

Cycle 1, Diffs

Entries: 2526

Mean: 0.0012 +/- 0.0009

Std Dev: 0.0438 +/- 0.0006

Entries: 4767

Mean: 0.0002 +/- 0.0006

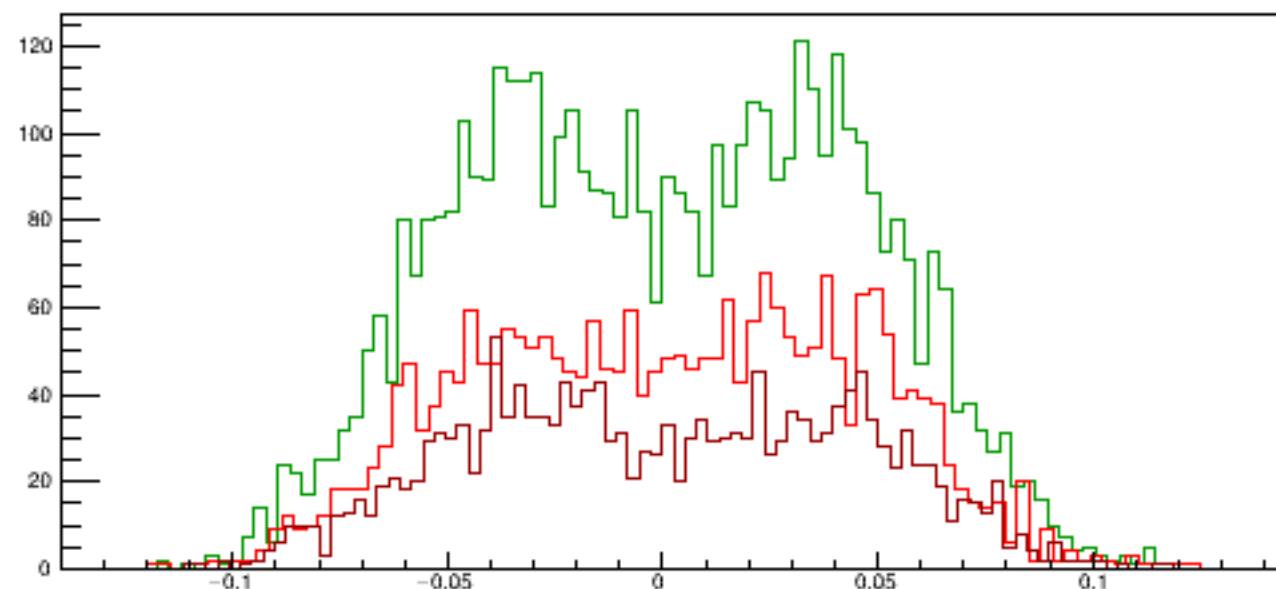
Std Dev: 0.0440 +/- 0.0005

Entries: 1774

Mean: 0.0005 +/- 0.0010

Std Dev: 0.0441 +/- 0.0007

Run 4495 quartetwise, Diffs



Cycle 1, Sums

Entries: 2526

Mean: -0.6964 +/- 0.0035

Std Dev: 0.1758 +/- 0.0025

Entries: 4767

Mean: -0.5528 +/- 0.0023

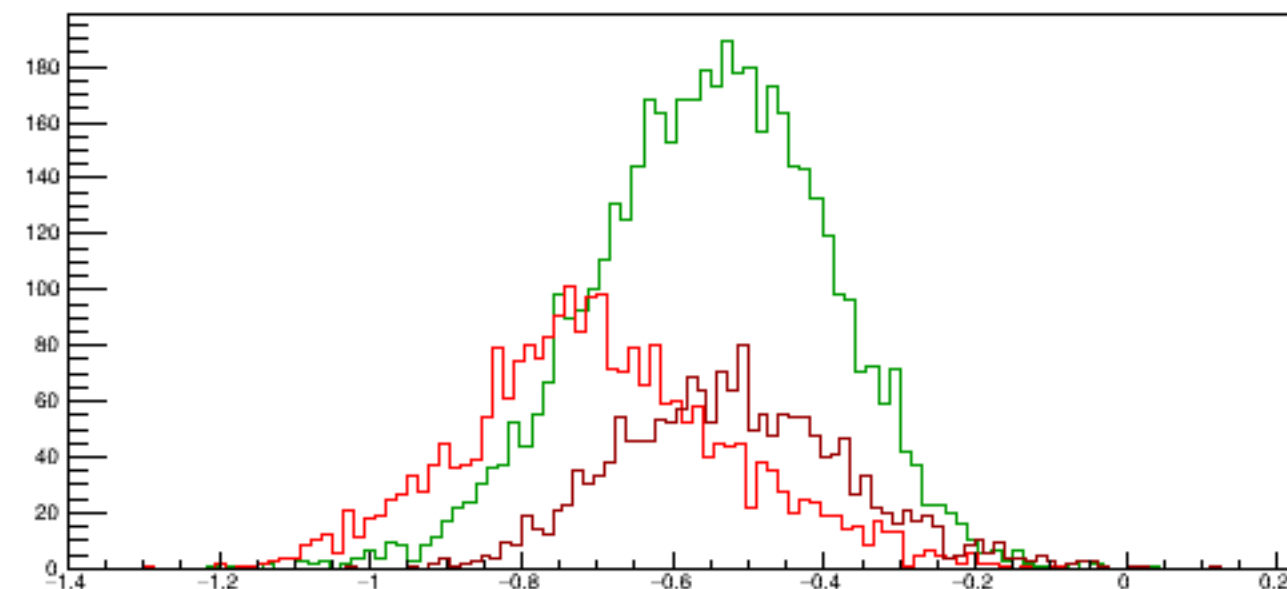
Std Dev: 0.1560 +/- 0.0016

Entries: 1774

Mean: -0.5191 +/- 0.0037

Std Dev: 0.1546 +/- 0.0026

Run 4495 quartetwise, Sums



Cycle 1, Asyms

Entries: 2526

Mean: 0.0217 +/- 0.0159

Std Dev: 0.7972 +/- 0.0112

Entries: 4767

Mean: 0.1376 +/- 0.0972

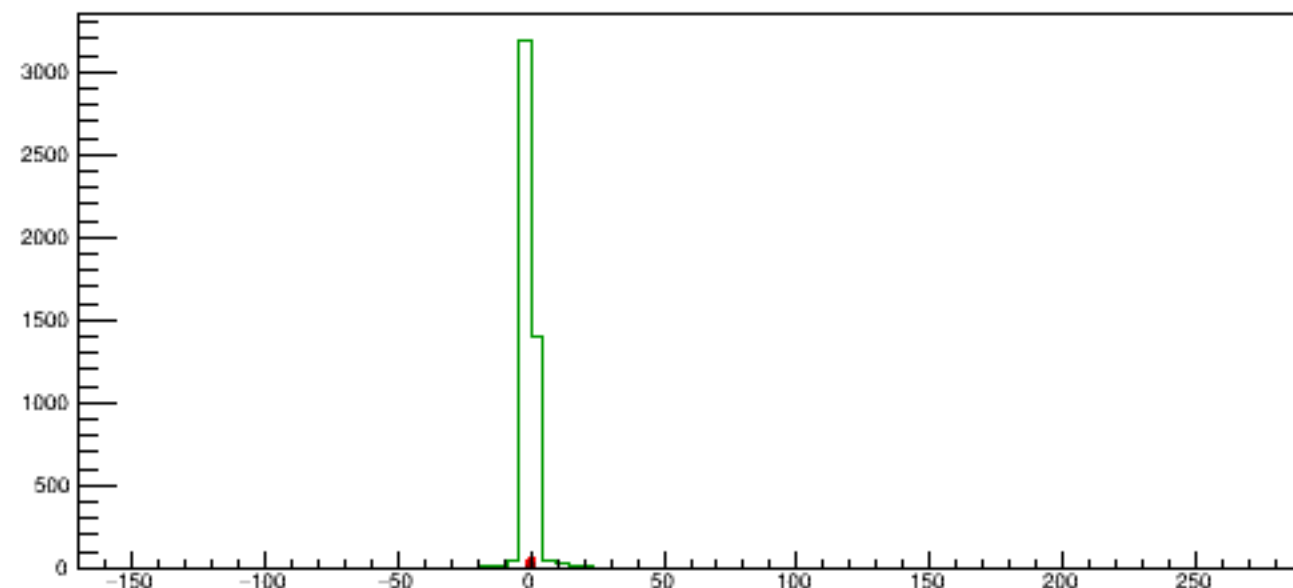
Std Dev: 6.7094 +/- 0.0687

Entries: 1774

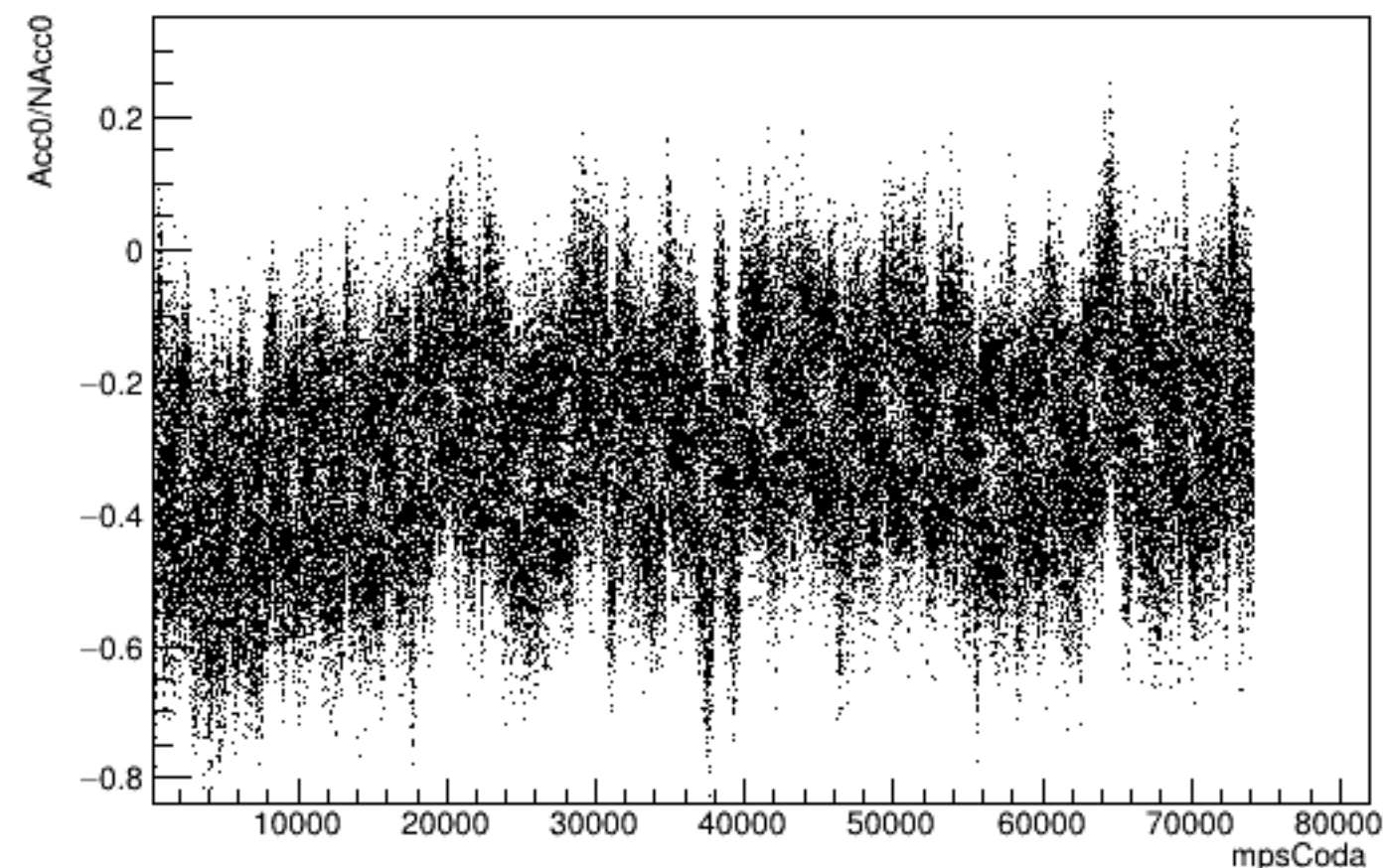
Mean: 0.0094 +/- 0.0190

Std Dev: 0.8012 +/- 0.0135

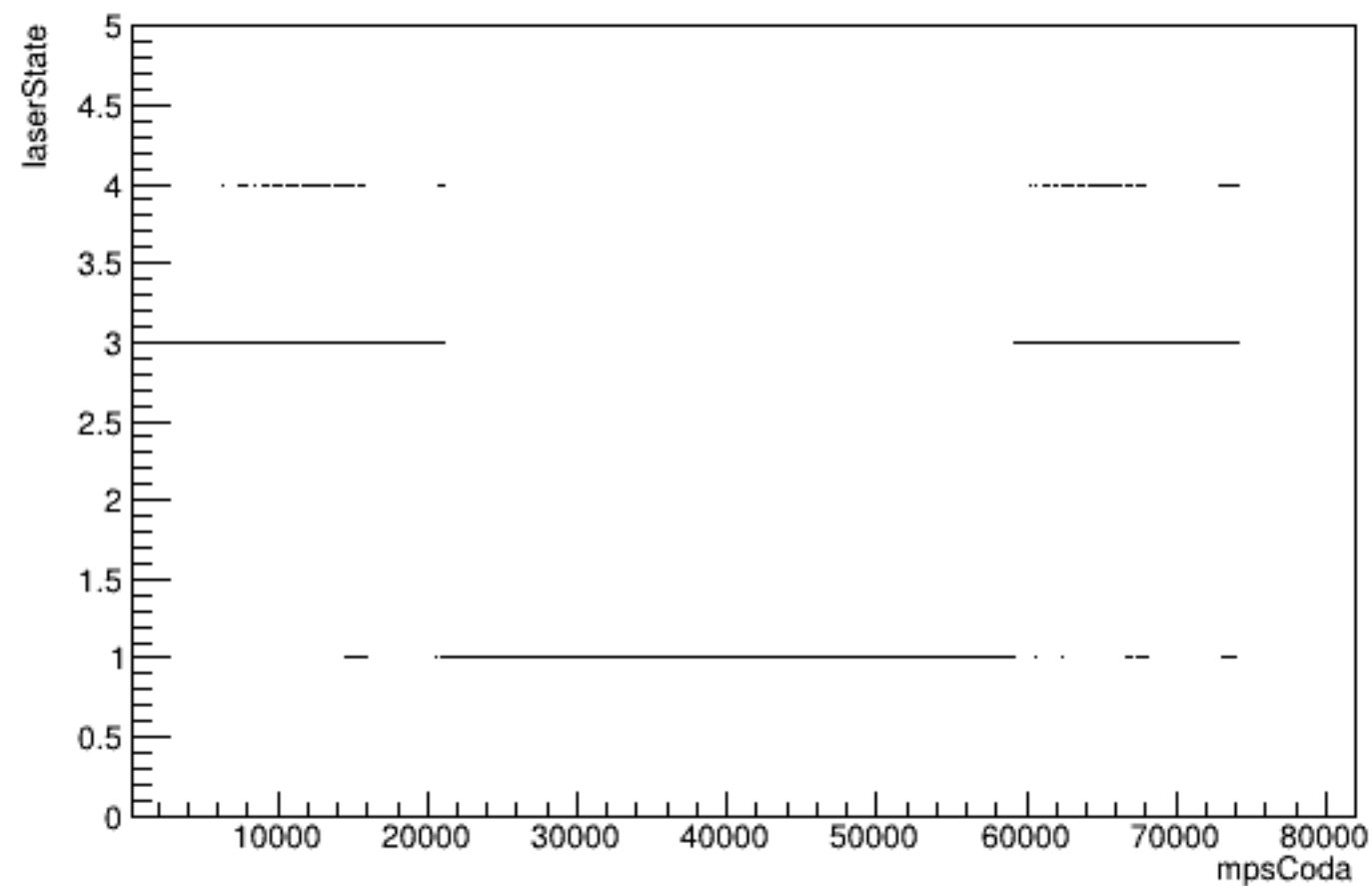
Run 4495 quartetwise, Asyms



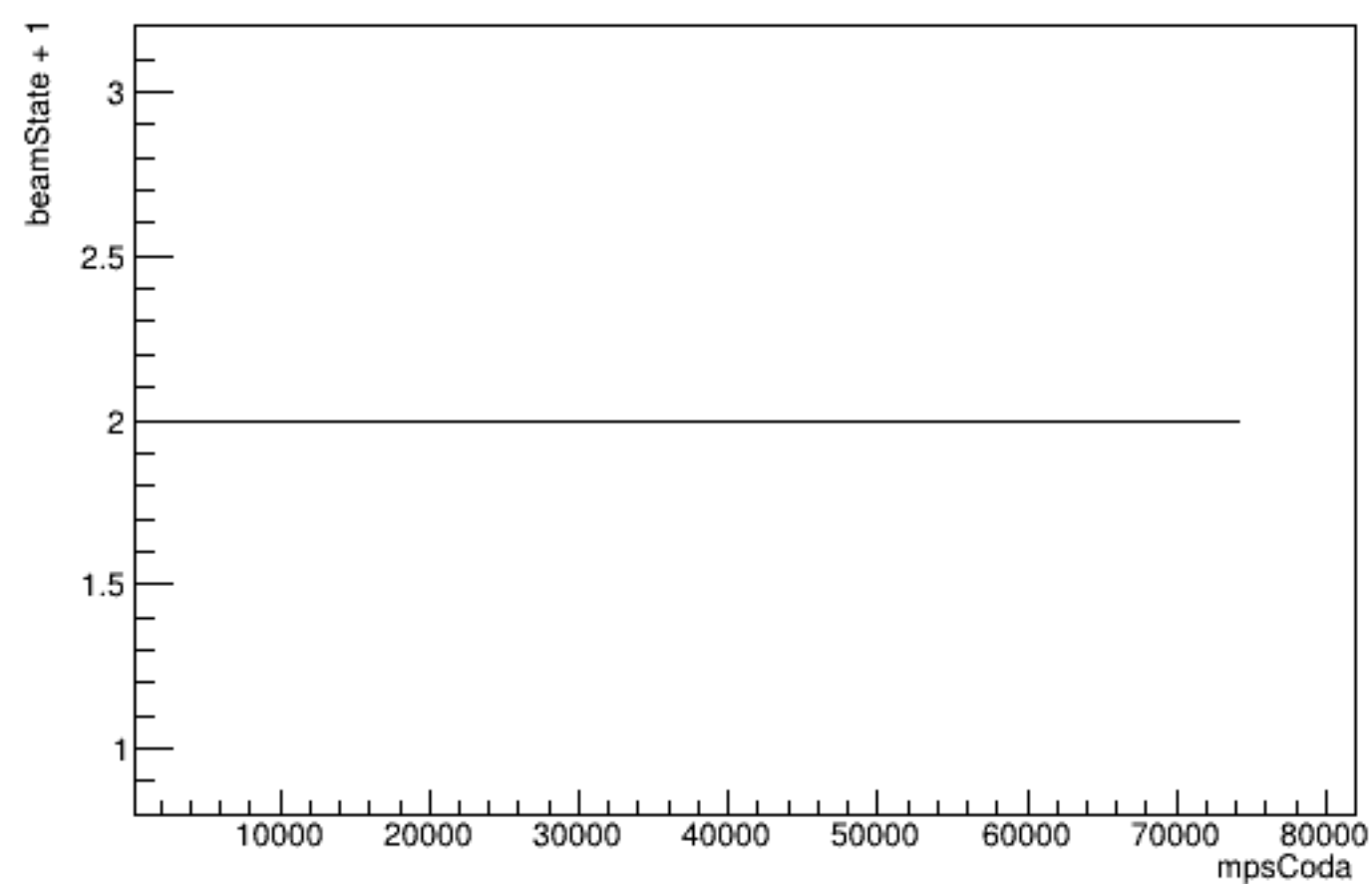
Acc0/NAcc0:mpsCoda {mpsCoda>=263 && mpsCoda<=74166 && beamState==1}



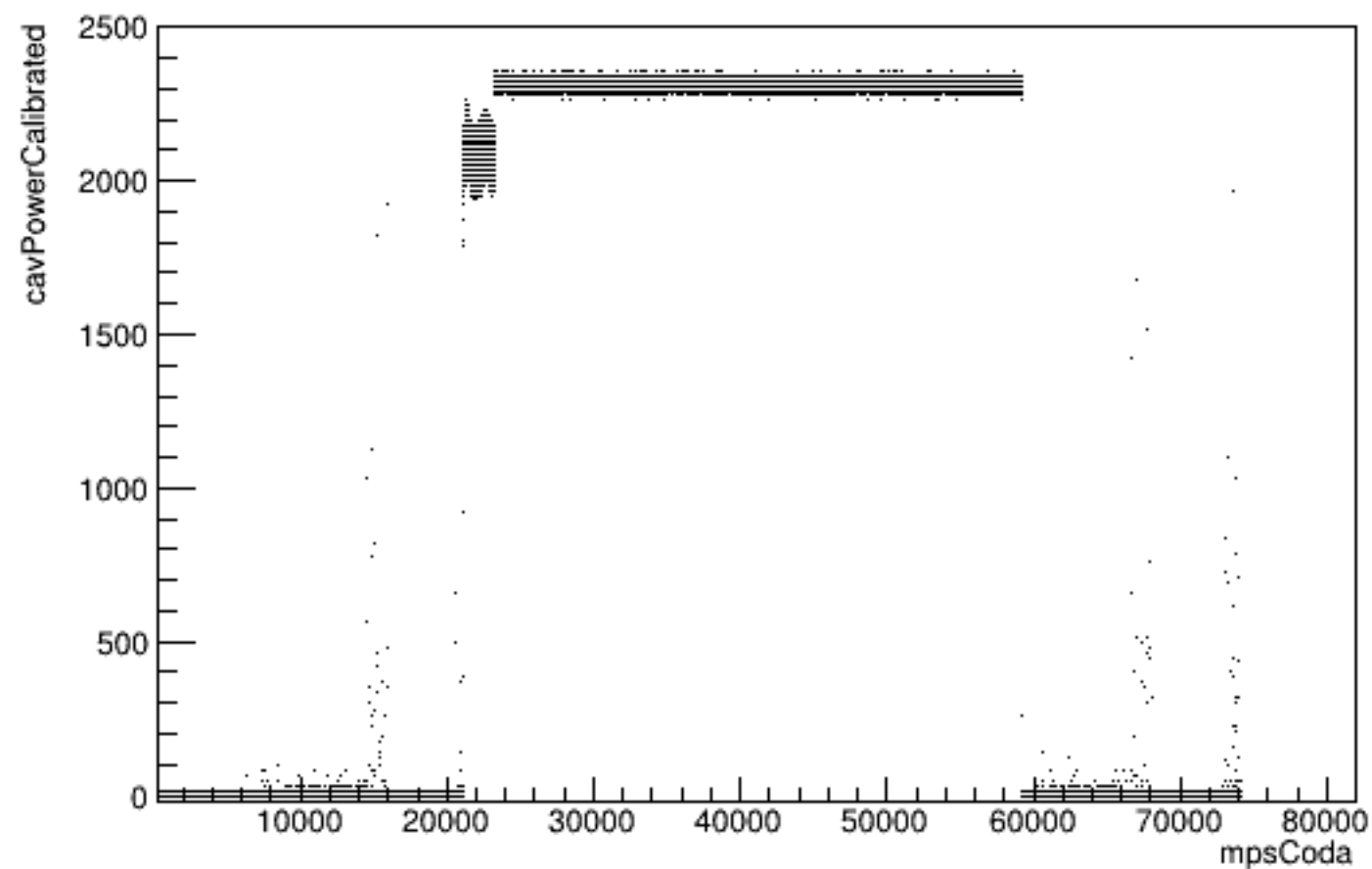
laserState:mpsCoda {mpsCoda>=263 && mpsCoda<=74166}



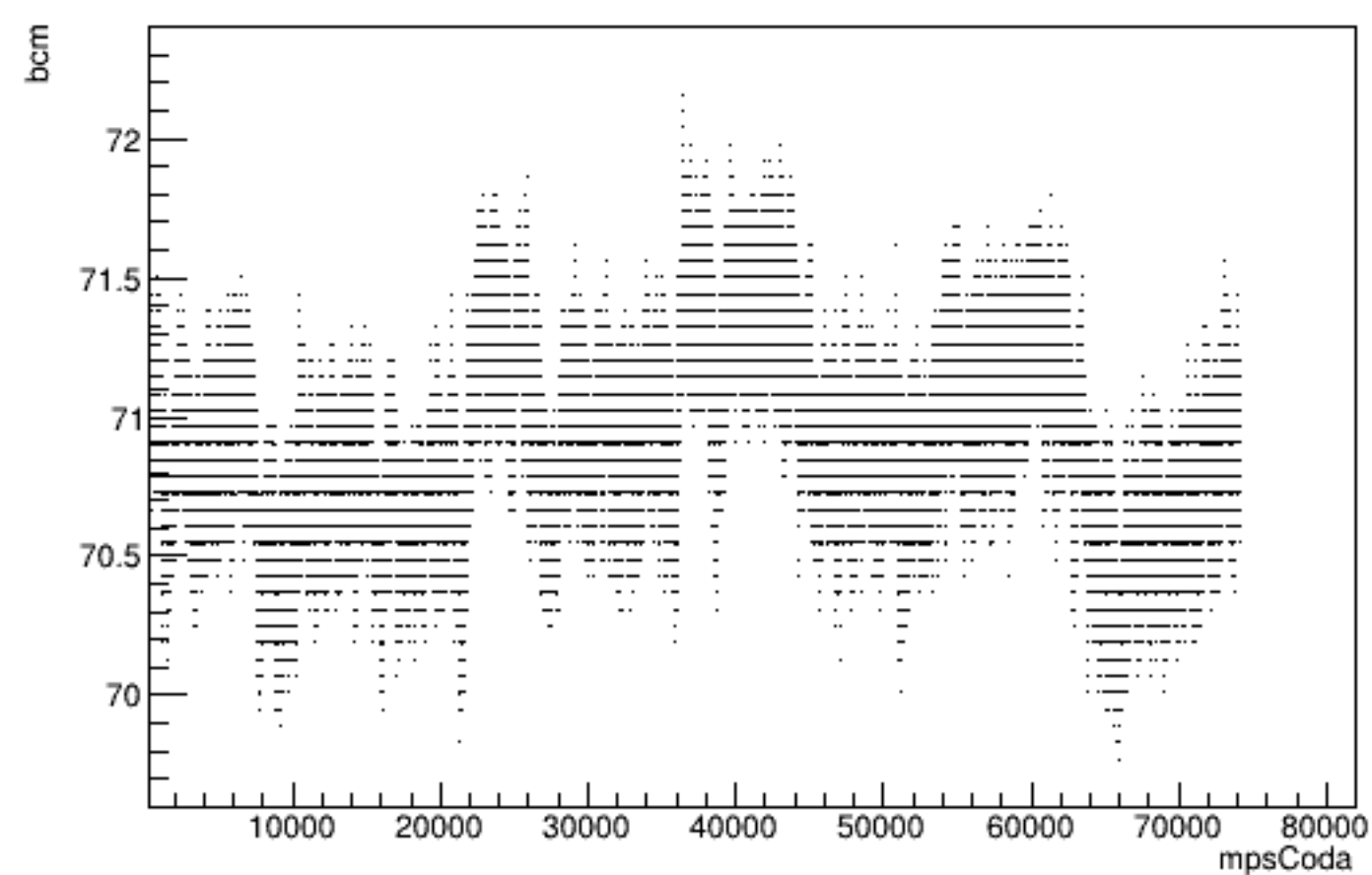
beamState + 1:mpsCoda {mpsCoda>=263 && mpsCoda<=74166}



cavPowerCalibrated:mpsCoda {mpsCoda>=263 && mpsCoda<=74166}



bcm:mpsCoda {mpsCoda>=263 && mpsCoda<=74166}



Cycle 2, Diffs

Entries: 1774

Mean: 0.0005 +/- 0.0010

Std Dev: 0.0441 +/- 0.0007

Entries: 1437

Mean: 0.0010 +/- 0.0012

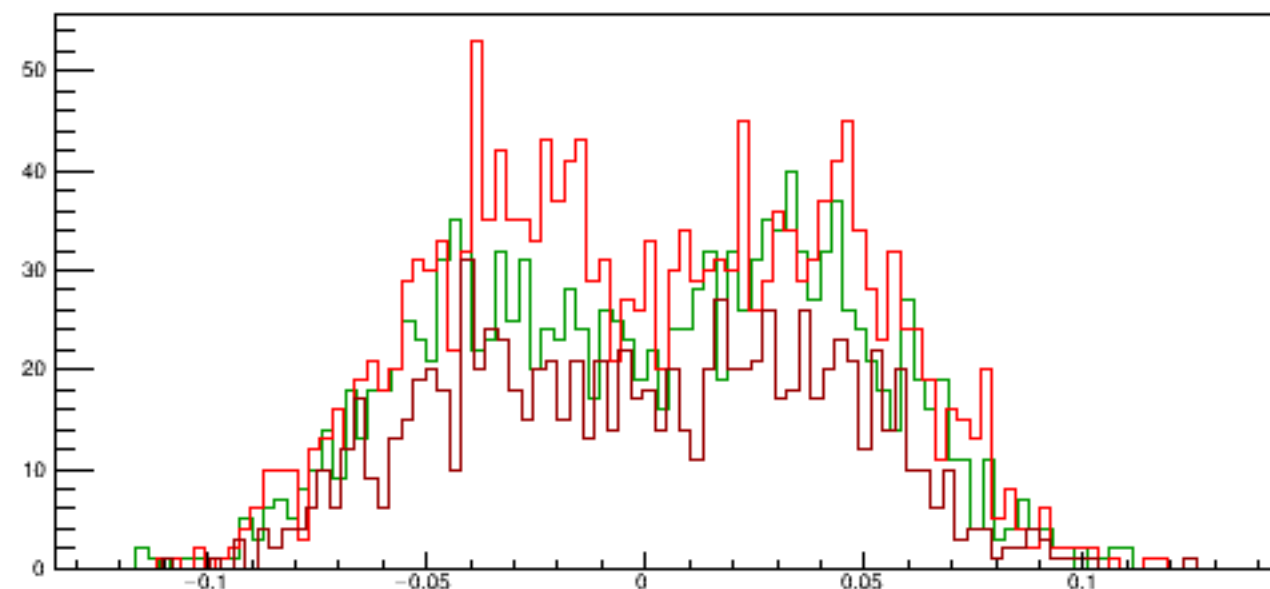
Std Dev: 0.0447 +/- 0.0008

Entries: 960

Mean: -0.0003 +/- 0.0014

Std Dev: 0.0427 +/- 0.0010

Run 4495 quartetwise, Diffs



Cycle 2, Sums

Entries: 1774

Mean: -0.5191 +/- 0.0037

Std Dev: 0.1546 +/- 0.0026

Entries: 1437

Mean: -0.4855 +/- 0.0049

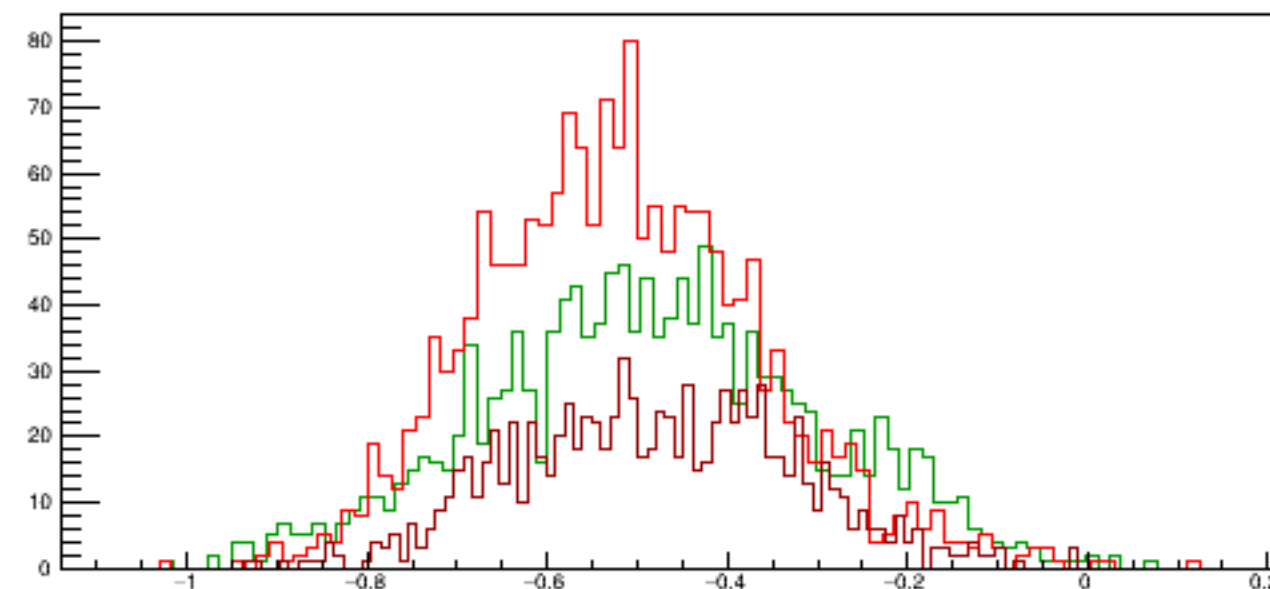
Std Dev: 0.1849 +/- 0.0034

Entries: 960

Mean: -0.4801 +/- 0.0050

Std Dev: 0.1547 +/- 0.0035

Run 4495 quartetwise, Sums



Cycle 2, Asyms

Entries: 1774

Mean: 0.0366 +/- 0.0741

Std Dev: 3.1212 +/- 0.0524

Entries: 1437

Mean: 1.2284 +/- 0.8261

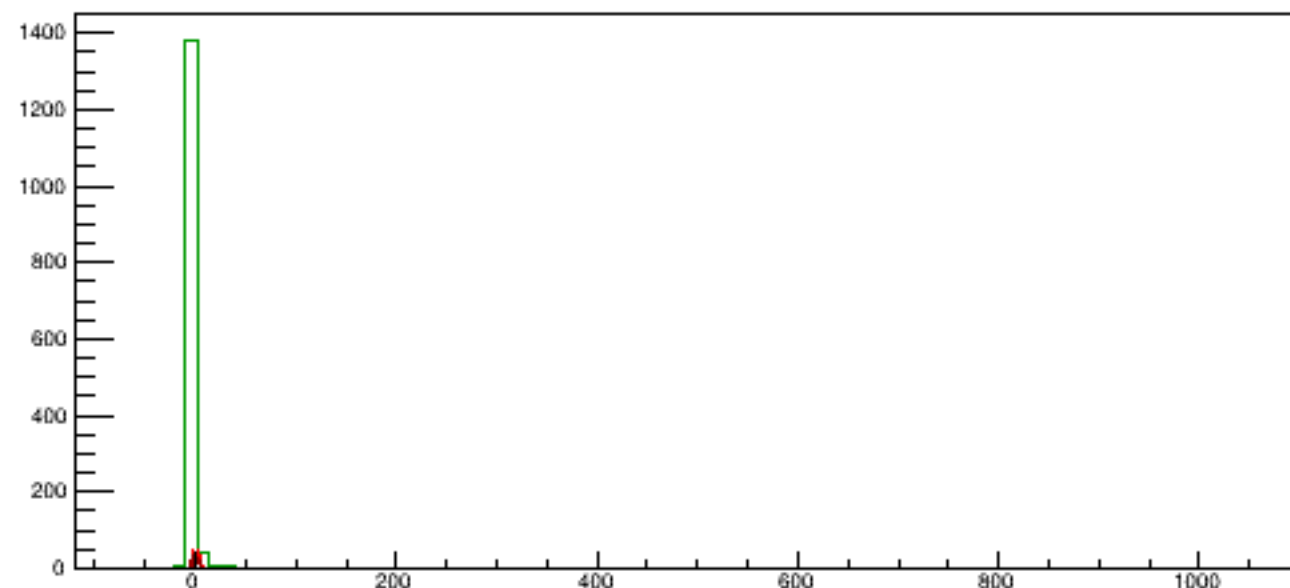
Std Dev: 31.3157 +/- 0.5841

Entries: 960

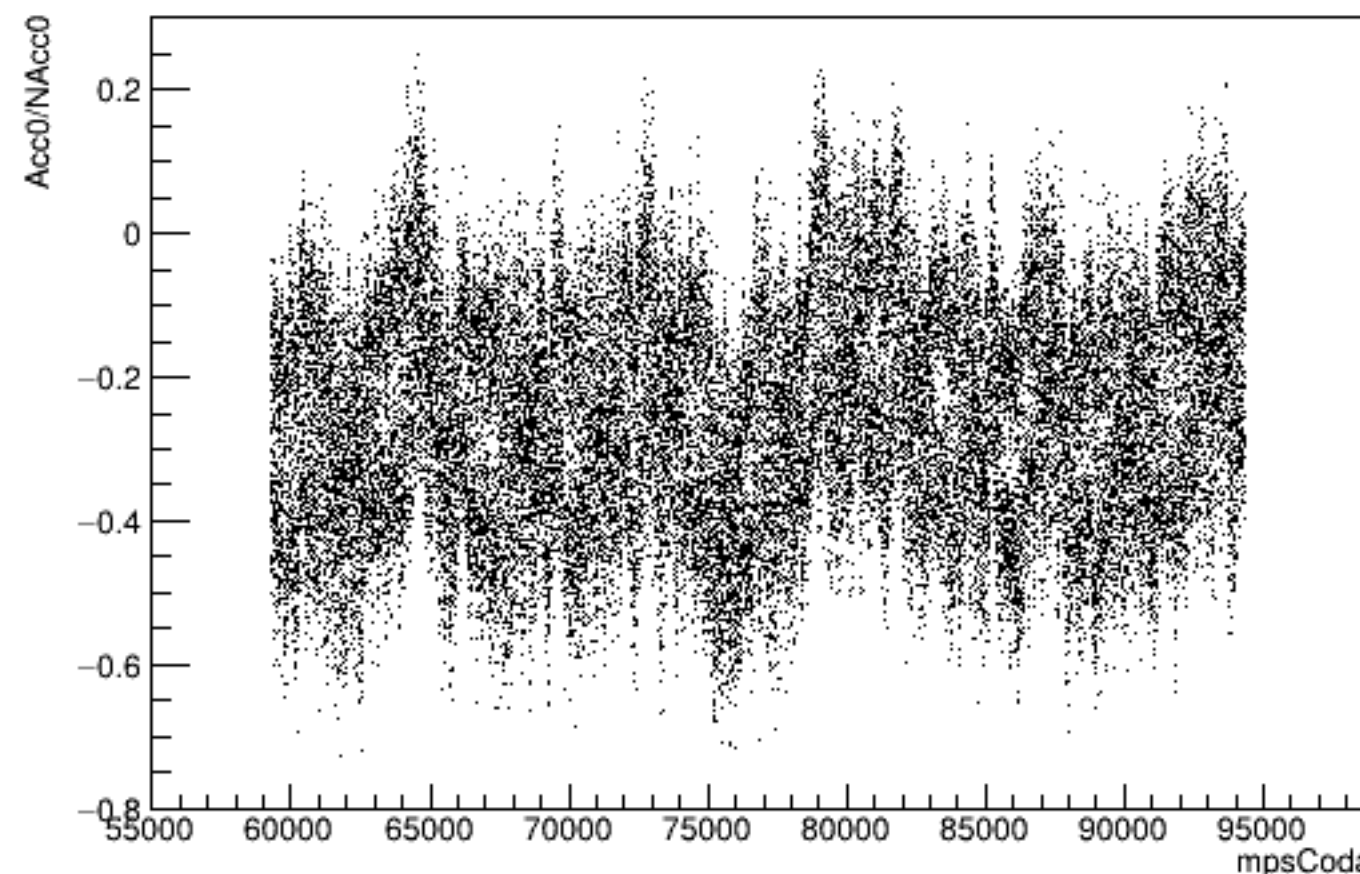
Mean: -0.0190 +/- 0.0975

Std Dev: 3.0212 +/- 0.0689

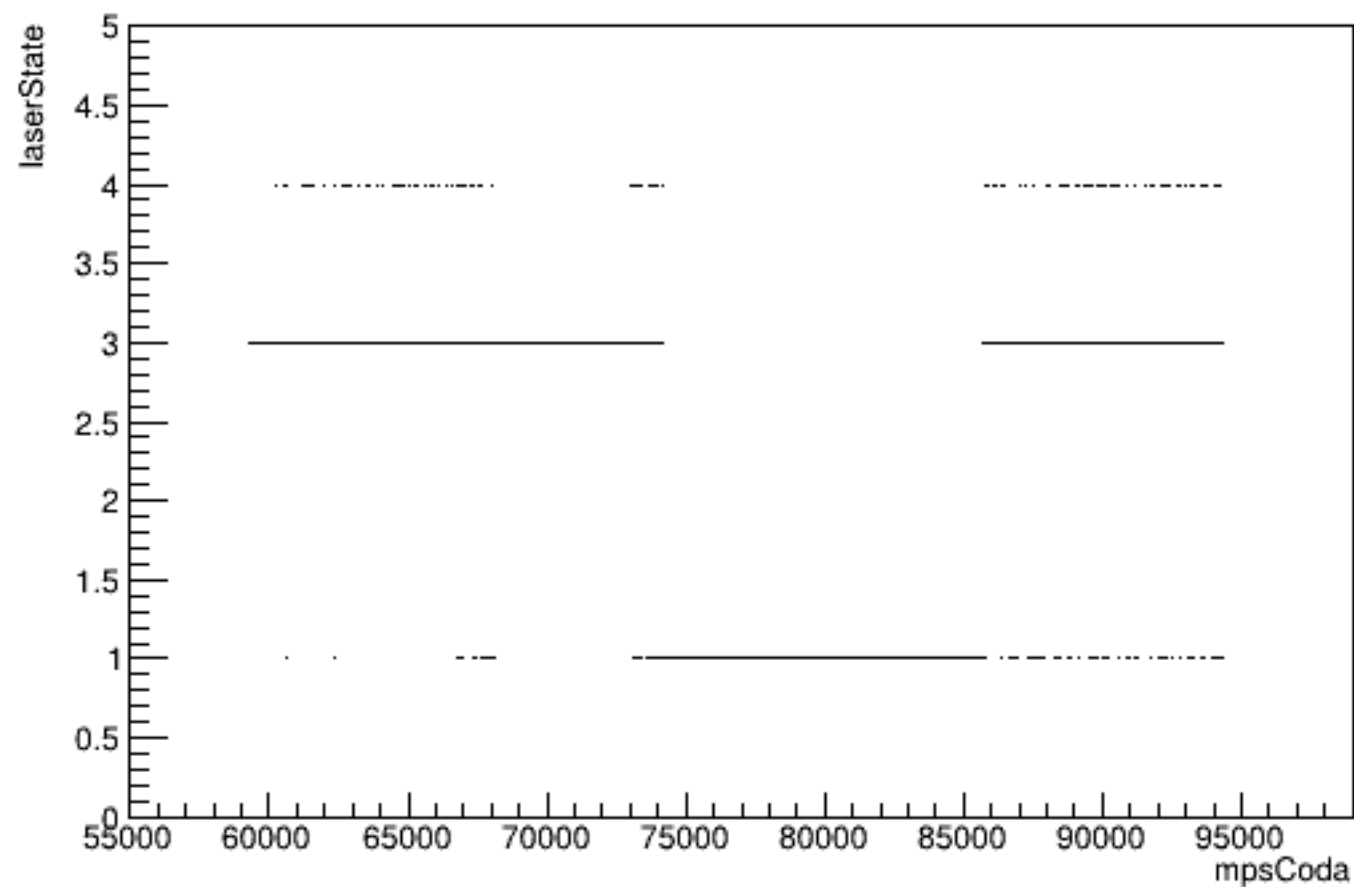
Run 4495 quartetwise, Asyms



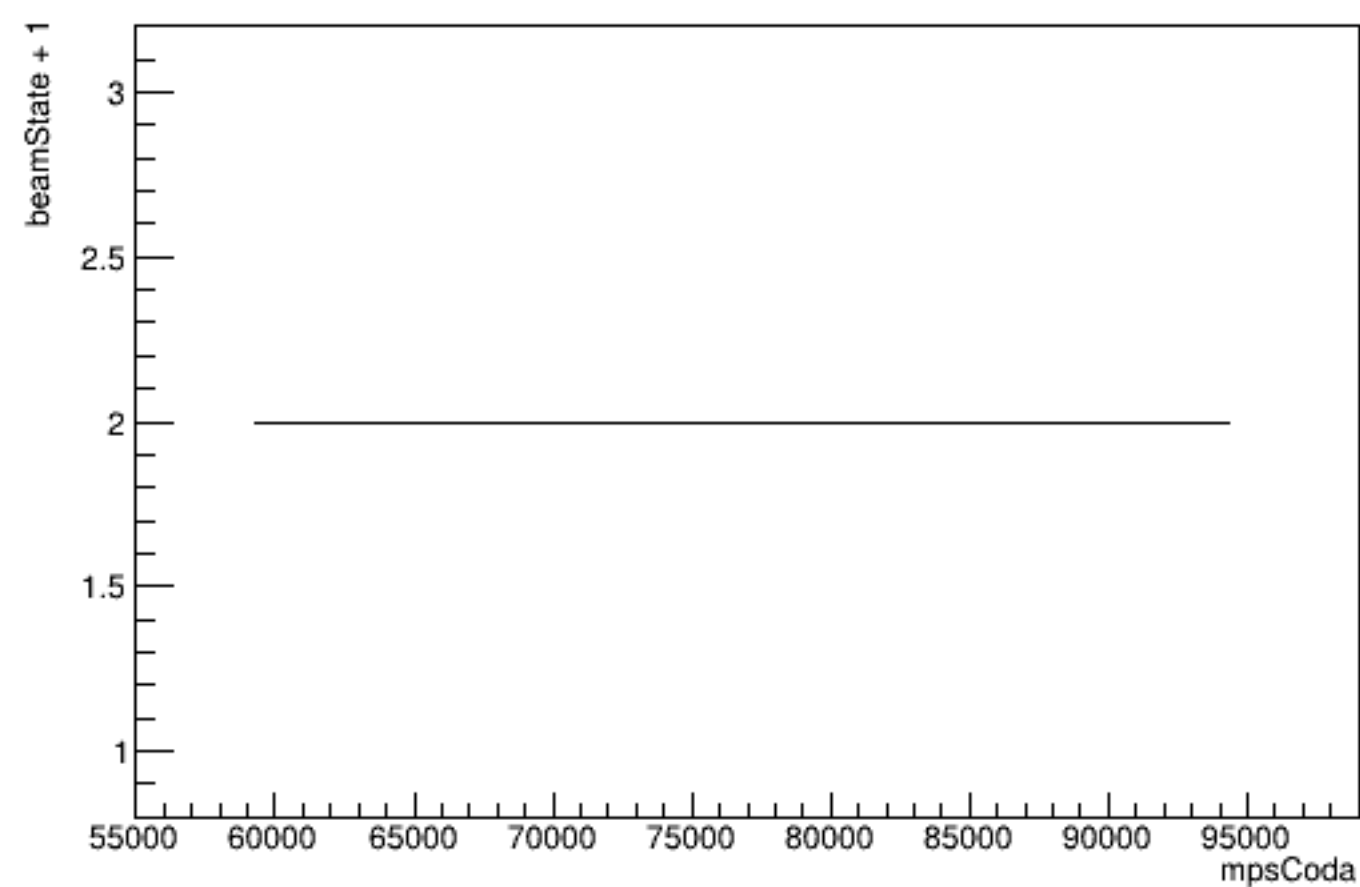
Acc0/NAcc0:mpsCoda {mpsCoda>=59271 && mpsCoda<=94326 && beamState==1}



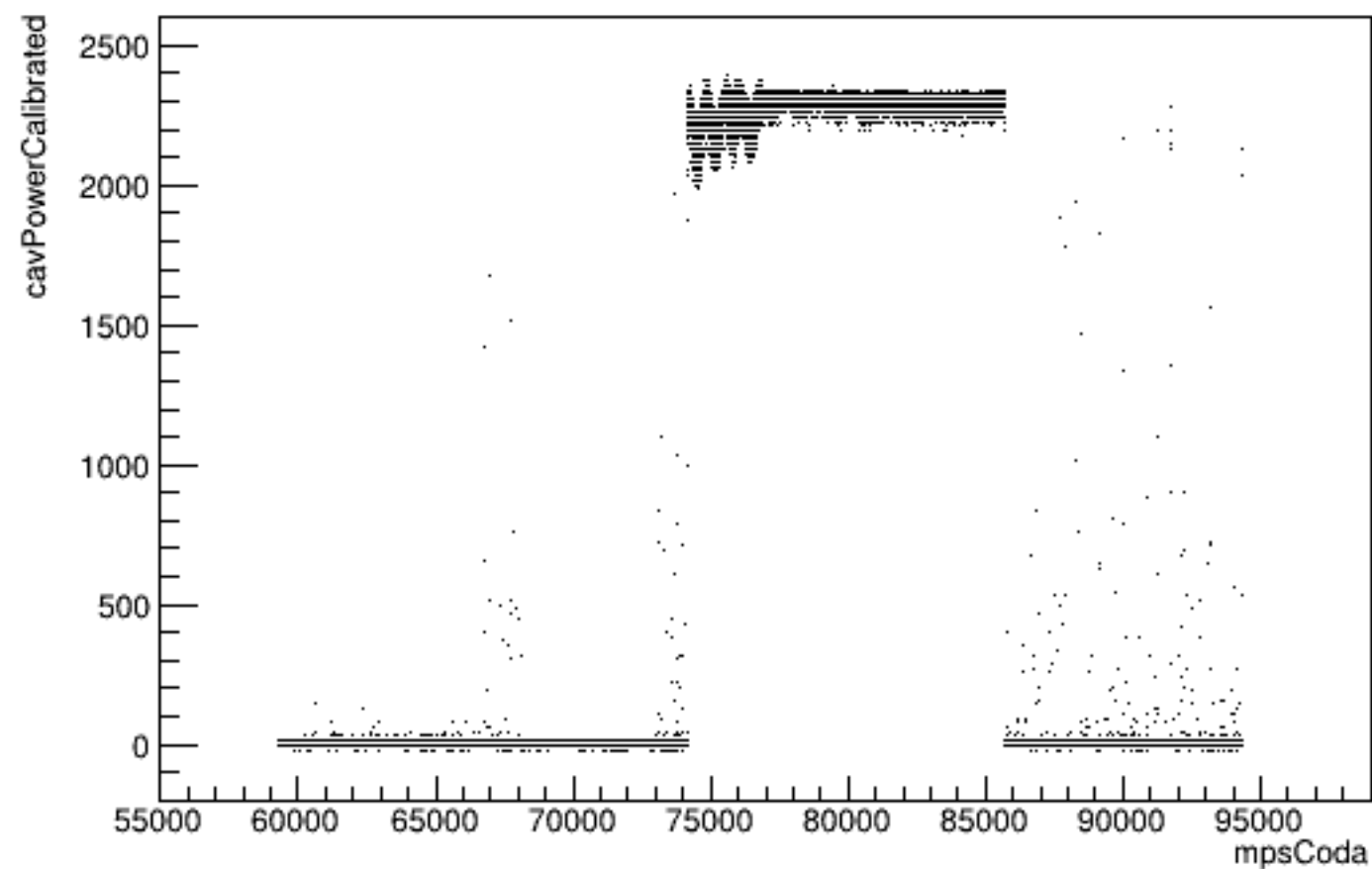
laserState:mpsCoda {mpsCoda>=59271 && mpsCoda<=94326}



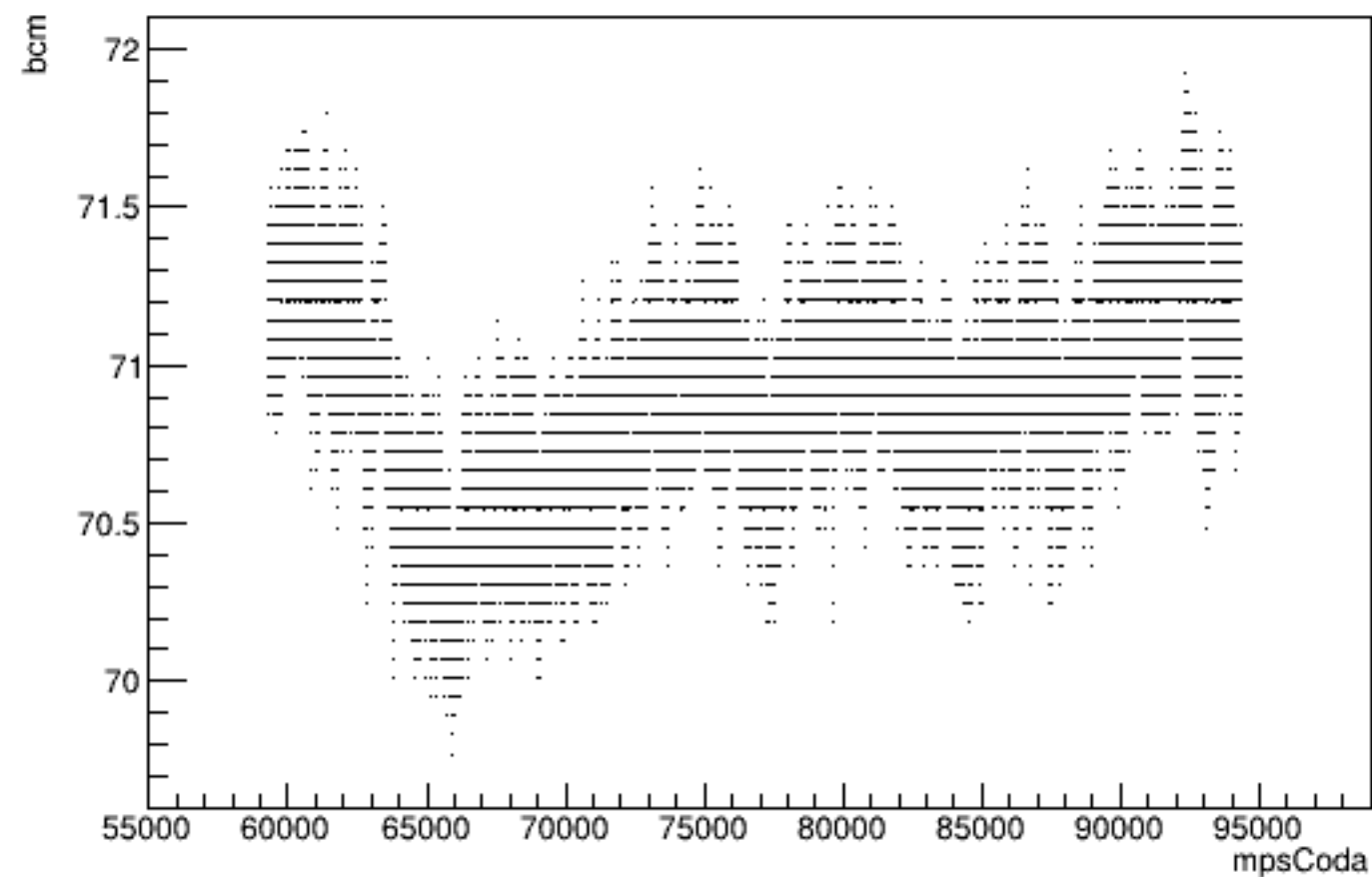
beamState + 1:mpsCoda {mpsCoda>=59271 && mpsCoda<=94326}



cavPowerCalibrated:mpsCoda {mpsCoda>=59271 && mpsCoda<=94326}



bcm:mpsCoda {mpsCoda>=59271 && mpsCoda<=94326}



Cycle 3, Diffs

Entries: 960

Mean: -0.0003 +/- 0.0014

Std Dev: 0.0427 +/- 0.0010

Entries: 2322

Mean: -0.0005 +/- 0.0009

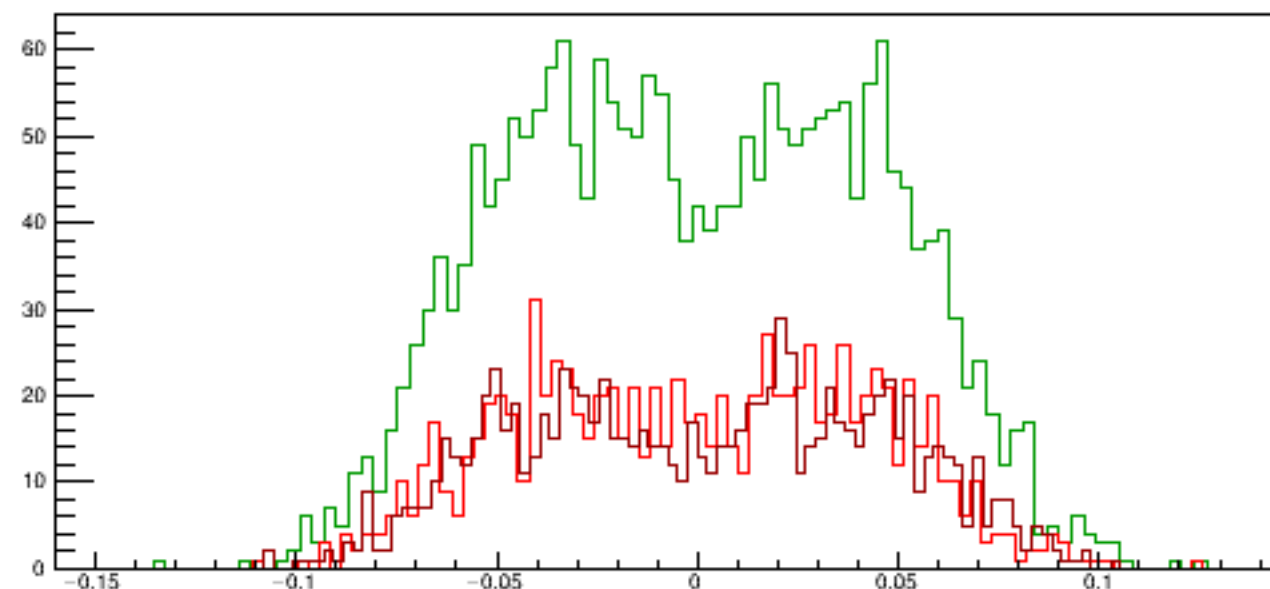
Std Dev: 0.0441 +/- 0.0006

Entries: 990

Mean: 0.0007 +/- 0.0014

Std Dev: 0.0442 +/- 0.0010

Run 4495 quartetwise, Diffs



Cycle 3, Sums

Entries: 960

Mean: -0.4801 +/- 0.0050

Std Dev: 0.1547 +/- 0.0035

Entries: 2322

Mean: -0.4809 +/- 0.0038

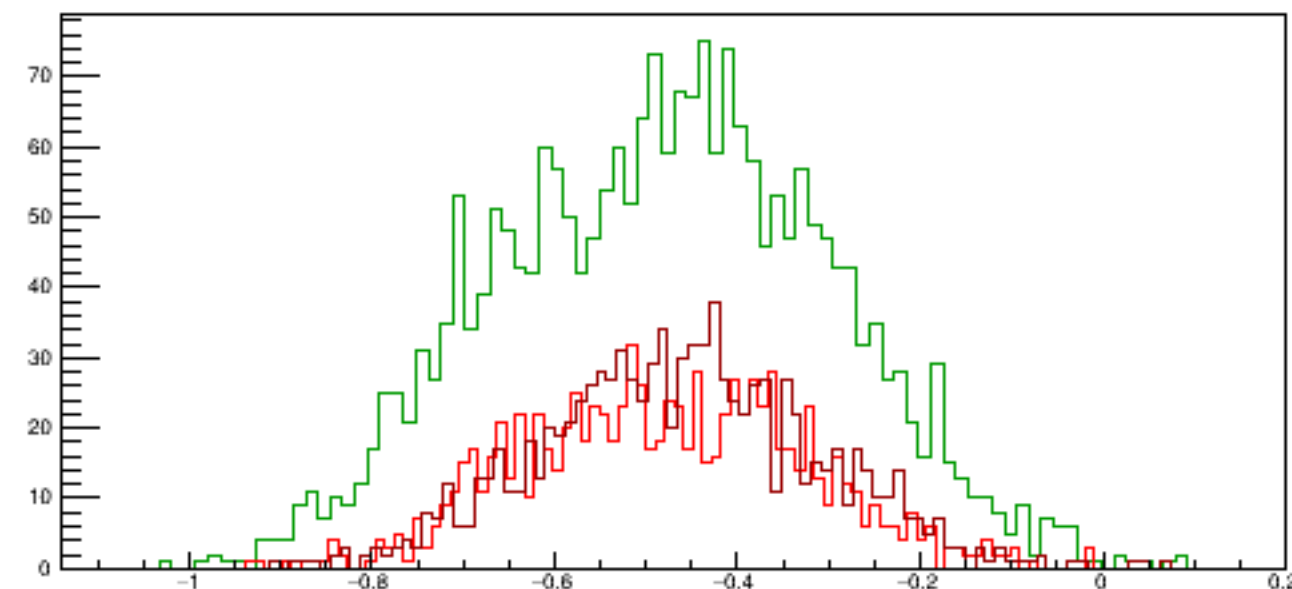
Std Dev: 0.1829 +/- 0.0027

Entries: 990

Mean: -0.4640 +/- 0.0048

Std Dev: 0.1510 +/- 0.0034

Run 4495 quartetwise, Sums



Cycle 3, Asyms

Entries: 960

Mean: 0.0306 +/- 0.1569

Std Dev: 4.8618 +/- 0.1110

Entries: 2322

Mean: -0.6343 +/- 1.1007

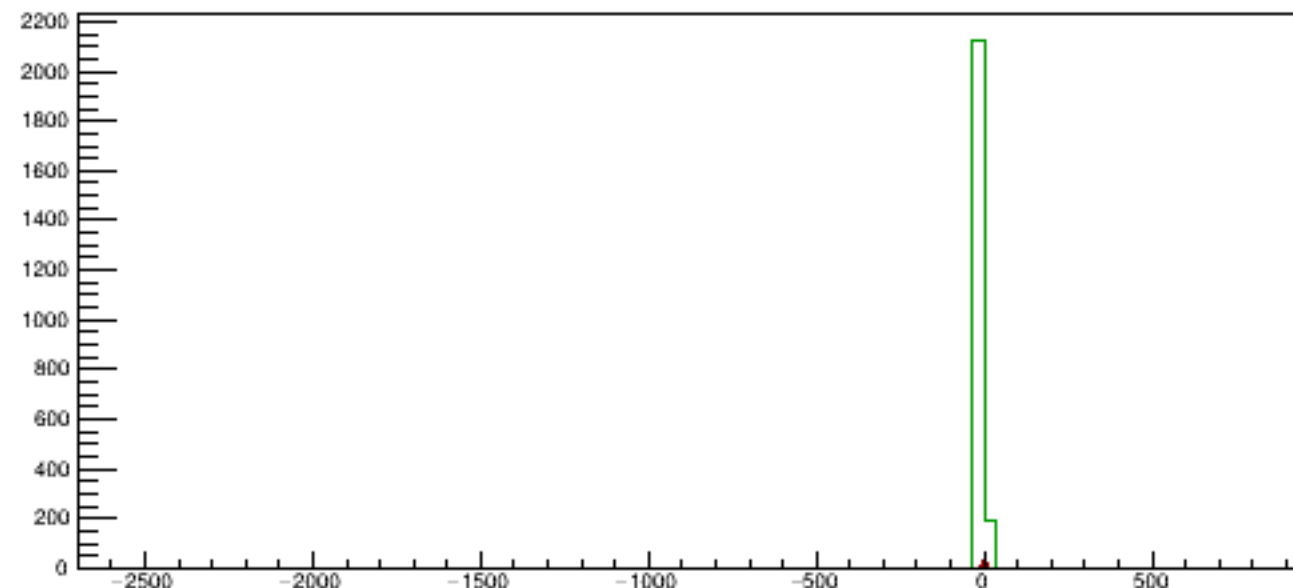
Std Dev: 53.0372 +/- 0.7783

Entries: 990

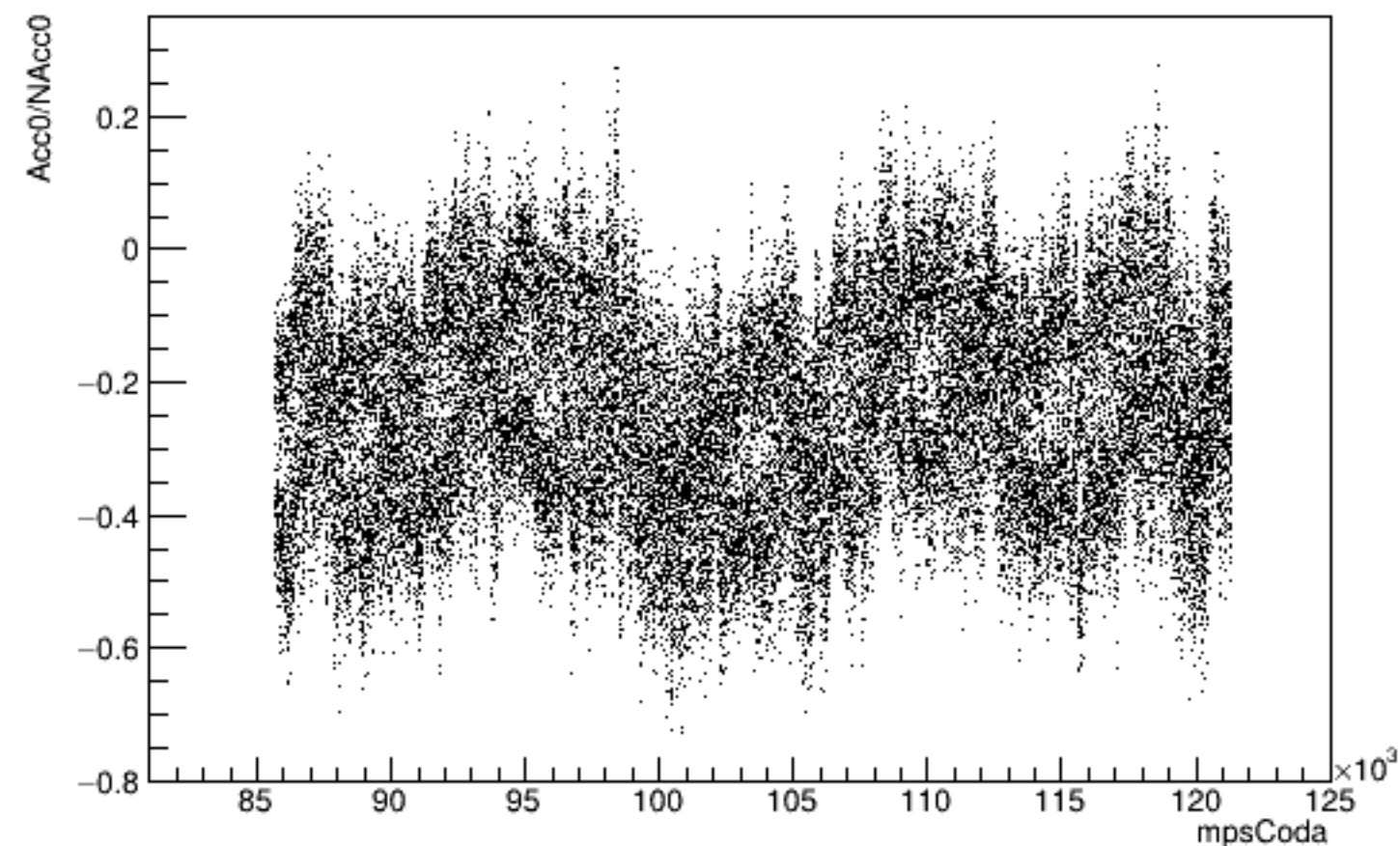
Mean: -0.0790 +/- 0.1601

Std Dev: 5.0362 +/- 0.1132

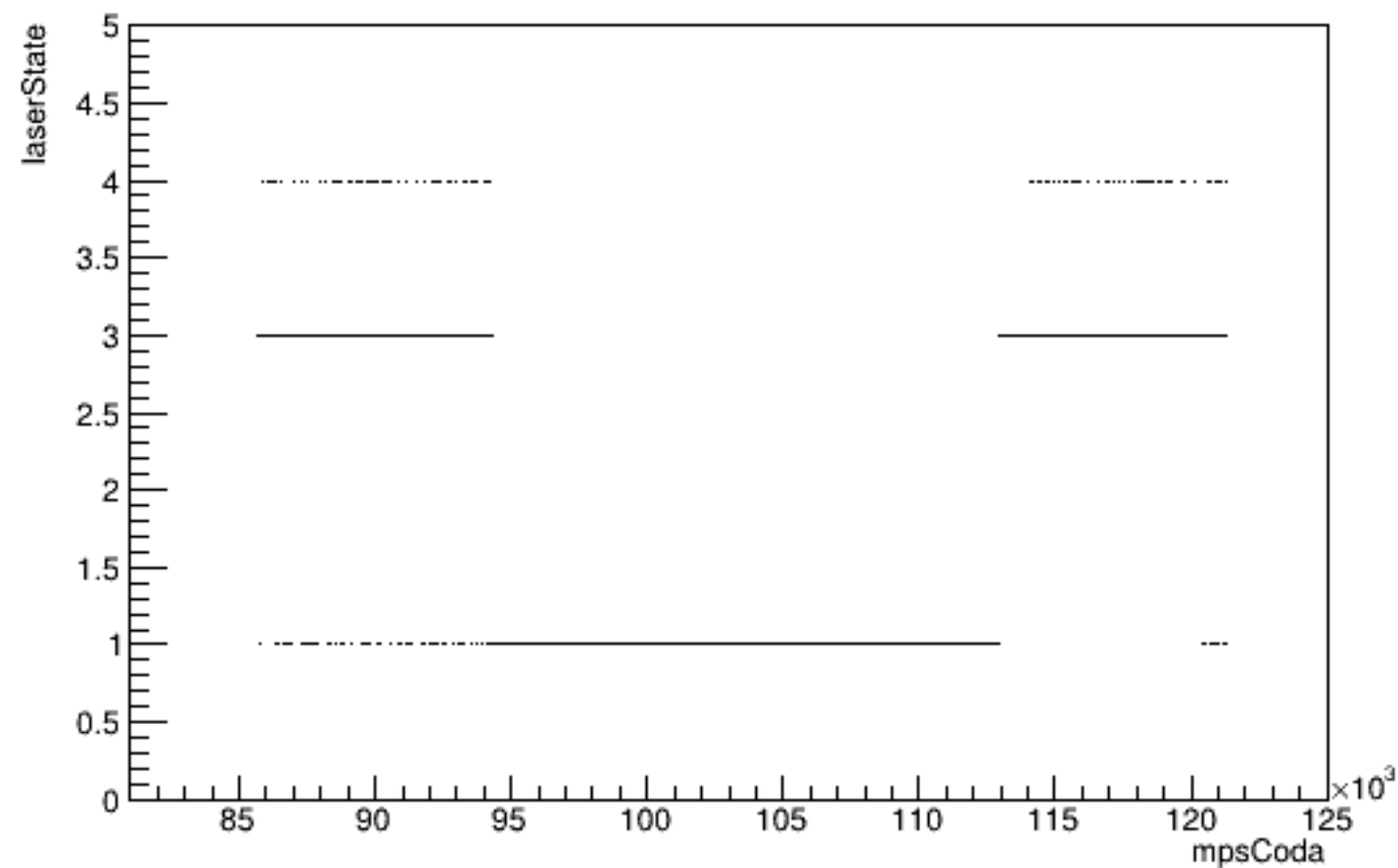
Run 4495 quartetwise, Asyms



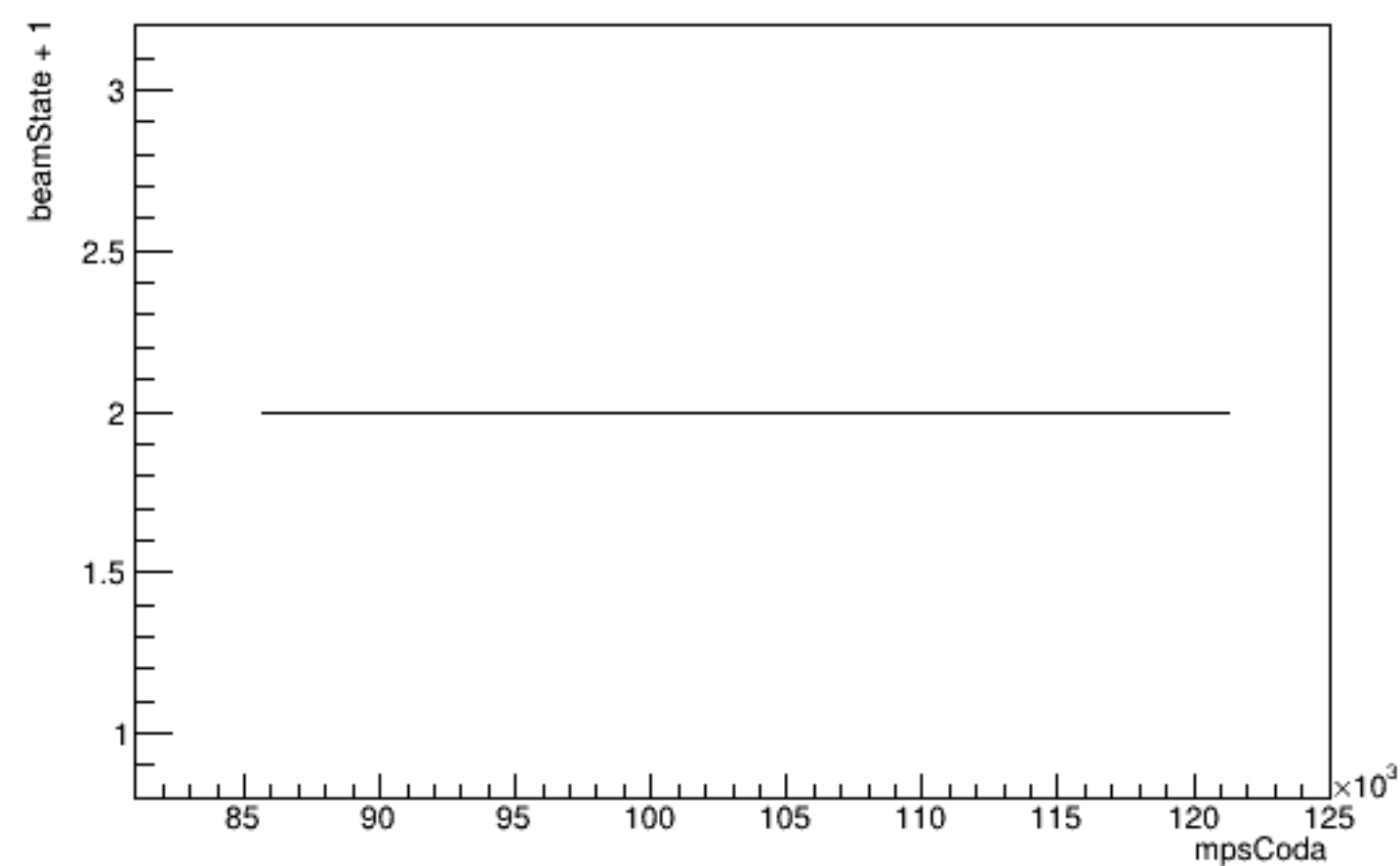
Acc0/NAcc0:mpsCoda {mpsCoda>=85671 && mpsCoda<=121334 && beamState==1}



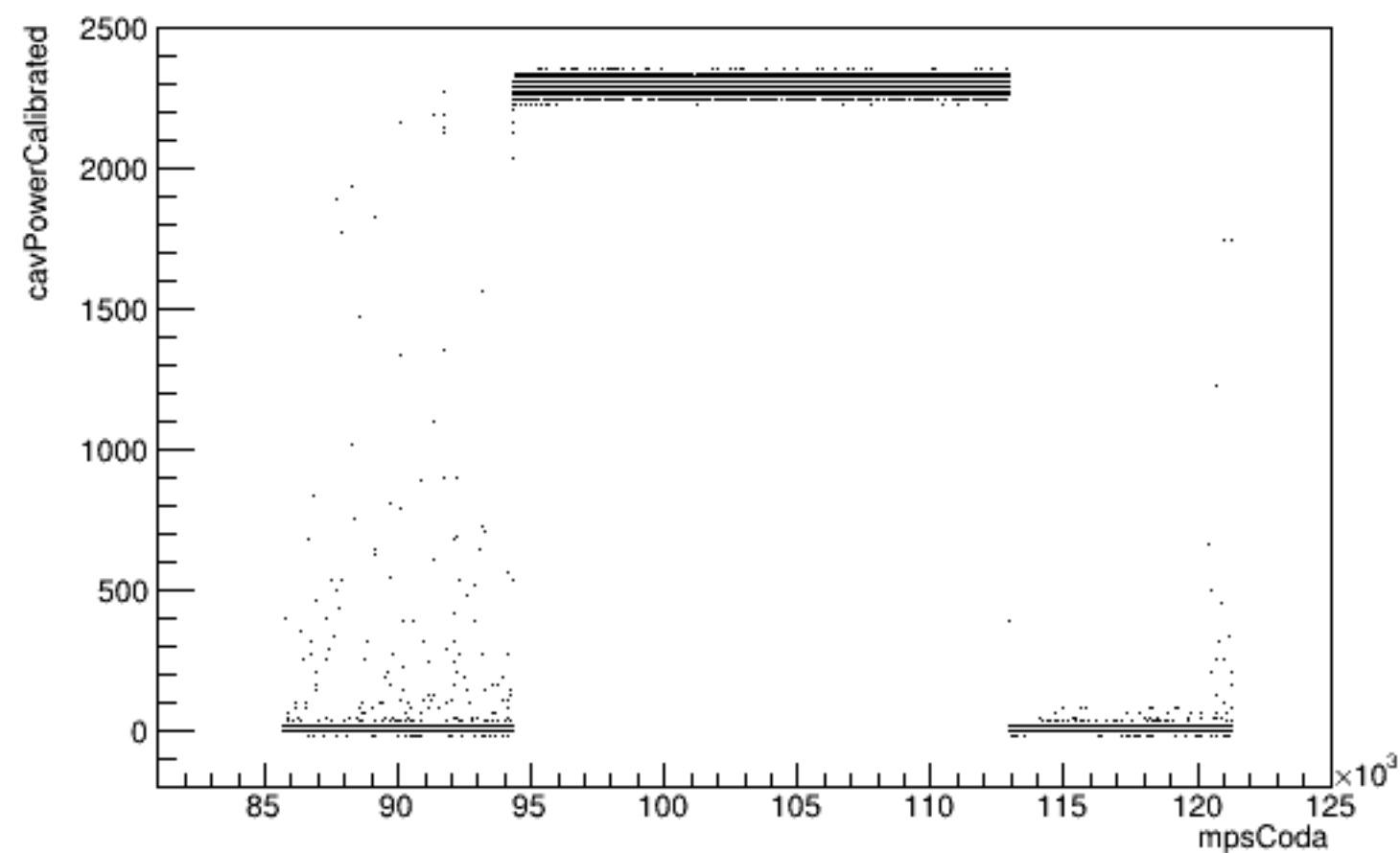
laserState:mpsCoda {mpsCoda>=85671 && mpsCoda<=121334}



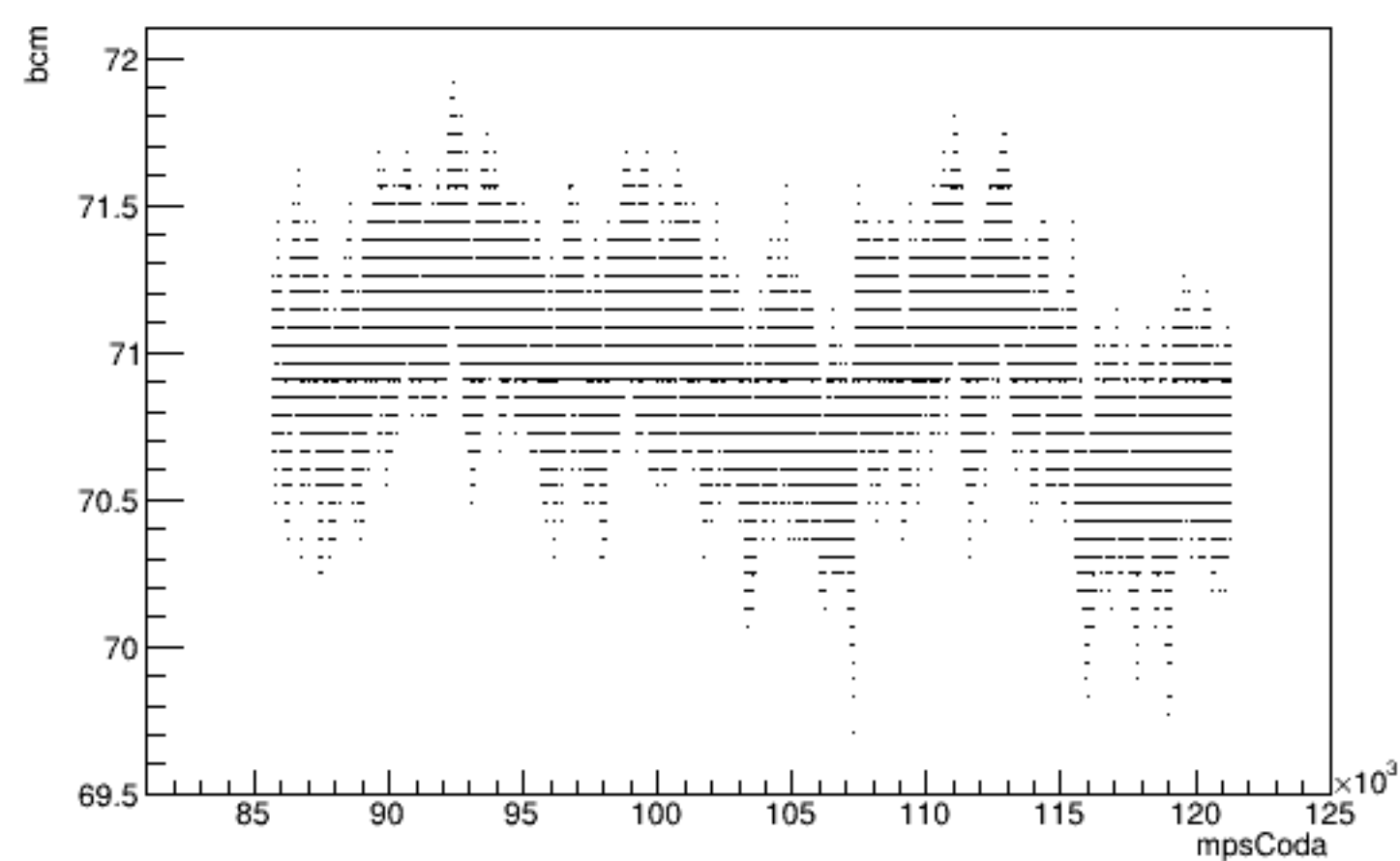
beamState + 1:mpsCoda {mpsCoda>=85671 && mpsCoda<=121334}



cavPowerCalibrated:mpsCoda {mpsCoda>=85671 && mpsCoda<=121334}



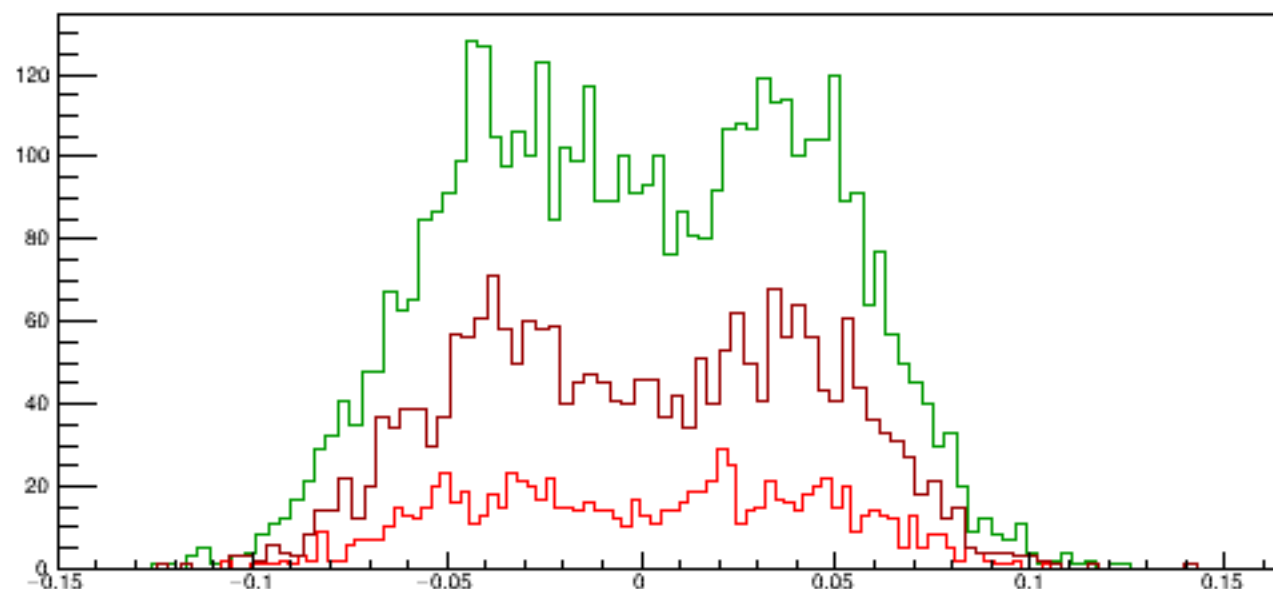
bcm:mpsCoda {mpsCoda>=85671 && mpsCoda<=121334}



Cycle 4, Diffs

Entries: 990	Entries: 4802	Entries: 2273
Mean: 0.0007 +/- 0.0014	Mean: -0.0006 +/- 0.0006	Mean: -0.0001 +/- 0.0009
Std Dev: 0.0442 +/- 0.0010	Std Dev: 0.0445 +/- 0.0005	Std Dev: 0.0443 +/- 0.0007

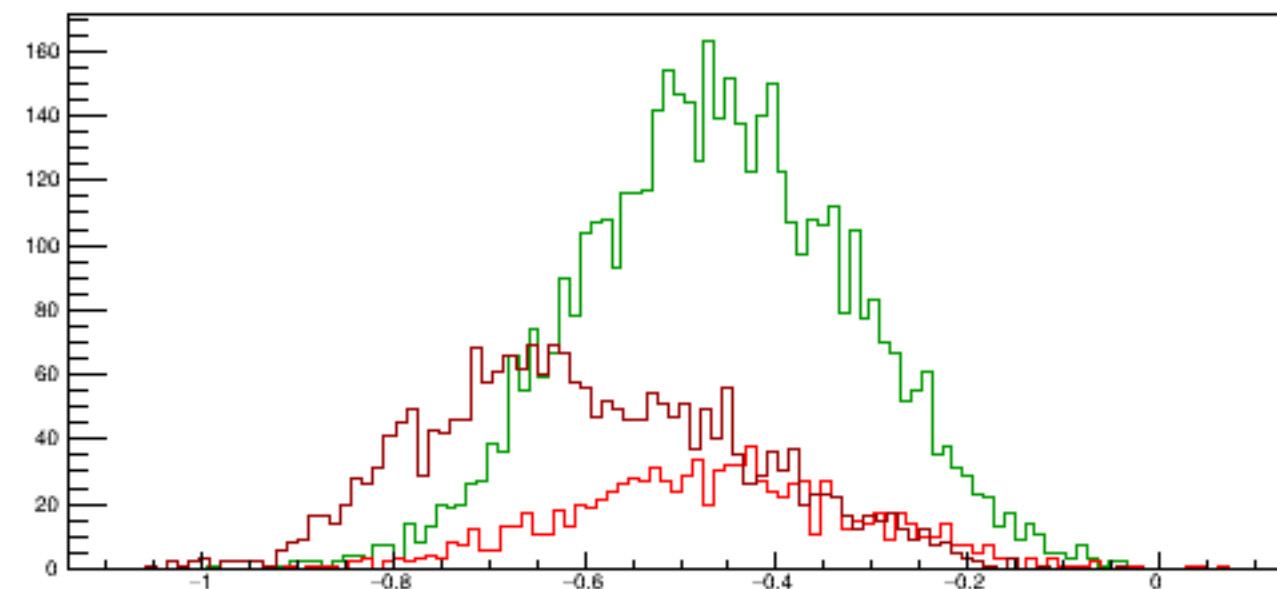
Run 4495 quartetwise, Diffs



Cycle 4, Sums

Entries: 990	Entries: 4802	Entries: 2273
Mean: -0.4640 +/- 0.0048	Mean: -0.4613 +/- 0.0020	Mean: -0.5956 +/- 0.0034
Std Dev: 0.1510 +/- 0.0034	Std Dev: 0.1408 +/- 0.0014	Std Dev: 0.1618 +/- 0.0024

Run 4495 quartetwise, Sums

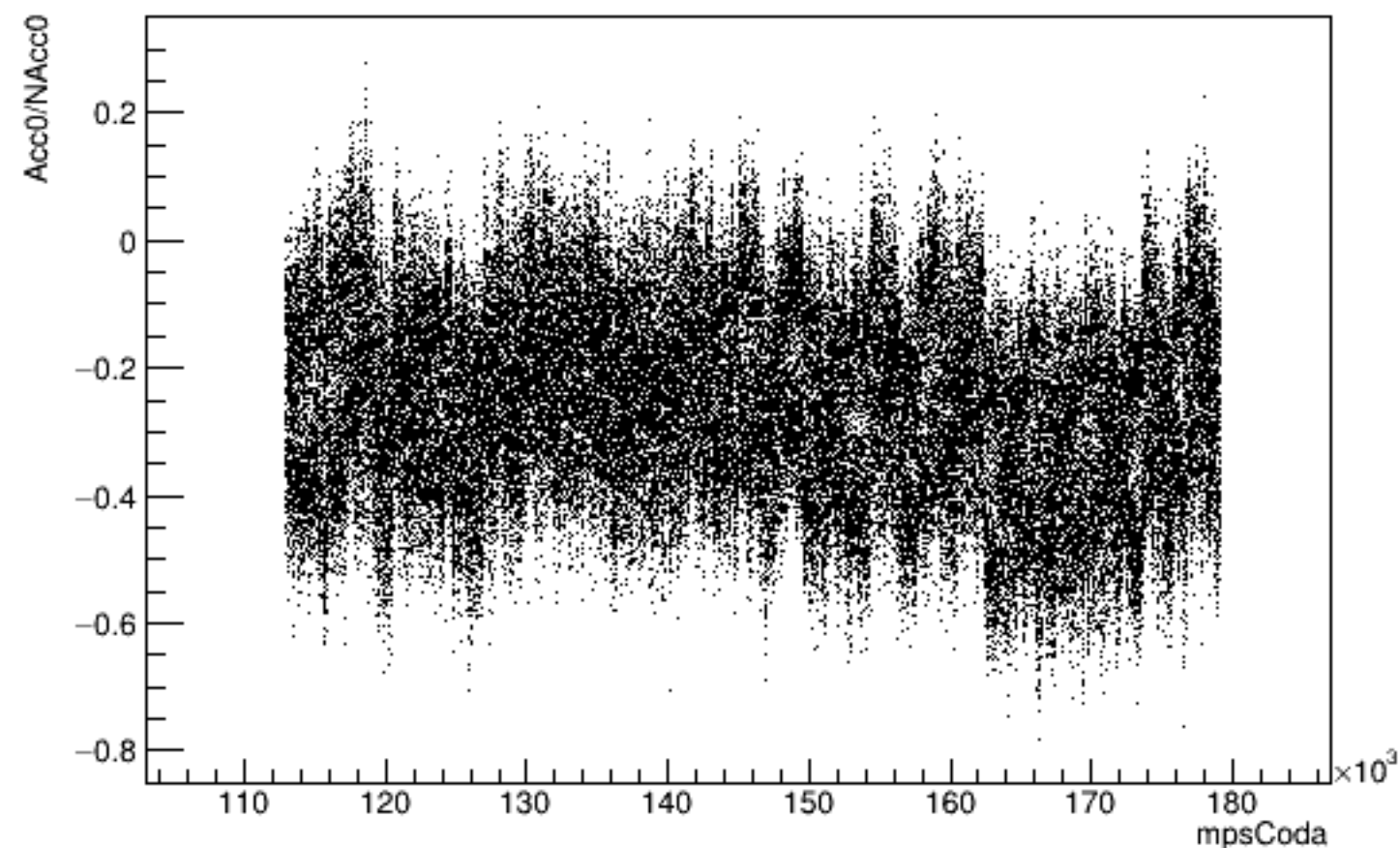
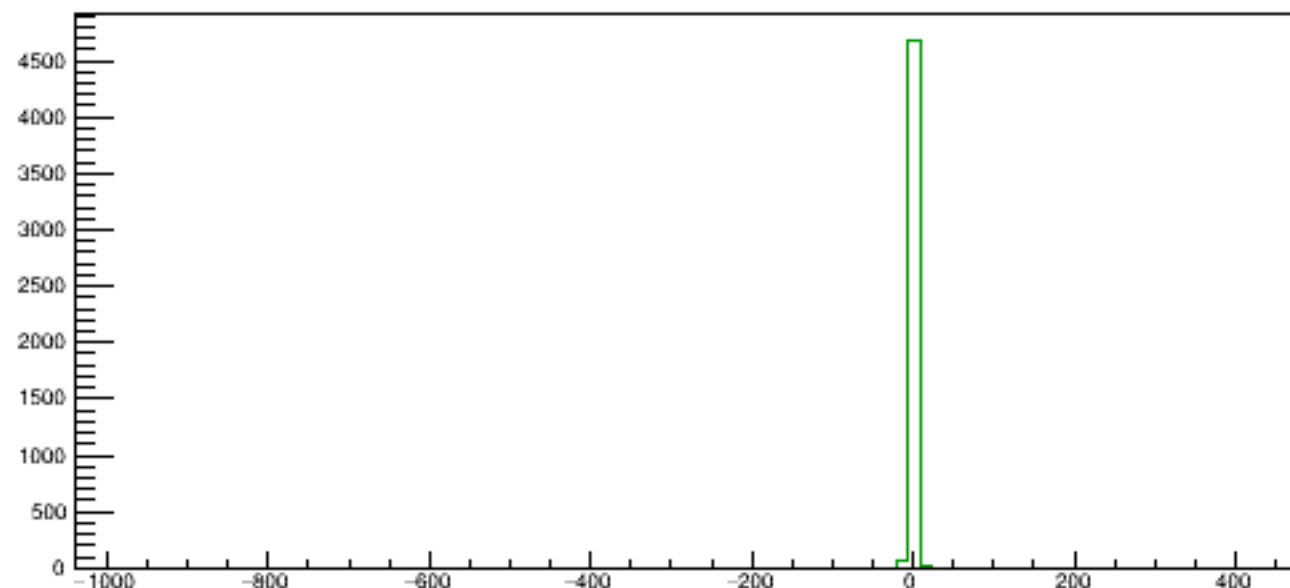


Acc0/NAcc0:mpsCoda (mpsCoda>=112911 && mpsCoda<=179142 && beamState==1)

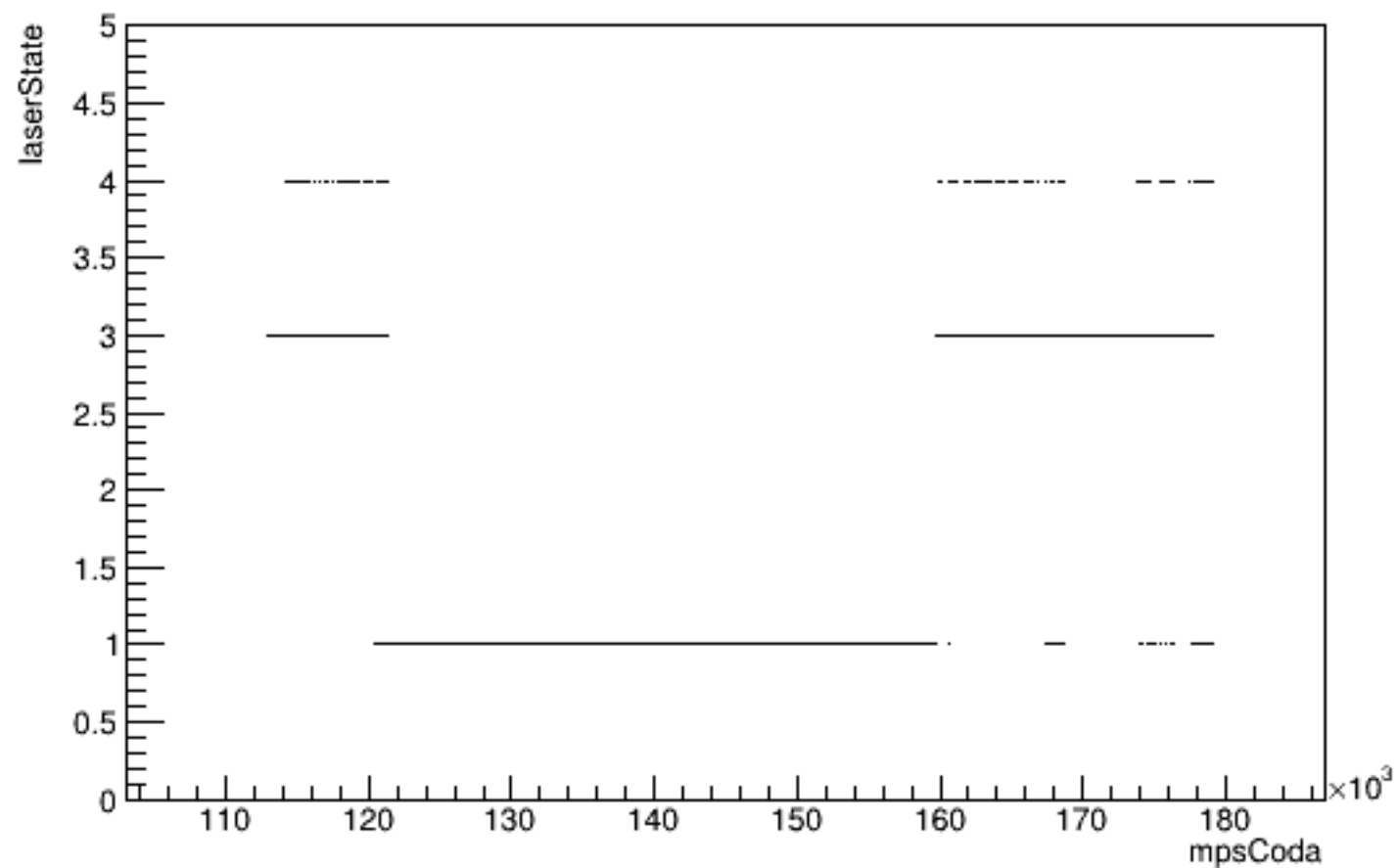
Cycle 4, Asyms

Entries: 990	Entries: 4802	Entries: 2273
Mean: 0.0101 +/- 0.0205	Mean: 0.1286 +/- 0.2570	Mean: -0.0019 +/- 0.0135
Std Dev: 0.6442 +/- 0.0145	Std Dev: 17.8076 +/- 0.1817	Std Dev: 0.6453 +/- 0.0096

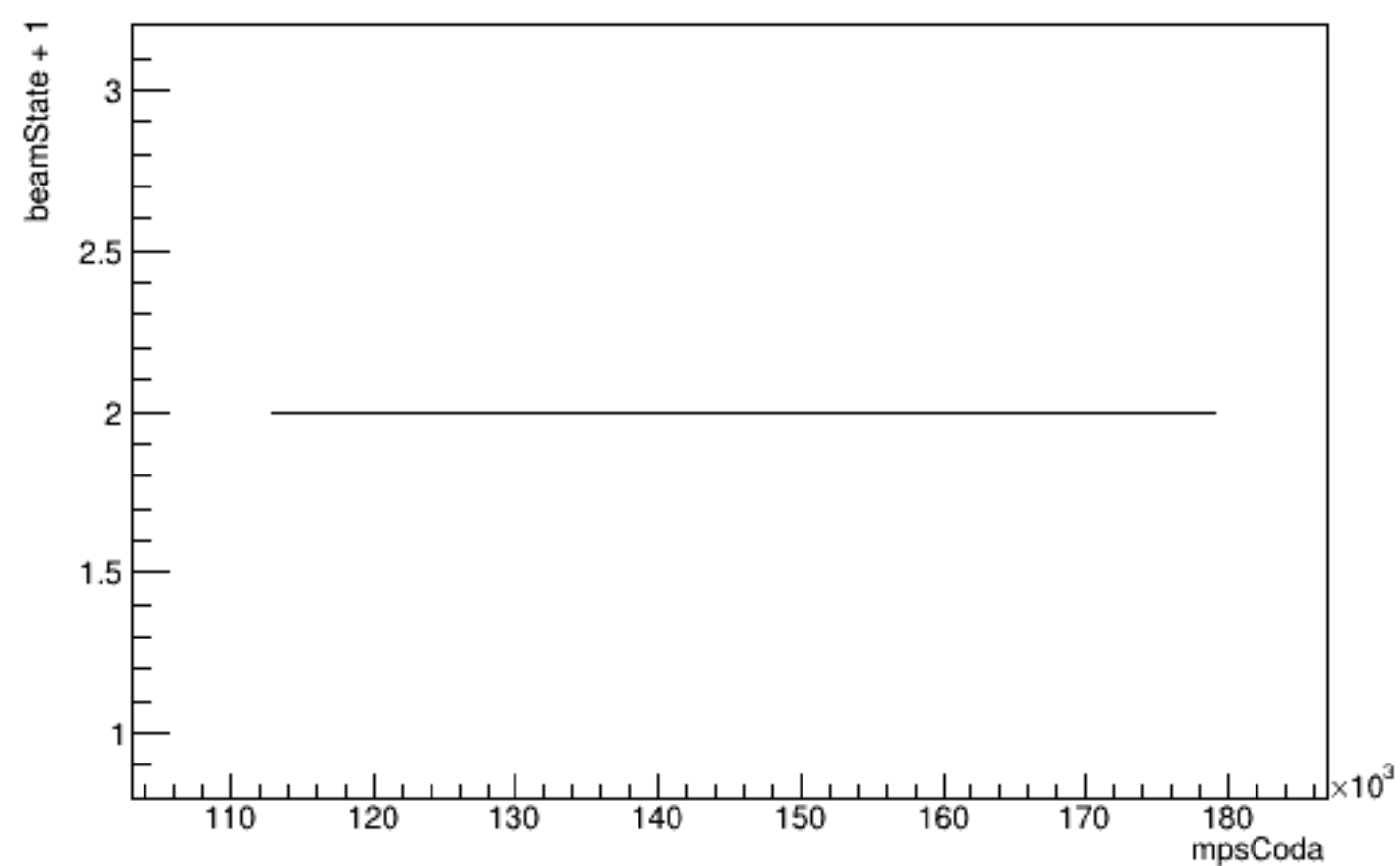
Run 4495 quartetwise, Asyms



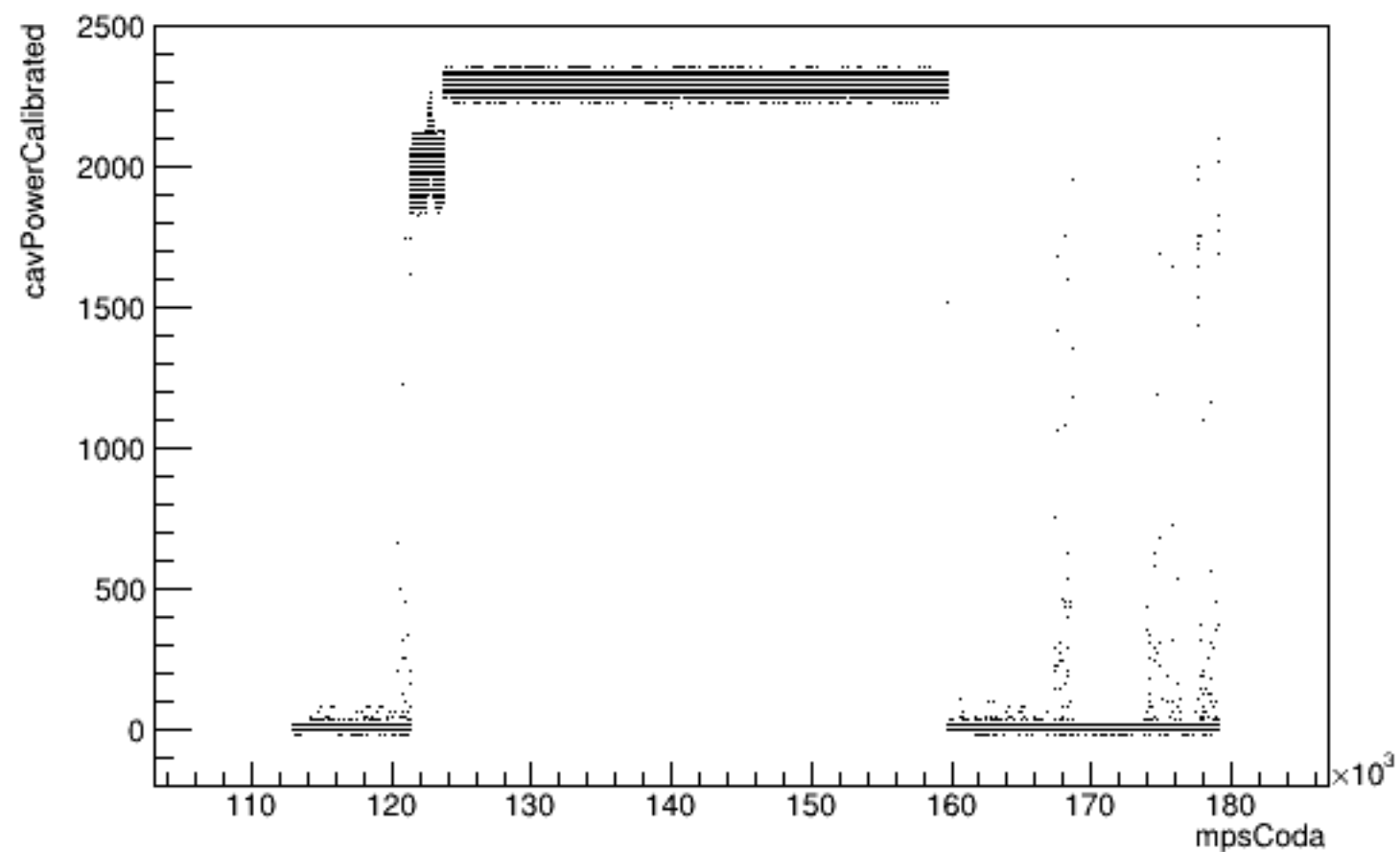
laserState:mpsCoda {mpsCoda>=112911 && mpsCoda<=179142}



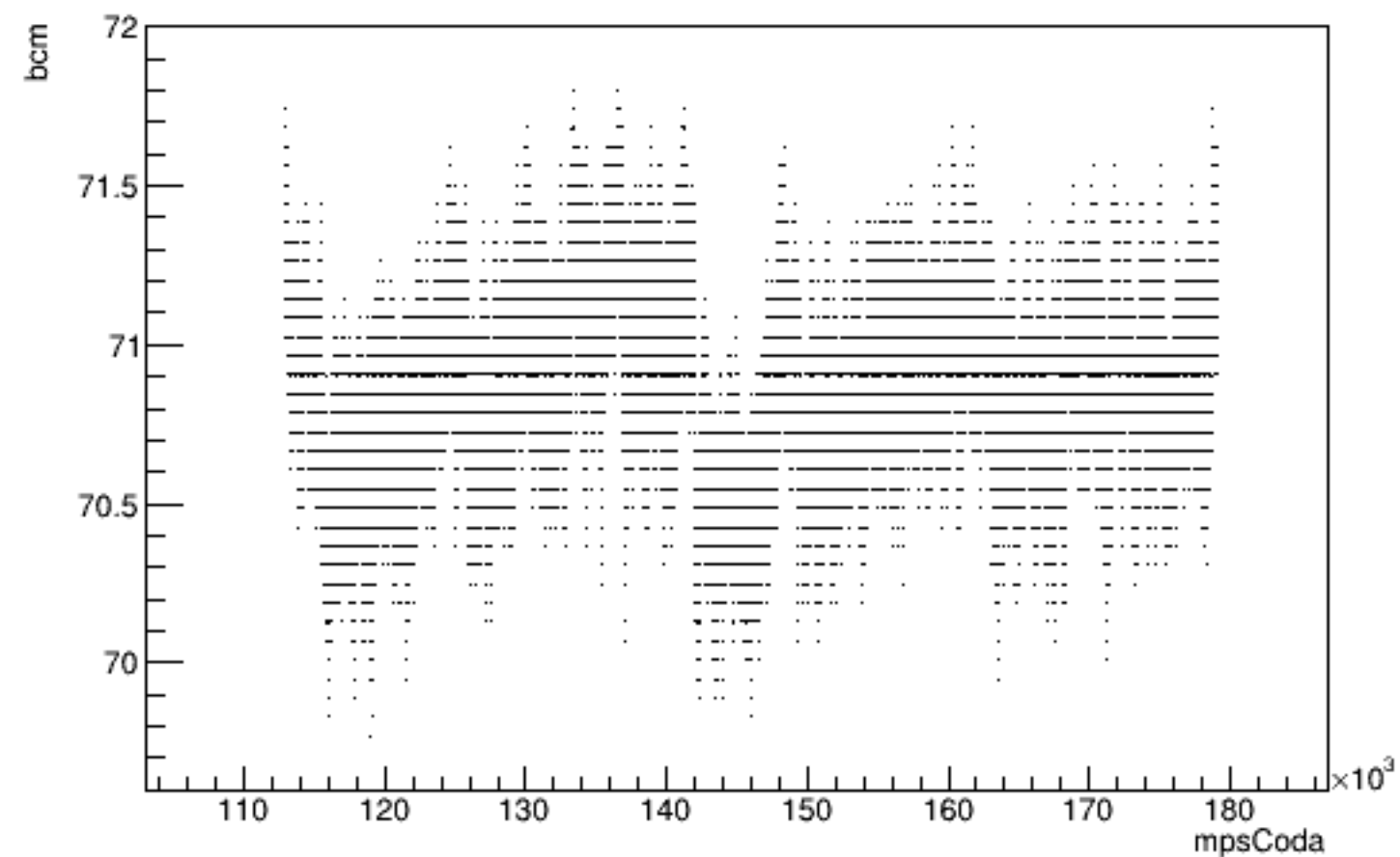
beamState + 1:mpsCoda {mpsCoda>=112911 && mpsCoda<=179142}



cavPowerCalibrated:mpsCoda {mpsCoda>=112911 && mpsCoda<=179142}



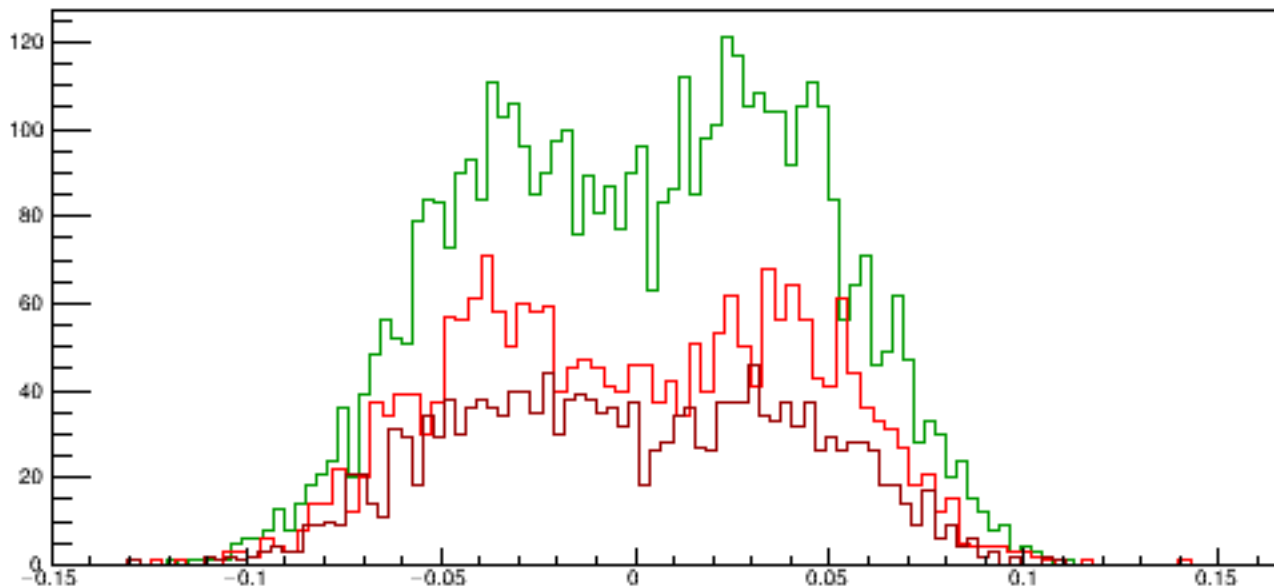
bcm:mpsCoda {mpsCoda>=112911 && mpsCoda<=179142}



Cycle 5, Diffs

Entries: 2273	Entries: 4770	Entries: 1722
Mean: -0.0001 +/- 0.0009	Mean: 0.0014 +/- 0.0006	Mean: -0.0018 +/- 0.0010
Std Dev: 0.0443 +/- 0.0007	Std Dev: 0.0433 +/- 0.0004	Std Dev: 0.0435 +/- 0.0007

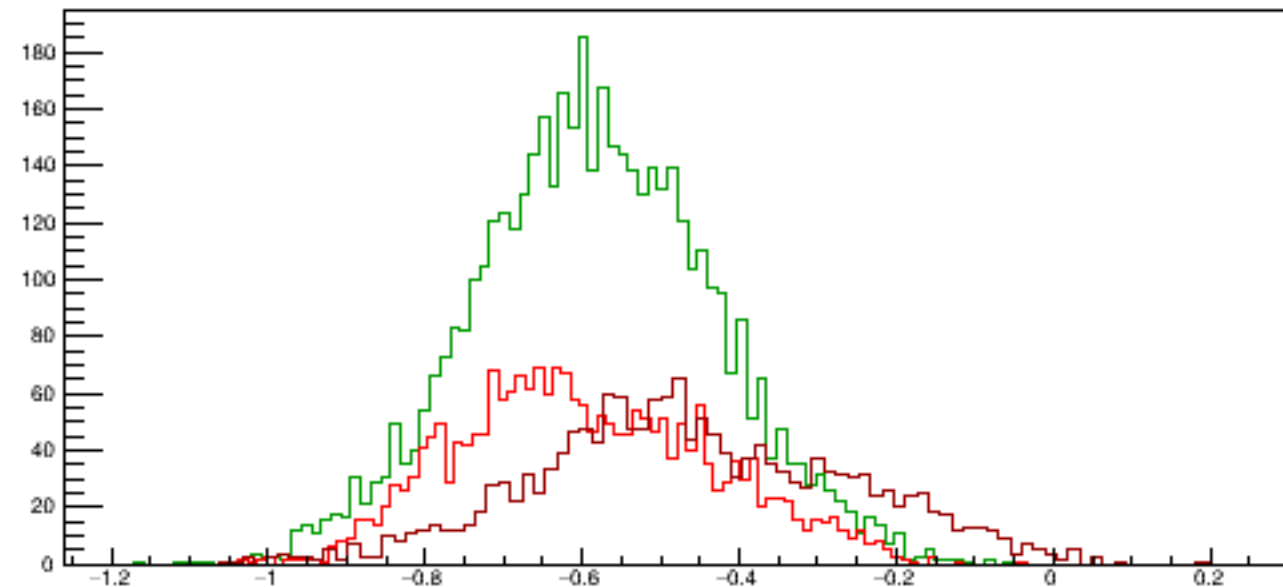
Run 4495 quartetwise, Diffs



Cycle 5, Sums

Entries: 2273	Entries: 4770	Entries: 1722
Mean: -0.5956 +/- 0.0034	Mean: -0.5851 +/- 0.0022	Mean: -0.4621 +/- 0.0048
Std Dev: 0.1618 +/- 0.0024	Std Dev: 0.1539 +/- 0.0016	Std Dev: 0.2012 +/- 0.0034

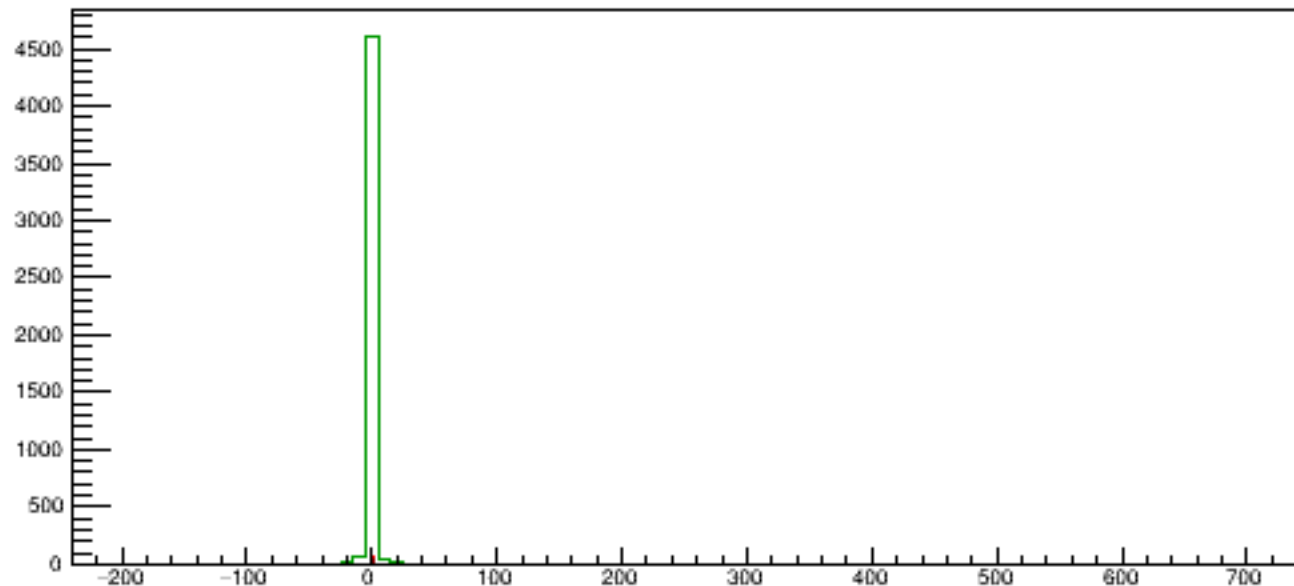
Run 4495 quartetwise, Sums



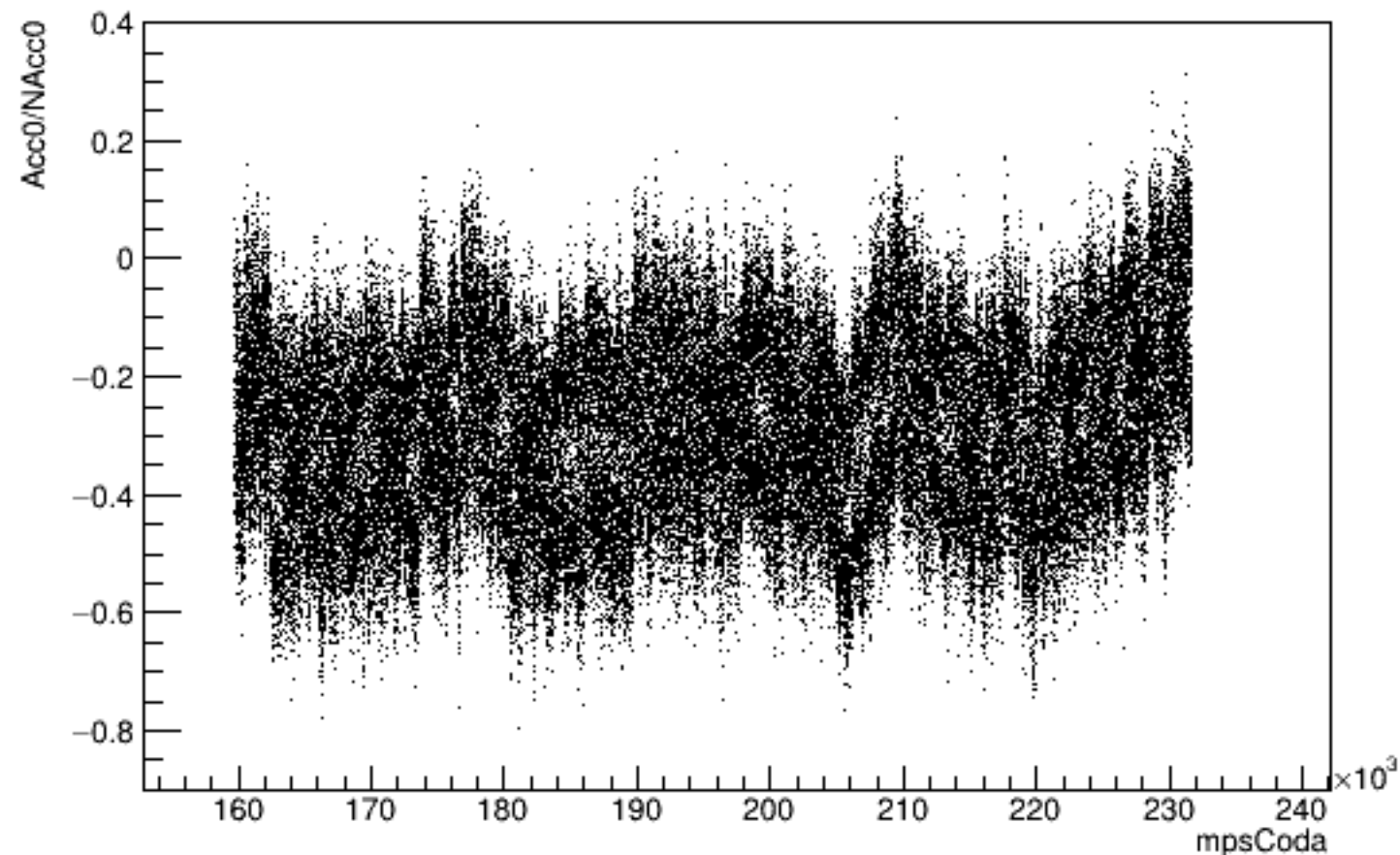
Cycle 5, Asyms

Entries: 2273	Entries: 4770	Entries: 1722
Mean: 0.0023 +/- 0.0165	Mean: 0.1606 +/- 0.1777	Mean: 0.0318 +/- 0.0186
Std Dev: 0.7871 +/- 0.0117	Std Dev: 12.2698 +/- 0.1256	Std Dev: 0.7728 +/- 0.0132

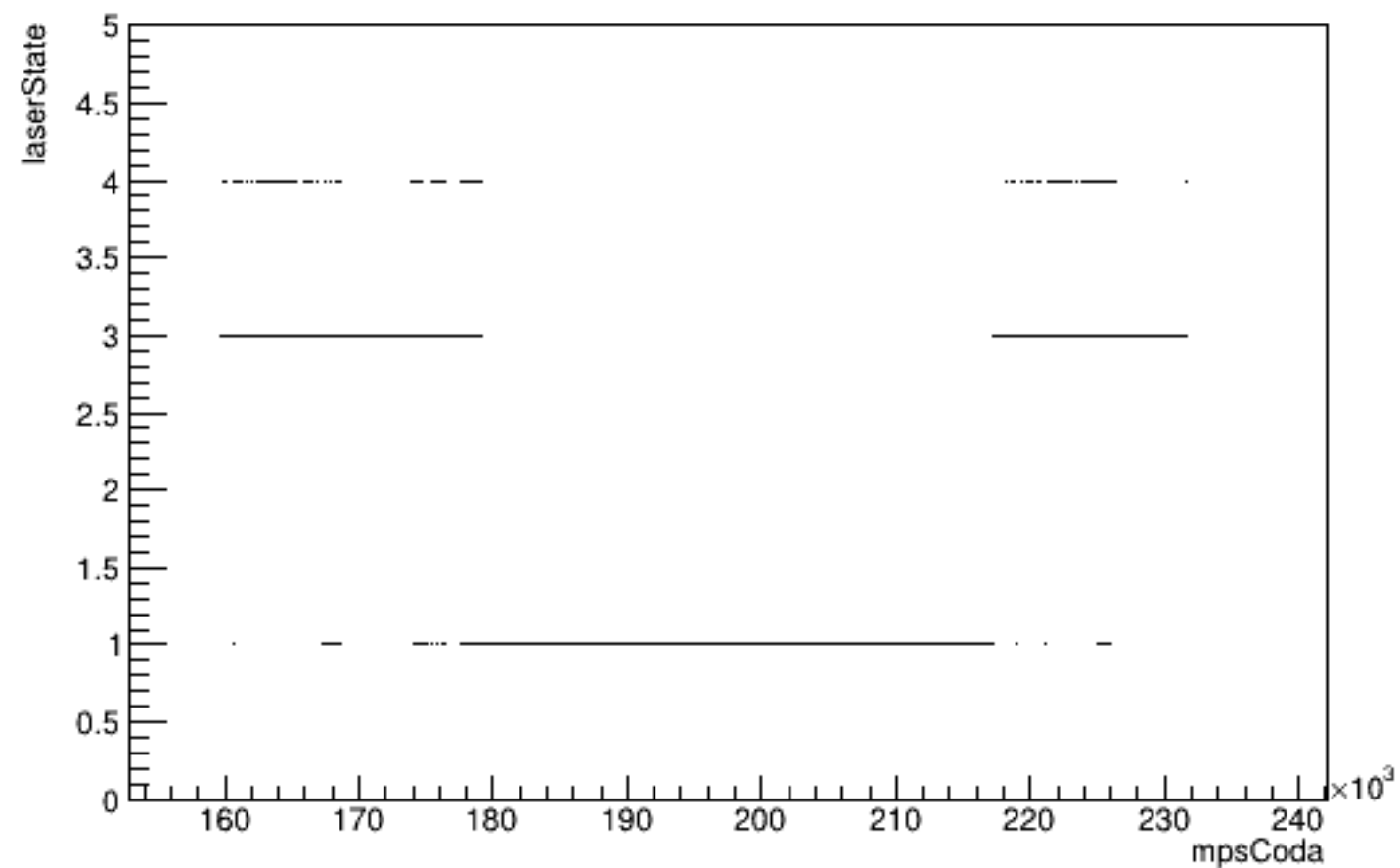
Run 4495 quartetwise, Asyms



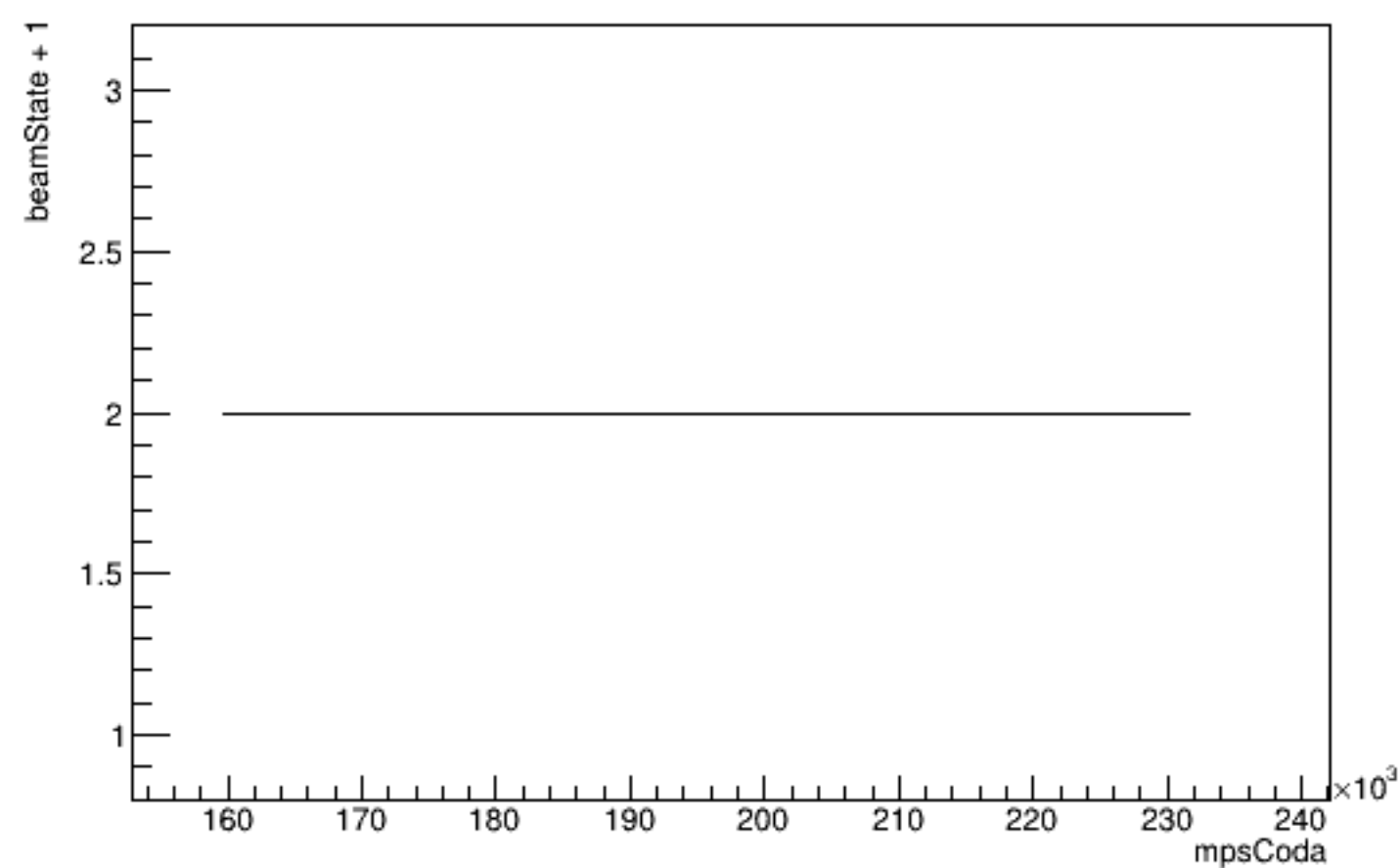
Acc0/NAcc0:mpsCoda (mpsCoda>=159759 && mpsCoda<=231694 && beamState==1)



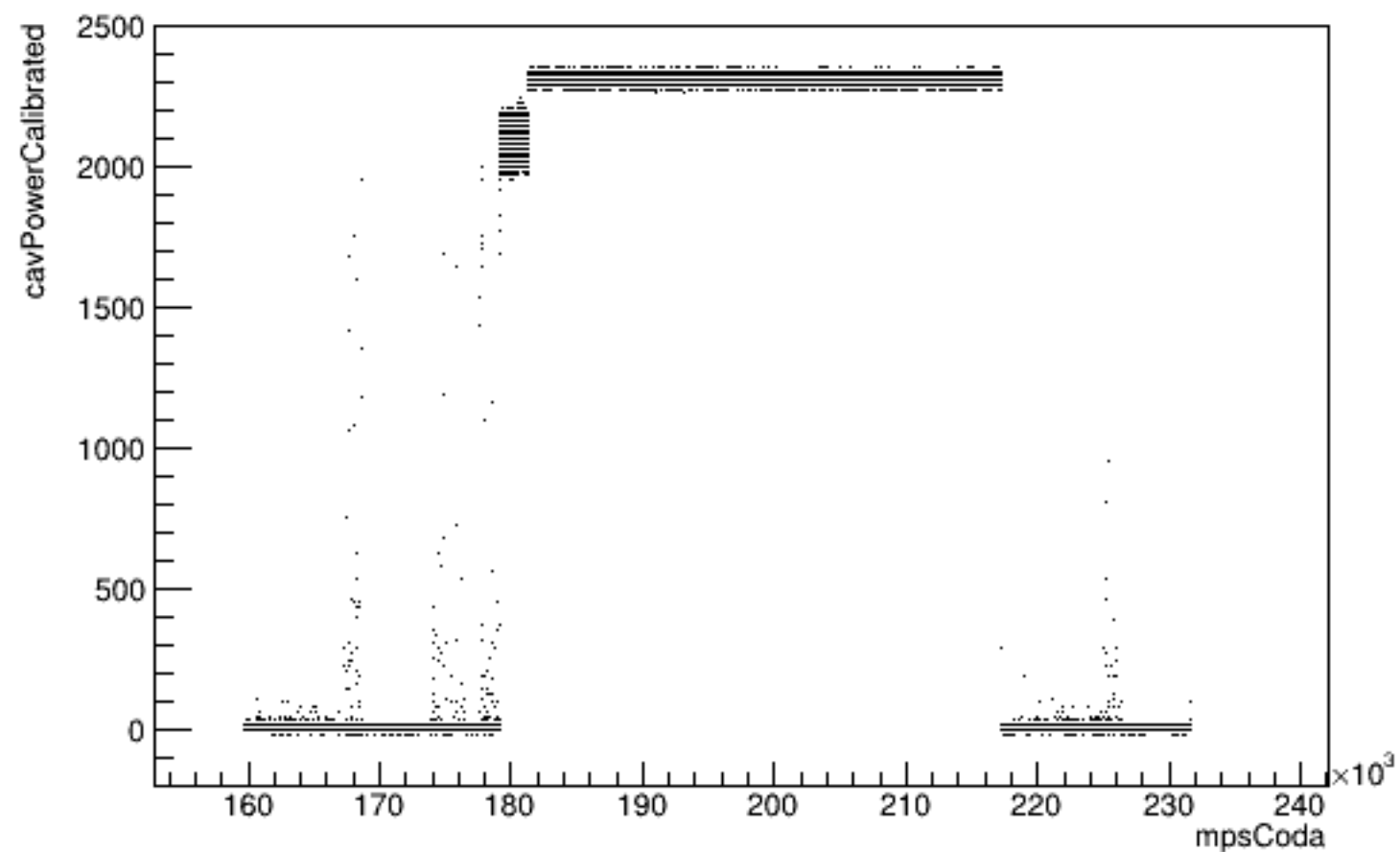
laserState:mpsCoda {mpsCoda>=159759 && mpsCoda<=231694}



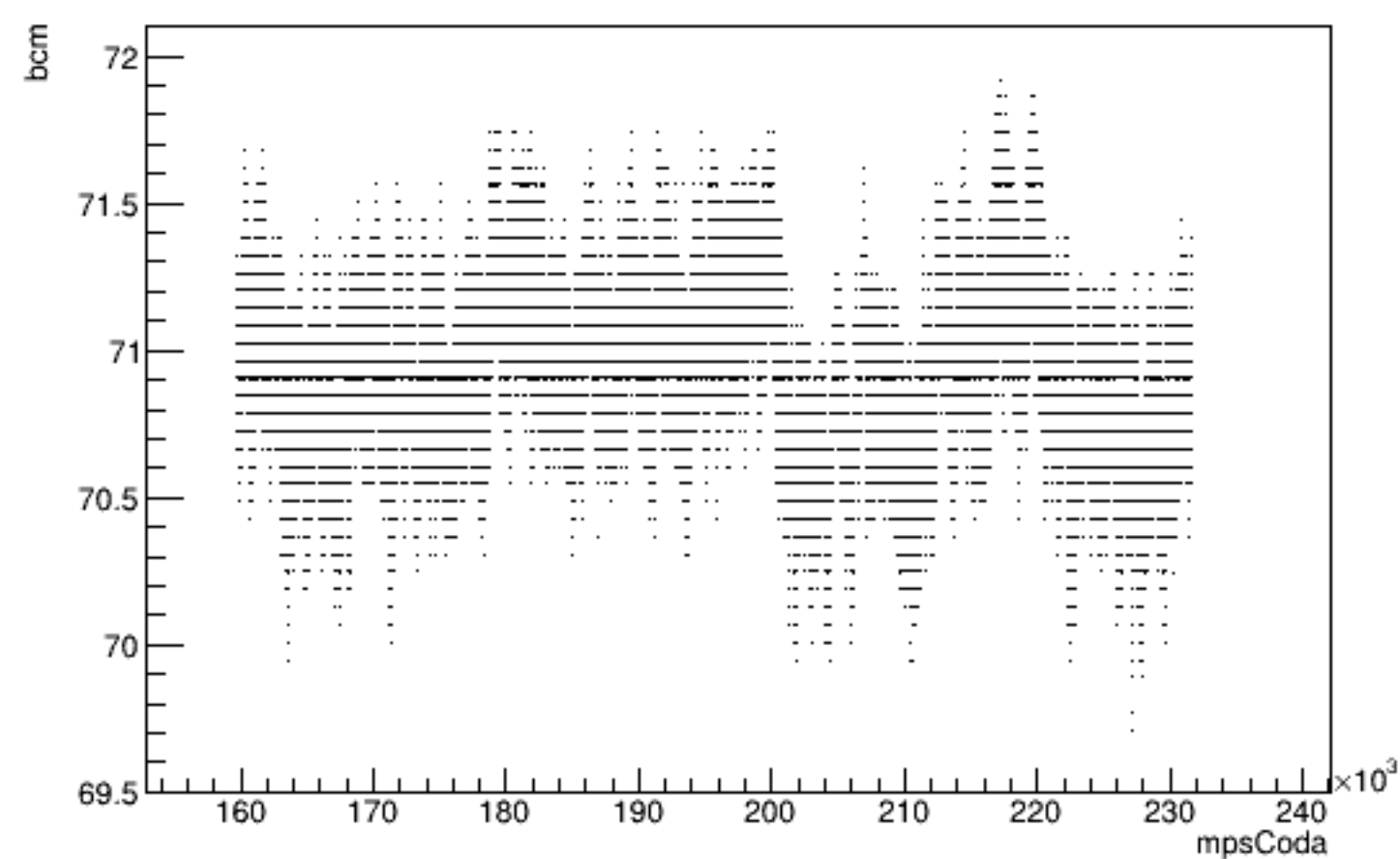
beamState + 1:mpsCoda {mpsCoda>=159759 && mpsCoda<=231694}



cavPowerCalibrated:mpsCoda {mpsCoda>=159759 && mpsCoda<=231694}



bcm:mpsCoda {mpsCoda>=159759 && mpsCoda<=231694}



Cycle 6, Diffs

Entries: 1722

Mean: -0.0018 +/- 0.0010

Std Dev: 0.0435 +/- 0.0007

Entries: 2536

Mean: 0.0014 +/- 0.0009

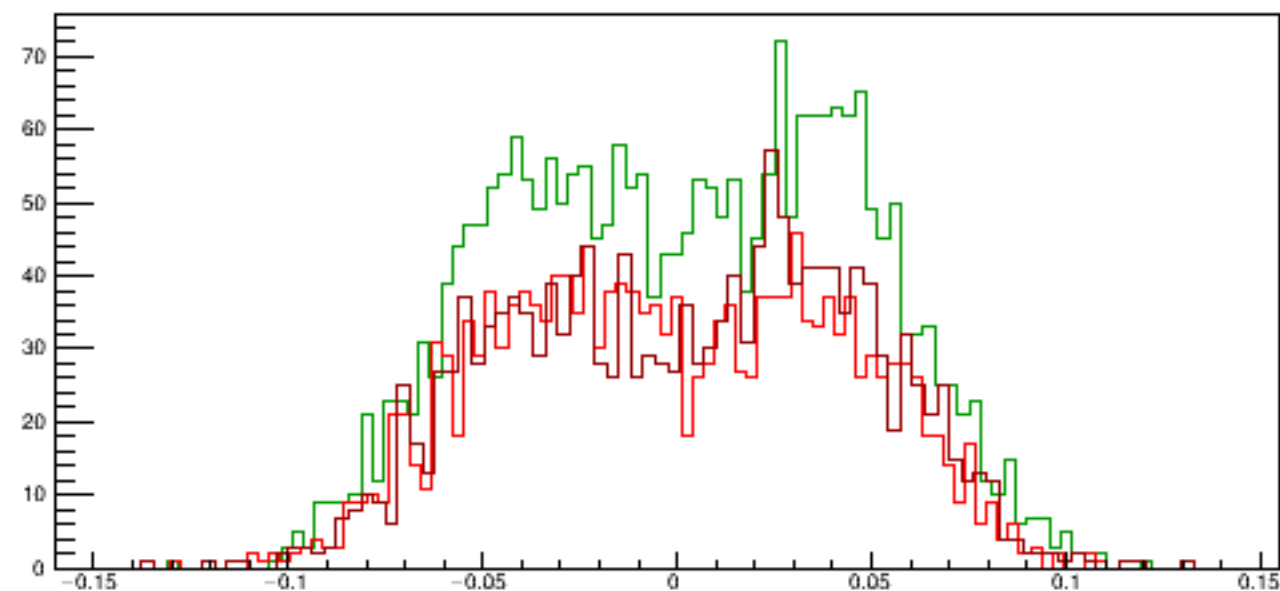
Std Dev: 0.0445 +/- 0.0006

Entries: 1611

Mean: 0.0018 +/- 0.0011

Std Dev: 0.0441 +/- 0.0008

Run 4495 quartetwise, Diffs



Cycle 6, Sums

Entries: 1722

Mean: -0.4621 +/- 0.0048

Std Dev: 0.2012 +/- 0.0034

Entries: 2536

Mean: -0.4237 +/- 0.0031

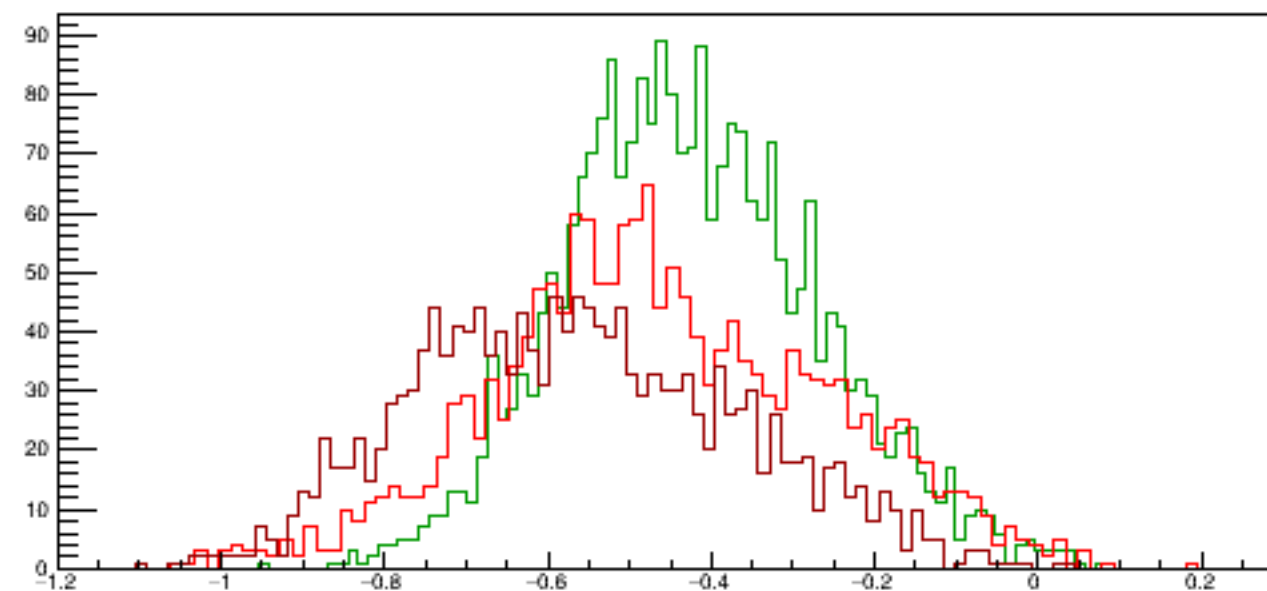
Std Dev: 0.1562 +/- 0.0022

Entries: 1611

Mean: -0.5624 +/- 0.0049

Std Dev: 0.1962 +/- 0.0035

Run 4495 quartetwise, Sums



Cycle 6, Asyms

Entries: 1722

Mean: -0.0202 +/- 0.0118

Std Dev: 0.4903 +/- 0.0084

Entries: 2536

Mean: -0.0889 +/- 0.1816

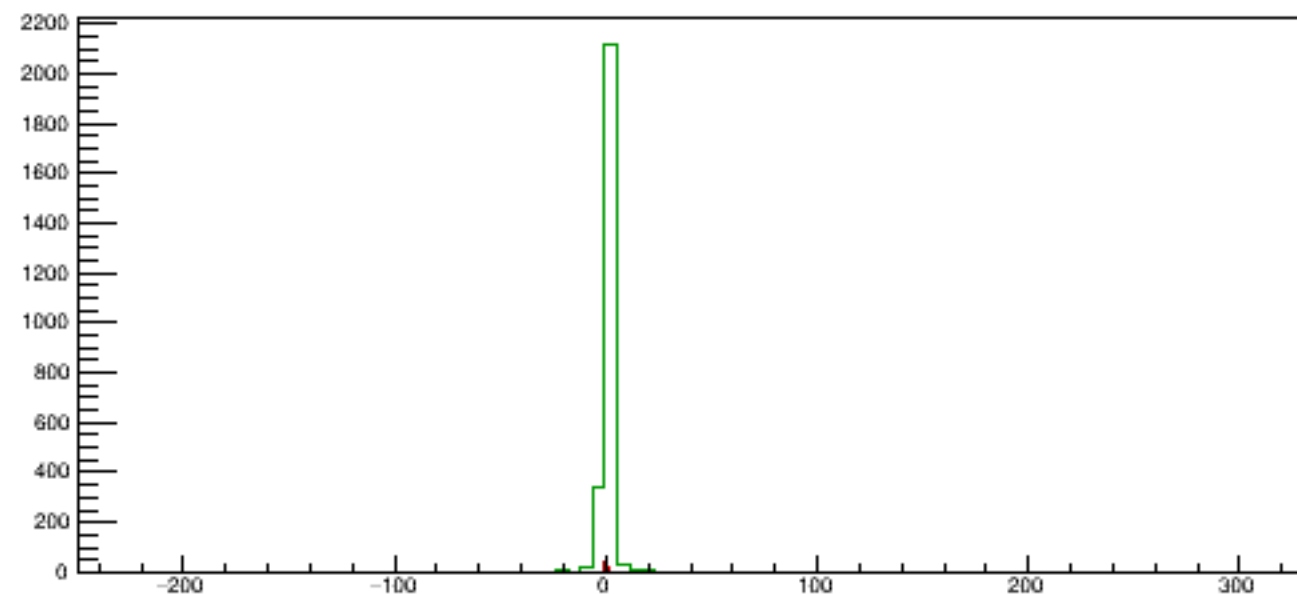
Std Dev: 9.1439 +/- 0.1284

Entries: 1611

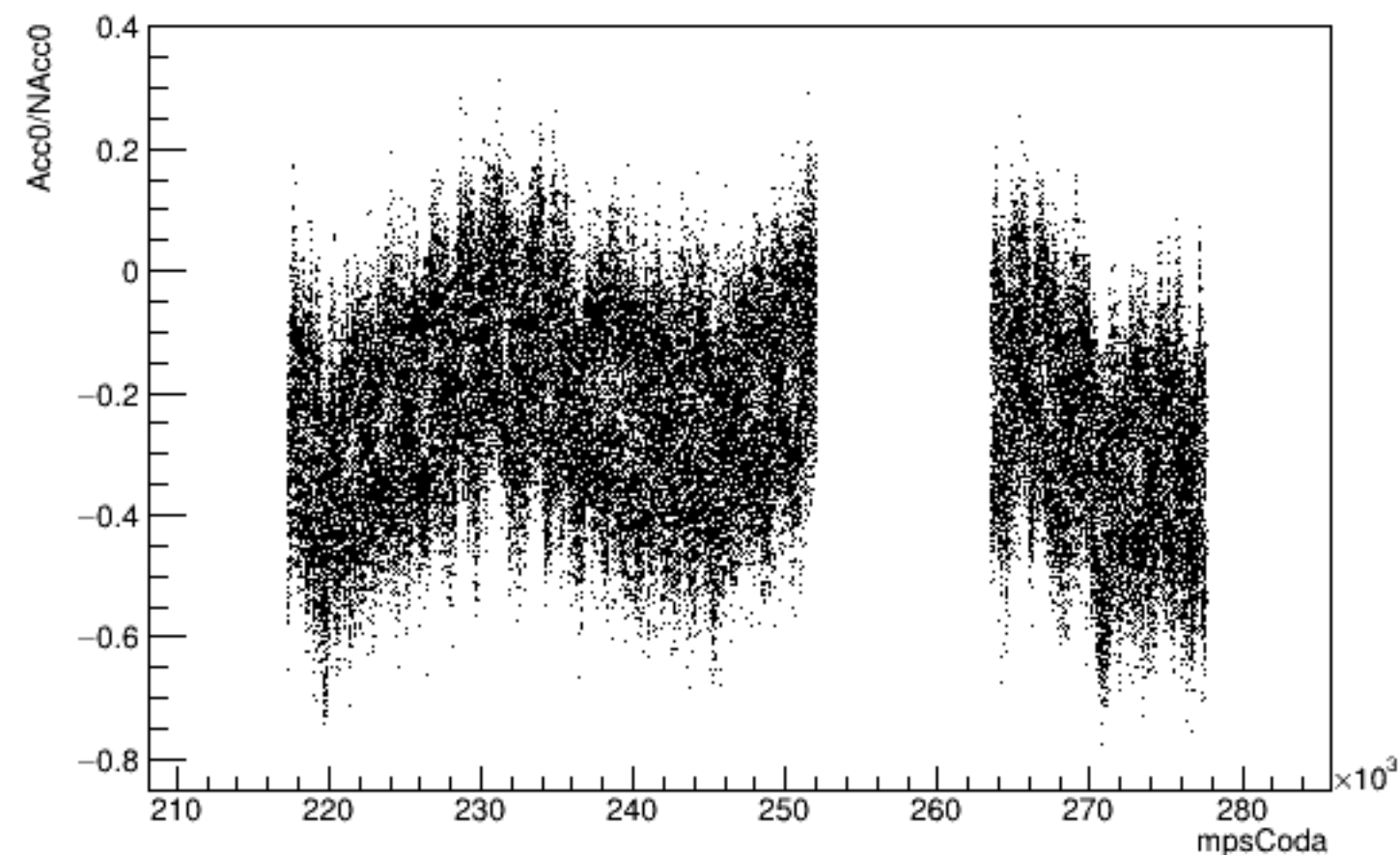
Mean: 0.0206 +/- 0.0124

Std Dev: 0.4970 +/- 0.0088

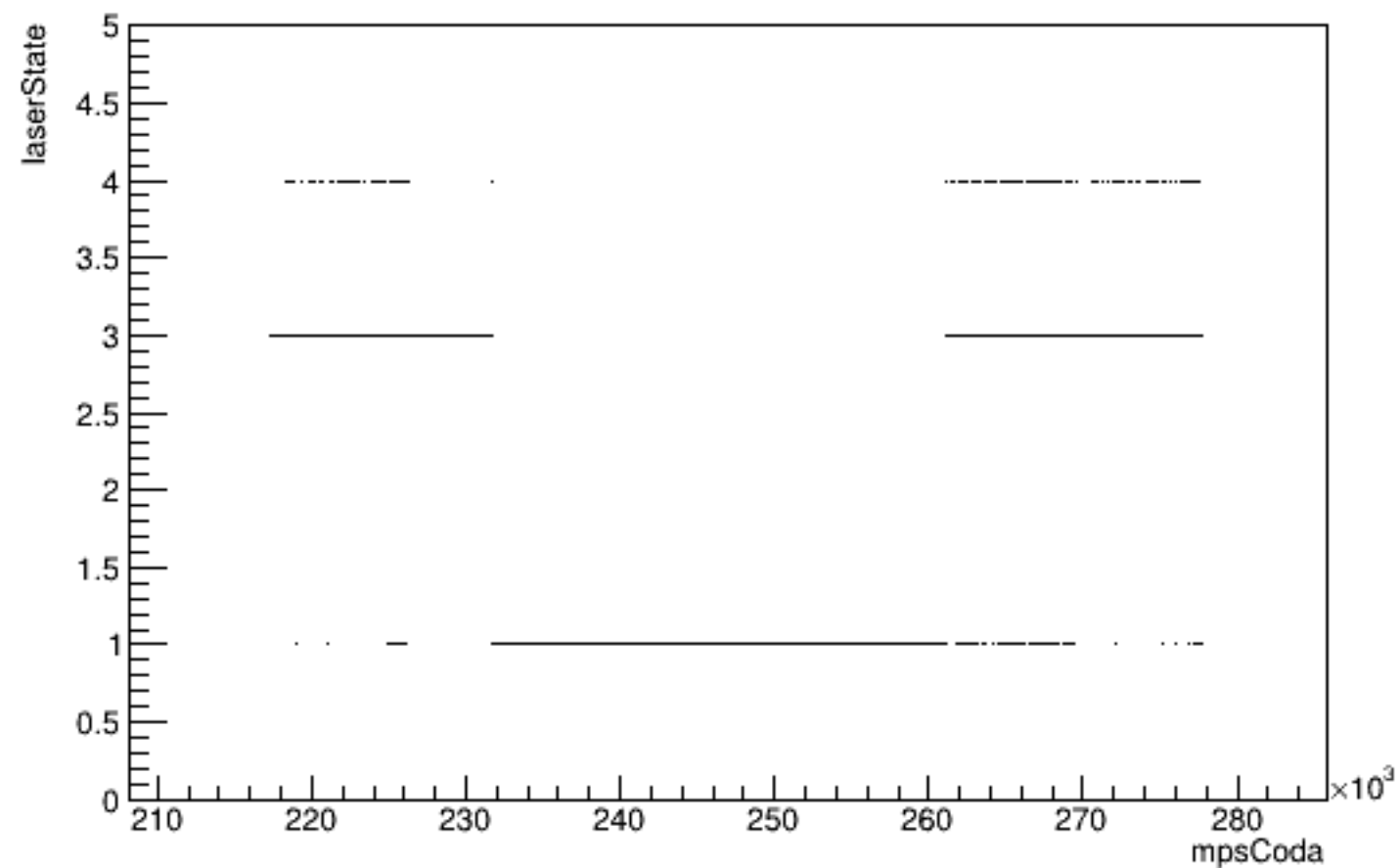
Run 4495 quartetwise, Asyms



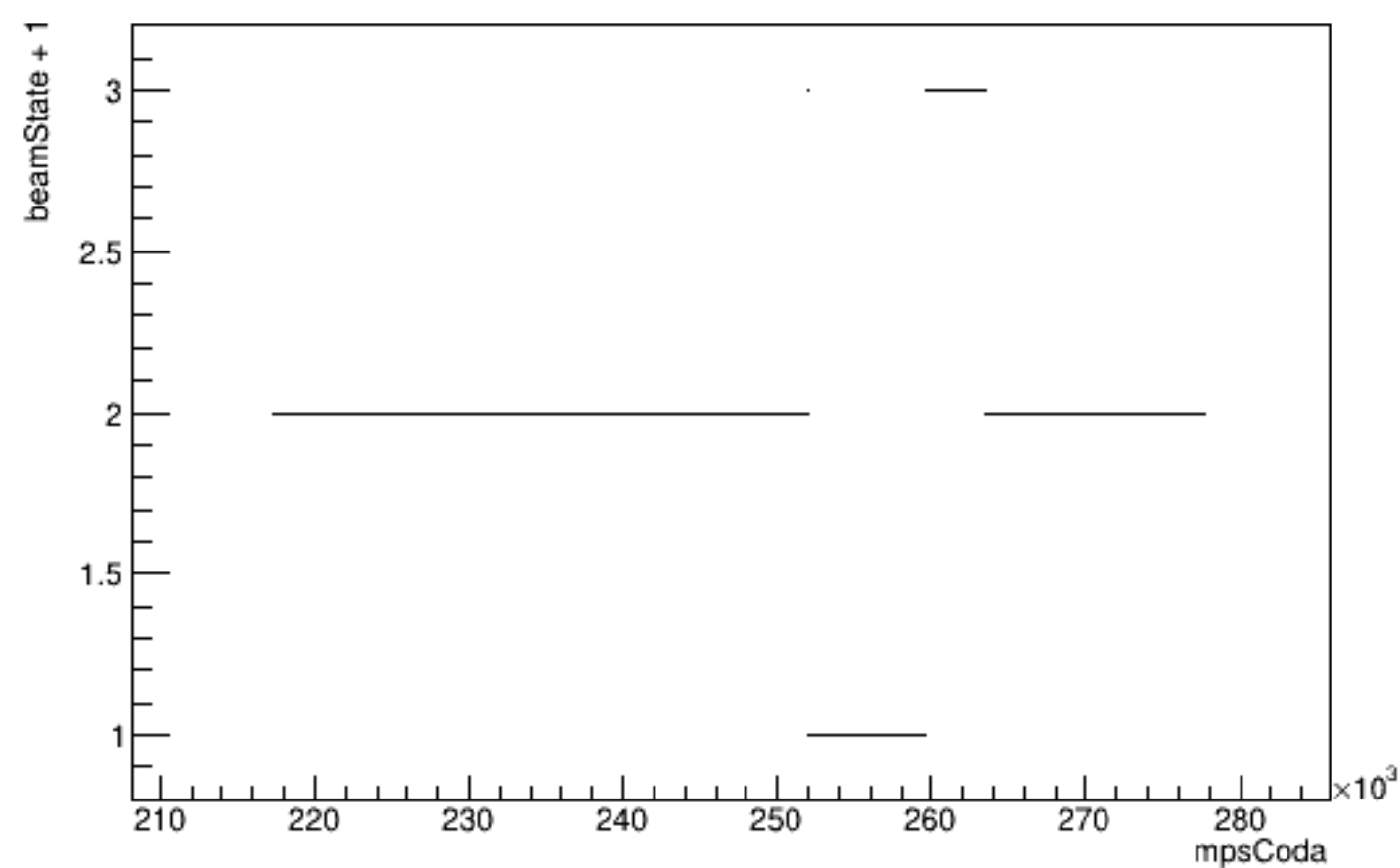
Acc0/NAcc0:mpsCoda (mpsCoda>=217311 && mpsCoda<=277638 && beamState==1)



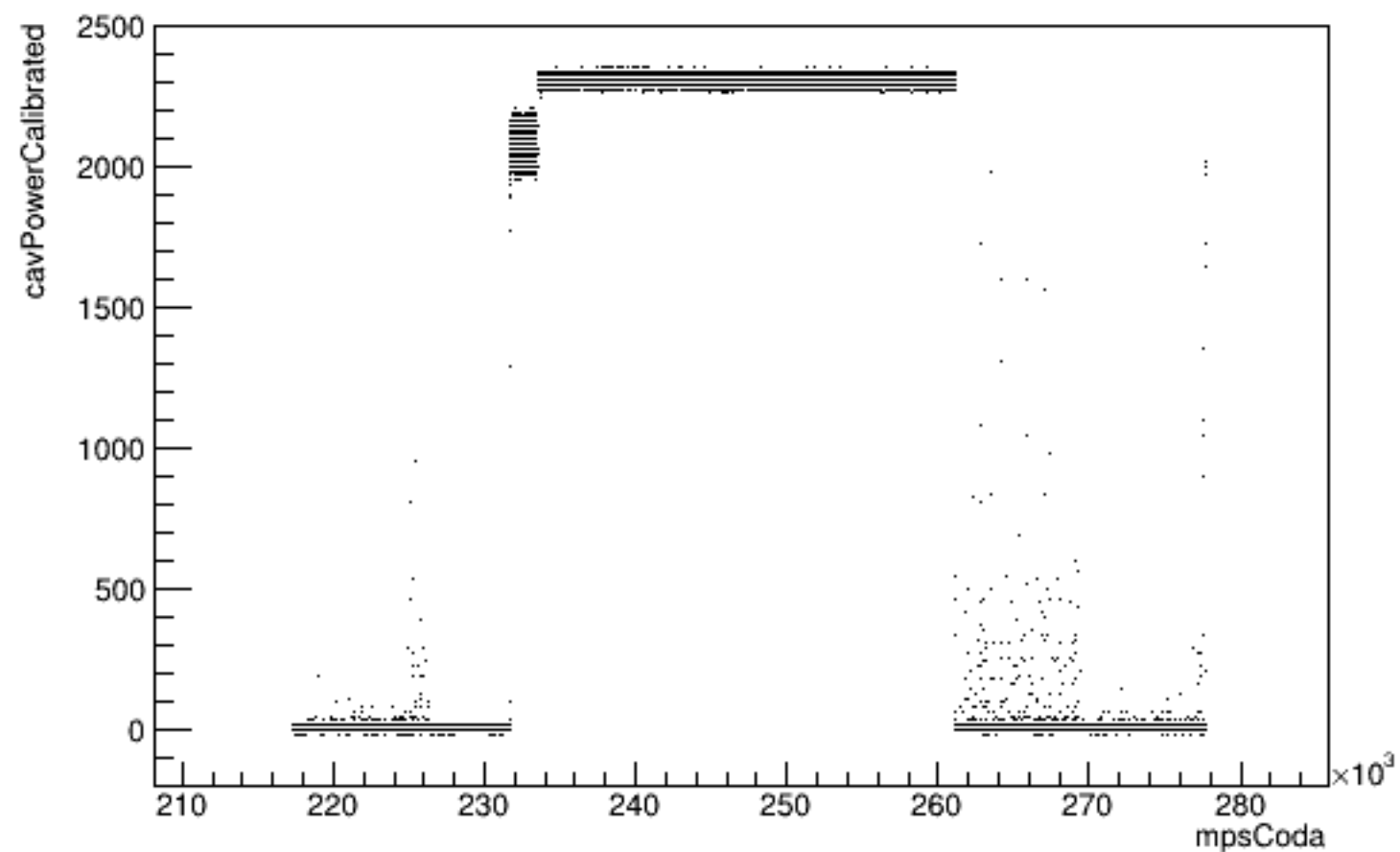
laserState:mpsCoda {mpsCoda>=217311 && mpsCoda<=277638}



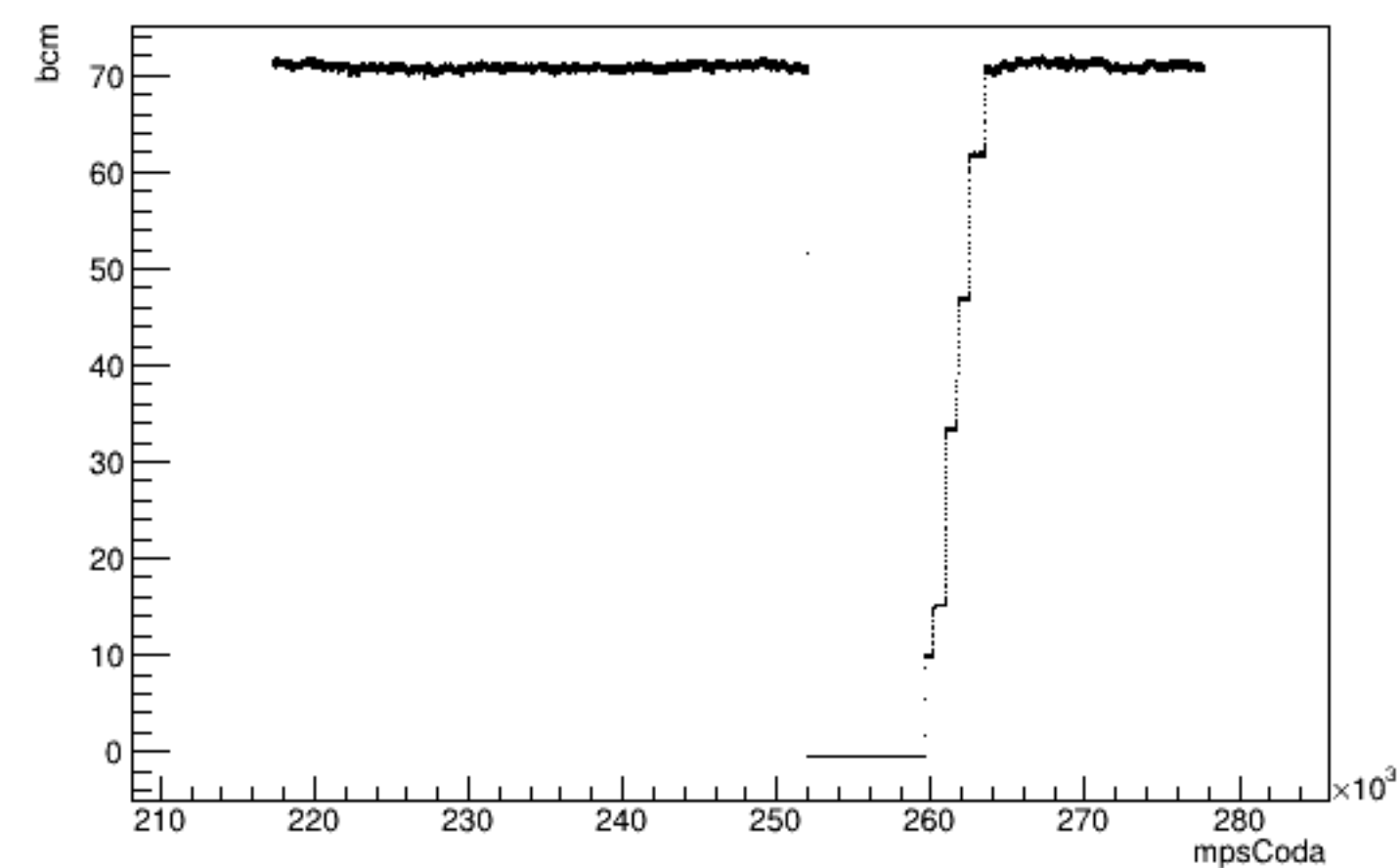
beamState + 1:mpsCoda {mpsCoda>=217311 && mpsCoda<=277638}



cavPowerCalibrated:mpsCoda {mpsCoda>=217311 && mpsCoda<=277638}



bcm:mpsCoda {mpsCoda>=217311 && mpsCoda<=277638}



Cycle 7, Diffs

Entries: 1611

Mean: 0.0018 +/- 0.0011

Std Dev: 0.0441 +/- 0.0008

Entries: 4616

Mean: 0.0004 +/- 0.0006

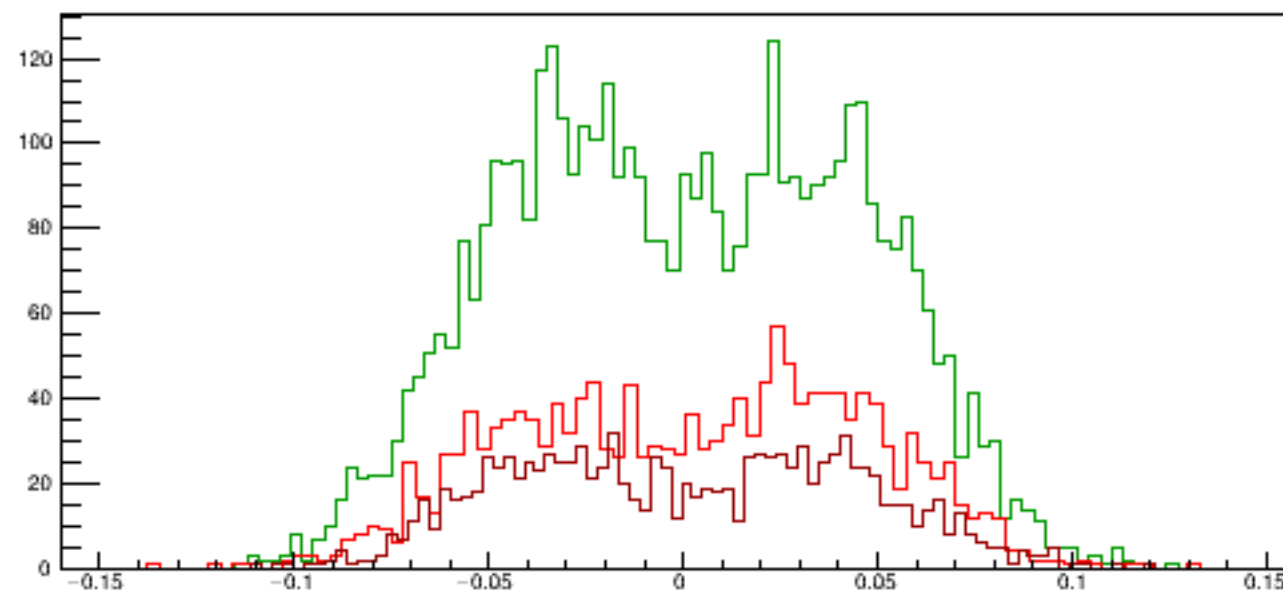
Std Dev: 0.0438 +/- 0.0005

Entries: 1166

Mean: 0.0006 +/- 0.0013

Std Dev: 0.0432 +/- 0.0009

Run 4495 quartetwise, Diffs



Cycle 7, Sums

Entries: 1611

Mean: -0.5624 +/- 0.0049

Std Dev: 0.1962 +/- 0.0035

Entries: 4616

Mean: -0.5999 +/- 0.0025

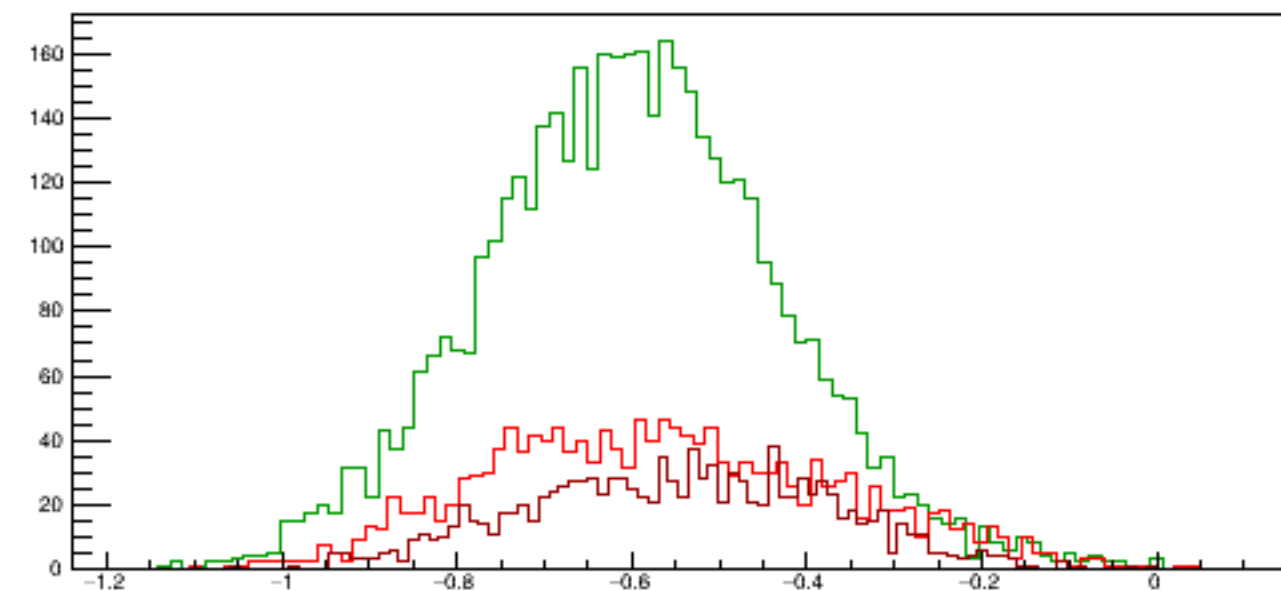
Std Dev: 0.1690 +/- 0.0018

Entries: 1166

Mean: -0.5476 +/- 0.0050

Std Dev: 0.1701 +/- 0.0035

Run 4495 quartetwise, Sums



Cycle 7, Asyms

Entries: 1611

Mean: -0.0407 +/- 0.0245

Std Dev: 0.9826 +/- 0.0173

Entries: 4616

Mean: 0.6846 +/- 0.5710

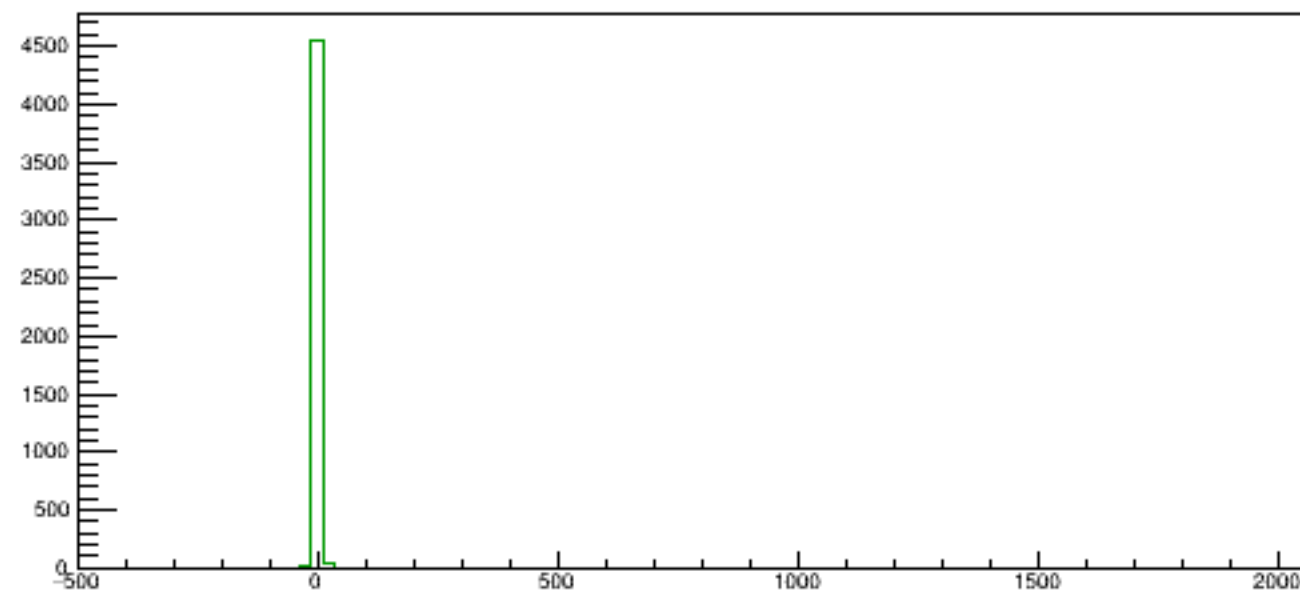
Std Dev: 38.7975 +/- 0.4038

Entries: 1166

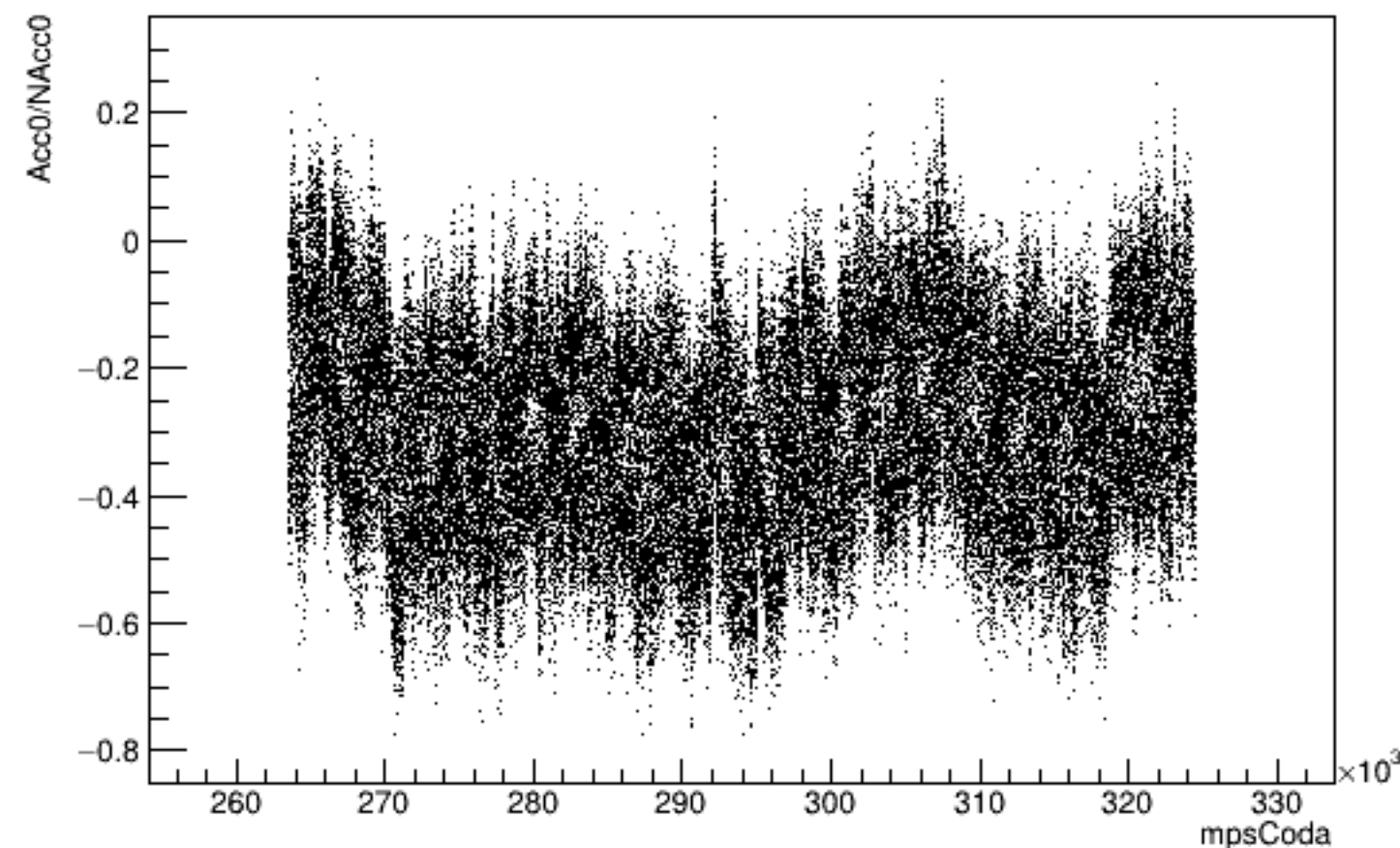
Mean: -0.0135 +/- 0.0282

Std Dev: 0.9626 +/- 0.0199

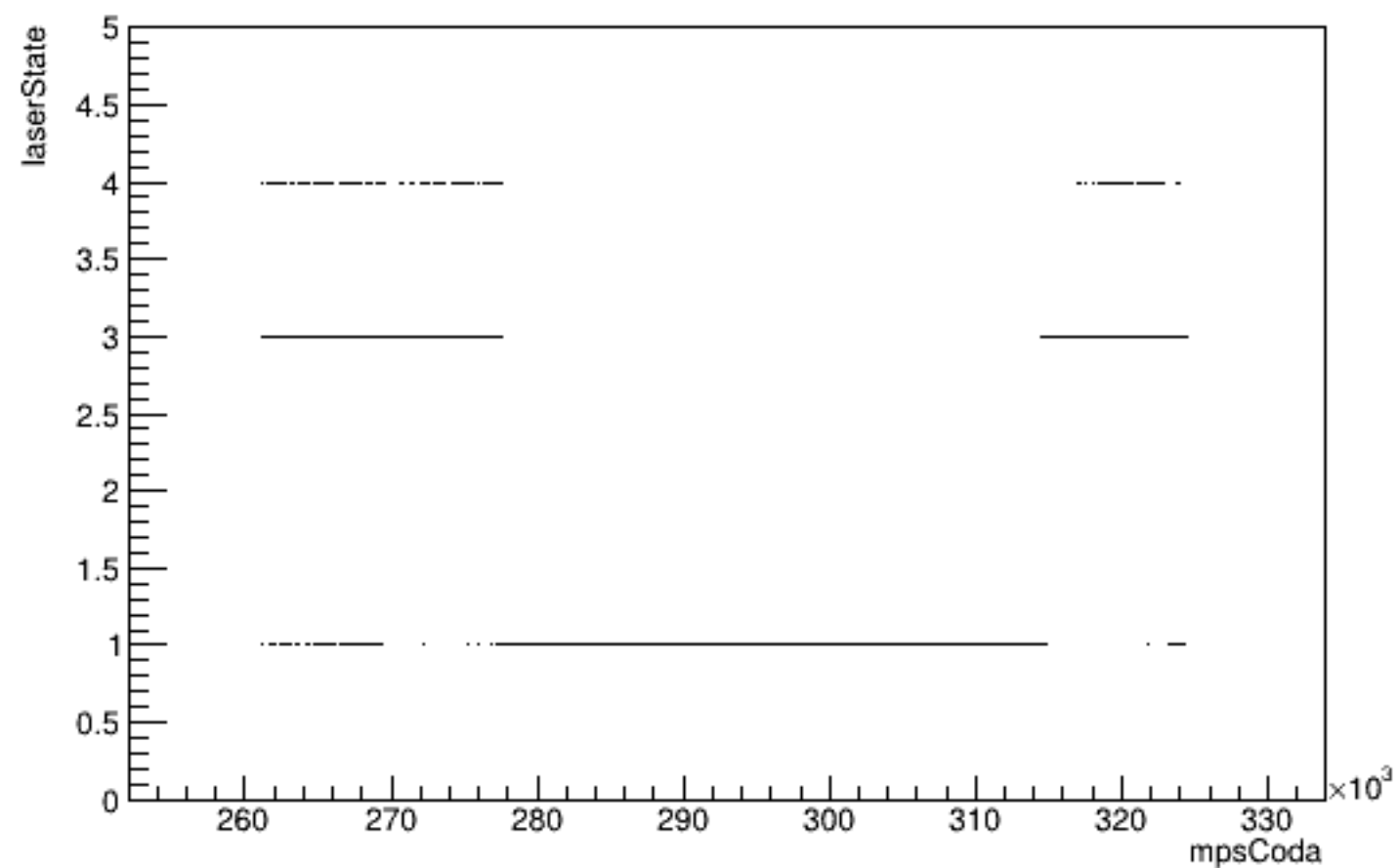
Run 4495 quartetwise, Asyms



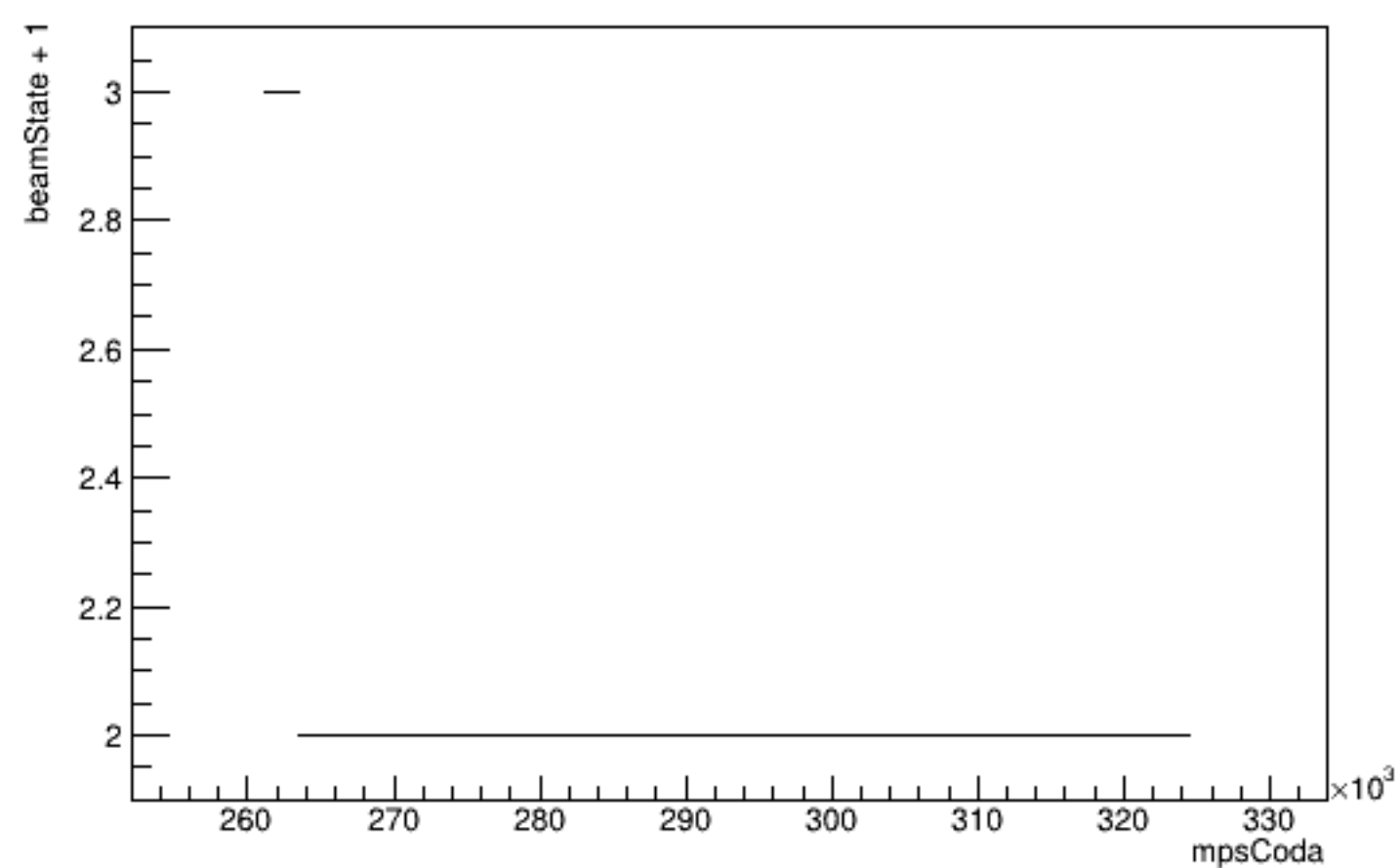
Acc0/NAcc0:mpsCoda (mpsCoda>=261183 && mpsCoda<=324470 && beamState==1)



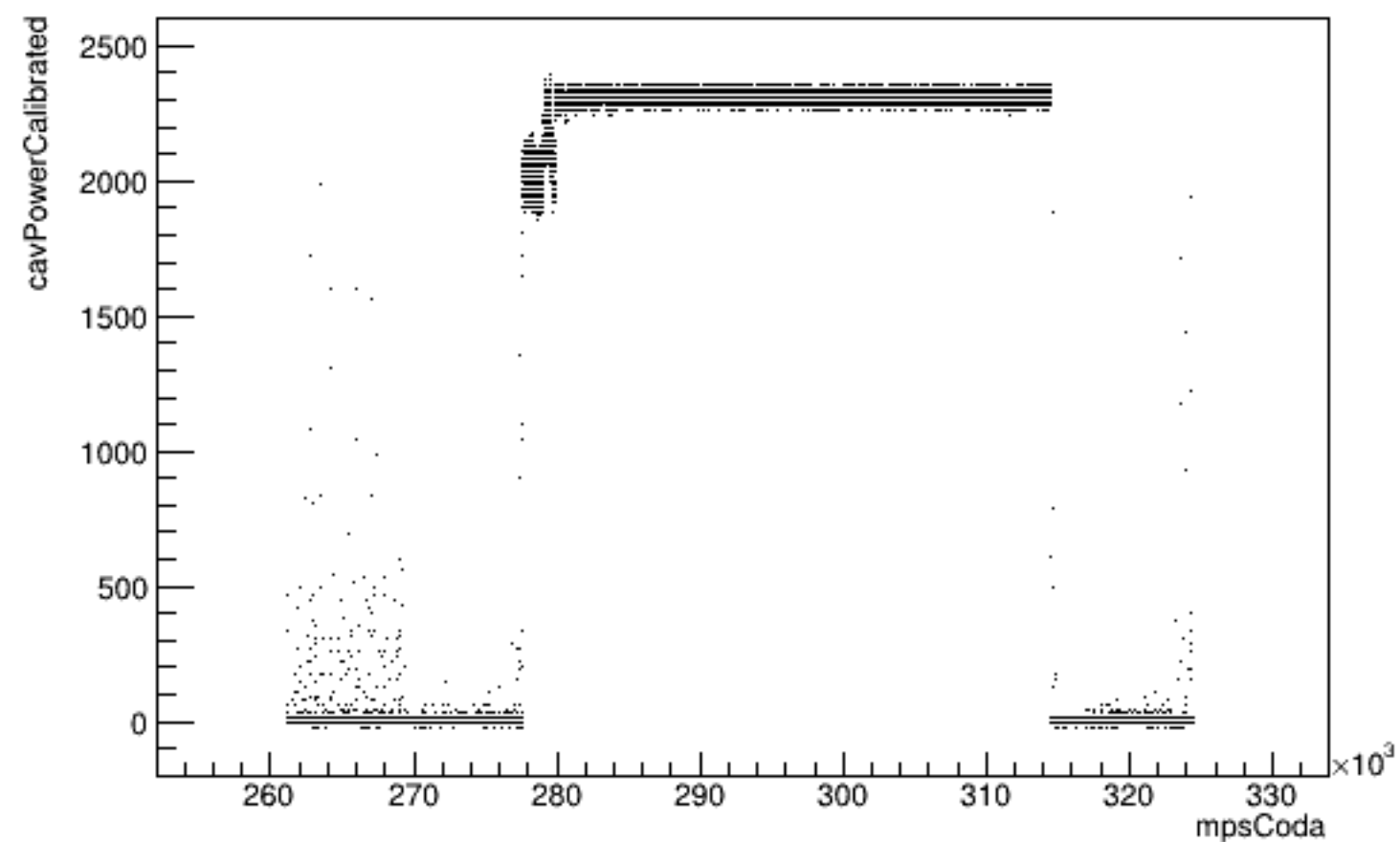
laserState:mpsCoda {mpsCoda>=261183 && mpsCoda<=324470}



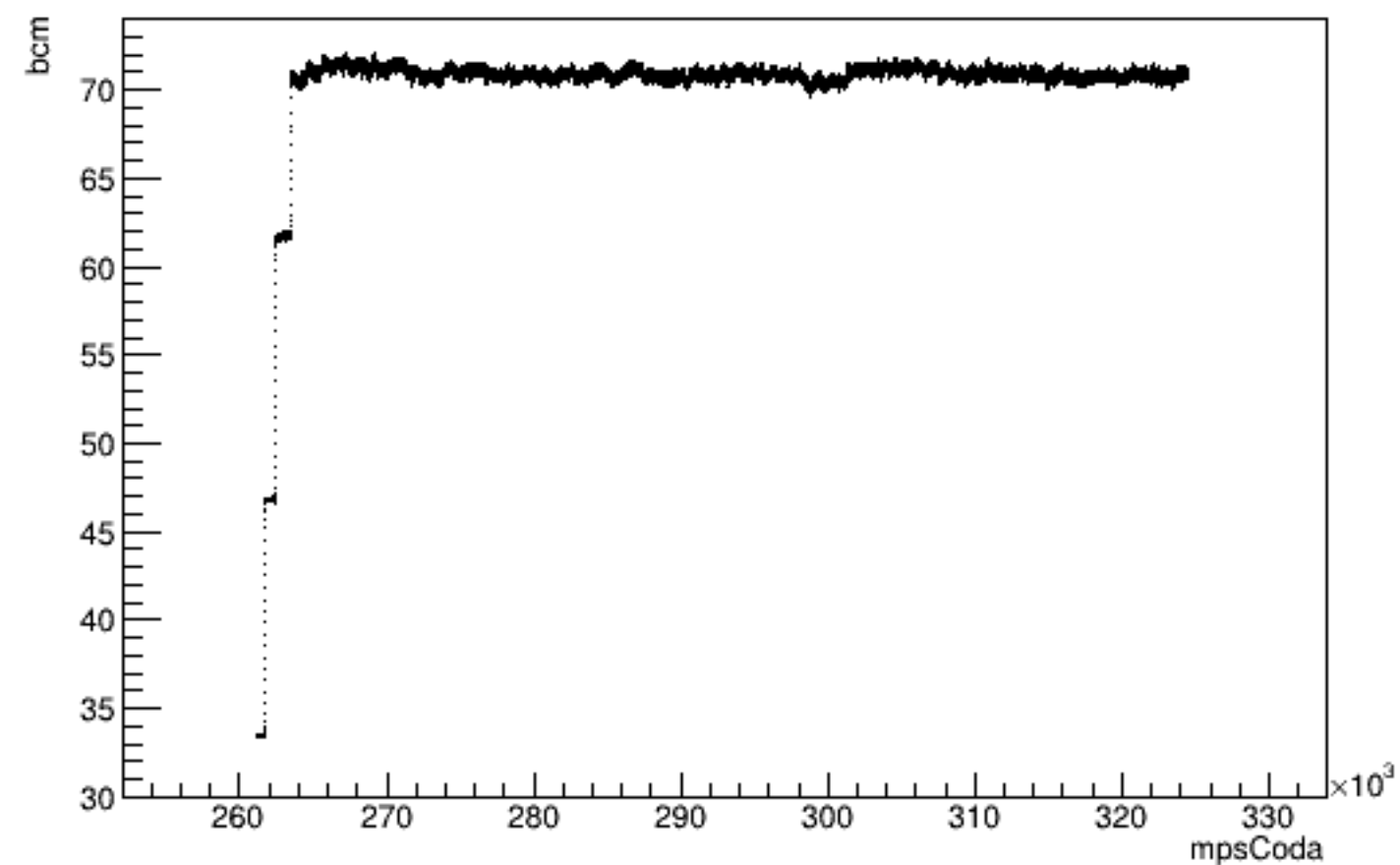
beamState + 1:mpsCoda {mpsCoda>=261183 && mpsCoda<=324470}



cavPowerCalibrated:mpsCoda {mpsCoda>=261183 && mpsCoda<=324470}



bcm:mpsCoda {mpsCoda>=261183 && mpsCoda<=324470}



Cycle 8, Diffs

Entries: 1166

Mean: 0.0006 +/- 0.0013

Std Dev: 0.0432 +/- 0.0009

Entries: 4714

Mean: 0.0003 +/- 0.0006

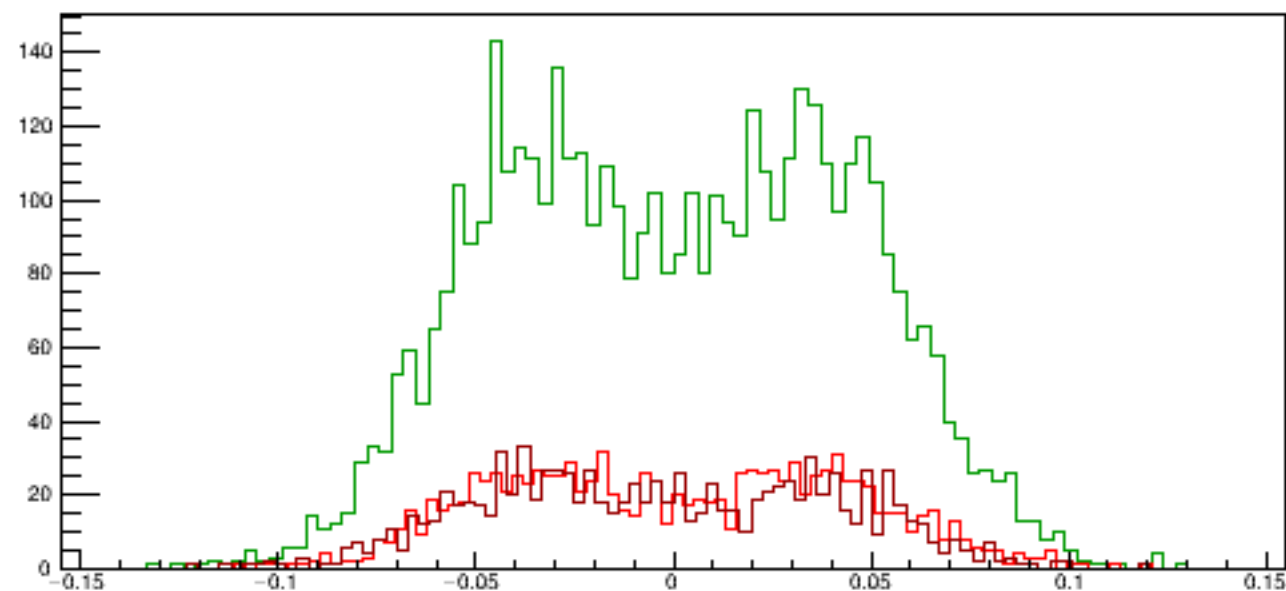
Std Dev: 0.0438 +/- 0.0005

Entries: 1020

Mean: -0.0027 +/- 0.0013

Std Dev: 0.0428 +/- 0.0009

Run 4495 quartetwise, Diffs



Cycle 8, Sums

Entries: 1166

Mean: -0.5476 +/- 0.0050

Std Dev: 0.1701 +/- 0.0035

Entries: 4714

Mean: -0.7275 +/- 0.0034

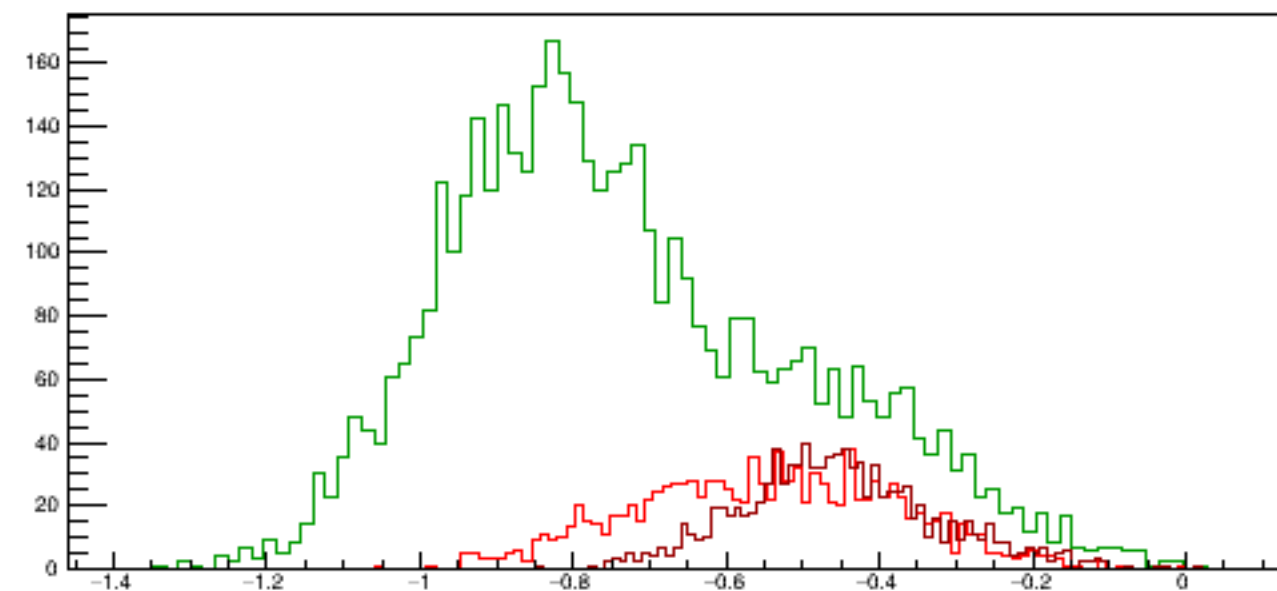
Std Dev: 0.2326 +/- 0.0024

Entries: 1020

Mean: -0.4535 +/- 0.0040

Std Dev: 0.1282 +/- 0.0028

Run 4495 quartetwise, Sums



Cycle 8, Asyms

Entries: 1166

Mean: -0.0027 +/- 0.0056

Std Dev: 0.1902 +/- 0.0039

Entries: 4714

Mean: 0.0213 +/- 0.0409

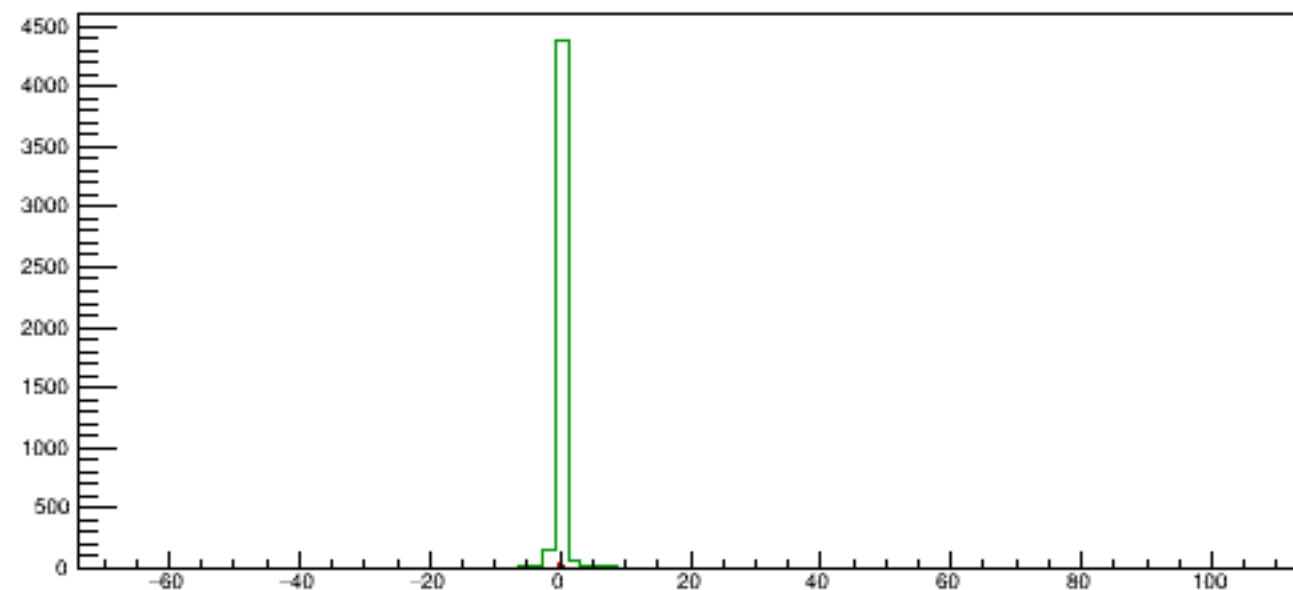
Std Dev: 2.8088 +/- 0.0289

Entries: 1020

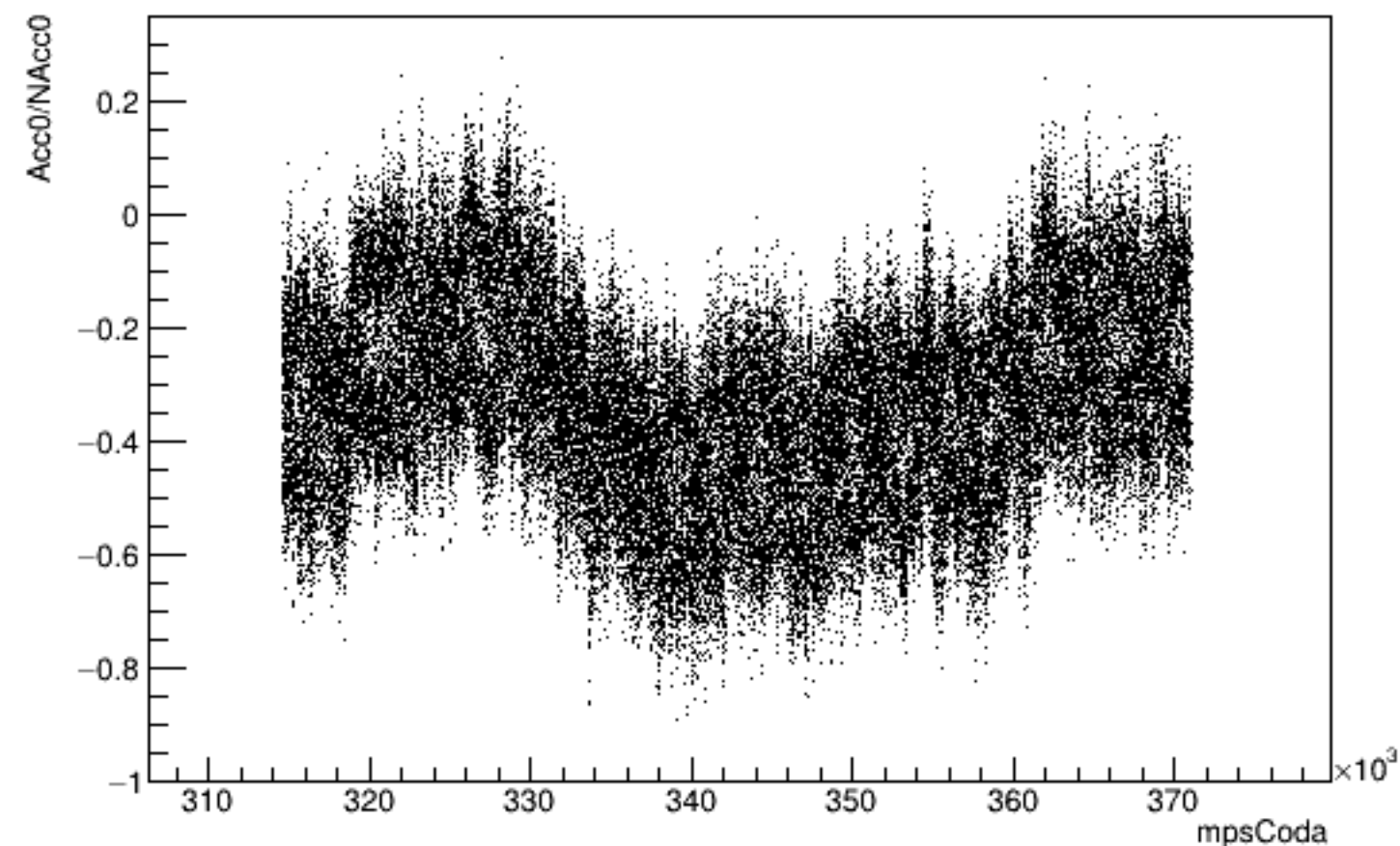
Mean: 0.0120 +/- 0.0059

Std Dev: 0.1885 +/- 0.0042

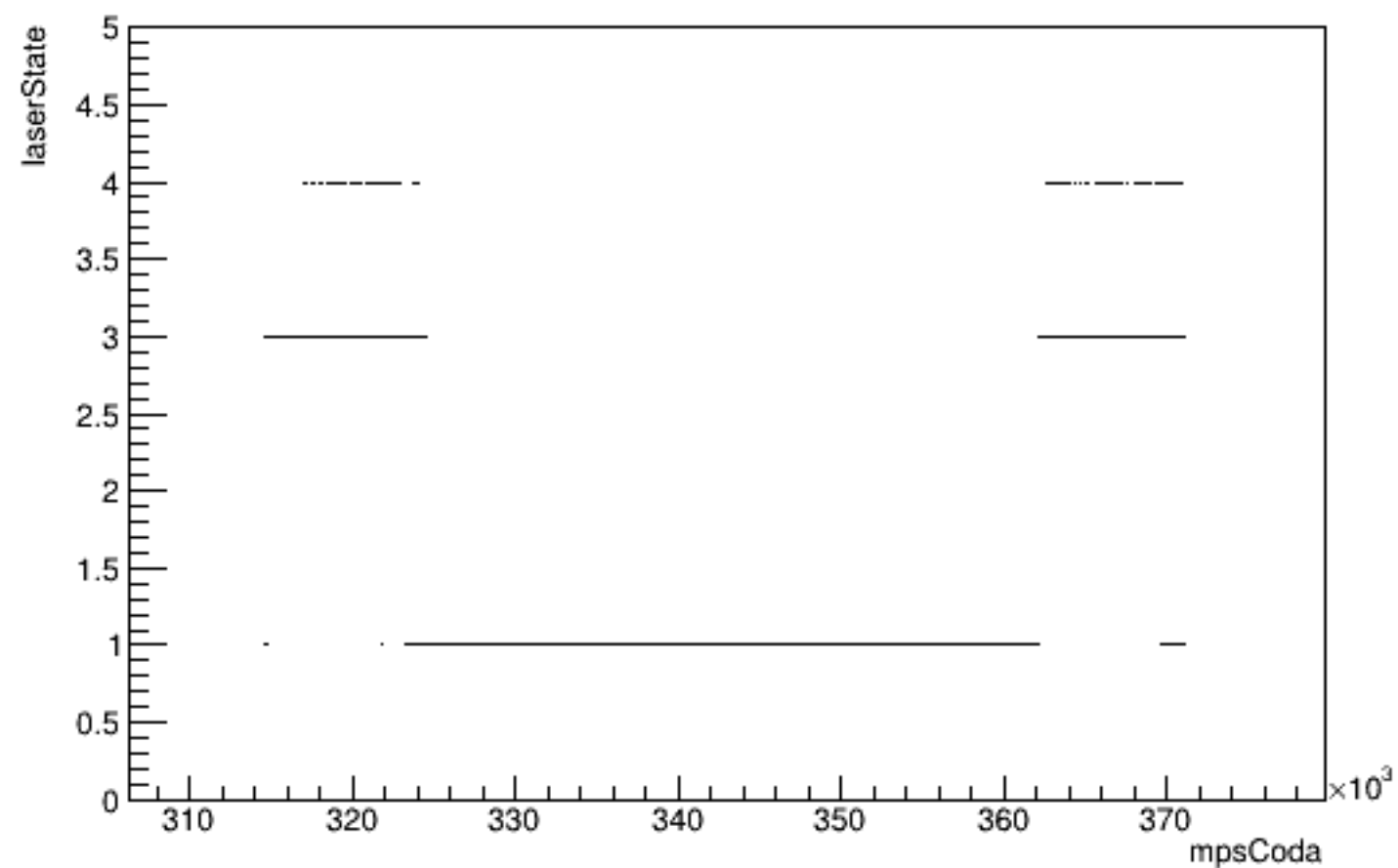
Run 4495 quartetwise, Asyms



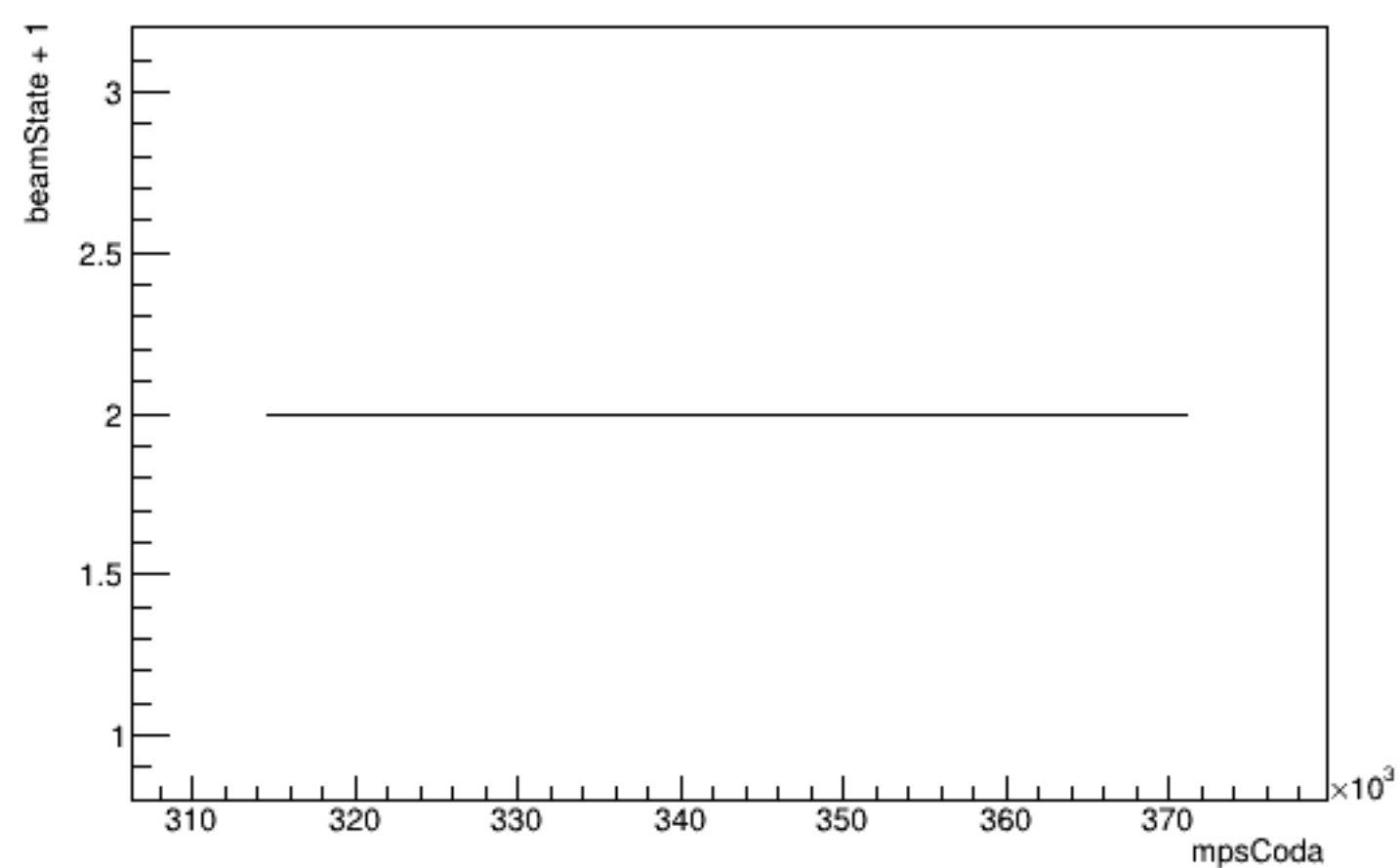
Acc0/NAcc0:mpsCoda (mpsCoda>=314575 && mpsCoda<=371030 && beamState==1)



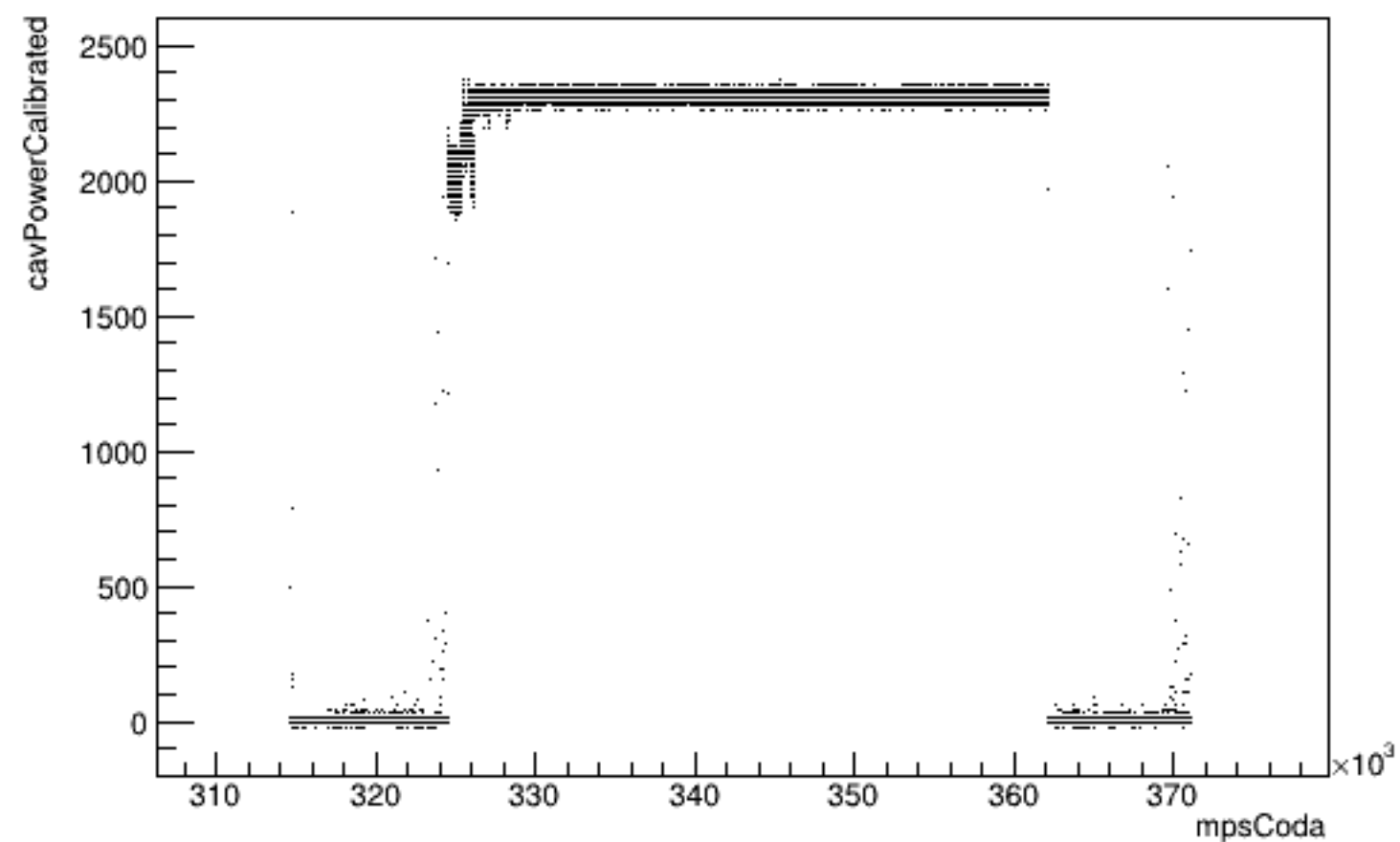
laserState:mpsCoda {mpsCoda>=314575 && mpsCoda<=371030}



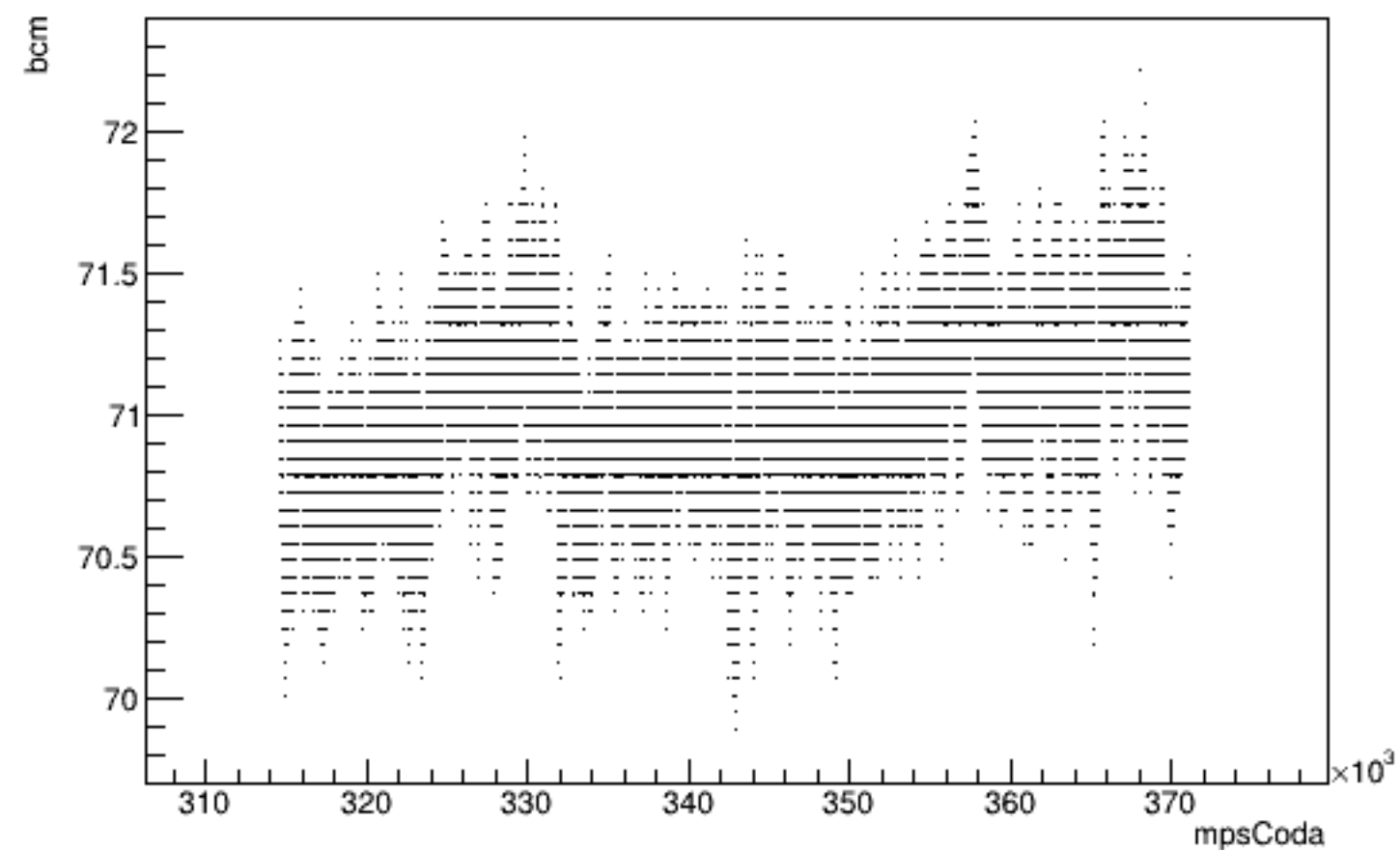
beamState + 1:mpsCoda {mpsCoda>=314575 && mpsCoda<=371030}



cavPowerCalibrated:mpsCoda {mpsCoda>=314575 && mpsCoda<=371030}



bcm:mpsCoda {mpsCoda>=314575 && mpsCoda<=371030}



Cycle 9, Diffs

Entries: 1020

Mean: -0.0027 +/- 0.0013

Std Dev: 0.0428 +/- 0.0009

Entries: 4809

Mean: -0.0015 +/- 0.0006

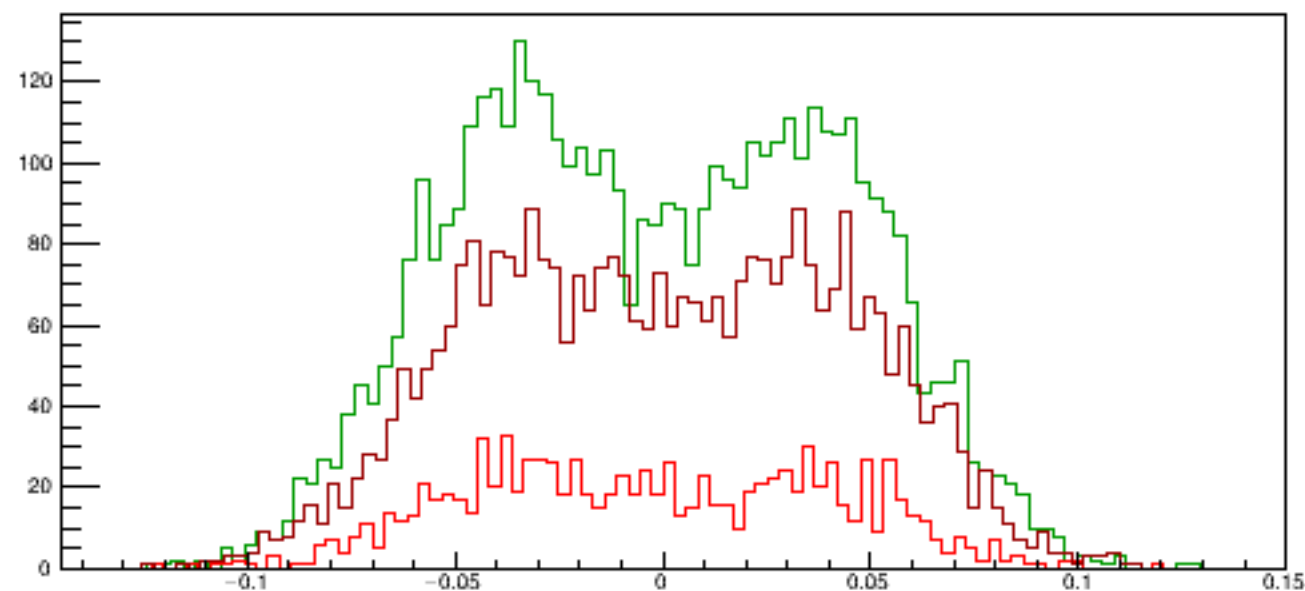
Std Dev: 0.0439 +/- 0.0004

Entries: 3507

Mean: -0.0002 +/- 0.0007

Std Dev: 0.0434 +/- 0.0005

Run 4495 quartetwise, Diffs



Cycle 9, Sums

Entries: 1020

Mean: -0.4535 +/- 0.0040

Std Dev: 0.1282 +/- 0.0028

Entries: 4809

Mean: -0.5086 +/- 0.0023

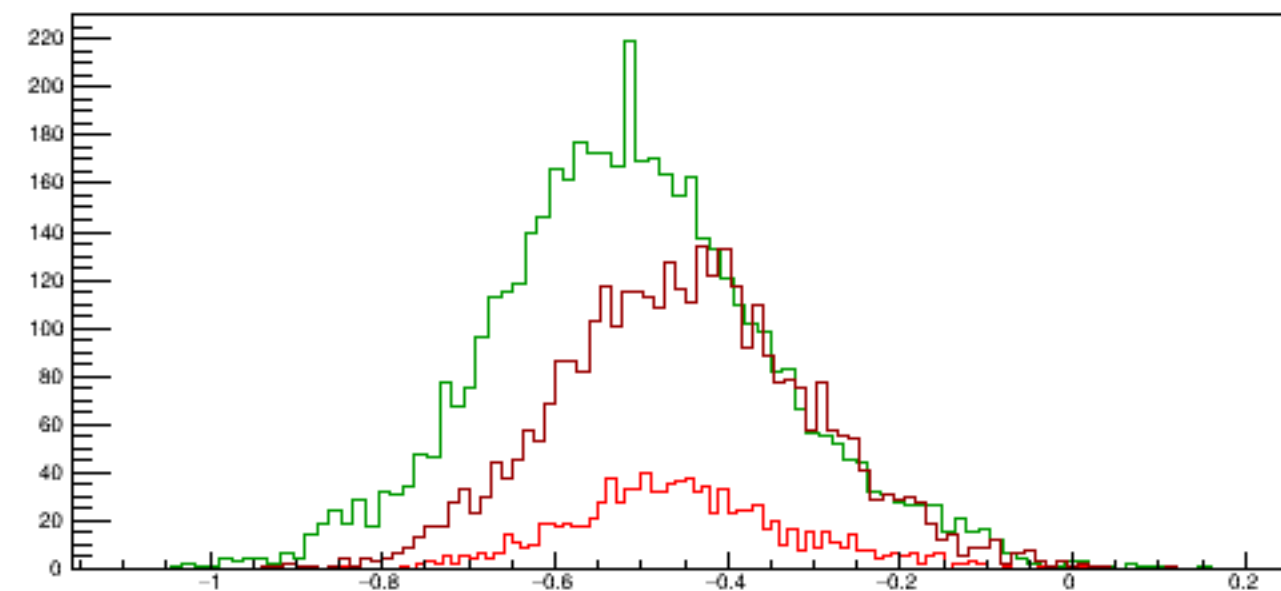
Std Dev: 0.1628 +/- 0.0017

Entries: 3507

Mean: -0.4478 +/- 0.0025

Std Dev: 0.1458 +/- 0.0017

Run 4495 quartetwise, Sums



Cycle 9, Asyms

Entries: 1020

Mean: 0.0471 +/- 0.0231

Std Dev: 0.7387 +/- 0.0164

Entries: 4809

Mean: 0.0436 +/- 0.3648

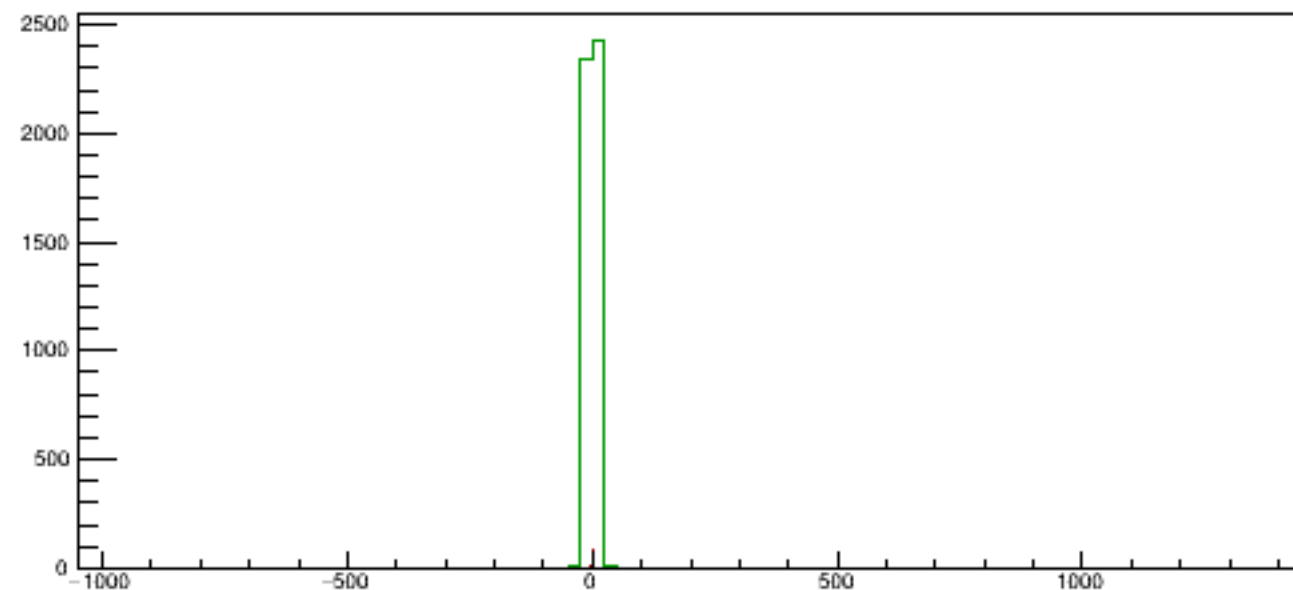
Std Dev: 25.2980 +/- 0.2580

Entries: 3507

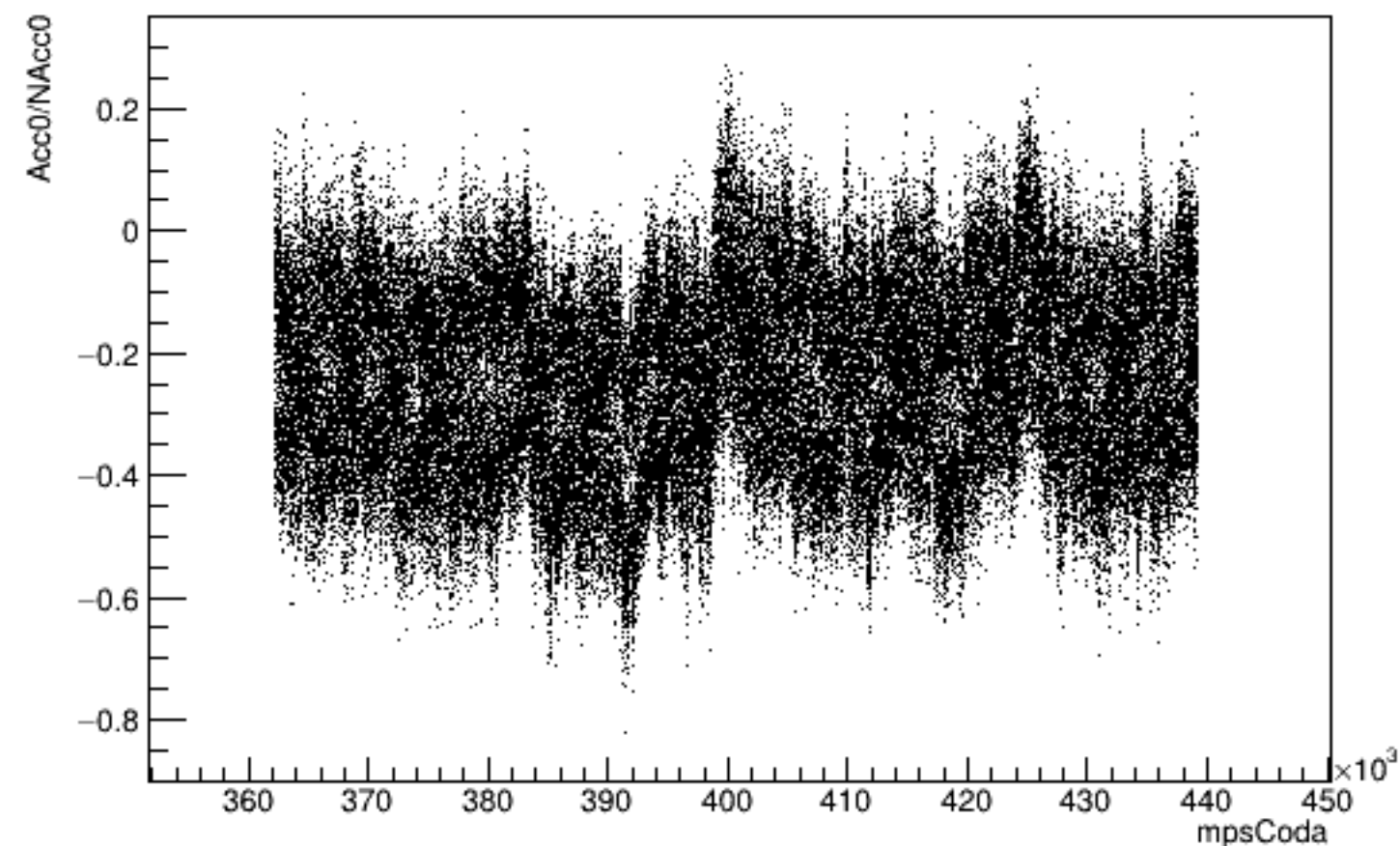
Mean: 0.0028 +/- 0.0127

Std Dev: 0.7503 +/- 0.0090

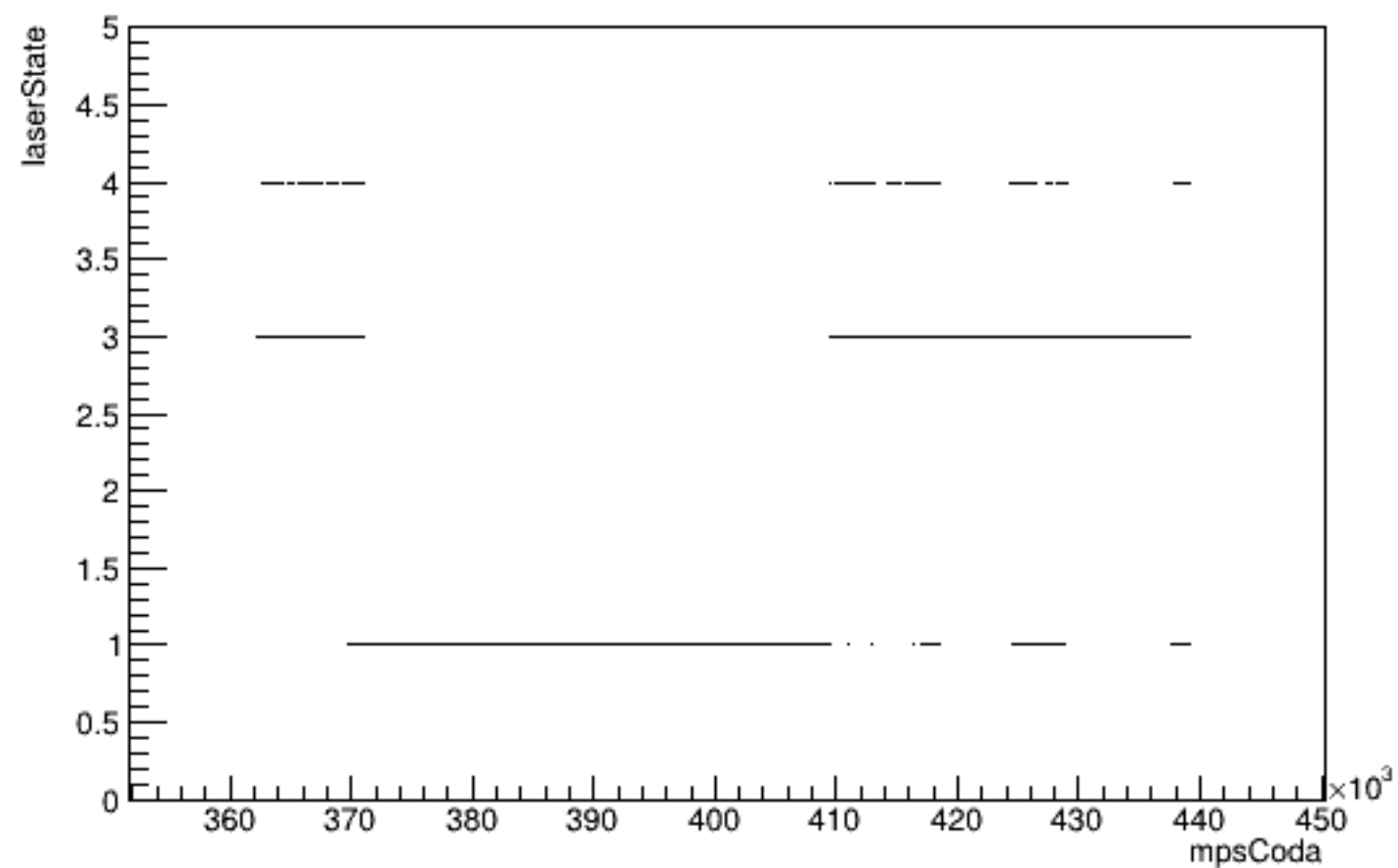
Run 4495 quartetwise, Asyms



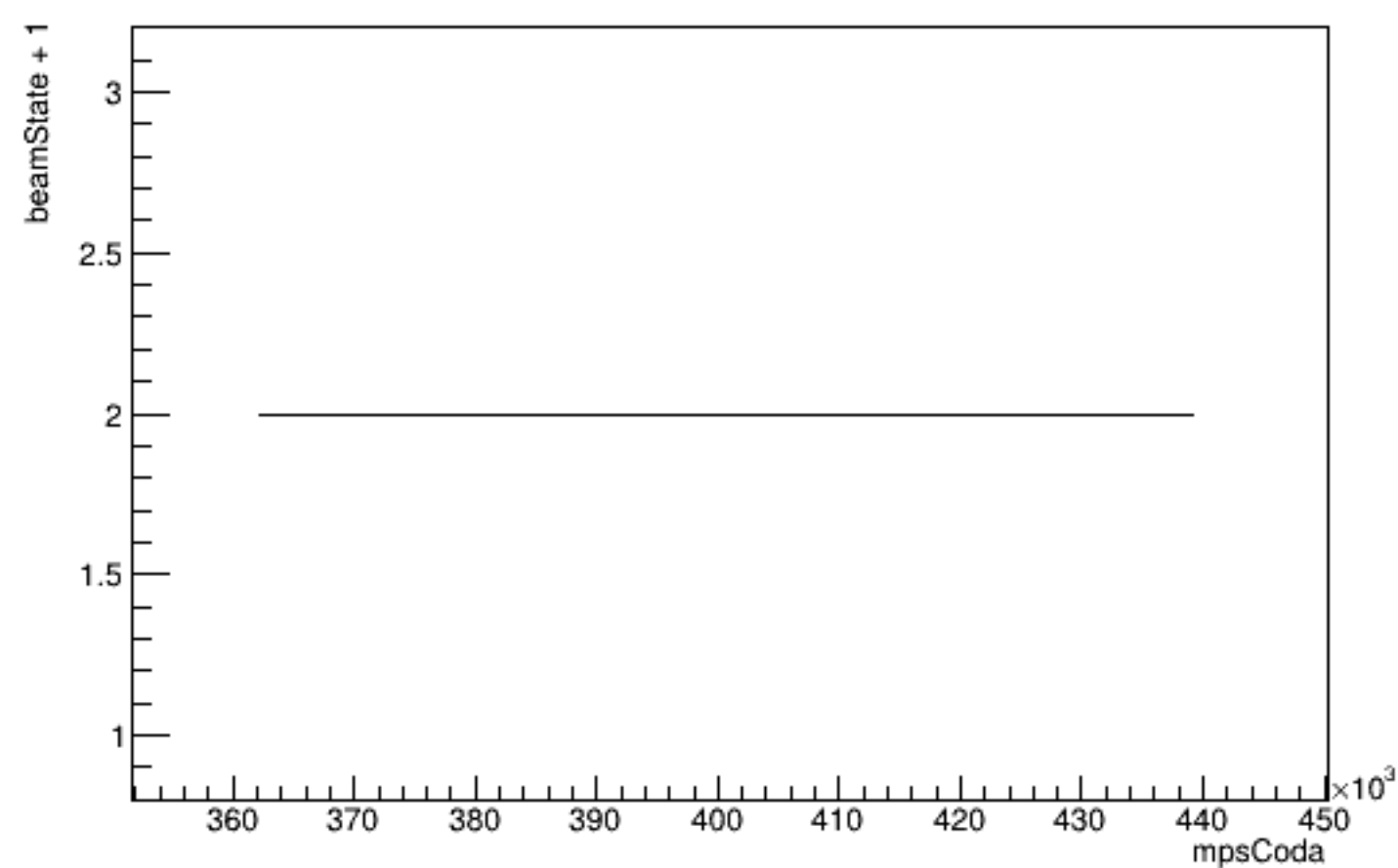
Acc0/NAcc0:mpsCoda (mpsCoda>=362191 && mpsCoda<=439198 && beamState==1)



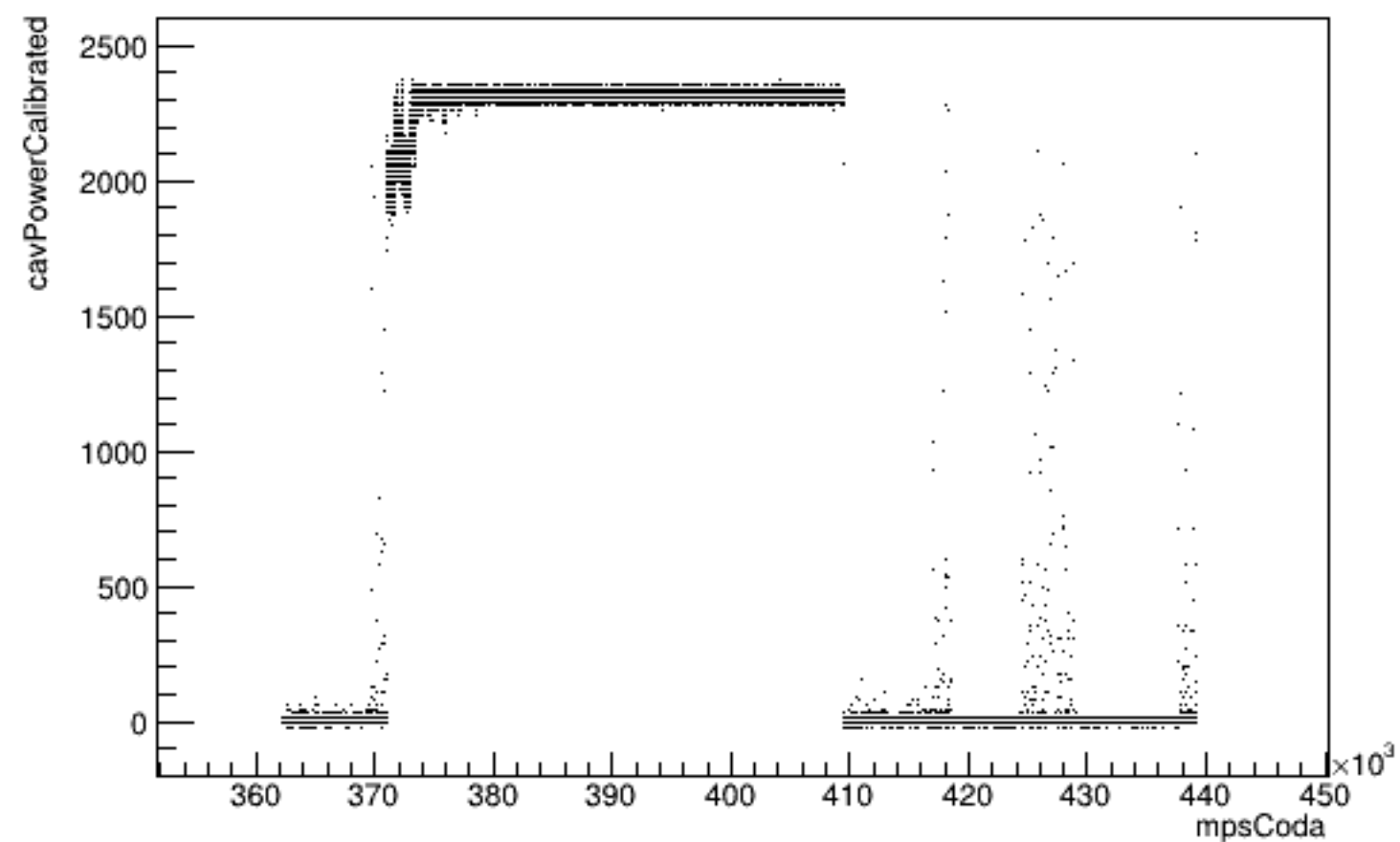
laserState:mpsCoda {mpsCoda>=362191 && mpsCoda<=439198}



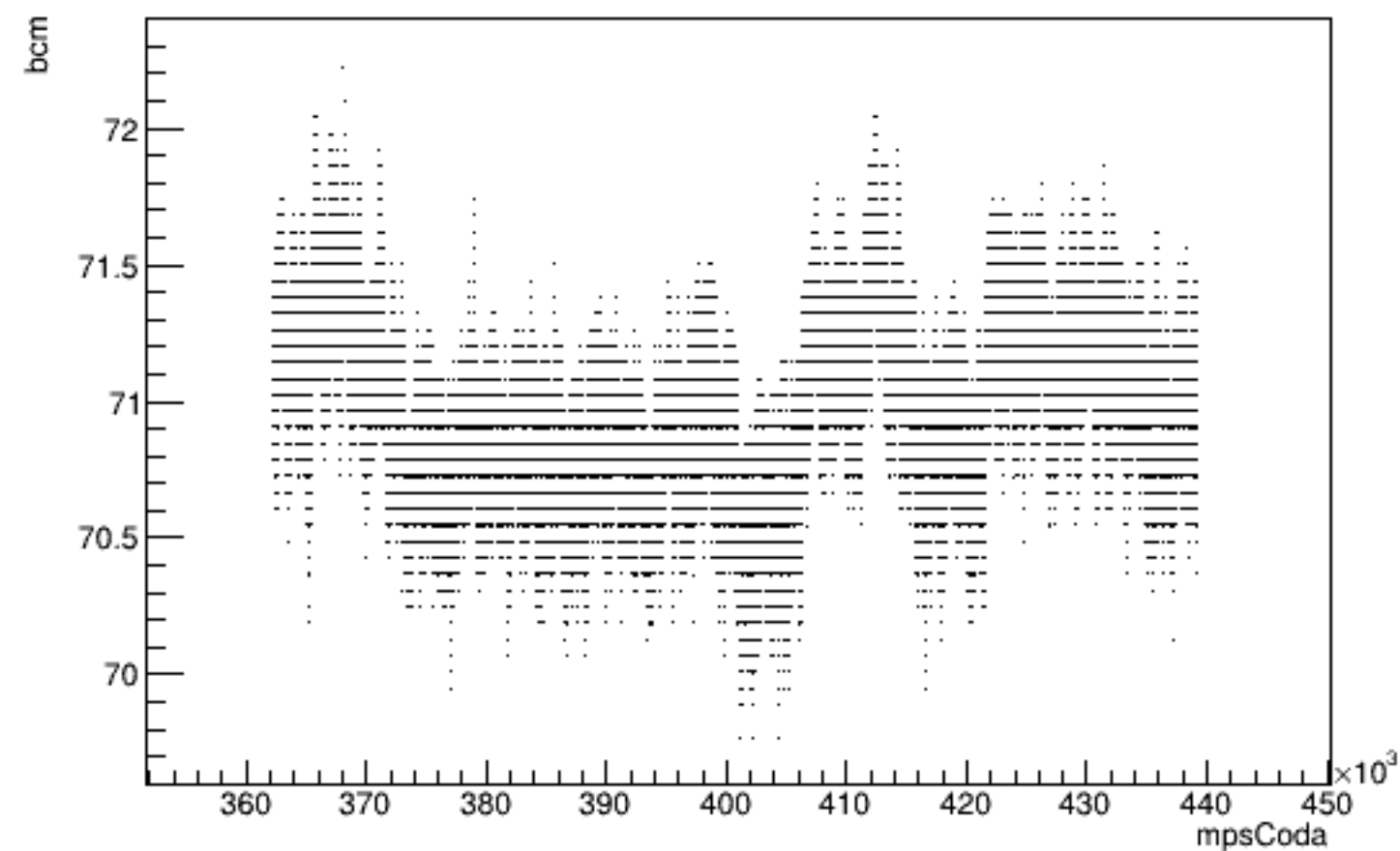
beamState + 1:mpsCoda {mpsCoda>=362191 && mpsCoda<=439198}



cavPowerCalibrated:mpsCoda {mpsCoda>=362191 && mpsCoda<=439198}



bcm:mpsCoda {mpsCoda>=362191 && mpsCoda<=439198}



Cycle 10, Diffs

Entries: 3507

Mean: -0.0002 +/- 0.0007

Std Dev: 0.0434 +/- 0.0005

Entries: 4824

Mean: -0.0009 +/- 0.0006

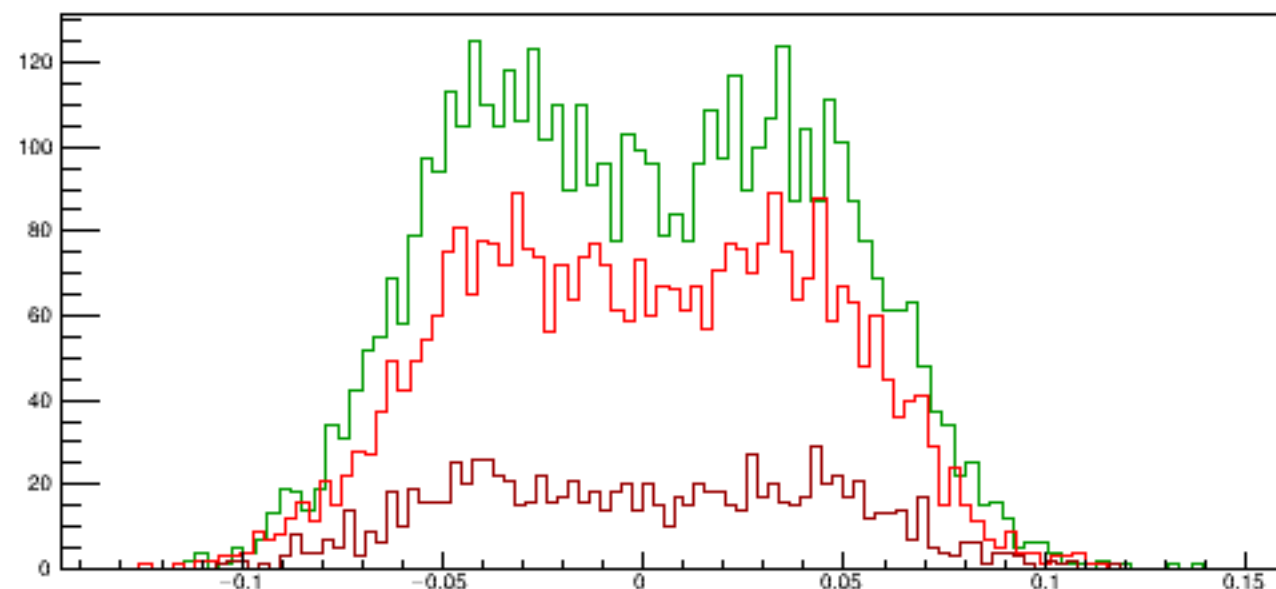
Std Dev: 0.0438 +/- 0.0004

Entries: 1013

Mean: -0.0002 +/- 0.0014

Std Dev: 0.0453 +/- 0.0010

Run 4495 quartetwise, Diffs



Cycle 10, Sums

Entries: 3507

Mean: -0.4478 +/- 0.0025

Std Dev: 0.1458 +/- 0.0017

Entries: 4824

Mean: -0.5461 +/- 0.0022

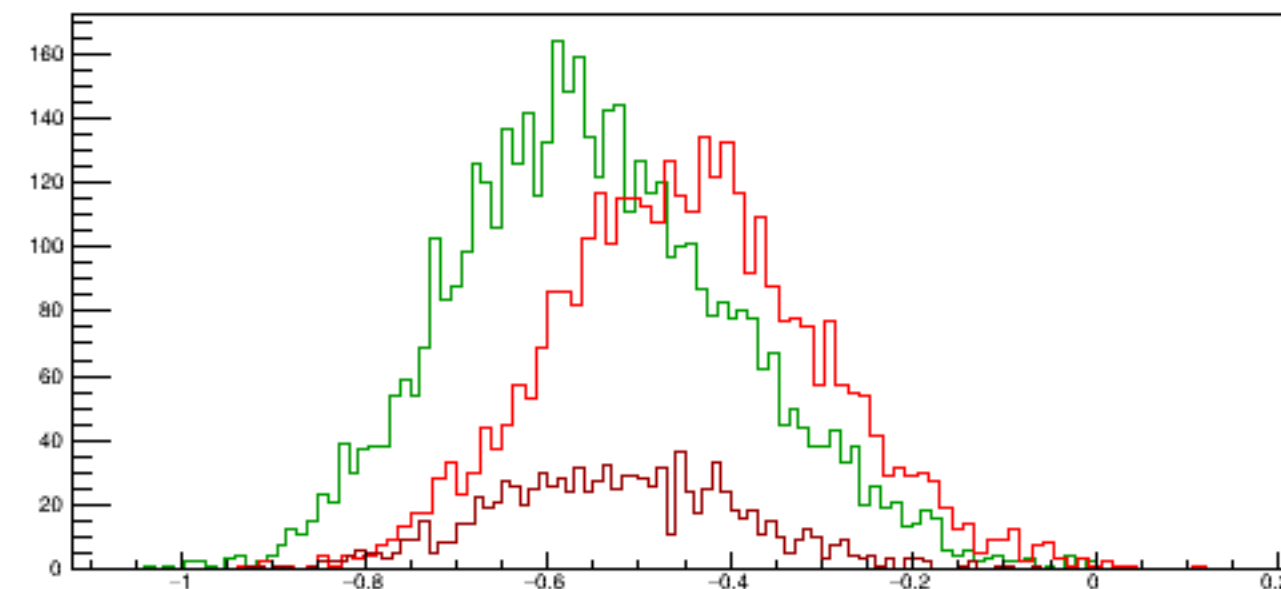
Std Dev: 0.1540 +/- 0.0016

Entries: 1013

Mean: -0.5262 +/- 0.0043

Std Dev: 0.1357 +/- 0.0030

Run 4495 quartetwise, Sums



Cycle 10, Asyms

Entries: 3507

Mean: 0.0027 +/- 0.0124

Std Dev: 0.7350 +/- 0.0088

Entries: 4824

Mean: -0.2300 +/- 0.2964

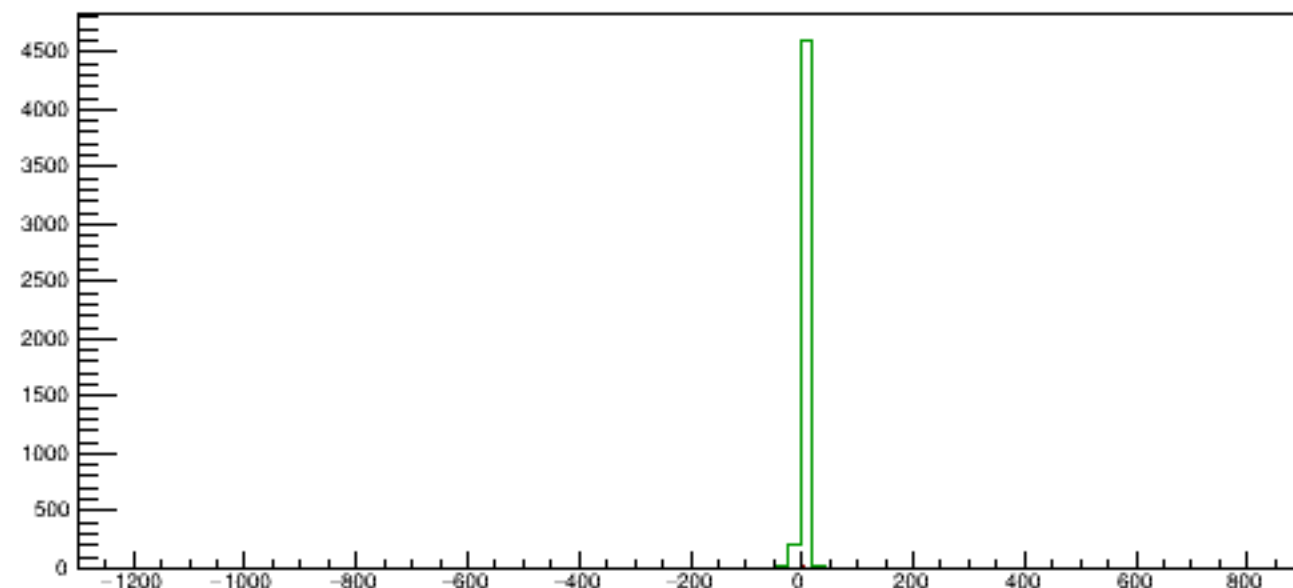
Std Dev: 20.5841 +/- 0.2096

Entries: 1013

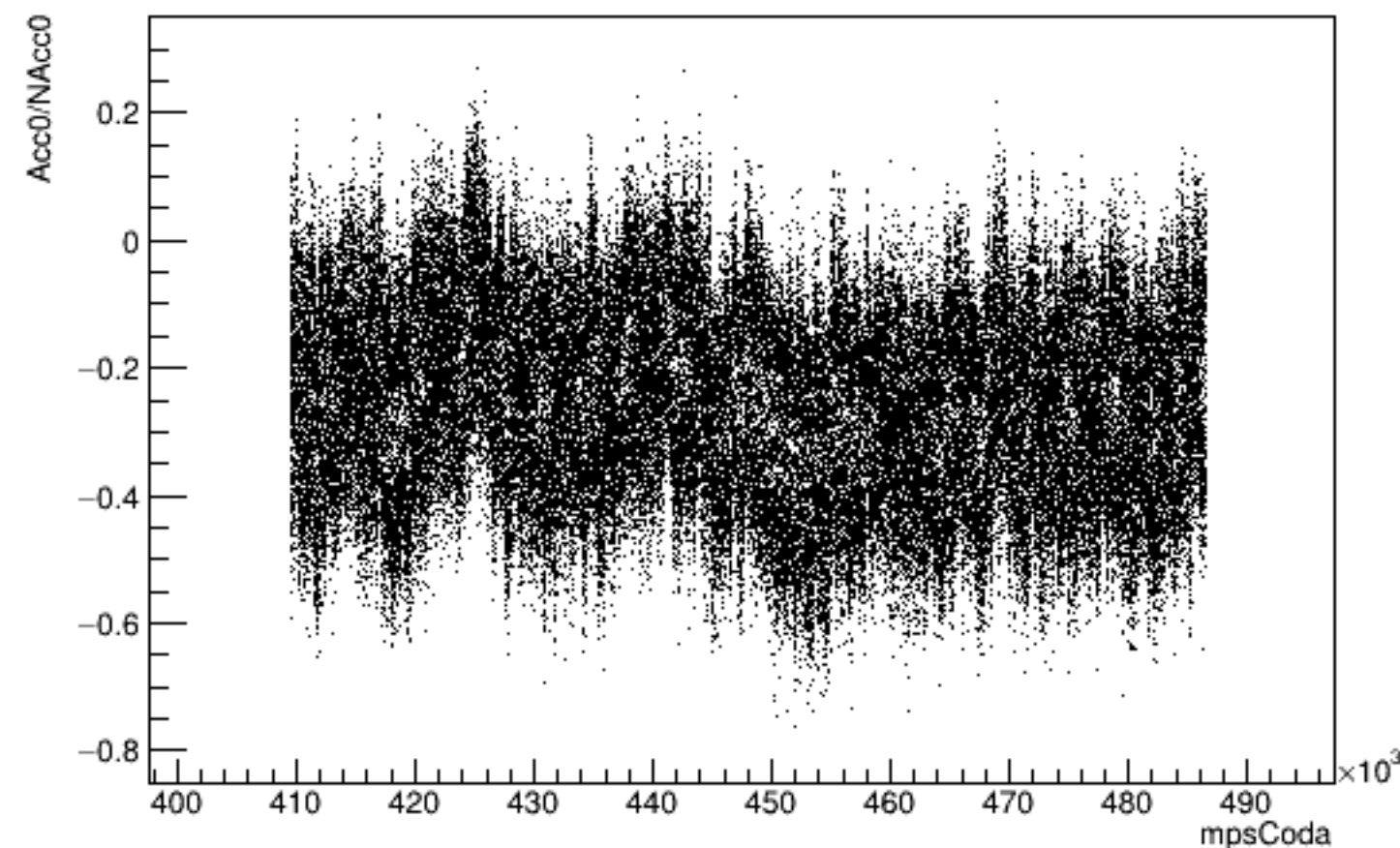
Mean: 0.0039 +/- 0.0241

Std Dev: 0.7658 +/- 0.0170

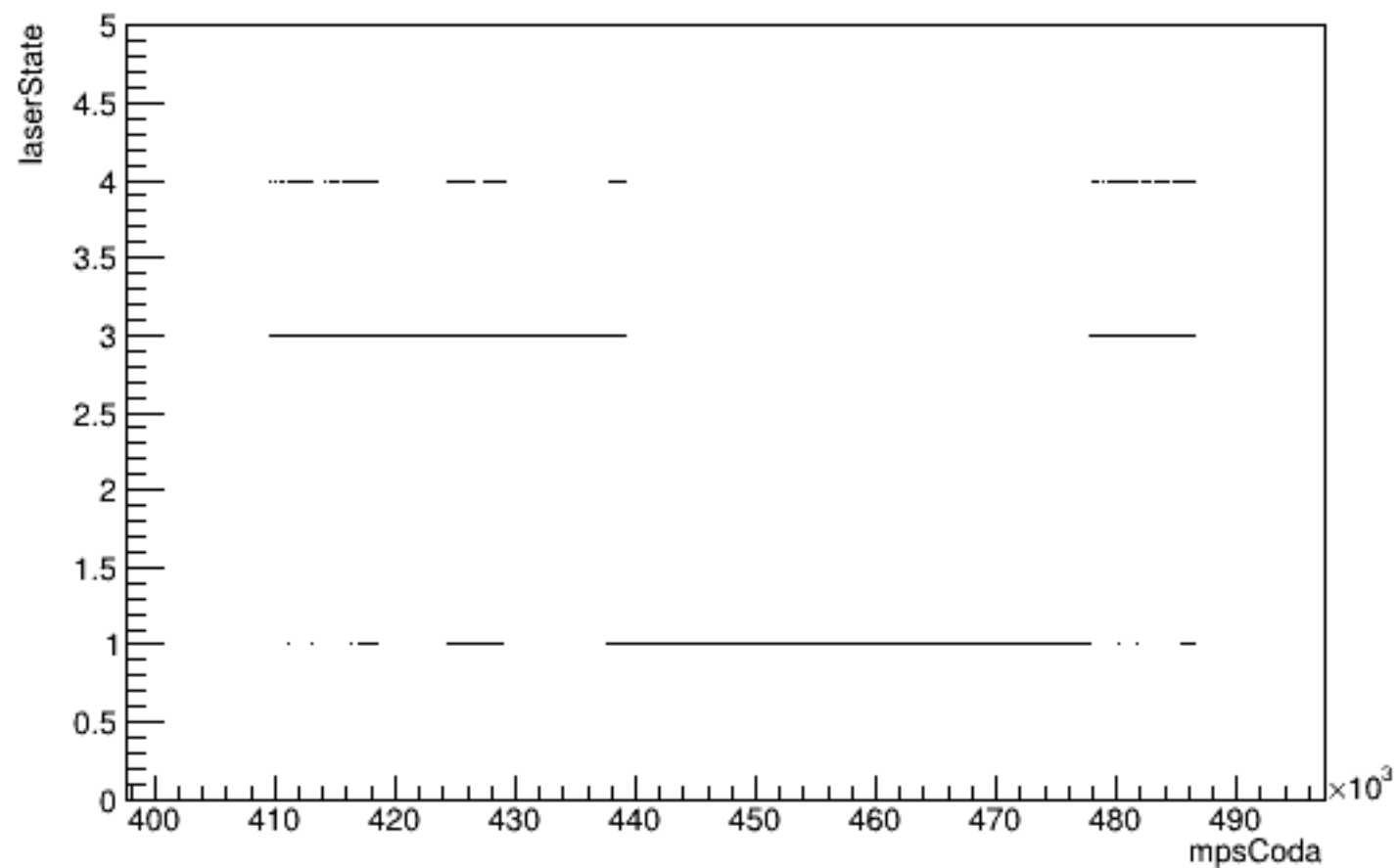
Run 4495 quartetwise, Asyms



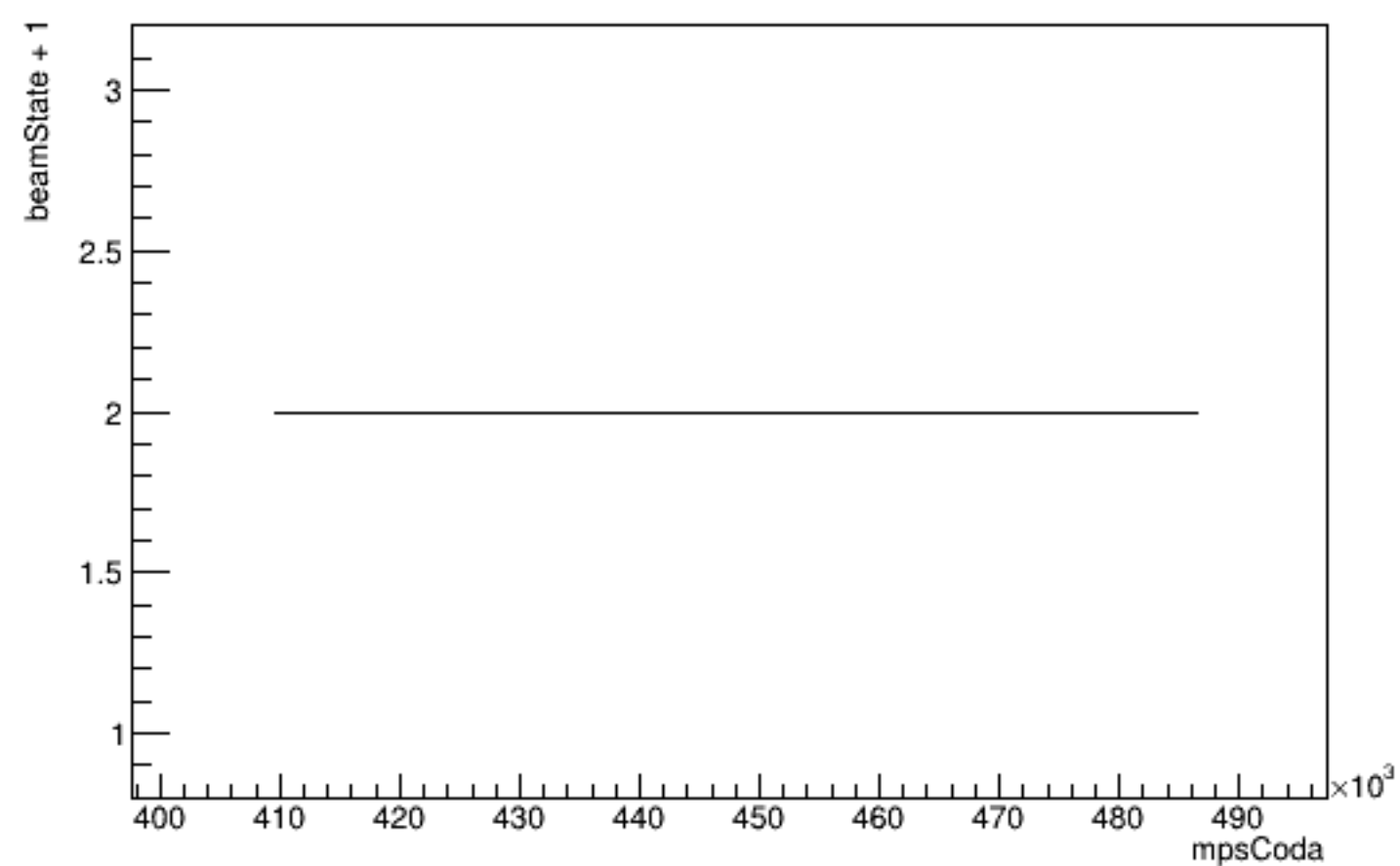
Acc0/NAcc0:mpsCoda (mpsCoda>=409511 && mpsCoda<=486510 && beamState==1)



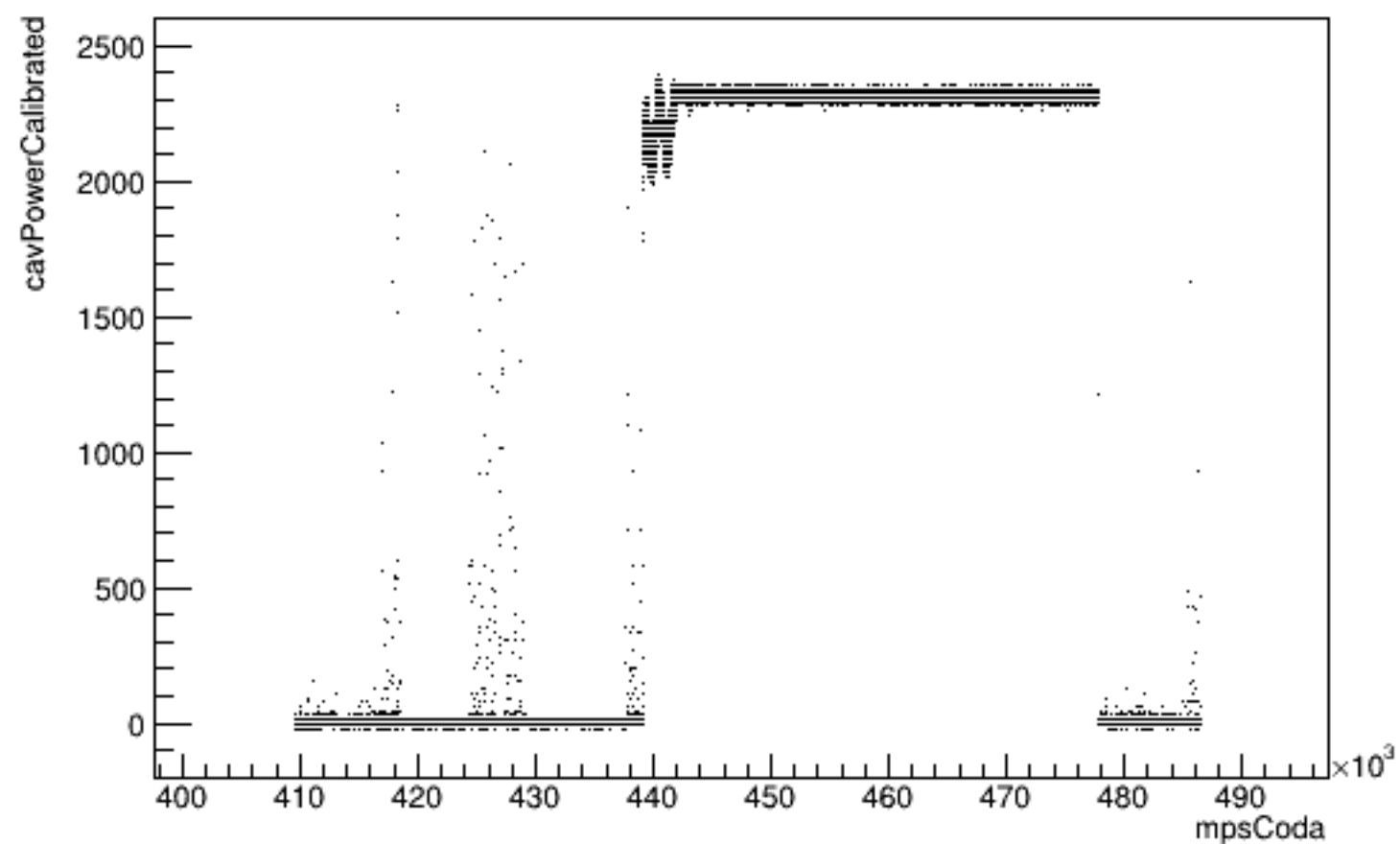
laserState:mpsCoda {mpsCoda>=409511 && mpsCoda<=486510}



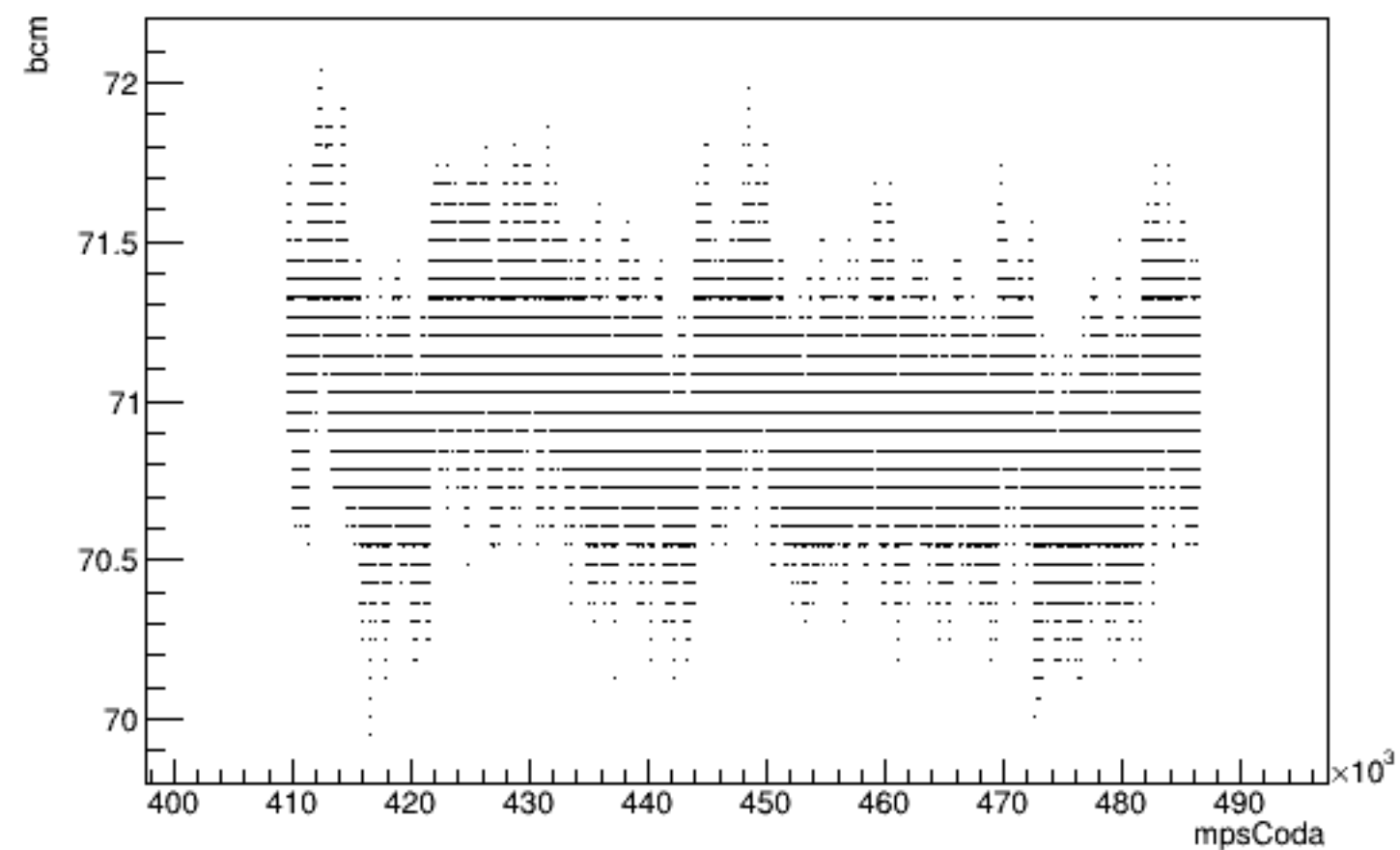
beamState + 1:mpsCoda {mpsCoda>=409511 && mpsCoda<=486510}



cavPowerCalibrated:mpsCoda {mpsCoda>=409511 && mpsCoda<=486510}



bcm:mpsCoda {mpsCoda>=409511 && mpsCoda<=486510}



Cycle 11, Diffs

Entries: 1013

Mean: -0.0002 +/- 0.0014

Std Dev: 0.0453 +/- 0.0010

Entries: 4766

Mean: 0.0001 +/- 0.0006

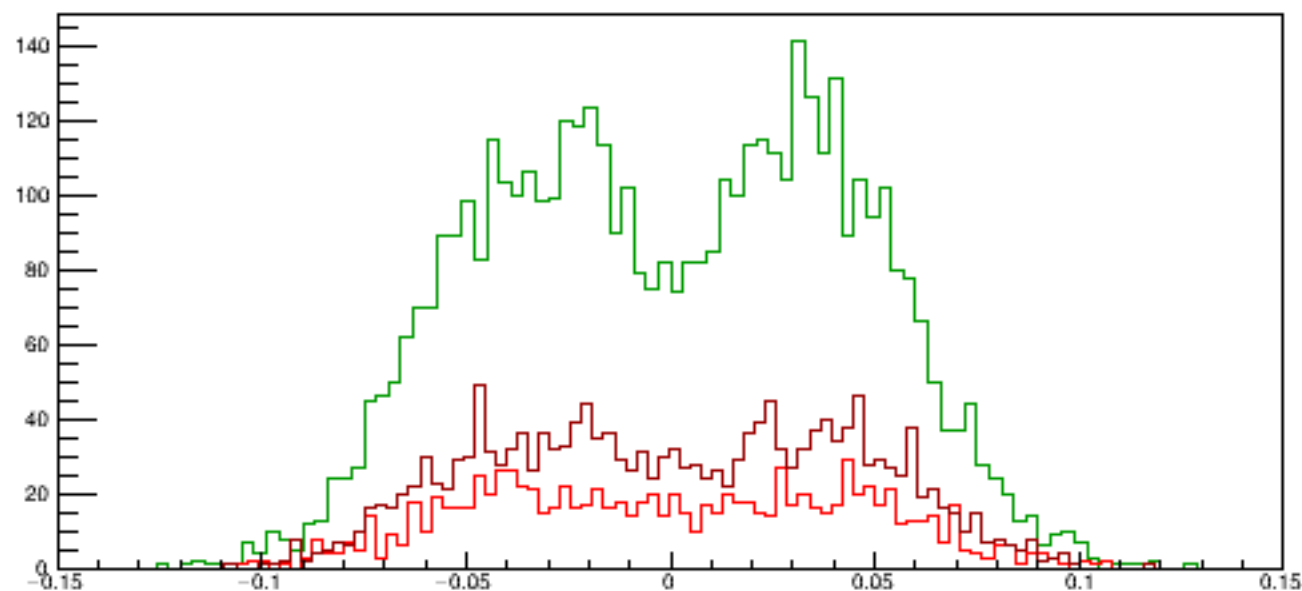
Std Dev: 0.0436 +/- 0.0004

Entries: 1750

Mean: 0.0005 +/- 0.0010

Std Dev: 0.0437 +/- 0.0007

Run 4495 quartetwise, Diffs



Cycle 11, Sums

Entries: 1013

Mean: -0.5262 +/- 0.0043

Std Dev: 0.1357 +/- 0.0030

Entries: 4766

Mean: -0.5285 +/- 0.0026

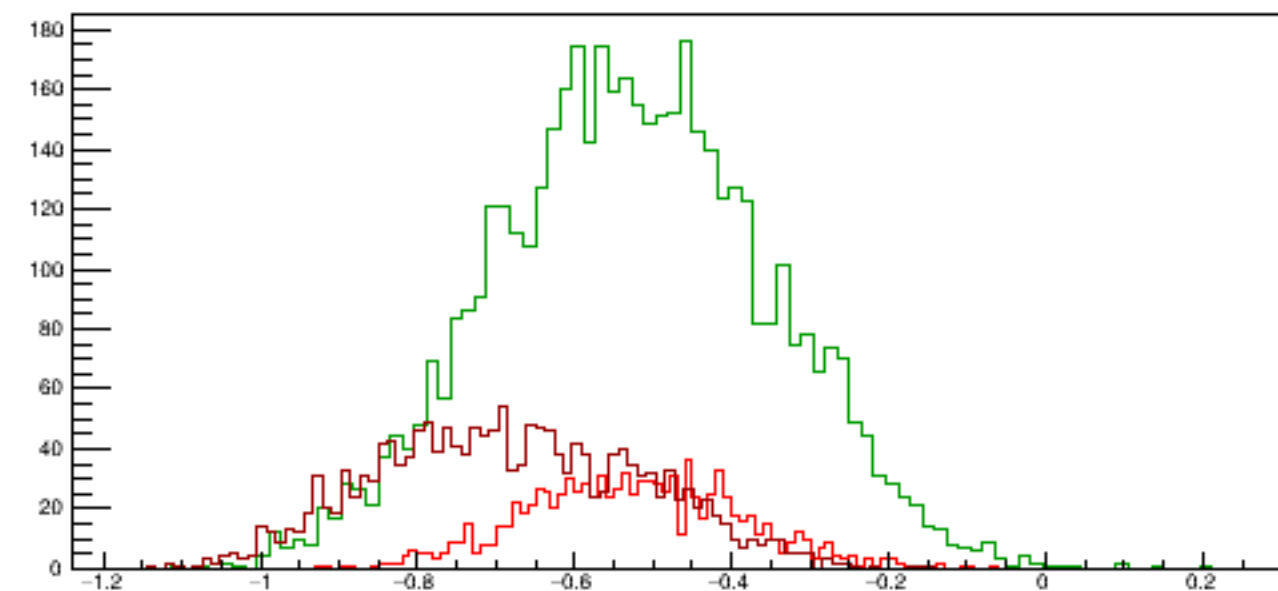
Std Dev: 0.1765 +/- 0.0018

Entries: 1750

Mean: -0.6825 +/- 0.0040

Std Dev: 0.1684 +/- 0.0028

Run 4495 quartetwise, Sums



Cycle 11, Asyms

Entries: 1013

Mean: -0.0030 +/- 0.0187

Std Dev: 0.5966 +/- 0.0133

Entries: 4766

Mean: 1.5077 +/- 1.4312

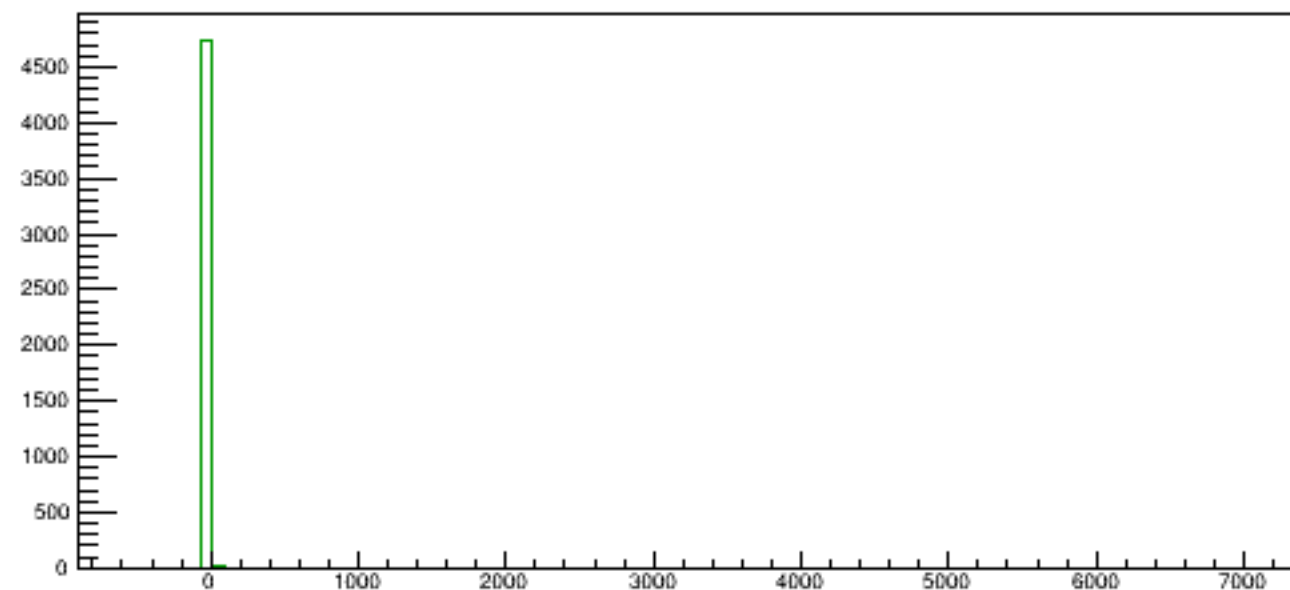
Std Dev: 98.8058 +/- 1.0120

Entries: 1750

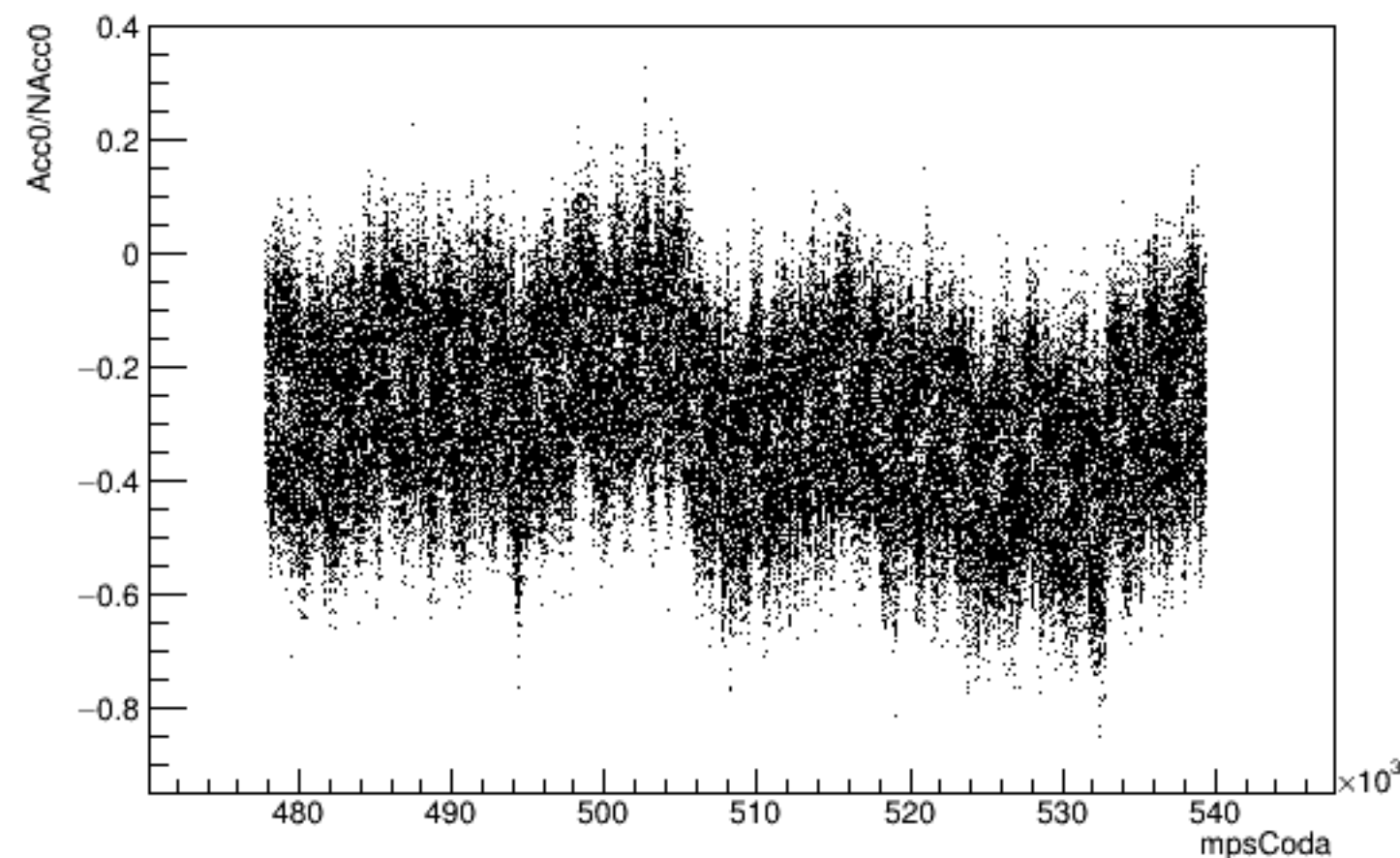
Mean: 0.0066 +/- 0.0138

Std Dev: 0.5763 +/- 0.0097

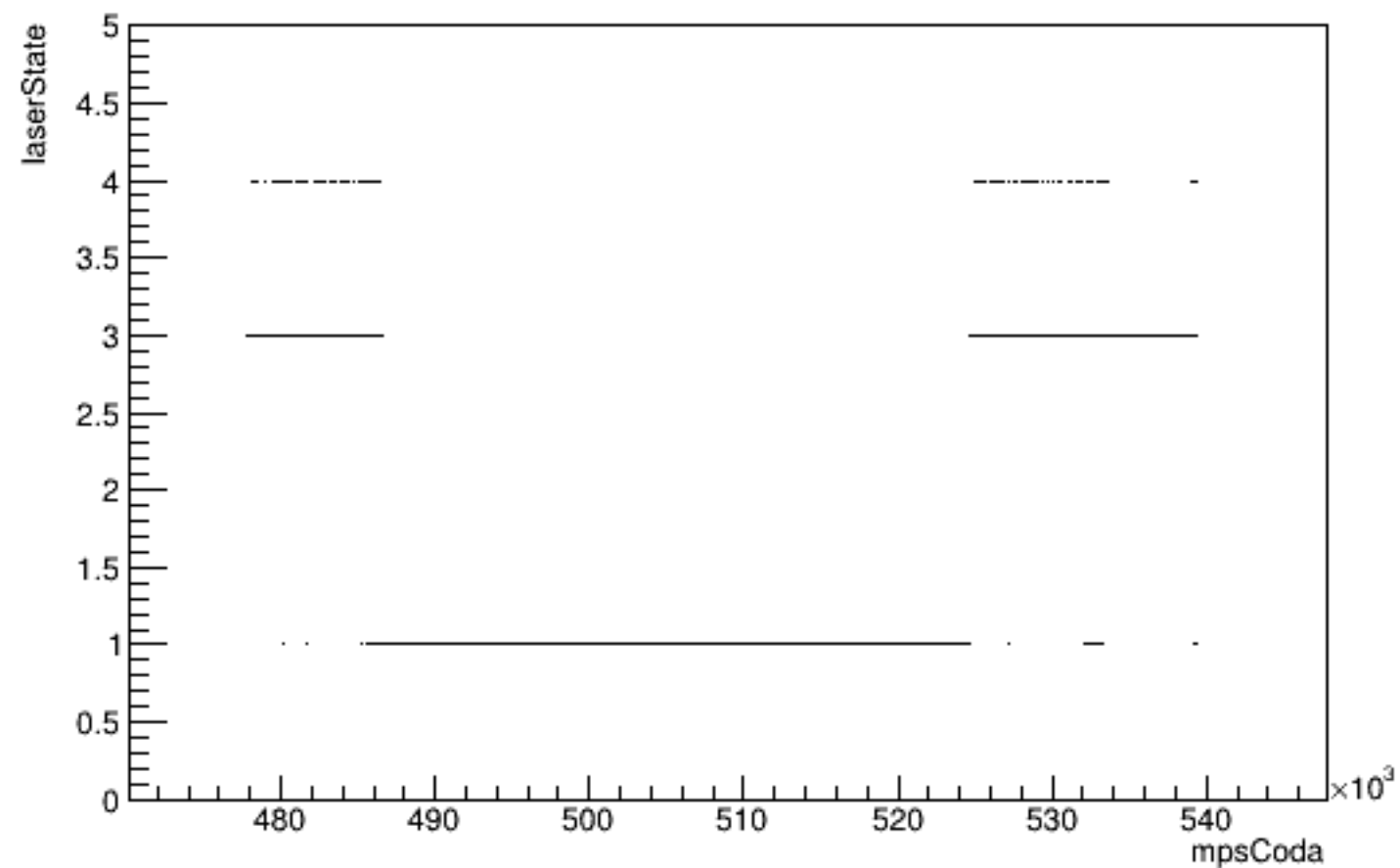
Run 4495 quartetwise, Asyms



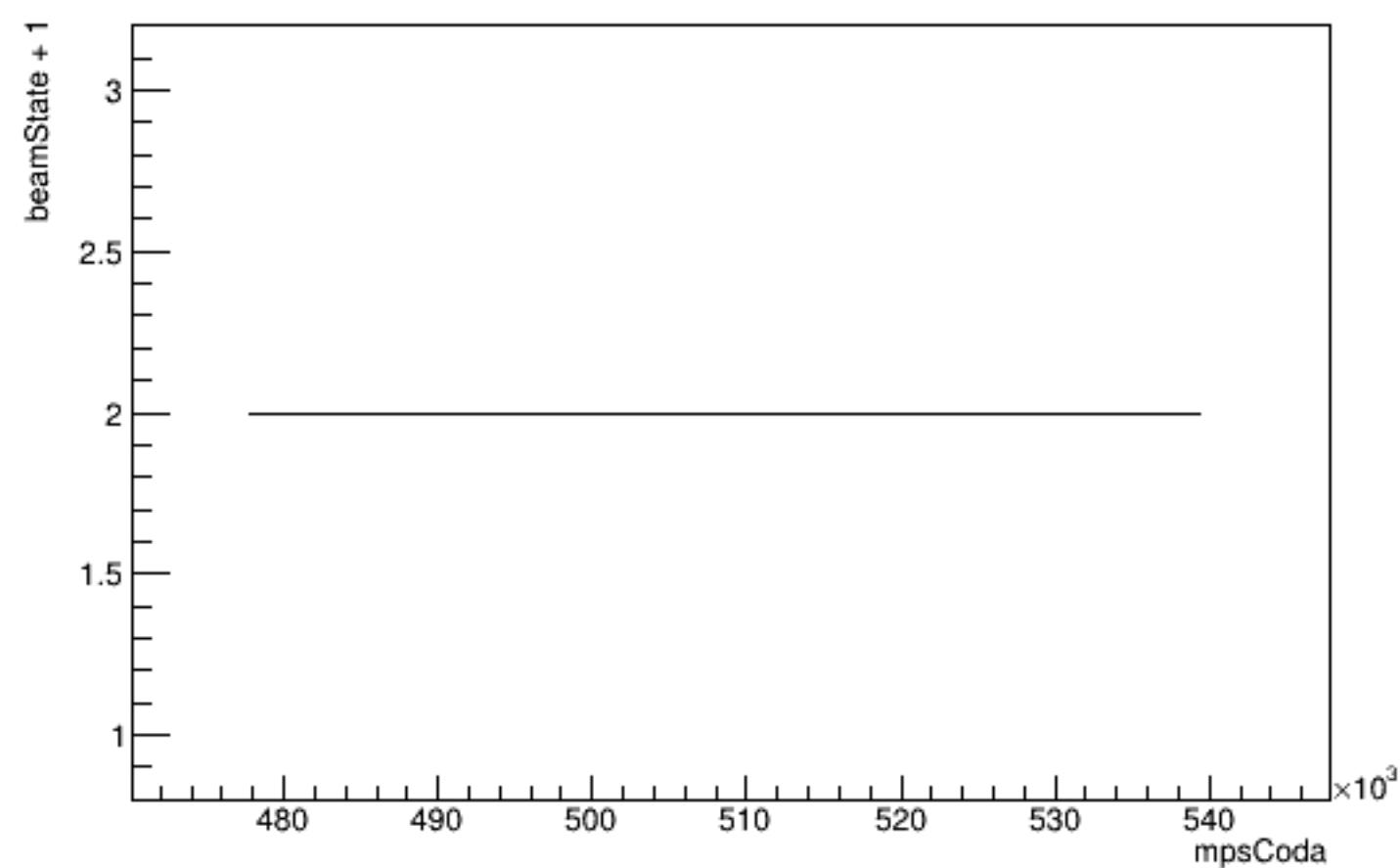
Acc0/NAcc0:mpsCoda (mpsCoda>=477799 && mpsCoda<=539358 && beamState==1)



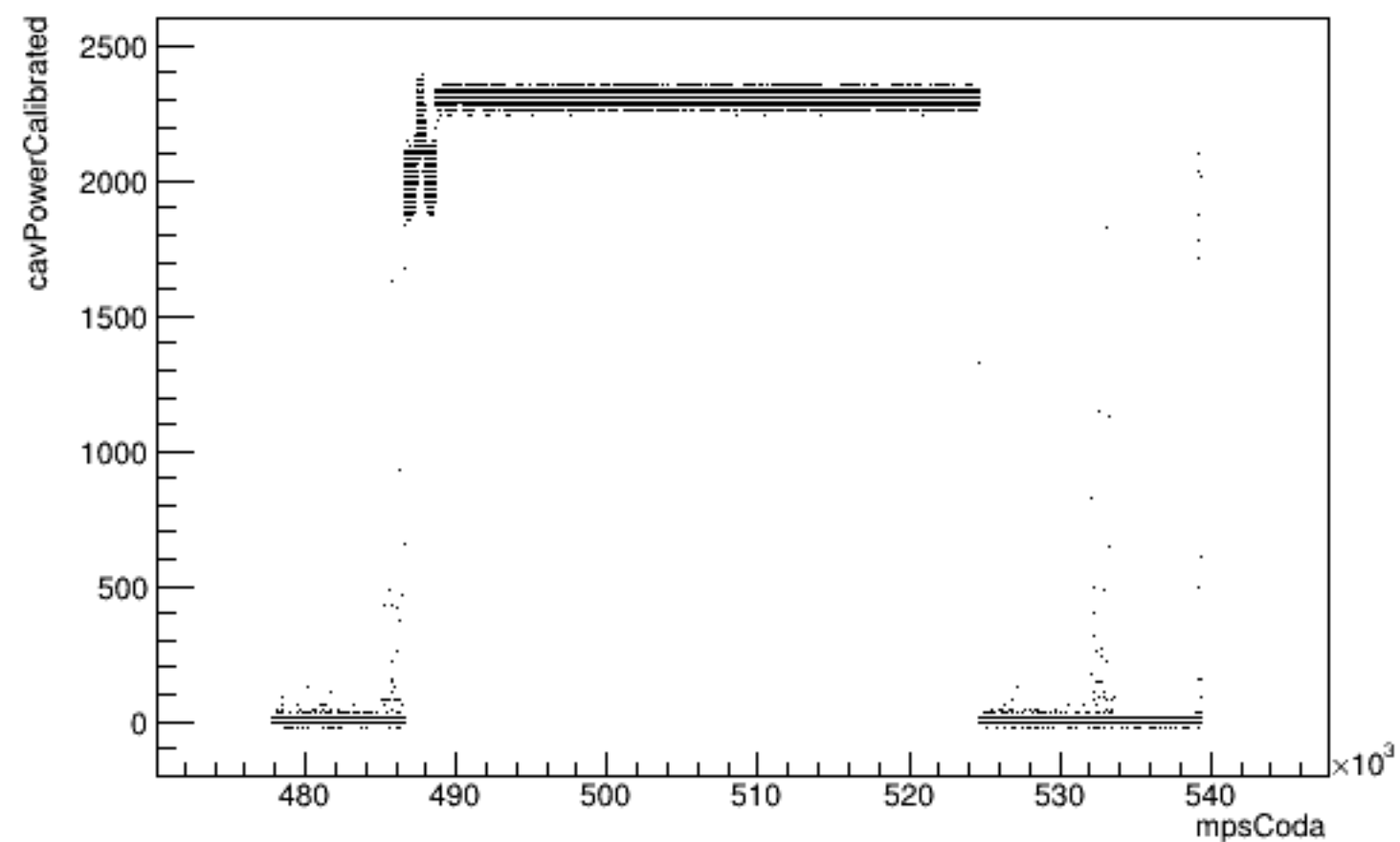
laserState:mpsCoda {mpsCoda>=477799 && mpsCoda<=539358}



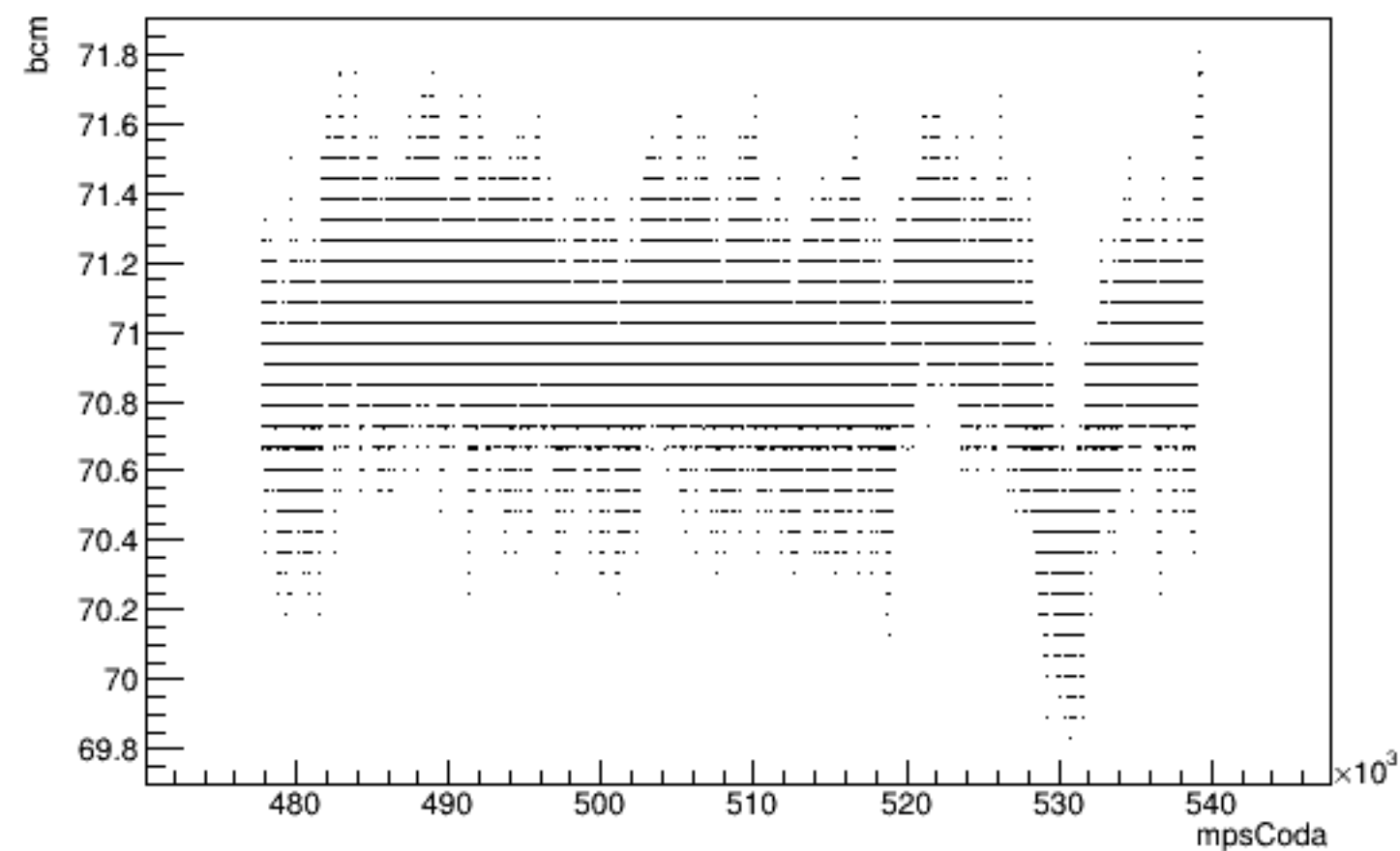
beamState + 1:mpsCoda {mpsCoda>=477799 && mpsCoda<=539358}



cavPowerCalibrated:mpsCoda {mpsCoda>=477799 && mpsCoda<=539358}



bcm:mpsCoda {mpsCoda>=477799 && mpsCoda<=539358}



Cycle 12, Diffs

Entries: 1750

Mean: 0.0005 +/- 0.0010

Std Dev: 0.0437 +/- 0.0007

Entries: 4233

Mean: 0.0009 +/- 0.0007

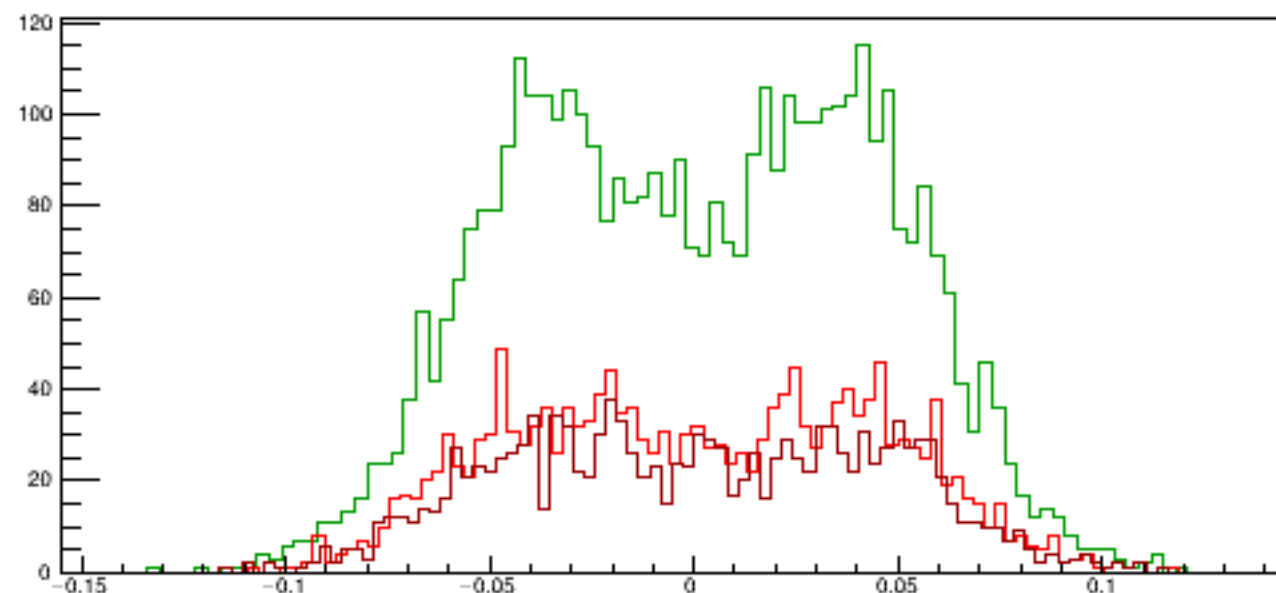
Std Dev: 0.0435 +/- 0.0005

Entries: 1382

Mean: 0.0009 +/- 0.0012

Std Dev: 0.0445 +/- 0.0008

Run 4495 quartetwise, Diffs



Cycle 12, Sums

Entries: 1750

Mean: -0.6825 +/- 0.0040

Std Dev: 0.1684 +/- 0.0028

Entries: 4233

Mean: -0.5585 +/- 0.0024

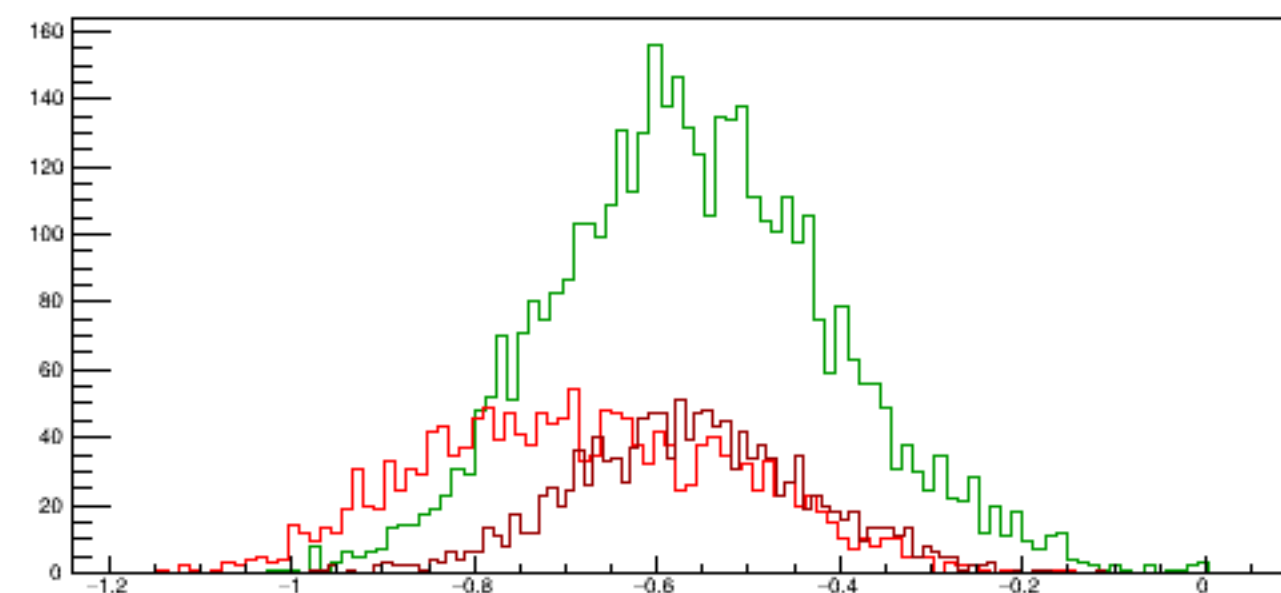
Std Dev: 0.1532 +/- 0.0017

Entries: 1382

Mean: -0.5627 +/- 0.0034

Std Dev: 0.1277 +/- 0.0024

Run 4495 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=524647 && mpsCoda<=585174 && beamState==1)

Cycle 12, Asyms

Entries: 1750

Mean: 0.0078 +/- 0.0163

Std Dev: 0.6823 +/- 0.0115

Entries: 4233

Mean: -0.2082 +/- 0.1633

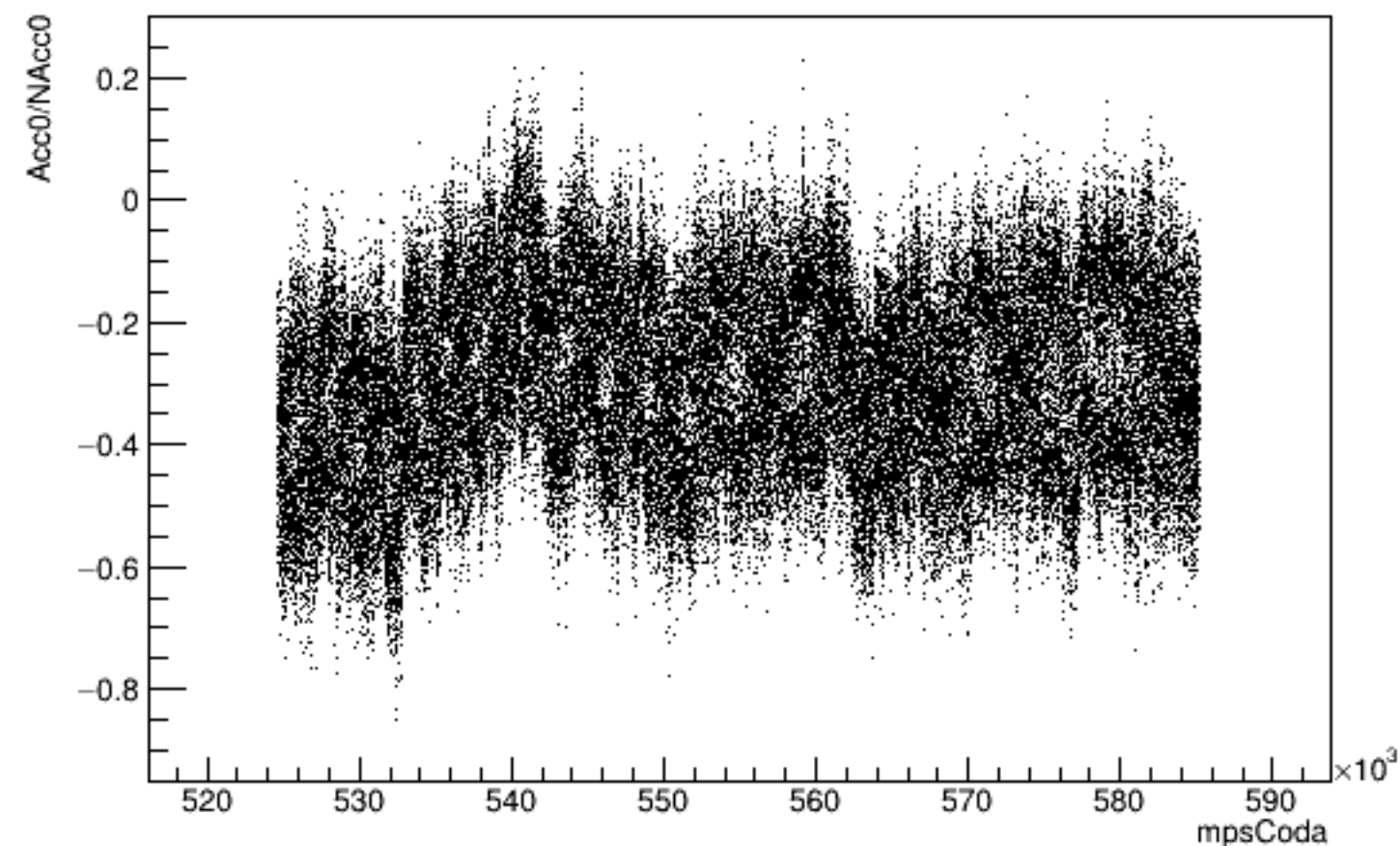
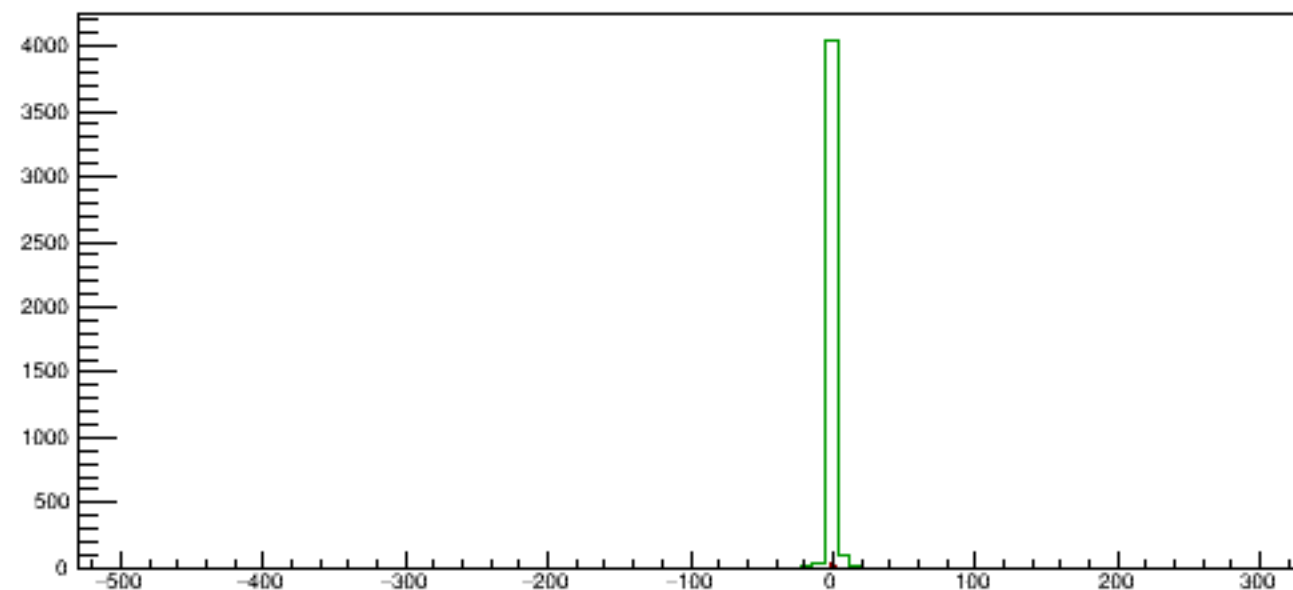
Std Dev: 10.6214 +/- 0.1154

Entries: 1382

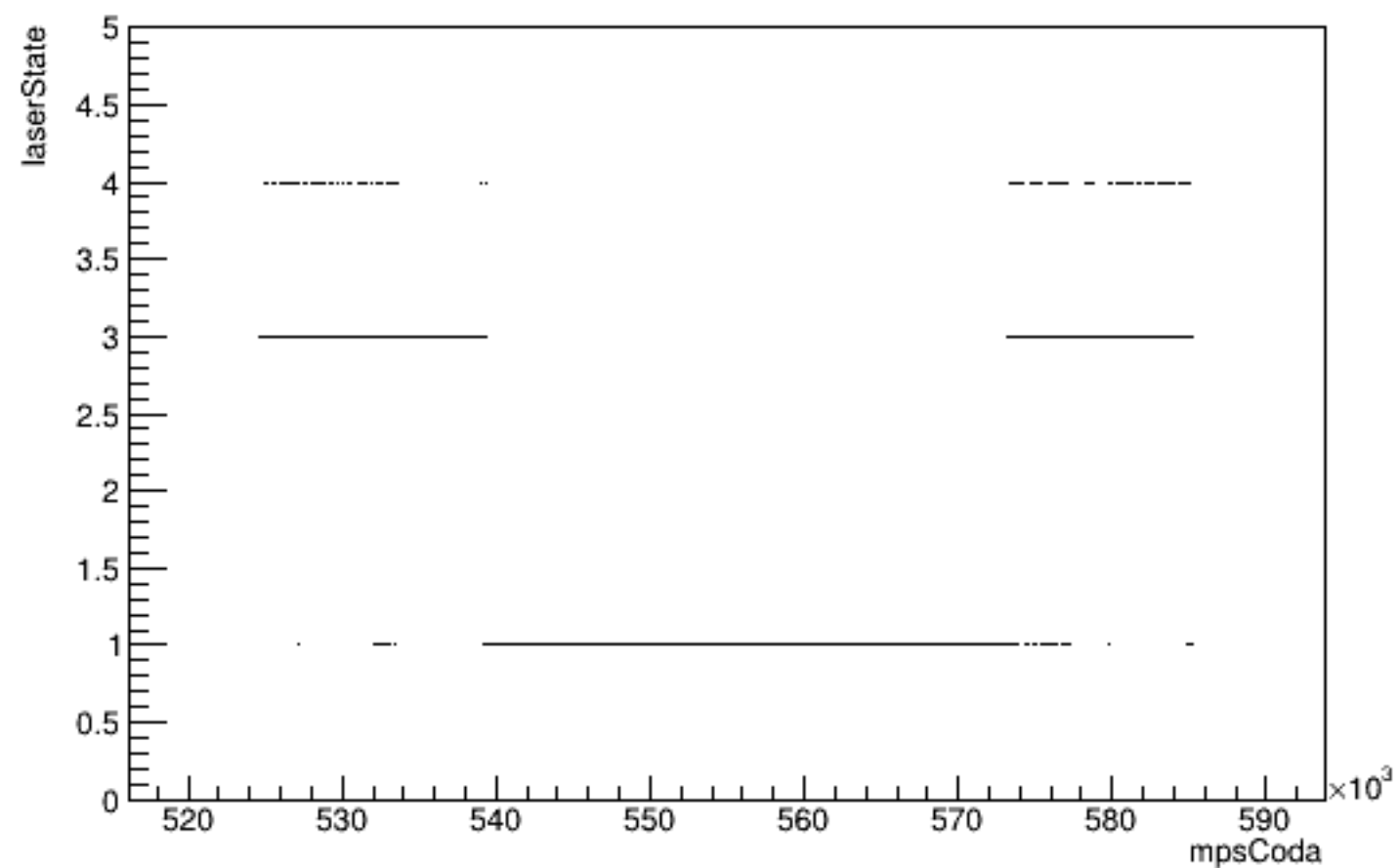
Mean: 0.0142 +/- 0.0187

Std Dev: 0.6945 +/- 0.0132

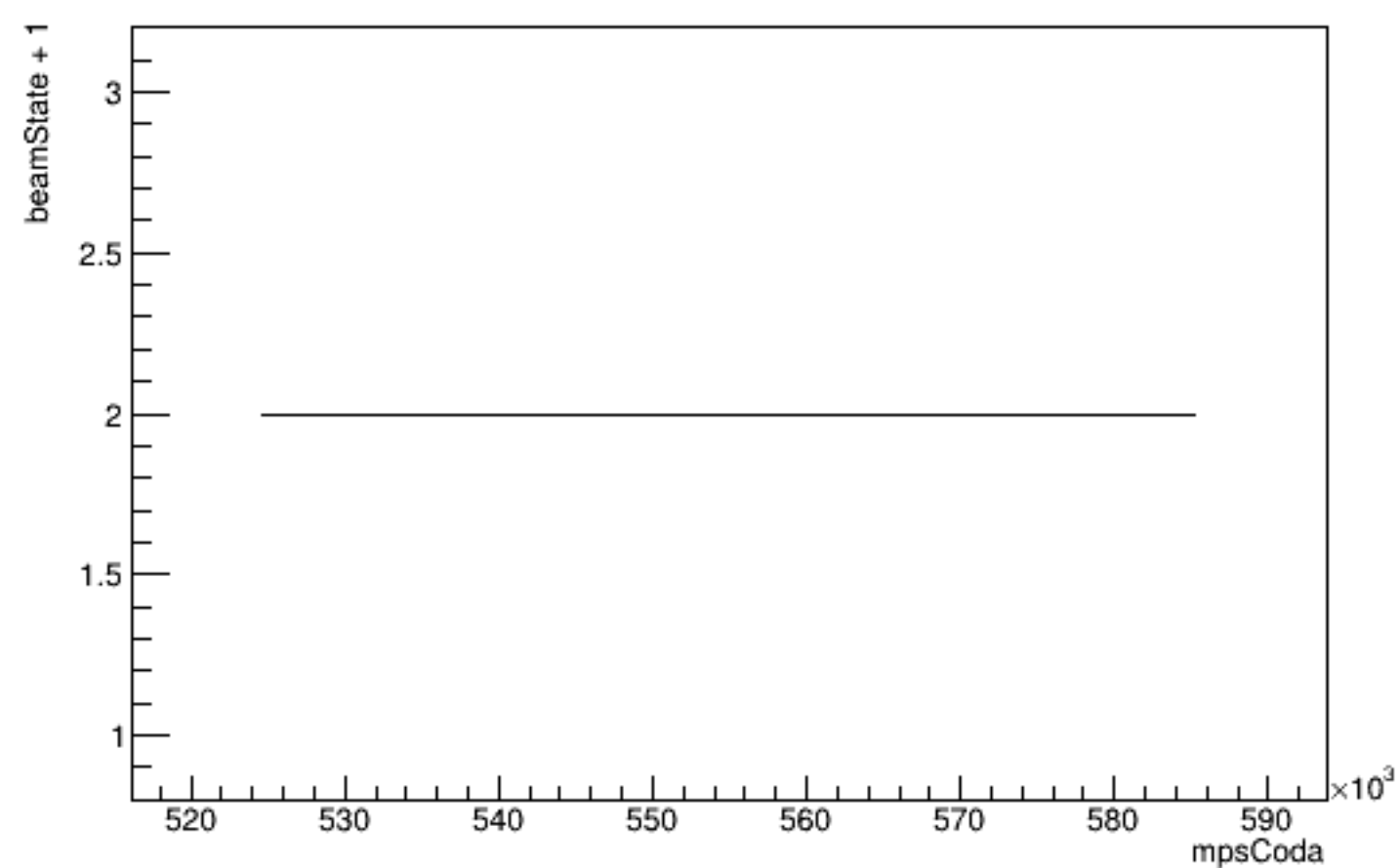
Run 4495 quartetwise, Asyms



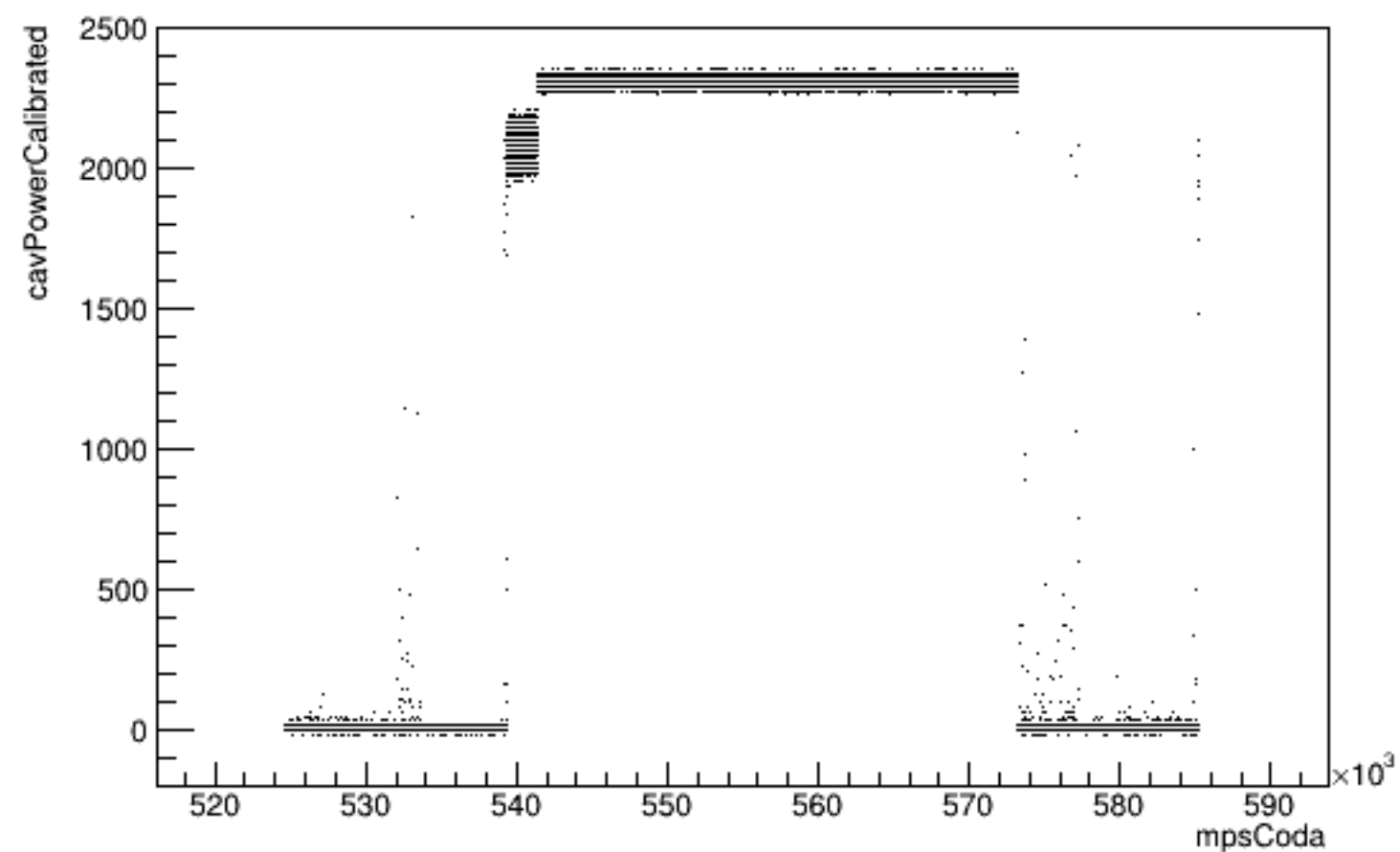
laserState:mpsCoda {mpsCoda>=524647 && mpsCoda<=585174}



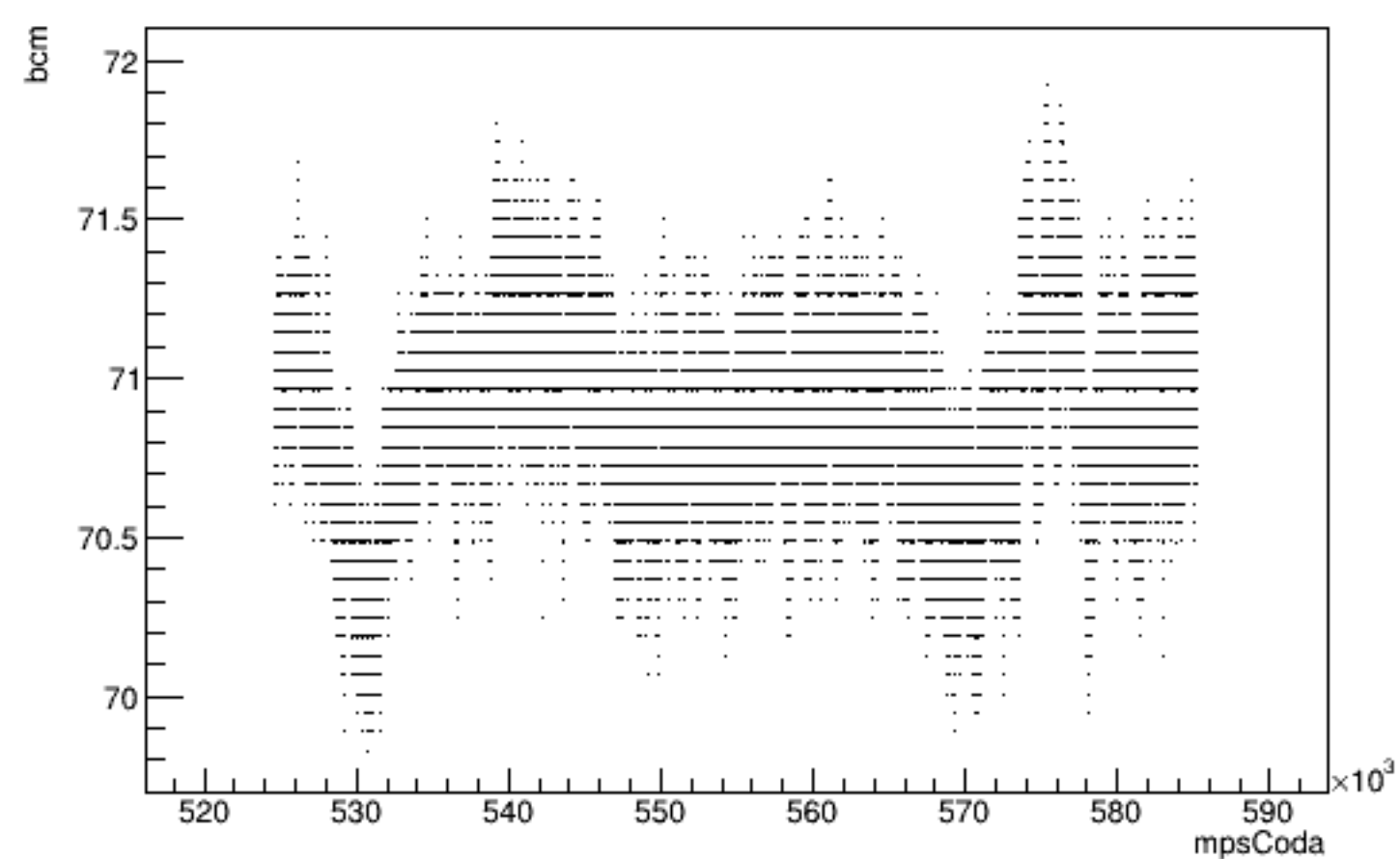
beamState + 1:mpsCoda {mpsCoda>=524647 && mpsCoda<=585174}



cavPowerCalibrated:mpsCoda {mpsCoda>=524647 && mpsCoda<=585174}



bcm:mpsCoda {mpsCoda>=524647 && mpsCoda<=585174}



Cycle 13, Diffs

Entries: 1382

Mean: 0.0009 +/- 0.0012

Std Dev: 0.0445 +/- 0.0008

Entries: 4646

Mean: 0.0001 +/- 0.0006

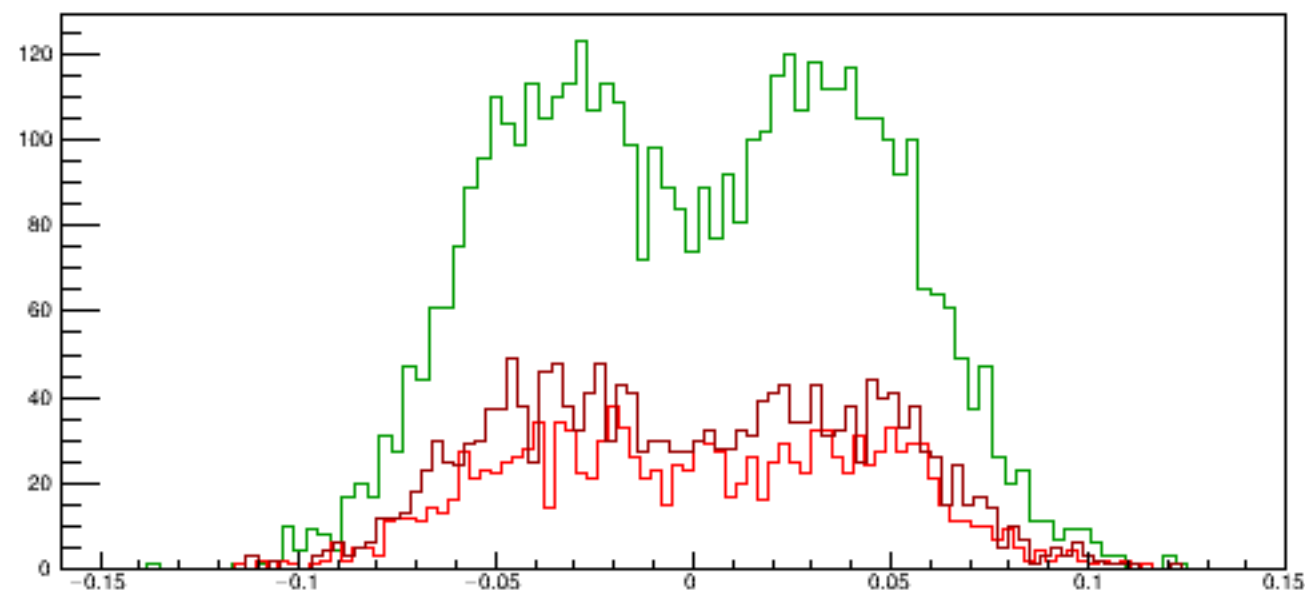
Std Dev: 0.0439 +/- 0.0005

Entries: 1866

Mean: -0.0004 +/- 0.0010

Std Dev: 0.0445 +/- 0.0007

Run 4495 quartetwise, Diffs



Cycle 13, Sums

Entries: 1382

Mean: -0.5627 +/- 0.0034

Std Dev: 0.1277 +/- 0.0024

Entries: 4646

Mean: -0.5959 +/- 0.0025

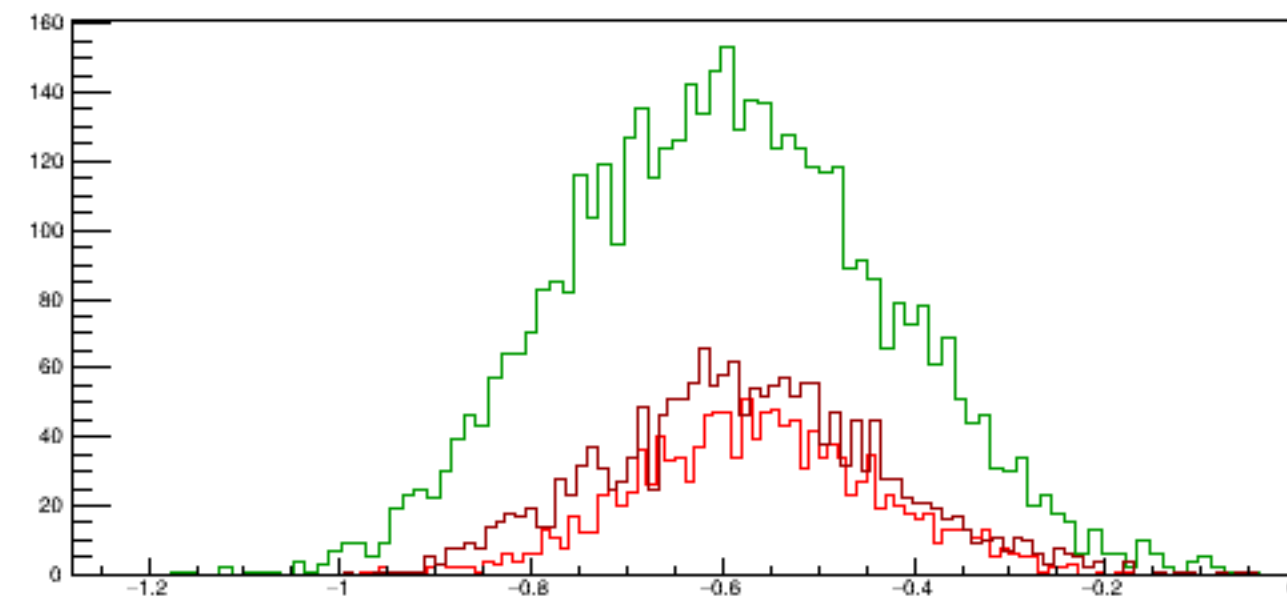
Std Dev: 0.1672 +/- 0.0017

Entries: 1866

Mean: -0.5755 +/- 0.0033

Std Dev: 0.1440 +/- 0.0024

Run 4495 quartetwise, Sums



Cycle 13, Asyms

Entries: 1382

Mean: -0.0339 +/- 0.0446

Std Dev: 1.6583 +/- 0.0315

Entries: 4646

Mean: 0.7303 +/- 0.4824

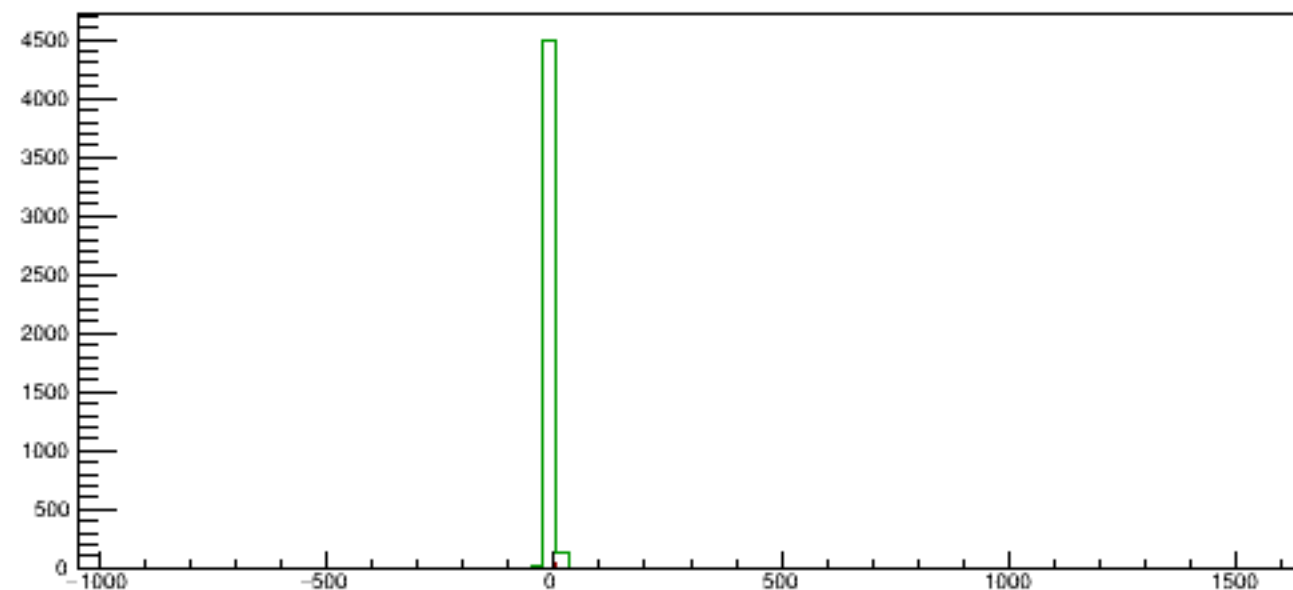
Std Dev: 32.8778 +/- 0.3411

Entries: 1866

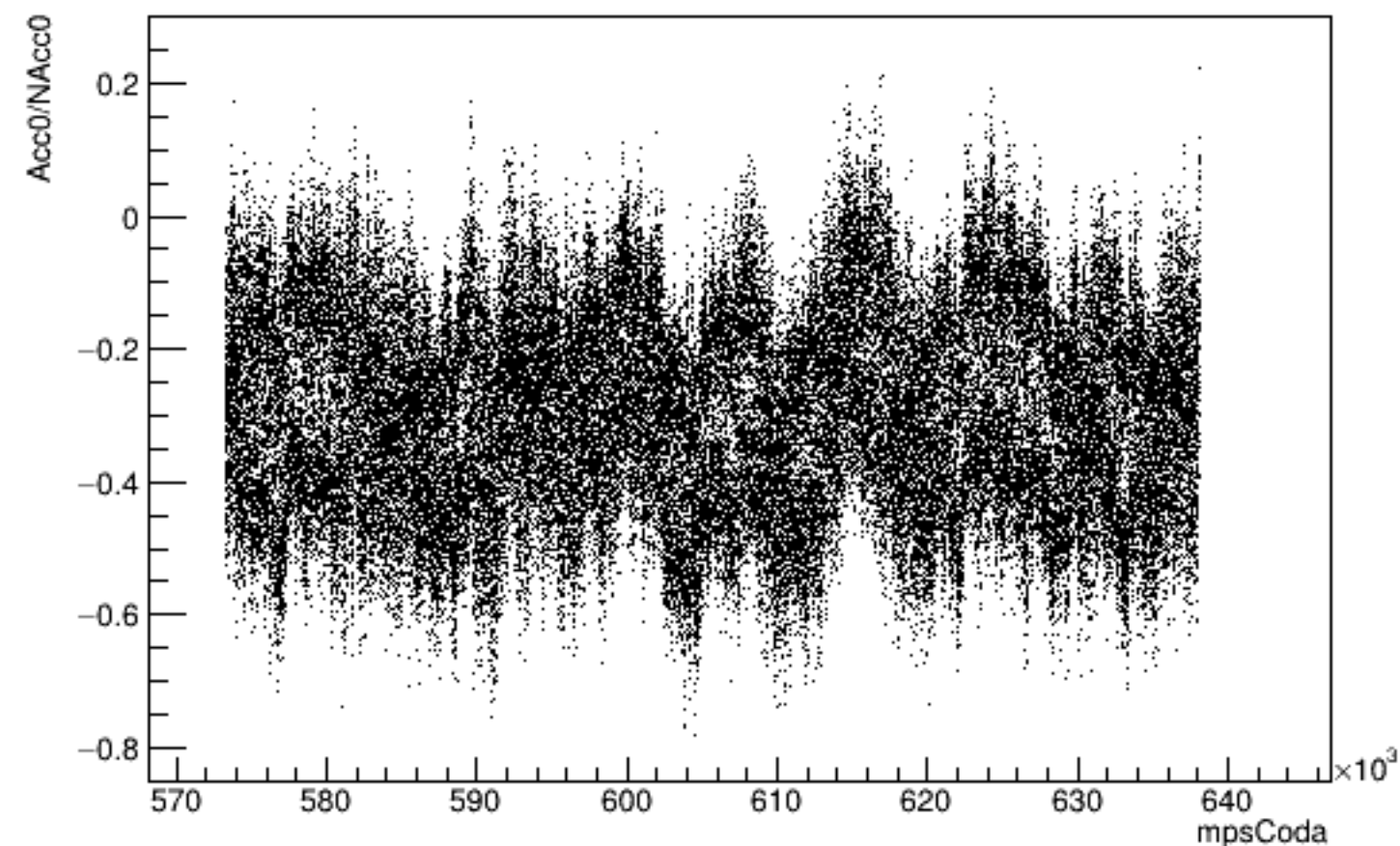
Mean: 0.0143 +/- 0.0384

Std Dev: 1.6582 +/- 0.0271

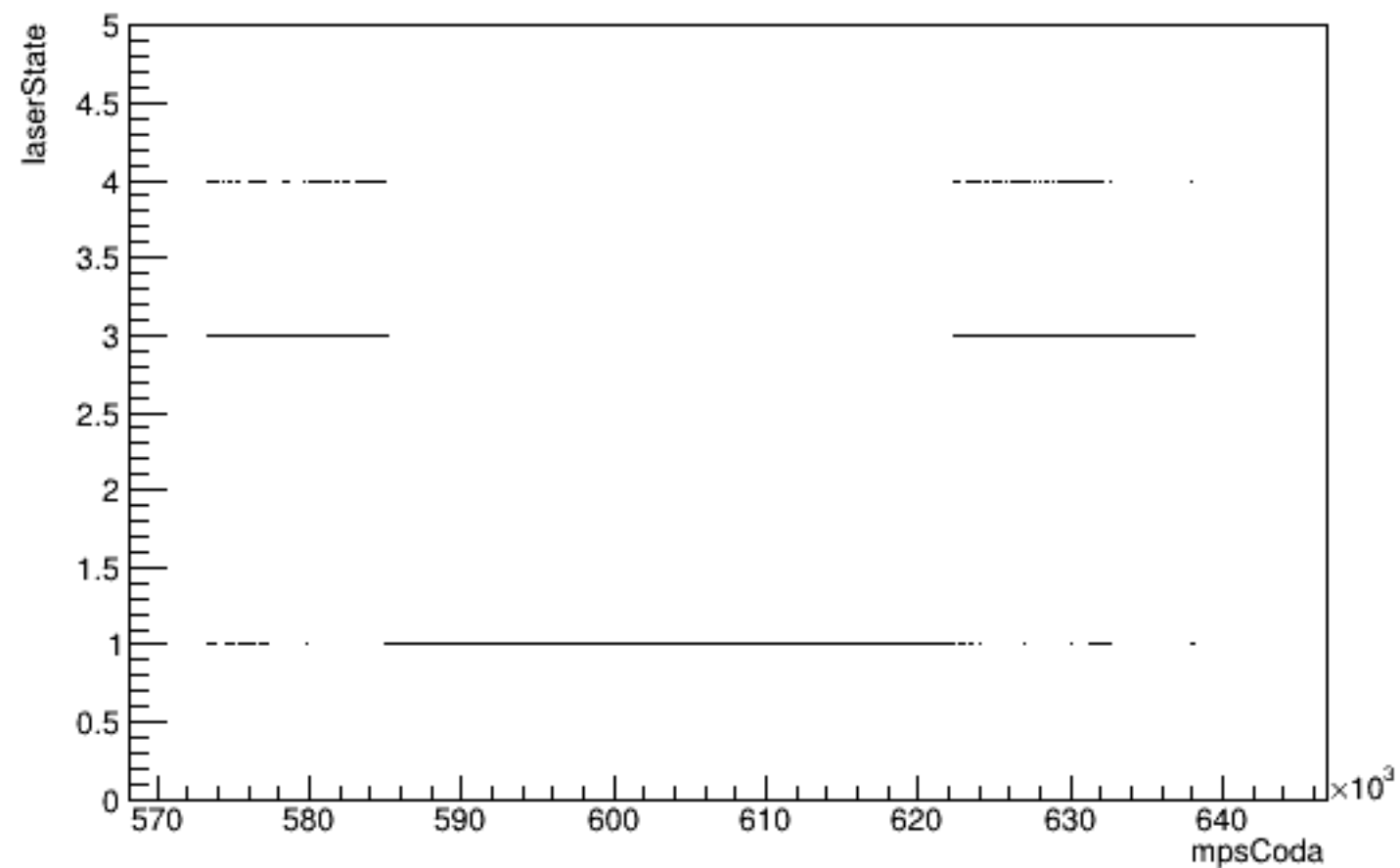
Run 4495 quartetwise, Asyms



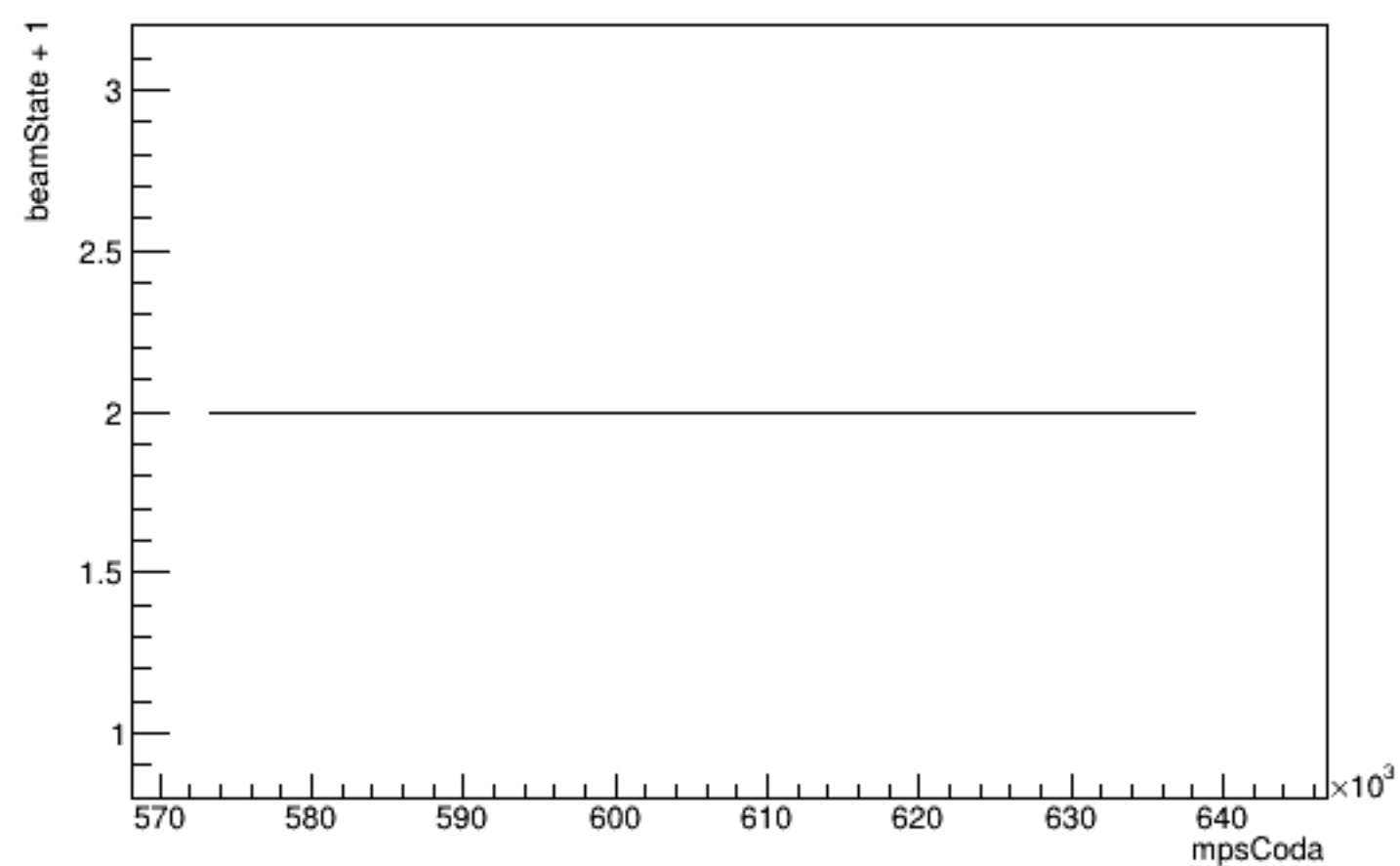
Acc0/NAcc0:mpsCoda (mpsCoda>=573231 && mpsCoda<=638078 && beamState==1)



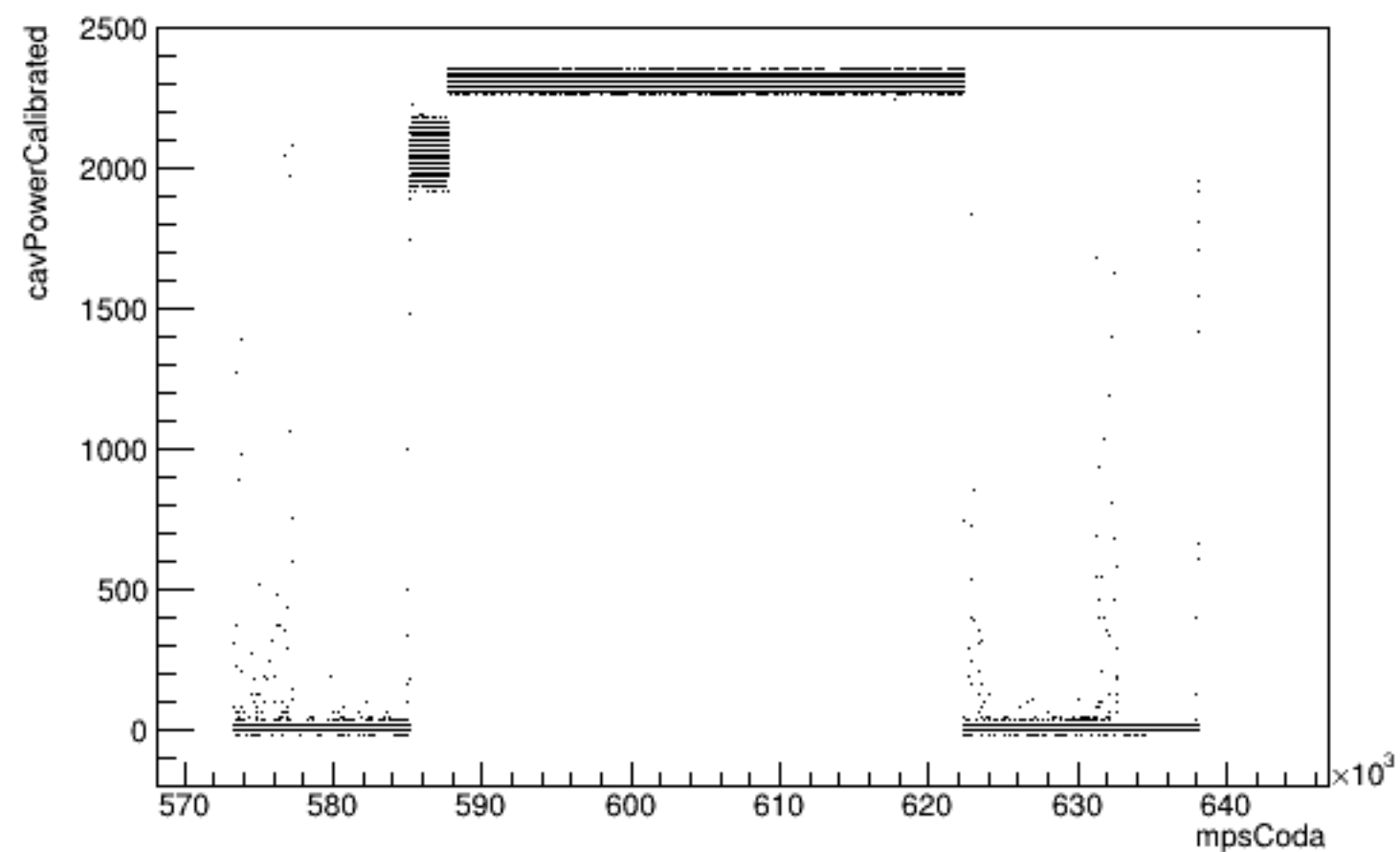
laserState:mpsCoda {mpsCoda>=573231 && mpsCoda<=638078}



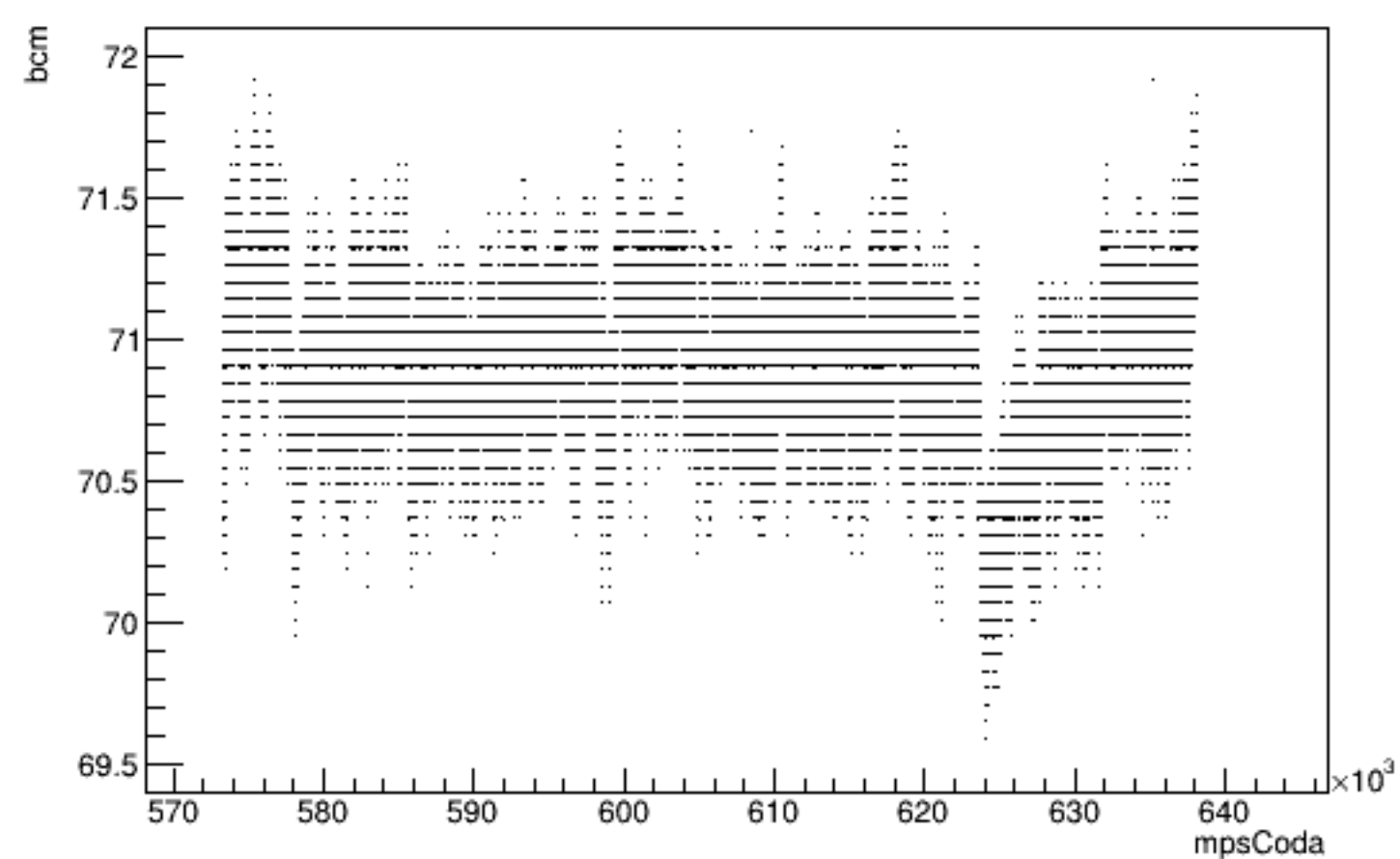
beamState + 1:mpsCoda {mpsCoda>=573231 && mpsCoda<=638078}



cavPowerCalibrated:mpsCoda {mpsCoda>=573231 && mpsCoda<=638078}



bcm:mpsCoda {mpsCoda>=573231 && mpsCoda<=638078}



Cycle 14, Diffs

Entries: 1866

Mean: -0.0004 +/- 0.0010

Std Dev: 0.0445 +/- 0.0007

Entries: 4787

Mean: -0.0003 +/- 0.0006

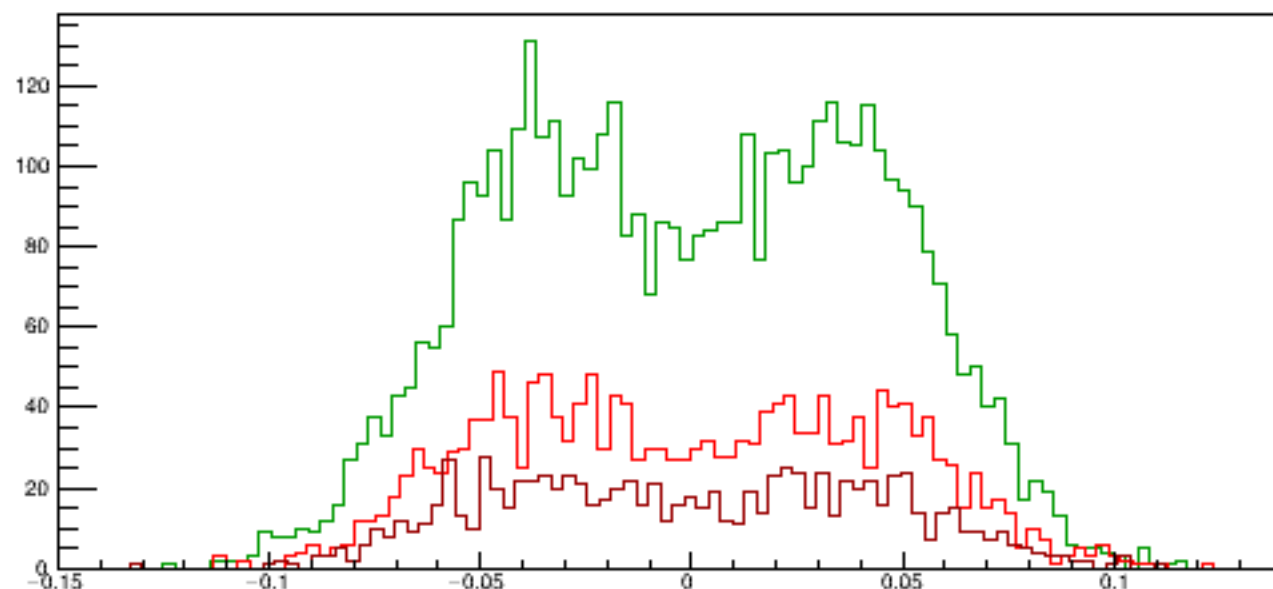
Std Dev: 0.0436 +/- 0.0004

Entries: 947

Mean: -0.0010 +/- 0.0014

Std Dev: 0.0442 +/- 0.0010

Run 4495 quartetwise, Diffs



Cycle 14, Sums

Entries: 1866

Mean: -0.5755 +/- 0.0033

Std Dev: 0.1440 +/- 0.0024

Entries: 4787

Mean: -0.6253 +/- 0.0023

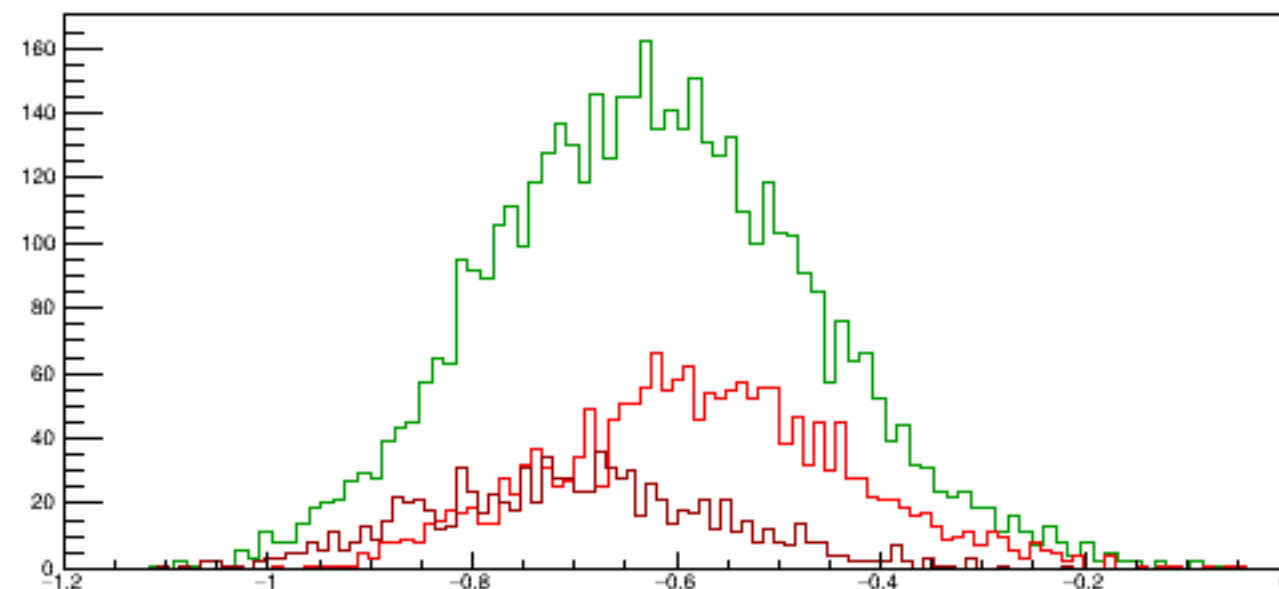
Std Dev: 0.1564 +/- 0.0016

Entries: 947

Mean: -0.7039 +/- 0.0046

Std Dev: 0.1421 +/- 0.0033

Run 4495 quartetwise, Sums



Cycle 14, Asyms

Entries: 1866

Mean: -0.0269 +/- 0.0719

Std Dev: 3.1044 +/- 0.0508

Entries: 4787

Mean: 0.0847 +/- 0.1117

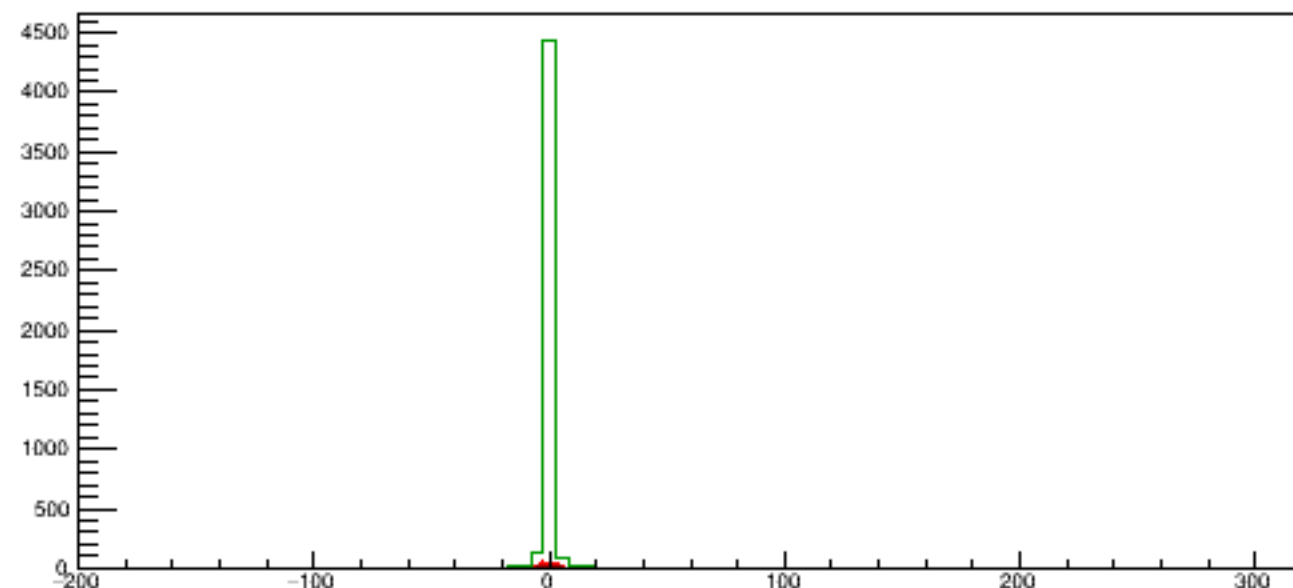
Std Dev: 7.7272 +/- 0.0790

Entries: 947

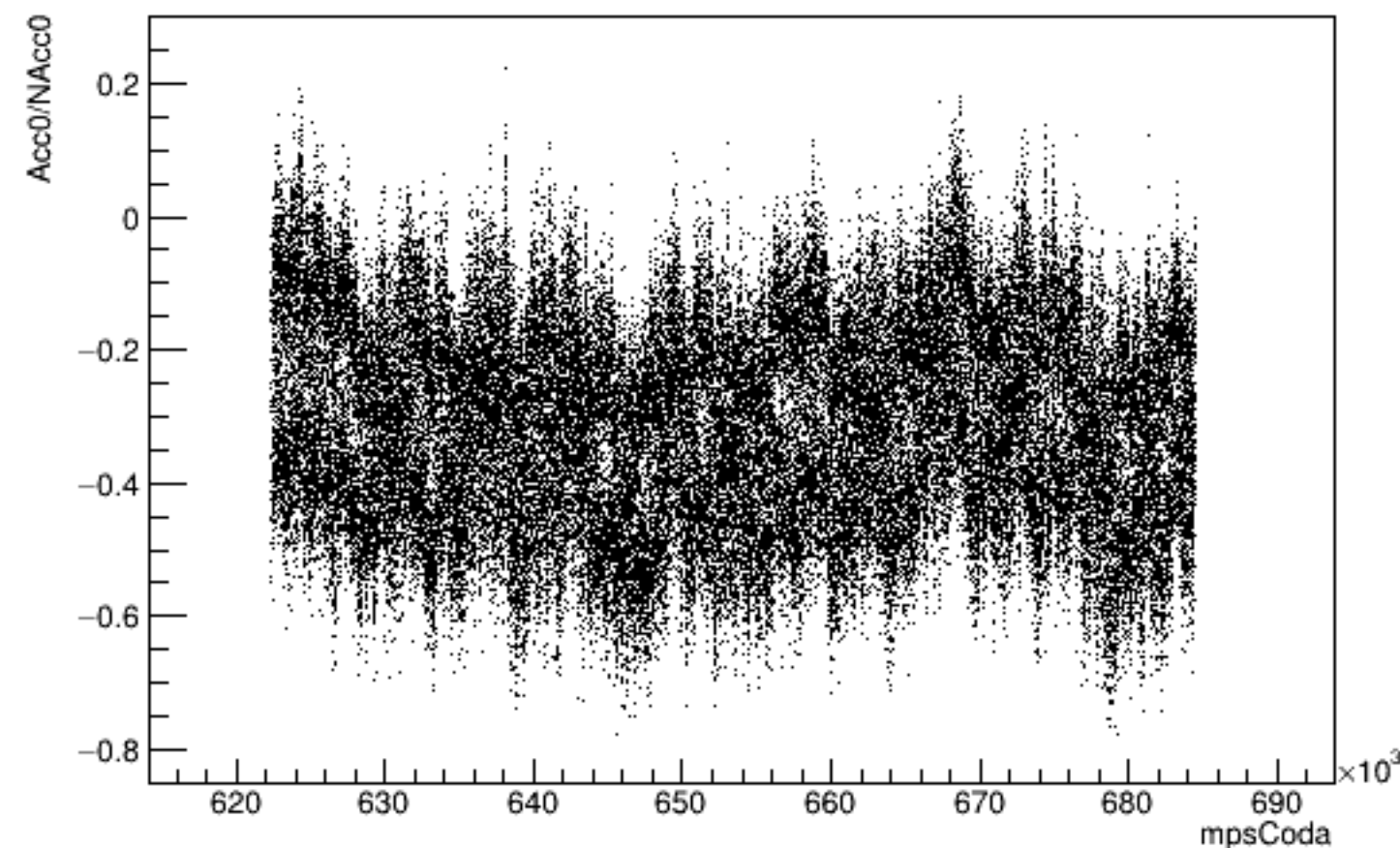
Mean: -0.0665 +/- 0.1002

Std Dev: 3.0839 +/- 0.0709

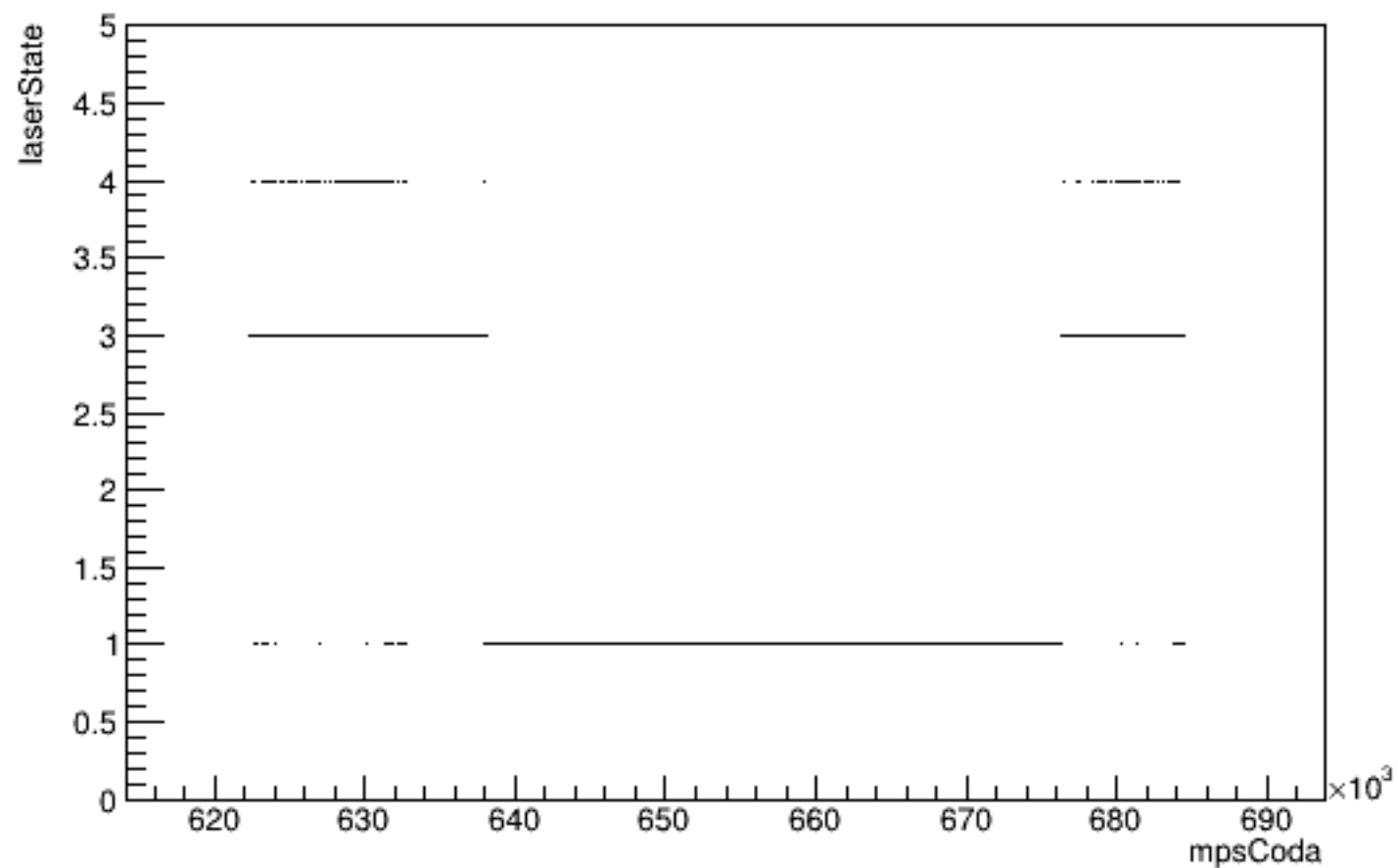
Run 4495 quartetwise, Asyms



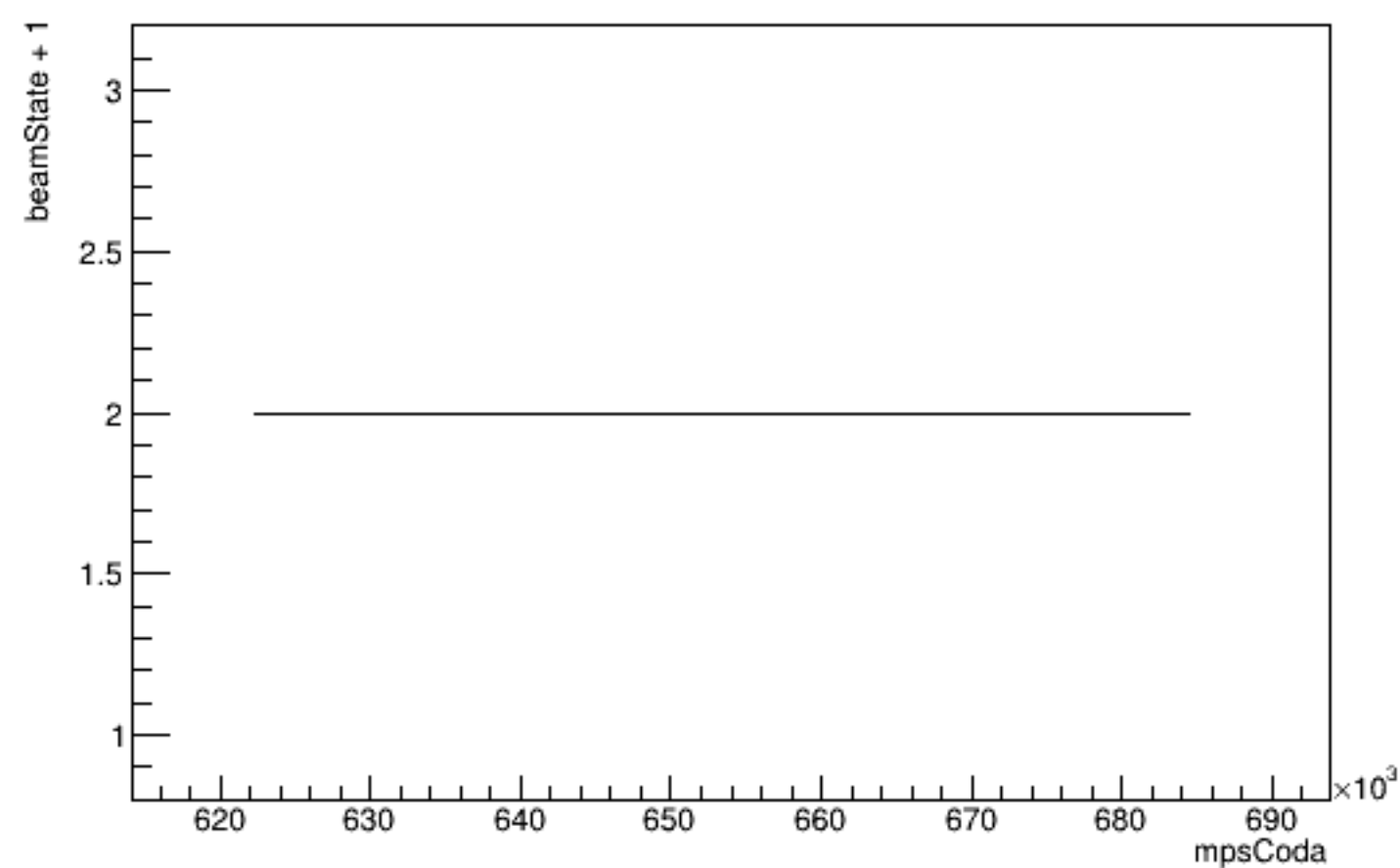
Acc0/NAcc0:mpsCoda (mpsCoda>=622343 && mpsCoda<=684470 && beamState==1)



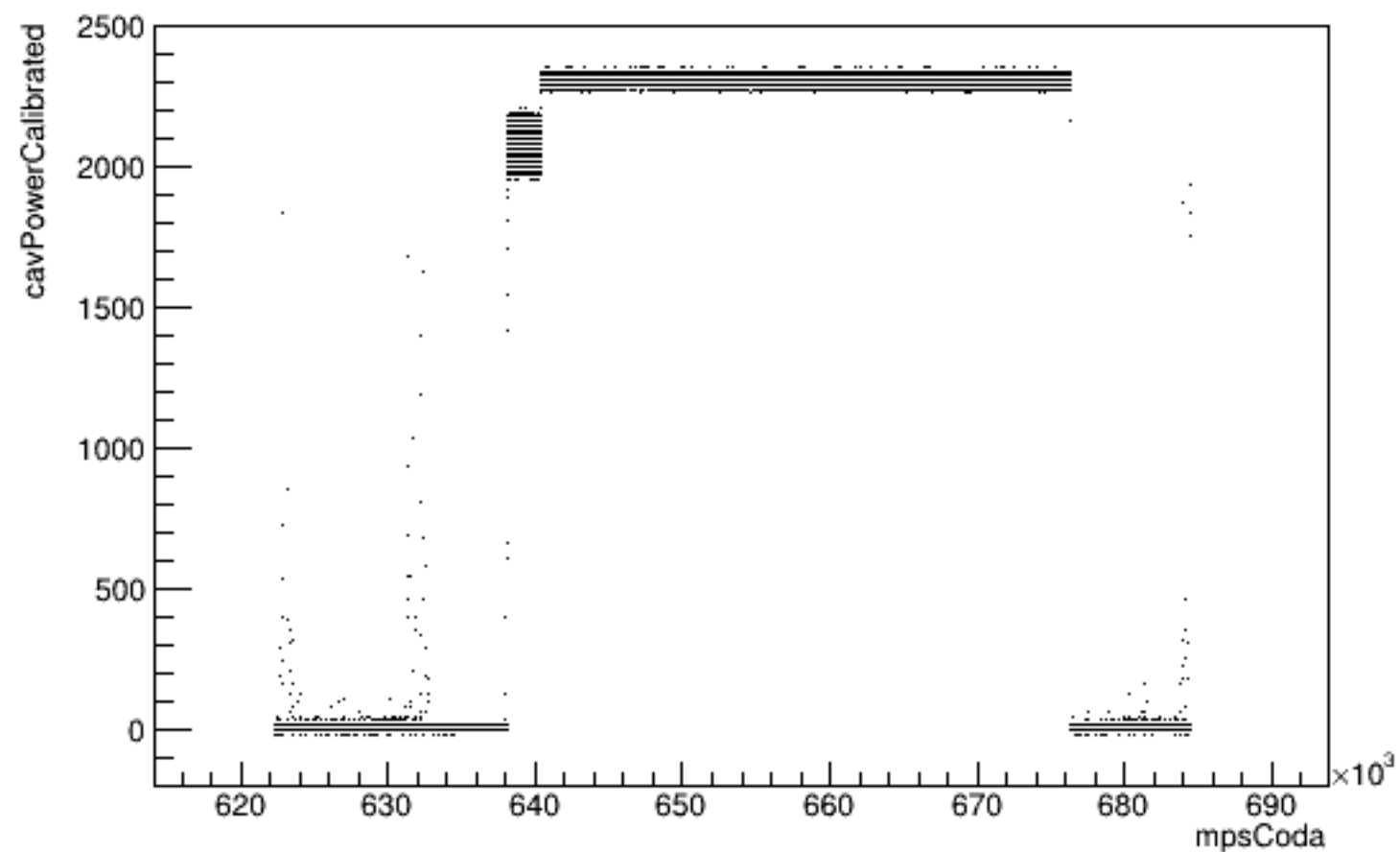
laserState:mpsCoda {mpsCoda>=622343 && mpsCoda<=684470}



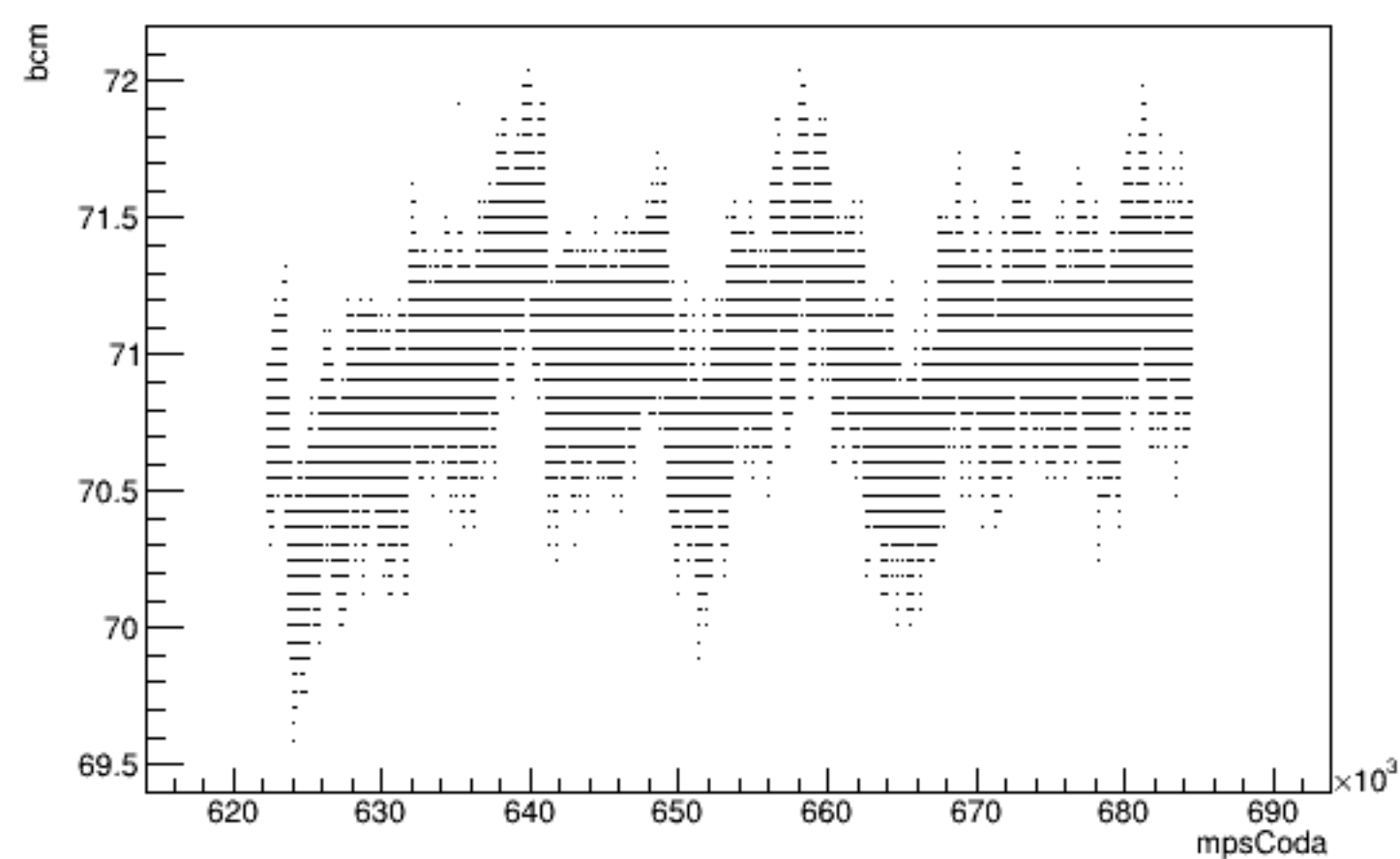
beamState + 1:mpsCoda {mpsCoda>=622343 && mpsCoda<=684470}



cavPowerCalibrated:mpsCoda {mpsCoda>=622343 && mpsCoda<=684470}



bcm:mpsCoda {mpsCoda>=622343 && mpsCoda<=684470}



Cycle 15, Diffs

Entries: 2183

Mean: -0.0005 +/- 0.0009

Std Dev: 0.0430 +/- 0.0007

Entries: 3460

Mean: 0.0006 +/- 0.0007

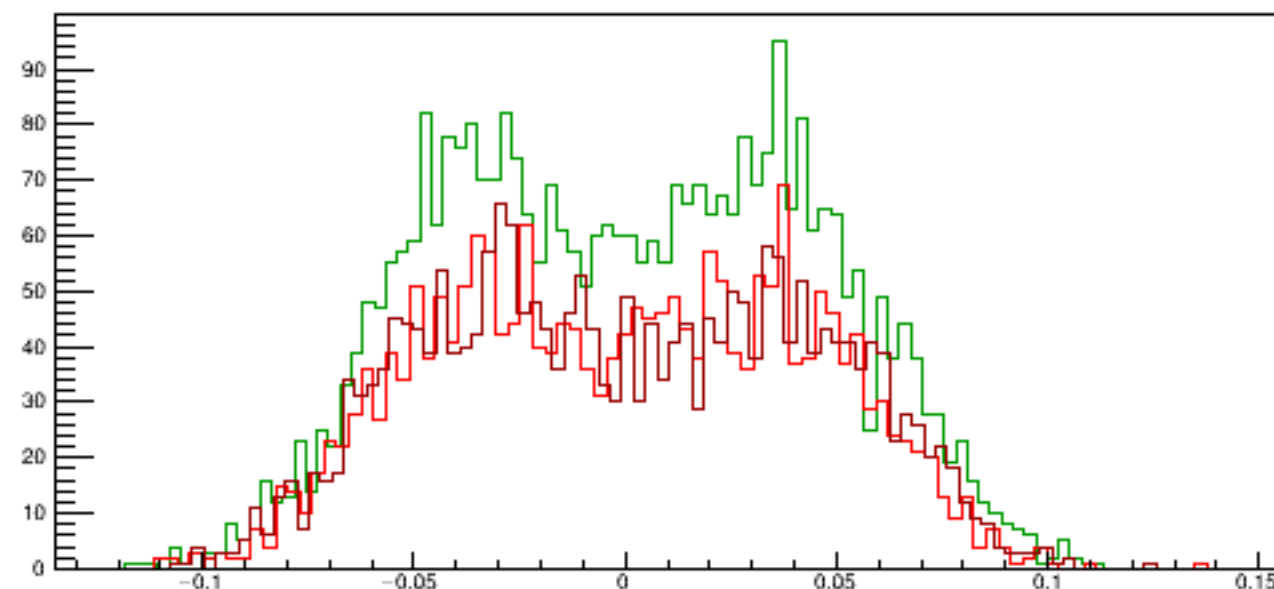
Std Dev: 0.0437 +/- 0.0005

Entries: 2330

Mean: 0.0002 +/- 0.0009

Std Dev: 0.0442 +/- 0.0006

Run 4495 quartetwise, Diffs



Cycle 15, Sums

Entries: 2183

Mean: -0.6873 +/- 0.0030

Std Dev: 0.1403 +/- 0.0021

Entries: 3460

Mean: -0.5915 +/- 0.0028

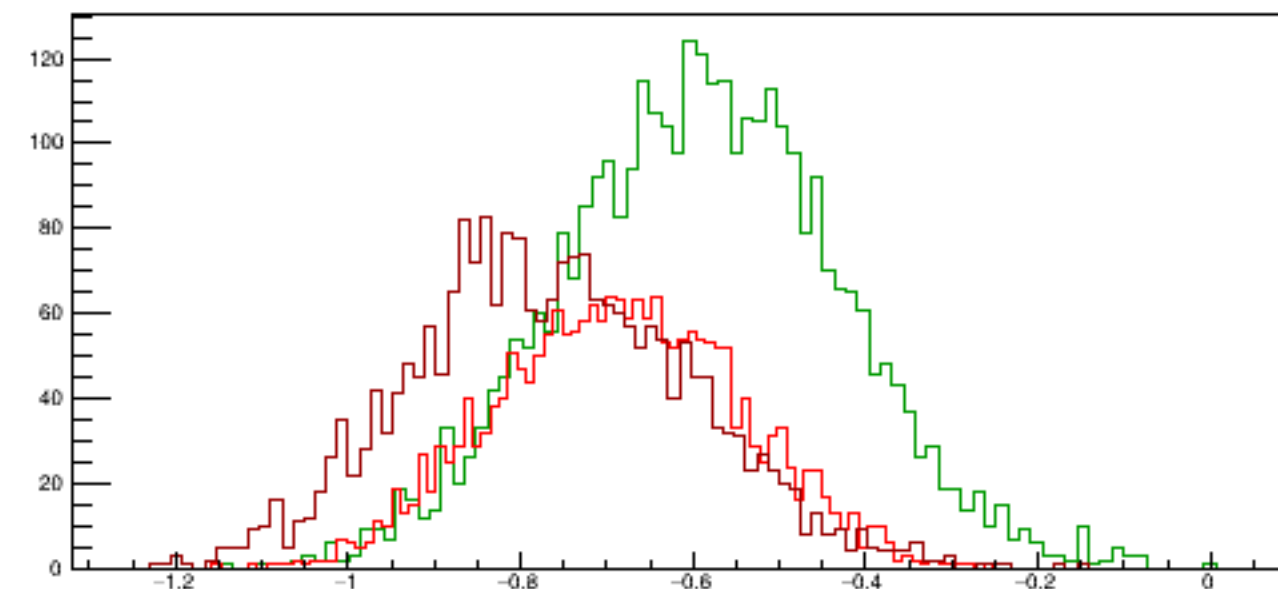
Std Dev: 0.1628 +/- 0.0020

Entries: 2330

Mean: -0.7643 +/- 0.0033

Std Dev: 0.1617 +/- 0.0024

Run 4495 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=722759 && mpsCoda<=788318 && beamState==1)

Cycle 15, Asyms

Entries: 2183

Mean: -0.0036 +/- 0.0069

Std Dev: 0.3204 +/- 0.0048

Entries: 3460

Mean: -0.5130 +/- 0.6927

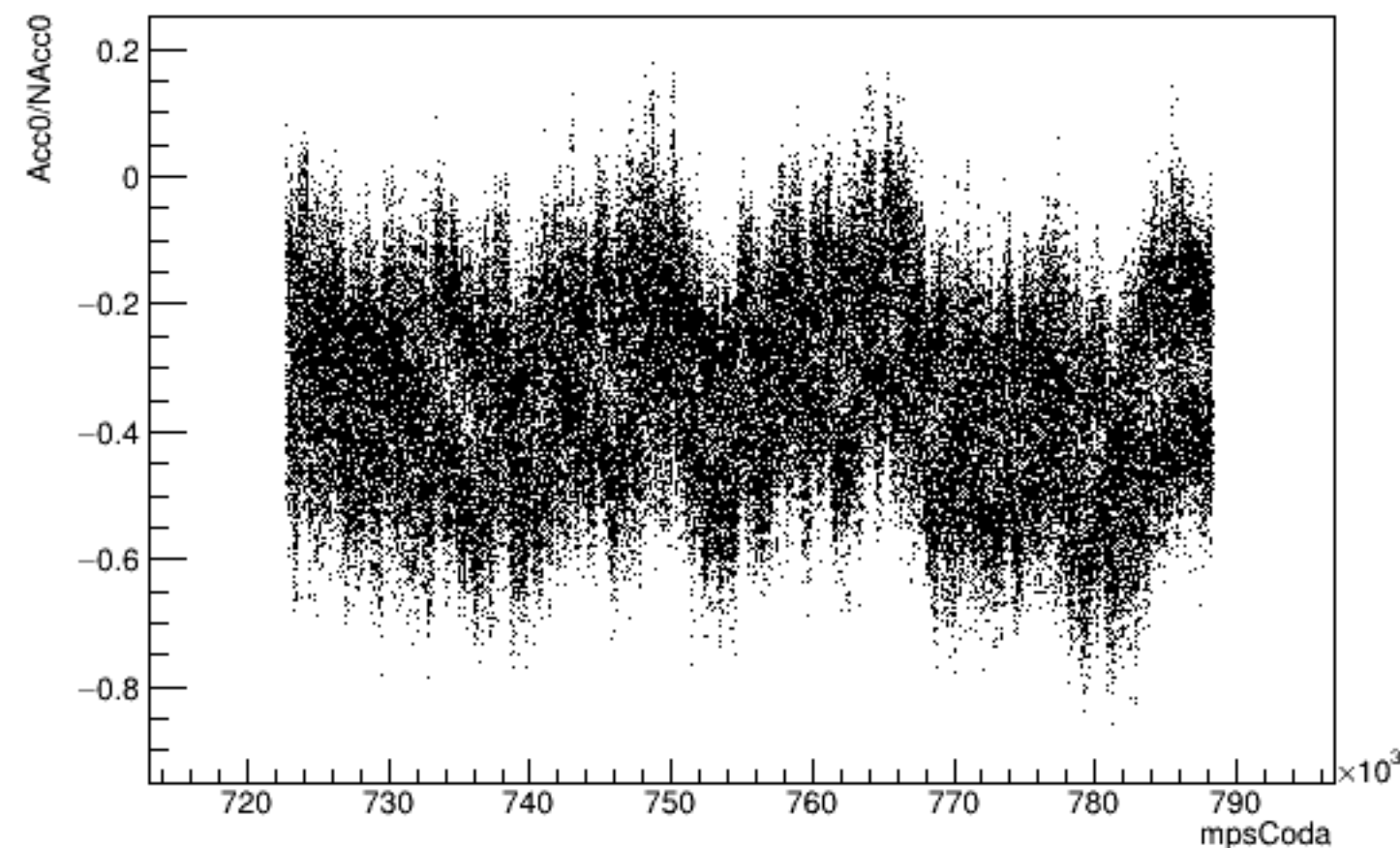
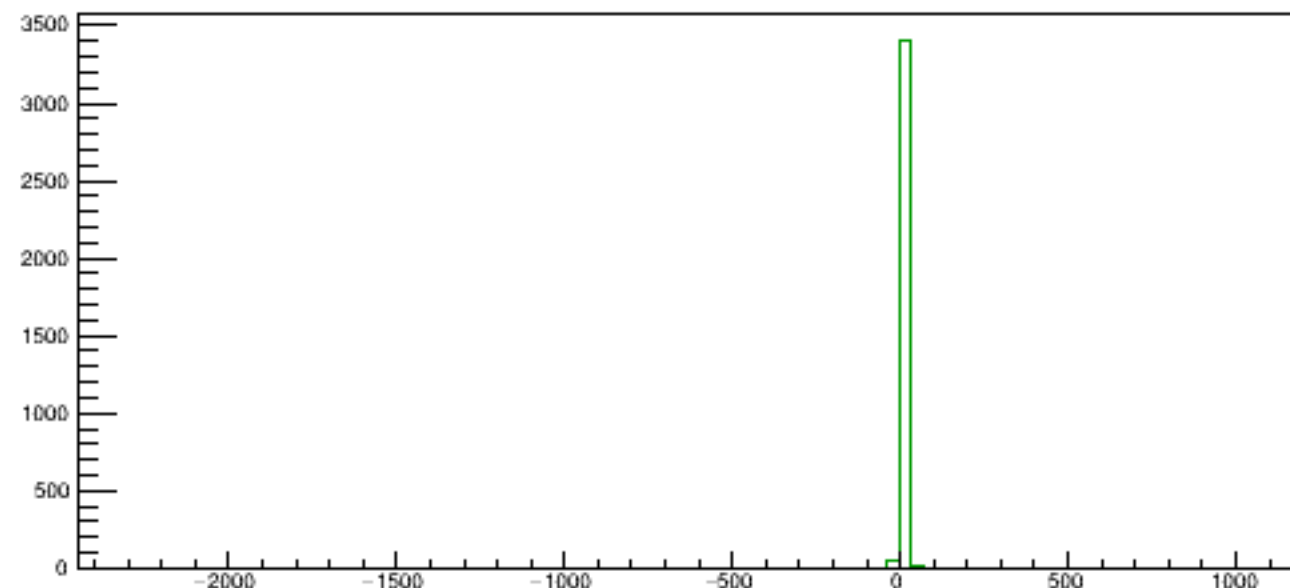
Std Dev: 40.7487 +/- 0.4898

Entries: 2330

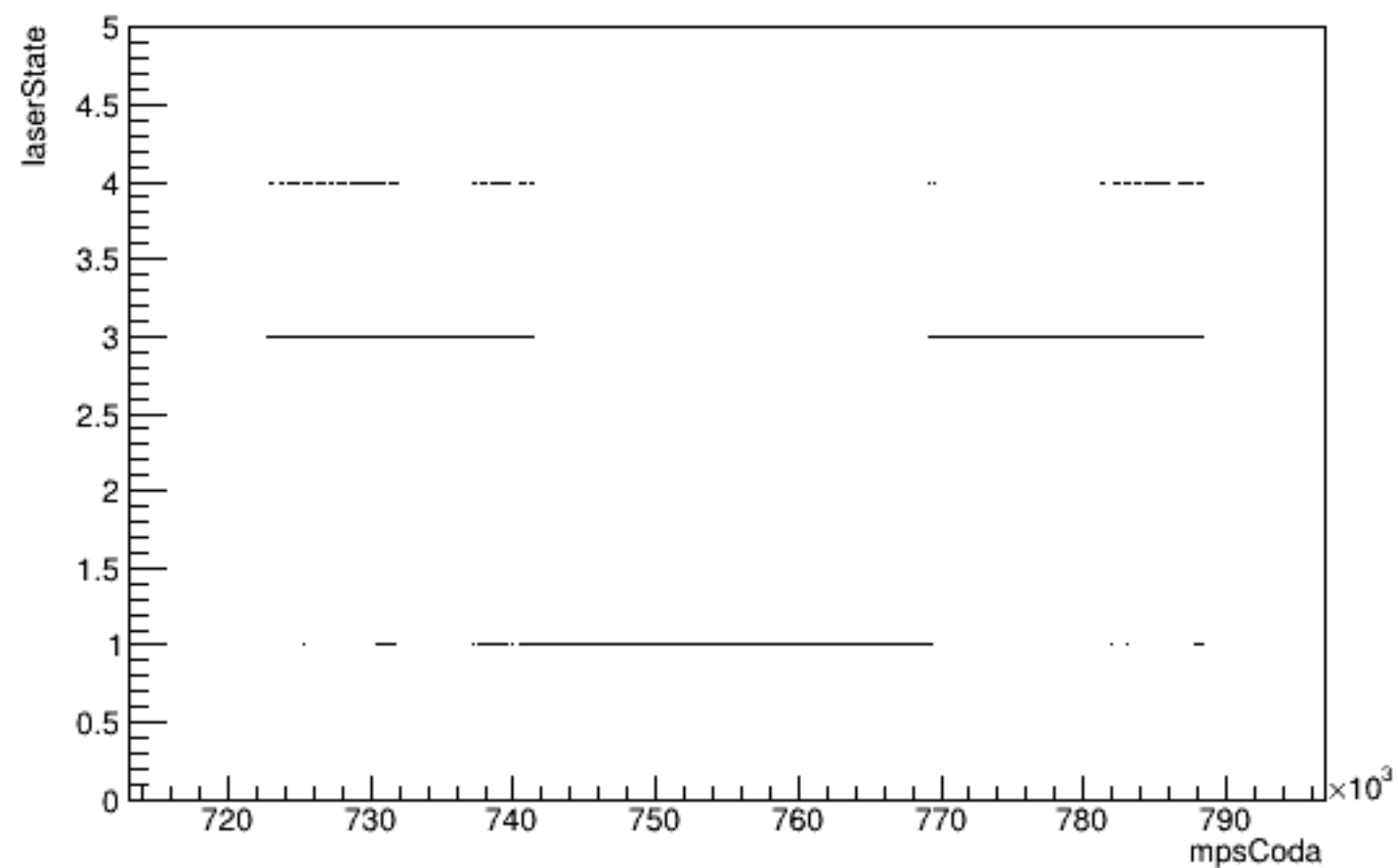
Mean: 0.0018 +/- 0.0068

Std Dev: 0.3293 +/- 0.0048

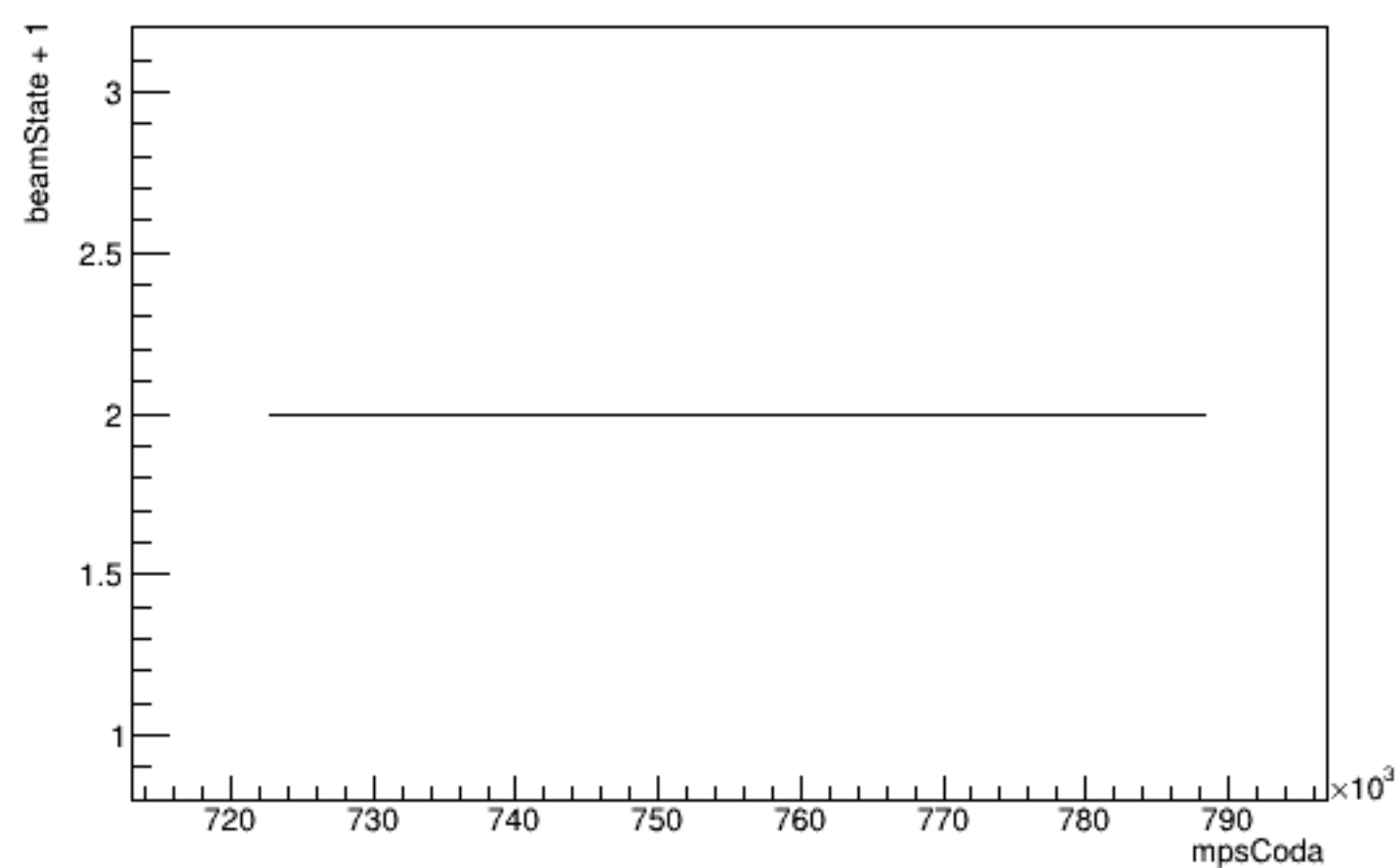
Run 4495 quartetwise, Asyms



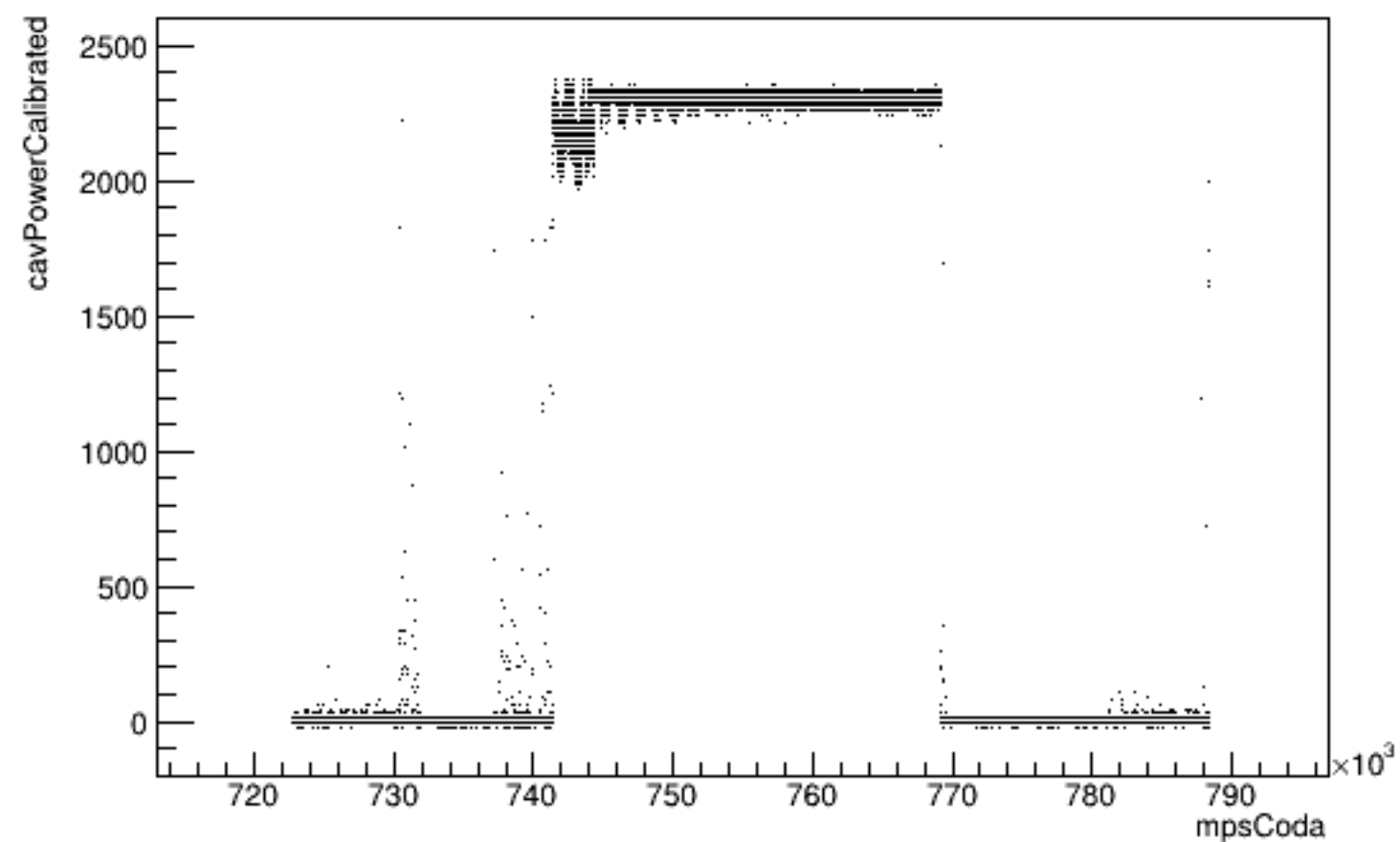
laserState:mpsCoda {mpsCoda>=722759 && mpsCoda<=788318}



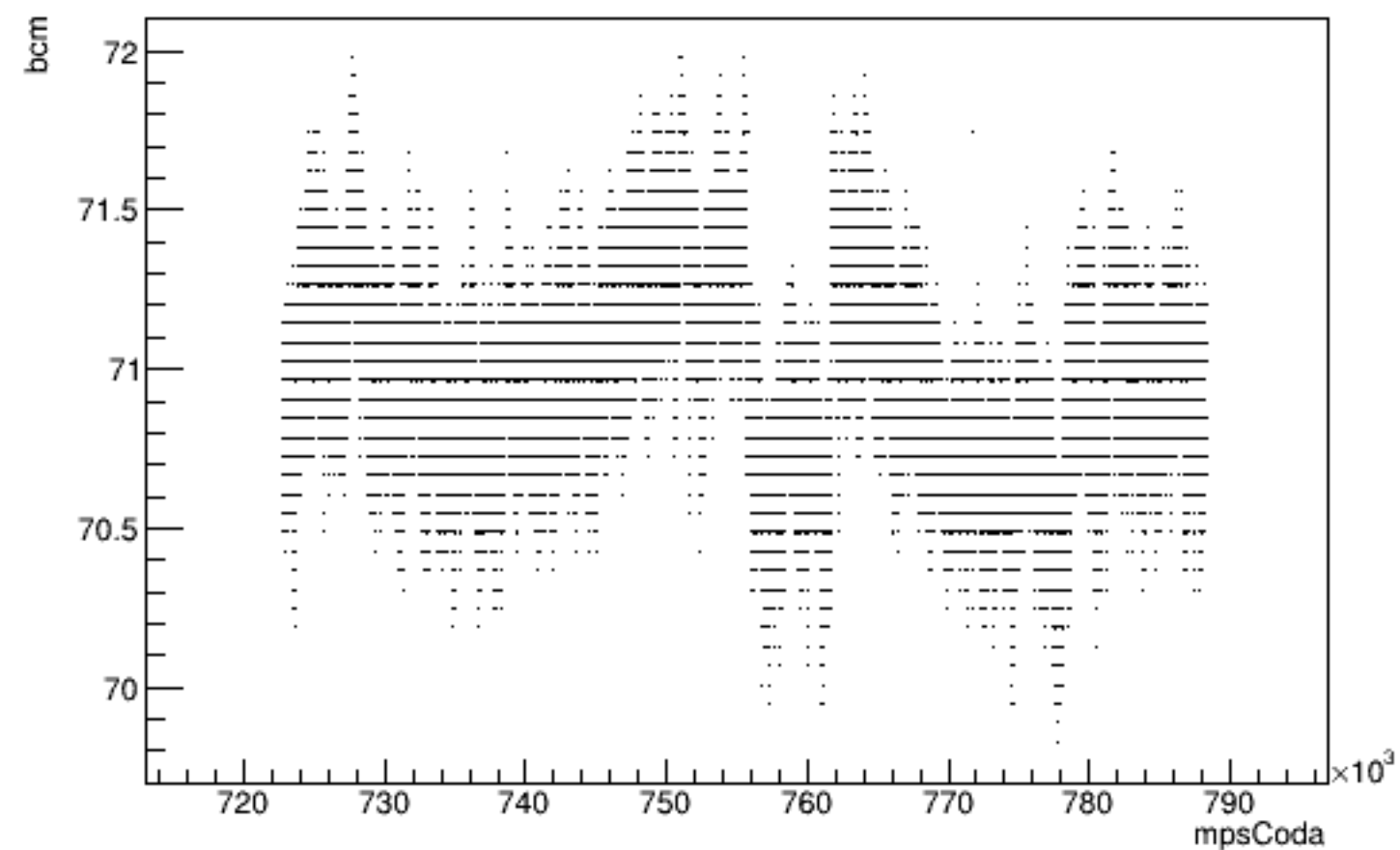
beamState + 1:mpsCoda {mpsCoda>=722759 && mpsCoda<=788318}



cavPowerCalibrated:mpsCoda {mpsCoda>=722759 && mpsCoda<=788318}



bcm:mpsCoda {mpsCoda>=722759 && mpsCoda<=788318}



Cycle 16, Diffs

Entries: 2330

Mean: 0.0002 +/- 0.0009

Std Dev: 0.0442 +/- 0.0006

Entries: 4793

Mean: 0.0001 +/- 0.0006

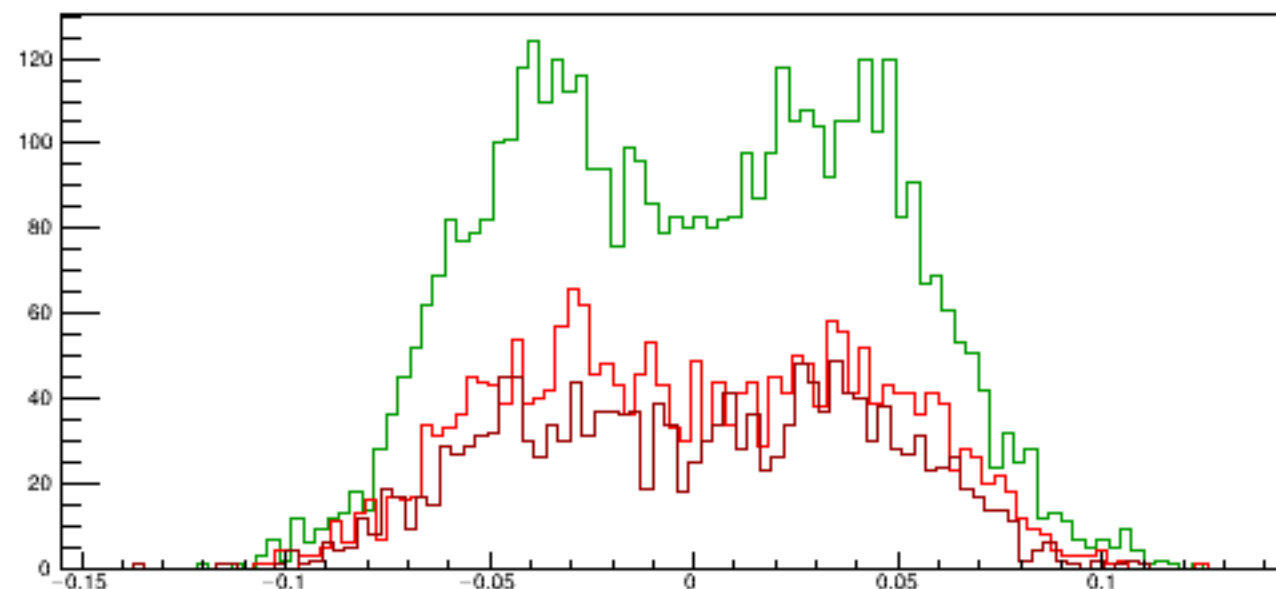
Std Dev: 0.0442 +/- 0.0005

Entries: 1672

Mean: -0.0002 +/- 0.0011

Std Dev: 0.0438 +/- 0.0008

Run 4495 quartetwise, Diffs



Cycle 16, Sums

Entries: 2330

Mean: -0.7643 +/- 0.0033

Std Dev: 0.1617 +/- 0.0024

Entries: 4793

Mean: -0.6961 +/- 0.0024

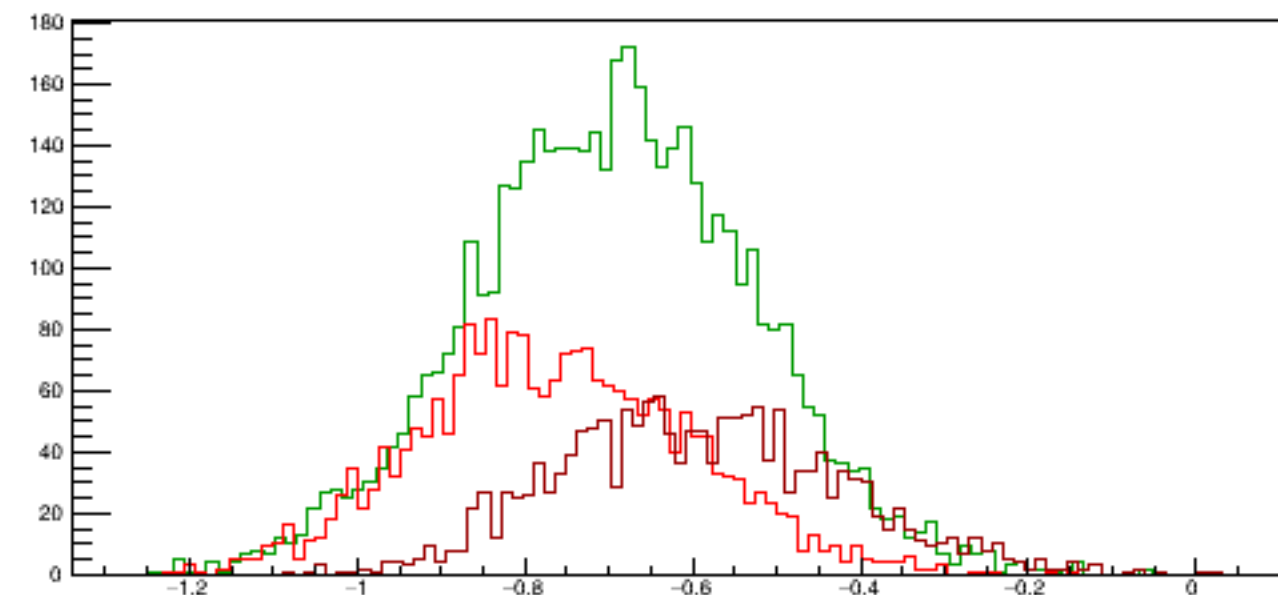
Std Dev: 0.1683 +/- 0.0017

Entries: 1672

Mean: -0.5914 +/- 0.0041

Std Dev: 0.1689 +/- 0.0029

Run 4495 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=769135 && mpsCoda<=840838 && beamState==1)

Cycle 16, Asyms

Entries: 2330

Mean: -0.0131 +/- 0.0502

Std Dev: 2.4212 +/- 0.0355

Entries: 4793

Mean: 1.5429 +/- 1.9253

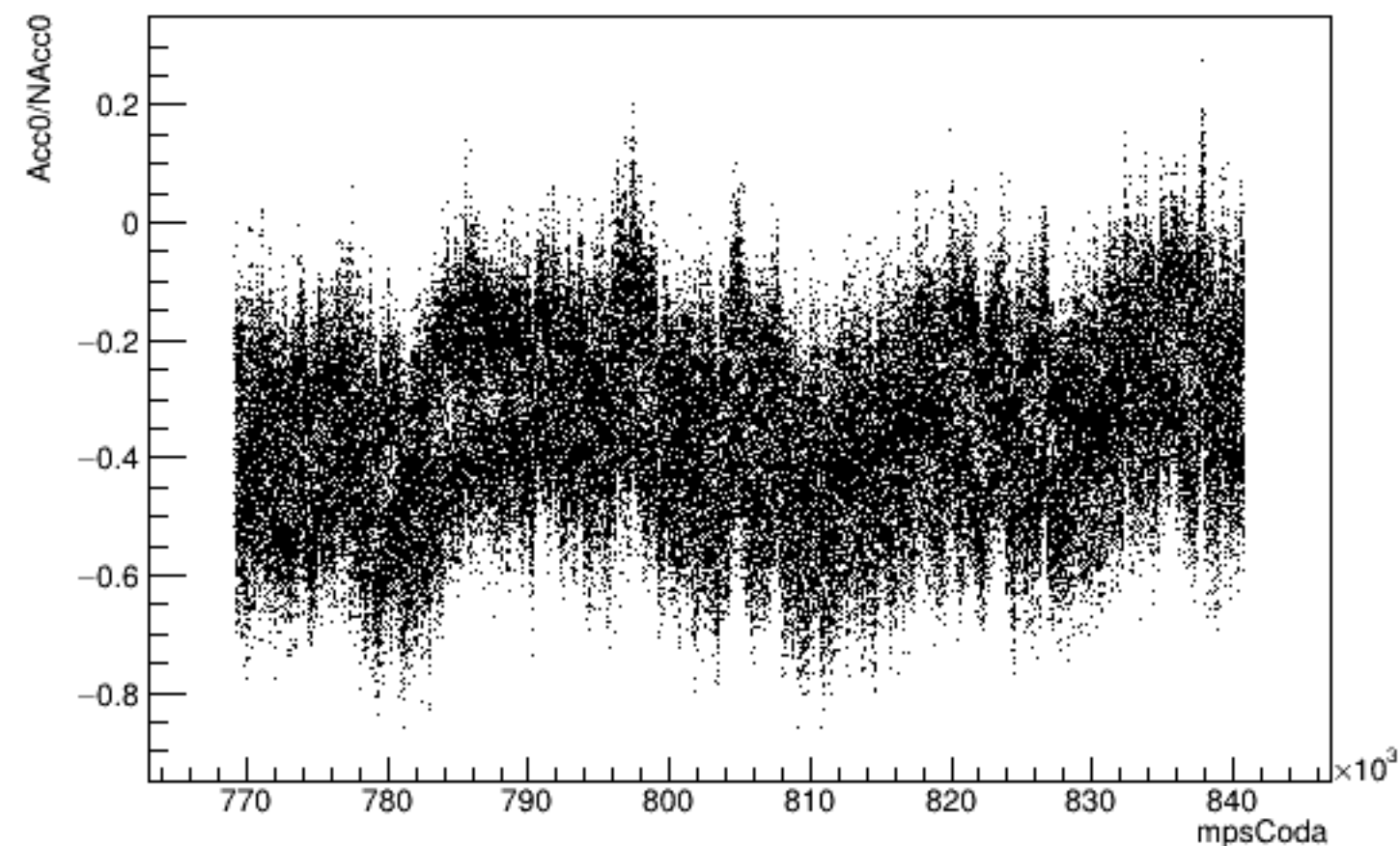
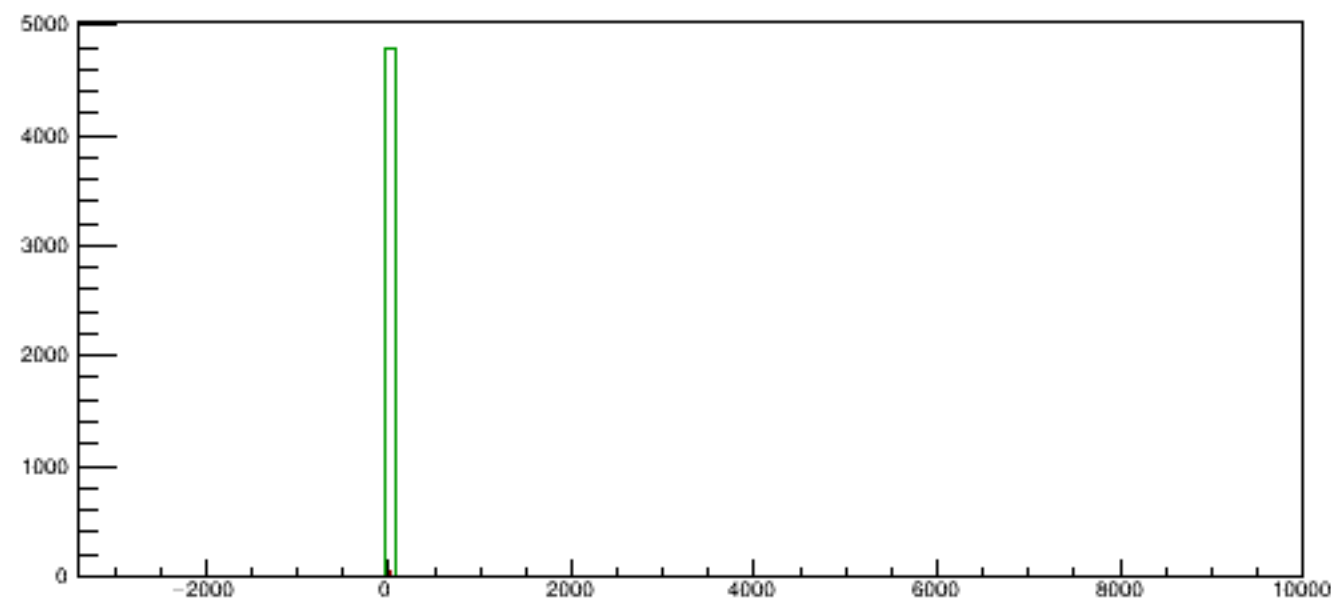
Std Dev: 133.2903 +/- 1.3614

Entries: 1672

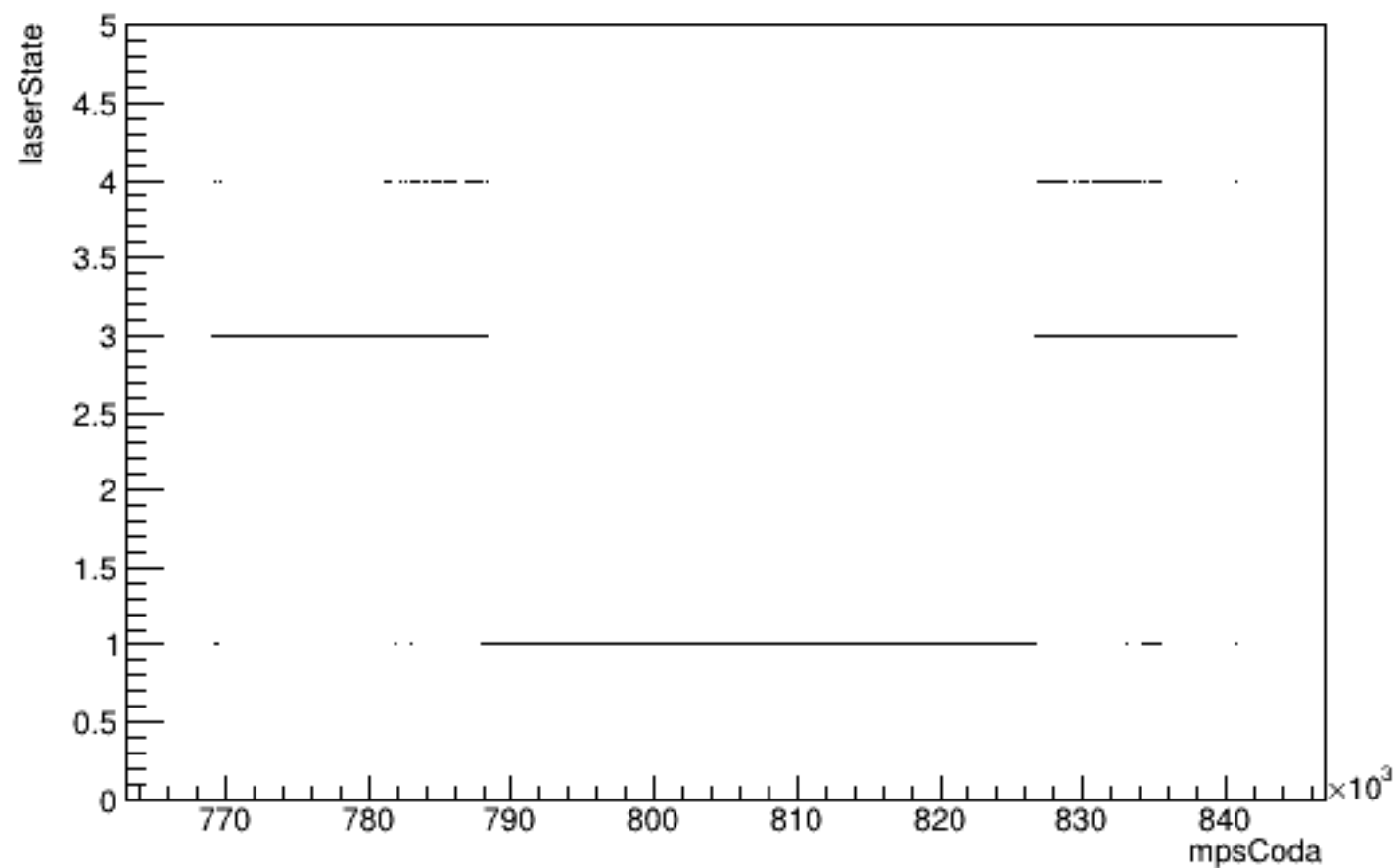
Mean: 0.0093 +/- 0.0586

Std Dev: 2.3963 +/- 0.0414

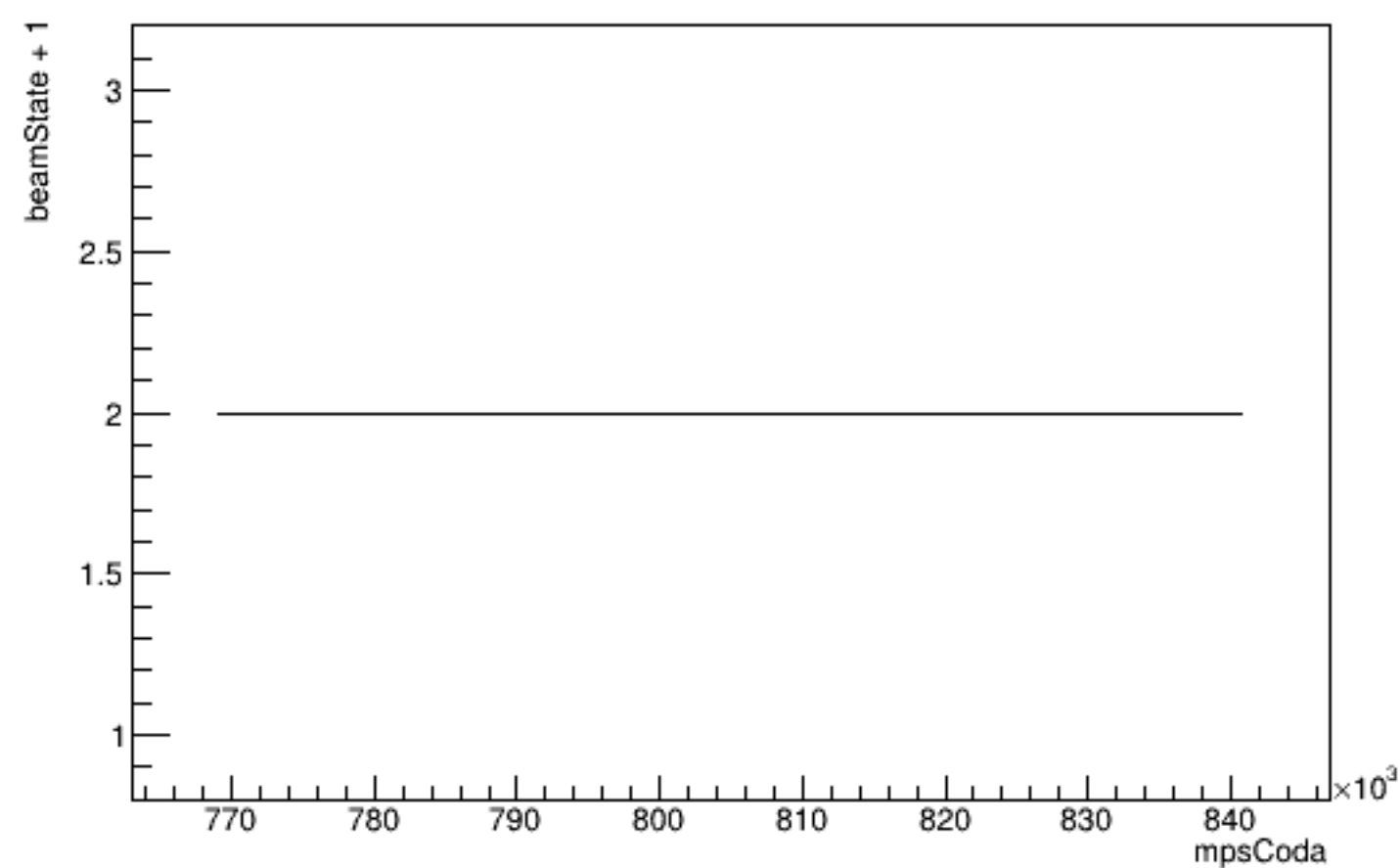
Run 4495 quartetwise, Asyms



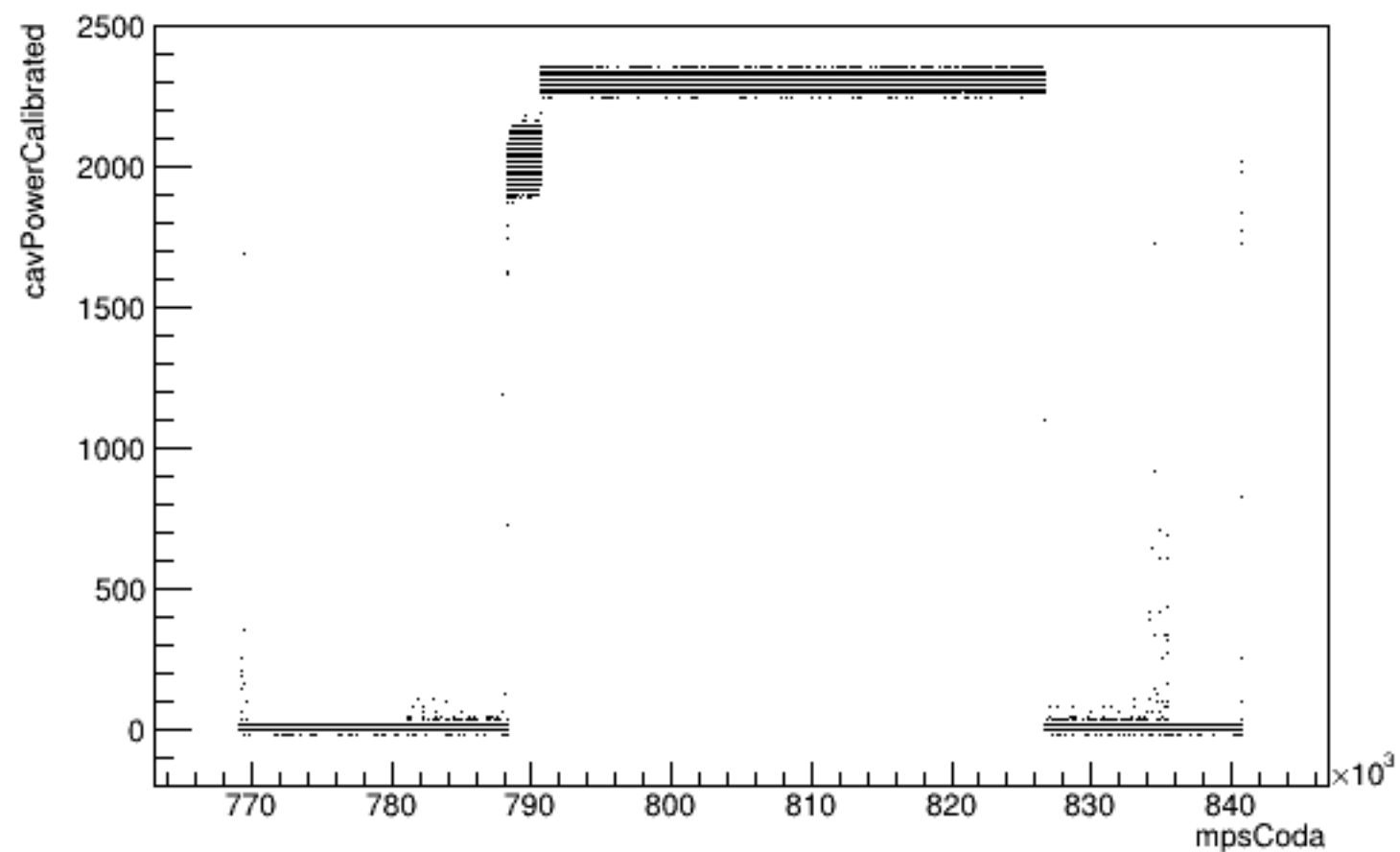
laserState:mpsCoda {mpsCoda>=769135 && mpsCoda<=840838}



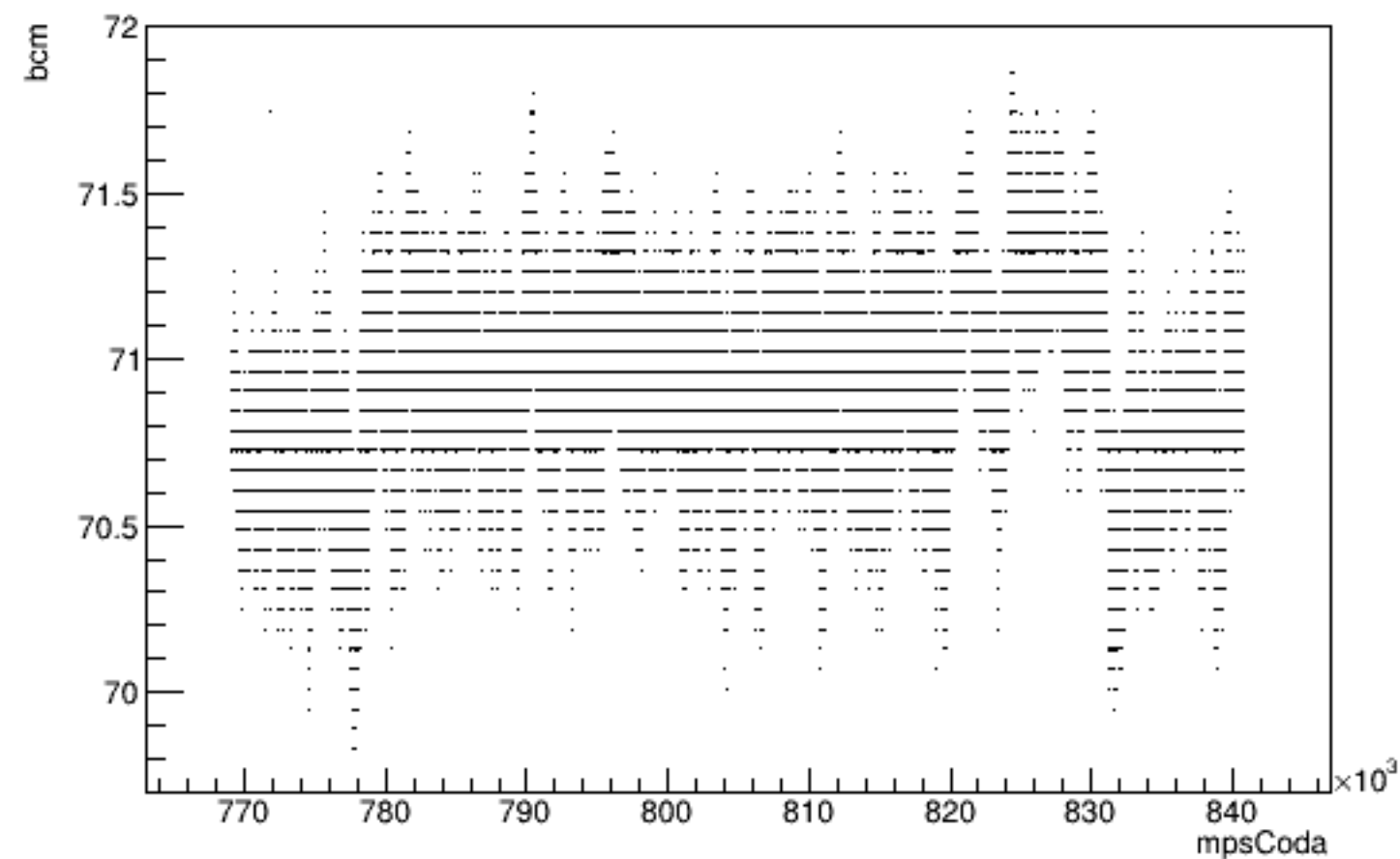
beamState + 1:mpsCoda {mpsCoda>=769135 && mpsCoda<=840838}



cavPowerCalibrated:mpsCoda {mpsCoda>=769135 && mpsCoda<=840838}



bcm:mpsCoda {mpsCoda>=769135 && mpsCoda<=840838}



Cycle 17, Diffs

Entries: 1404

Mean: -0.0007 +/- 0.0012

Std Dev: 0.0432 +/- 0.0008

Entries: 3879

Mean: 0.0002 +/- 0.0007

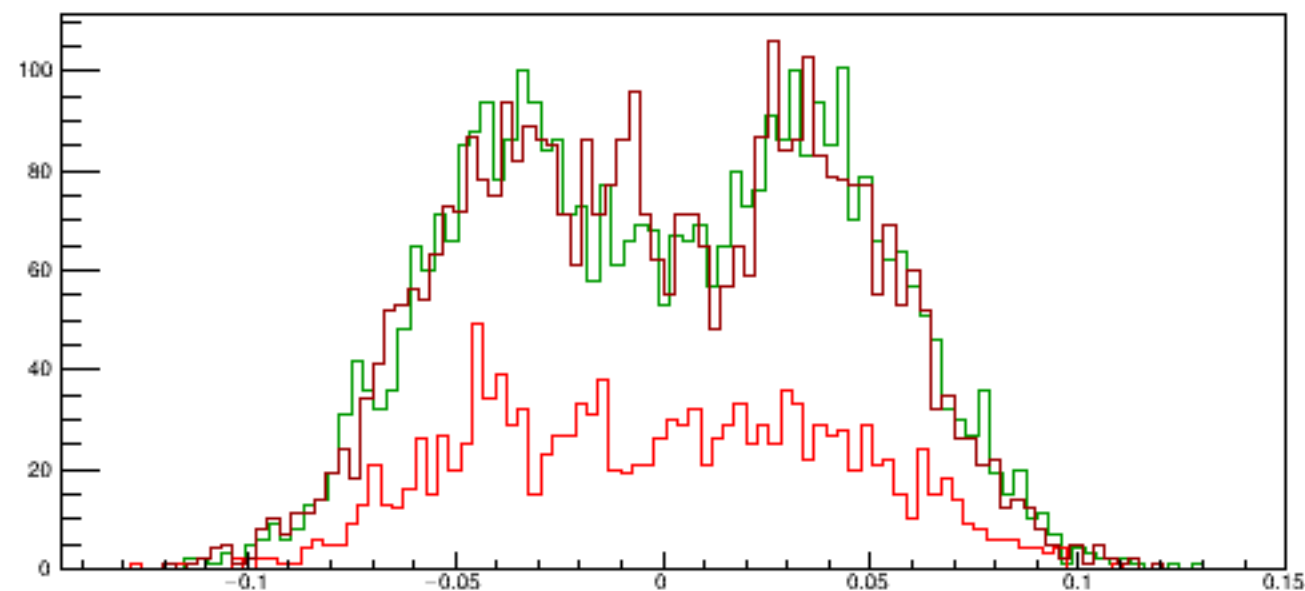
Std Dev: 0.0446 +/- 0.0005

Entries: 3865

Mean: -0.0008 +/- 0.0007

Std Dev: 0.0439 +/- 0.0005

Run 4495 quartetwise, Diffs



Cycle 17, Sums

Entries: 1404

Mean: -0.5678 +/- 0.0036

Std Dev: 0.1333 +/- 0.0025

Entries: 3879

Mean: -0.6858 +/- 0.0025

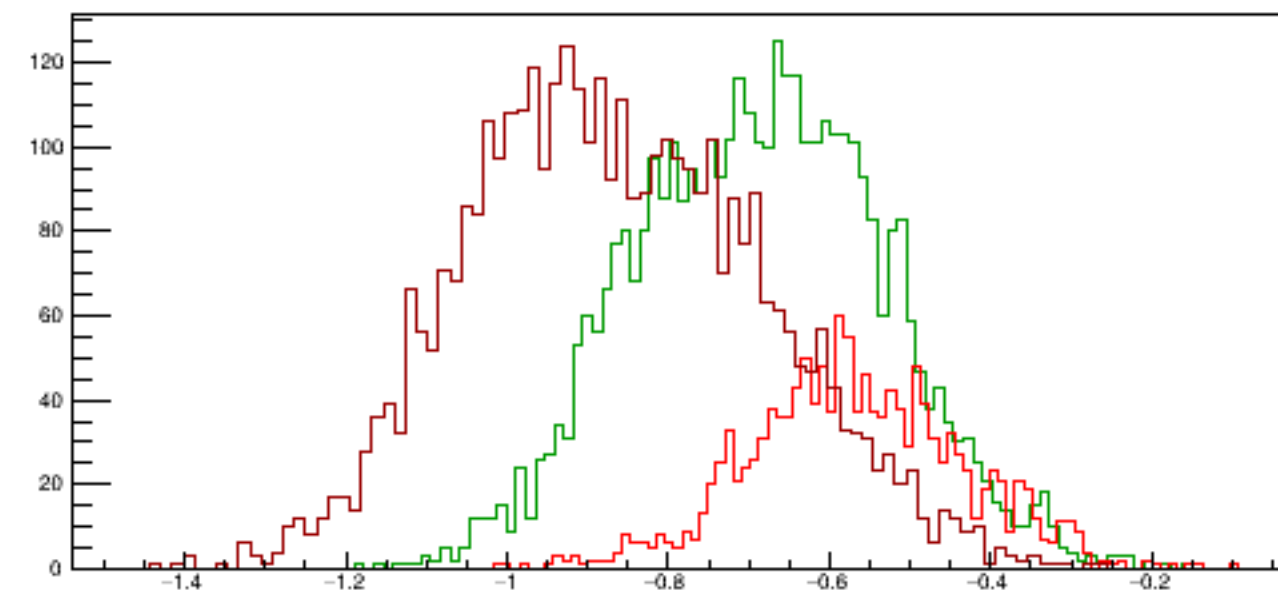
Std Dev: 0.1548 +/- 0.0018

Entries: 3865

Mean: -0.8653 +/- 0.0029

Std Dev: 0.1817 +/- 0.0021

Run 4495 quartetwise, Sums



Cycle 17, Asyms

Entries: 1404

Mean: -0.0235 +/- 0.0376

Std Dev: 1.4074 +/- 0.0266

Entries: 3879

Mean: -7.8523 +/- 7.5716

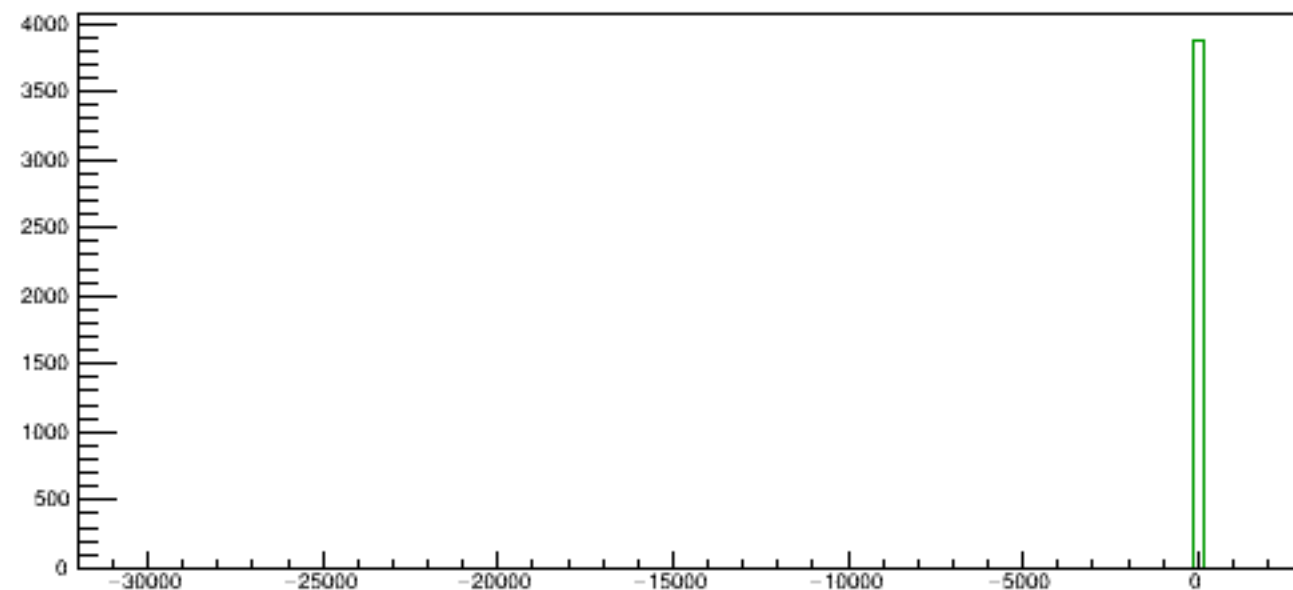
Std Dev: 471.5714 +/- 5.3539

Entries: 3865

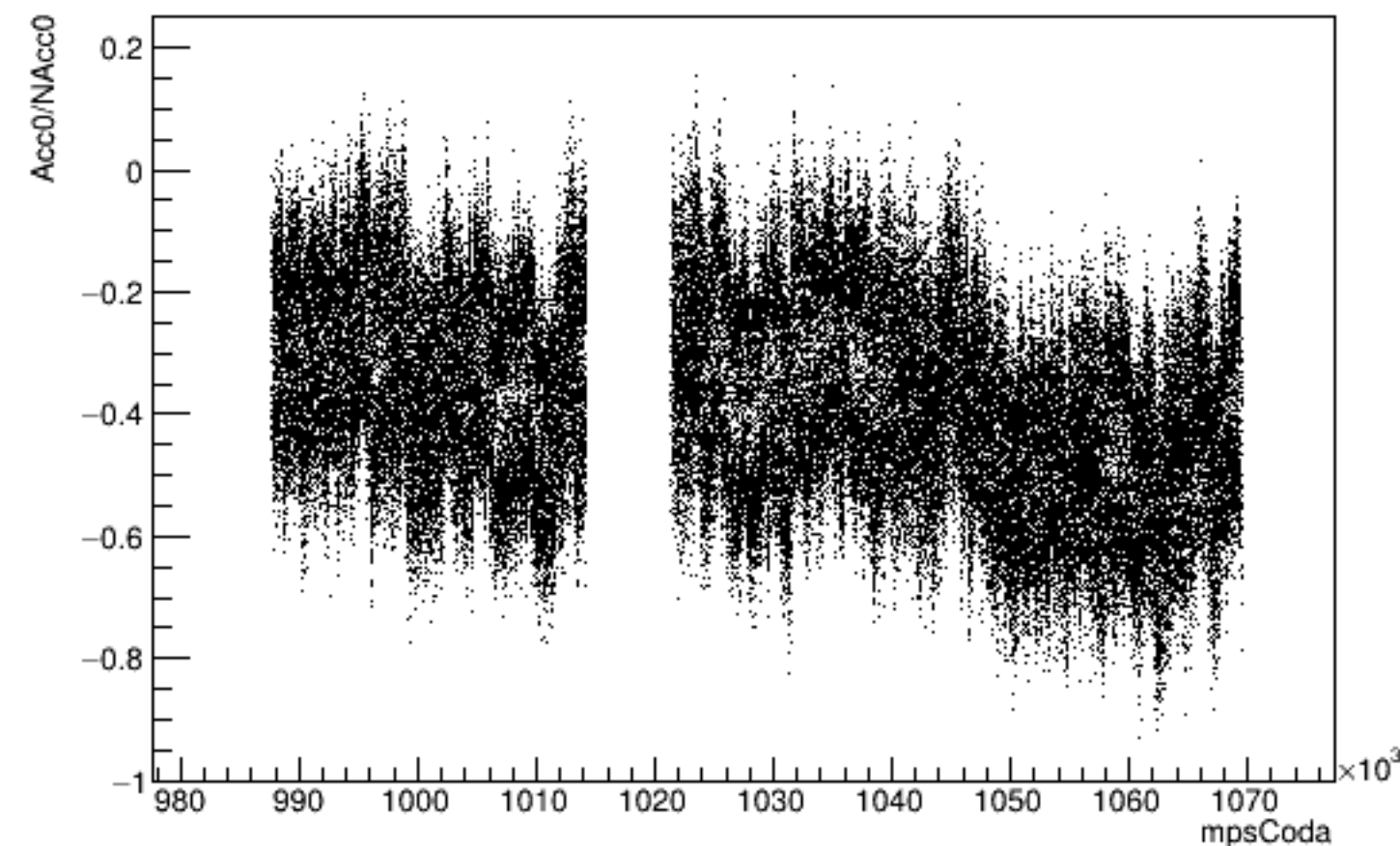
Mean: -0.0272 +/- 0.0230

Std Dev: 1.4289 +/- 0.0163

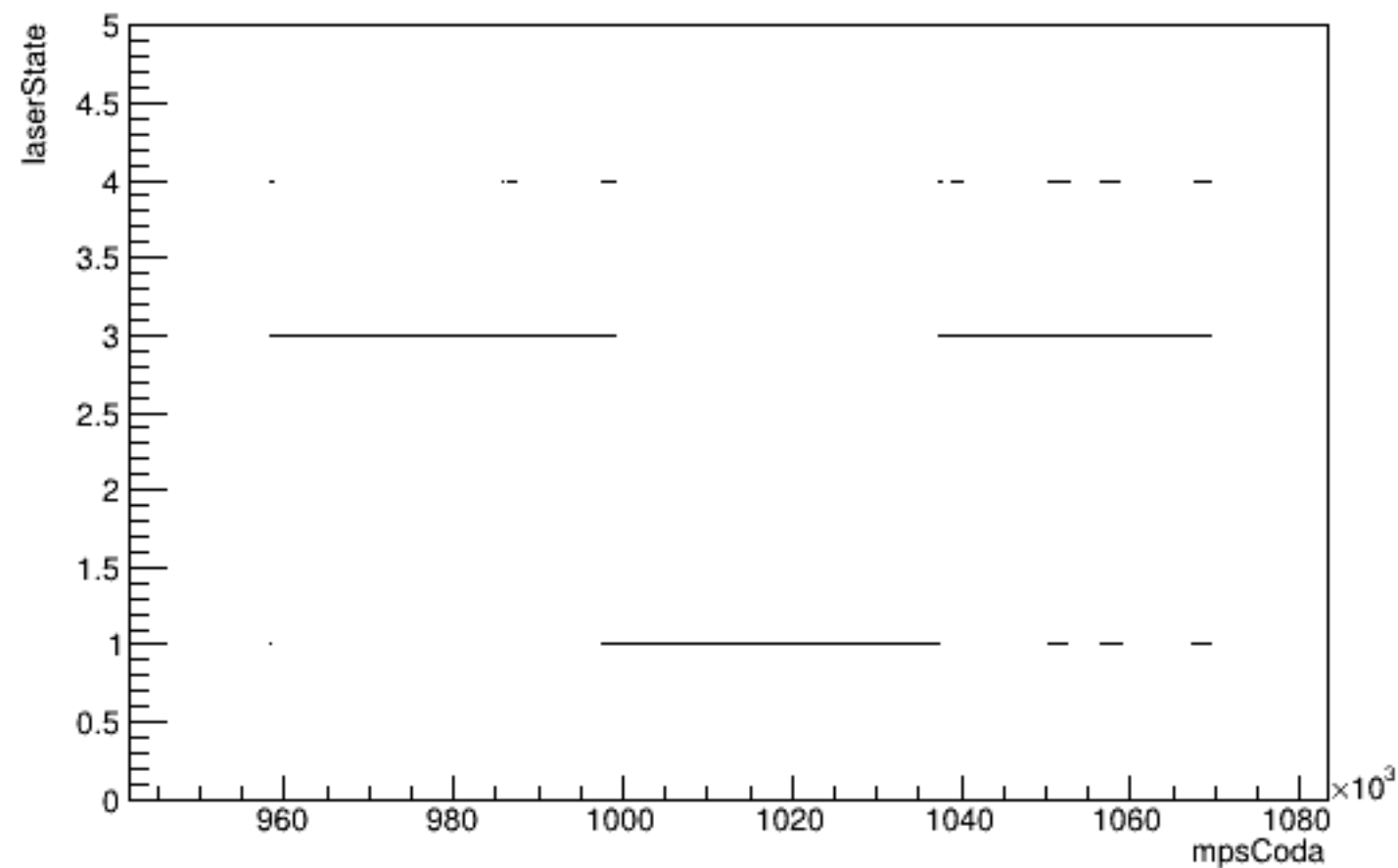
Run 4495 quartetwise, Asyms



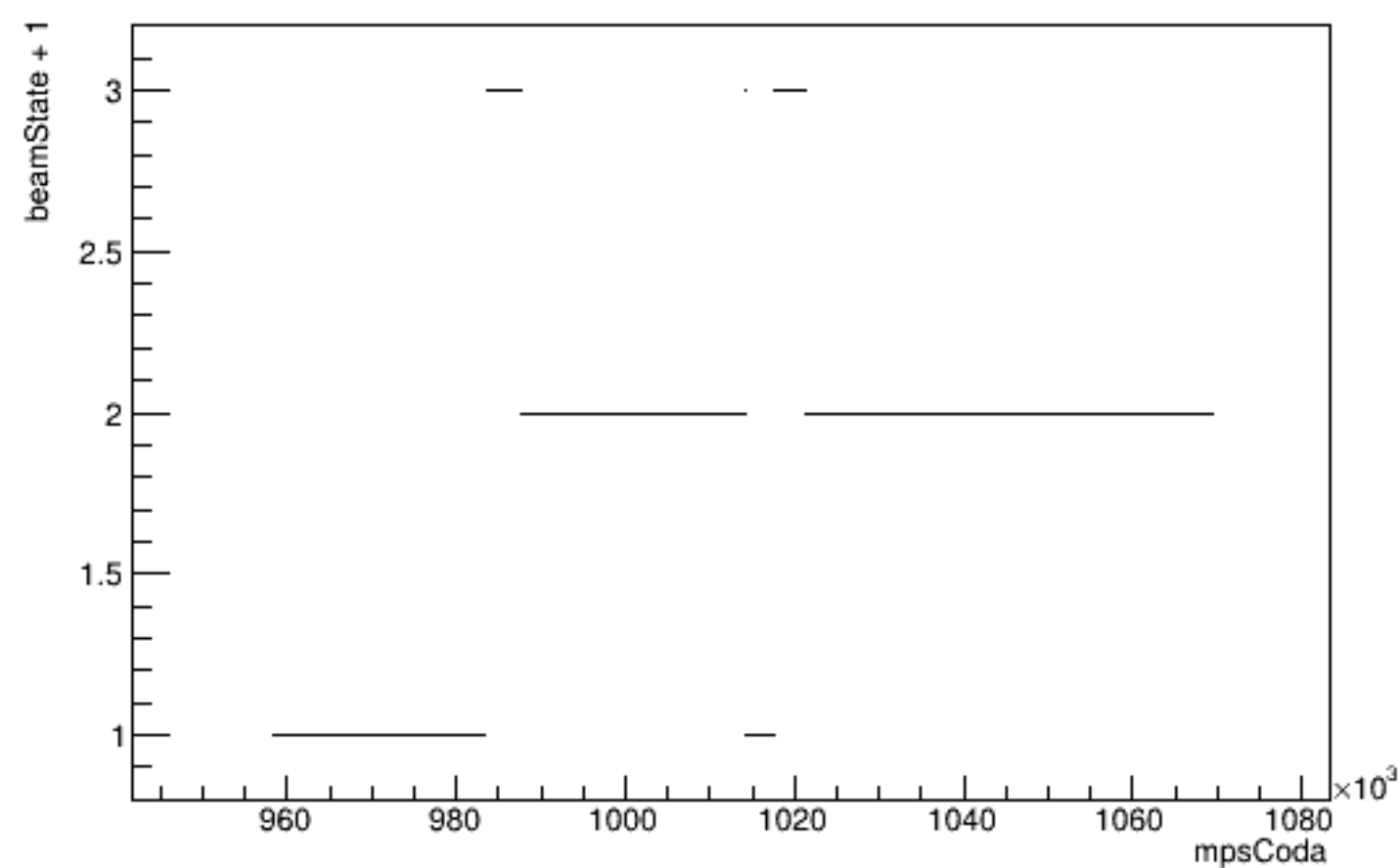
Acc0/NAcc0:mpsCoda (mpsCoda>=958383 && mpsCoda<=1069462 && beamState==1)



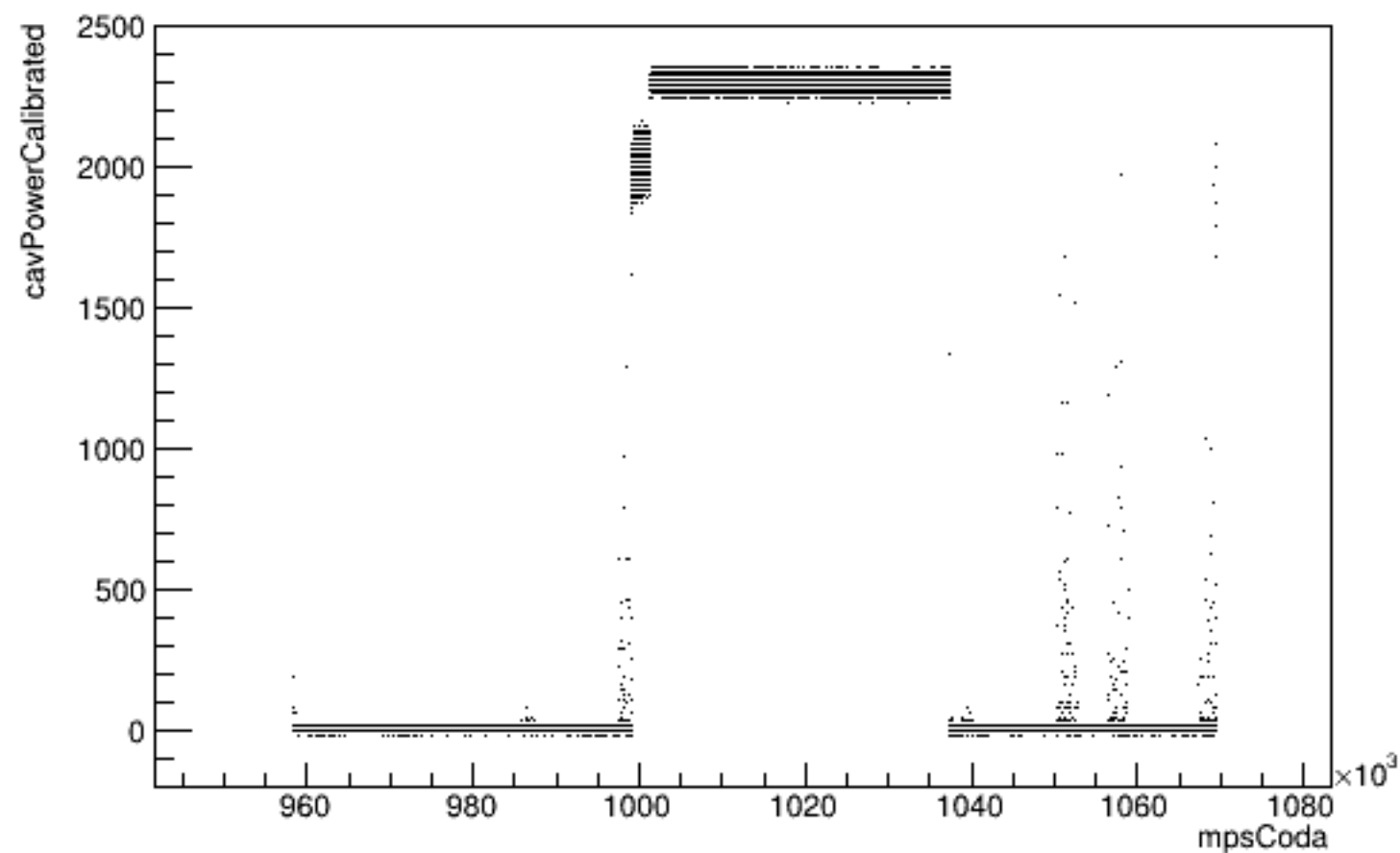
laserState:mpsCoda {mpsCoda>=958383 && mpsCoda<=1069462}



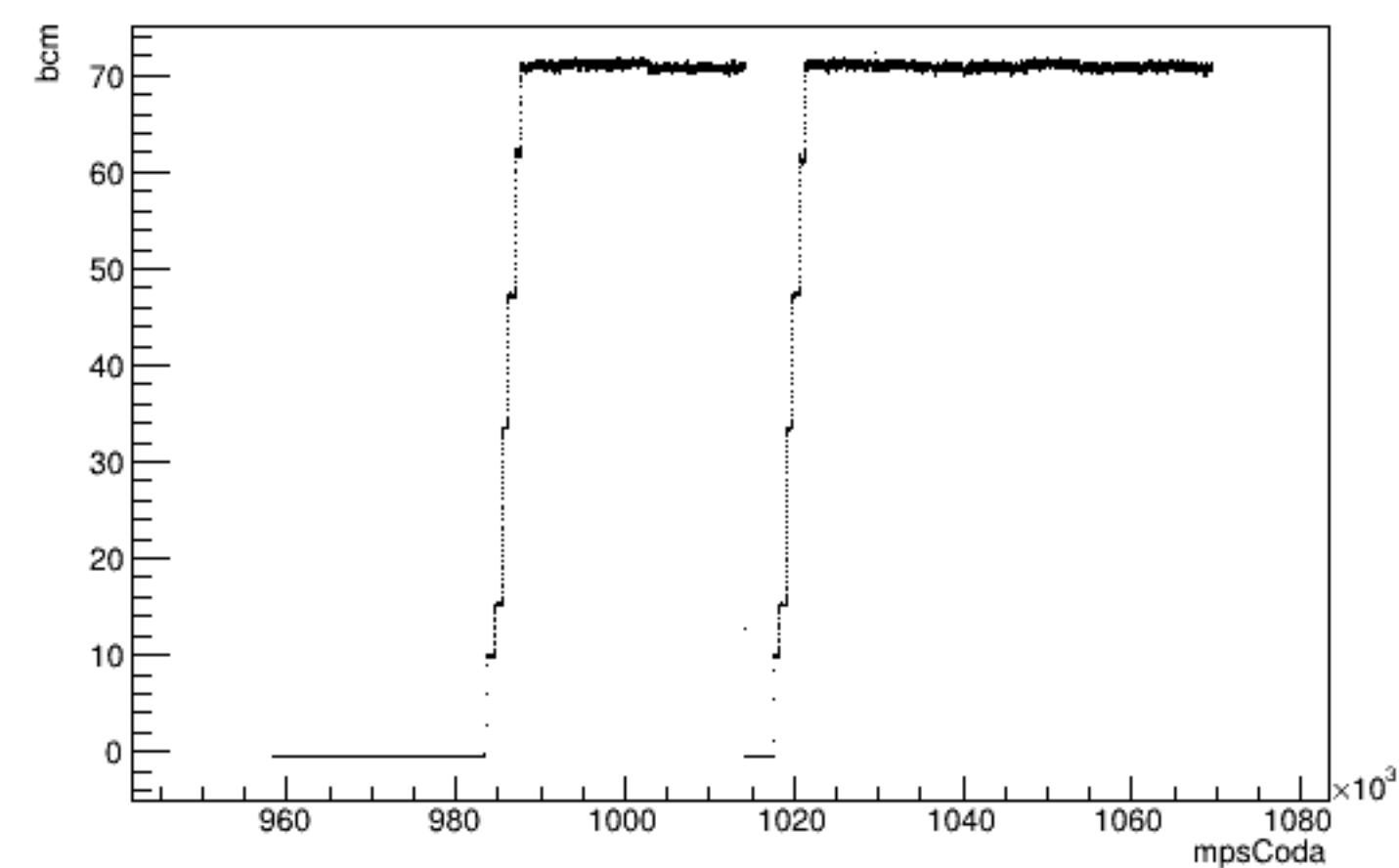
beamState + 1:mpsCoda {mpsCoda>=958383 && mpsCoda<=1069462}



cavPowerCalibrated:mpsCoda {mpsCoda>=958383 && mpsCoda<=1069462}



bcm:mpsCoda {mpsCoda>=958383 && mpsCoda<=1069462}



Cycle 18, Diffs

Entries: 3865

Mean: -0.0008 +/- 0.0007

Std Dev: 0.0439 +/- 0.0005

Entries: 4761

Mean: 0.0002 +/- 0.0006

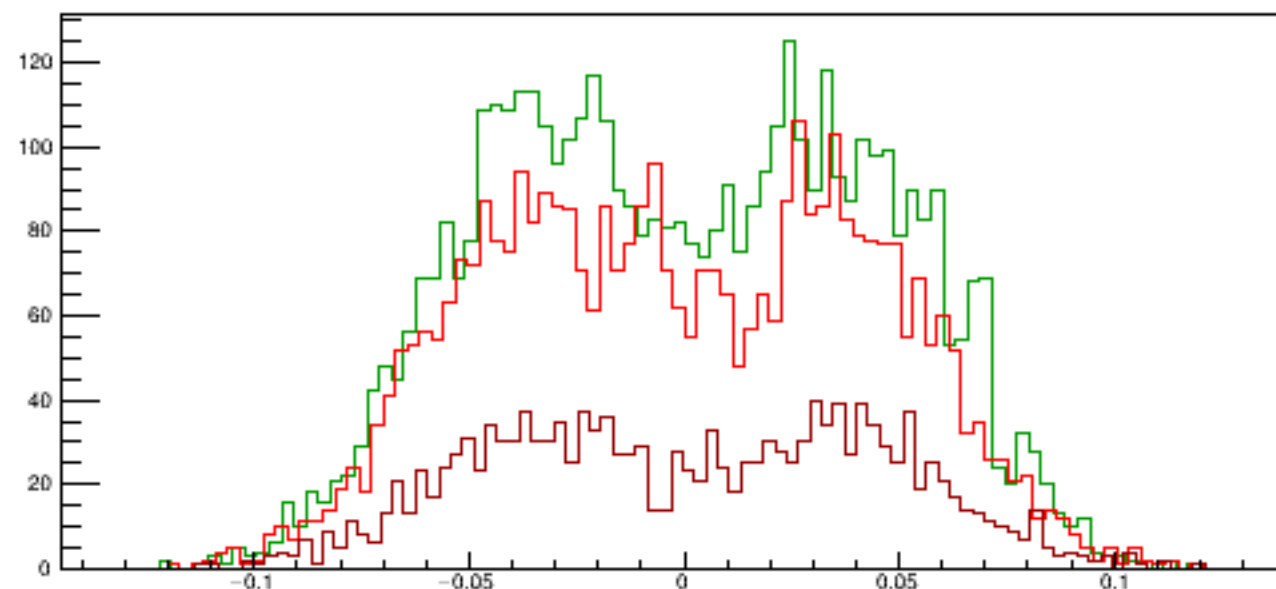
Std Dev: 0.0440 +/- 0.0005

Entries: 1524

Mean: 0.0009 +/- 0.0011

Std Dev: 0.0446 +/- 0.0008

Run 4495 quartetwise, Diffs



Cycle 18, Sums

Entries: 3865

Mean: -0.8653 +/- 0.0029

Std Dev: 0.1817 +/- 0.0021

Entries: 4761

Mean: -0.6414 +/- 0.0032

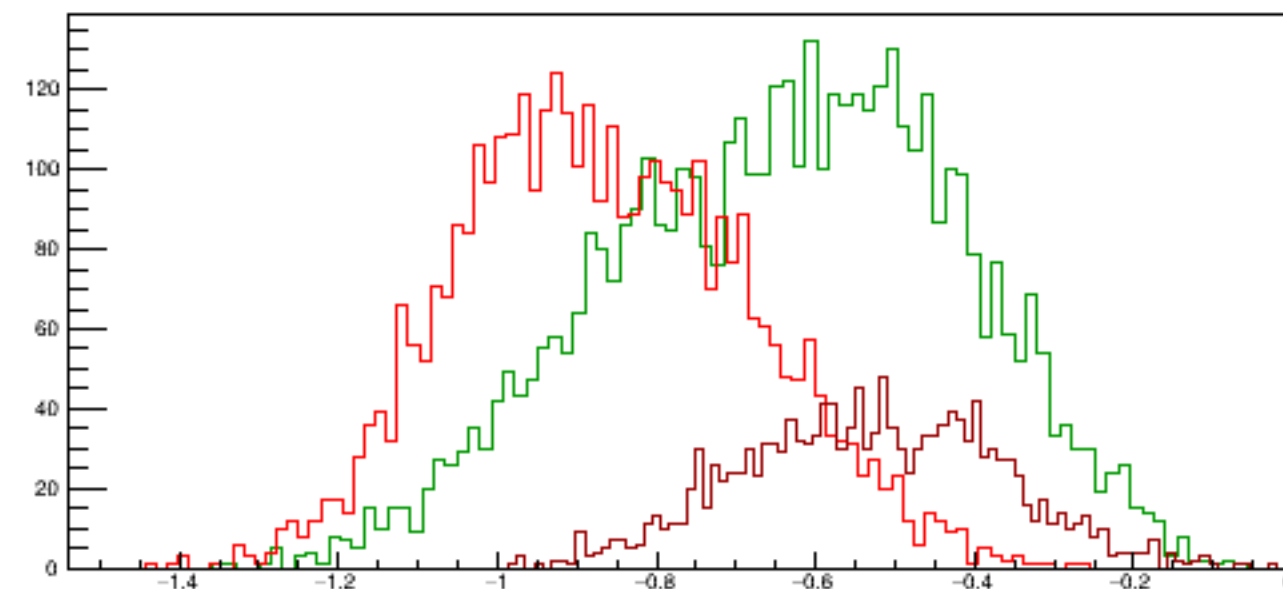
Std Dev: 0.2214 +/- 0.0023

Entries: 1524

Mean: -0.5332 +/- 0.0041

Std Dev: 0.1618 +/- 0.0029

Run 4495 quartetwise, Sums



Cycle 18, Asyms

Entries: 3865

Mean: -0.0144 +/- 0.0122

Std Dev: 0.7584 +/- 0.0086

Entries: 4761

Mean: -0.0349 +/- 0.2557

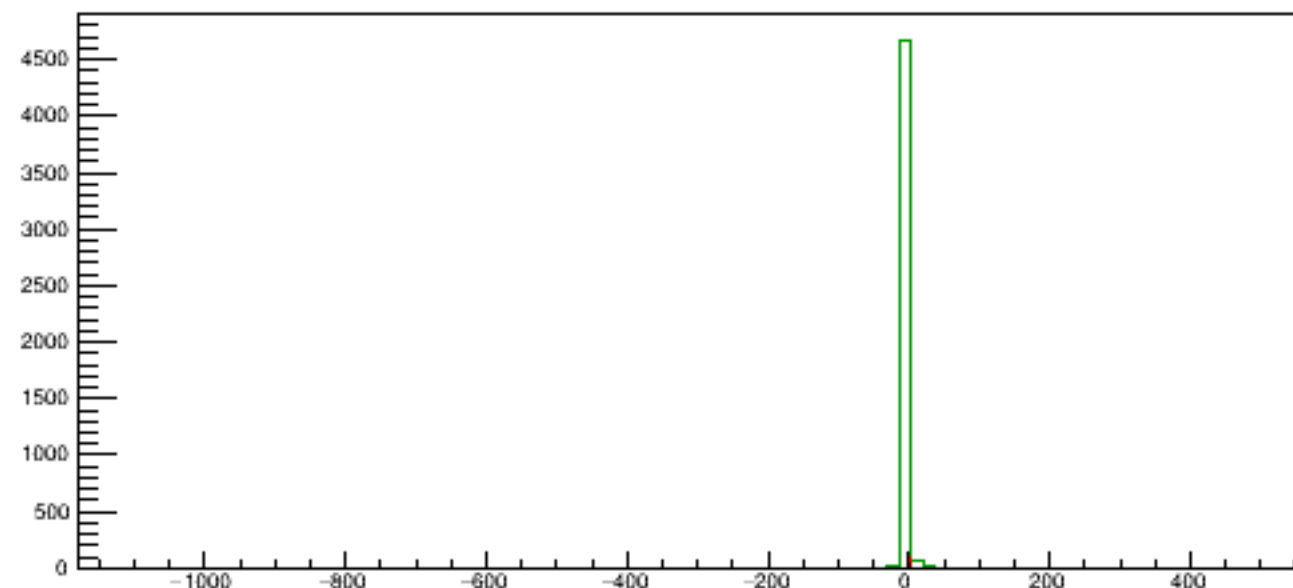
Std Dev: 17.6424 +/- 0.1808

Entries: 1524

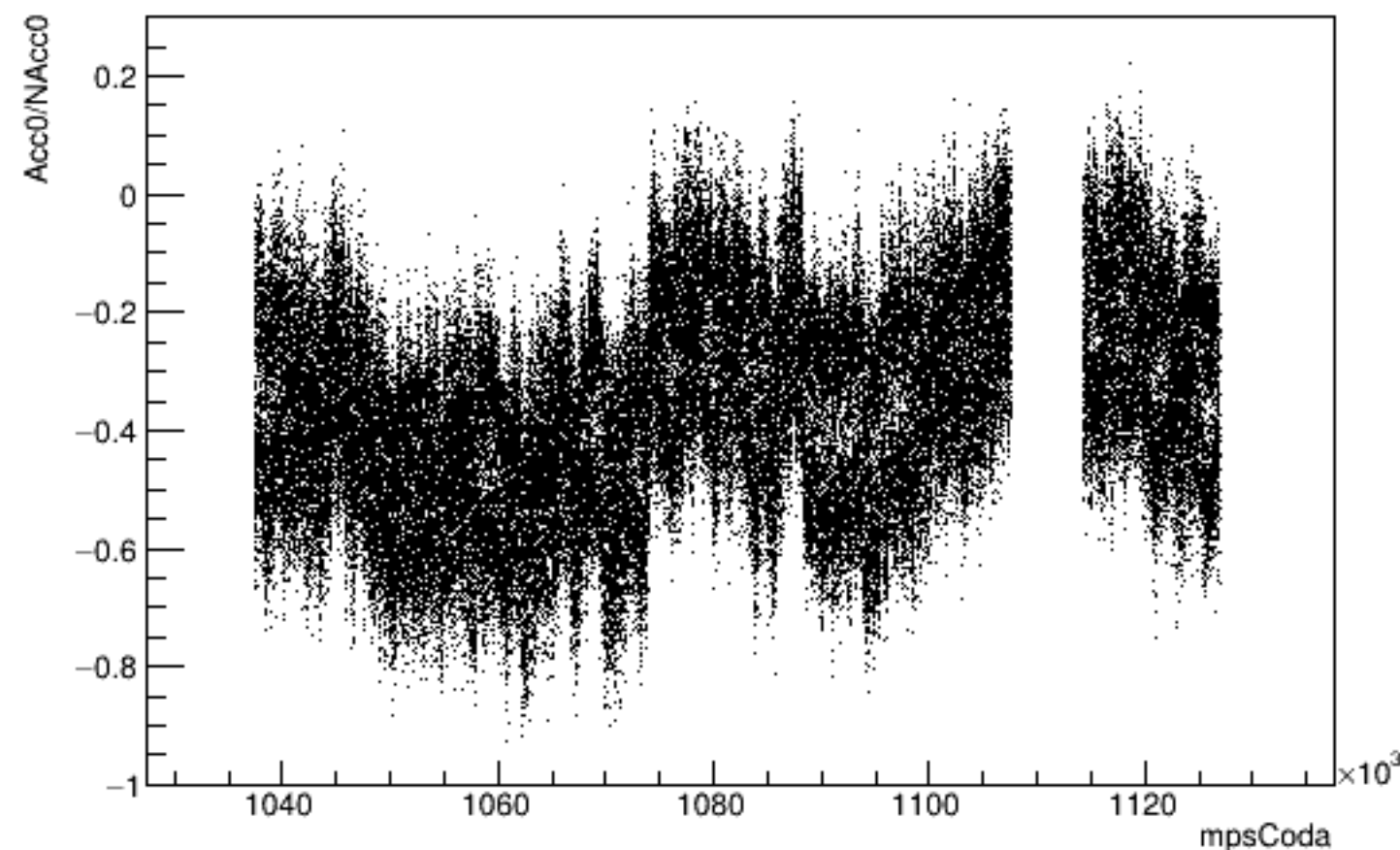
Mean: 0.0157 +/- 0.0198

Std Dev: 0.7717 +/- 0.0140

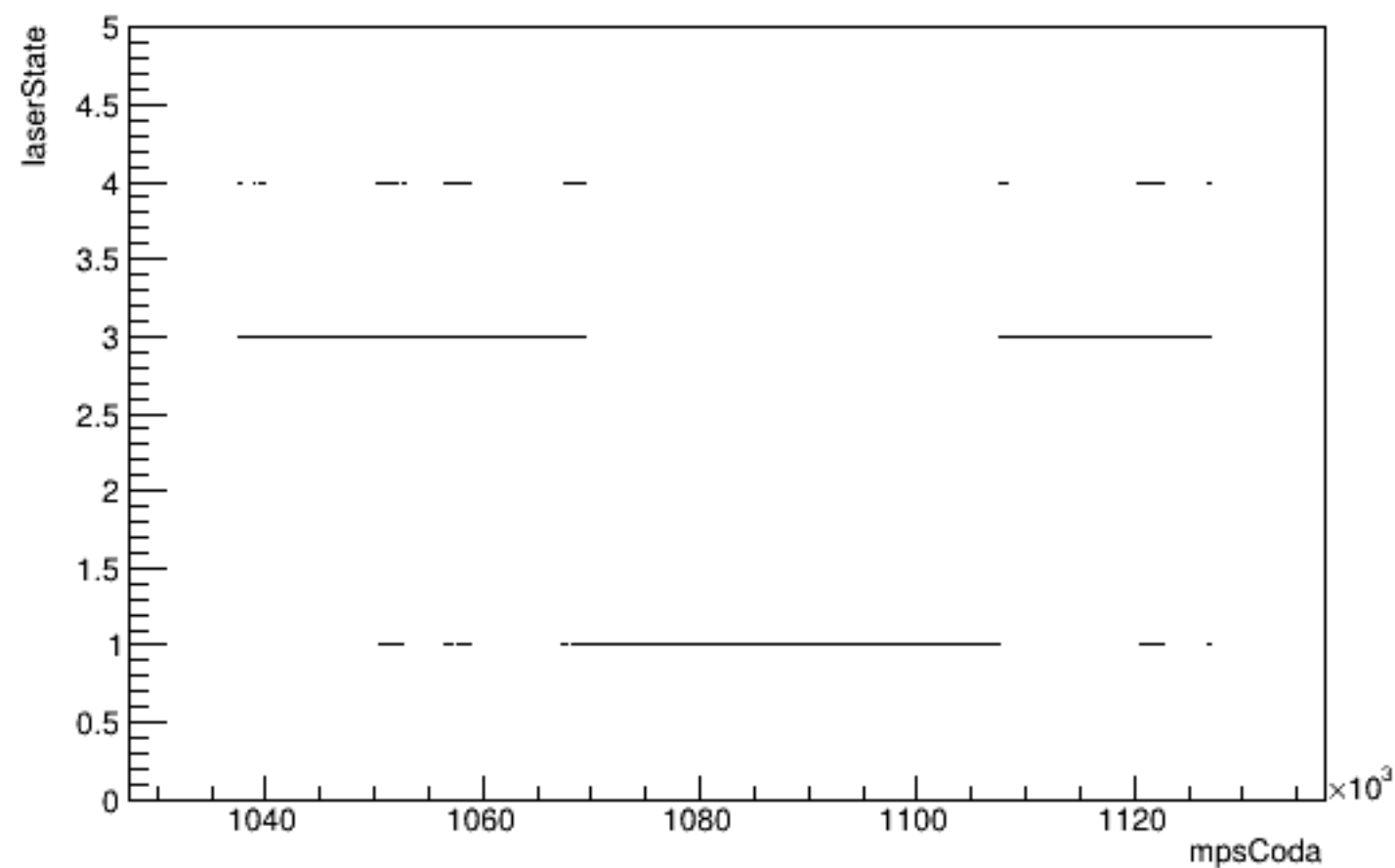
Run 4495 quartetwise, Asyms



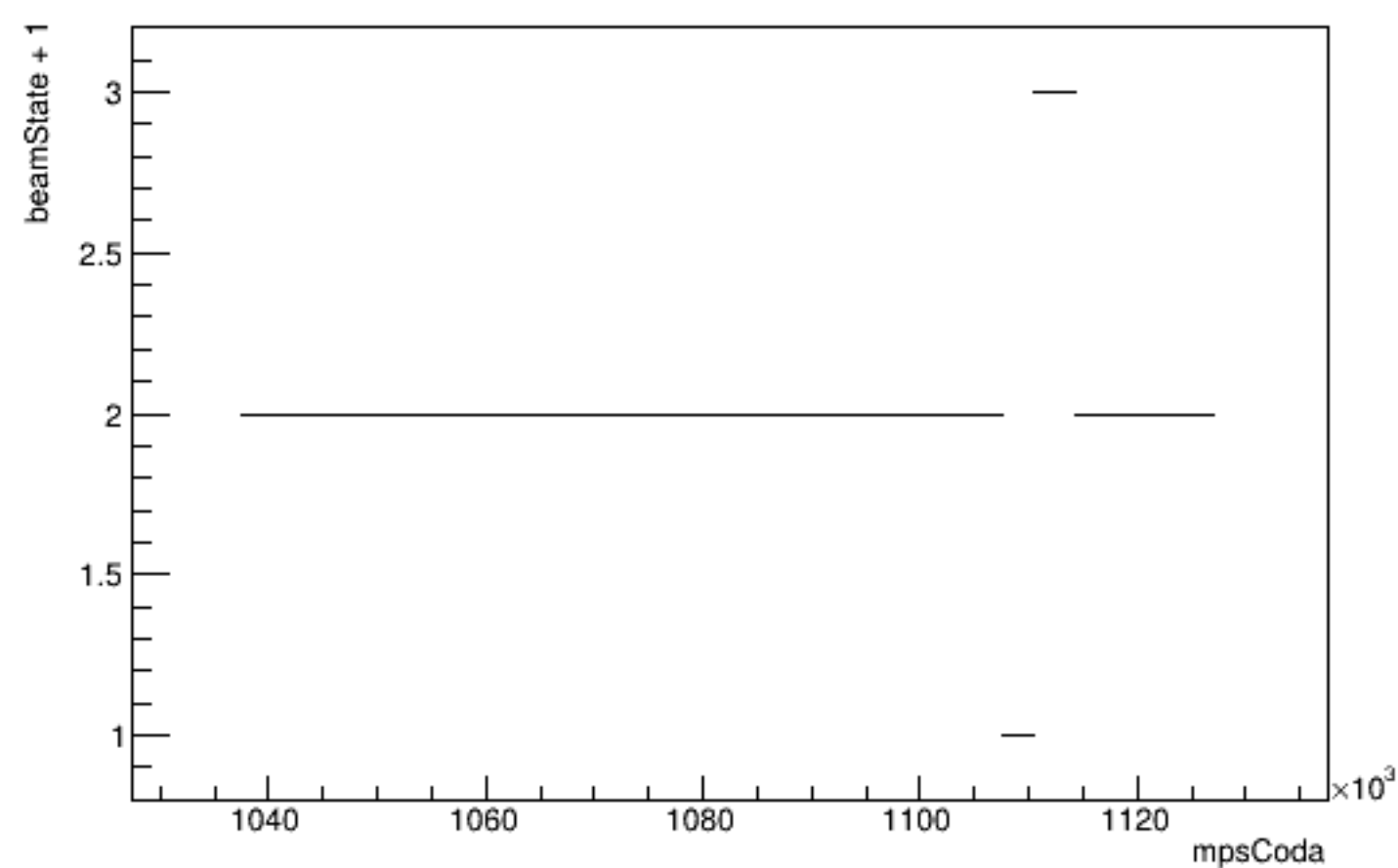
Acc0/NAcc0:mpsCoda (mpsCoda>=1037399 && mpsCoda<=1126934 && beamState==1)



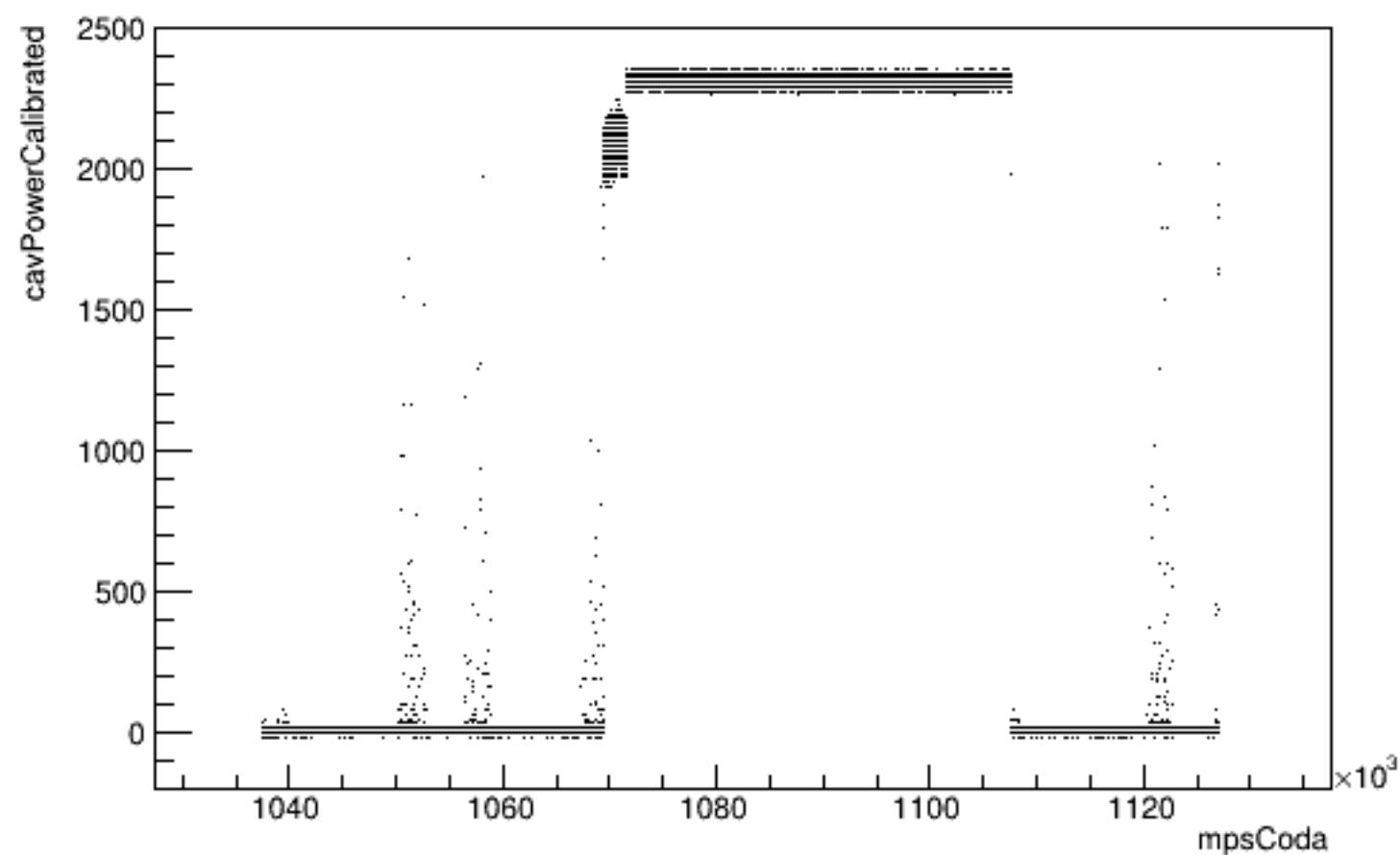
laserState:mpsCoda {mpsCoda>=1037399 && mpsCoda<=1126934}



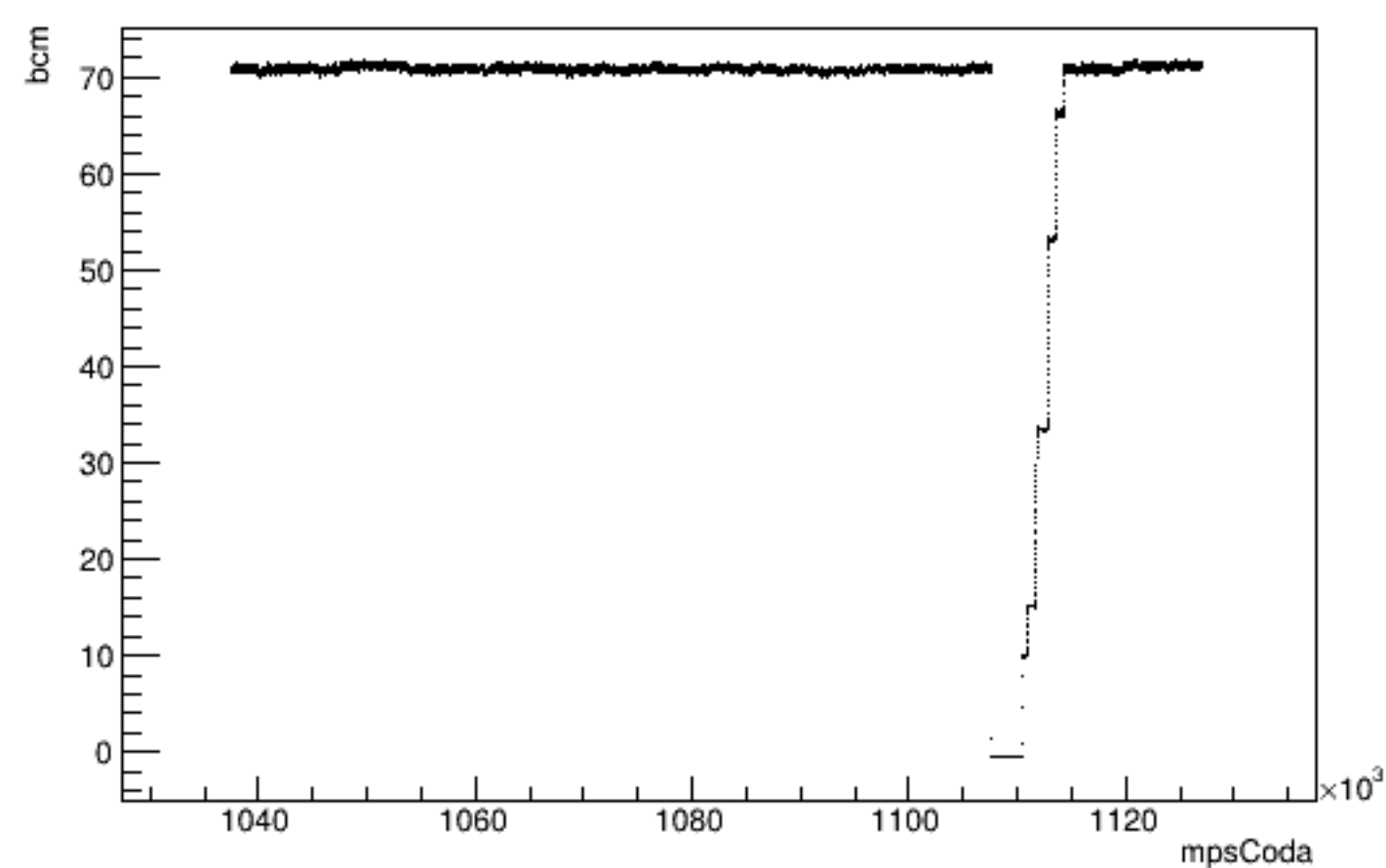
beamState + 1:mpsCoda {mpsCoda>=1037399 && mpsCoda<=1126934}



cavPowerCalibrated:mpsCoda {mpsCoda>=1037399 && mpsCoda<=1126934}



bcm:mpsCoda {mpsCoda>=1037399 && mpsCoda<=1126934}



Cycle 19, Diffs

Entries: 1524

Mean: 0.0009 +/- 0.0011

Std Dev: 0.0446 +/- 0.0008

Entries: 1759

Mean: 0.0001 +/- 0.0010

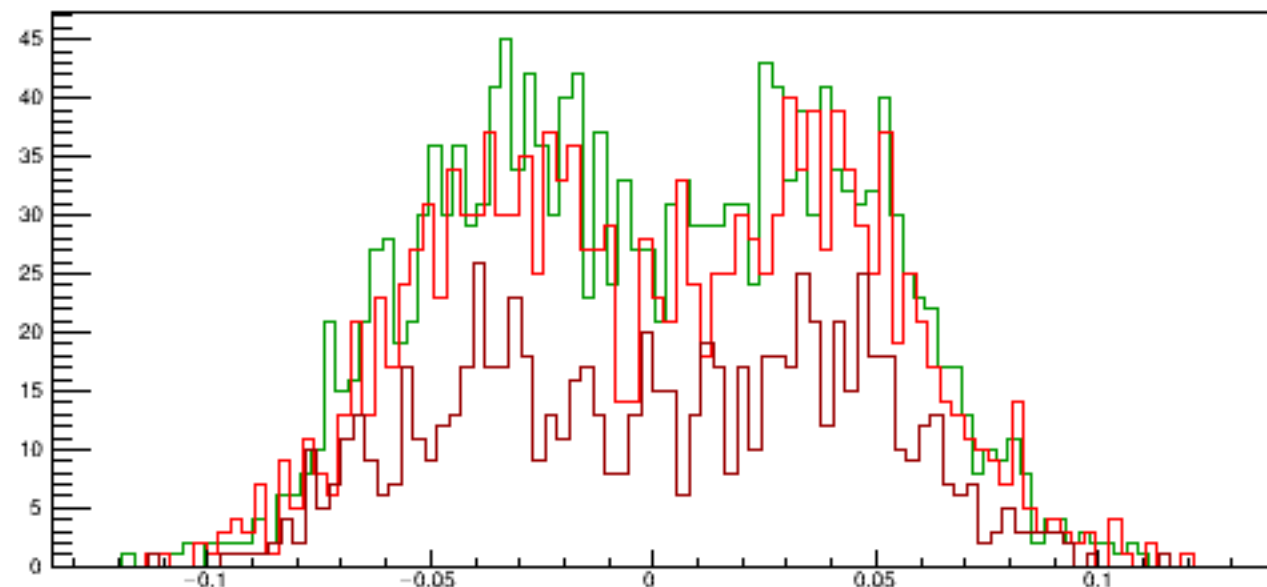
Std Dev: 0.0437 +/- 0.0007

Entries: 807

Mean: 0.0014 +/- 0.0015

Std Dev: 0.0438 +/- 0.0011

Run 4495 quartetwise, Diffs



Cycle 19, Sums

Entries: 1524

Mean: -0.5332 +/- 0.0041

Std Dev: 0.1618 +/- 0.0029

Entries: 1759

Mean: -0.4766 +/- 0.0034

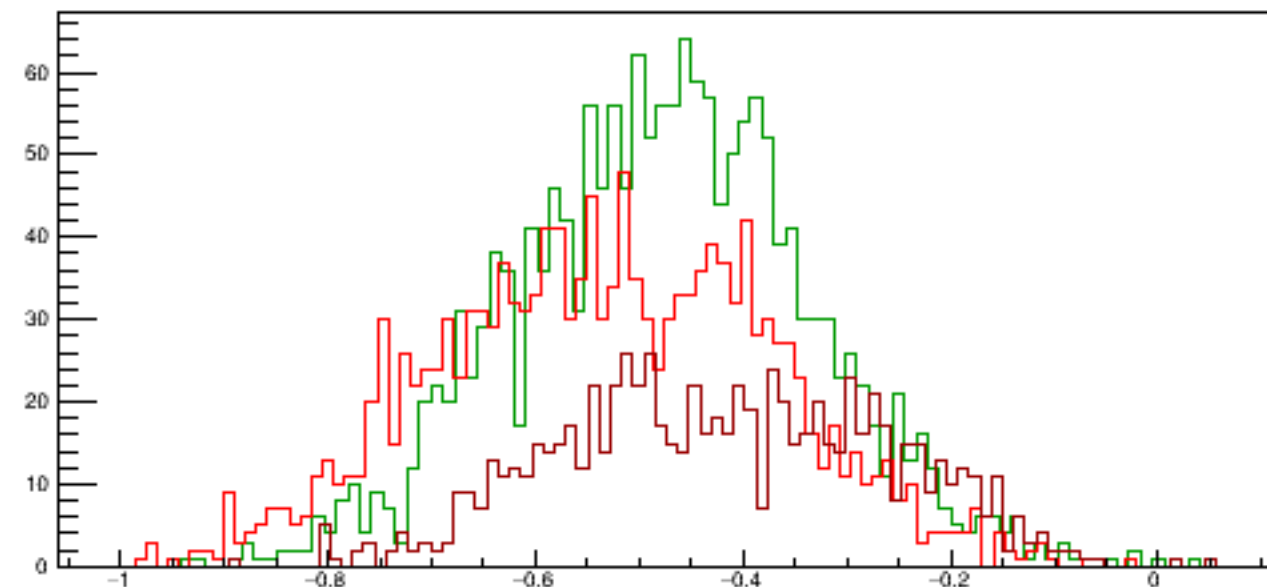
Std Dev: 0.1430 +/- 0.0024

Entries: 807

Mean: -0.4188 +/- 0.0055

Std Dev: 0.1567 +/- 0.0039

Run 4495 quartetwise, Sums



Cycle 19, Asyms

Entries: 1524

Mean: -1.4967 +/- 1.8902

Std Dev: 73.7920 +/- 1.3366

Entries: 1759

Mean: 0.1567 +/- 0.3088

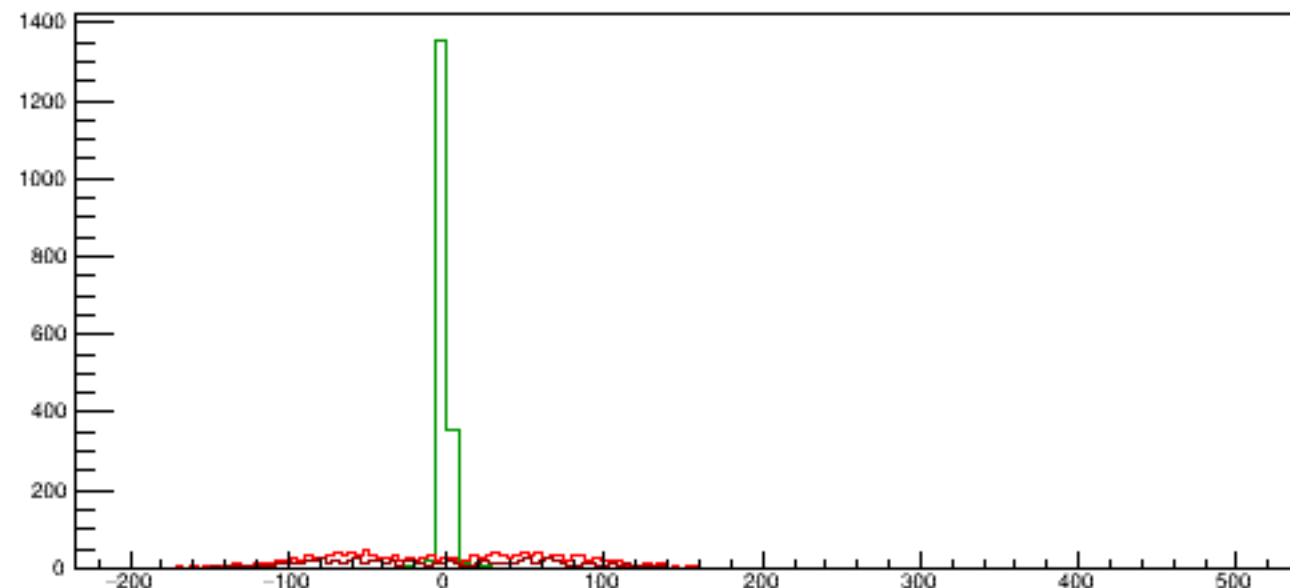
Std Dev: 12.9517 +/- 0.2184

Entries: 807

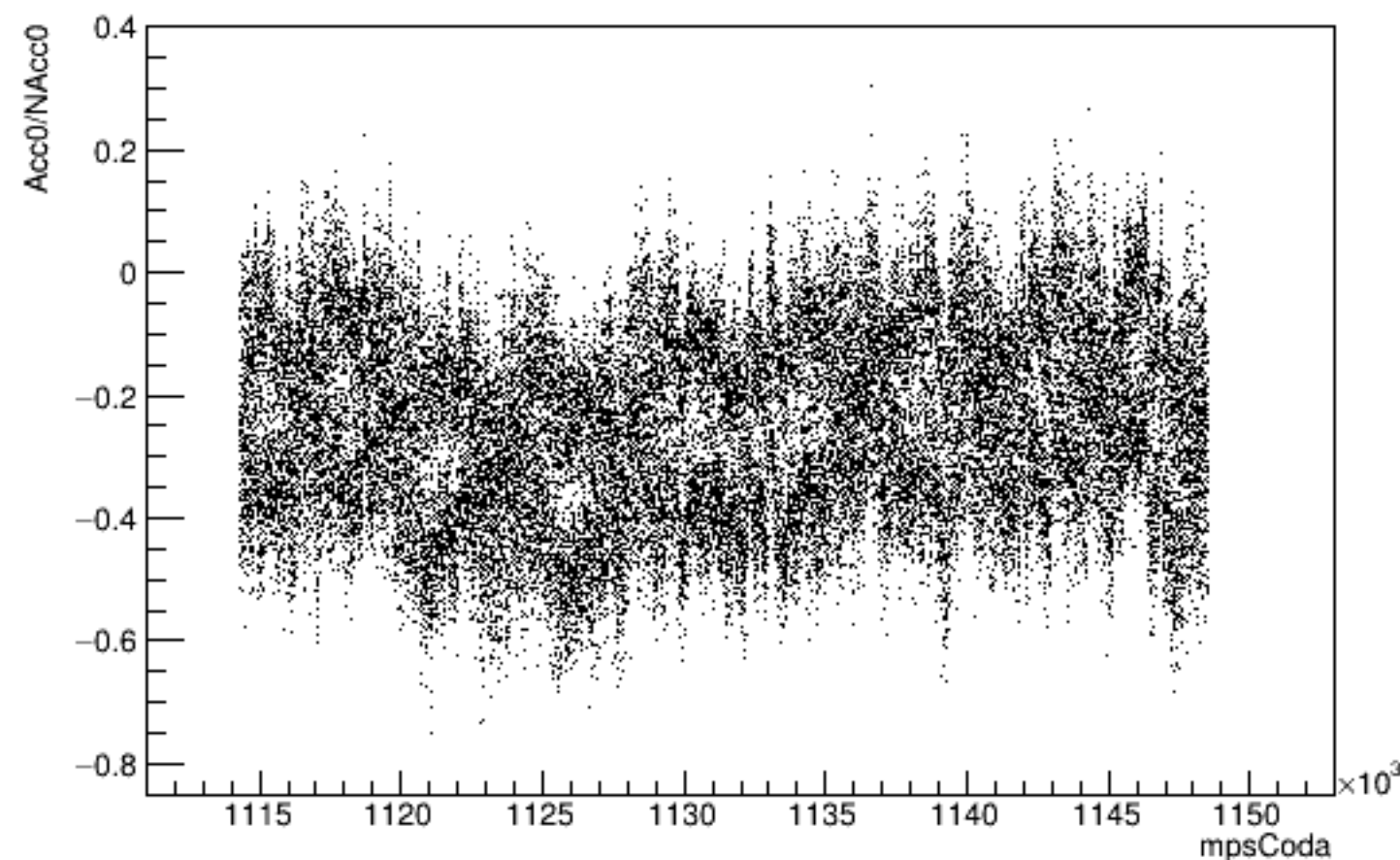
Mean: -2.3080 +/- 2.5488

Std Dev: 72.4054 +/- 1.8023

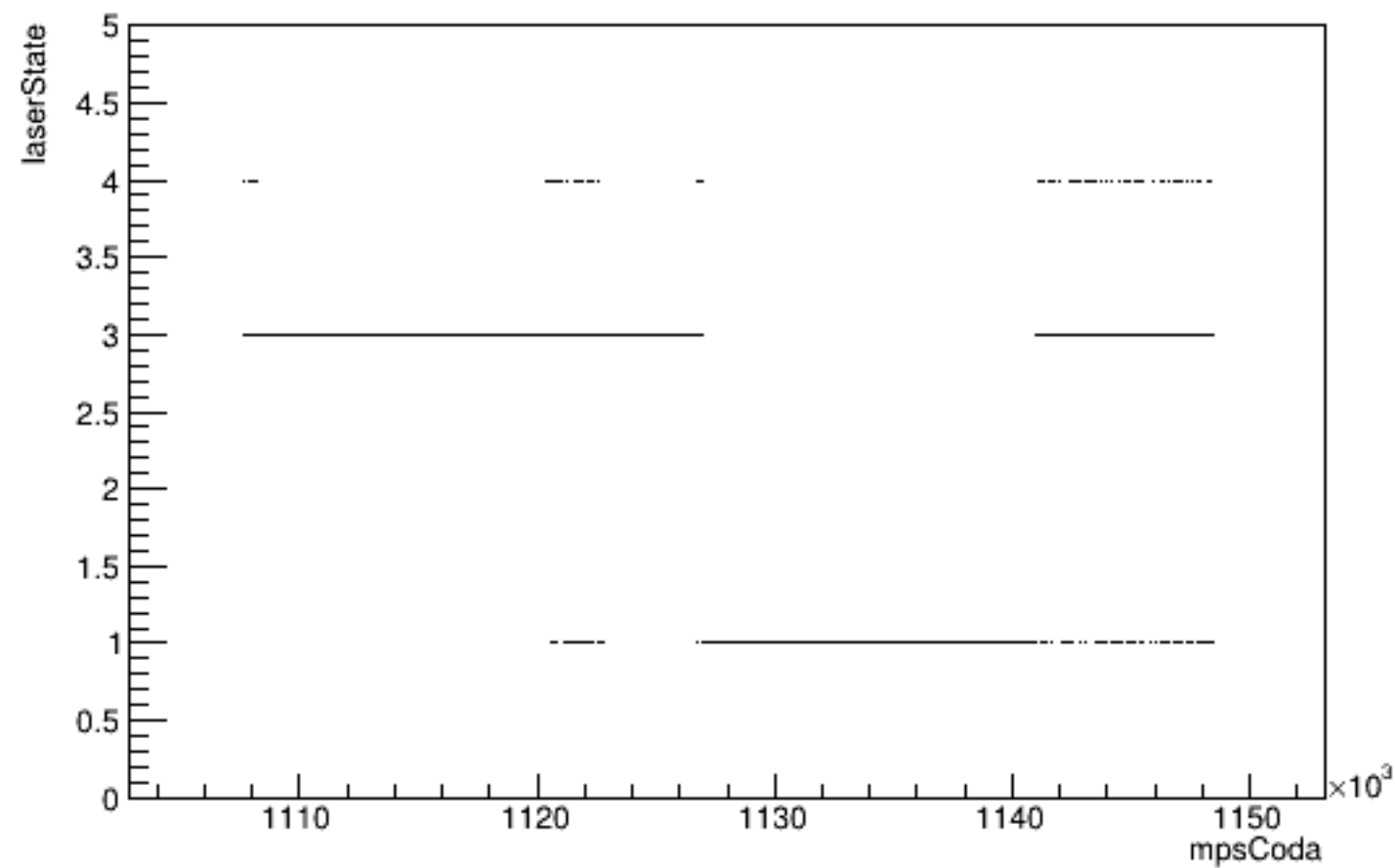
Run 4495 quartetwise, Asyms



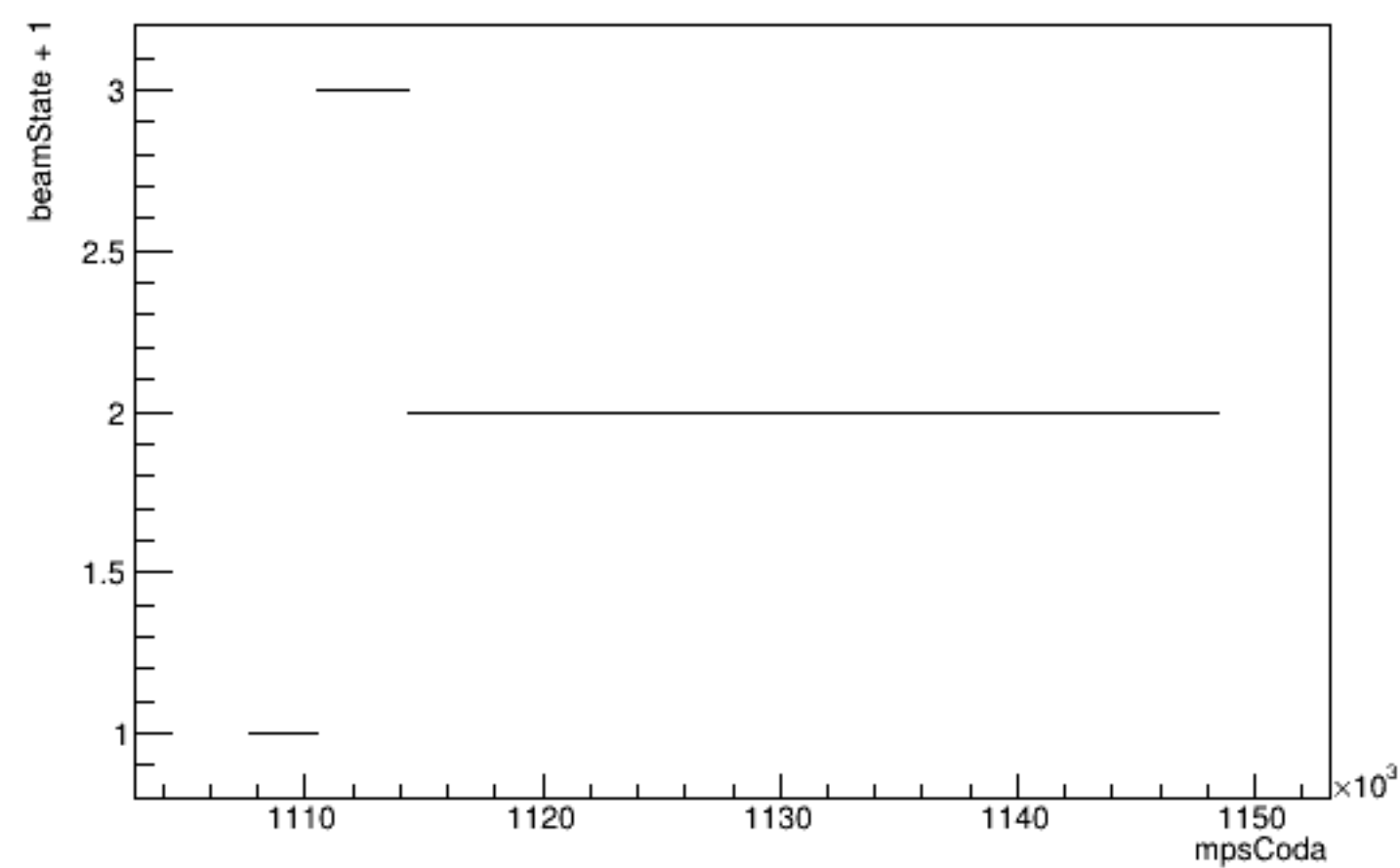
Acc0/NAcc0:mpsCoda (mpsCoda>=1107591 && mpsCoda<=1148510 && beamState==1)



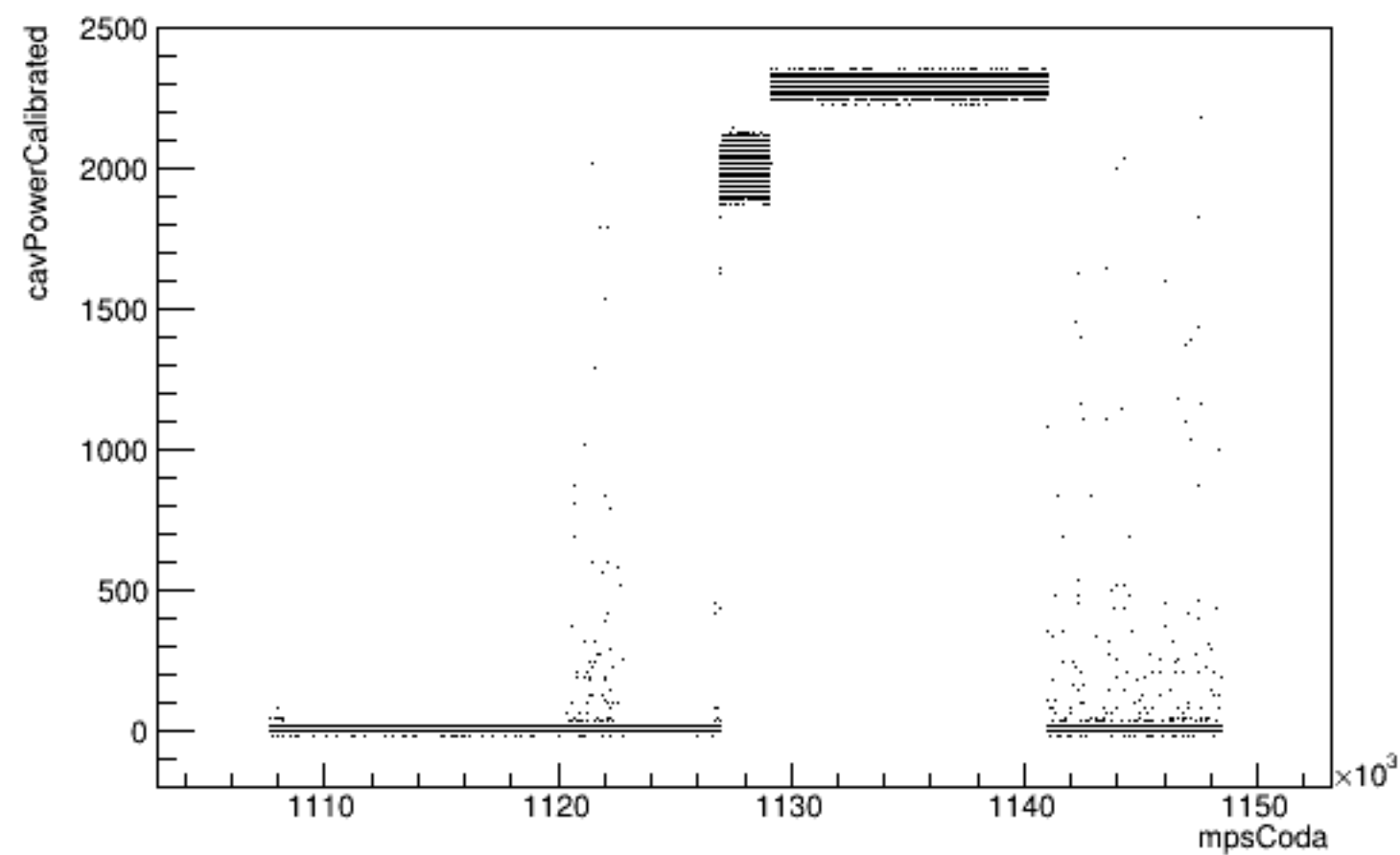
laserState:mpsCoda {mpsCoda>=1107591 && mpsCoda<=1148510}



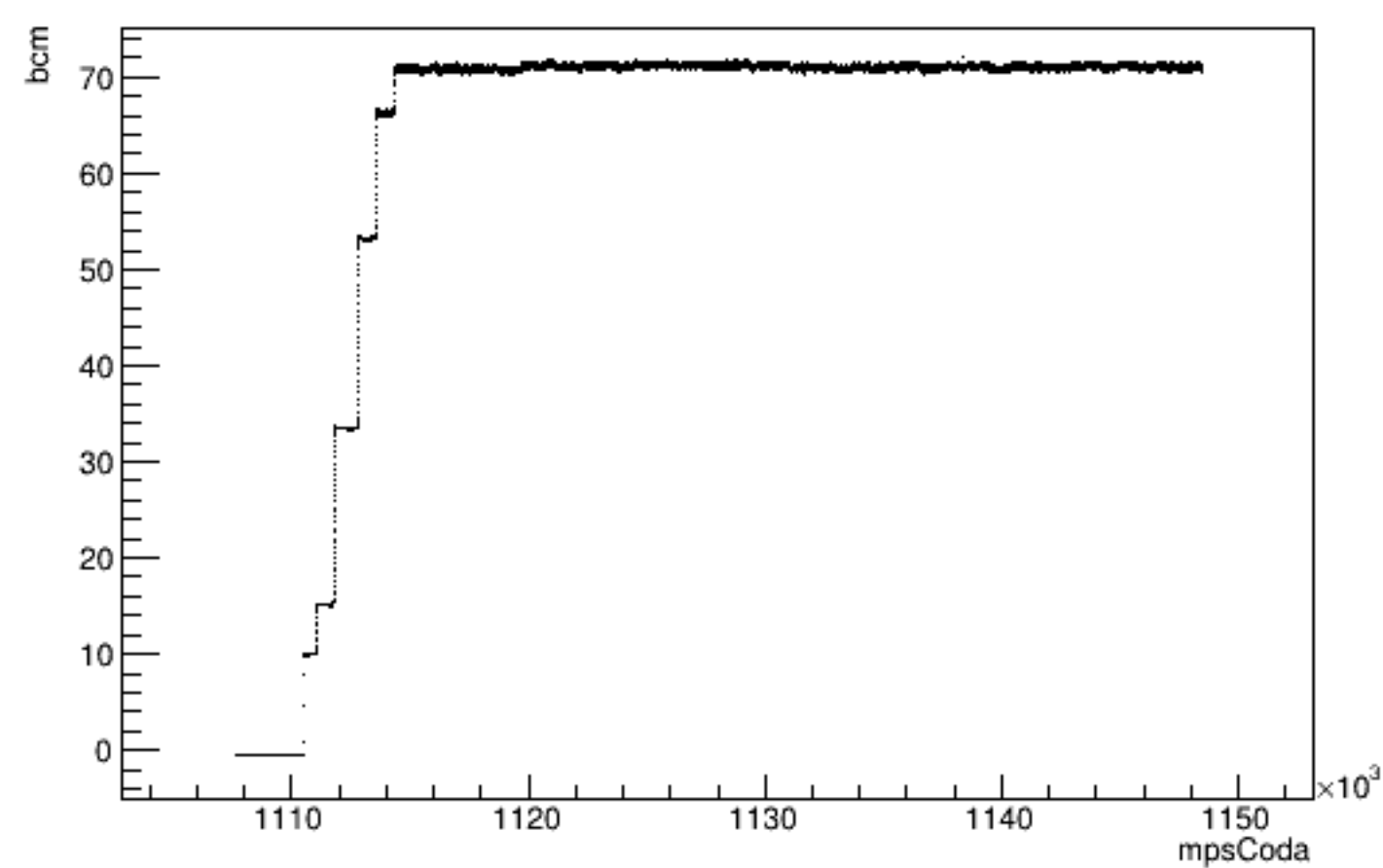
beamState + 1:mpsCoda {mpsCoda>=1107591 && mpsCoda<=1148510}



cavPowerCalibrated:mpsCoda {mpsCoda>=1107591 && mpsCoda<=1148510}



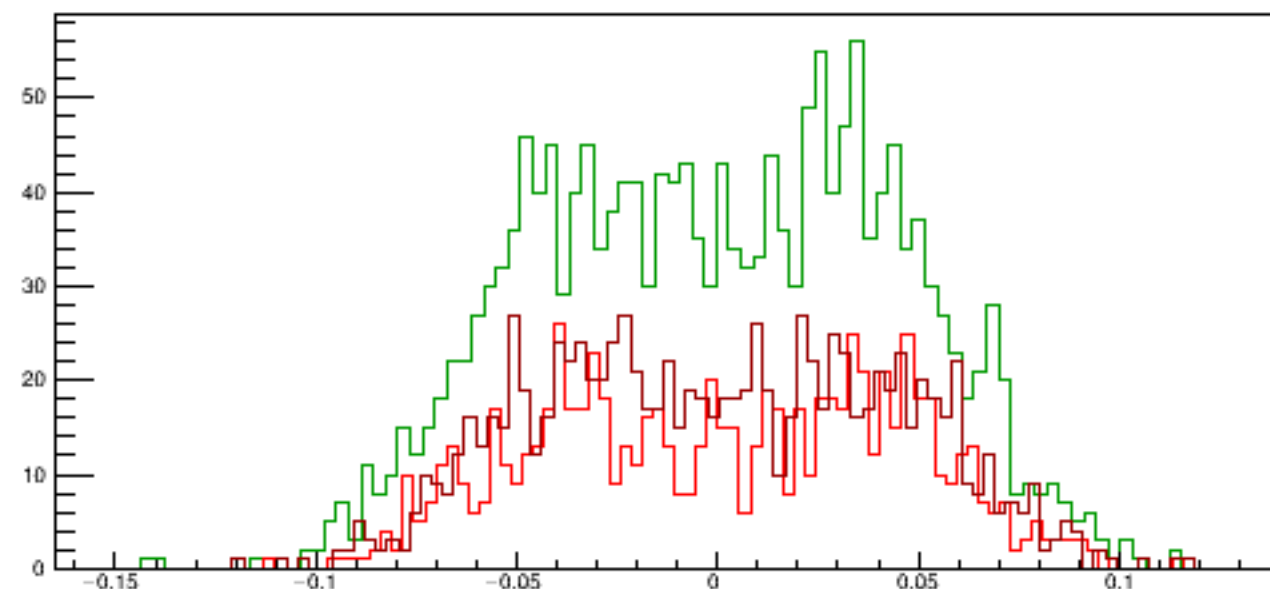
bcm:mpsCoda {mpsCoda>=1107591 && mpsCoda<=1148510}



Cycle 20, Diffs

Entries: 807	Entries: 1818	Entries: 1011
Mean: 0.0014 +/- 0.0015	Mean: -0.0005 +/- 0.0010	Mean: 0.0002 +/- 0.0014
Std Dev: 0.0438 +/- 0.0011	Std Dev: 0.0442 +/- 0.0007	Std Dev: 0.0436 +/- 0.0010

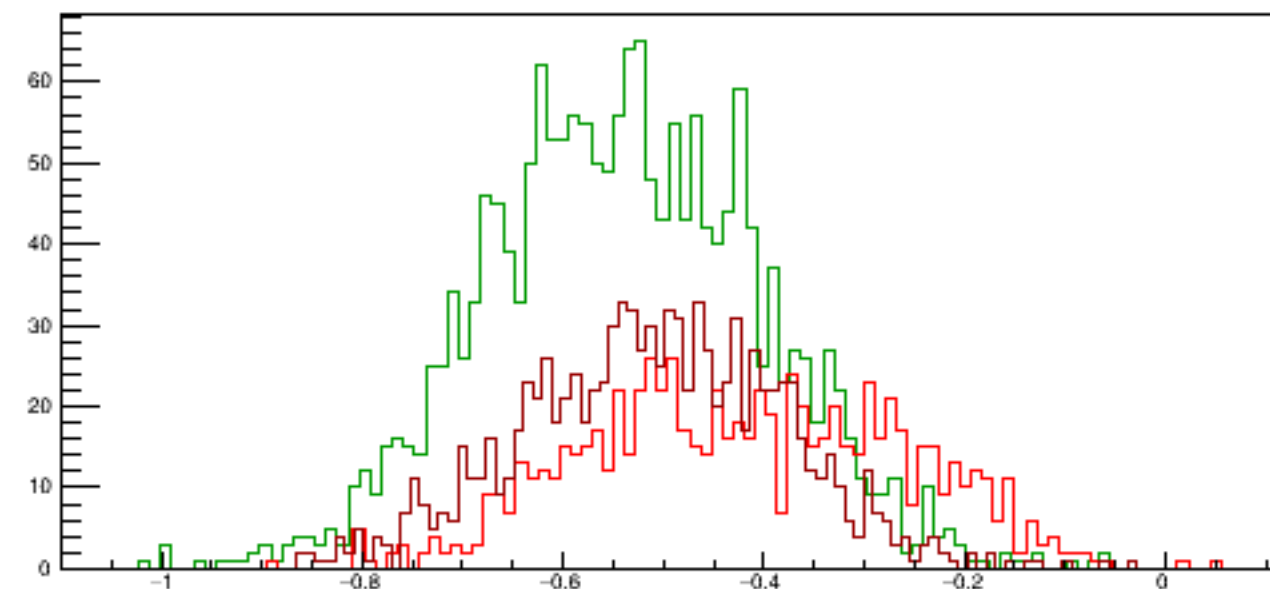
Run 4495 quartetwise, Diffs



Cycle 20, Sums

Entries: 807	Entries: 1818	Entries: 1011
Mean: -0.4188 +/- 0.0055	Mean: -0.5399 +/- 0.0033	Mean: -0.5098 +/- 0.0041
Std Dev: 0.1567 +/- 0.0039	Std Dev: 0.1390 +/- 0.0023	Std Dev: 0.1305 +/- 0.0029

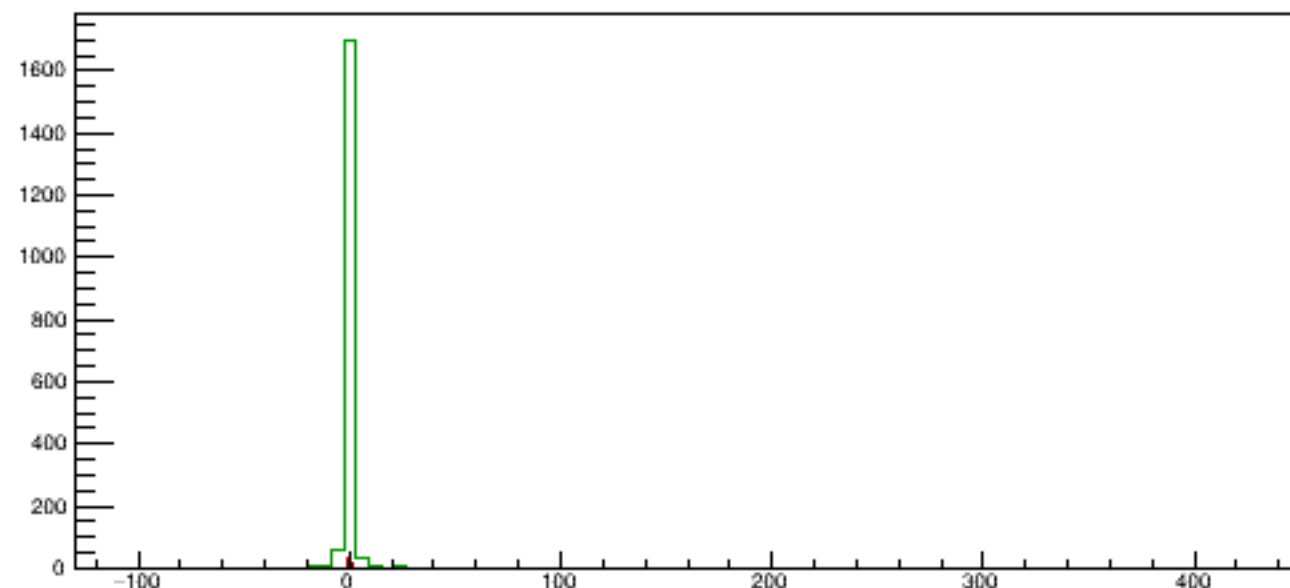
Run 4495 quartetwise, Sums



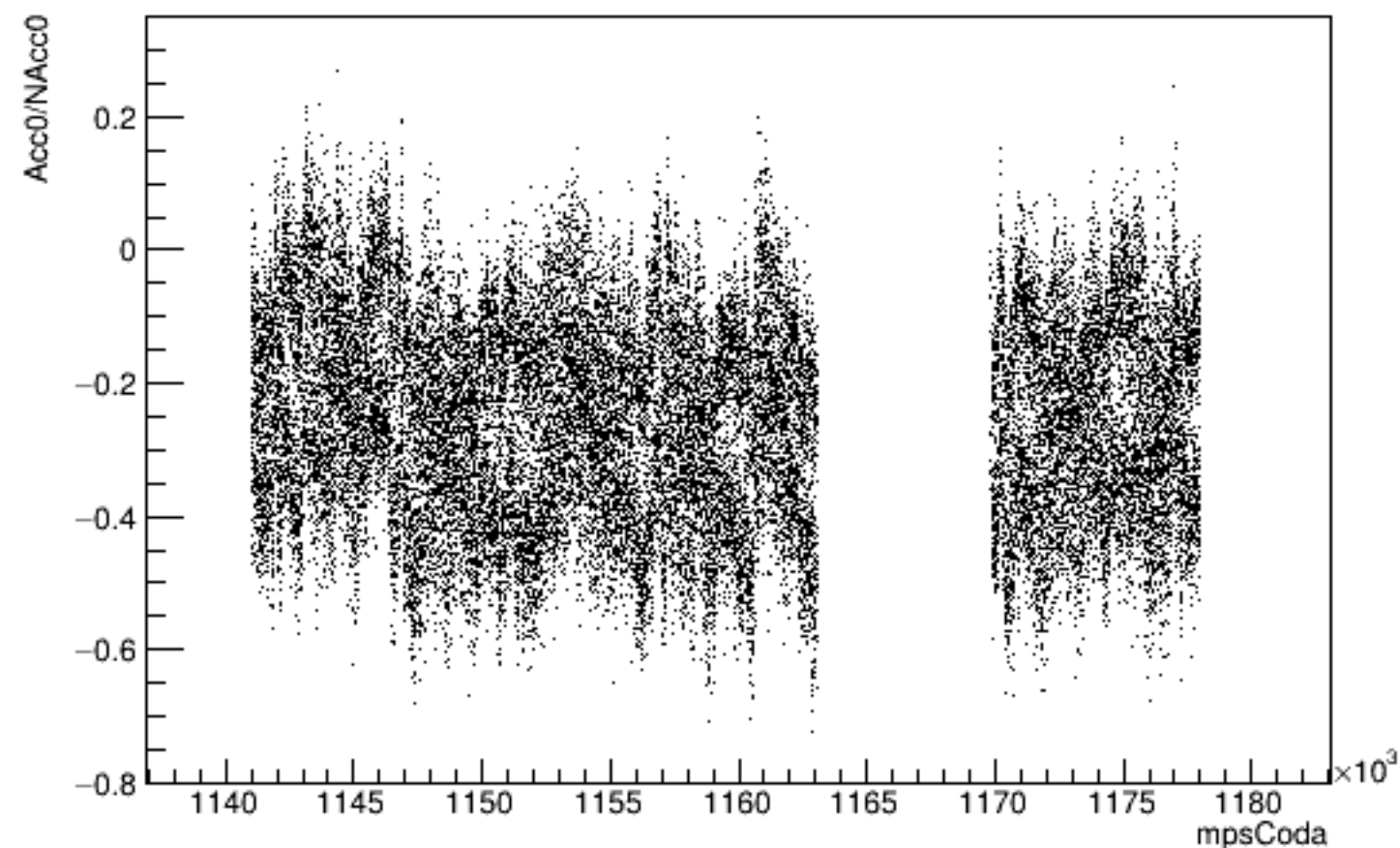
Cycle 20, Asyms

Entries: 807	Entries: 1818	Entries: 1011
Mean: -0.0185 +/- 0.0204	Mean: 0.2483 +/- 0.2402	Mean: -0.0020 +/- 0.0181
Std Dev: 0.5796 +/- 0.0144	Std Dev: 10.2415 +/- 0.1698	Std Dev: 0.5763 +/- 0.0128

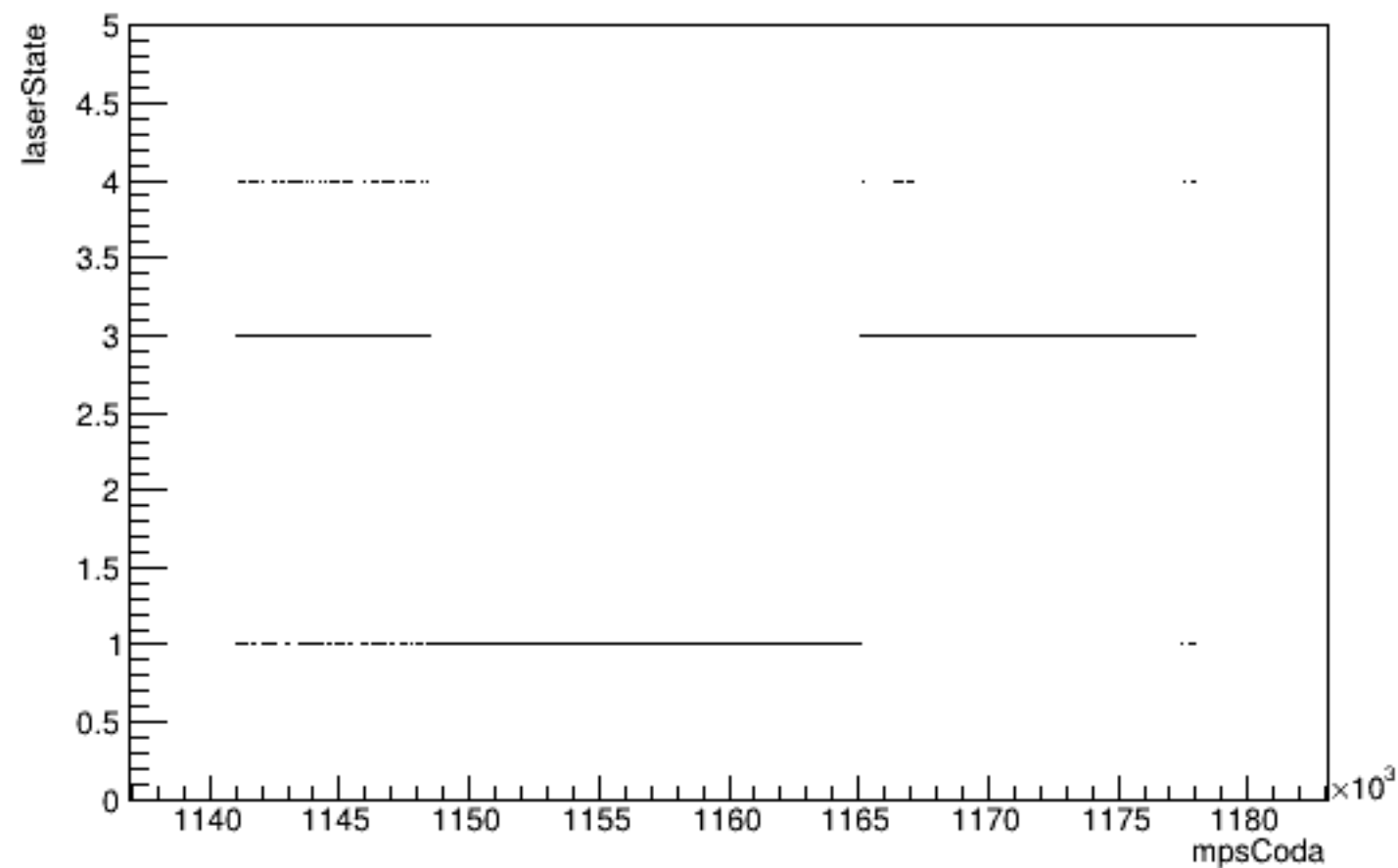
Run 4495 quartetwise, Asyms



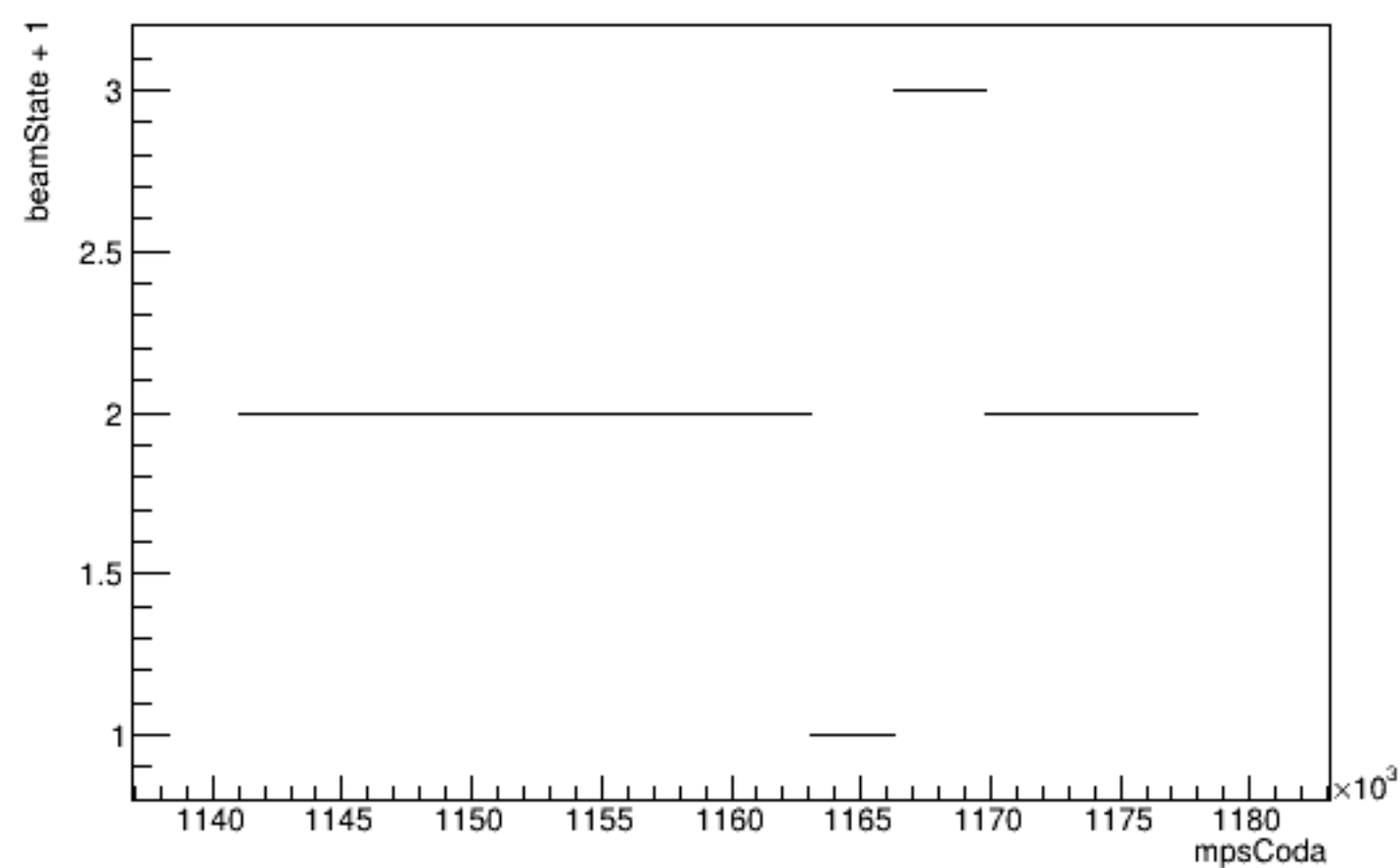
Acc0/NAcc0:mpsCoda (mpsCoda>=1141015 && mpsCoda<=1177990 && beamState==1)



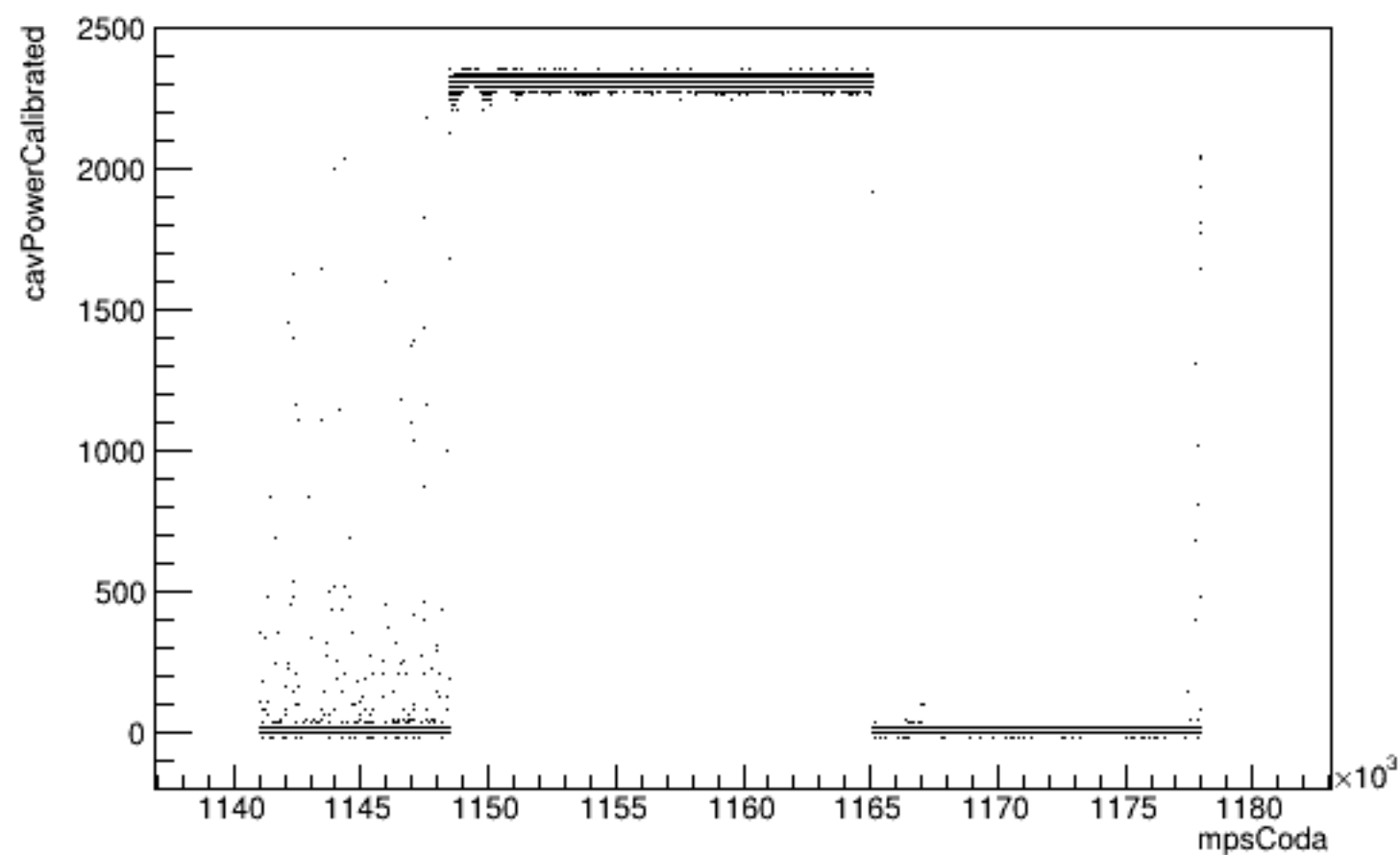
laserState:mpsCoda {mpsCoda>=1141015 && mpsCoda<=1177990}



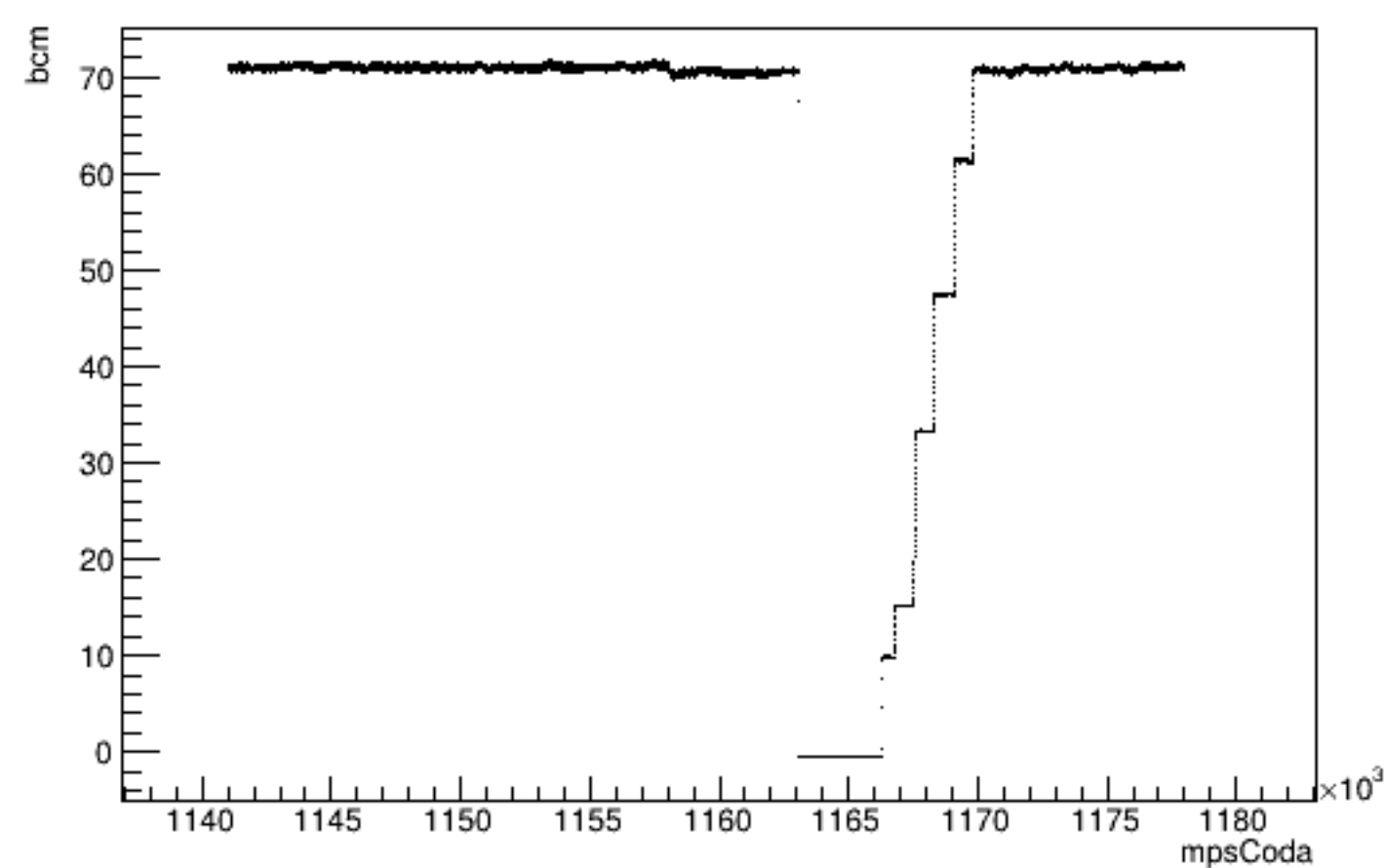
beamState + 1:mpsCoda {mpsCoda>=1141015 && mpsCoda<=1177990}



cavPowerCalibrated:mpsCoda {mpsCoda>=1141015 && mpsCoda<=1177990}



bcm:mpsCoda {mpsCoda>=1141015 && mpsCoda<=1177990}



Cycle 21, Diffs

Entries: 1011

Mean: 0.0002 +/- 0.0014

Std Dev: 0.0436 +/- 0.0010

Entries: 4729

Mean: -0.0005 +/- 0.0006

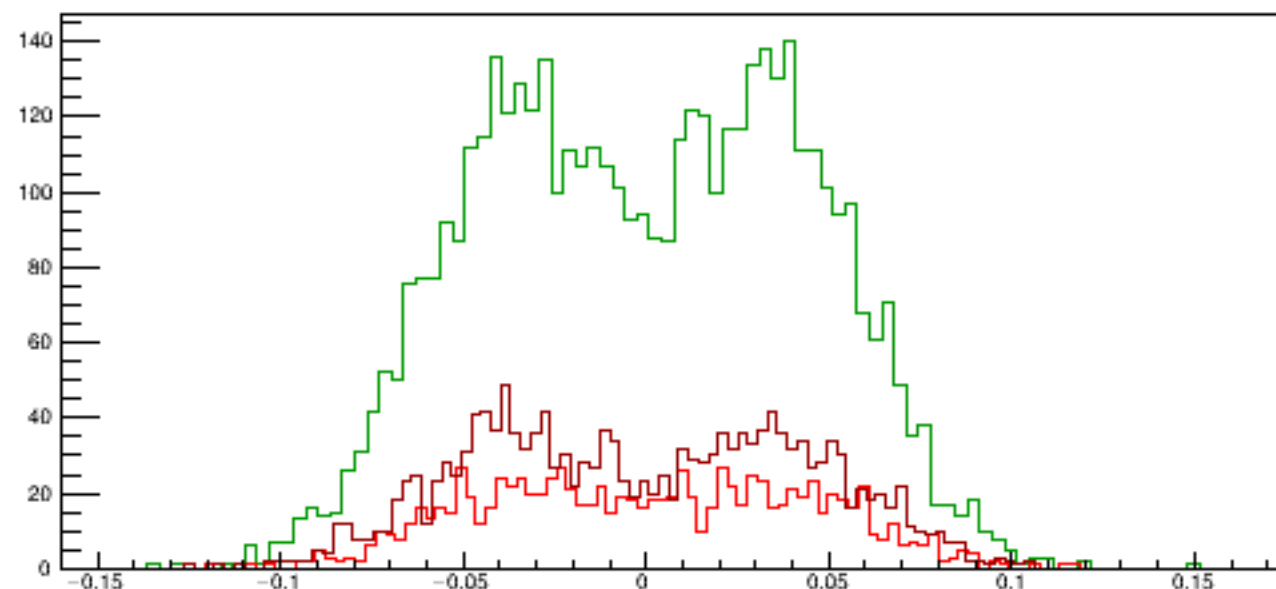
Std Dev: 0.0436 +/- 0.0004

Entries: 1651

Mean: -0.0013 +/- 0.0011

Std Dev: 0.0445 +/- 0.0008

Run 4495 quartetwise, Diffs



Cycle 21, Sums

Entries: 1011

Mean: -0.5098 +/- 0.0041

Std Dev: 0.1305 +/- 0.0029

Entries: 4729

Mean: -0.4596 +/- 0.0023

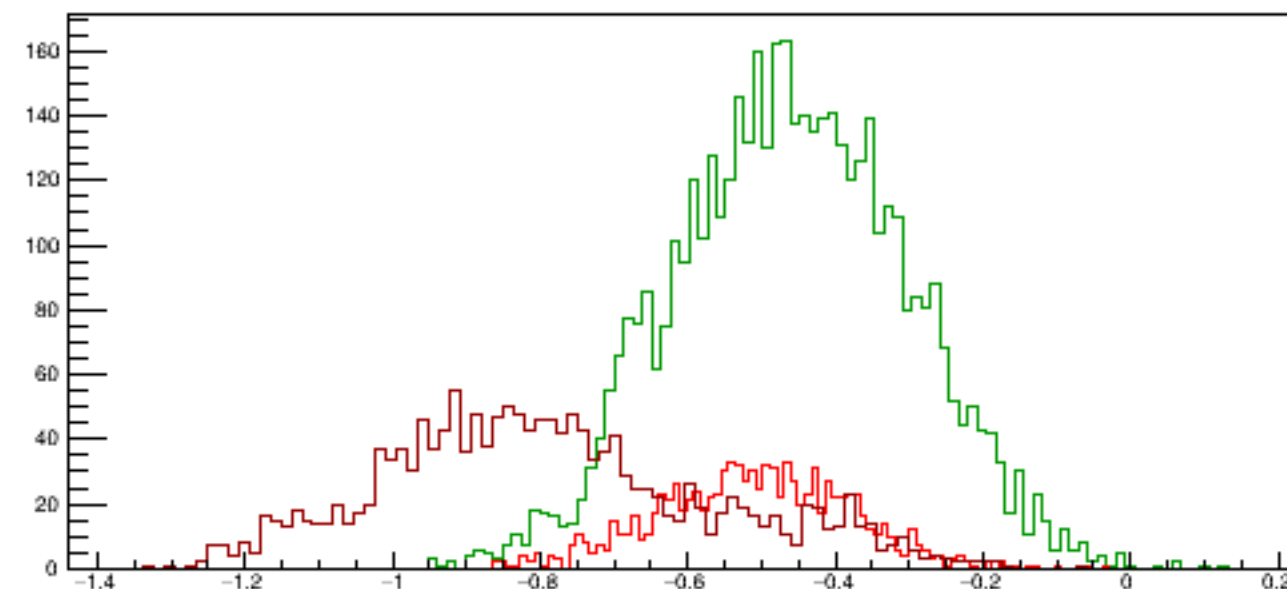
Std Dev: 0.1567 +/- 0.0016

Entries: 1651

Mean: -0.7888 +/- 0.0055

Std Dev: 0.2223 +/- 0.0039

Run 4495 quartetwise, Sums



Cycle 21, Asyms

Entries: 1011

Mean: 0.0008 +/- 0.0072

Std Dev: 0.2296 +/- 0.0051

Entries: 4729

Mean: 0.0161 +/- 0.1690

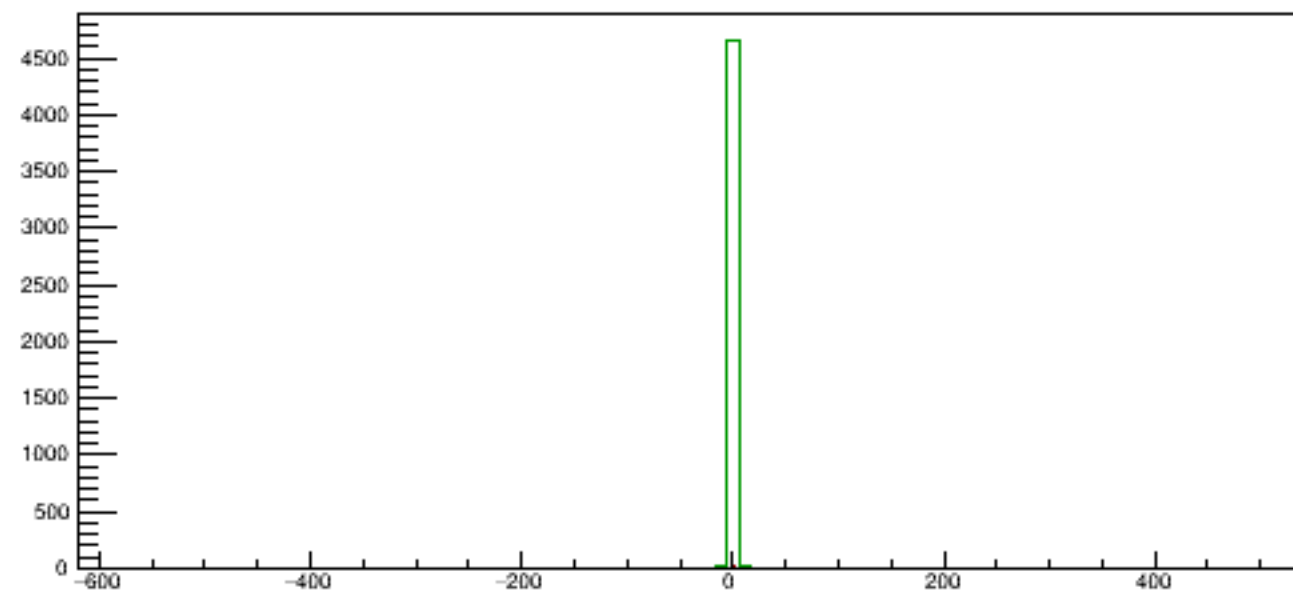
Std Dev: 11.6203 +/- 0.1195

Entries: 1651

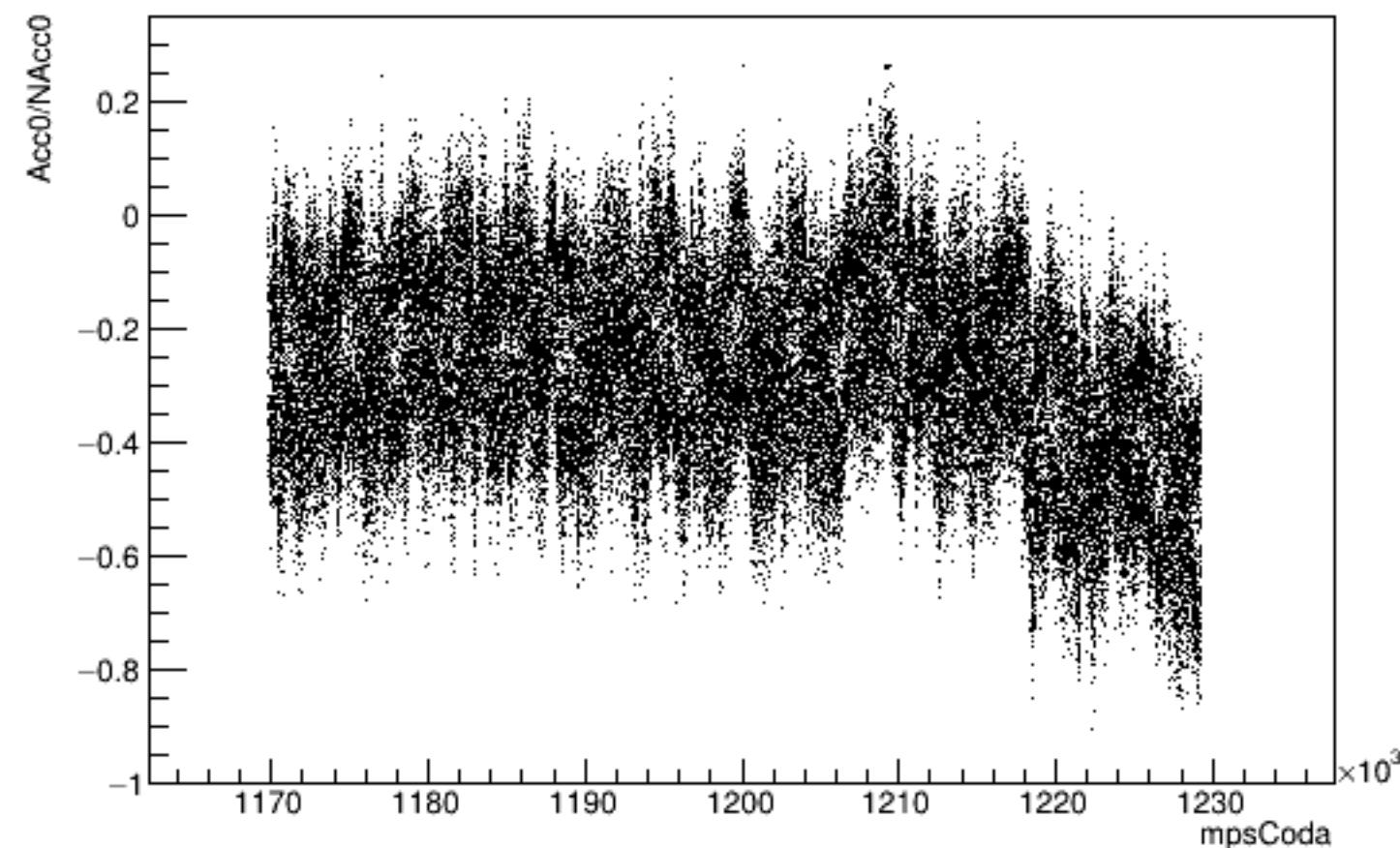
Mean: -0.0066 +/- 0.0058

Std Dev: 0.2345 +/- 0.0041

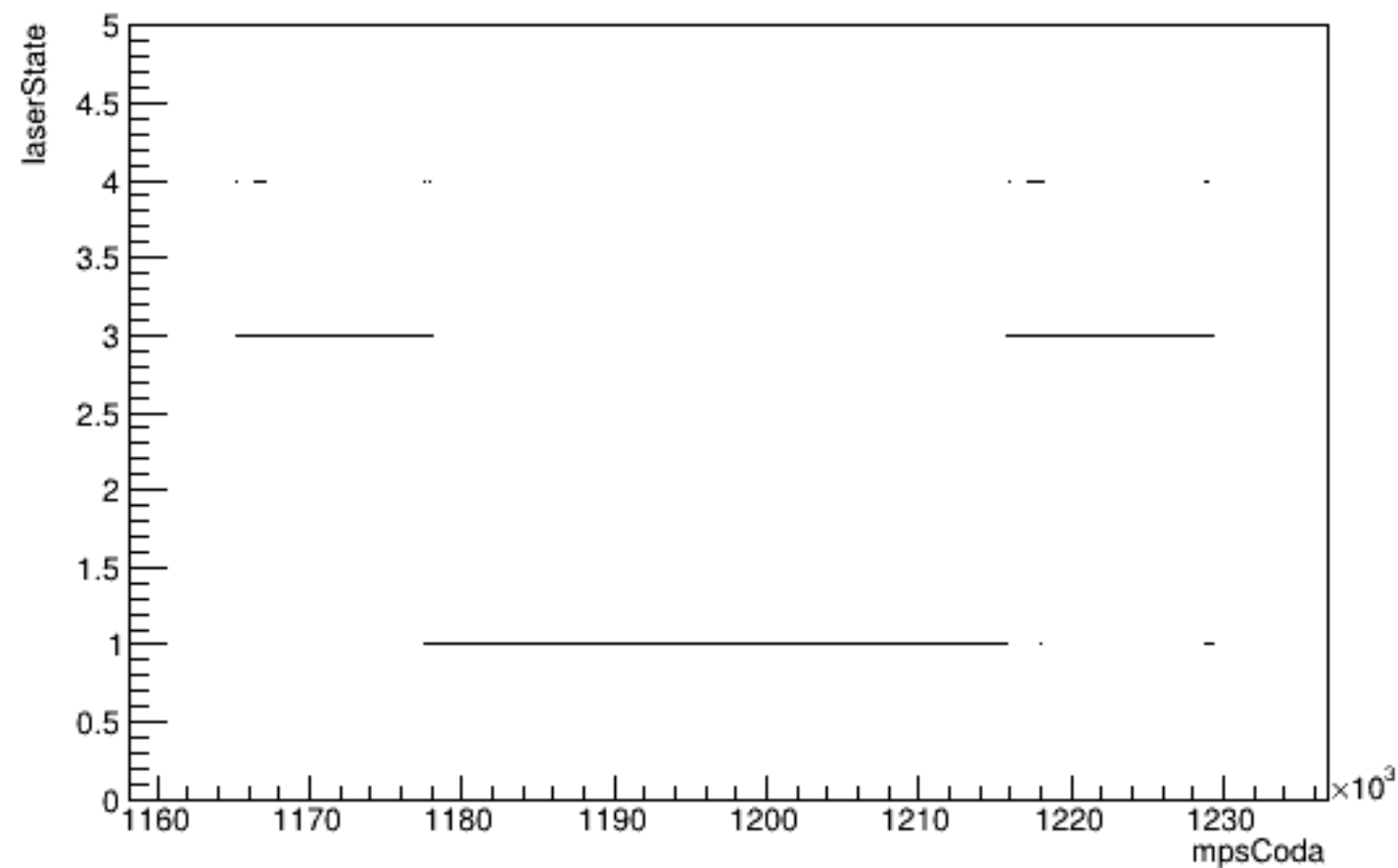
Run 4495 quartetwise, Asyms



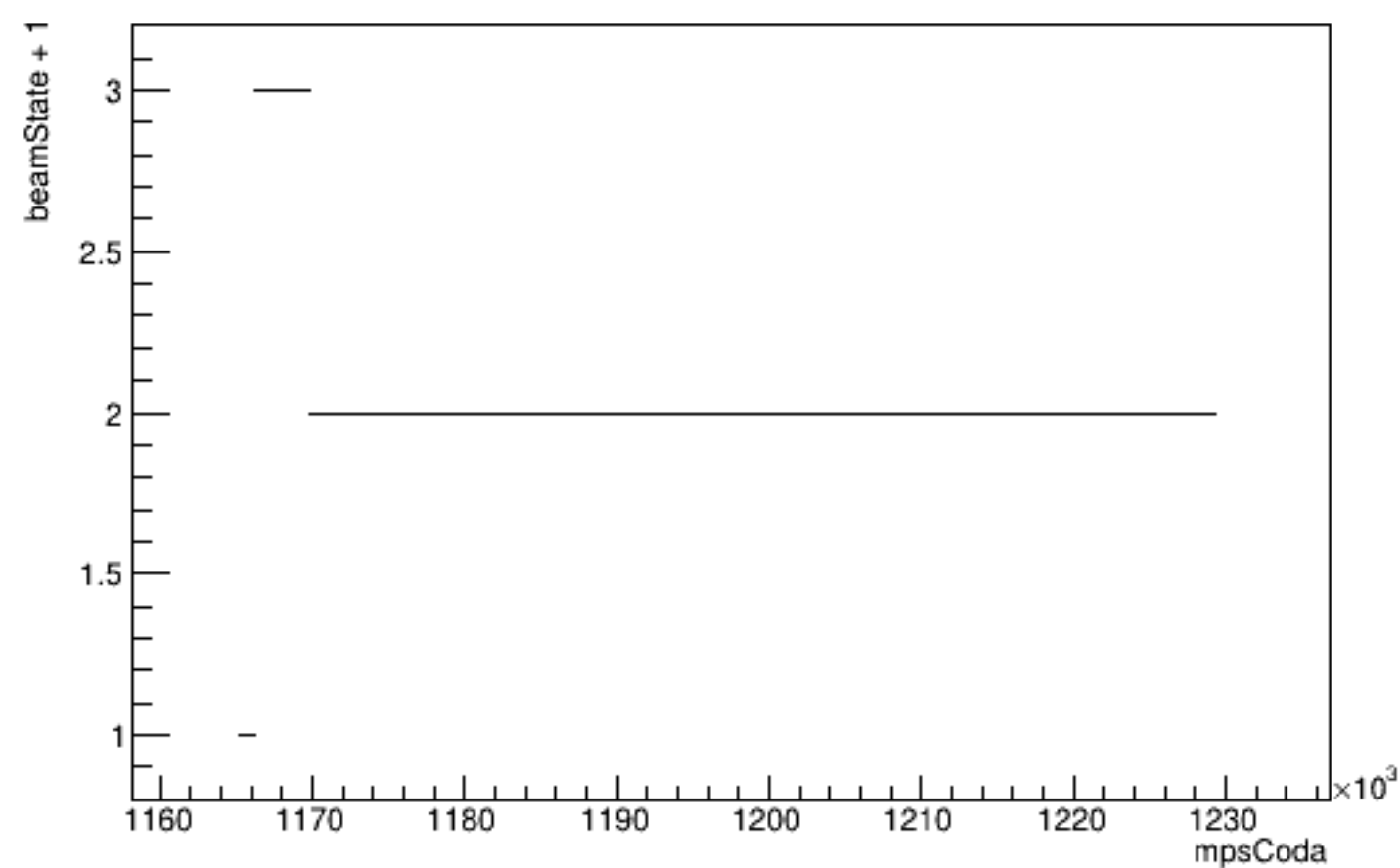
Acc0/NAcc0:mpsCoda (mpsCoda>=1165111 && mpsCoda<=1229254 && beamState==1)



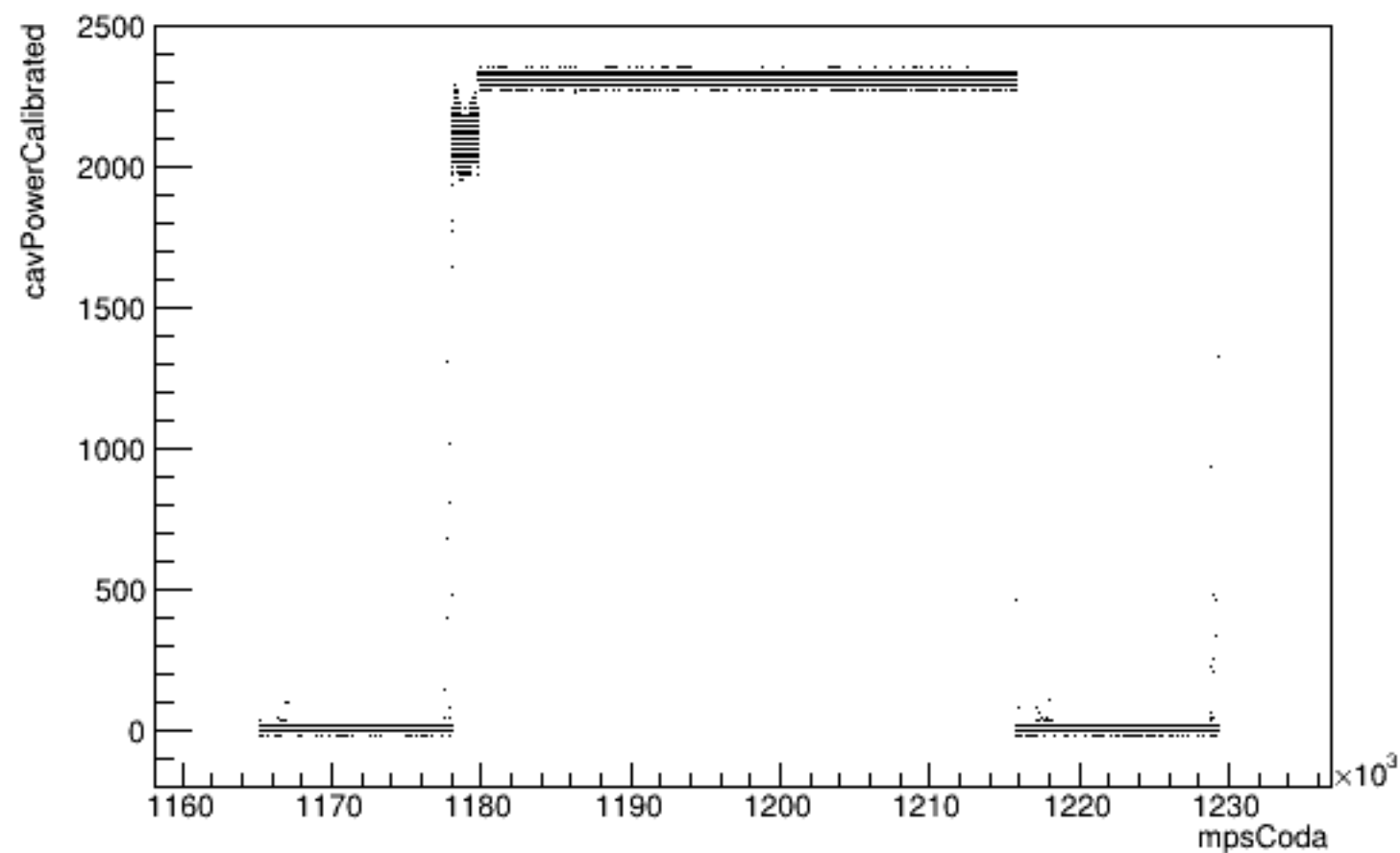
laserState:mpsCoda {mpsCoda>=1165111 && mpsCoda<=1229254}



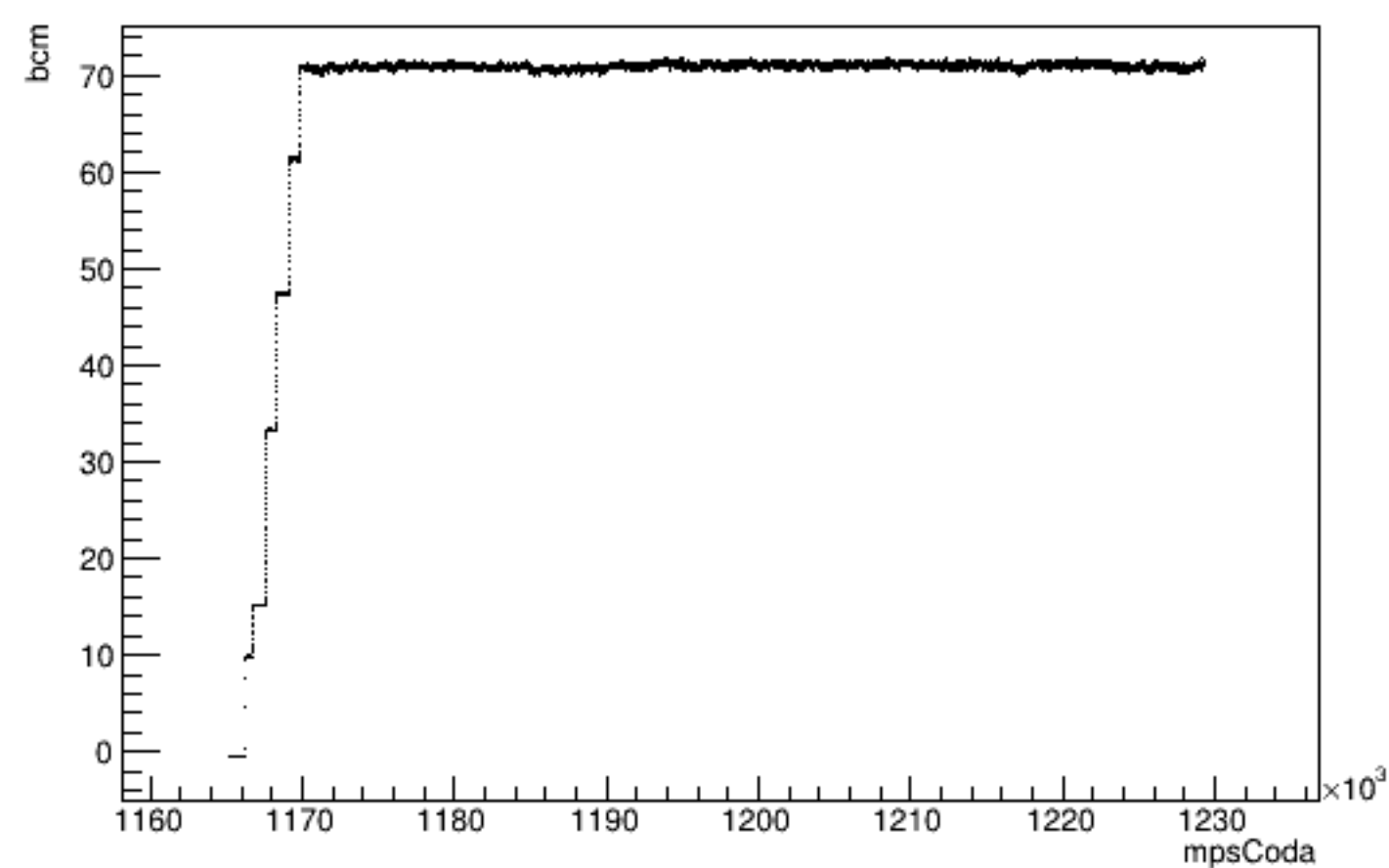
beamState + 1:mpsCoda {mpsCoda>=1165111 && mpsCoda<=1229254}



cavPowerCalibrated:mpsCoda {mpsCoda>=1165111 && mpsCoda<=1229254}



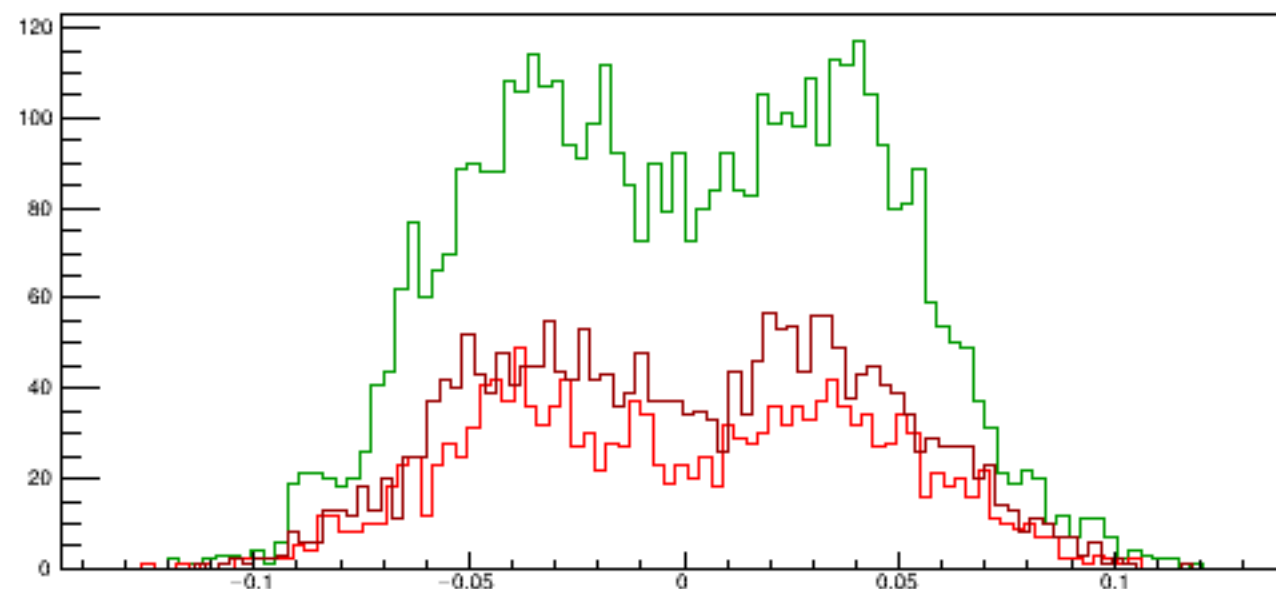
bcm:mpsCoda {mpsCoda>=1165111 && mpsCoda<=1229254}



Cycle 22, Diffs

Entries: 1651	Entries: 4722	Entries: 2251
Mean: -0.0013 +/- 0.0011	Mean: -0.0009 +/- 0.0006	Mean: -0.0003 +/- 0.0009
Std Dev: 0.0445 +/- 0.0008	Std Dev: 0.0434 +/- 0.0004	Std Dev: 0.0437 +/- 0.0007

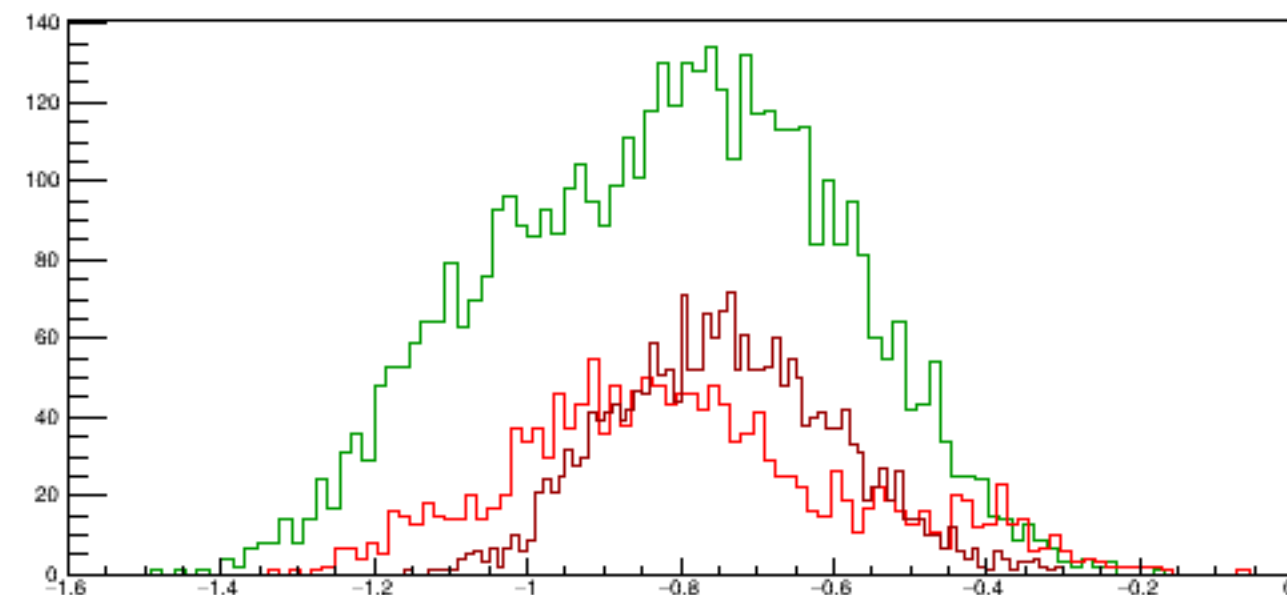
Run 4495 quartetwise, Diffs



Cycle 22, Sums

Entries: 1651	Entries: 4722	Entries: 2251
Mean: -0.7888 +/- 0.0055	Mean: -0.8227 +/- 0.0032	Mean: -0.7414 +/- 0.0030
Std Dev: 0.2223 +/- 0.0039	Std Dev: 0.2197 +/- 0.0023	Std Dev: 0.1439 +/- 0.0021

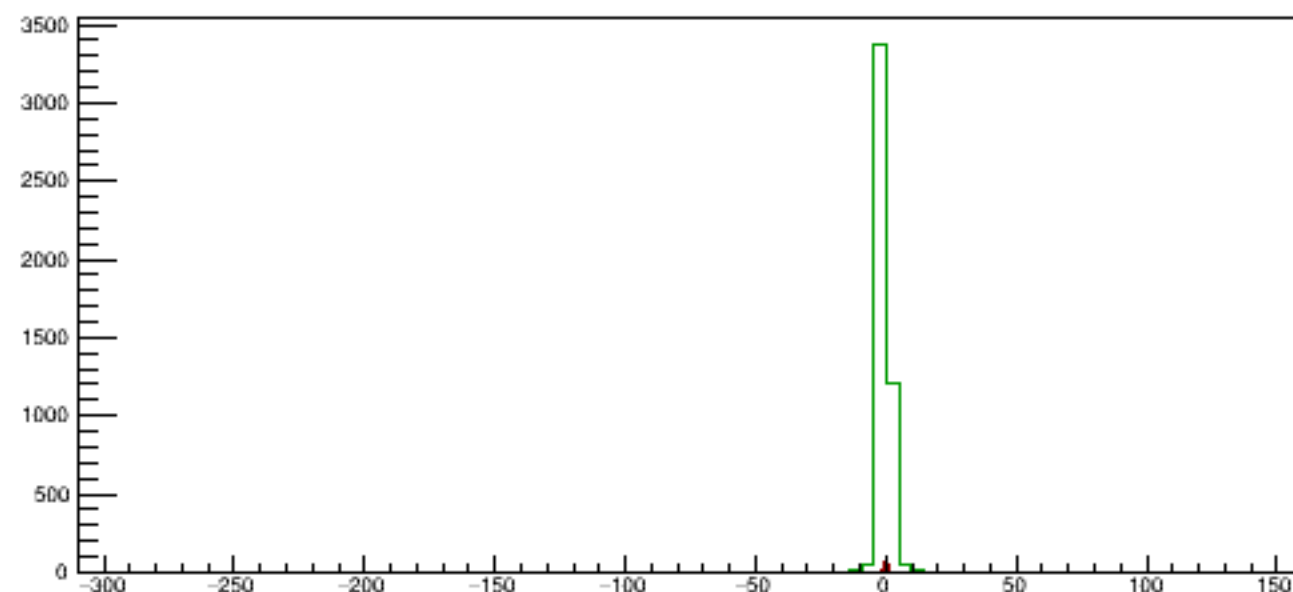
Run 4495 quartetwise, Sums



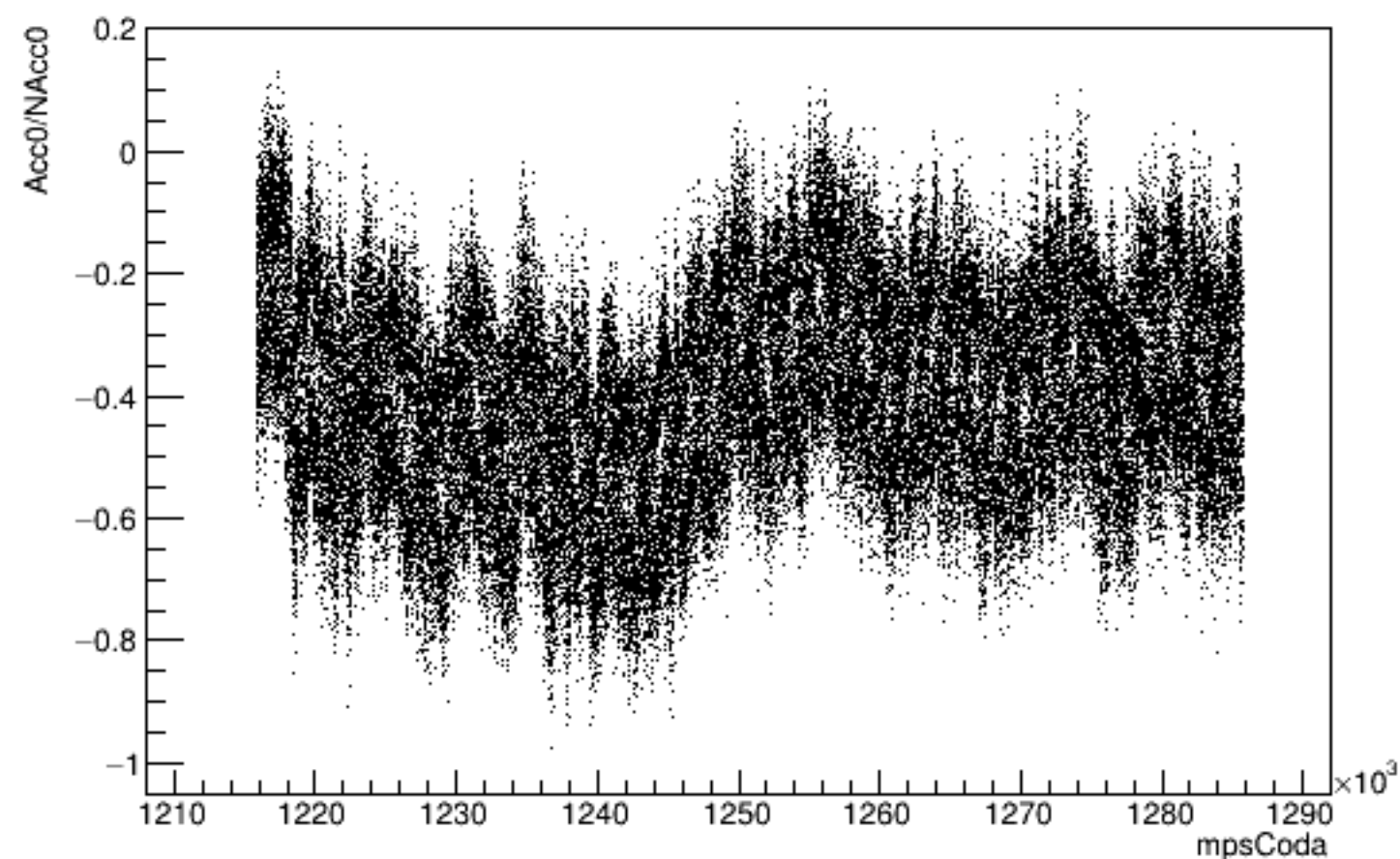
Cycle 22, Asyms

Entries: 1651	Entries: 4722	Entries: 2251
Mean: 0.0218 +/- 0.0190	Mean: -0.0546 +/- 0.1052	Mean: 0.0049 +/- 0.0160
Std Dev: 0.7718 +/- 0.0134	Std Dev: 7.2283 +/- 0.0744	Std Dev: 0.7576 +/- 0.0113

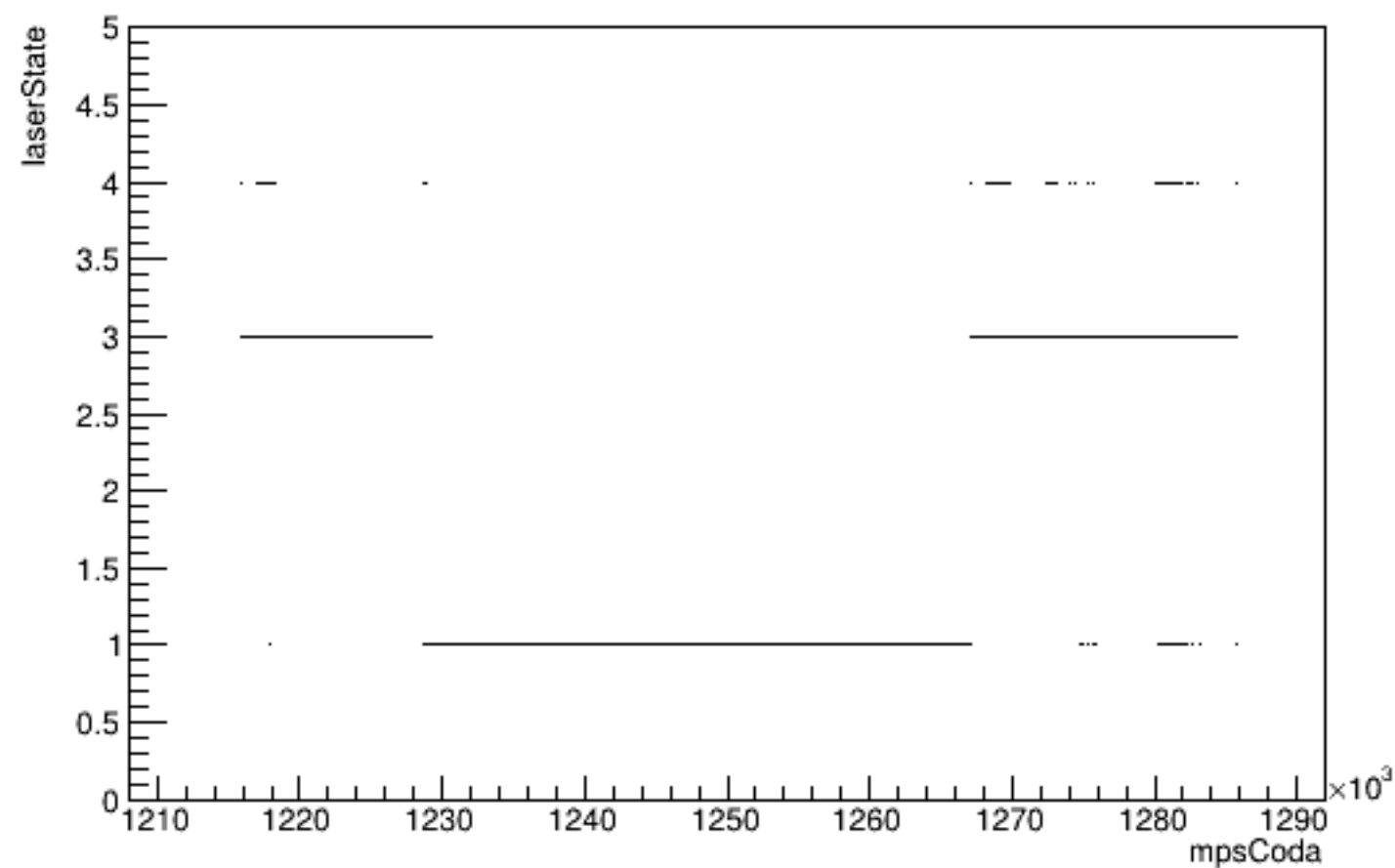
Run 4495 quartetwise, Asyms



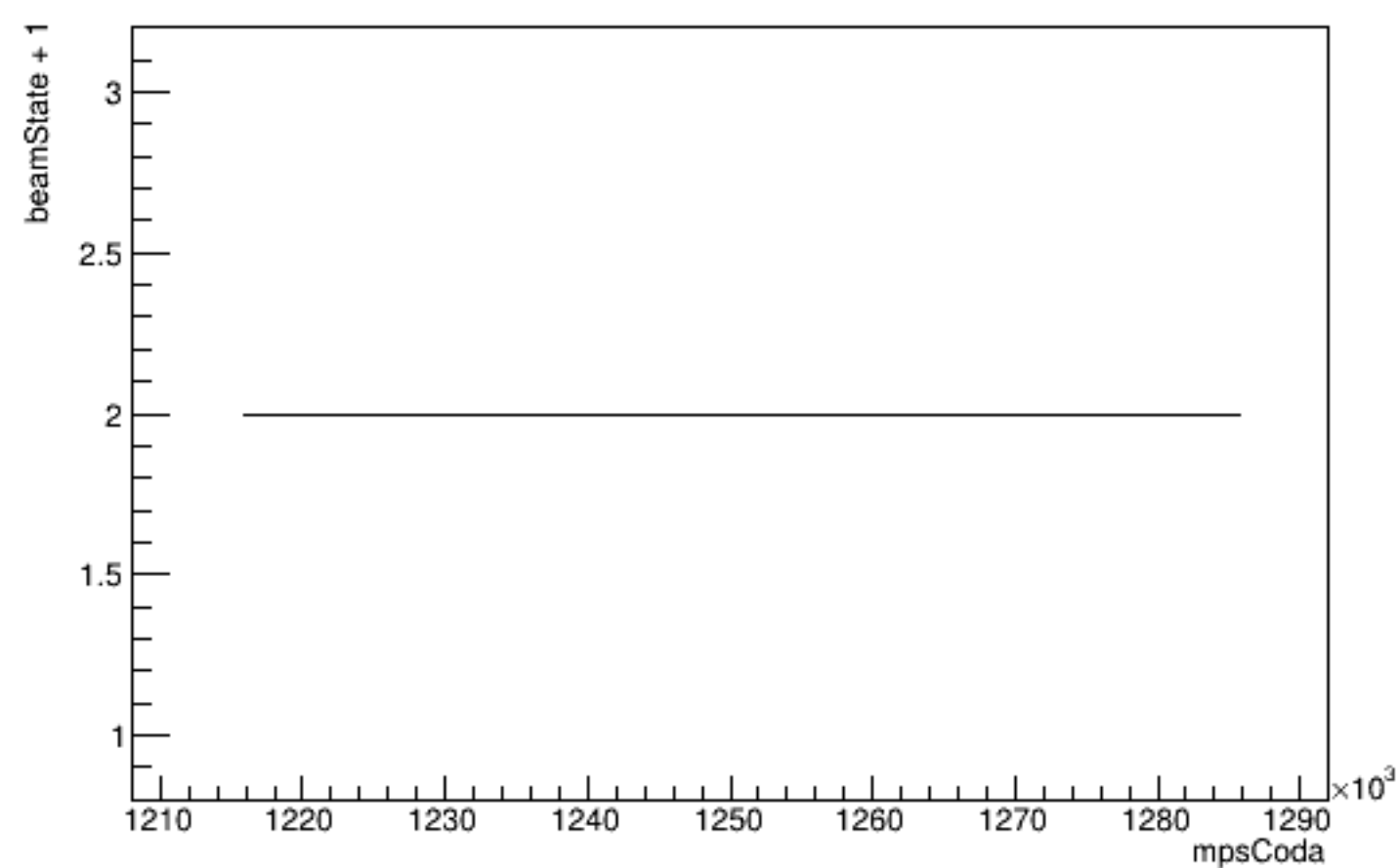
Acc0/NAcc0:mpsCoda (mpsCoda>=1215831 && mpsCoda<=1285726 && beamState==1)



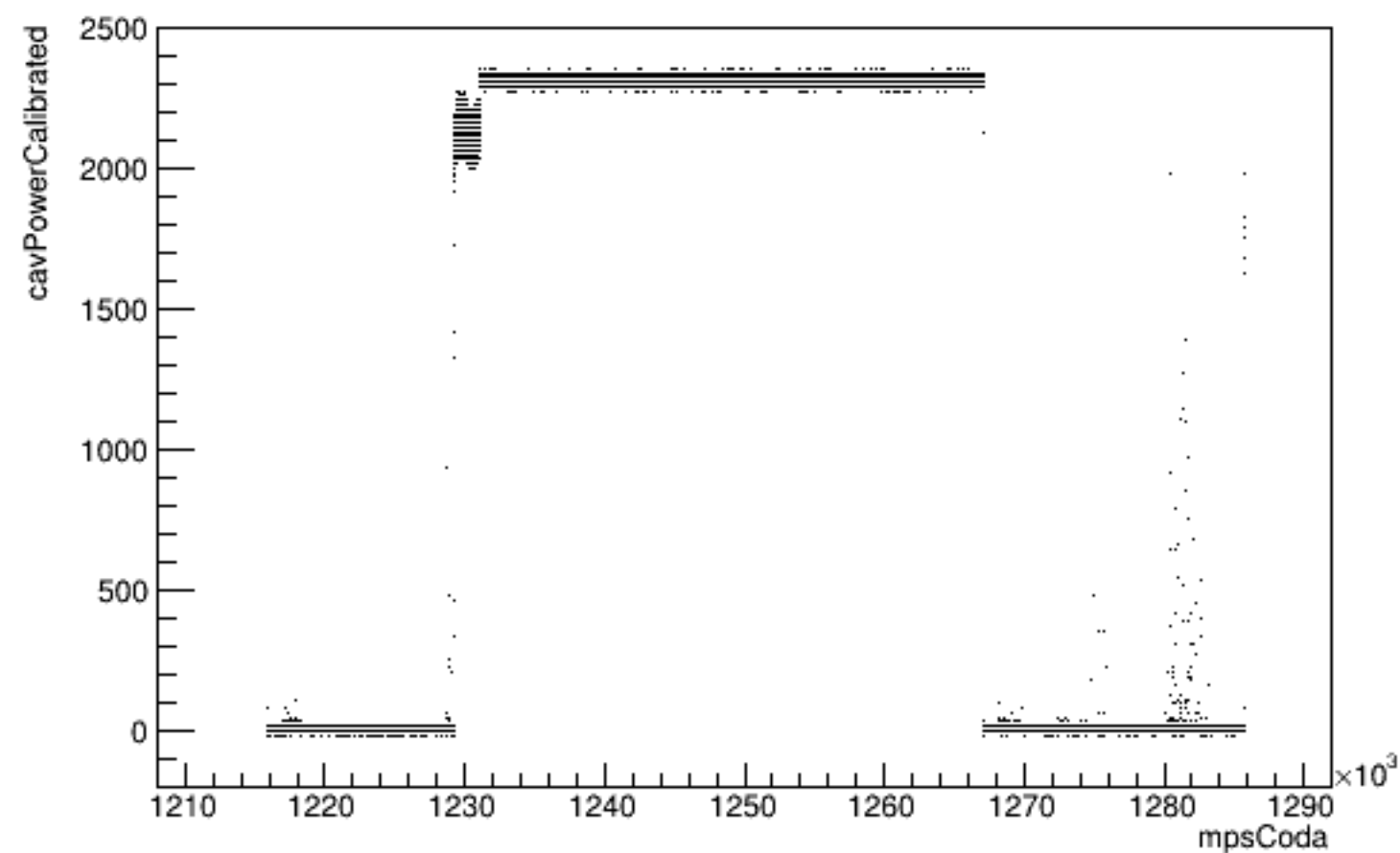
laserState:mpsCoda {mpsCoda>=1215831 && mpsCoda<=1285726}



beamState + 1:mpsCoda {mpsCoda>=1215831 && mpsCoda<=1285726}



cavPowerCalibrated:mpsCoda {mpsCoda>=1215831 && mpsCoda<=1285726}



bcm:mpsCoda {mpsCoda>=1215831 && mpsCoda<=1285726}

