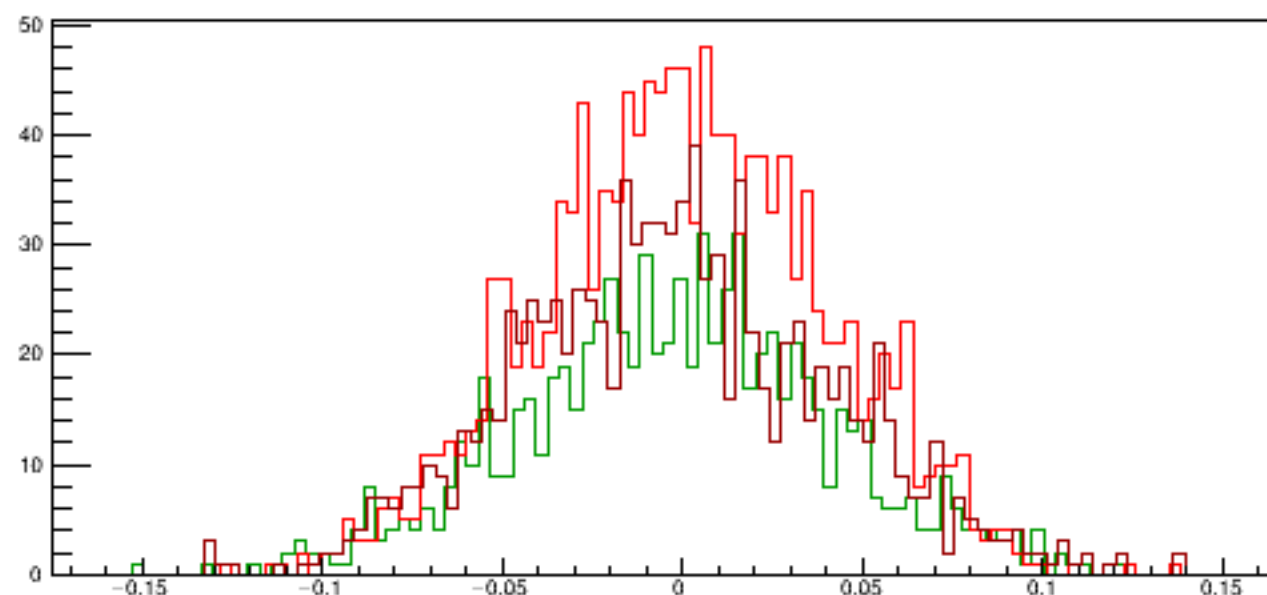


Cycle 1, Diffs

Entries: 1371	Entries: 807	Entries: 1008
Mean: -0.0001 +/- 0.0011	Mean: -0.0020 +/- 0.0015	Mean: -0.0025 +/- 0.0014
Std Dev: 0.0395 +/- 0.0008	Std Dev: 0.0432 +/- 0.0011	Std Dev: 0.0438 +/- 0.0010

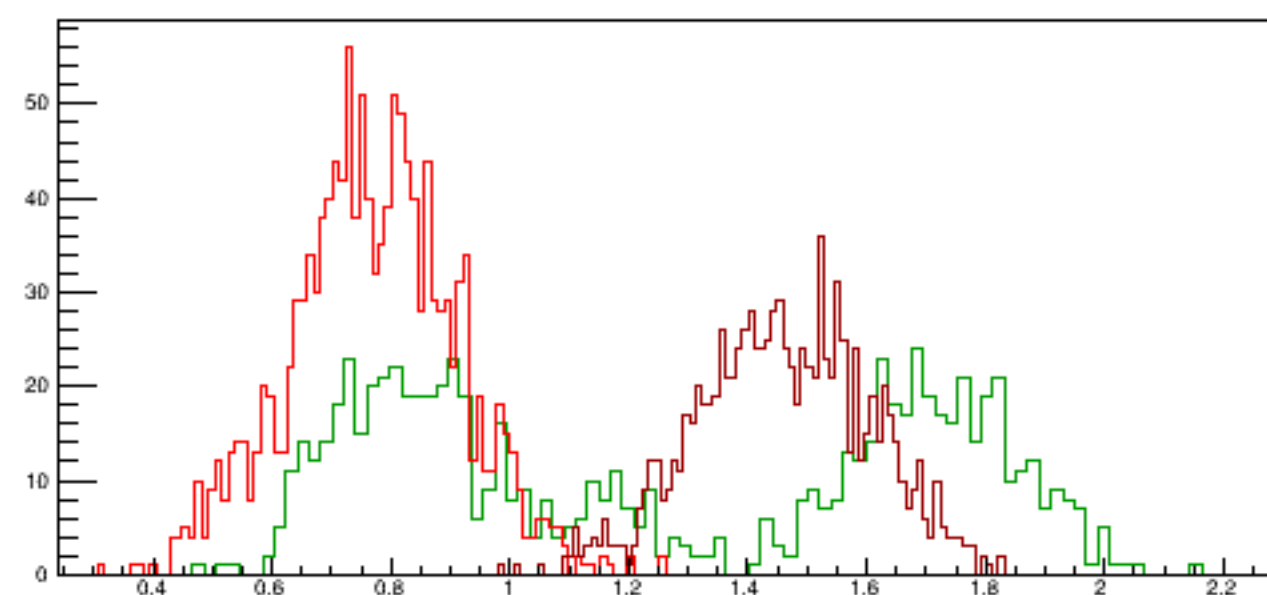
Run 6253 quartetwise, Diffs



Cycle 1, Sums

Entries: 1371	Entries: 807	Entries: 1008
Mean: 0.7705 +/- 0.0038	Mean: 1.2661 +/- 0.0156	Mean: 1.4591 +/- 0.0046
Std Dev: 0.1392 +/- 0.0027	Std Dev: 0.4441 +/- 0.0111	Std Dev: 0.1448 +/- 0.0032

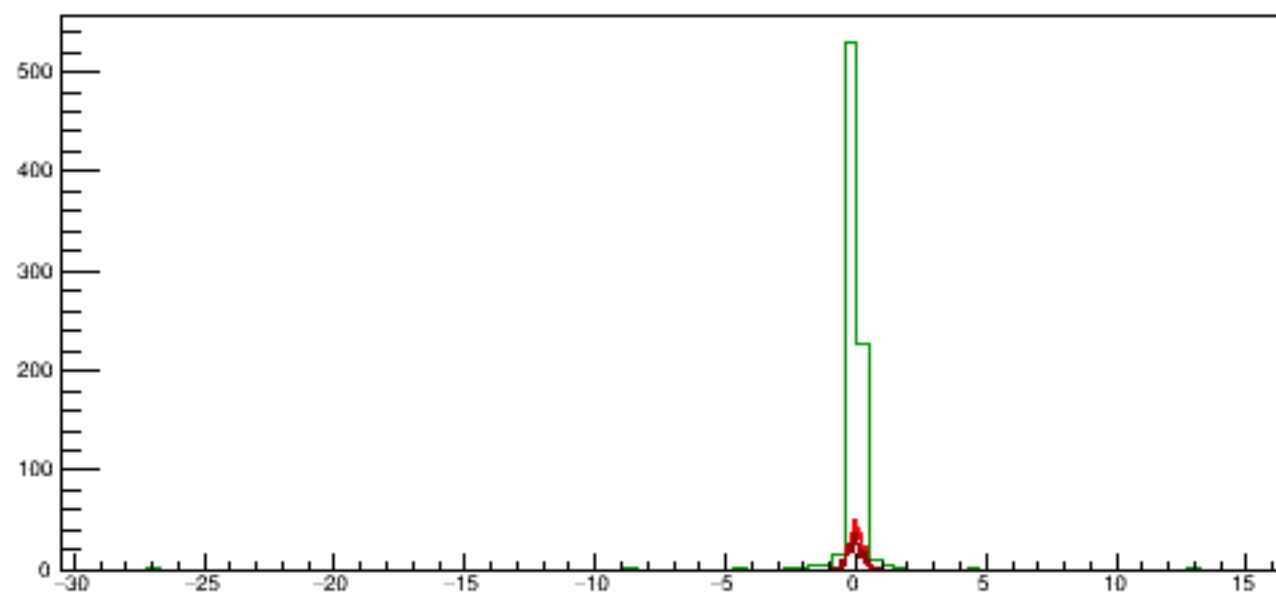
Run 6253 quartetwise, Sums



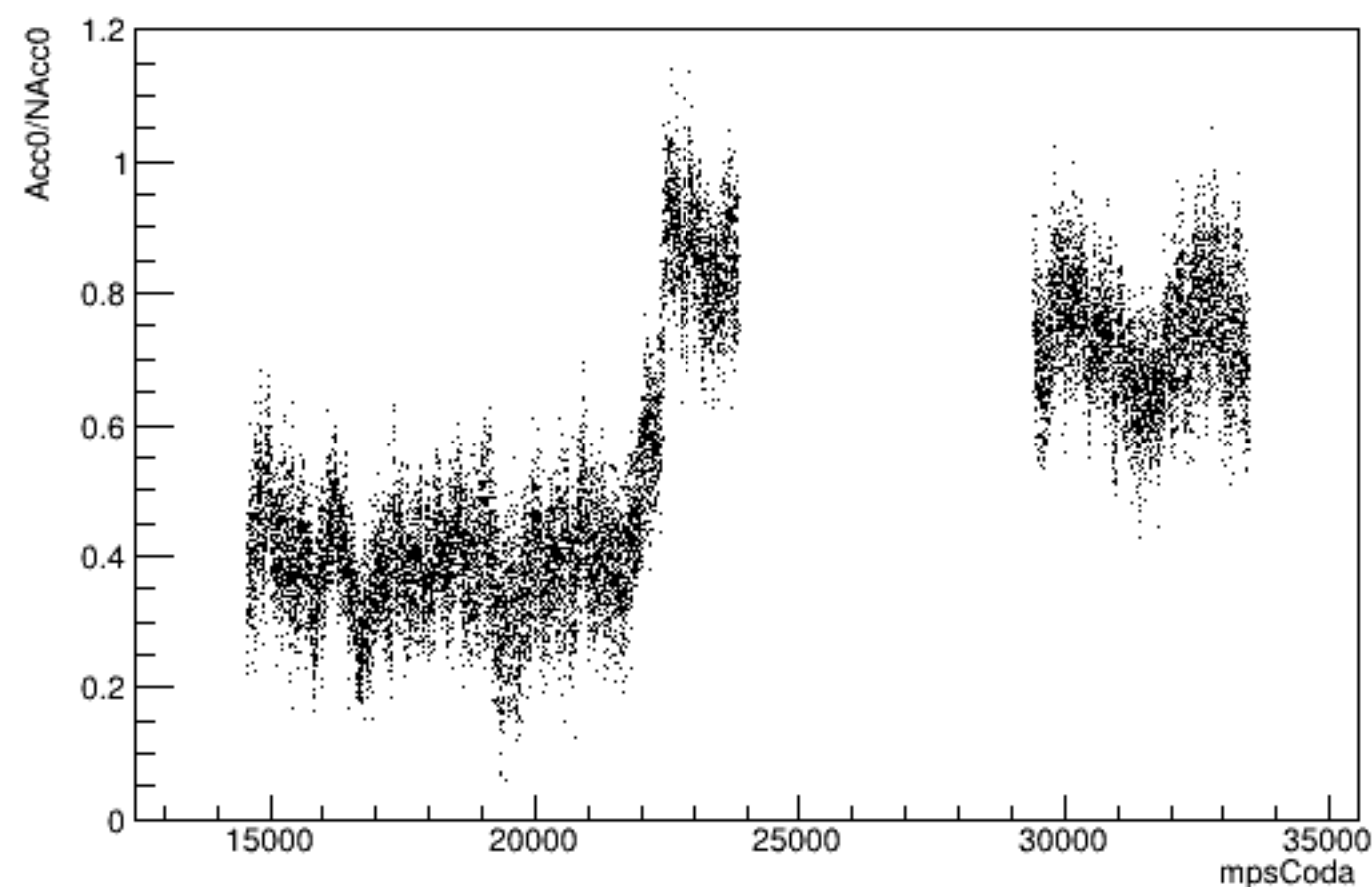
Cycle 1, Asyms

Entries: 1371	Entries: 807	Entries: 1008
Mean: -0.0003 +/- 0.0070	Mean: -0.0367 +/- 0.0407	Mean: -0.0166 +/- 0.0091
Std Dev: 0.2609 +/- 0.0050	Std Dev: 1.1567 +/- 0.0288	Std Dev: 0.2893 +/- 0.0064

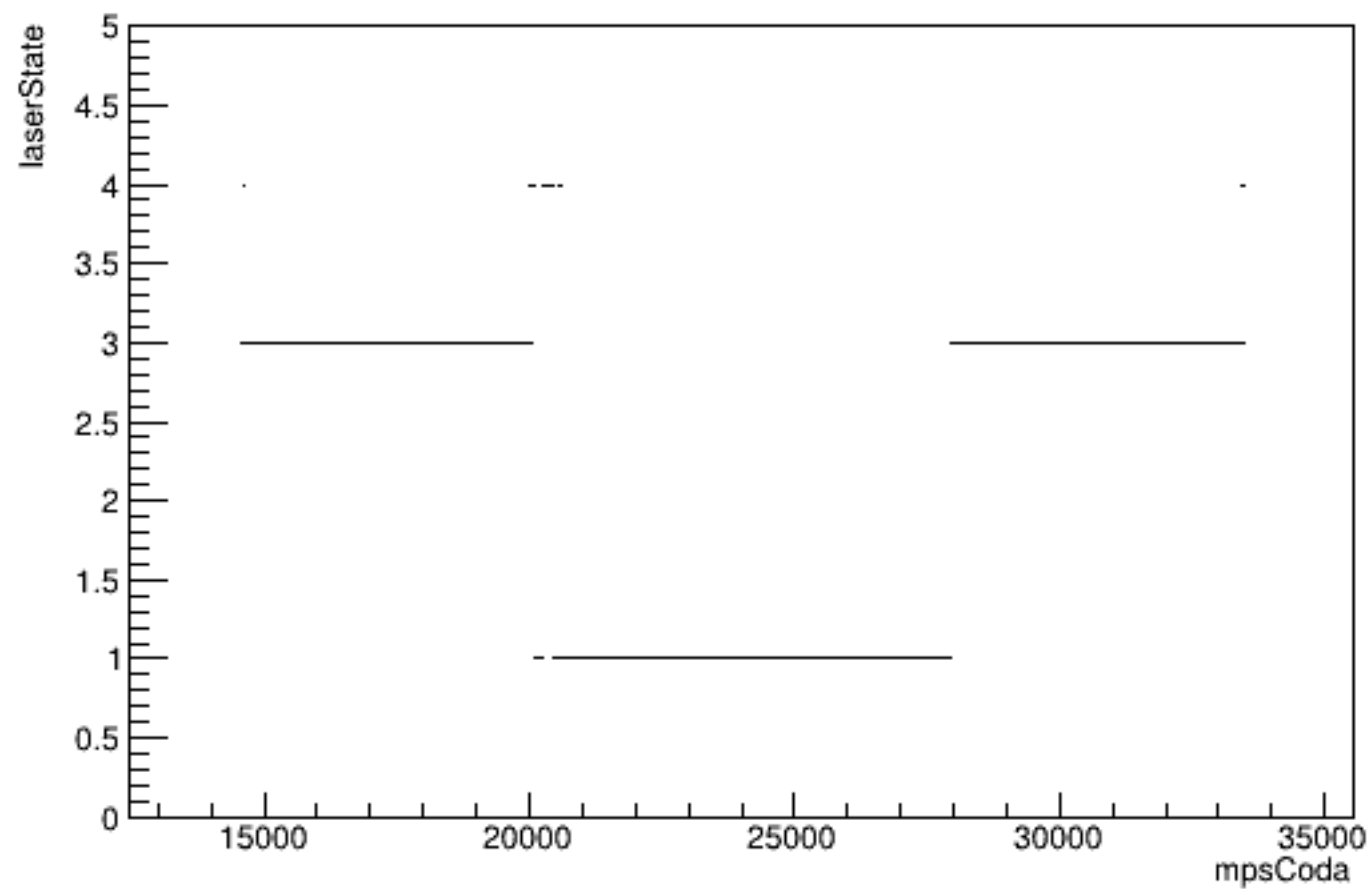
Run 6253 quartetwise, Asyms



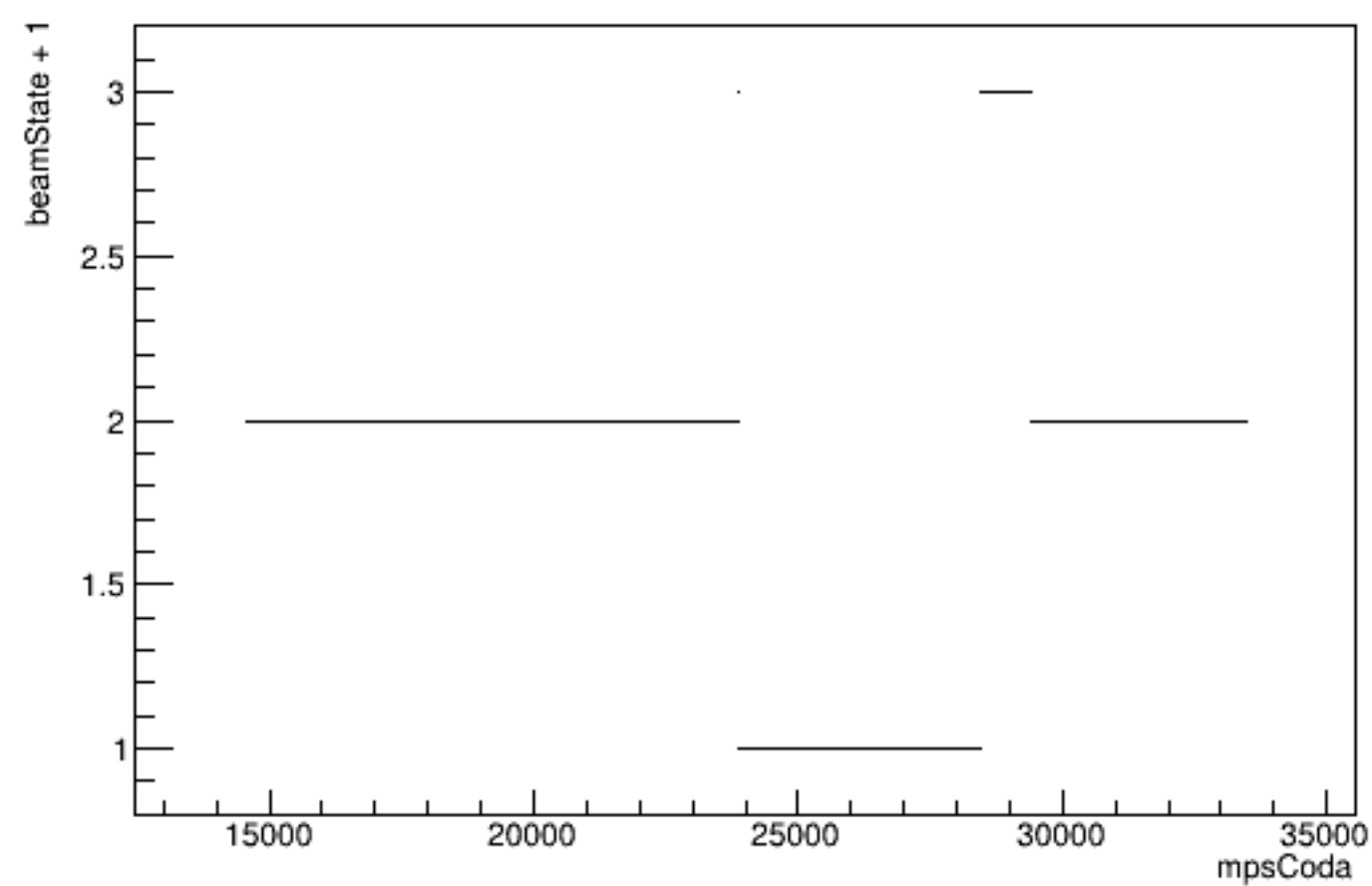
Acc0/NAcc0:mpsCoda {mpsCoda>=14573 && mpsCoda<=33472 && beamState==1}



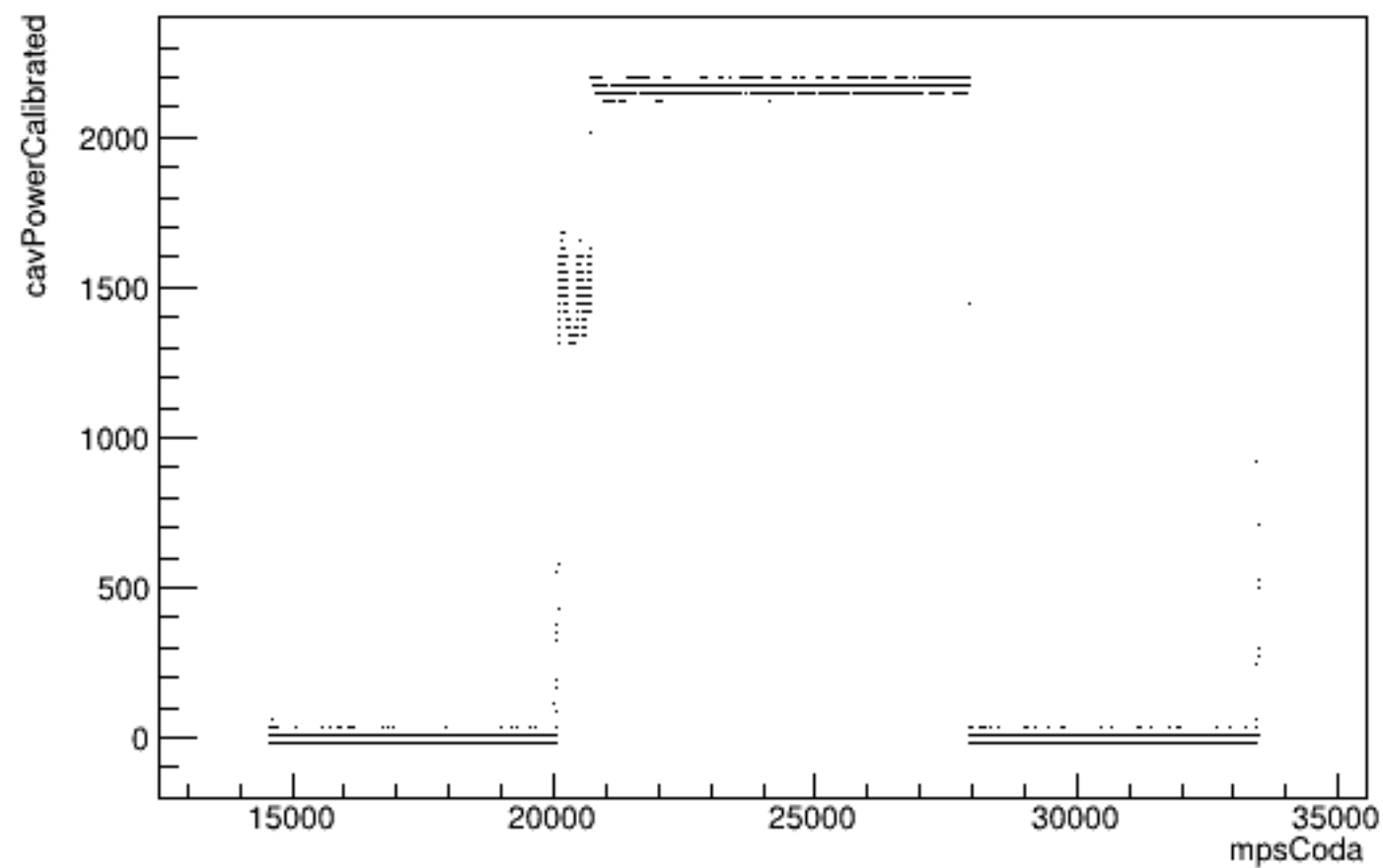
laserState:mpsCoda {mpsCoda>=14573 && mpsCoda<=33472}



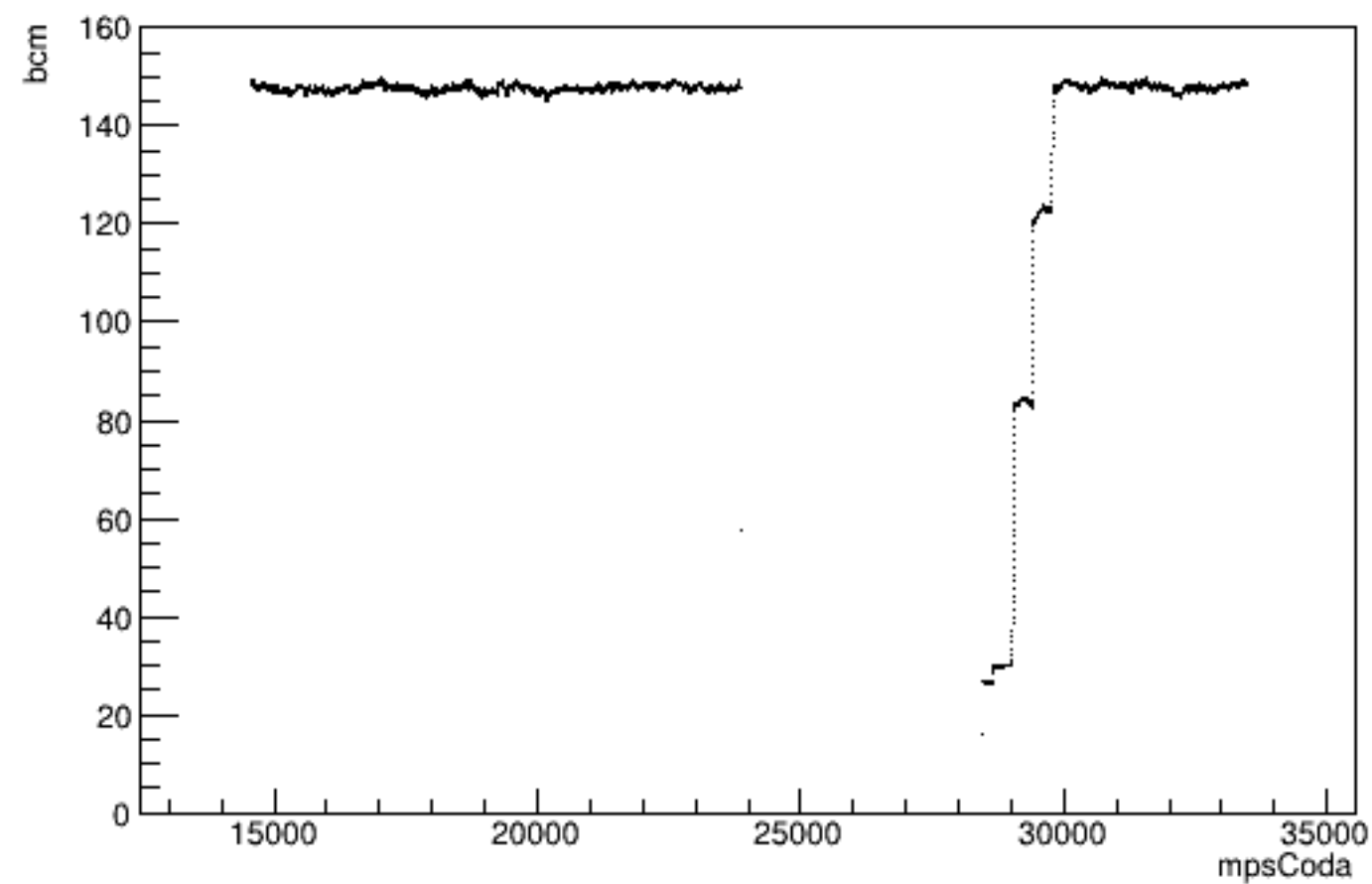
beamState + 1:mpsCoda {mpsCoda>=14573 && mpsCoda<=33472}



cavPowerCalibrated:mpsCoda {mpsCoda>=14573 && mpsCoda<=33472}



bcm:mpsCoda {mpsCoda>=14573 && mpsCoda<=33472}



Cycle 2, Diffs

Entries: 1008

Mean: -0.0025 +/- 0.0014

Std Dev: 0.0438 +/- 0.0010

Entries: 773

Mean: -0.0004 +/- 0.0016

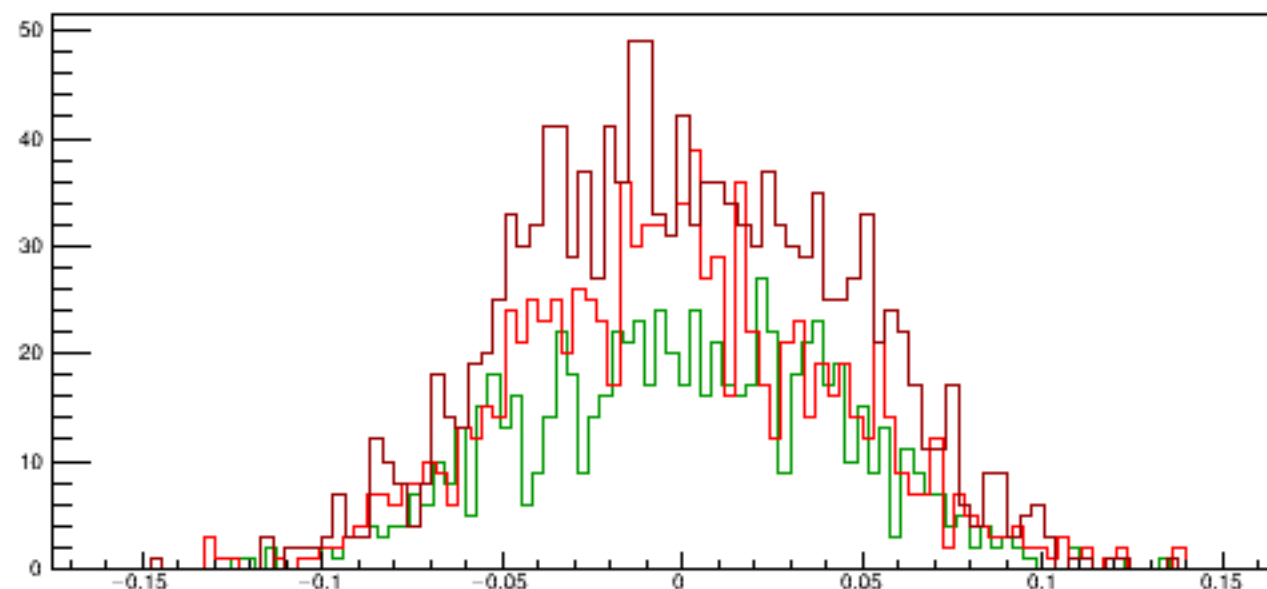
Std Dev: 0.0436 +/- 0.0011

Entries: 1374

Mean: -0.0000 +/- 0.0012

Std Dev: 0.0441 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 2, Sums

Entries: 1008

Mean: 1.4591 +/- 0.0046

Std Dev: 0.1448 +/- 0.0032

Entries: 773

Mean: 1.5474 +/- 0.0050

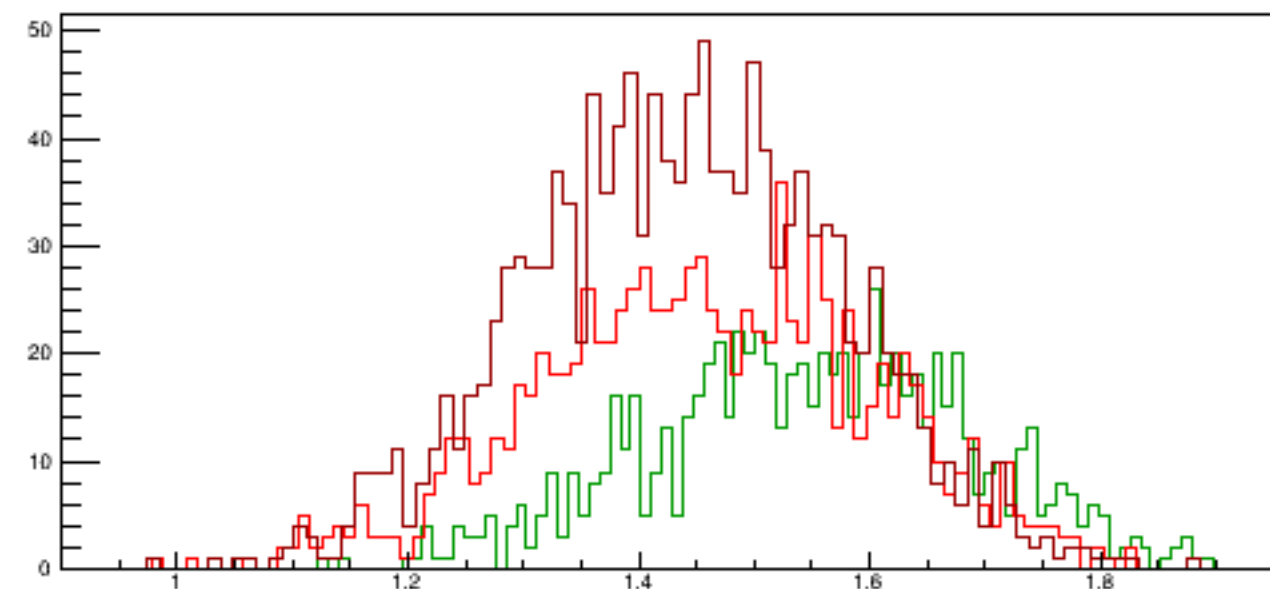
Std Dev: 0.1376 +/- 0.0035

Entries: 1374

Mean: 1.4396 +/- 0.0036

Std Dev: 0.1353 +/- 0.0026

Run 6253 quartetwise, Sums



Cycle 2, Asyms

Entries: 1008

Mean: -0.0256 +/- 0.0141

Std Dev: 0.4465 +/- 0.0099

Entries: 773

Mean: 0.2987 +/- 0.2264

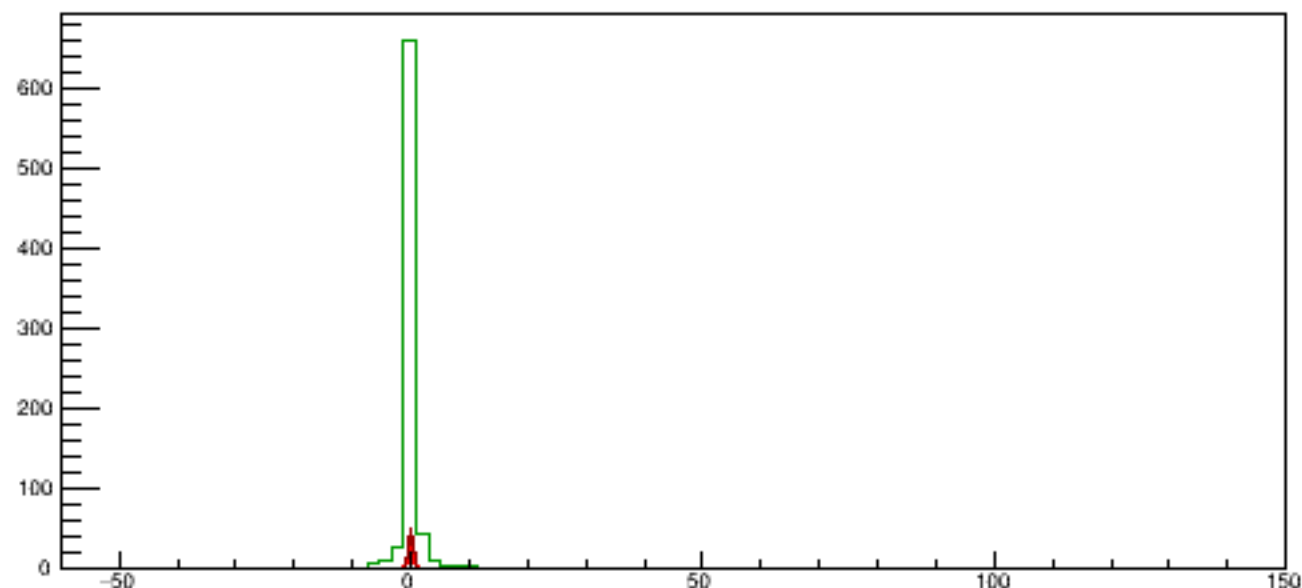
Std Dev: 6.2942 +/- 0.1601

Entries: 1374

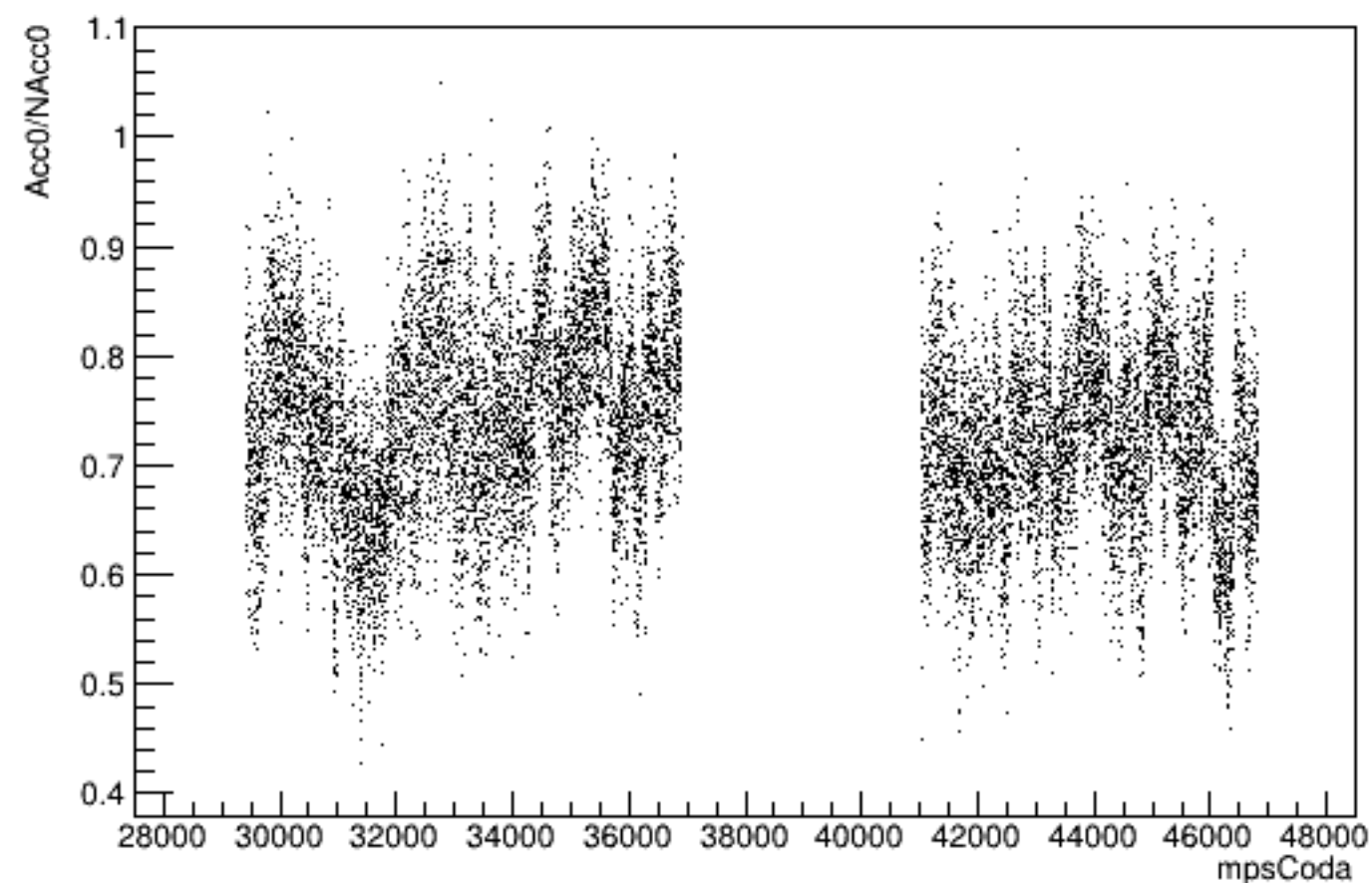
Mean: -0.0004 +/- 0.0121

Std Dev: 0.4496 +/- 0.0086

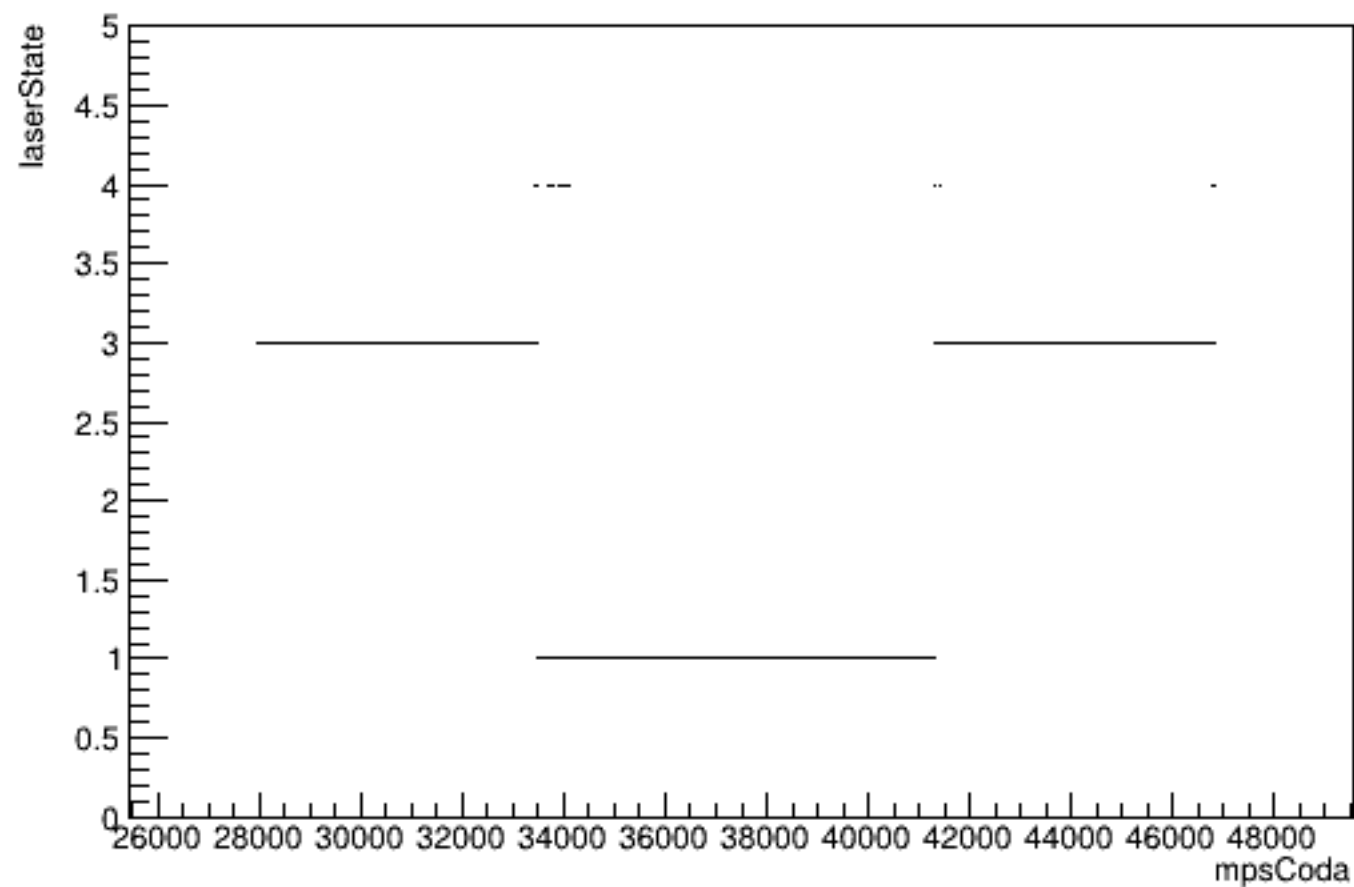
Run 6253 quartetwise, Asyms



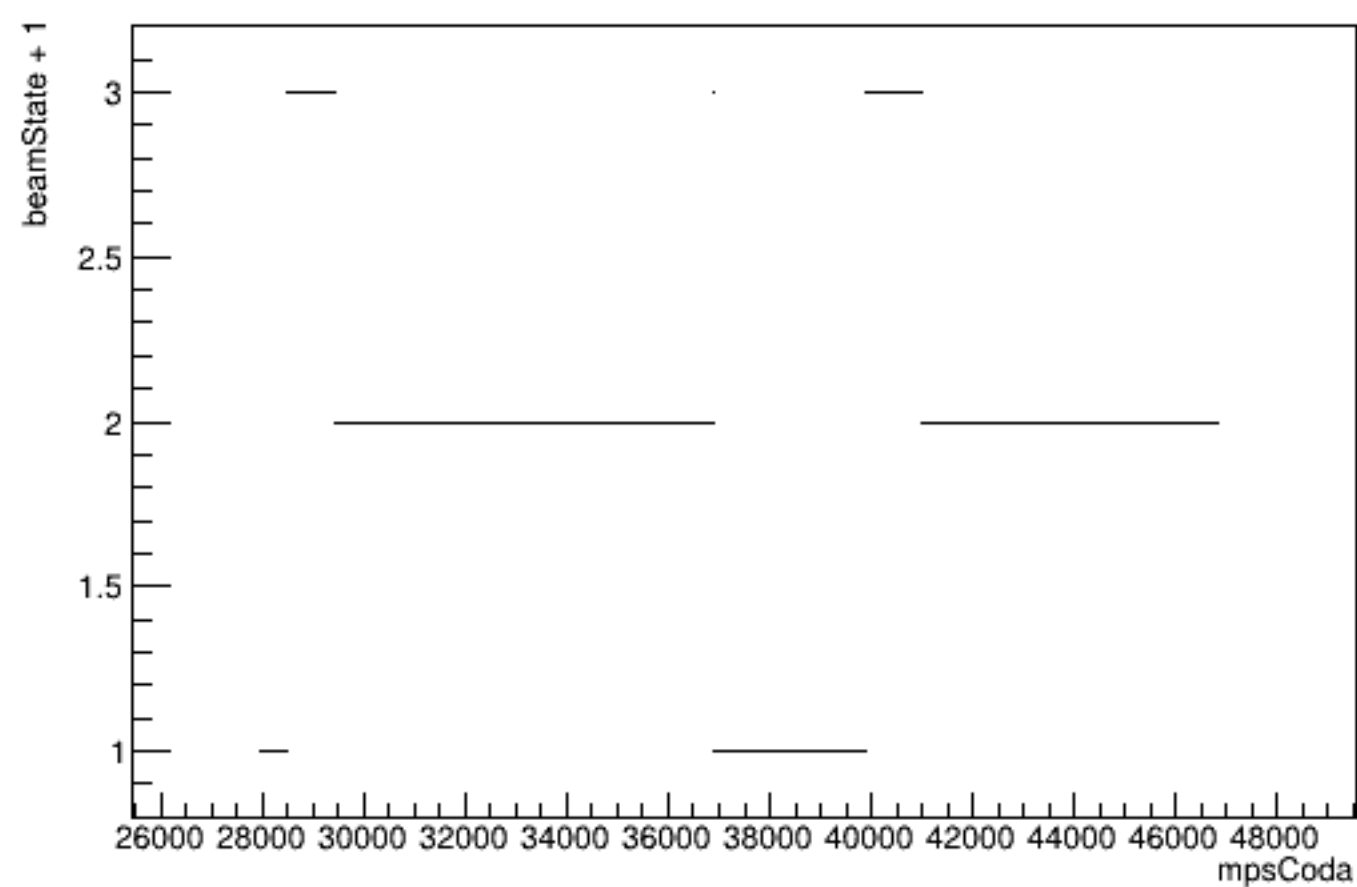
Acc0/NAcc0:mpsCoda {mpsCoda>=27941 && mpsCoda<=46824 && beamState==1}



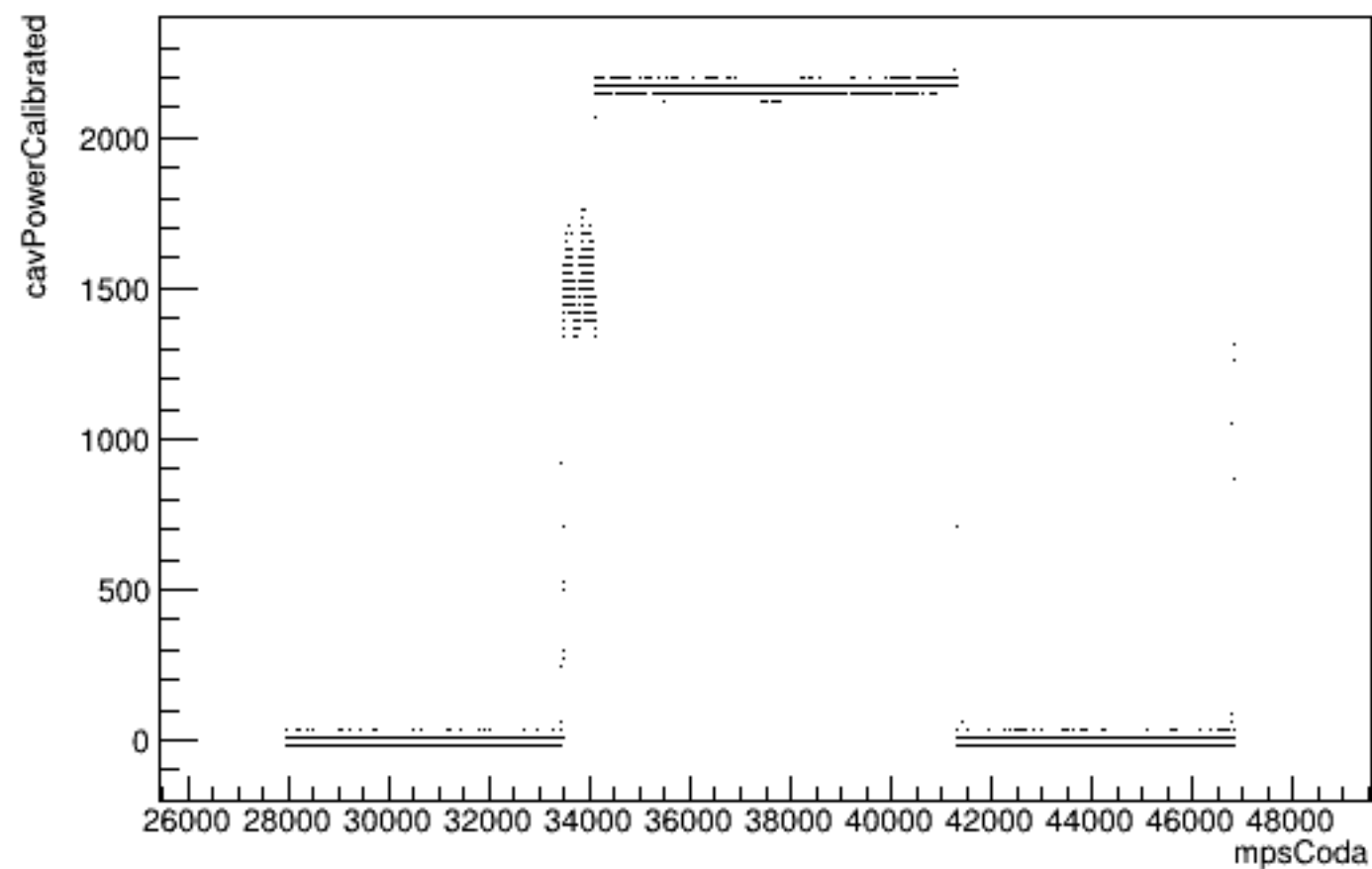
laserState:mpsCoda {mpsCoda>=27941 && mpsCoda<=46824}



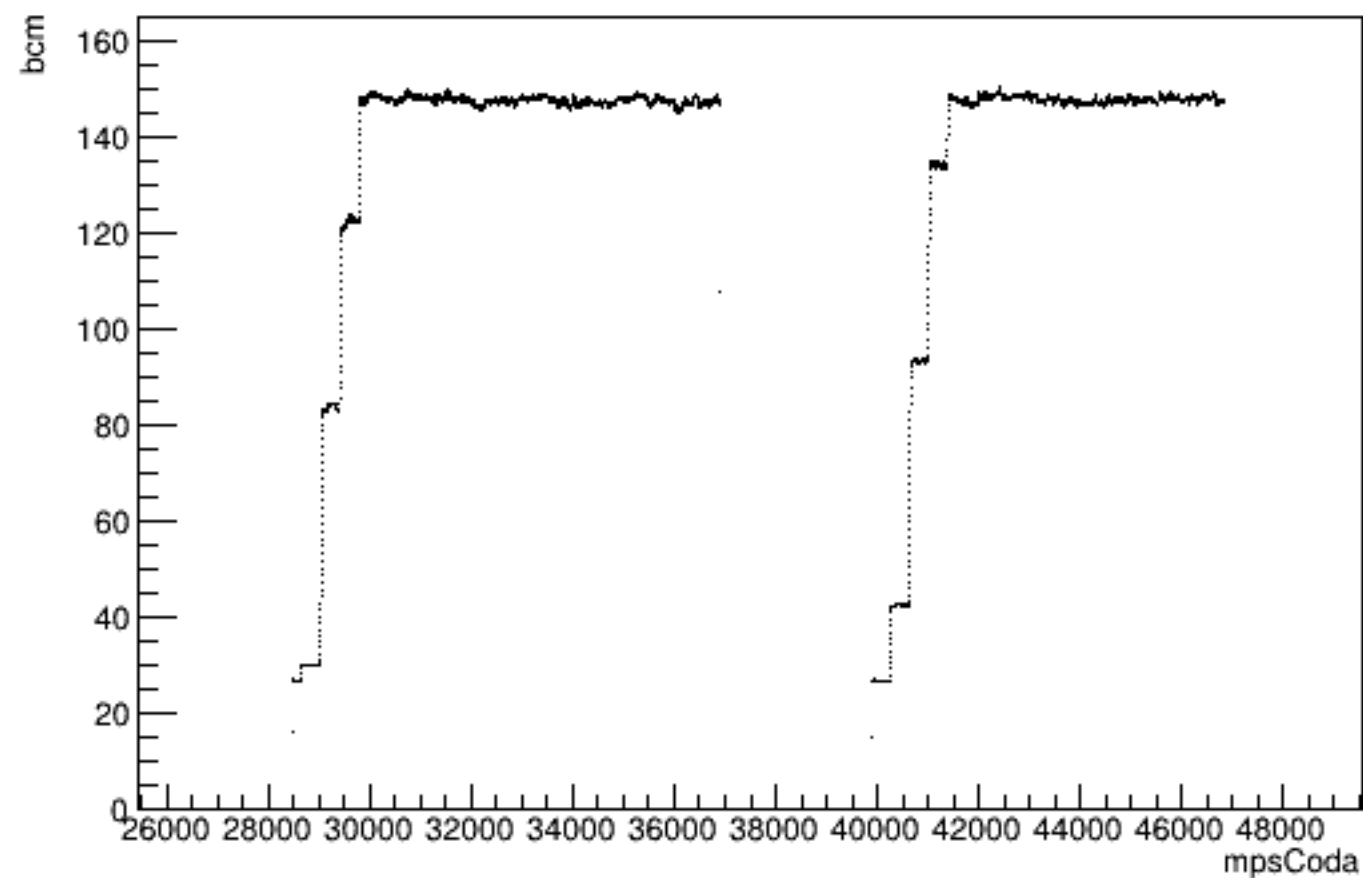
beamState + 1:mpsCoda {mpsCoda>=27941 && mpsCoda<=46824}



cavPowerCalibrated:mpsCoda {mpsCoda>=27941 && mpsCoda<=46824}



bcm:mpsCoda {mpsCoda>=27941 && mpsCoda<=46824}



Cycle 3, Diffs

Entries: 1372

Mean: -0.0022 +/- 0.0012

Std Dev: 0.0432 +/- 0.0008

Entries: 526

Mean: -0.0013 +/- 0.0018

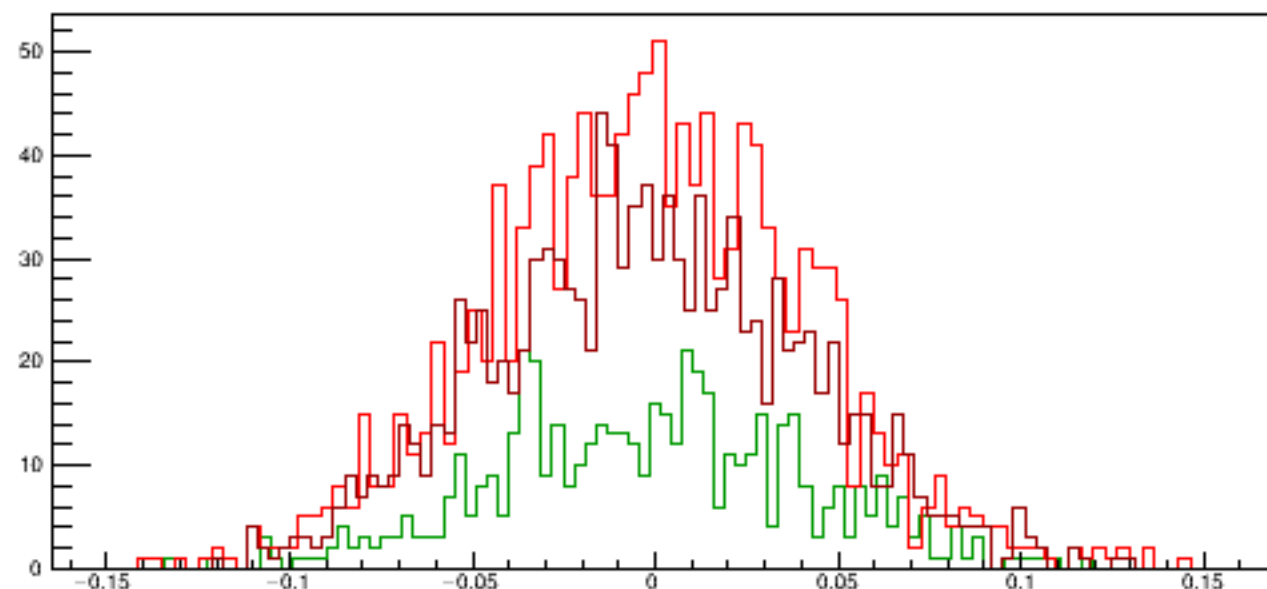
Std Dev: 0.0424 +/- 0.0013

Entries: 1205

Mean: -0.0025 +/- 0.0012

Std Dev: 0.0429 +/- 0.0009

Run 6253 quartetwise, Diffs



Cycle 3, Sums

Entries: 1372

Mean: 1.5169 +/- 0.0045

Std Dev: 0.1666 +/- 0.0032

Entries: 526

Mean: 1.4319 +/- 0.0059

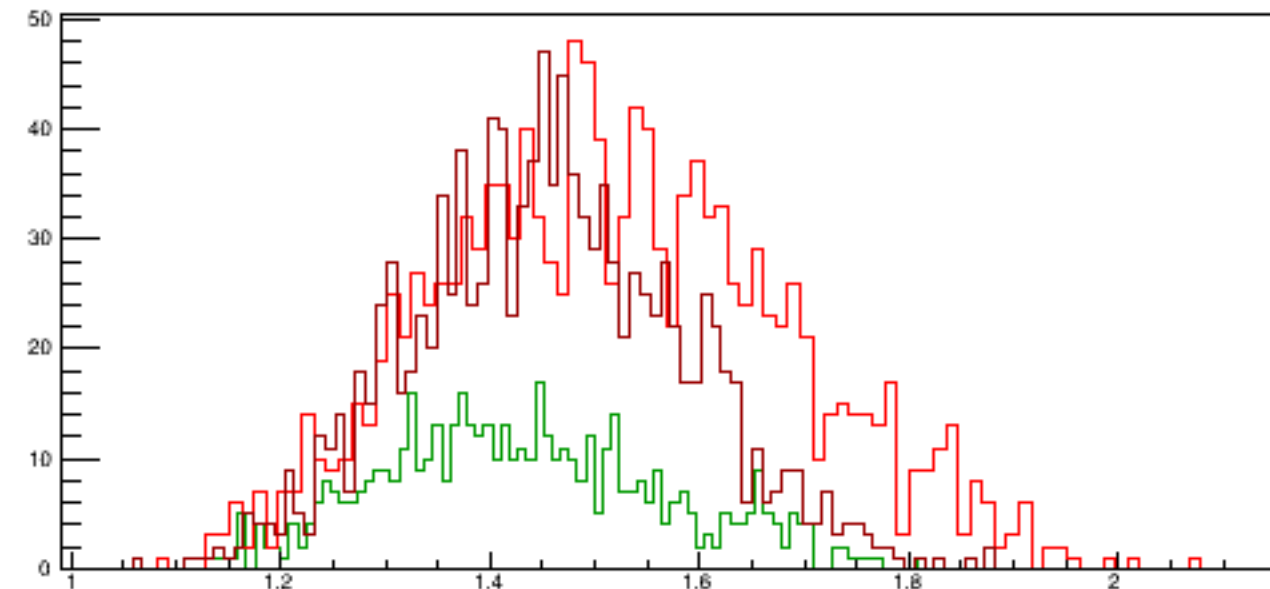
Std Dev: 0.1349 +/- 0.0042

Entries: 1205

Mean: 1.4551 +/- 0.0037

Std Dev: 0.1289 +/- 0.0026

Run 6253 quartetwise, Sums



Cycle 3, Asyms

Entries: 1372

Mean: 0.0412 +/- 0.0215

Std Dev: 0.7981 +/- 0.0152

Entries: 526

Mean: -0.0167 +/- 0.2868

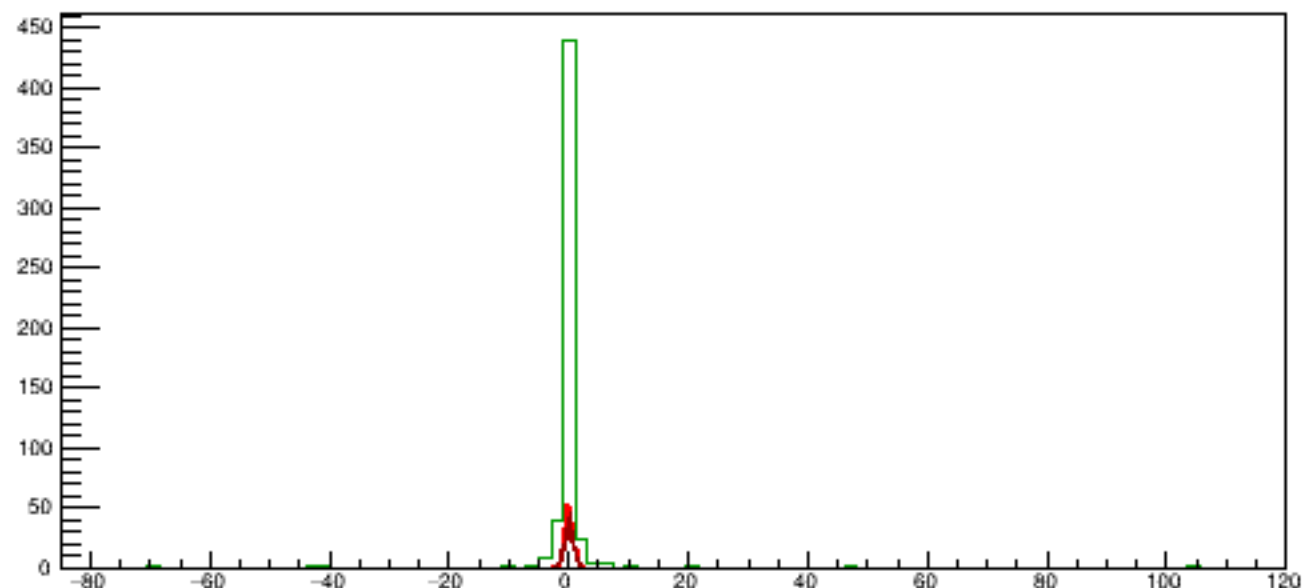
Std Dev: 6.5784 +/- 0.2028

Entries: 1205

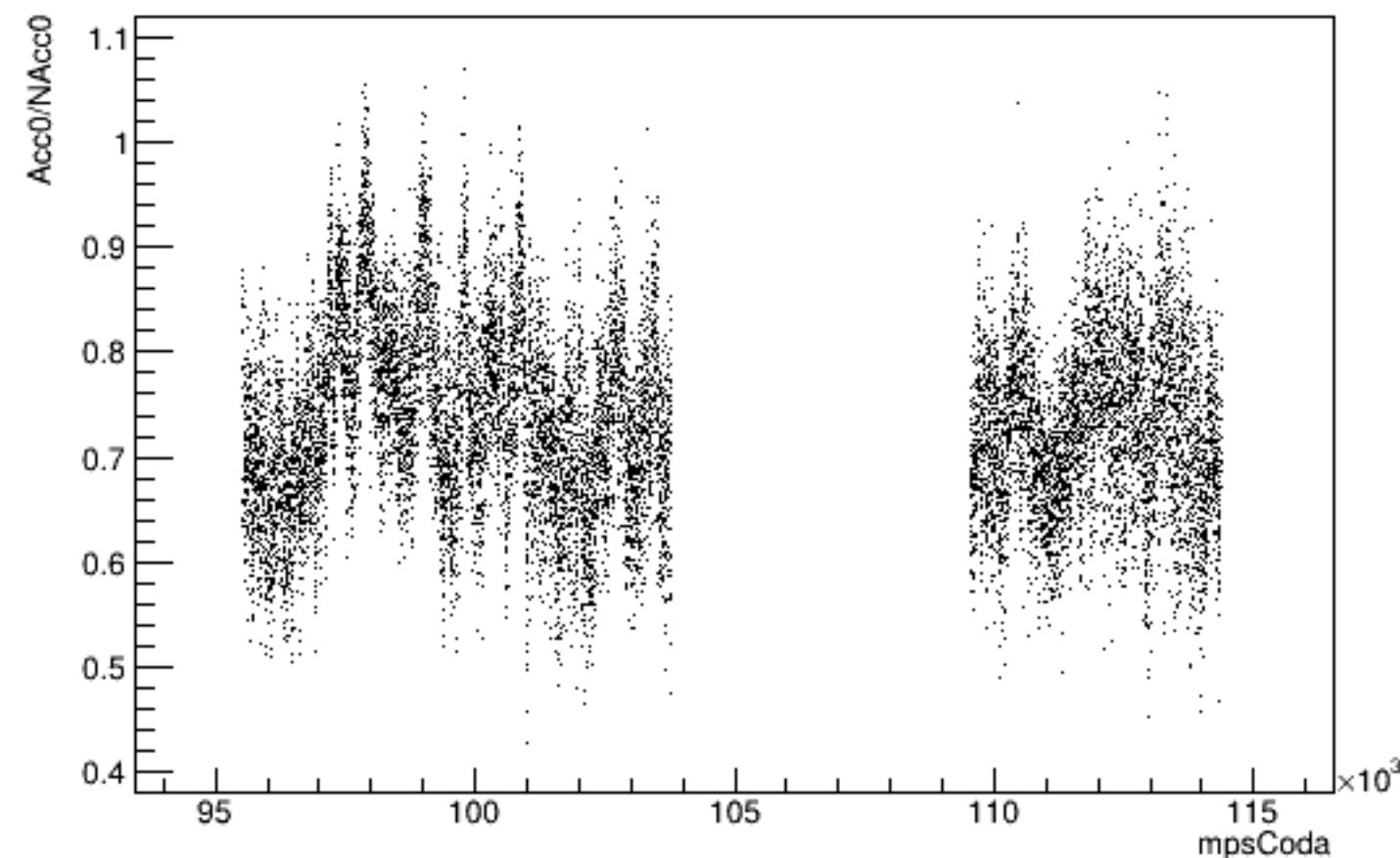
Mean: 0.0461 +/- 0.0229

Std Dev: 0.7936 +/- 0.0162

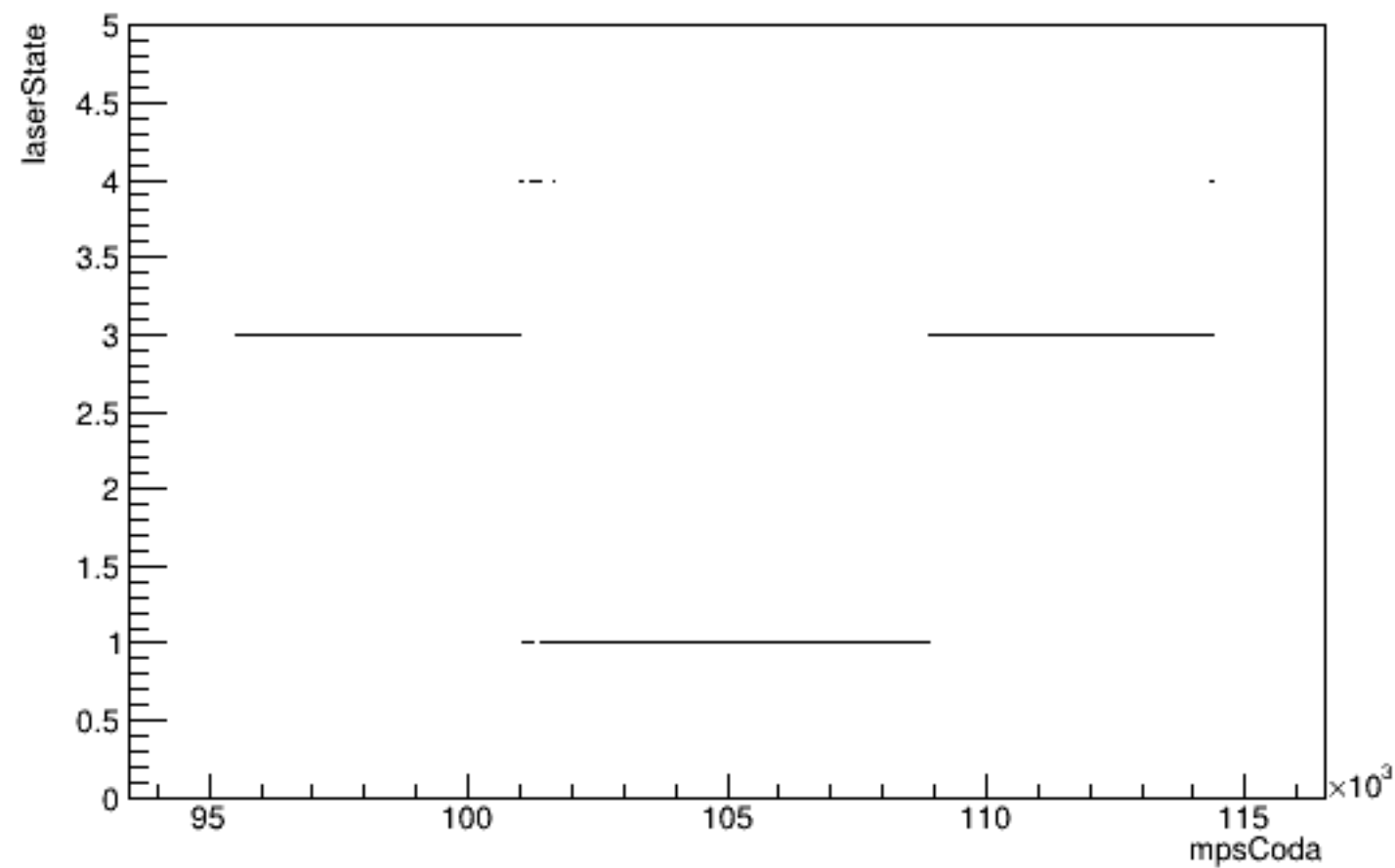
Run 6253 quartetwise, Asyms



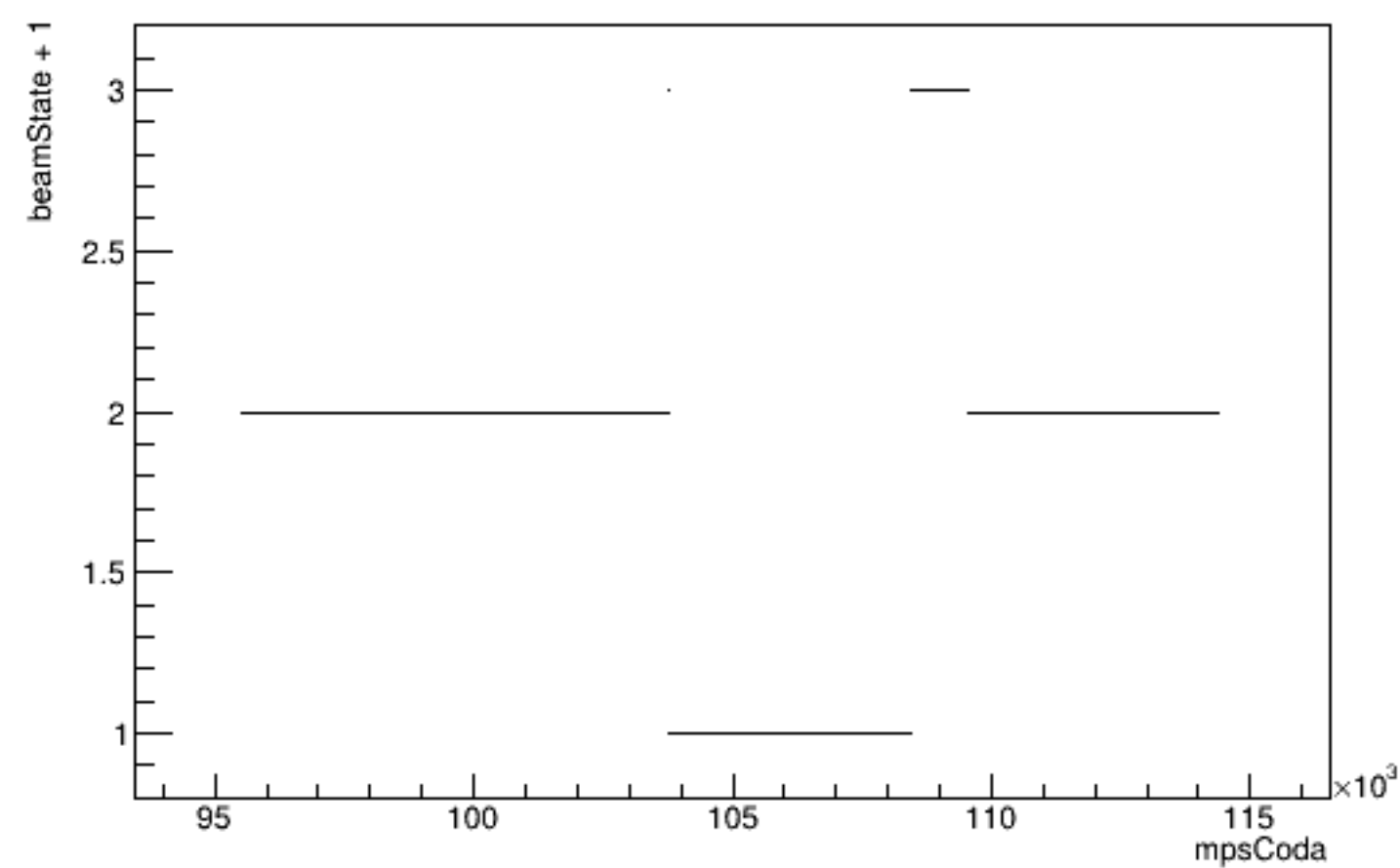
Acc0/NAcc0:mpsCoda {mpsCoda>=95521 && mpsCoda<=114372 && beamState==1}



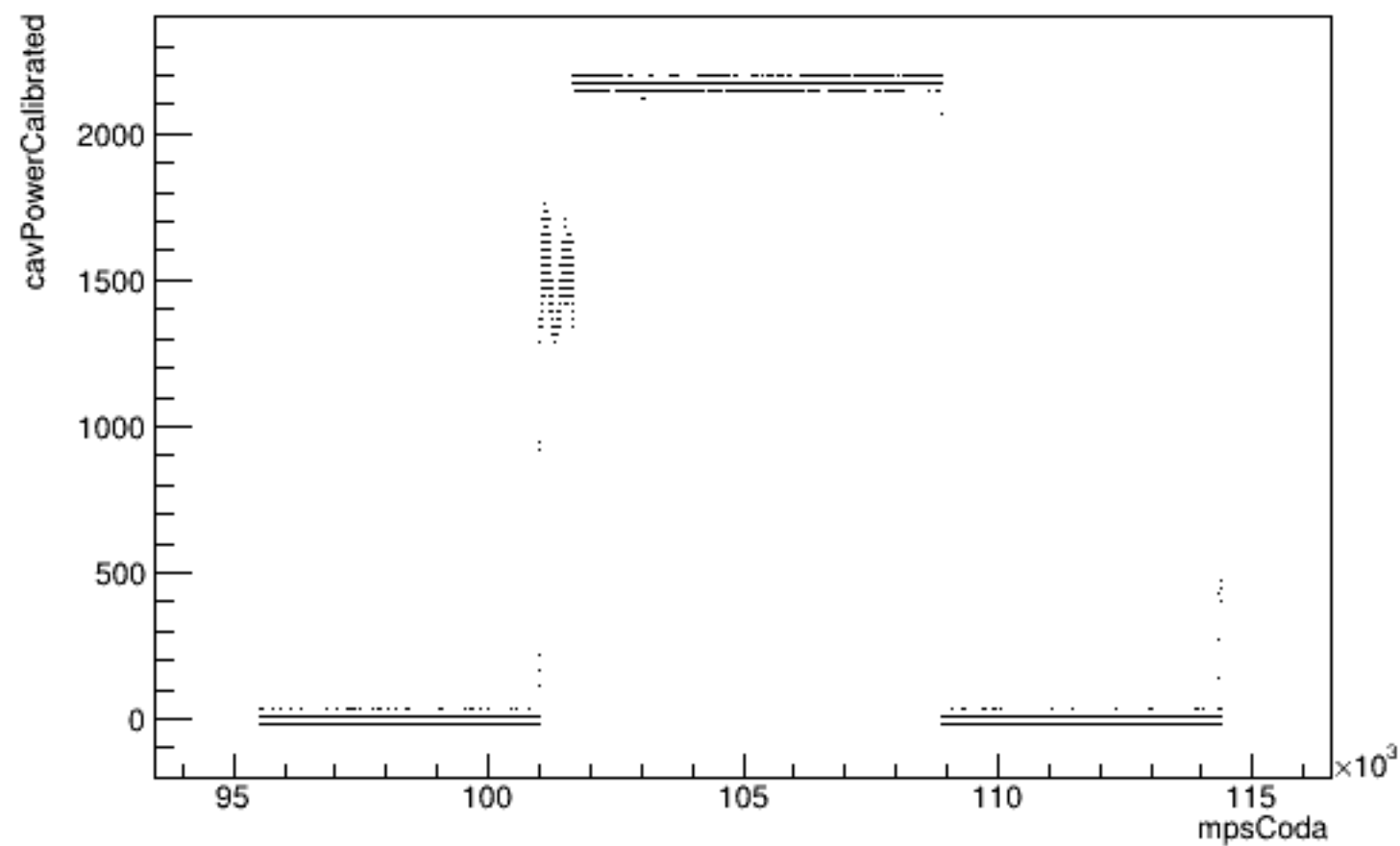
laserState:mpsCoda {mpsCoda>=95521 && mpsCoda<=114372}



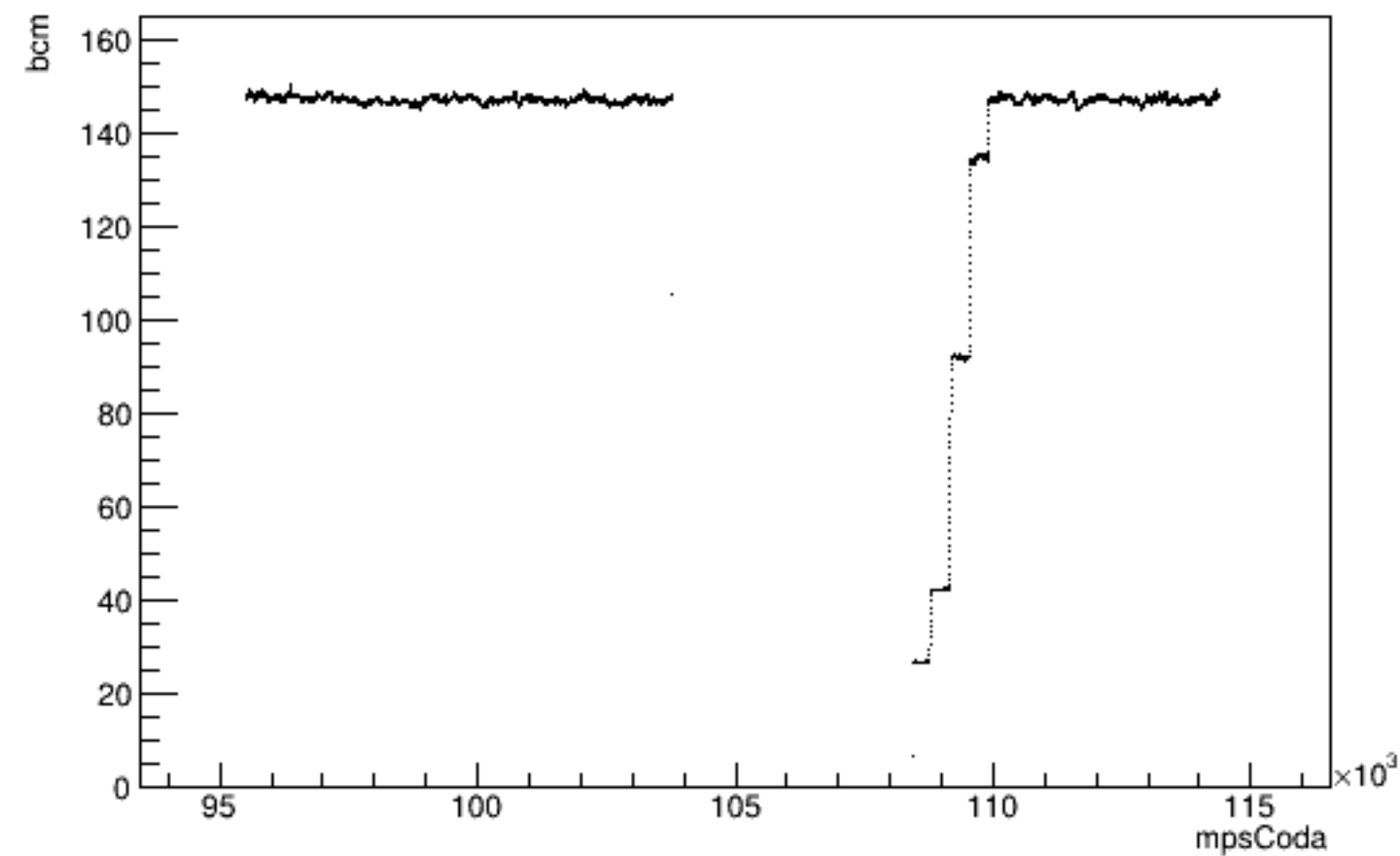
beamState + 1:mpsCoda {mpsCoda>=95521 && mpsCoda<=114372}



cavPowerCalibrated:mpsCoda {mpsCoda>=95521 && mpsCoda<=114372}



bcm:mpsCoda {mpsCoda>=95521 && mpsCoda<=114372}



Cycle 4, Diffs

Entries: 1205

Mean: -0.0025 +/- 0.0012

Std Dev: 0.0429 +/- 0.0009

Entries: 1458

Mean: -0.0001 +/- 0.0011

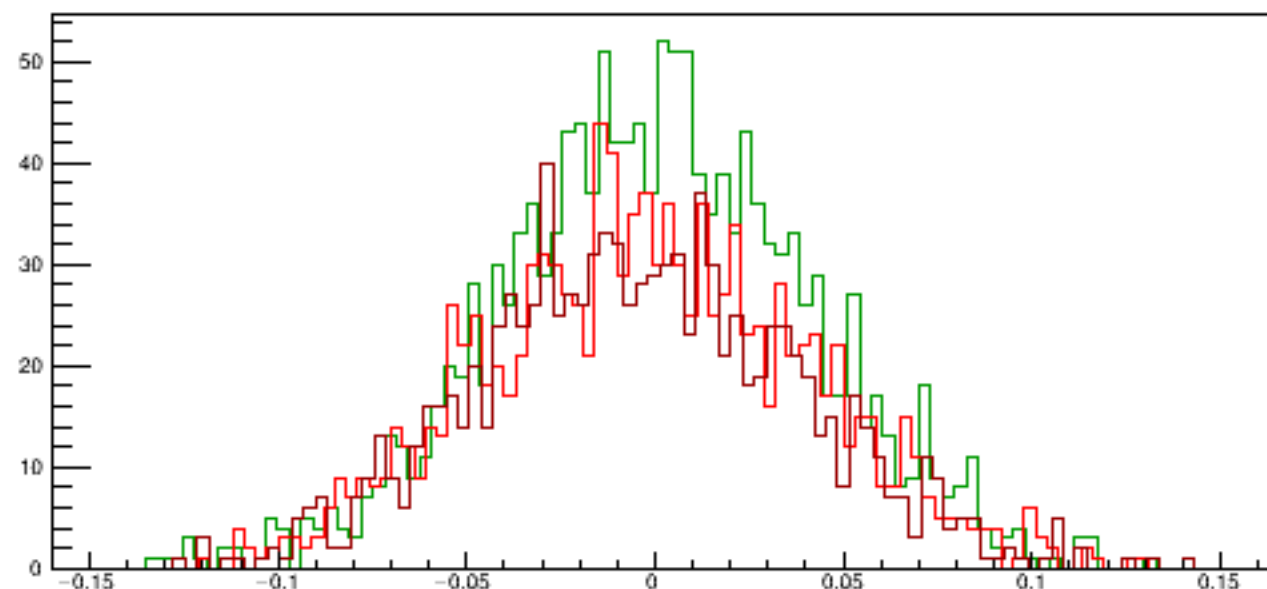
Std Dev: 0.0413 +/- 0.0008

Entries: 1050

Mean: -0.0042 +/- 0.0013

Std Dev: 0.0426 +/- 0.0009

Run 6253 quartetwise, Diffs



Cycle 4, Sums

Entries: 1205

Mean: 1.4551 +/- 0.0037

Std Dev: 0.1289 +/- 0.0026

Entries: 1458

Mean: 1.4617 +/- 0.0037

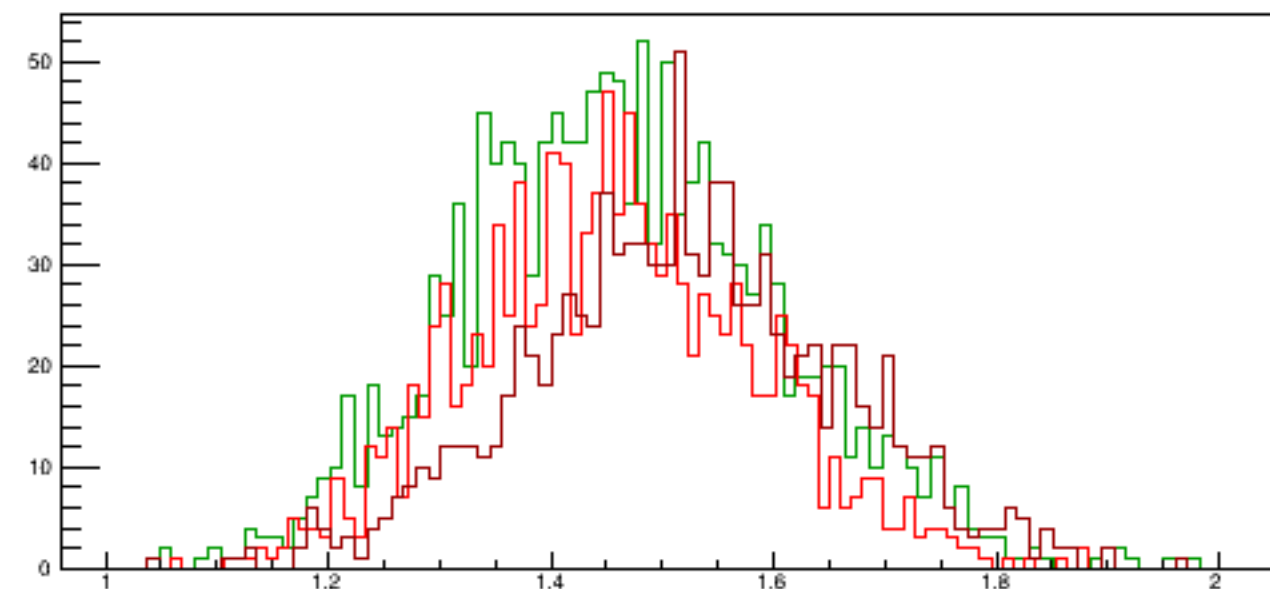
Std Dev: 0.1428 +/- 0.0026

Entries: 1050

Mean: 1.5170 +/- 0.0043

Std Dev: 0.1394 +/- 0.0030

Run 6253 quartetwise, Sums



Cycle 4, Asyms

Entries: 1205

Mean: 0.1025 +/- 0.0509

Std Dev: 1.7658 +/- 0.0360

Entries: 1458

Mean: 0.0112 +/- 0.1691

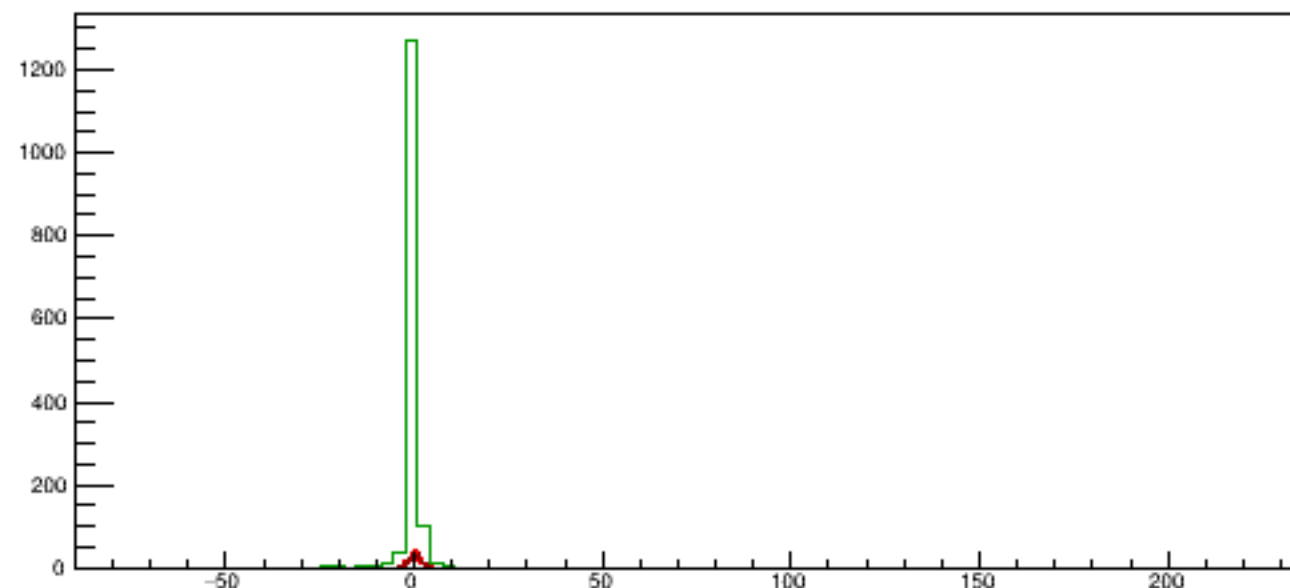
Std Dev: 6.4565 +/- 0.1196

Entries: 1050

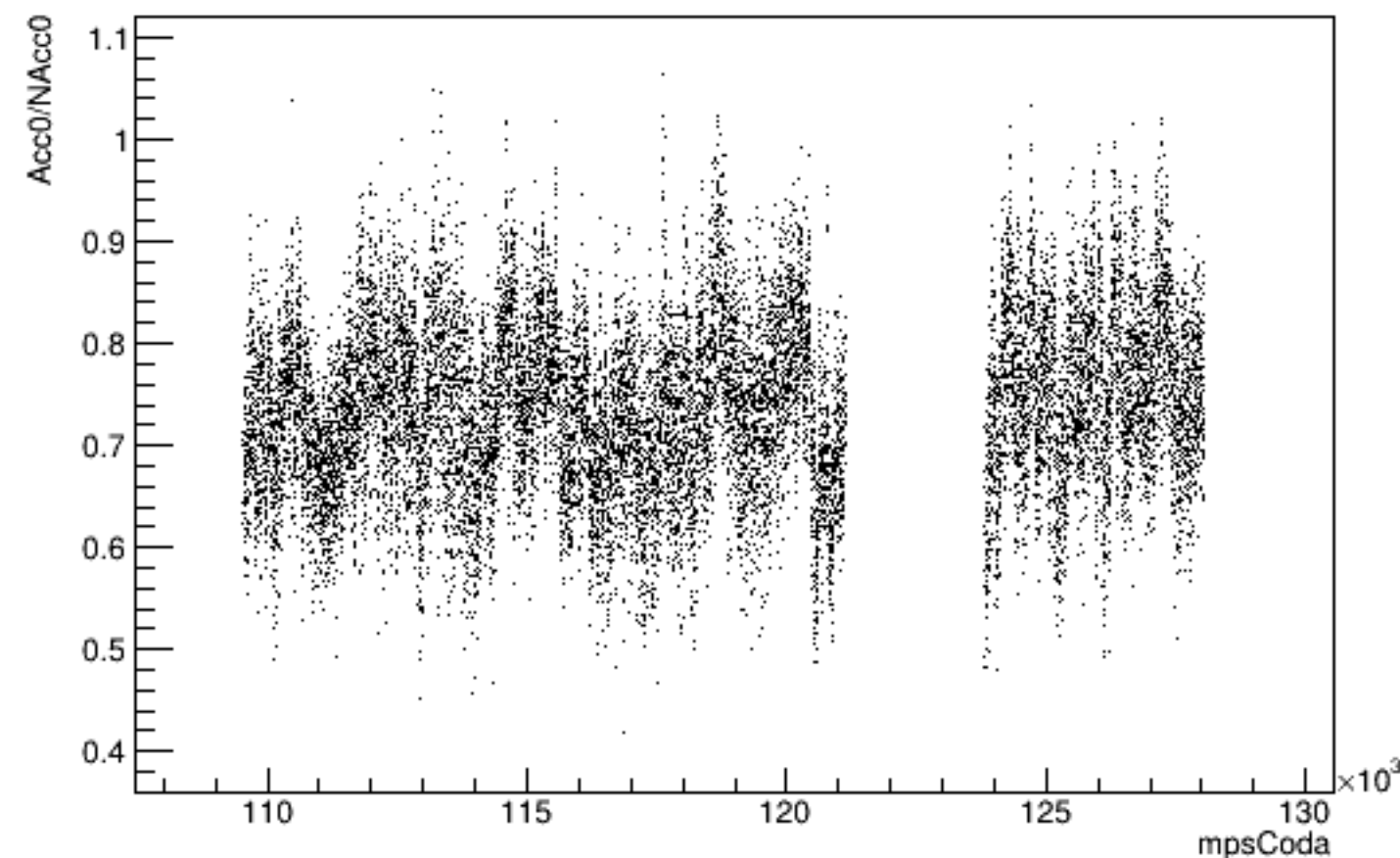
Mean: 0.1713 +/- 0.0541

Std Dev: 1.7537 +/- 0.0383

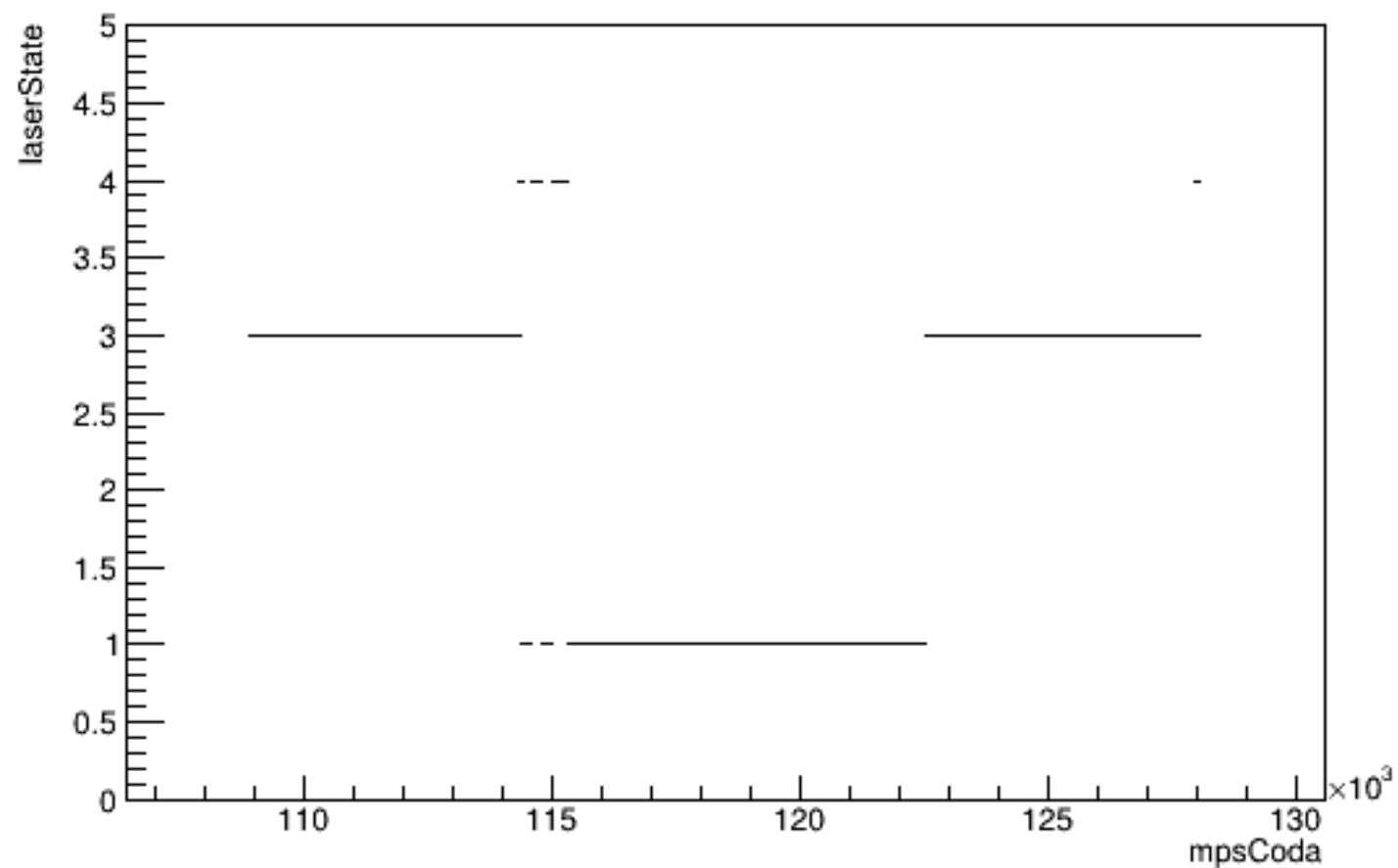
Run 6253 quartetwise, Asyms



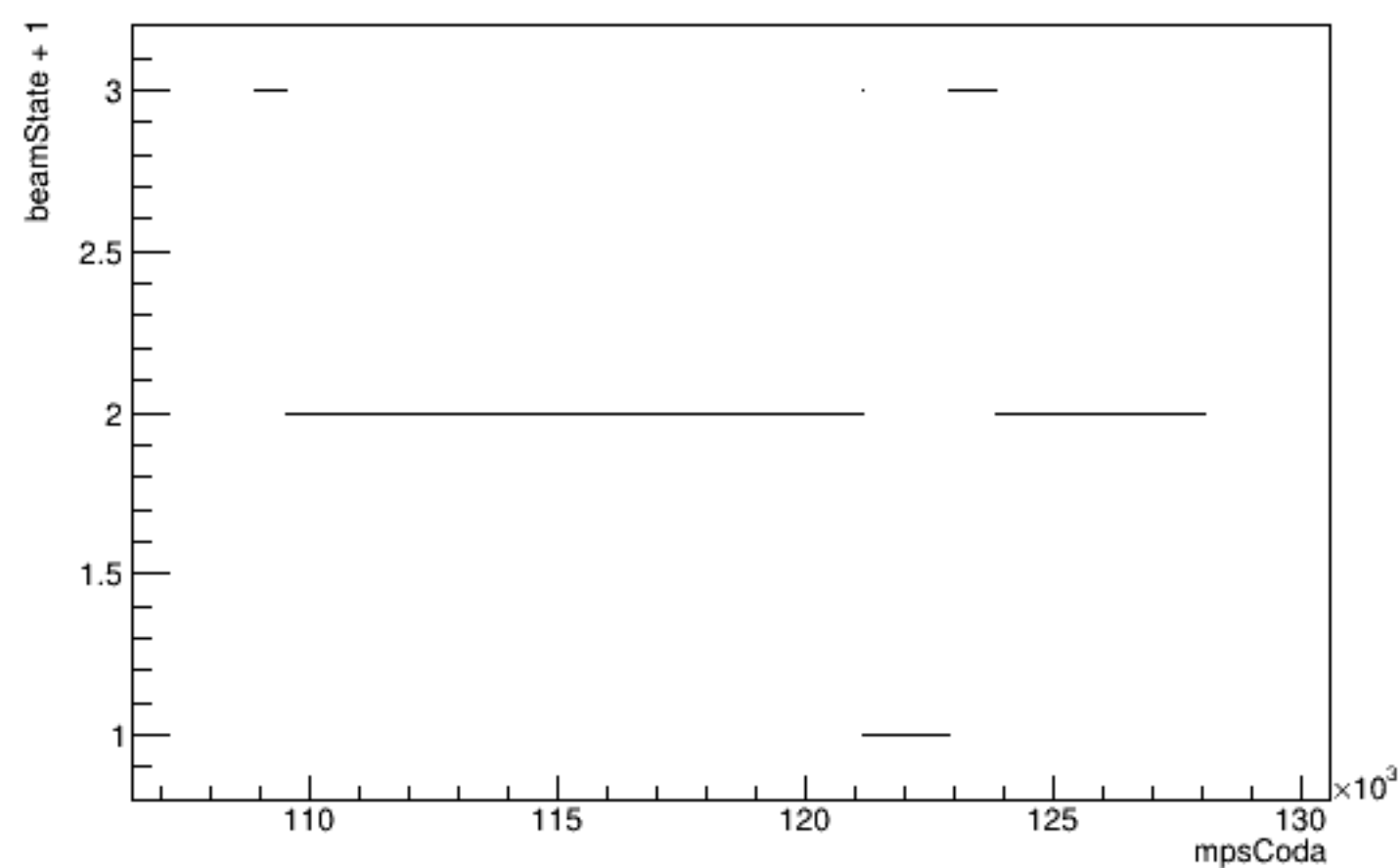
Acc0/NAcc0:mpsCoda (mpsCoda>=108885 && mpsCoda<=128036 && beamState==1)



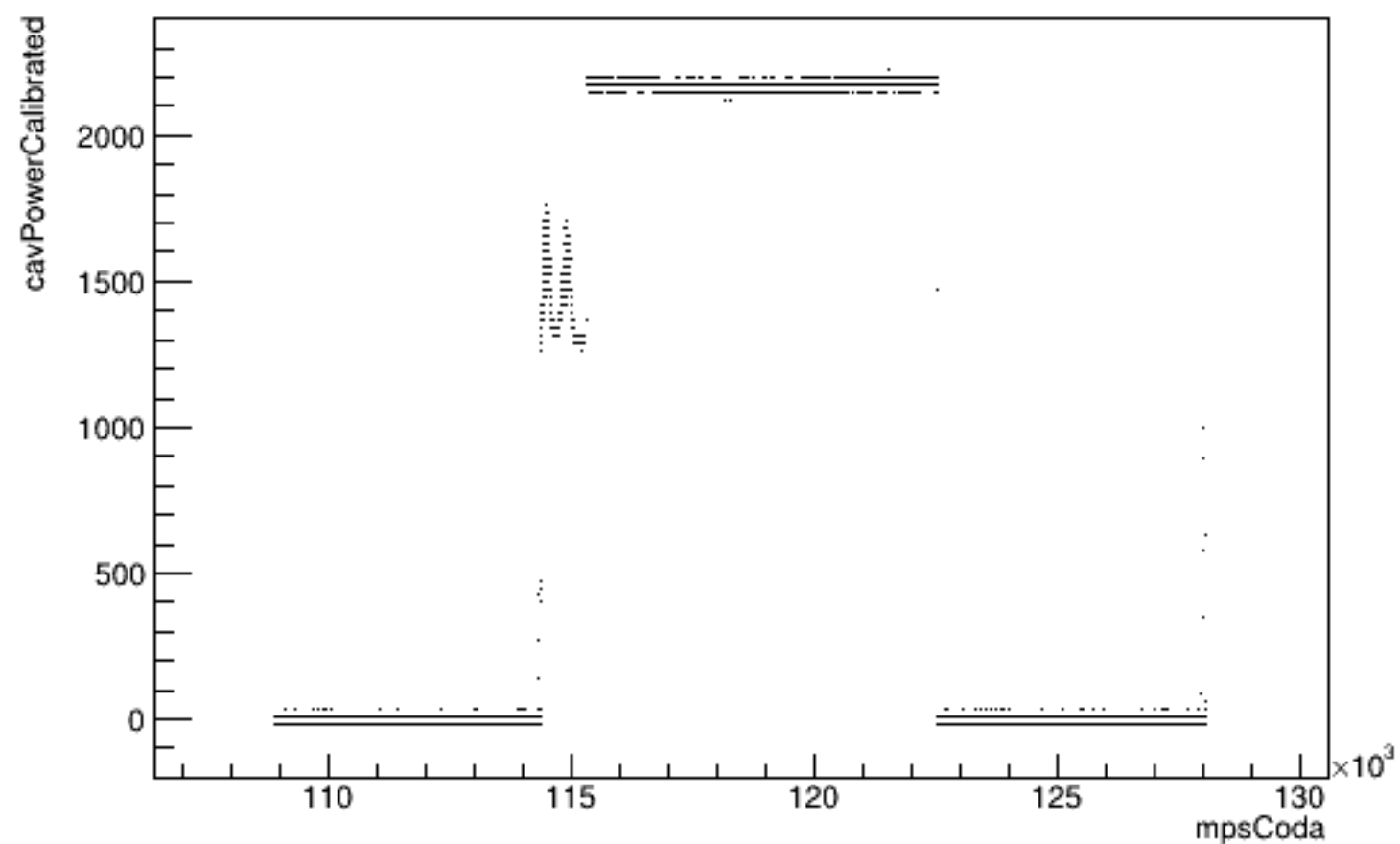
laserState:mpsCoda {mpsCoda>=108885 && mpsCoda<=128036}



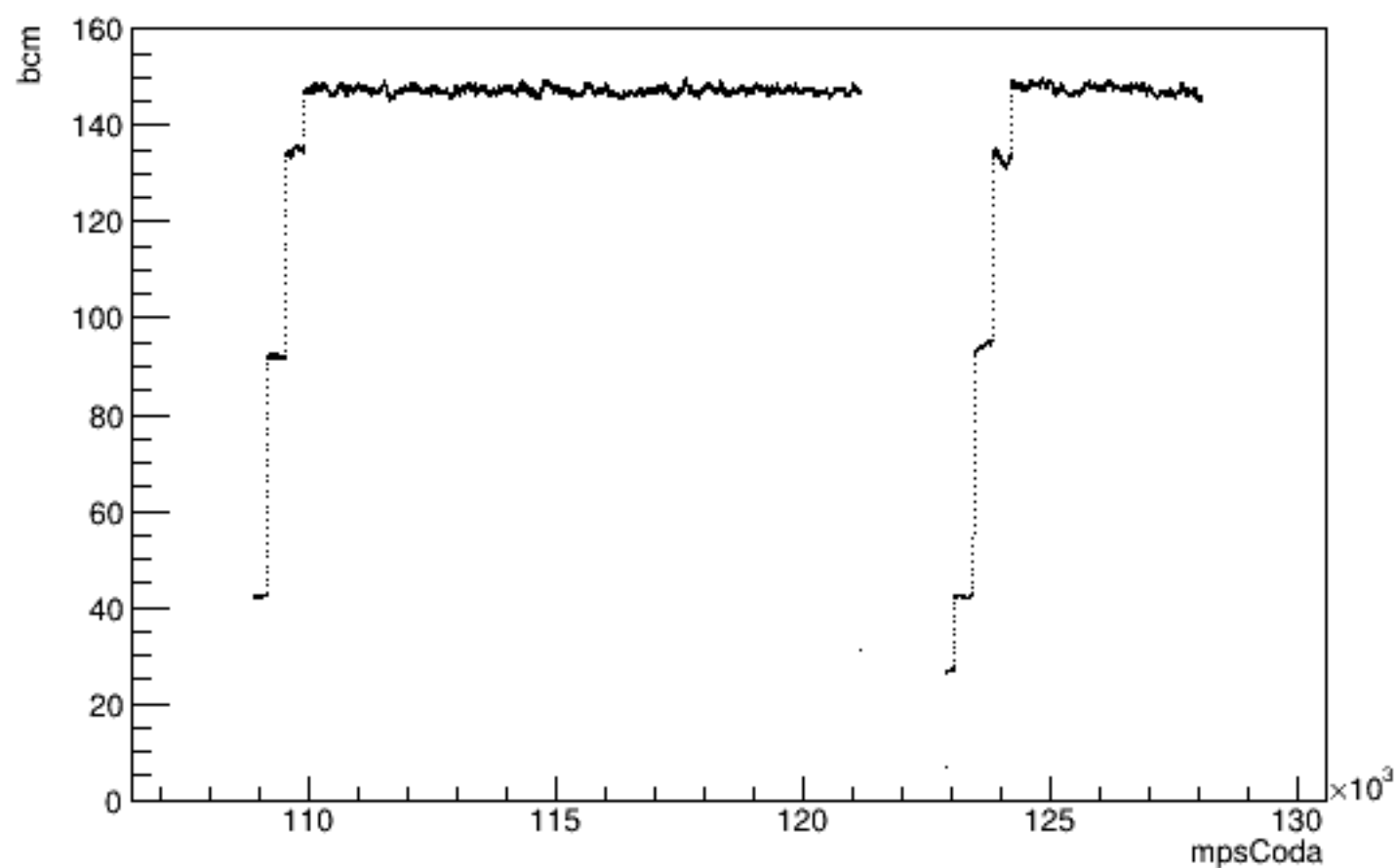
beamState + 1:mpsCoda {mpsCoda>=108885 && mpsCoda<=128036}



cavPowerCalibrated:mpsCoda {mpsCoda>=108885 && mpsCoda<=128036}



bcm:mpsCoda {mpsCoda>=108885 && mpsCoda<=128036}



Cycle 5, Diffs

Entries: 1050

Mean: -0.0042 +/- 0.0013

Std Dev: 0.0426 +/- 0.0009

Entries: 1547

Mean: -0.0019 +/- 0.0011

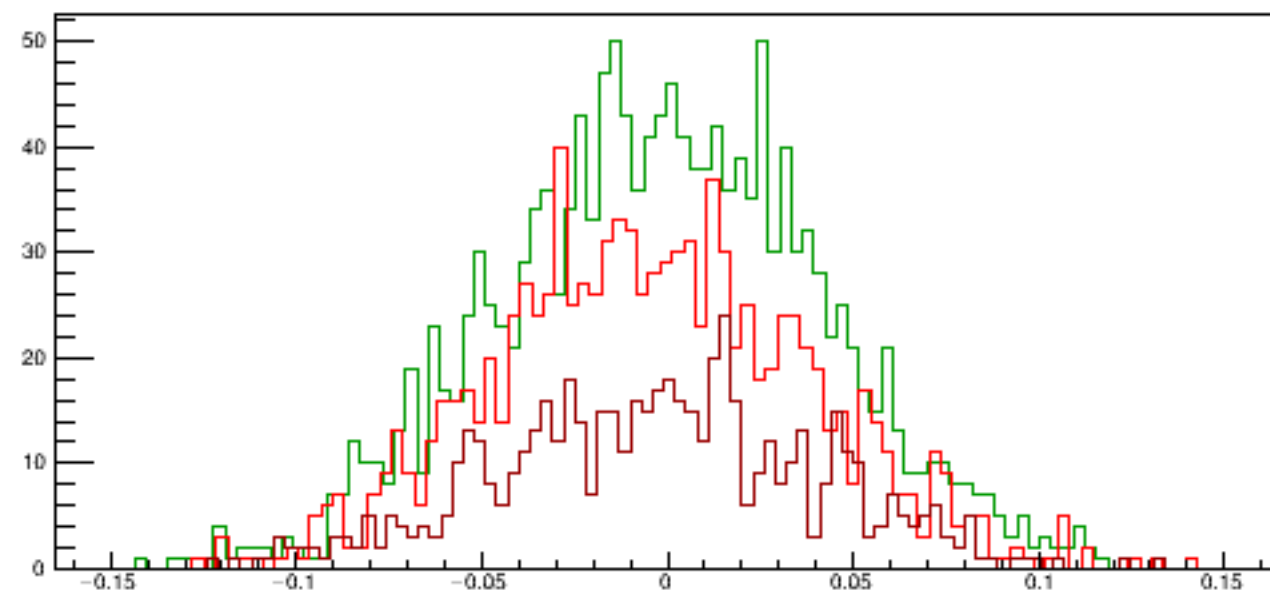
Std Dev: 0.0433 +/- 0.0008

Entries: 569

Mean: -0.0033 +/- 0.0018

Std Dev: 0.0431 +/- 0.0013

Run 6253 quartetwise, Diffs



Cycle 5, Sums

Entries: 1050

Mean: 1.5170 +/- 0.0043

Std Dev: 0.1394 +/- 0.0030

Entries: 1547

Mean: 1.6111 +/- 0.0039

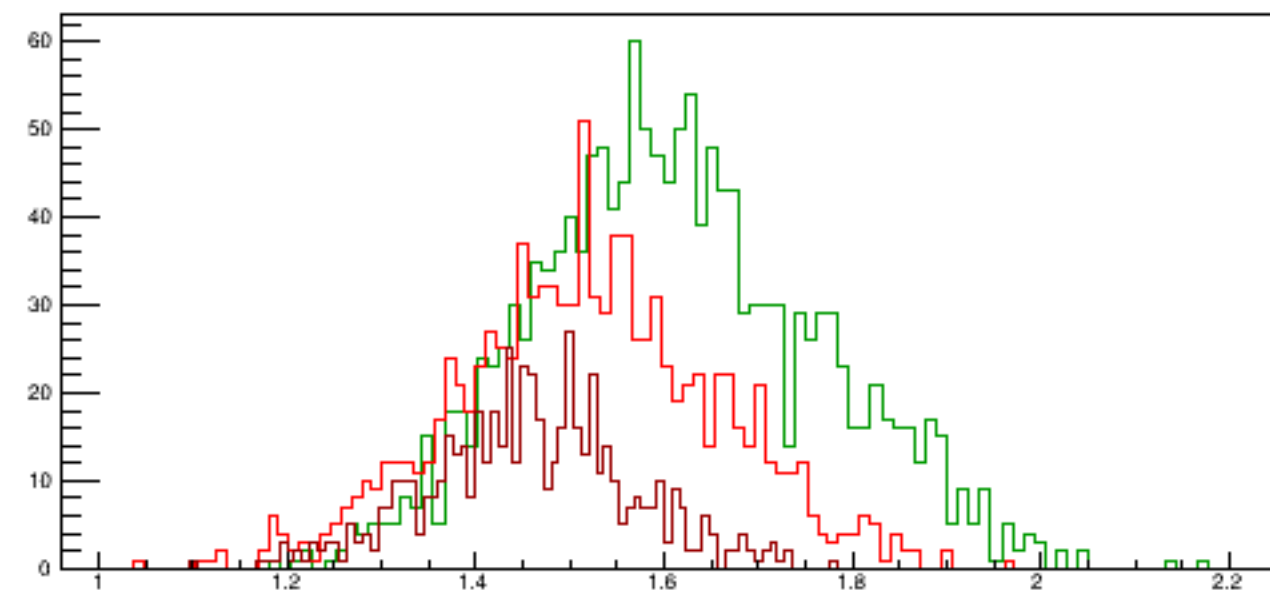
Std Dev: 0.1522 +/- 0.0027

Entries: 569

Mean: 1.4566 +/- 0.0046

Std Dev: 0.1086 +/- 0.0032

Run 6253 quartetwise, Sums



Cycle 5, Asyms

Entries: 1050

Mean: -0.0335 +/- 0.0106

Std Dev: 0.3429 +/- 0.0075

Entries: 1547

Mean: -0.2651 +/- 0.5254

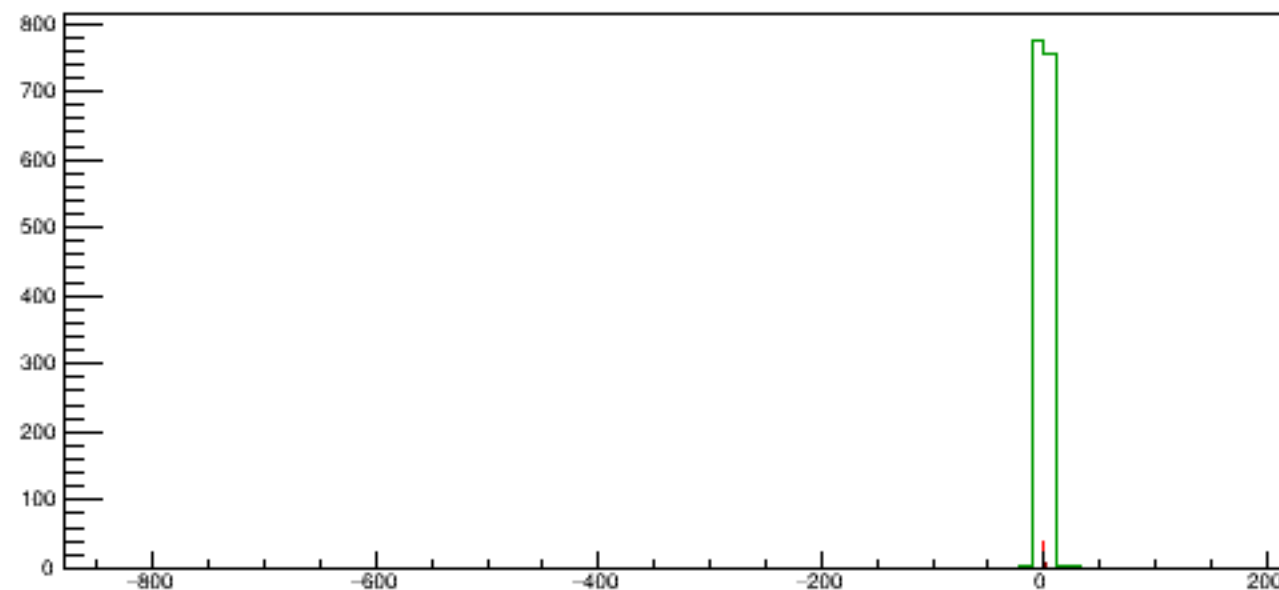
Std Dev: 20.6659 +/- 0.3715

Entries: 569

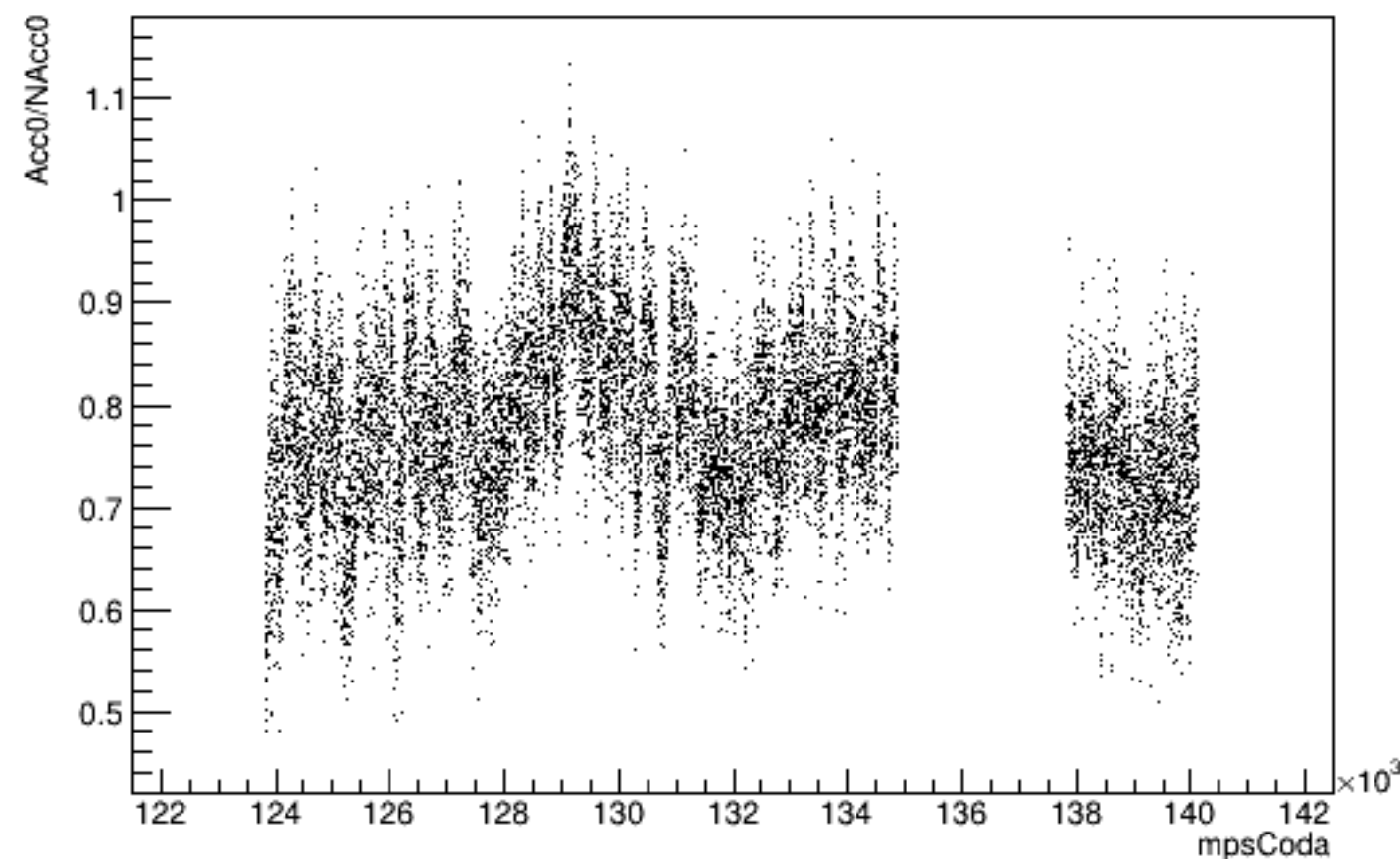
Mean: -0.0266 +/- 0.0145

Std Dev: 0.3470 +/- 0.0103

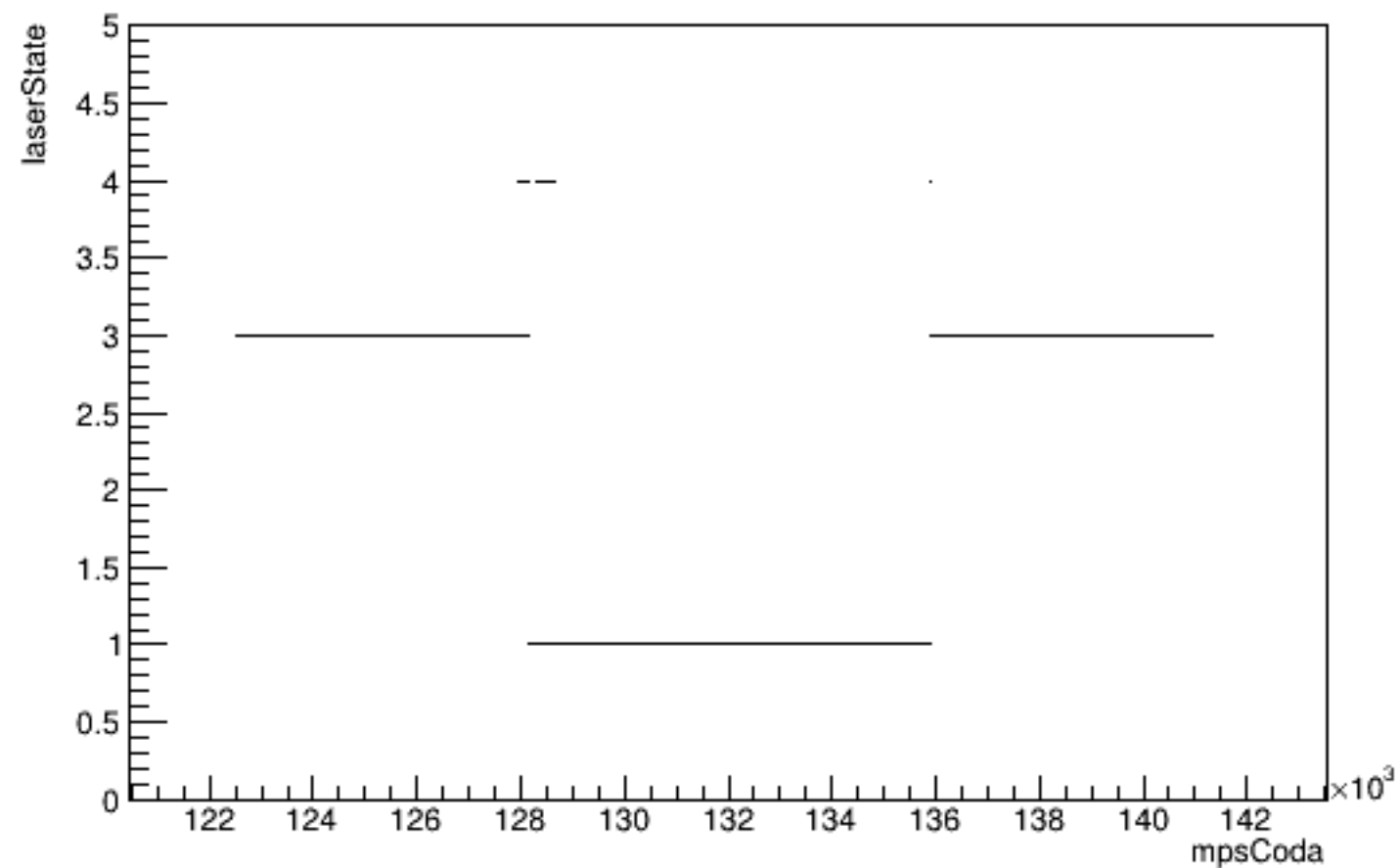
Run 6253 quartetwise, Asyms



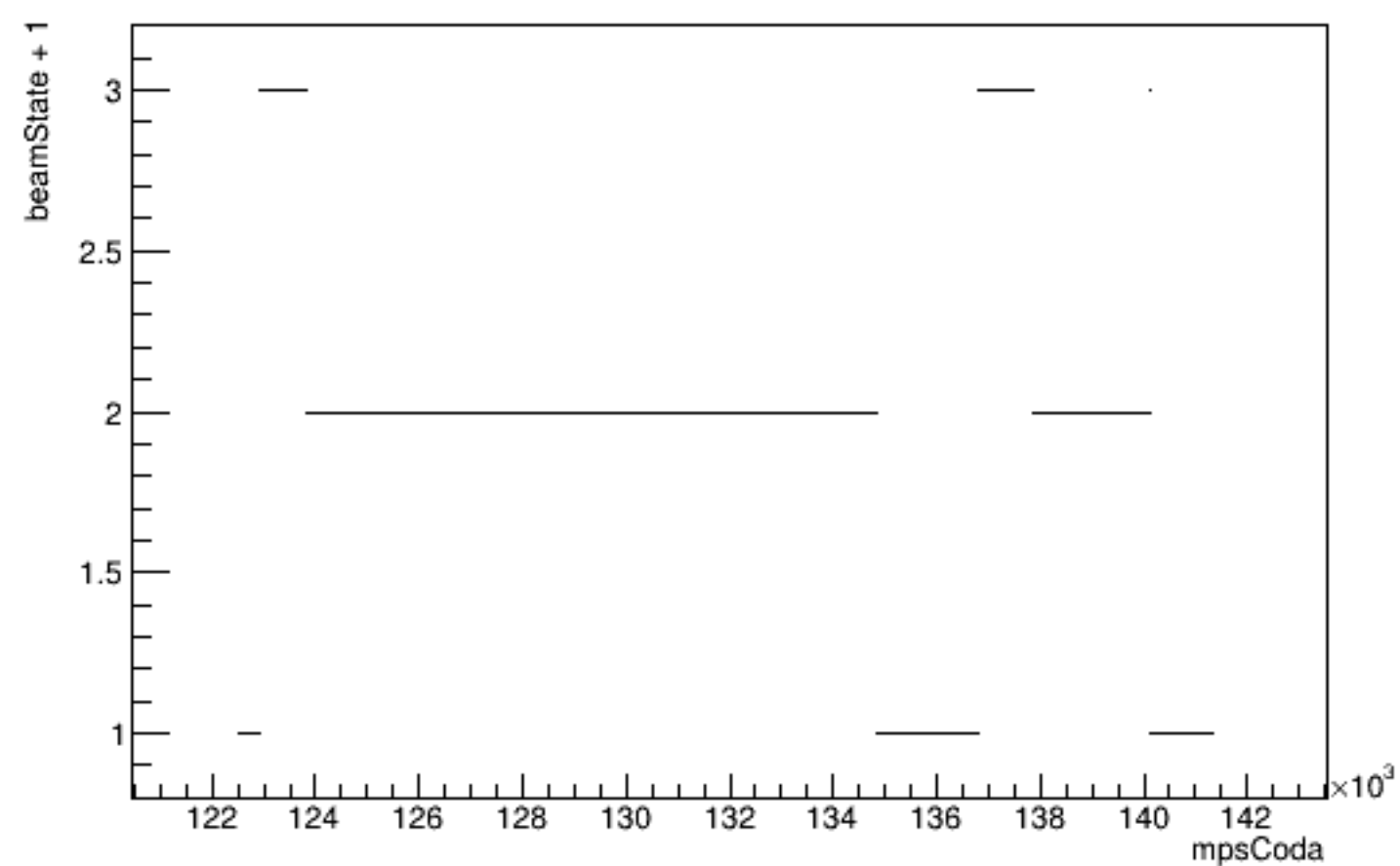
Acc0/NAcc0:mpsCoda (mpsCoda>=122509 && mpsCoda<=141352 && beamState==1)



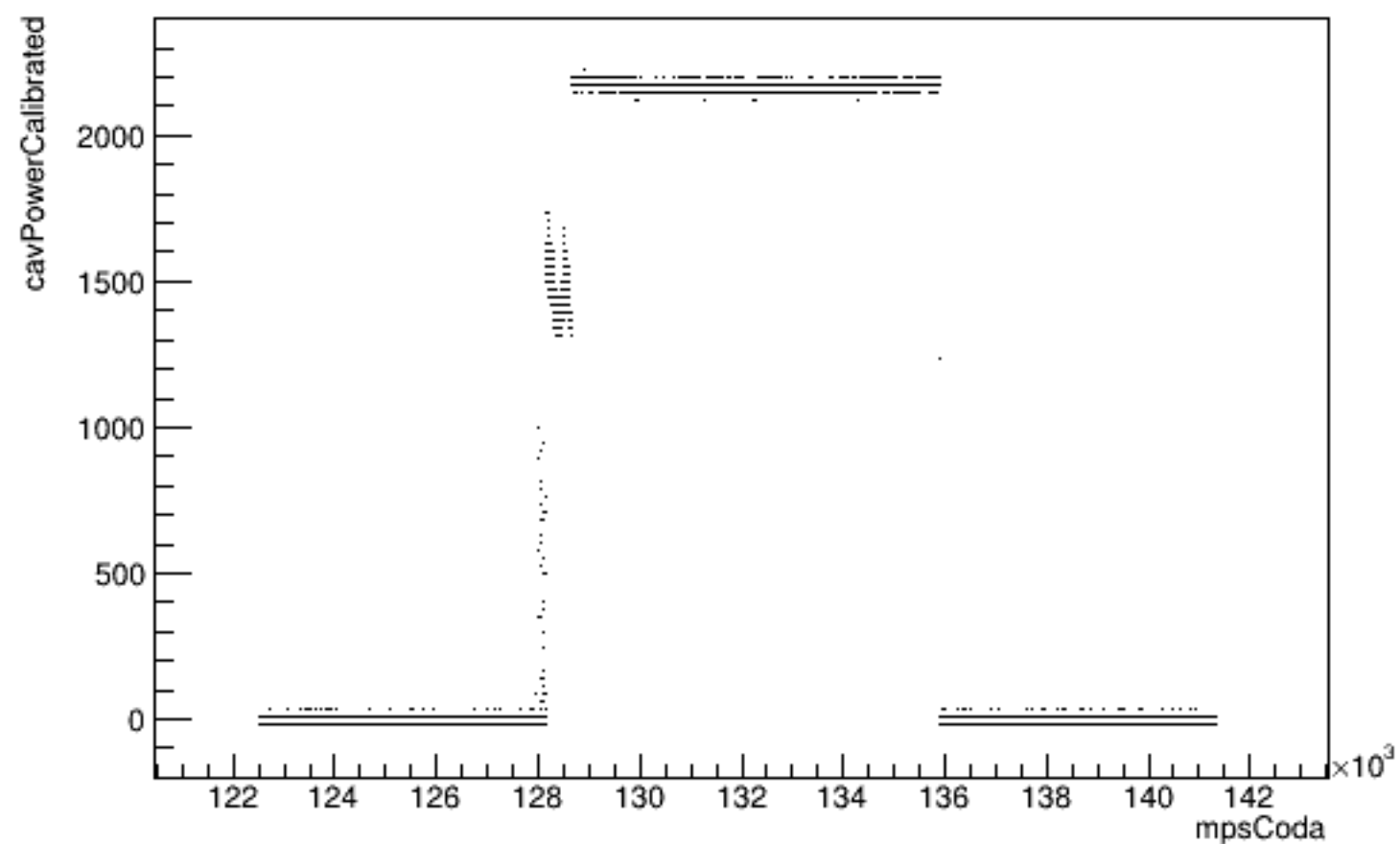
laserState:mpsCoda {mpsCoda>=122509 && mpsCoda<=141352}



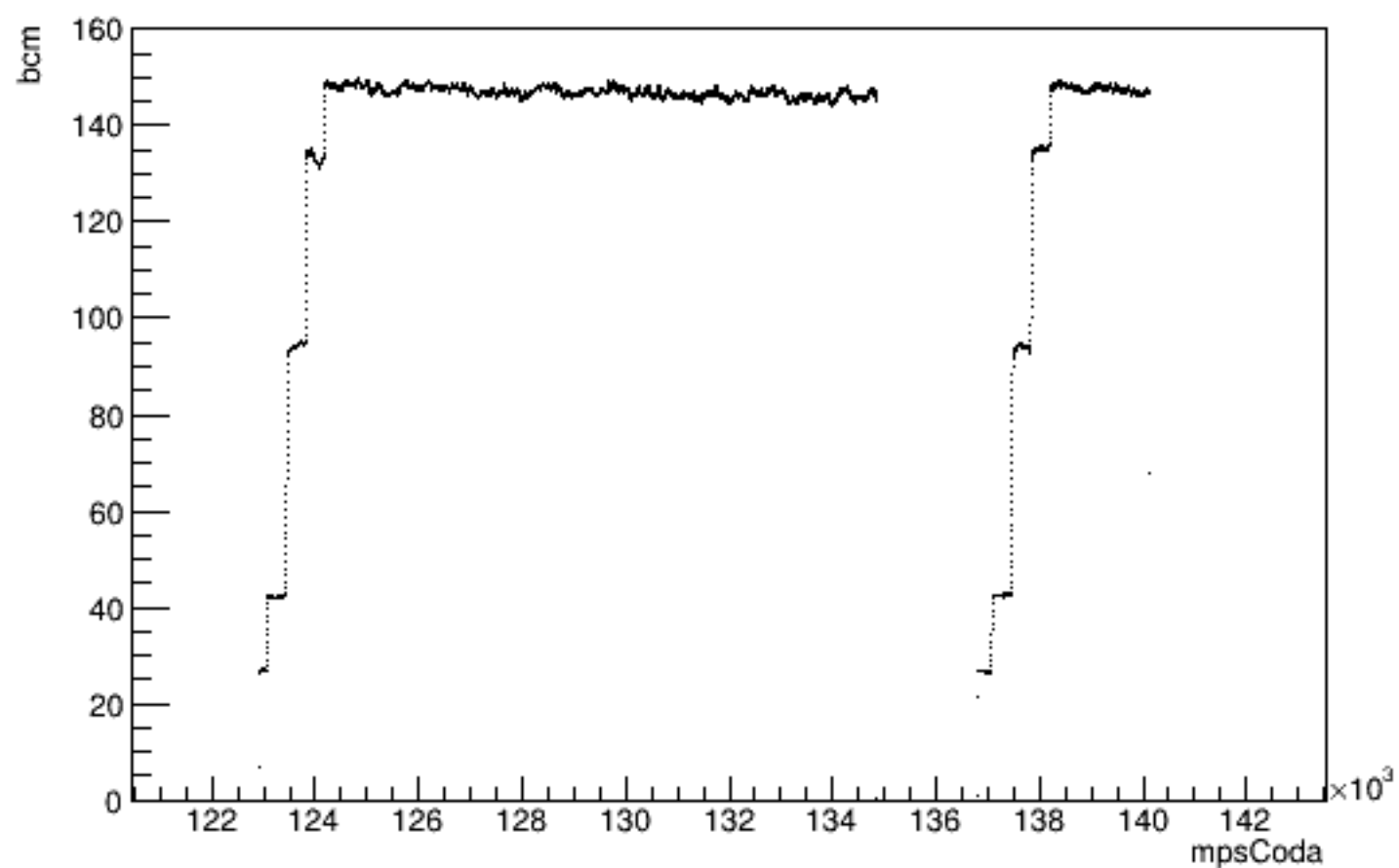
beamState + 1:mpsCoda {mpsCoda>=122509 && mpsCoda<=141352}



cavPowerCalibrated:mpsCoda {mpsCoda>=122509 && mpsCoda<=141352}



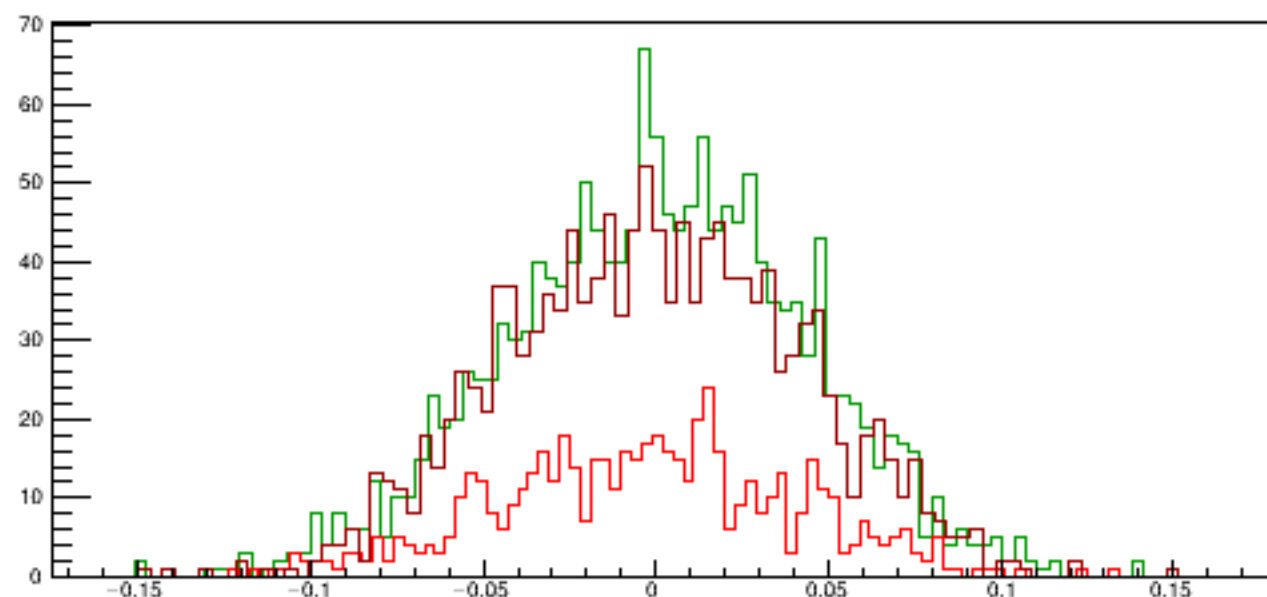
bcm:mpsCoda {mpsCoda>=122509 && mpsCoda<=141352}



Cycle 6, Diffs

Entries: 569	Entries: 1627	Entries: 1371
Mean: -0.0033 +/- 0.0018	Mean: 0.0005 +/- 0.0011	Mean: -0.0008 +/- 0.0011
Std Dev: 0.0431 +/- 0.0013	Std Dev: 0.0434 +/- 0.0008	Std Dev: 0.0424 +/- 0.0008

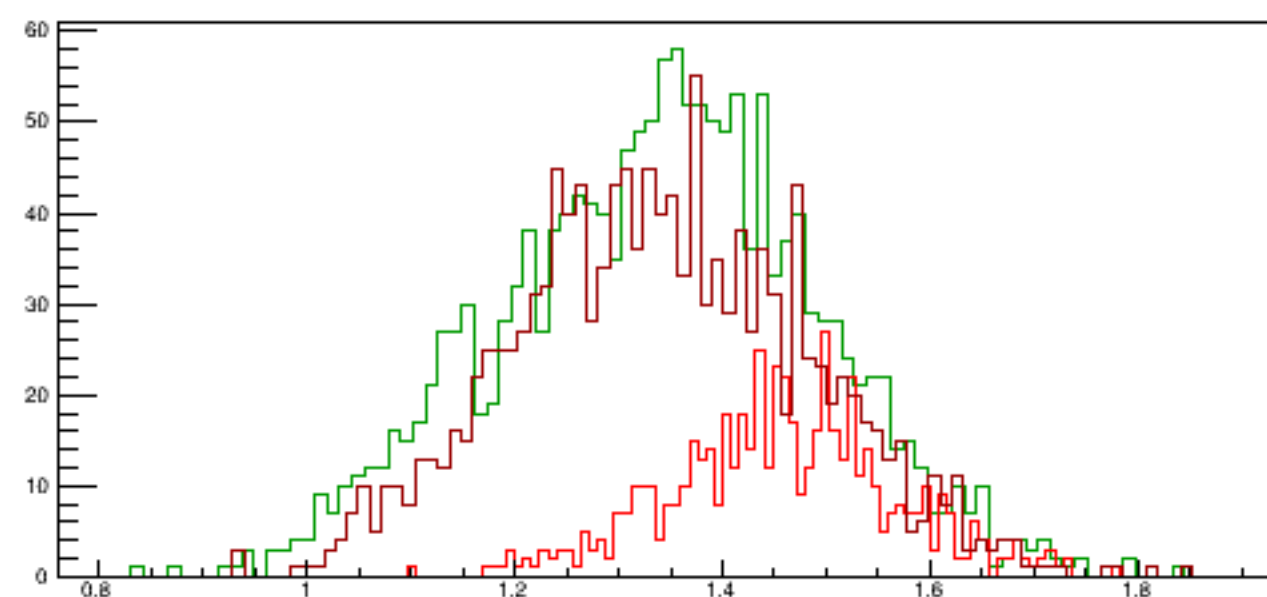
Run 6253 quartetwise, Diffs



Cycle 6, Sums

Entries: 569	Entries: 1627	Entries: 1371
Mean: 1.4566 +/- 0.0046	Mean: 1.3373 +/- 0.0038	Mean: 1.3411 +/- 0.0038
Std Dev: 0.1086 +/- 0.0032	Std Dev: 0.1525 +/- 0.0027	Std Dev: 0.1423 +/- 0.0027

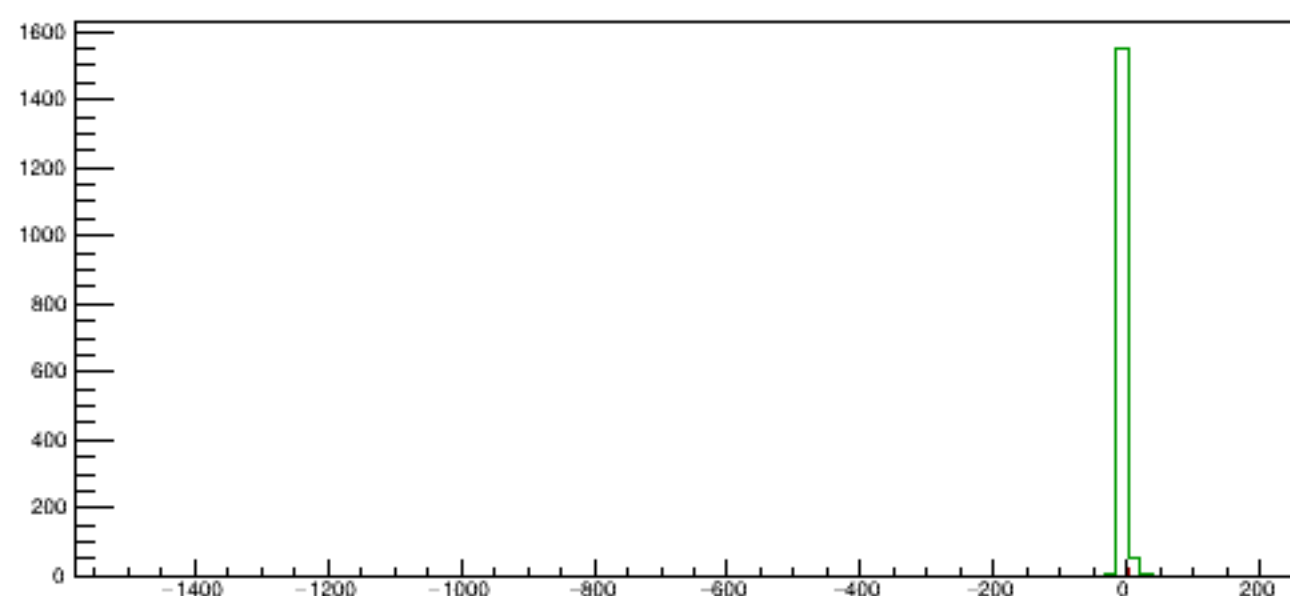
Run 6253 quartetwise, Sums



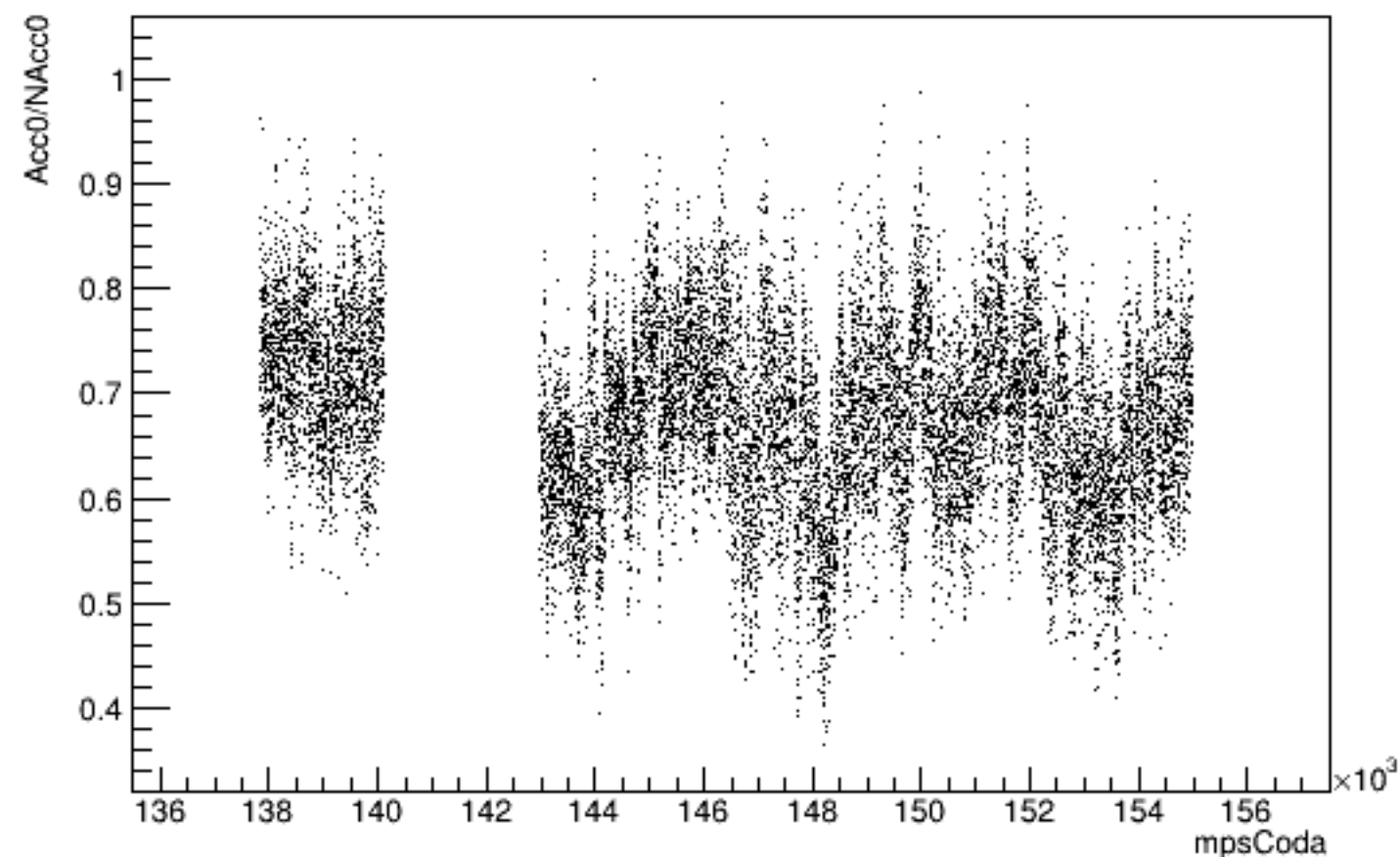
Cycle 6, Asyms

Entries: 569	Entries: 1627	Entries: 1371
Mean: 0.0537 +/- 0.0294	Mean: -1.0500 +/- 0.8928	Mean: 0.0136 +/- 0.0186
Std Dev: 0.7002 +/- 0.0208	Std Dev: 36.0101 +/- 0.6313	Std Dev: 0.6874 +/- 0.0131

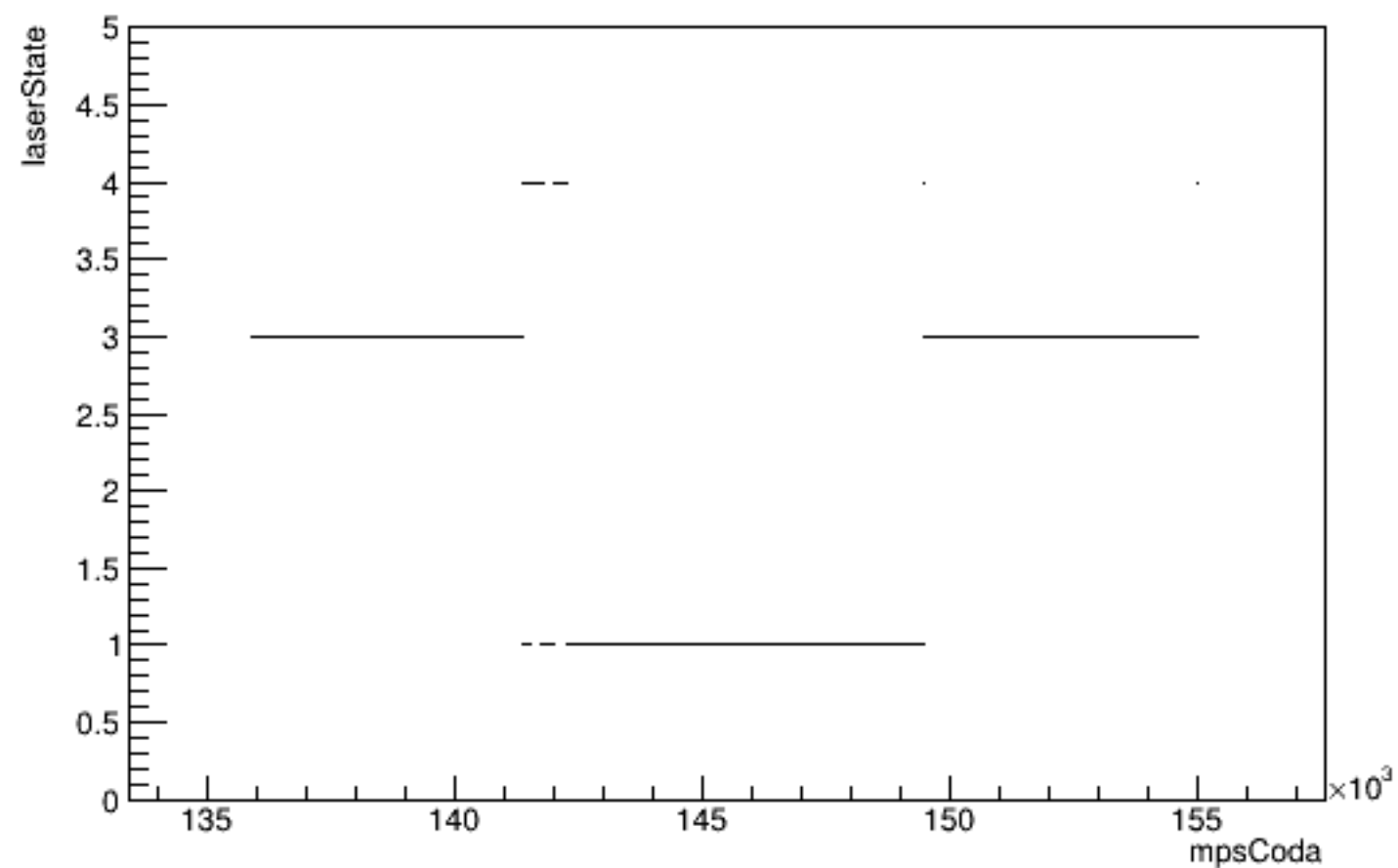
Run 6253 quartetwise, Asyms



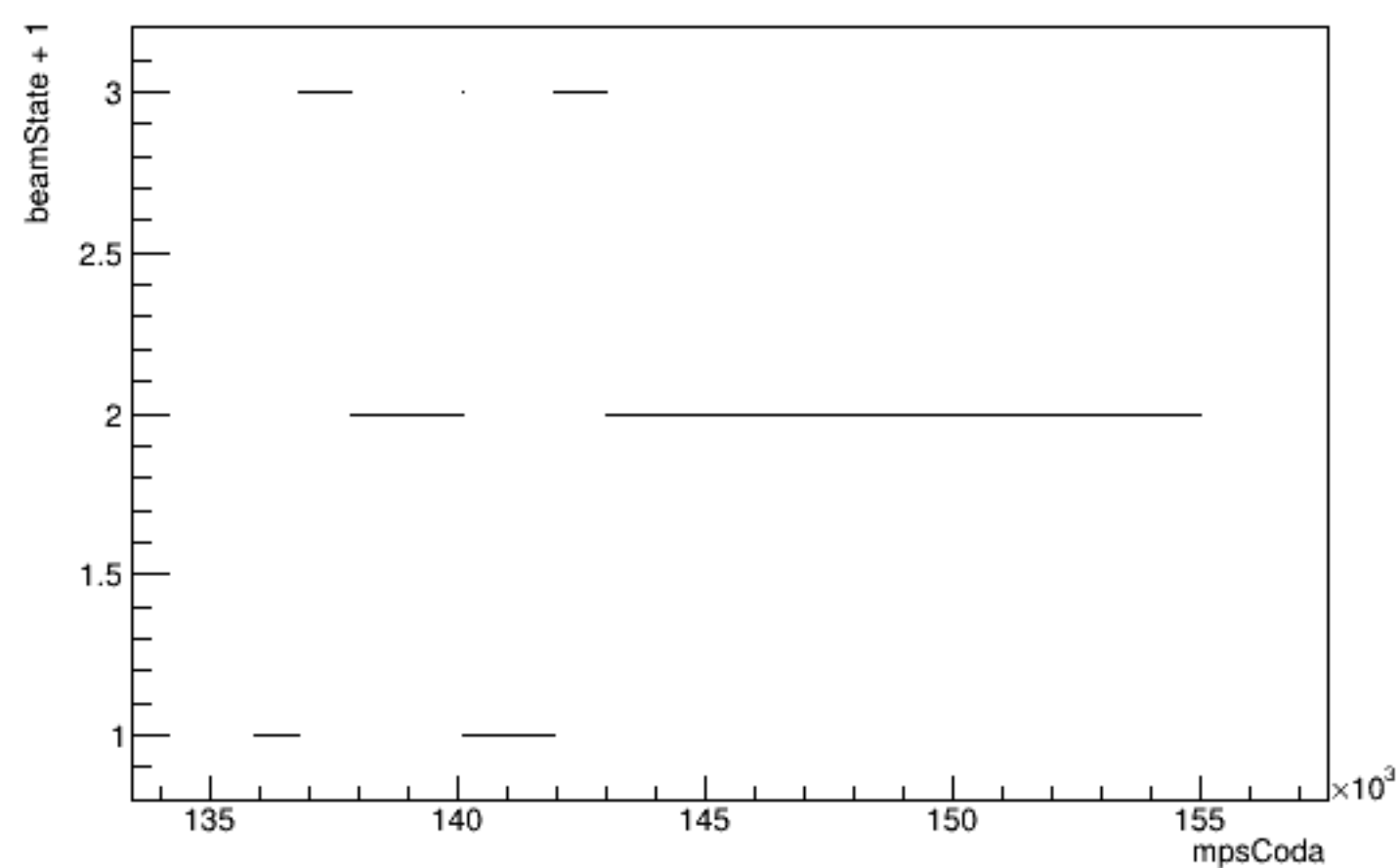
Acc0/NAcc0:mpsCoda (mpsCoda>=135885 && mpsCoda<=154976 && beamState==1)



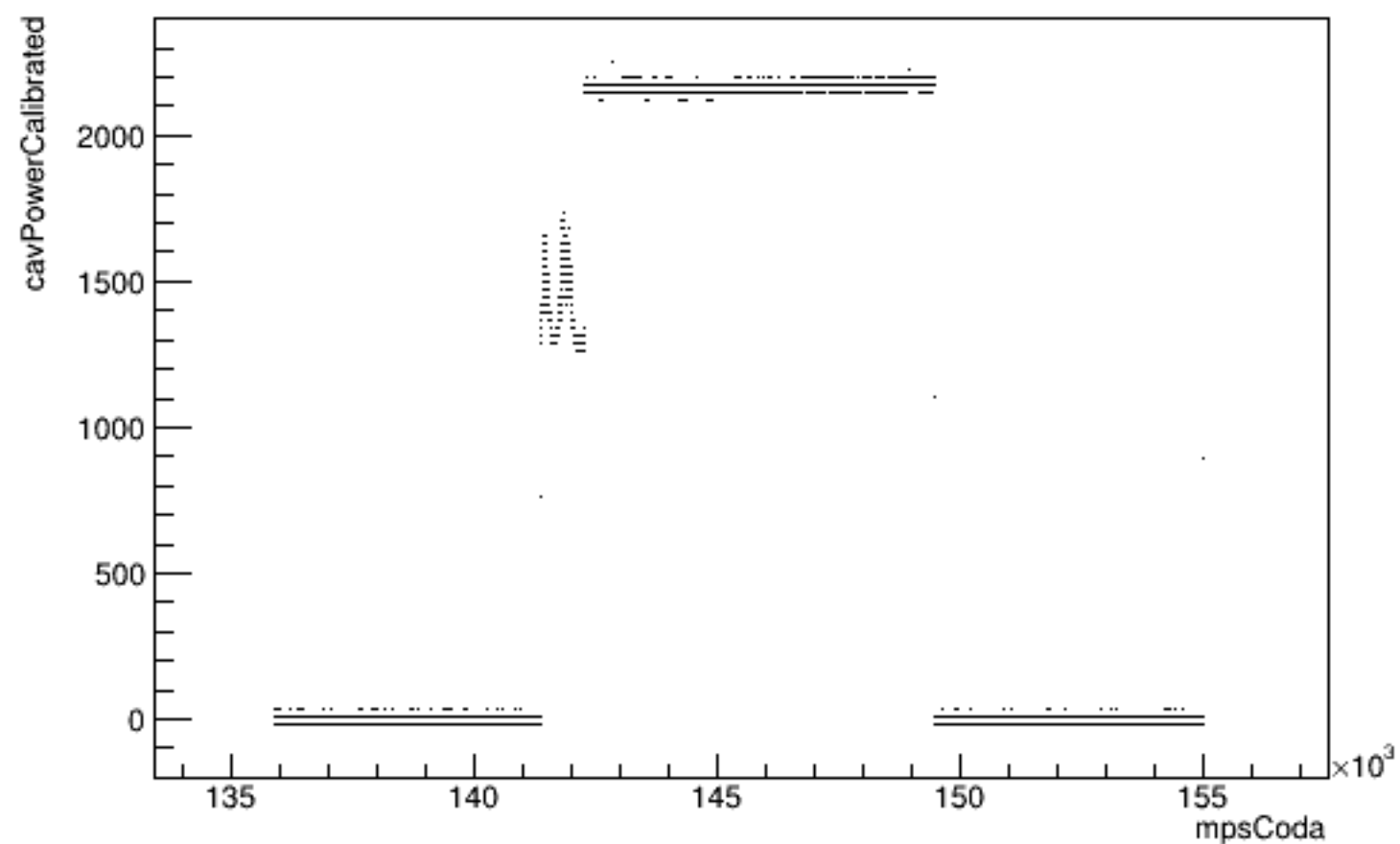
laserState:mpsCoda {mpsCoda>=135885 && mpsCoda<=154976}



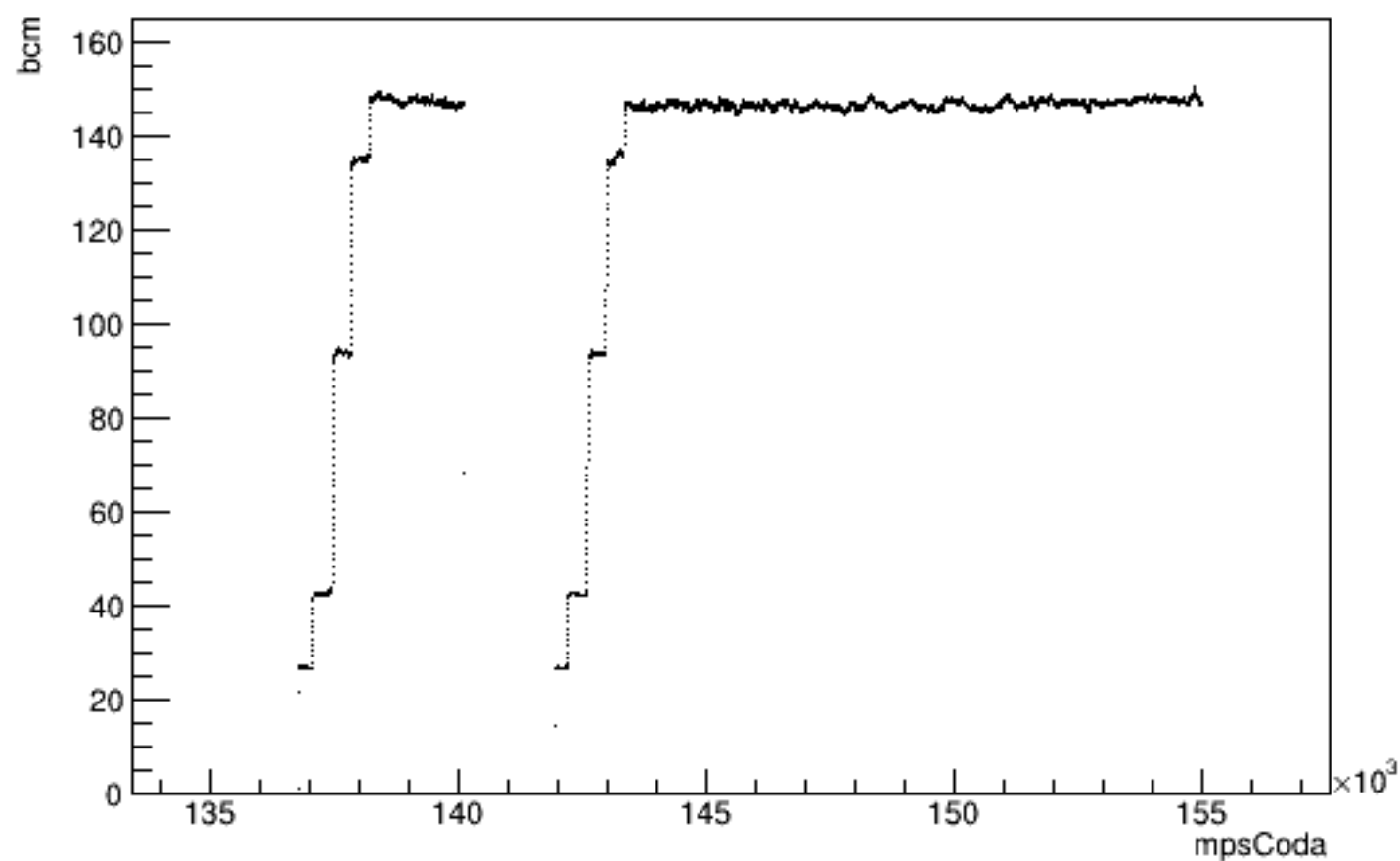
beamState + 1:mpsCoda {mpsCoda>=135885 && mpsCoda<=154976}



cavPowerCalibrated:mpsCoda {mpsCoda>=135885 && mpsCoda<=154976}



bcm:mpsCoda {mpsCoda>=135885 && mpsCoda<=154976}



Cycle 7, Diffs

Entries: 1371

Mean: -0.0008 +/- 0.0011

Std Dev: 0.0424 +/- 0.0008

Entries: 1673

Mean: -0.0019 +/- 0.0011

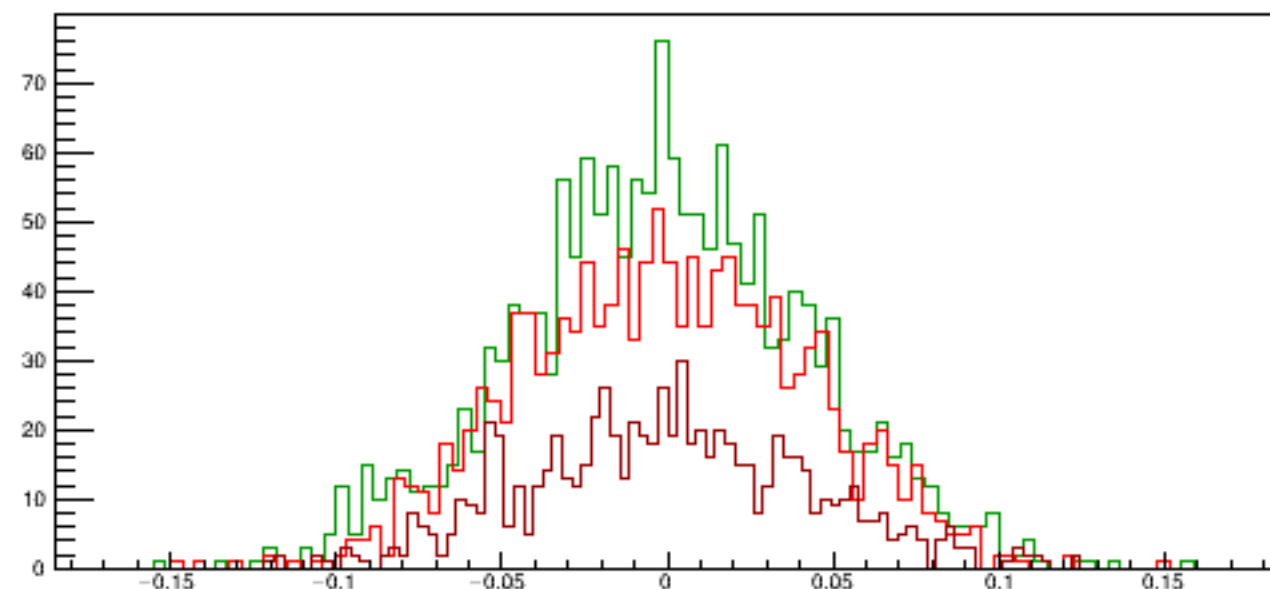
Std Dev: 0.0439 +/- 0.0008

Entries: 757

Mean: -0.0002 +/- 0.0016

Std Dev: 0.0430 +/- 0.0011

Run 6253 quartetwise, Diffs



Cycle 7, Sums

Entries: 1371

Mean: 1.3411 +/- 0.0038

Std Dev: 0.1423 +/- 0.0027

Entries: 1673

Mean: 1.3064 +/- 0.0035

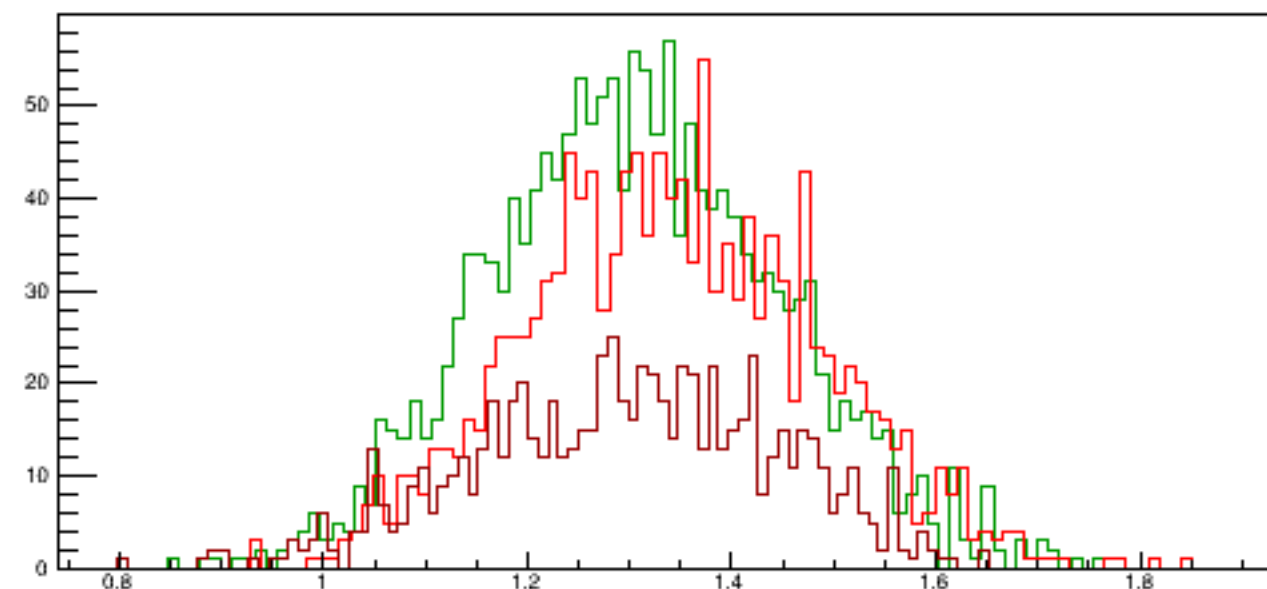
Std Dev: 0.1428 +/- 0.0025

Entries: 757

Mean: 1.2954 +/- 0.0053

Std Dev: 0.1468 +/- 0.0038

Run 6253 quartetwise, Sums



Cycle 7, Asyms

Entries: 1371

Mean: 0.0705 +/- 0.0963

Std Dev: 3.5668 +/- 0.0681

Entries: 1673

Mean: -3.8693 +/- 3.7838

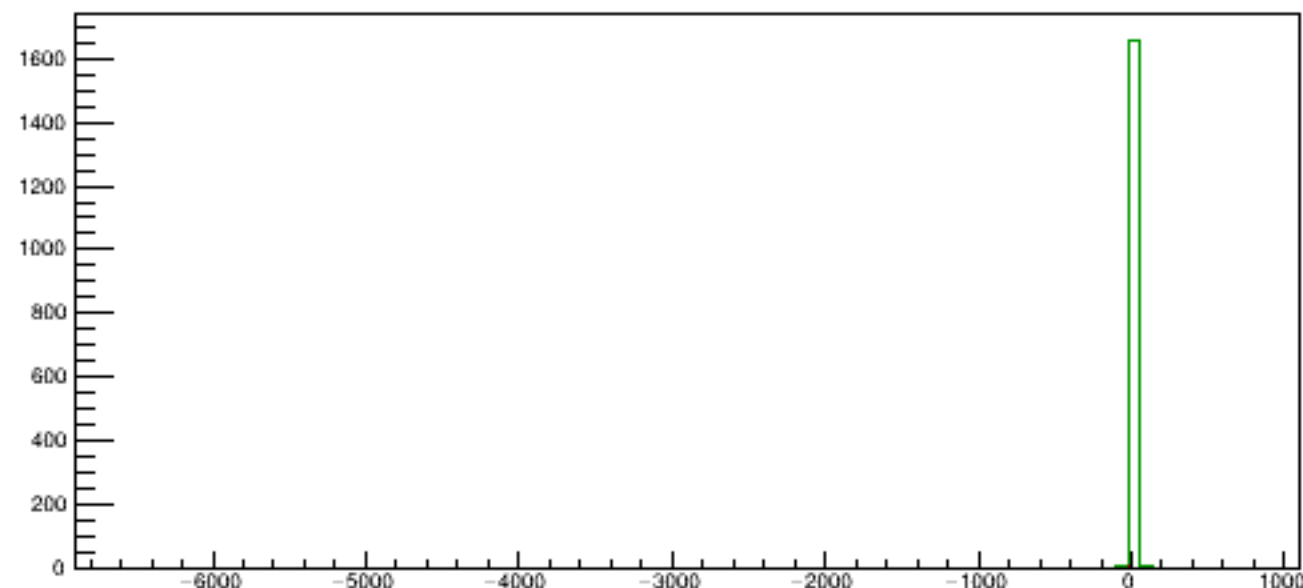
Std Dev: 154.7668 +/- 2.6756

Entries: 757

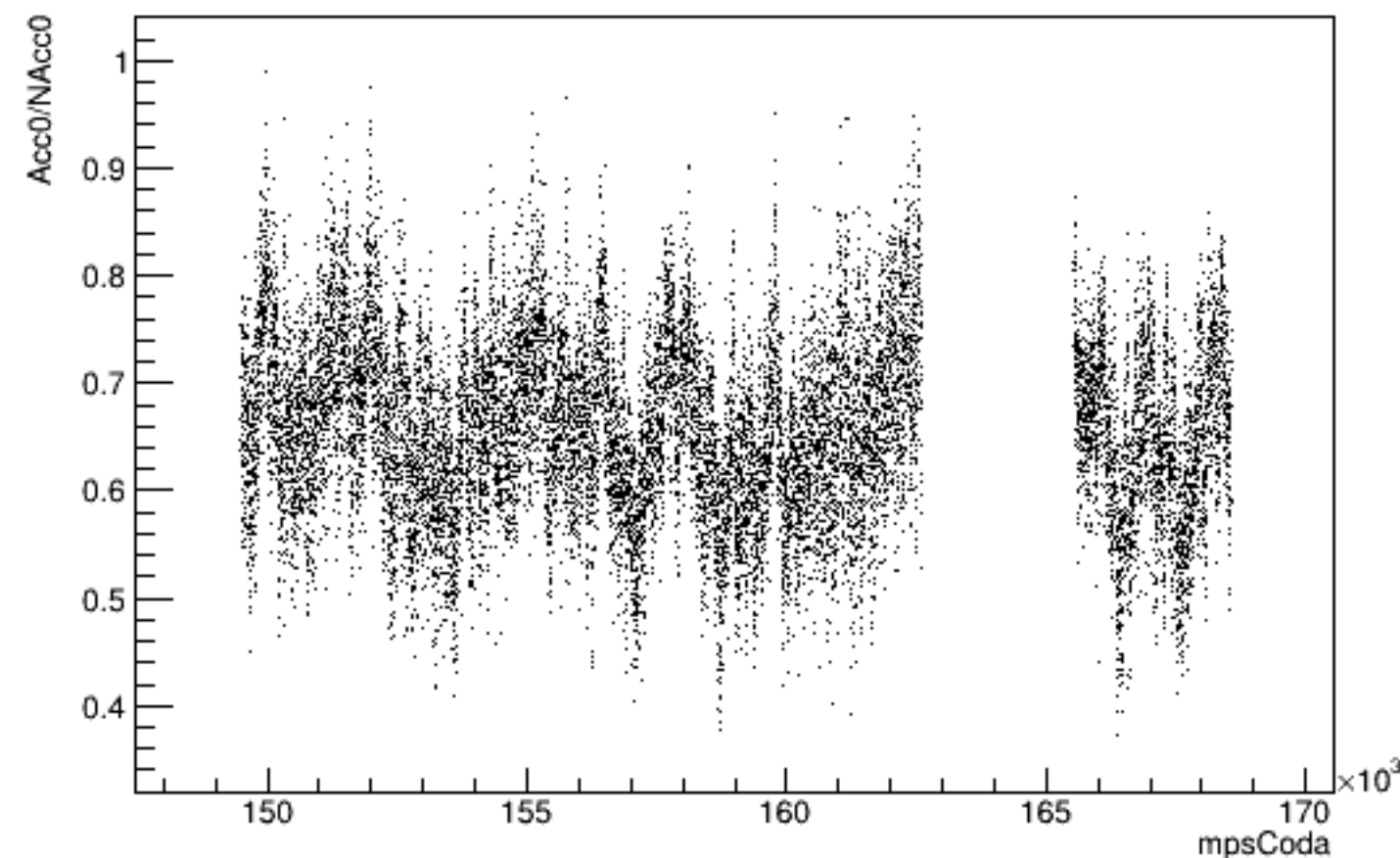
Mean: 0.0157 +/- 0.1315

Std Dev: 3.6193 +/- 0.0930

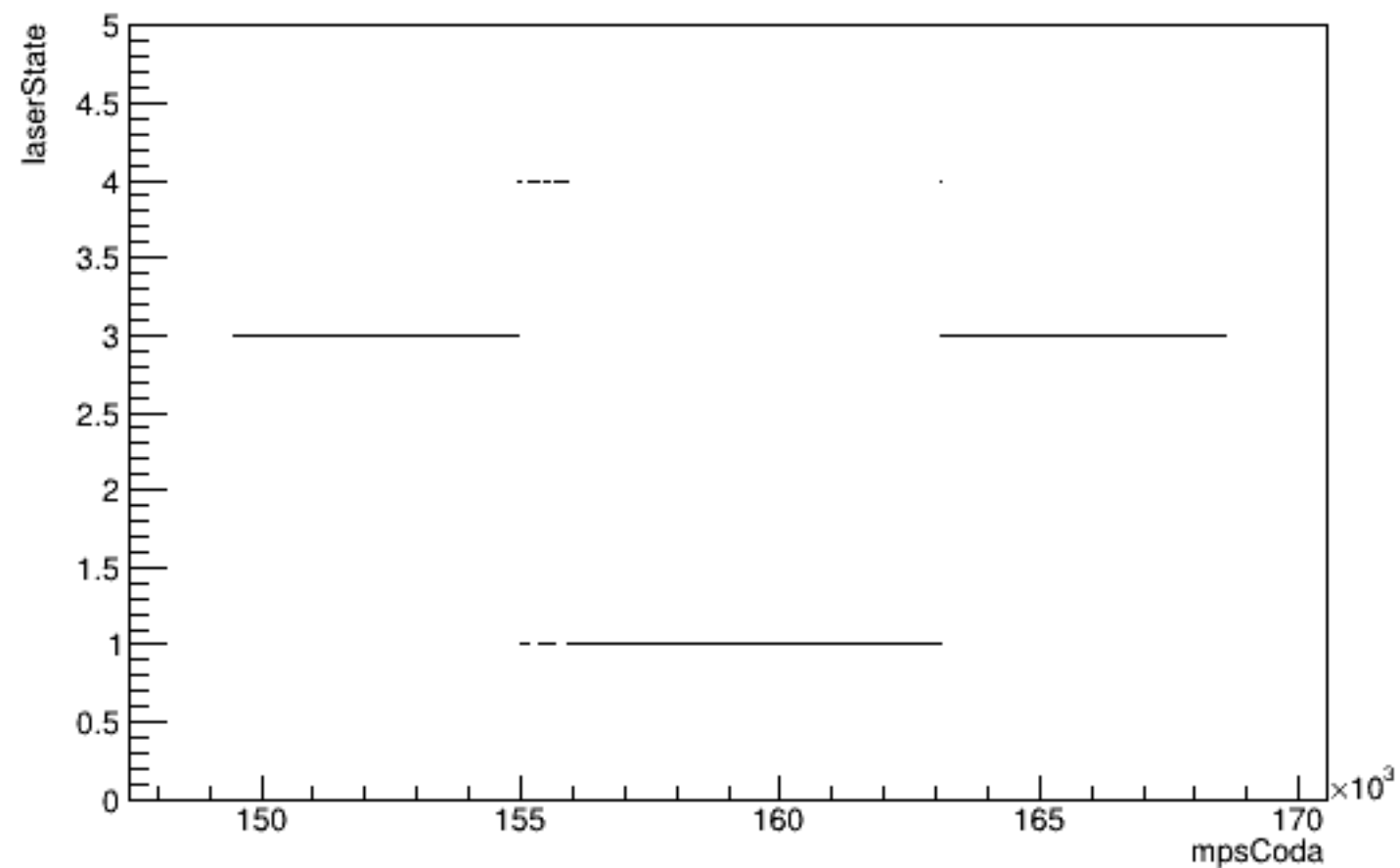
Run 6253 quartetwise, Asyms



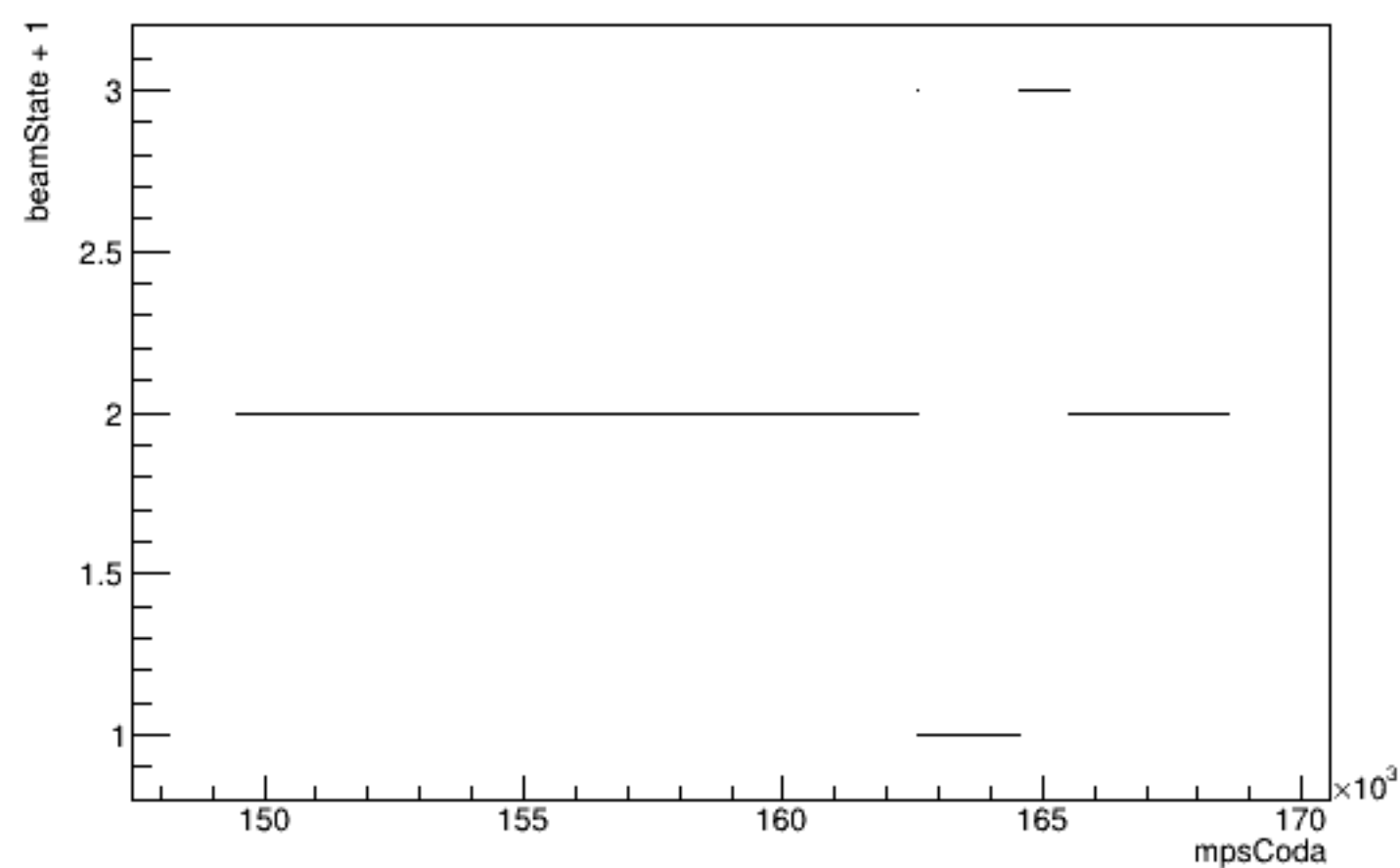
Acc0/NAcc0:mpsCoda (mpsCoda>=149489 && mpsCoda<=168564 && beamState==1)



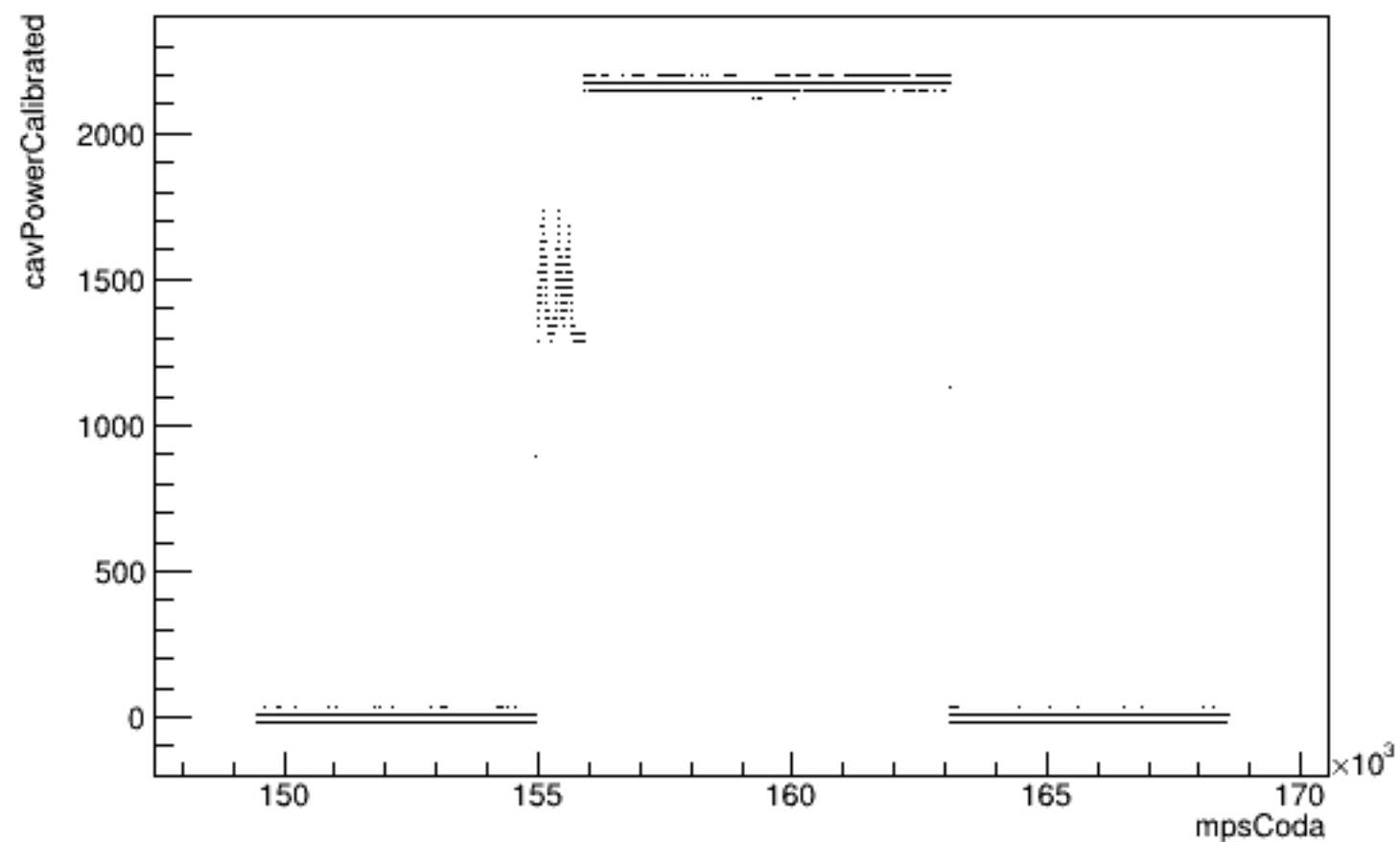
laserState:mpsCoda {mpsCoda>=149489 && mpsCoda<=168564}



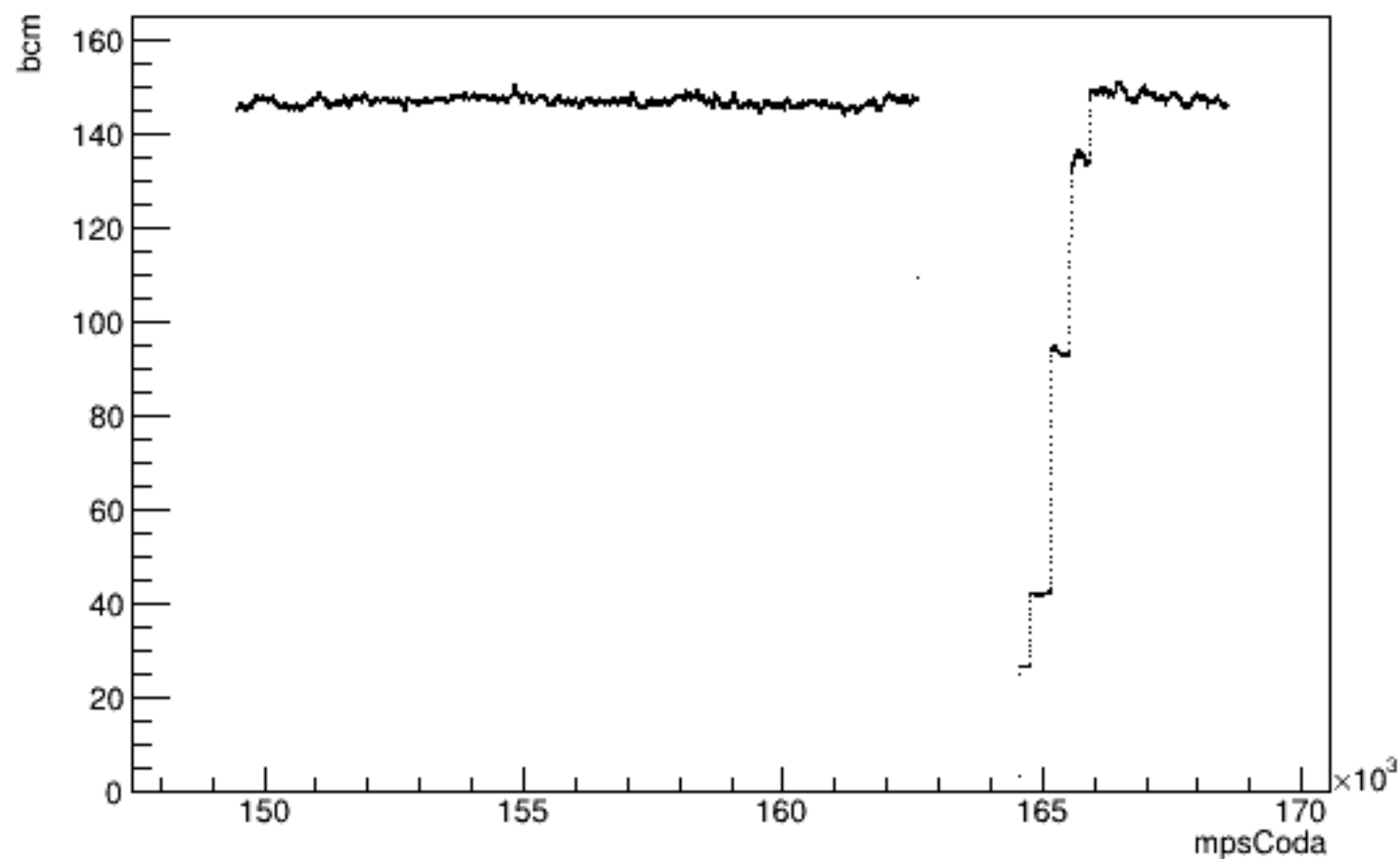
beamState + 1:mpsCoda {mpsCoda>=149489 && mpsCoda<=168564}



cavPowerCalibrated:mpsCoda {mpsCoda>=149489 && mpsCoda<=168564}



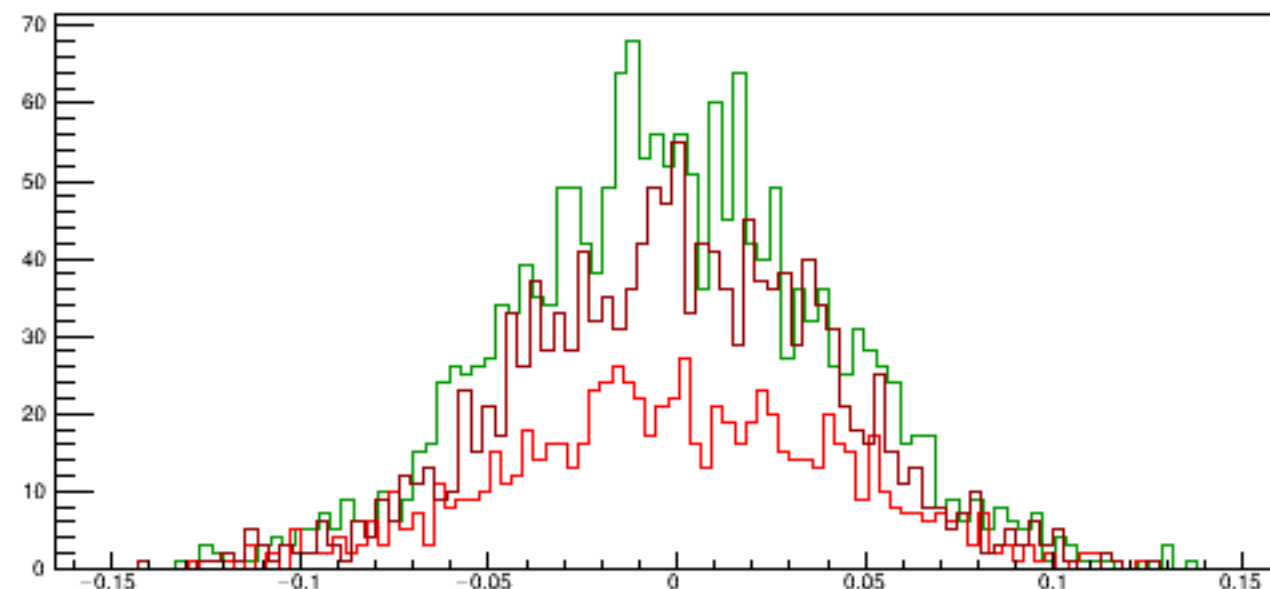
bcm:mpsCoda {mpsCoda>=149489 && mpsCoda<=168564}



Cycle 8, Diffs

Entries: 811	Entries: 1804	Entries: 1401
Mean: -0.0008 +/- 0.0015	Mean: -0.0021 +/- 0.0010	Mean: -0.0009 +/- 0.0011
Std Dev: 0.0439 +/- 0.0011	Std Dev: 0.0422 +/- 0.0007	Std Dev: 0.0415 +/- 0.0008

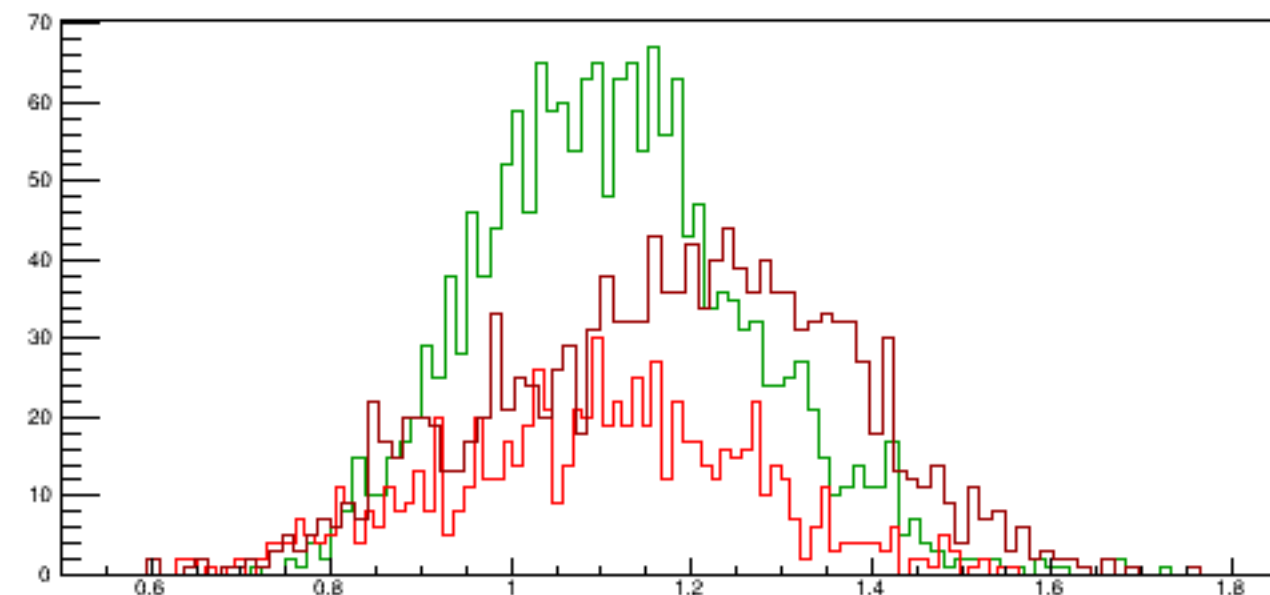
Run 6253 quartetwise, Diffs



Cycle 8, Sums

Entries: 811	Entries: 1804	Entries: 1401
Mean: 1.0931 +/- 0.0060	Mean: 1.1143 +/- 0.0035	Mean: 1.1763 +/- 0.0051
Std Dev: 0.1722 +/- 0.0043	Std Dev: 0.1481 +/- 0.0025	Std Dev: 0.1915 +/- 0.0036

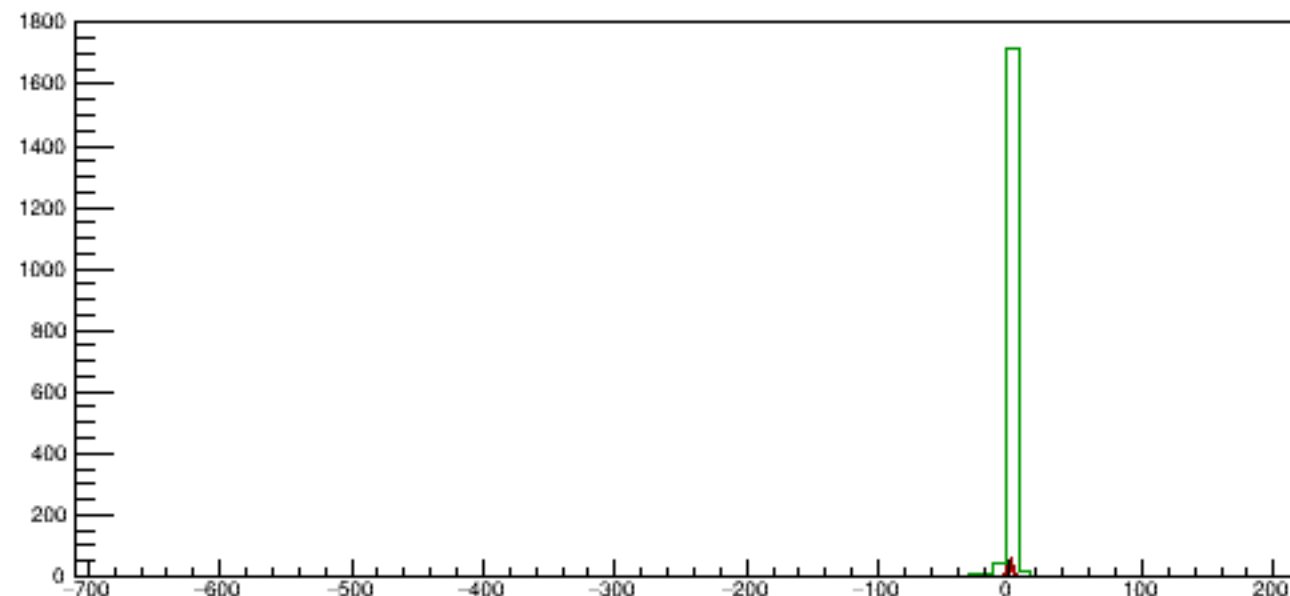
Run 6253 quartetwise, Sums



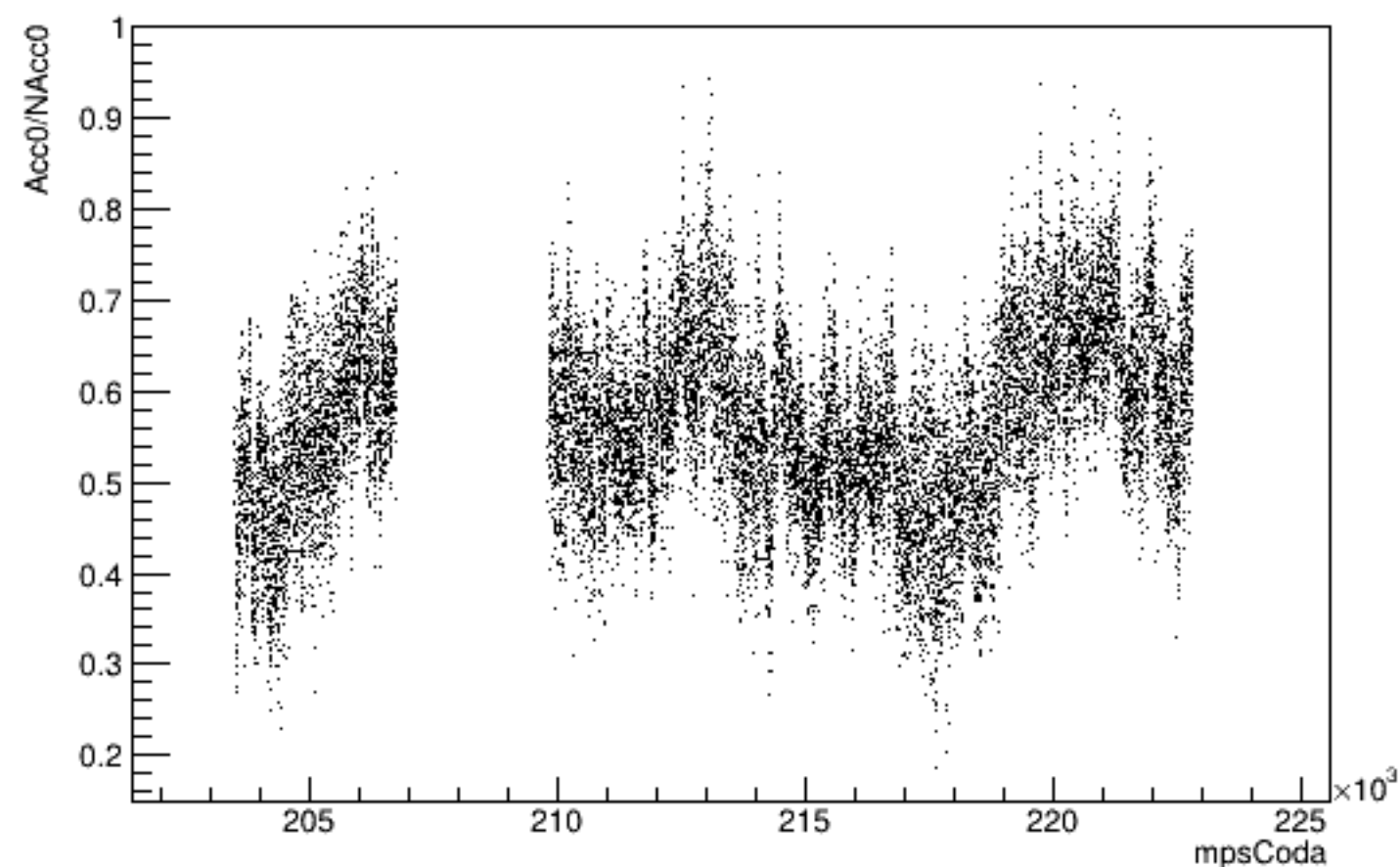
Cycle 8, Asyms

Entries: 811	Entries: 1804	Entries: 1401
Mean: 0.0398 +/- 0.0754	Mean: -0.6570 +/- 0.4059	Mean: 0.0419 +/- 0.0541
Std Dev: 2.1474 +/- 0.0533	Std Dev: 17.2381 +/- 0.2870	Std Dev: 2.0265 +/- 0.0383

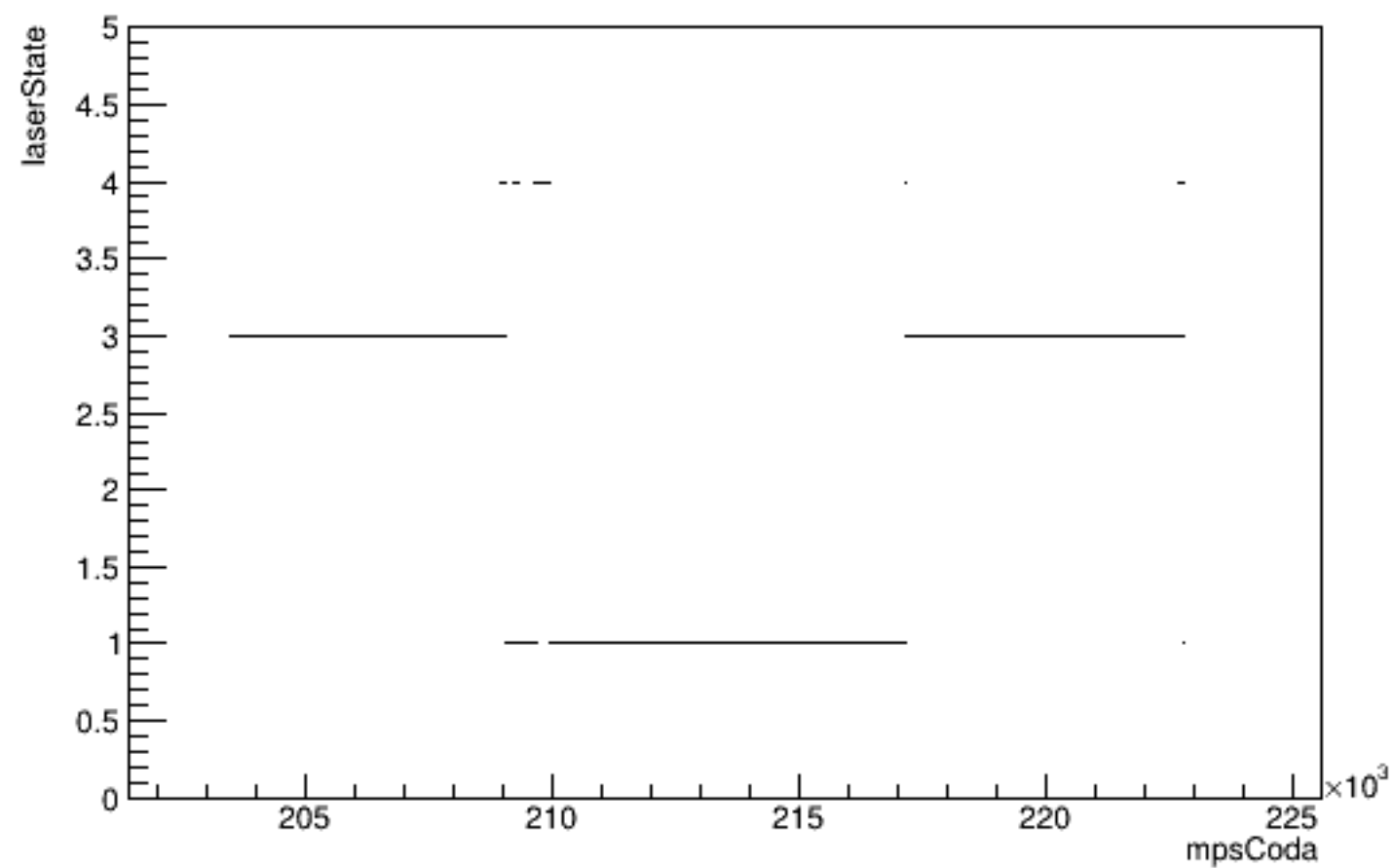
Run 6253 quartetwise, Asyms



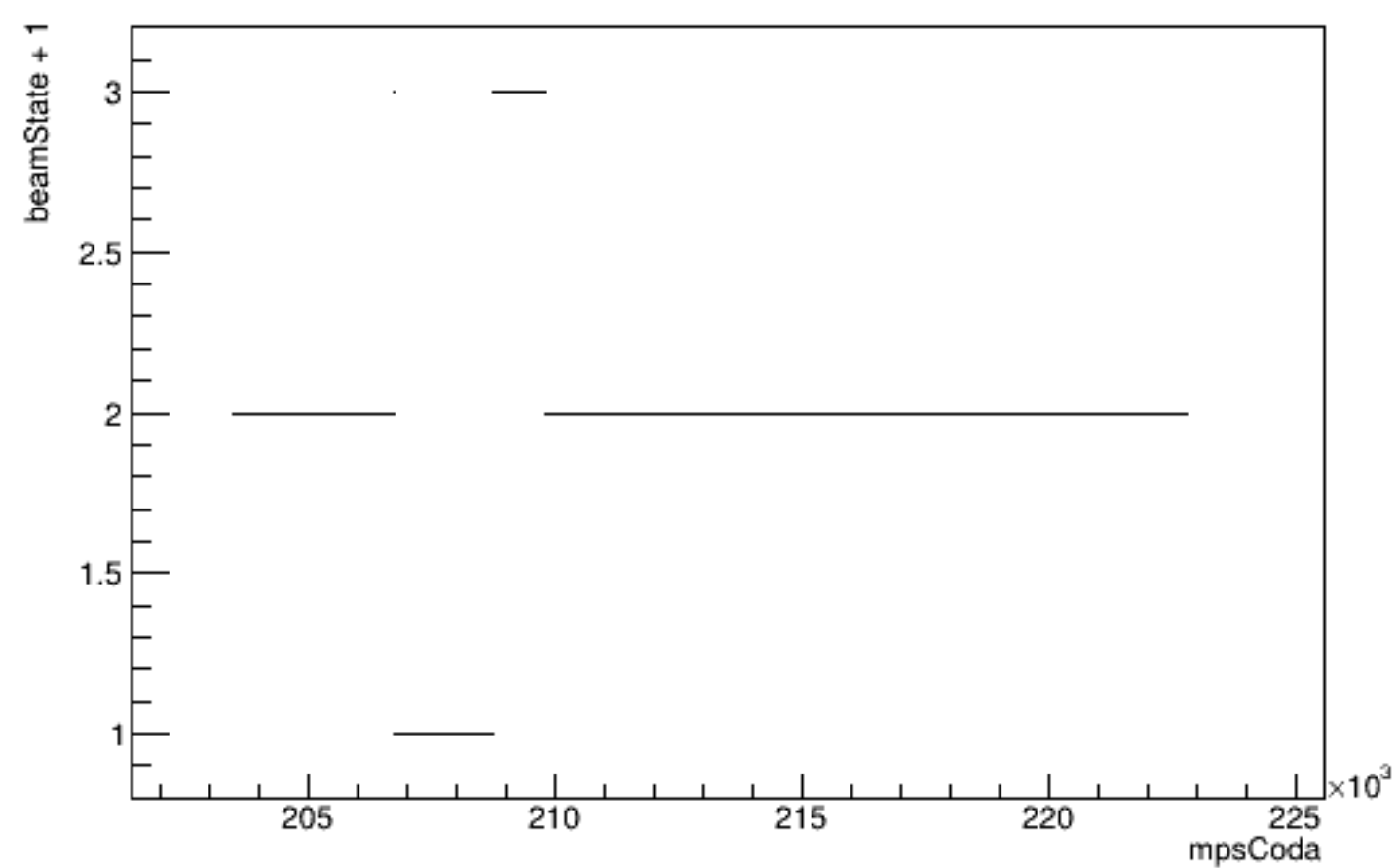
Acc0/NAcc0:mpsCoda (mpsCoda>=203501 && mpsCoda<=222800 && beamState==1)



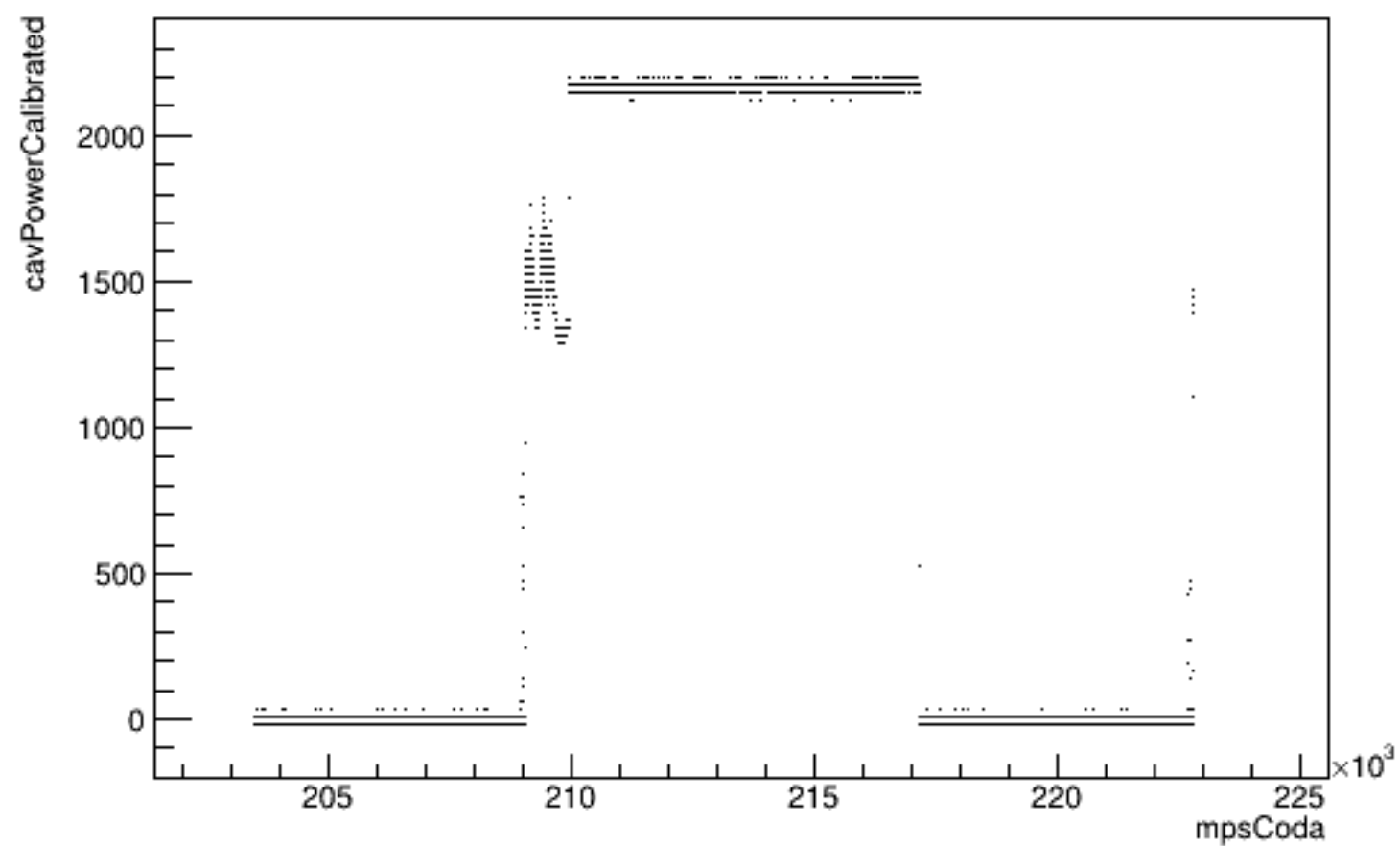
laserState:mpsCoda {mpsCoda>=203501 && mpsCoda<=222800}



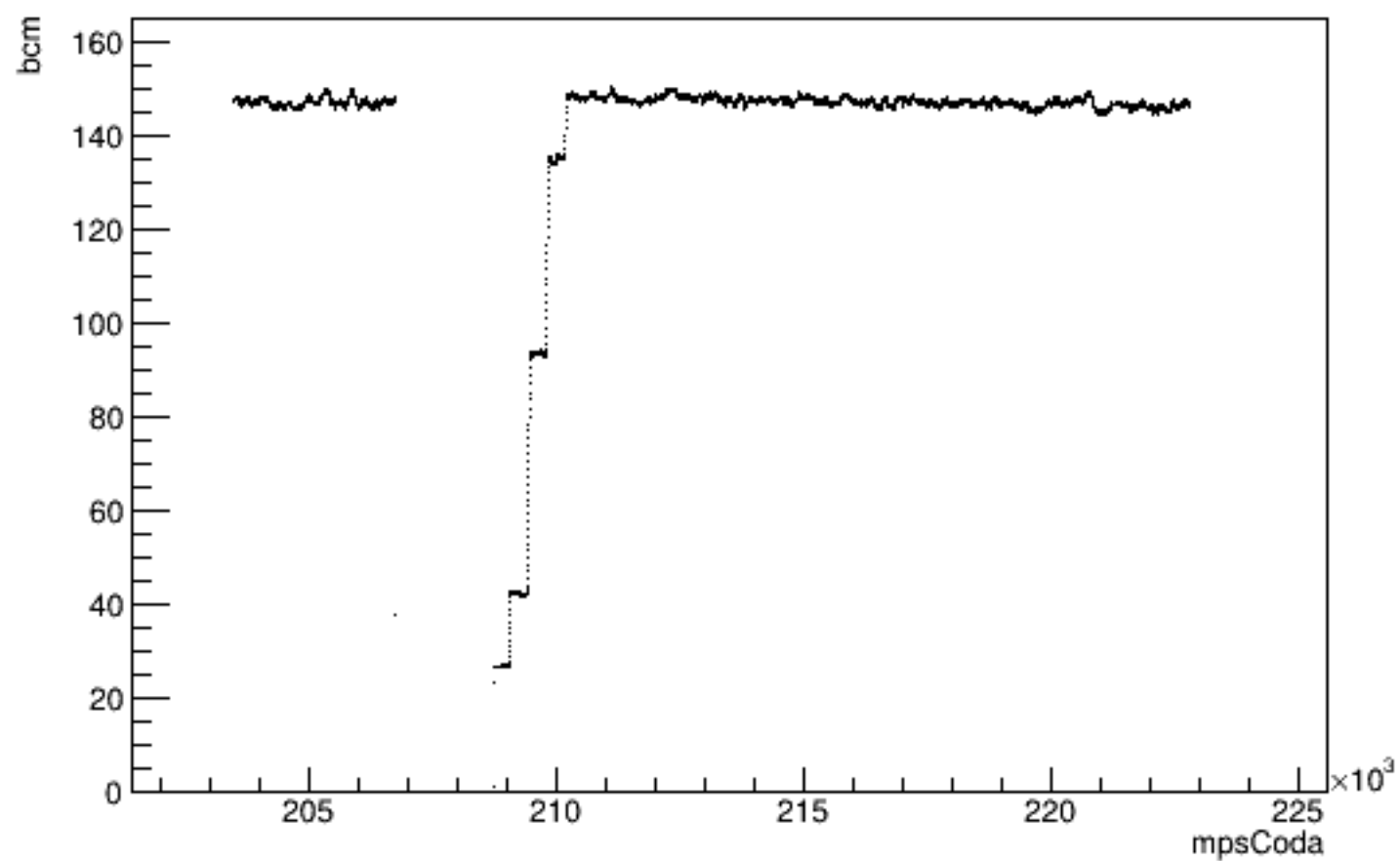
beamState + 1:mpsCoda {mpsCoda>=203501 && mpsCoda<=222800}



cavPowerCalibrated:mpsCoda {mpsCoda>=203501 && mpsCoda<=222800}



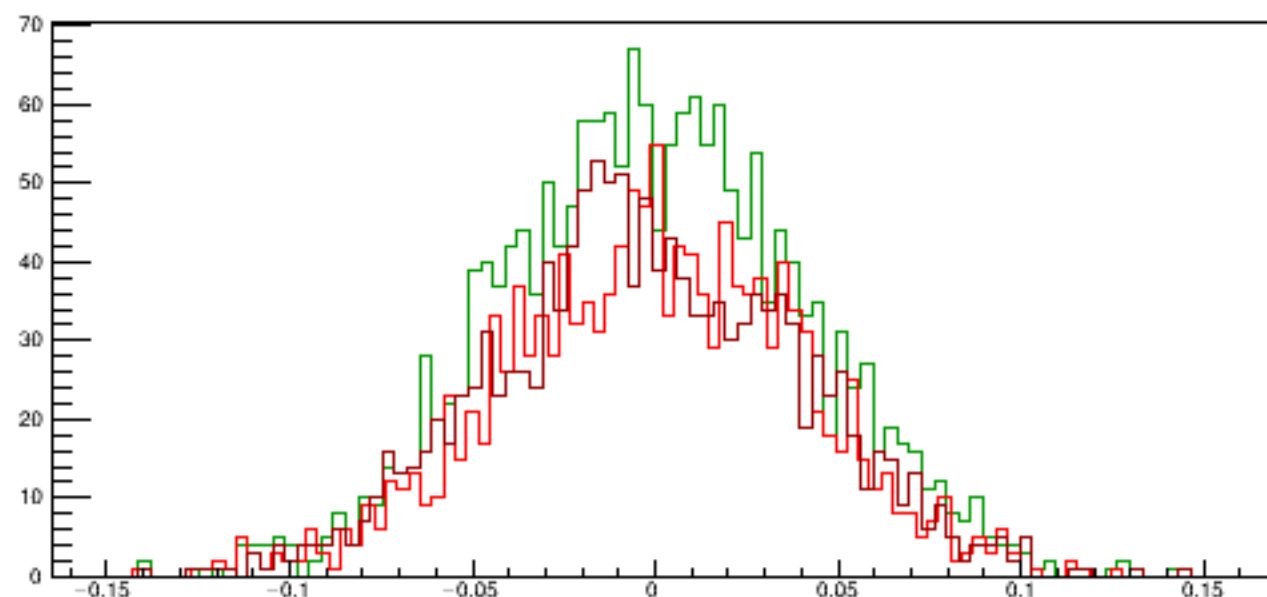
bcm:mpsCoda {mpsCoda>=203501 && mpsCoda<=222800}



Cycle 9, Diffs

Entries: 1401	Entries: 1836	Entries: 1376
Mean: -0.0009 +/- 0.0011	Mean: -0.0007 +/- 0.0010	Mean: -0.0024 +/- 0.0011
Std Dev: 0.0415 +/- 0.0008	Std Dev: 0.0418 +/- 0.0007	Std Dev: 0.0419 +/- 0.0008

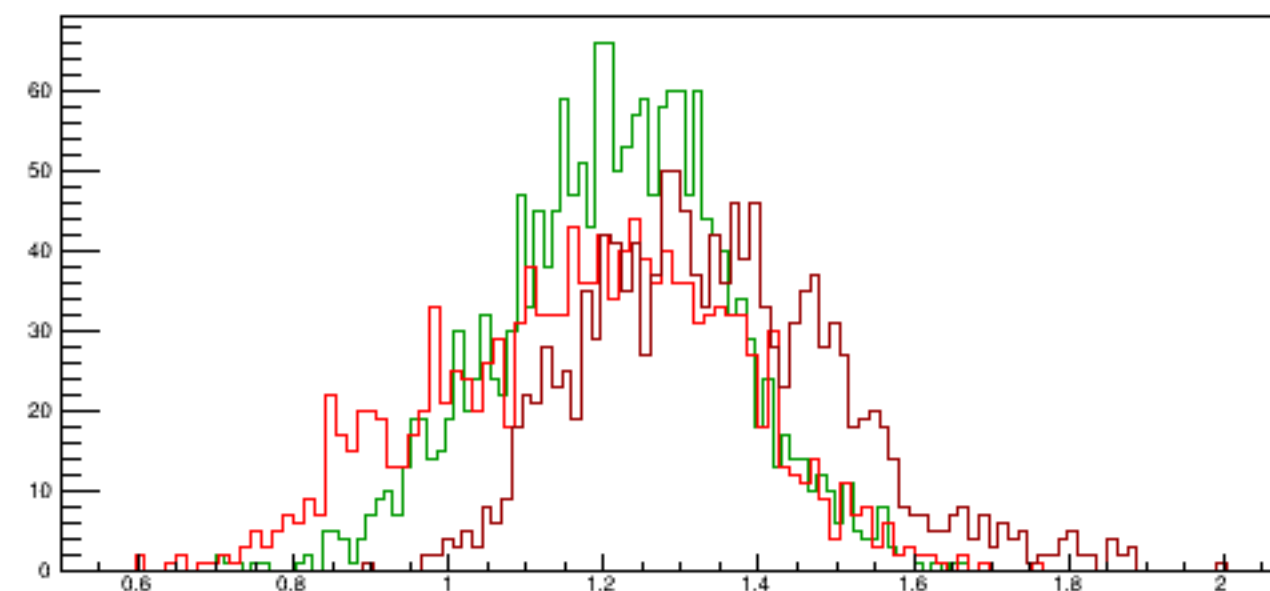
Run 6253 quartetwise, Diffs



Cycle 9, Sums

Entries: 1401	Entries: 1836	Entries: 1376
Mean: 1.1763 +/- 0.0051	Mean: 1.2158 +/- 0.0034	Mean: 1.3452 +/- 0.0045
Std Dev: 0.1915 +/- 0.0036	Std Dev: 0.1478 +/- 0.0024	Std Dev: 0.1672 +/- 0.0032

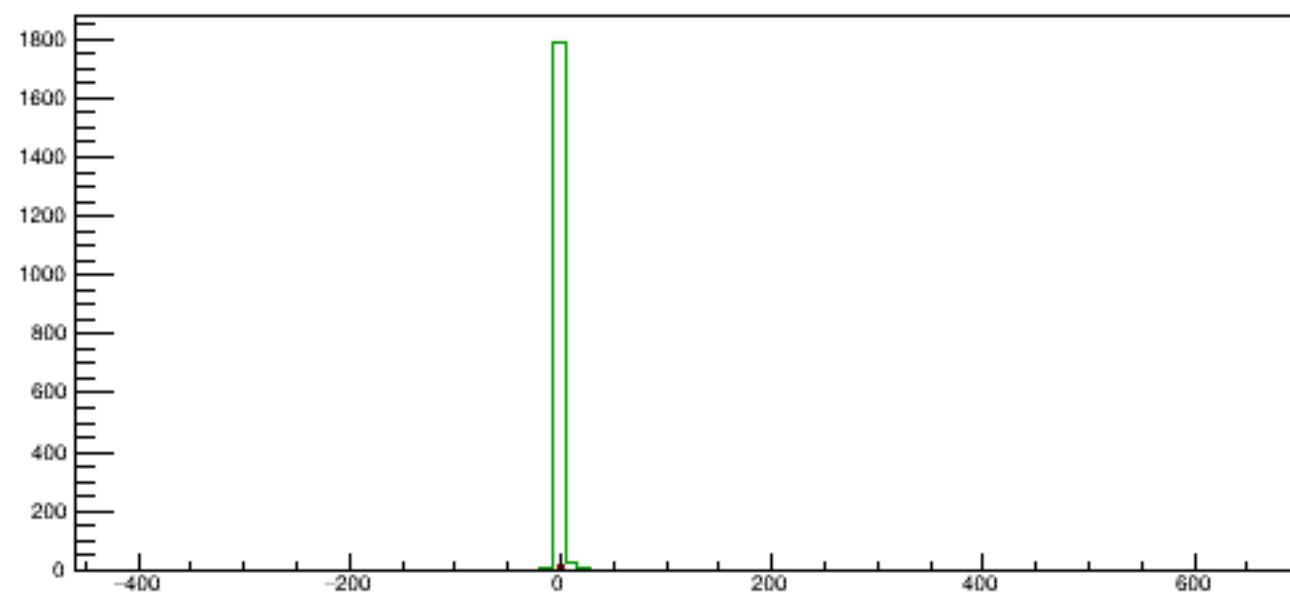
Run 6253 quartetwise, Sums



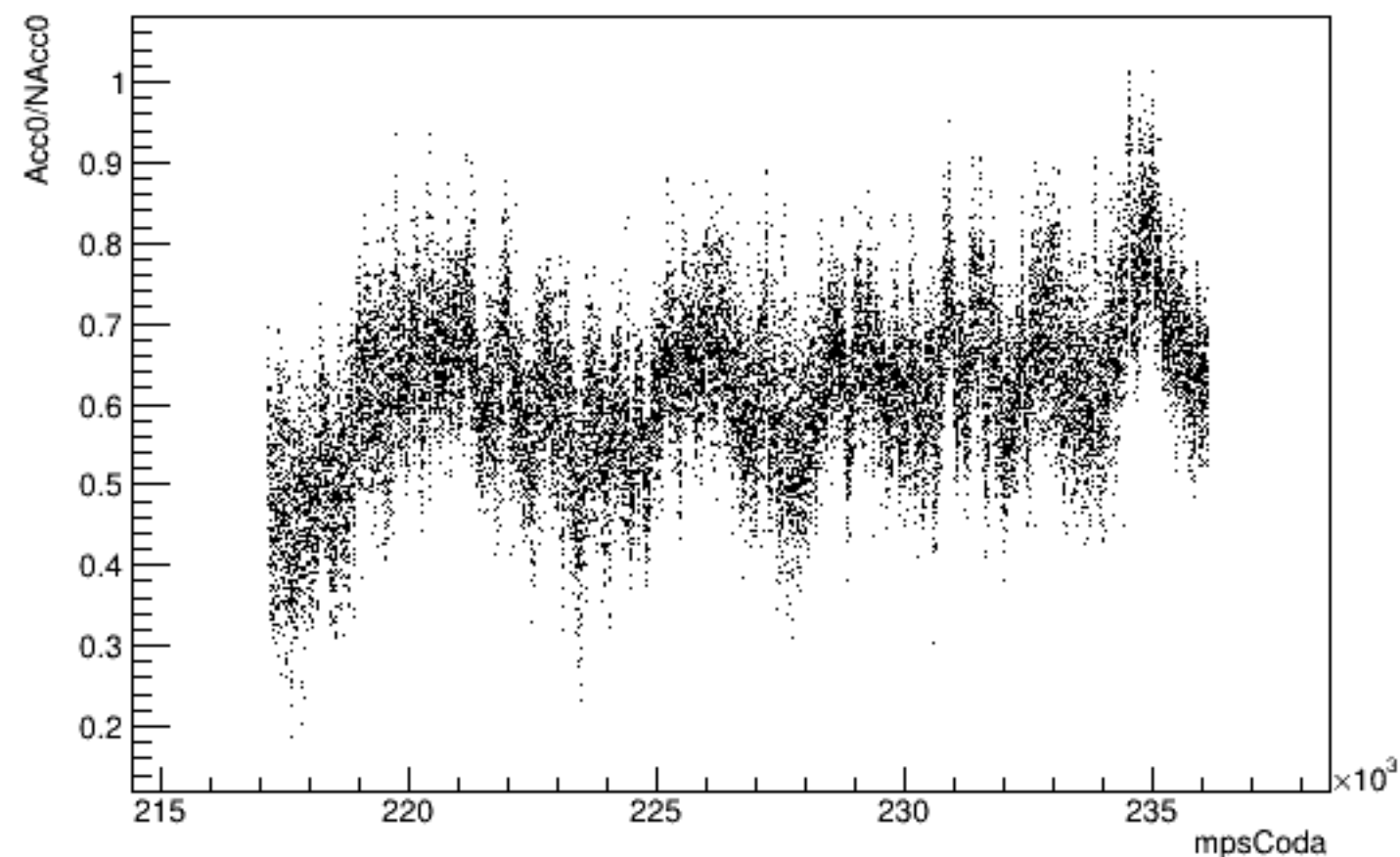
Cycle 9, Asyms

Entries: 1401	Entries: 1836	Entries: 1376
Mean: 0.0191 +/- 0.0246	Mean: 0.0935 +/- 0.4162	Mean: 0.0542 +/- 0.0251
Std Dev: 0.9225 +/- 0.0174	Std Dev: 17.8317 +/- 0.2943	Std Dev: 0.9328 +/- 0.0178

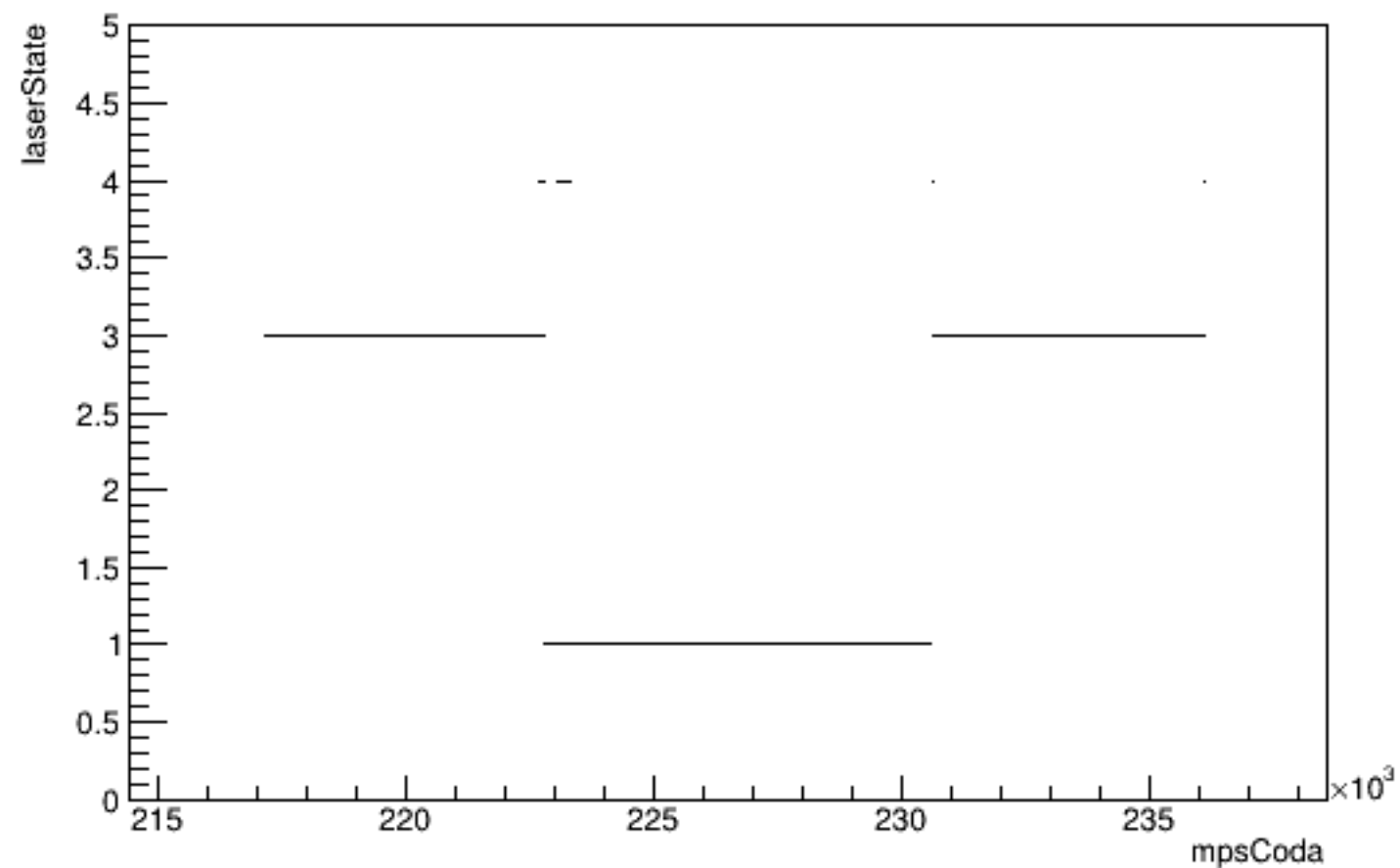
Run 6253 quartetwise, Asyms



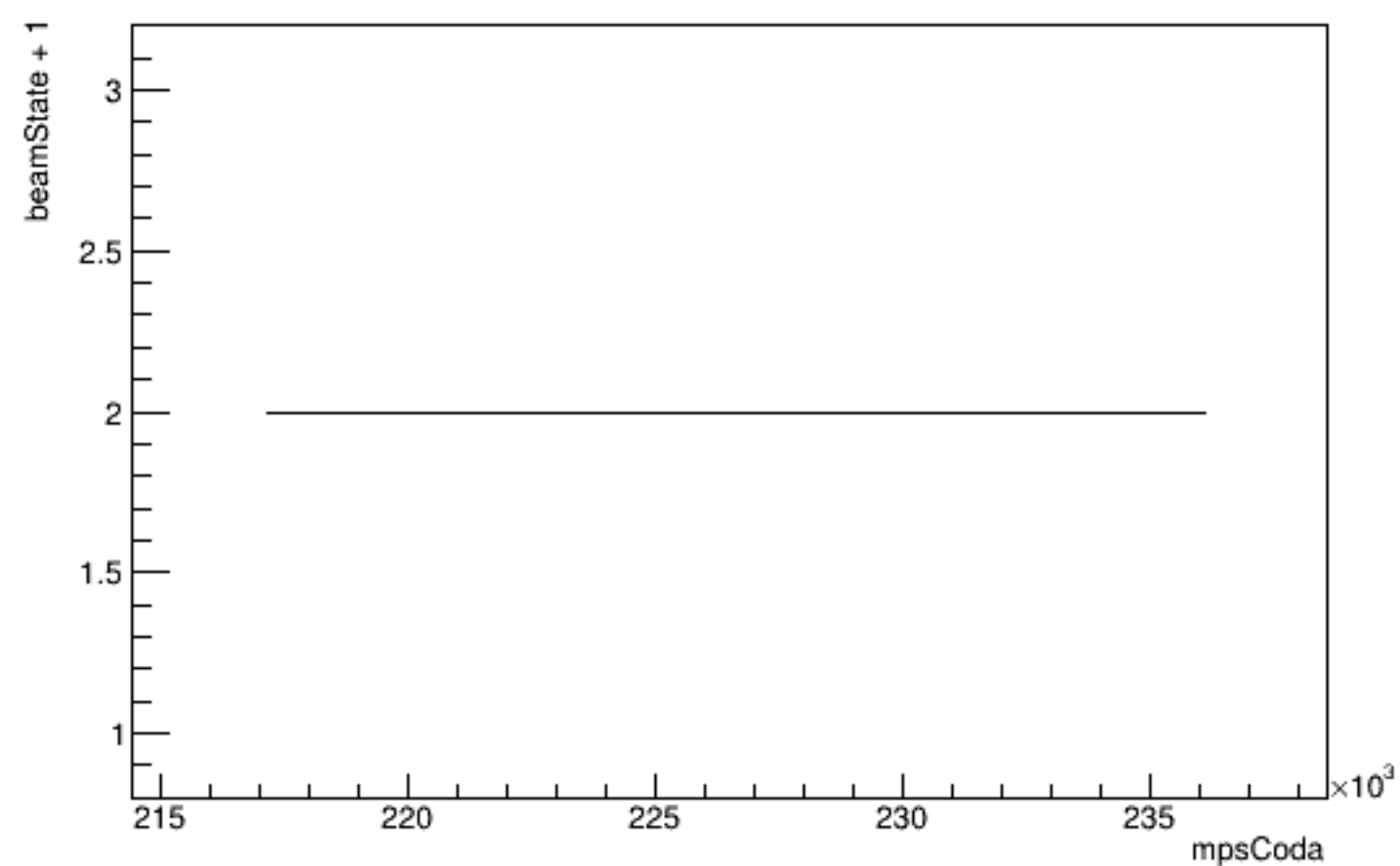
Acc0/NAcc0:mpsCoda (mpsCoda>=217161 && mpsCoda<=236112 && beamState==1)



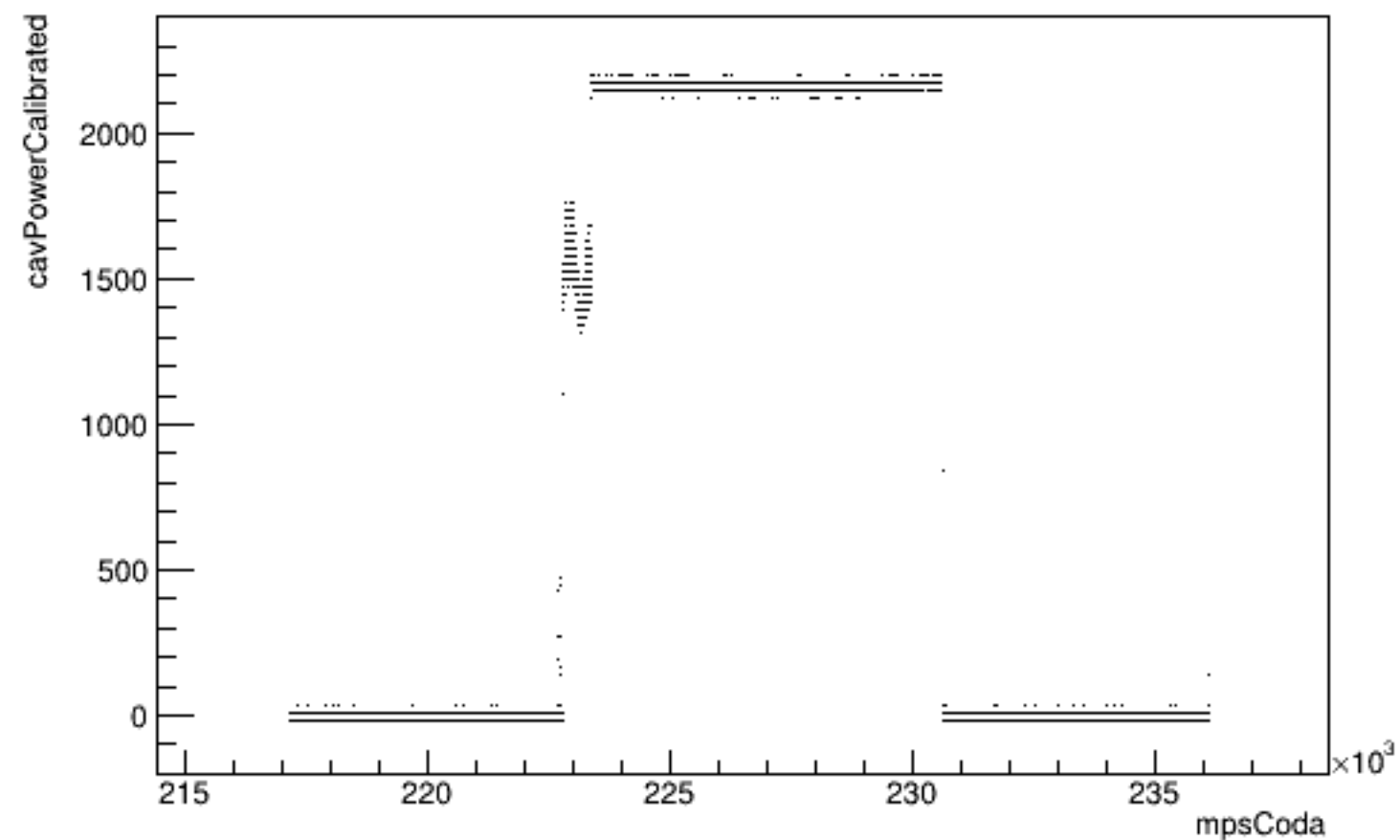
laserState:mpsCoda {mpsCoda>=217161 && mpsCoda<=236112}



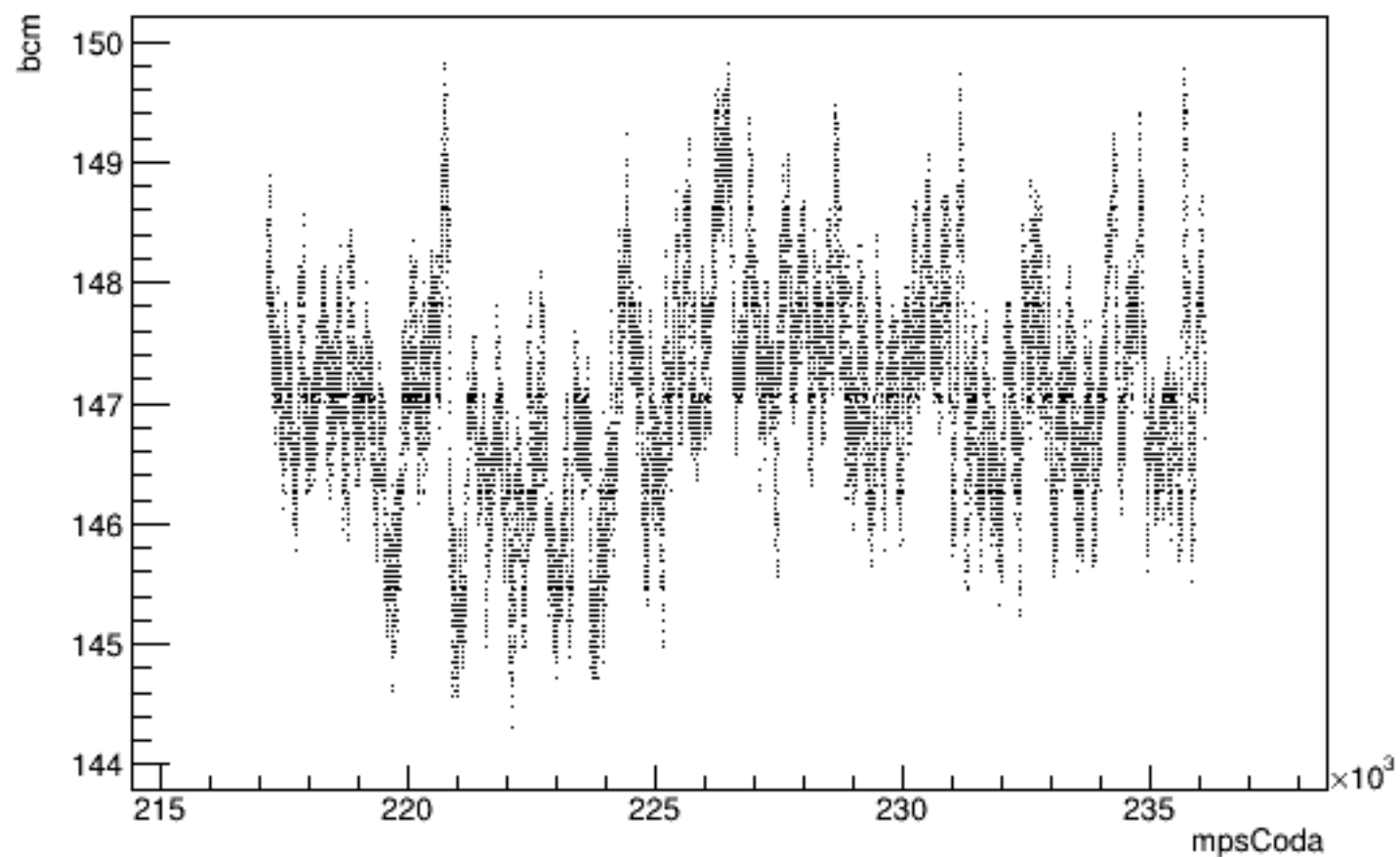
beamState + 1:mpsCoda {mpsCoda>=217161 && mpsCoda<=236112}



cavPowerCalibrated:mpsCoda {mpsCoda>=217161 && mpsCoda<=236112}



bcm:mpsCoda {mpsCoda>=217161 && mpsCoda<=236112}



Cycle 10, Diffs

Entries: 1376

Mean: -0.0024 +/- 0.0011

Std Dev: 0.0419 +/- 0.0008

Entries: 1806

Mean: -0.0030 +/- 0.0010

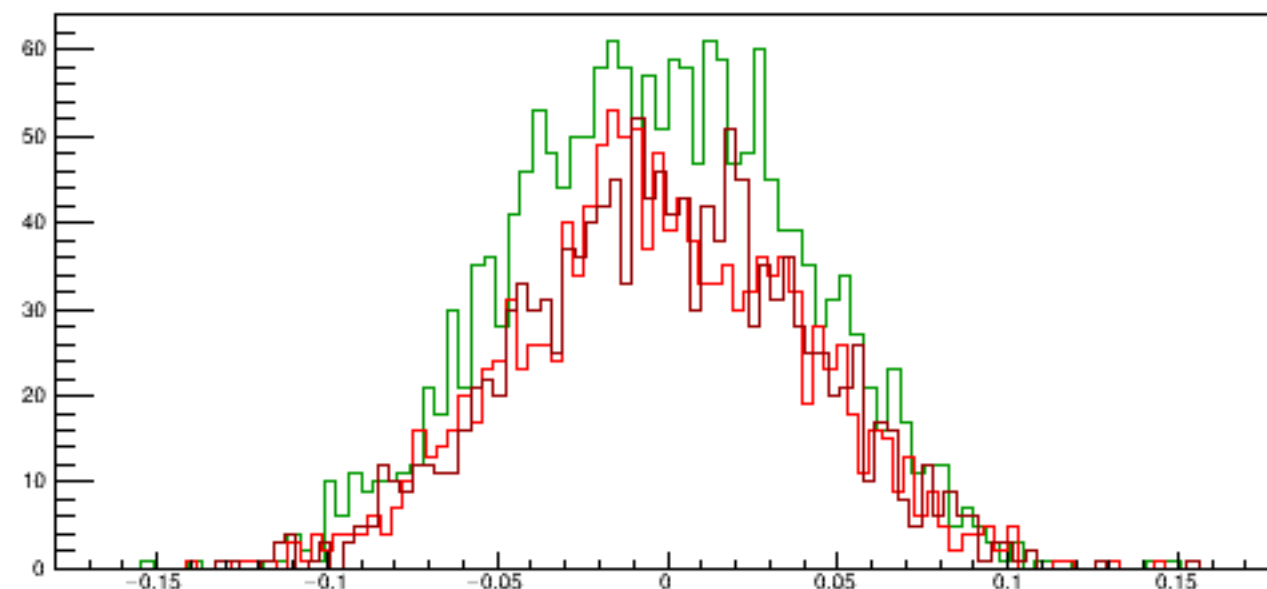
Std Dev: 0.0427 +/- 0.0007

Entries: 1378

Mean: -0.0012 +/- 0.0011

Std Dev: 0.0419 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 10, Sums

Entries: 1376

Mean: 1.3452 +/- 0.0045

Std Dev: 0.1672 +/- 0.0032

Entries: 1806

Mean: 1.2842 +/- 0.0034

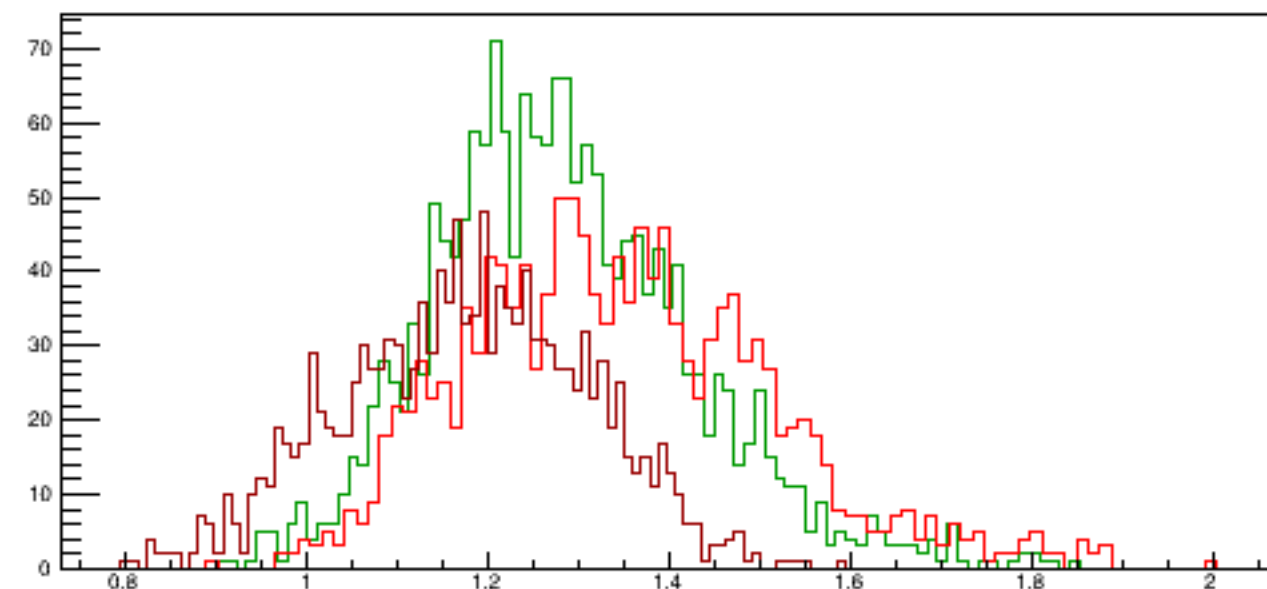
Std Dev: 0.1442 +/- 0.0024

Entries: 1378

Mean: 1.1765 +/- 0.0036

Std Dev: 0.1340 +/- 0.0026

Run 6253 quartetwise, Sums



Cycle 10, Asyms

Entries: 1376

Mean: -0.1044 +/- 0.0484

Std Dev: 1.7966 +/- 0.0342

Entries: 1806

Mean: 0.1912 +/- 0.1946

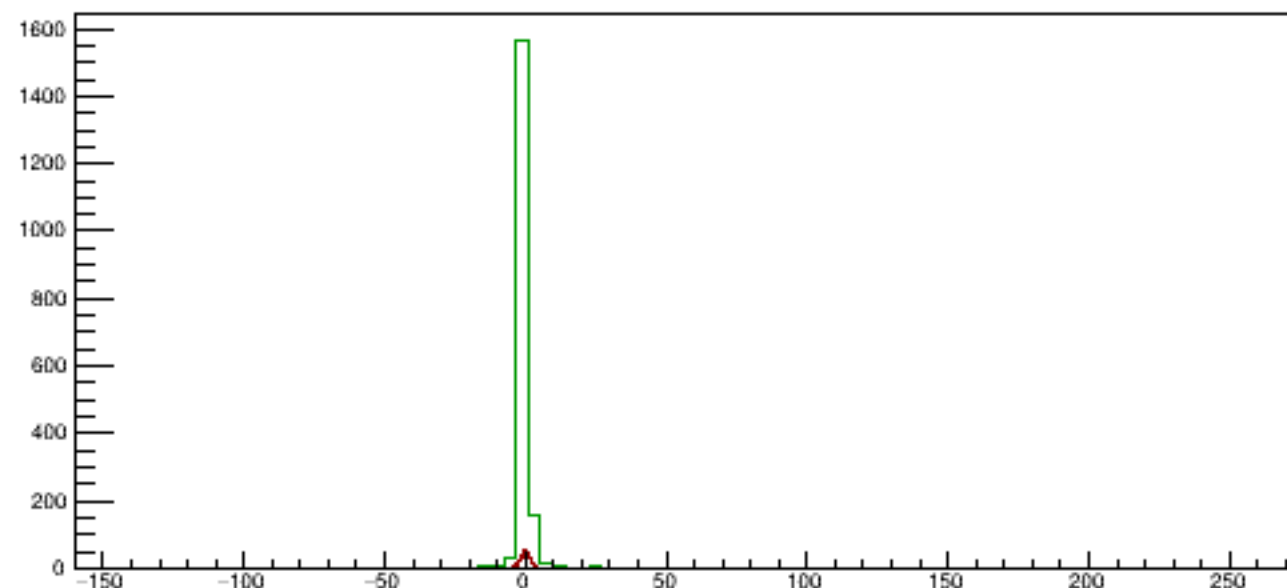
Std Dev: 8.2709 +/- 0.1376

Entries: 1378

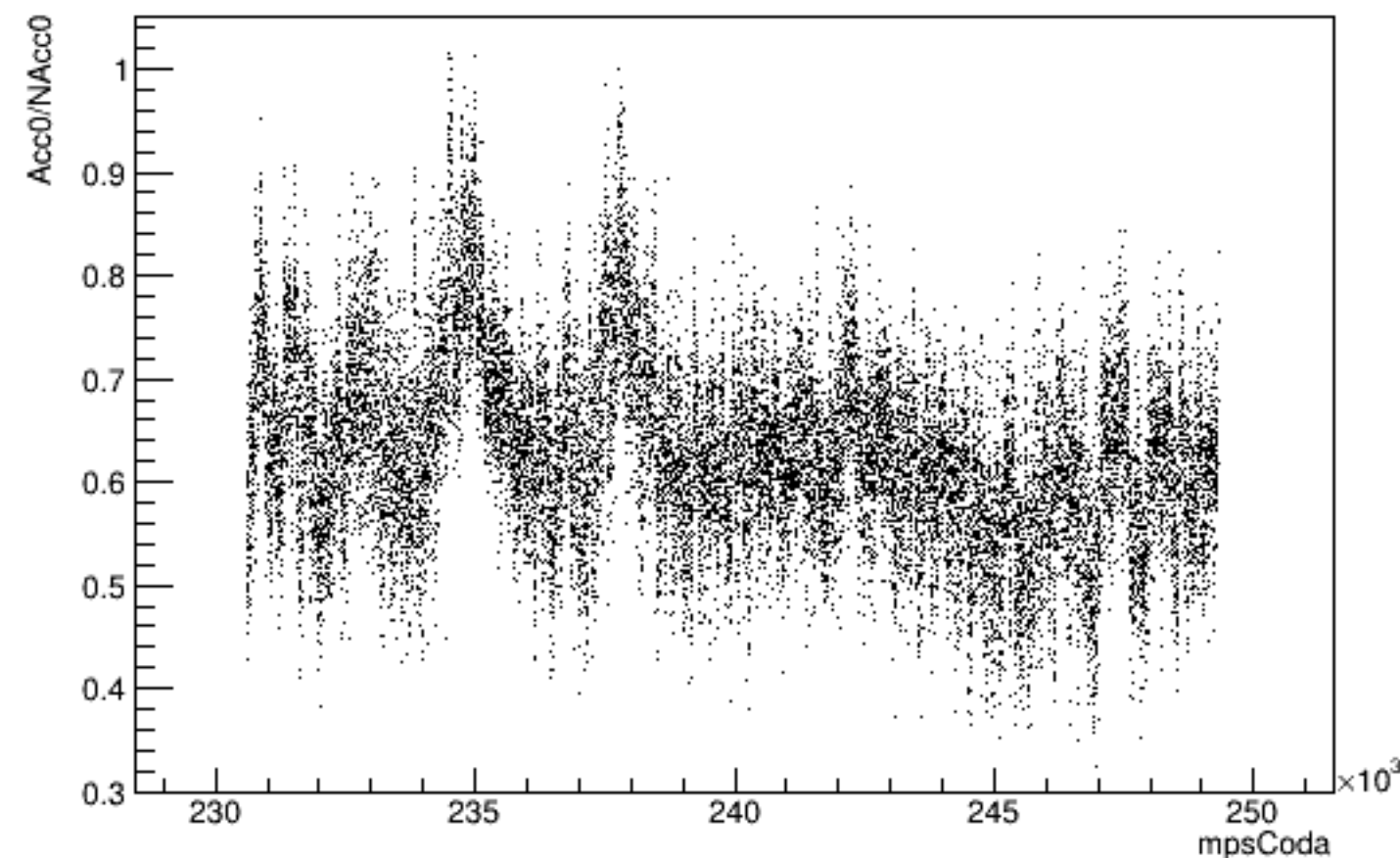
Mean: -0.0520 +/- 0.0484

Std Dev: 1.7971 +/- 0.0342

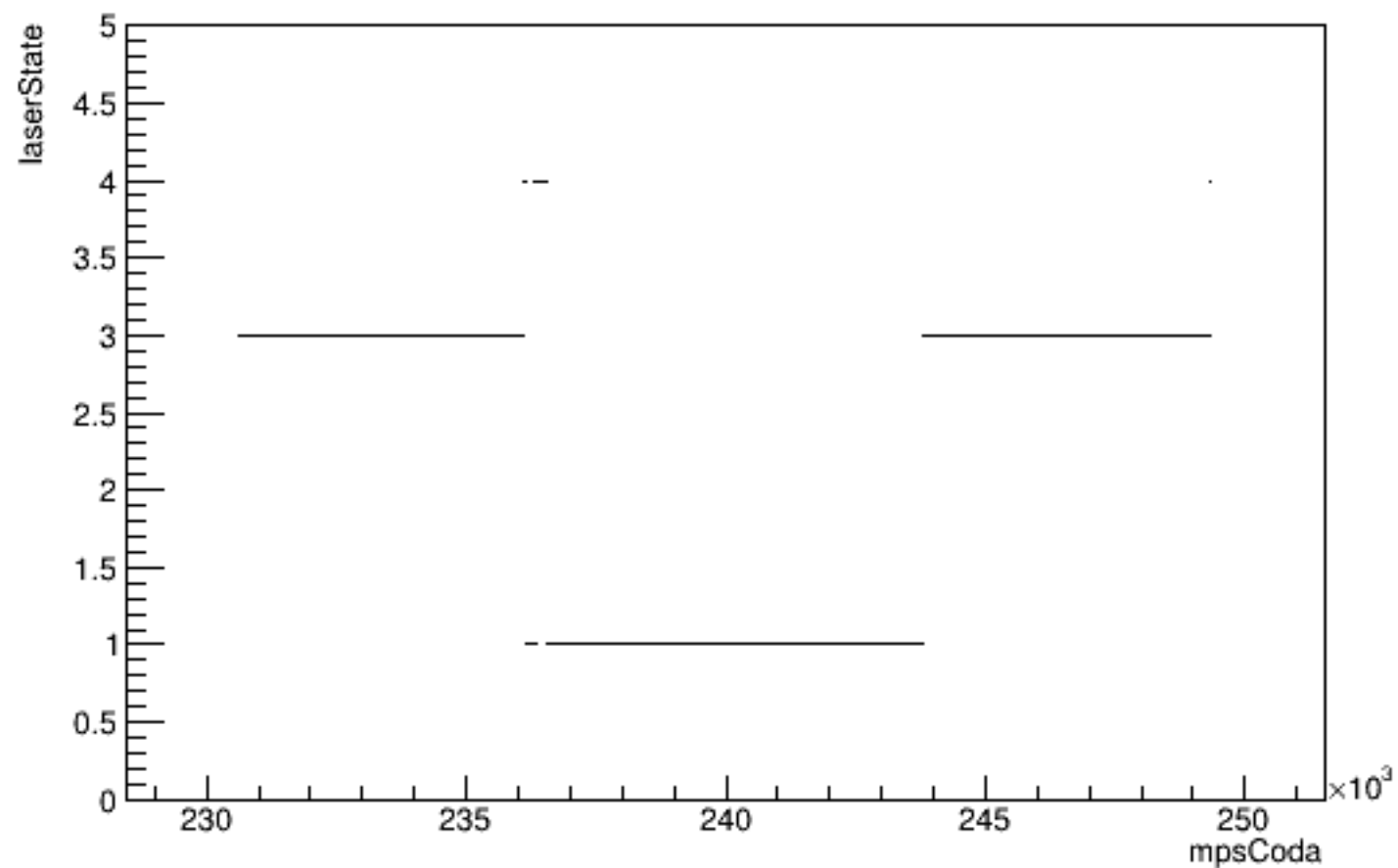
Run 6253 quartetwise, Asyms



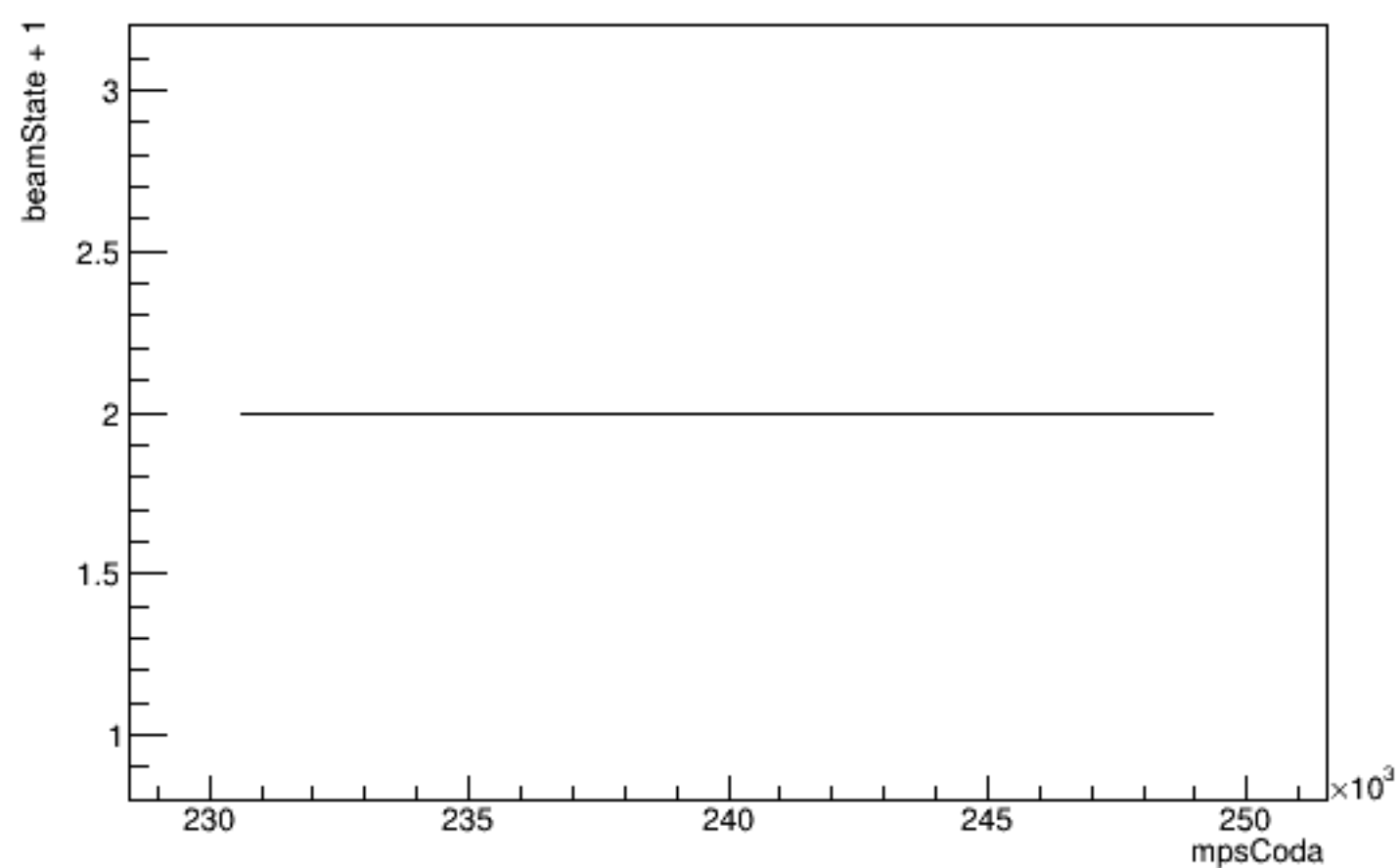
Acc0/NAcc0:mpsCoda (mpsCoda>=230605 && mpsCoda<=249312 && beamState==1)



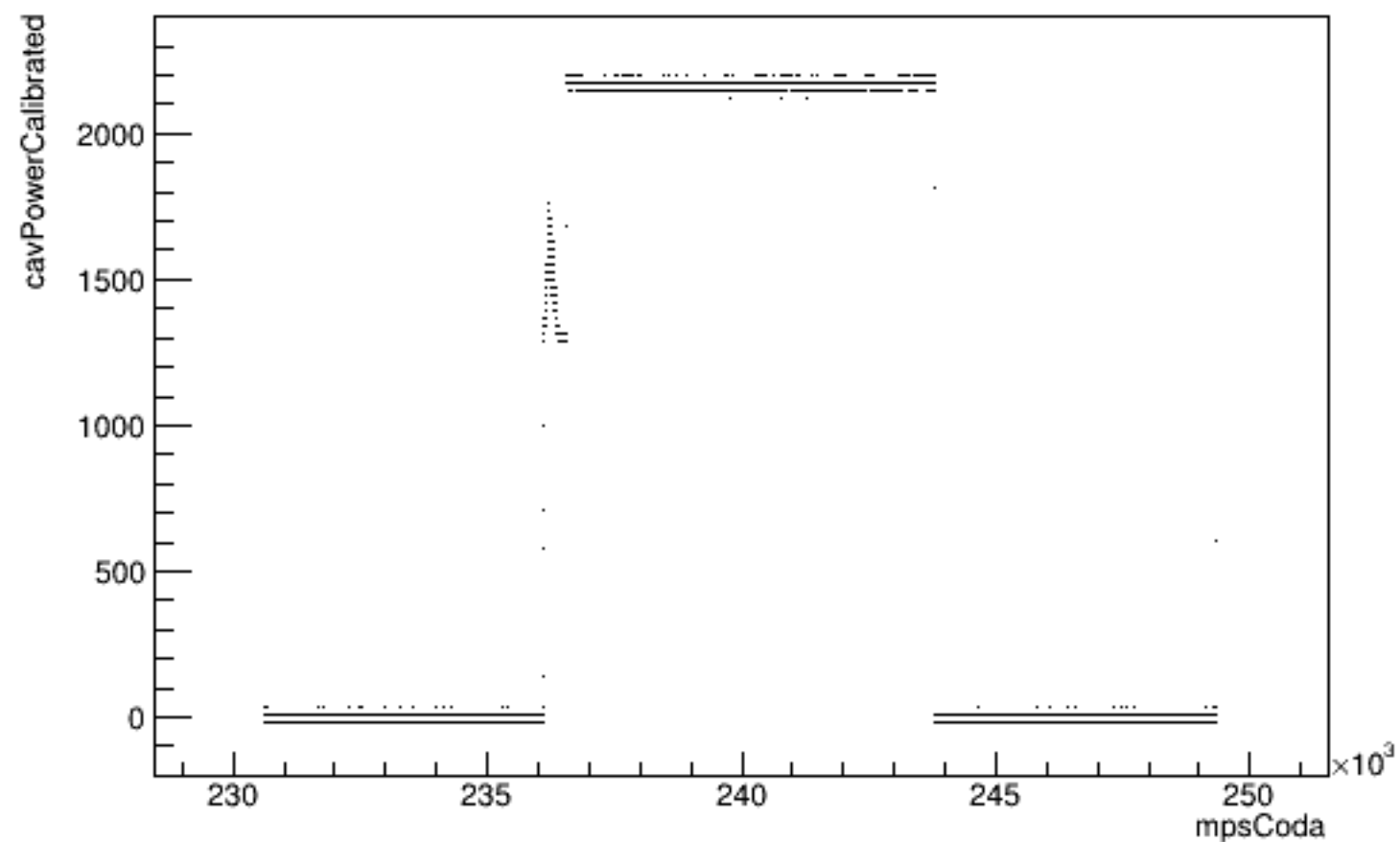
laserState:mpsCoda {mpsCoda>=230605 && mpsCoda<=249312}



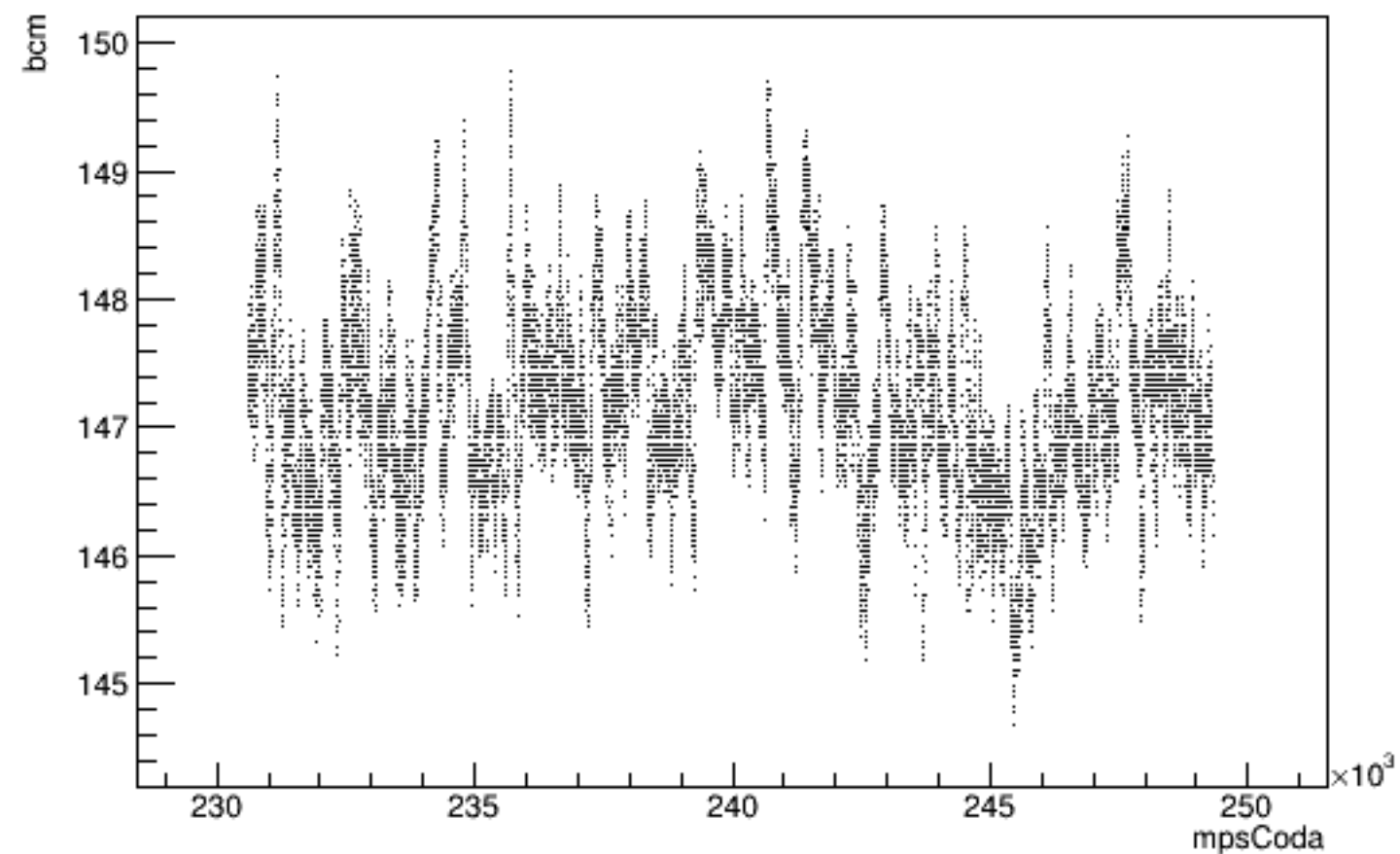
beamState + 1:mpsCoda {mpsCoda>=230605 && mpsCoda<=249312}



cavPowerCalibrated:mpsCoda {mpsCoda>=230605 && mpsCoda<=249312}



bcm:mpsCoda {mpsCoda>=230605 && mpsCoda<=249312}



Cycle 11, Diffs

Entries: 1378

Mean: -0.0012 +/- 0.0011

Std Dev: 0.0419 +/- 0.0008

Entries: 1805

Mean: -0.0043 +/- 0.0010

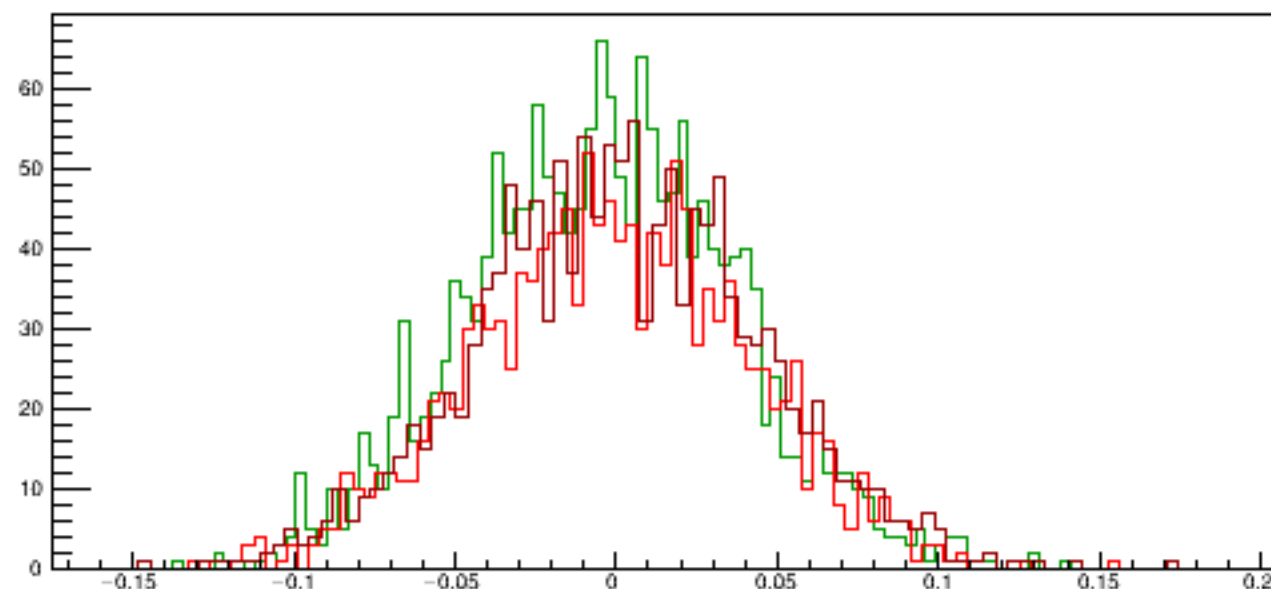
Std Dev: 0.0415 +/- 0.0007

Entries: 1389

Mean: 0.0009 +/- 0.0012

Std Dev: 0.0433 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 11, Sums

Entries: 1378

Mean: 1.1765 +/- 0.0036

Std Dev: 0.1340 +/- 0.0026

Entries: 1805

Mean: 1.1141 +/- 0.0034

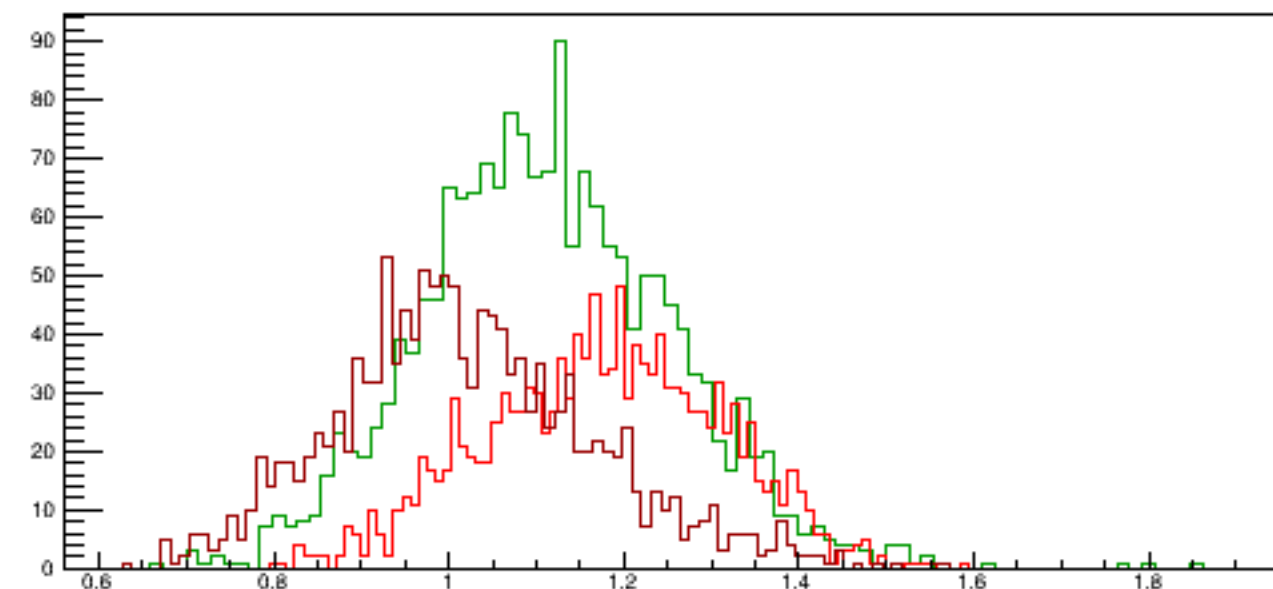
Std Dev: 0.1435 +/- 0.0024

Entries: 1389

Mean: 1.0200 +/- 0.0040

Std Dev: 0.1478 +/- 0.0028

Run 6253 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=243797 && mpsCoda<=262828 && beamState==1)

Cycle 11, Asyms

Entries: 1378

Mean: -0.0764 +/- 0.0711

Std Dev: 2.6393 +/- 0.0503

Entries: 1805

Mean: 0.0224 +/- 0.1749

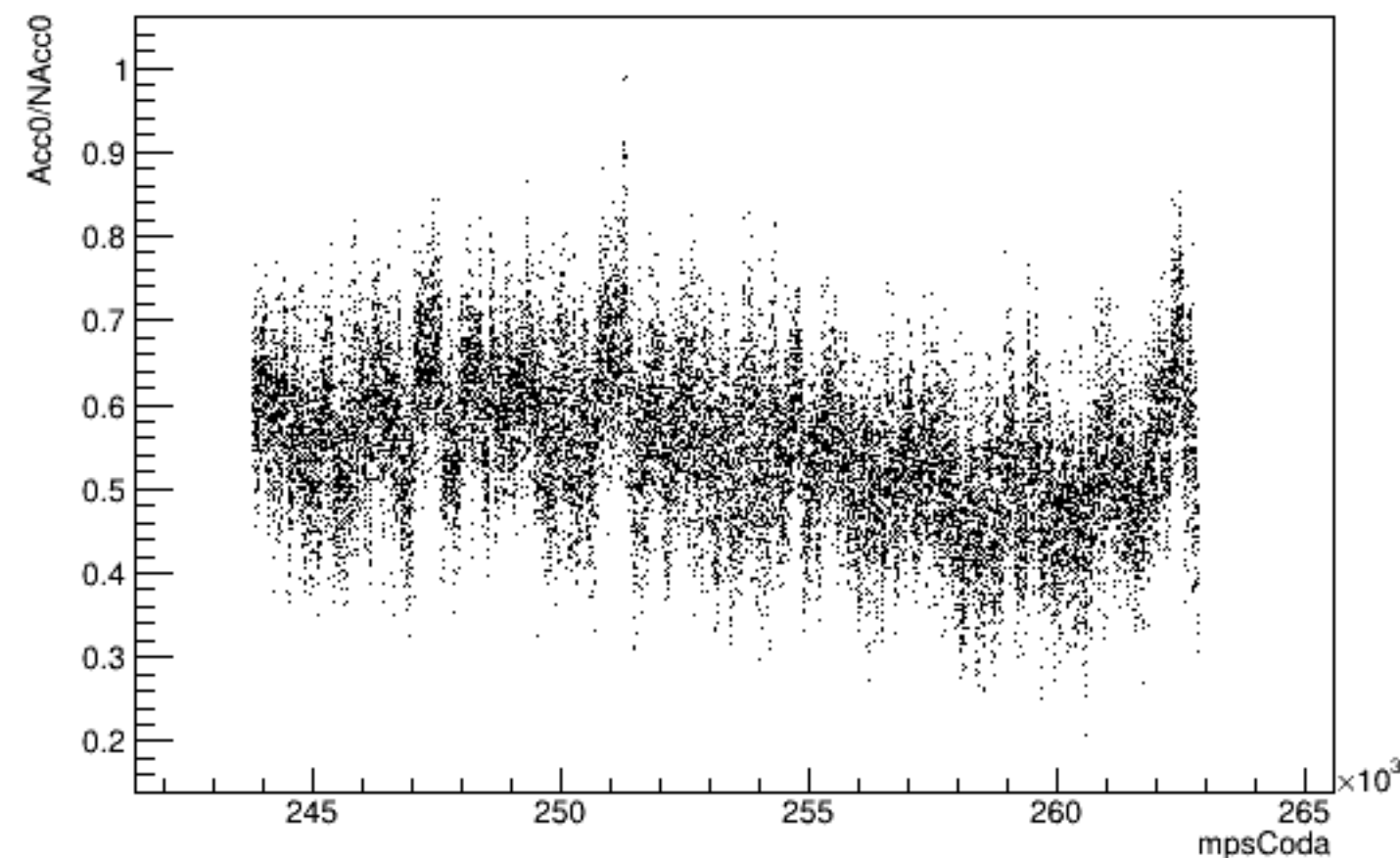
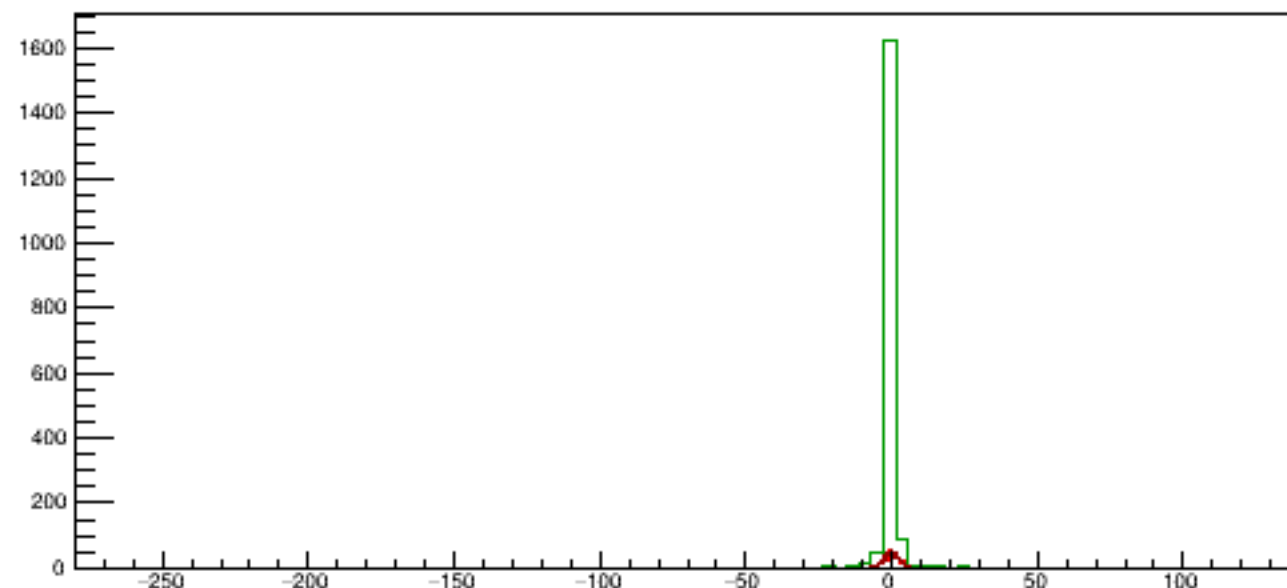
Std Dev: 7.4297 +/- 0.1237

Entries: 1389

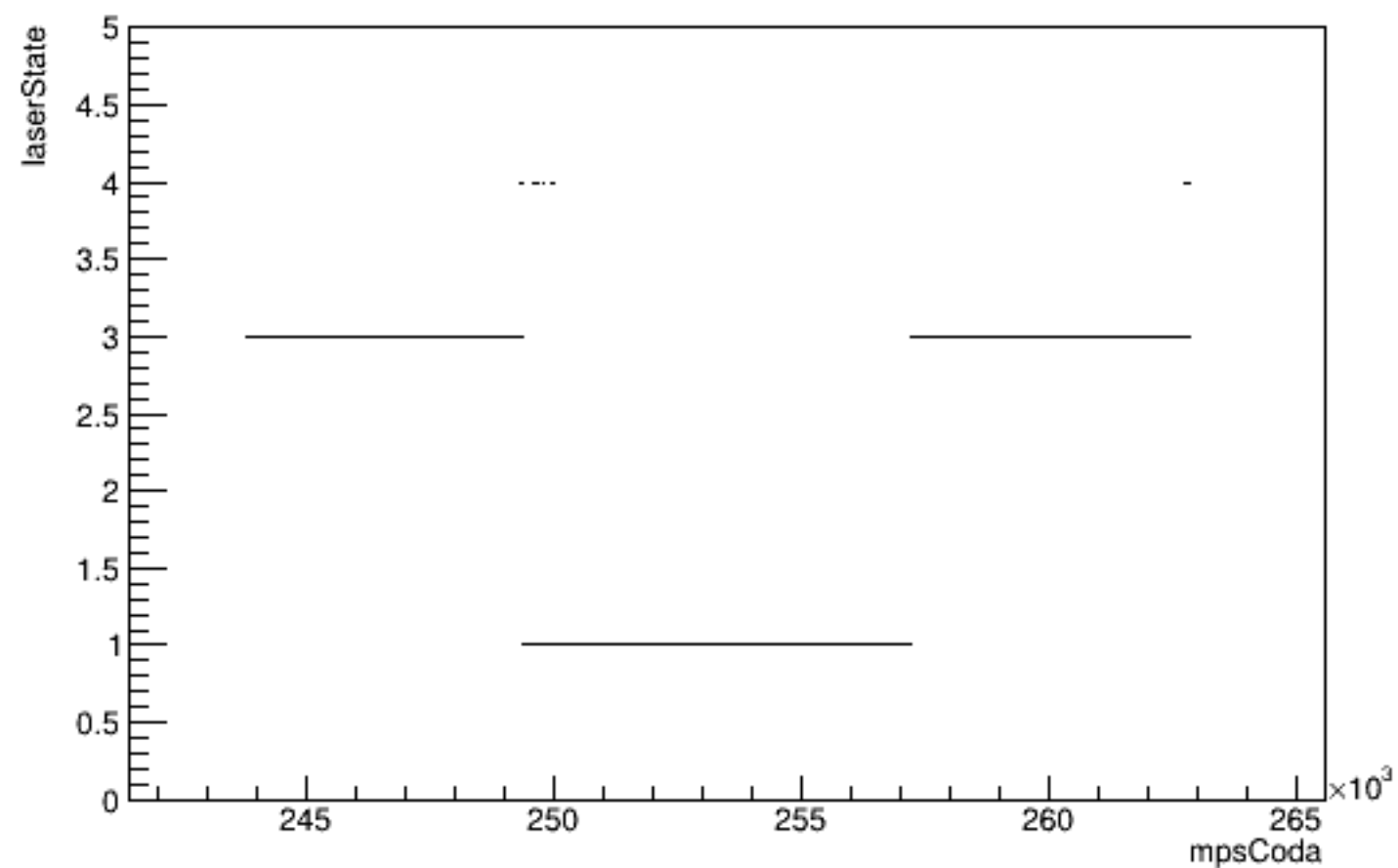
Mean: 0.0547 +/- 0.0731

Std Dev: 2.7242 +/- 0.0517

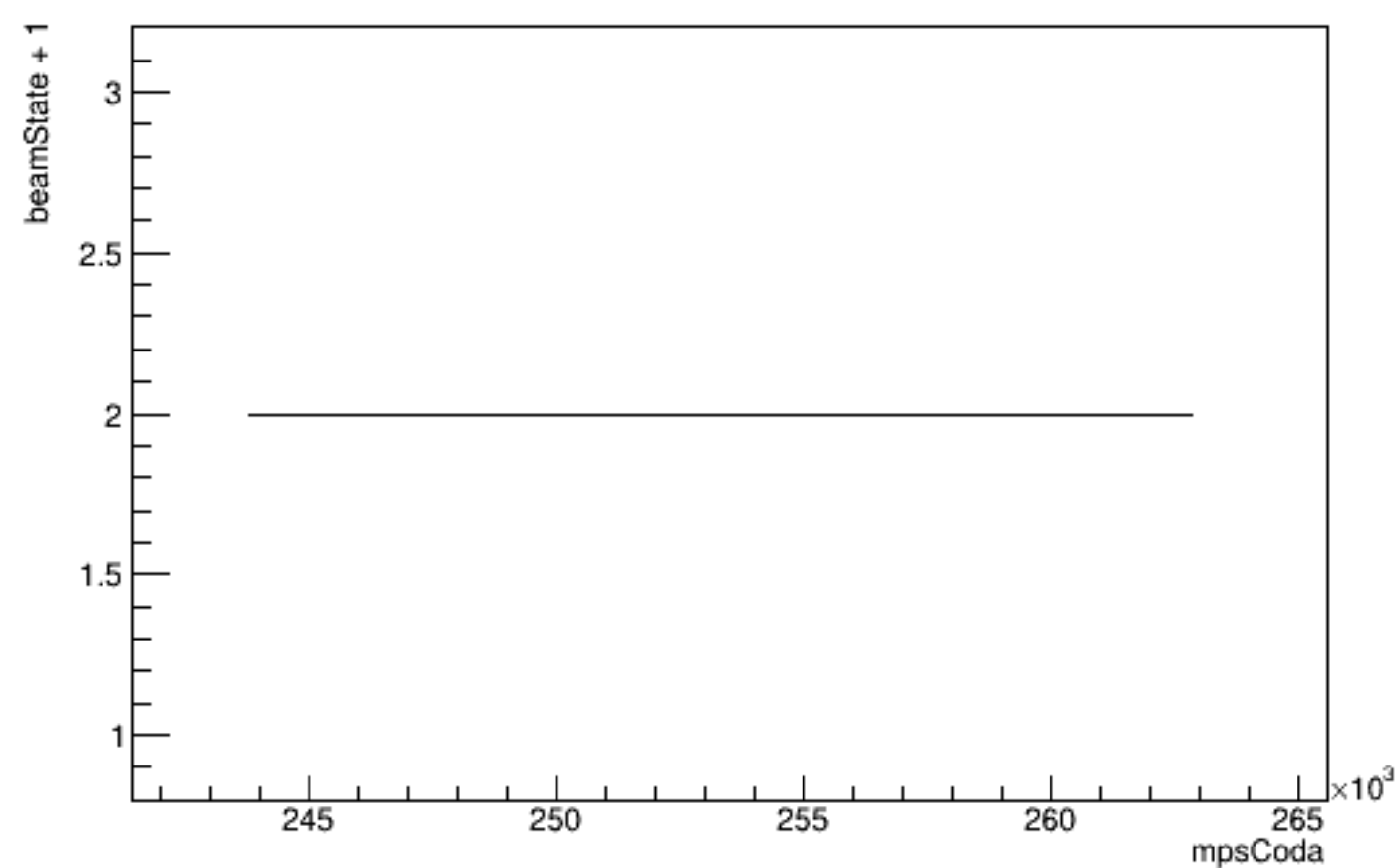
Run 6253 quartetwise, Asyms



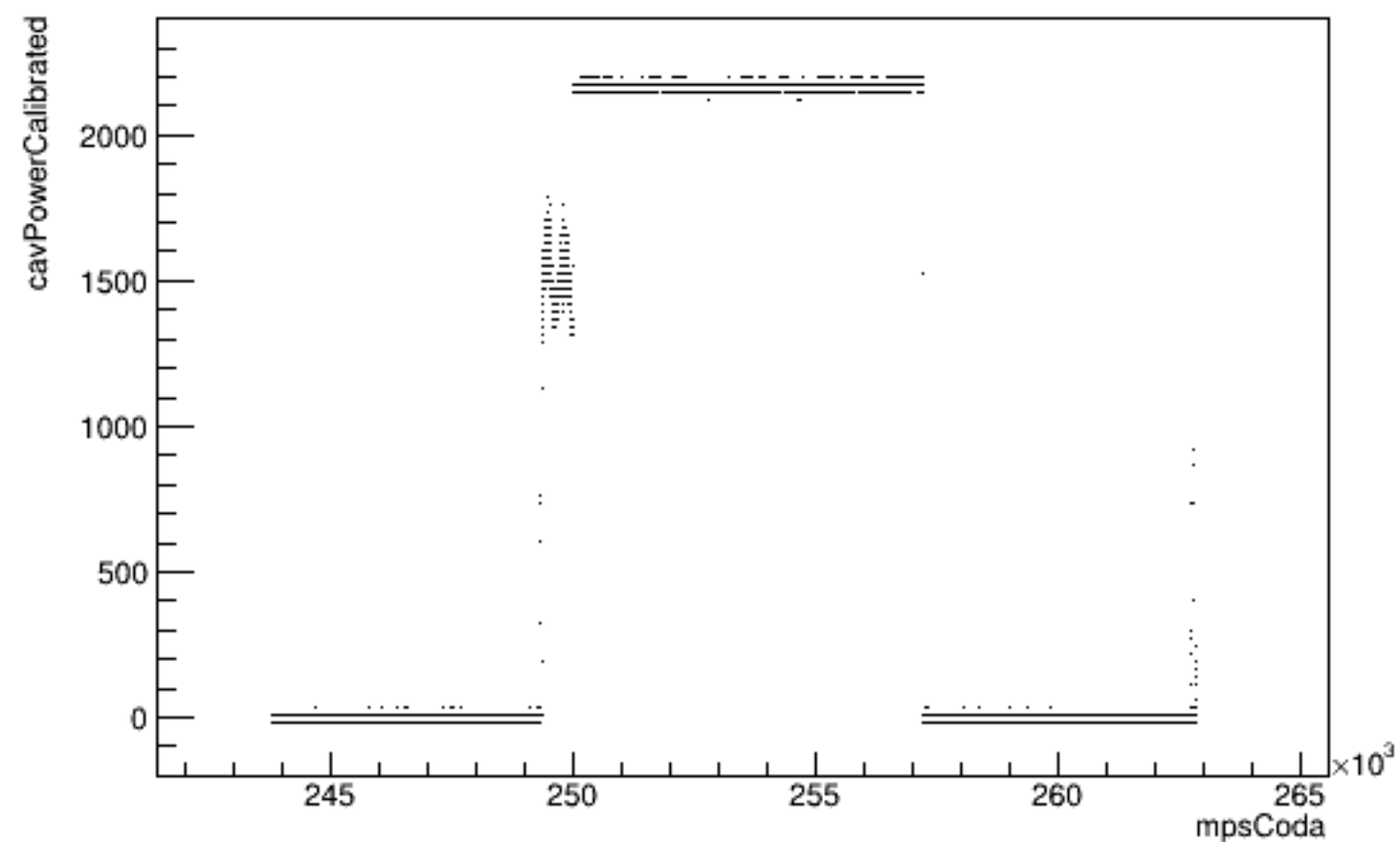
laserState:mpsCoda {mpsCoda>=243797 && mpsCoda<=262828}



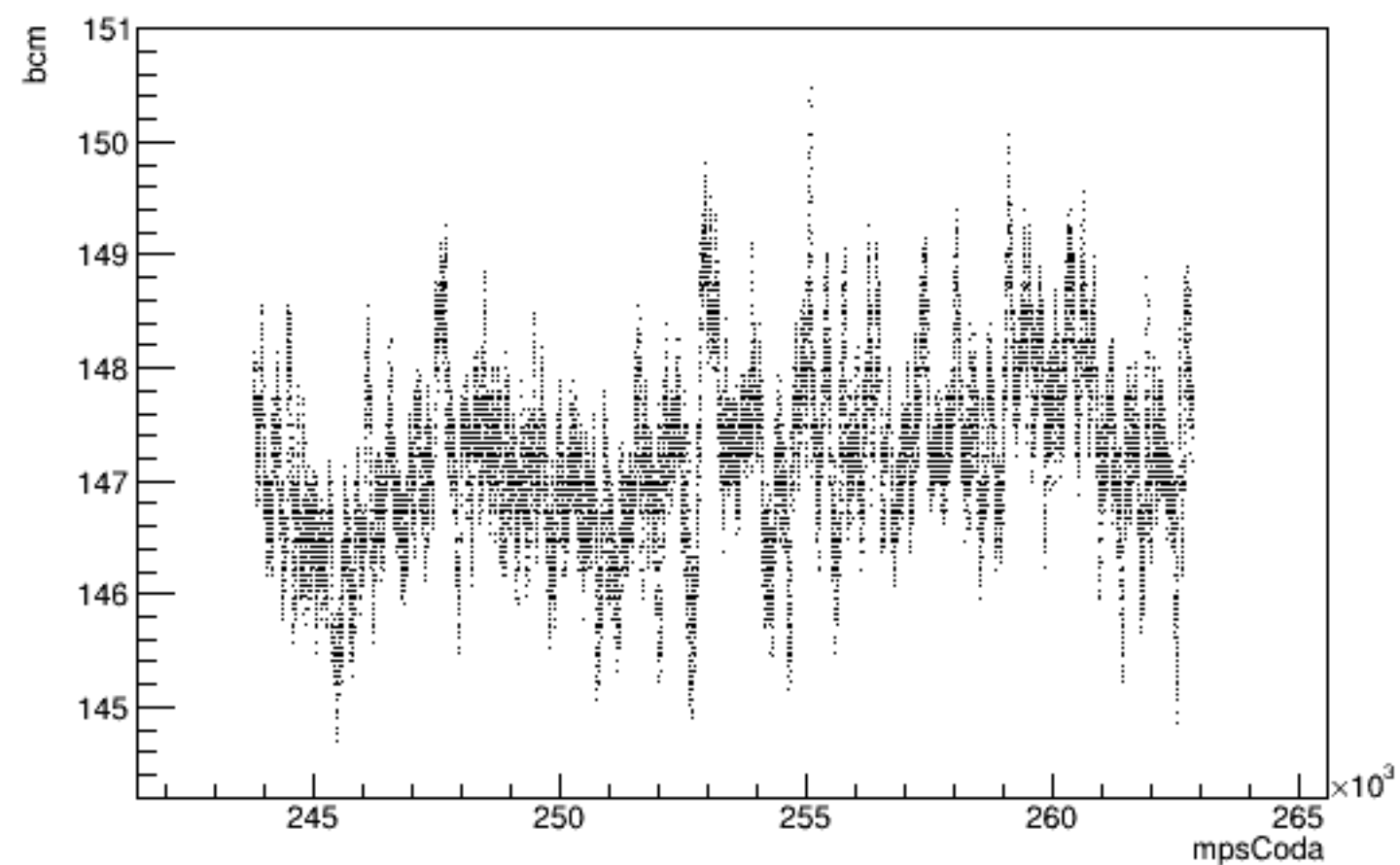
beamState + 1:mpsCoda {mpsCoda>=243797 && mpsCoda<=262828}



cavPowerCalibrated:mpsCoda {mpsCoda>=243797 && mpsCoda<=262828}



bcm:mpsCoda {mpsCoda>=243797 && mpsCoda<=262828}



Cycle 12, Diffs

Entries: 1366

Mean: -0.0034 +/- 0.0011

Std Dev: 0.0424 +/- 0.0008

Entries: 1806

Mean: -0.0027 +/- 0.0010

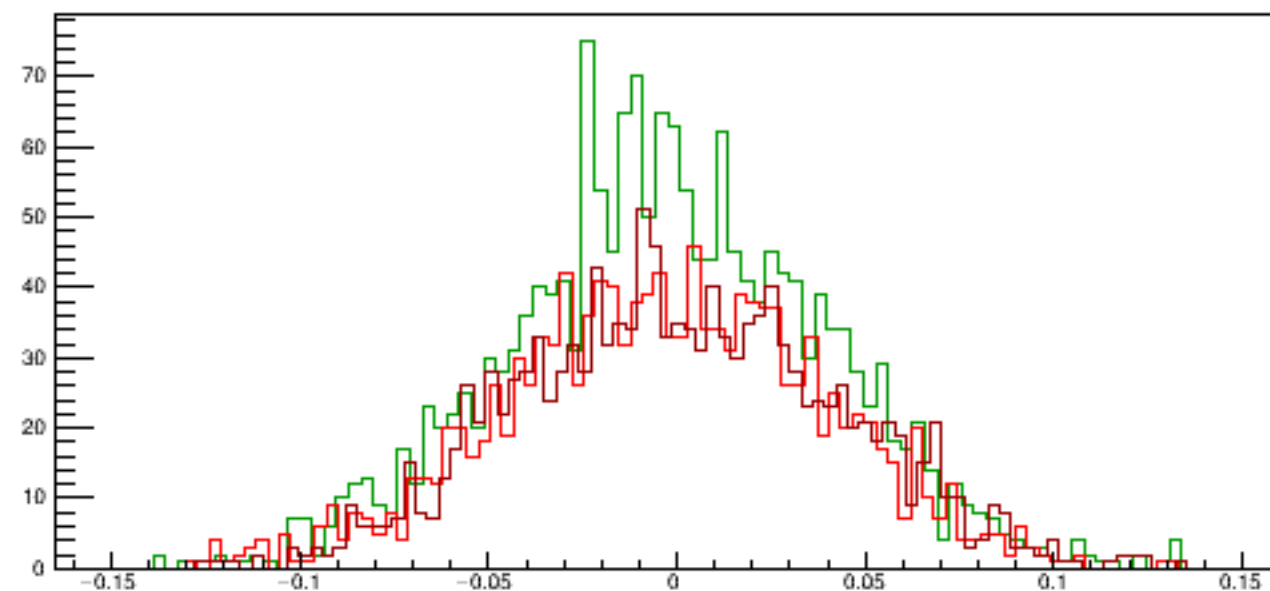
Std Dev: 0.0425 +/- 0.0007

Entries: 1364

Mean: 0.0001 +/- 0.0012

Std Dev: 0.0428 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 12, Sums

Entries: 1366

Mean: 1.2426 +/- 0.0043

Std Dev: 0.1582 +/- 0.0030

Entries: 1806

Mean: 0.9756 +/- 0.0031

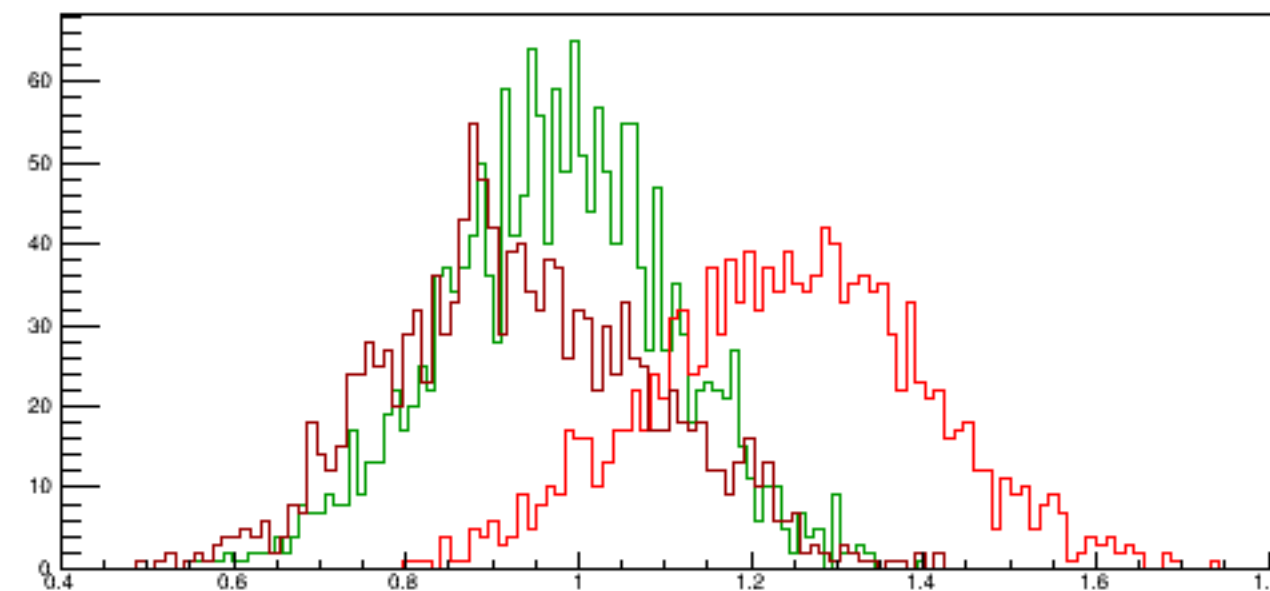
Std Dev: 0.1333 +/- 0.0022

Entries: 1364

Mean: 0.9327 +/- 0.0042

Std Dev: 0.1539 +/- 0.0029

Run 6253 quartetwise, Sums



Cycle 12, Asyms

Entries: 1366

Mean: 0.0303 +/- 0.0102

Std Dev: 0.3785 +/- 0.0072

Entries: 1806

Mean: -0.2307 +/- 0.2249

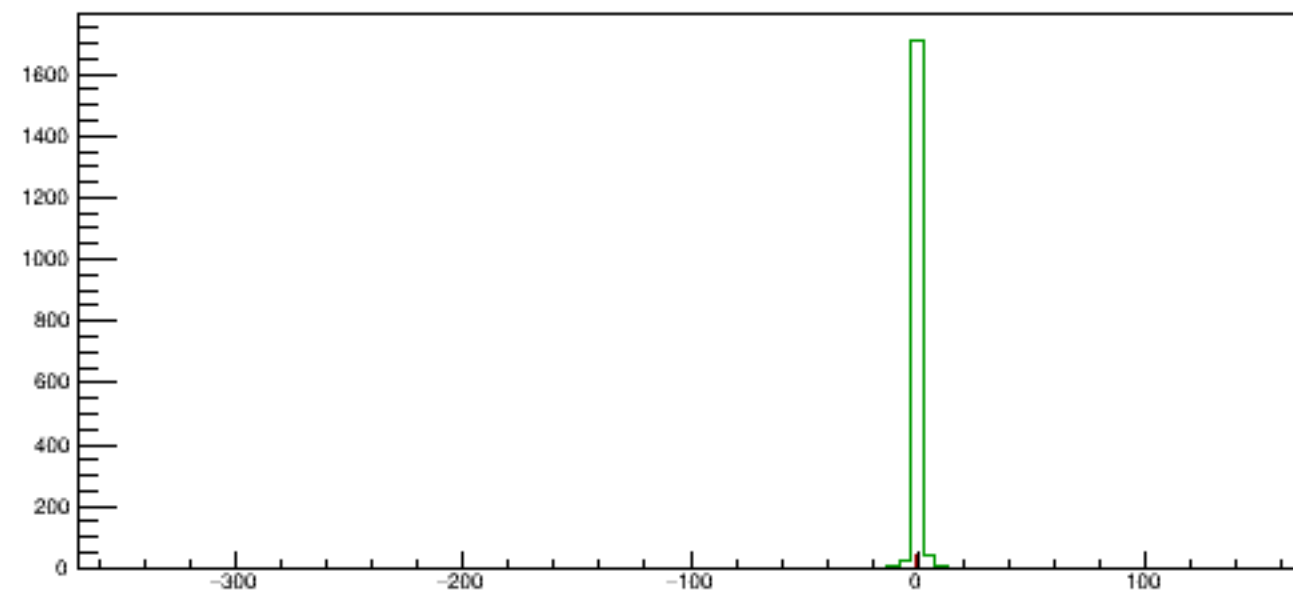
Std Dev: 9.5566 +/- 0.1590

Entries: 1364

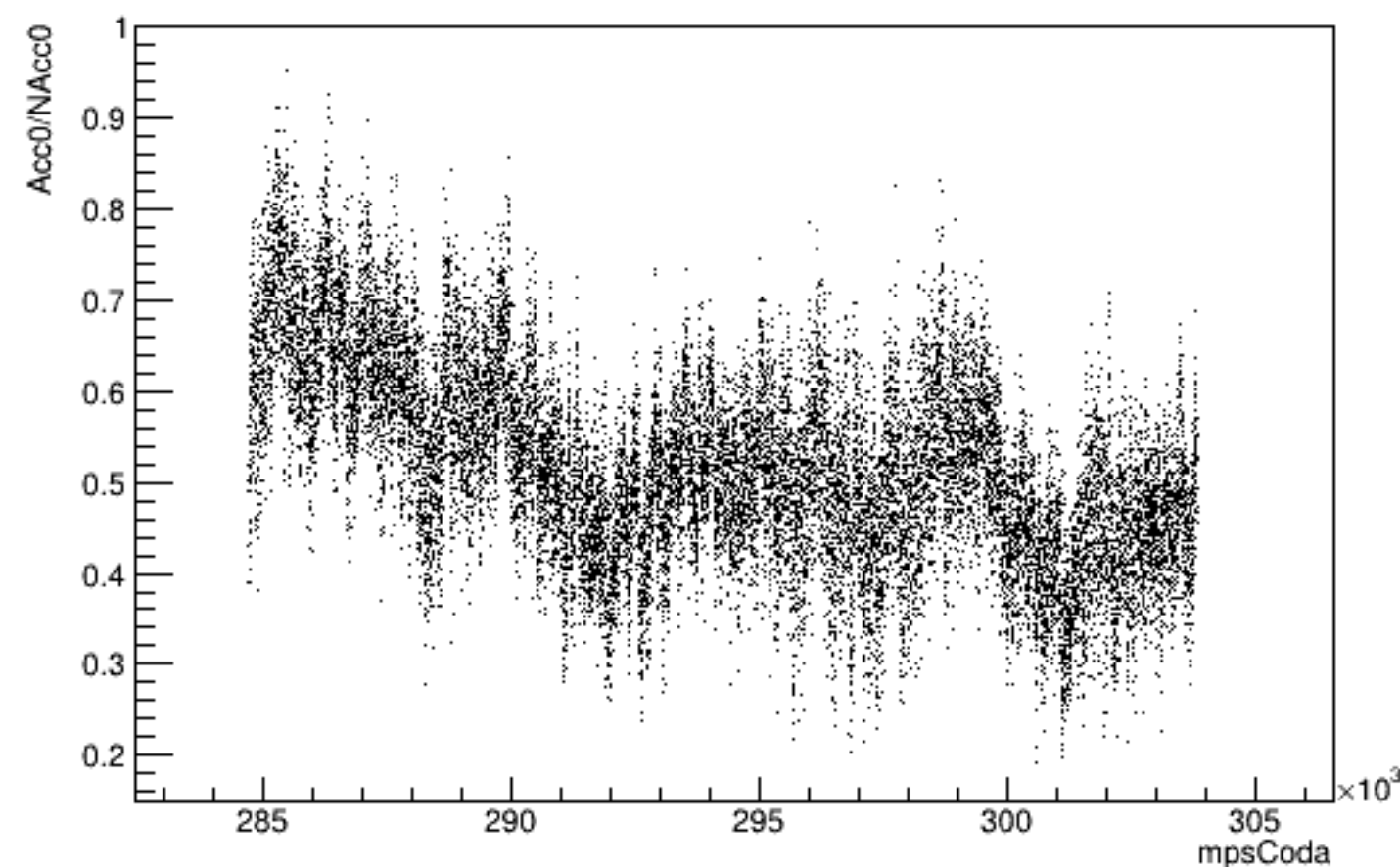
Mean: -0.0012 +/- 0.0103

Std Dev: 0.3816 +/- 0.0073

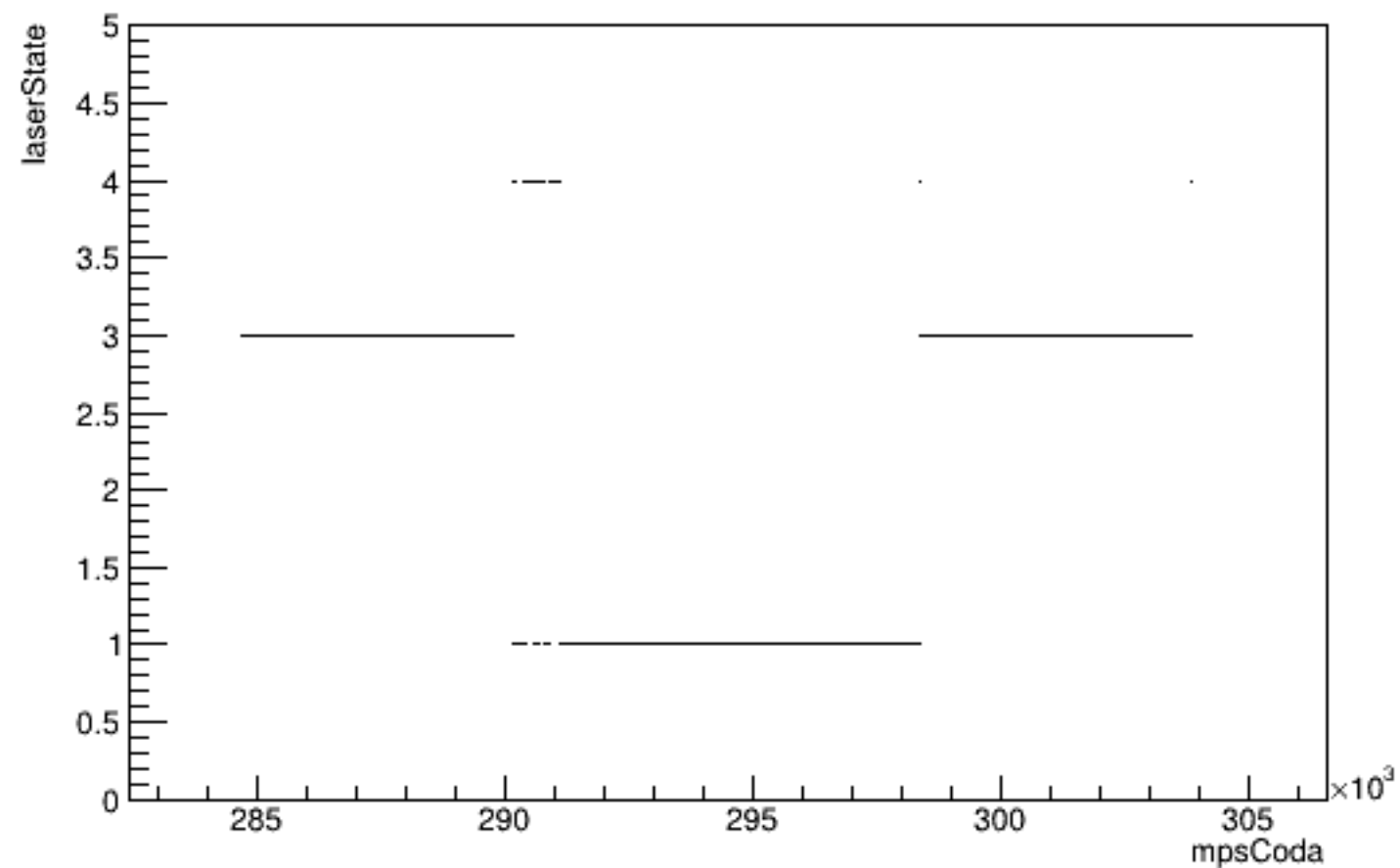
Run 6253 quartetwise, Asyms



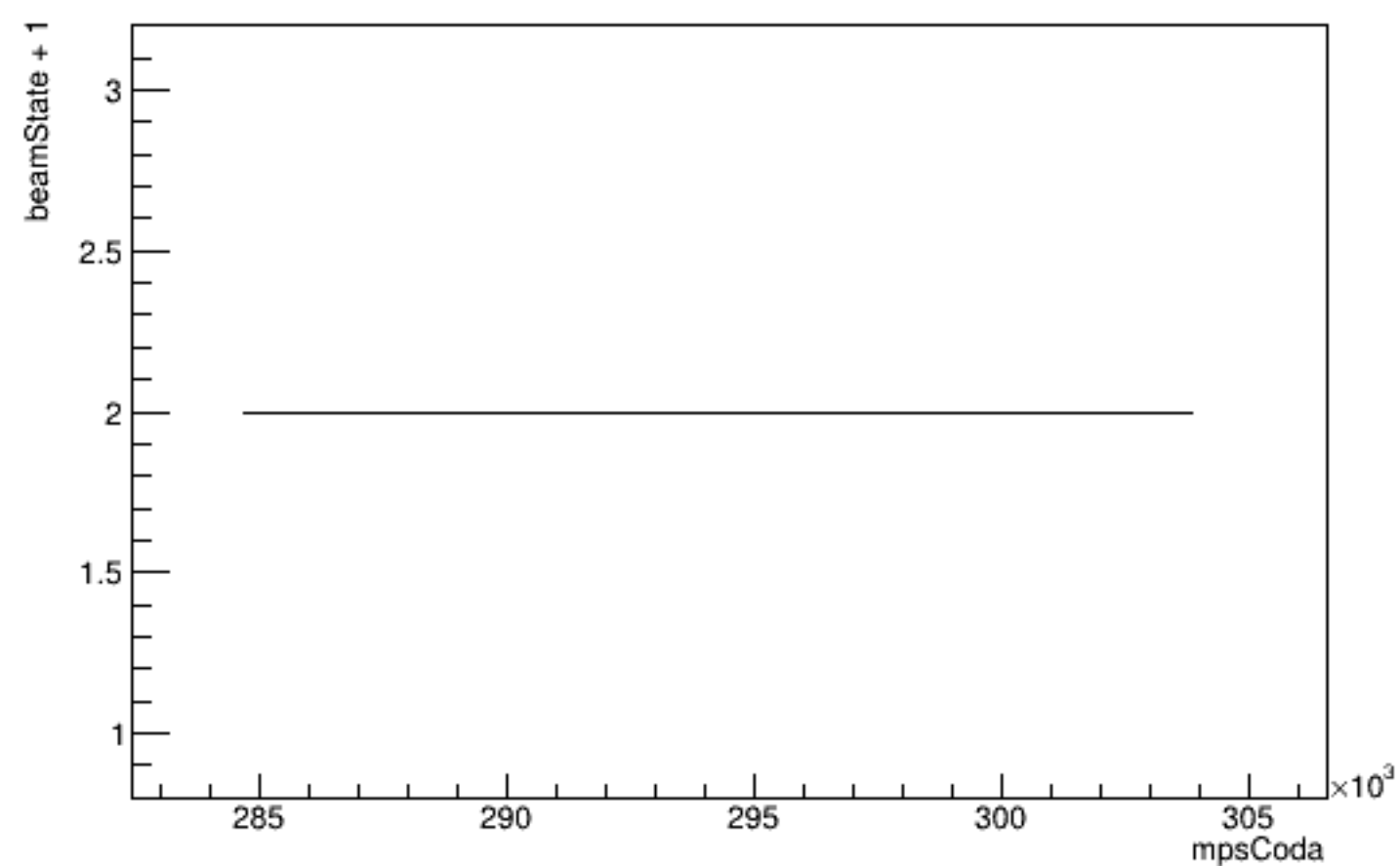
Acc0/NAcc0:mpsCoda (mpsCoda>=284713 && mpsCoda<=303816 && beamState==1)



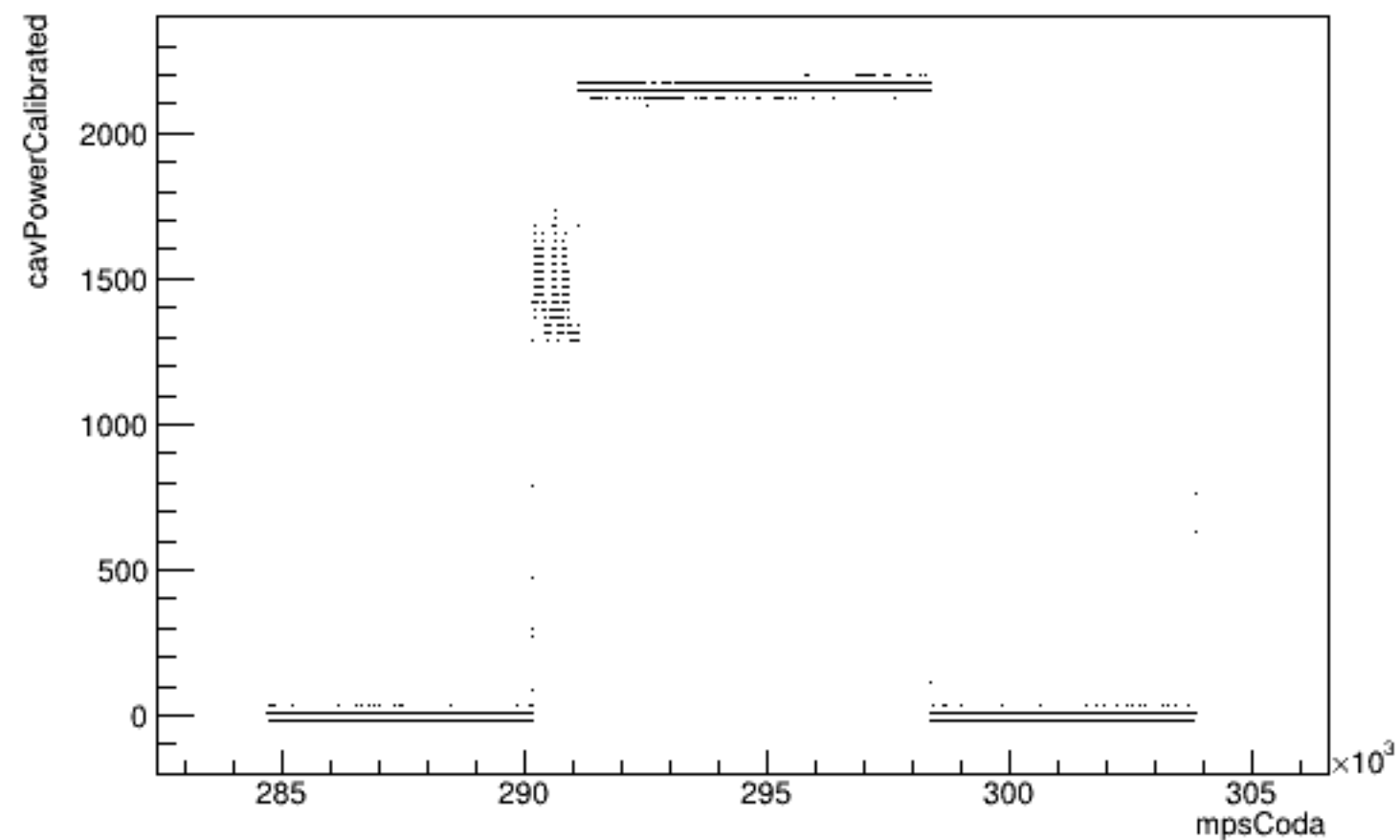
laserState:mpsCoda {mpsCoda>=284713 && mpsCoda<=303816}



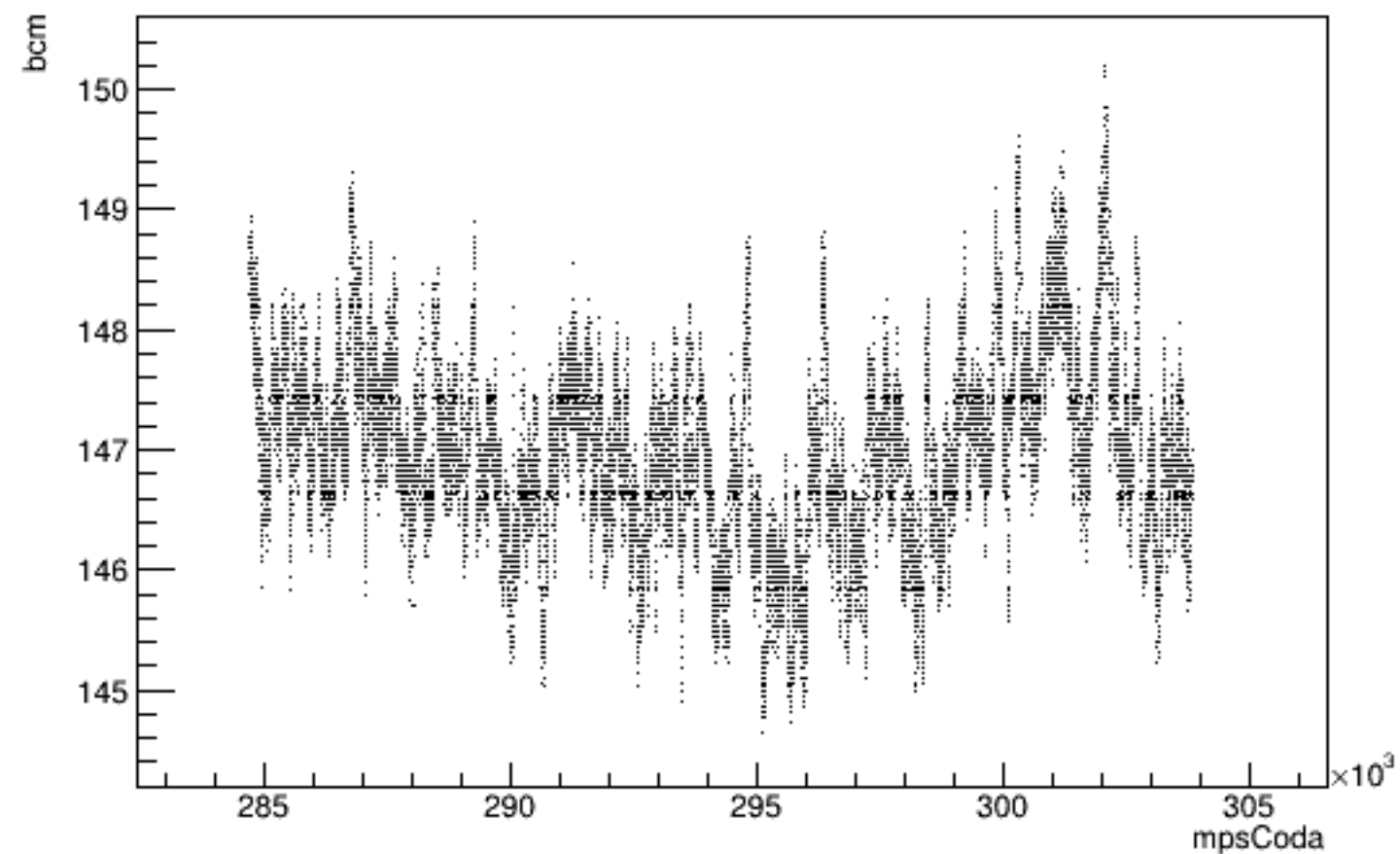
beamState + 1:mpsCoda {mpsCoda>=284713 && mpsCoda<=303816}



cavPowerCalibrated:mpsCoda {mpsCoda>=284713 && mpsCoda<=303816}



bcm:mpsCoda {mpsCoda>=284713 && mpsCoda<=303816}



Cycle 13, Diffs

Entries: 1364

Mean: 0.0001 +/- 0.0012

Std Dev: 0.0428 +/- 0.0008

Entries: 1806

Mean: -0.0028 +/- 0.0010

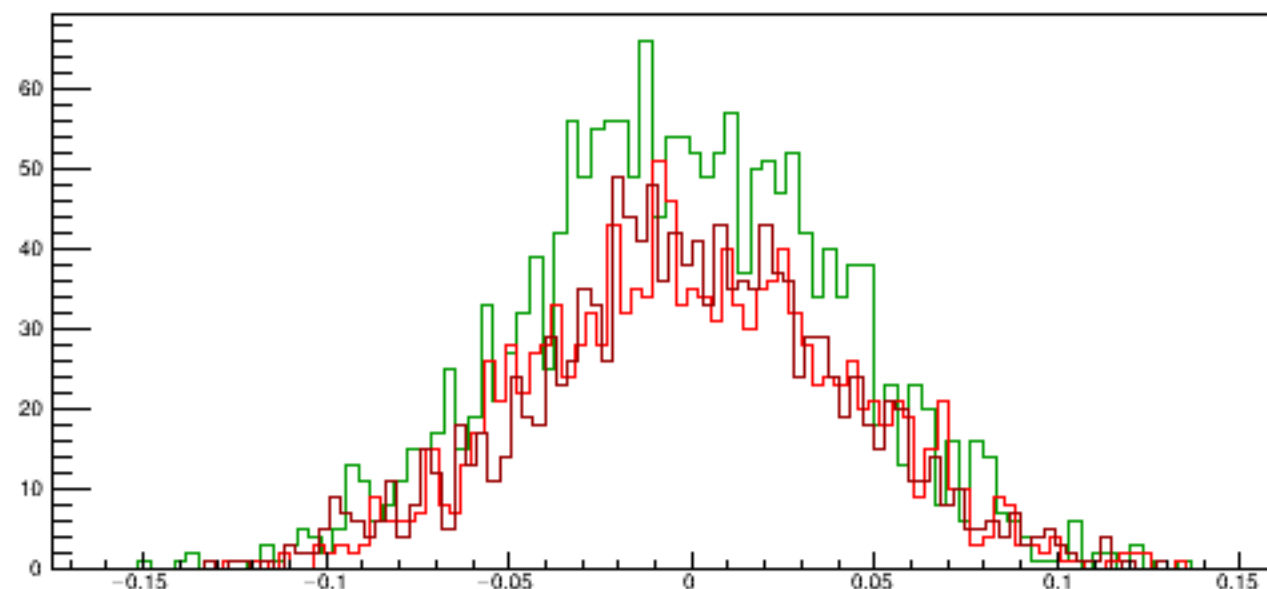
Std Dev: 0.0432 +/- 0.0007

Entries: 1375

Mean: -0.0014 +/- 0.0012

Std Dev: 0.0430 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 13, Sums

Entries: 1364

Mean: 0.9327 +/- 0.0042

Std Dev: 0.1539 +/- 0.0029

Entries: 1806

Mean: 1.0928 +/- 0.0034

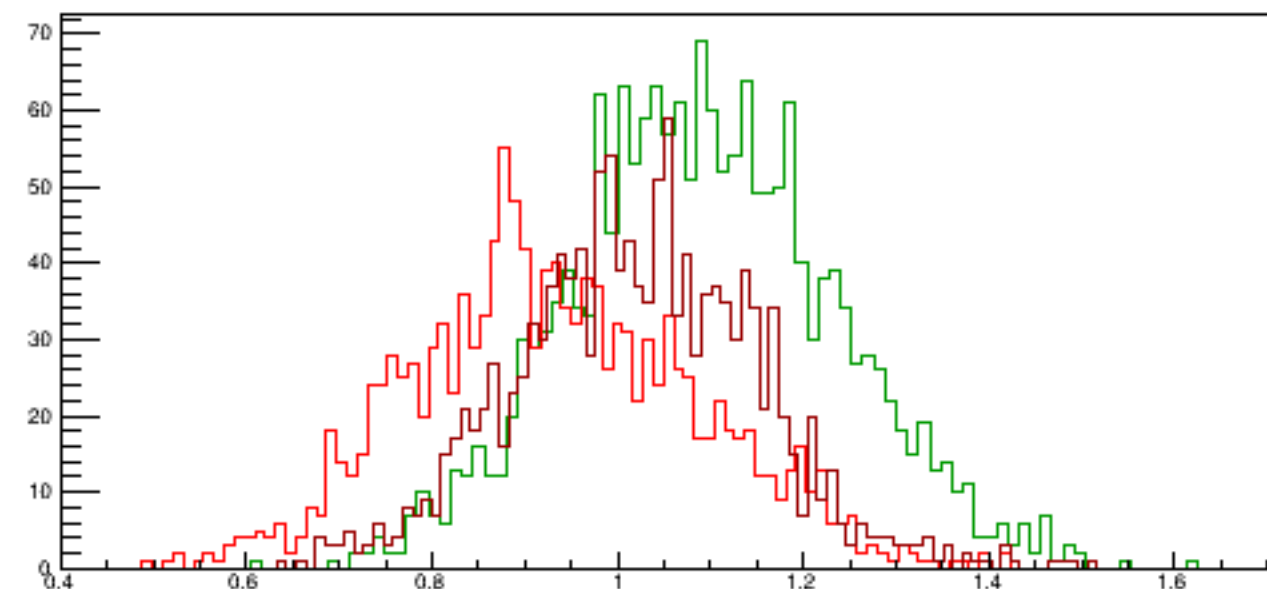
Std Dev: 0.1427 +/- 0.0024

Entries: 1375

Mean: 1.0194 +/- 0.0035

Std Dev: 0.1307 +/- 0.0025

Run 6253 quartetwise, Sums



Cycle 13, Asyms

Entries: 1364

Mean: 0.0011 +/- 0.0099

Std Dev: 0.3665 +/- 0.0070

Entries: 1806

Mean: 0.1871 +/- 0.1205

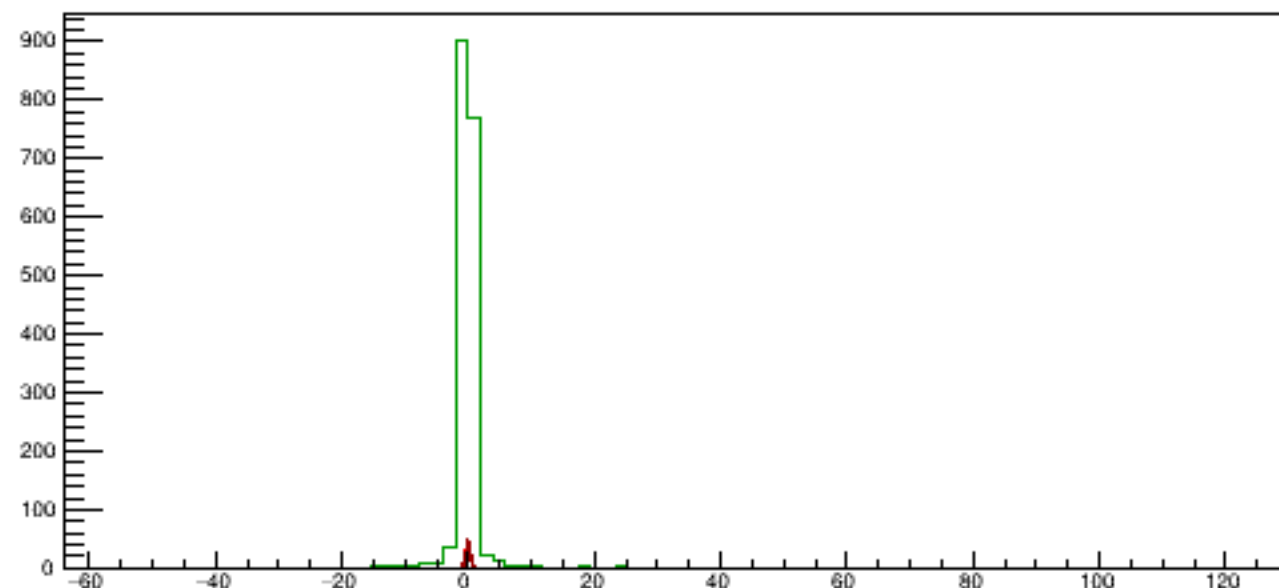
Std Dev: 5.1192 +/- 0.0852

Entries: 1375

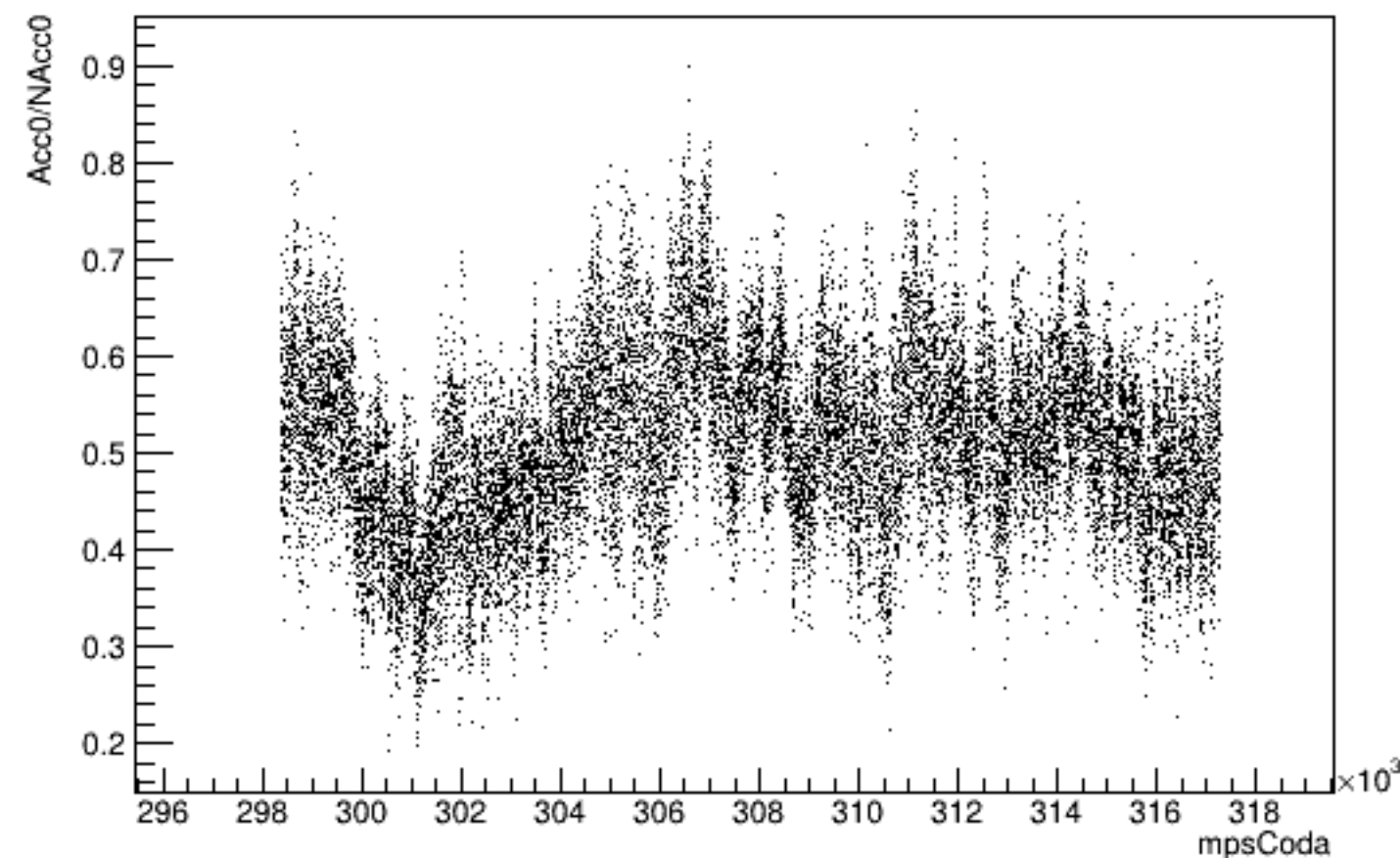
Mean: -0.0120 +/- 0.0099

Std Dev: 0.3689 +/- 0.0070

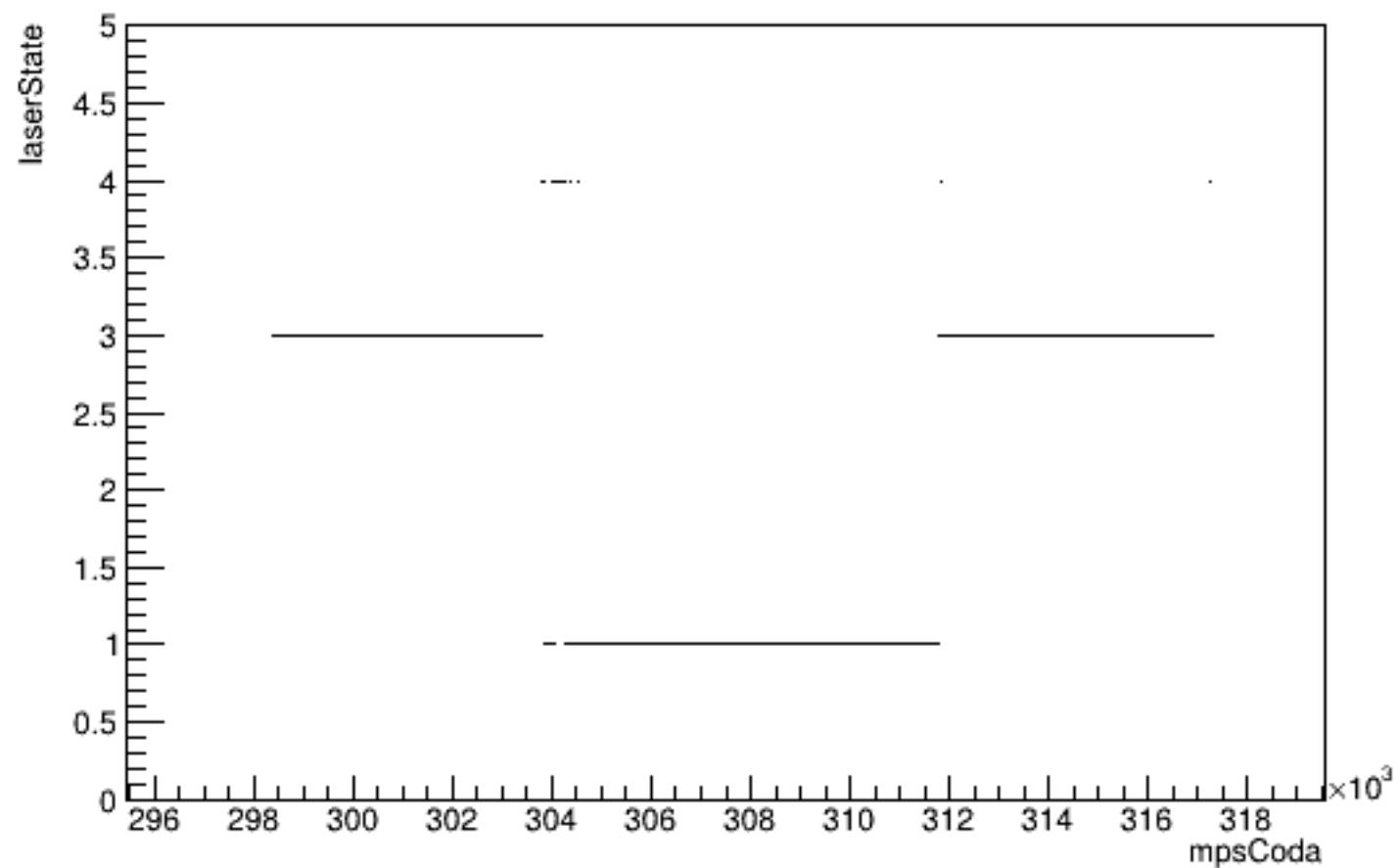
Run 6253 quartetwise, Asyms



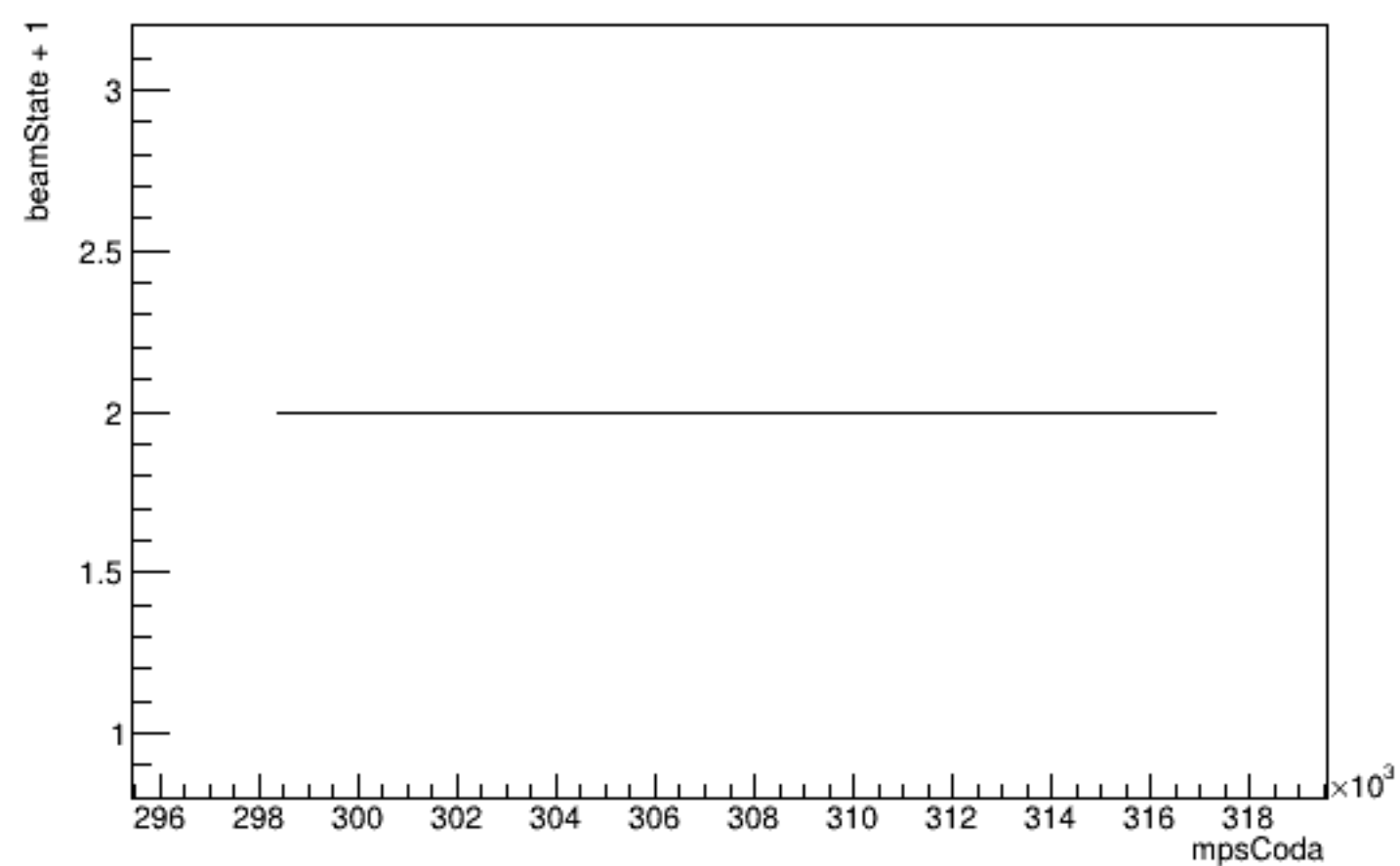
Acc0/NAcc0:mpsCoda (mpsCoda>=298357 && mpsCoda<=317284 && beamState==1)



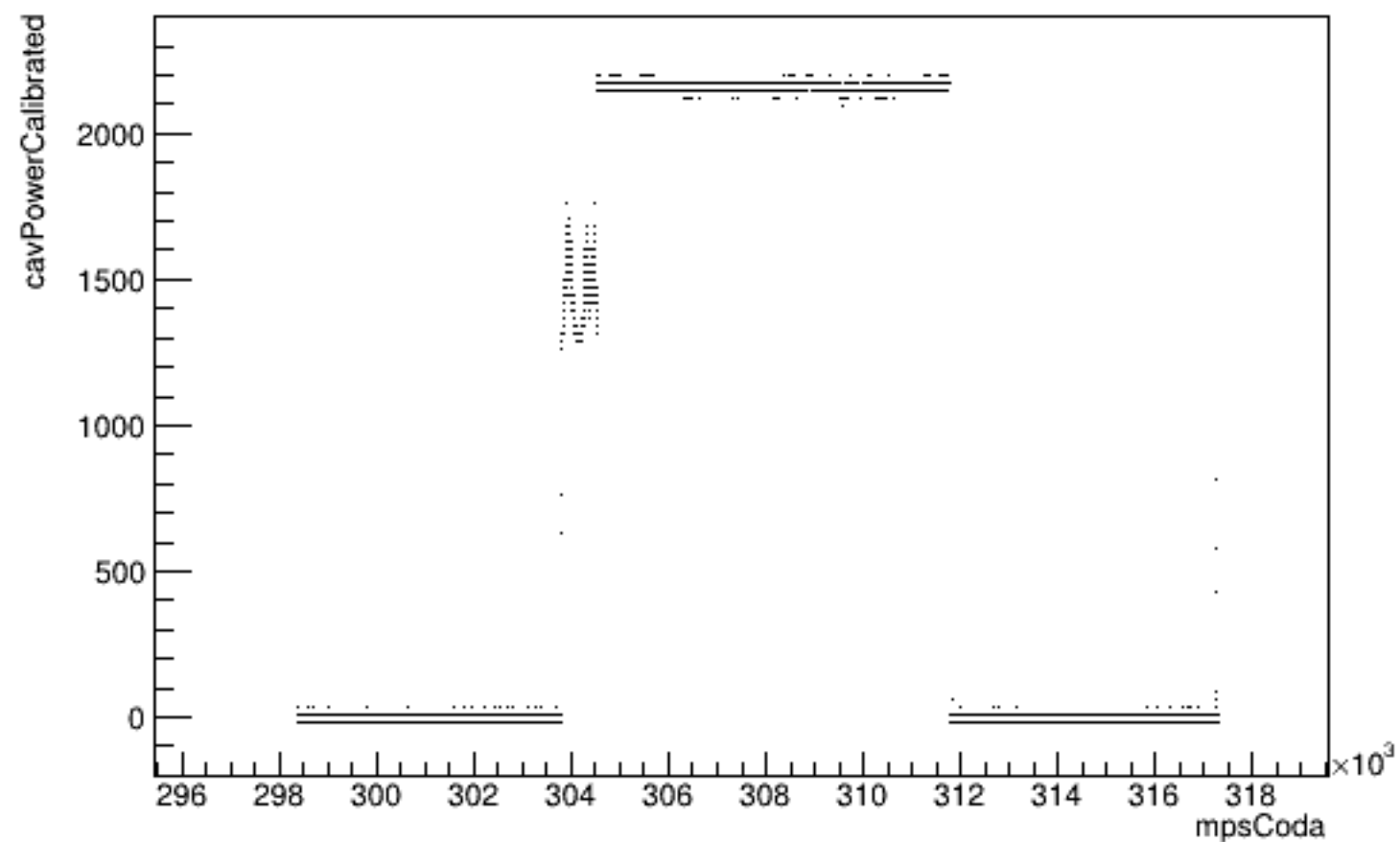
laserState:mpsCoda {mpsCoda>=298357 && mpsCoda<=317284}



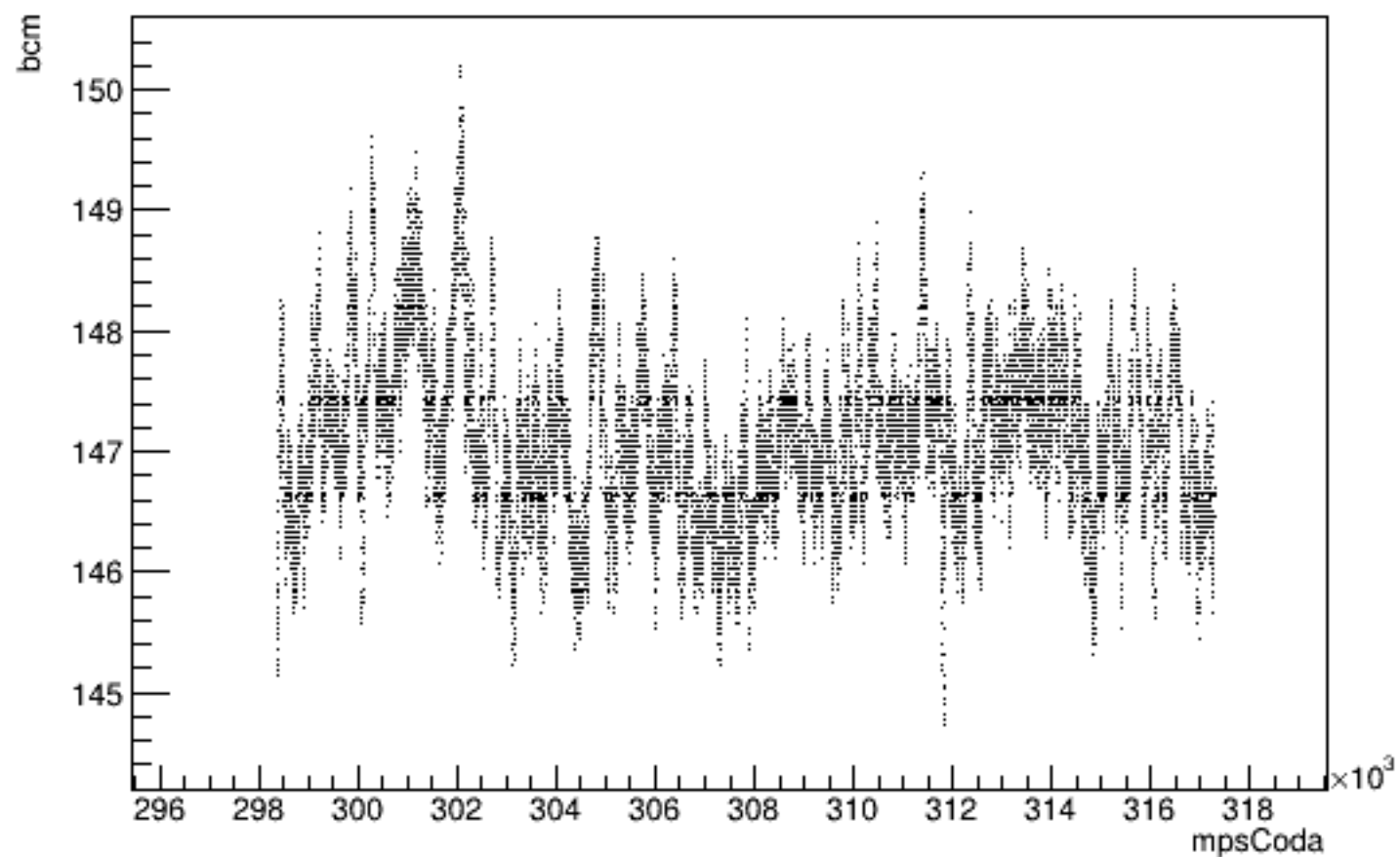
beamState + 1:mpsCoda {mpsCoda>=298357 && mpsCoda<=317284}



cavPowerCalibrated:mpsCoda {mpsCoda>=298357 && mpsCoda<=317284}



bcm:mpsCoda {mpsCoda>=298357 && mpsCoda<=317284}



Cycle 14, Diffs

Entries: 1375

Mean: -0.0014 +/- 0.0012

Std Dev: 0.0430 +/- 0.0008

Entries: 842

Mean: -0.0006 +/- 0.0015

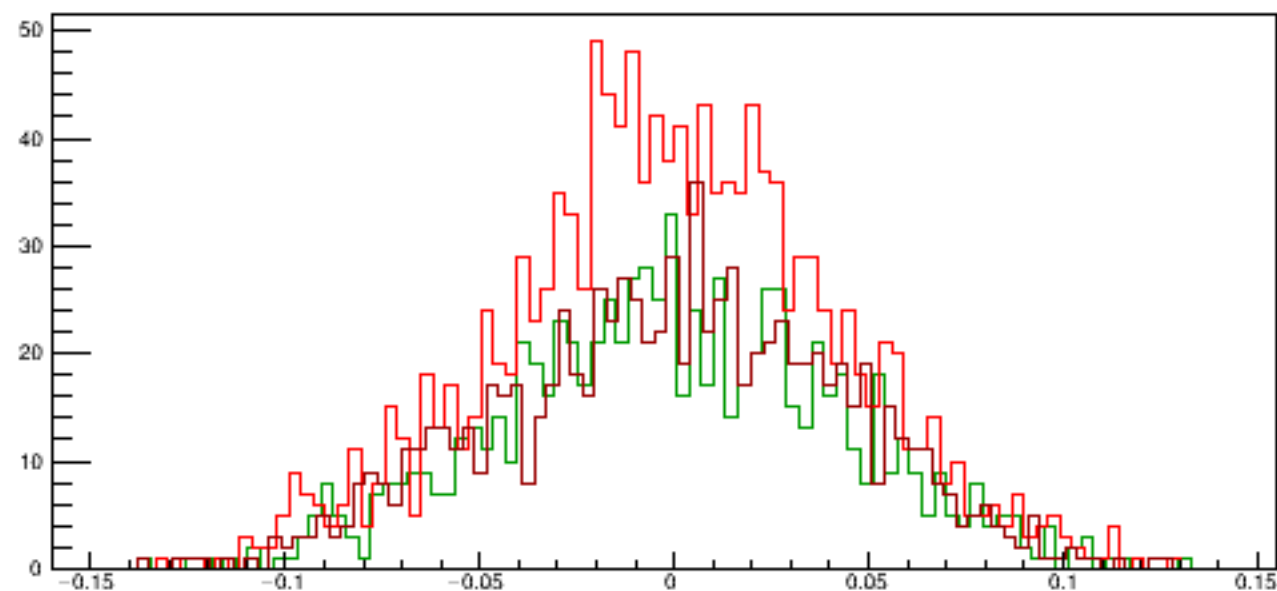
Std Dev: 0.0439 +/- 0.0011

Entries: 910

Mean: -0.0009 +/- 0.0015

Std Dev: 0.0445 +/- 0.0010

Run 6253 quartetwise, Diffs



Cycle 14, Sums

Entries: 1375

Mean: 1.0194 +/- 0.0035

Std Dev: 0.1307 +/- 0.0025

Entries: 842

Mean: 1.0941 +/- 0.0053

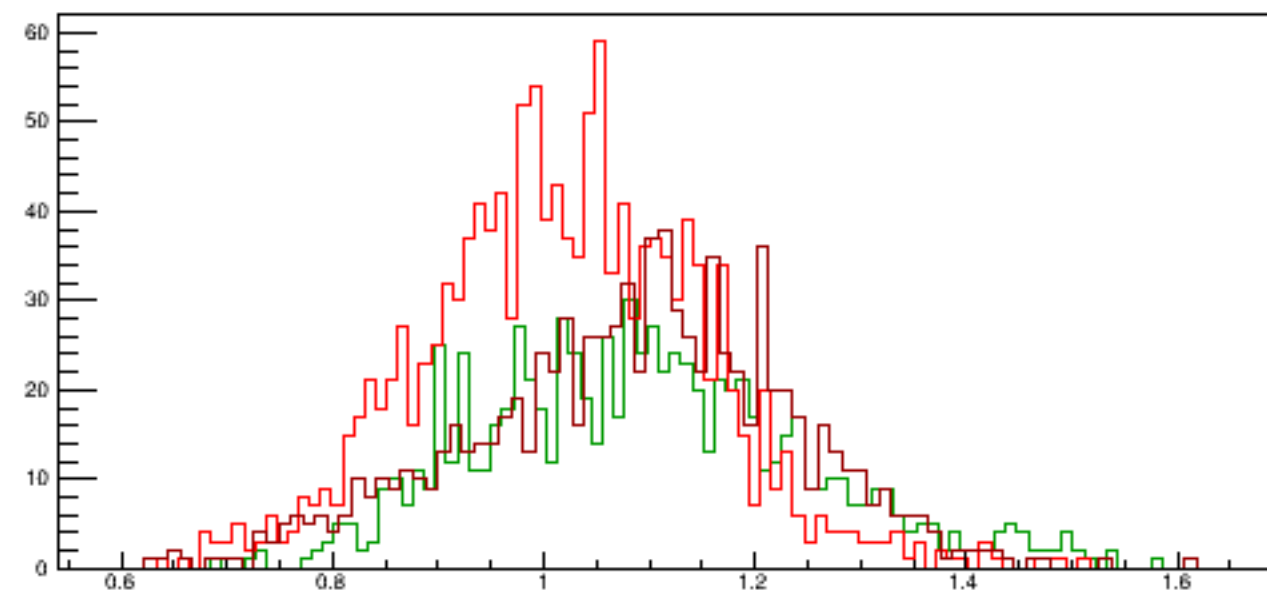
Std Dev: 0.1546 +/- 0.0038

Entries: 910

Mean: 1.0824 +/- 0.0050

Std Dev: 0.1508 +/- 0.0035

Run 6253 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=311769 && mpsCoda<=330912 && beamState==1)

Cycle 14, Asyms

Entries: 1375

Mean: -0.0325 +/- 0.0269

Std Dev: 0.9963 +/- 0.0190

Entries: 842

Mean: 0.2883 +/- 0.2551

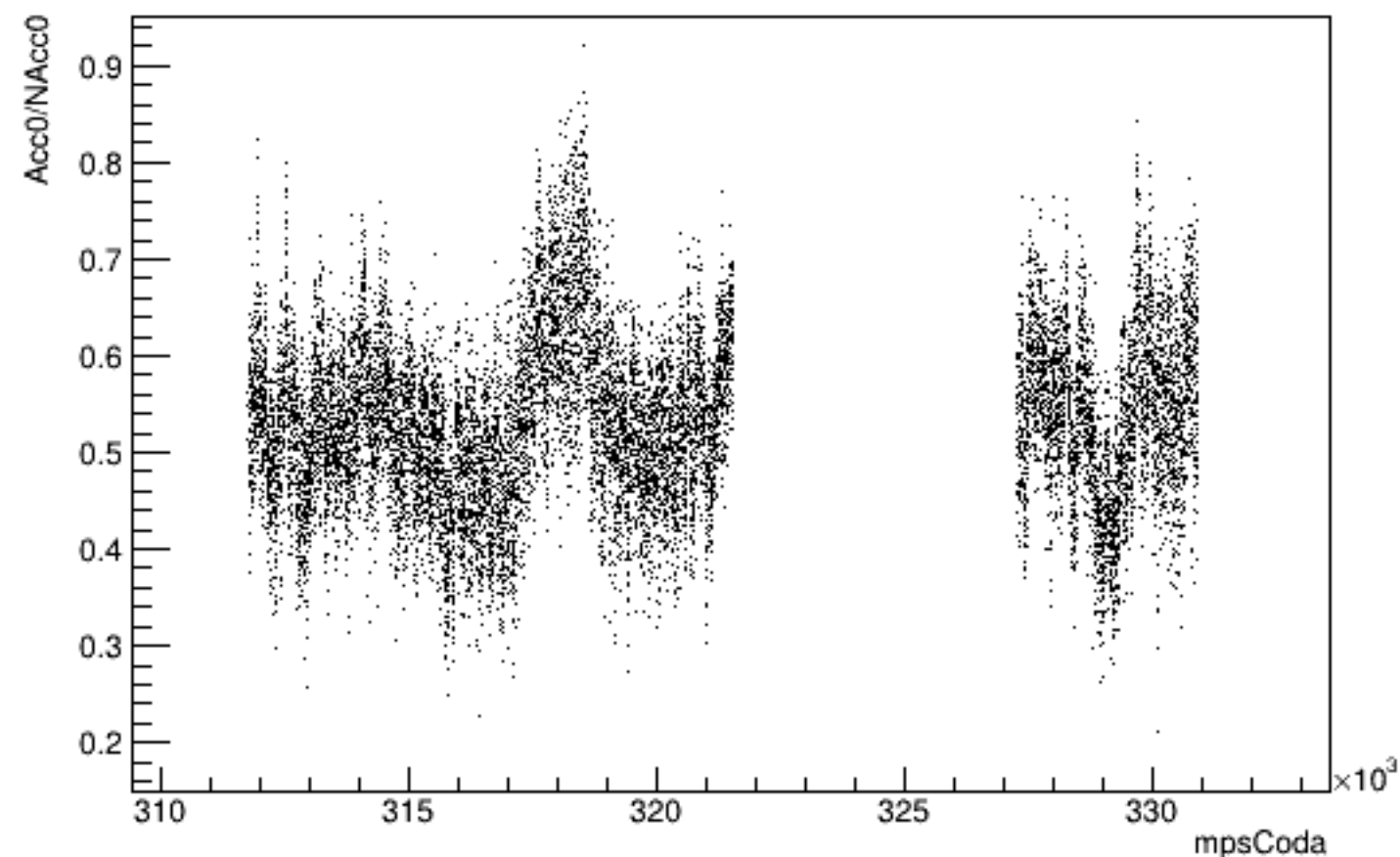
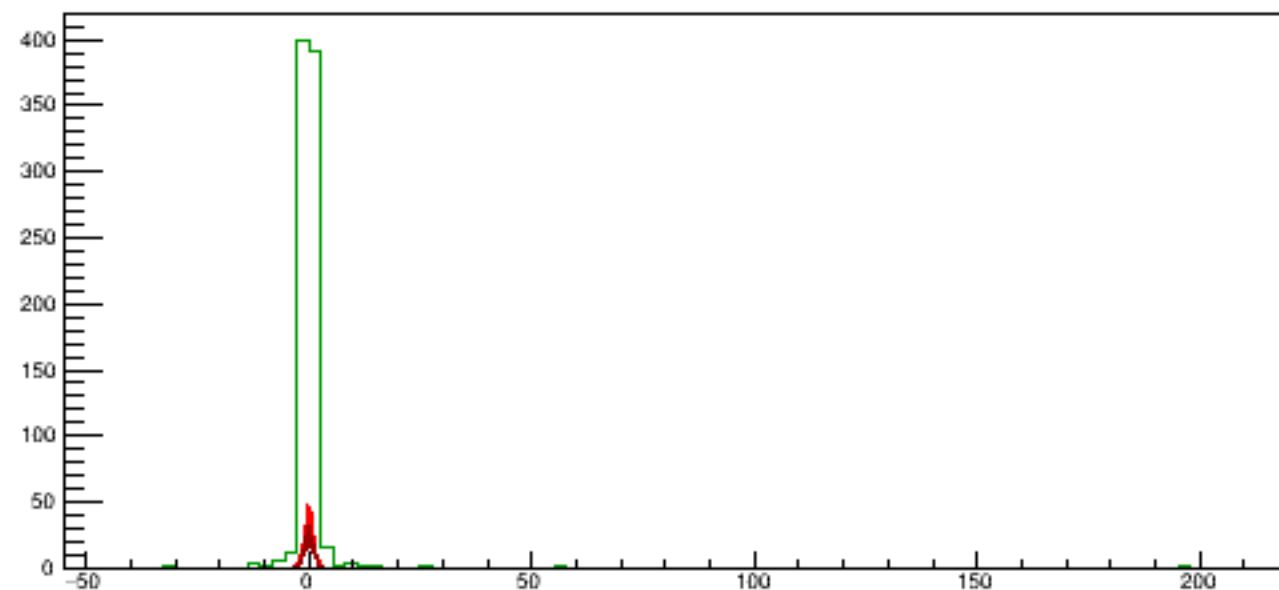
Std Dev: 7.4023 +/- 0.1804

Entries: 910

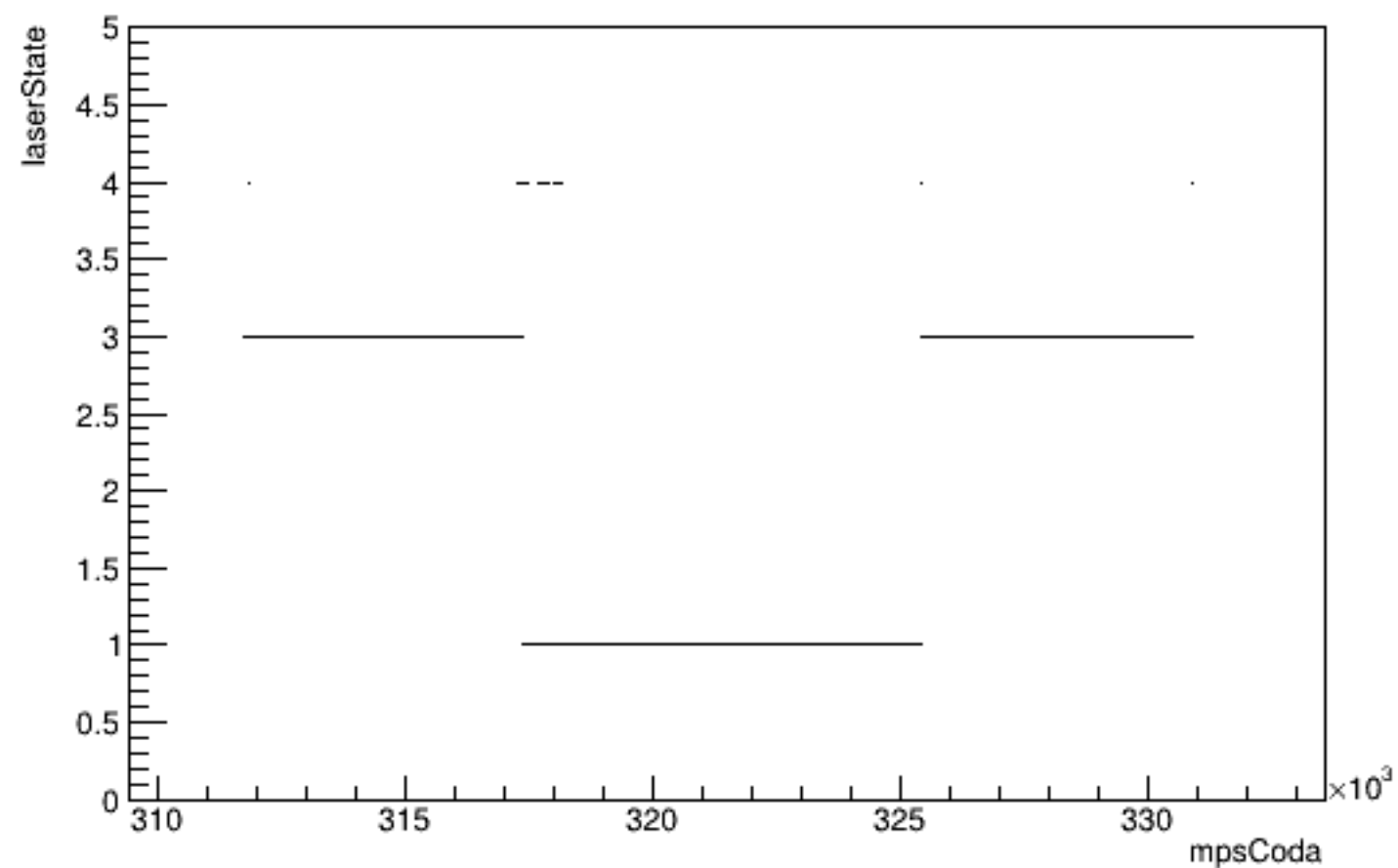
Mean: -0.0207 +/- 0.0341

Std Dev: 1.0291 +/- 0.0241

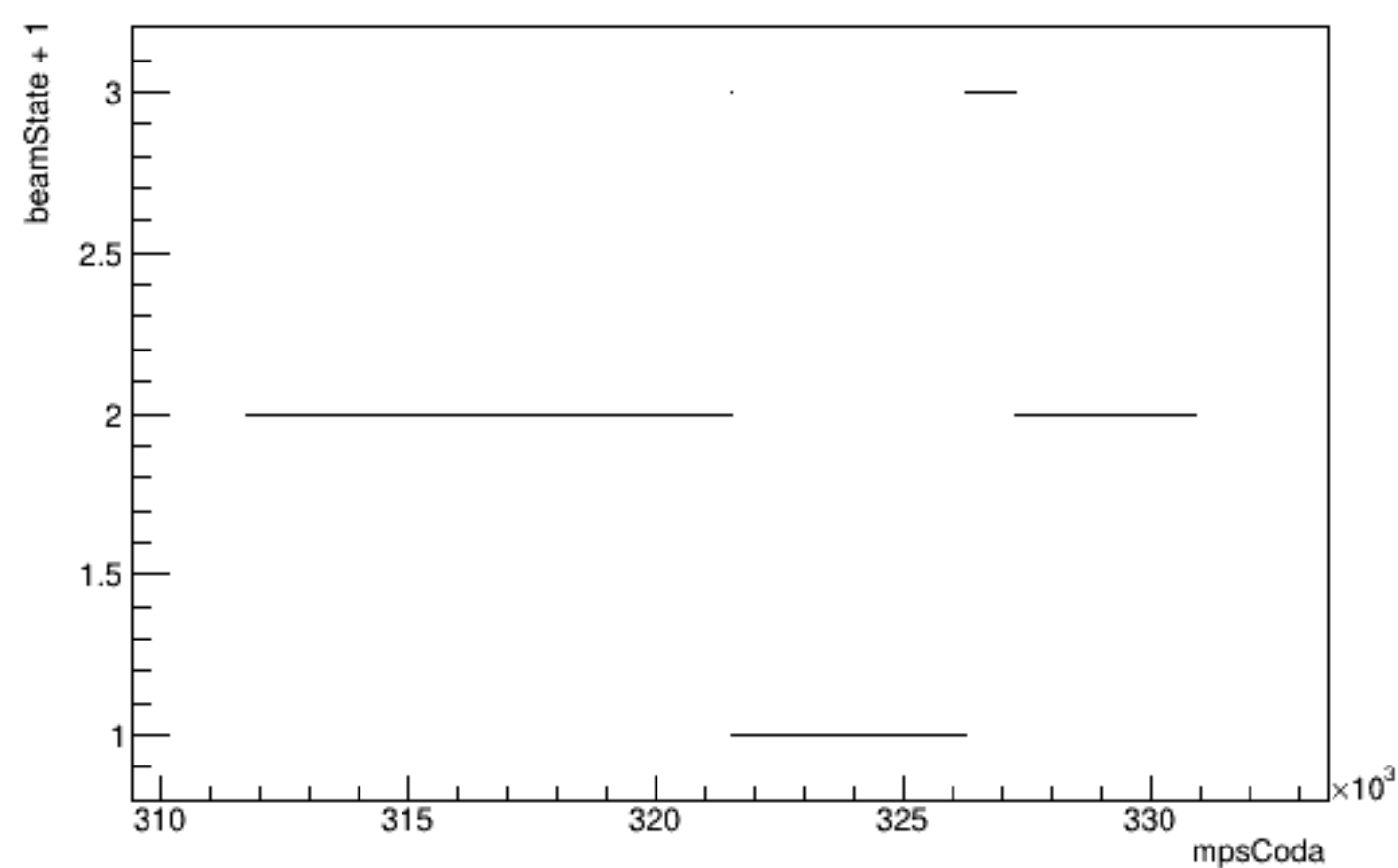
Run 6253 quartetwise, Asyms



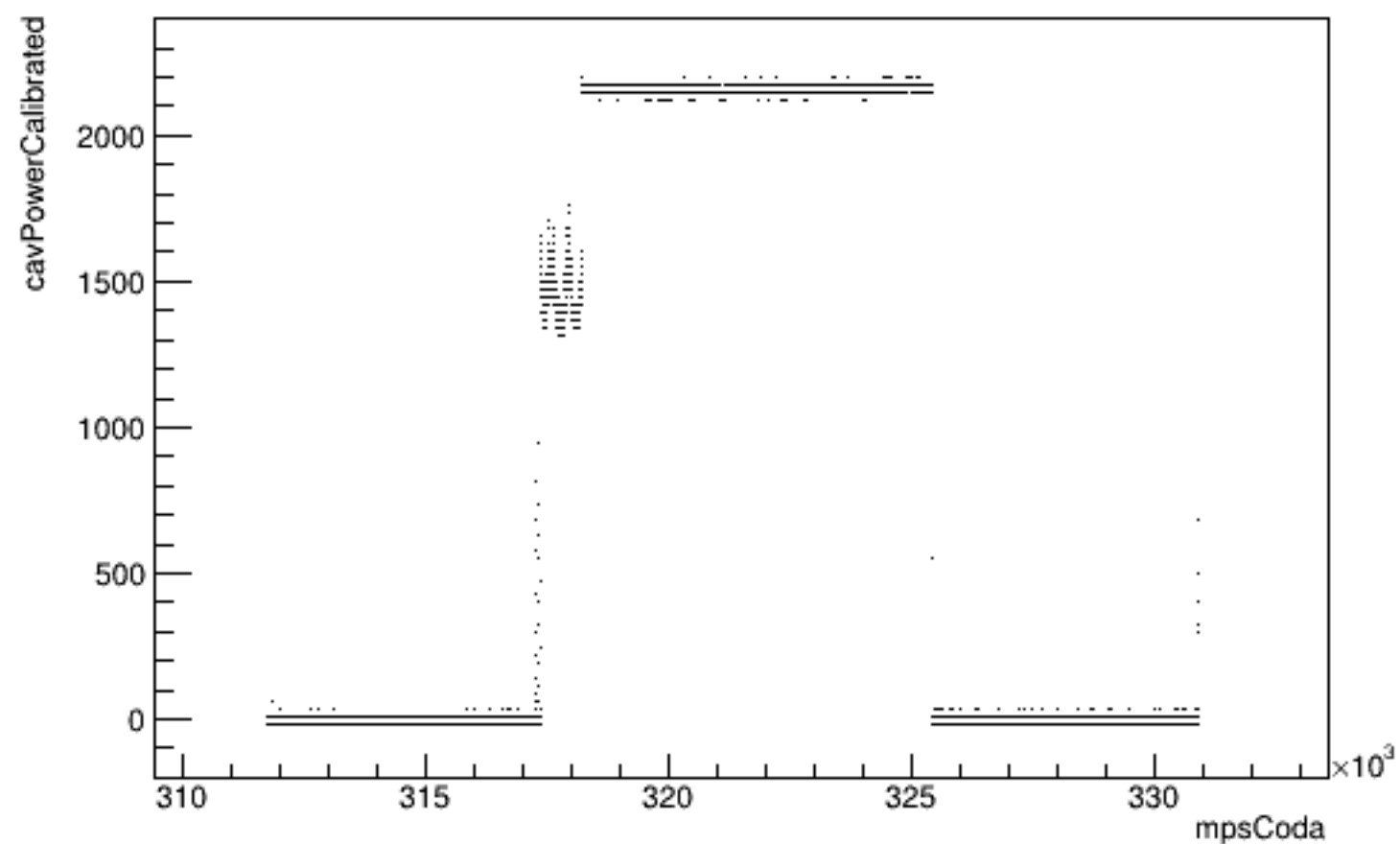
laserState:mpsCoda {mpsCoda>=311769 && mpsCoda<=330912}



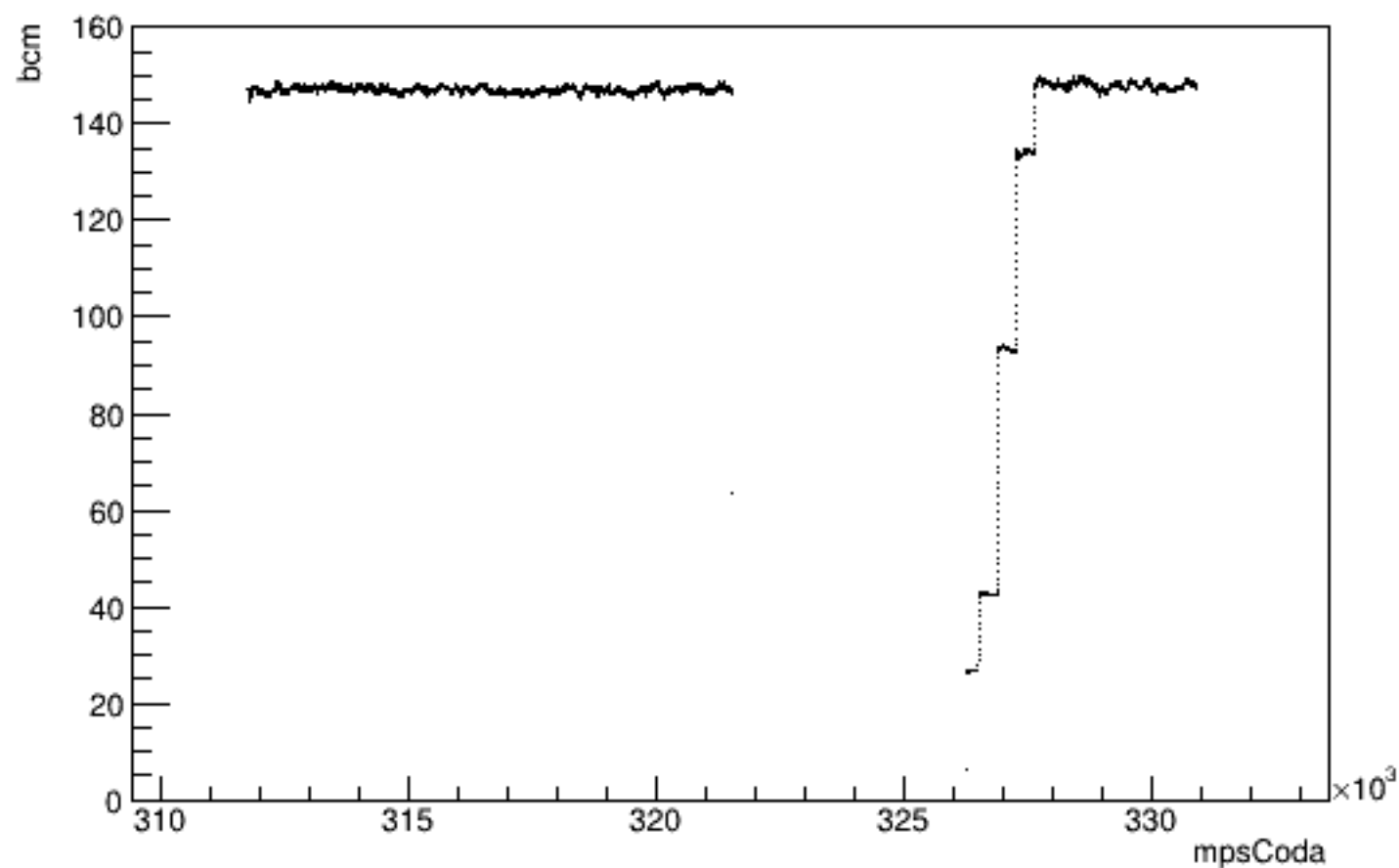
beamState + 1:mpsCoda {mpsCoda>=311769 && mpsCoda<=330912}



cavPowerCalibrated:mpsCoda {mpsCoda>=311769 && mpsCoda<=330912}



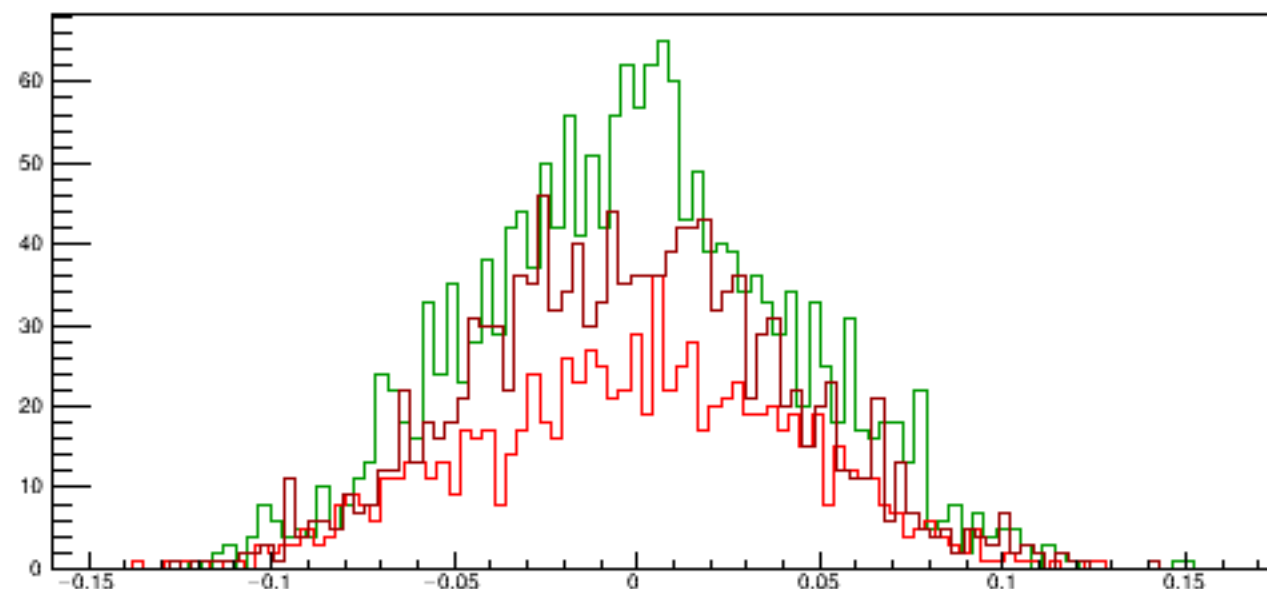
bcm:mpsCoda {mpsCoda>=311769 && mpsCoda<=330912}



Cycle 15, Diffs

Entries: 910	Entries: 1801	Entries: 1364
Mean: -0.0009 +/- 0.0015	Mean: -0.0008 +/- 0.0010	Mean: -0.0017 +/- 0.0012
Std Dev: 0.0445 +/- 0.0010	Std Dev: 0.0433 +/- 0.0007	Std Dev: 0.0431 +/- 0.0008

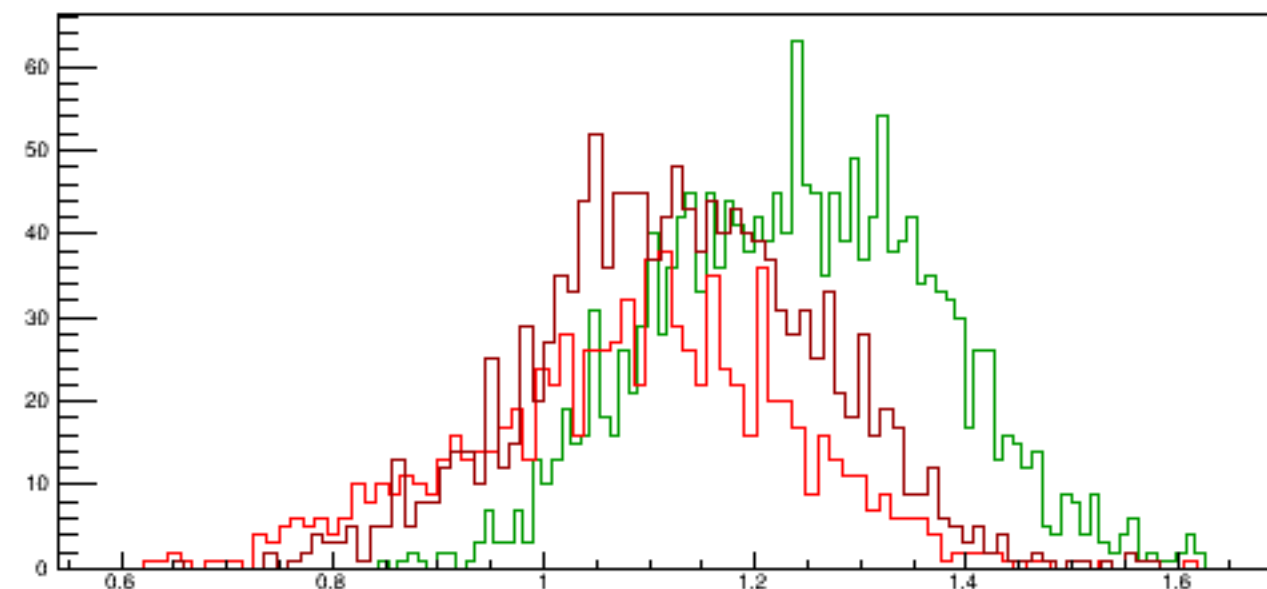
Run 6253 quartetwise, Diffs



Cycle 15, Sums

Entries: 910	Entries: 1801	Entries: 1364
Mean: 1.0824 +/- 0.0050	Mean: 1.2411 +/- 0.0031	Mean: 1.1275 +/- 0.0036
Std Dev: 0.1508 +/- 0.0035	Std Dev: 0.1325 +/- 0.0022	Std Dev: 0.1344 +/- 0.0026

Run 6253 quartetwise, Sums

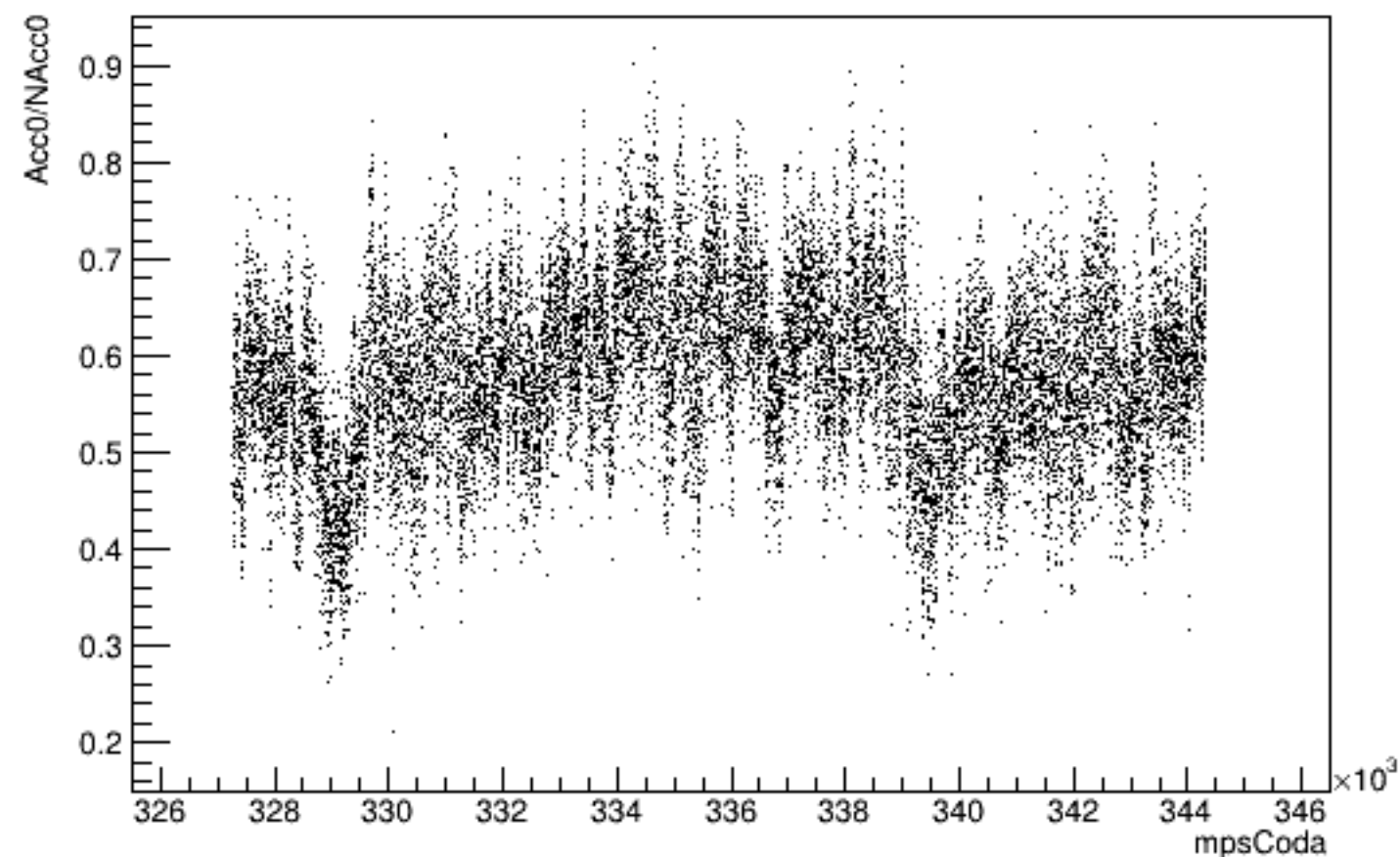
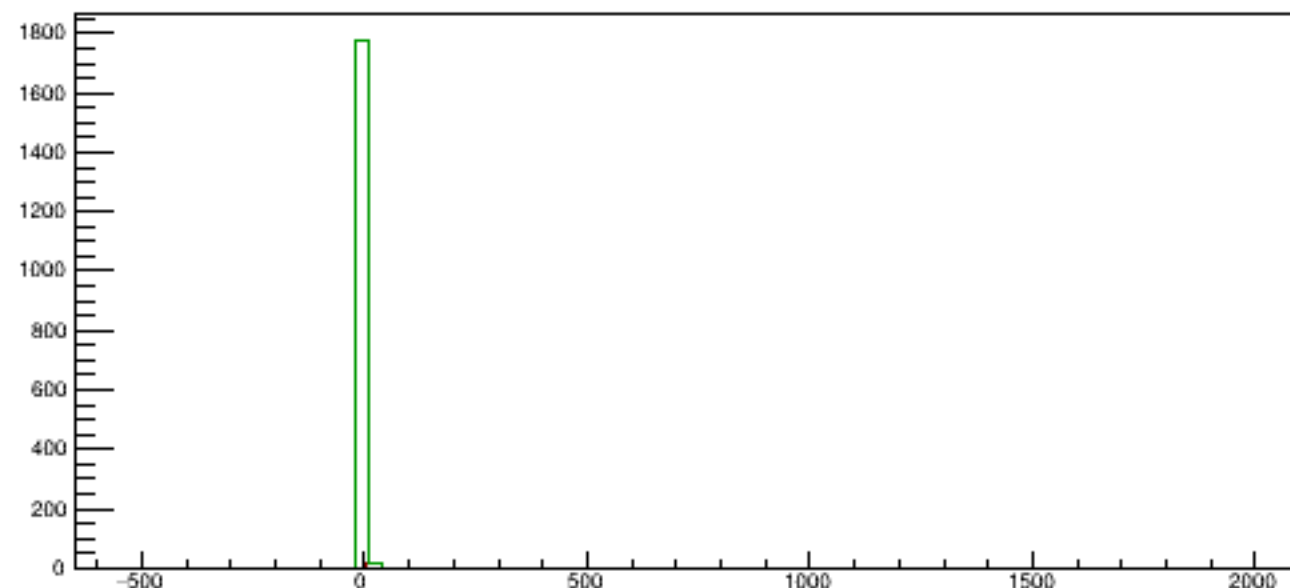


Acc0/NAcc0:mpsCoda (mpsCoda>=325425 && mpsCoda<=344316 && beamState==1)

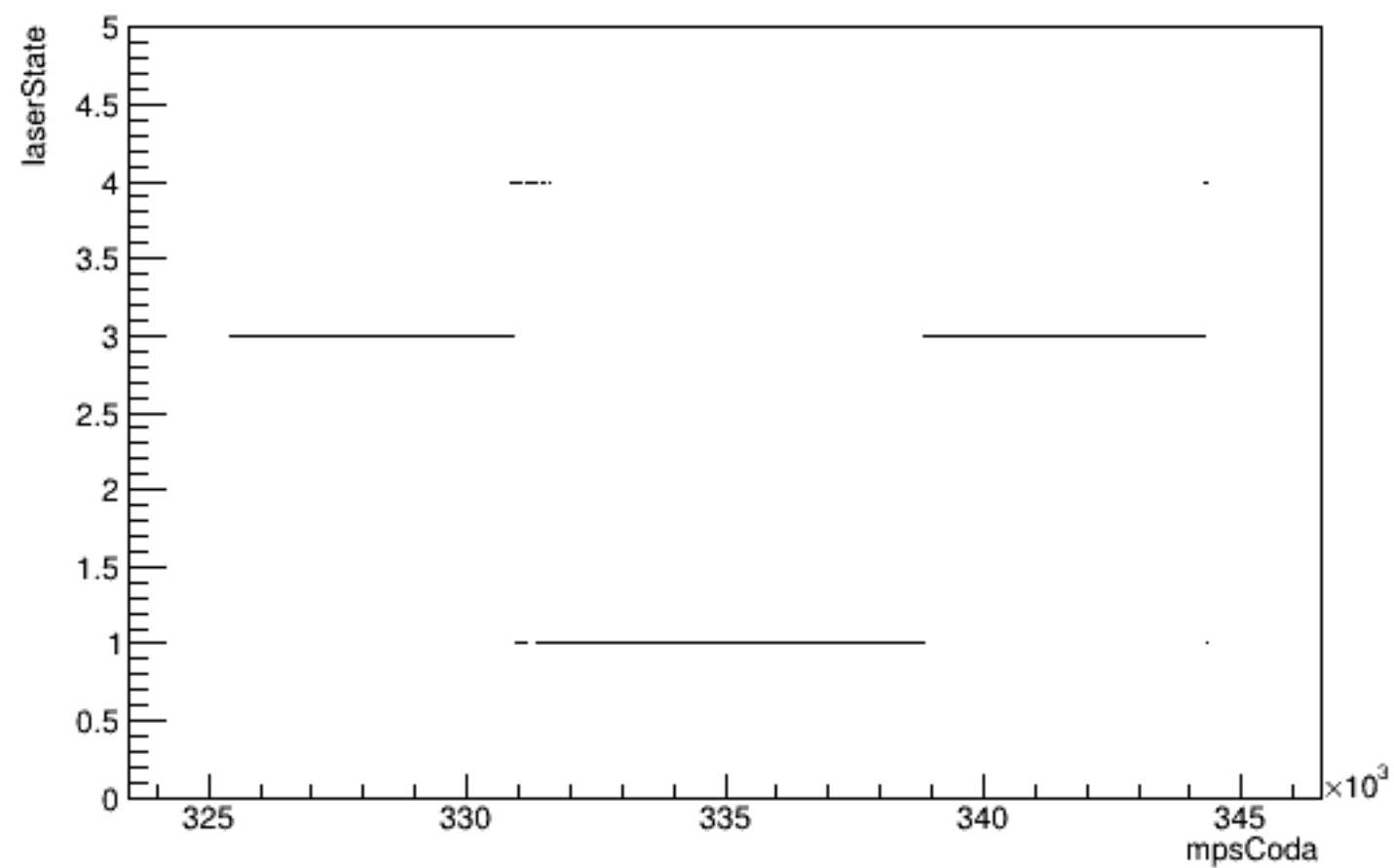
Cycle 15, Asyms

Entries: 910	Entries: 1801	Entries: 1364
Mean: -0.0066 +/- 0.0108	Mean: 0.9423 +/- 1.0862	Mean: -0.0124 +/- 0.0086
Std Dev: 0.3266 +/- 0.0077	Std Dev: 46.0952 +/- 0.7680	Std Dev: 0.3163 +/- 0.0061

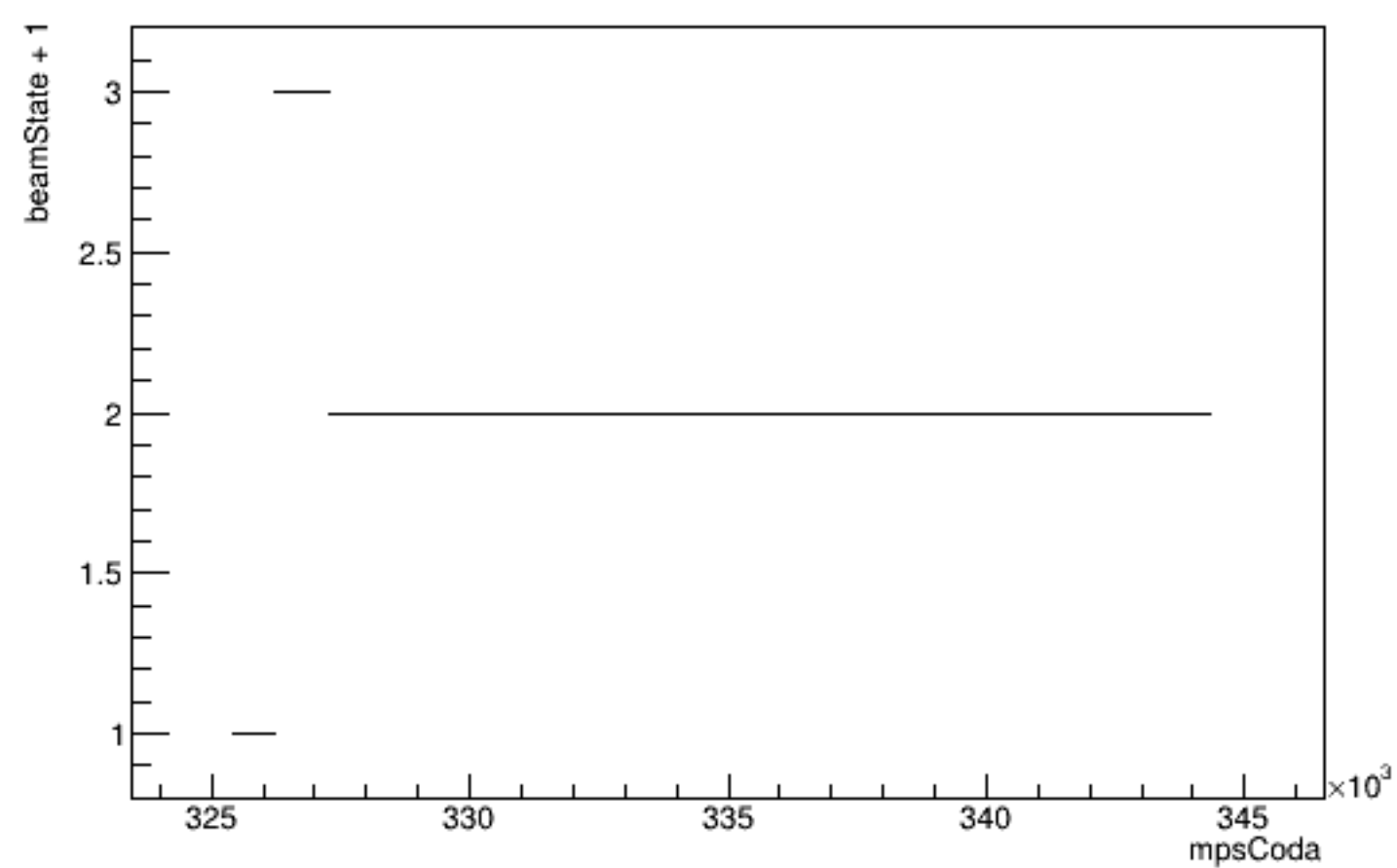
Run 6253 quartetwise, Asyms



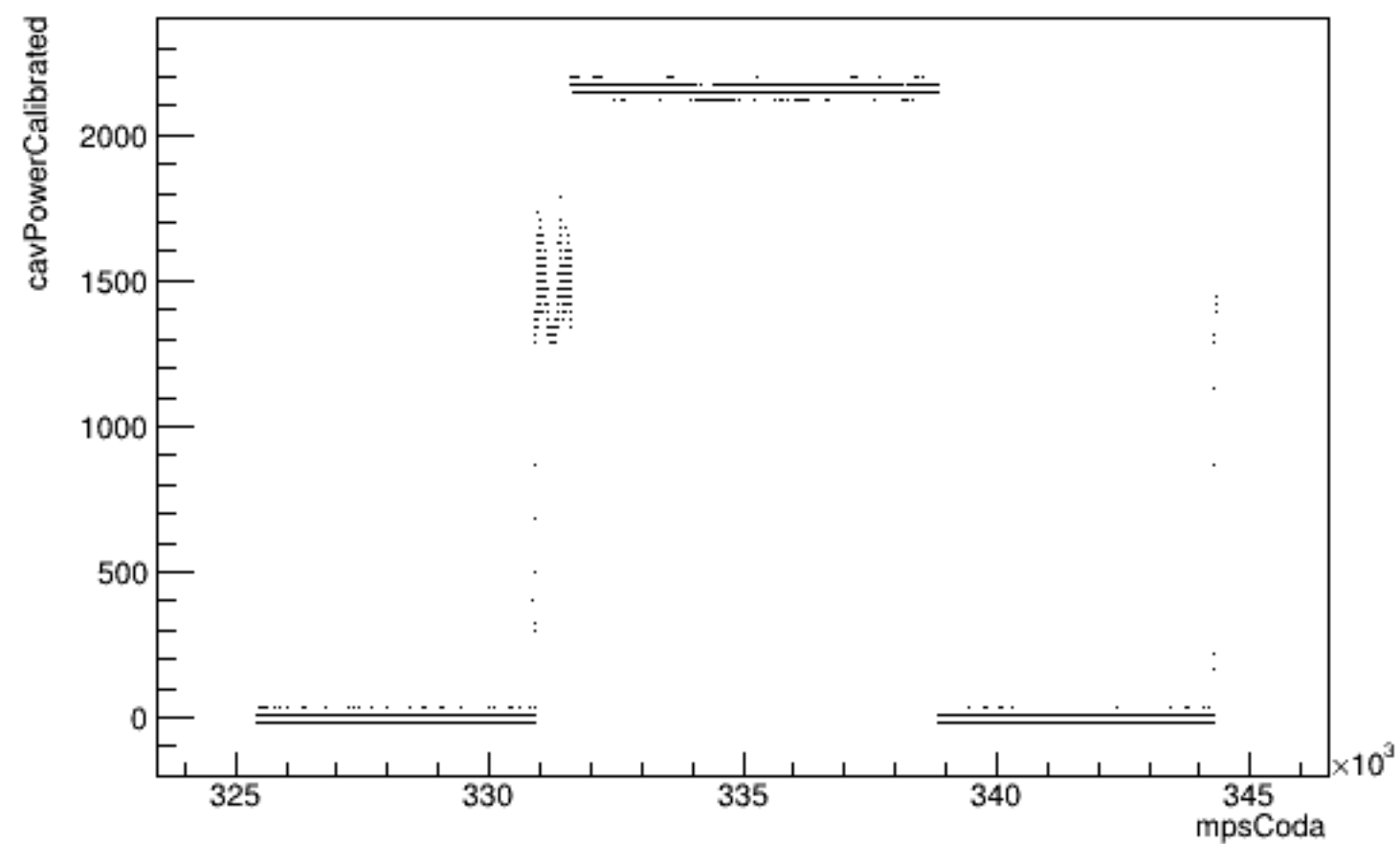
laserState:mpsCoda {mpsCoda>=325425 && mpsCoda<=344316}



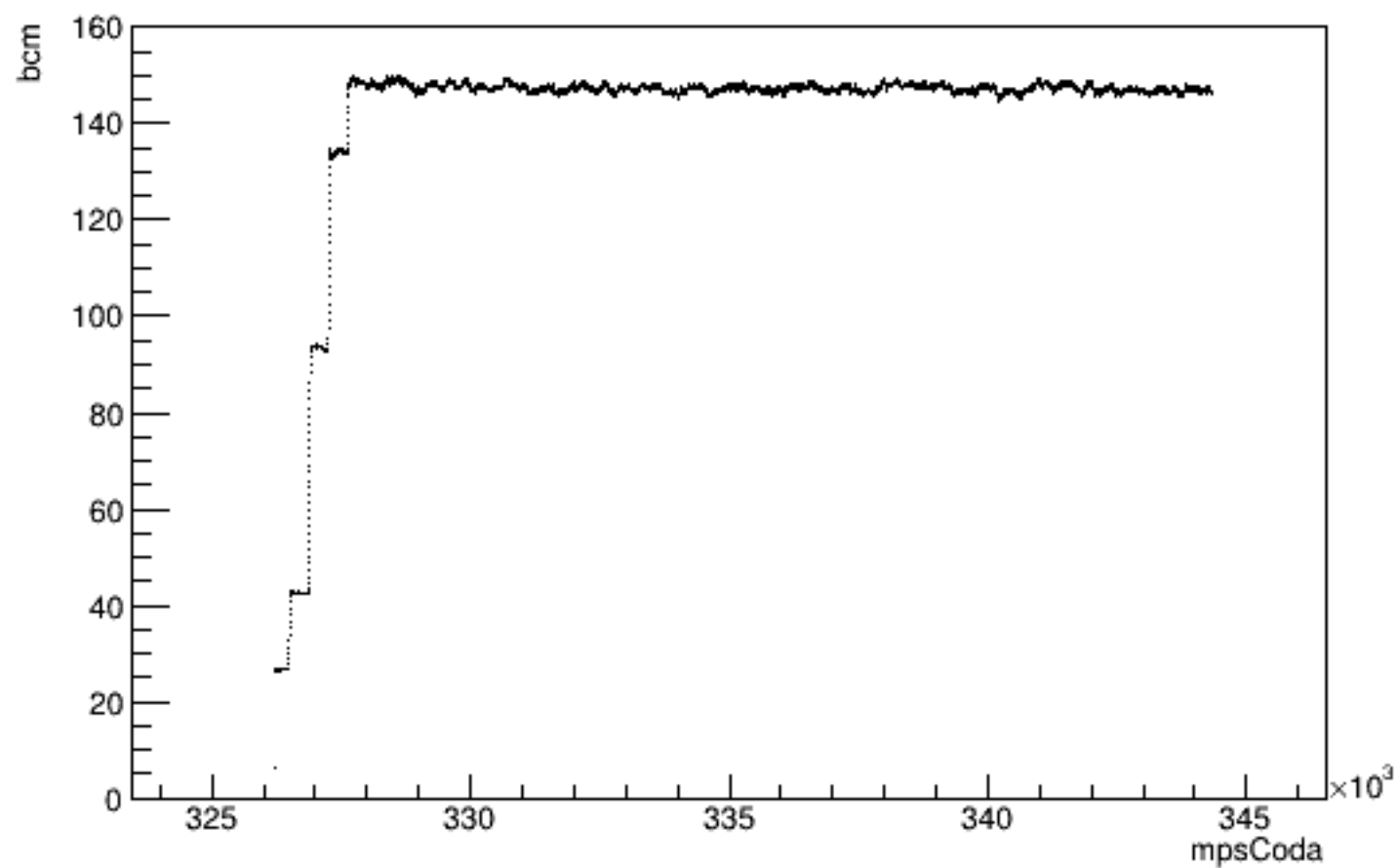
beamState + 1:mpsCoda {mpsCoda>=325425 && mpsCoda<=344316}



cavPowerCalibrated:mpsCoda {mpsCoda>=325425 && mpsCoda<=344316}



bcm:mpsCoda {mpsCoda>=325425 && mpsCoda<=344316}



Cycle 16, Diffs

Entries: 1364

Mean: -0.0017 +/- 0.0012

Std Dev: 0.0431 +/- 0.0008

Entries: 1805

Mean: -0.0028 +/- 0.0010

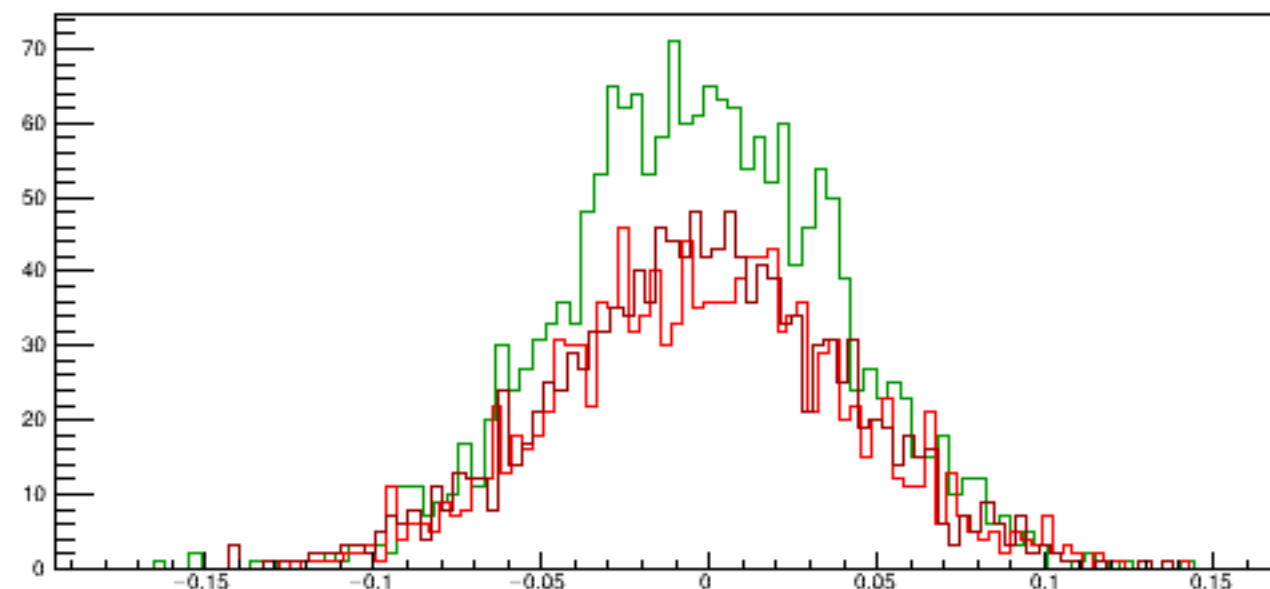
Std Dev: 0.0411 +/- 0.0007

Entries: 1360

Mean: -0.0034 +/- 0.0012

Std Dev: 0.0433 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 16, Sums

Entries: 1364

Mean: 1.1275 +/- 0.0036

Std Dev: 0.1344 +/- 0.0026

Entries: 1805

Mean: 1.2907 +/- 0.0036

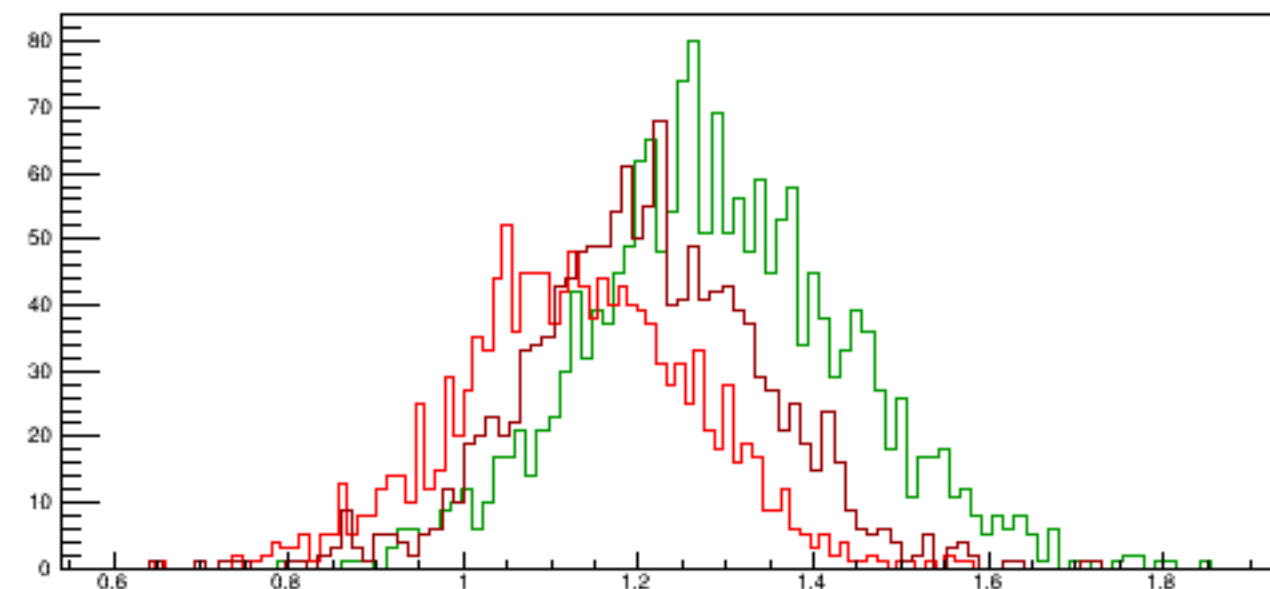
Std Dev: 0.1511 +/- 0.0025

Entries: 1360

Mean: 1.2069 +/- 0.0037

Std Dev: 0.1360 +/- 0.0026

Run 6253 quartetwise, Sums



Cycle 16, Asyms

Entries: 1364

Mean: -0.0136 +/- 0.0094

Std Dev: 0.3487 +/- 0.0067

Entries: 1805

Mean: 0.3575 +/- 0.2921

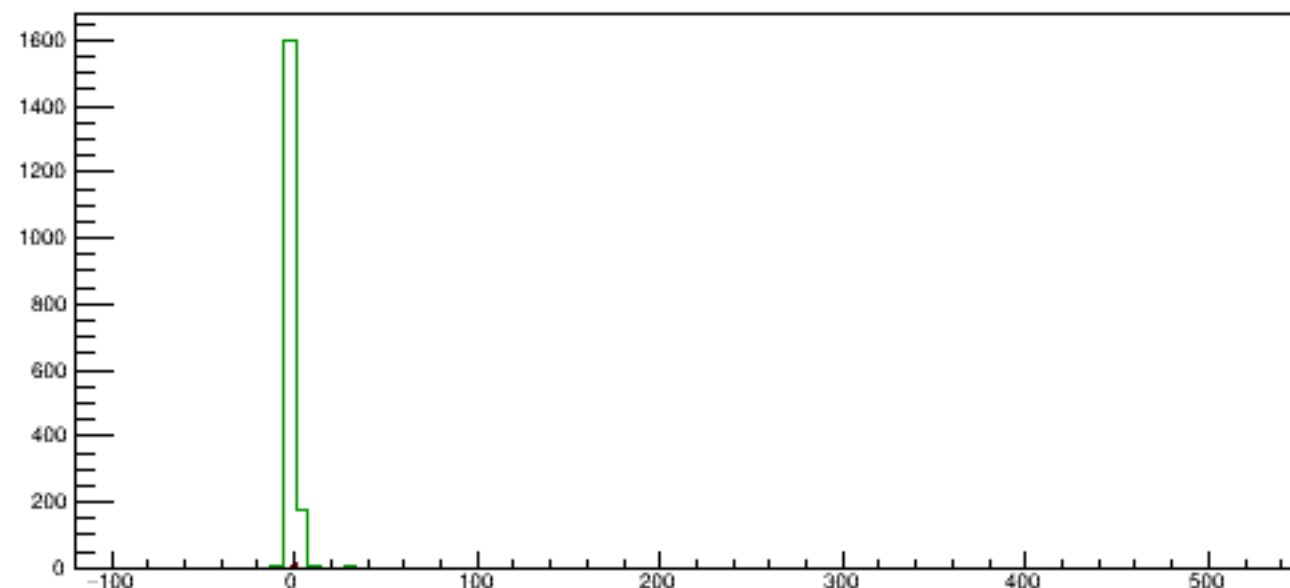
Std Dev: 12.4108 +/- 0.2066

Entries: 1360

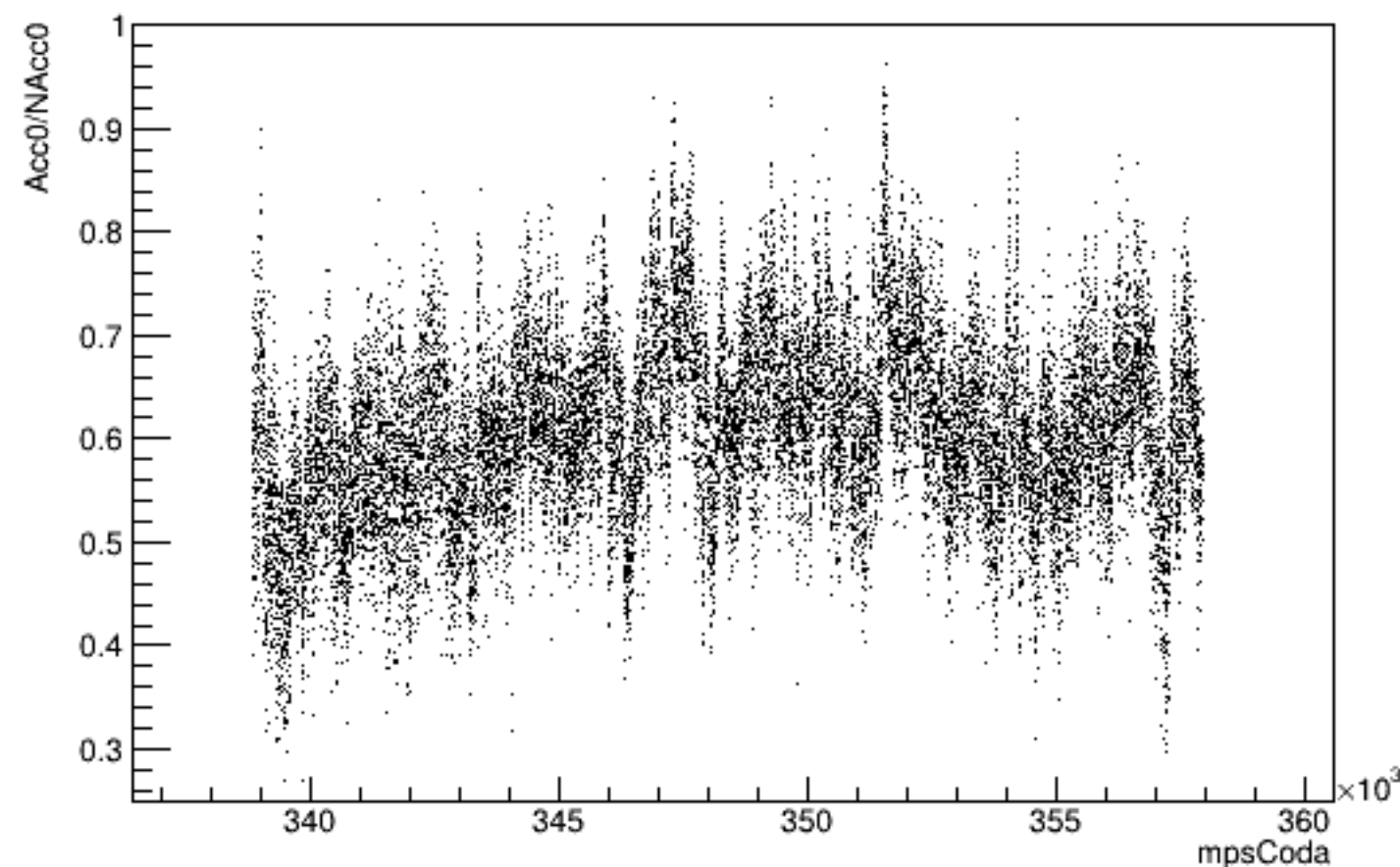
Mean: -0.0276 +/- 0.0095

Std Dev: 0.3510 +/- 0.0067

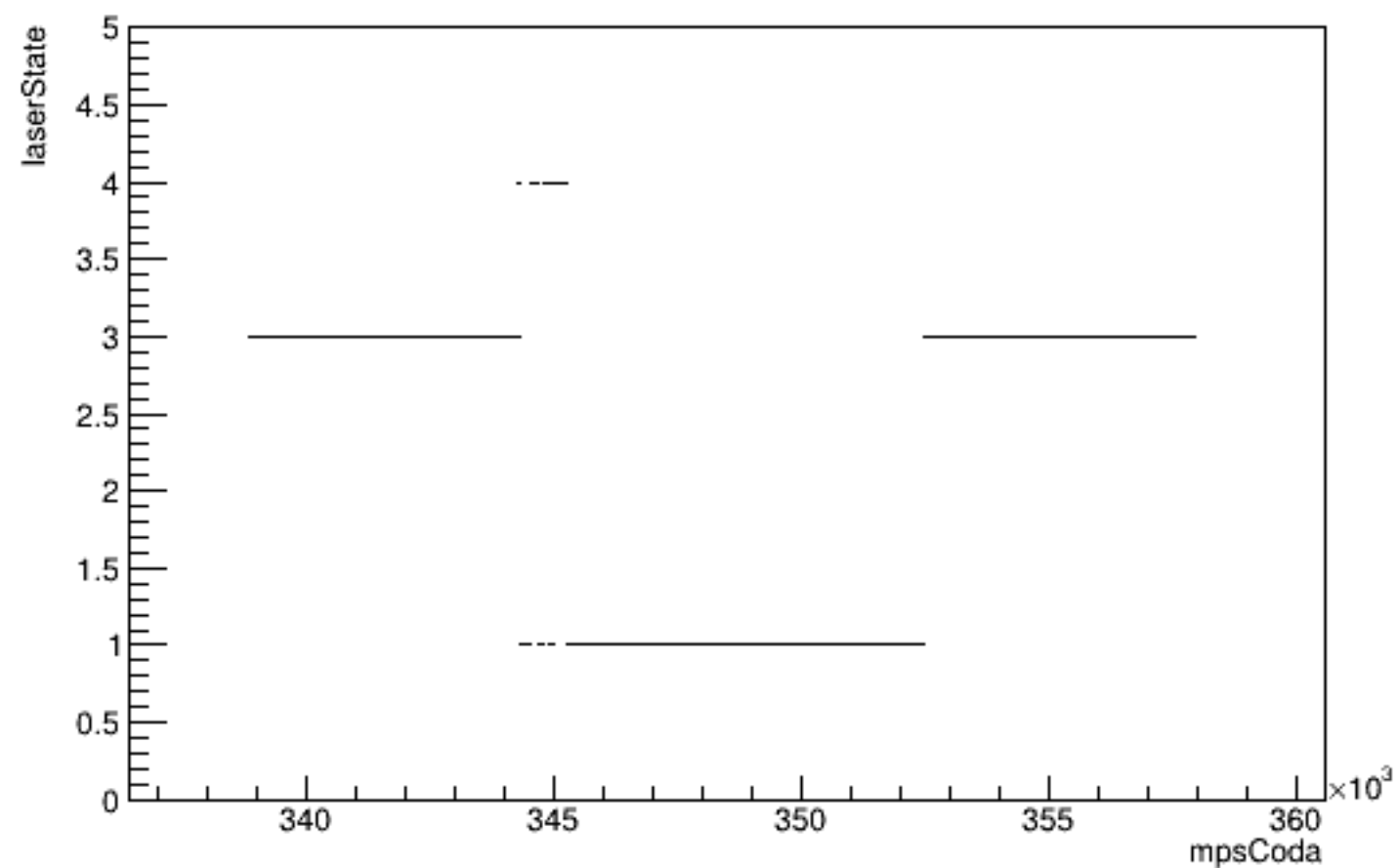
Run 6253 quartetwise, Asyms



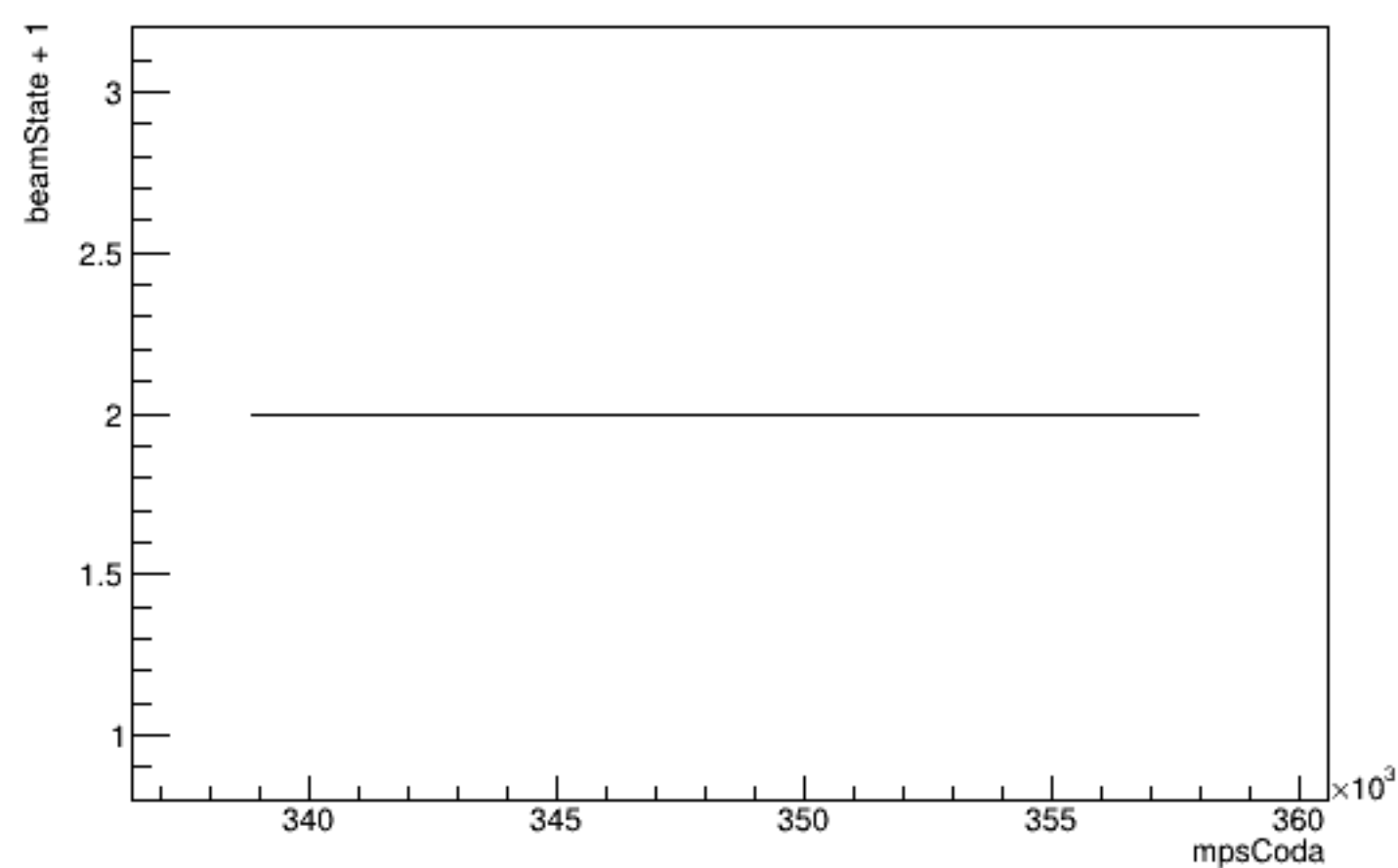
Acc0/NAcc0:mpsCoda (mpsCoda>=338837 && mpsCoda<=357928 && beamState==1)



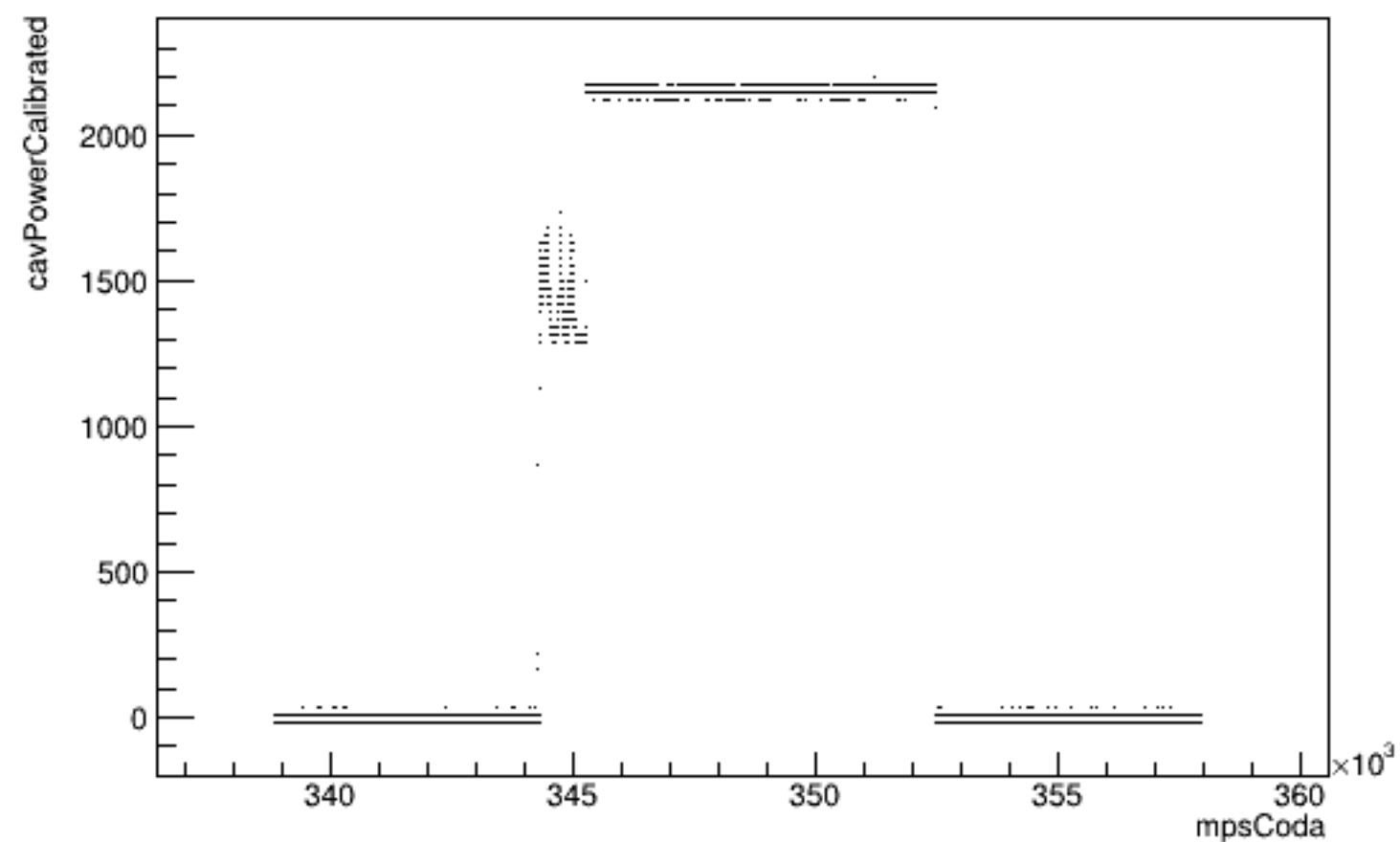
laserState:mpsCoda {mpsCoda>=338837 && mpsCoda<=357928}



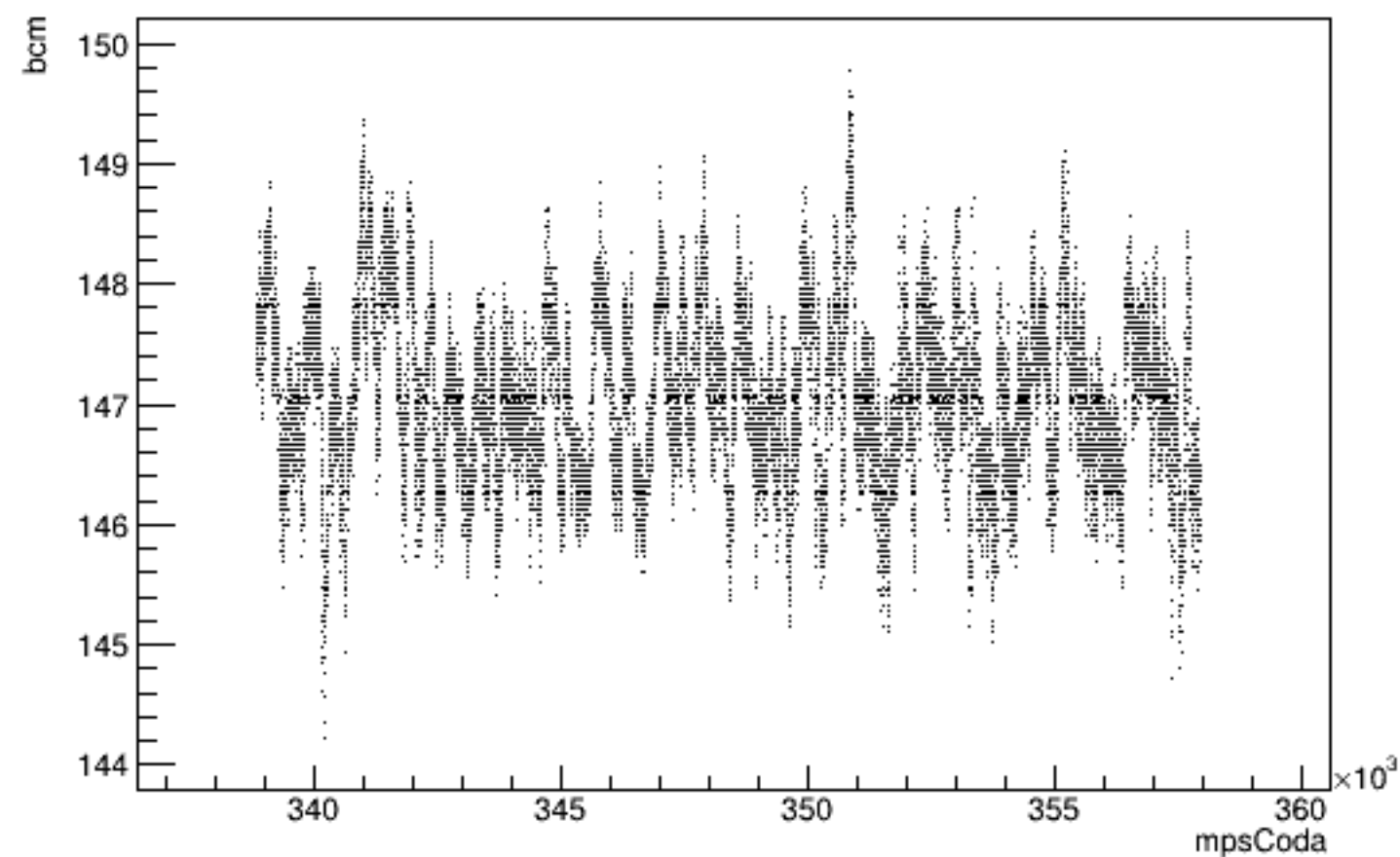
beamState + 1:mpsCoda {mpsCoda>=338837 && mpsCoda<=357928}



cavPowerCalibrated:mpsCoda {mpsCoda>=338837 && mpsCoda<=357928}



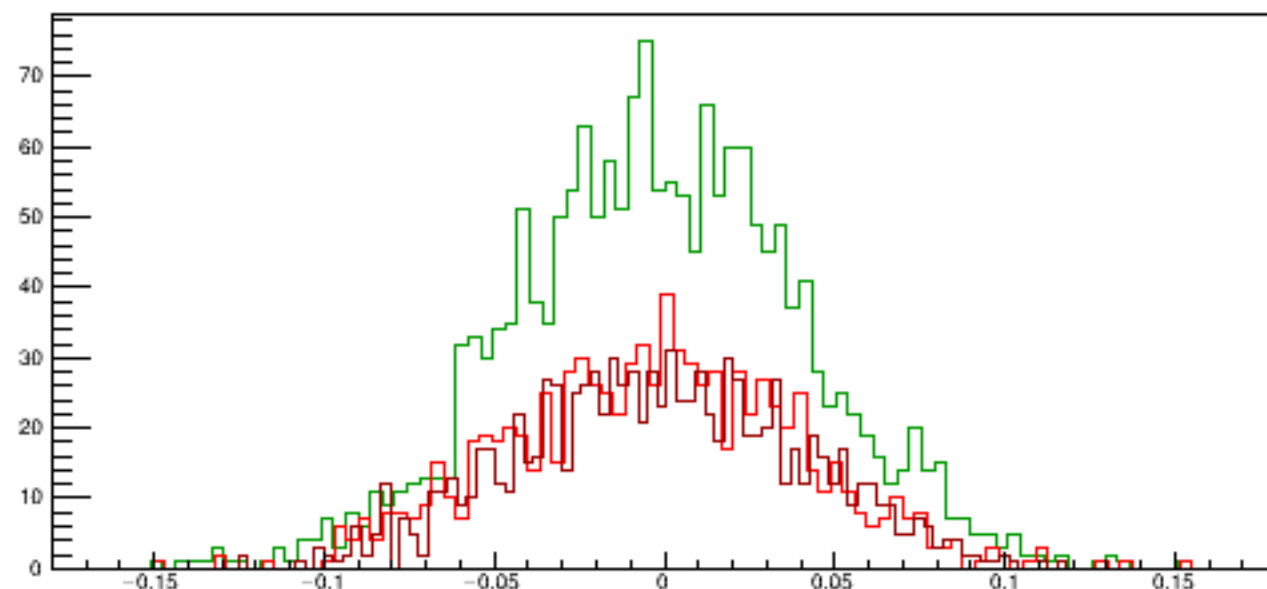
bcm:mpsCoda {mpsCoda>=338837 && mpsCoda<=357928}



Cycle 17, Diffs

Entries: 891	Entries: 1803	Entries: 1028
Mean: -0.0035 +/- 0.0014	Mean: -0.0015 +/- 0.0010	Mean: -0.0020 +/- 0.0013
Std Dev: 0.0428 +/- 0.0010	Std Dev: 0.0431 +/- 0.0007	Std Dev: 0.0415 +/- 0.0009

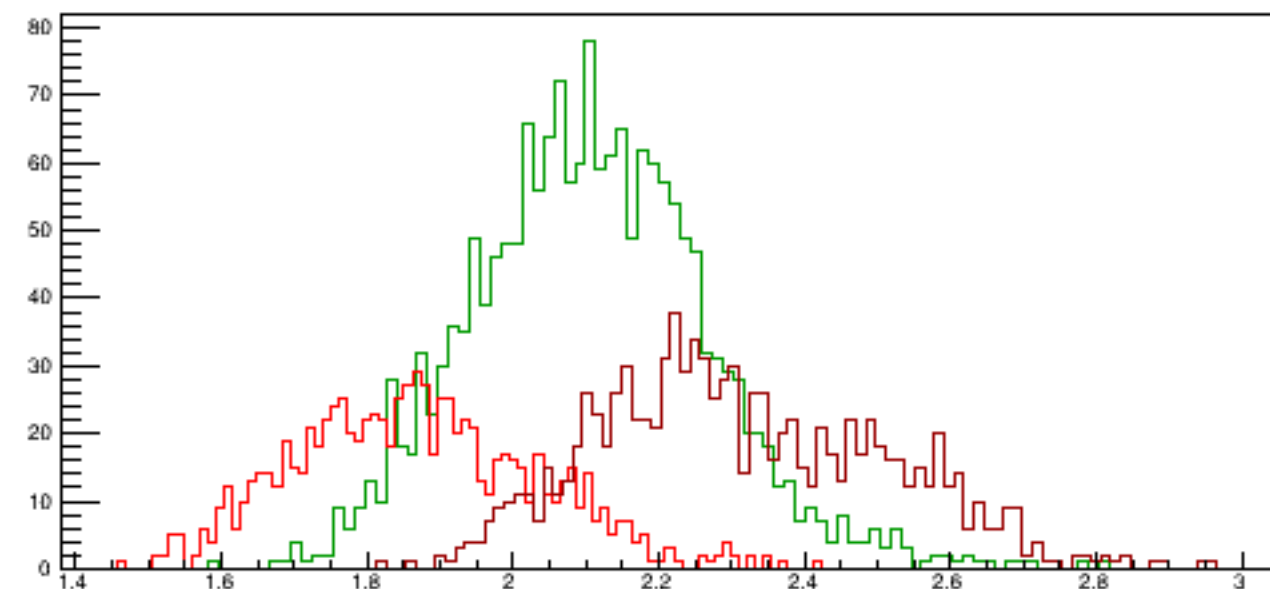
Run 6253 quartetwise, Diffs



Cycle 17, Sums

Entries: 891	Entries: 1803	Entries: 1028
Mean: 1.8668 +/- 0.0055	Mean: 2.1053 +/- 0.0038	Mean: 2.3128 +/- 0.0061
Std Dev: 0.1640 +/- 0.0039	Std Dev: 0.1621 +/- 0.0027	Std Dev: 0.1955 +/- 0.0043

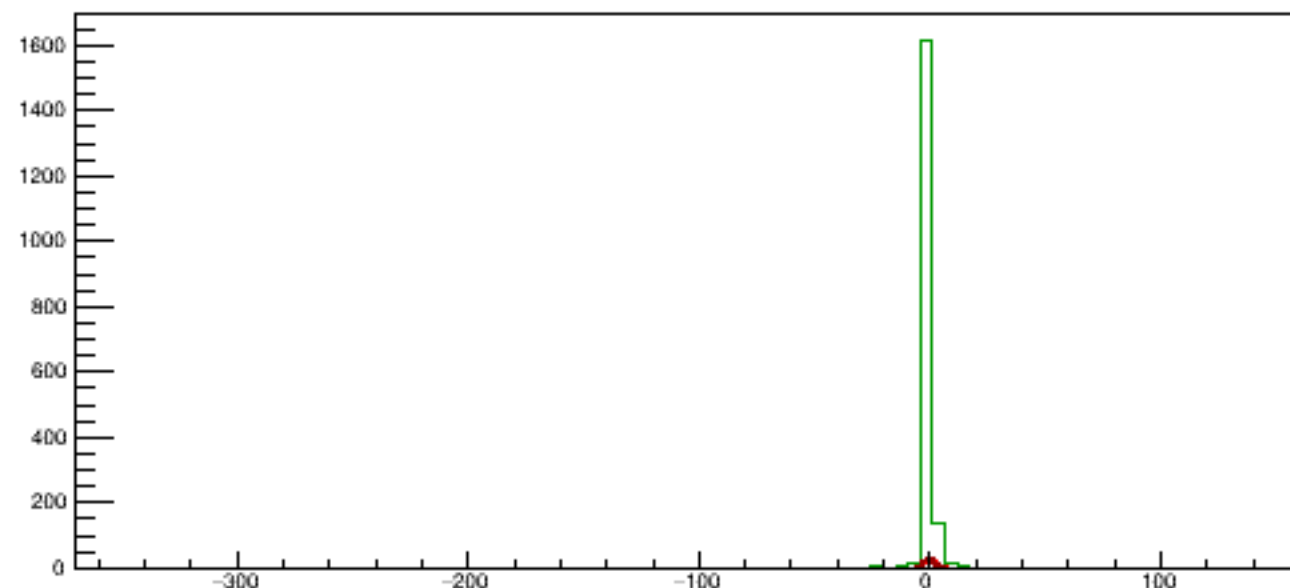
Run 6253 quartetwise, Sums



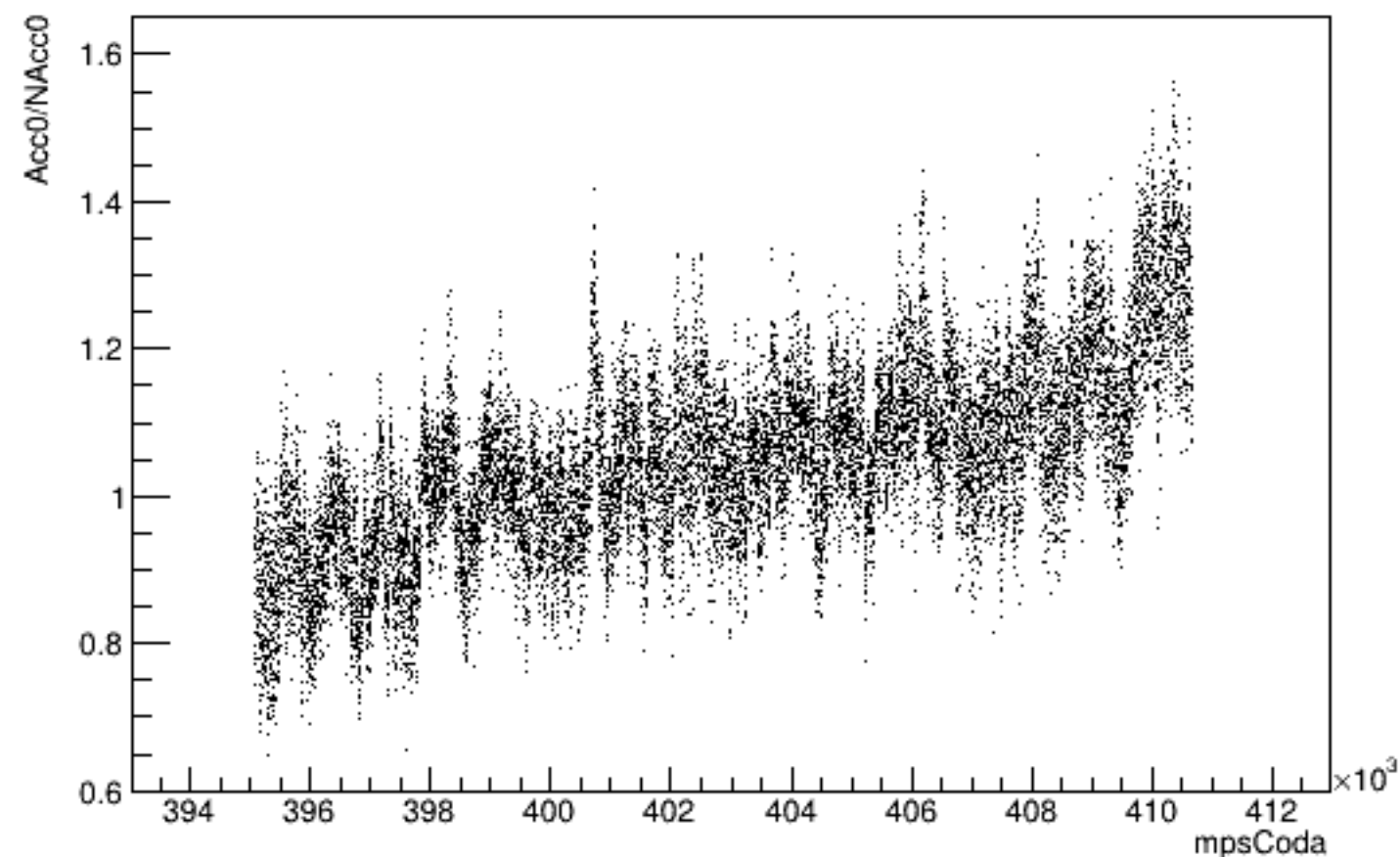
Cycle 17, Asyms

Entries: 891	Entries: 1803	Entries: 1028
Mean: -0.2259 +/- 0.0925	Mean: -0.3008 +/- 0.2322	Mean: -0.1298 +/- 0.0835
Std Dev: 2.7608 +/- 0.0654	Std Dev: 9.8592 +/- 0.1642	Std Dev: 2.6783 +/- 0.0591

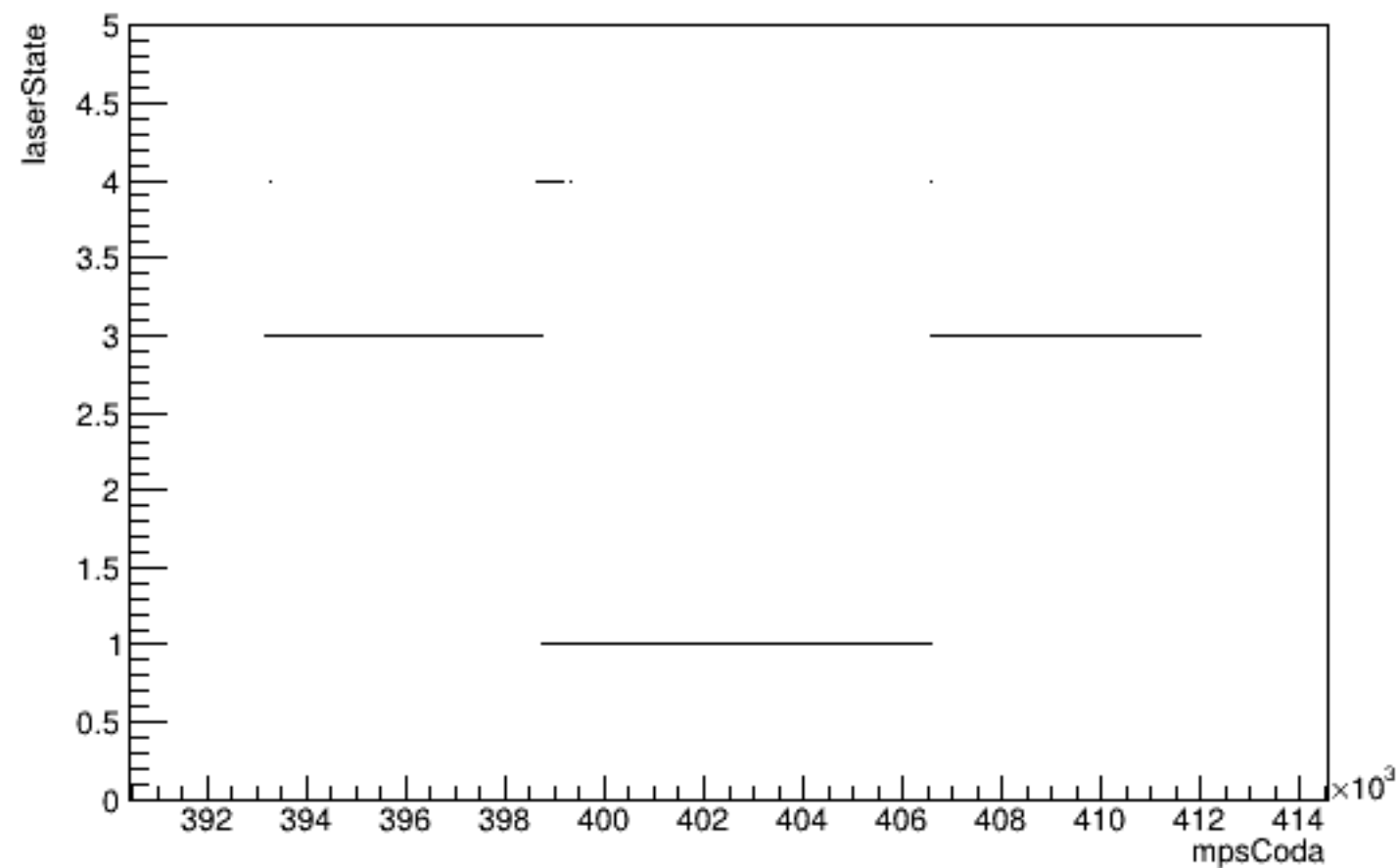
Run 6253 quartetwise, Asyms



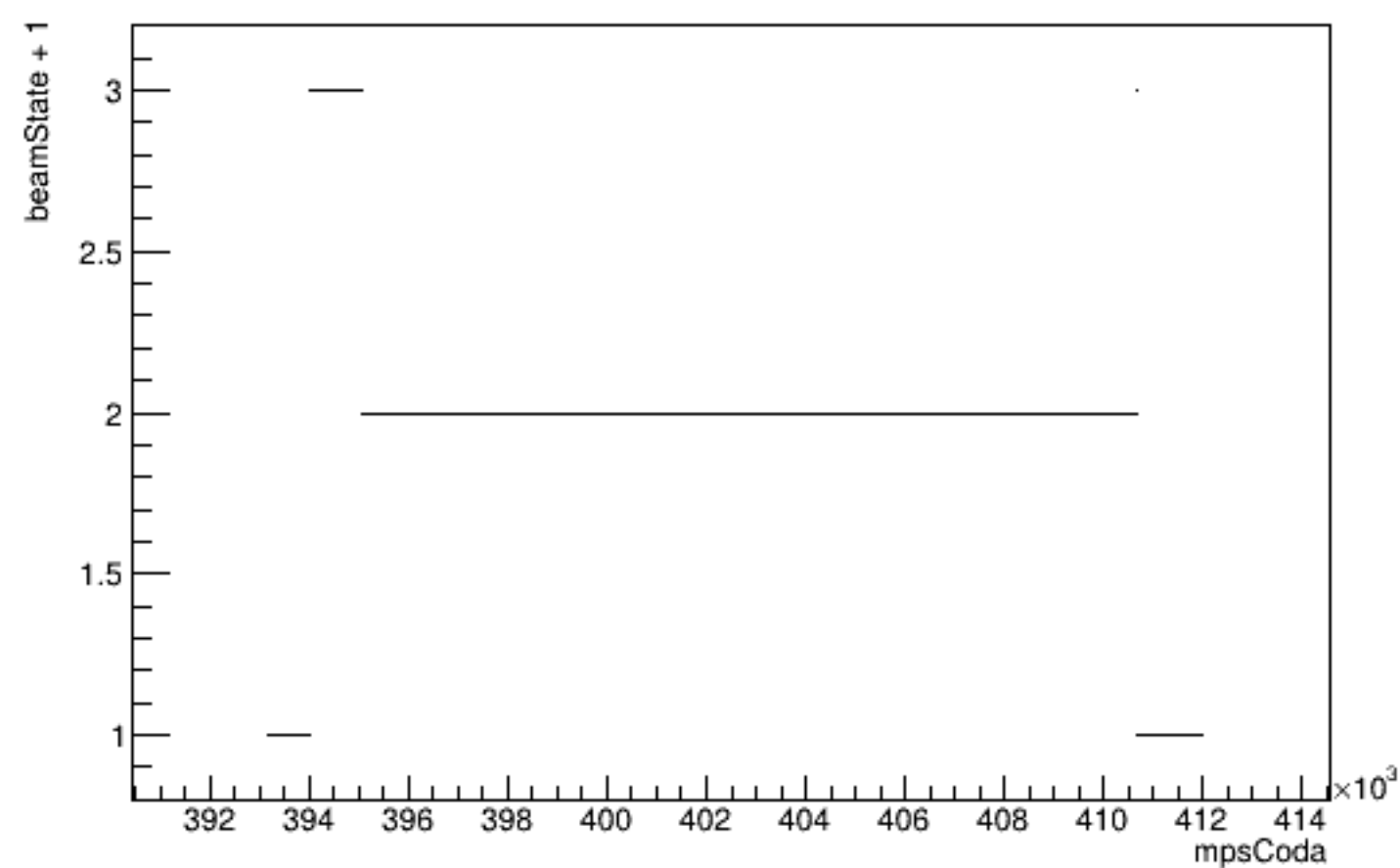
Acc0/NAcc0:mpsCoda (mpsCoda>=393141 && mpsCoda<=412008 && beamState==1)



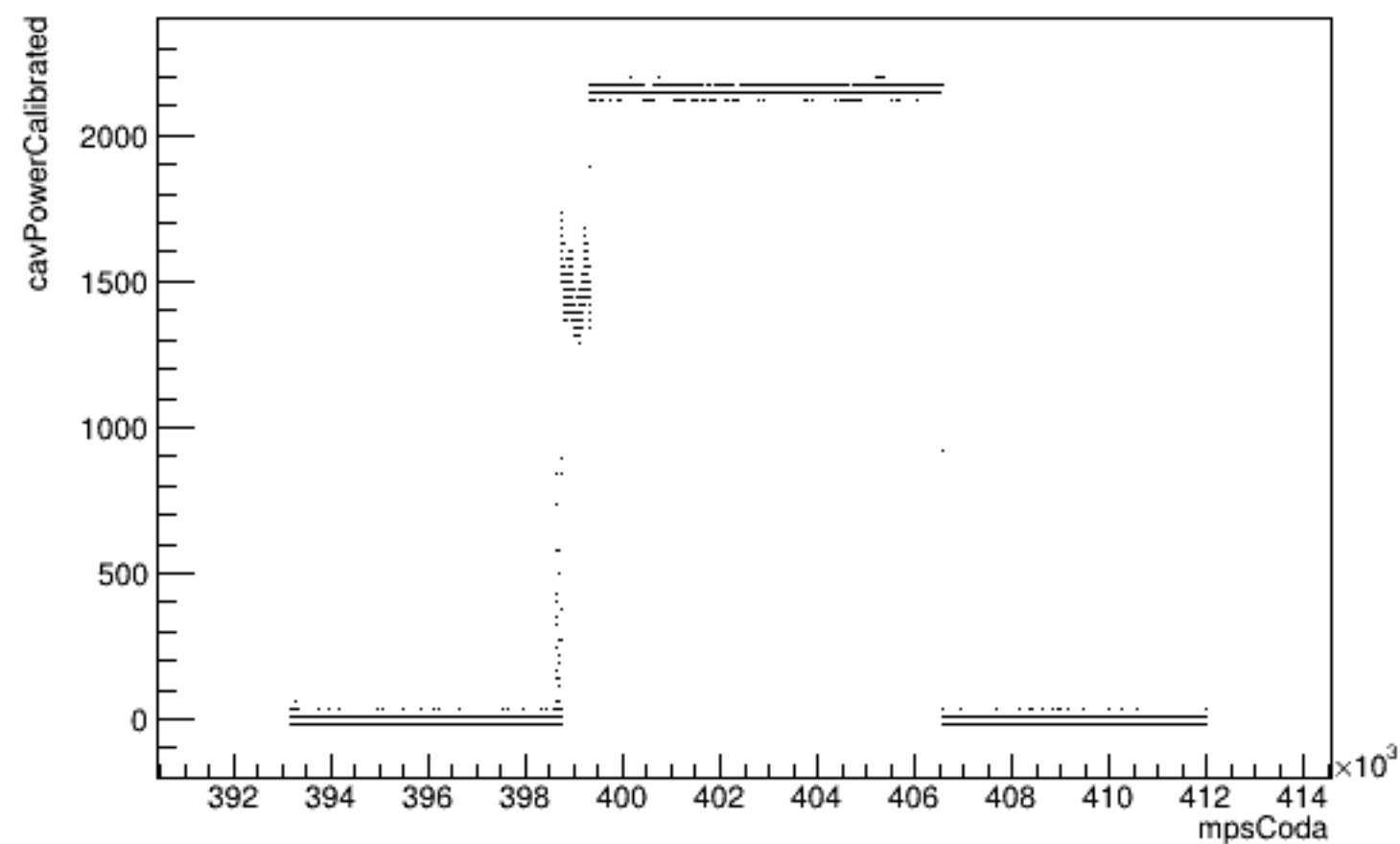
laserState:mpsCoda {mpsCoda>=393141 && mpsCoda<=412008}



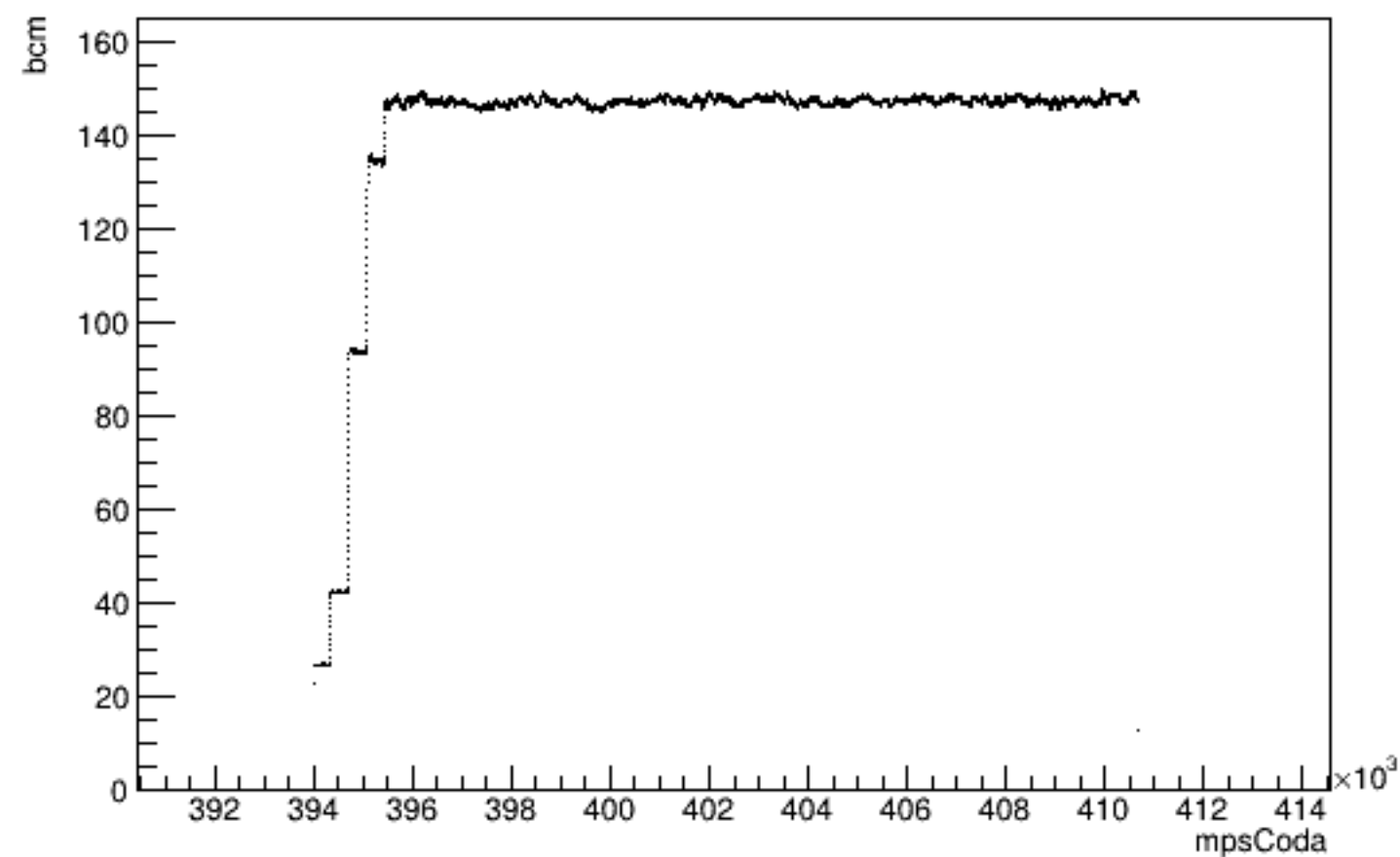
beamState + 1:mpsCoda {mpsCoda>=393141 && mpsCoda<=412008}



cavPowerCalibrated:mpsCoda {mpsCoda>=393141 && mpsCoda<=412008}



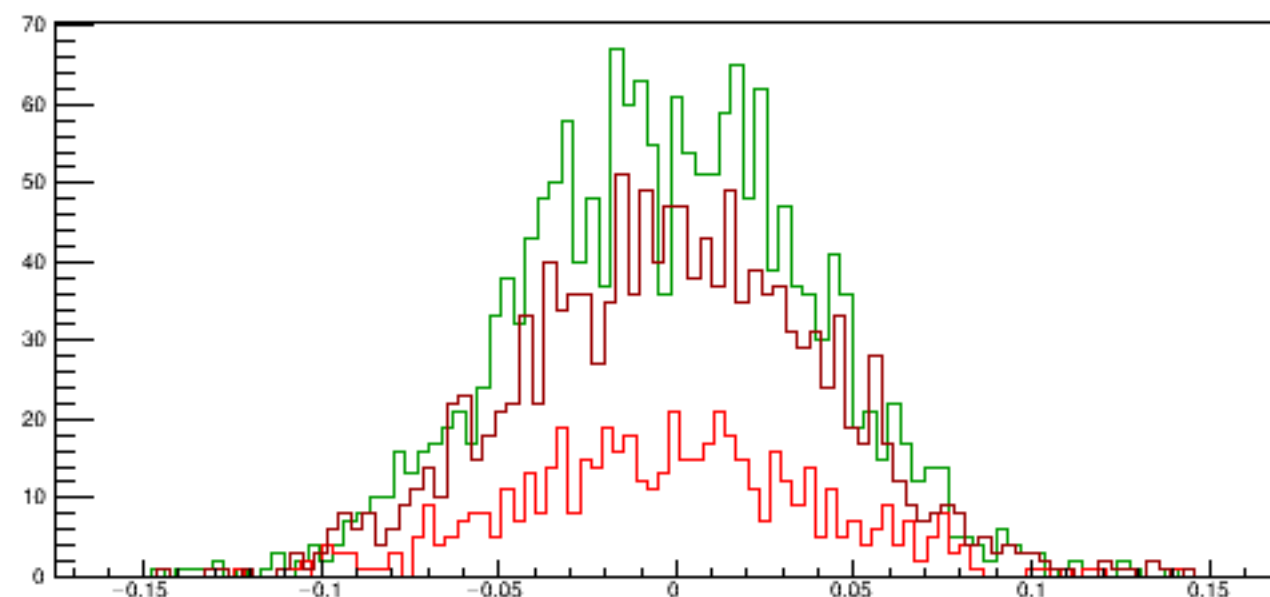
bcm:mpsCoda {mpsCoda>=393141 && mpsCoda<=412008}



Cycle 18, Diffs

Entries: 548	Entries: 1801	Entries: 1378
Mean: -0.0024 +/- 0.0018	Mean: -0.0029 +/- 0.0010	Mean: -0.0012 +/- 0.0012
Std Dev: 0.0425 +/- 0.0013	Std Dev: 0.0417 +/- 0.0007	Std Dev: 0.0428 +/- 0.0008

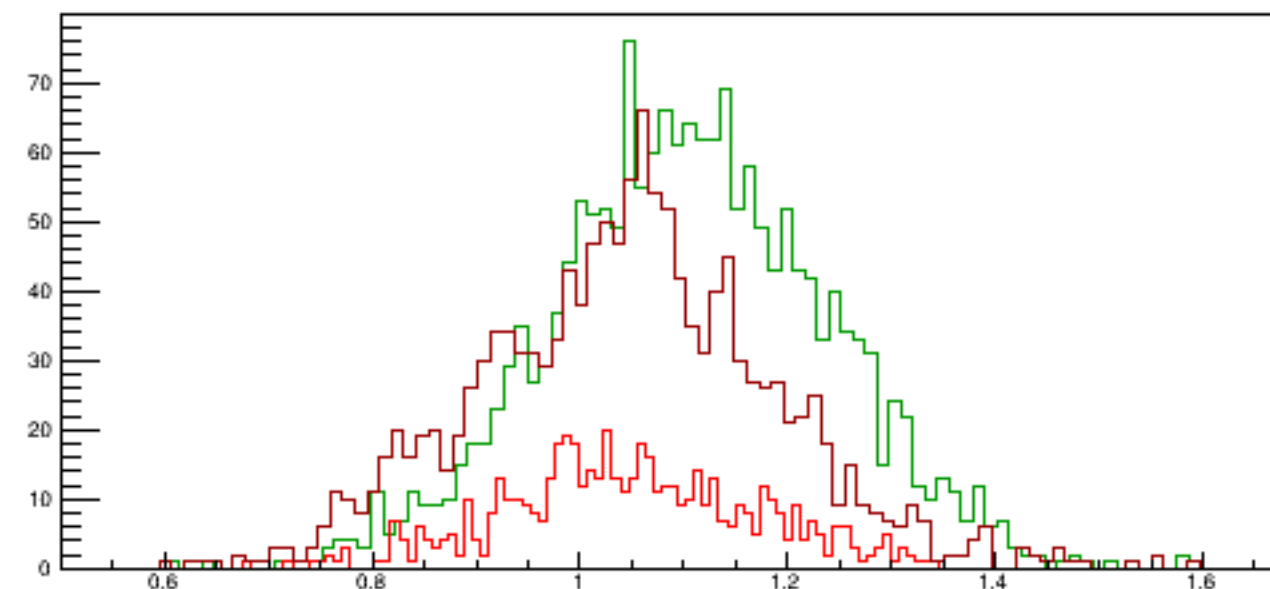
Run 6253 quartetwise, Diffs



Cycle 18, Sums

Entries: 548	Entries: 1801	Entries: 1378
Mean: 1.0481 +/- 0.0052	Mean: 1.1049 +/- 0.0032	Mean: 1.0450 +/- 0.0038
Std Dev: 0.1212 +/- 0.0037	Std Dev: 0.1338 +/- 0.0022	Std Dev: 0.1428 +/- 0.0027

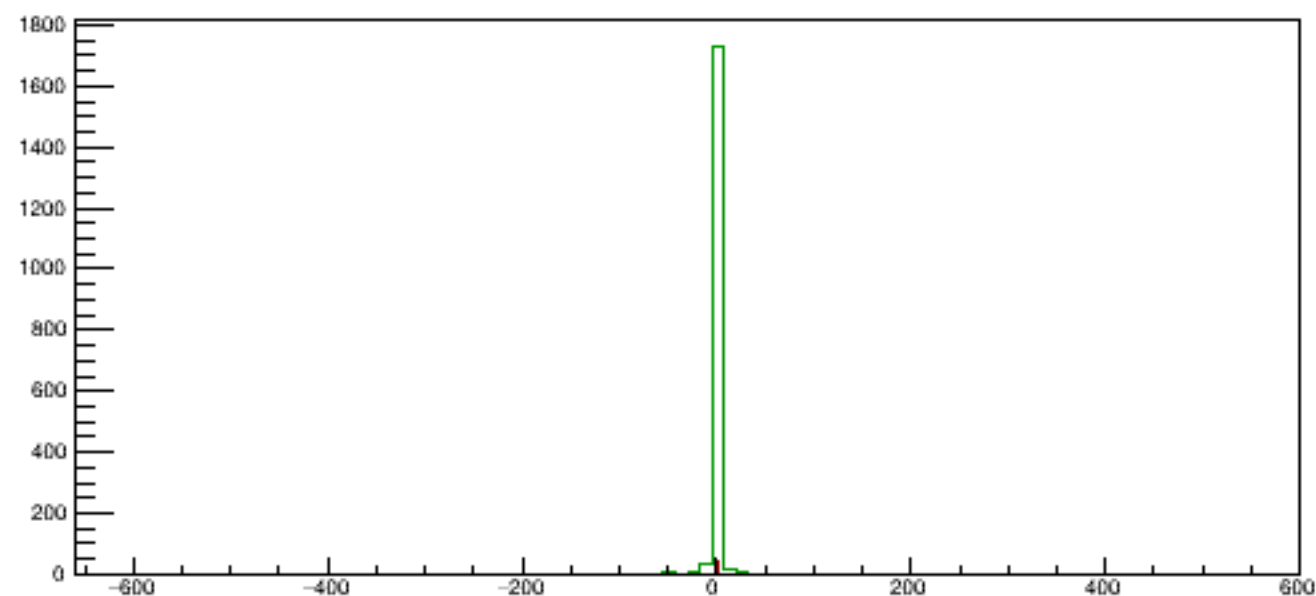
Run 6253 quartetwise, Sums



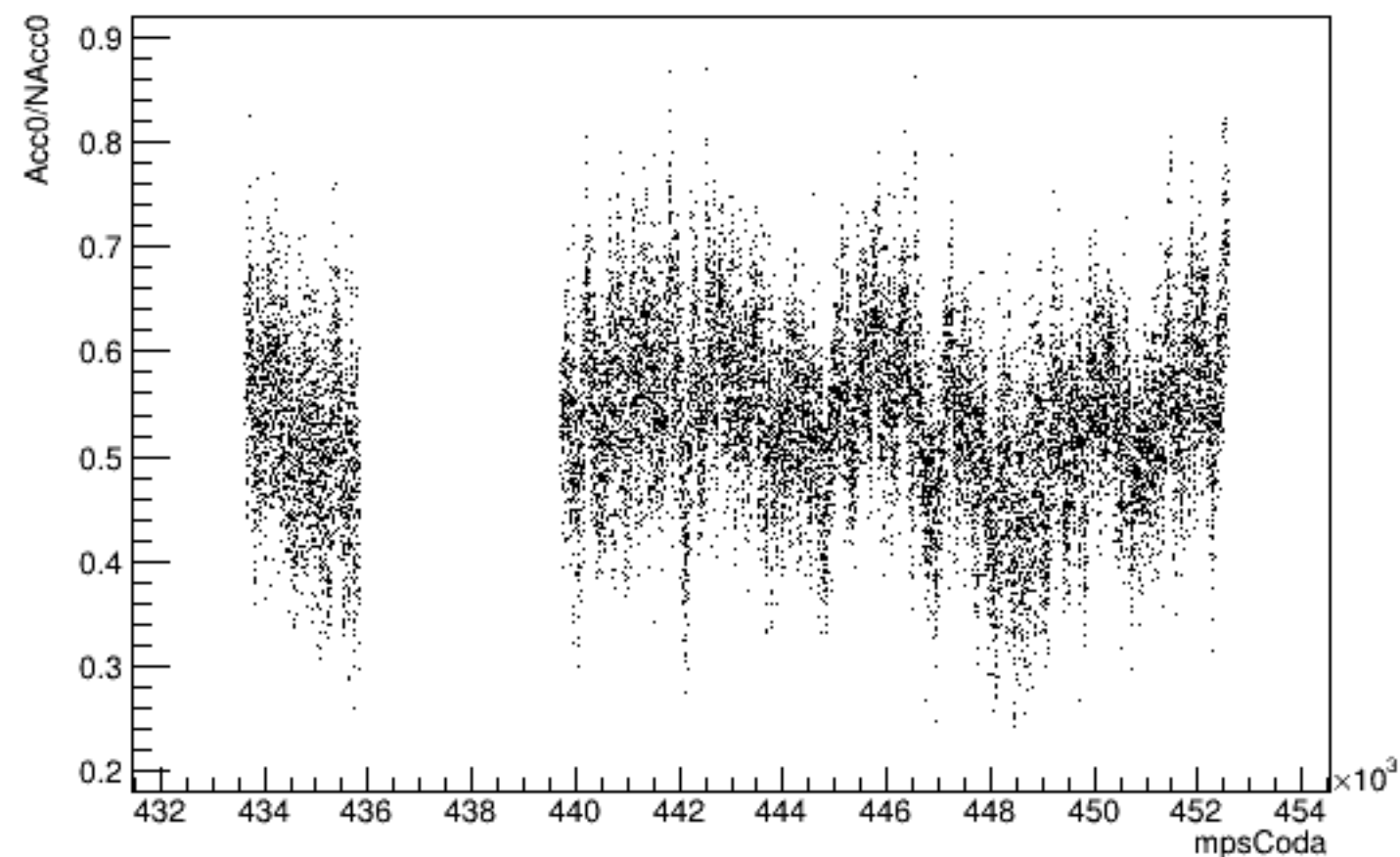
Cycle 18, Asyms

Entries: 548	Entries: 1801	Entries: 1378
Mean: -0.0407 +/- 0.0311	Mean: -0.2204 +/- 0.4436	Mean: -0.0203 +/- 0.0198
Std Dev: 0.7288 +/- 0.0220	Std Dev: 18.8254 +/- 0.3137	Std Dev: 0.7336 +/- 0.0140

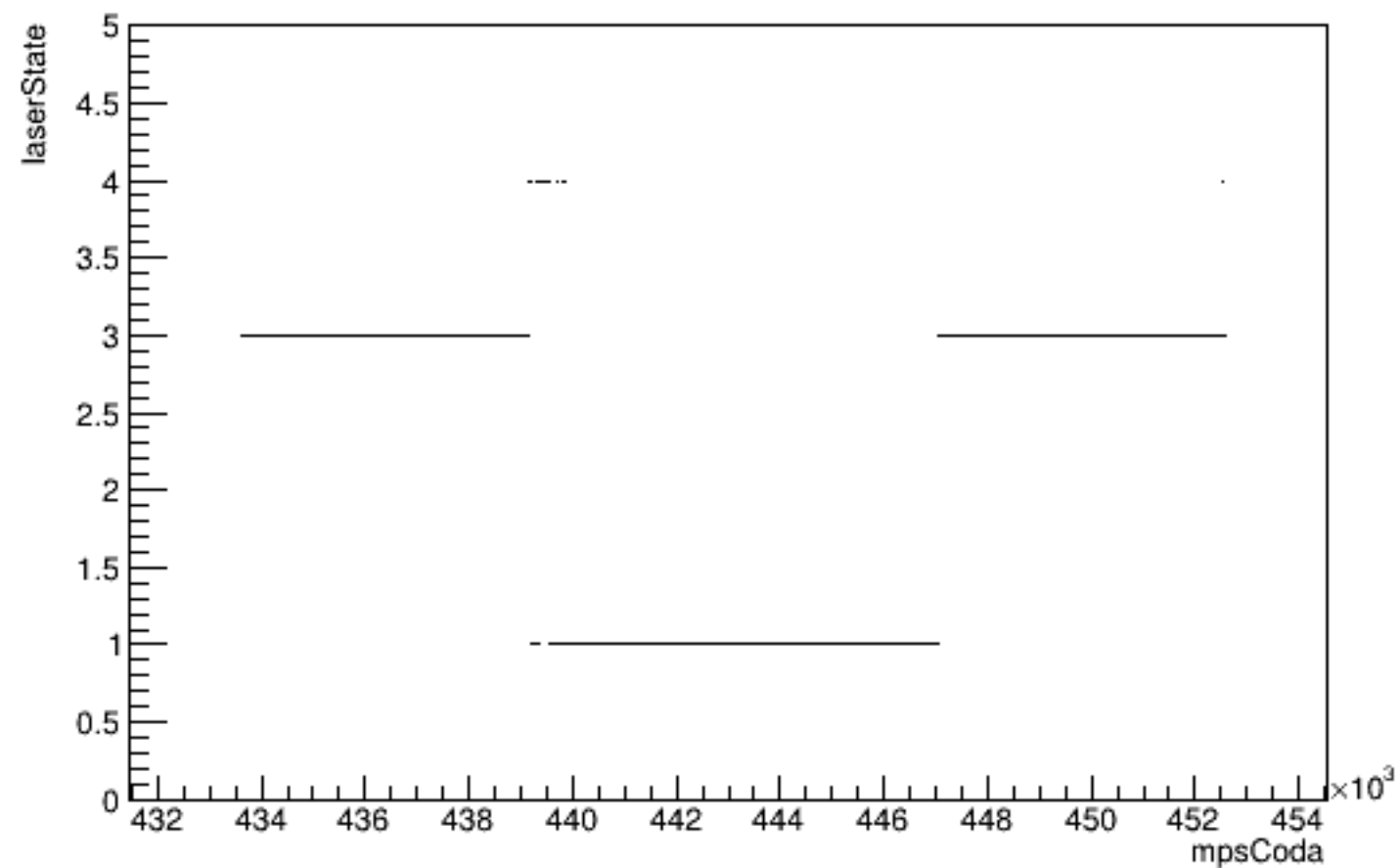
Run 6253 quartetwise, Asyms



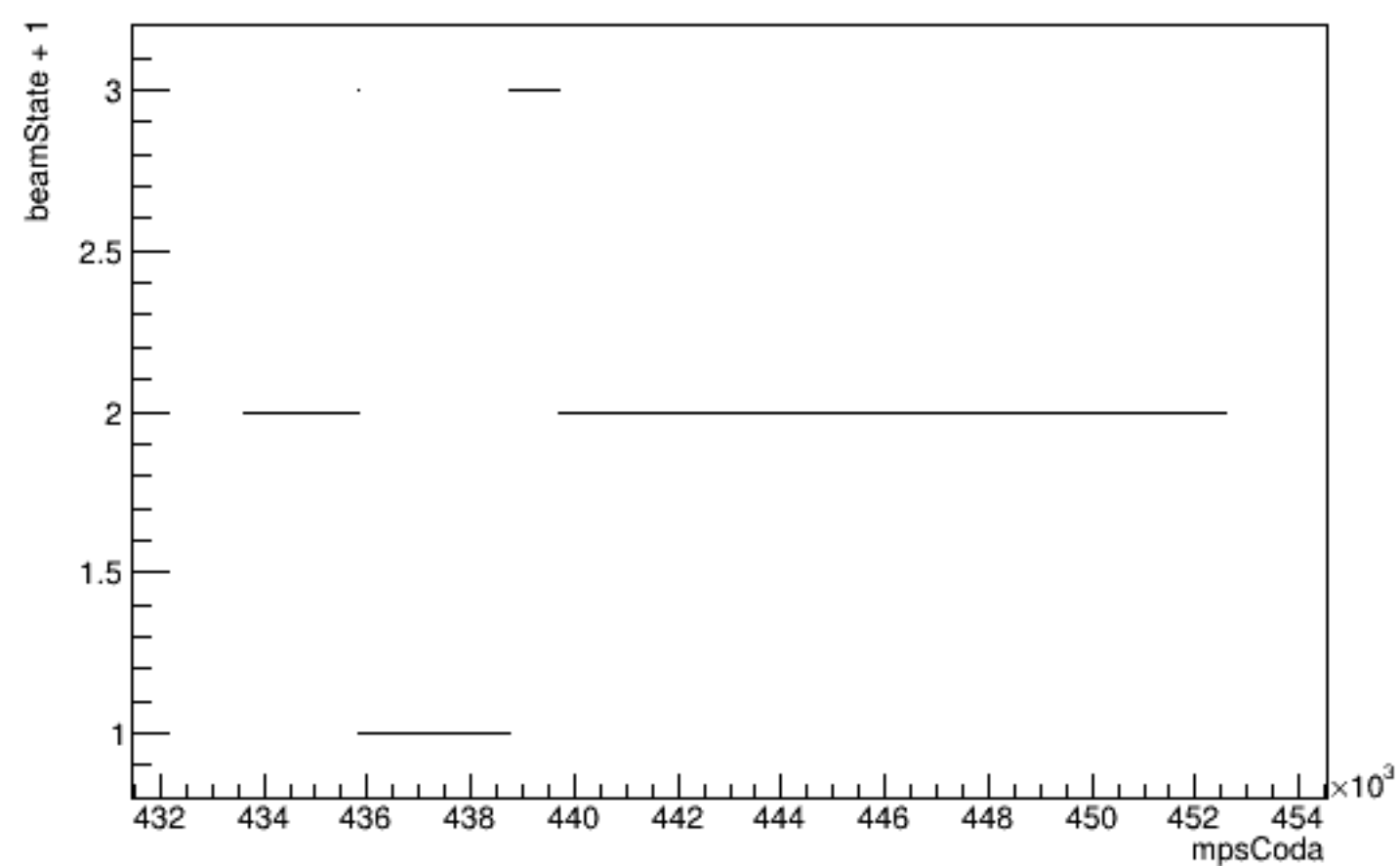
Acc0/NAcc0:mpsCoda (mpsCoda>=433637 && mpsCoda<=452572 && beamState==1)



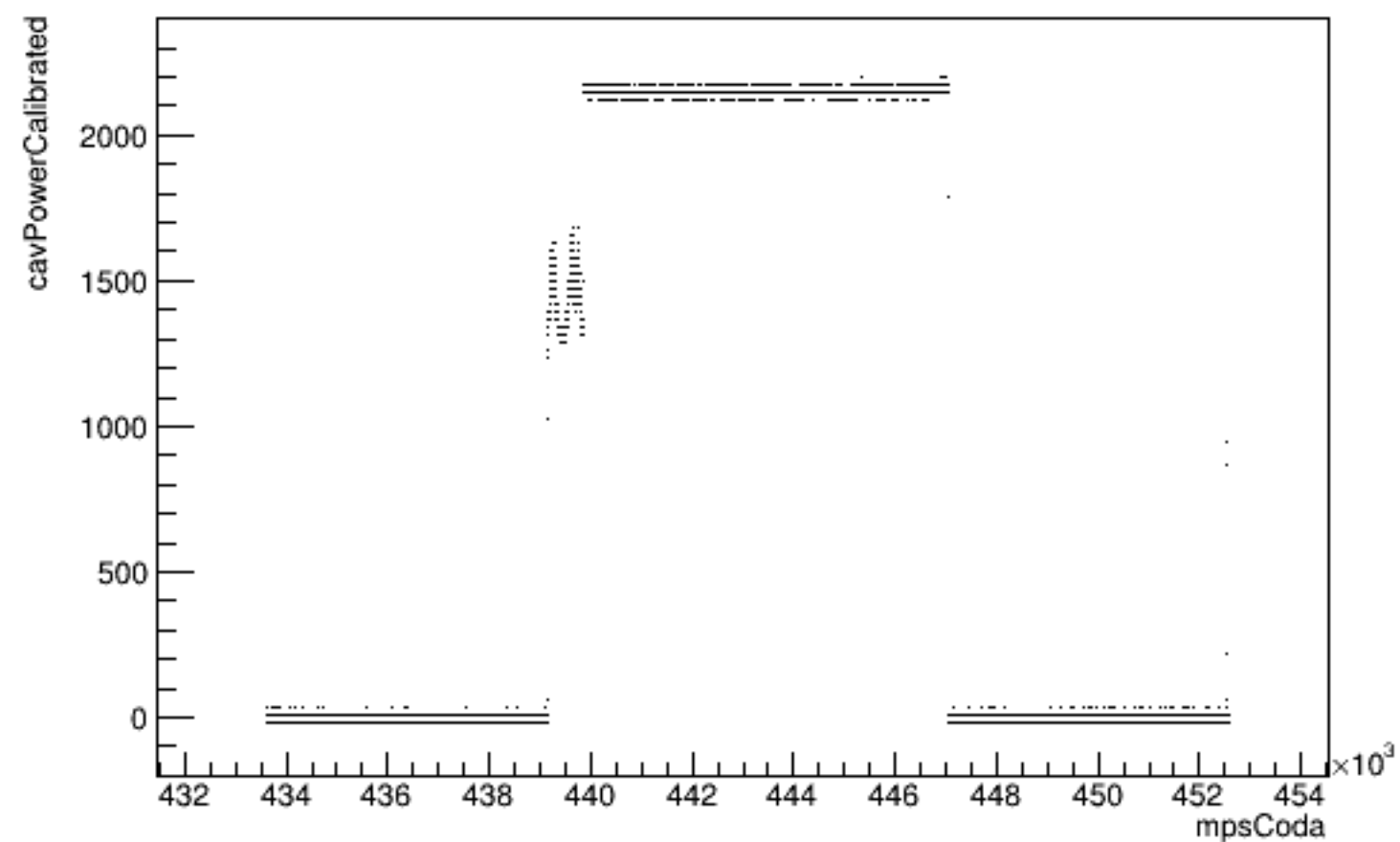
laserState:mpsCoda {mpsCoda>=433637 && mpsCoda<=452572}



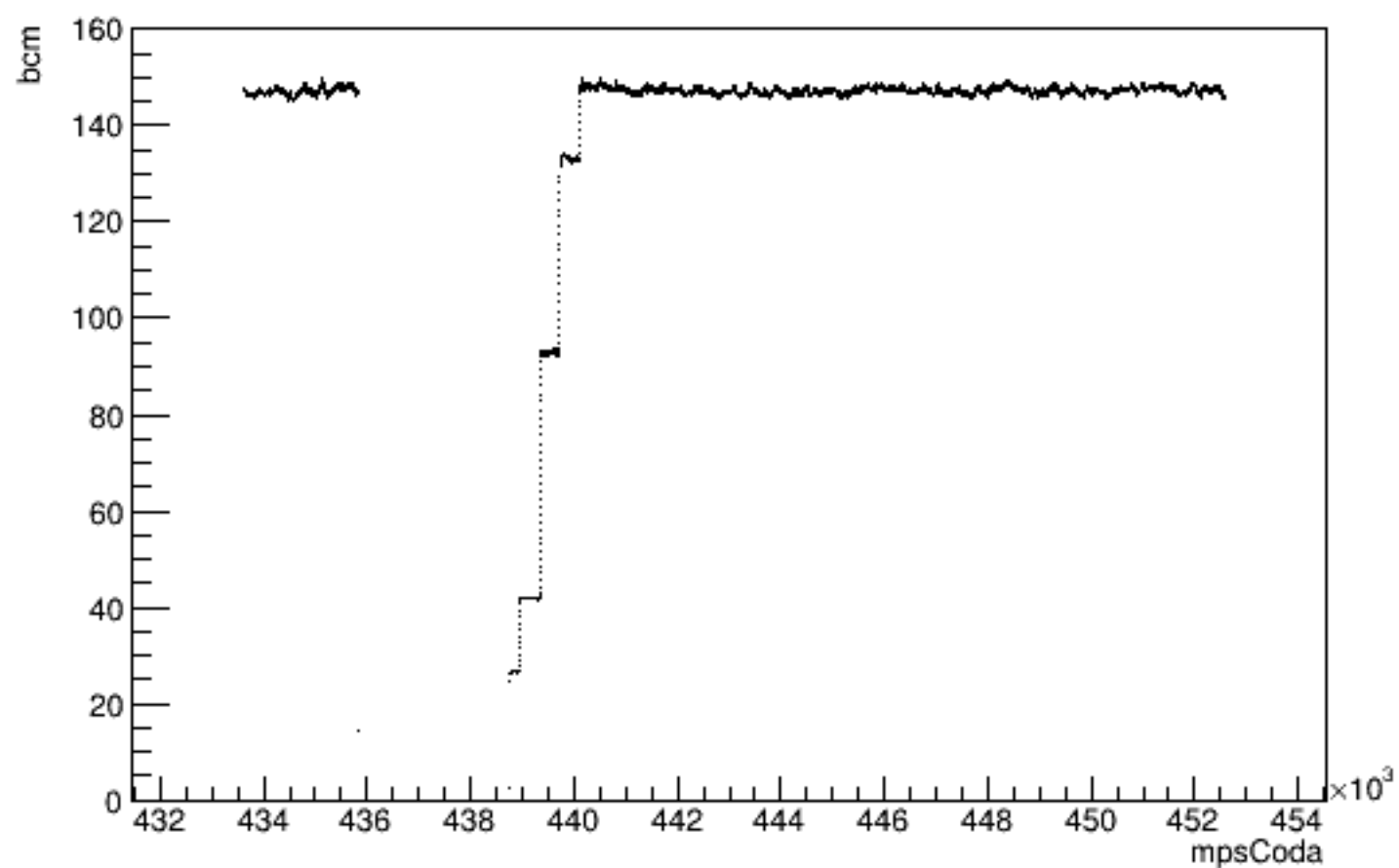
beamState + 1:mpsCoda {mpsCoda>=433637 && mpsCoda<=452572}



cavPowerCalibrated:mpsCoda {mpsCoda>=433637 && mpsCoda<=452572}



bcm:mpsCoda {mpsCoda>=433637 && mpsCoda<=452572}



Cycle 19, Diffs

Entries: 1369

Mean: -0.0029 +/- 0.0011

Std Dev: 0.0423 +/- 0.0008

Entries: 1805

Mean: -0.0015 +/- 0.0010

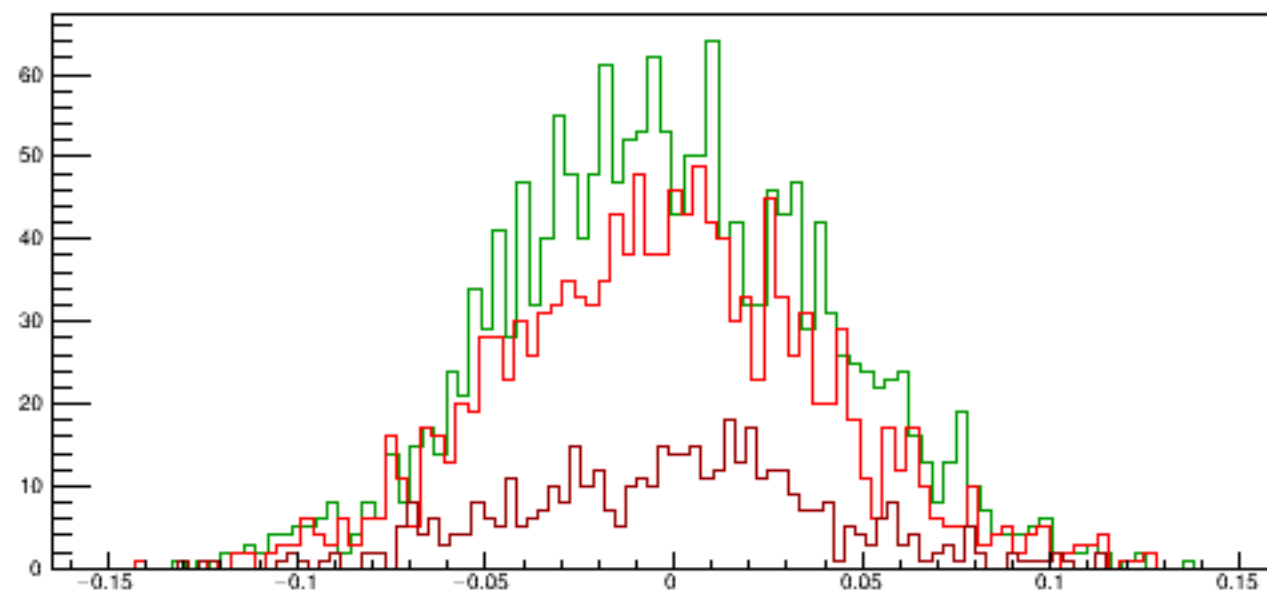
Std Dev: 0.0426 +/- 0.0007

Entries: 447

Mean: -0.0009 +/- 0.0020

Std Dev: 0.0419 +/- 0.0014

Run 6253 quartetwise, Diffs



Cycle 19, Sums

Entries: 1369

Mean: 1.4212 +/- 0.0040

Std Dev: 0.1465 +/- 0.0028

Entries: 1805

Mean: 1.4607 +/- 0.0033

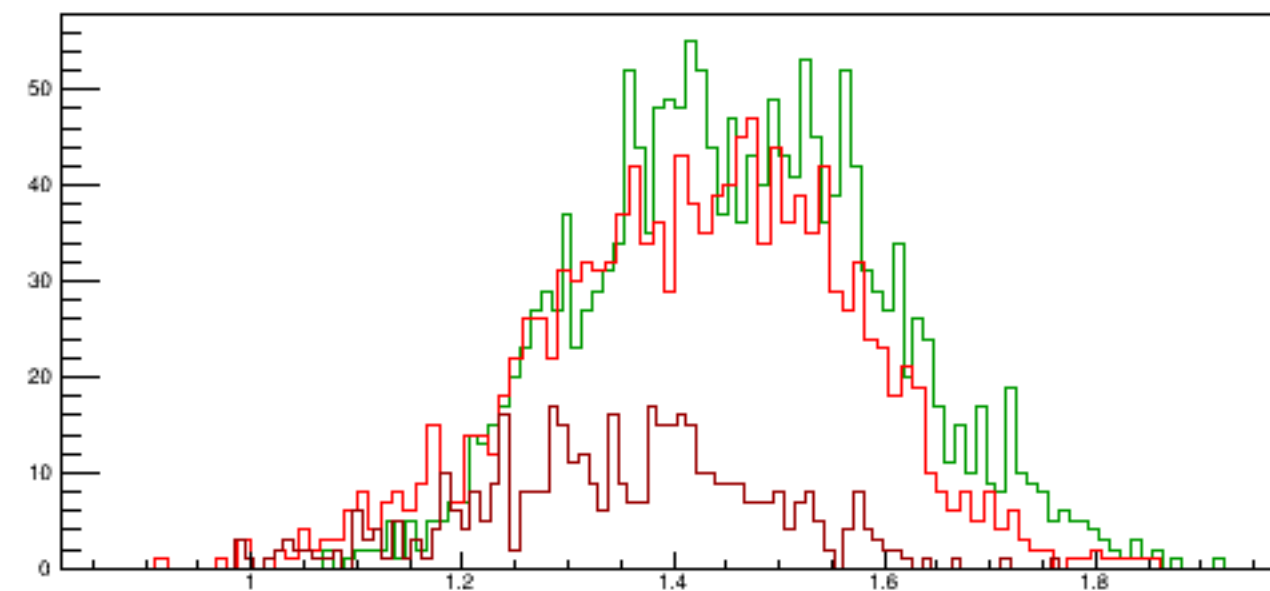
Std Dev: 0.1418 +/- 0.0024

Entries: 447

Mean: 1.3480 +/- 0.0065

Std Dev: 0.1365 +/- 0.0046

Run 6253 quartetwise, Sums



Cycle 19, Asyms

Entries: 1369

Mean: -0.0375 +/- 0.0150

Std Dev: 0.5560 +/- 0.0106

Entries: 1805

Mean: -0.4715 +/- 0.5516

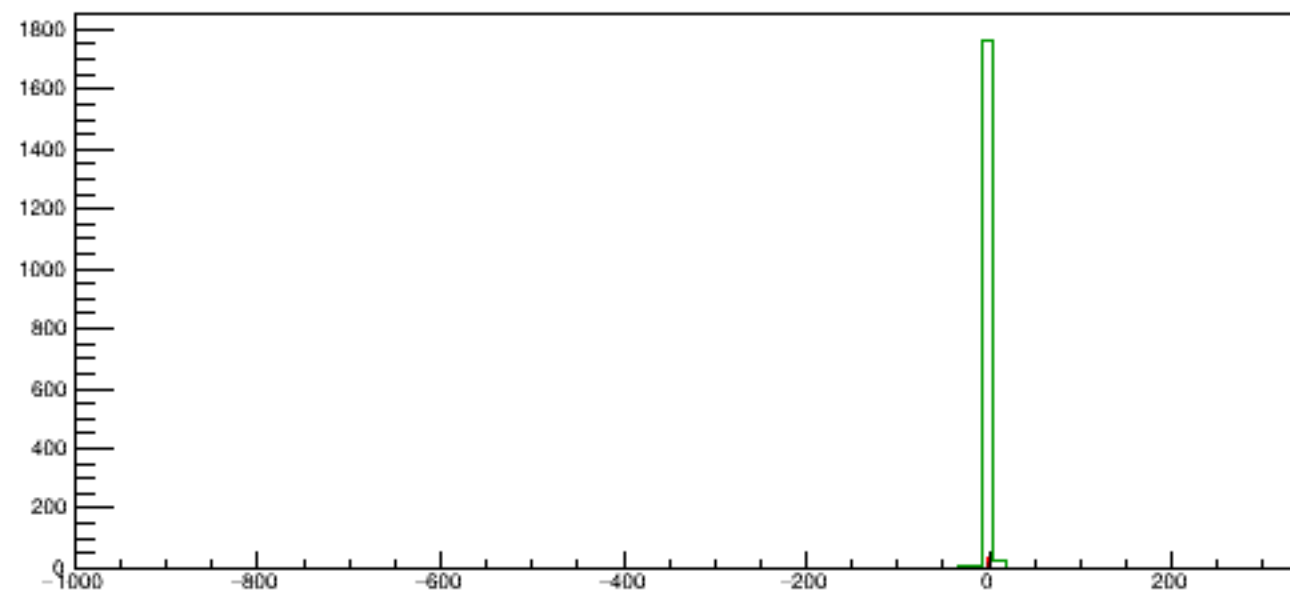
Std Dev: 23.4340 +/- 0.3900

Entries: 447

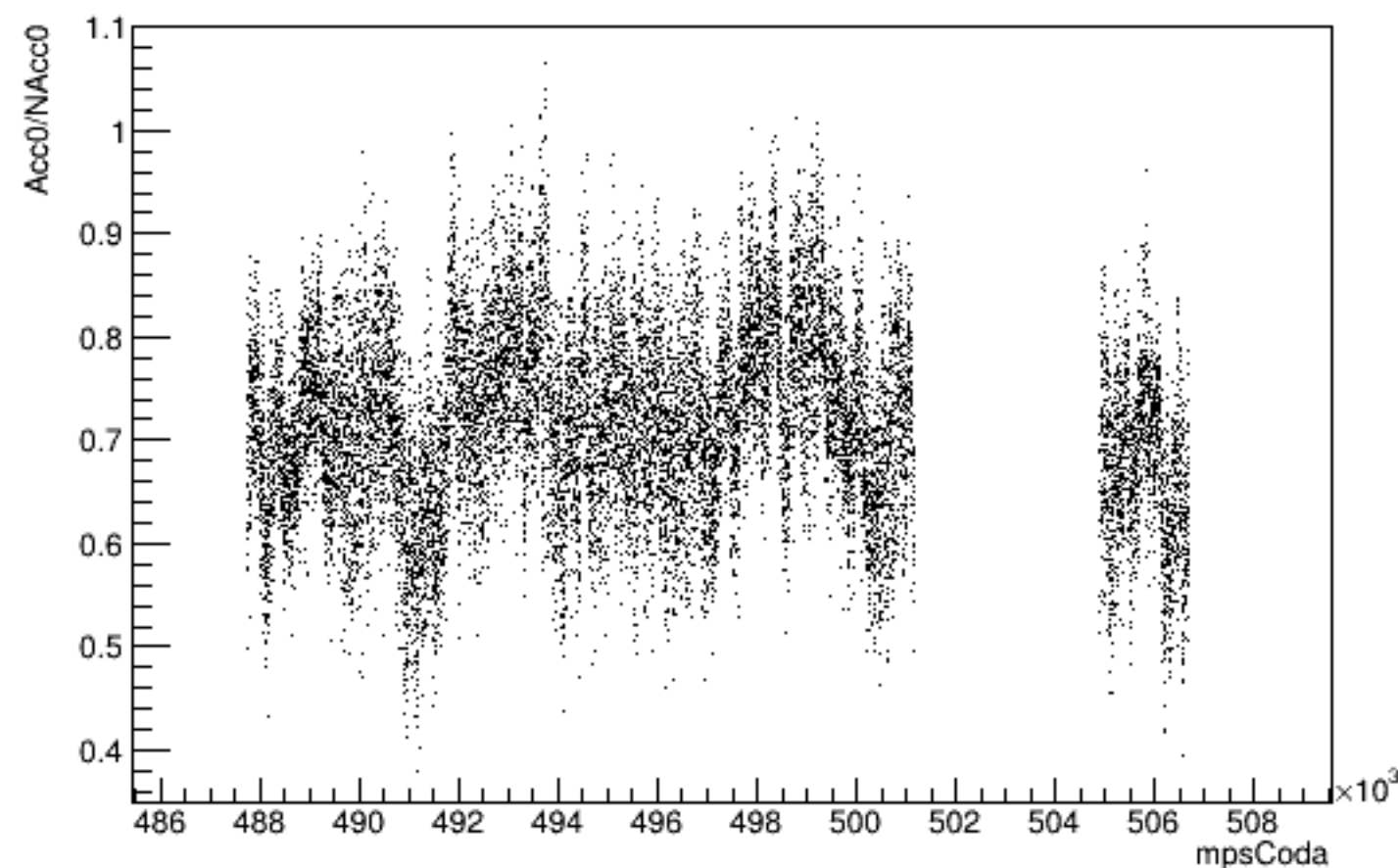
Mean: -0.0112 +/- 0.0260

Std Dev: 0.5501 +/- 0.0184

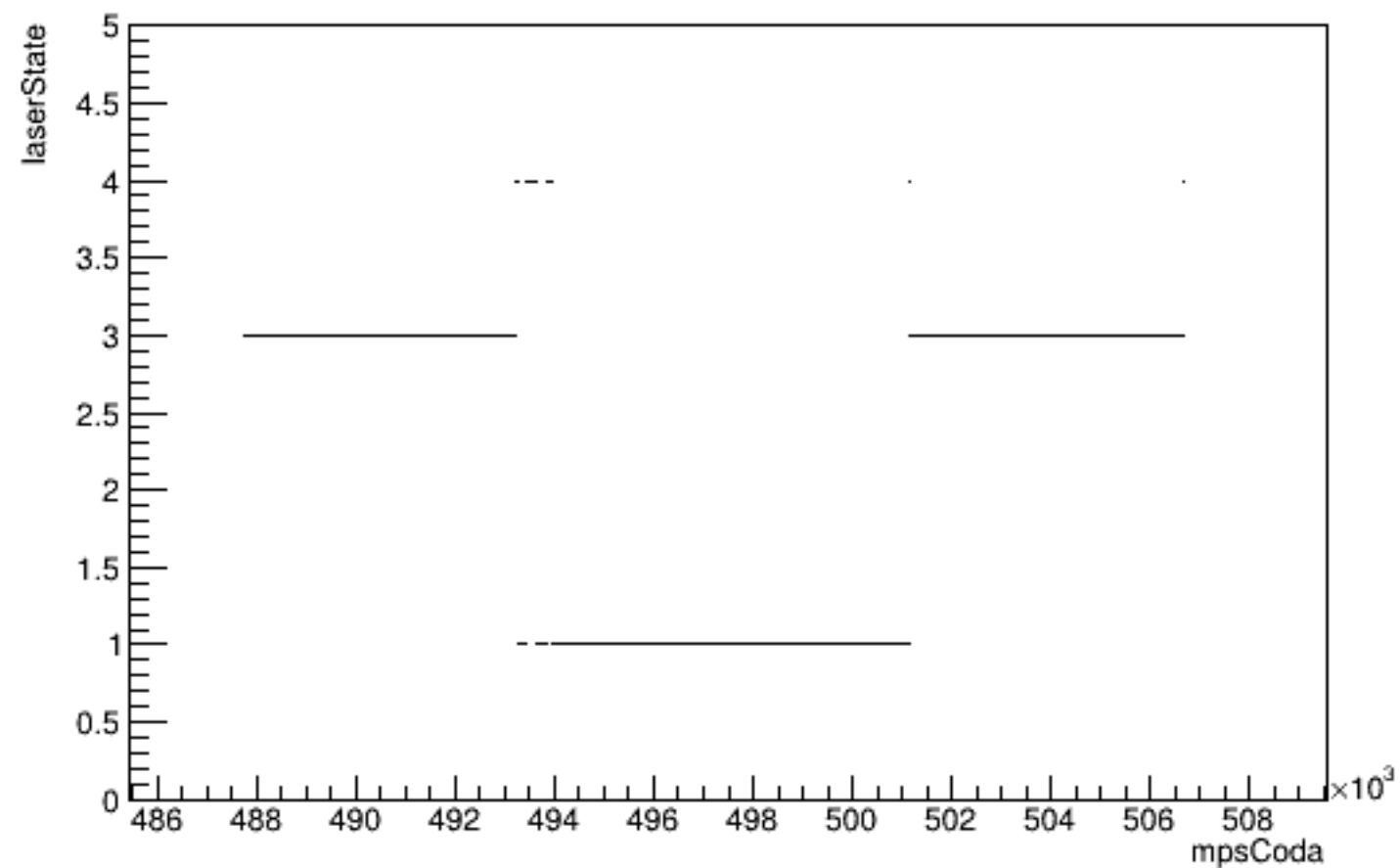
Run 6253 quartetwise, Asyms



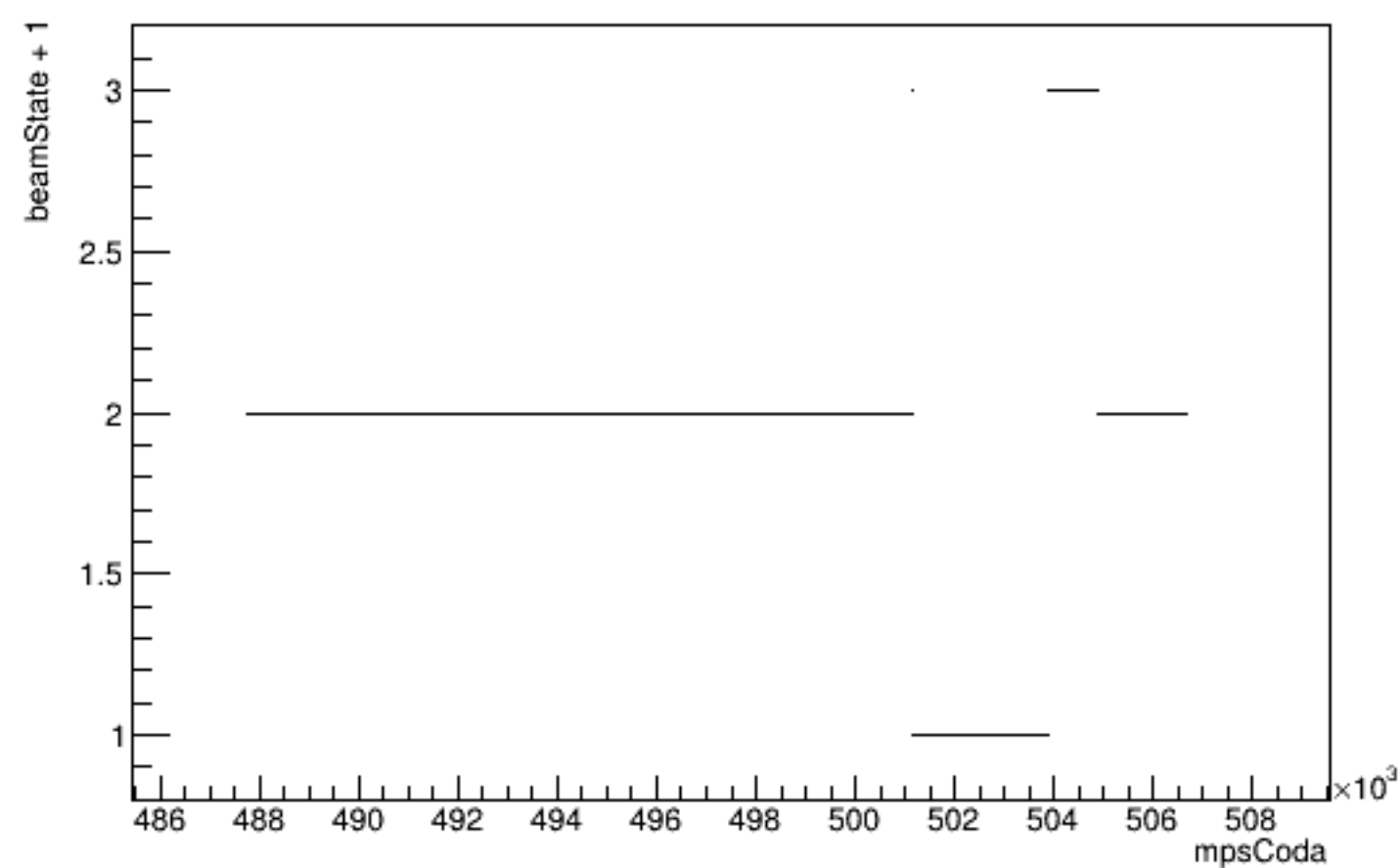
Acc0/NAcc0:mpsCoda (mpsCoda>=487745 && mpsCoda<=506692 && beamState==1)



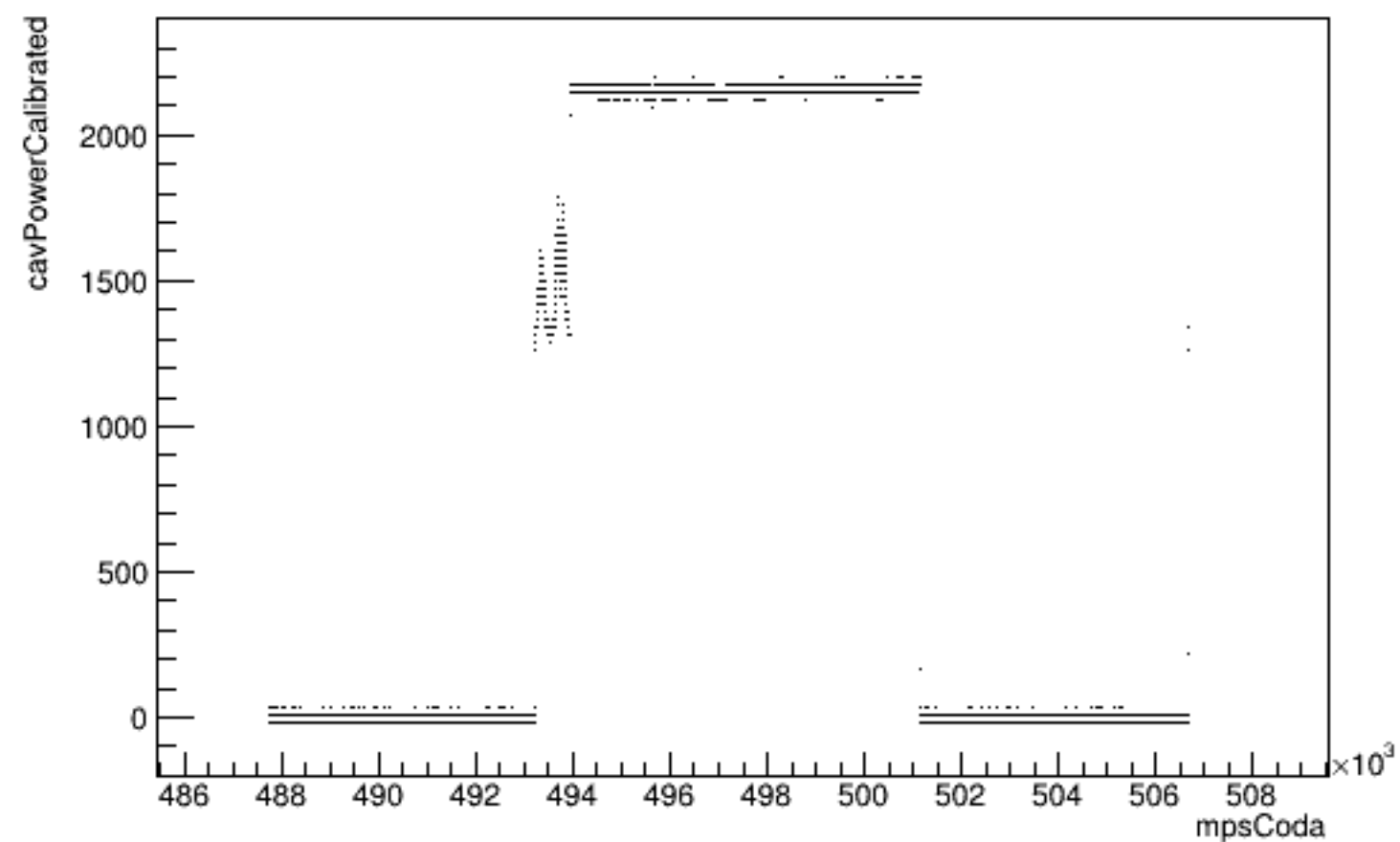
laserState:mpsCoda {mpsCoda>=487745 && mpsCoda<=506692}



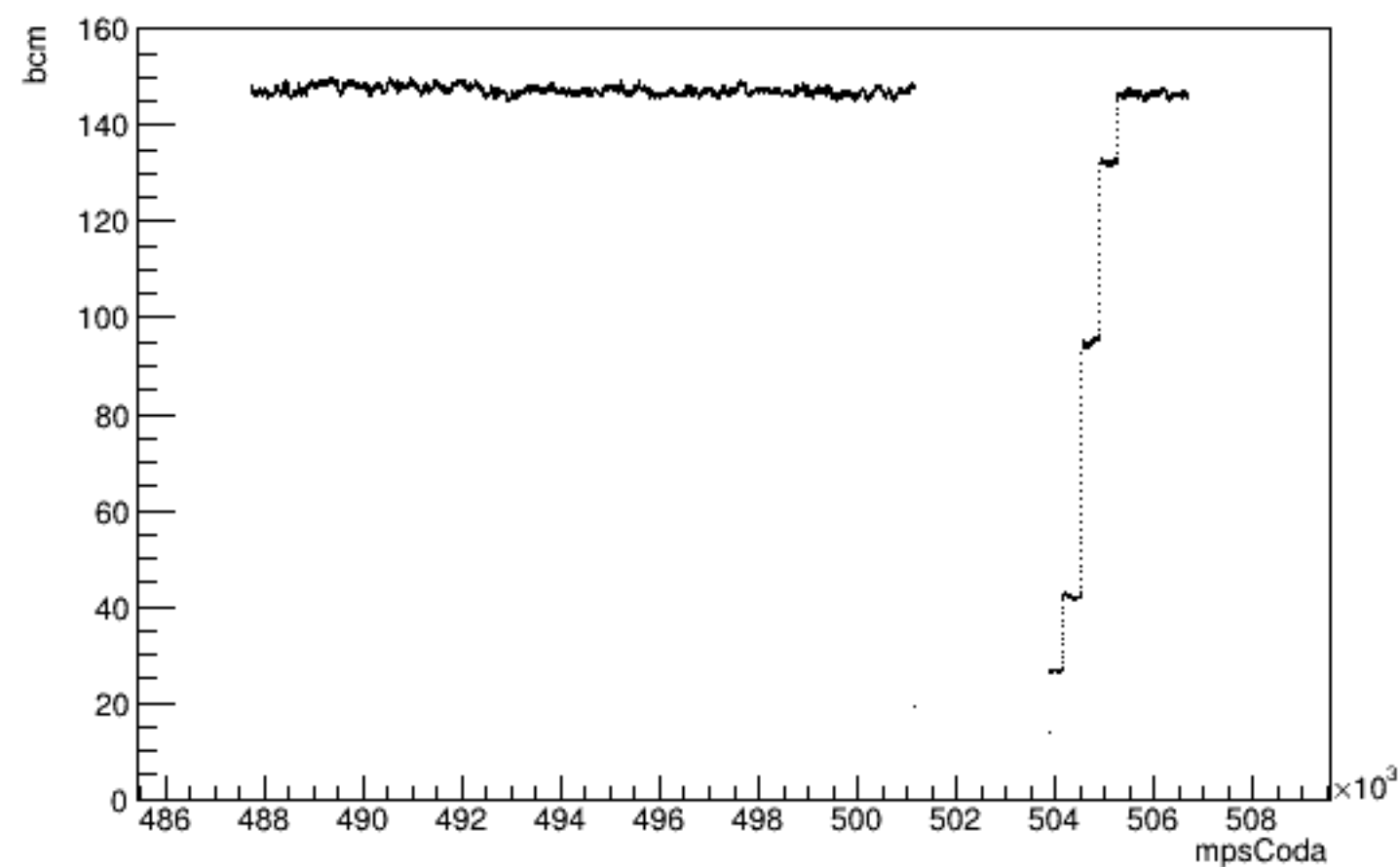
beamState + 1:mpsCoda {mpsCoda>=487745 && mpsCoda<=506692}



cavPowerCalibrated:mpsCoda {mpsCoda>=487745 && mpsCoda<=506692}



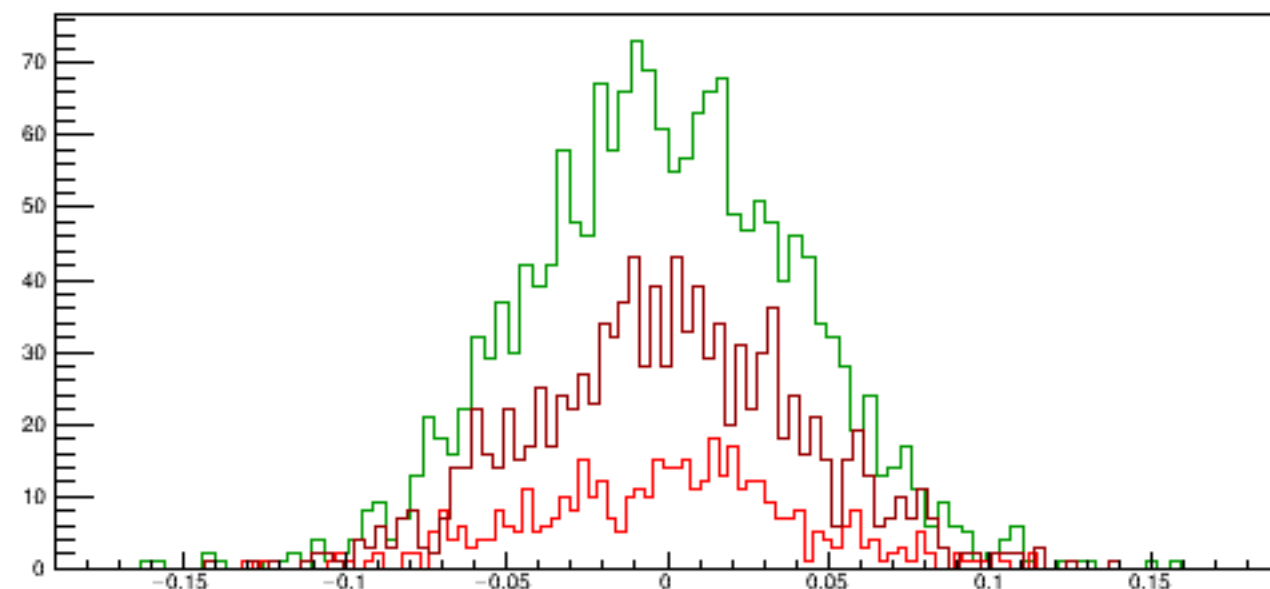
bcm:mpsCoda {mpsCoda>=487745 && mpsCoda<=506692}



Cycle 20, Diffs

Entries: 447	Entries: 1805	Entries: 1095
Mean: -0.0009 +/- 0.0020	Mean: -0.0014 +/- 0.0010	Mean: -0.0005 +/- 0.0013
Std Dev: 0.0419 +/- 0.0014	Std Dev: 0.0423 +/- 0.0007	Std Dev: 0.0420 +/- 0.0009

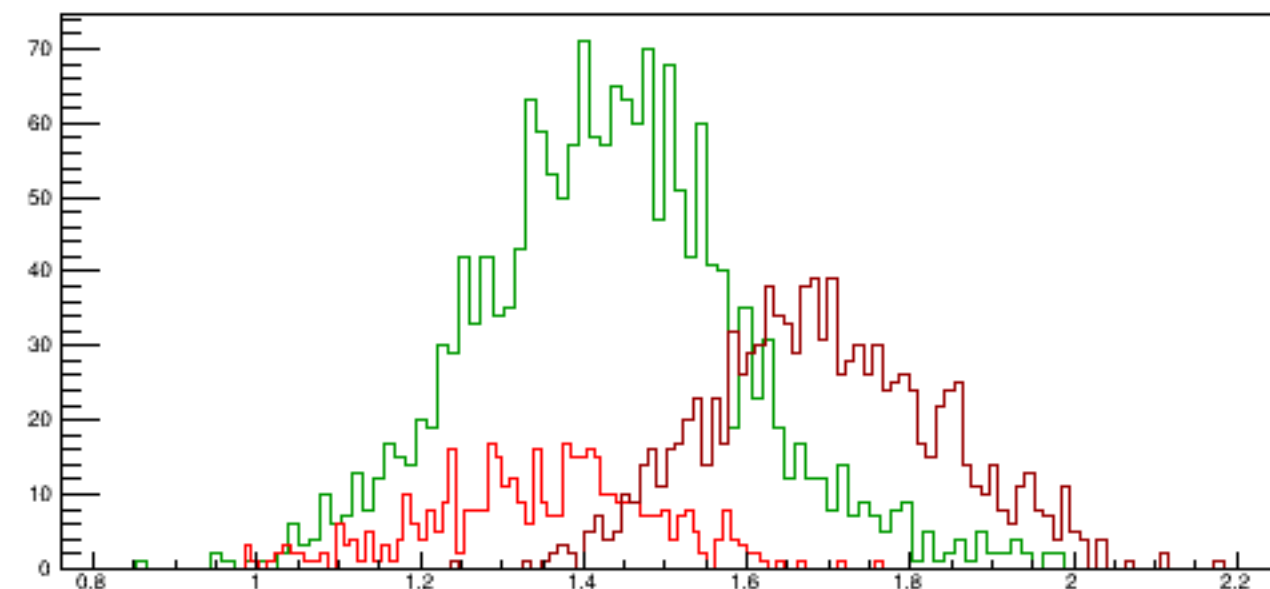
Run 6253 quartetwise, Diffs



Cycle 20, Sums

Entries: 447	Entries: 1805	Entries: 1095
Mean: 1.3480 +/- 0.0065	Mean: 1.4306 +/- 0.0038	Mean: 1.6960 +/- 0.0043
Std Dev: 0.1365 +/- 0.0046	Std Dev: 0.1624 +/- 0.0027	Std Dev: 0.1416 +/- 0.0030

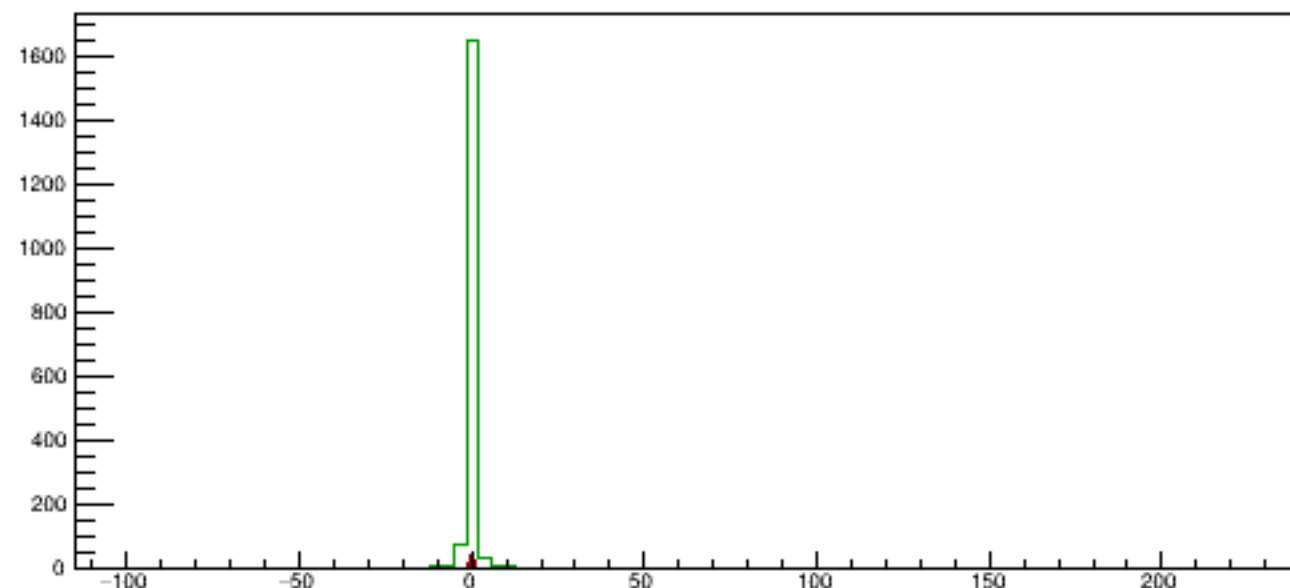
Run 6253 quartetwise, Sums



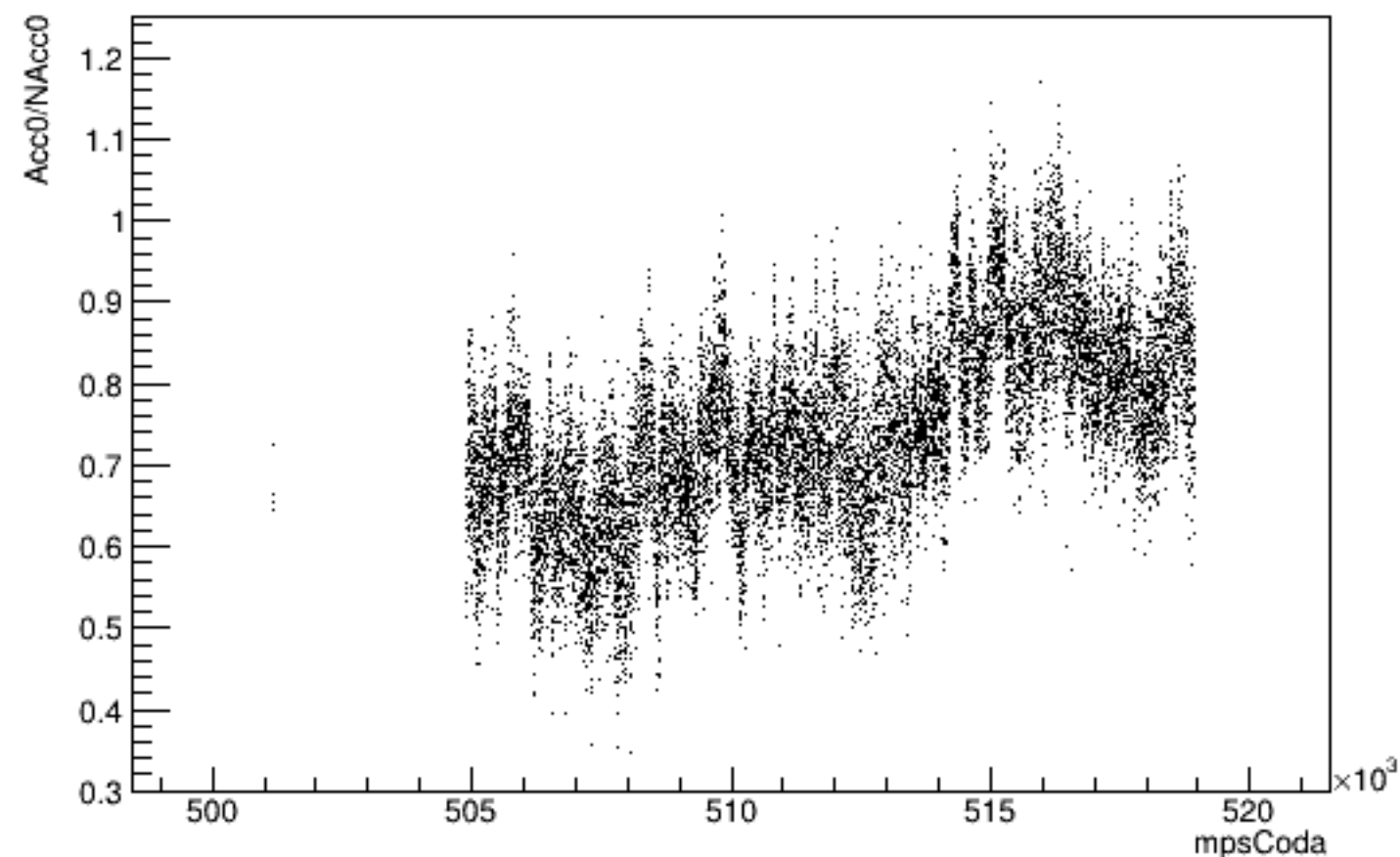
Cycle 20, Asyms

Entries: 447	Entries: 1805	Entries: 1095
Mean: 0.0093 +/- 0.0217	Mean: 0.0201 +/- 0.1957	Mean: 0.0060 +/- 0.0139
Std Dev: 0.4582 +/- 0.0153	Std Dev: 8.3150 +/- 0.1384	Std Dev: 0.4598 +/- 0.0098

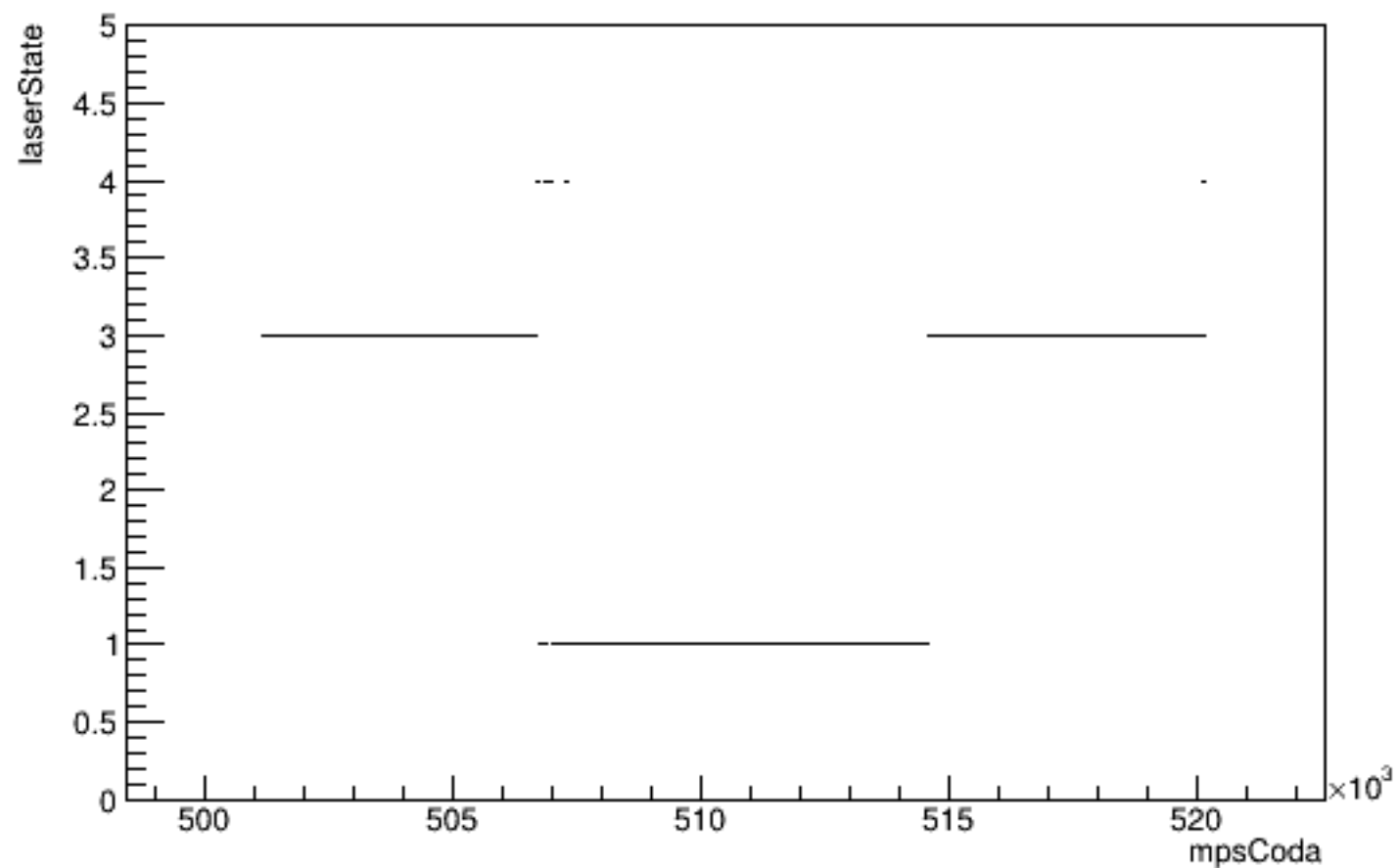
Run 6253 quartetwise, Asyms



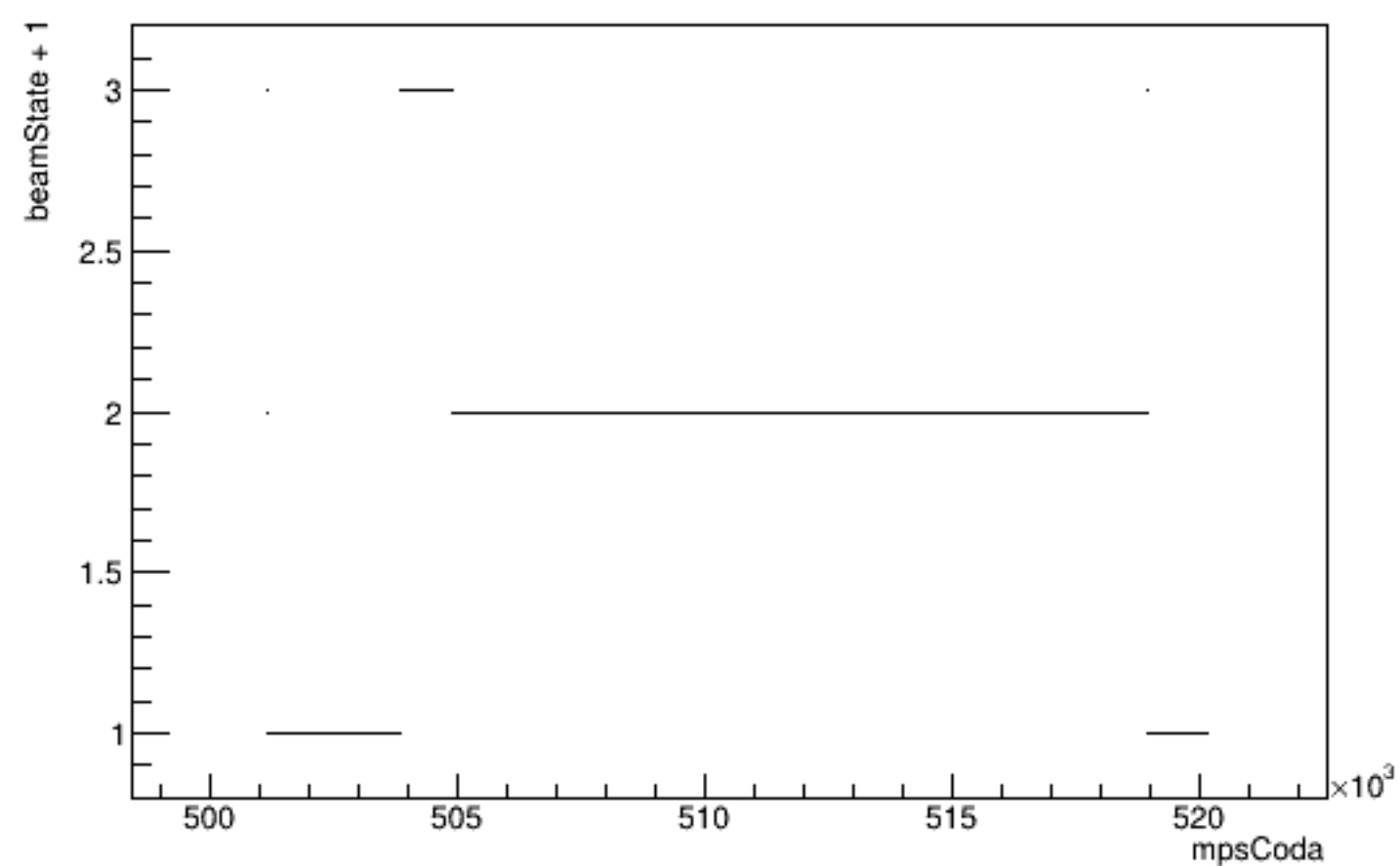
Acc0/NAcc0:mpsCoda (mpsCoda>=501153 && mpsCoda<=520160 && beamState==1)



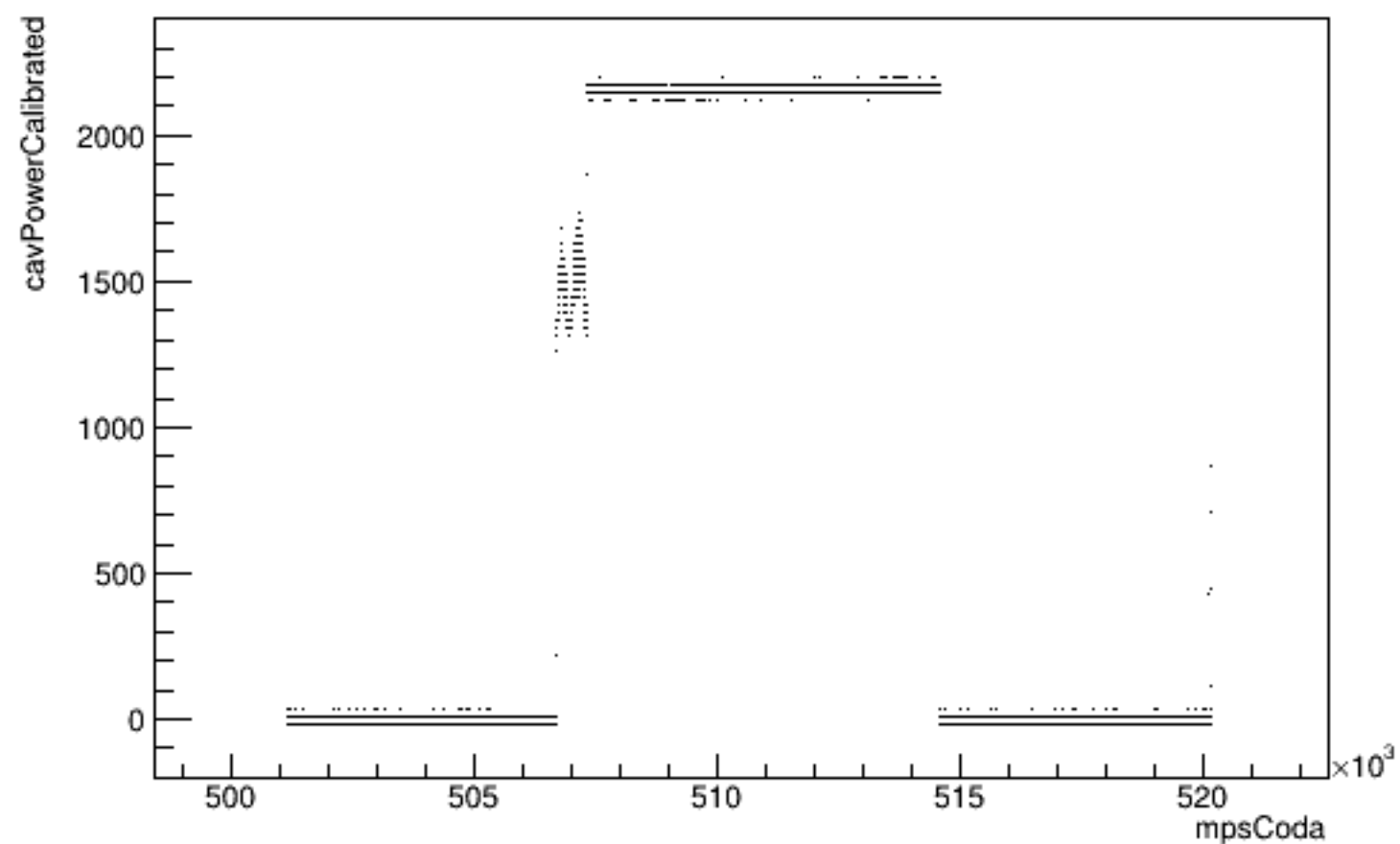
laserState:mpsCoda {mpsCoda>=501153 && mpsCoda<=520160}



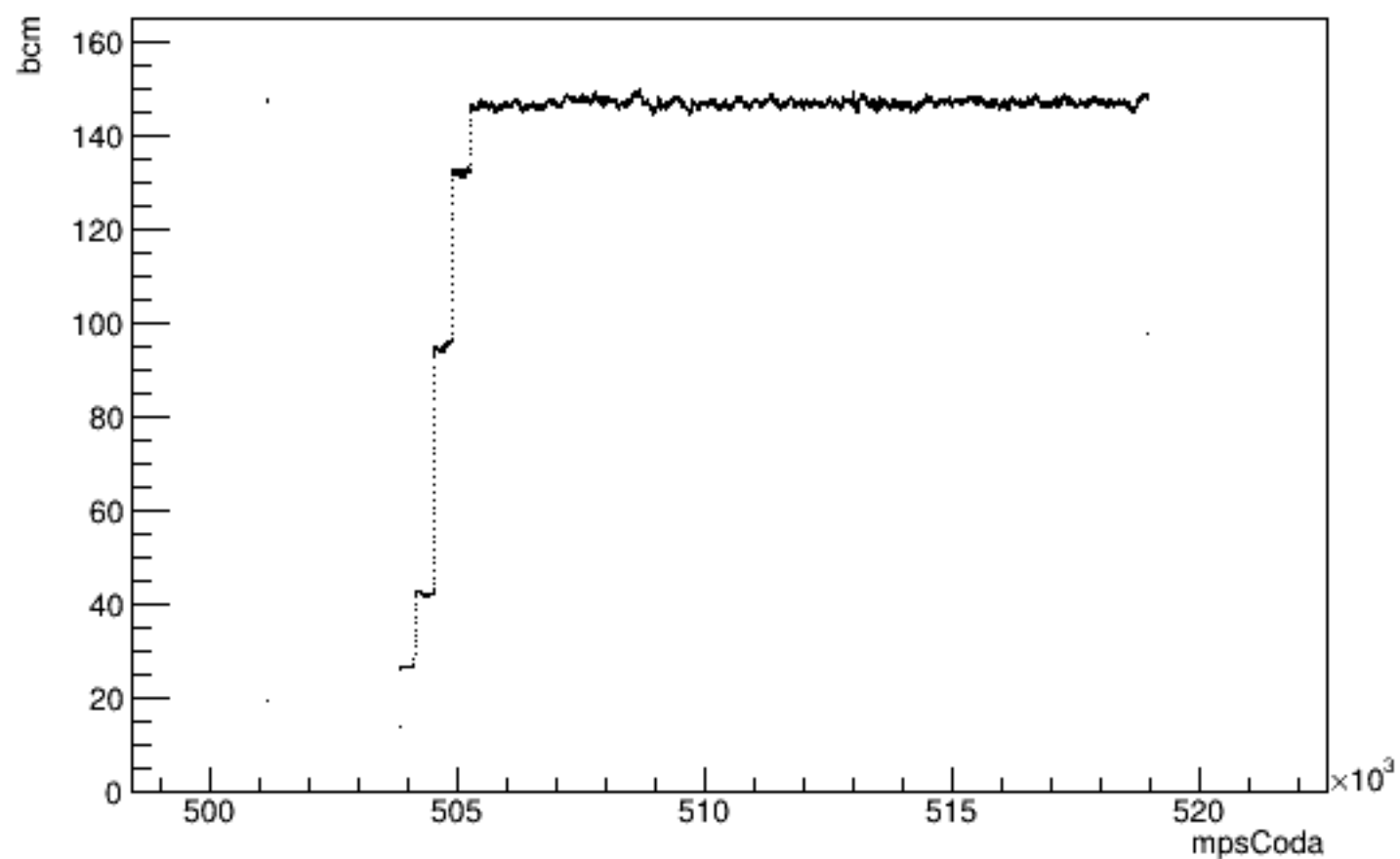
beamState + 1:mpsCoda {mpsCoda>=501153 && mpsCoda<=520160}



cavPowerCalibrated:mpsCoda {mpsCoda>=501153 && mpsCoda<=520160}



bcm:mpsCoda {mpsCoda>=501153 && mpsCoda<=520160}



Cycle 21, Diffs

Entries: 1095

Mean: -0.0005 +/- 0.0013

Std Dev: 0.0420 +/- 0.0009

Entries: 1603

Mean: -0.0022 +/- 0.0011

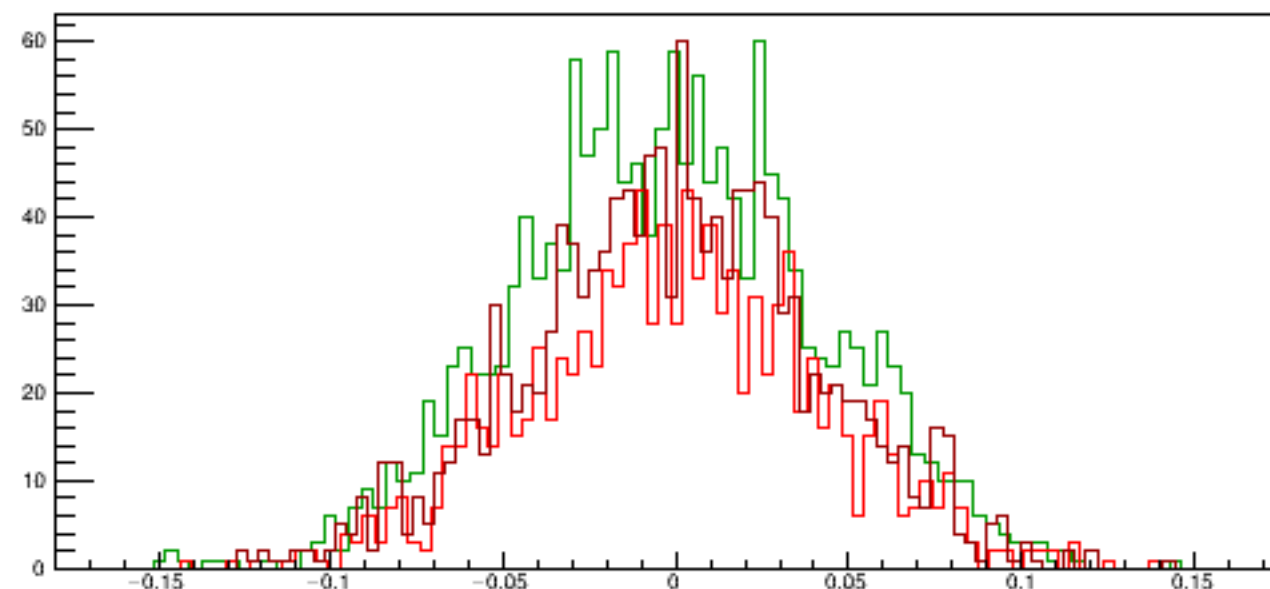
Std Dev: 0.0438 +/- 0.0008

Entries: 1400

Mean: -0.0012 +/- 0.0011

Std Dev: 0.0420 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 21, Sums

Entries: 1095

Mean: 1.6960 +/- 0.0043

Std Dev: 0.1416 +/- 0.0030

Entries: 1603

Mean: 1.4128 +/- 0.0032

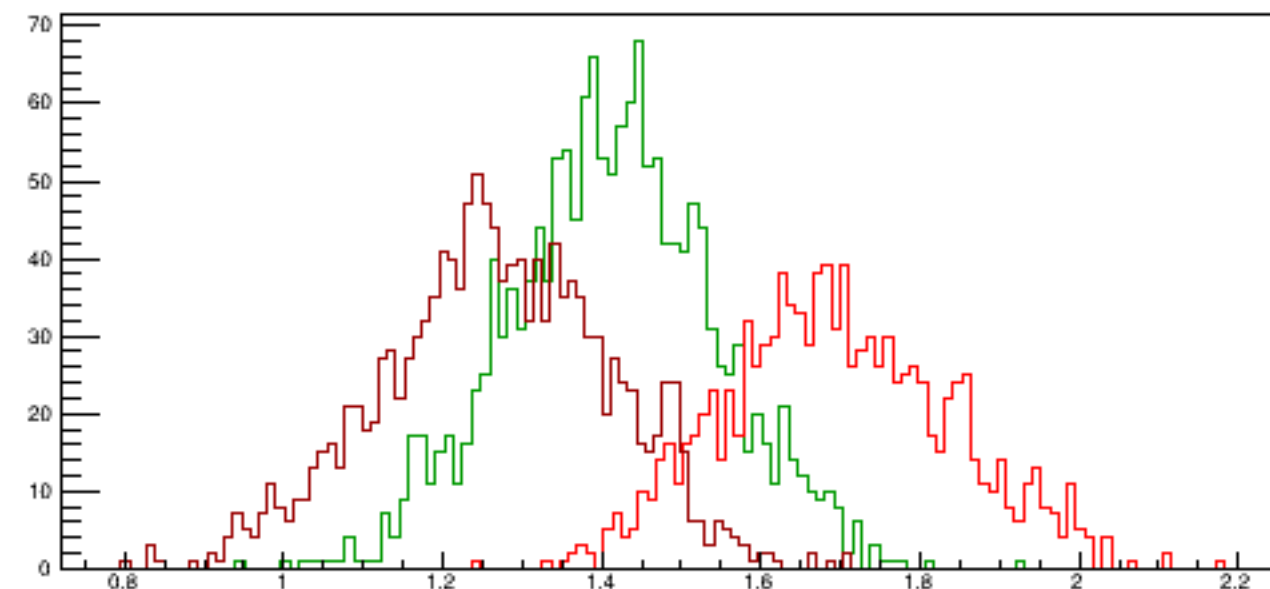
Std Dev: 0.1300 +/- 0.0023

Entries: 1400

Mean: 1.2666 +/- 0.0038

Std Dev: 0.1428 +/- 0.0027

Run 6253 quartetwise, Sums



Cycle 21, Asyms

Entries: 1095

Mean: 0.0080 +/- 0.0186

Std Dev: 0.6139 +/- 0.0131

Entries: 1603

Mean: 0.0591 +/- 0.1188

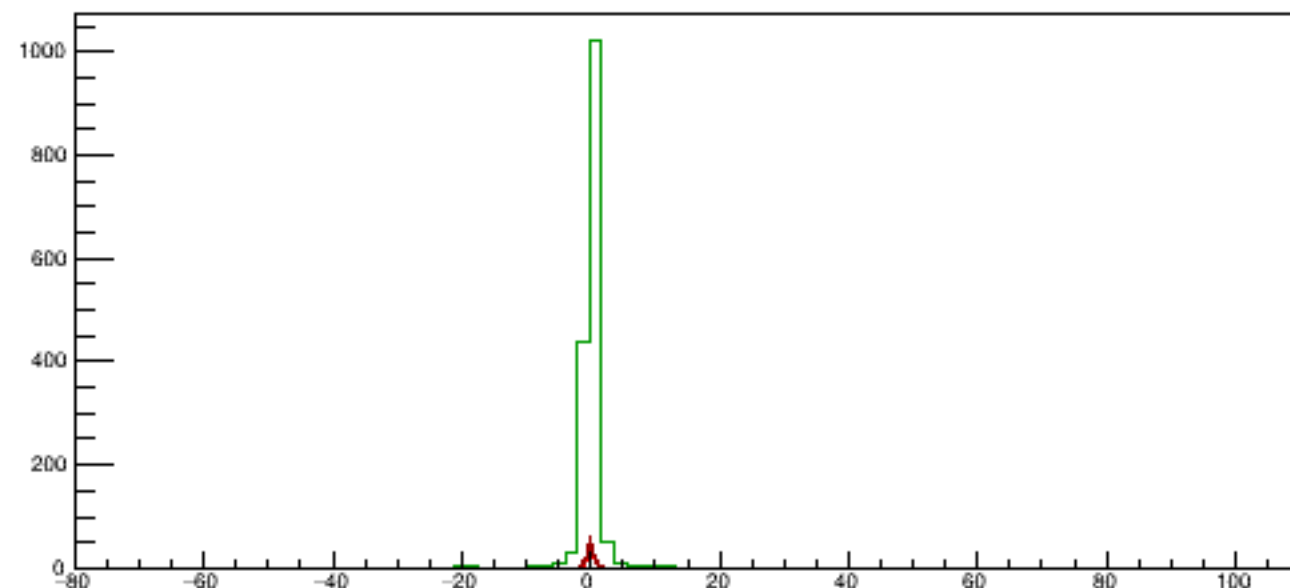
Std Dev: 4.7572 +/- 0.0840

Entries: 1400

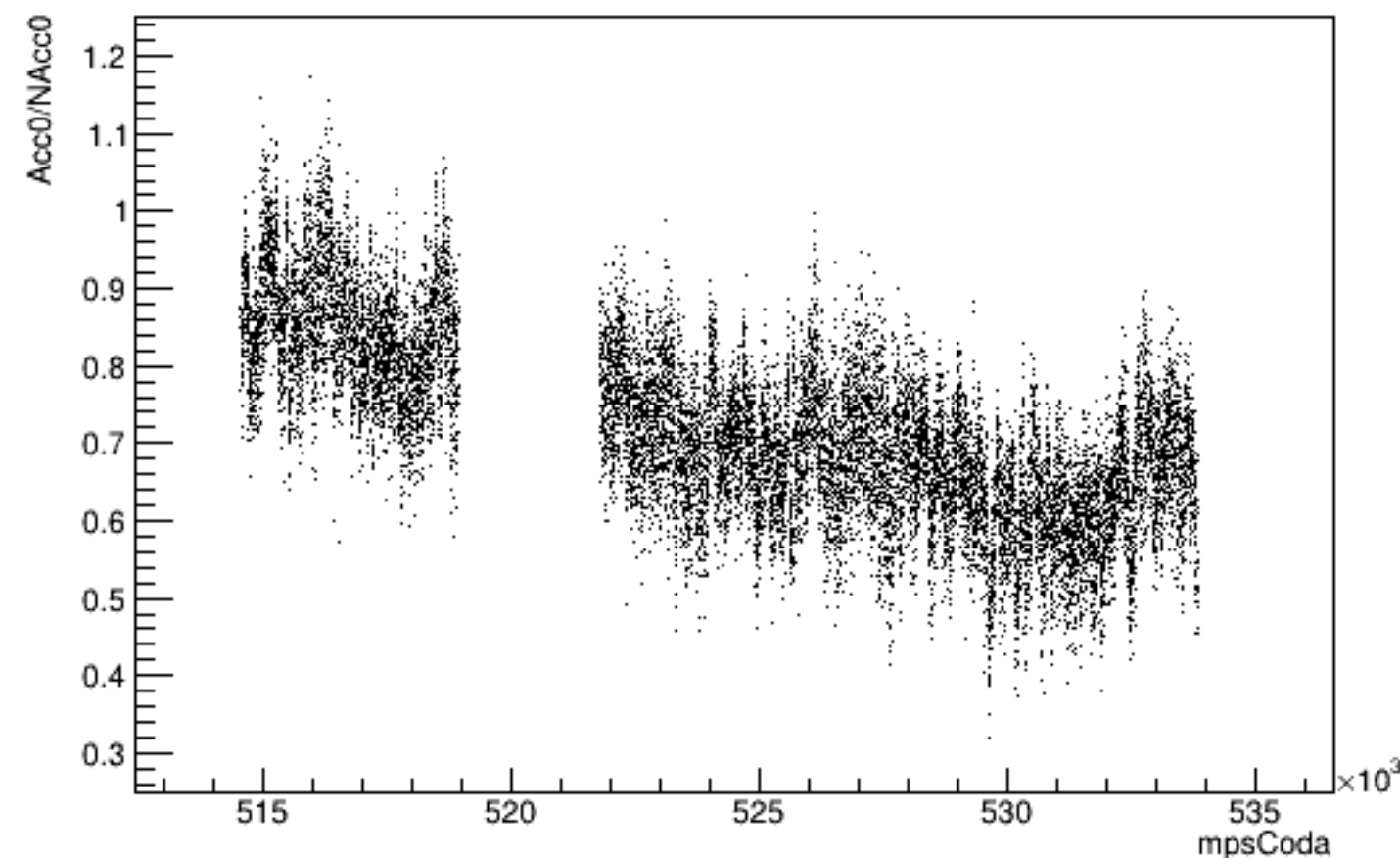
Mean: 0.0169 +/- 0.0164

Std Dev: 0.6138 +/- 0.0116

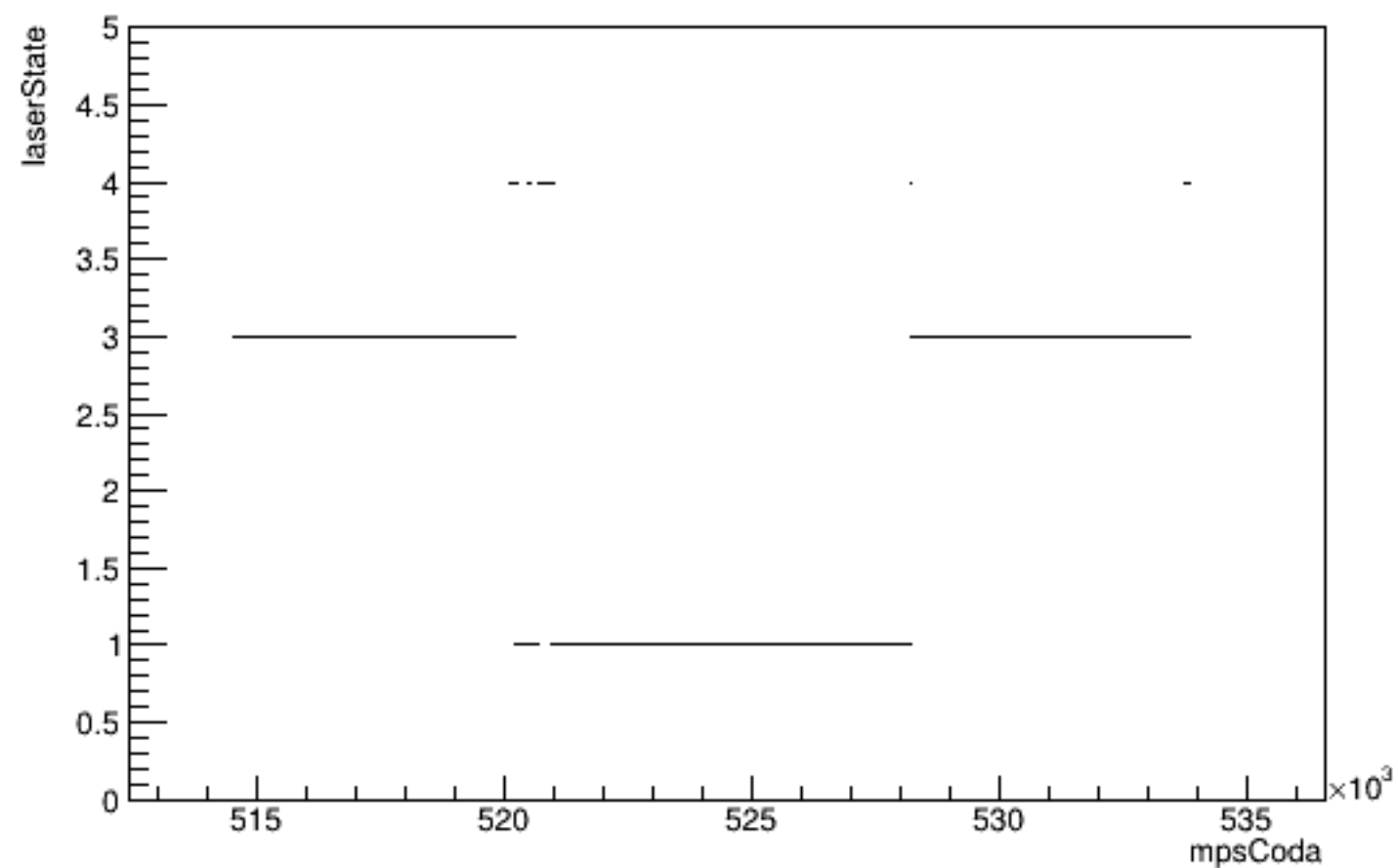
Run 6253 quartetwise, Asyms



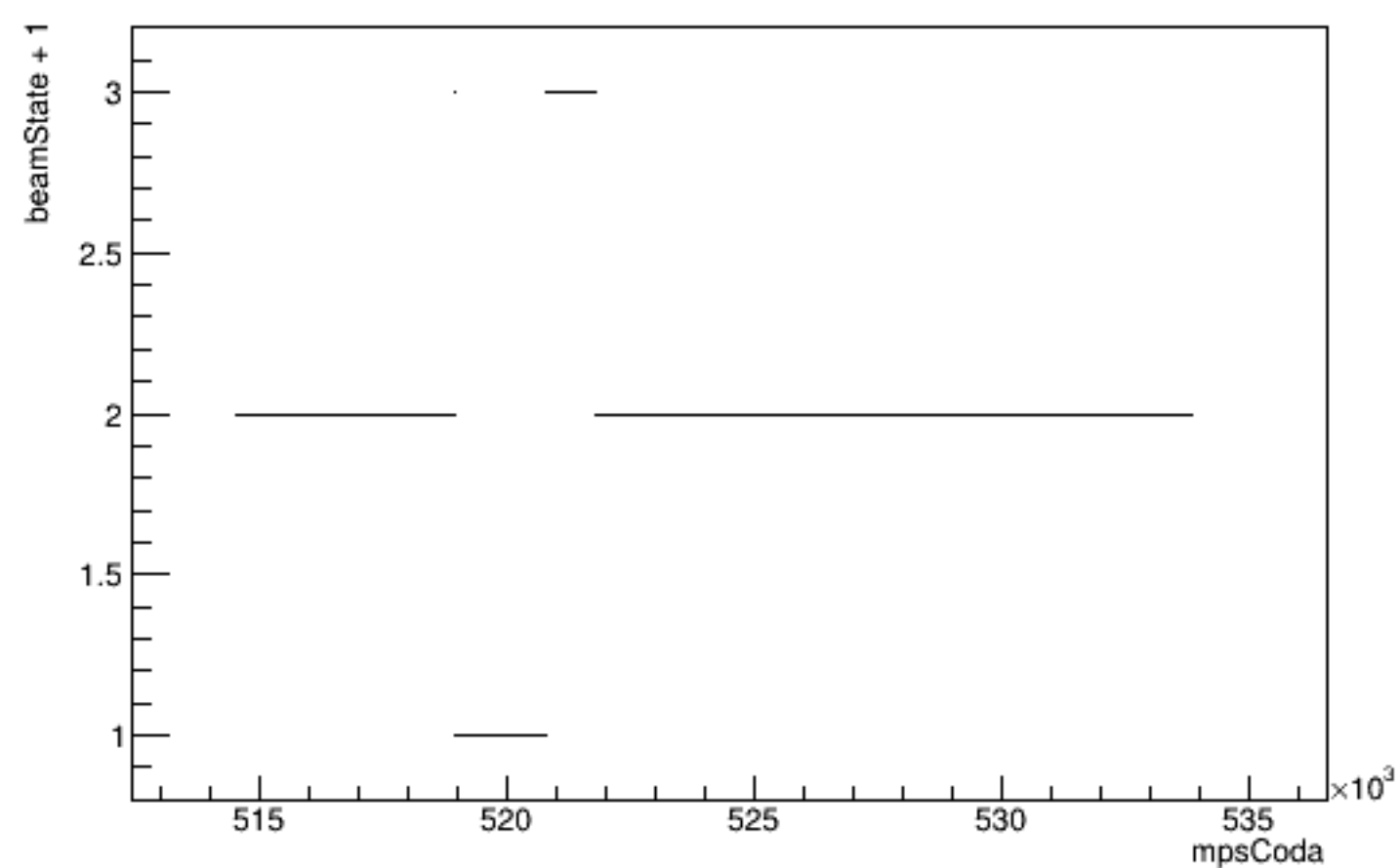
Acc0/NAcc0:mpsCoda (mpsCoda>=514557 && mpsCoda<=533824 && beamState==1)



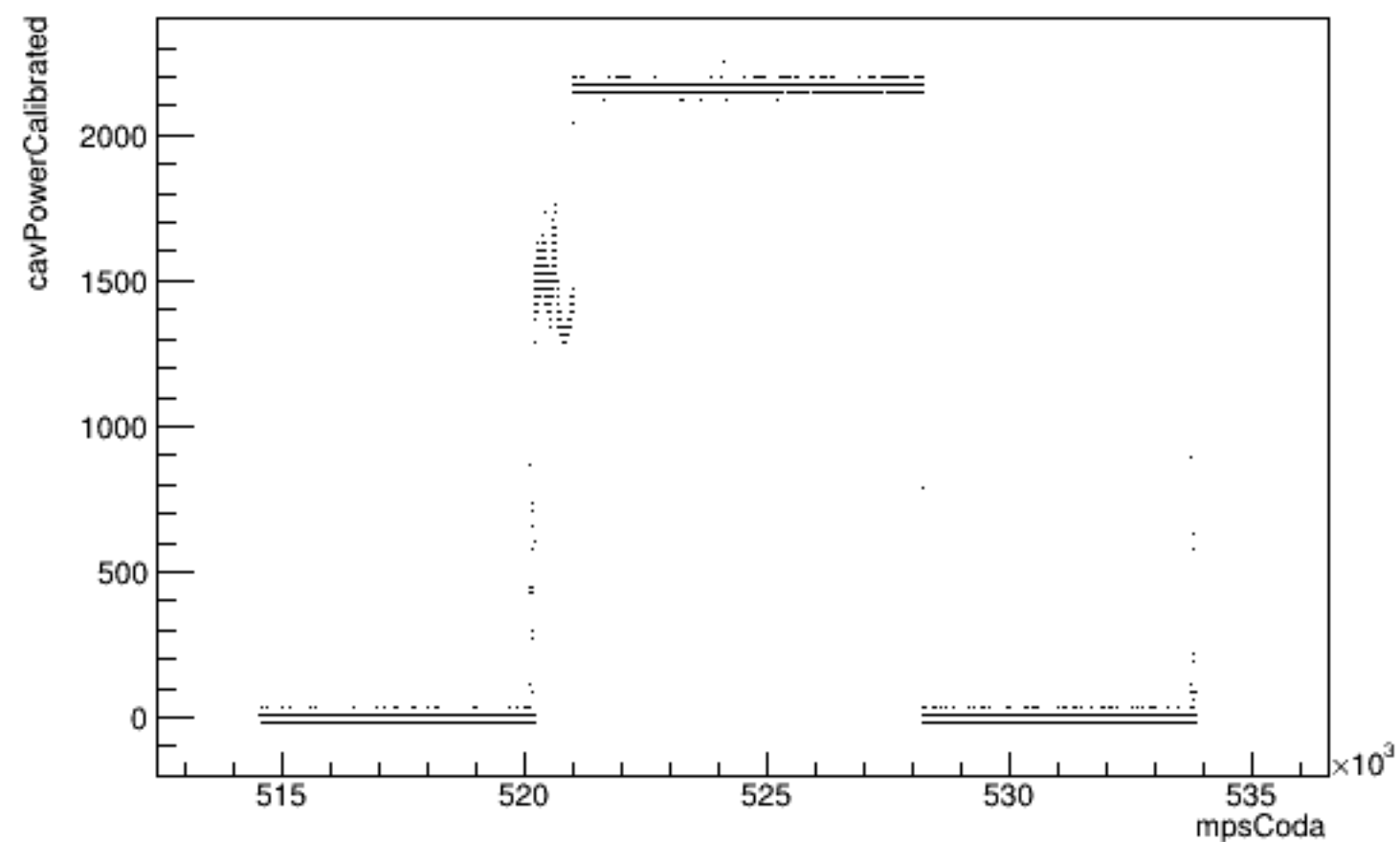
laserState:mpsCoda {mpsCoda>=514557 && mpsCoda<=533824}



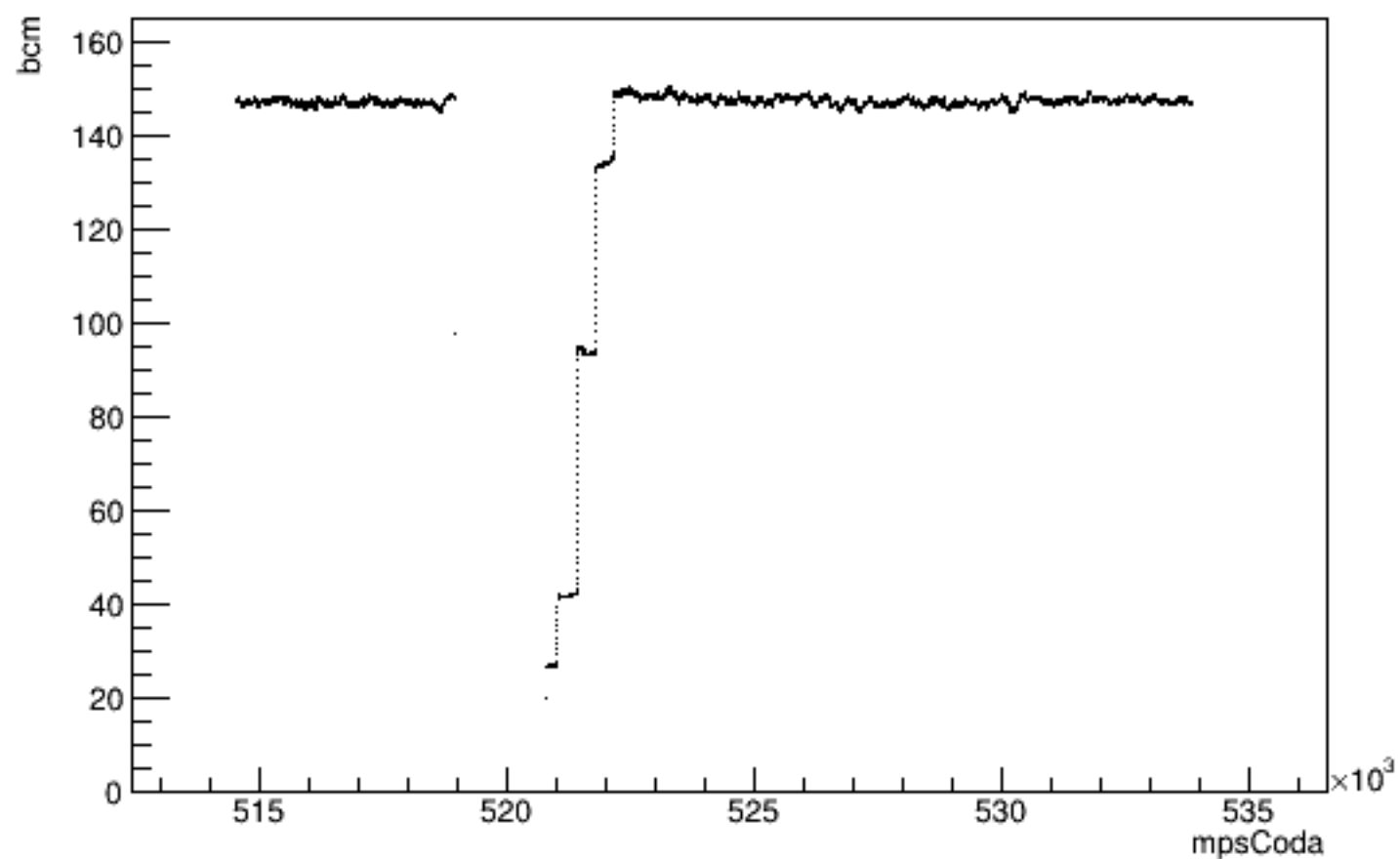
beamState + 1:mpsCoda {mpsCoda>=514557 && mpsCoda<=533824}



cavPowerCalibrated:mpsCoda {mpsCoda>=514557 && mpsCoda<=533824}



bcm:mpsCoda {mpsCoda>=514557 && mpsCoda<=533824}



Cycle 22, Diffs

Entries: 1400

Mean: -0.0012 +/- 0.0011

Std Dev: 0.0420 +/- 0.0008

Entries: 1900

Mean: -0.0009 +/- 0.0010

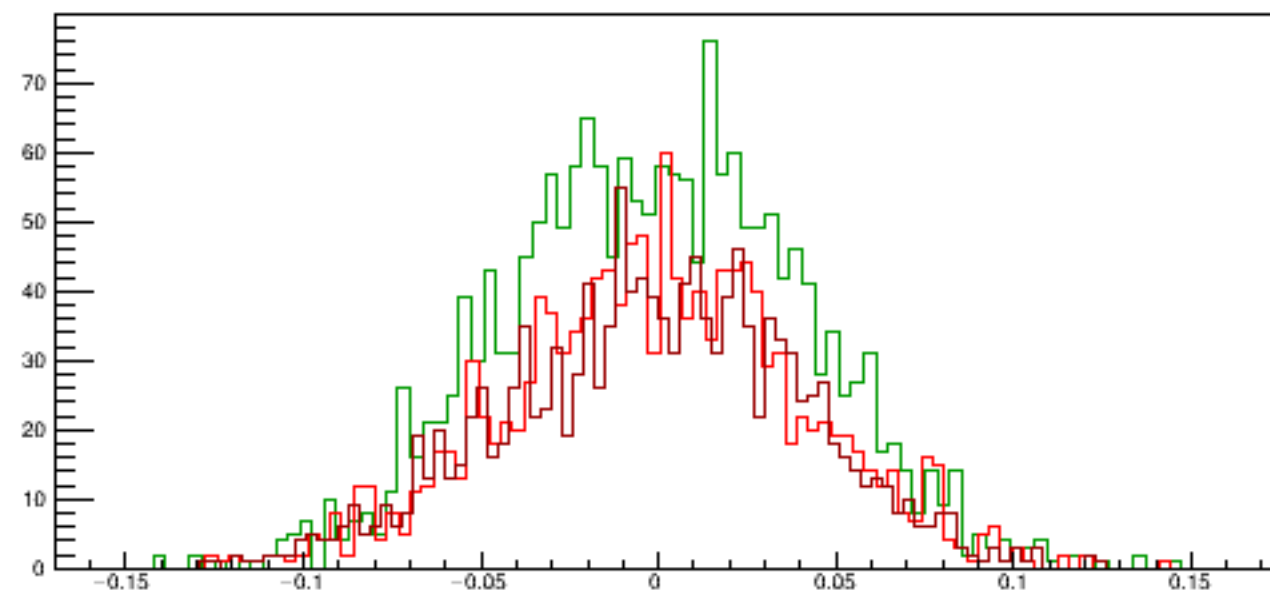
Std Dev: 0.0424 +/- 0.0007

Entries: 1392

Mean: -0.0016 +/- 0.0011

Std Dev: 0.0419 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 22, Sums

Entries: 1400

Mean: 1.2666 +/- 0.0038

Std Dev: 0.1428 +/- 0.0027

Entries: 1900

Mean: 1.2840 +/- 0.0034

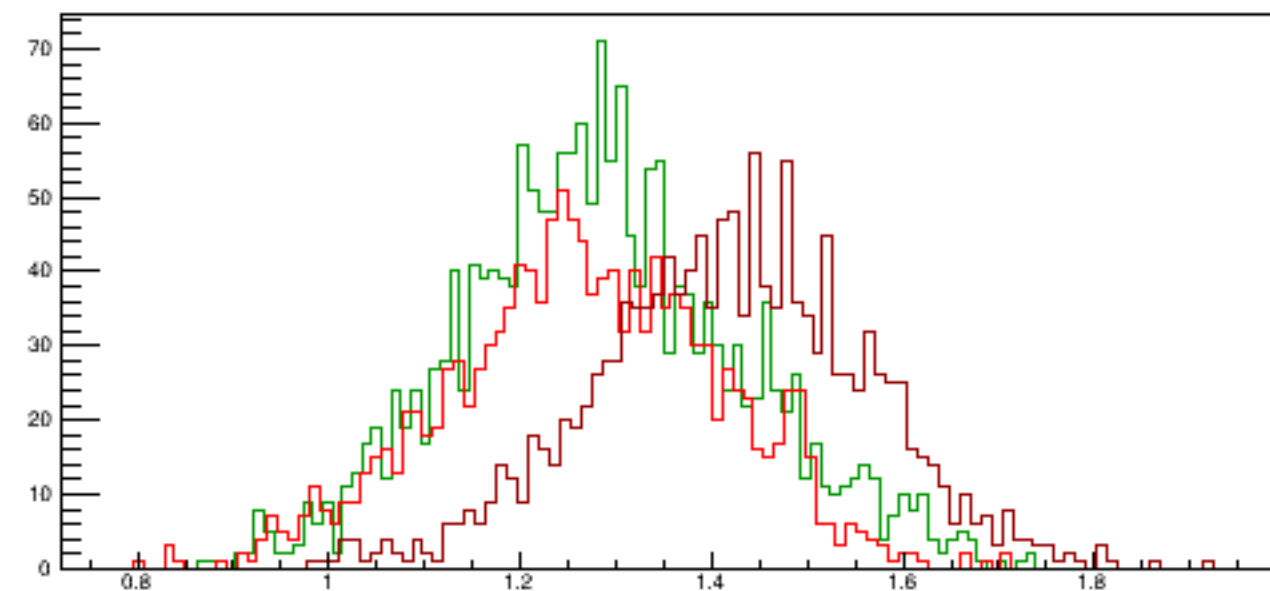
Std Dev: 0.1486 +/- 0.0024

Entries: 1392

Mean: 1.4184 +/- 0.0038

Std Dev: 0.1422 +/- 0.0027

Run 6253 quartetwise, Sums



Cycle 22, Asyms

Entries: 1400

Mean: 0.0198 +/- 0.0192

Std Dev: 0.7190 +/- 0.0136

Entries: 1900

Mean: -0.3567 +/- 0.2610

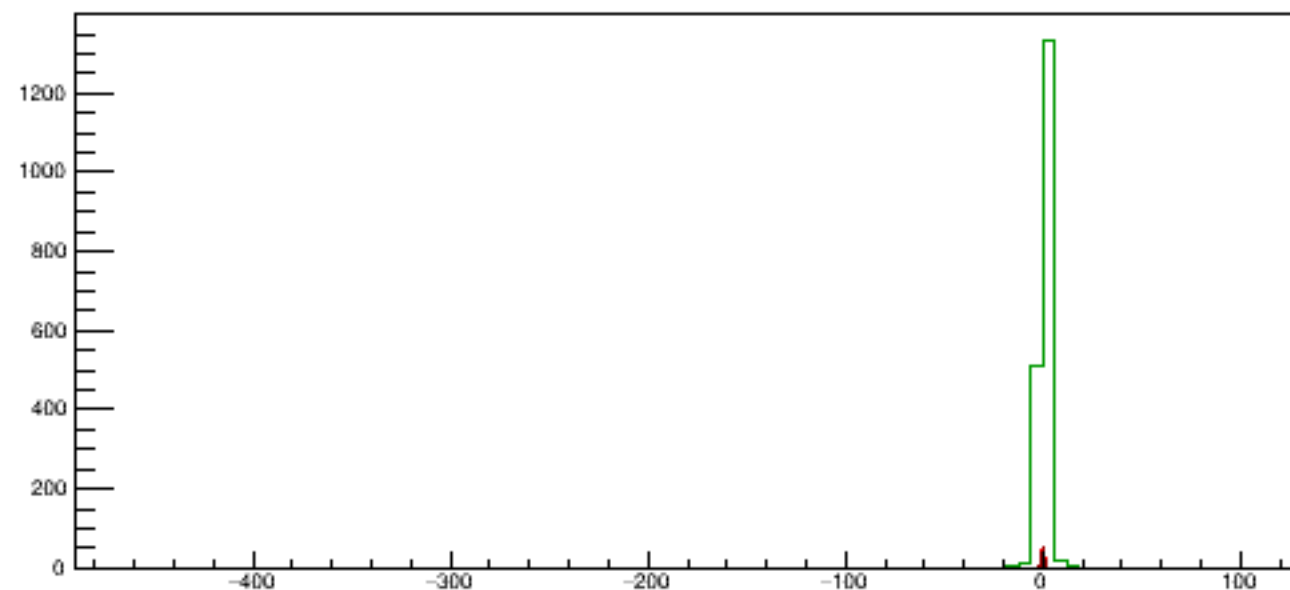
Std Dev: 11.3784 +/- 0.1846

Entries: 1392

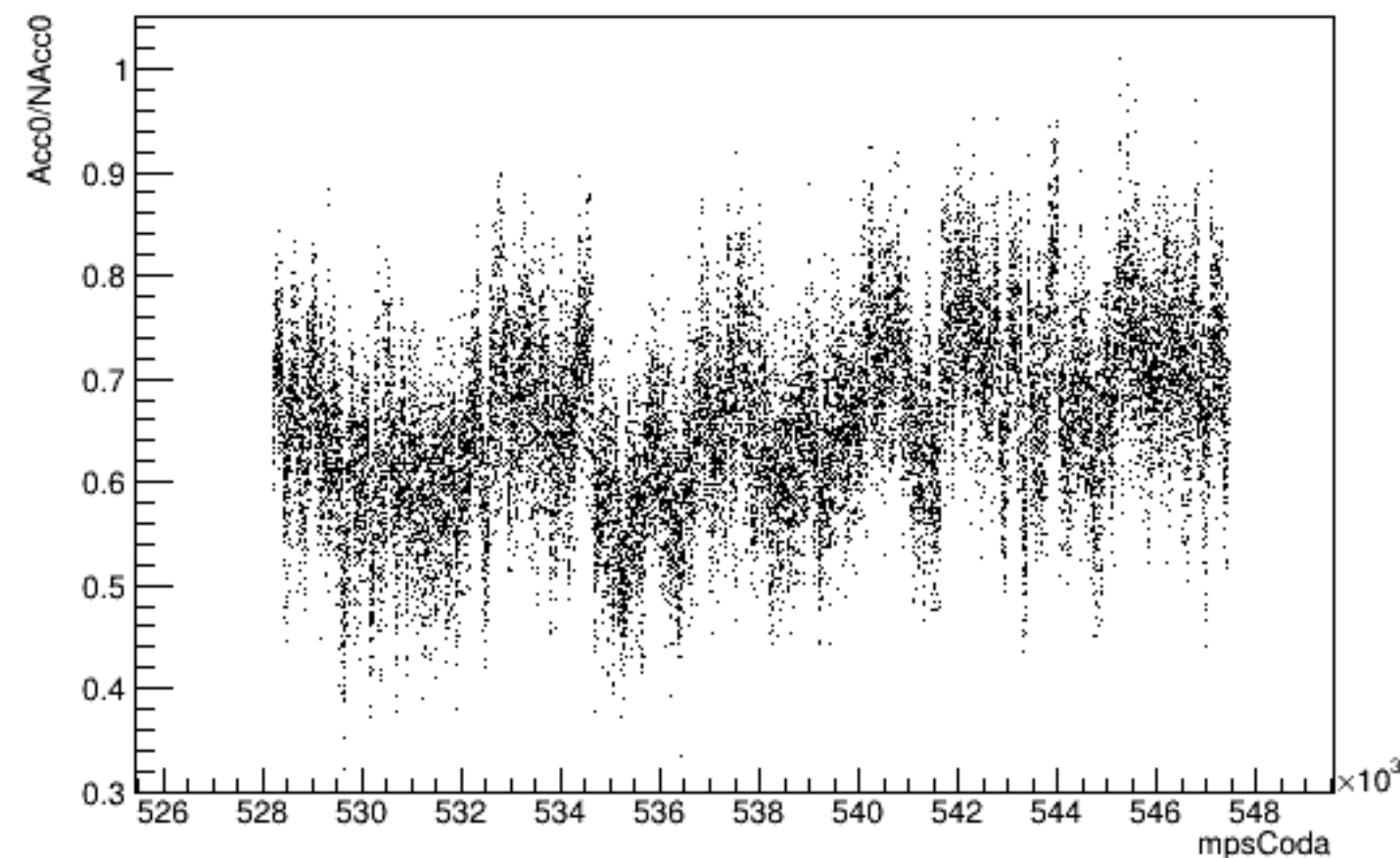
Mean: 0.0271 +/- 0.0192

Std Dev: 0.7171 +/- 0.0136

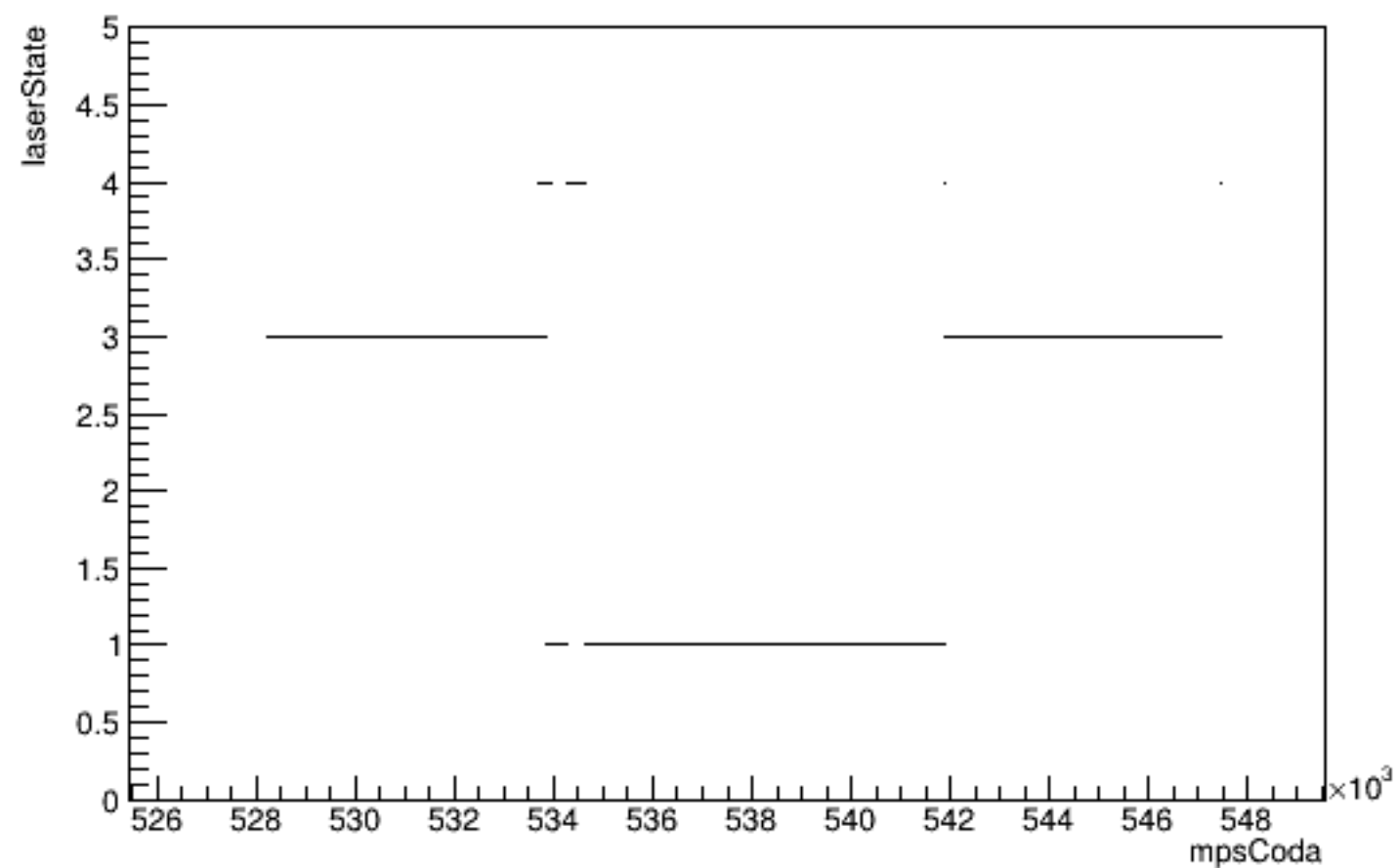
Run 6253 quartetwise, Asyms



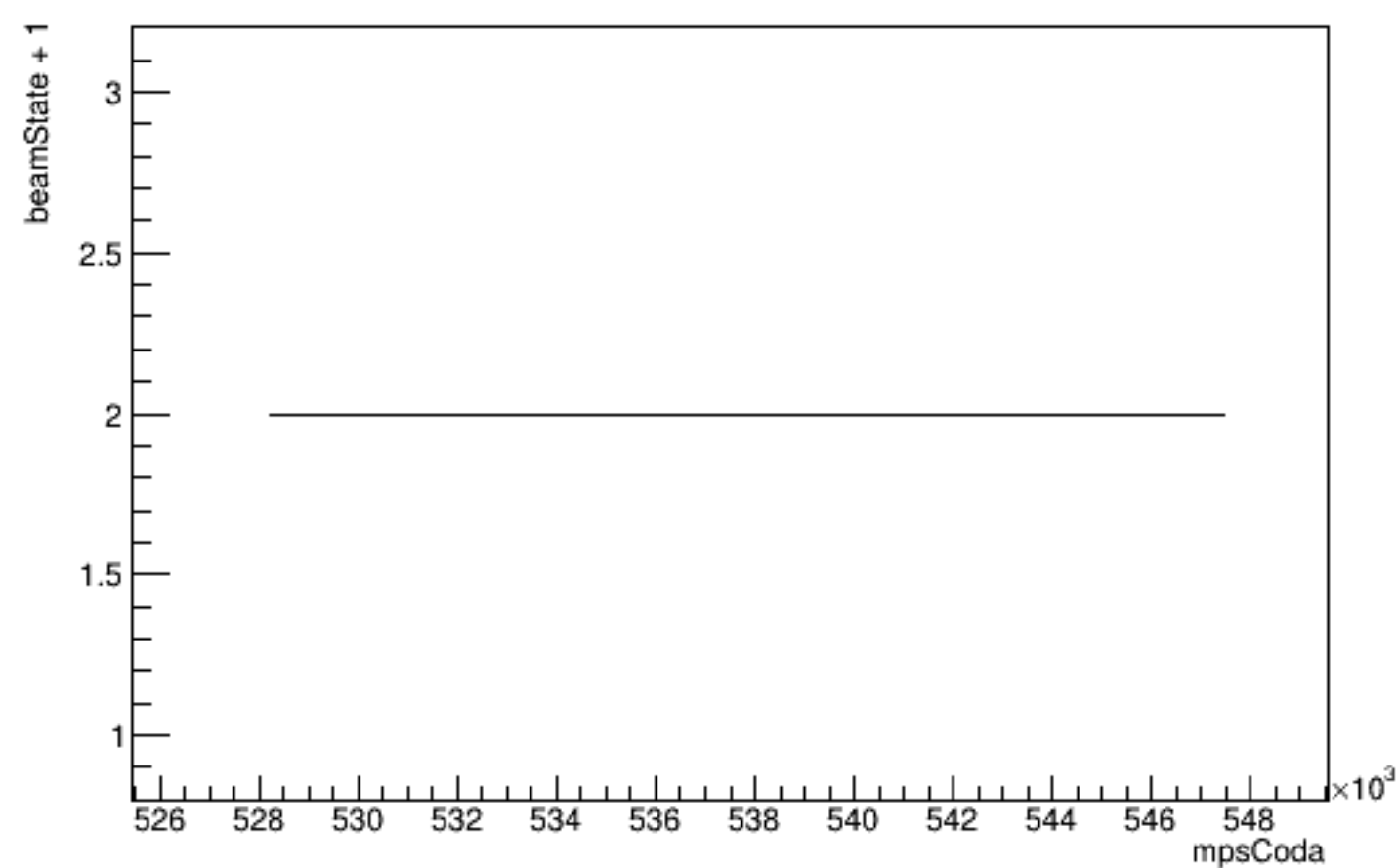
Acc0/NAcc0:mpsCoda (mpsCoda>=528205 && mpsCoda<=547452 && beamState==1)



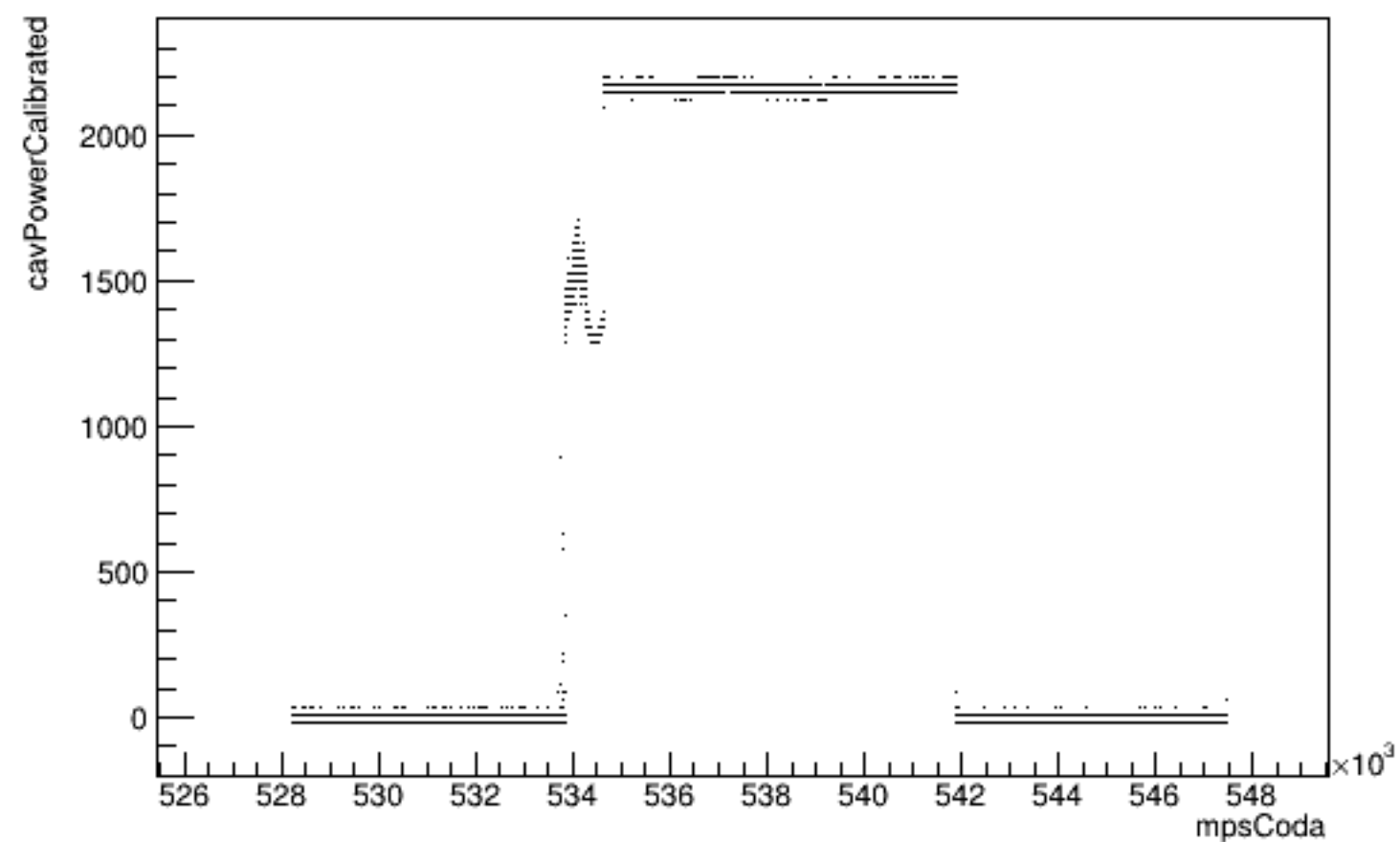
laserState:mpsCoda {mpsCoda>=528205 && mpsCoda<=547452}



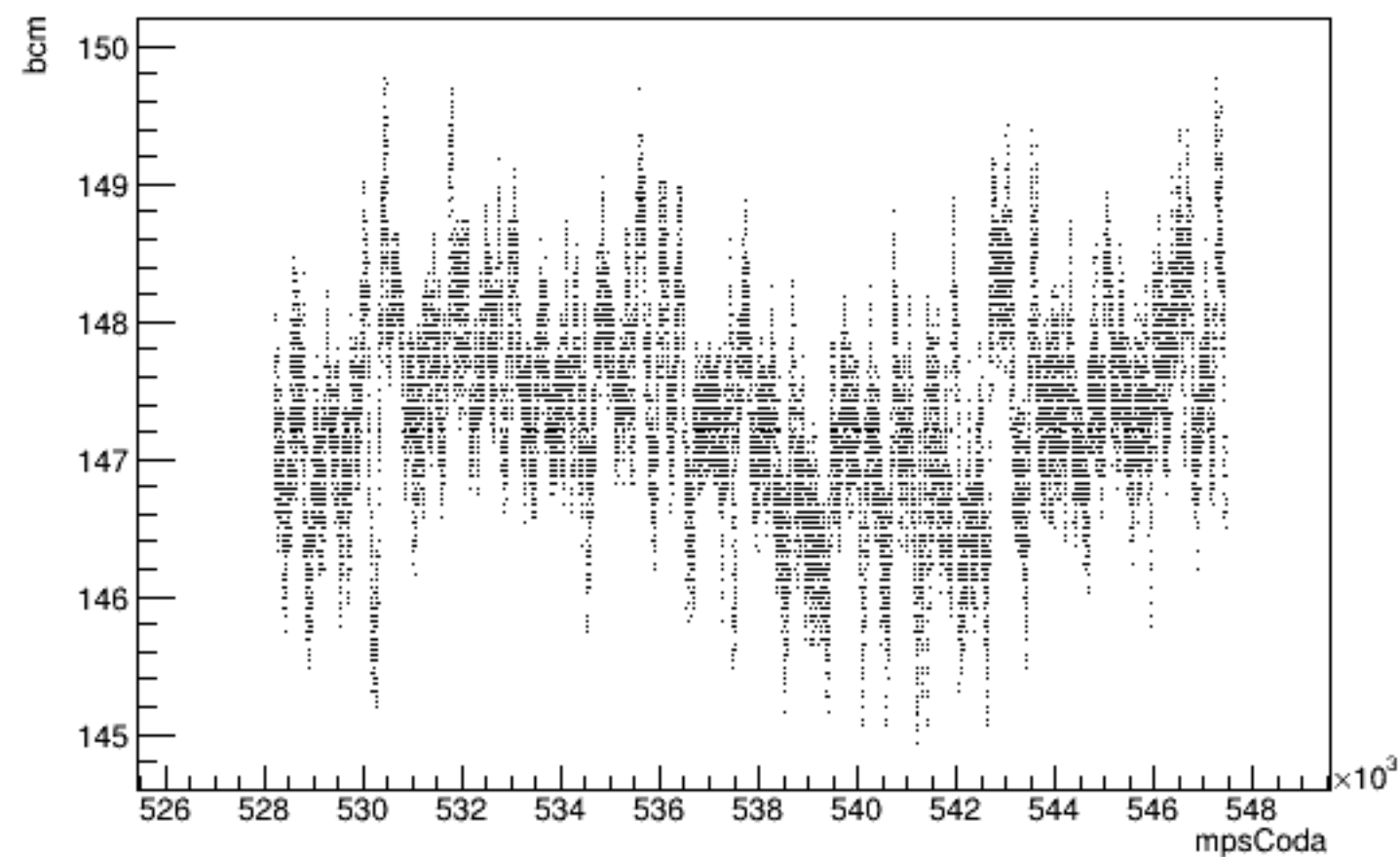
beamState + 1:mpsCoda {mpsCoda>=528205 && mpsCoda<=547452}



cavPowerCalibrated:mpsCoda {mpsCoda>=528205 && mpsCoda<=547452}



bcm:mpsCoda {mpsCoda>=528205 && mpsCoda<=547452}



Cycle 23, Diffs

Entries: 1390

Mean: -0.0017 +/- 0.0012

Std Dev: 0.0434 +/- 0.0008

Entries: 1022

Mean: -0.0017 +/- 0.0013

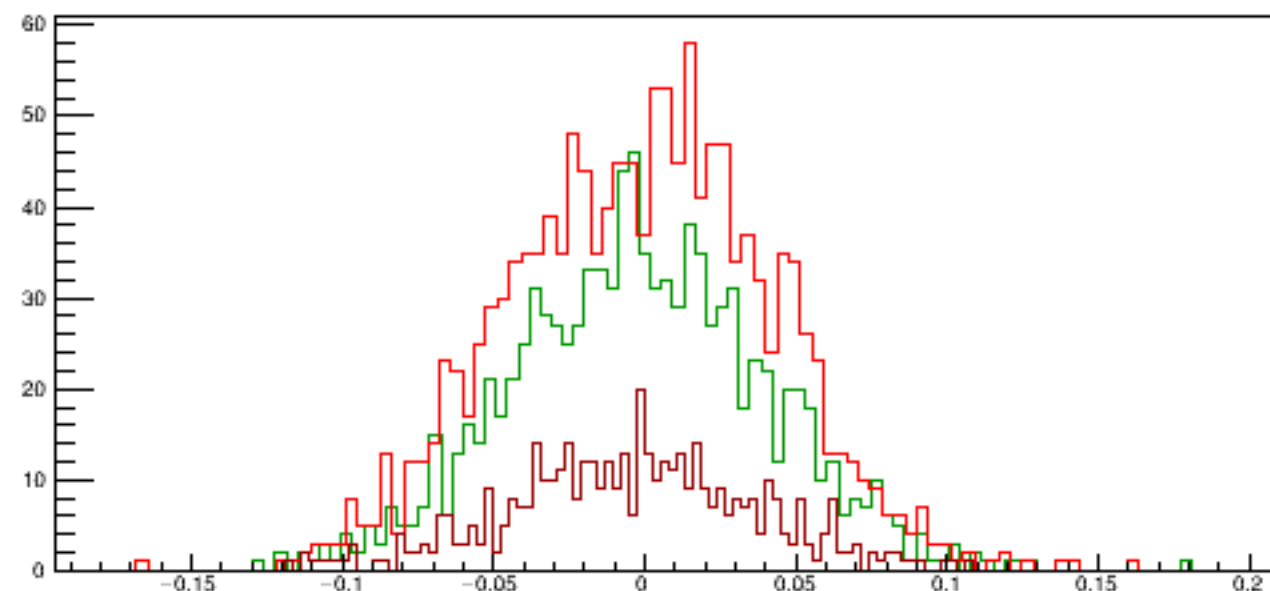
Std Dev: 0.0423 +/- 0.0009

Entries: 459

Mean: -0.0044 +/- 0.0019

Std Dev: 0.0411 +/- 0.0014

Run 6253 quartetwise, Diffs



Cycle 23, Sums

Entries: 1390

Mean: 1.3499 +/- 0.0037

Std Dev: 0.1361 +/- 0.0026

Entries: 1022

Mean: 1.3184 +/- 0.0049

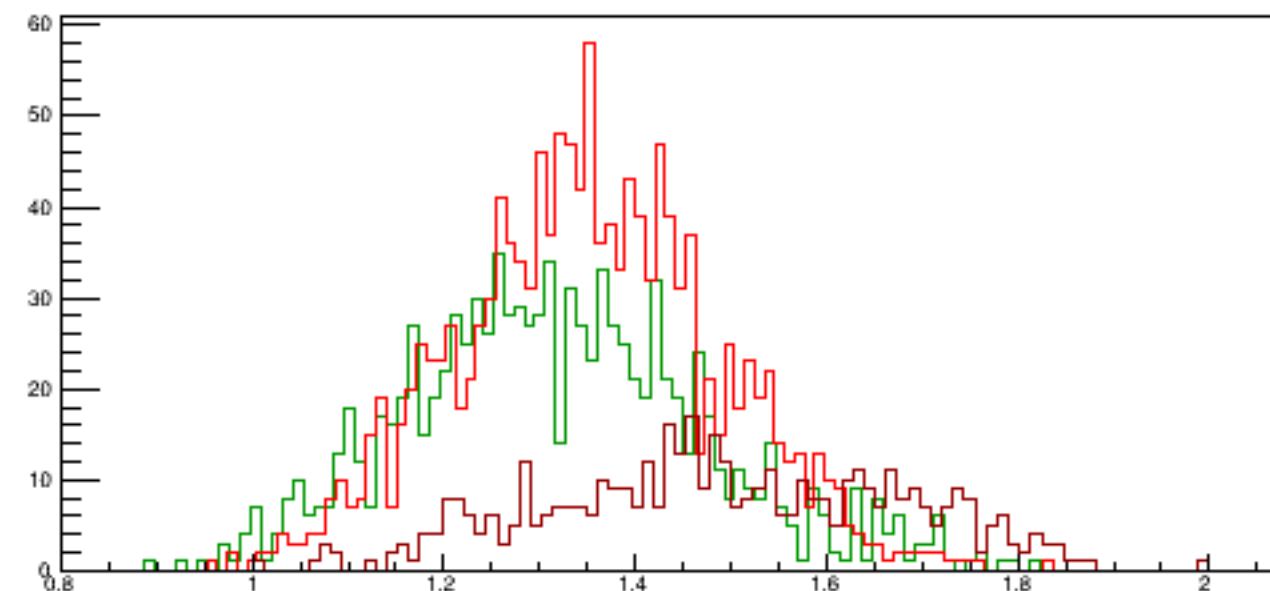
Std Dev: 0.1577 +/- 0.0035

Entries: 459

Mean: 1.4919 +/- 0.0085

Std Dev: 0.1821 +/- 0.0060

Run 6253 quartetwise, Sums



Cycle 23, Asyms

Entries: 1390

Mean: 0.0167 +/- 0.0114

Std Dev: 0.4233 +/- 0.0080

Entries: 1022

Mean: -0.2279 +/- 0.1705

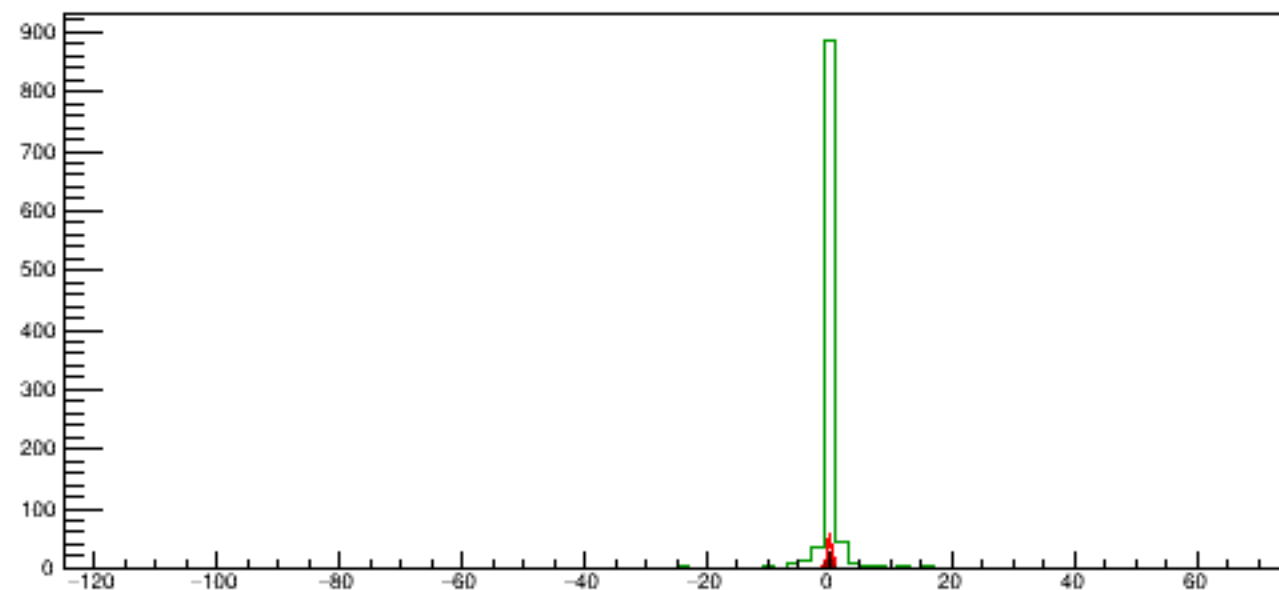
Std Dev: 5.4521 +/- 0.1206

Entries: 459

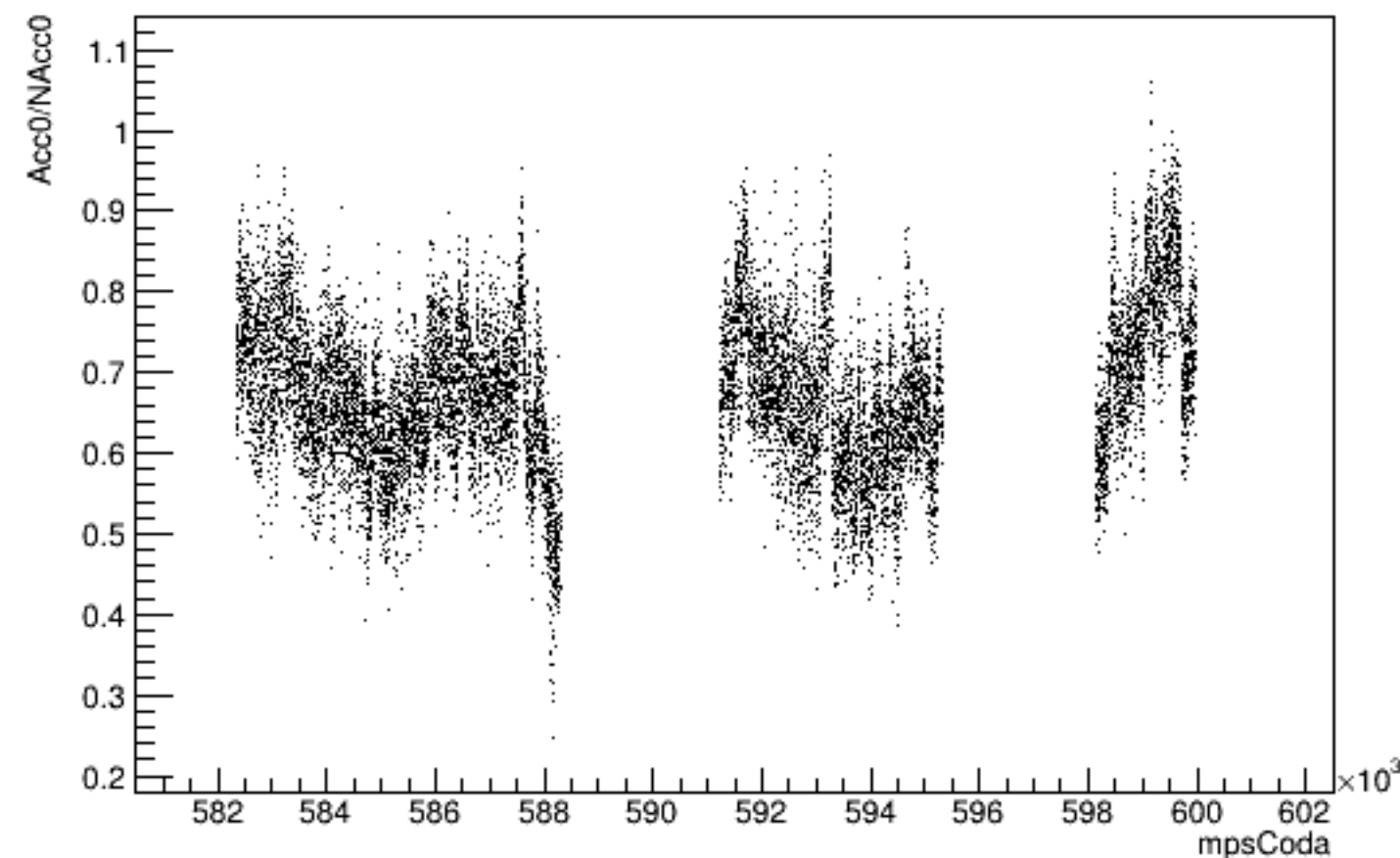
Mean: 0.0425 +/- 0.0187

Std Dev: 0.4007 +/- 0.0132

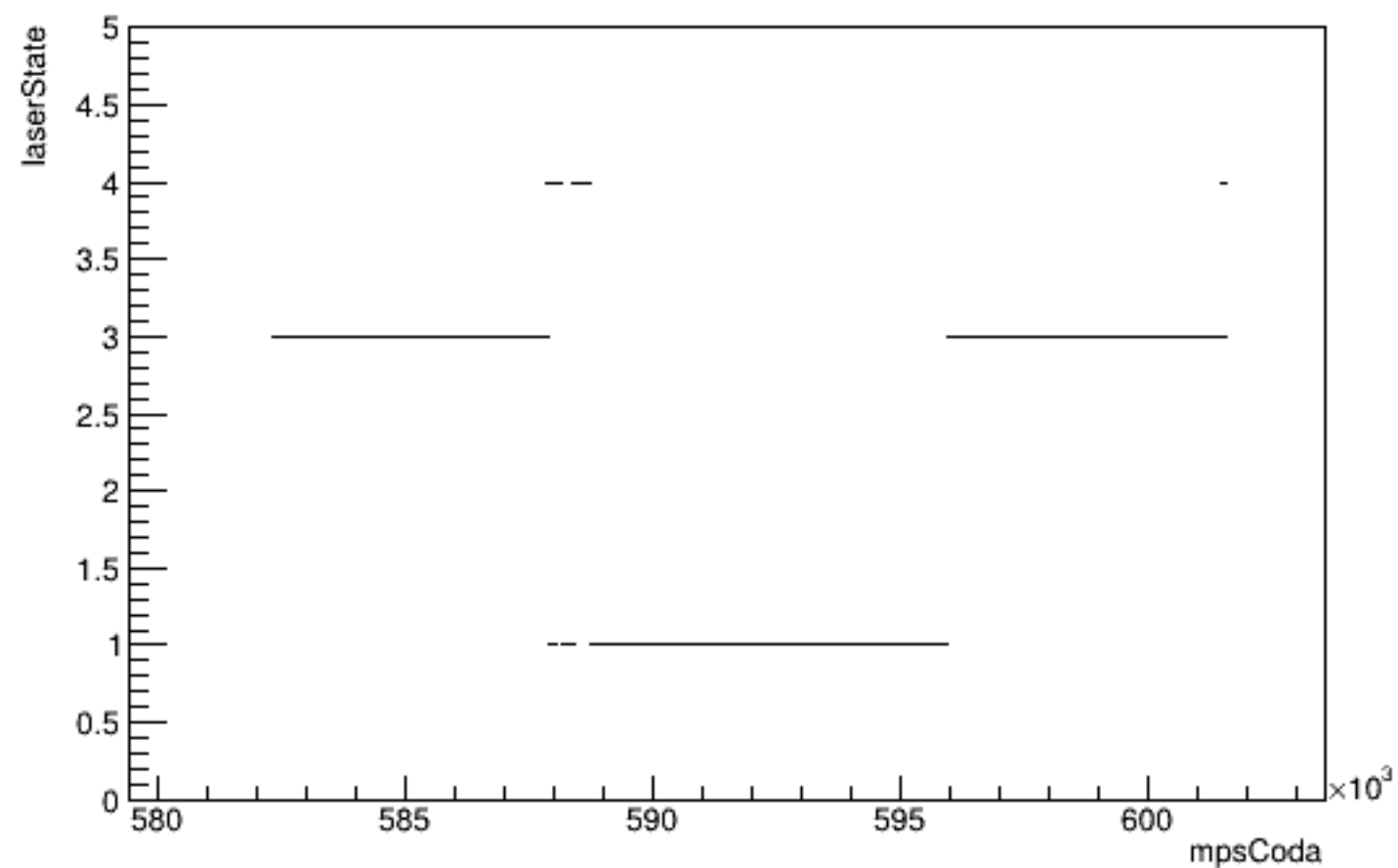
Run 6253 quartetwise, Asyms



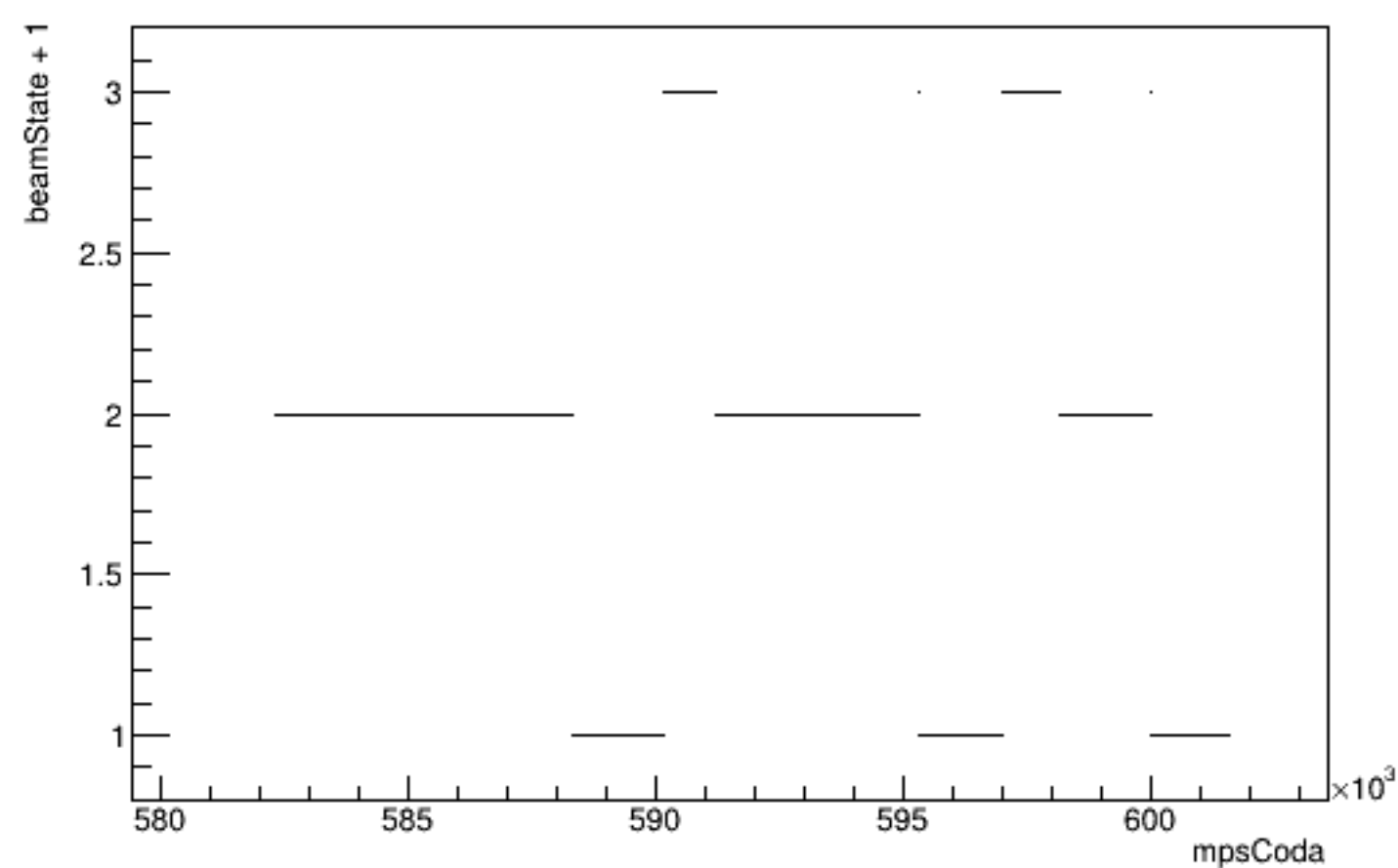
Acc0/NAcc0:mpsCoda (mpsCoda>=582333 && mpsCoda<=601568 && beamState==1)



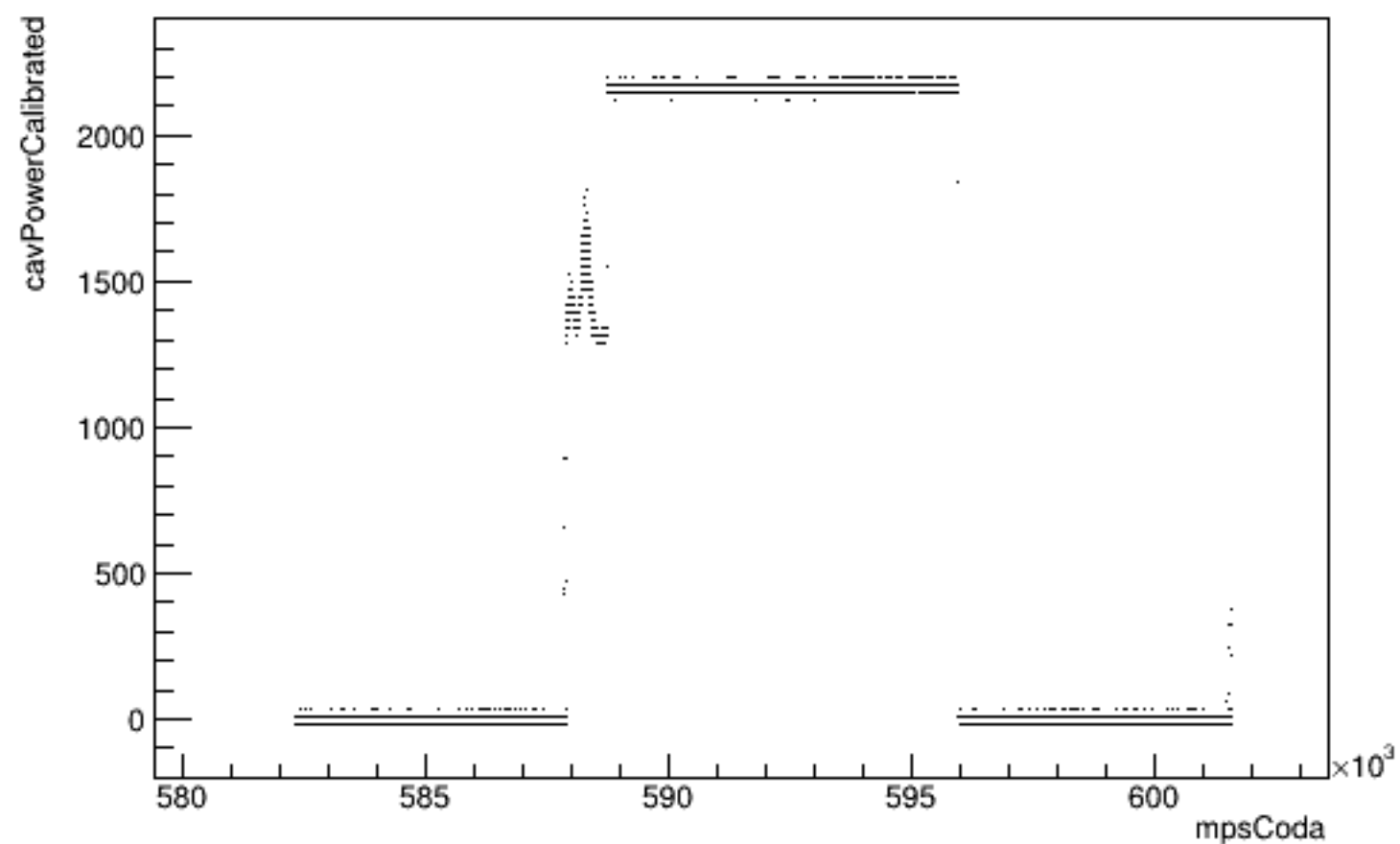
laserState:mpsCoda {mpsCoda>=582333 && mpsCoda<=601568}



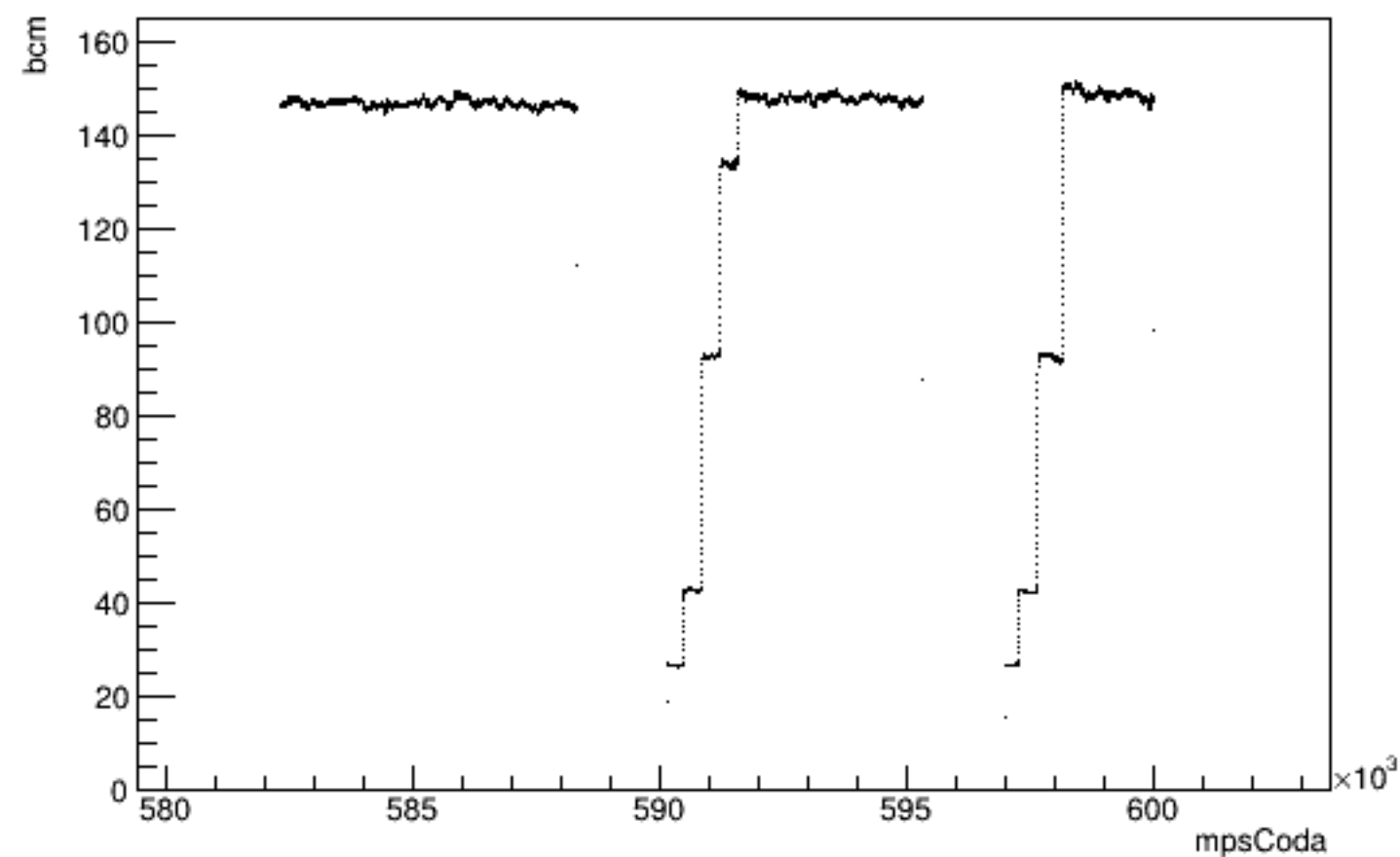
beamState + 1:mpsCoda {mpsCoda>=582333 && mpsCoda<=601568}



cavPowerCalibrated:mpsCoda {mpsCoda>=582333 && mpsCoda<=601568}



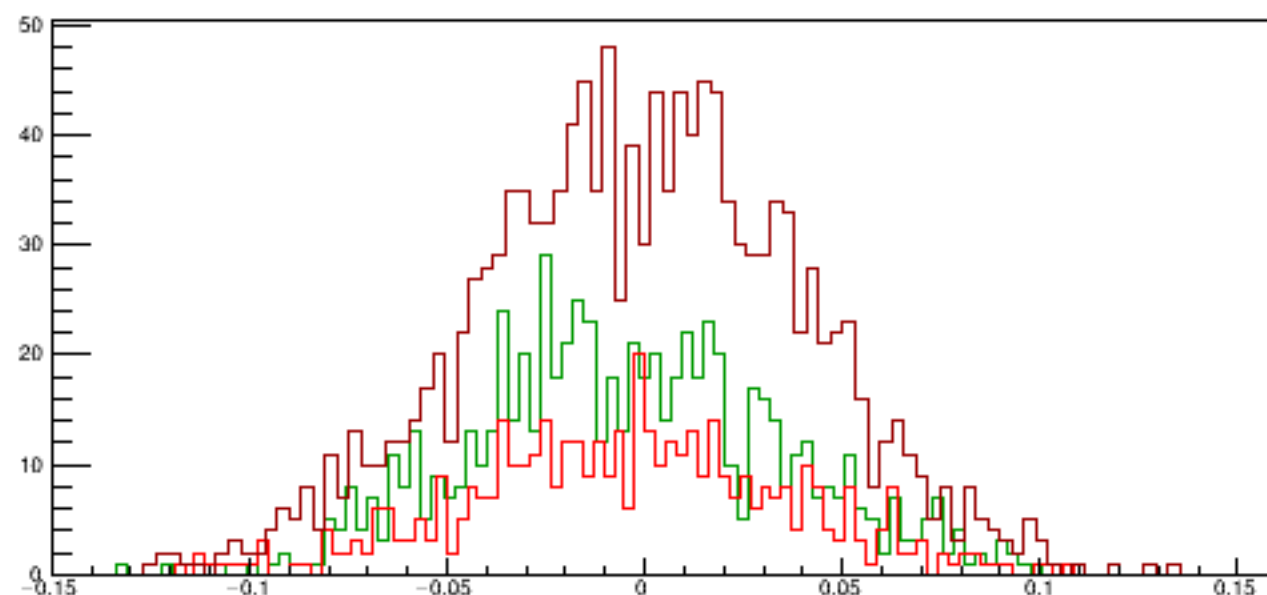
bcm:mpsCoda {mpsCoda>=582333 && mpsCoda<=601568}



Cycle 24, Diffs

Entries: 459	Entries: 727	Entries: 1397
Mean: -0.0044 +/- 0.0019	Mean: -0.0046 +/- 0.0015	Mean: -0.0015 +/- 0.0011
Std Dev: 0.0411 +/- 0.0014	Std Dev: 0.0399 +/- 0.0010	Std Dev: 0.0416 +/- 0.0008

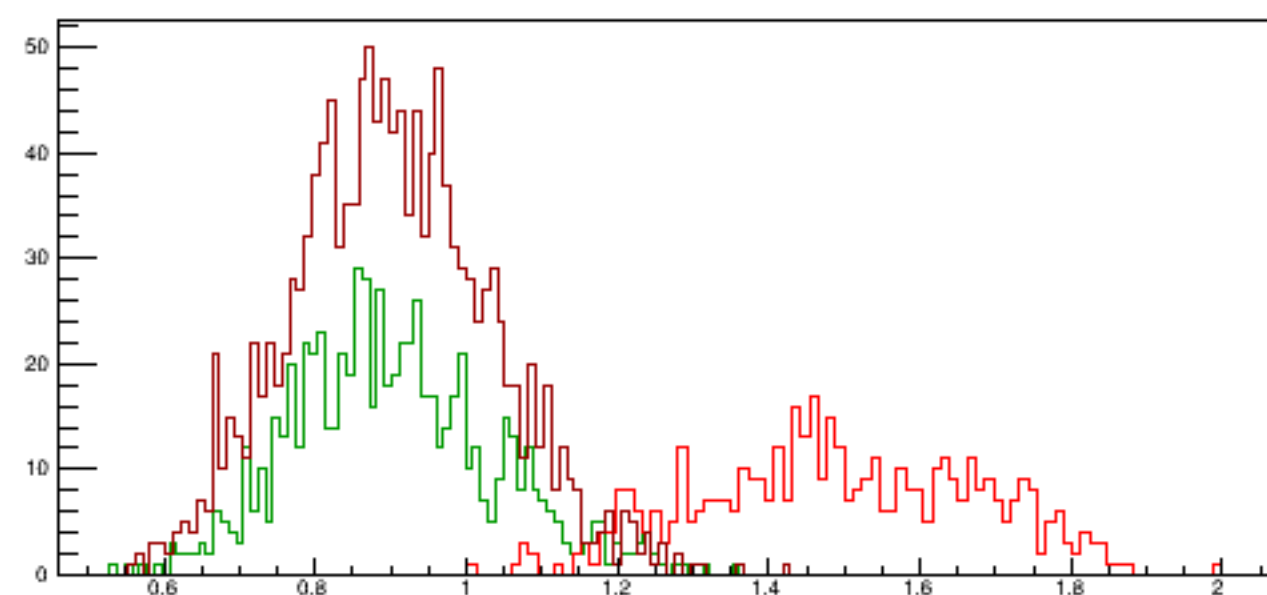
Run 6253 quartetwise, Diffs



Cycle 24, Sums

Entries: 459	Entries: 727	Entries: 1397
Mean: 1.4919 +/- 0.0085	Mean: 0.9038 +/- 0.0050	Mean: 0.9017 +/- 0.0035
Std Dev: 0.1821 +/- 0.0060	Std Dev: 0.1345 +/- 0.0035	Std Dev: 0.1322 +/- 0.0025

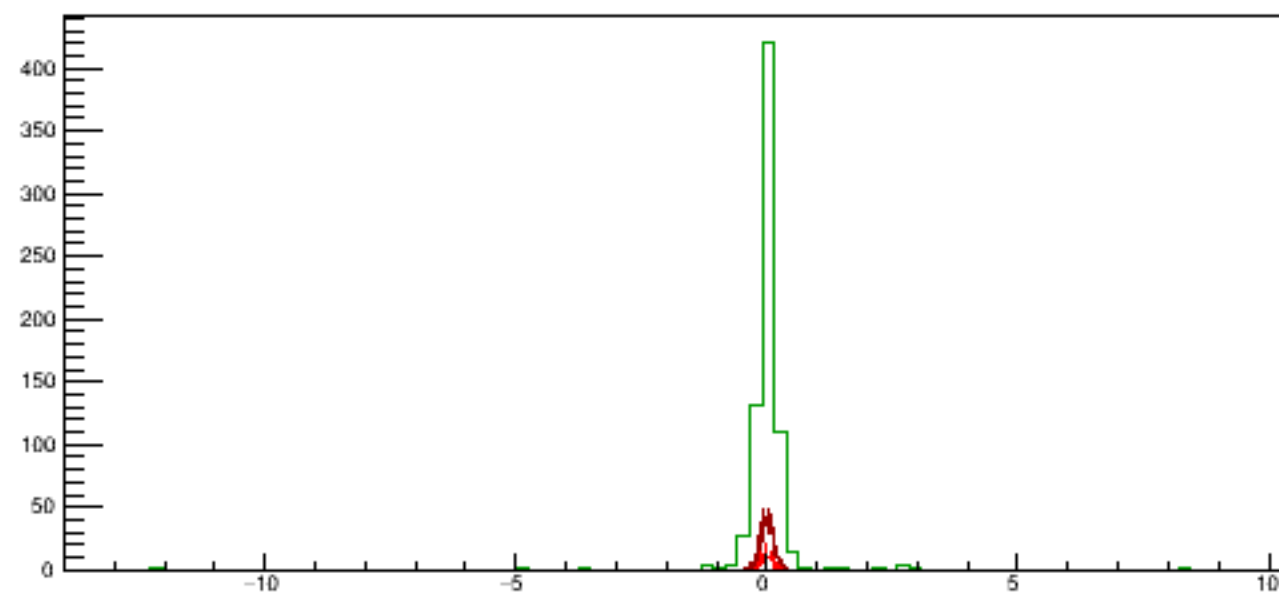
Run 6253 quartetwise, Sums



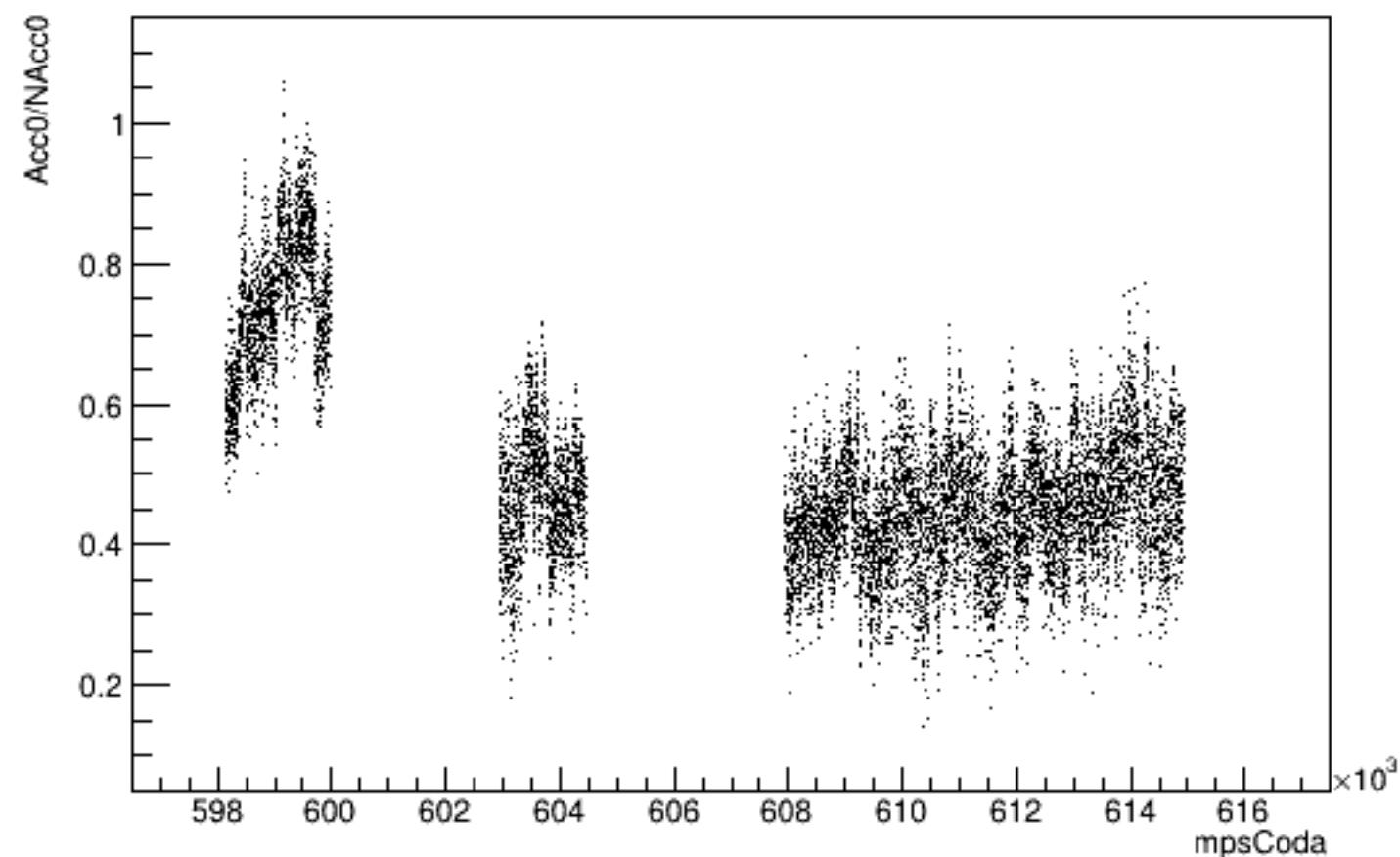
Cycle 24, Asyms

Entries: 459	Entries: 727	Entries: 1397
Mean: 0.0149 +/- 0.0065	Mean: 0.0110 +/- 0.0248	Mean: 0.0052 +/- 0.0038
Std Dev: 0.1402 +/- 0.0046	Std Dev: 0.6675 +/- 0.0175	Std Dev: 0.1420 +/- 0.0027

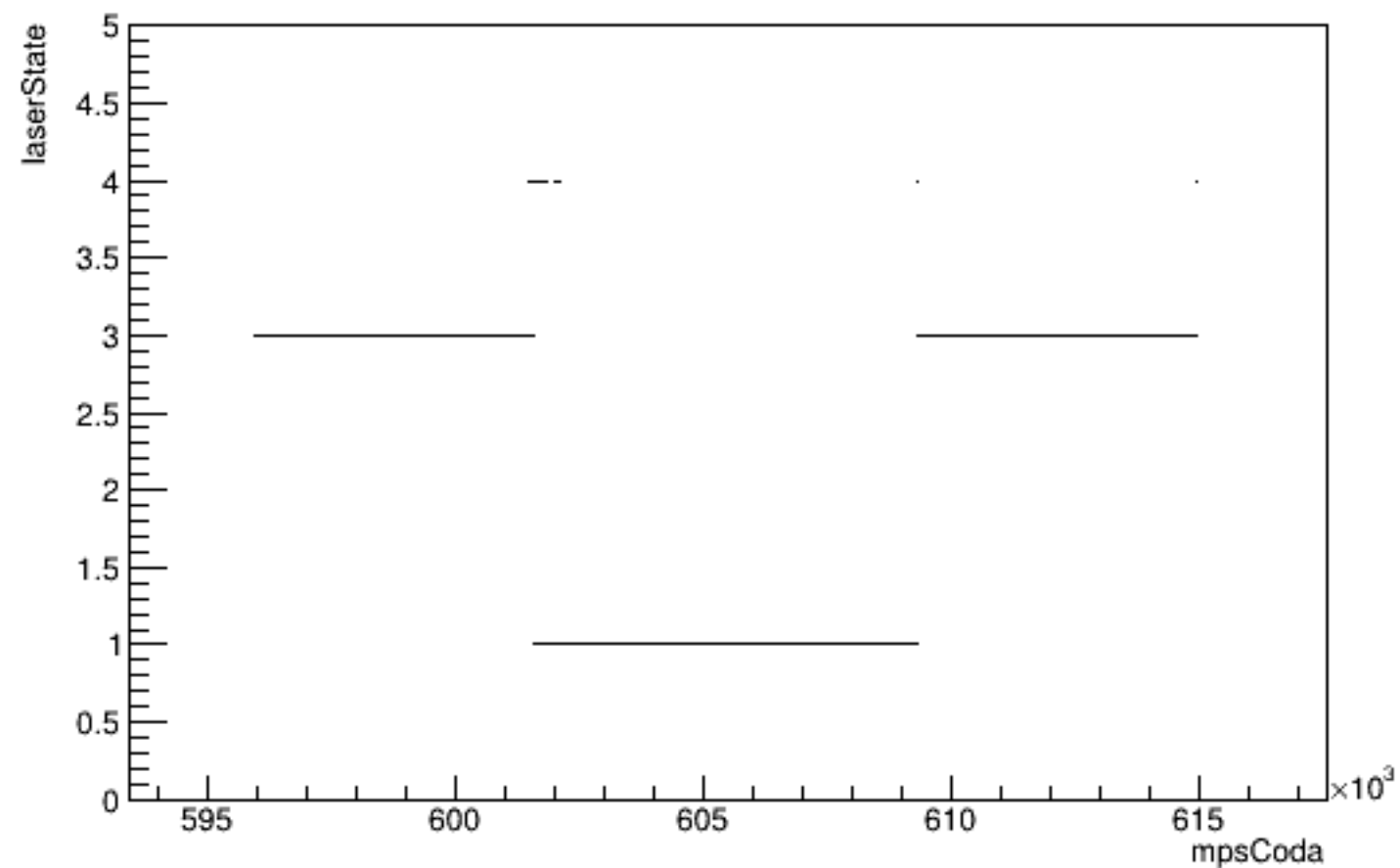
Run 6253 quartetwise, Asyms



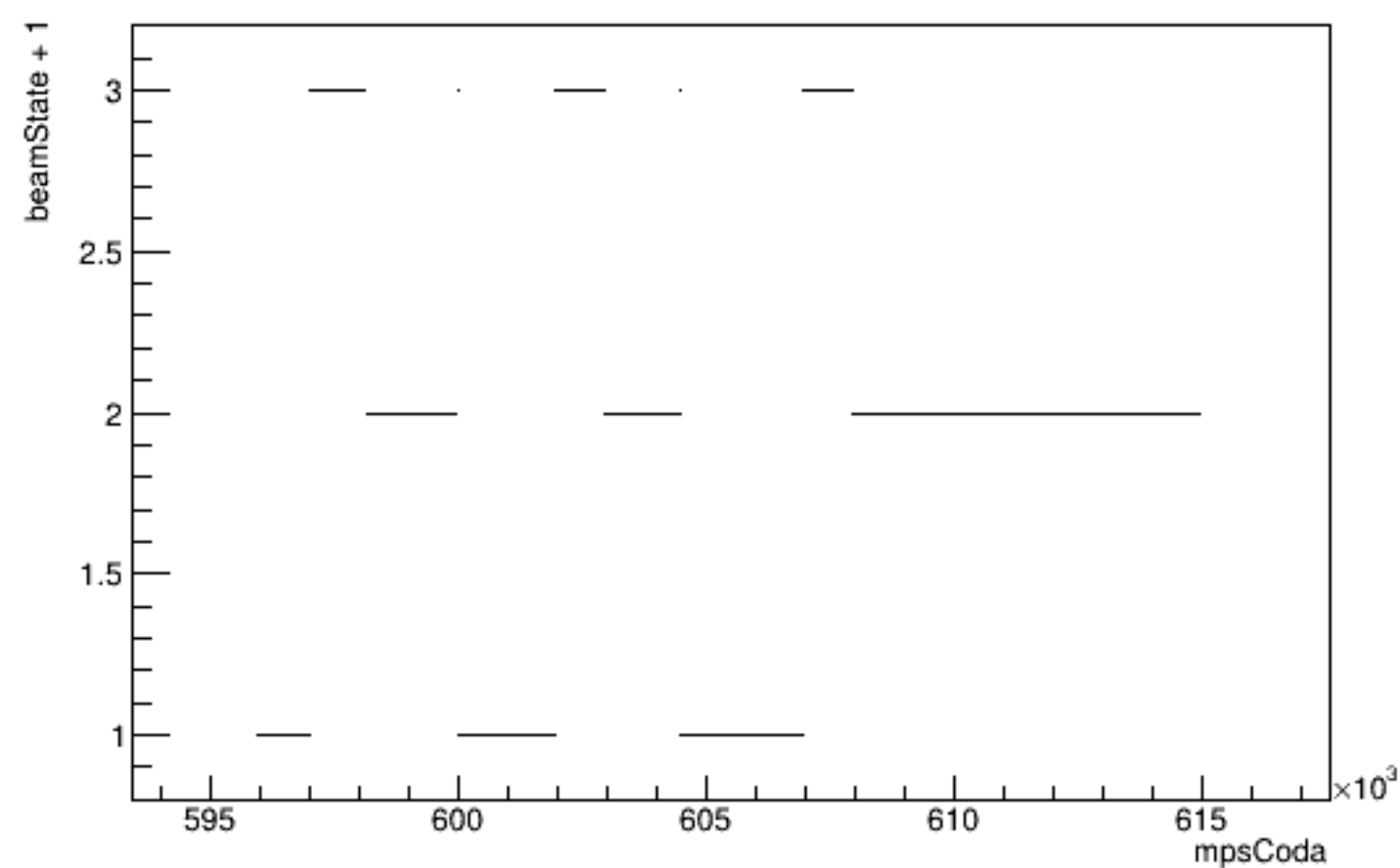
Acc0/NAcc0:mpsCoda (mpsCoda>=595949 && mpsCoda<=614924 && beamState==1)



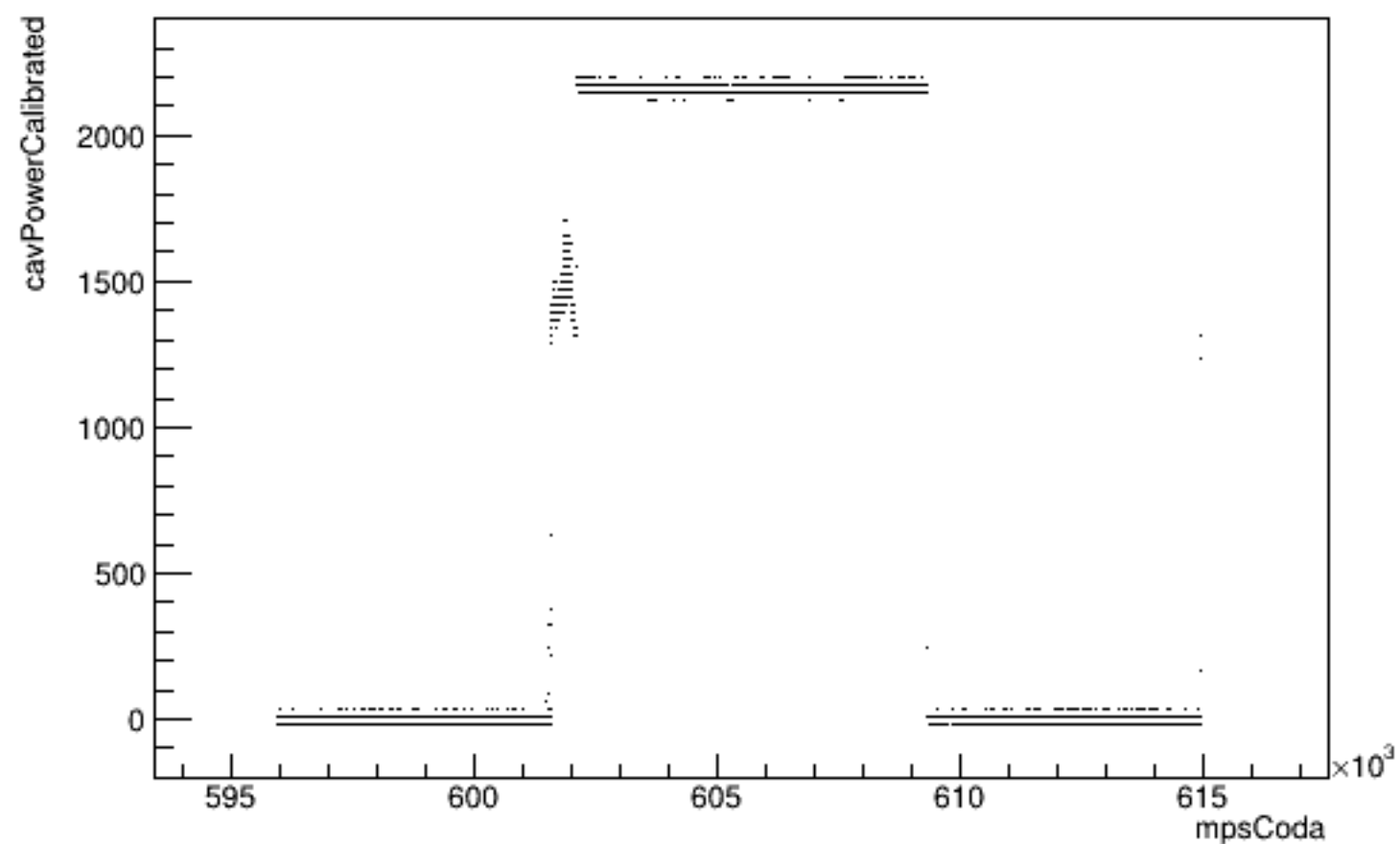
laserState:mpsCoda {mpsCoda>=595949 && mpsCoda<=614924}



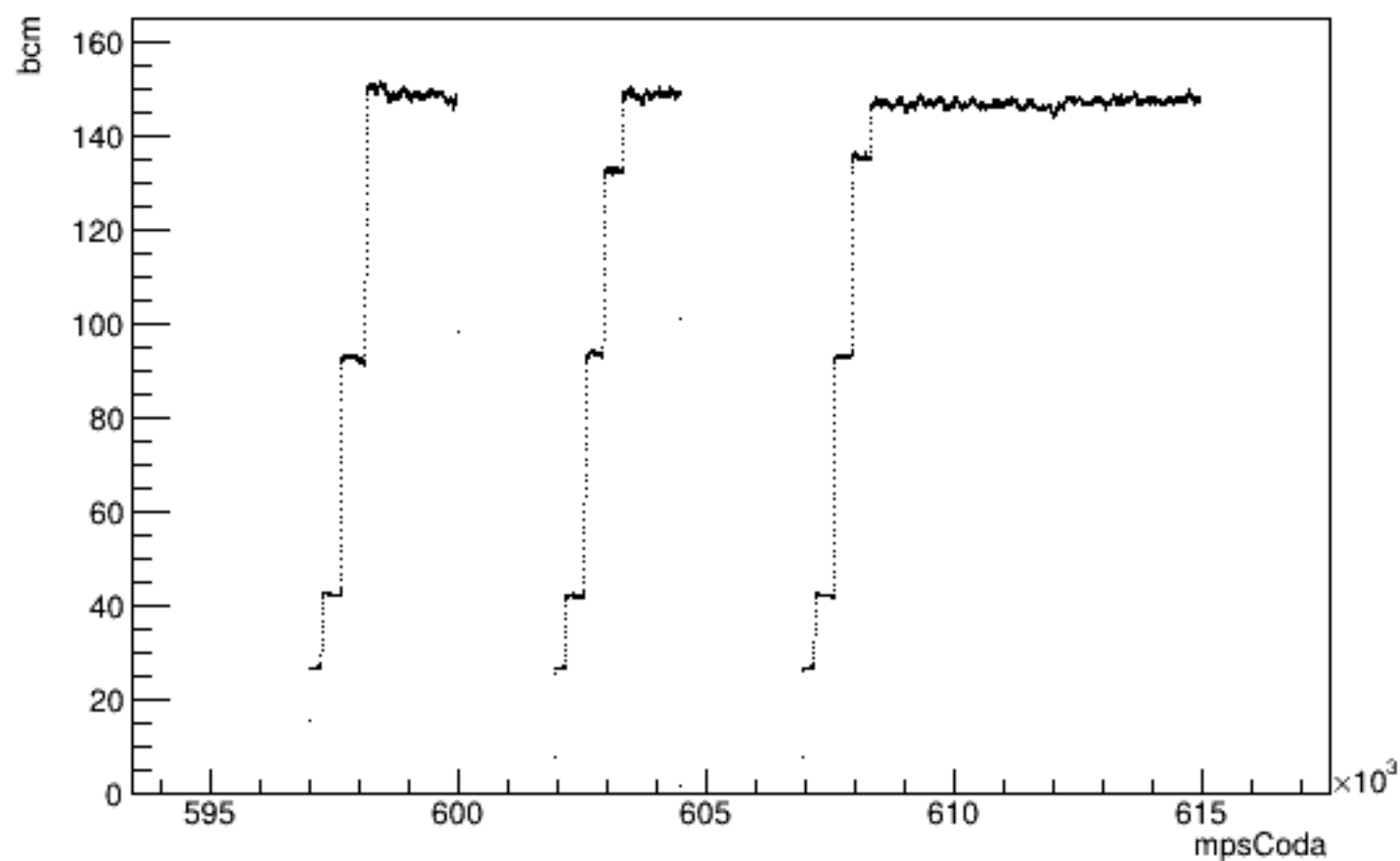
beamState + 1:mpsCoda {mpsCoda>=595949 && mpsCoda<=614924}



cavPowerCalibrated:mpsCoda {mpsCoda>=595949 && mpsCoda<=614924}



bcm:mpsCoda {mpsCoda>=595949 && mpsCoda<=614924}



Cycle 25, Diffs

Entries: 1397

Mean: -0.0015 +/- 0.0011

Std Dev: 0.0416 +/- 0.0008

Entries: 231

Mean: -0.0018 +/- 0.0029

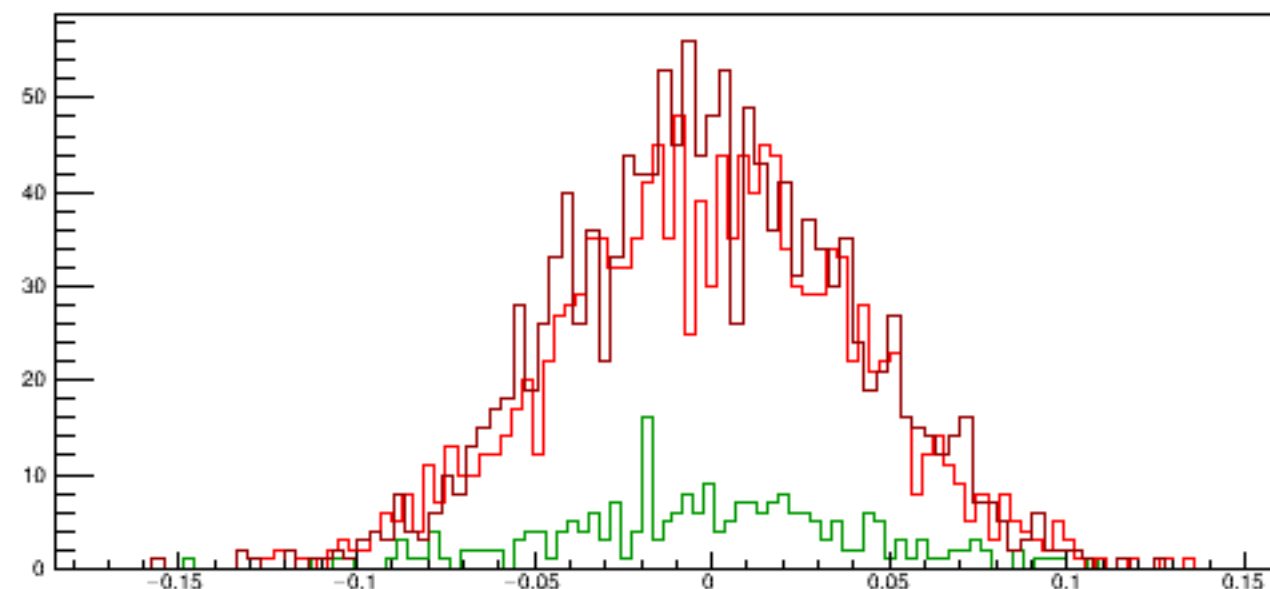
Std Dev: 0.0434 +/- 0.0020

Entries: 1392

Mean: -0.0019 +/- 0.0011

Std Dev: 0.0406 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 25, Sums

Entries: 1397

Mean: 0.9017 +/- 0.0035

Std Dev: 0.1322 +/- 0.0025

Entries: 231

Mean: 1.0099 +/- 0.0091

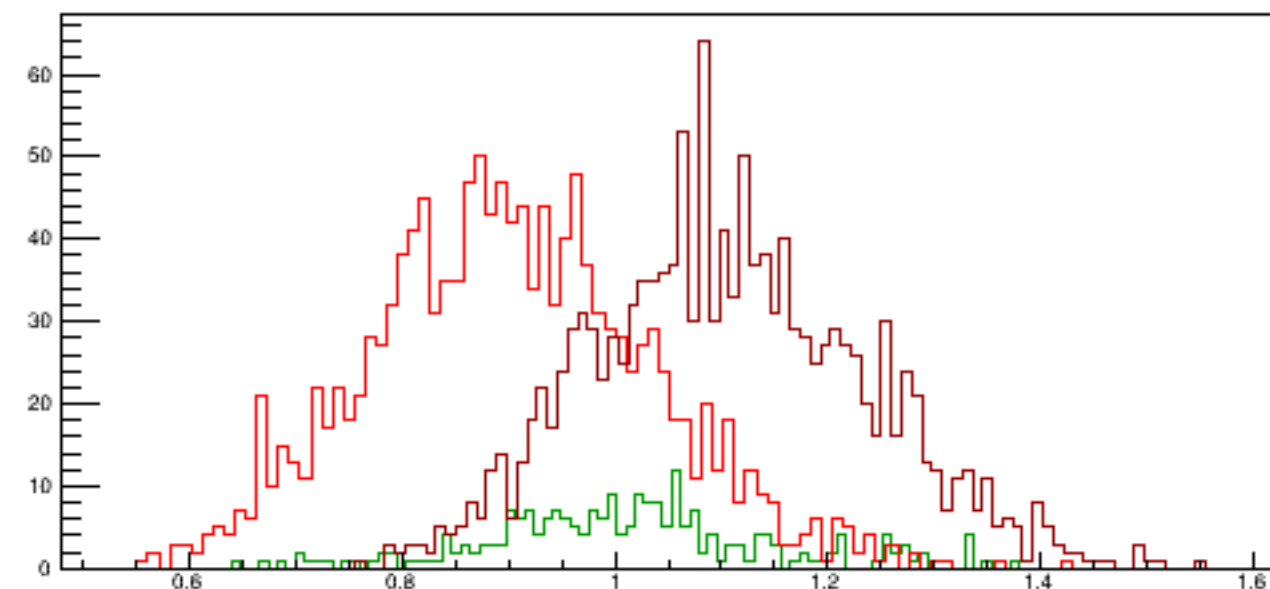
Std Dev: 0.1377 +/- 0.0064

Entries: 1392

Mean: 1.1072 +/- 0.0035

Std Dev: 0.1300 +/- 0.0025

Run 6253 quartetwise, Sums



Cycle 25, Asyms

Entries: 1397

Mean: -0.2810 +/- 0.2054

Std Dev: 7.6776 +/- 0.1452

Entries: 231

Mean: -0.1281 +/- 0.3599

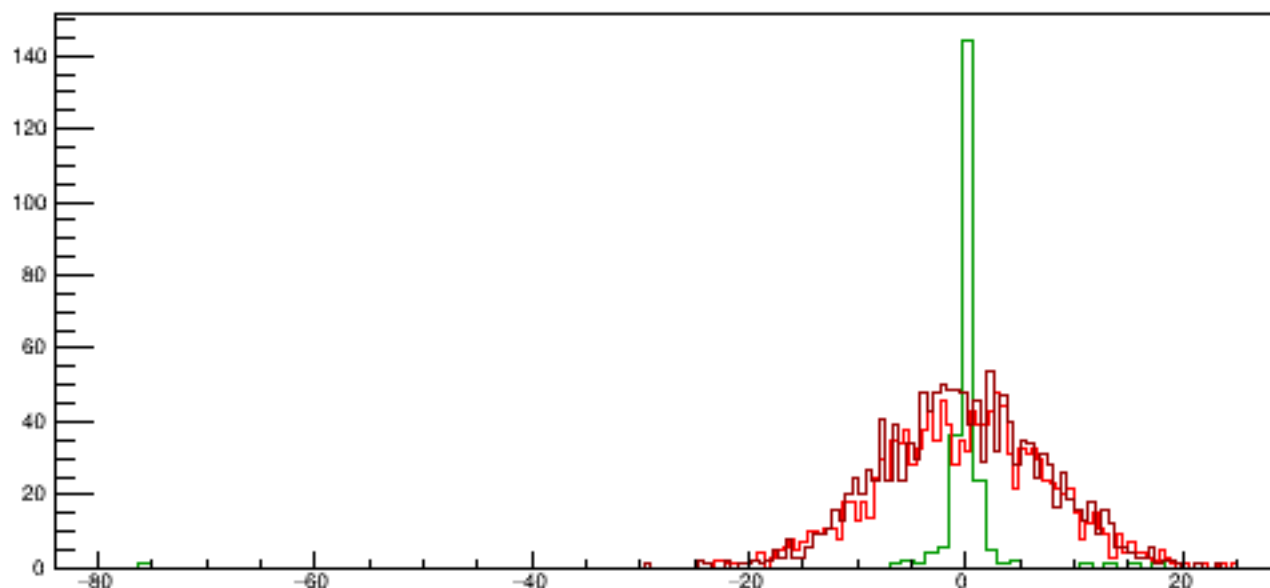
Std Dev: 5.4698 +/- 0.2545

Entries: 1392

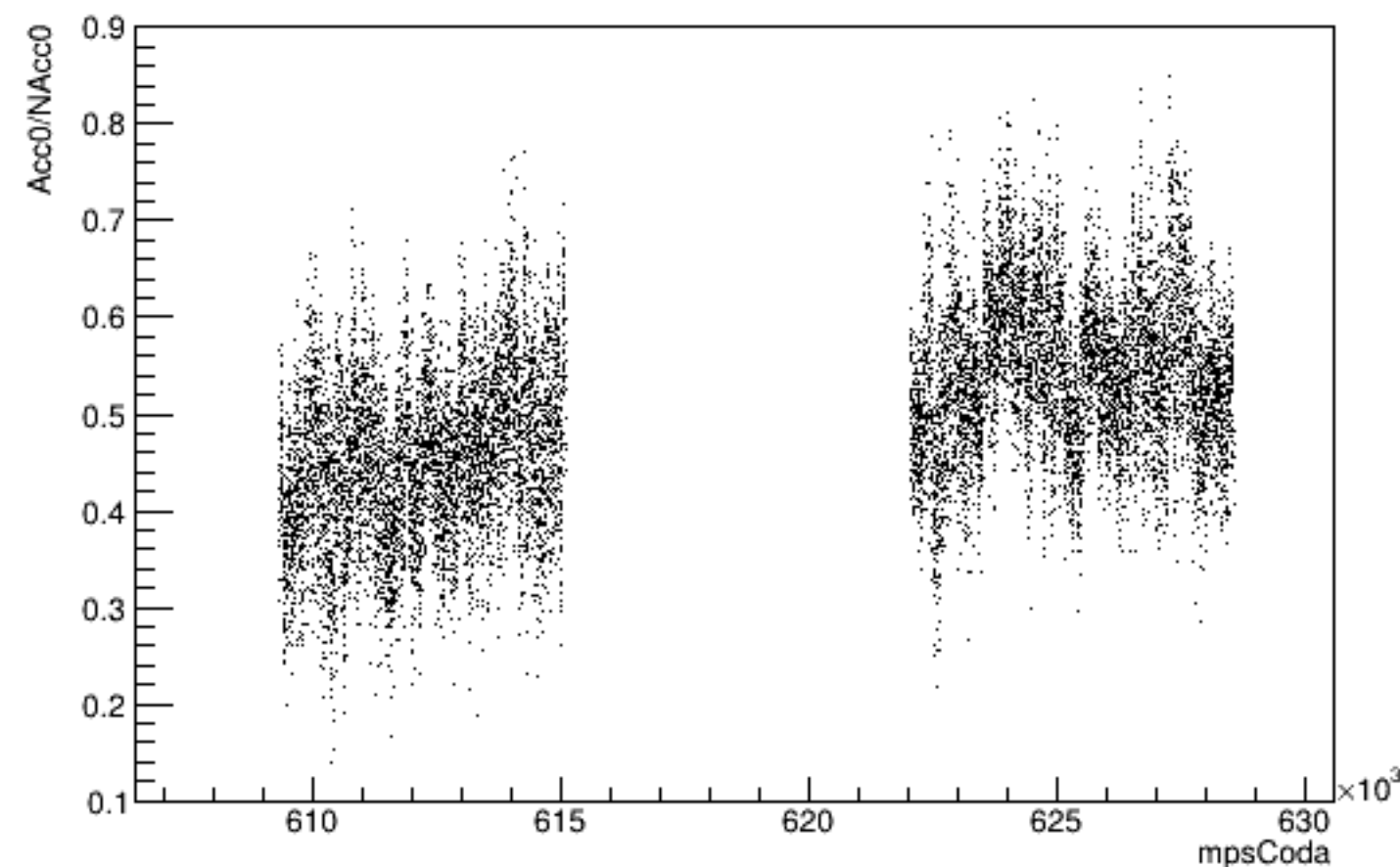
Mean: -0.3512 +/- 0.2009

Std Dev: 7.4961 +/- 0.1421

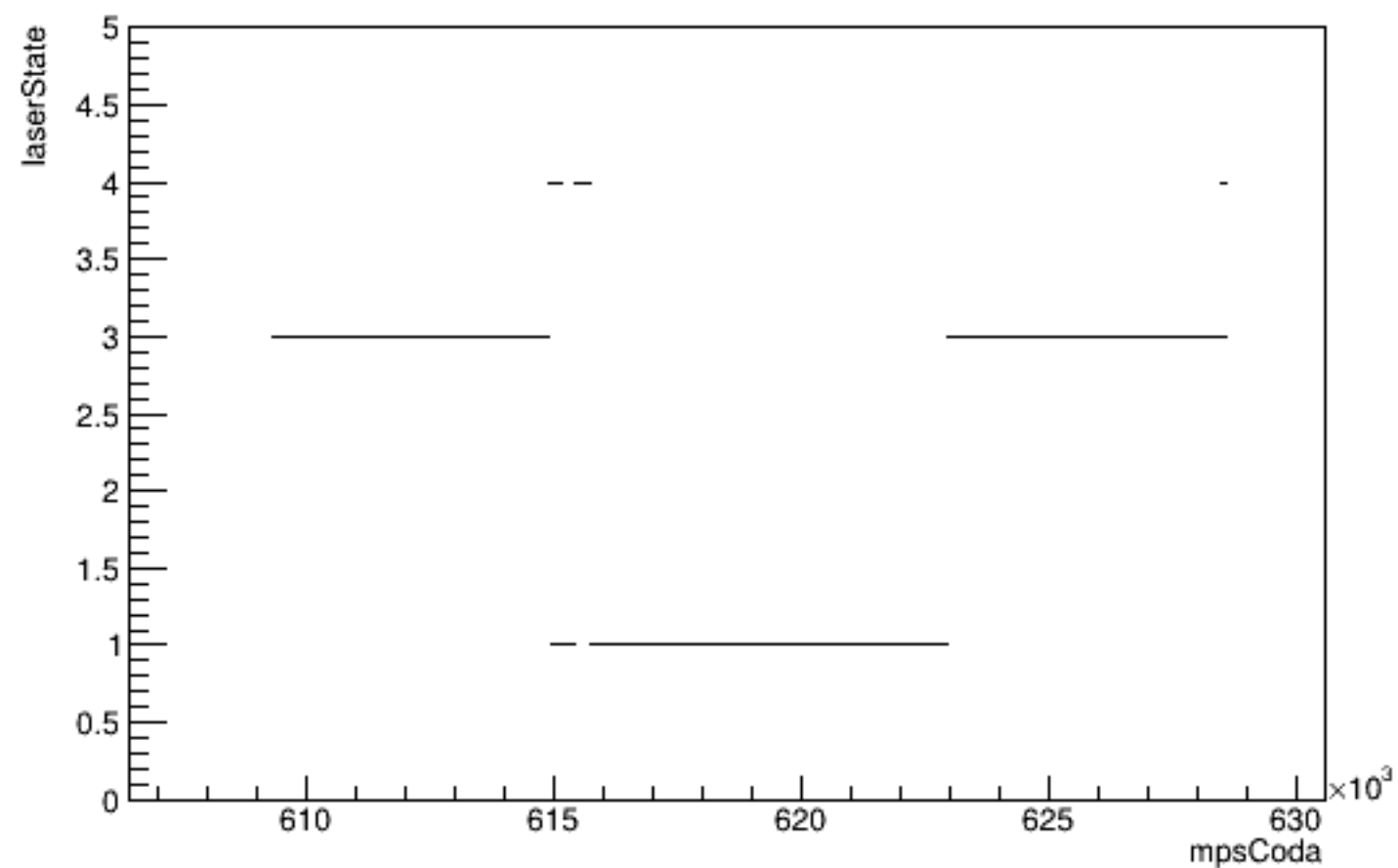
Run 6253 quartetwise, Asyms



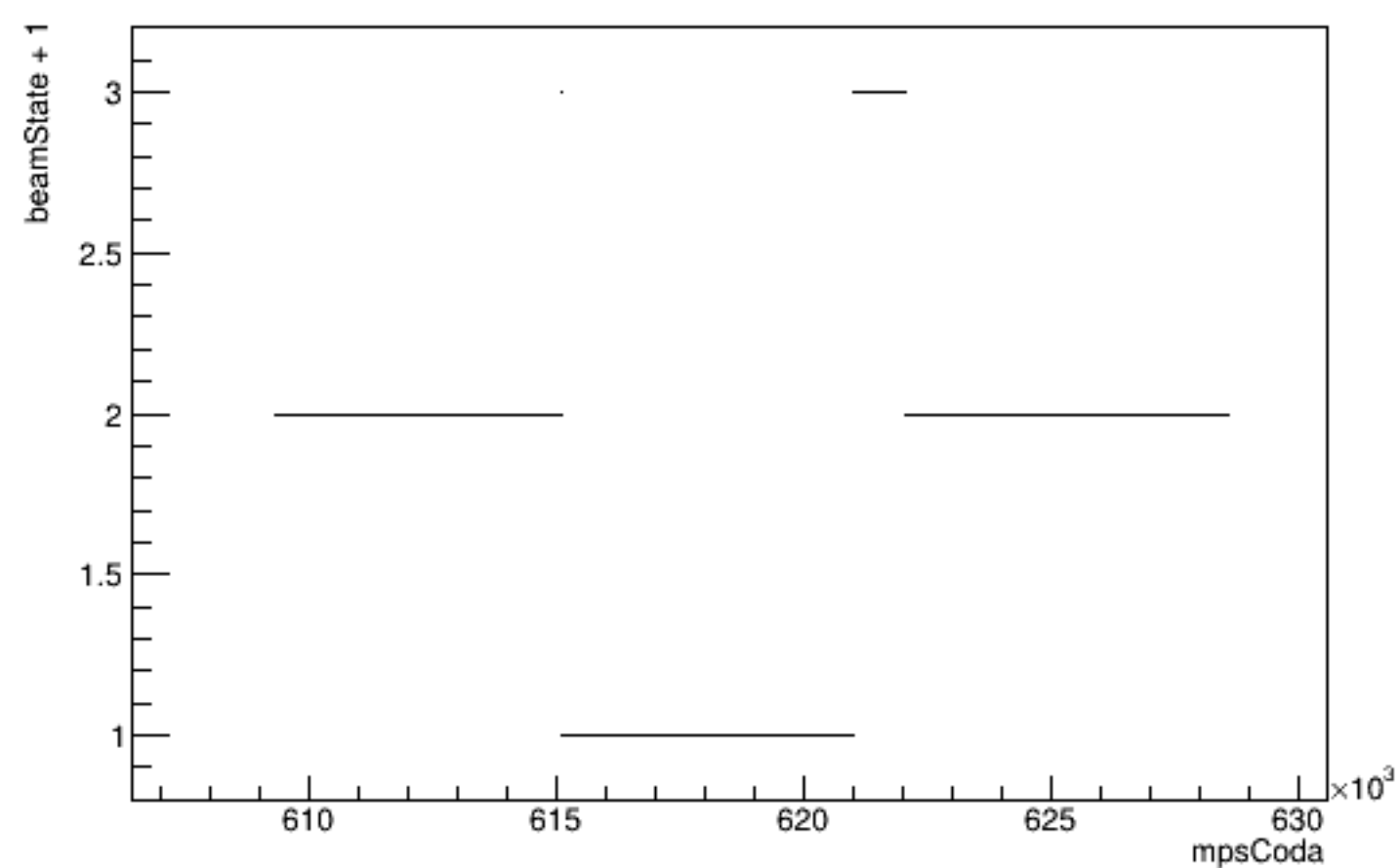
Acc0/NAcc0:mpsCoda (mpsCoda>=609333 && mpsCoda<=628548 && beamState==1)



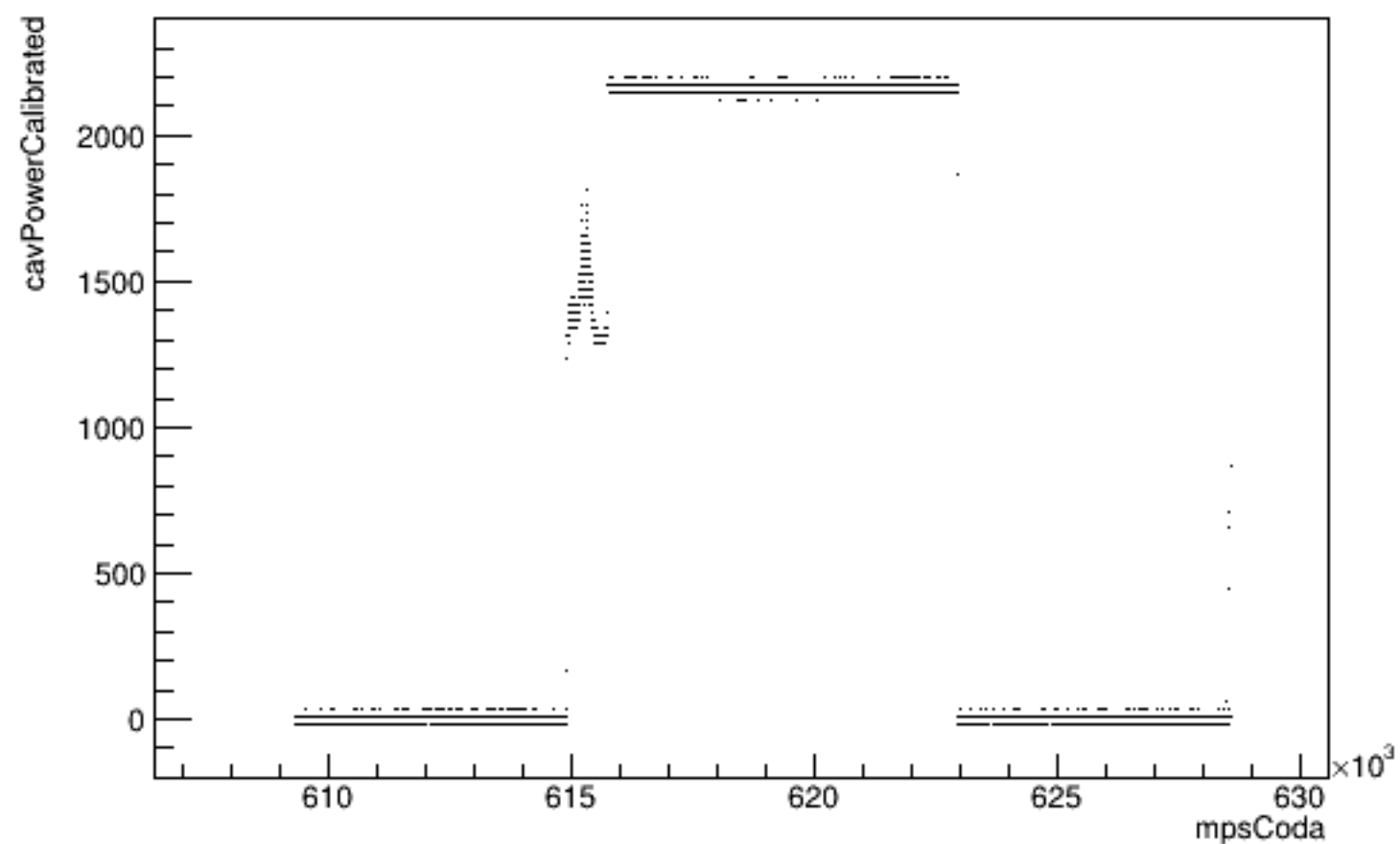
laserState:mpsCoda {mpsCoda>=609333 && mpsCoda<=628548}



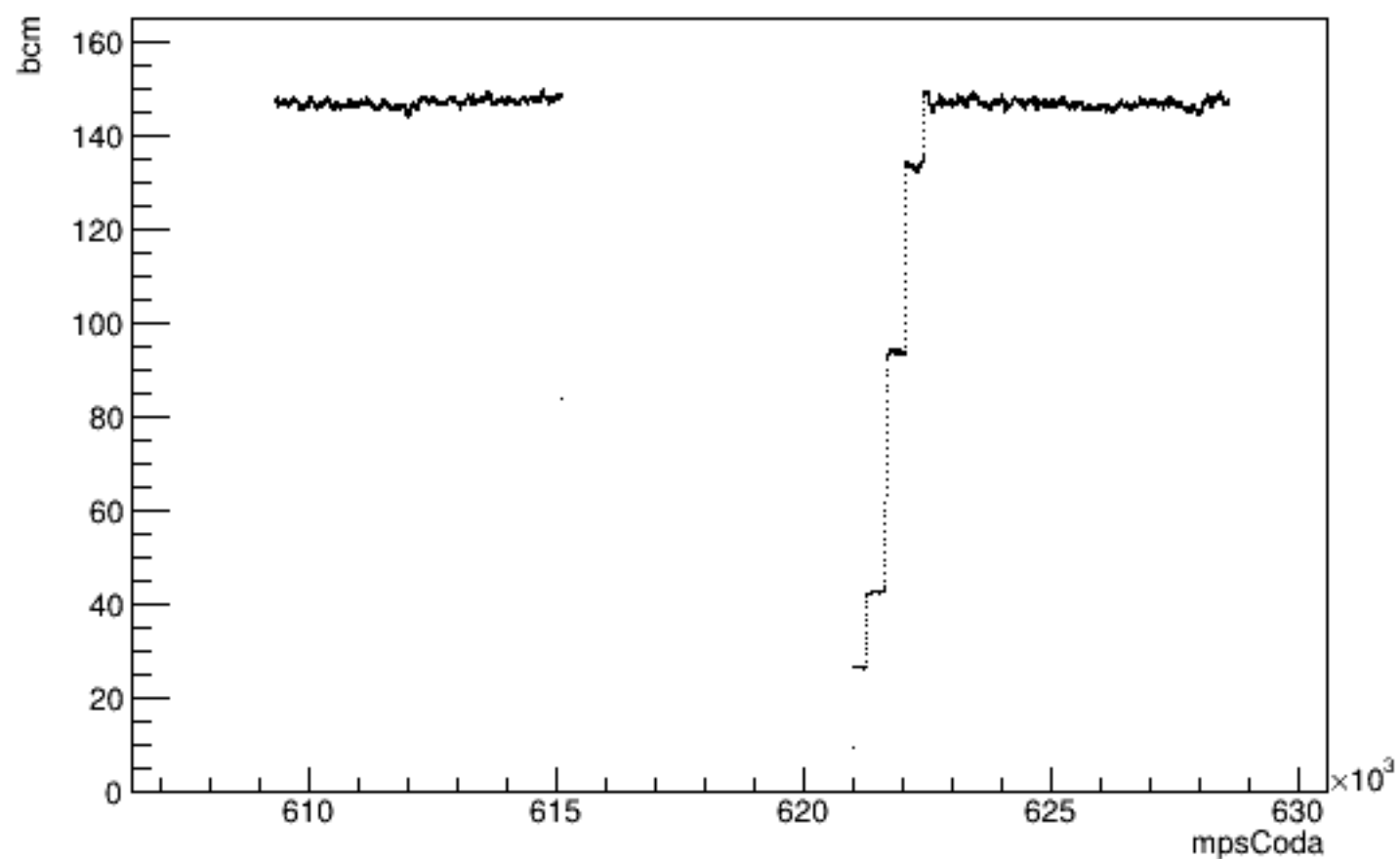
beamState + 1:mpsCoda {mpsCoda>=609333 && mpsCoda<=628548}



cavPowerCalibrated:mpsCoda {mpsCoda>=609333 && mpsCoda<=628548}



bcm:mpsCoda {mpsCoda>=609333 && mpsCoda<=628548}



Cycle 26, Diffs

Entries: 1392

Mean: -0.0019 +/- 0.0011

Std Dev: 0.0406 +/- 0.0008

Entries: 1805

Mean: -0.0013 +/- 0.0010

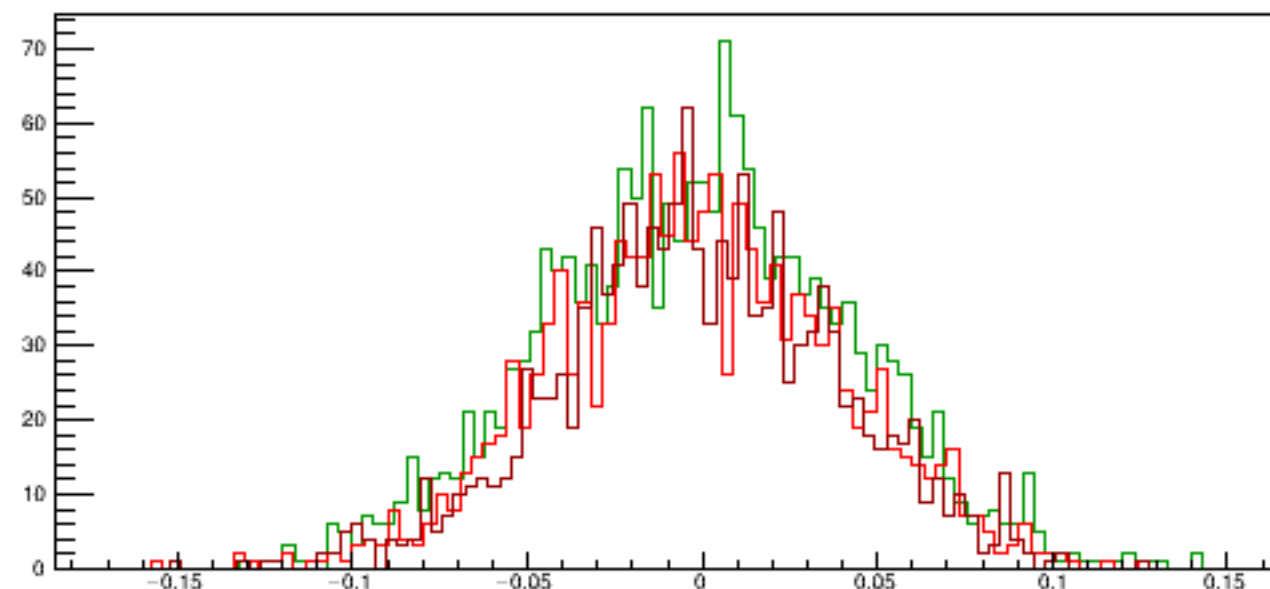
Std Dev: 0.0434 +/- 0.0007

Entries: 1386

Mean: -0.0013 +/- 0.0011

Std Dev: 0.0395 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 26, Sums

Entries: 1392

Mean: 1.1072 +/- 0.0035

Std Dev: 0.1300 +/- 0.0025

Entries: 1805

Mean: 1.0845 +/- 0.0035

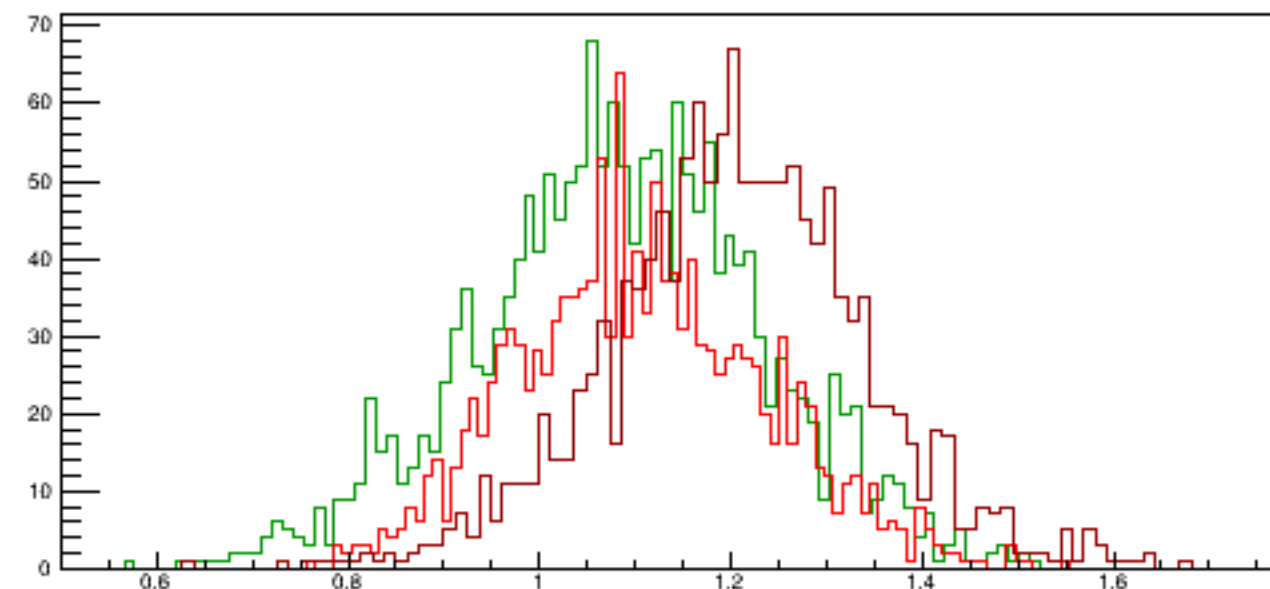
Std Dev: 0.1496 +/- 0.0025

Entries: 1386

Mean: 1.2062 +/- 0.0037

Std Dev: 0.1364 +/- 0.0026

Run 6253 quartetwise, Sums



Cycle 26, Asyms

Entries: 1392

Mean: 0.0263 +/- 0.0151

Std Dev: 0.5623 +/- 0.0107

Entries: 1805

Mean: -3.8127 +/- 3.7320

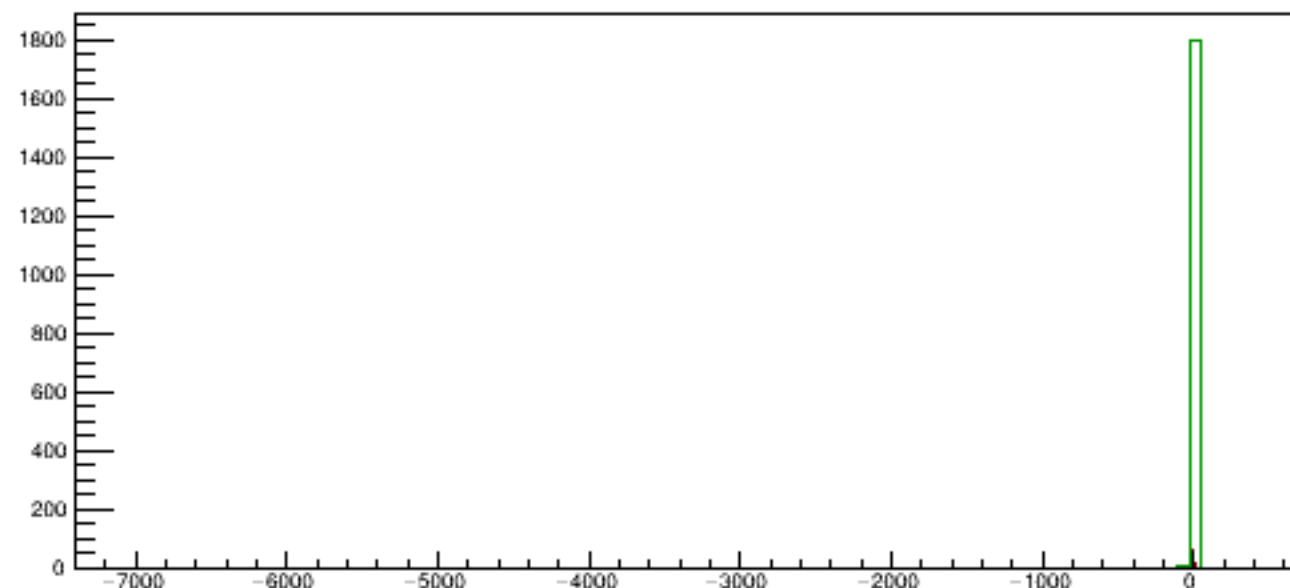
Std Dev: 158.5534 +/- 2.6389

Entries: 1386

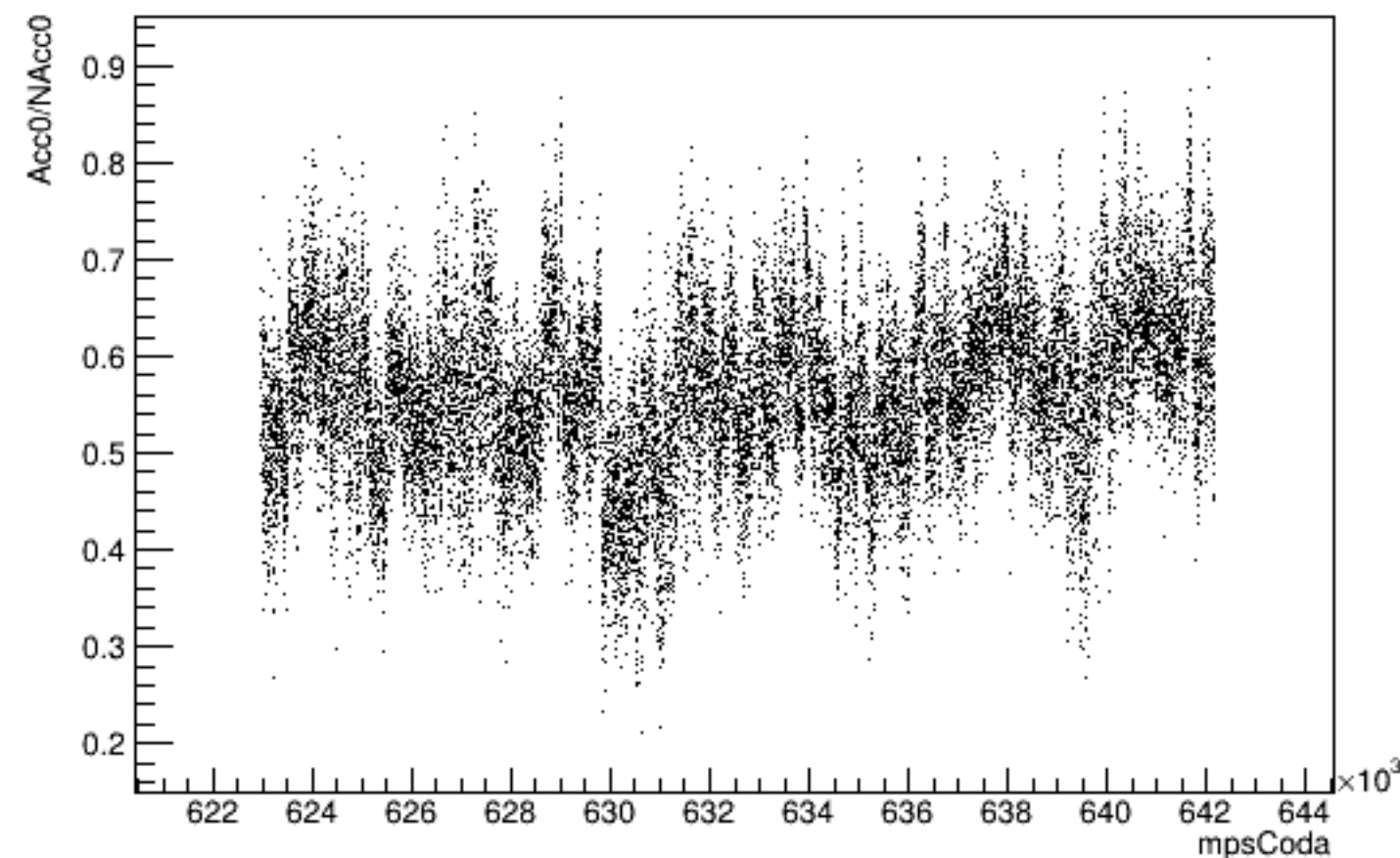
Mean: 0.0186 +/- 0.0147

Std Dev: 0.5472 +/- 0.0104

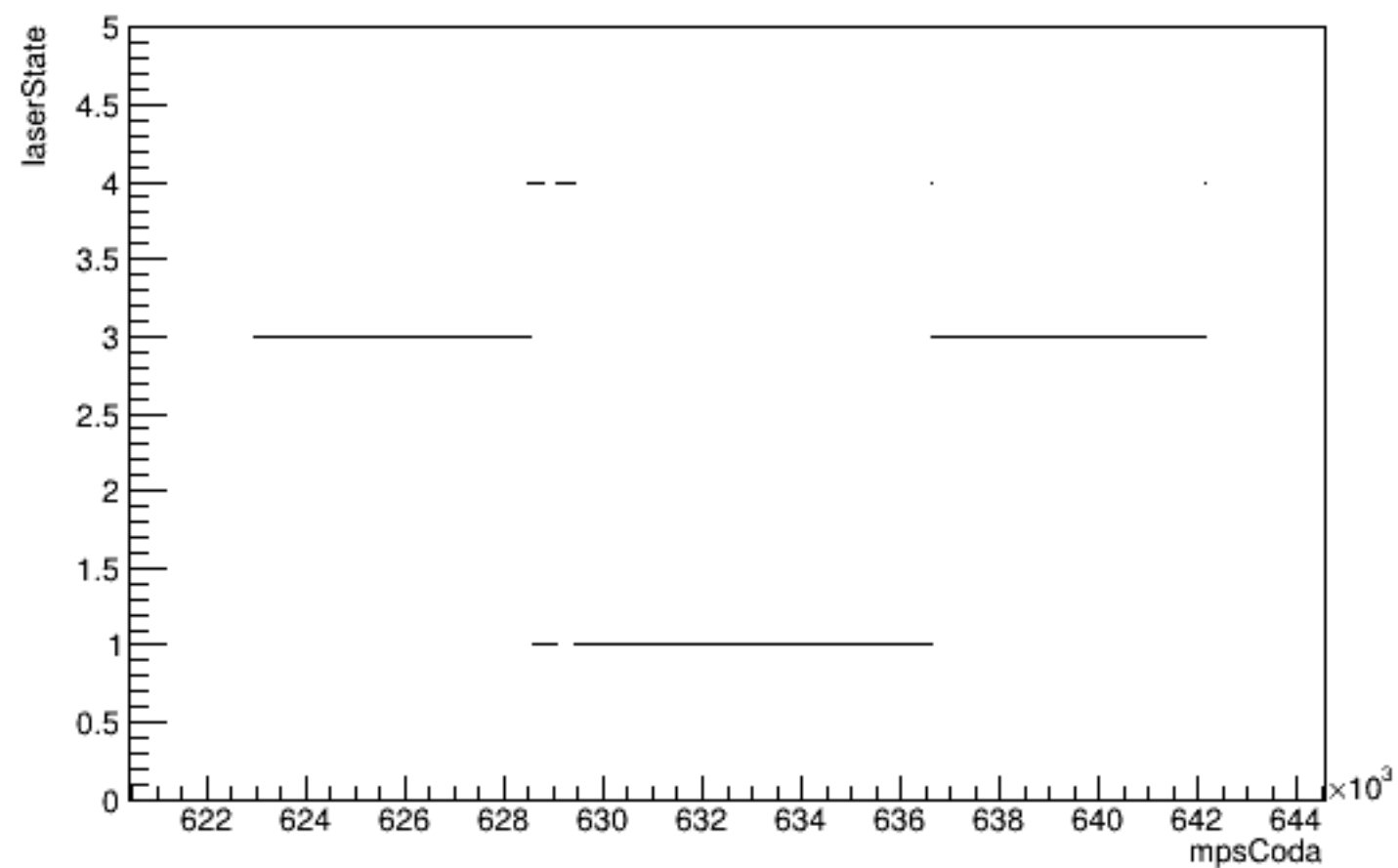
Run 6253 quartetwise, Asyms



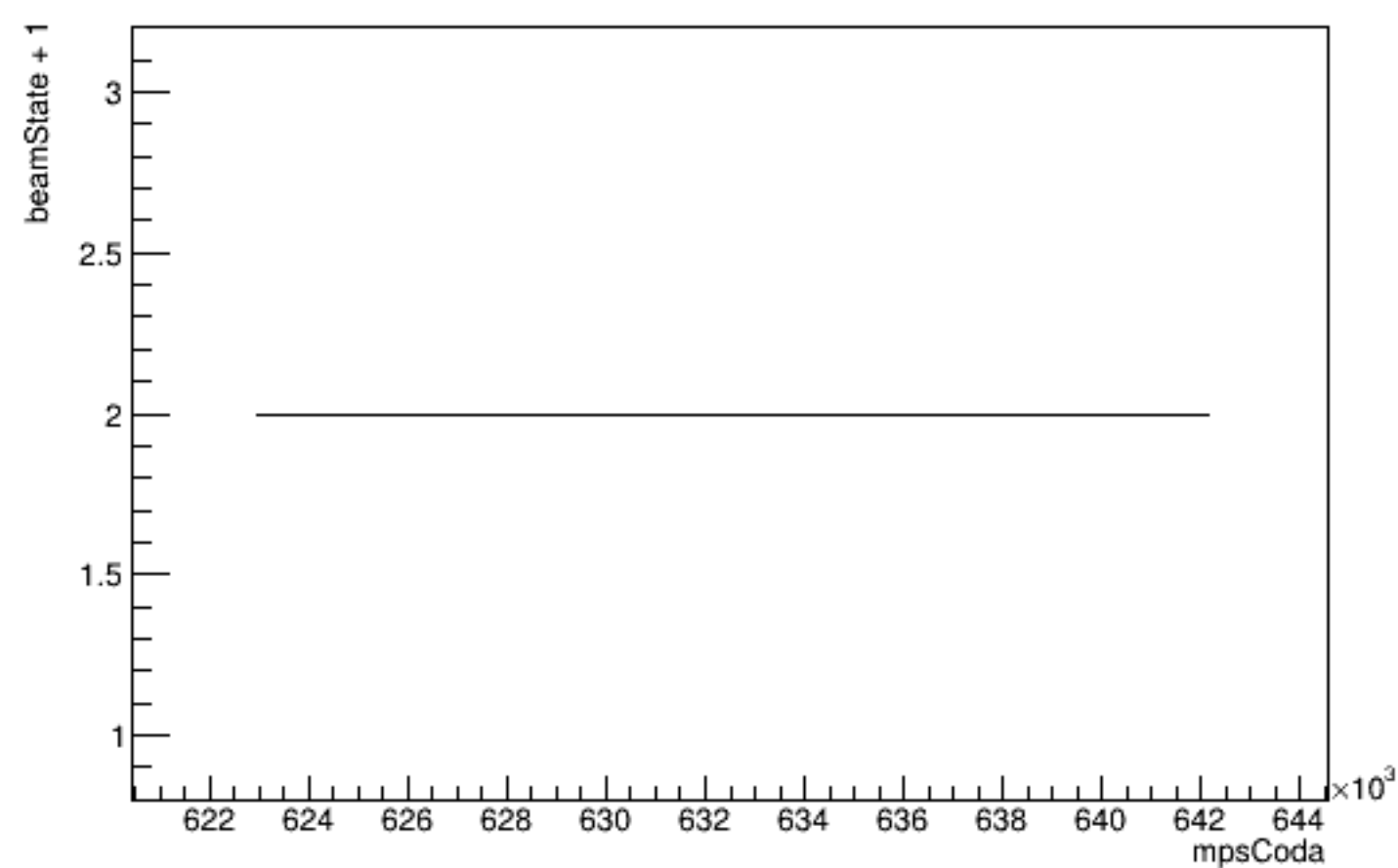
Acc0/NAcc0:mpsCoda (mpsCoda>=622969 && mpsCoda<=642172 && beamState==1)



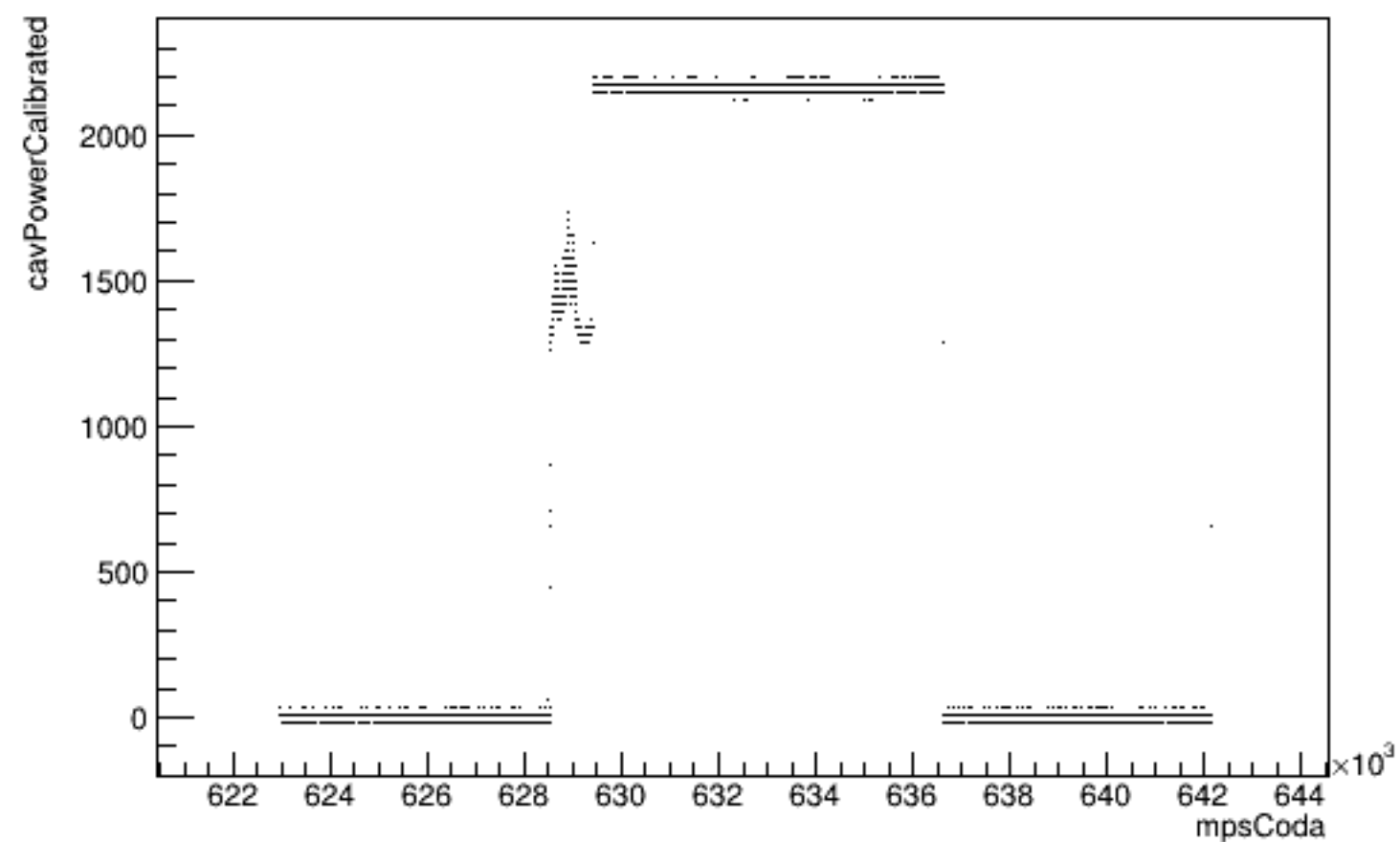
laserState:mpsCoda {mpsCoda>=622969 && mpsCoda<=642172}



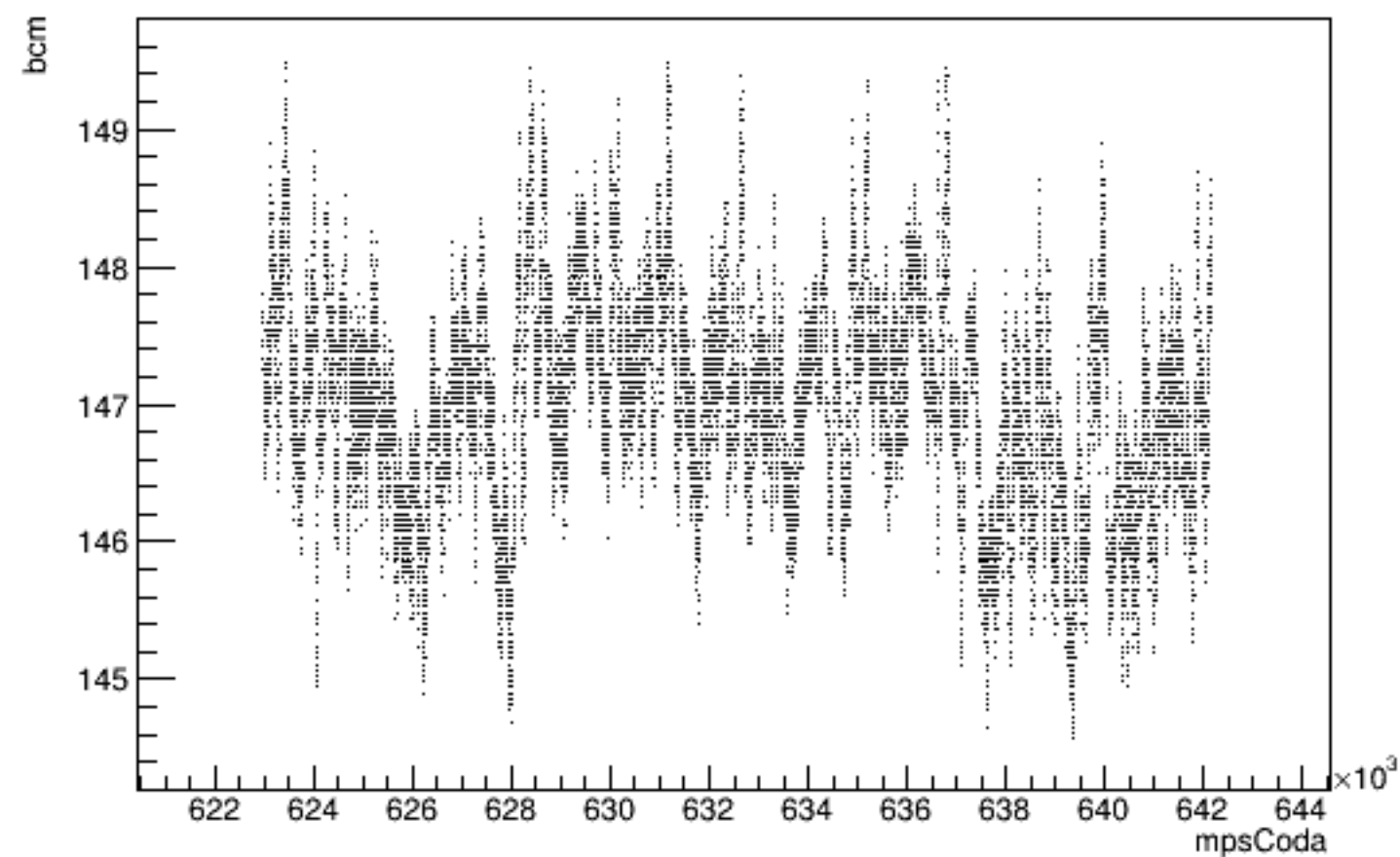
beamState + 1:mpsCoda {mpsCoda>=622969 && mpsCoda<=642172}



cavPowerCalibrated:mpsCoda {mpsCoda>=622969 && mpsCoda<=642172}



bcm:mpsCoda {mpsCoda>=622969 && mpsCoda<=642172}



Cycle 27, Diffs

Entries: 1412

Mean: 0.0001 +/- 0.0011

Std Dev: 0.0424 +/- 0.0008

Entries: 1036

Mean: -0.0033 +/- 0.0013

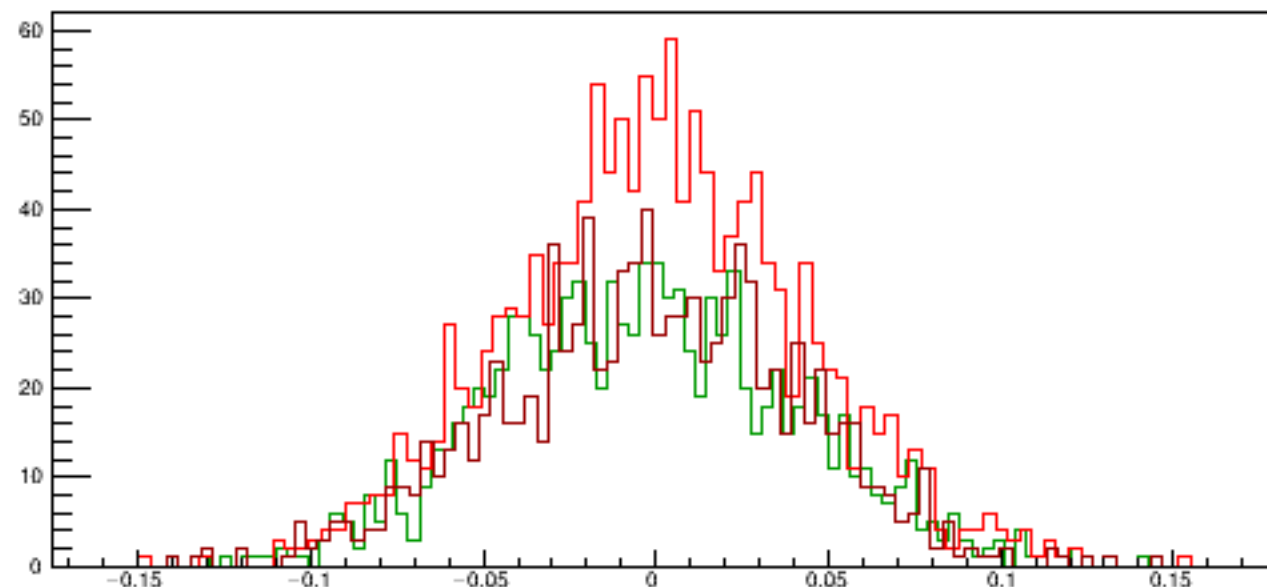
Std Dev: 0.0432 +/- 0.0009

Entries: 1005

Mean: -0.0016 +/- 0.0014

Std Dev: 0.0429 +/- 0.0010

Run 6253 quartetwise, Diffs



Cycle 27, Sums

Entries: 1412

Mean: 1.2490 +/- 0.0045

Std Dev: 0.1675 +/- 0.0032

Entries: 1036

Mean: 1.1948 +/- 0.0042

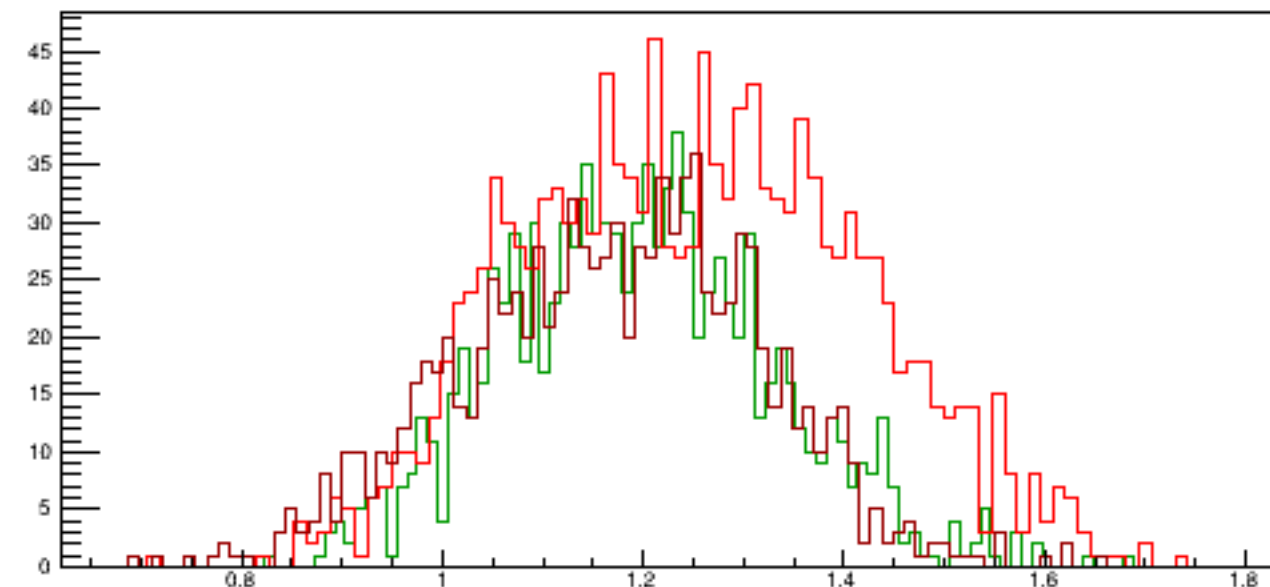
Std Dev: 0.1355 +/- 0.0030

Entries: 1005

Mean: 1.1687 +/- 0.0047

Std Dev: 0.1477 +/- 0.0033

Run 6253 quartetwise, Sums



Cycle 27, Asyms

Entries: 1412

Mean: -0.0105 +/- 0.0804

Std Dev: 3.0227 +/- 0.0569

Entries: 1036

Mean: 0.2690 +/- 0.2595

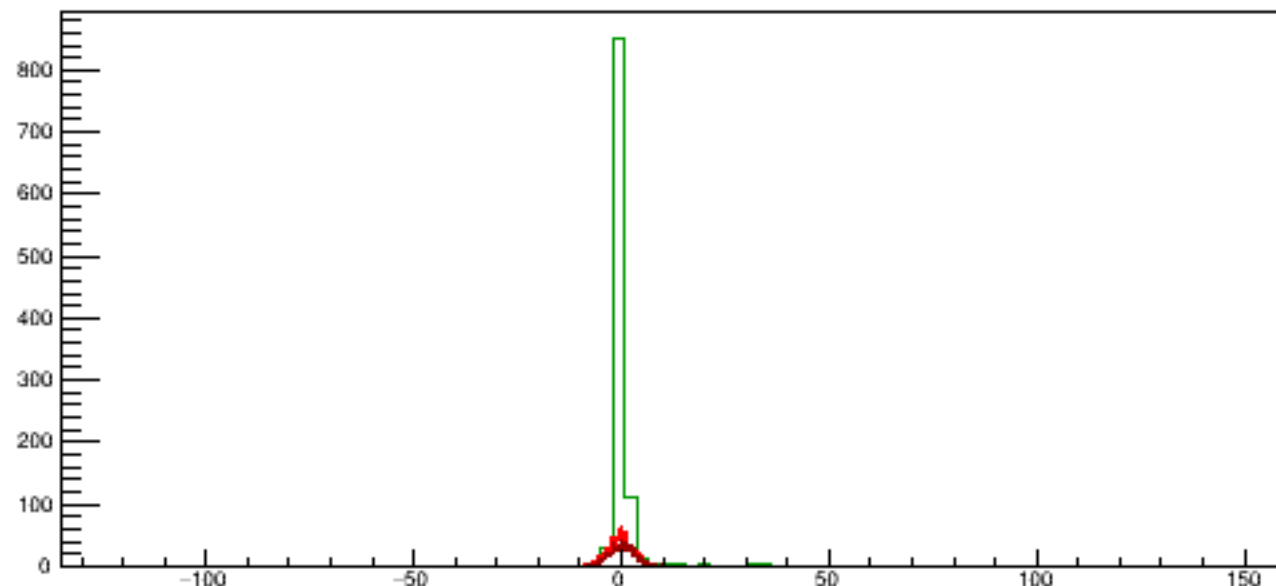
Std Dev: 8.3524 +/- 0.1835

Entries: 1005

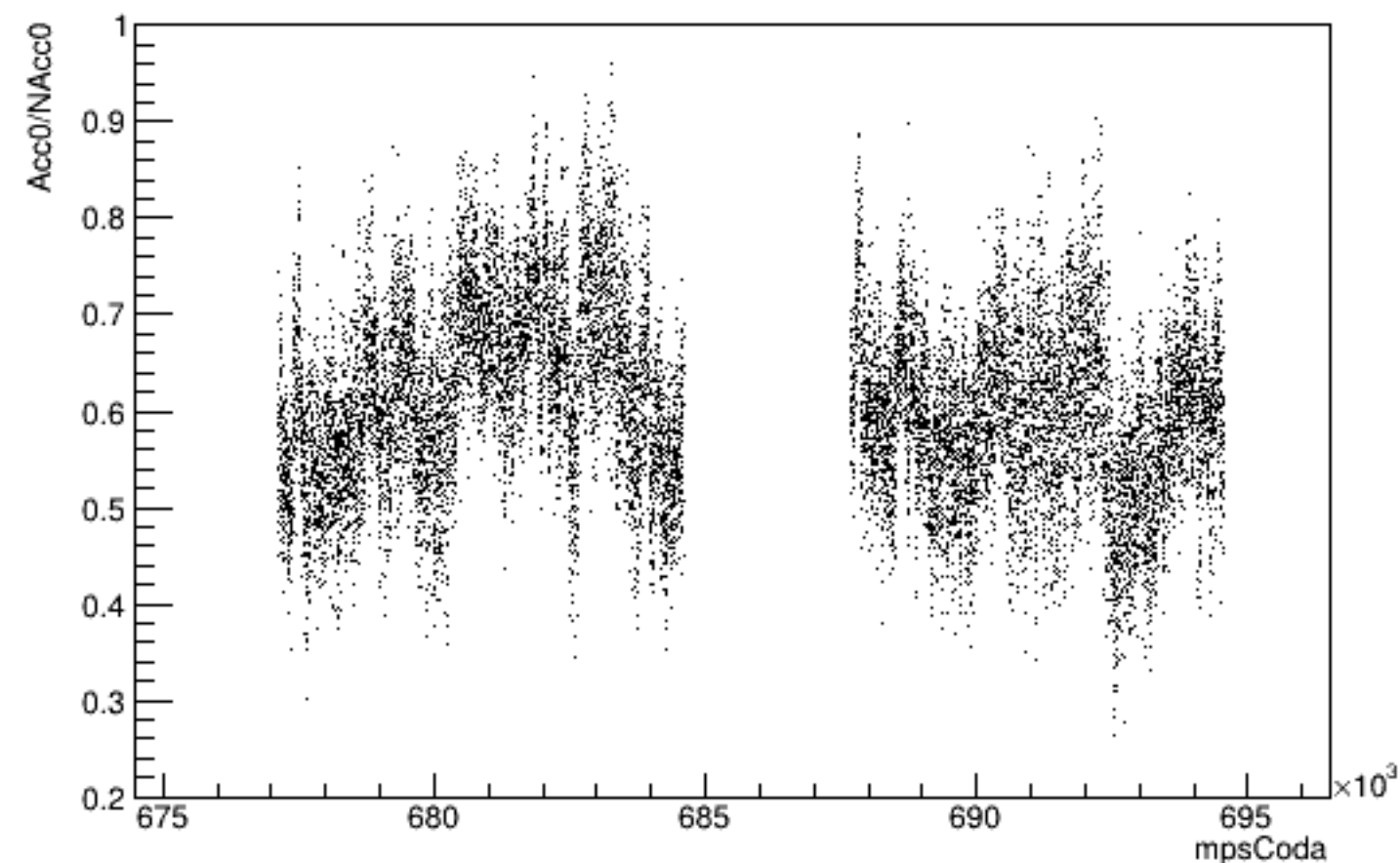
Mean: 0.1152 +/- 0.0965

Std Dev: 3.0585 +/- 0.0682

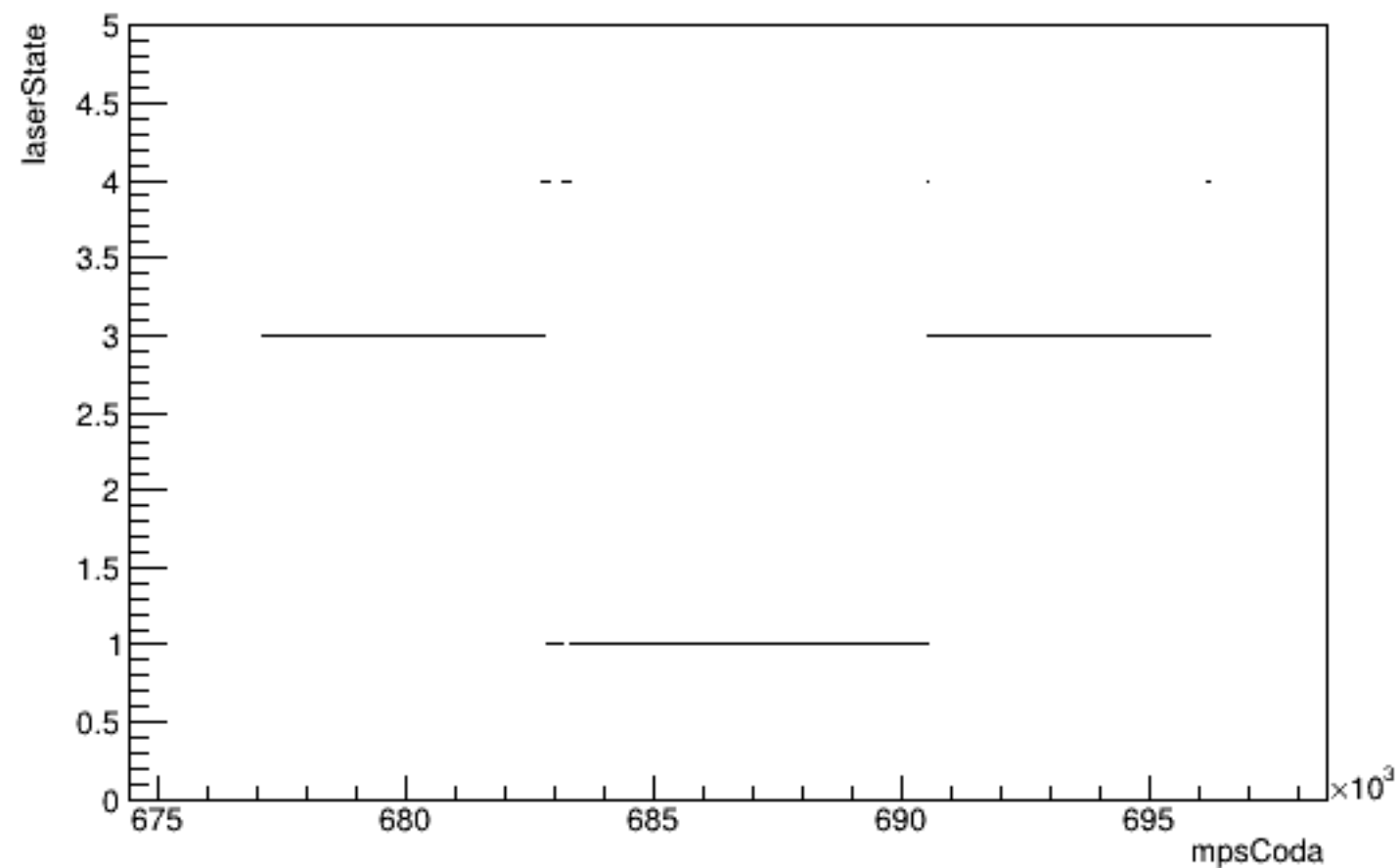
Run 6253 quartetwise, Asyms



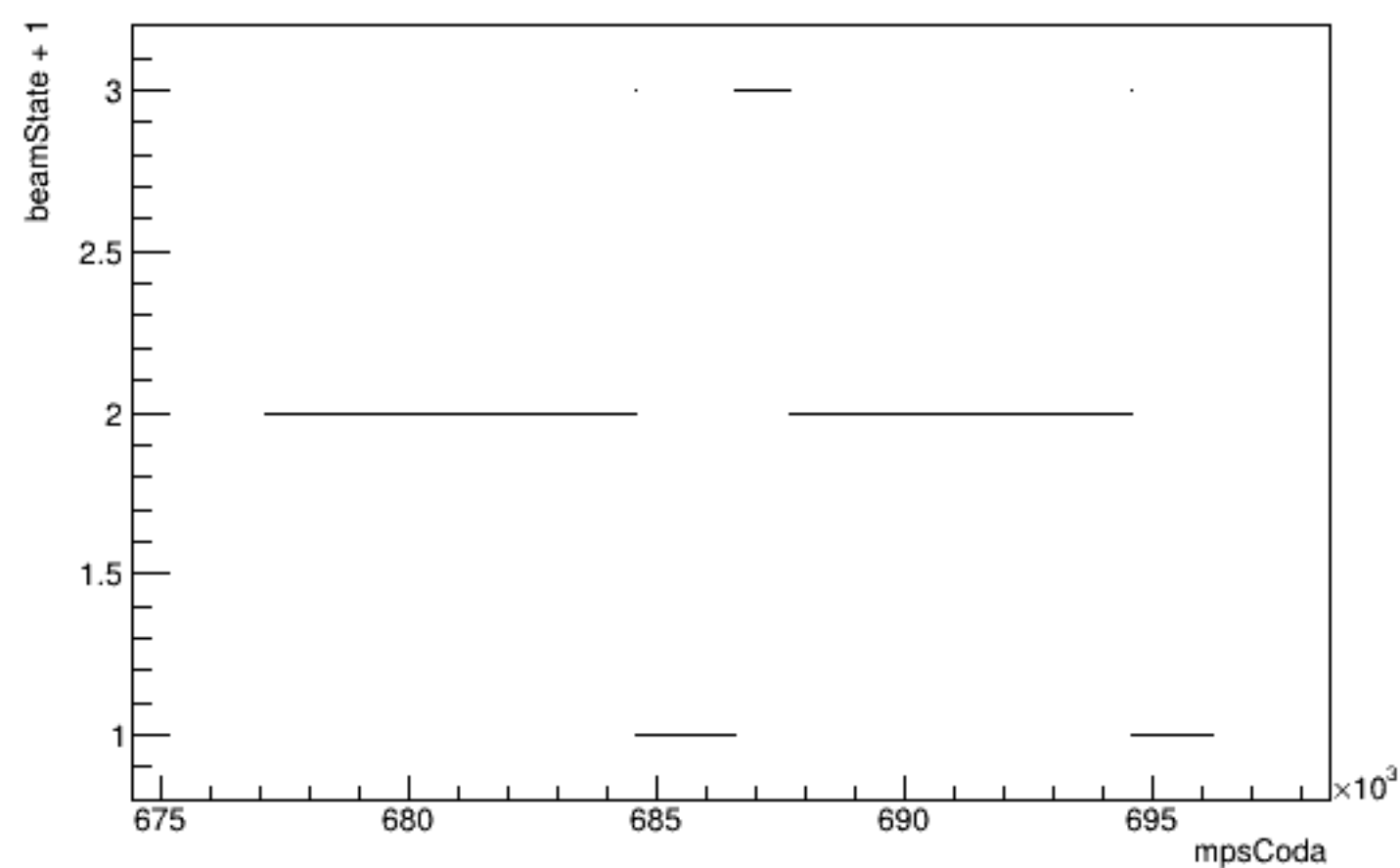
Acc0/NAcc0:mpsCoda (mpsCoda>=677125 && mpsCoda<=696212 && beamState==1)



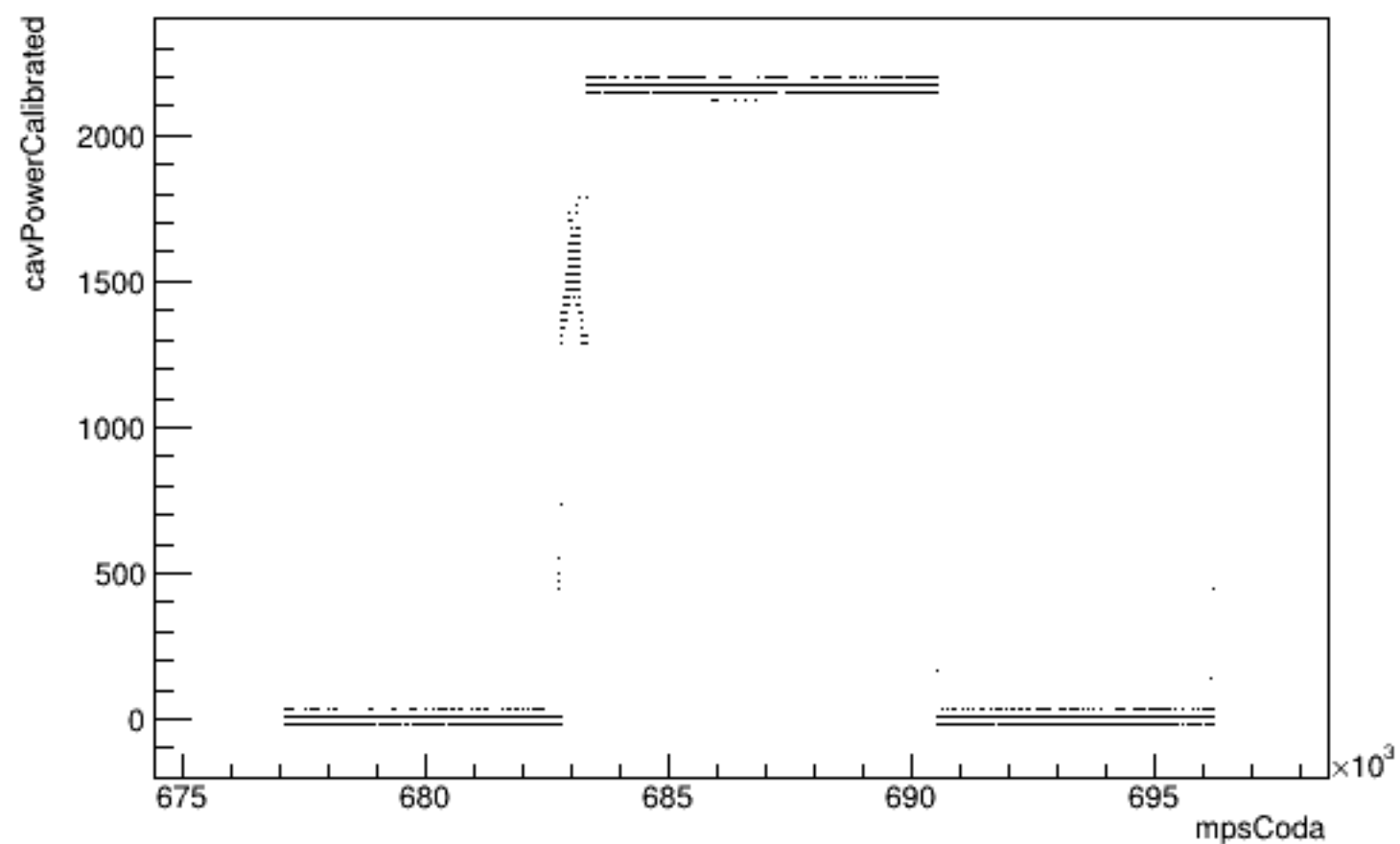
laserState:mpsCoda {mpsCoda>=677125 && mpsCoda<=696212}



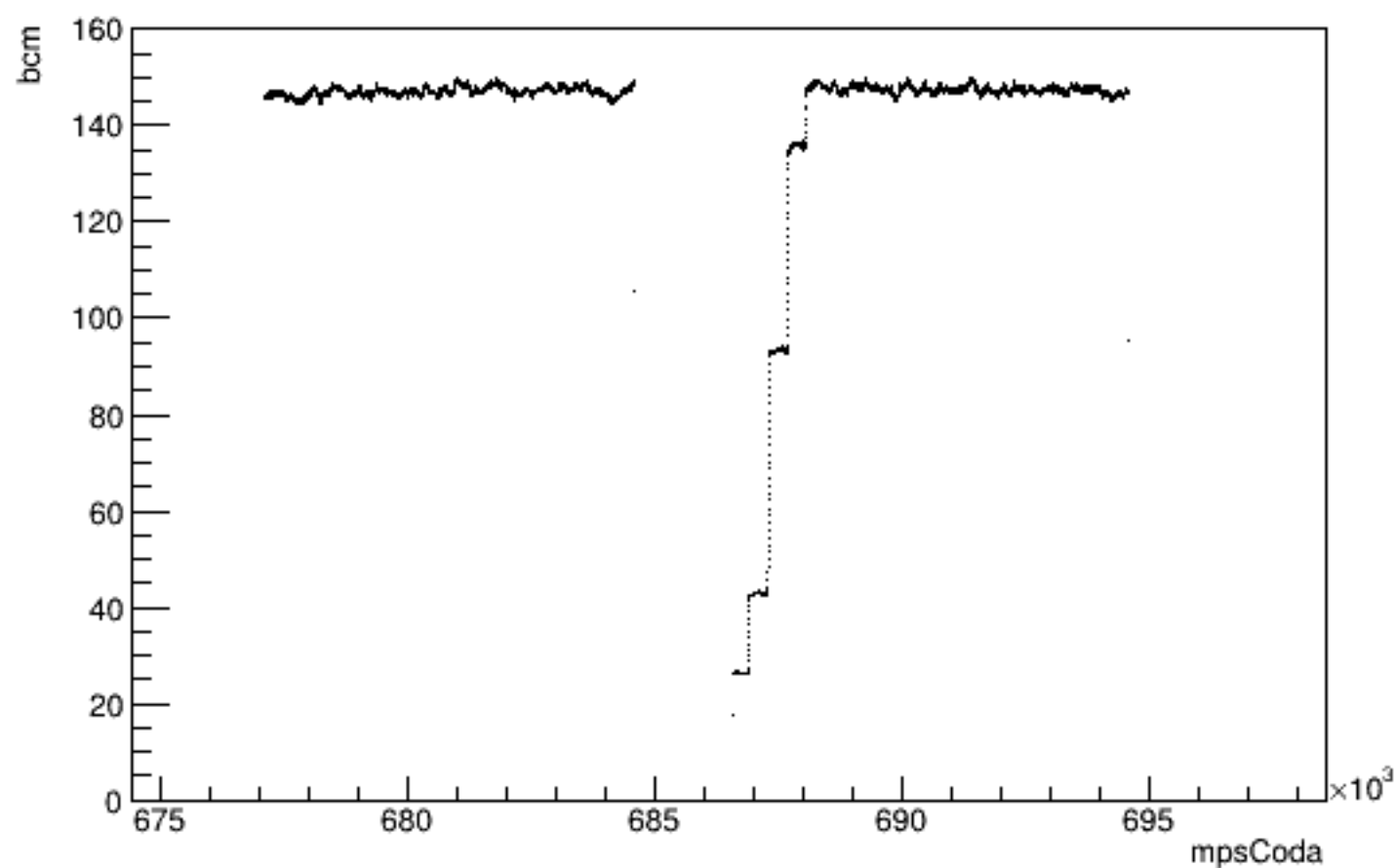
beamState + 1:mpsCoda {mpsCoda>=677125 && mpsCoda<=696212}



cavPowerCalibrated:mpsCoda {mpsCoda>=677125 && mpsCoda<=696212}



bcm:mpsCoda {mpsCoda>=677125 && mpsCoda<=696212}



Cycle 28, Diffs

Entries: 1005

Mean: -0.0016 +/- 0.0014

Std Dev: 0.0429 +/- 0.0010

Entries: 1712

Mean: -0.0009 +/- 0.0010

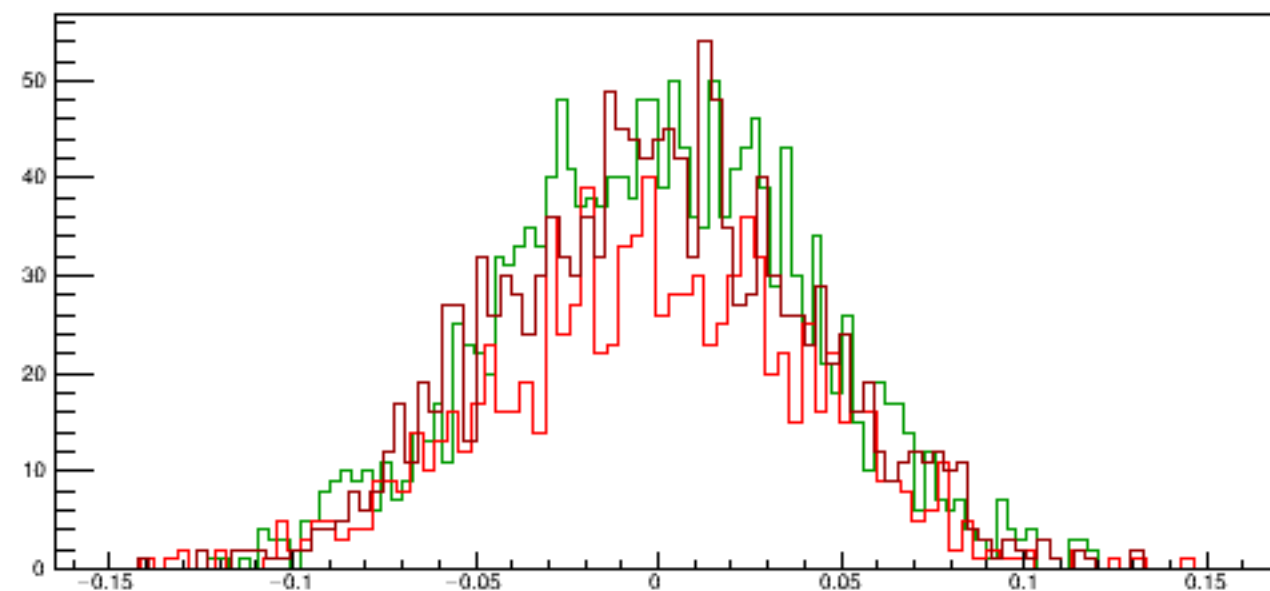
Std Dev: 0.0420 +/- 0.0007

Entries: 1428

Mean: -0.0016 +/- 0.0011

Std Dev: 0.0425 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 28, Sums

Entries: 1005

Mean: 1.1687 +/- 0.0047

Std Dev: 0.1477 +/- 0.0033

Entries: 1712

Mean: 1.2644 +/- 0.0033

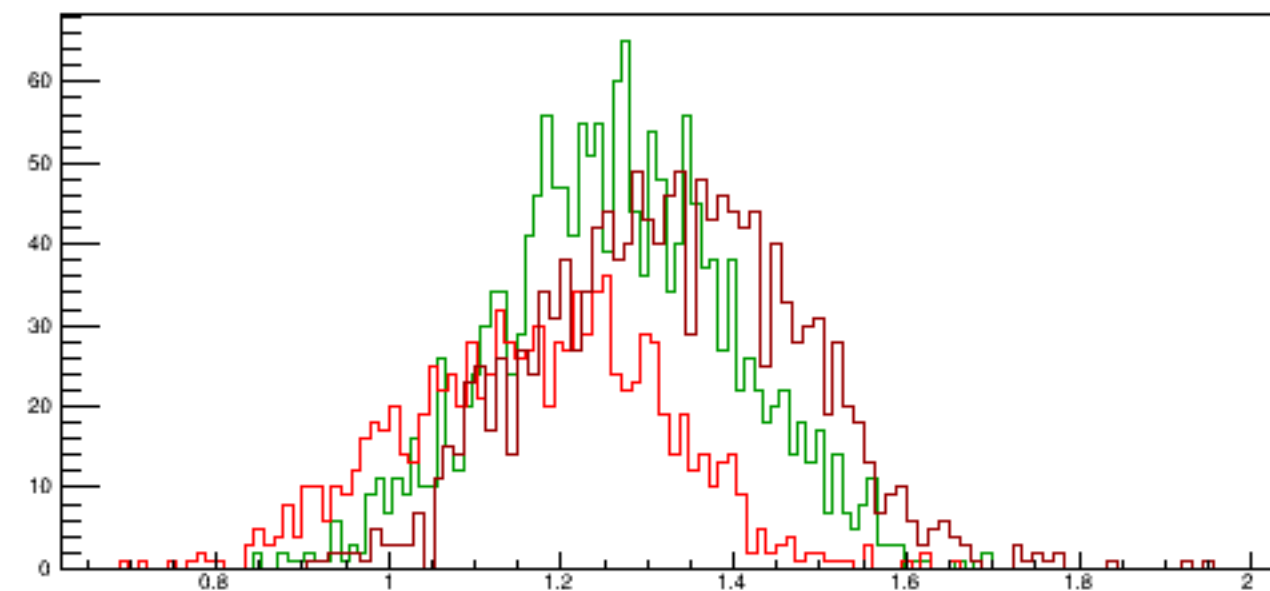
Std Dev: 0.1353 +/- 0.0023

Entries: 1428

Mean: 1.3271 +/- 0.0039

Std Dev: 0.1490 +/- 0.0028

Run 6253 quartetwise, Sums



Cycle 28, Asyms

Entries: 1005

Mean: -0.0980 +/- 0.0821

Std Dev: 2.6022 +/- 0.0580

Entries: 1712

Mean: 0.1511 +/- 0.1233

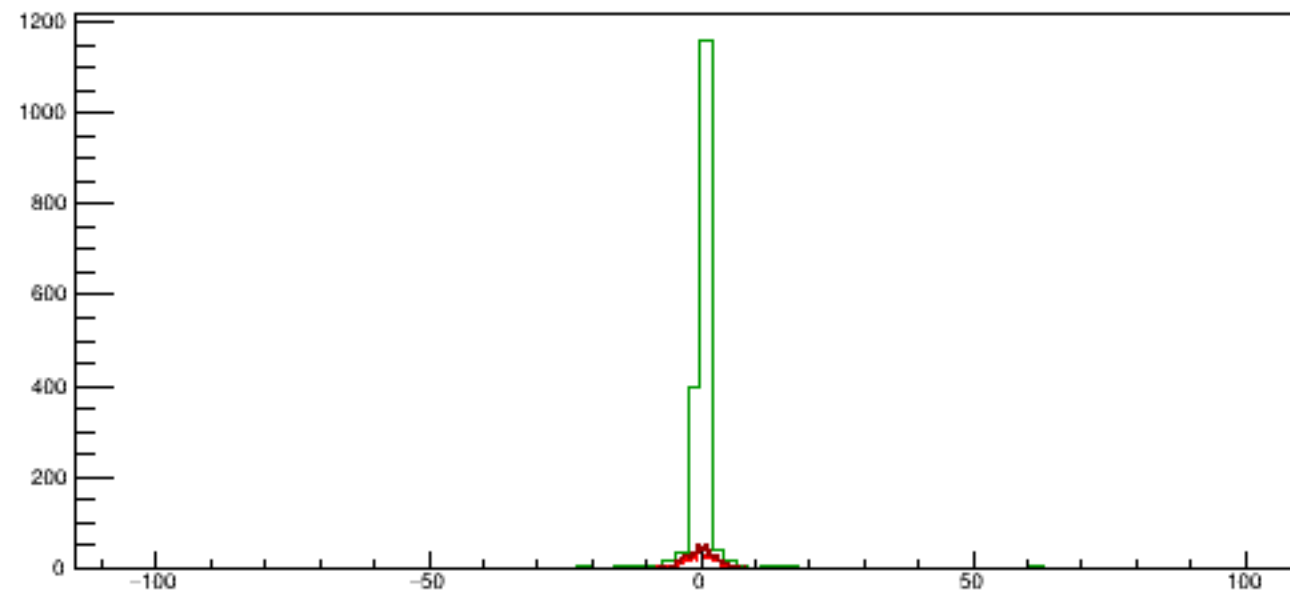
Std Dev: 5.1015 +/- 0.0872

Entries: 1428

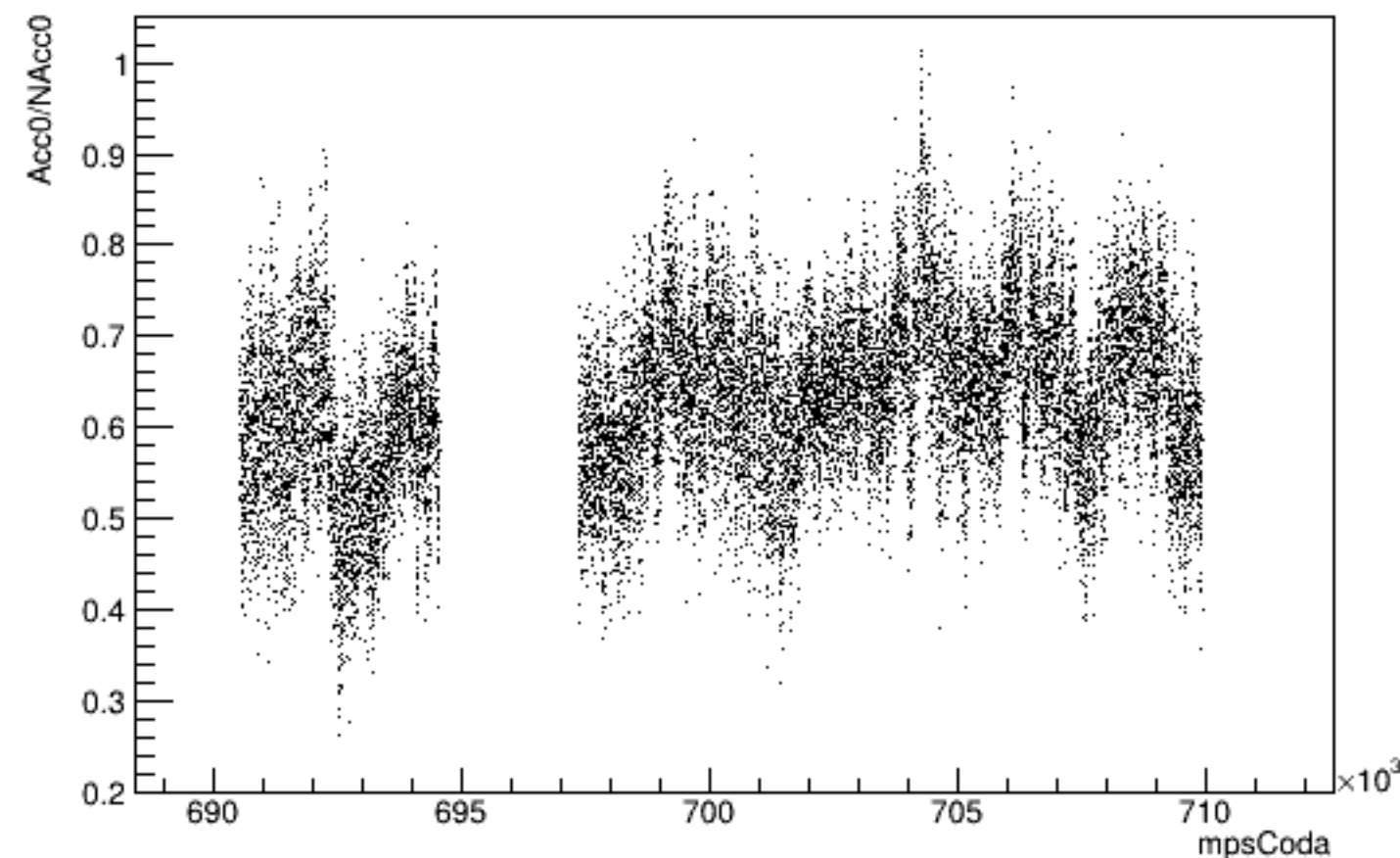
Mean: -0.0964 +/- 0.0682

Std Dev: 2.5770 +/- 0.0482

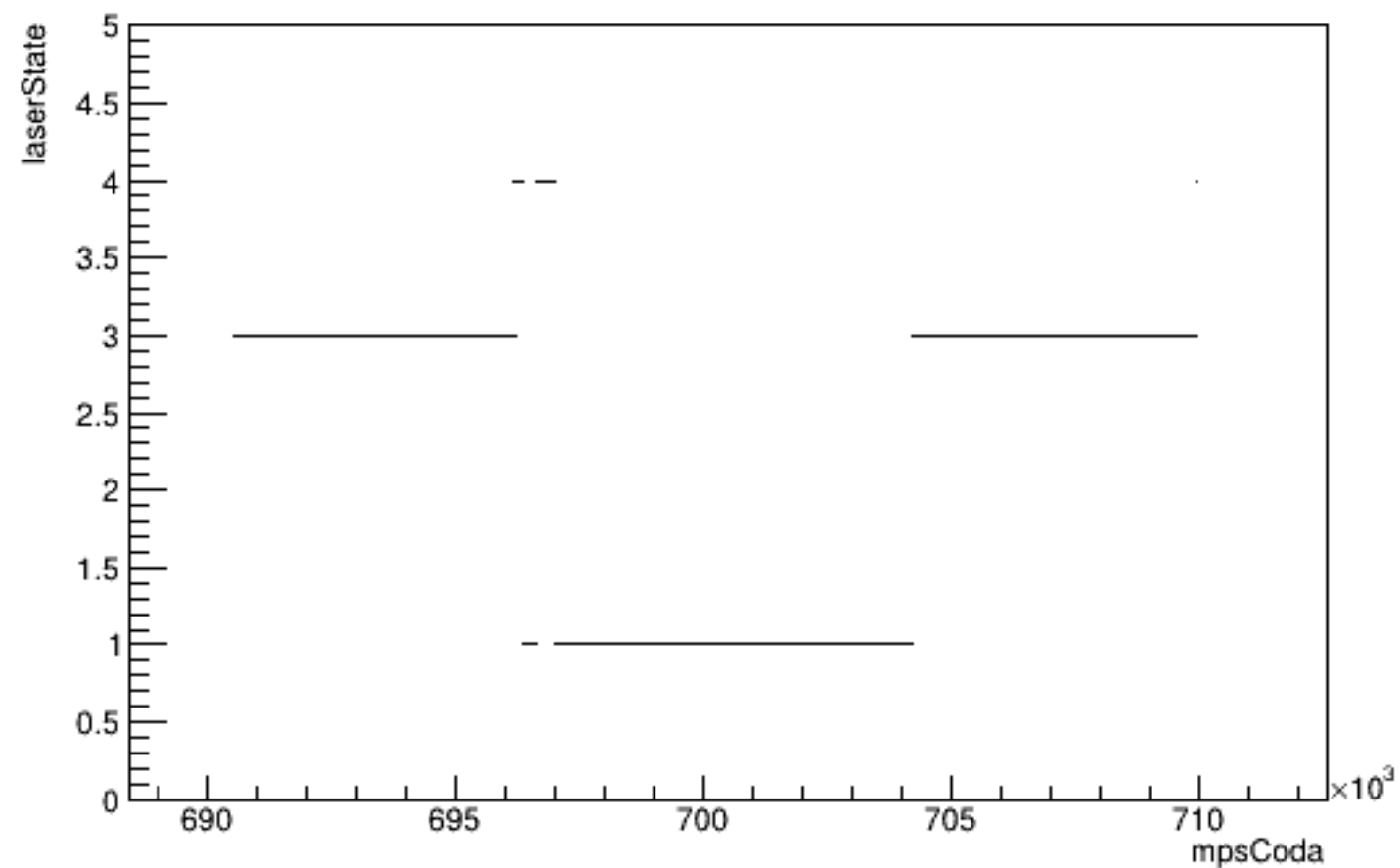
Run 6253 quartetwise, Asyms



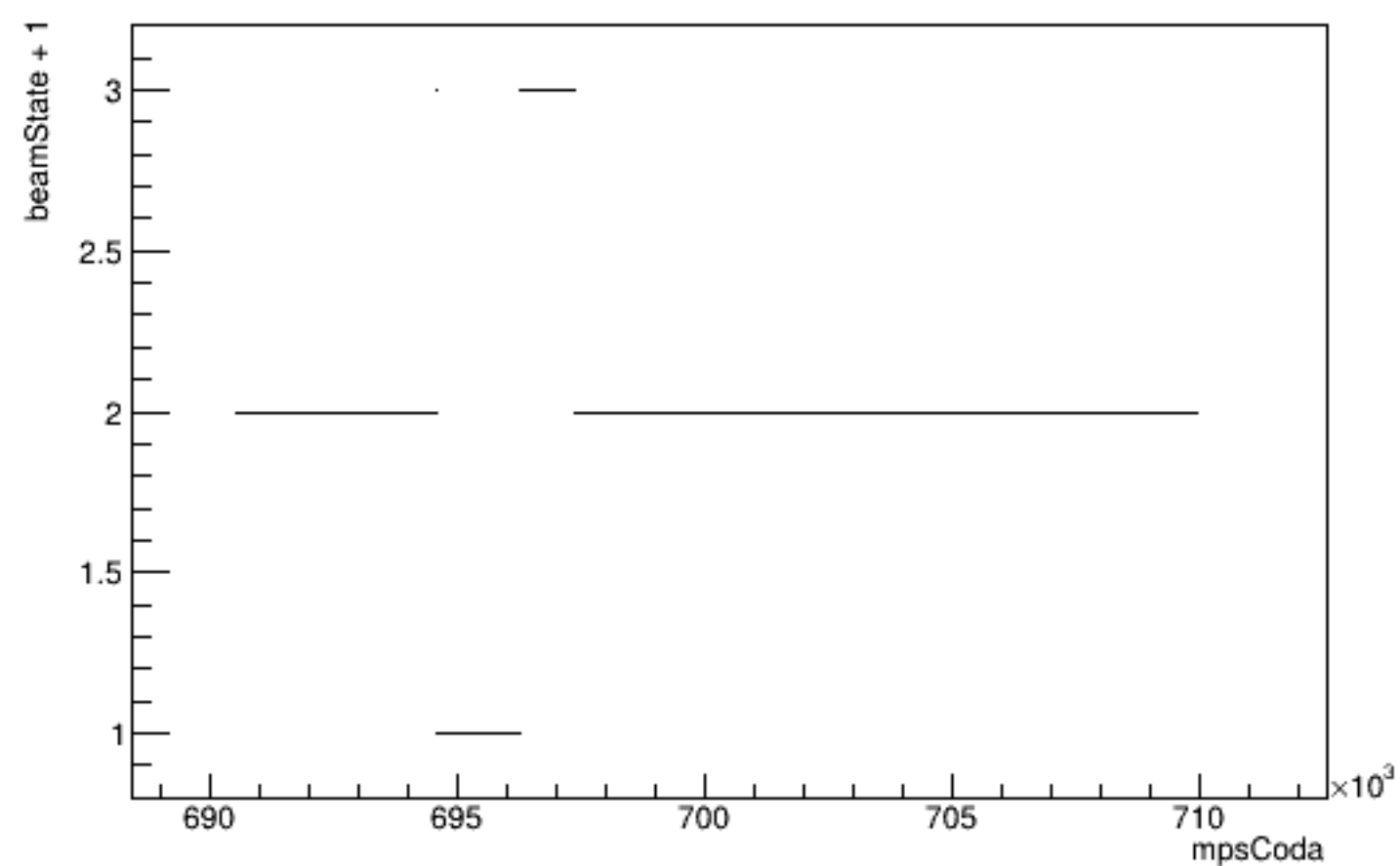
Acc0/NAcc0:mpsCoda (mpsCoda>=690537 && mpsCoda<=709916 && beamState==1)



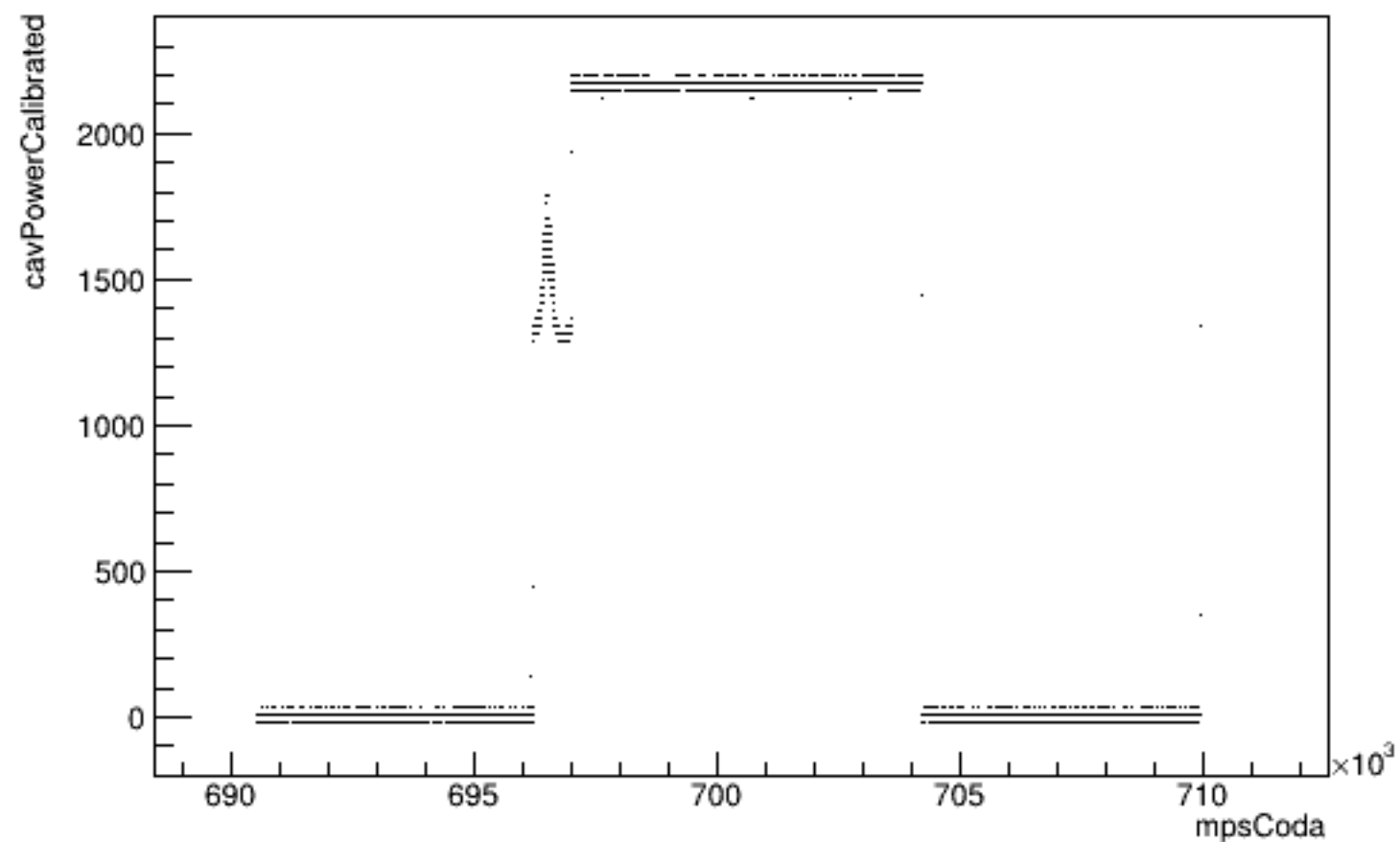
laserState:mpsCoda {mpsCoda>=690537 && mpsCoda<=709916}



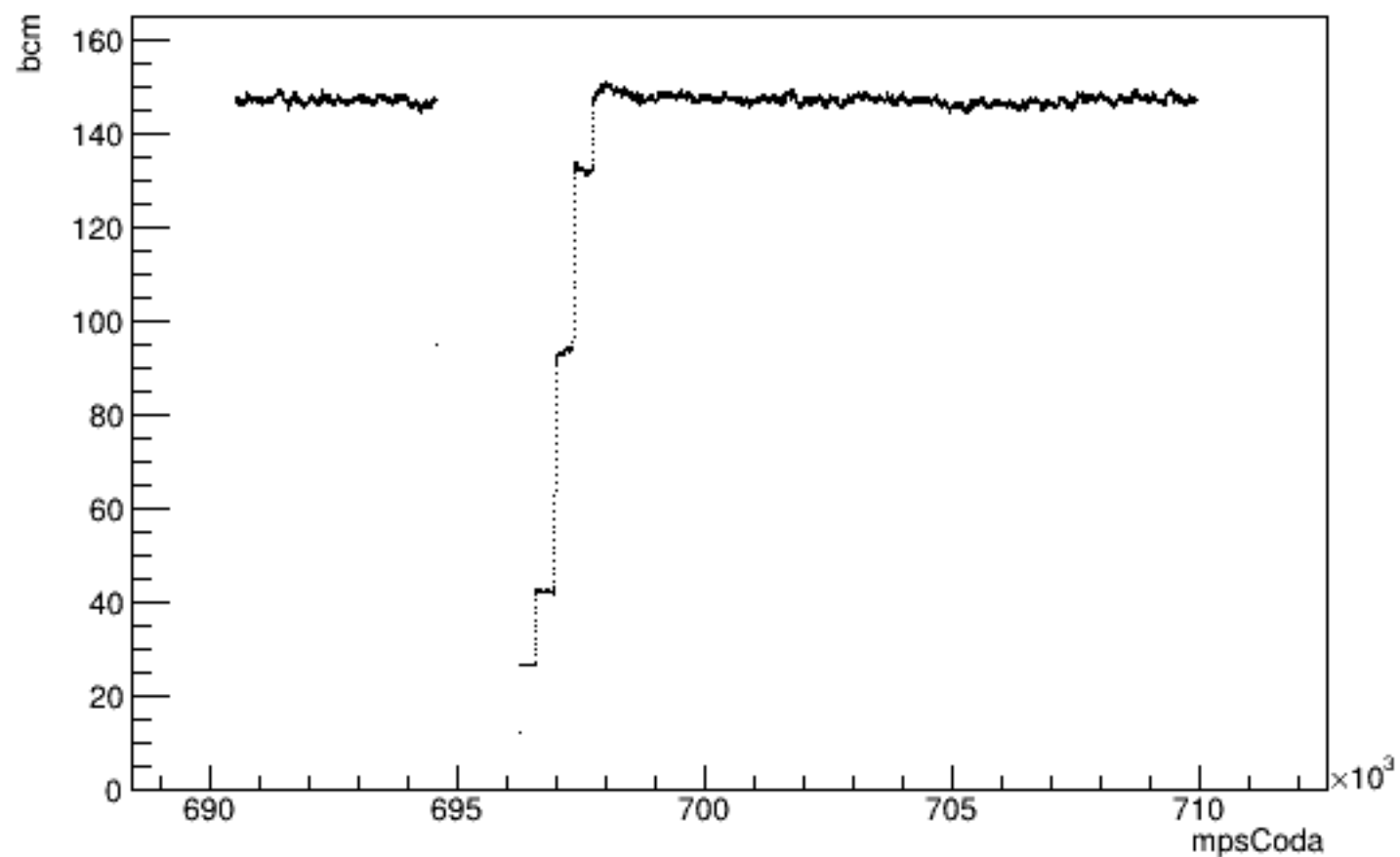
beamState + 1:mpsCoda {mpsCoda>=690537 && mpsCoda<=709916}



cavPowerCalibrated:mpsCoda {mpsCoda>=690537 && mpsCoda<=709916}



bcm:mpsCoda {mpsCoda>=690537 && mpsCoda<=709916}



Cycle 29, Diffs

Entries: 1428

Mean: -0.0016 +/- 0.0011

Std Dev: 0.0425 +/- 0.0008

Entries: 1680

Mean: -0.0020 +/- 0.0010

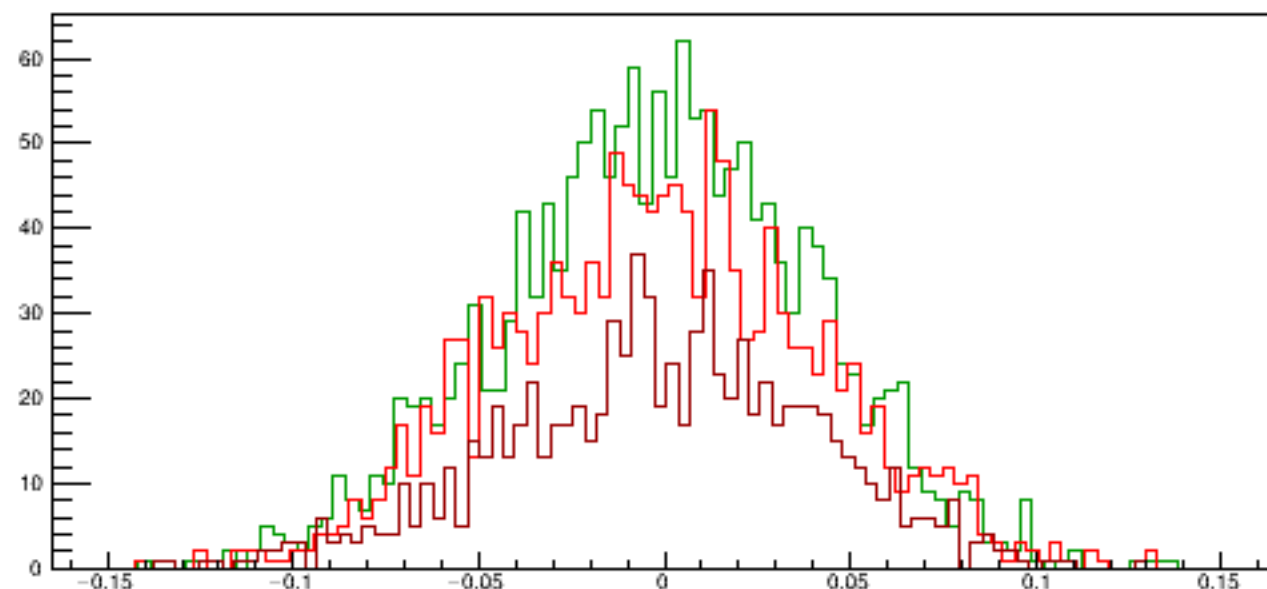
Std Dev: 0.0419 +/- 0.0007

Entries: 855

Mean: -0.0011 +/- 0.0014

Std Dev: 0.0423 +/- 0.0010

Run 6253 quartetwise, Diffs



Cycle 29, Sums

Entries: 1428

Mean: 1.3271 +/- 0.0039

Std Dev: 0.1490 +/- 0.0028

Entries: 1680

Mean: 1.3199 +/- 0.0035

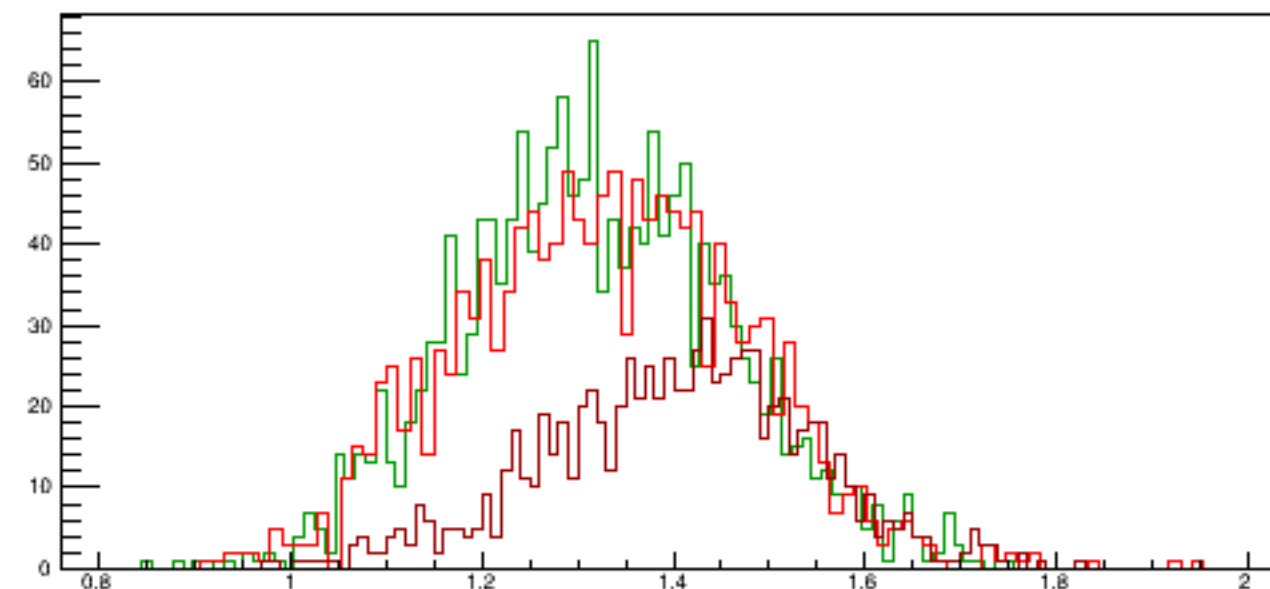
Std Dev: 0.1417 +/- 0.0024

Entries: 855

Mean: 1.4037 +/- 0.0048

Std Dev: 0.1404 +/- 0.0034

Run 6253 quartetwise, Sums



Cycle 29, Asyms

Entries: 1428

Mean: 0.0349 +/- 0.0247

Std Dev: 0.9337 +/- 0.0175

Entries: 1680

Mean: -0.0108 +/- 0.2550

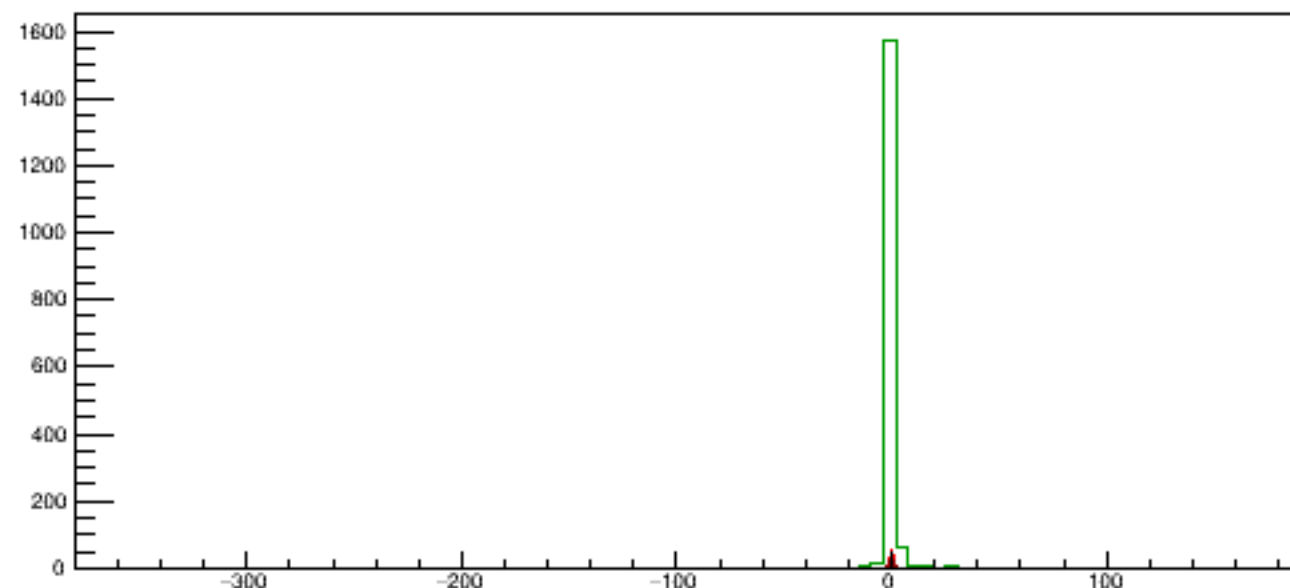
Std Dev: 10.4513 +/- 0.1803

Entries: 855

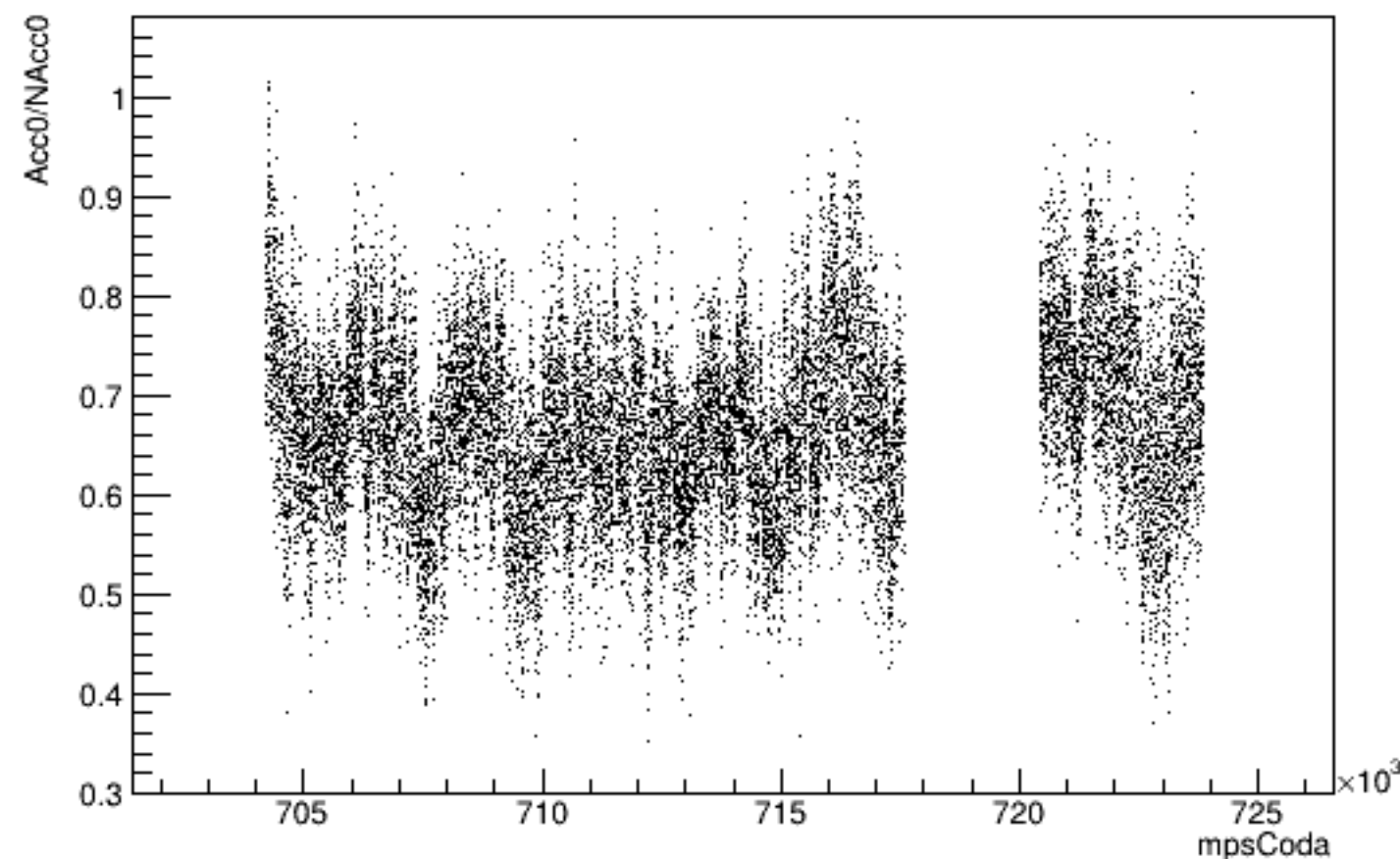
Mean: 0.0239 +/- 0.0318

Std Dev: 0.9296 +/- 0.0225

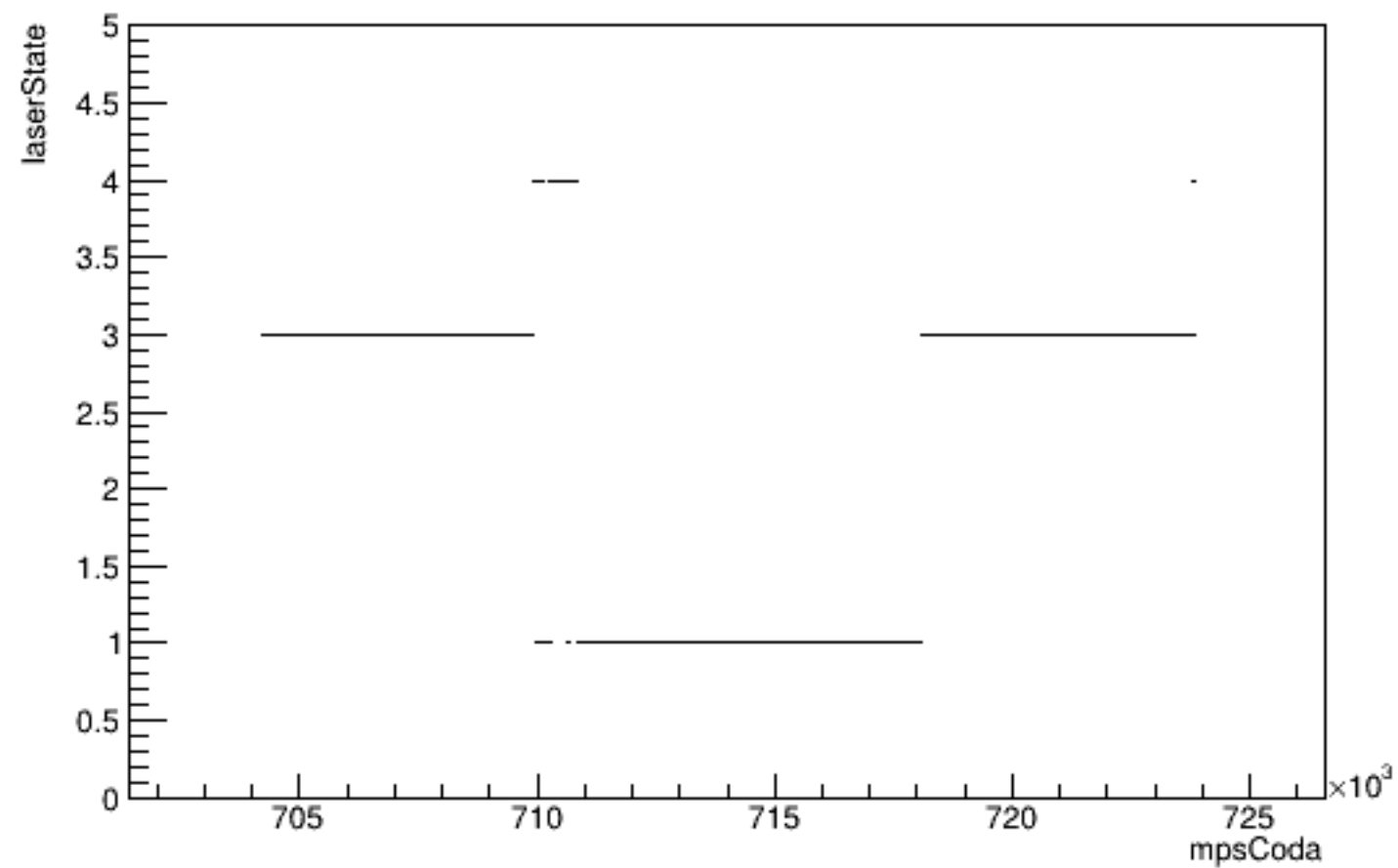
Run 6253 quartetwise, Asyms



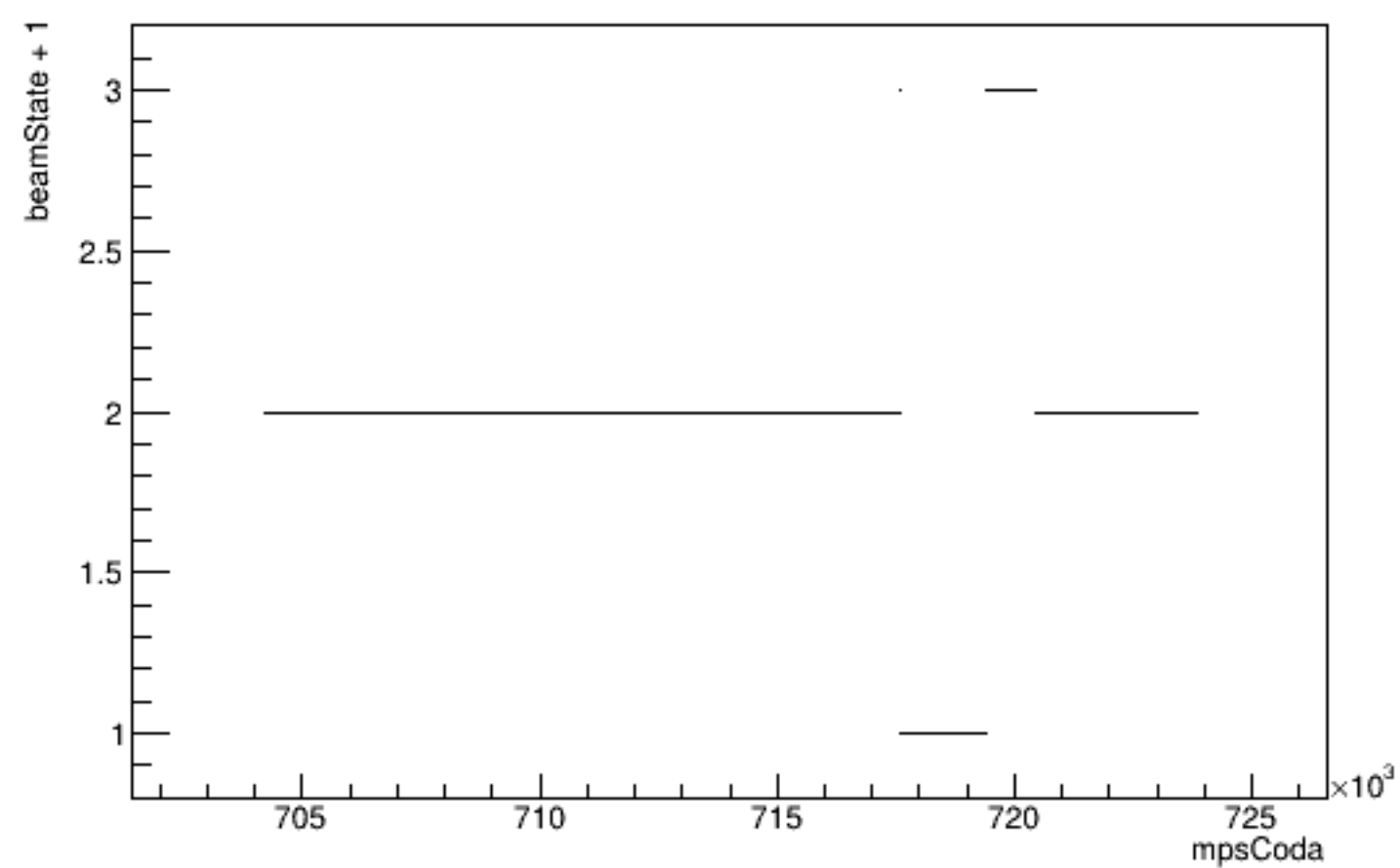
Acc0/NAcc0:mpsCoda (mpsCoda>=704201 && mpsCoda<=723852 && beamState==1)



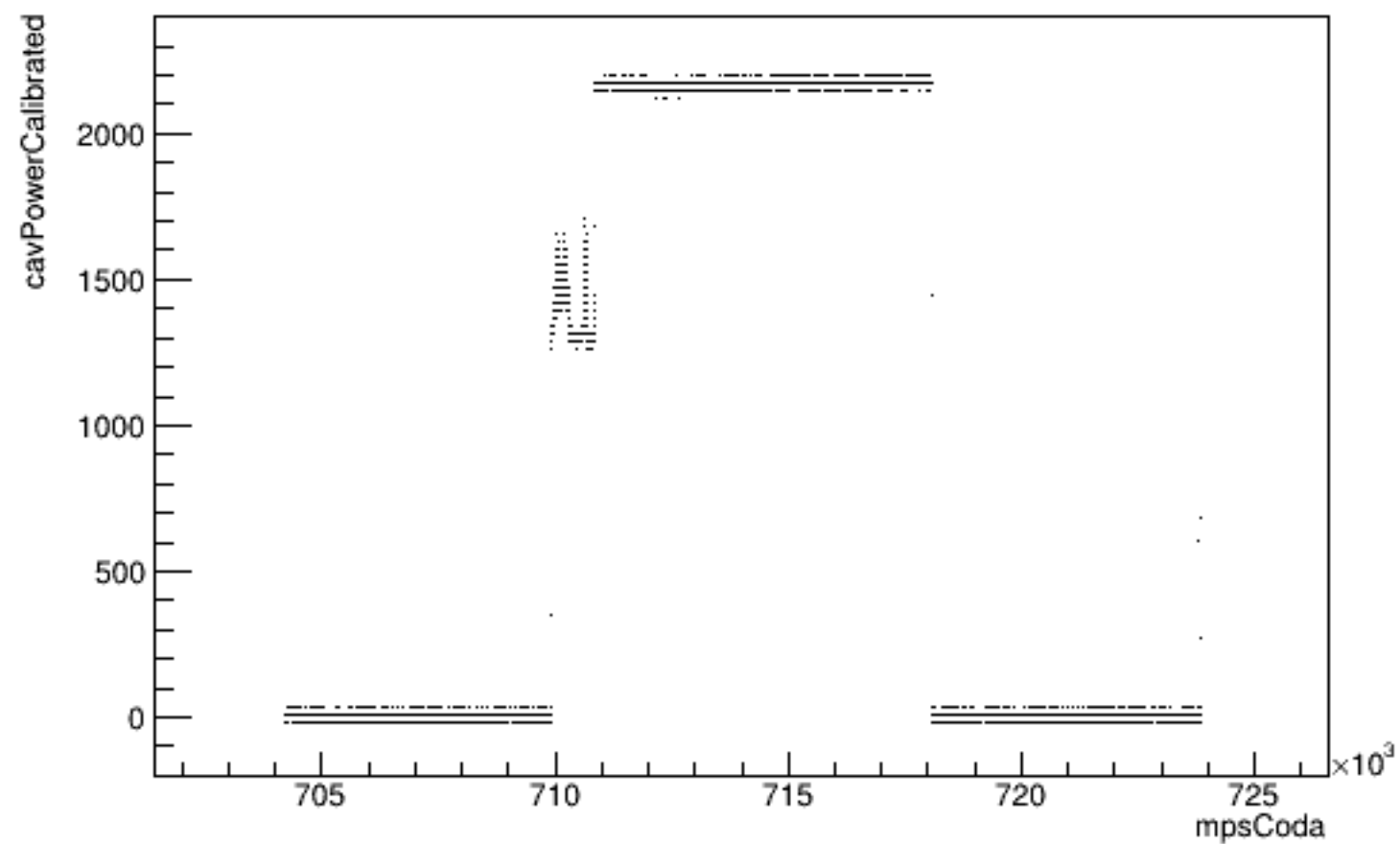
laserState:mpsCoda {mpsCoda>=704201 && mpsCoda<=723852}



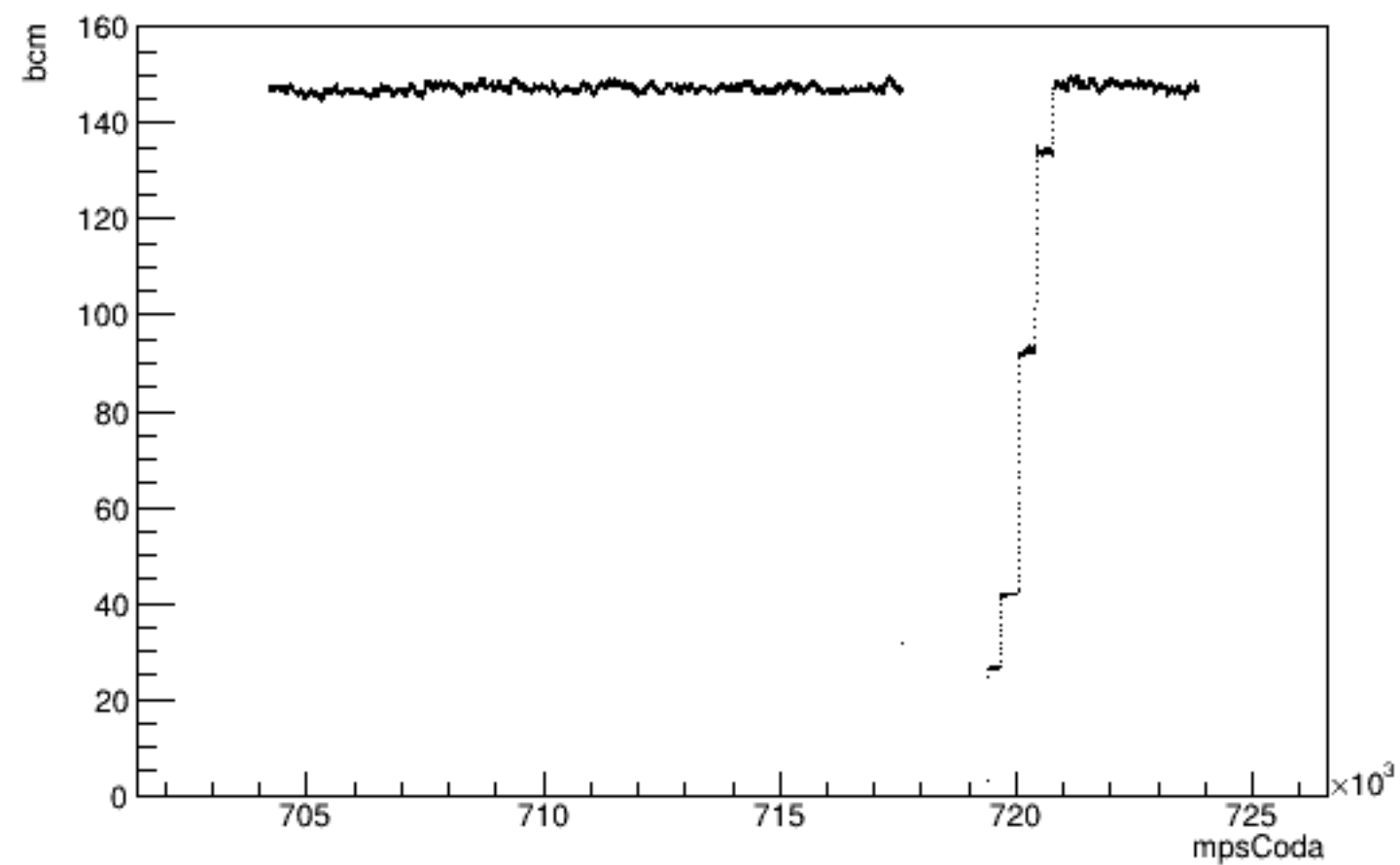
beamState + 1:mpsCoda {mpsCoda>=704201 && mpsCoda<=723852}



cavPowerCalibrated:mpsCoda {mpsCoda>=704201 && mpsCoda<=723852}



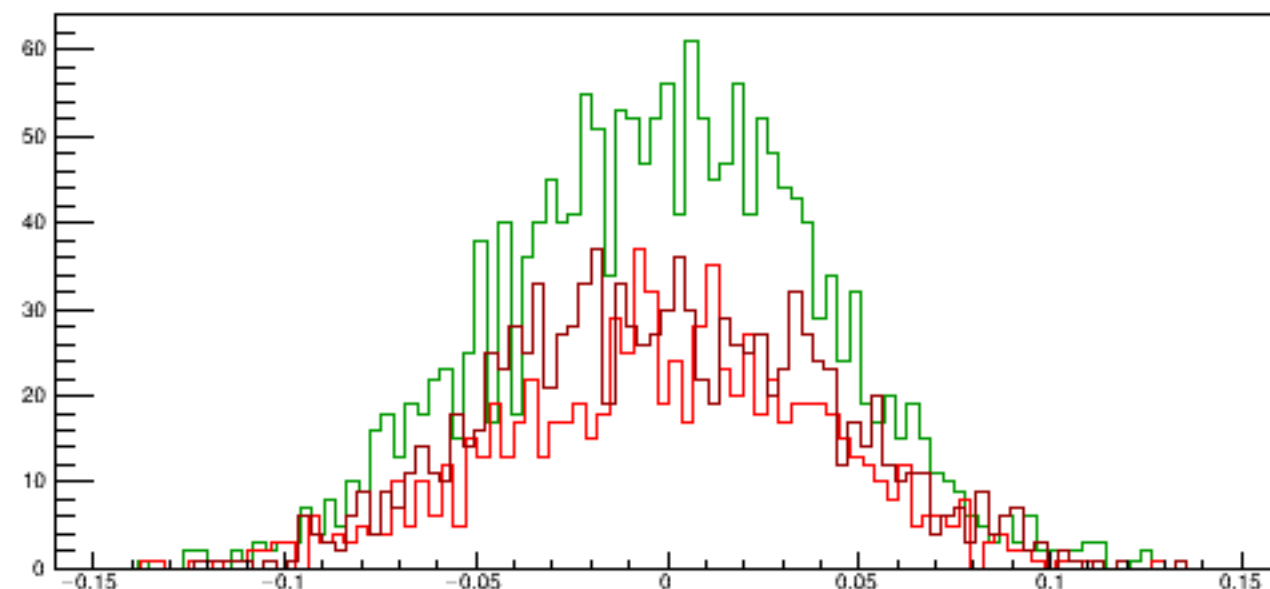
bcm:mpsCoda {mpsCoda>=704201 && mpsCoda<=723852}



Cycle 30, Diffs

Entries: 855	Entries: 1816	Entries: 1121
Mean: -0.0011 +/- 0.0014	Mean: -0.0014 +/- 0.0010	Mean: -0.0011 +/- 0.0013
Std Dev: 0.0423 +/- 0.0010	Std Dev: 0.0418 +/- 0.0007	Std Dev: 0.0426 +/- 0.0009

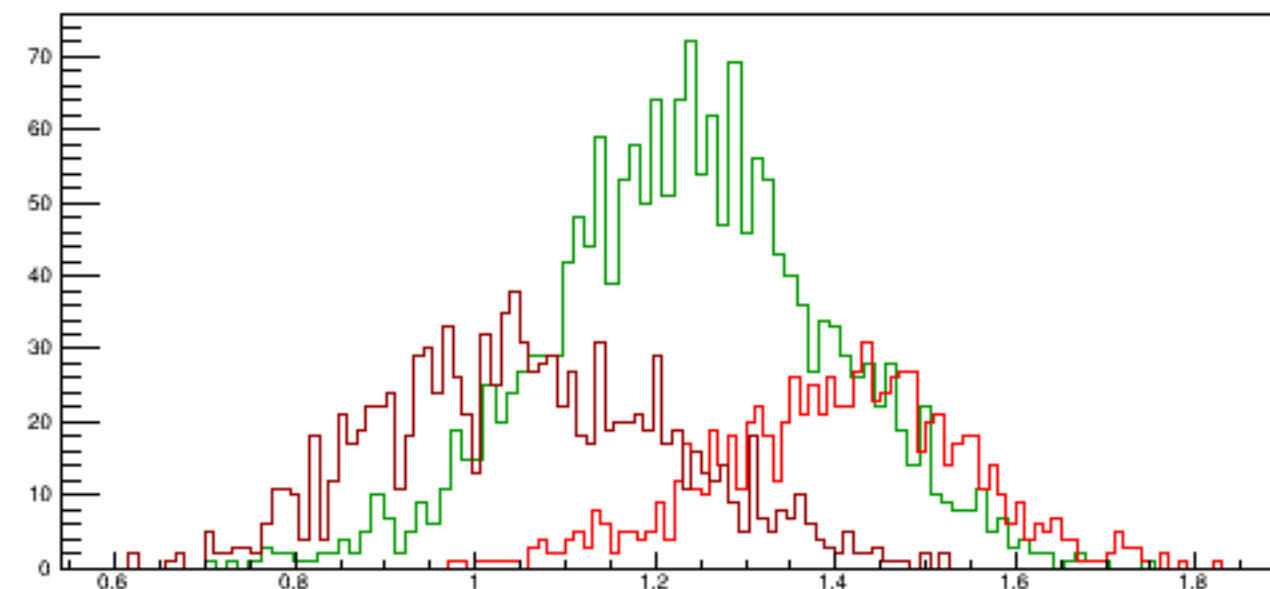
Run 6253 quartetwise, Diffs



Cycle 30, Sums

Entries: 855	Entries: 1816	Entries: 1121
Mean: 1.4037 +/- 0.0048	Mean: 1.2376 +/- 0.0037	Mean: 1.0583 +/- 0.0048
Std Dev: 0.1404 +/- 0.0034	Std Dev: 0.1562 +/- 0.0026	Std Dev: 0.1611 +/- 0.0034

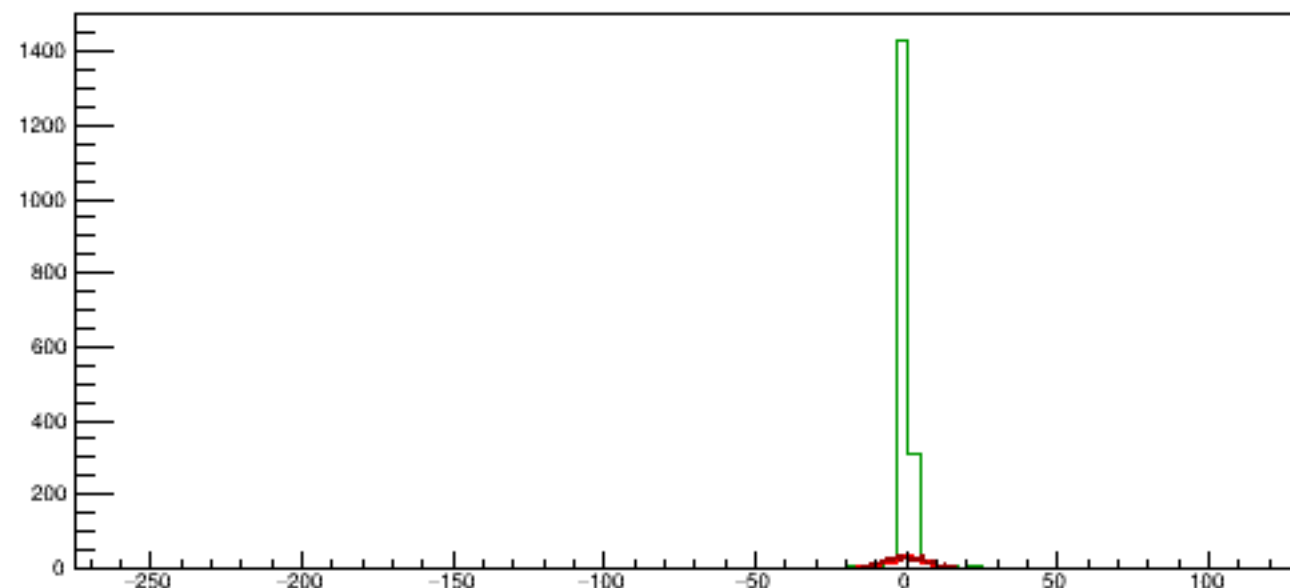
Run 6253 quartetwise, Sums



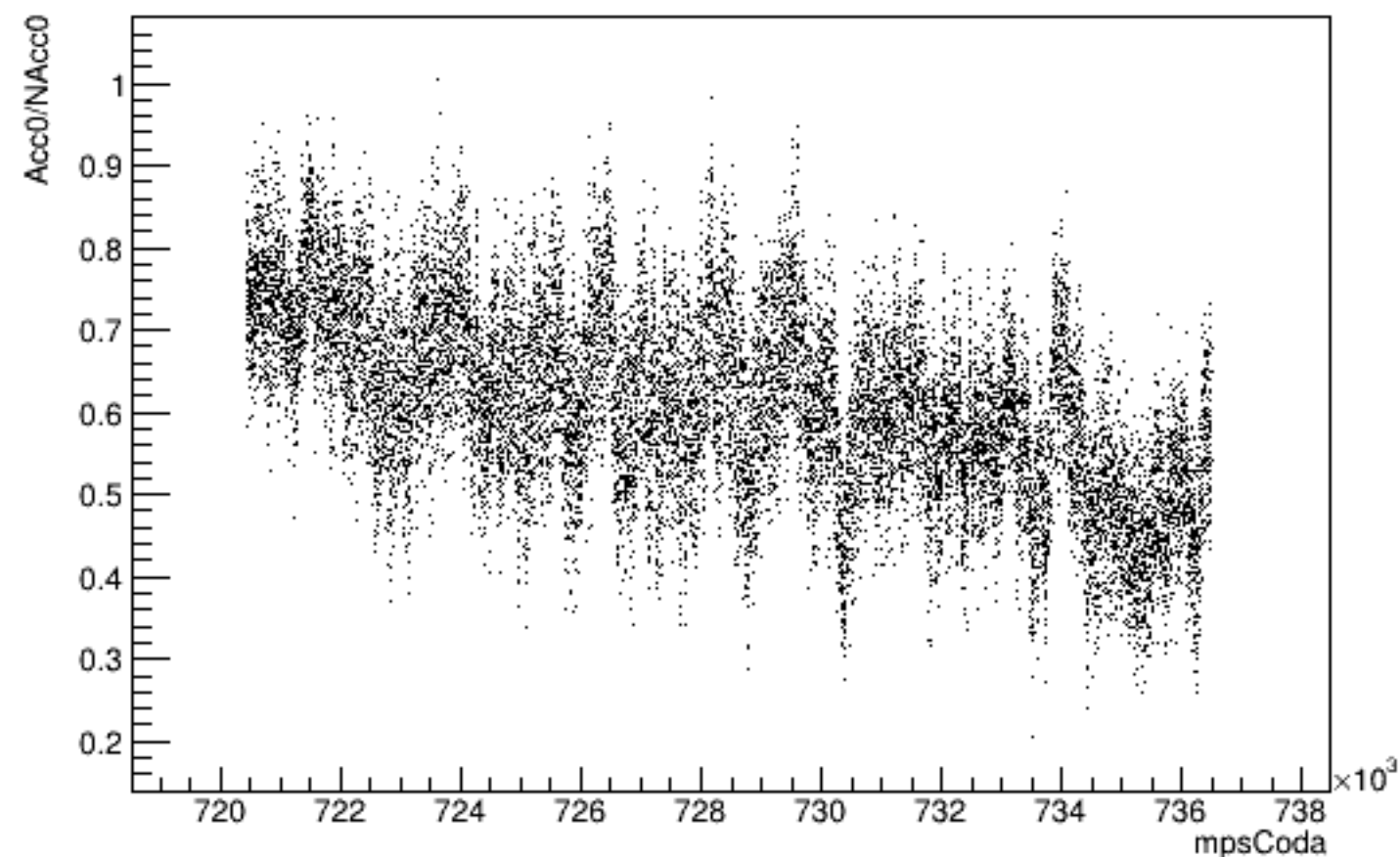
Cycle 30, Asyms

Entries: 855	Entries: 1816	Entries: 1121
Mean: -0.1654 +/- 0.2201	Mean: 0.0384 +/- 0.1842	Mean: -0.1736 +/- 0.1935
Std Dev: 6.4348 +/- 0.1556	Std Dev: 7.8495 +/- 0.1302	Std Dev: 6.4774 +/- 0.1368

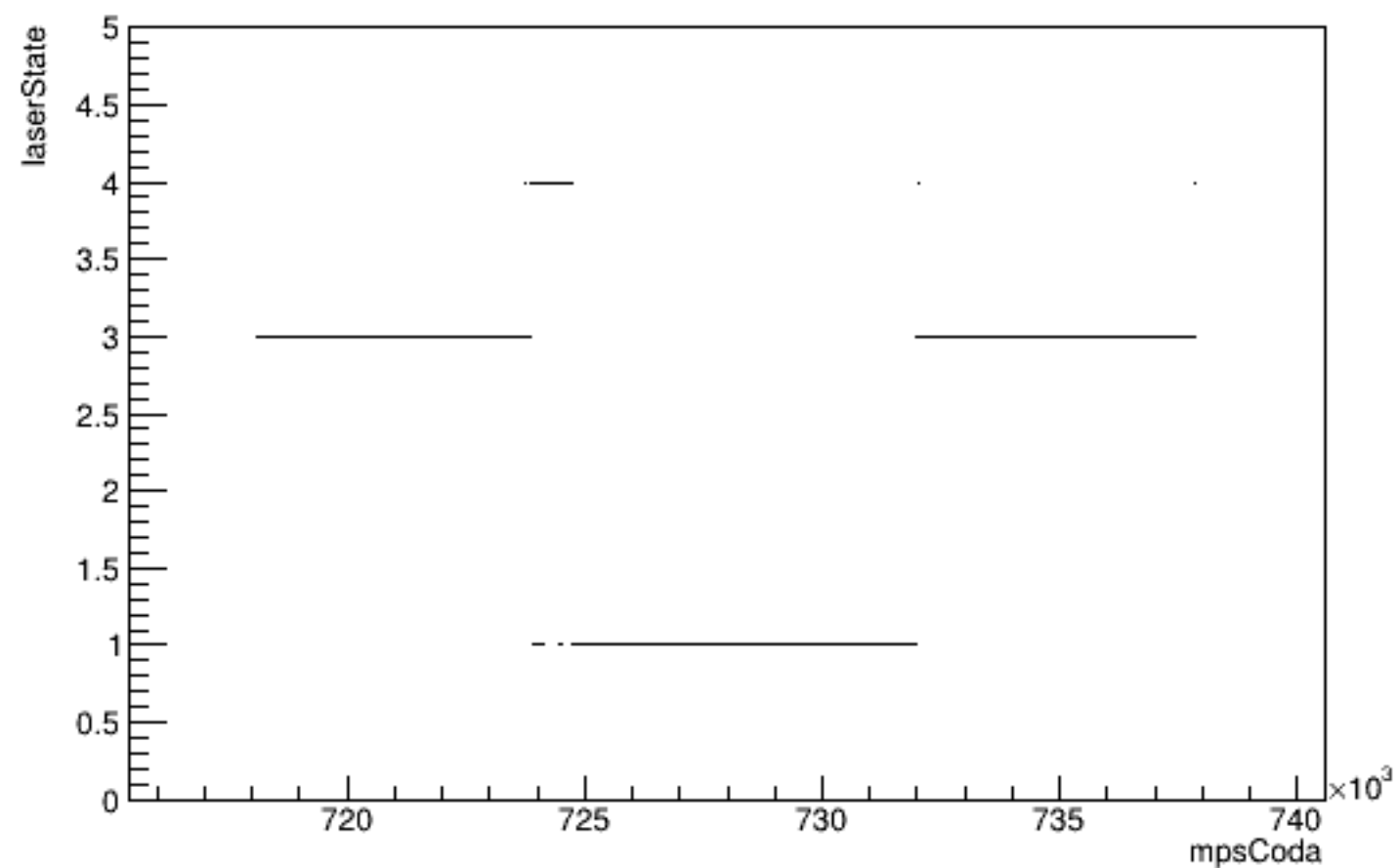
Run 6253 quartetwise, Asyms



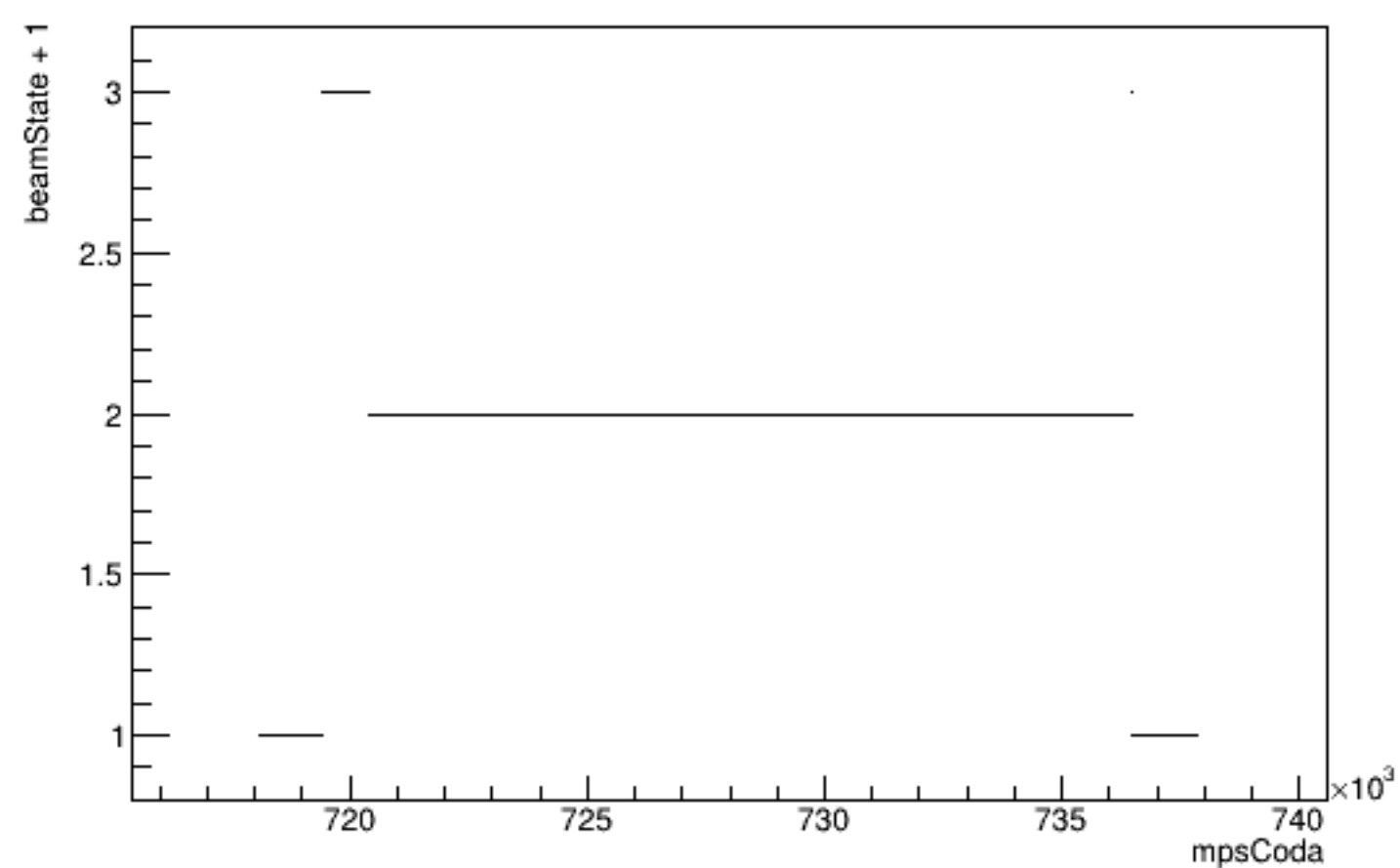
Acc0/NAcc0:mpsCoda (mpsCoda>=718069 && mpsCoda<=737824 && beamState==1)



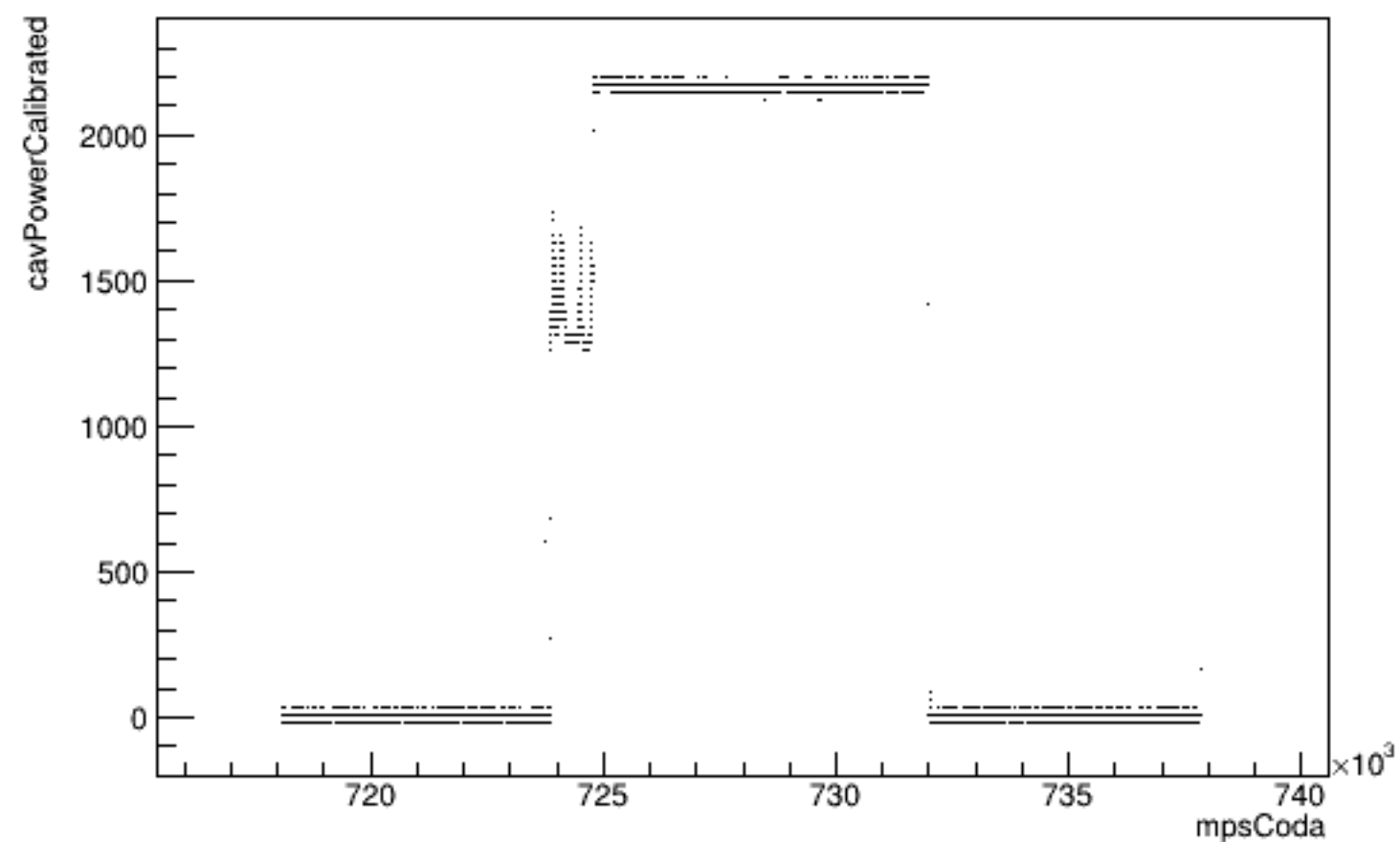
laserState:mpsCoda {mpsCoda>=718069 && mpsCoda<=737824}



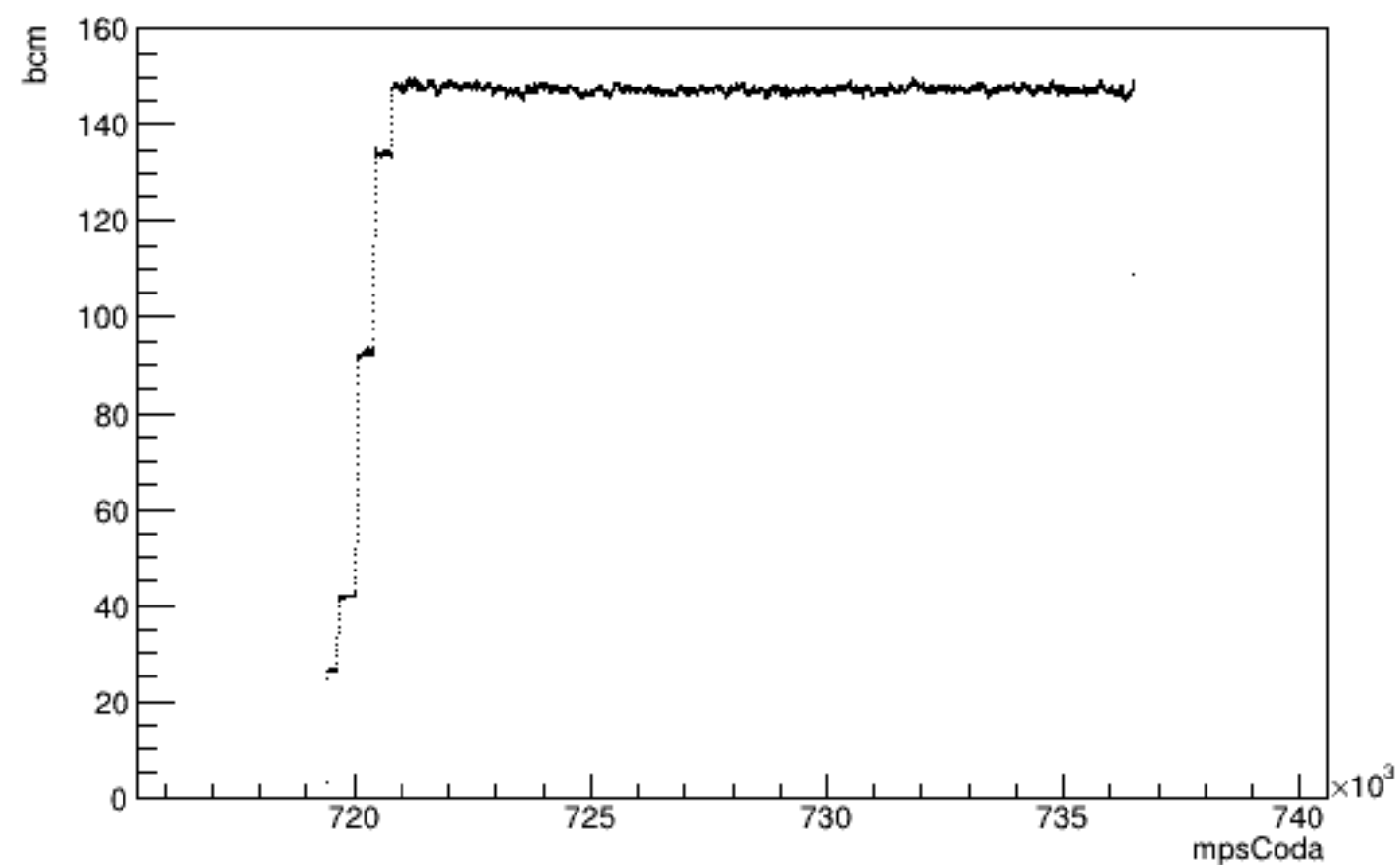
beamState + 1:mpsCoda {mpsCoda>=718069 && mpsCoda<=737824}



cavPowerCalibrated:mpsCoda {mpsCoda>=718069 && mpsCoda<=737824}



bcm:mpsCoda {mpsCoda>=718069 && mpsCoda<=737824}



Cycle 31, Diffs

Entries: 1329

Mean: -0.0025 +/- 0.0011

Std Dev: 0.0411 +/- 0.0008

Entries: 299

Mean: -0.0010 +/- 0.0024

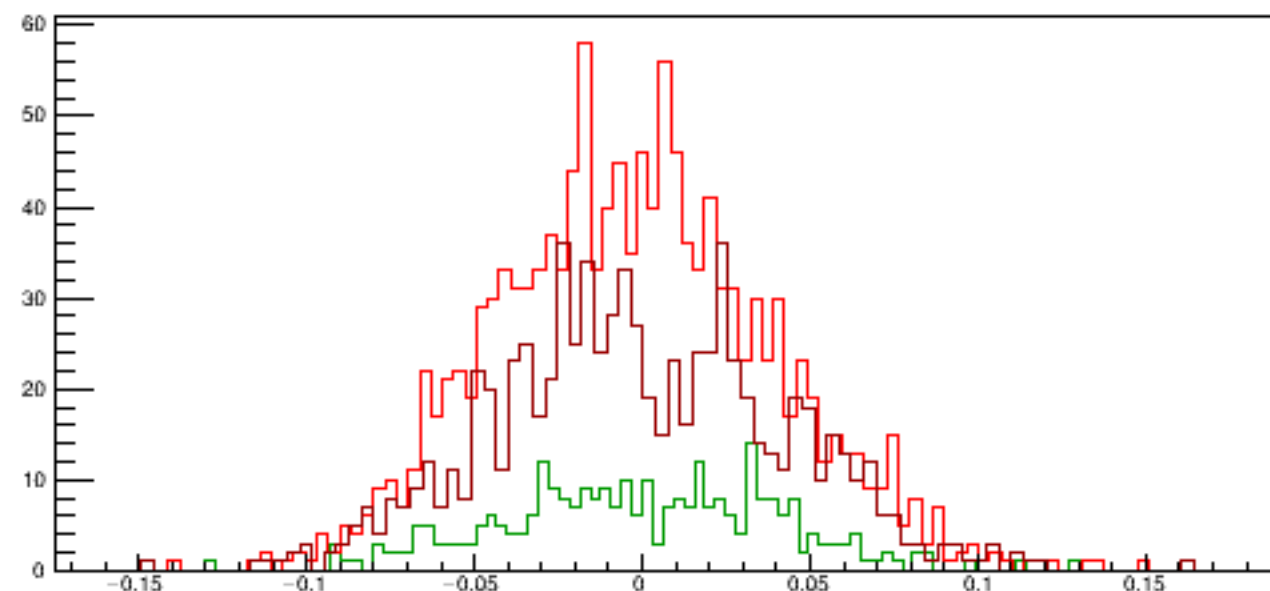
Std Dev: 0.0411 +/- 0.0017

Entries: 807

Mean: -0.0014 +/- 0.0015

Std Dev: 0.0431 +/- 0.0011

Run 6253 quartetwise, Diffs



Cycle 31, Sums

Entries: 1329

Mean: 1.2465 +/- 0.0038

Std Dev: 0.1388 +/- 0.0027

Entries: 299

Mean: 1.1169 +/- 0.0077

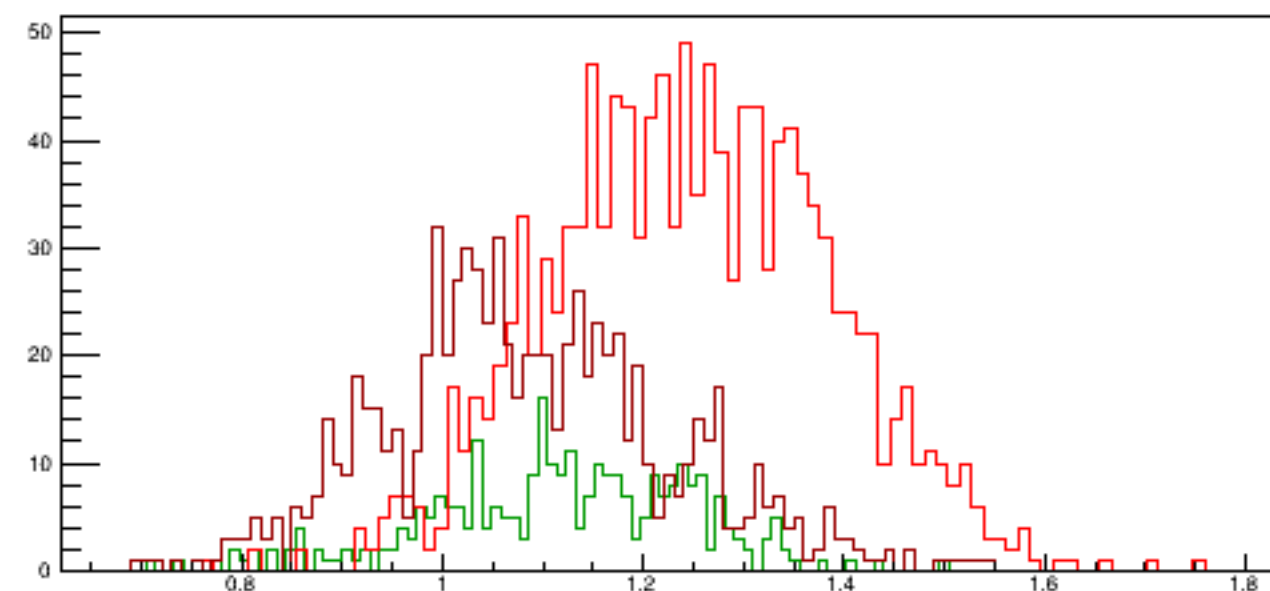
Std Dev: 0.1326 +/- 0.0054

Entries: 807

Mean: 1.0871 +/- 0.0050

Std Dev: 0.1433 +/- 0.0036

Run 6253 quartetwise, Sums



Cycle 31, Asyms

Entries: 1329

Mean: 0.0503 +/- 0.0226

Std Dev: 0.8241 +/- 0.0160

Entries: 299

Mean: 0.1161 +/- 0.1709

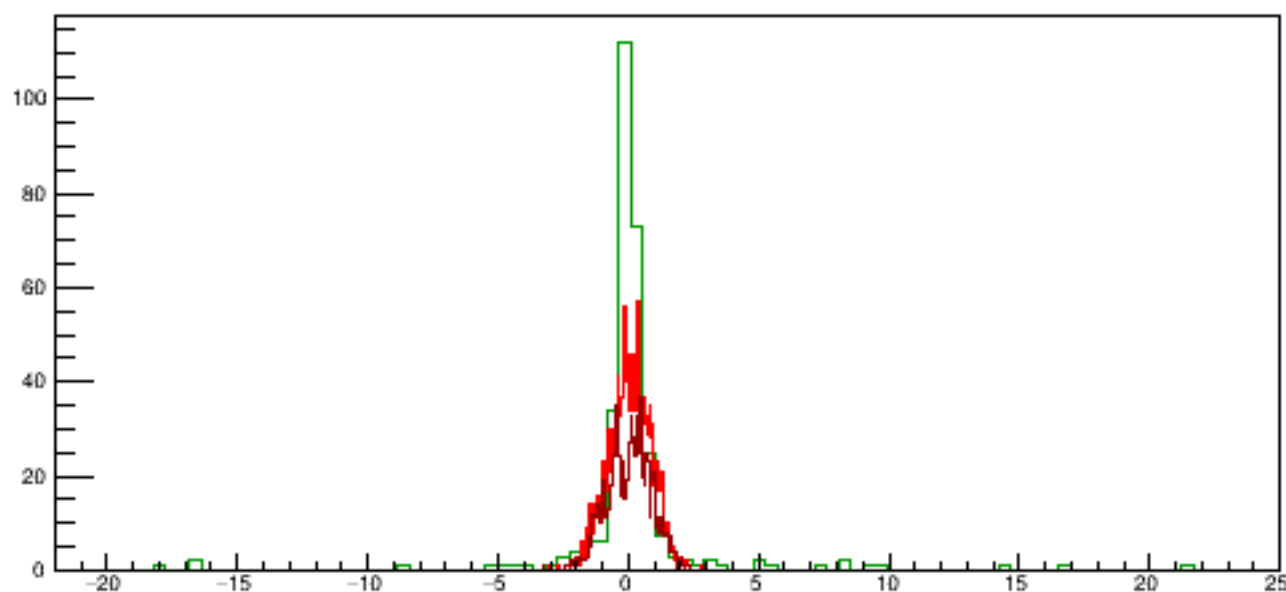
Std Dev: 2.9554 +/- 0.1209

Entries: 807

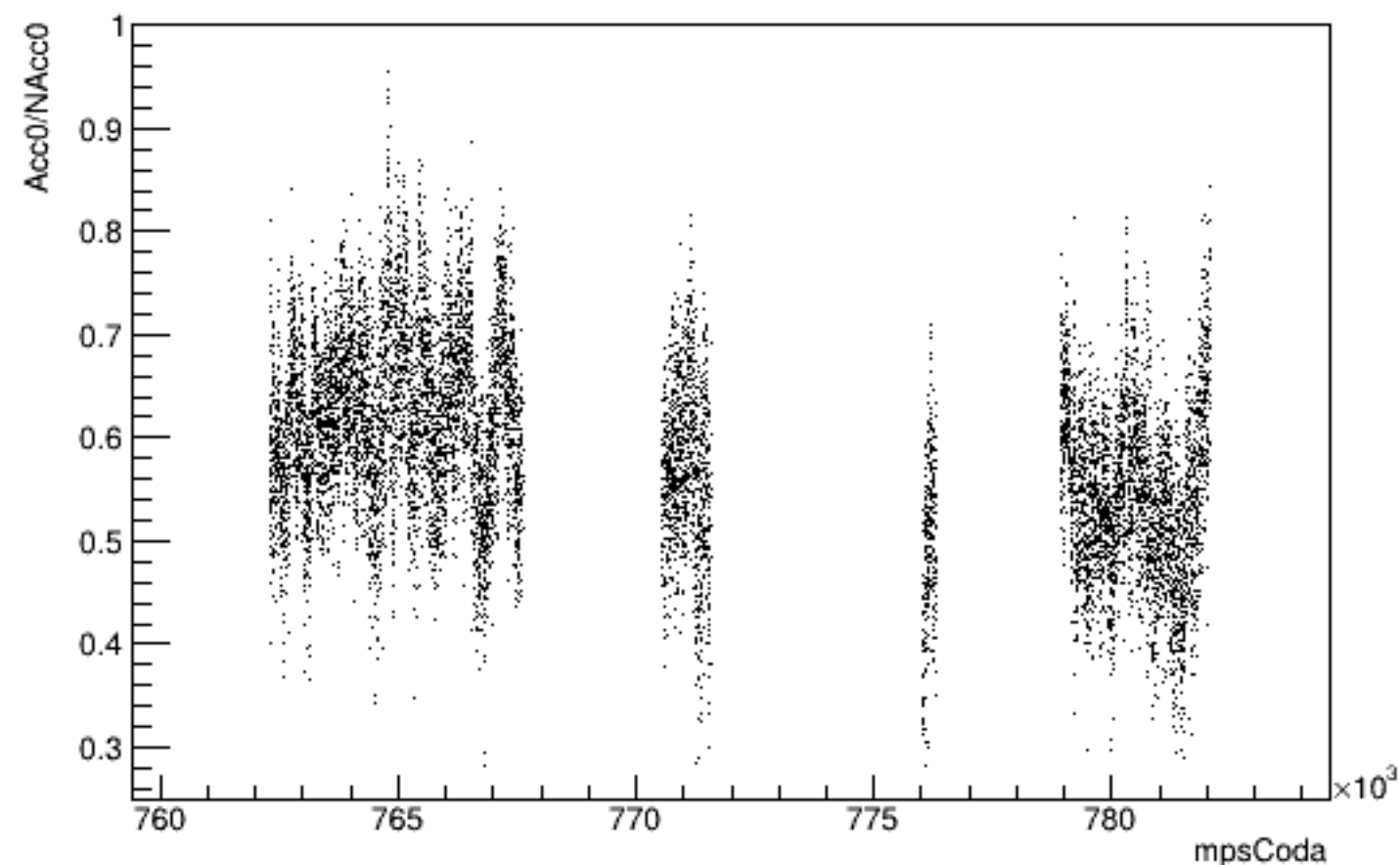
Mean: 0.0279 +/- 0.0304

Std Dev: 0.8631 +/- 0.0215

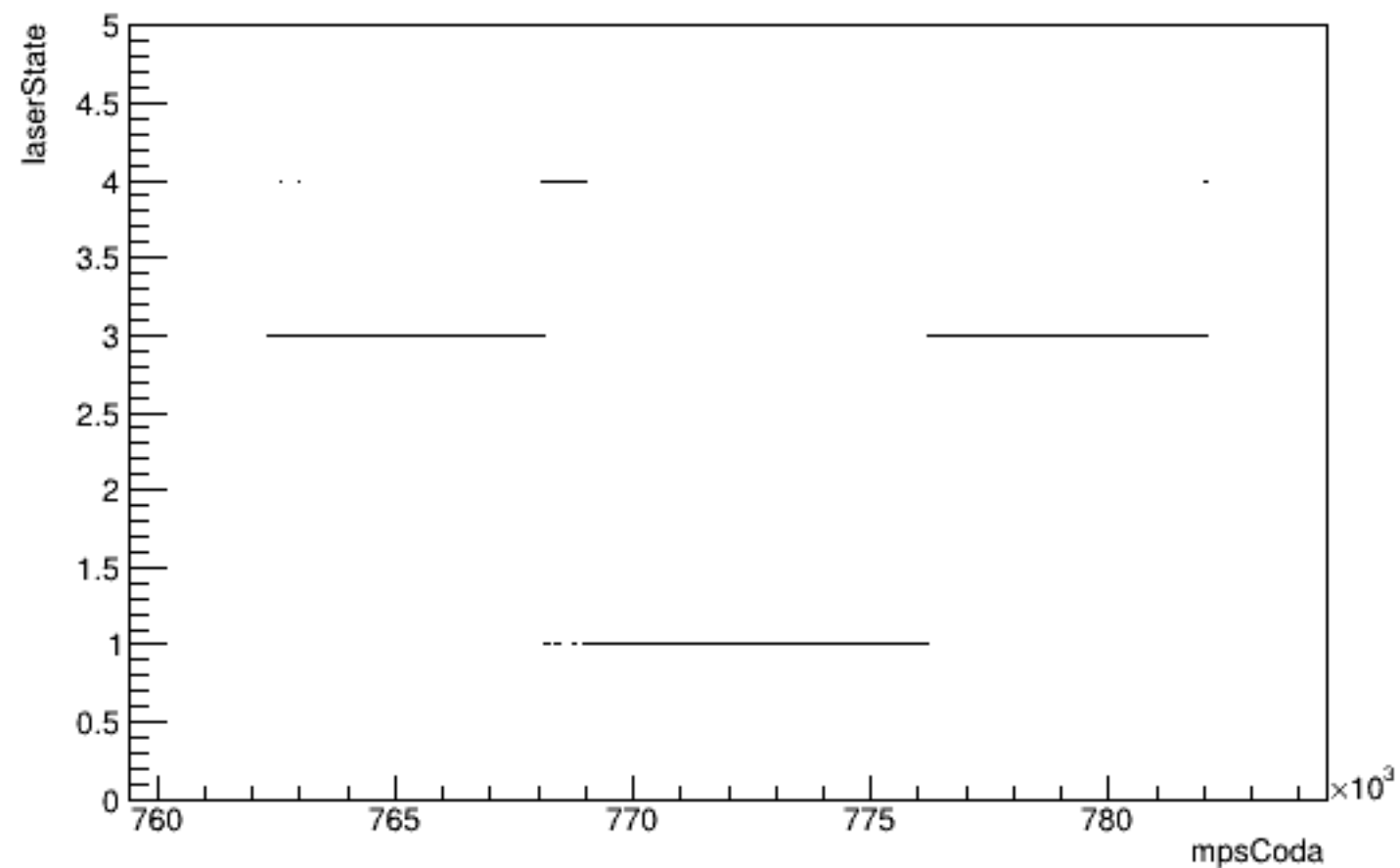
Run 6253 quartetwise, Asyms



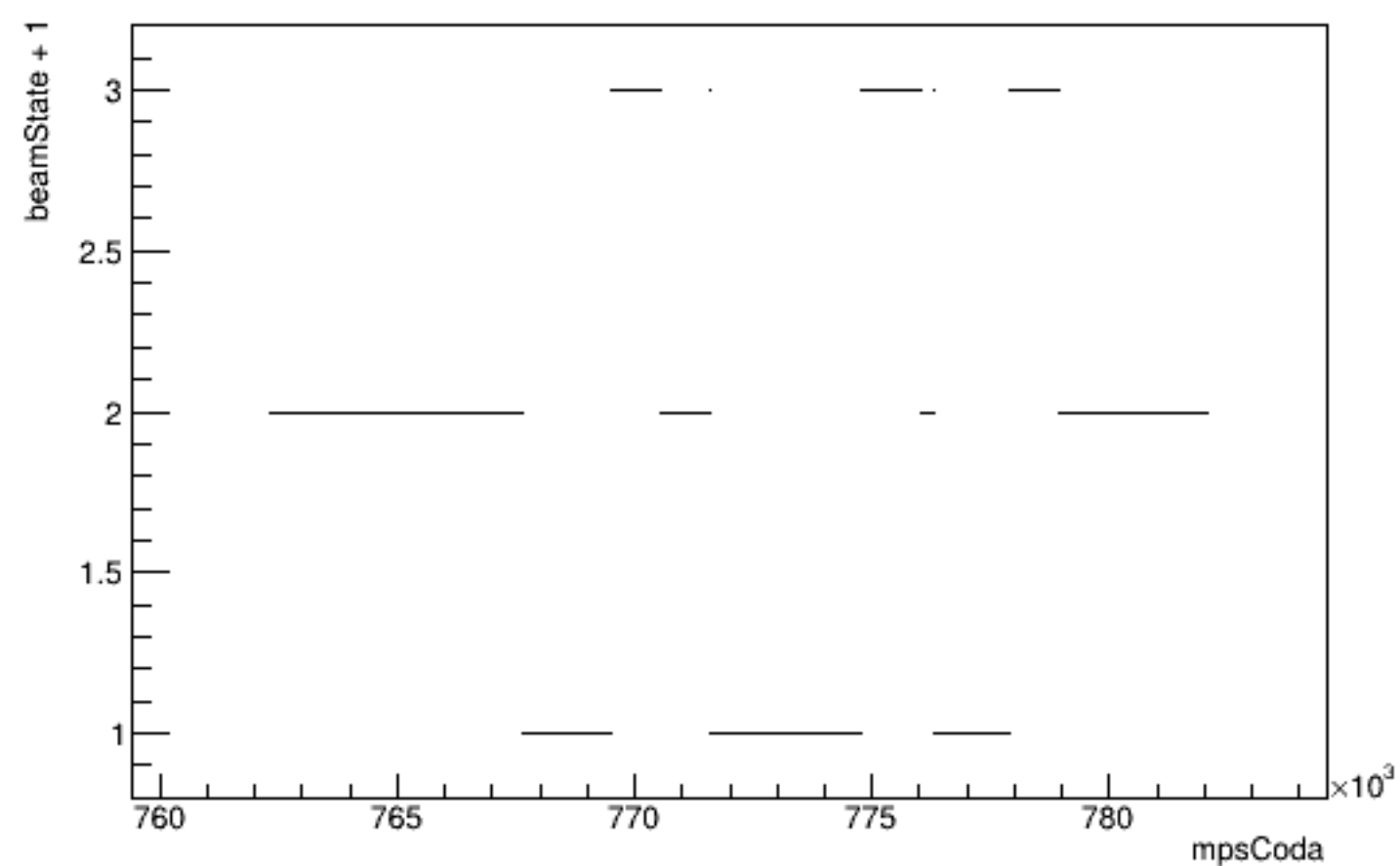
Acc0/NAcc0:mpsCoda (mpsCoda>=762289 && mpsCoda<=782068 && beamState==1)



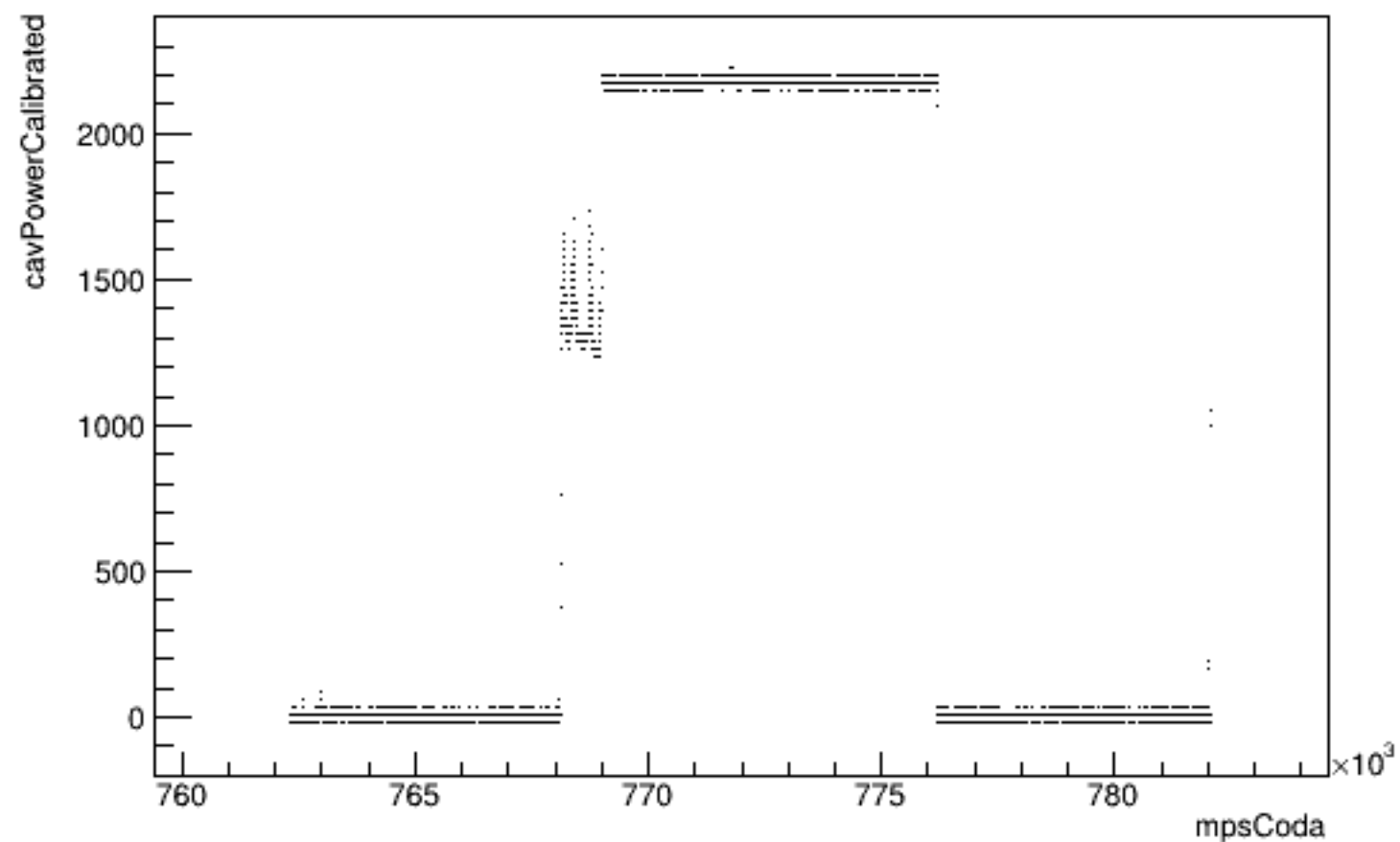
laserState:mpsCoda {mpsCoda>=762289 && mpsCoda<=782068}



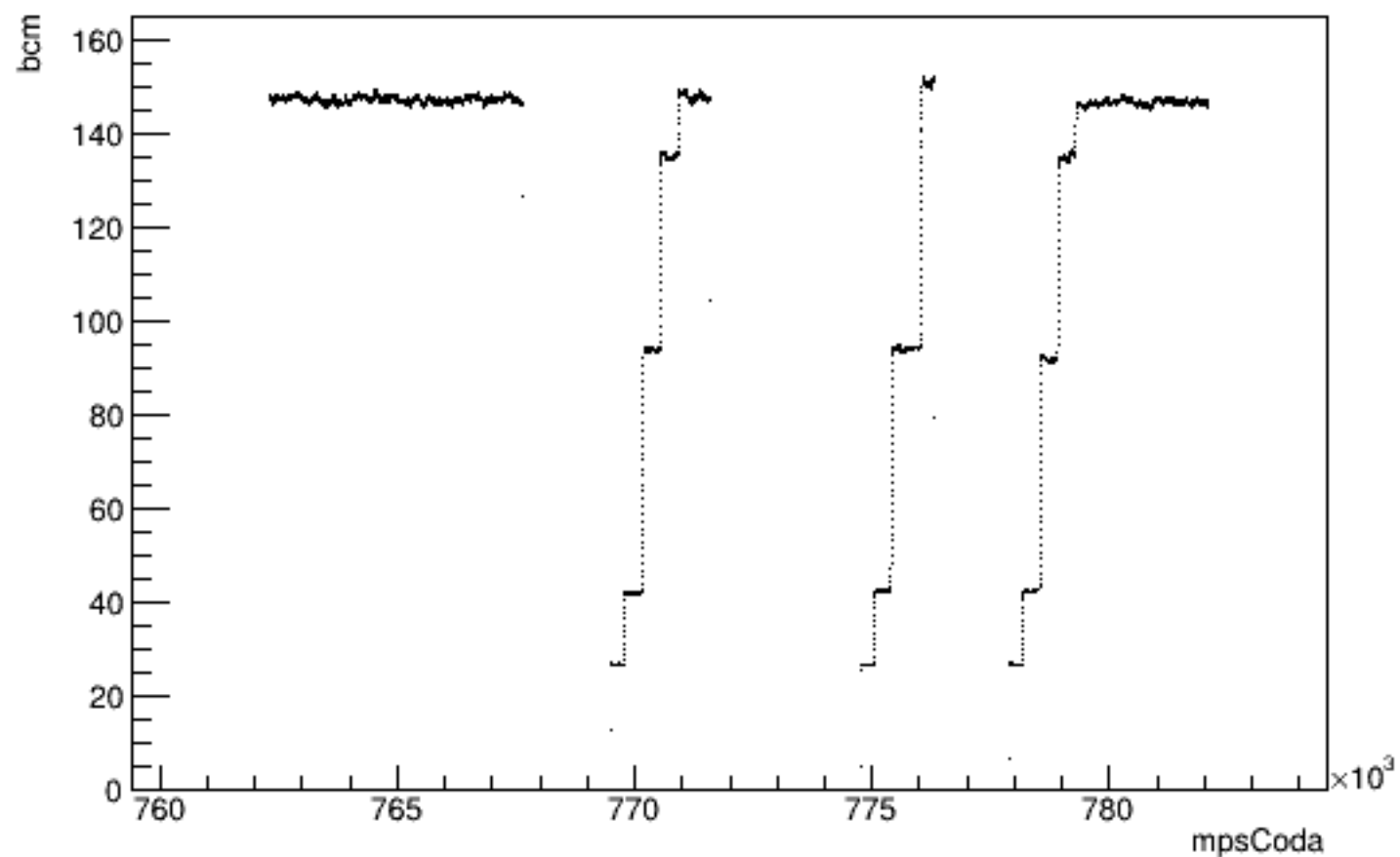
beamState + 1:mpsCoda {mpsCoda>=762289 && mpsCoda<=782068}



cavPowerCalibrated:mpsCoda {mpsCoda>=762289 && mpsCoda<=782068}



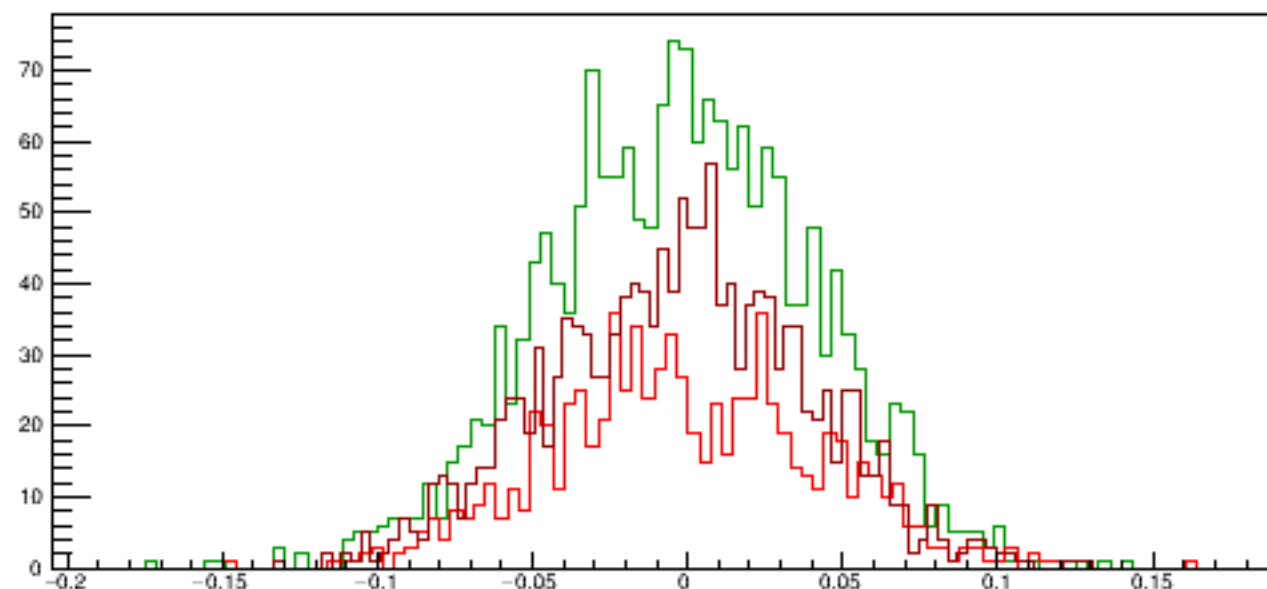
bcm:mpsCoda {mpsCoda>=762289 && mpsCoda<=782068}



Cycle 32, Diffs

Entries: 807	Entries: 1861	Entries: 1462
Mean: -0.0014 +/- 0.0015	Mean: -0.0027 +/- 0.0010	Mean: -0.0032 +/- 0.0011
Std Dev: 0.0431 +/- 0.0011	Std Dev: 0.0424 +/- 0.0007	Std Dev: 0.0414 +/- 0.0008

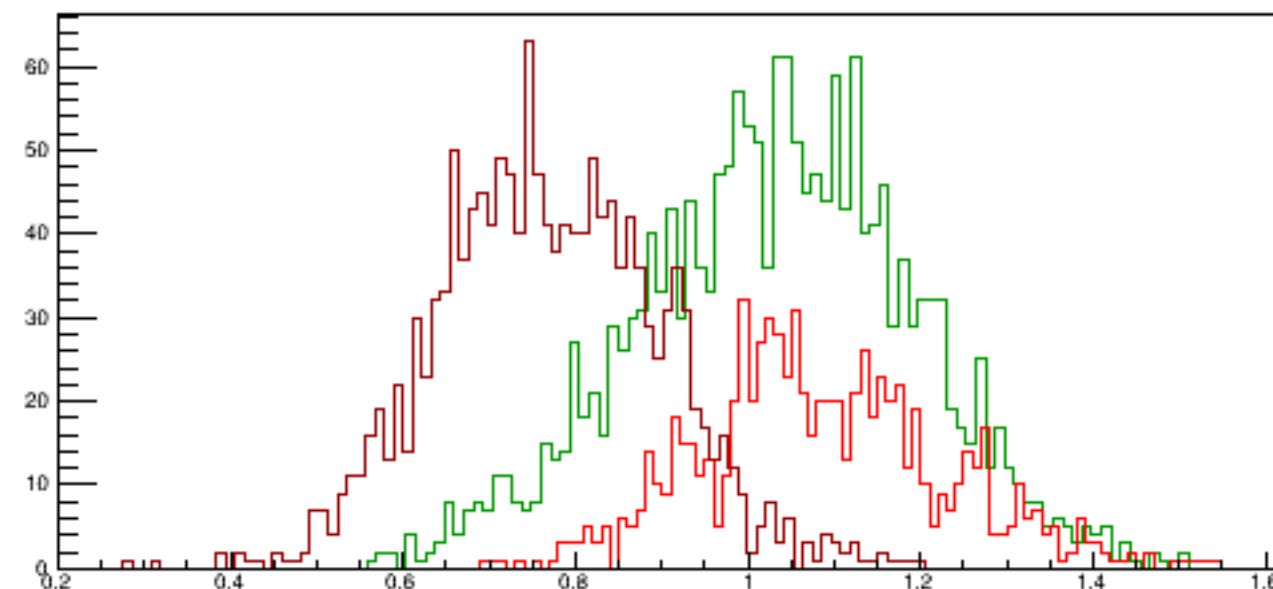
Run 6253 quartetwise, Diffs



Cycle 32, Sums

Entries: 807	Entries: 1861	Entries: 1462
Mean: 1.0871 +/- 0.0050	Mean: 1.0314 +/- 0.0037	Mean: 0.7690 +/- 0.0034
Std Dev: 0.1433 +/- 0.0036	Std Dev: 0.1606 +/- 0.0026	Std Dev: 0.1292 +/- 0.0024

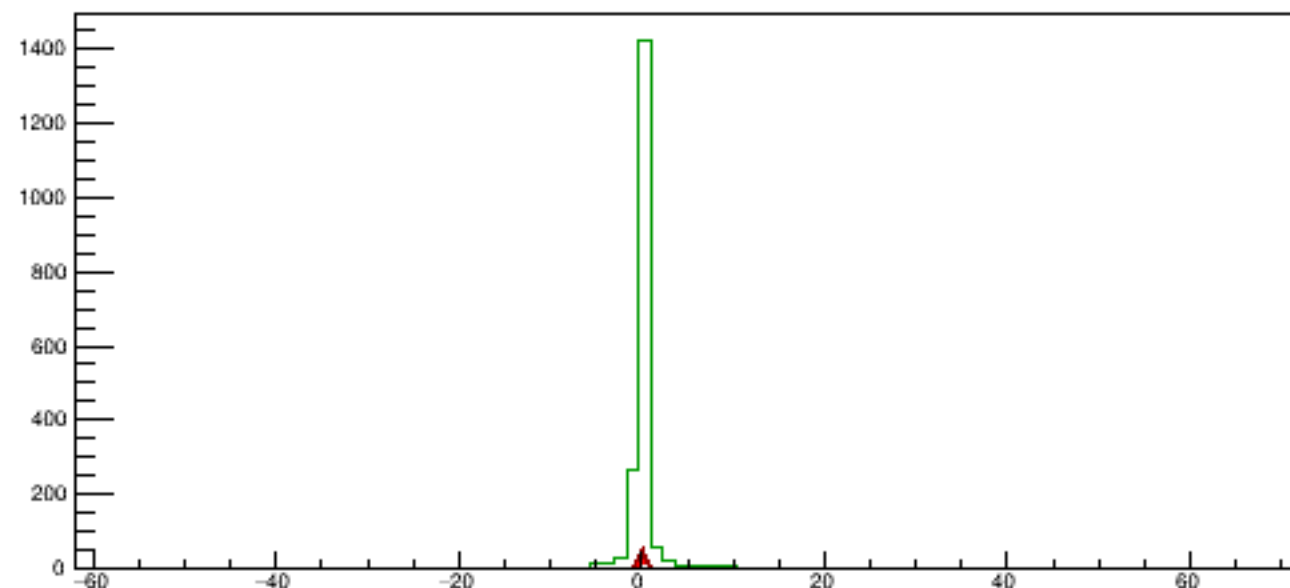
Run 6253 quartetwise, Sums



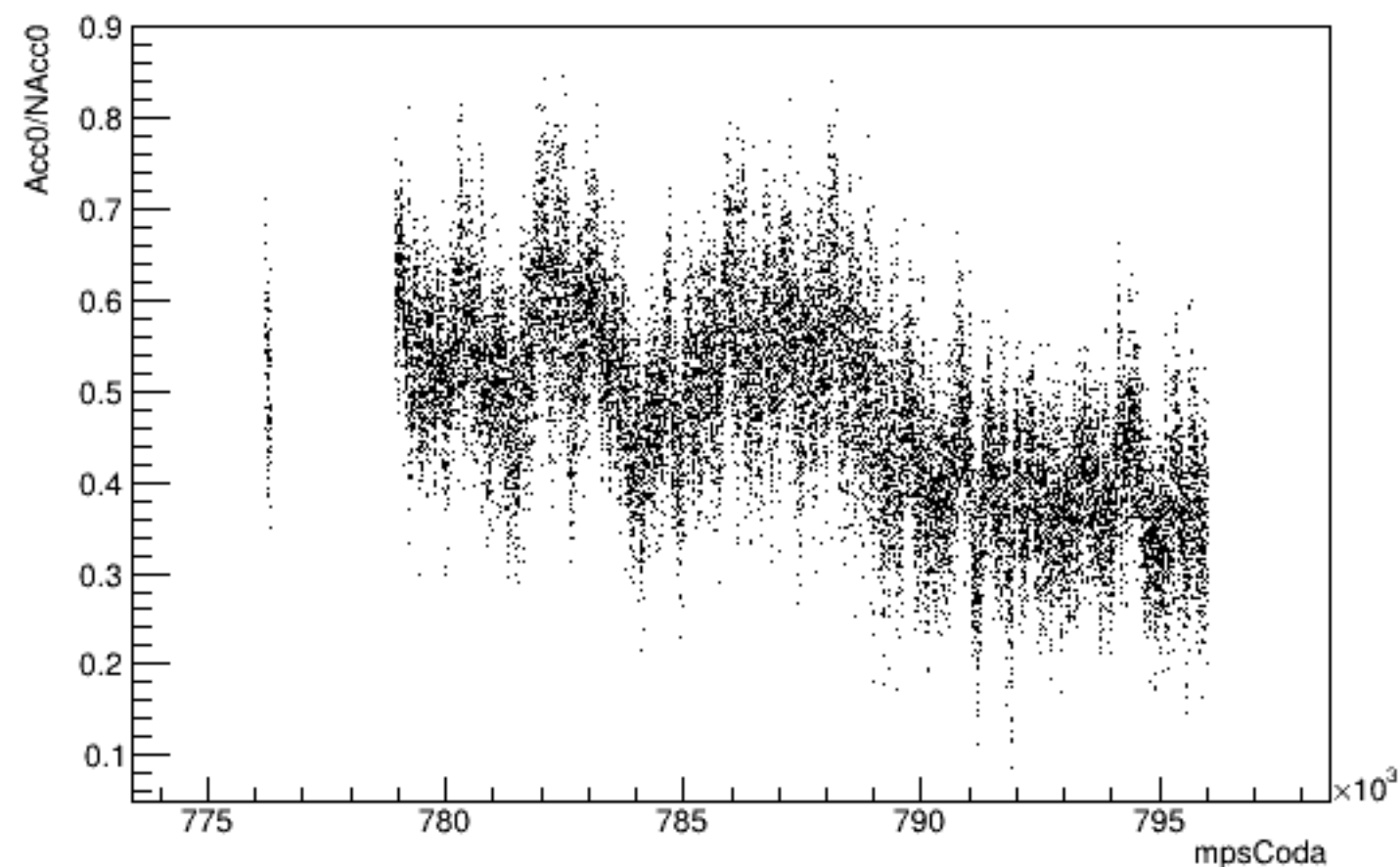
Cycle 32, Asyms

Entries: 807	Entries: 1861	Entries: 1462
Mean: -0.0134 +/- 0.0147	Mean: -0.1109 +/- 0.0714	Mean: -0.0311 +/- 0.0105
Std Dev: 0.4164 +/- 0.0104	Std Dev: 3.0803 +/- 0.0505	Std Dev: 0.4004 +/- 0.0074

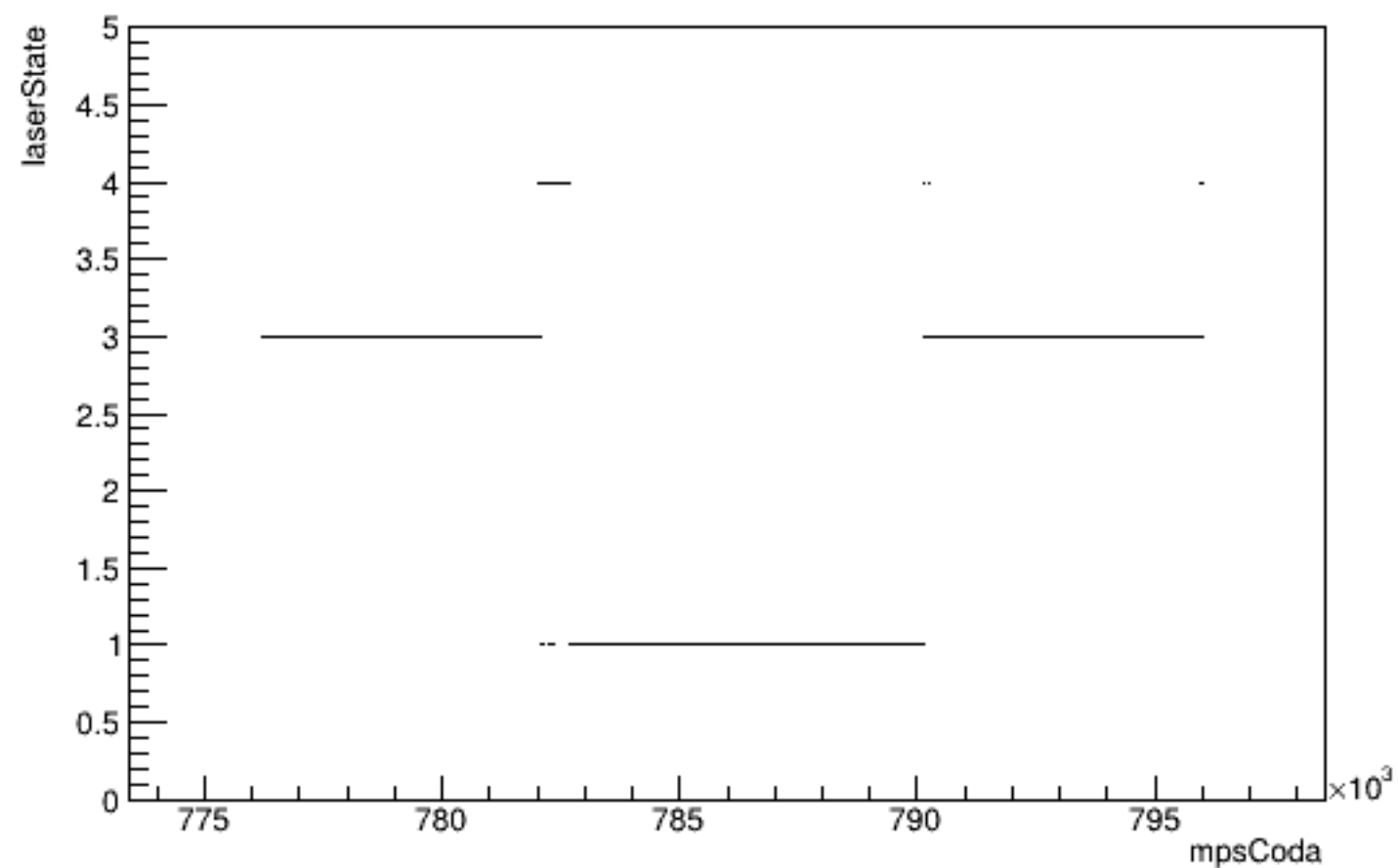
Run 6253 quartetwise, Asyms



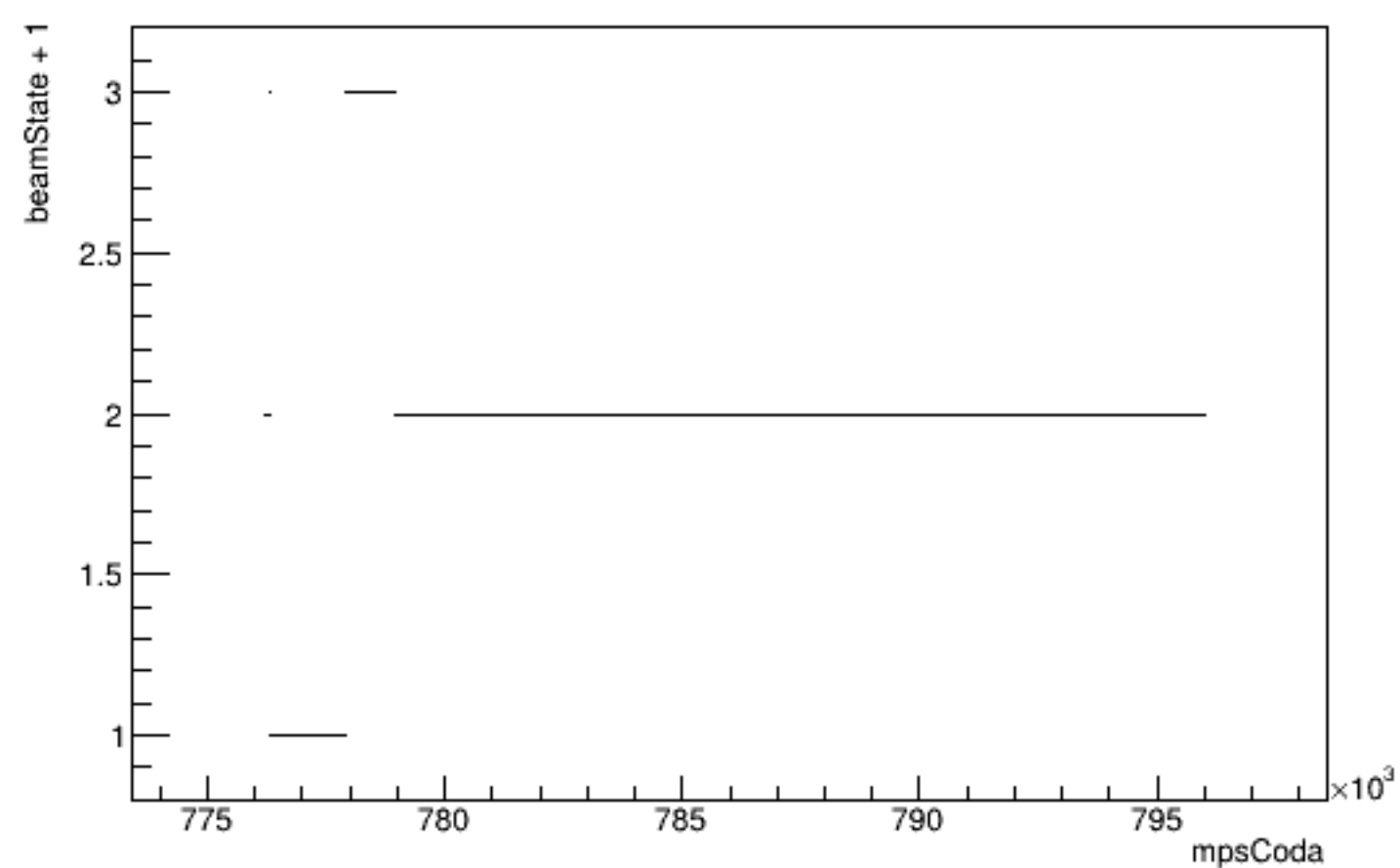
Acc0/NAcc0:mpsCoda (mpsCoda>=776217 && mpsCoda<=796008 && beamState==1)



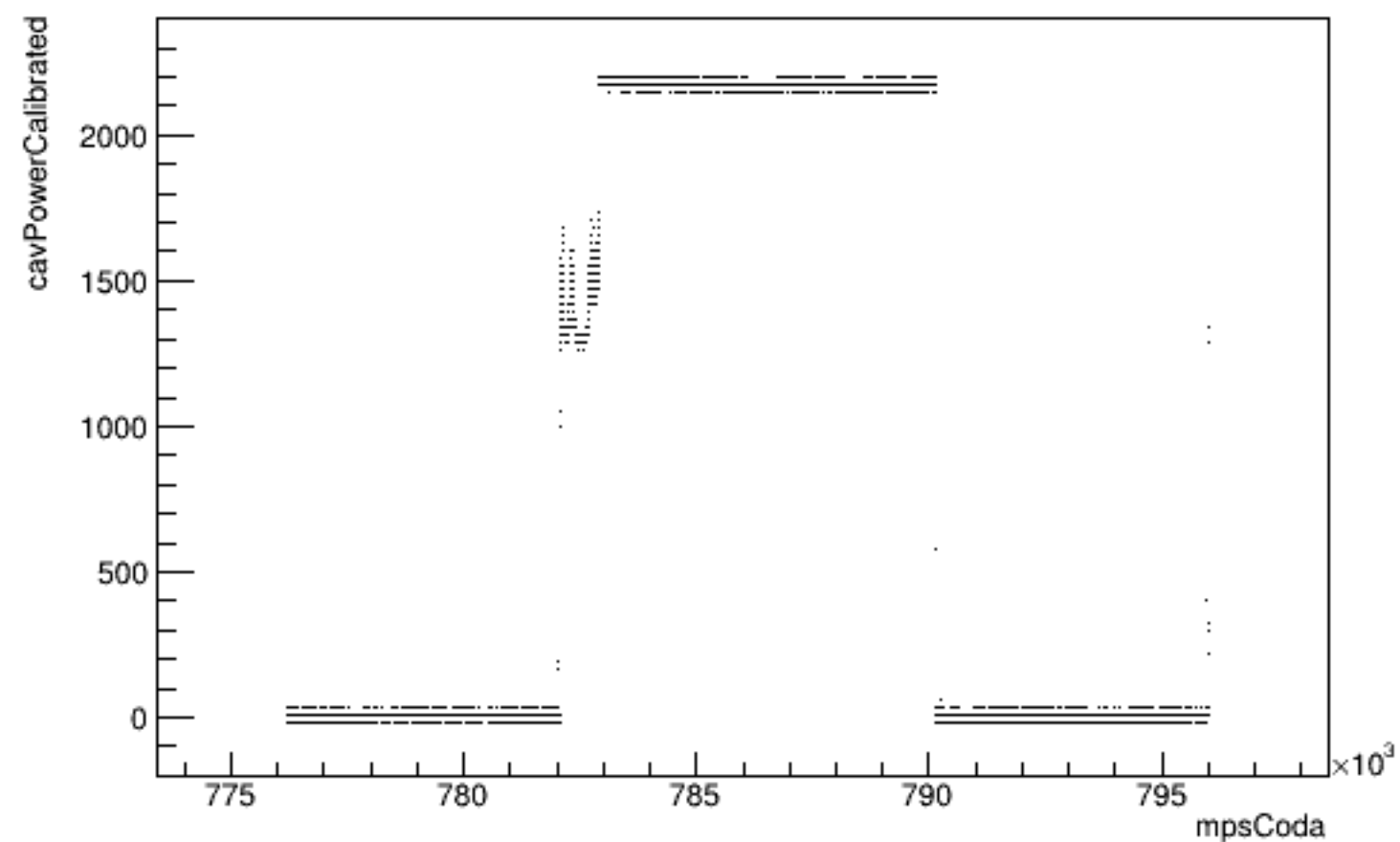
laserState:mpsCoda {mpsCoda>=776217 && mpsCoda<=796008}



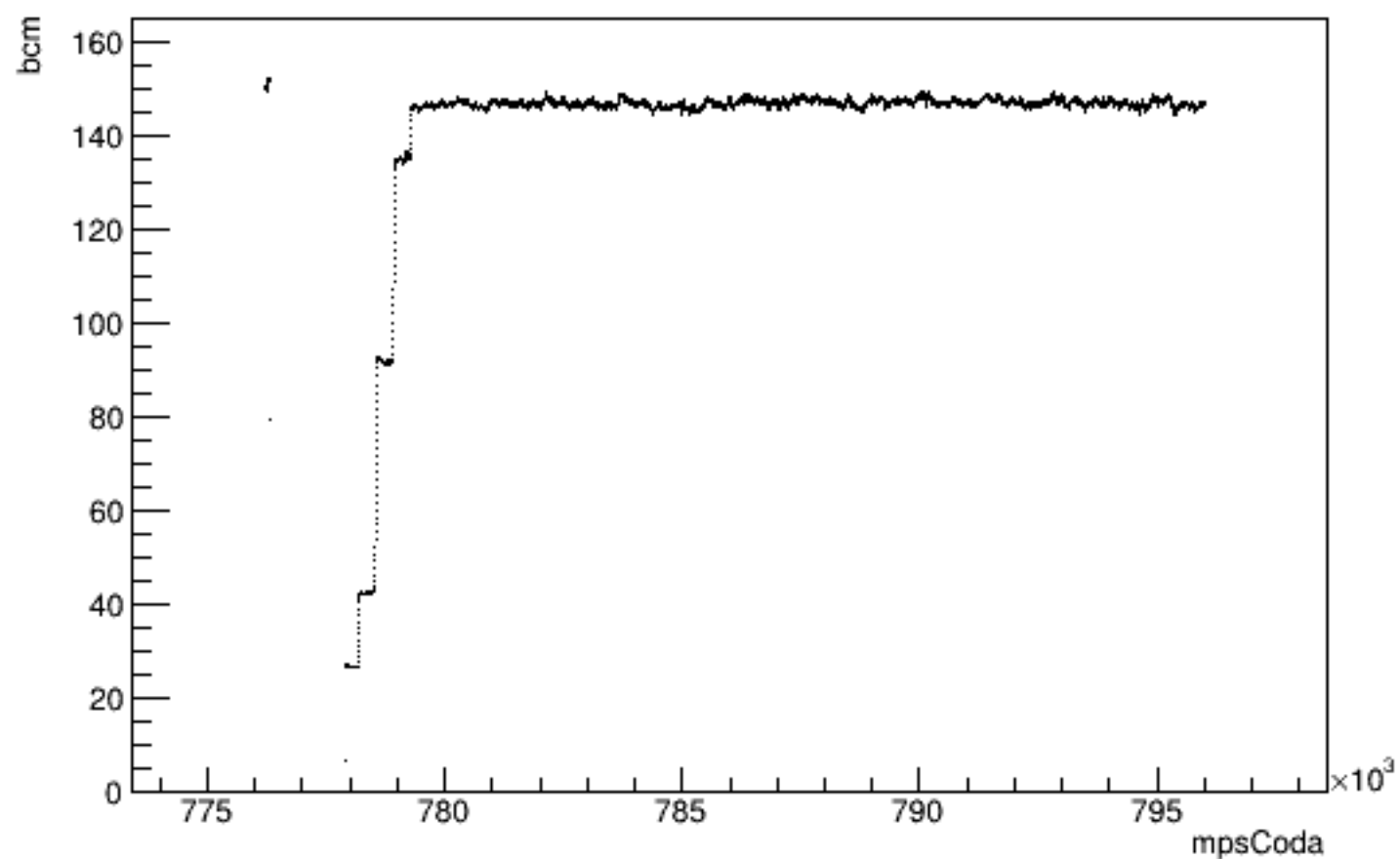
beamState + 1:mpsCoda {mpsCoda>=776217 && mpsCoda<=796008}



cavPowerCalibrated:mpsCoda {mpsCoda>=776217 && mpsCoda<=796008}



bcm:mpsCoda {mpsCoda>=776217 && mpsCoda<=796008}



Cycle 33, Diffs

Entries: 1462

Mean: -0.0032 +/- 0.0011

Std Dev: 0.0414 +/- 0.0008

Entries: 1859

Mean: -0.0019 +/- 0.0010

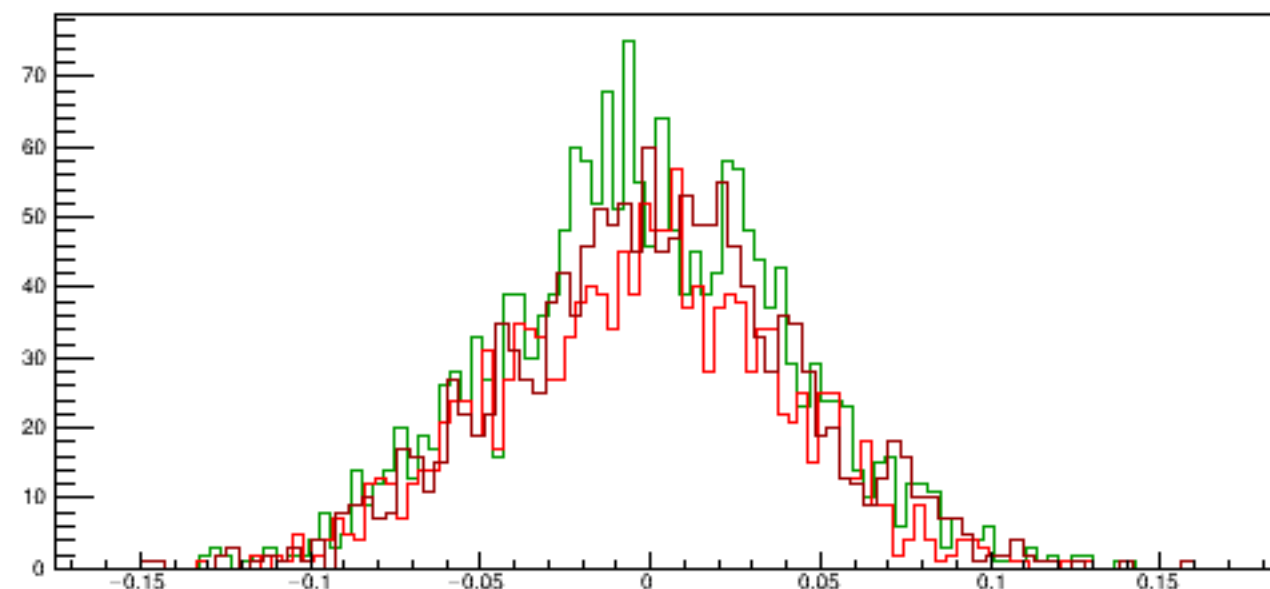
Std Dev: 0.0433 +/- 0.0007

Entries: 1466

Mean: 0.0000 +/- 0.0011

Std Dev: 0.0429 +/- 0.0008

Run 6253 quartetwise, Diffs



Cycle 33, Sums

Entries: 1462

Mean: 0.7690 +/- 0.0034

Std Dev: 0.1292 +/- 0.0024

Entries: 1859

Mean: 0.8443 +/- 0.0037

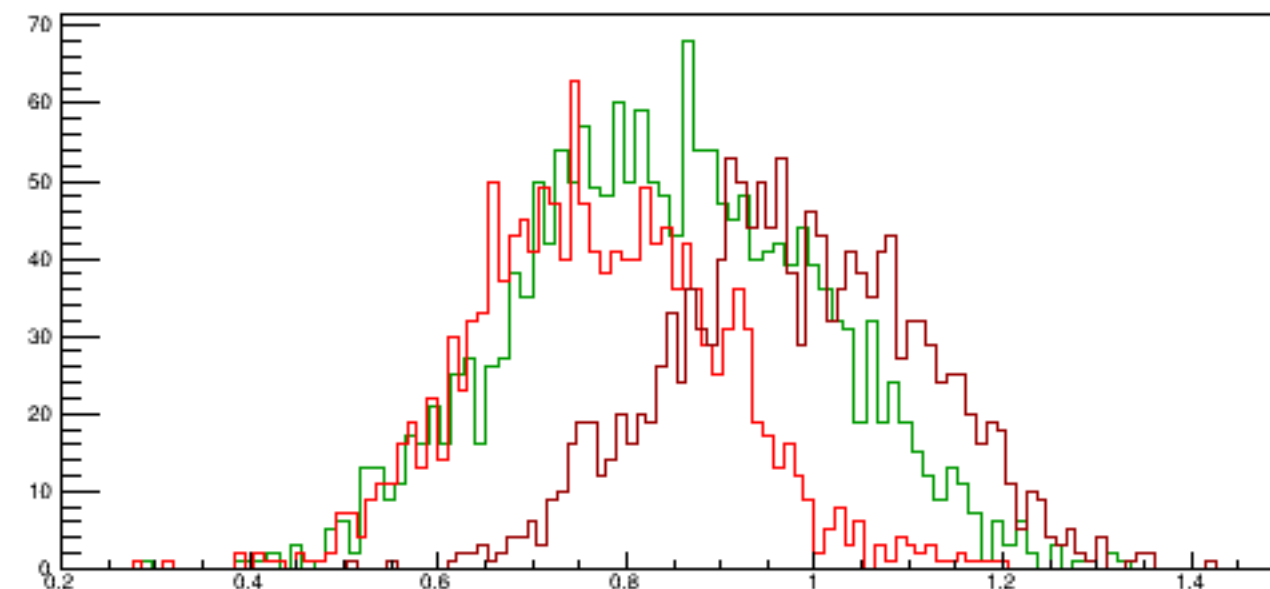
Std Dev: 0.1580 +/- 0.0026

Entries: 1466

Mean: 0.9792 +/- 0.0035

Std Dev: 0.1349 +/- 0.0025

Run 6253 quartetwise, Sums



Cycle 33, Asyms

Entries: 1462

Mean: 0.1077 +/- 0.0363

Std Dev: 1.3862 +/- 0.0256

Entries: 1859

Mean: -0.1656 +/- 0.1441

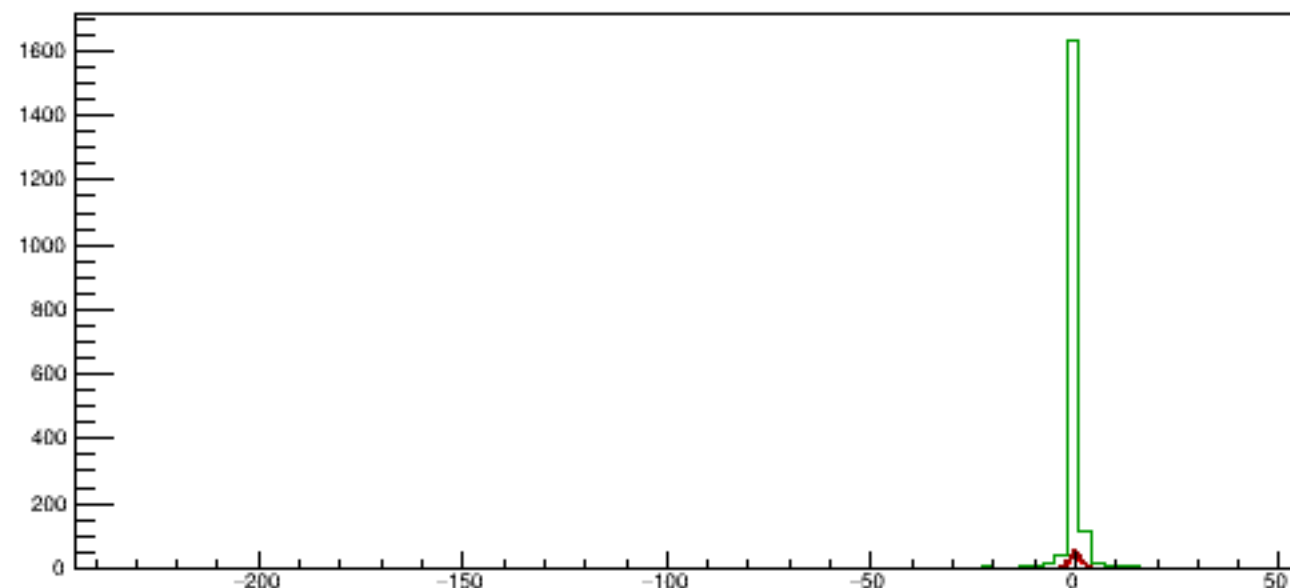
Std Dev: 6.2151 +/- 0.1019

Entries: 1466

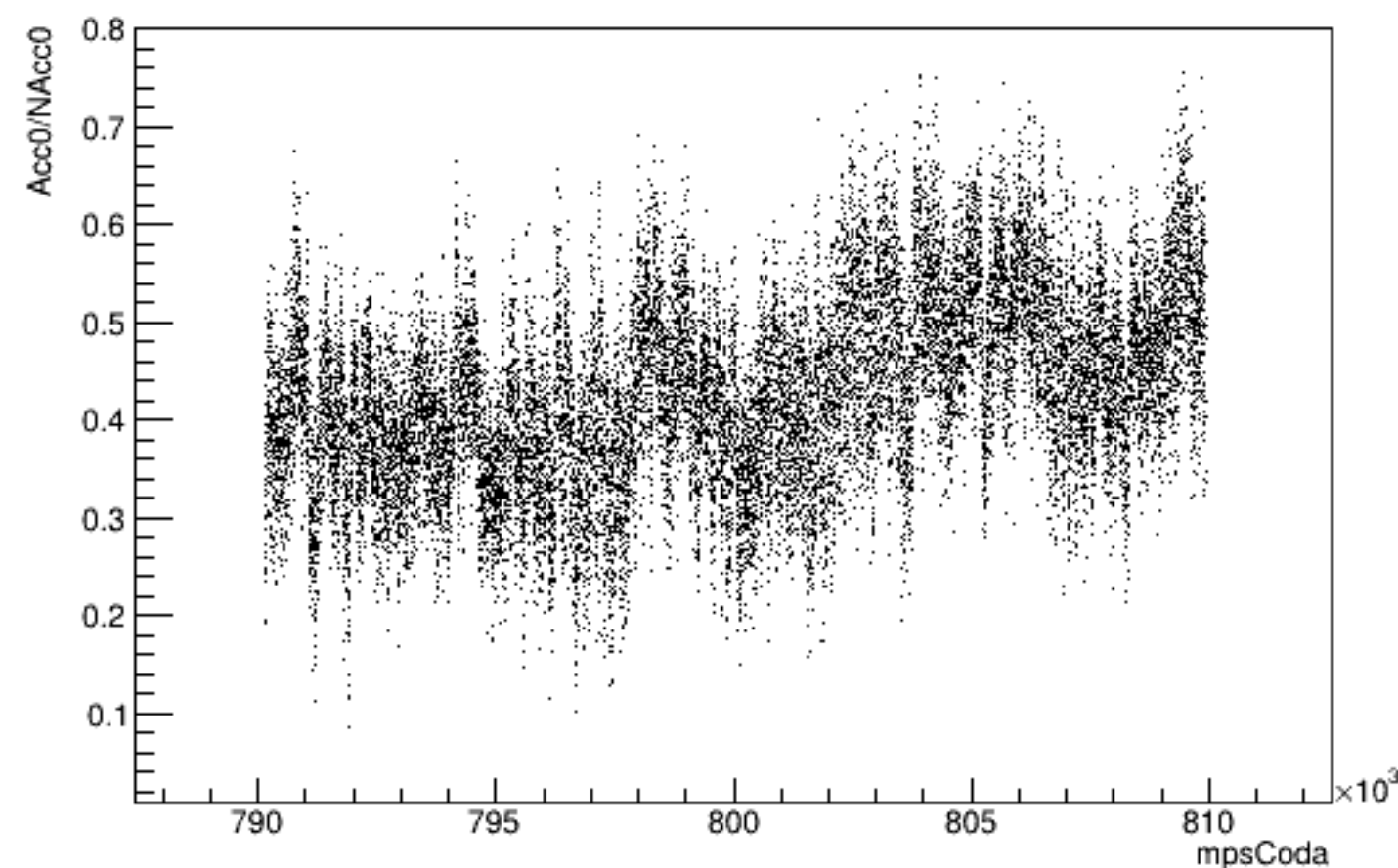
Mean: -0.0017 +/- 0.0375

Std Dev: 1.4349 +/- 0.0265

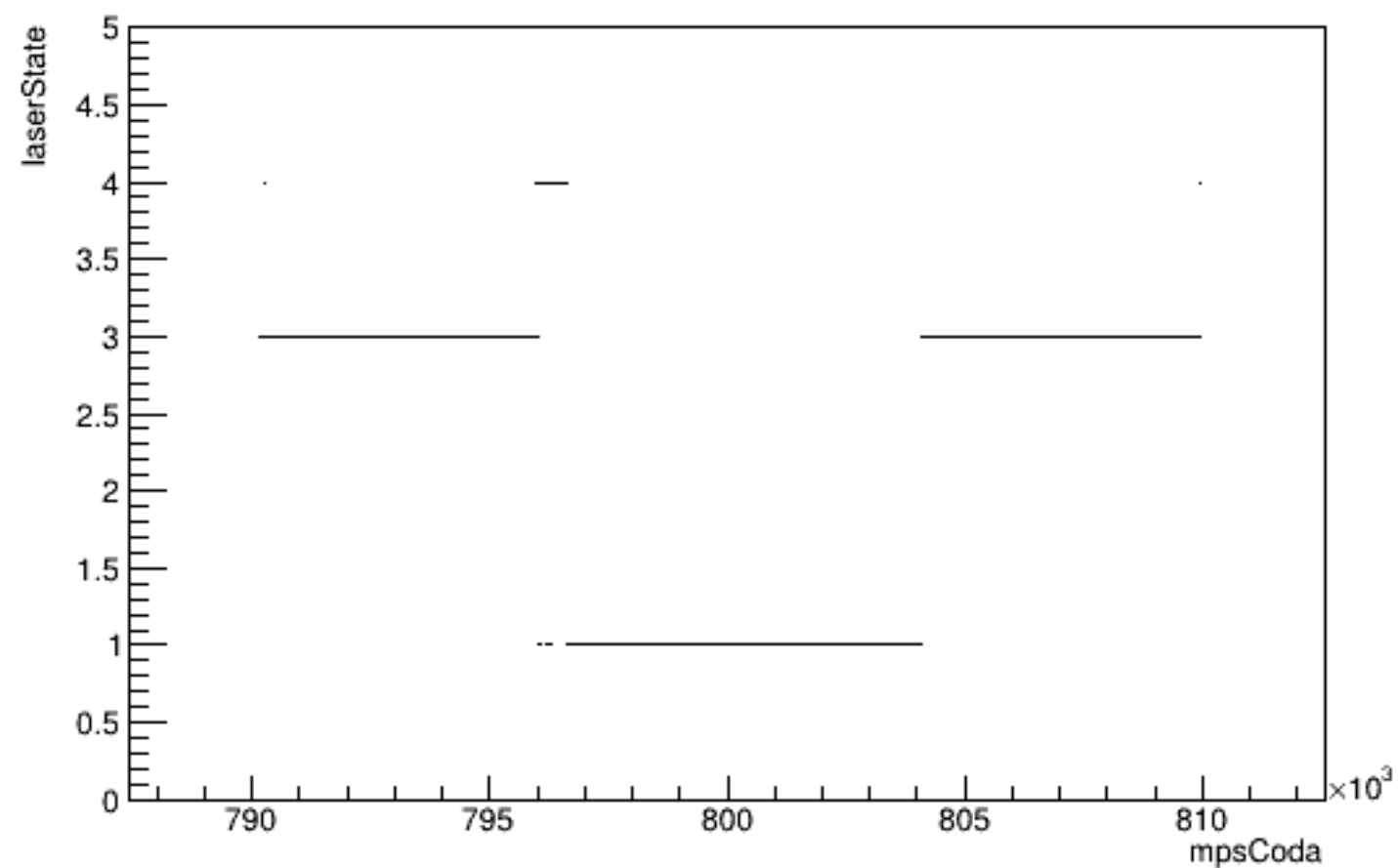
Run 6253 quartetwise, Asyms



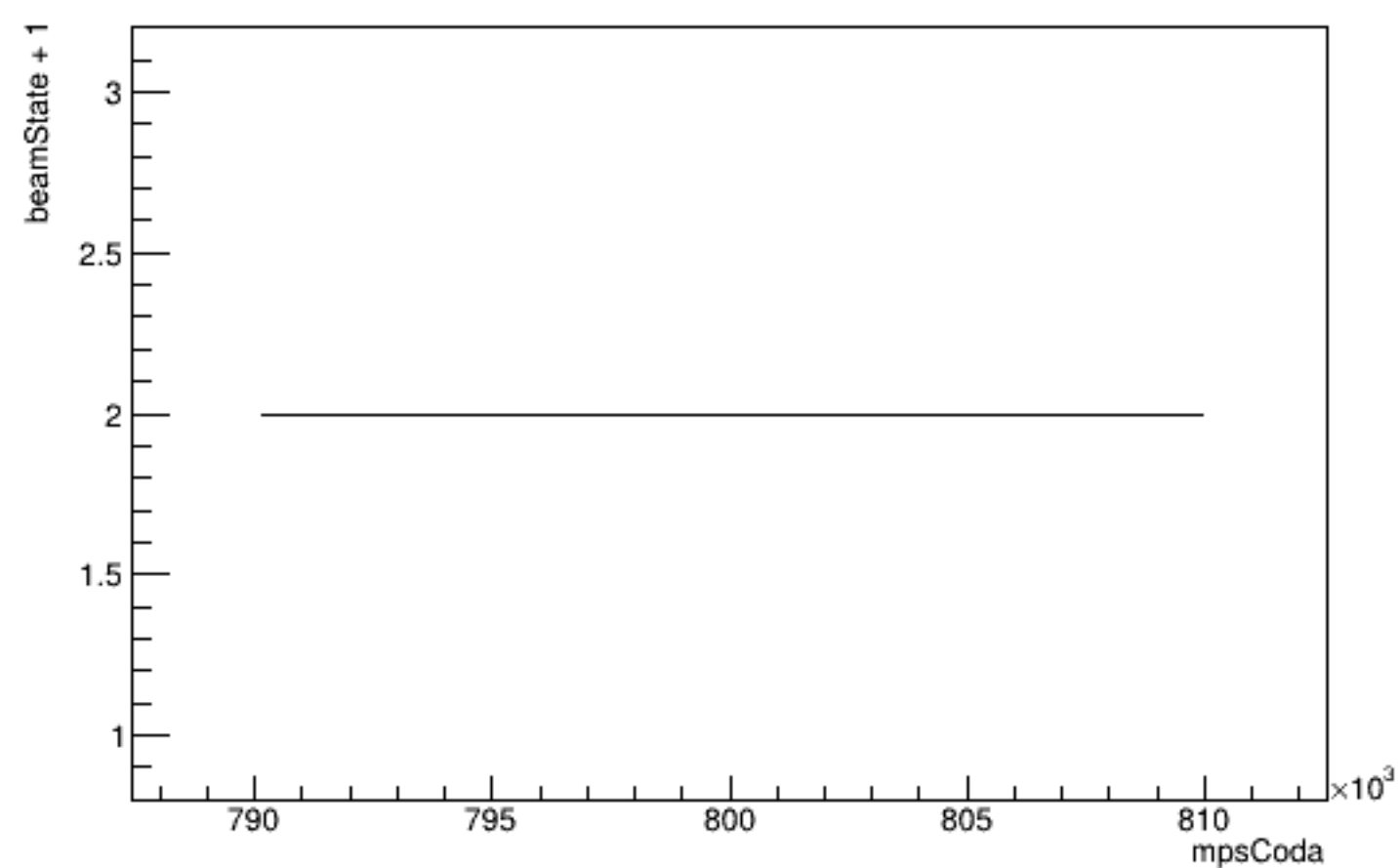
Acc0/NAcc0:mpsCoda (mpsCoda>=790145 && mpsCoda<=809940 && beamState==1)



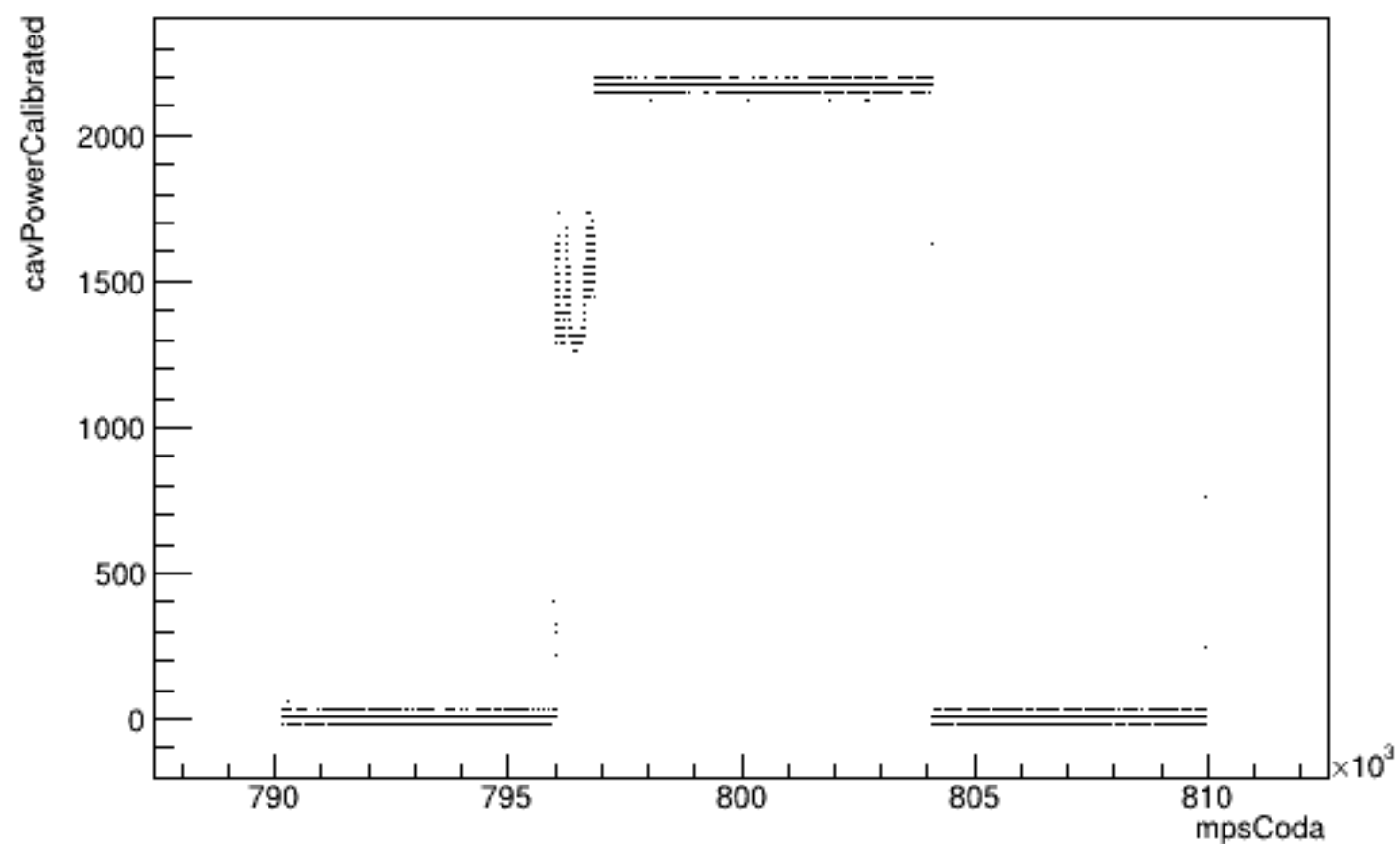
laserState:mpsCoda {mpsCoda>=790145 && mpsCoda<=809940}



beamState + 1:mpsCoda {mpsCoda>=790145 && mpsCoda<=809940}



cavPowerCalibrated:mpsCoda {mpsCoda>=790145 && mpsCoda<=809940}



bcm:mpsCoda {mpsCoda>=790145 && mpsCoda<=809940}

