

Cycle 1, Diffs

Entries: 3559

Mean: 0.0043 +/- 0.0033

Std Dev: 0.1956 +/- 0.0023

Entries: 4582

Mean: 0.1324 +/- 0.0043

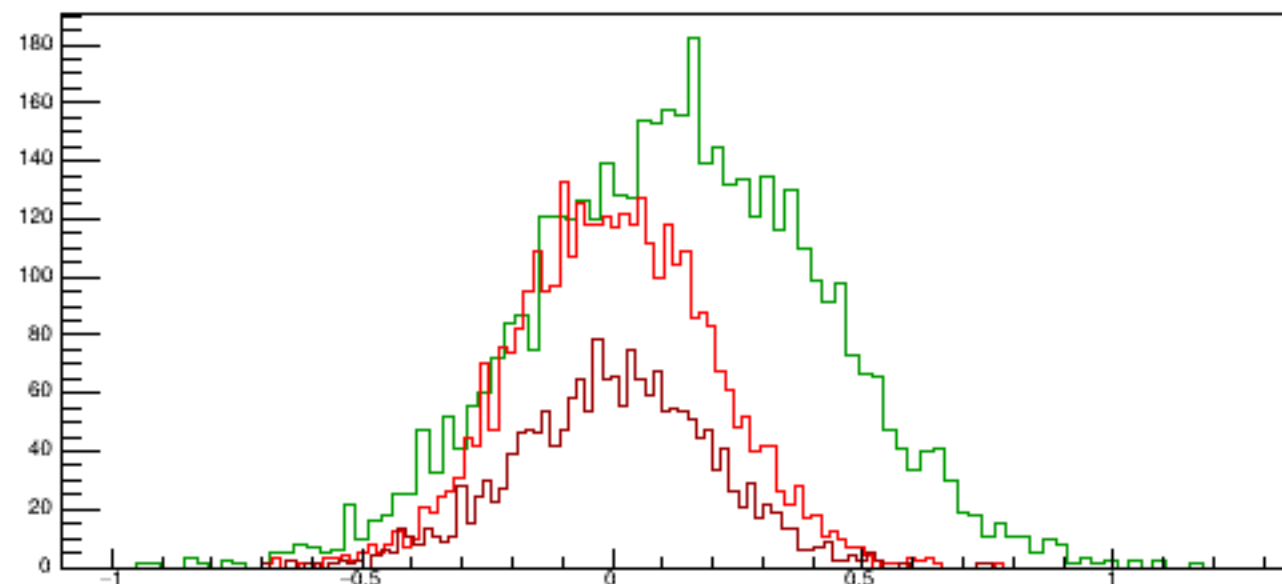
Std Dev: 0.2913 +/- 0.0030

Entries: 1869

Mean: 0.0041 +/- 0.0045

Std Dev: 0.1950 +/- 0.0032

Run 4608 quartetwise, Diffs



Cycle 1, Sums

Entries: 3559

Mean: 14.8870 +/- 0.0042

Std Dev: 0.2481 +/- 0.0029

Entries: 4582

Mean: 23.6014 +/- 0.0070

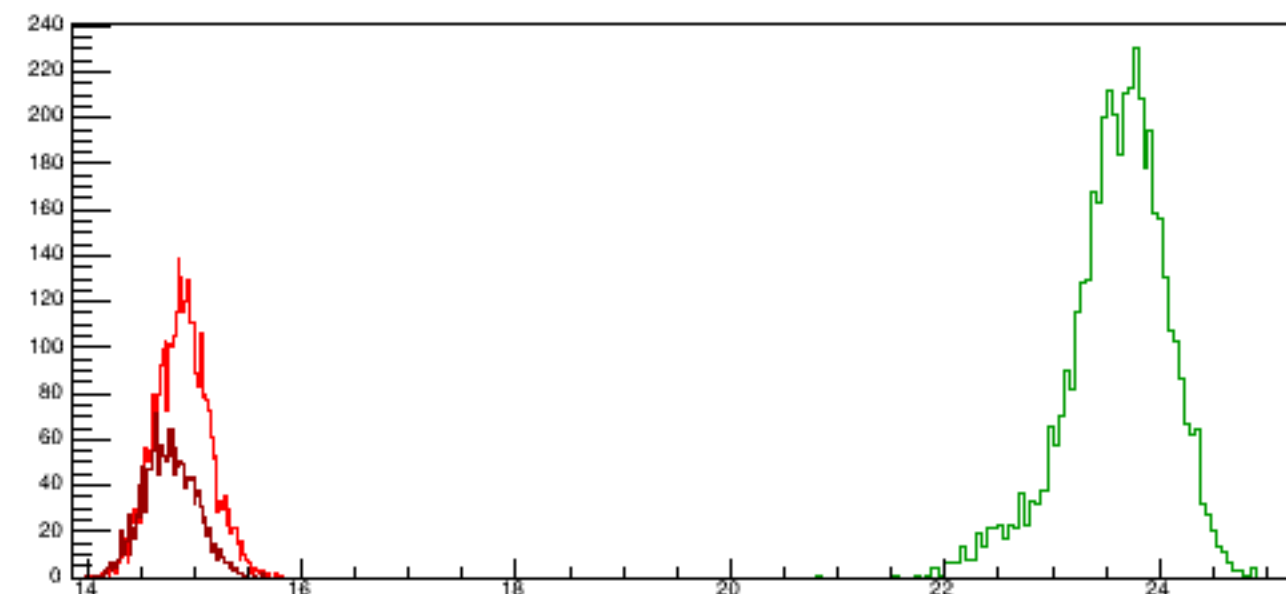
Std Dev: 0.4745 +/- 0.0050

Entries: 1869

Mean: 14.7693 +/- 0.0057

Std Dev: 0.2468 +/- 0.0040

Run 4608 quartetwise, Sums



Cycle 1, Asyms

Entries: 3559

Mean: 0.0005 +/- 0.0004

Std Dev: 0.0223 +/- 0.0003

Entries: 4582

Mean: 0.0152 +/- 0.0005

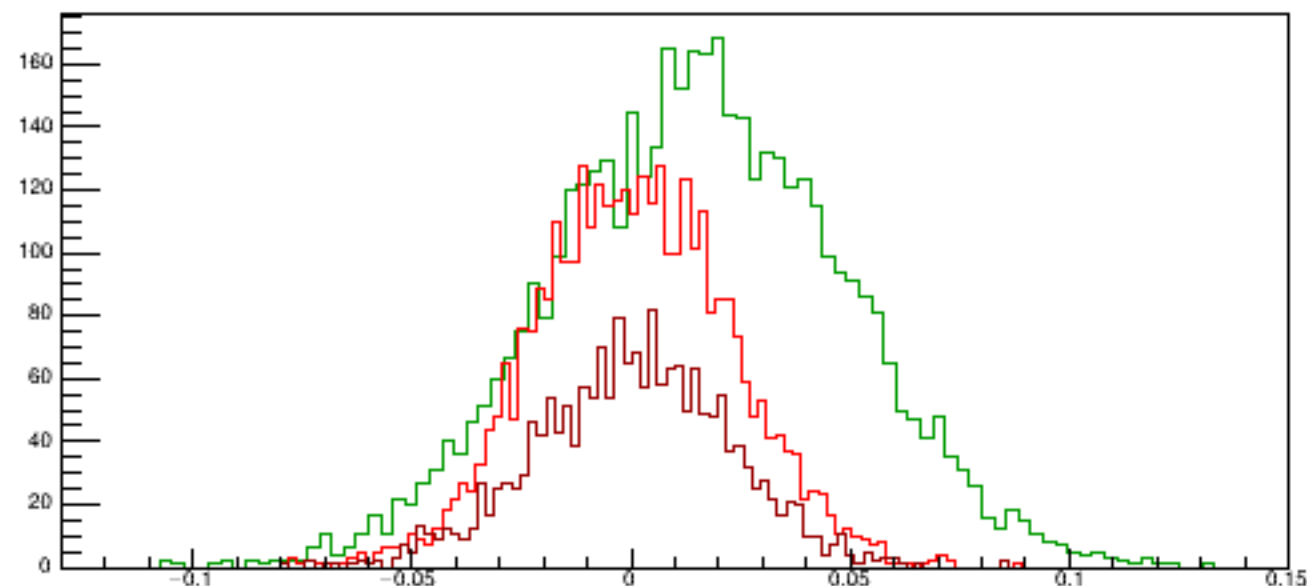
Std Dev: 0.0333 +/- 0.0003

Entries: 1869

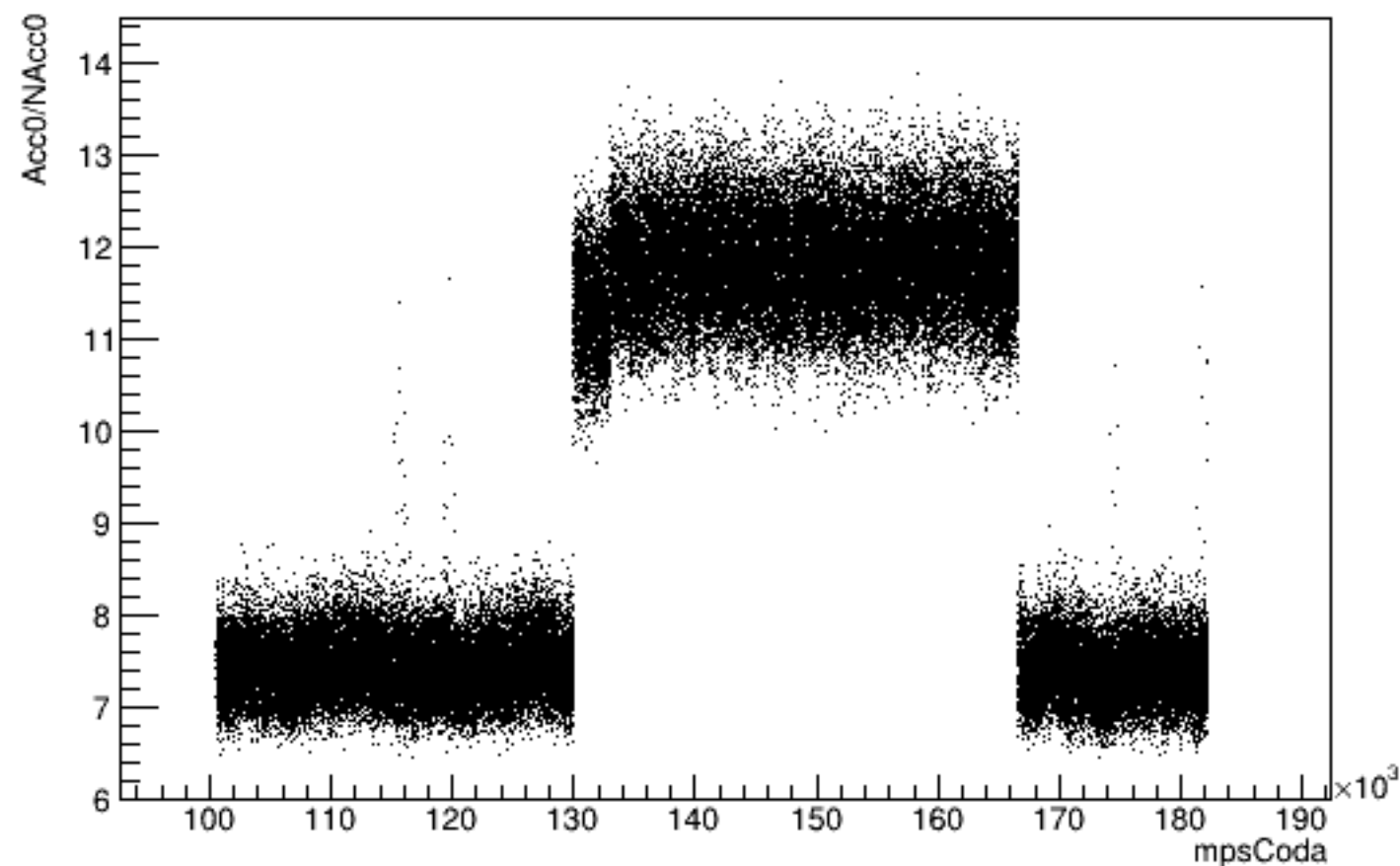
Mean: 0.0005 +/- 0.0005

Std Dev: 0.0222 +/- 0.0004

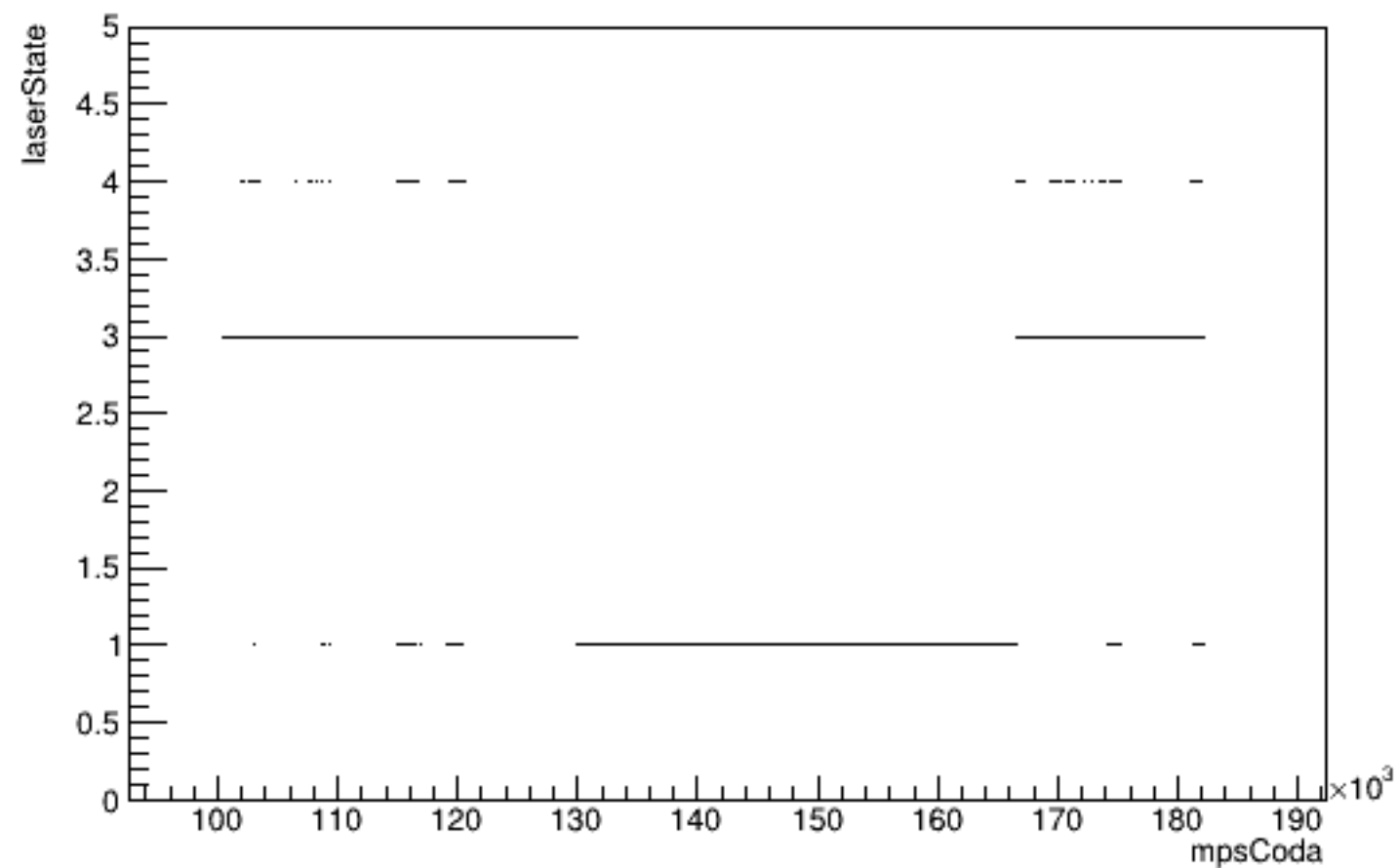
Run 4608 quartetwise, Asyms



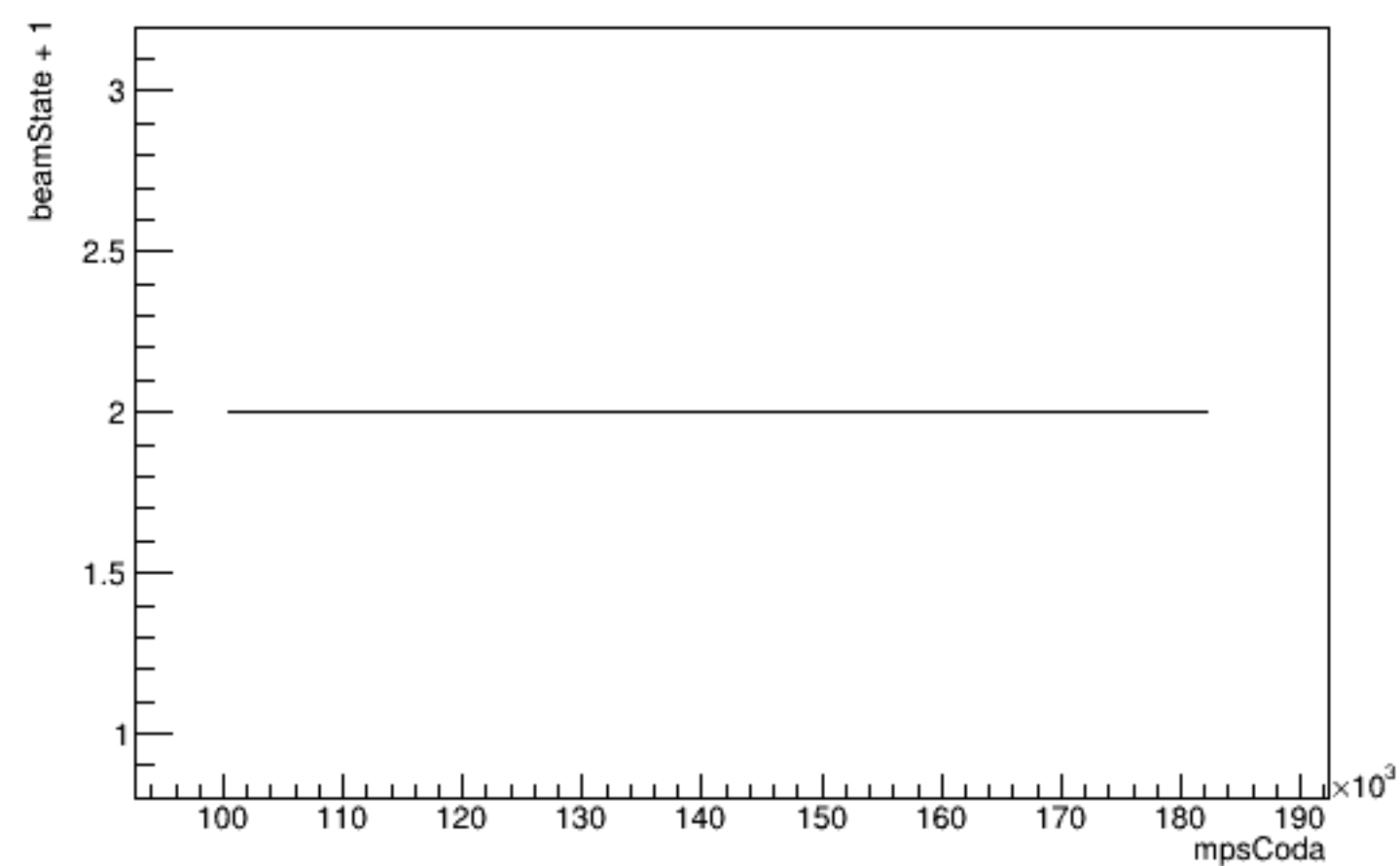
Acc0/NAcc0:mpsCoda {mpsCoda>=100527 && mpsCoda<=182222 && beamState==1}



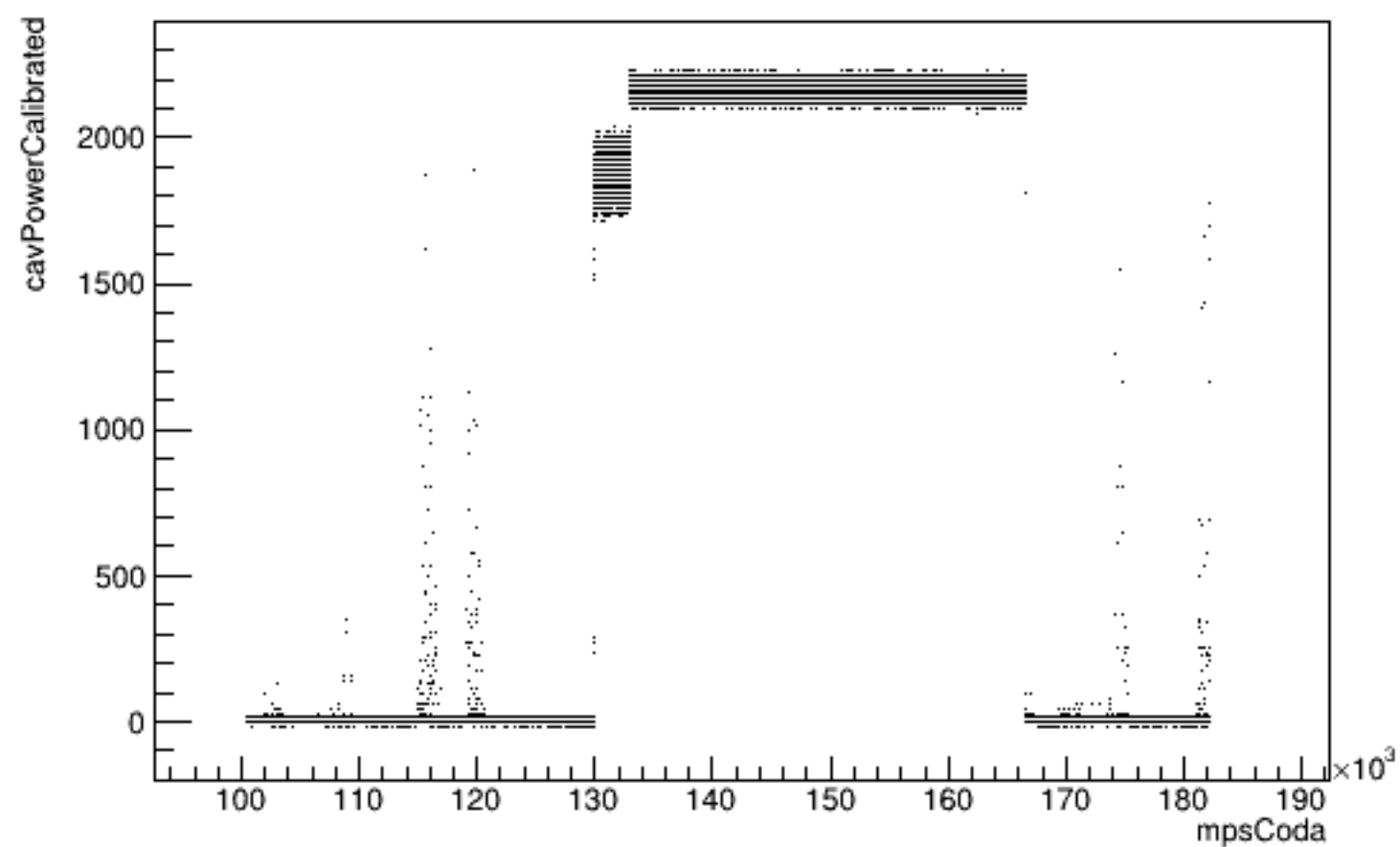
laserState:mpsCoda {mpsCoda>=100527 && mpsCoda<=182222}



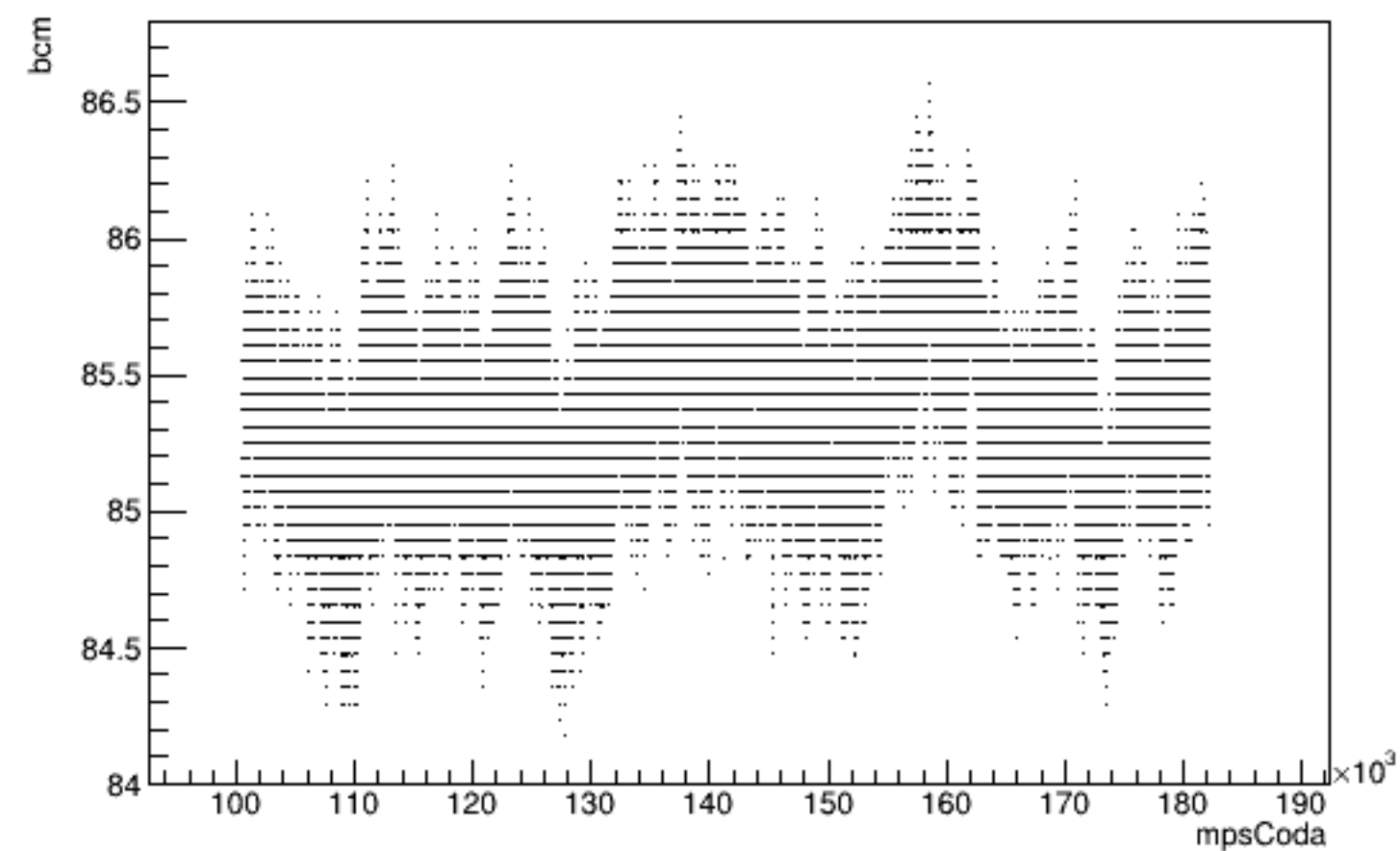
beamState + 1:mpsCoda {mpsCoda>=100527 && mpsCoda<=182222}



cavPowerCalibrated:mpsCoda {mpsCoda>=100527 && mpsCoda<=182222}



bcm:mpsCoda {mpsCoda>=100527 && mpsCoda<=182222}



Cycle 2, Diffs

Entries: 2033

Mean: 0.0090 +/- 0.0043

Std Dev: 0.1955 +/- 0.0031

Entries: 4620

Mean: 0.1350 +/- 0.0043

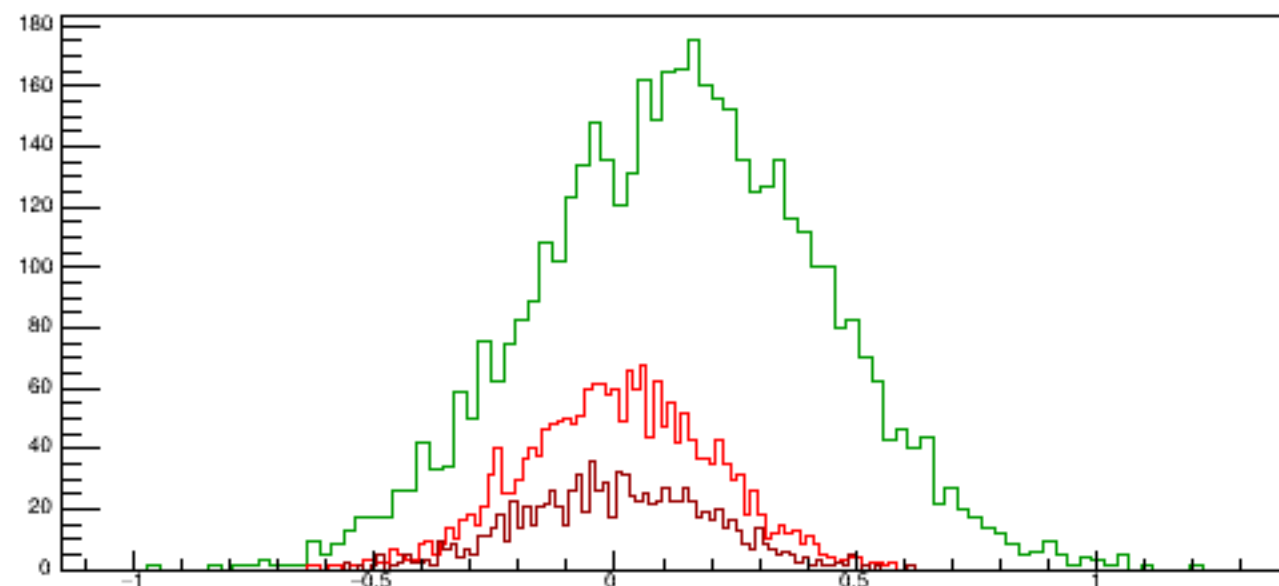
Std Dev: 0.2943 +/- 0.0031

Entries: 991

Mean: 0.0020 +/- 0.0062

Std Dev: 0.1947 +/- 0.0044

Run 4608 quartetwise, Diffs



Cycle 2, Sums

Entries: 2033

Mean: 14.6645 +/- 0.0054

Std Dev: 0.2427 +/- 0.0038

Entries: 4620

Mean: 23.4201 +/- 0.0072

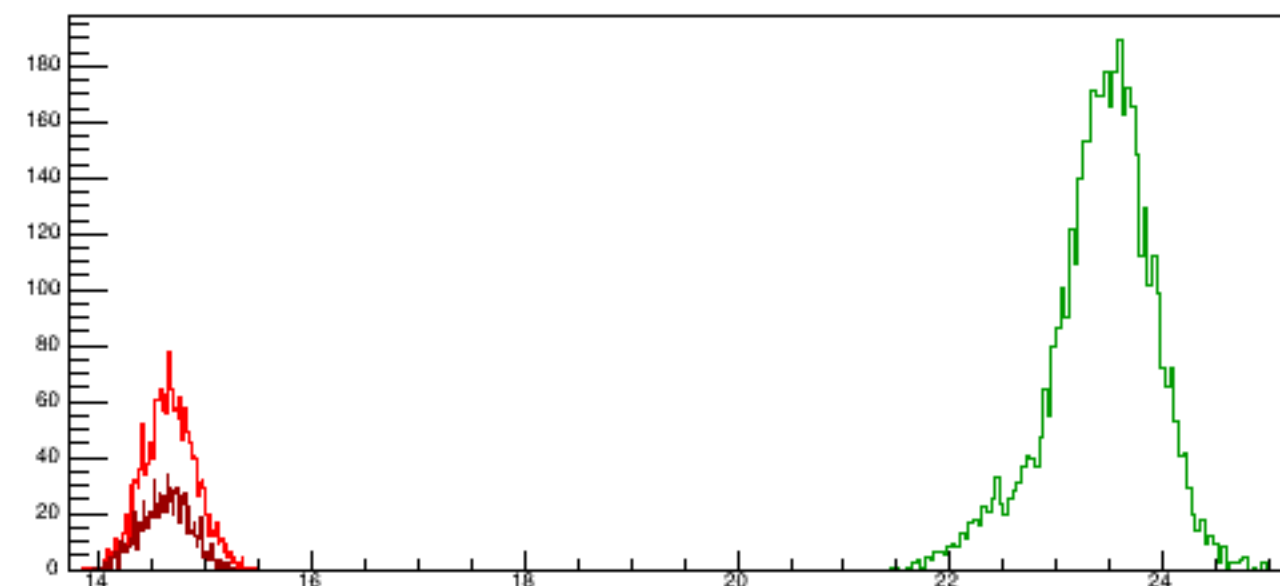
Std Dev: 0.4890 +/- 0.0051

Entries: 991

Mean: 14.6253 +/- 0.0074

Std Dev: 0.2314 +/- 0.0052

Run 4608 quartetwise, Sums



Cycle 2, Asyms

Entries: 2033

Mean: 0.0010 +/- 0.0005

Std Dev: 0.0223 +/- 0.0003

Entries: 4620

Mean: 0.0154 +/- 0.0005

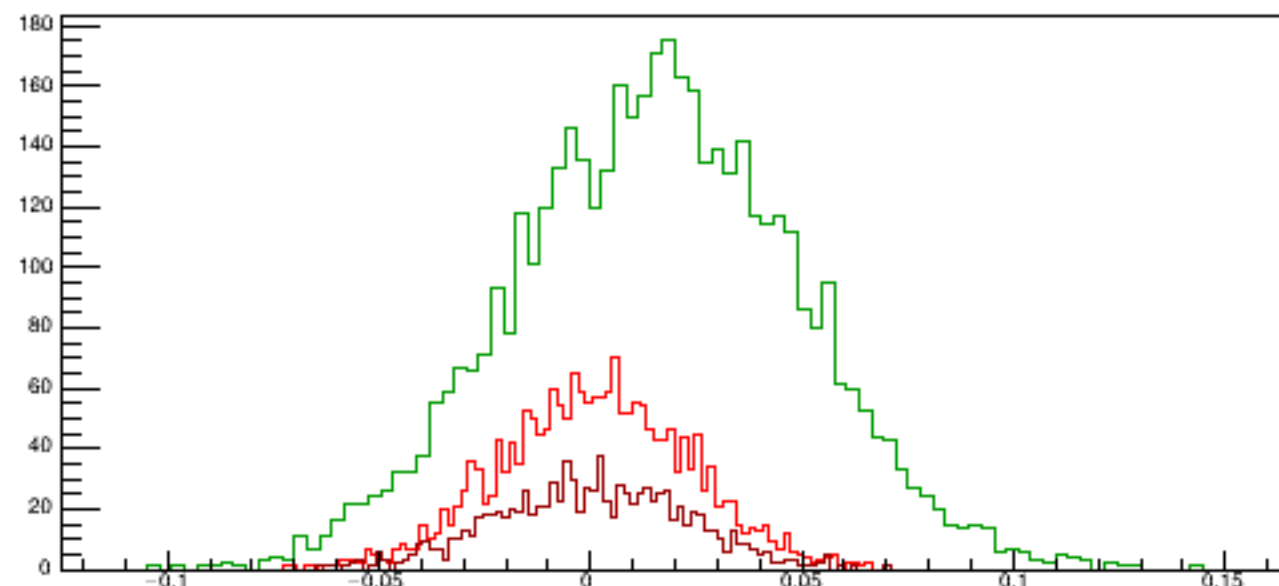
Std Dev: 0.0336 +/- 0.0004

Entries: 991

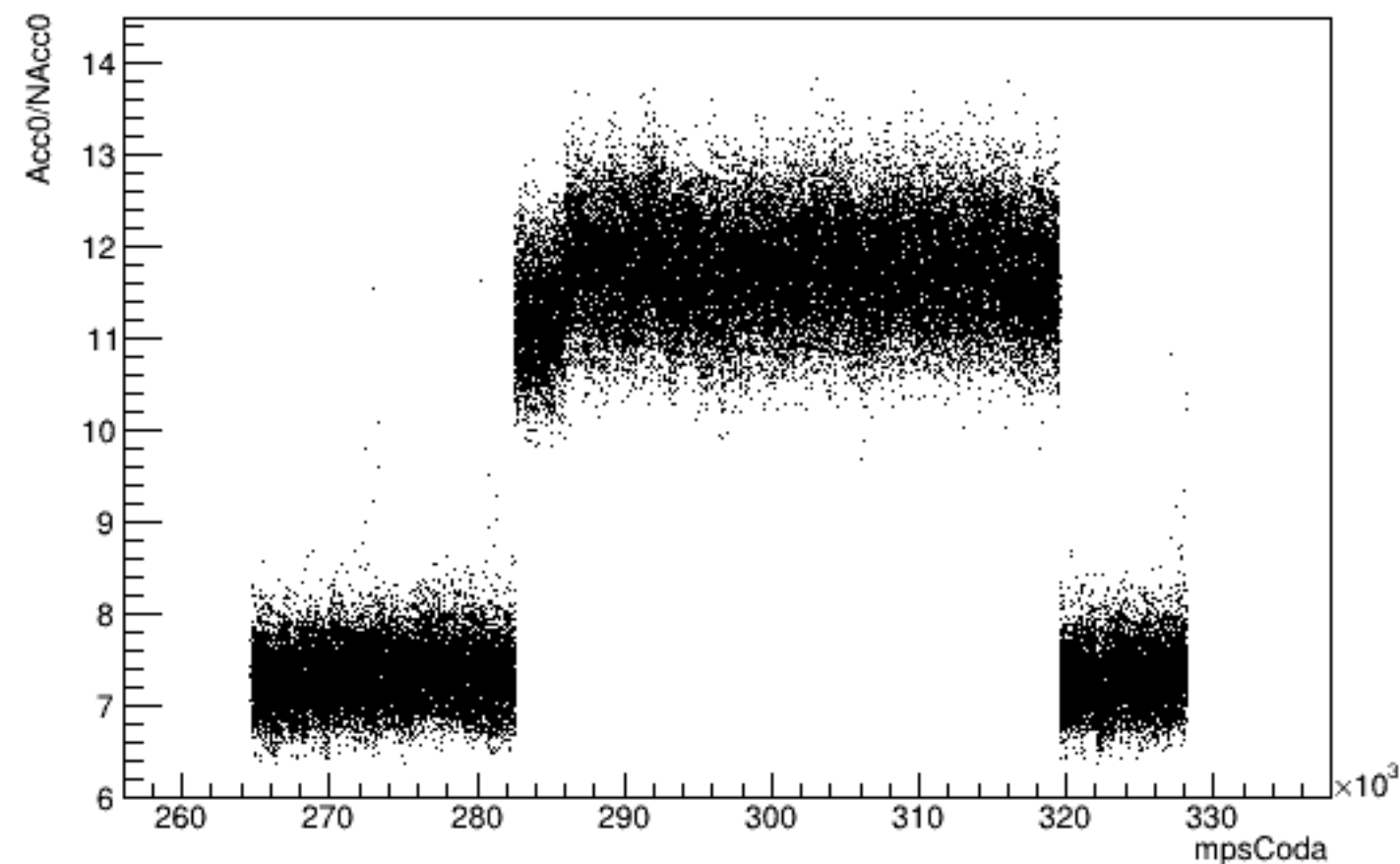
Mean: 0.0002 +/- 0.0007

Std Dev: 0.0222 +/- 0.0005

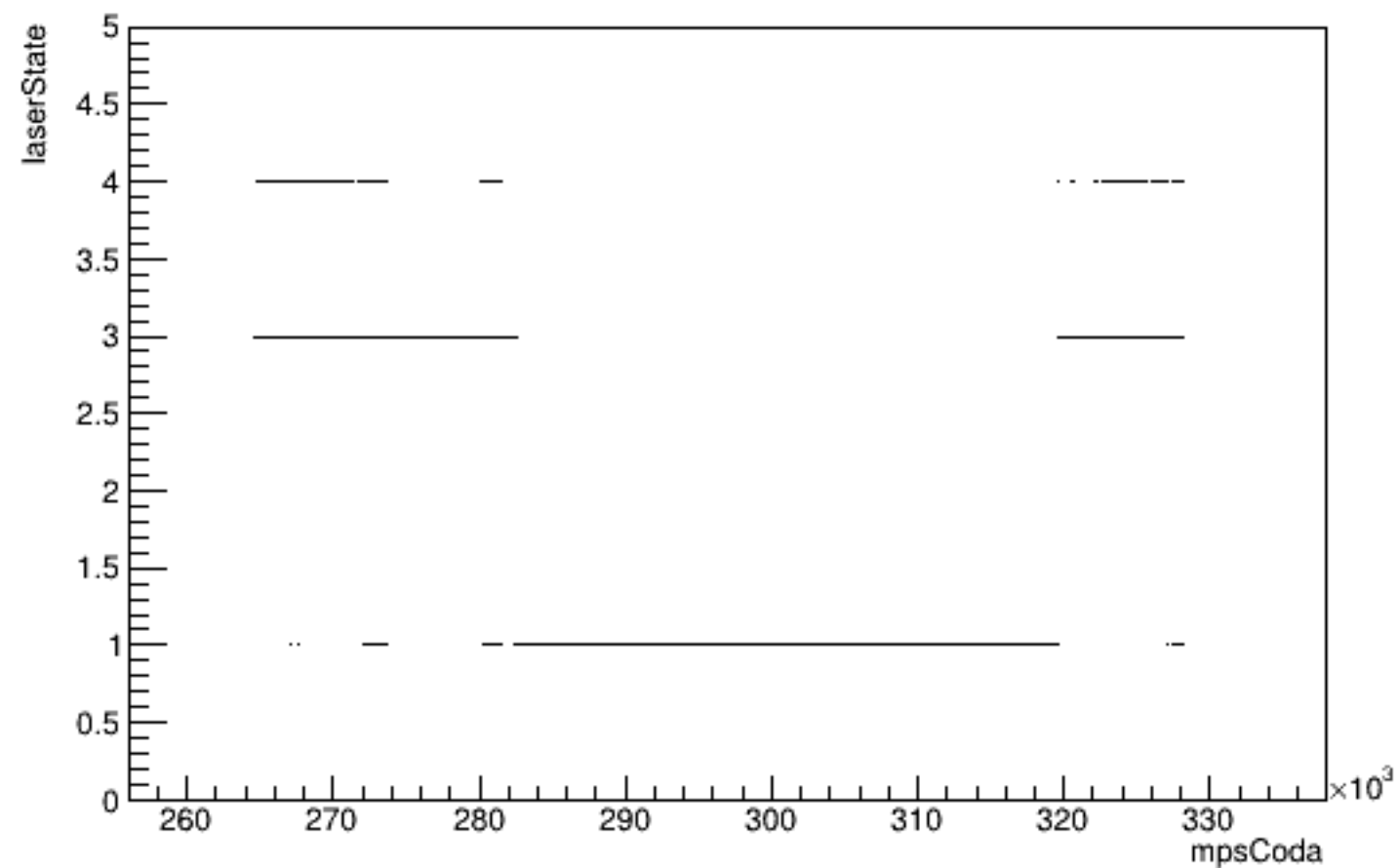
Run 4608 quartetwise, Asyms



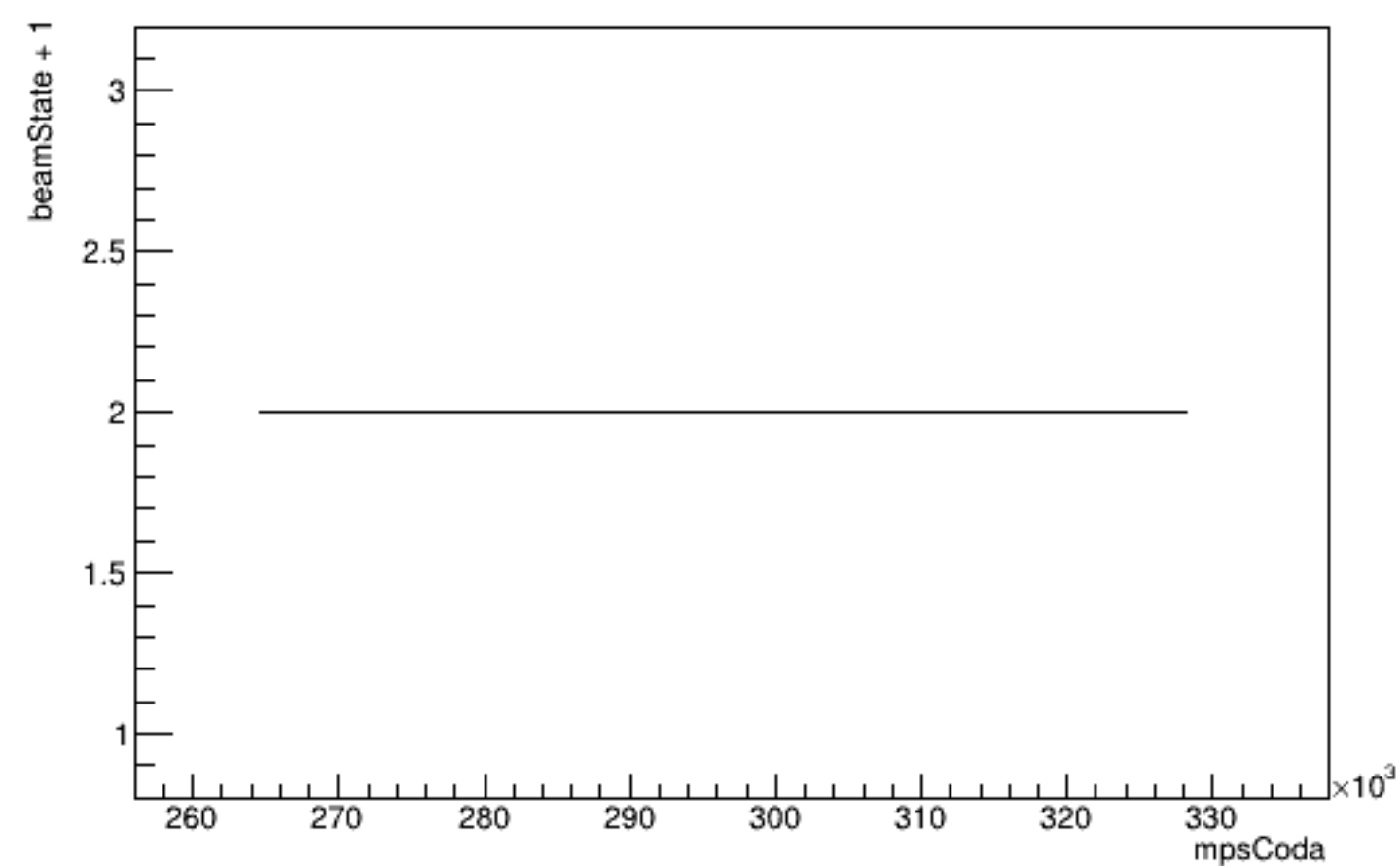
Acc0/NAcc0:mpsCoda {mpsCoda>=264679 && mpsCoda<=328182 && beamState==1}



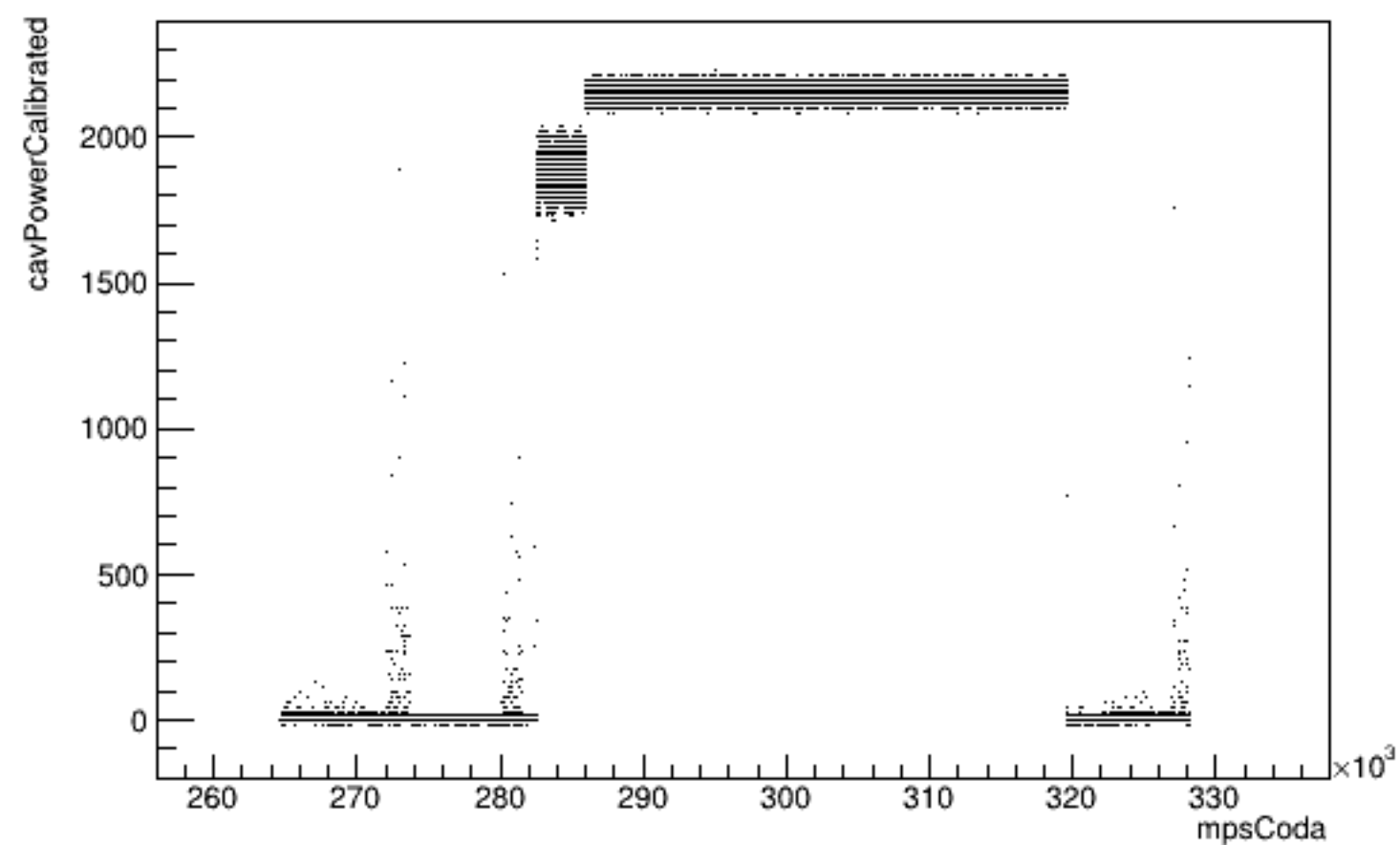
laserState:mpsCoda {mpsCoda>=264679 && mpsCoda<=328182}



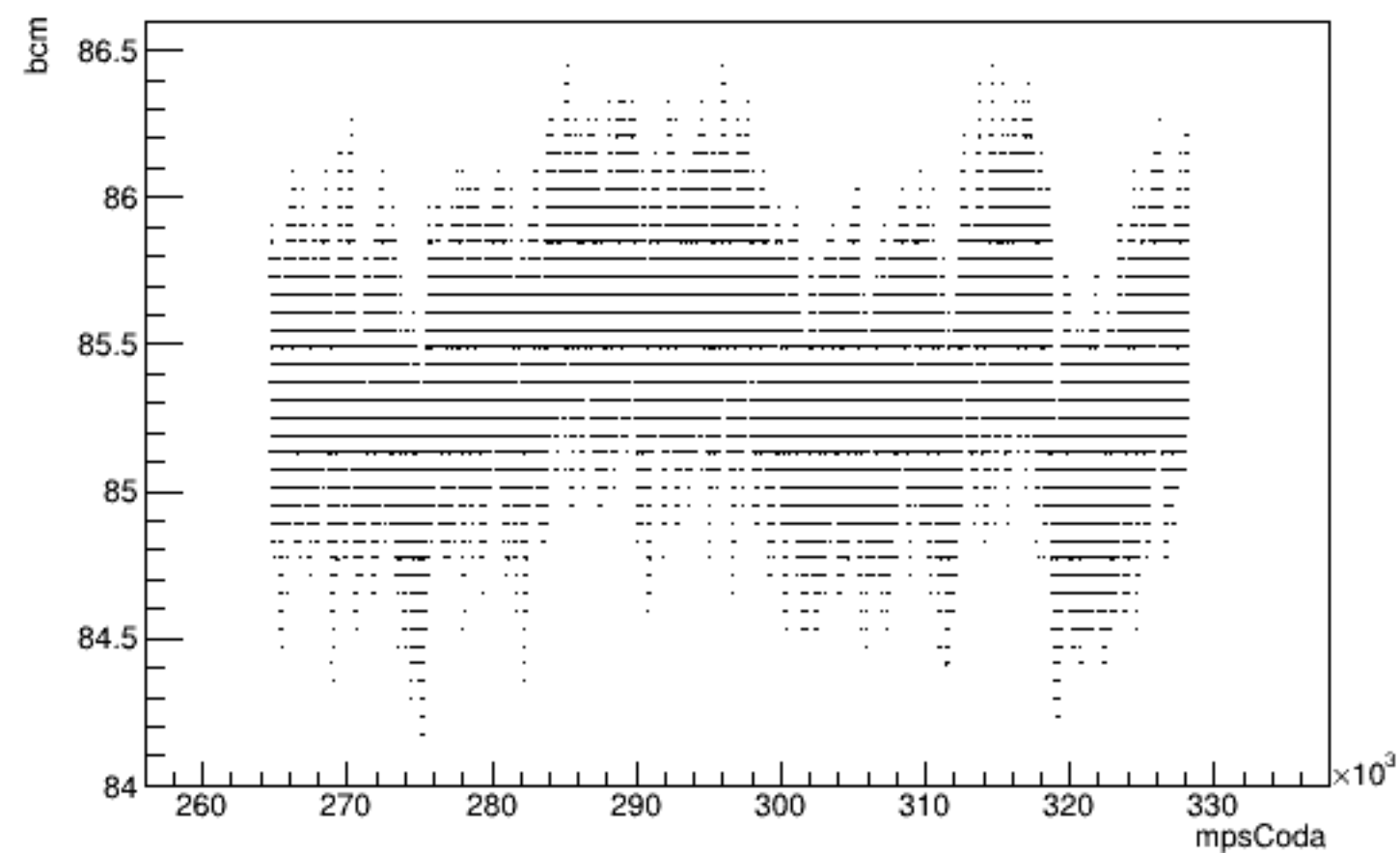
beamState + 1:mpsCoda {mpsCoda>=264679 && mpsCoda<=328182}



cavPowerCalibrated:mpsCoda {mpsCoda>=264679 && mpsCoda<=328182}



bcm:mpsCoda {mpsCoda>=264679 && mpsCoda<=328182}



Cycle 3, Diffs

Entries: 991

Mean: 0.0020 +/- 0.0062

Std Dev: 0.1947 +/- 0.0044

Entries: 4683

Mean: 0.1414 +/- 0.0042

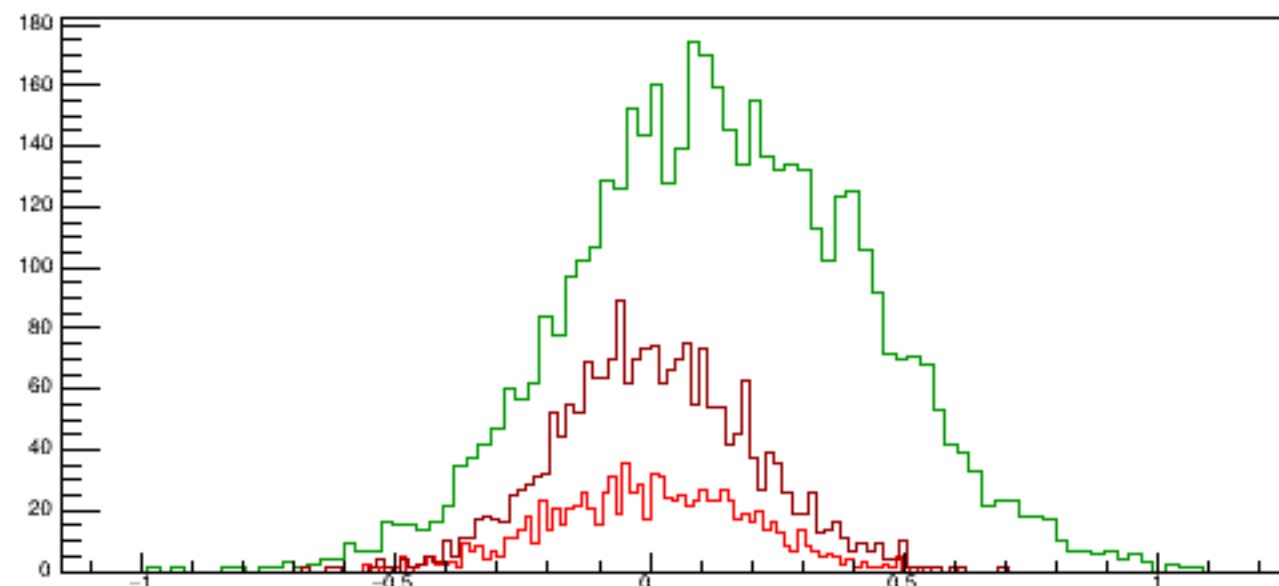
Std Dev: 0.2880 +/- 0.0030

Entries: 2110

Mean: 0.0103 +/- 0.0042

Std Dev: 0.1919 +/- 0.0030

Run 4608 quartetwise, Diffs



Cycle 3, Sums

Entries: 991

Mean: 14.6253 +/- 0.0074

Std Dev: 0.2314 +/- 0.0052

Entries: 4683

Mean: 23.3173 +/- 0.0066

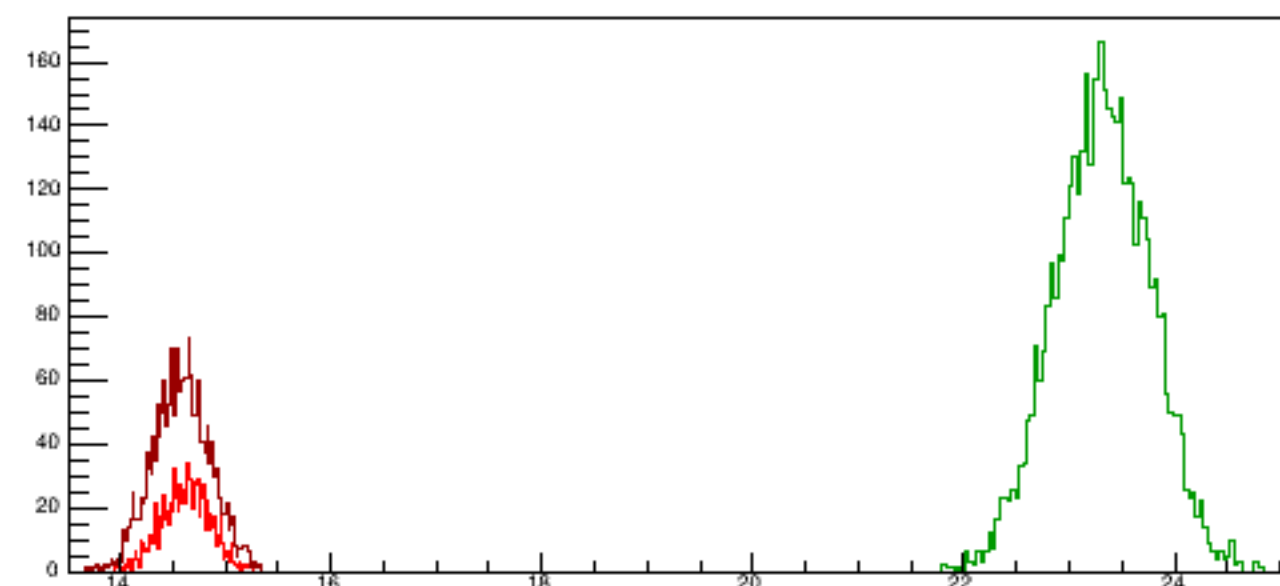
Std Dev: 0.4495 +/- 0.0046

Entries: 2110

Mean: 14.5838 +/- 0.0058

Std Dev: 0.2682 +/- 0.0041

Run 4608 quartetwise, Sums



Cycle 3, Asyms

Entries: 991

Mean: 0.0002 +/- 0.0007

Std Dev: 0.0223 +/- 0.0005

Entries: 4683

Mean: 0.0162 +/- 0.0005

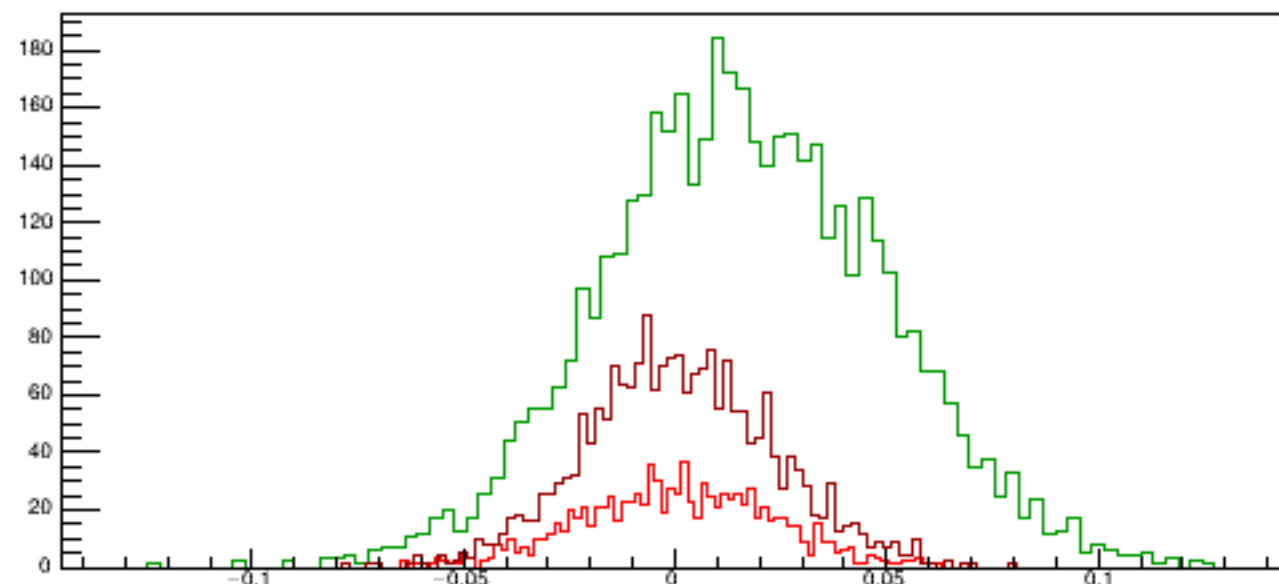
Std Dev: 0.0332 +/- 0.0003

Entries: 2110

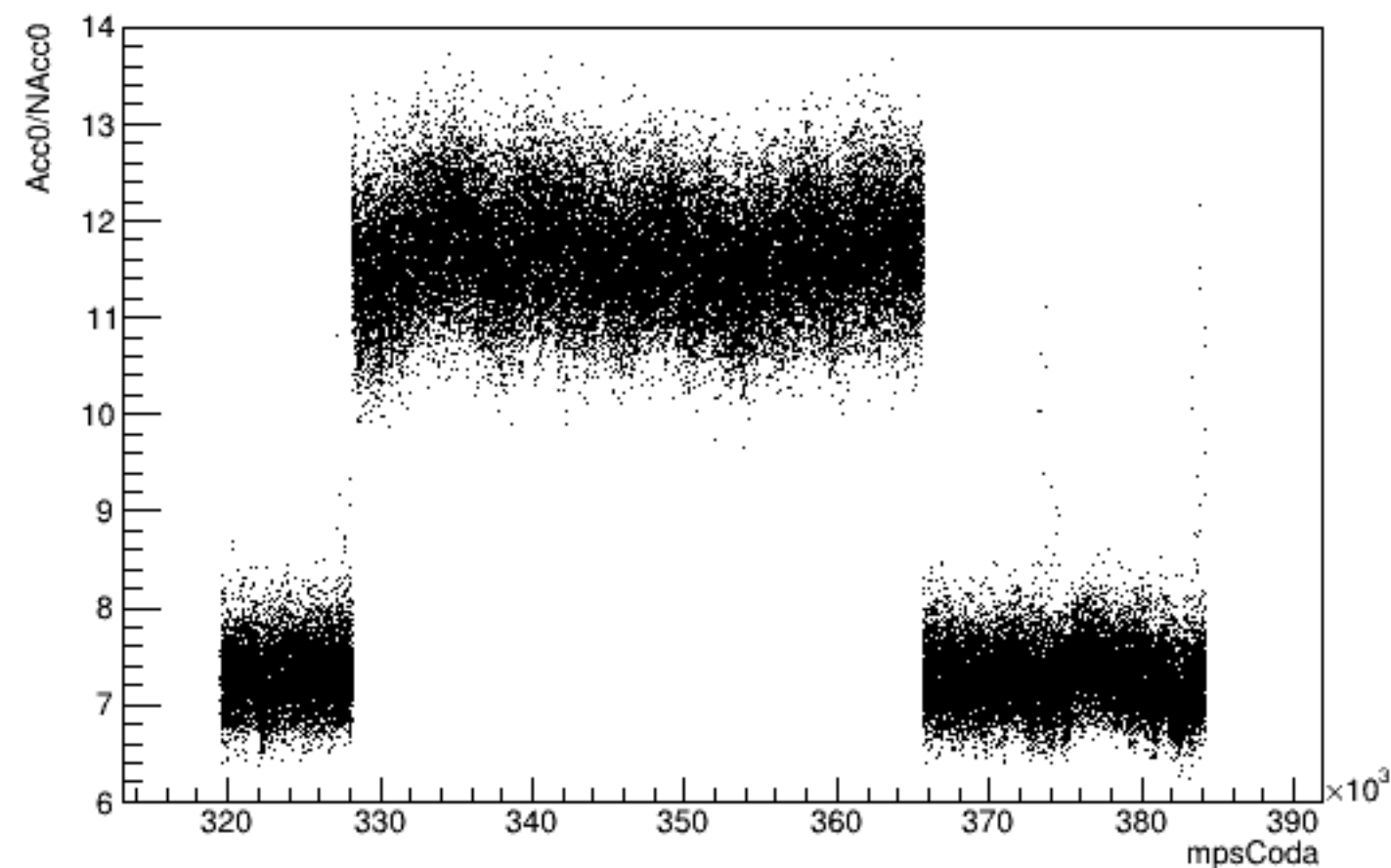
Mean: 0.0012 +/- 0.0005

Std Dev: 0.0220 +/- 0.0003

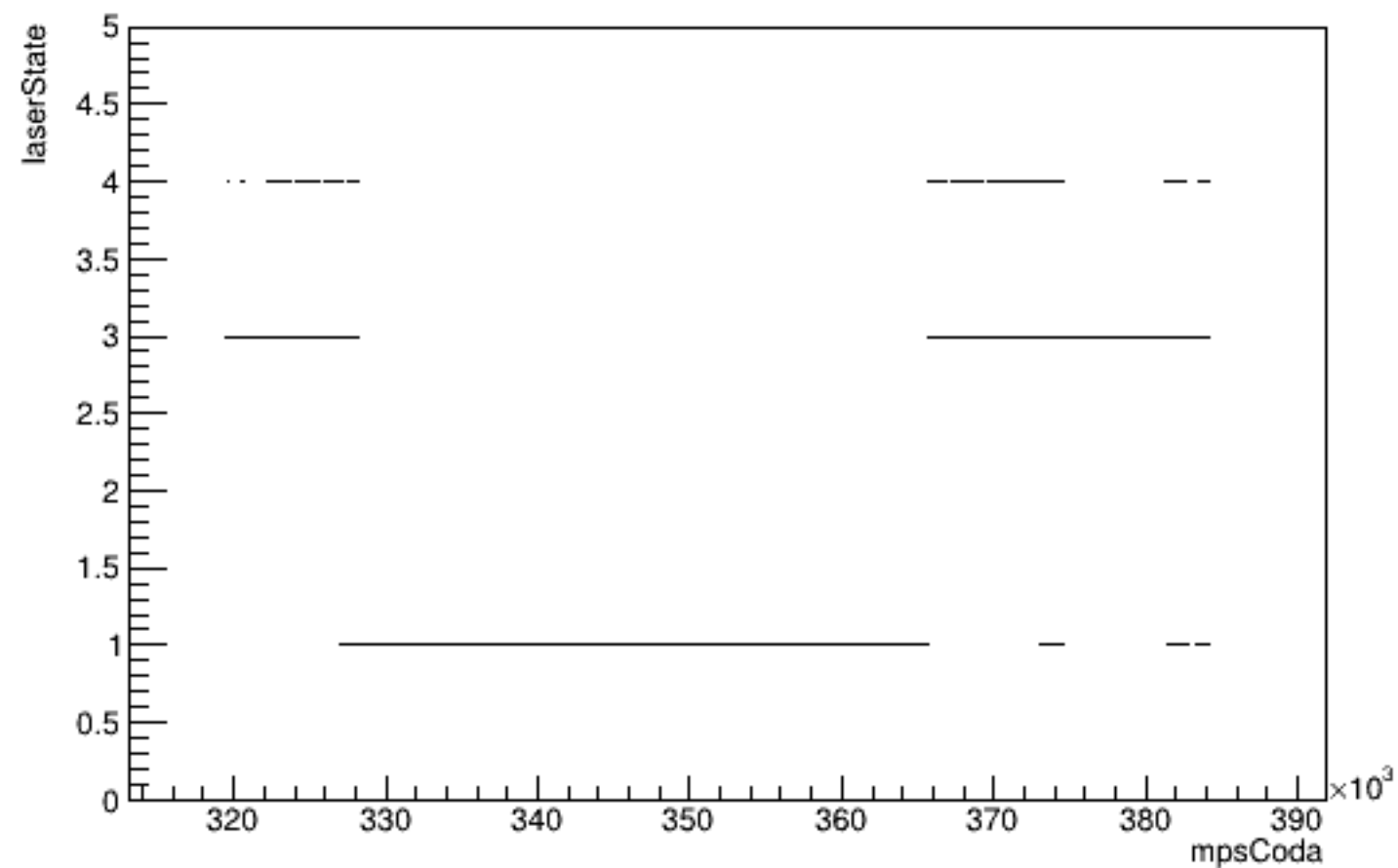
Run 4608 quartetwise, Asyms



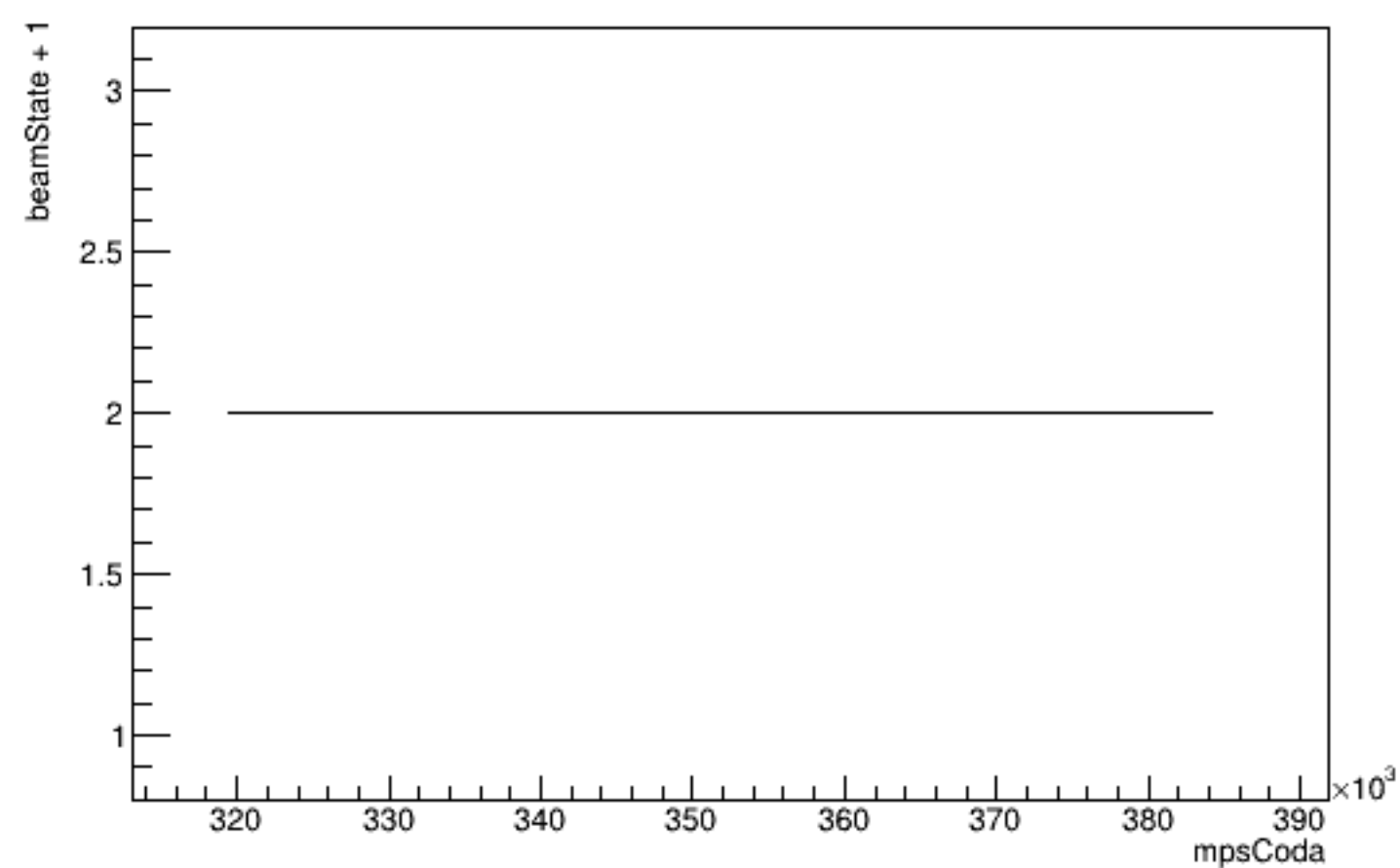
Acc0/NAcc0:mpsCoda {mpsCoda>=319535 && mpsCoda<=384174 && beamState==1}



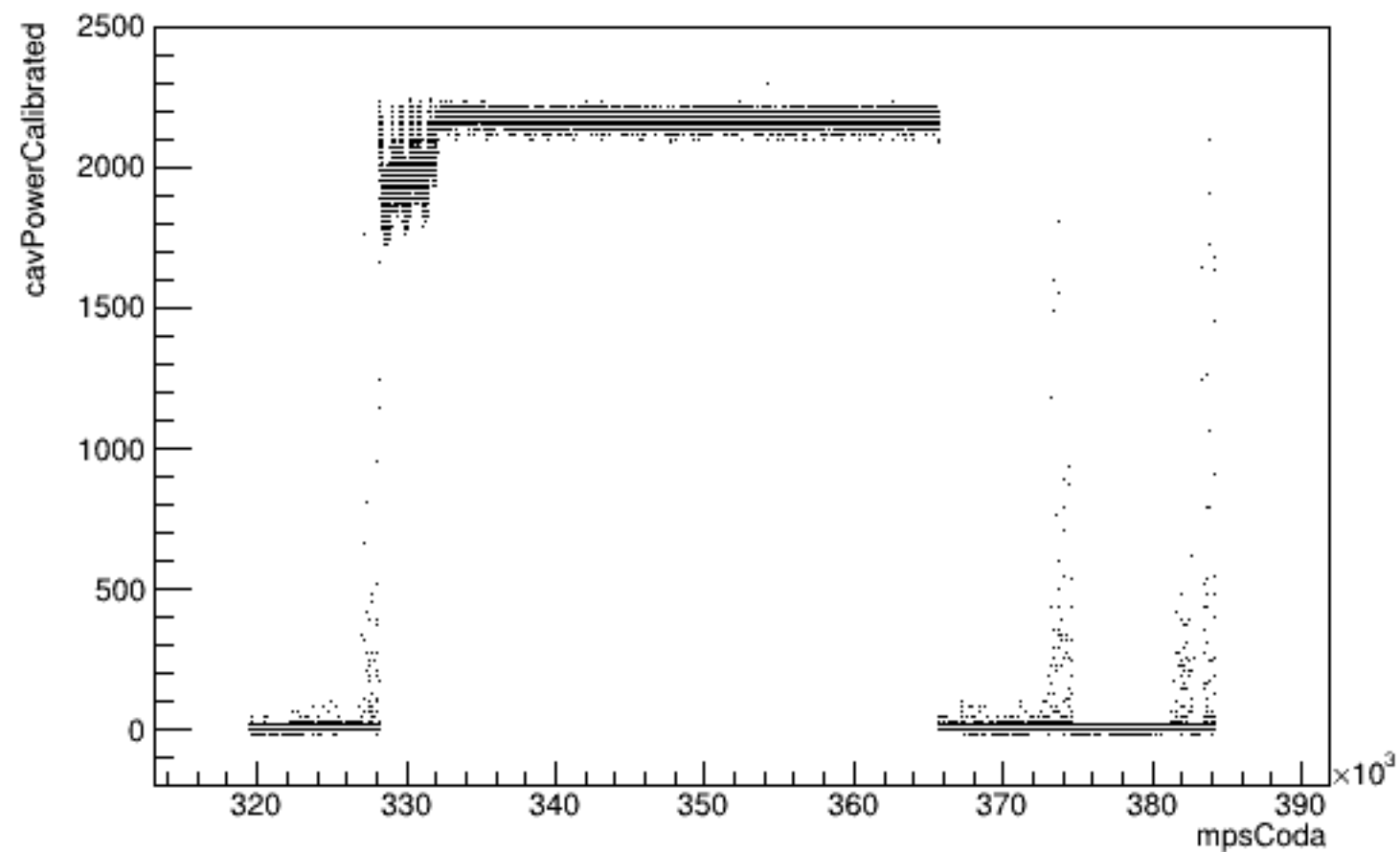
laserState:mpsCoda {mpsCoda>=319535 && mpsCoda<=384174}



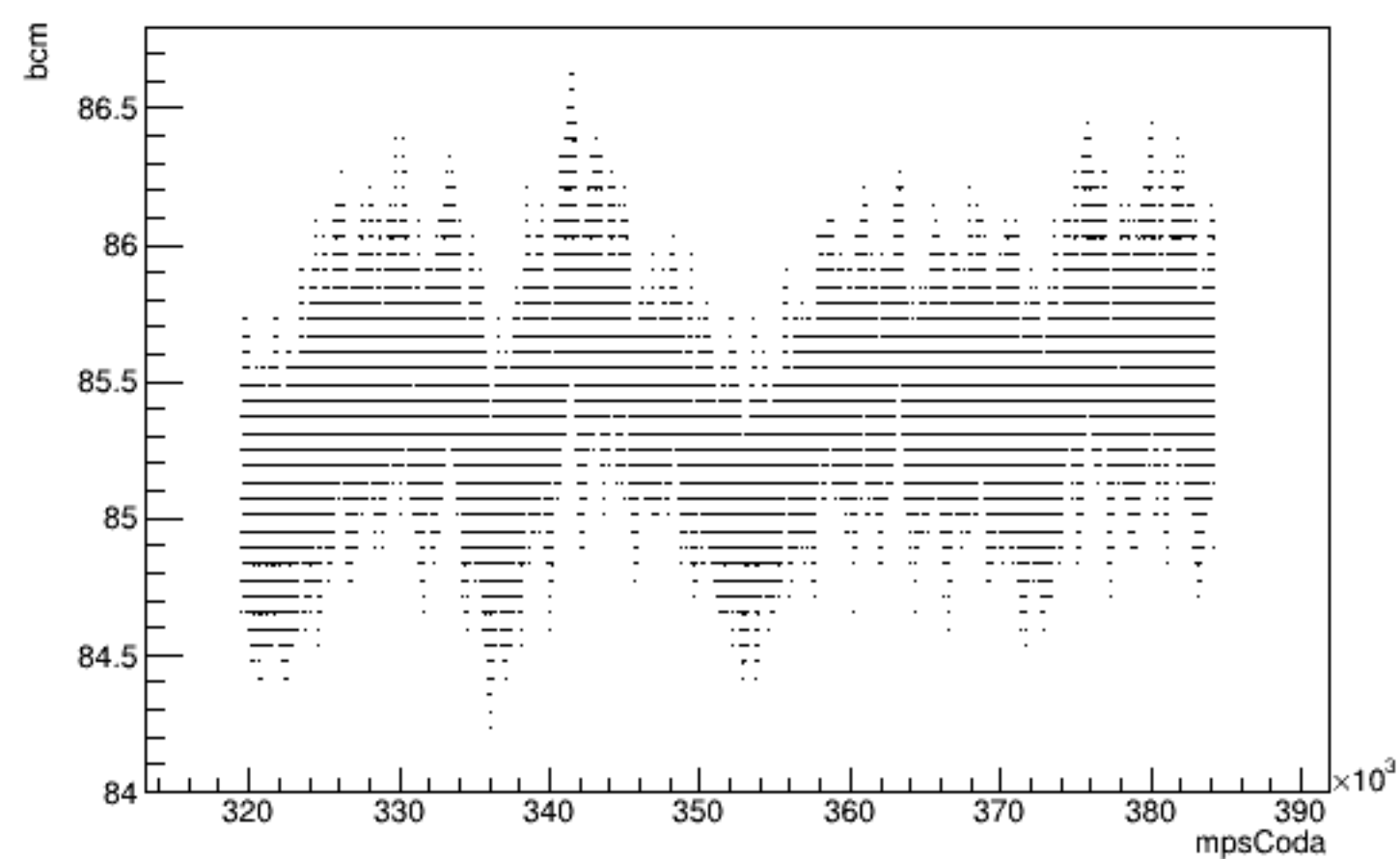
beamState + 1:mpsCoda {mpsCoda>=319535 && mpsCoda<=384174}



cavPowerCalibrated:mpsCoda {mpsCoda>=319535 && mpsCoda<=384174}



bcm:mpsCoda {mpsCoda>=319535 && mpsCoda<=384174}



Cycle 4, Diffs

Entries: 2110

Mean: 0.0103 +/- 0.0042

Std Dev: 0.1919 +/- 0.0030

Entries: 4601

Mean: 0.1292 +/- 0.0043

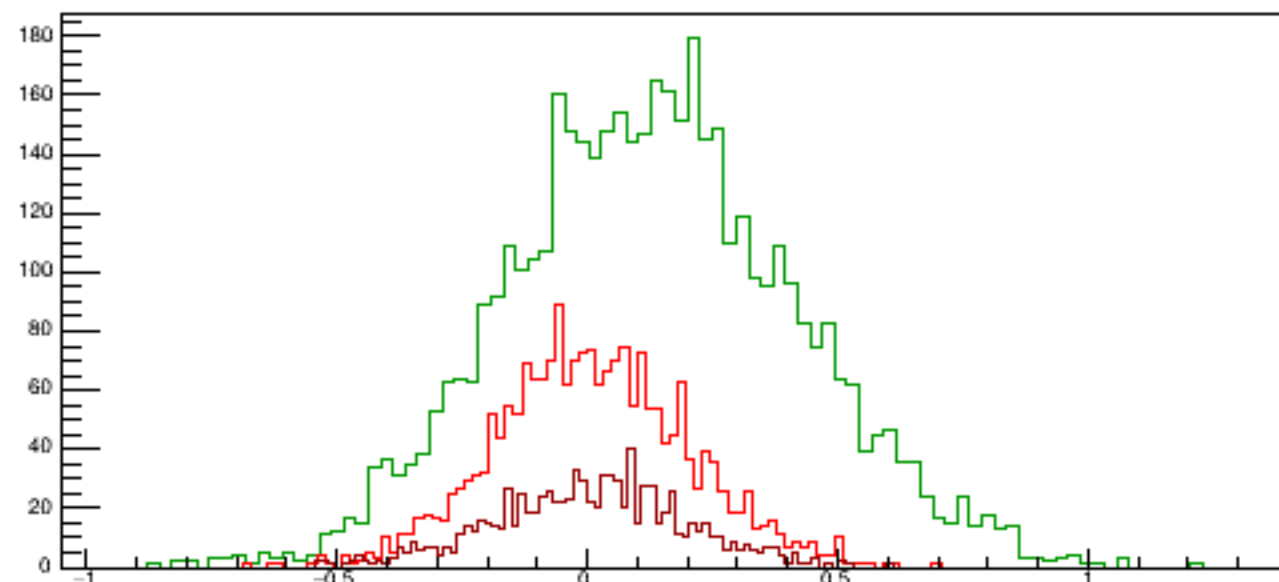
Std Dev: 0.2887 +/- 0.0030

Entries: 937

Mean: 0.0027 +/- 0.0062

Std Dev: 0.1909 +/- 0.0044

Run 4608 quartetwise, Diffs



Cycle 4, Sums

Entries: 2110

Mean: 14.5838 +/- 0.0058

Std Dev: 0.2682 +/- 0.0041

Entries: 4601

Mean: 23.2508 +/- 0.0074

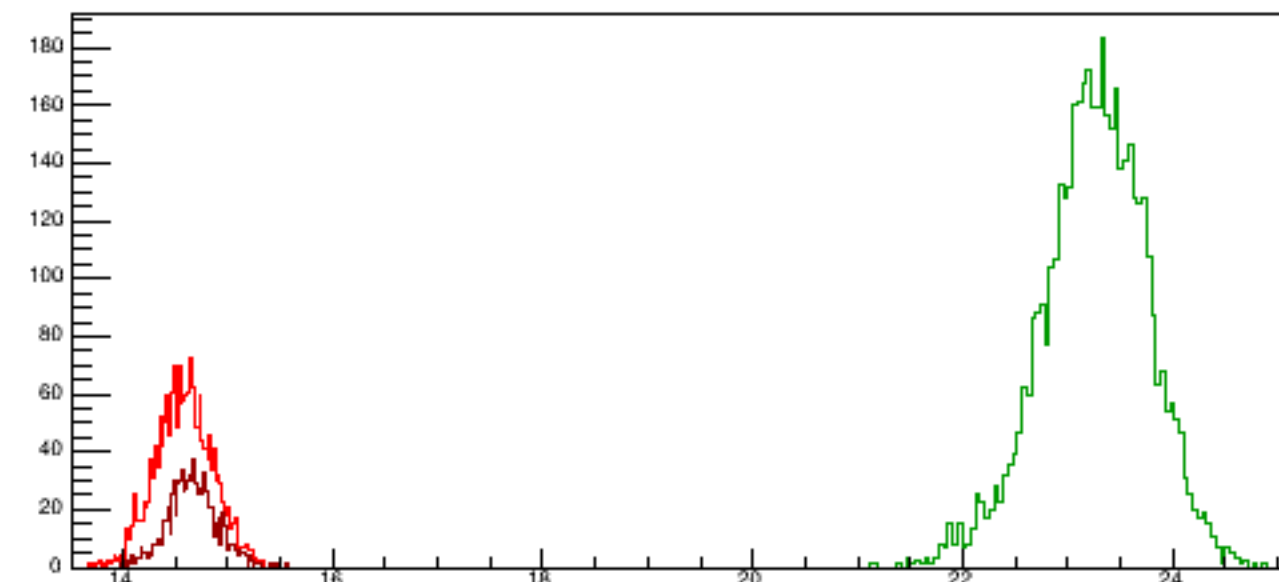
Std Dev: 0.5033 +/- 0.0052

Entries: 937

Mean: 14.6663 +/- 0.0076

Std Dev: 0.2342 +/- 0.0054

Run 4608 quartetwise, Sums



Cycle 4, Asyms

Entries: 2110

Mean: 0.0012 +/- 0.0005

Std Dev: 0.0222 +/- 0.0003

Entries: 4601

Mean: 0.0150 +/- 0.0005

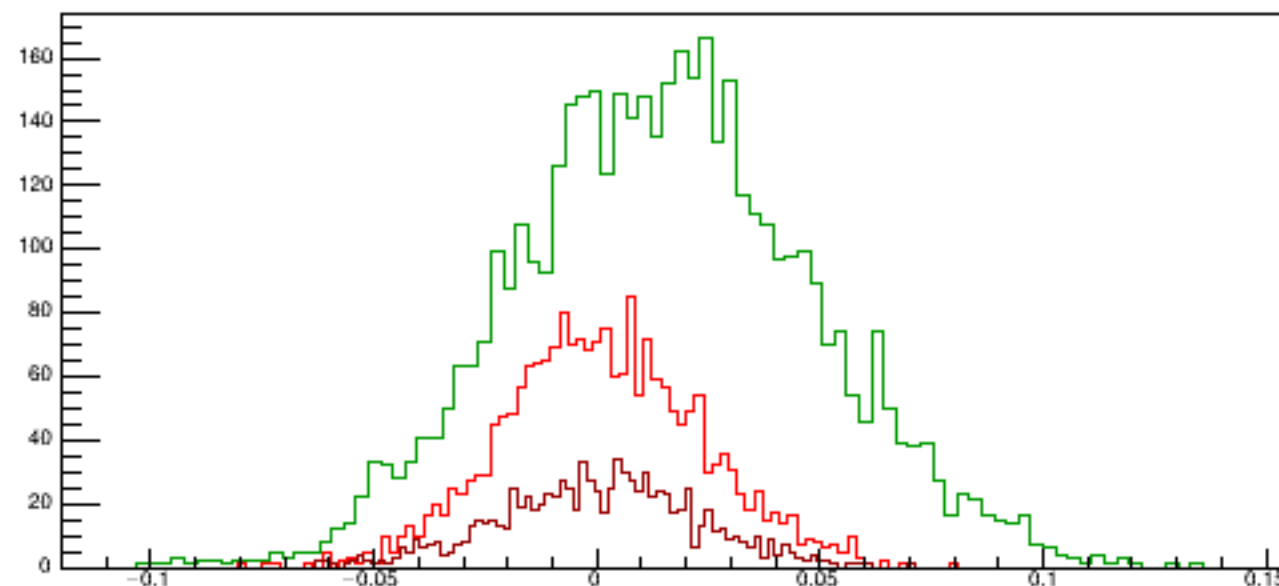
Std Dev: 0.0335 +/- 0.0003

Entries: 937

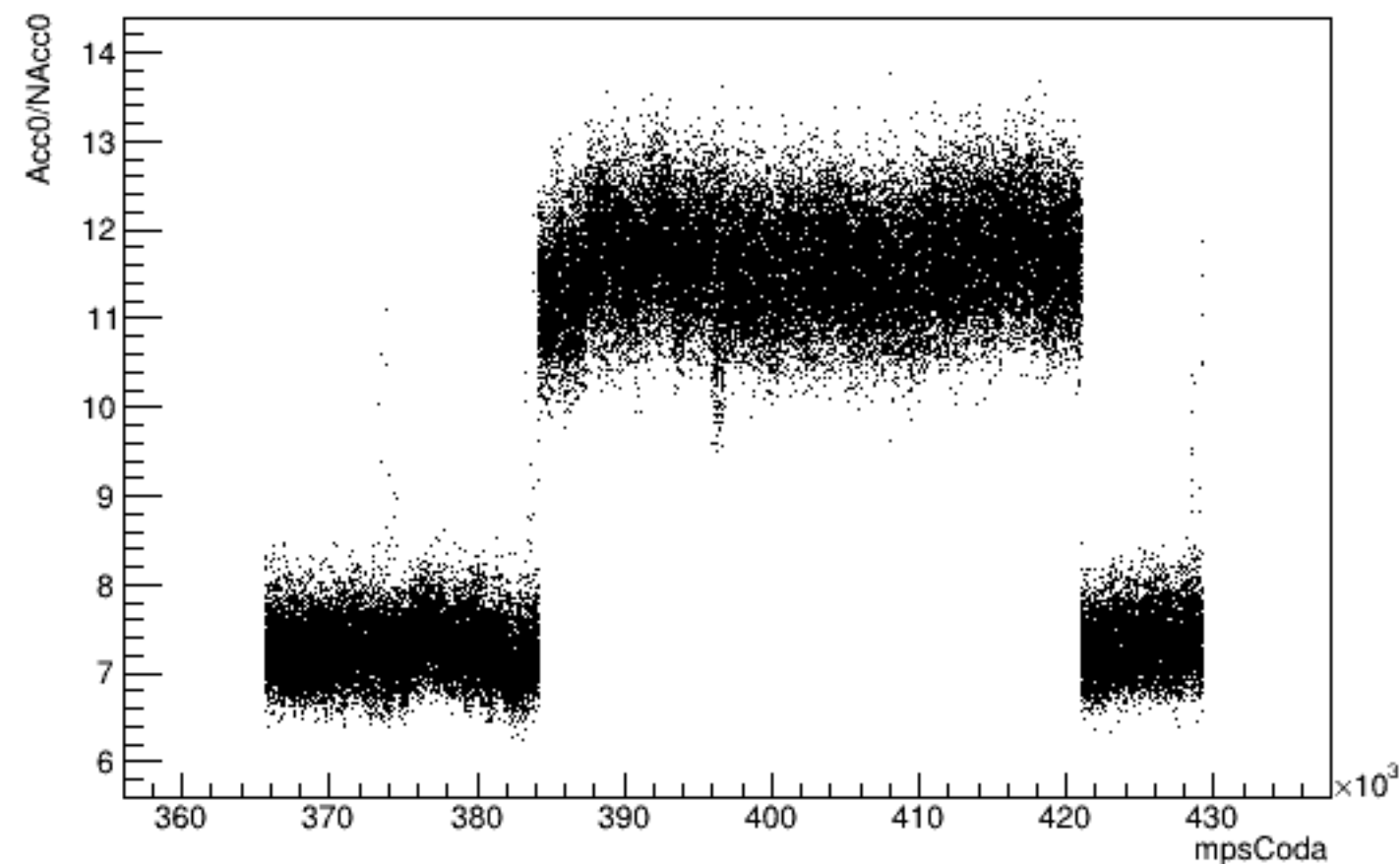
Mean: 0.0003 +/- 0.0007

Std Dev: 0.0221 +/- 0.0005

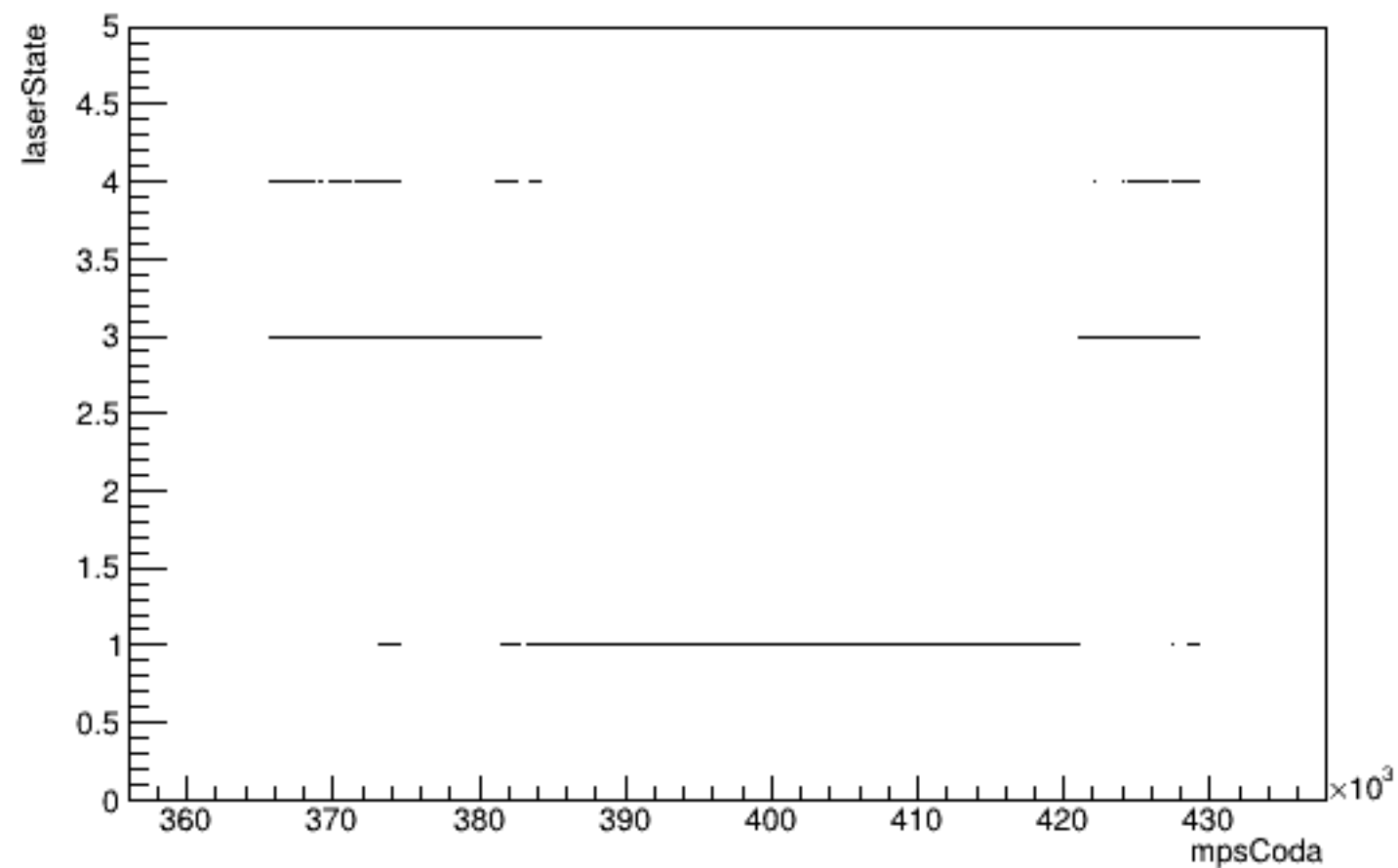
Run 4608 quartetwise, Asyms



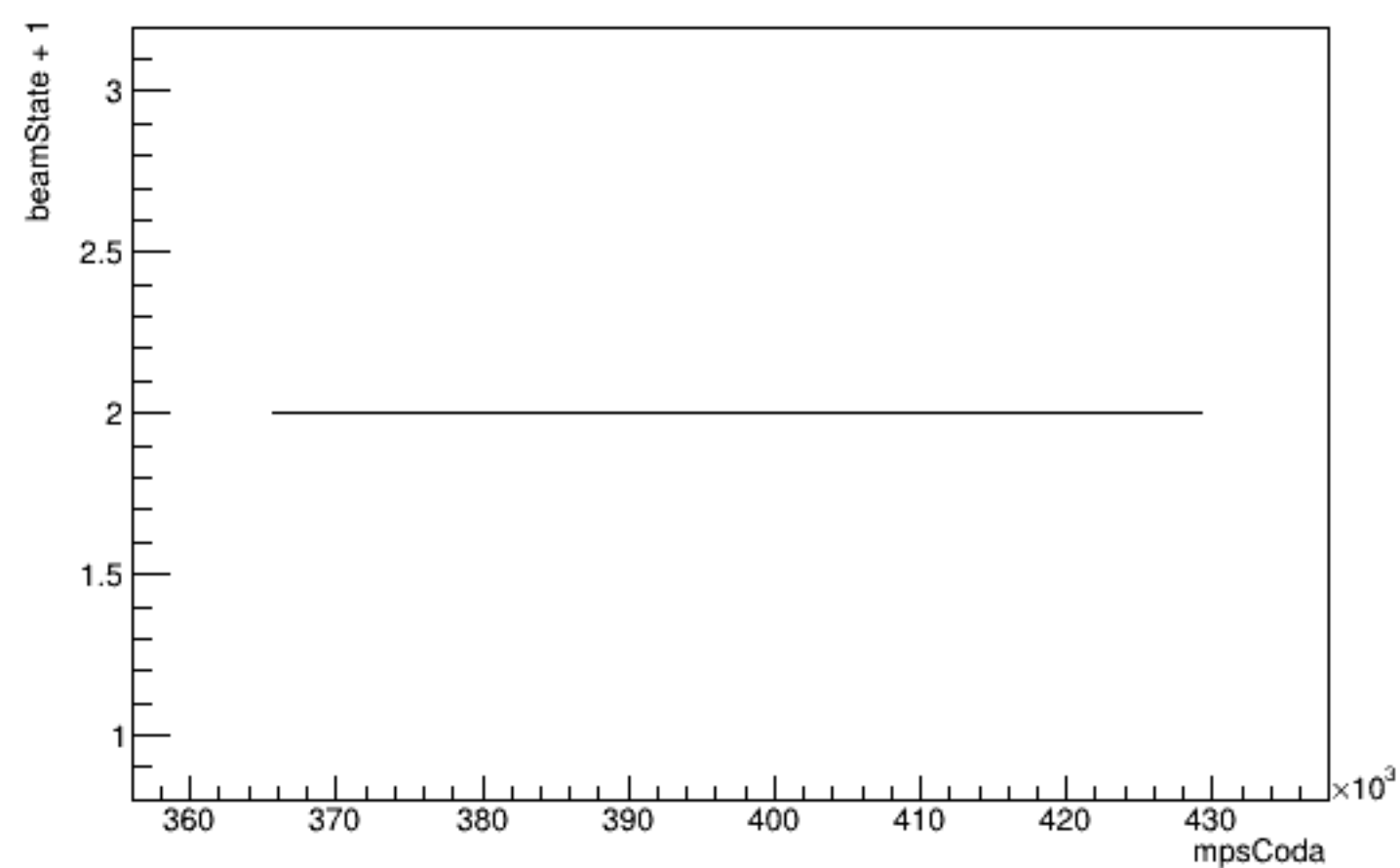
Acc0/NAcc0:mpsCoda {mpsCoda>=365655 && mpsCoda<=429246 && beamState==1}



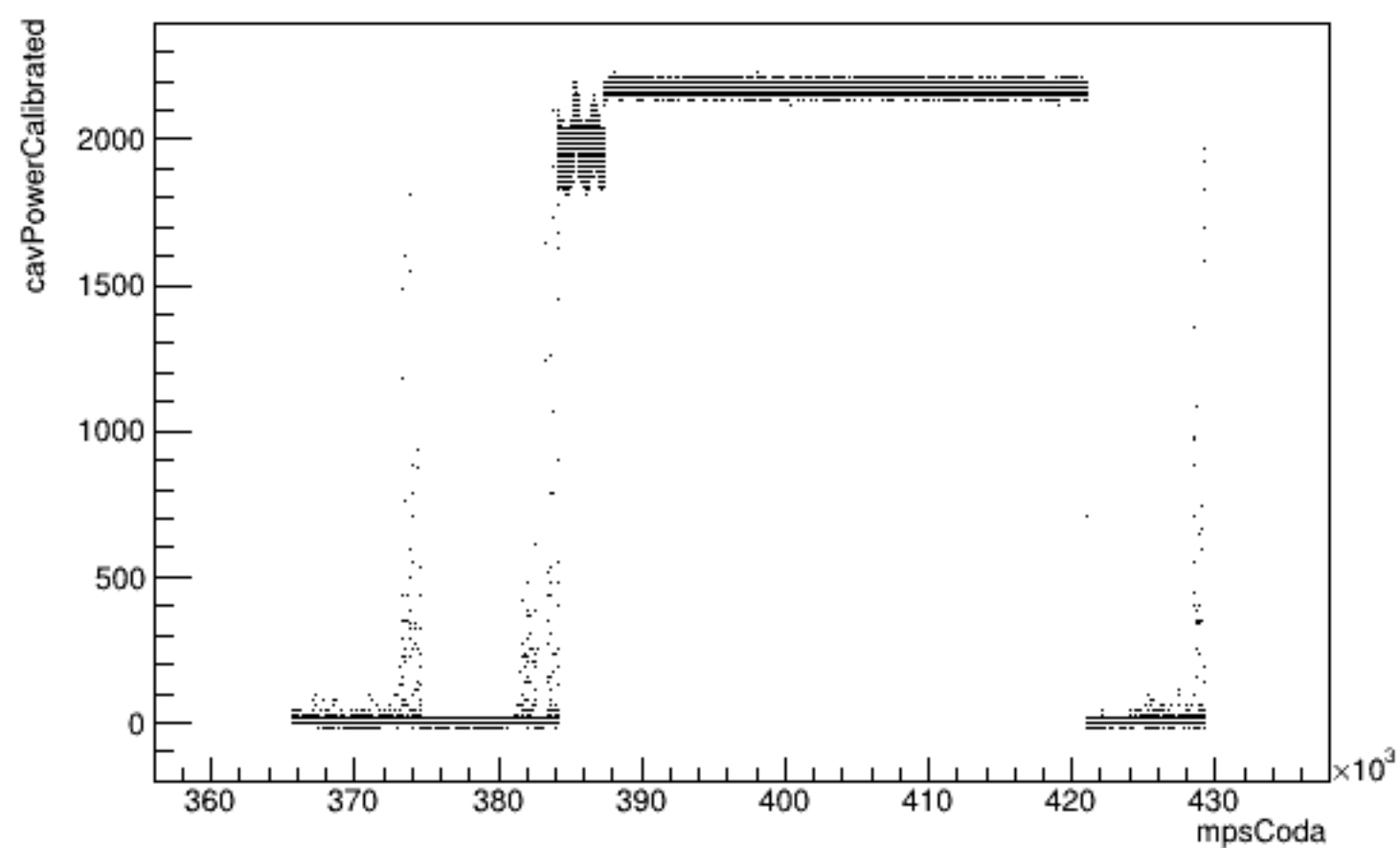
laserState:mpsCoda {mpsCoda>=365655 && mpsCoda<=429246}



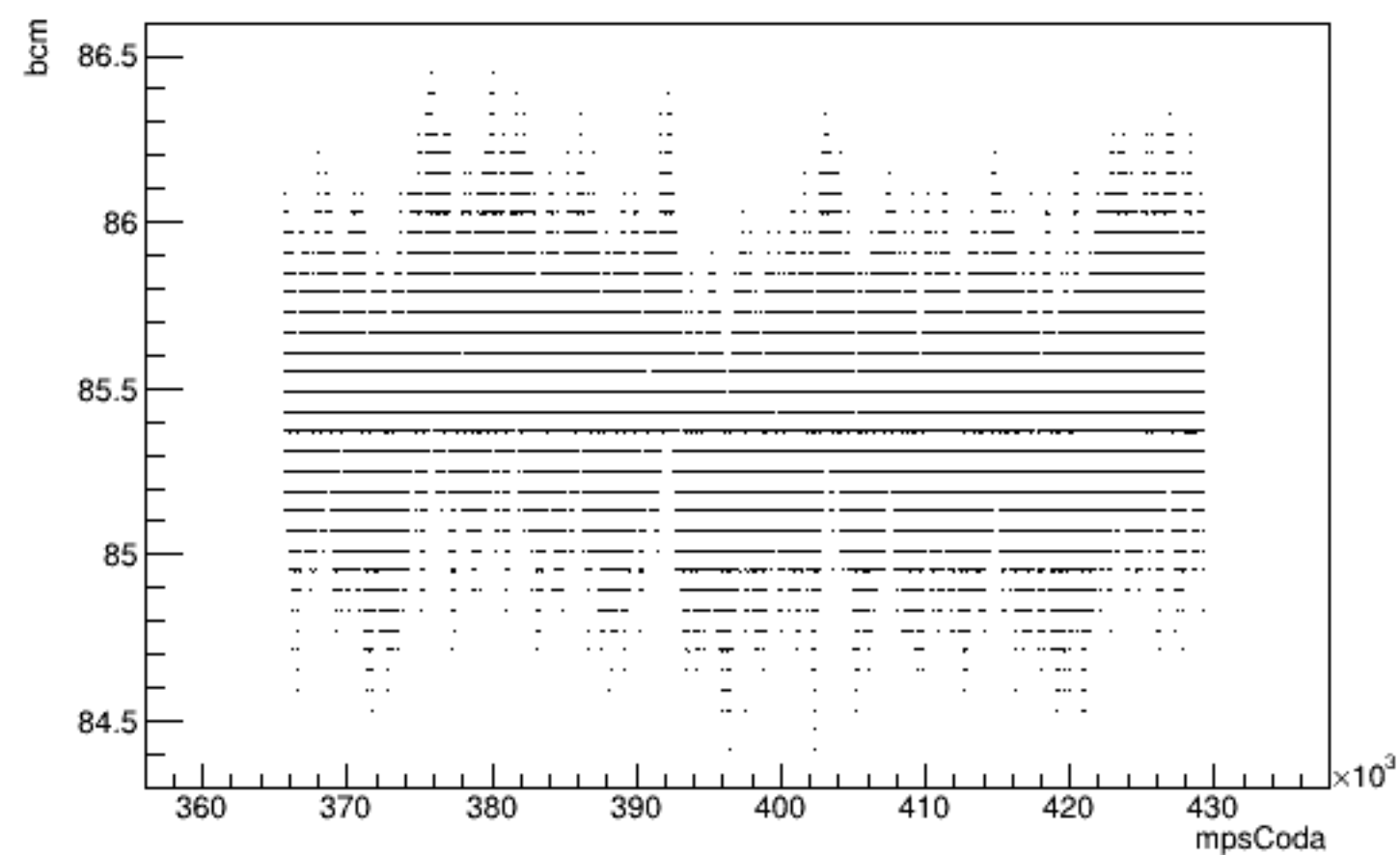
beamState + 1:mpsCoda {mpsCoda>=365655 && mpsCoda<=429246}



cavPowerCalibrated:mpsCoda {mpsCoda>=365655 && mpsCoda<=429246}

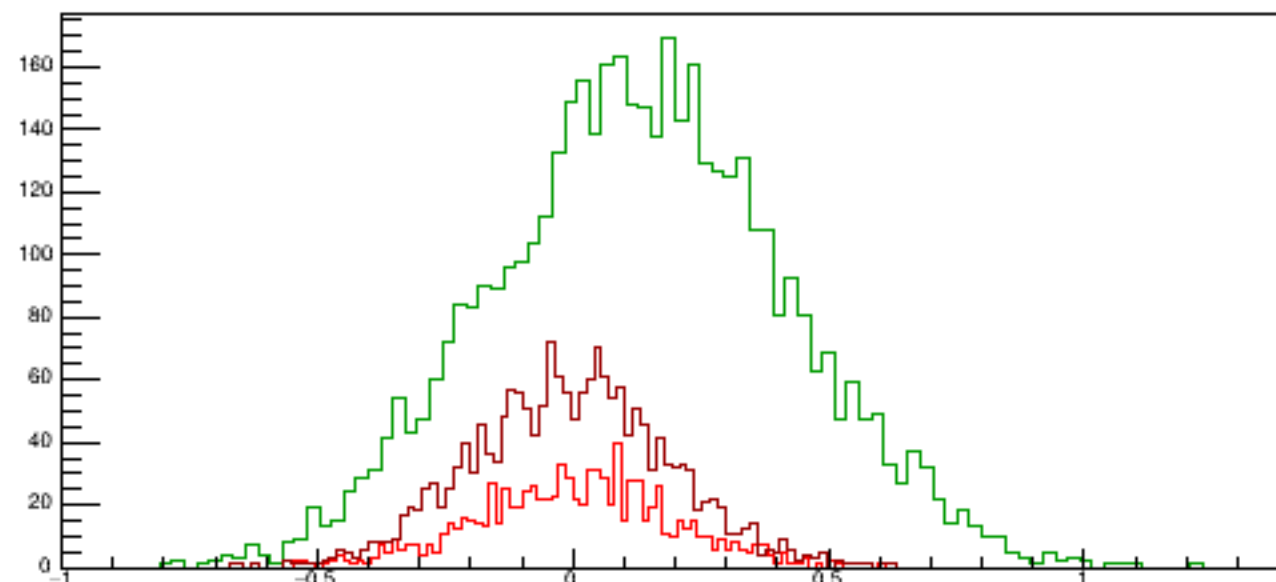


bcm:mpsCoda {mpsCoda>=365655 && mpsCoda<=429246}



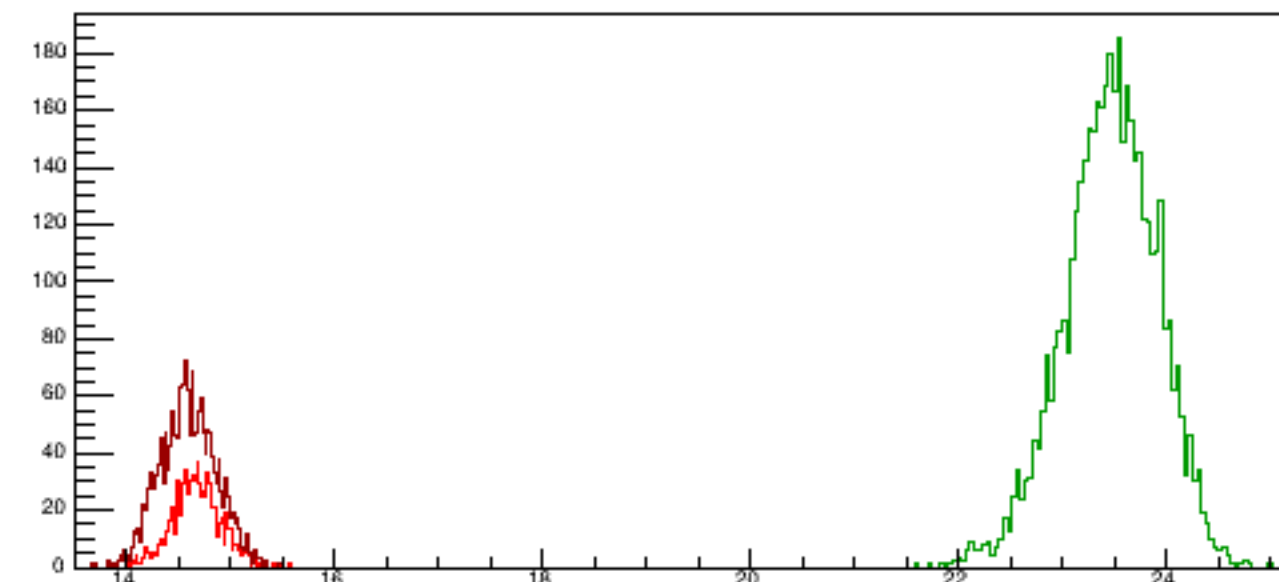
Cycle 5, Diffs

Entries: 937	Entries: 4611	Entries: 1856
Mean: 0.0027 +/- 0.0062	Mean: 0.1319 +/- 0.0042	Mean: -0.0052 +/- 0.0044
Std Dev: 0.1909 +/- 0.0044	Std Dev: 0.2884 +/- 0.0030	Std Dev: 0.1916 +/- 0.0031
Run 4608 quartetwise, Diffs		



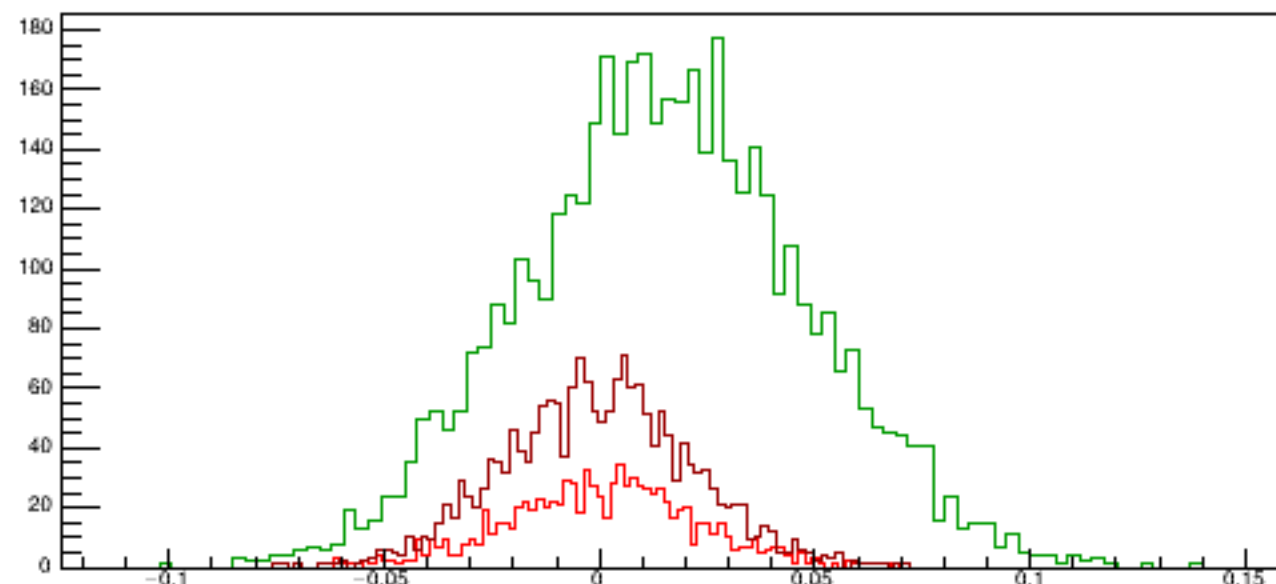
Cycle 5, Sums

Entries: 937	Entries: 4611	Entries: 1856
Mean: 14.6663 +/- 0.0076	Mean: 23.4560 +/- 0.0066	Mean: 14.5873 +/- 0.0062
Std Dev: 0.2342 +/- 0.0054	Std Dev: 0.4479 +/- 0.0047	Std Dev: 0.2680 +/- 0.0044
Run 4608 quartetwise, Sums		

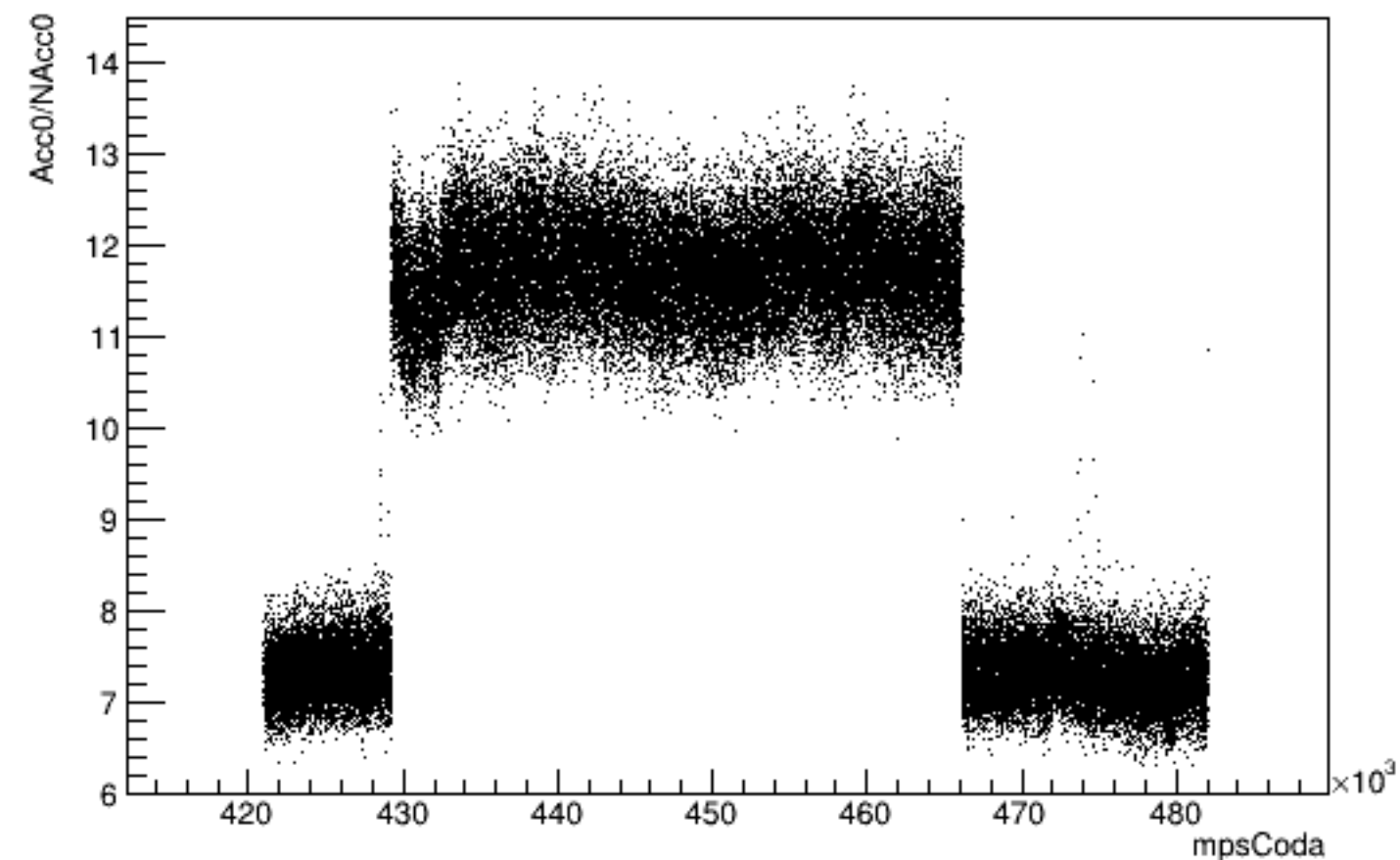


Cycle 5, Asyms

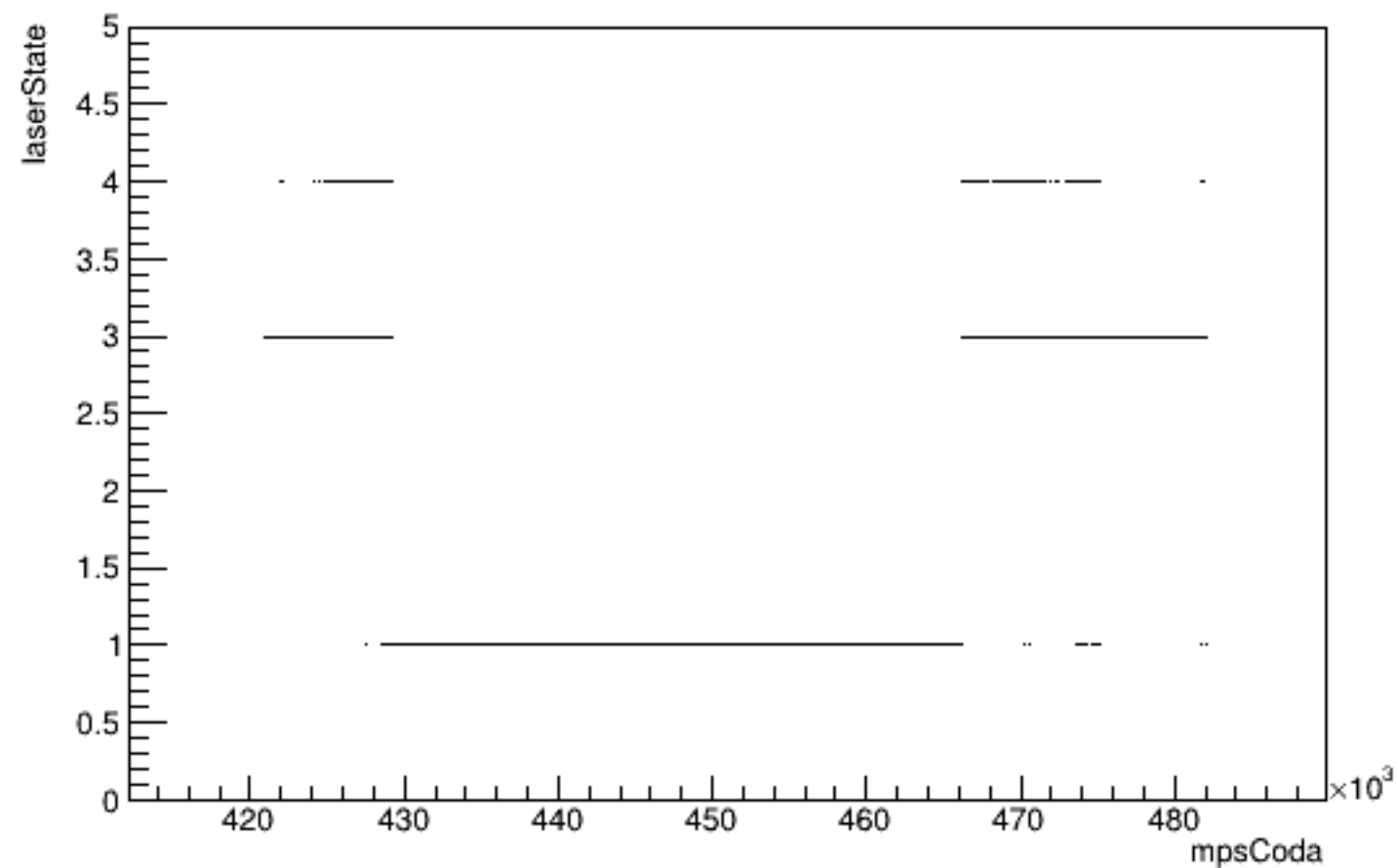
Entries: 937	Entries: 4611	Entries: 1856
Mean: 0.0003 +/- 0.0007	Mean: 0.0150 +/- 0.0005	Mean: -0.0006 +/- 0.0005
Std Dev: 0.0216 +/- 0.0005	Std Dev: 0.0328 +/- 0.0003	Std Dev: 0.0217 +/- 0.0004
Run 4608 quartetwise, Asyms		



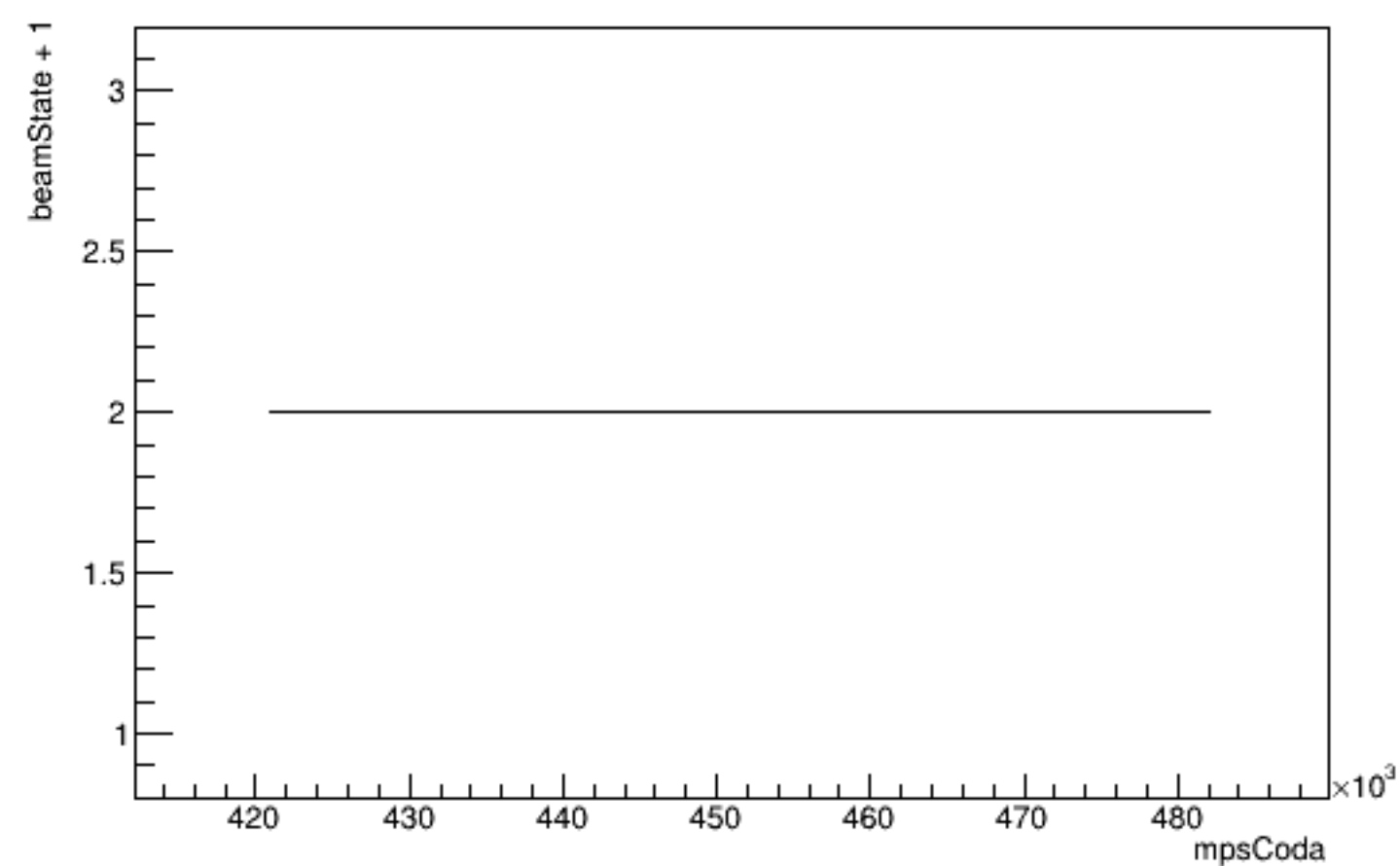
Acc0/NAcc0:mpsCoda {mpsCoda>=420991 && mpsCoda<=482030 && beamState==1}



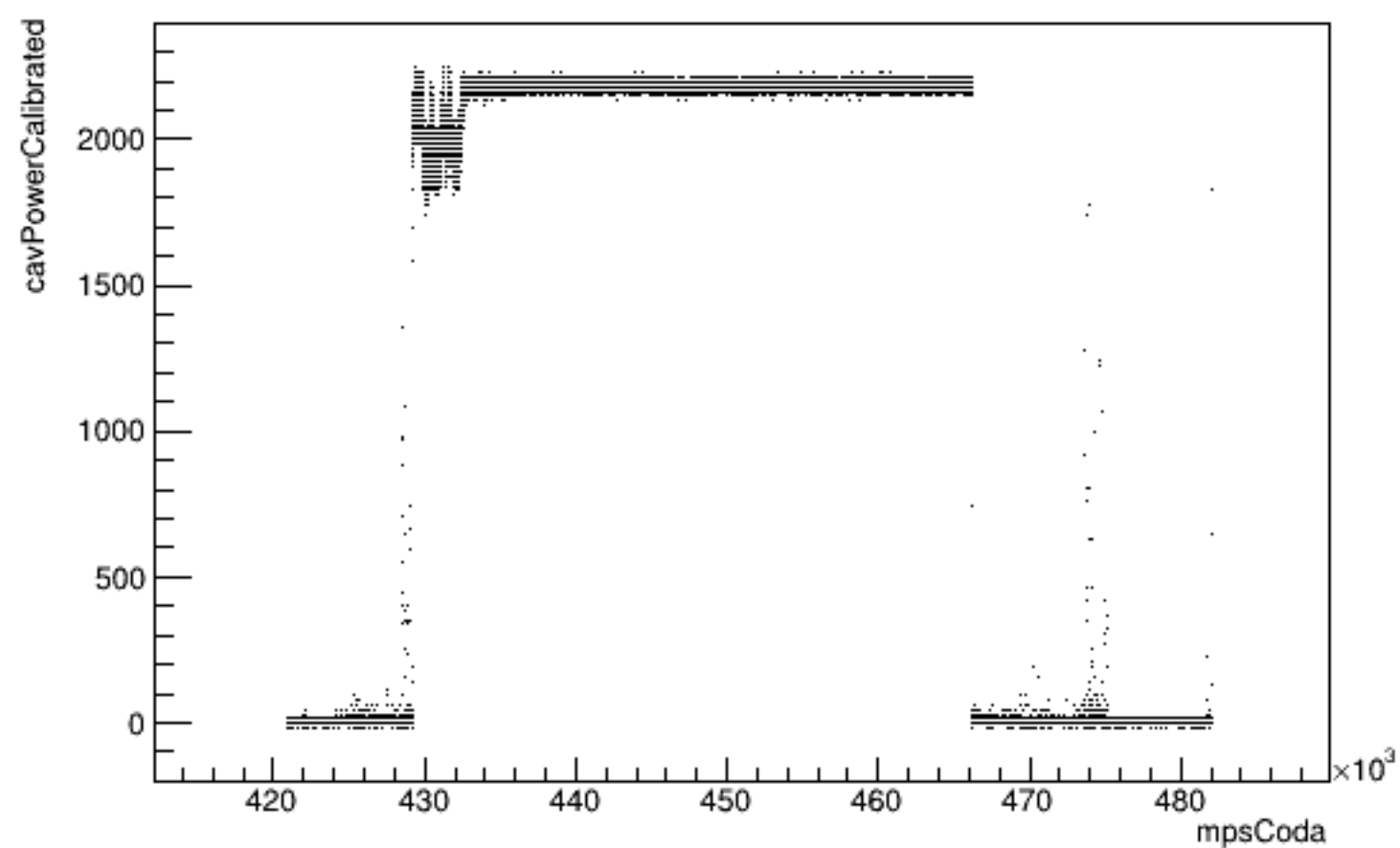
laserState:mpsCoda {mpsCoda>=420991 && mpsCoda<=482030}



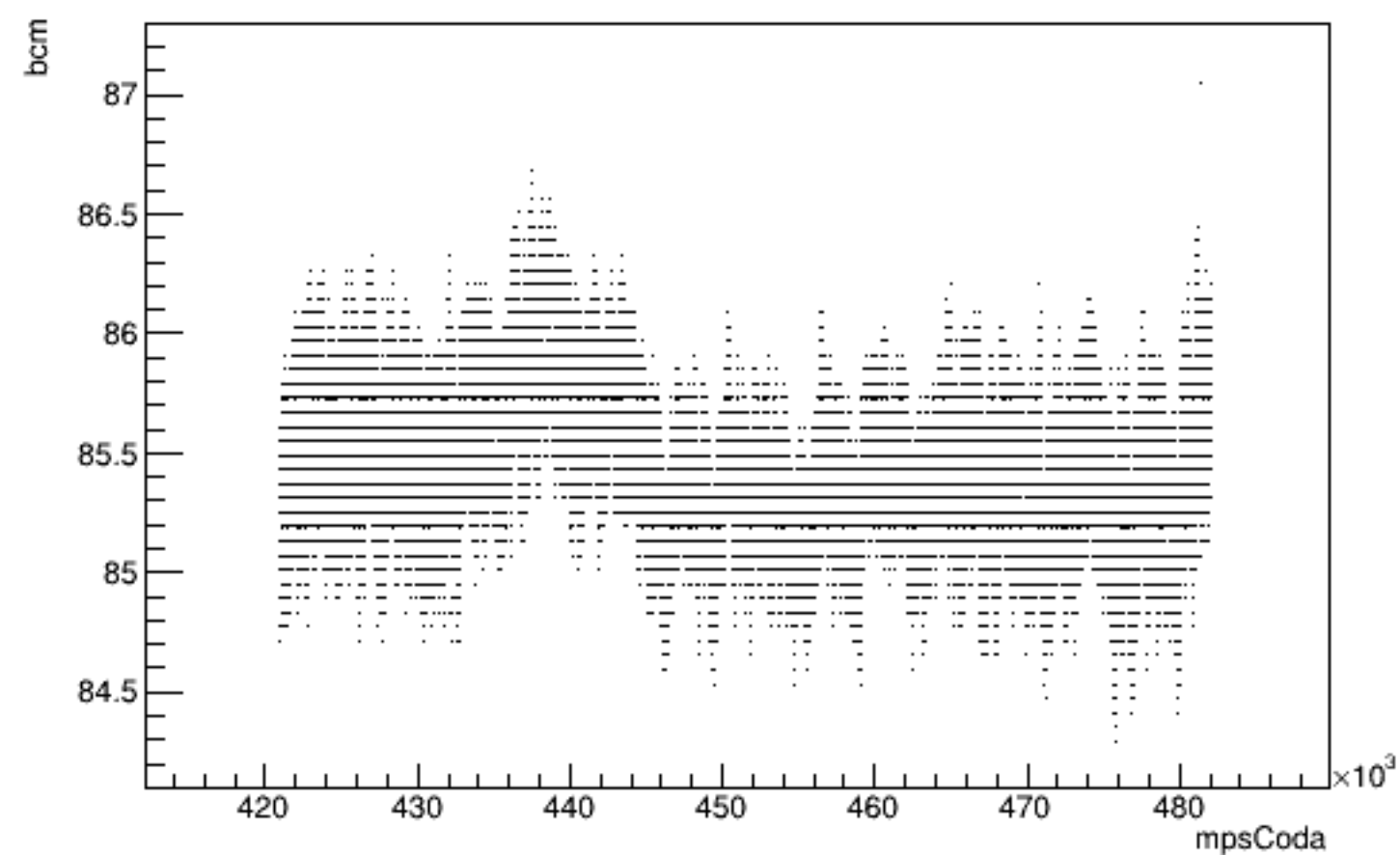
beamState + 1:mpsCoda {mpsCoda>=420991 && mpsCoda<=482030}



cavPowerCalibrated:mpsCoda {mpsCoda>=420991 && mpsCoda<=482030}



bcm:mpsCoda {mpsCoda>=420991 && mpsCoda<=482030}



Cycle 6, Diffs

Entries: 1313

Mean: -0.0009 +/- 0.0052

Std Dev: 0.1874 +/- 0.0037

Entries: 2989

Mean: 0.1299 +/- 0.0053

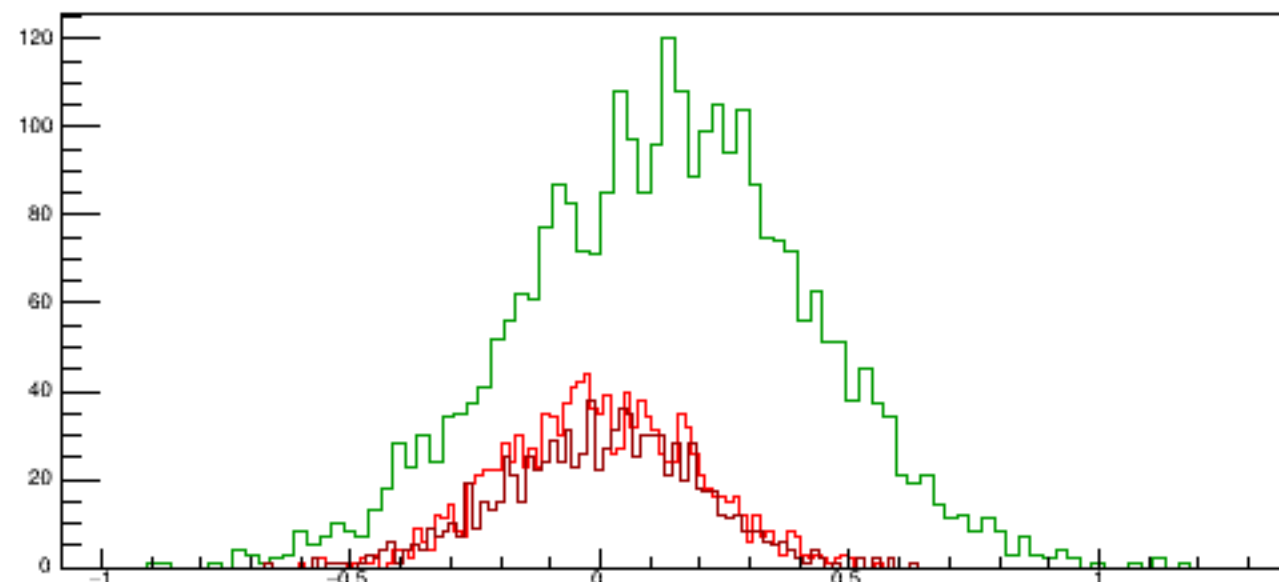
Std Dev: 0.2909 +/- 0.0038

Entries: 963

Mean: 0.0010 +/- 0.0062

Std Dev: 0.1938 +/- 0.0044

Run 4608 quartetwise, Diffs



Cycle 6, Sums

Entries: 1313

Mean: 14.4731 +/- 0.0075

Std Dev: 0.2710 +/- 0.0053

Entries: 2989

Mean: 23.8363 +/- 0.0083

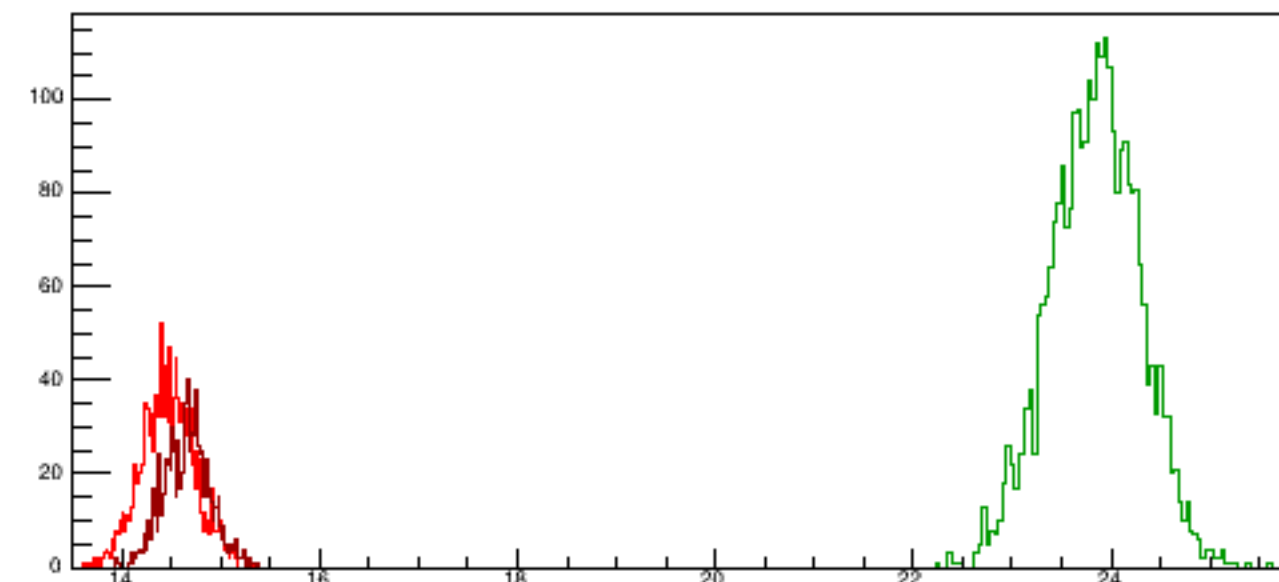
Std Dev: 0.4523 +/- 0.0059

Entries: 963

Mean: 14.6572 +/- 0.0076

Std Dev: 0.2354 +/- 0.0054

Run 4608 quartetwise, Sums



Cycle 6, Asyms

Entries: 1313

Mean: -0.0001 +/- 0.0006

Std Dev: 0.0202 +/- 0.0004

Entries: 2989

Mean: 0.0141 +/- 0.0006

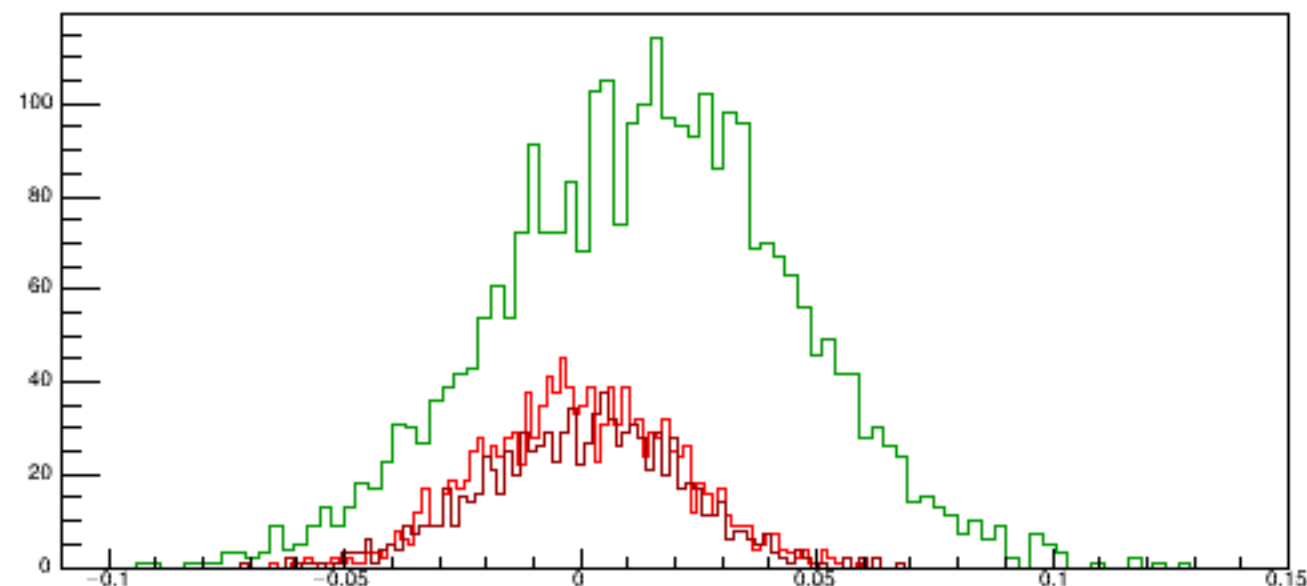
Std Dev: 0.0315 +/- 0.0004

Entries: 963

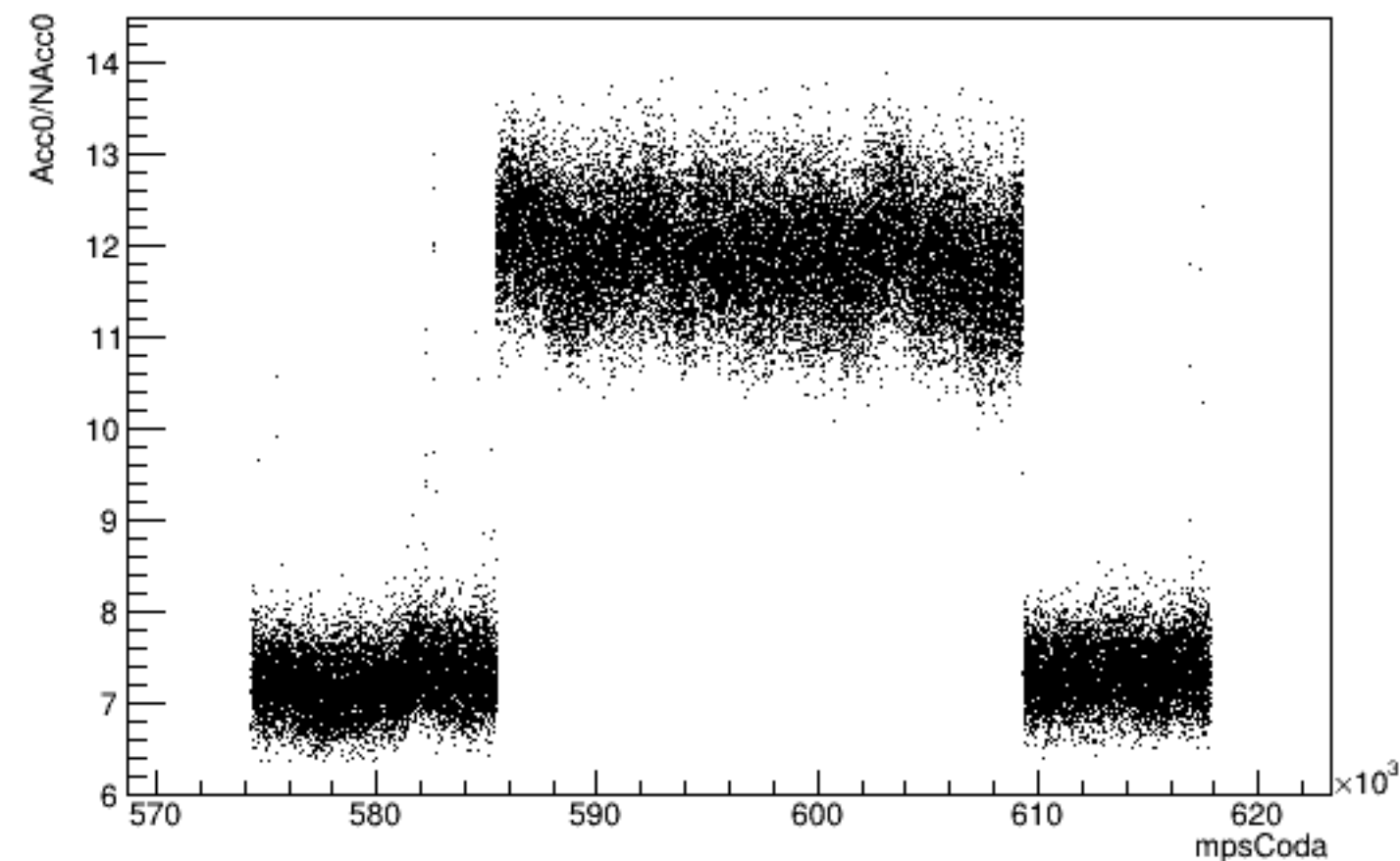
Mean: 0.0001 +/- 0.0007

Std Dev: 0.0209 +/- 0.0005

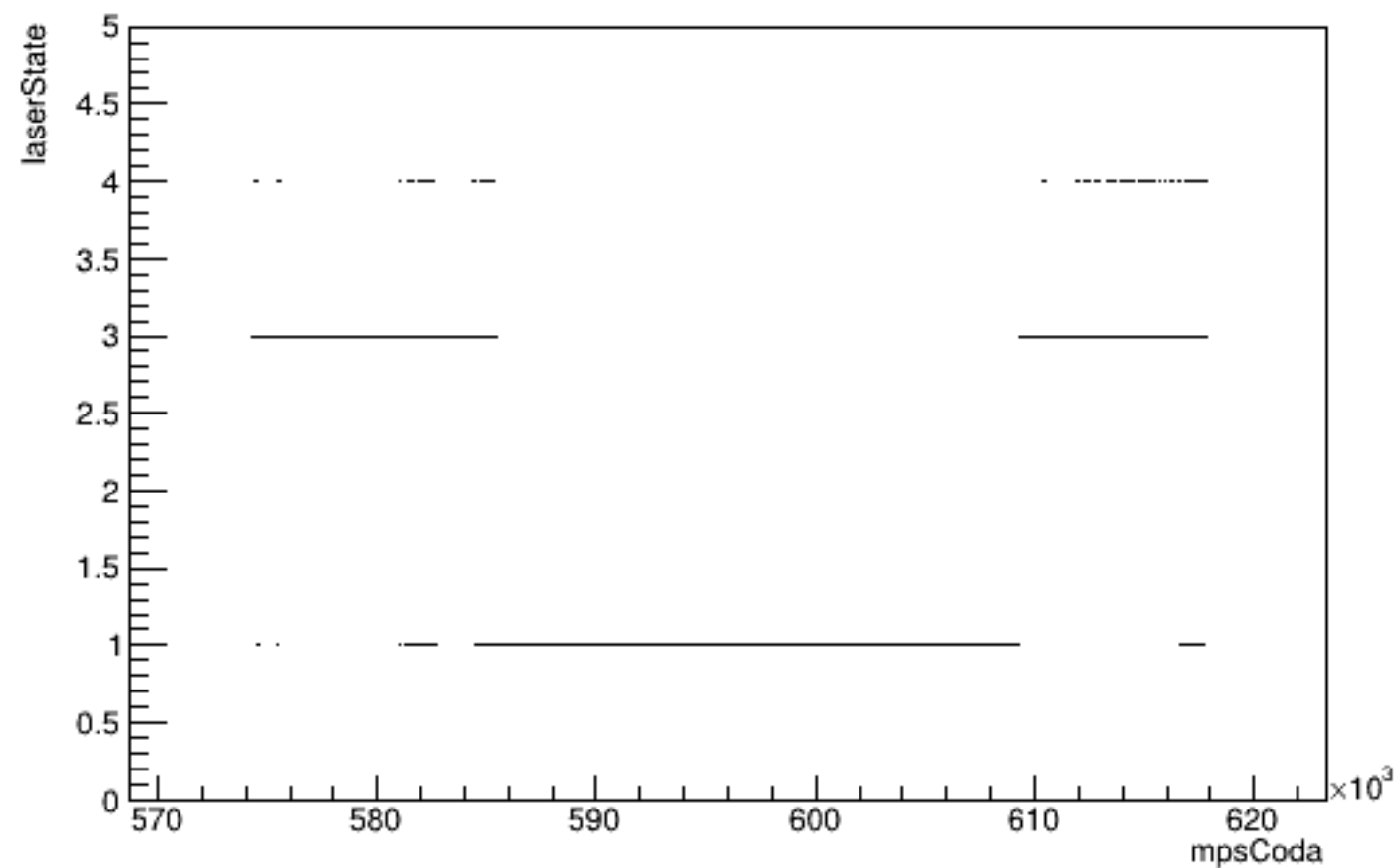
Run 4608 quartetwise, Asyms



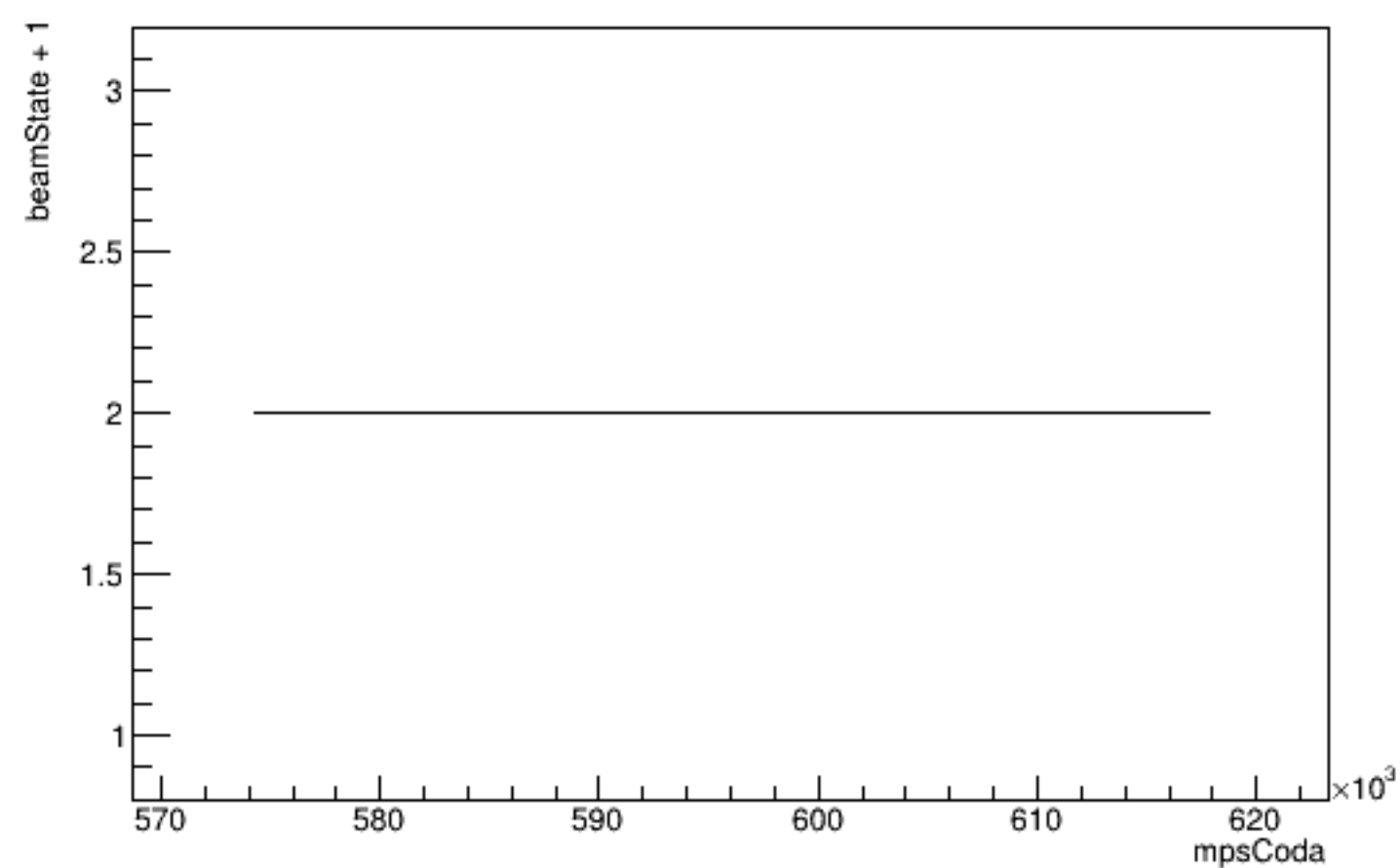
Acc0/NAcc0:mpsCoda {mpsCoda>=574327 && mpsCoda<=617806 && beamState==1}



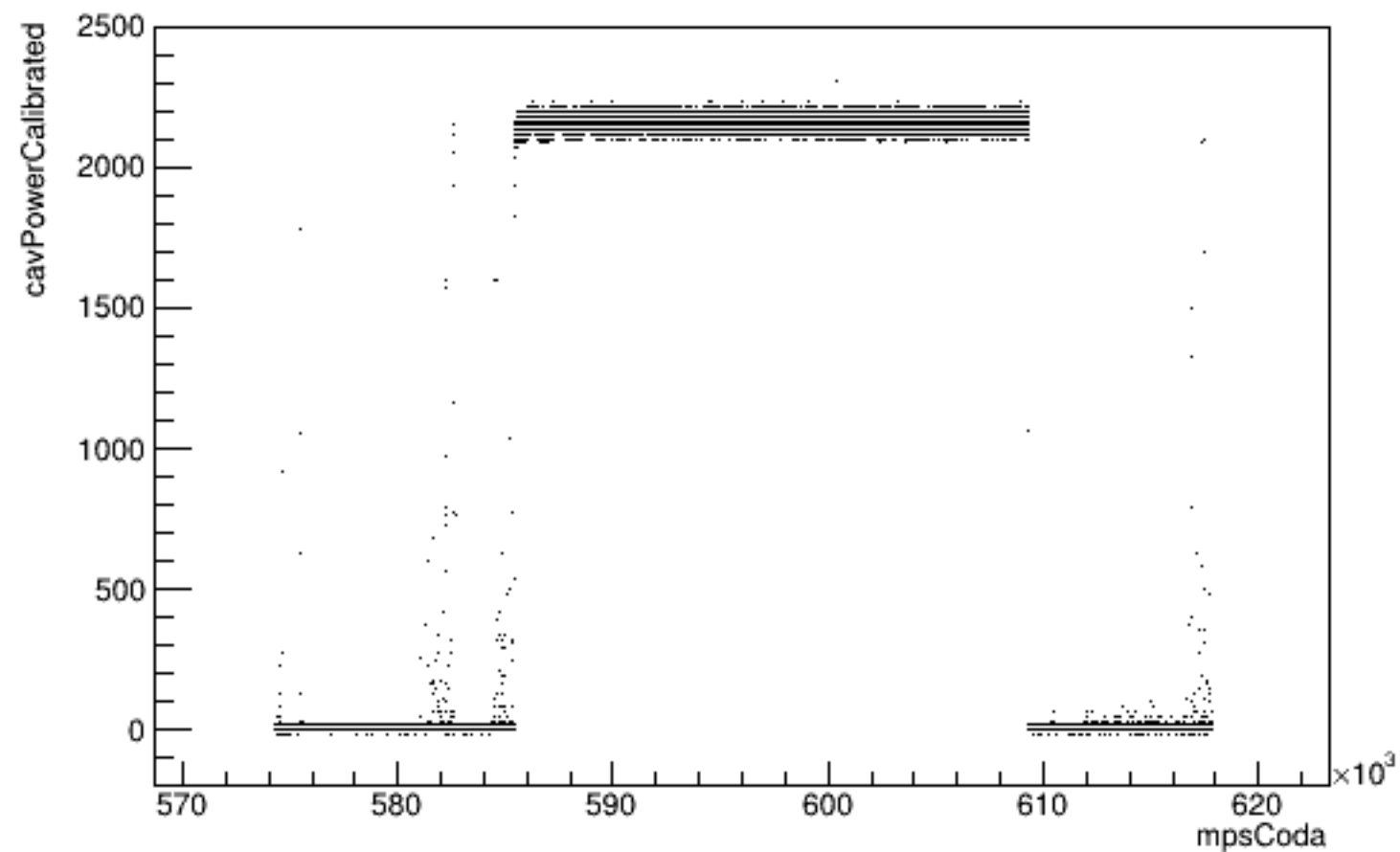
laserState:mpsCoda {mpsCoda>=574327 && mpsCoda<=617806}



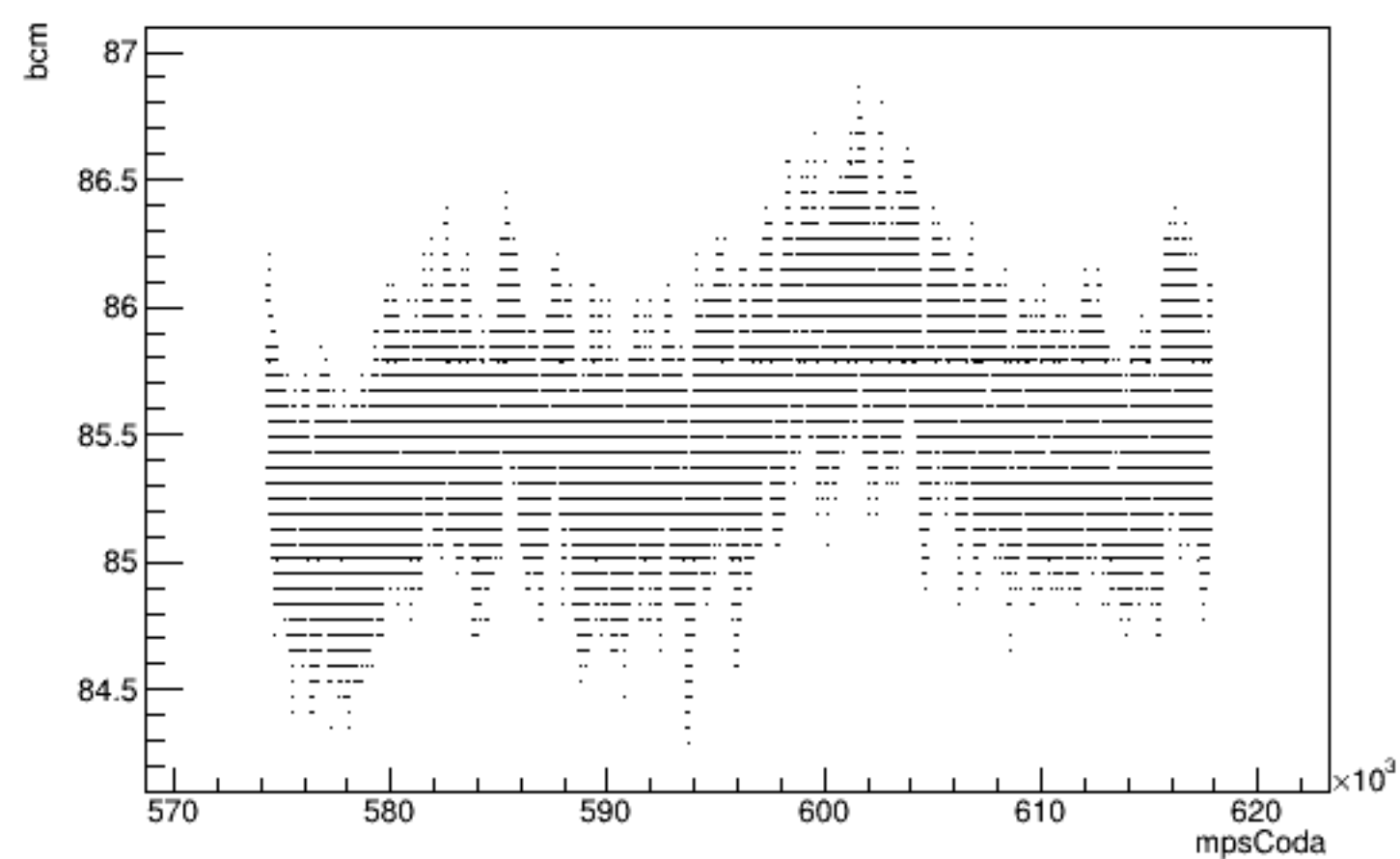
beamState + 1:mpsCoda {mpsCoda>=574327 && mpsCoda<=617806}



cavPowerCalibrated:mpsCoda {mpsCoda>=574327 && mpsCoda<=617806}

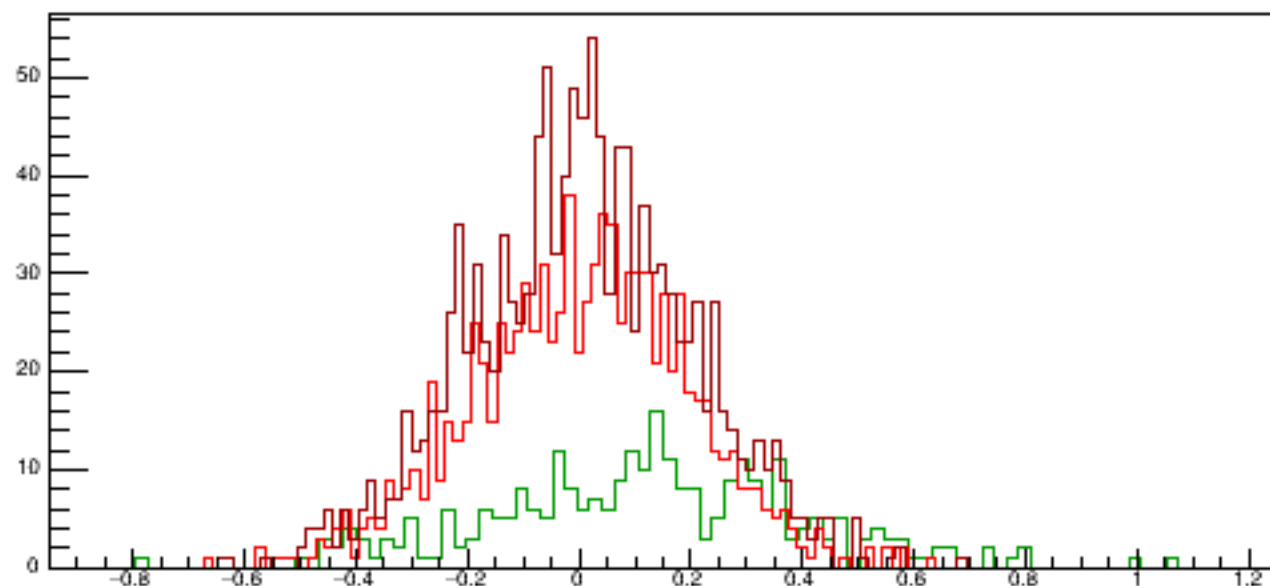


bcm:mpsCoda {mpsCoda>=574327 && mpsCoda<=617806}



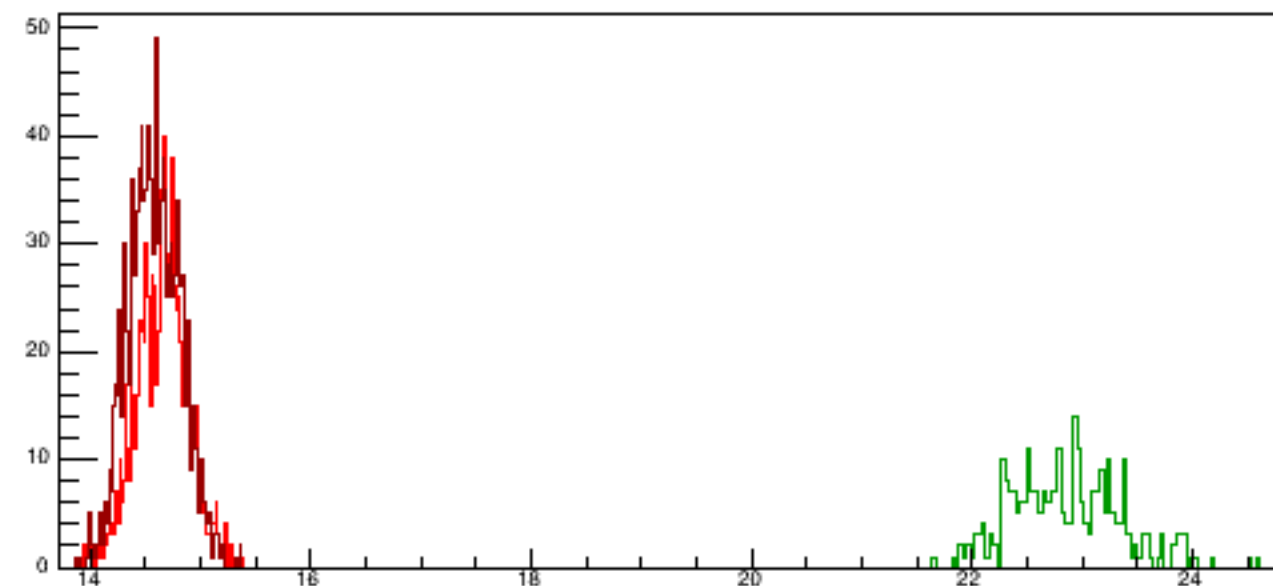
Cycle 7, Diffs

Entries: 963	Entries: 287	Entries: 1277
Mean: 0.0010 +/- 0.0062	Mean: 0.1245 +/- 0.0167	Mean: 0.0014 +/- 0.0055
Std Dev: 0.1938 +/- 0.0044	Std Dev: 0.2837 +/- 0.0118	Std Dev: 0.1969 +/- 0.0039
Run 4608 quartetwise, Diffs		



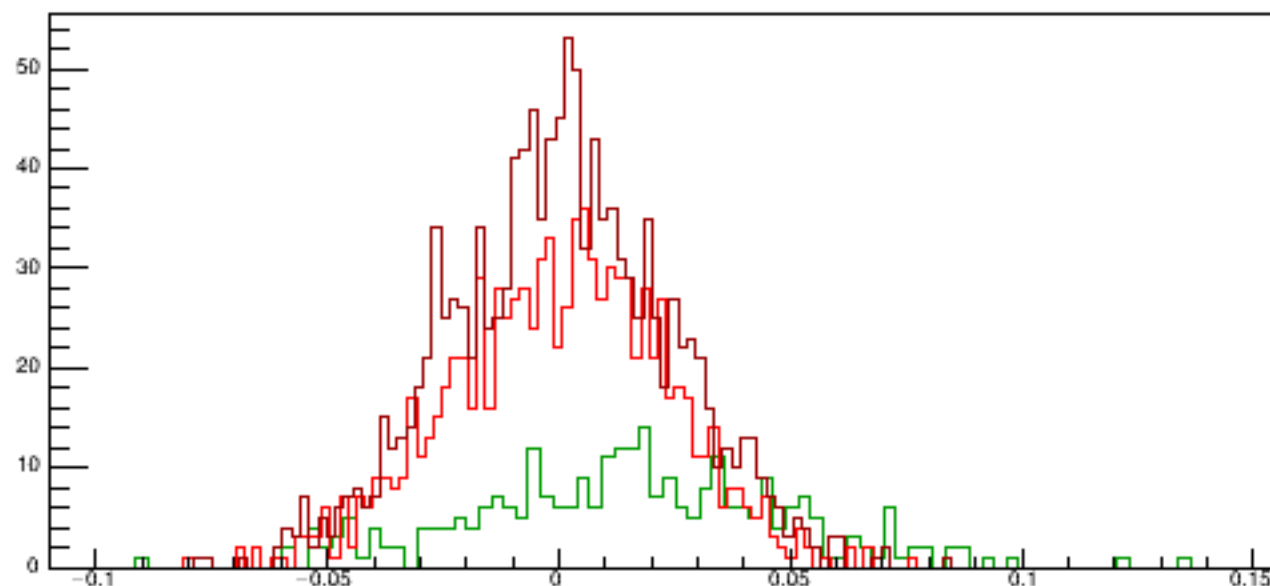
Cycle 7, Sums

Entries: 963	Entries: 287	Entries: 1277
Mean: 14.6572 +/- 0.0076	Mean: 22.8653 +/- 0.0297	Mean: 14.5839 +/- 0.0066
Std Dev: 0.2354 +/- 0.0054	Std Dev: 0.5030 +/- 0.0210	Std Dev: 0.2357 +/- 0.0047
Run 4608 quartetwise, Sums		

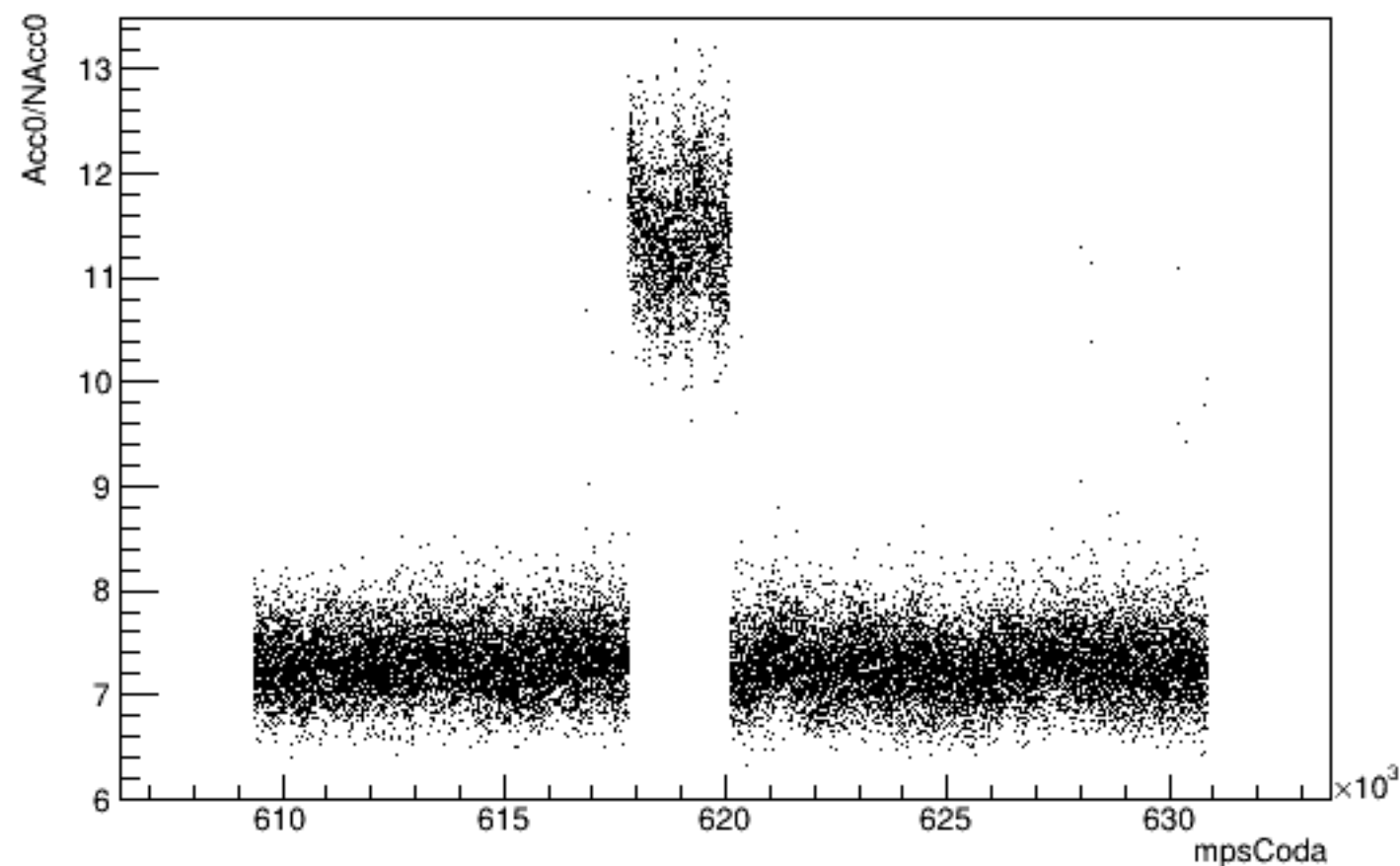


Cycle 7, Asyms

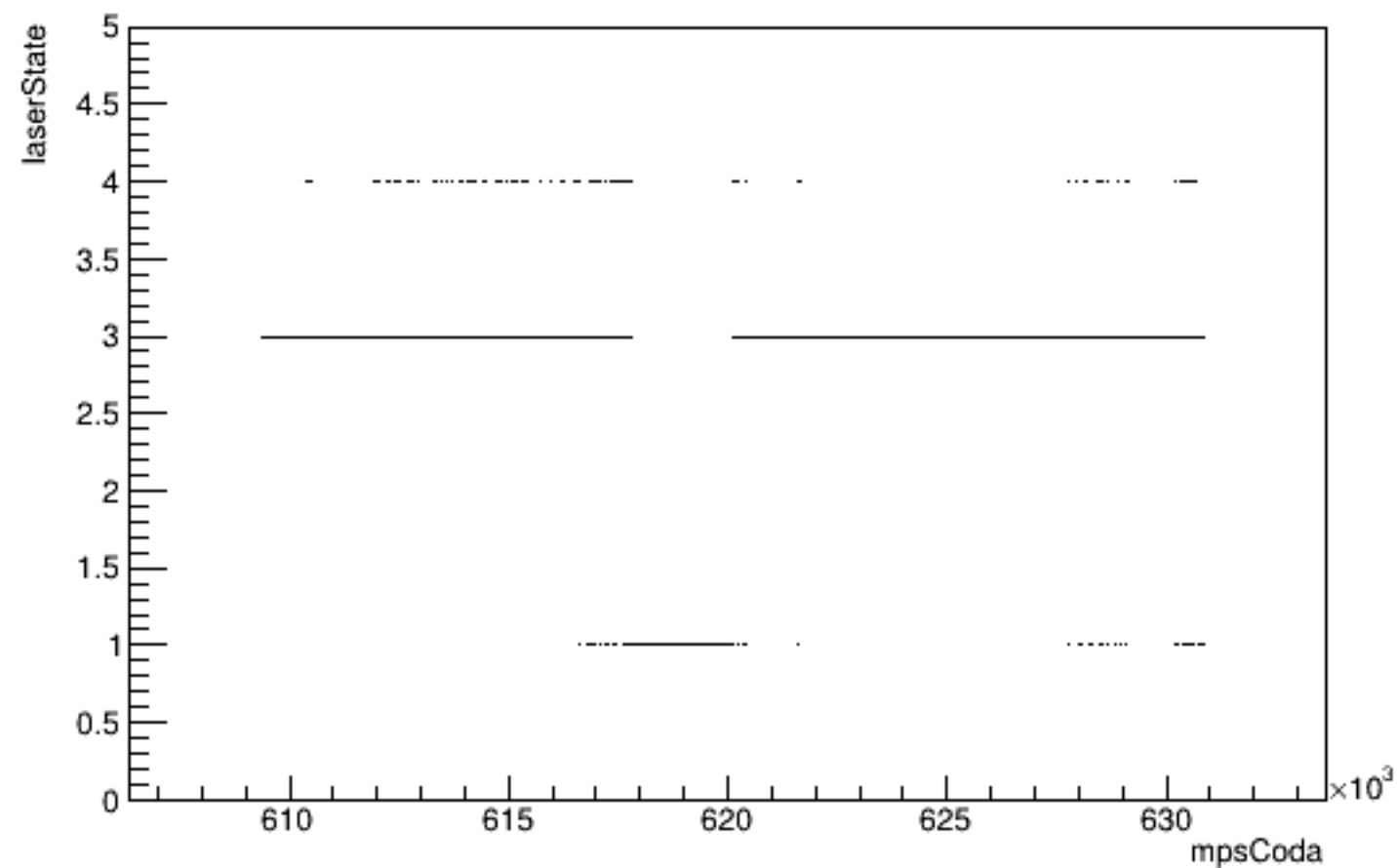
Entries: 963	Entries: 287	Entries: 1277
Mean: 0.0001 +/- 0.0008	Mean: 0.0152 +/- 0.0020	Mean: 0.0002 +/- 0.0007
Std Dev: 0.0235 +/- 0.0005	Std Dev: 0.0344 +/- 0.0014	Std Dev: 0.0239 +/- 0.0005
Run 4608 quartetwise, Asyms		



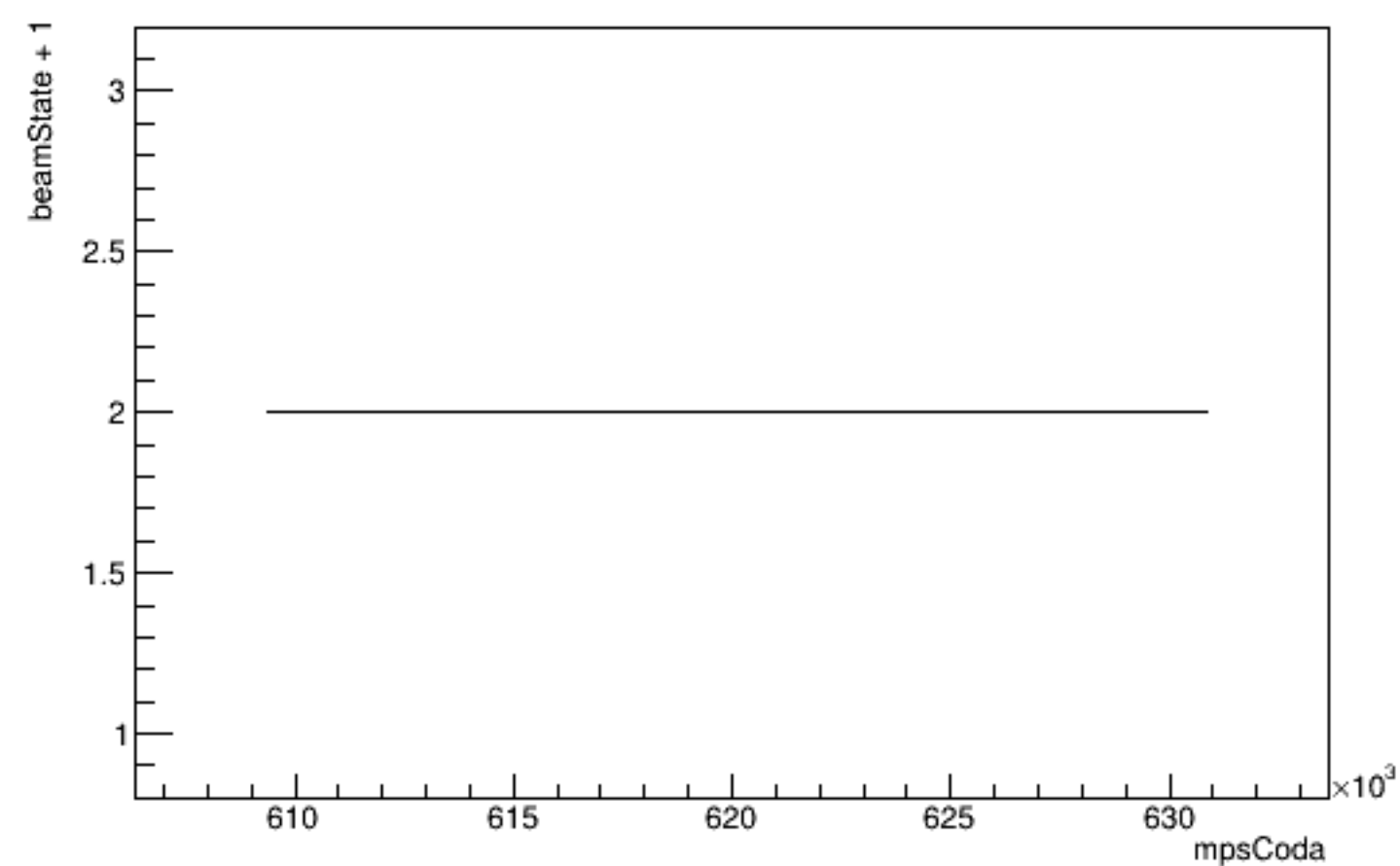
Acc0/NAcc0:mpsCoda {mpsCoda>=609351 && mpsCoda<=630862 && beamState==1}



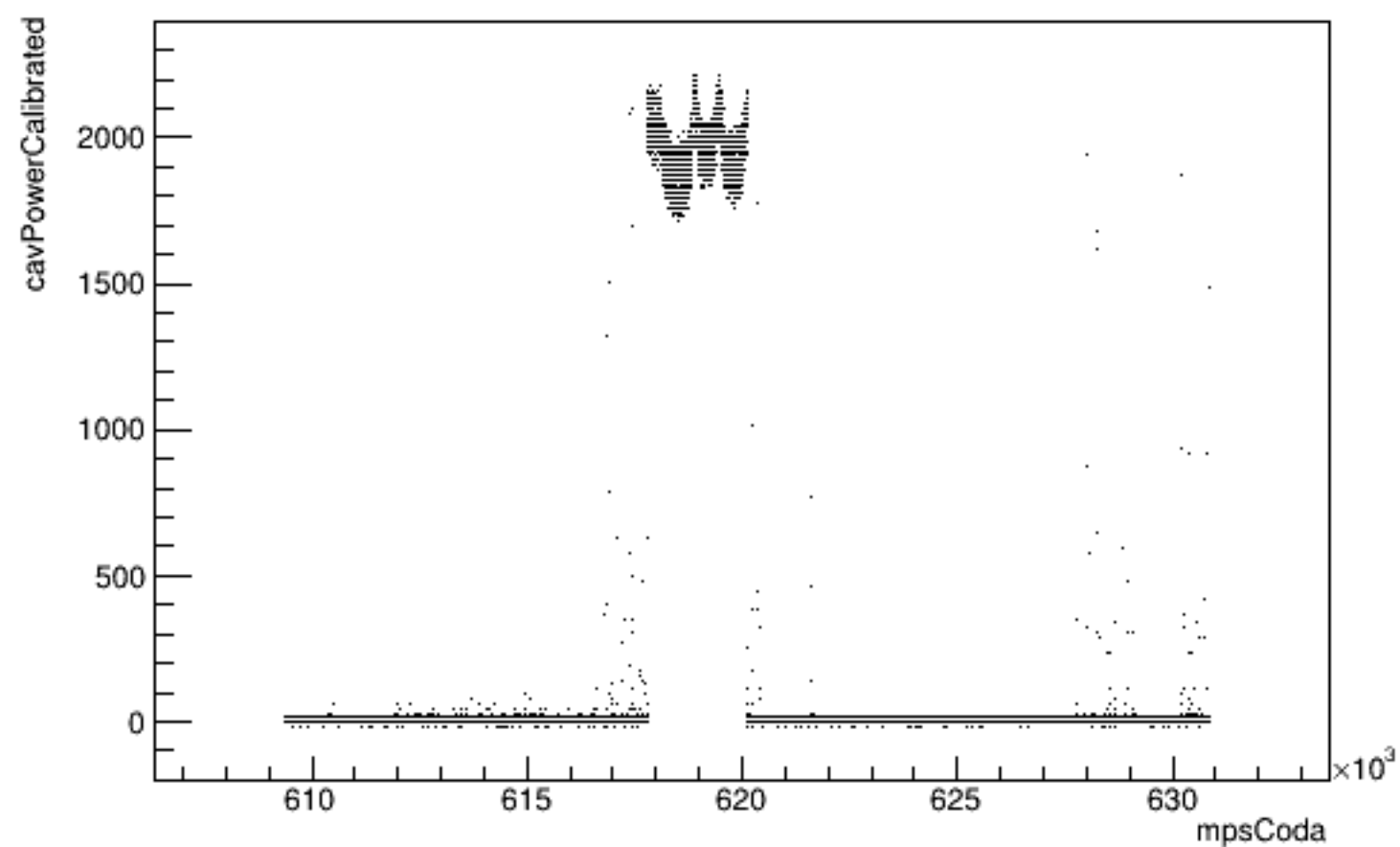
laserState:mpsCoda {mpsCoda>=609351 && mpsCoda<=630862}



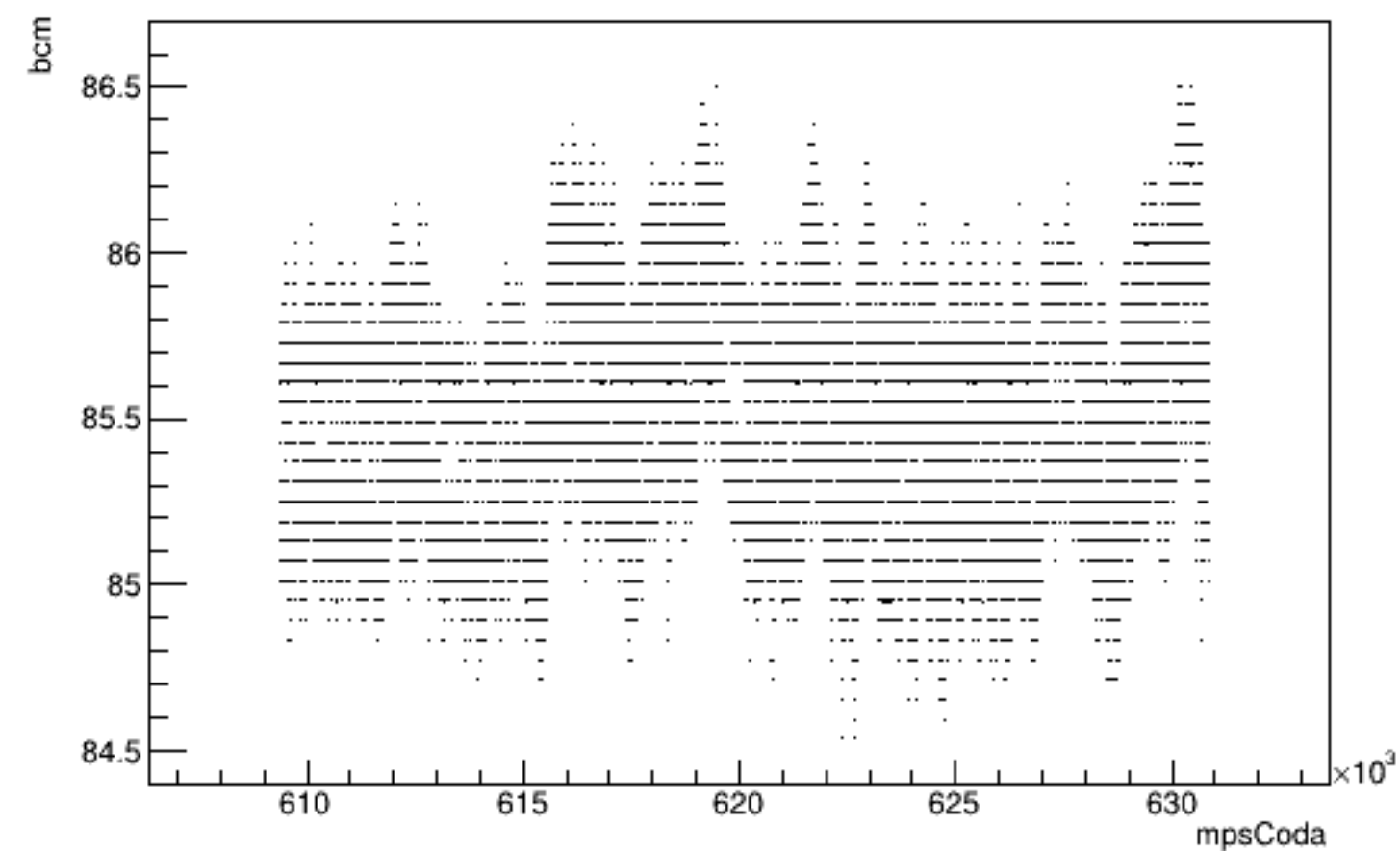
beamState + 1:mpsCoda {mpsCoda>=609351 && mpsCoda<=630862}



cavPowerCalibrated:mpsCoda {mpsCoda>=609351 && mpsCoda<=630862}



bcm:mpsCoda {mpsCoda>=609351 && mpsCoda<=630862}



Cycle 8, Diffs

Entries: 1277

Mean: 0.0014 +/- 0.0055

Std Dev: 0.1969 +/- 0.0039

Entries: 3075

Mean: 0.1346 +/- 0.0051

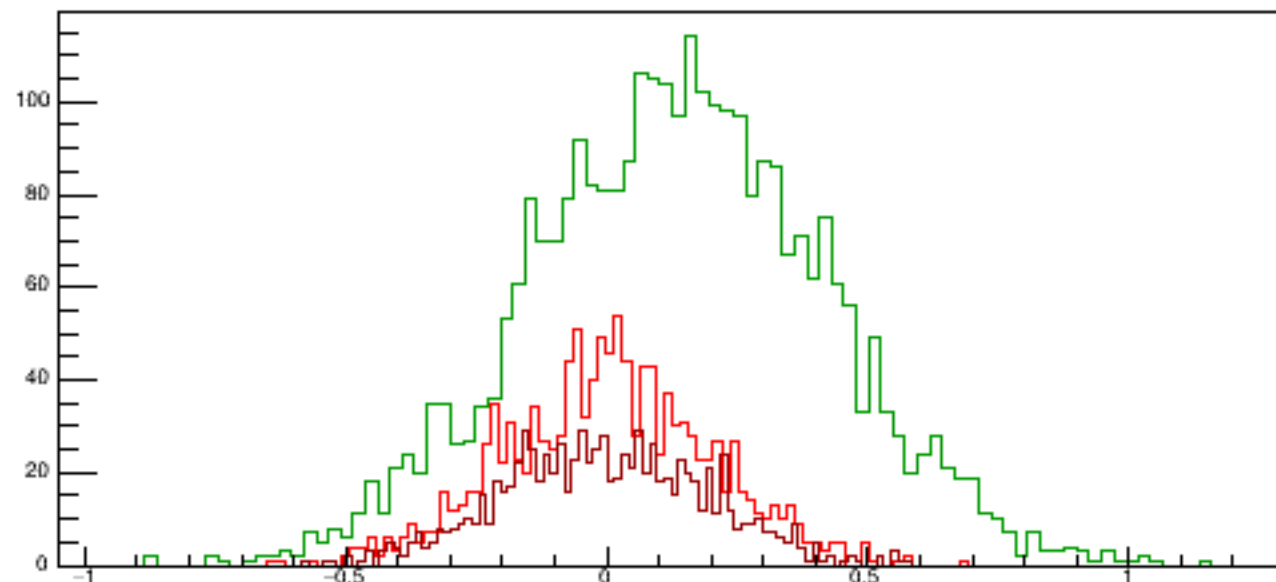
Std Dev: 0.2839 +/- 0.0036

Entries: 921

Mean: -0.0024 +/- 0.0065

Std Dev: 0.1967 +/- 0.0046

Run 4608 quartetwise, Diffs



Cycle 8, Sums

Entries: 1277

Mean: 14.5839 +/- 0.0066

Std Dev: 0.2357 +/- 0.0047

Entries: 3075

Mean: 23.3995 +/- 0.0072

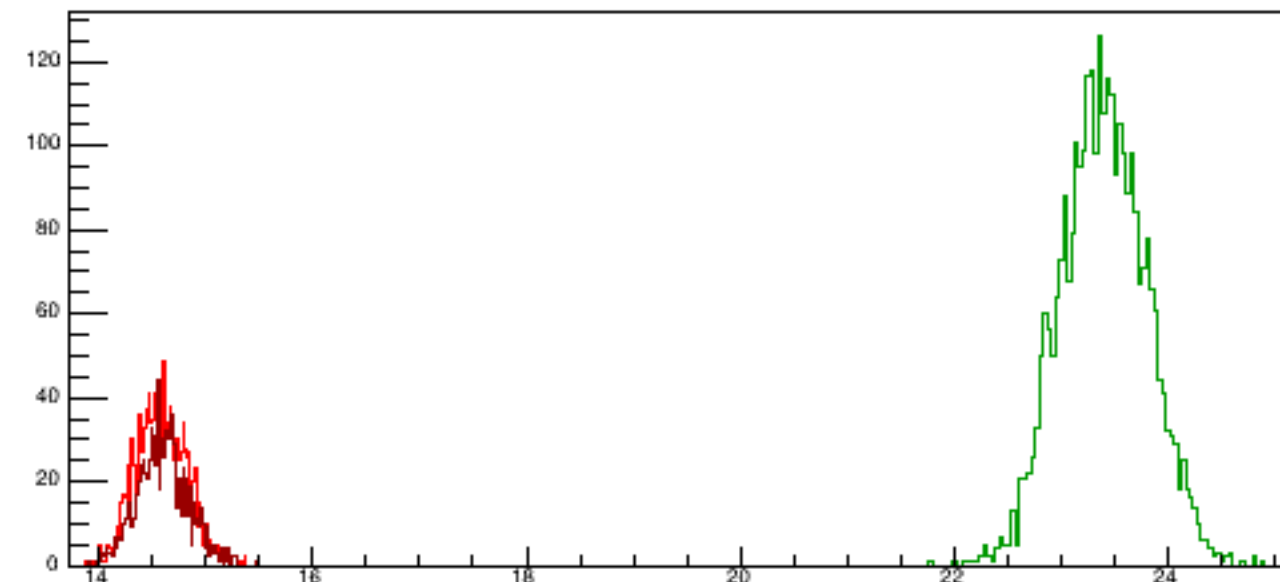
Std Dev: 0.3988 +/- 0.0051

Entries: 921

Mean: 14.5945 +/- 0.0078

Std Dev: 0.2370 +/- 0.0055

Run 4608 quartetwise, Sums



Cycle 8, Asyms

Entries: 1277

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0223 +/- 0.0004

Entries: 3075

Mean: 0.0153 +/- 0.0006

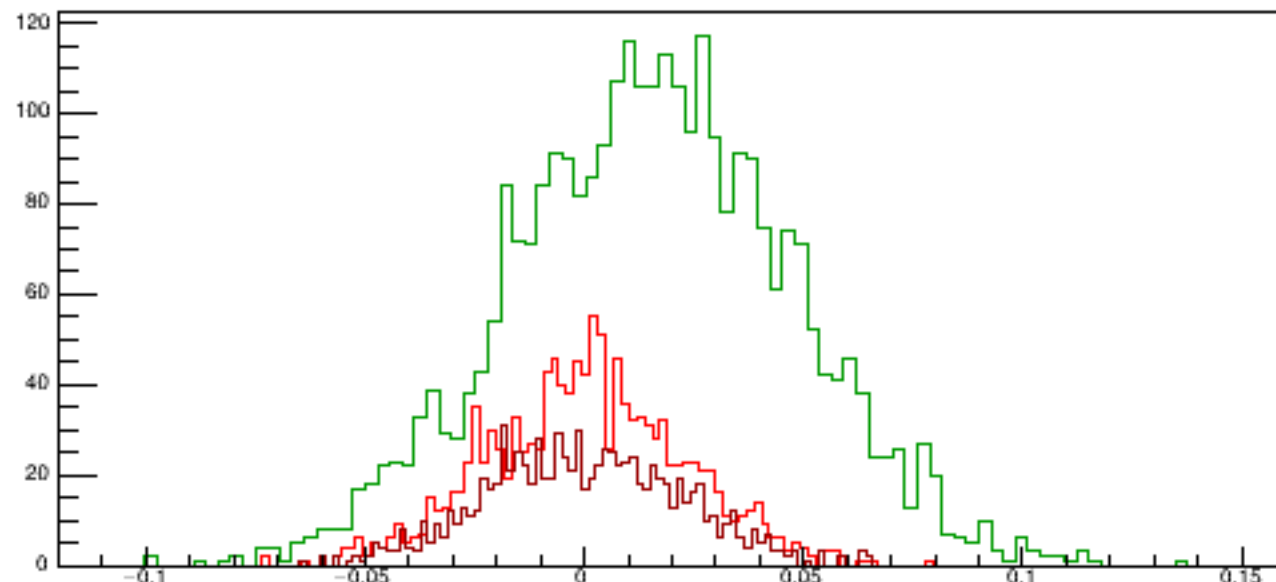
Std Dev: 0.0322 +/- 0.0004

Entries: 921

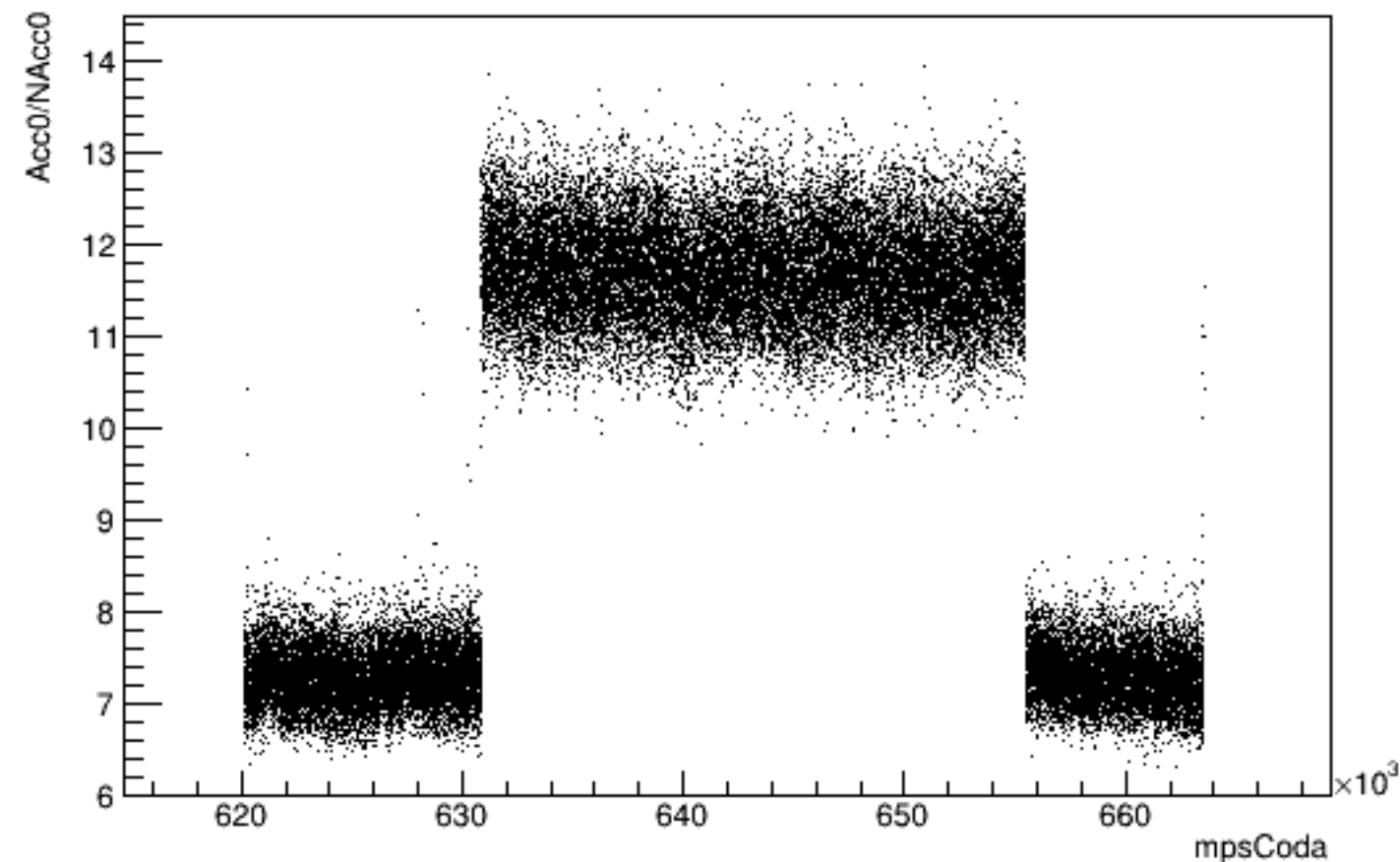
Mean: -0.0003 +/- 0.0007

Std Dev: 0.0223 +/- 0.0005

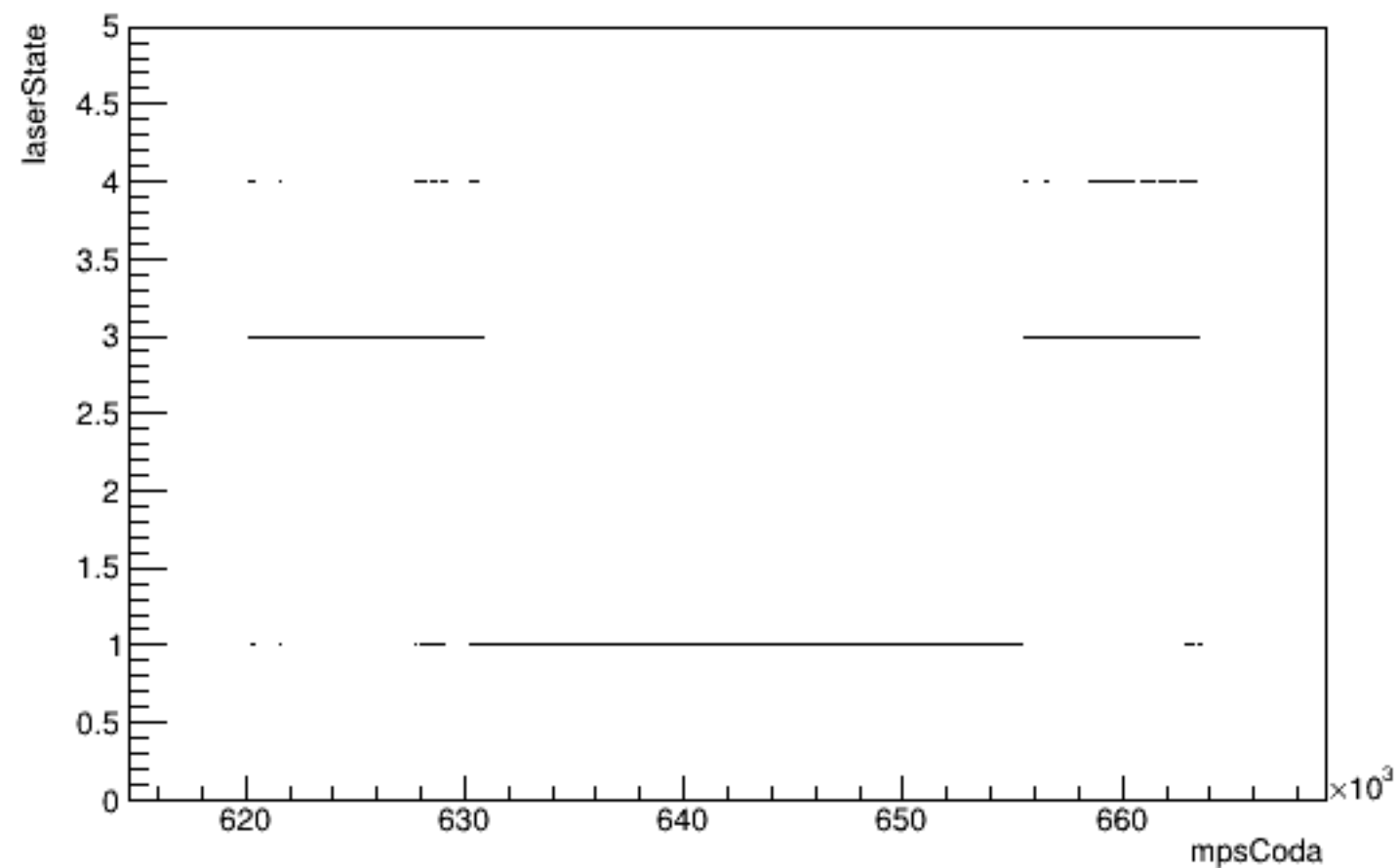
Run 4608 quartetwise, Asyms



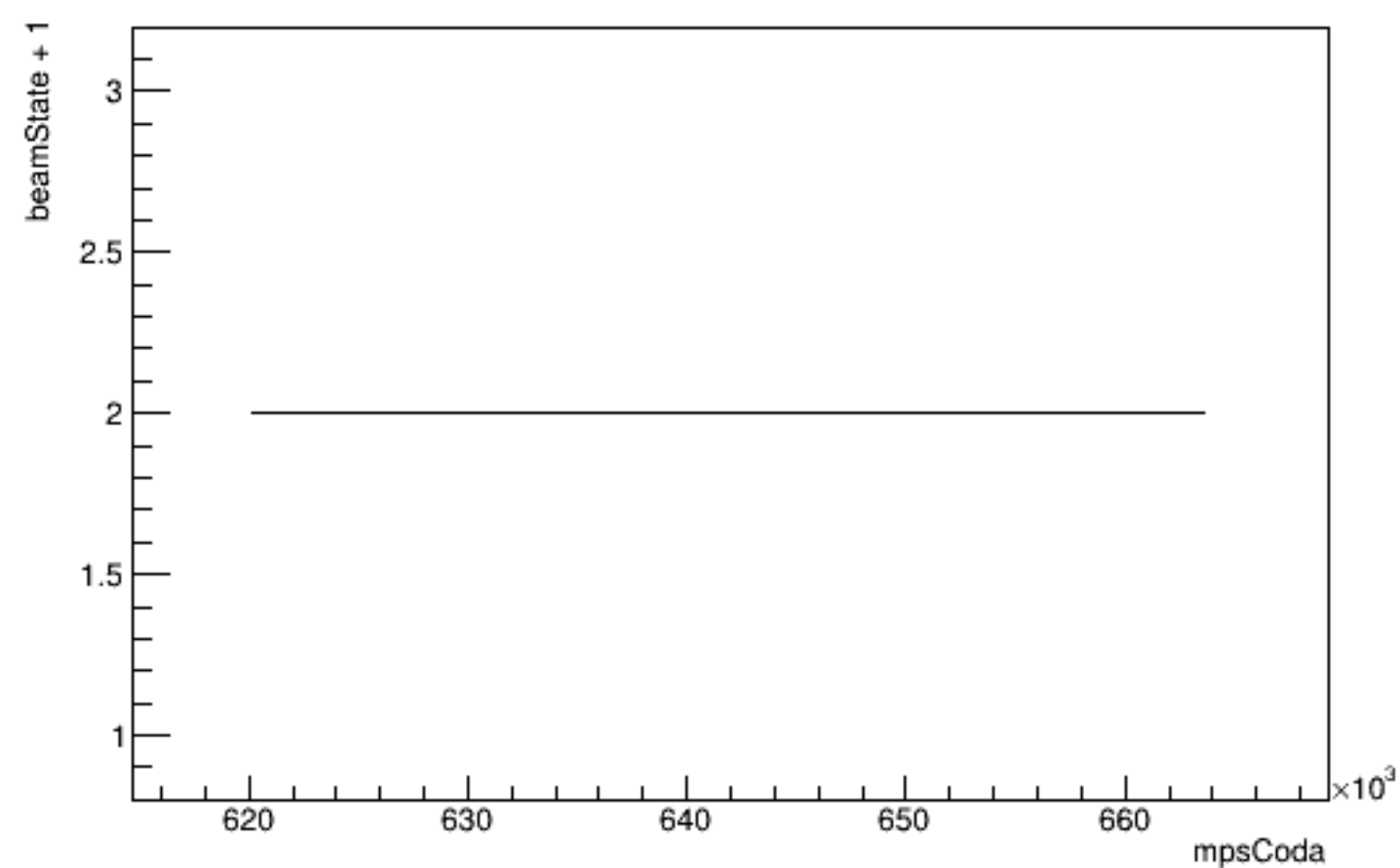
Acc0/NAcc0:mpsCoda {mpsCoda>=620111 && mpsCoda<=663542 && beamState==1}



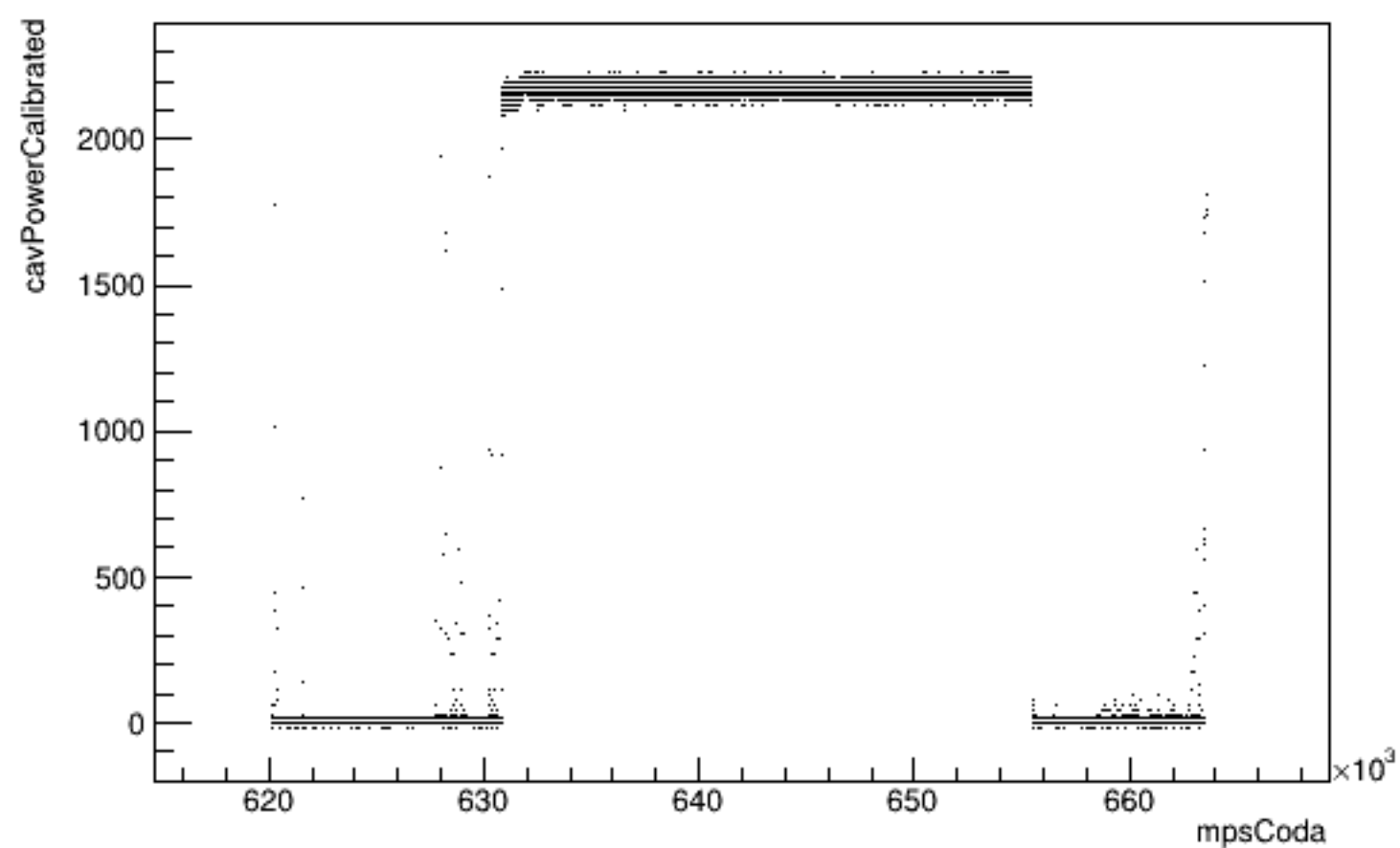
laserState:mpsCoda {mpsCoda>=620111 && mpsCoda<=663542}



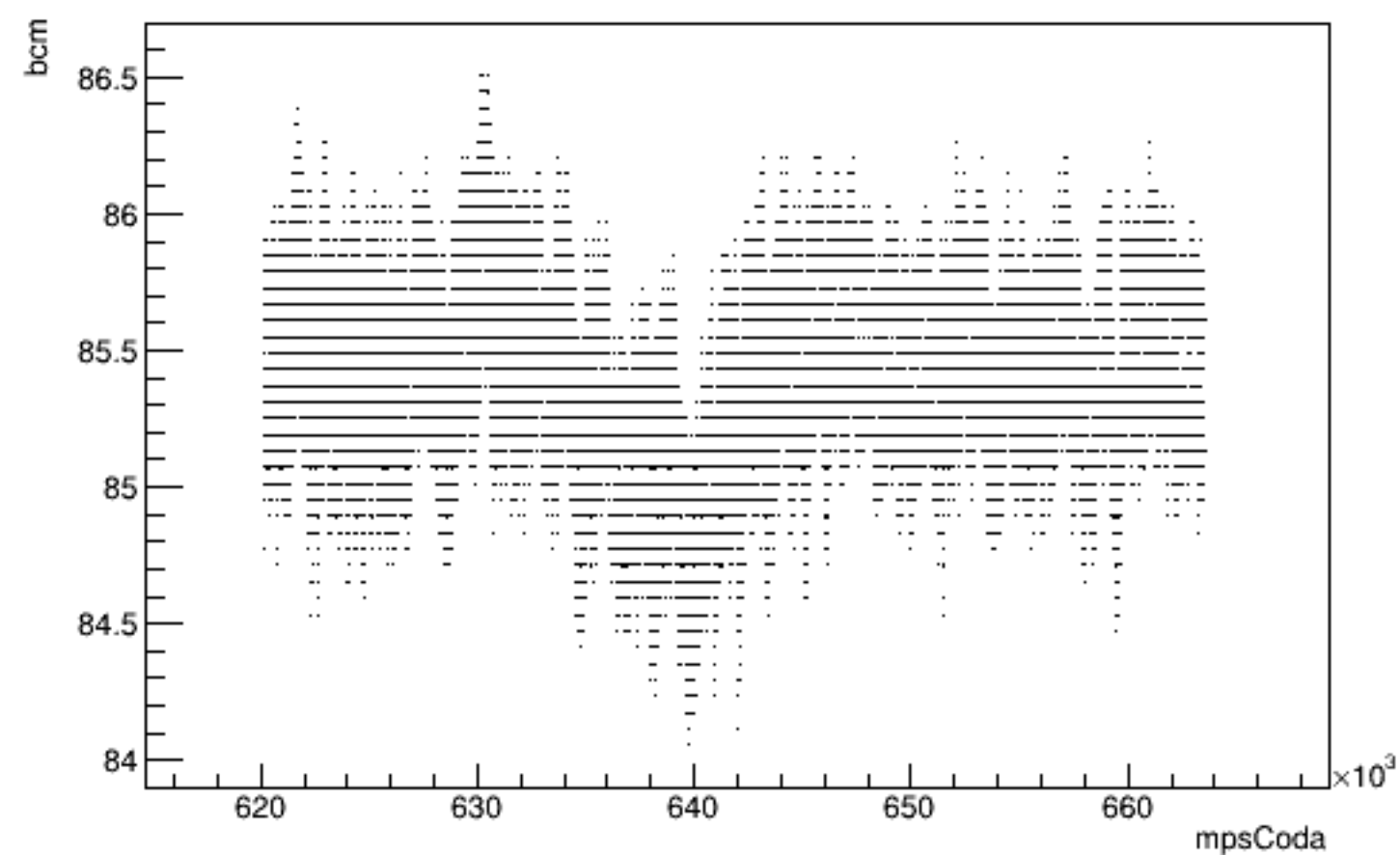
beamState + 1:mpsCoda {mpsCoda>=620111 && mpsCoda<=663542}



cavPowerCalibrated:mpsCoda {mpsCoda>=620111 && mpsCoda<=663542}



bcm:mpsCoda {mpsCoda>=620111 && mpsCoda<=663542}



Cycle 9, Diffs

Entries: 921

Mean: -0.0024 +/- 0.0065

Std Dev: 0.1967 +/- 0.0046

Entries: 3817

Mean: 0.1257 +/- 0.0047

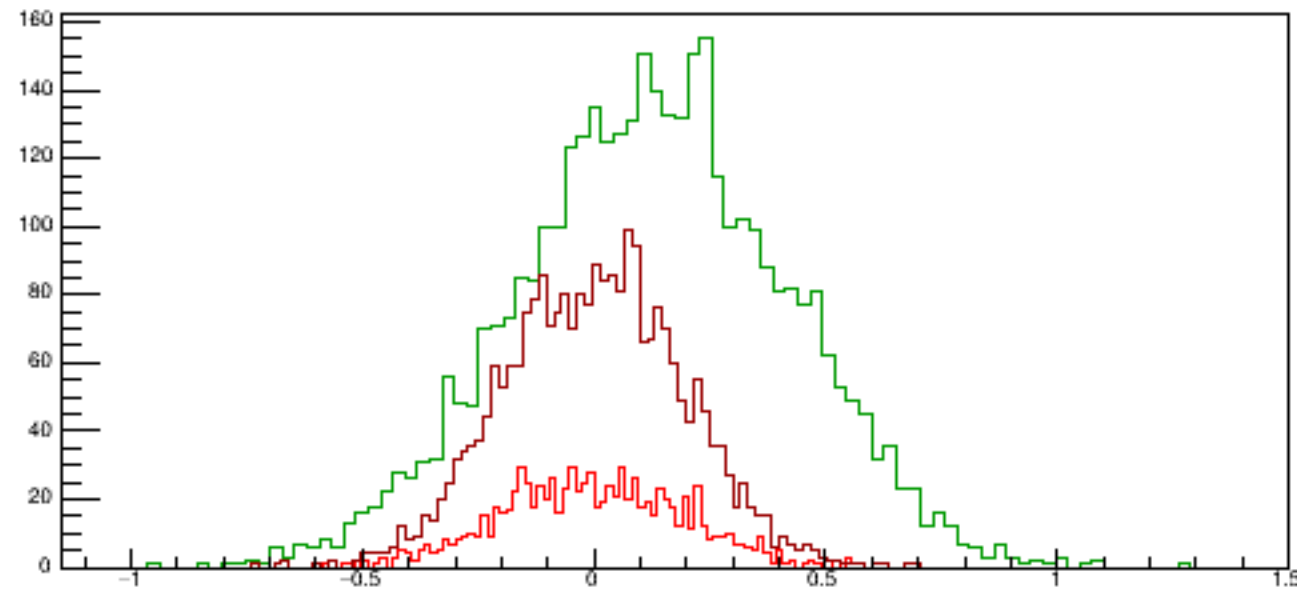
Std Dev: 0.2916 +/- 0.0033

Entries: 2548

Mean: -0.0005 +/- 0.0038

Std Dev: 0.1927 +/- 0.0027

Run 4608 quartetwise, Diffs



Cycle 9, Sums

Entries: 921

Mean: 14.5945 +/- 0.0078

Std Dev: 0.2370 +/- 0.0055

Entries: 3817

Mean: 23.1682 +/- 0.0078

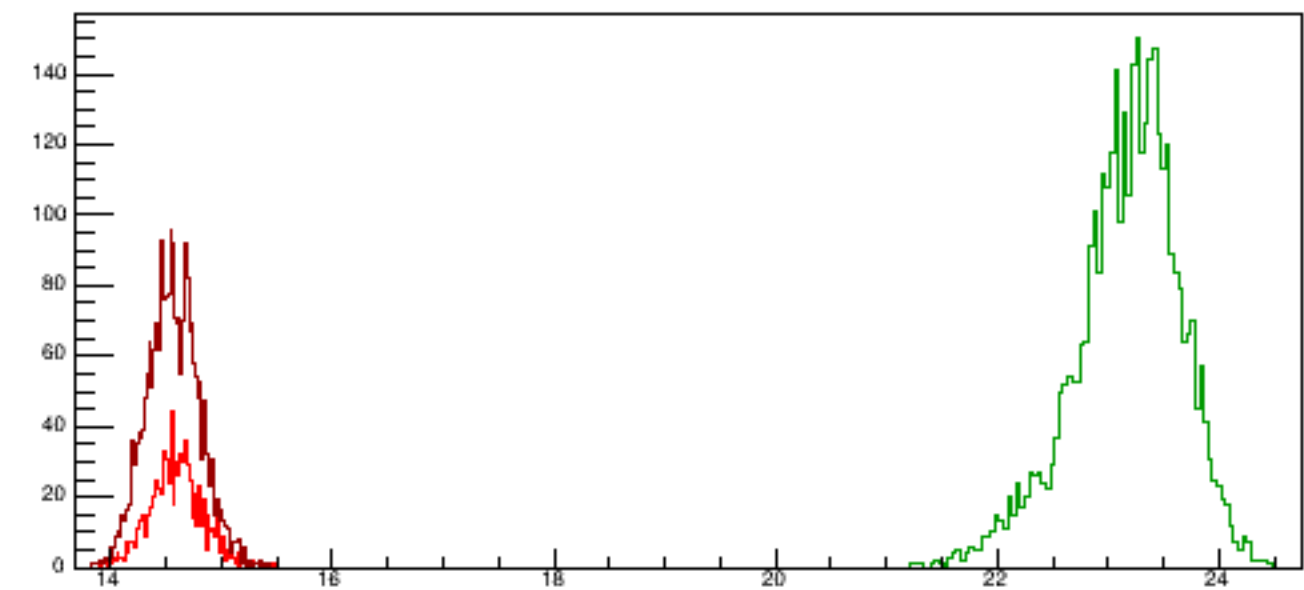
Std Dev: 0.4815 +/- 0.0055

Entries: 2548

Mean: 14.5651 +/- 0.0047

Std Dev: 0.2386 +/- 0.0033

Run 4608 quartetwise, Sums



Cycle 9, Asyms

Entries: 921

Mean: -0.0003 +/- 0.0008

Std Dev: 0.0229 +/- 0.0005

Entries: 3817

Mean: 0.0147 +/- 0.0006

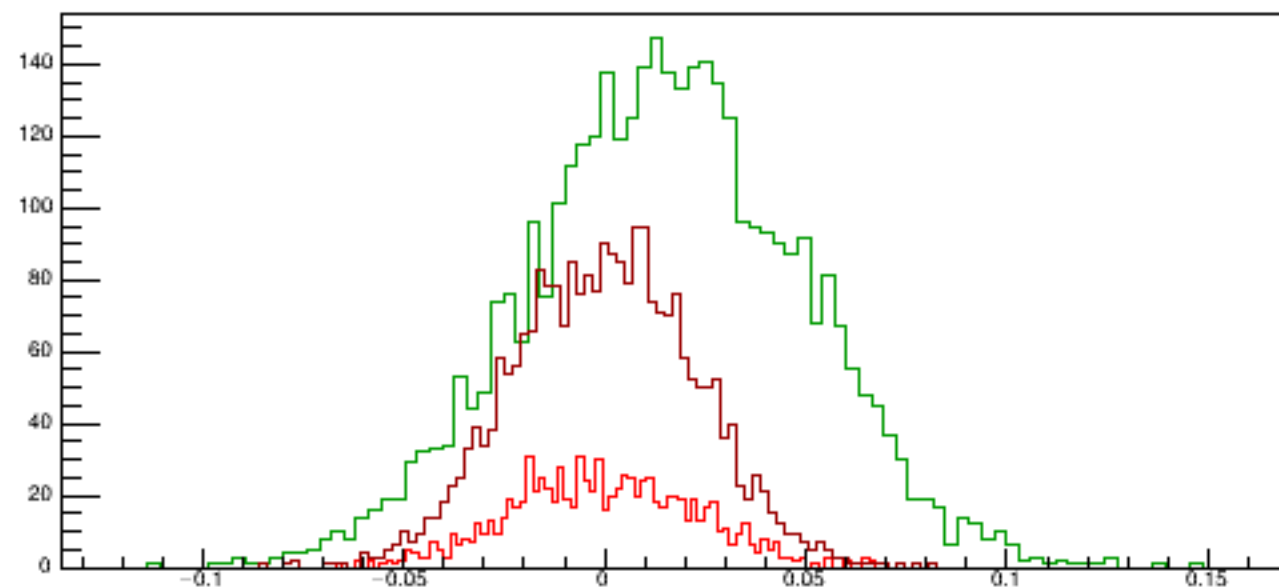
Std Dev: 0.0342 +/- 0.0004

Entries: 2548

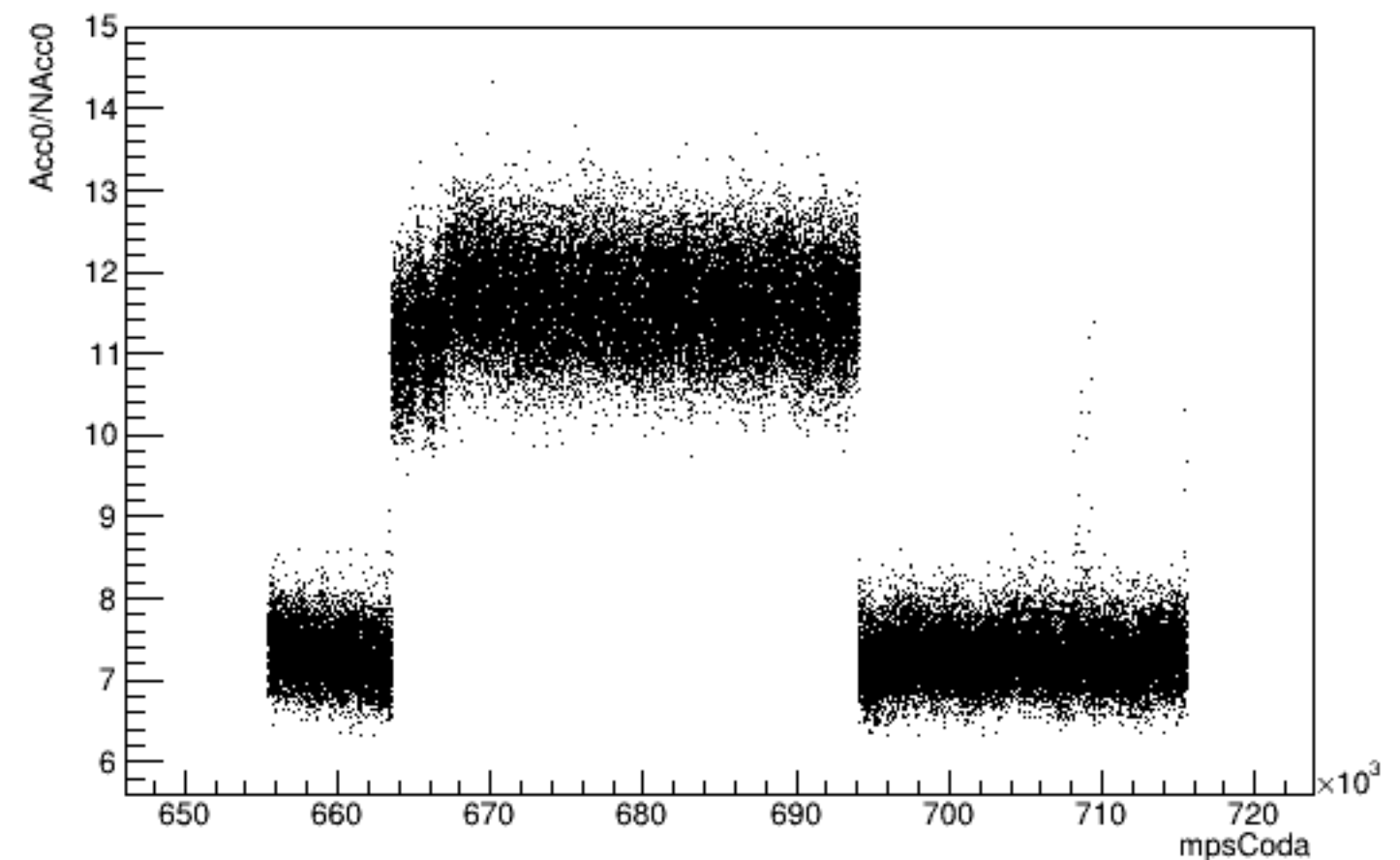
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0224 +/- 0.0003

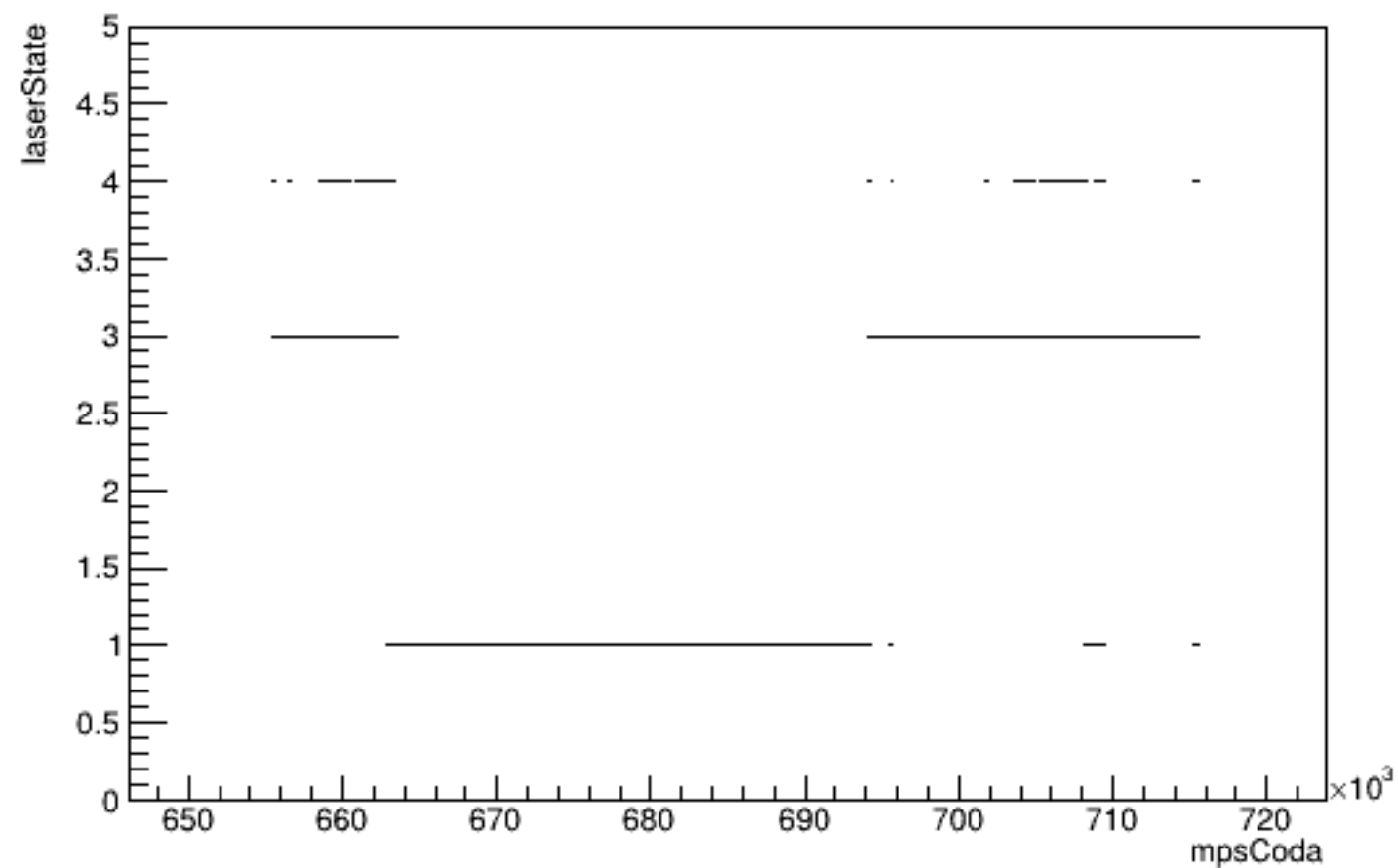
Run 4608 quartetwise, Asyms



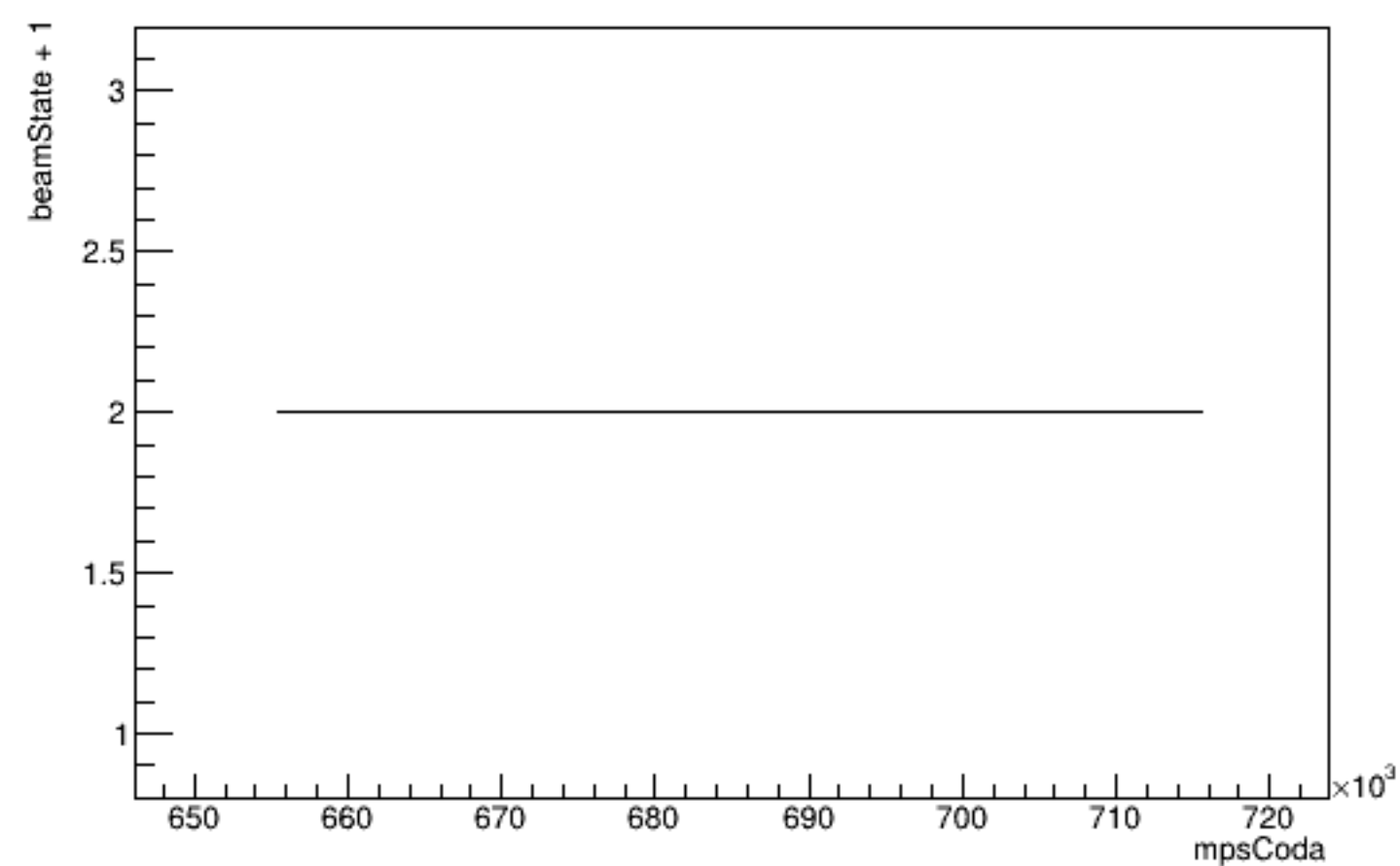
Acc0/NAcc0:mpsCoda {mpsCoda>=655471 && mpsCoda<=715526 && beamState==1}



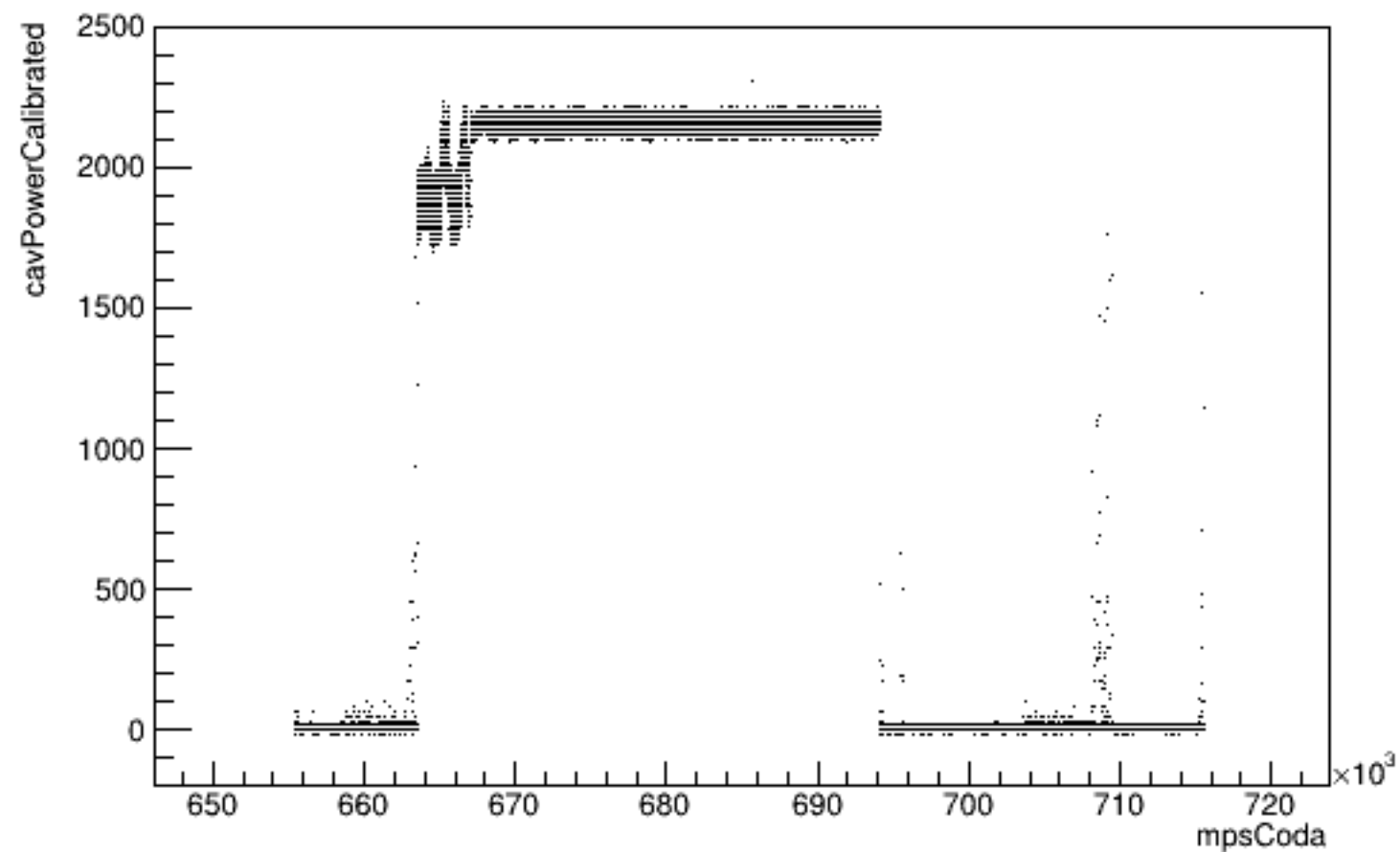
laserState:mpsCoda {mpsCoda>=655471 && mpsCoda<=715526}



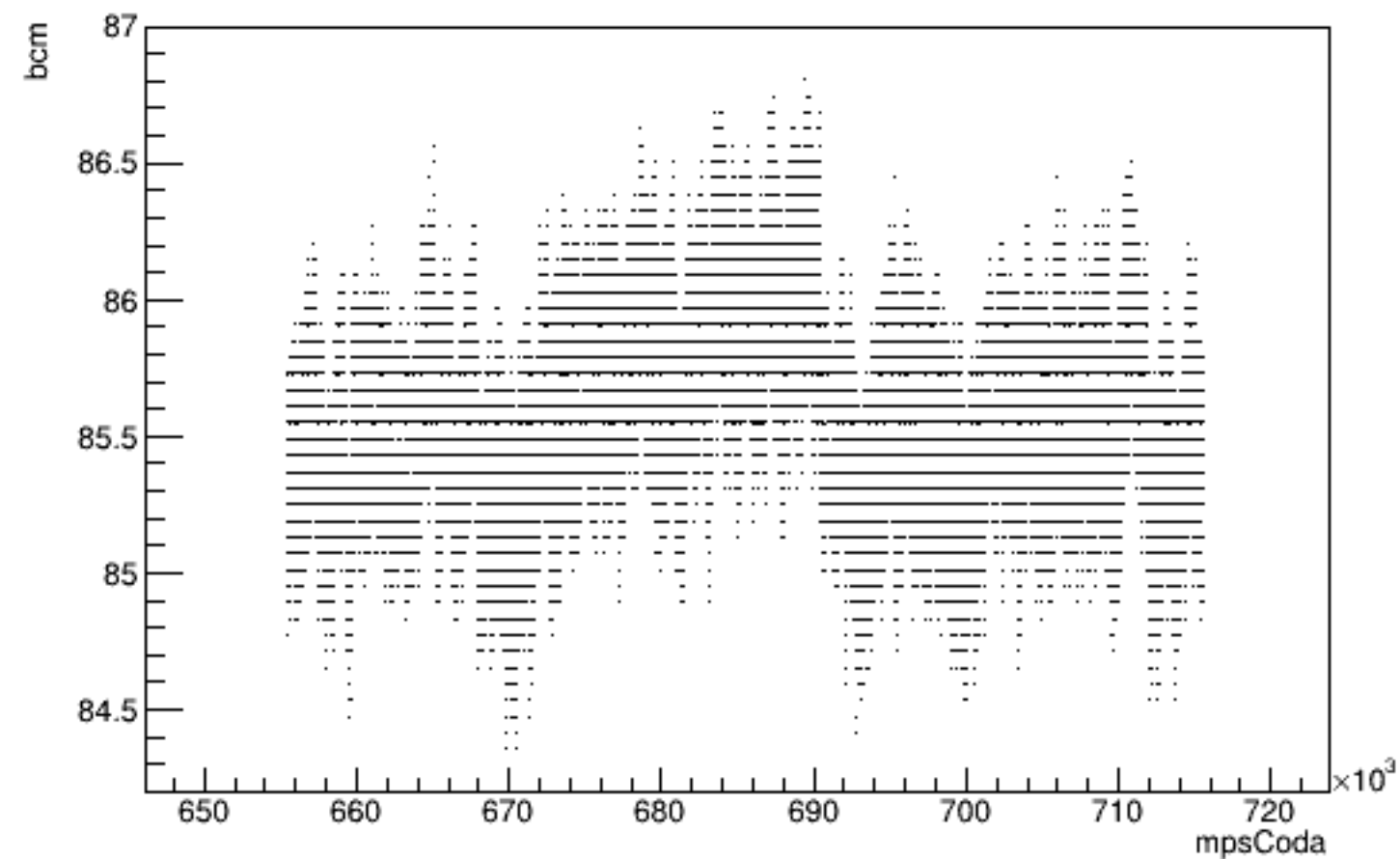
beamState + 1:mpsCoda {mpsCoda>=655471 && mpsCoda<=715526}



cavPowerCalibrated:mpsCoda {mpsCoda>=655471 && mpsCoda<=715526}



bcm:mpsCoda {mpsCoda>=655471 && mpsCoda<=715526}



Cycle 10, Diffs

Entries: 2548

Mean: -0.0005 +/- 0.0038

Std Dev: 0.1927 +/- 0.0027

Entries: 4291

Mean: 0.1242 +/- 0.0043

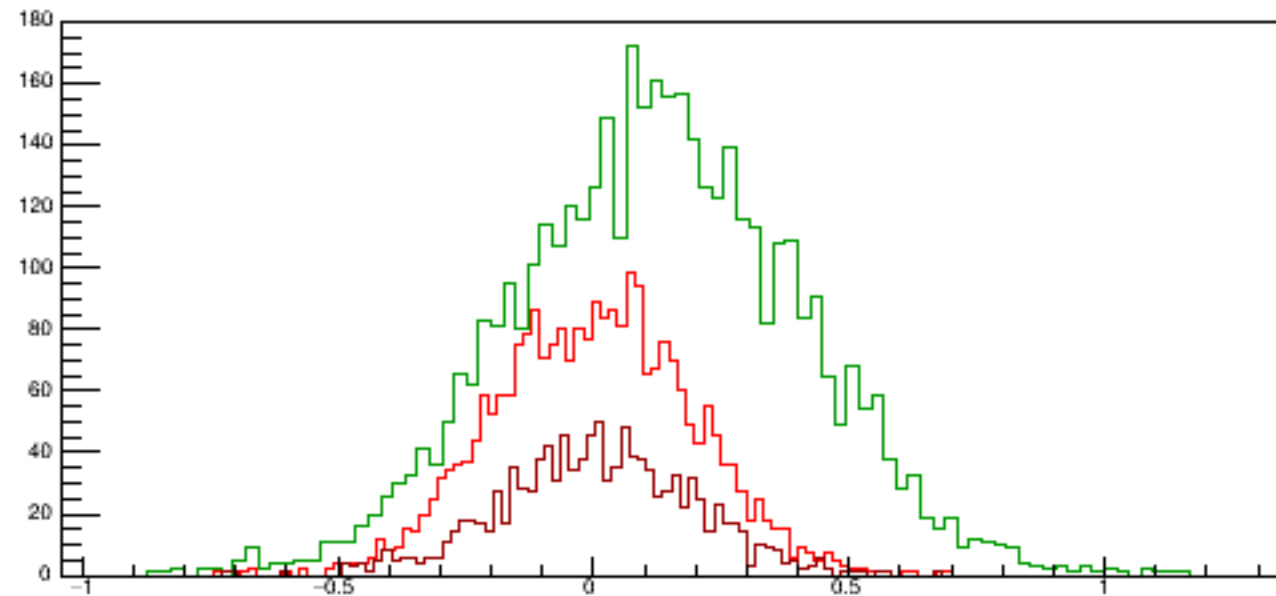
Std Dev: 0.2811 +/- 0.0030

Entries: 1145

Mean: 0.0060 +/- 0.0056

Std Dev: 0.1890 +/- 0.0039

Run 4608 quartetwise, Diffs



Cycle 10, Sums

Entries: 2548

Mean: 14.5651 +/- 0.0047

Std Dev: 0.2386 +/- 0.0033

Entries: 4291

Mean: 23.0533 +/- 0.0069

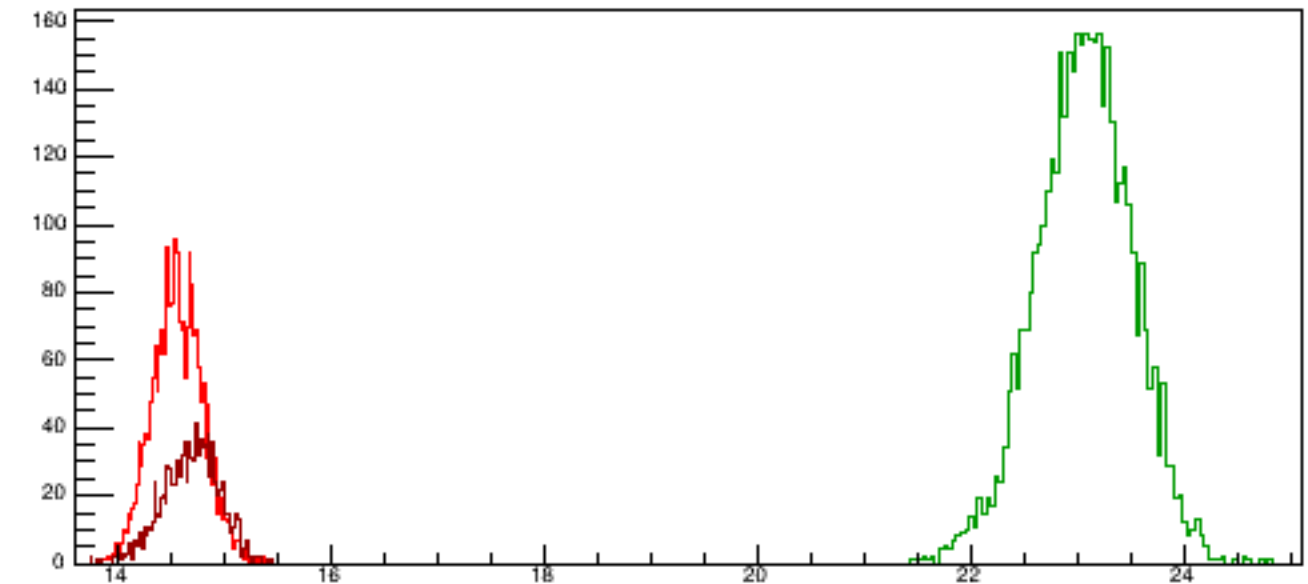
Std Dev: 0.4489 +/- 0.0048

Entries: 1145

Mean: 14.6846 +/- 0.0077

Std Dev: 0.2619 +/- 0.0055

Run 4608 quartetwise, Sums



Cycle 10, Asyms

Entries: 2548

Mean: -0.0001 +/- 0.0005

Std Dev: 0.0229 +/- 0.0003

Entries: 4291

Mean: 0.0148 +/- 0.0005

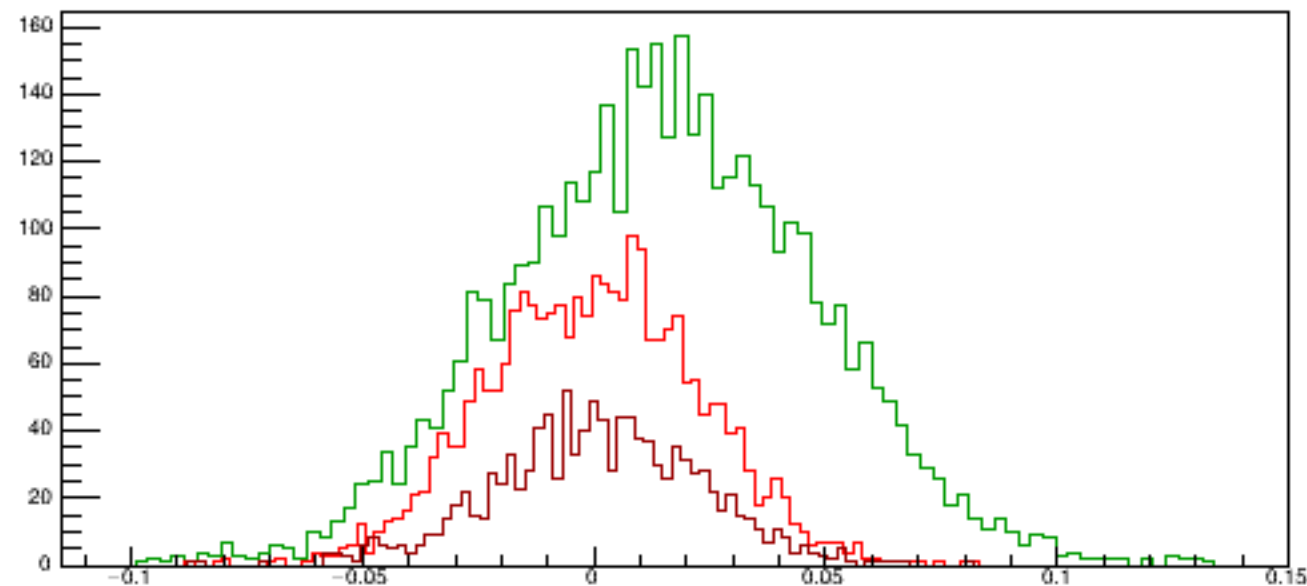
Std Dev: 0.0334 +/- 0.0004

Entries: 1145

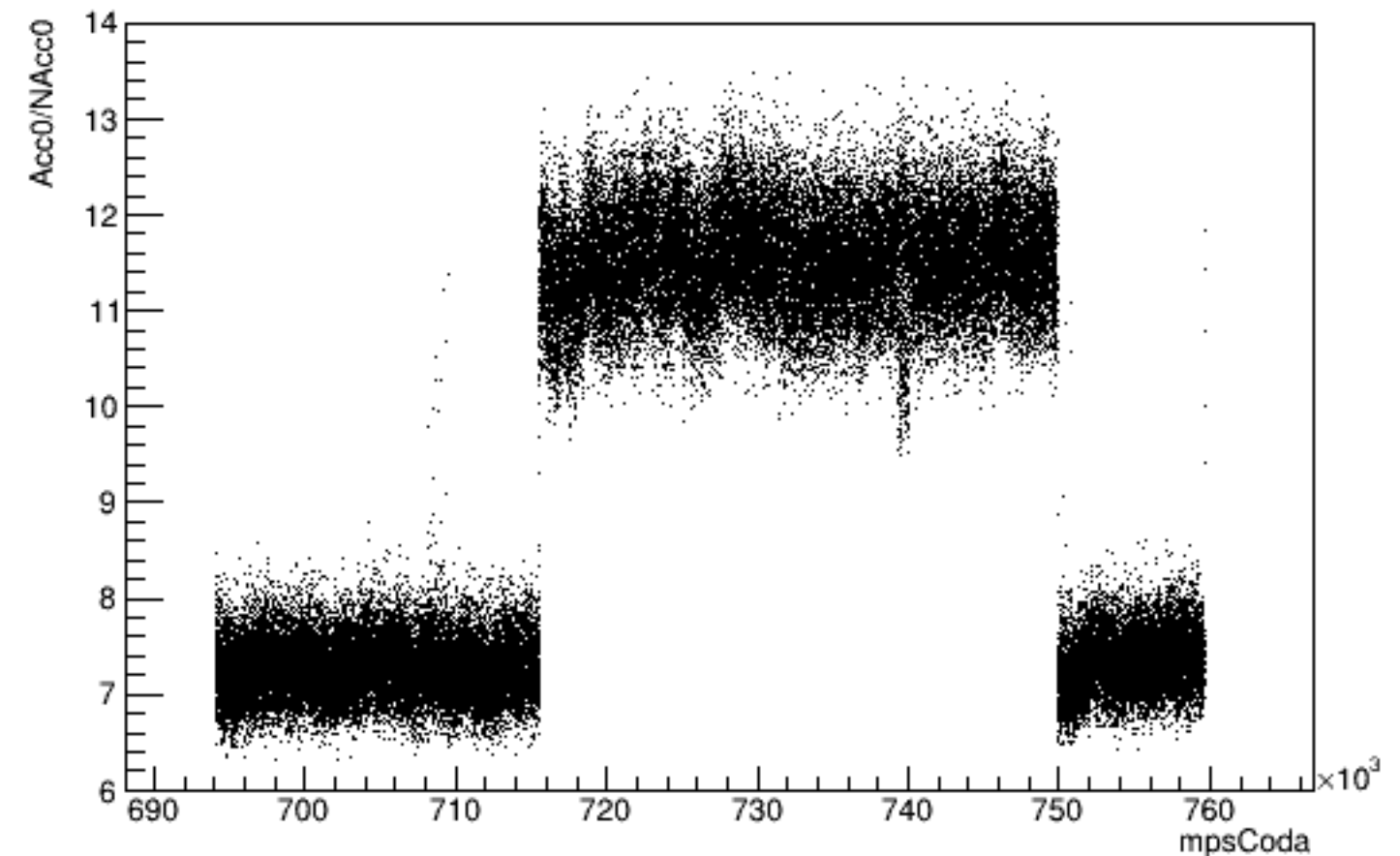
Mean: 0.0007 +/- 0.0007

Std Dev: 0.0224 +/- 0.0005

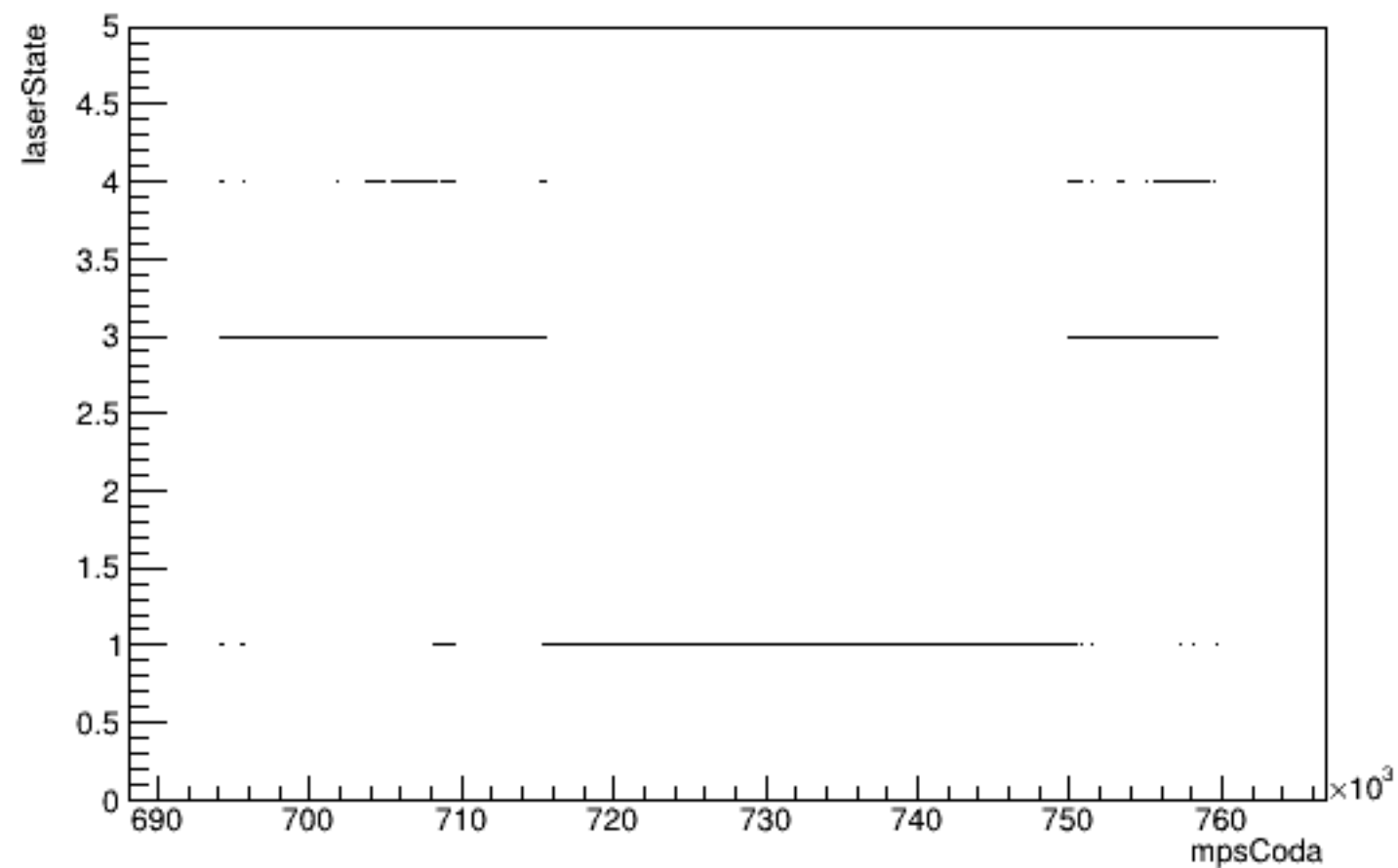
Run 4608 quartetwise, Asyms



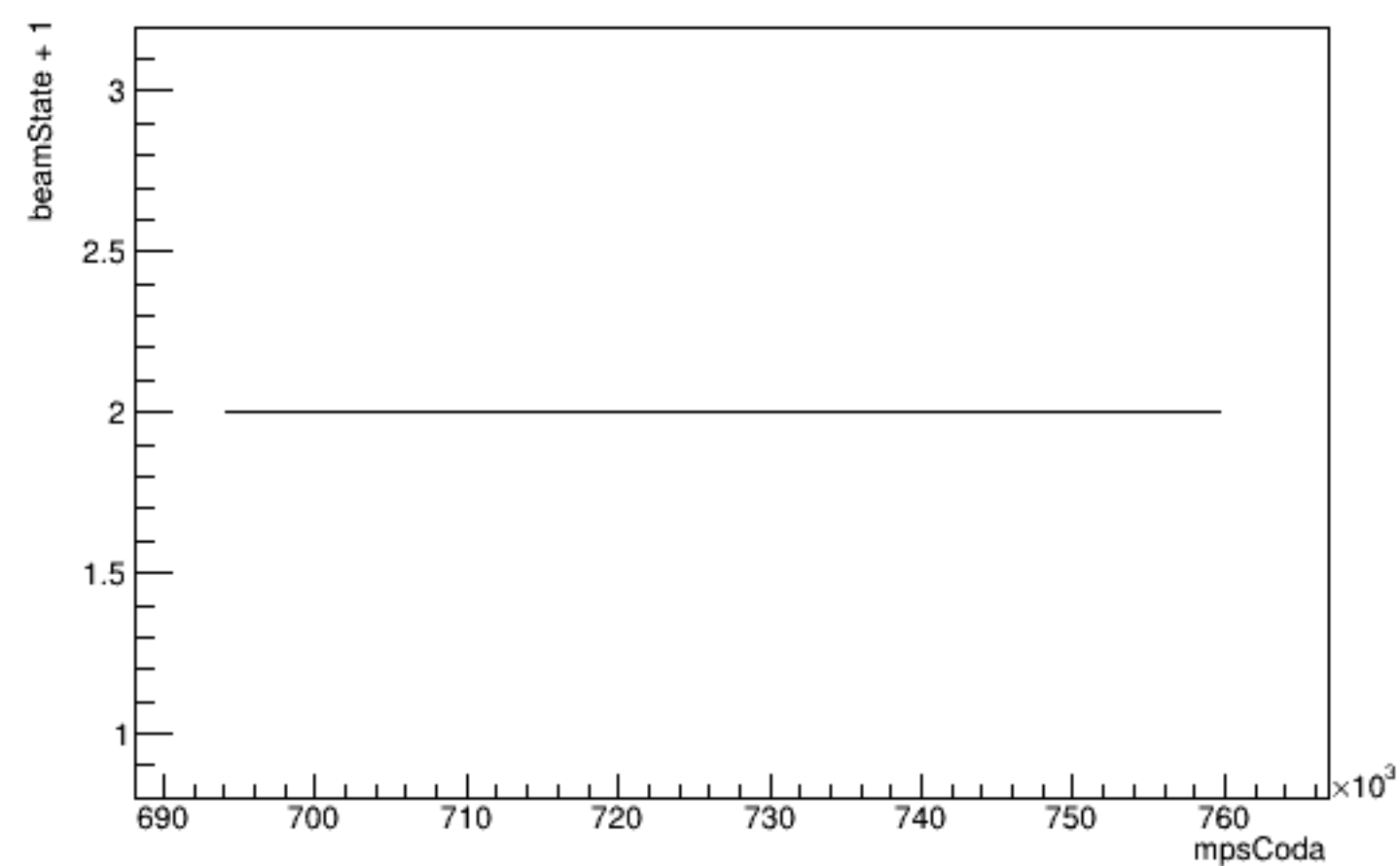
Acc0/NAcc0:mpsCoda {mpsCoda>=694087 && mpsCoda<=759622 && beamState==1}



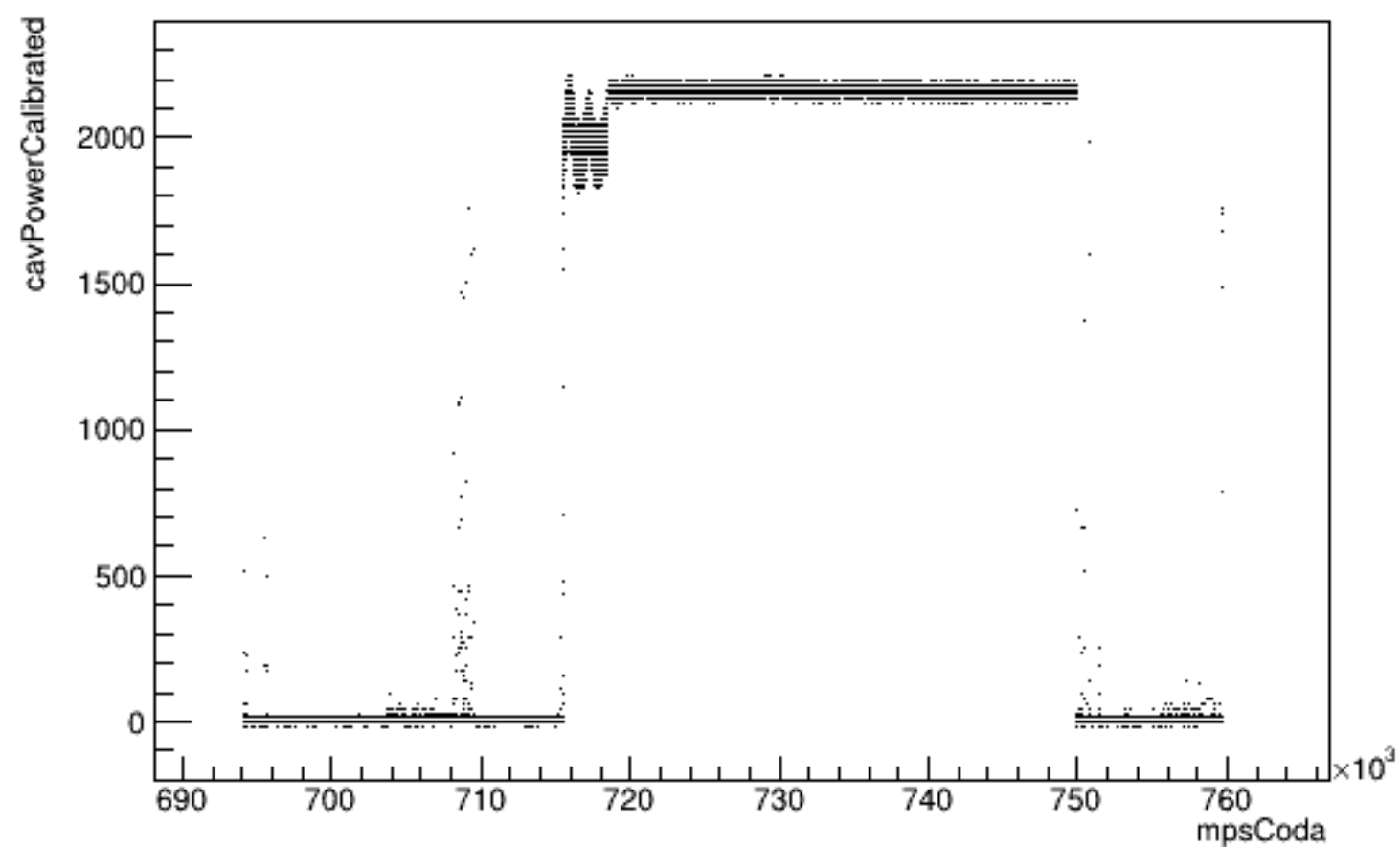
laserState:mpsCoda {mpsCoda>=694087 && mpsCoda<=759622}



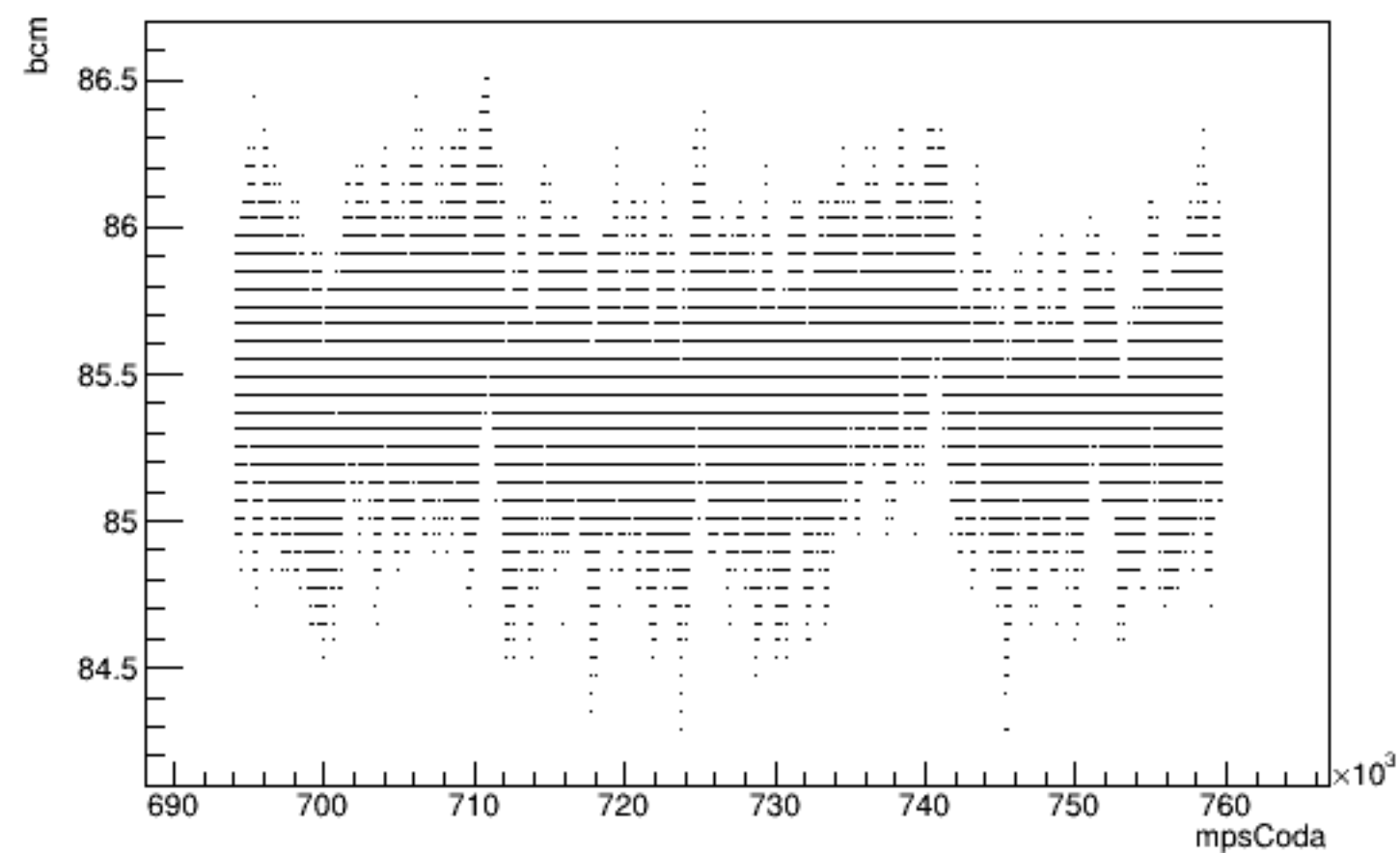
beamState + 1:mpsCoda {mpsCoda>=694087 && mpsCoda<=759622}



cavPowerCalibrated:mpsCoda {mpsCoda>=694087 && mpsCoda<=759622}



bcm:mpsCoda {mpsCoda>=694087 && mpsCoda<=759622}



Cycle 11, Diffs

Entries: 1145

Mean: 0.0060 +/- 0.0056

Std Dev: 0.1890 +/- 0.0039

Entries: 4705

Mean: 0.1277 +/- 0.0041

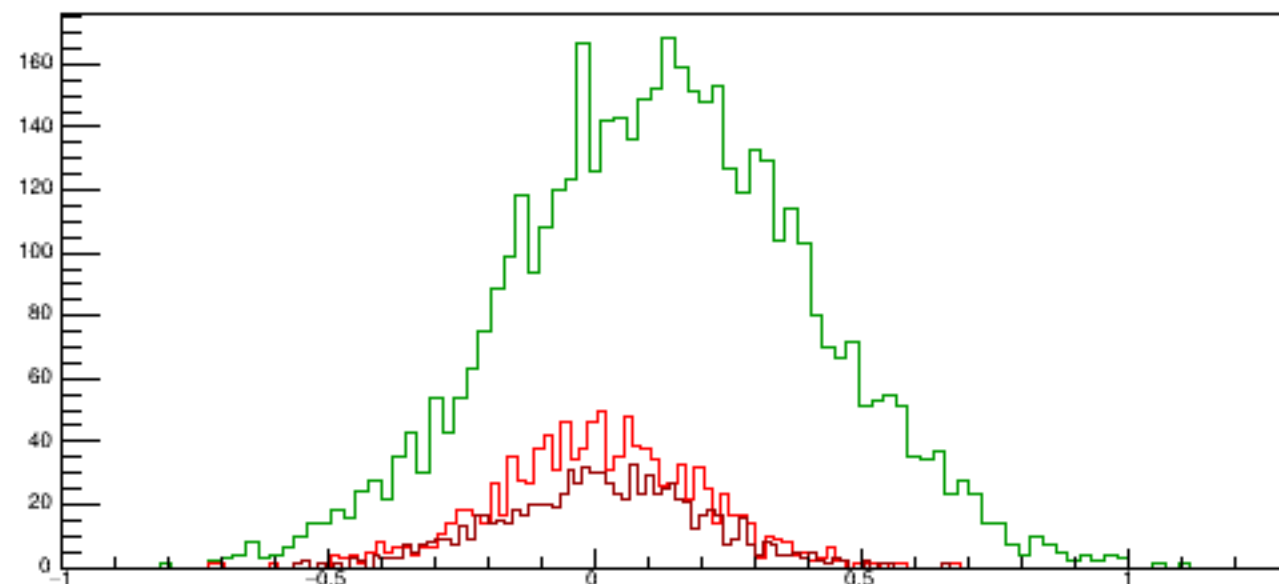
Std Dev: 0.2828 +/- 0.0029

Entries: 892

Mean: 0.0111 +/- 0.0064

Std Dev: 0.1898 +/- 0.0045

Run 4608 quartetwise, Diffs



Cycle 11, Sums

Entries: 1145

Mean: 14.6846 +/- 0.0077

Std Dev: 0.2619 +/- 0.0055

Entries: 4705

Mean: 23.2374 +/- 0.0069

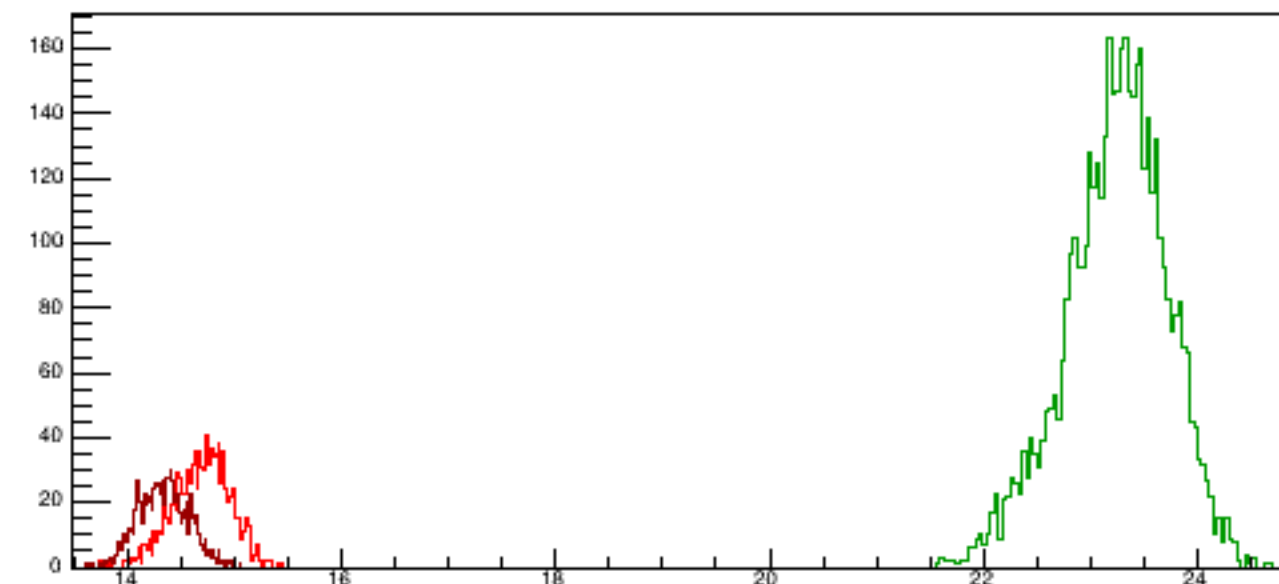
Std Dev: 0.4766 +/- 0.0049

Entries: 892

Mean: 14.3340 +/- 0.0079

Std Dev: 0.2357 +/- 0.0056

Run 4608 quartetwise, Sums



Cycle 11, Asyms

Entries: 1145

Mean: 0.0007 +/- 0.0006

Std Dev: 0.0217 +/- 0.0005

Entries: 4705

Mean: 0.0147 +/- 0.0005

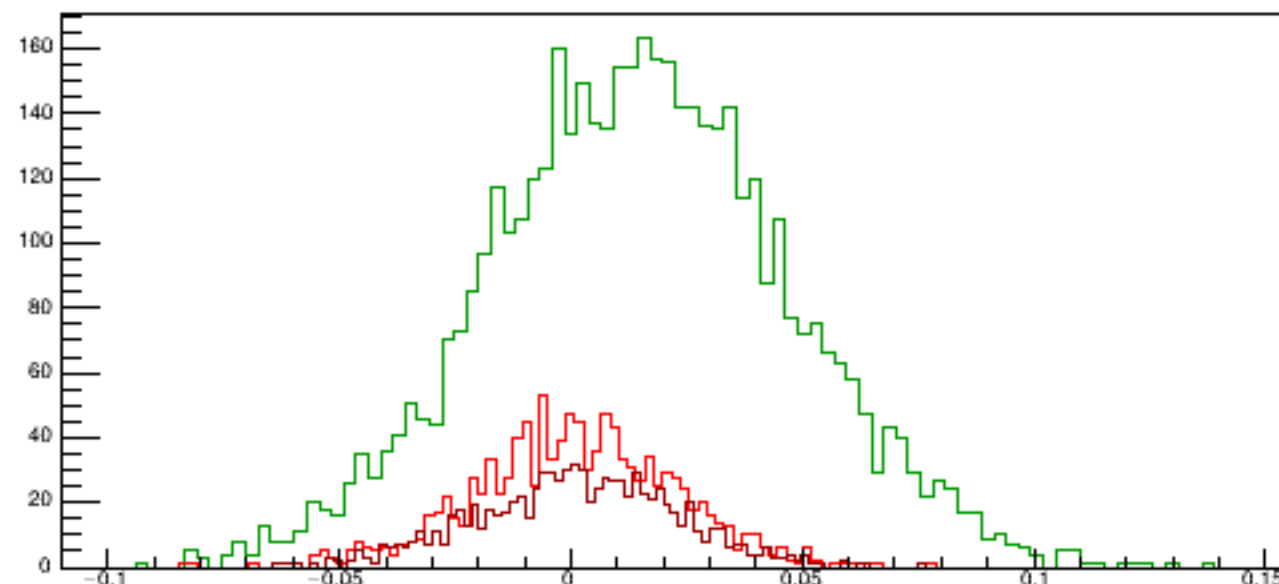
Std Dev: 0.0326 +/- 0.0003

Entries: 892

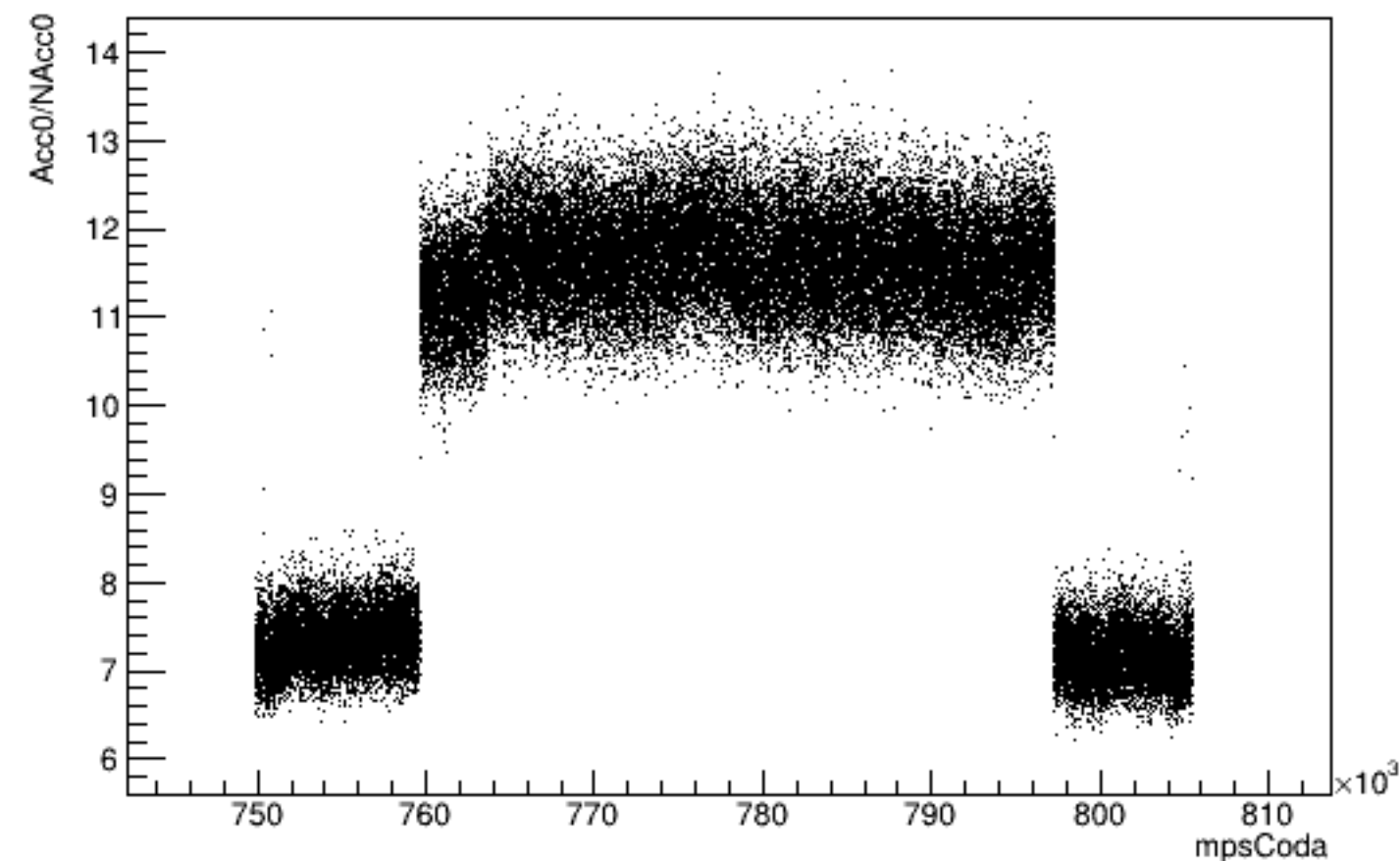
Mean: 0.0013 +/- 0.0007

Std Dev: 0.0218 +/- 0.0005

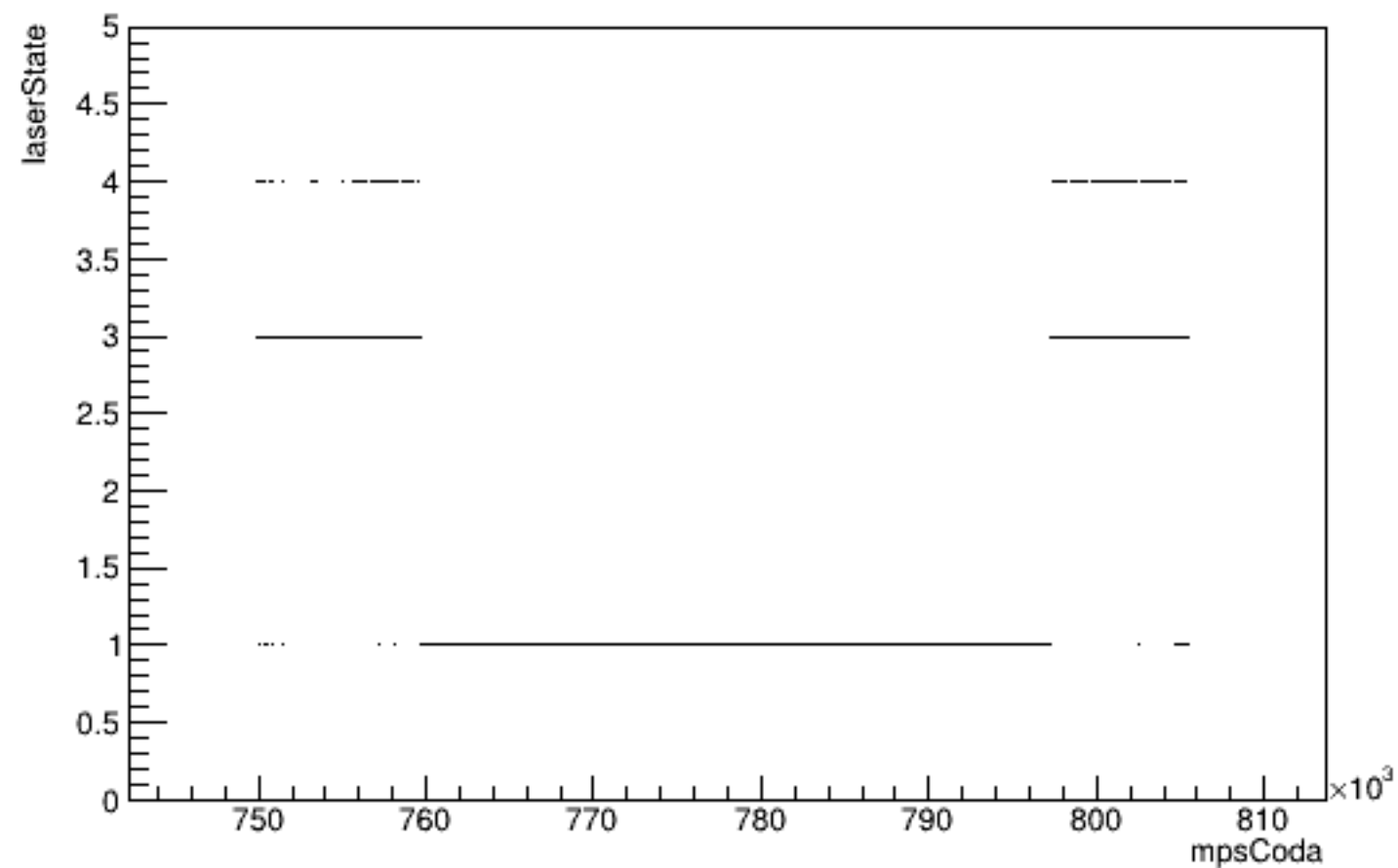
Run 4608 quartetwise, Asyms



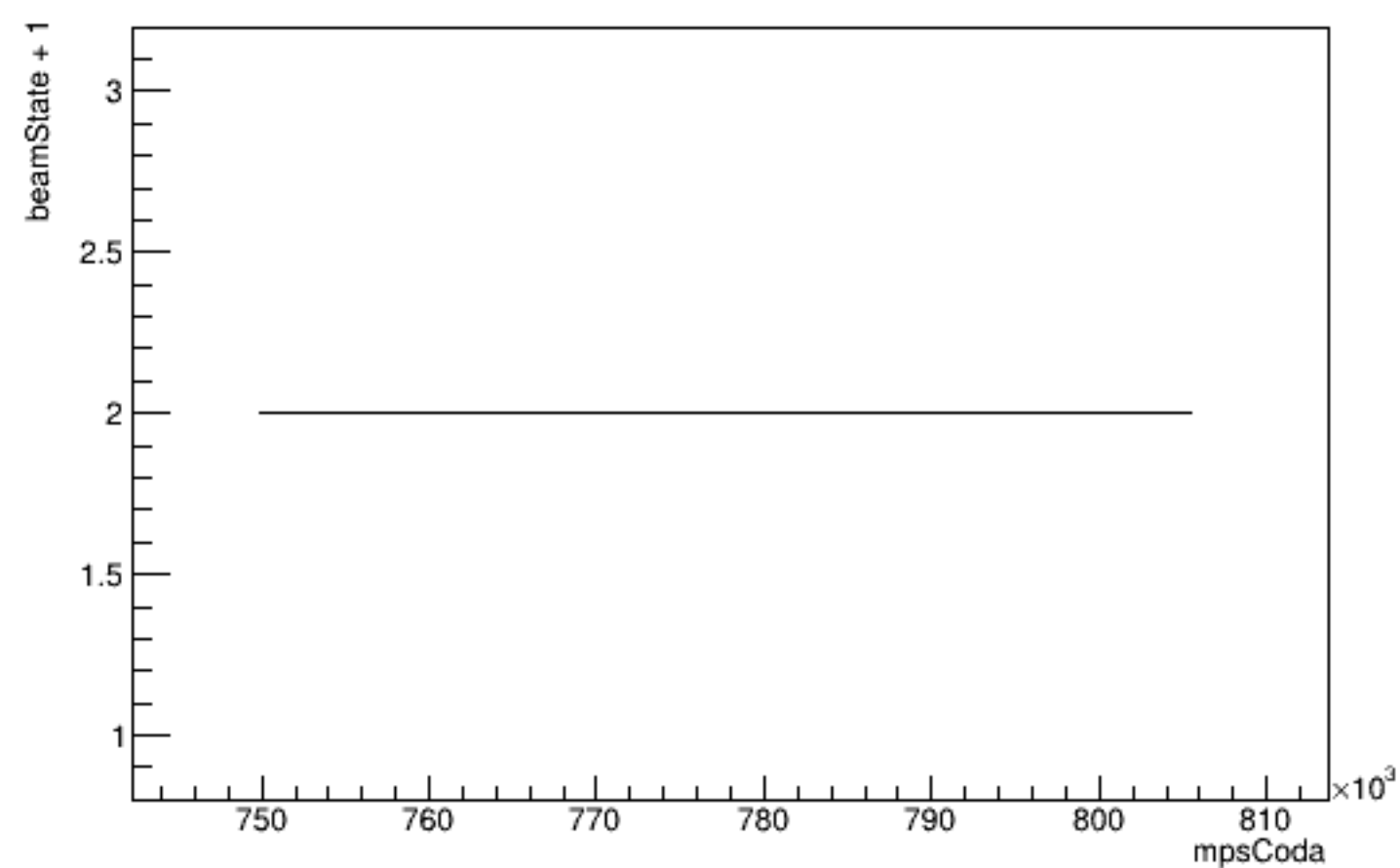
Acc0/NAcc0:mpsCoda {mpsCoda>=749863 && mpsCoda<=805438 && beamState==1}



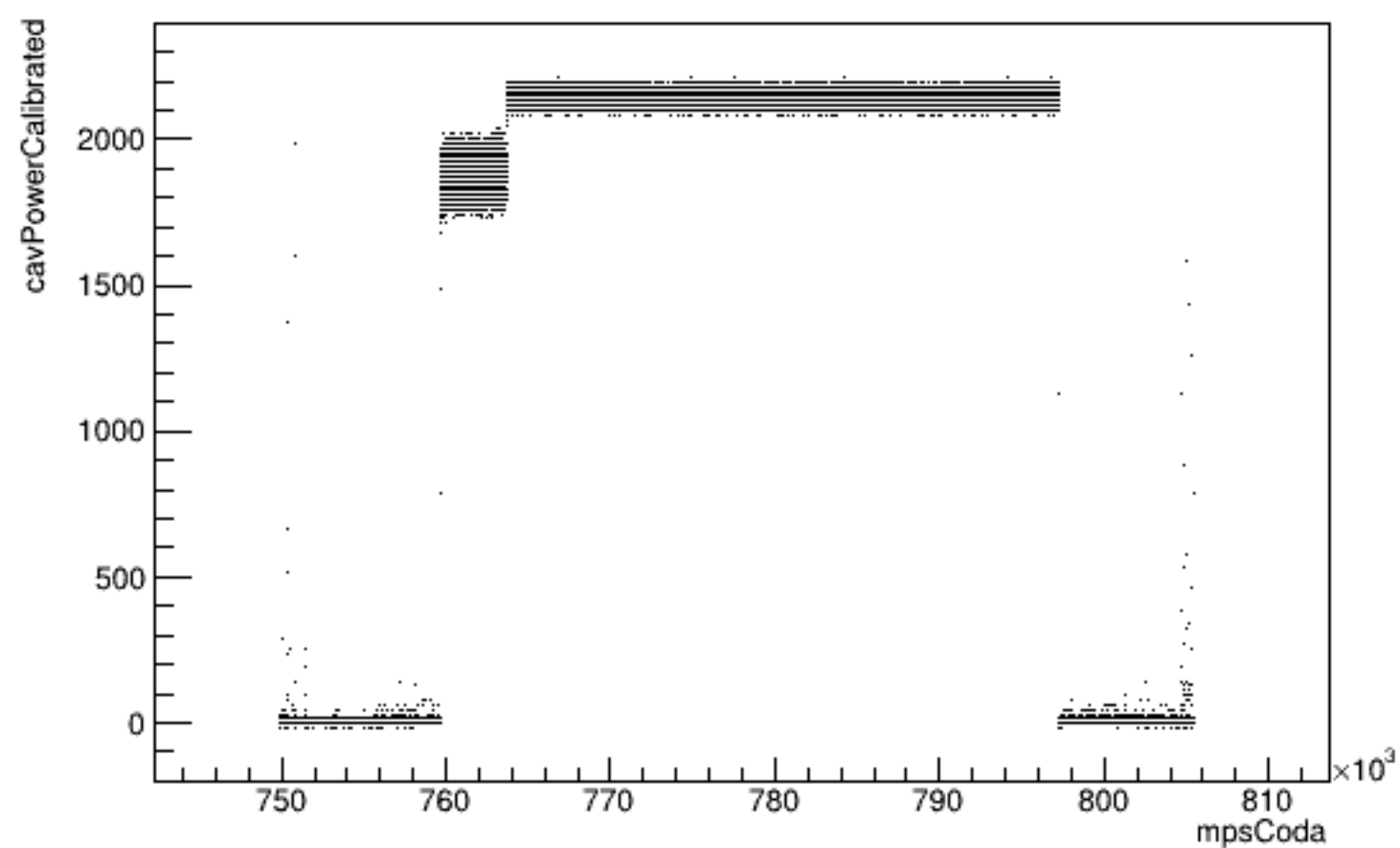
laserState:mpsCoda {mpsCoda>=749863 && mpsCoda<=805438}



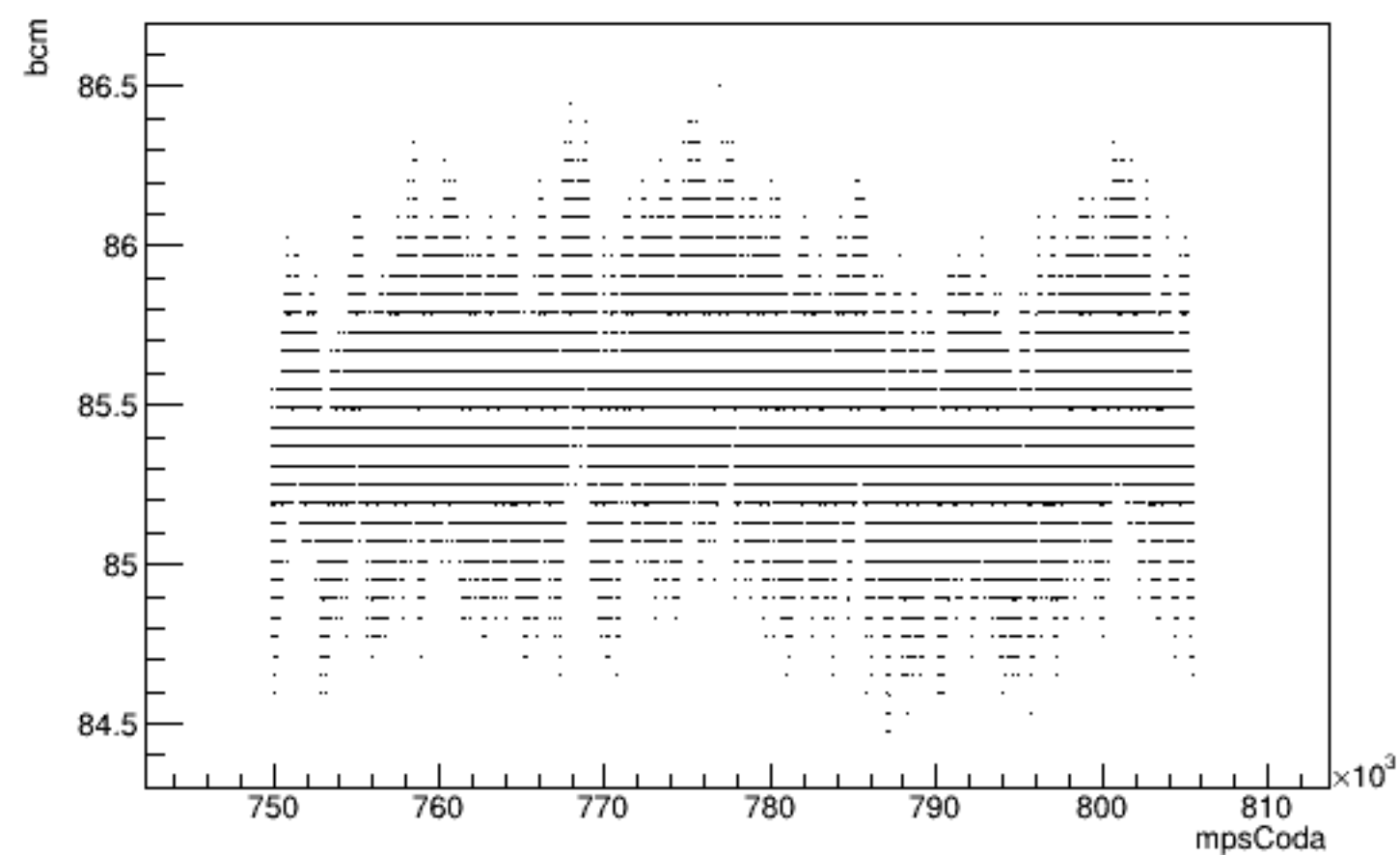
beamState + 1:mpsCoda {mpsCoda>=749863 && mpsCoda<=805438}



cavPowerCalibrated:mpsCoda {mpsCoda>=749863 && mpsCoda<=805438}

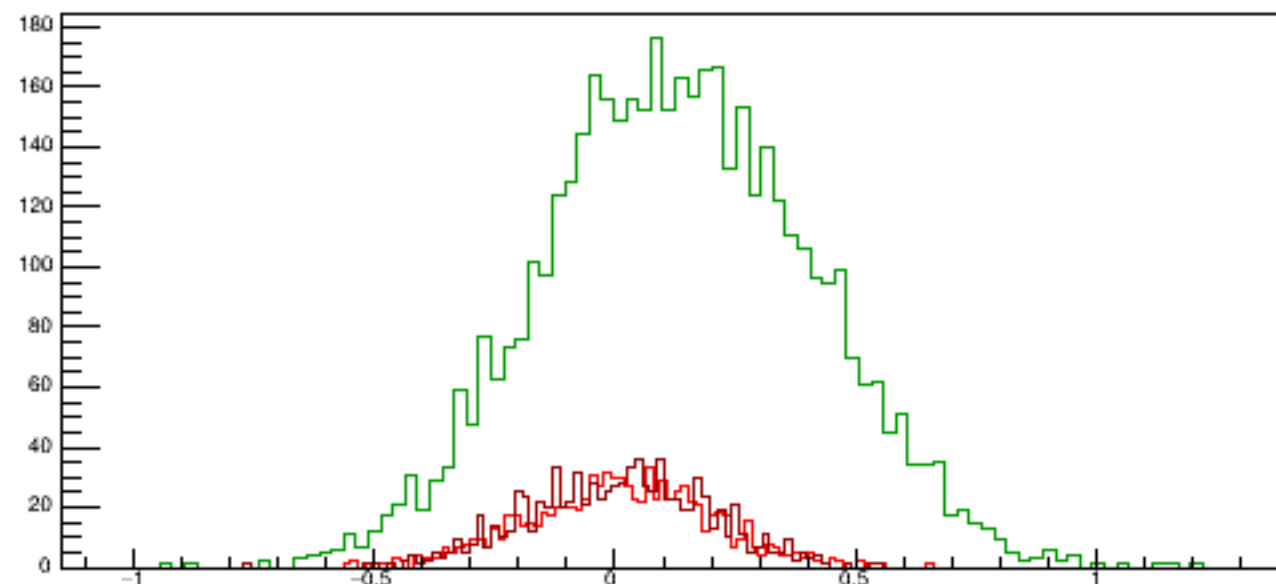


bcm:mpsCoda {mpsCoda>=749863 && mpsCoda<=805438}



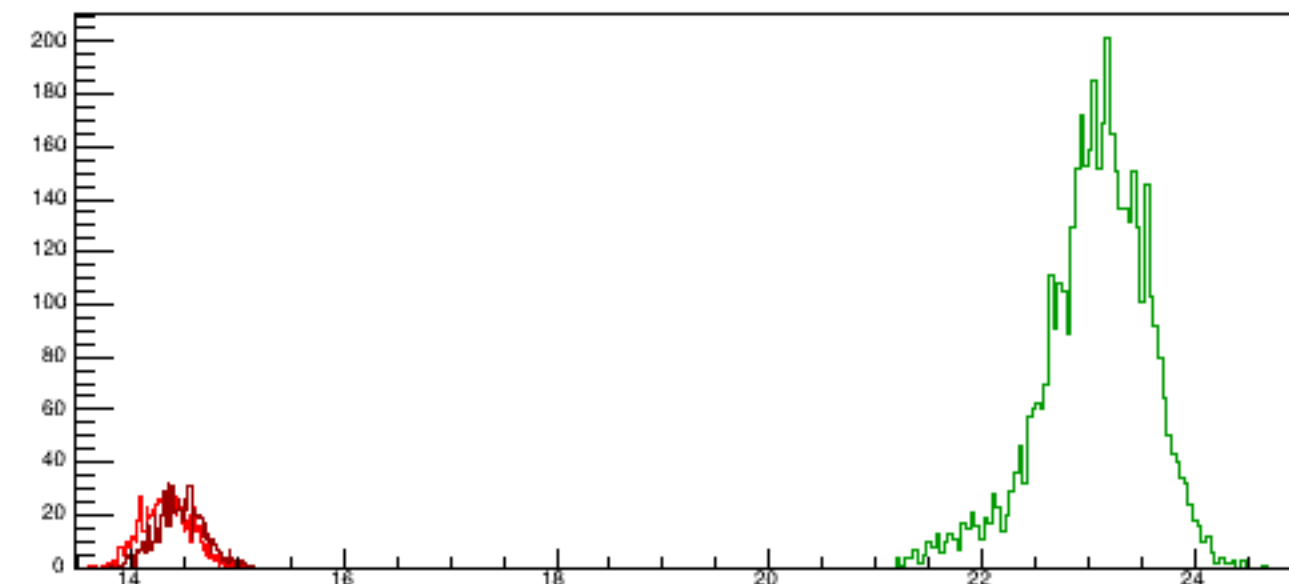
Cycle 12, Diffs

Entries: 892	Entries: 4622	Entries: 899
Mean: 0.0111 +/- 0.0064	Mean: 0.1312 +/- 0.0041	Mean: 0.0057 +/- 0.0062
Std Dev: 0.1898 +/- 0.0045	Std Dev: 0.2793 +/- 0.0029	Std Dev: 0.1845 +/- 0.0044
Run 4608 quartetwise, Diffs		



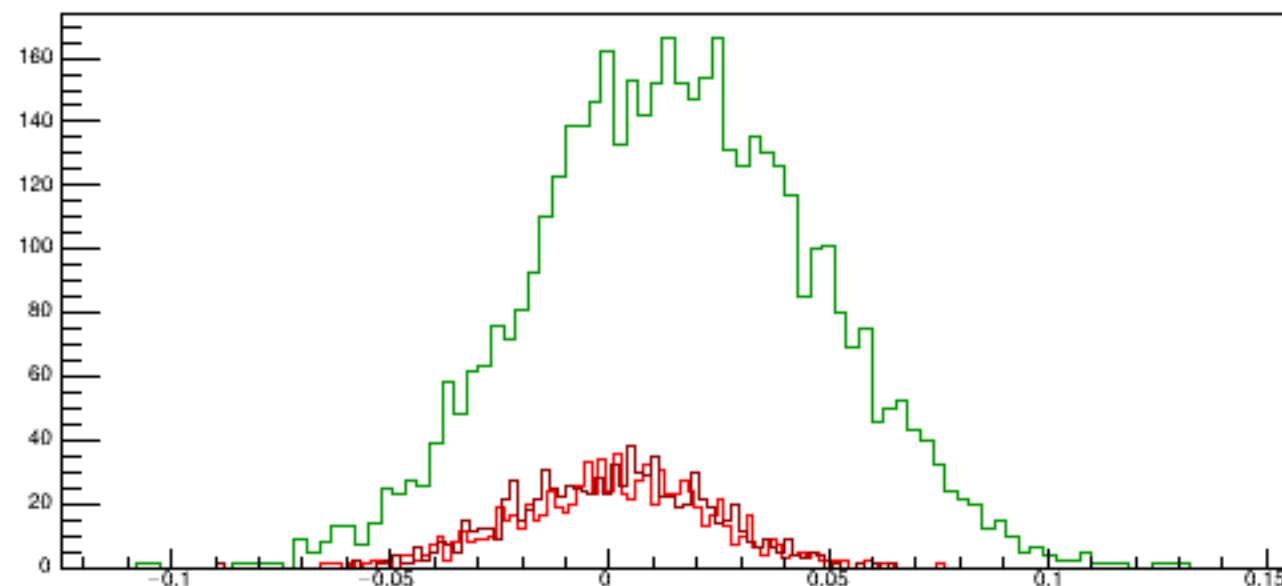
Cycle 12, Sums

Entries: 892	Entries: 4622	Entries: 899
Mean: 14.3340 +/- 0.0079	Mean: 23.0562 +/- 0.0074	Mean: 14.4592 +/- 0.0078
Std Dev: 0.2357 +/- 0.0056	Std Dev: 0.5032 +/- 0.0052	Std Dev: 0.2330 +/- 0.0055
Run 4608 quartetwise, Sums		

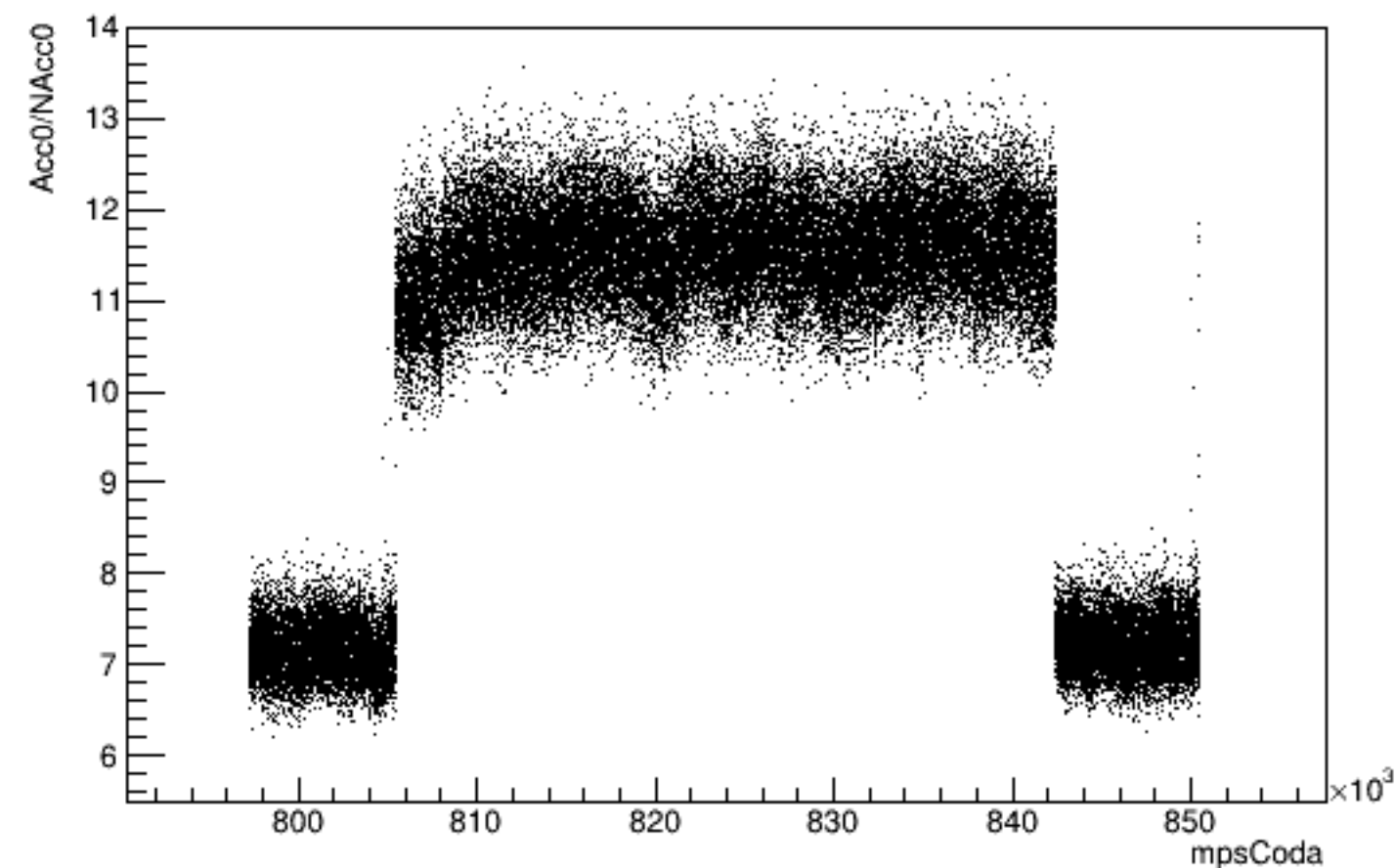


Cycle 12, Asyms

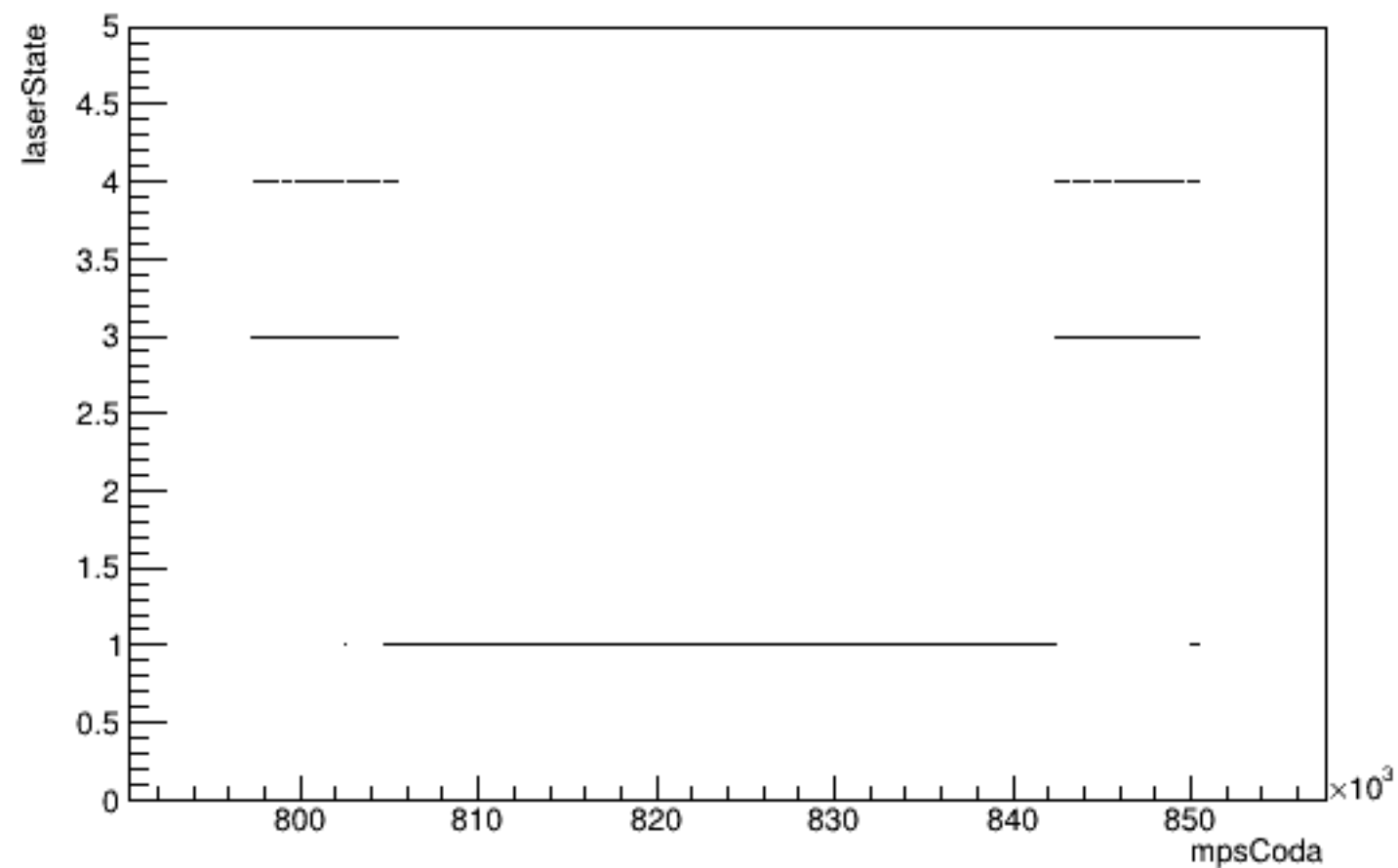
Entries: 892	Entries: 4622	Entries: 899
Mean: 0.0013 +/- 0.0007	Mean: 0.0151 +/- 0.0005	Mean: 0.0007 +/- 0.0007
Std Dev: 0.0219 +/- 0.0005	Std Dev: 0.0323 +/- 0.0003	Std Dev: 0.0213 +/- 0.0005
Run 4608 quartetwise, Asyms		



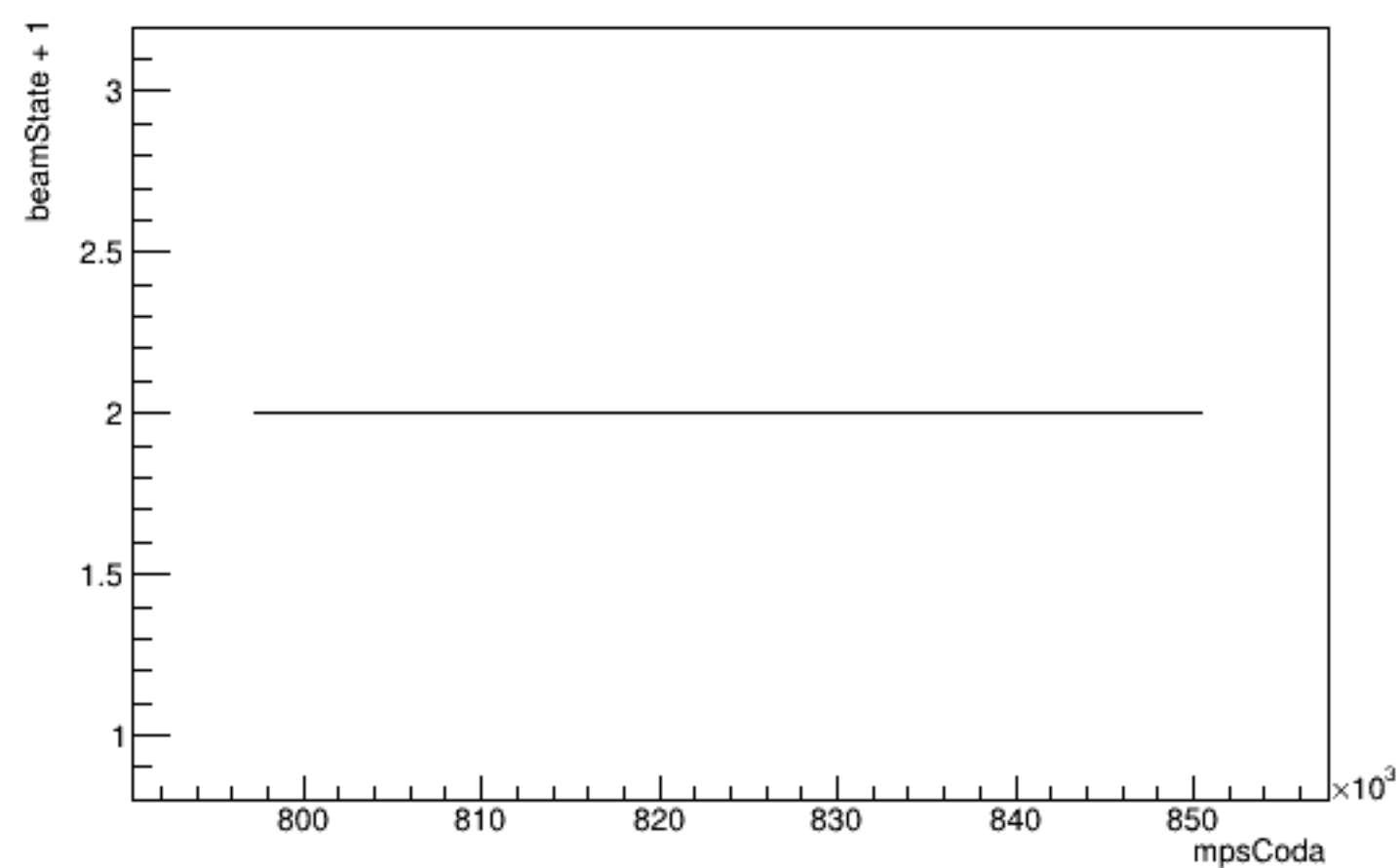
Acc0/NAcc0:mpsCoda {mpsCoda>=797271 && mpsCoda<=850486 && beamState==1}



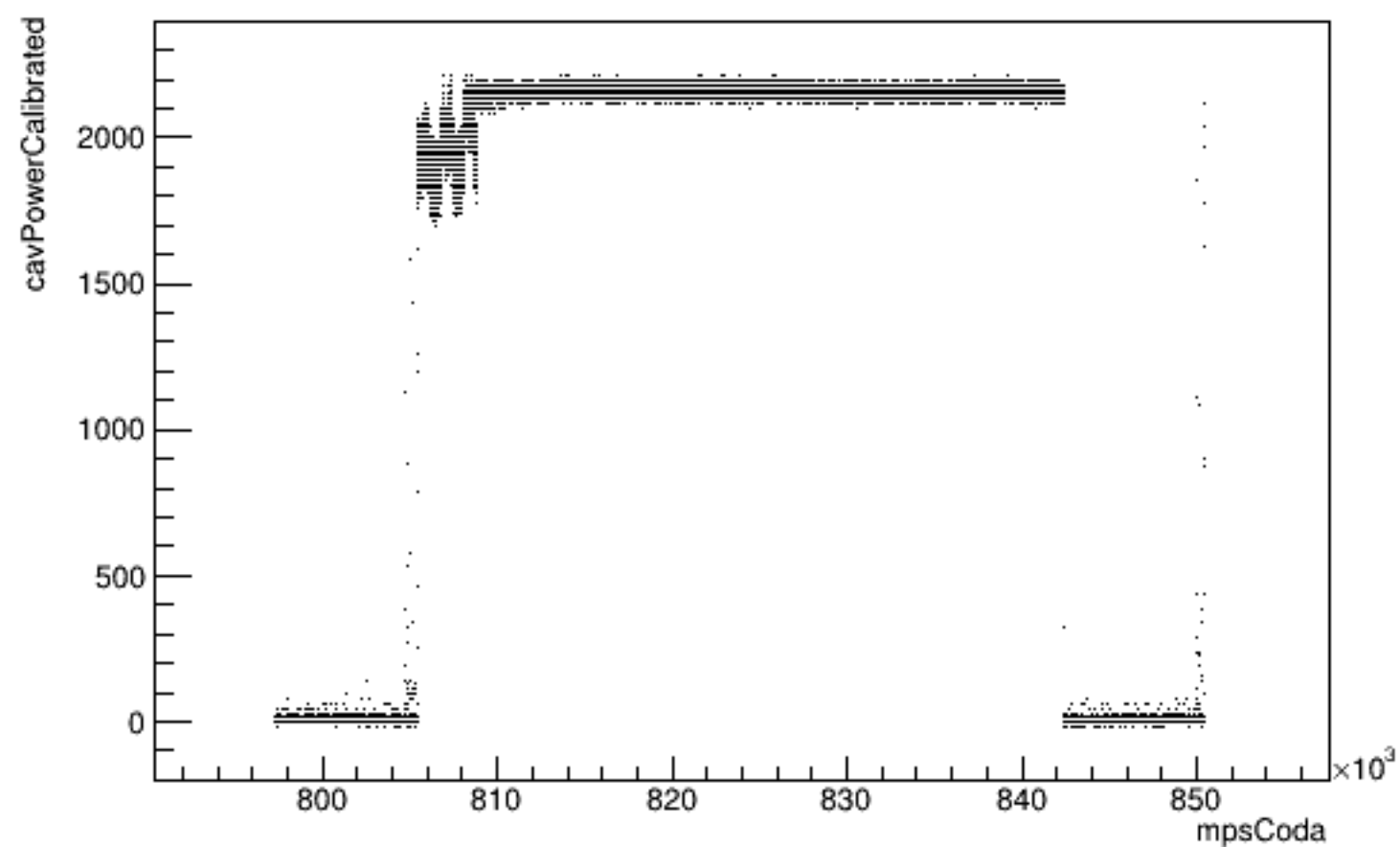
laserState:mpsCoda {mpsCoda>=797271 && mpsCoda<=850486}



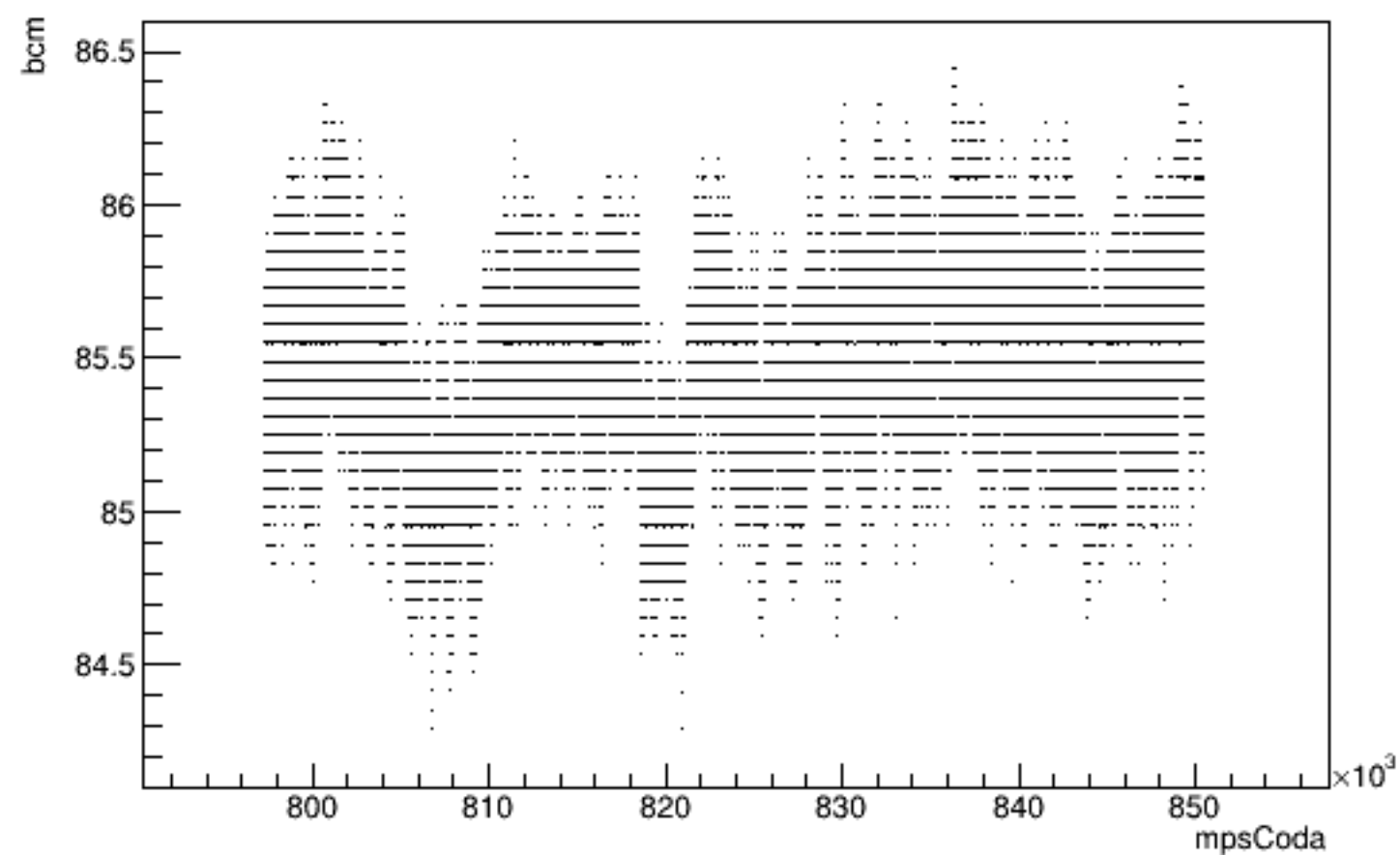
beamState + 1:mpsCoda {mpsCoda>=797271 && mpsCoda<=850486}



cavPowerCalibrated:mpsCoda {mpsCoda>=797271 && mpsCoda<=850486}

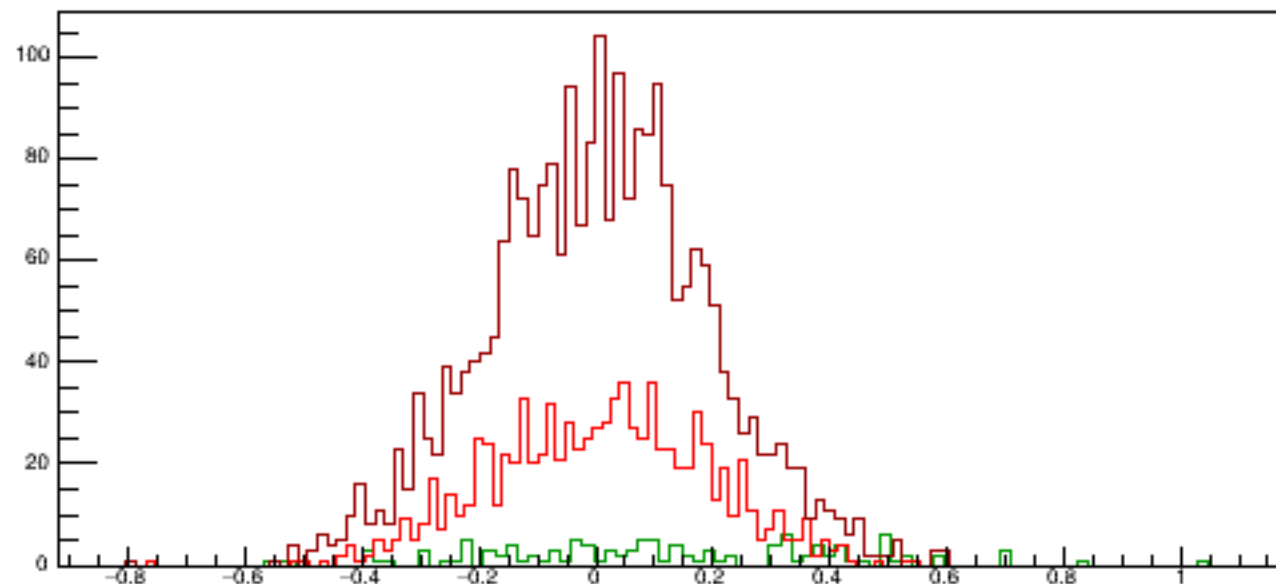


bcm:mpsCoda {mpsCoda>=797271 && mpsCoda<=850486}



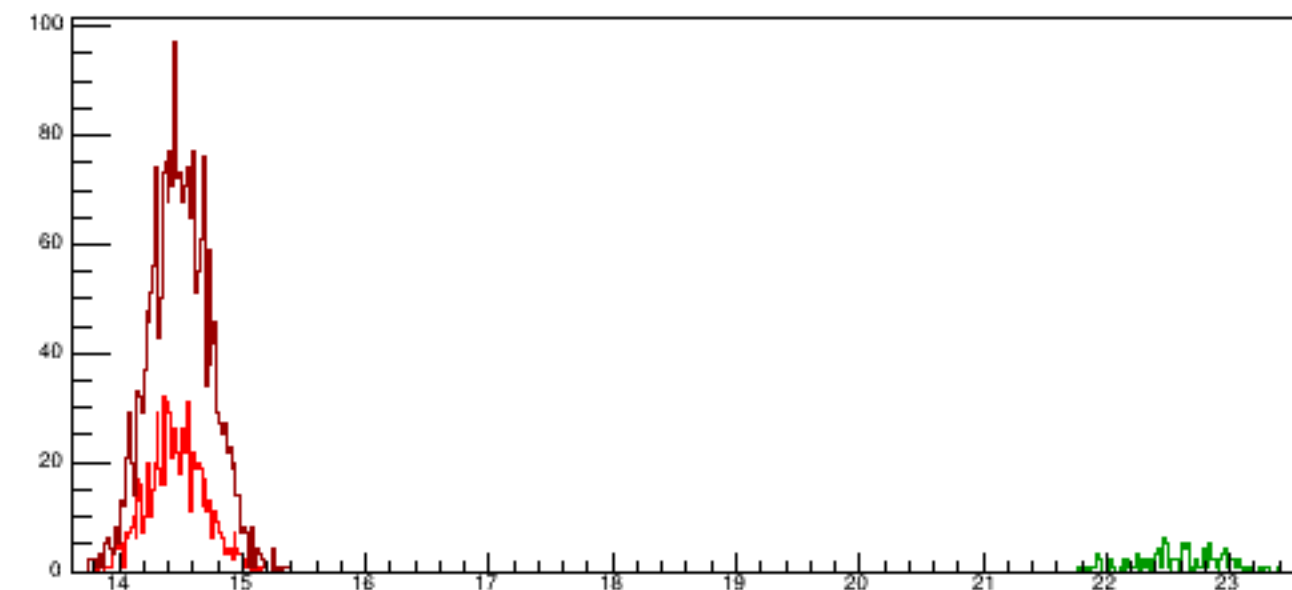
Cycle 13, Diffs

Entries: 899	Entries: 118	Entries: 2439
Mean: 0.0057 +/- 0.0062	Mean: 0.1197 +/- 0.0281	Mean: 0.0030 +/- 0.0038
Std Dev: 0.1845 +/- 0.0044	Std Dev: 0.3052 +/- 0.0199	Std Dev: 0.1884 +/- 0.0027
Run 4608 quartetwise, Diffs		



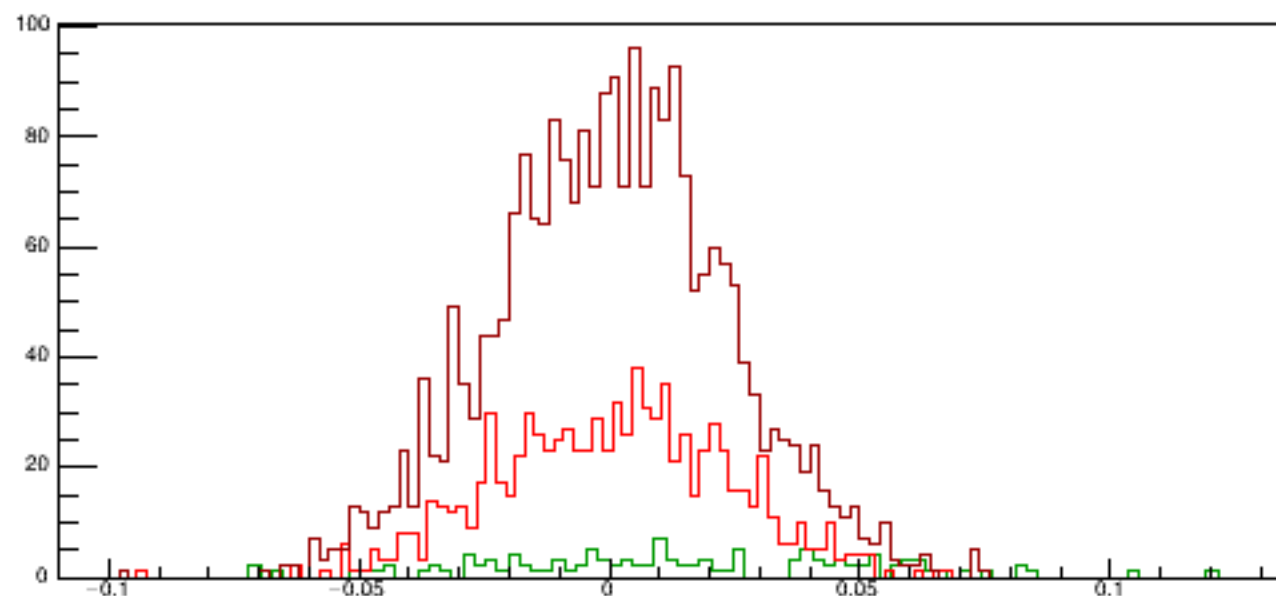
Cycle 13, Sums

Entries: 899	Entries: 118	Entries: 2439
Mean: 14.4592 +/- 0.0078	Mean: 22.5794 +/- 0.0333	Mean: 14.4962 +/- 0.0050
Std Dev: 0.2330 +/- 0.0055	Std Dev: 0.3617 +/- 0.0235	Std Dev: 0.2467 +/- 0.0035
Run 4608 quartetwise, Sums		

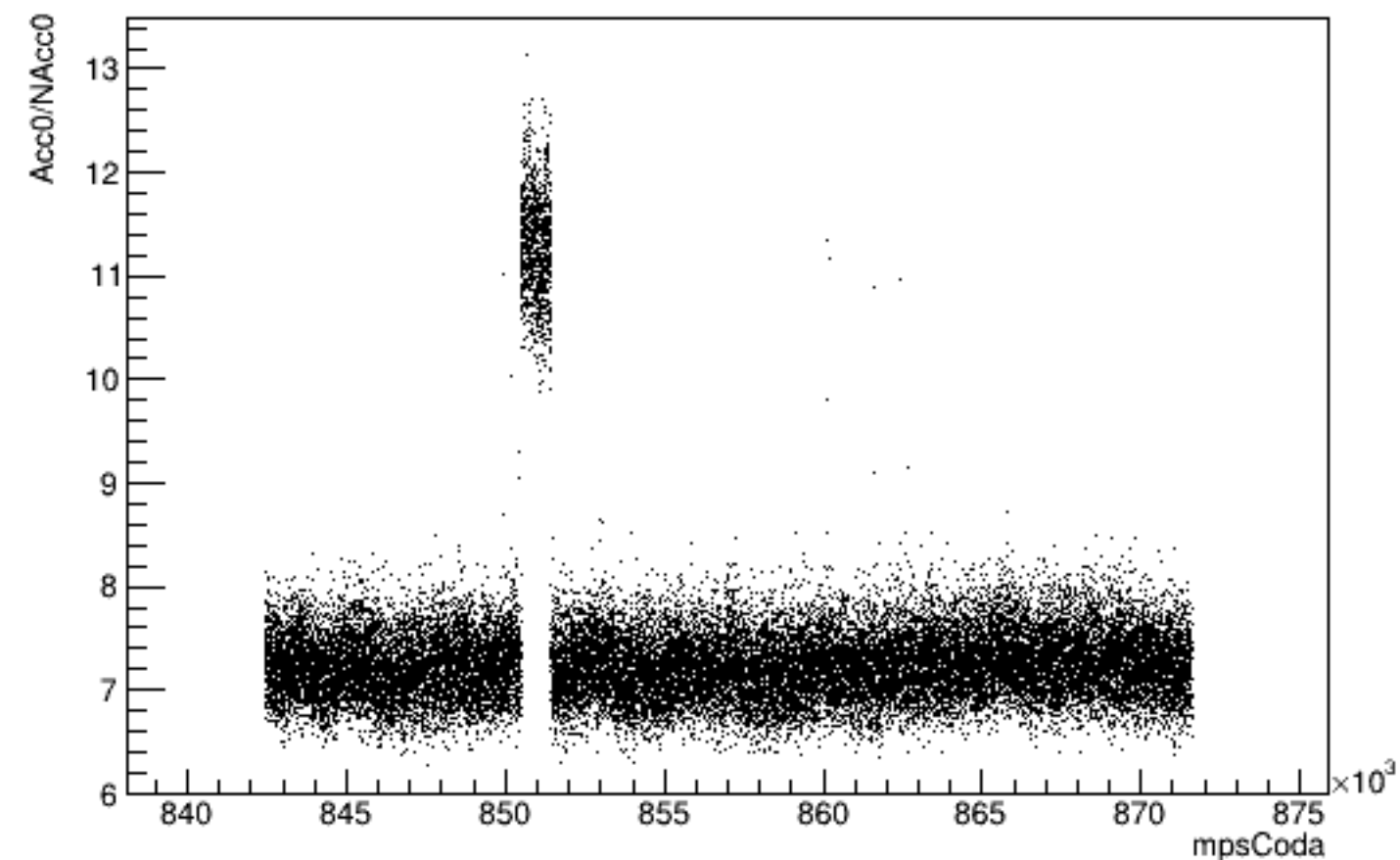


Cycle 13, Asyms

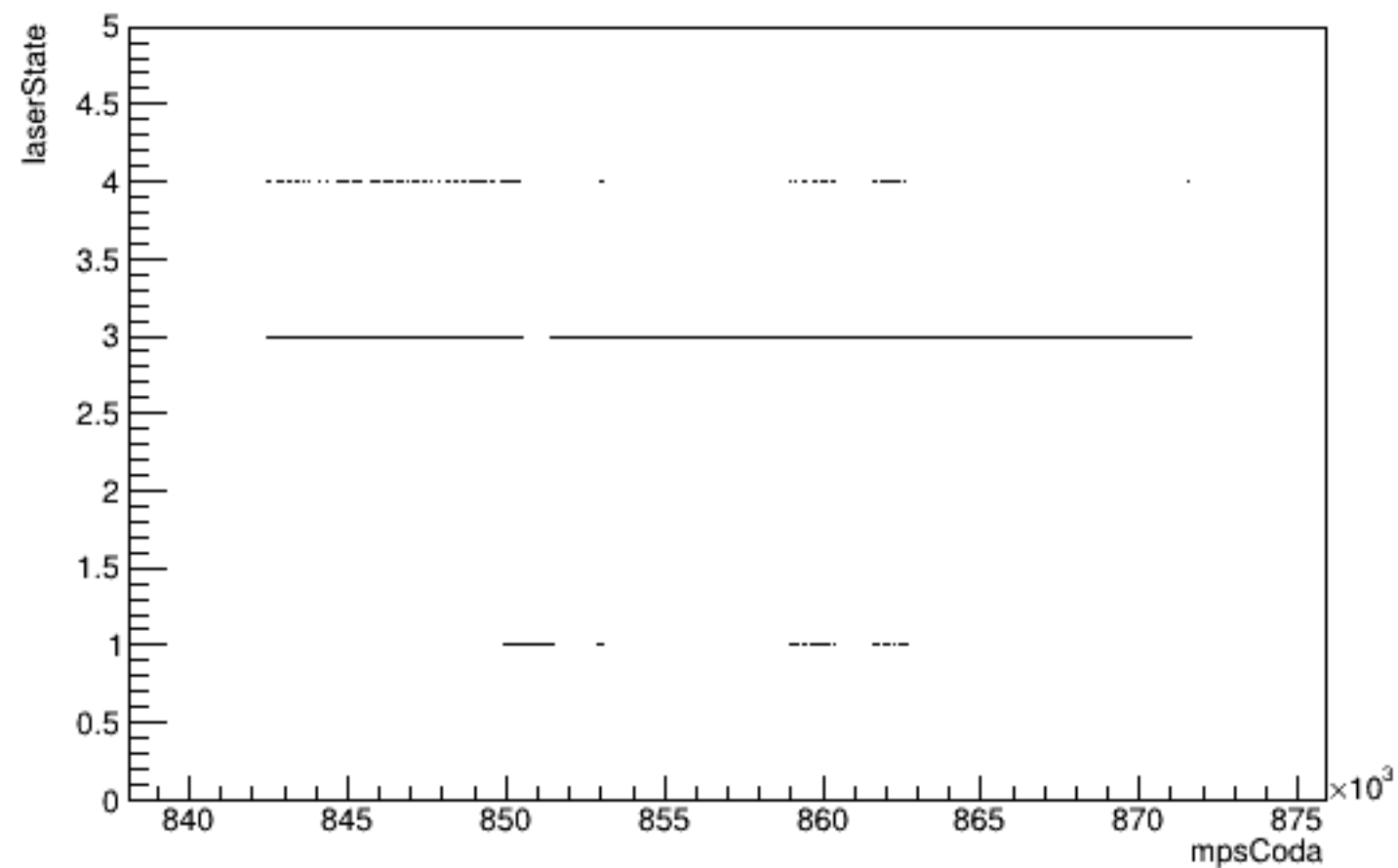
Entries: 899	Entries: 118	Entries: 2439
Mean: 0.0007 +/- 0.0008	Mean: 0.0144 +/- 0.0035	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0228 +/- 0.0005	Std Dev: 0.0375 +/- 0.0024	Std Dev: 0.0233 +/- 0.0003
Run 4608 quartetwise, Asyms		



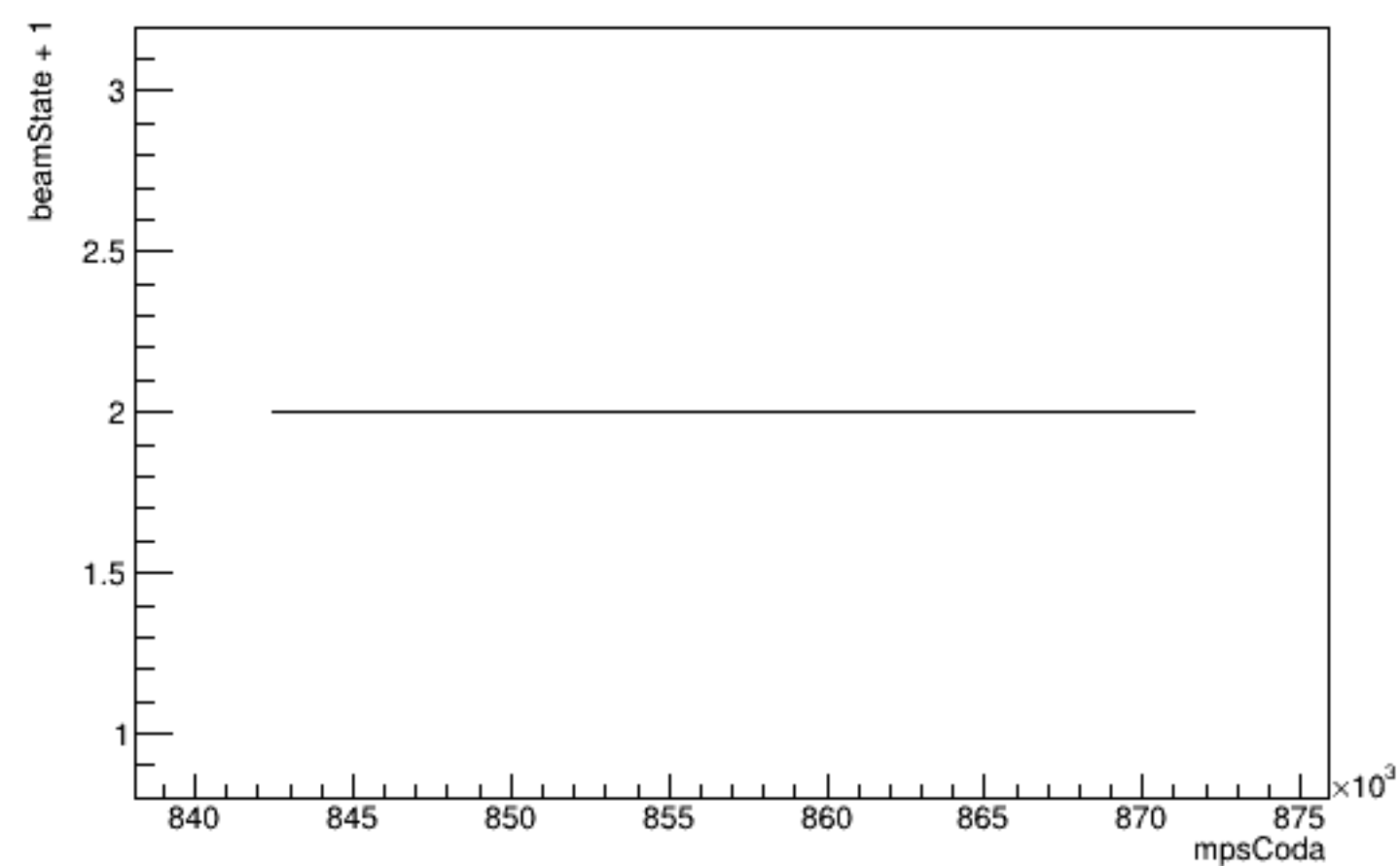
Acc0/NAcc0:mpsCoda {mpsCoda>=842423 && mpsCoda<=871598 && beamState==1}



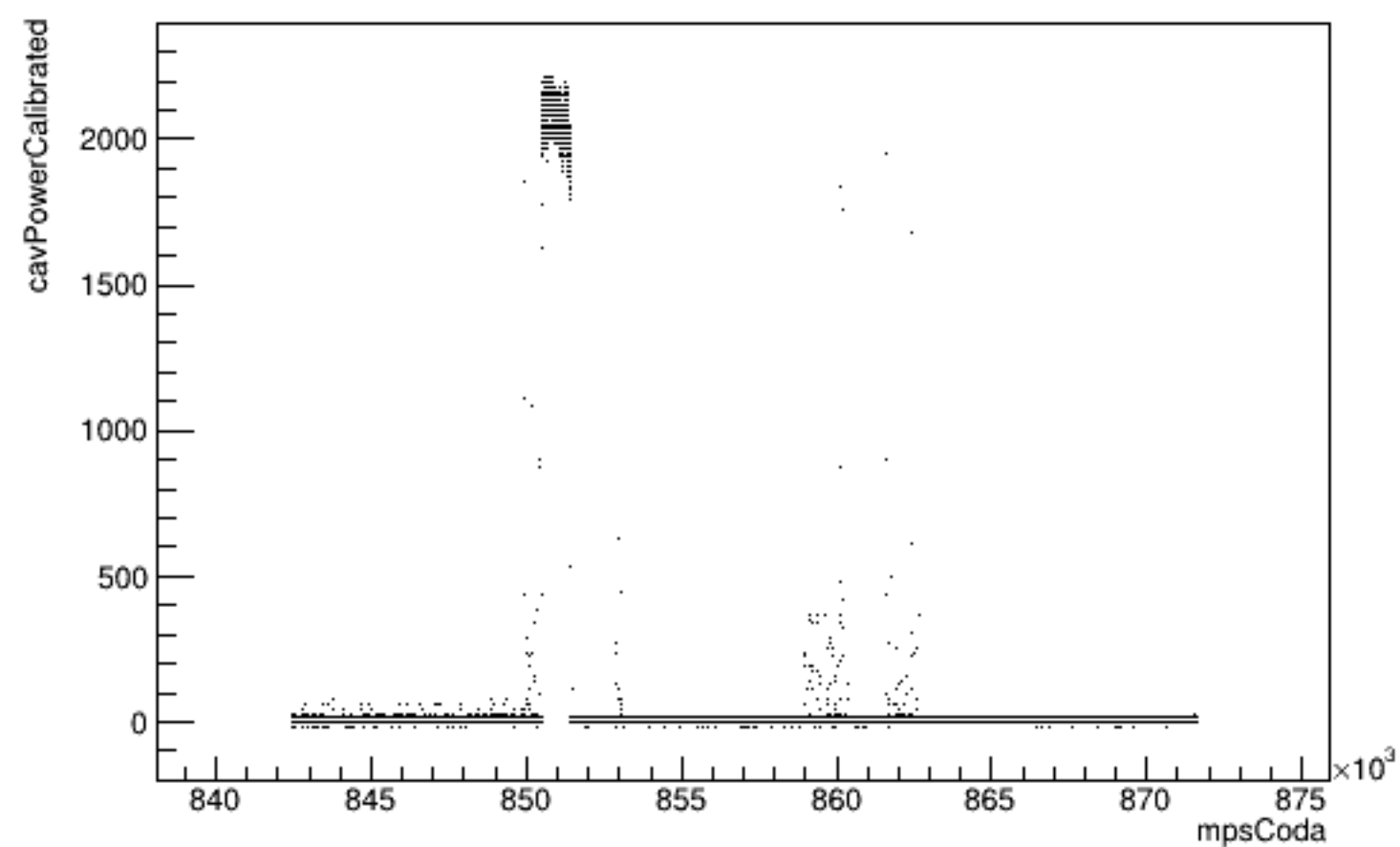
laserState:mpsCoda {mpsCoda>=842423 && mpsCoda<=871598}



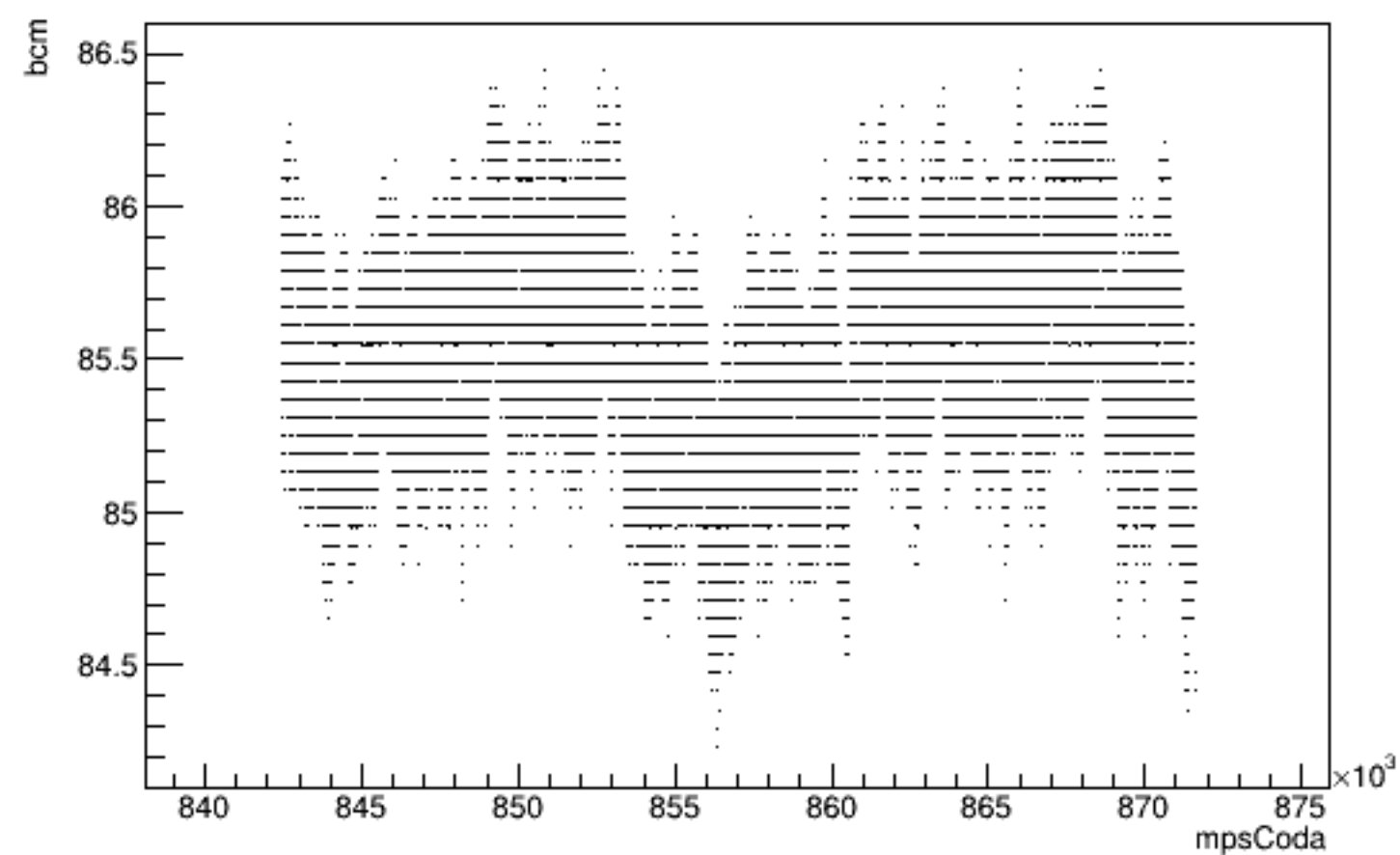
beamState + 1:mpsCoda {mpsCoda>=842423 && mpsCoda<=871598}



cavPowerCalibrated:mpsCoda {mpsCoda>=842423 && mpsCoda<=871598}



bcm:mpsCoda {mpsCoda>=842423 && mpsCoda<=871598}



Cycle 15, Diffs

Entries: 6164

Mean: 0.0034 +/- 0.0024

Std Dev: 0.1916 +/- 0.0017

Entries: 883

Mean: 0.1325 +/- 0.0099

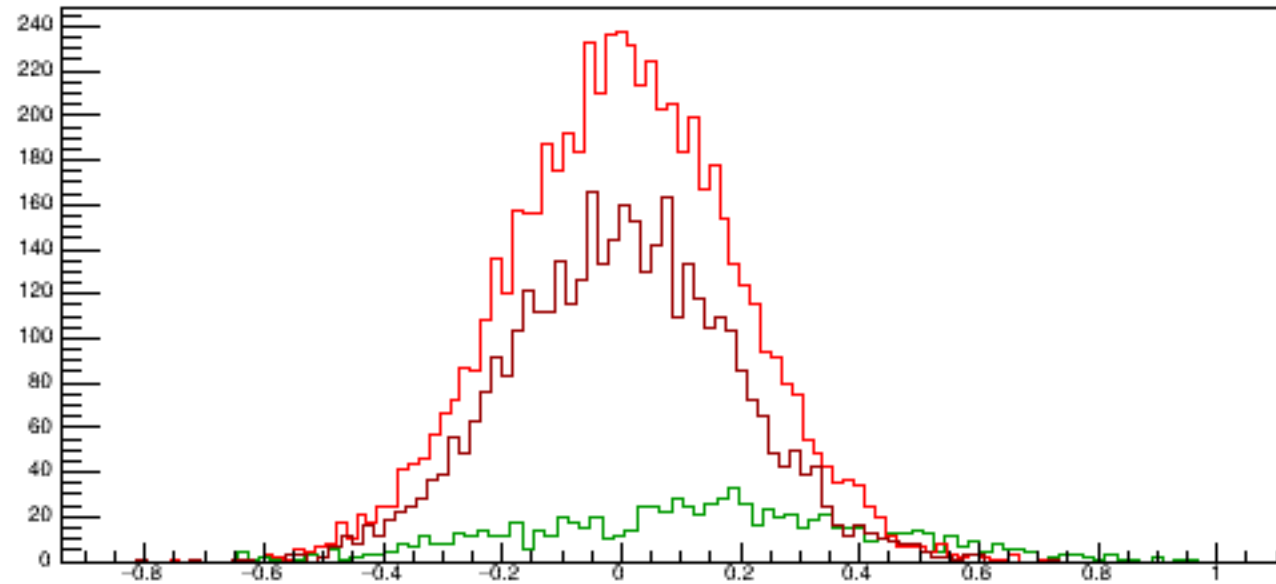
Std Dev: 0.2949 +/- 0.0070

Entries: 3922

Mean: -0.0012 +/- 0.0030

Std Dev: 0.1887 +/- 0.0021

Run 4608 quartetwise, Diffs



Cycle 15, Sums

Entries: 6164

Mean: 14.4270 +/- 0.0037

Std Dev: 0.2933 +/- 0.0026

Entries: 883

Mean: 23.1127 +/- 0.0134

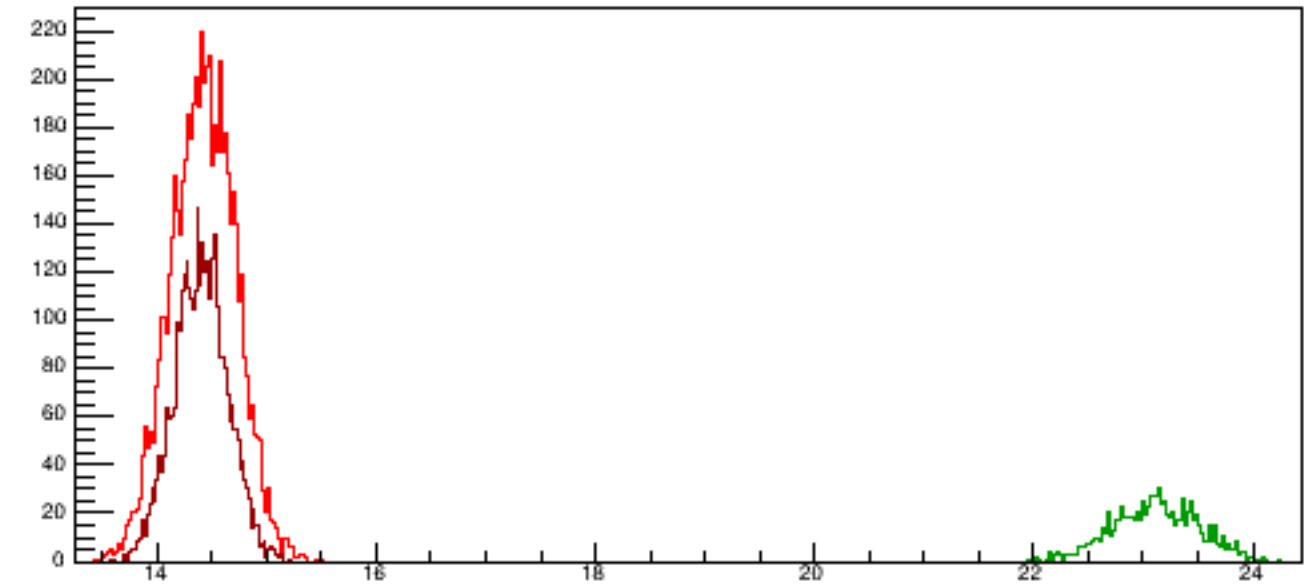
Std Dev: 0.3992 +/- 0.0095

Entries: 3922

Mean: 14.3981 +/- 0.0038

Std Dev: 0.2410 +/- 0.0027

Run 4608 quartetwise, Sums



Cycle 15, Asyms

Entries: 6164

Mean: 0.0004 +/- 0.0003

Std Dev: 0.0220 +/- 0.0002

Entries: 883

Mean: 0.0152 +/- 0.0011

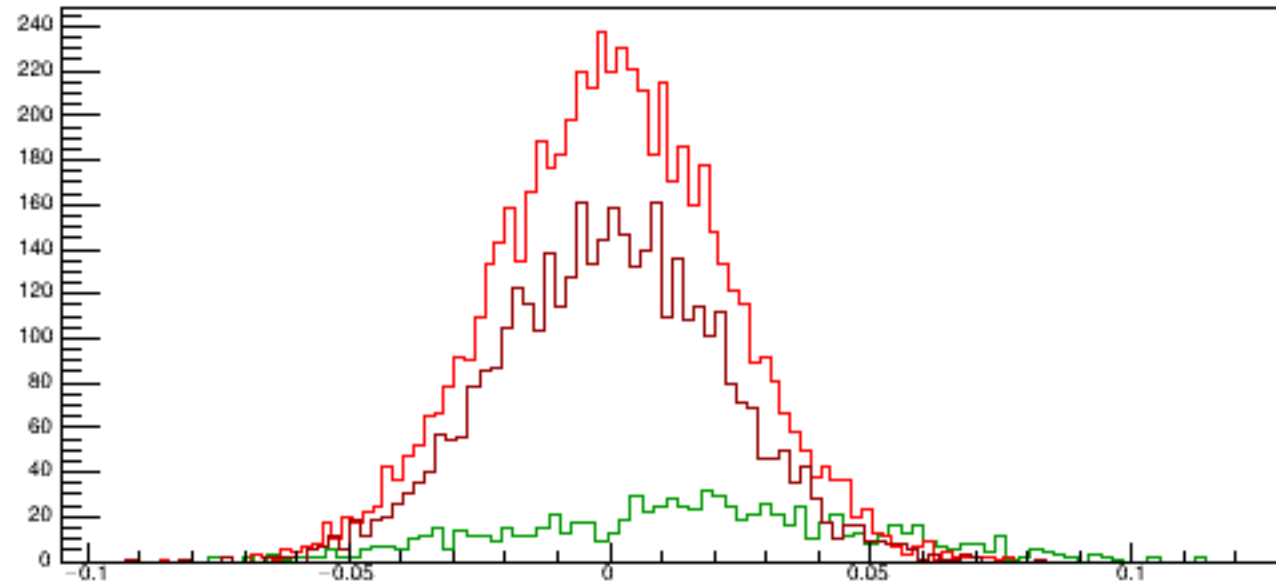
Std Dev: 0.0339 +/- 0.0008

Entries: 3922

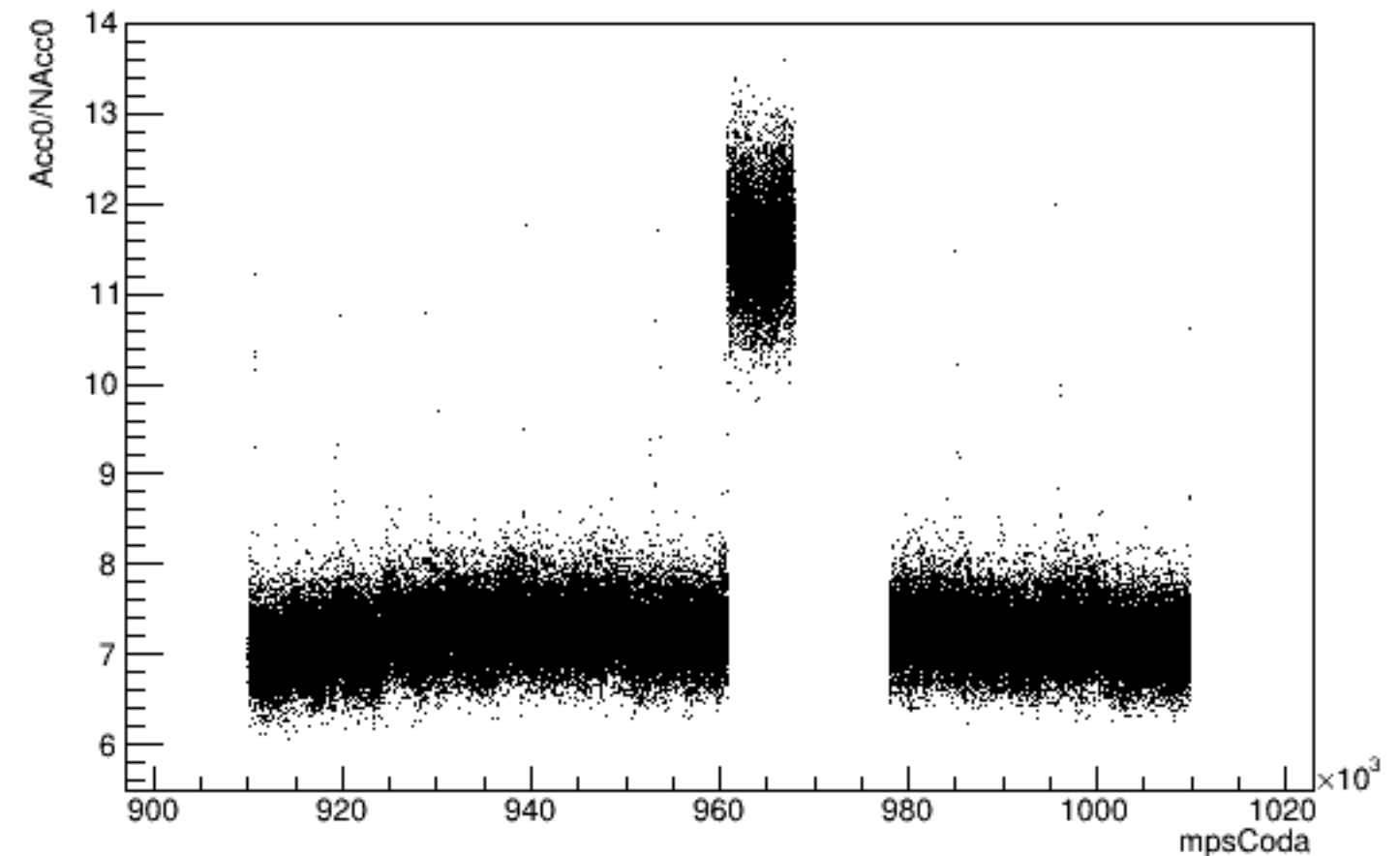
Mean: -0.0001 +/- 0.0003

Std Dev: 0.0217 +/- 0.0002

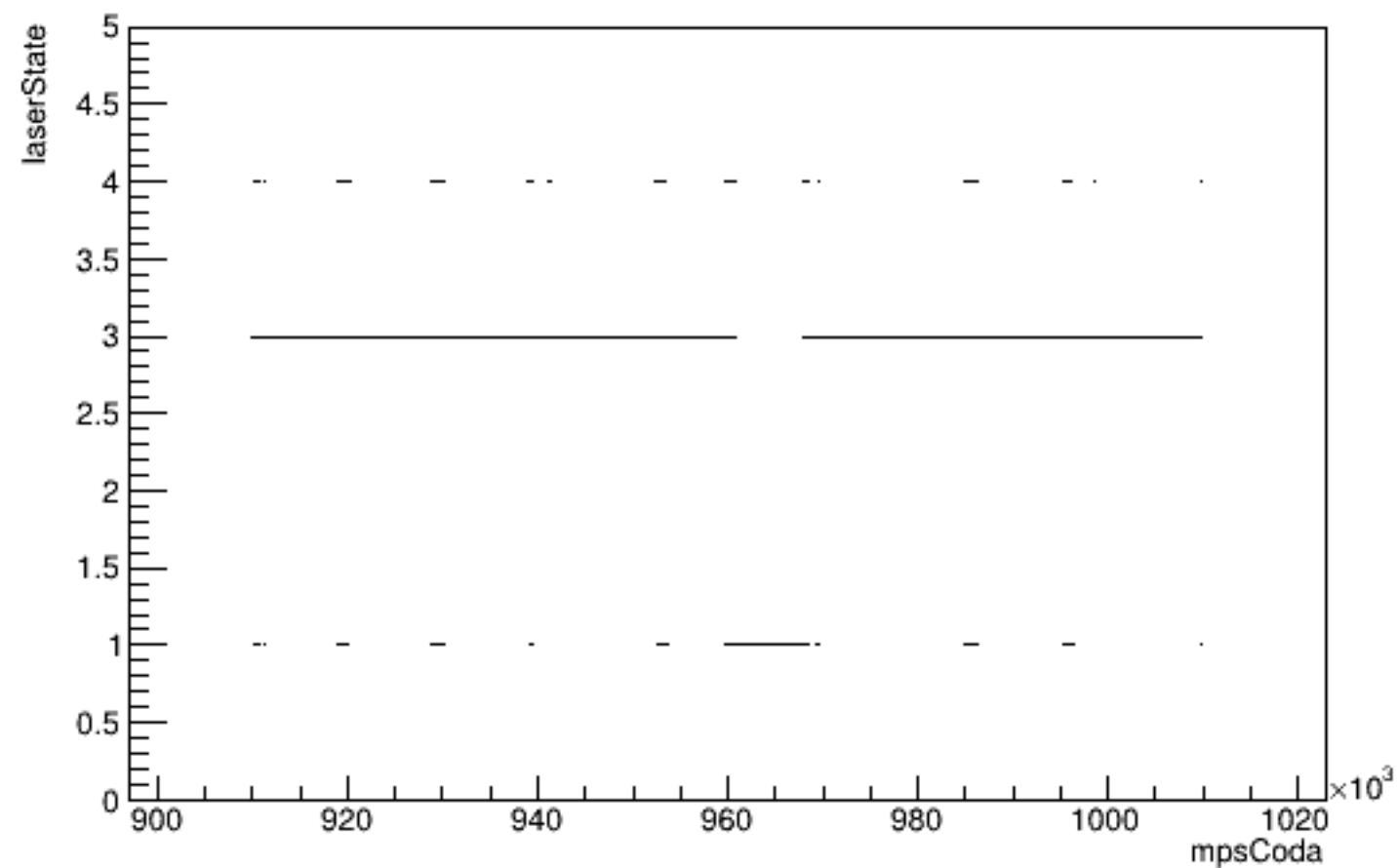
Run 4608 quartetwise, Asyms



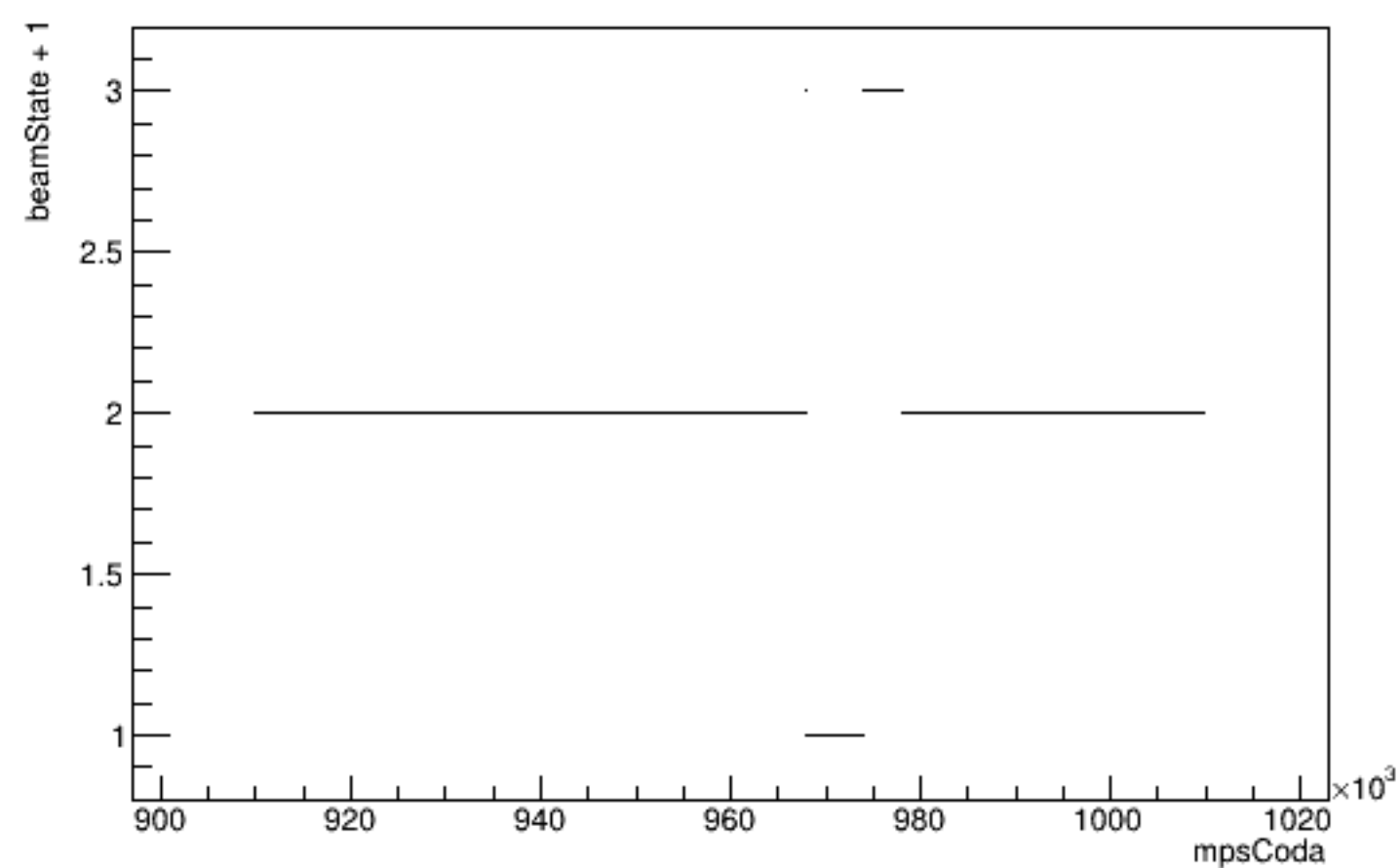
Acc0/NAcc0:mpsCoda (mpsCoda>=909999 && mpsCoda<=1009878 && beamState==1)



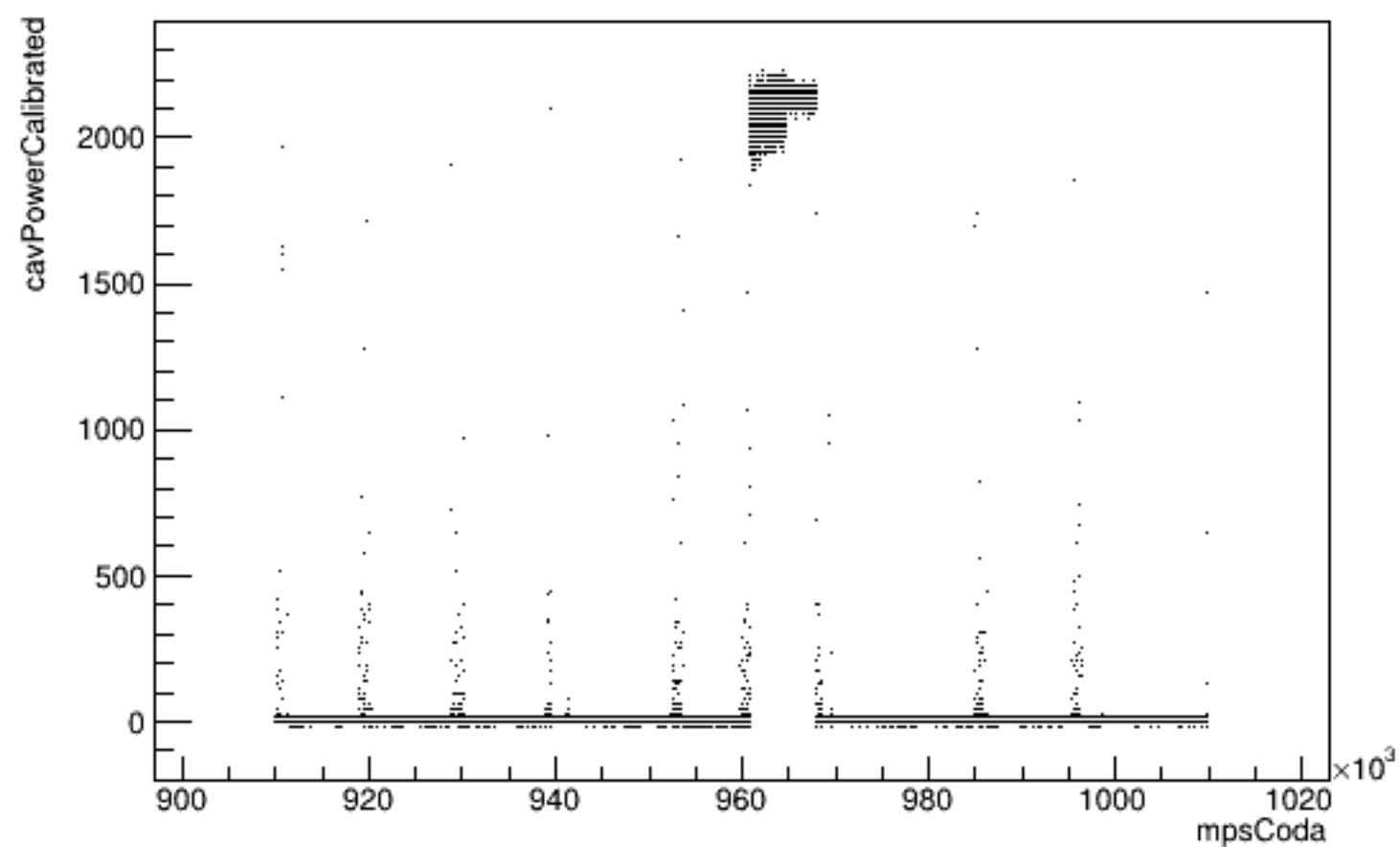
laserState:mpsCoda {mpsCoda>=909999 && mpsCoda<=1009878}



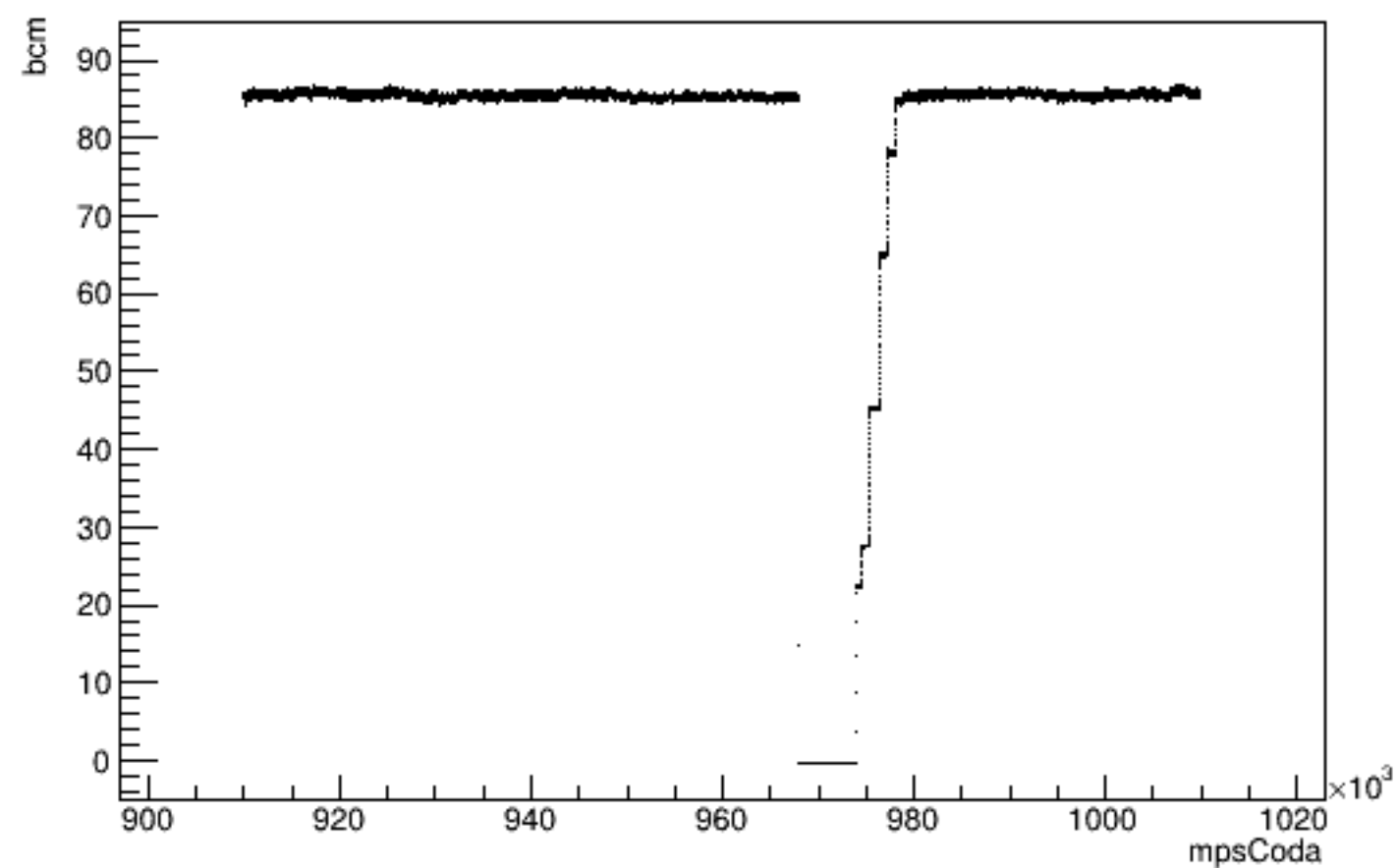
beamState + 1:mpsCoda {mpsCoda>=909999 && mpsCoda<=1009878}



cavPowerCalibrated:mpsCoda {mpsCoda>=909999 && mpsCoda<=1009878}



bcm:mpsCoda {mpsCoda>=909999 && mpsCoda<=1009878}



Cycle 16, Diffs

Entries: 3922

Mean: -0.0012 +/- 0.0030

Std Dev: 0.1887 +/- 0.0021

Entries: 4613

Mean: 0.1357 +/- 0.0041

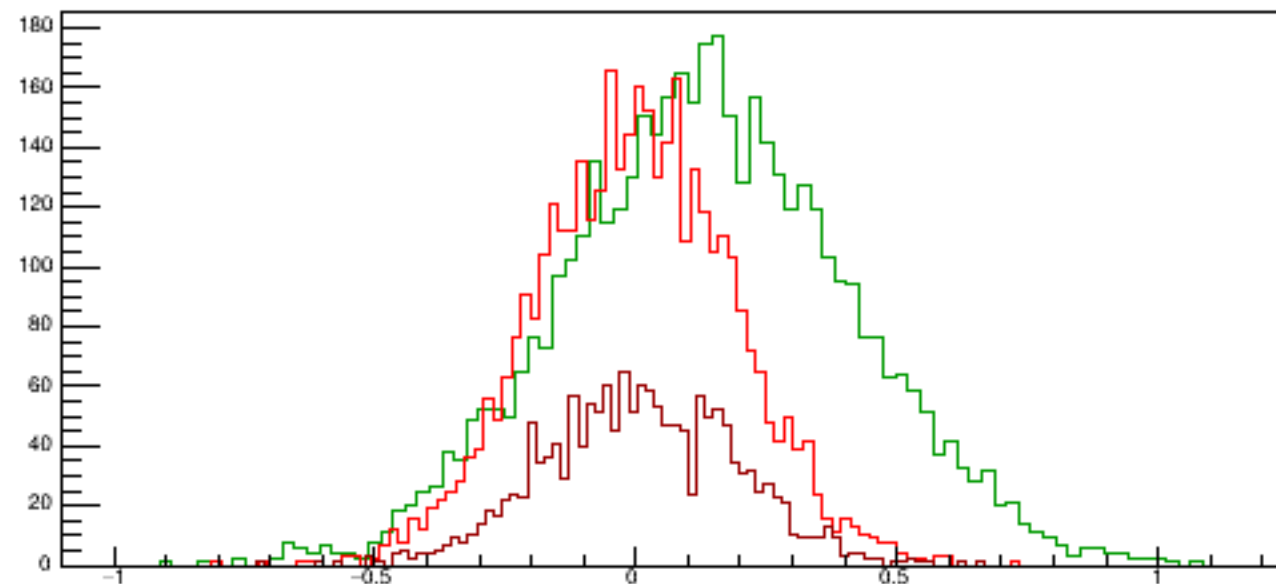
Std Dev: 0.2782 +/- 0.0029

Entries: 1610

Mean: 0.0066 +/- 0.0046

Std Dev: 0.1833 +/- 0.0032

Run 4608 quartetwise, Diffs



Cycle 16, Sums

Entries: 3922

Mean: 14.3981 +/- 0.0038

Std Dev: 0.2410 +/- 0.0027

Entries: 4613

Mean: 23.1275 +/- 0.0072

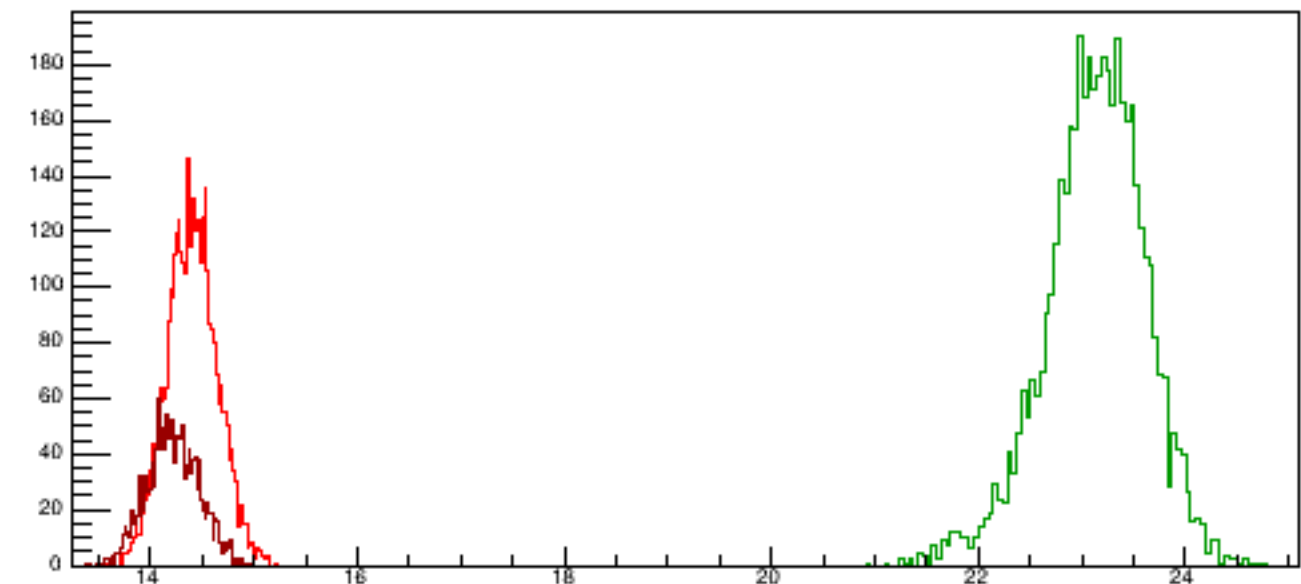
Std Dev: 0.4858 +/- 0.0051

Entries: 1610

Mean: 14.2119 +/- 0.0062

Std Dev: 0.2492 +/- 0.0044

Run 4608 quartetwise, Sums



Cycle 16, Asyms

Entries: 3922

Mean: -0.0001 +/- 0.0003

Std Dev: 0.0214 +/- 0.0002

Entries: 4613

Mean: 0.0154 +/- 0.0005

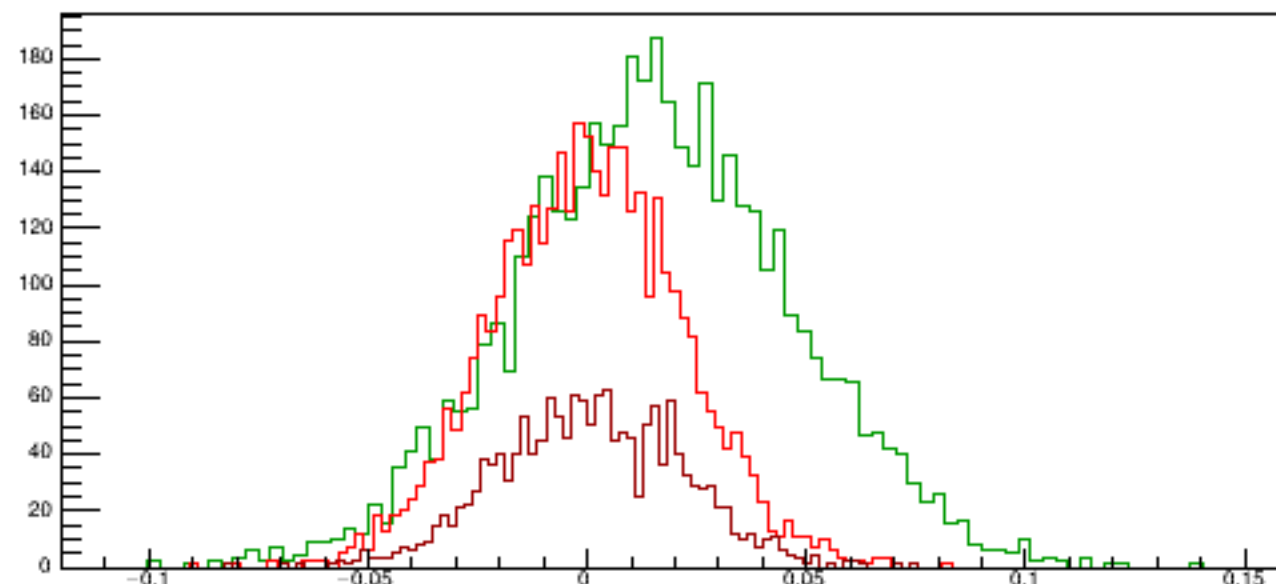
Std Dev: 0.0316 +/- 0.0003

Entries: 1610

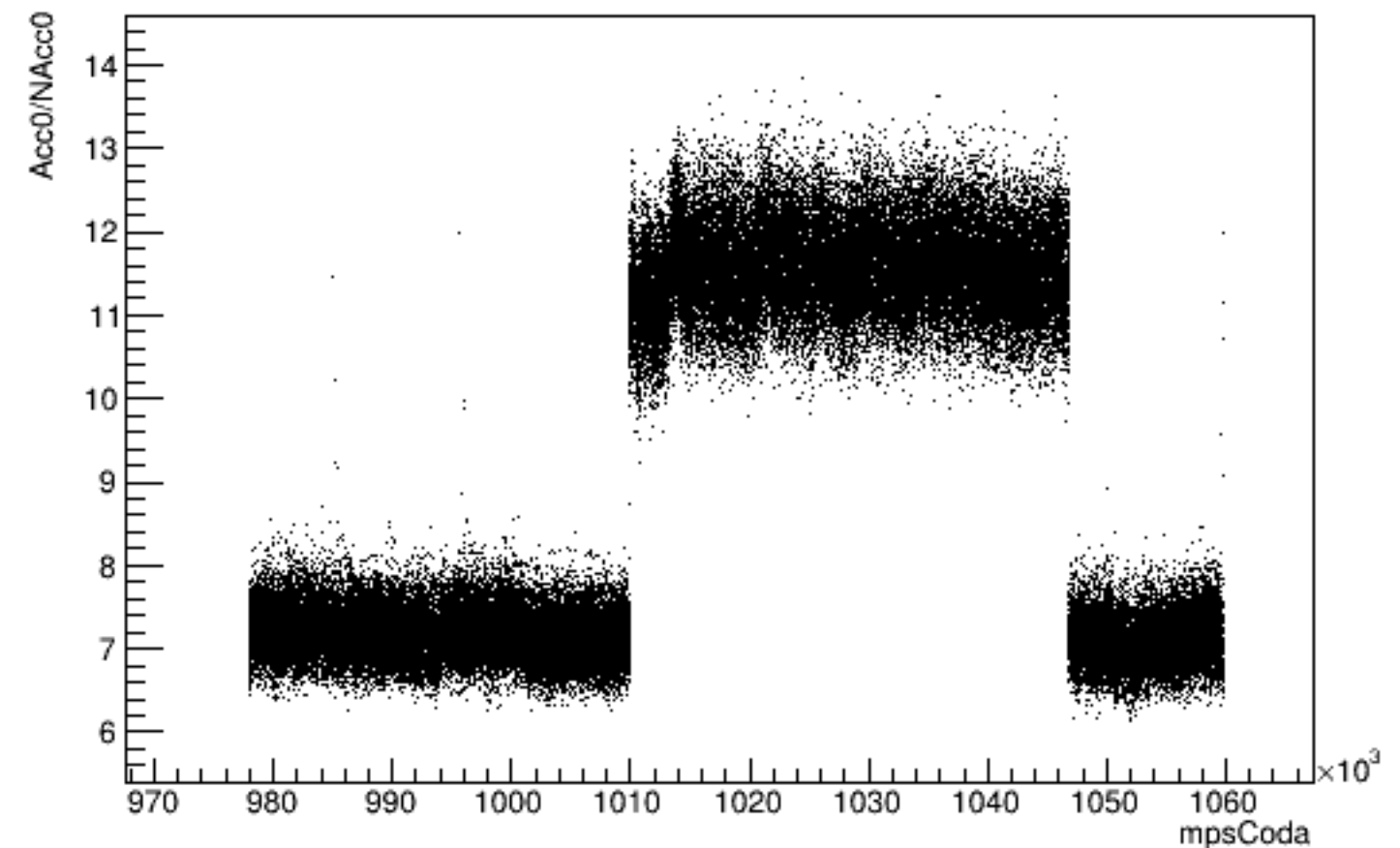
Mean: 0.0008 +/- 0.0005

Std Dev: 0.0208 +/- 0.0004

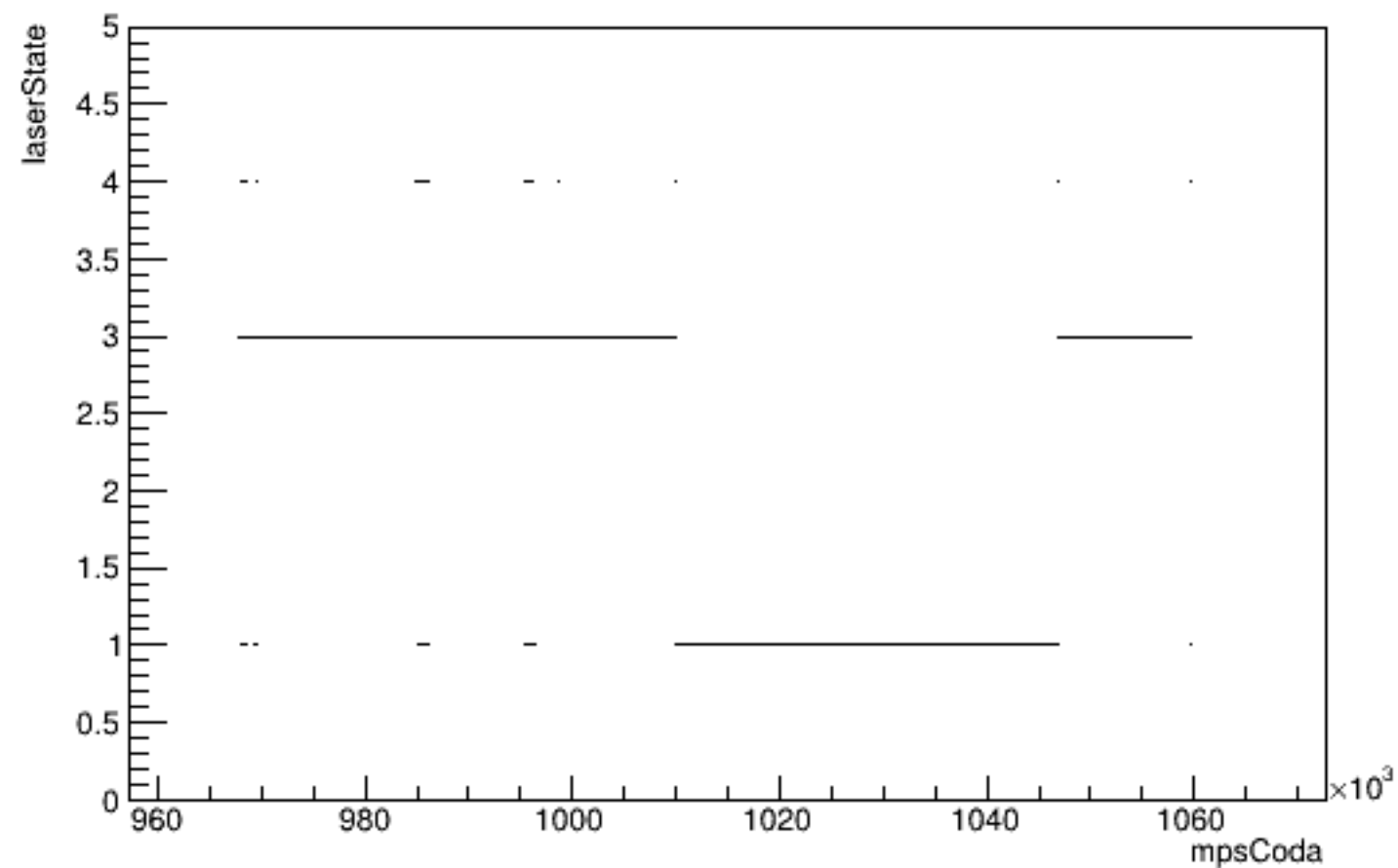
Run 4608 quartetwise, Asyms



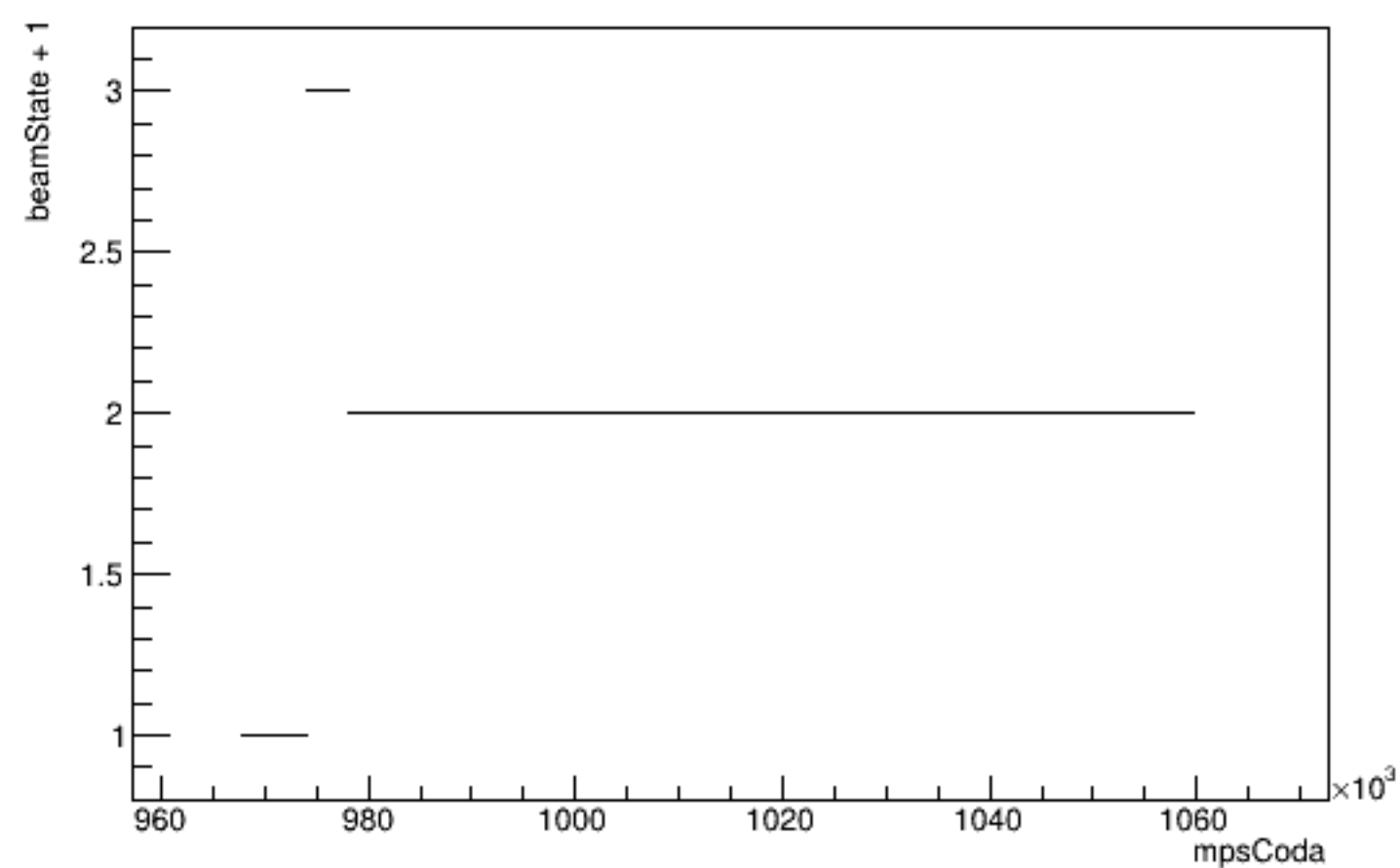
Acc0/NAcc0:mpsCoda (mpsCoda>=967911 && mpsCoda<=1059726 && beamState==1)



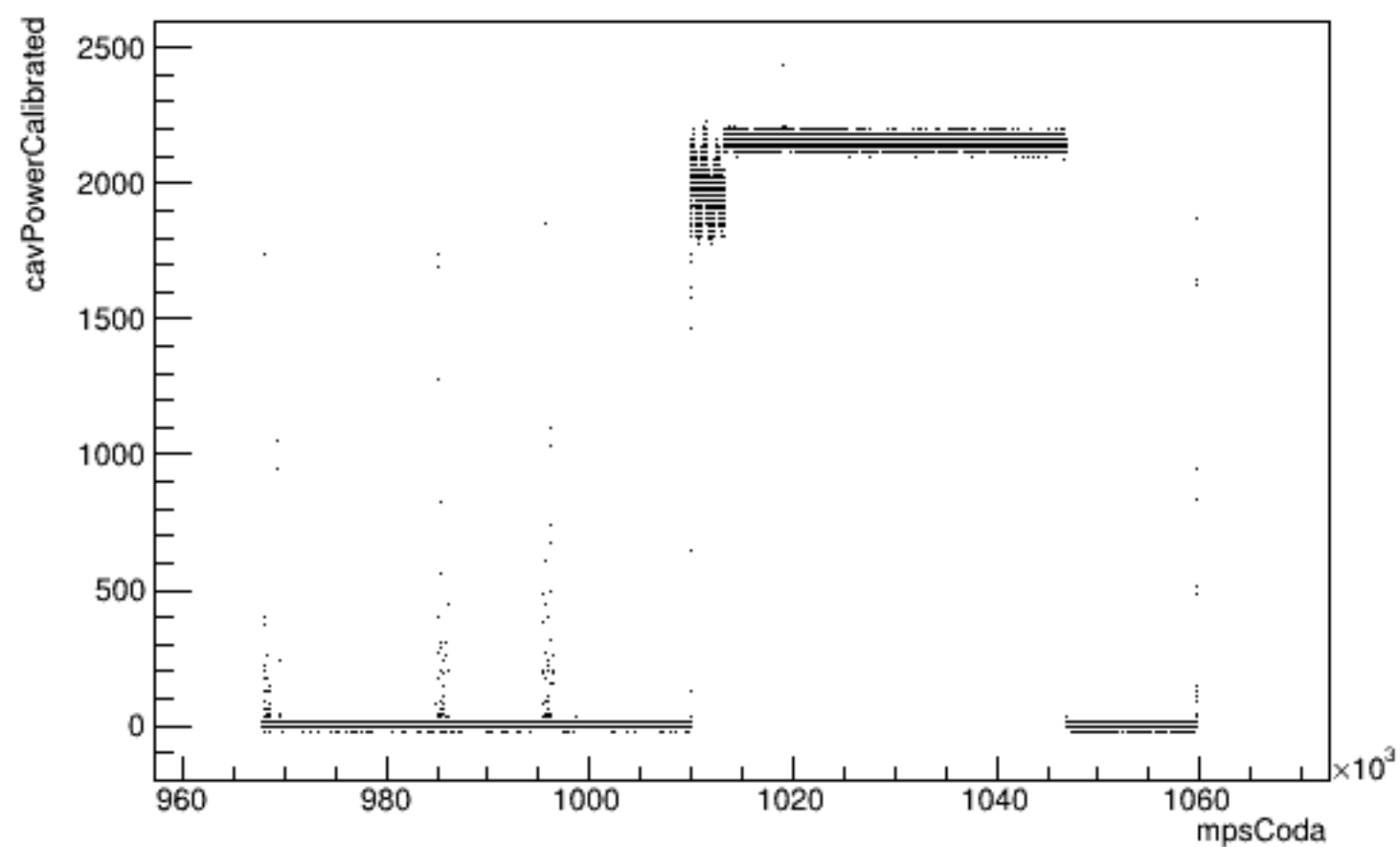
laserState:mpsCoda {mpsCoda>=967911 && mpsCoda<=1059726}



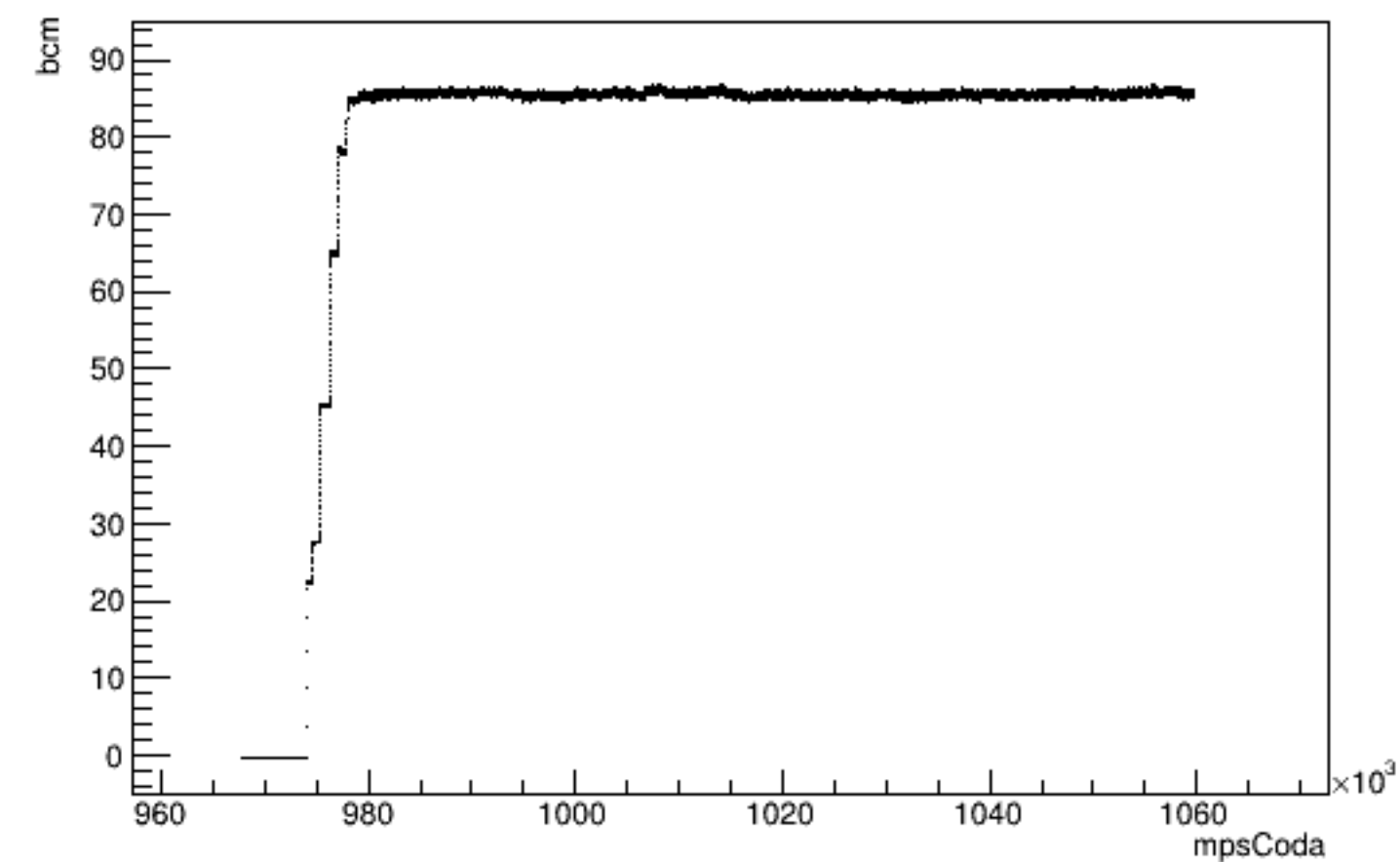
beamState + 1:mpsCoda {mpsCoda>=967911 && mpsCoda<=1059726}



cavPowerCalibrated:mpsCoda {mpsCoda>=967911 && mpsCoda<=1059726}



bcm:mpsCoda {mpsCoda>=967911 && mpsCoda<=1059726}



Cycle 17, Diffs

Entries: 1610

Mean: 0.0066 +/- 0.0046

Std Dev: 0.1833 +/- 0.0032

Entries: 140

Mean: 0.1355 +/- 0.0242

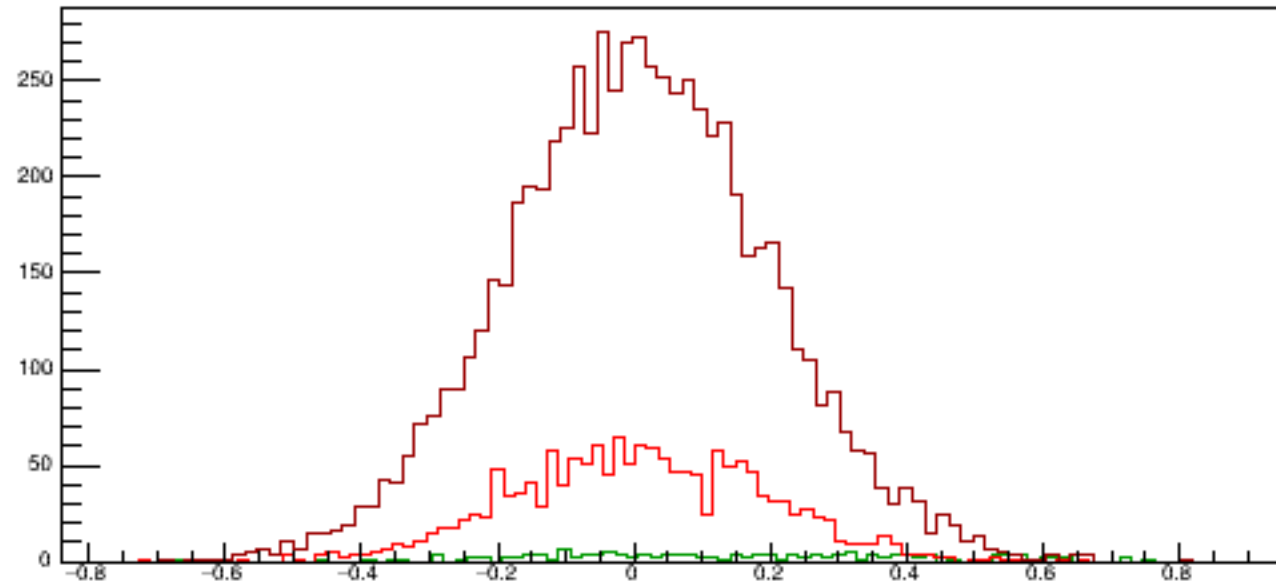
Std Dev: 0.2862 +/- 0.0171

Entries: 7032

Mean: 0.0053 +/- 0.0023

Std Dev: 0.1914 +/- 0.0016

Run 4608 quartetwise, Diffs



Cycle 17, Sums

Entries: 1610

Mean: 14.2119 +/- 0.0062

Std Dev: 0.2492 +/- 0.0044

Entries: 140

Mean: 22.6736 +/- 0.0382

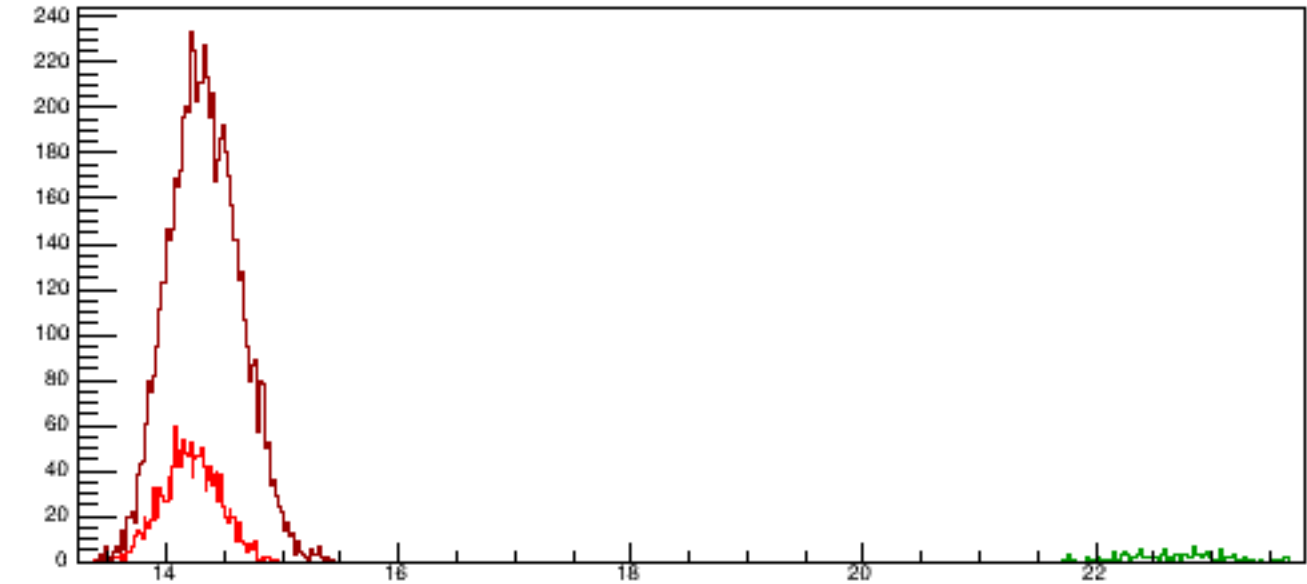
Std Dev: 0.4516 +/- 0.0270

Entries: 7032

Mean: 14.3313 +/- 0.0036

Std Dev: 0.3037 +/- 0.0026

Run 4608 quartetwise, Sums



Cycle 17, Asyms

Entries: 1610

Mean: 0.0008 +/- 0.0005

Std Dev: 0.0218 +/- 0.0004

Entries: 140

Mean: 0.0163 +/- 0.0029

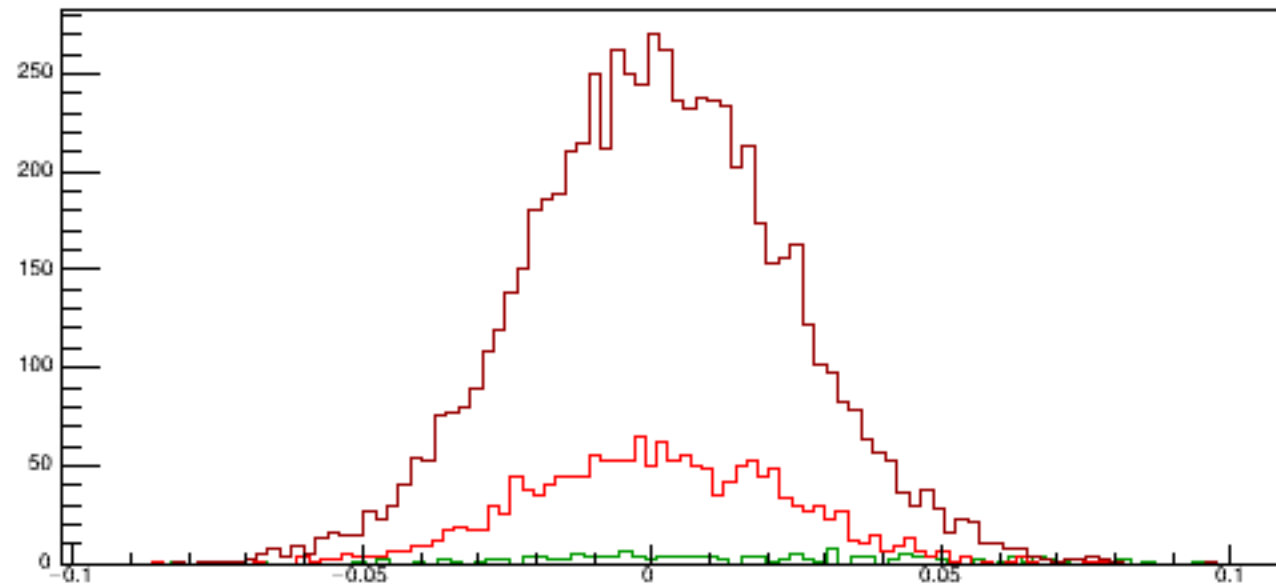
Std Dev: 0.0342 +/- 0.0020

Entries: 7032

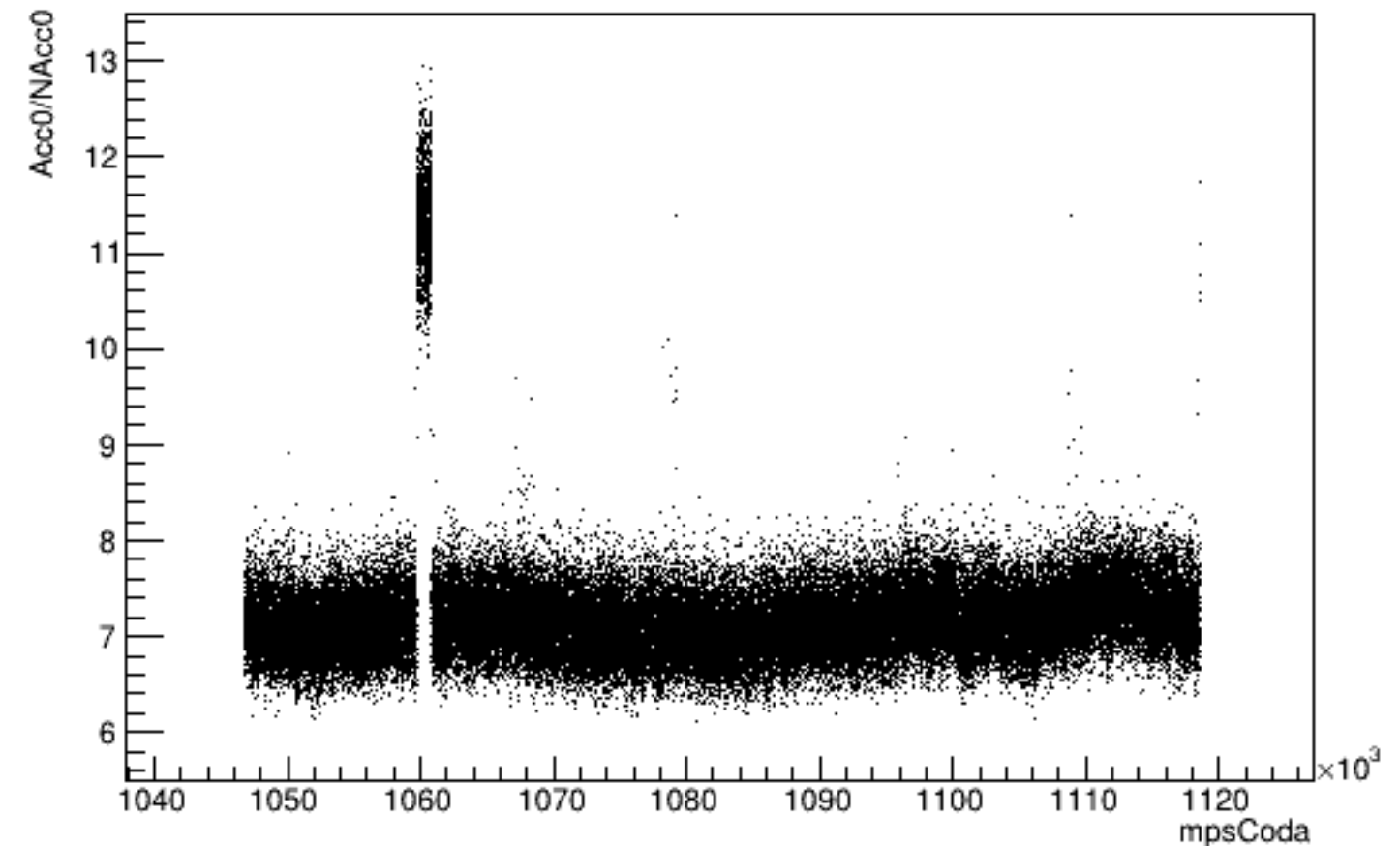
Mean: 0.0006 +/- 0.0003

Std Dev: 0.0228 +/- 0.0002

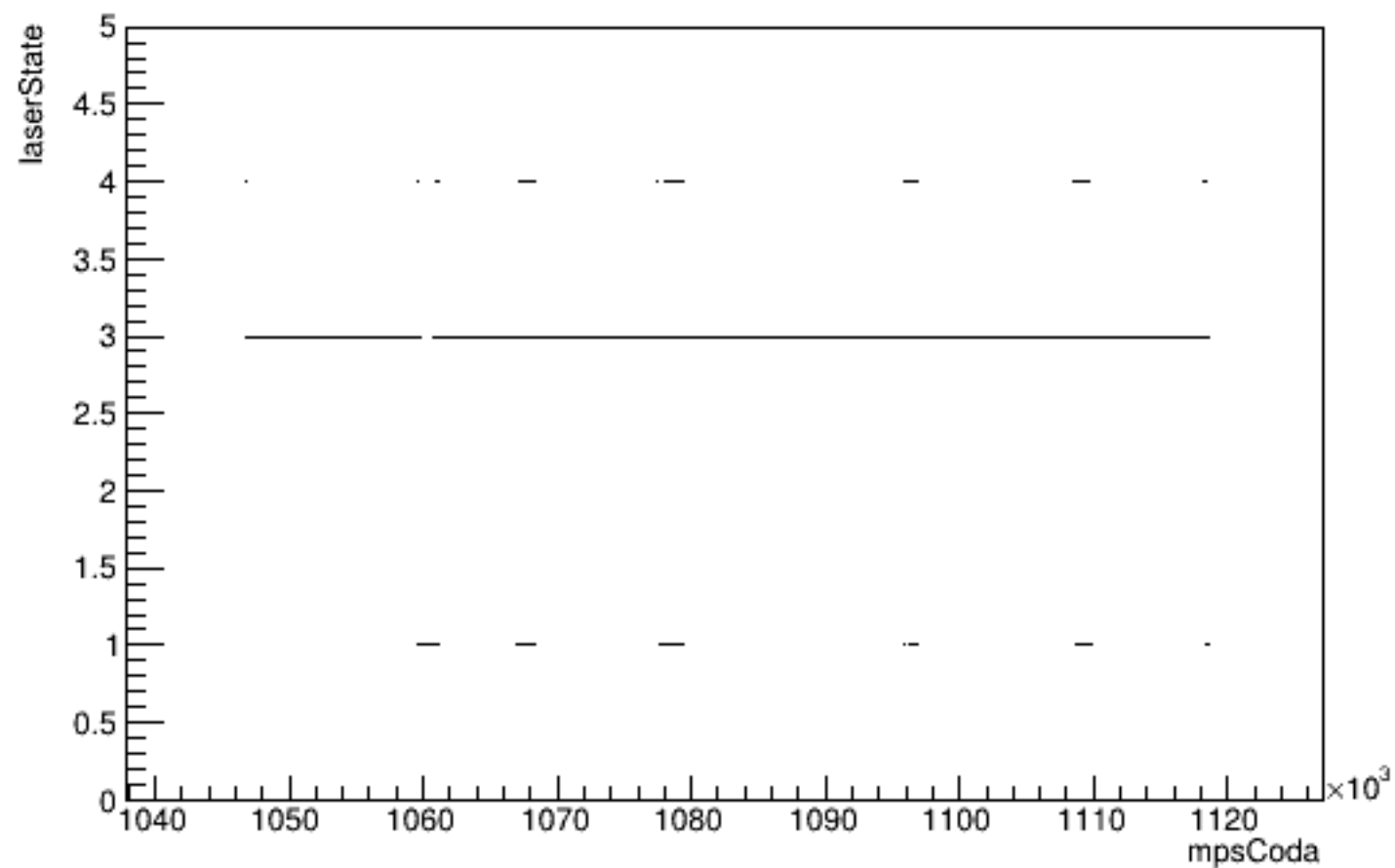
Run 4608 quartetwise, Asyms



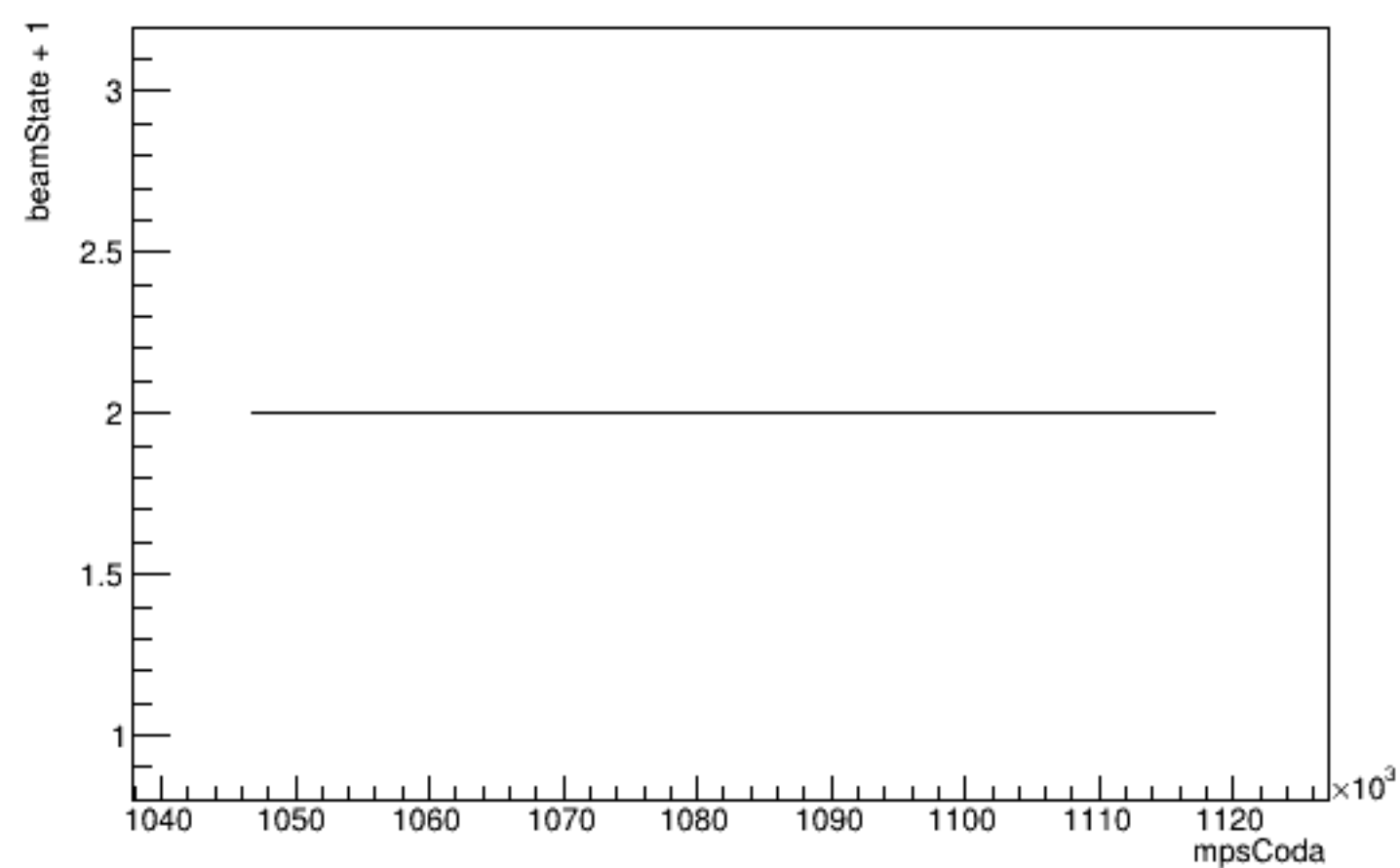
Acc0/NAcc0:mpsCoda (mpsCoda>=1046791 && mpsCoda<=1118526 && beamState==1)



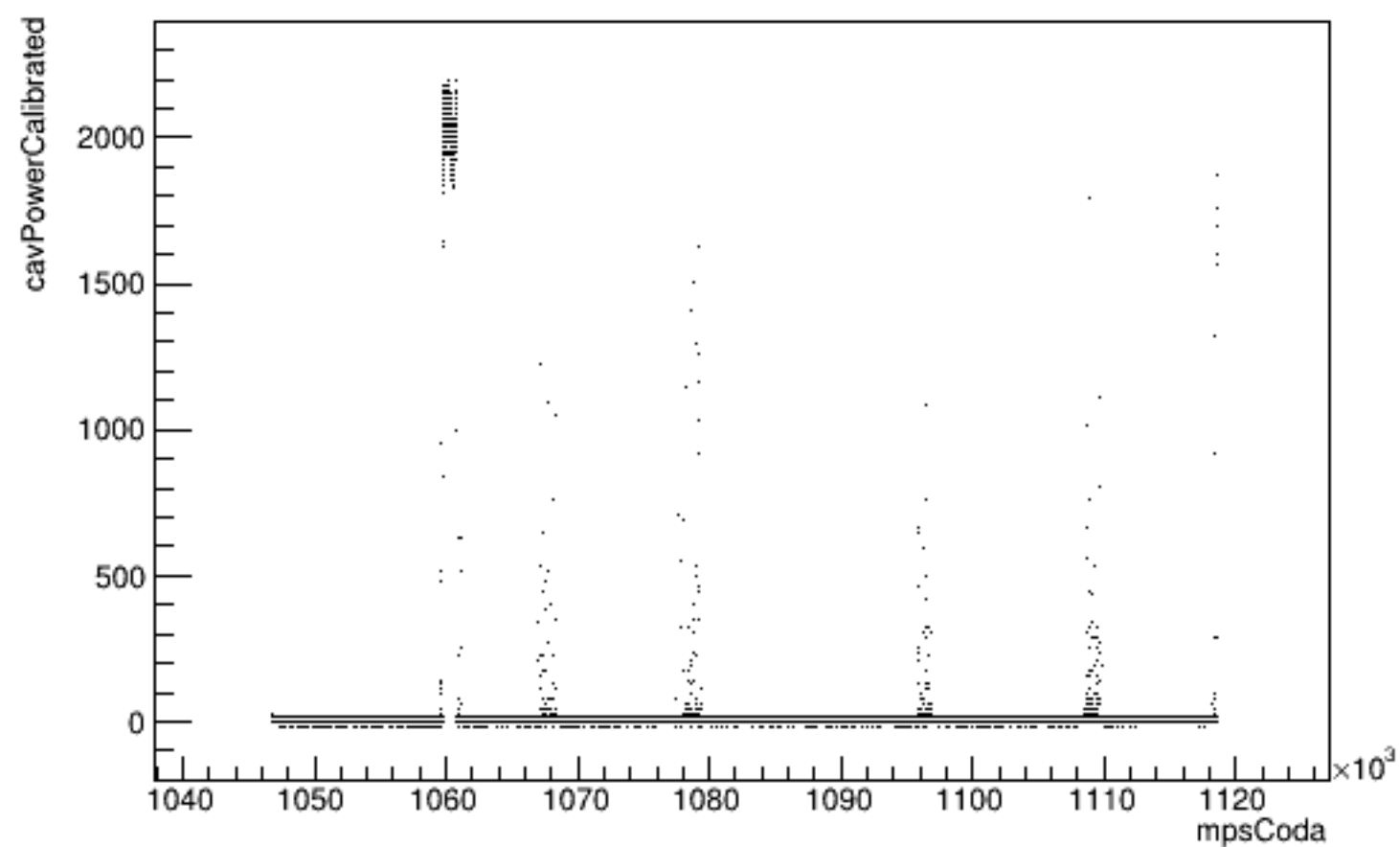
laserState:mpsCoda {mpsCoda>=1046791 && mpsCoda<=1118526}



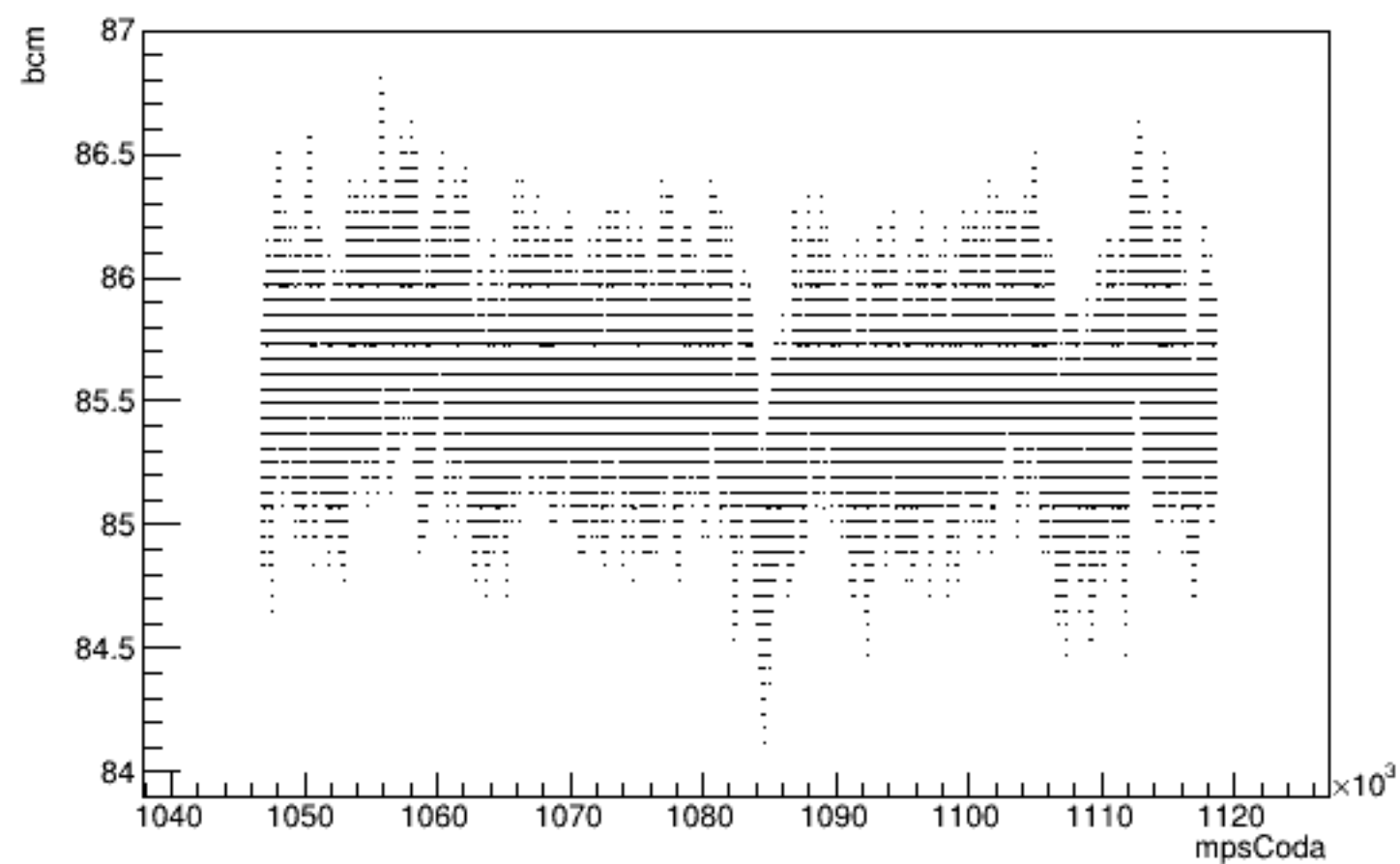
beamState + 1:mpsCoda {mpsCoda>=1046791 && mpsCoda<=1118526}



cavPowerCalibrated:mpsCoda {mpsCoda>=1046791 && mpsCoda<=1118526}



bcm:mpsCoda {mpsCoda>=1046791 && mpsCoda<=1118526}



Cycle 18, Diffs

Entries: 7032

Mean: 0.0053 +/- 0.0023

Std Dev: 0.1914 +/- 0.0016

Entries: 548

Mean: 0.1371 +/- 0.0125

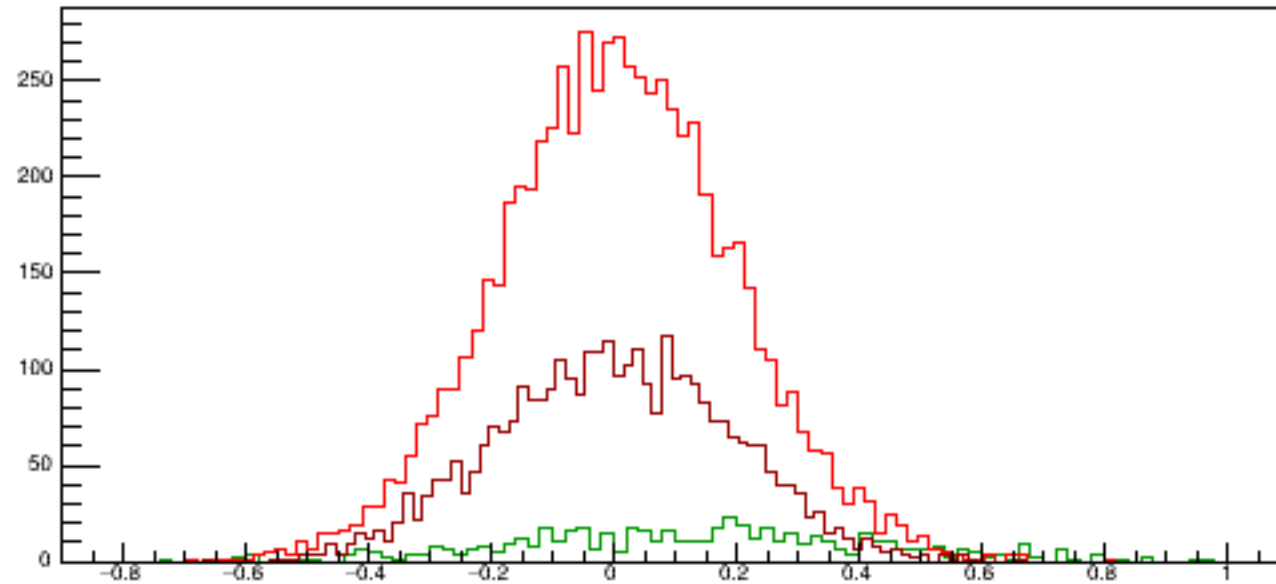
Std Dev: 0.2933 +/- 0.0089

Entries: 3335

Mean: 0.0007 +/- 0.0033

Std Dev: 0.1898 +/- 0.0023

Run 4608 quartetwise, Diffs



Cycle 18, Sums

Entries: 7032

Mean: 14.3313 +/- 0.0036

Std Dev: 0.3037 +/- 0.0026

Entries: 548

Mean: 22.7345 +/- 0.0210

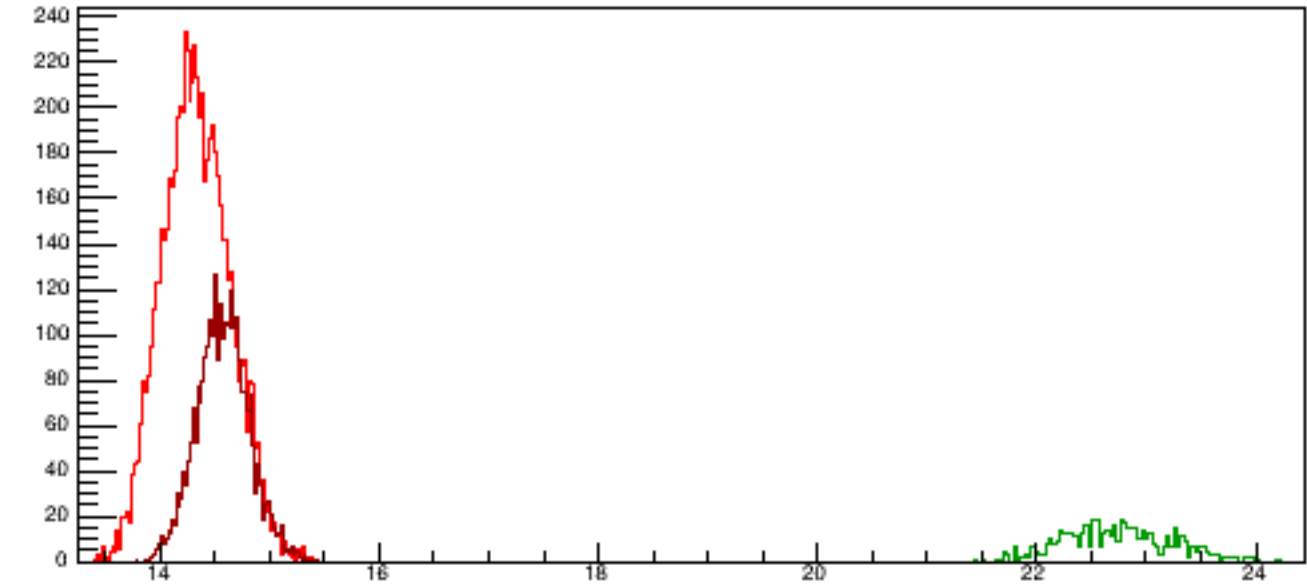
Std Dev: 0.4907 +/- 0.0148

Entries: 3335

Mean: 14.5719 +/- 0.0041

Std Dev: 0.2384 +/- 0.0029

Run 4608 quartetwise, Sums



Cycle 18, Asyms

Entries: 7032

Mean: 0.0006 +/- 0.0003

Std Dev: 0.0231 +/- 0.0002

Entries: 548

Mean: 0.0166 +/- 0.0015

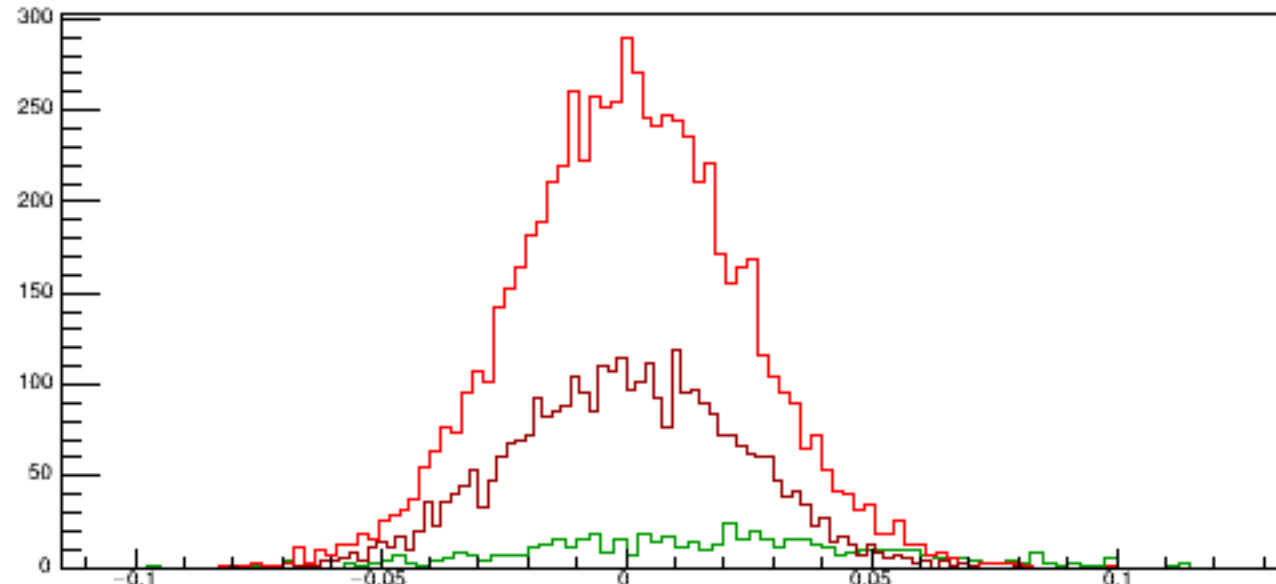
Std Dev: 0.0356 +/- 0.0011

Entries: 3335

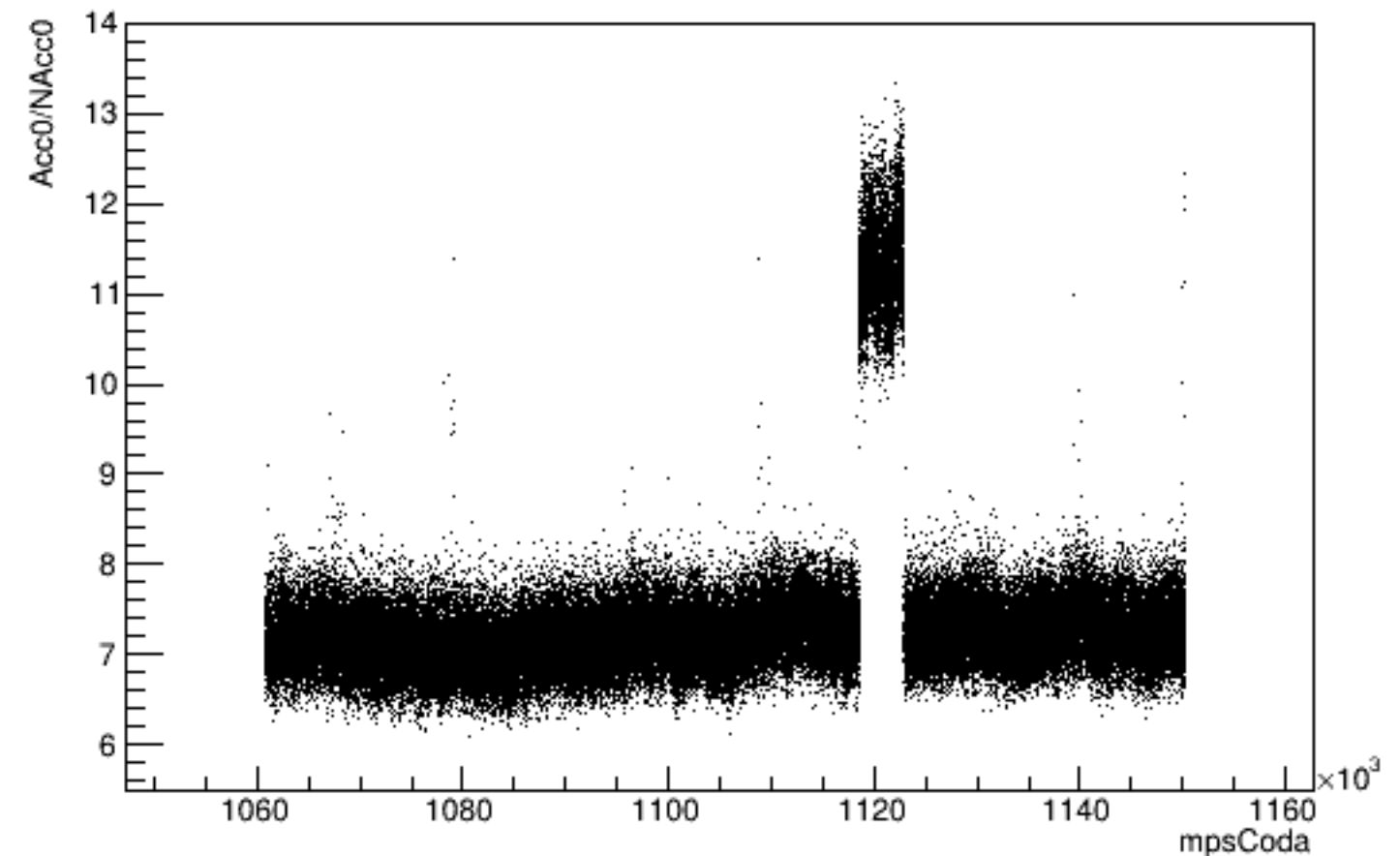
Mean: 0.0001 +/- 0.0004

Std Dev: 0.0229 +/- 0.0003

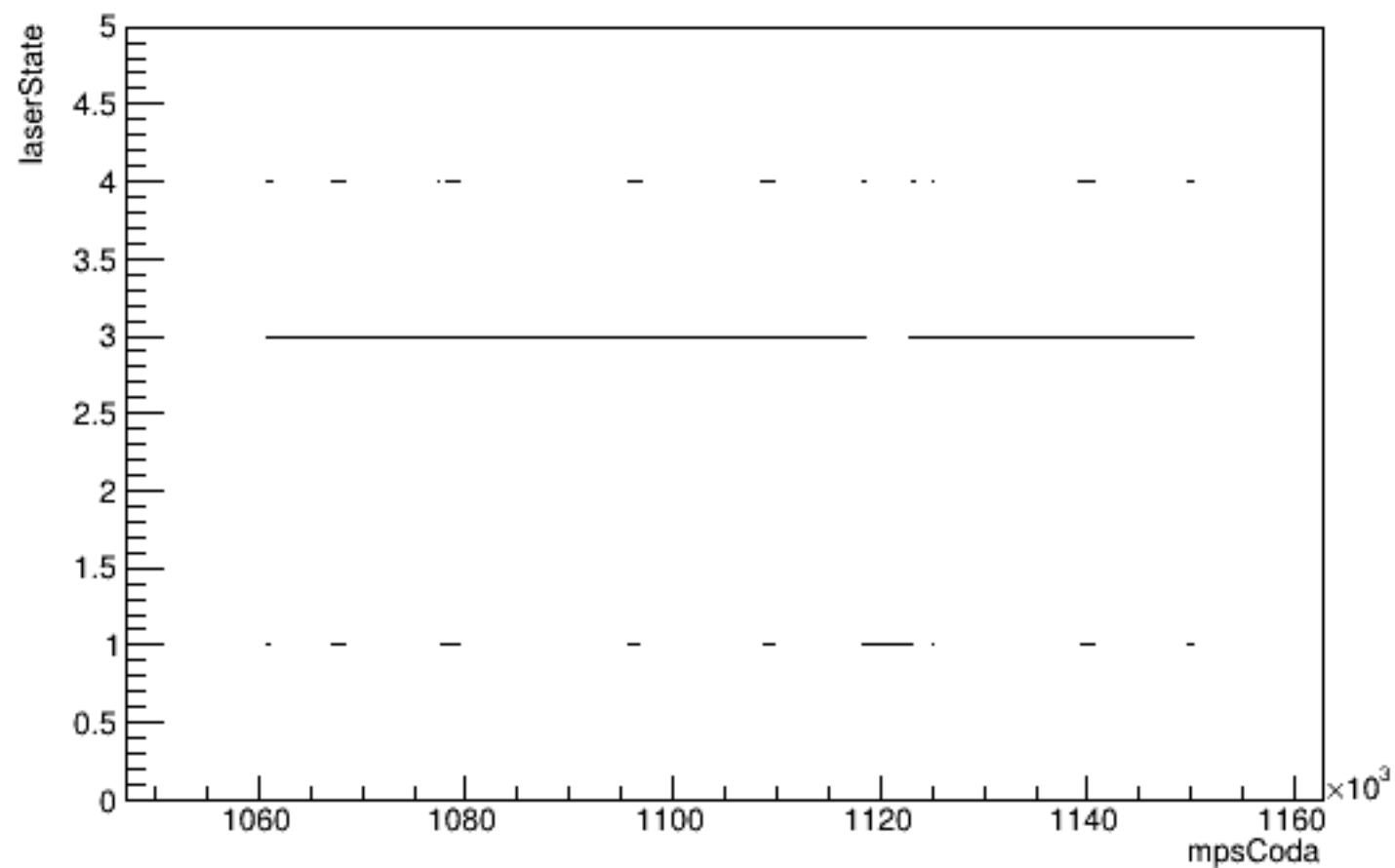
Run 4608 quartetwise, Asyms



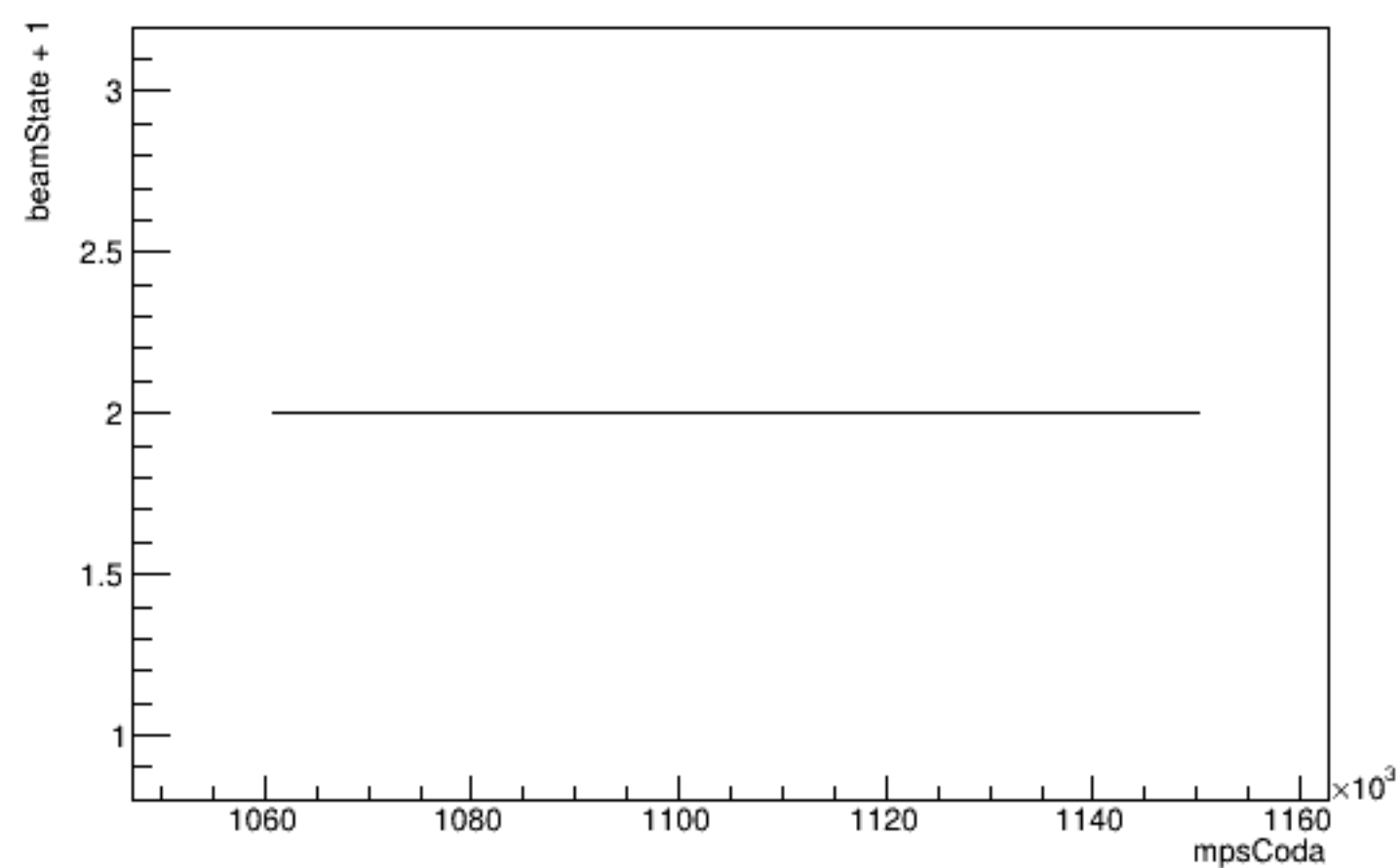
Acc0/NAcc0:mpsCoda (mpsCoda>=1060855 && mpsCoda<=1150230 && beamState==1)



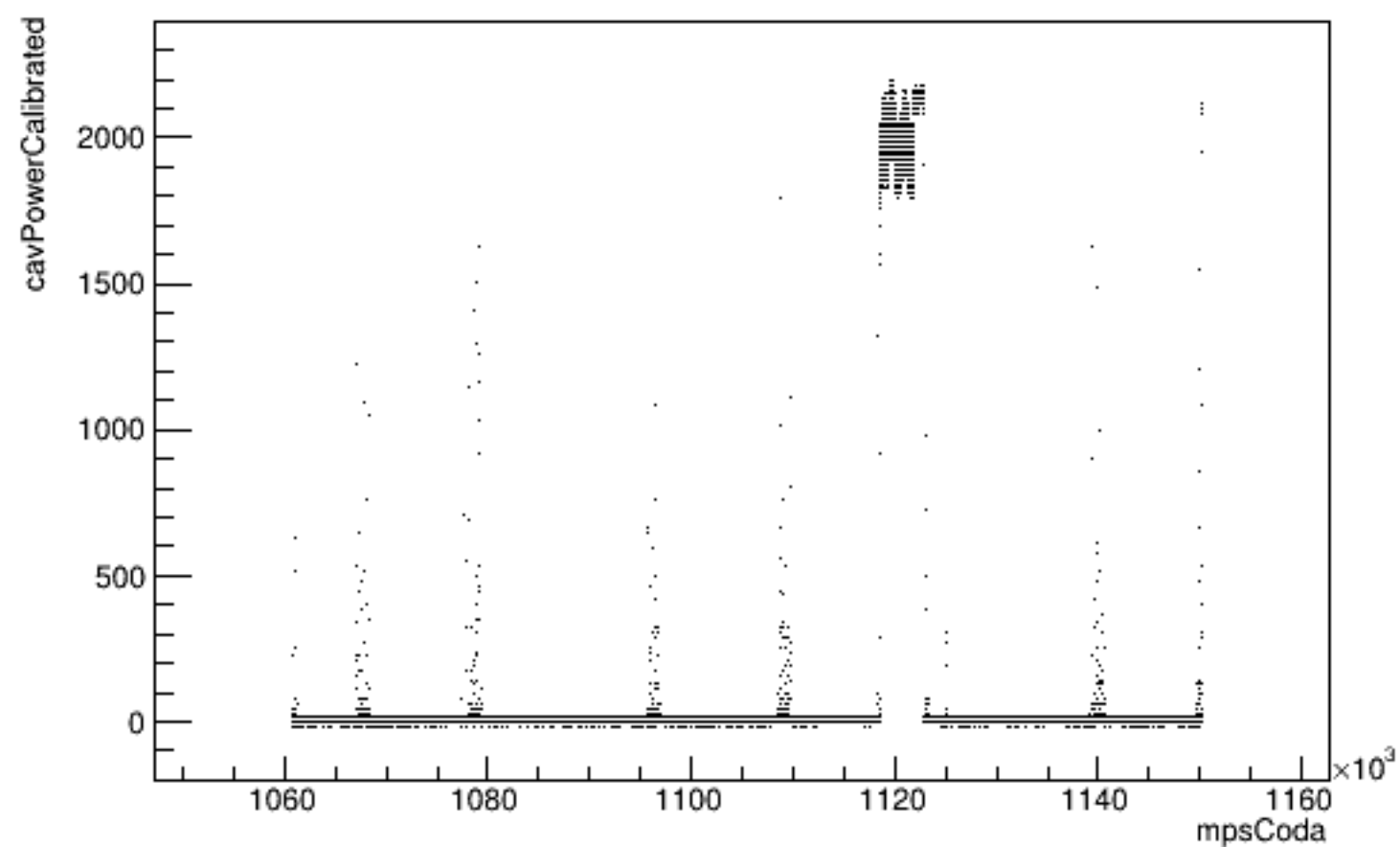
laserState:mpsCoda {mpsCoda>=1060855 && mpsCoda<=1150230}



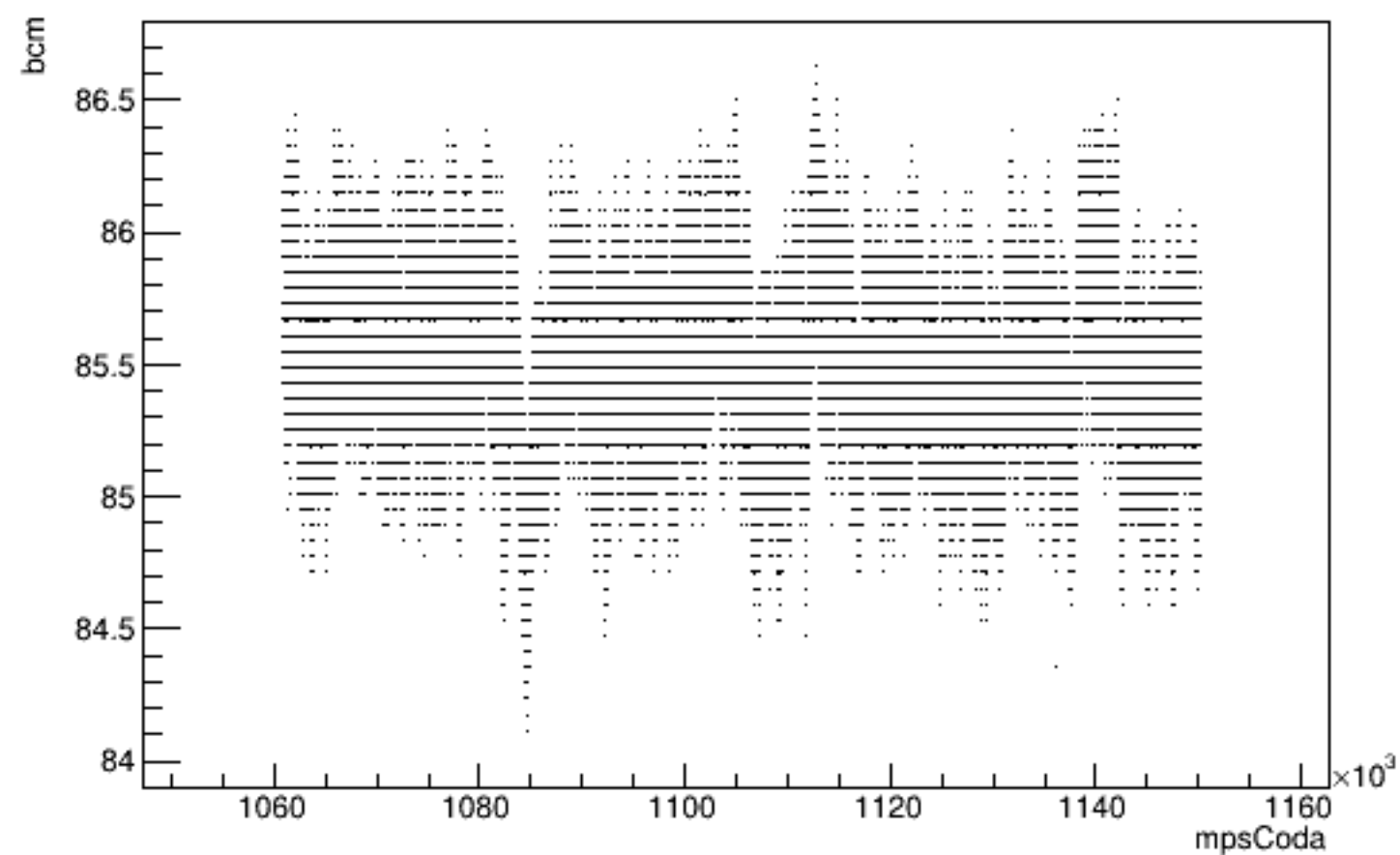
beamState + 1:mpsCoda {mpsCoda>=1060855 && mpsCoda<=1150230}



cavPowerCalibrated:mpsCoda {mpsCoda>=1060855 && mpsCoda<=1150230}



bcm:mpsCoda {mpsCoda>=1060855 && mpsCoda<=1150230}



Cycle 19, Diffs

Entries: 3335

Mean: 0.0007 +/- 0.0033

Std Dev: 0.1898 +/- 0.0023

Entries: 503

Mean: 0.1203 +/- 0.0126

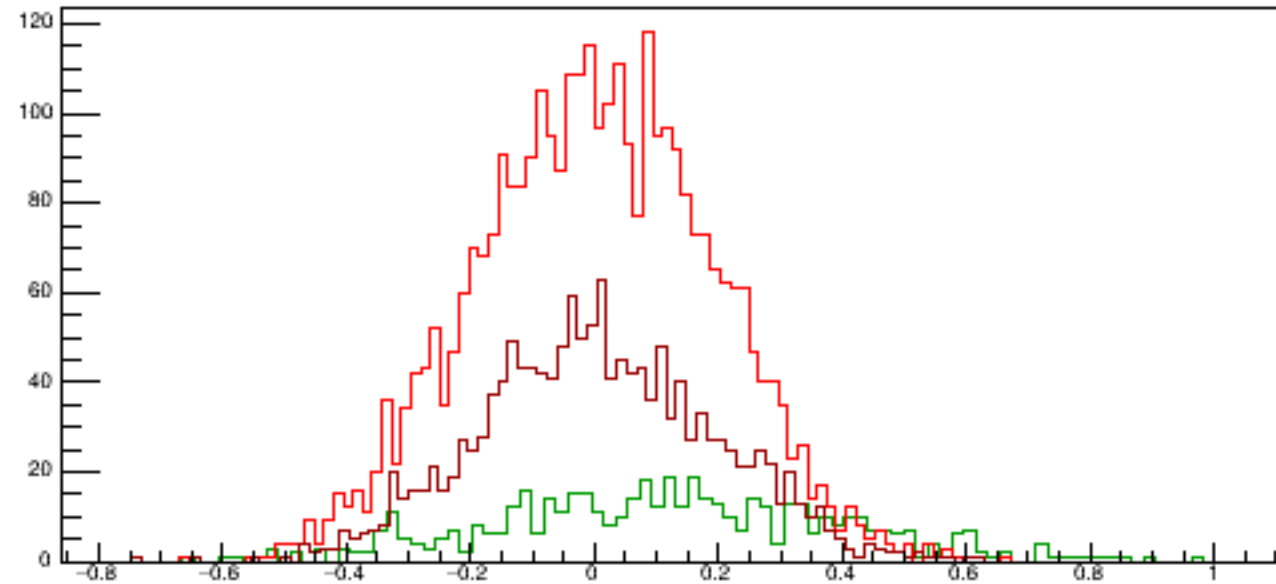
Std Dev: 0.2825 +/- 0.0089

Entries: 1477

Mean: 0.0039 +/- 0.0050

Std Dev: 0.1907 +/- 0.0035

Run 4608 quartetwise, Diffs



Cycle 19, Sums

Entries: 3335

Mean: 14.5719 +/- 0.0041

Std Dev: 0.2384 +/- 0.0029

Entries: 503

Mean: 23.3121 +/- 0.0191

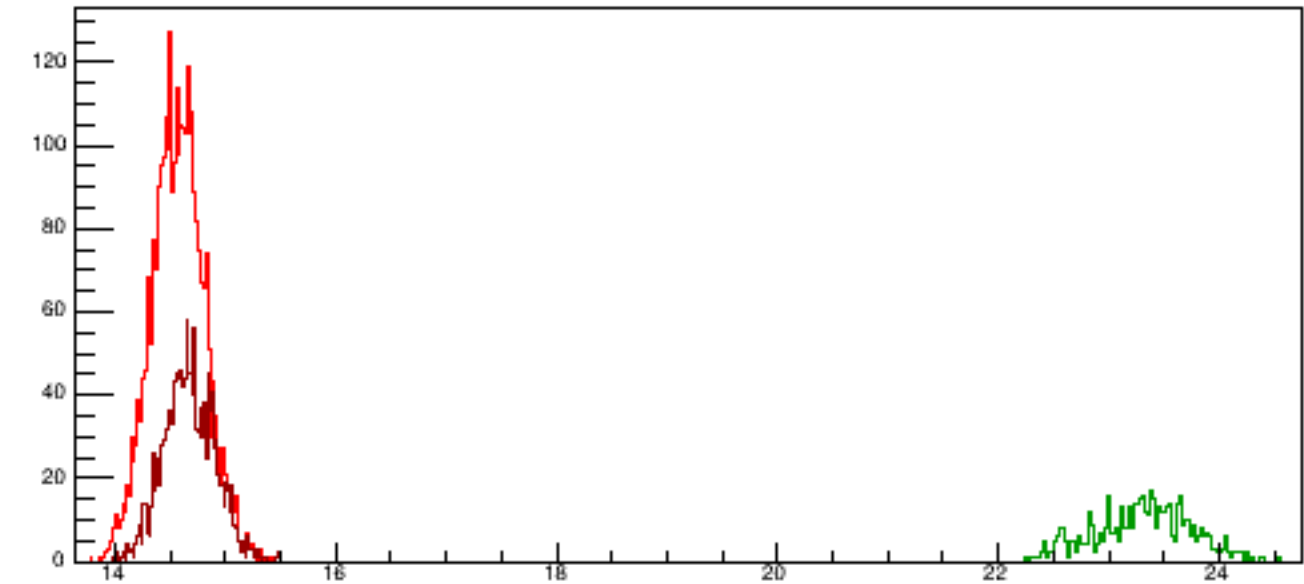
Std Dev: 0.4289 +/- 0.0135

Entries: 1477

Mean: 14.6773 +/- 0.0060

Std Dev: 0.2299 +/- 0.0042

Run 4608 quartetwise, Sums



Cycle 19, Asyms

Entries: 3335

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0219 +/- 0.0003

Entries: 503

Mean: 0.0139 +/- 0.0015

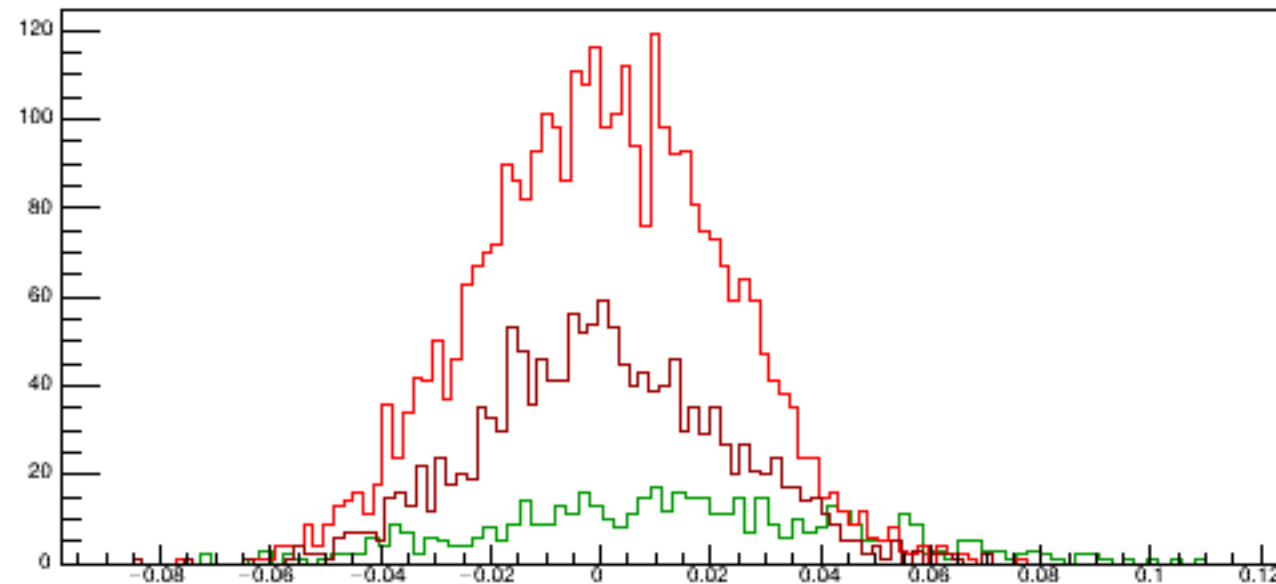
Std Dev: 0.0325 +/- 0.0010

Entries: 1477

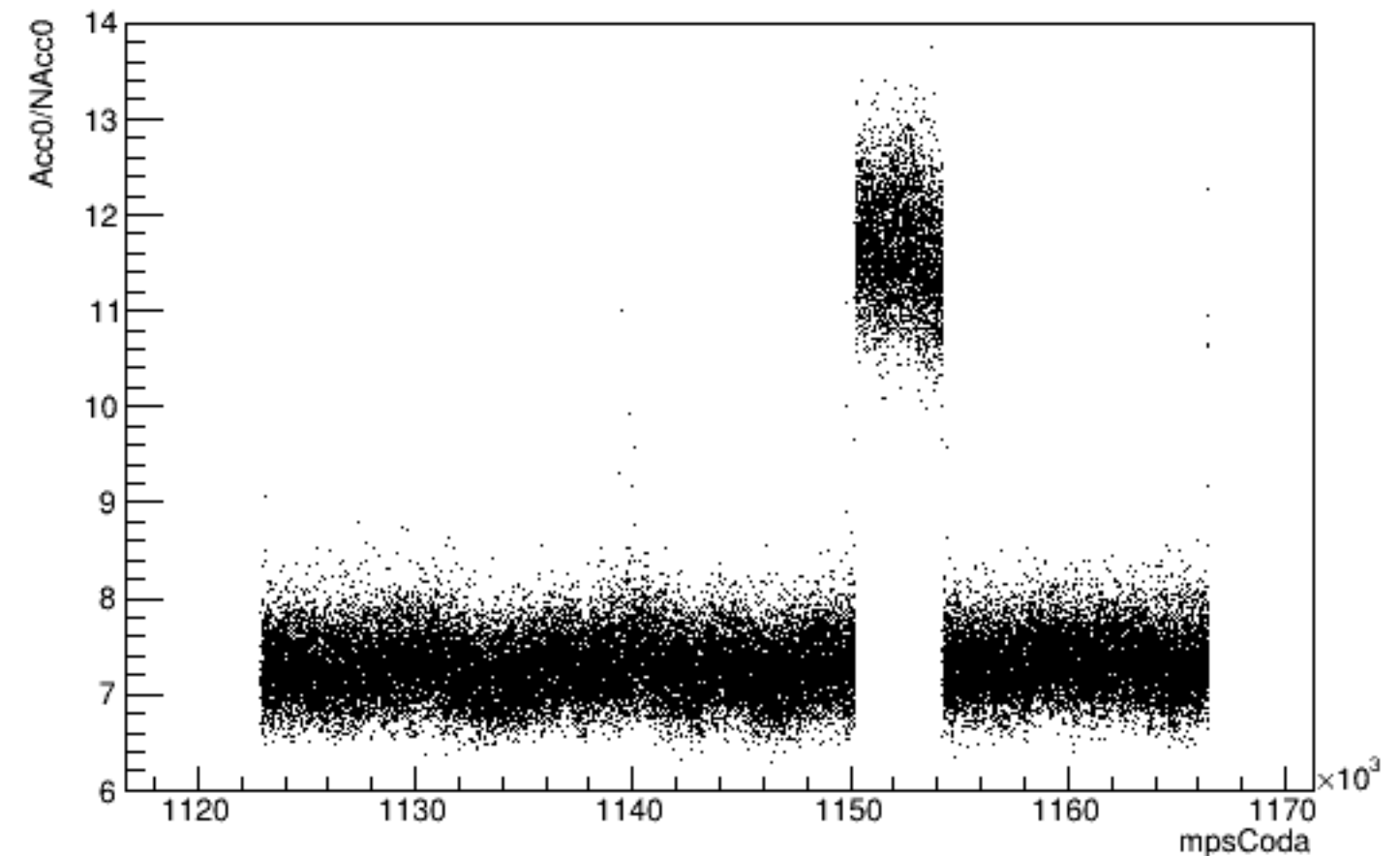
Mean: 0.0005 +/- 0.0006

Std Dev: 0.0220 +/- 0.0004

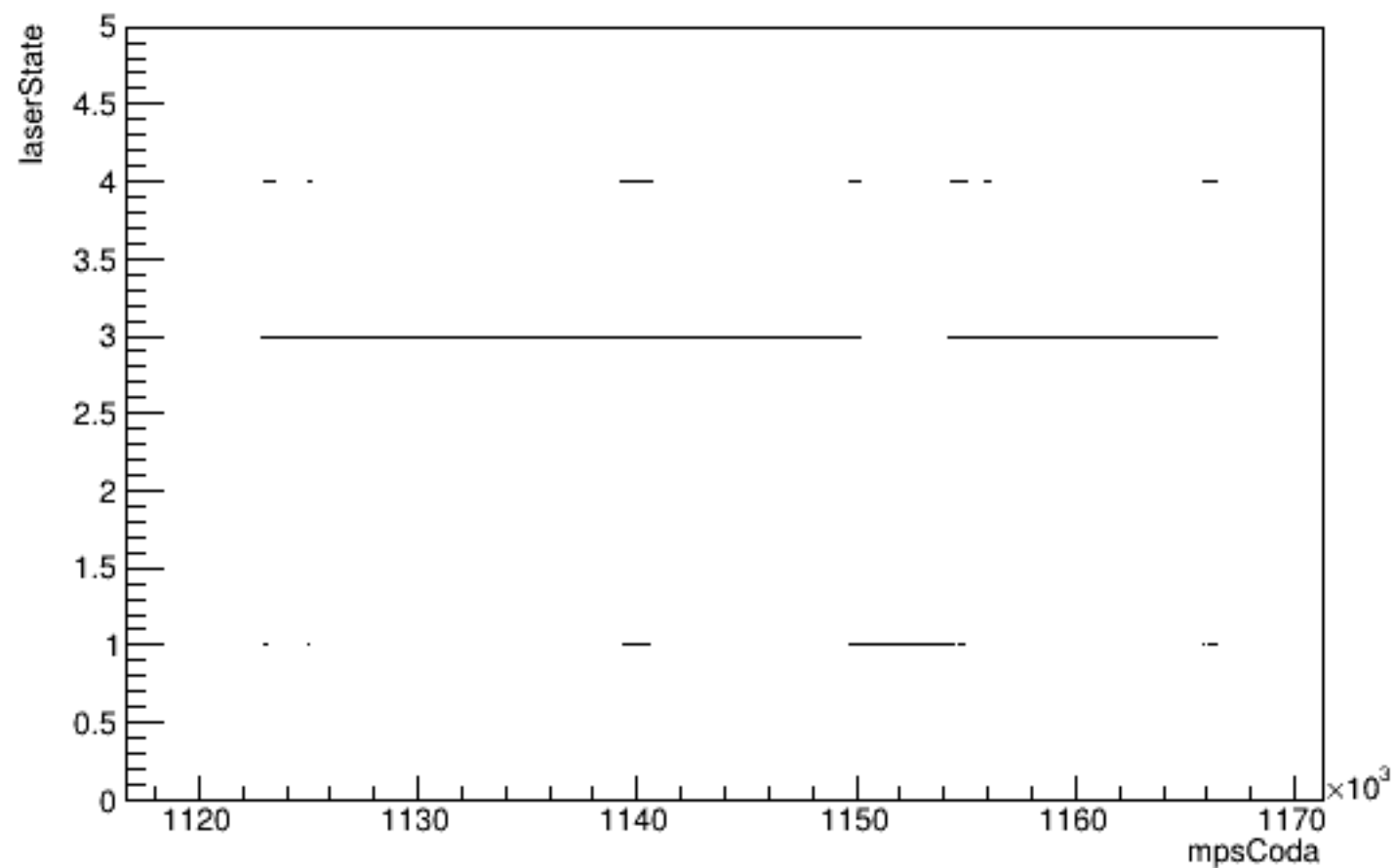
Run 4608 quartetwise, Asyms



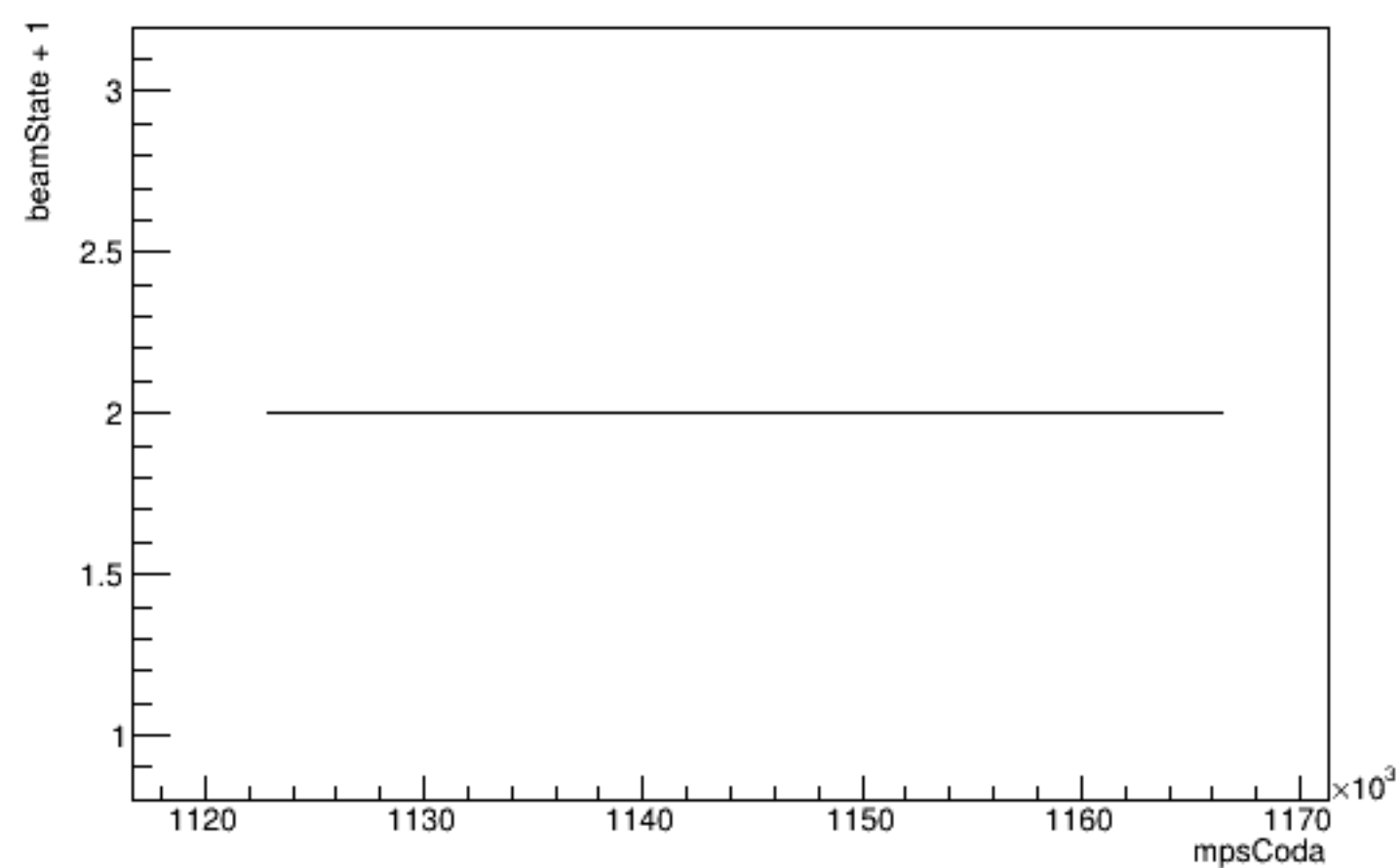
Acc0/NAcc0:mpsCoda (mpsCoda>=1122919 && mpsCoda<=1166486 && beamState==1)



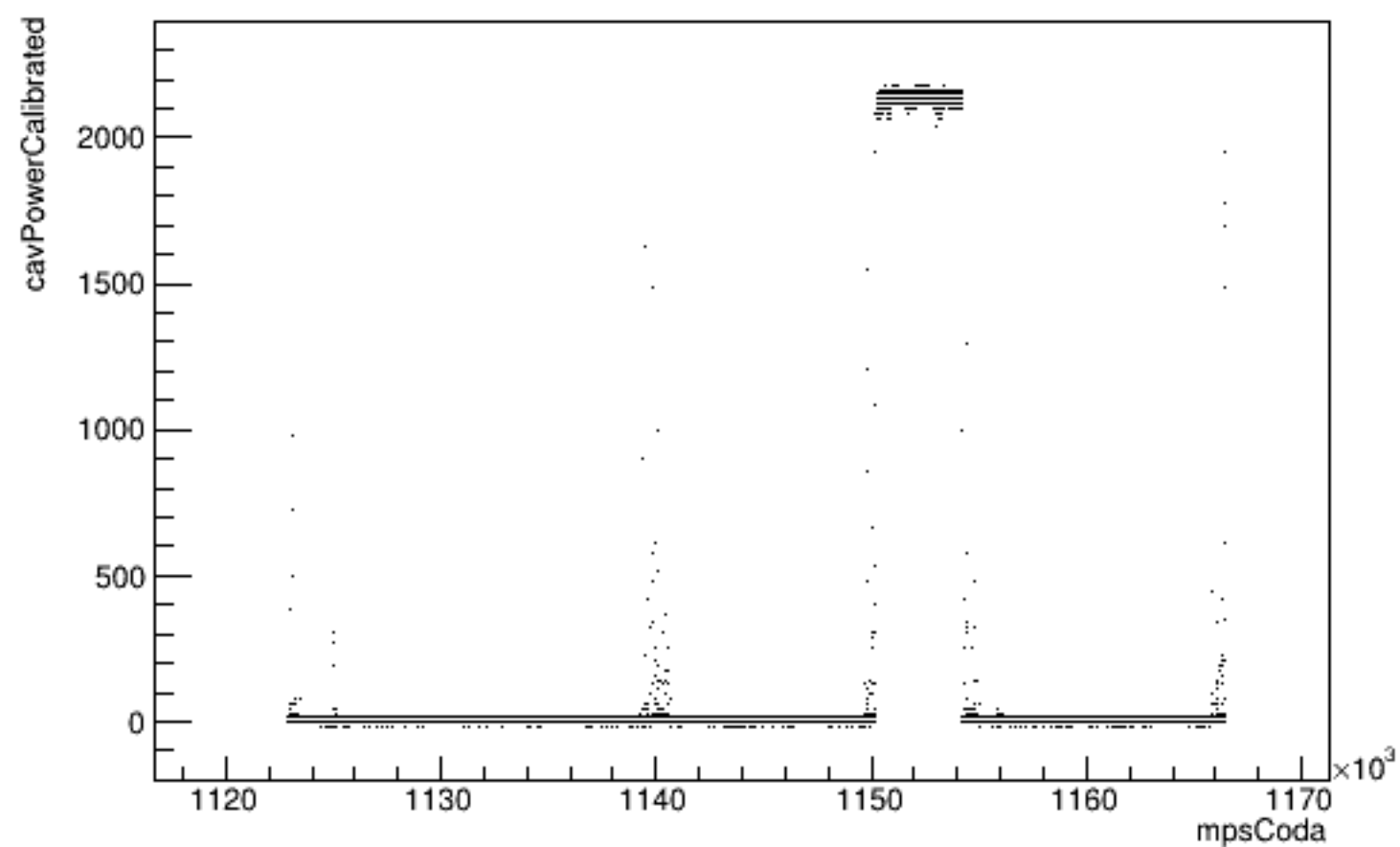
laserState:mpsCoda {mpsCoda>=1122919 && mpsCoda<=1166486}



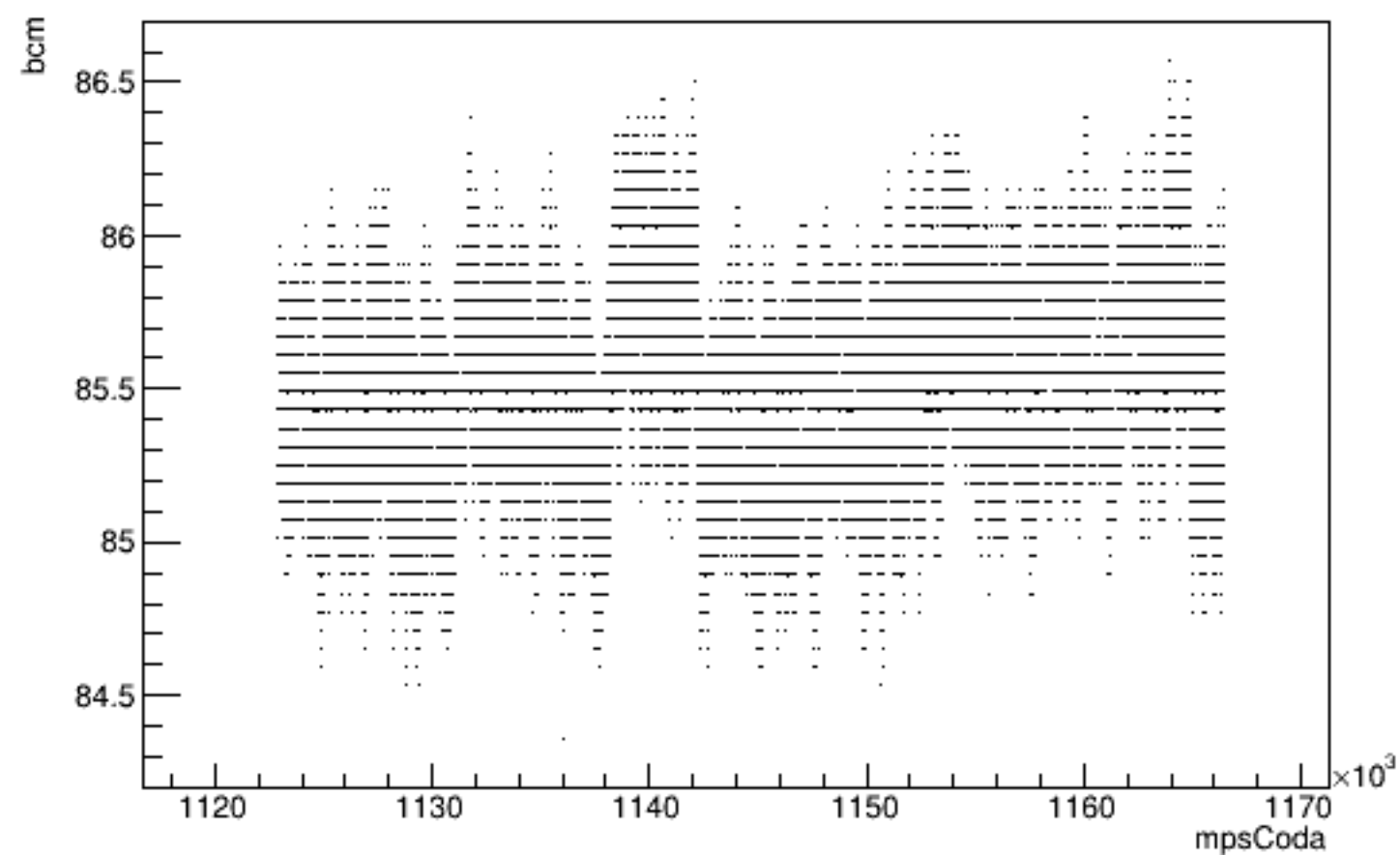
beamState + 1:mpsCoda {mpsCoda>=1122919 && mpsCoda<=1166486}



cavPowerCalibrated:mpsCoda {mpsCoda>=1122919 && mpsCoda<=1166486}



bcm:mpsCoda {mpsCoda>=1122919 && mpsCoda<=1166486}



Cycle 20, Diffs

Entries: 1477

Mean: 0.0039 +/- 0.0050

Std Dev: 0.1907 +/- 0.0035

Entries: 442

Mean: 0.1339 +/- 0.0139

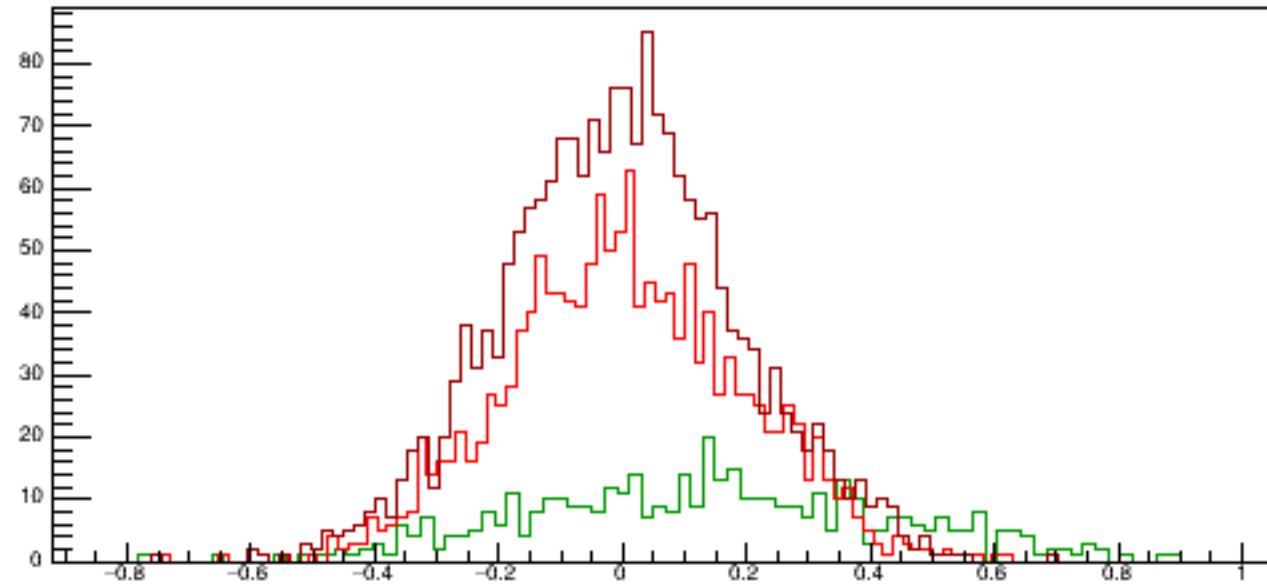
Std Dev: 0.2914 +/- 0.0098

Entries: 1982

Mean: -0.0037 +/- 0.0043

Std Dev: 0.1899 +/- 0.0030

Run 4608 quartetwise, Diffs



Cycle 20, Sums

Entries: 1477

Mean: 14.6773 +/- 0.0060

Std Dev: 0.2299 +/- 0.0042

Entries: 442

Mean: 23.1787 +/- 0.0174

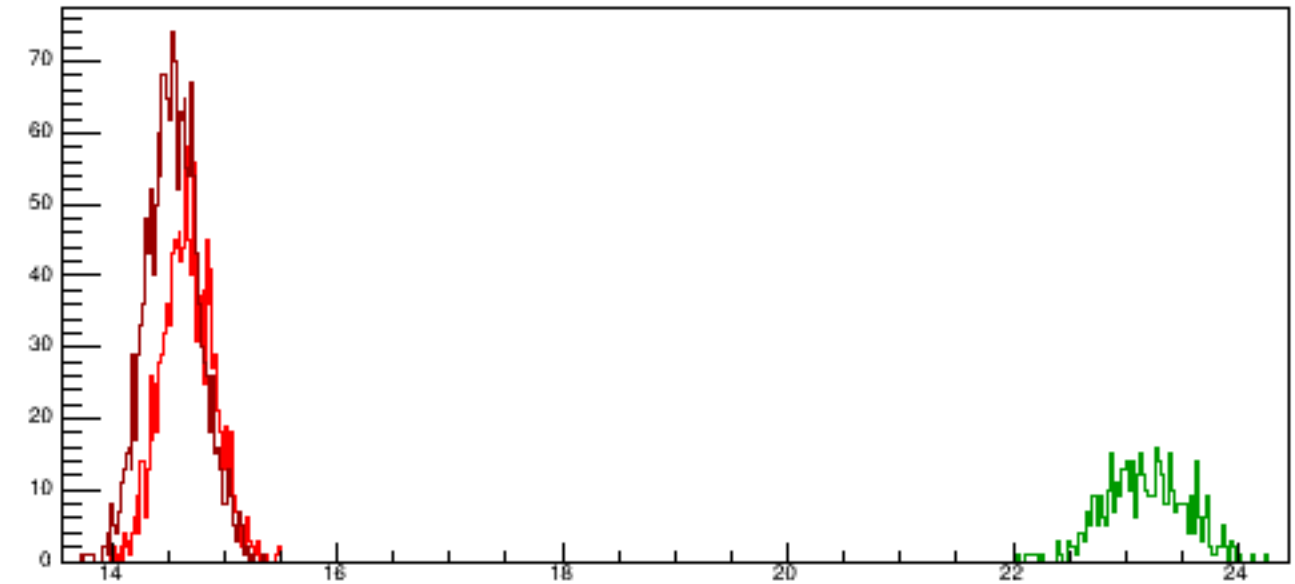
Std Dev: 0.3661 +/- 0.0123

Entries: 1982

Mean: 14.5474 +/- 0.0053

Std Dev: 0.2353 +/- 0.0037

Run 4608 quartetwise, Sums



Cycle 20, Asyms

Entries: 1477

Mean: 0.0005 +/- 0.0006

Std Dev: 0.0223 +/- 0.0004

Entries: 442

Mean: 0.0157 +/- 0.0016

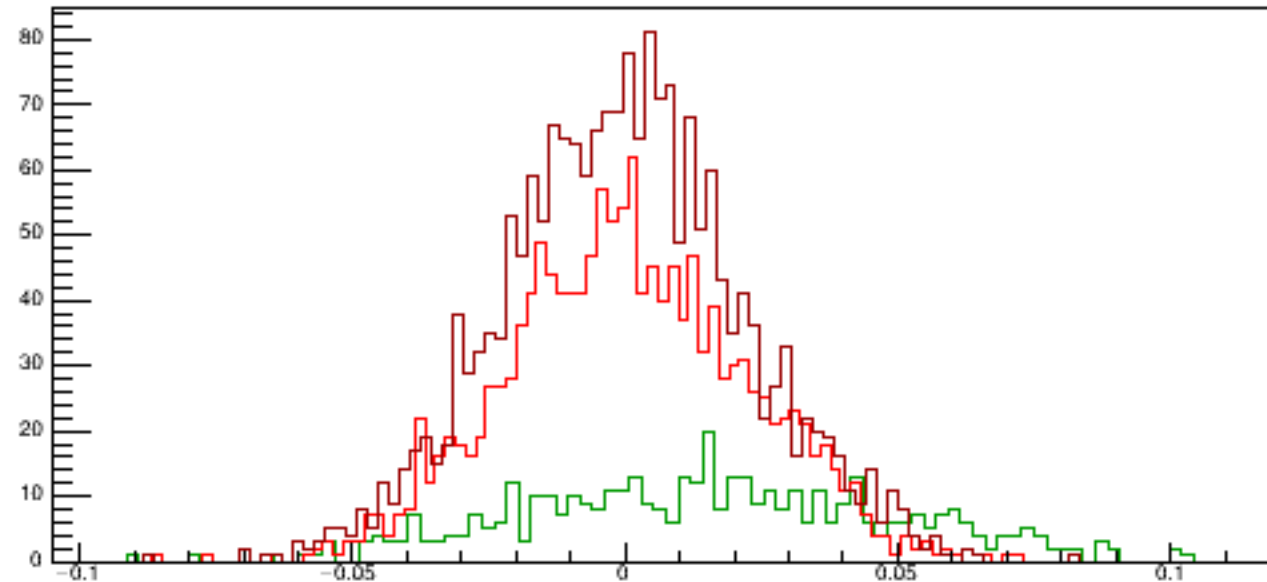
Std Dev: 0.0340 +/- 0.0011

Entries: 1982

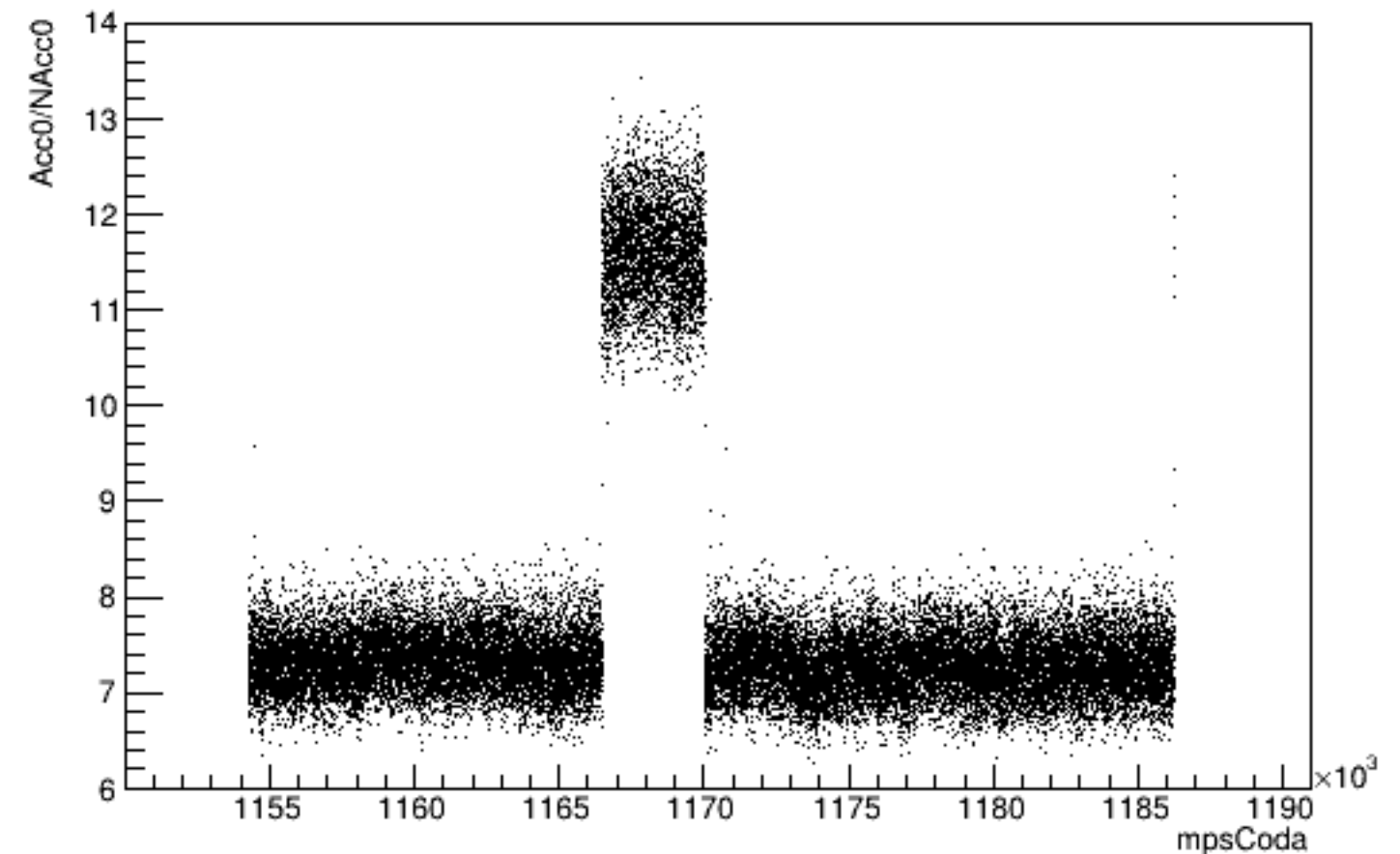
Mean: -0.0004 +/- 0.0005

Std Dev: 0.0222 +/- 0.0004

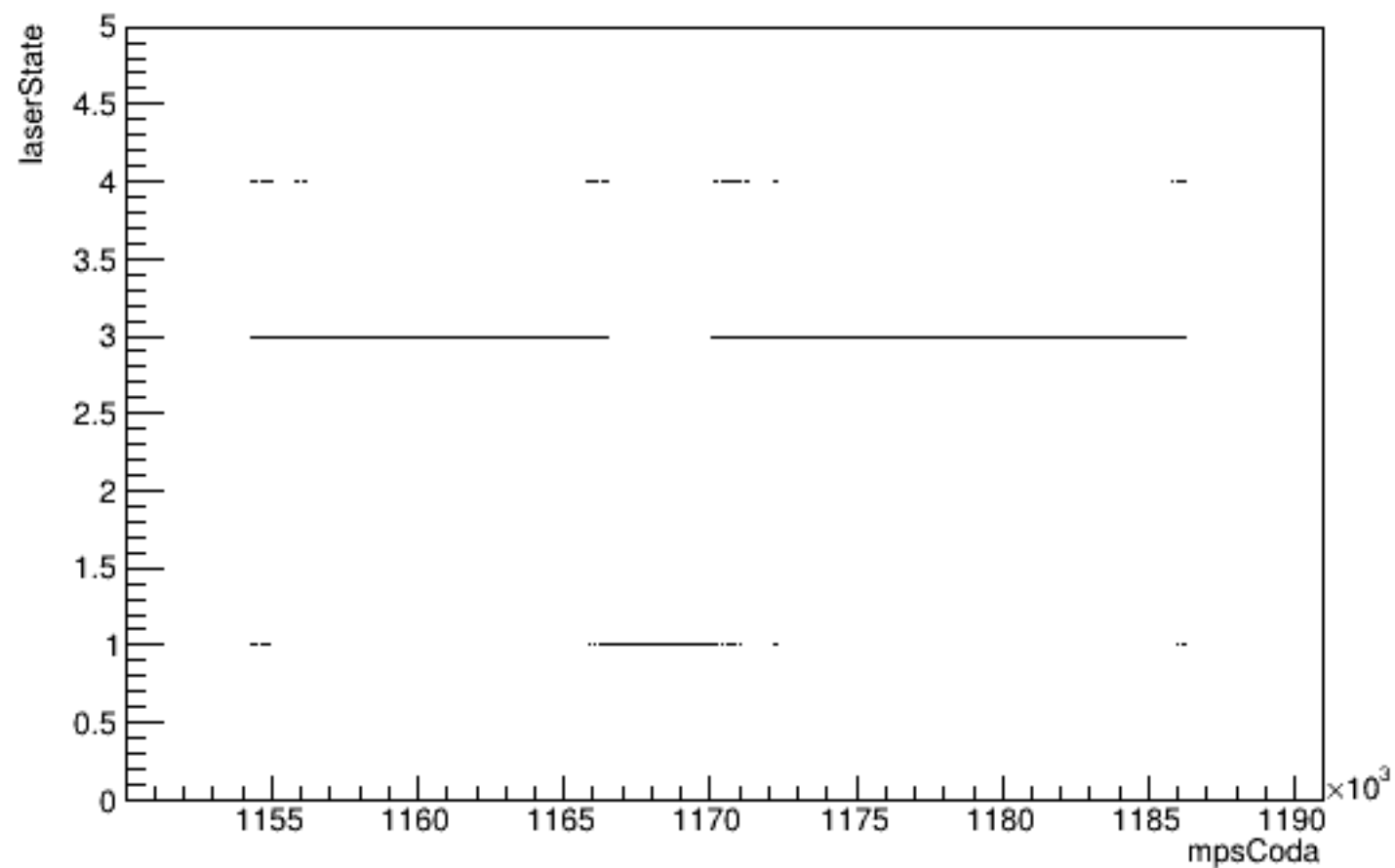
Run 4608 quartetwise, Asyms



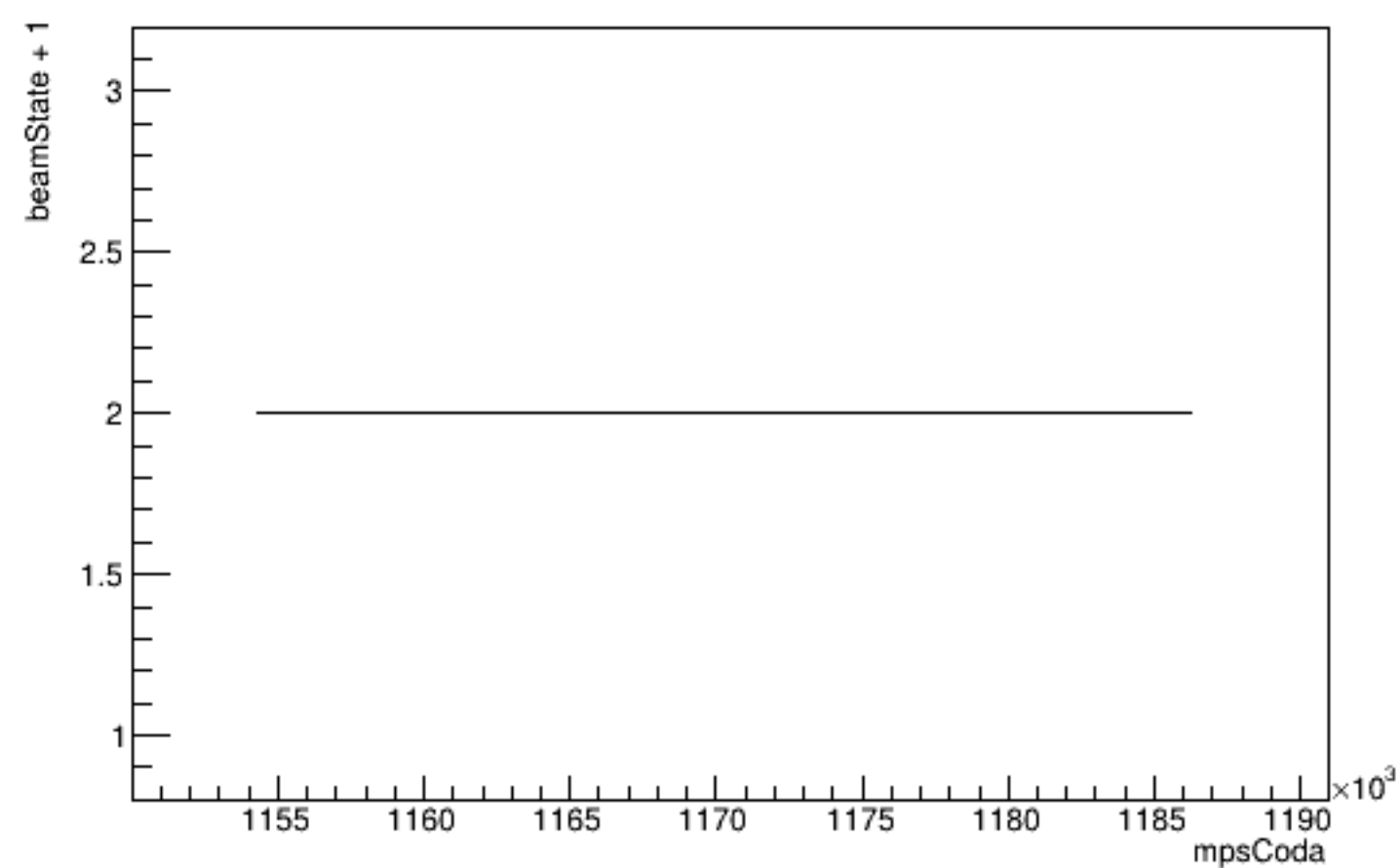
Acc0/NAcc0:mpsCoda (mpsCoda>=1154263 && mpsCoda<=1186246 && beamState==1)



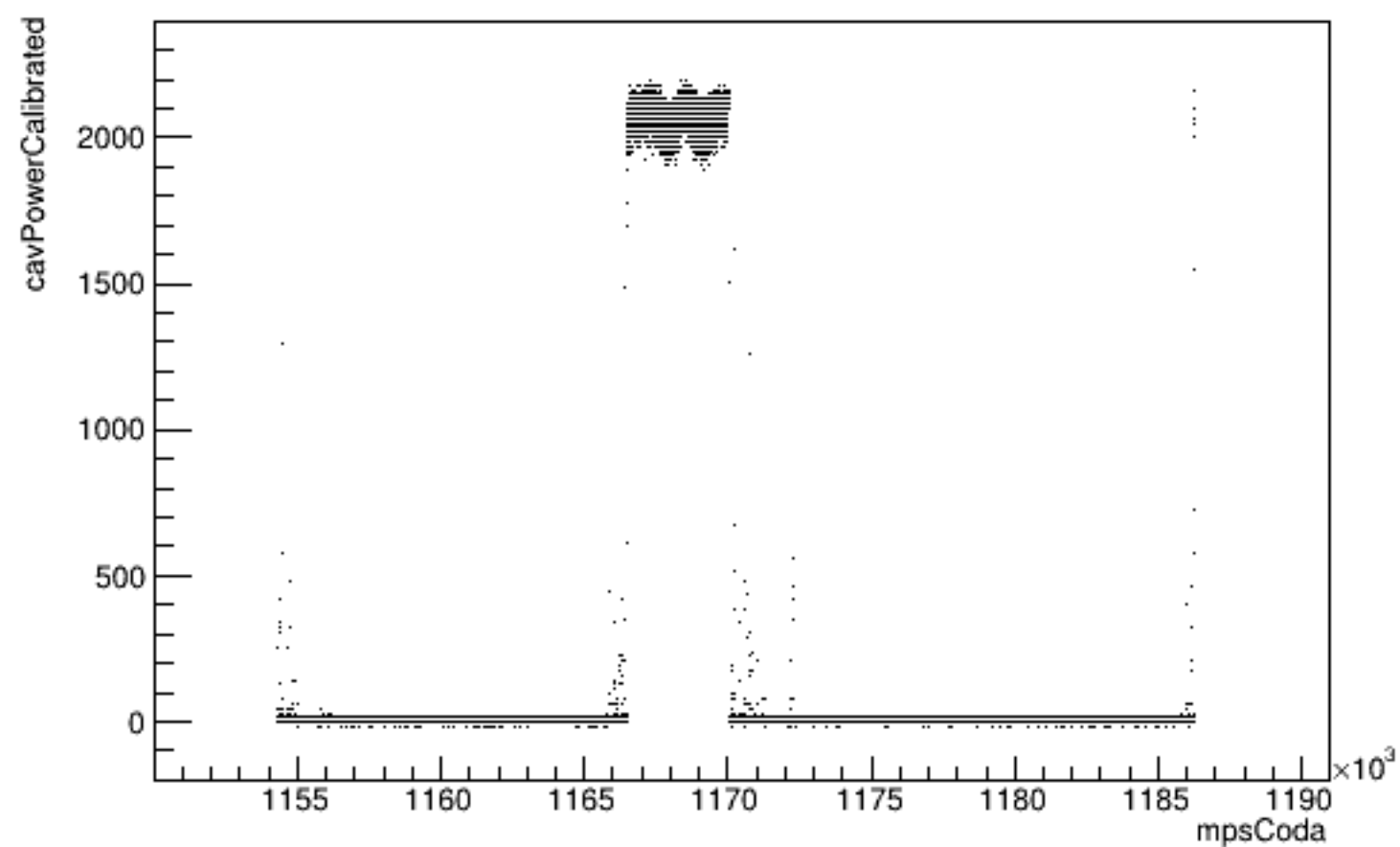
laserState:mpsCoda {mpsCoda>=1154263 && mpsCoda<=1186246}



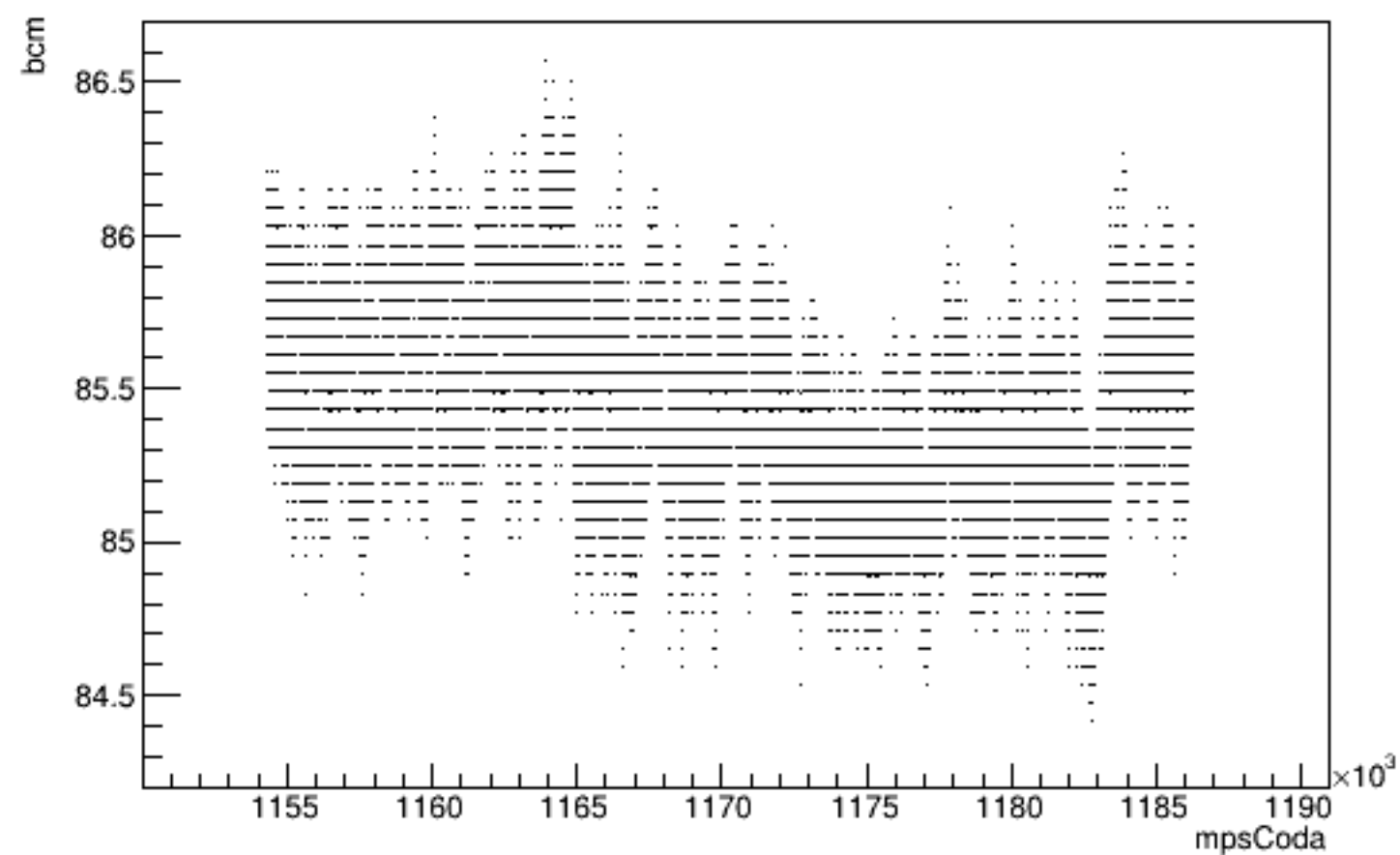
beamState + 1:mpsCoda {mpsCoda>=1154263 && mpsCoda<=1186246}



cavPowerCalibrated:mpsCoda {mpsCoda>=1154263 && mpsCoda<=1186246}



bcm:mpsCoda {mpsCoda>=1154263 && mpsCoda<=1186246}



Cycle 21, Diffs

Entries: 1982

Mean: -0.0037 +/- 0.0043

Std Dev: 0.1899 +/- 0.0030

Entries: 2168

Mean: 0.1263 +/- 0.0061

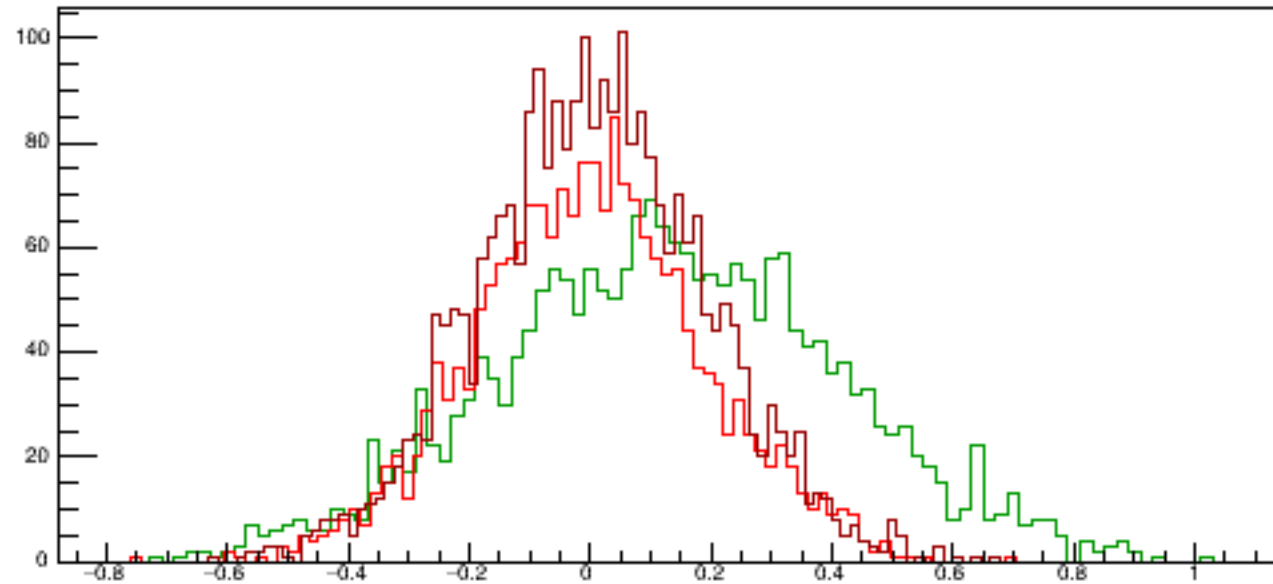
Std Dev: 0.2848 +/- 0.0043

Entries: 2712

Mean: 0.0047 +/- 0.0036

Std Dev: 0.1879 +/- 0.0026

Run 4608 quartetwise, Diffs



Cycle 21, Sums

Entries: 1982

Mean: 14.5474 +/- 0.0053

Std Dev: 0.2353 +/- 0.0037

Entries: 2168

Mean: 23.3361 +/- 0.0083

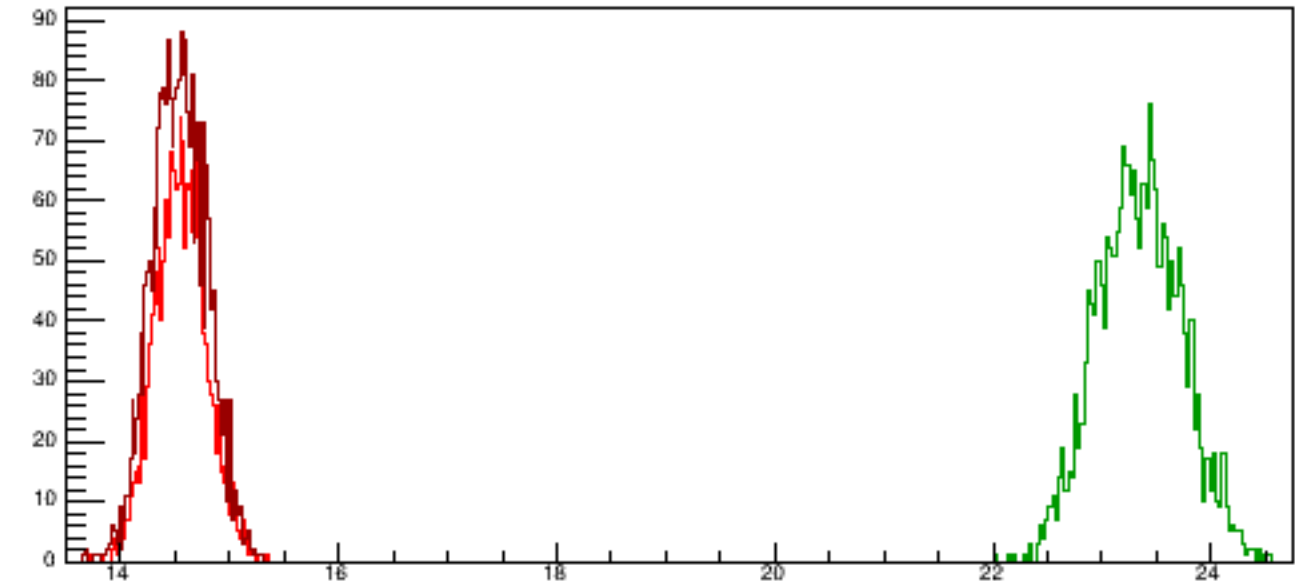
Std Dev: 0.3853 +/- 0.0059

Entries: 2712

Mean: 14.5380 +/- 0.0047

Std Dev: 0.2466 +/- 0.0033

Run 4608 quartetwise, Sums



Cycle 21, Asyms

Entries: 1982

Mean: -0.0004 +/- 0.0005

Std Dev: 0.0216 +/- 0.0003

Entries: 2168

Mean: 0.0145 +/- 0.0007

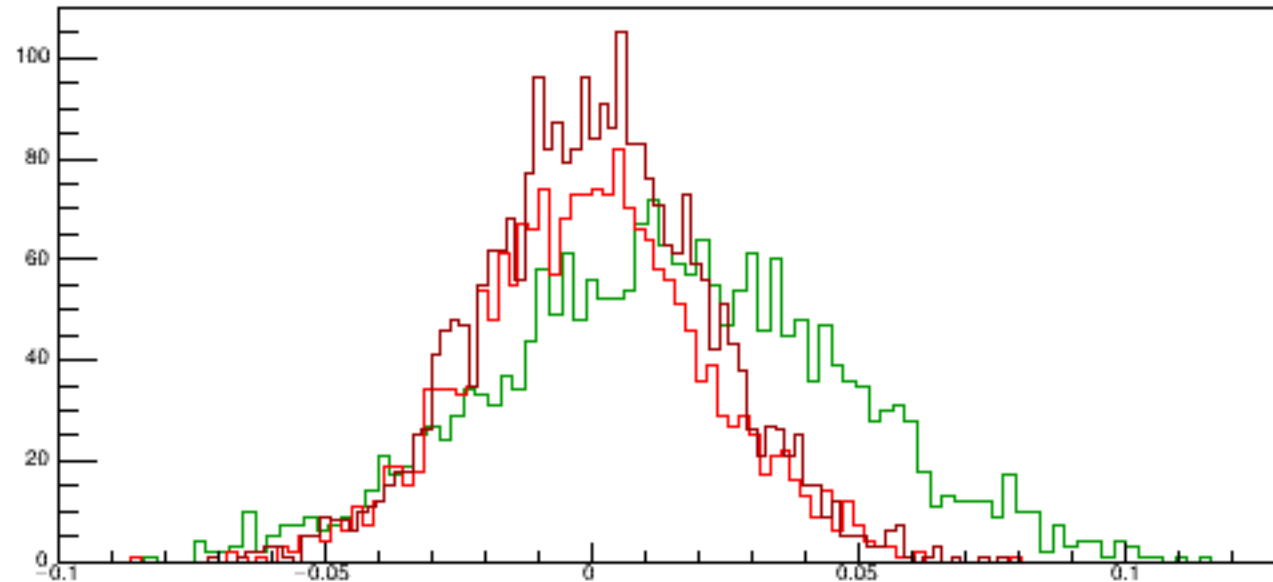
Std Dev: 0.0325 +/- 0.0005

Entries: 2712

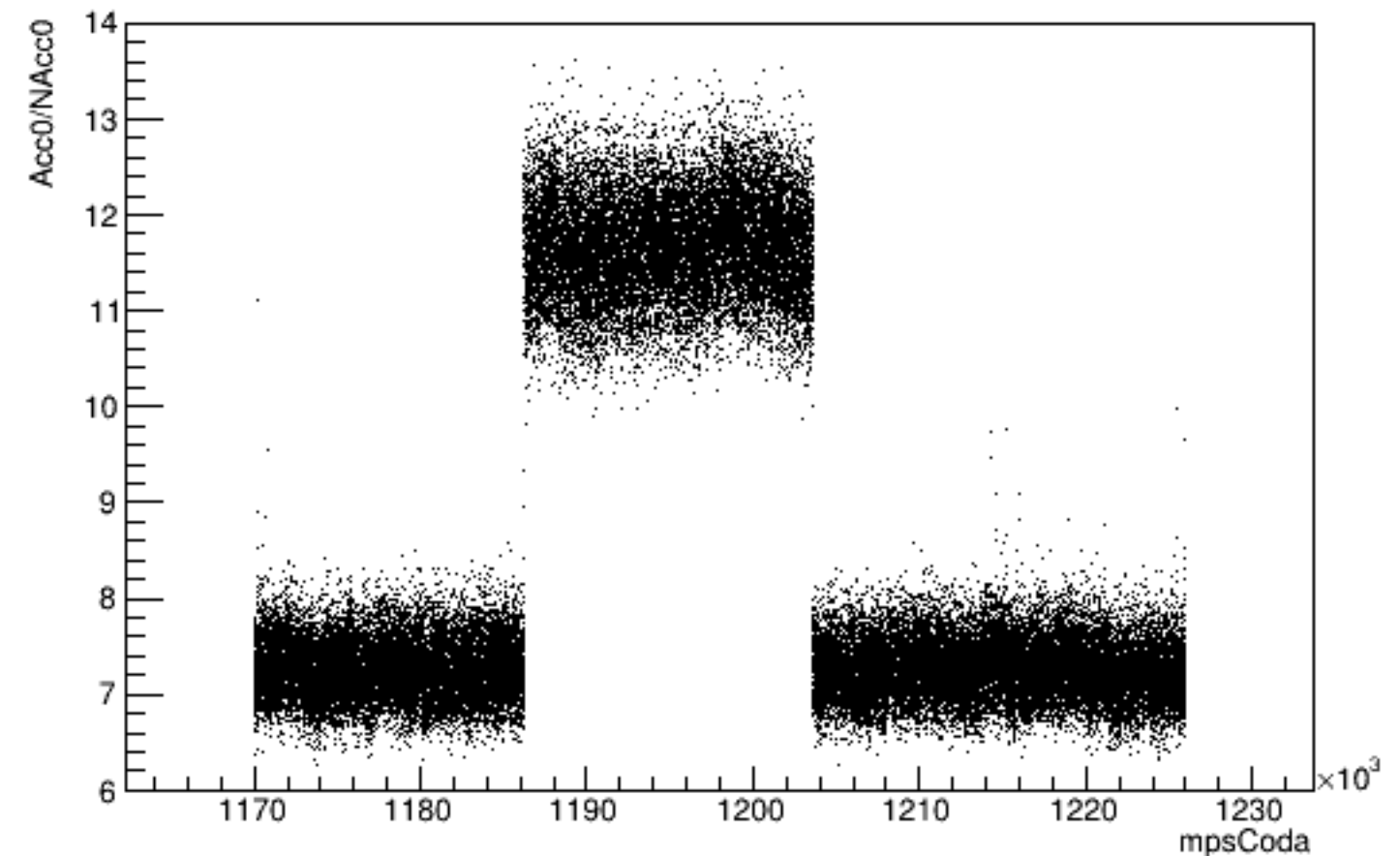
Mean: 0.0005 +/- 0.0004

Std Dev: 0.0214 +/- 0.0003

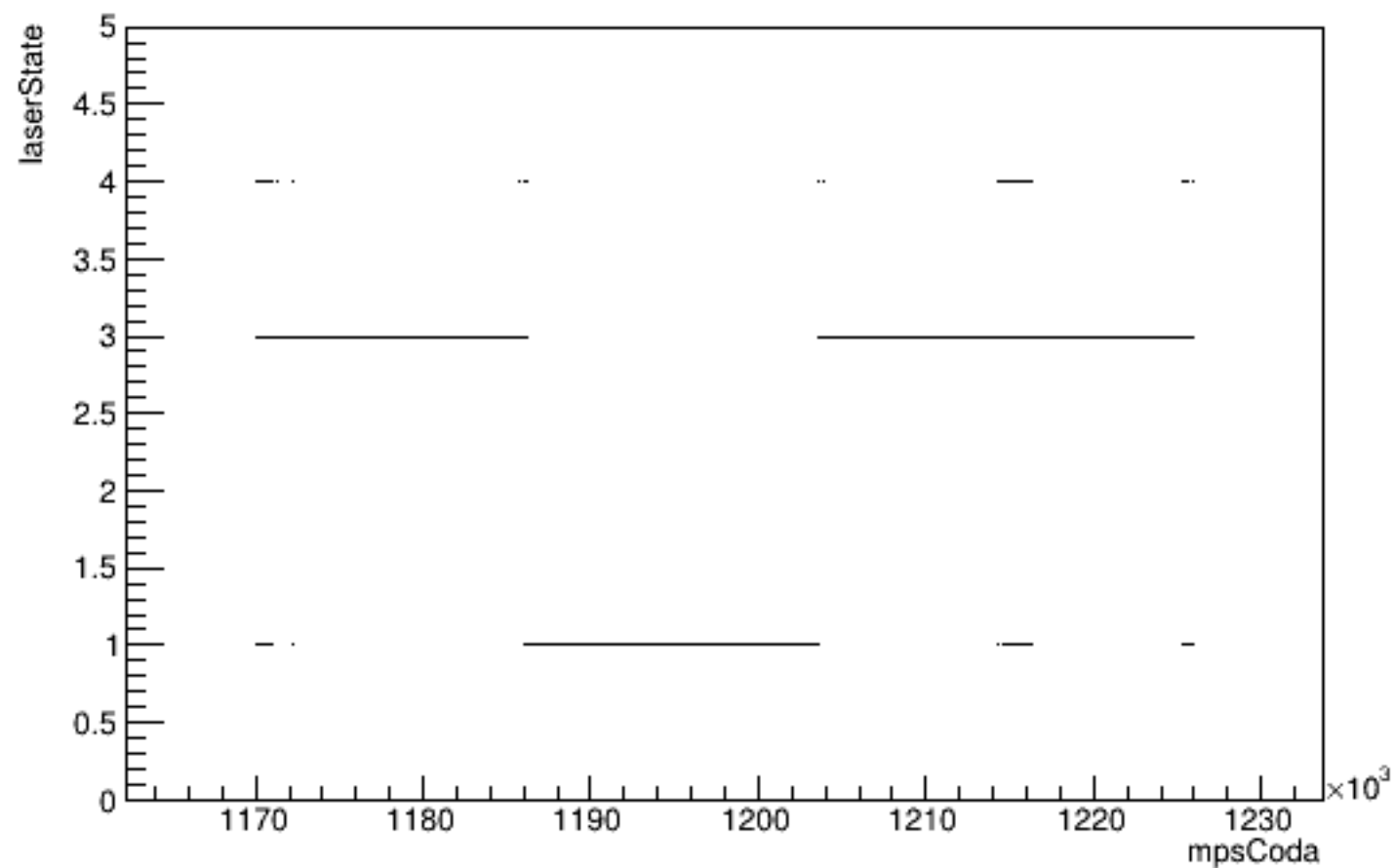
Run 4608 quartetwise, Asyms



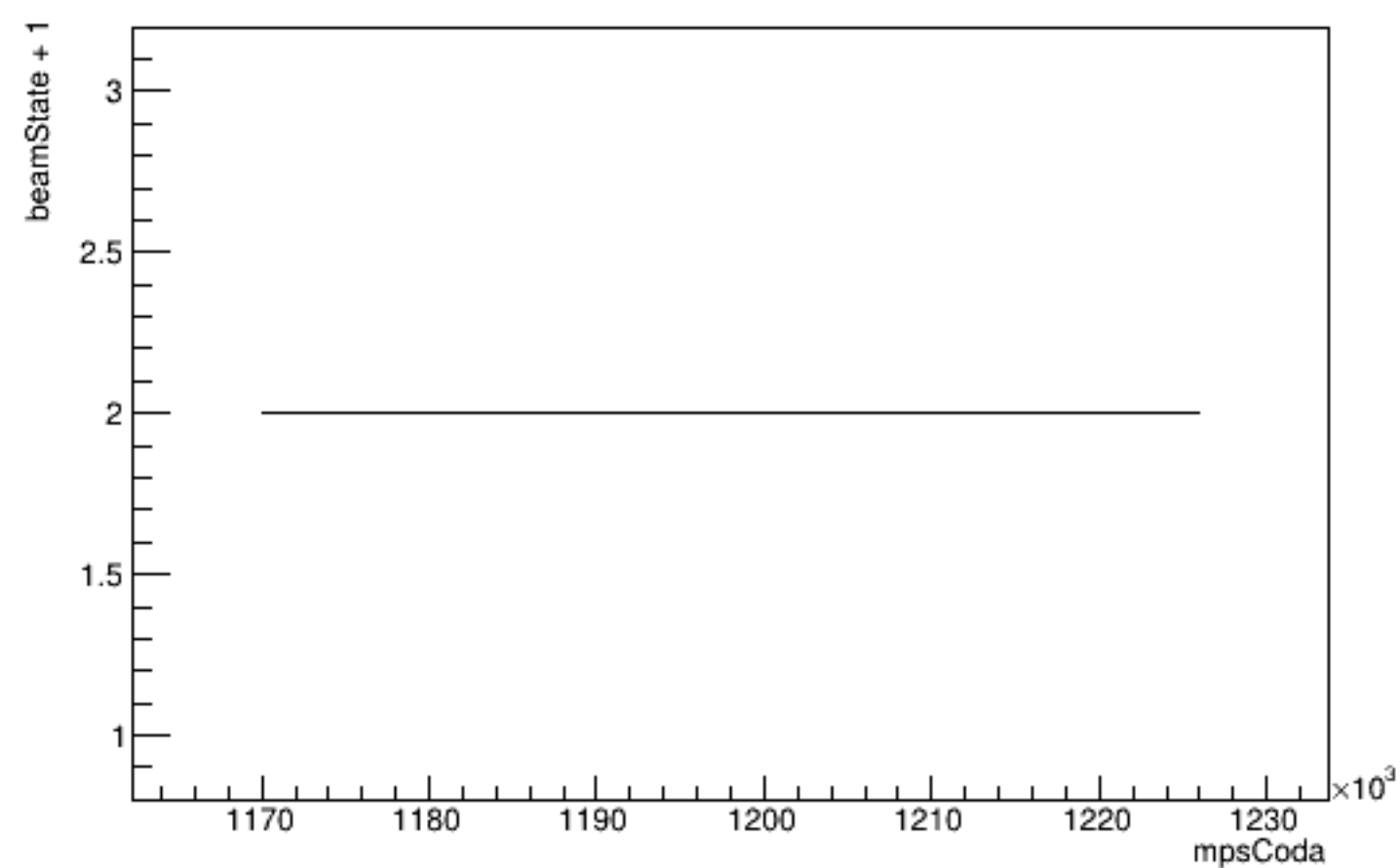
Acc0/NAcc0:mpsCoda (mpsCoda>=1170031 && mpsCoda<=1225974 && beamState==1)



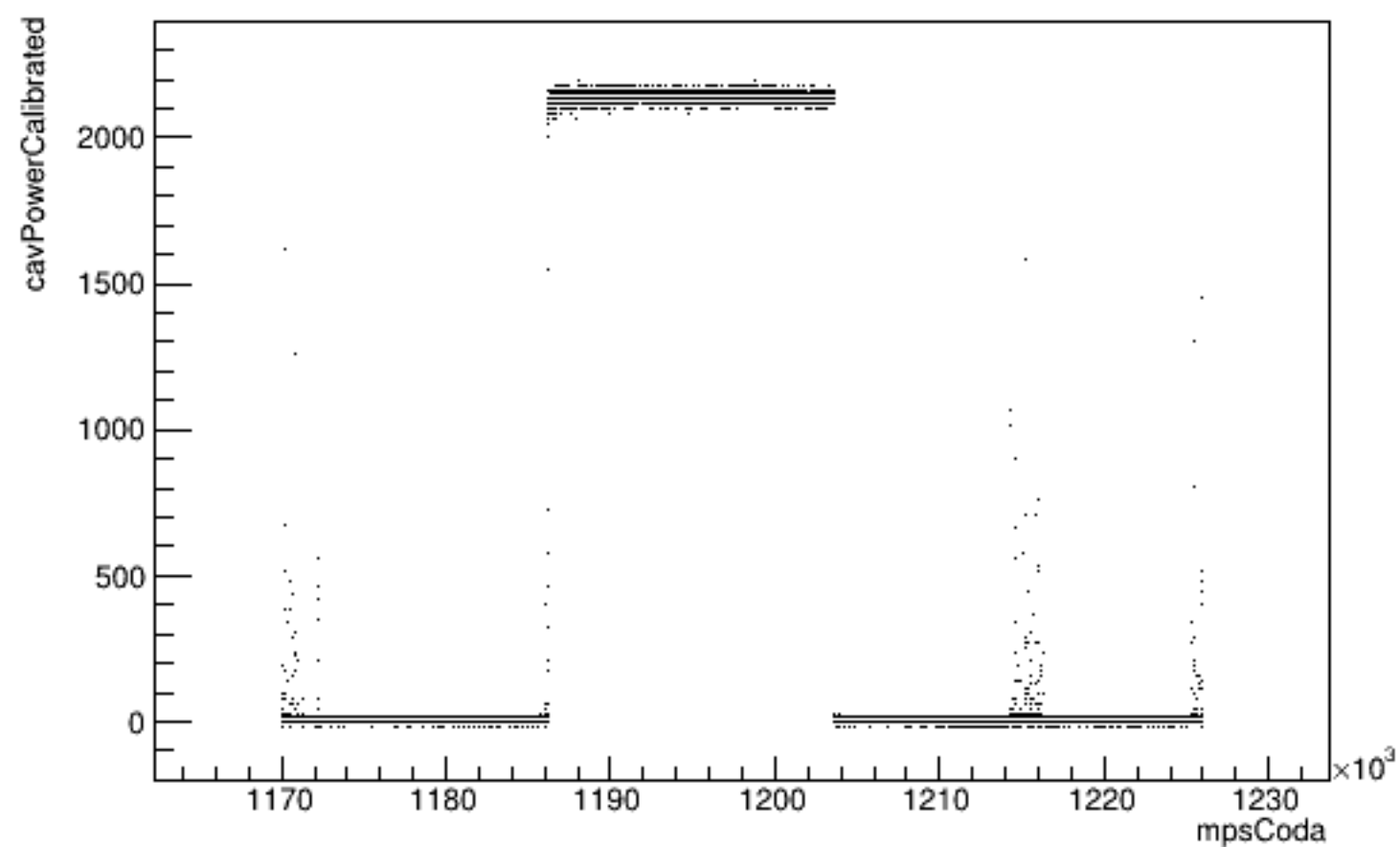
laserState:mpsCoda {mpsCoda>=1170031 && mpsCoda<=1225974}



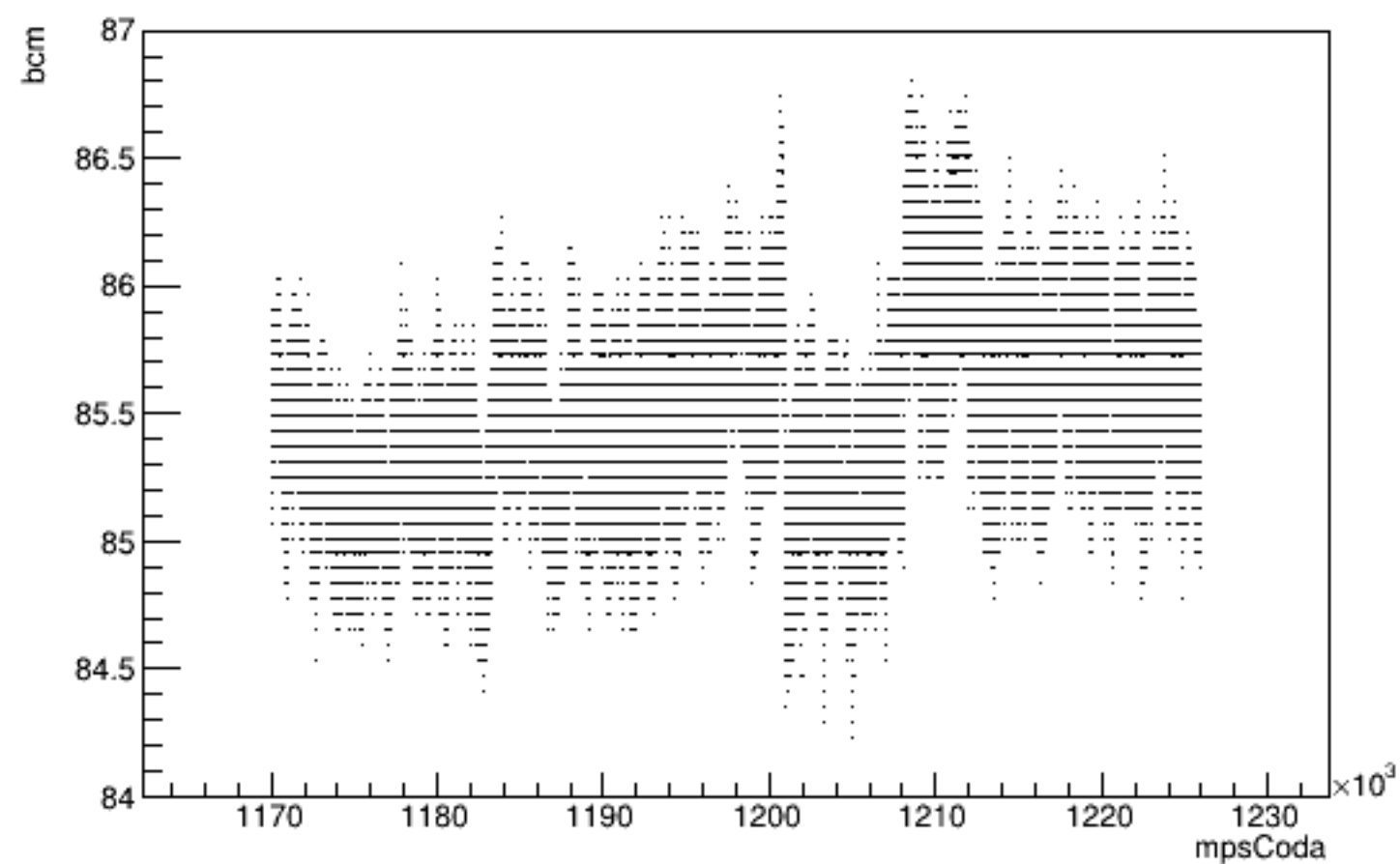
beamState + 1:mpsCoda {mpsCoda>=1170031 && mpsCoda<=1225974}



cavPowerCalibrated:mpsCoda {mpsCoda>=1170031 && mpsCoda<=1225974}



bcm:mpsCoda {mpsCoda>=1170031 && mpsCoda<=1225974}



Cycle 22, Diffs

Entries: 2712

Mean: 0.0047 +/- 0.0036

Std Dev: 0.1879 +/- 0.0026

Entries: 644

Mean: 0.1301 +/- 0.0106

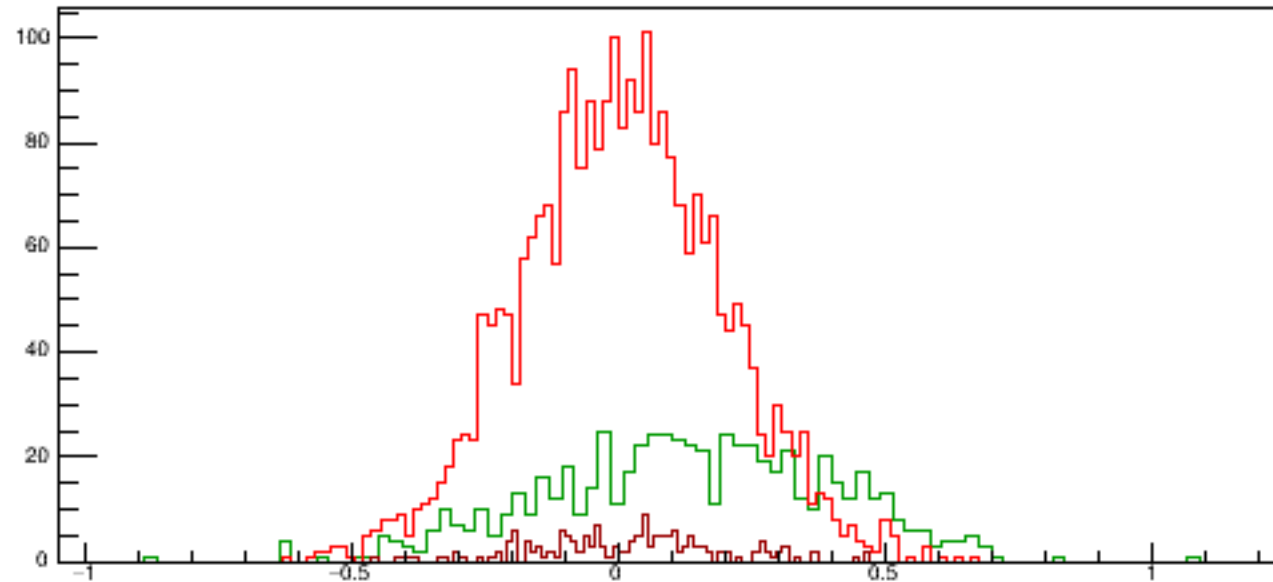
Std Dev: 0.2692 +/- 0.0075

Entries: 165

Mean: 0.0110 +/- 0.0140

Std Dev: 0.1804 +/- 0.0099

Run 4608 quartetwise, Diffs



Cycle 22, Sums

Entries: 2712

Mean: 14.5380 +/- 0.0047

Std Dev: 0.2466 +/- 0.0033

Entries: 644

Mean: 22.9489 +/- 0.0178

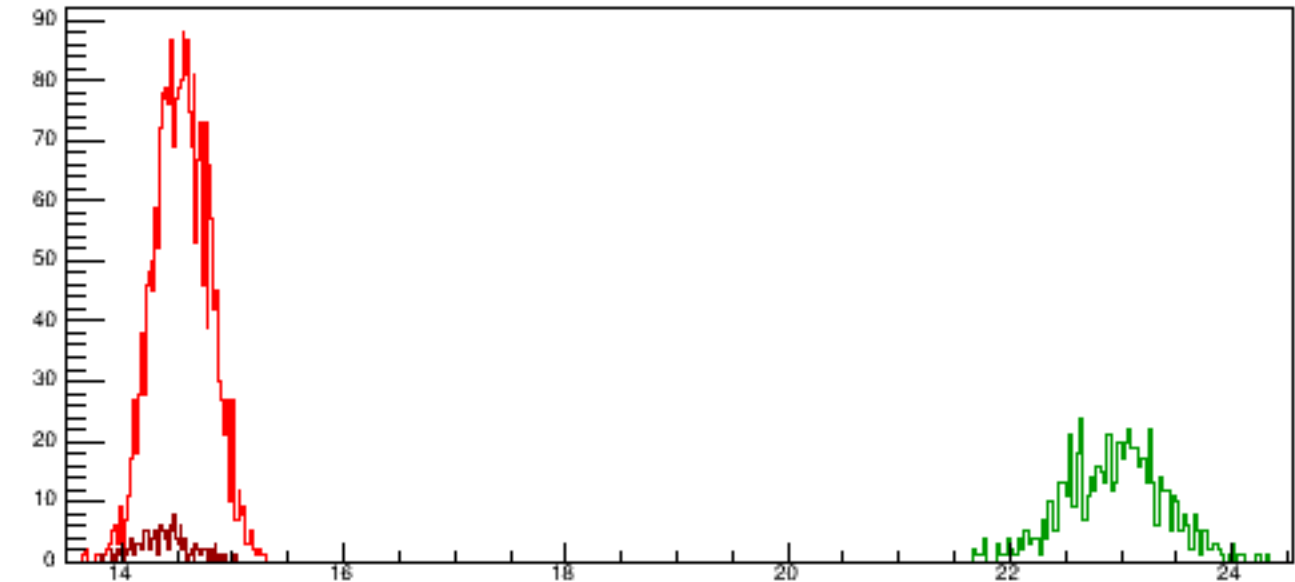
Std Dev: 0.4512 +/- 0.0126

Entries: 165

Mean: 14.3870 +/- 0.0181

Std Dev: 0.2327 +/- 0.0128

Run 4608 quartetwise, Sums



Cycle 22, Asyms

Entries: 2712

Mean: 0.0006 +/- 0.0004

Std Dev: 0.0221 +/- 0.0003

Entries: 644

Mean: 0.0154 +/- 0.0013

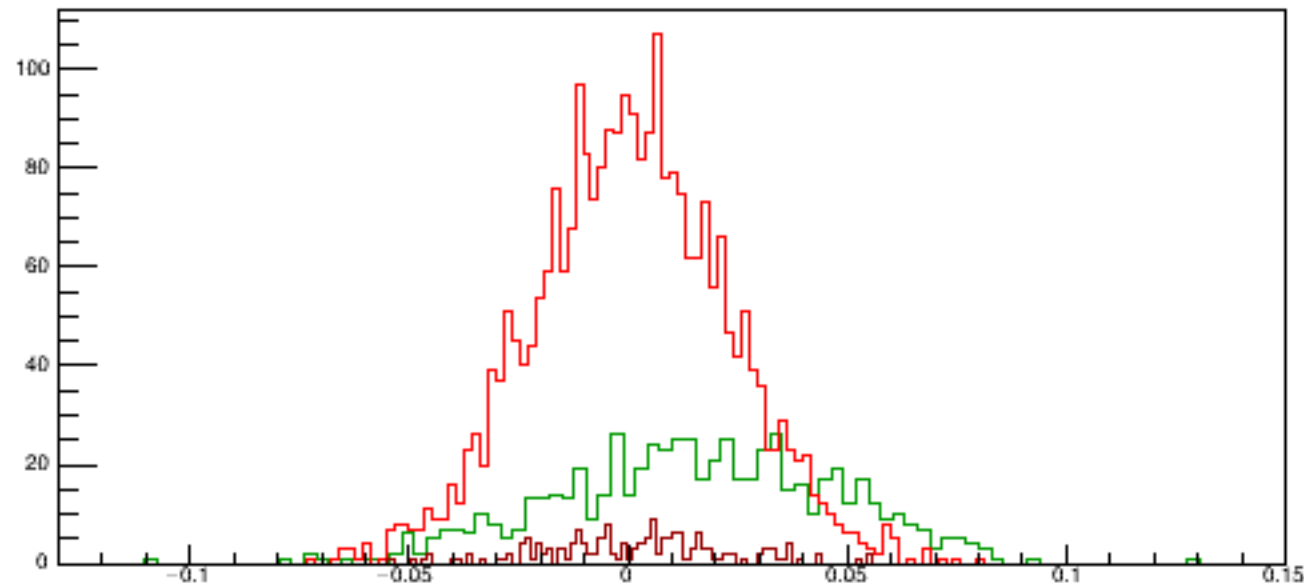
Std Dev: 0.0319 +/- 0.0009

Entries: 165

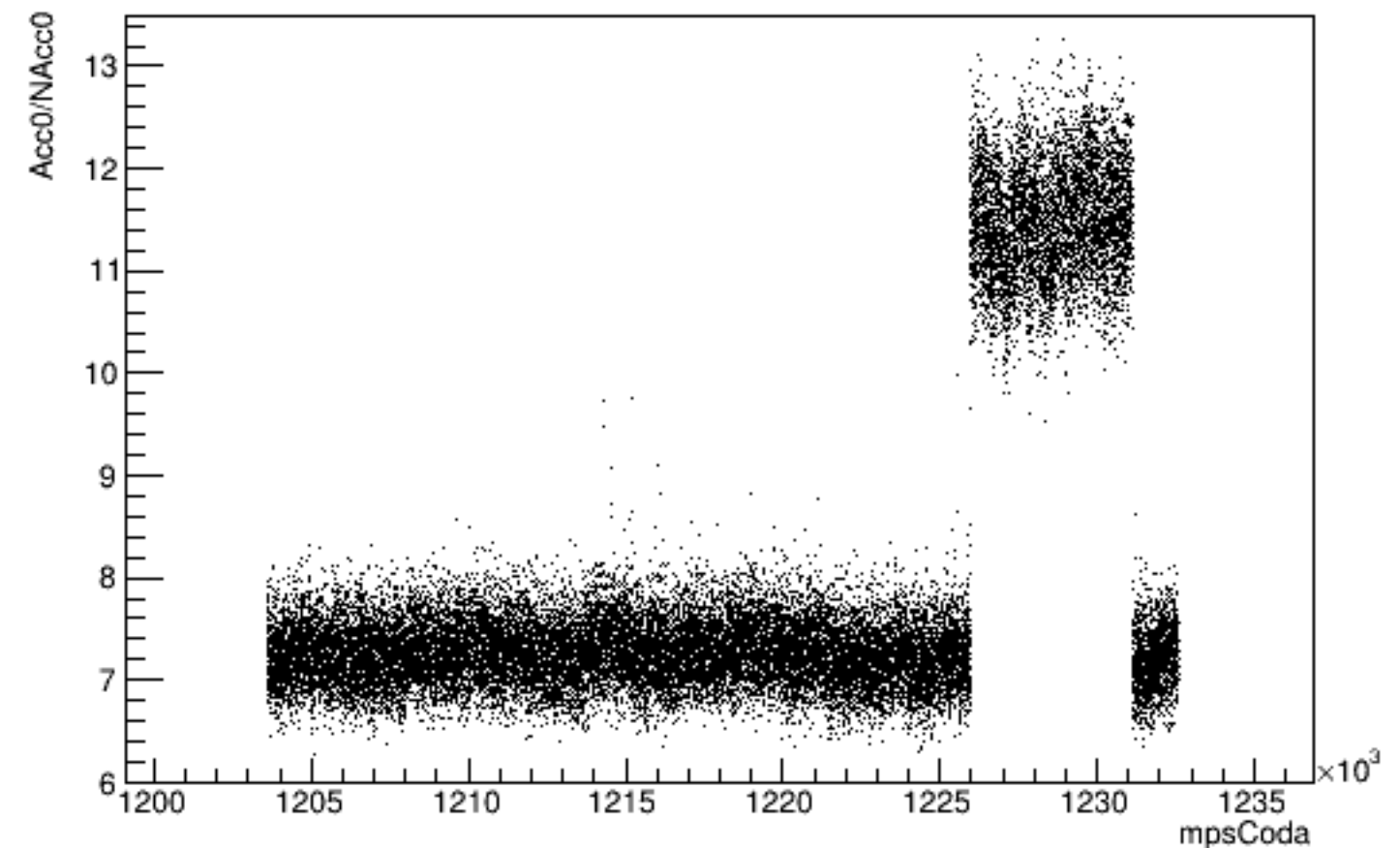
Mean: 0.0013 +/- 0.0017

Std Dev: 0.0213 +/- 0.0012

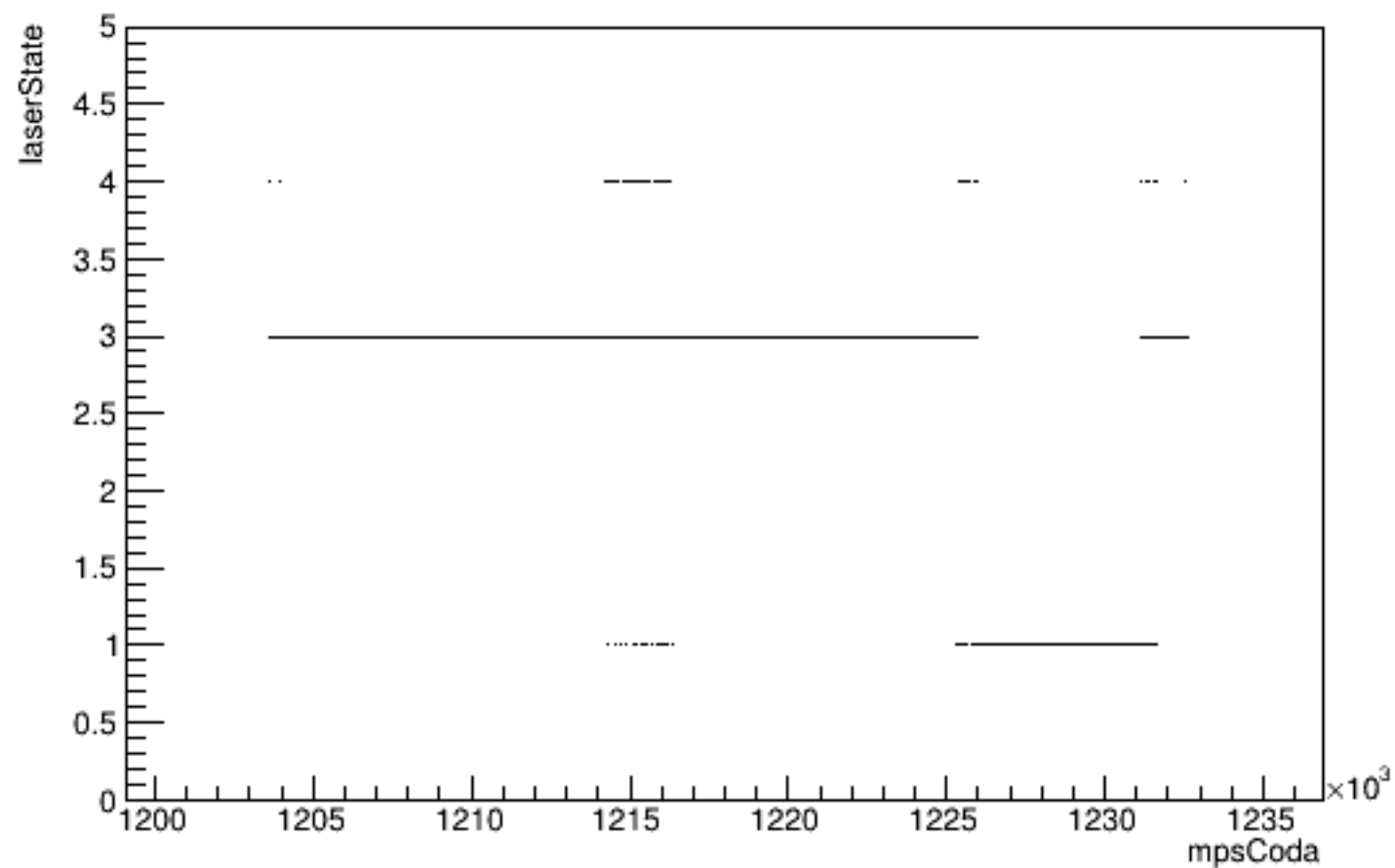
Run 4608 quartetwise, Asyms



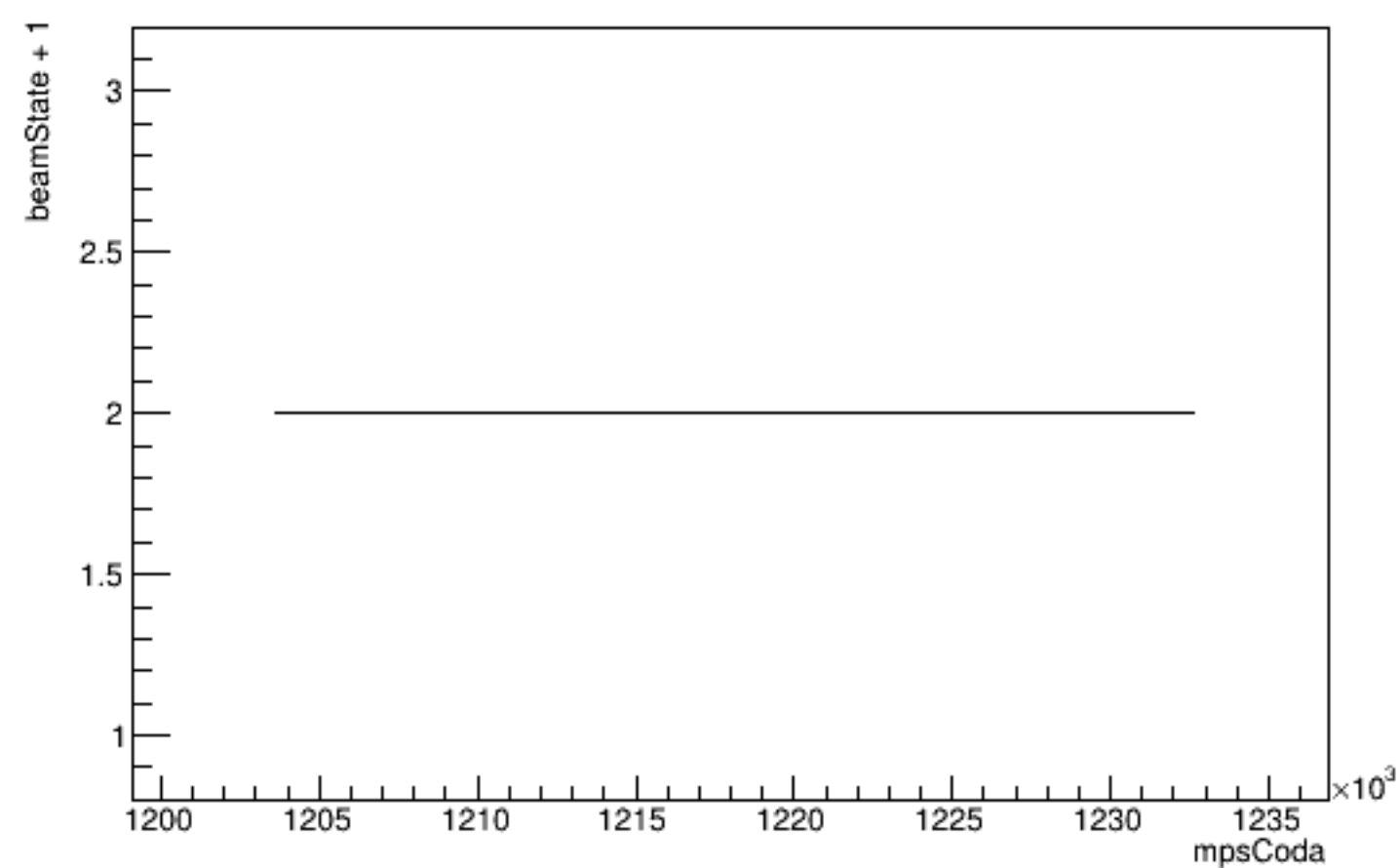
Acc0/NAcc0:mpsCoda (mpsCoda>=1203599 && mpsCoda<=1232590 && beamState==1)



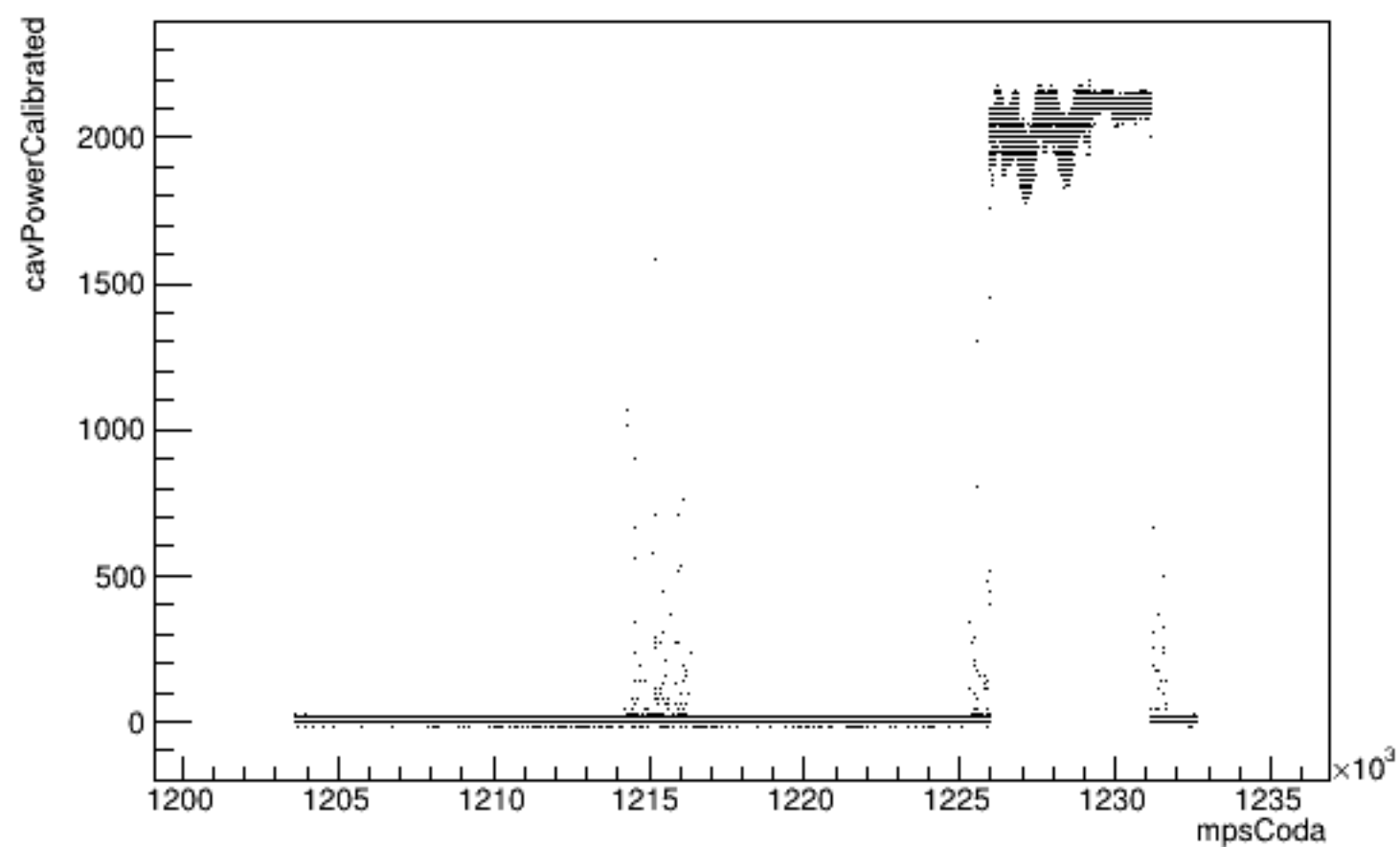
laserState:mpsCoda {mpsCoda>=1203599 && mpsCoda<=1232590}



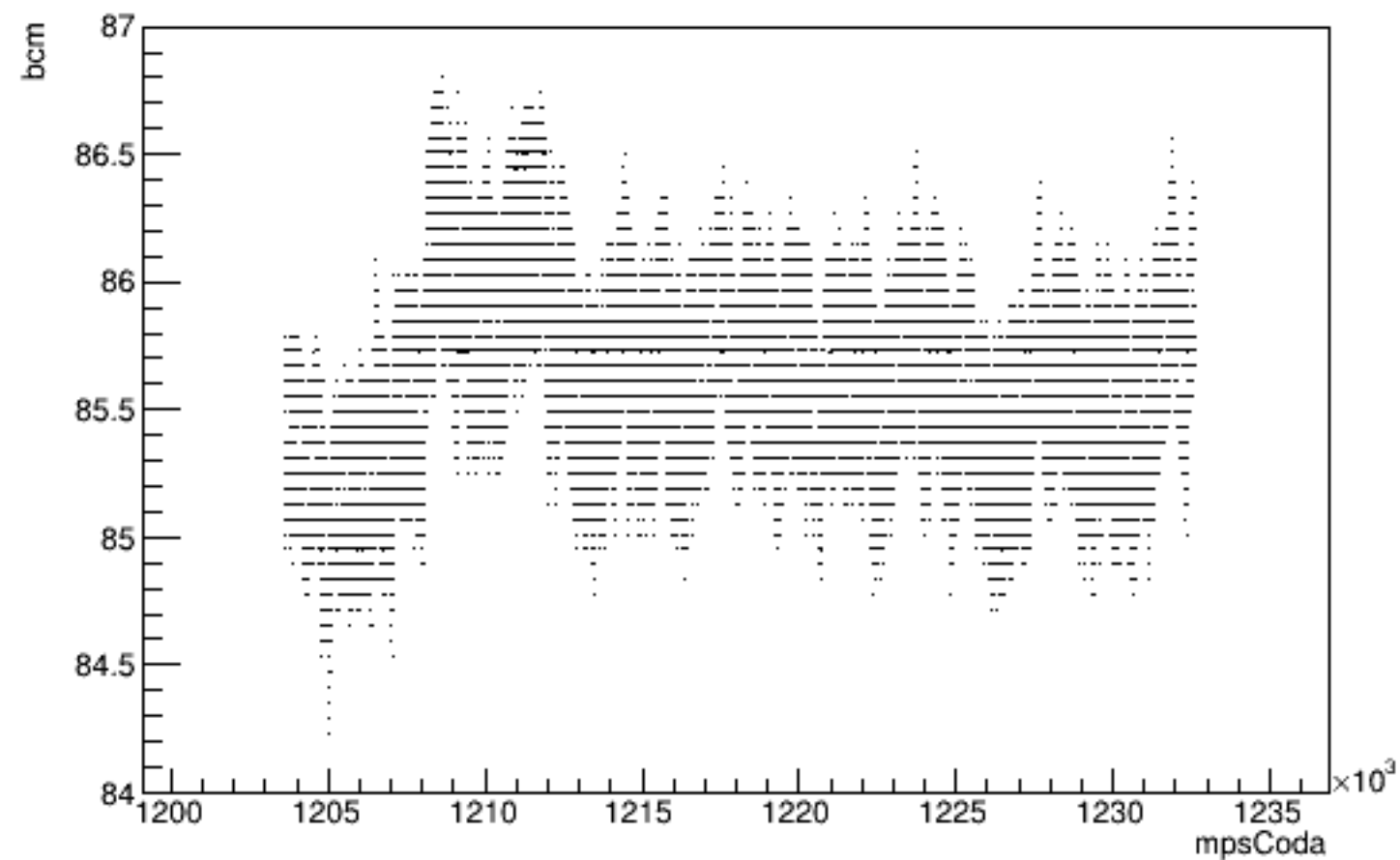
beamState + 1:mpsCoda {mpsCoda>=1203599 && mpsCoda<=1232590}



cavPowerCalibrated:mpsCoda {mpsCoda>=1203599 && mpsCoda<=1232590}

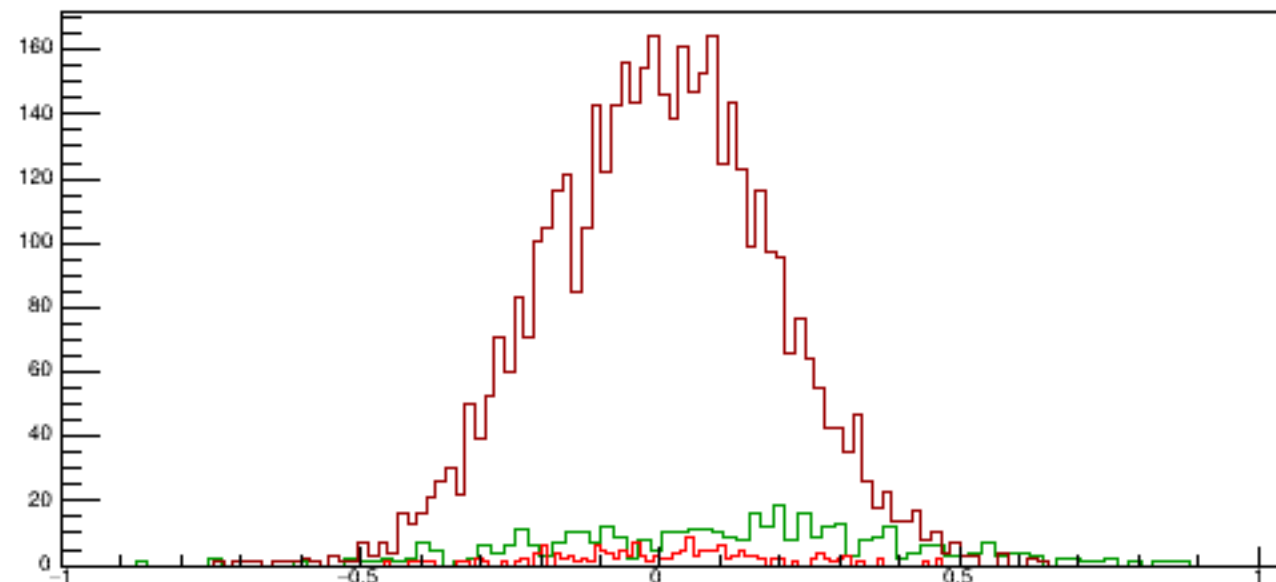


bcm:mpsCoda {mpsCoda>=1203599 && mpsCoda<=1232590}



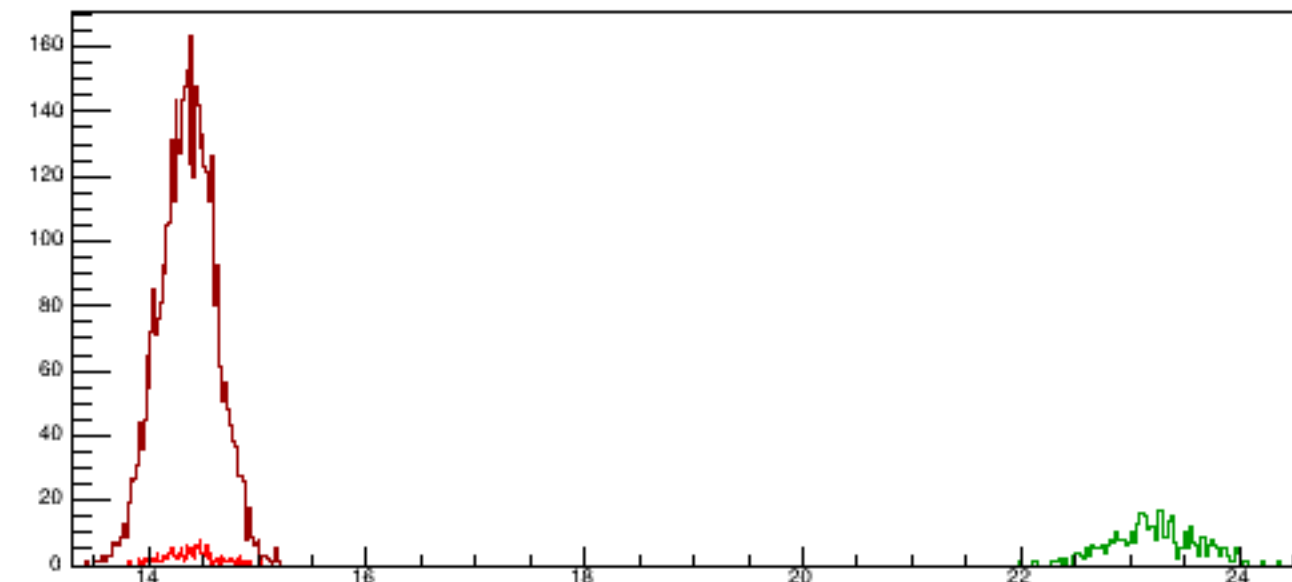
Cycle 23, Diffs

Entries: 165	Entries: 401	Entries: 4560
Mean: 0.0110 +/- 0.0140	Mean: 0.1161 +/- 0.0146	Mean: -0.0013 +/- 0.0028
Std Dev: 0.1804 +/- 0.0099	Std Dev: 0.2923 +/- 0.0103	Std Dev: 0.1882 +/- 0.0020
Run 4608 quartetwise, Diffs		



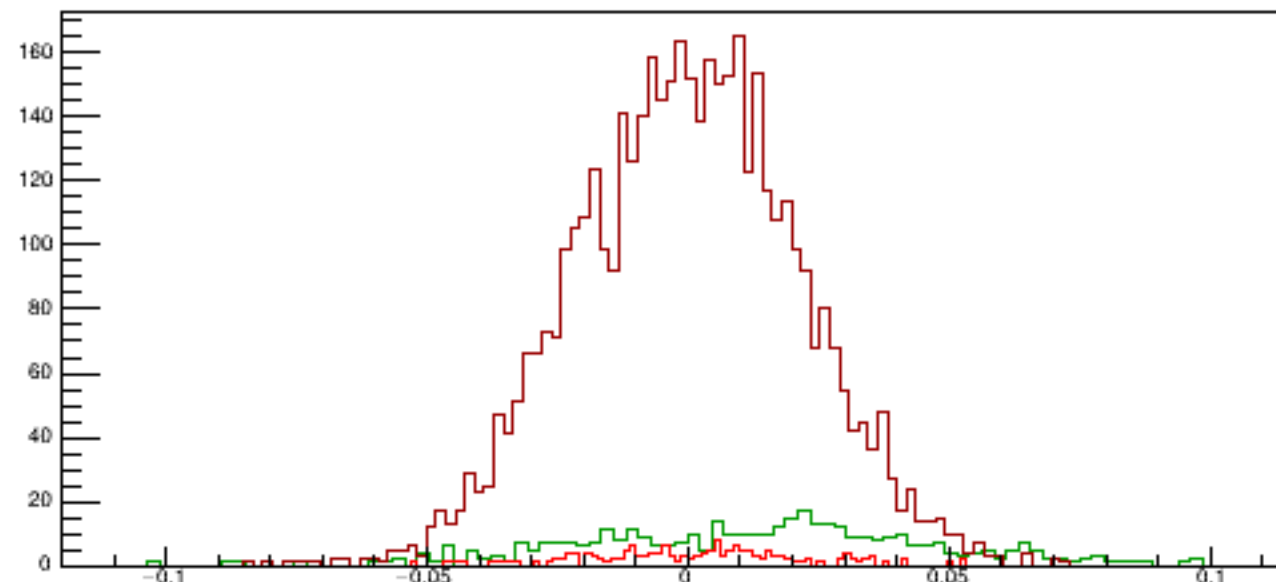
Cycle 23, Sums

Entries: 165	Entries: 401	Entries: 4560
Mean: 14.3870 +/- 0.0181	Mean: 23.2206 +/- 0.0194	Mean: 14.3577 +/- 0.0038
Std Dev: 0.2327 +/- 0.0128	Std Dev: 0.3892 +/- 0.0137	Std Dev: 0.2584 +/- 0.0027
Run 4608 quartetwise, Sums		

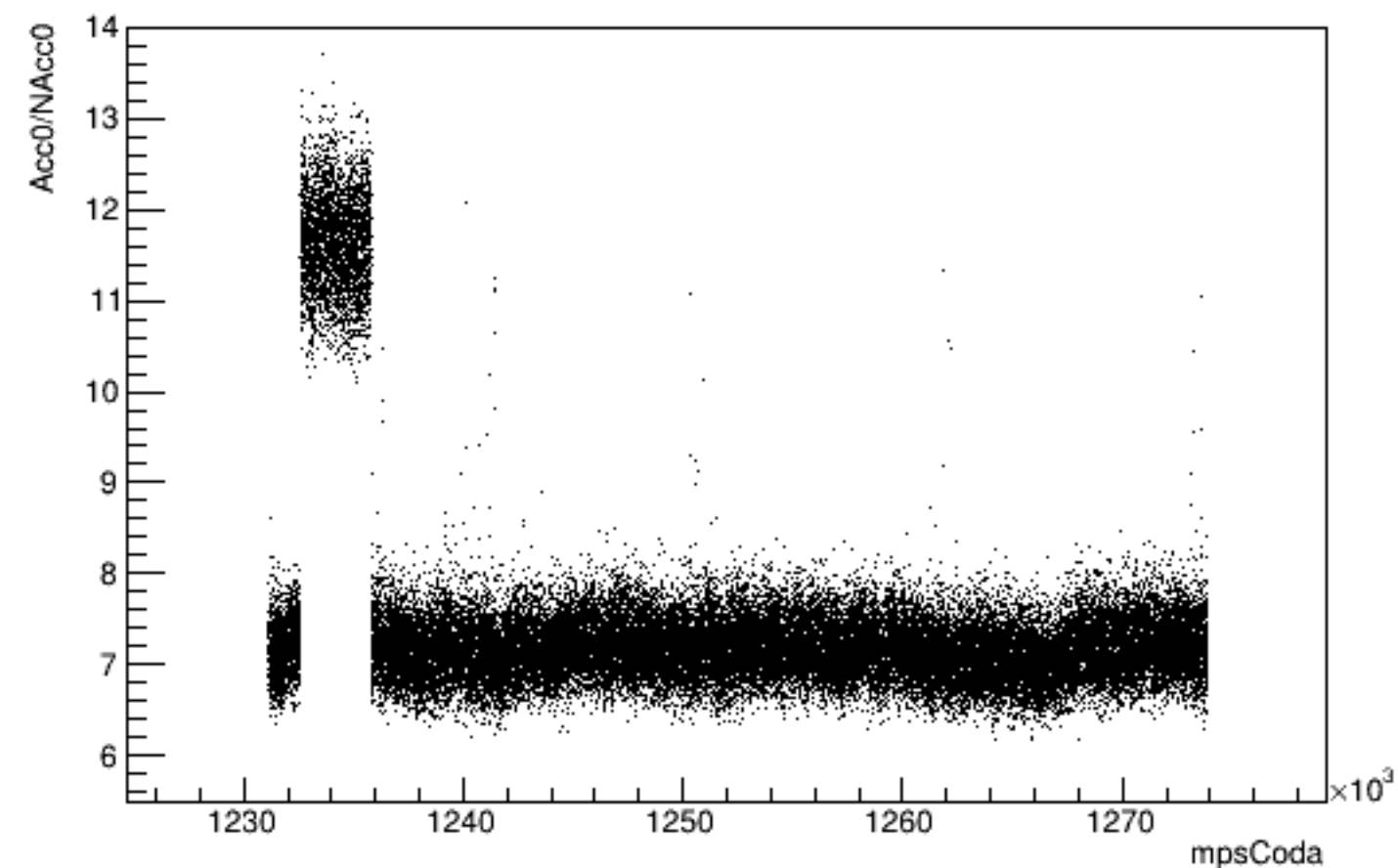


Cycle 23, Asyms

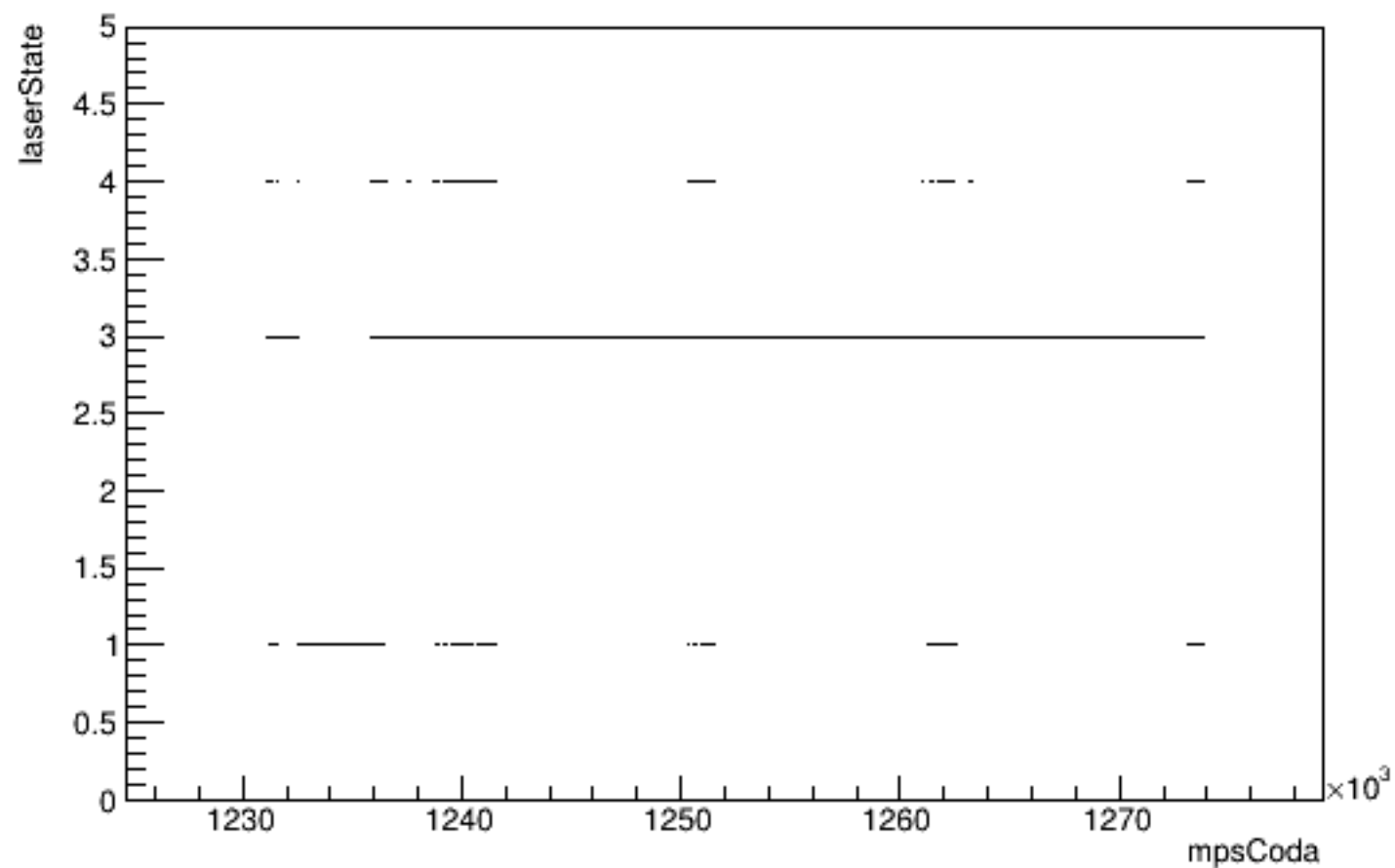
Entries: 165	Entries: 401	Entries: 4560
Mean: 0.0012 +/- 0.0016	Mean: 0.0130 +/- 0.0017	Mean: -0.0001 +/- 0.0003
Std Dev: 0.0204 +/- 0.0011	Std Dev: 0.0332 +/- 0.0012	Std Dev: 0.0213 +/- 0.0002
Run 4608 quartetwise, Asyms		



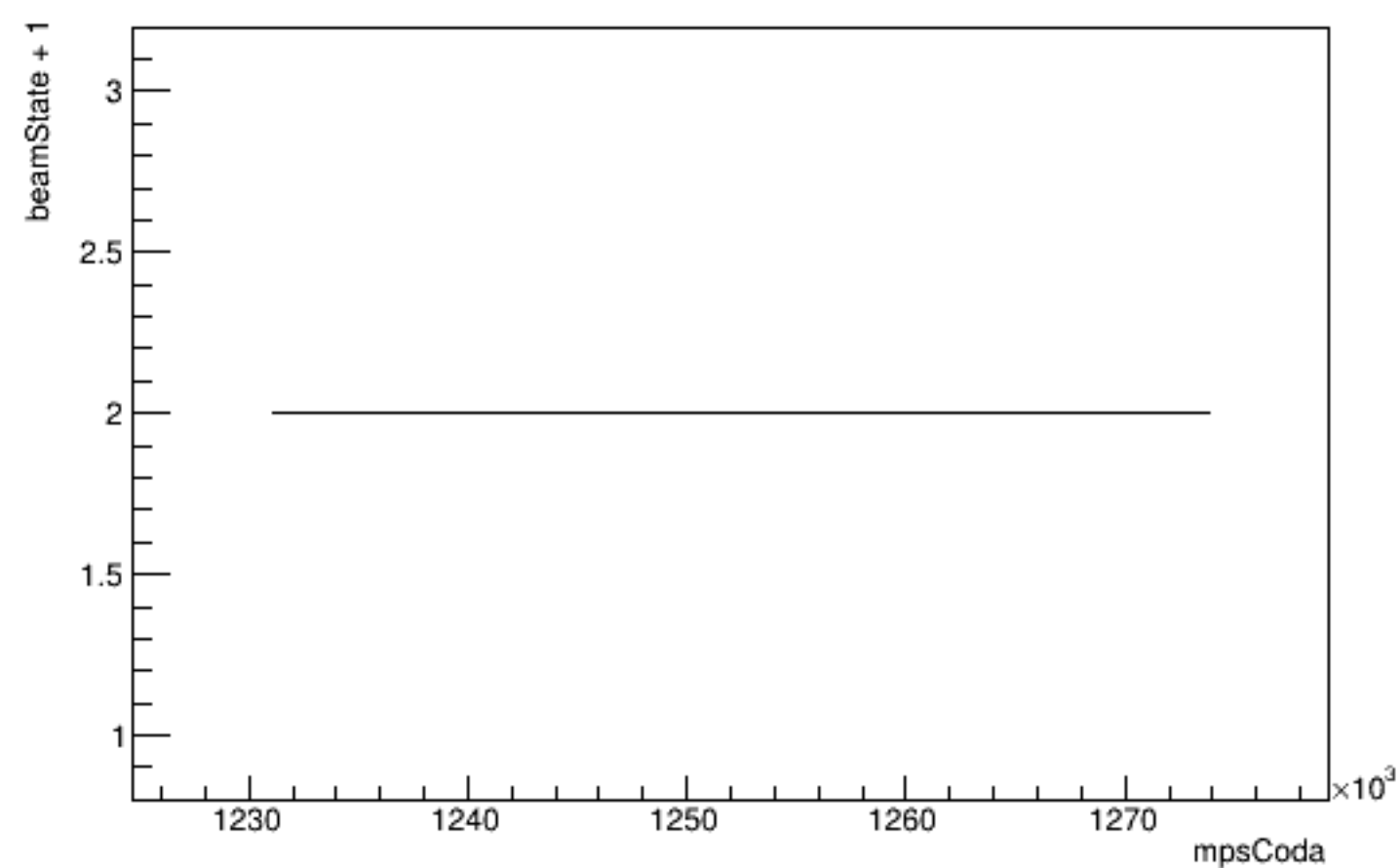
Acc0/NAcc0:mpsCoda (mpsCoda>=1231135 && mpsCoda<=1273886 && beamState==1)



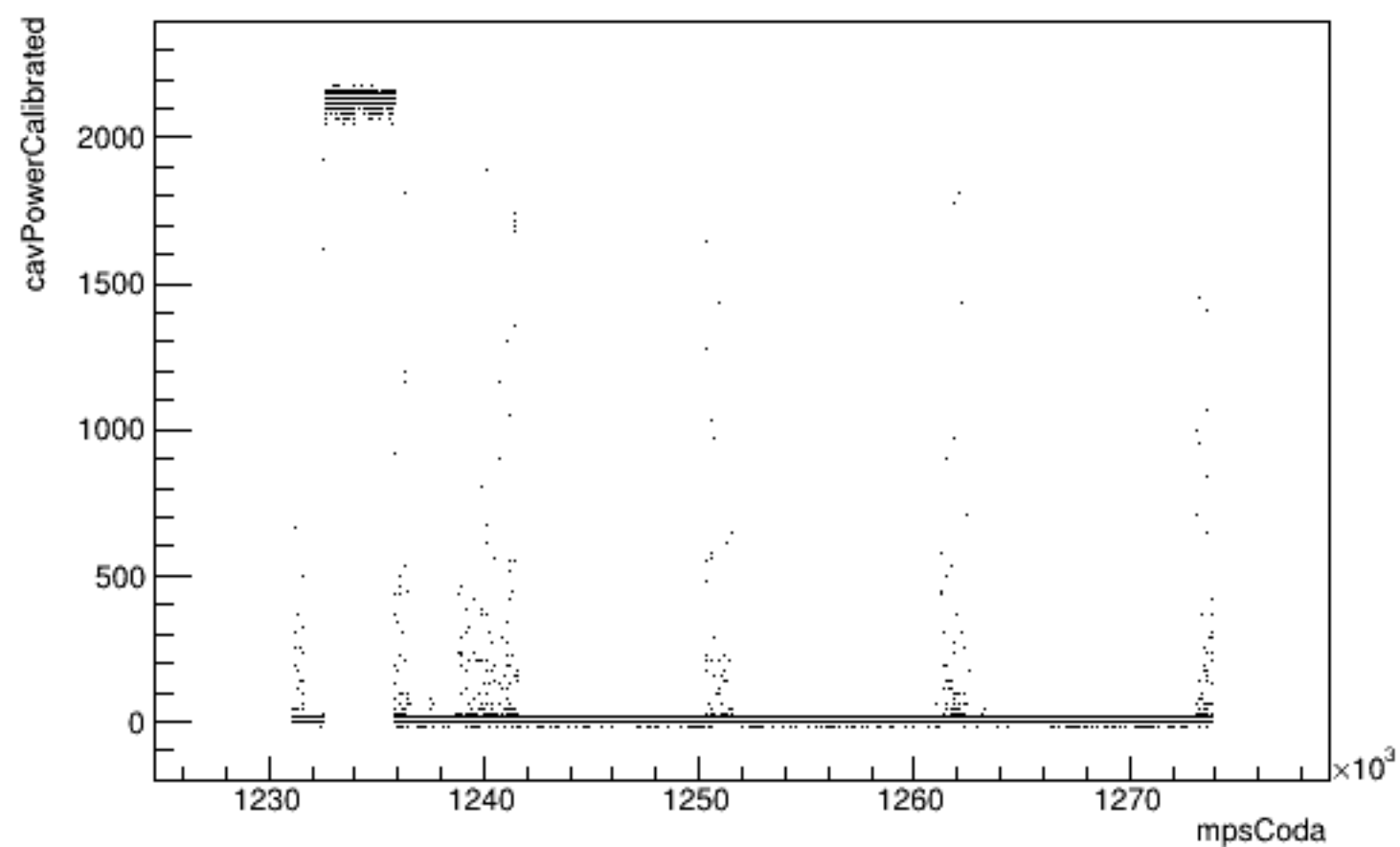
laserState:mpsCoda {mpsCoda>=1231135 && mpsCoda<=1273886}



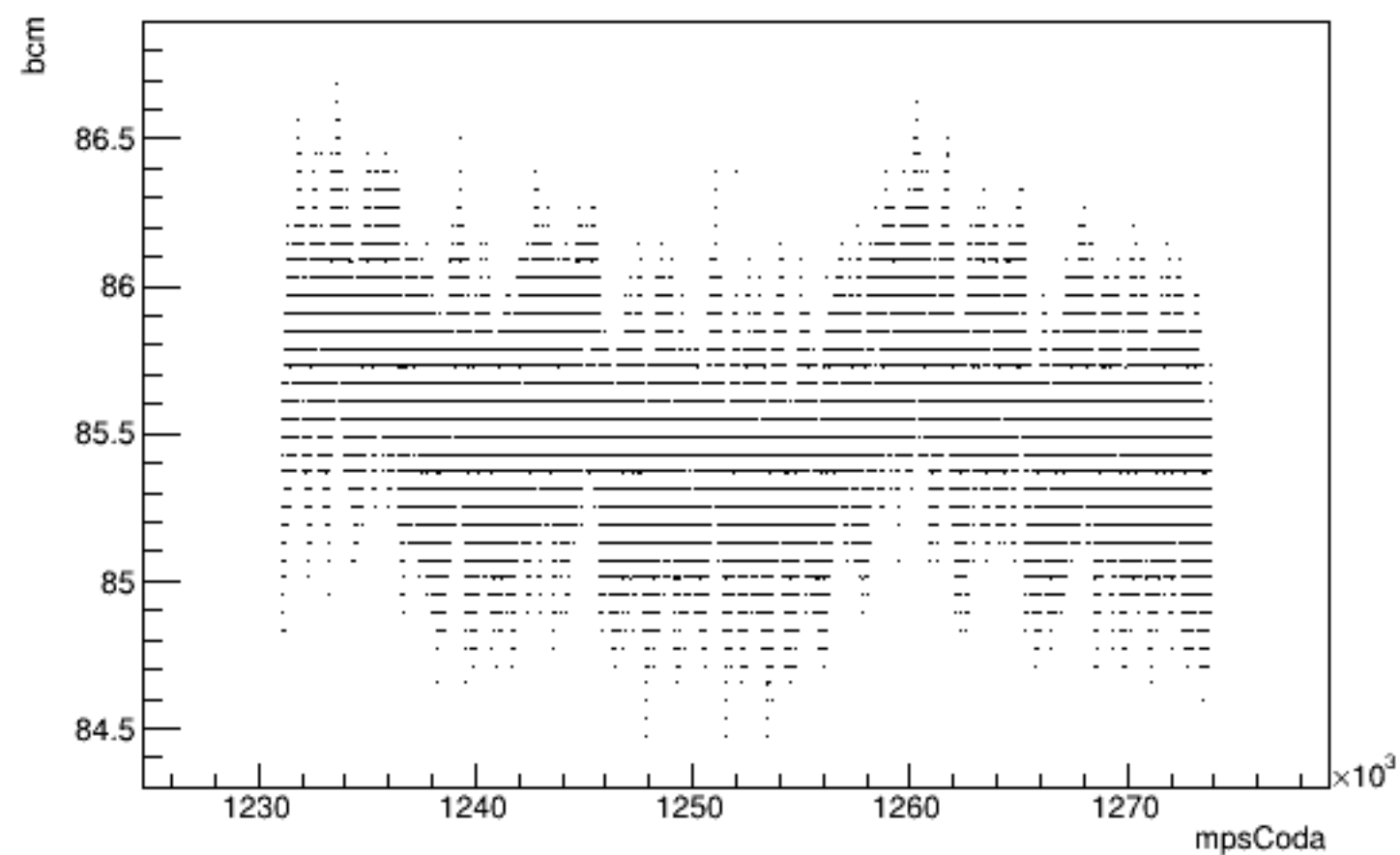
beamState + 1:mpsCoda {mpsCoda>=1231135 && mpsCoda<=1273886}



cavPowerCalibrated:mpsCoda {mpsCoda>=1231135 && mpsCoda<=1273886}



bcm:mpsCoda {mpsCoda>=1231135 && mpsCoda<=1273886}



Cycle 24, Diffs

Entries: 4560

Mean: -0.0013 +/- 0.0028

Std Dev: 0.1882 +/- 0.0020

Entries: 1539

Mean: 0.1346 +/- 0.0071

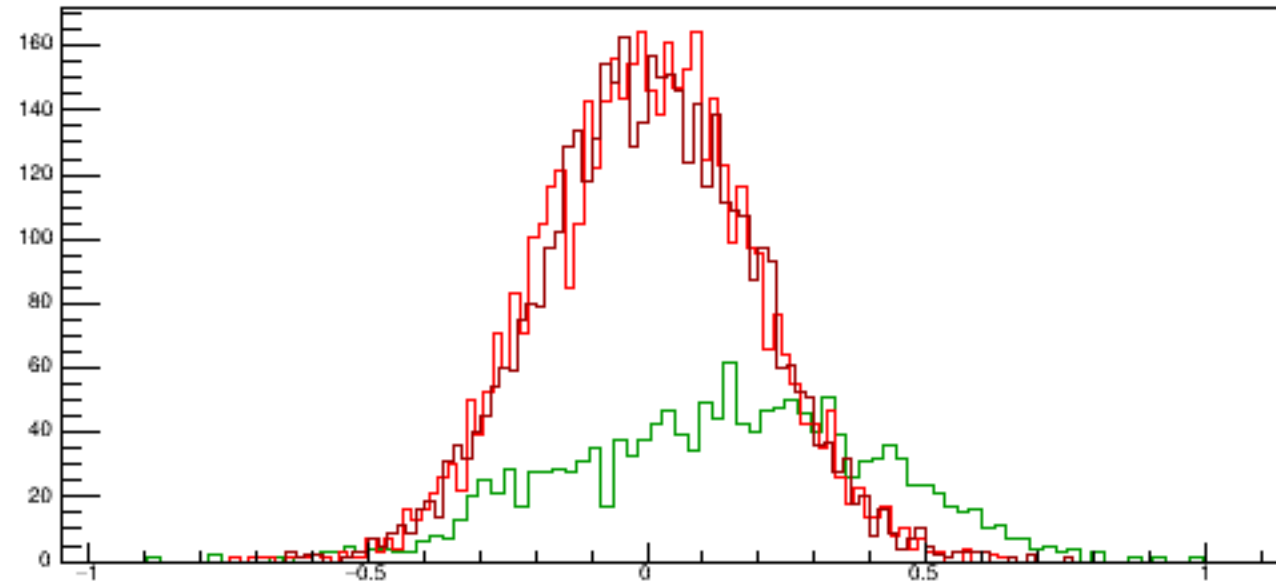
Std Dev: 0.2776 +/- 0.0050

Entries: 4341

Mean: 0.0036 +/- 0.0029

Std Dev: 0.1900 +/- 0.0020

Run 4608 quartetwise, Diffs



Cycle 24, Sums

Entries: 4560

Mean: 14.3577 +/- 0.0038

Std Dev: 0.2584 +/- 0.0027

Entries: 1539

Mean: 23.0108 +/- 0.0114

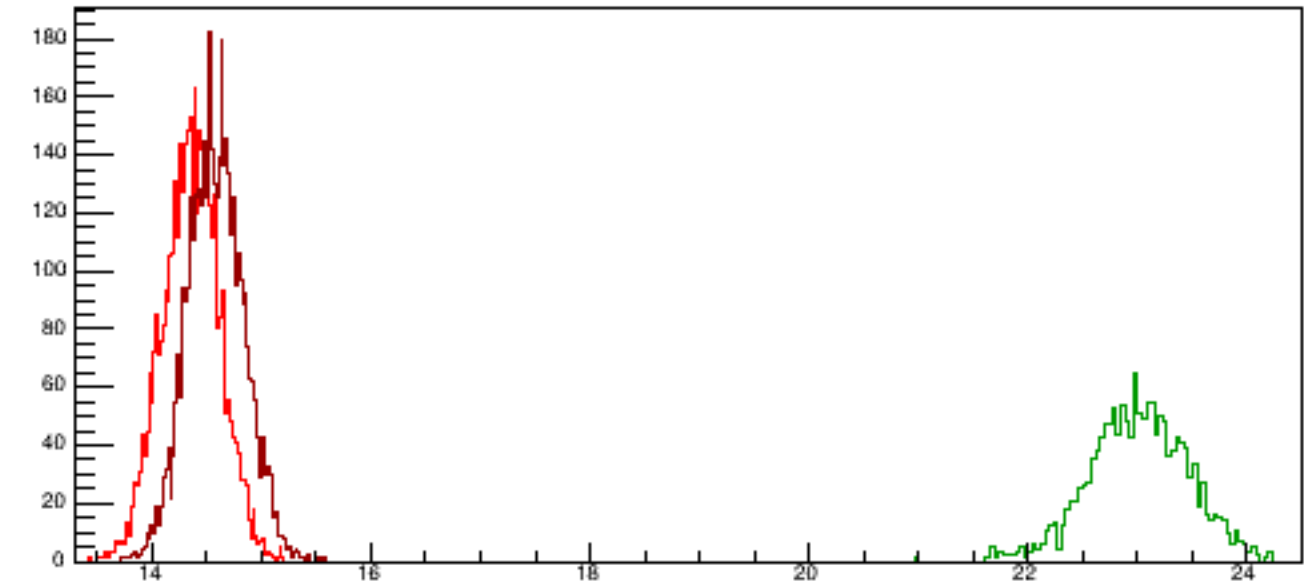
Std Dev: 0.4461 +/- 0.0080

Entries: 4341

Mean: 14.5845 +/- 0.0039

Std Dev: 0.2547 +/- 0.0027

Run 4608 quartetwise, Sums



Cycle 24, Asyms

Entries: 4560

Mean: -0.0002 +/- 0.0003

Std Dev: 0.0220 +/- 0.0002

Entries: 1539

Mean: 0.0158 +/- 0.0008

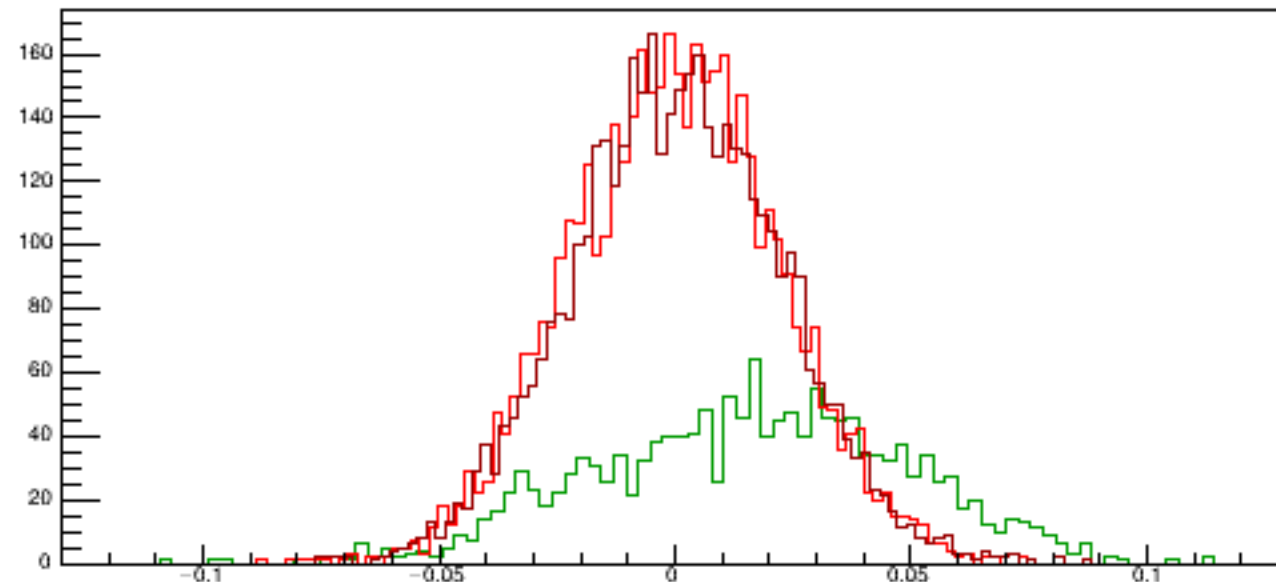
Std Dev: 0.0327 +/- 0.0006

Entries: 4341

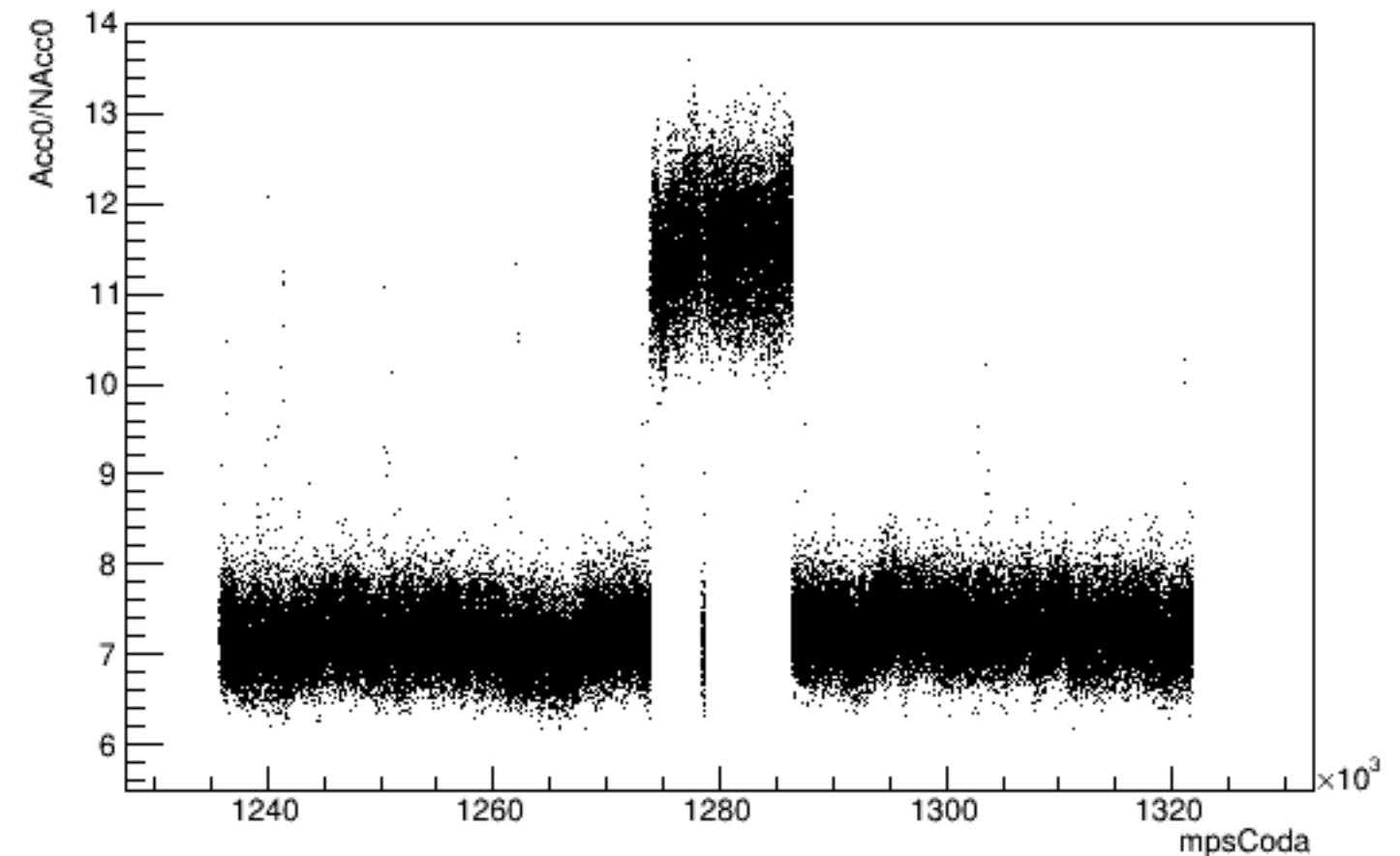
Mean: 0.0004 +/- 0.0003

Std Dev: 0.0223 +/- 0.0002

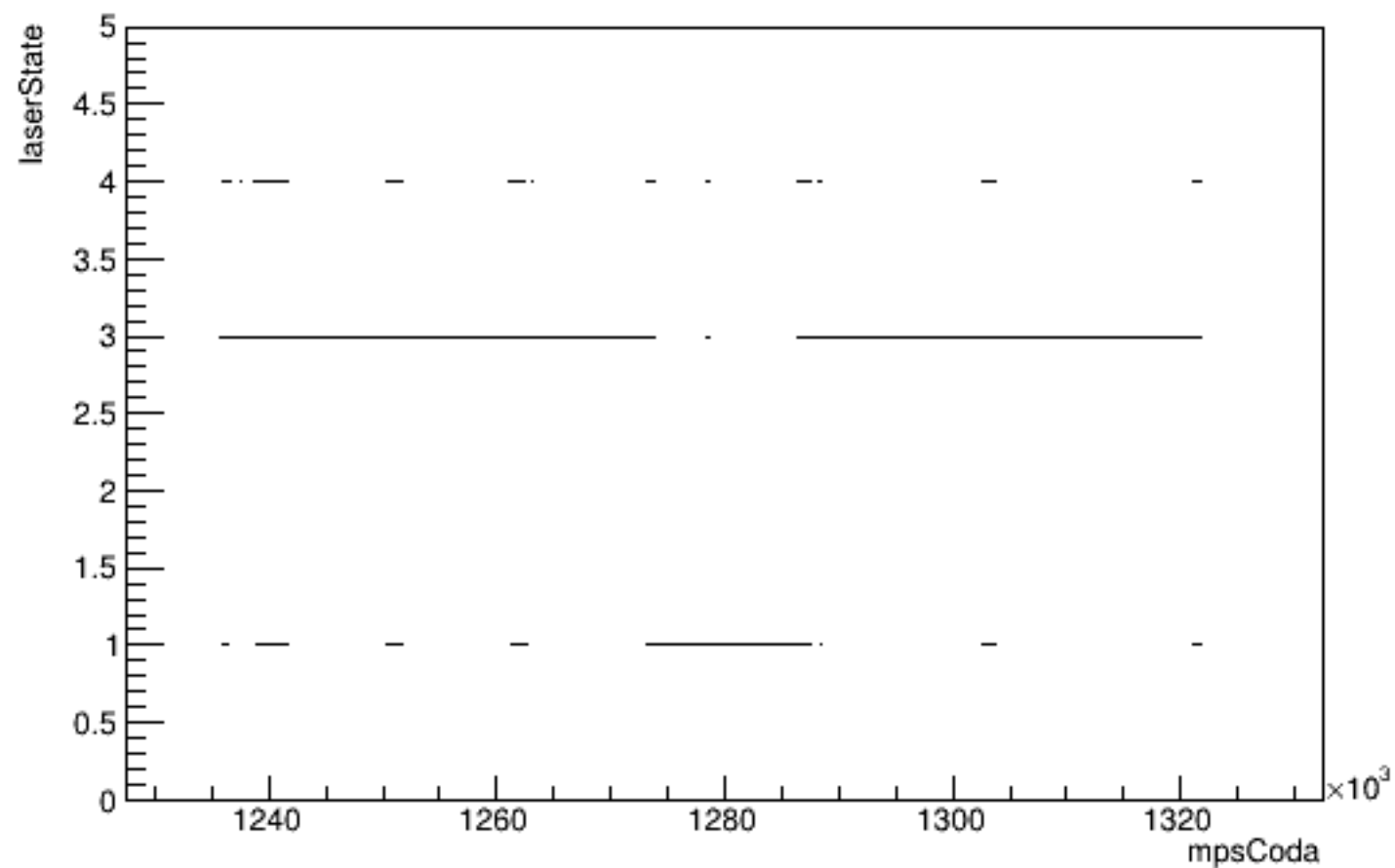
Run 4608 quartetwise, Asyms



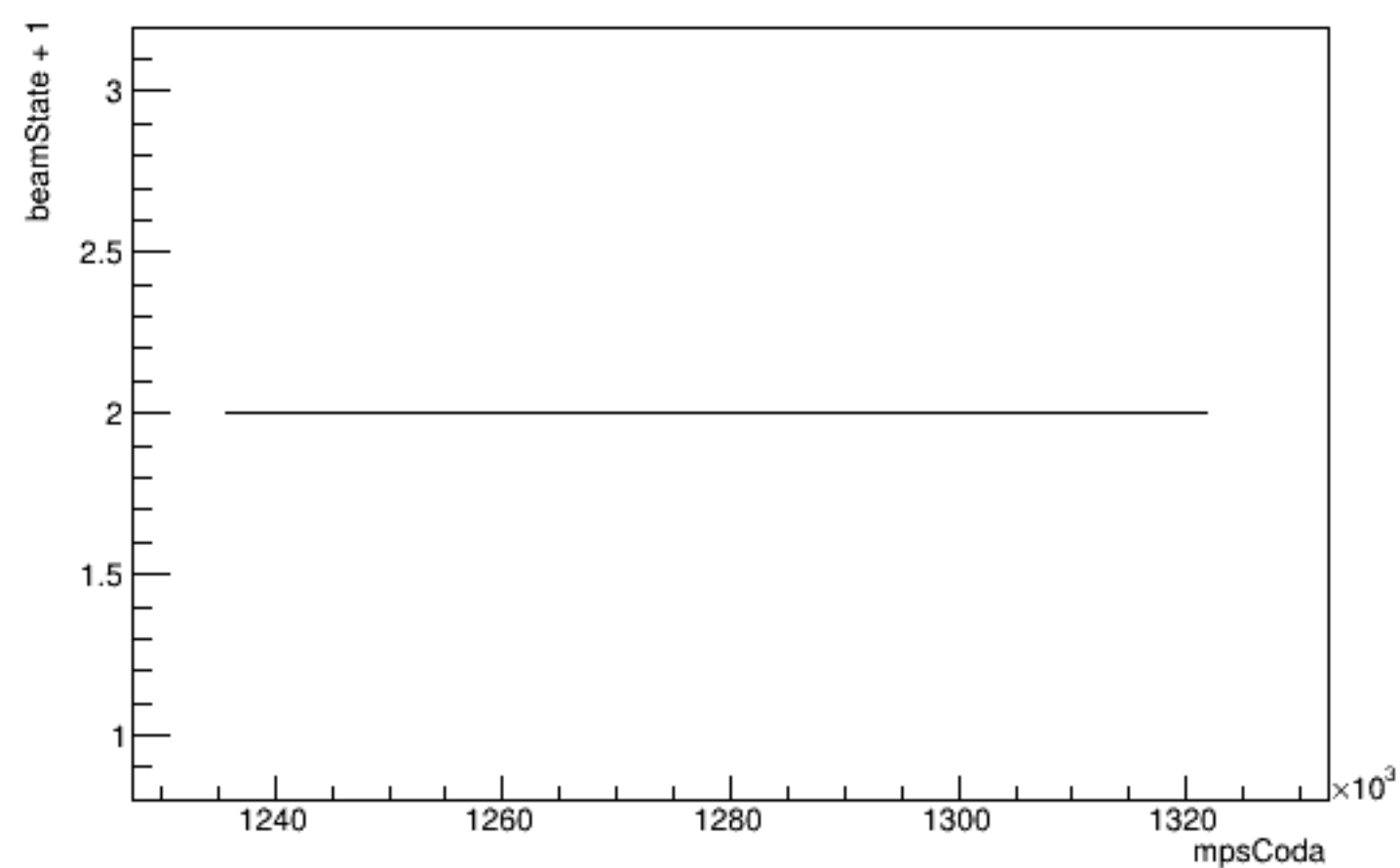
Acc0/NAcc0:mpsCoda (mpsCoda>=1235807 && mpsCoda<=1321814 && beamState==1)



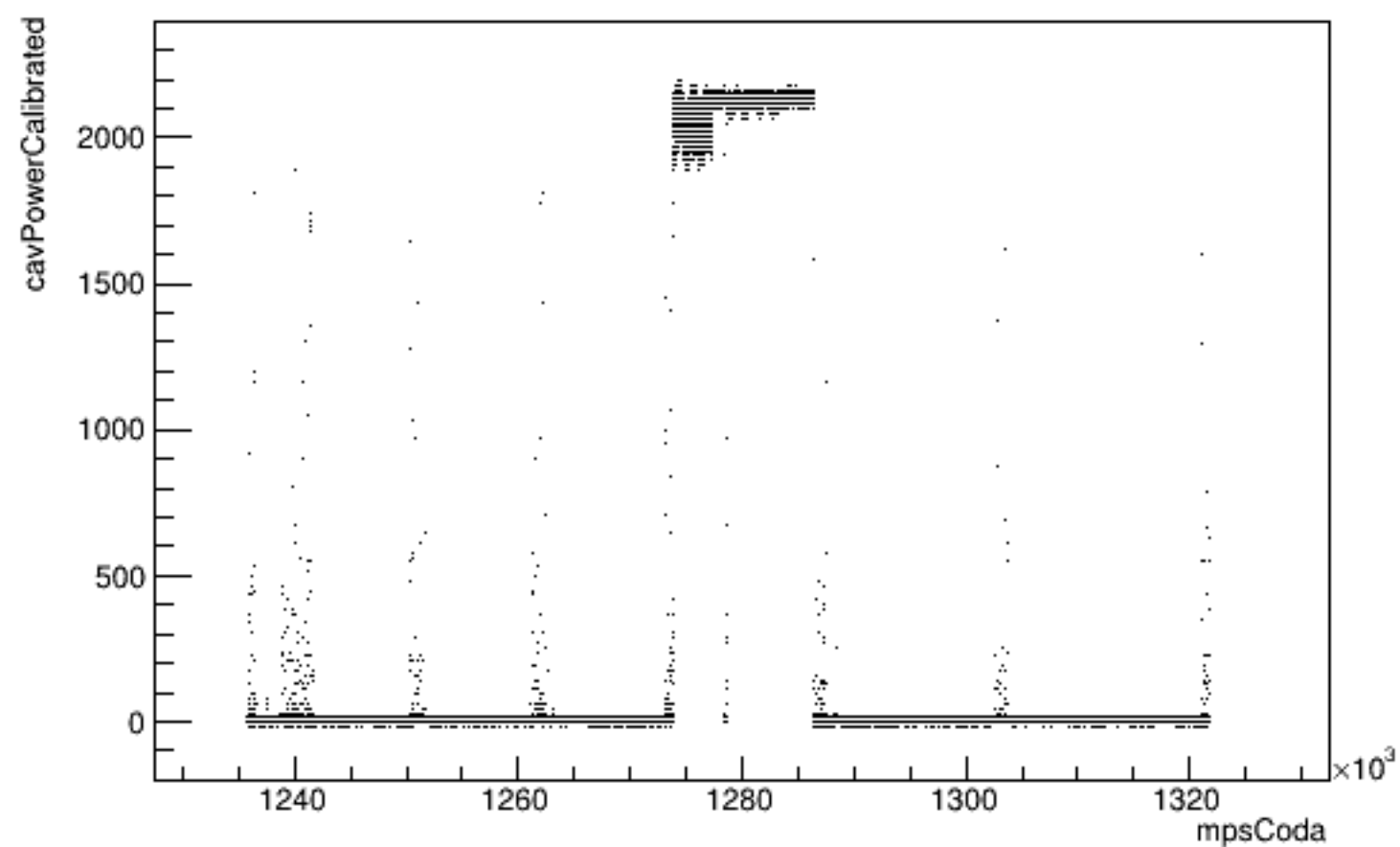
laserState:mpsCoda {mpsCoda>=1235807 && mpsCoda<=1321814}



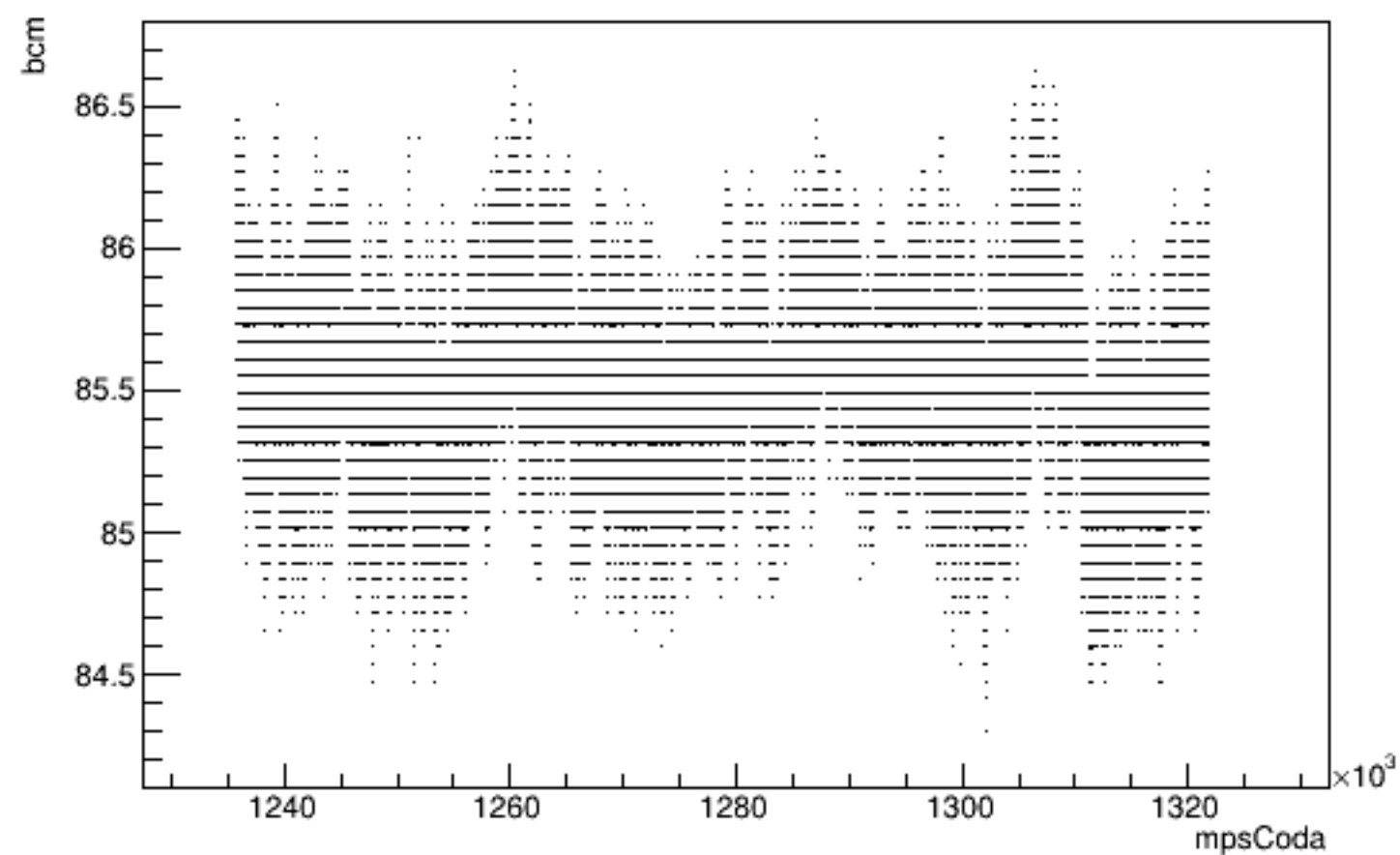
beamState + 1:mpsCoda {mpsCoda>=1235807 && mpsCoda<=1321814}



cavPowerCalibrated:mpsCoda {mpsCoda>=1235807 && mpsCoda<=1321814}



bcm:mpsCoda {mpsCoda>=1235807 && mpsCoda<=1321814}



Cycle 25, Diffs

Entries: 4341

Mean: 0.0036 +/- 0.0029

Std Dev: 0.1900 +/- 0.0020

Entries: 1573

Mean: 0.1199 +/- 0.0069

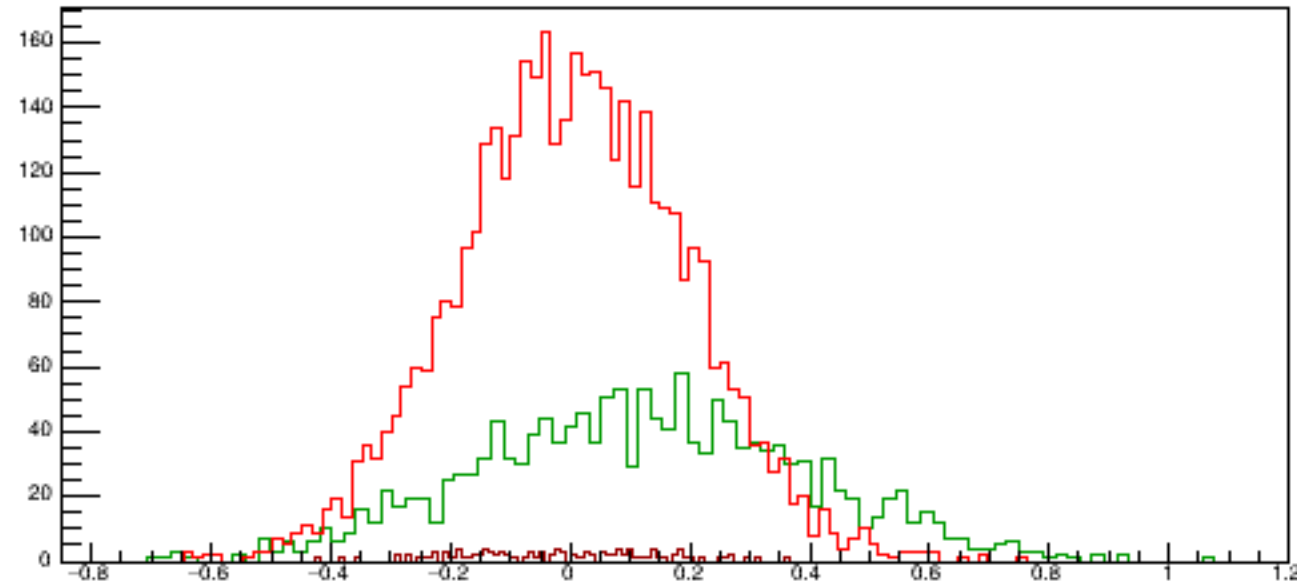
Std Dev: 0.2748 +/- 0.0049

Entries: 109

Mean: -0.0205 +/- 0.0158

Std Dev: 0.1649 +/- 0.0112

Run 4608 quartetwise, Diffs



Cycle 25, Sums

Entries: 4341

Mean: 14.5845 +/- 0.0039

Std Dev: 0.2547 +/- 0.0027

Entries: 1573

Mean: 23.2985 +/- 0.0101

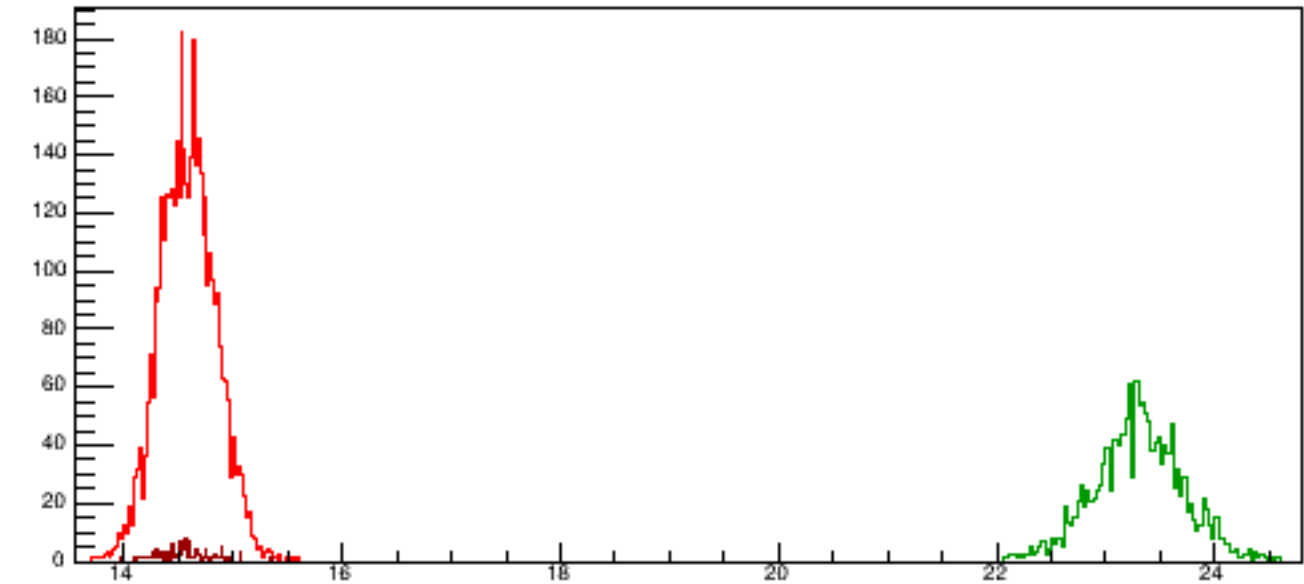
Std Dev: 0.4002 +/- 0.0071

Entries: 109

Mean: 14.5598 +/- 0.0233

Std Dev: 0.2429 +/- 0.0165

Run 4608 quartetwise, Sums



Cycle 25, Asyms

Entries: 4341

Mean: 0.0004 +/- 0.0003

Std Dev: 0.0218 +/- 0.0002

Entries: 1573

Mean: 0.0137 +/- 0.0008

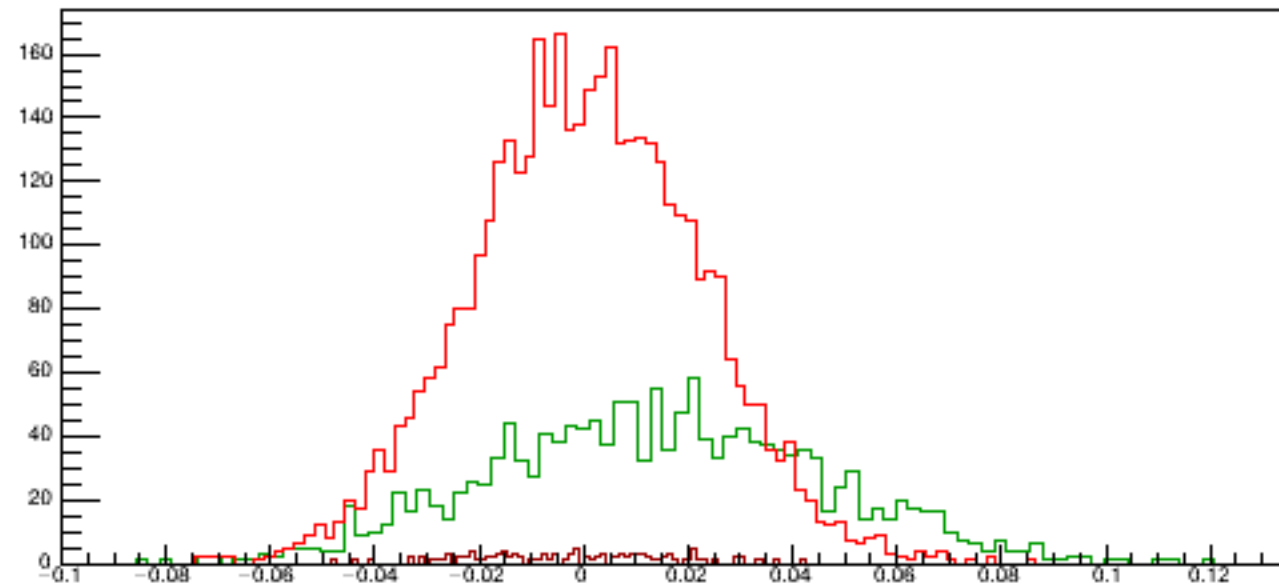
Std Dev: 0.0316 +/- 0.0006

Entries: 109

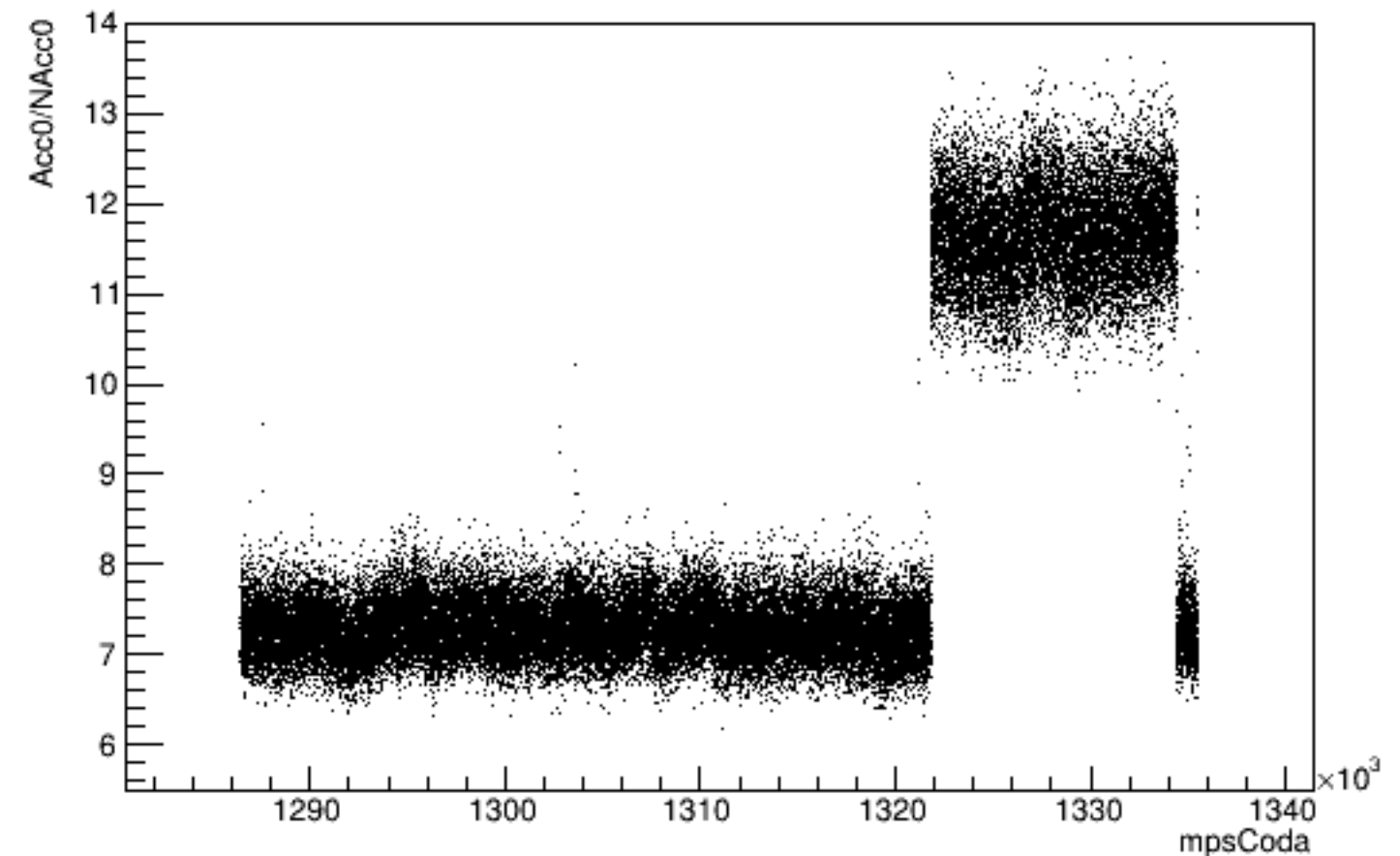
Mean: -0.0023 +/- 0.0018

Std Dev: 0.0189 +/- 0.0013

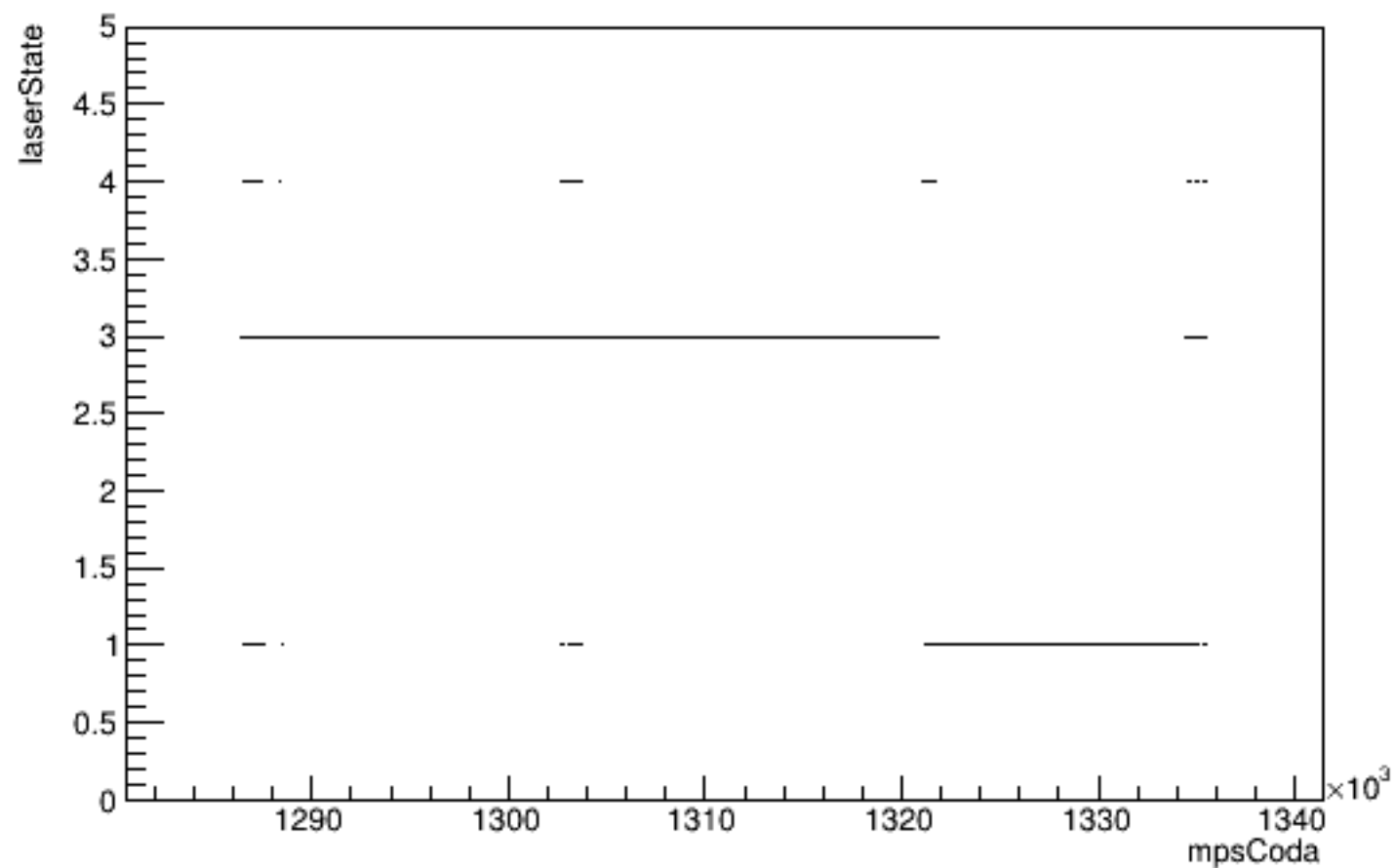
Run 4608 quartetwise, Asyms



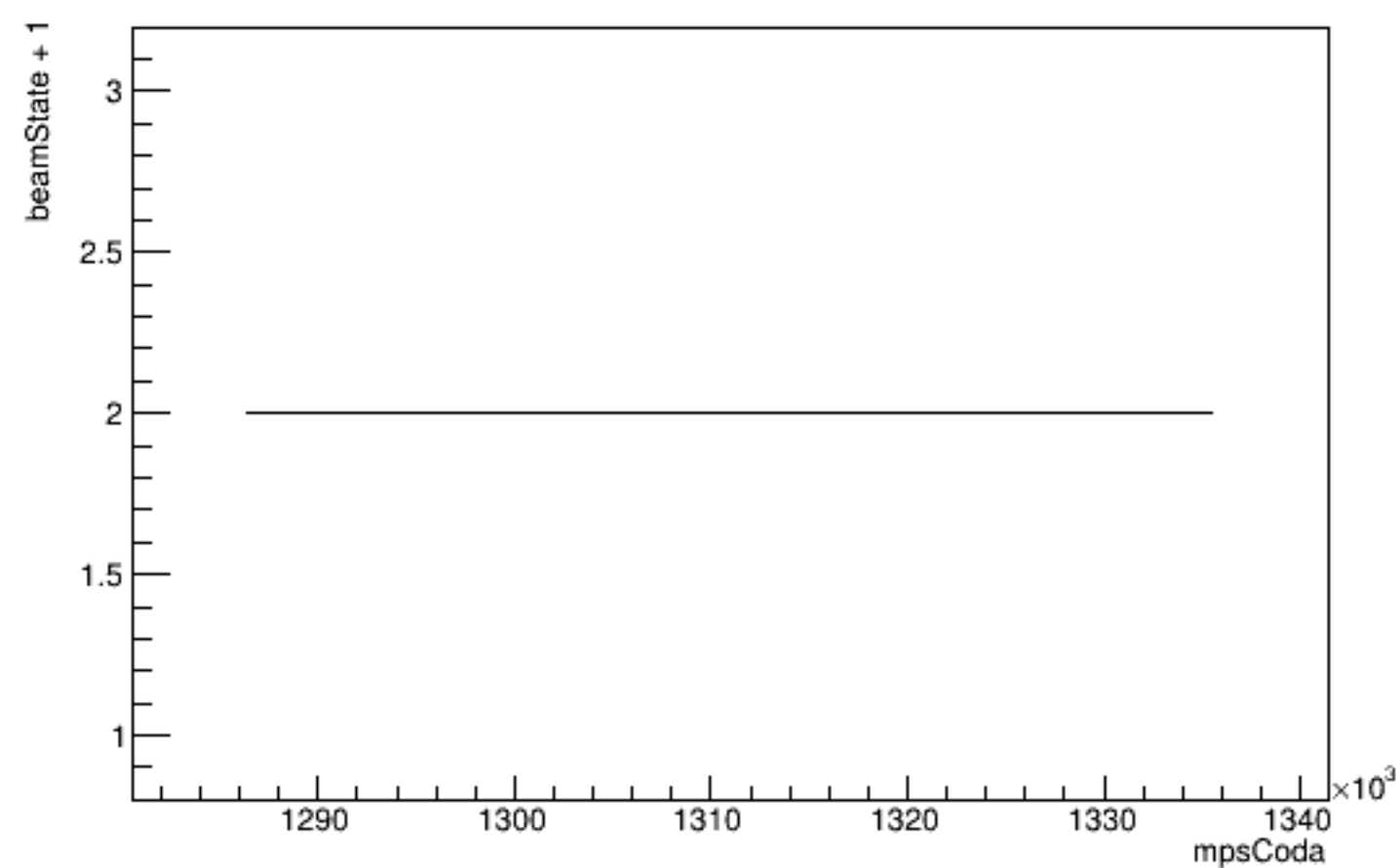
Acc0/NAcc0:mpsCoda (mpsCoda>=1286431 && mpsCoda<=1335502 && beamState==1)



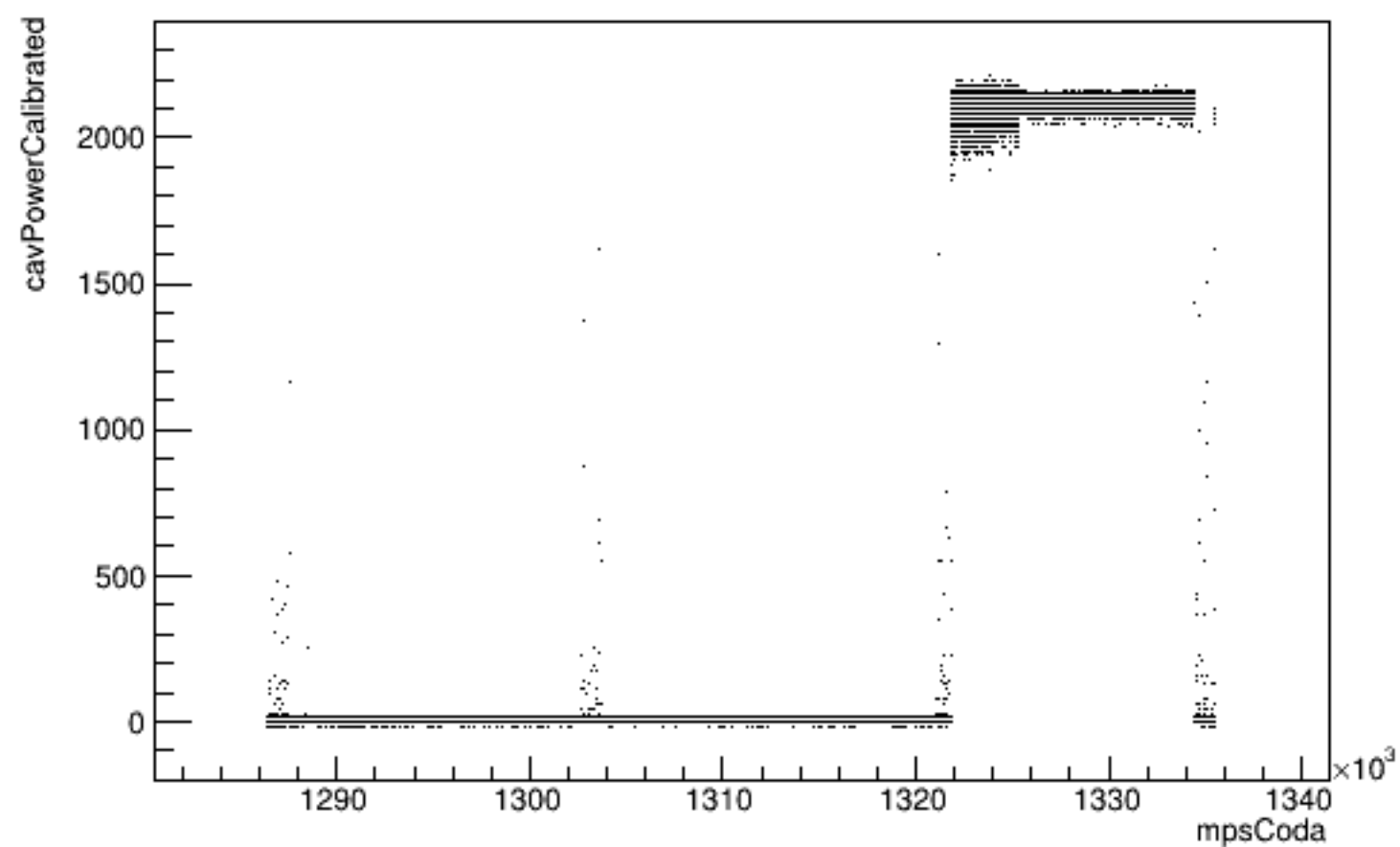
laserState:mpsCoda {mpsCoda>=1286431 && mpsCoda<=1335502}



beamState + 1:mpsCoda {mpsCoda>=1286431 && mpsCoda<=1335502}



cavPowerCalibrated:mpsCoda {mpsCoda>=1286431 && mpsCoda<=1335502}



bcm:mpsCoda {mpsCoda>=1286431 && mpsCoda<=1335502}

