dev: 41.9635 +/- 0.3082	Std Dev: 0.7928 +/- 0.0200

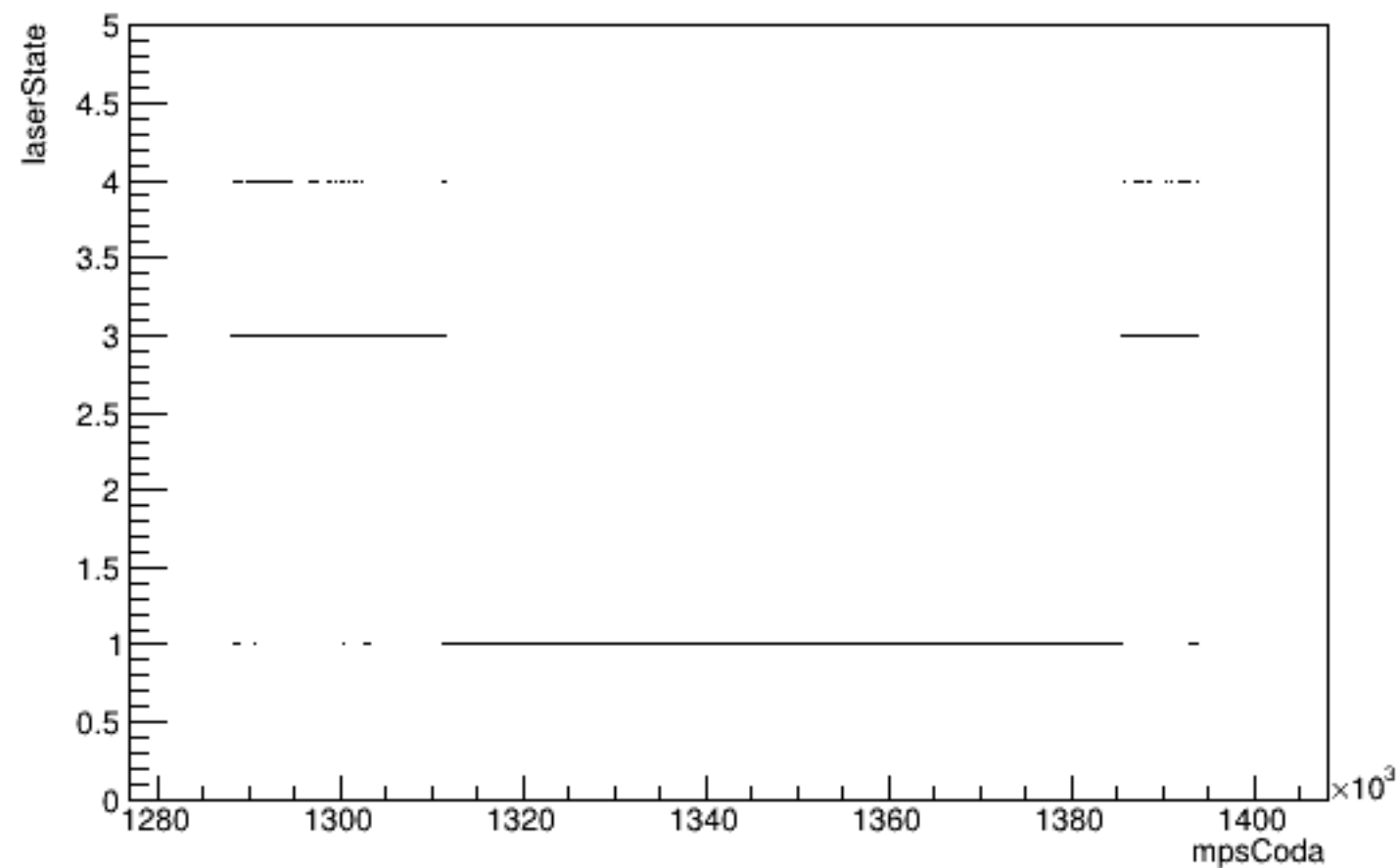
Run 4496 quartetwise, Asyms



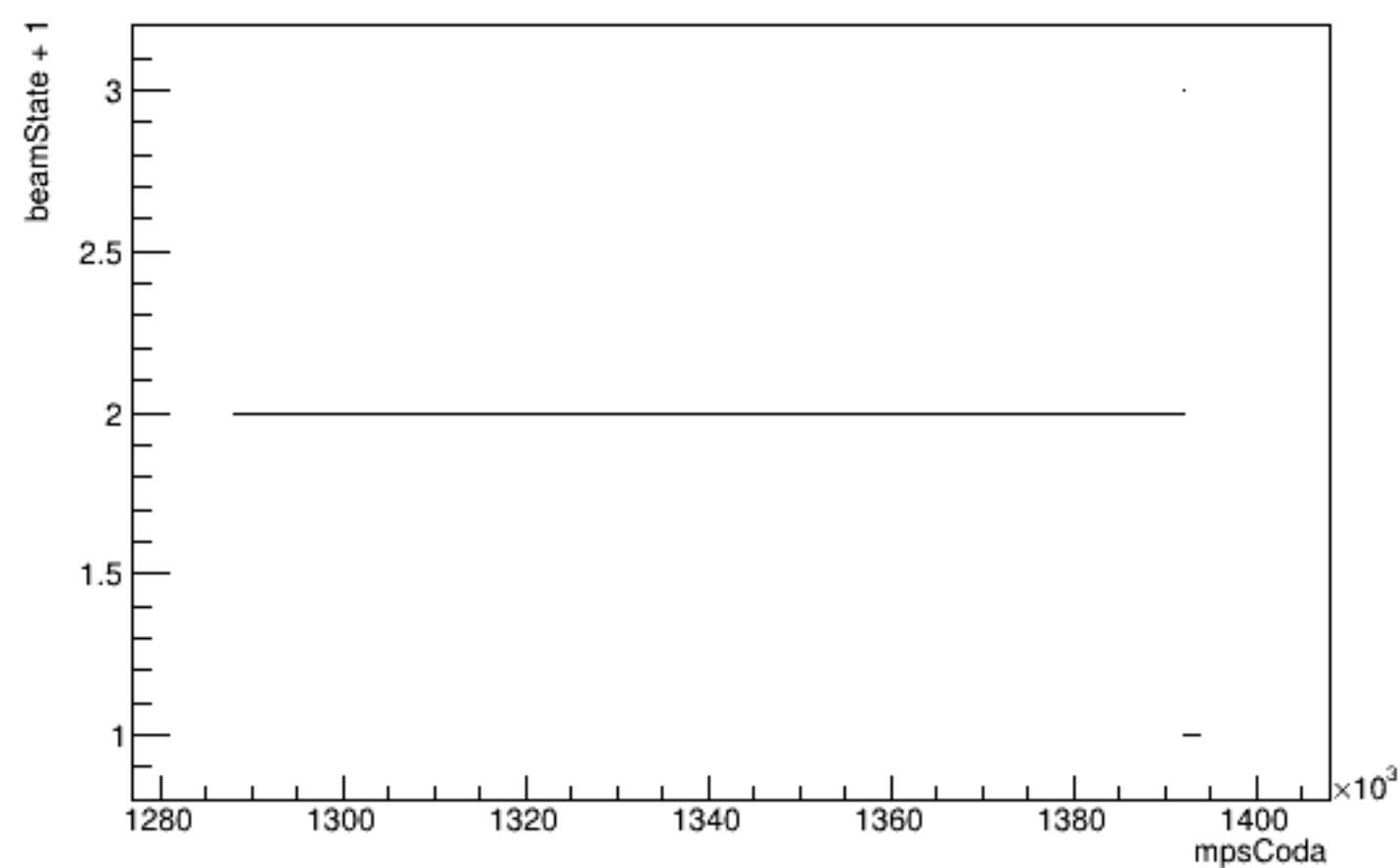
Acc0/NAcc0:mpsCoda (mpsCoda>=1288200 && mpsCoda<=1393703 && beamState==1)



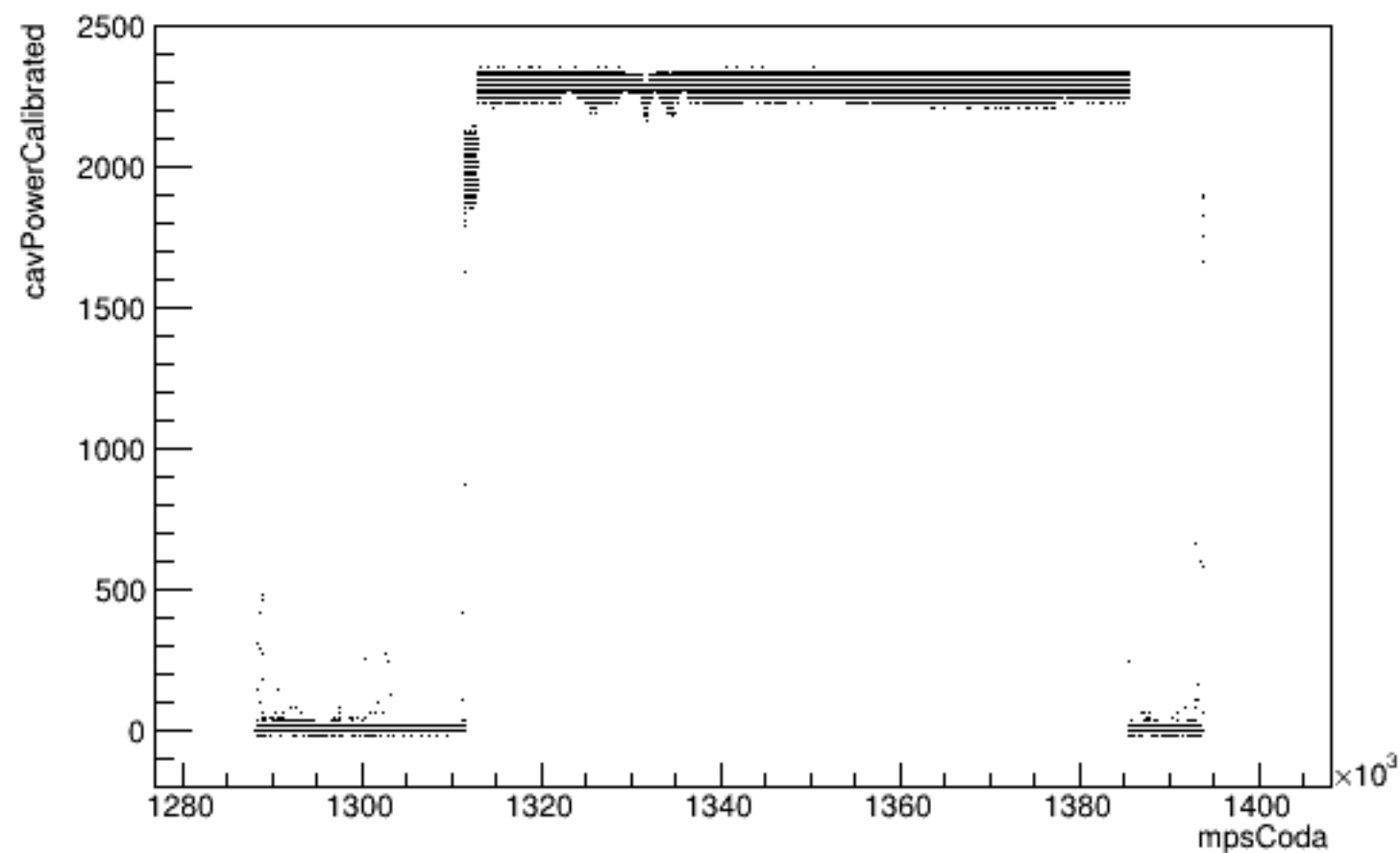
laserState:mpsCoda {mpsCoda>=1288200 && mpsCoda<=1393703}



beamState + 1:mpsCoda {mpsCoda>=1288200 && mpsCoda<=1393703}



cavPowerCalibrated:mpsCoda {mpsCoda>=1288200 && mpsCoda<=1393703}



bcm:mpsCoda {mpsCoda>=1288200 && mpsCoda<=1393703}

