

Cycle 1, Diffs

Entries: 939

Mean: 0.0062 +/- 0.0084

Std Dev: 0.2574 +/- 0.0059

Entries: 1984

Mean: -0.8584 +/- 0.0113

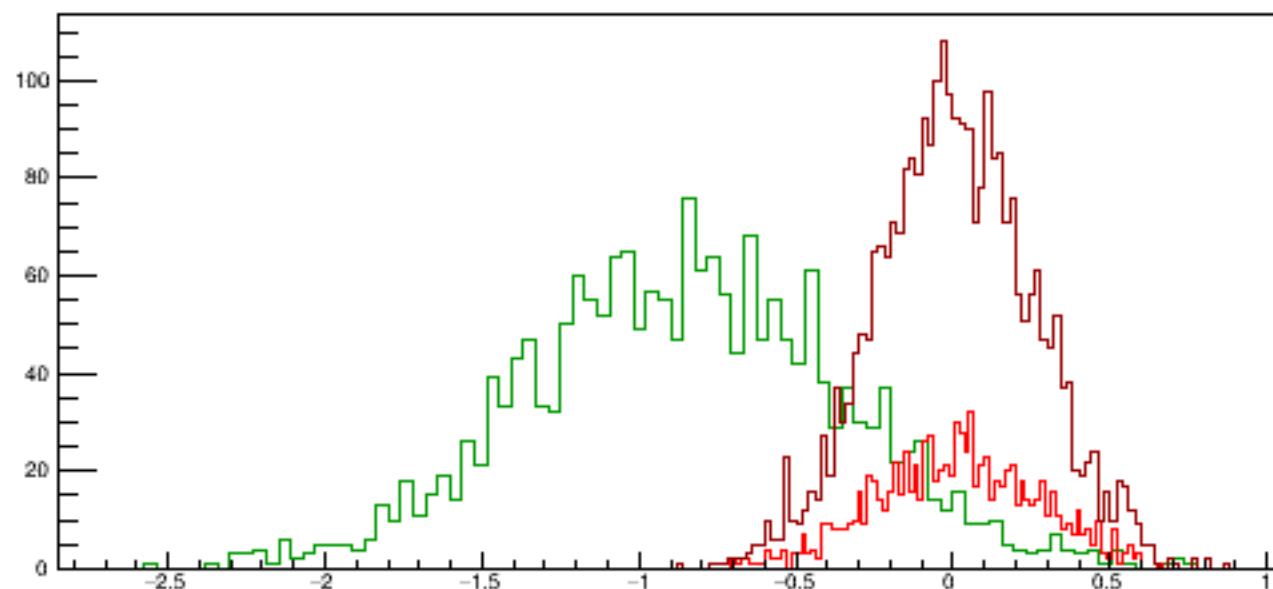
Std Dev: 0.5053 +/- 0.0080

Entries: 2956

Mean: 0.0054 +/- 0.0046

Std Dev: 0.2514 +/- 0.0033

Run 5311 quartetwise, Diffs



Cycle 1, Sums

Entries: 939

Mean: 3.7213 +/- 0.0090

Std Dev: 0.2748 +/- 0.0063

Entries: 1984

Mean: 31.4183 +/- 0.0479

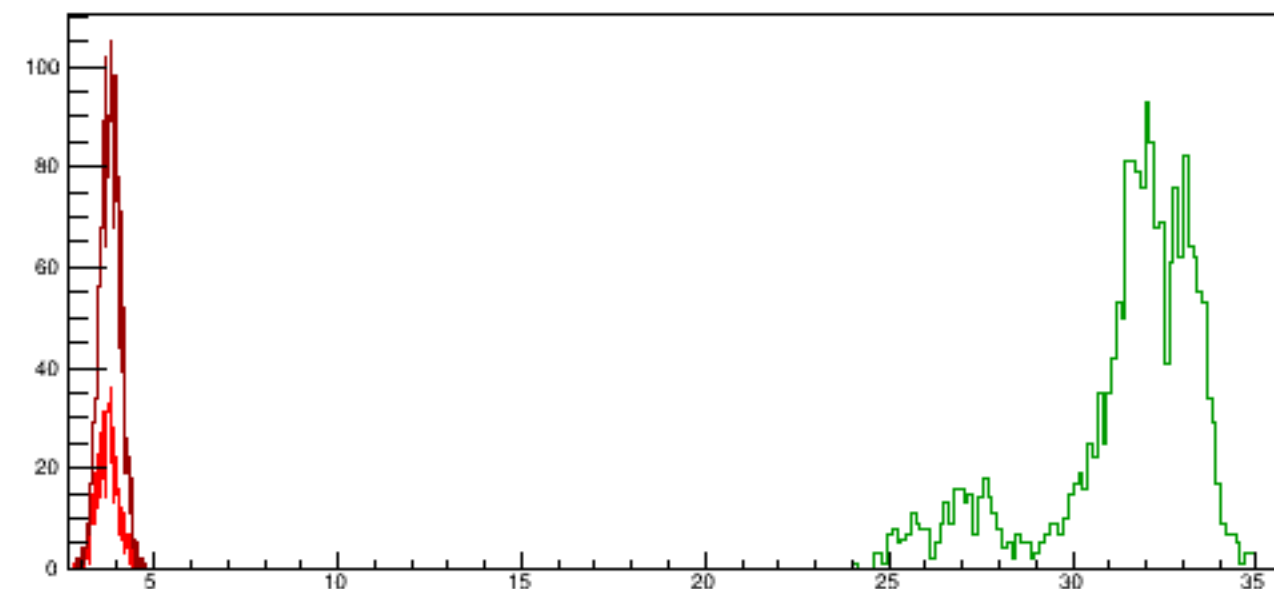
Std Dev: 2.1343 +/- 0.0339

Entries: 2956

Mean: 3.8004 +/- 0.0052

Std Dev: 0.2845 +/- 0.0037

Run 5311 quartetwise, Sums



Cycle 1, Asyms

Entries: 939

Mean: 0.0002 +/- 0.0003

Std Dev: 0.0093 +/- 0.0002

Entries: 1984

Mean: -0.0310 +/- 0.0004

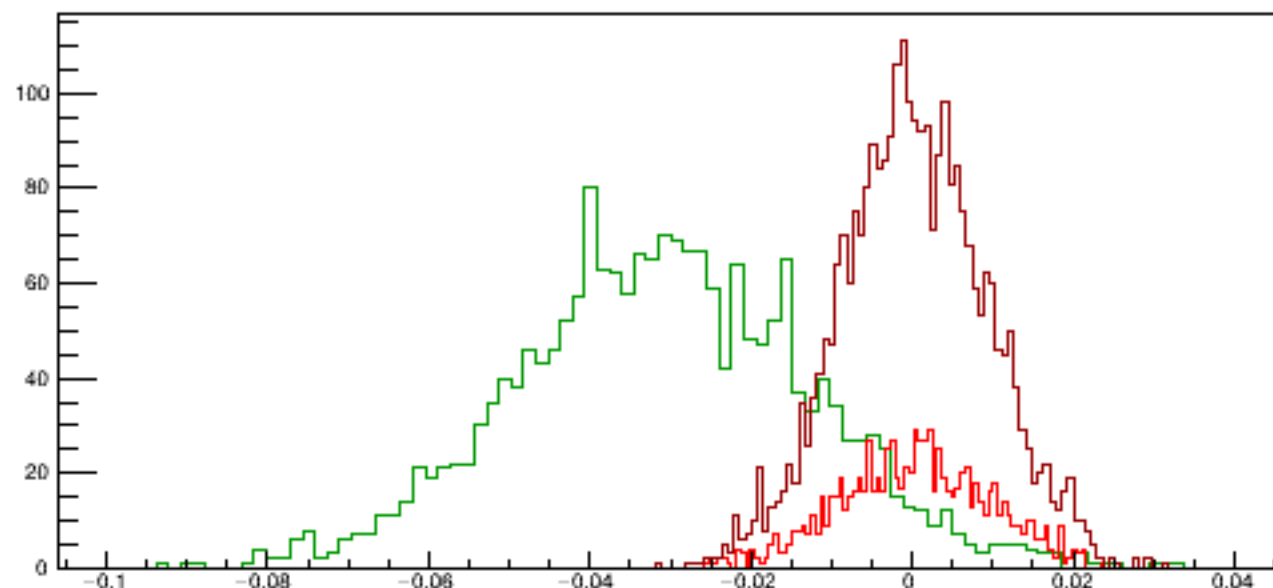
Std Dev: 0.0183 +/- 0.0003

Entries: 2956

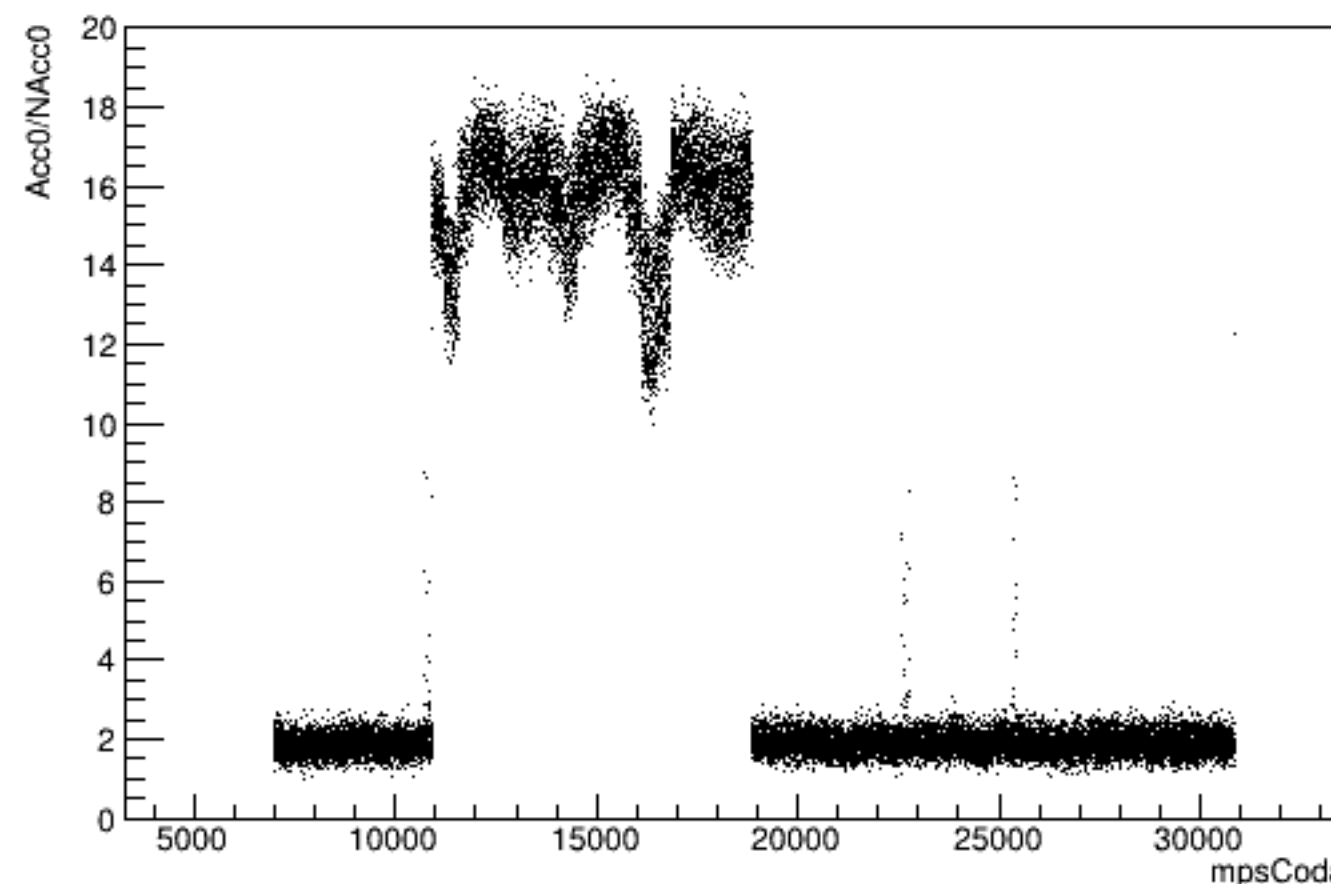
Mean: 0.0002 +/- 0.0002

Std Dev: 0.0091 +/- 0.0001

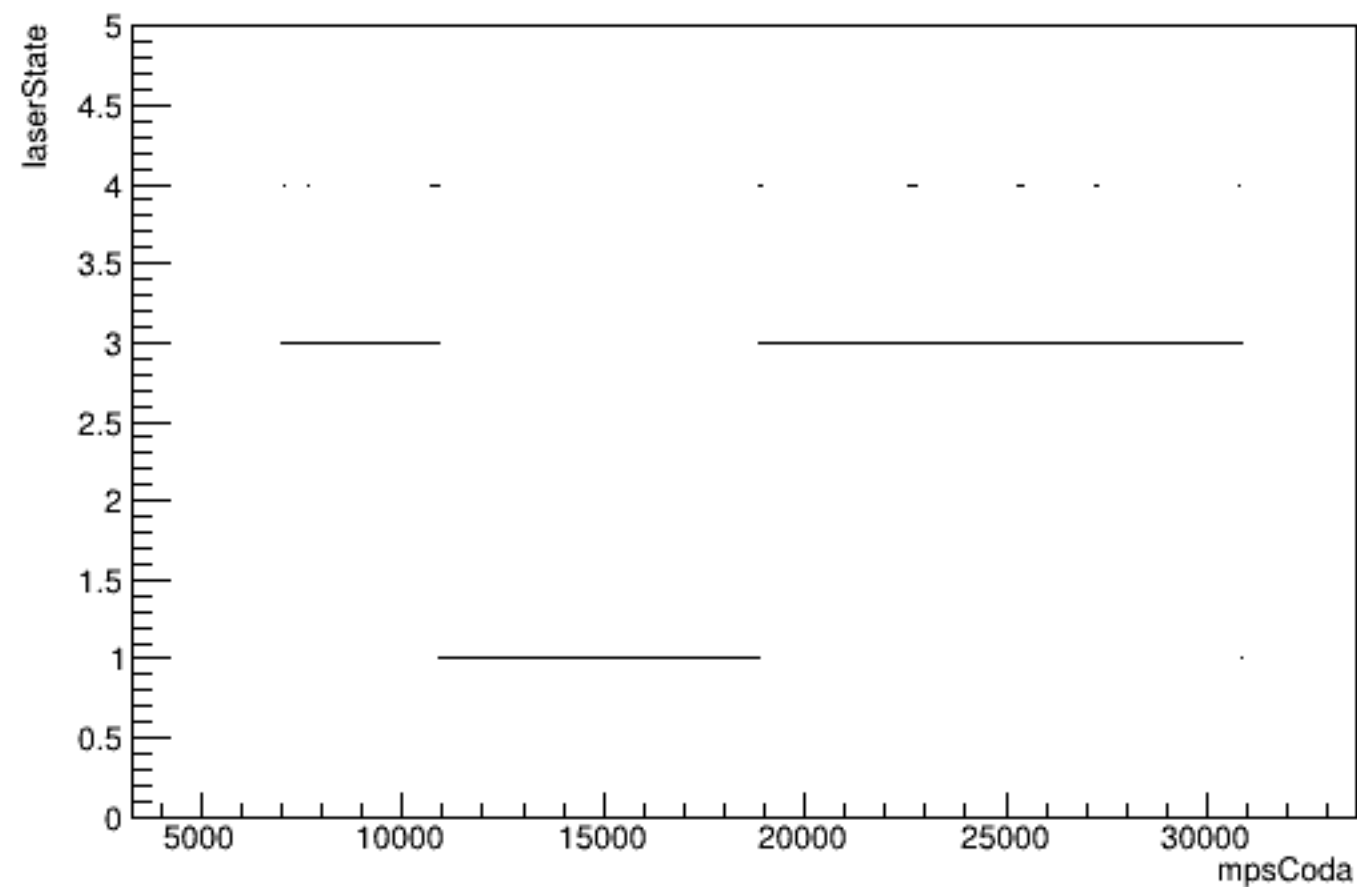
Run 5311 quartetwise, Asyms



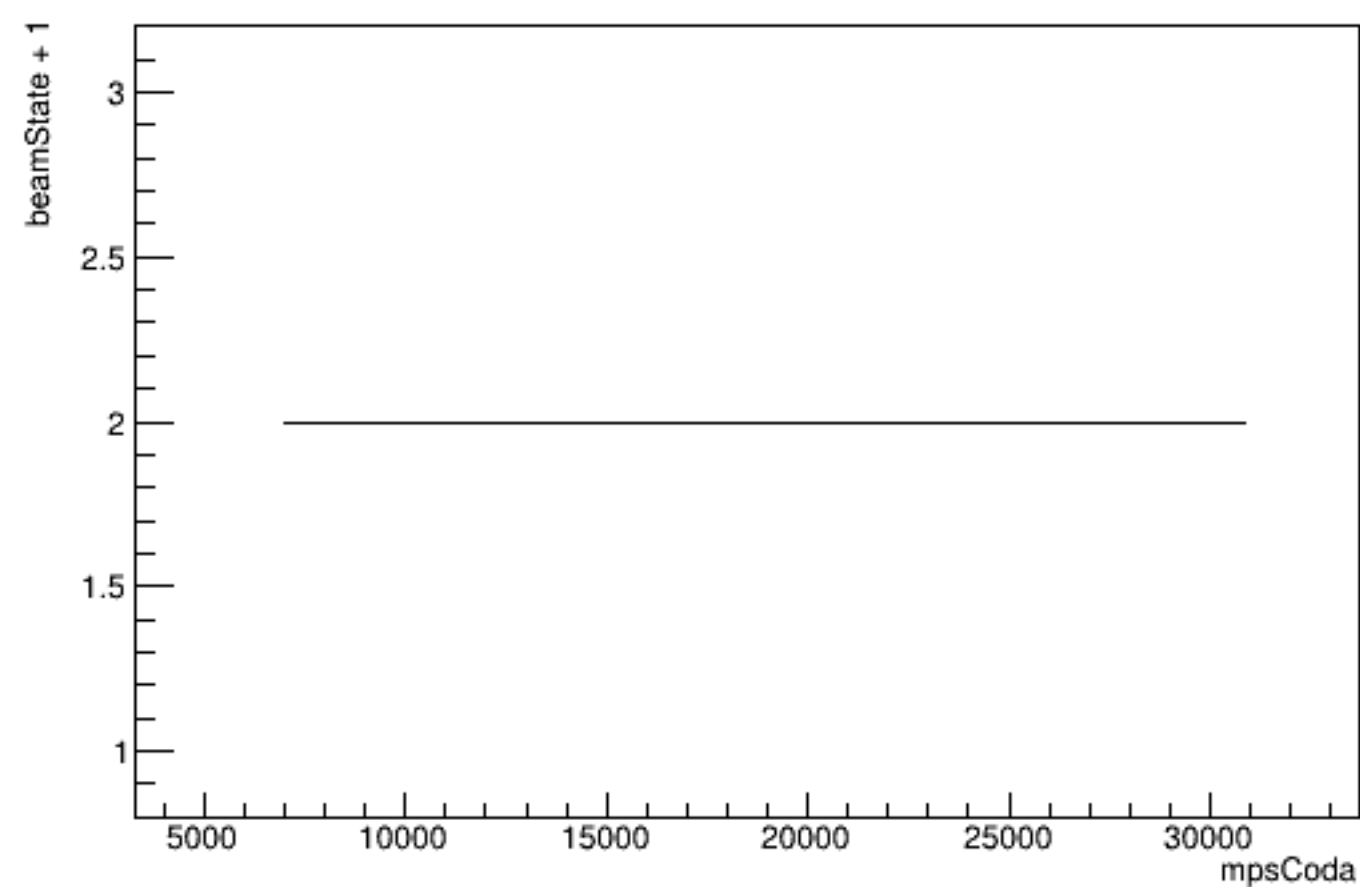
Acc0/NAcc0:mpsCoda {mpsCoda>=6967 && mpsCoda<=30858 && beamState==1}



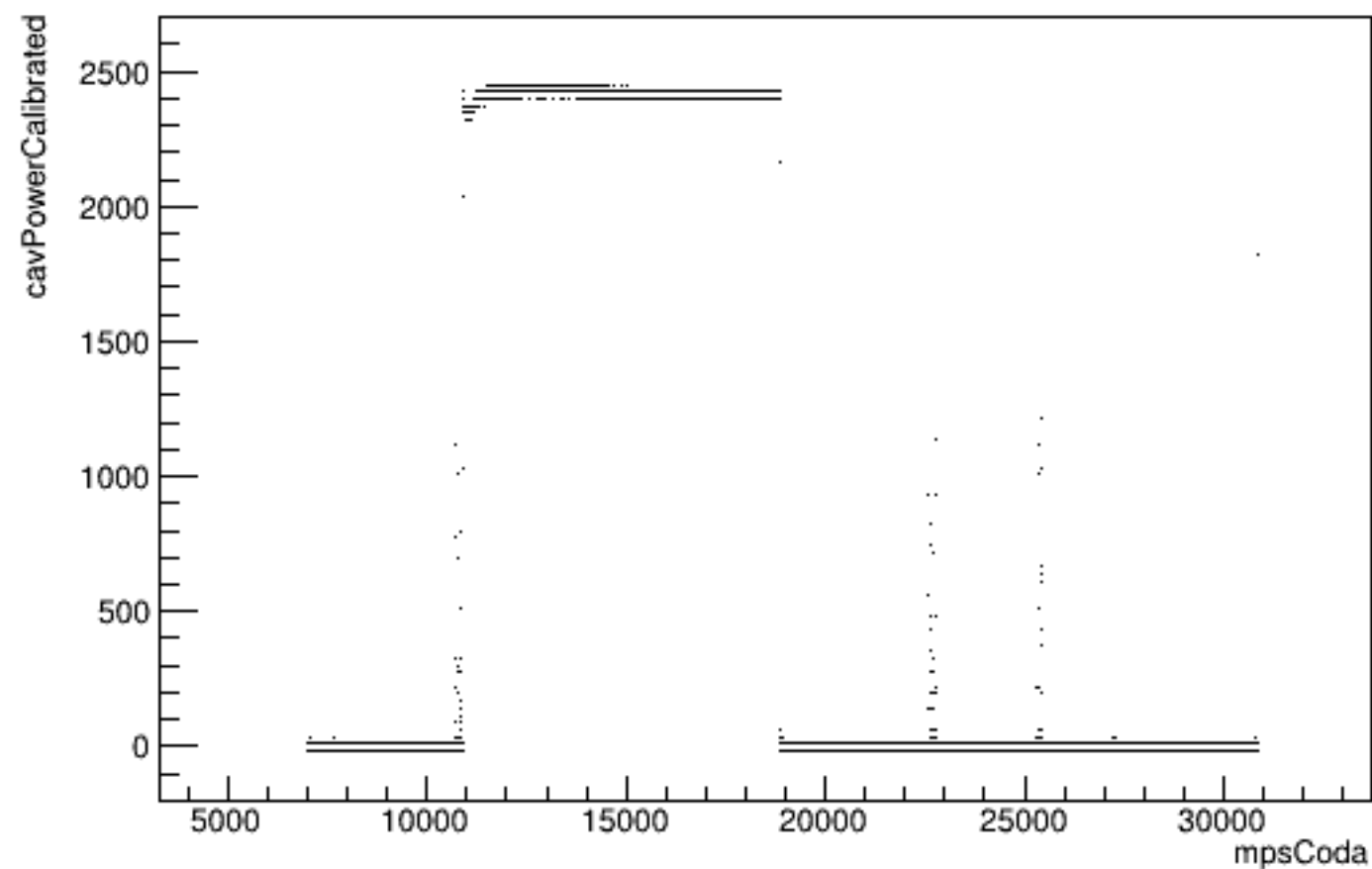
laserState:mpsCoda {mpsCoda>=6967 && mpsCoda<=30858}



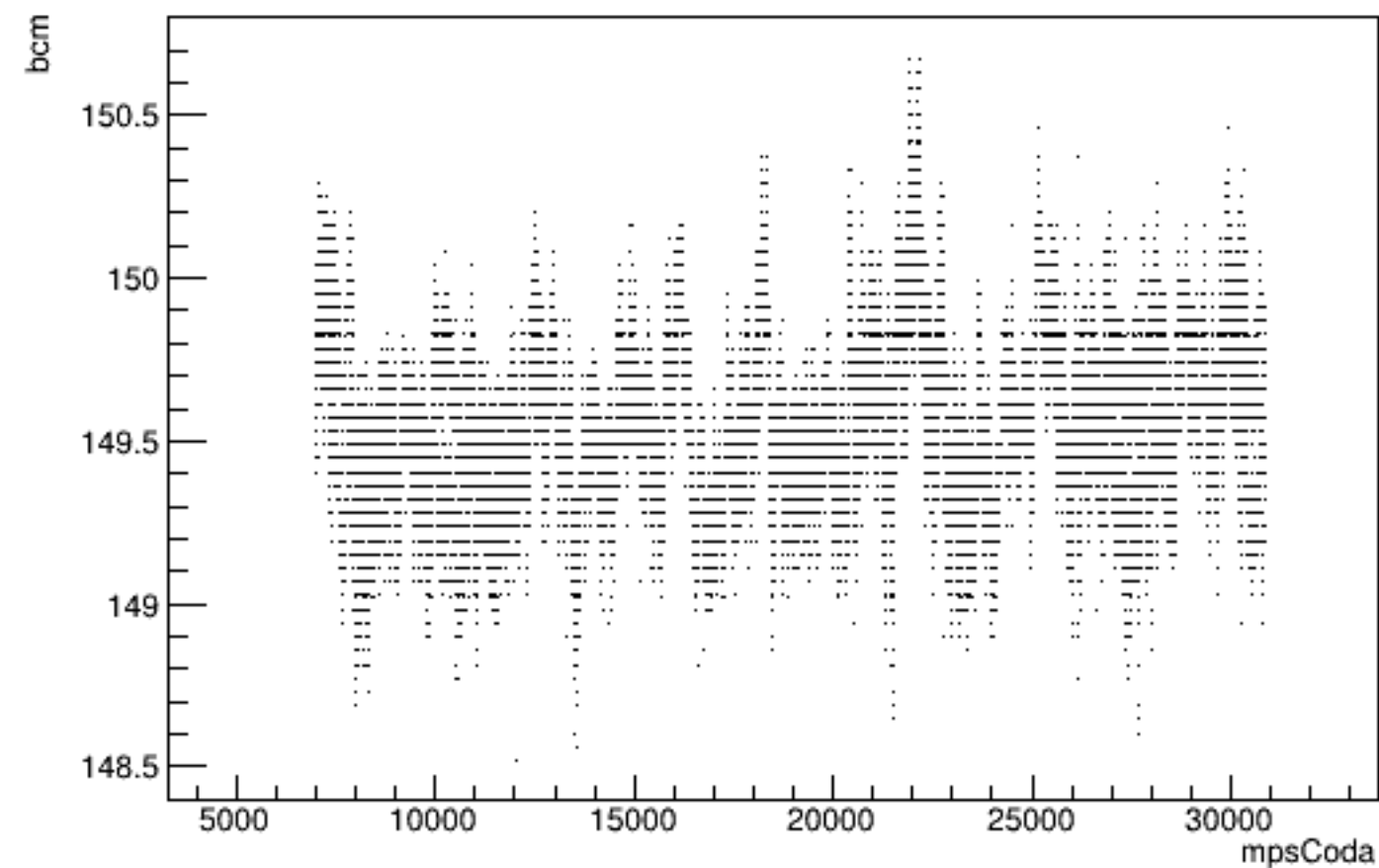
beamState + 1:mpsCoda {mpsCoda>=6967 && mpsCoda<=30858}



cavPowerCalibrated:mpsCoda {mpsCoda>=6967 && mpsCoda<=30858}



bcm:mpsCoda {mpsCoda>=6967 && mpsCoda<=30858}



Cycle 2, Diffs

Entries: 2956

Mean: 0.0054 +/- 0.0046

Std Dev: 0.2514 +/- 0.0033

Entries: 2043

Mean: -0.8529 +/- 0.0114

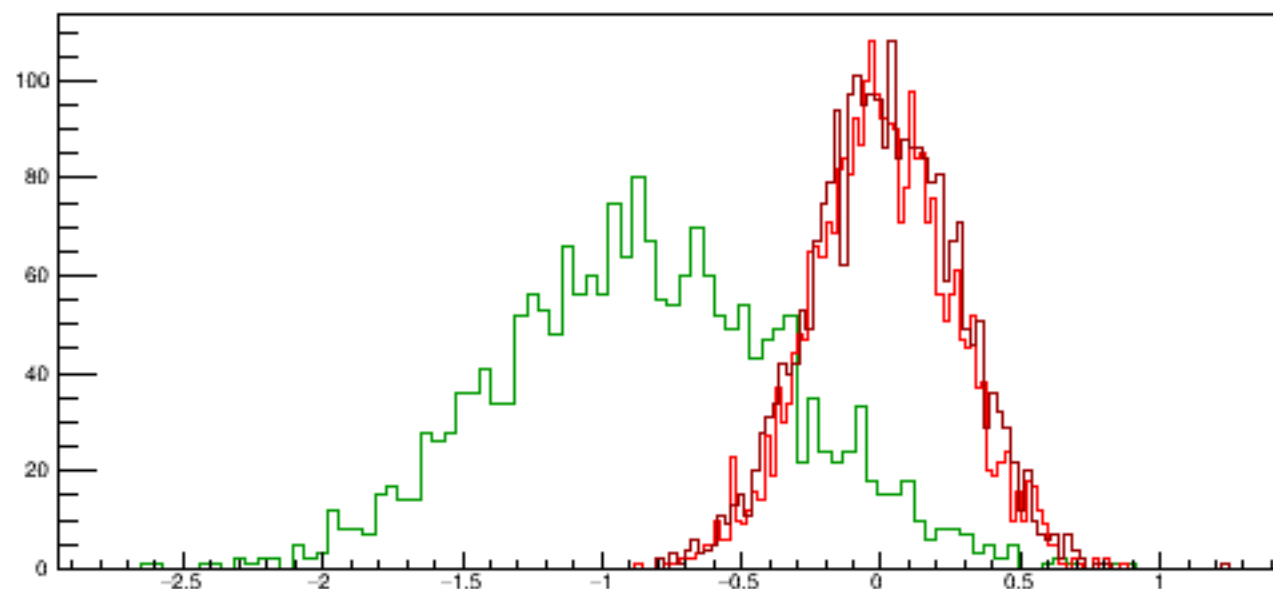
Std Dev: 0.5167 +/- 0.0081

Entries: 2643

Mean: 0.0116 +/- 0.0051

Std Dev: 0.2615 +/- 0.0036

Run 5311 quartetwise, Diffs



Cycle 2, Sums

Entries: 2956

Mean: 3.8004 +/- 0.0052

Std Dev: 0.2845 +/- 0.0037

Entries: 2043

Mean: 31.2177 +/- 0.0437

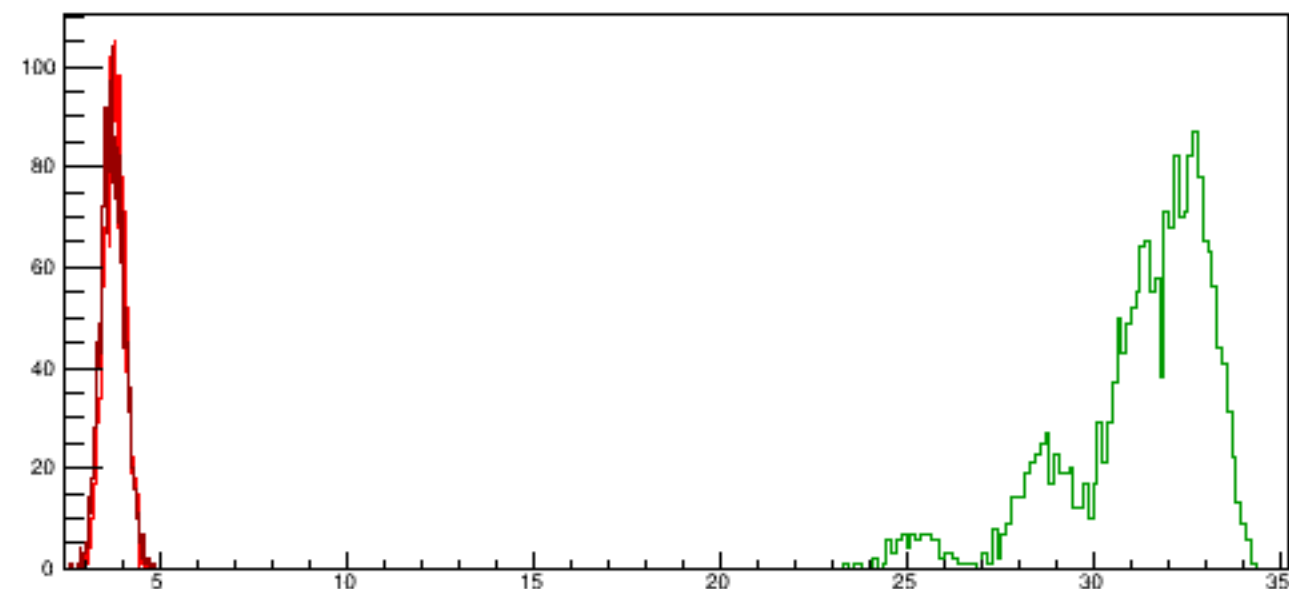
Std Dev: 1.9743 +/- 0.0309

Entries: 2643

Mean: 3.7602 +/- 0.0060

Std Dev: 0.3104 +/- 0.0043

Run 5311 quartetwise, Sums



Cycle 2, Asyms

Entries: 2956

Mean: 0.0002 +/- 0.0002

Std Dev: 0.0092 +/- 0.0001

Entries: 2043

Mean: -0.0311 +/- 0.0004

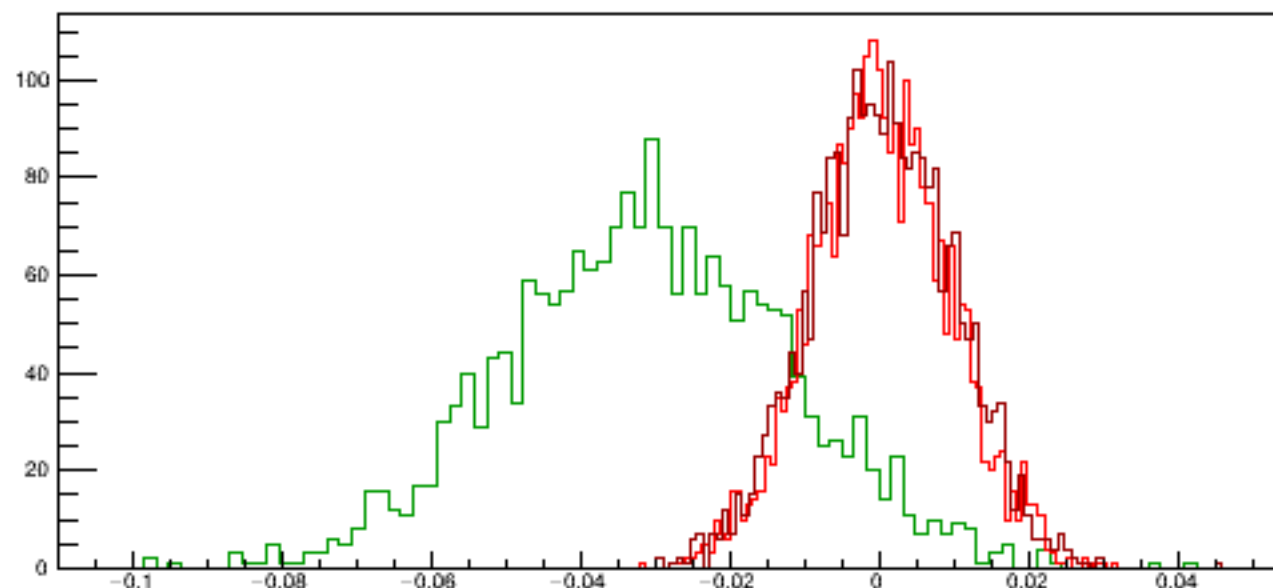
Std Dev: 0.0189 +/- 0.0003

Entries: 2643

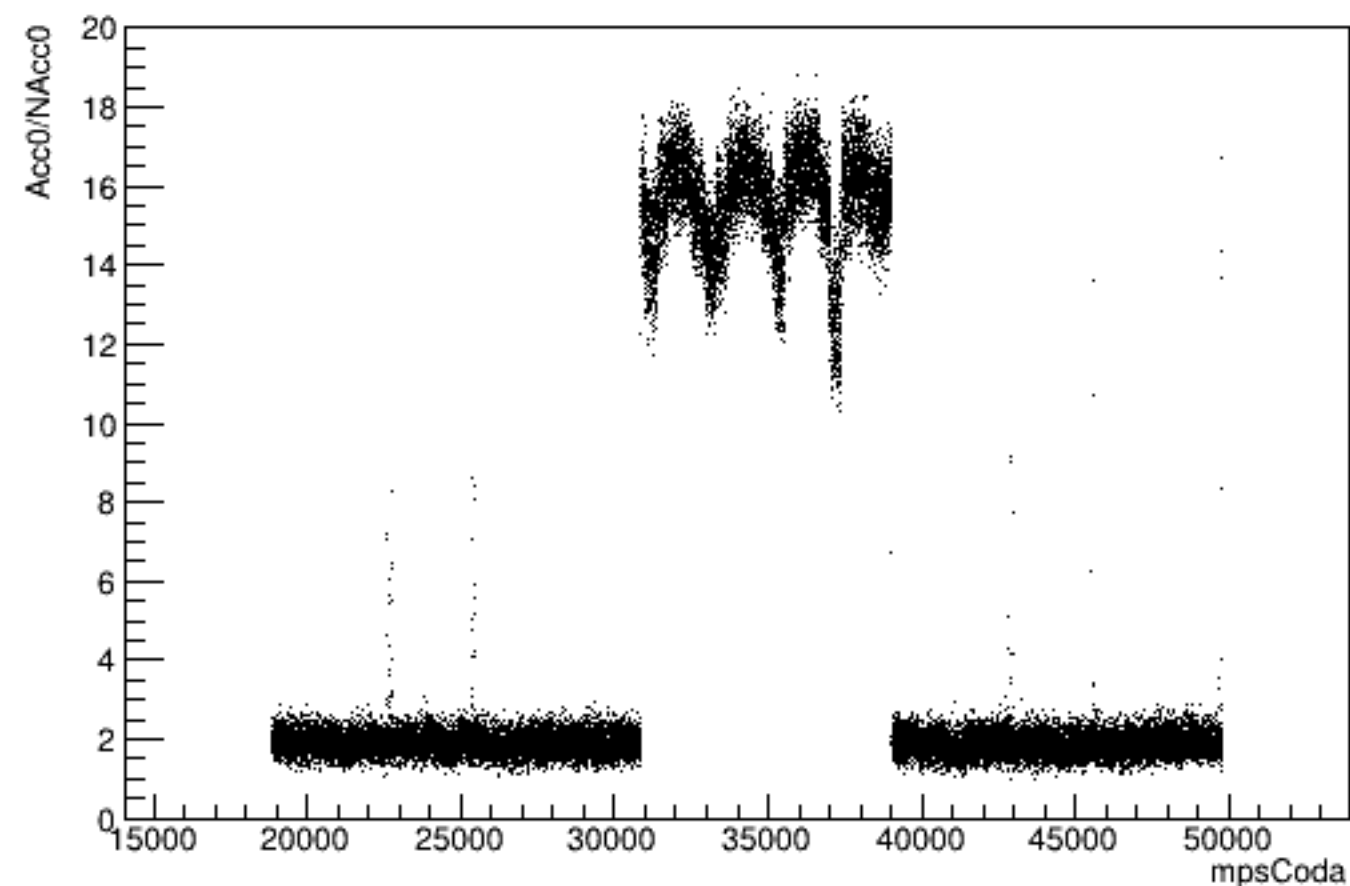
Mean: 0.0004 +/- 0.0002

Std Dev: 0.0095 +/- 0.0001

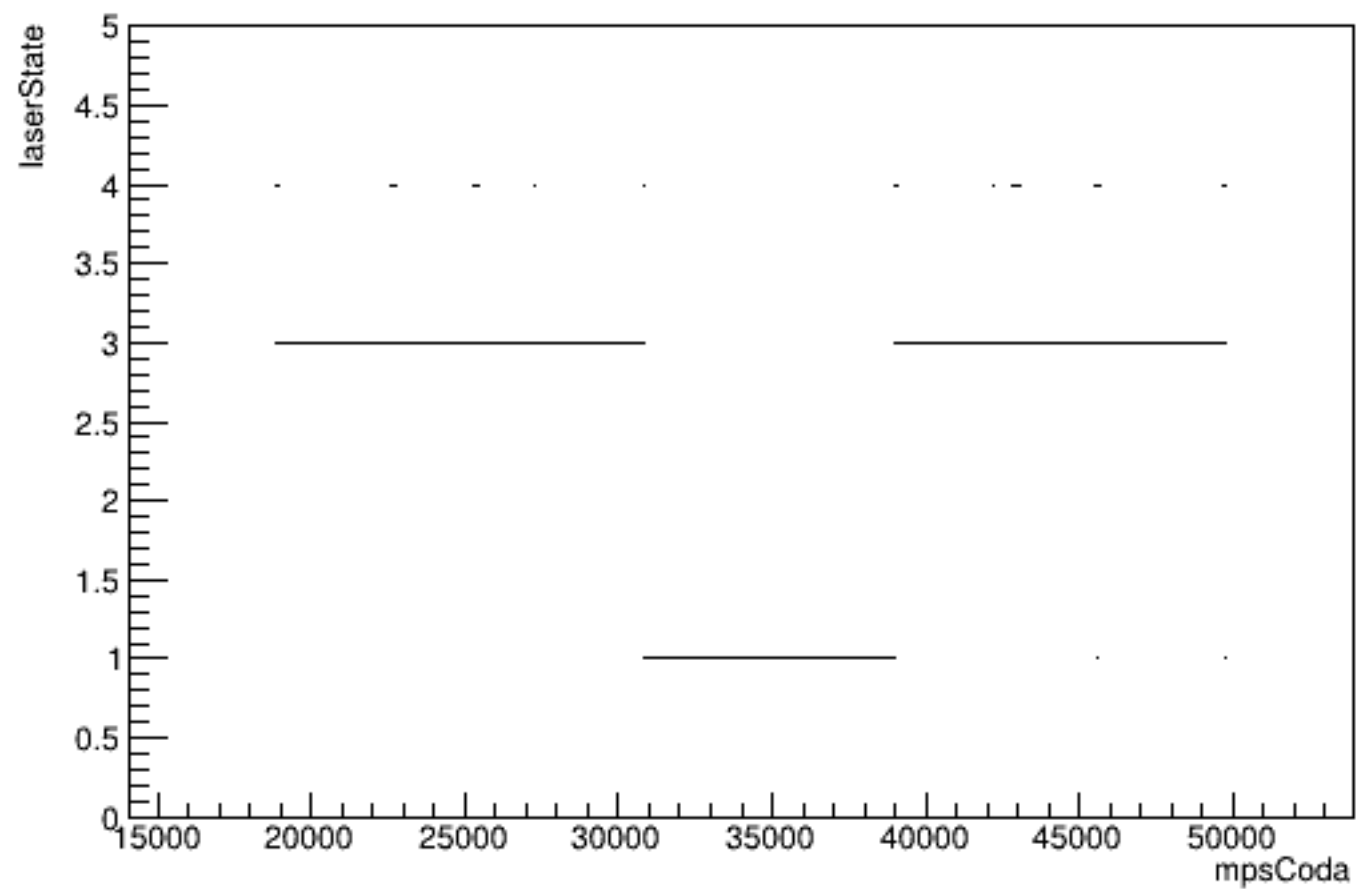
Run 5311 quartetwise, Asyms



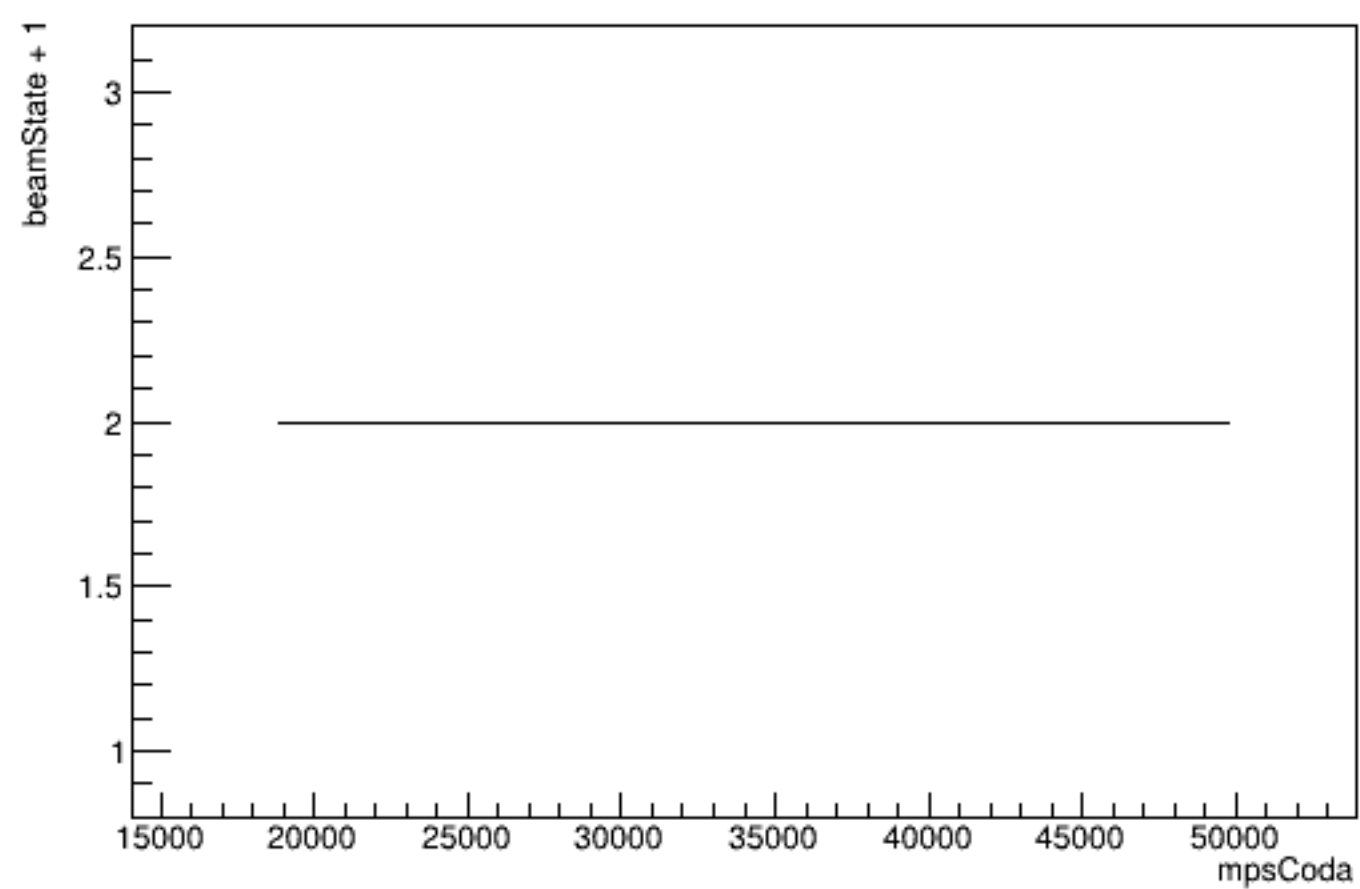
Acc0/NAcc0:mpsCoda {mpsCoda>=18851 && mpsCoda<=49774 && beamState==1}



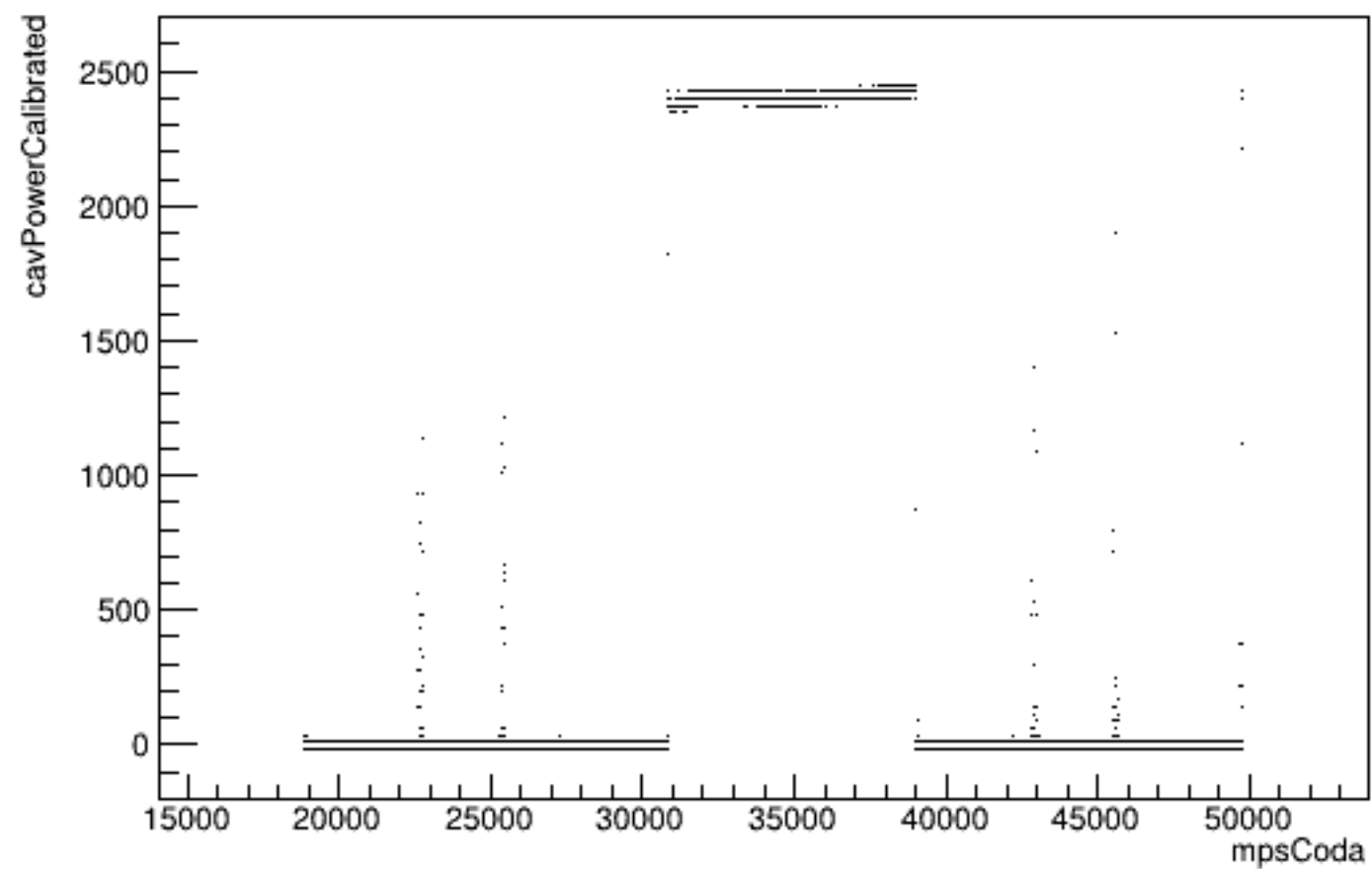
laserState:mpsCoda {mpsCoda>=18851 && mpsCoda<=49774}



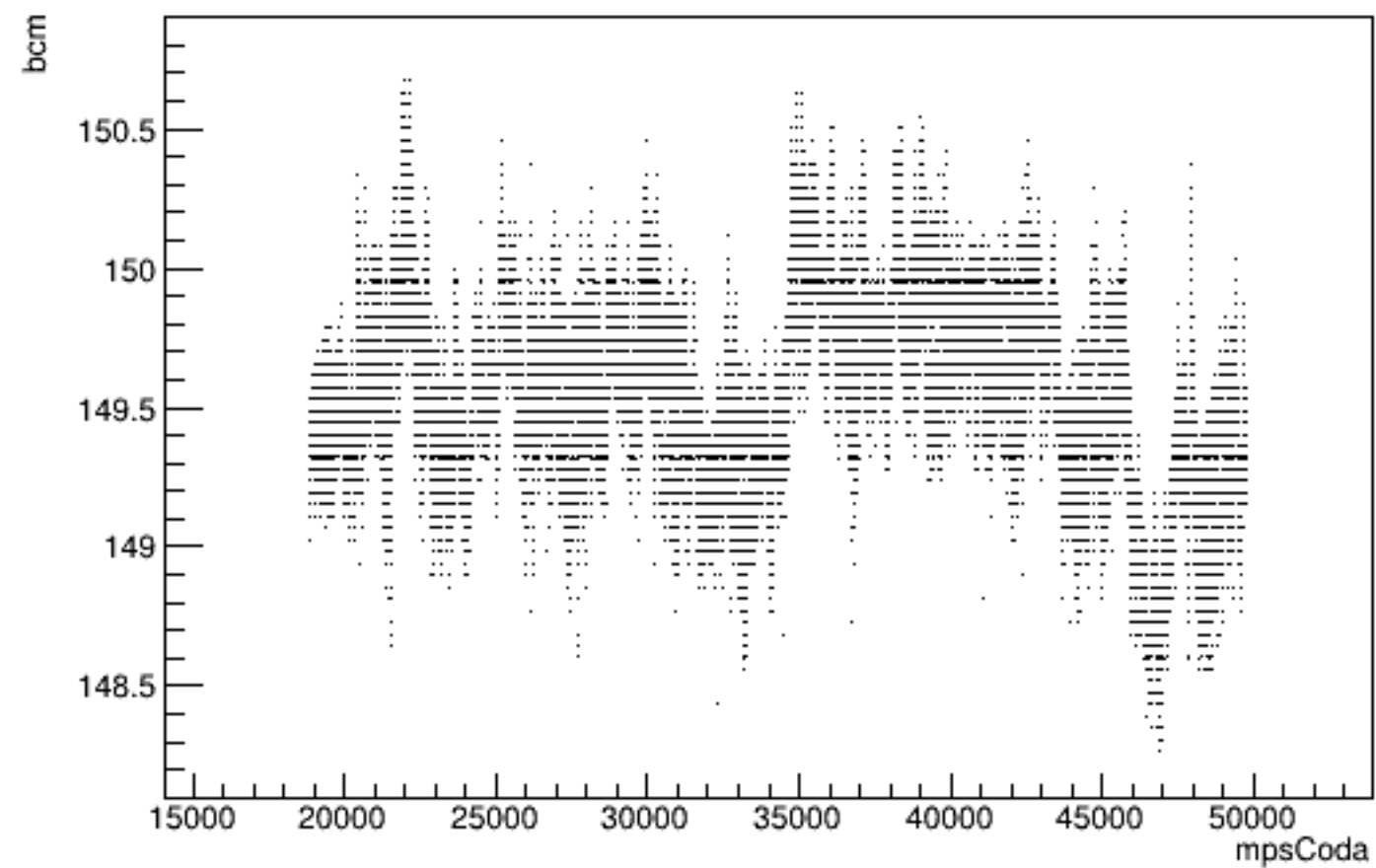
beamState + 1:mpsCoda {mpsCoda>=18851 && mpsCoda<=49774}



cavPowerCalibrated:mpsCoda {mpsCoda>=18851 && mpsCoda<=49774}



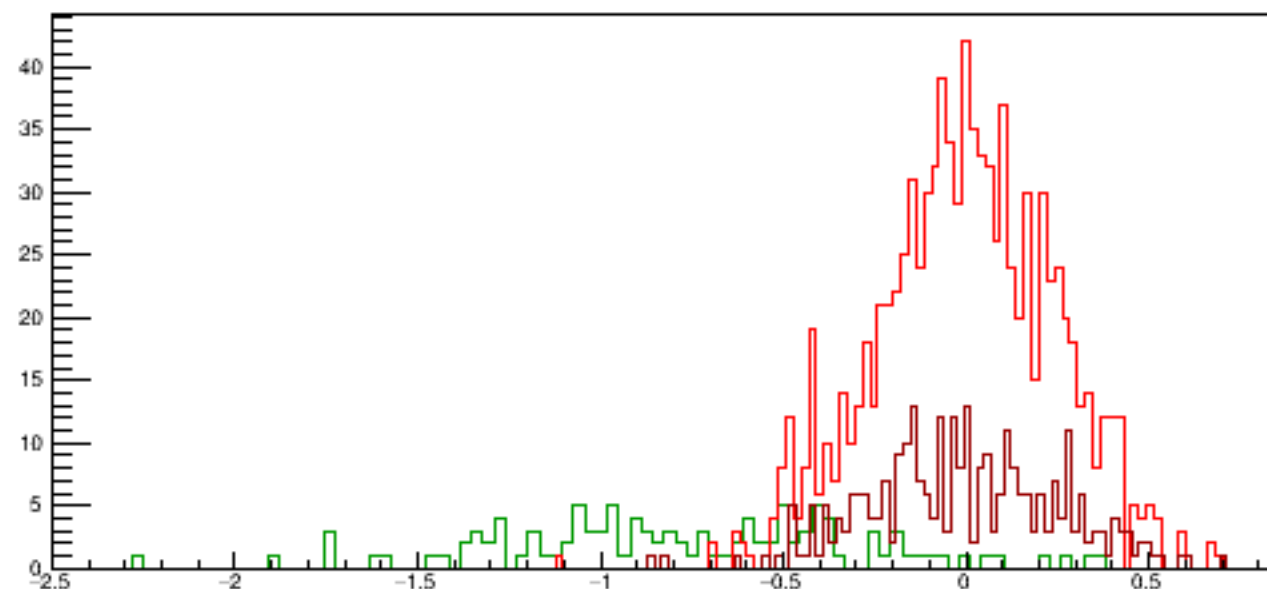
bcm:mpsCoda {mpsCoda>=18851 && mpsCoda<=49774}



Cycle 3, Diffs

Entries: 968	Entries: 113	Entries: 295
Mean: -0.0050 +/- 0.0078	Mean: -0.7750 +/- 0.0462	Mean: -0.0070 +/- 0.0151
Std Dev: 0.2437 +/- 0.0055	Std Dev: 0.4909 +/- 0.0327	Std Dev: 0.2585 +/- 0.0106

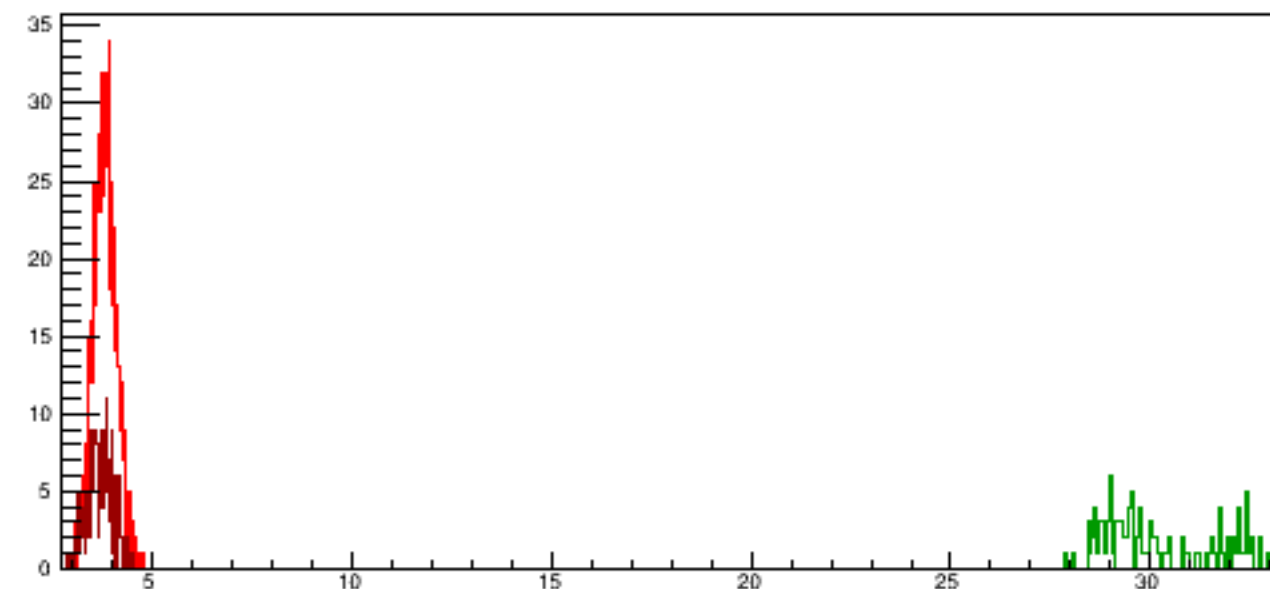
Run 5311 quartetwise, Diffs



Cycle 3, Sums

Entries: 968	Entries: 113	Entries: 295
Mean: 3.7918 +/- 0.0092	Mean: 30.2187 +/- 0.1313	Mean: 3.6905 +/- 0.0180
Std Dev: 0.2870 +/- 0.0065	Std Dev: 1.3960 +/- 0.0929	Std Dev: 0.3094 +/- 0.0127

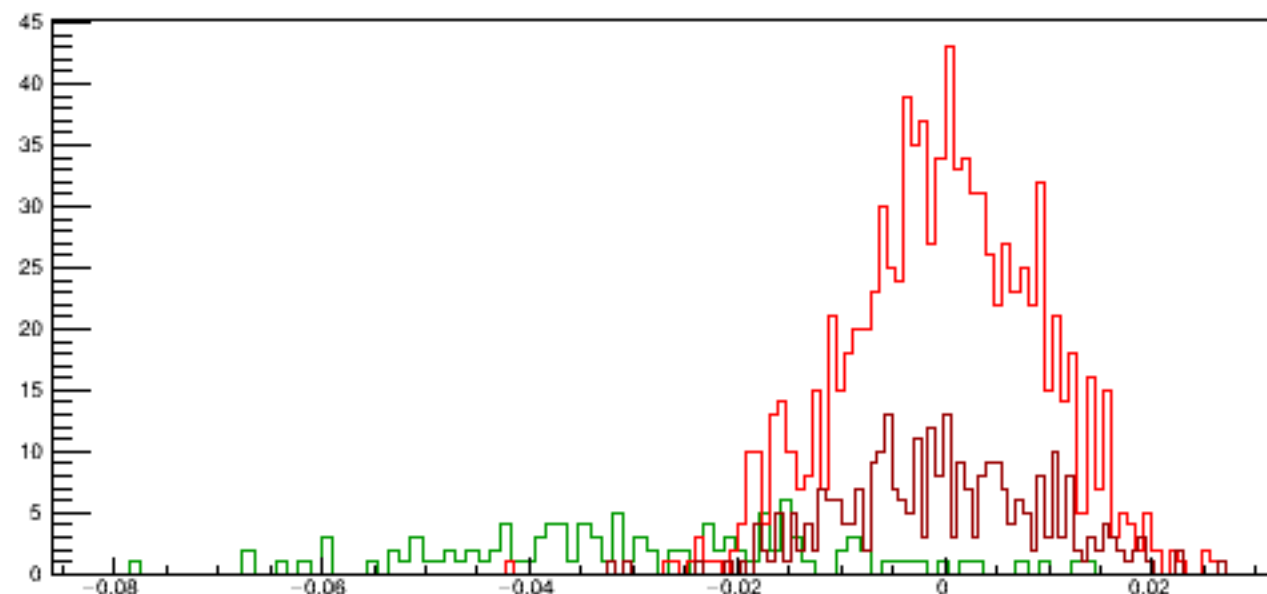
Run 5311 quartetwise, Sums



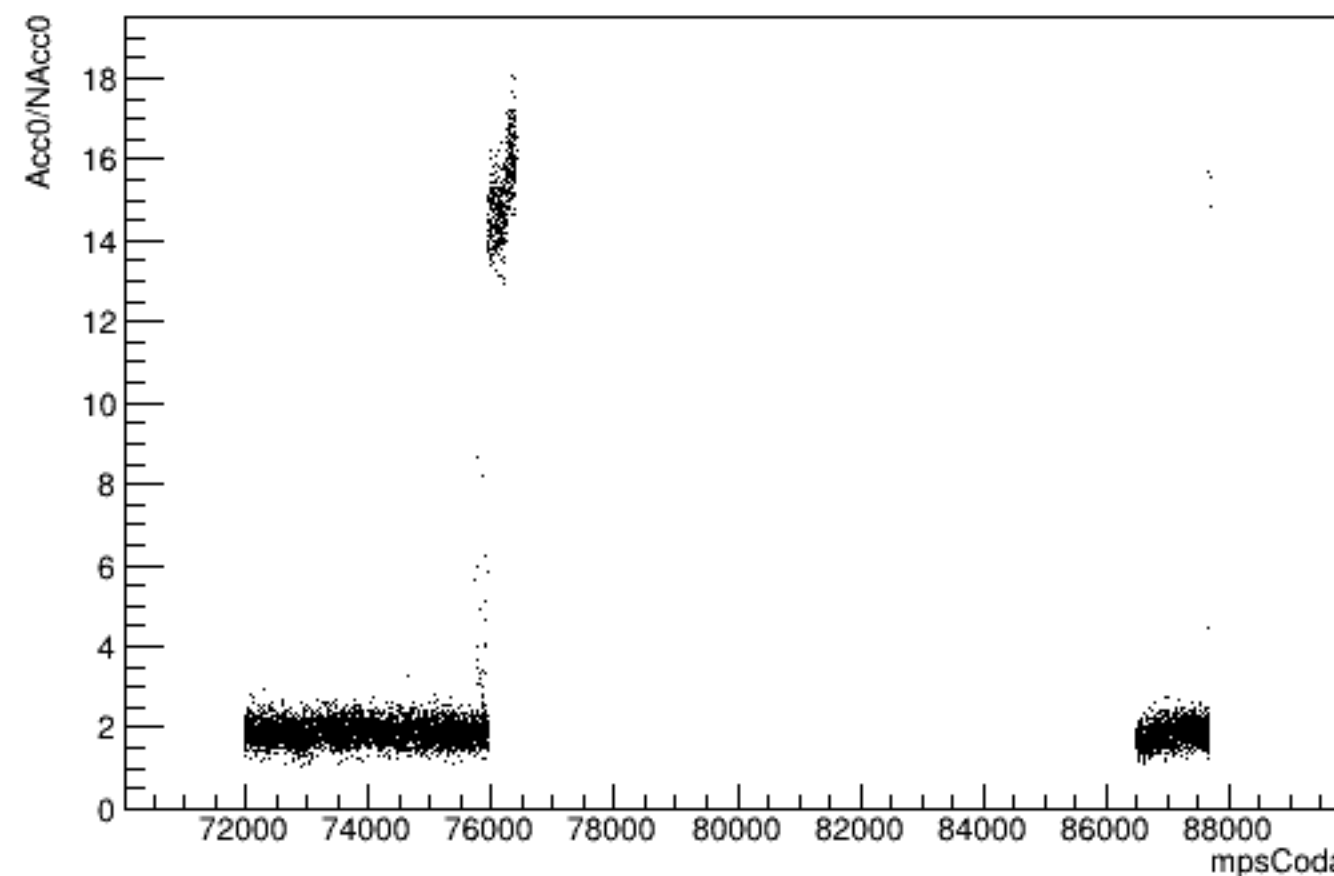
Cycle 3, Asyms

Entries: 968	Entries: 113	Entries: 295
Mean: -0.0002 +/- 0.0003	Mean: -0.0293 +/- 0.0017	Mean: -0.0003 +/- 0.0006
Std Dev: 0.0092 +/- 0.0002	Std Dev: 0.0183 +/- 0.0012	Std Dev: 0.0098 +/- 0.0004

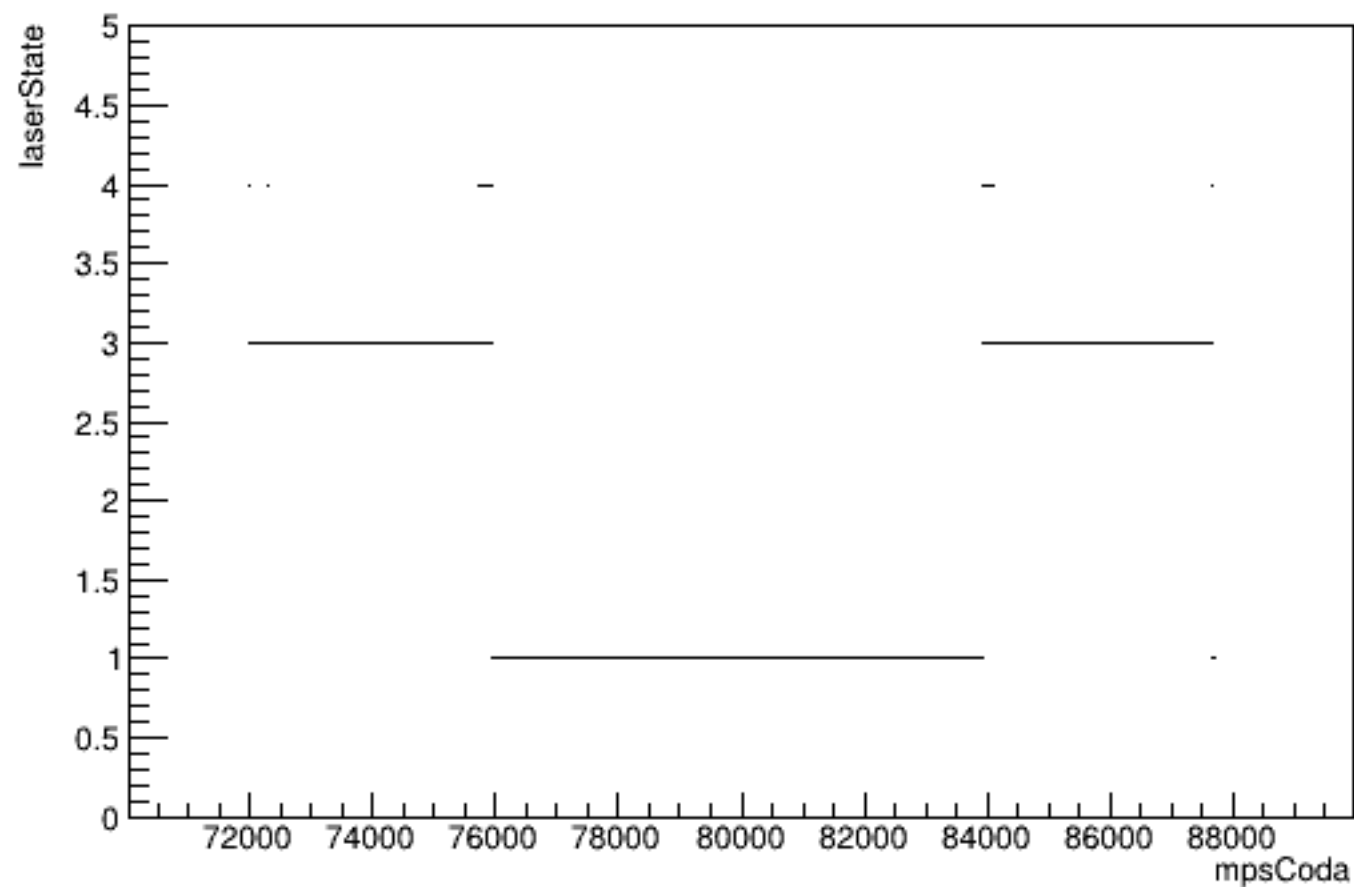
Run 5311 quartetwise, Asyms



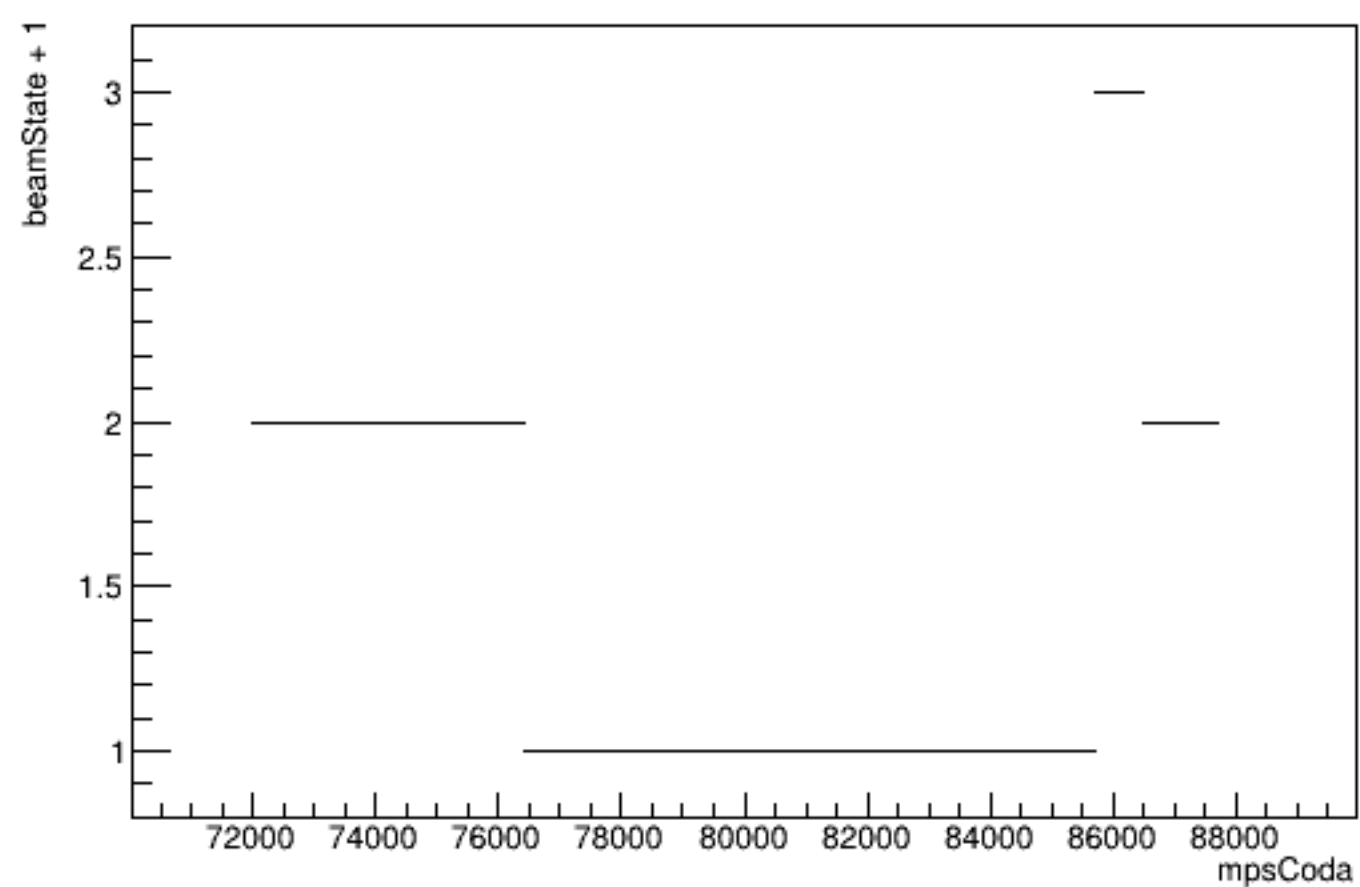
Acc0/NAcc0:mpsCoda {mpsCoda>=71967 && mpsCoda<=87690 && beamState==1}



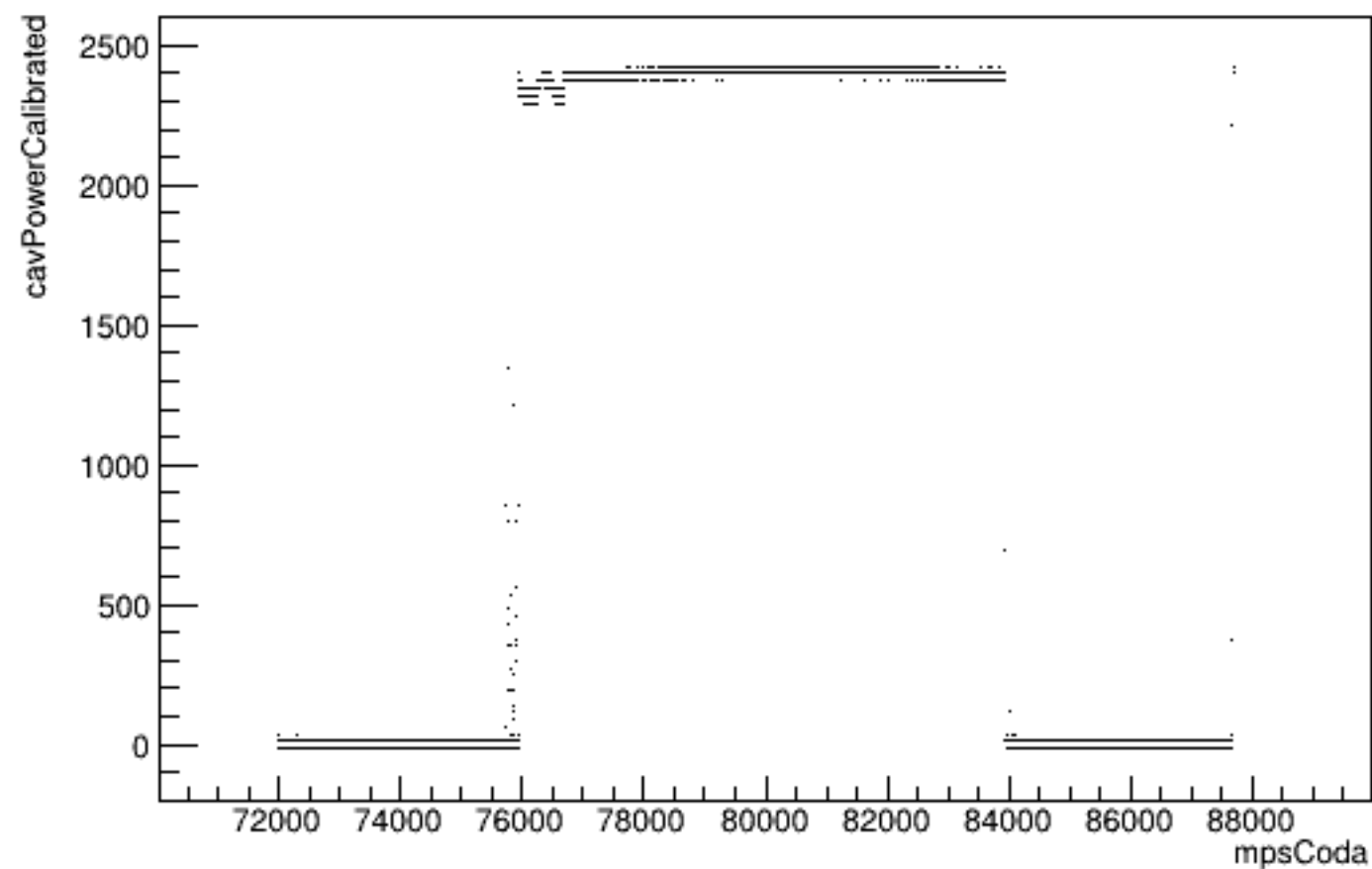
laserState:mpsCoda {mpsCoda>=71967 && mpsCoda<=87690}



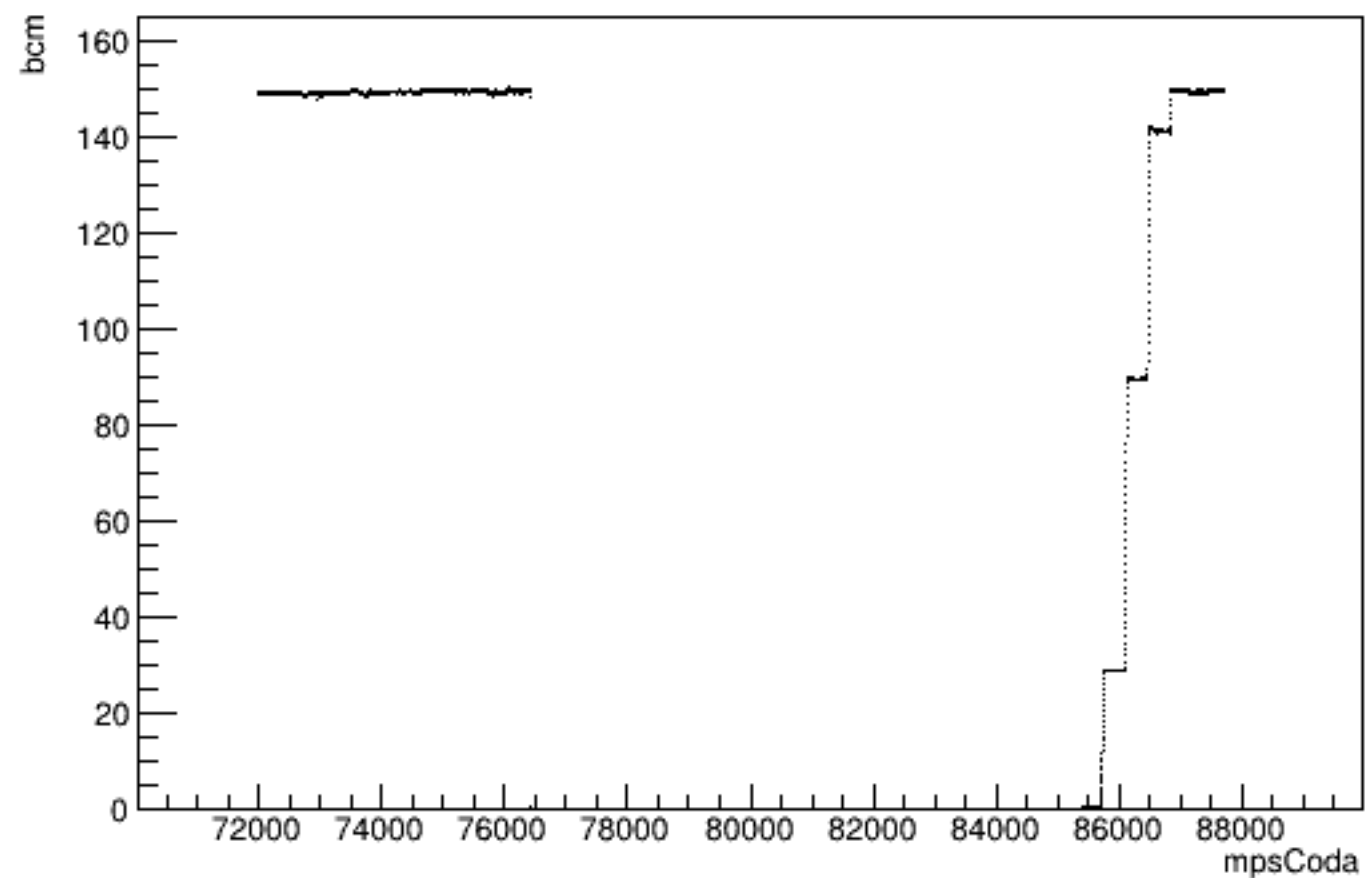
beamState + 1:mpsCoda {mpsCoda>=71967 && mpsCoda<=87690}



cavPowerCalibrated:mpsCoda {mpsCoda>=71967 && mpsCoda<=87690}



bcm:mpsCoda {mpsCoda>=71967 && mpsCoda<=87690}



Cycle 4, Diffs

Entries: 295

Mean: -0.0070 +/- 0.0151

Std Dev: 0.2585 +/- 0.0106

Entries: 1999

Mean: -0.8391 +/- 0.0110

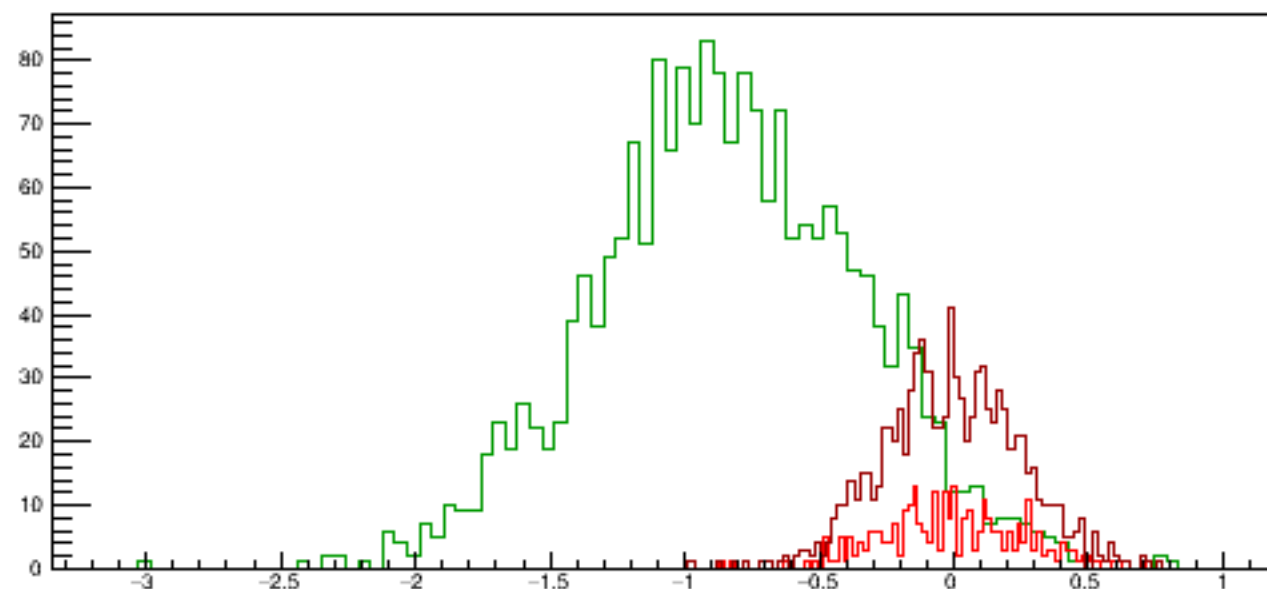
Std Dev: 0.4926 +/- 0.0078

Entries: 934

Mean: -0.0077 +/- 0.0083

Std Dev: 0.2538 +/- 0.0059

Run 5311 quartetwise, Diffs



Cycle 4, Sums

Entries: 295

Mean: 3.6905 +/- 0.0180

Std Dev: 0.3094 +/- 0.0127

Entries: 1999

Mean: 31.0145 +/- 0.0488

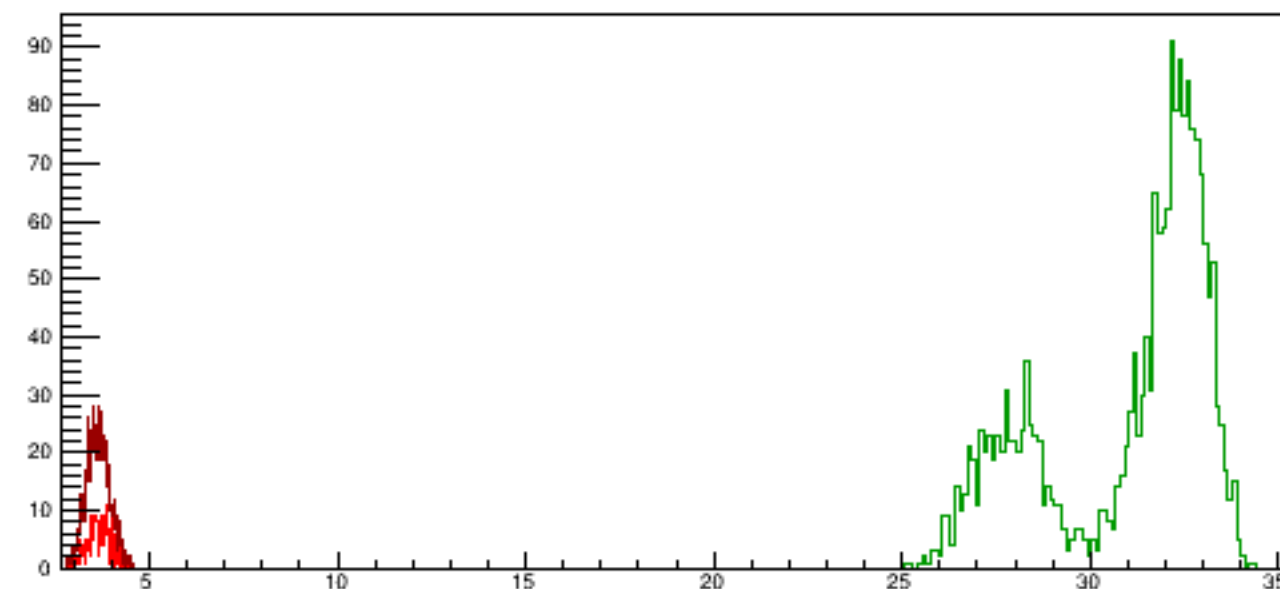
Std Dev: 2.1838 +/- 0.0345

Entries: 934

Mean: 3.6316 +/- 0.0103

Std Dev: 0.3143 +/- 0.0073

Run 5311 quartetwise, Sums



Cycle 4, Asyms

Entries: 295

Mean: -0.0003 +/- 0.0006

Std Dev: 0.0095 +/- 0.0004

Entries: 1999

Mean: -0.0307 +/- 0.0004

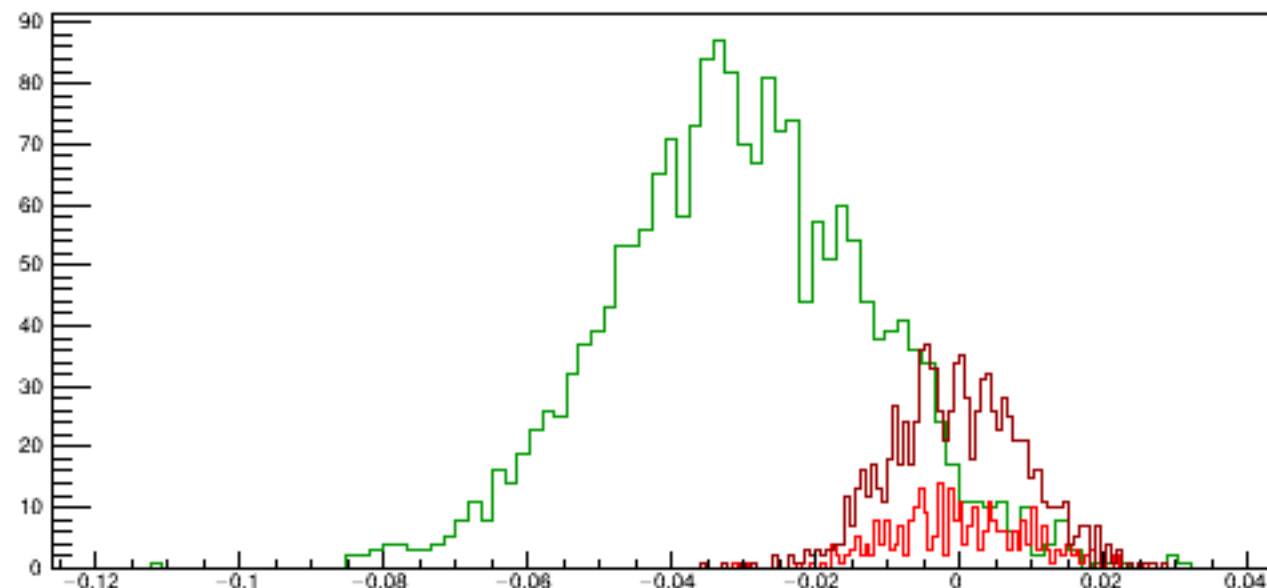
Std Dev: 0.0181 +/- 0.0003

Entries: 934

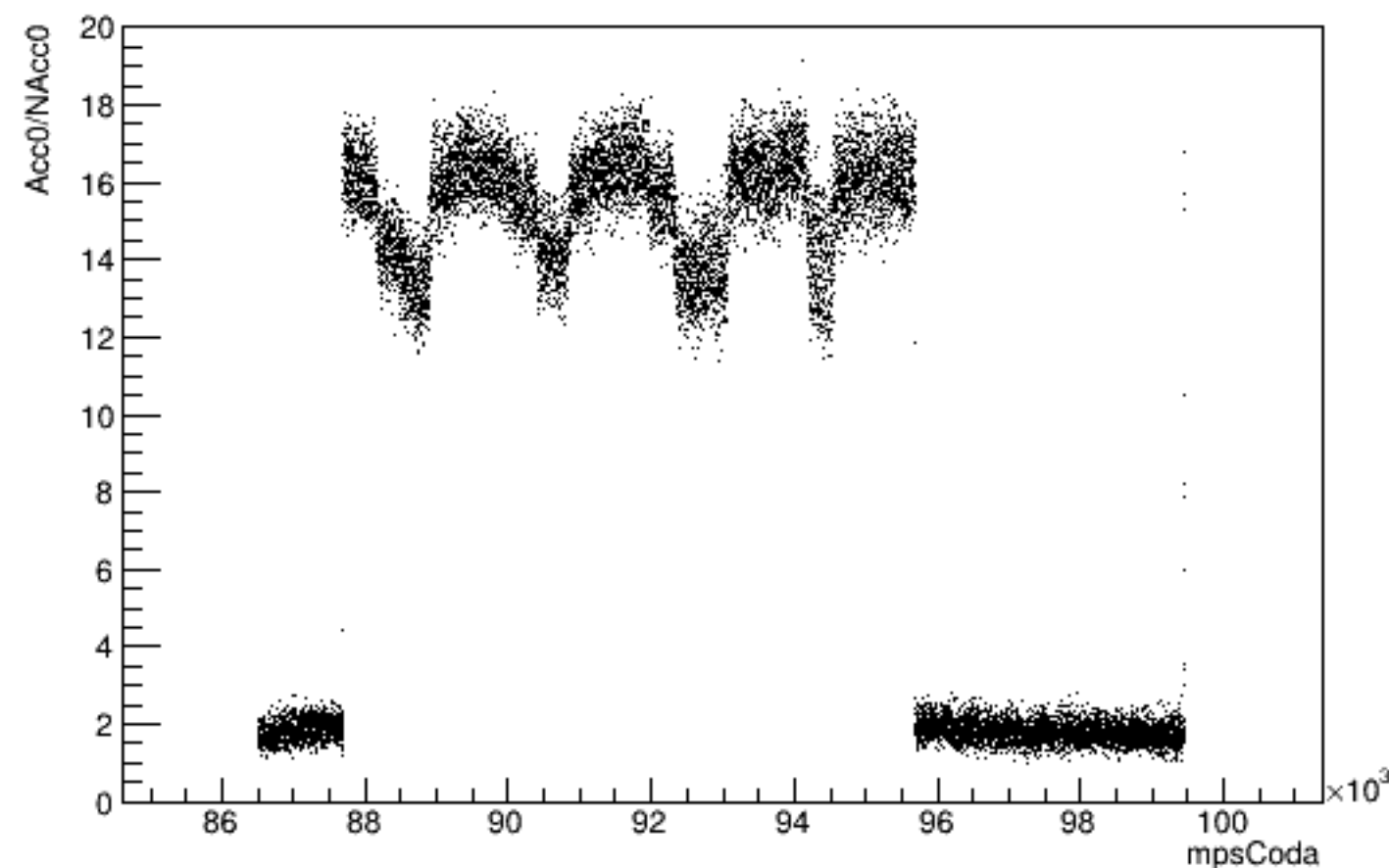
Mean: -0.0003 +/- 0.0003

Std Dev: 0.0093 +/- 0.0002

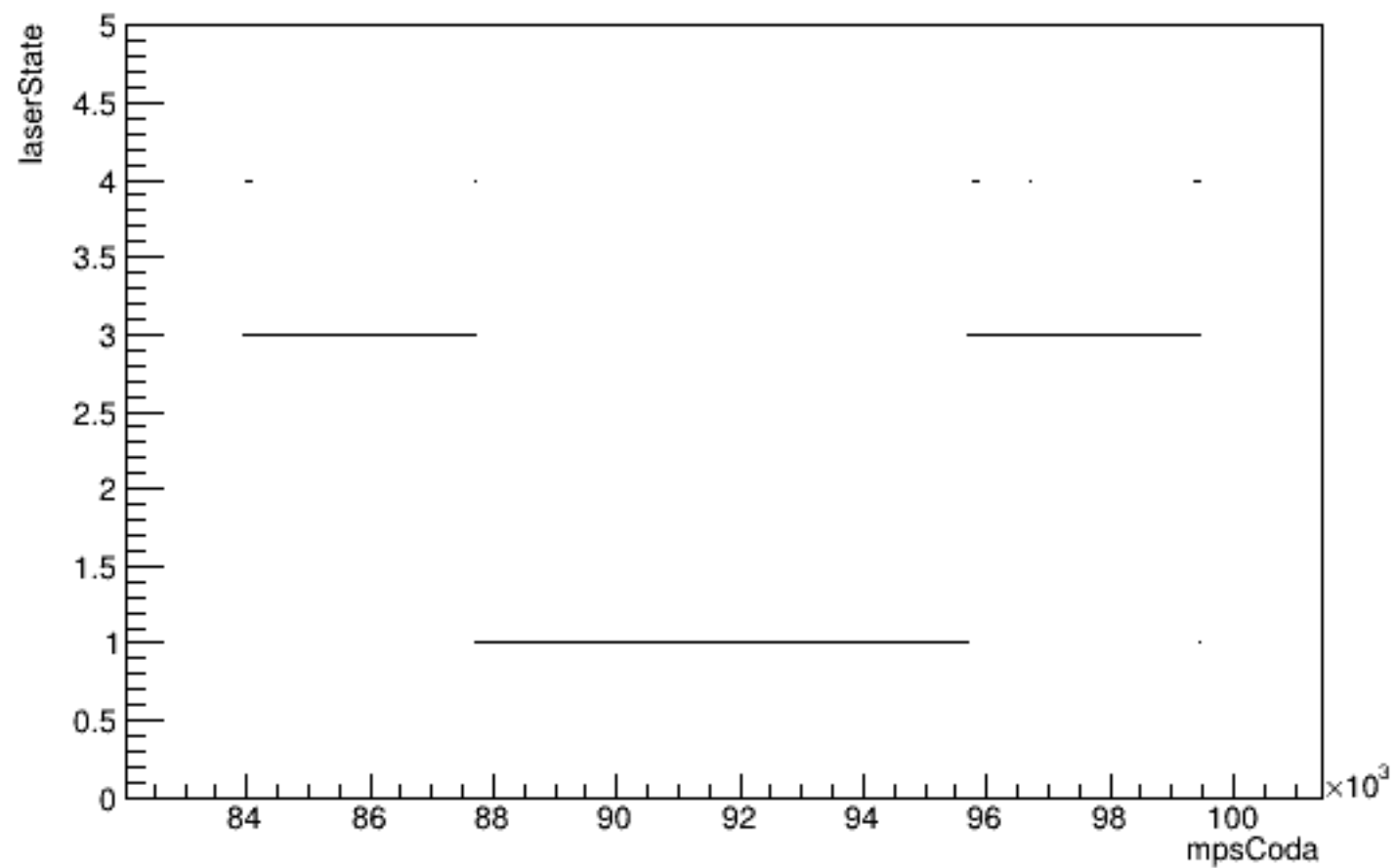
Run 5311 quartetwise, Asyms



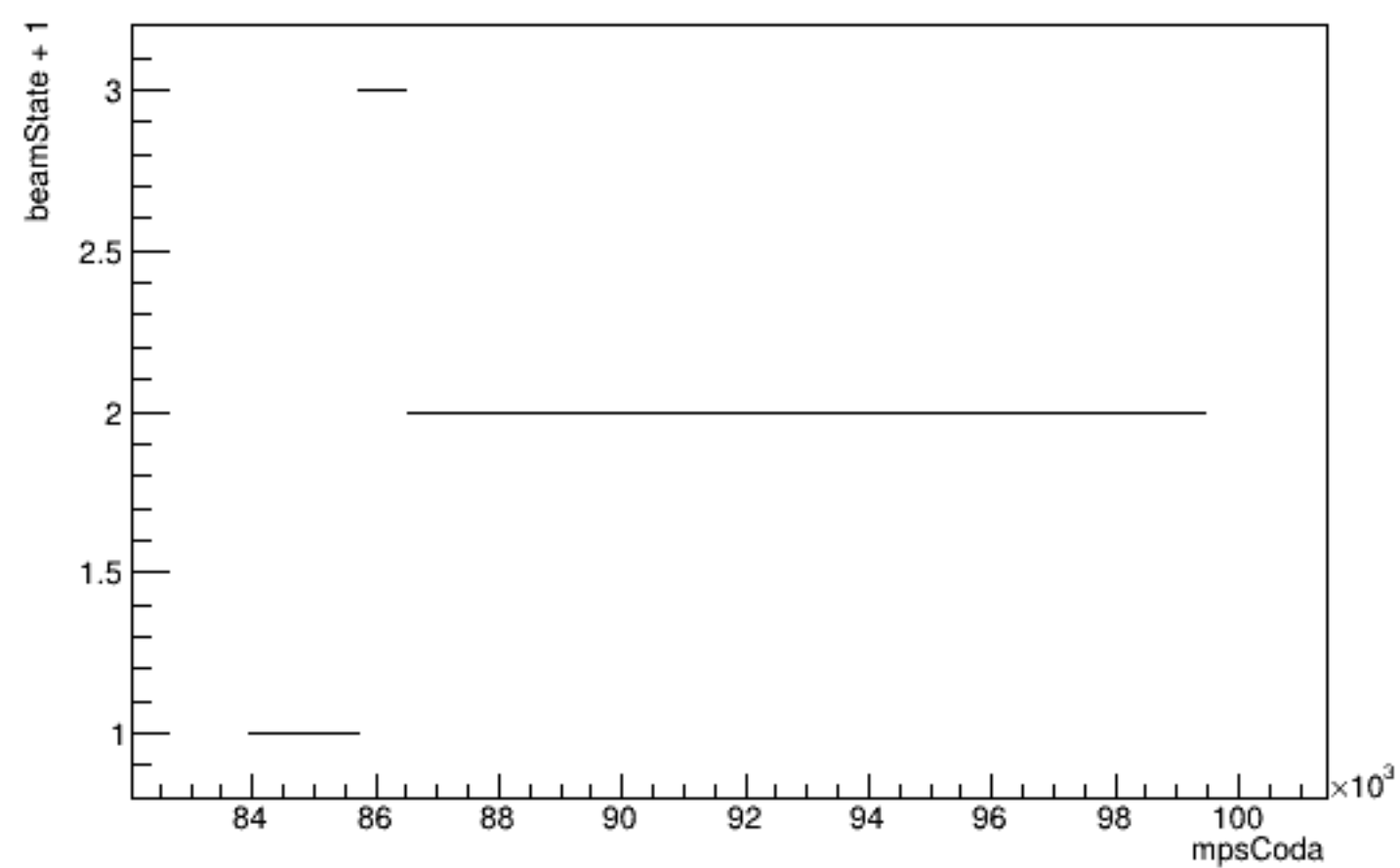
Acc0/NAcc0:mpsCoda {mpsCoda>=83955 && mpsCoda<=99466 && beamState==1}



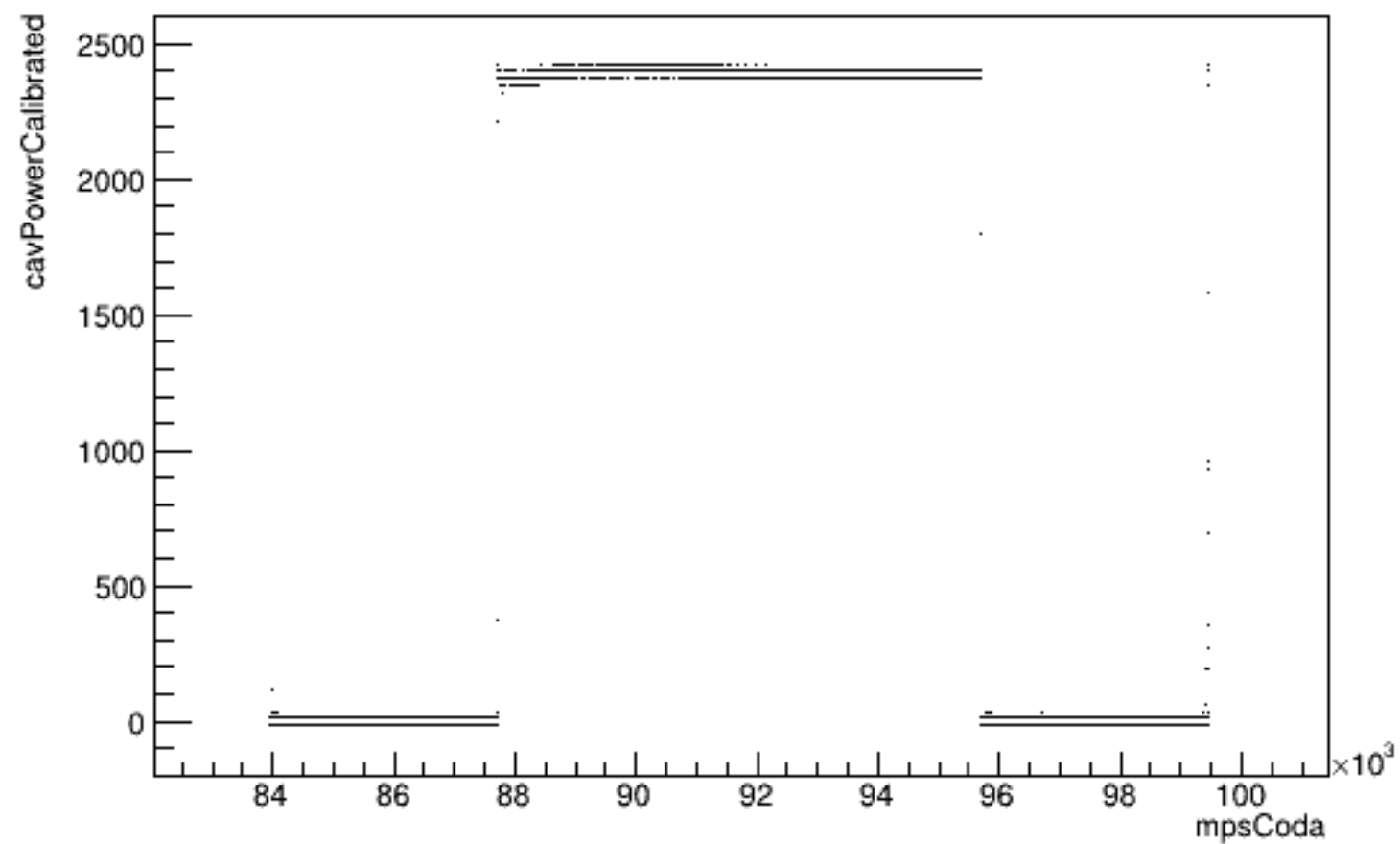
laserState:mpsCoda {mpsCoda>=83955 && mpsCoda<=99466}



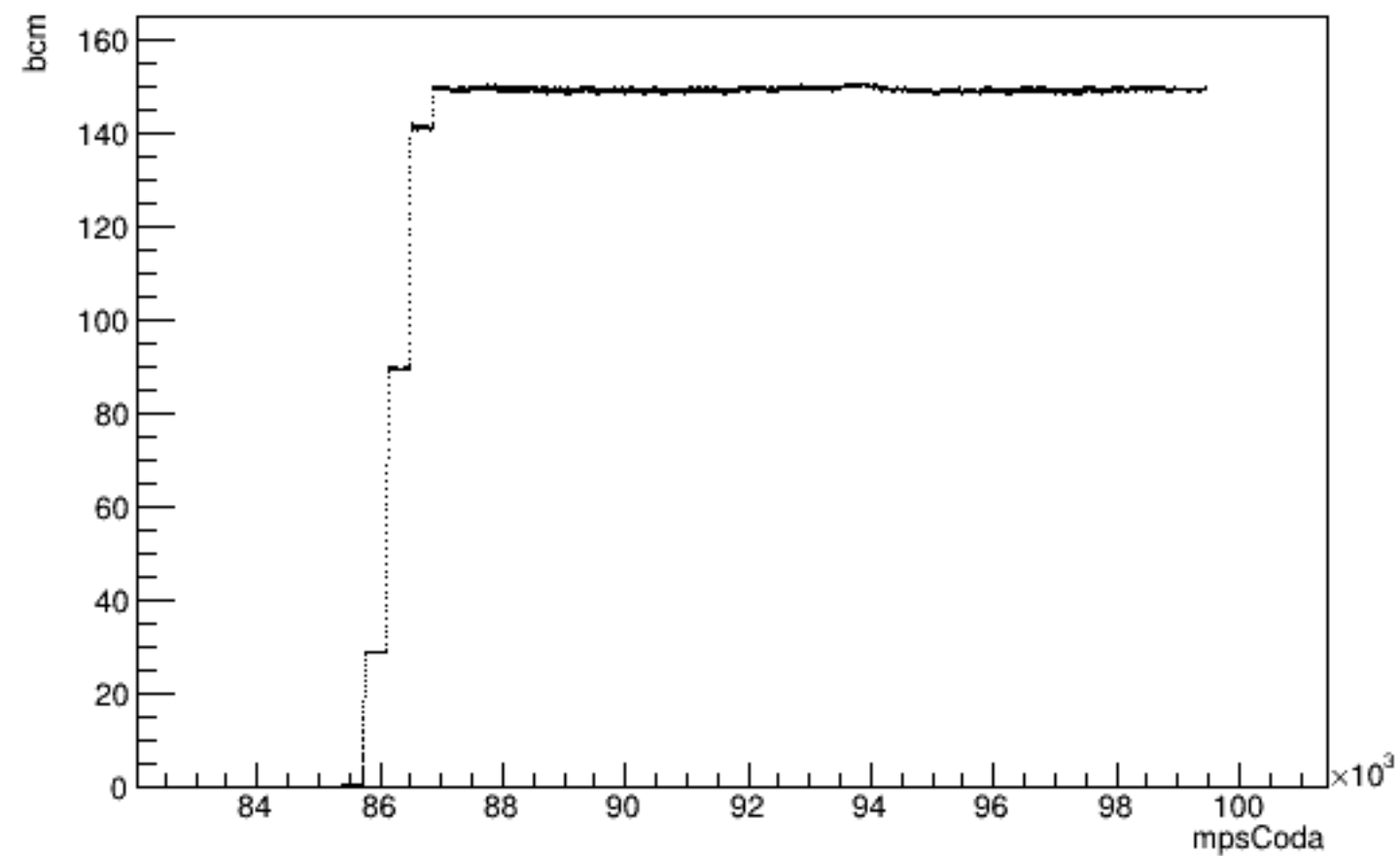
beamState + 1:mpsCoda {mpsCoda>=83955 && mpsCoda<=99466}



cavPowerCalibrated:mpsCoda {mpsCoda>=83955 && mpsCoda<=99466}



bcm:mpsCoda {mpsCoda>=83955 && mpsCoda<=99466}



Cycle 5, Diffs

Entries: 934

Mean: -0.0077 +/- 0.0083

Std Dev: 0.2538 +/- 0.0059

Entries: 1932

Mean: -0.8846 +/- 0.0112

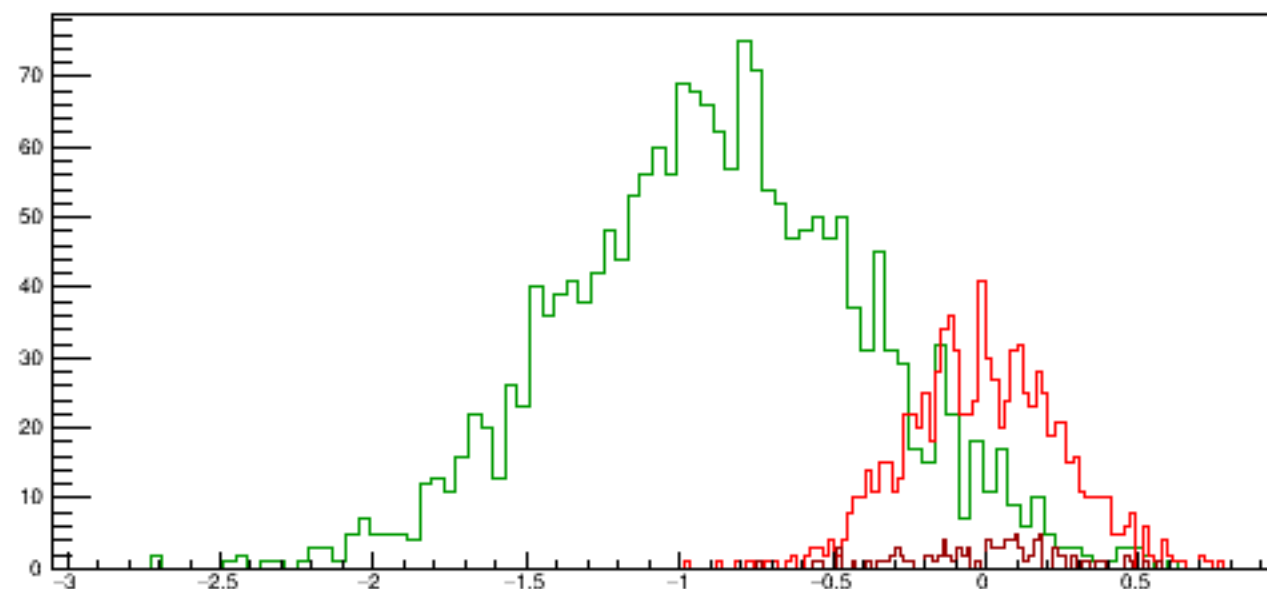
Std Dev: 0.4937 +/- 0.0079

Entries: 102

Mean: -0.0045 +/- 0.0247

Std Dev: 0.2496 +/- 0.0175

Run 5311 quartetwise, Diffs



Cycle 5, Sums

Entries: 934

Mean: 3.6316 +/- 0.0103

Std Dev: 0.3143 +/- 0.0073

Entries: 1932

Mean: 31.7354 +/- 0.0208

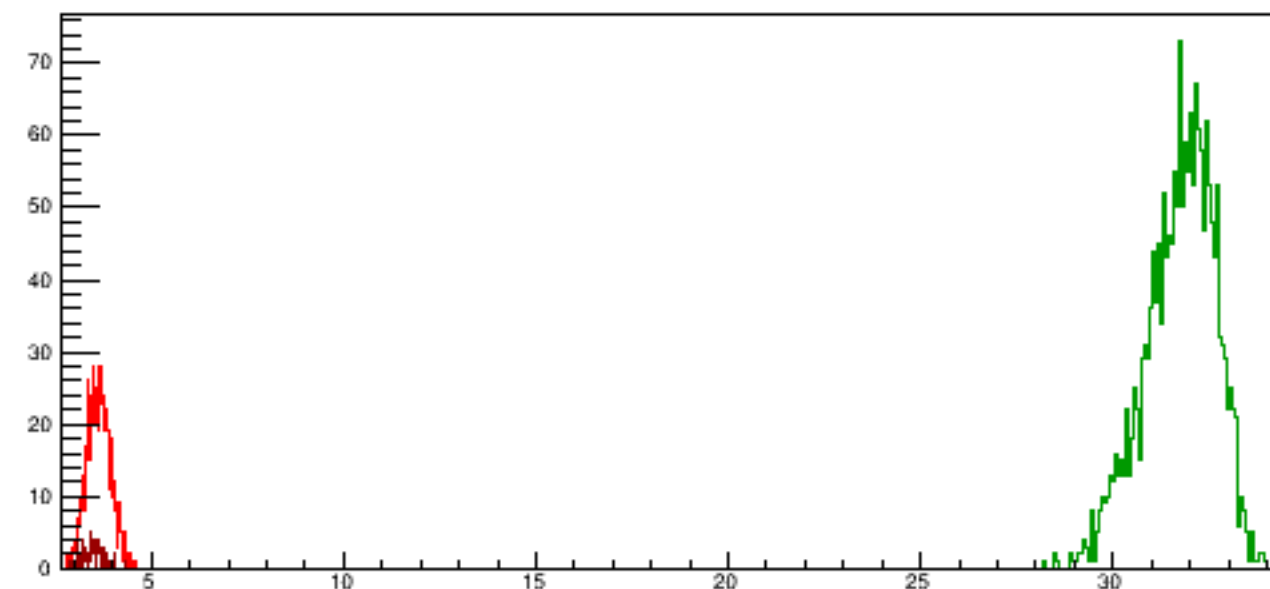
Std Dev: 0.9129 +/- 0.0147

Entries: 102

Mean: 3.4756 +/- 0.0279

Std Dev: 0.2822 +/- 0.0198

Run 5311 quartetwise, Sums



Cycle 5, Asyms

Entries: 934

Mean: -0.0003 +/- 0.0003

Std Dev: 0.0090 +/- 0.0002

Entries: 1932

Mean: -0.0314 +/- 0.0004

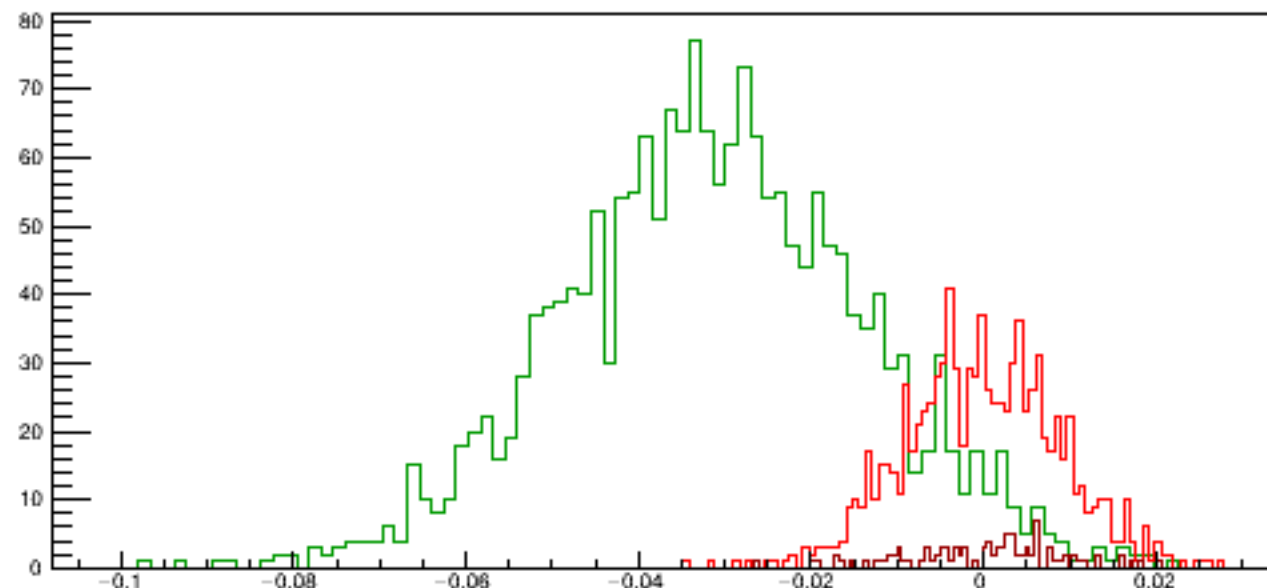
Std Dev: 0.0175 +/- 0.0003

Entries: 102

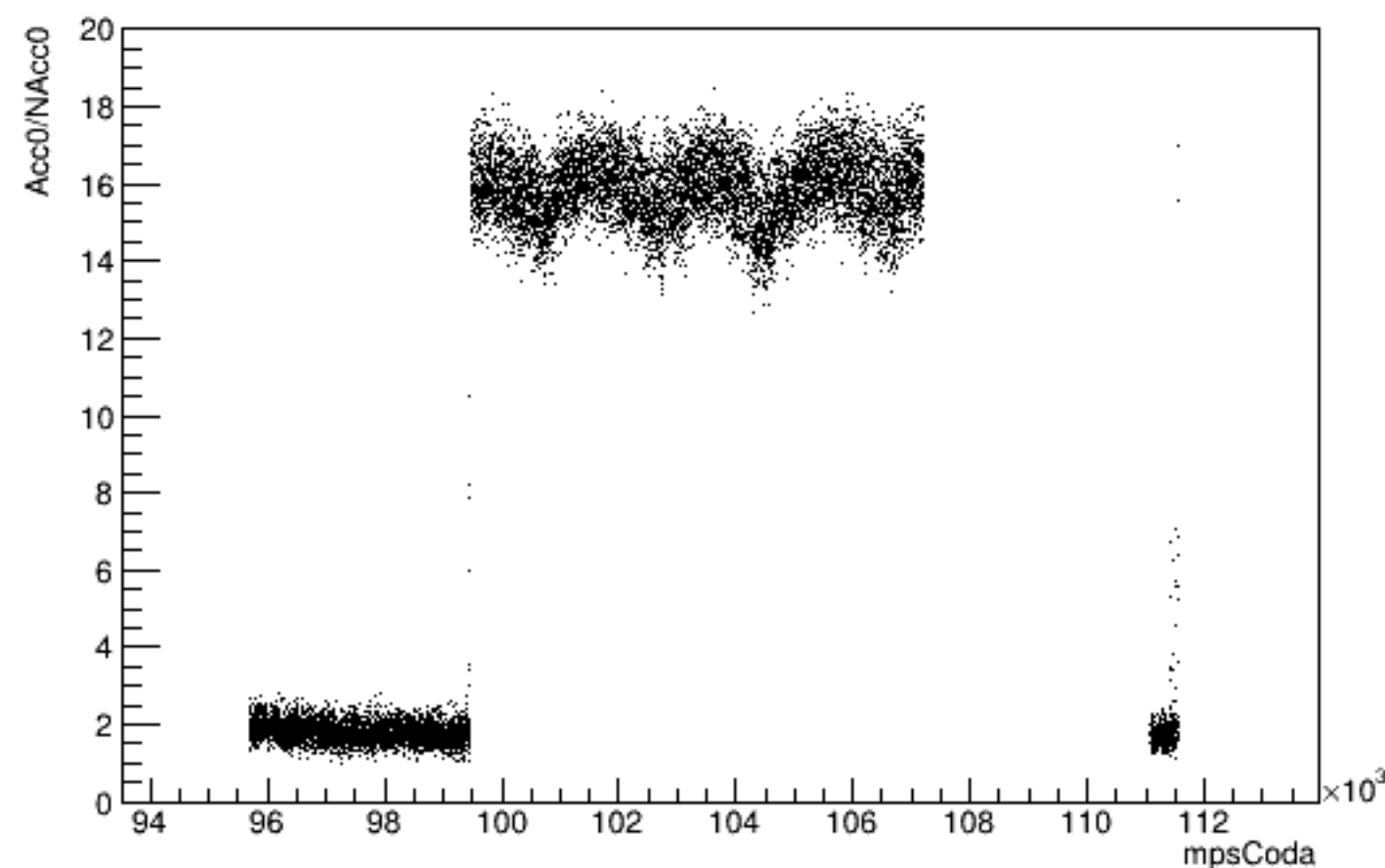
Mean: -0.0002 +/- 0.0009

Std Dev: 0.0089 +/- 0.0006

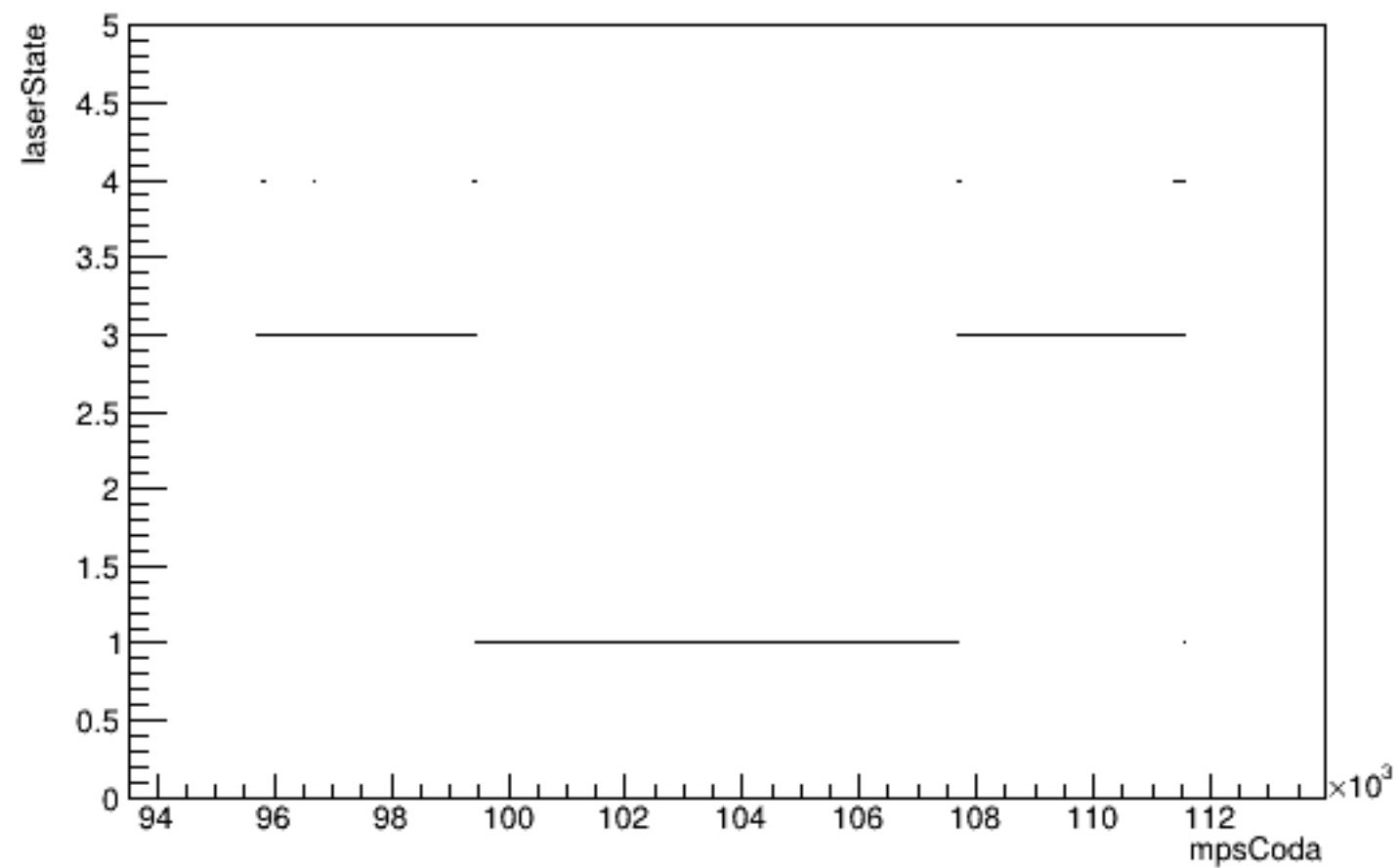
Run 5311 quartetwise, Asyms



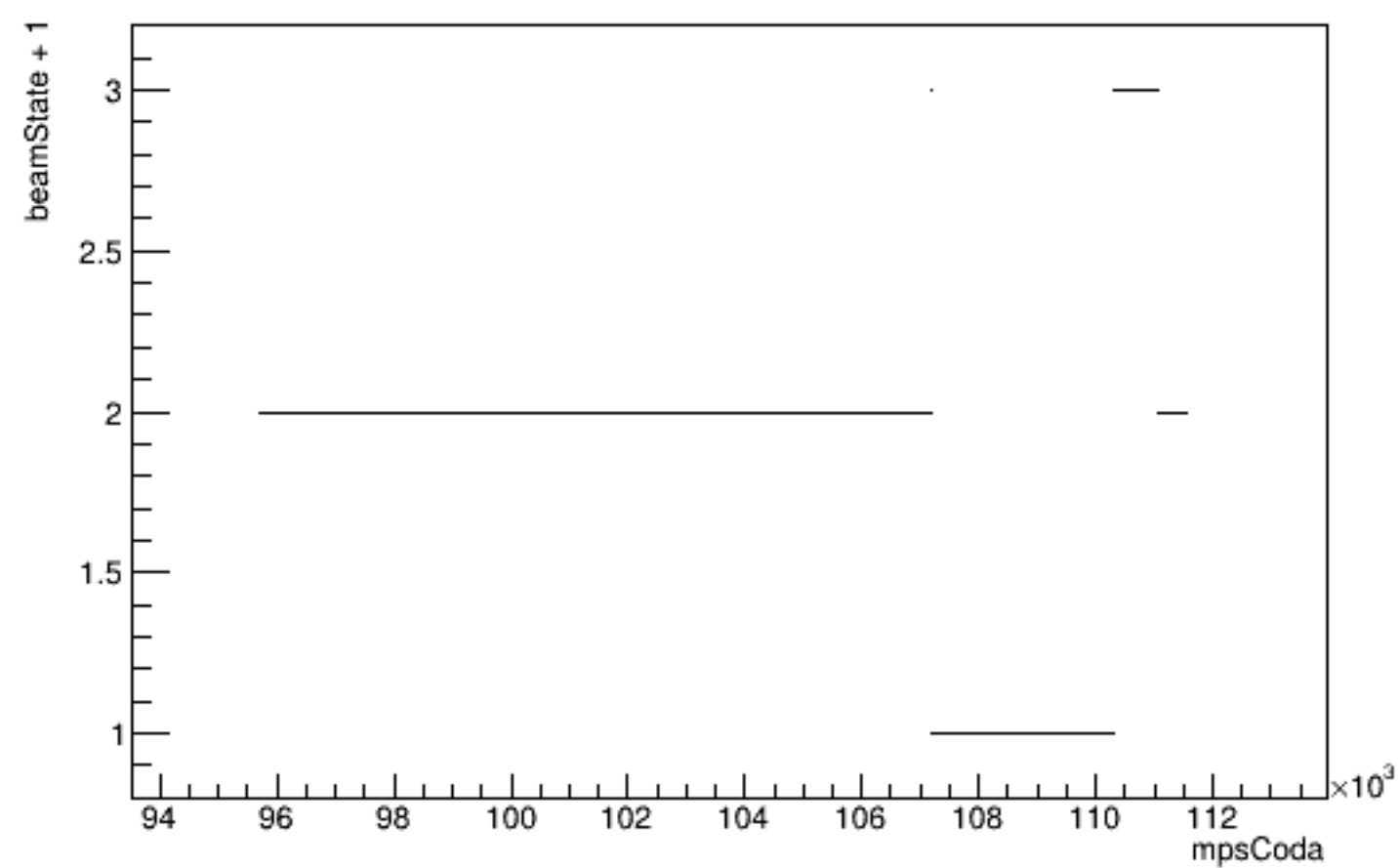
Acc0/NAcc0:mpsCoda {mpsCoda>=95687 && mpsCoda<=111558 && beamState==1}



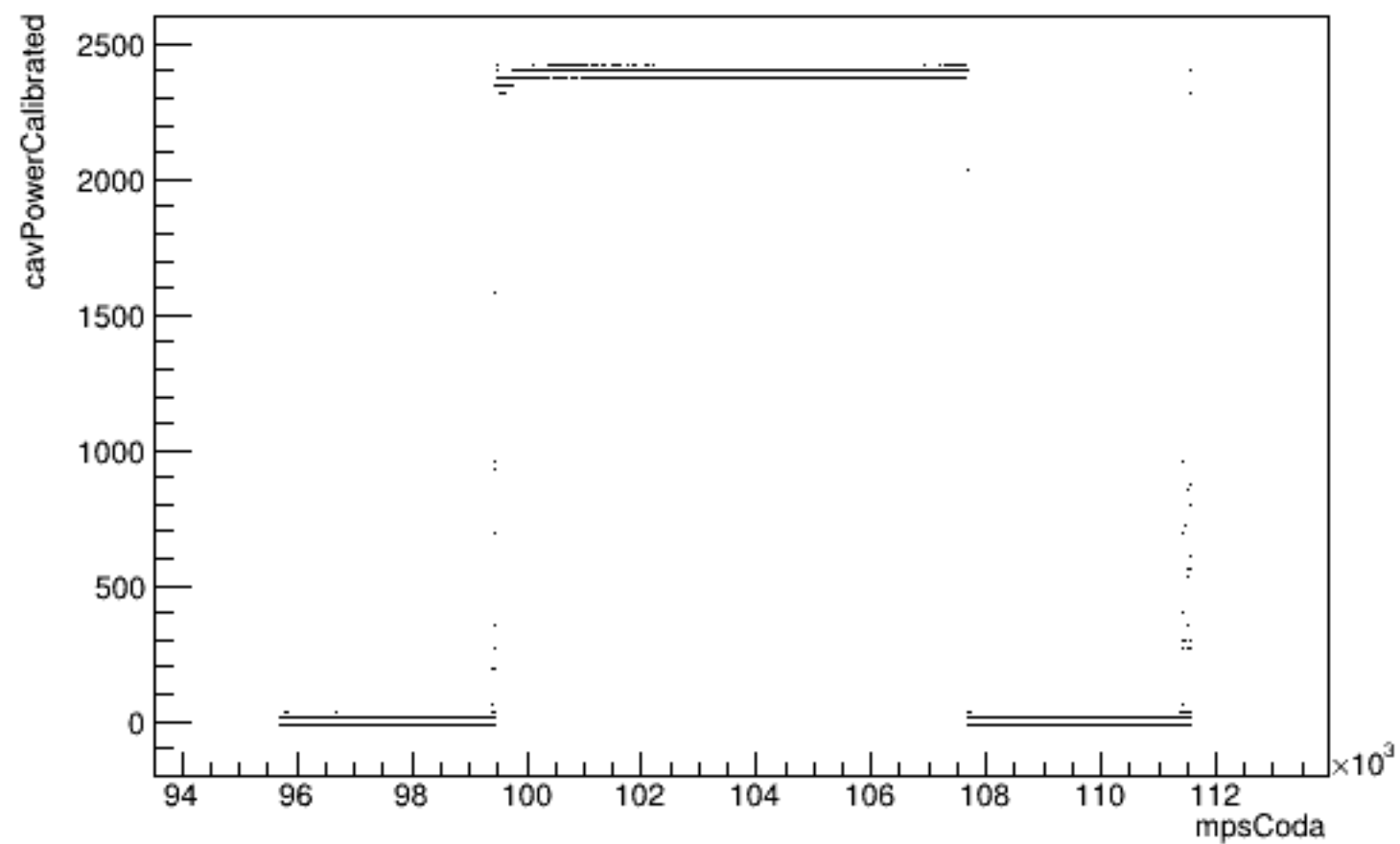
laserState:mpsCoda {mpsCoda>=95687 && mpsCoda<=111558}



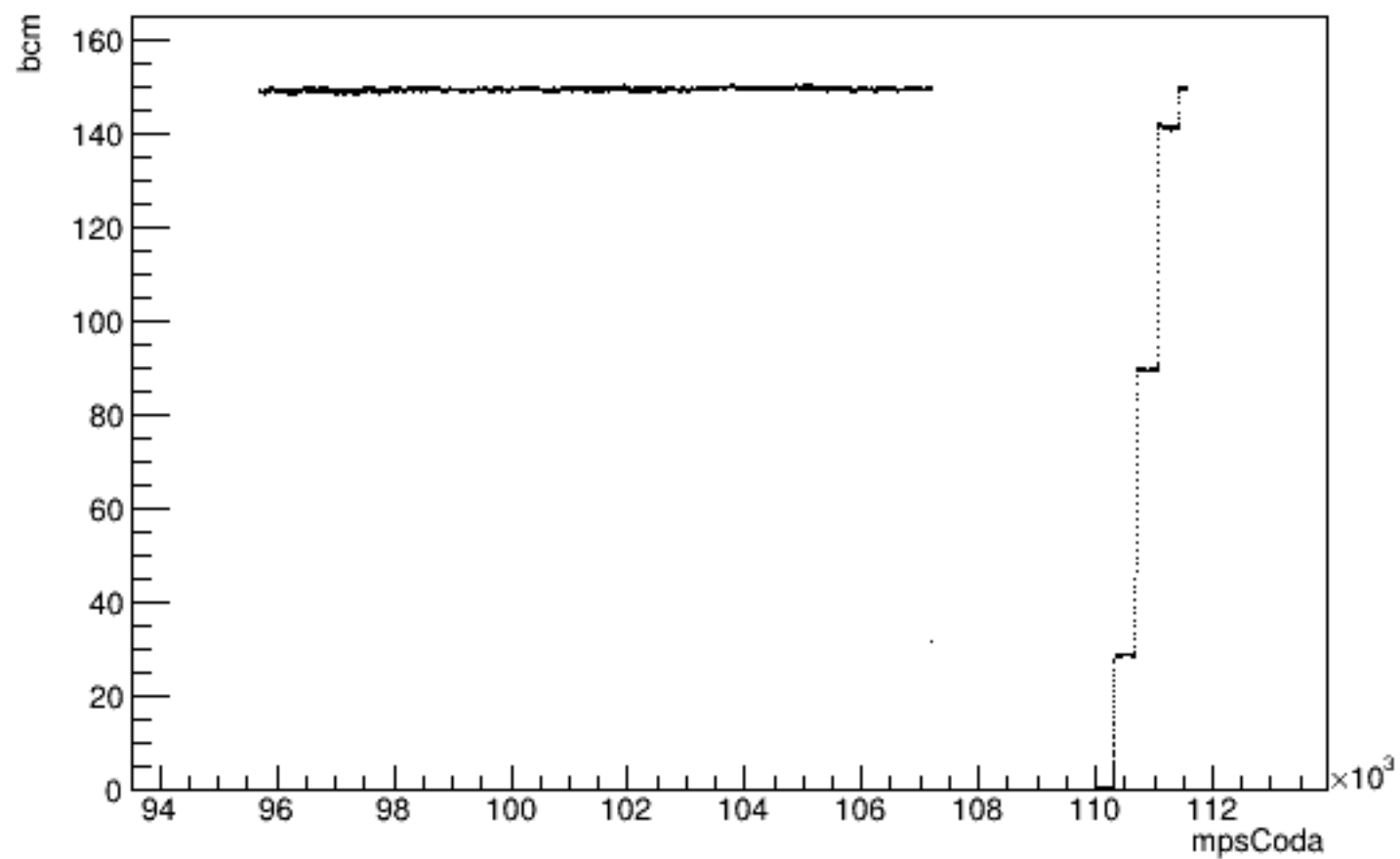
beamState + 1:mpsCoda {mpsCoda>=95687 && mpsCoda<=111558}



cavPowerCalibrated:mpsCoda {mpsCoda>=95687 && mpsCoda<=111558}



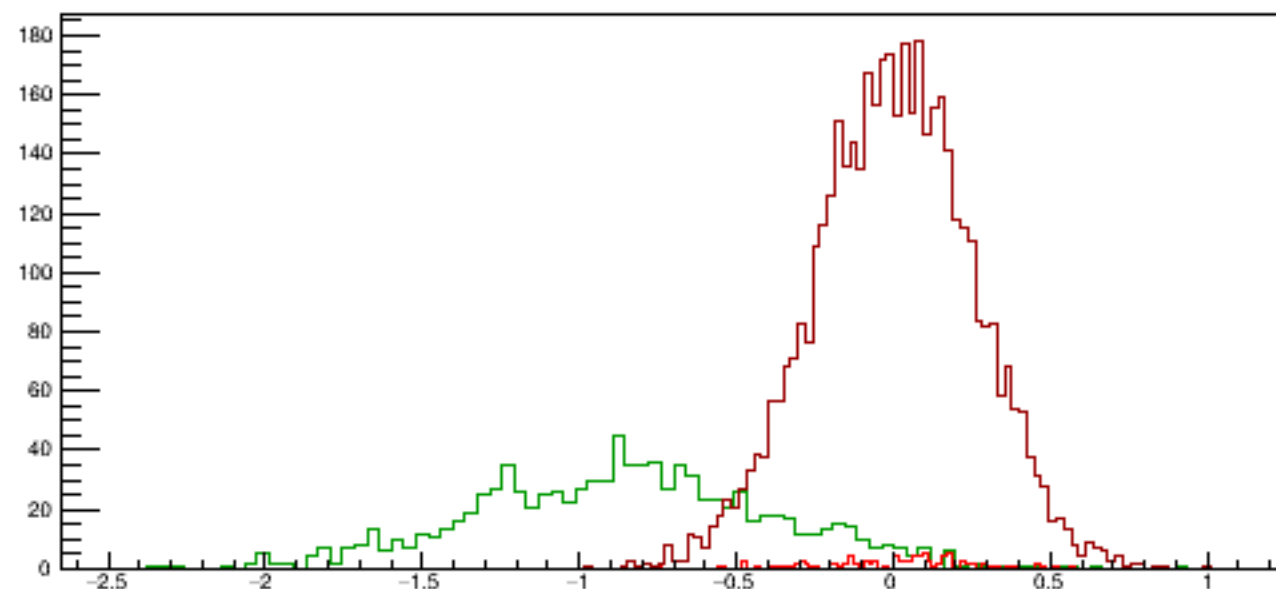
bcm:mpsCoda {mpsCoda>=95687 && mpsCoda<=111558}



Cycle 6, Diffs

Entries: 102	Entries: 976	Entries: 4550
Mean: -0.0045 +/- 0.0247	Mean: -0.8573 +/- 0.0153	Mean: -0.0001 +/- 0.0037
Std Dev: 0.2496 +/- 0.0175	Std Dev: 0.4783 +/- 0.0108	Std Dev: 0.2528 +/- 0.0027

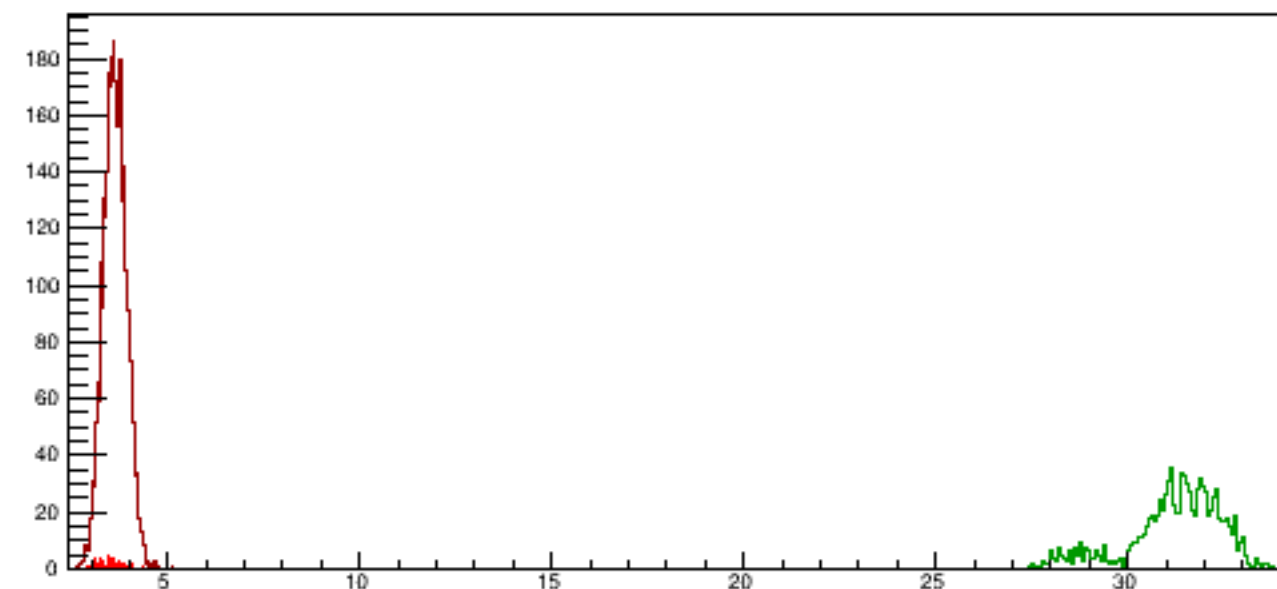
Run 5311 quartetwise, Diffs



Cycle 6, Sums

Entries: 102	Entries: 976	Entries: 4550
Mean: 3.4756 +/- 0.0279	Mean: 31.2105 +/- 0.0391	Mean: 3.6301 +/- 0.0044
Std Dev: 0.2822 +/- 0.0198	Std Dev: 1.2201 +/- 0.0276	Std Dev: 0.2969 +/- 0.0031

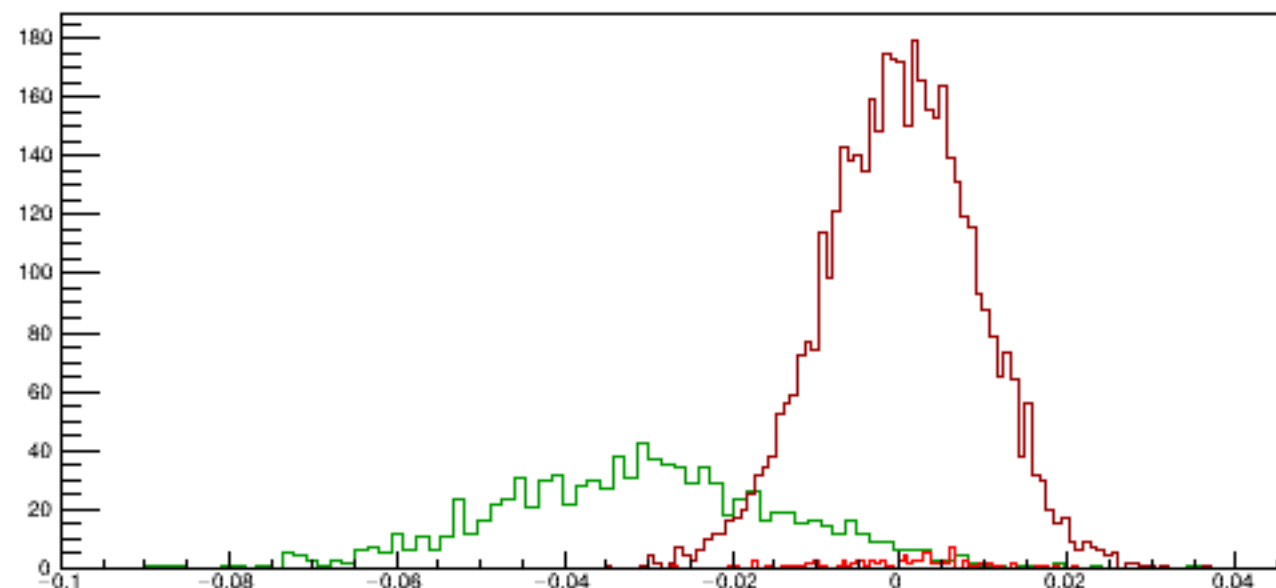
Run 5311 quartetwise, Sums



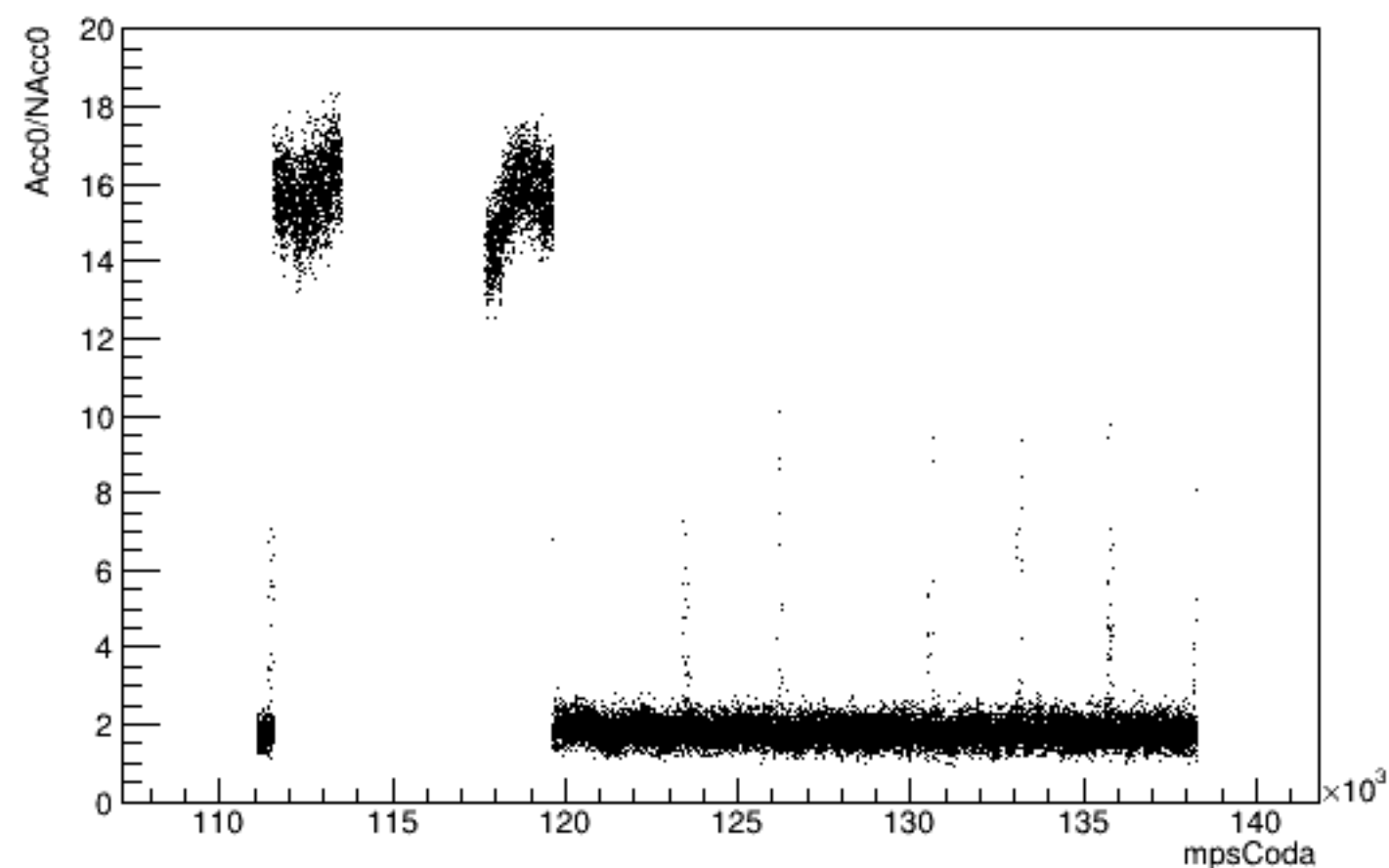
Cycle 6, Asyms

Entries: 102	Entries: 976	Entries: 4550
Mean: -0.0002 +/- 0.0009	Mean: -0.0311 +/- 0.0006	Mean: -0.0000 +/- 0.0001
Std Dev: 0.0090 +/- 0.0006	Std Dev: 0.0174 +/- 0.0004	Std Dev: 0.0091 +/- 0.0001

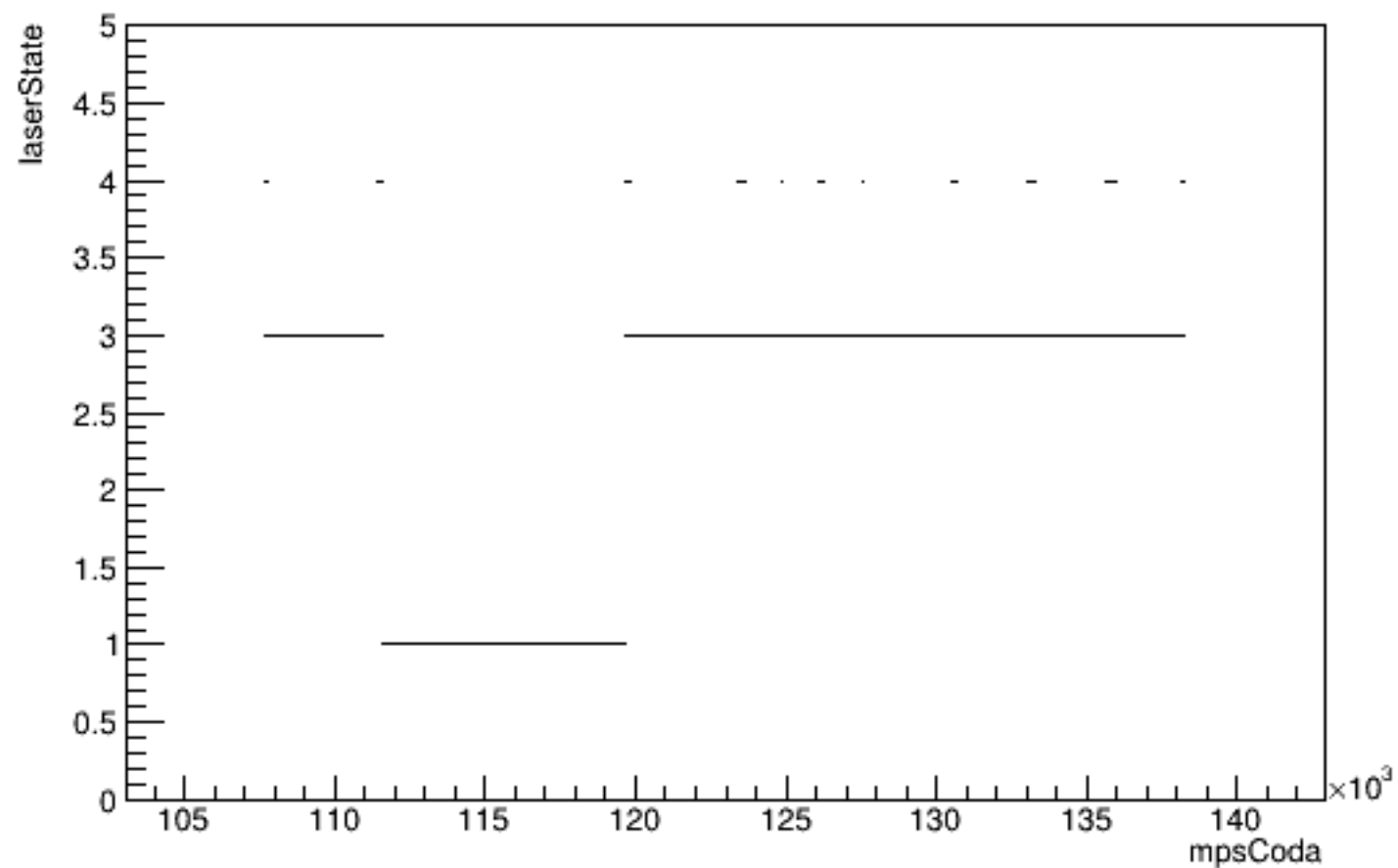
Run 5311 quartetwise, Asyms



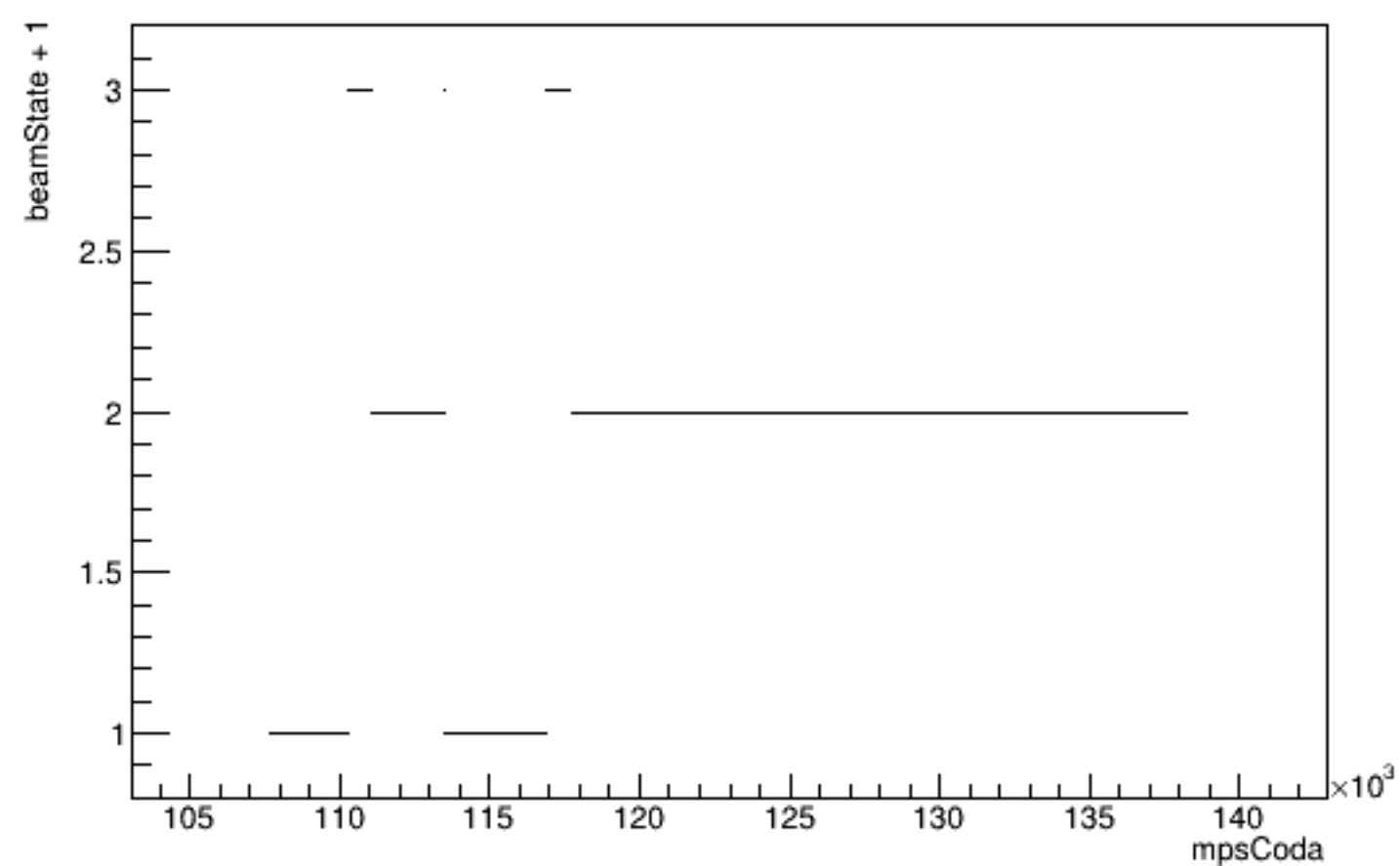
Acc0/NAcc0:mpsCoda (mpsCoda>=107671 && mpsCoda<=138266 && beamState==1)



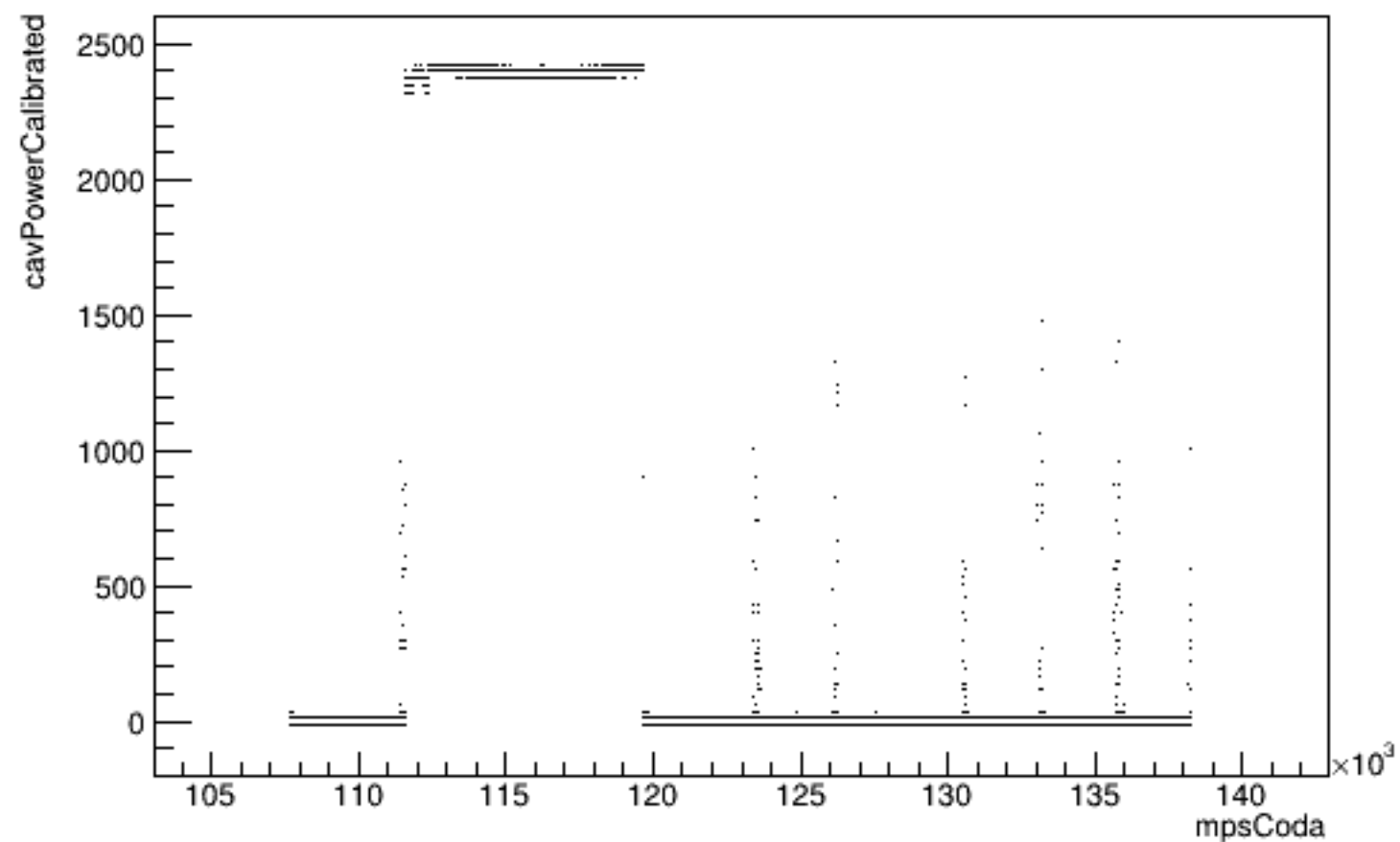
laserState:mpsCoda {mpsCoda>=107671 && mpsCoda<=138266}



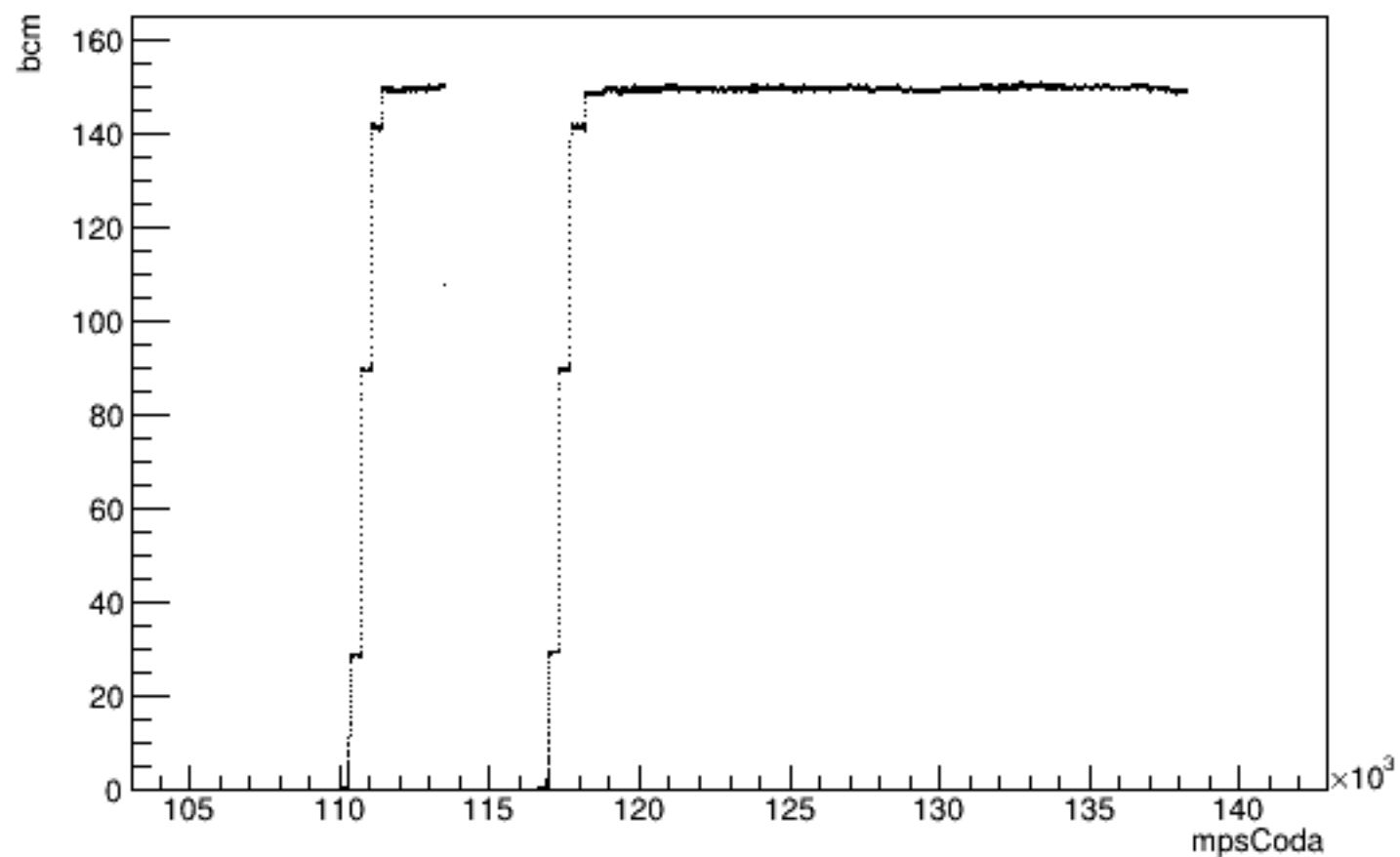
beamState + 1:mpsCoda {mpsCoda>=107671 && mpsCoda<=138266}



cavPowerCalibrated:mpsCoda {mpsCoda>=107671 && mpsCoda<=138266}



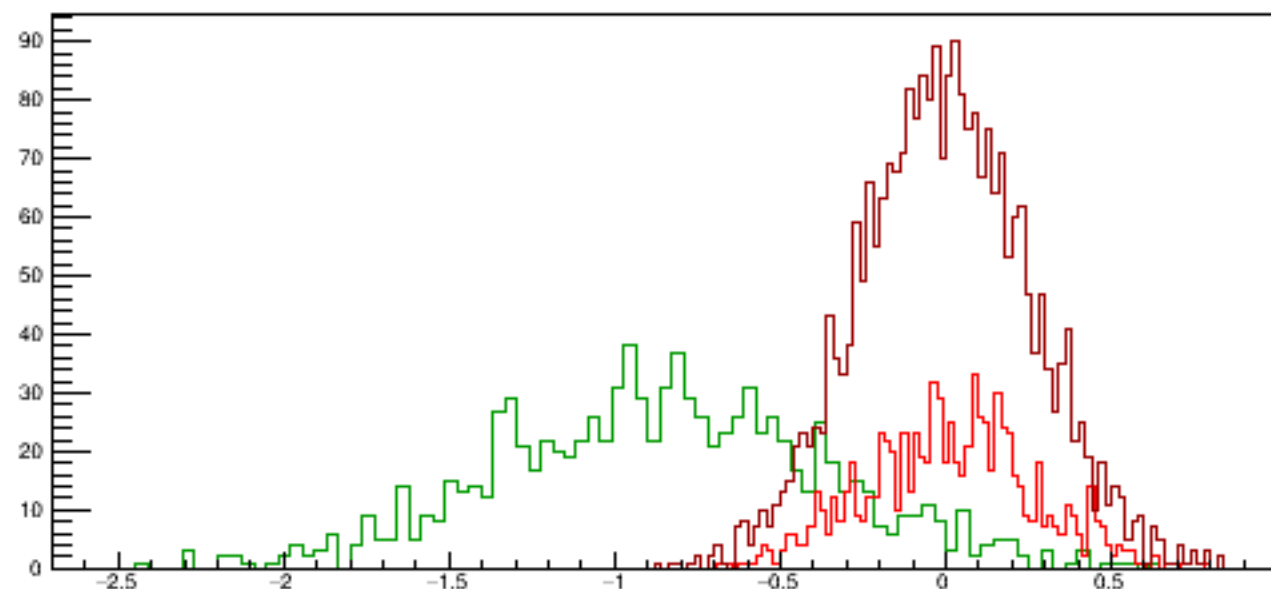
bcm:mpsCoda {mpsCoda>=107671 && mpsCoda<=138266}



Cycle 7, Diffs

Entries: 850	Entries: 986	Entries: 2649
Mean: 0.0095 +/- 0.0087	Mean: -0.8589 +/- 0.0158	Mean: -0.0019 +/- 0.0050
Std Dev: 0.2530 +/- 0.0061	Std Dev: 0.4961 +/- 0.0112	Std Dev: 0.2580 +/- 0.0035

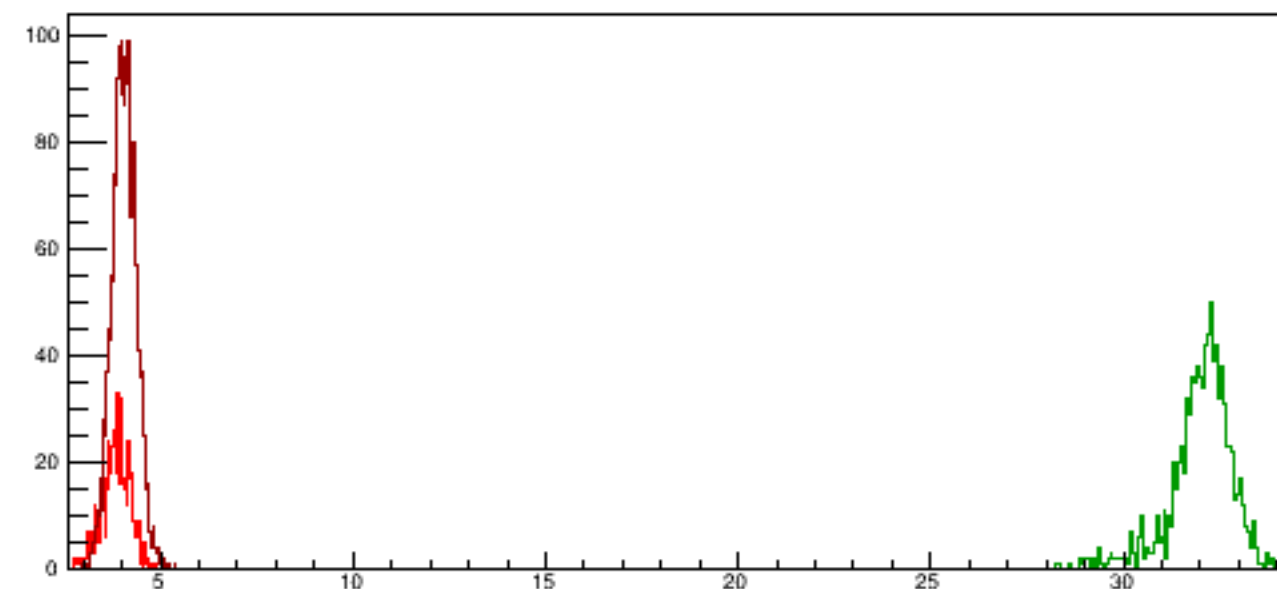
Run 5311 quartetwise, Diffs



Cycle 7, Sums

Entries: 850	Entries: 986	Entries: 2649
Mean: 3.8543 +/- 0.0121	Mean: 32.0069 +/- 0.0260	Mean: 4.0575 +/- 0.0061
Std Dev: 0.3537 +/- 0.0086	Std Dev: 0.8173 +/- 0.0184	Std Dev: 0.3161 +/- 0.0043

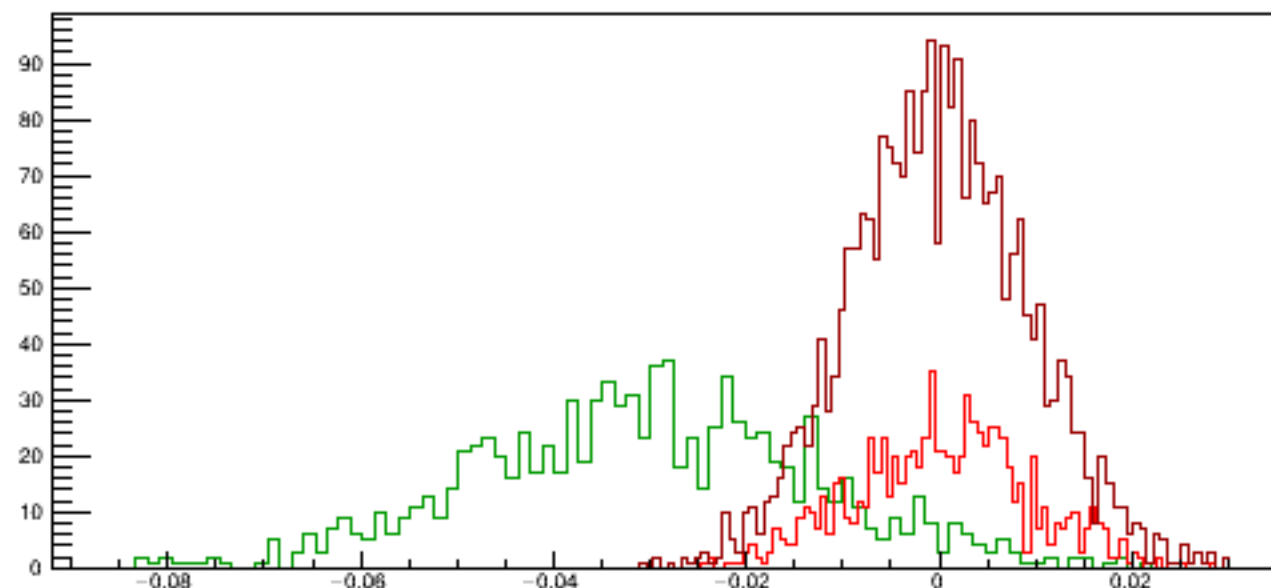
Run 5311 quartetwise, Sums



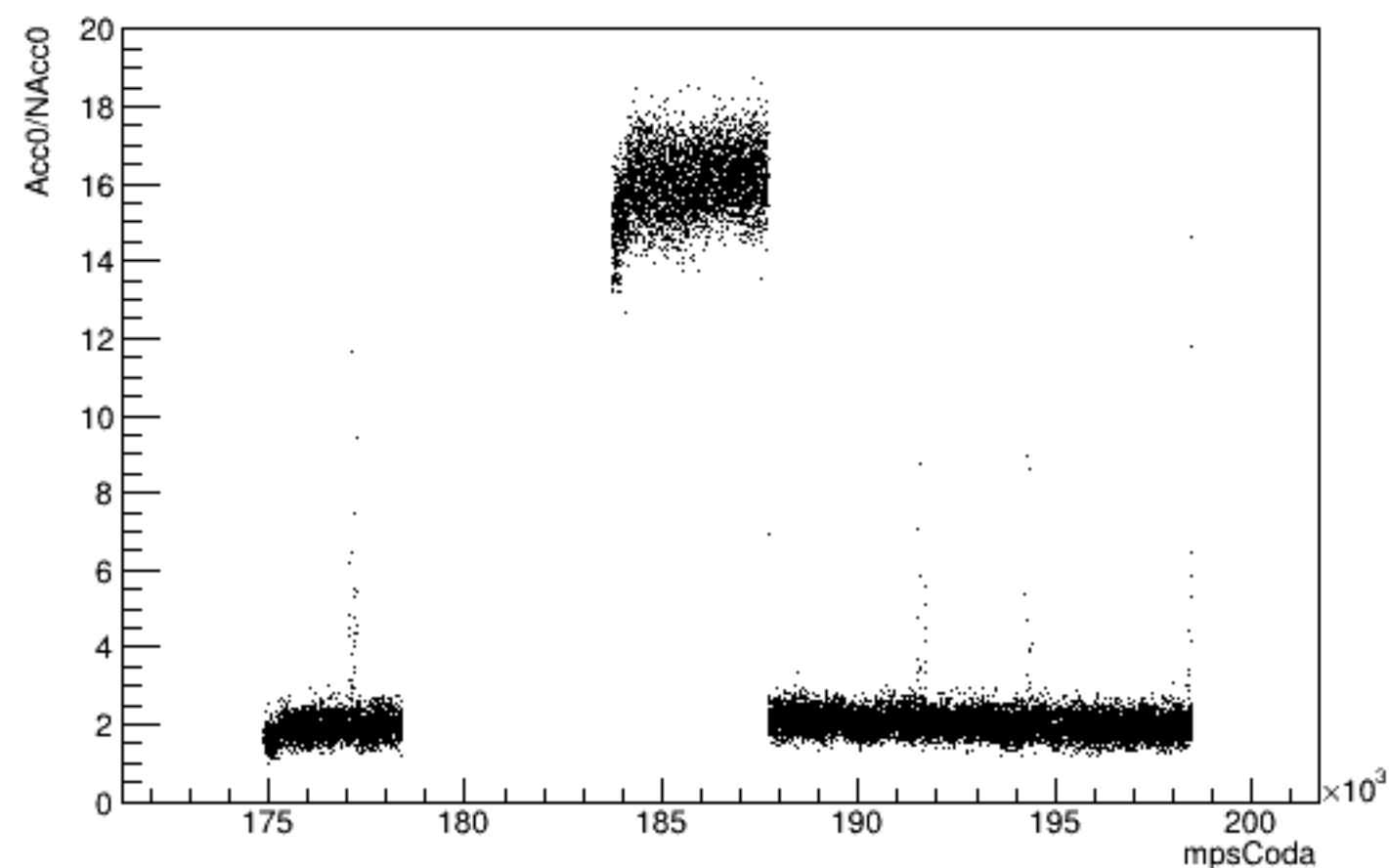
Cycle 7, Asyms

Entries: 850	Entries: 986	Entries: 2649
Mean: 0.0003 +/- 0.0003	Mean: -0.0306 +/- 0.0006	Mean: -0.0001 +/- 0.0002
Std Dev: 0.0090 +/- 0.0002	Std Dev: 0.0177 +/- 0.0004	Std Dev: 0.0092 +/- 0.0001

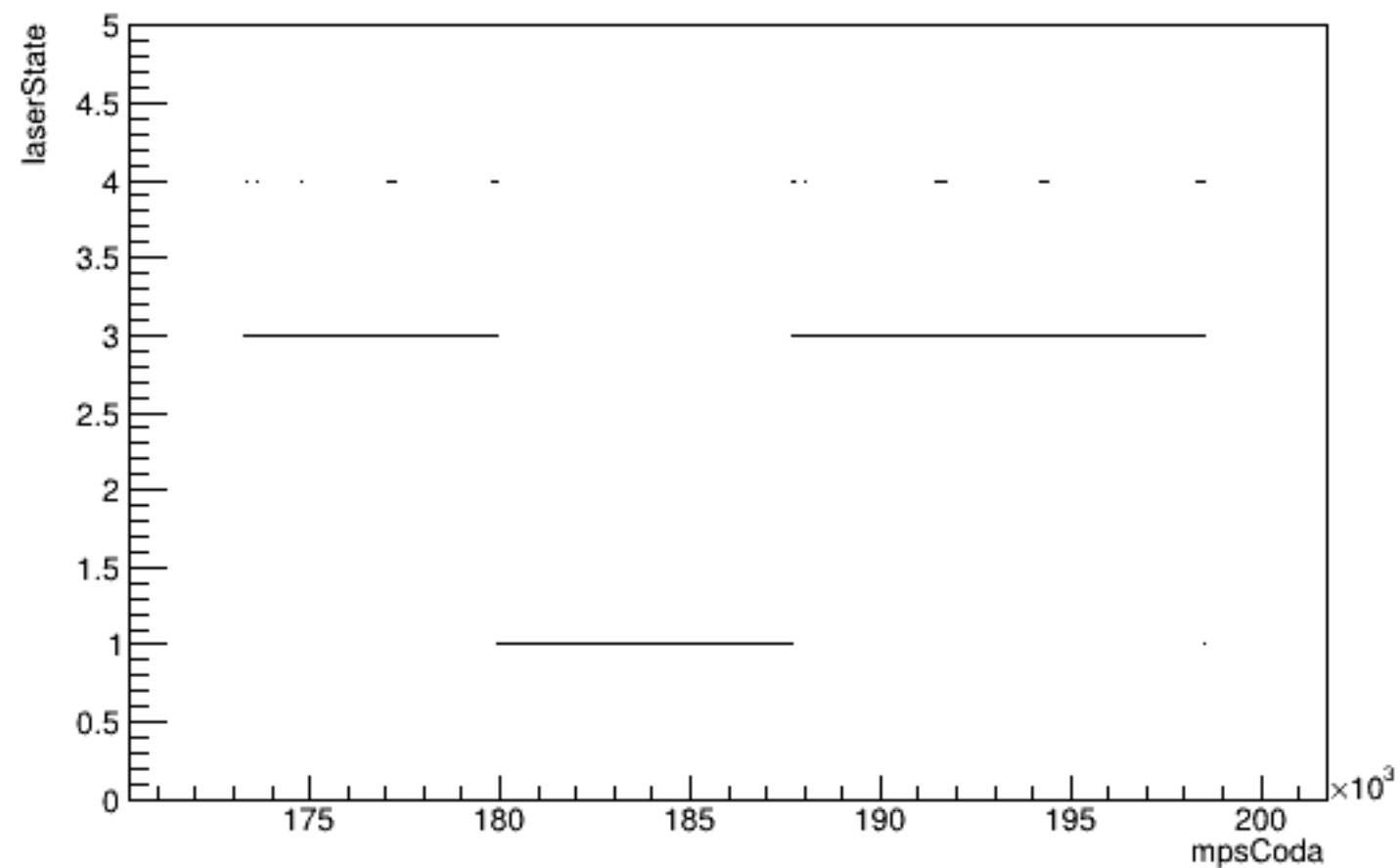
Run 5311 quartetwise, Asyms



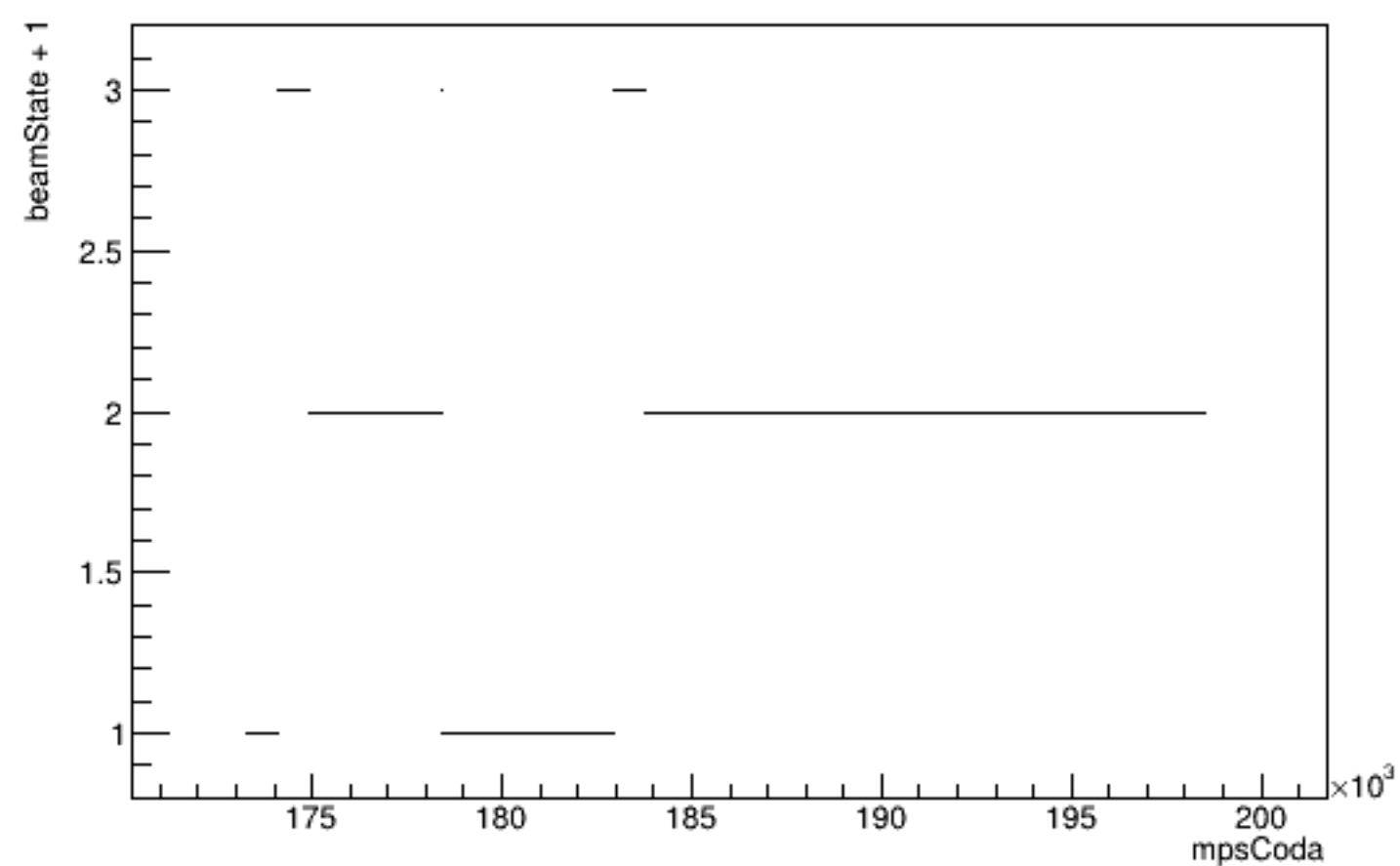
Acc0/NAcc0:mpsCoda (mpsCoda>=173295 && mpsCoda<=198494 && beamState==1)



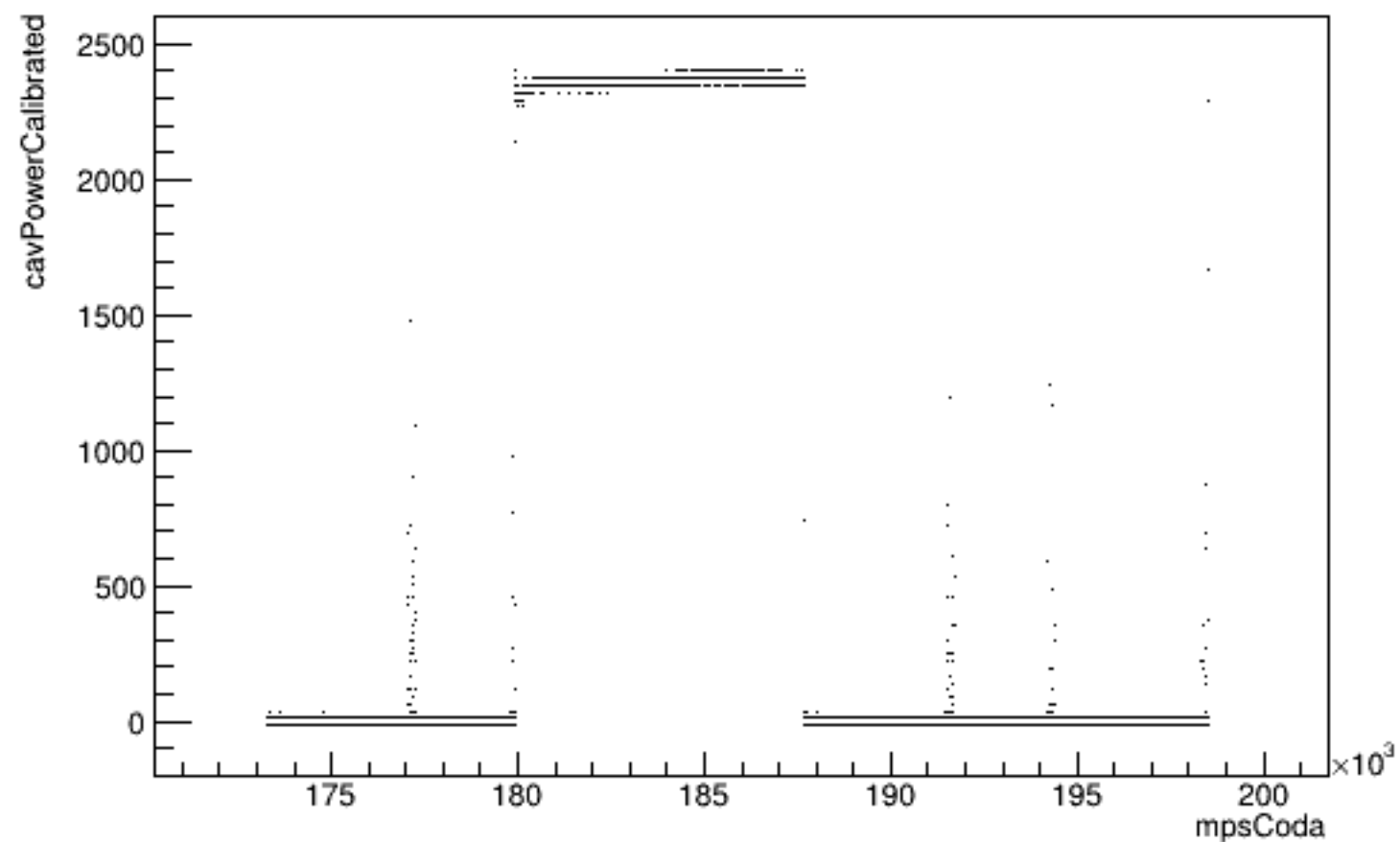
laserState:mpsCoda {mpsCoda>=173295 && mpsCoda<=198494}



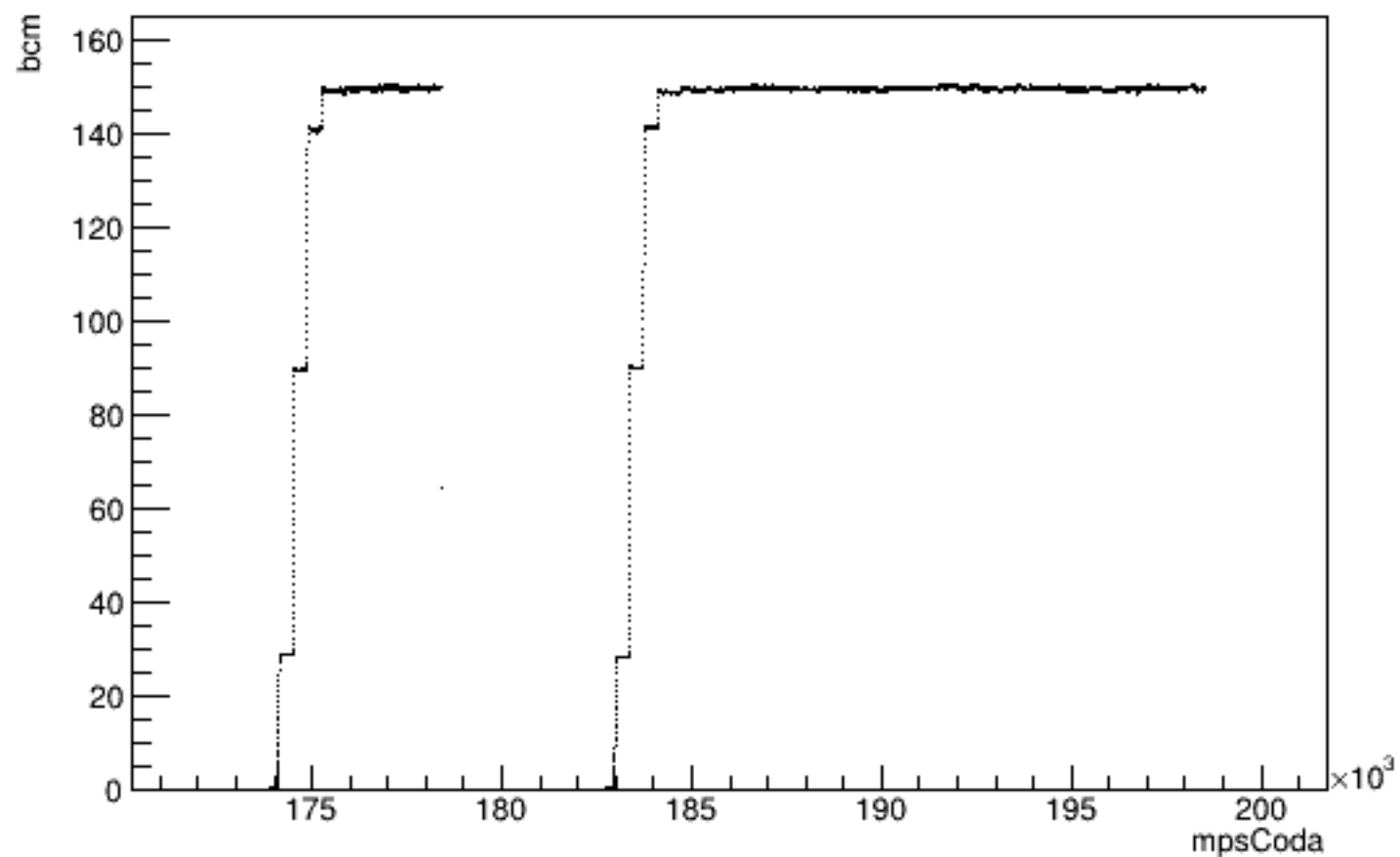
beamState + 1:mpsCoda {mpsCoda>=173295 && mpsCoda<=198494}



cavPowerCalibrated:mpsCoda {mpsCoda>=173295 && mpsCoda<=198494}



bcm:mpsCoda {mpsCoda>=173295 && mpsCoda<=198494}



Cycle 8, Diffs

Entries: 2649

Mean: -0.0019 +/- 0.0050

Std Dev: 0.2580 +/- 0.0035

Entries: 1995

Mean: -0.8441 +/- 0.0113

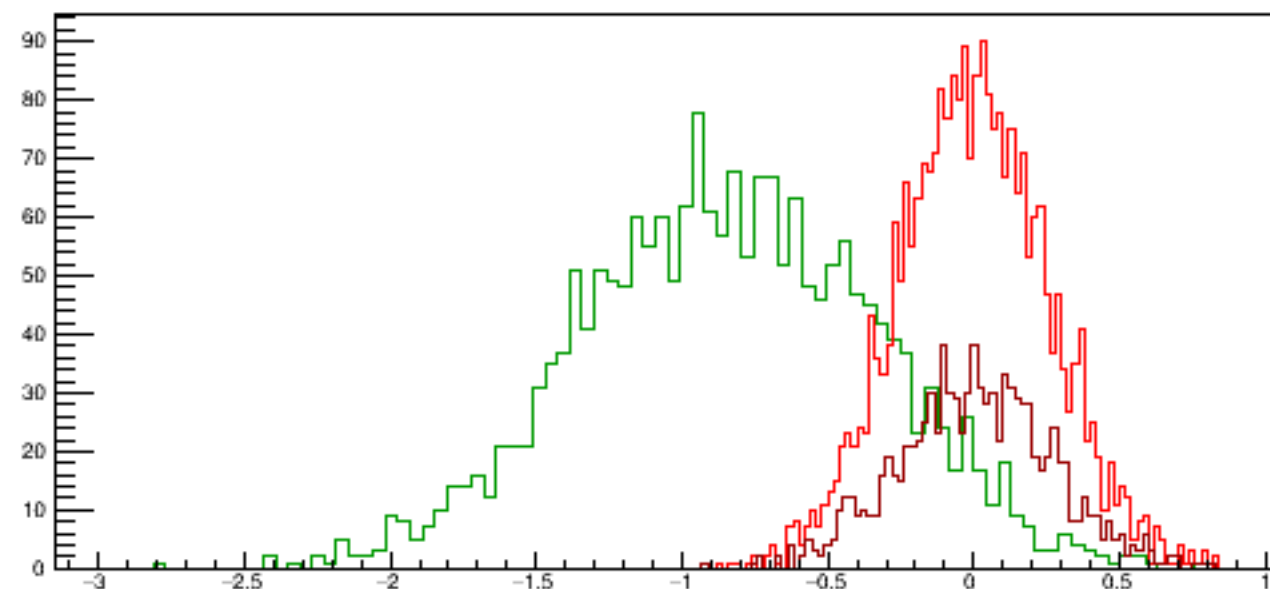
Std Dev: 0.5065 +/- 0.0080

Entries: 971

Mean: 0.0064 +/- 0.0085

Std Dev: 0.2646 +/- 0.0060

Run 5311 quartetwise, Diffs



Cycle 8, Sums

Entries: 2649

Mean: 4.0575 +/- 0.0061

Std Dev: 0.3161 +/- 0.0043

Entries: 1995

Mean: 31.7457 +/- 0.0154

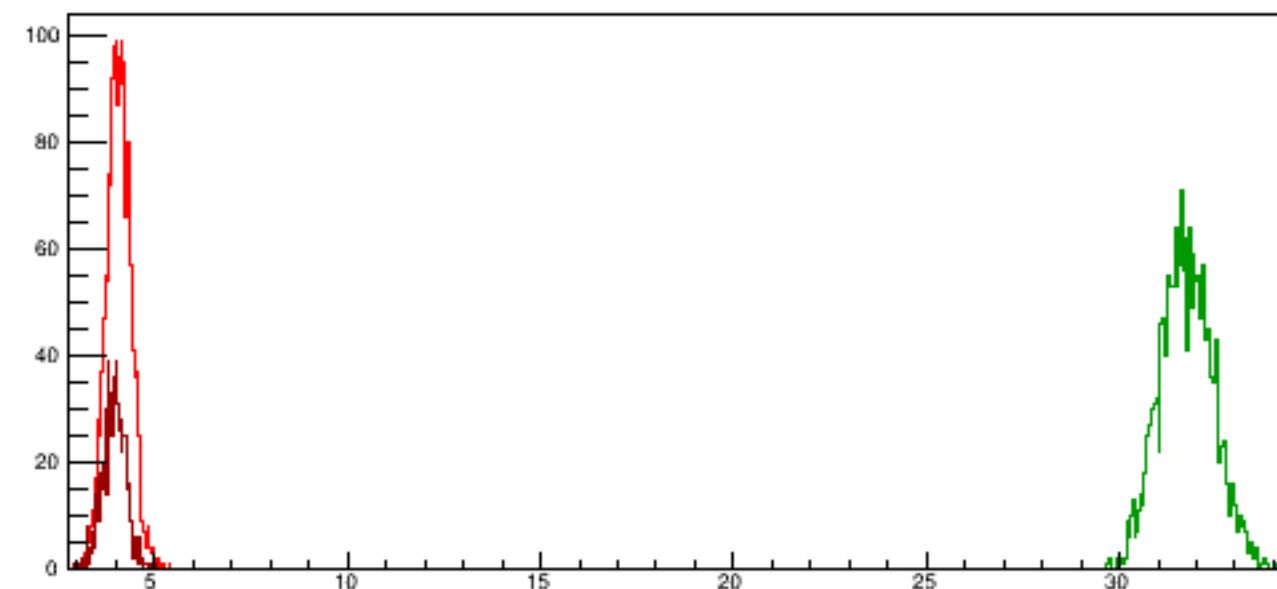
Std Dev: 0.6869 +/- 0.0109

Entries: 971

Mean: 3.9414 +/- 0.0096

Std Dev: 0.2985 +/- 0.0068

Run 5311 quartetwise, Sums



Cycle 8, Asyms

Entries: 2649

Mean: -0.0001 +/- 0.0002

Std Dev: 0.0093 +/- 0.0001

Entries: 1995

Mean: -0.0304 +/- 0.0004

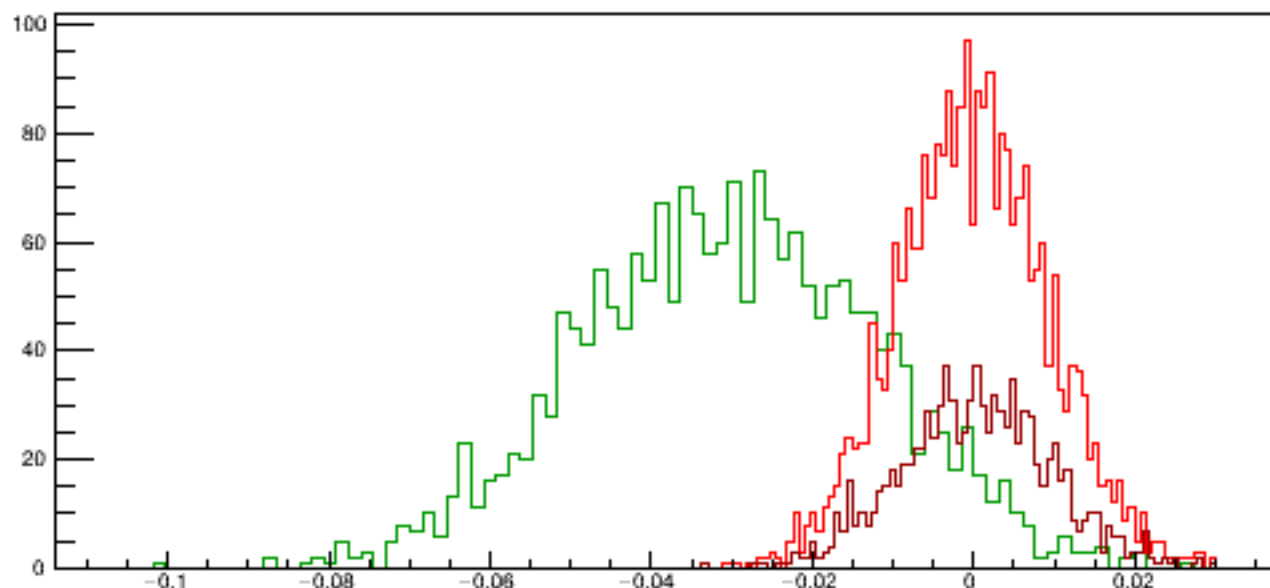
Std Dev: 0.0183 +/- 0.0003

Entries: 971

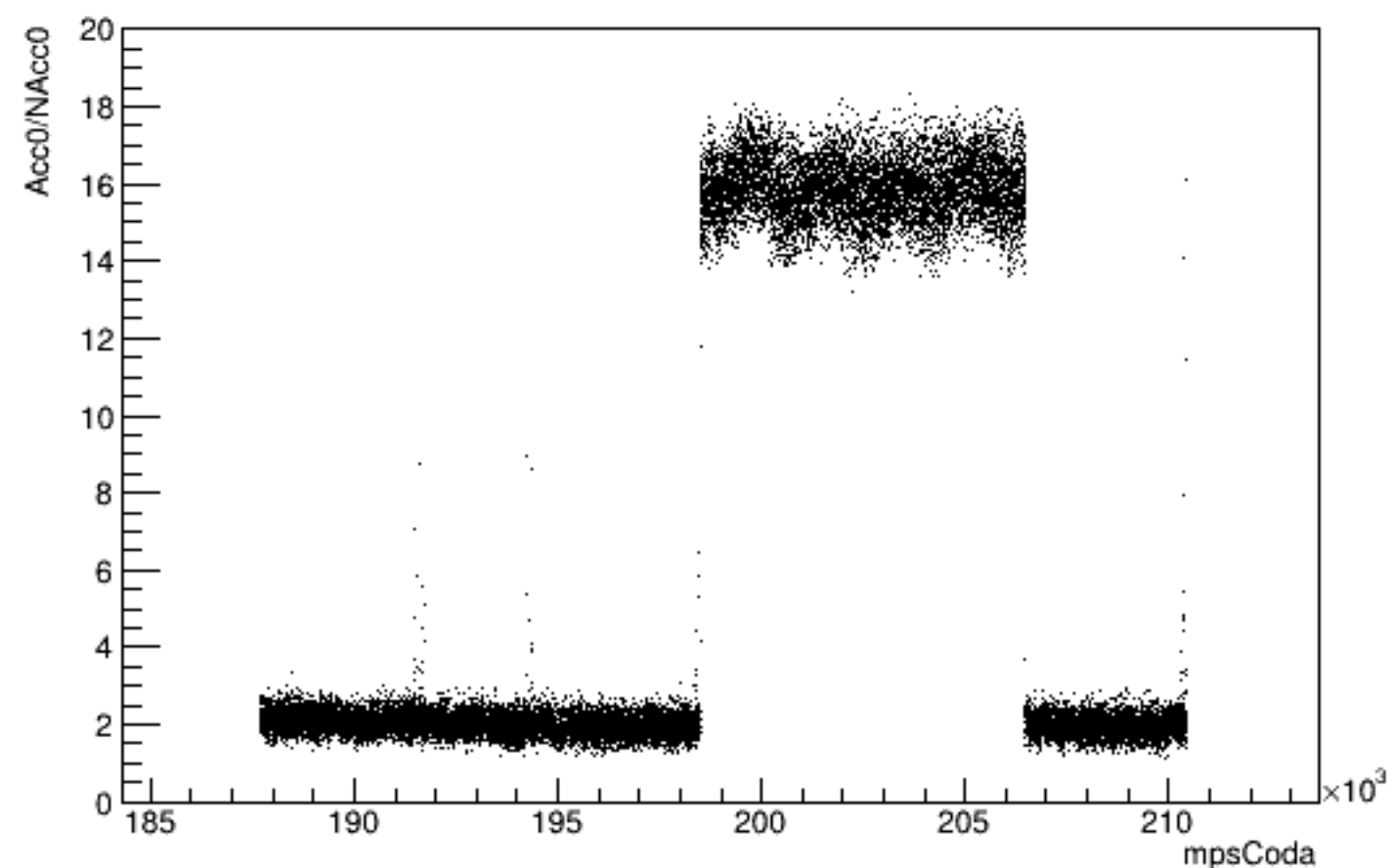
Mean: 0.0002 +/- 0.0003

Std Dev: 0.0095 +/- 0.0002

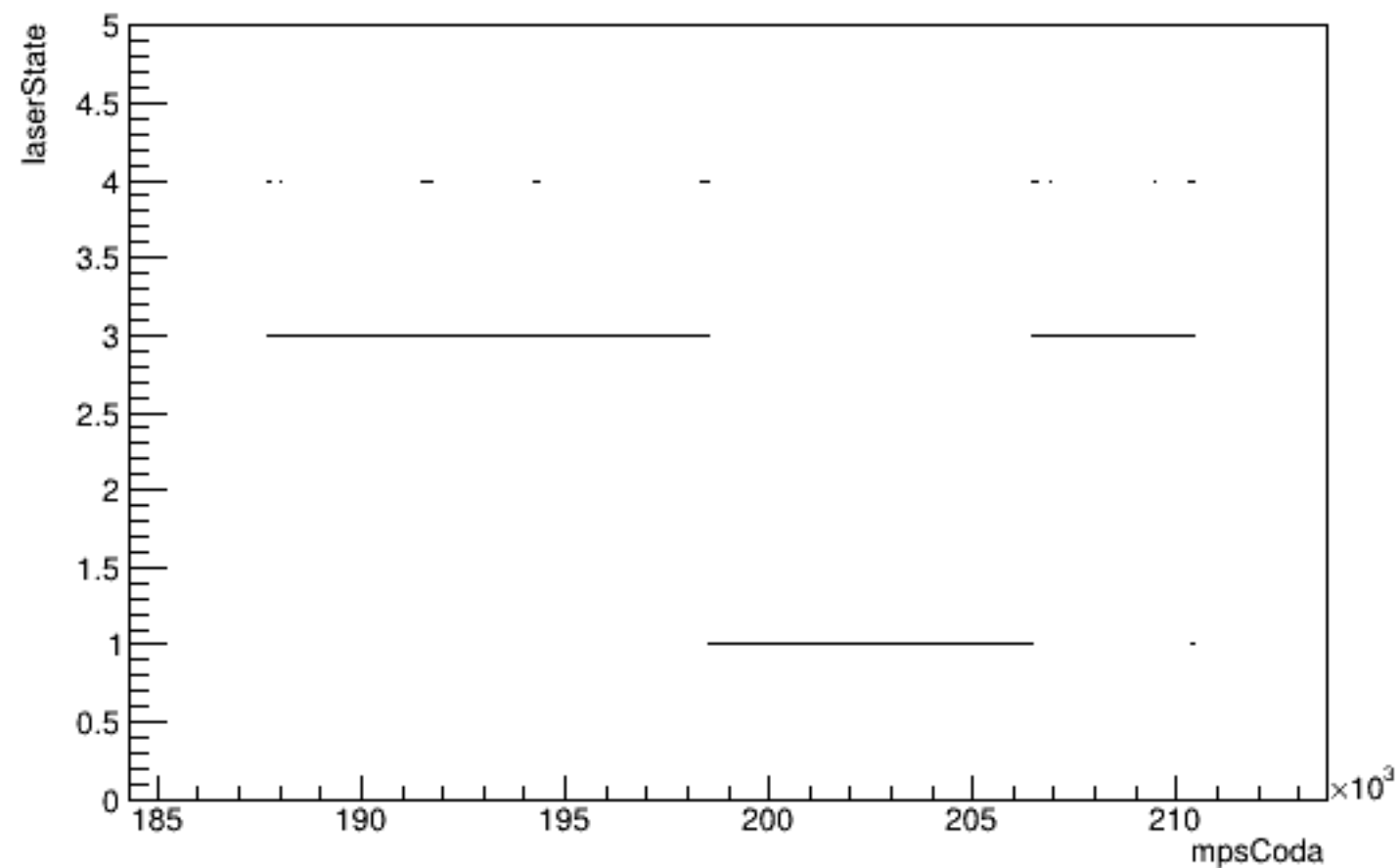
Run 5311 quartetwise, Asyms



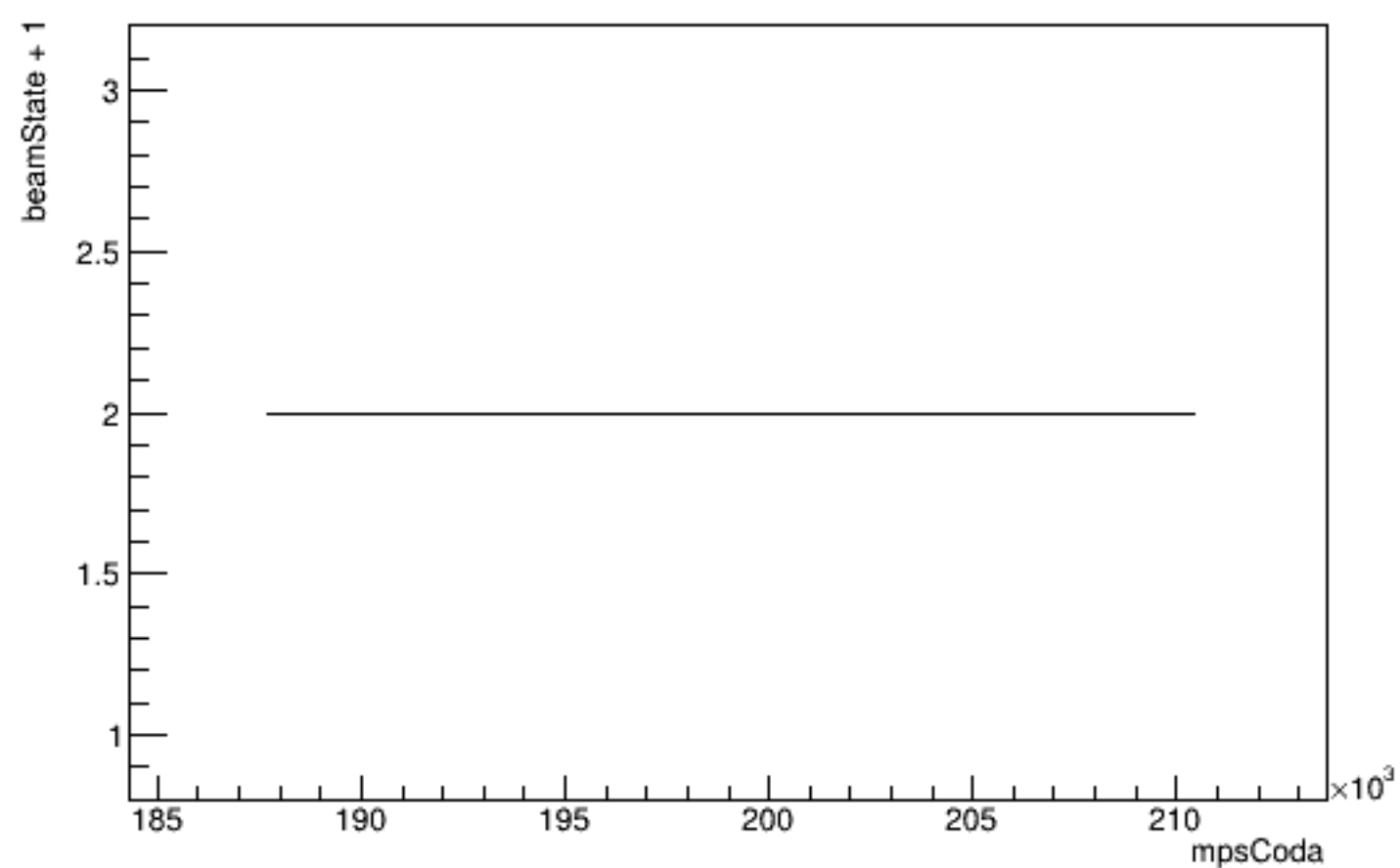
Acc0/NAcc0:mpsCoda (mpsCoda>=187703 && mpsCoda<=210450 && beamState==1)



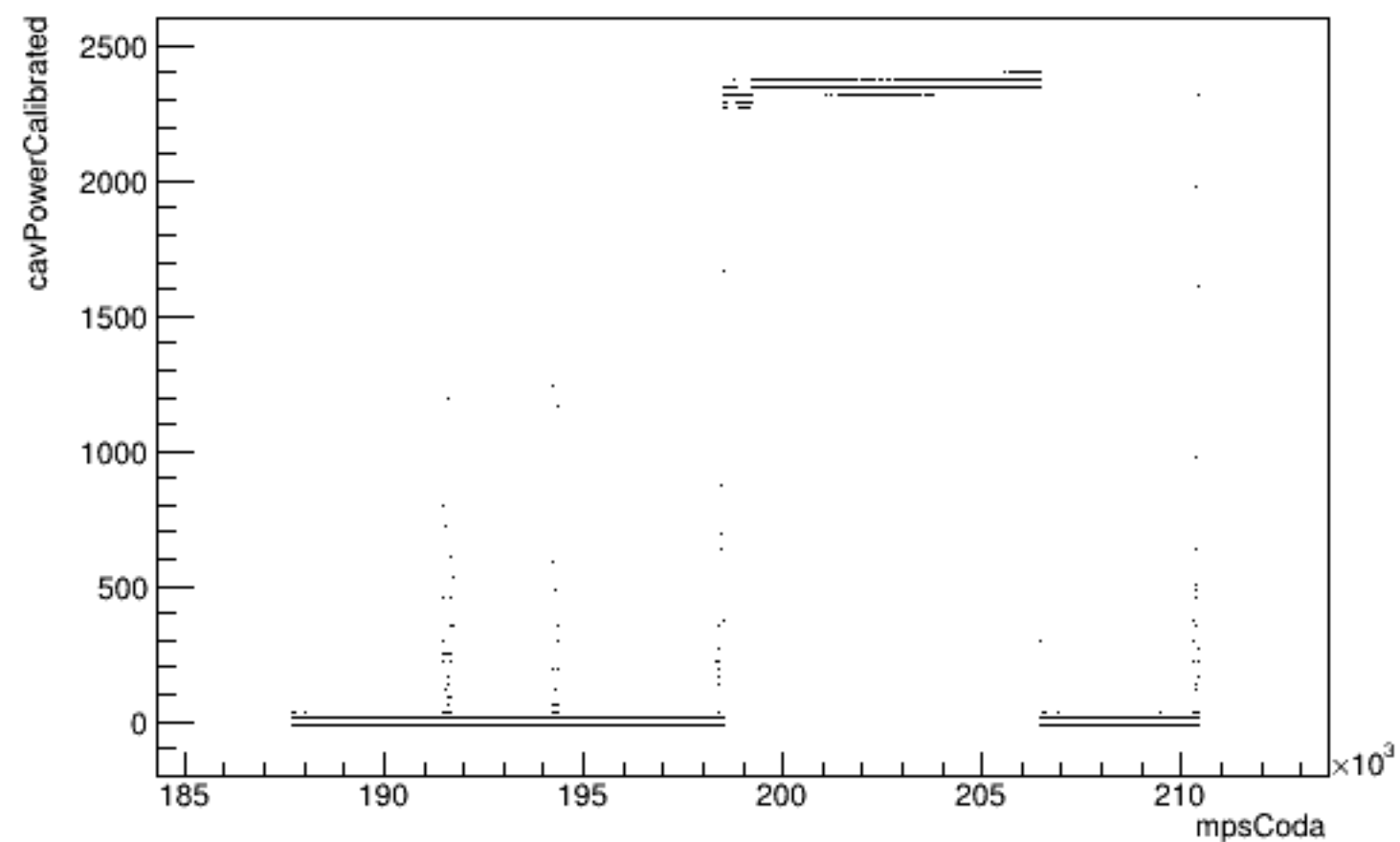
laserState:mpsCoda {mpsCoda>=187703 && mpsCoda<=210450}



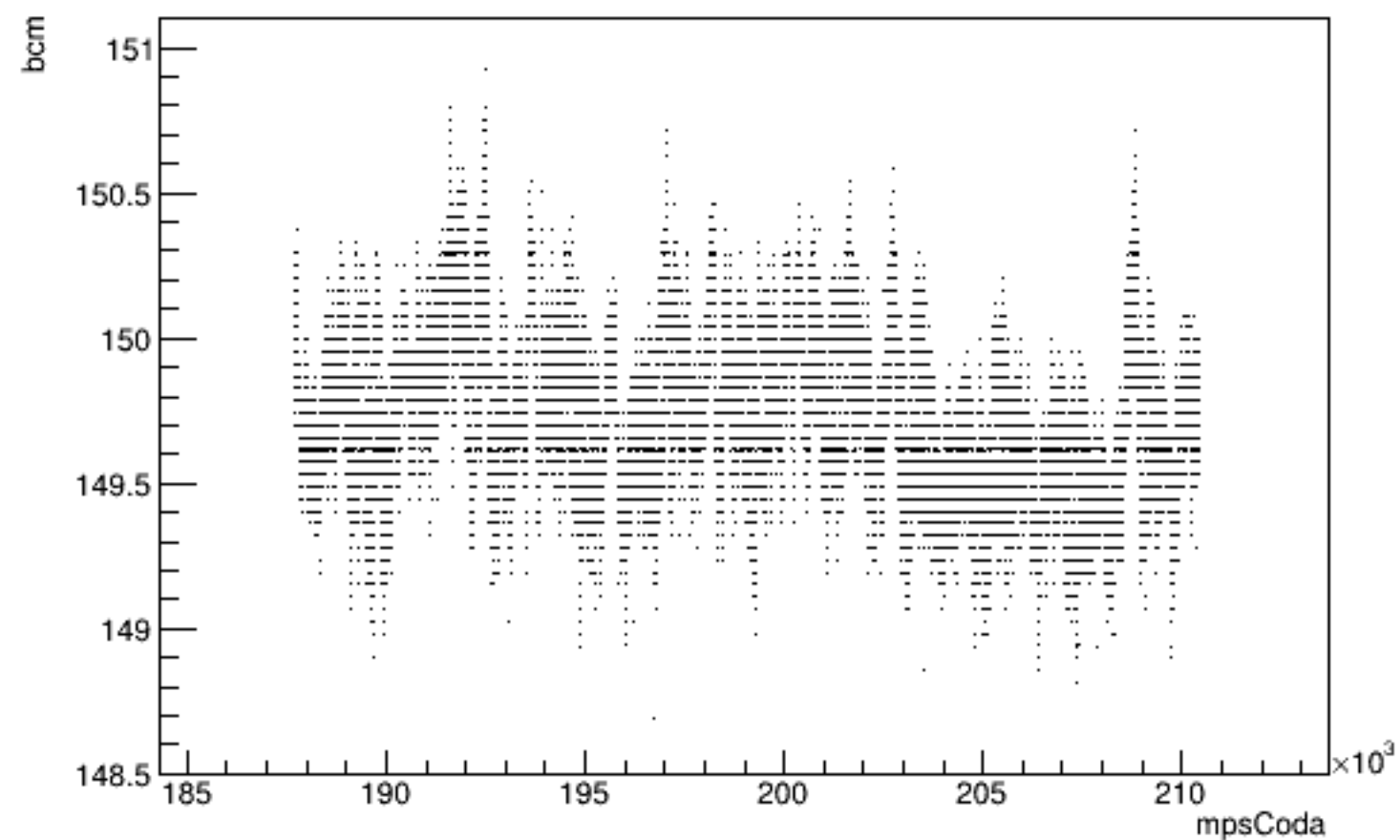
beamState + 1:mpsCoda {mpsCoda>=187703 && mpsCoda<=210450}



cavPowerCalibrated:mpsCoda {mpsCoda>=187703 && mpsCoda<=210450}



bcm:mpsCoda {mpsCoda>=187703 && mpsCoda<=210450}



Cycle 9, Diffs

Entries: 3282

Mean: 0.0006 +/- 0.0045

Std Dev: 0.2602 +/- 0.0032

Entries: 2013

Mean: -0.8531 +/- 0.0111

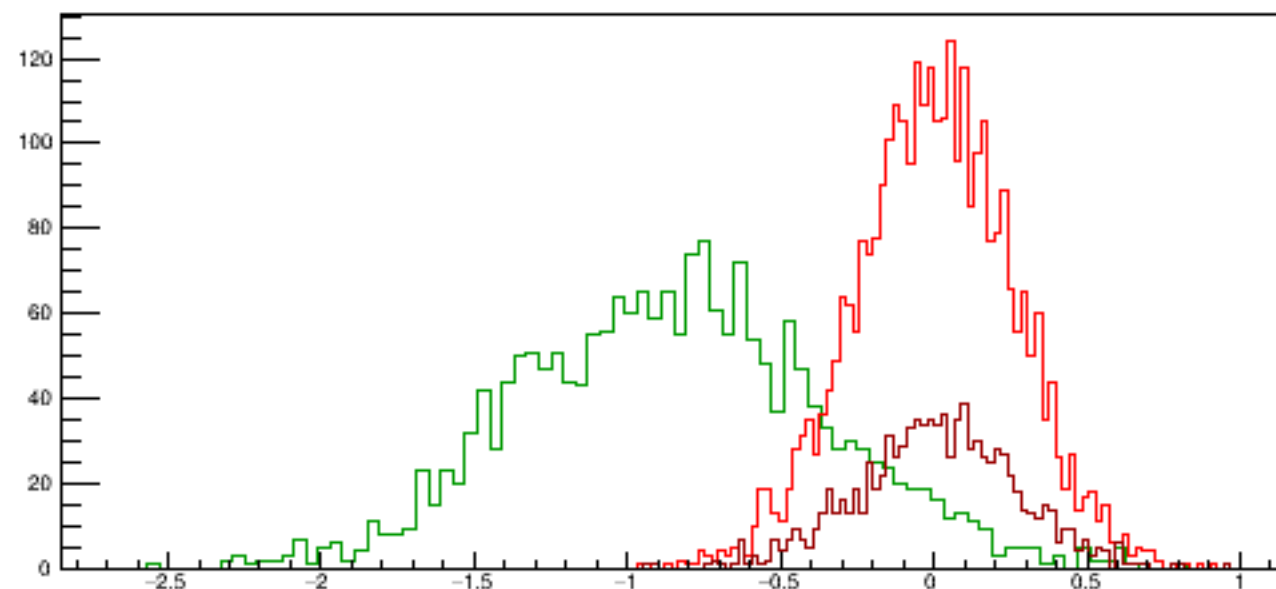
Std Dev: 0.4991 +/- 0.0079

Entries: 966

Mean: 0.0075 +/- 0.0084

Std Dev: 0.2612 +/- 0.0059

Run 5311 quartetwise, Diffs



Cycle 9, Sums

Entries: 3282

Mean: 3.6846 +/- 0.0052

Std Dev: 0.3000 +/- 0.0037

Entries: 2013

Mean: 31.2752 +/- 0.0188

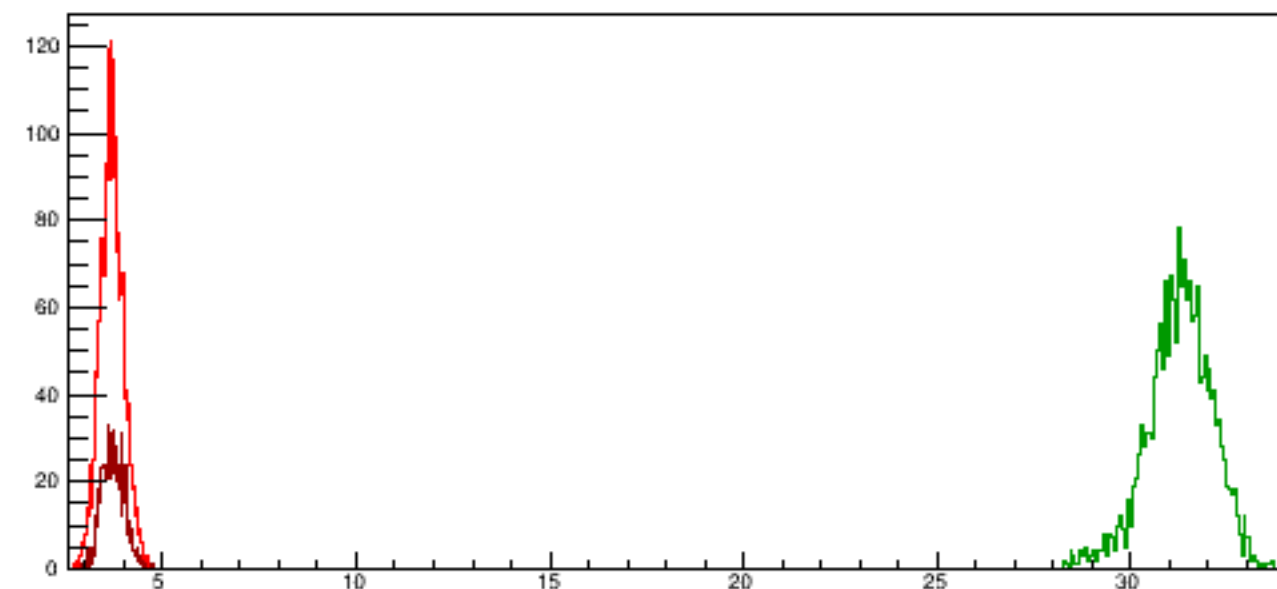
Std Dev: 0.8434 +/- 0.0133

Entries: 966

Mean: 3.7143 +/- 0.0094

Std Dev: 0.2915 +/- 0.0066

Run 5311 quartetwise, Sums



Cycle 9, Asyms

Entries: 3282

Mean: 0.0000 +/- 0.0002

Std Dev: 0.0094 +/- 0.0001

Entries: 2013

Mean: -0.0309 +/- 0.0004

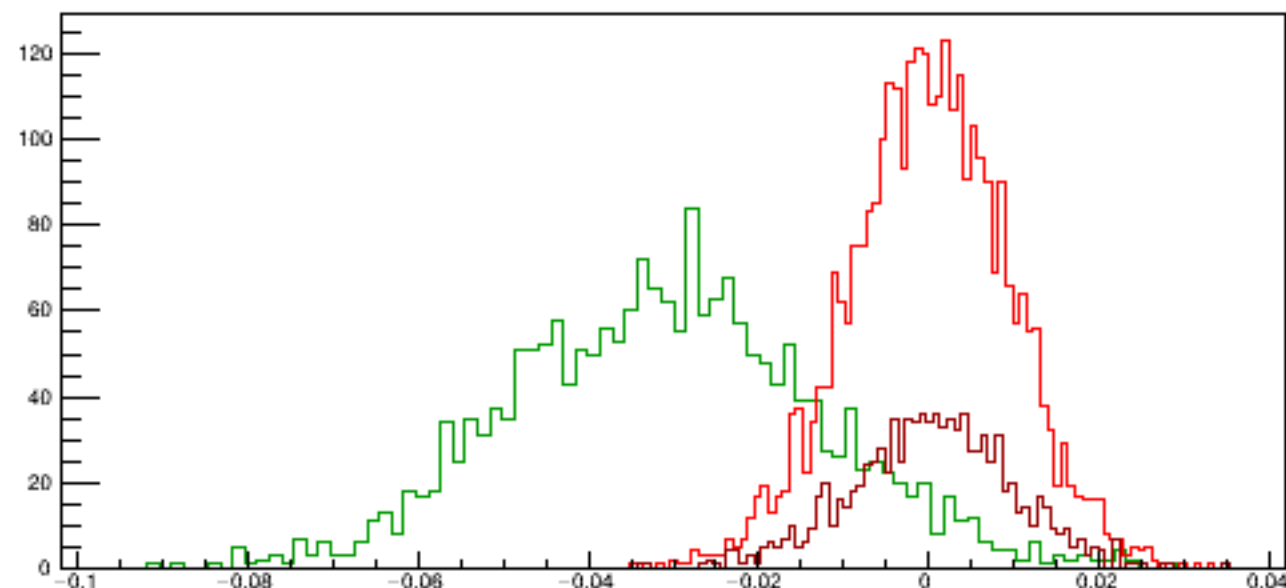
Std Dev: 0.0181 +/- 0.0003

Entries: 966

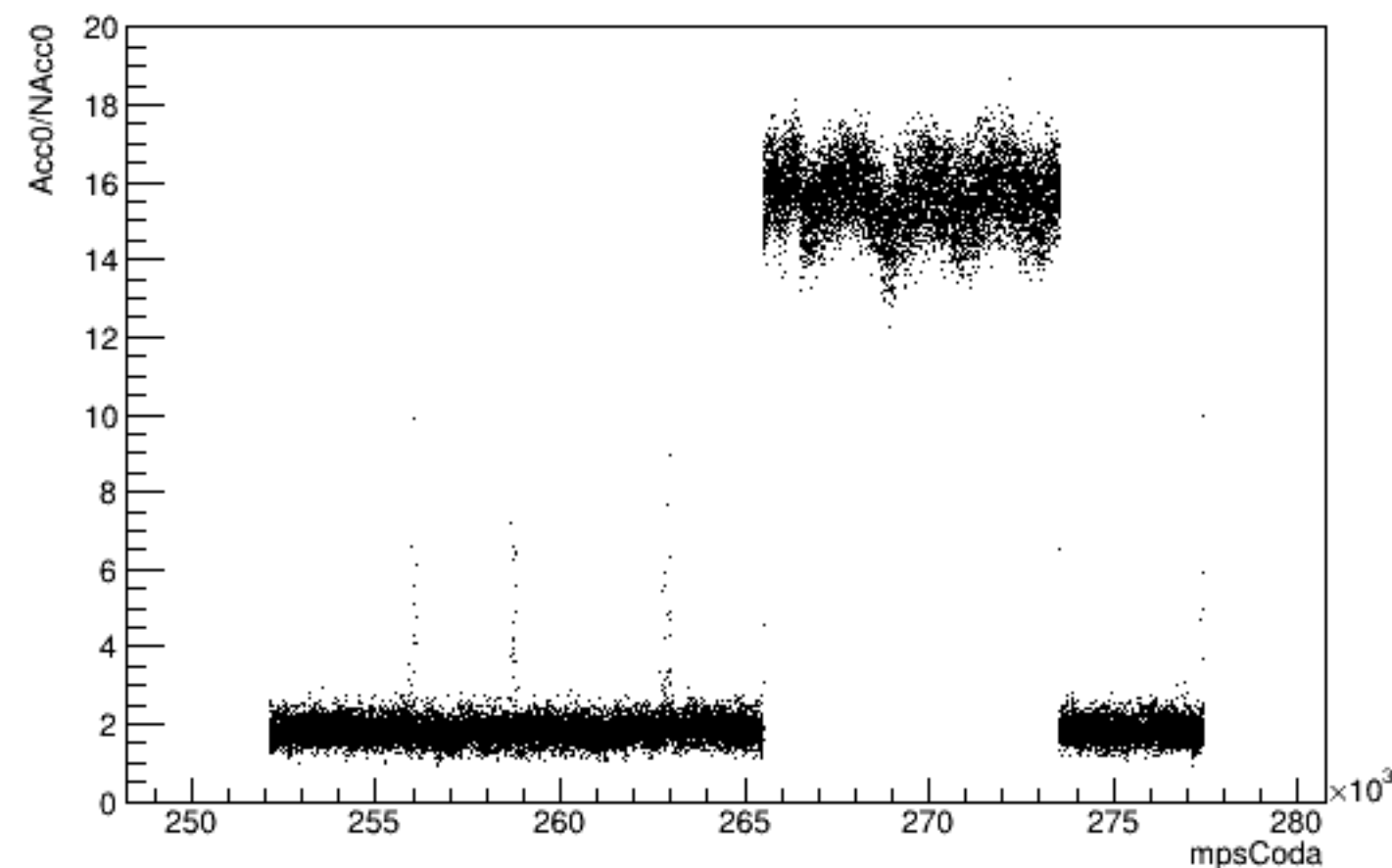
Mean: 0.0003 +/- 0.0003

Std Dev: 0.0095 +/- 0.0002

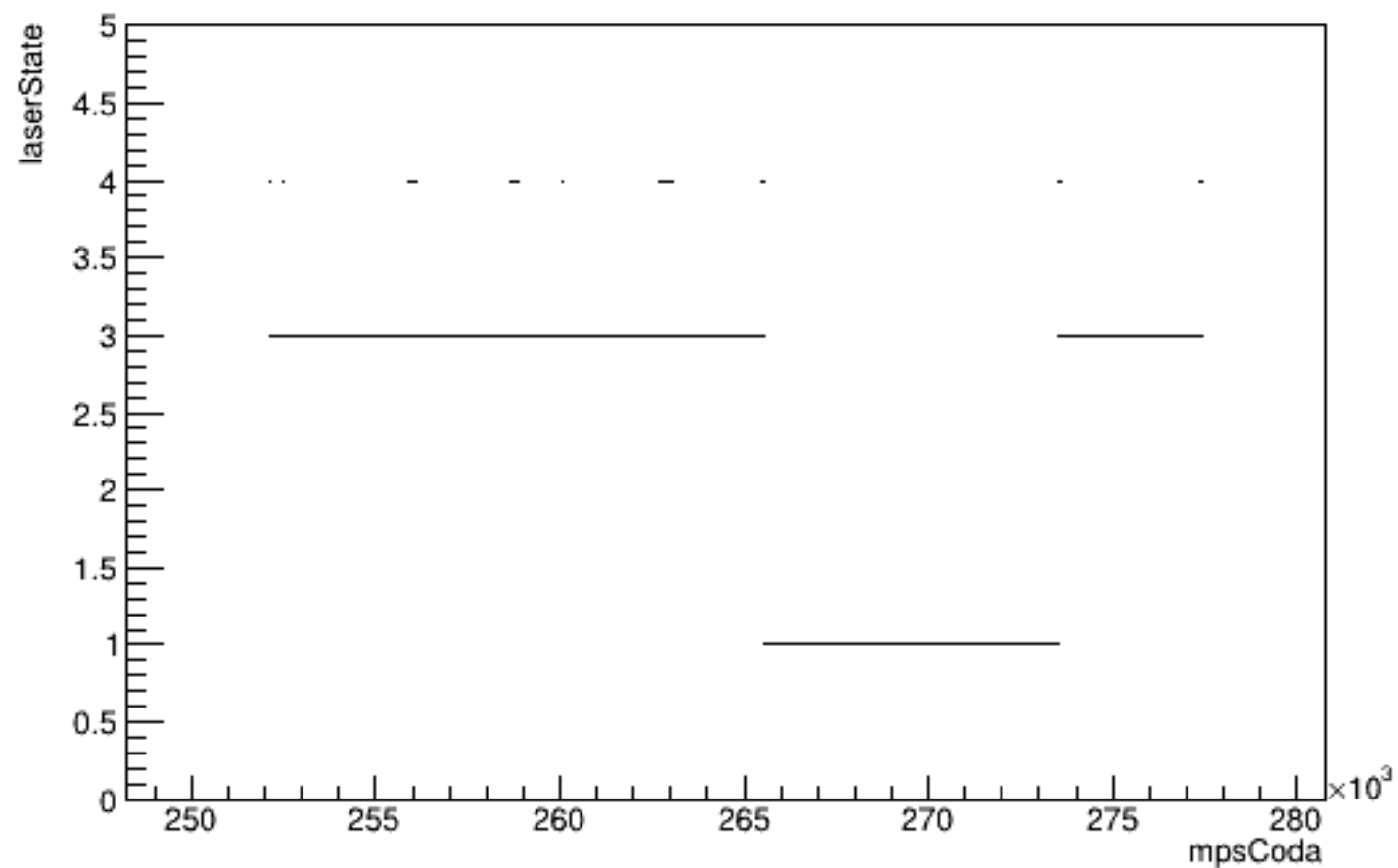
Run 5311 quartetwise, Asyms



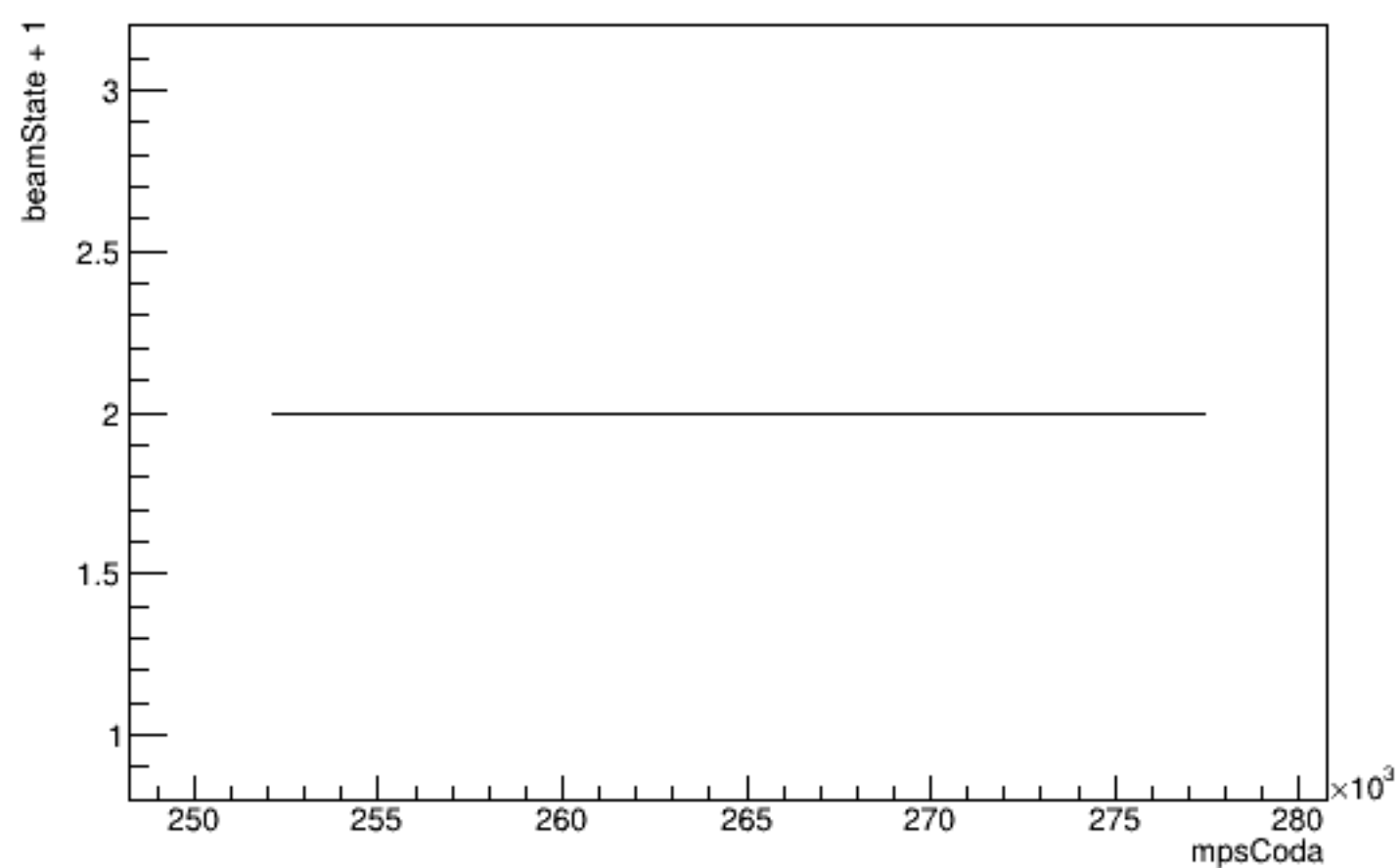
Acc0/NAcc0:mpsCoda (mpsCoda>=252111 && mpsCoda<=277446 && beamState==1)



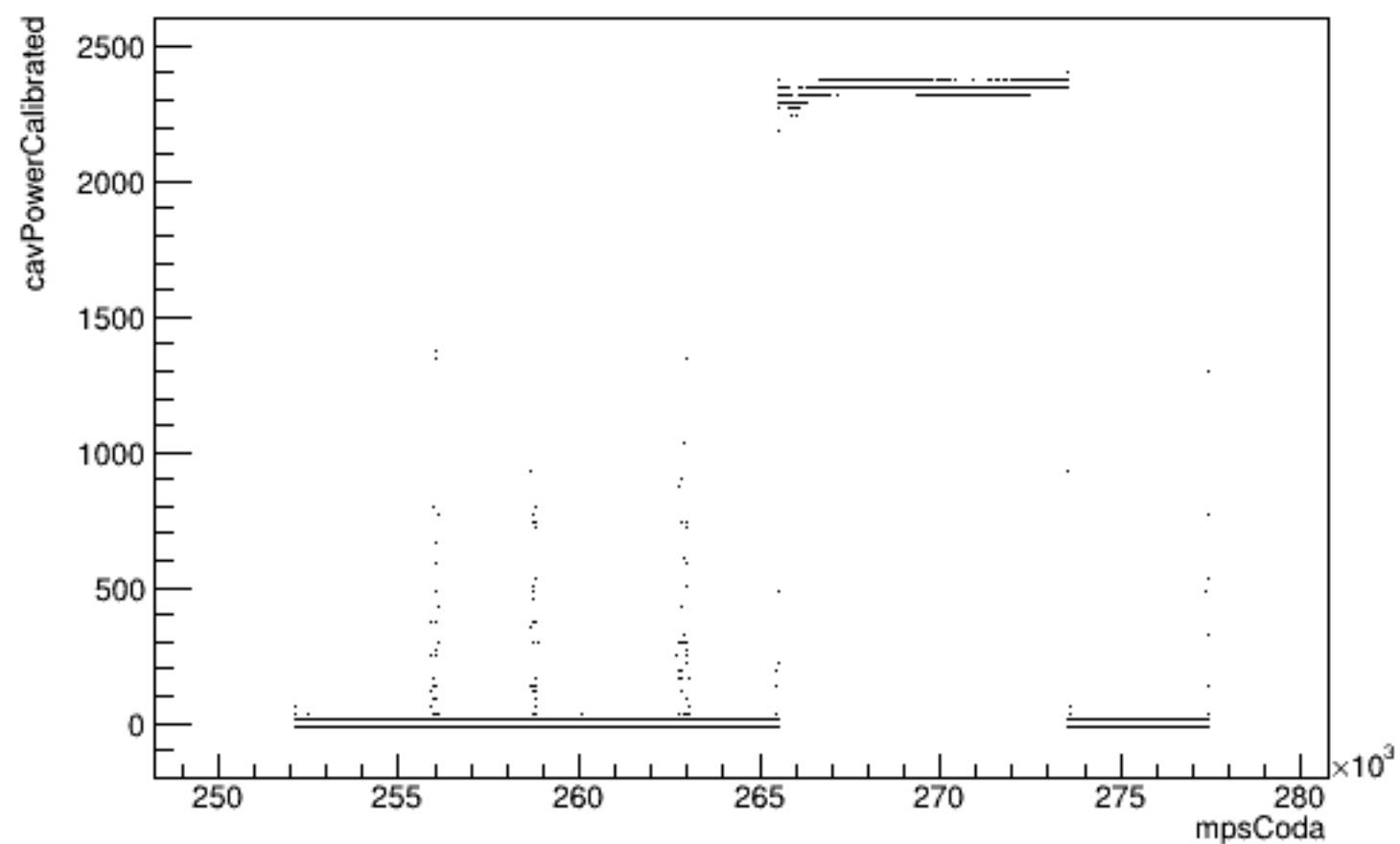
laserState:mpsCoda {mpsCoda>=252111 && mpsCoda<=277446}



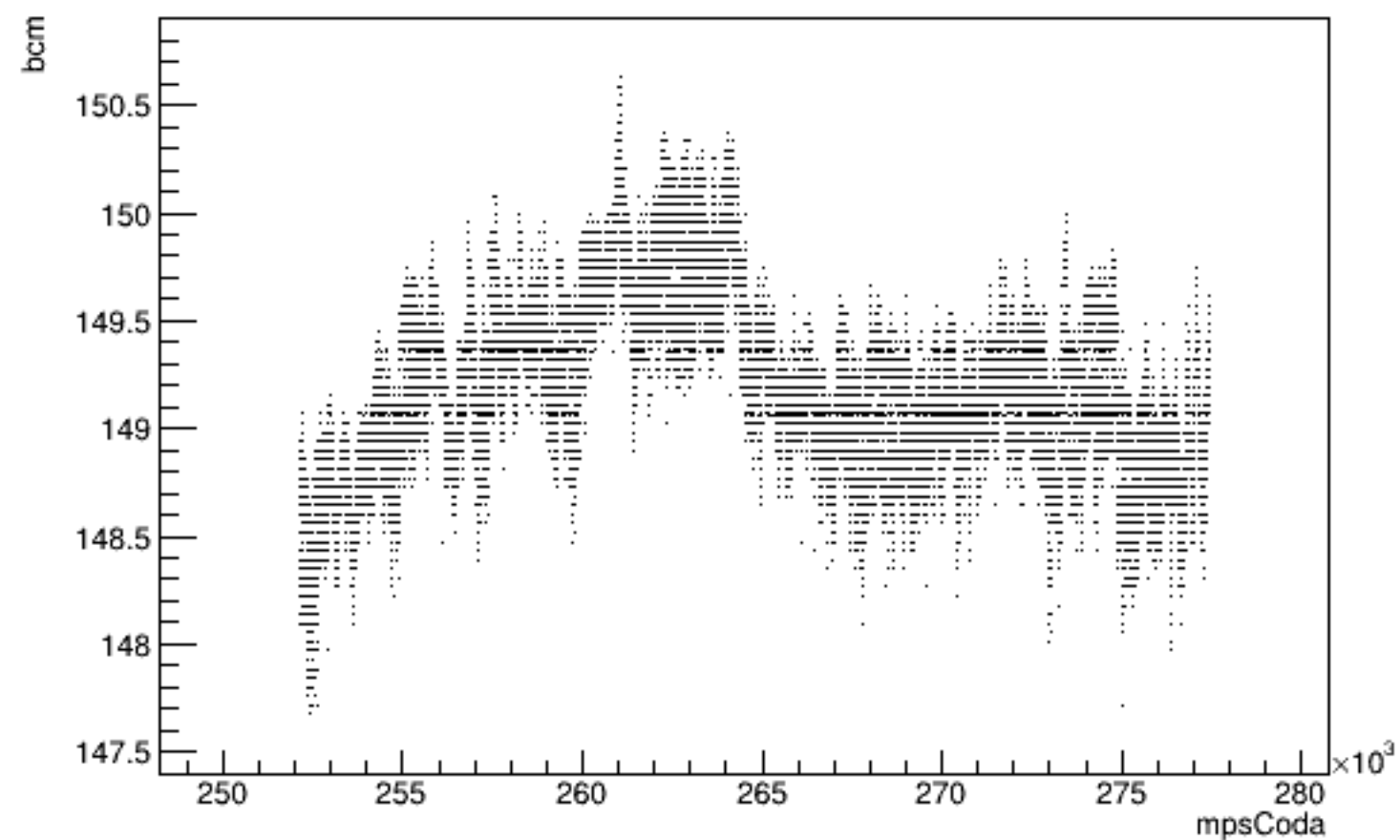
beamState + 1:mpsCoda {mpsCoda>=252111 && mpsCoda<=277446}



cavPowerCalibrated:mpsCoda {mpsCoda>=252111 && mpsCoda<=277446}



bcm:mpsCoda {mpsCoda>=252111 && mpsCoda<=277446}



Cycle 10, Diffs

Entries: 2613

Mean: -0.0029 +/- 0.0052

Std Dev: 0.2680 +/- 0.0037

Entries: 2009

Mean: -0.8617 +/- 0.0110

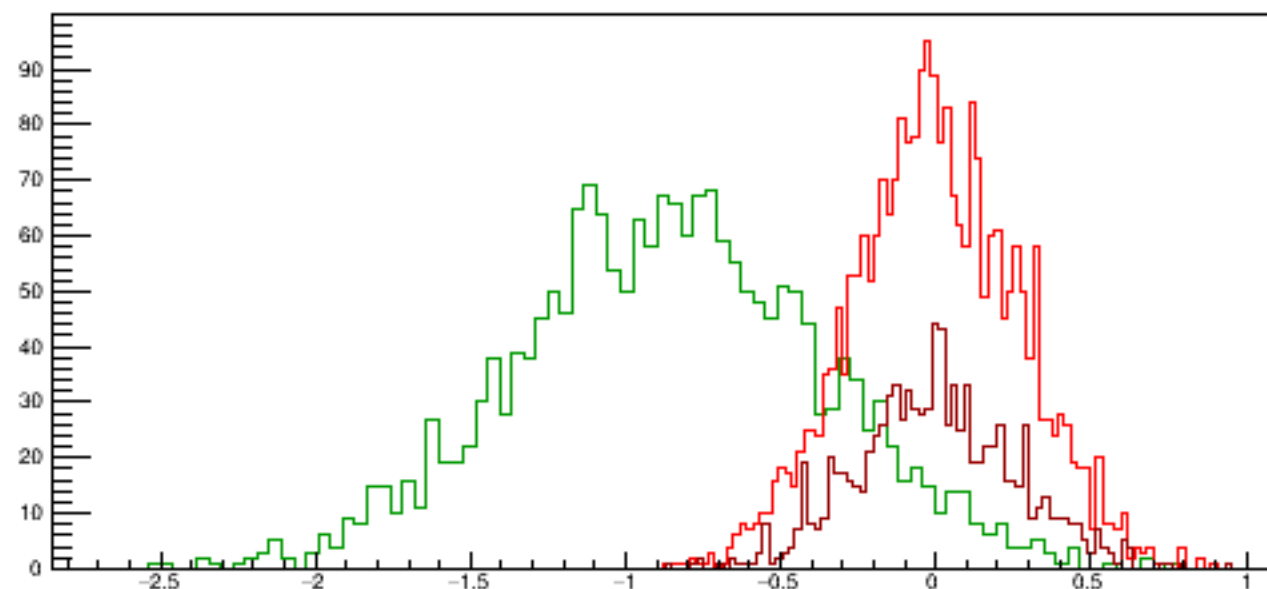
Std Dev: 0.4940 +/- 0.0078

Entries: 957

Mean: -0.0024 +/- 0.0084

Std Dev: 0.2594 +/- 0.0059

Run 5311 quartetwise, Diffs



Cycle 10, Sums

Entries: 2613

Mean: 3.7313 +/- 0.0058

Std Dev: 0.2950 +/- 0.0041

Entries: 2009

Mean: 31.4403 +/- 0.0222

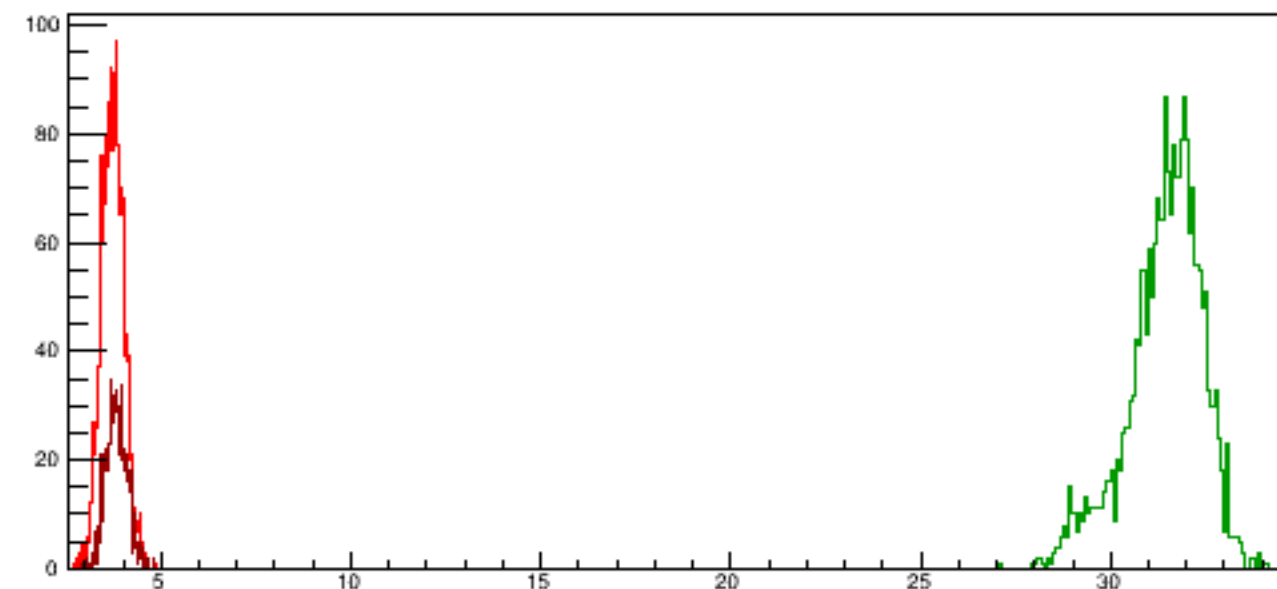
Std Dev: 0.9940 +/- 0.0157

Entries: 957

Mean: 3.8250 +/- 0.0093

Std Dev: 0.2876 +/- 0.0066

Run 5311 quartetwise, Sums



Cycle 10, Asyms

Entries: 2613

Mean: -0.0001 +/- 0.0002

Std Dev: 0.0097 +/- 0.0001

Entries: 2009

Mean: -0.0312 +/- 0.0004

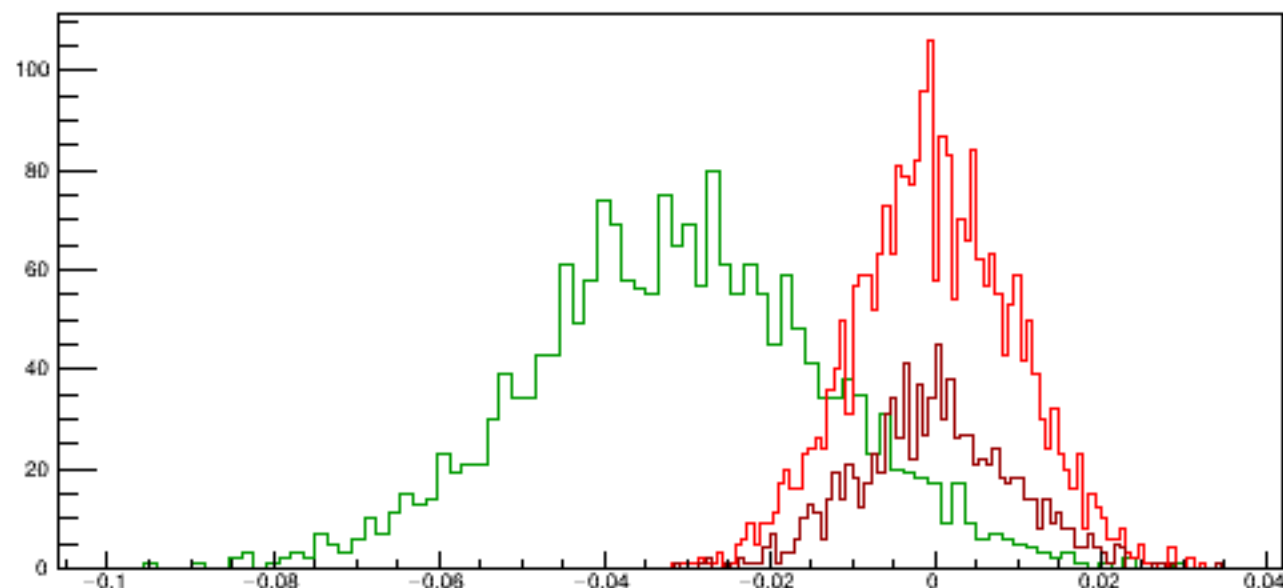
Std Dev: 0.0179 +/- 0.0003

Entries: 957

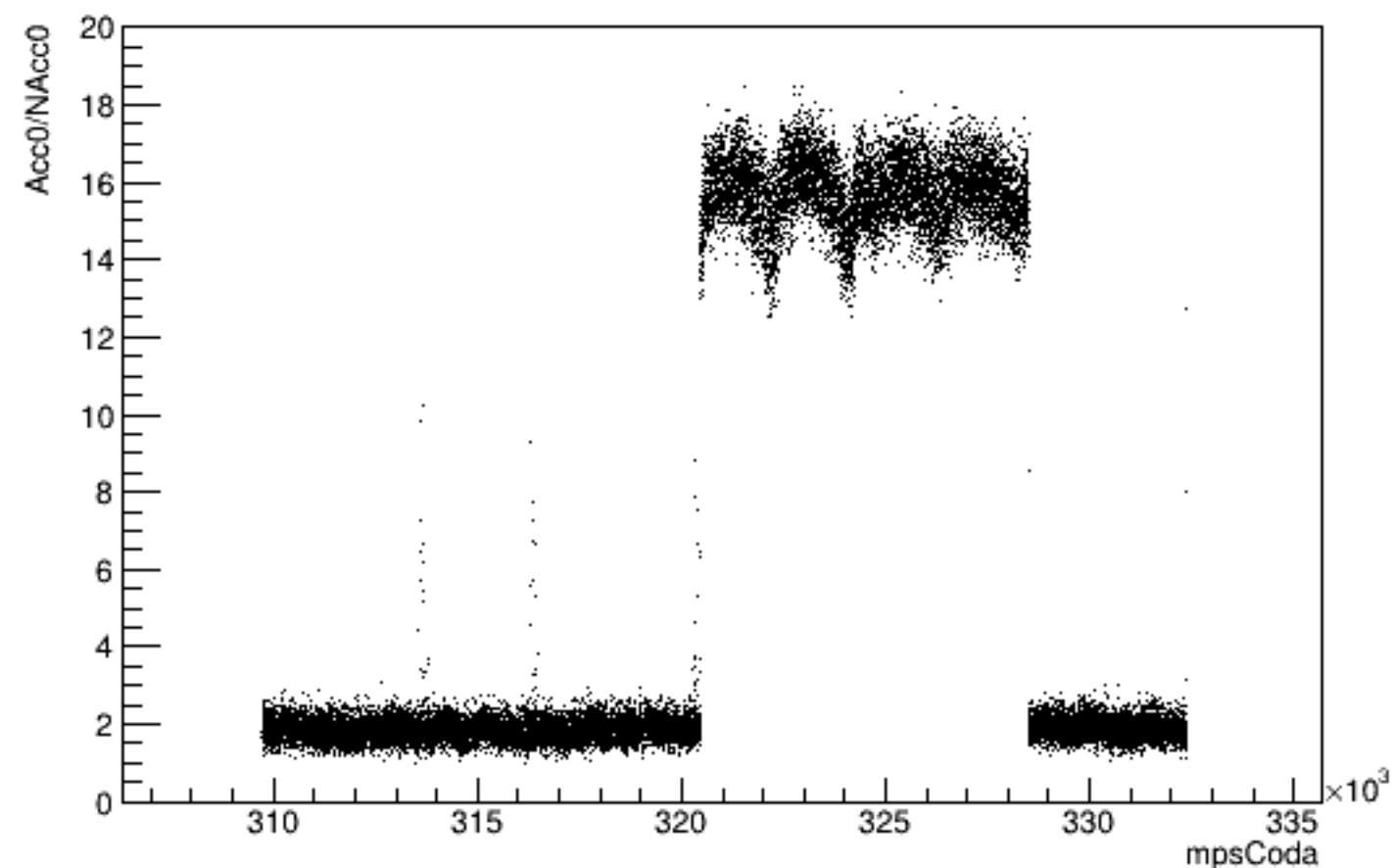
Mean: -0.0001 +/- 0.0003

Std Dev: 0.0094 +/- 0.0002

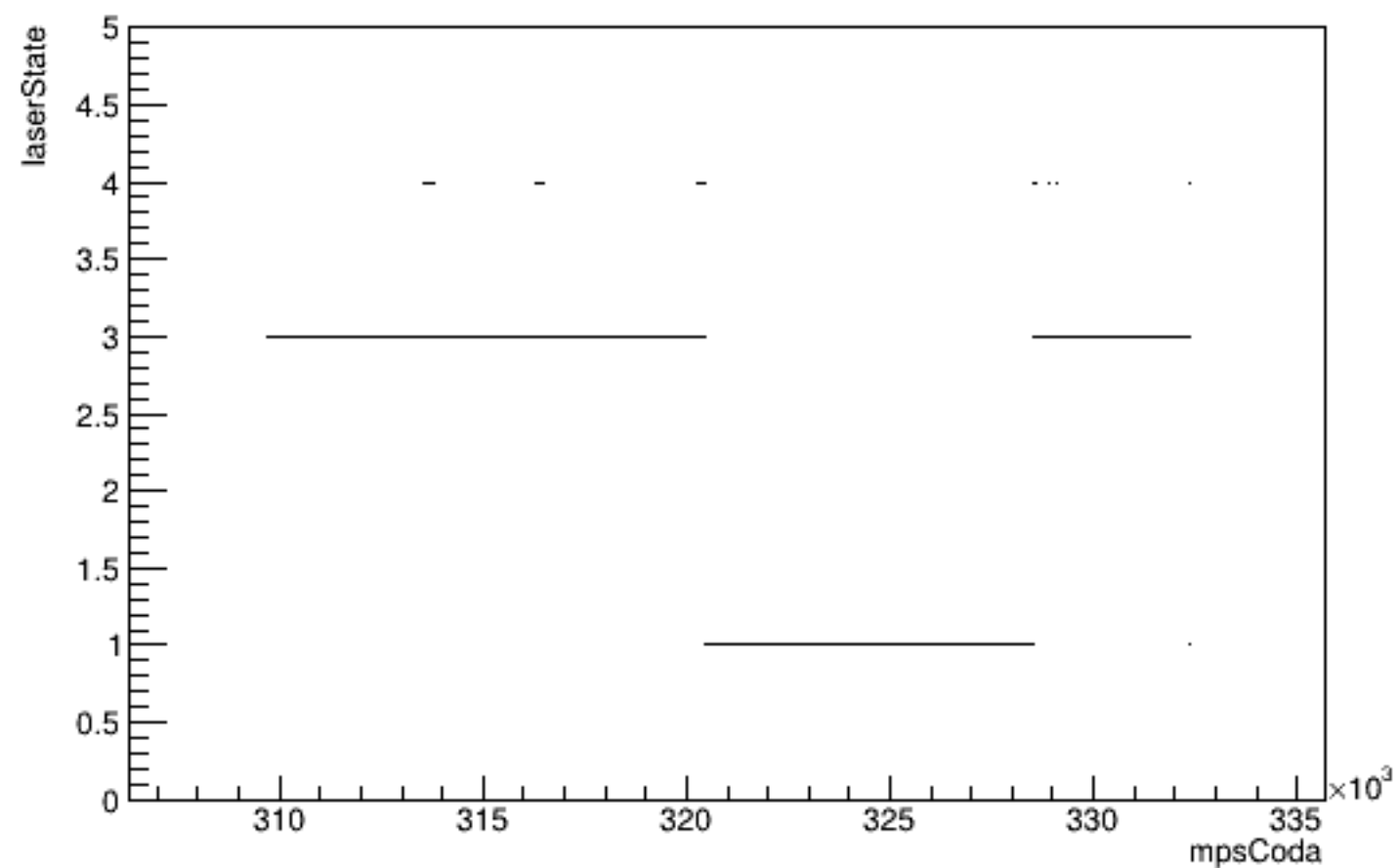
Run 5311 quartetwise, Asyms



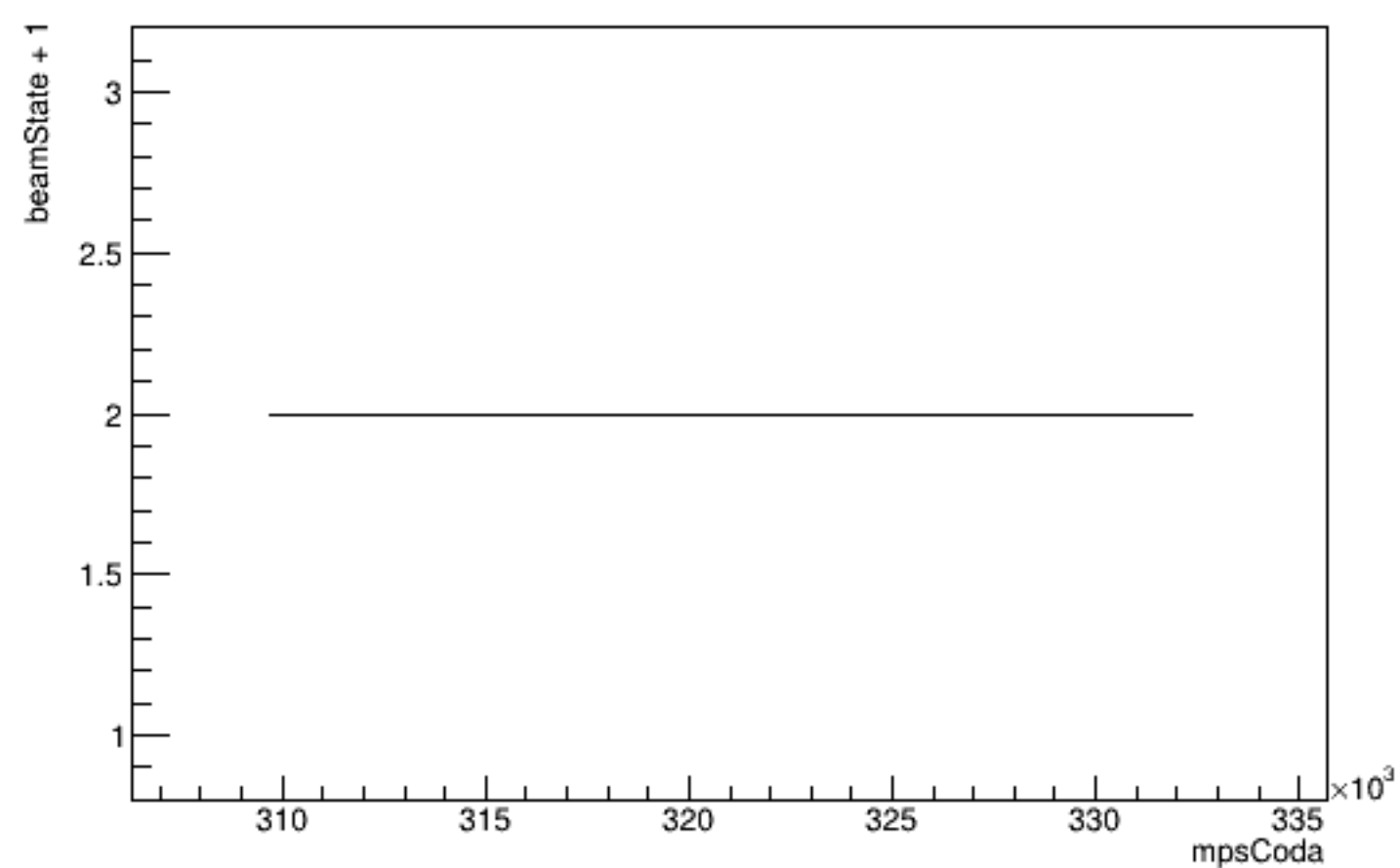
Acc0/NAcc0:mpsCoda (mpsCoda>=309731 && mpsCoda<=332370 && beamState==1)



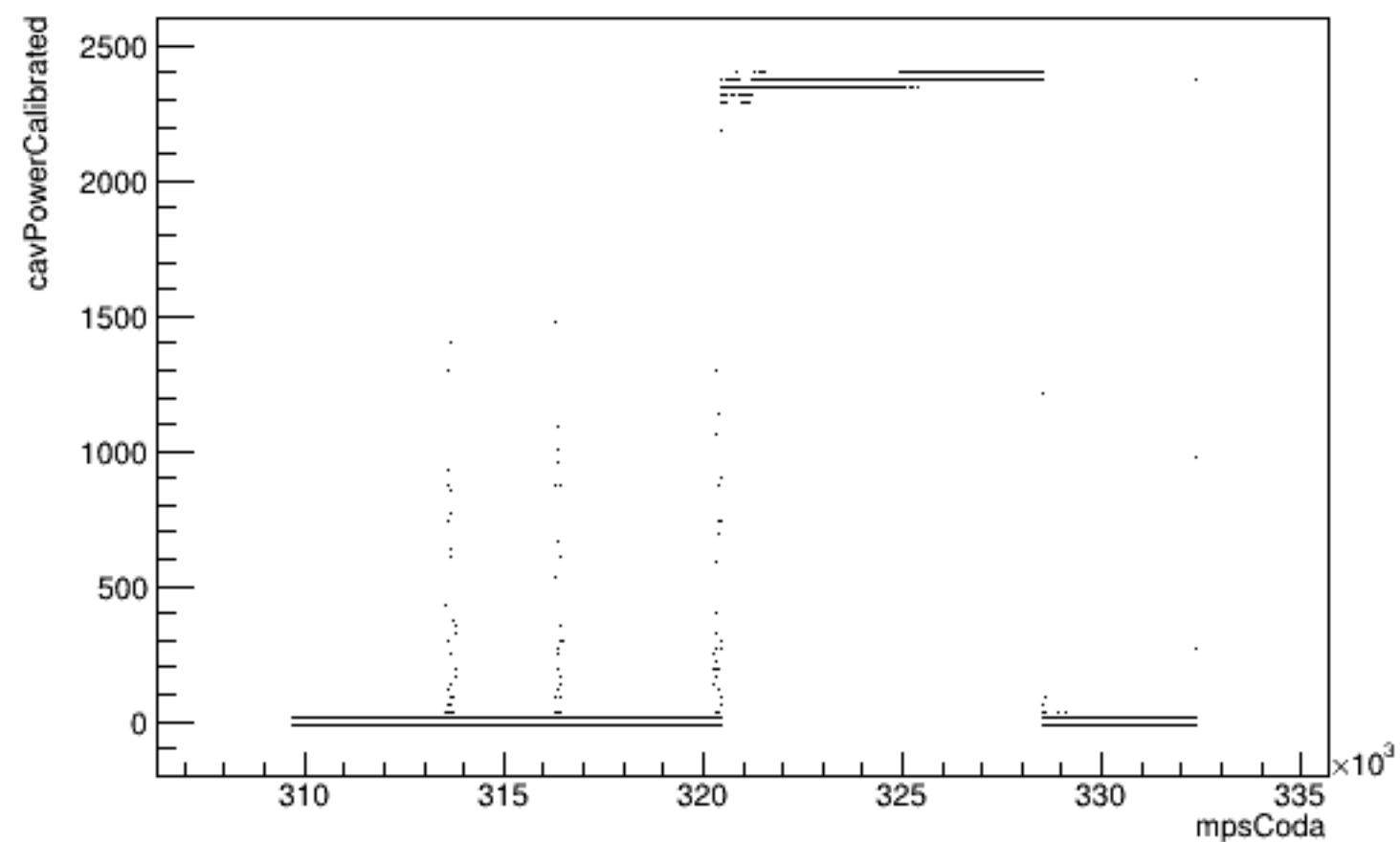
laserState:mpsCoda {mpsCoda>=309731 && mpsCoda<=332370}



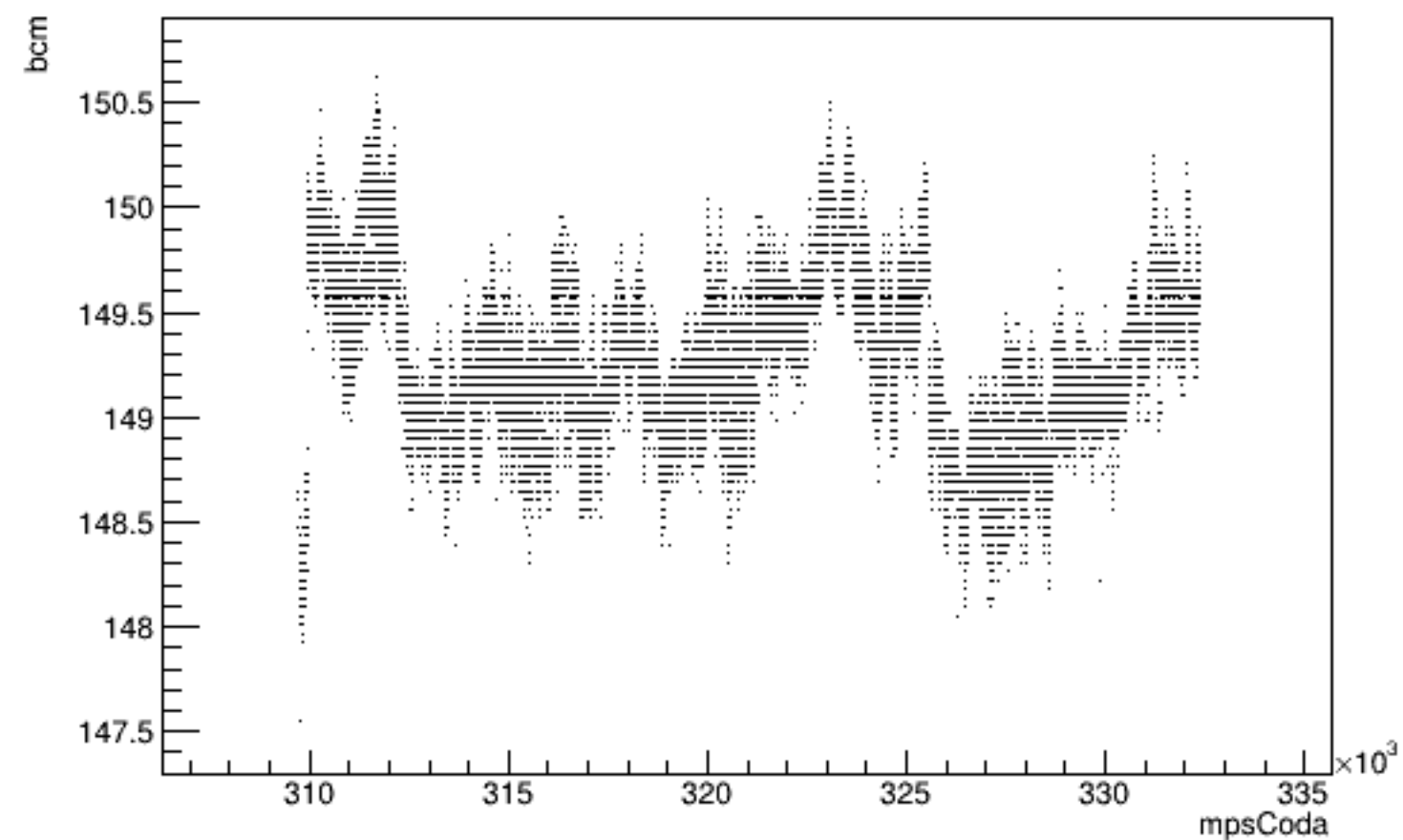
beamState + 1:mpsCoda {mpsCoda>=309731 && mpsCoda<=332370}



cavPowerCalibrated:mpsCoda {mpsCoda>=309731 && mpsCoda<=332370}



bcm:mpsCoda {mpsCoda>=309731 && mpsCoda<=332370}



Cycle 11, Diffs

Entries: 1621

Mean: 0.0096 +/- 0.0063

Std Dev: 0.2546 +/- 0.0045

Entries: 1948

Mean: -0.8322 +/- 0.0116

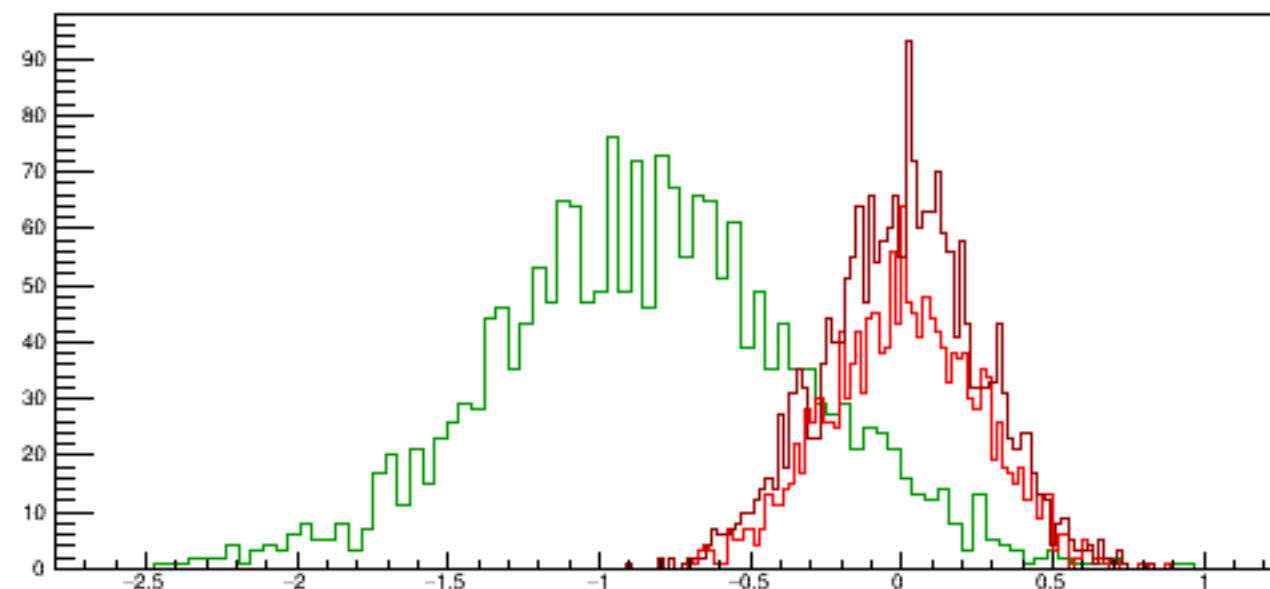
Std Dev: 0.5127 +/- 0.0082

Entries: 2116

Mean: -0.0002 +/- 0.0056

Std Dev: 0.2589 +/- 0.0040

Run 5311 quartetwise, Diffs



Cycle 11, Sums

Entries: 1621

Mean: 3.7246 +/- 0.0075

Std Dev: 0.3029 +/- 0.0053

Entries: 1948

Mean: 30.7620 +/- 0.0466

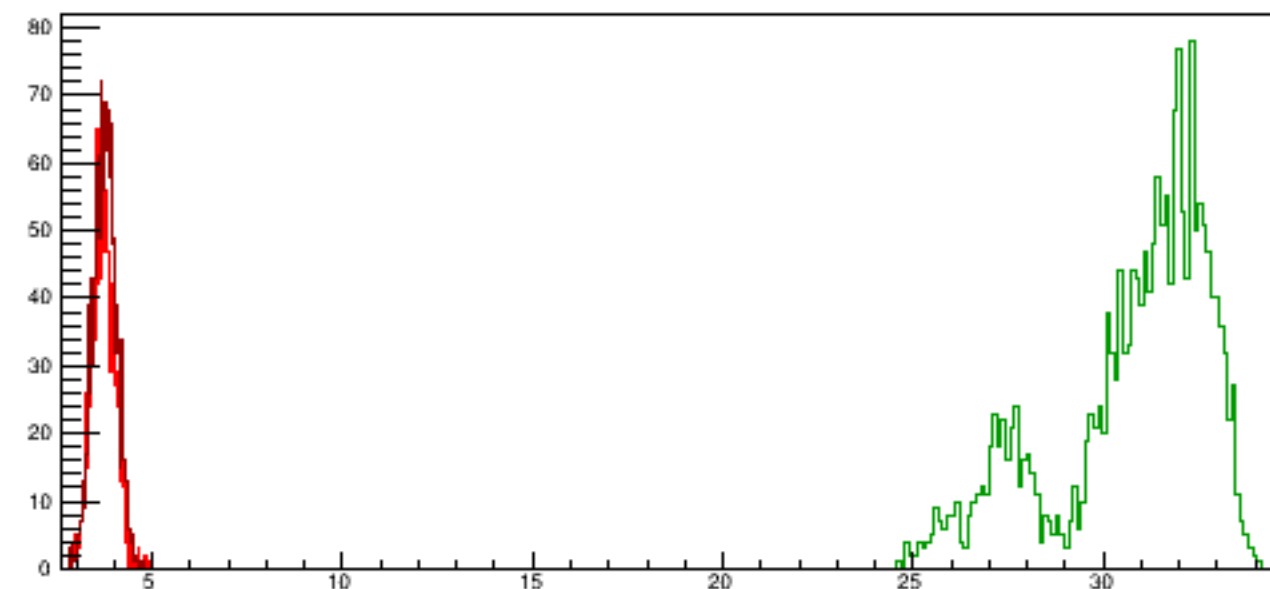
Std Dev: 2.0547 +/- 0.0329

Entries: 2116

Mean: 3.7446 +/- 0.0066

Std Dev: 0.3032 +/- 0.0047

Run 5311 quartetwise, Sums



Cycle 11, Asyms

Entries: 1621

Mean: 0.0004 +/- 0.0002

Std Dev: 0.0094 +/- 0.0002

Entries: 1948

Mean: -0.0307 +/- 0.0004

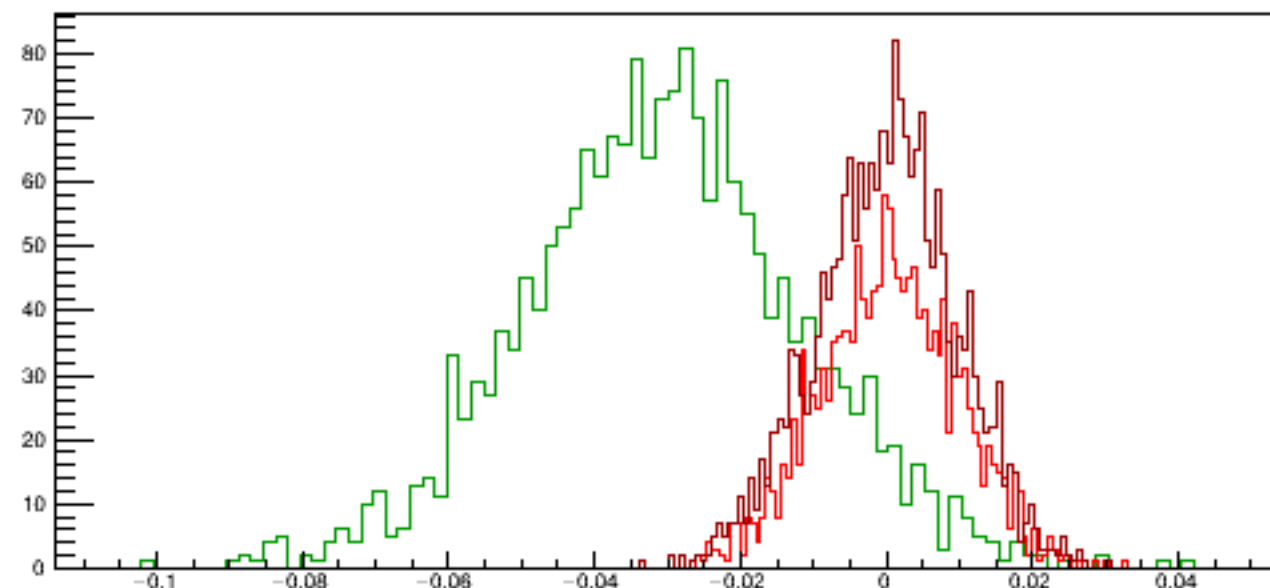
Std Dev: 0.0190 +/- 0.0003

Entries: 2116

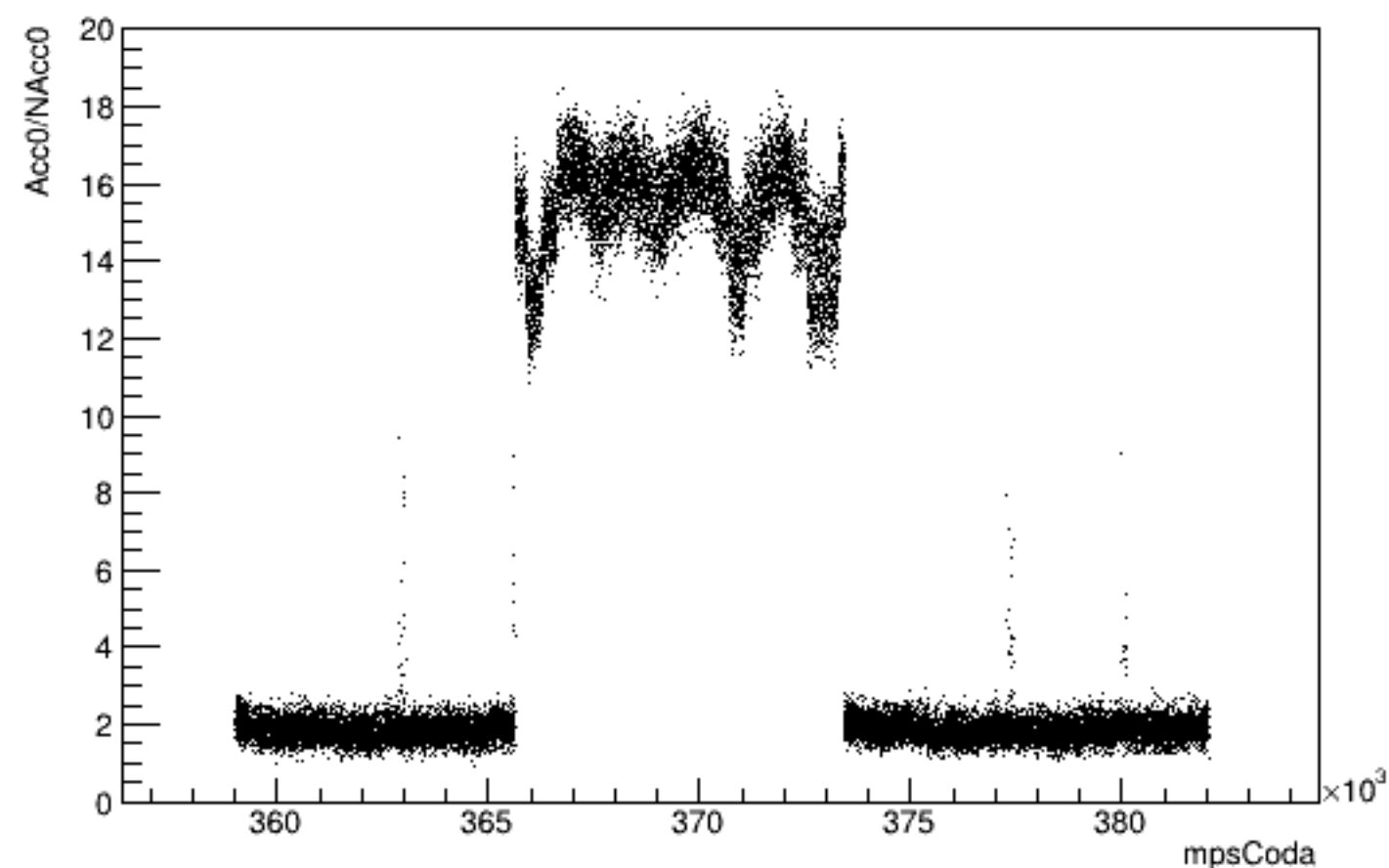
Mean: -0.0000 +/- 0.0002

Std Dev: 0.0096 +/- 0.0001

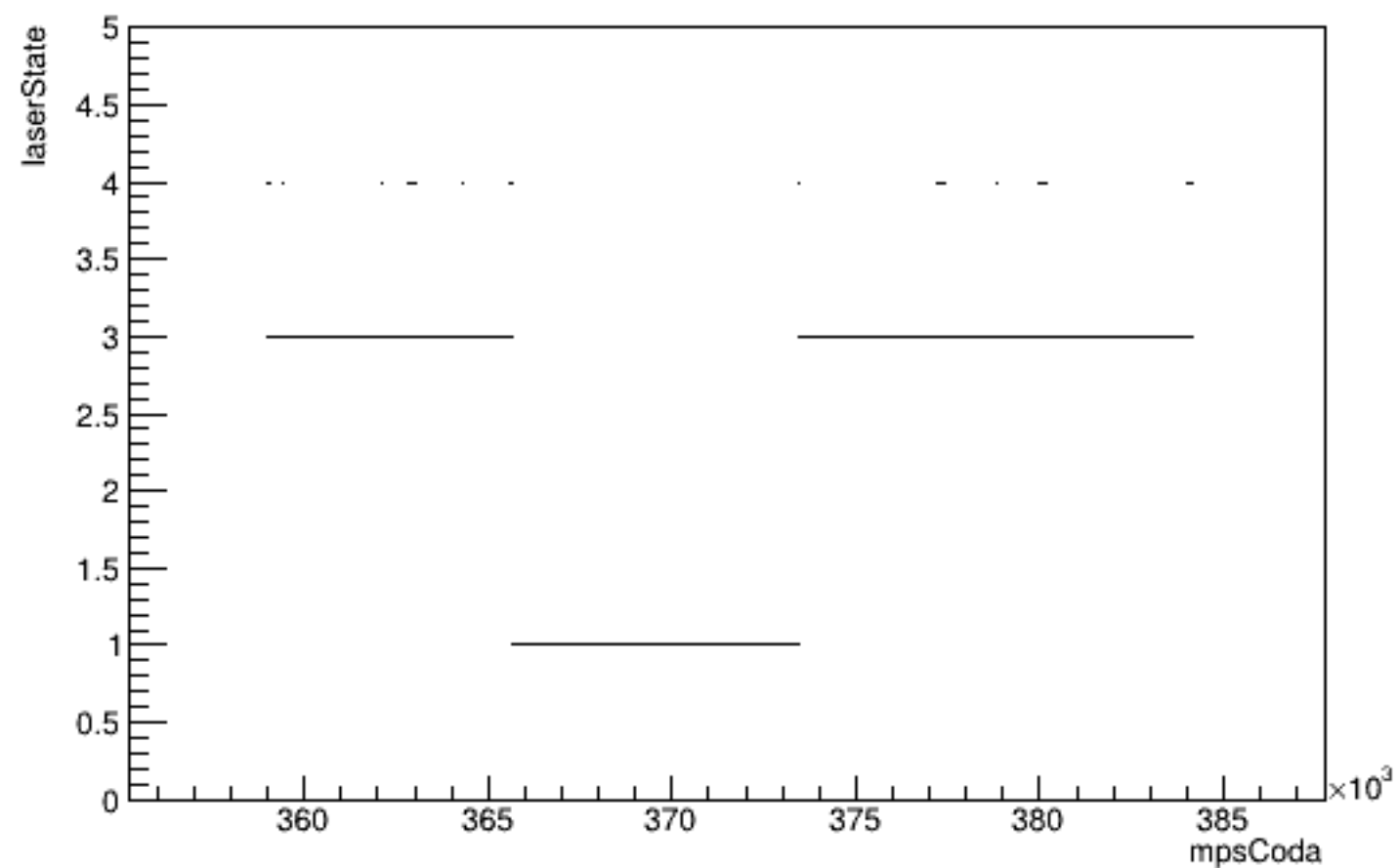
Run 5311 quartetwise, Asyms



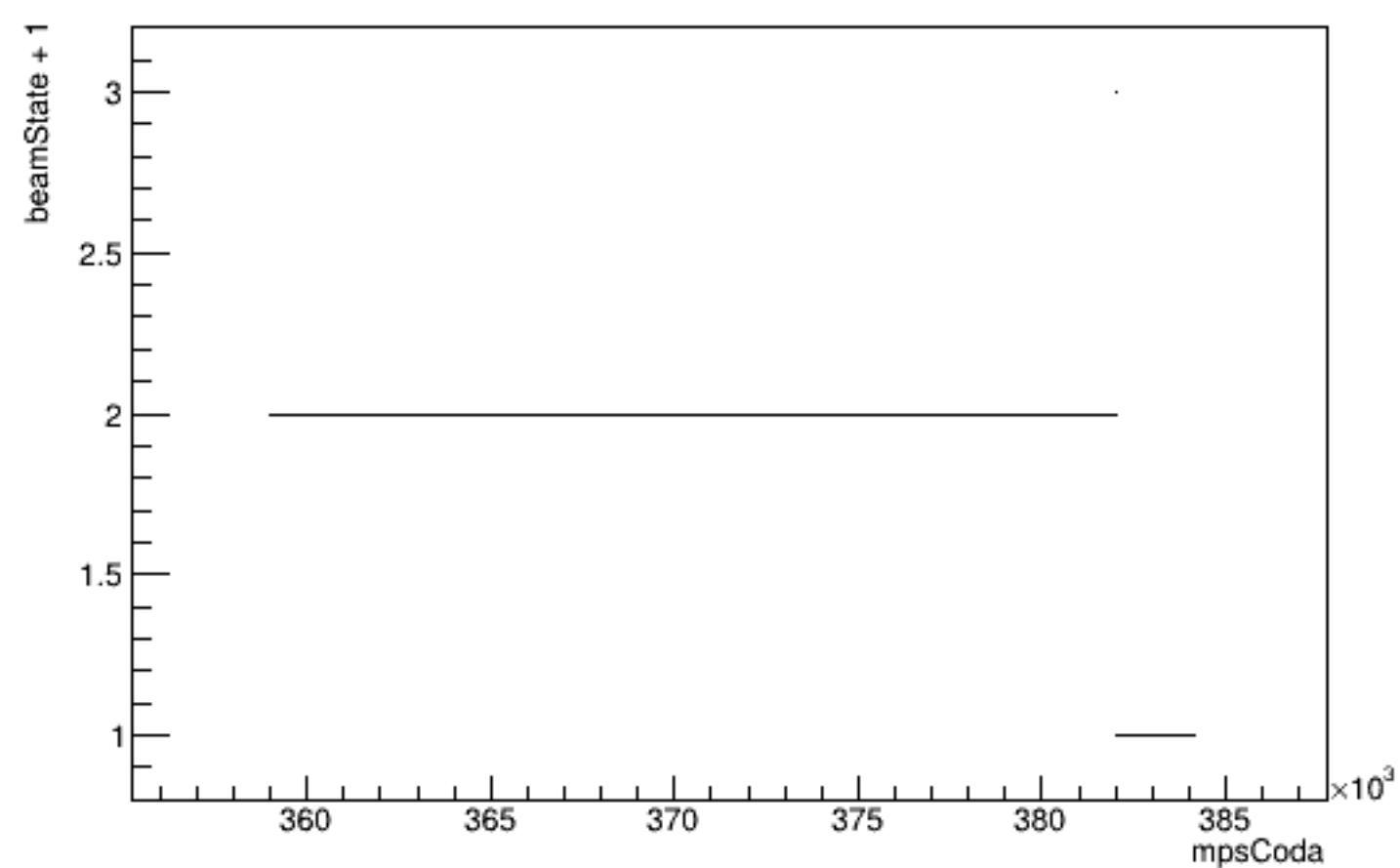
Acc0/NAcc0:mpsCoda (mpsCoda>=359011 && mpsCoda<=384142 && beamState==1)



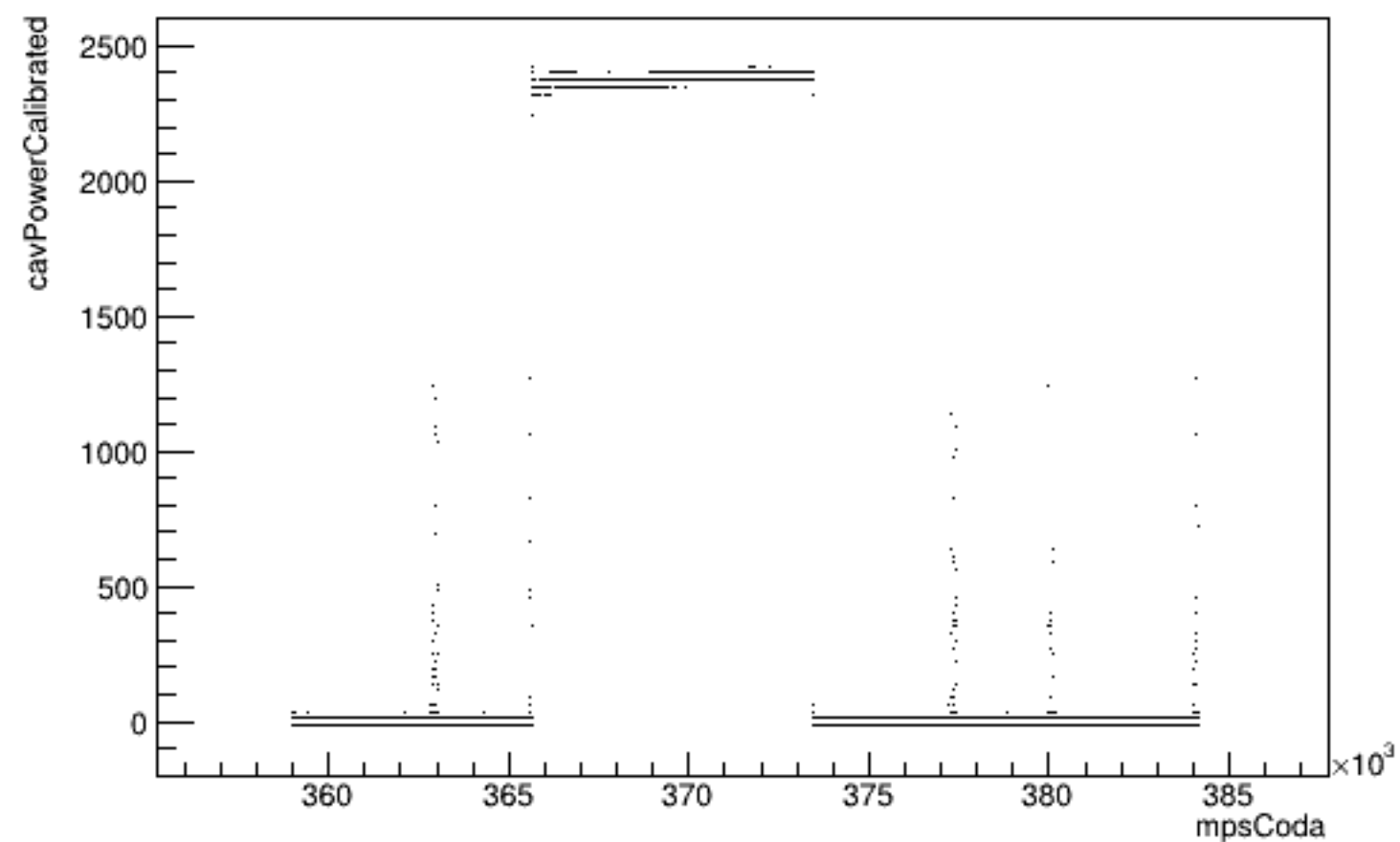
laserState:mpsCoda {mpsCoda>=359011 && mpsCoda<=384142}



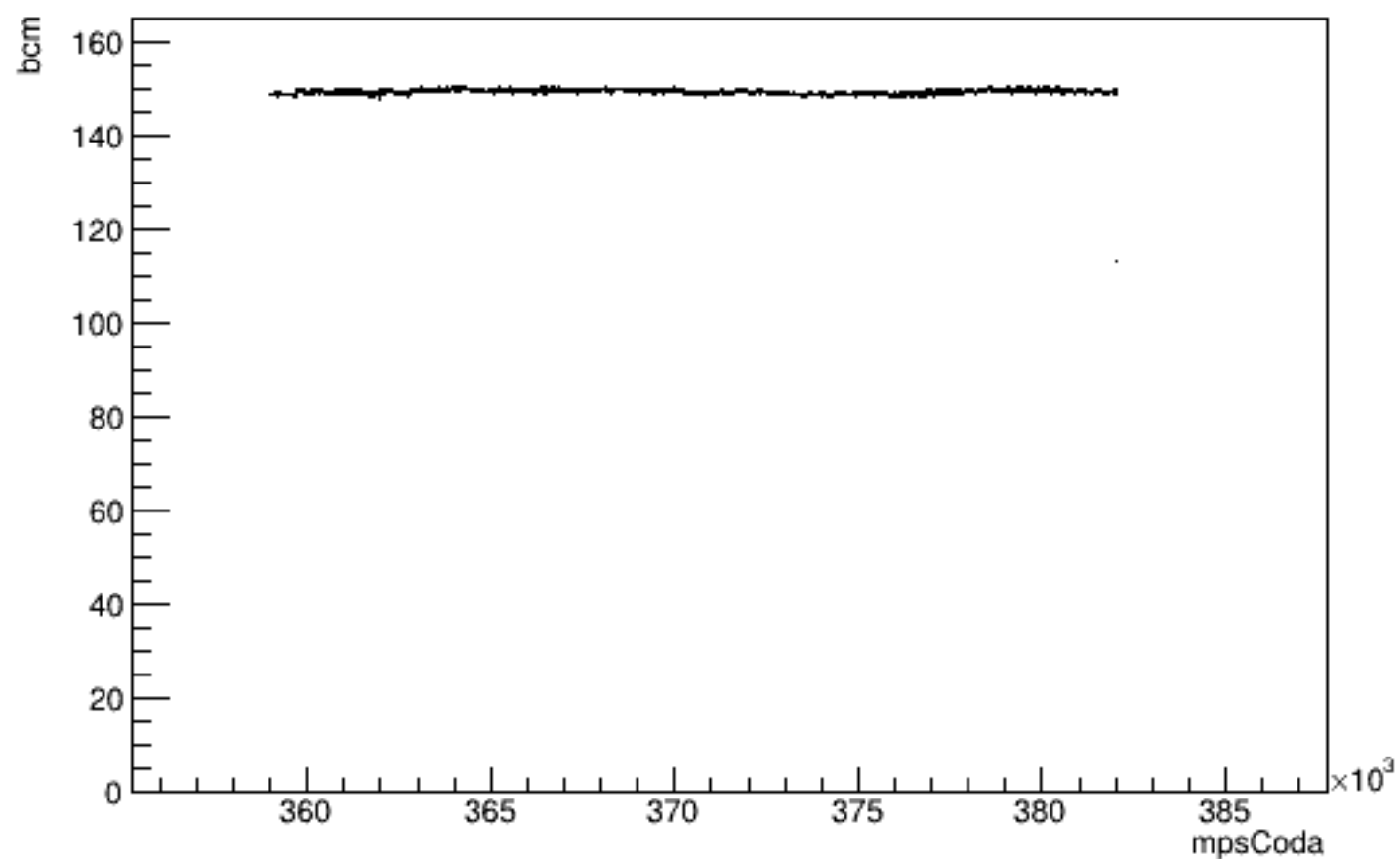
beamState + 1:mpsCoda {mpsCoda>=359011 && mpsCoda<=384142}



cavPowerCalibrated:mpsCoda {mpsCoda>=359011 && mpsCoda<=384142}



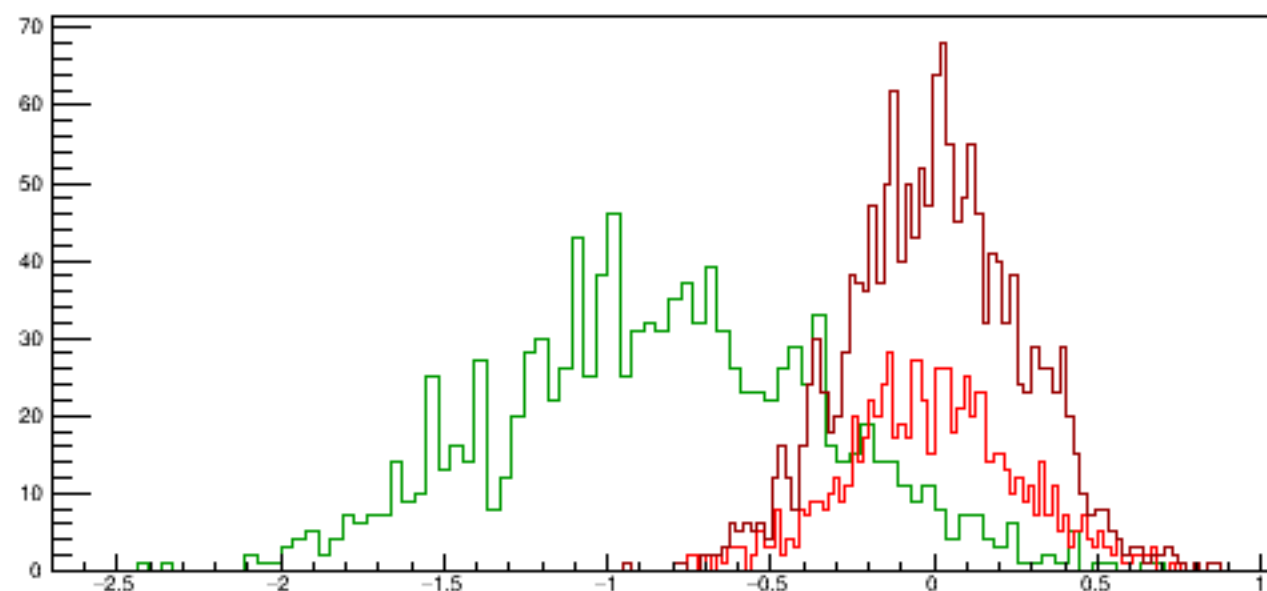
bcm:mpsCoda {mpsCoda>=359011 && mpsCoda<=384142}



Cycle 12, Diffs

Entries: 827	Entries: 1152	Entries: 1633
Mean: -0.0066 +/- 0.0092	Mean: -0.8335 +/- 0.0146	Mean: 0.0021 +/- 0.0065
Std Dev: 0.2637 +/- 0.0065	Std Dev: 0.4963 +/- 0.0103	Std Dev: 0.2638 +/- 0.0046

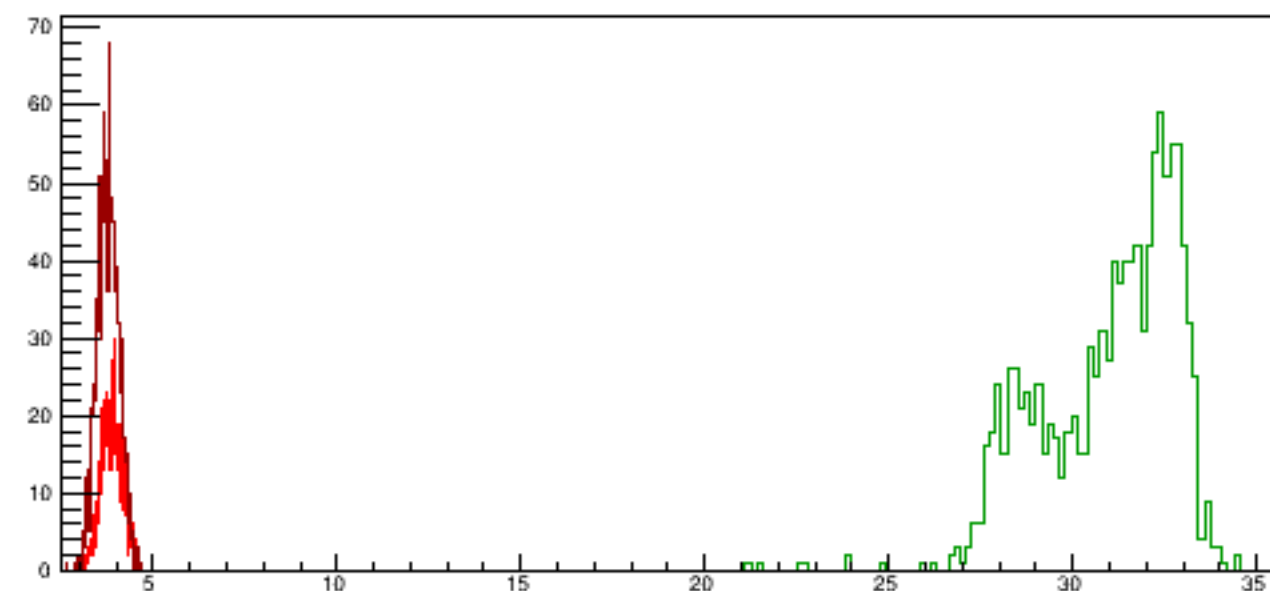
Run 5311 quartetwise, Diffs



Cycle 12, Sums

Entries: 827	Entries: 1152	Entries: 1633
Mean: 3.8852 +/- 0.0102	Mean: 30.9887 +/- 0.0545	Mean: 3.7821 +/- 0.0073
Std Dev: 0.2932 +/- 0.0072	Std Dev: 1.8515 +/- 0.0386	Std Dev: 0.2955 +/- 0.0052

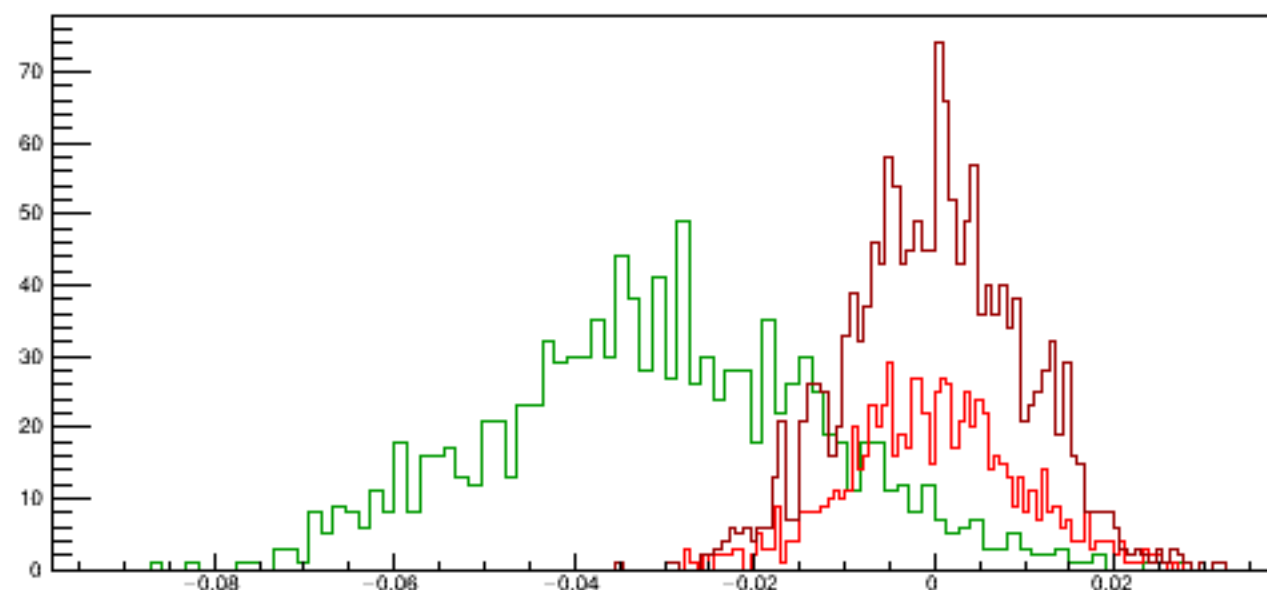
Run 5311 quartetwise, Sums



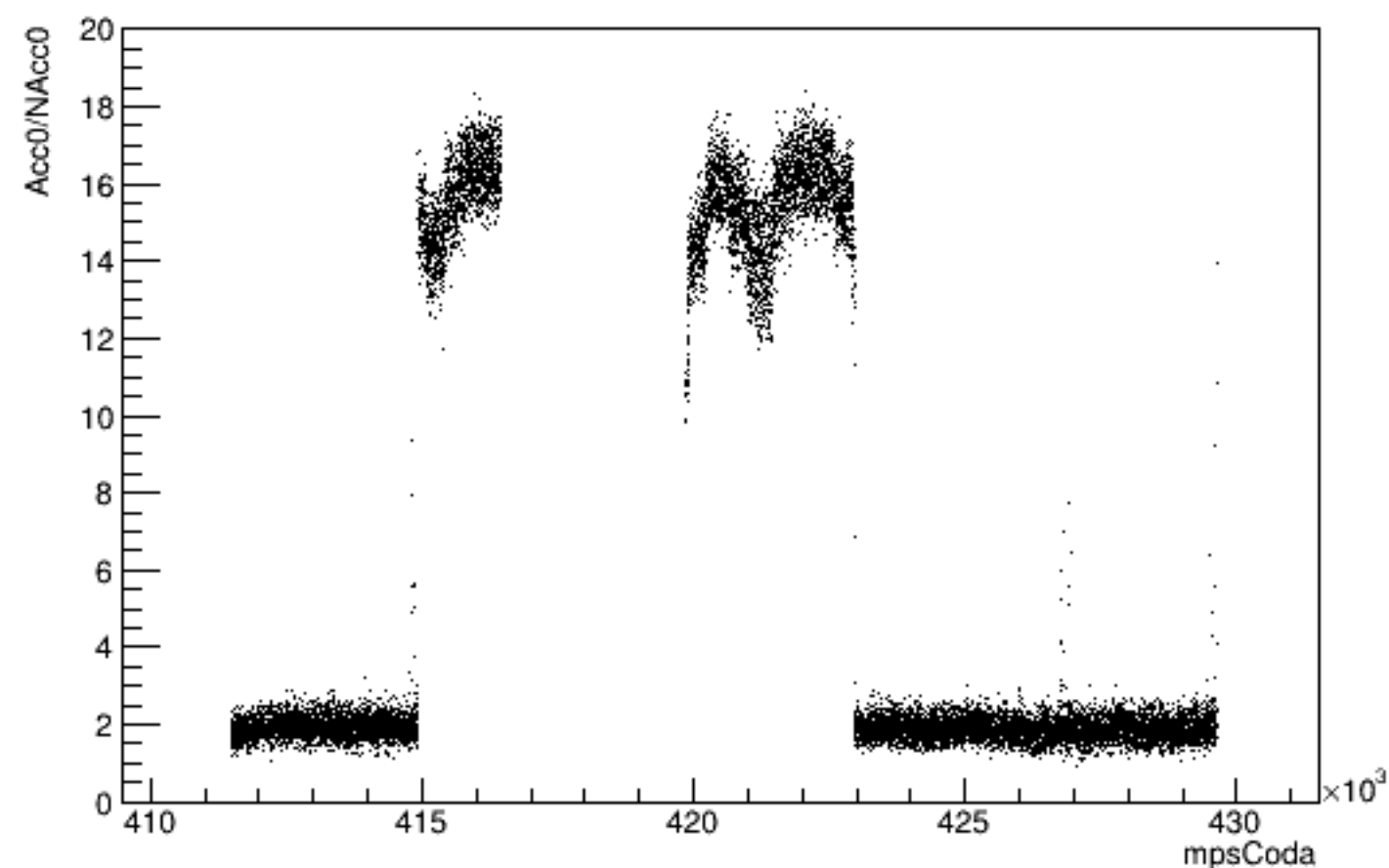
Cycle 12, Asyms

Entries: 827	Entries: 1152	Entries: 1633
Mean: -0.0002 +/- 0.0003	Mean: -0.0307 +/- 0.0005	Mean: 0.0001 +/- 0.0002
Std Dev: 0.0097 +/- 0.0002	Std Dev: 0.0183 +/- 0.0004	Std Dev: 0.0097 +/- 0.0002

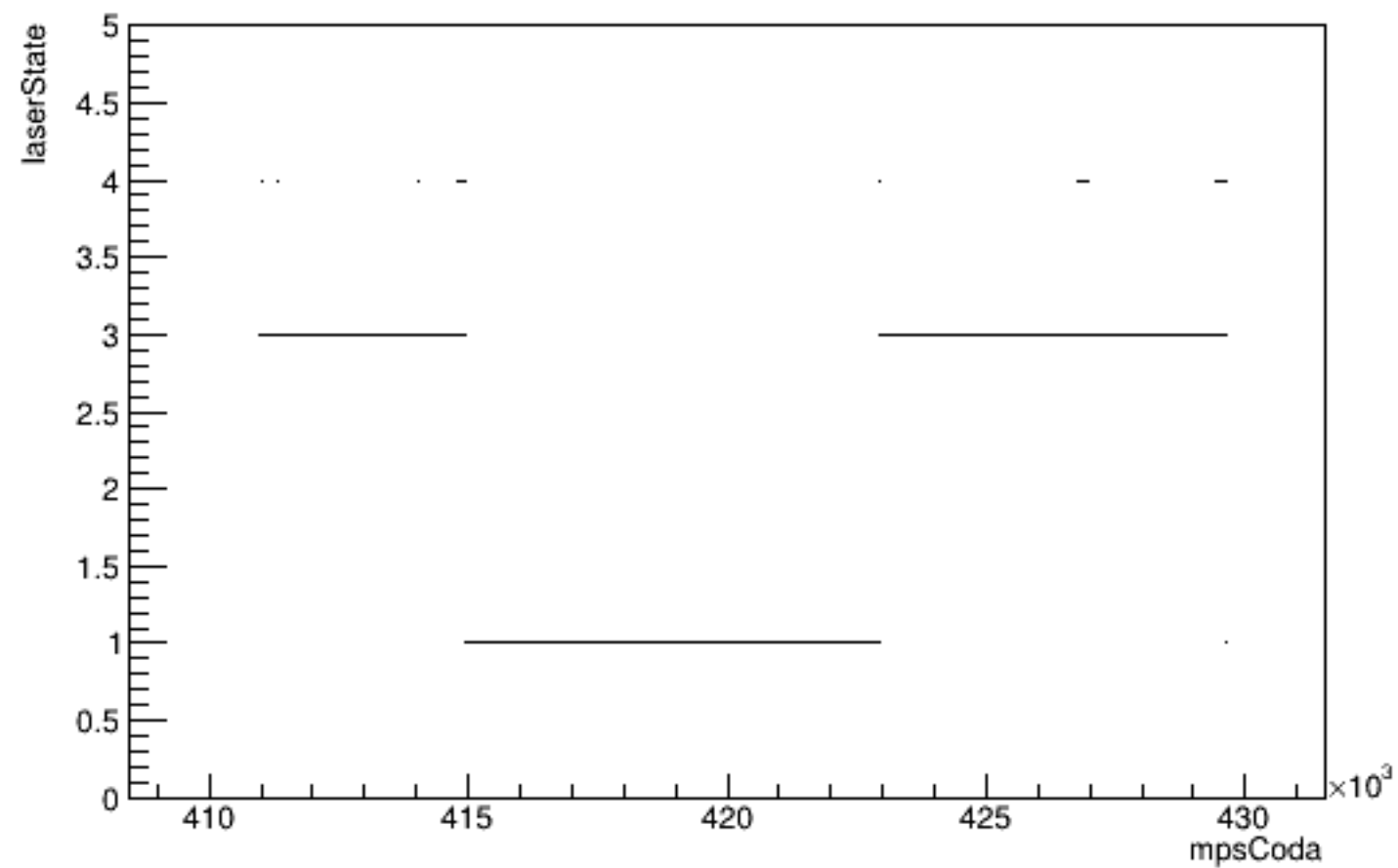
Run 5311 quartetwise, Asyms



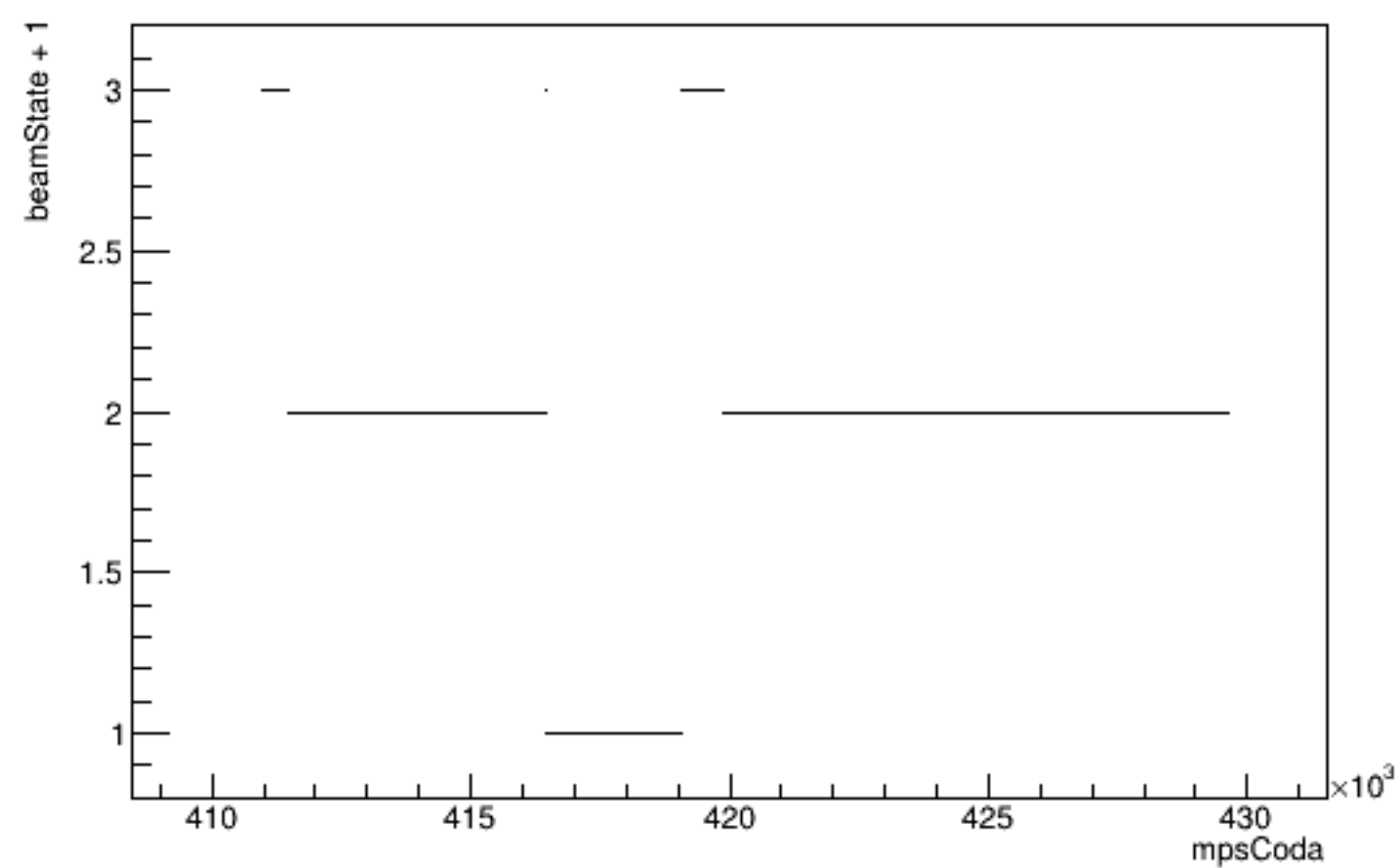
Acc0/NAcc0:mpsCoda (mpsCoda>=410983 && mpsCoda<=429630 && beamState==1)



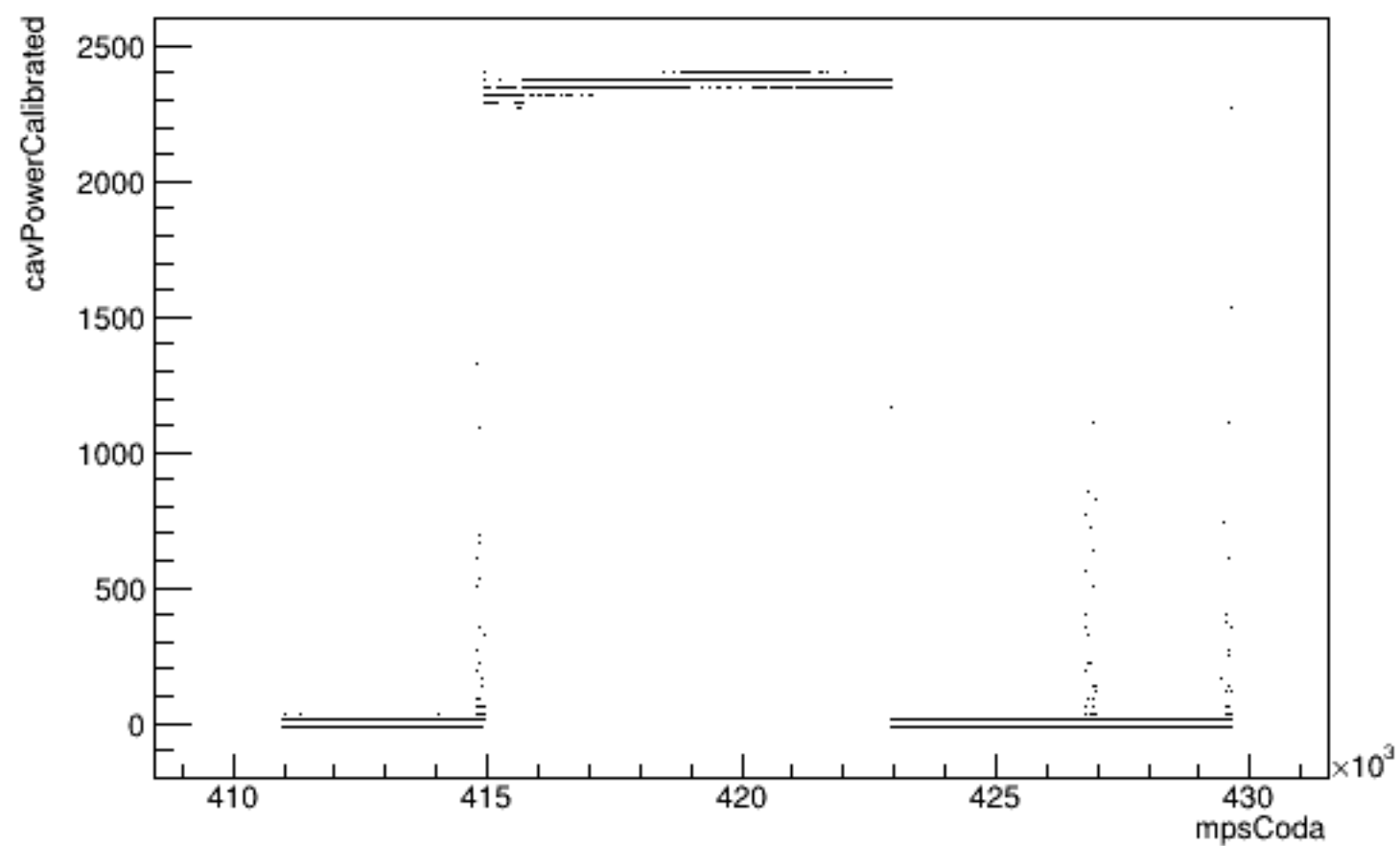
laserState:mpsCoda {mpsCoda>=410983 && mpsCoda<=429630}



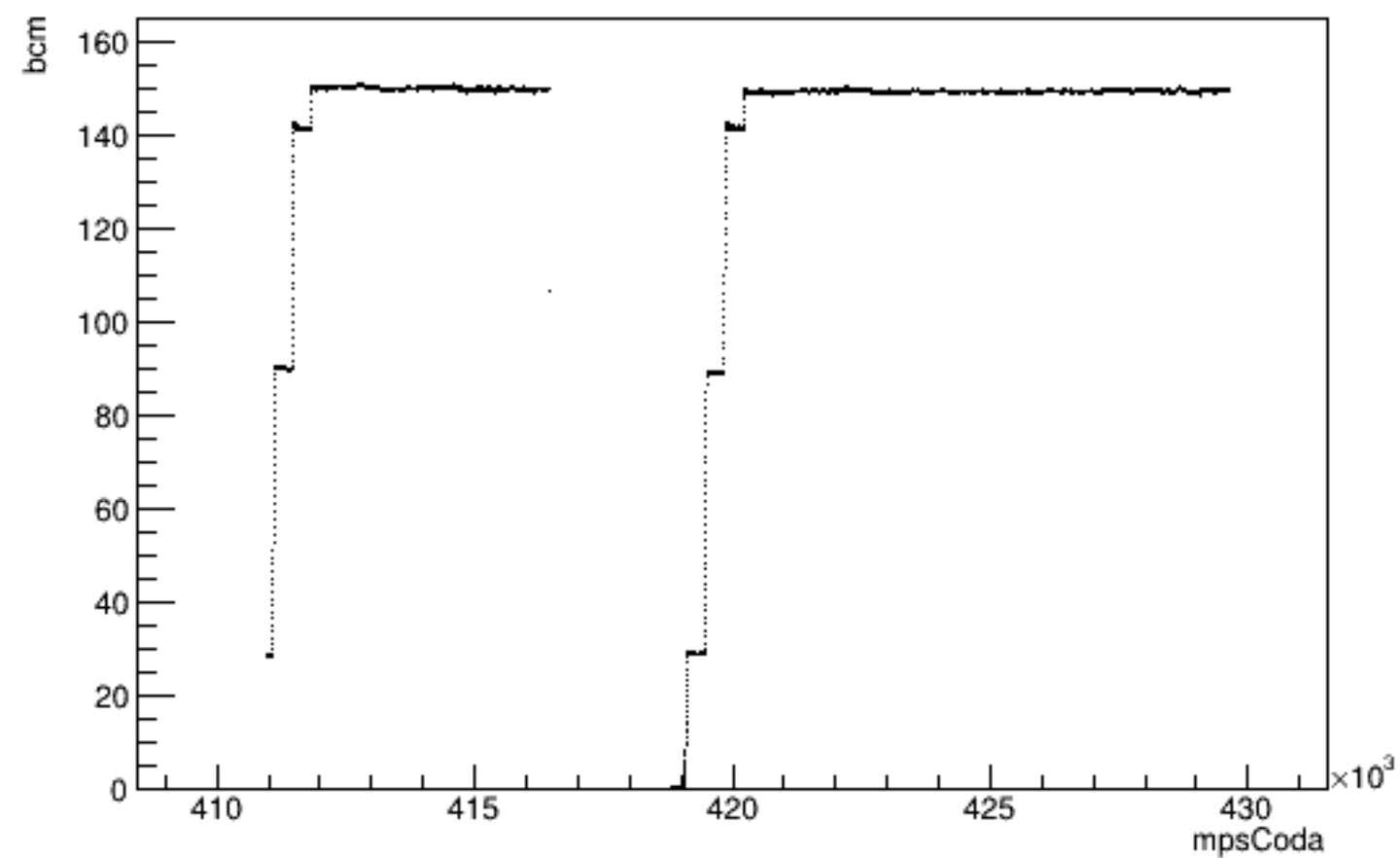
beamState + 1:mpsCoda {mpsCoda>=410983 && mpsCoda<=429630}



cavPowerCalibrated:mpsCoda {mpsCoda>=410983 && mpsCoda<=429630}



bcm:mpsCoda {mpsCoda>=410983 && mpsCoda<=429630}



Cycle 13, Diffs

Entries: 2633

Mean: -0.0032 +/- 0.0051

Std Dev: 0.2618 +/- 0.0036

Entries: 1809

Mean: -0.8712 +/- 0.0112

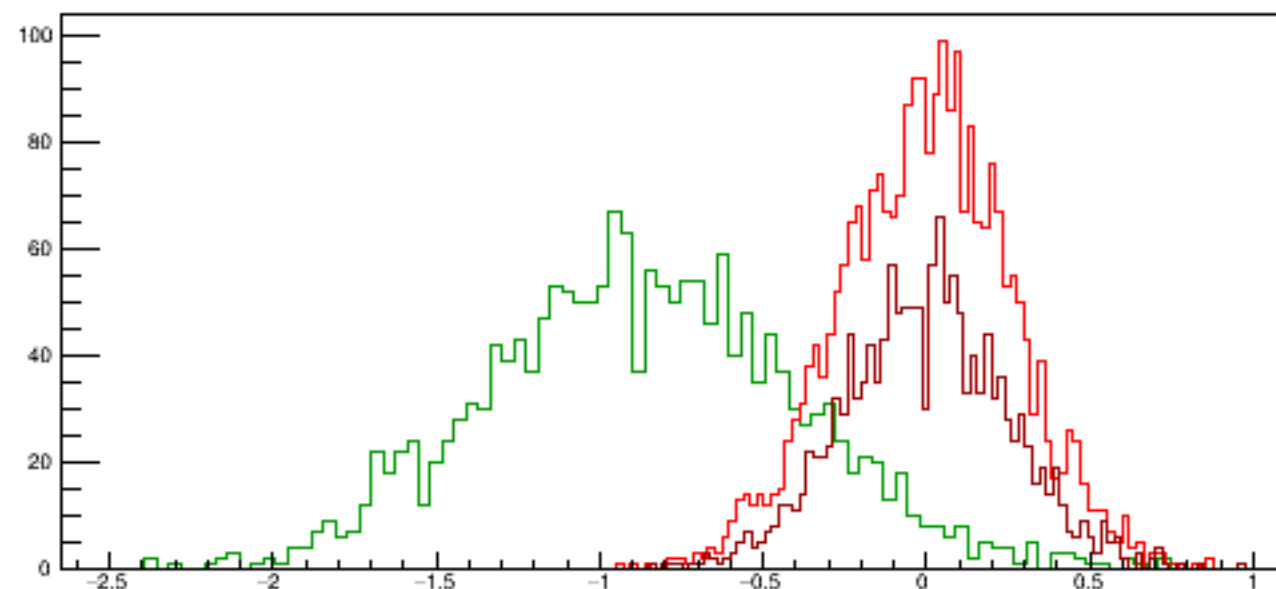
Std Dev: 0.4759 +/- 0.0079

Entries: 1507

Mean: -0.0021 +/- 0.0065

Std Dev: 0.2542 +/- 0.0046

Run 5311 quartetwise, Diffs



Cycle 13, Sums

Entries: 2633

Mean: 3.6972 +/- 0.0059

Std Dev: 0.3032 +/- 0.0042

Entries: 1809

Mean: 31.2661 +/- 0.0264

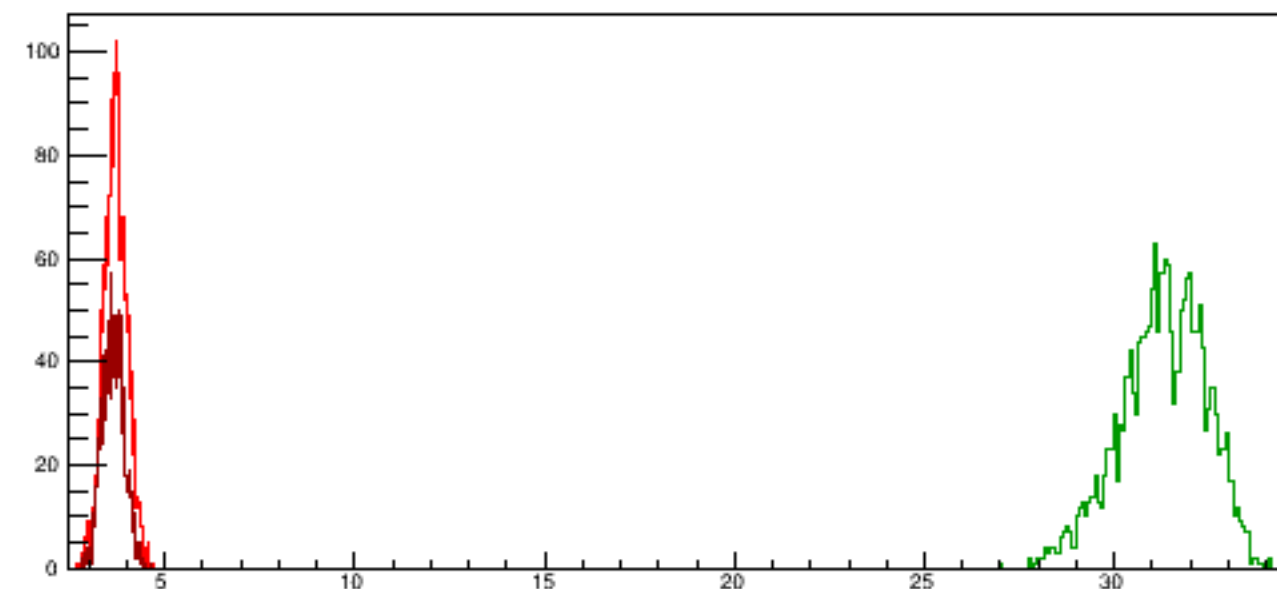
Std Dev: 1.1247 +/- 0.0187

Entries: 1507

Mean: 3.6340 +/- 0.0074

Std Dev: 0.2872 +/- 0.0052

Run 5311 quartetwise, Sums



Cycle 13, Asyms

Entries: 2633

Mean: -0.0001 +/- 0.0002

Std Dev: 0.0095 +/- 0.0001

Entries: 1809

Mean: -0.0316 +/- 0.0004

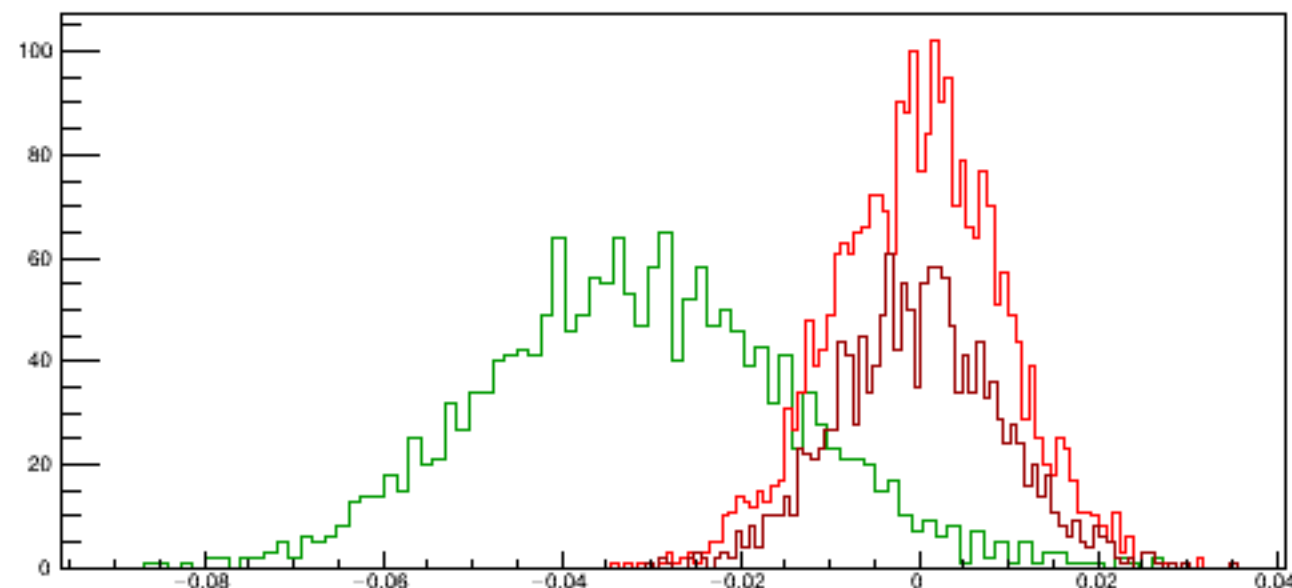
Std Dev: 0.0172 +/- 0.0003

Entries: 1507

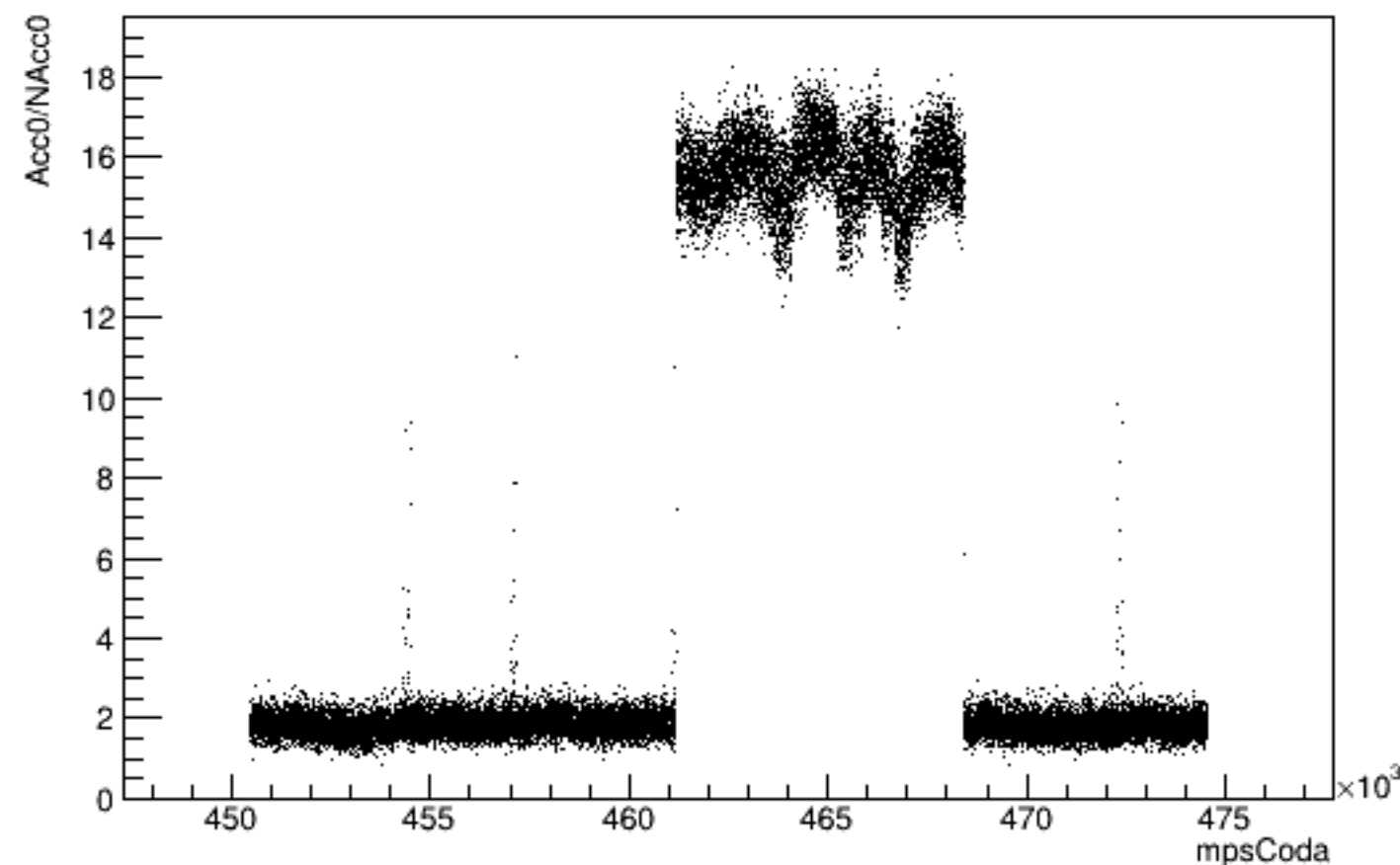
Mean: -0.0001 +/- 0.0002

Std Dev: 0.0092 +/- 0.0002

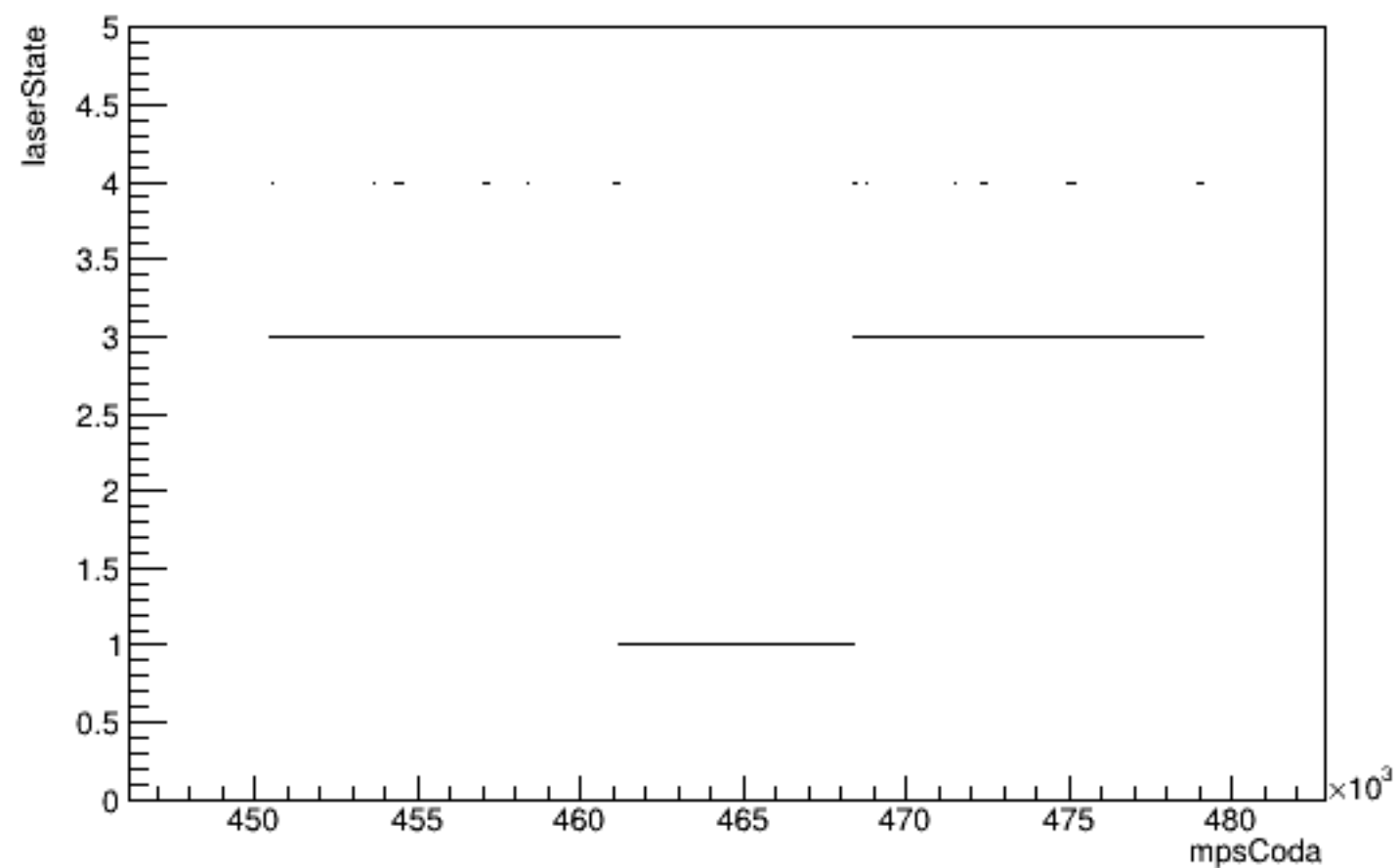
Run 5311 quartetwise, Asyms



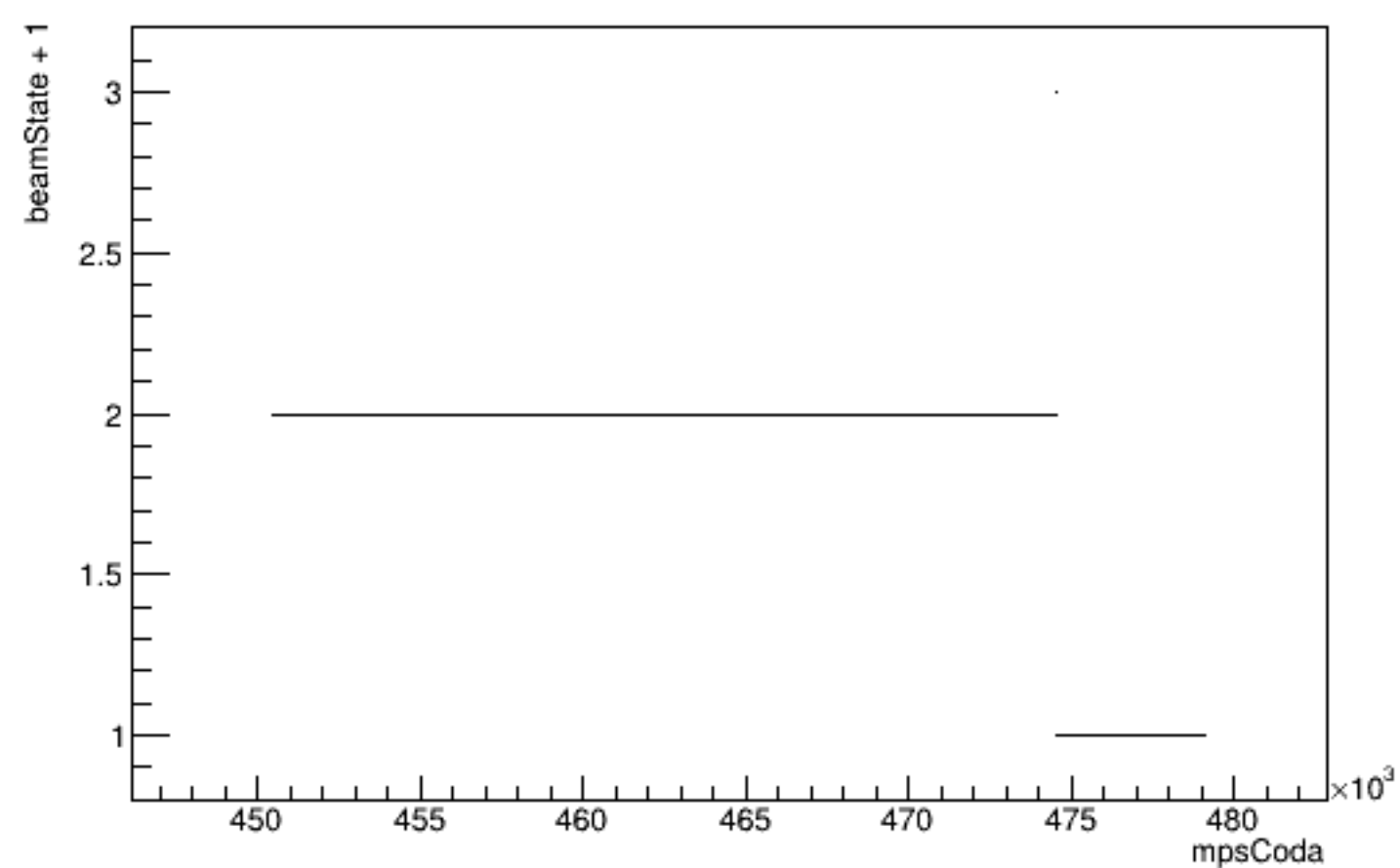
Acc0/NAcc0:mpsCoda (mpsCoda>=450479 && mpsCoda<=479094 && beamState==1)



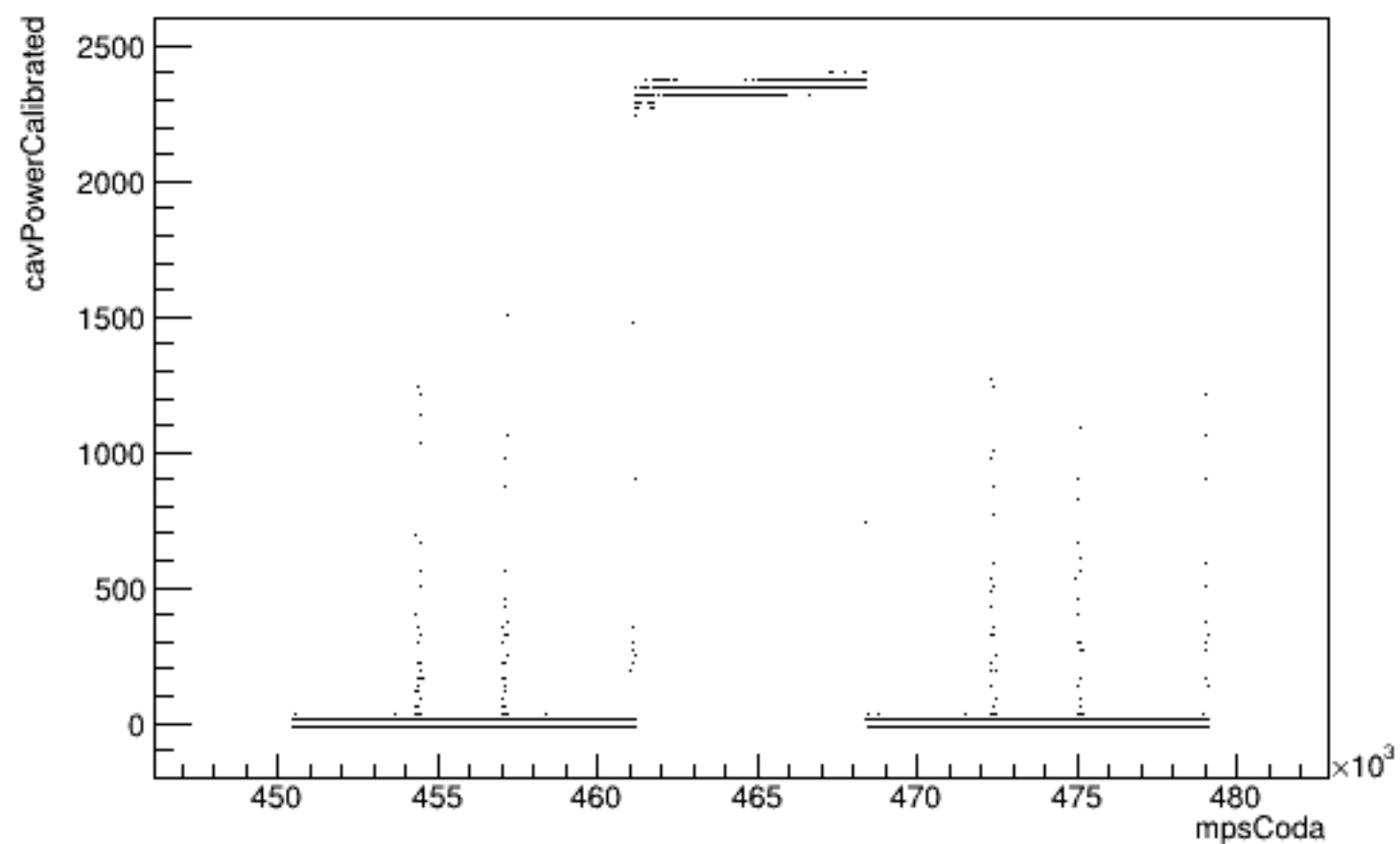
laserState:mpsCoda {mpsCoda>=450479 && mpsCoda<=479094}



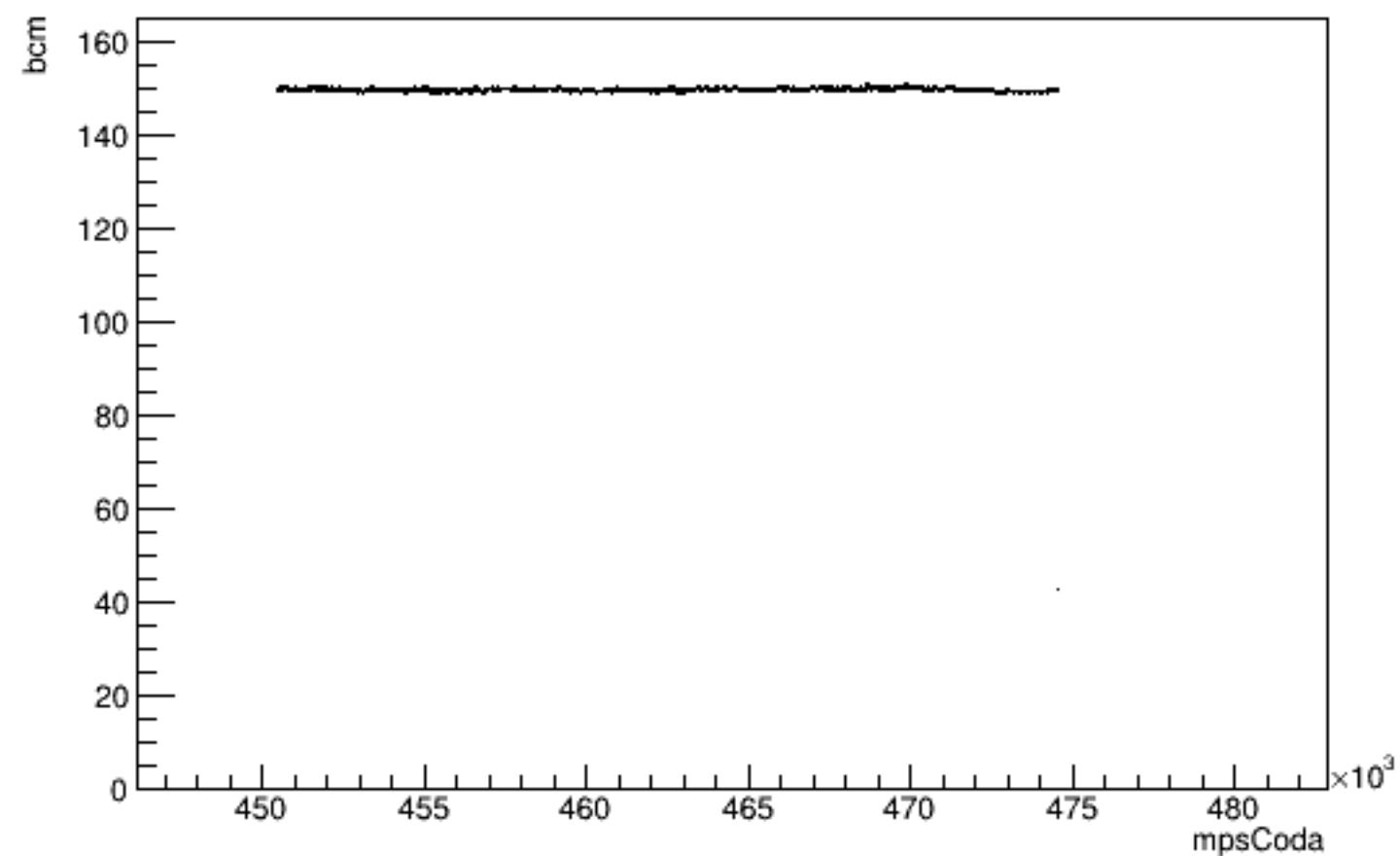
beamState + 1:mpsCoda {mpsCoda>=450479 && mpsCoda<=479094}



cavPowerCalibrated:mpsCoda {mpsCoda>=450479 && mpsCoda<=479094}



bcm:mpsCoda {mpsCoda>=450479 && mpsCoda<=479094}



Cycle 14, Diffs

Entries: 1507

Mean: -0.0021 +/- 0.0065

Std Dev: 0.2542 +/- 0.0046

Entries: 1409

Mean: -0.8346 +/- 0.0137

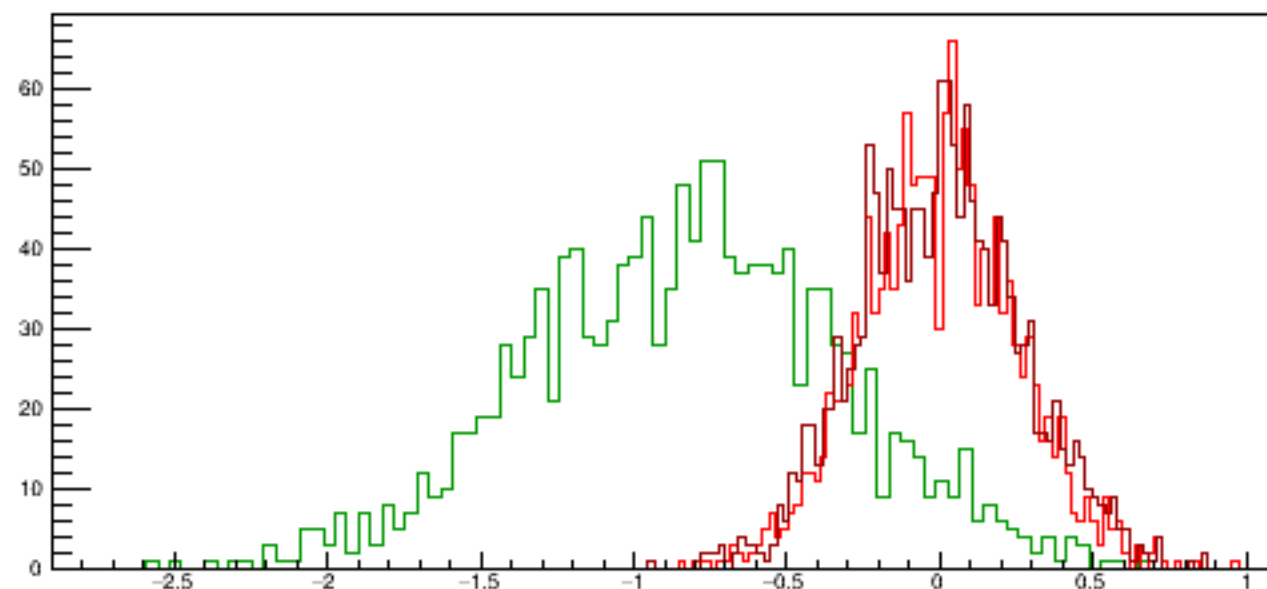
Std Dev: 0.5128 +/- 0.0097

Entries: 1613

Mean: -0.0006 +/- 0.0066

Std Dev: 0.2669 +/- 0.0047

Run 5311 quartetwise, Diffs



Cycle 14, Sums

Entries: 1507

Mean: 3.6340 +/- 0.0074

Std Dev: 0.2872 +/- 0.0052

Entries: 1409

Mean: 30.9554 +/- 0.0464

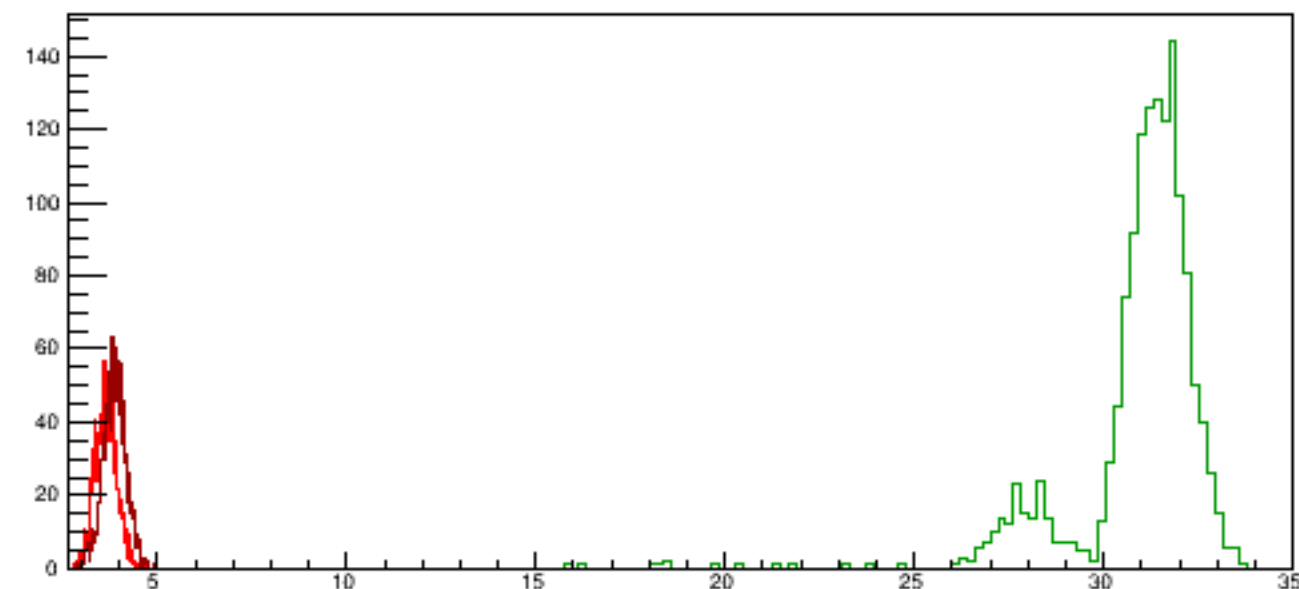
Std Dev: 1.7418 +/- 0.0328

Entries: 1613

Mean: 3.8796 +/- 0.0076

Std Dev: 0.3057 +/- 0.0054

Run 5311 quartetwise, Sums



Cycle 14, Asyms

Entries: 1507

Mean: -0.0001 +/- 0.0002

Std Dev: 0.0093 +/- 0.0002

Entries: 1409

Mean: -0.0308 +/- 0.0005

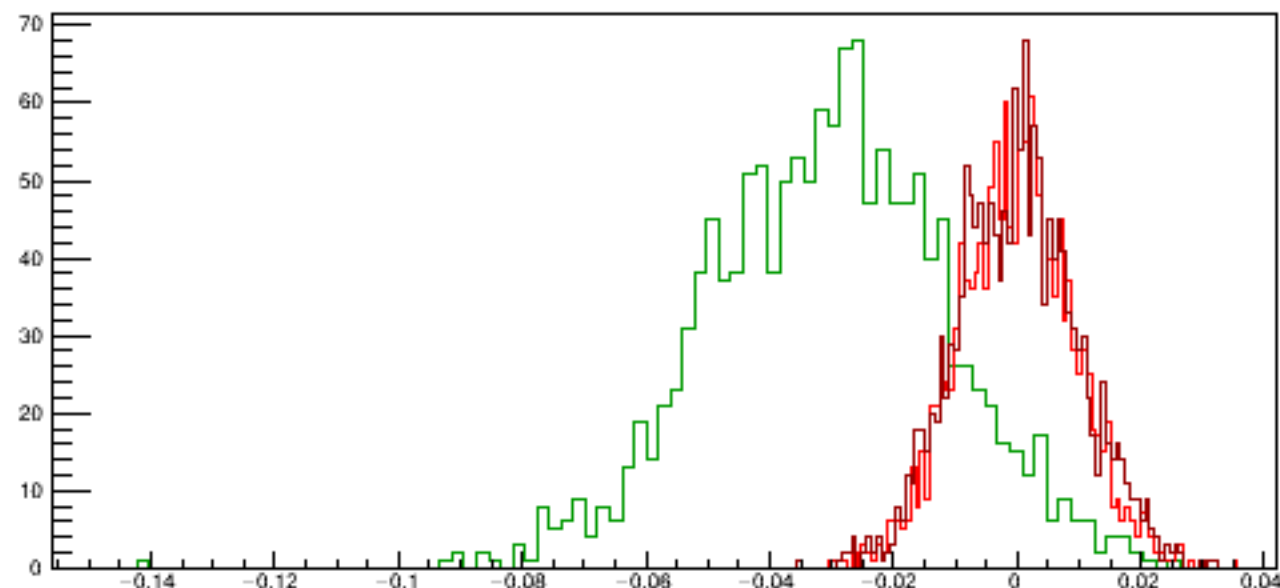
Std Dev: 0.0192 +/- 0.0004

Entries: 1613

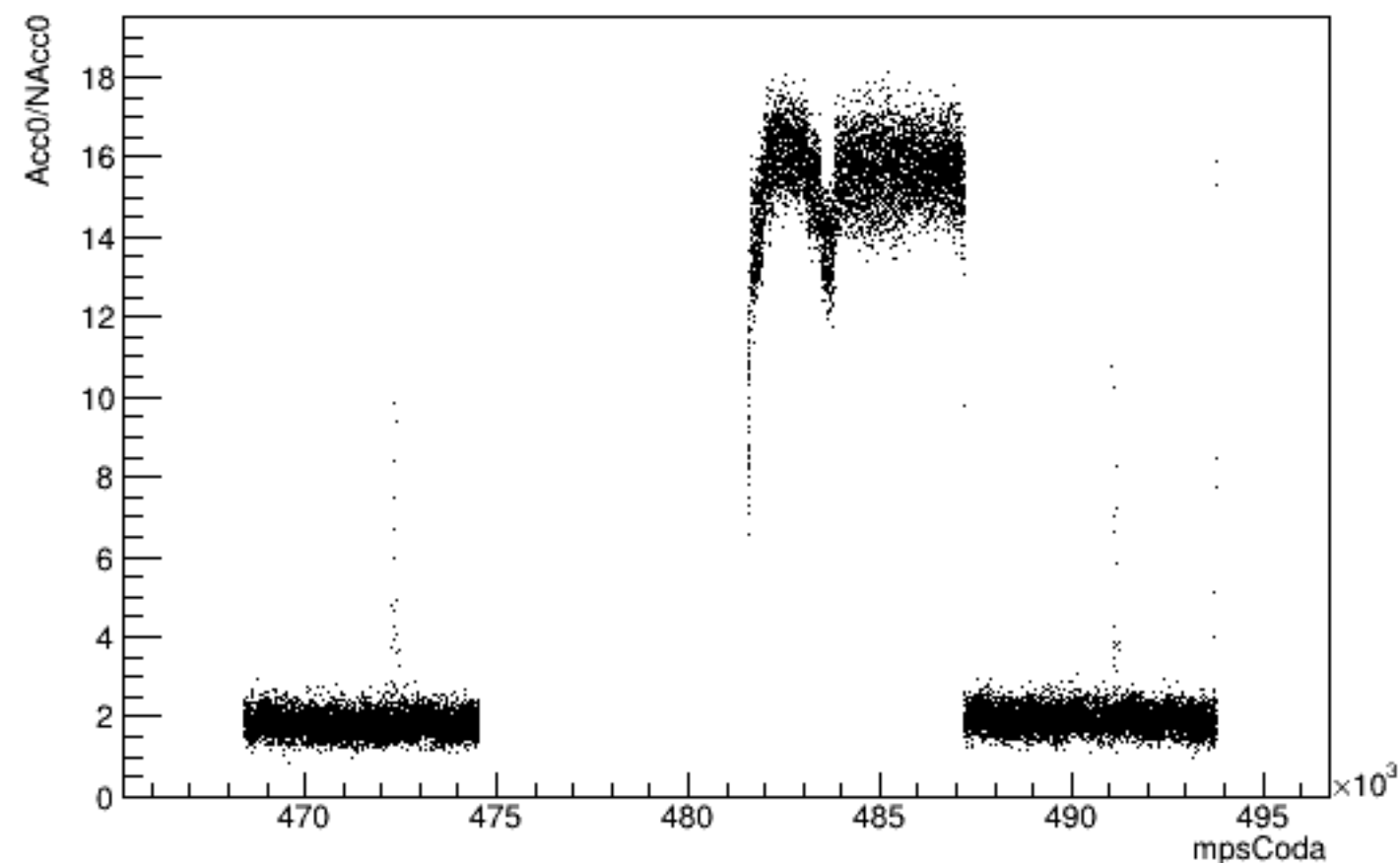
Mean: -0.0000 +/- 0.0002

Std Dev: 0.0098 +/- 0.0002

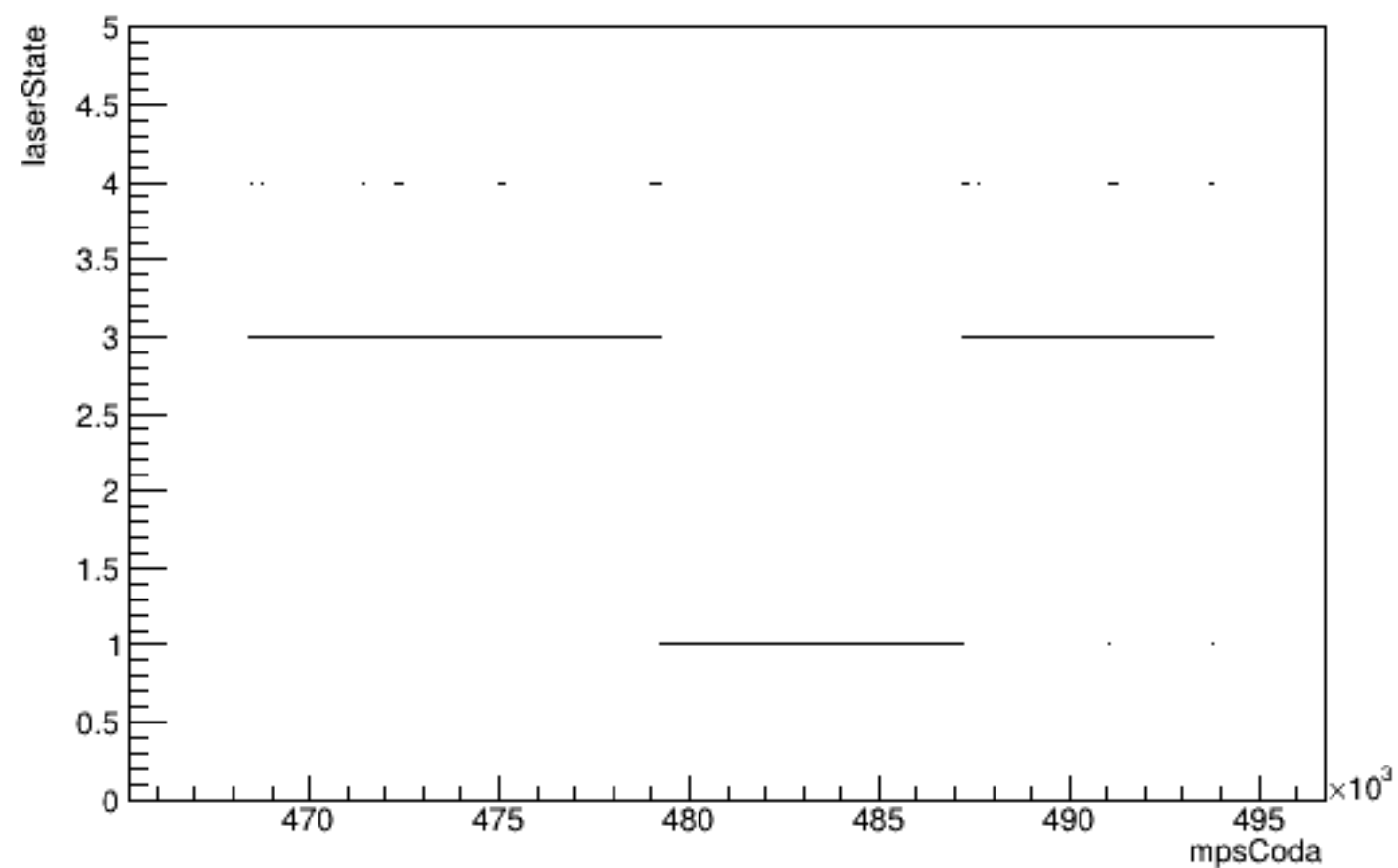
Run 5311 quartetwise, Asyms



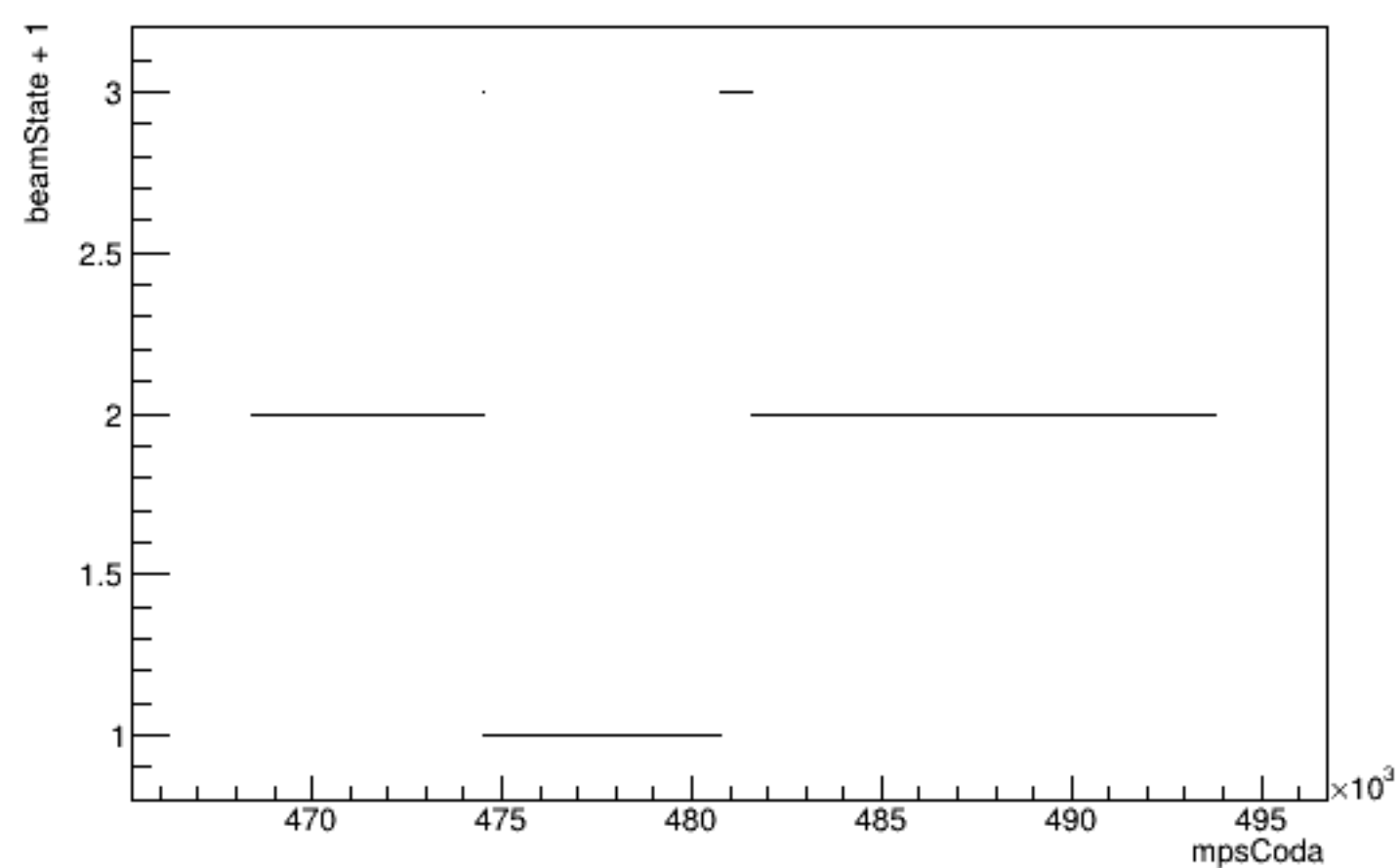
Acc0/NAcc0:mpsCoda (mpsCoda>=468419 && mpsCoda<=493786 && beamState==1)



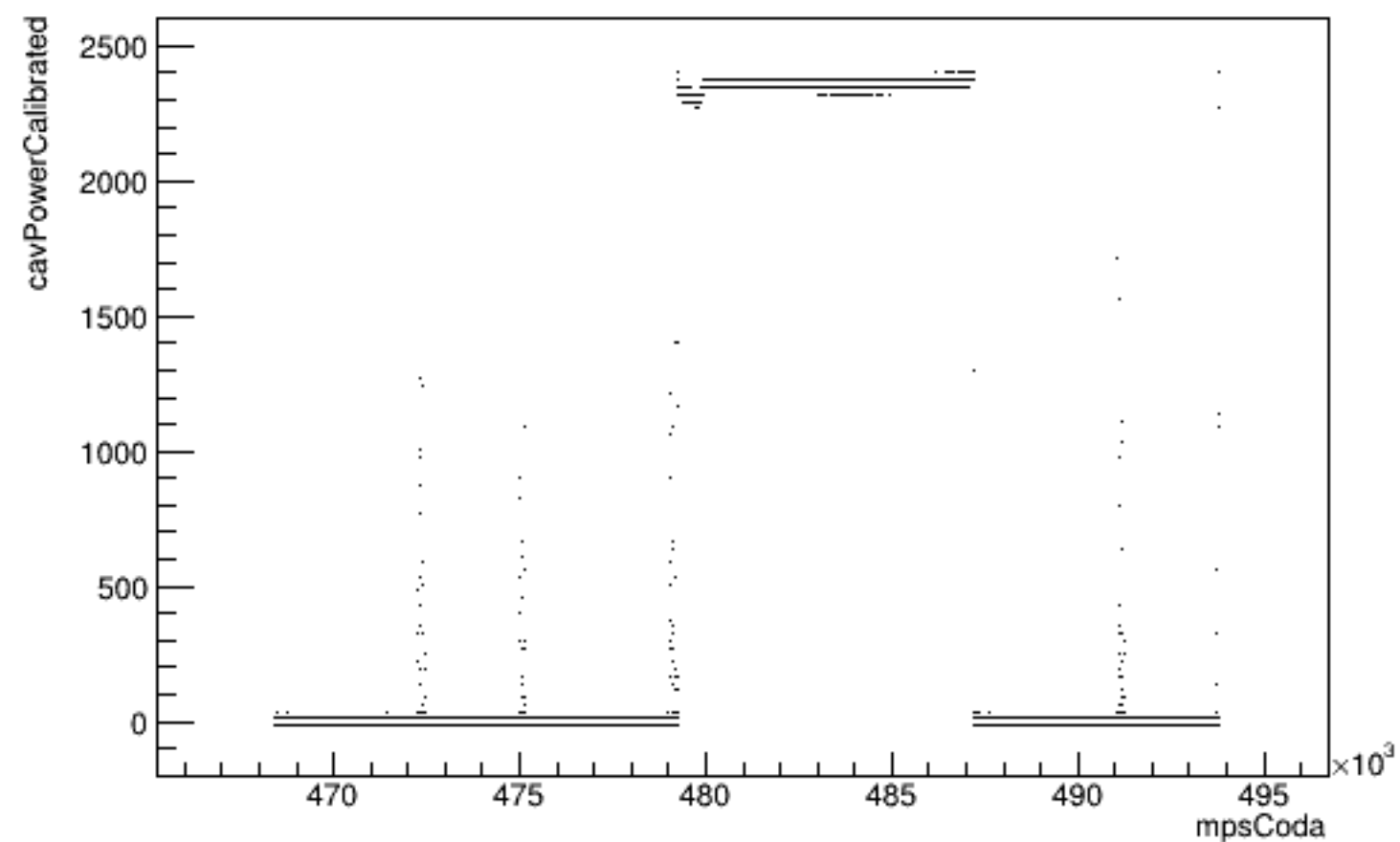
laserState:mpsCoda {mpsCoda>=468419 && mpsCoda<=493786}



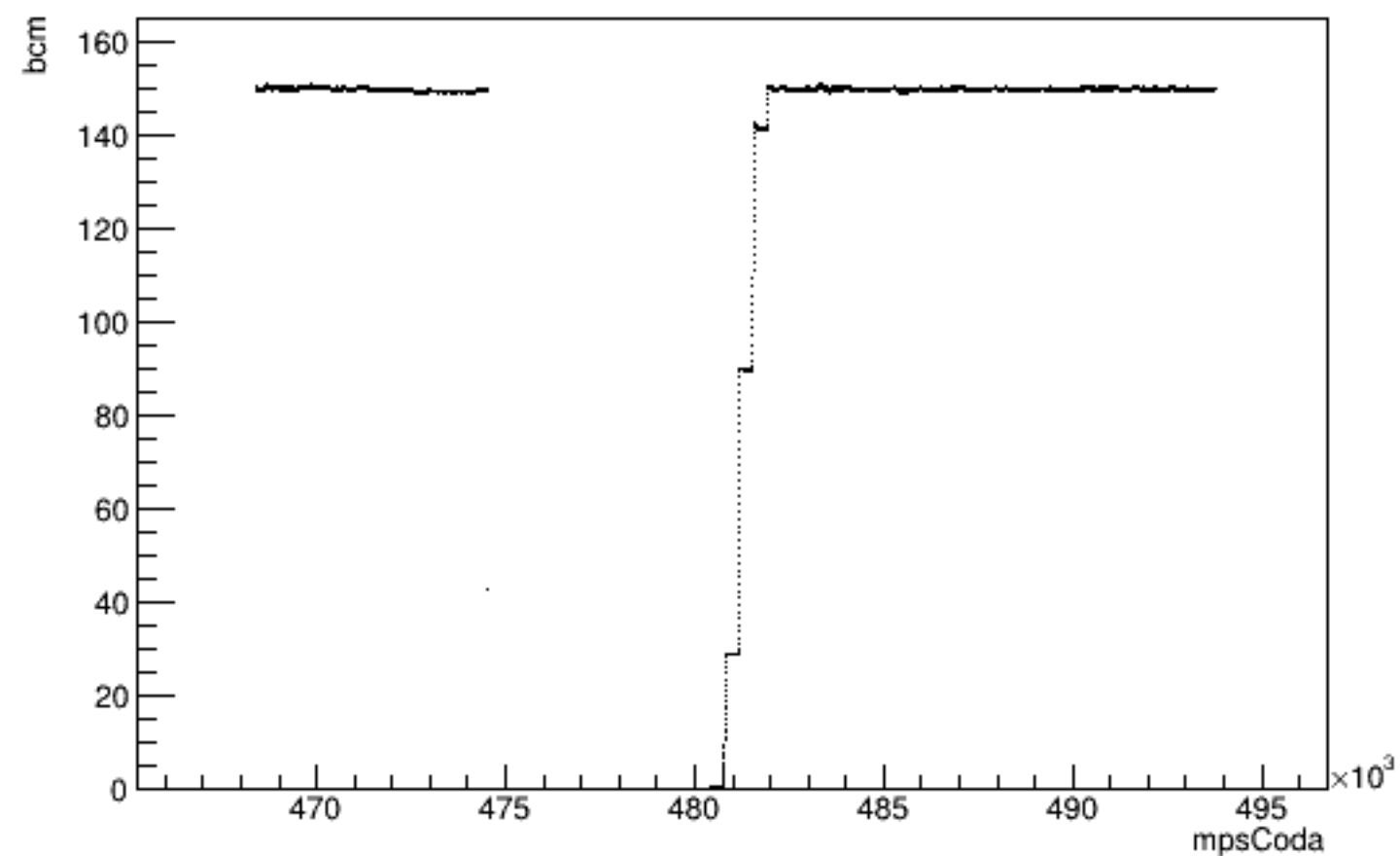
beamState + 1:mpsCoda {mpsCoda>=468419 && mpsCoda<=493786}



cavPowerCalibrated:mpsCoda {mpsCoda>=468419 && mpsCoda<=493786}



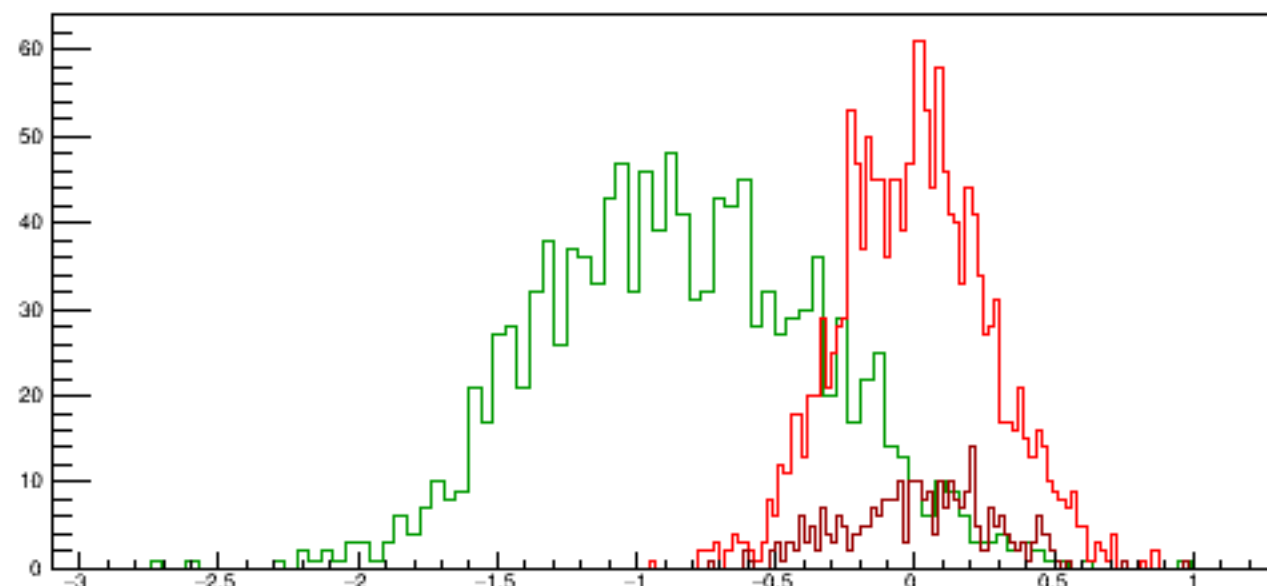
bcm:mpsCoda {mpsCoda>=468419 && mpsCoda<=493786}



Cycle 15, Diffs

Entries: 1613	Entries: 1252	Entries: 285
Mean: -0.0006 +/- 0.0066	Mean: -0.8432 +/- 0.0142	Mean: 0.0116 +/- 0.0158
Std Dev: 0.2669 +/- 0.0047	Std Dev: 0.5034 +/- 0.0101	Std Dev: 0.2662 +/- 0.0111

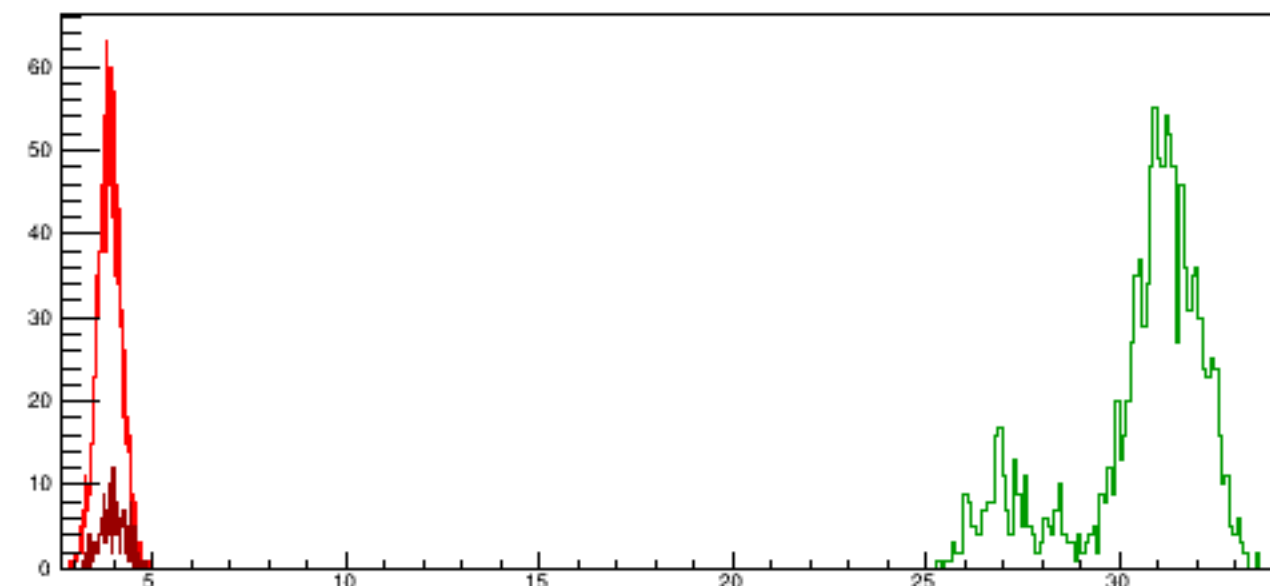
Run 5311 quartetwise, Diffs



Cycle 15, Sums

Entries: 1613	Entries: 1252	Entries: 285
Mean: 3.8796 +/- 0.0076	Mean: 30.5446 +/- 0.0491	Mean: 3.9896 +/- 0.0188
Std Dev: 0.3057 +/- 0.0054	Std Dev: 1.7356 +/- 0.0347	Std Dev: 0.3174 +/- 0.0133

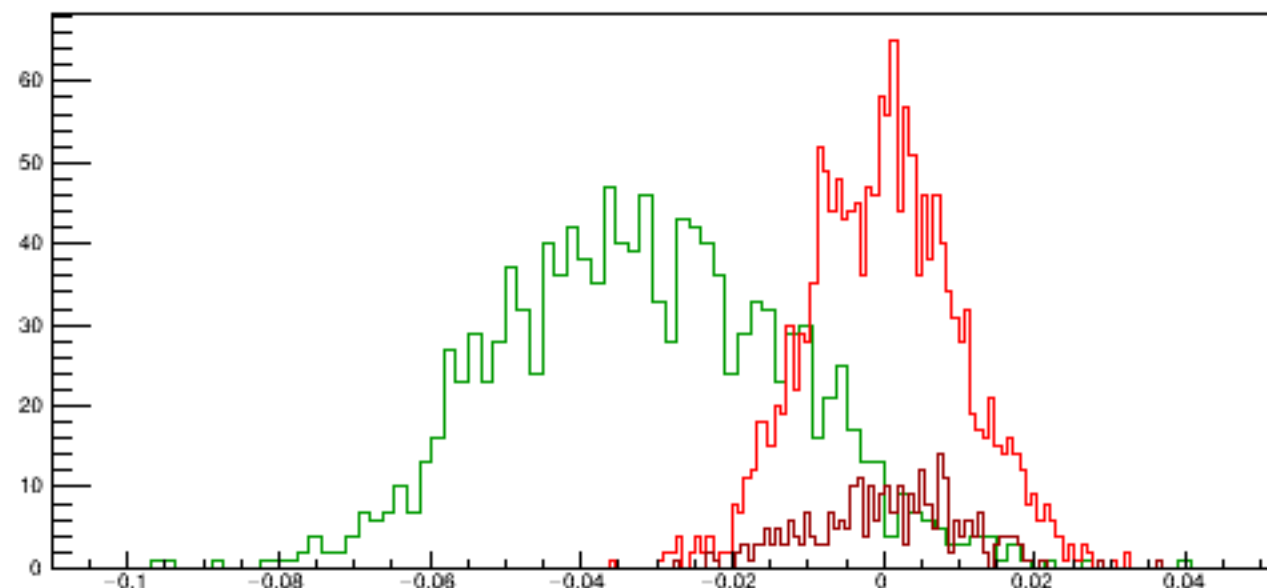
Run 5311 quartetwise, Sums



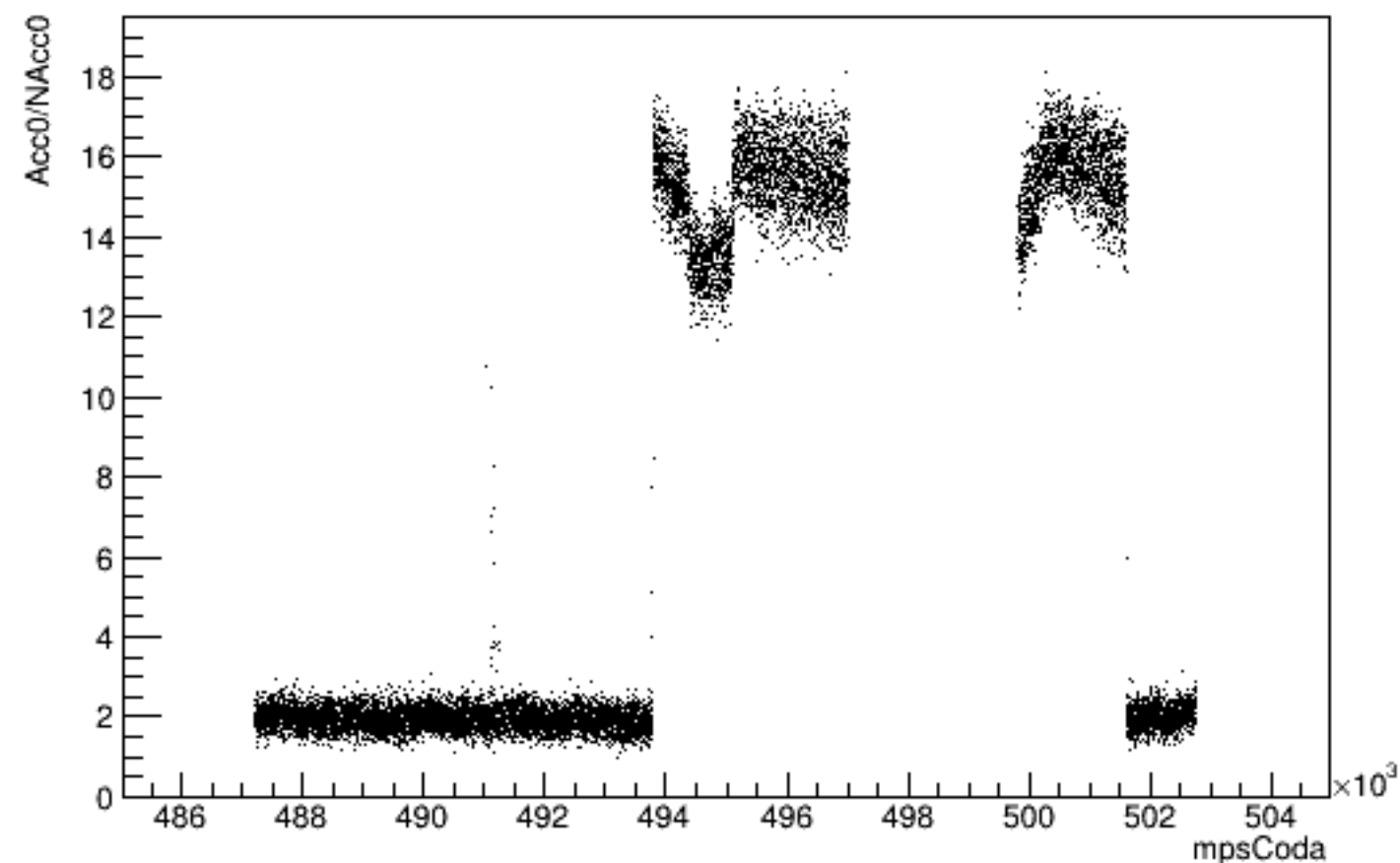
Cycle 15, Asyms

Entries: 1613	Entries: 1252	Entries: 285
Mean: -0.0000 +/- 0.0002	Mean: -0.0317 +/- 0.0005	Mean: 0.0004 +/- 0.0006
Std Dev: 0.0100 +/- 0.0002	Std Dev: 0.0189 +/- 0.0004	Std Dev: 0.0100 +/- 0.0004

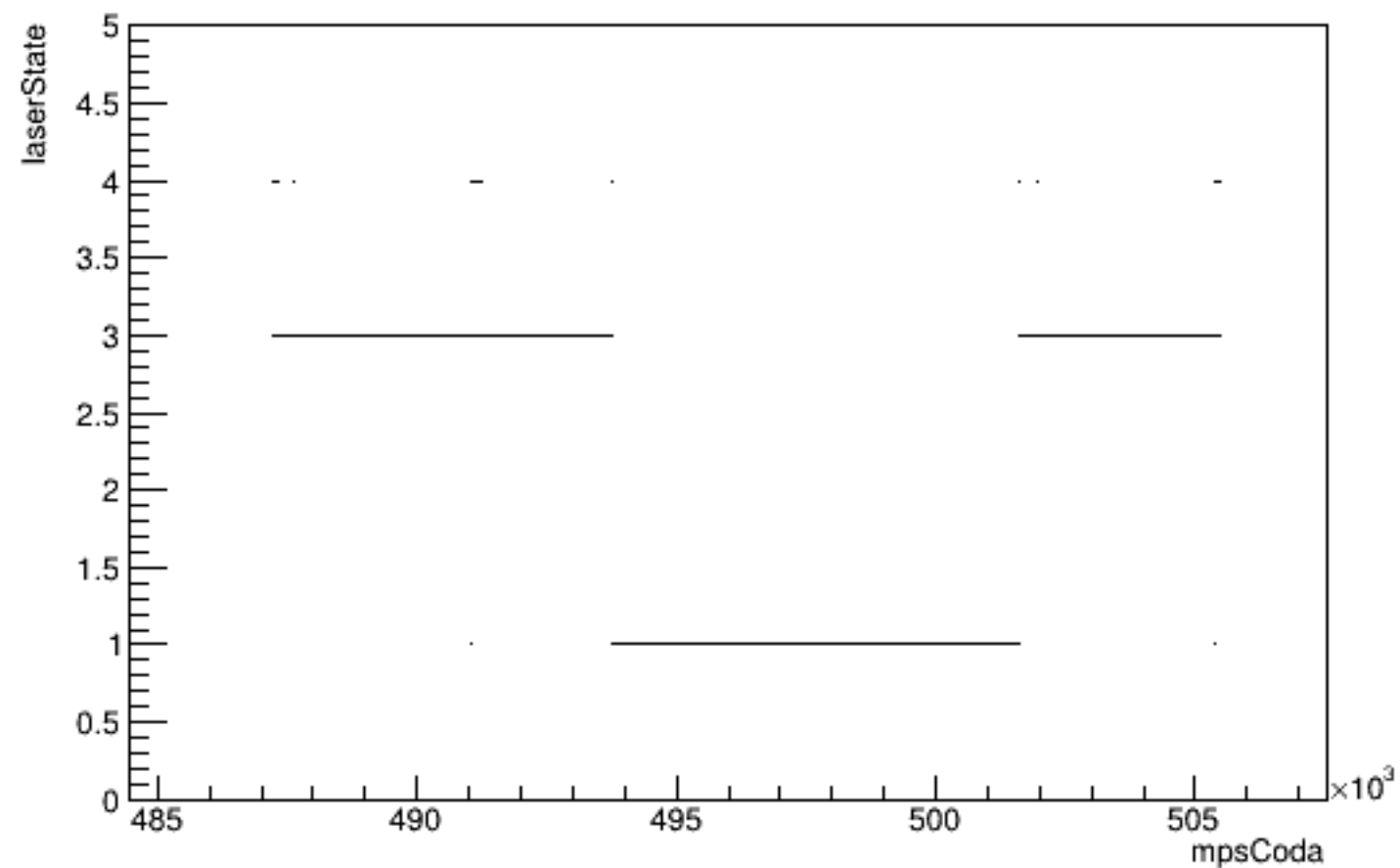
Run 5311 quartetwise, Asyms



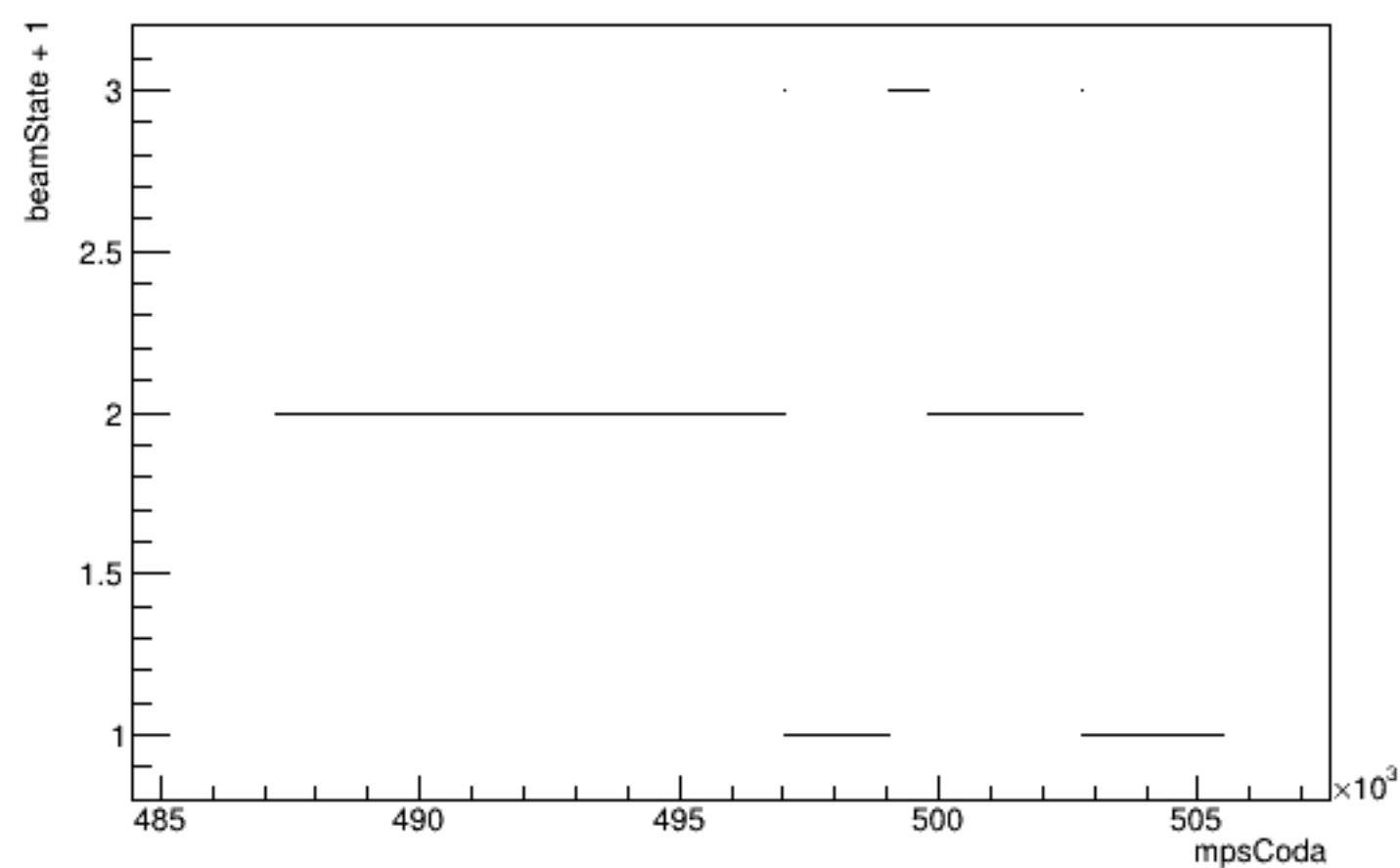
Acc0/NAcc0:mpsCoda (mpsCoda>=487207 && mpsCoda<=505470 && beamState==1)



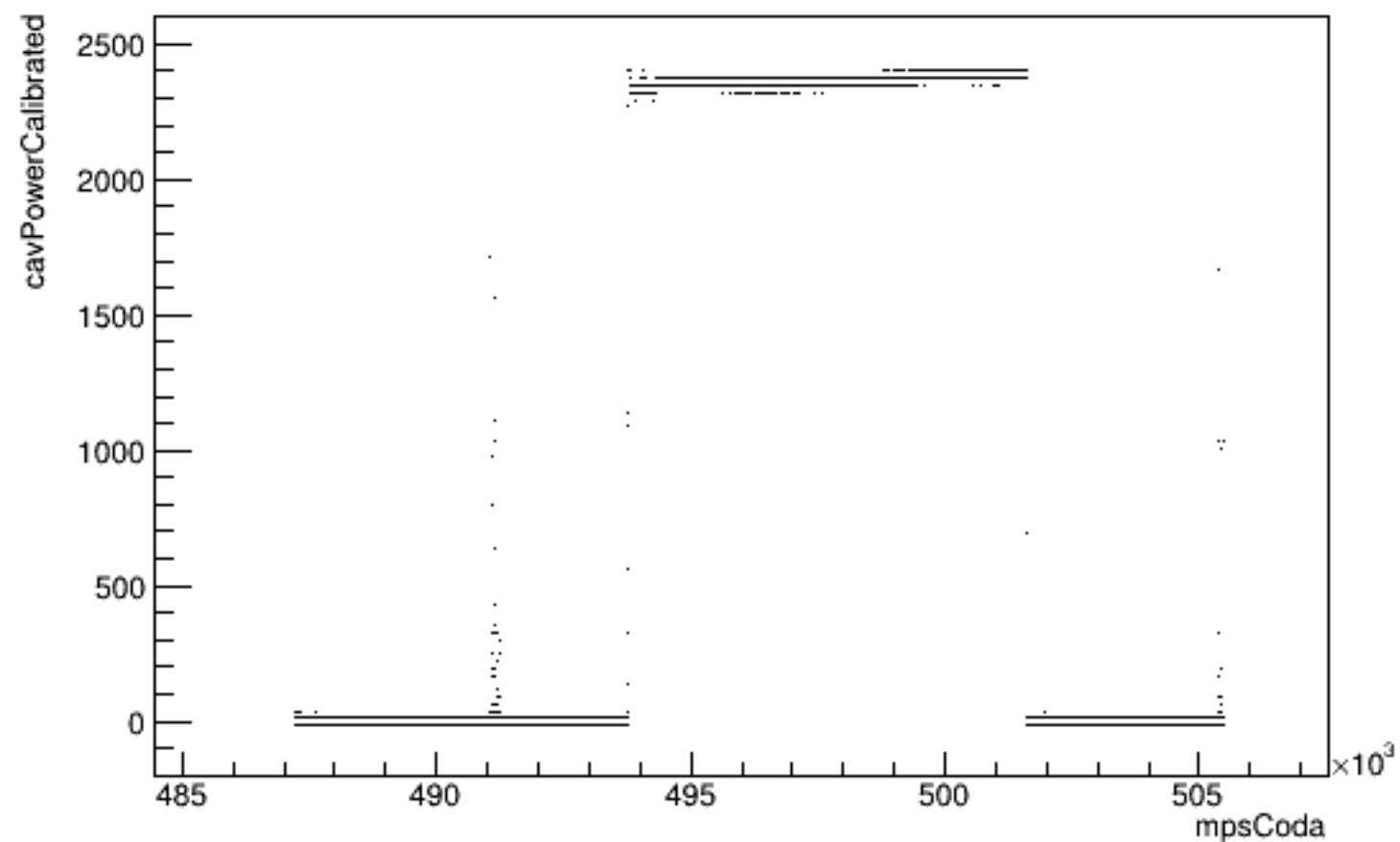
laserState:mpsCoda {mpsCoda>=487207 && mpsCoda<=505470}



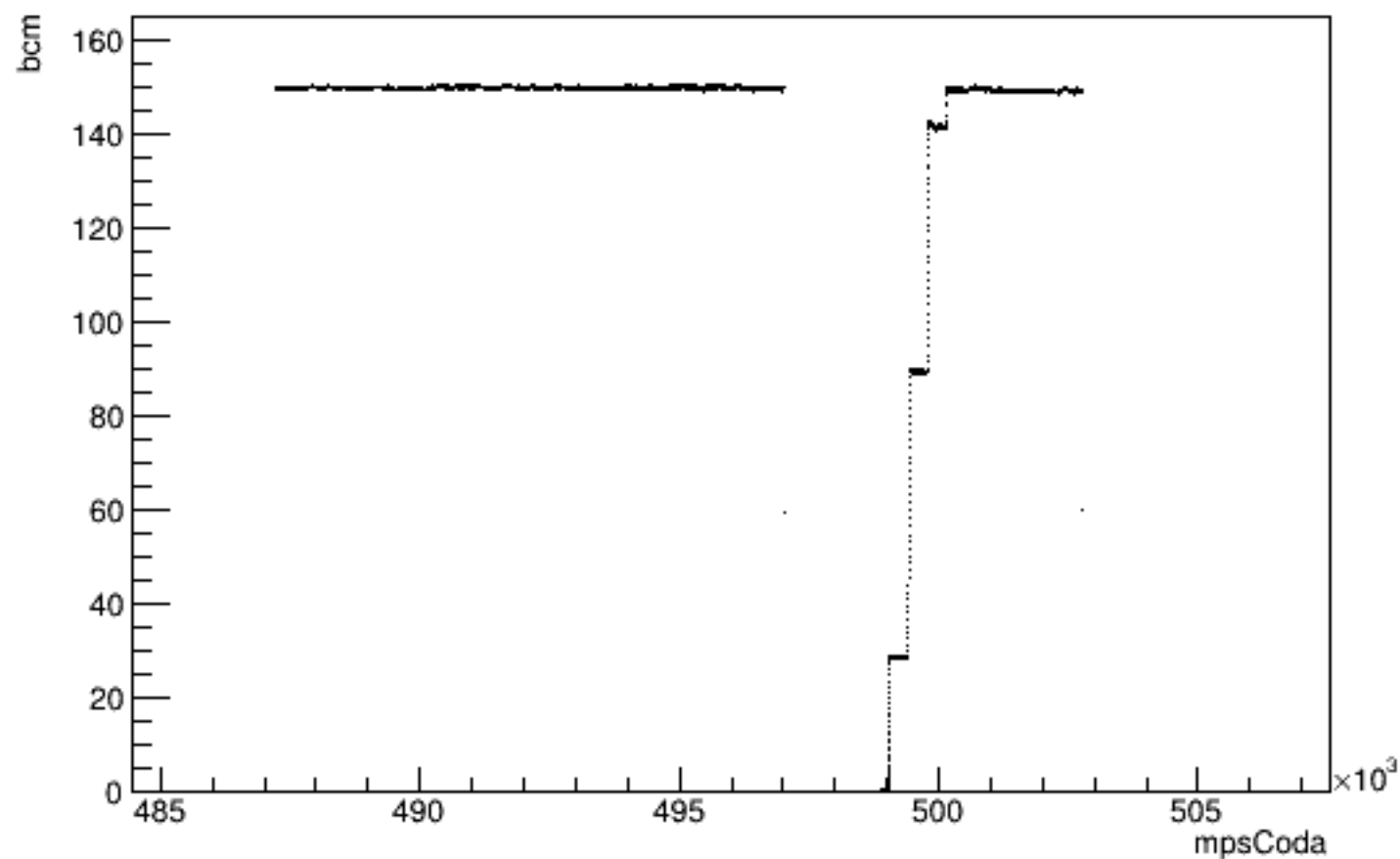
beamState + 1:mpsCoda {mpsCoda>=487207 && mpsCoda<=505470}



cavPowerCalibrated:mpsCoda {mpsCoda>=487207 && mpsCoda<=505470}



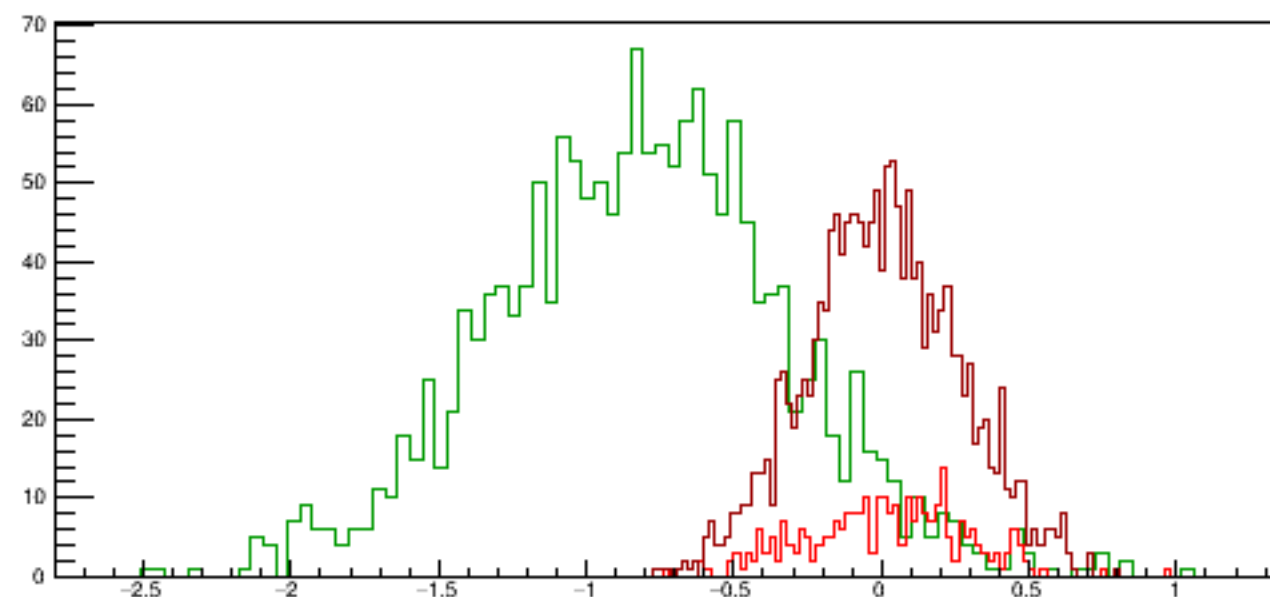
bcm:mpsCoda {mpsCoda>=487207 && mpsCoda<=505470}



Cycle 16, Diffs

Entries: 285	Entries: 1663	Entries: 1611
Mean: 0.0116 +/- 0.0158	Mean: -0.8162 +/- 0.0123	Mean: 0.0049 +/- 0.0064
Std Dev: 0.2662 +/- 0.0111	Std Dev: 0.4998 +/- 0.0087	Std Dev: 0.2571 +/- 0.0045

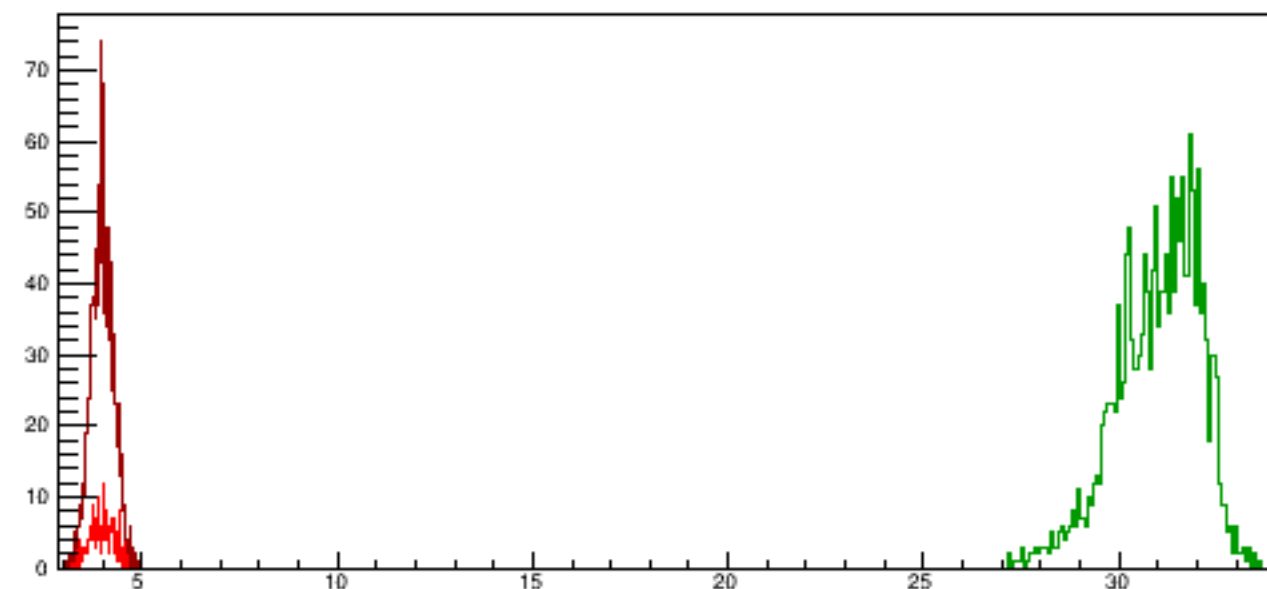
Run 5311 quartetwise, Diffs



Cycle 16, Sums

Entries: 285	Entries: 1663	Entries: 1611
Mean: 3.9896 +/- 0.0188	Mean: 30.9936 +/- 0.0263	Mean: 3.9855 +/- 0.0071
Std Dev: 0.3174 +/- 0.0133	Std Dev: 1.0733 +/- 0.0186	Std Dev: 0.2860 +/- 0.0050

Run 5311 quartetwise, Sums

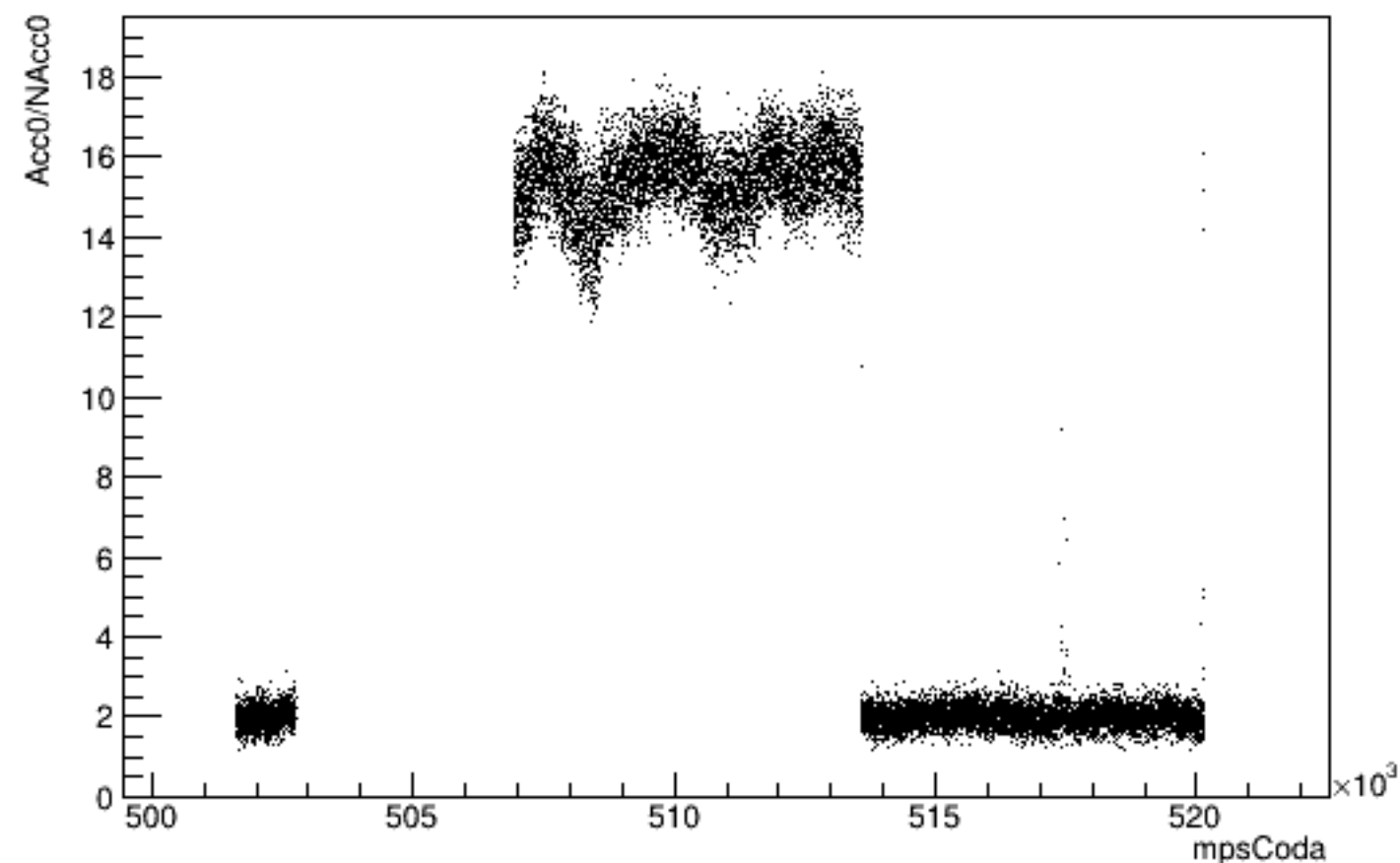
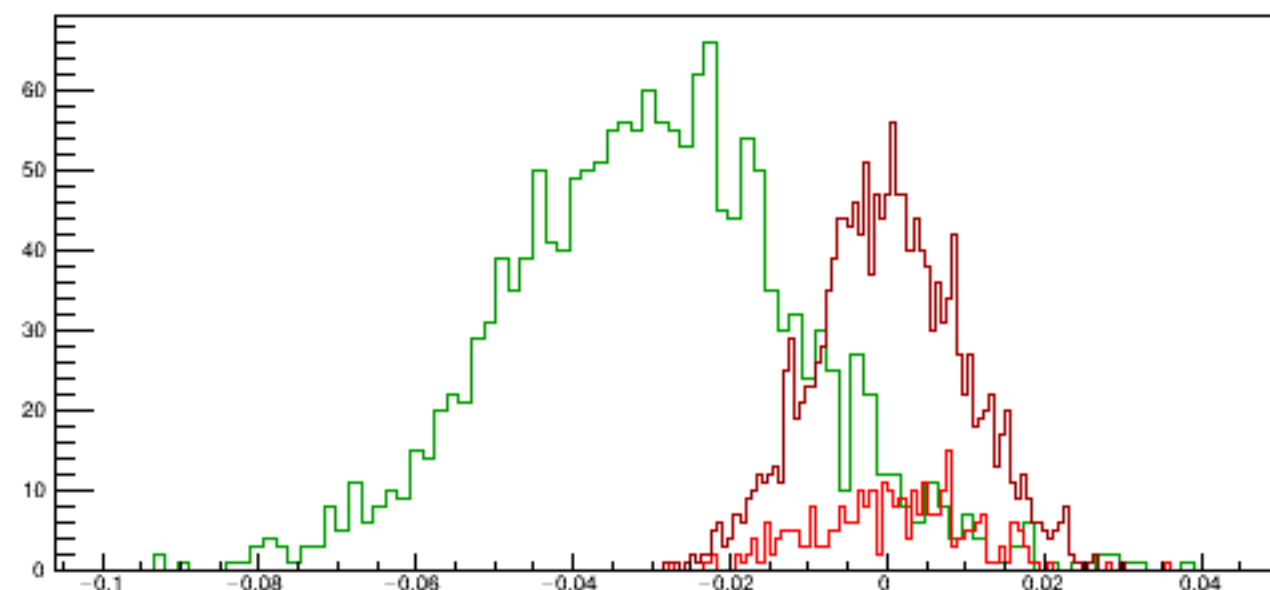


Acc0/NAcc0:mpsCoda (mpsCoda>=501611 && mpsCoda<=520142 && beamState==1)

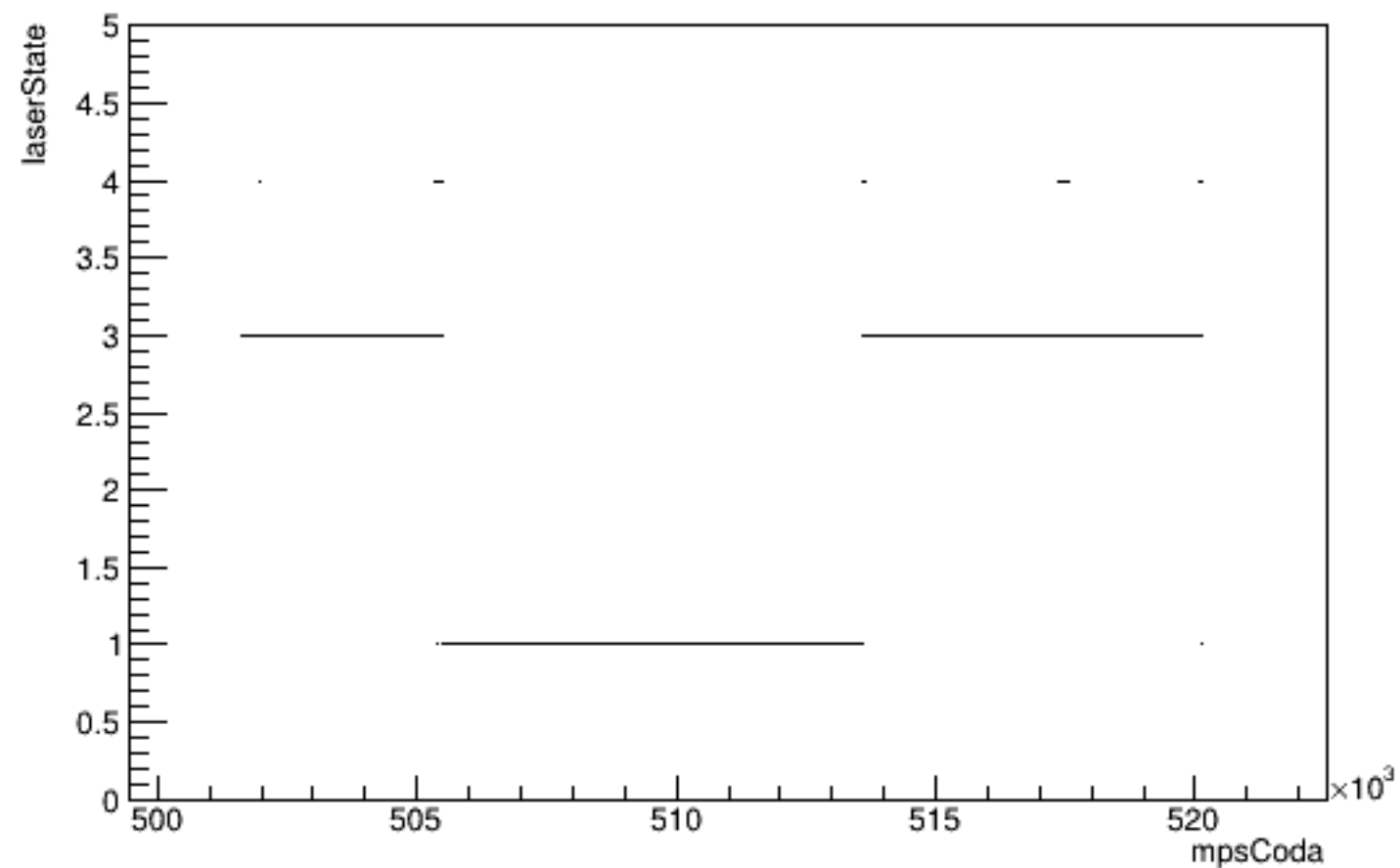
Cycle 16, Asyms

Entries: 285	Entries: 1663	Entries: 1611
Mean: 0.0004 +/- 0.0006	Mean: -0.0302 +/- 0.0005	Mean: 0.0002 +/- 0.0002
Std Dev: 0.0099 +/- 0.0004	Std Dev: 0.0185 +/- 0.0003	Std Dev: 0.0095 +/- 0.0002

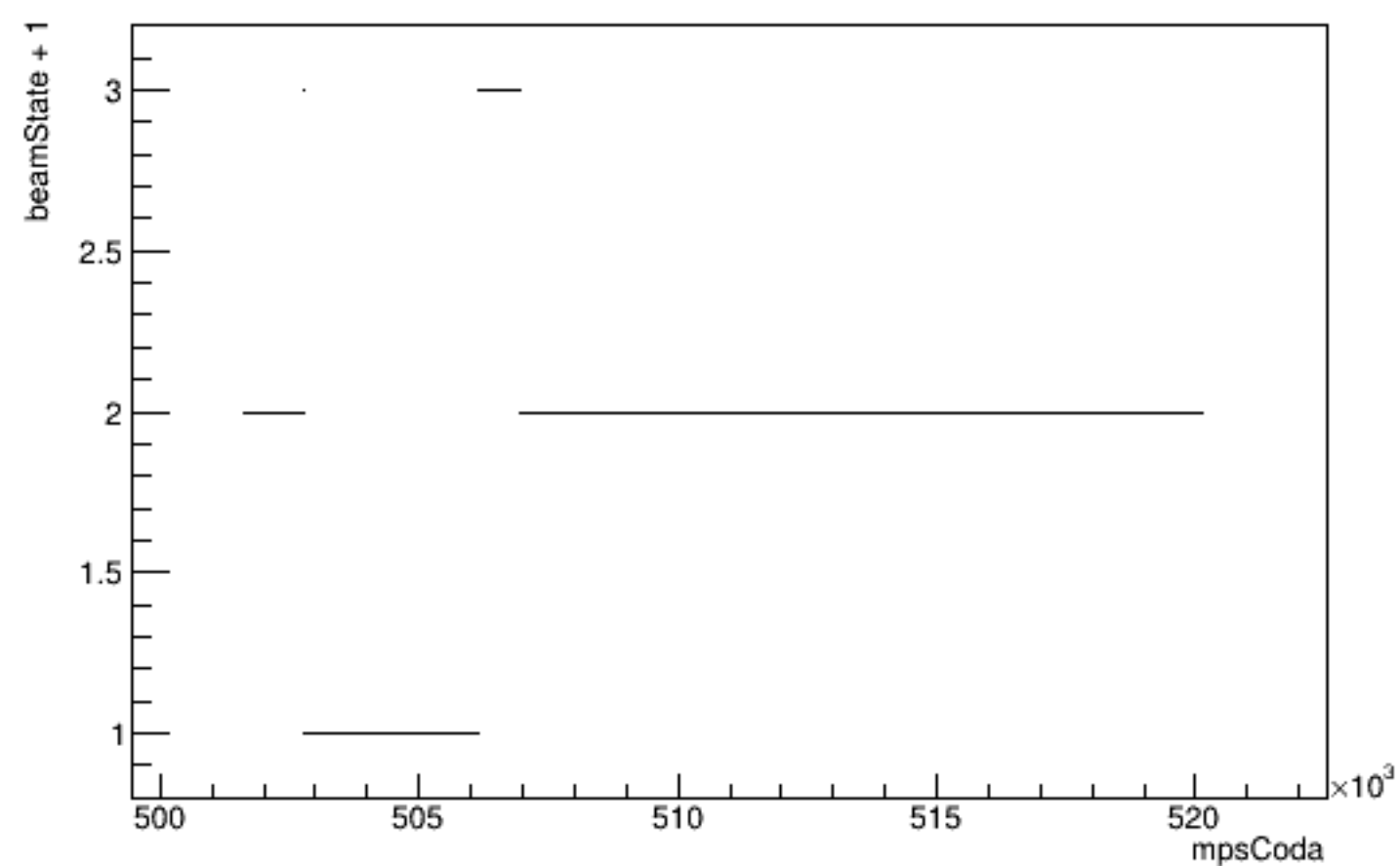
Run 5311 quartetwise, Asyms



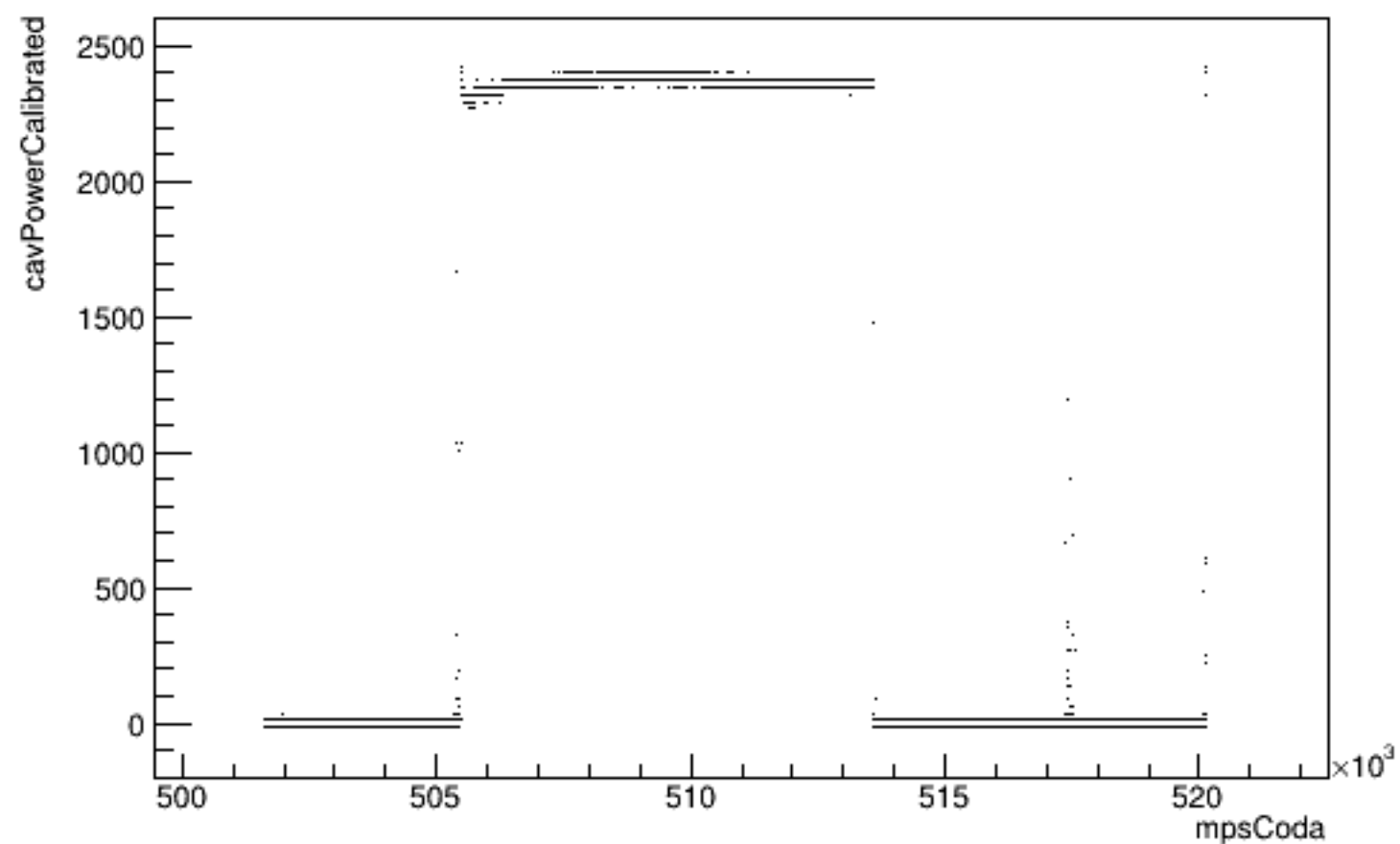
laserState:mpsCoda {mpsCoda>=501611 && mpsCoda<=520142}



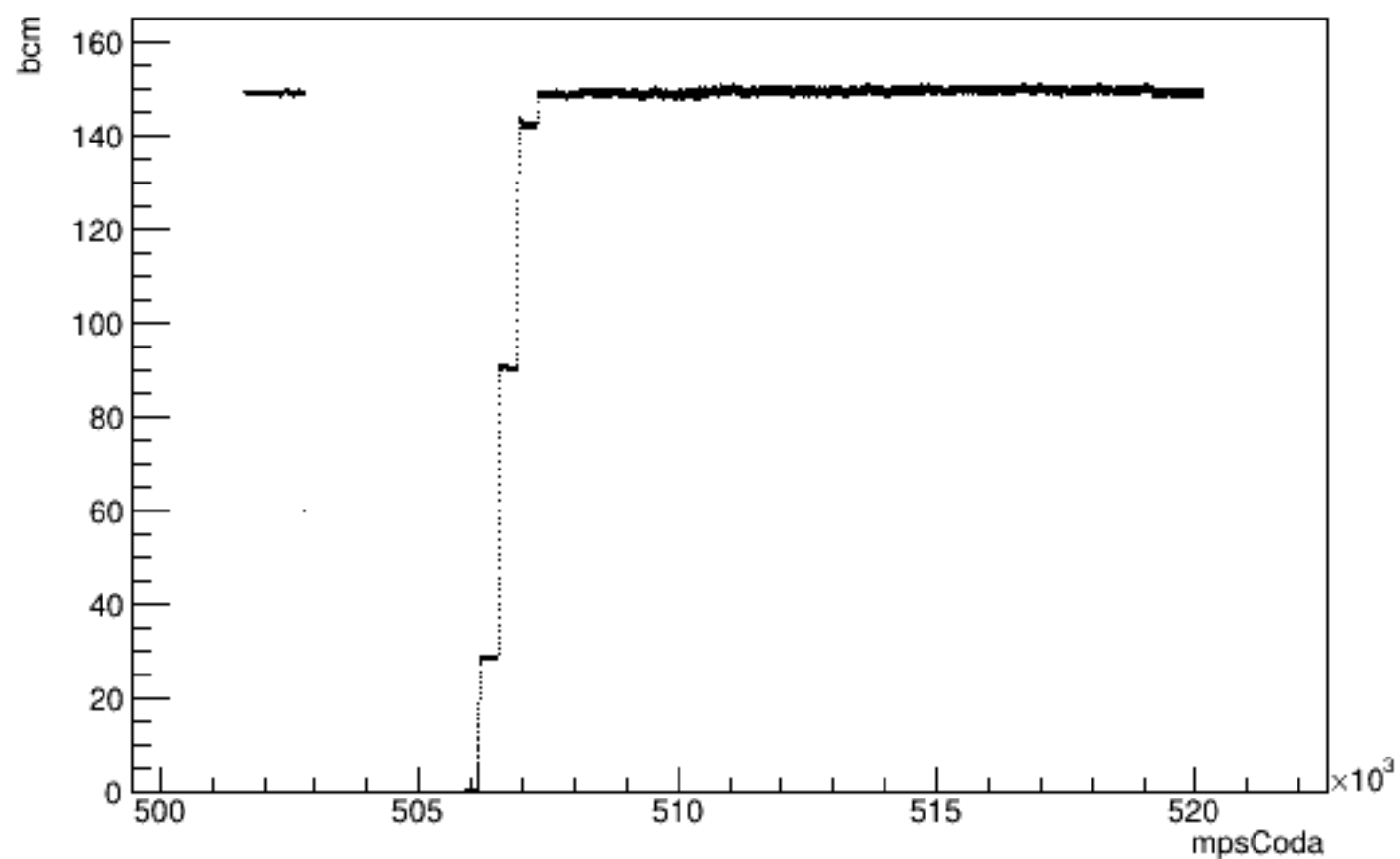
beamState + 1:mpsCoda {mpsCoda>=501611 && mpsCoda<=520142}



cavPowerCalibrated:mpsCoda {mpsCoda>=501611 && mpsCoda<=520142}



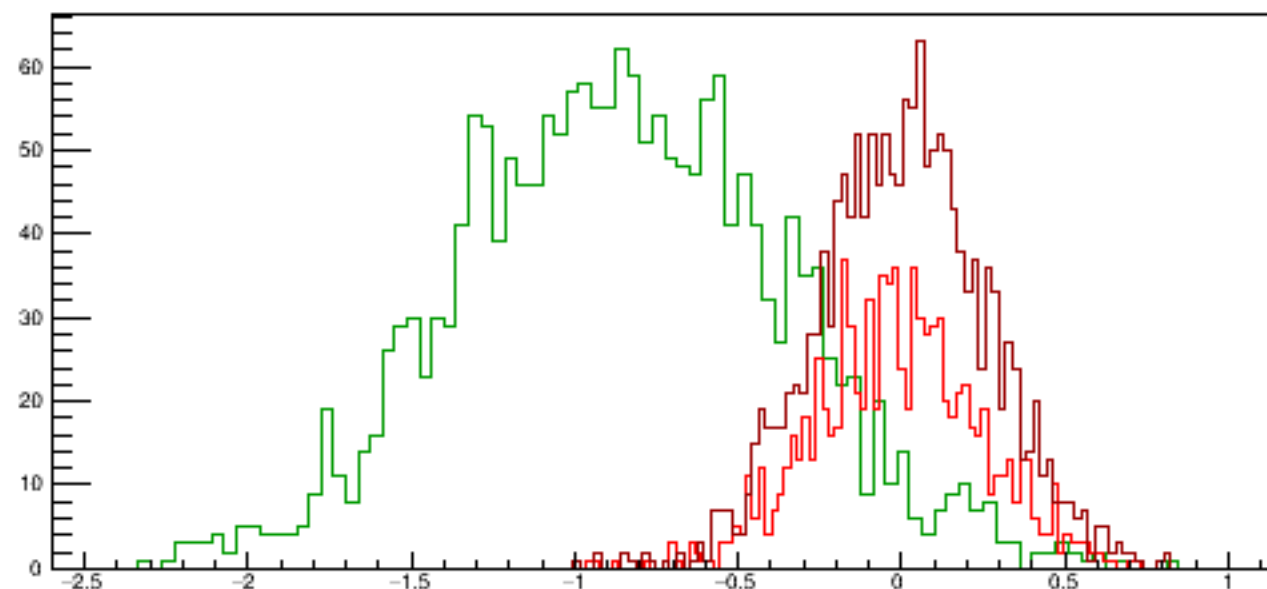
bcm:mpsCoda {mpsCoda>=501611 && mpsCoda<=520142}



Cycle 17, Diffs

Entries: 944	Entries: 1927	Entries: 1617
Mean: -0.0158 +/- 0.0083	Mean: -0.8591 +/- 0.0113	Mean: 0.0039 +/- 0.0065
Std Dev: 0.2556 +/- 0.0059	Std Dev: 0.4946 +/- 0.0080	Std Dev: 0.2615 +/- 0.0046

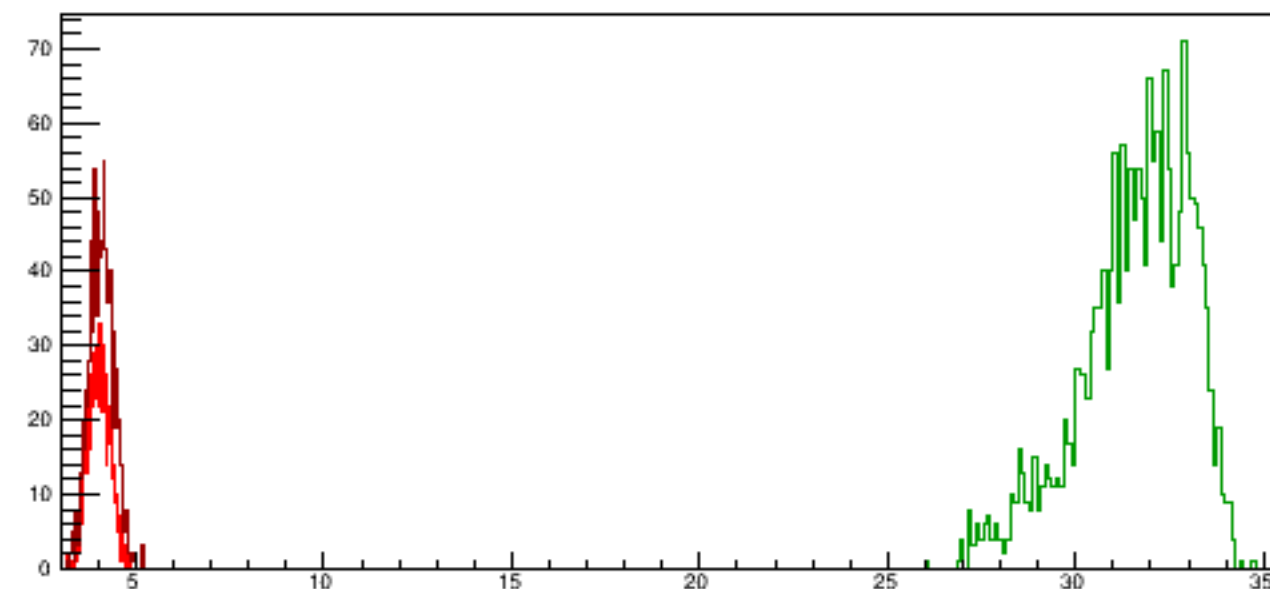
Run 5311 quartetwise, Diffs



Cycle 17, Sums

Entries: 944	Entries: 1927	Entries: 1617
Mean: 4.0283 +/- 0.0093	Mean: 31.5813 +/- 0.0341	Mean: 4.0959 +/- 0.0079
Std Dev: 0.2856 +/- 0.0066	Std Dev: 1.4967 +/- 0.0241	Std Dev: 0.3189 +/- 0.0056

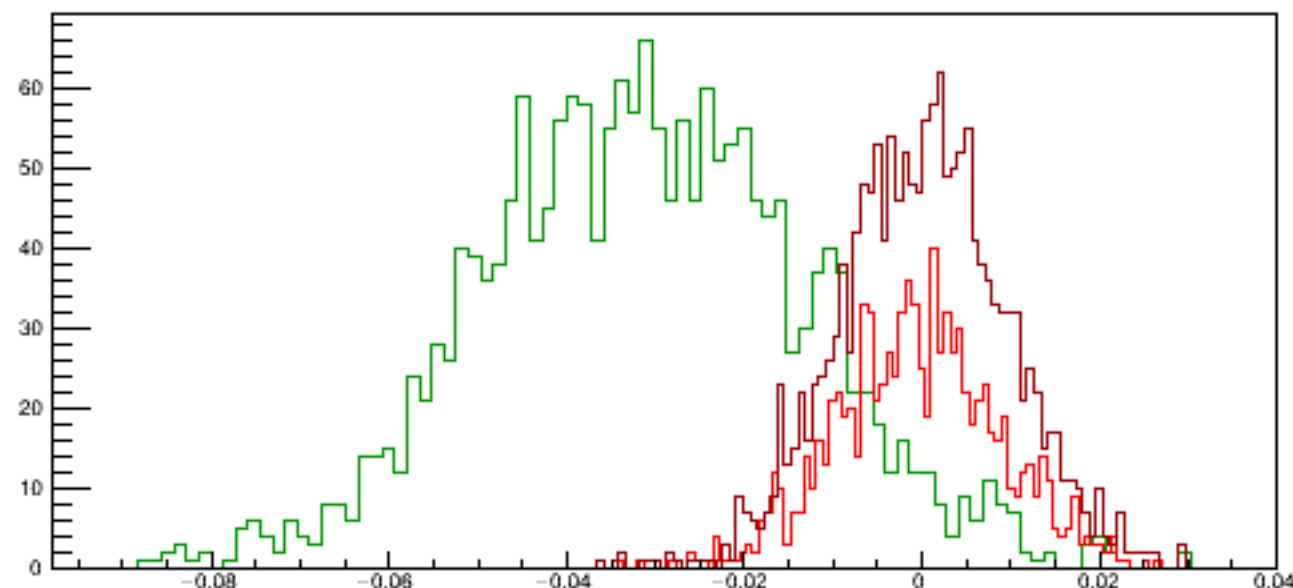
Run 5311 quartetwise, Sums



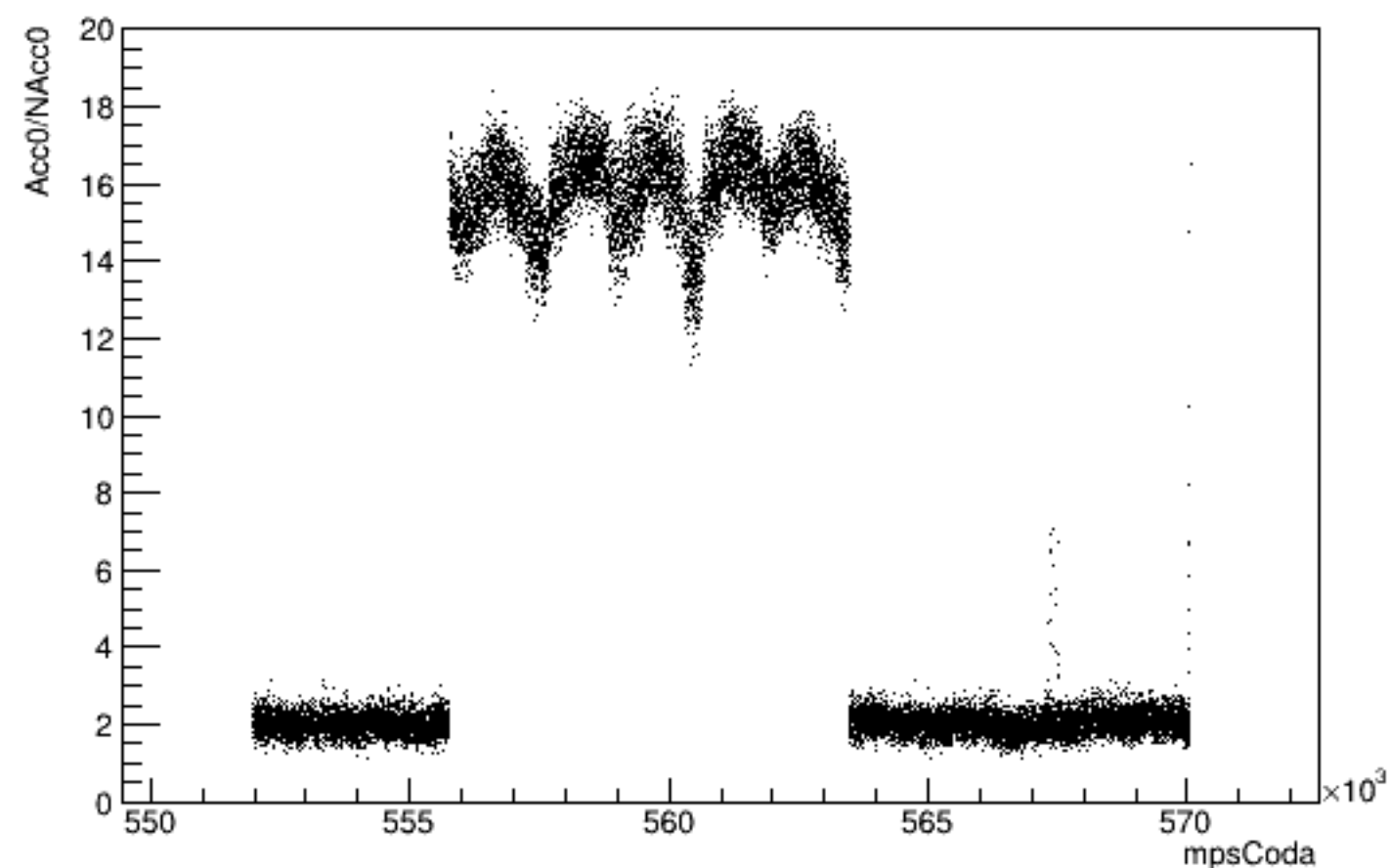
Cycle 17, Asyms

Entries: 944	Entries: 1927	Entries: 1617
Mean: -0.0006 +/- 0.0003	Mean: -0.0312 +/- 0.0004	Mean: 0.0001 +/- 0.0002
Std Dev: 0.0093 +/- 0.0002	Std Dev: 0.0181 +/- 0.0003	Std Dev: 0.0095 +/- 0.0002

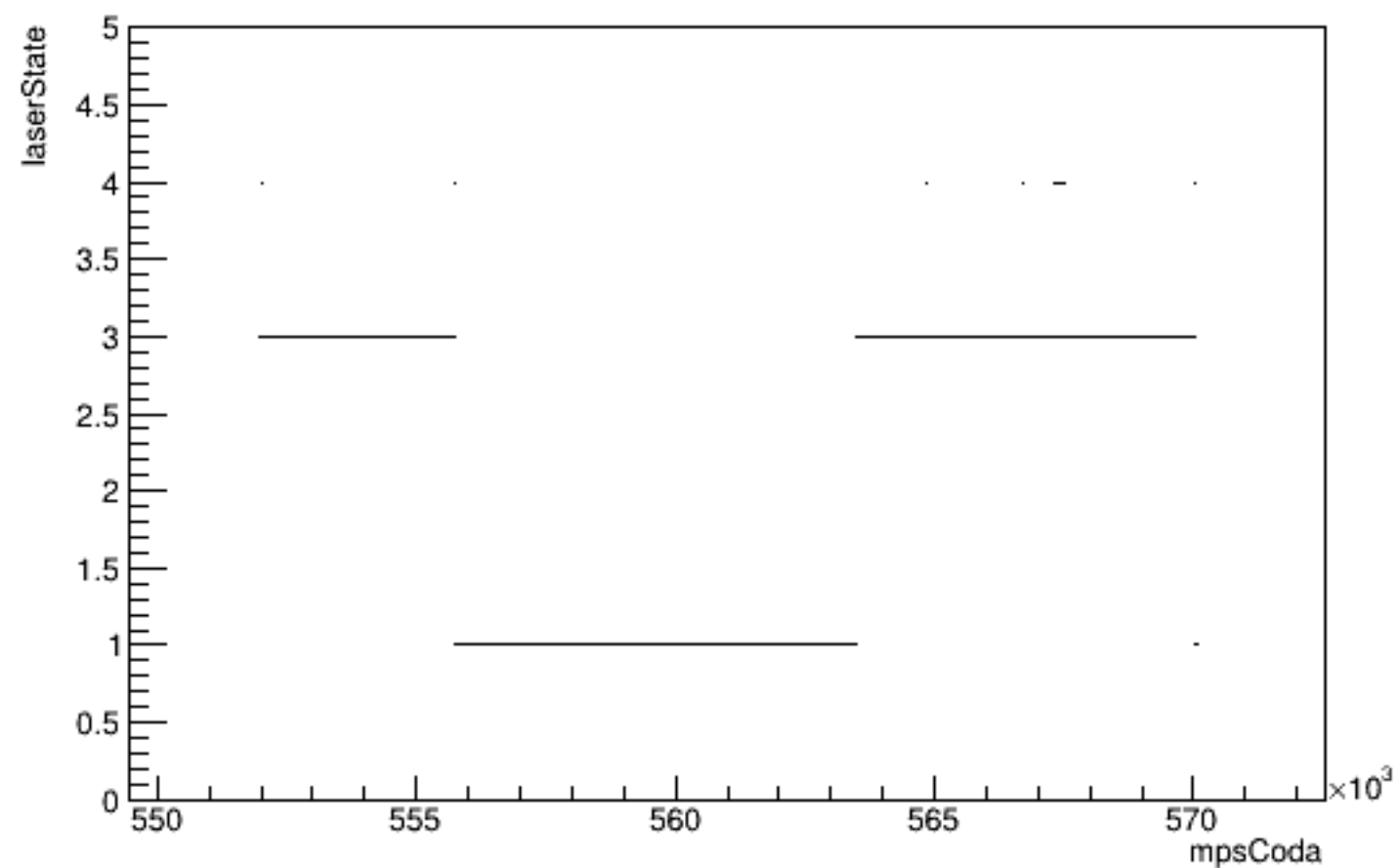
Run 5311 quartetwise, Asyms



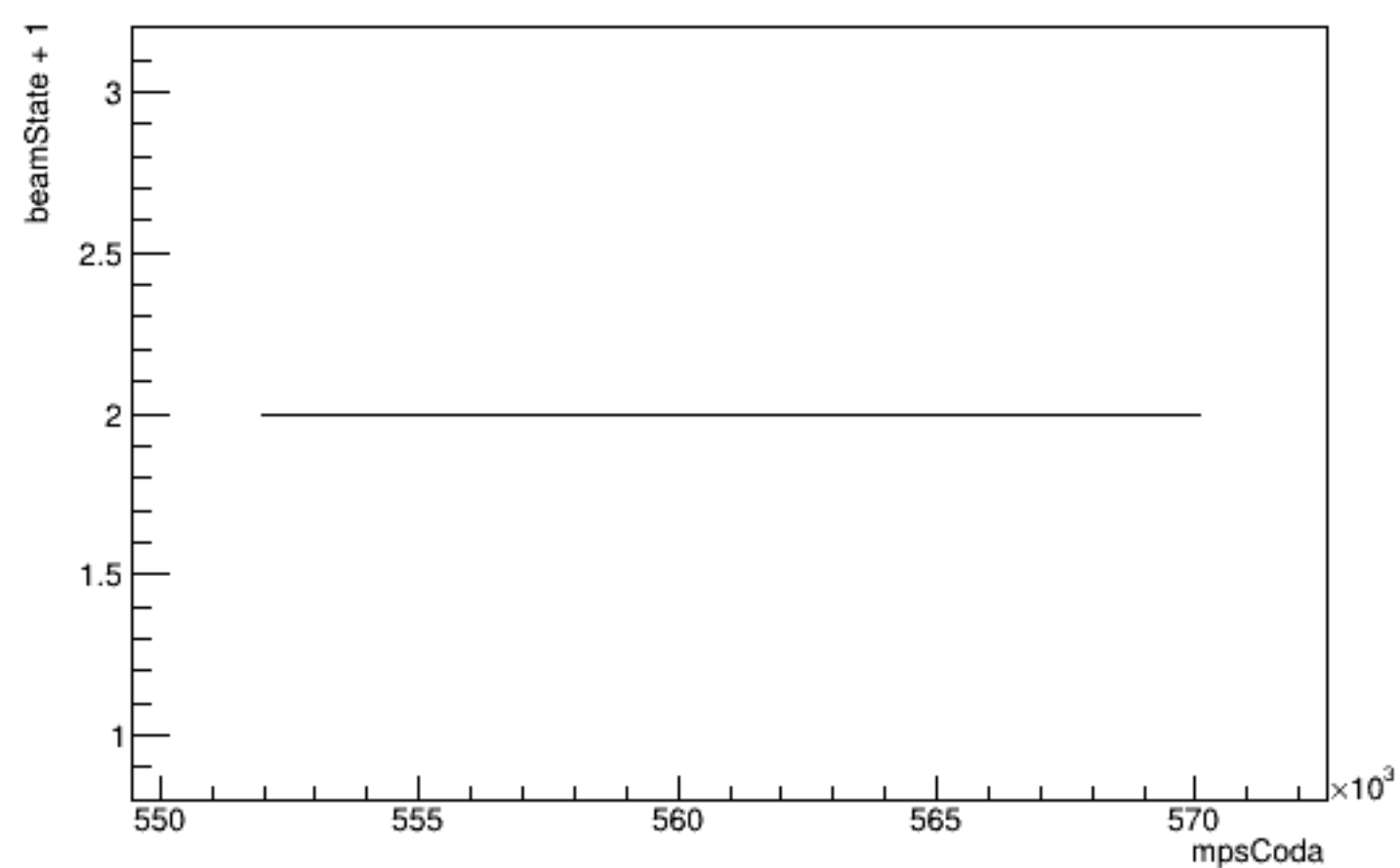
Acc0/NAcc0:mpsCoda (mpsCoda>=551979 && mpsCoda<=570054 && beamState==1)



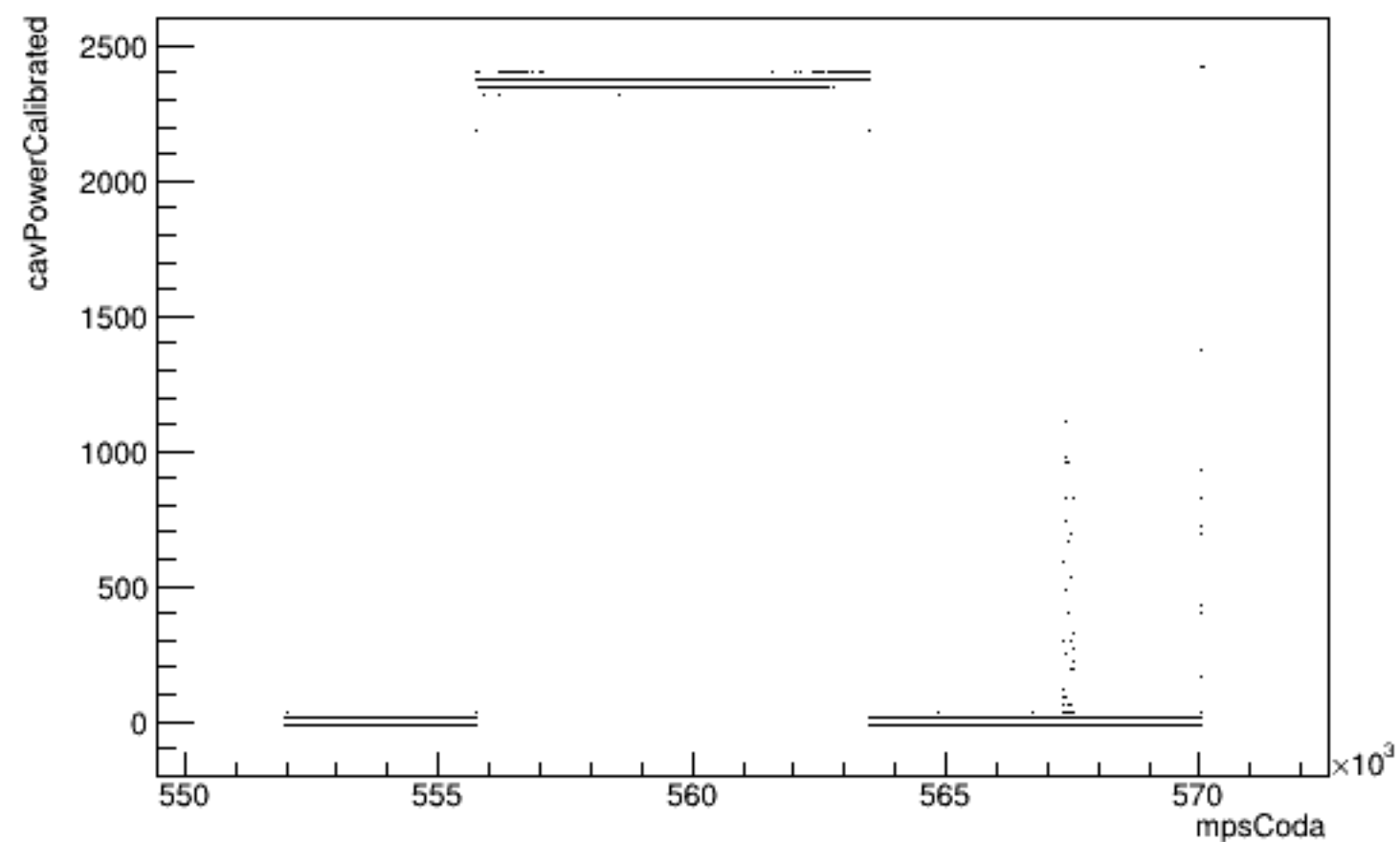
laserState:mpsCoda {mpsCoda>=551979 && mpsCoda<=570054}



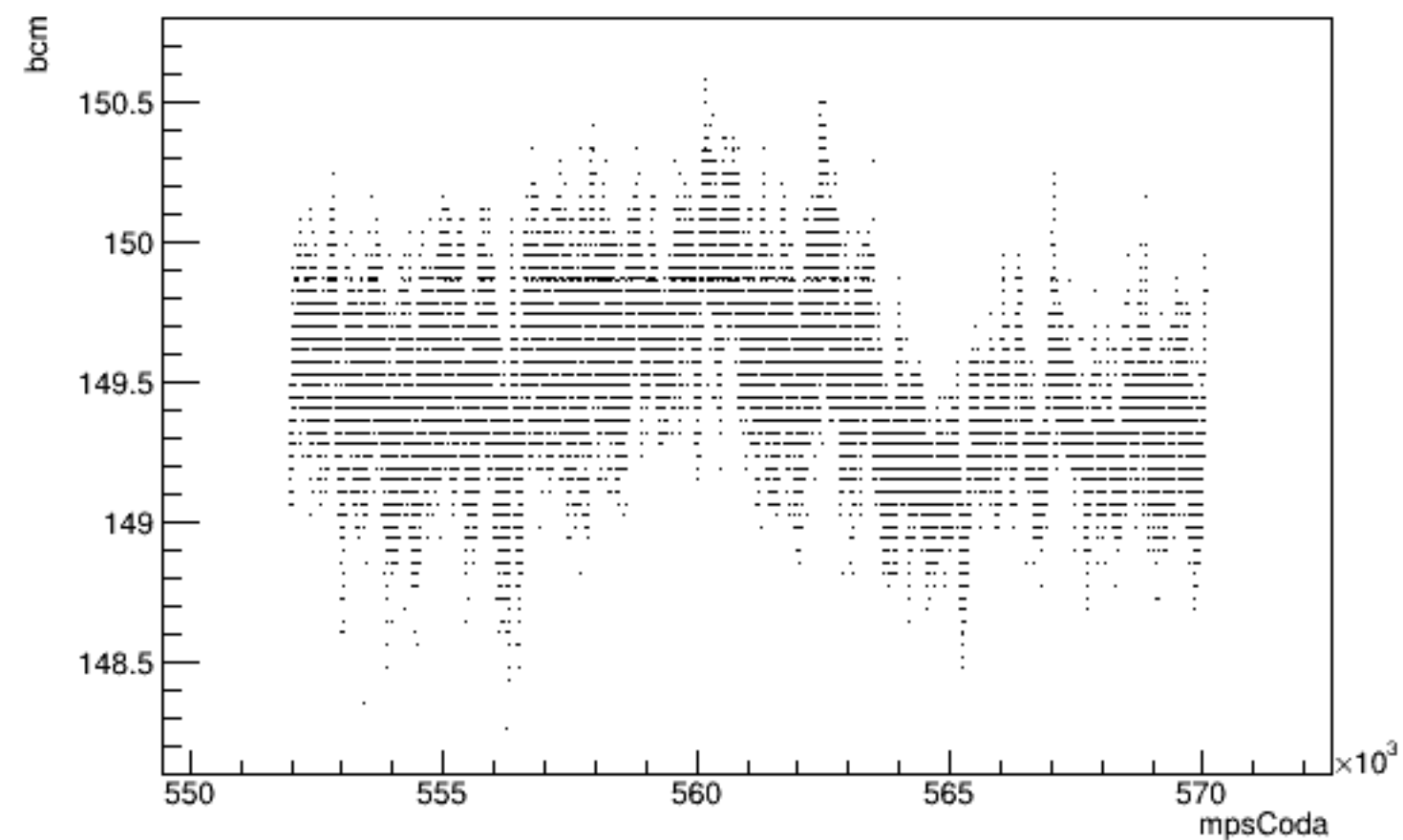
beamState + 1:mpsCoda {mpsCoda>=551979 && mpsCoda<=570054}



cavPowerCalibrated:mpsCoda {mpsCoda>=551979 && mpsCoda<=570054}



bcm:mpsCoda {mpsCoda>=551979 && mpsCoda<=570054}



Cycle 18, Diffs

Entries: 1617

Mean: 0.0039 +/- 0.0065

Std Dev: 0.2615 +/- 0.0046

Entries: 1959

Mean: -0.8592 +/- 0.0116

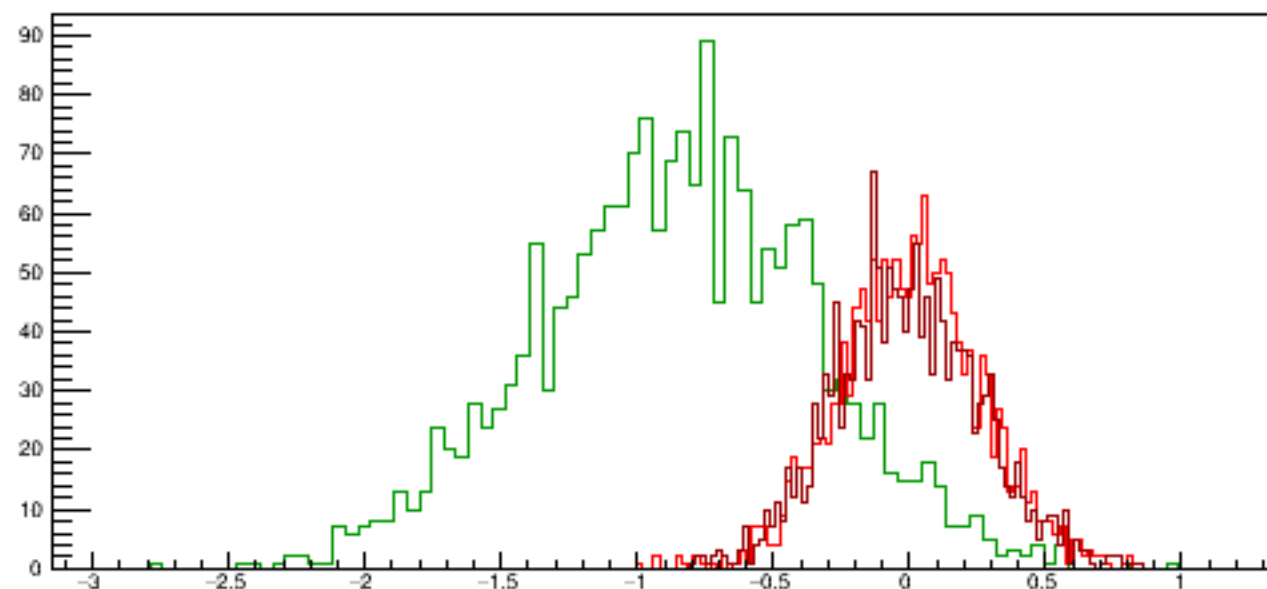
Std Dev: 0.5121 +/- 0.0082

Entries: 1631

Mean: -0.0053 +/- 0.0066

Std Dev: 0.2677 +/- 0.0047

Run 5311 quartetwise, Diffs



Cycle 18, Sums

Entries: 1617

Mean: 4.0959 +/- 0.0079

Std Dev: 0.3189 +/- 0.0056

Entries: 1959

Mean: 31.7151 +/- 0.0198

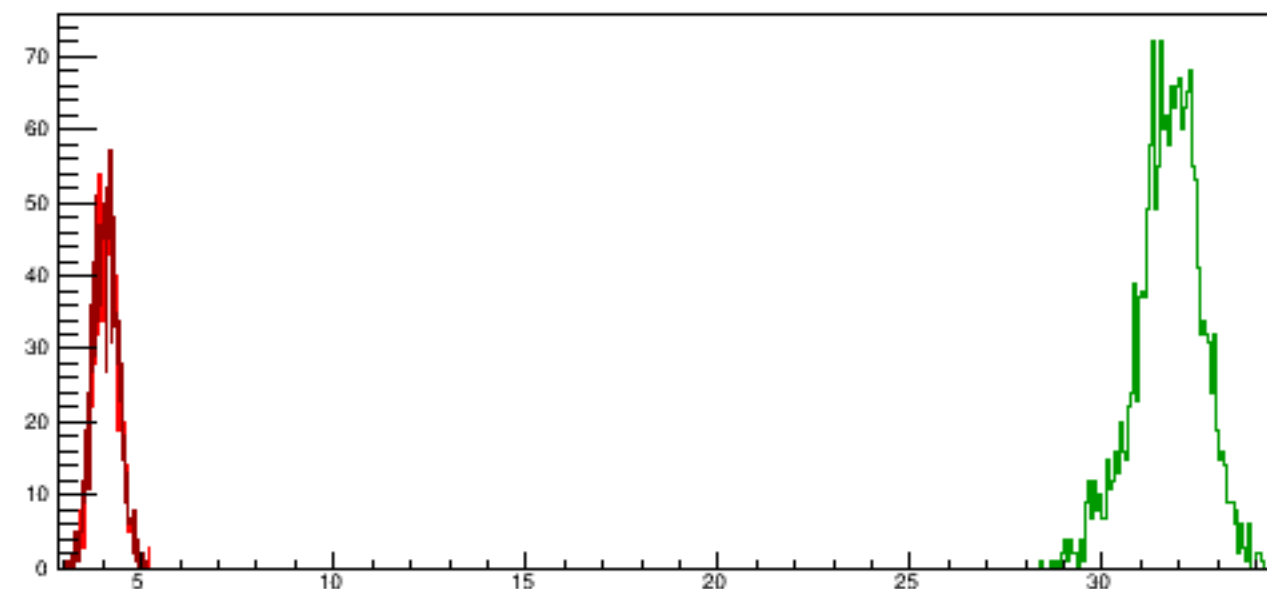
Std Dev: 0.8745 +/- 0.0140

Entries: 1631

Mean: 4.0570 +/- 0.0080

Std Dev: 0.3219 +/- 0.0056

Run 5311 quartetwise, Sums



Cycle 18, Asyms

Entries: 1617

Mean: 0.0001 +/- 0.0002

Std Dev: 0.0095 +/- 0.0002

Entries: 1959

Mean: -0.0311 +/- 0.0004

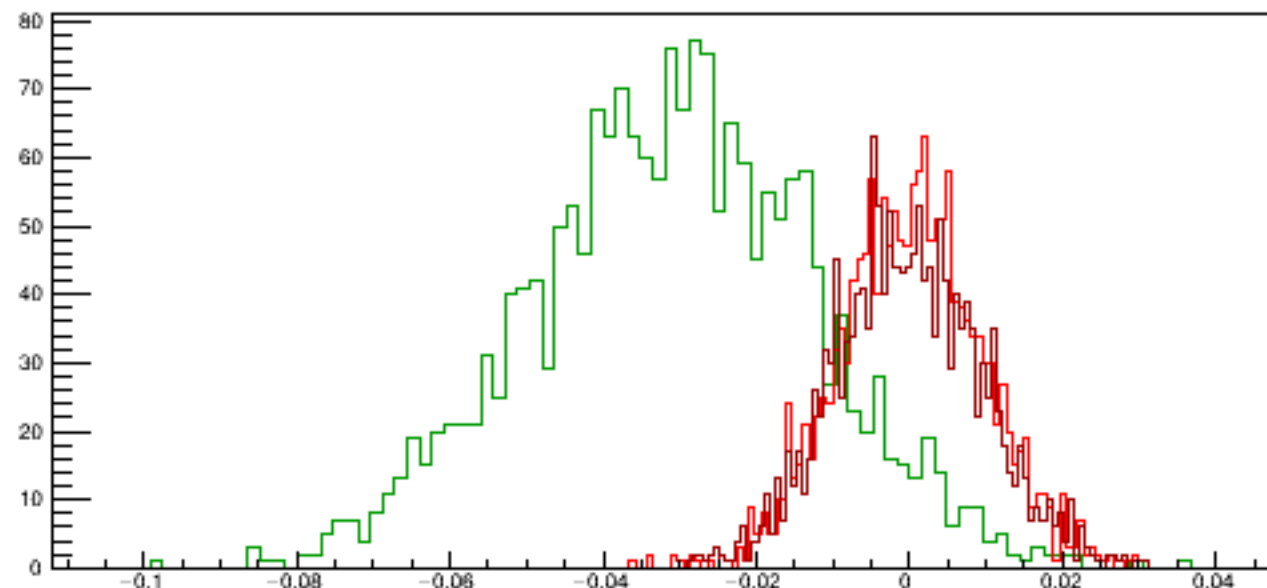
Std Dev: 0.0185 +/- 0.0003

Entries: 1631

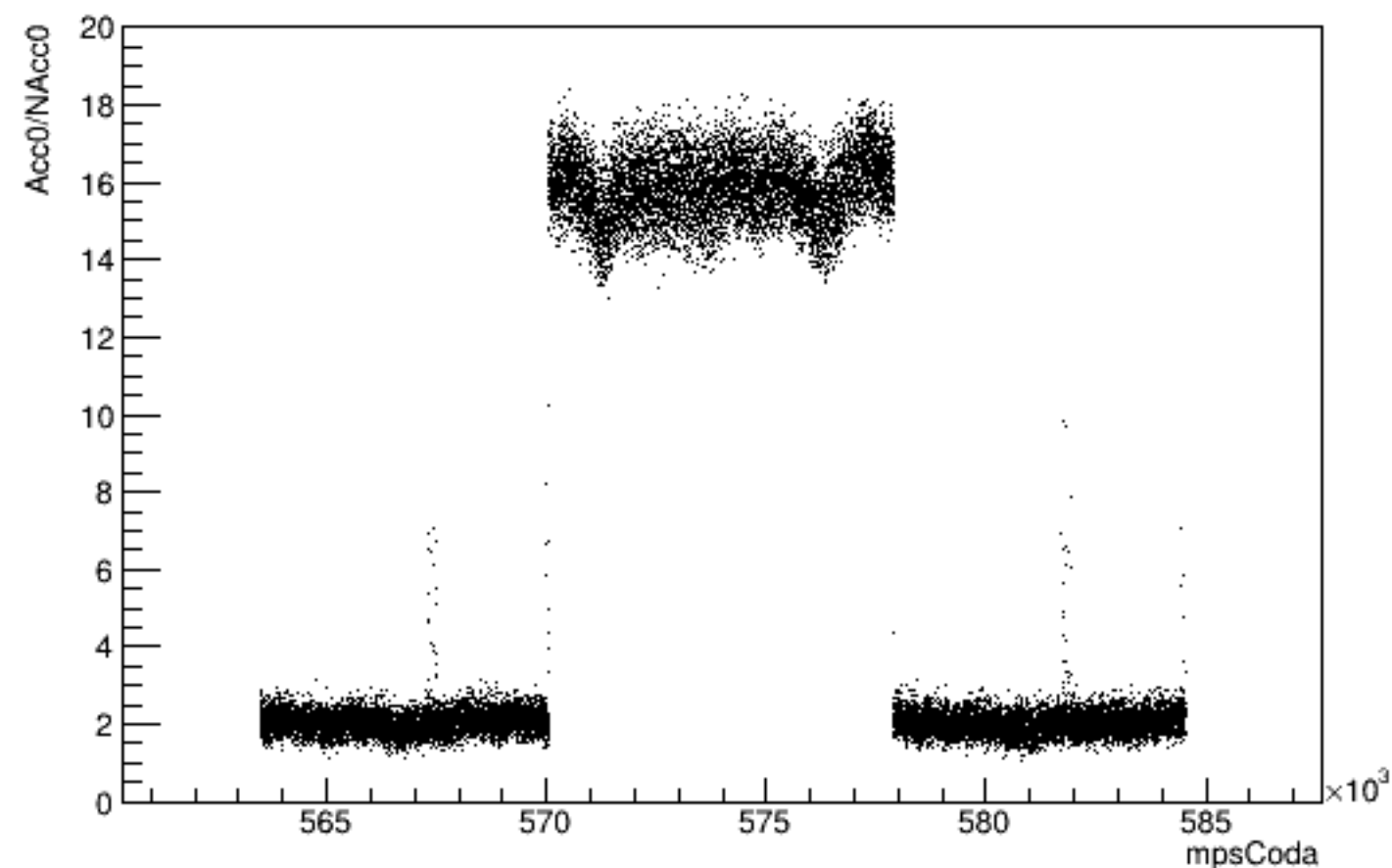
Mean: -0.0002 +/- 0.0002

Std Dev: 0.0097 +/- 0.0002

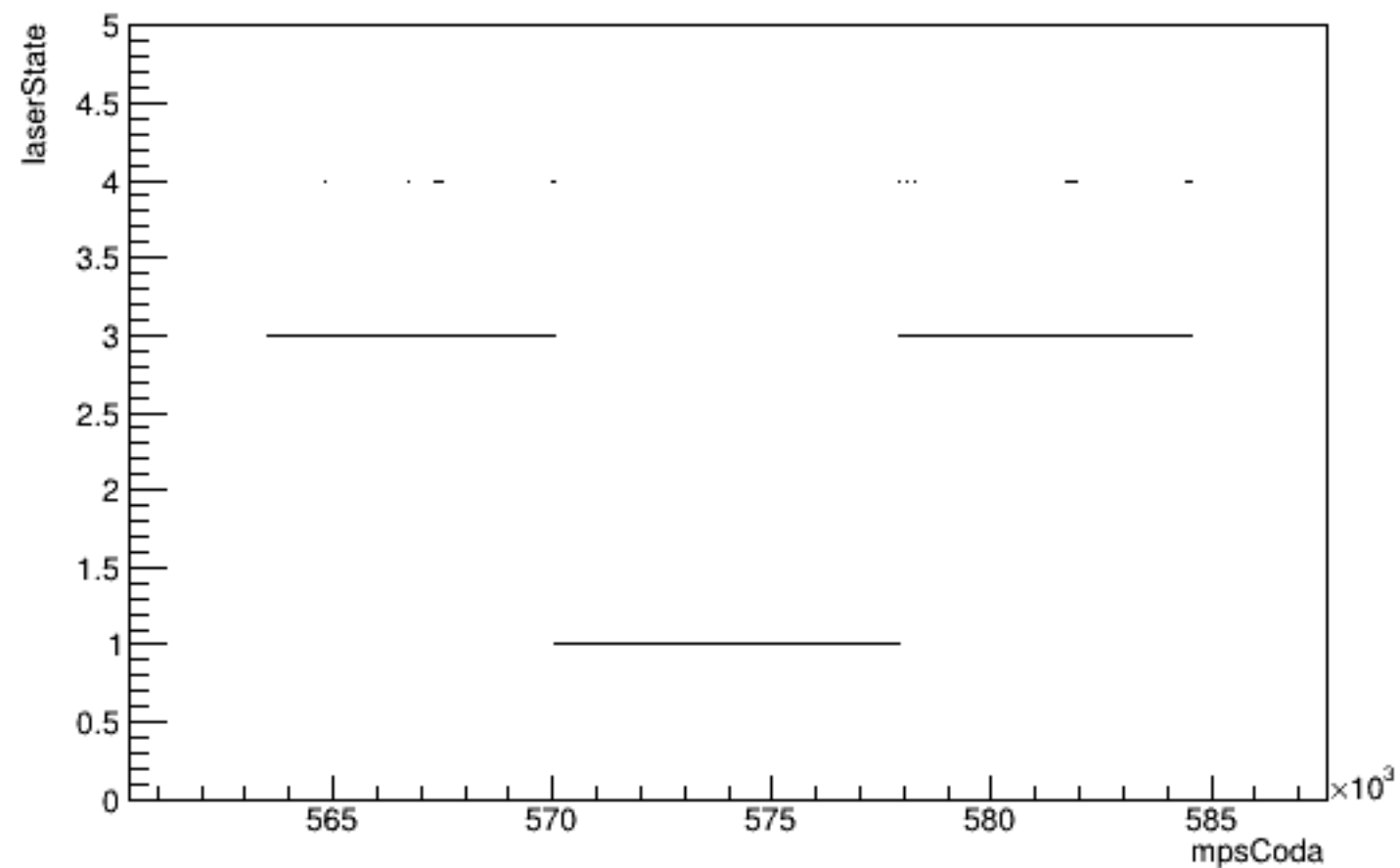
Run 5311 quartetwise, Asyms



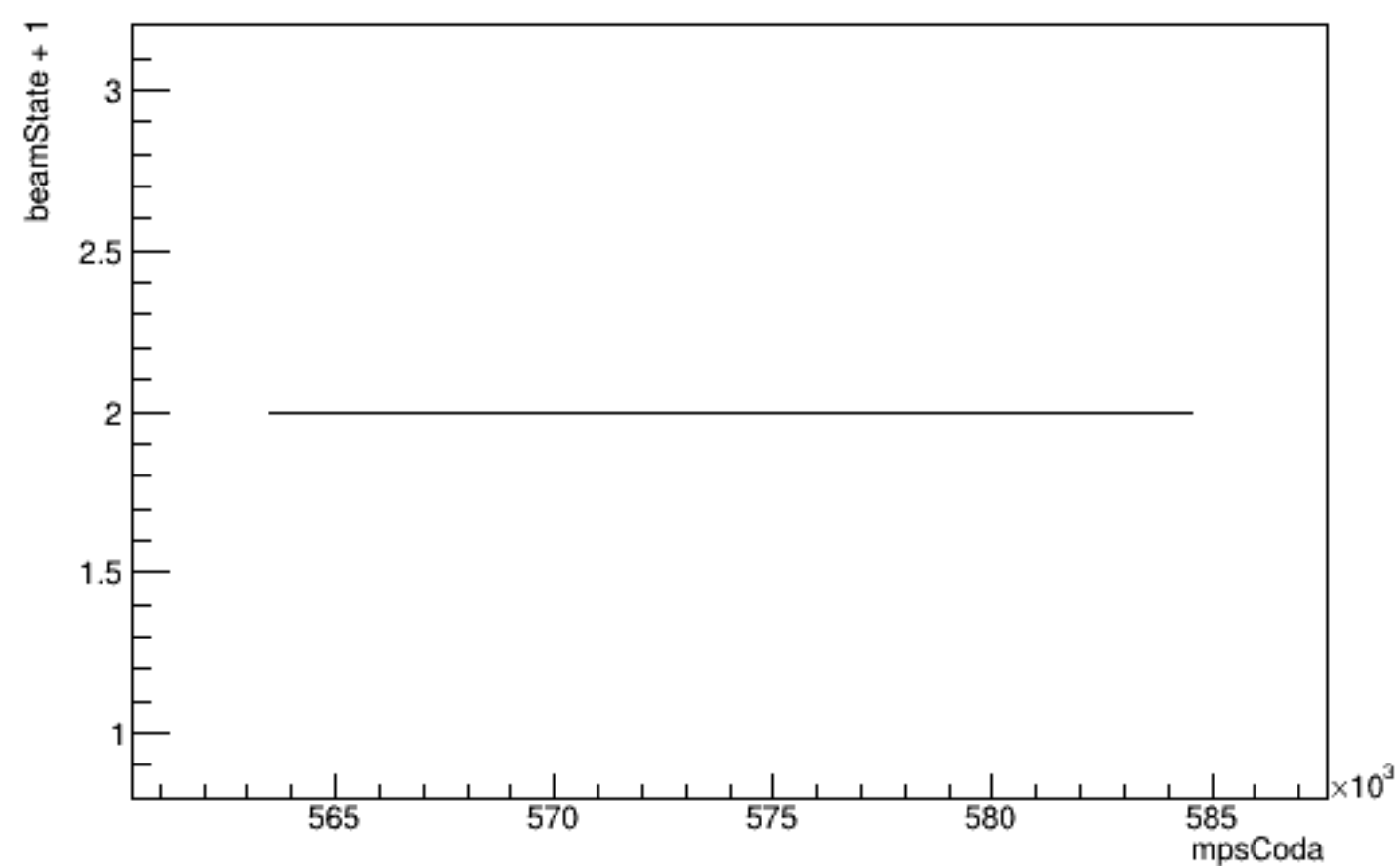
Acc0/NAcc0:mpsCoda (mpsCoda>=563479 && mpsCoda<=584530 && beamState==1)



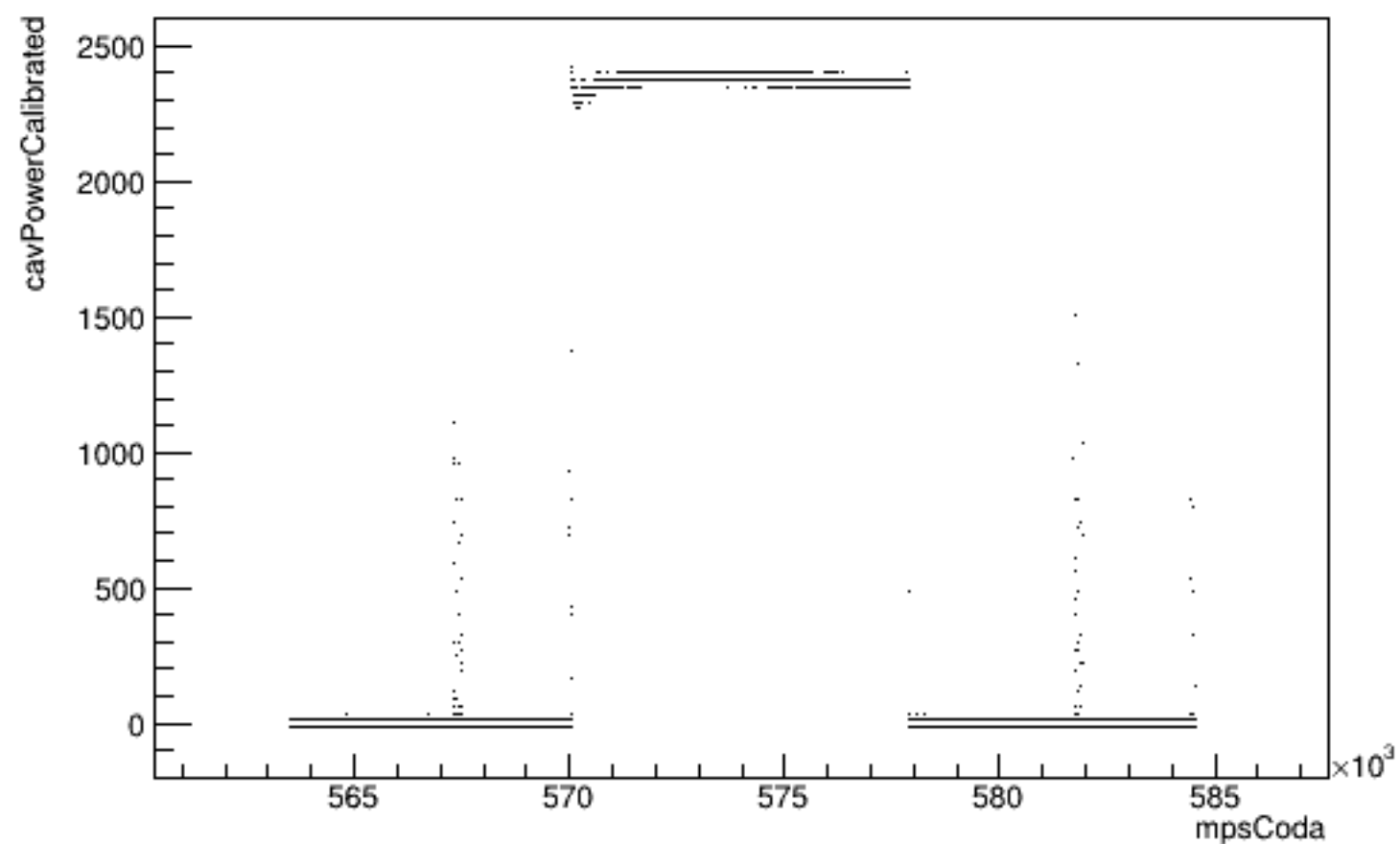
laserState:mpsCoda {mpsCoda>=563479 && mpsCoda<=584530}



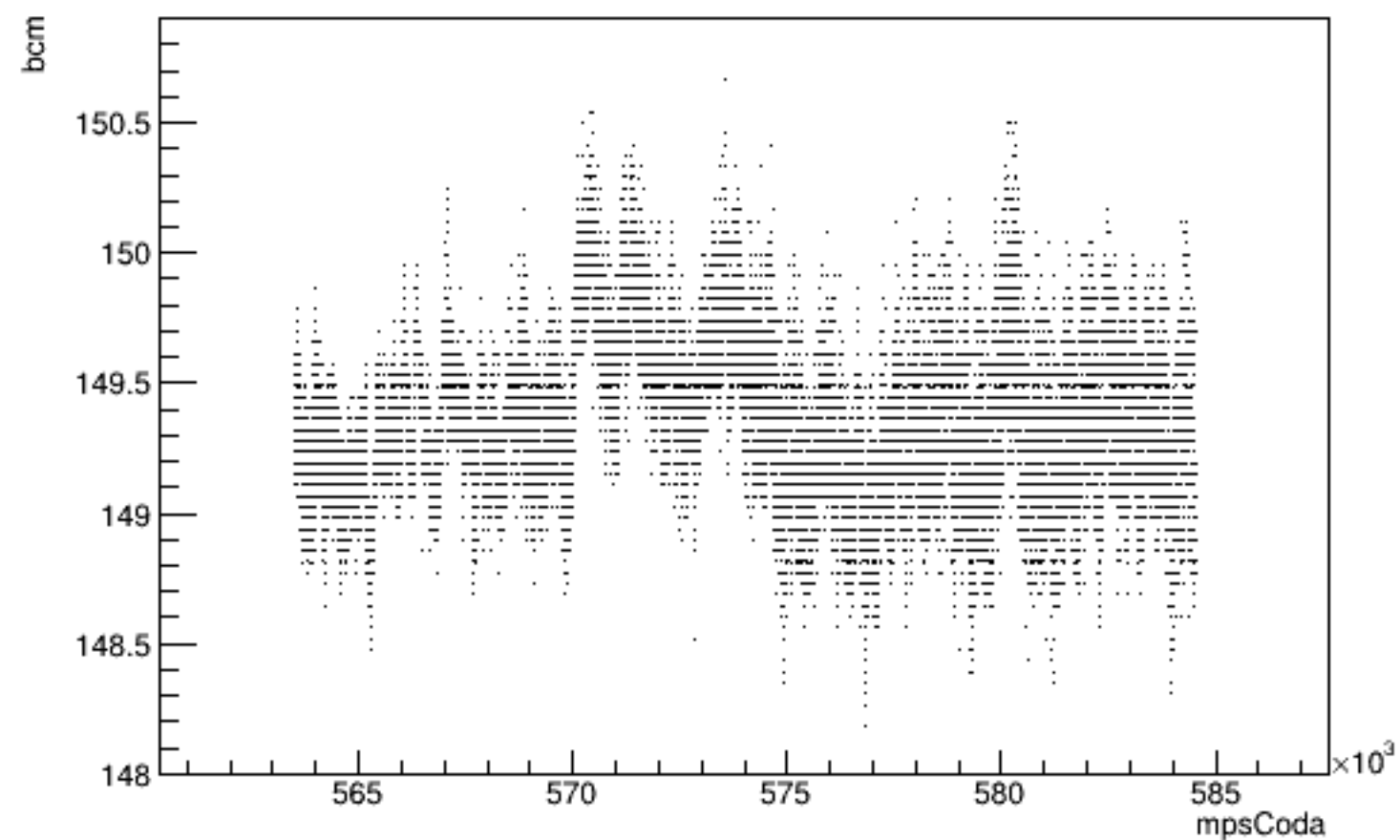
beamState + 1:mpsCoda {mpsCoda>=563479 && mpsCoda<=584530}



cavPowerCalibrated:mpsCoda {mpsCoda>=563479 && mpsCoda<=584530}



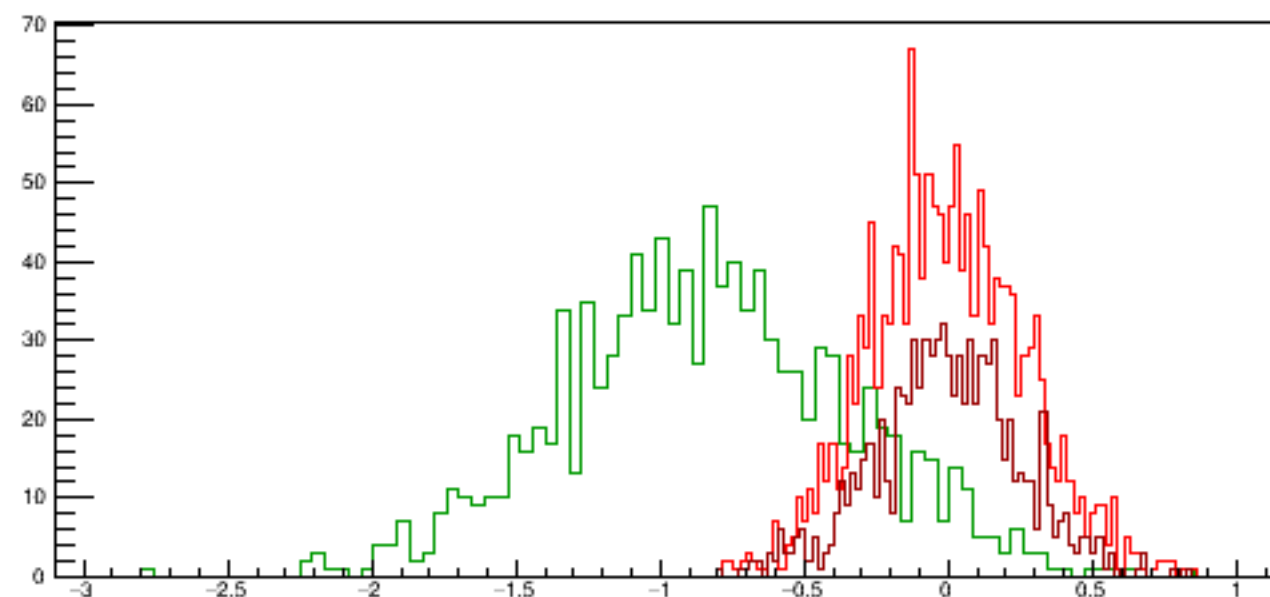
bcm:mpsCoda {mpsCoda>=563479 && mpsCoda<=584530}



Cycle 19, Diffs

Entries: 1631	Entries: 1094	Entries: 863
Mean: -0.0053 +/- 0.0066	Mean: -0.8391 +/- 0.0153	Mean: -0.0068 +/- 0.0086
Std Dev: 0.2677 +/- 0.0047	Std Dev: 0.5045 +/- 0.0108	Std Dev: 0.2521 +/- 0.0061

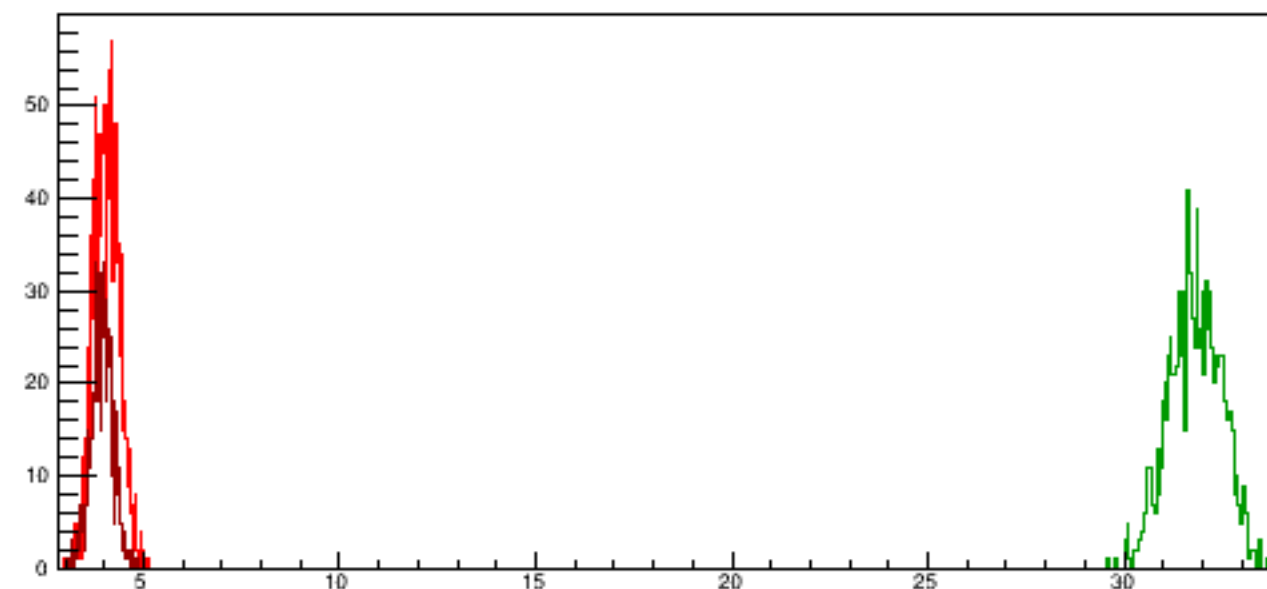
Run 5311 quartetwise, Diffs



Cycle 19, Sums

Entries: 1631	Entries: 1094	Entries: 863
Mean: 4.0570 +/- 0.0080	Mean: 31.8107 +/- 0.0204	Mean: 3.9495 +/- 0.0098
Std Dev: 0.3219 +/- 0.0056	Std Dev: 0.6753 +/- 0.0144	Std Dev: 0.2890 +/- 0.0070

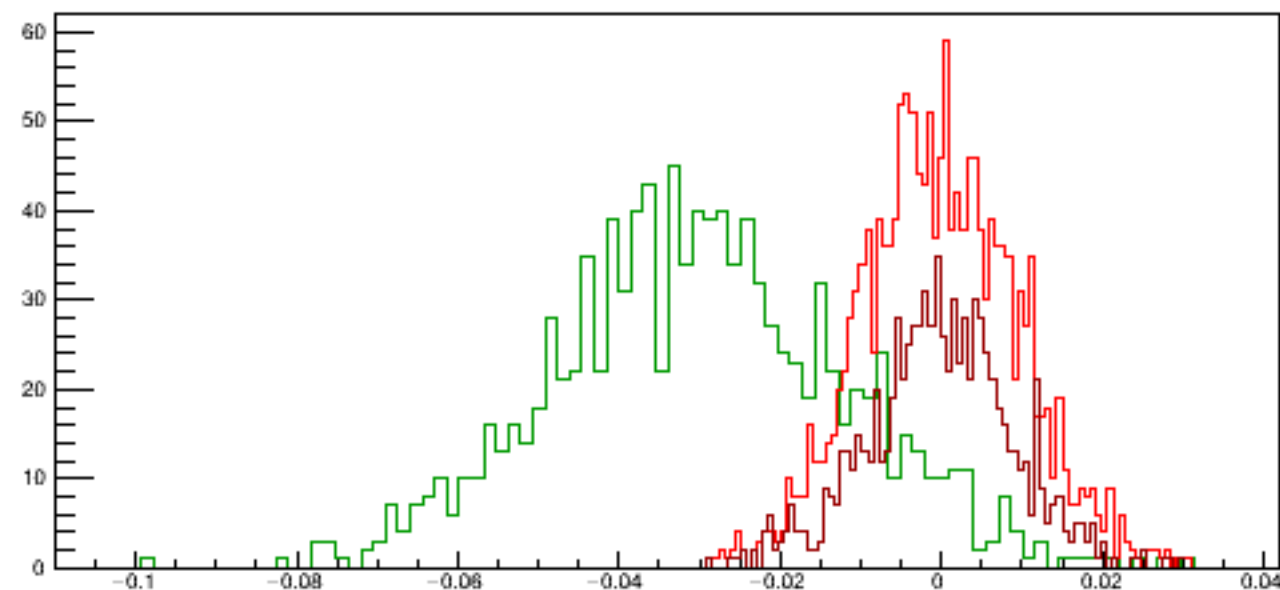
Run 5311 quartetwise, Sums



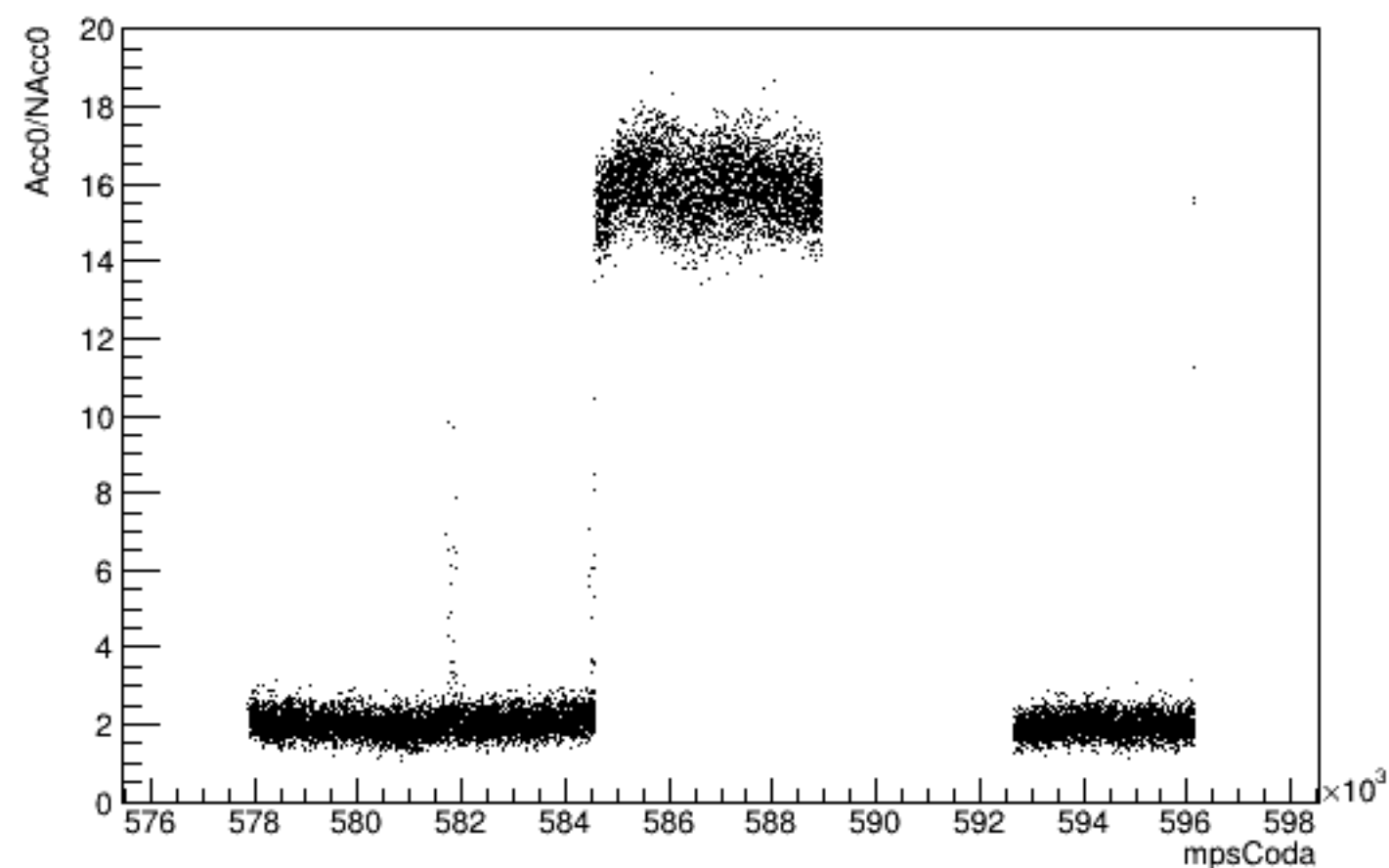
Cycle 19, Asyms

Entries: 1631	Entries: 1094	Entries: 863
Mean: -0.0002 +/- 0.0002	Mean: -0.0302 +/- 0.0005	Mean: -0.0002 +/- 0.0003
Std Dev: 0.0096 +/- 0.0002	Std Dev: 0.0182 +/- 0.0004	Std Dev: 0.0091 +/- 0.0002

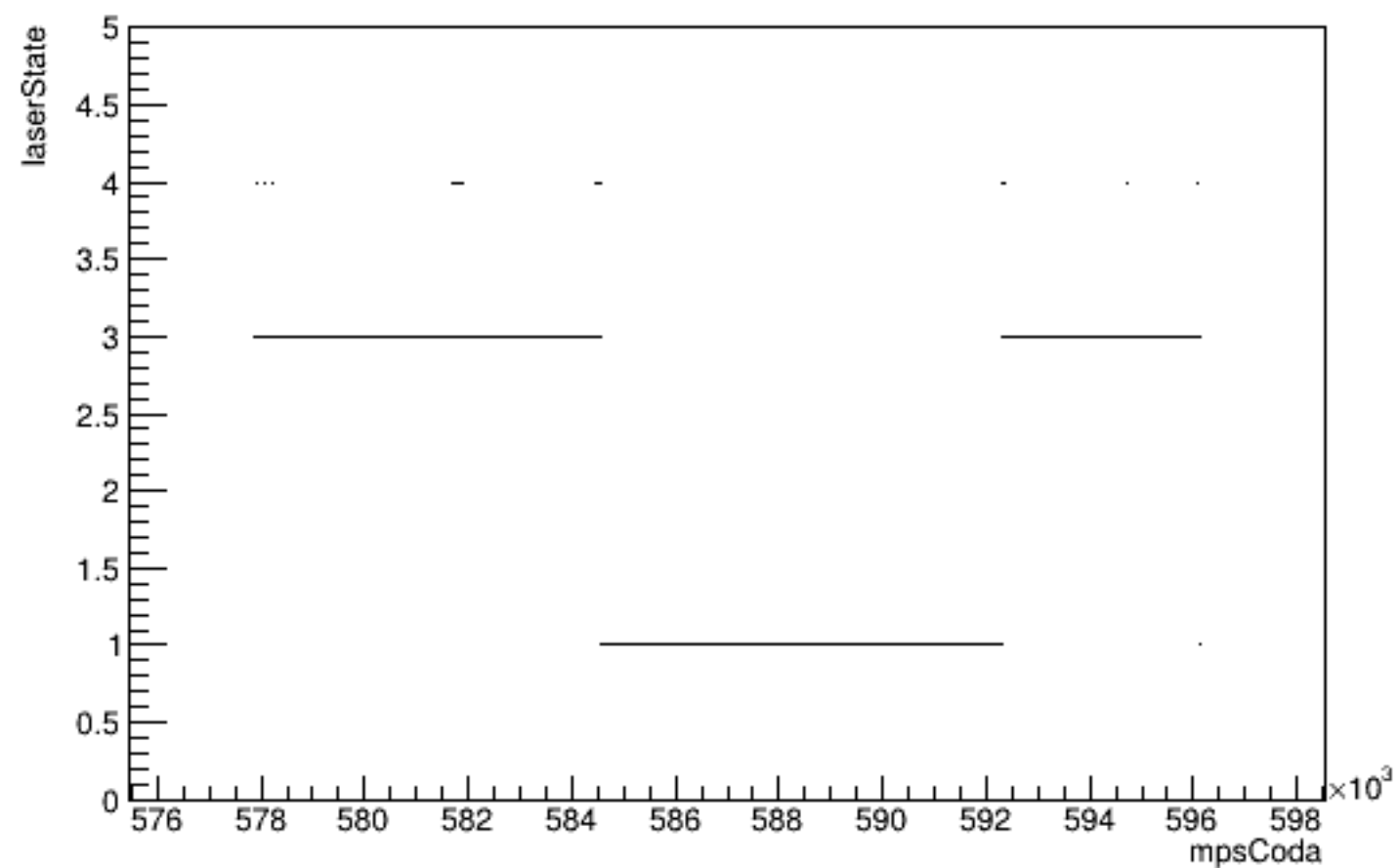
Run 5311 quartetwise, Asyms



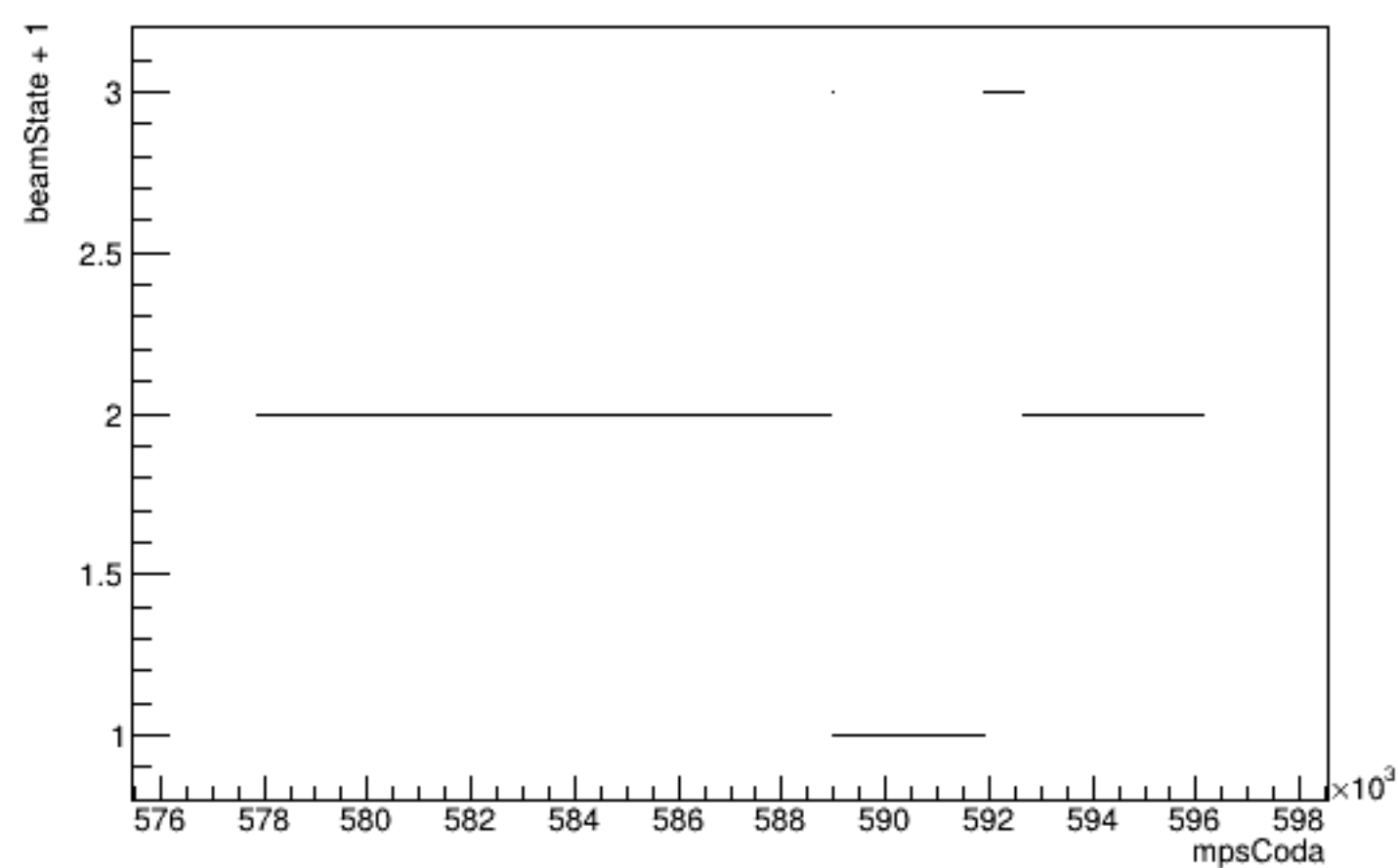
Acc0/NAcc0:mpsCoda (mpsCoda>=577895 && mpsCoda<=596134 && beamState==1)



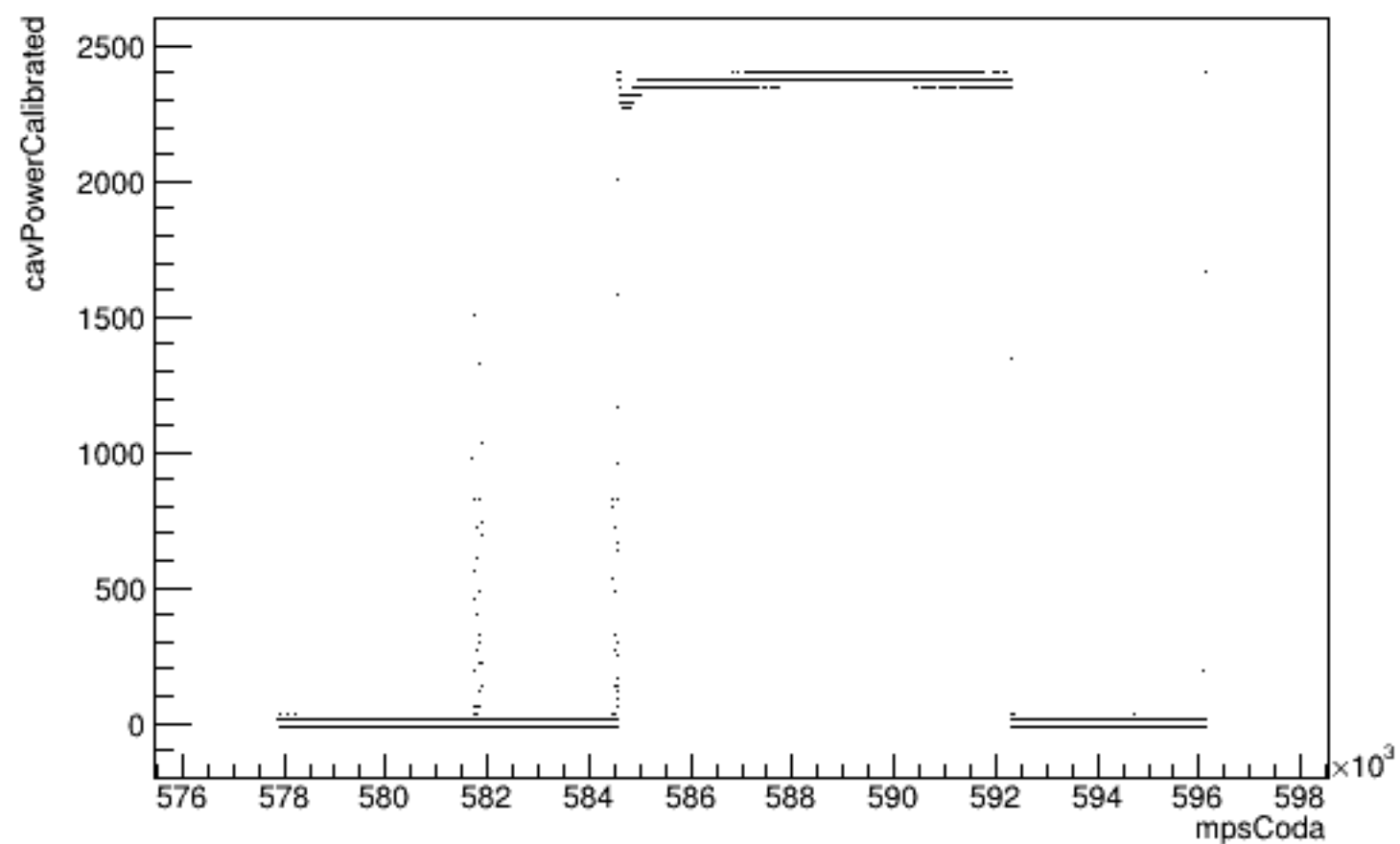
laserState:mpsCoda {mpsCoda>=577895 && mpsCoda<=596134}



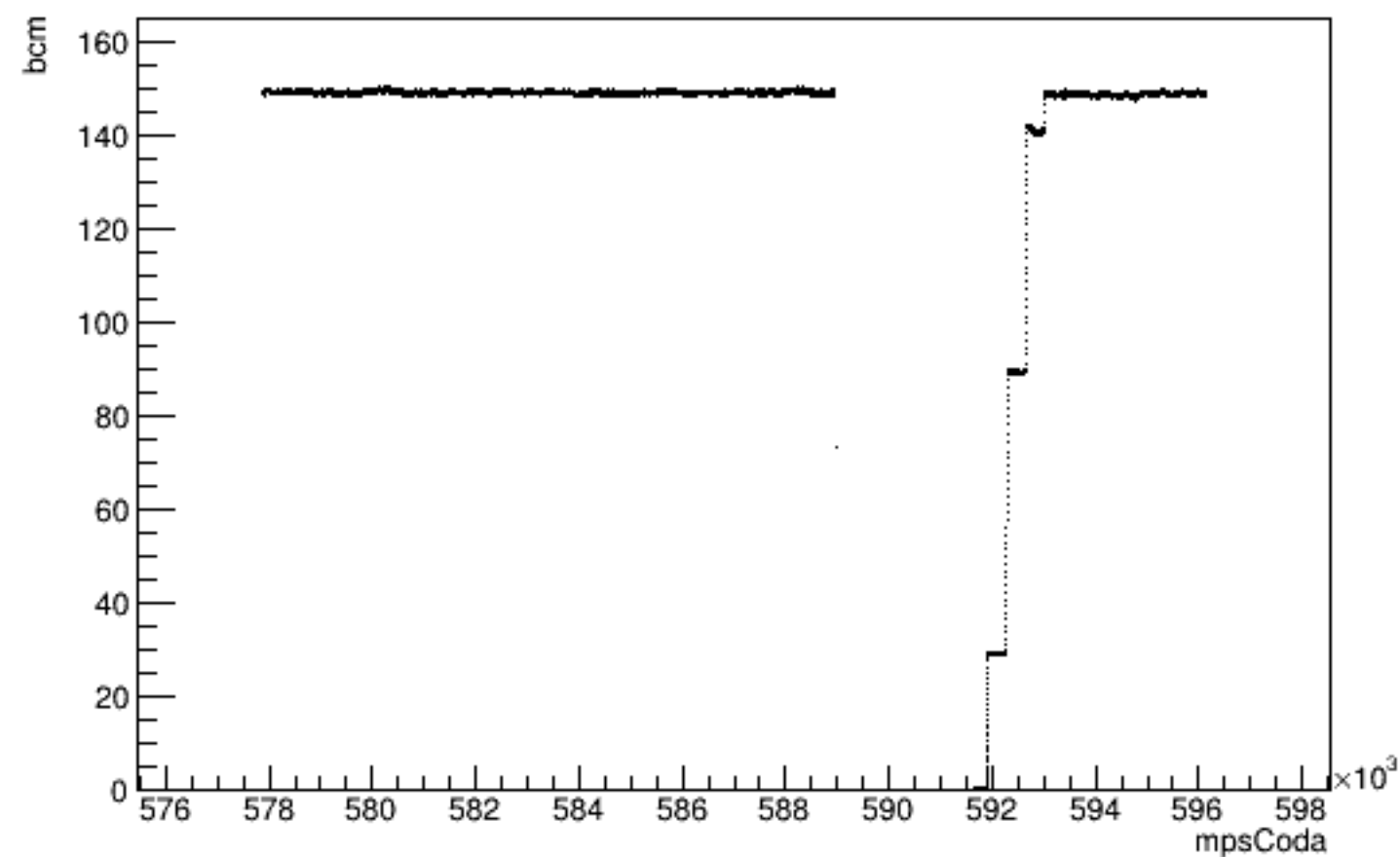
beamState + 1:mpsCoda {mpsCoda>=577895 && mpsCoda<=596134}



cavPowerCalibrated:mpsCoda {mpsCoda>=577895 && mpsCoda<=596134}



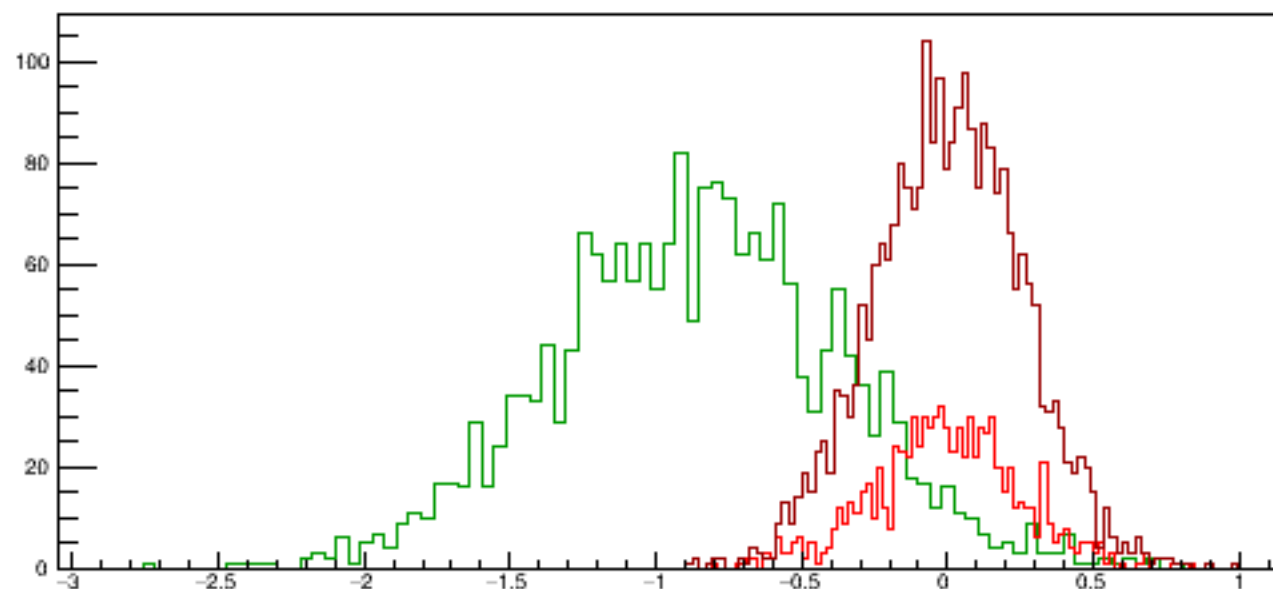
bcm:mpsCoda {mpsCoda>=577895 && mpsCoda<=596134}



Cycle 20, Diffs

Entries: 863	Entries: 2037	Entries: 2643
Mean: -0.0068 +/- 0.0086	Mean: -0.8603 +/- 0.0110	Mean: 0.0038 +/- 0.0050
Std Dev: 0.2521 +/- 0.0061	Std Dev: 0.4945 +/- 0.0077	Std Dev: 0.2564 +/- 0.0035

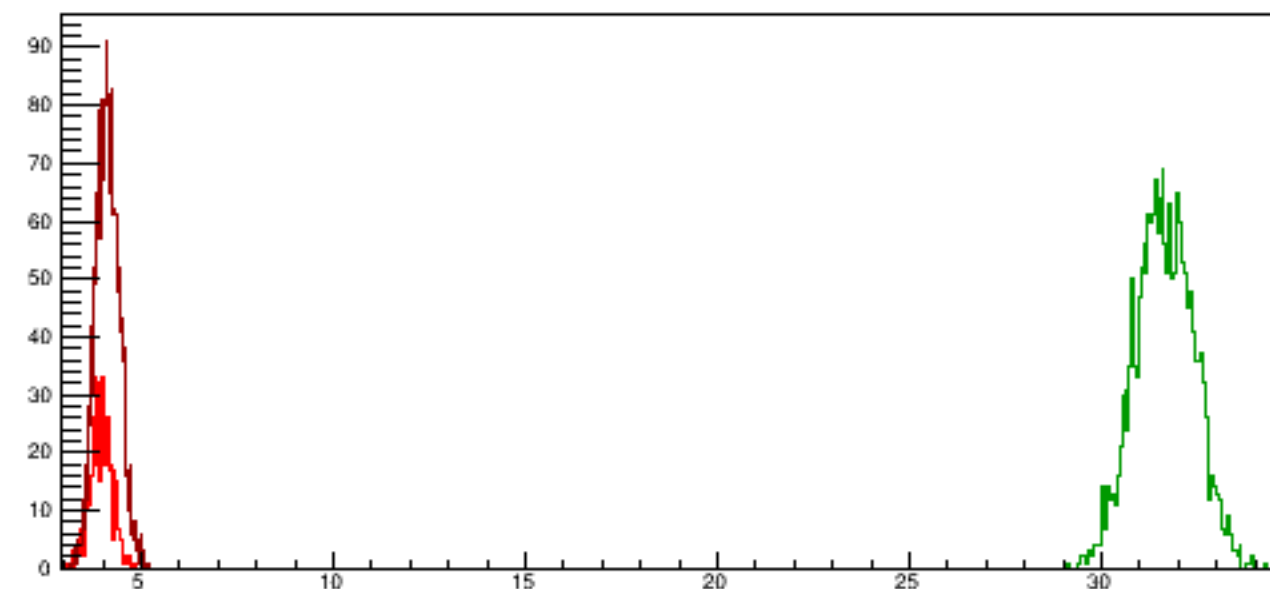
Run 5311 quartetwise, Diffs



Cycle 20, Sums

Entries: 863	Entries: 2037	Entries: 2643
Mean: 3.9495 +/- 0.0098	Mean: 31.6362 +/- 0.0169	Mean: 4.1145 +/- 0.0060
Std Dev: 0.2890 +/- 0.0070	Std Dev: 0.7608 +/- 0.0119	Std Dev: 0.3075 +/- 0.0042

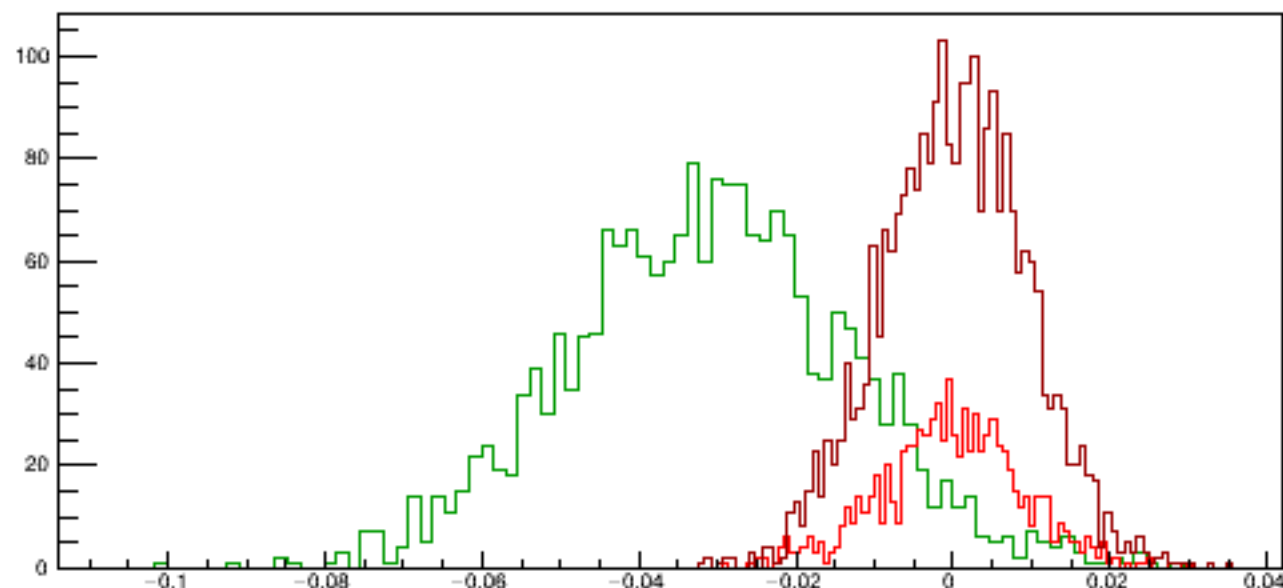
Run 5311 quartetwise, Sums



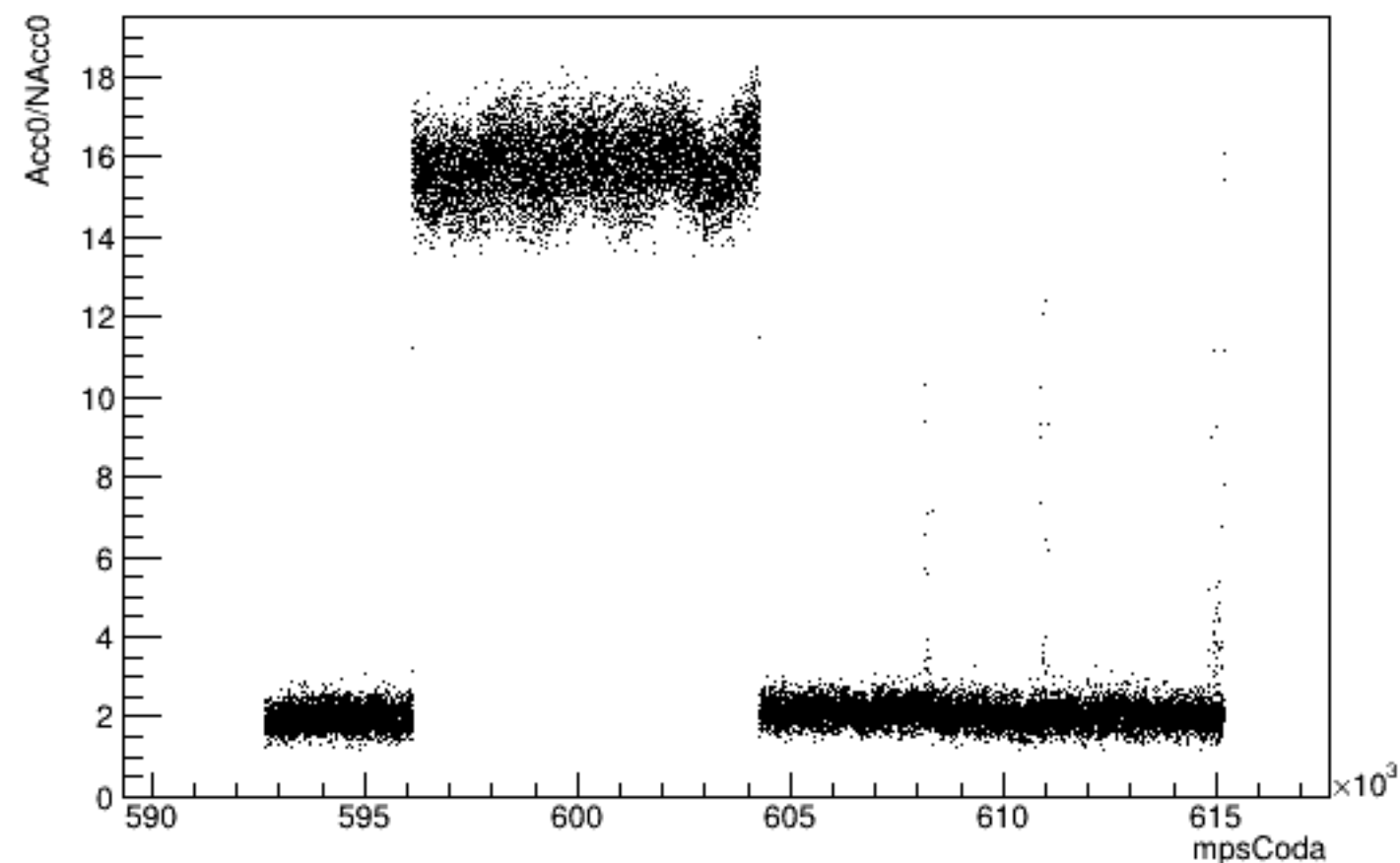
Cycle 20, Asyms

Entries: 863	Entries: 2037	Entries: 2643
Mean: -0.0002 +/- 0.0003	Mean: -0.0312 +/- 0.0004	Mean: 0.0001 +/- 0.0002
Std Dev: 0.0091 +/- 0.0002	Std Dev: 0.0179 +/- 0.0003	Std Dev: 0.0093 +/- 0.0001

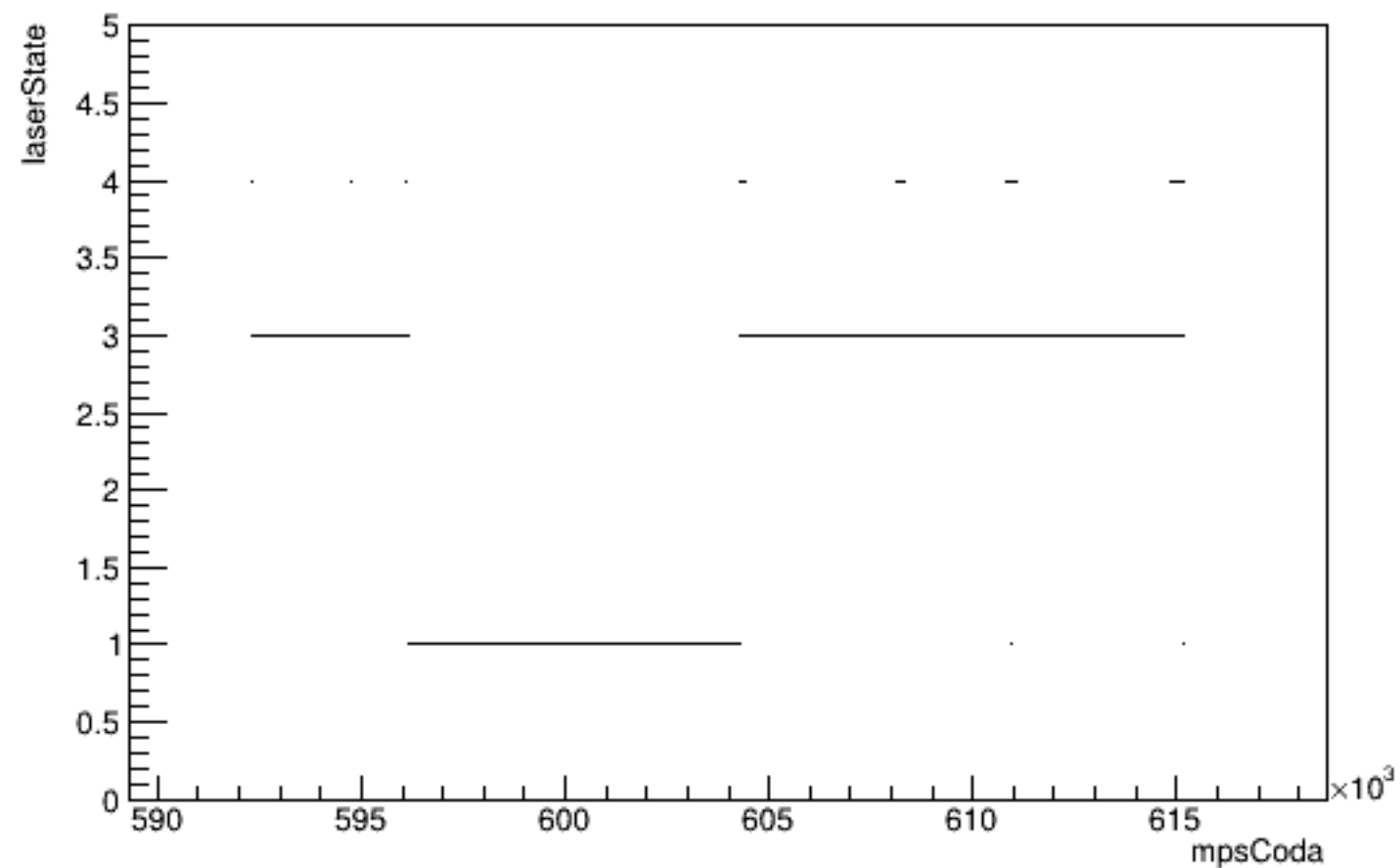
Run 5311 quartetwise, Asyms



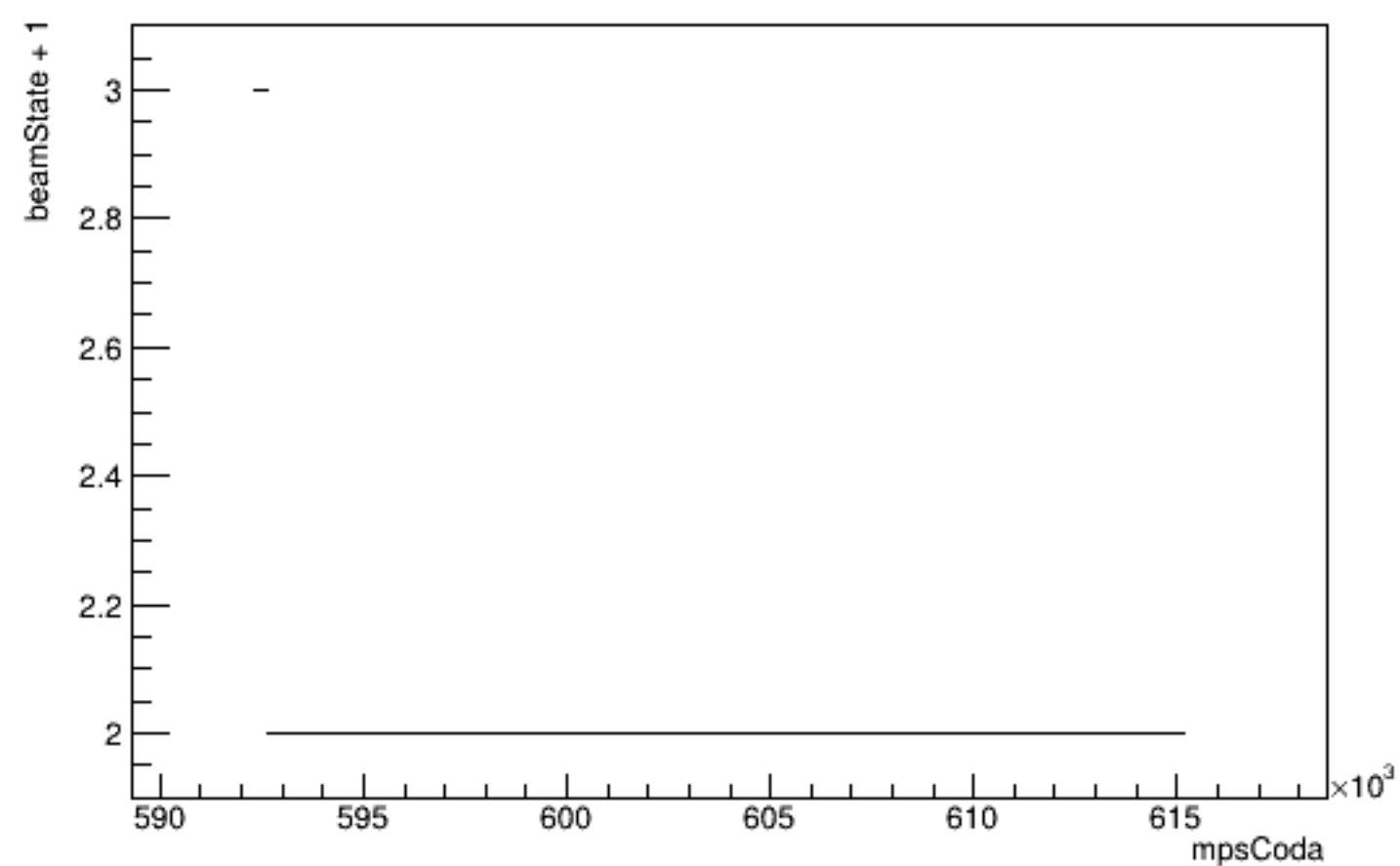
Acc0/NAcc0:mpsCoda (mpsCoda>=592287 && mpsCoda<=615182 && beamState==1)



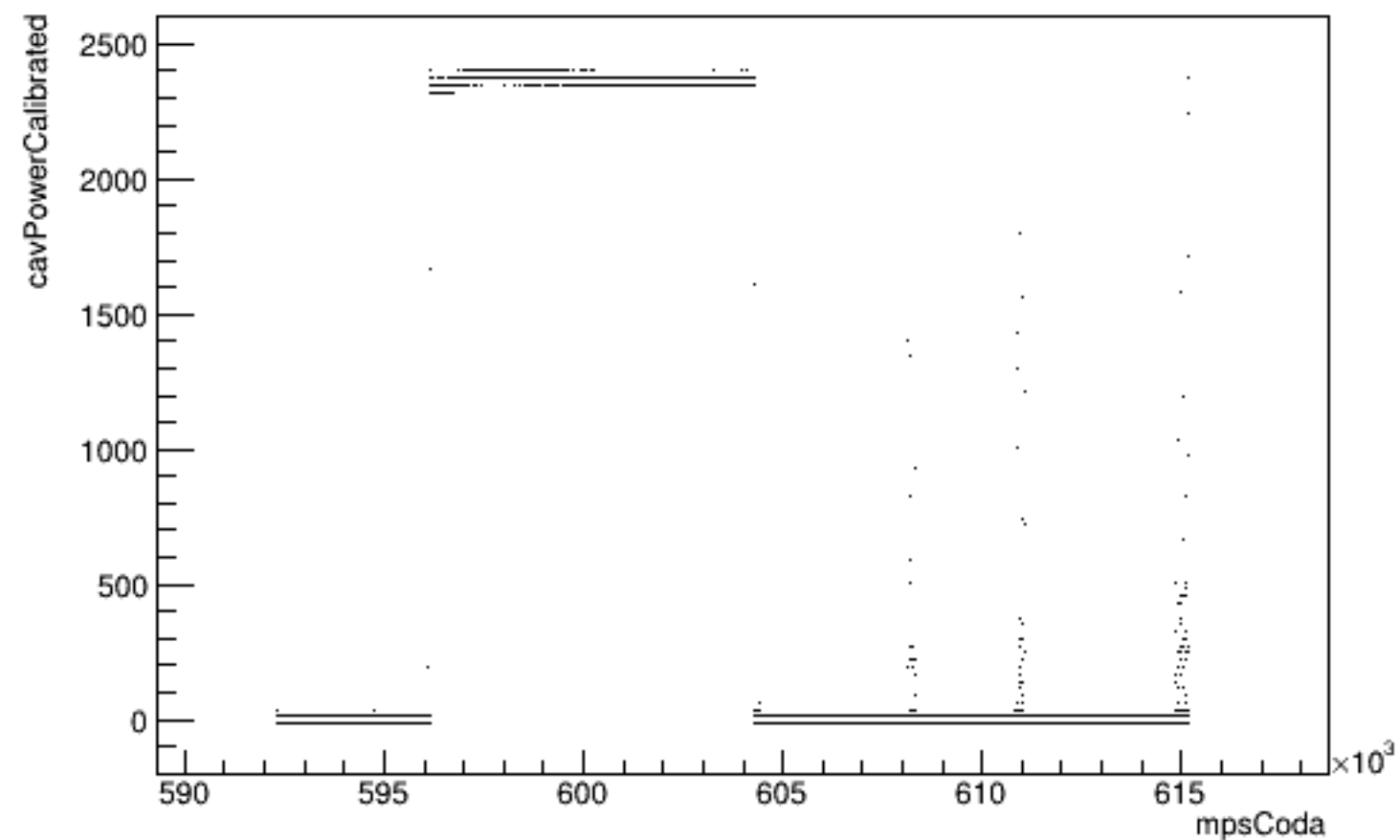
laserState:mpsCoda {mpsCoda>=592287 && mpsCoda<=615182}



beamState + 1:mpsCoda {mpsCoda>=592287 && mpsCoda<=615182}



cavPowerCalibrated:mpsCoda {mpsCoda>=592287 && mpsCoda<=615182}



bcm:mpsCoda {mpsCoda>=592287 && mpsCoda<=615182}

