

Cycle 1, Diffs

Entries: 1244

Mean: 0.0013 +/- 0.0055

Std Dev: 0.1925 +/- 0.0039

Entries: 4551

Mean: -0.1272 +/- 0.0043

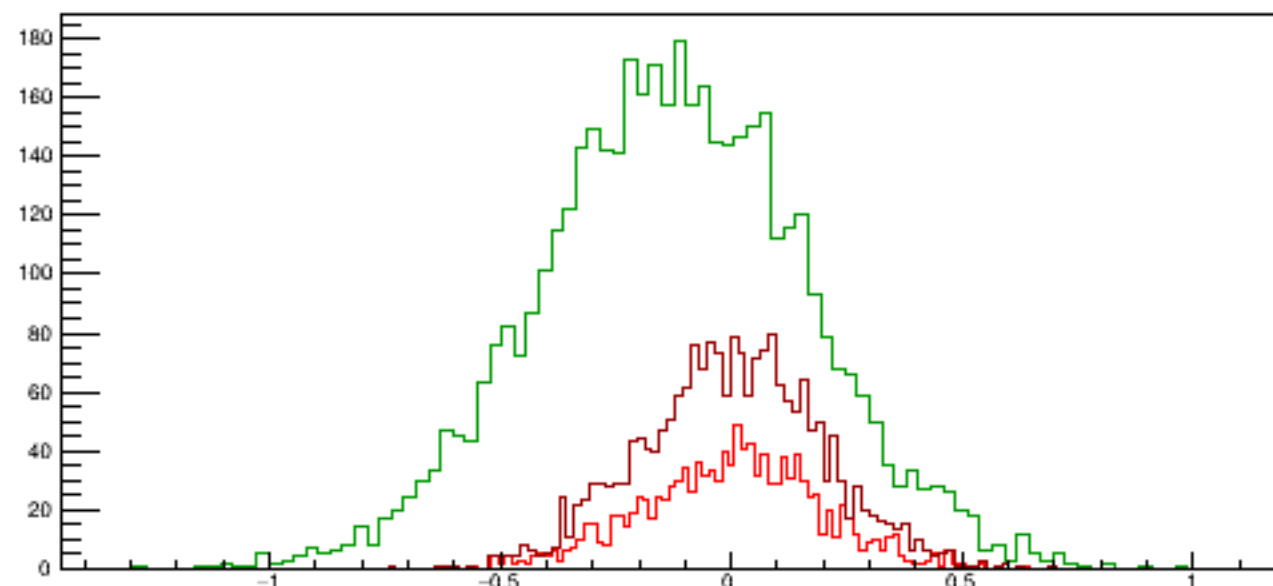
Std Dev: 0.2914 +/- 0.0031

Entries: 2078

Mean: -0.0018 +/- 0.0043

Std Dev: 0.1946 +/- 0.0030

Run 4615 quartetwise, Diffs



Cycle 1, Sums

Entries: 1244

Mean: 14.7545 +/- 0.0071

Std Dev: 0.2492 +/- 0.0050

Entries: 4551

Mean: 23.4318 +/- 0.0066

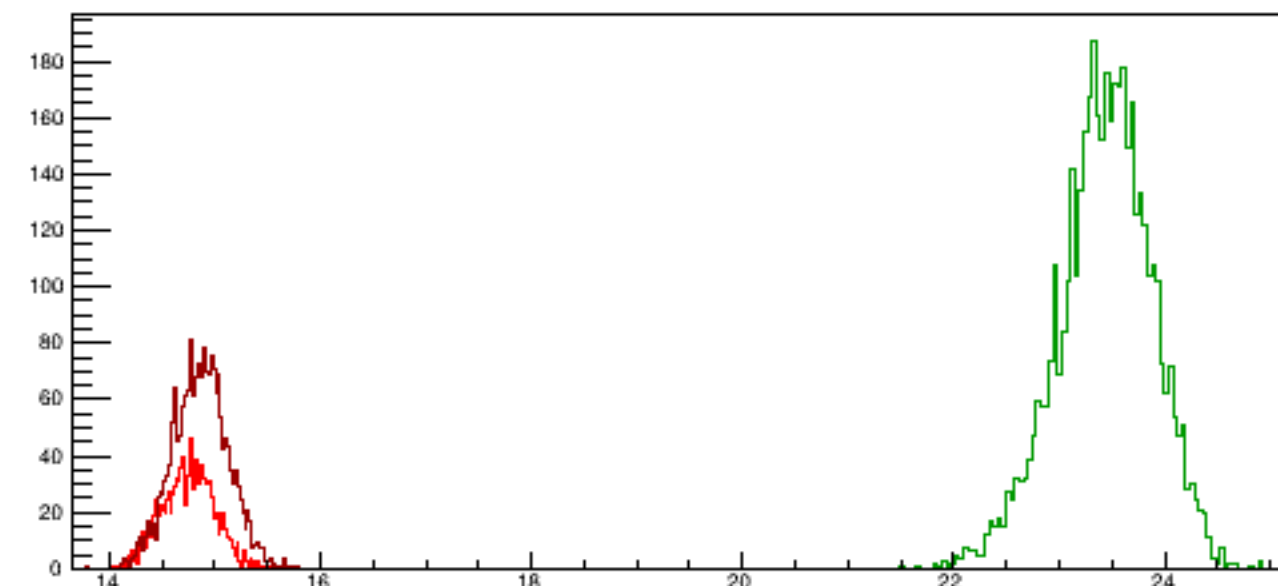
Std Dev: 0.4478 +/- 0.0047

Entries: 2078

Mean: 14.8637 +/- 0.0058

Std Dev: 0.2633 +/- 0.0041

Run 4615 quartetwise, Sums



Cycle 1, Asyms

Entries: 1244

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0223 +/- 0.0004

Entries: 4551

Mean: -0.0148 +/- 0.0005

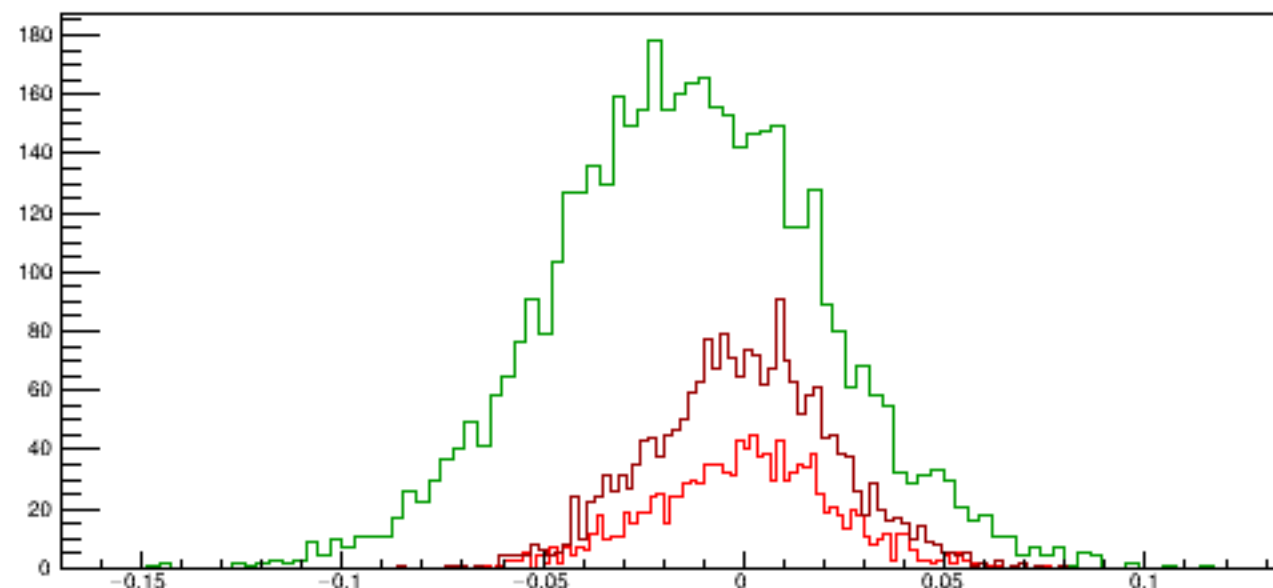
Std Dev: 0.0340 +/- 0.0004

Entries: 2078

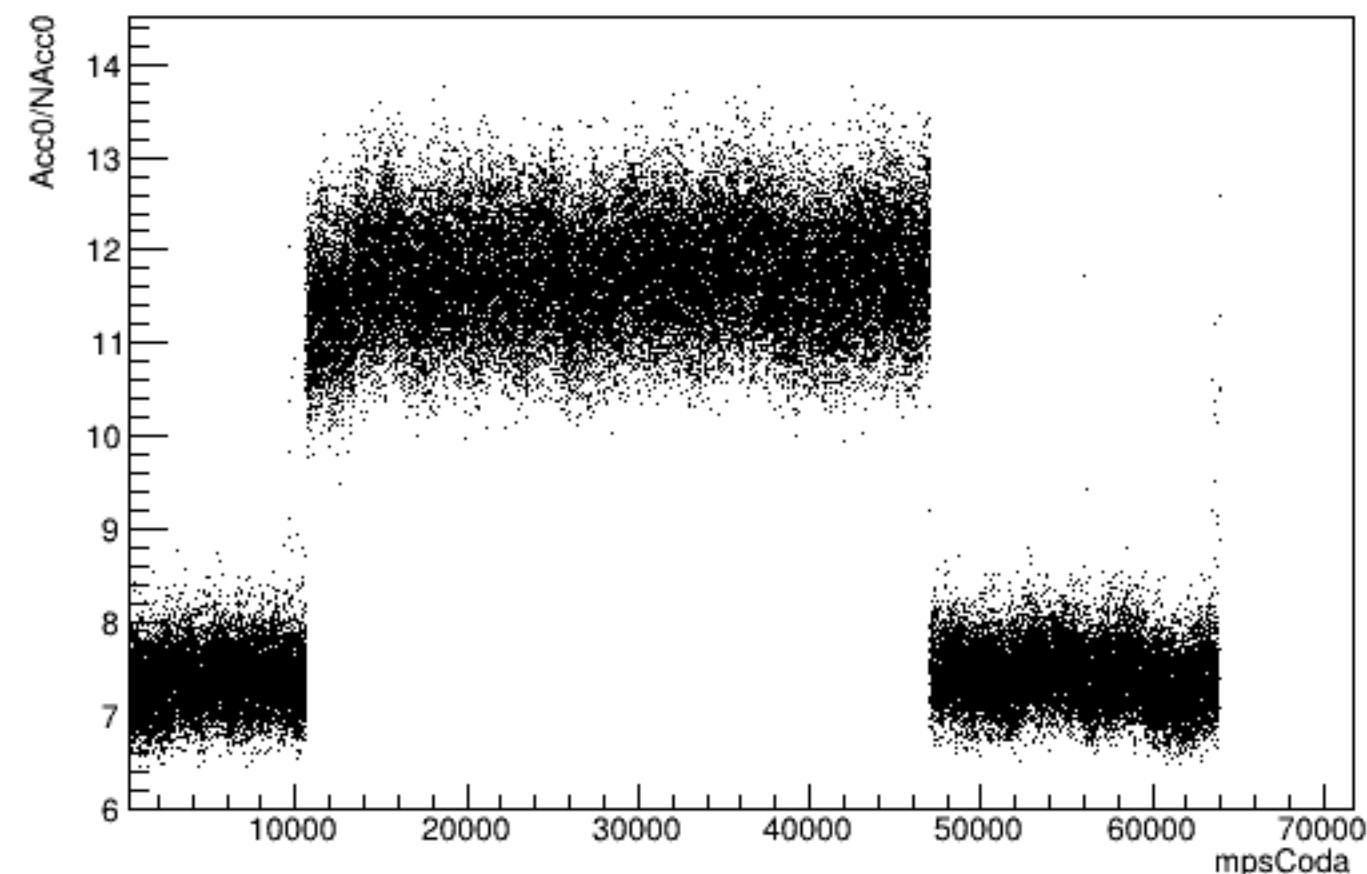
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0226 +/- 0.0003

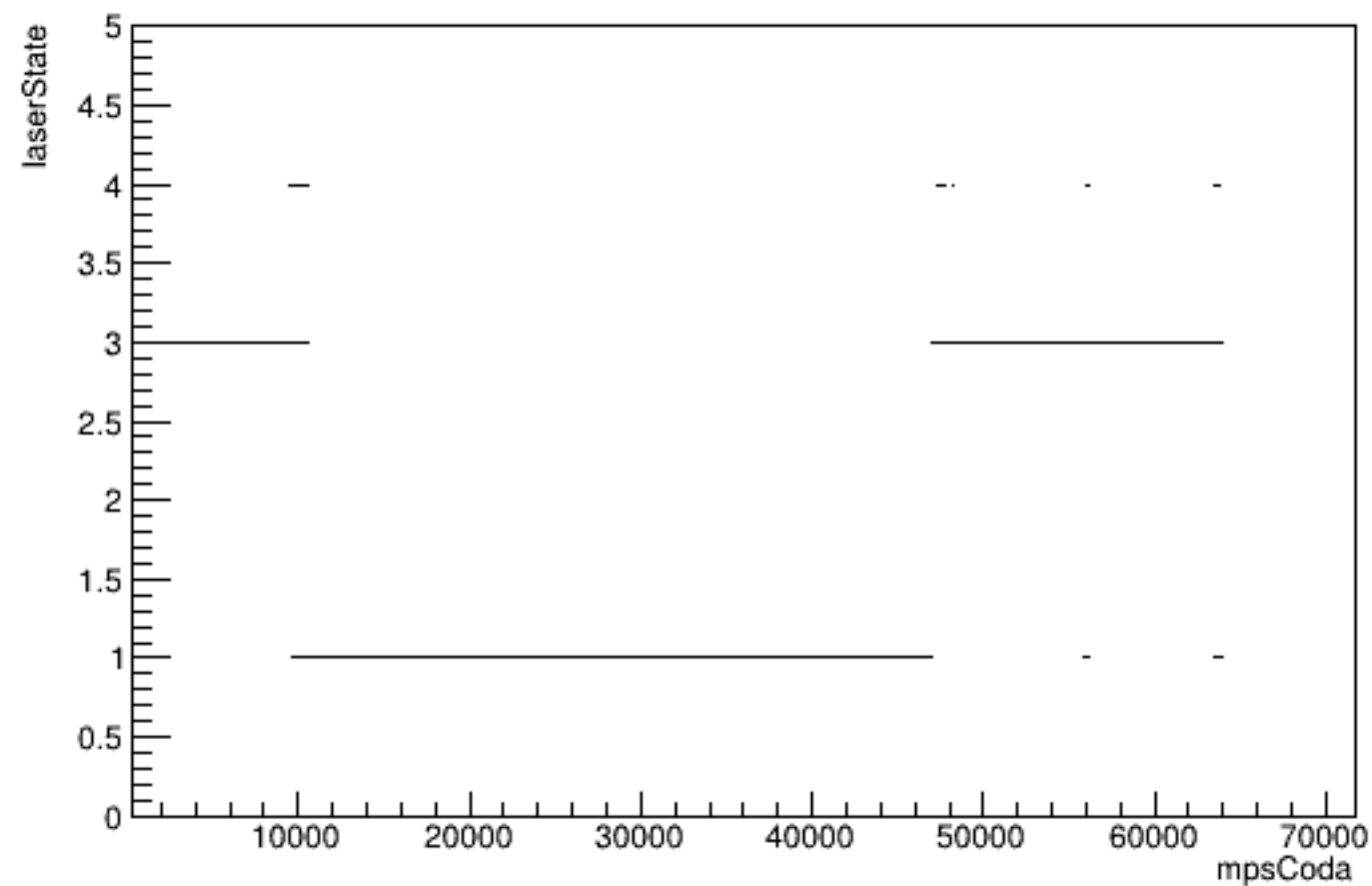
Run 4615 quartetwise, Asyms



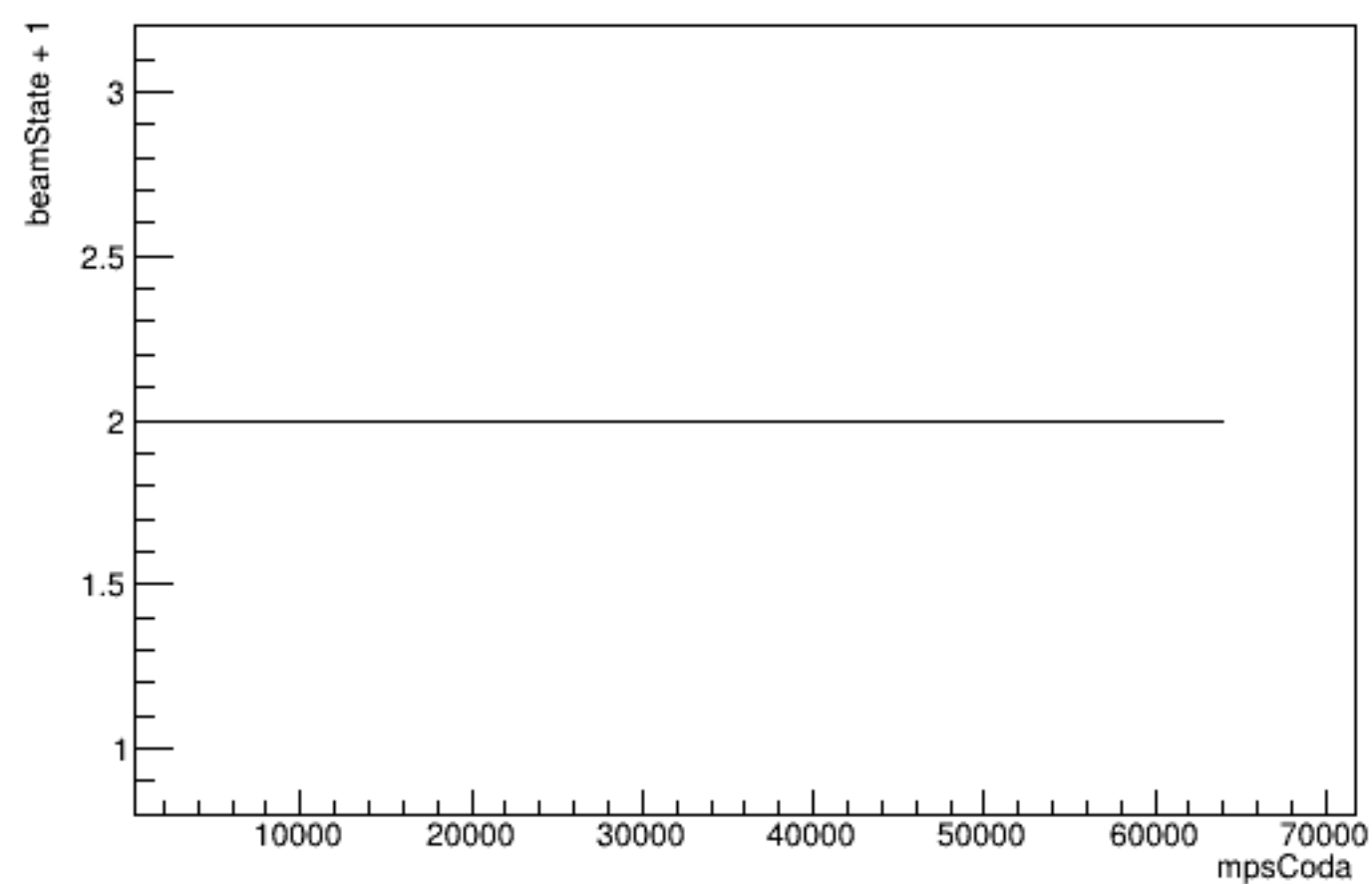
Acc0/NAcc0:mpsCoda {mpsCoda>=279 && mpsCoda<=63878 && beamState==1}



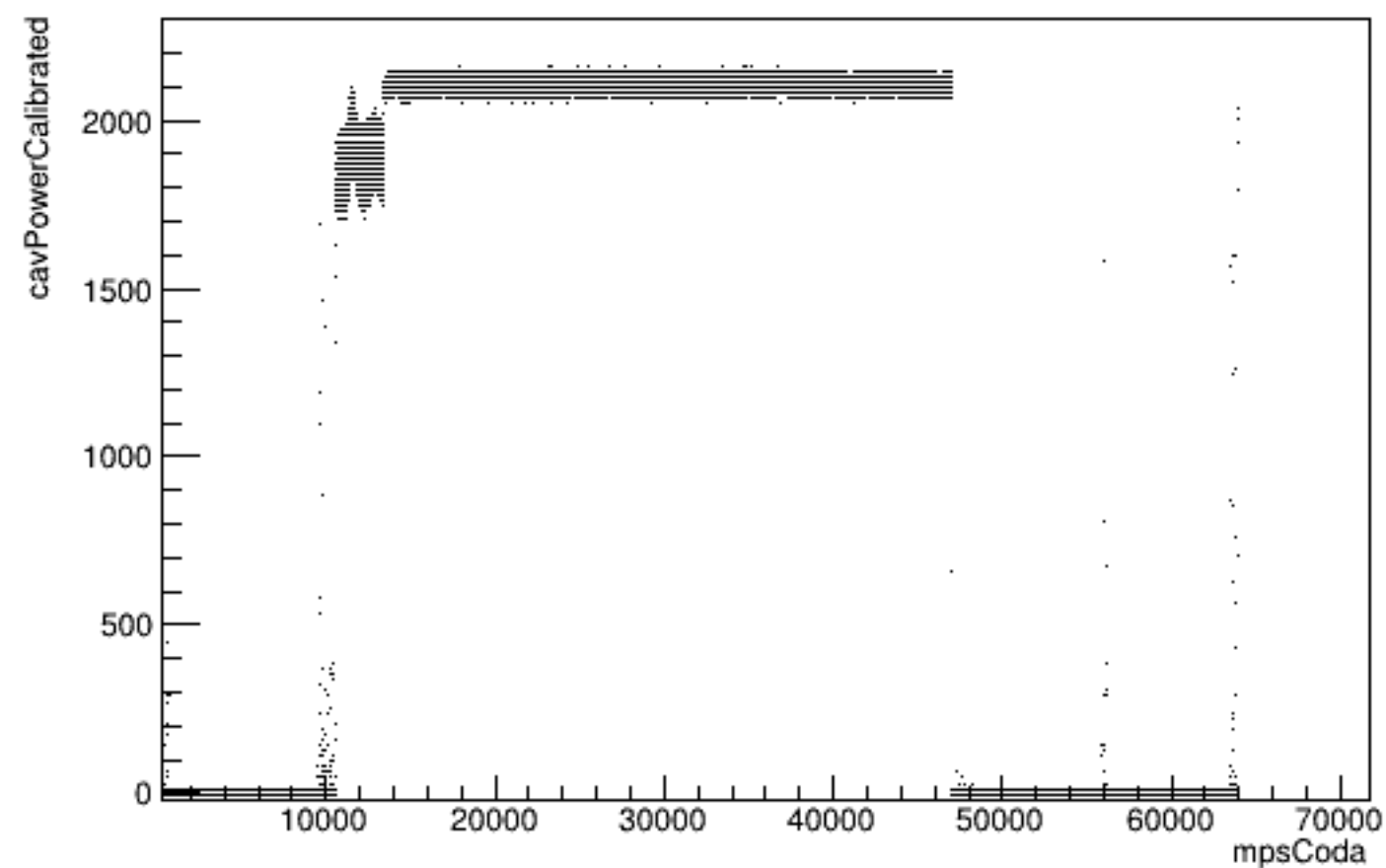
laserState:mpsCoda {mpsCoda>=279 && mpsCoda<=63878}



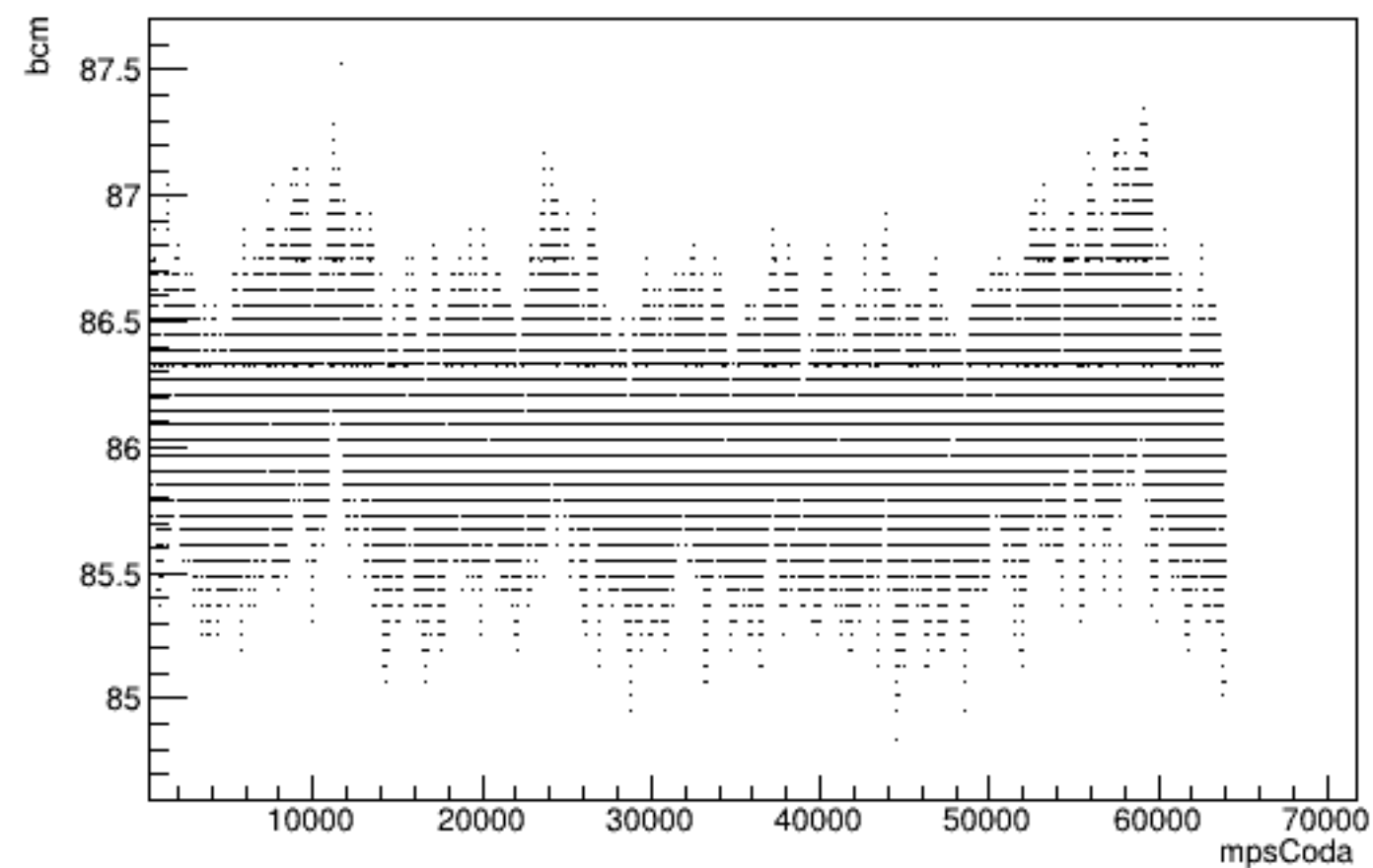
beamState + 1:mpsCoda {mpsCoda>=279 && mpsCoda<=63878}



cavPowerCalibrated:mpsCoda {mpsCoda>=279 && mpsCoda<=63878}



bcm:mpsCoda {mpsCoda>=279 && mpsCoda<=63878}



Cycle 2, Diffs

Entries: 2078

Mean: -0.0018 +/- 0.0043

Std Dev: 0.1946 +/- 0.0030

Entries: 3092

Mean: -0.1231 +/- 0.0052

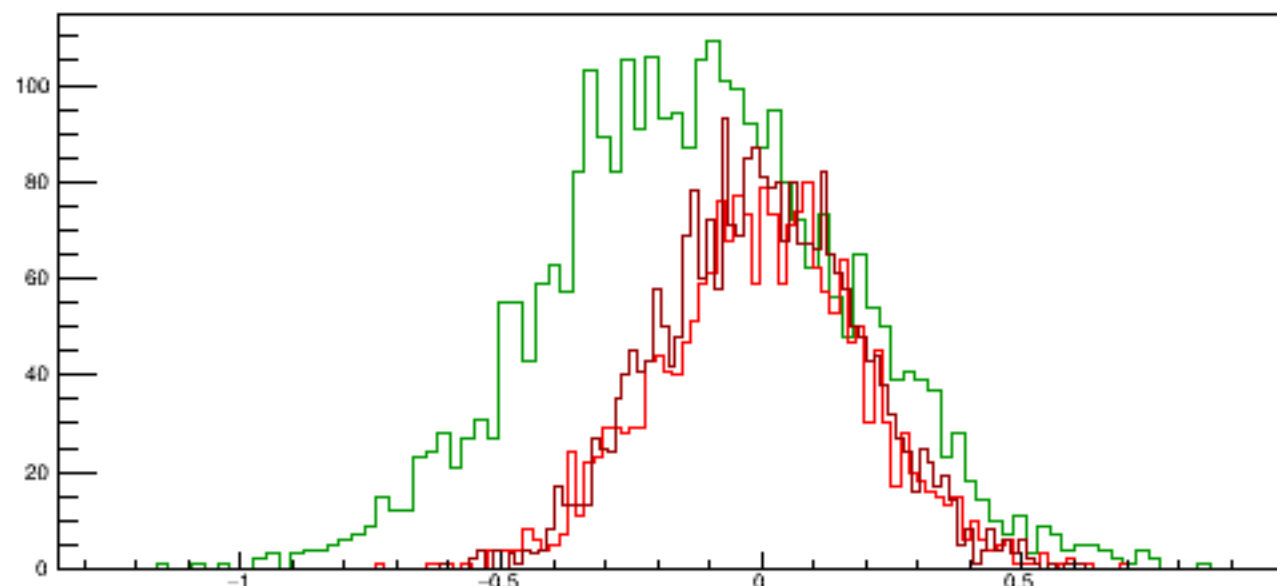
Std Dev: 0.2869 +/- 0.0036

Entries: 2648

Mean: -0.0035 +/- 0.0037

Std Dev: 0.1884 +/- 0.0026

Run 4615 quartetwise, Diffs



Cycle 2, Sums

Entries: 2078

Mean: 14.8637 +/- 0.0058

Std Dev: 0.2633 +/- 0.0041

Entries: 3092

Mean: 23.5684 +/- 0.0086

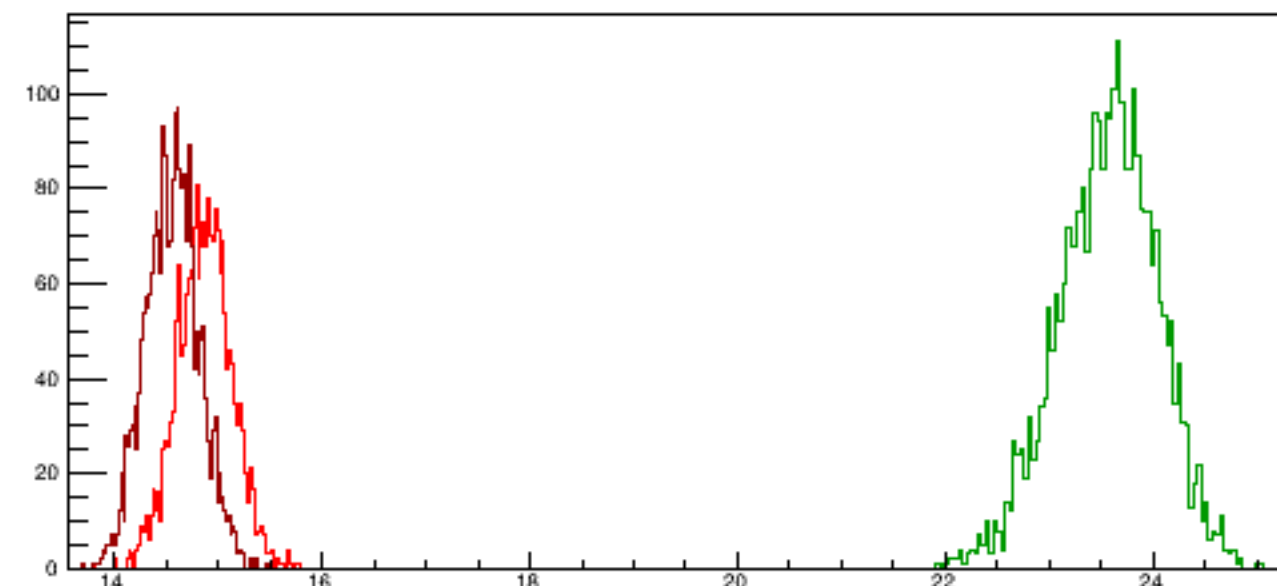
Std Dev: 0.4787 +/- 0.0061

Entries: 2648

Mean: 14.5537 +/- 0.0050

Std Dev: 0.2549 +/- 0.0035

Run 4615 quartetwise, Sums



Cycle 2, Asyms

Entries: 2078

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0220 +/- 0.0003

Entries: 3092

Mean: -0.0139 +/- 0.0006

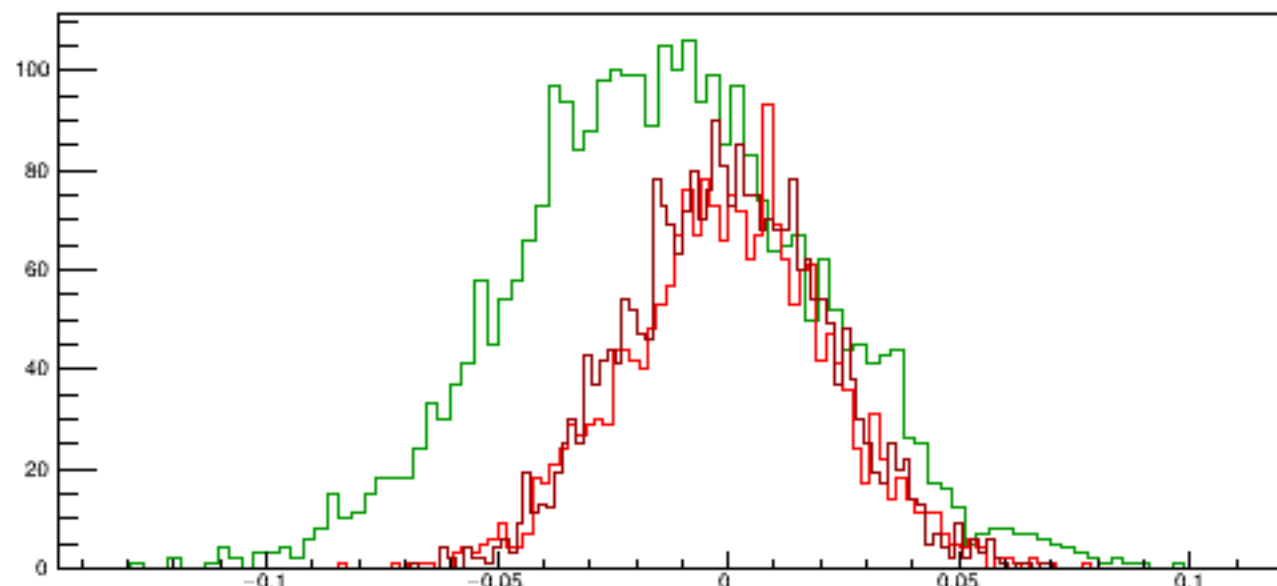
Std Dev: 0.0325 +/- 0.0004

Entries: 2648

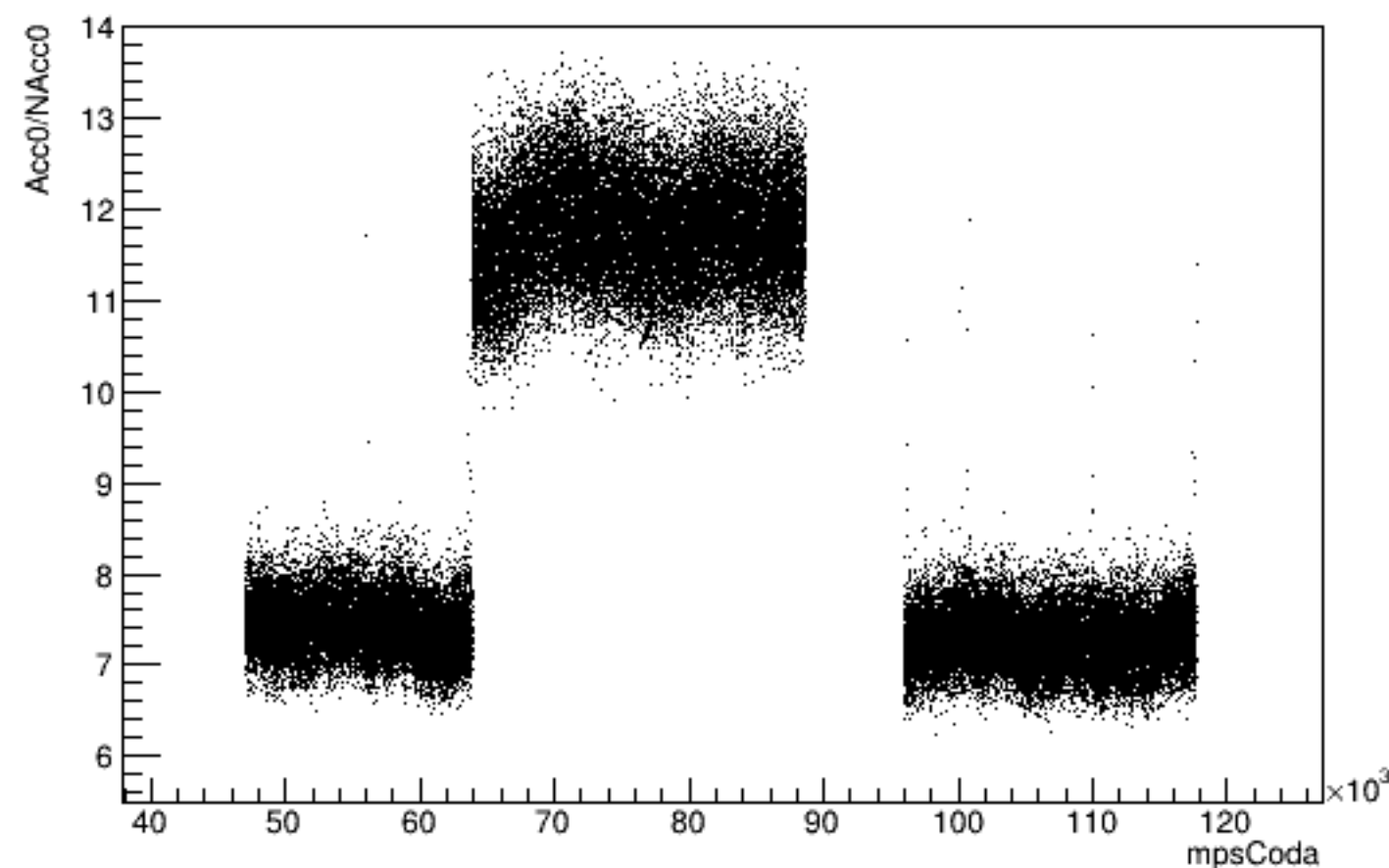
Mean: -0.0004 +/- 0.0004

Std Dev: 0.0213 +/- 0.0003

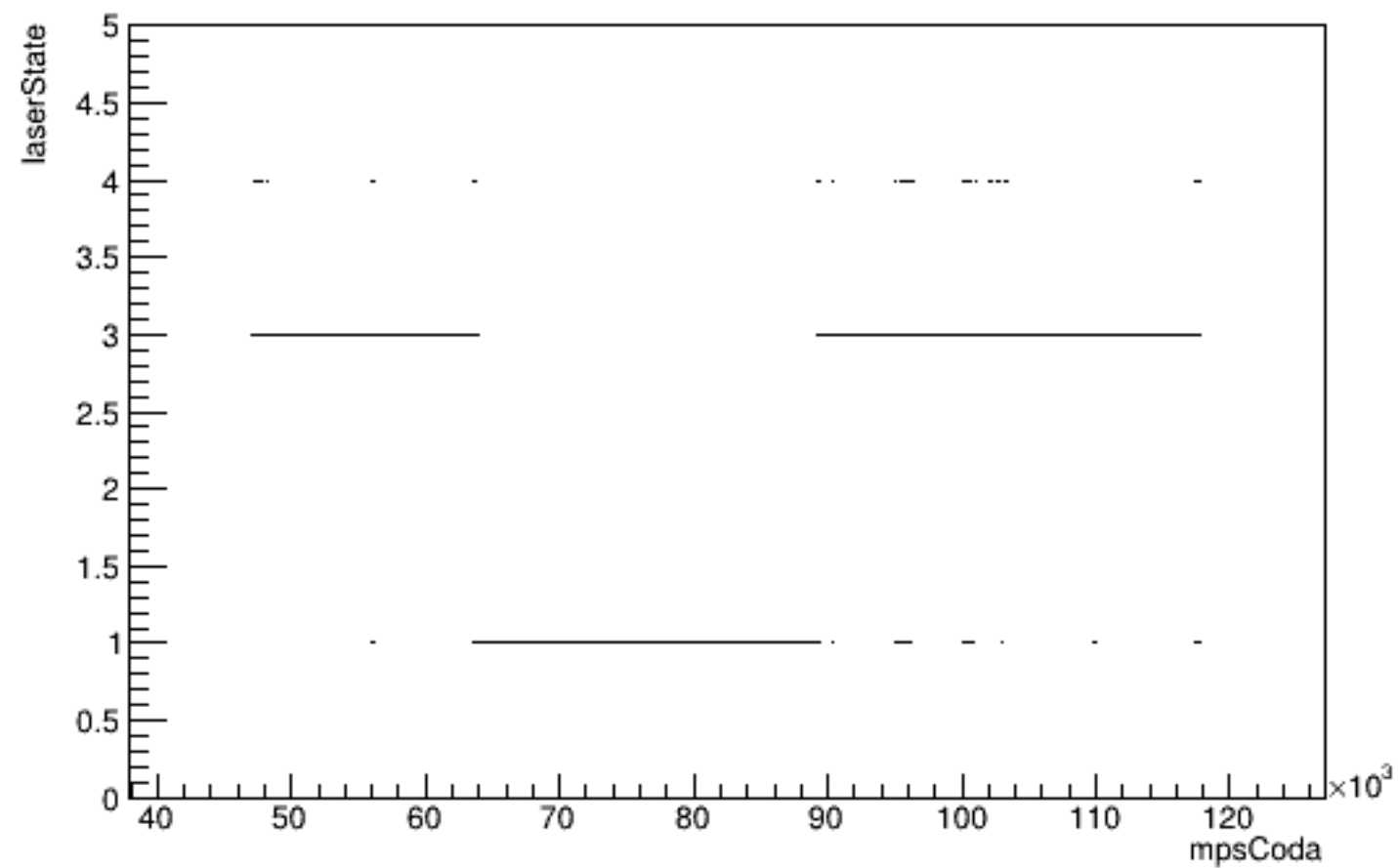
Run 4615 quartetwise, Asyms



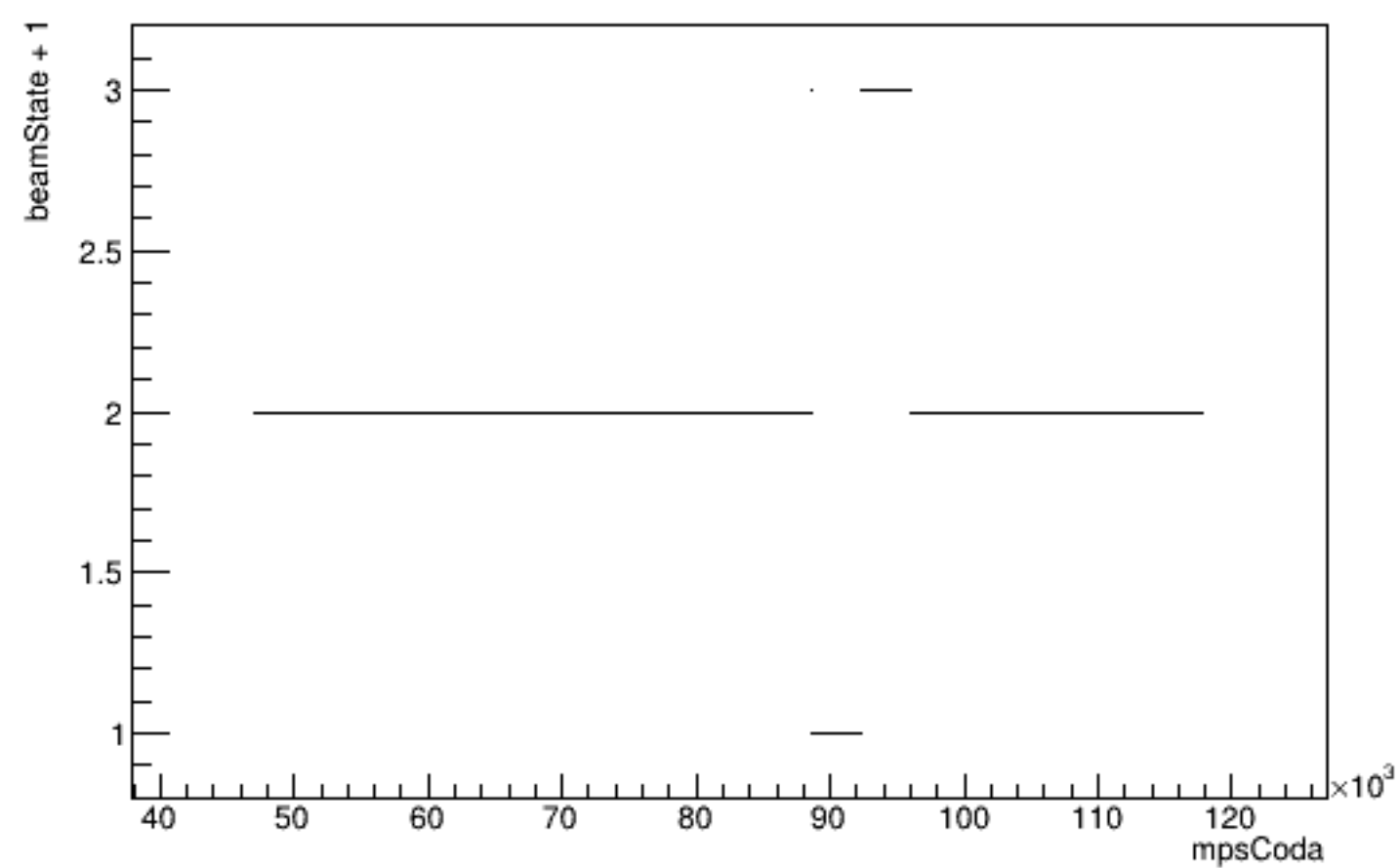
Acc0/NAcc0:mpsCoda {mpsCoda>=47039 && mpsCoda<=117686 && beamState==1}



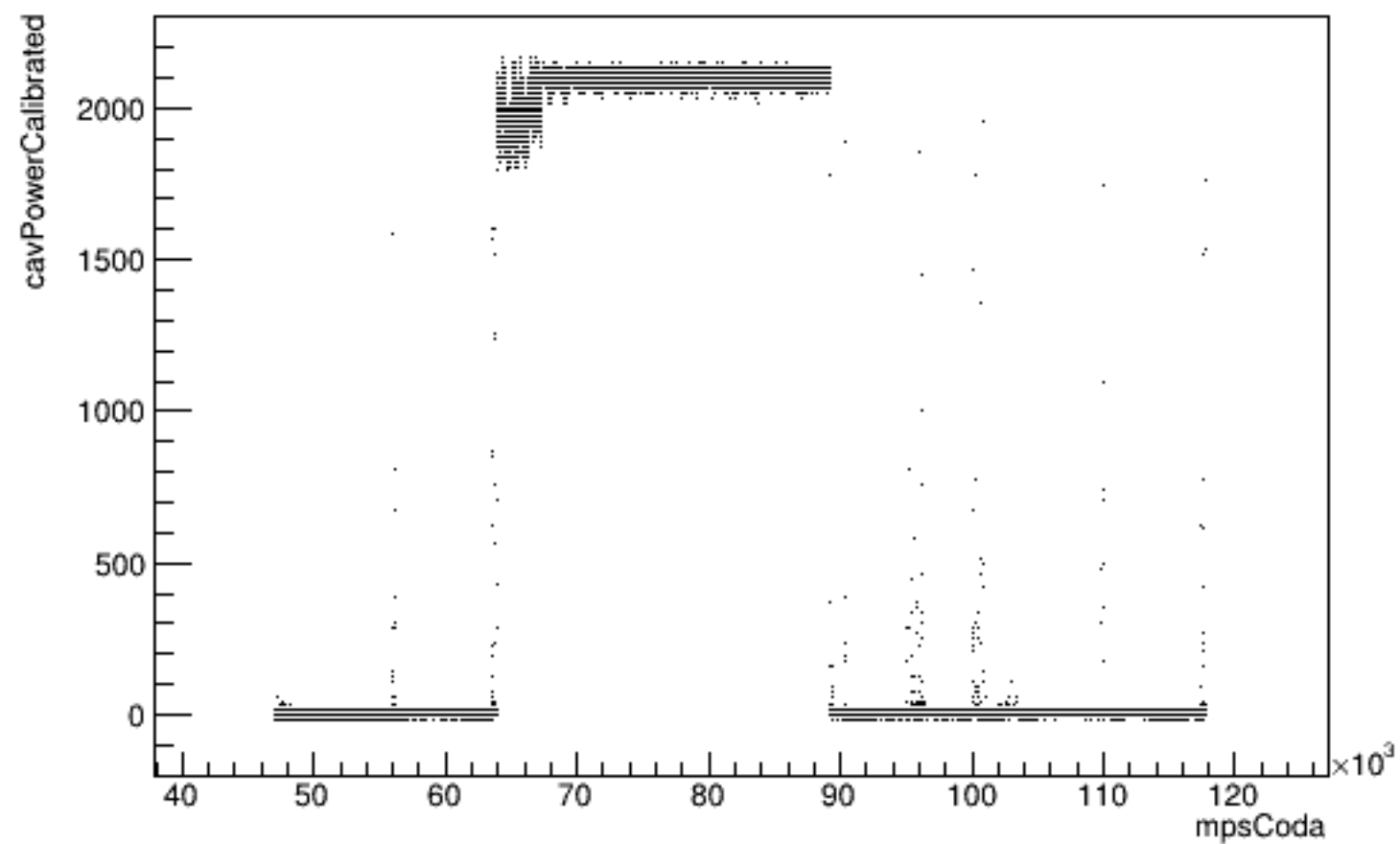
laserState:mpsCoda {mpsCoda>=47039 && mpsCoda<=117686}



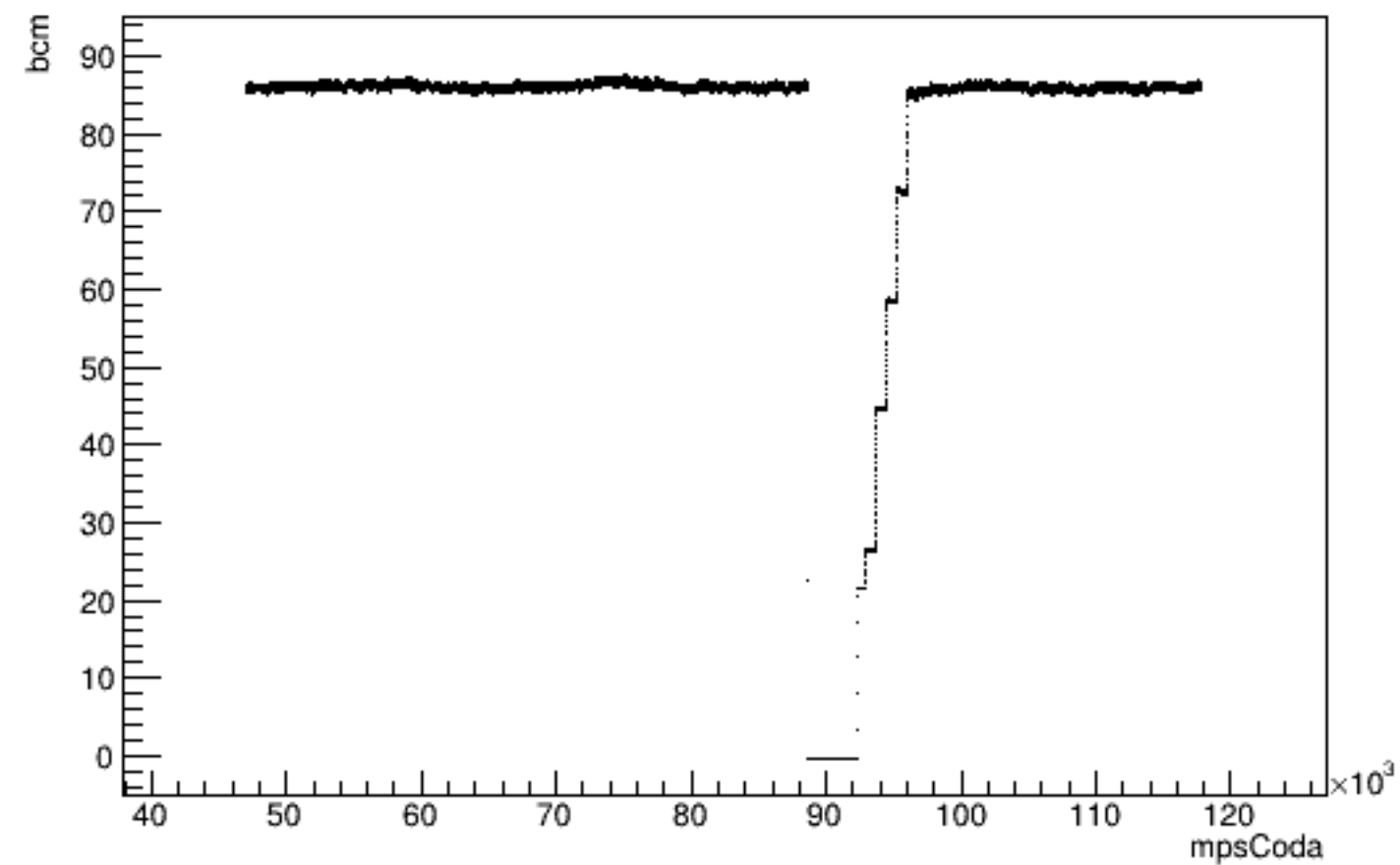
beamState + 1:mpsCoda {mpsCoda>=47039 && mpsCoda<=117686}



cavPowerCalibrated:mpsCoda {mpsCoda>=47039 && mpsCoda<=117686}



bcm:mpsCoda {mpsCoda>=47039 && mpsCoda<=117686}



Cycle 3, Diffs

Entries: 2648

Mean: -0.0035 +/- 0.0037

Std Dev: 0.1884 +/- 0.0026

Entries: 2745

Mean: -0.1210 +/- 0.0055

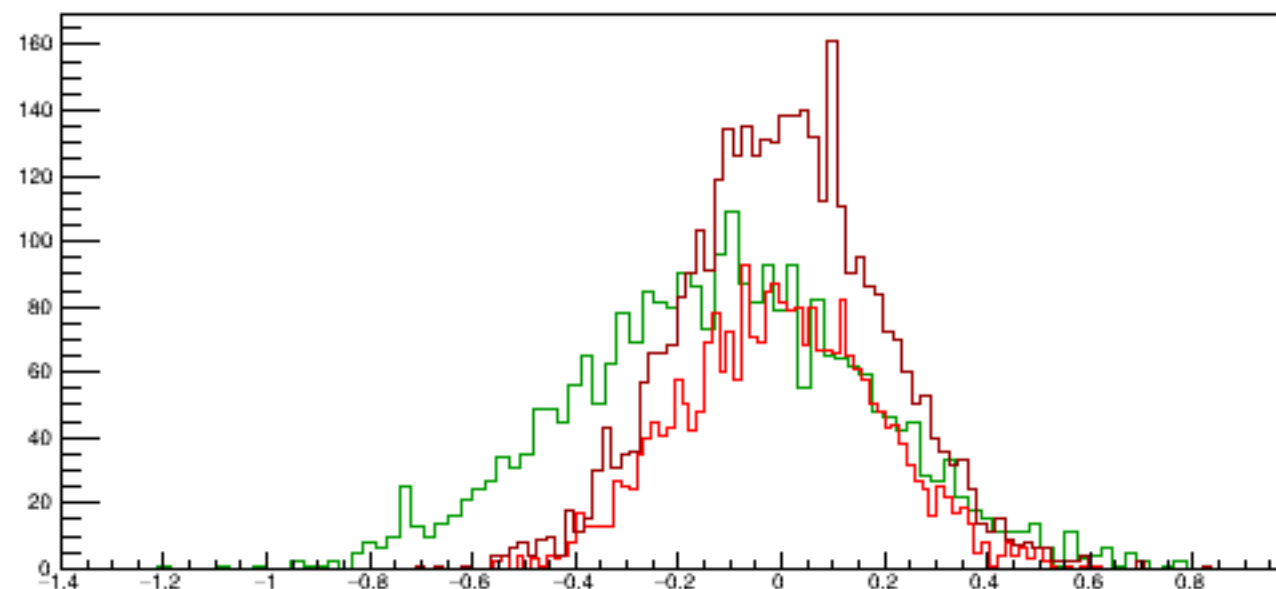
Std Dev: 0.2878 +/- 0.0039

Entries: 3642

Mean: 0.0000 +/- 0.0032

Std Dev: 0.1940 +/- 0.0023

Run 4615 quartetwise, Diffs



Cycle 3, Sums

Entries: 2648

Mean: 14.5537 +/- 0.0050

Std Dev: 0.2549 +/- 0.0035

Entries: 2745

Mean: 23.3945 +/- 0.0077

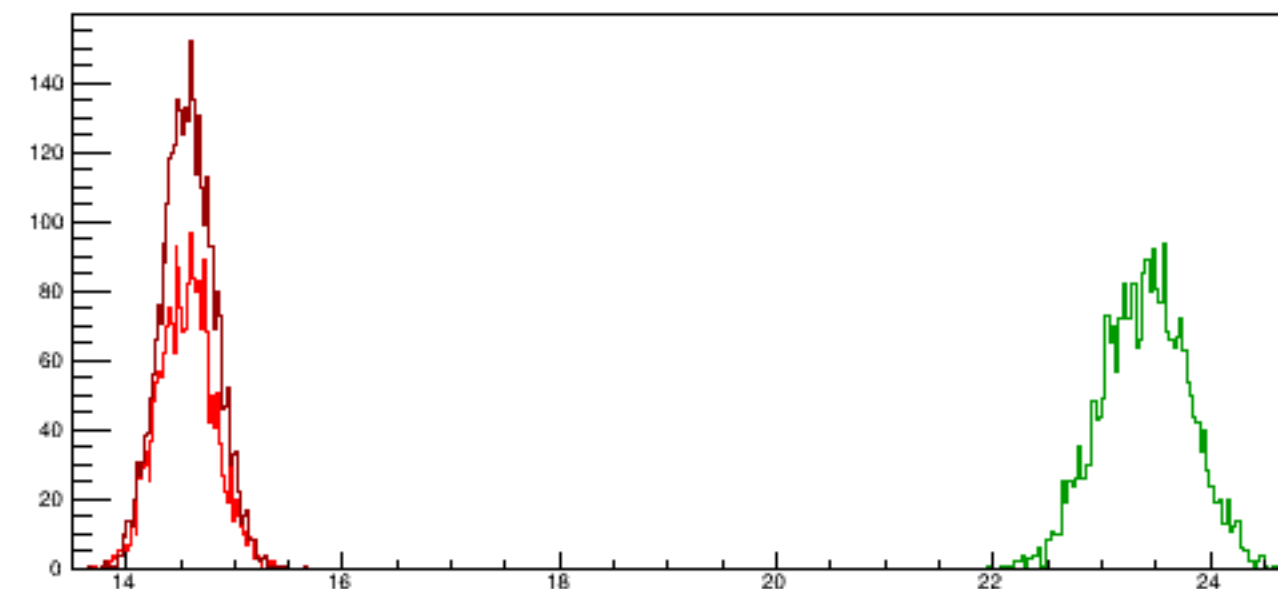
Std Dev: 0.4030 +/- 0.0054

Entries: 3642

Mean: 14.5722 +/- 0.0041

Std Dev: 0.2466 +/- 0.0029

Run 4615 quartetwise, Sums



Cycle 3, Asyms

Entries: 2648

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0213 +/- 0.0003

Entries: 2745

Mean: -0.0137 +/- 0.0006

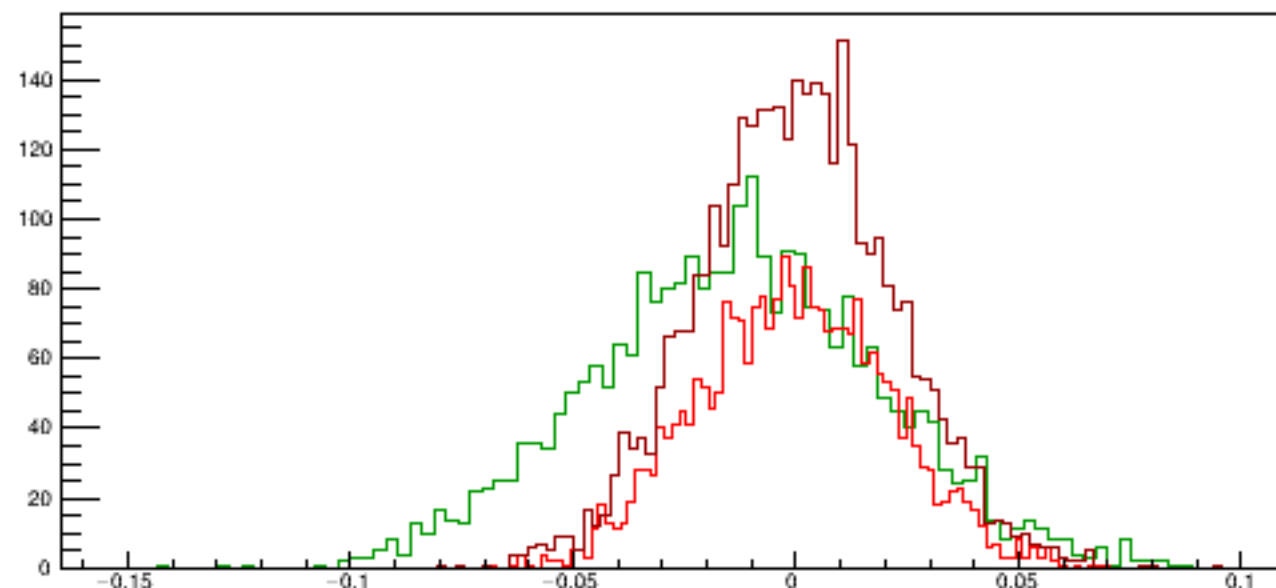
Std Dev: 0.0326 +/- 0.0004

Entries: 3642

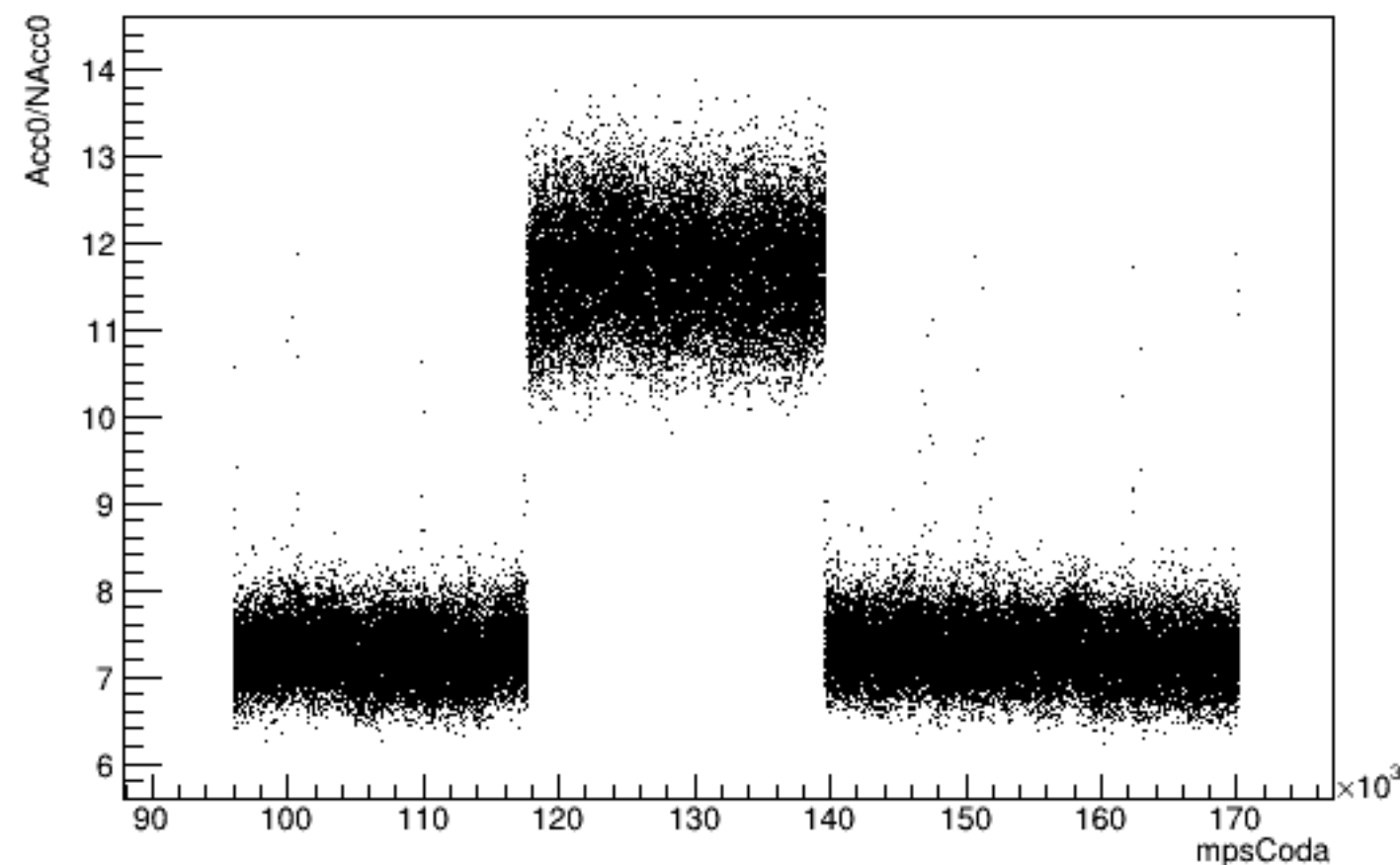
Mean: 0.0000 +/- 0.0004

Std Dev: 0.0220 +/- 0.0003

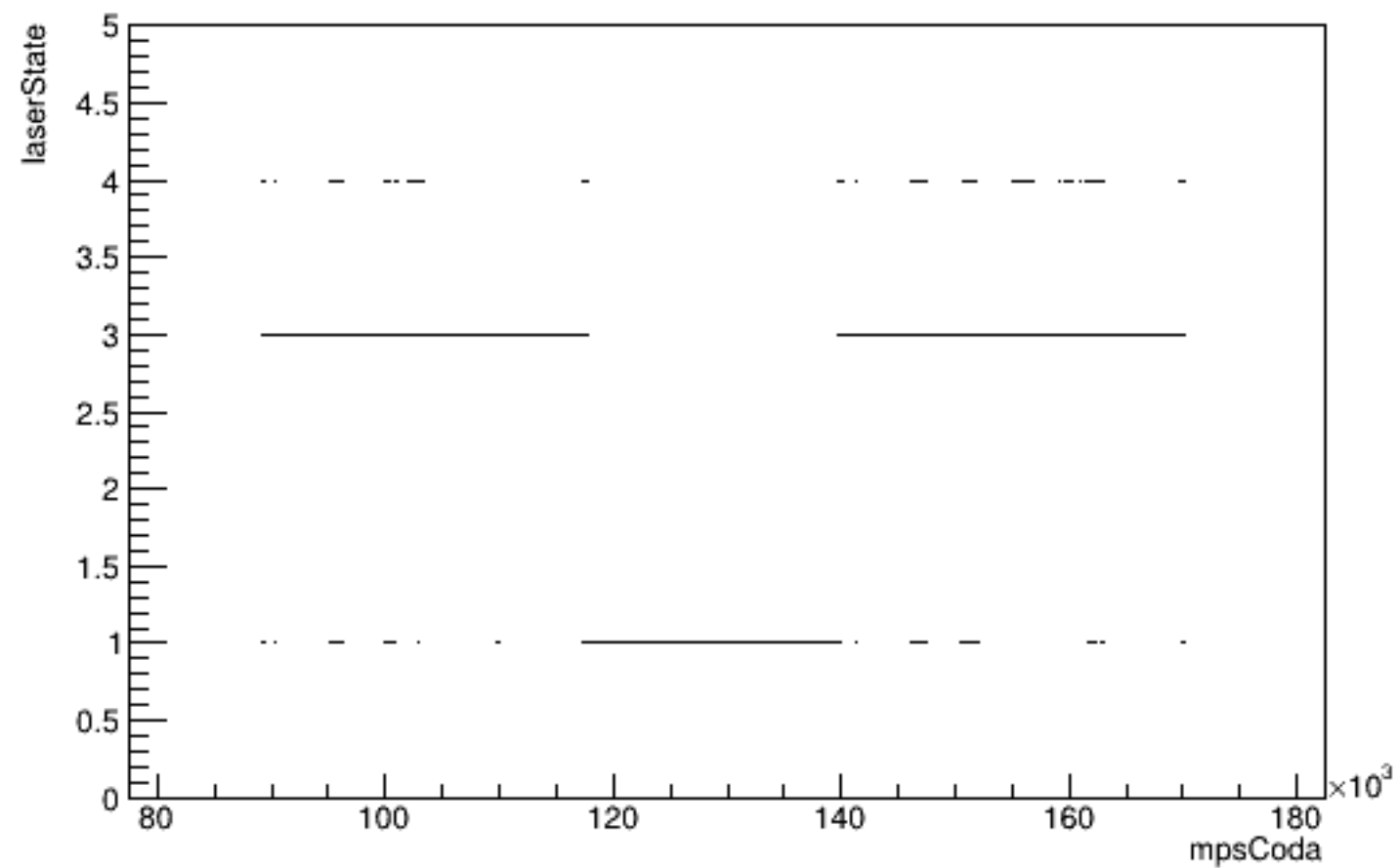
Run 4615 quartetwise, Asyms



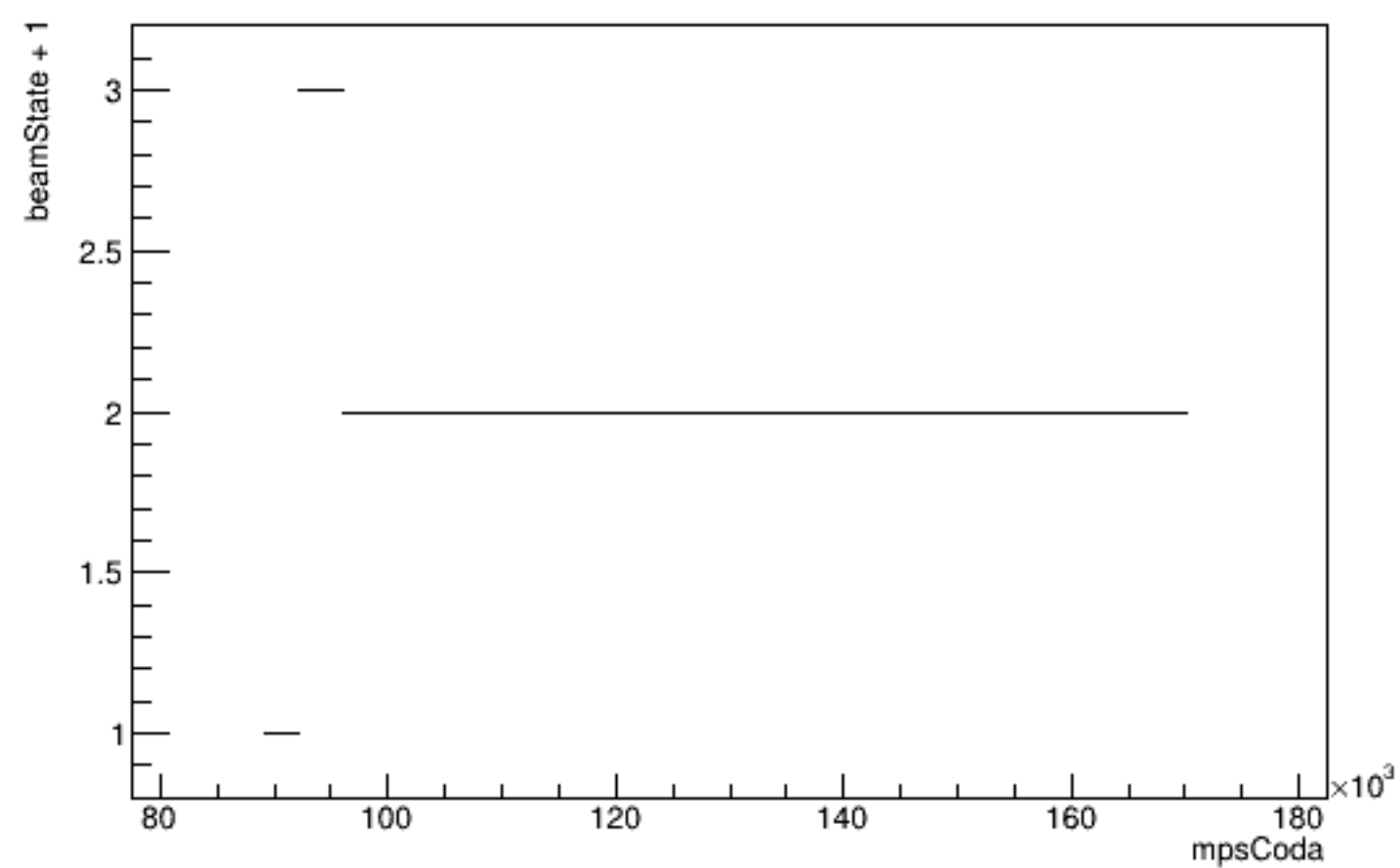
Acc0/NAcc0:mpsCoda {mpsCoda>=89199 && mpsCoda<=170078 && beamState==1}



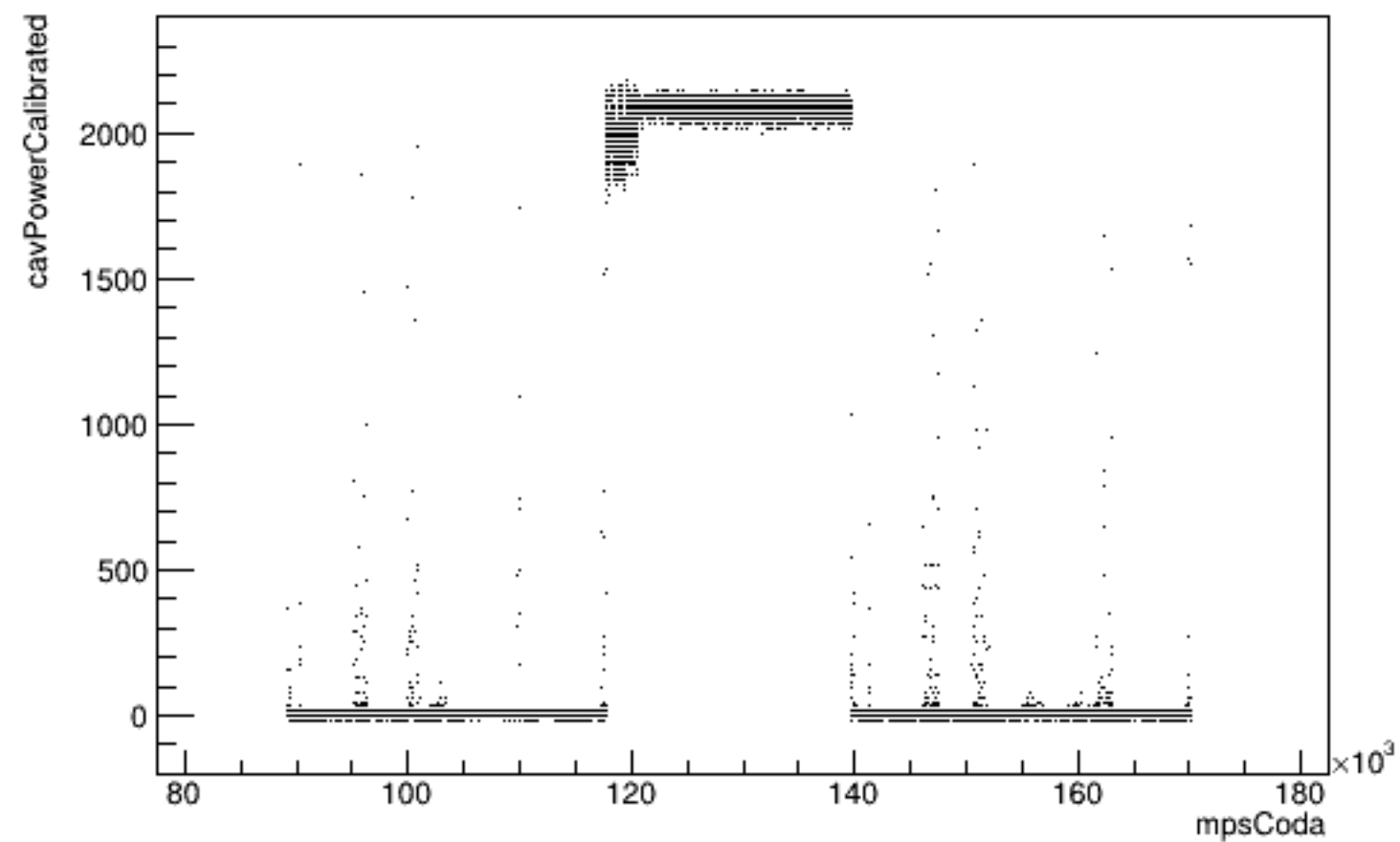
laserState:mpsCoda {mpsCoda>=89199 && mpsCoda<=170078}



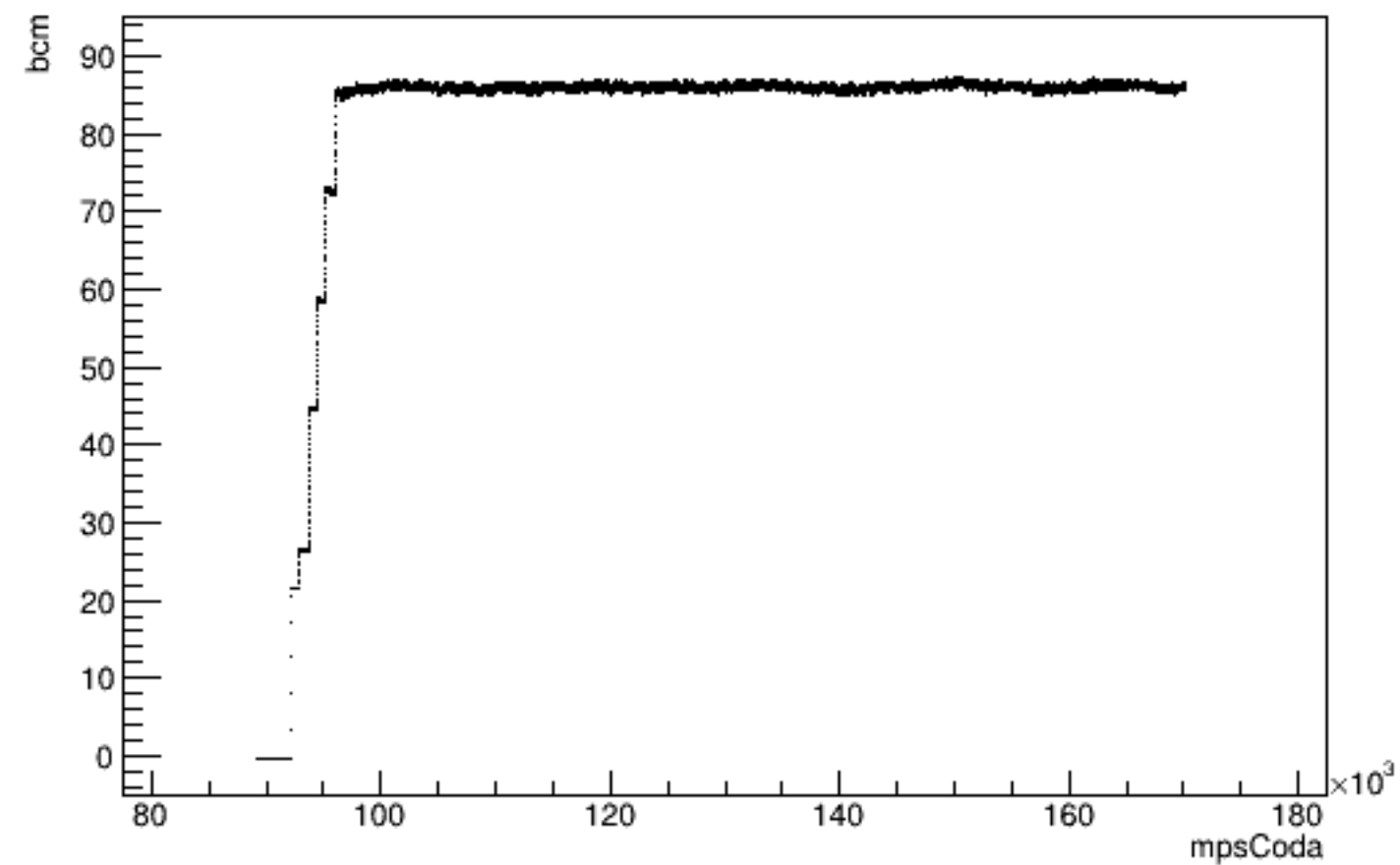
beamState + 1:mpsCoda {mpsCoda>=89199 && mpsCoda<=170078}



cavPowerCalibrated:mpsCoda {mpsCoda>=89199 && mpsCoda<=170078}



bcm:mpsCoda {mpsCoda>=89199 && mpsCoda<=170078}



Cycle 4, Diffs

Entries: 3642

Mean: 0.0000 +/- 0.0032

Std Dev: 0.1940 +/- 0.0023

Entries: 2175

Mean: -0.1226 +/- 0.0062

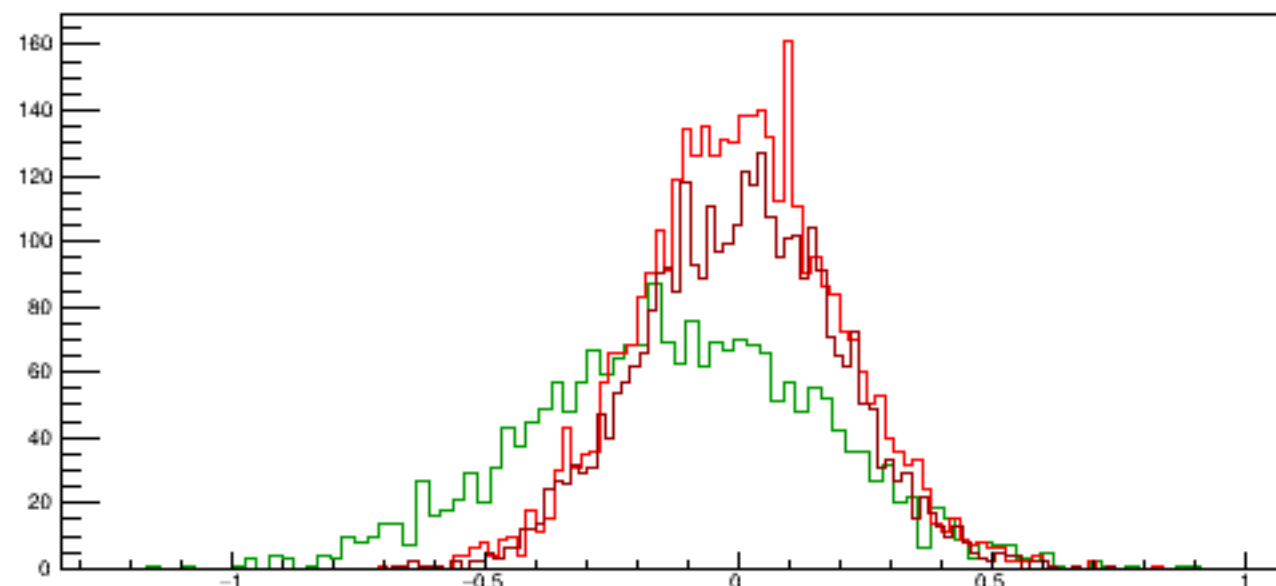
Std Dev: 0.2888 +/- 0.0044

Entries: 3295

Mean: 0.0016 +/- 0.0034

Std Dev: 0.1943 +/- 0.0024

Run 4615 quartetwise, Diffs



Cycle 4, Sums

Entries: 3642

Mean: 14.5722 +/- 0.0041

Std Dev: 0.2466 +/- 0.0029

Entries: 2175

Mean: 23.3816 +/- 0.0115

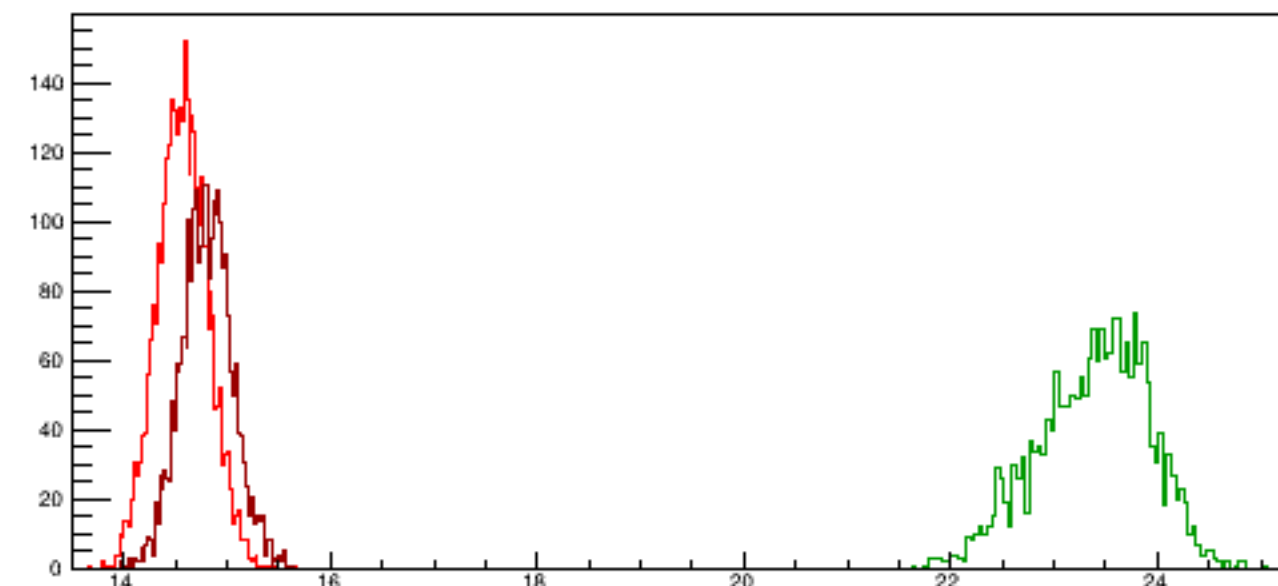
Std Dev: 0.5368 +/- 0.0081

Entries: 3295

Mean: 14.8015 +/- 0.0043

Std Dev: 0.2463 +/- 0.0030

Run 4615 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=139679 && mpsCoda<=215462 && beamState==1)

Cycle 4, Asyms

Entries: 3642

Mean: 0.0000 +/- 0.0004

Std Dev: 0.0223 +/- 0.0003

Entries: 2175

Mean: -0.0140 +/- 0.0007

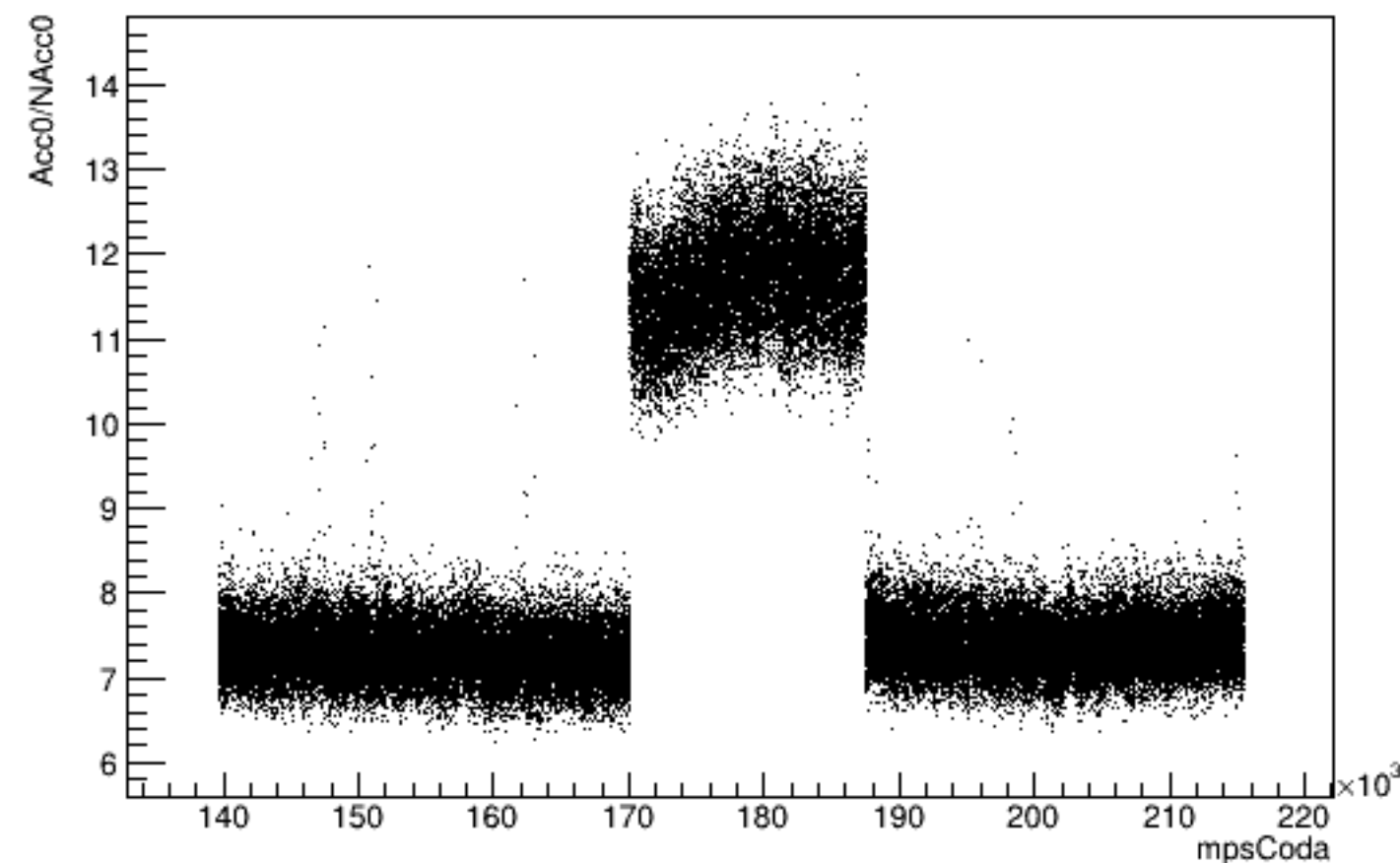
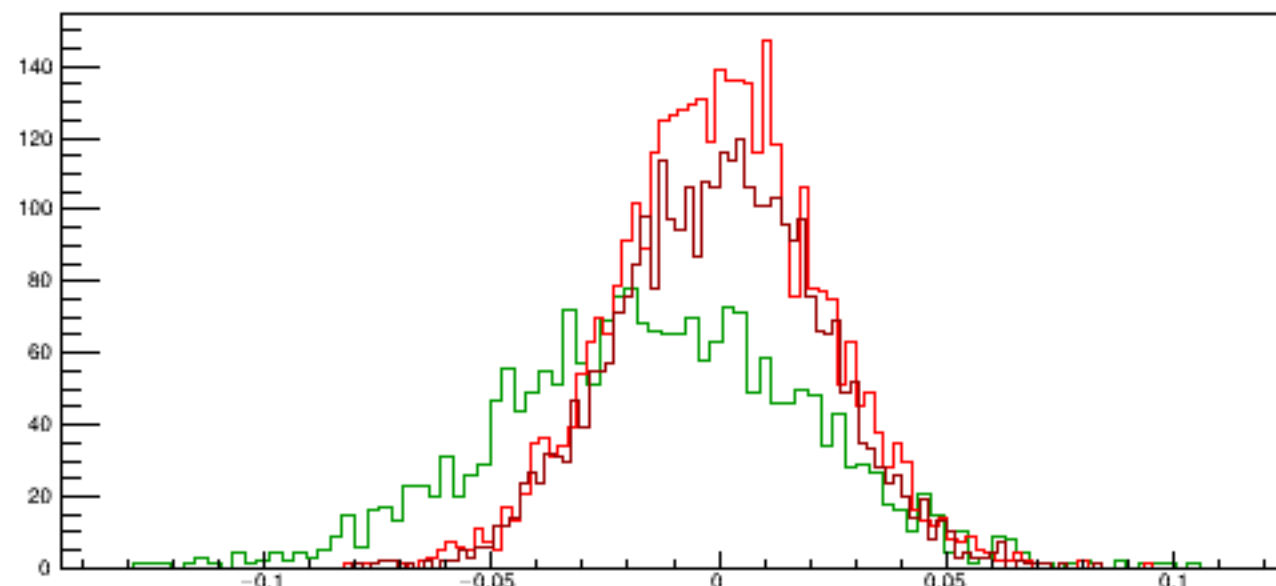
Std Dev: 0.0334 +/- 0.0005

Entries: 3295

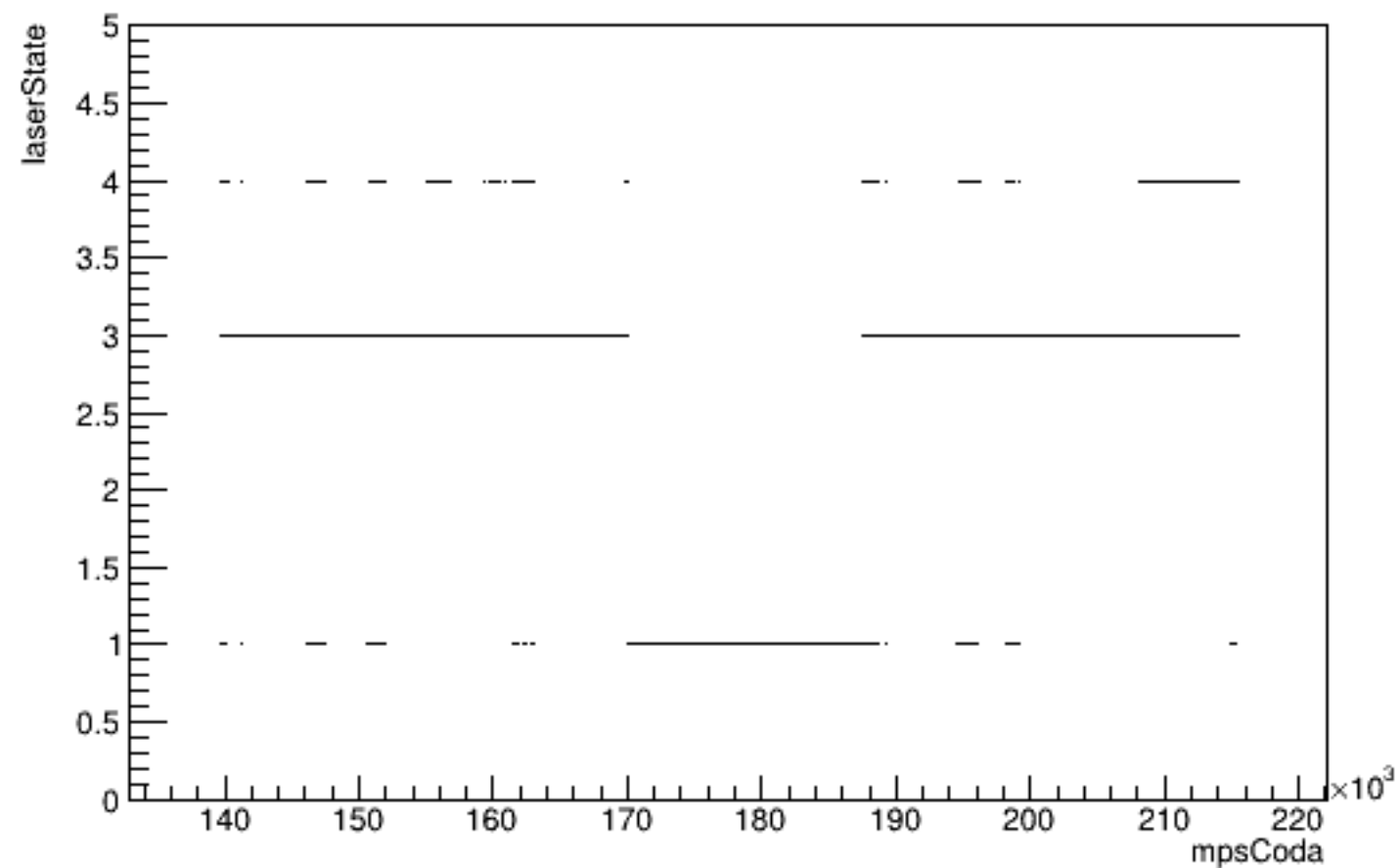
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0223 +/- 0.0003

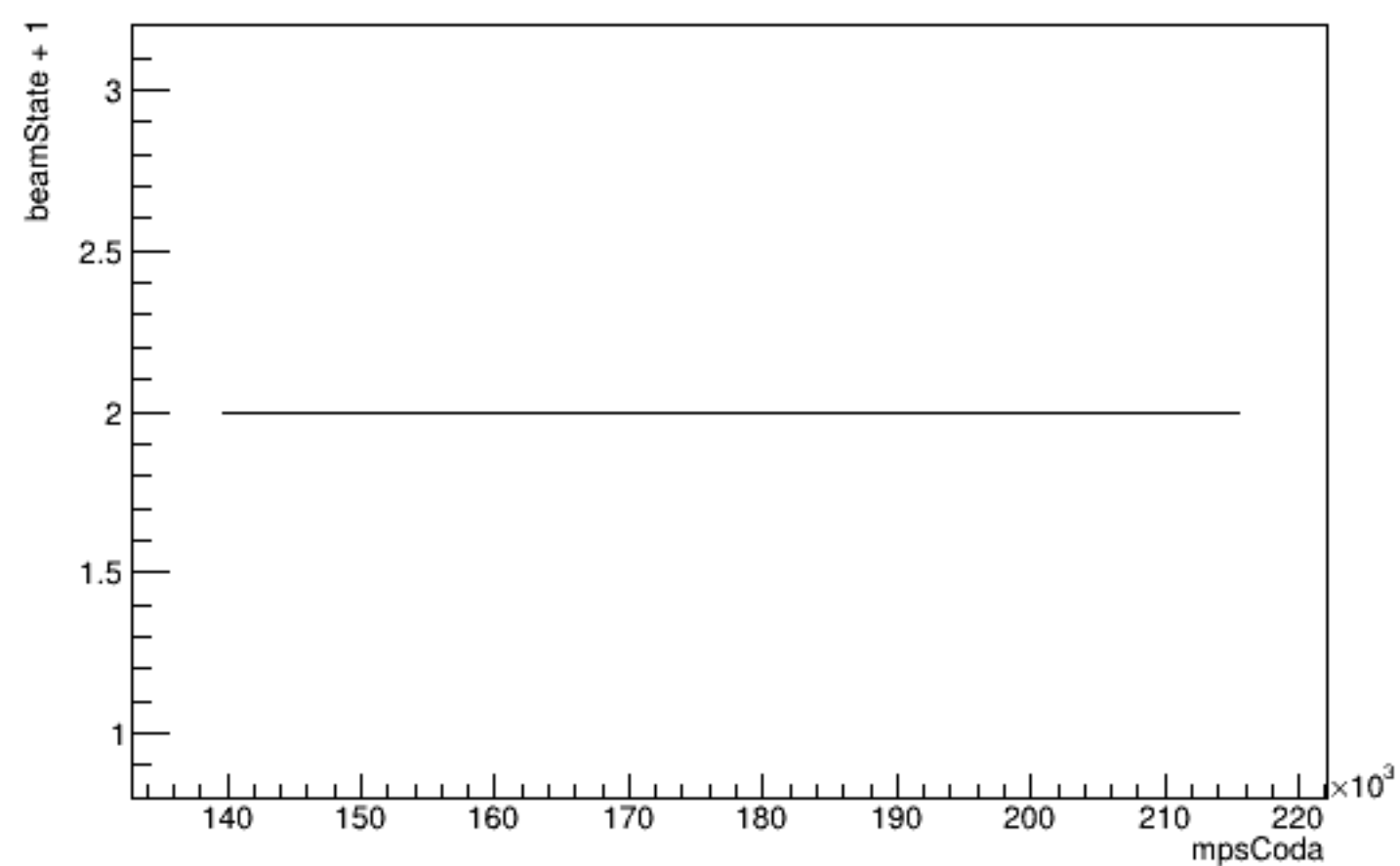
Run 4615 quartetwise, Asyms



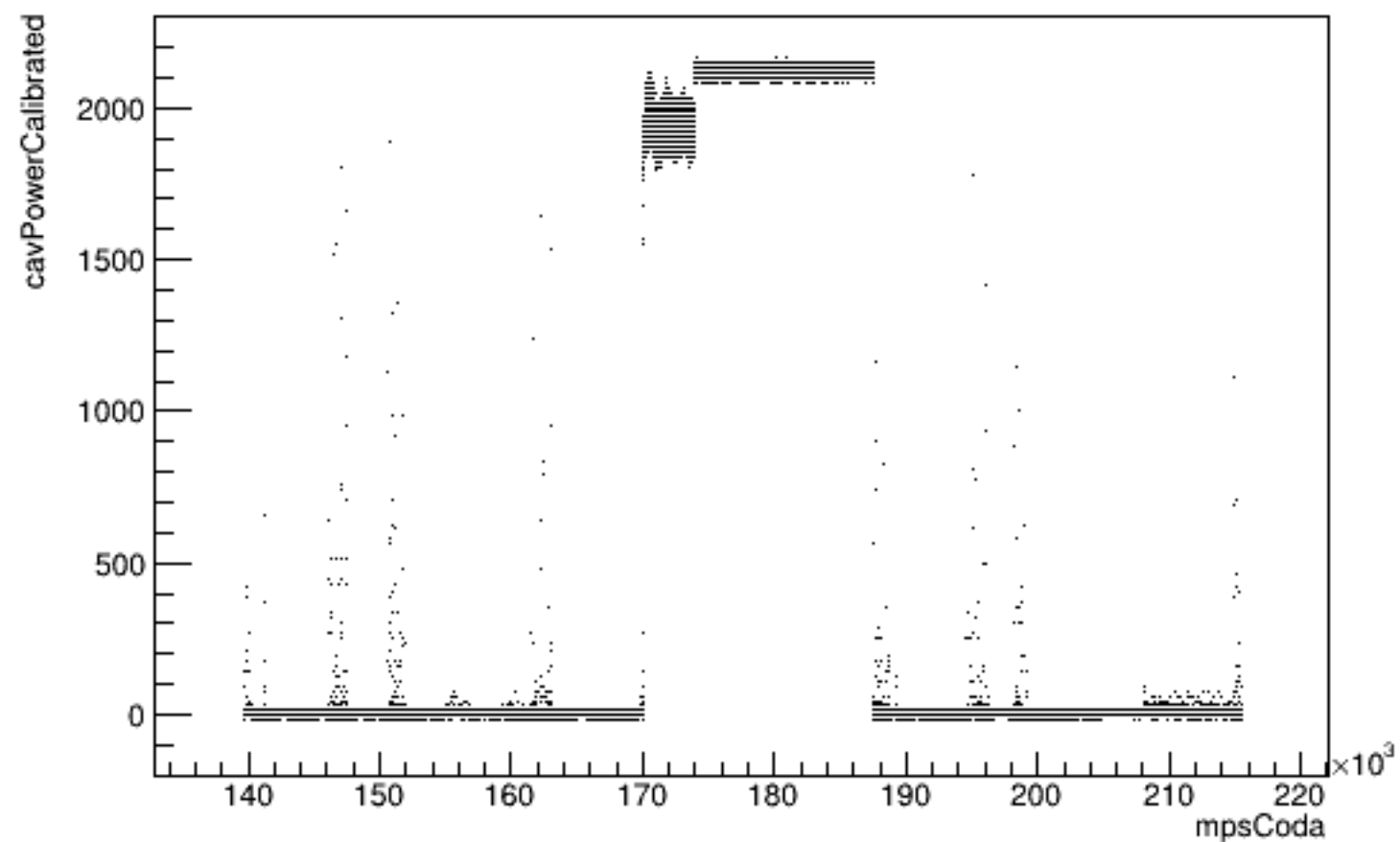
laserState:mpsCoda {mpsCoda>=139679 && mpsCoda<=215462}



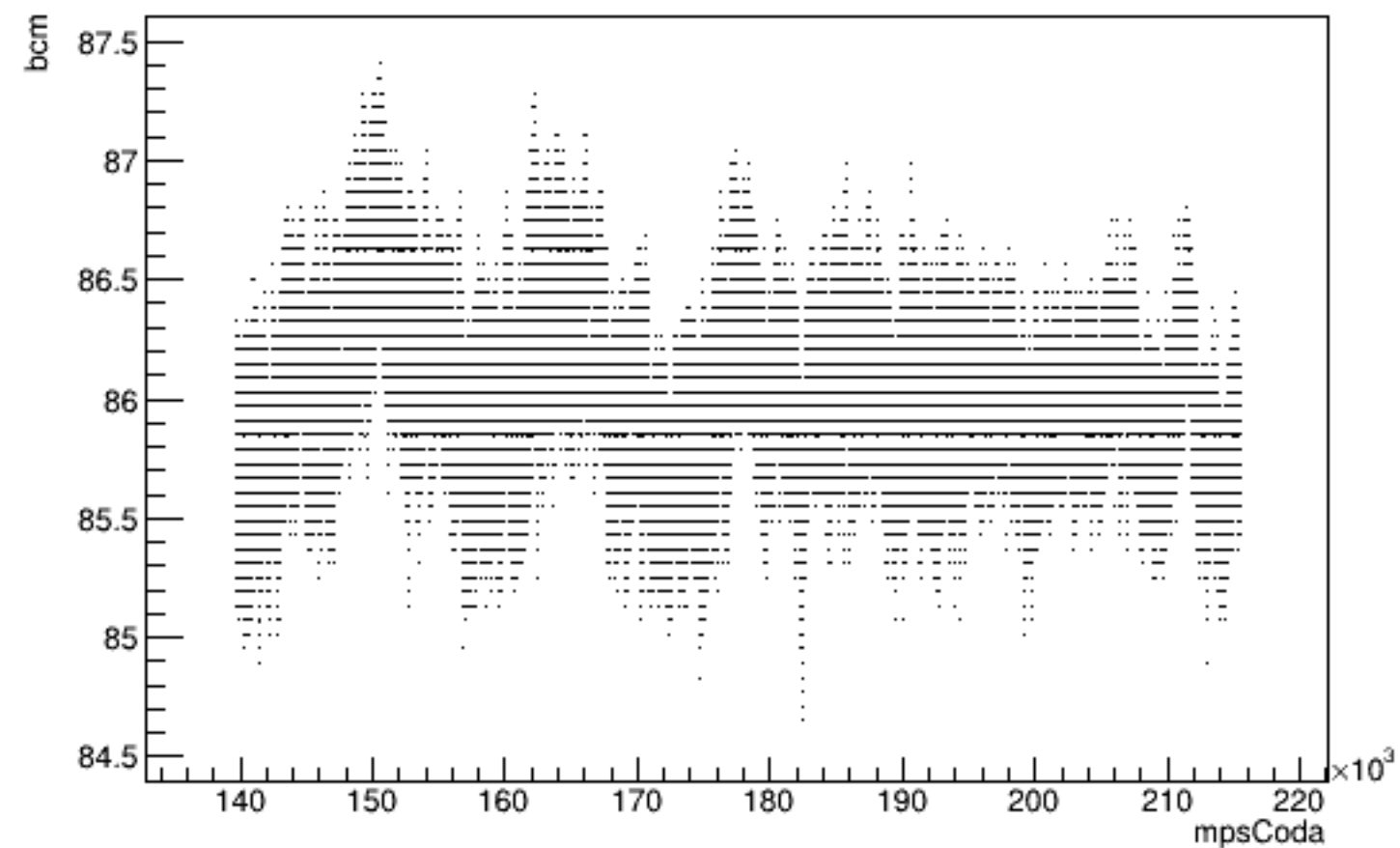
beamState + 1:mpsCoda {mpsCoda>=139679 && mpsCoda<=215462}



cavPowerCalibrated:mpsCoda {mpsCoda>=139679 && mpsCoda<=215462}



bcm:mpsCoda {mpsCoda>=139679 && mpsCoda<=215462}



Cycle 5, Diffs

Entries: 3295

Mean: 0.0016 +/- 0.0034

Std Dev: 0.1943 +/- 0.0024

Entries: 3494

Mean: -0.1301 +/- 0.0049

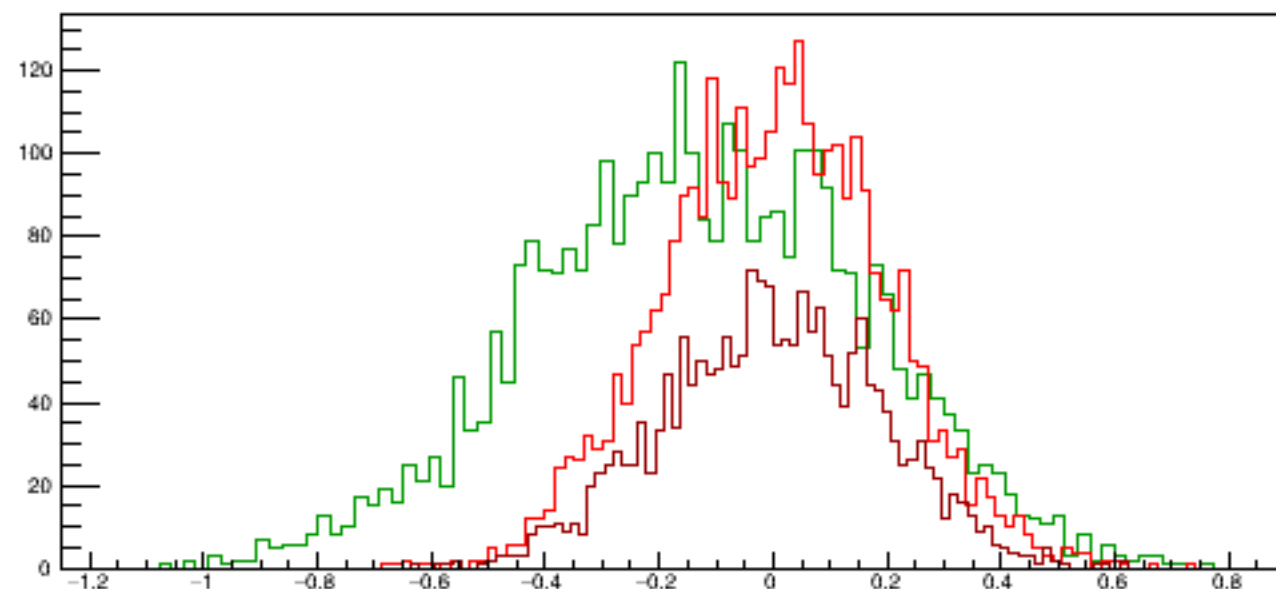
Std Dev: 0.2912 +/- 0.0035

Entries: 2007

Mean: -0.0021 +/- 0.0043

Std Dev: 0.1908 +/- 0.0030

Run 4615 quartetwise, Diffs



Cycle 5, Sums

Entries: 3295

Mean: 14.8015 +/- 0.0043

Std Dev: 0.2463 +/- 0.0030

Entries: 3494

Mean: 23.4904 +/- 0.0087

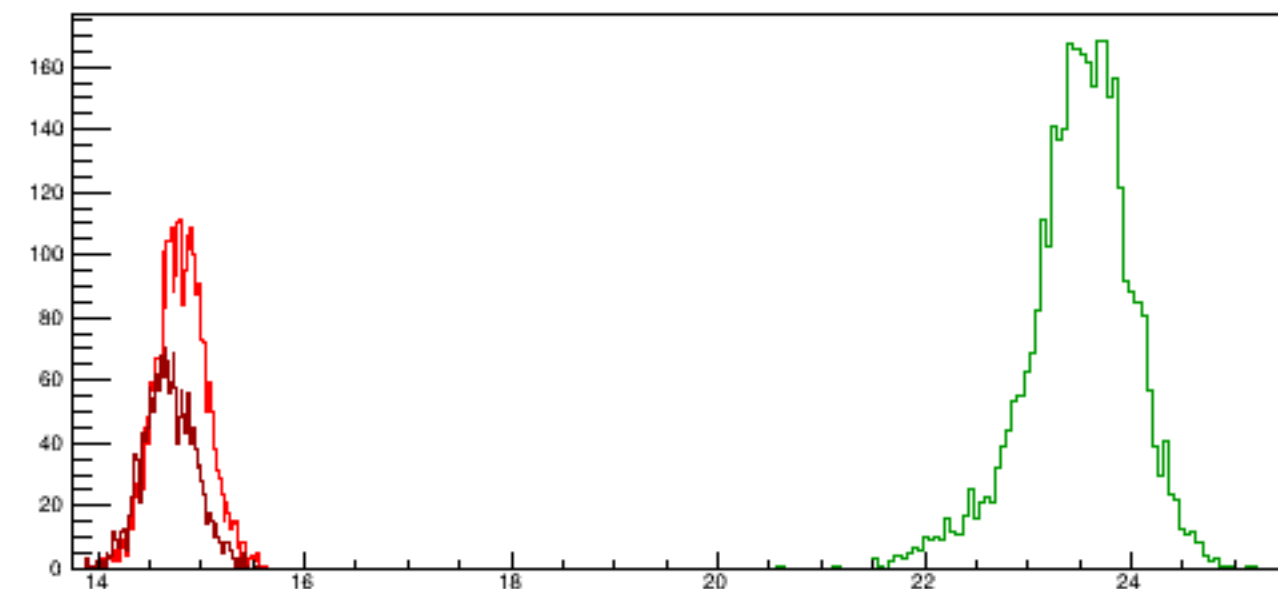
Std Dev: 0.5122 +/- 0.0061

Entries: 2007

Mean: 14.6884 +/- 0.0056

Std Dev: 0.2501 +/- 0.0039

Run 4615 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=187495 && mpsCoda<=260366 && beamState==1)

Cycle 5, Asyms

Entries: 3295

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0222 +/- 0.0003

Entries: 3494

Mean: -0.0148 +/- 0.0006

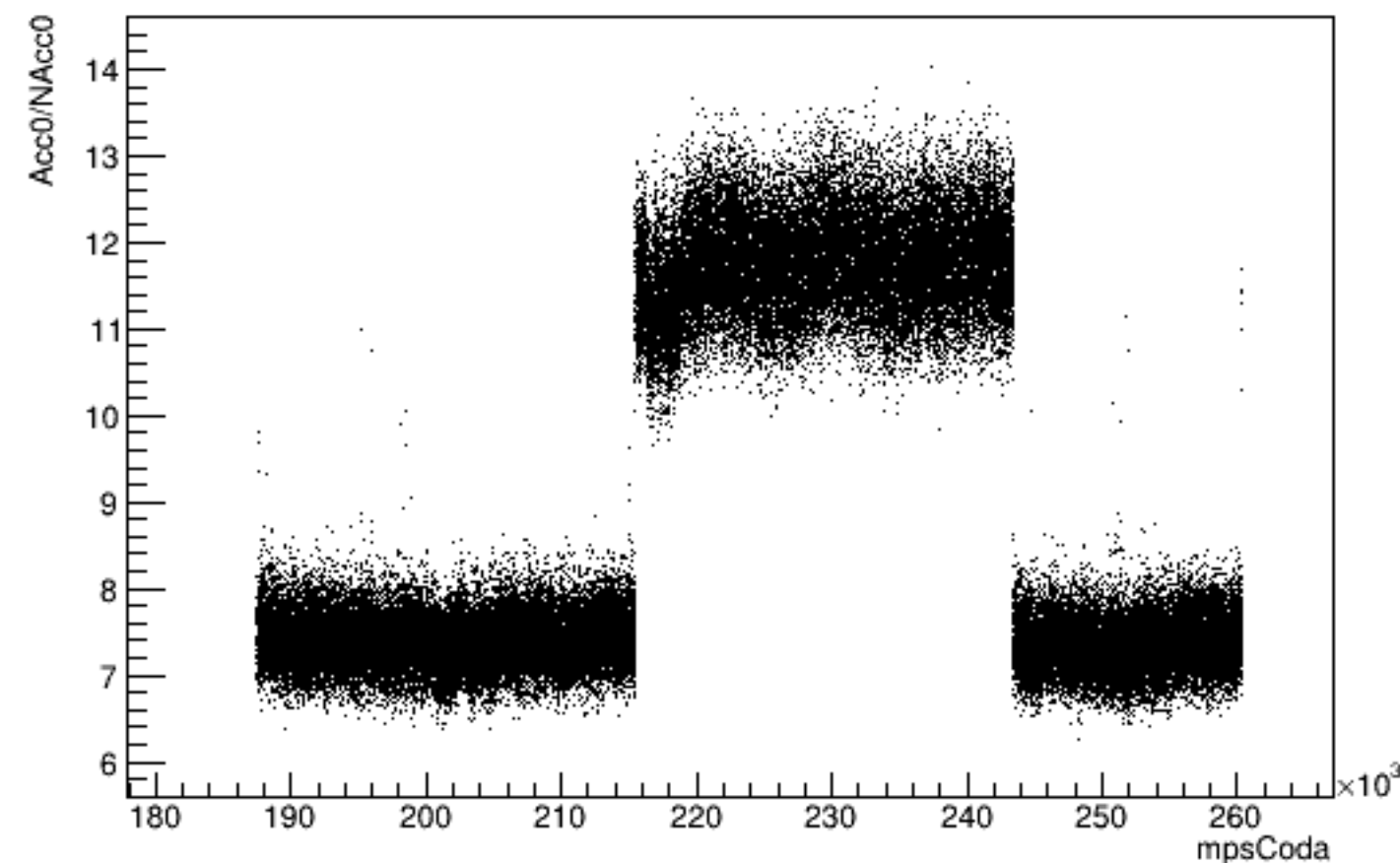
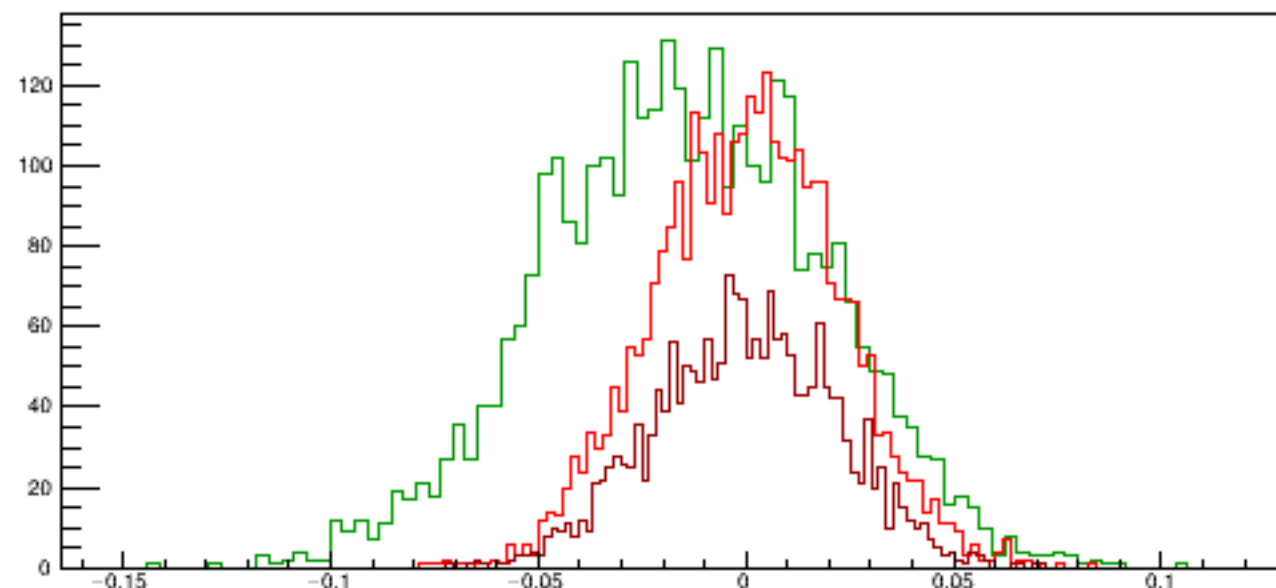
Std Dev: 0.0335 +/- 0.0004

Entries: 2007

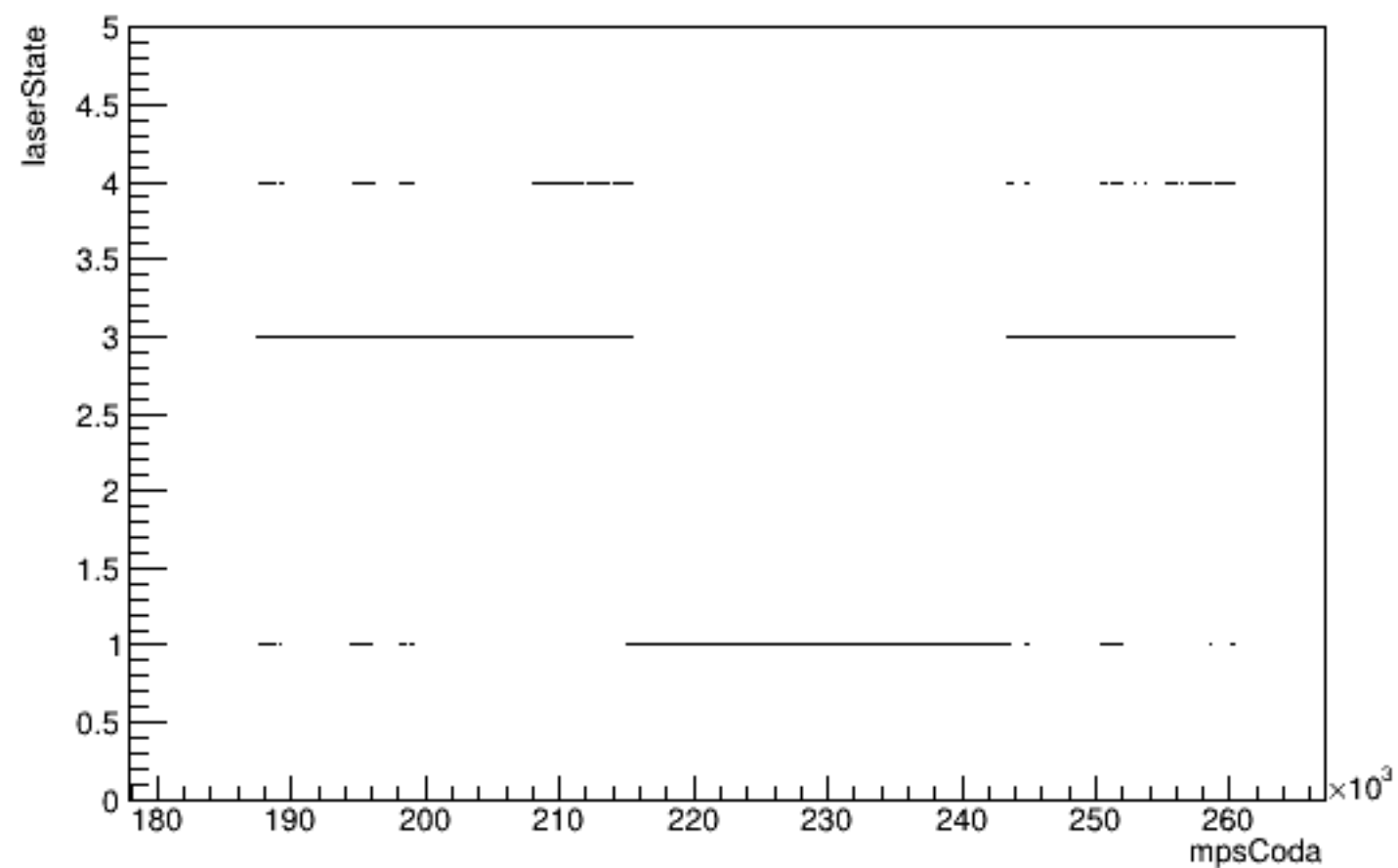
Mean: -0.0002 +/- 0.0005

Std Dev: 0.0218 +/- 0.0003

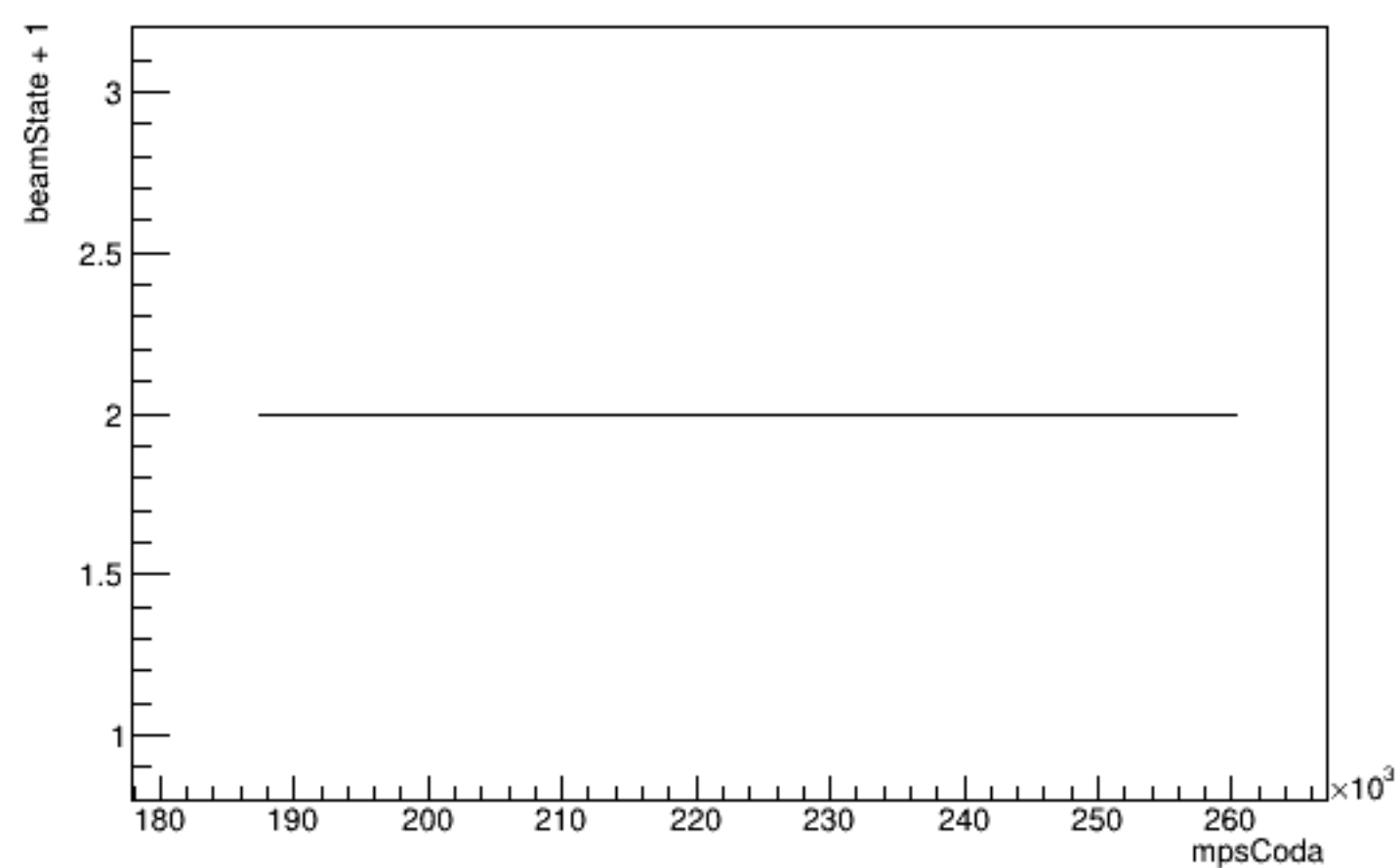
Run 4615 quartetwise, Asyms



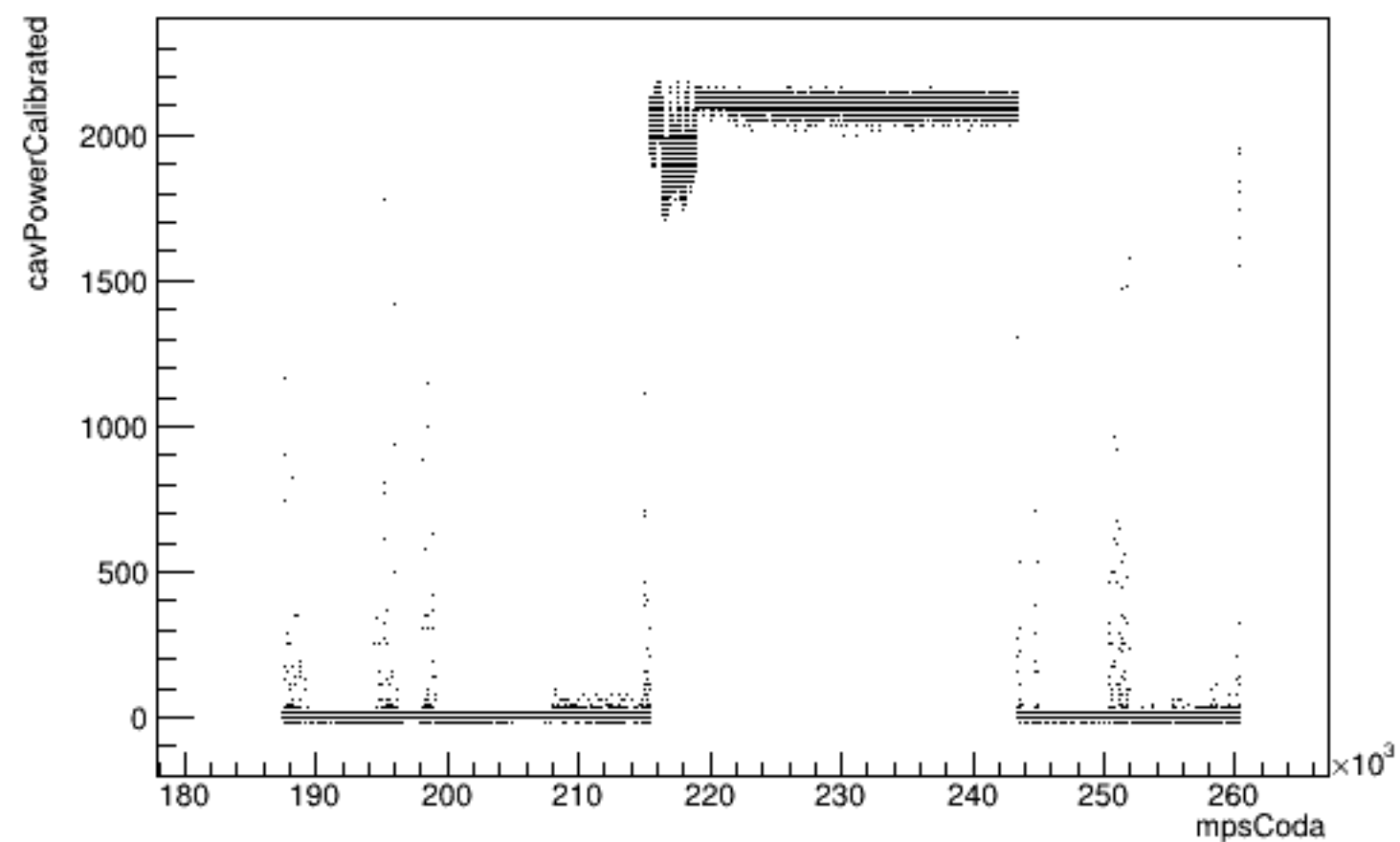
laserState:mpsCoda {mpsCoda>=187495 && mpsCoda<=260366}



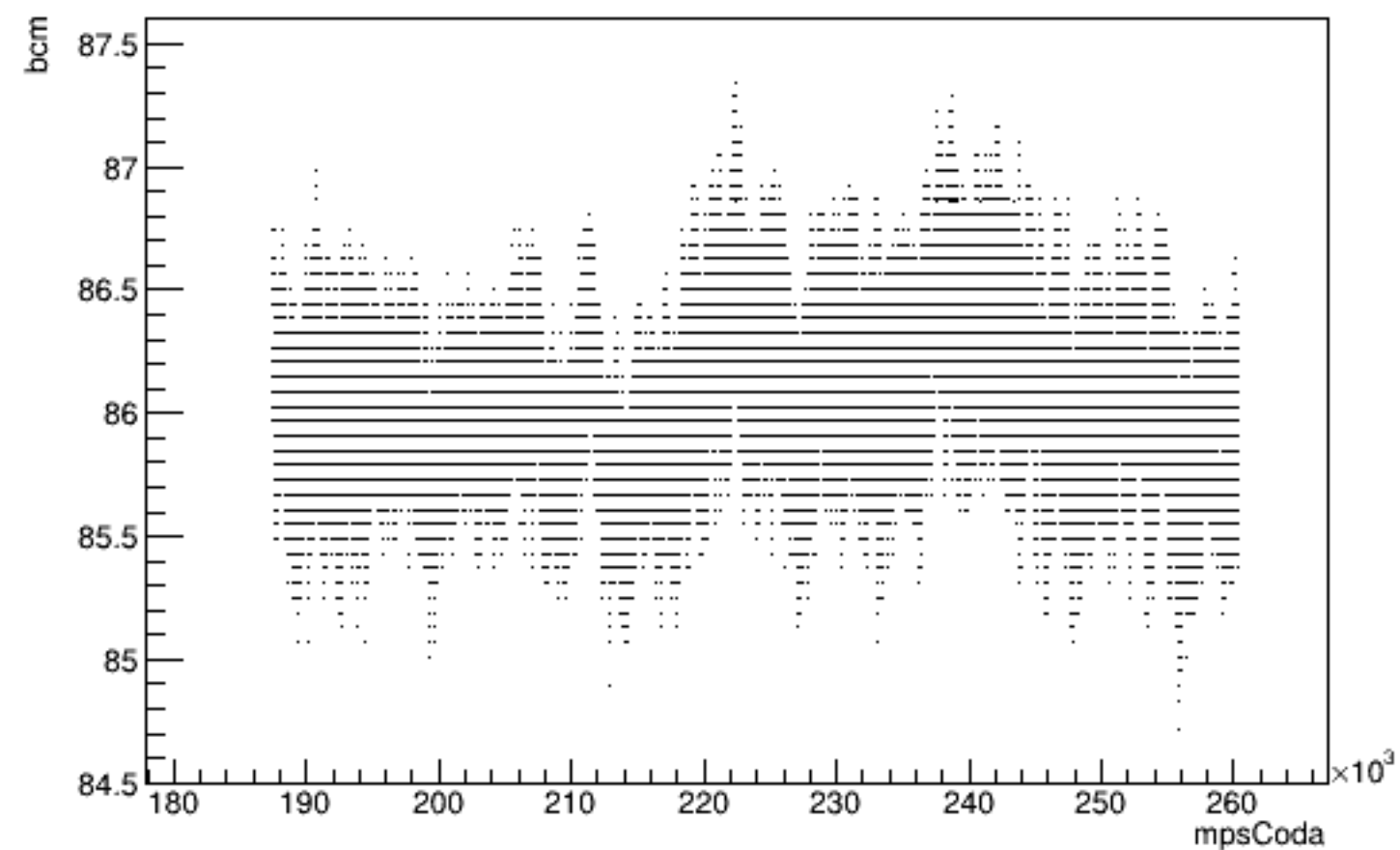
beamState + 1:mpsCoda {mpsCoda>=187495 && mpsCoda<=260366}



cavPowerCalibrated:mpsCoda {mpsCoda>=187495 && mpsCoda<=260366}



bcm:mpsCoda {mpsCoda>=187495 && mpsCoda<=260366}



Cycle 6, Diffs

Entries: 2007

Mean: -0.0021 +/- 0.0043

Std Dev: 0.1908 +/- 0.0030

Entries: 4673

Mean: -0.1214 +/- 0.0042

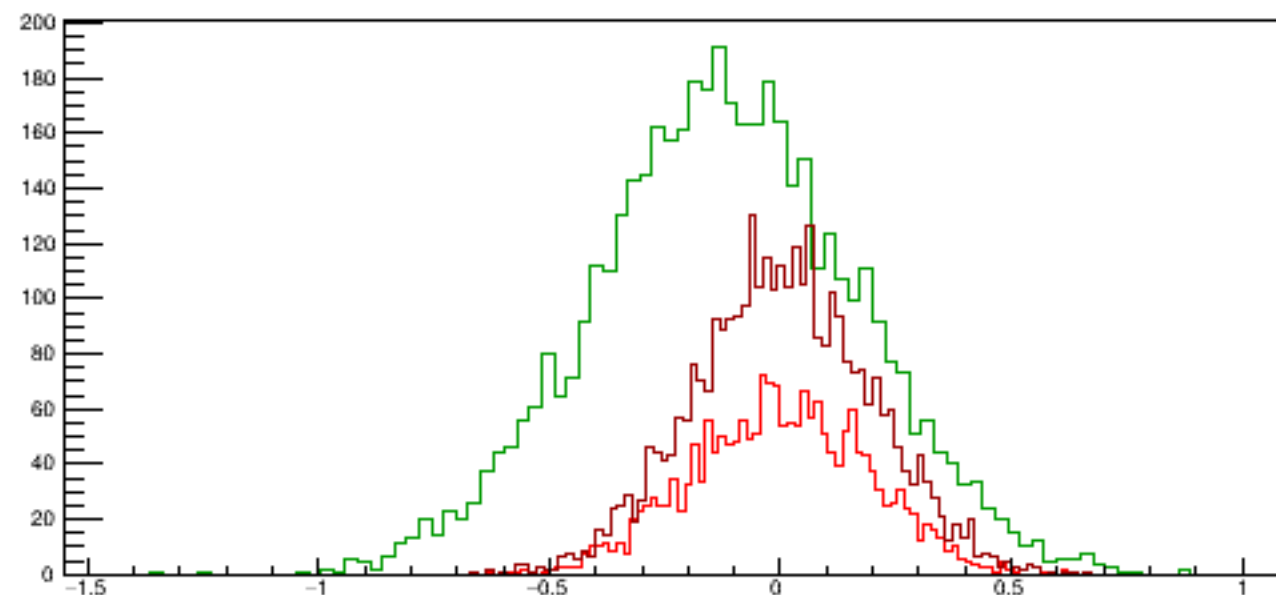
Std Dev: 0.2858 +/- 0.0030

Entries: 3387

Mean: 0.0039 +/- 0.0033

Std Dev: 0.1928 +/- 0.0023

Run 4615 quartetwise, Diffs



Cycle 6, Sums

Entries: 2007

Mean: 14.6884 +/- 0.0056

Std Dev: 0.2501 +/- 0.0039

Entries: 4673

Mean: 23.6309 +/- 0.0070

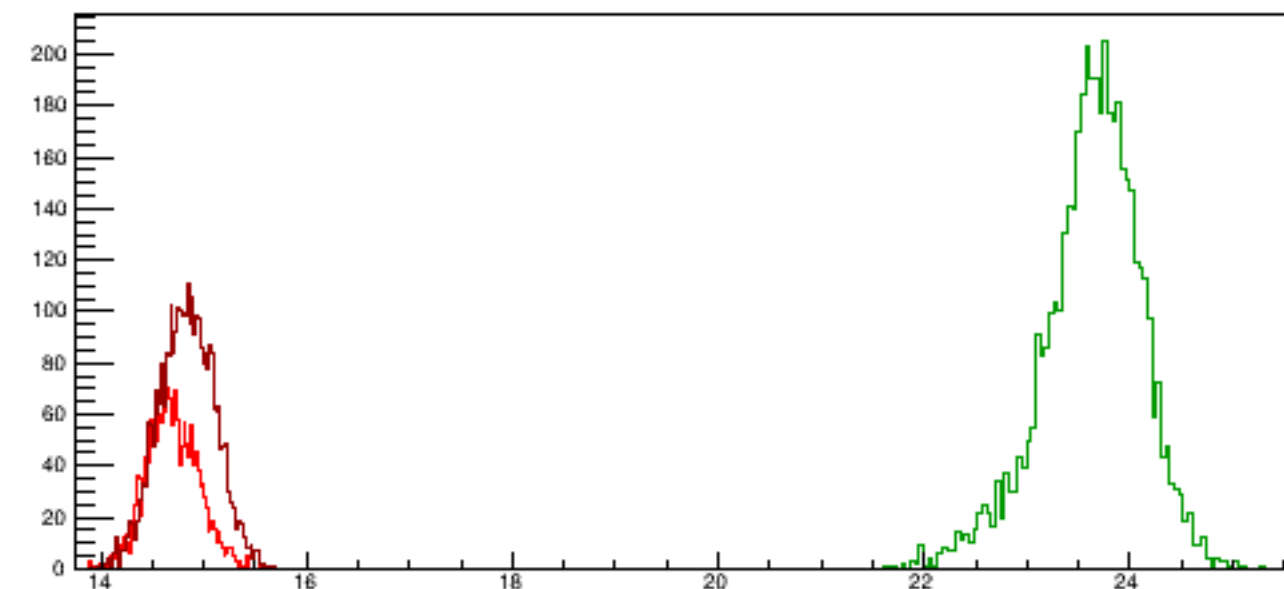
Std Dev: 0.4791 +/- 0.0050

Entries: 3387

Mean: 14.8363 +/- 0.0046

Std Dev: 0.2693 +/- 0.0033

Run 4615 quartetwise, Sums



Cycle 6, Asyms

Entries: 2007

Mean: -0.0002 +/- 0.0005

Std Dev: 0.0215 +/- 0.0003

Entries: 4673

Mean: -0.0137 +/- 0.0005

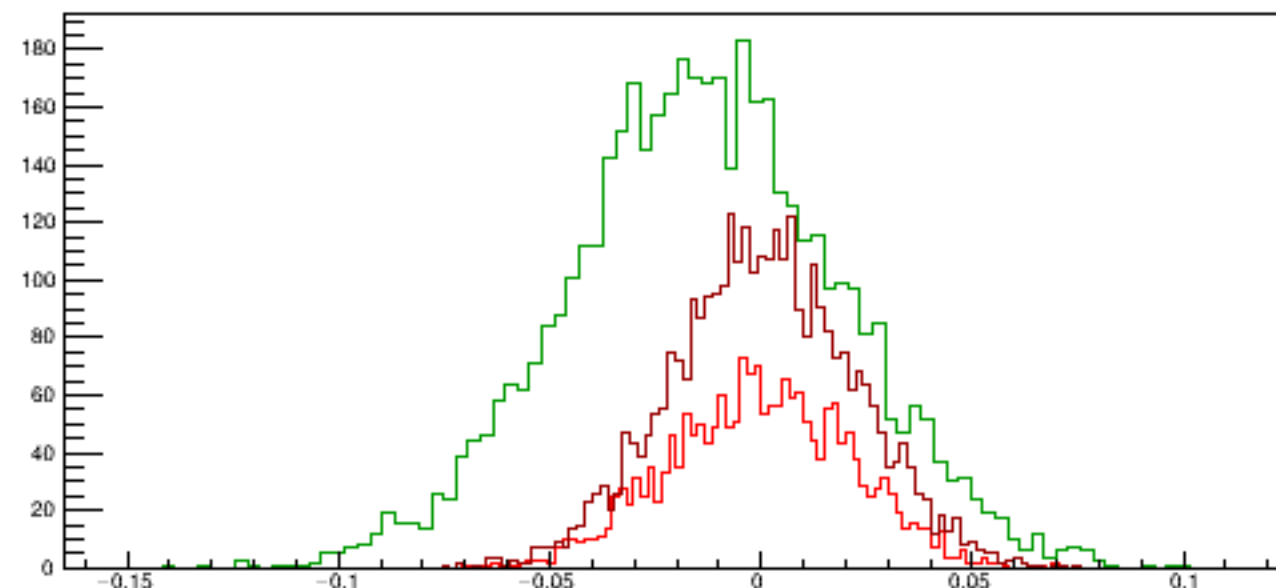
Std Dev: 0.0324 +/- 0.0003

Entries: 3387

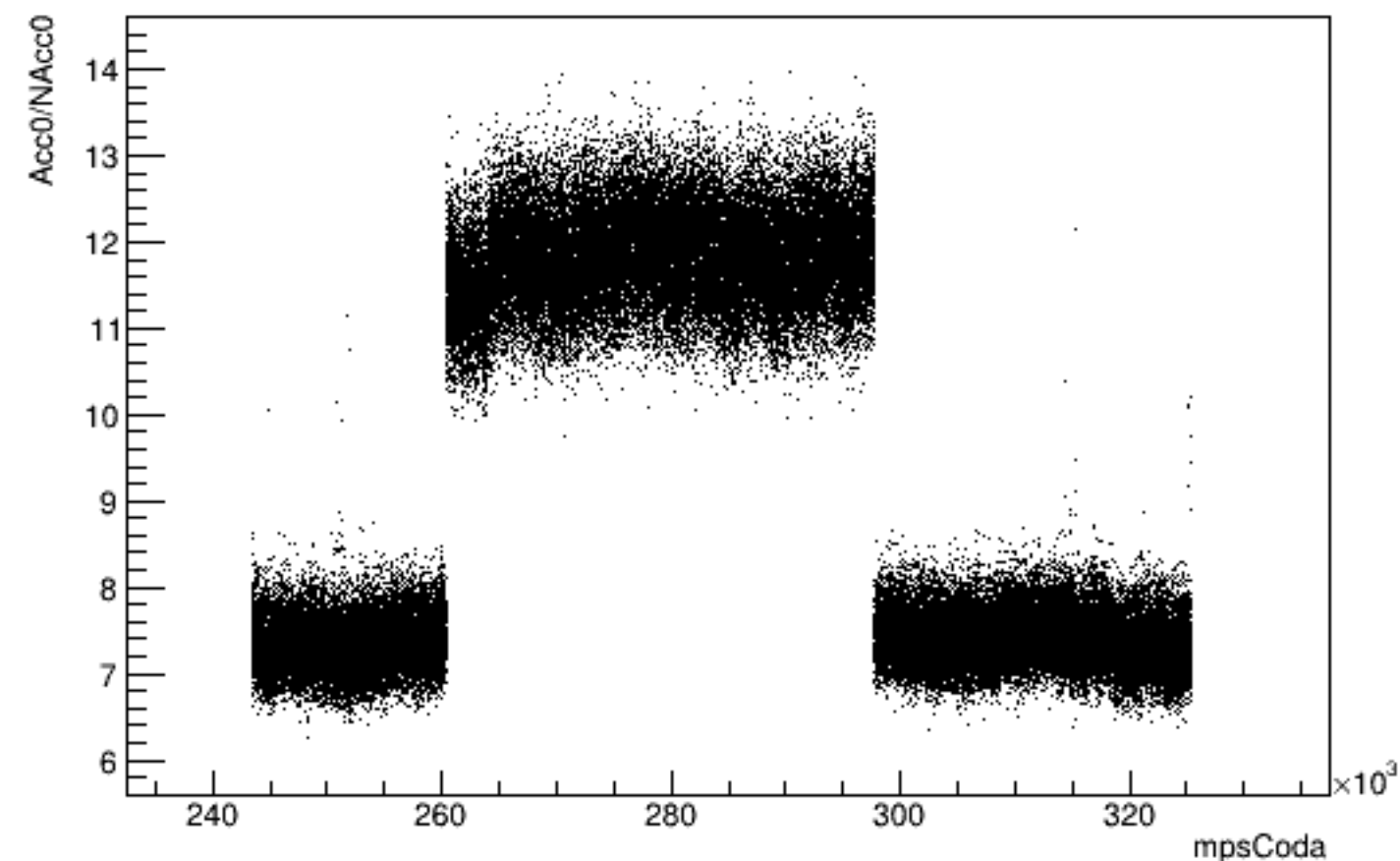
Mean: 0.0004 +/- 0.0004

Std Dev: 0.0217 +/- 0.0003

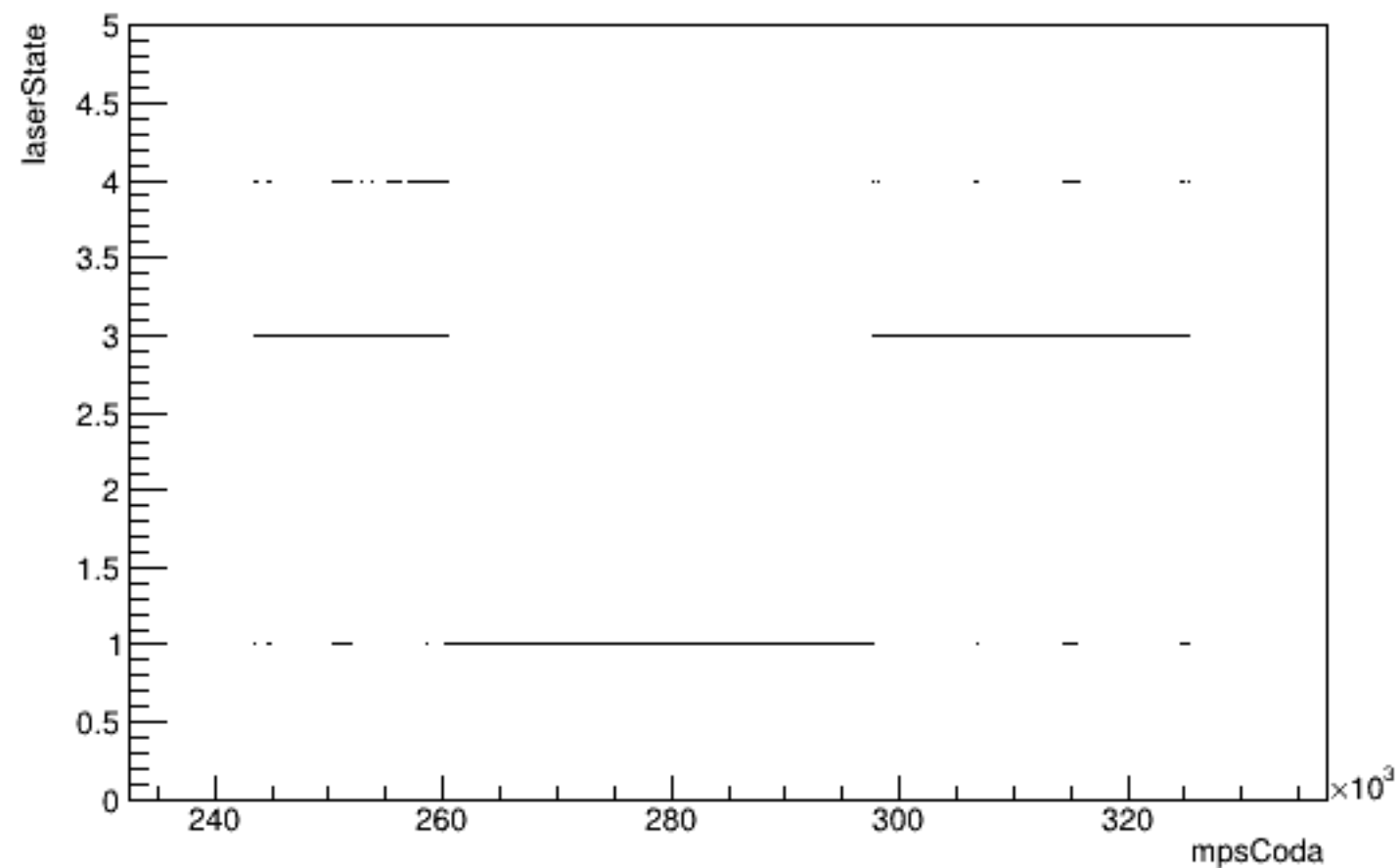
Run 4615 quartetwise, Asyms



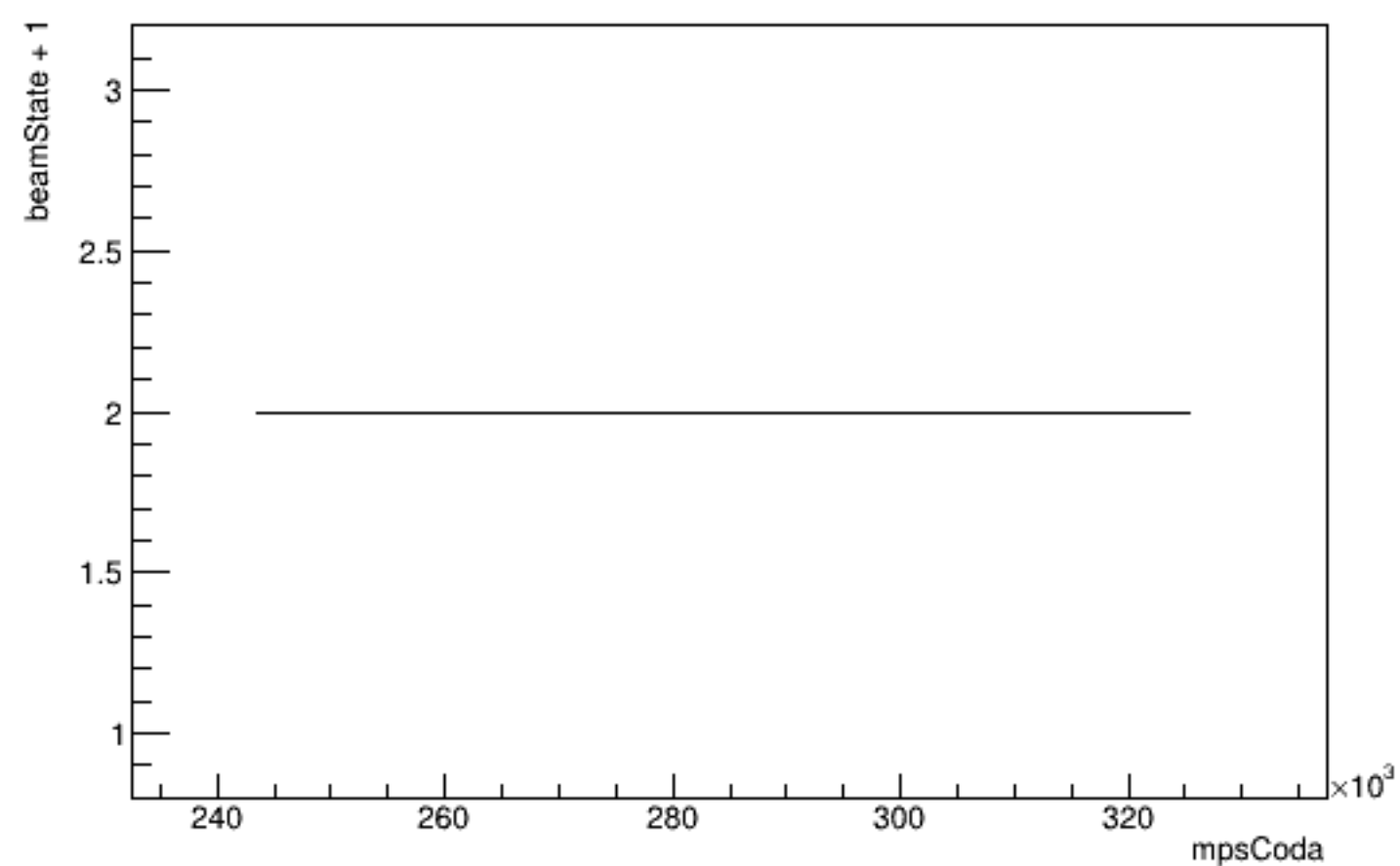
Acc0/NAcc0:mpsCoda (mpsCoda>=243415 && mpsCoda<=325334 && beamState==1)



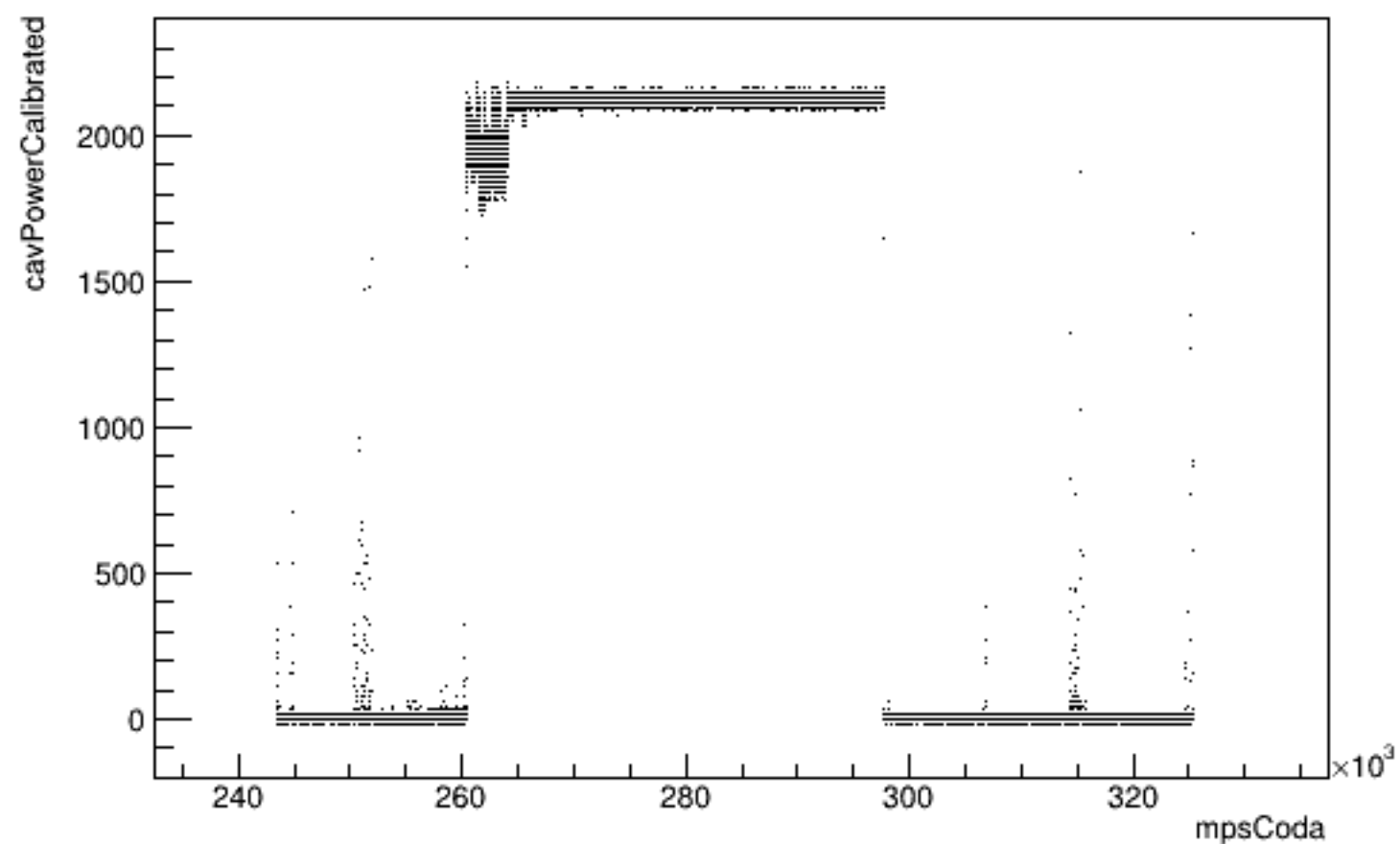
laserState:mpsCoda {mpsCoda>=243415 && mpsCoda<=325334}



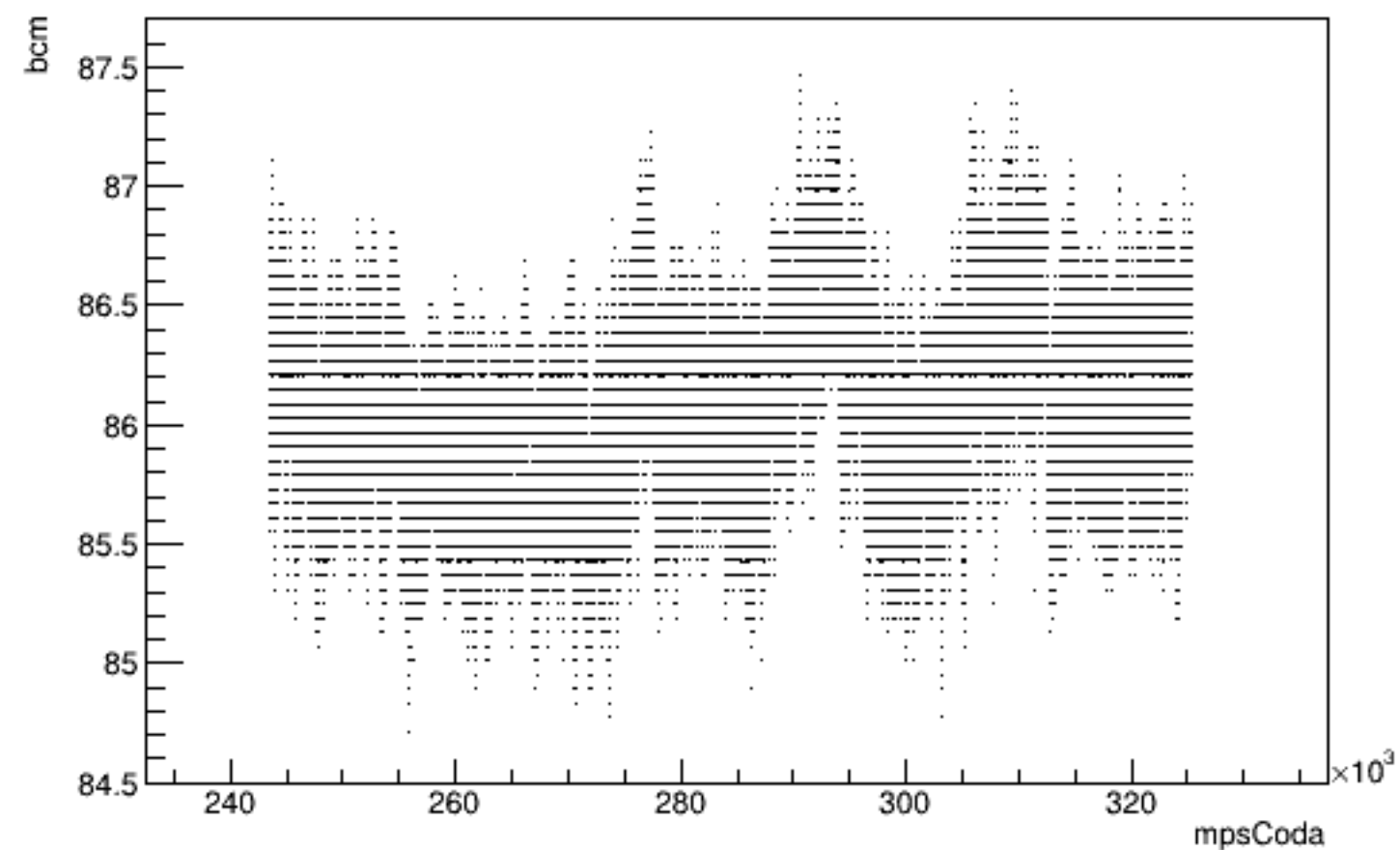
beamState + 1:mpsCoda {mpsCoda>=243415 && mpsCoda<=325334}



cavPowerCalibrated:mpsCoda {mpsCoda>=243415 && mpsCoda<=325334}



bcm:mpsCoda {mpsCoda>=243415 && mpsCoda<=325334}



Cycle 7, Diffs

Entries: 1377

Mean: 0.0045 +/- 0.0052

Std Dev: 0.1920 +/- 0.0037

Entries: 690

Mean: -0.1133 +/- 0.0107

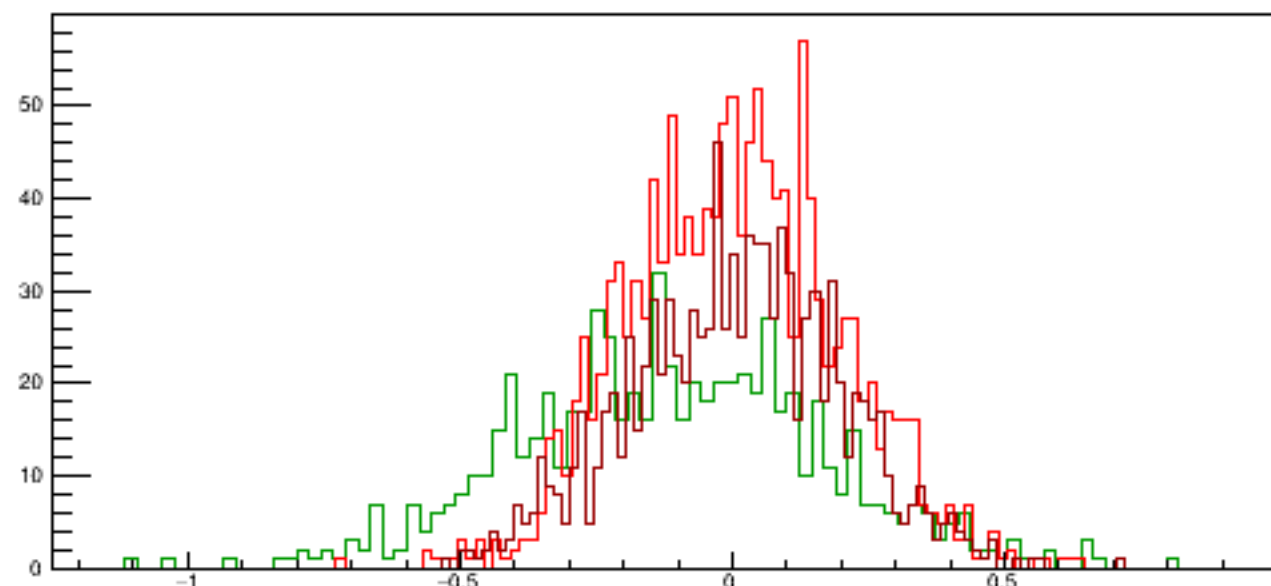
Std Dev: 0.2821 +/- 0.0076

Entries: 1055

Mean: 0.0049 +/- 0.0060

Std Dev: 0.1939 +/- 0.0042

Run 4615 quartetwise, Diffs



Cycle 7, Sums

Entries: 1377

Mean: 14.9093 +/- 0.0071

Std Dev: 0.2647 +/- 0.0050

Entries: 690

Mean: 23.7974 +/- 0.0155

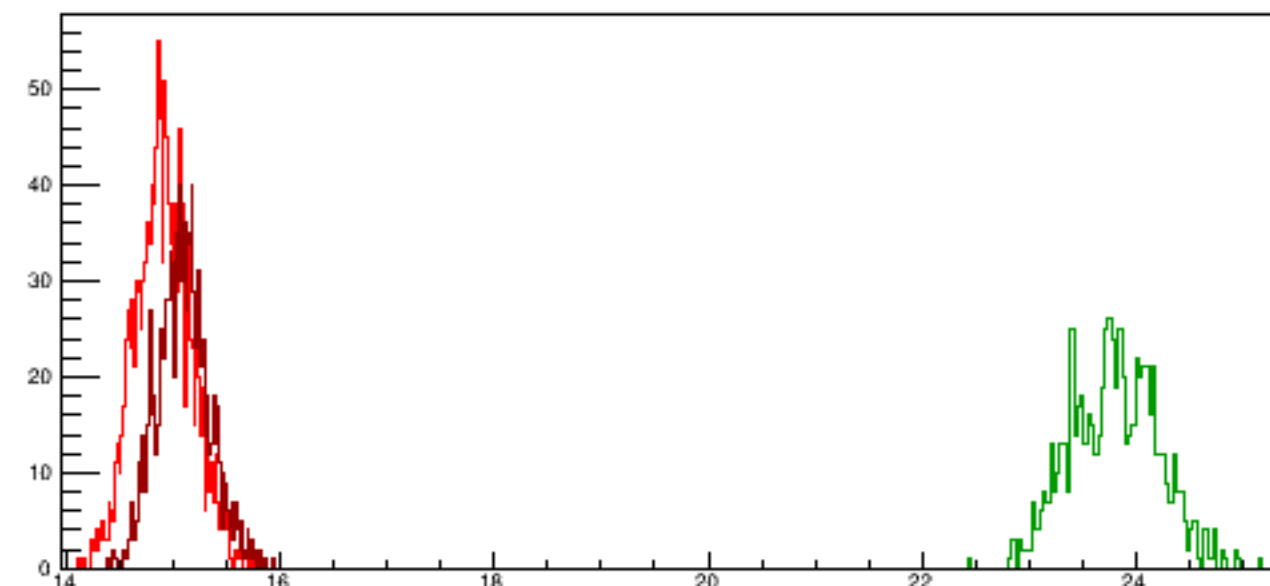
Std Dev: 0.4079 +/- 0.0110

Entries: 1055

Mean: 15.0939 +/- 0.0075

Std Dev: 0.2448 +/- 0.0053

Run 4615 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=344975 && mpsCoda<=371150 && beamState==1)

Cycle 7, Asyms

Entries: 1377

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0218 +/- 0.0004

Entries: 690

Mean: -0.0129 +/- 0.0012

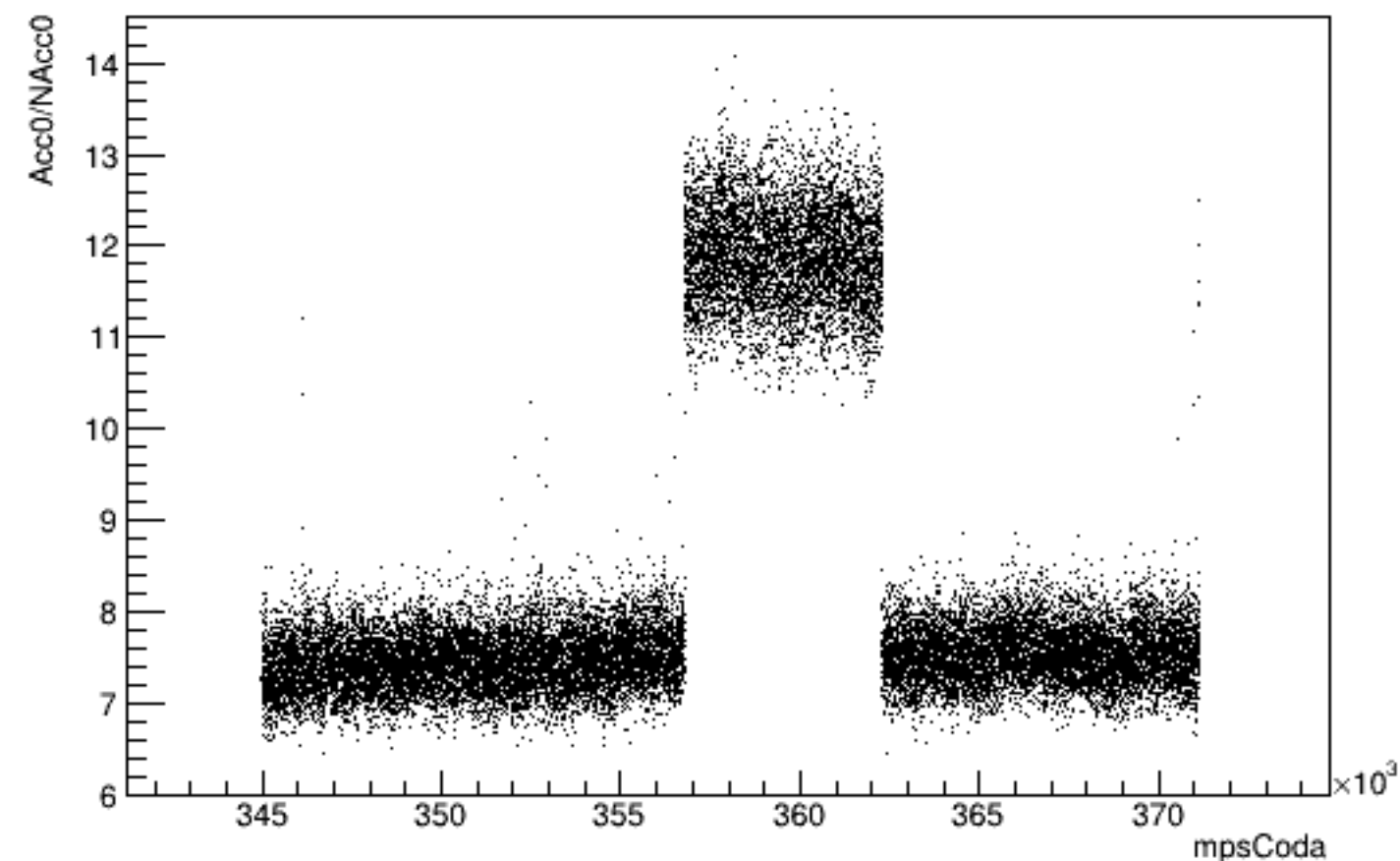
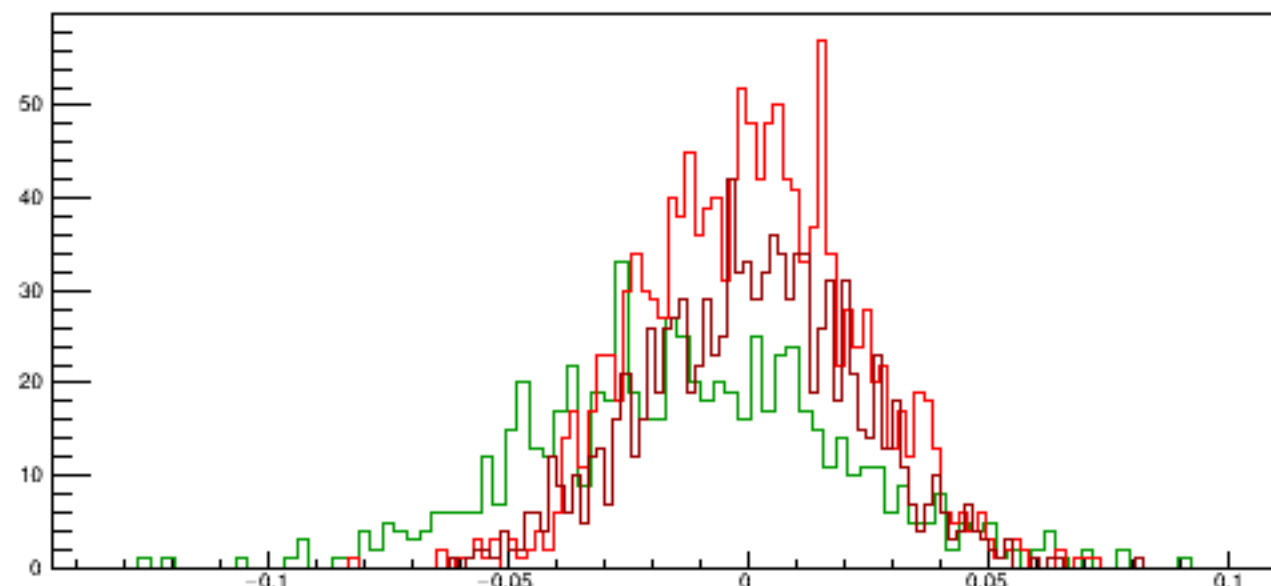
Std Dev: 0.0320 +/- 0.0009

Entries: 1055

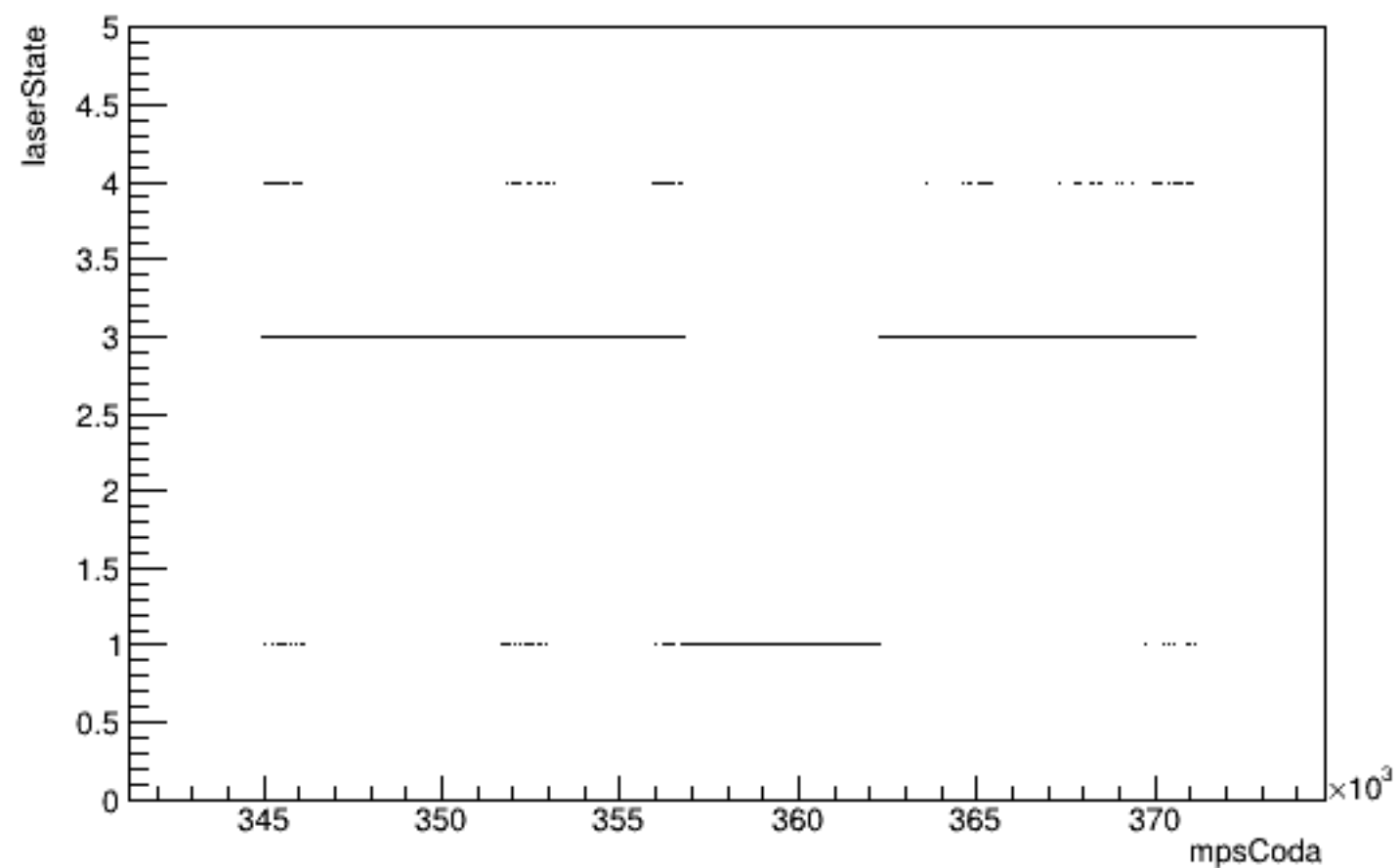
Mean: 0.0006 +/- 0.0007

Std Dev: 0.0220 +/- 0.0005

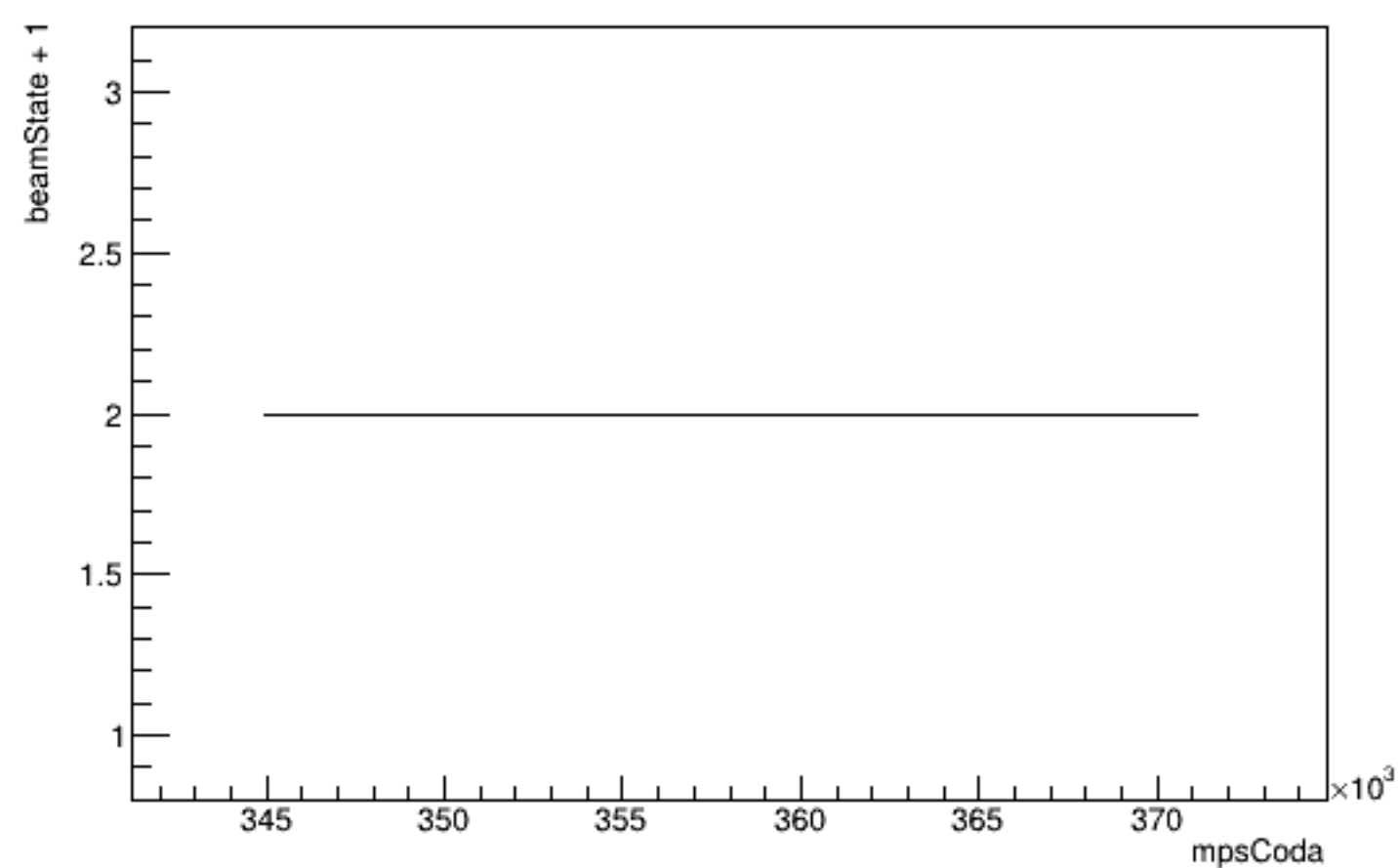
Run 4615 quartetwise, Asyms



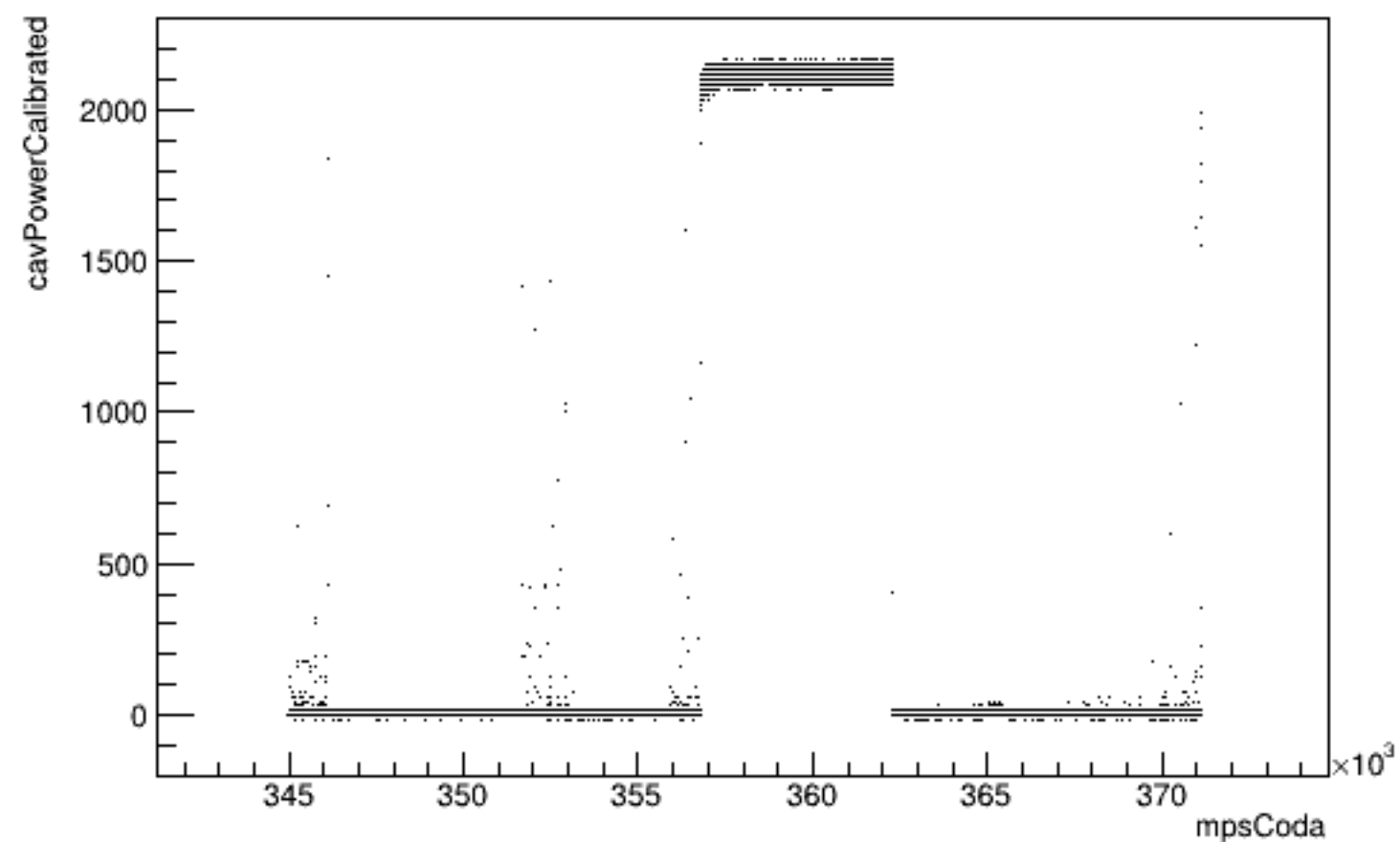
laserState:mpsCoda {mpsCoda>=344975 && mpsCoda<=371150}



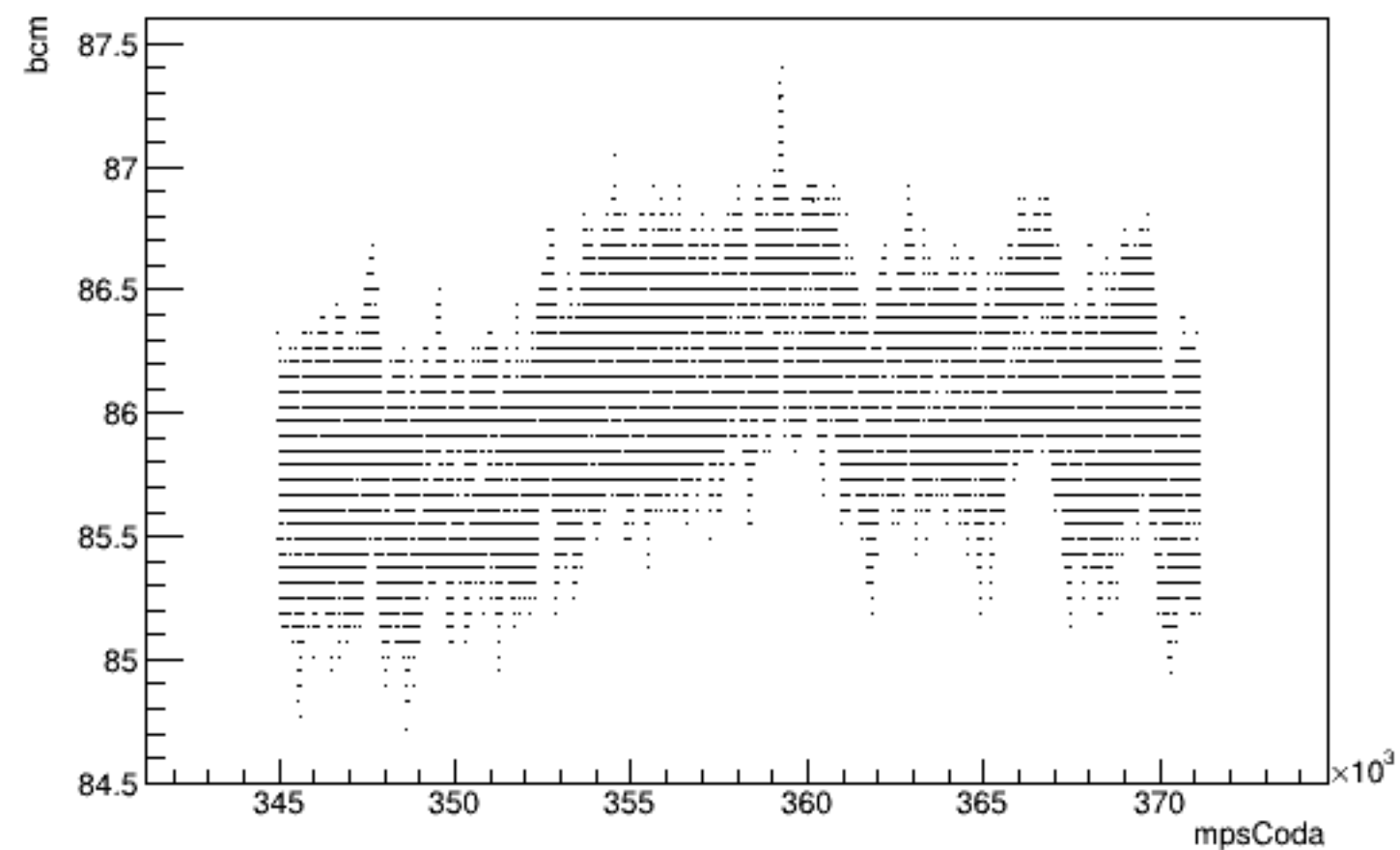
beamState + 1:mpsCoda {mpsCoda>=344975 && mpsCoda<=371150}



cavPowerCalibrated:mpsCoda {mpsCoda>=344975 && mpsCoda<=371150}



bcm:mpsCoda {mpsCoda>=344975 && mpsCoda<=371150}



Cycle 8, Diffs

Entries: 1055

Mean: 0.0049 +/- 0.0060

Std Dev: 0.1939 +/- 0.0042

Entries: 529

Mean: -0.1180 +/- 0.0126

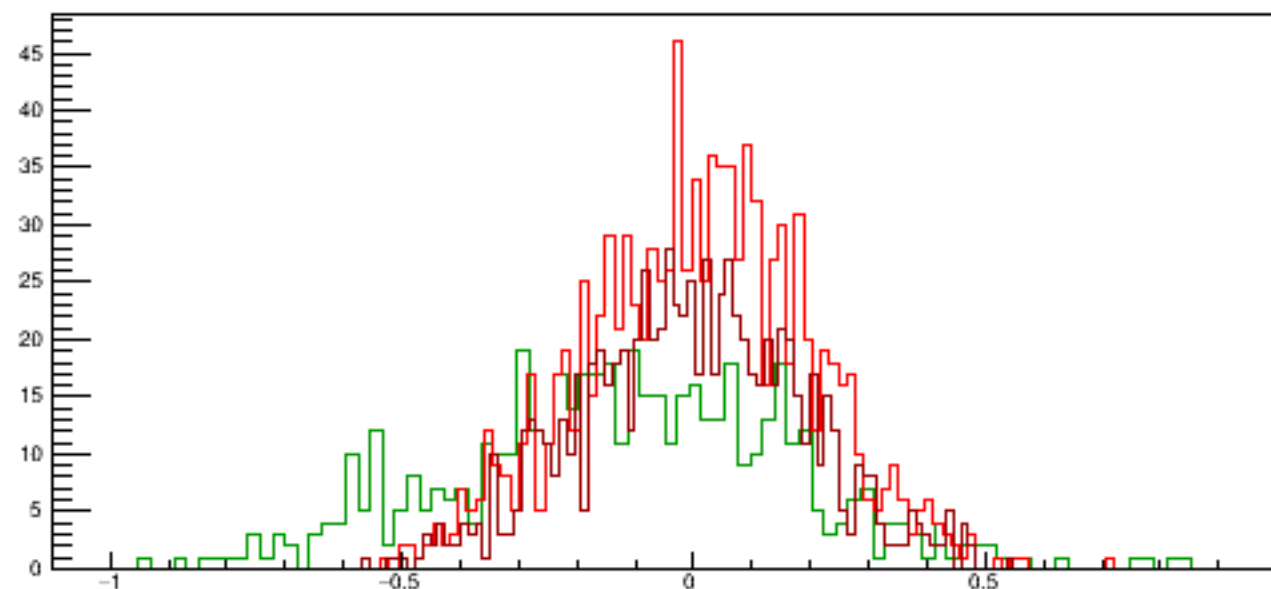
Std Dev: 0.2908 +/- 0.0089

Entries: 853

Mean: -0.0040 +/- 0.0065

Std Dev: 0.1912 +/- 0.0046

Run 4615 quartetwise, Diffs



Cycle 8, Sums

Entries: 1055

Mean: 15.0939 +/- 0.0075

Std Dev: 0.2448 +/- 0.0053

Entries: 529

Mean: 23.2243 +/- 0.0240

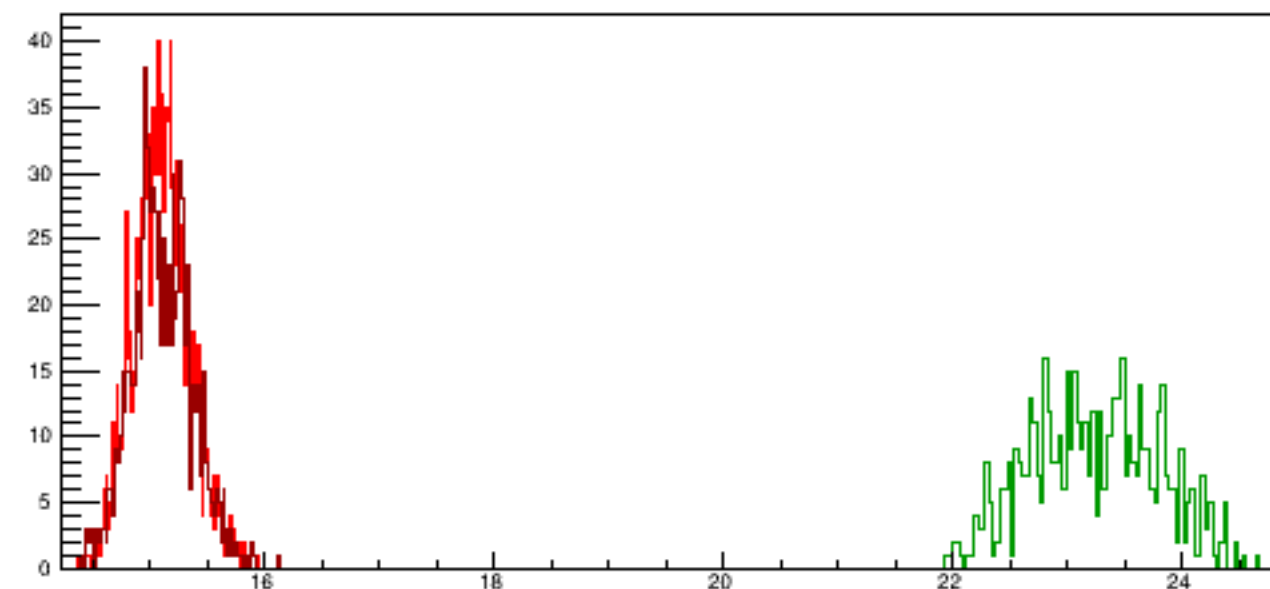
Std Dev: 0.5519 +/- 0.0170

Entries: 853

Mean: 15.1026 +/- 0.0089

Std Dev: 0.2604 +/- 0.0063

Run 4615 quartetwise, Sums



Cycle 8, Asyms

Entries: 1055

Mean: 0.0006 +/- 0.0007

Std Dev: 0.0239 +/- 0.0005

Entries: 529

Mean: -0.0145 +/- 0.0016

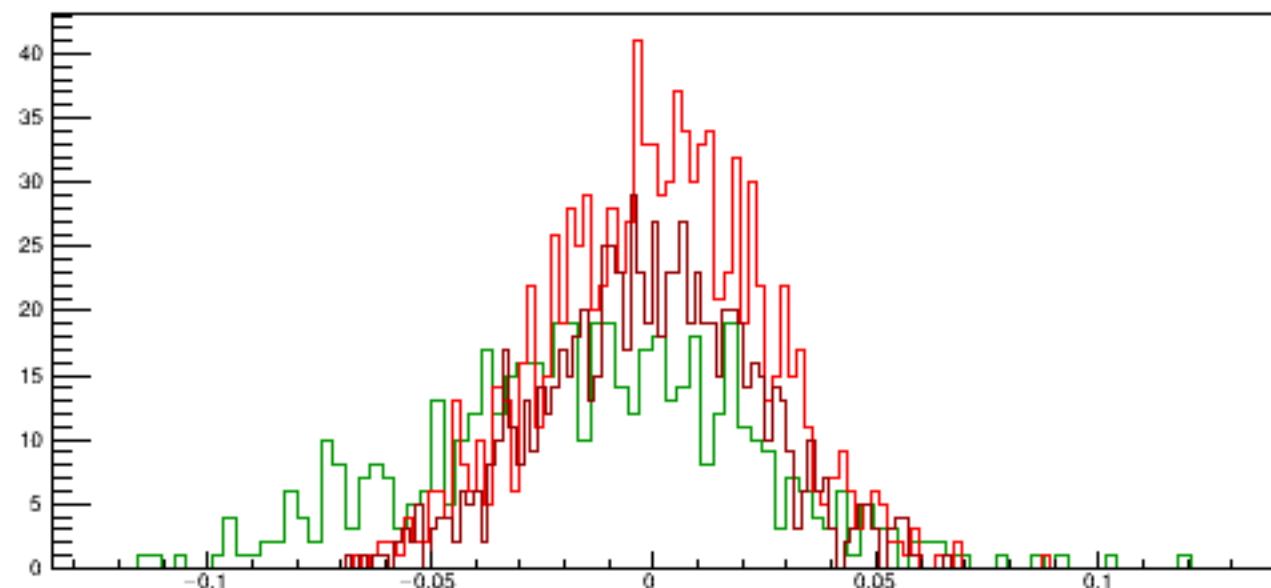
Std Dev: 0.0359 +/- 0.0011

Entries: 853

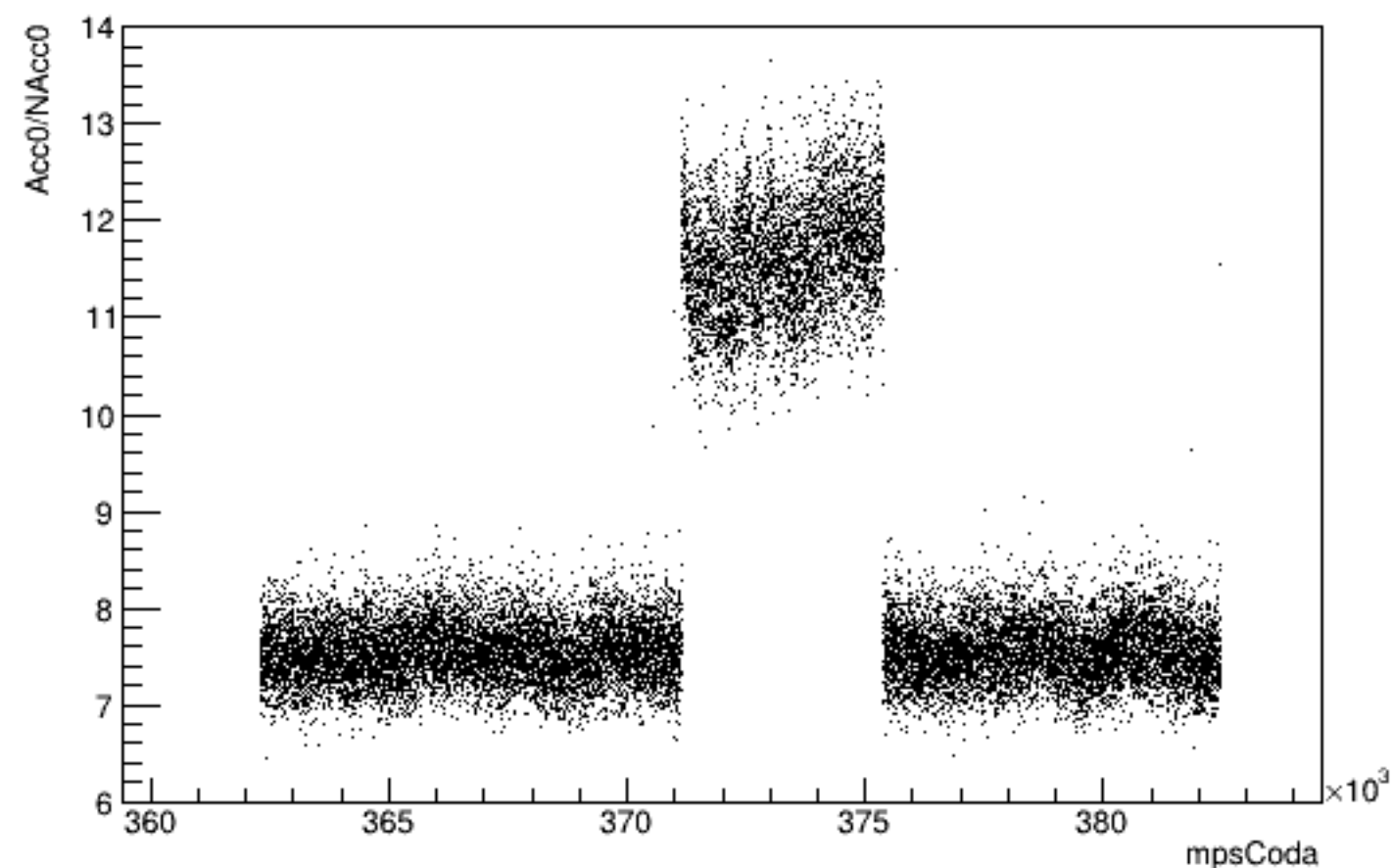
Mean: -0.0005 +/- 0.0008

Std Dev: 0.0235 +/- 0.0006

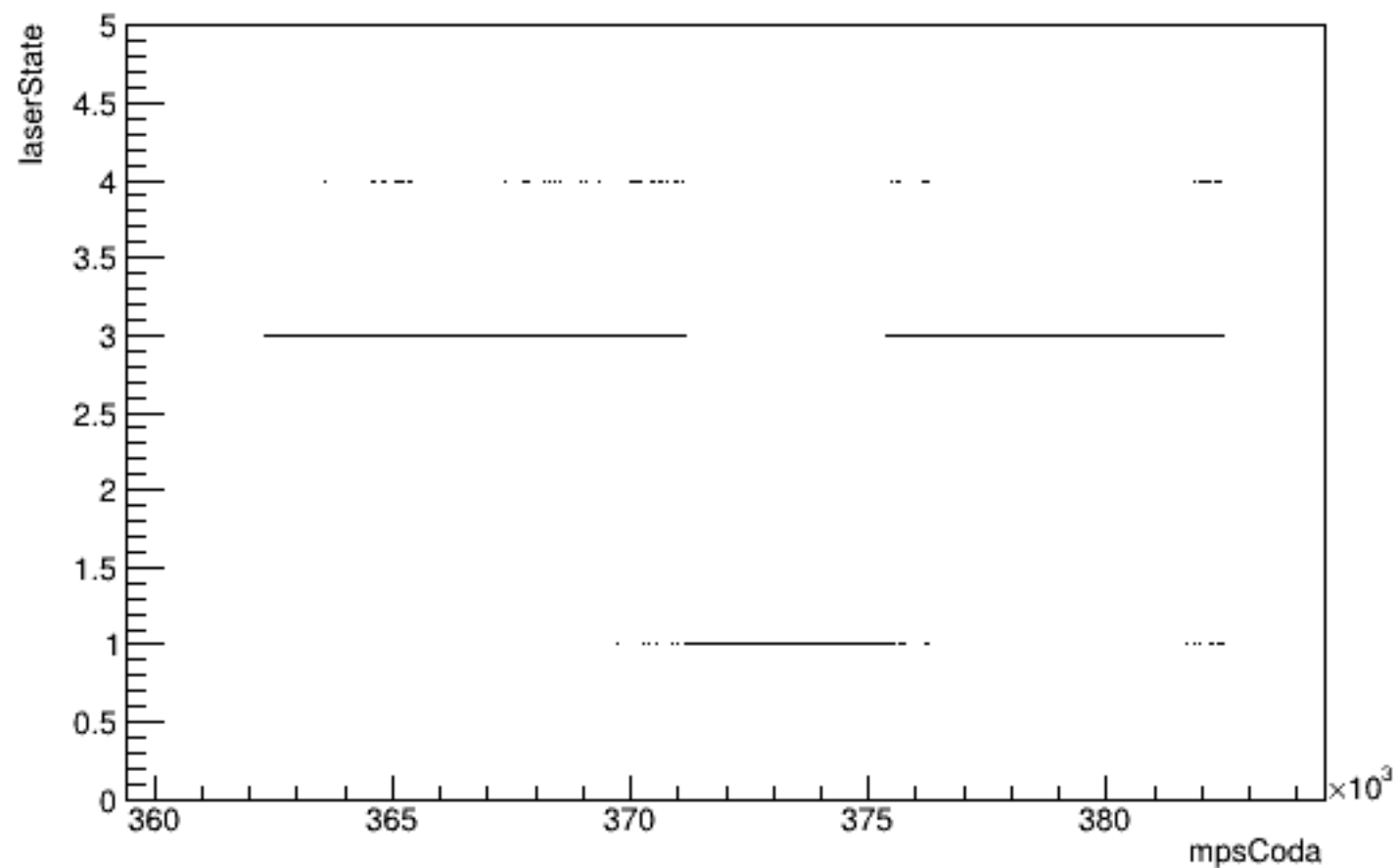
Run 4615 quartetwise, Asyms



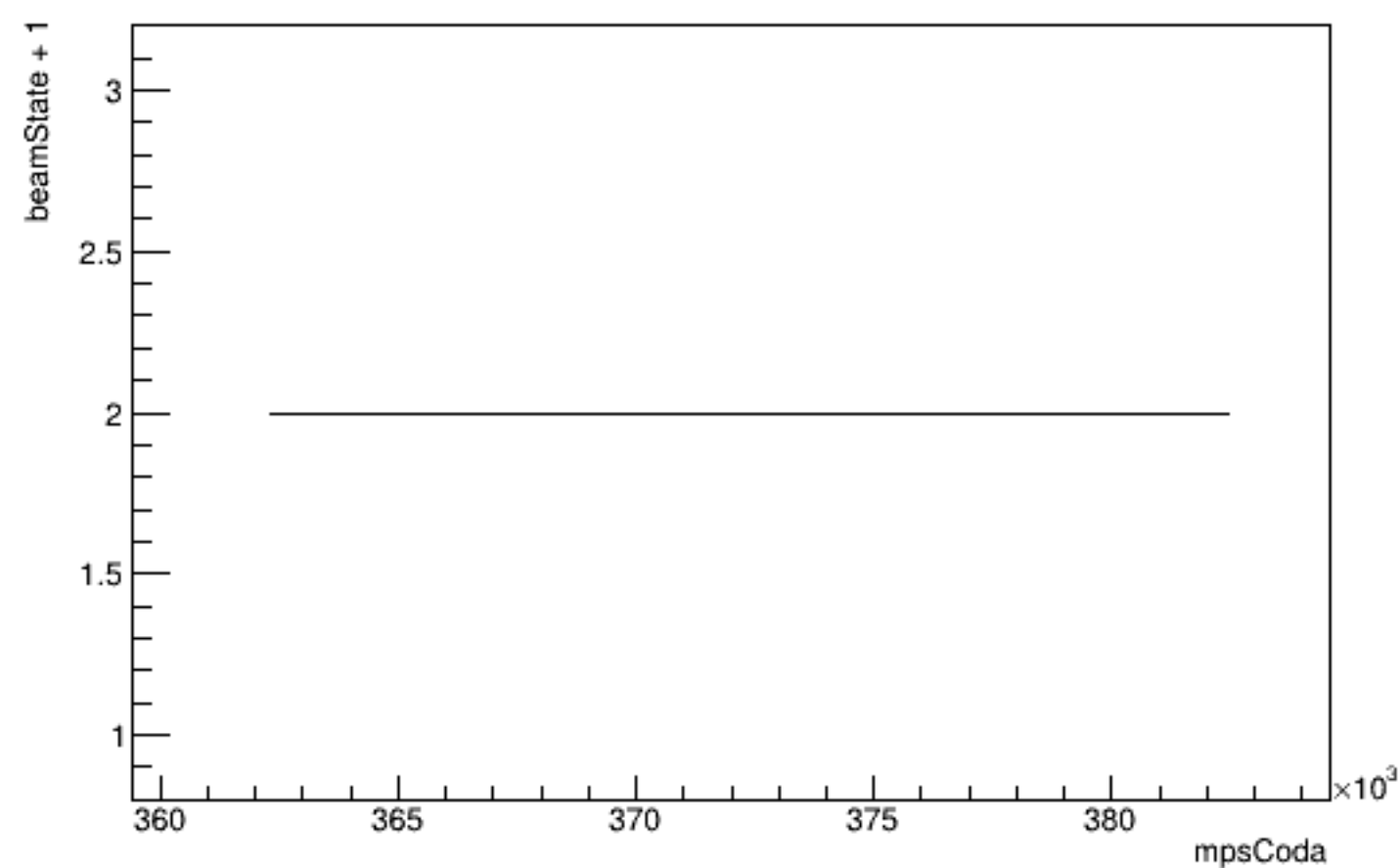
Acc0/NAcc0:mpsCoda (mpsCoda>=362303 && mpsCoda<=382462 && beamState==1)



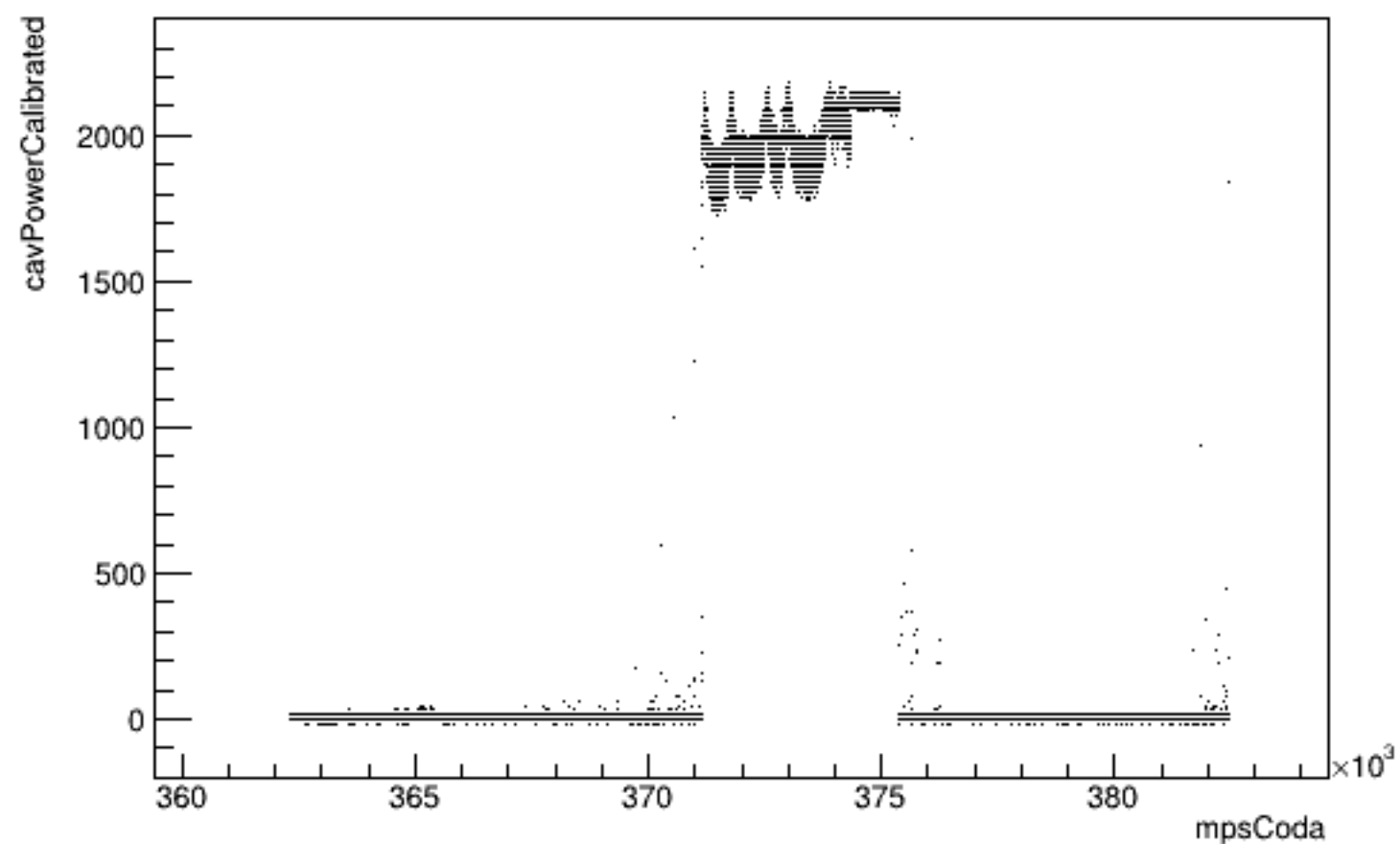
laserState:mpsCoda {mpsCoda>=362303 && mpsCoda<=382462}



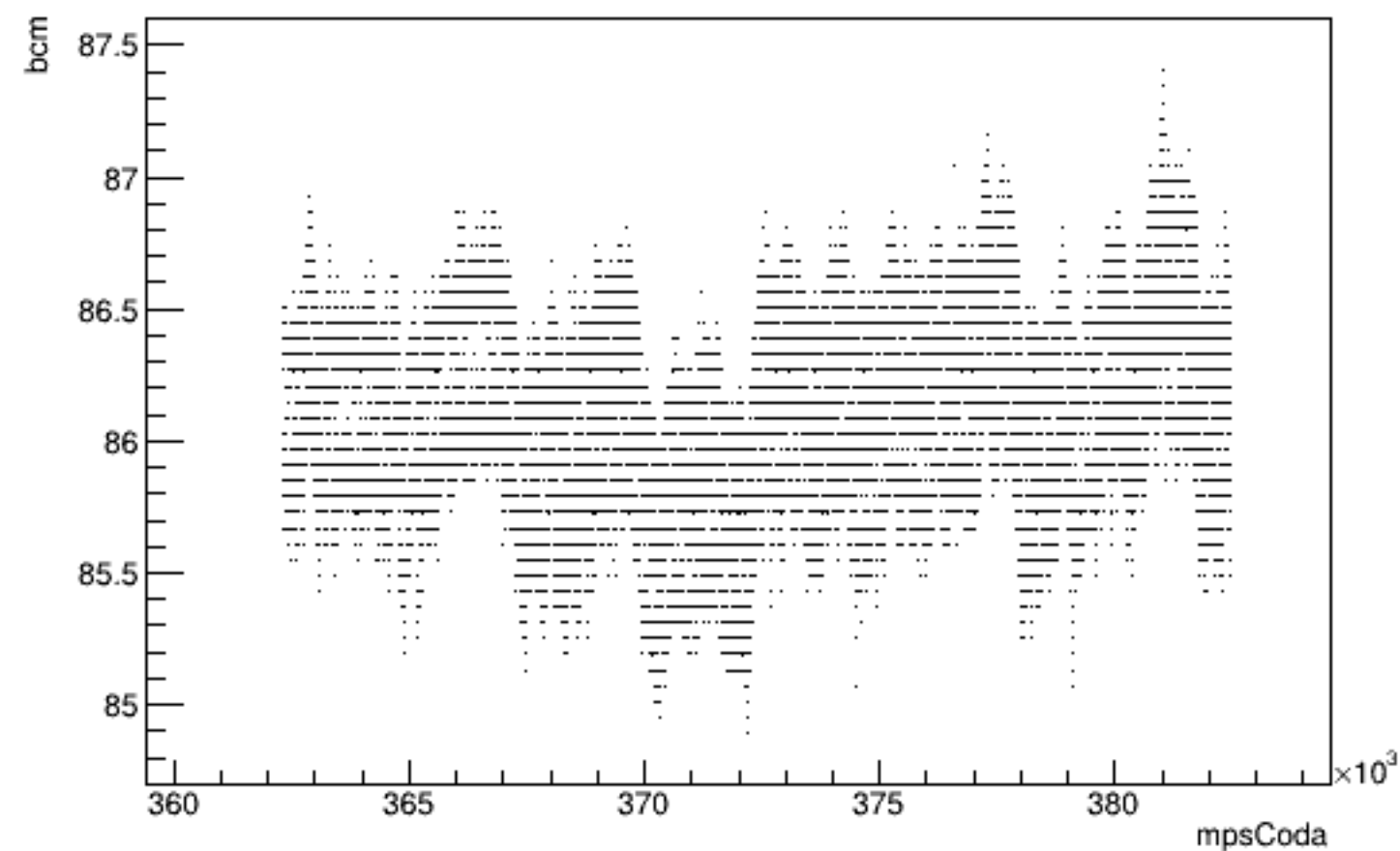
beamState + 1:mpsCoda {mpsCoda>=362303 && mpsCoda<=382462}



cavPowerCalibrated:mpsCoda {mpsCoda>=362303 && mpsCoda<=382462}



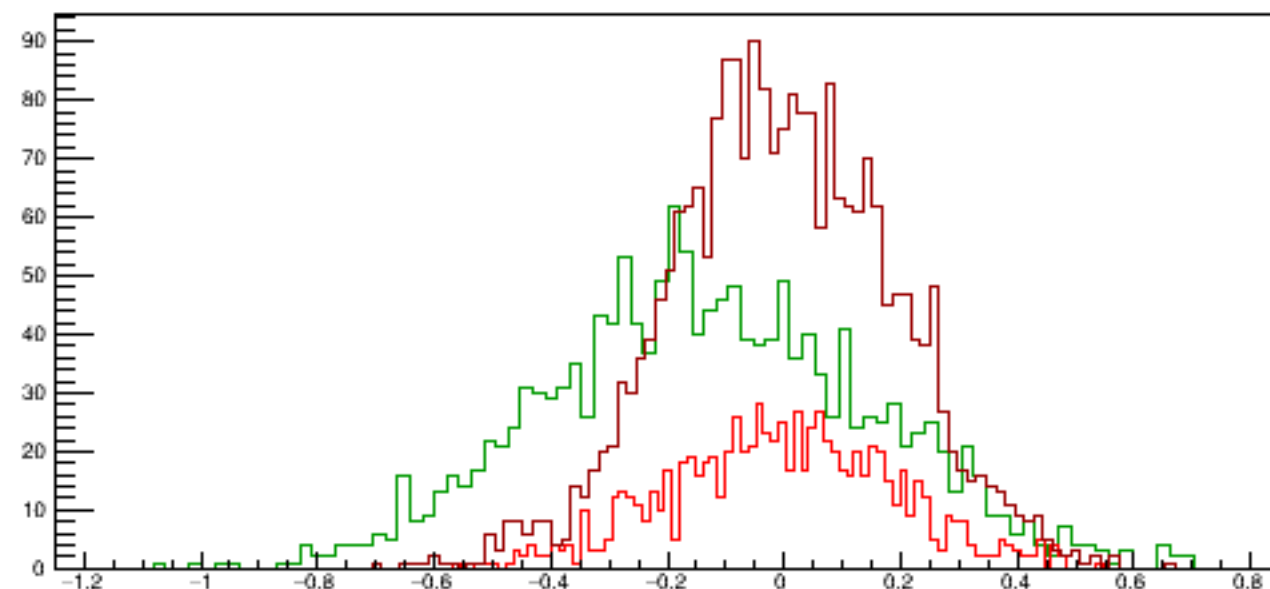
bcm:mpsCoda {mpsCoda>=362303 && mpsCoda<=382462}



Cycle 9, Diffs

Entries: 853	Entries: 1590	Entries: 2402
Mean: -0.0040 +/- 0.0065	Mean: -0.1293 +/- 0.0070	Mean: -0.0039 +/- 0.0039
Std Dev: 0.1912 +/- 0.0046	Std Dev: 0.2809 +/- 0.0050	Std Dev: 0.1908 +/- 0.0028

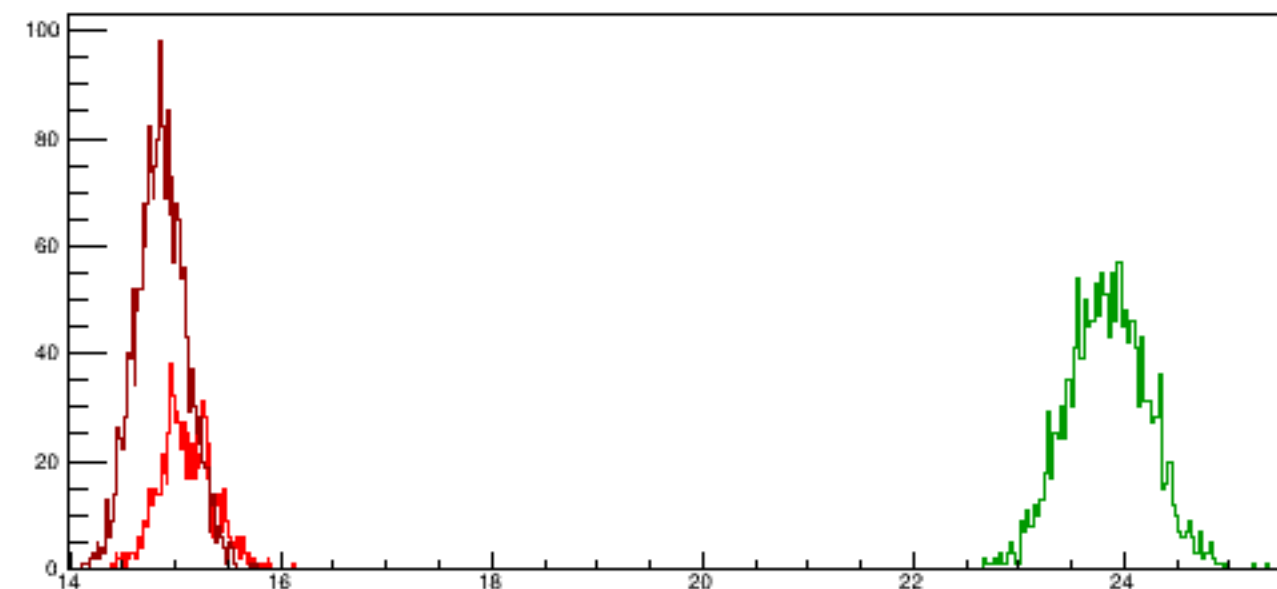
Run 4615 quartetwise, Diffs



Cycle 9, Sums

Entries: 853	Entries: 1590	Entries: 2402
Mean: 15.1026 +/- 0.0089	Mean: 23.8350 +/- 0.0098	Mean: 14.8636 +/- 0.0049
Std Dev: 0.2604 +/- 0.0063	Std Dev: 0.3896 +/- 0.0069	Std Dev: 0.2399 +/- 0.0035

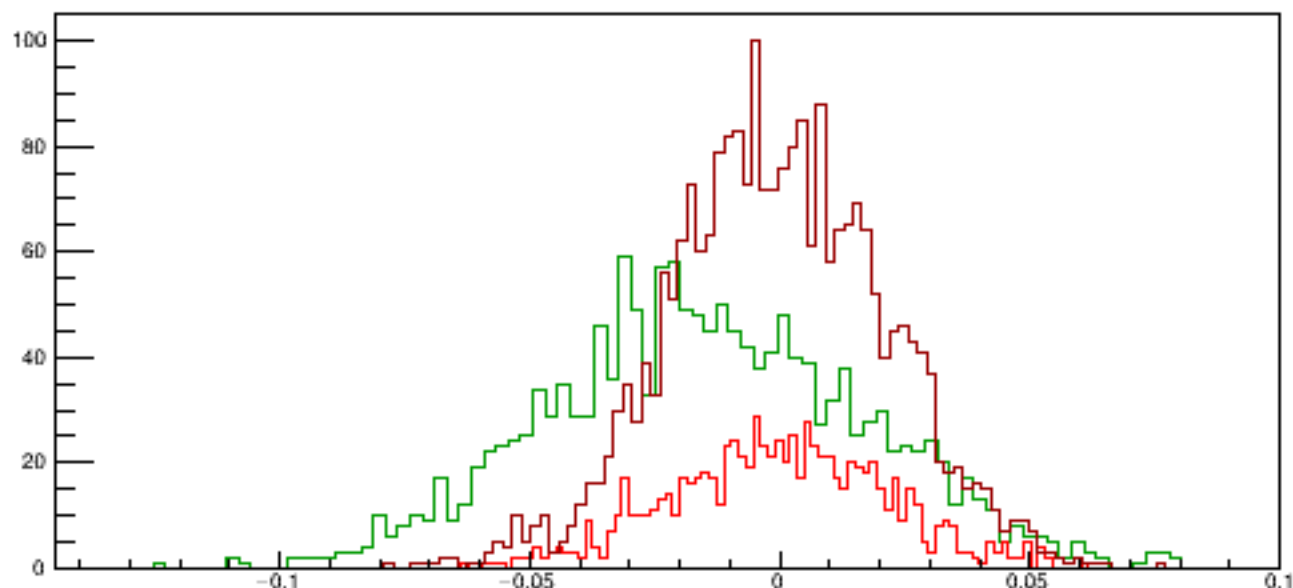
Run 4615 quartetwise, Sums



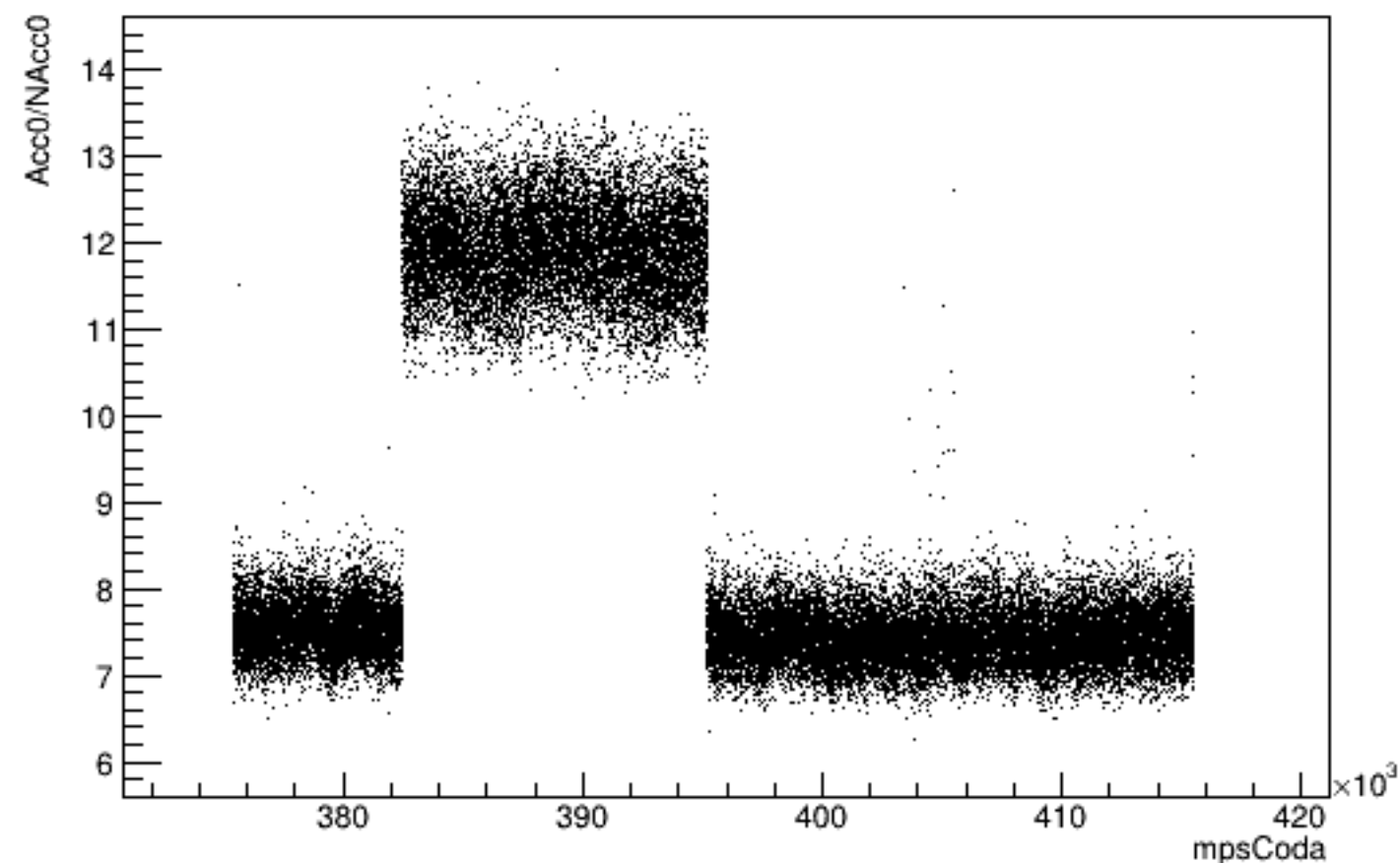
Cycle 9, Asyms

Entries: 853	Entries: 1590	Entries: 2402
Mean: -0.0005 +/- 0.0007	Mean: -0.0146 +/- 0.0008	Mean: -0.0004 +/- 0.0004
Std Dev: 0.0216 +/- 0.0005	Std Dev: 0.0318 +/- 0.0006	Std Dev: 0.0215 +/- 0.0003

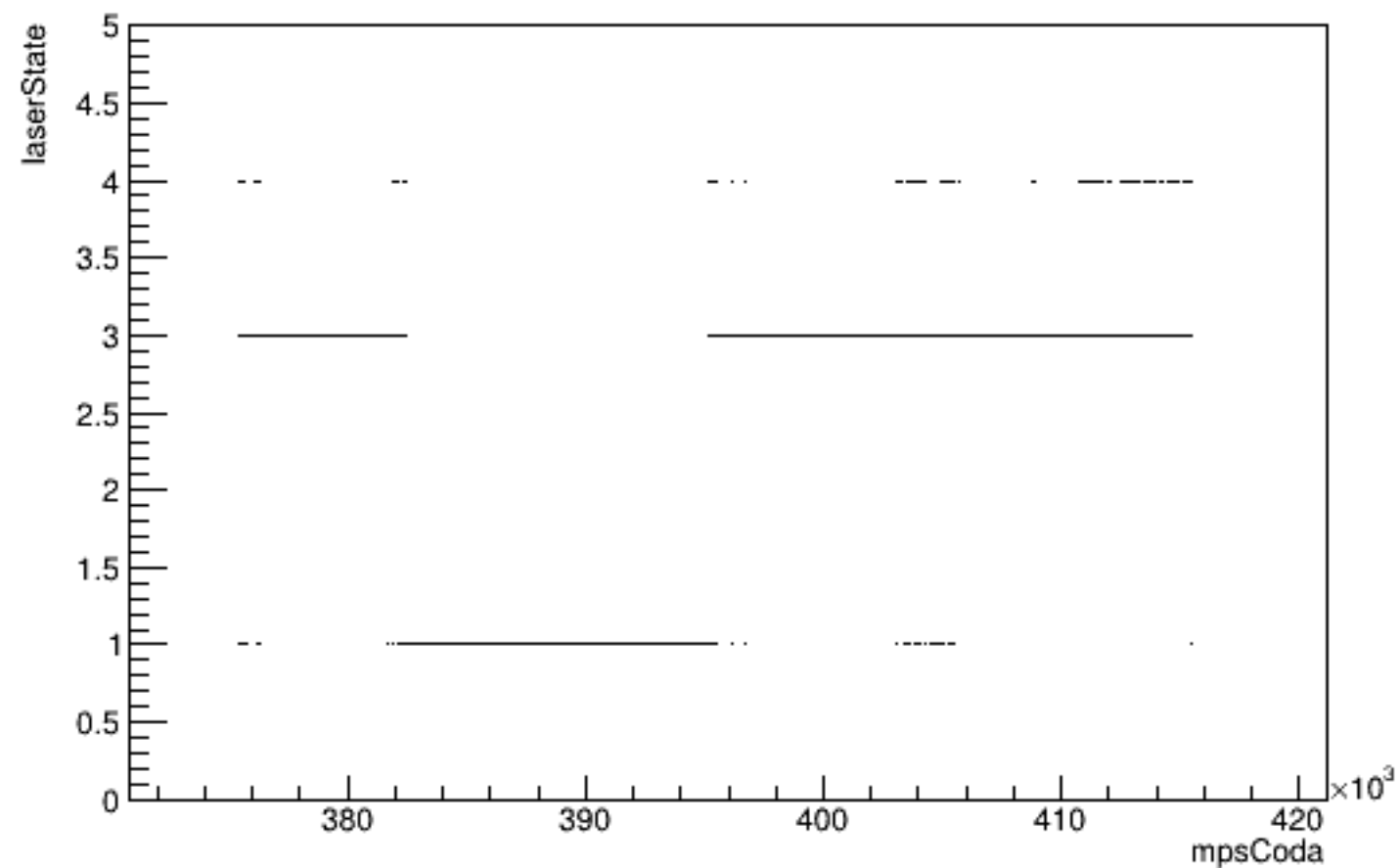
Run 4615 quartetwise, Asyms



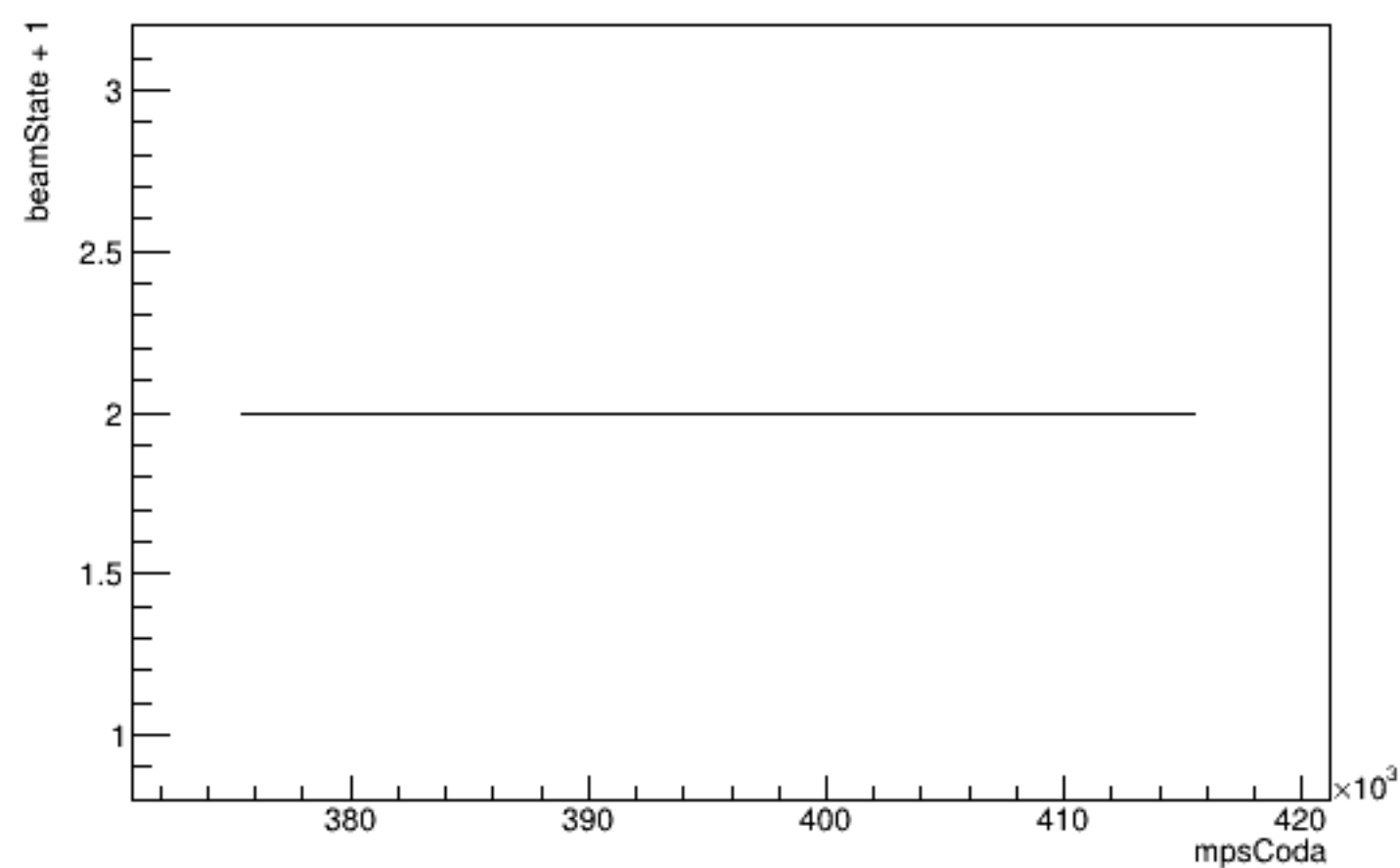
Acc0/NAcc0:mpsCoda (mpsCoda>=375391 && mpsCoda<=415510 && beamState==1)



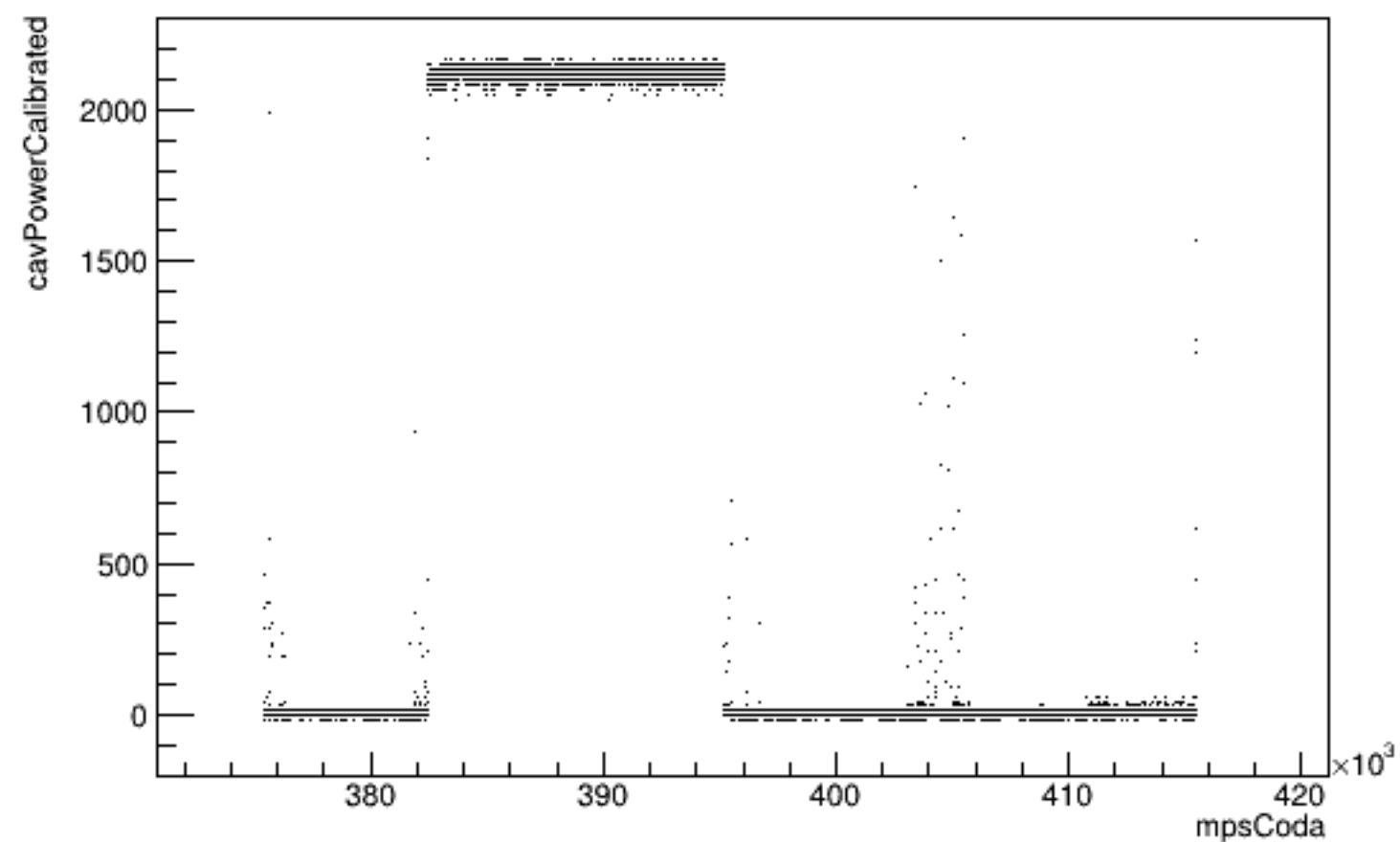
laserState:mpsCoda {mpsCoda>=375391 && mpsCoda<=415510}



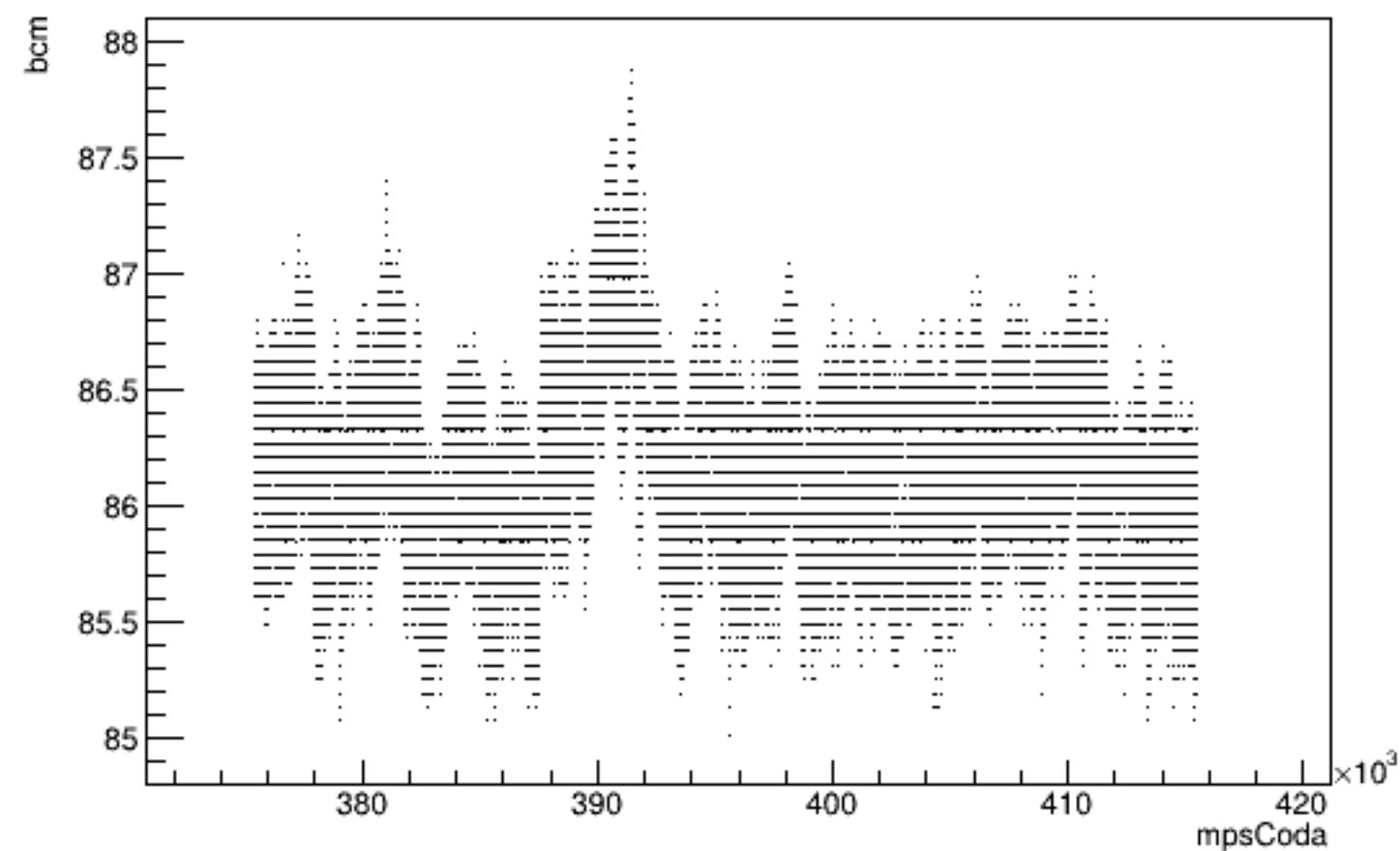
beamState + 1:mpsCoda {mpsCoda>=375391 && mpsCoda<=415510}



cavPowerCalibrated:mpsCoda {mpsCoda>=375391 && mpsCoda<=415510}



bcm:mpsCoda {mpsCoda>=375391 && mpsCoda<=415510}



Cycle 10, Diffs

Entries: 2402

Mean: -0.0039 +/- 0.0039

Std Dev: 0.1908 +/- 0.0028

Entries: 4696

Mean: -0.1203 +/- 0.0042

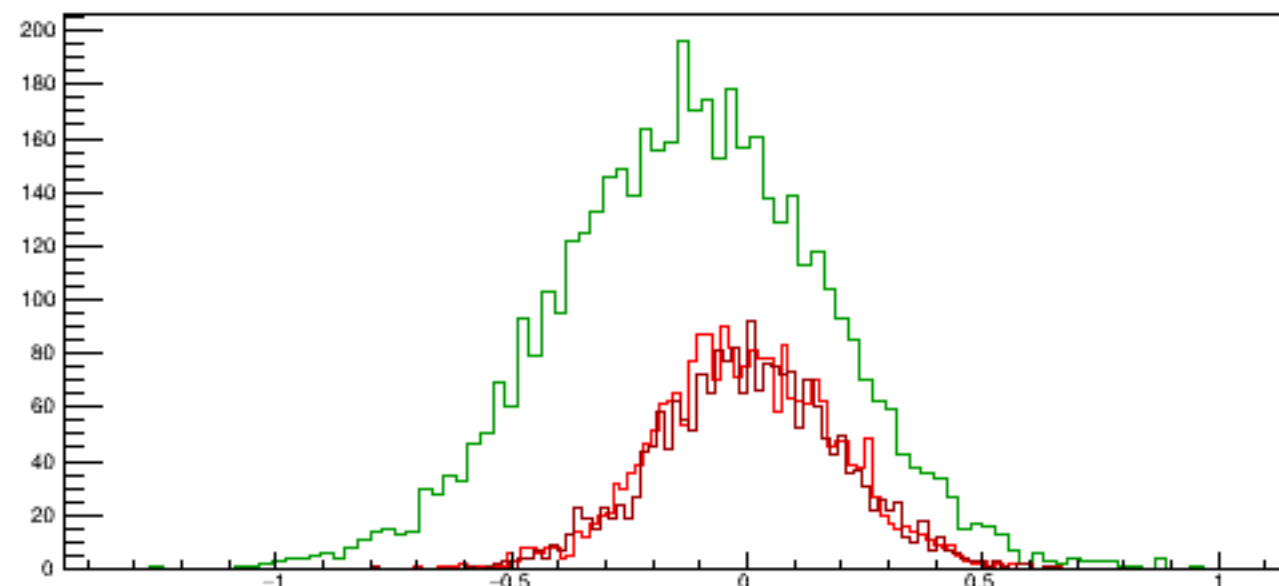
Std Dev: 0.2866 +/- 0.0030

Entries: 2092

Mean: 0.0036 +/- 0.0042

Std Dev: 0.1922 +/- 0.0030

Run 4615 quartetwise, Diffs



Cycle 10, Sums

Entries: 2402

Mean: 14.8636 +/- 0.0049

Std Dev: 0.2399 +/- 0.0035

Entries: 4696

Mean: 23.5575 +/- 0.0076

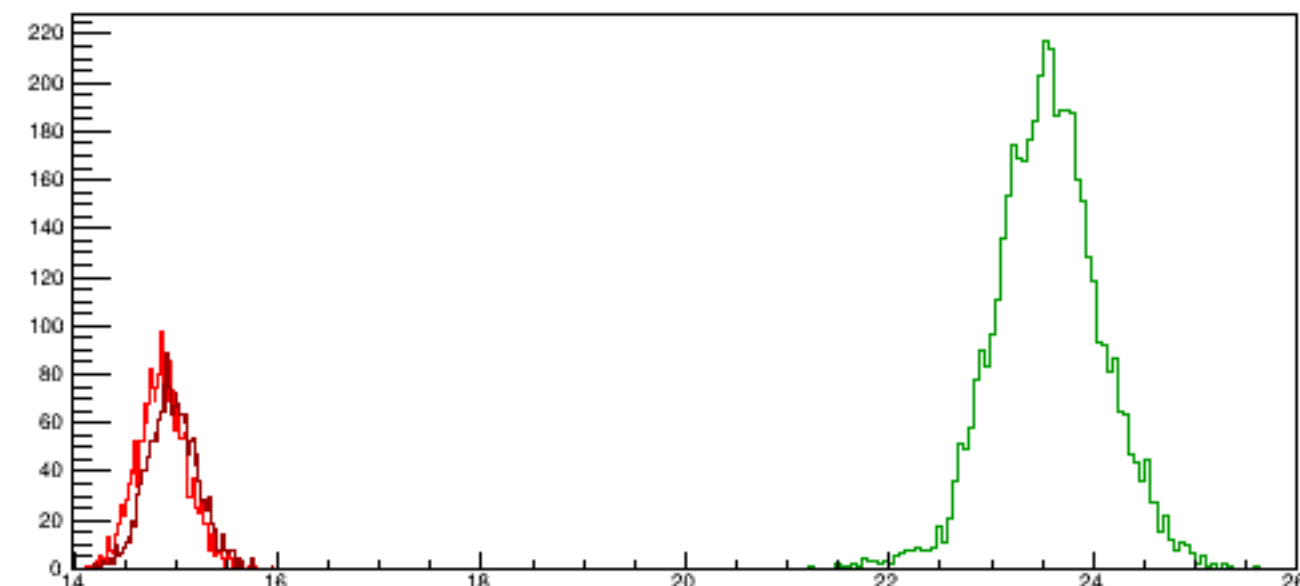
Std Dev: 0.5187 +/- 0.0054

Entries: 2092

Mean: 14.9660 +/- 0.0053

Std Dev: 0.2437 +/- 0.0038

Run 4615 quartetwise, Sums



Cycle 10, Asyms

Entries: 2402

Mean: -0.0005 +/- 0.0005

Std Dev: 0.0221 +/- 0.0003

Entries: 4696

Mean: -0.0139 +/- 0.0005

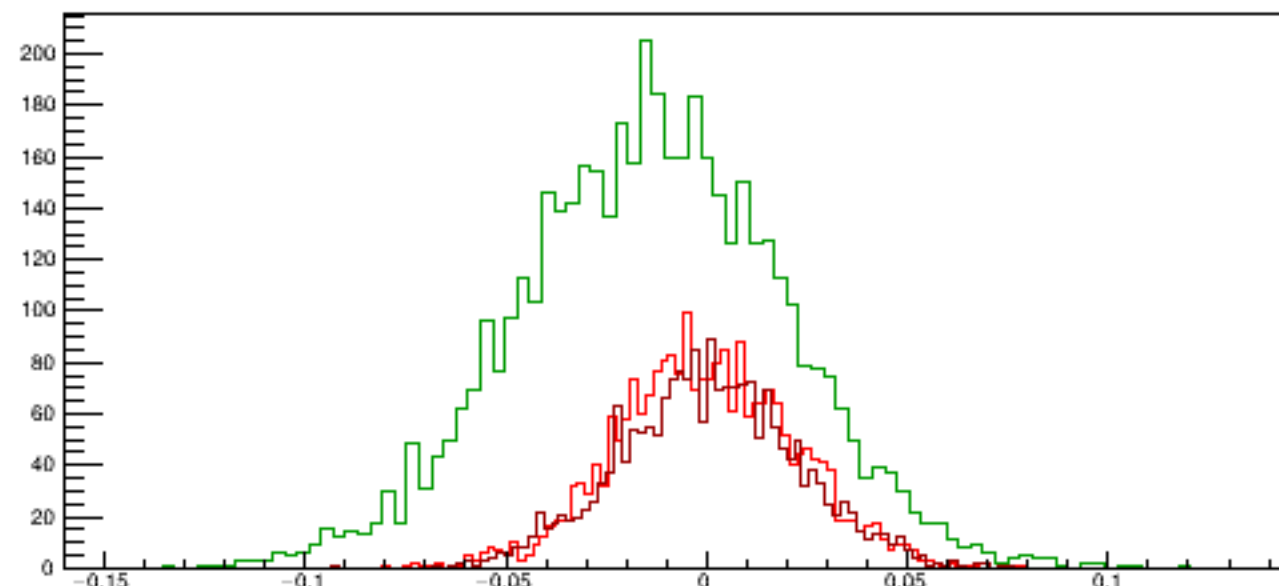
Std Dev: 0.0332 +/- 0.0003

Entries: 2092

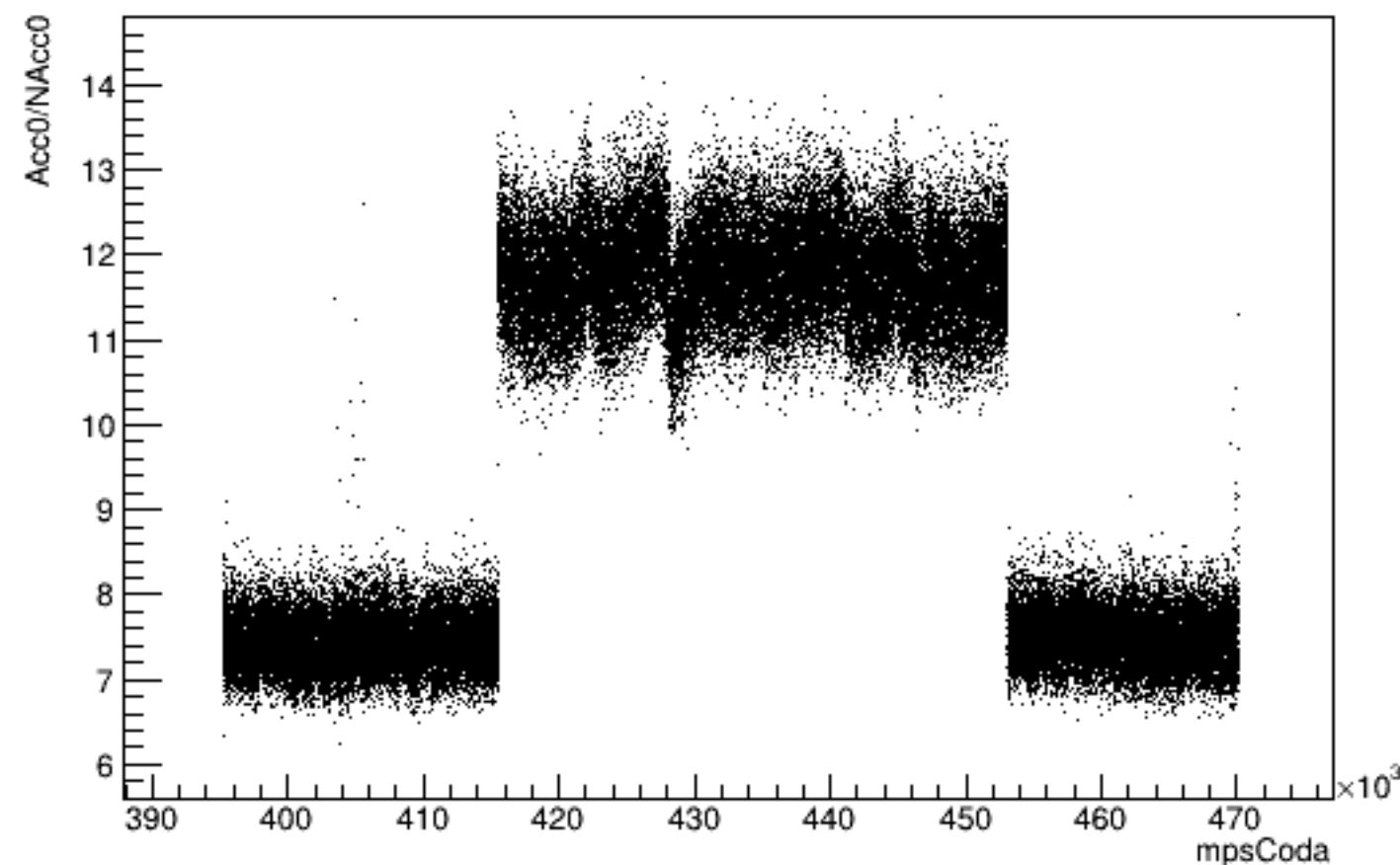
Mean: 0.0004 +/- 0.0005

Std Dev: 0.0222 +/- 0.0003

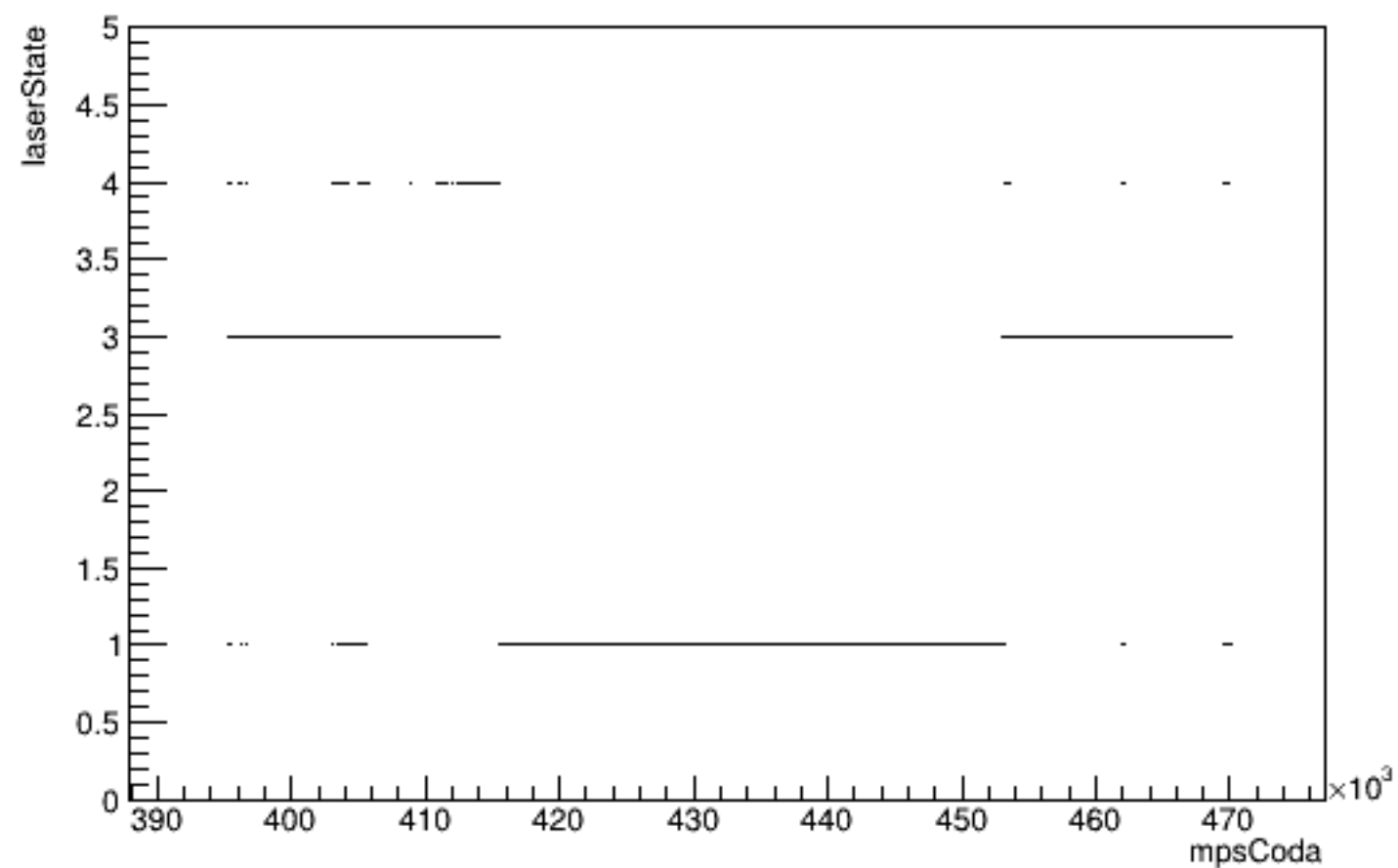
Run 4615 quartetwise, Asyms



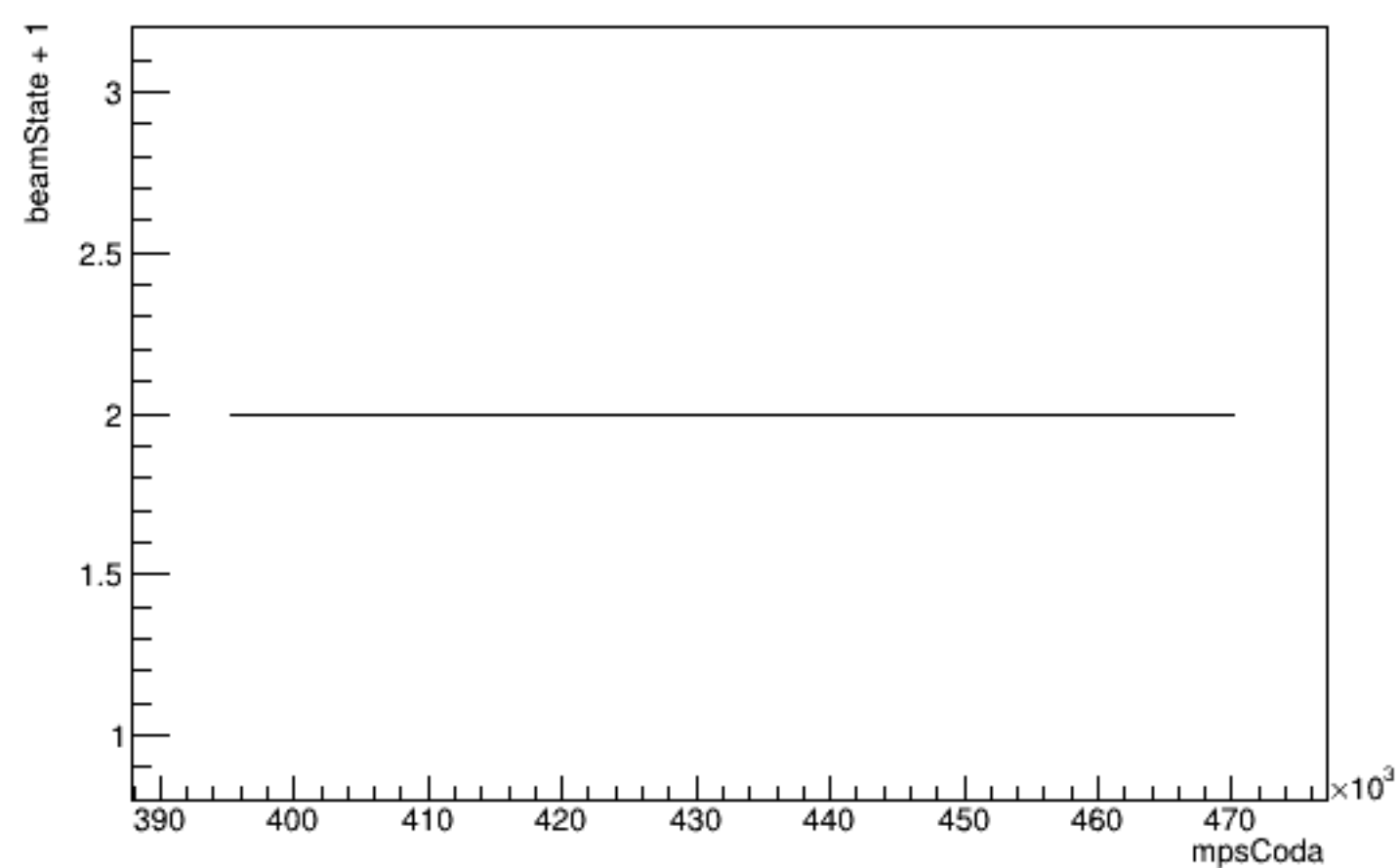
Acc0/NAcc0:mpsCoda (mpsCoda>=395191 && mpsCoda<=470102 && beamState==1)



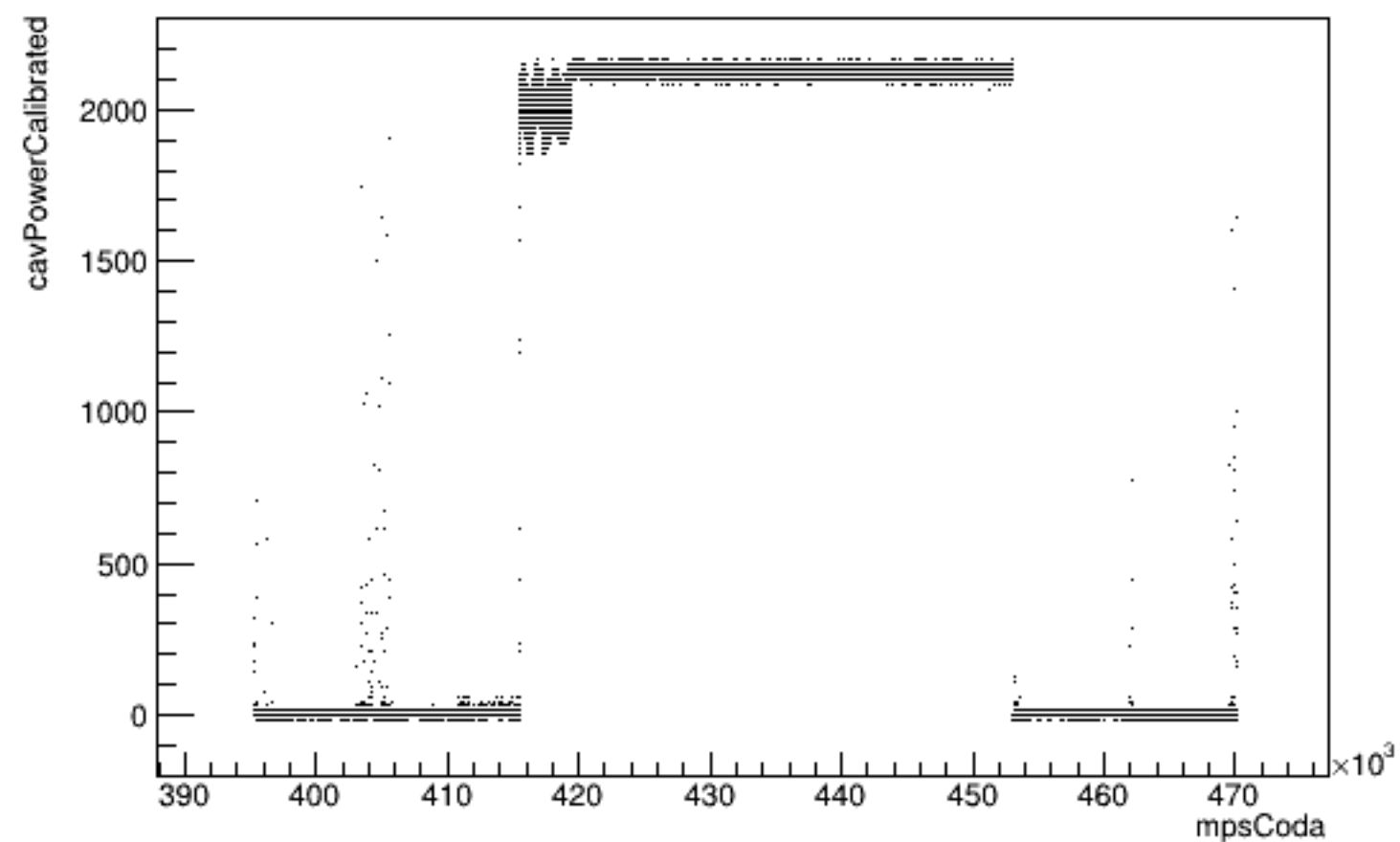
laserState:mpsCoda {mpsCoda>=395191 && mpsCoda<=470102}



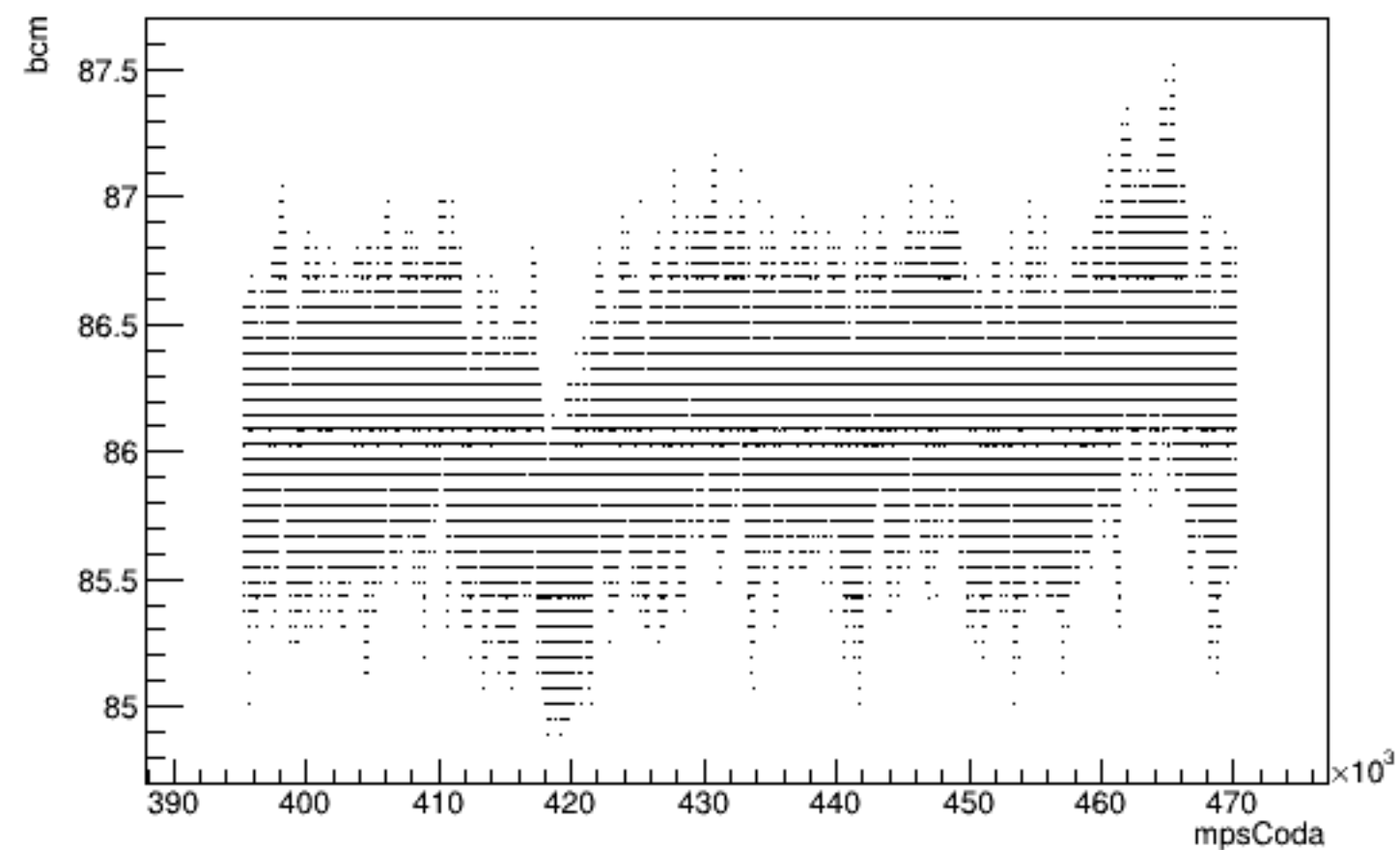
beamState + 1:mpsCoda {mpsCoda>=395191 && mpsCoda<=470102}



cavPowerCalibrated:mpsCoda {mpsCoda>=395191 && mpsCoda<=470102}



bcm:mpsCoda {mpsCoda>=395191 && mpsCoda<=470102}



Cycle 11, Diffs

Entries: 2092

Mean: 0.0036 +/- 0.0042

Std Dev: 0.1922 +/- 0.0030

Entries: 1812

Mean: -0.1143 +/- 0.0068

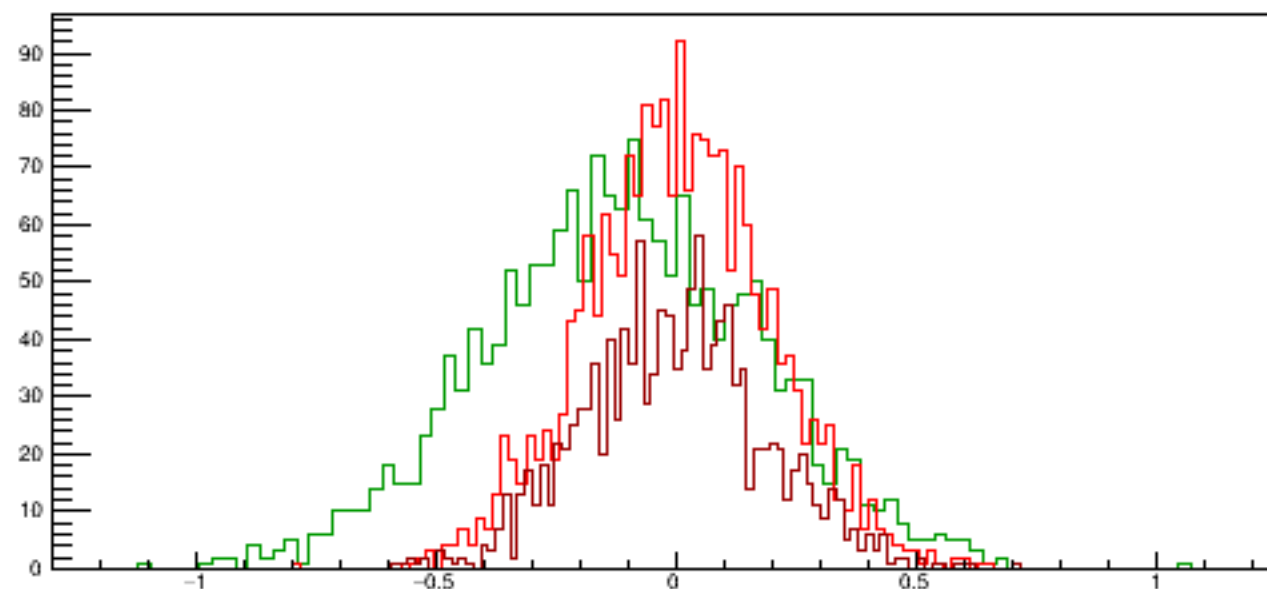
Std Dev: 0.2884 +/- 0.0048

Entries: 1310

Mean: -0.0032 +/- 0.0052

Std Dev: 0.1897 +/- 0.0037

Run 4615 quartetwise, Diffs



Cycle 11, Sums

Entries: 2092

Mean: 14.9660 +/- 0.0053

Std Dev: 0.2437 +/- 0.0038

Entries: 1812

Mean: 23.5702 +/- 0.0114

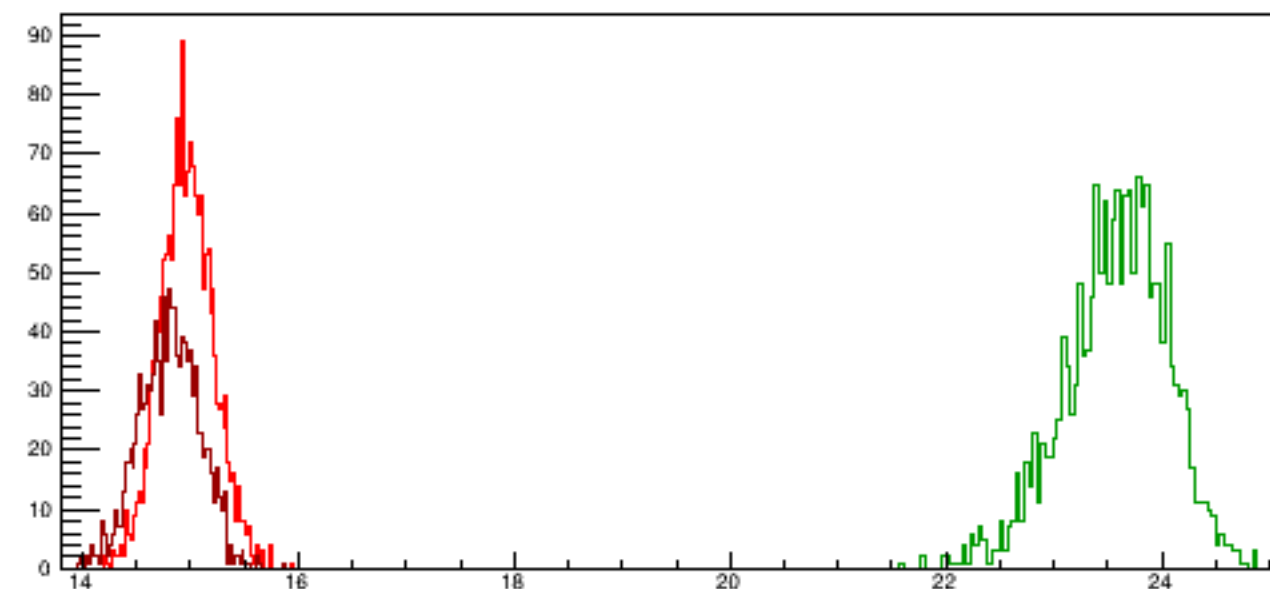
Std Dev: 0.4870 +/- 0.0081

Entries: 1310

Mean: 14.8054 +/- 0.0077

Std Dev: 0.2782 +/- 0.0054

Run 4615 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=453087 && mpsCoda<=495646 && beamState==1)

Cycle 11, Asyms

Entries: 2092

Mean: 0.0004 +/- 0.0005

Std Dev: 0.0221 +/- 0.0003

Entries: 1812

Mean: -0.0130 +/- 0.0008

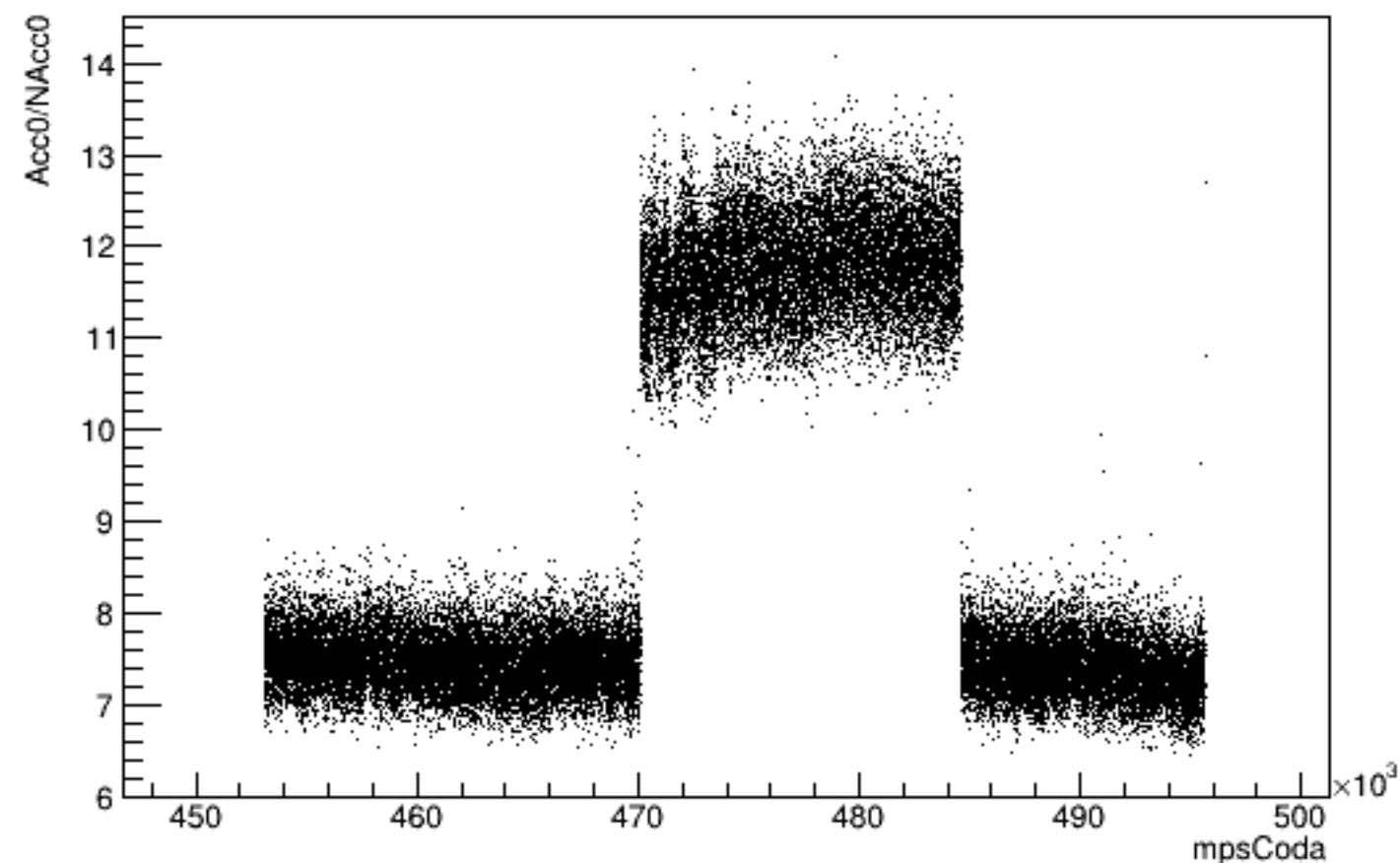
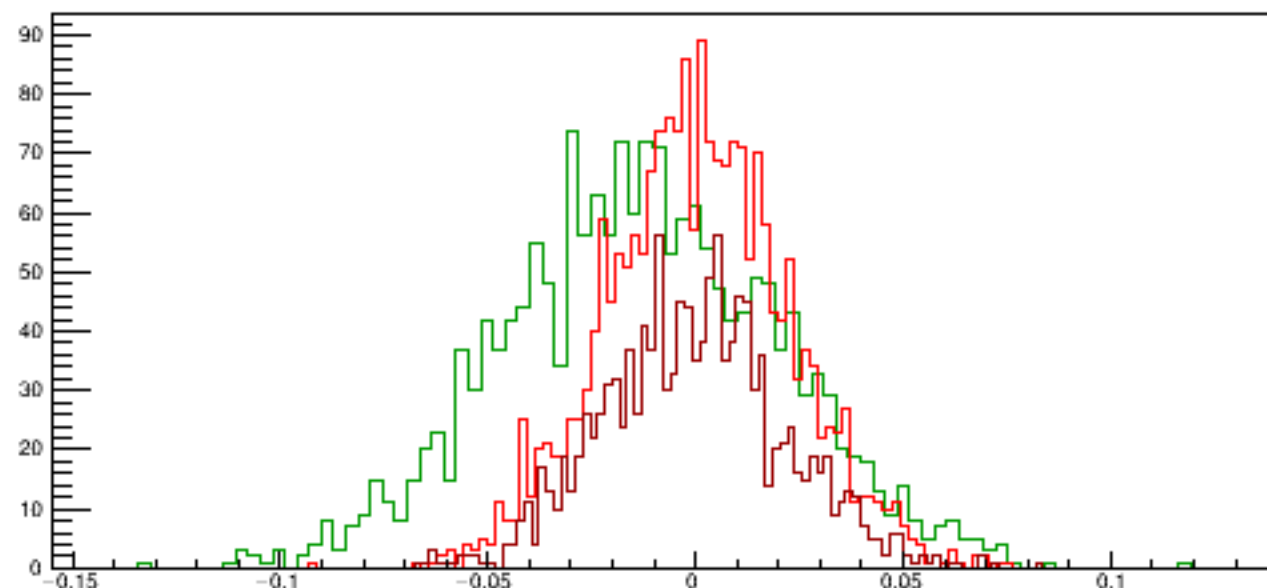
Std Dev: 0.0333 +/- 0.0006

Entries: 1310

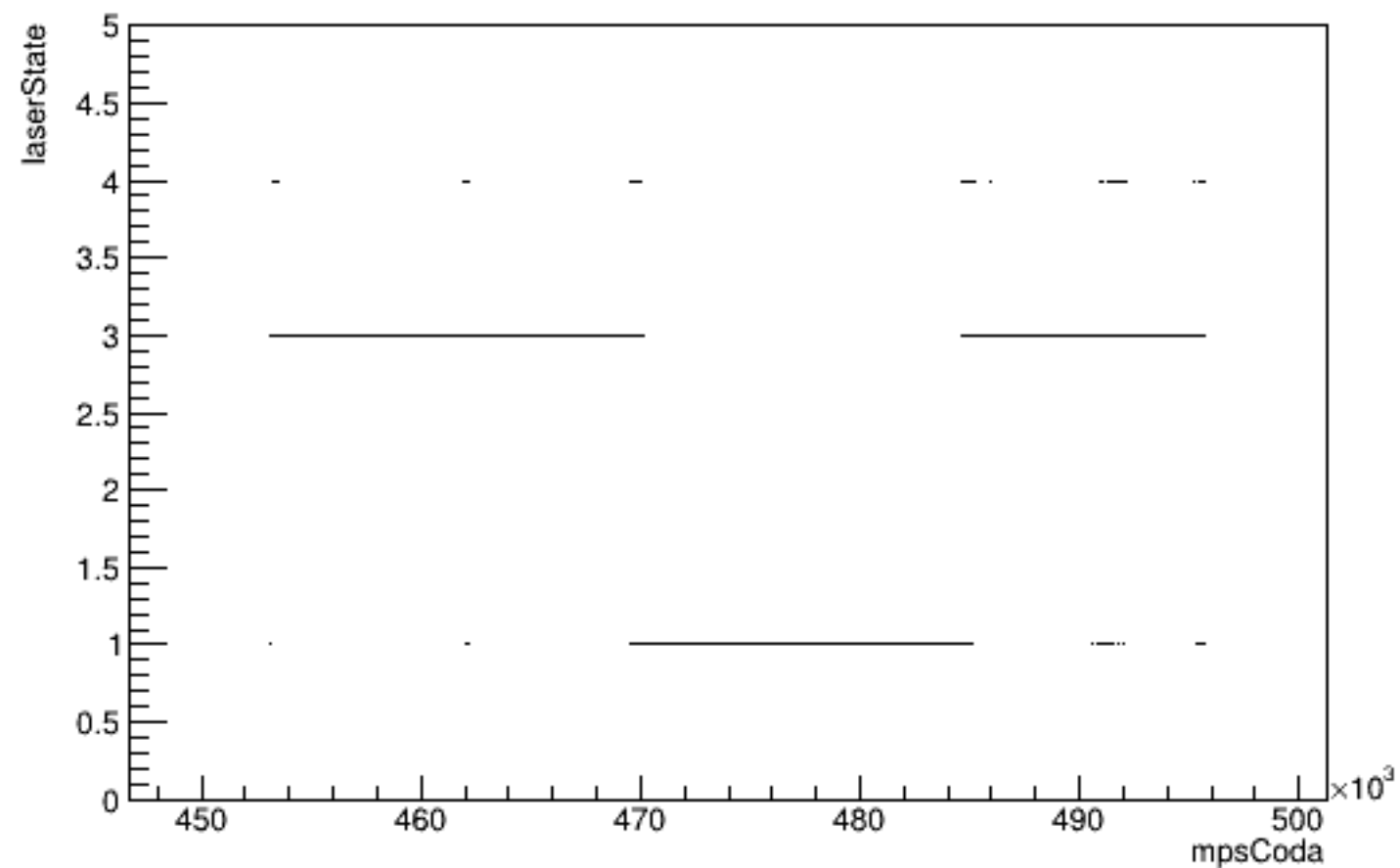
Mean: -0.0004 +/- 0.0006

Std Dev: 0.0218 +/- 0.0004

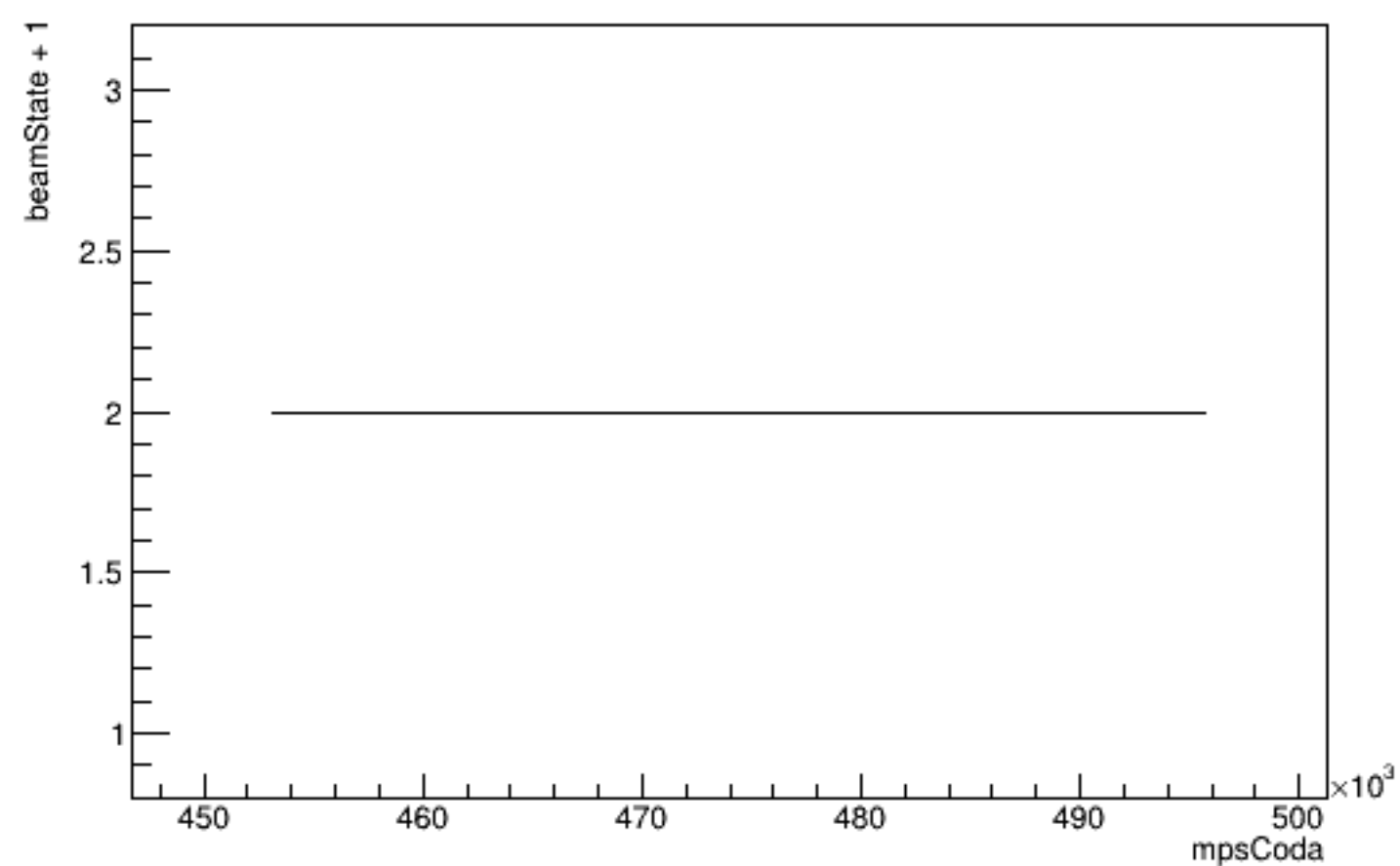
Run 4615 quartetwise, Asyms



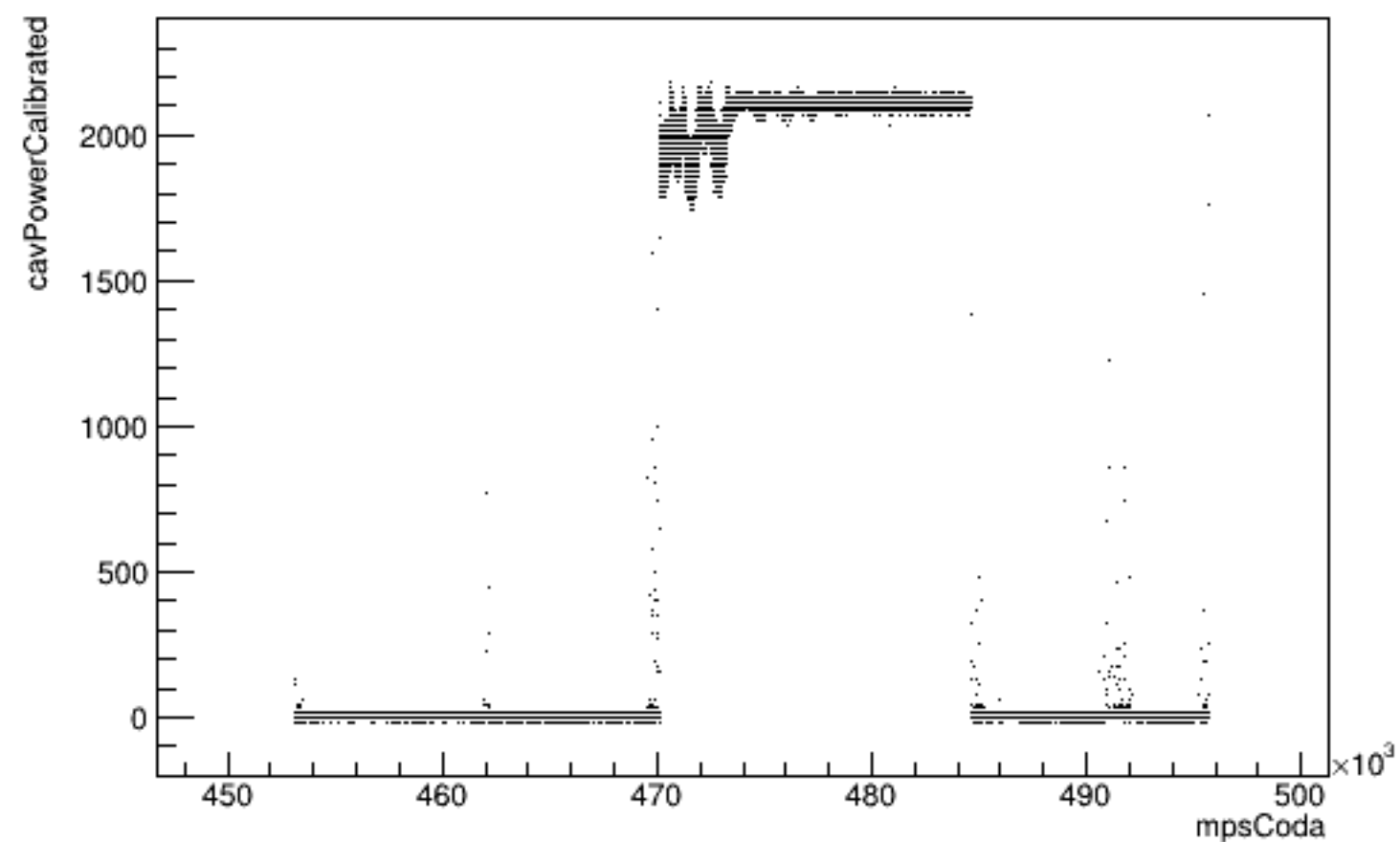
laserState:mpsCoda {mpsCoda>=453087 && mpsCoda<=495646}



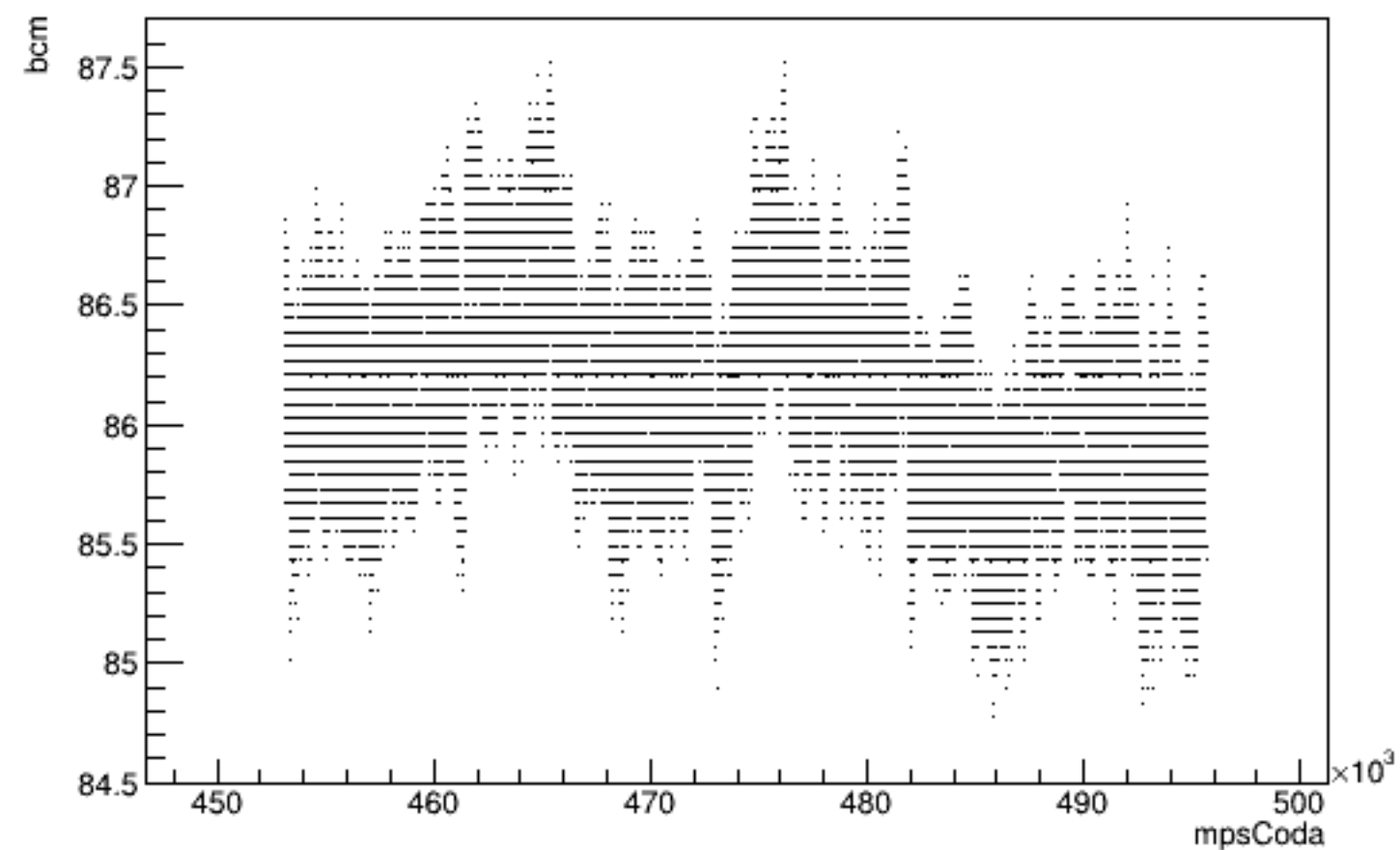
beamState + 1:mpsCoda {mpsCoda>=453087 && mpsCoda<=495646}



cavPowerCalibrated:mpsCoda {mpsCoda>=453087 && mpsCoda<=495646}



bcm:mpsCoda {mpsCoda>=453087 && mpsCoda<=495646}



Cycle 12, Diffs

Entries: 2050

Mean: 0.0017 +/- 0.0042

Std Dev: 0.1915 +/- 0.0030

Entries: 998

Mean: -0.1348 +/- 0.0091

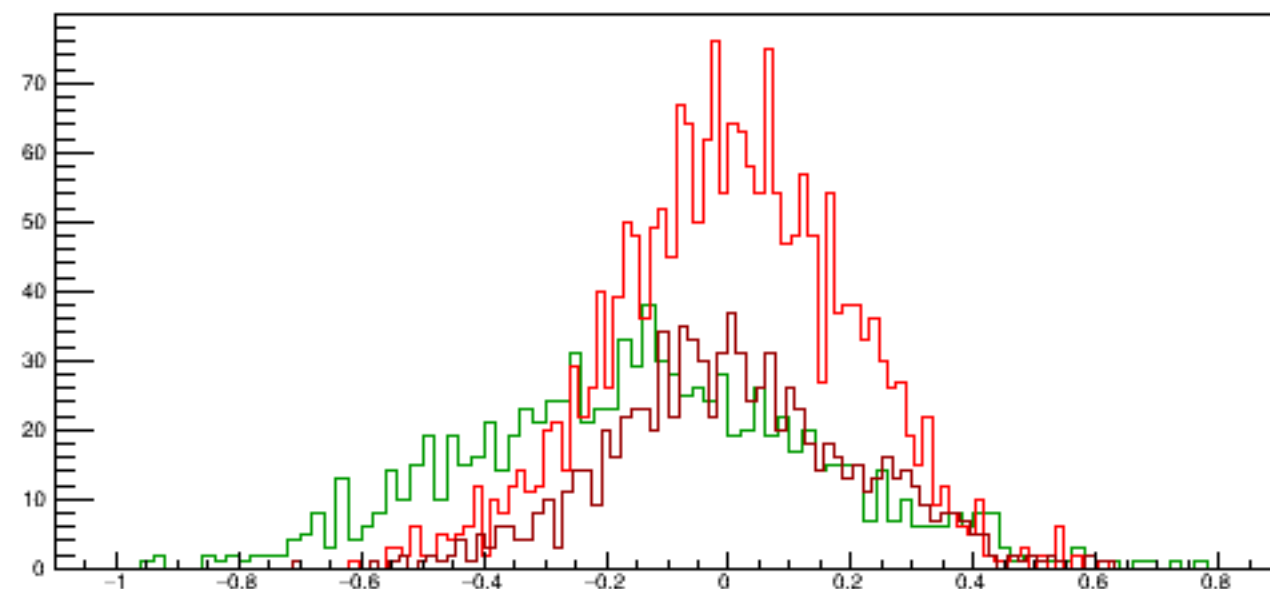
Std Dev: 0.2871 +/- 0.0064

Entries: 899

Mean: 0.0074 +/- 0.0067

Std Dev: 0.2018 +/- 0.0048

Run 4615 quartetwise, Diffs



Cycle 12, Sums

Entries: 2050

Mean: 14.7844 +/- 0.0055

Std Dev: 0.2486 +/- 0.0039

Entries: 998

Mean: 23.5492 +/- 0.0181

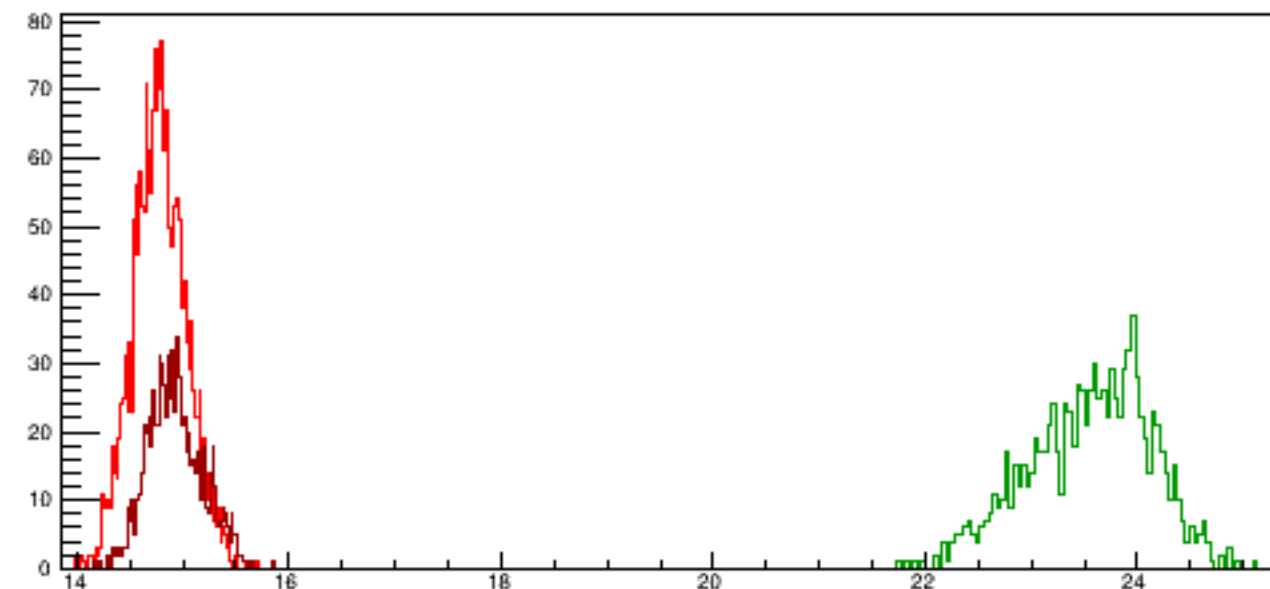
Std Dev: 0.5712 +/- 0.0128

Entries: 899

Mean: 14.9323 +/- 0.0087

Std Dev: 0.2612 +/- 0.0062

Run 4615 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=506967 && mpsCoda<=539214 && beamState==1)

Cycle 12, Asyms

Entries: 2050

Mean: 0.0002 +/- 0.0005

Std Dev: 0.0220 +/- 0.0003

Entries: 998

Mean: -0.0156 +/- 0.0011

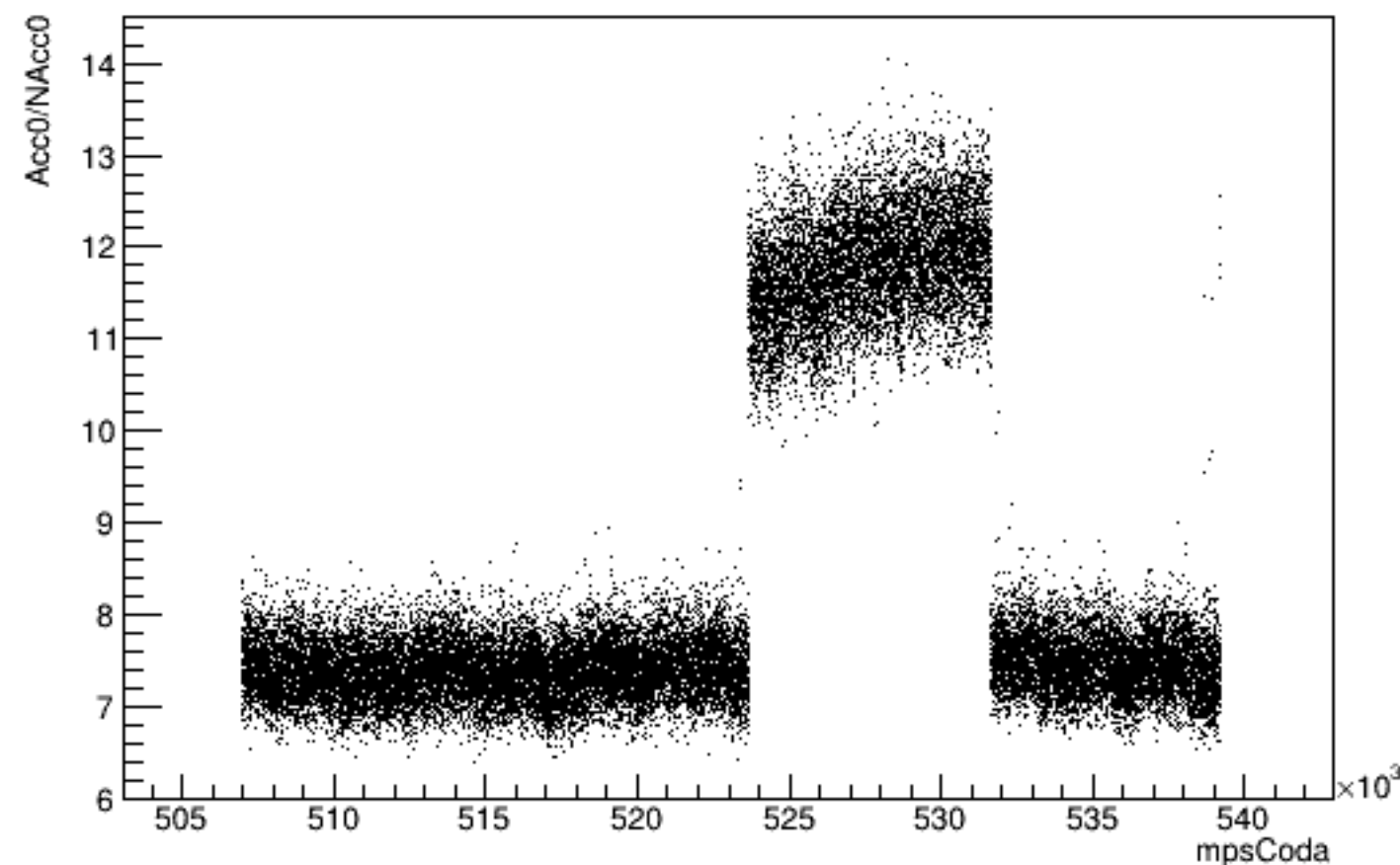
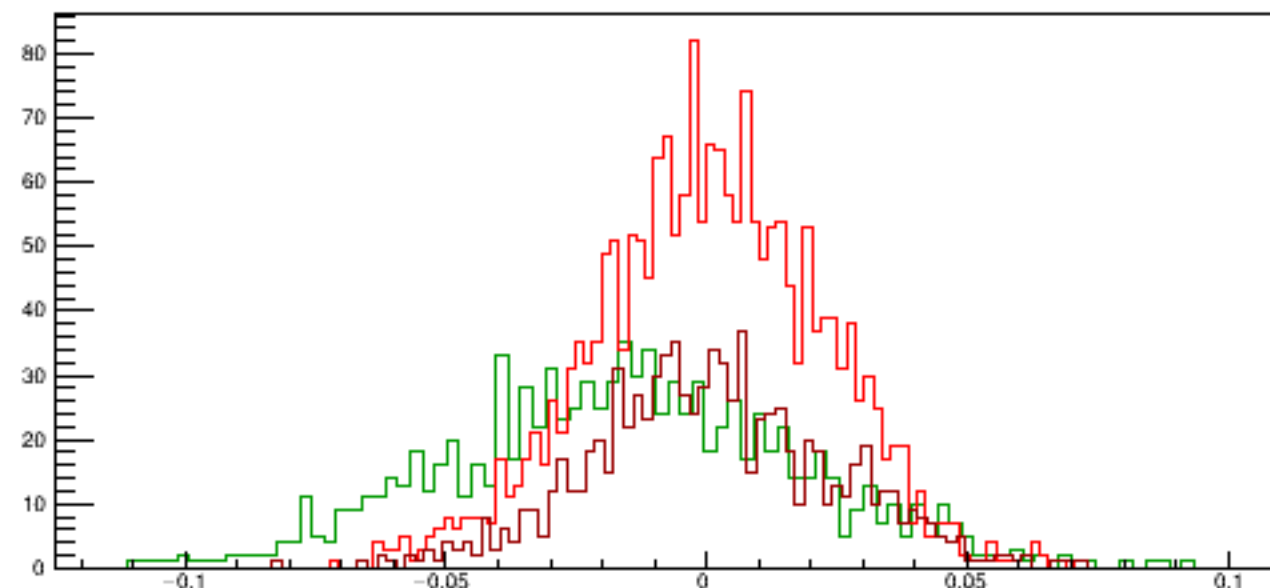
Std Dev: 0.0333 +/- 0.0007

Entries: 899

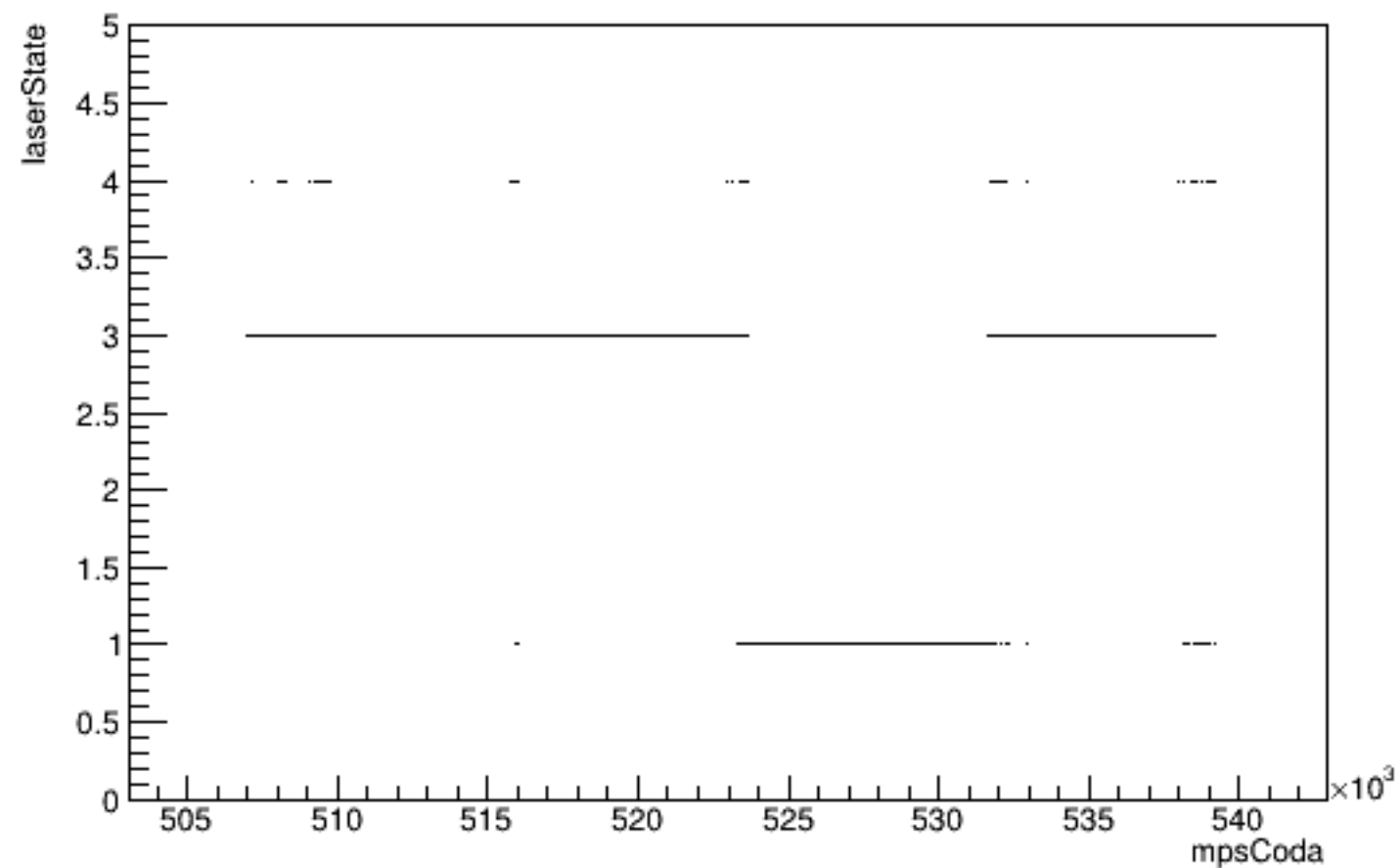
Mean: 0.0009 +/- 0.0008

Std Dev: 0.0232 +/- 0.0005

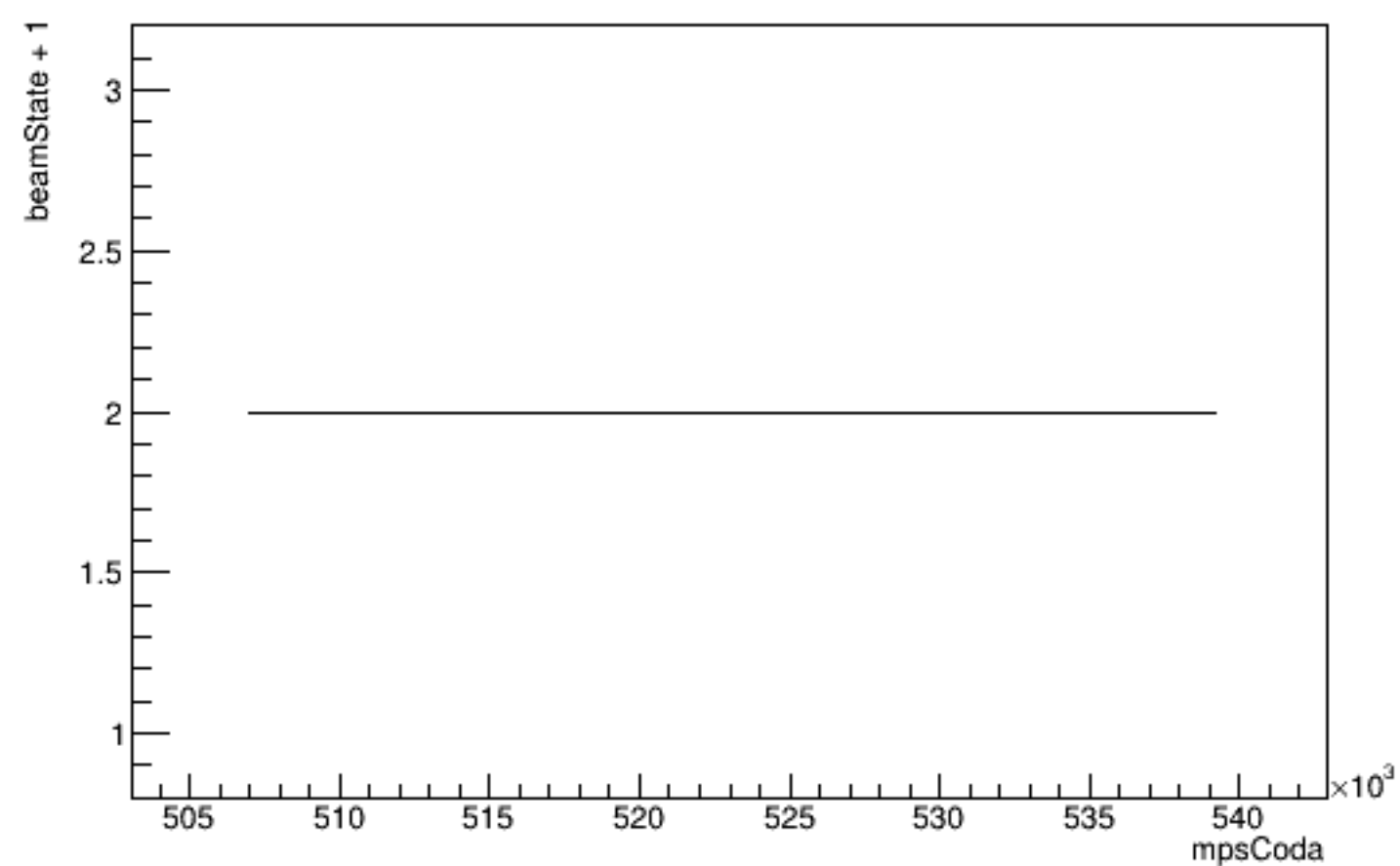
Run 4615 quartetwise, Asyms



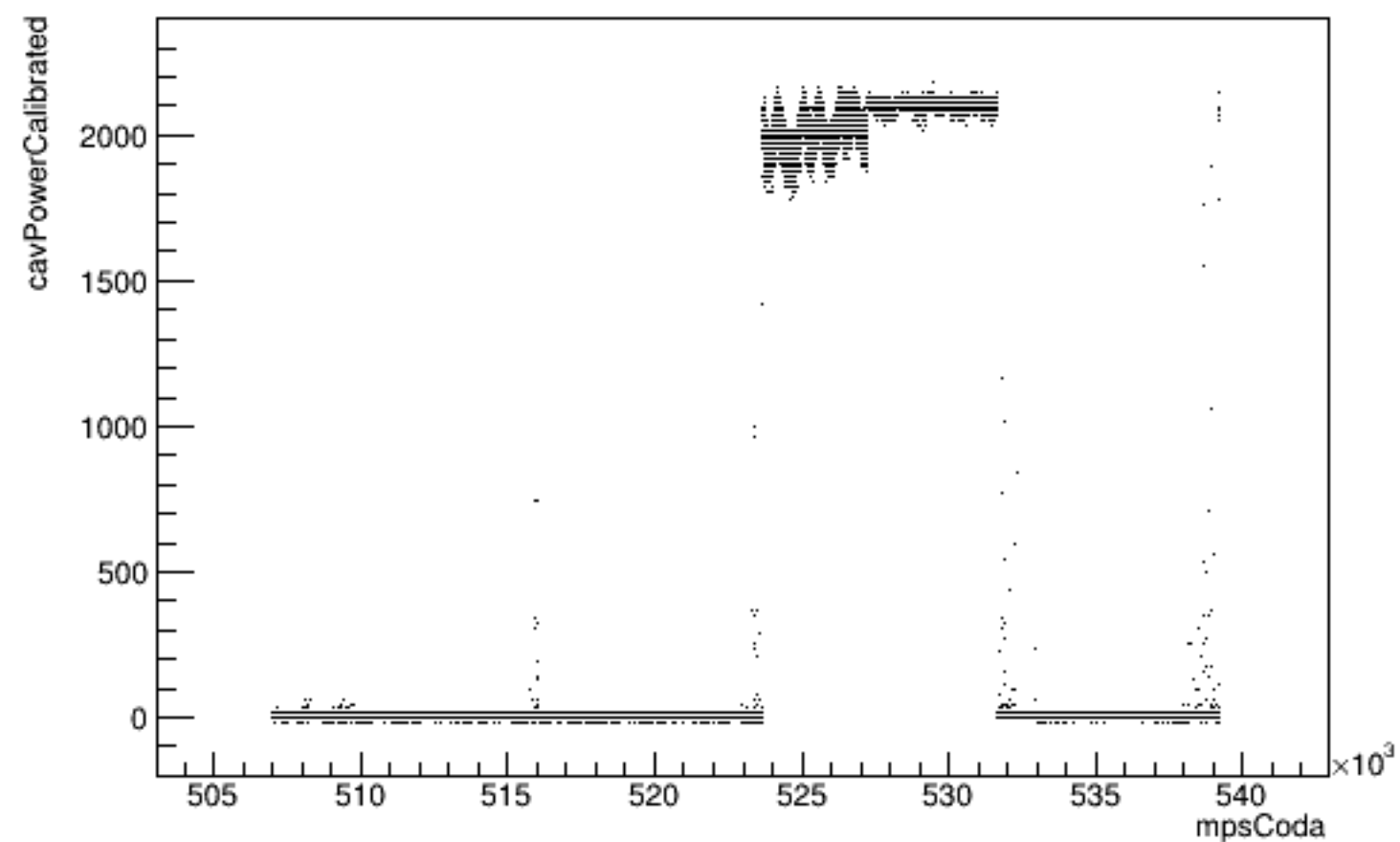
laserState:mpsCoda {mpsCoda>=506967 && mpsCoda<=539214}



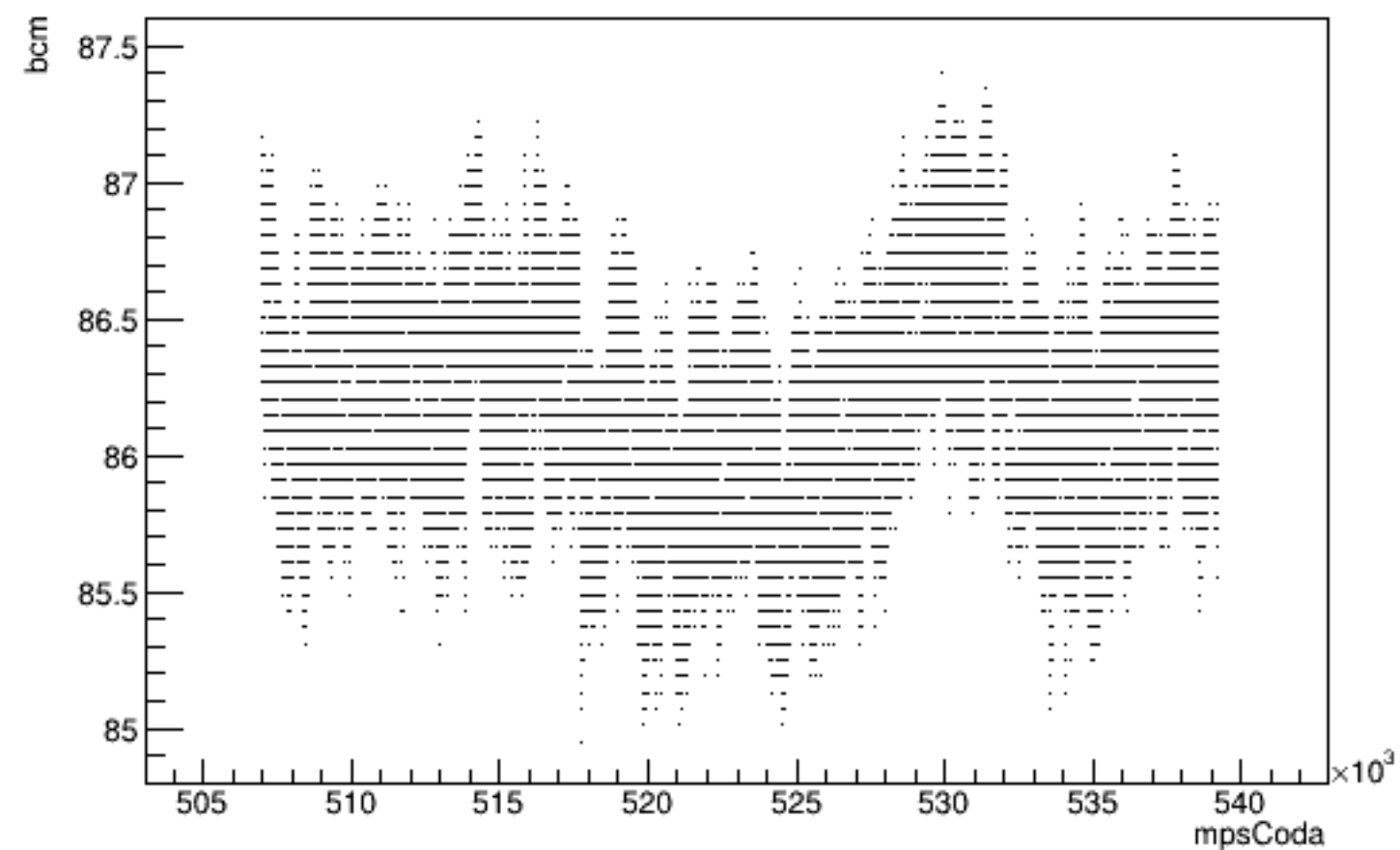
beamState + 1:mpsCoda {mpsCoda>=506967 && mpsCoda<=539214}



cavPowerCalibrated:mpsCoda {mpsCoda>=506967 && mpsCoda<=539214}



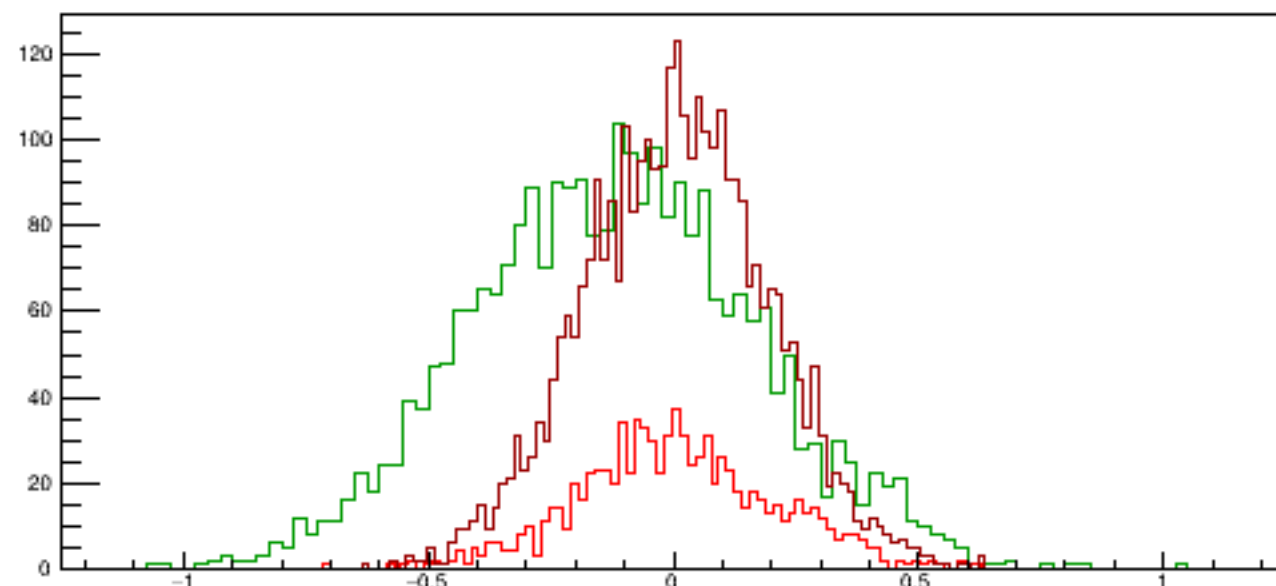
bcm:mpsCoda {mpsCoda>=506967 && mpsCoda<=539214}



Cycle 13, Diffs

Entries: 899	Entries: 2703	Entries: 3386
Mean: 0.0074 +/- 0.0067	Mean: -0.1225 +/- 0.0055	Mean: 0.0069 +/- 0.0032
Std Dev: 0.2018 +/- 0.0048	Std Dev: 0.2874 +/- 0.0039	Std Dev: 0.1872 +/- 0.0023

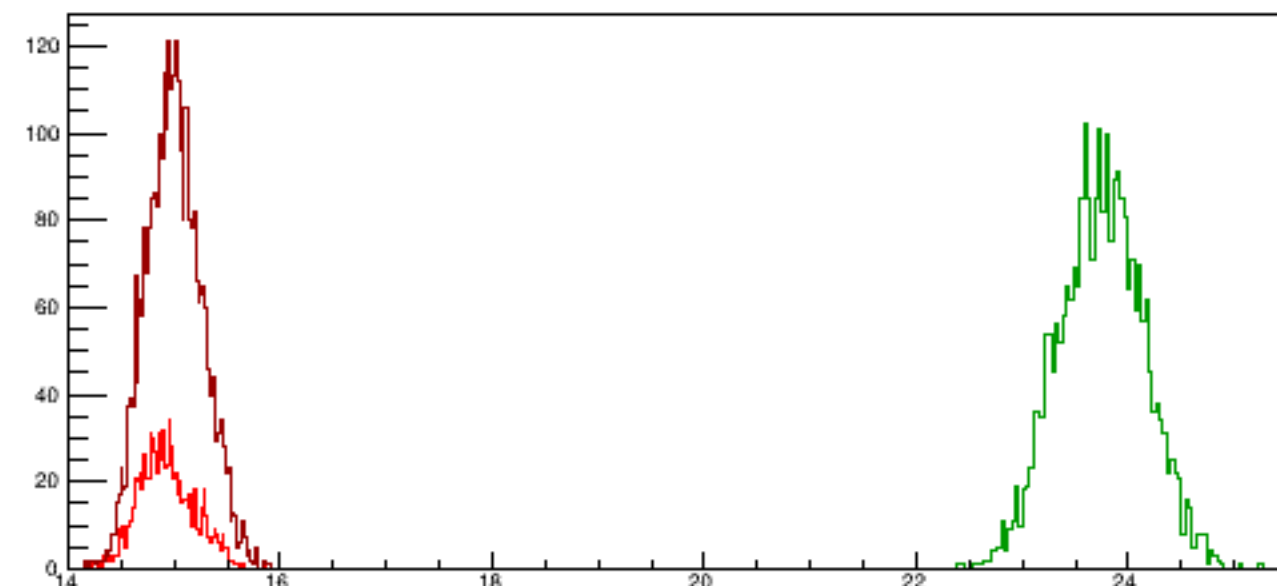
Run 4615 quartetwise, Diffs



Cycle 13, Sums

Entries: 899	Entries: 2703	Entries: 3386
Mean: 14.9323 +/- 0.0087	Mean: 23.7418 +/- 0.0078	Mean: 14.9989 +/- 0.0046
Std Dev: 0.2612 +/- 0.0062	Std Dev: 0.4049 +/- 0.0055	Std Dev: 0.2653 +/- 0.0032

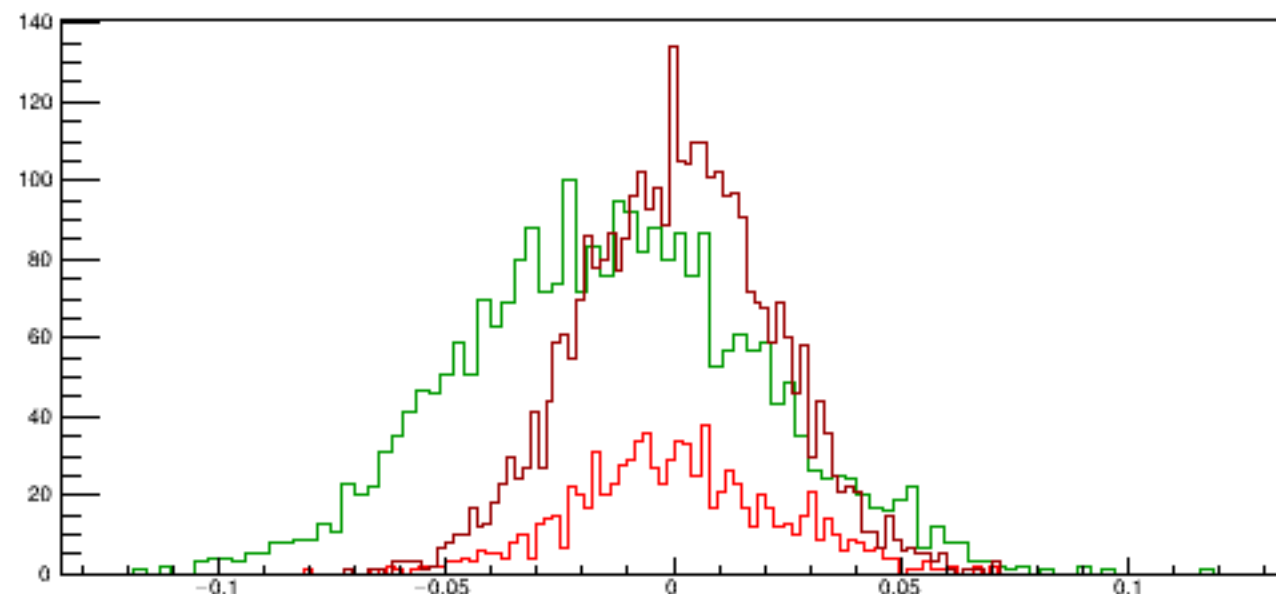
Run 4615 quartetwise, Sums



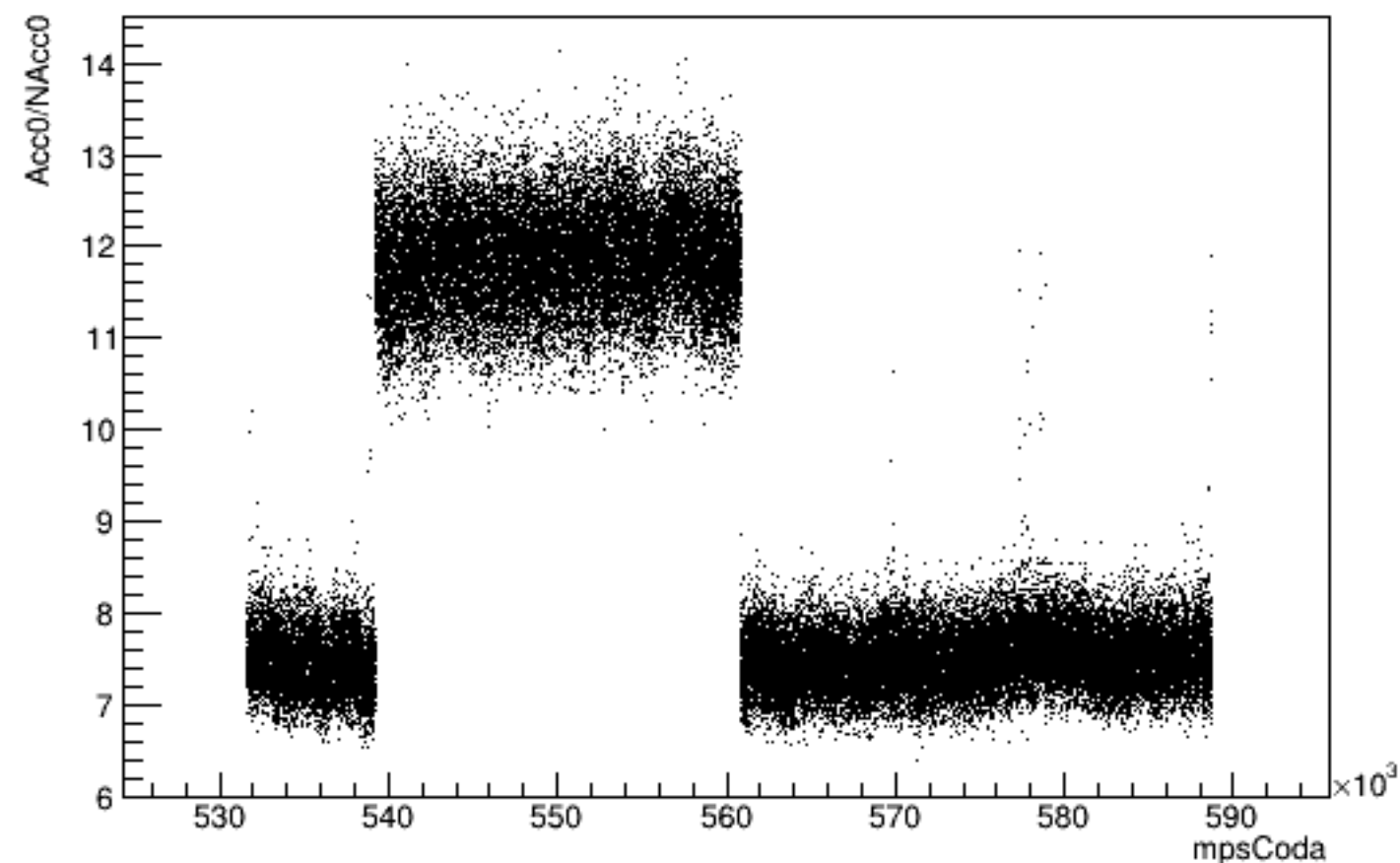
Cycle 13, Asyms

Entries: 899	Entries: 2703	Entries: 3386
Mean: 0.0008 +/- 0.0008	Mean: -0.0140 +/- 0.0006	Mean: 0.0008 +/- 0.0004
Std Dev: 0.0230 +/- 0.0005	Std Dev: 0.0328 +/- 0.0004	Std Dev: 0.0213 +/- 0.0003

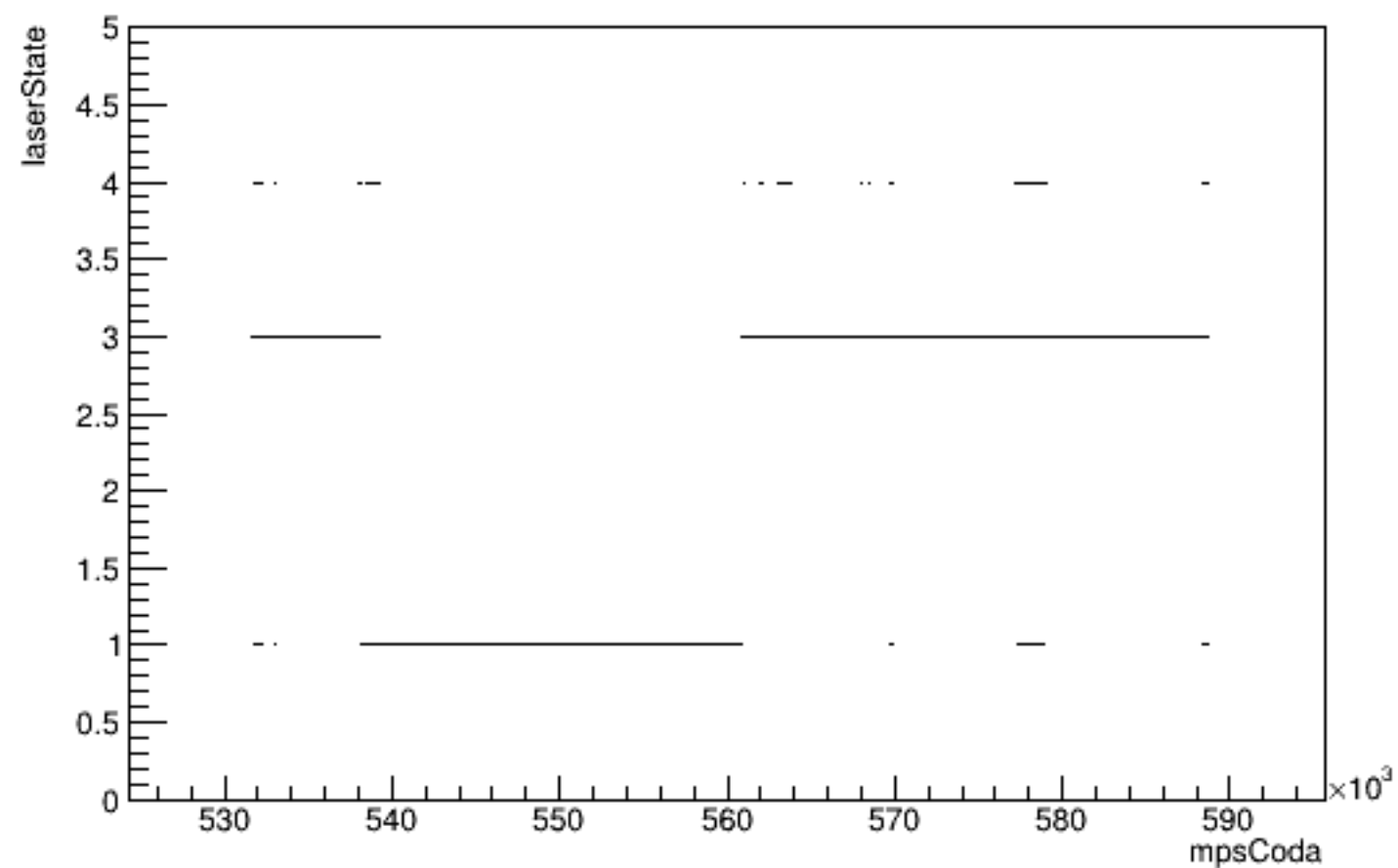
Run 4615 quartetwise, Asyms



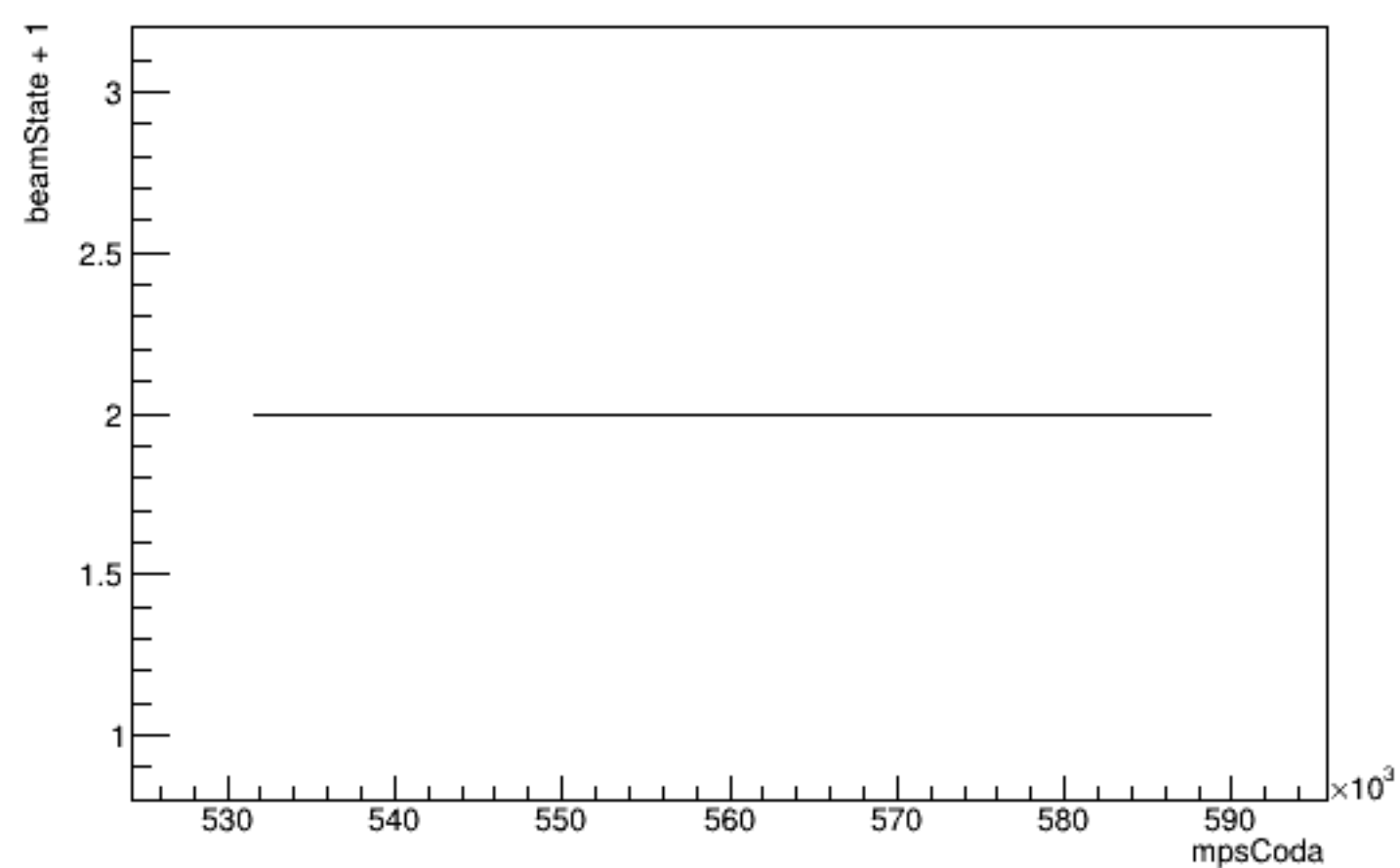
Acc0/NAcc0:mpsCoda (mpsCoda>=531663 && mpsCoda<=588718 && beamState==1)



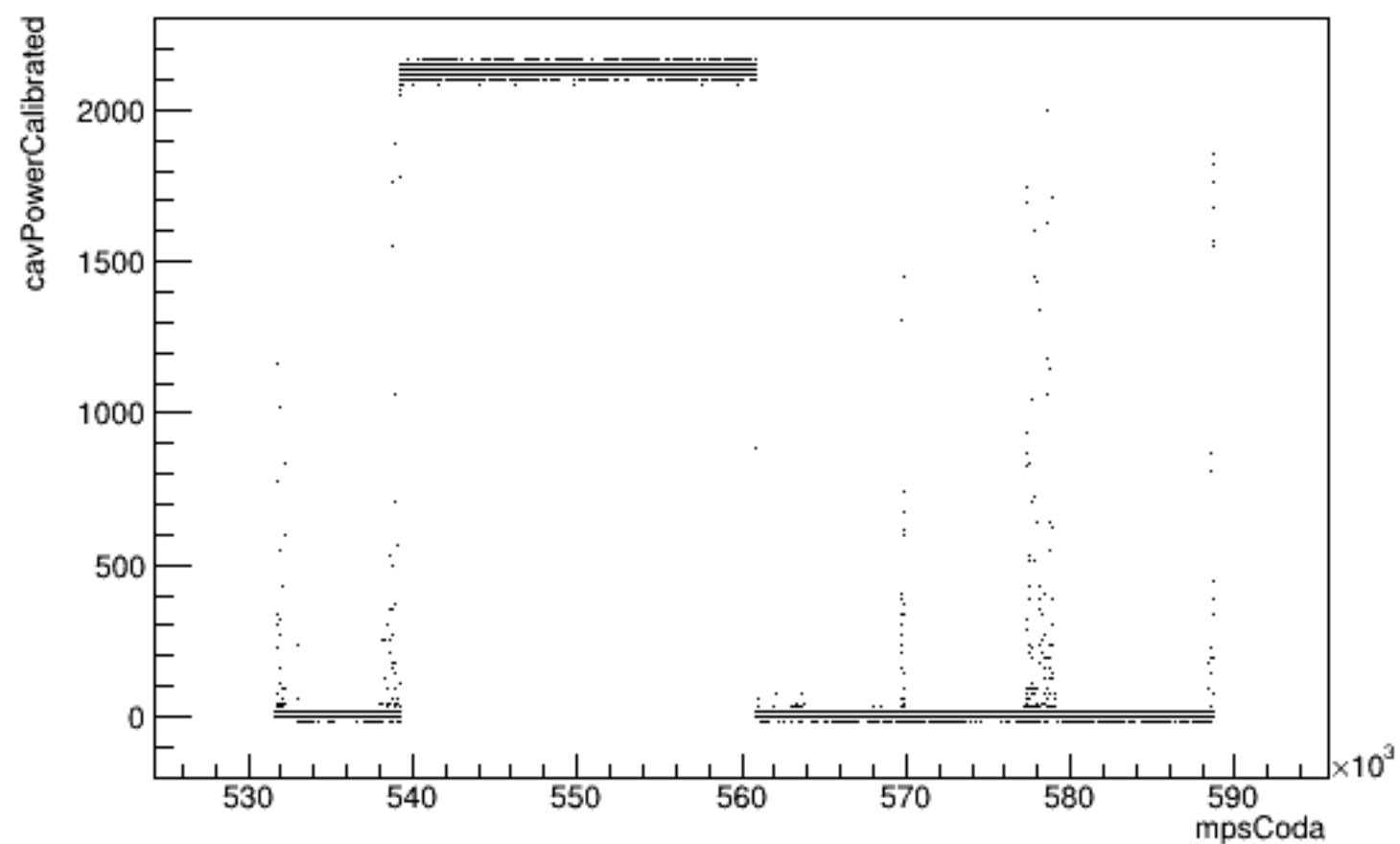
laserState:mpsCoda {mpsCoda>=531663 && mpsCoda<=588718}



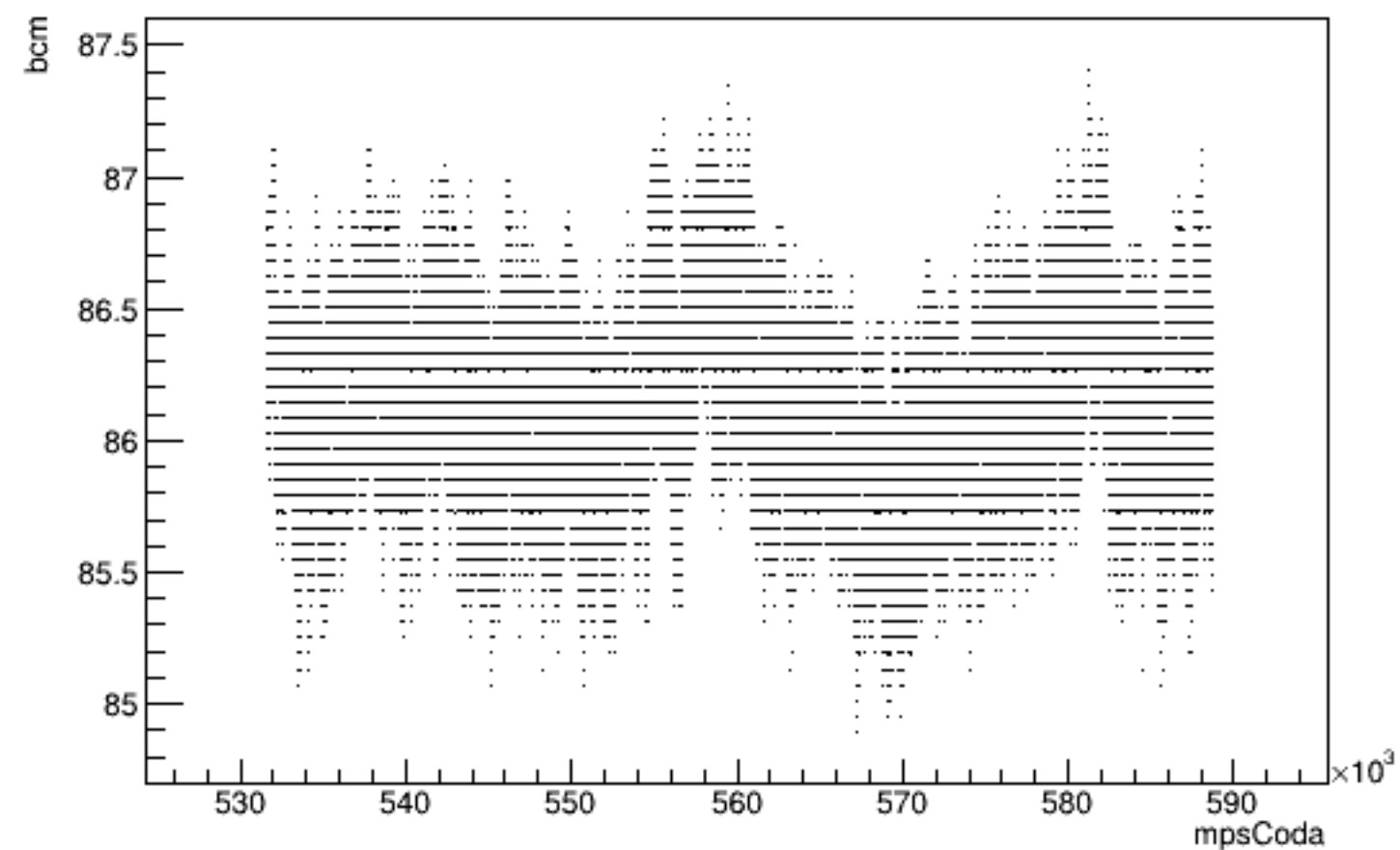
beamState + 1:mpsCoda {mpsCoda>=531663 && mpsCoda<=588718}



cavPowerCalibrated:mpsCoda {mpsCoda>=531663 && mpsCoda<=588718}



bcm:mpsCoda {mpsCoda>=531663 && mpsCoda<=588718}



Cycle 14, Diffs

Entries: 3386

Mean: 0.0069 +/- 0.0032

Std Dev: 0.1872 +/- 0.0023

Entries: 4645

Mean: -0.1337 +/- 0.0042

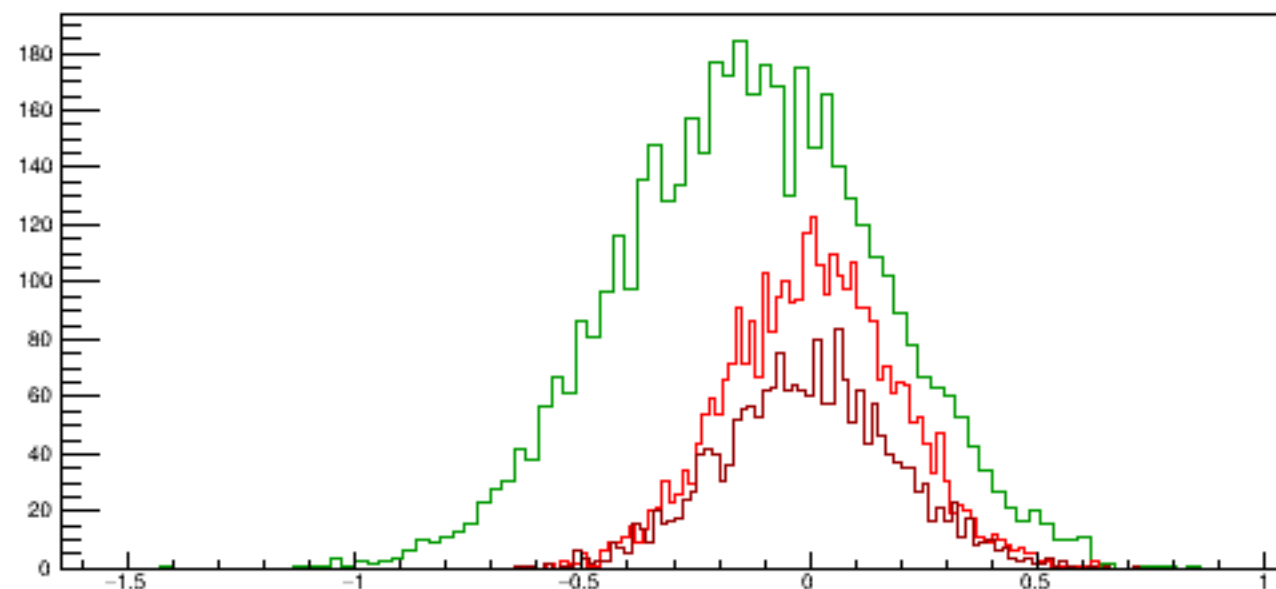
Std Dev: 0.2885 +/- 0.0030

Entries: 2047

Mean: -0.0030 +/- 0.0043

Std Dev: 0.1966 +/- 0.0031

Run 4615 quartetwise, Diffs



Cycle 14, Sums

Entries: 3386

Mean: 14.9989 +/- 0.0046

Std Dev: 0.2653 +/- 0.0032

Entries: 4645

Mean: 23.9233 +/- 0.0074

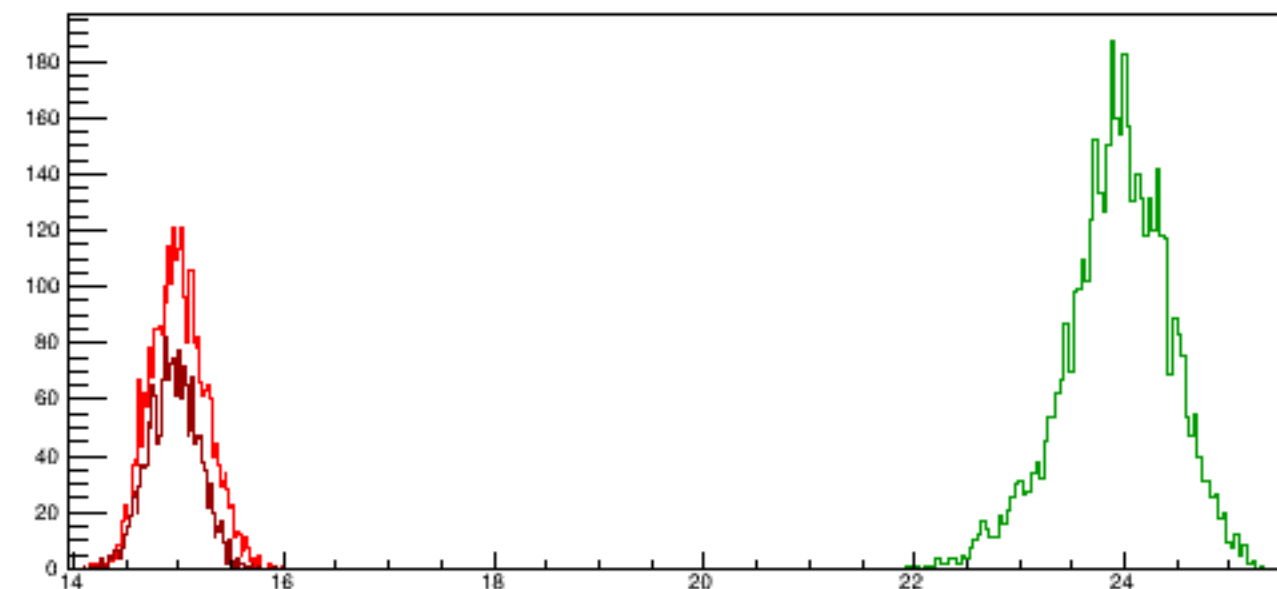
Std Dev: 0.5023 +/- 0.0052

Entries: 2047

Mean: 14.9500 +/- 0.0053

Std Dev: 0.2417 +/- 0.0038

Run 4615 quartetwise, Sums



Cycle 14, Asyms

Entries: 3386

Mean: 0.0008 +/- 0.0004

Std Dev: 0.0209 +/- 0.0003

Entries: 4645

Mean: -0.0149 +/- 0.0005

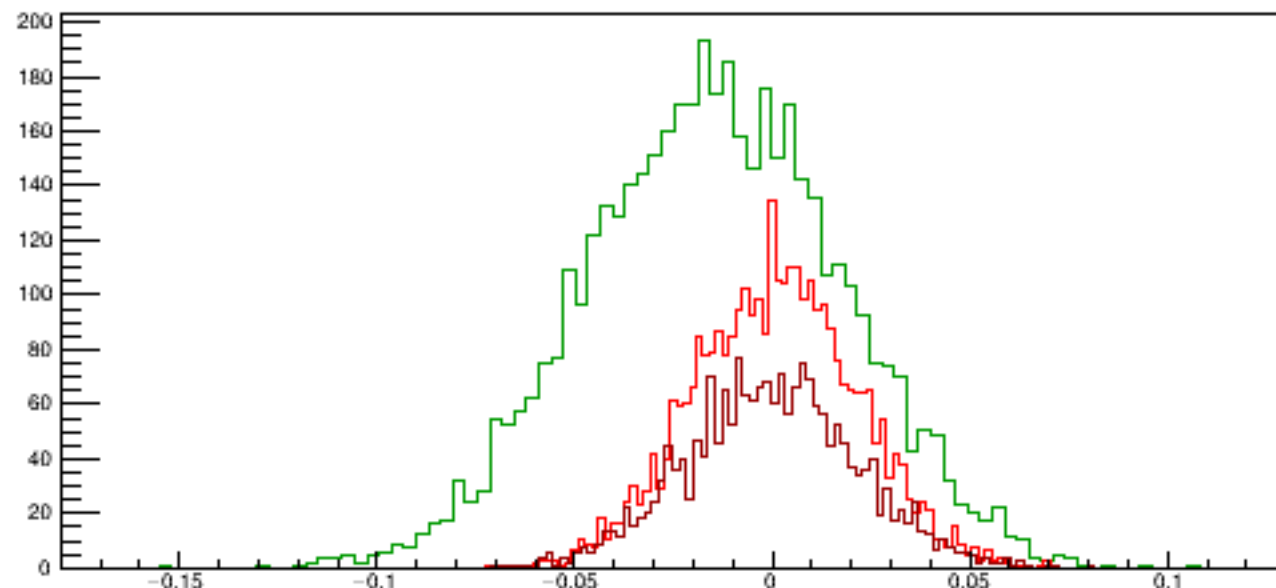
Std Dev: 0.0324 +/- 0.0003

Entries: 2047

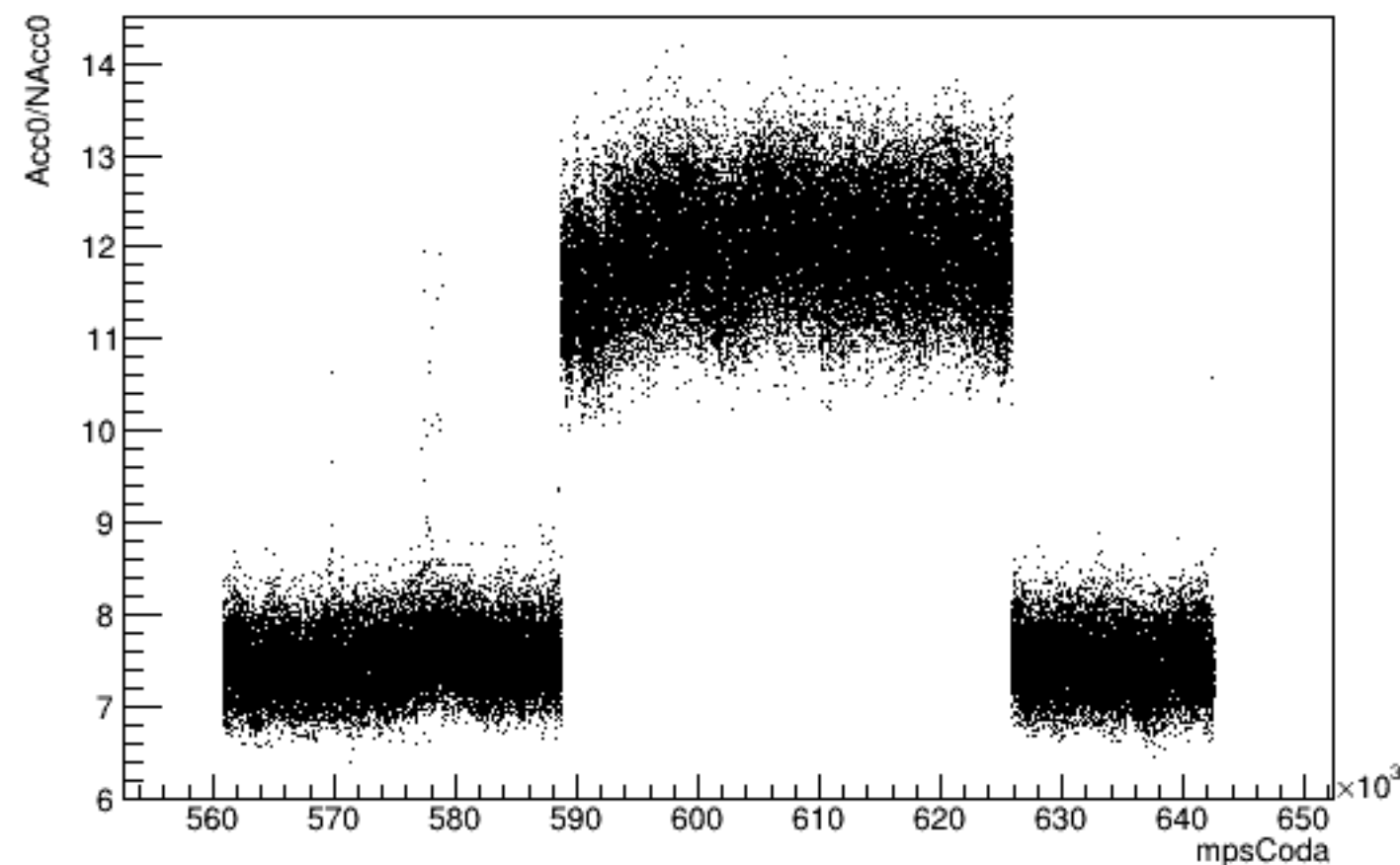
Mean: -0.0003 +/- 0.0005

Std Dev: 0.0220 +/- 0.0003

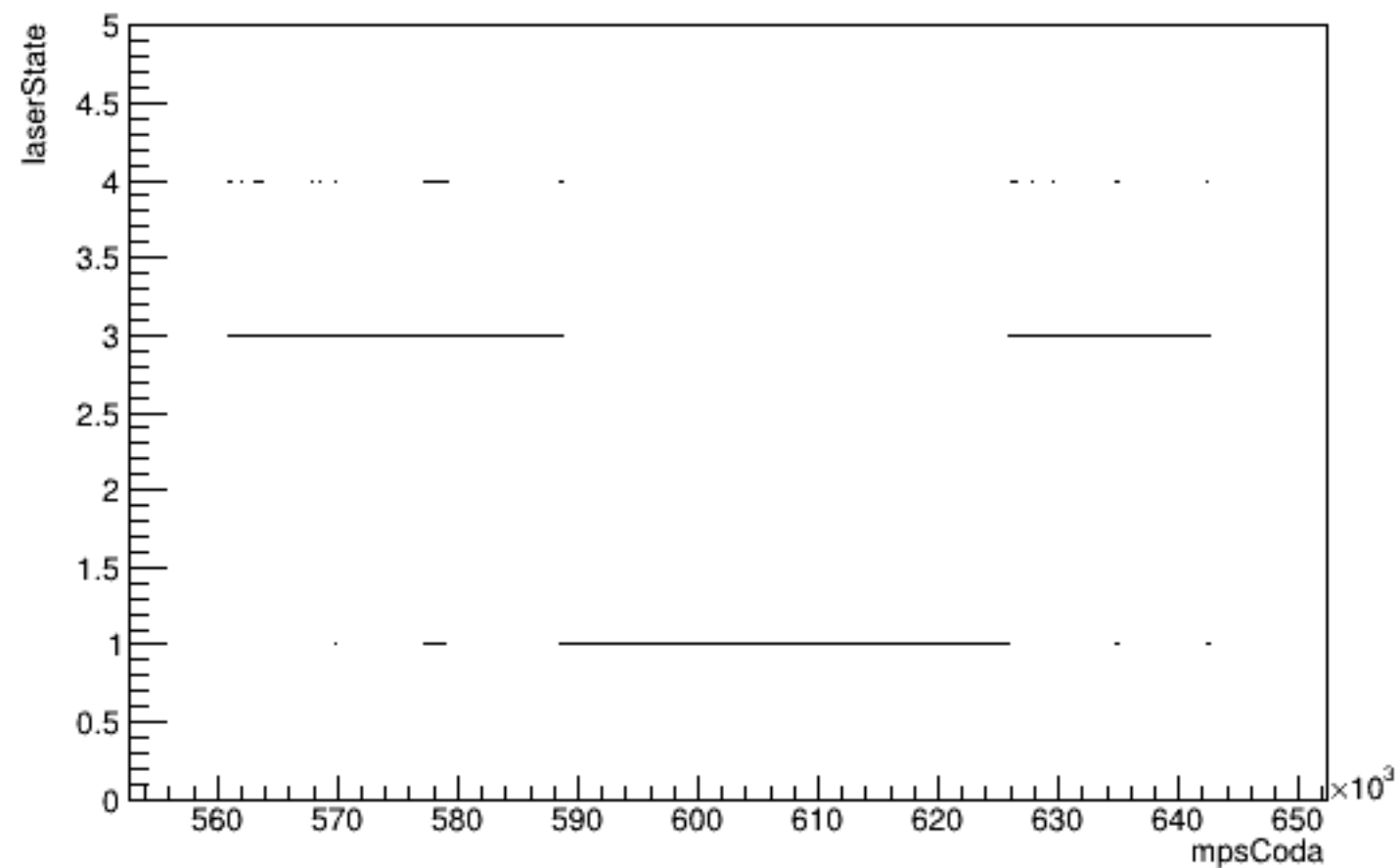
Run 4615 quartetwise, Asyms



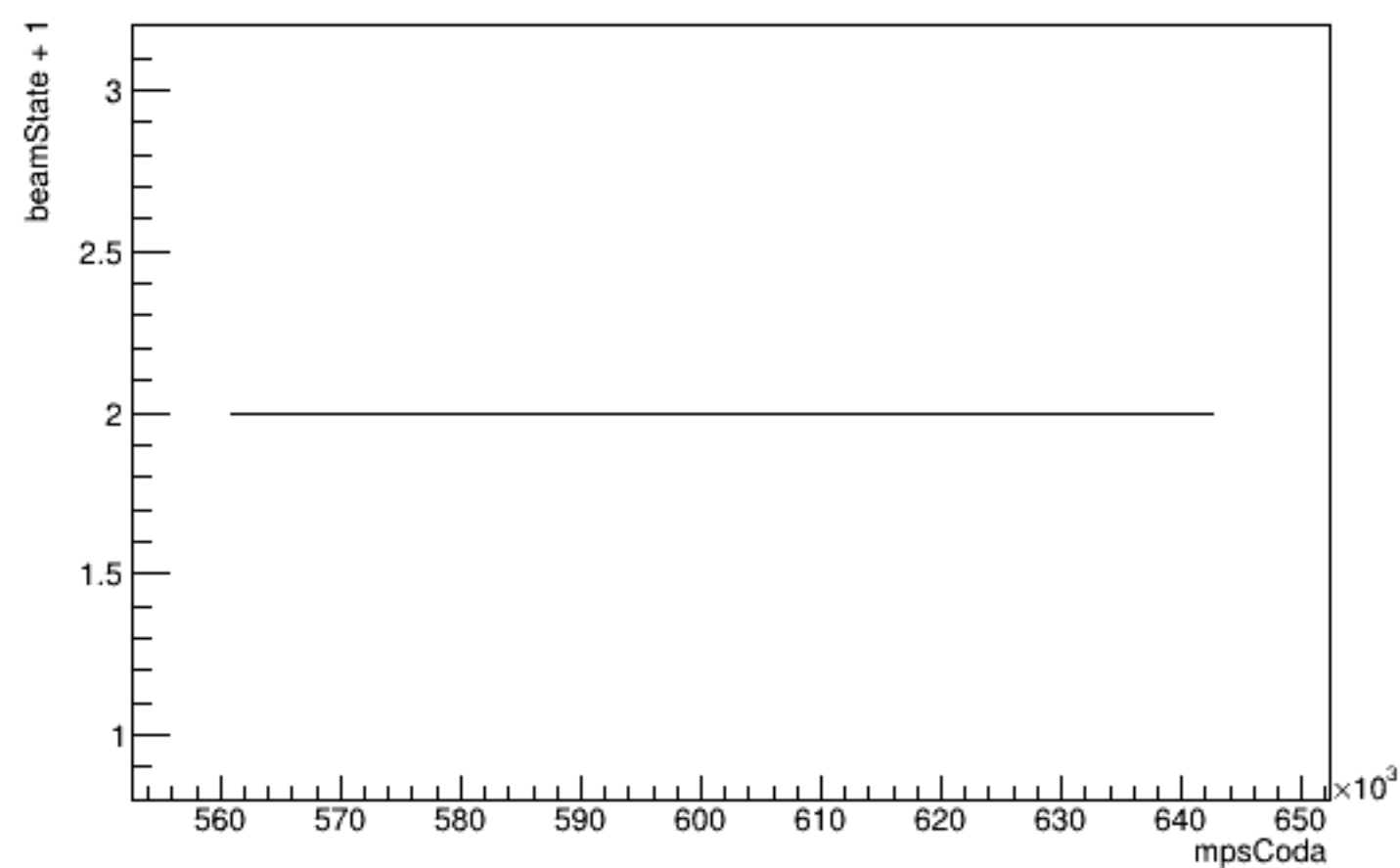
Acc0/NAcc0:mpsCoda (mpsCoda>=560847 && mpsCoda<=642486 && beamState==1)



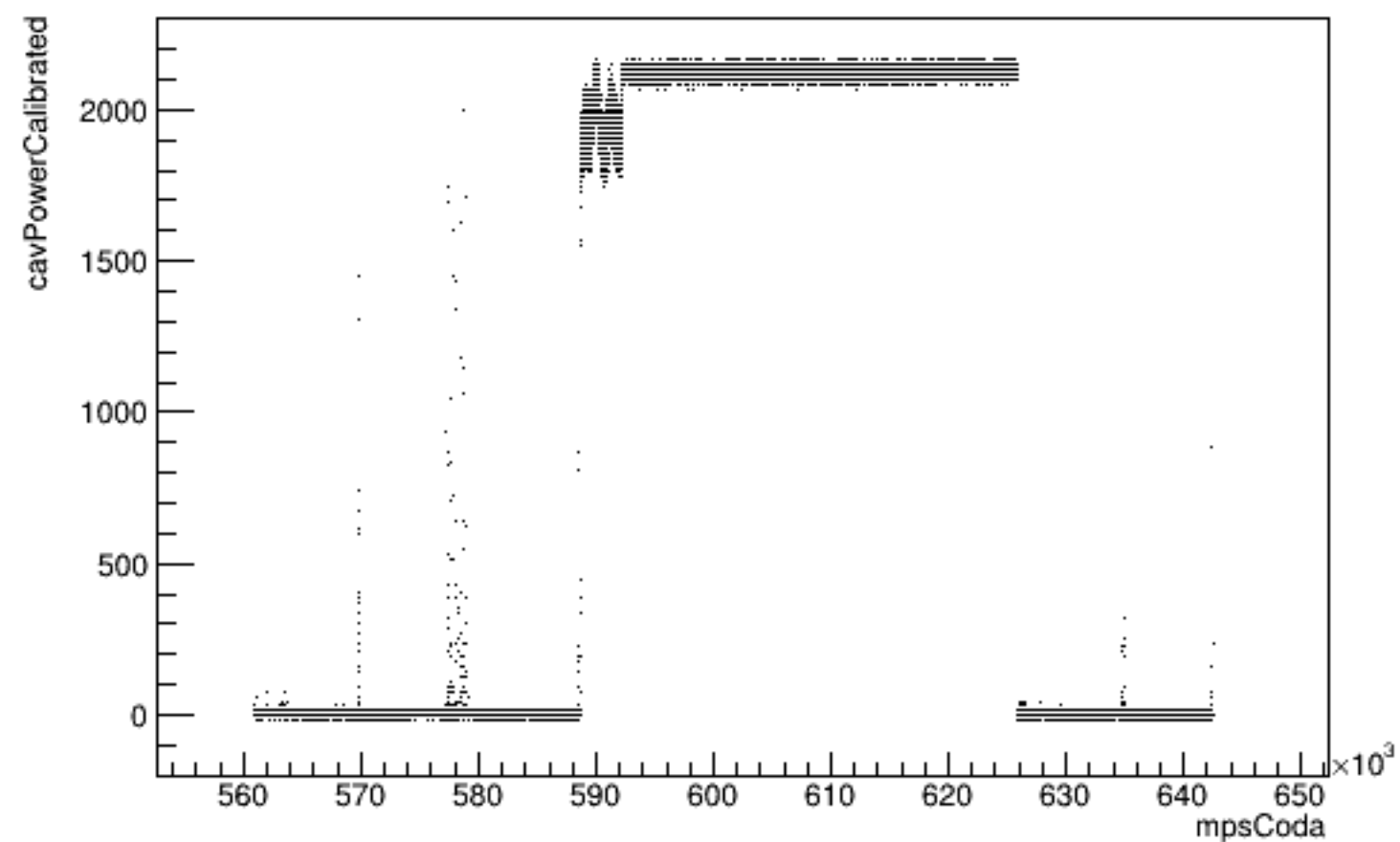
laserState:mpsCoda {mpsCoda>=560847 && mpsCoda<=642486}



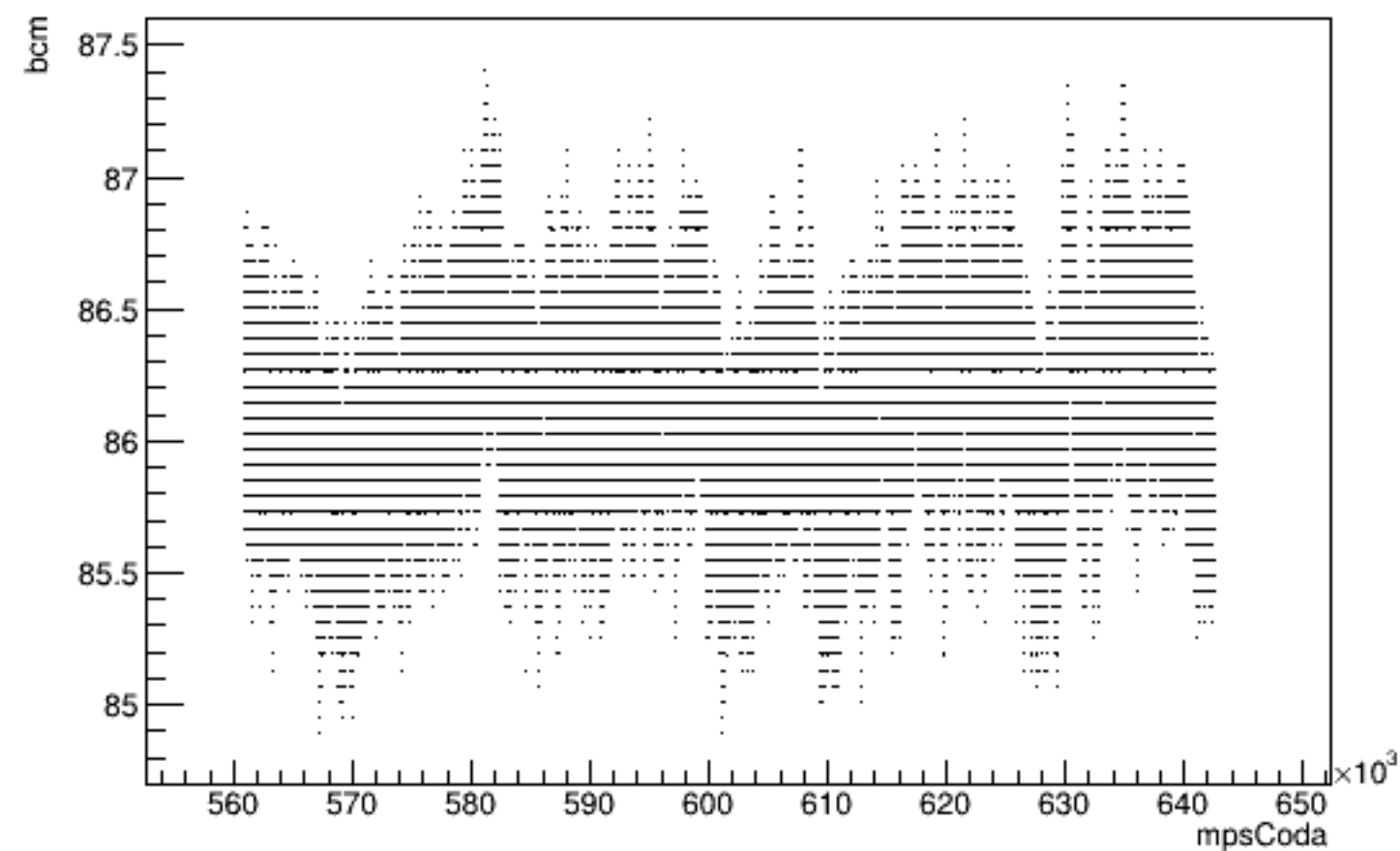
beamState + 1:mpsCoda {mpsCoda>=560847 && mpsCoda<=642486}



cavPowerCalibrated:mpsCoda {mpsCoda>=560847 && mpsCoda<=642486}



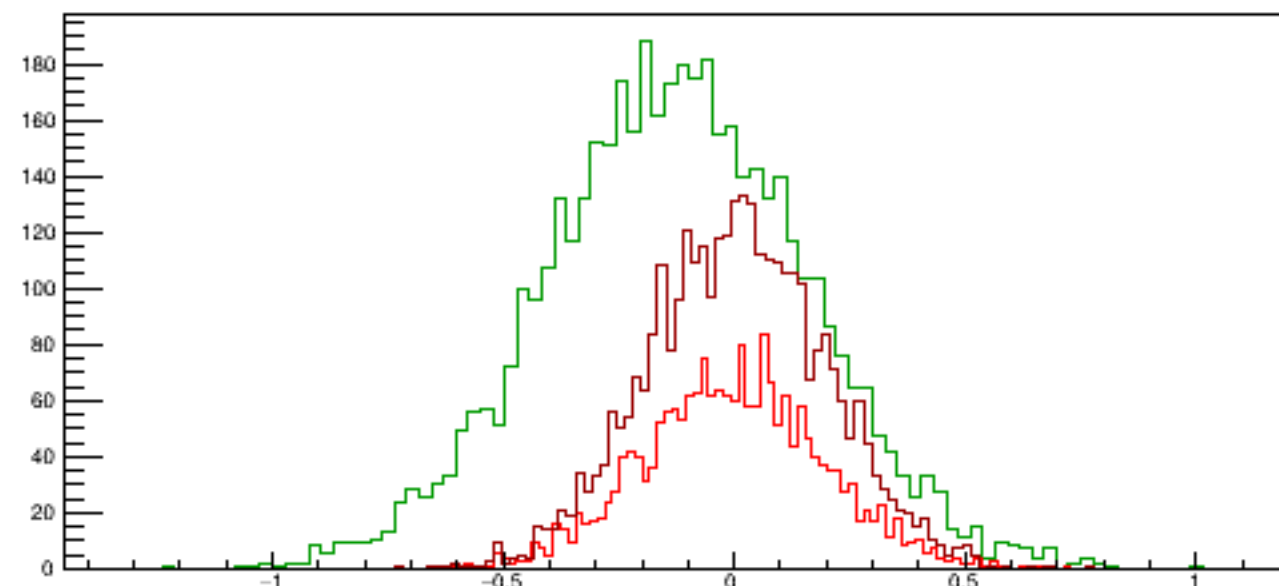
bcm:mpsCoda {mpsCoda>=560847 && mpsCoda<=642486}



Cycle 15, Diffs

Entries: 2047	Entries: 4659	Entries: 3343
Mean: -0.0030 +/- 0.0043	Mean: -0.1264 +/- 0.0042	Mean: 0.0040 +/- 0.0033
Std Dev: 0.1966 +/- 0.0031	Std Dev: 0.2834 +/- 0.0029	Std Dev: 0.1934 +/- 0.0024

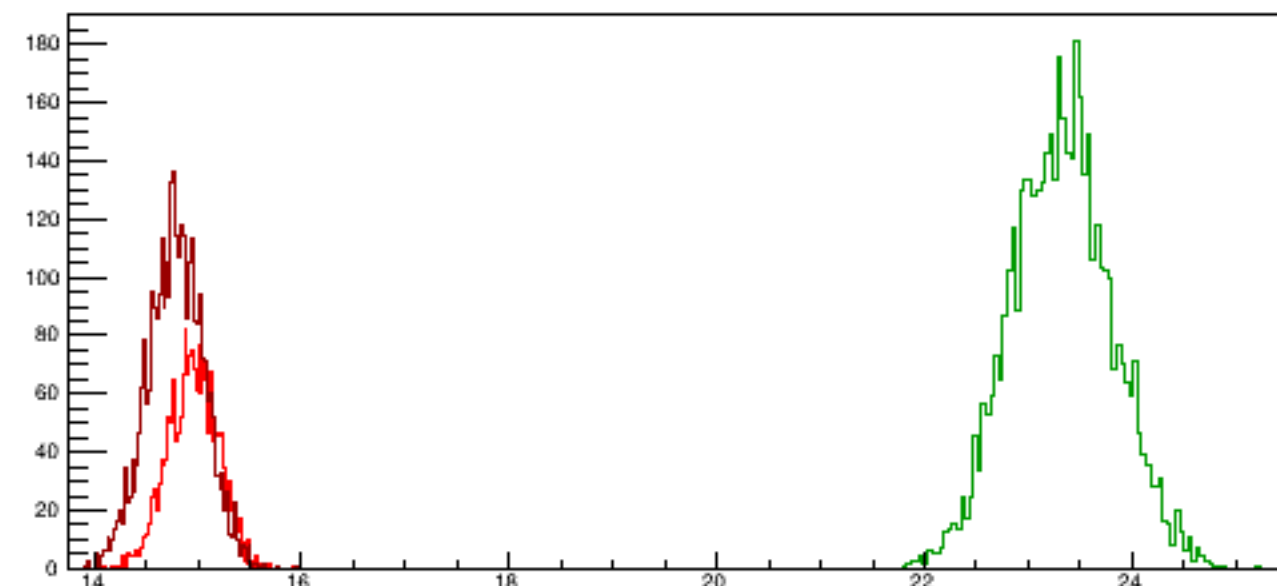
Run 4615 quartetwise, Diffs



Cycle 15, Sums

Entries: 2047	Entries: 4659	Entries: 3343
Mean: 14.9500 +/- 0.0053	Mean: 23.3237 +/- 0.0071	Mean: 14.7912 +/- 0.0047
Std Dev: 0.2417 +/- 0.0038	Std Dev: 0.4843 +/- 0.0050	Std Dev: 0.2723 +/- 0.0033

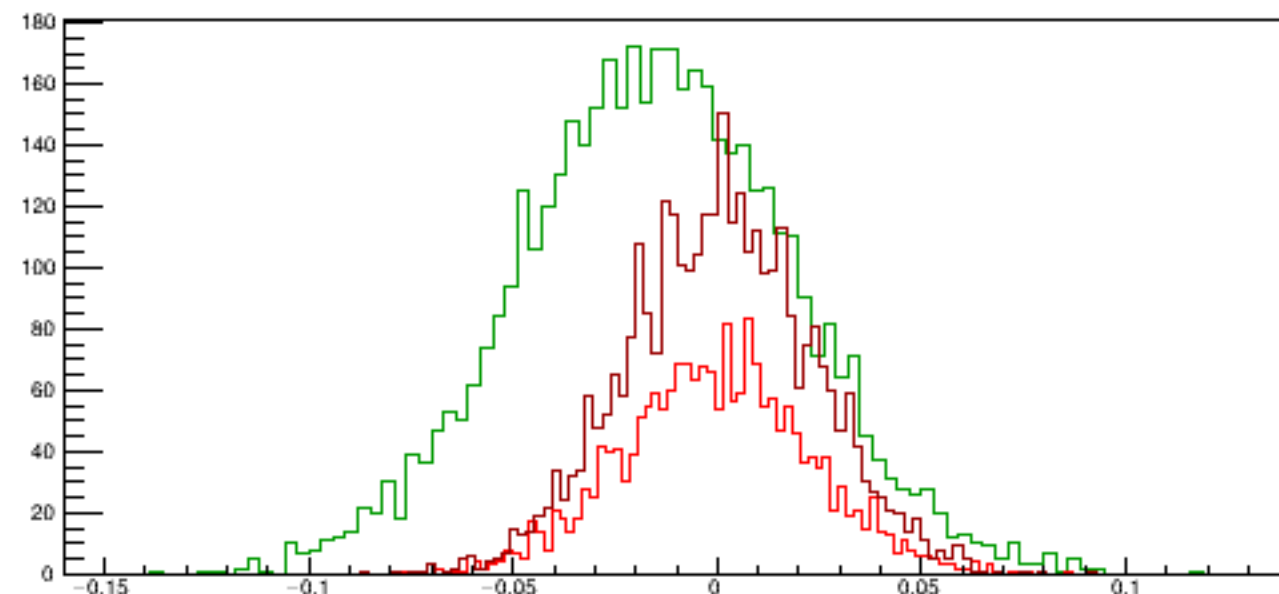
Run 4615 quartetwise, Sums



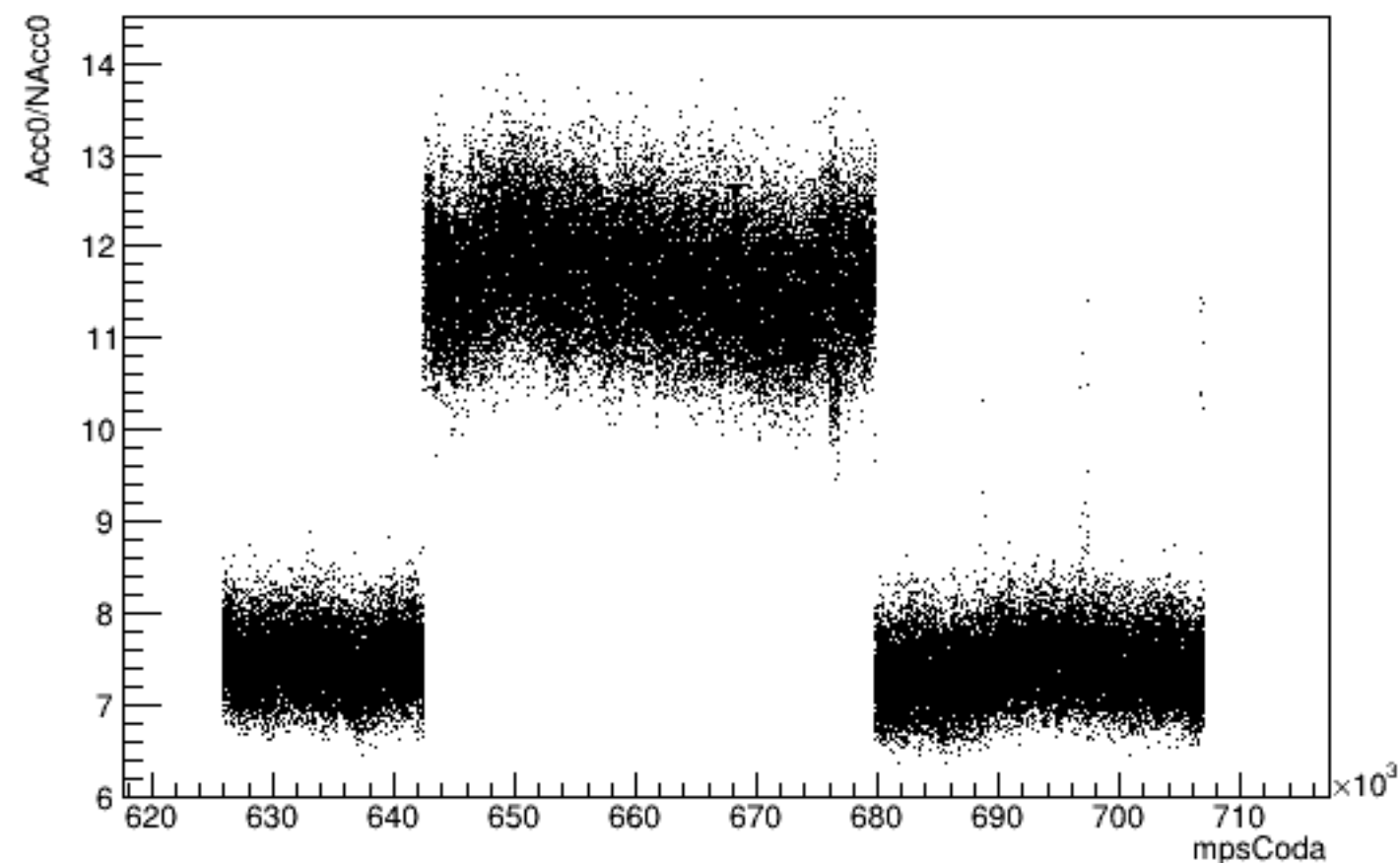
Cycle 15, Asyms

Entries: 2047	Entries: 4659	Entries: 3343
Mean: -0.0004 +/- 0.0005	Mean: -0.0150 +/- 0.0005	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0233 +/- 0.0004	Std Dev: 0.0336 +/- 0.0003	Std Dev: 0.0229 +/- 0.0003

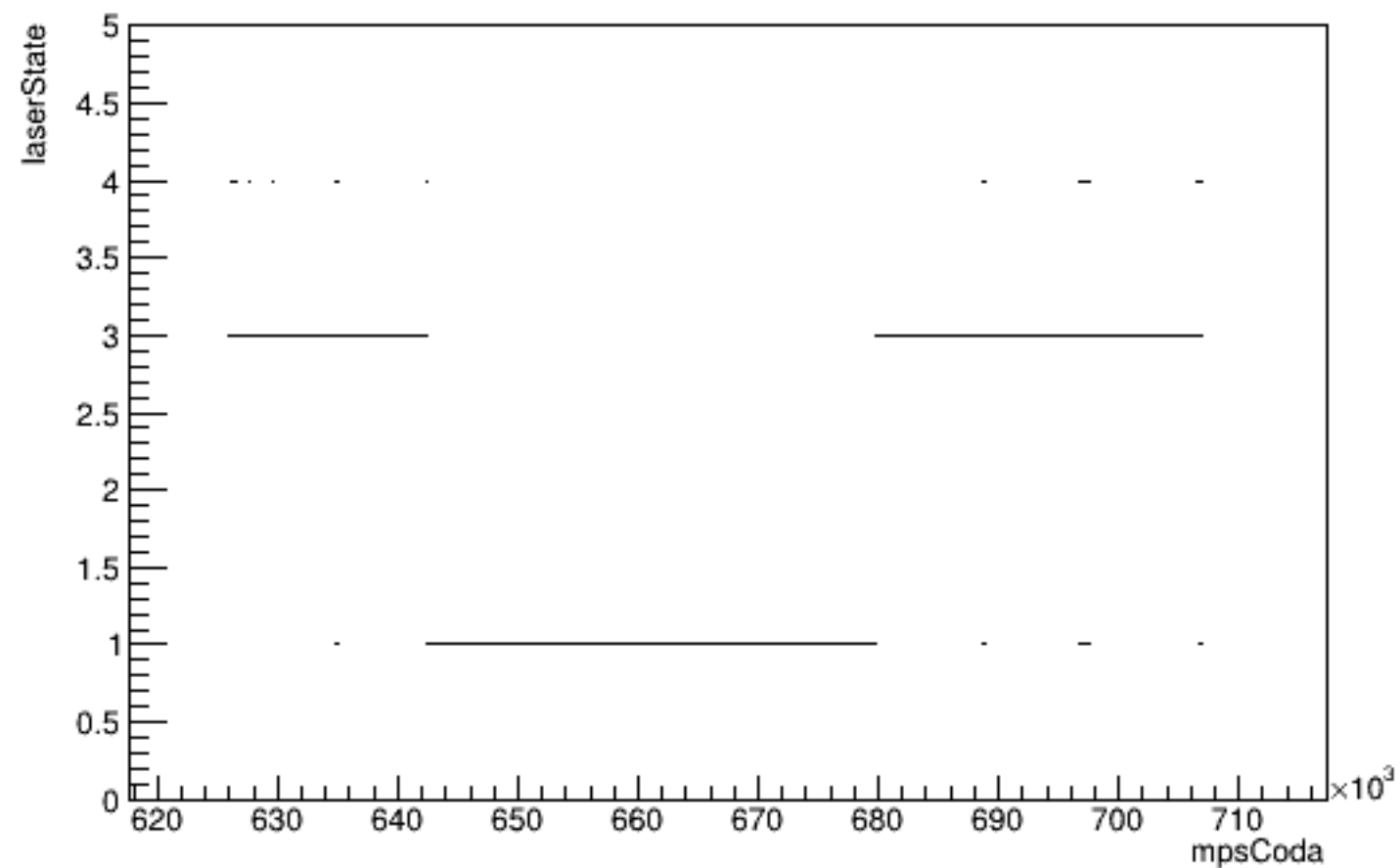
Run 4615 quartetwise, Asyms



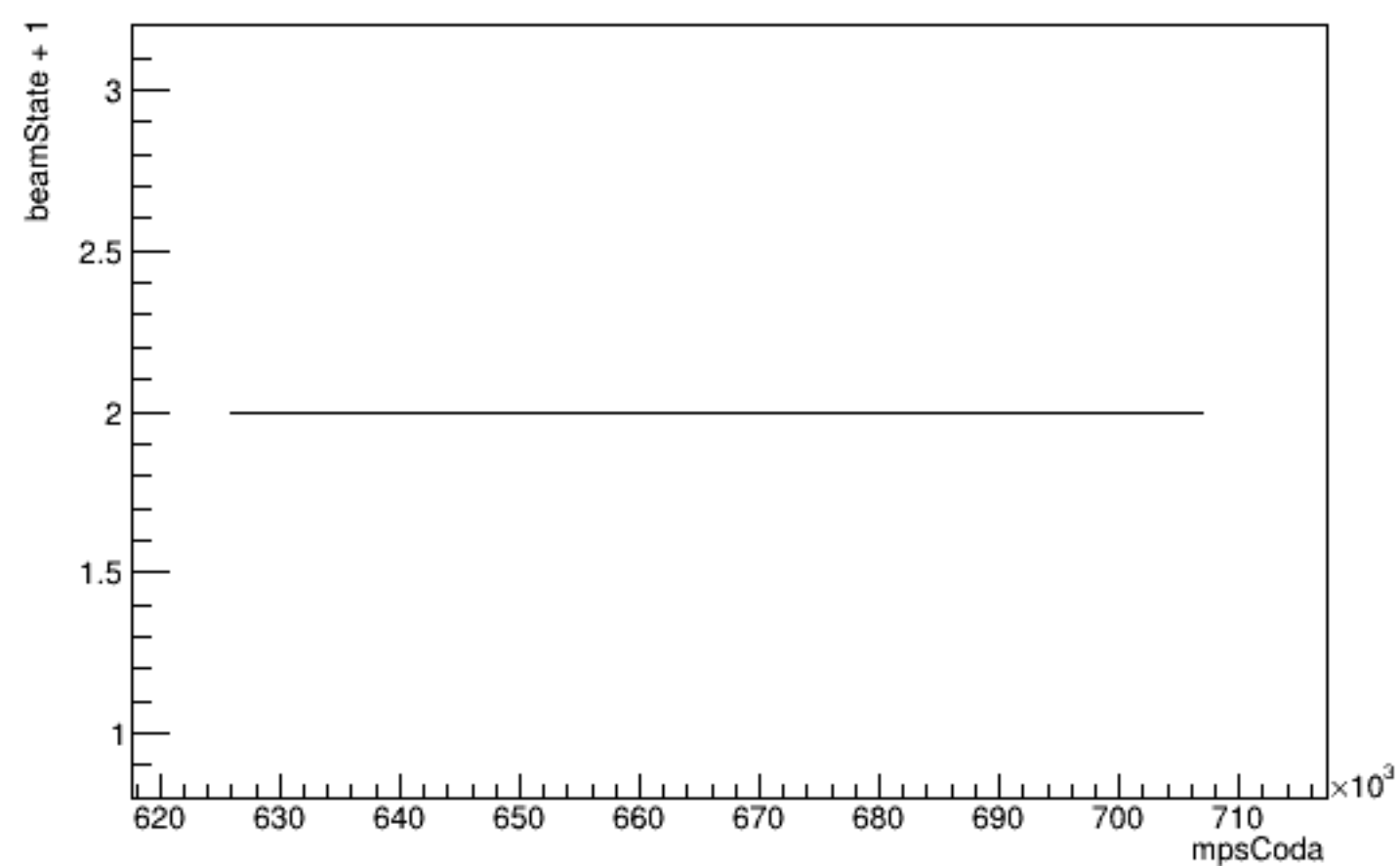
Acc0/NAcc0:mpsCoda (mpsCoda>=625887 && mpsCoda<=706950 && beamState==1)



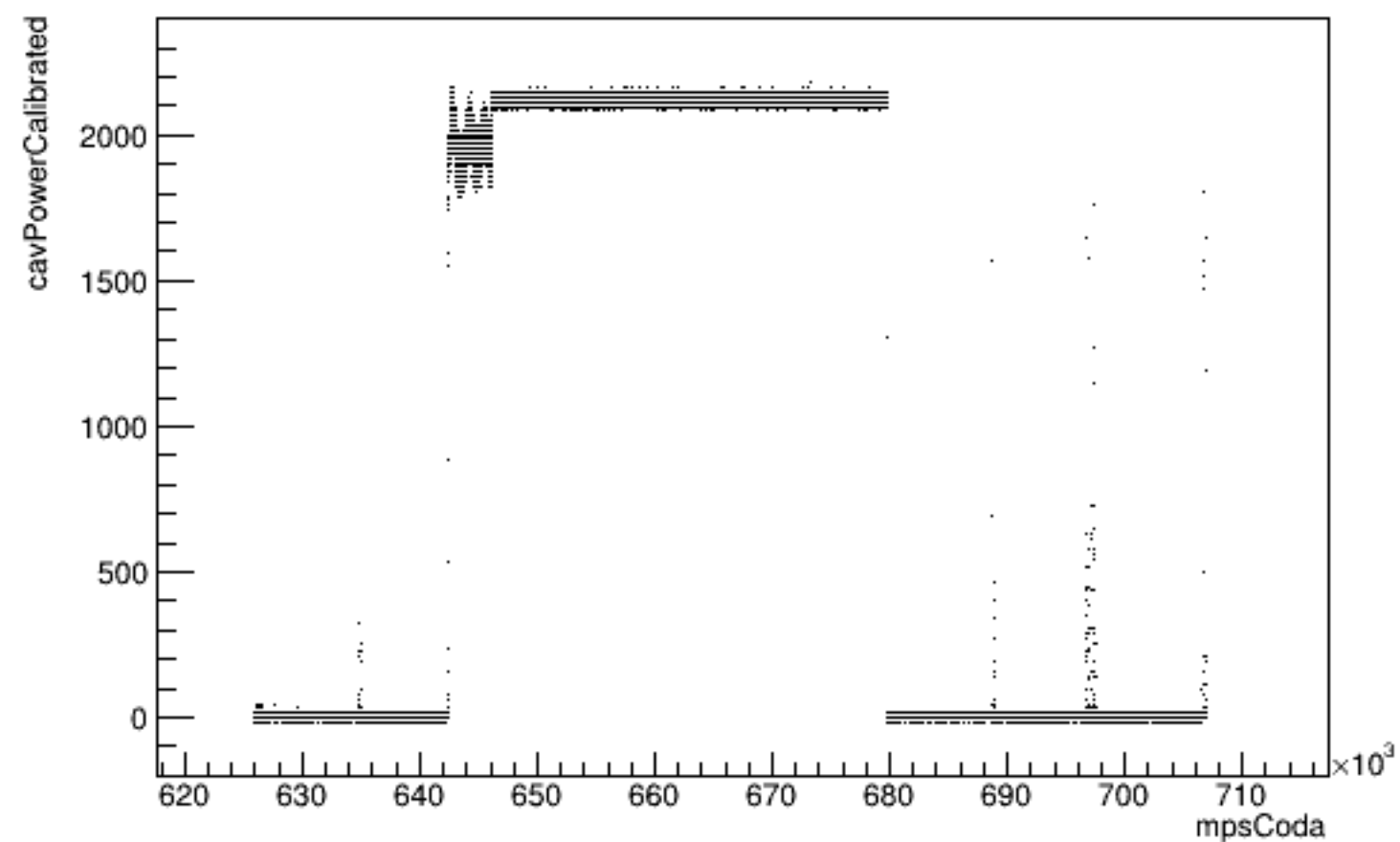
laserState:mpsCoda {mpsCoda>=625887 && mpsCoda<=706950}



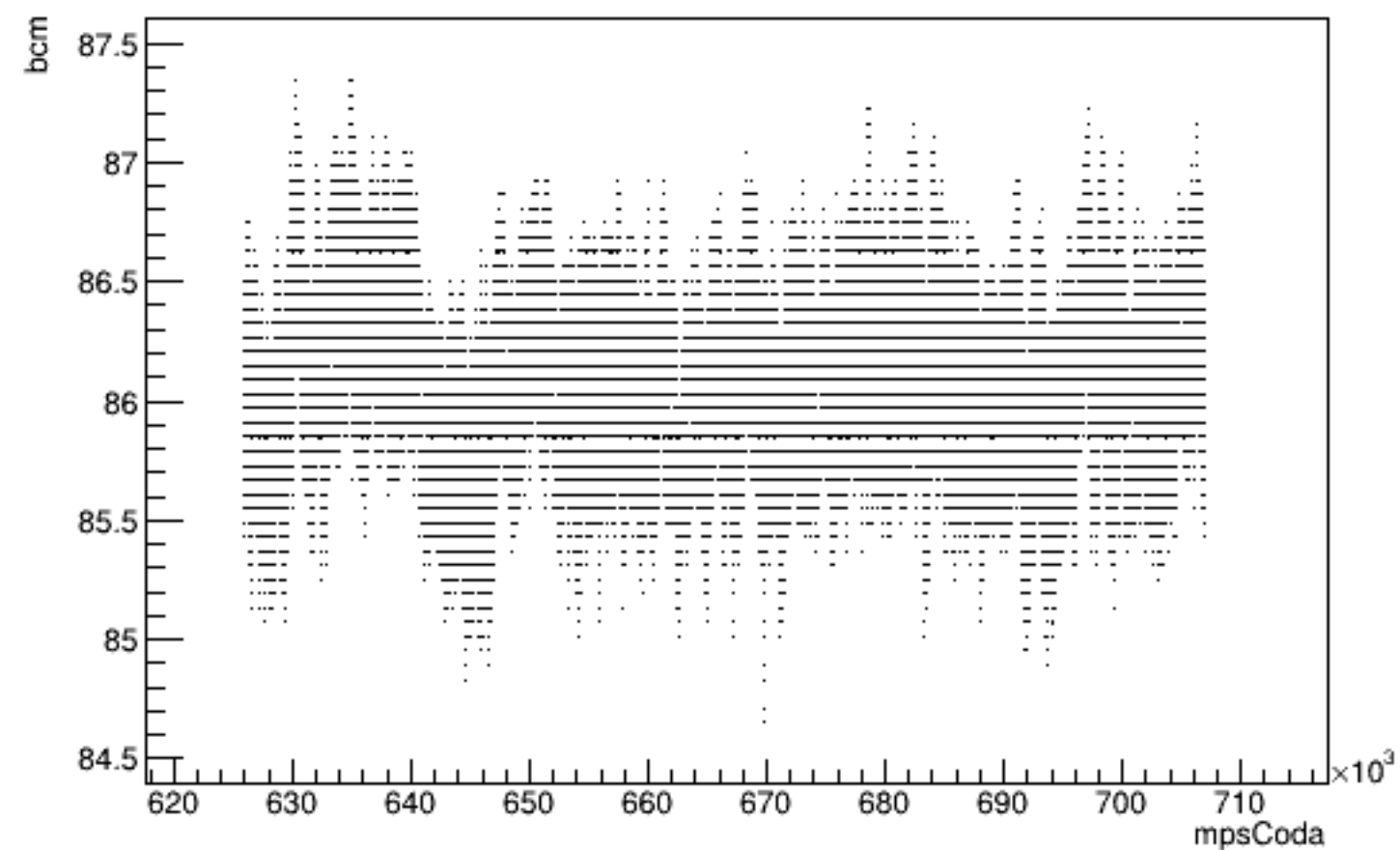
beamState + 1:mpsCoda {mpsCoda>=625887 && mpsCoda<=706950}



cavPowerCalibrated:mpsCoda {mpsCoda>=625887 && mpsCoda<=706950}



bcm:mpsCoda {mpsCoda>=625887 && mpsCoda<=706950}



Cycle 16, Diffs

Entries: 3343

Mean: 0.0040 +/- 0.0033

Std Dev: 0.1934 +/- 0.0024

Entries: 4669

Mean: -0.1293 +/- 0.0042

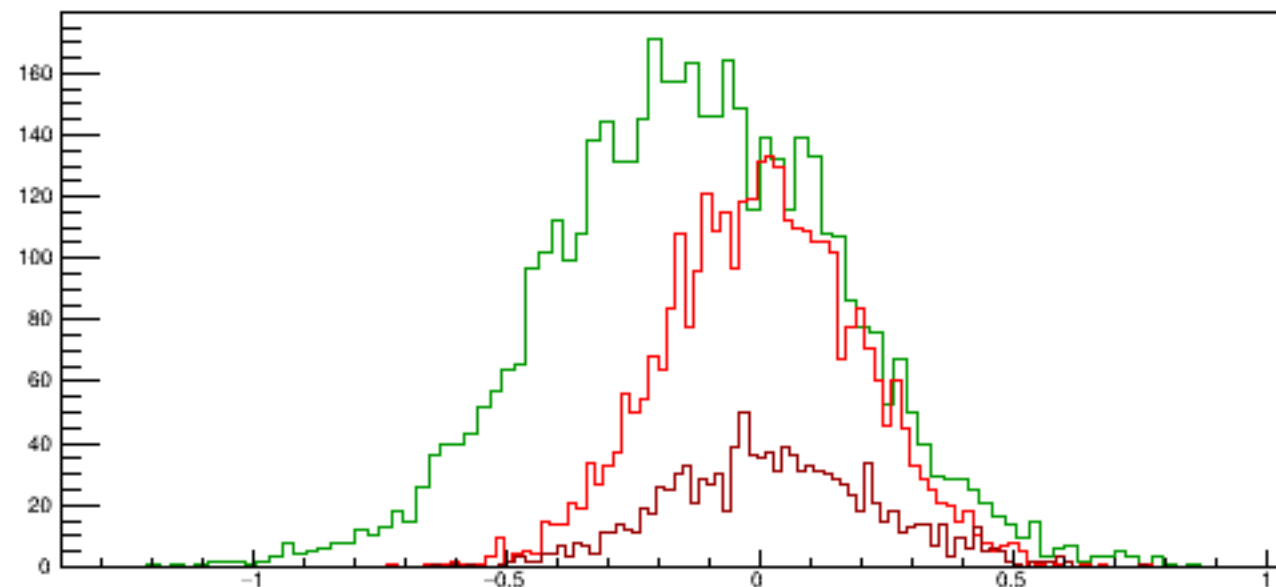
Std Dev: 0.2861 +/- 0.0030

Entries: 1130

Mean: 0.0266 +/- 0.0062

Std Dev: 0.2088 +/- 0.0044

Run 4615 quartetwise, Diffs



Cycle 16, Sums

Entries: 3343

Mean: 14.7912 +/- 0.0047

Std Dev: 0.2723 +/- 0.0033

Entries: 4669

Mean: 23.5218 +/- 0.0070

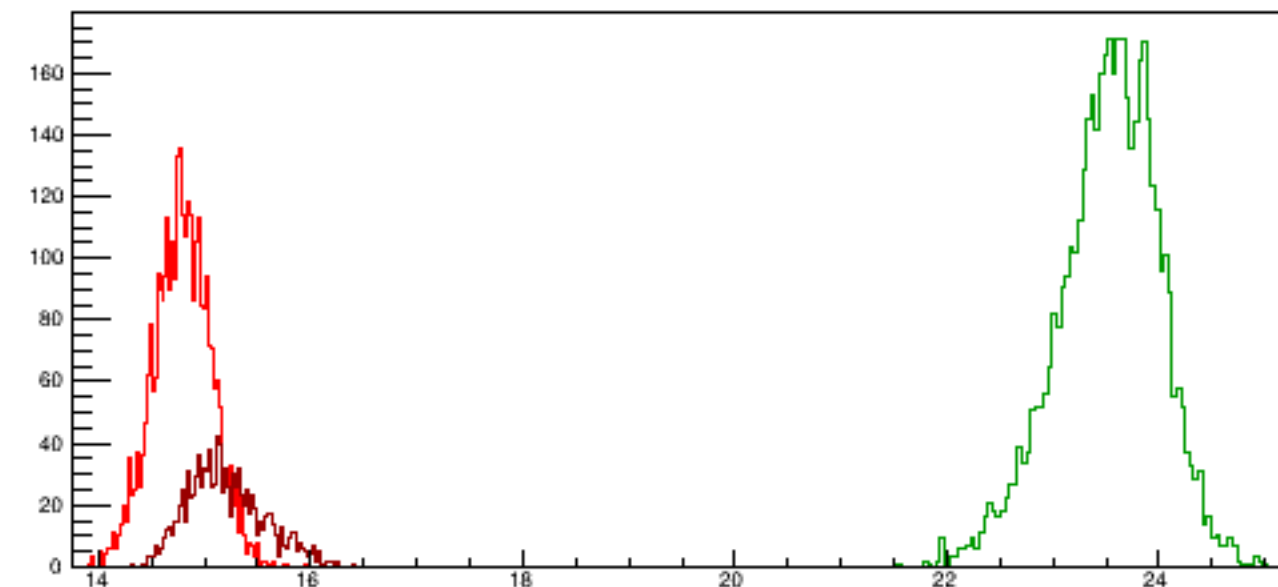
Std Dev: 0.4768 +/- 0.0049

Entries: 1130

Mean: 15.2037 +/- 0.0107

Std Dev: 0.3581 +/- 0.0075

Run 4615 quartetwise, Sums



Cycle 16, Asyms

Entries: 3343

Mean: 0.0005 +/- 0.0004

Std Dev: 0.0227 +/- 0.0003

Entries: 4669

Mean: -0.0152 +/- 0.0005

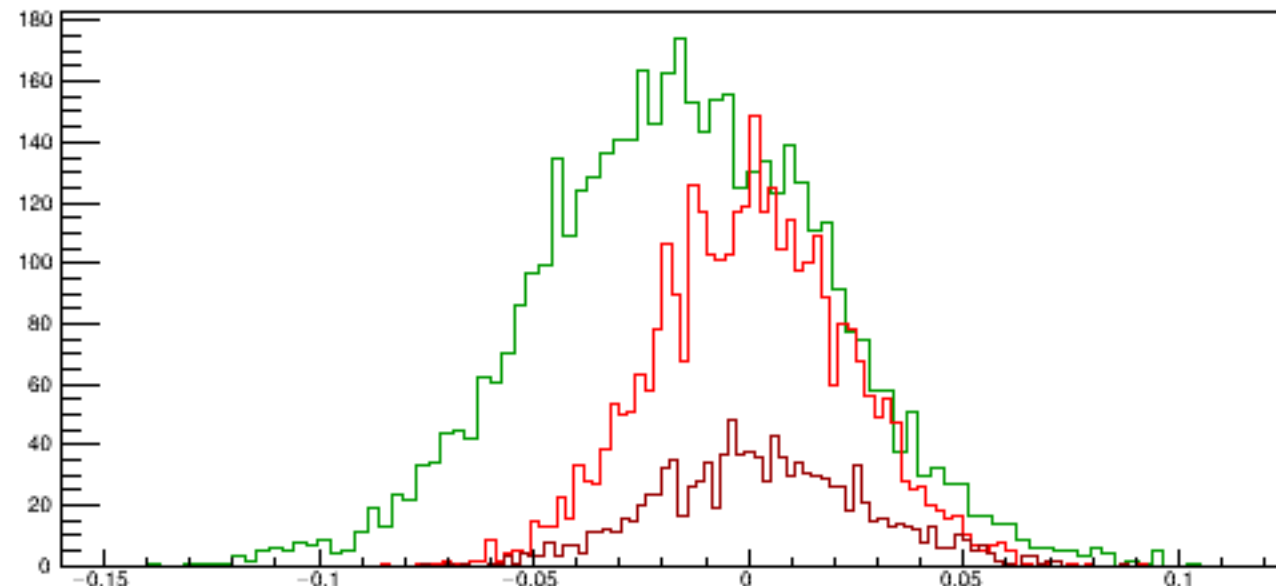
Std Dev: 0.0337 +/- 0.0003

Entries: 1130

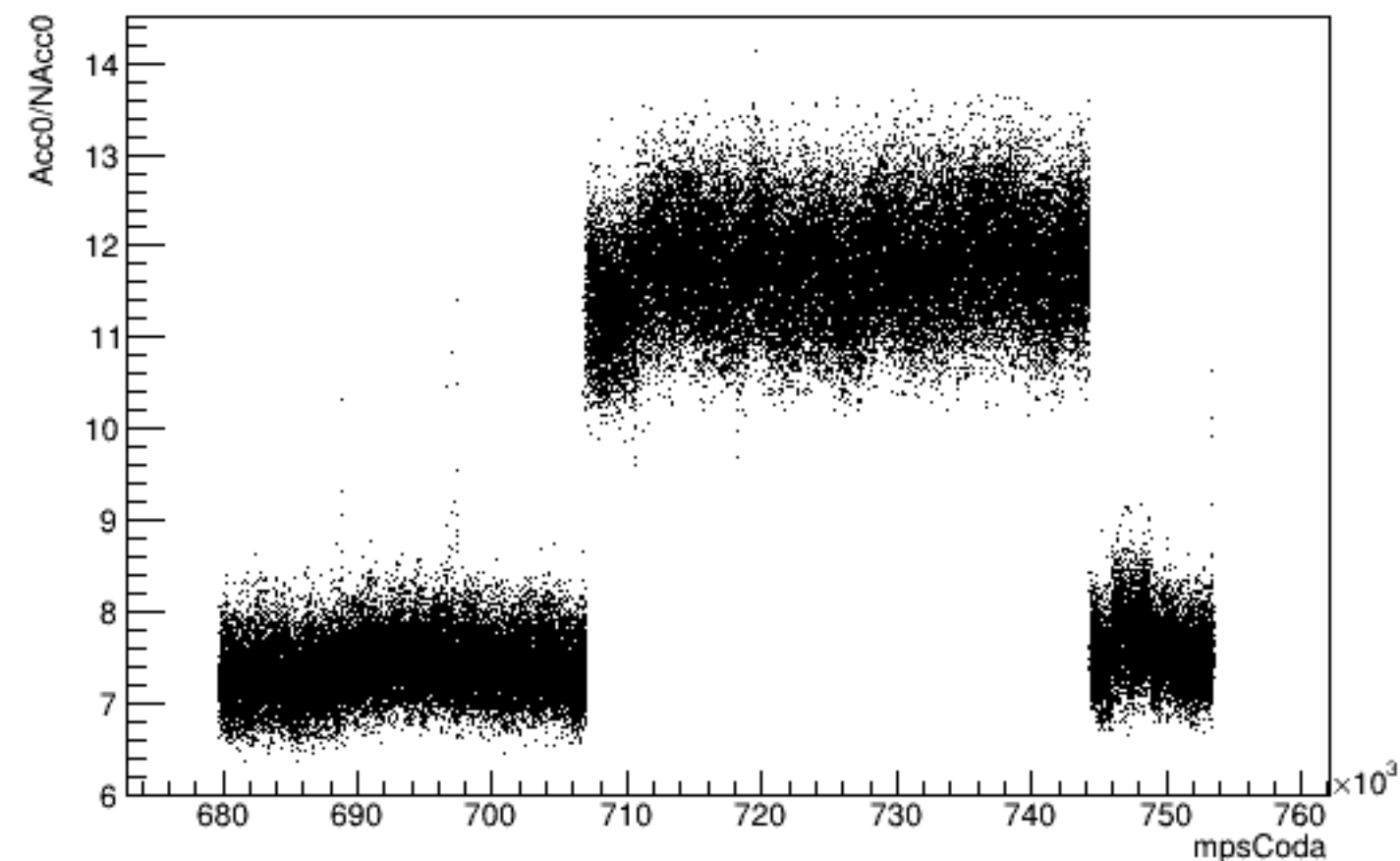
Mean: 0.0031 +/- 0.0007

Std Dev: 0.0245 +/- 0.0005

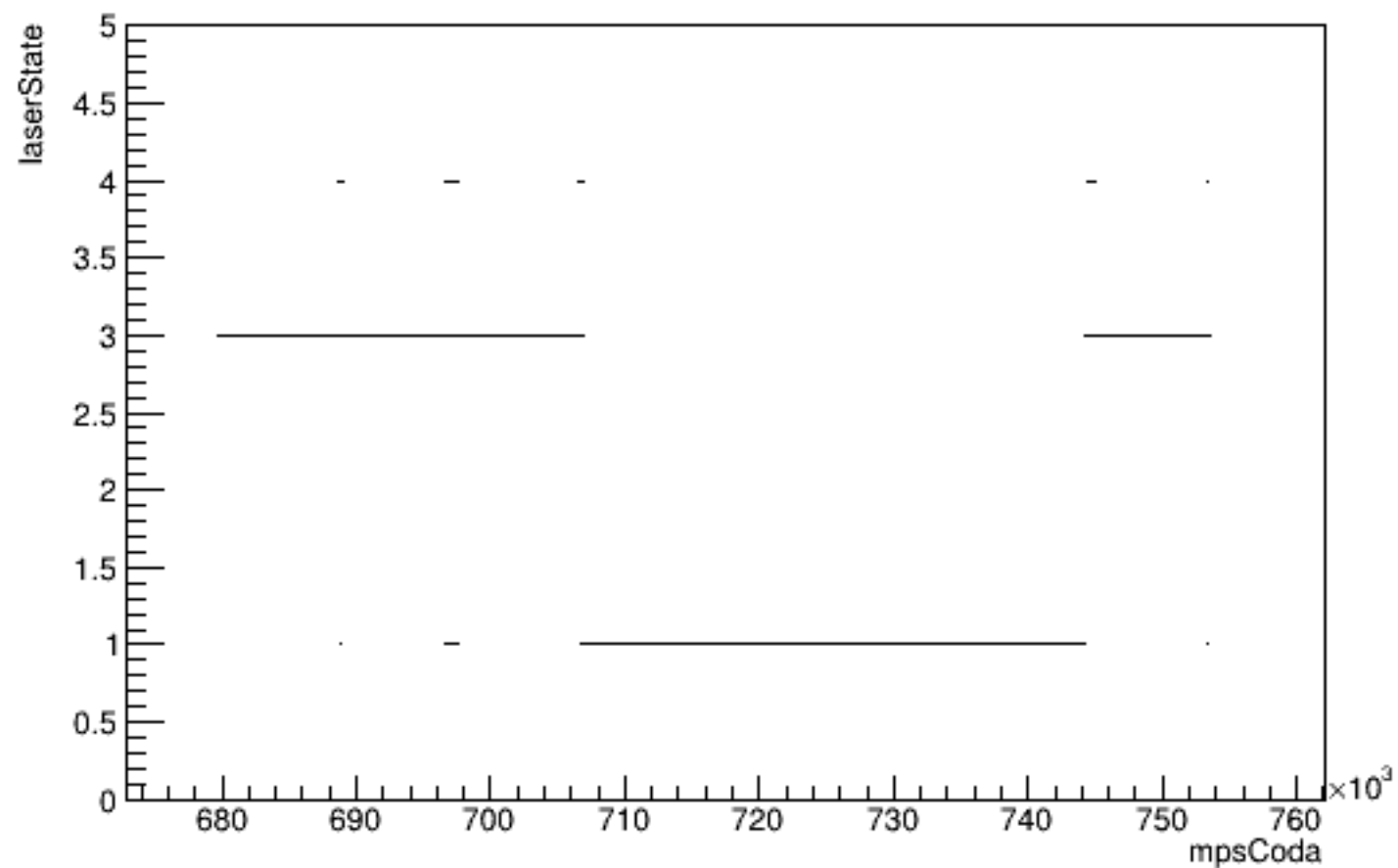
Run 4615 quartetwise, Asyms



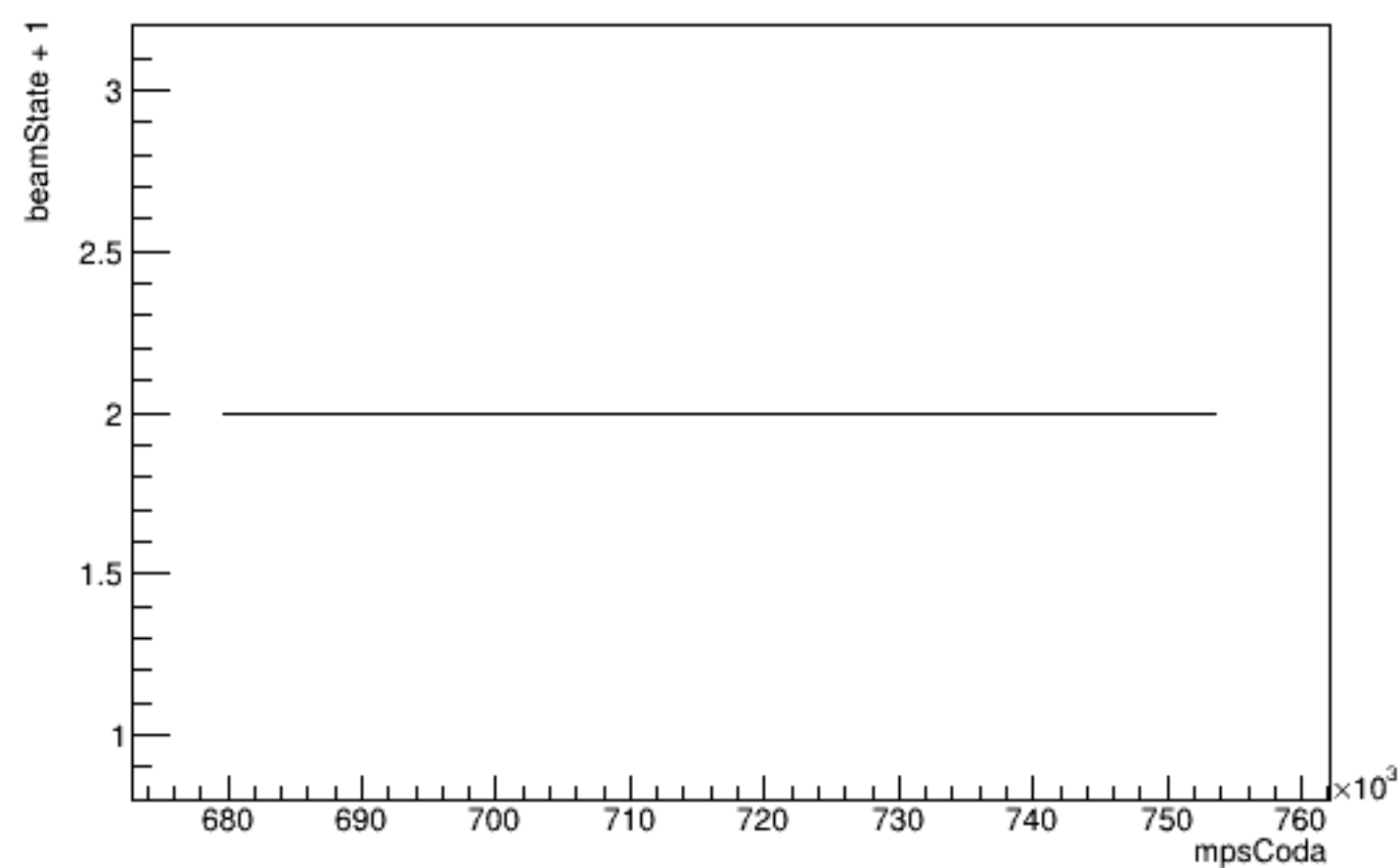
Acc0/NAcc0:mpsCoda (mpsCoda>=679767 && mpsCoda<=753470 && beamState==1)



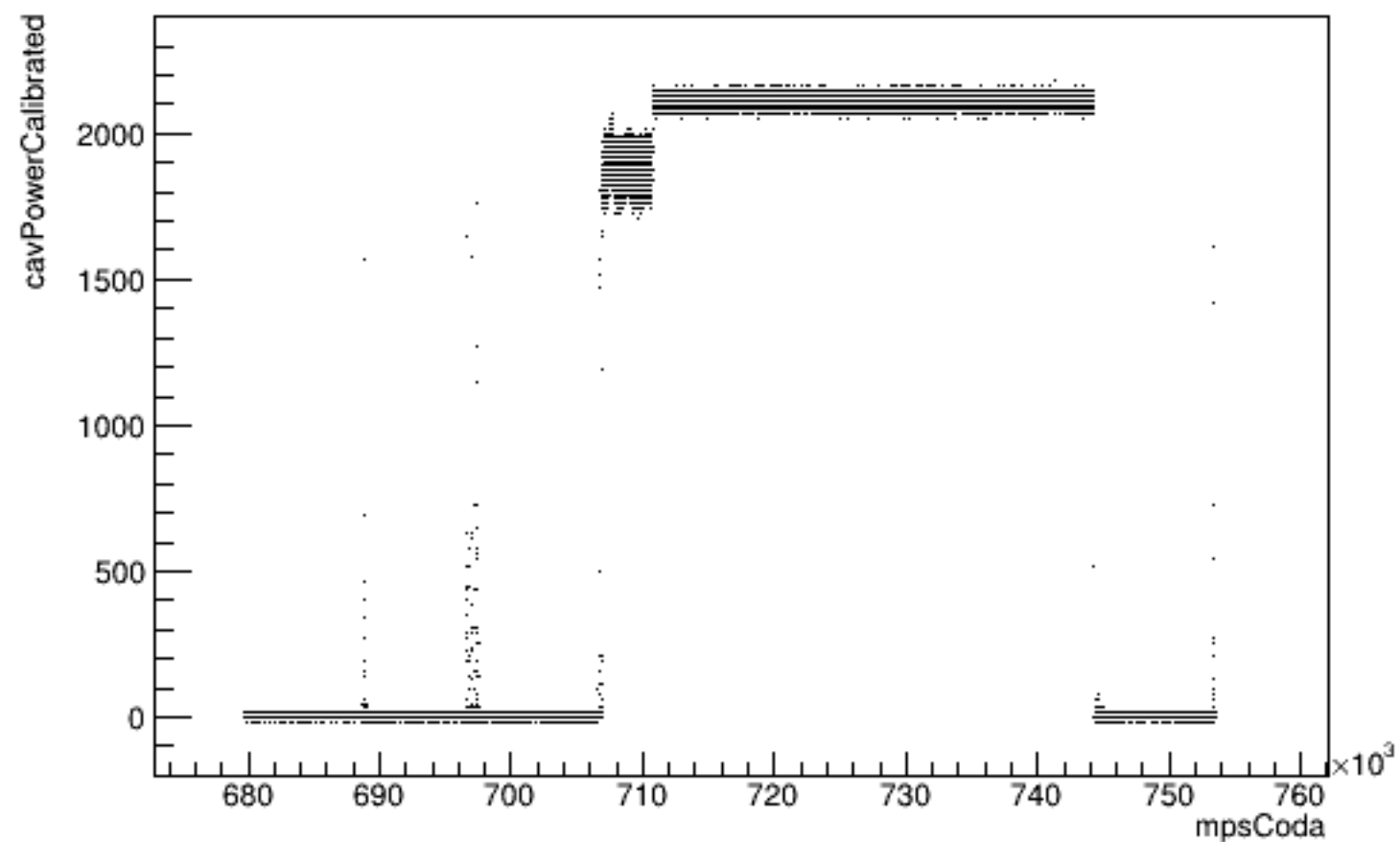
laserState:mpsCoda {mpsCoda>=679767 && mpsCoda<=753470}



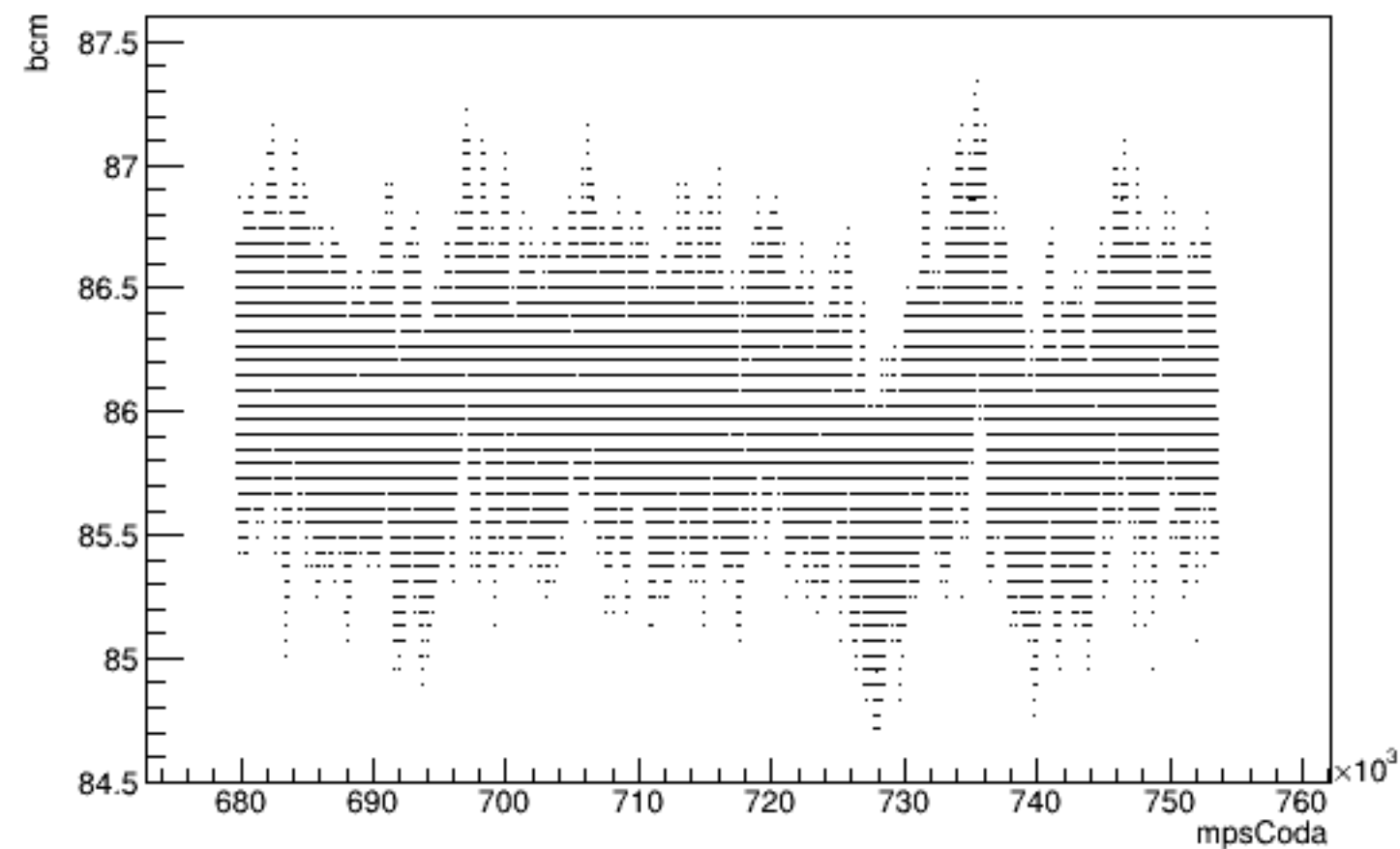
beamState + 1:mpsCoda {mpsCoda>=679767 && mpsCoda<=753470}



cavPowerCalibrated:mpsCoda {mpsCoda>=679767 && mpsCoda<=753470}



bcm:mpsCoda {mpsCoda>=679767 && mpsCoda<=753470}



Cycle 17, Diffs

Entries: 1130

Mean: 0.0266 +/- 0.0062

Std Dev: 0.2088 +/- 0.0044

Entries: 3695

Mean: -0.1280 +/- 0.0048

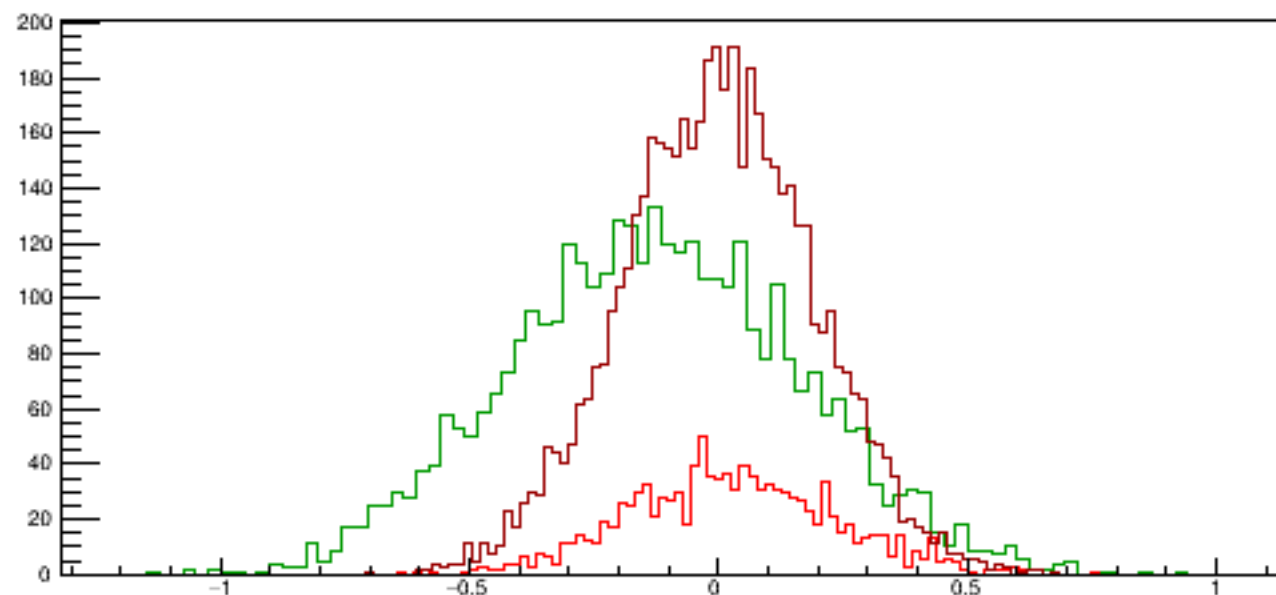
Std Dev: 0.2918 +/- 0.0034

Entries: 5268

Mean: -0.0001 +/- 0.0027

Std Dev: 0.1926 +/- 0.0019

Run 4615 quartetwise, Diffs



Cycle 17, Sums

Entries: 1130

Mean: 15.2037 +/- 0.0107

Std Dev: 0.3581 +/- 0.0075

Entries: 3695

Mean: 23.6376 +/- 0.0084

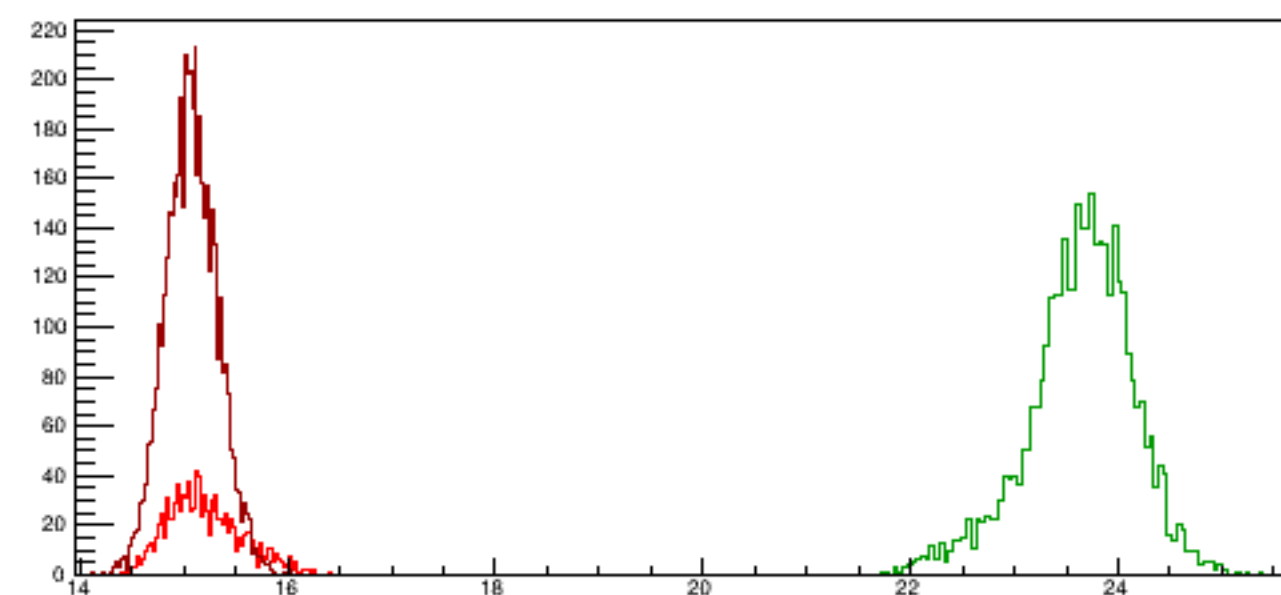
Std Dev: 0.5124 +/- 0.0060

Entries: 5268

Mean: 15.0713 +/- 0.0034

Std Dev: 0.2493 +/- 0.0024

Run 4615 quartetwise, Sums



Cycle 17, Asyms

Entries: 1130

Mean: 0.0031 +/- 0.0007

Std Dev: 0.0246 +/- 0.0005

Entries: 3695

Mean: -0.0150 +/- 0.0006

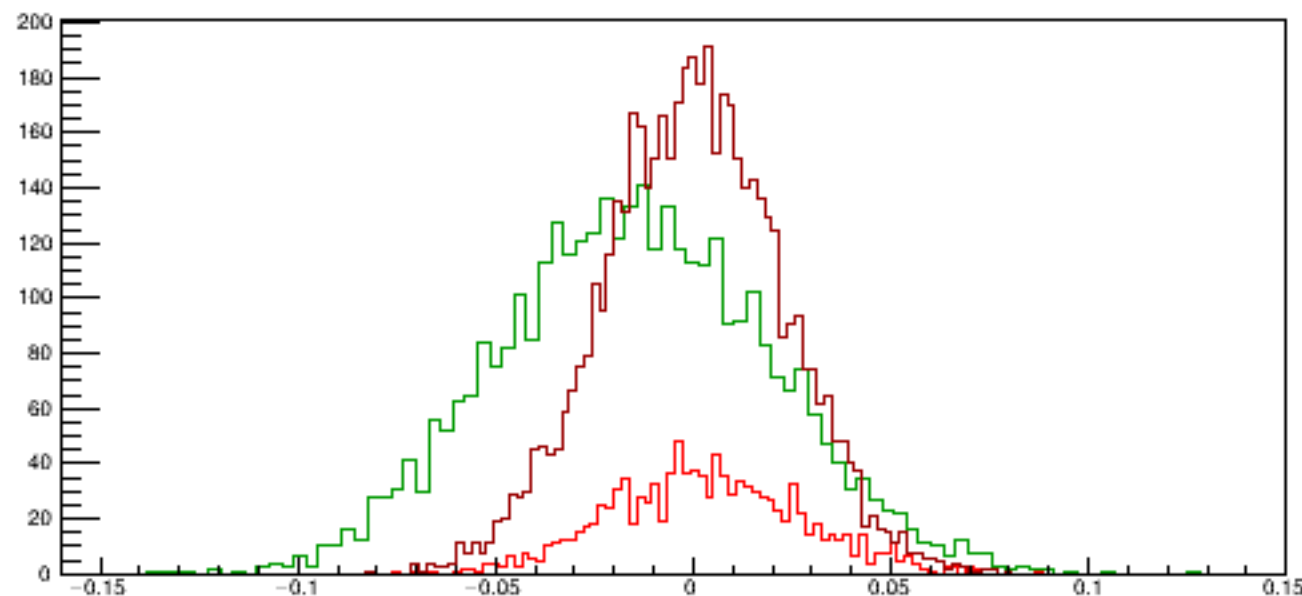
Std Dev: 0.0345 +/- 0.0004

Entries: 5268

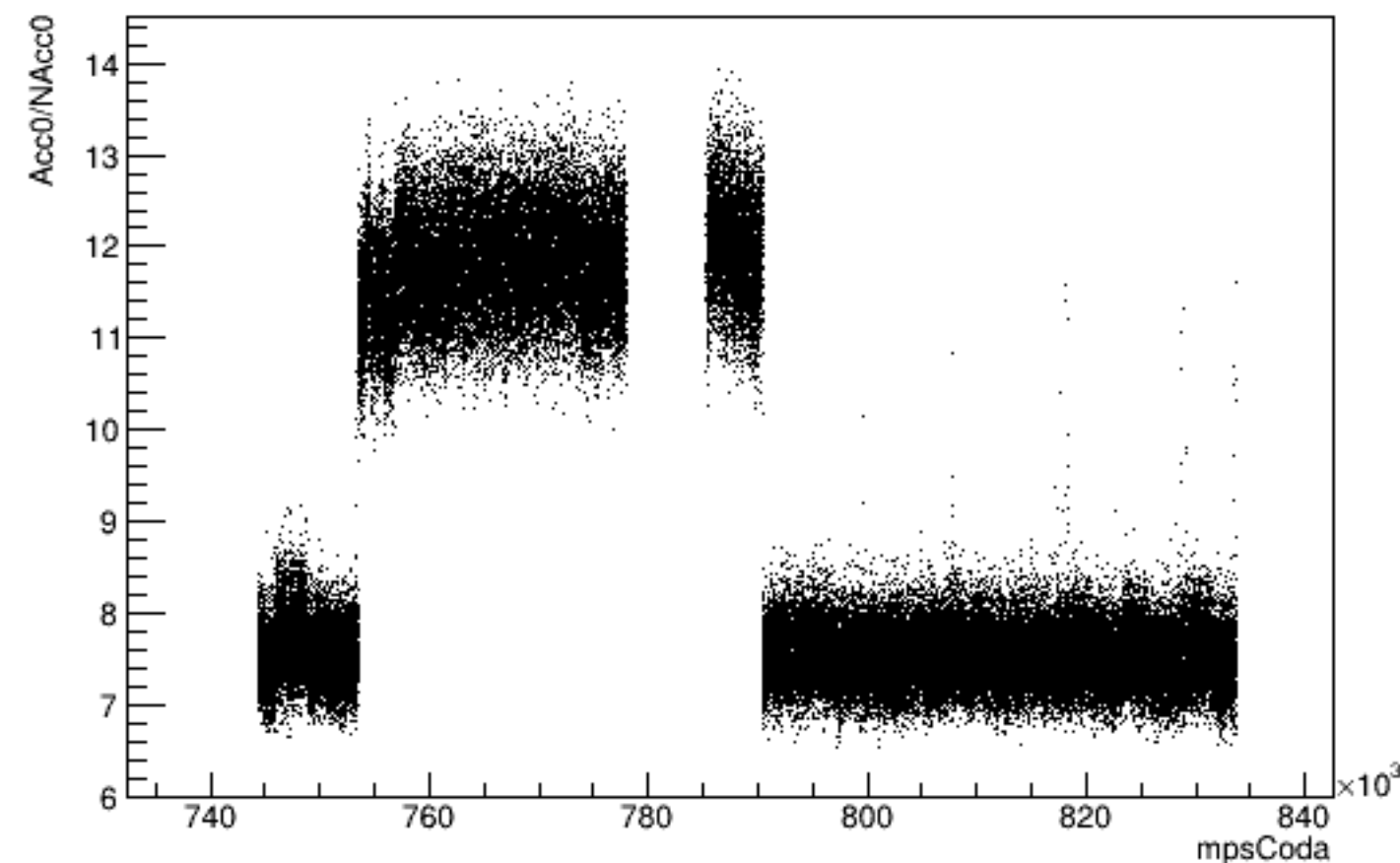
Mean: -0.0000 +/- 0.0003

Std Dev: 0.0227 +/- 0.0002

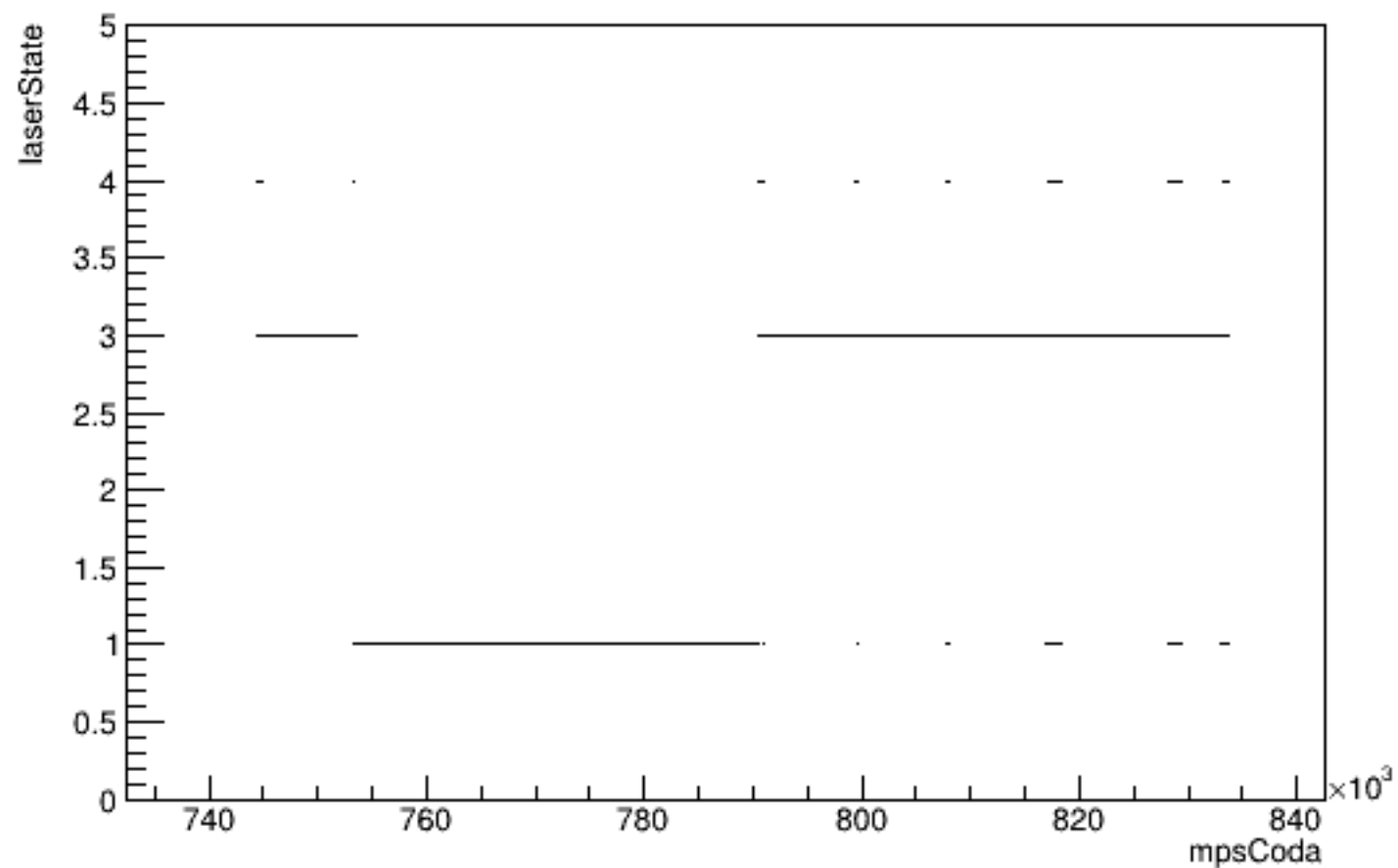
Run 4615 quartetwise, Asyms



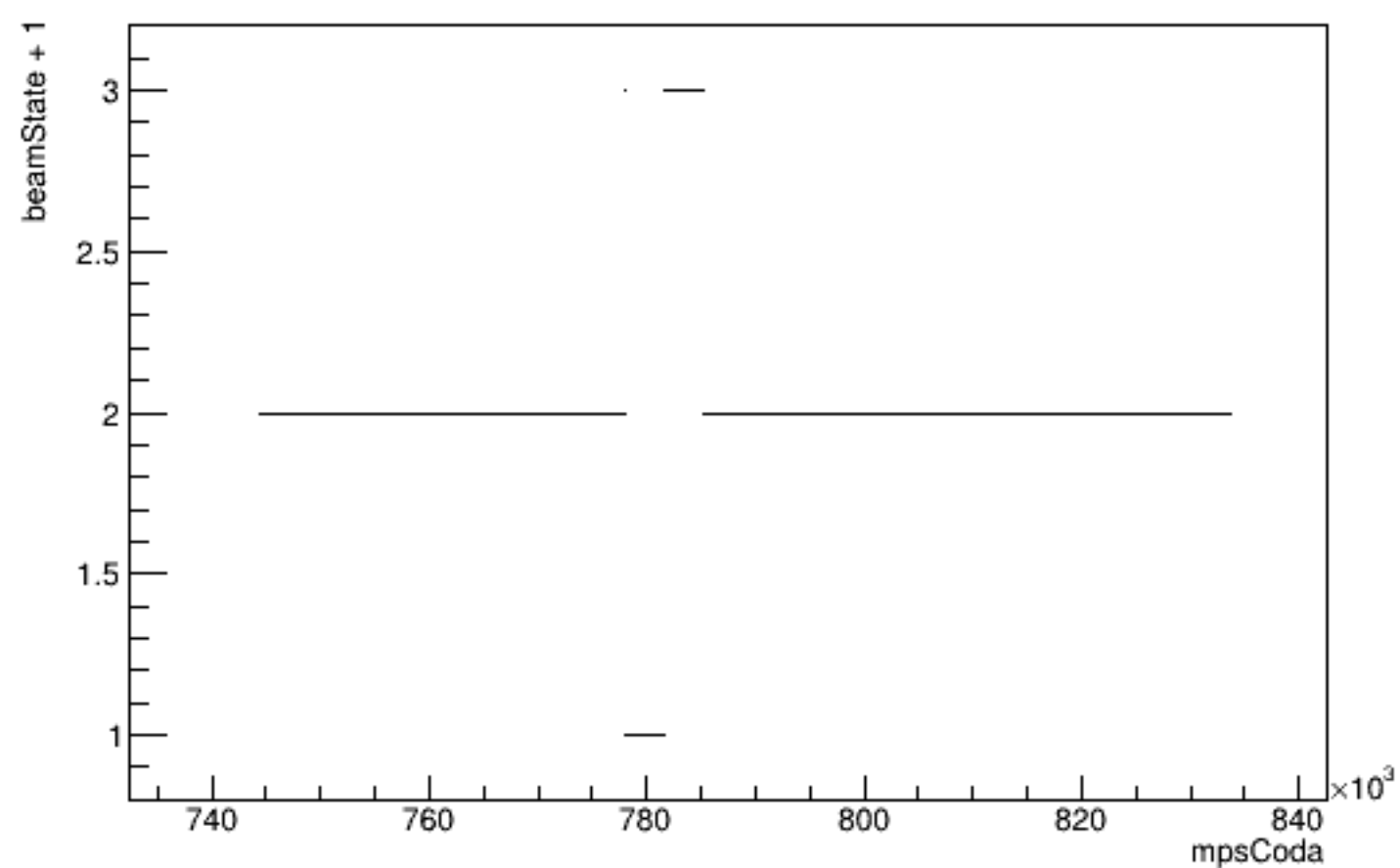
Acc0/NAcc0:mpsCoda (mpsCoda>=744311 && mpsCoda<=833686 && beamState==1)



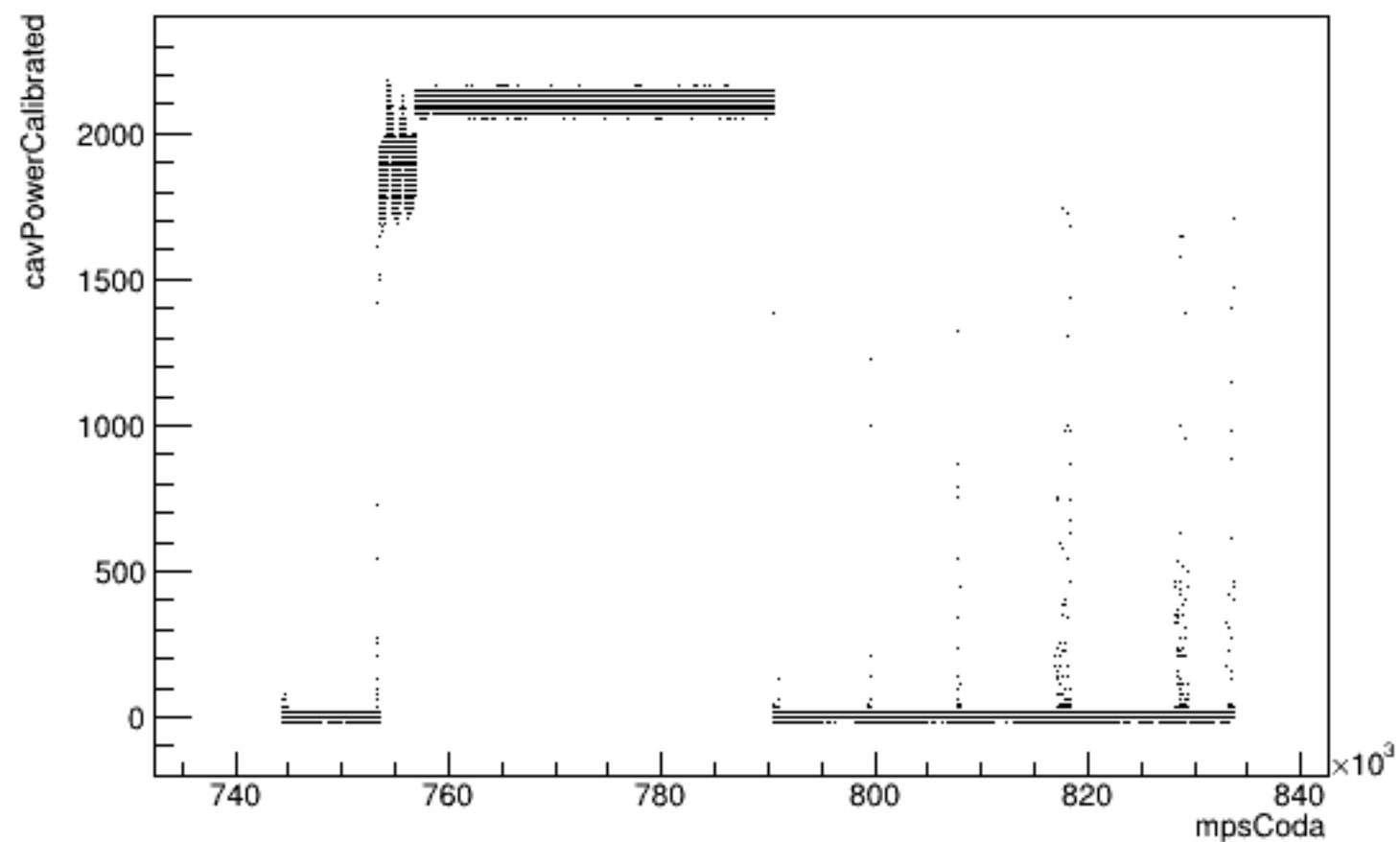
laserState:mpsCoda {mpsCoda>=744311 && mpsCoda<=833686}



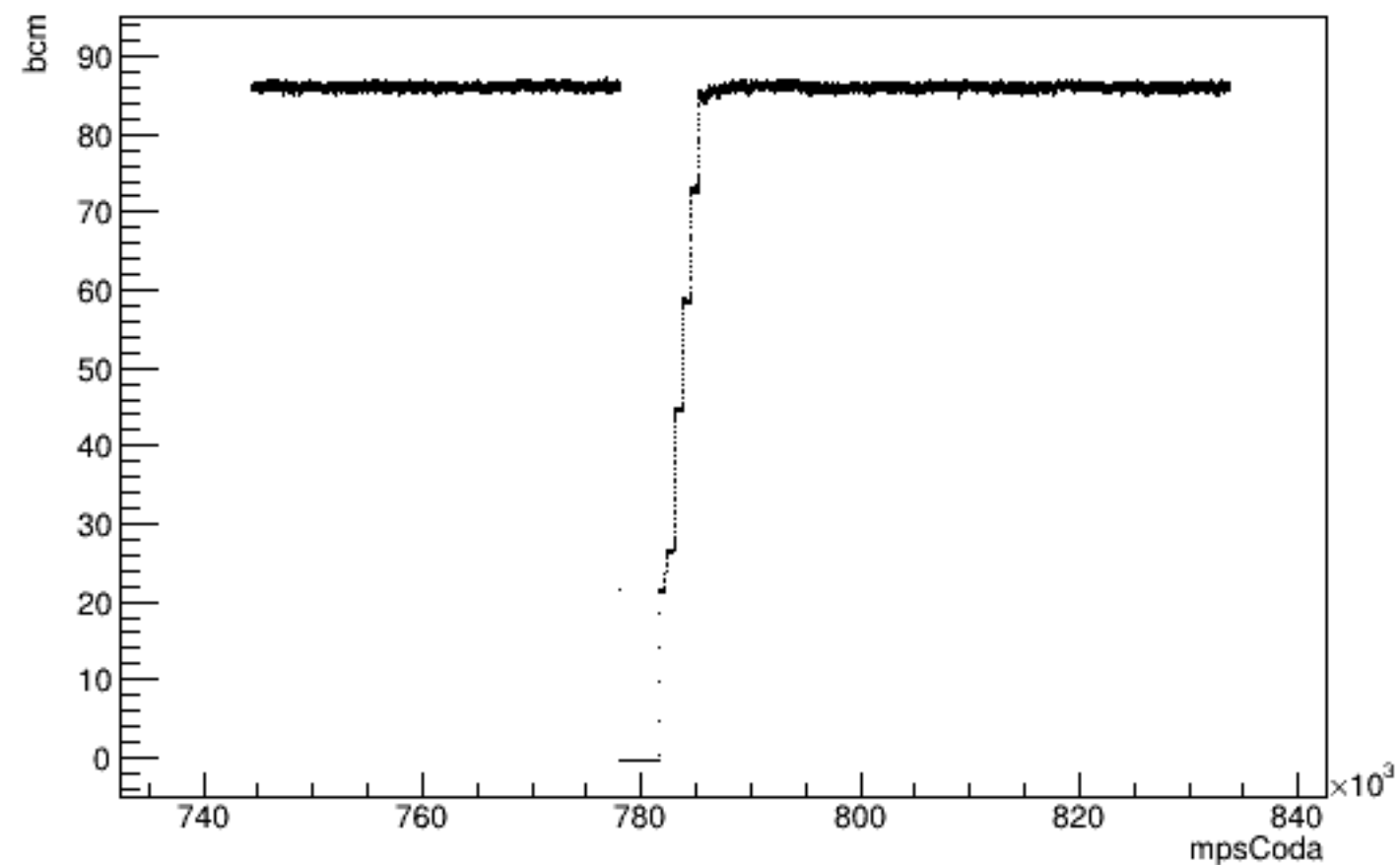
beamState + 1:mpsCoda {mpsCoda>=744311 && mpsCoda<=833686}



cavPowerCalibrated:mpsCoda {mpsCoda>=744311 && mpsCoda<=833686}



bcm:mpsCoda {mpsCoda>=744311 && mpsCoda<=833686}



Cycle 18, Diffs

Entries: 5268

Mean: -0.0001 +/- 0.0027

Std Dev: 0.1926 +/- 0.0019

Entries: 4673

Mean: -0.1244 +/- 0.0042

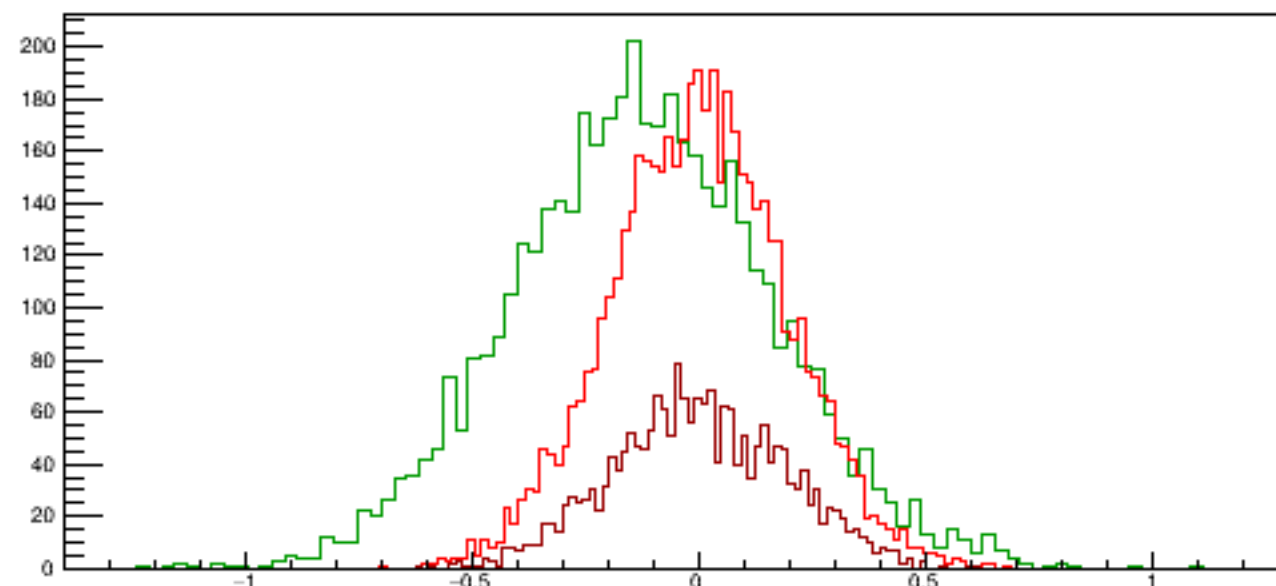
Std Dev: 0.2867 +/- 0.0030

Entries: 2053

Mean: -0.0009 +/- 0.0042

Std Dev: 0.1911 +/- 0.0030

Run 4615 quartetwise, Diffs



Cycle 18, Sums

Entries: 5268

Mean: 15.0713 +/- 0.0034

Std Dev: 0.2493 +/- 0.0024

Entries: 4673

Mean: 23.4390 +/- 0.0073

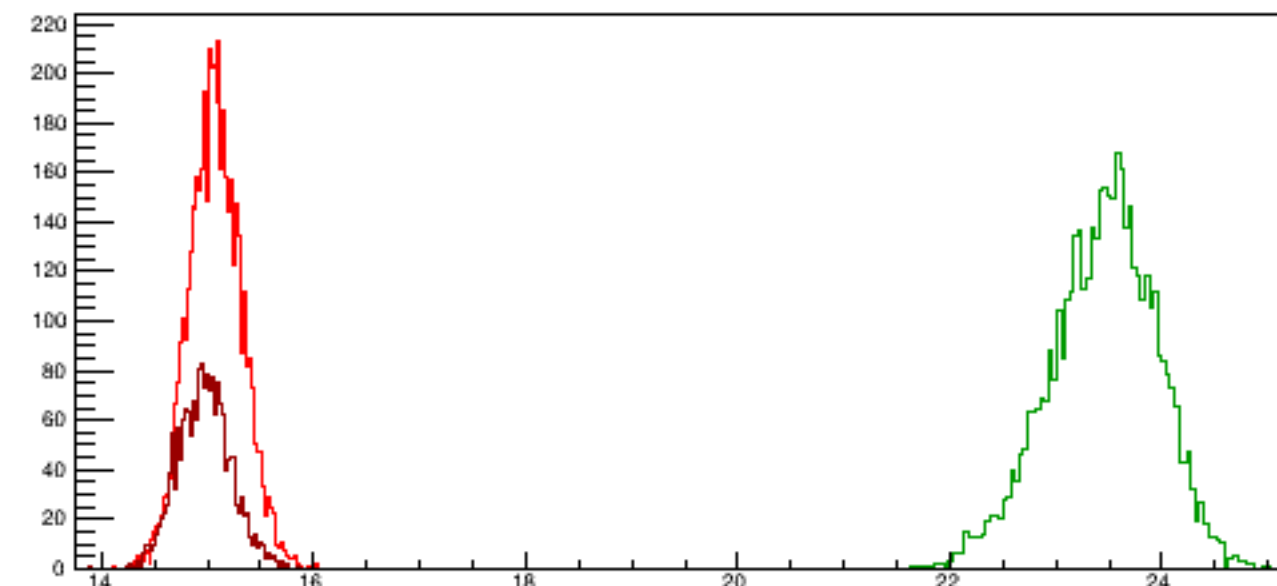
Std Dev: 0.4989 +/- 0.0052

Entries: 2053

Mean: 14.9699 +/- 0.0055

Std Dev: 0.2504 +/- 0.0039

Run 4615 quartetwise, Sums



Cycle 18, Asyms

Entries: 5268

Mean: -0.0000 +/- 0.0003

Std Dev: 0.0229 +/- 0.0002

Entries: 4673

Mean: -0.0147 +/- 0.0005

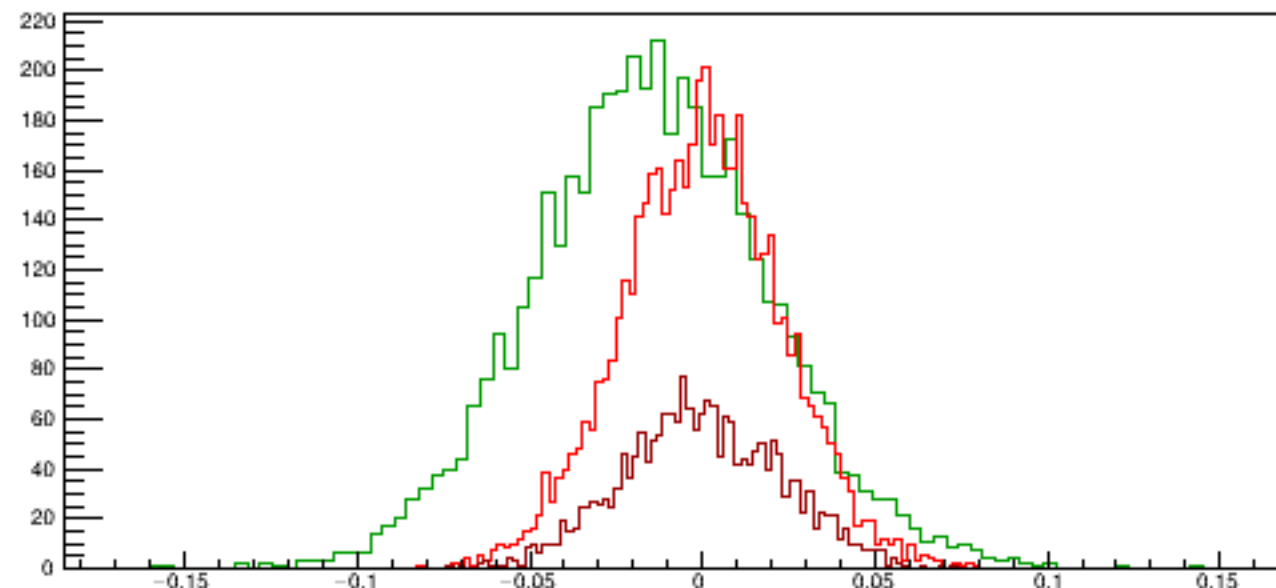
Std Dev: 0.0343 +/- 0.0004

Entries: 2053

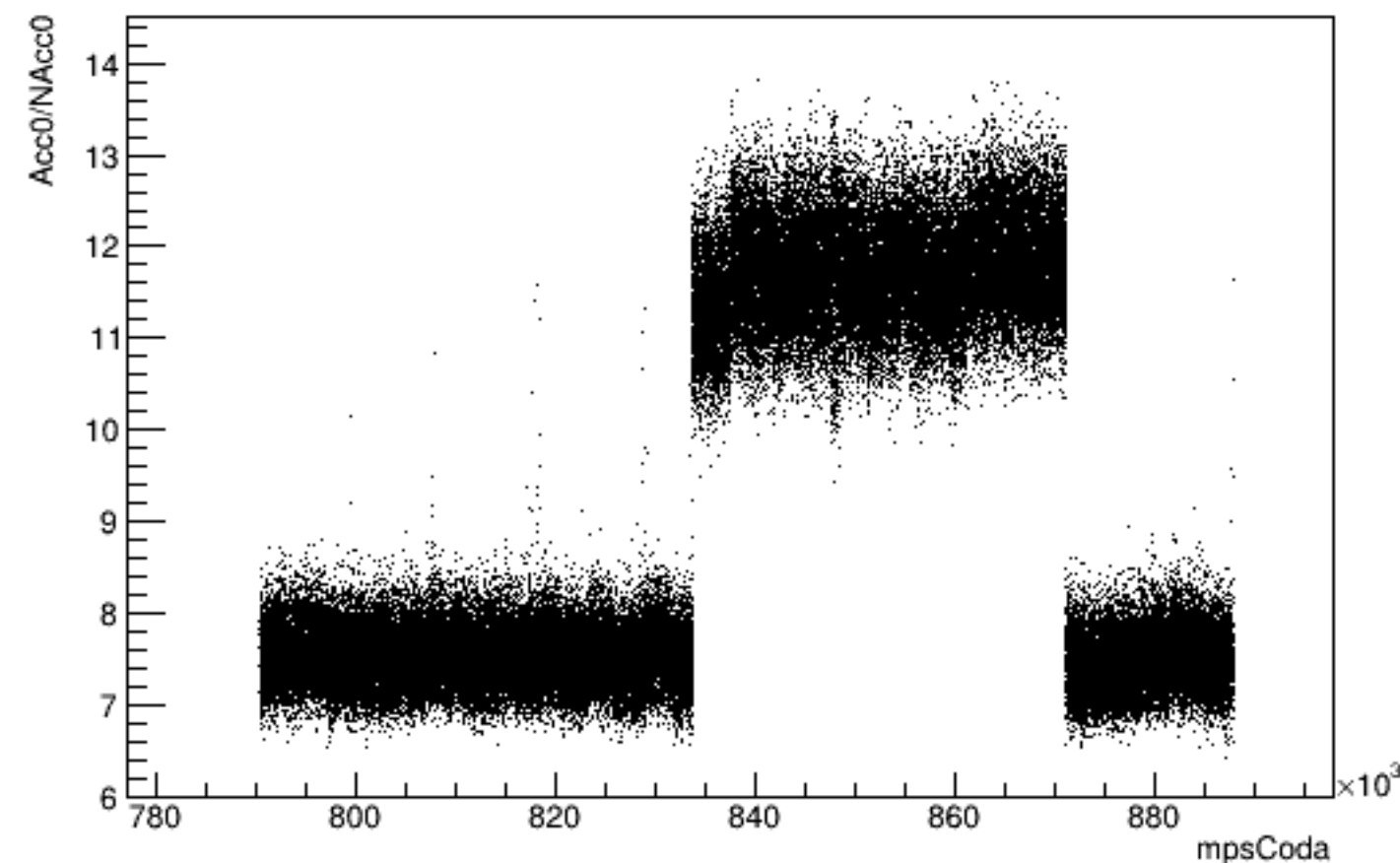
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0227 +/- 0.0004

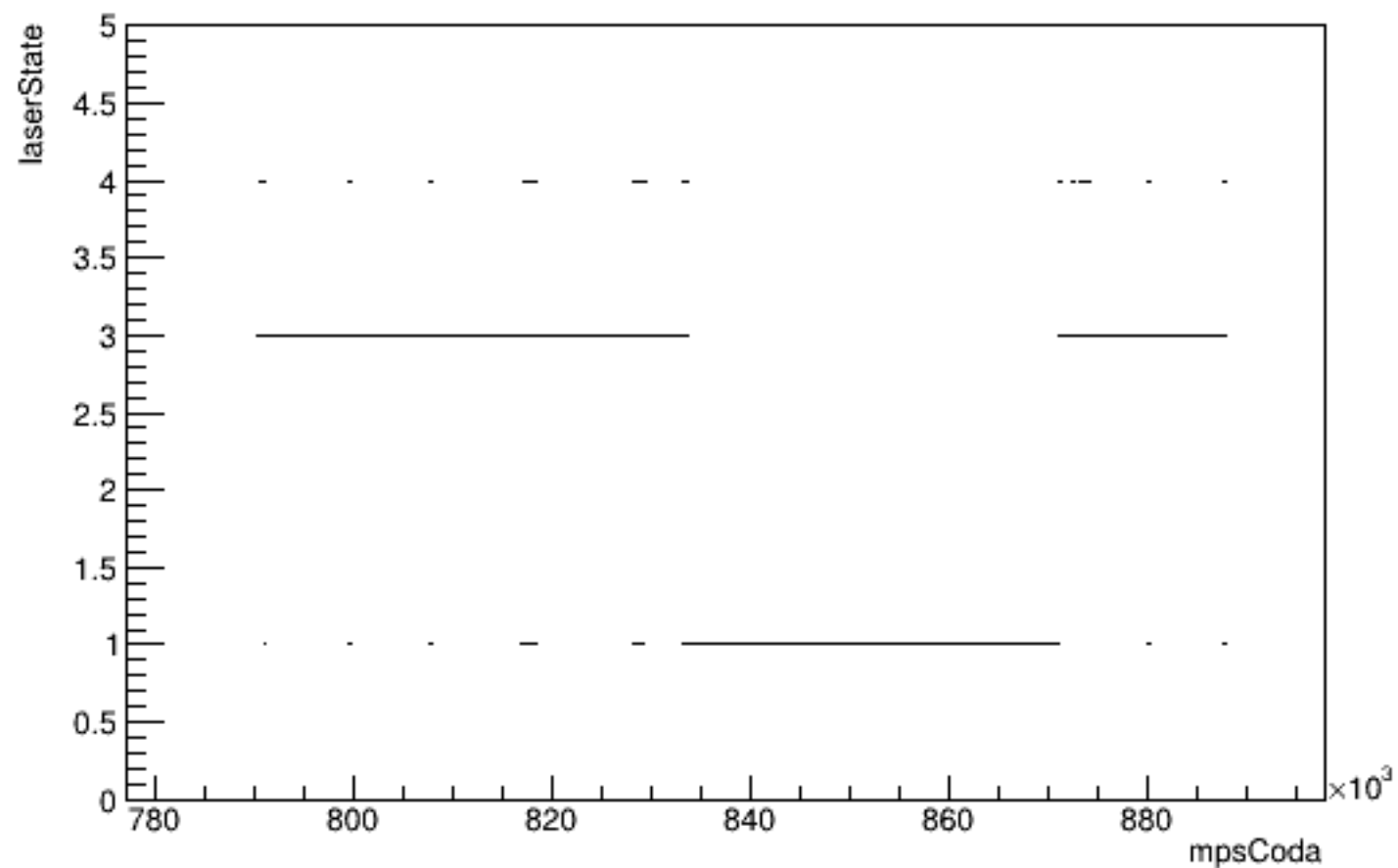
Run 4615 quartetwise, Asyms



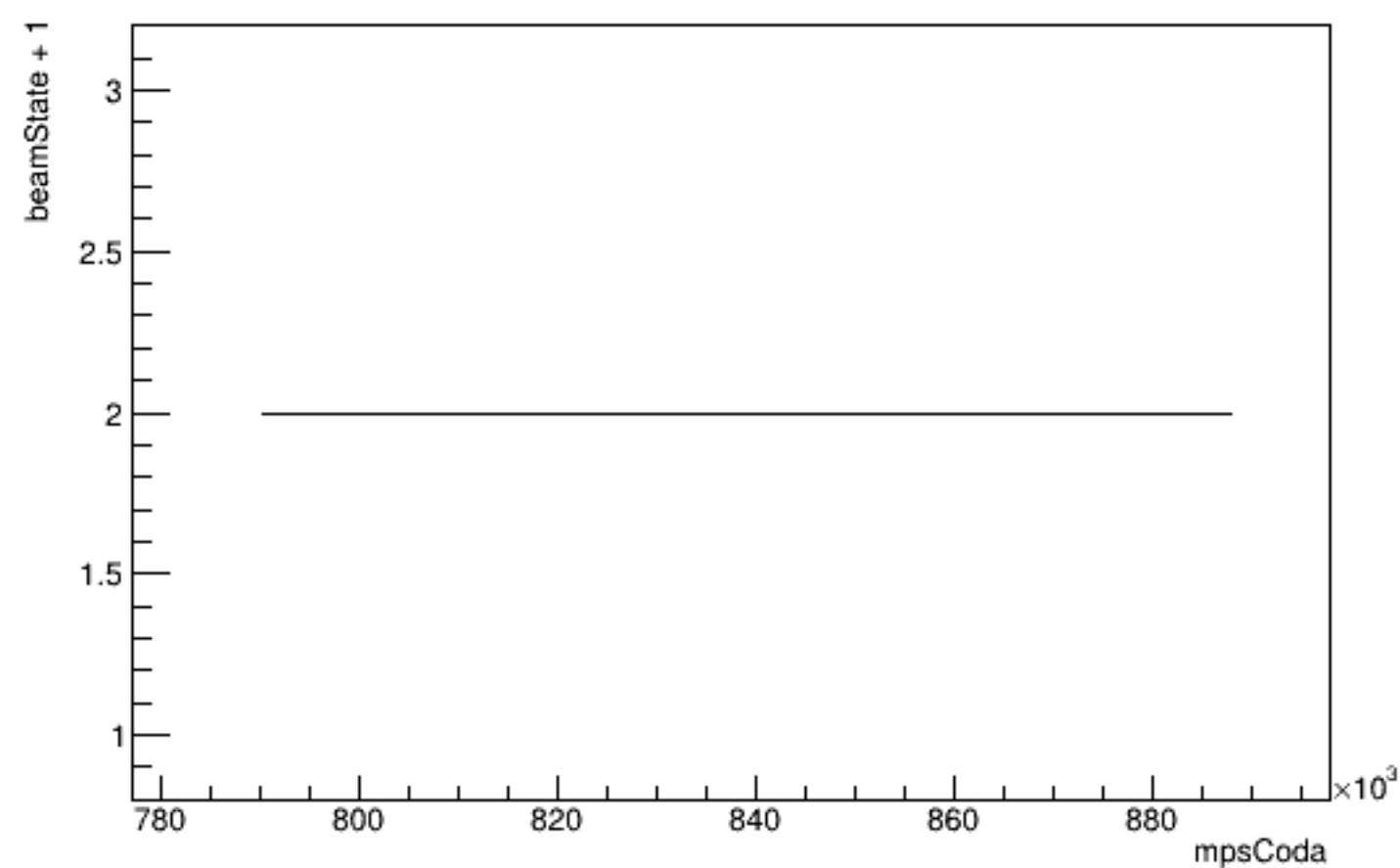
Acc0/NAcc0:mpsCoda (mpsCoda>=790431 && mpsCoda<=887766 && beamState==1)



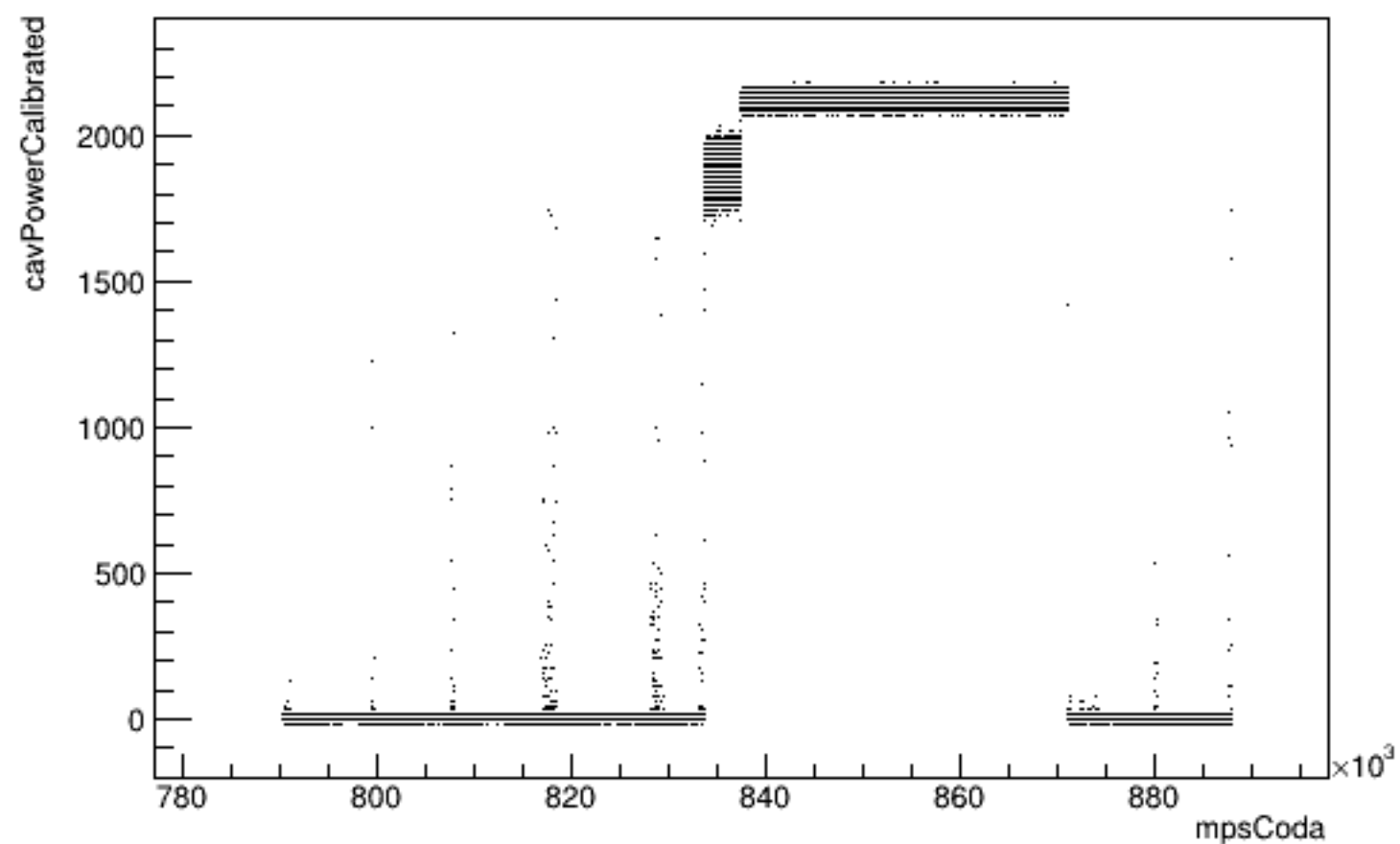
laserState:mpsCoda {mpsCoda>=790431 && mpsCoda<=887766}



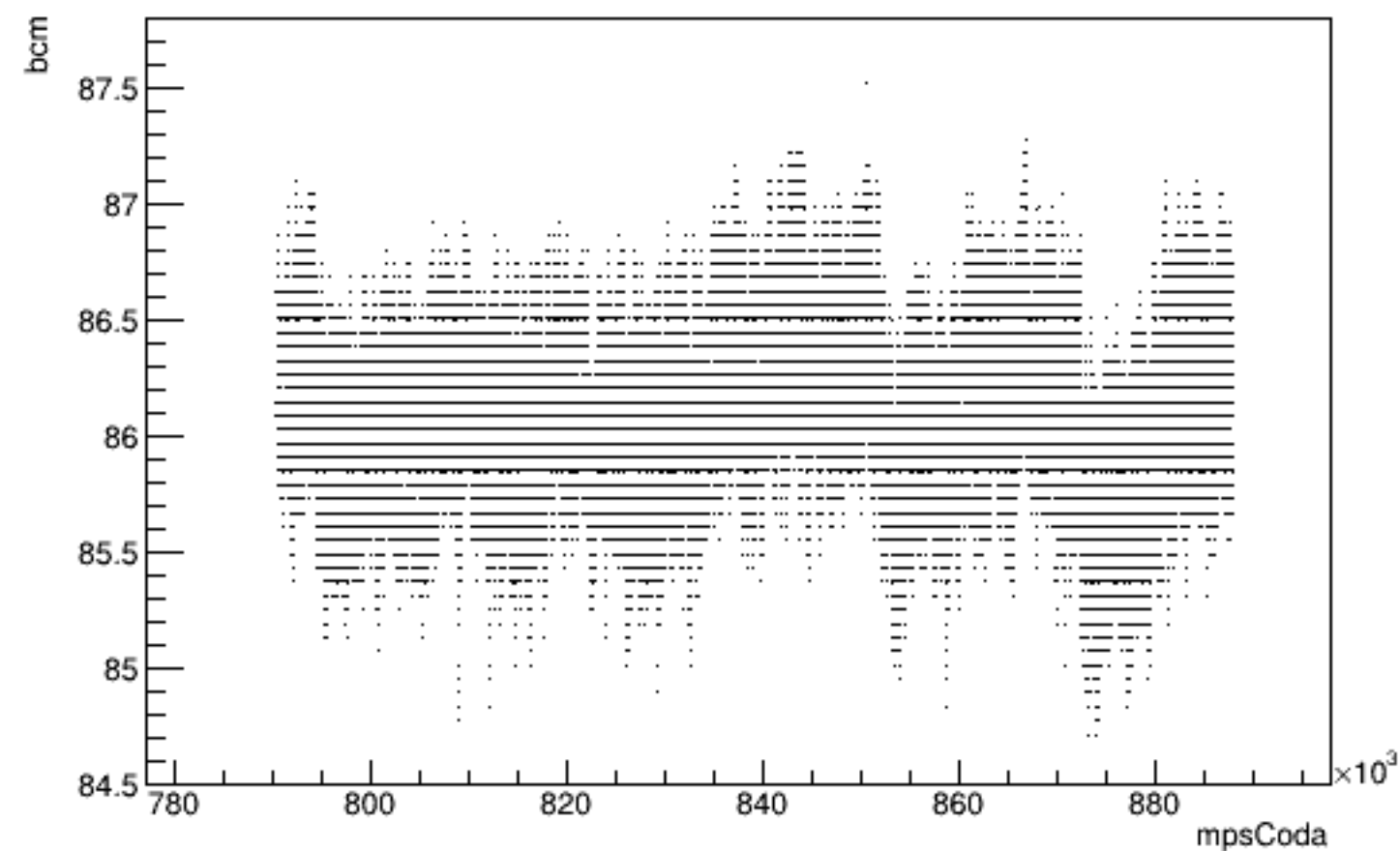
beamState + 1:mpsCoda {mpsCoda>=790431 && mpsCoda<=887766}



cavPowerCalibrated:mpsCoda {mpsCoda>=790431 && mpsCoda<=887766}



bcm:mpsCoda {mpsCoda>=790431 && mpsCoda<=887766}



Cycle 19, Diffs

Entries: 2053

Mean: -0.0009 +/- 0.0042

Std Dev: 0.1911 +/- 0.0030

Entries: 1452

Mean: -0.1279 +/- 0.0078

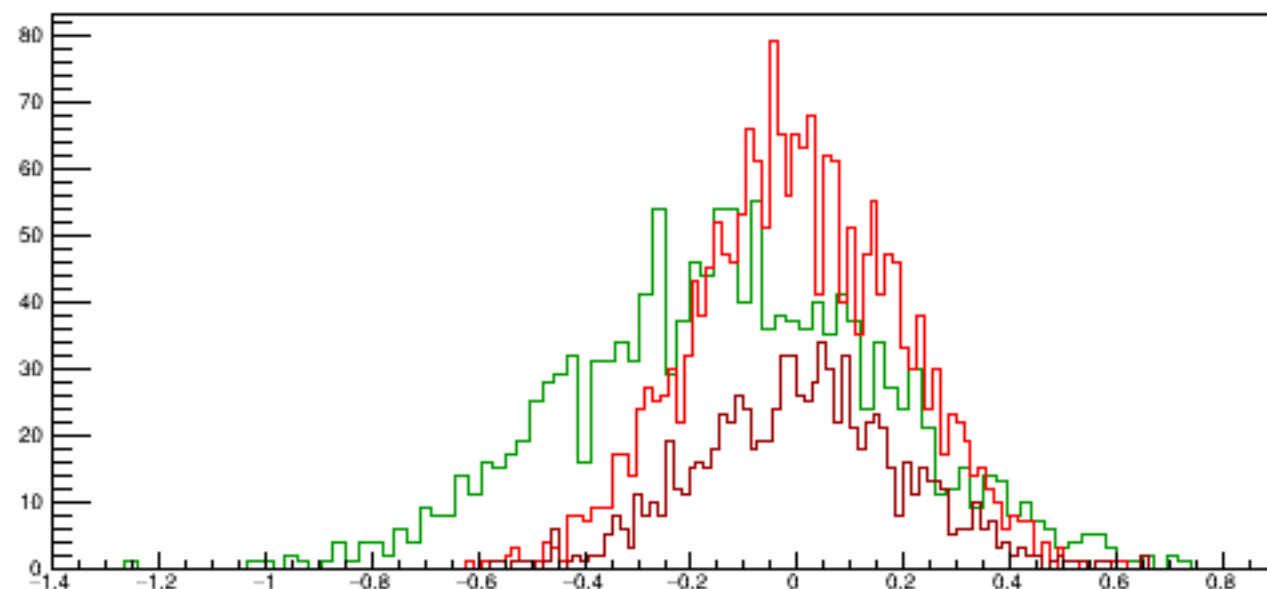
Std Dev: 0.2953 +/- 0.0055

Entries: 895

Mean: 0.0085 +/- 0.0065

Std Dev: 0.1931 +/- 0.0046

Run 4615 quartetwise, Diffs



Cycle 19, Sums

Entries: 2053

Mean: 14.9699 +/- 0.0055

Std Dev: 0.2504 +/- 0.0039

Entries: 1452

Mean: 23.6503 +/- 0.0125

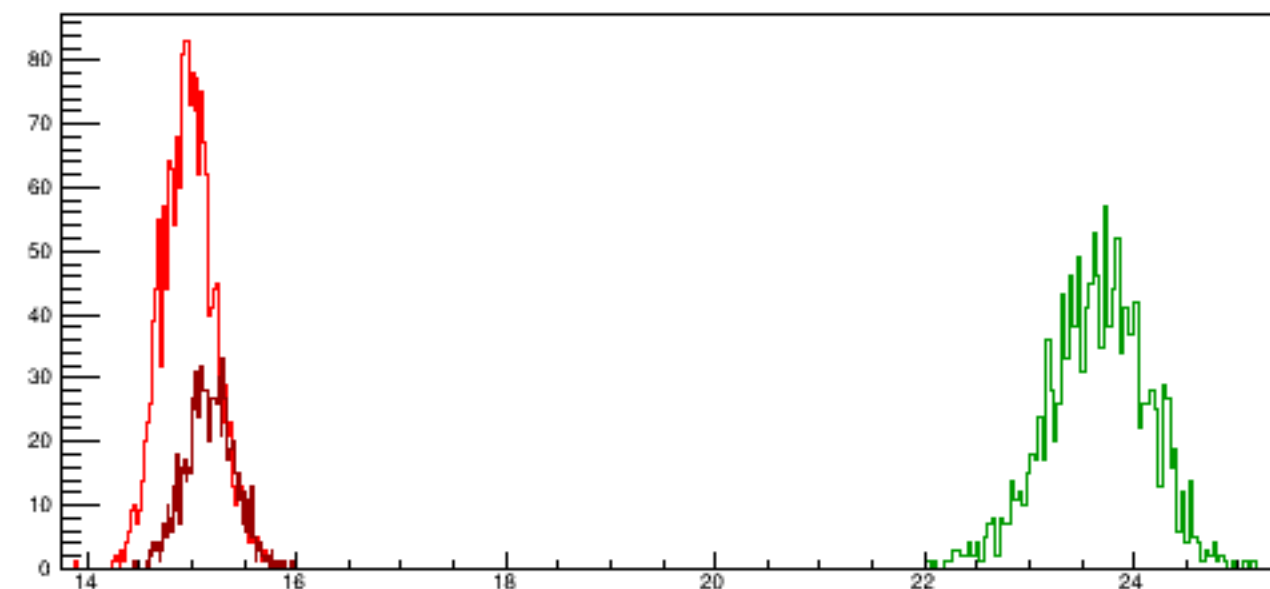
Std Dev: 0.4773 +/- 0.0089

Entries: 895

Mean: 15.1676 +/- 0.0079

Std Dev: 0.2362 +/- 0.0056

Run 4615 quartetwise, Sums



Cycle 19, Asyms

Entries: 2053

Mean: -0.0001 +/- 0.0005

Std Dev: 0.0223 +/- 0.0003

Entries: 1452

Mean: -0.0150 +/- 0.0009

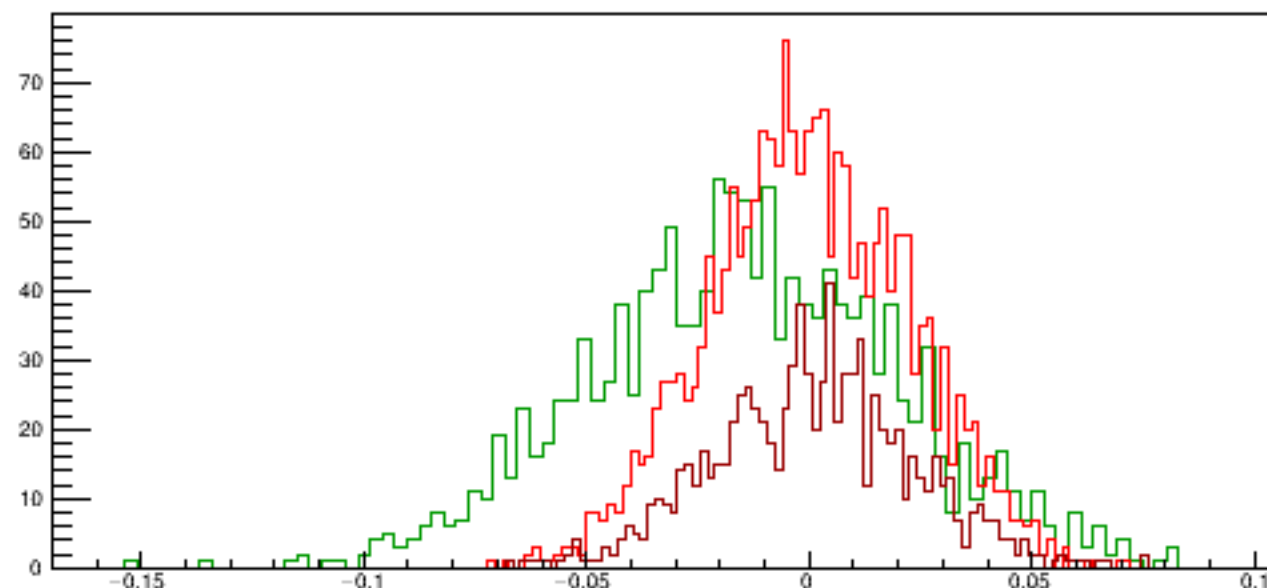
Std Dev: 0.0345 +/- 0.0006

Entries: 895

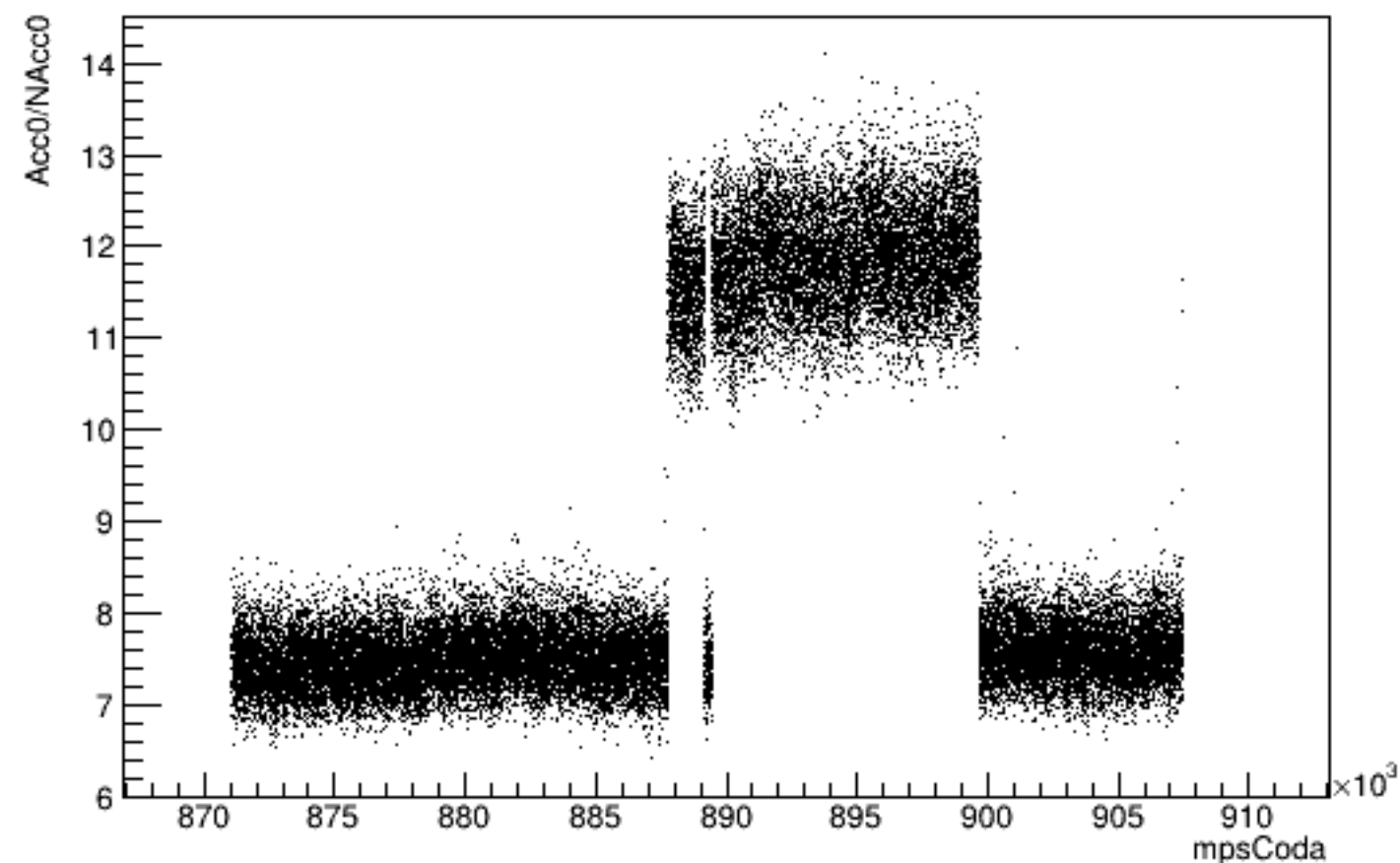
Mean: 0.0010 +/- 0.0008

Std Dev: 0.0225 +/- 0.0005

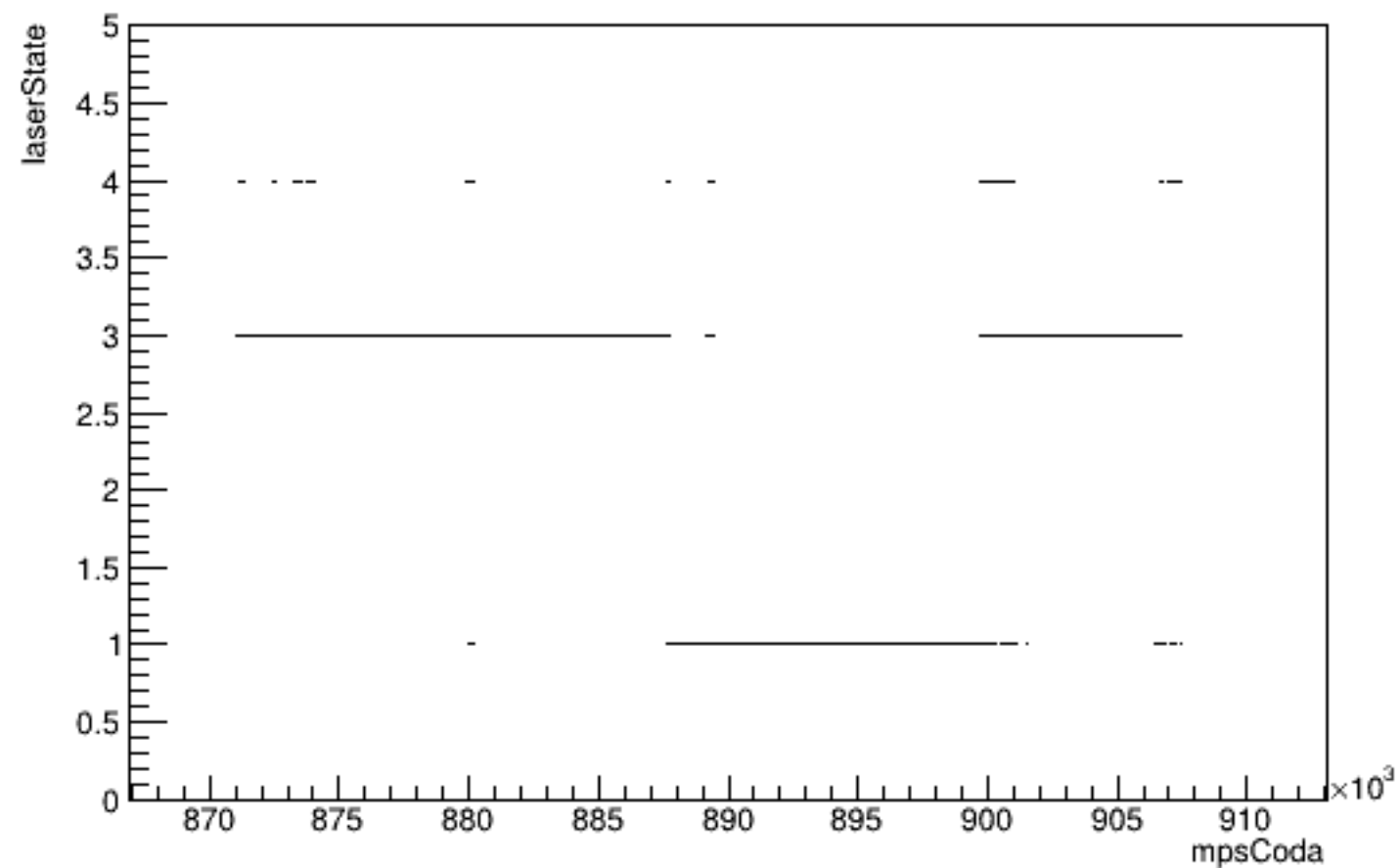
Run 4615 quartetwise, Asyms



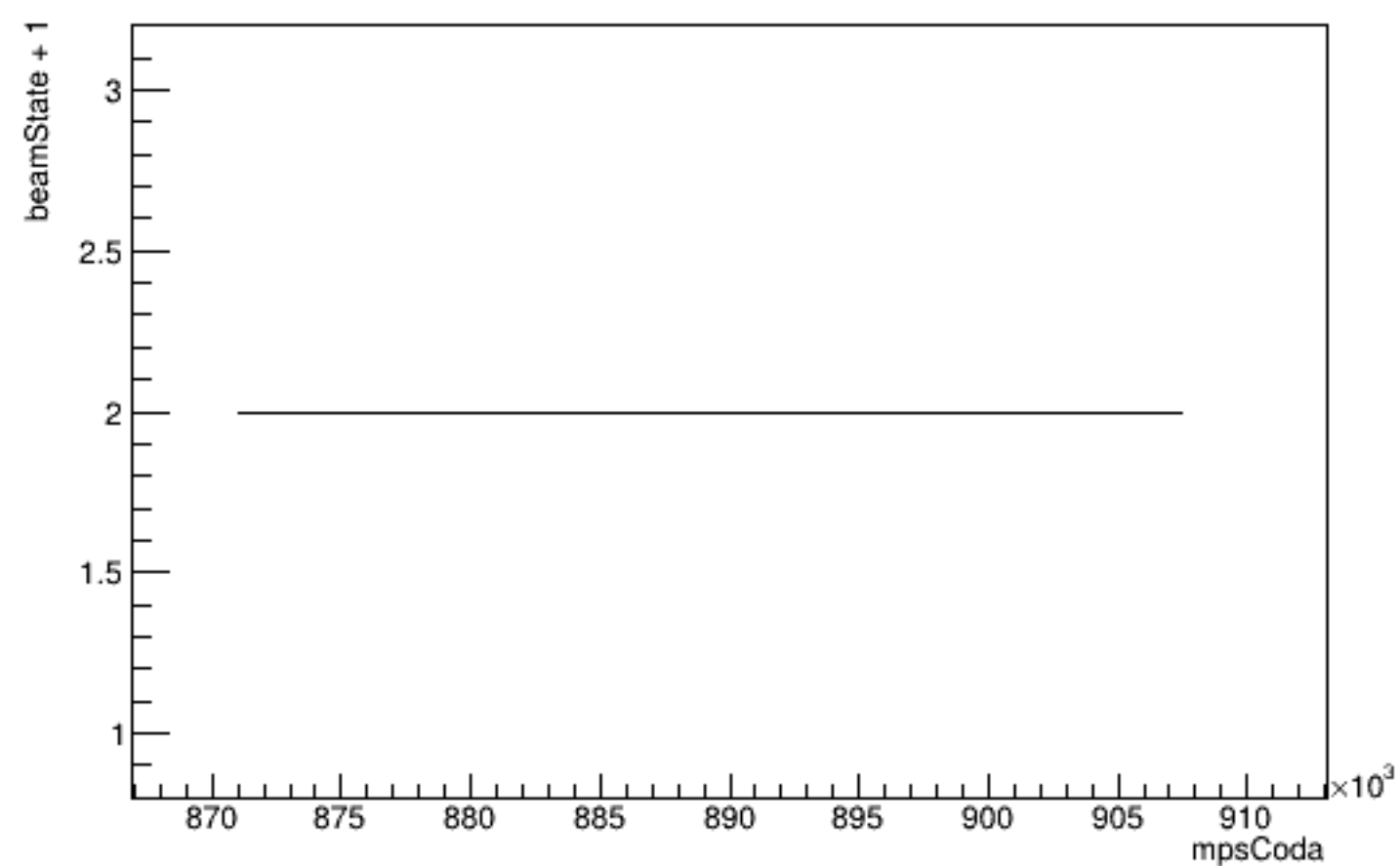
Acc0/NAcc0:mpsCoda (mpsCoda>=871071 && mpsCoda<=907486 && beamState==1)



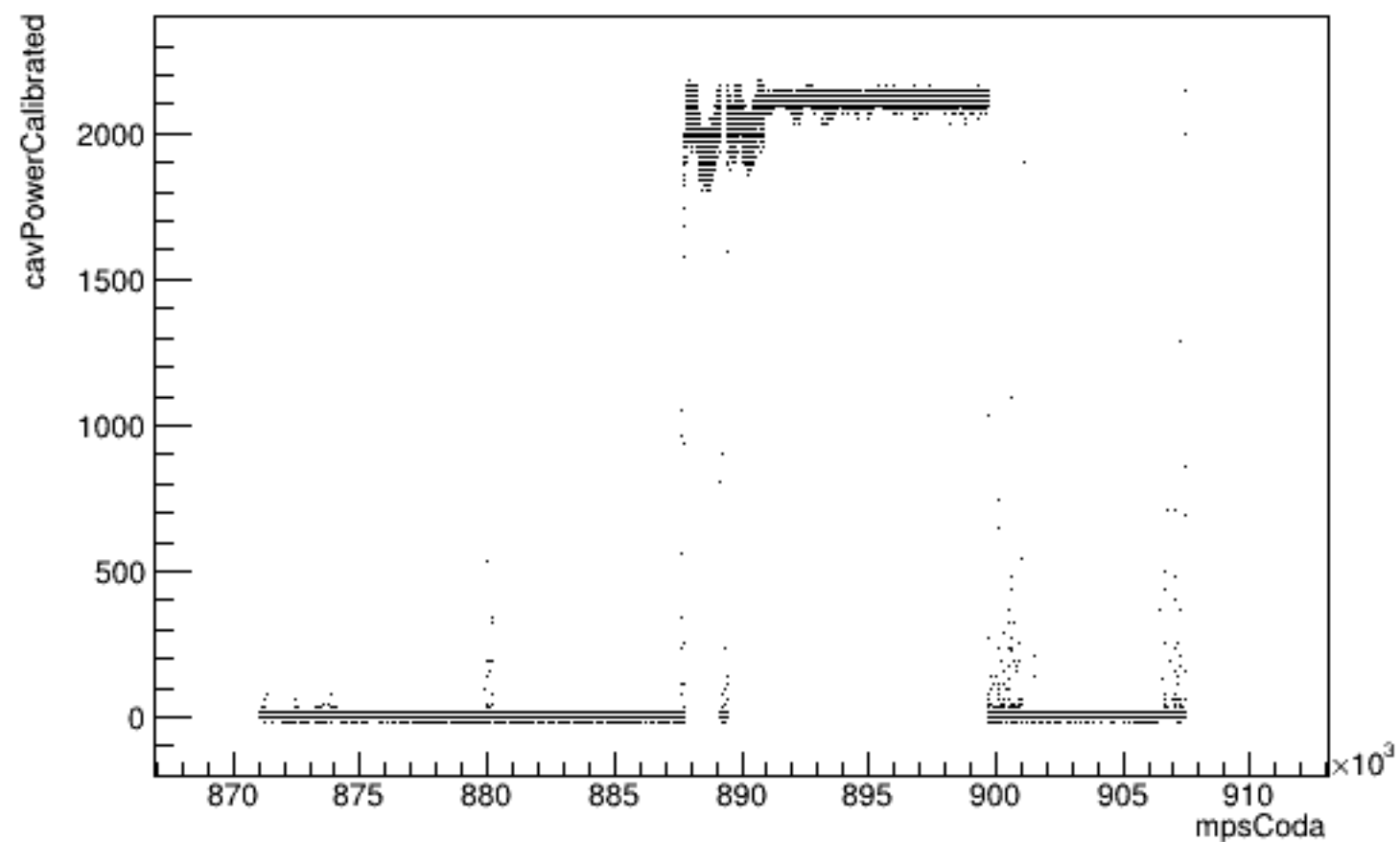
laserState:mpsCoda {mpsCoda>=871071 && mpsCoda<=907486}



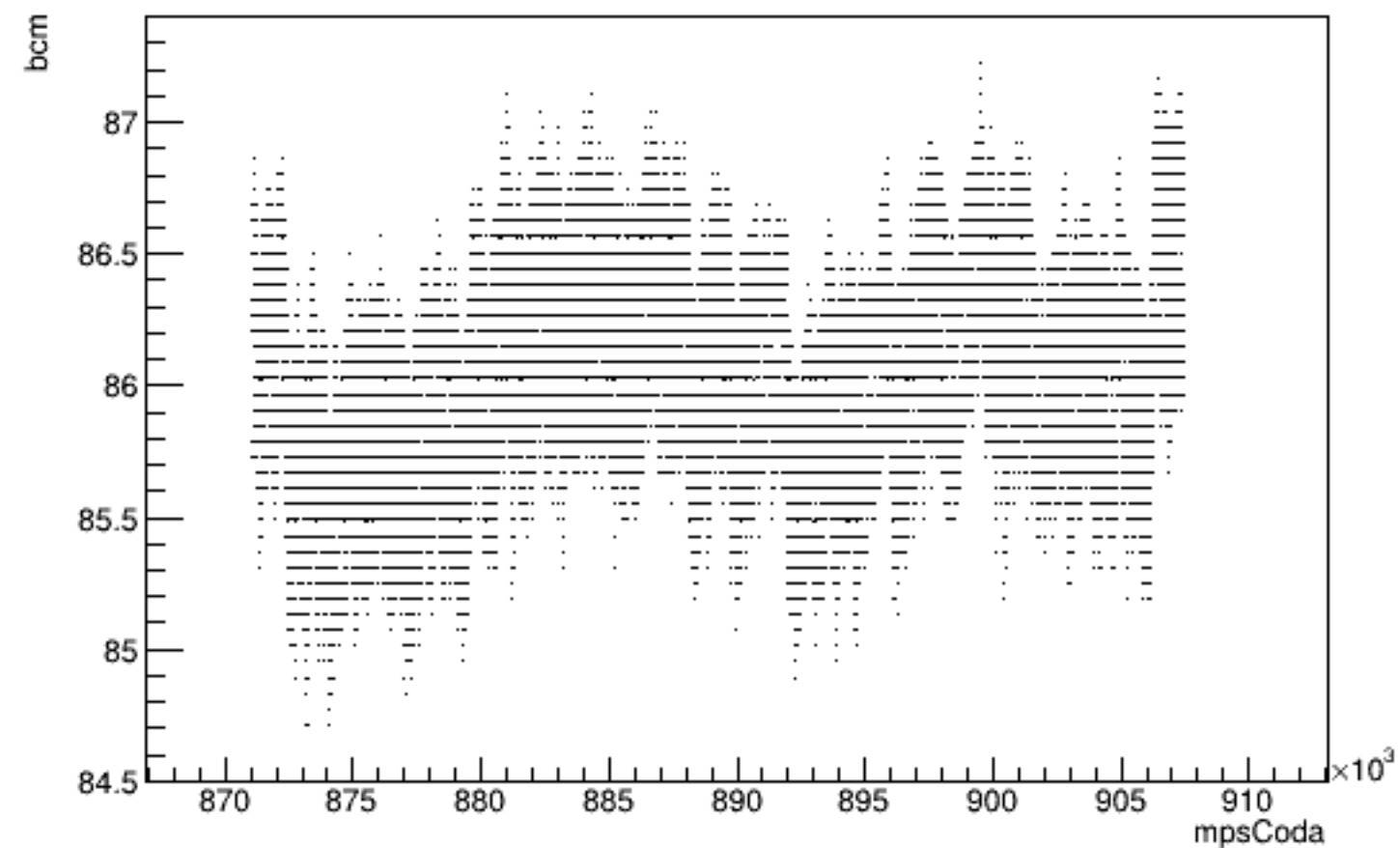
beamState + 1:mpsCoda {mpsCoda>=871071 && mpsCoda<=907486}



cavPowerCalibrated:mpsCoda {mpsCoda>=871071 && mpsCoda<=907486}



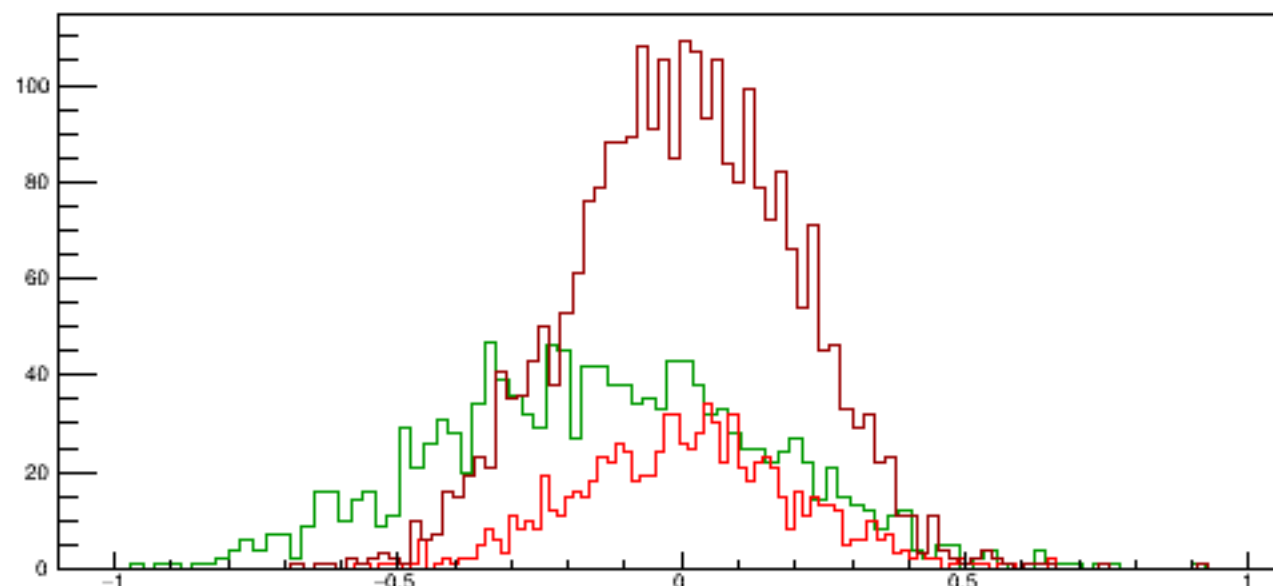
bcm:mpsCoda {mpsCoda>=871071 && mpsCoda<=907486}



Cycle 20, Diffs

Entries: 895	Entries: 1391	Entries: 2685
Mean: 0.0085 +/- 0.0065	Mean: -0.1370 +/- 0.0077	Mean: 0.0014 +/- 0.0038
Std Dev: 0.1931 +/- 0.0046	Std Dev: 0.2872 +/- 0.0054	Std Dev: 0.1968 +/- 0.0027

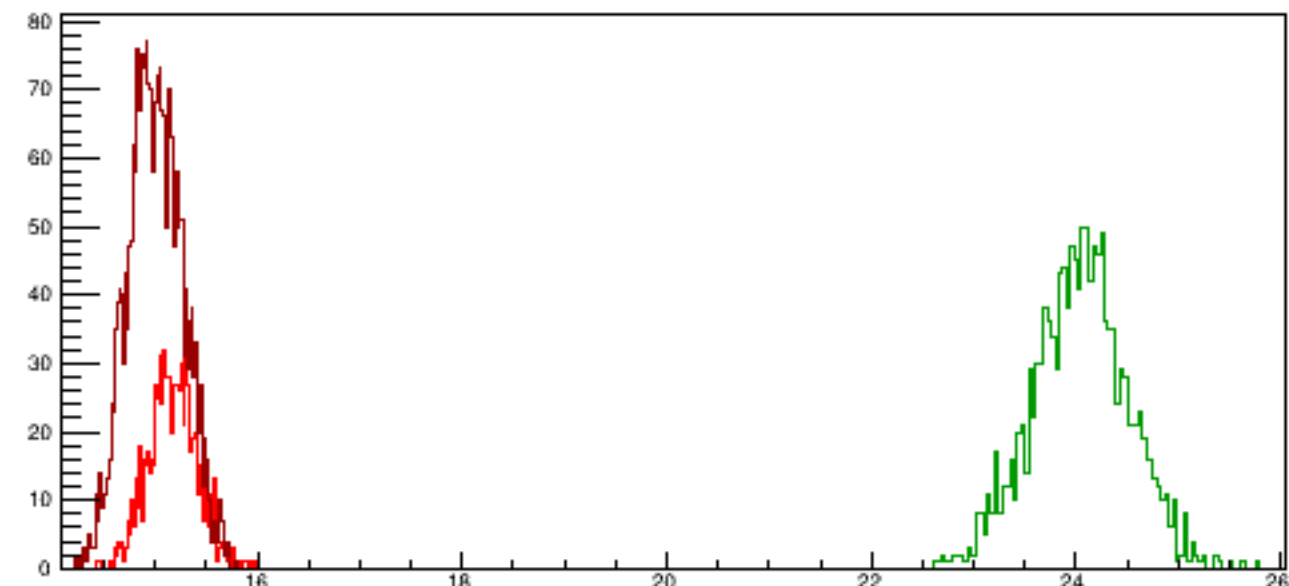
Run 4615 quartetwise, Diffs



Cycle 20, Sums

Entries: 895	Entries: 1391	Entries: 2685
Mean: 15.1676 +/- 0.0079	Mean: 24.0418 +/- 0.0126	Mean: 15.0020 +/- 0.0051
Std Dev: 0.2362 +/- 0.0056	Std Dev: 0.4700 +/- 0.0089	Std Dev: 0.2648 +/- 0.0036

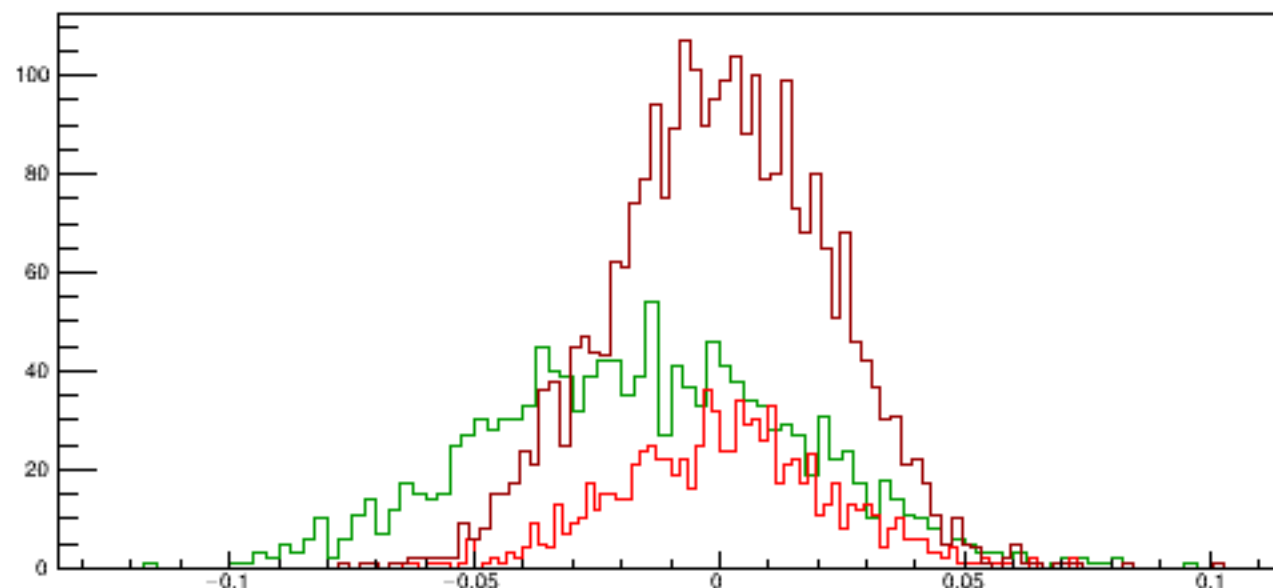
Run 4615 quartetwise, Sums



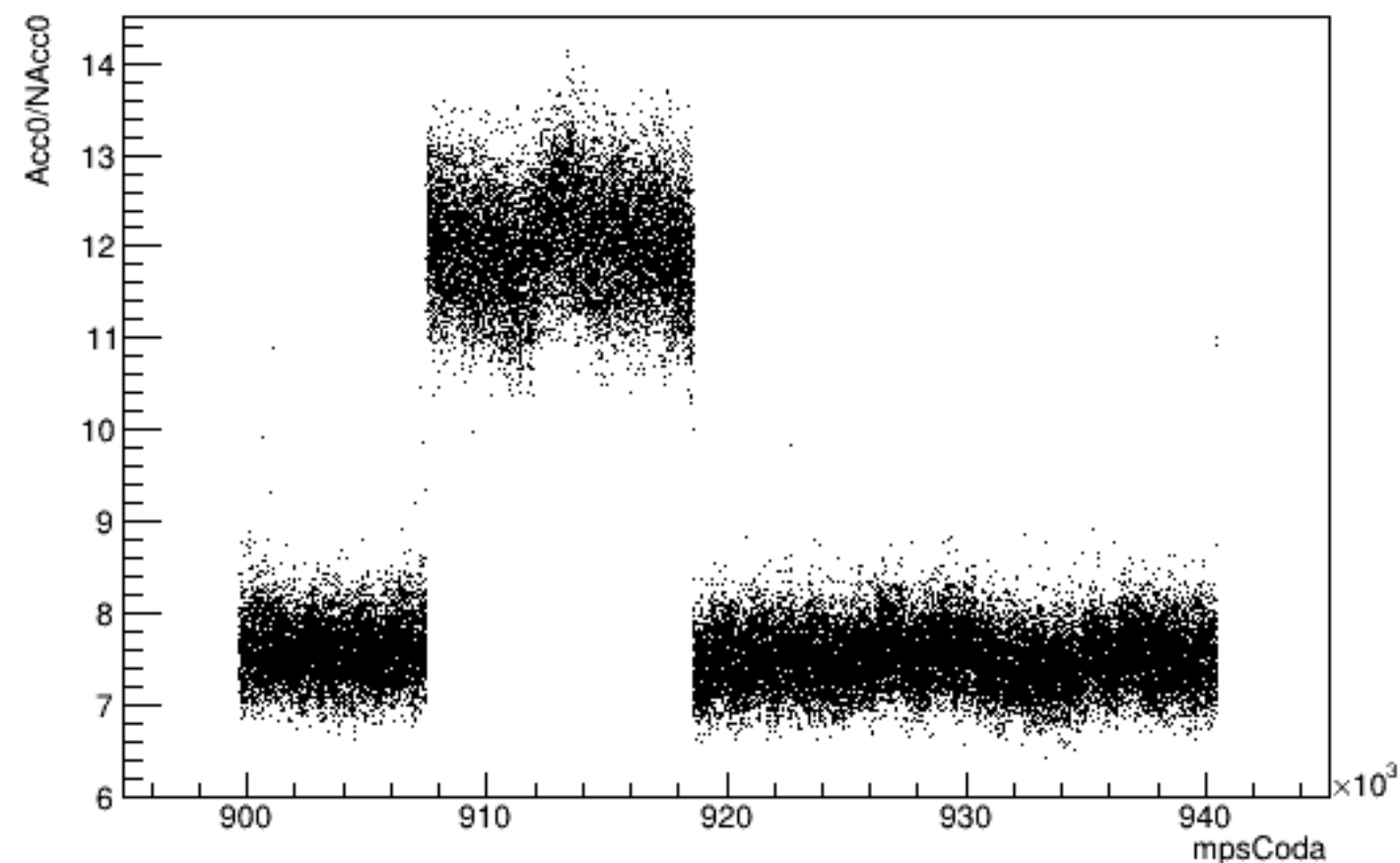
Cycle 20, Asyms

Entries: 895	Entries: 1391	Entries: 2685
Mean: 0.0009 +/- 0.0007	Mean: -0.0153 +/- 0.0009	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0216 +/- 0.0005	Std Dev: 0.0322 +/- 0.0006	Std Dev: 0.0220 +/- 0.0003

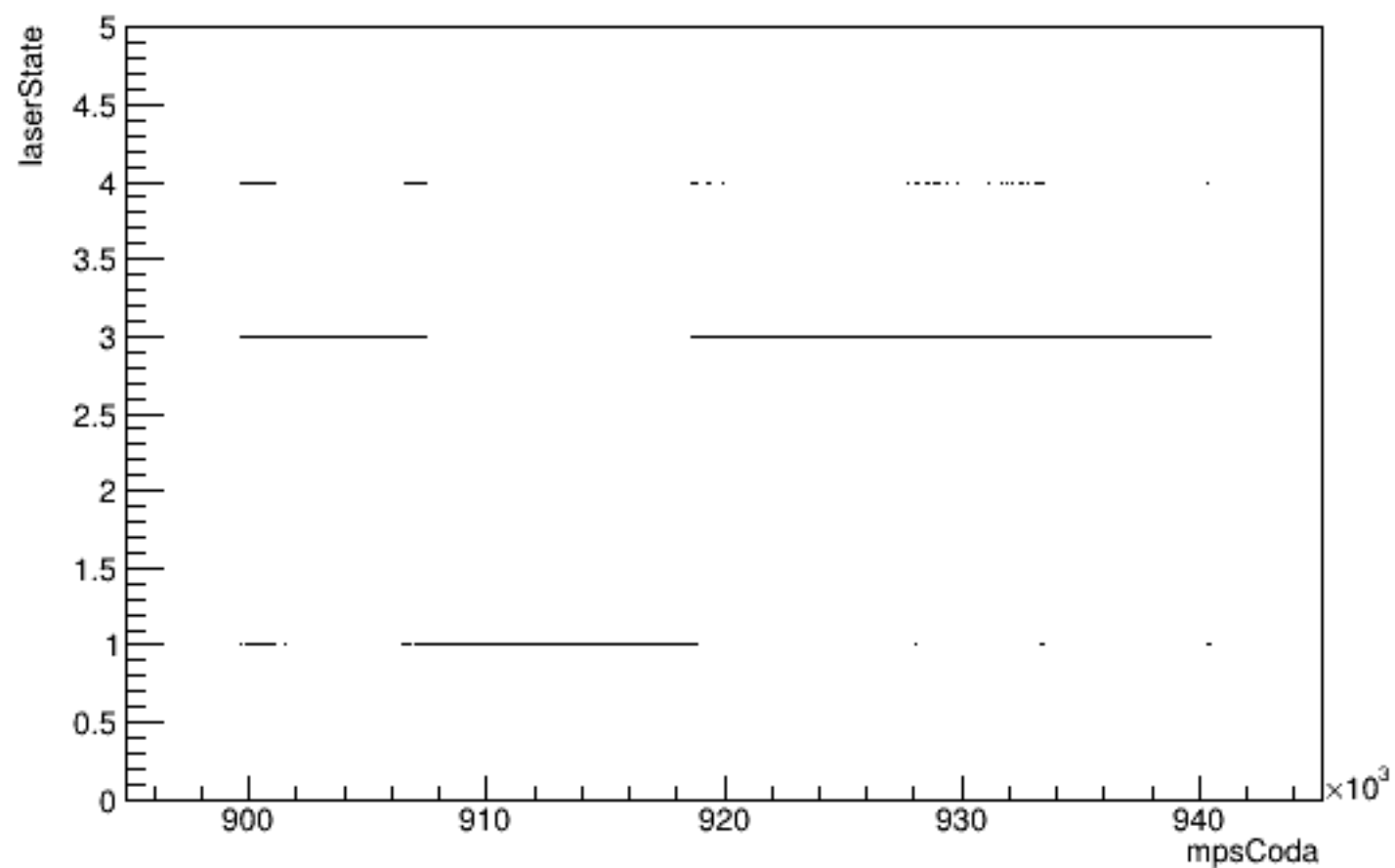
Run 4615 quartetwise, Asyms



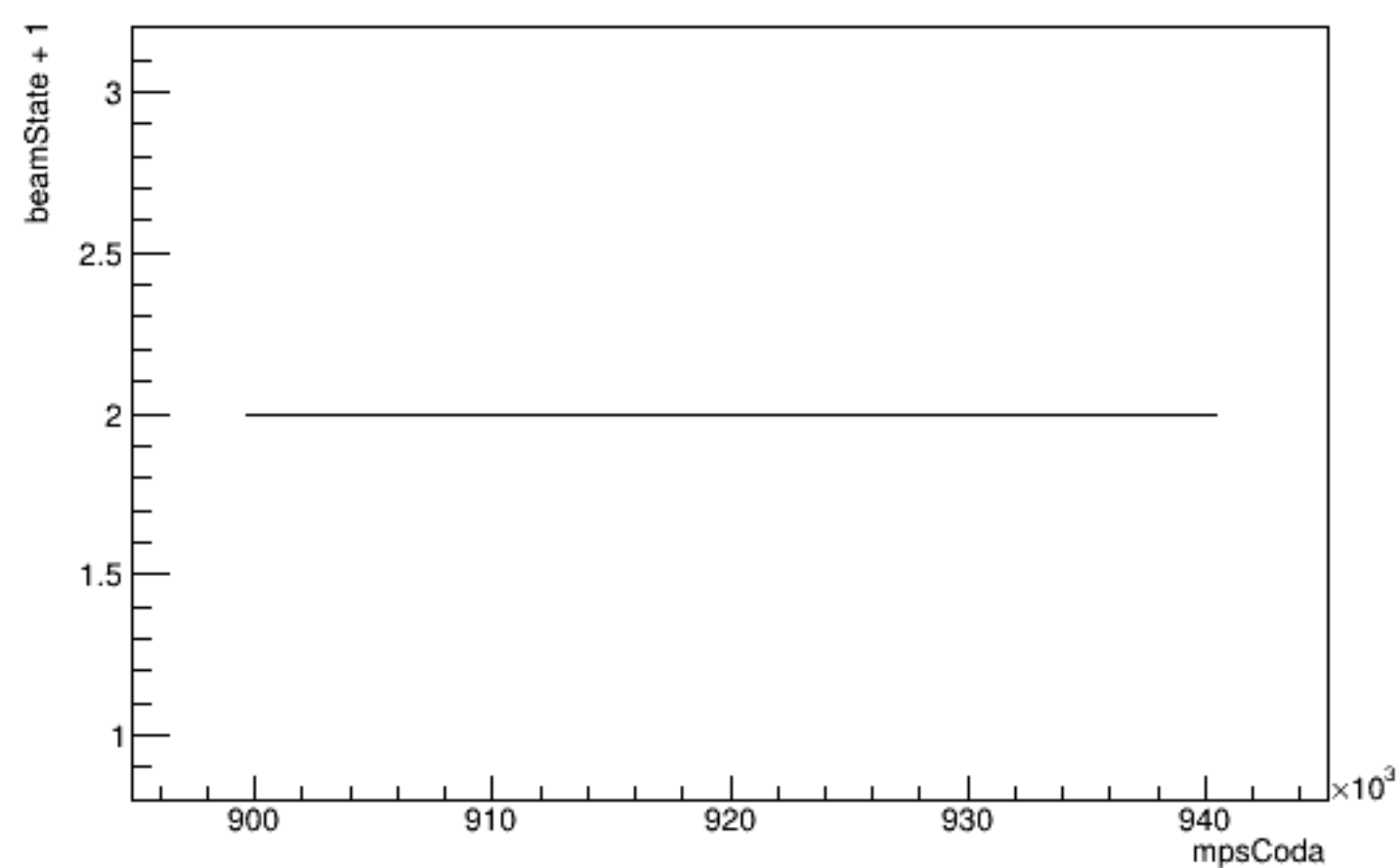
Acc0/NAcc0:mpsCoda (mpsCoda>=899671 && mpsCoda<=940478 && beamState==1)



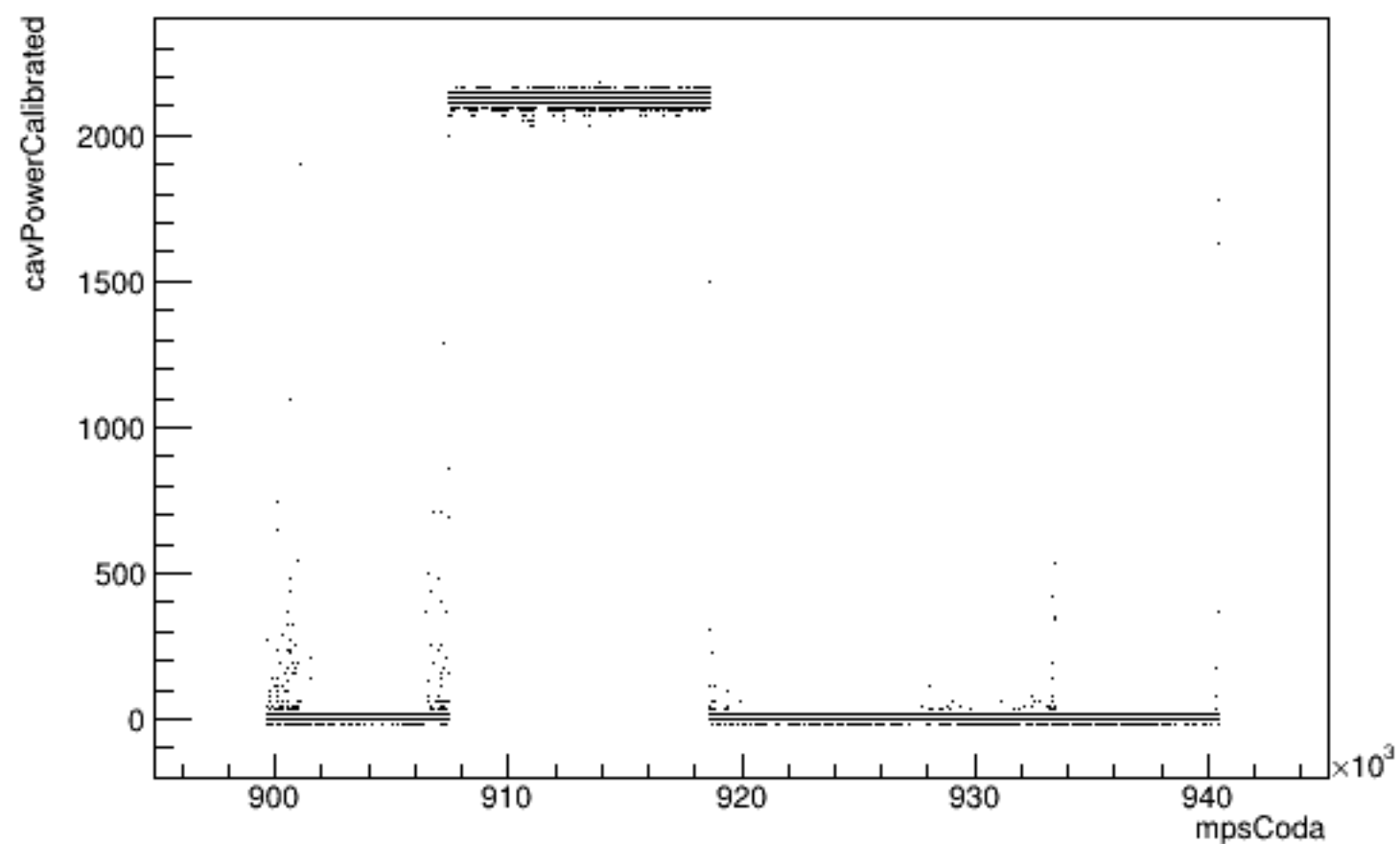
laserState:mpsCoda {mpsCoda>=899671 && mpsCoda<=940478}



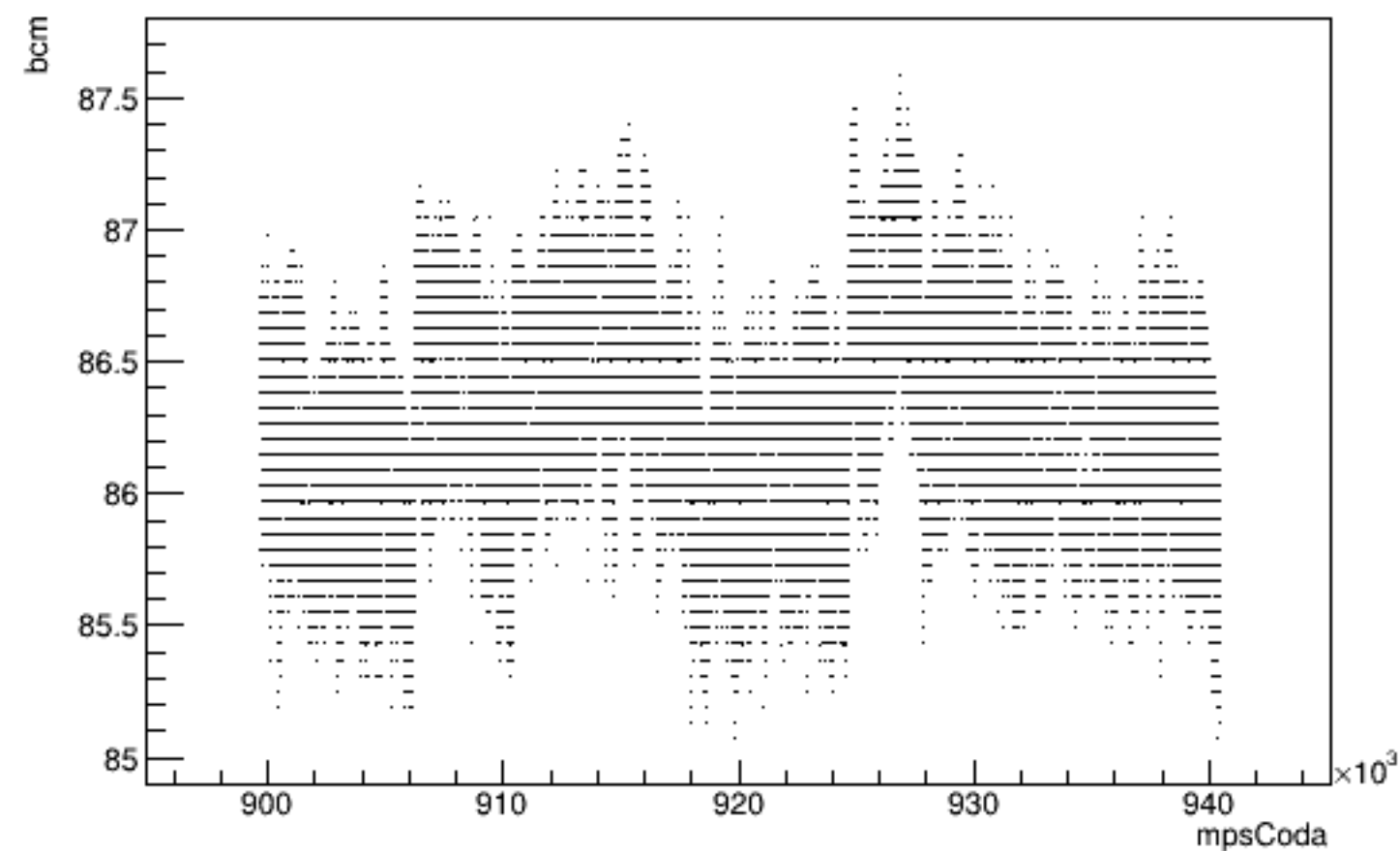
beamState + 1:mpsCoda {mpsCoda>=899671 && mpsCoda<=940478}



cavPowerCalibrated:mpsCoda {mpsCoda>=899671 && mpsCoda<=940478}



bcm:mpsCoda {mpsCoda>=899671 && mpsCoda<=940478}



Cycle 21, Diffs

Entries: 2685

Mean: 0.0014 +/- 0.0038

Std Dev: 0.1968 +/- 0.0027

Entries: 4611

Mean: -0.1274 +/- 0.0042

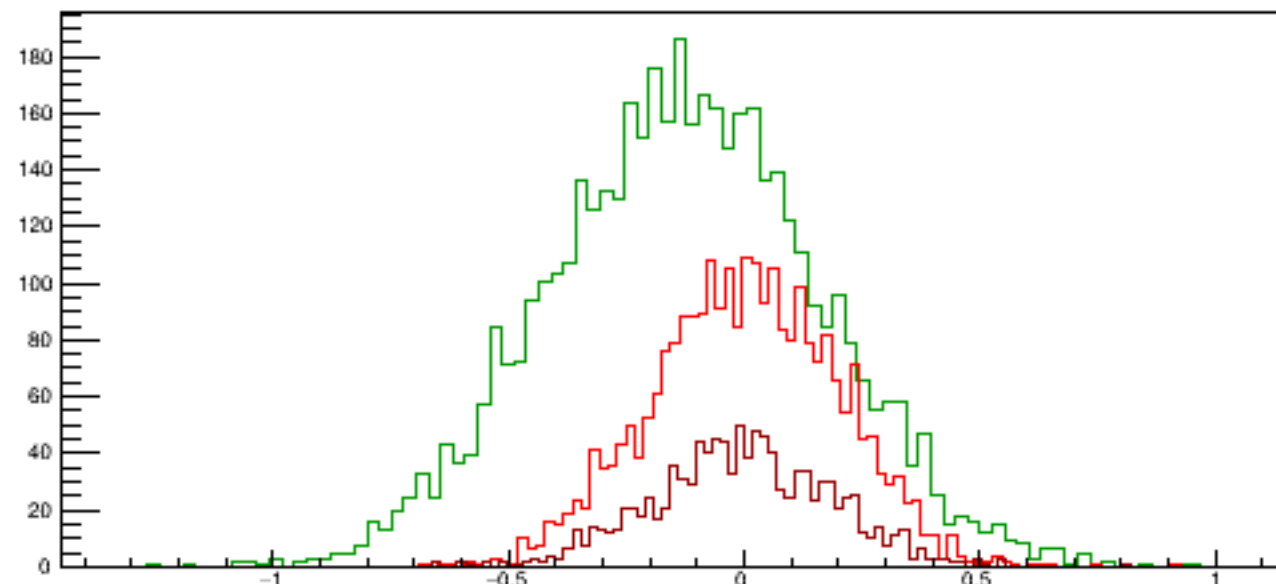
Std Dev: 0.2873 +/- 0.0030

Entries: 1117

Mean: -0.0059 +/- 0.0057

Std Dev: 0.1916 +/- 0.0041

Run 4615 quartetwise, Diffs



Cycle 21, Sums

Entries: 2685

Mean: 15.0020 +/- 0.0051

Std Dev: 0.2648 +/- 0.0036

Entries: 4611

Mean: 23.7260 +/- 0.0065

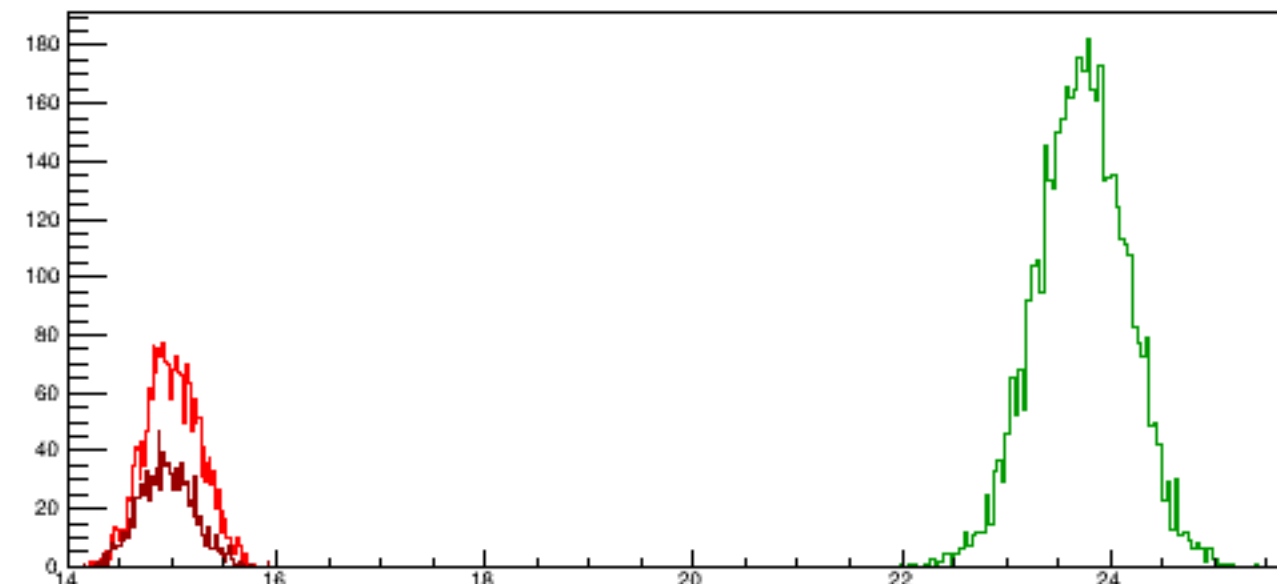
Std Dev: 0.4381 +/- 0.0046

Entries: 1117

Mean: 14.9458 +/- 0.0079

Std Dev: 0.2637 +/- 0.0056

Run 4615 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=918639 && mpsCoda<=986414 && beamState==1)

Cycle 21, Asyms

Entries: 2685

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0225 +/- 0.0003

Entries: 4611

Mean: -0.0146 +/- 0.0005

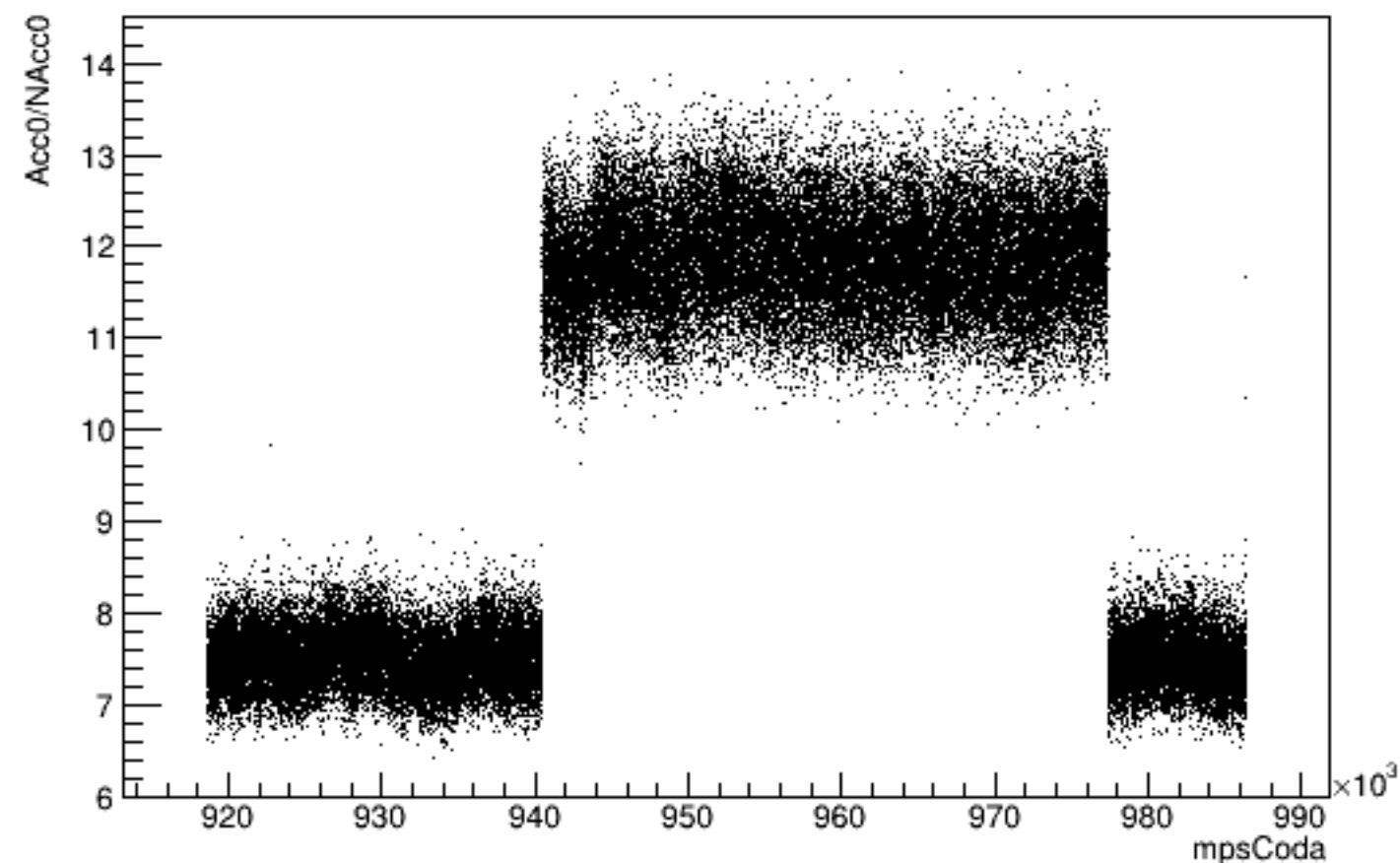
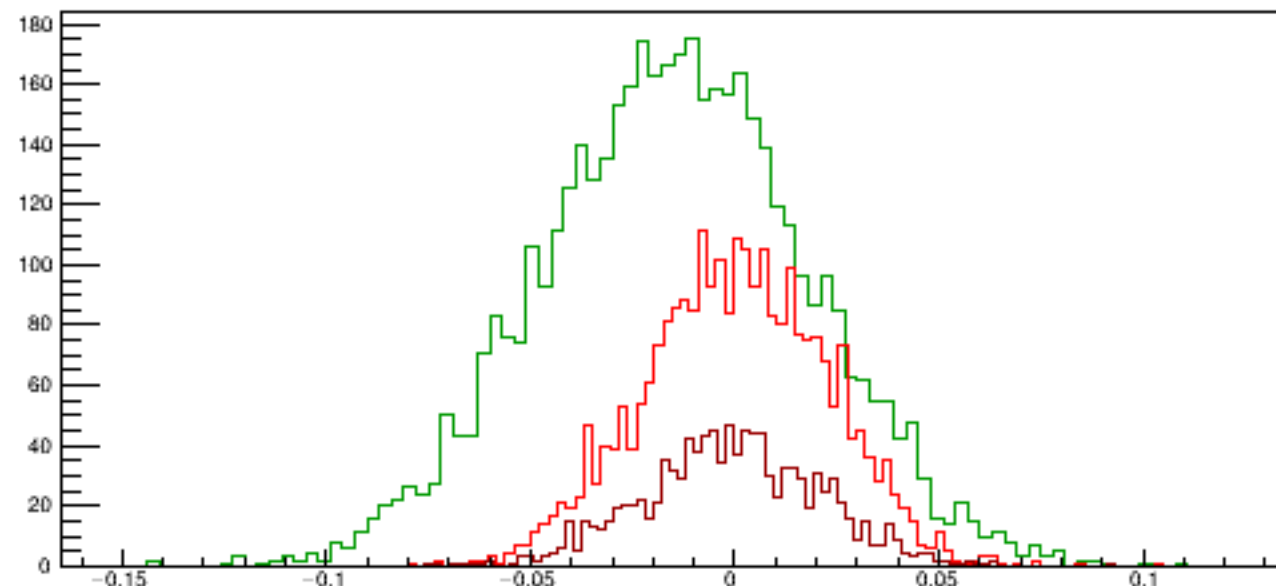
Std Dev: 0.0329 +/- 0.0003

Entries: 1117

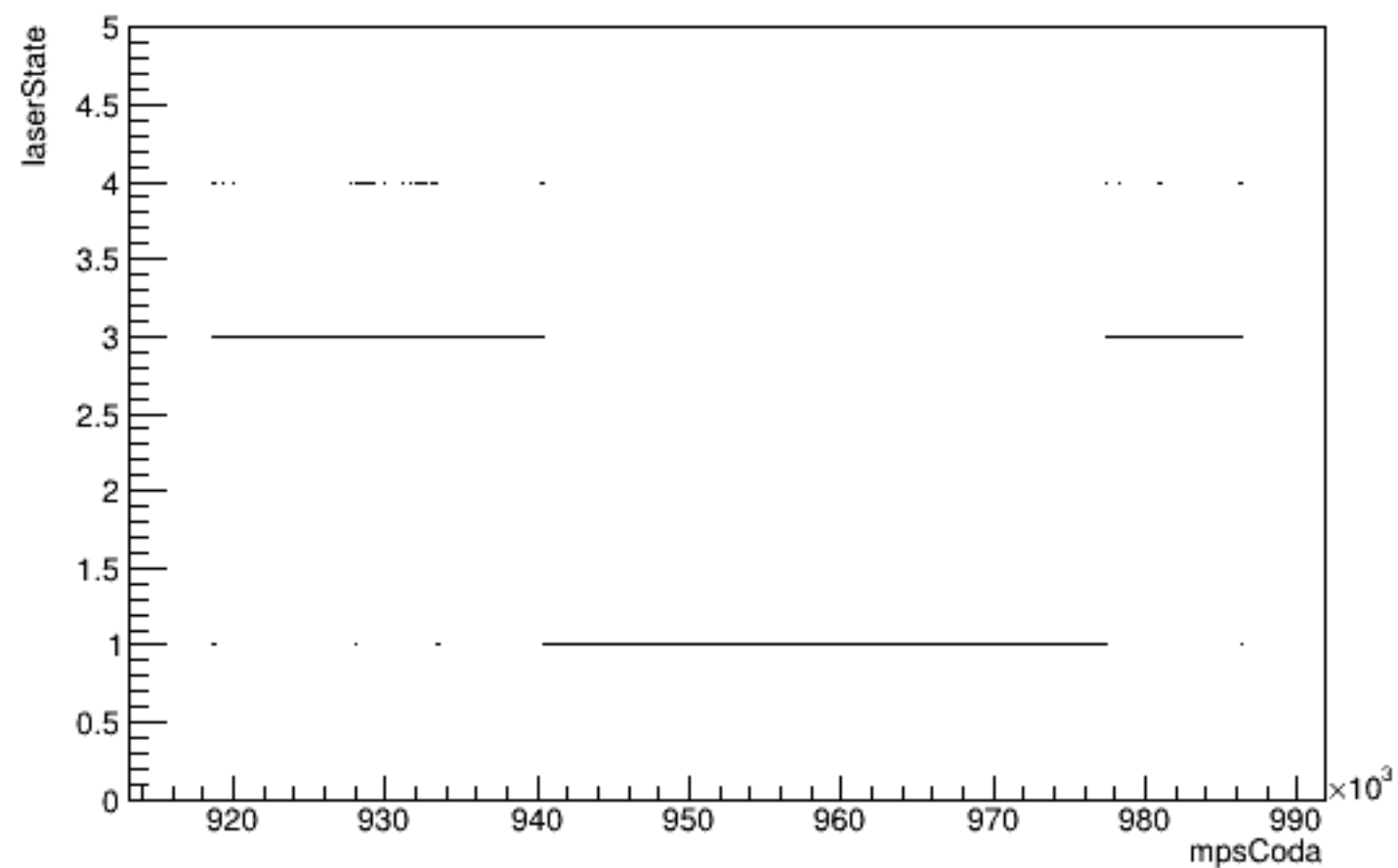
Mean: -0.0007 +/- 0.0007

Std Dev: 0.0219 +/- 0.0005

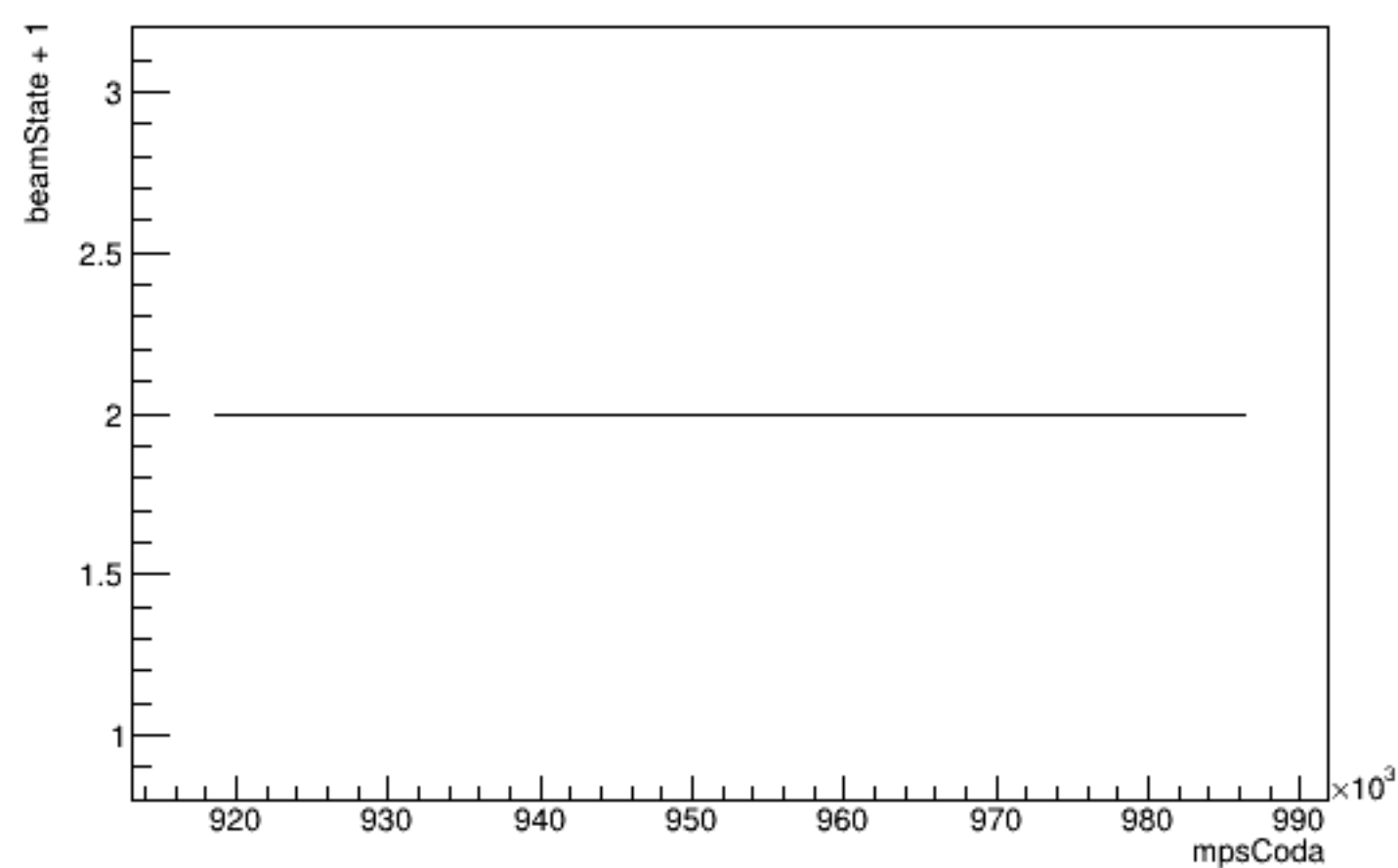
Run 4615 quartetwise, Asyms



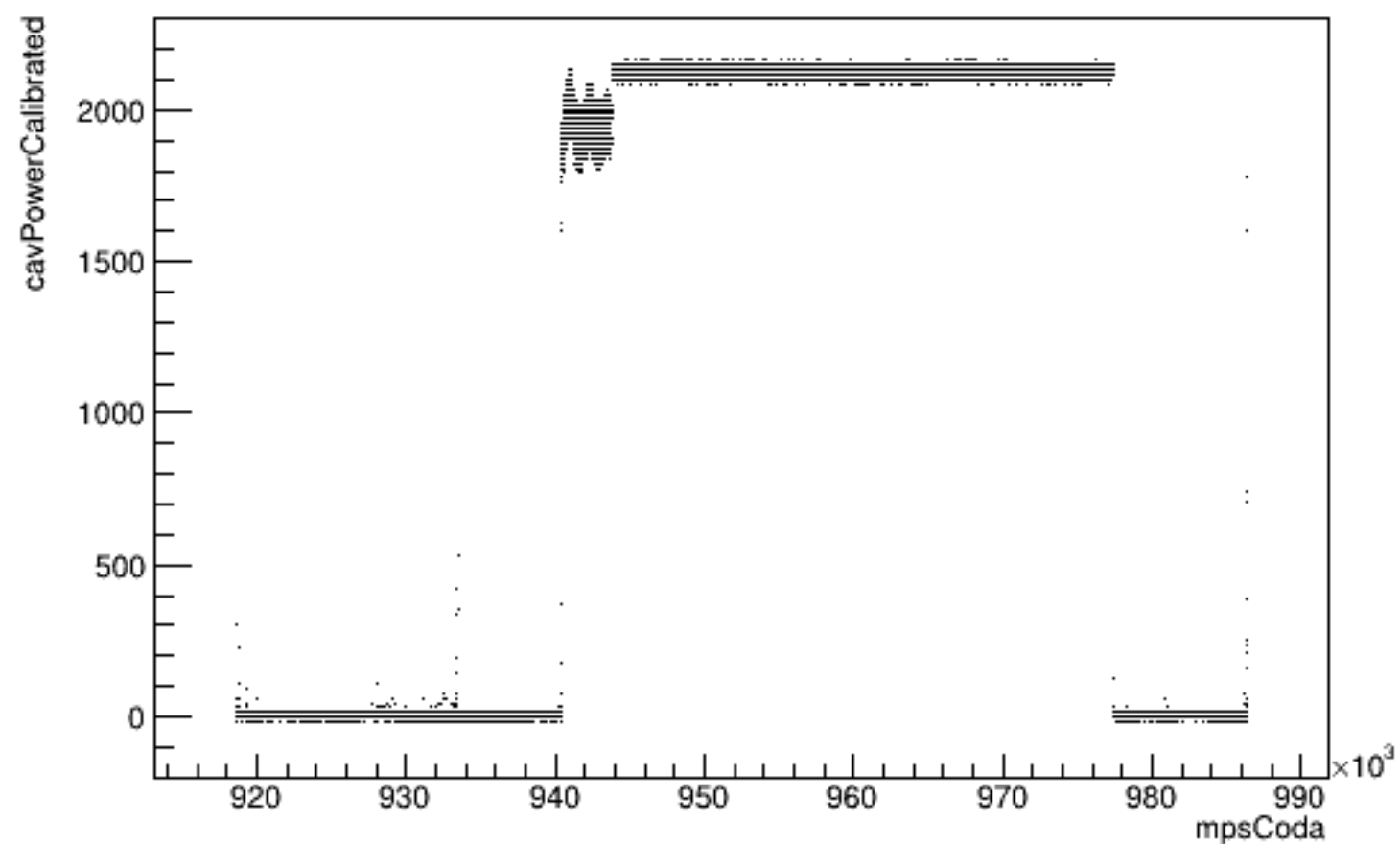
laserState:mpsCoda {mpsCoda>=918639 && mpsCoda<=986414}



beamState + 1:mpsCoda {mpsCoda>=918639 && mpsCoda<=986414}



cavPowerCalibrated:mpsCoda {mpsCoda>=918639 && mpsCoda<=986414}



bcm:mpsCoda {mpsCoda>=918639 && mpsCoda<=986414}

