

Cycle 1, Diffs

Entries: 7472

Mean: -0.0029 +/- 0.0031

Std Dev: 0.2676 +/- 0.0022

Entries: 1589

Mean: -0.0225 +/- 0.0072

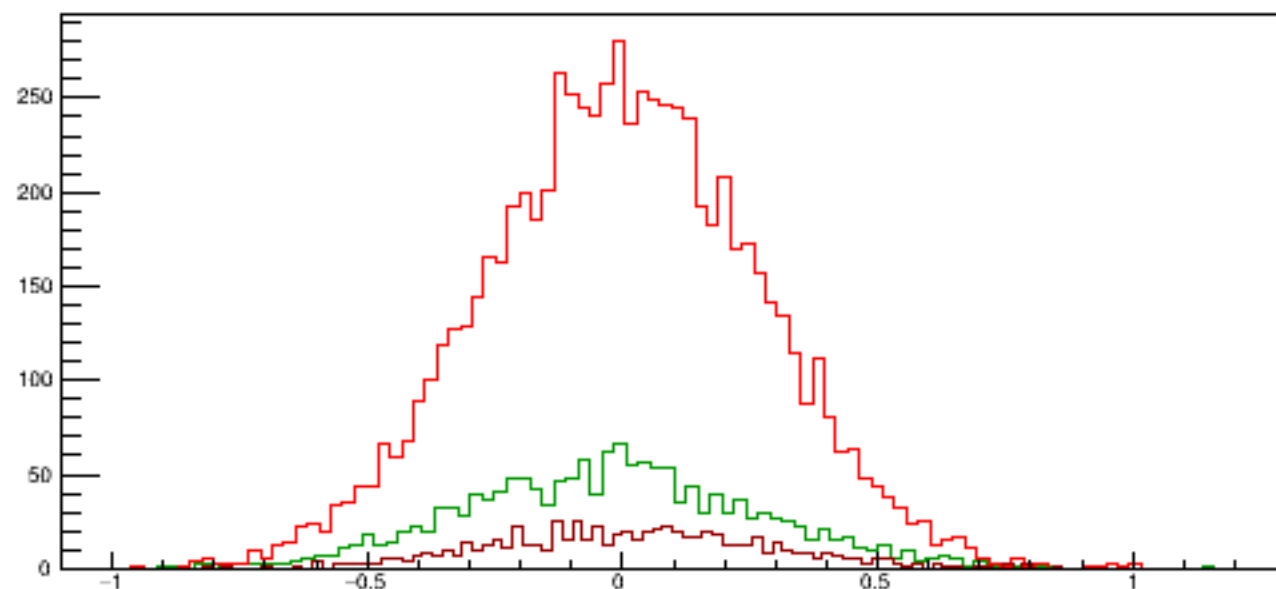
Std Dev: 0.2860 +/- 0.0051

Entries: 676

Mean: 0.0132 +/- 0.0103

Std Dev: 0.2683 +/- 0.0073

Run 4301 quartetwise, Diffs



Cycle 1, Sums

Entries: 7472

Mean: 13.6633 +/- 0.0073

Std Dev: 0.6322 +/- 0.0052

Entries: 1589

Mean: 15.4591 +/- 0.0184

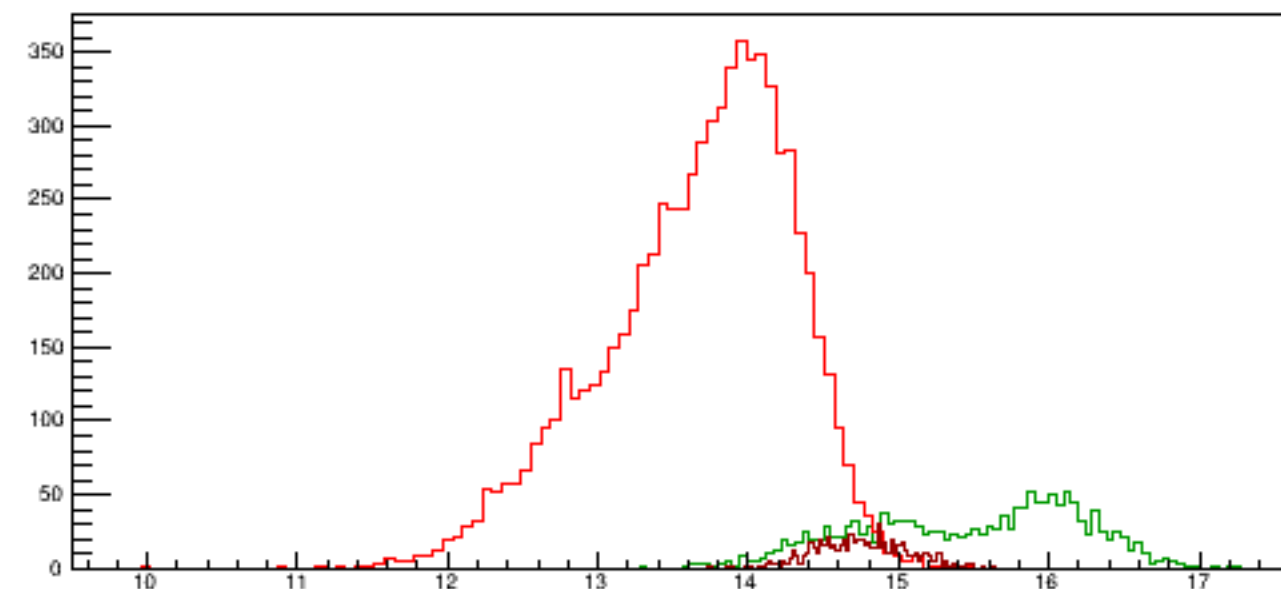
Std Dev: 0.7343 +/- 0.0130

Entries: 676

Mean: 14.7462 +/- 0.0120

Std Dev: 0.3115 +/- 0.0085

Run 4301 quartetwise, Sums



Cycle 1, Asyms

Entries: 7472

Mean: -0.0023 +/- 0.0025

Std Dev: 0.2133 +/- 0.0017

Entries: 1589

Mean: -0.1544 +/- 0.6179

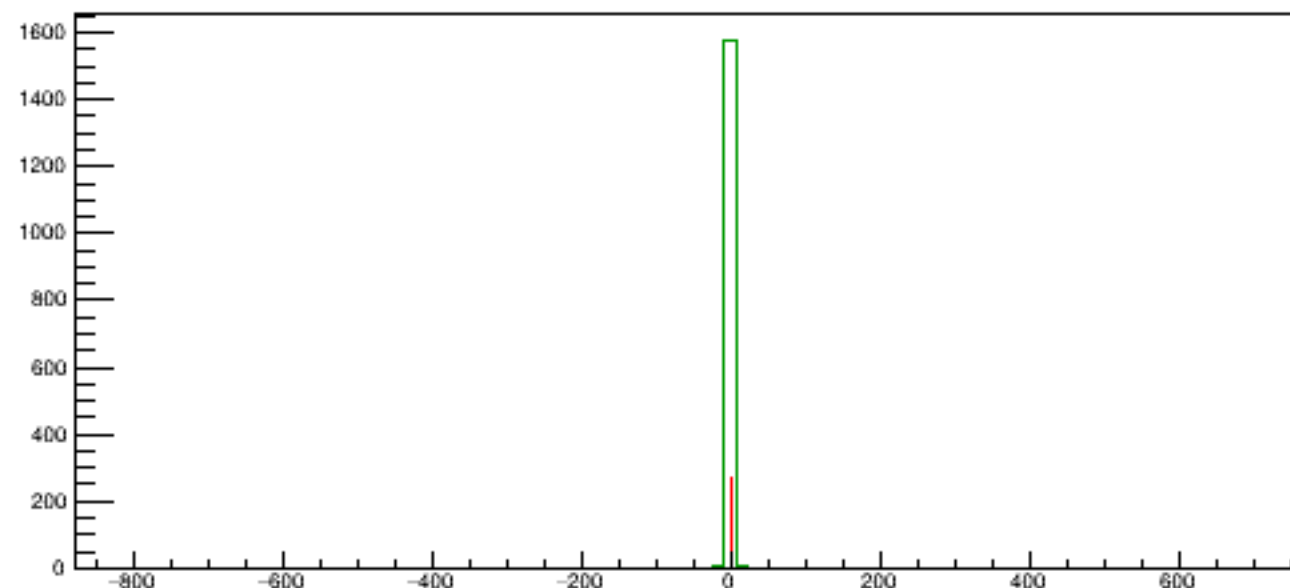
Std Dev: 24.6293 +/- 0.4369

Entries: 676

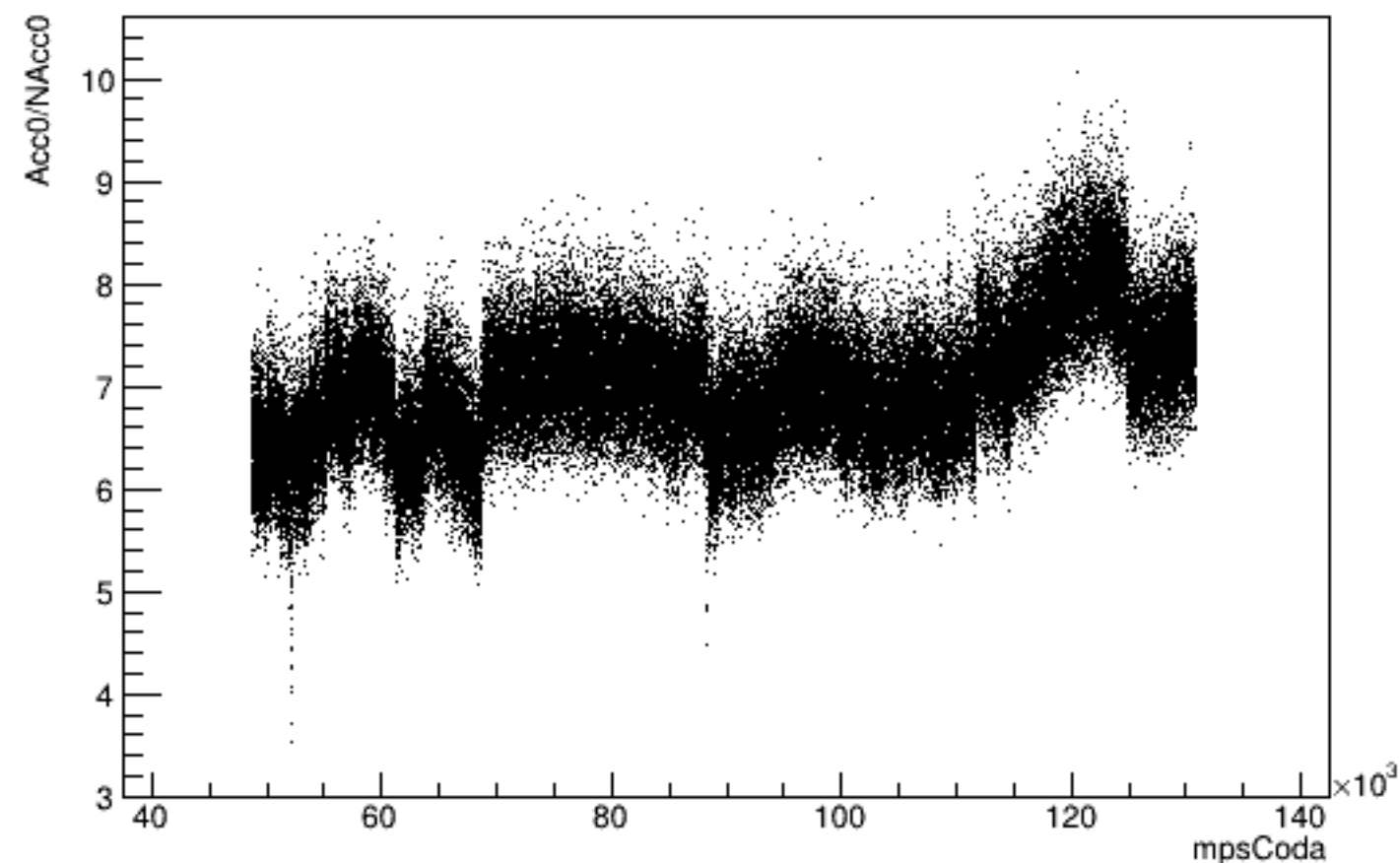
Mean: 0.0105 +/- 0.0082

Std Dev: 0.2139 +/- 0.0058

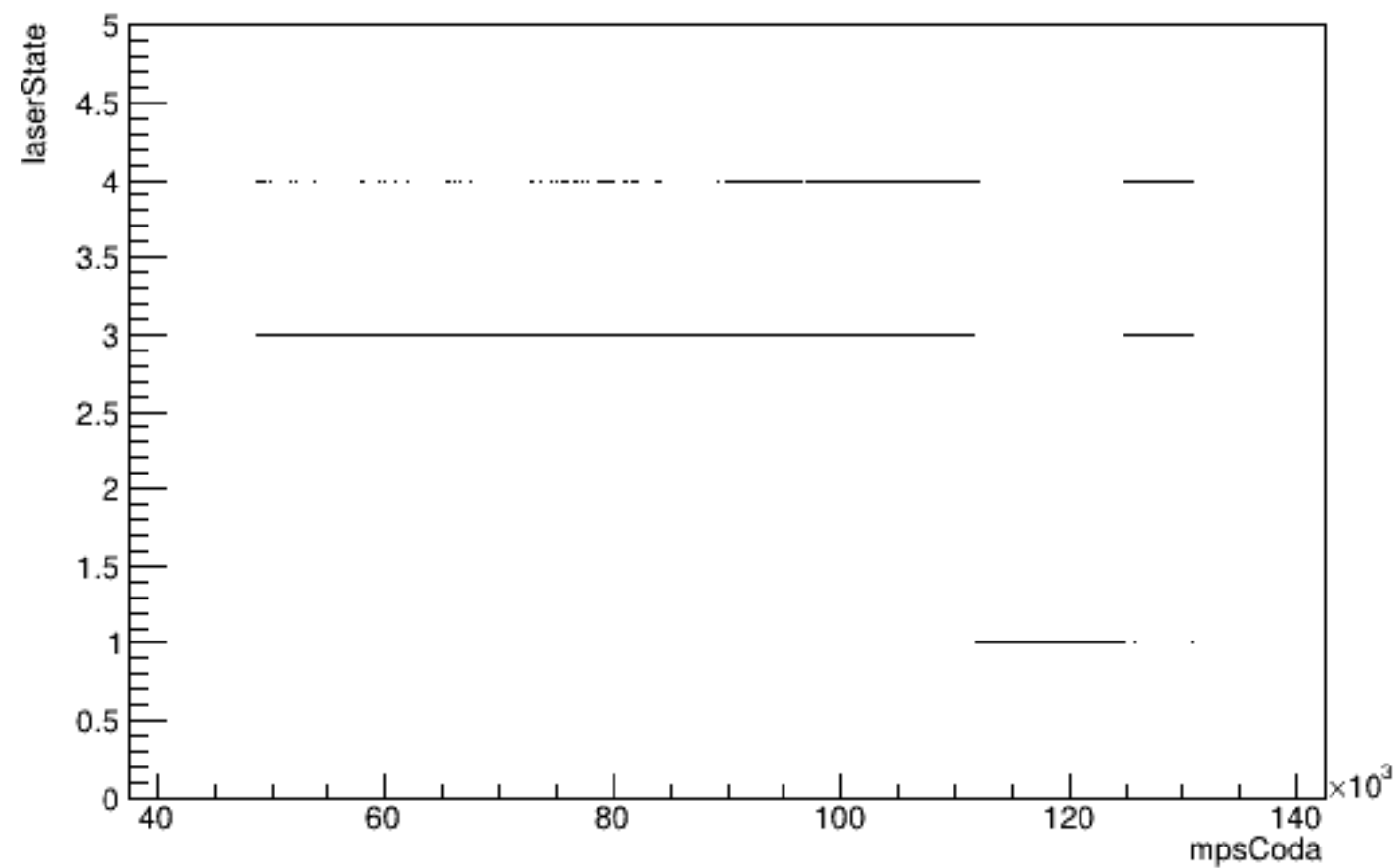
Run 4301 quartetwise, Asyms



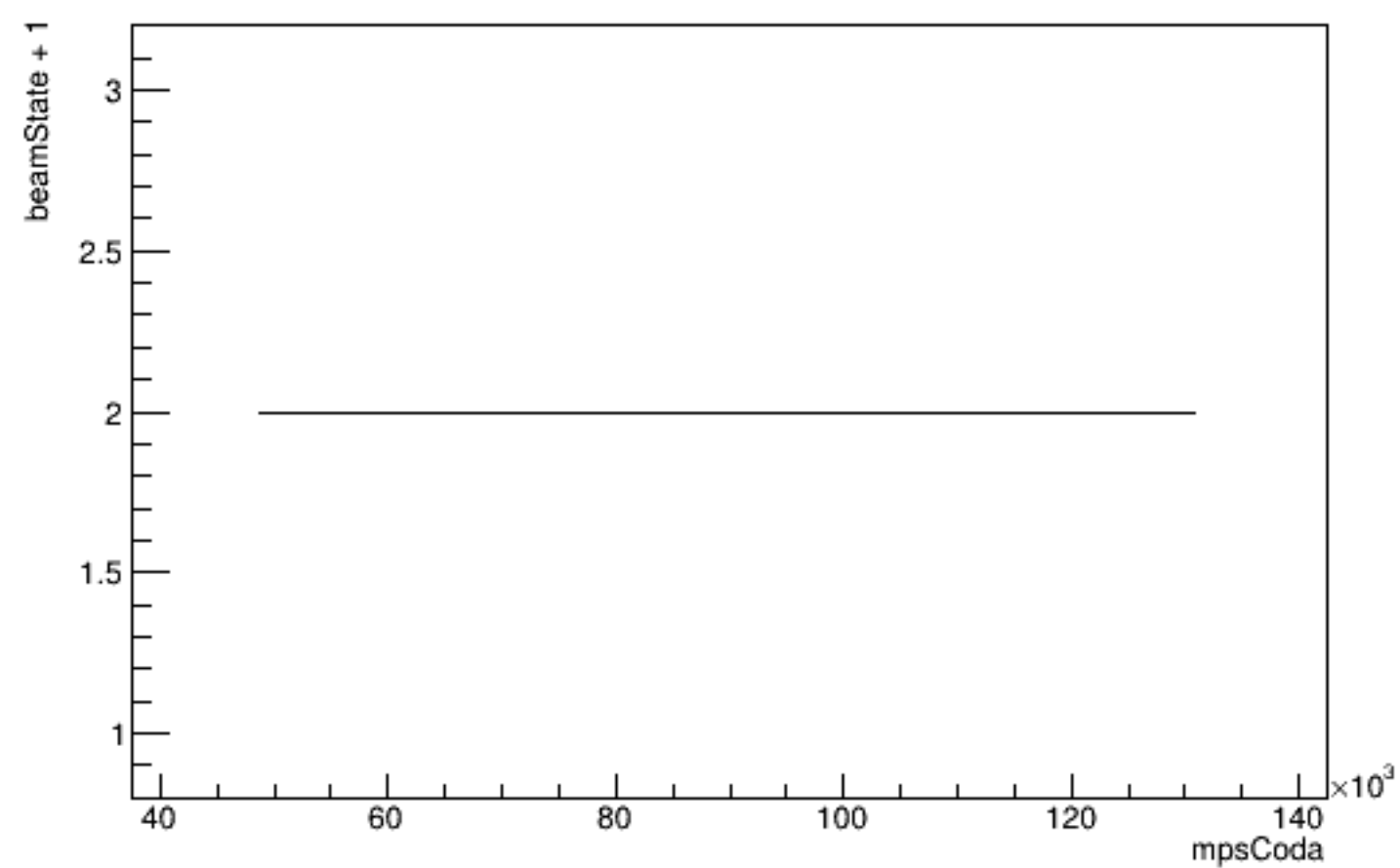
Acc0/NAcc0:mpsCoda {mpsCoda>=48695 && mpsCoda<=130822 && beamState==1}



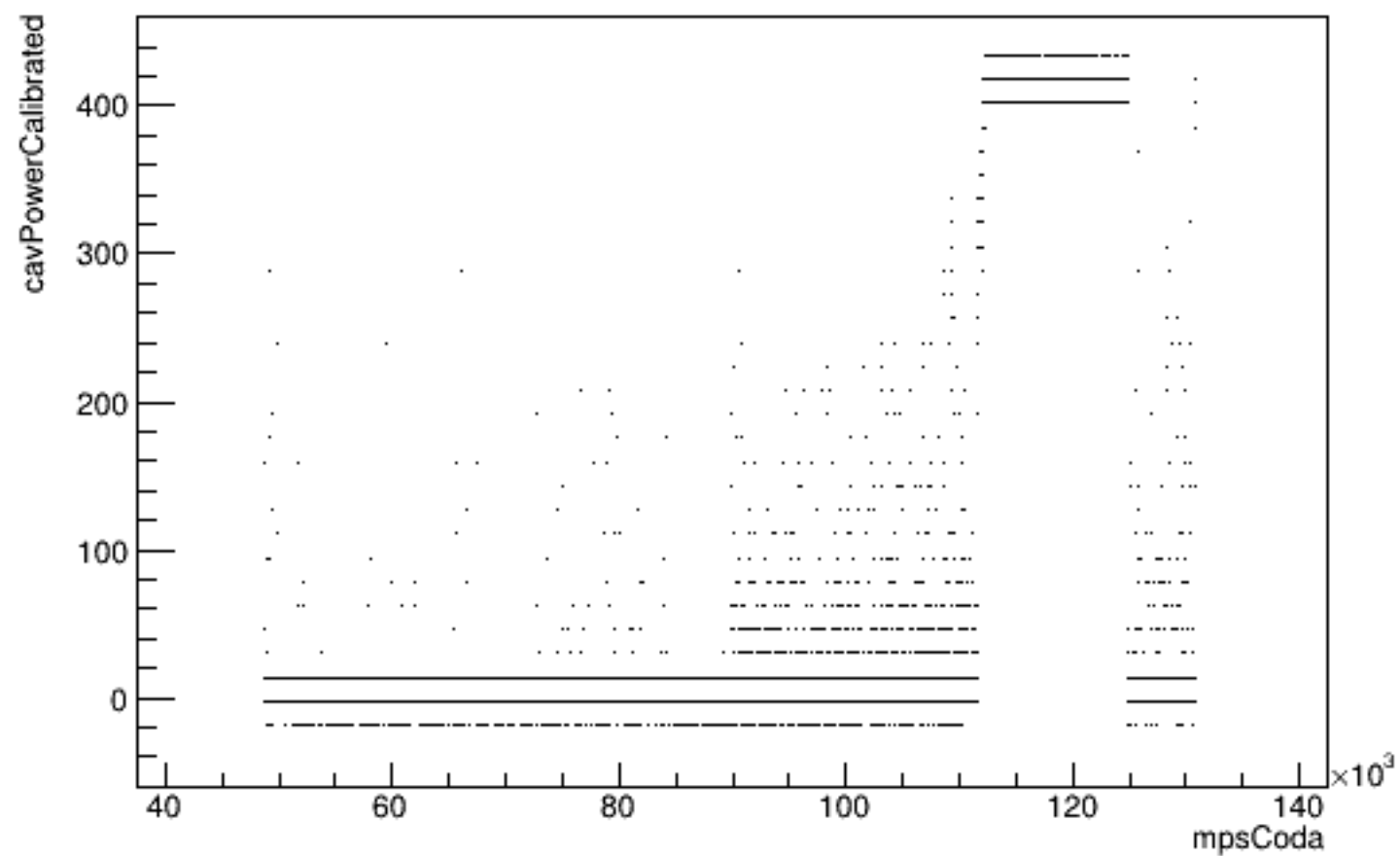
laserState:mpsCoda {mpsCoda>=48695 && mpsCoda<=130822}



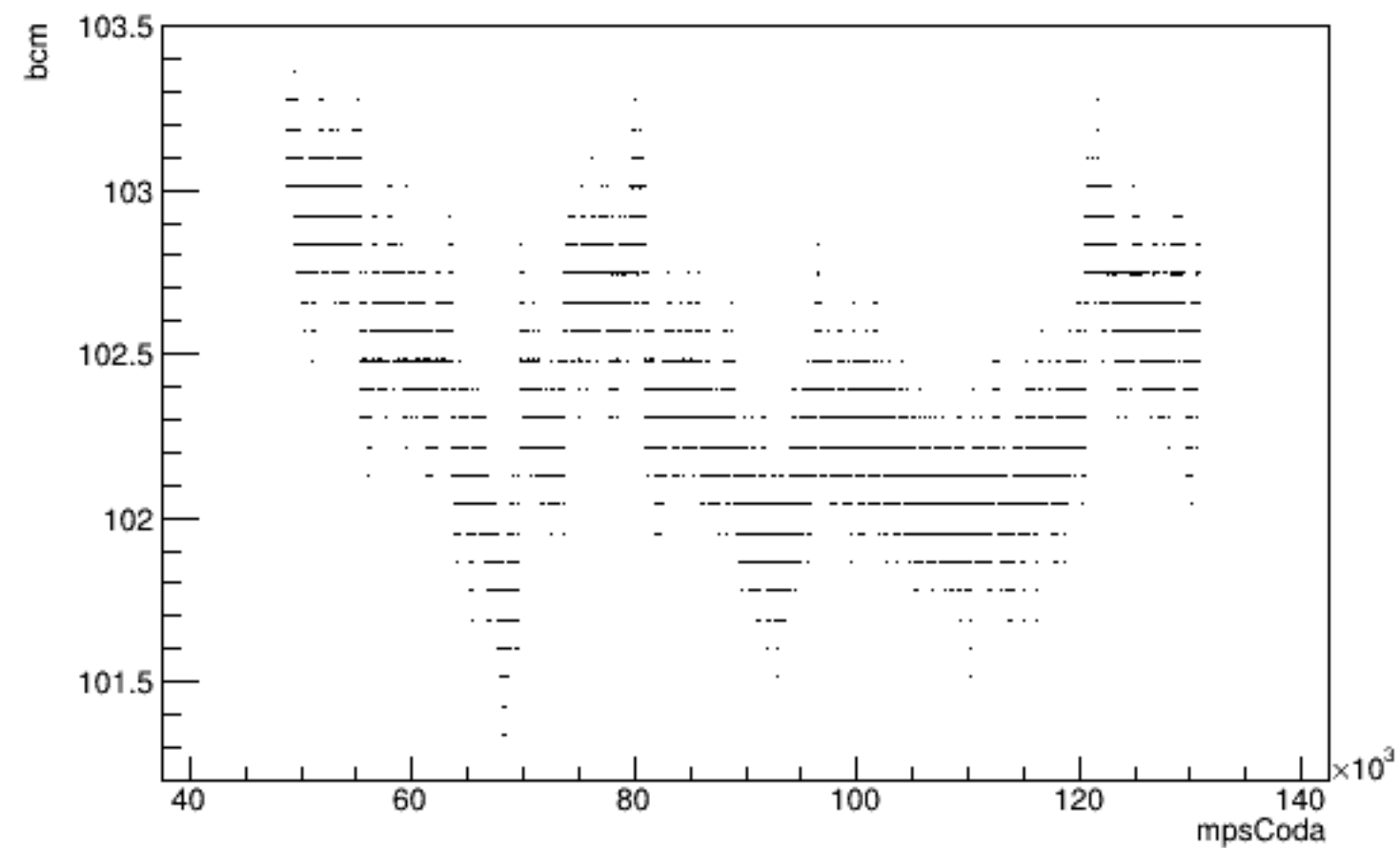
beamState + 1:mpsCoda {mpsCoda>=48695 && mpsCoda<=130822}



cavPowerCalibrated:mpsCoda {mpsCoda>=48695 && mpsCoda<=130822}



bcm:mpsCoda {mpsCoda>=48695 && mpsCoda<=130822}



Cycle 2, Diffs

Entries: 96

Mean: -0.0144 +/- 0.0252

Std Dev: 0.2465 +/- 0.0178

Entries: 10025

Mean: -0.0230 +/- 0.0028

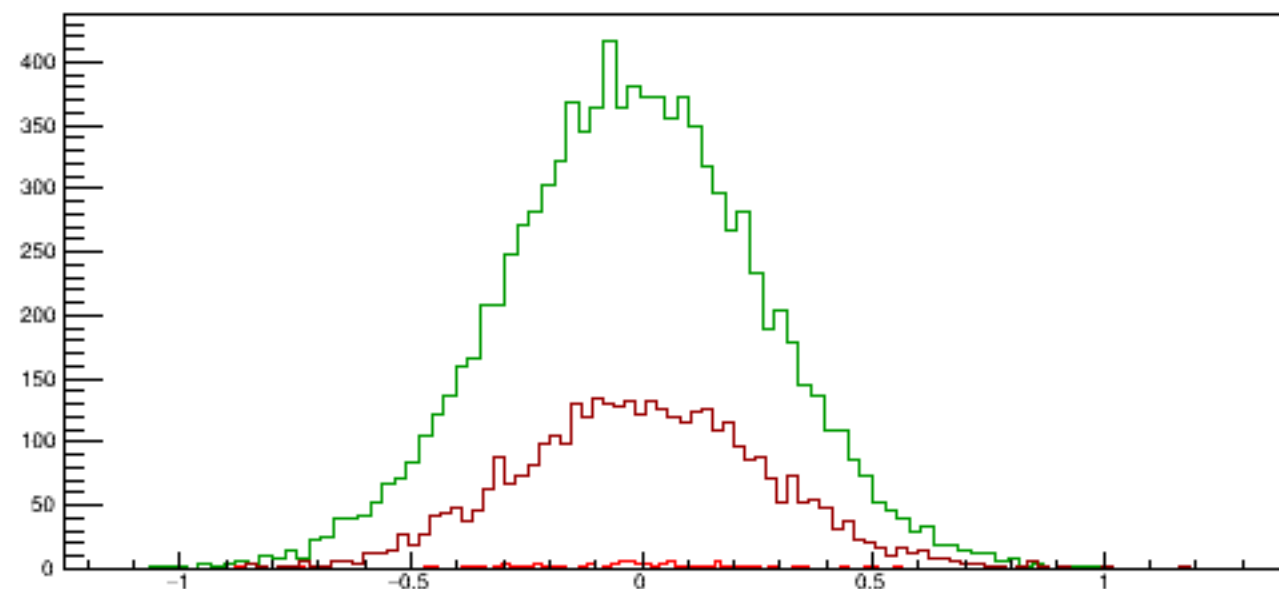
Std Dev: 0.2793 +/- 0.0020

Entries: 3749

Mean: 0.0028 +/- 0.0044

Std Dev: 0.2673 +/- 0.0031

Run 4301 quartetwise, Diffs



Cycle 2, Sums

Entries: 96

Mean: 13.7562 +/- 0.0251

Std Dev: 0.2458 +/- 0.0177

Entries: 10025

Mean: 15.3593 +/- 0.0063

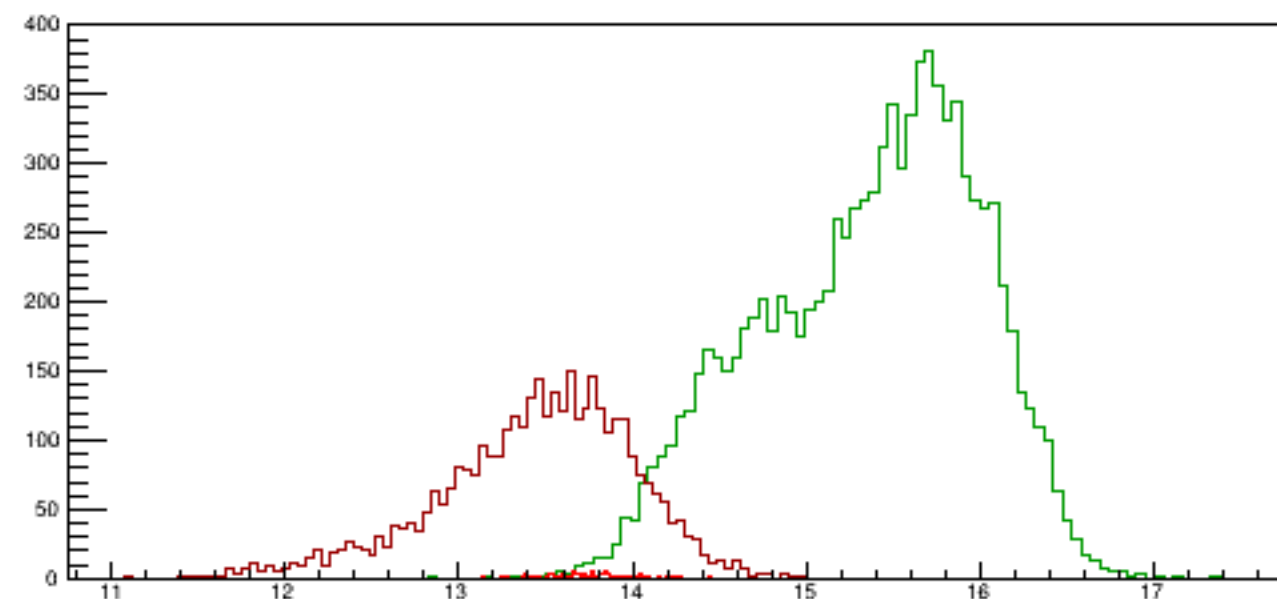
Std Dev: 0.6314 +/- 0.0045

Entries: 3749

Mean: 13.4447 +/- 0.0092

Std Dev: 0.5605 +/- 0.0065

Run 4301 quartetwise, Sums



Cycle 2, Asyms

Entries: 96

Mean: -0.0082 +/- 0.0143

Std Dev: 0.1401 +/- 0.0101

Entries: 10025

Mean: -0.0062 +/- 0.0136

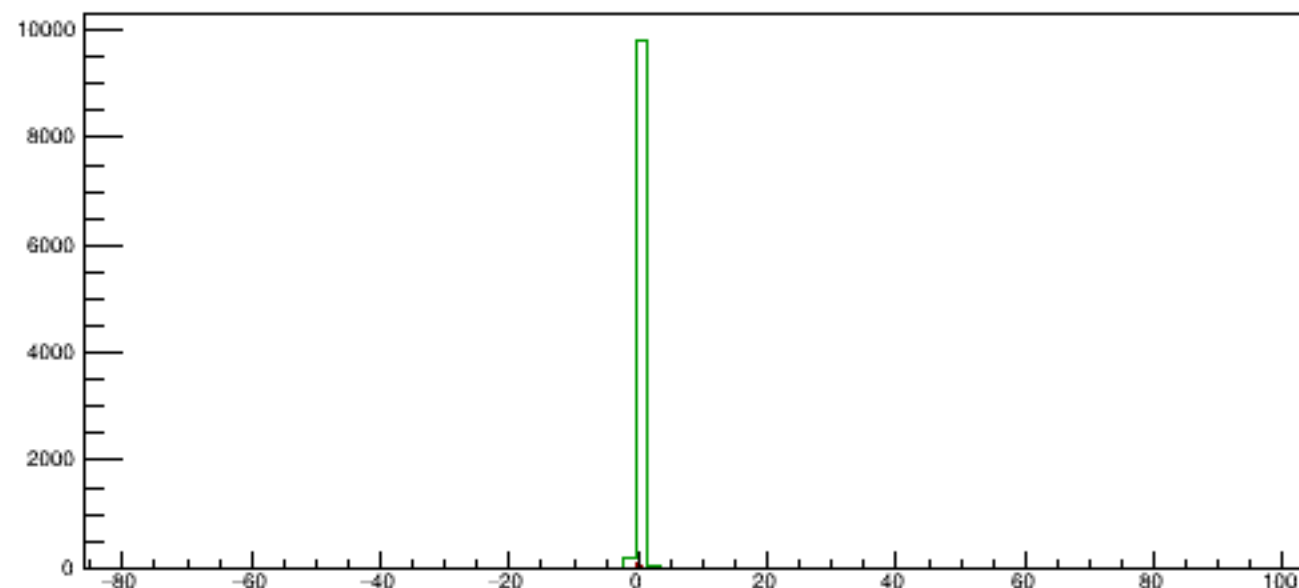
Std Dev: 1.3585 +/- 0.0096

Entries: 3749

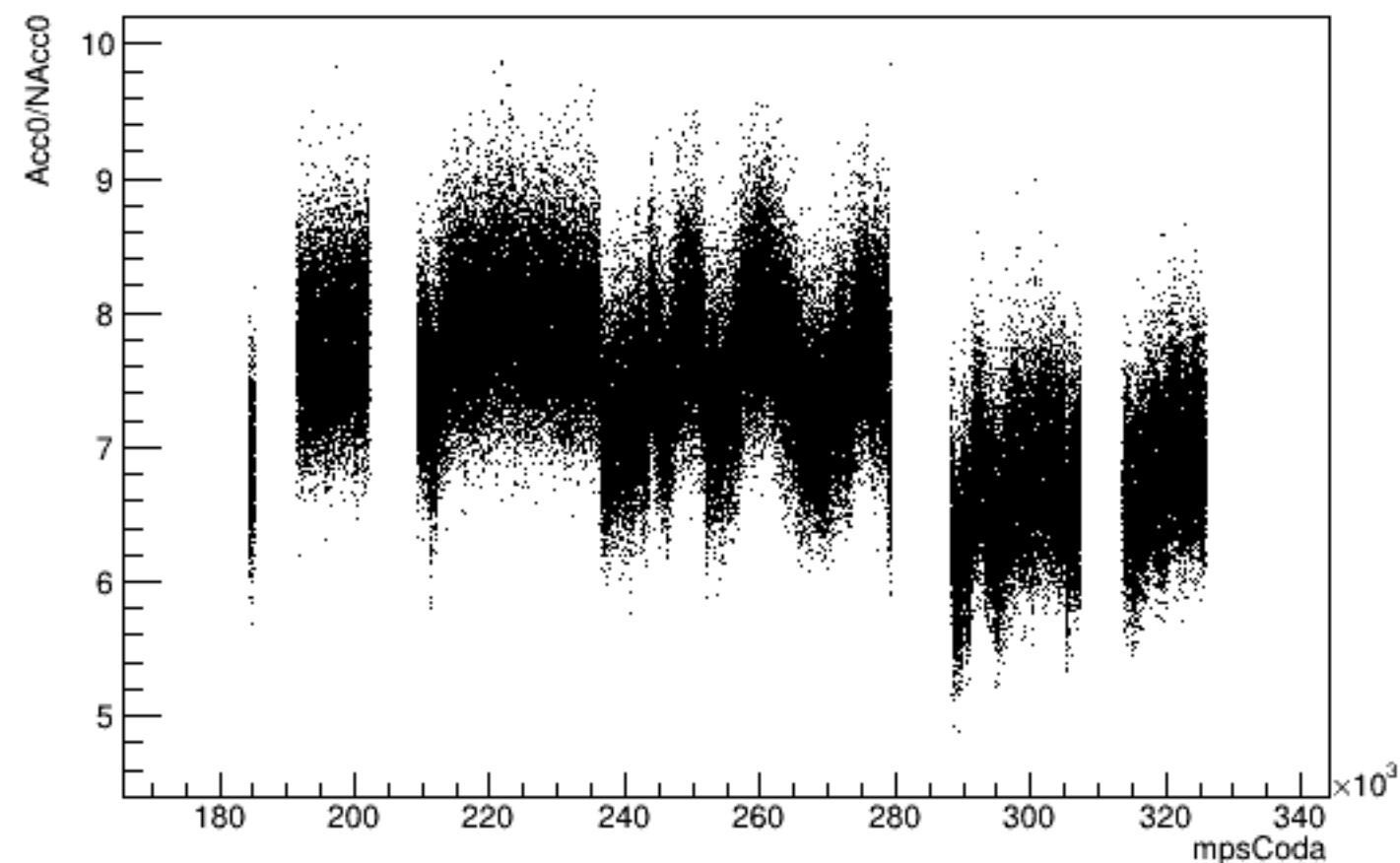
Mean: 0.0016 +/- 0.0025

Std Dev: 0.1520 +/- 0.0018

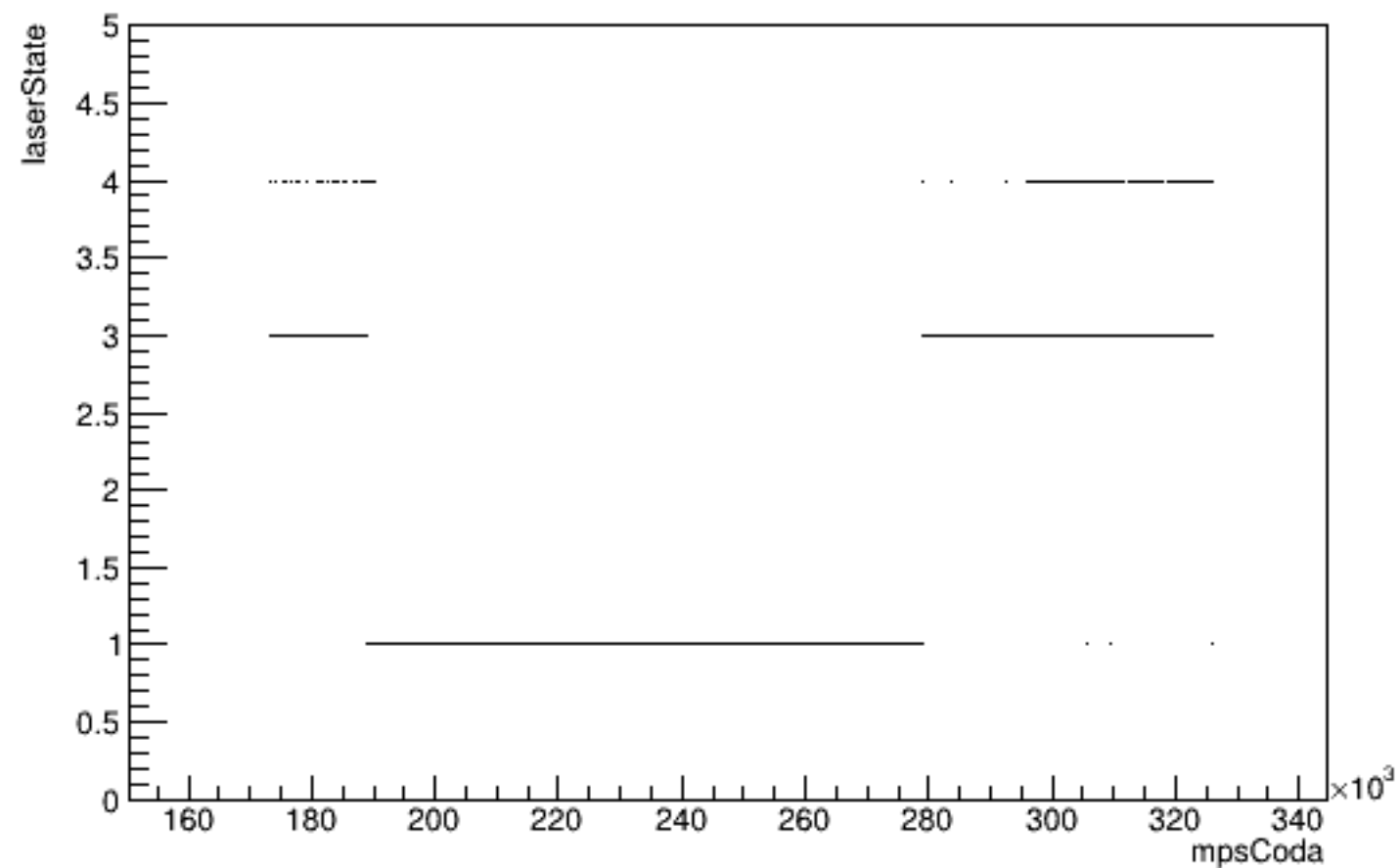
Run 4301 quartetwise, Asyms



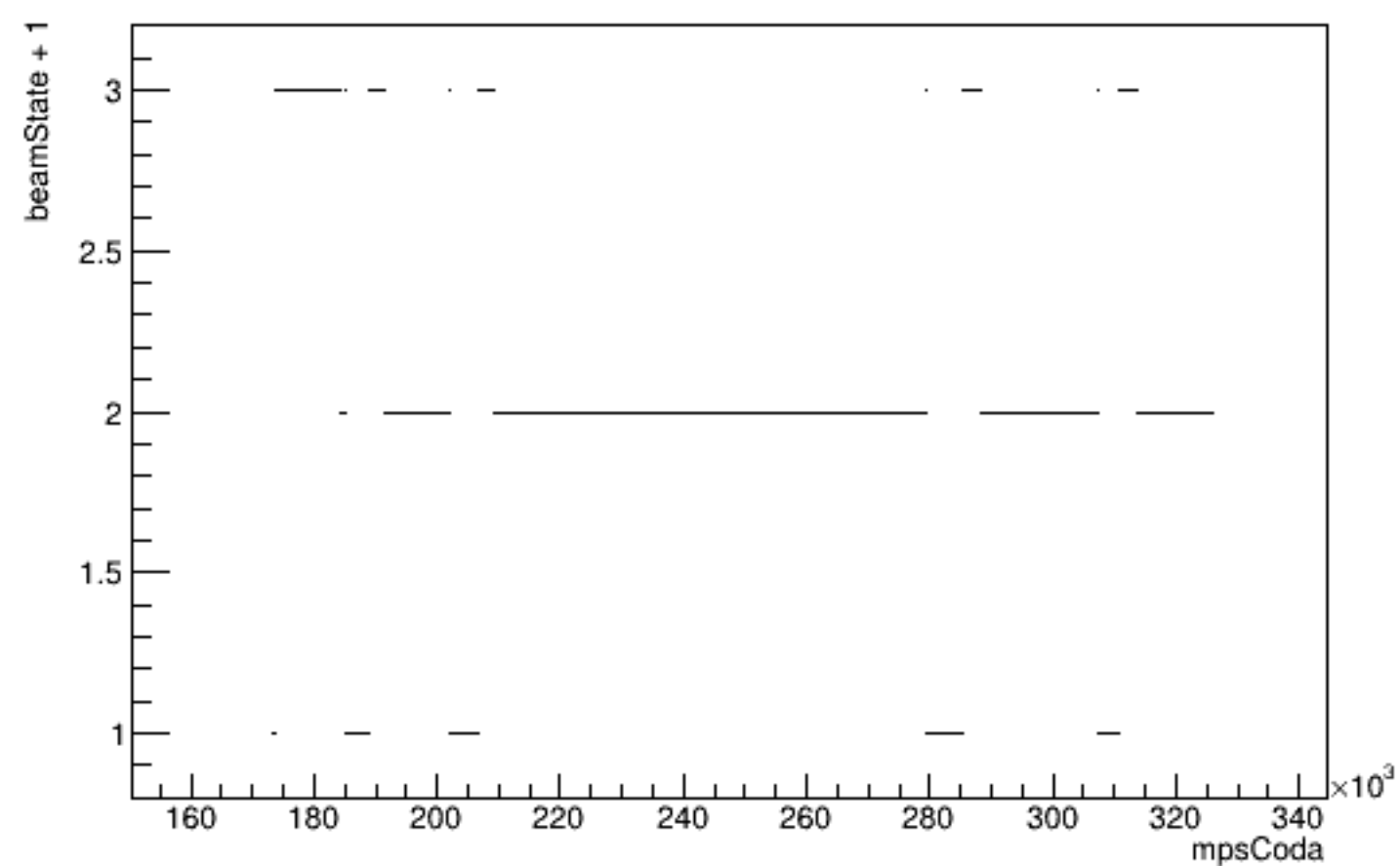
Acc0/NAcc0:mpsCoda (mpsCoda>=173287 && mpsCoda<=325870 && beamState==1)



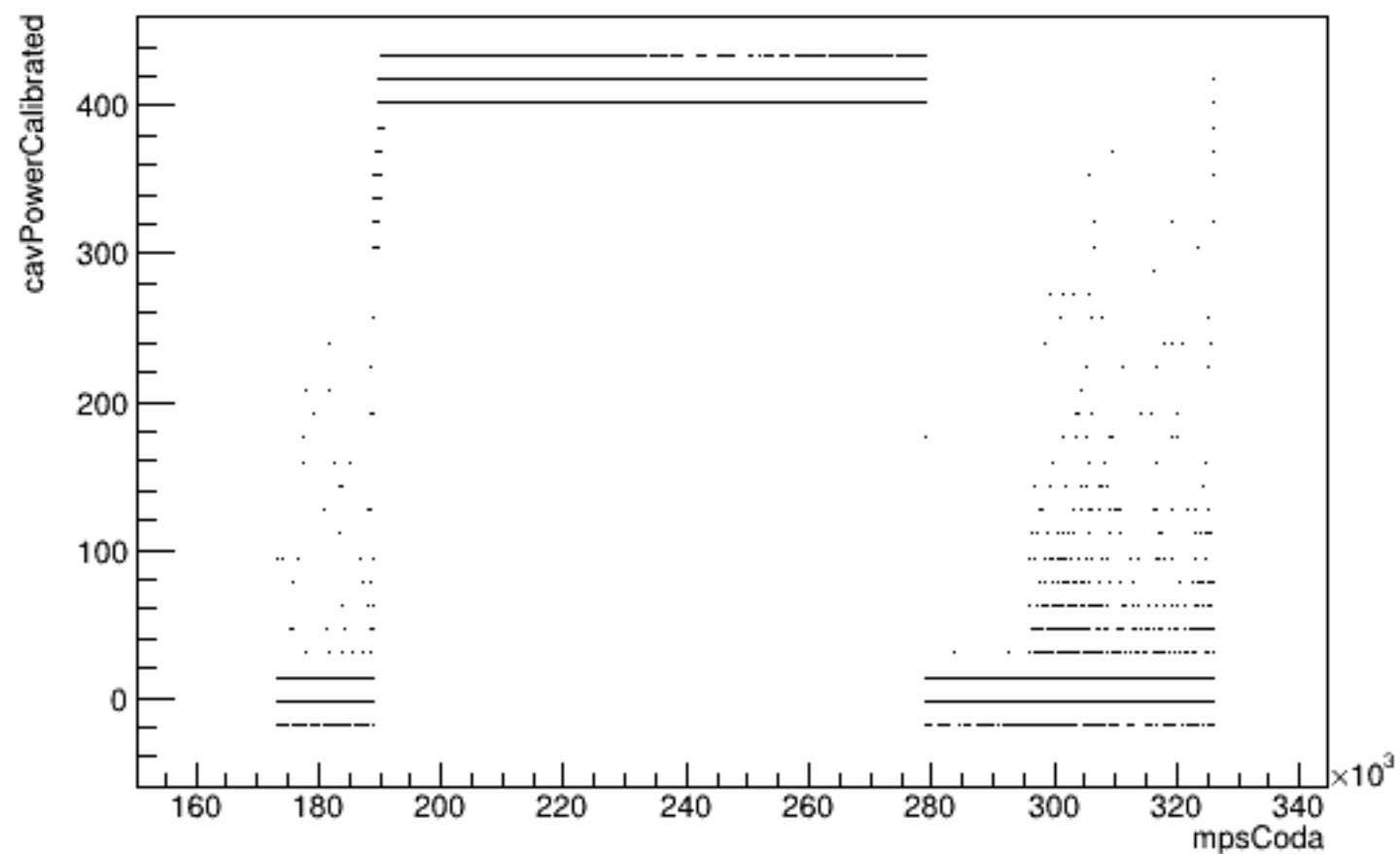
laserState:mpsCoda {mpsCoda>=173287 && mpsCoda<=325870}



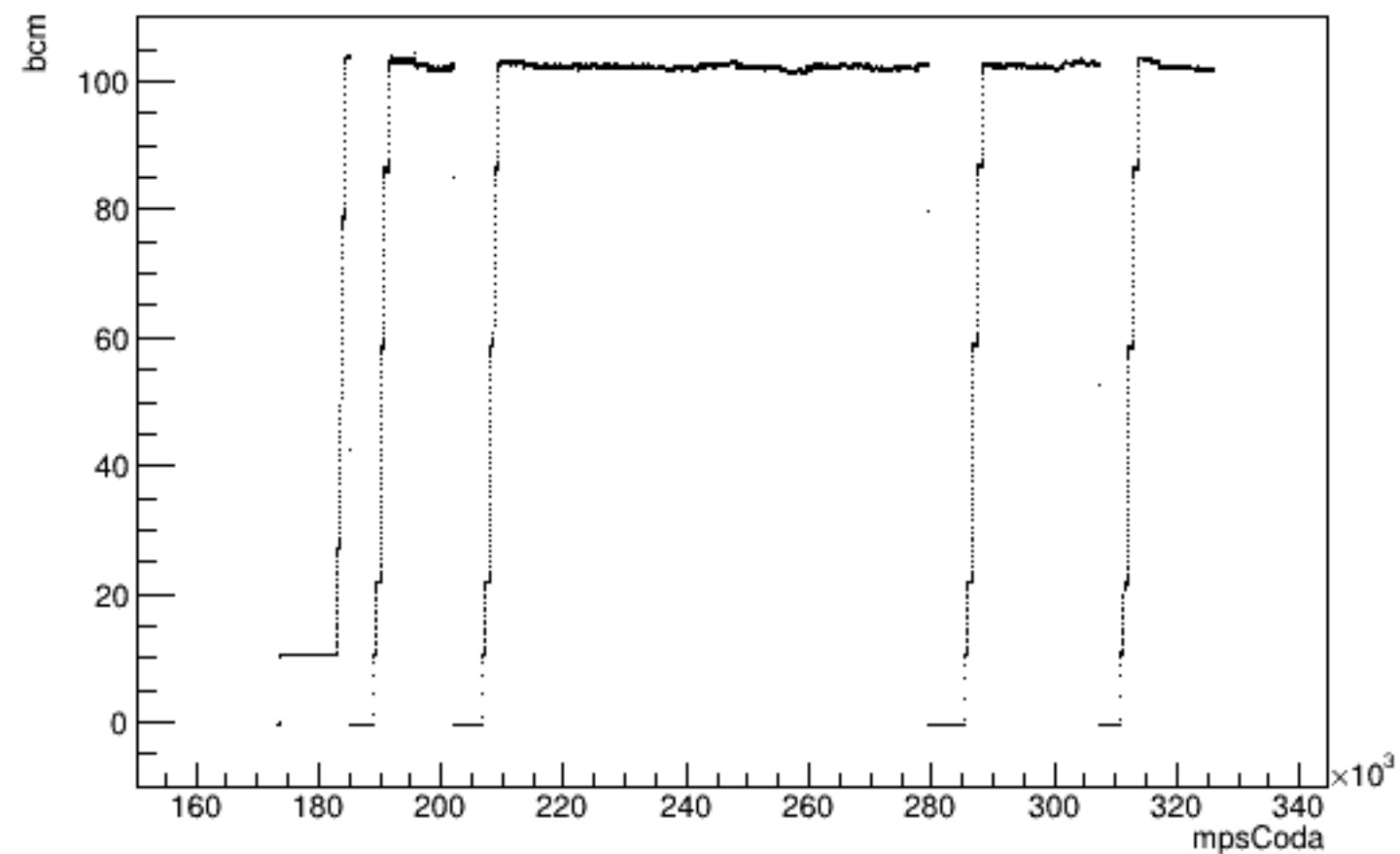
beamState + 1:mpsCoda {mpsCoda>=173287 && mpsCoda<=325870}



cavPowerCalibrated:mpsCoda {mpsCoda>=173287 && mpsCoda<=325870}



bcm:mpsCoda {mpsCoda>=173287 && mpsCoda<=325870}



Cycle 3, Diffs

Entries: 2419

Mean: 0.0070 +/- 0.0054

Std Dev: 0.2661 +/- 0.0038

Entries: 1114

Mean: -0.0129 +/- 0.0085

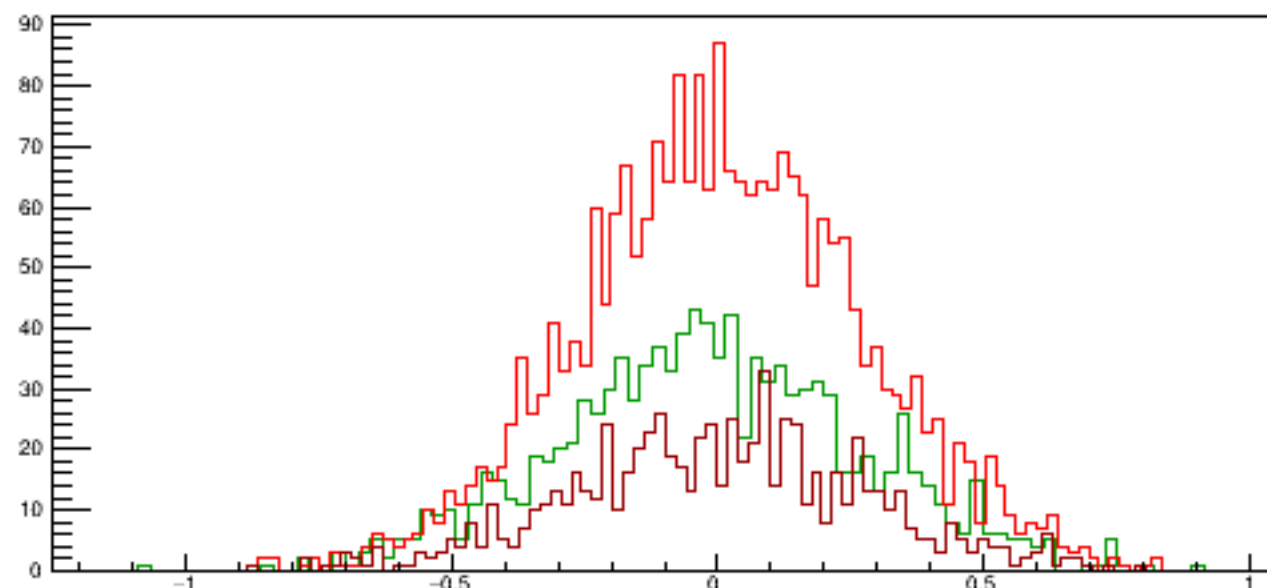
Std Dev: 0.2845 +/- 0.0060

Entries: 749

Mean: -0.0018 +/- 0.0102

Std Dev: 0.2780 +/- 0.0072

Run 4301 quartetwise, Diffs



Cycle 3, Sums

Entries: 2419

Mean: 14.2920 +/- 0.0072

Std Dev: 0.3561 +/- 0.0051

Entries: 1114

Mean: 15.1491 +/- 0.0230

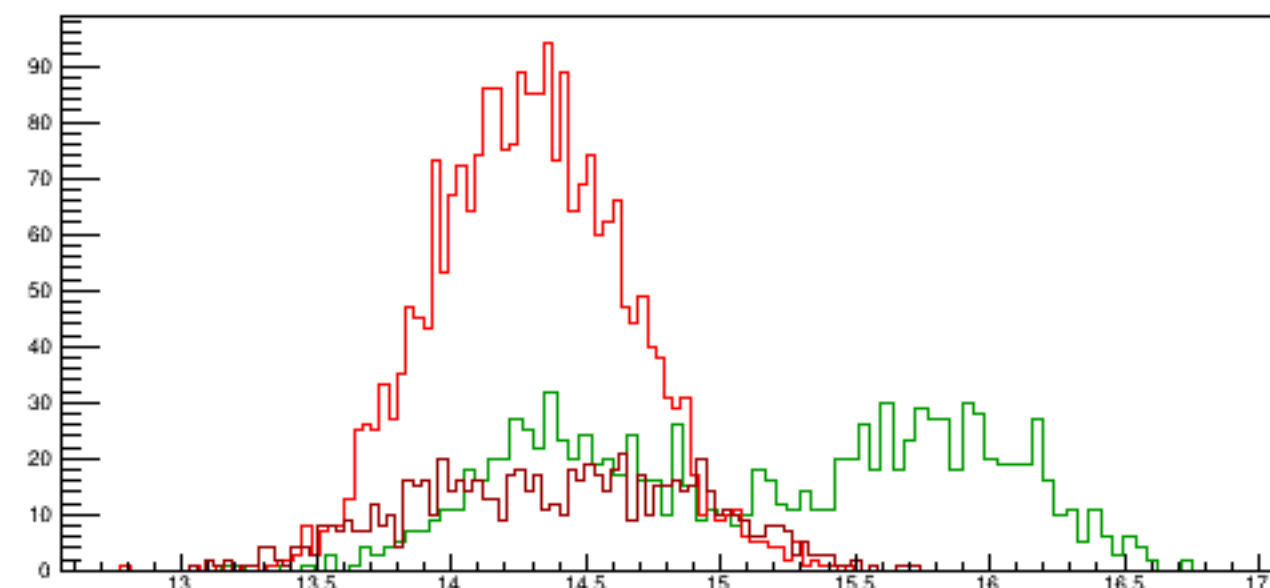
Std Dev: 0.7670 +/- 0.0162

Entries: 749

Mean: 14.3868 +/- 0.0190

Std Dev: 0.5212 +/- 0.0135

Run 4301 quartetwise, Sums



Cycle 3, Asyms

Entries: 2419

Mean: 0.0087 +/- 0.0067

Std Dev: 0.3286 +/- 0.0047

Entries: 1114

Mean: 0.1970 +/- 1.0004

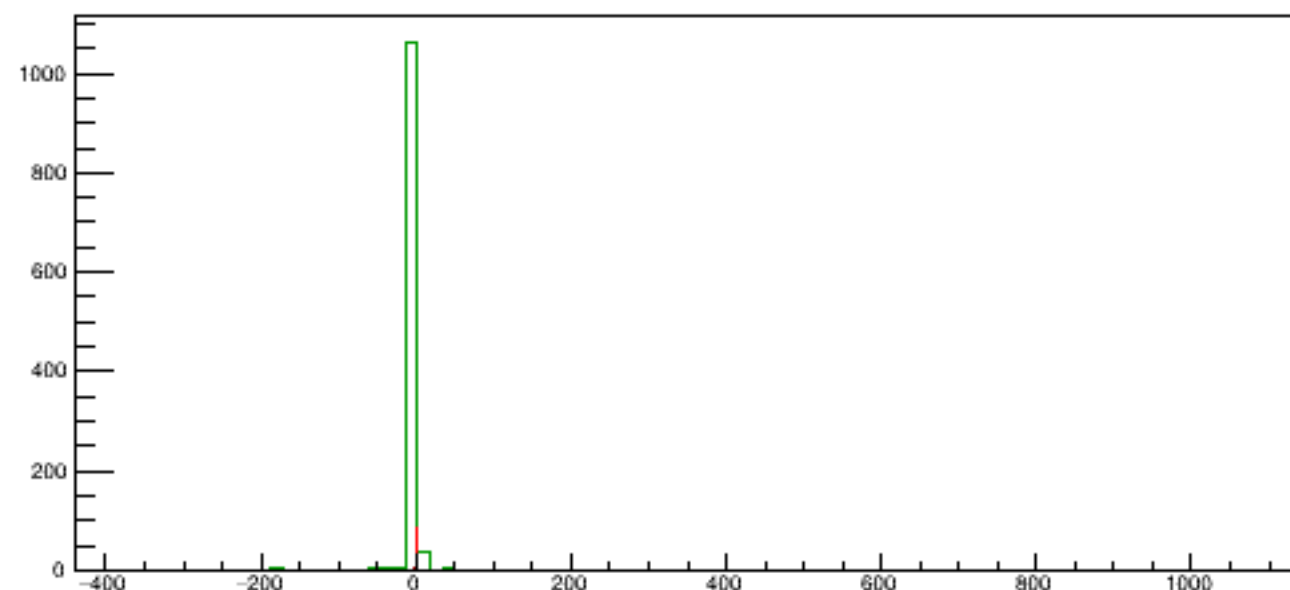
Std Dev: 33.3885 +/- 0.7074

Entries: 749

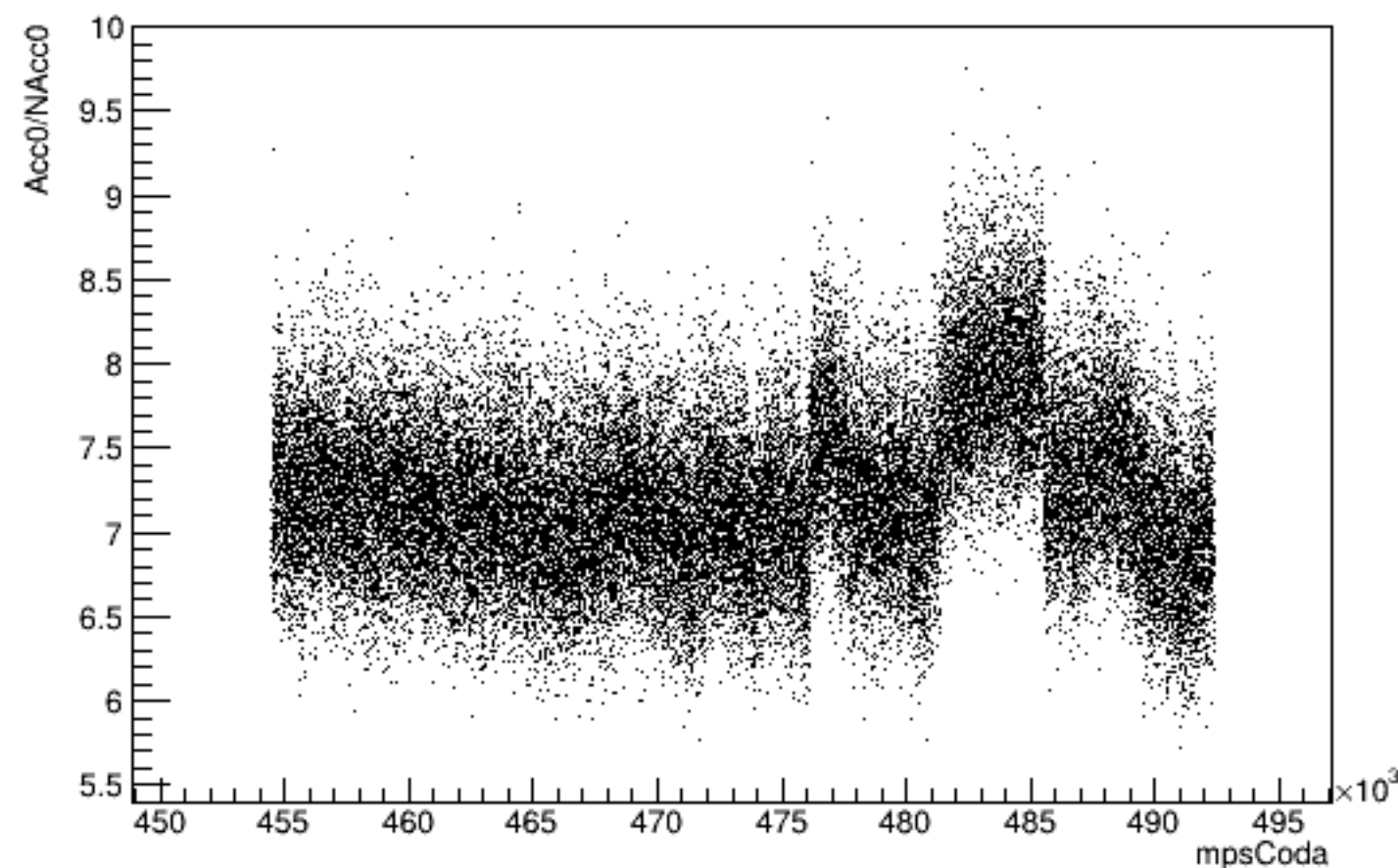
Mean: -0.0022 +/- 0.0125

Std Dev: 0.3433 +/- 0.0089

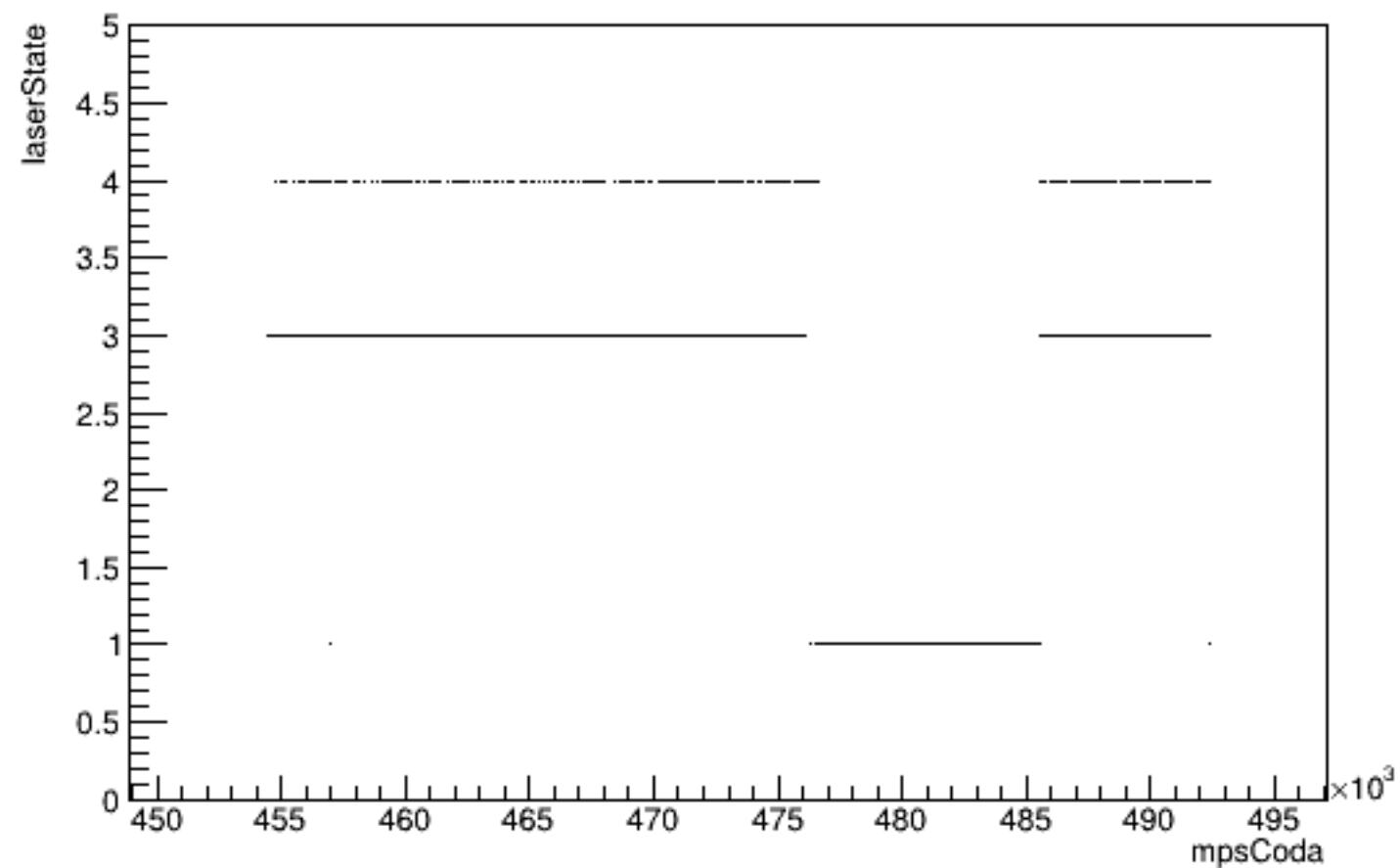
Run 4301 quartetwise, Asyms



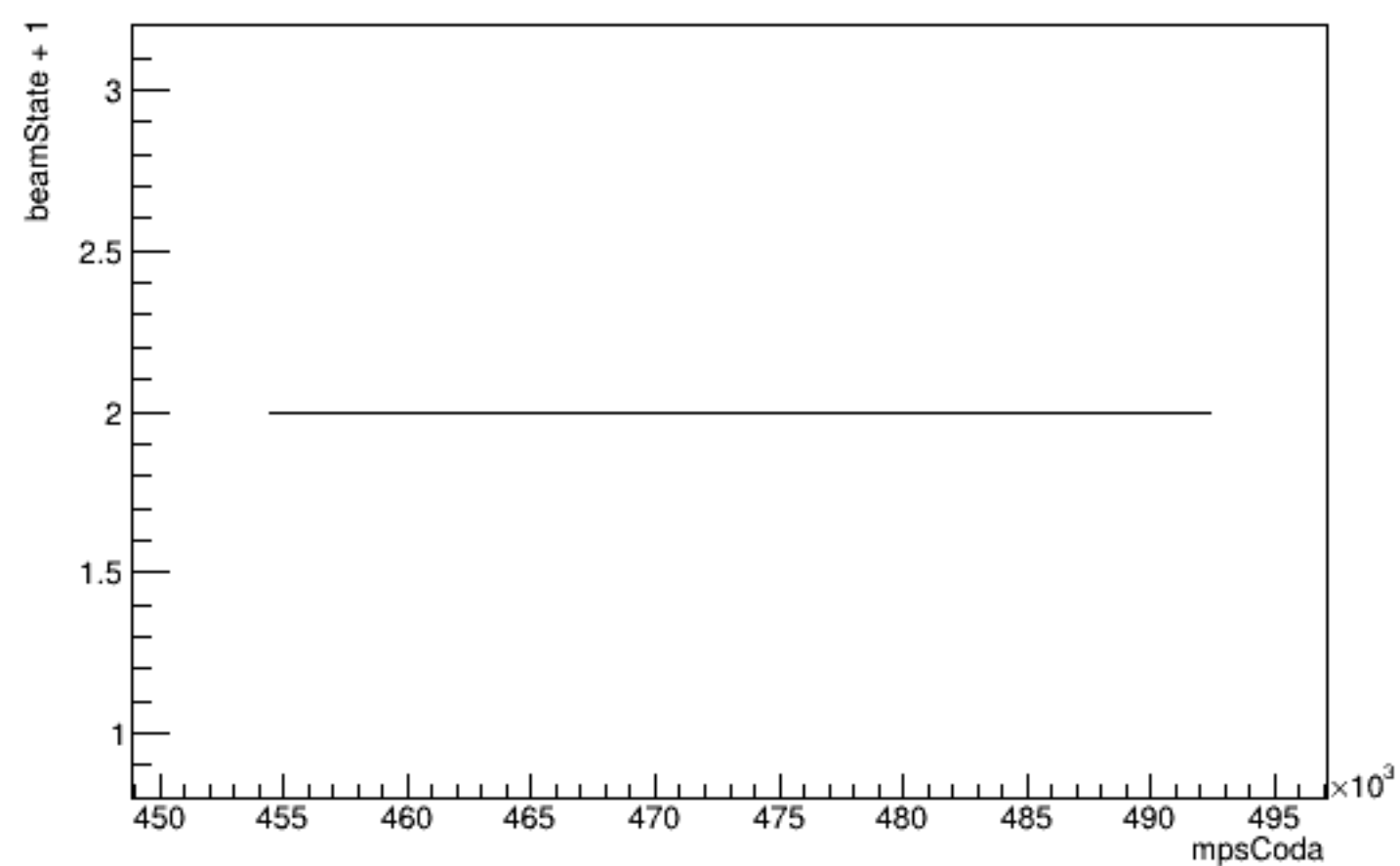
Acc0/NAcc0:mpsCoda (mpsCoda>=454479 && mpsCoda<=492382 && beamState==1)



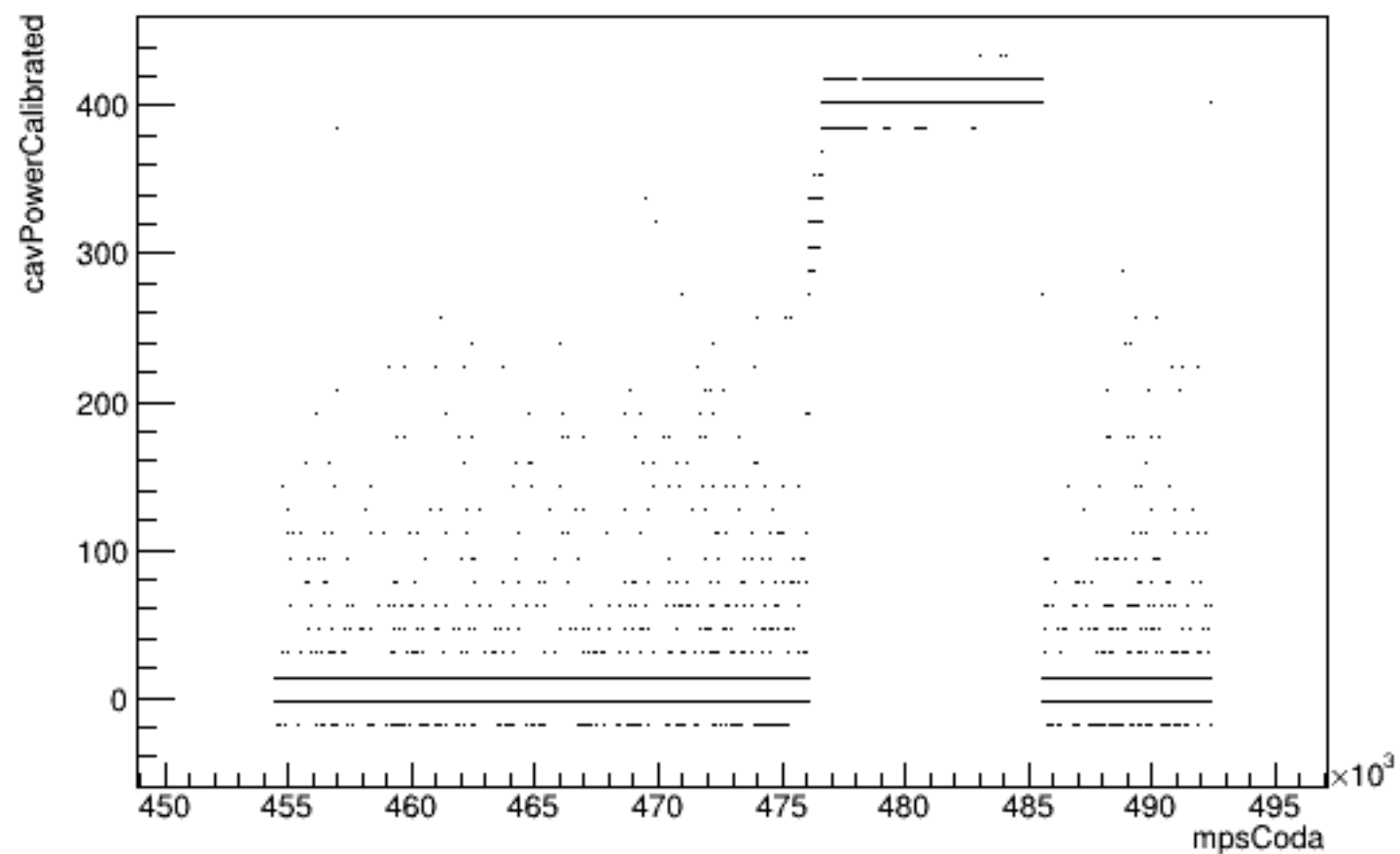
laserState:mpsCoda {mpsCoda>=454479 && mpsCoda<=492382}



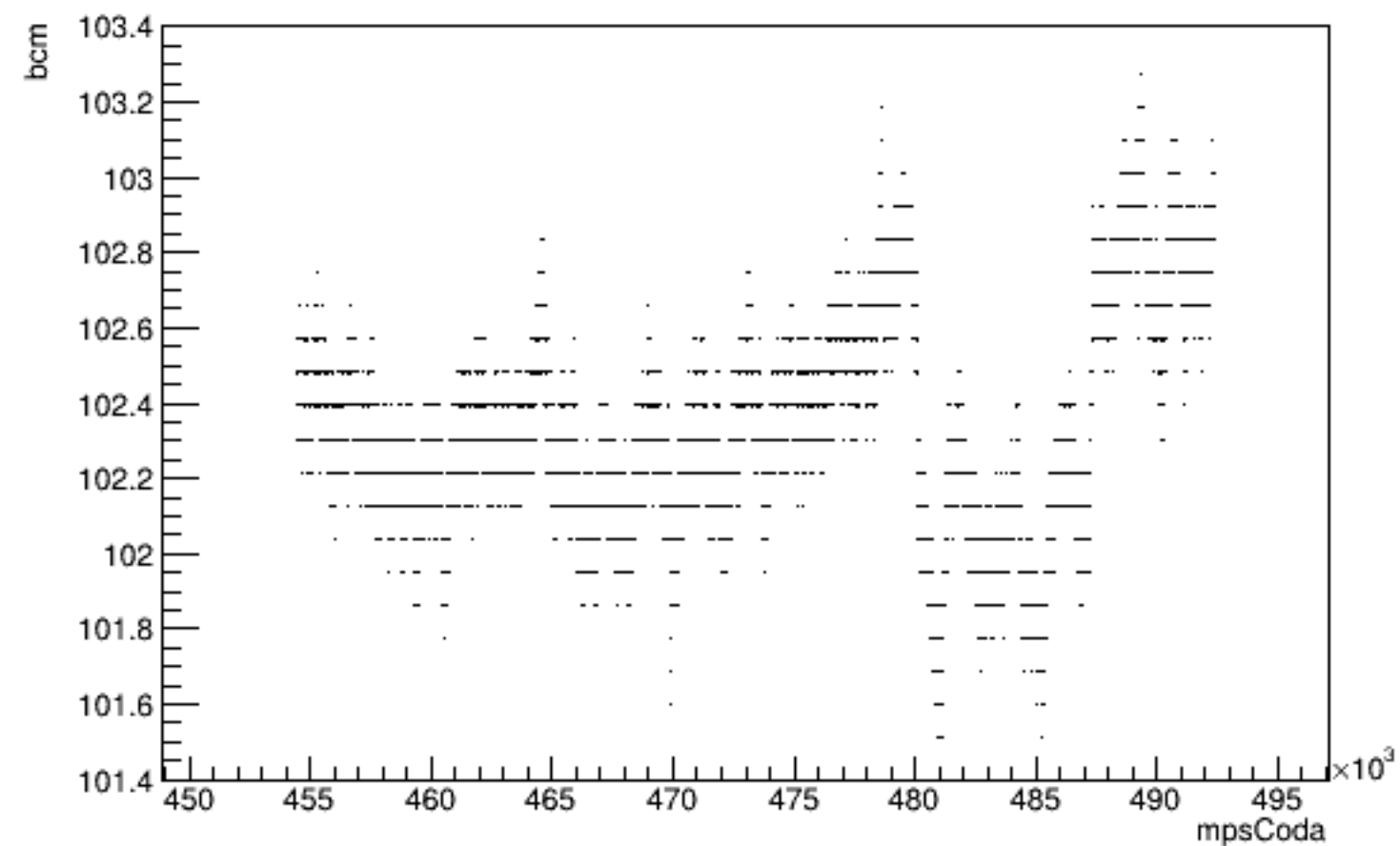
beamState + 1:mpsCoda {mpsCoda>=454479 && mpsCoda<=492382}



cavPowerCalibrated:mpsCoda {mpsCoda>=454479 && mpsCoda<=492382}



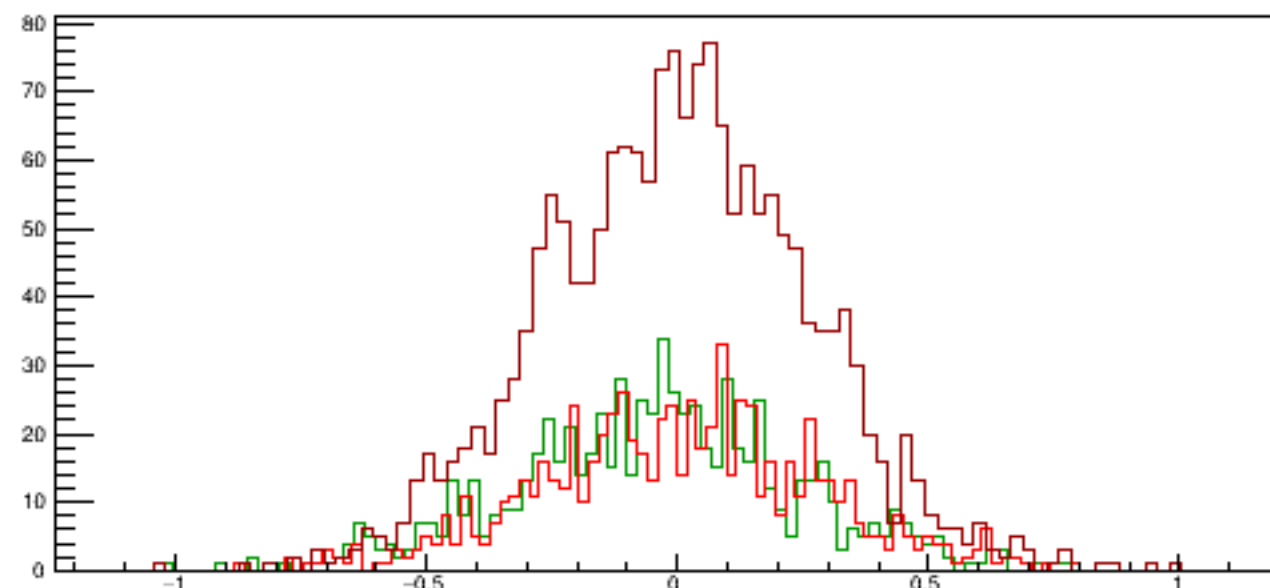
bcm:mpsCoda {mpsCoda>=454479 && mpsCoda<=492382}



Cycle 4, Diffs

Entries: 749	Entries: 747	Entries: 1813
Mean: -0.0018 +/- 0.0102	Mean: -0.0453 +/- 0.0105	Mean: -0.0007 +/- 0.0062
Std Dev: 0.2780 +/- 0.0072	Std Dev: 0.2881 +/- 0.0075	Std Dev: 0.2628 +/- 0.0044

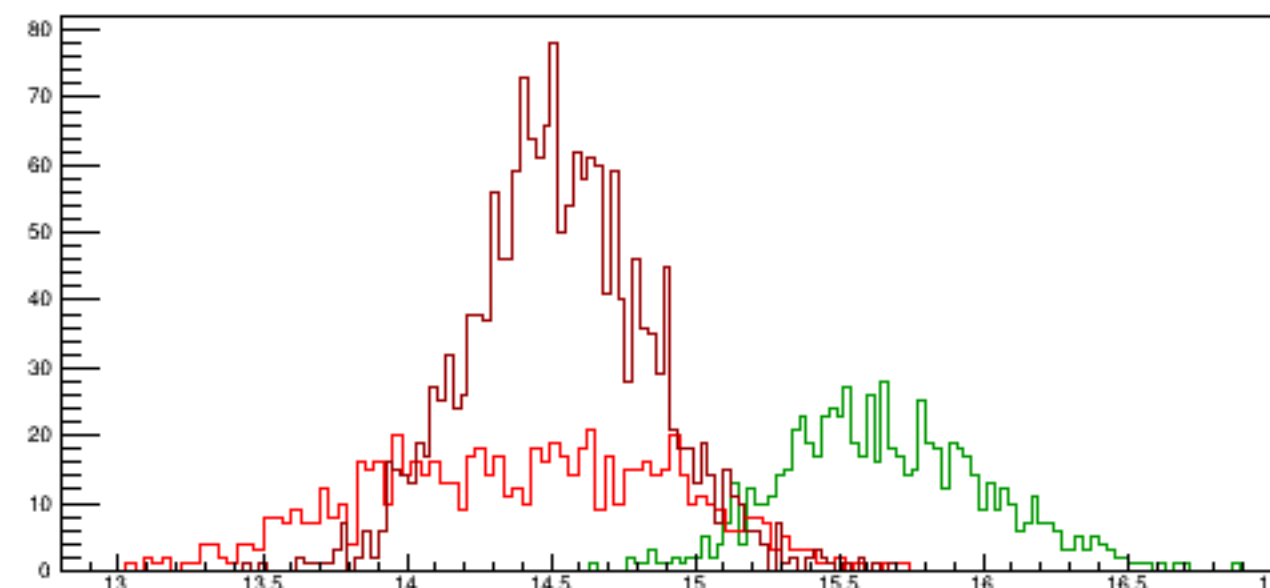
Run 4301 quartetwise, Diffs



Cycle 4, Sums

Entries: 749	Entries: 747	Entries: 1813
Mean: 14.3868 +/- 0.0190	Mean: 15.6621 +/- 0.0129	Mean: 14.5316 +/- 0.0073
Std Dev: 0.5212 +/- 0.0135	Std Dev: 0.3513 +/- 0.0091	Std Dev: 0.3104 +/- 0.0052

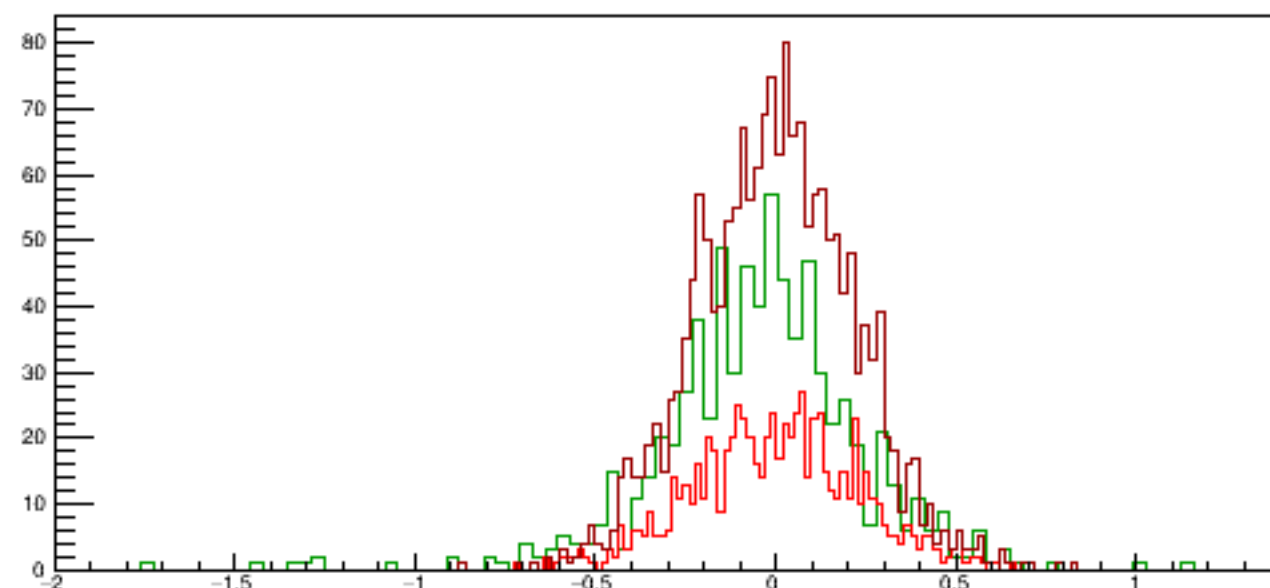
Run 4301 quartetwise, Sums



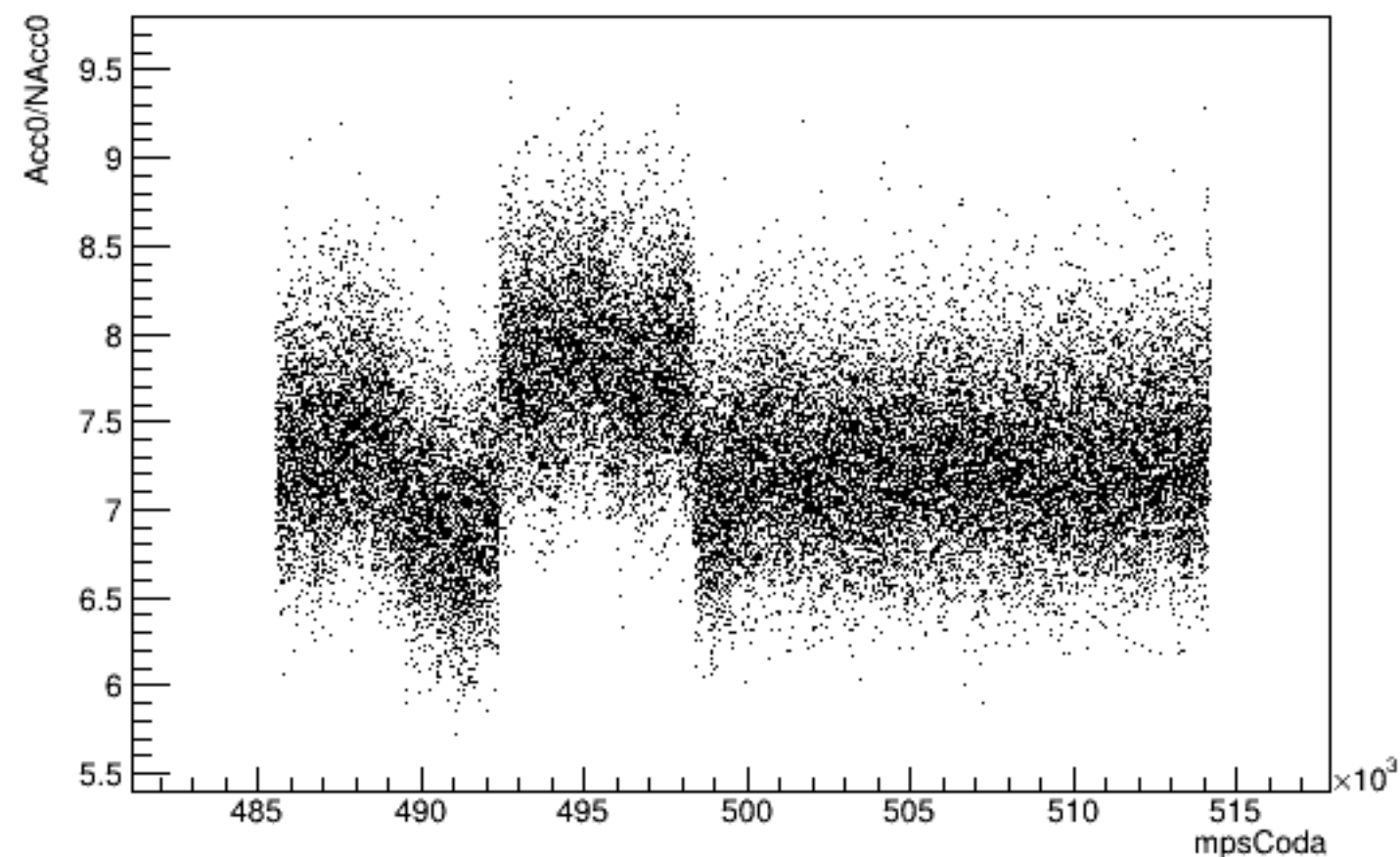
Cycle 4, Asyms

Entries: 749	Entries: 747	Entries: 1813
Mean: -0.0015 +/- 0.0084	Mean: -0.0447 +/- 0.0105	Mean: -0.0006 +/- 0.0051
Std Dev: 0.2311 +/- 0.0060	Std Dev: 0.2877 +/- 0.0074	Std Dev: 0.2185 +/- 0.0036

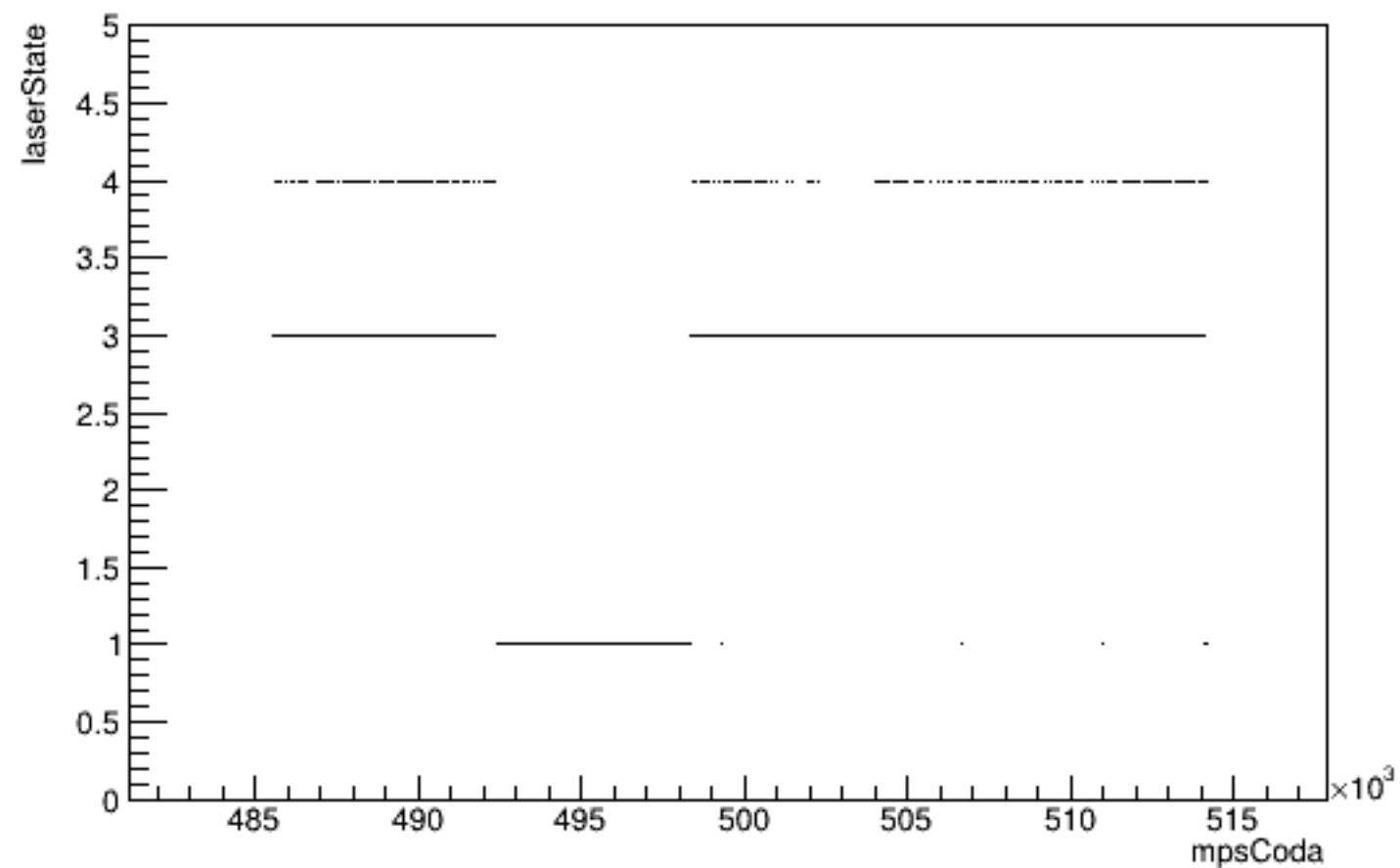
Run 4301 quartetwise, Asyms



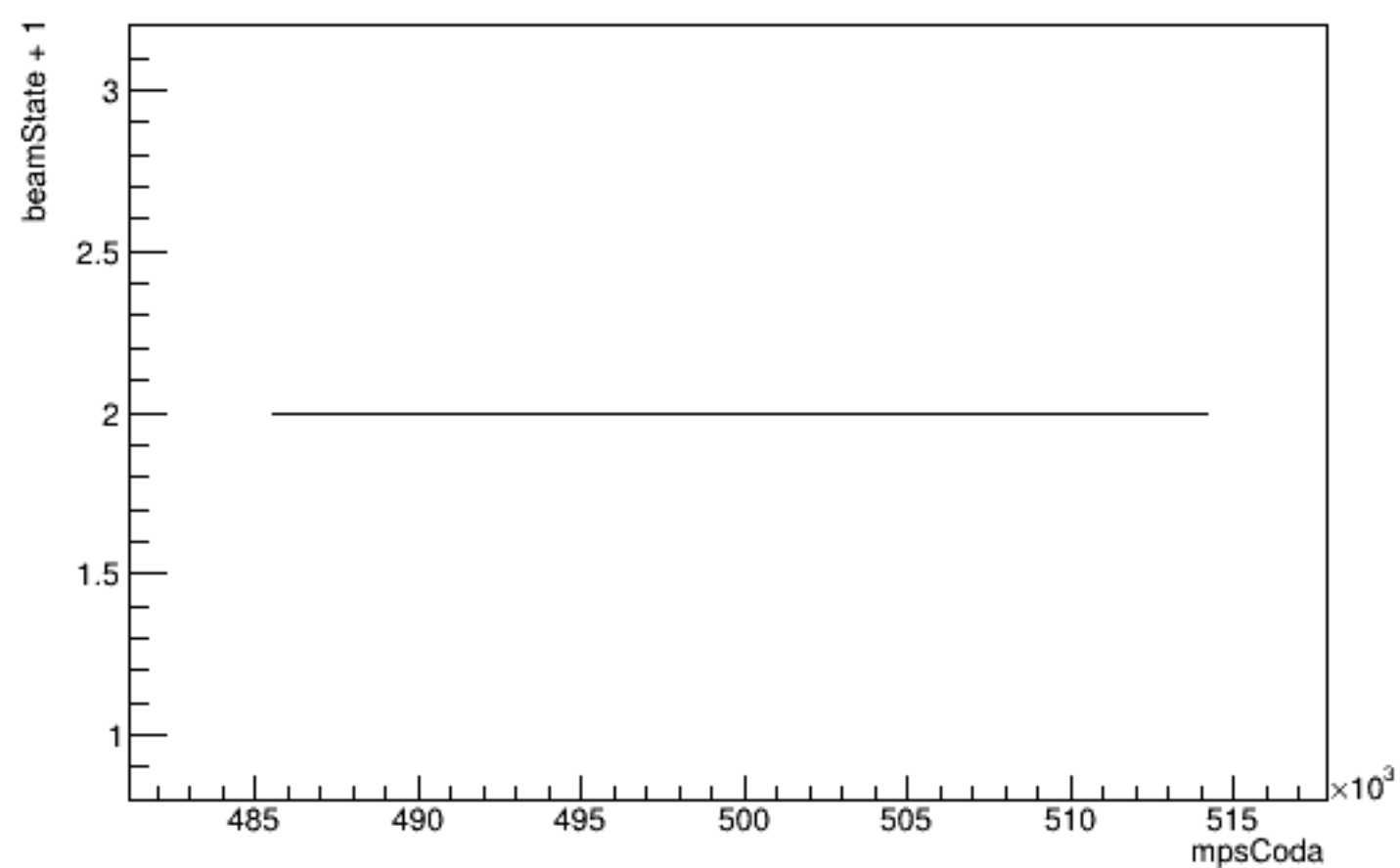
Acc0/NAcc0:mpsCoda (mpsCoda>=485559 && mpsCoda<=514182 && beamState==1)



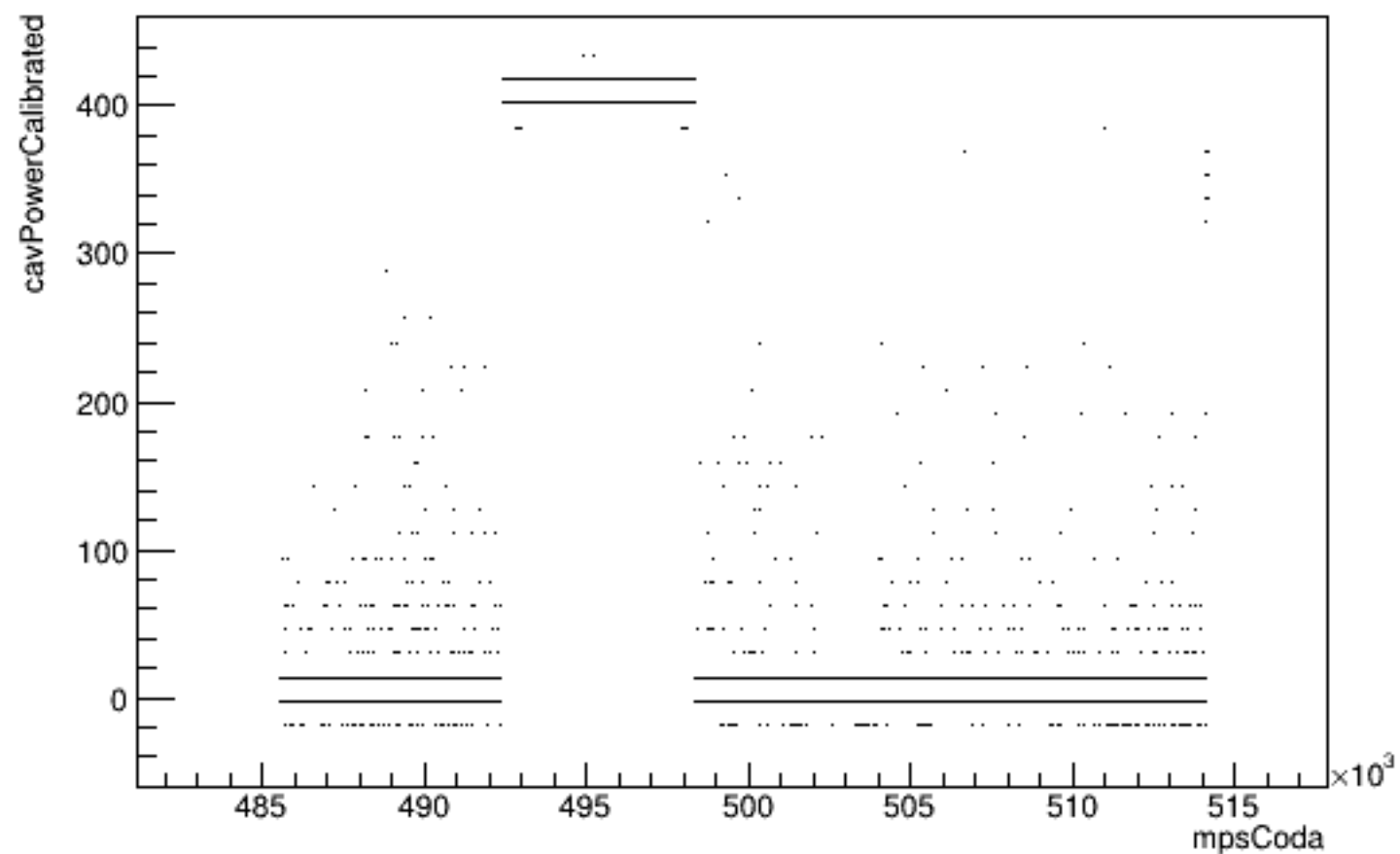
laserState:mpsCoda {mpsCoda>=485559 && mpsCoda<=514182}



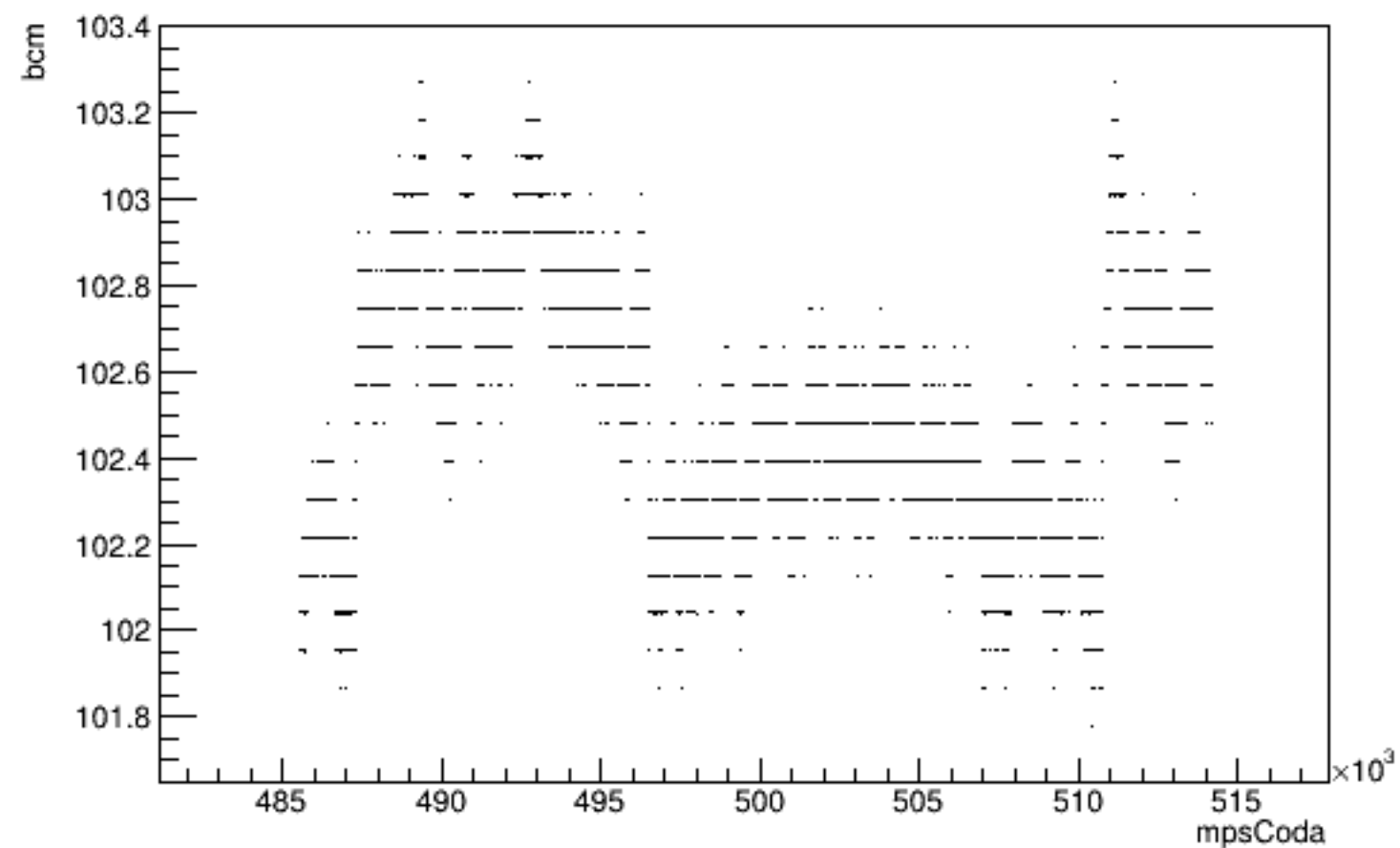
beamState + 1:mpsCoda {mpsCoda>=485559 && mpsCoda<=514182}



cavPowerCalibrated:mpsCoda {mpsCoda>=485559 && mpsCoda<=514182}



bcm:mpsCoda {mpsCoda>=485559 && mpsCoda<=514182}



Cycle 5, Diffs

Entries: 1813

Mean: -0.0007 +/- 0.0062

Std Dev: 0.2628 +/- 0.0044

Entries: 1051

Mean: -0.0090 +/- 0.0088

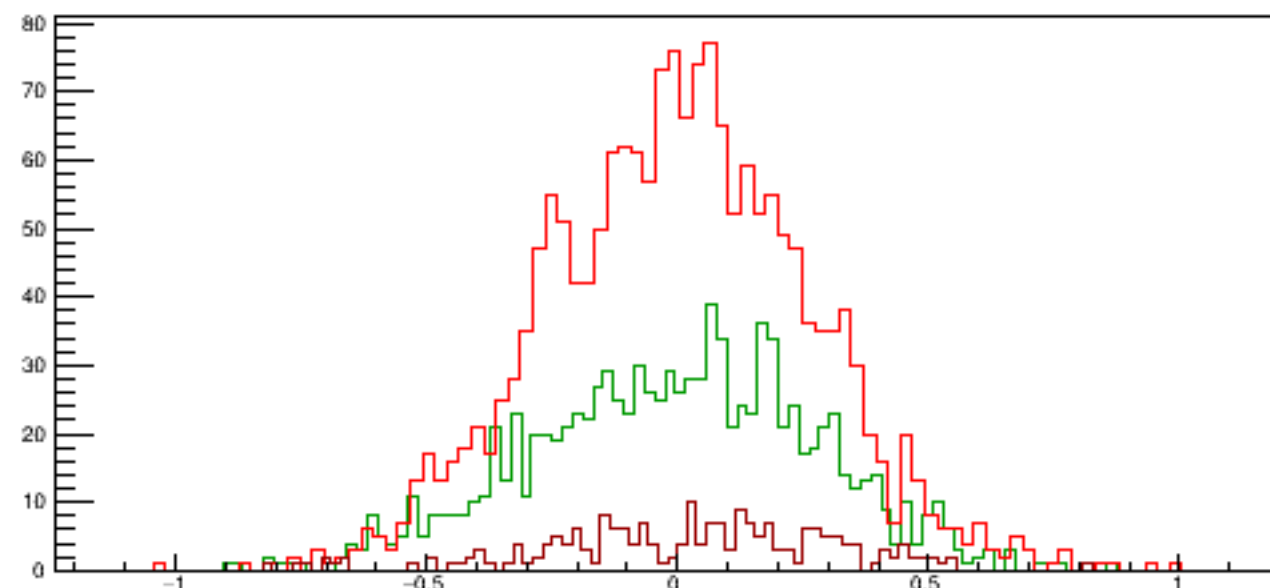
Std Dev: 0.2843 +/- 0.0062

Entries: 208

Mean: 0.0222 +/- 0.0198

Std Dev: 0.2855 +/- 0.0140

Run 4301 quartetwise, Diffs



Cycle 5, Sums

Entries: 1813

Mean: 14.5316 +/- 0.0073

Std Dev: 0.3104 +/- 0.0052

Entries: 1051

Mean: 15.7448 +/- 0.0099

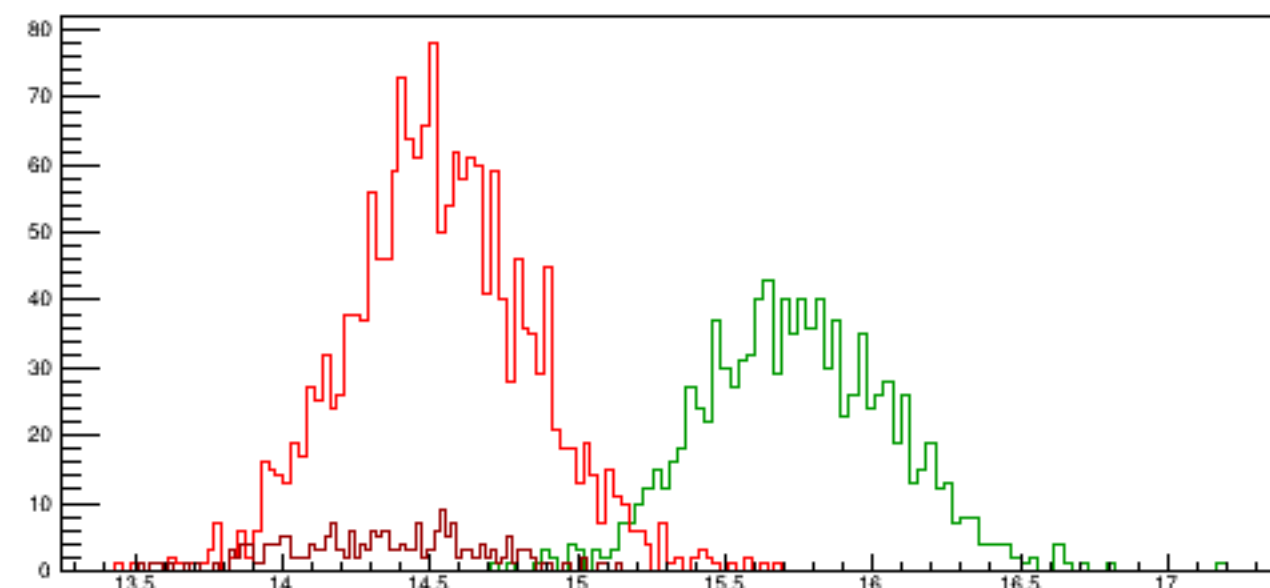
Std Dev: 0.3225 +/- 0.0070

Entries: 208

Mean: 14.3386 +/- 0.0225

Std Dev: 0.3238 +/- 0.0159

Run 4301 quartetwise, Sums



Cycle 5, Asyms

Entries: 1813

Mean: -0.0006 +/- 0.0047

Std Dev: 0.2007 +/- 0.0033

Entries: 1051

Mean: -0.0061 +/- 0.0072

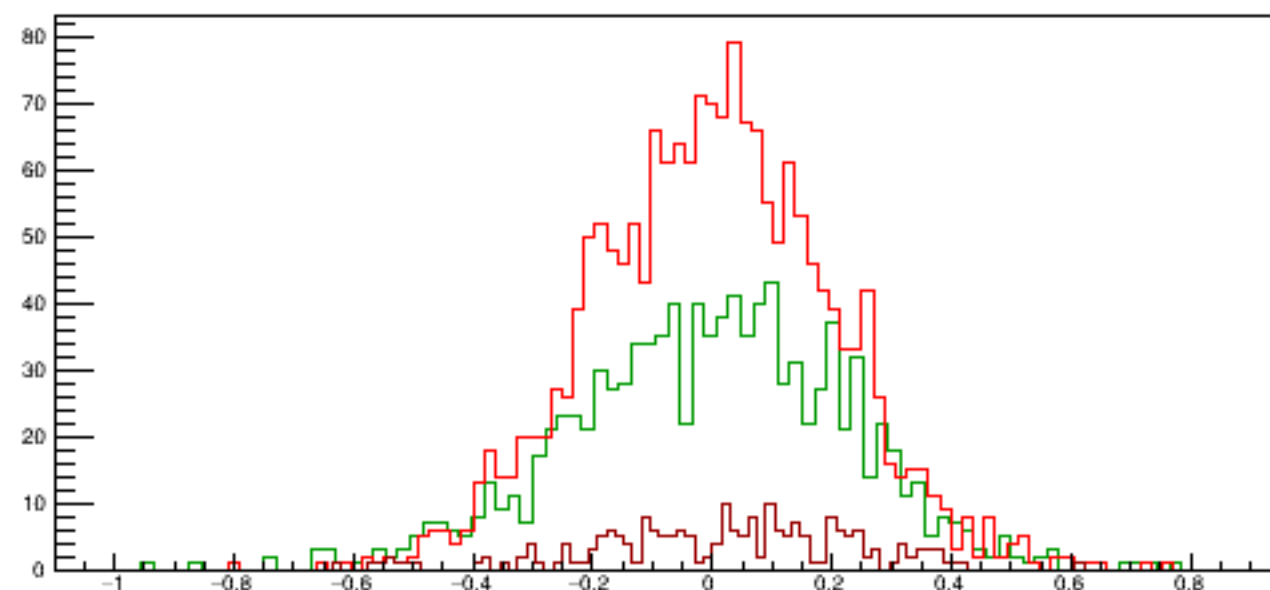
Std Dev: 0.2333 +/- 0.0051

Entries: 208

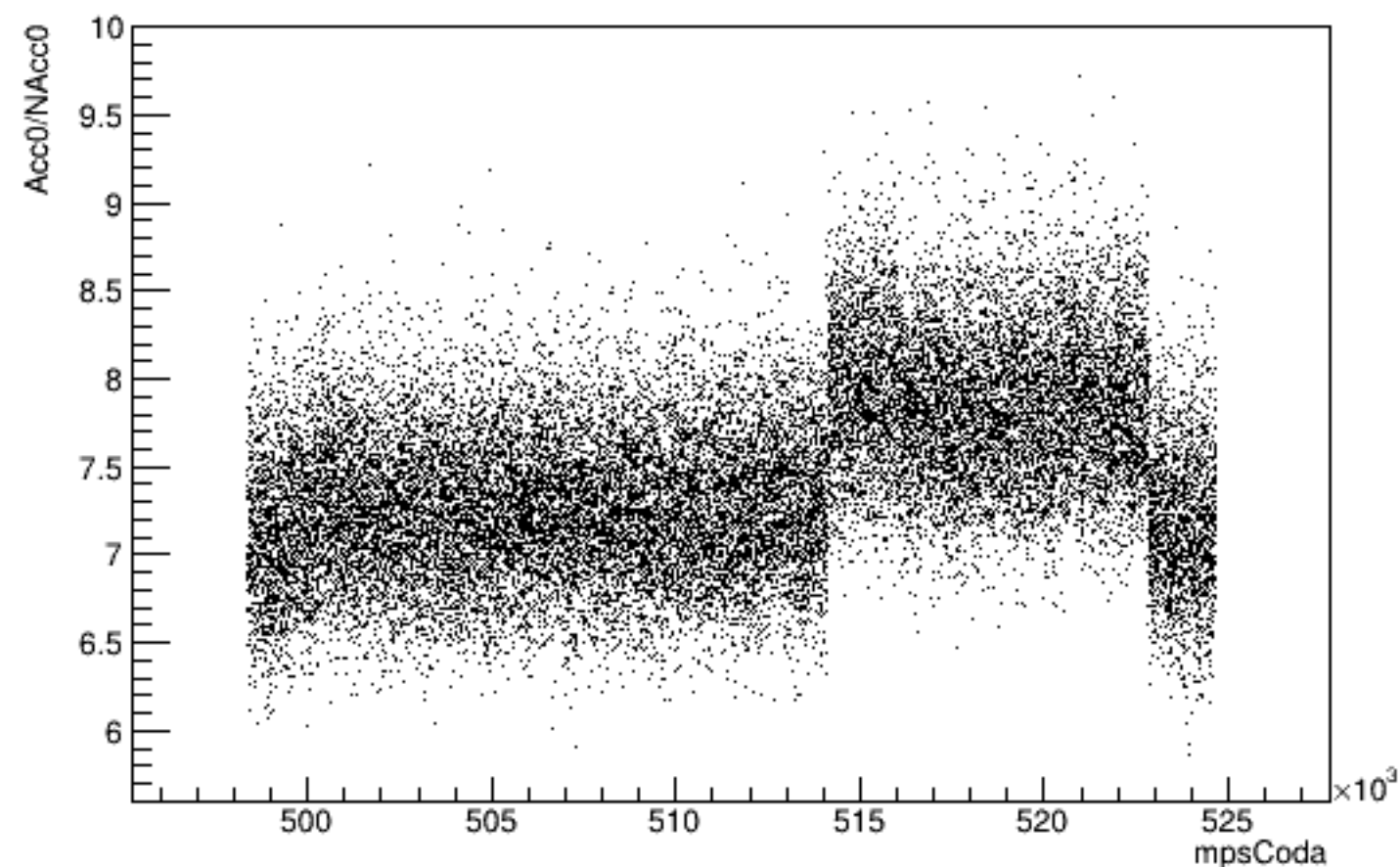
Mean: 0.0169 +/- 0.0151

Std Dev: 0.2180 +/- 0.0107

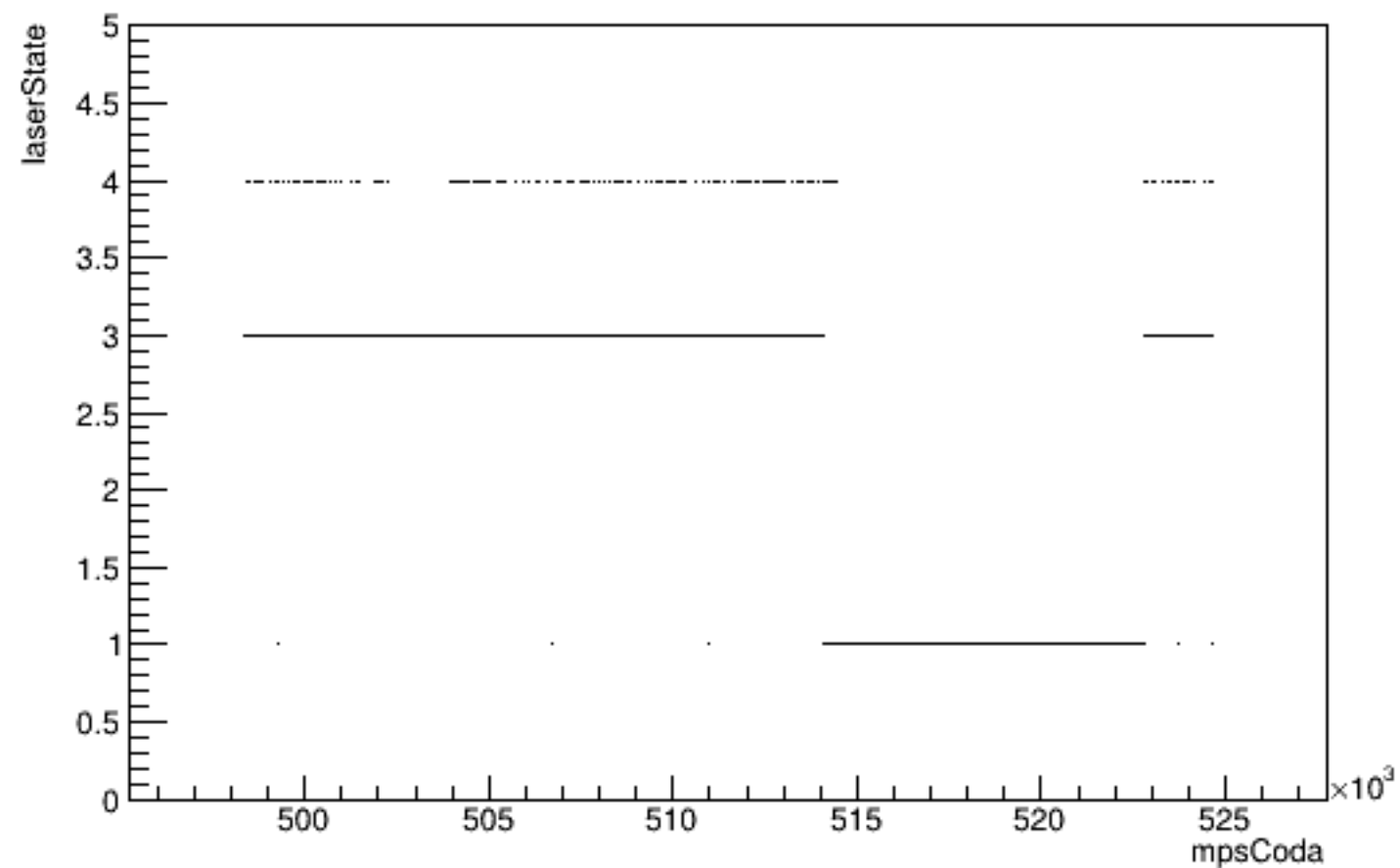
Run 4301 quartetwise, Asyms



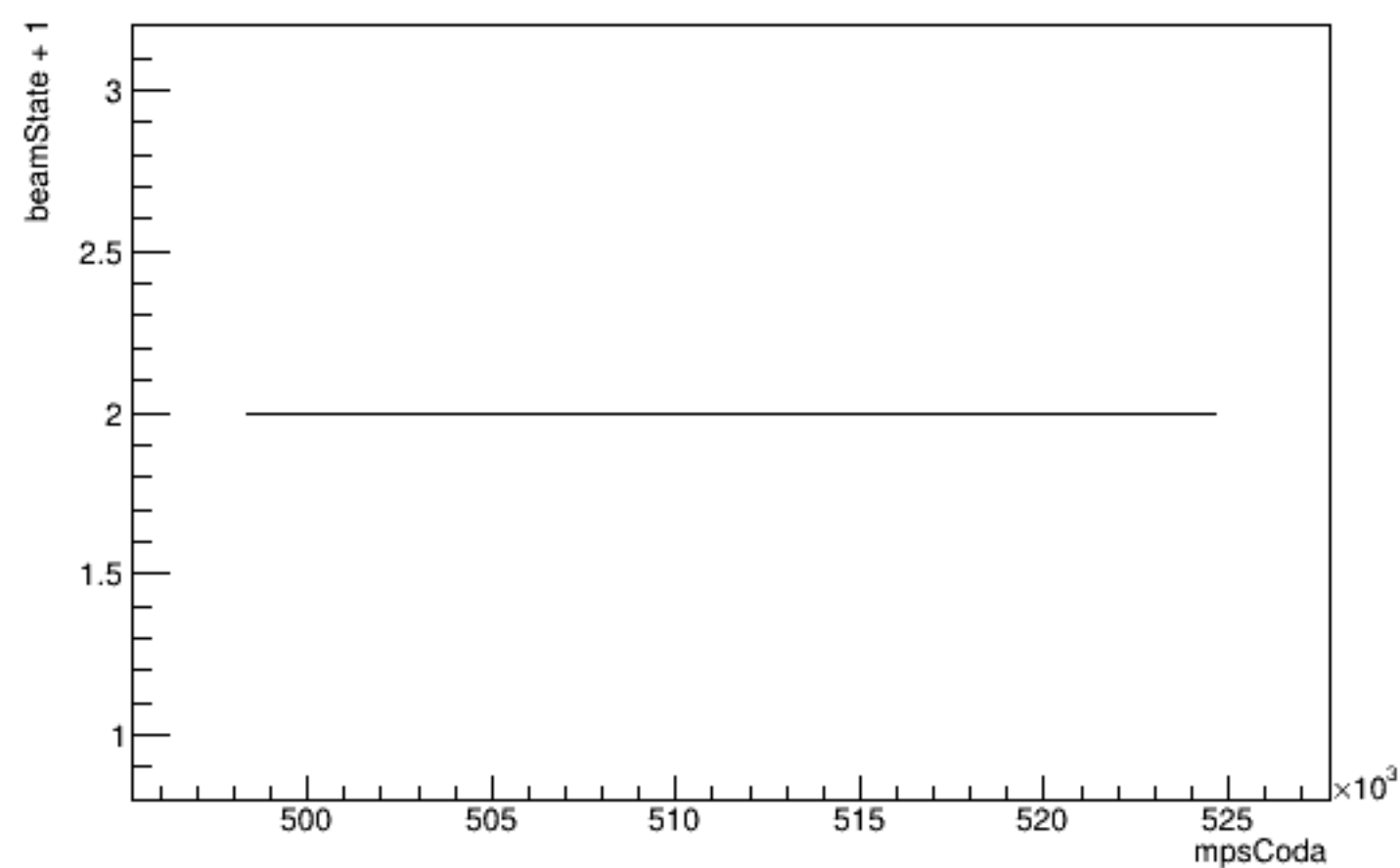
Acc0/NAcc0:mpsCoda (mpsCoda>=498367 && mpsCoda<=524670 && beamState==1)



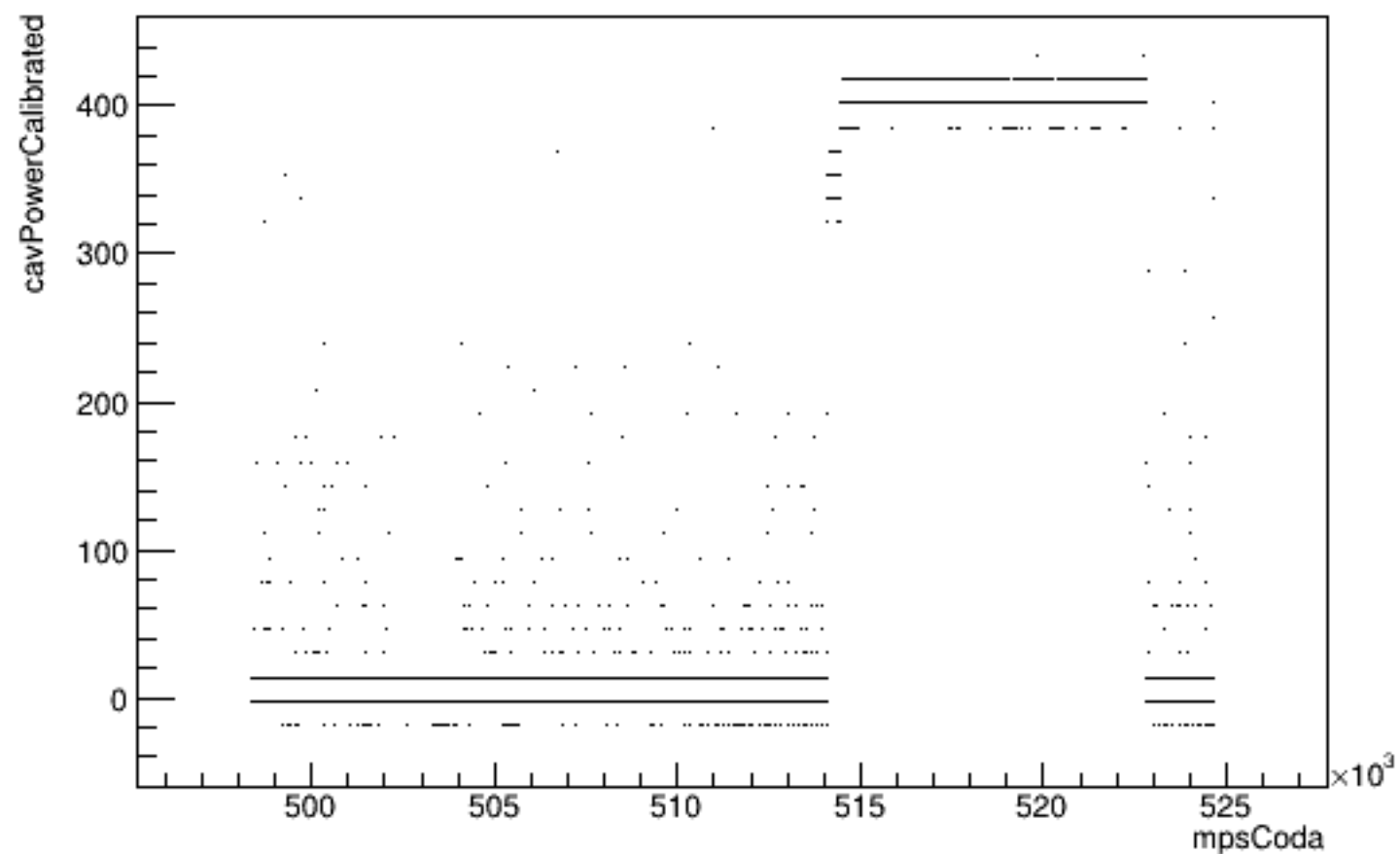
laserState:mpsCoda {mpsCoda>=498367 && mpsCoda<=524670}



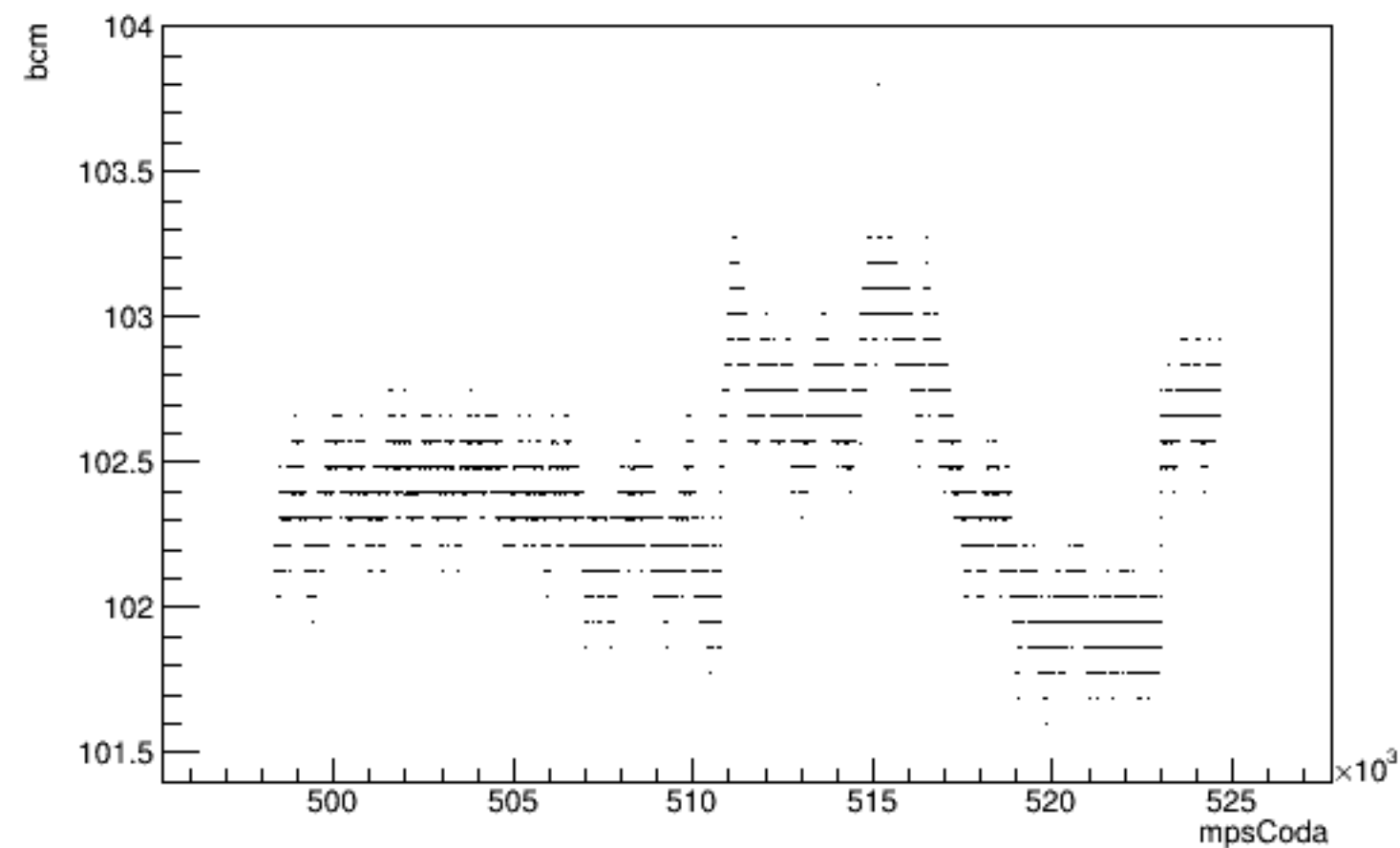
beamState + 1:mpsCoda {mpsCoda>=498367 && mpsCoda<=524670}



cavPowerCalibrated:mpsCoda {mpsCoda>=498367 && mpsCoda<=524670}



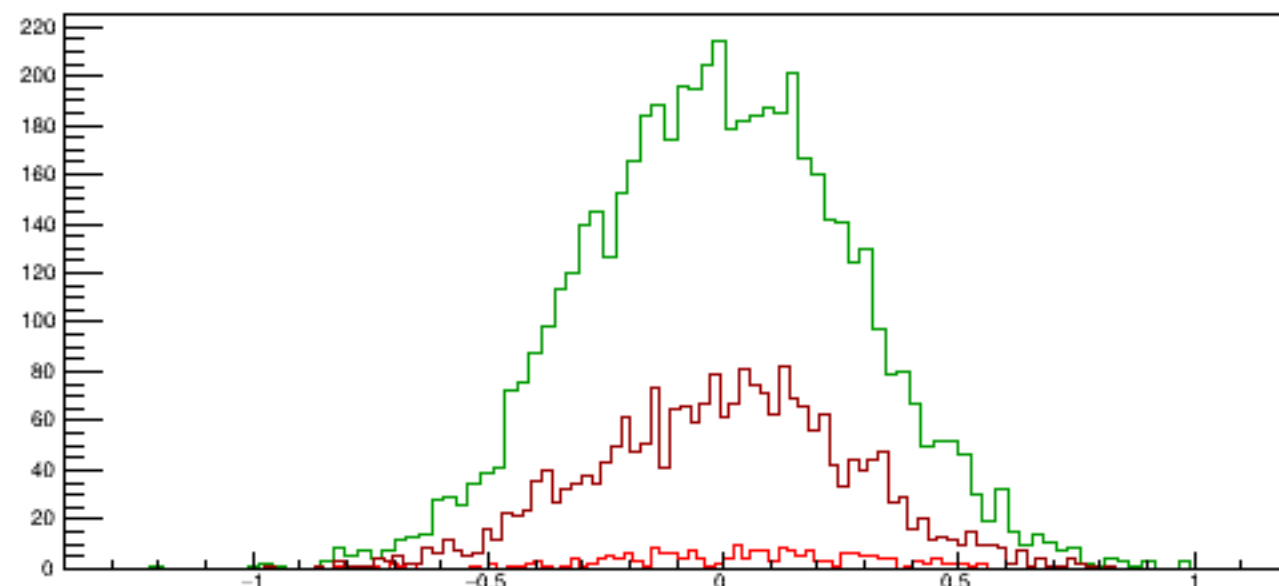
bcm:mpsCoda {mpsCoda>=498367 && mpsCoda<=524670}



Cycle 6, Diffs

Entries: 208	Entries: 5595	Entries: 2321
Mean: 0.0222 +/- 0.0198	Mean: -0.0101 +/- 0.0038	Mean: -0.0019 +/- 0.0056
Std Dev: 0.2855 +/- 0.0140	Std Dev: 0.2841 +/- 0.0027	Std Dev: 0.2719 +/- 0.0040

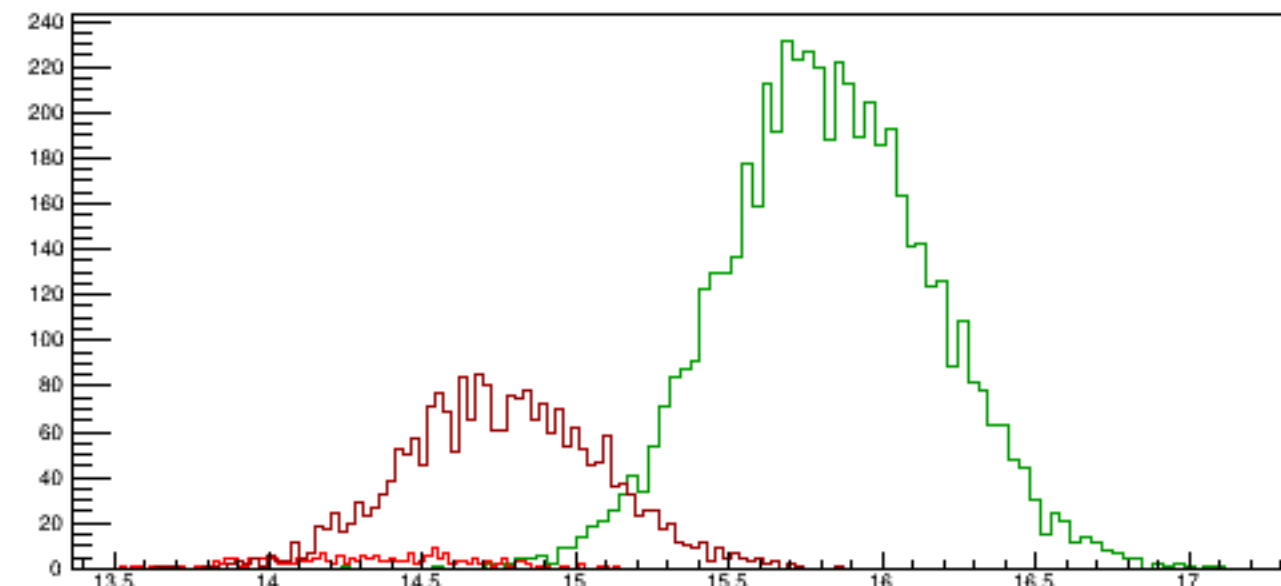
Run 4301 quartetwise, Diffs



Cycle 6, Sums

Entries: 208	Entries: 5595	Entries: 2321
Mean: 14.3386 +/- 0.0225	Mean: 15.8232 +/- 0.0046	Mean: 14.7604 +/- 0.0066
Std Dev: 0.3238 +/- 0.0159	Std Dev: 0.3435 +/- 0.0032	Std Dev: 0.3159 +/- 0.0046

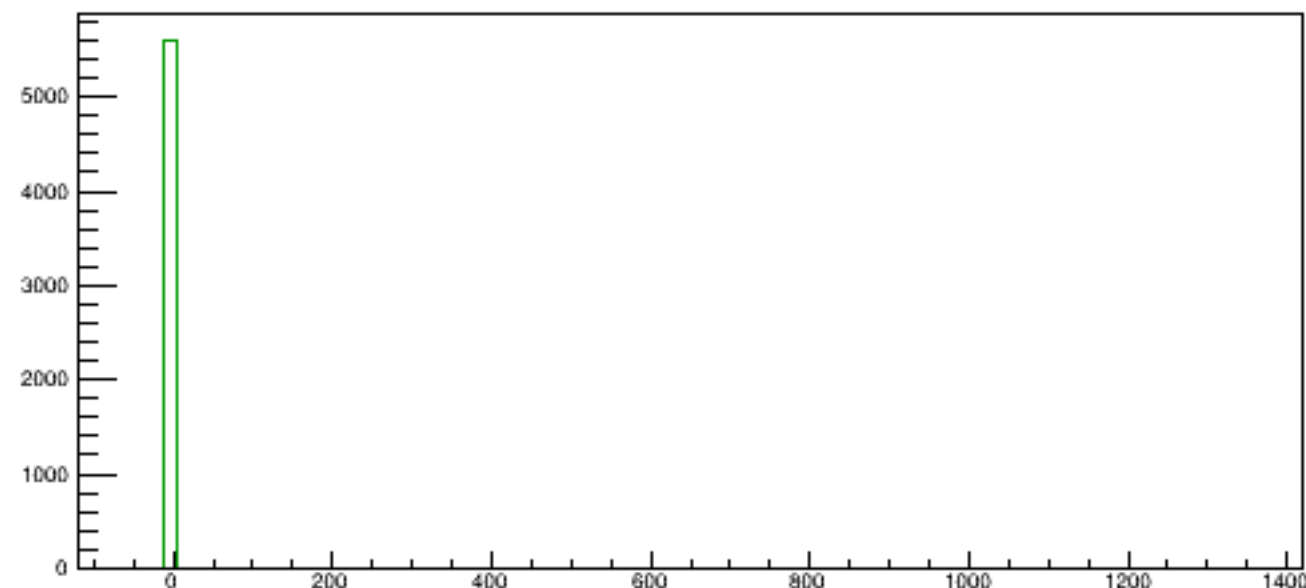
Run 4301 quartetwise, Sums



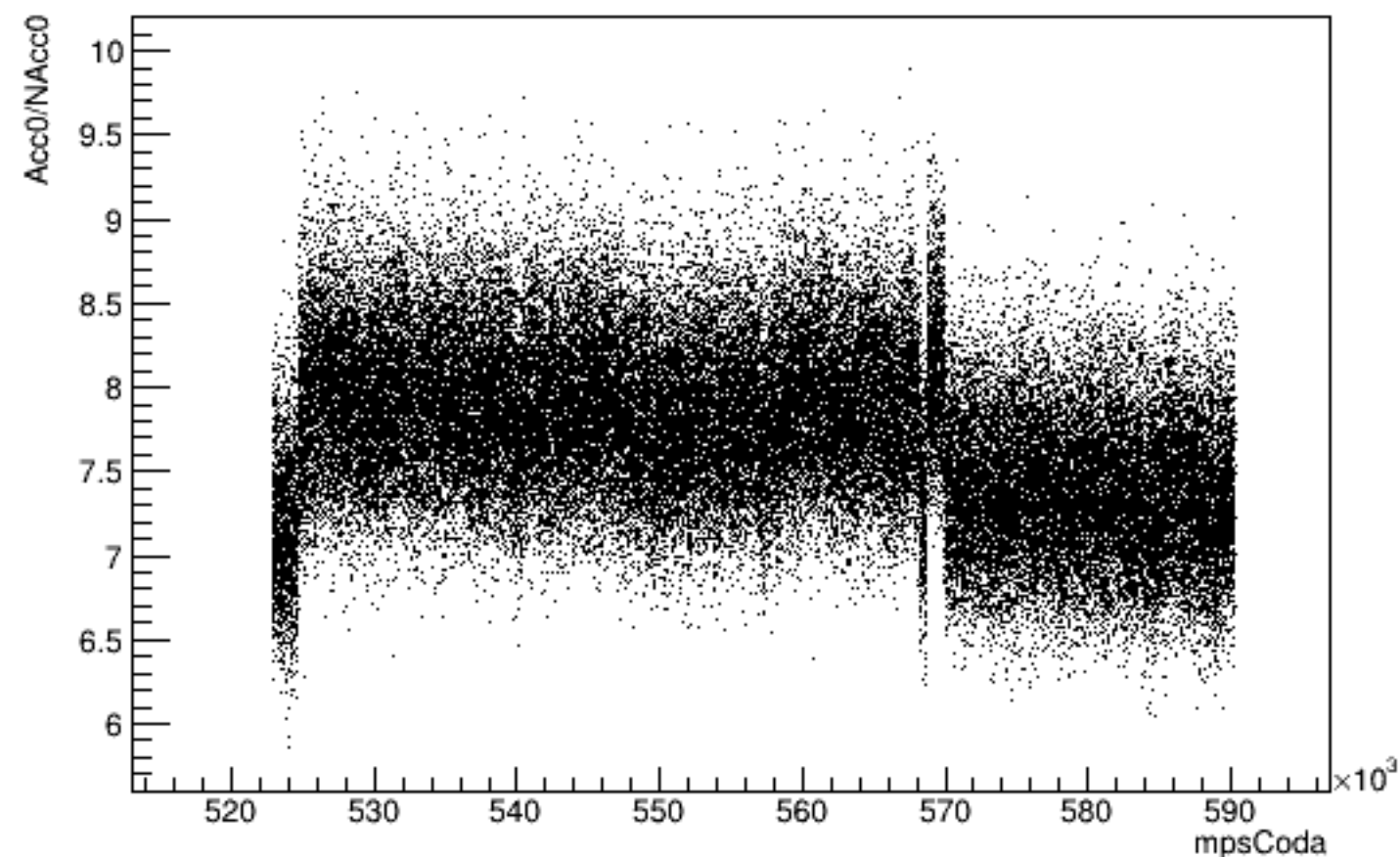
Cycle 6, Asyms

Entries: 208	Entries: 5595	Entries: 2321
Mean: 0.0174 +/- 0.0155	Mean: 0.2216 +/- 0.2329	Mean: -0.0015 +/- 0.0044
Std Dev: 0.2242 +/- 0.0110	Std Dev: 17.4241 +/- 0.1647	Std Dev: 0.2135 +/- 0.0031

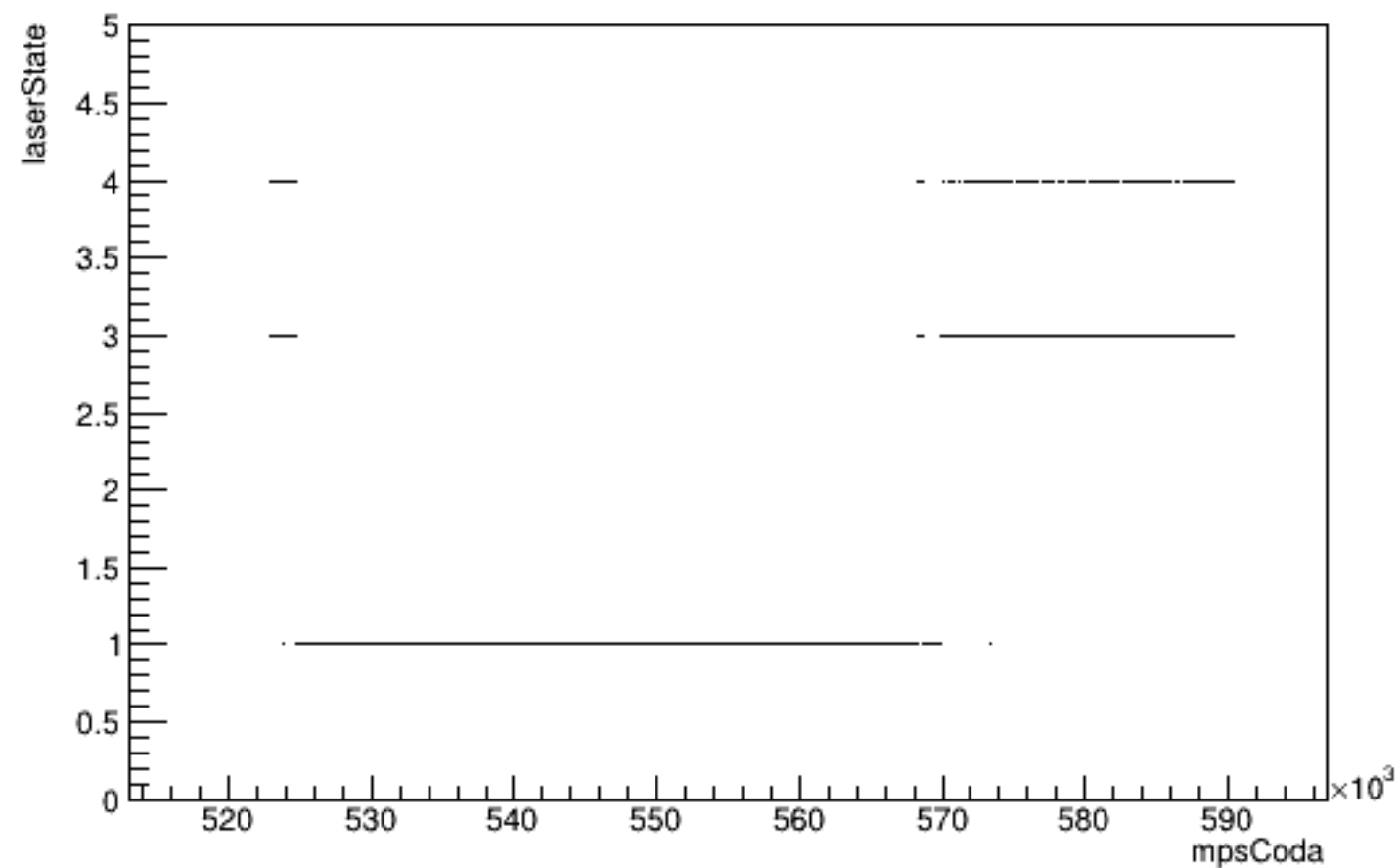
Run 4301 quartetwise, Asyms



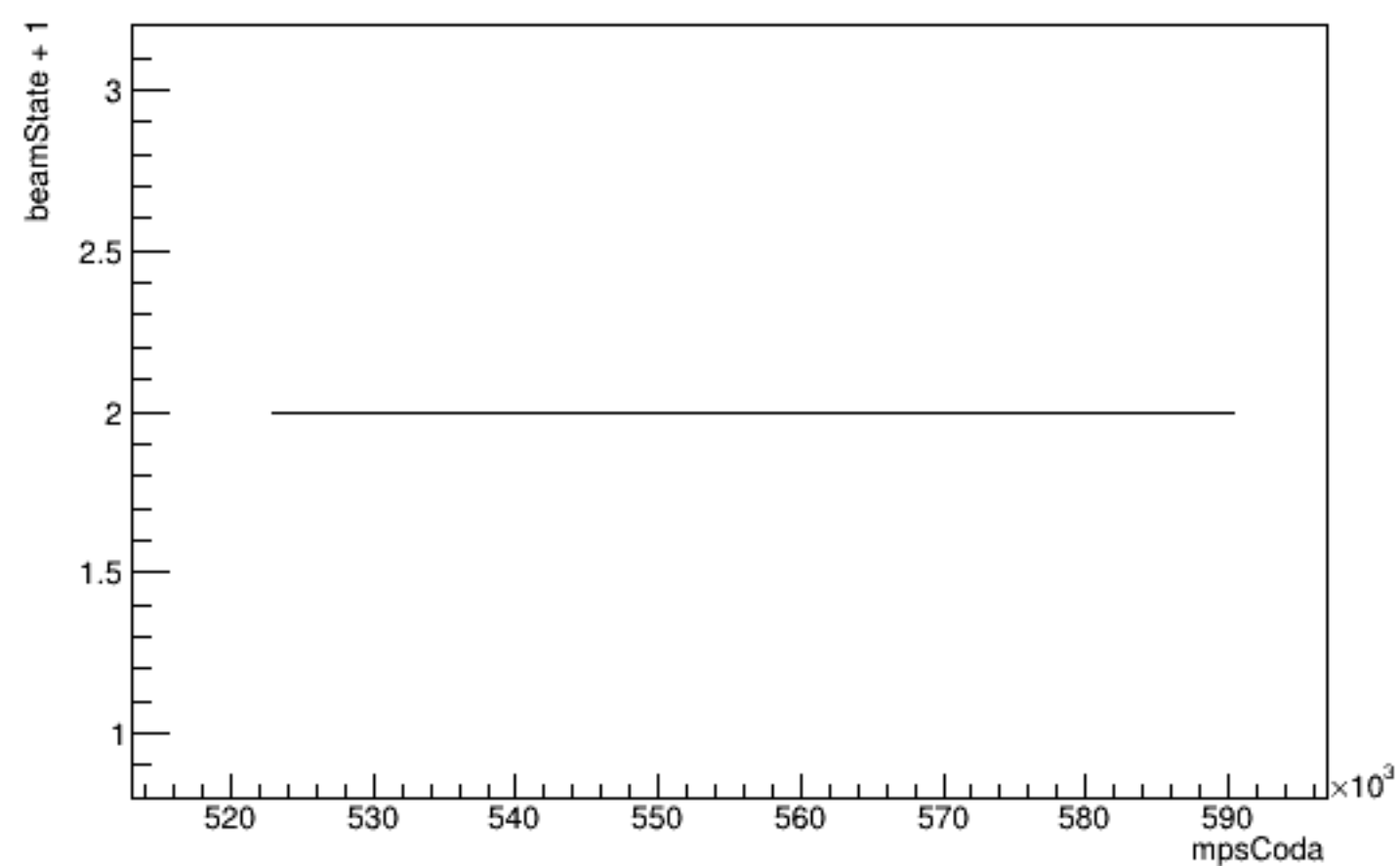
Acc0/NAcc0:mpsCoda (mpsCoda>=522831 && mpsCoda<=590310 && beamState==1)



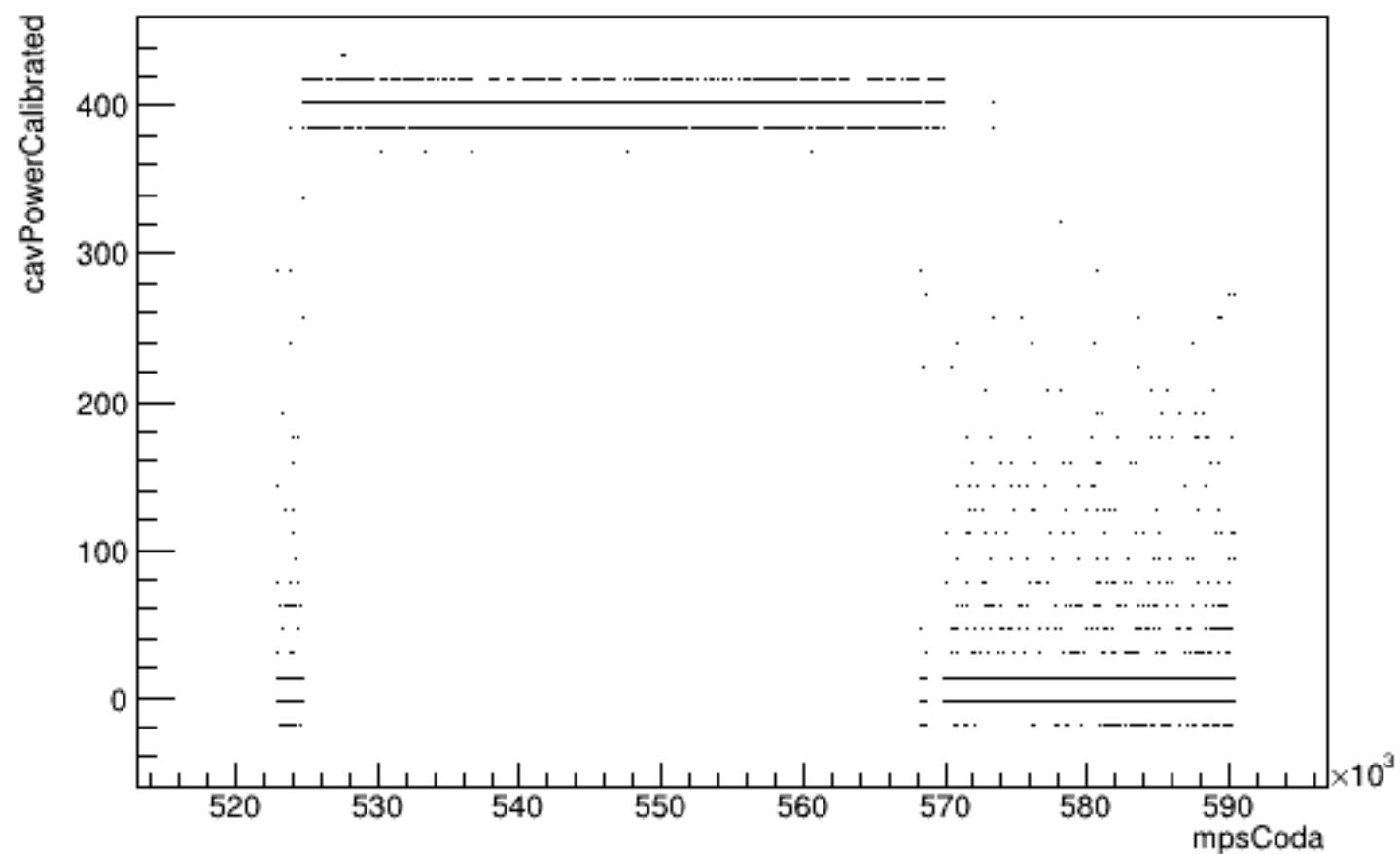
laserState:mpsCoda {mpsCoda>=522831 && mpsCoda<=590310}



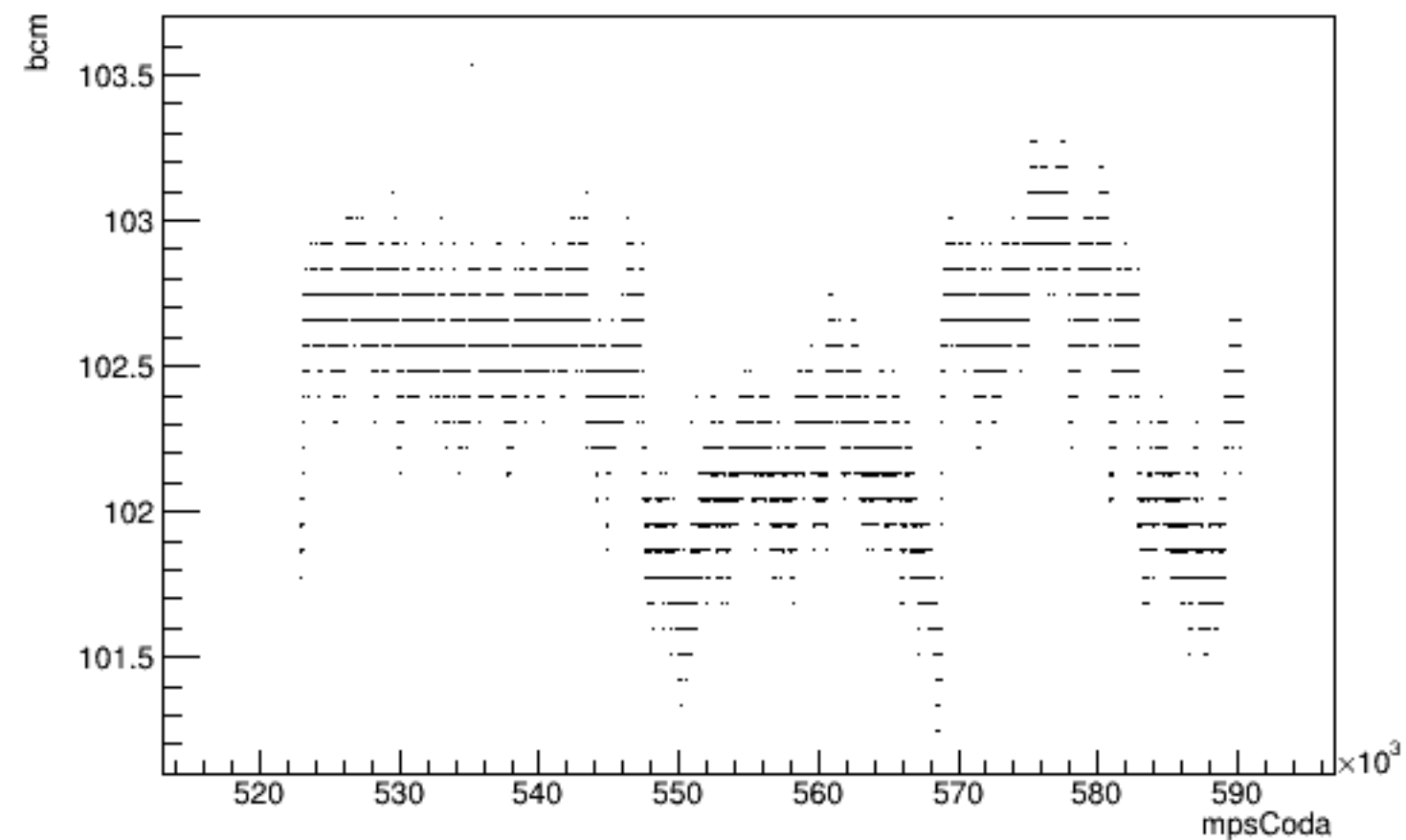
beamState + 1:mpsCoda {mpsCoda>=522831 && mpsCoda<=590310}



cavPowerCalibrated:mpsCoda {mpsCoda>=522831 && mpsCoda<=590310}



bcm:mpsCoda {mpsCoda>=522831 && mpsCoda<=590310}



Cycle 7, Diffs

Entries: 2321

Mean: -0.0019 +/- 0.0056

Std Dev: 0.2719 +/- 0.0040

Entries: 3490

Mean: -0.0255 +/- 0.0047

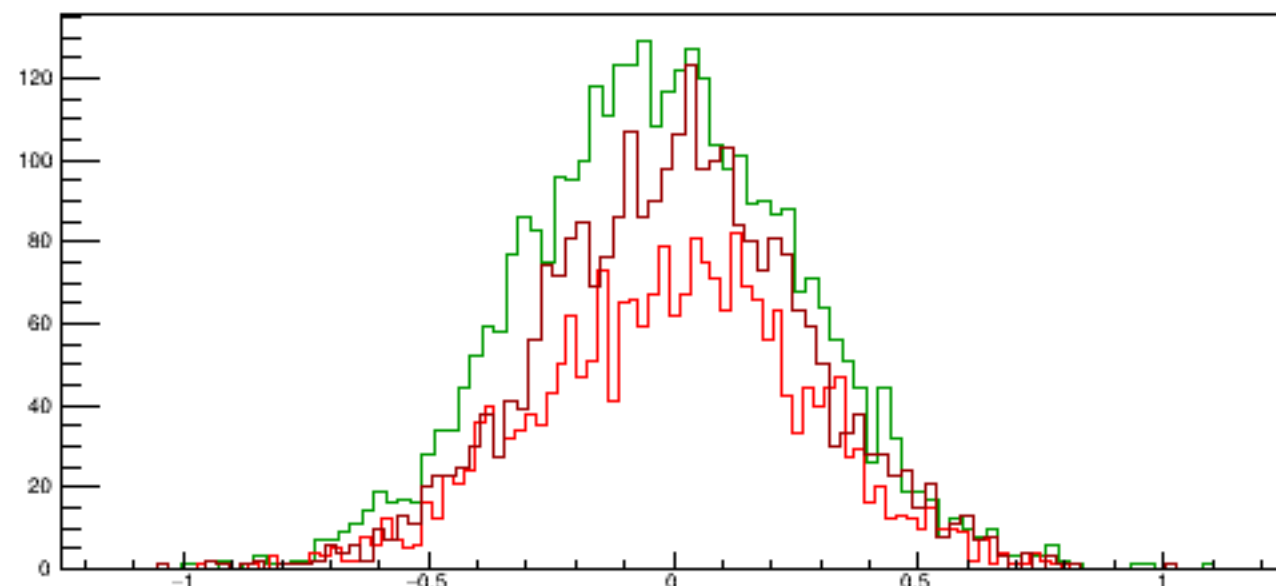
Std Dev: 0.2791 +/- 0.0033

Entries: 2714

Mean: 0.0021 +/- 0.0051

Std Dev: 0.2662 +/- 0.0036

Run 4301 quartetwise, Diffs



Cycle 7, Sums

Entries: 2321

Mean: 14.7604 +/- 0.0066

Std Dev: 0.3159 +/- 0.0046

Entries: 3490

Mean: 16.2377 +/- 0.0059

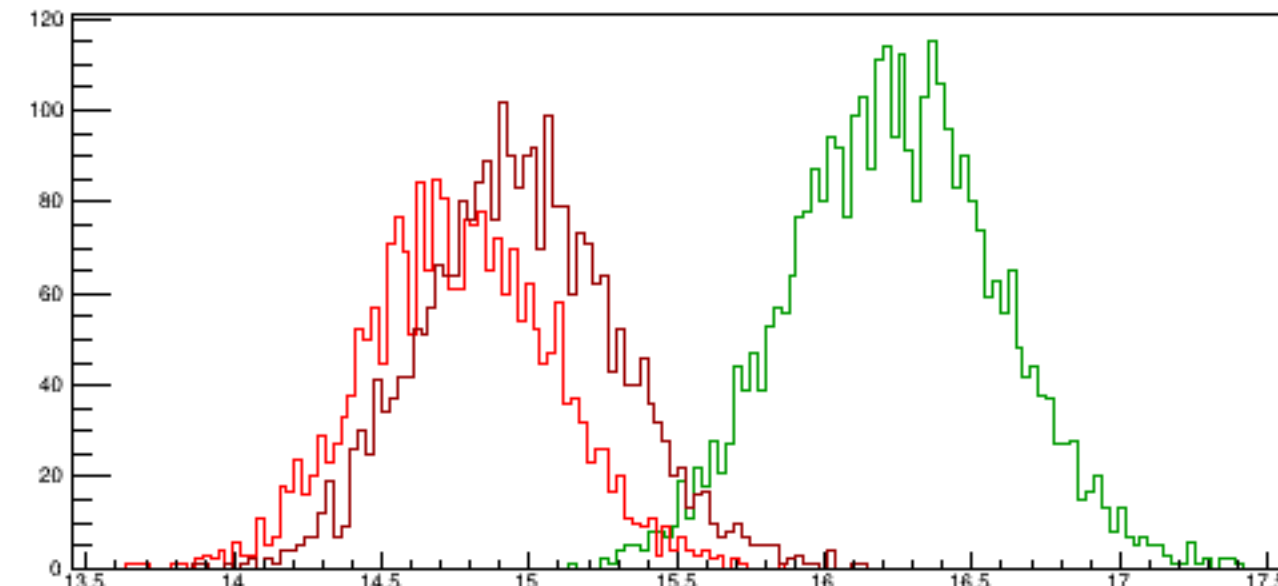
Std Dev: 0.3501 +/- 0.0042

Entries: 2714

Mean: 14.9700 +/- 0.0063

Std Dev: 0.3272 +/- 0.0044

Run 4301 quartetwise, Sums



Cycle 7, Asyms

Entries: 2321

Mean: -0.0014 +/- 0.0041

Std Dev: 0.1981 +/- 0.0029

Entries: 3490

Mean: -0.0201 +/- 0.0038

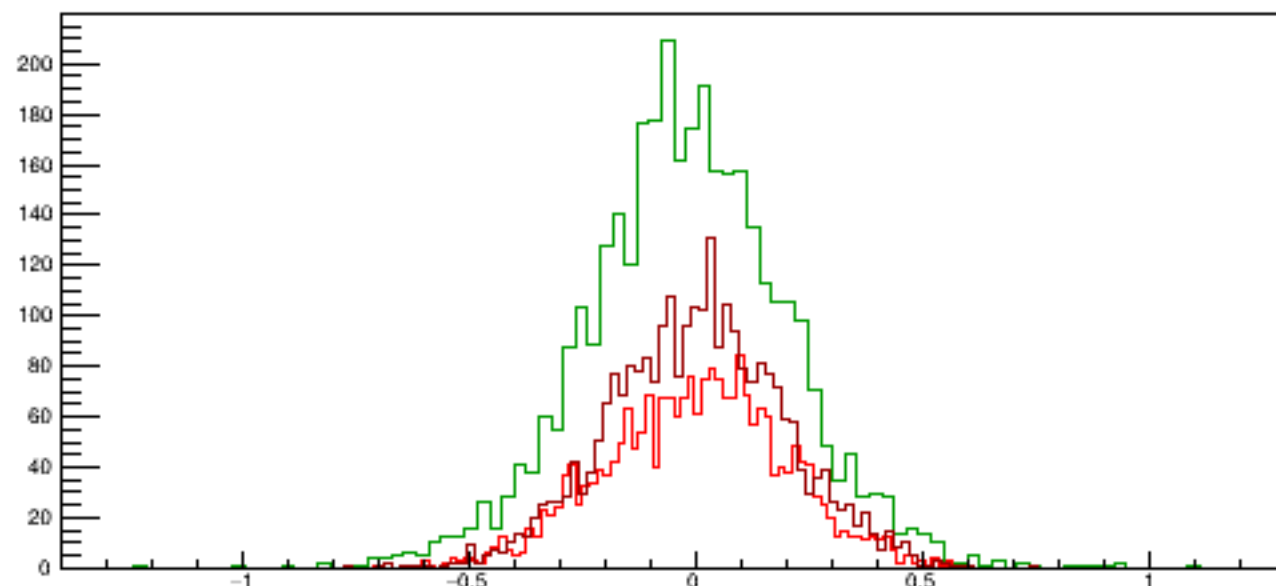
Std Dev: 0.2243 +/- 0.0027

Entries: 2714

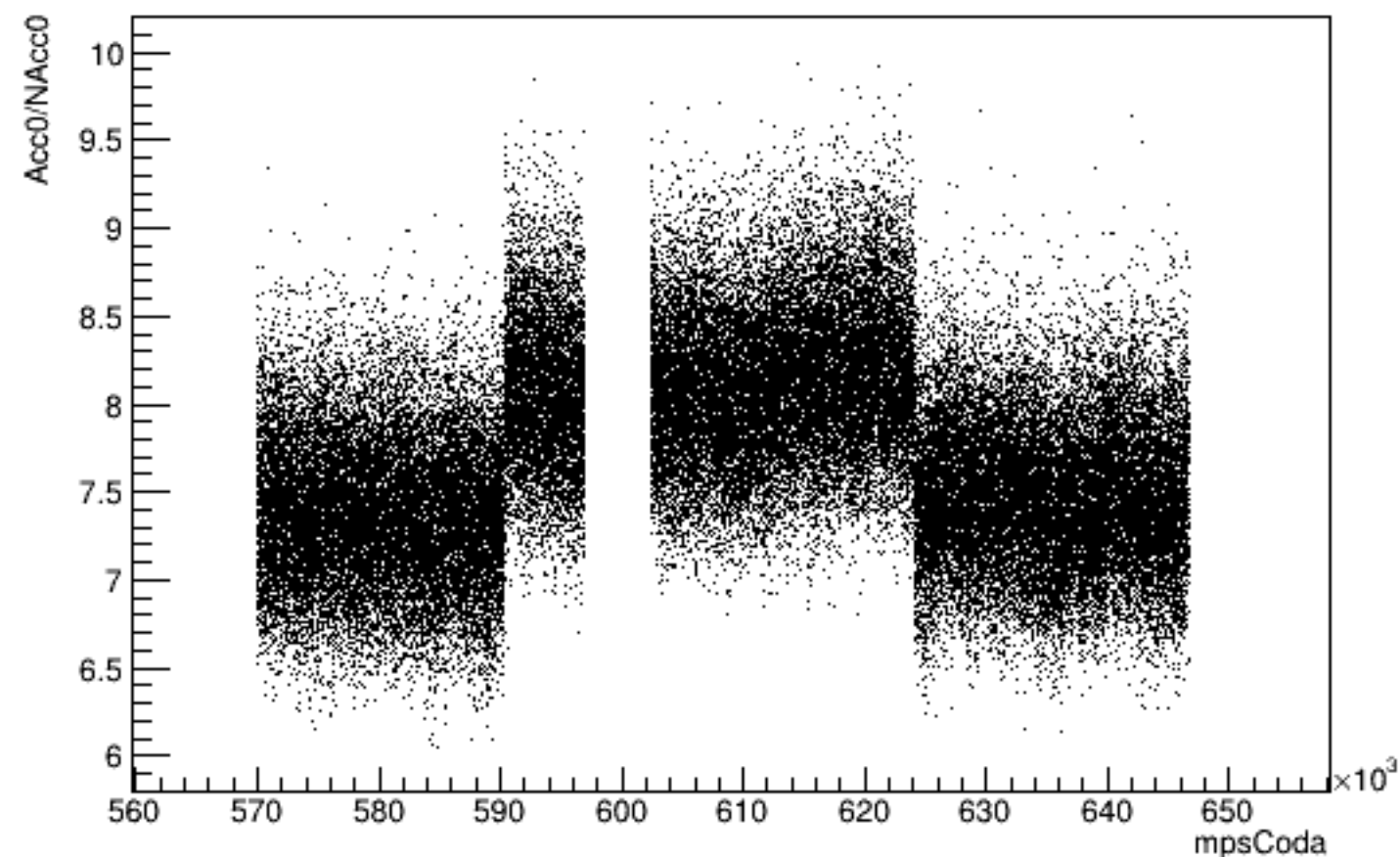
Mean: 0.0015 +/- 0.0037

Std Dev: 0.1940 +/- 0.0026

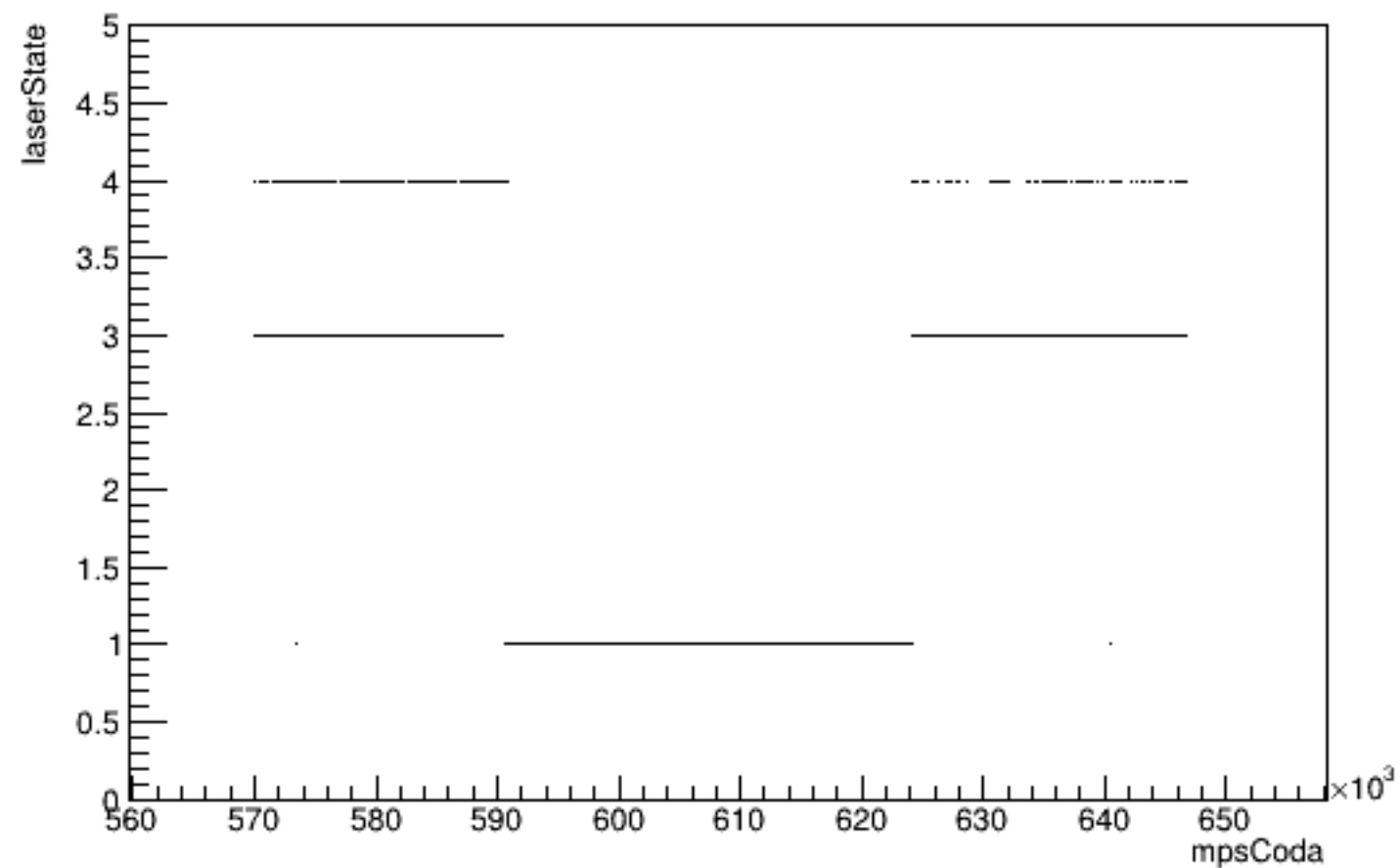
Run 4301 quartetwise, Asyms



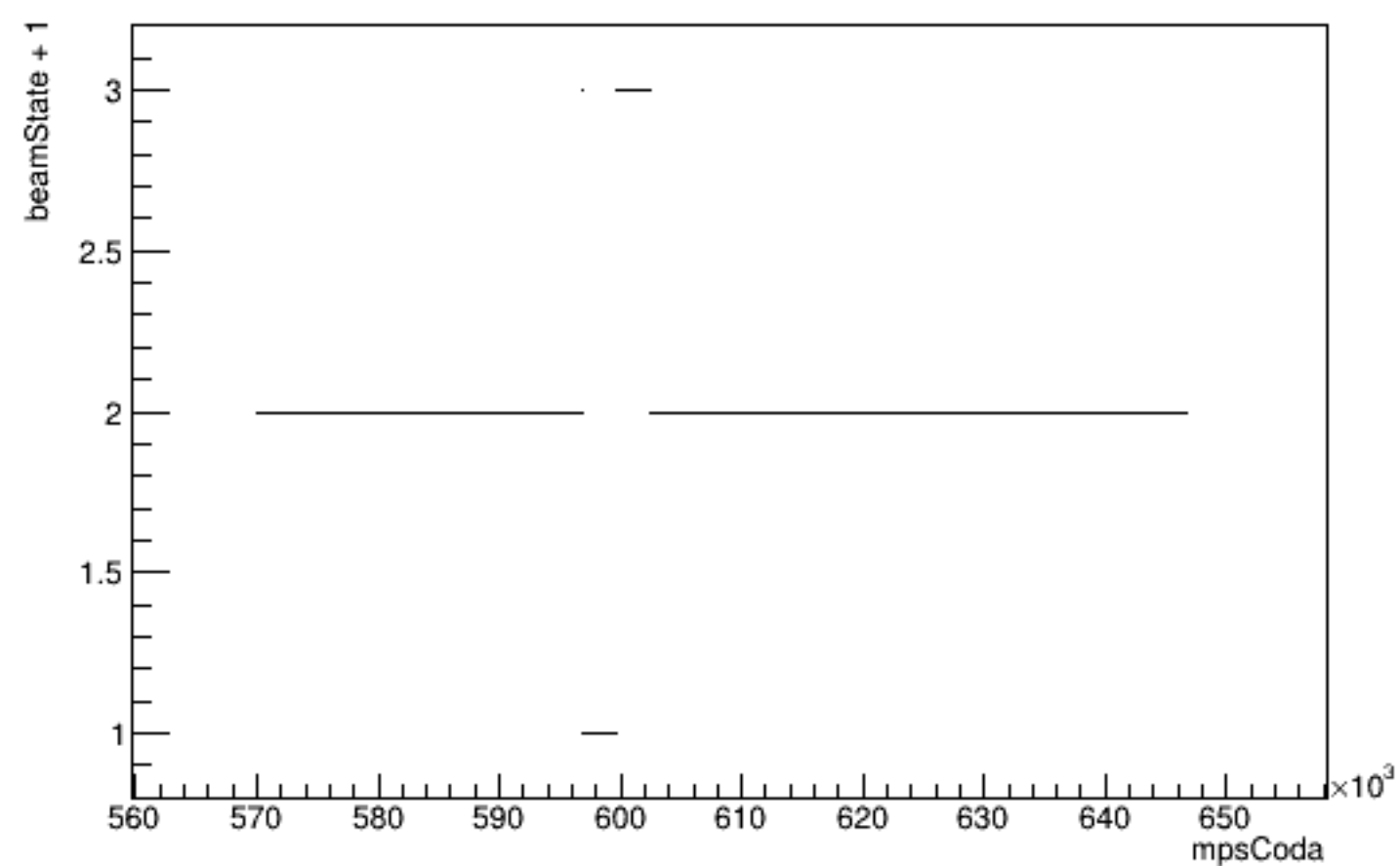
Acc0/NAcc0:mpsCoda (mpsCoda>=569959 && mpsCoda<=646670 && beamState==1)



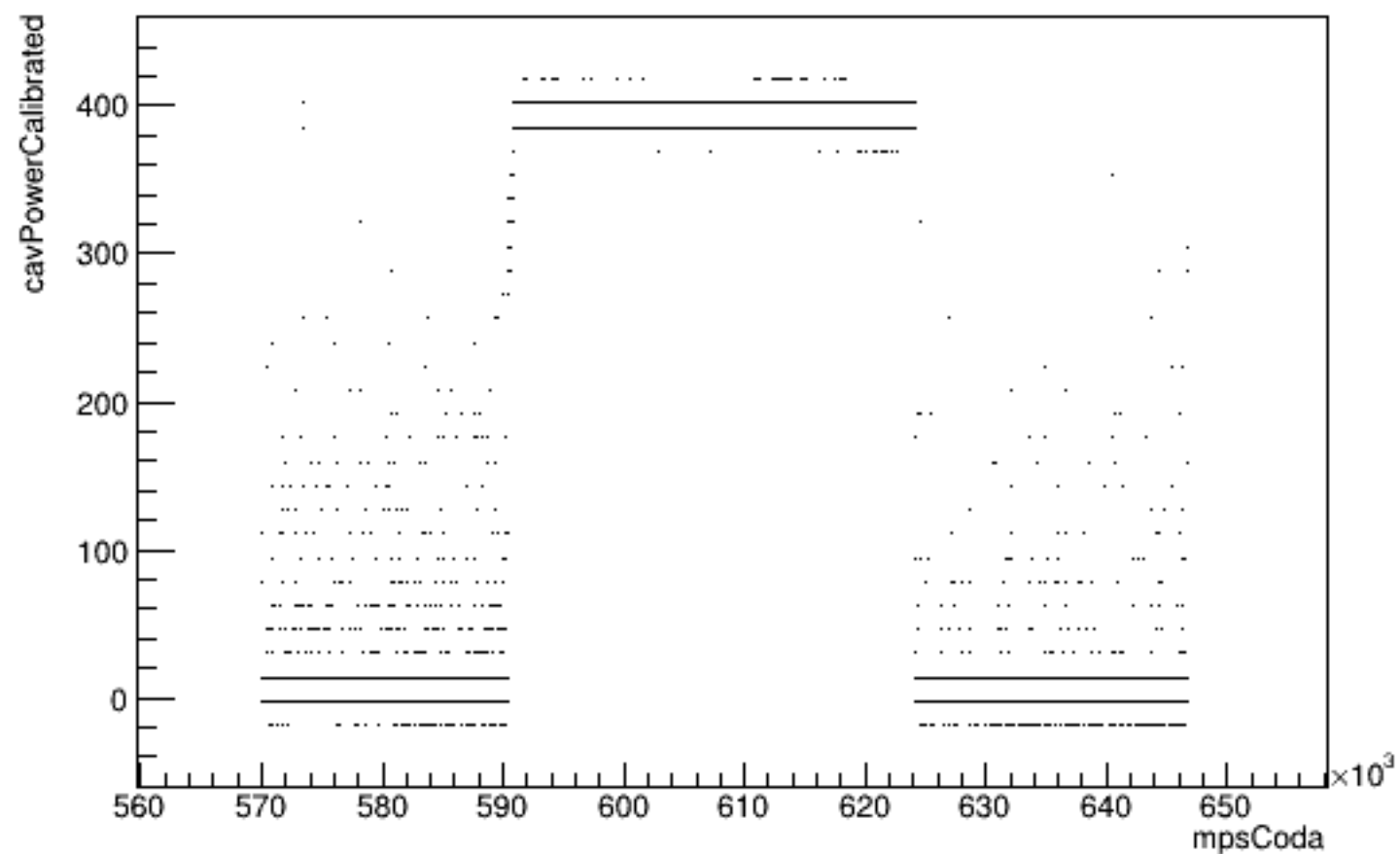
laserState:mpsCoda {mpsCoda>=569959 && mpsCoda<=646670}



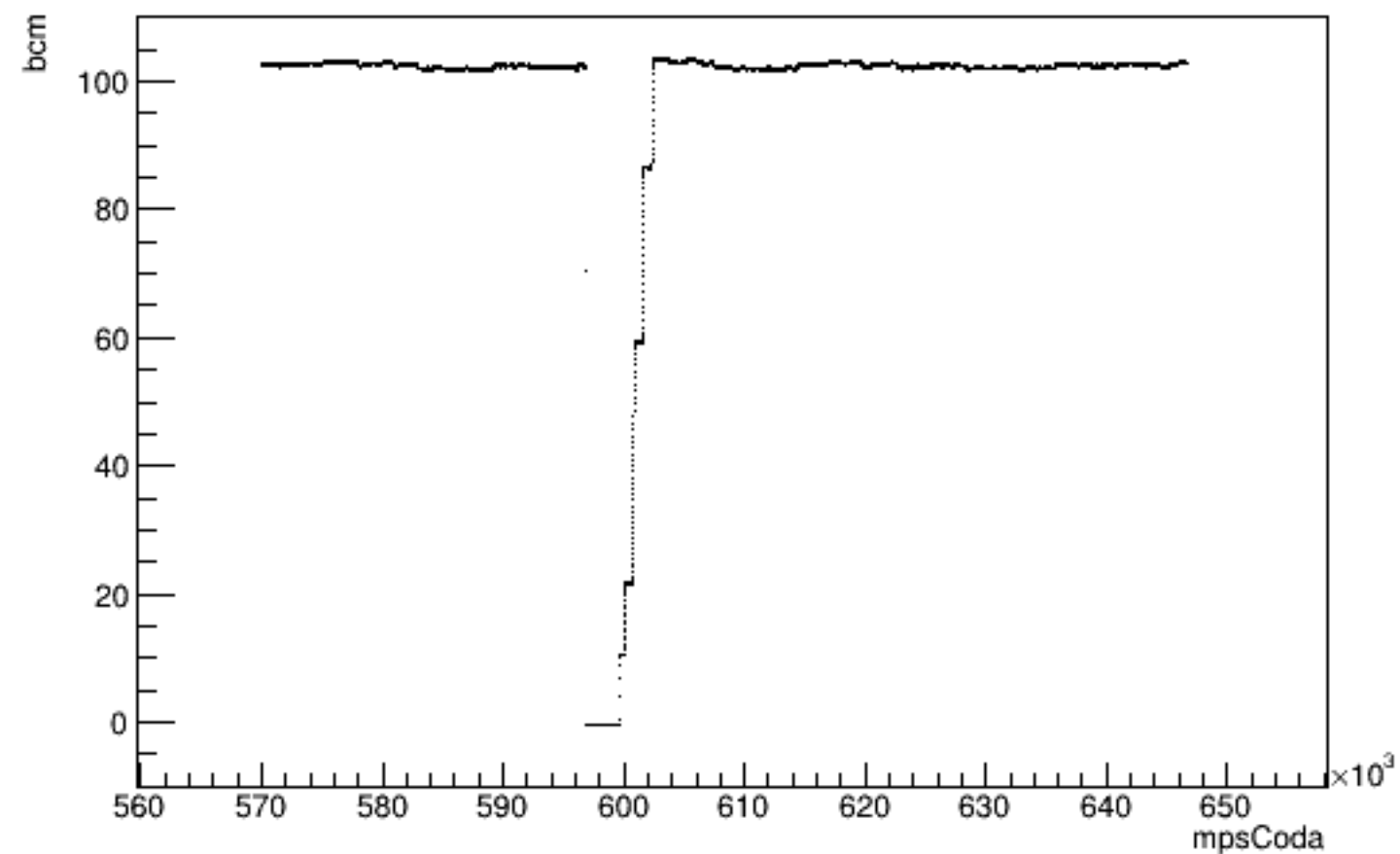
beamState + 1:mpsCoda {mpsCoda>=569959 && mpsCoda<=646670}



cavPowerCalibrated:mpsCoda {mpsCoda>=569959 && mpsCoda<=646670}



bcm:mpsCoda {mpsCoda>=569959 && mpsCoda<=646670}



Cycle 8, Diffs

Entries: 2714

Mean: 0.0021 +/- 0.0051

Std Dev: 0.2662 +/- 0.0036

Entries: 2101

Mean: -0.0304 +/- 0.0062

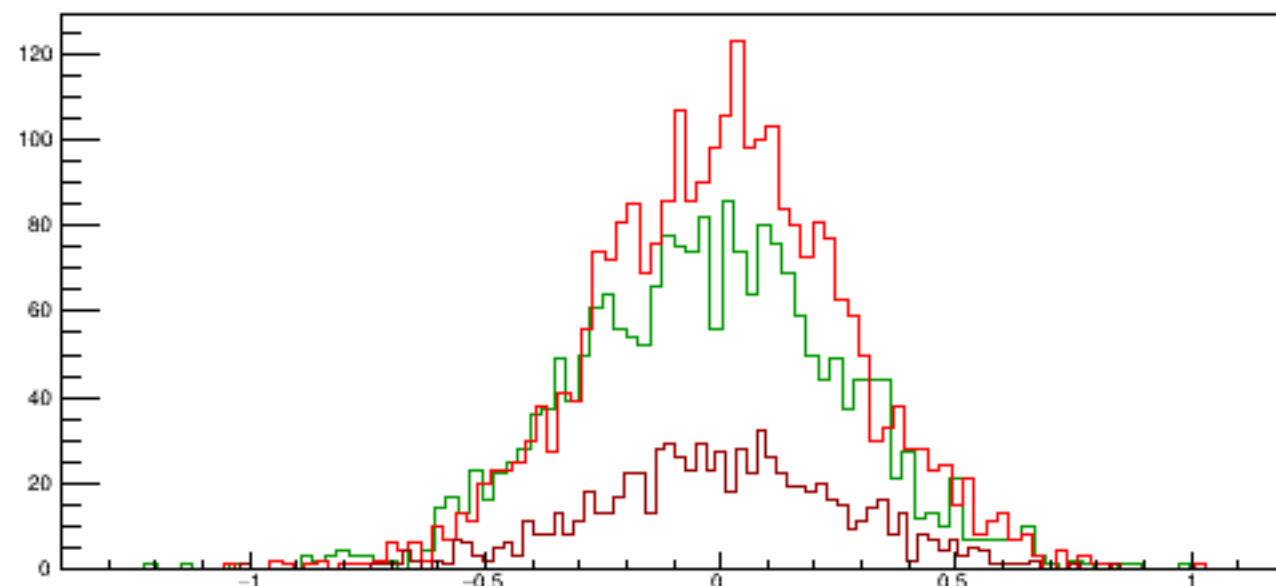
Std Dev: 0.2849 +/- 0.0044

Entries: 781

Mean: -0.0019 +/- 0.0095

Std Dev: 0.2651 +/- 0.0067

Run 4301 quartetwise, Diffs



Cycle 8, Sums

Entries: 2714

Mean: 14.9700 +/- 0.0063

Std Dev: 0.3272 +/- 0.0044

Entries: 2101

Mean: 16.3586 +/- 0.0077

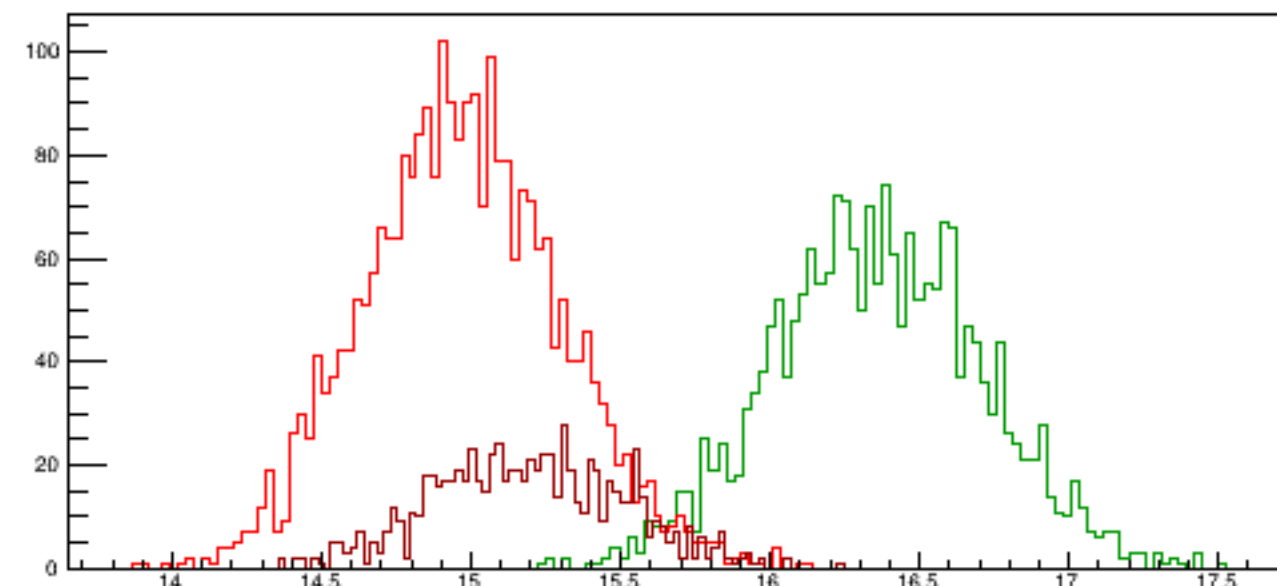
Std Dev: 0.3516 +/- 0.0054

Entries: 781

Mean: 15.1959 +/- 0.0113

Std Dev: 0.3166 +/- 0.0080

Run 4301 quartetwise, Sums



Cycle 8, Asyms

Entries: 2714

Mean: 0.0017 +/- 0.0040

Std Dev: 0.2087 +/- 0.0028

Entries: 2101

Mean: -0.0282 +/- 0.0056

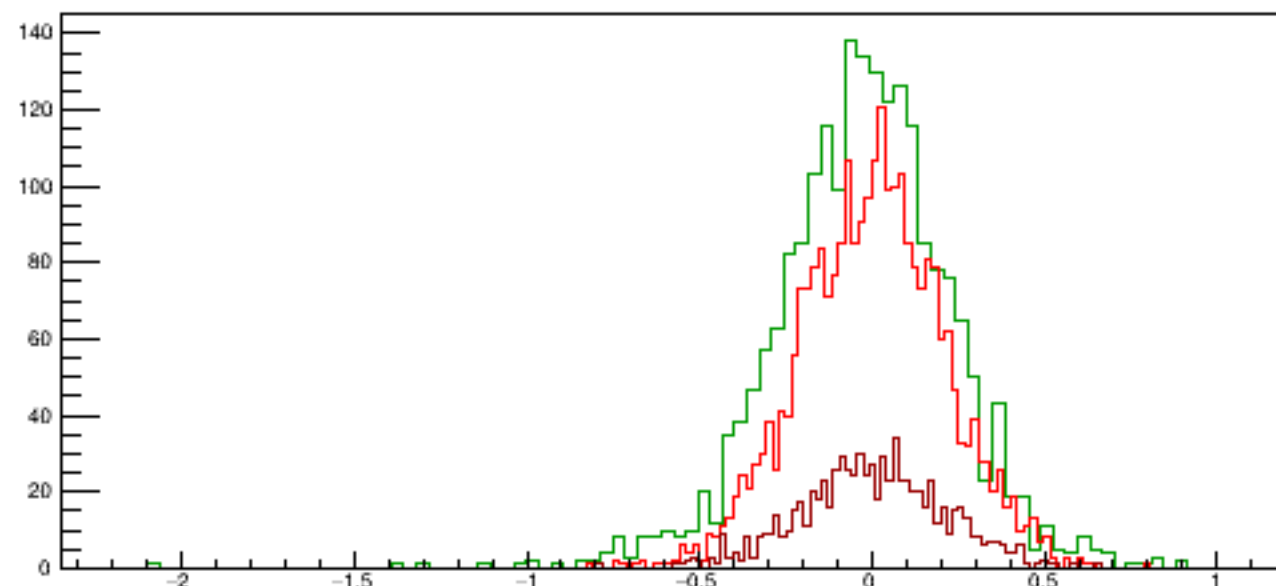
Std Dev: 0.2579 +/- 0.0040

Entries: 781

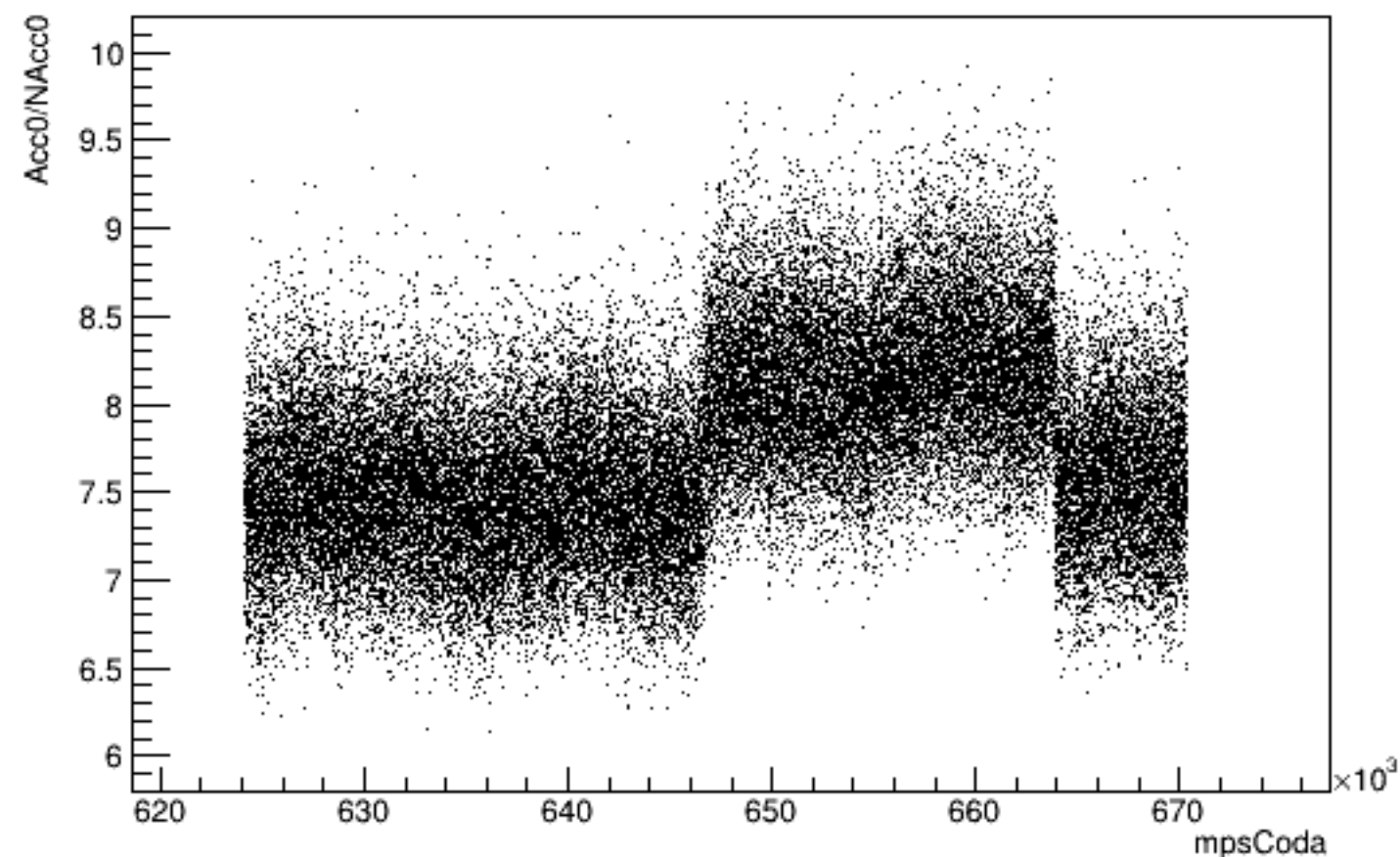
Mean: -0.0015 +/- 0.0074

Std Dev: 0.2078 +/- 0.0053

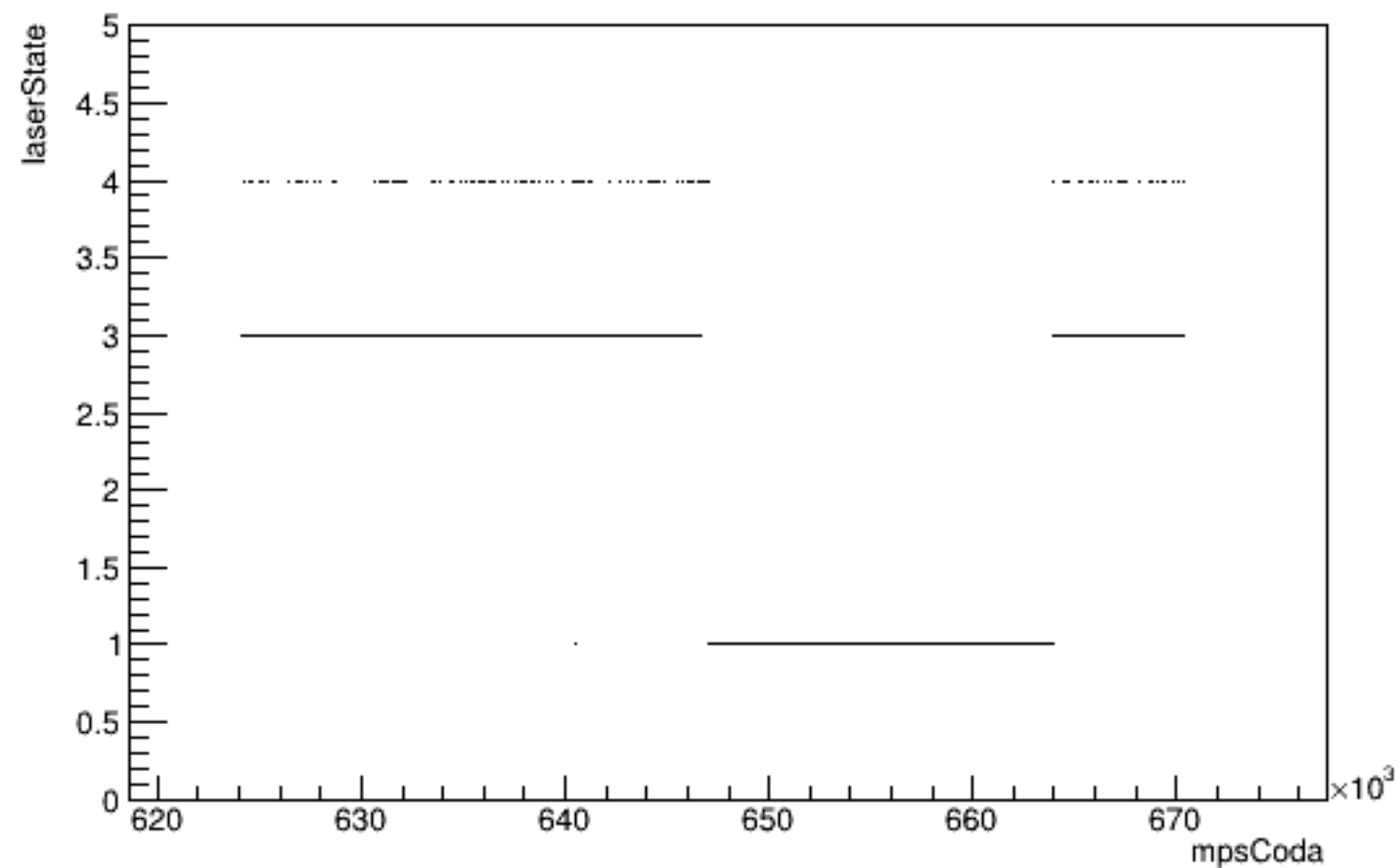
Run 4301 quartetwise, Asyms



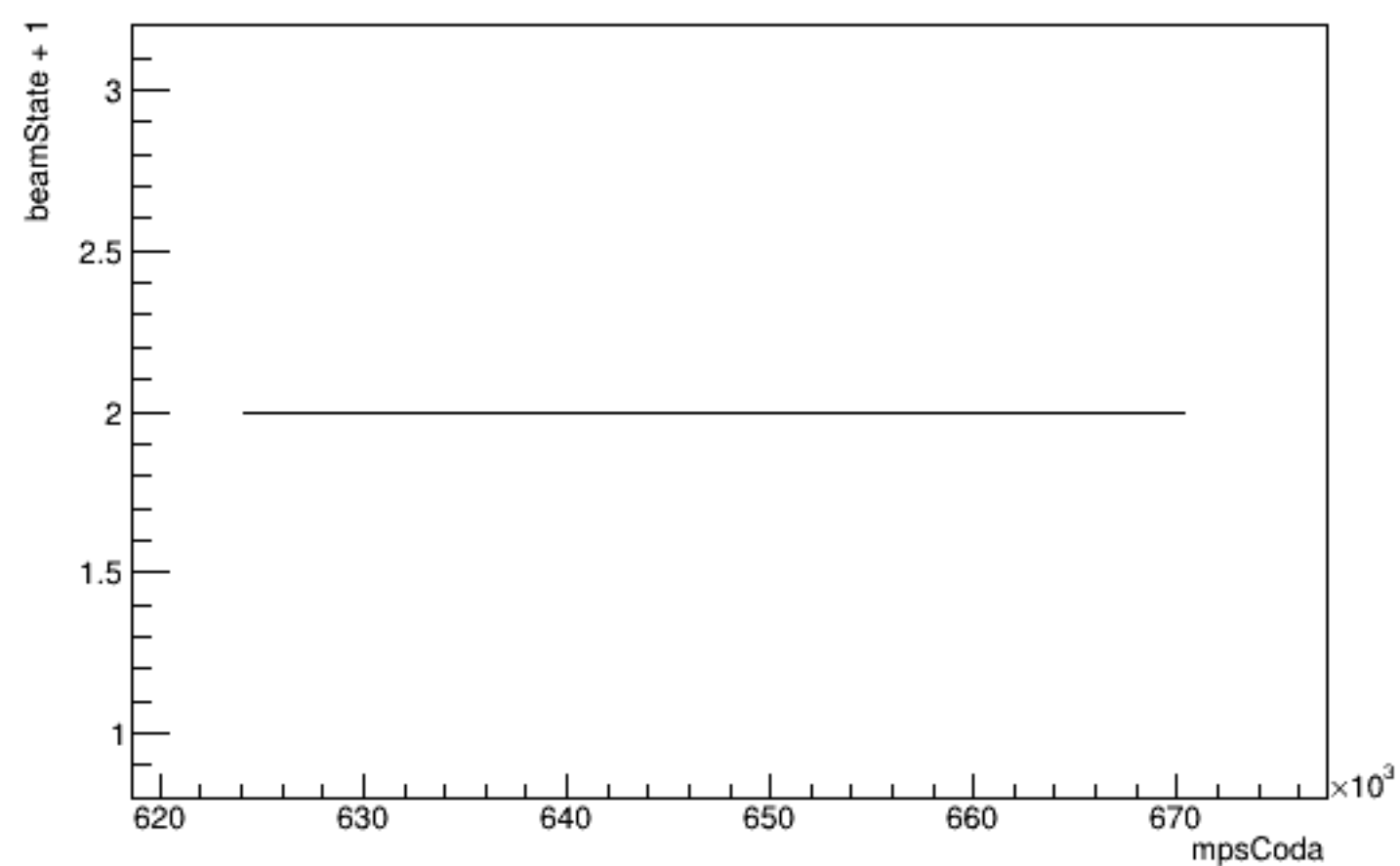
Acc0/NAcc0:mpsCoda (mpsCoda>=624151 && mpsCoda<=670358 && beamState==1)



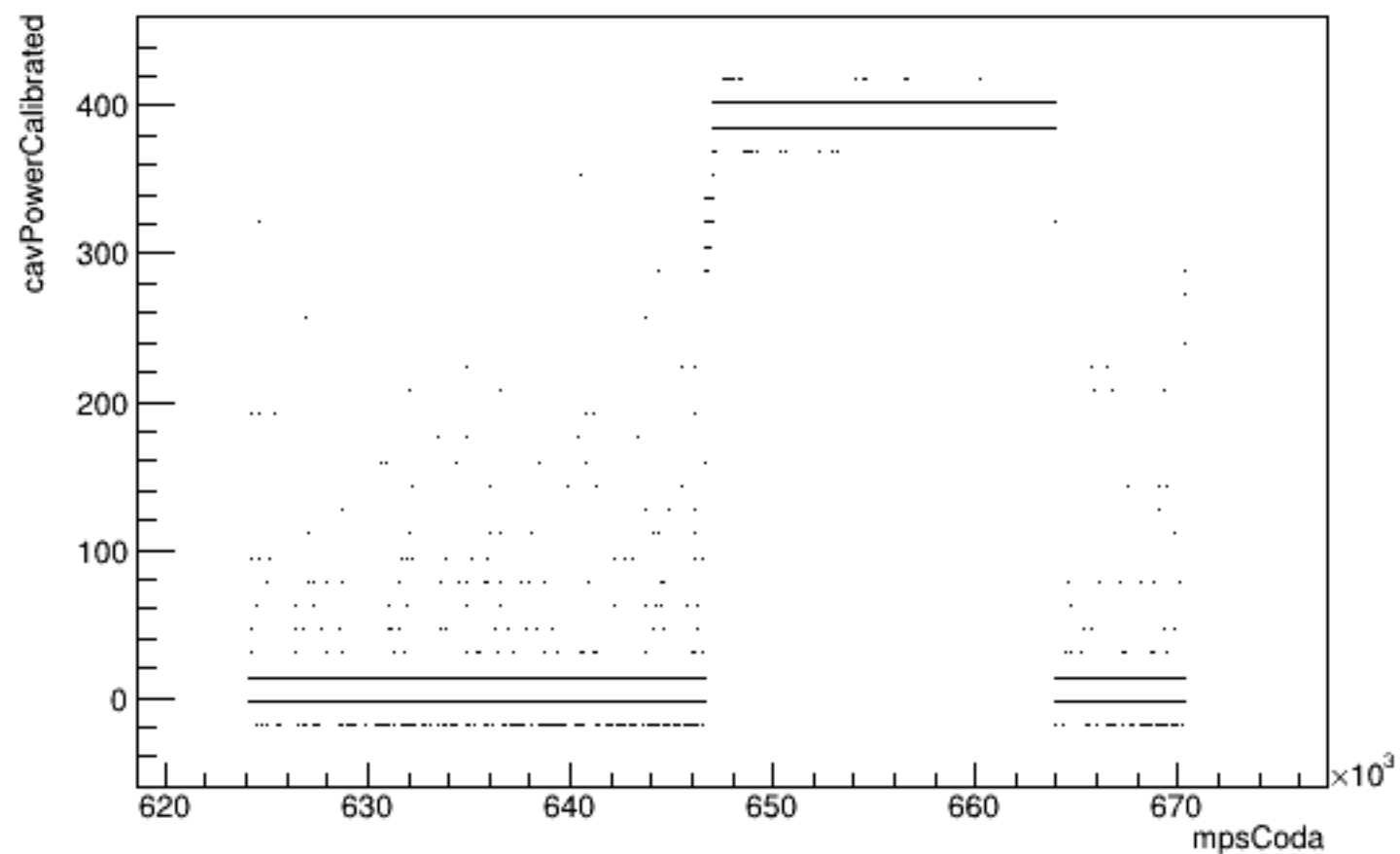
laserState:mpsCoda {mpsCoda>=624151 && mpsCoda<=670358}



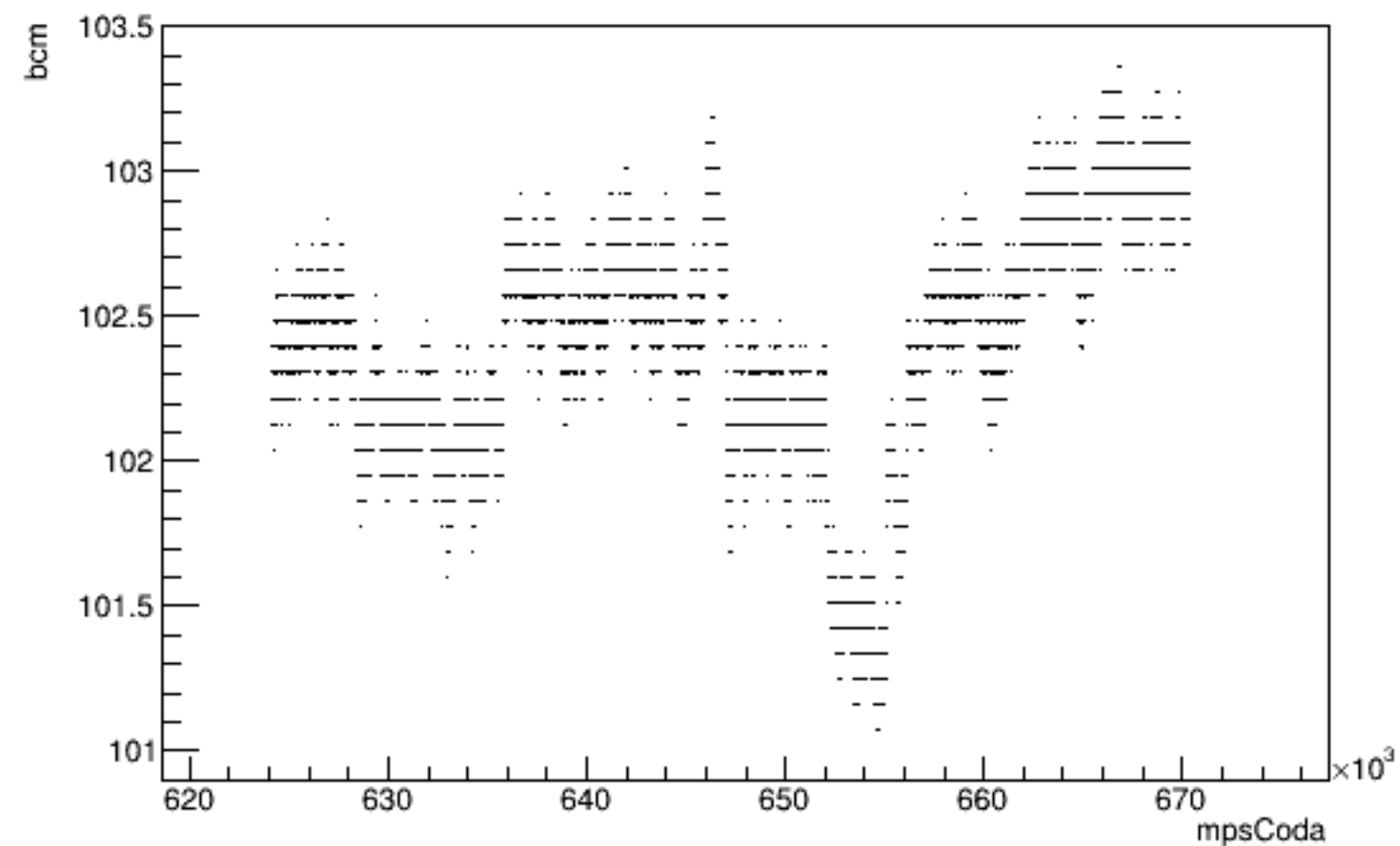
beamState + 1:mpsCoda {mpsCoda>=624151 && mpsCoda<=670358}



cavPowerCalibrated:mpsCoda {mpsCoda>=624151 && mpsCoda<=670358}



bcm:mpsCoda {mpsCoda>=624151 && mpsCoda<=670358}



Cycle 9, Diffs

Entries: 781

Mean: -0.0019 +/- 0.0095

Std Dev: 0.2651 +/- 0.0067

Entries: 4555

Mean: -0.0229 +/- 0.0041

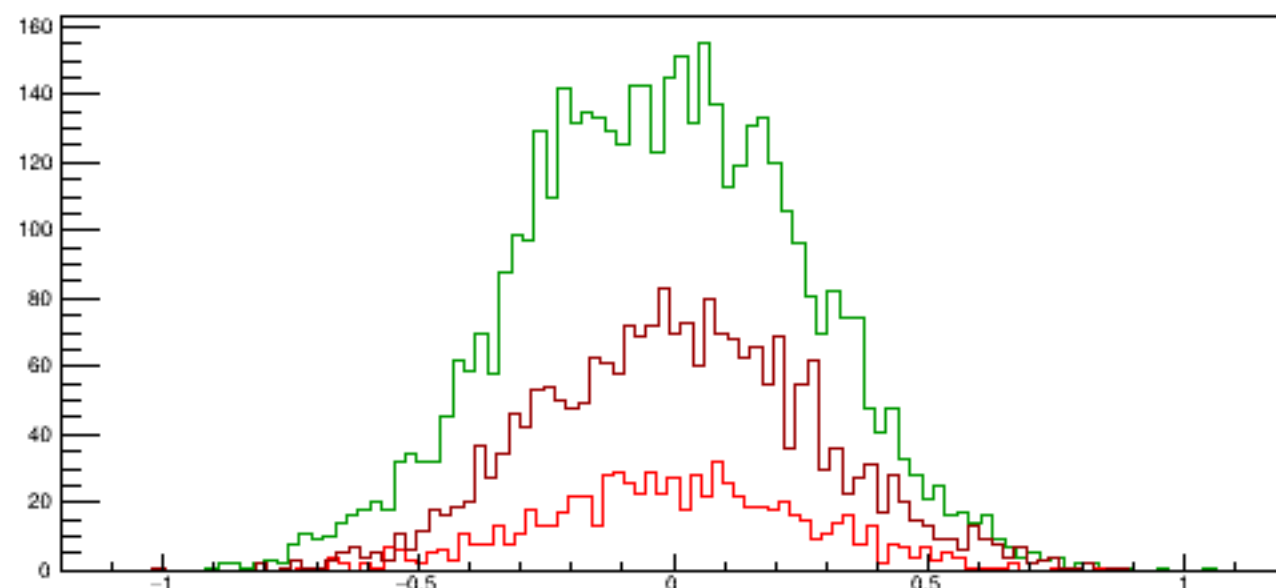
Std Dev: 0.2795 +/- 0.0029

Entries: 2203

Mean: 0.0103 +/- 0.0058

Std Dev: 0.2710 +/- 0.0041

Run 4301 quartetwise, Diffs



Cycle 9, Sums

Entries: 781

Mean: 15.1959 +/- 0.0113

Std Dev: 0.3166 +/- 0.0080

Entries: 4555

Mean: 16.3019 +/- 0.0052

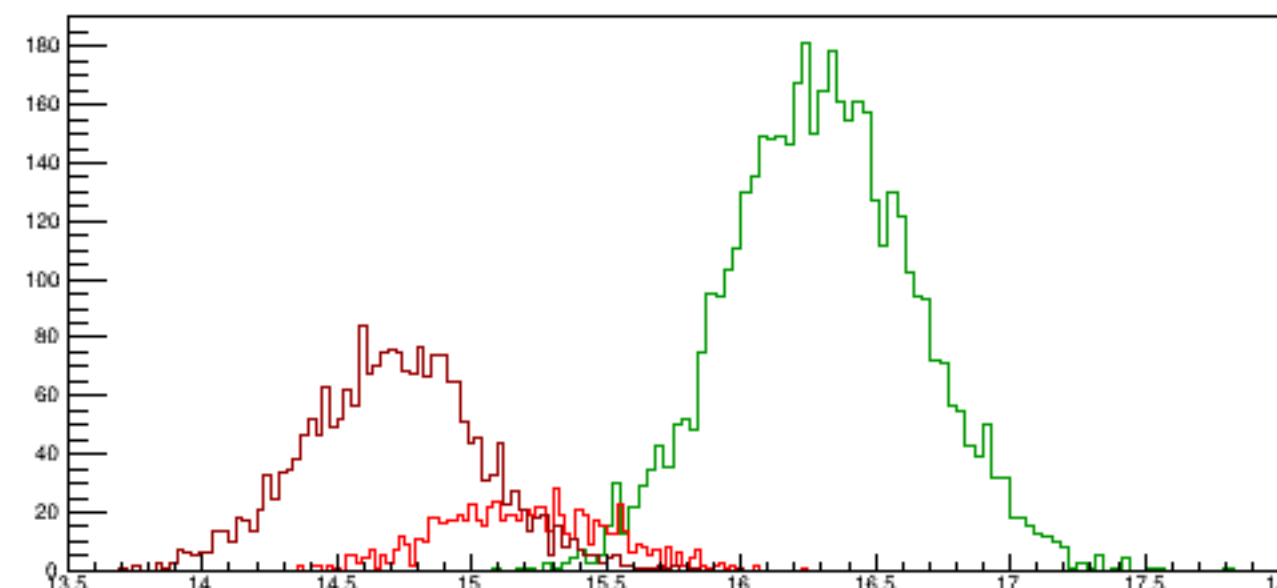
Std Dev: 0.3489 +/- 0.0037

Entries: 2203

Mean: 14.7089 +/- 0.0069

Std Dev: 0.3232 +/- 0.0049

Run 4301 quartetwise, Sums



Cycle 9, Asyms

Entries: 781

Mean: -0.0014 +/- 0.0070

Std Dev: 0.1964 +/- 0.0050

Entries: 4555

Mean: -0.0183 +/- 0.0035

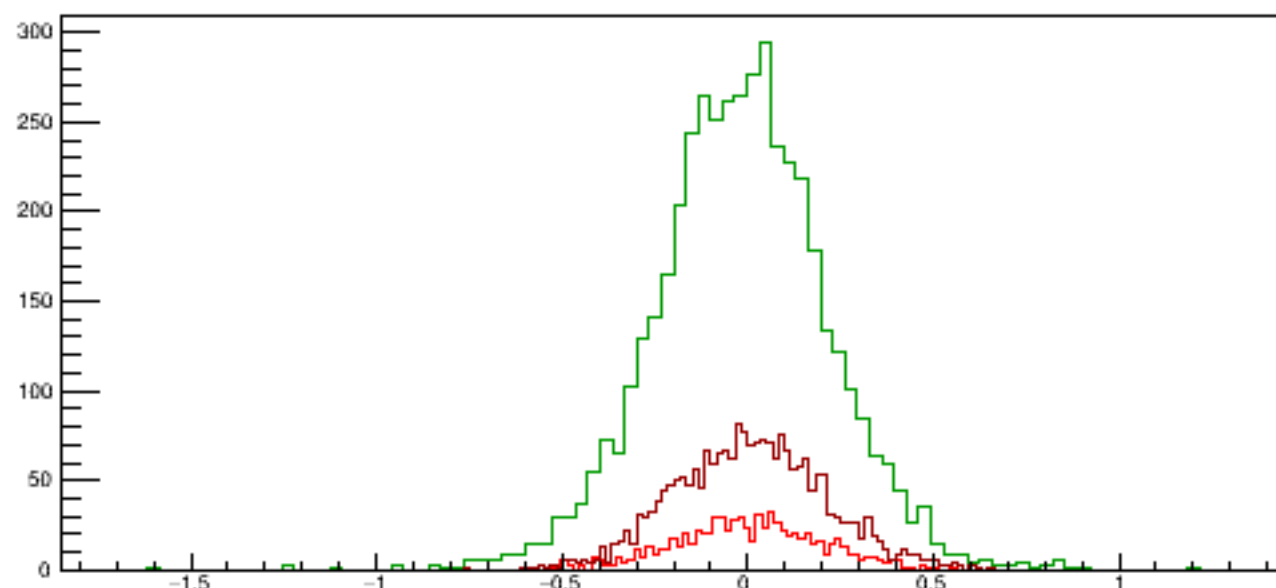
Std Dev: 0.2338 +/- 0.0024

Entries: 2203

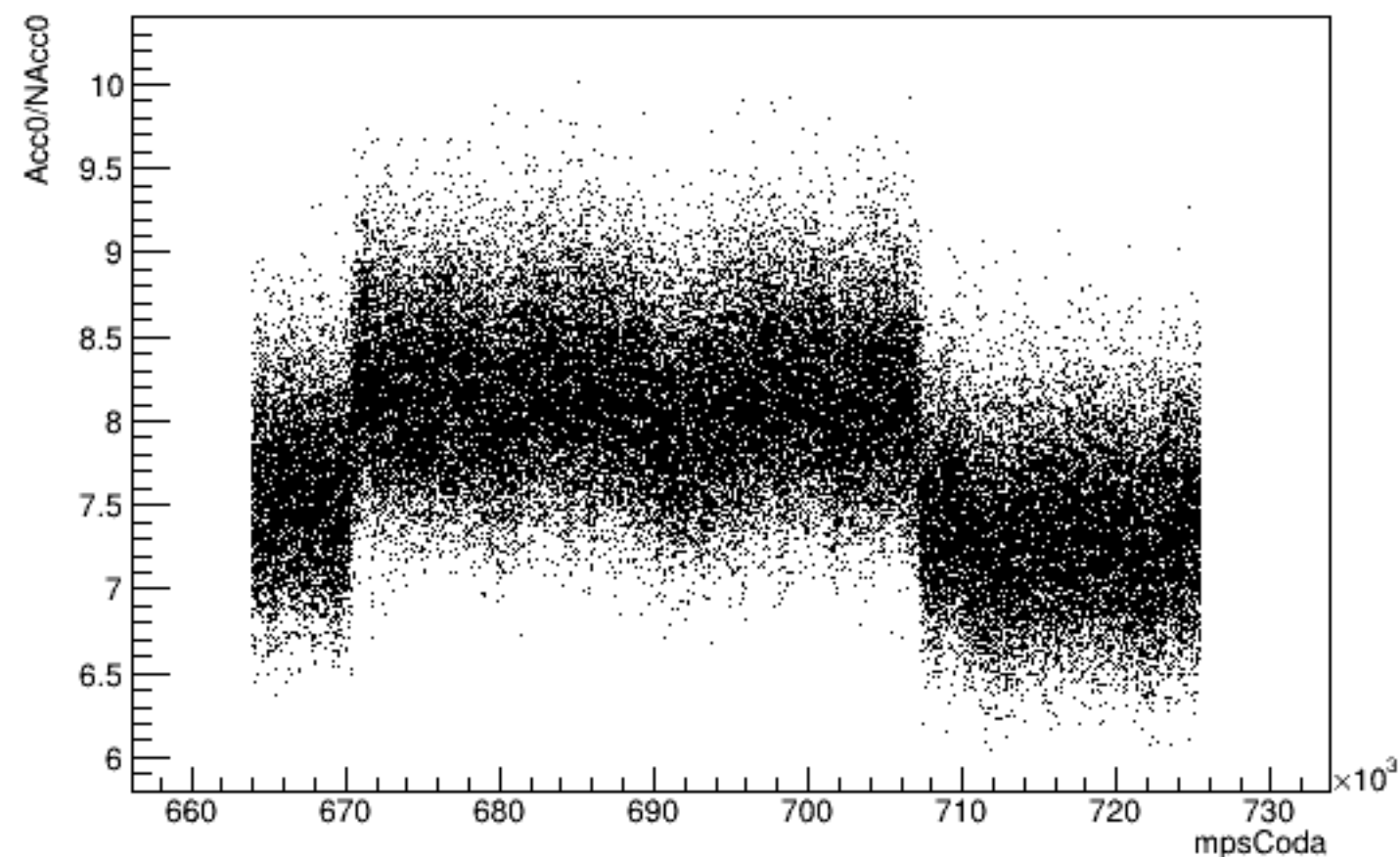
Mean: 0.0076 +/- 0.0043

Std Dev: 0.2008 +/- 0.0030

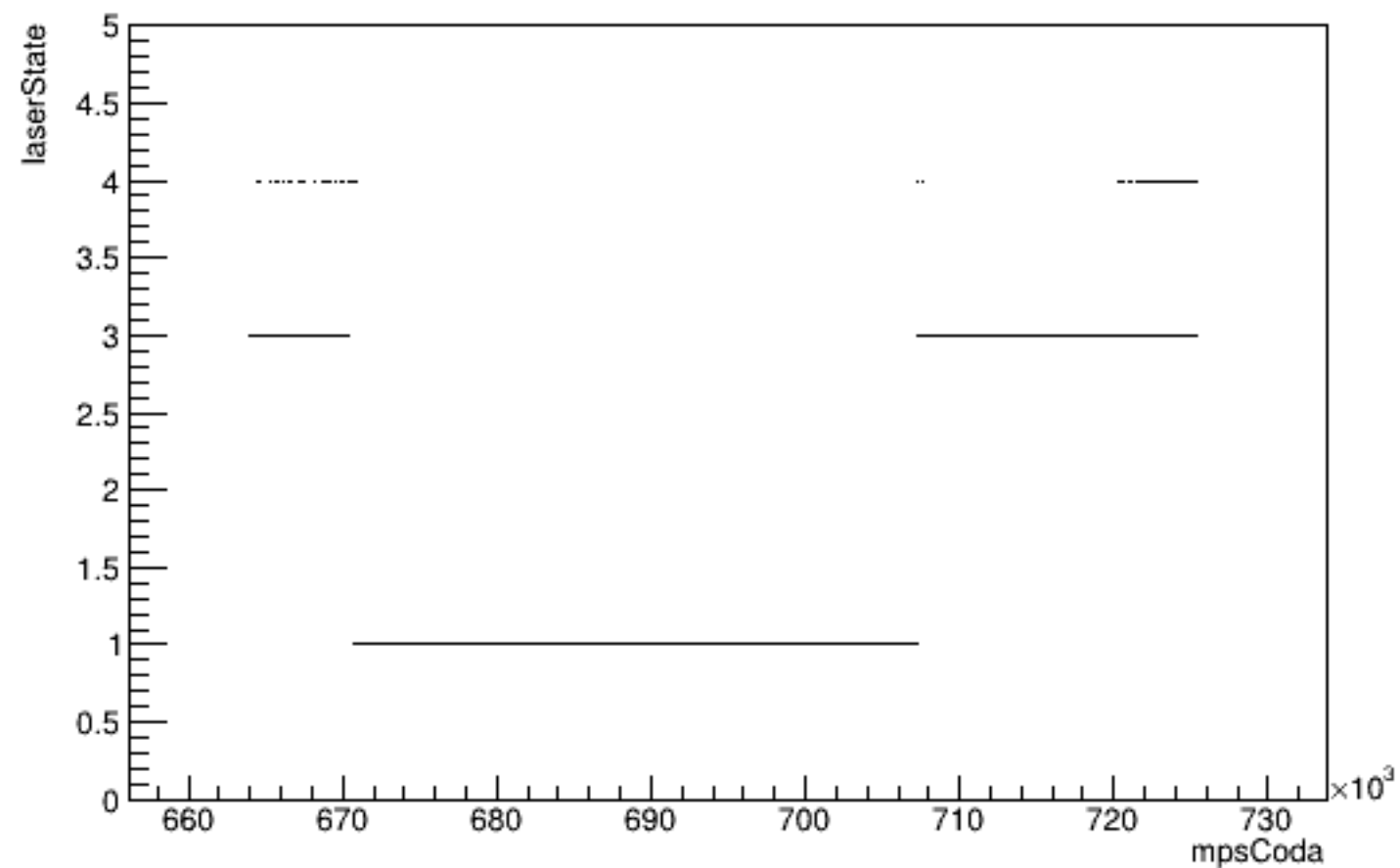
Run 4301 quartetwise, Asyms



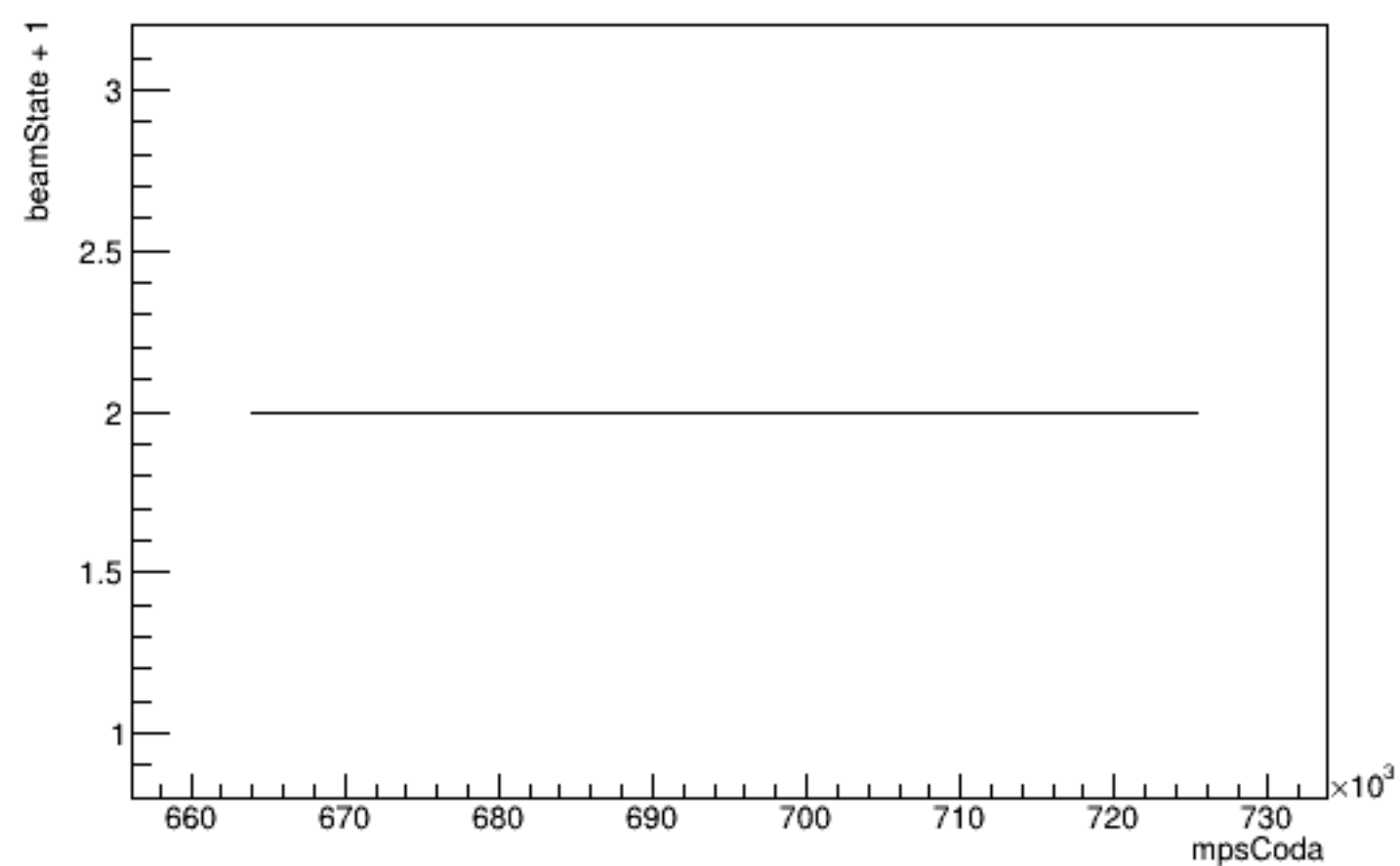
Acc0/NAcc0:mpsCoda (mpsCoda>=663911 && mpsCoda<=725430 && beamState==1)



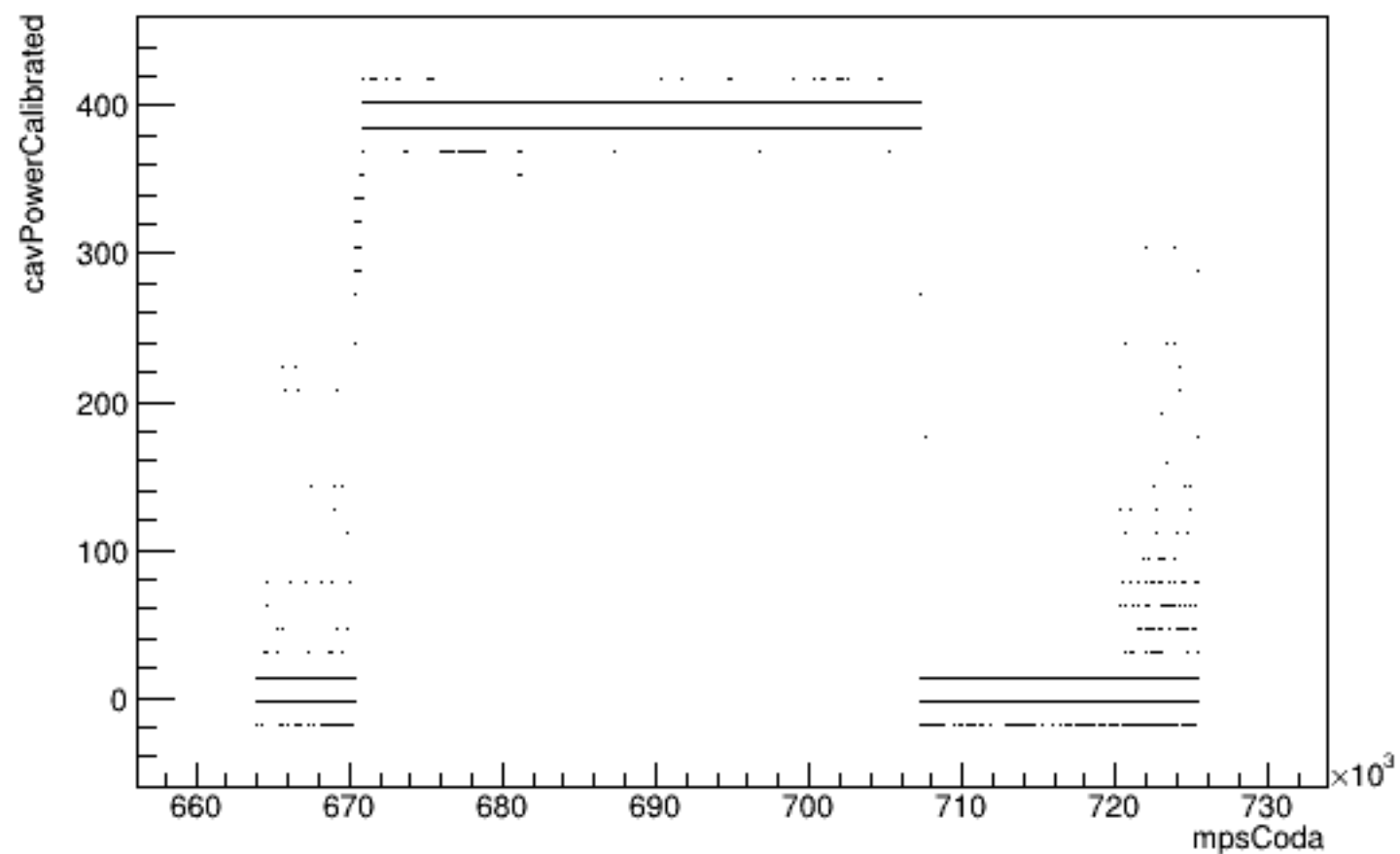
laserState:mpsCoda {mpsCoda>=663911 && mpsCoda<=725430}



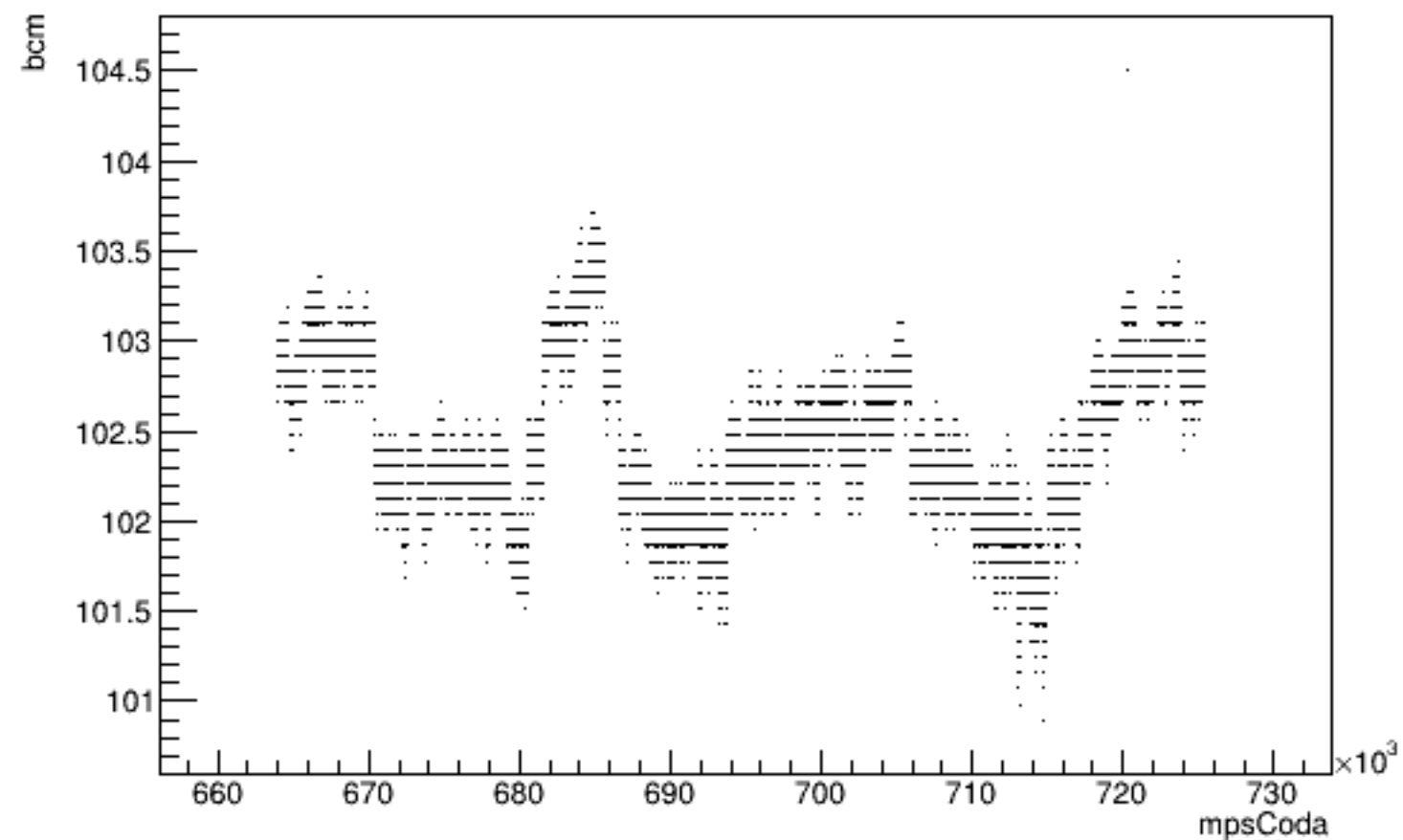
beamState + 1:mpsCoda {mpsCoda>=663911 && mpsCoda<=725430}



cavPowerCalibrated:mpsCoda {mpsCoda>=663911 && mpsCoda<=725430}



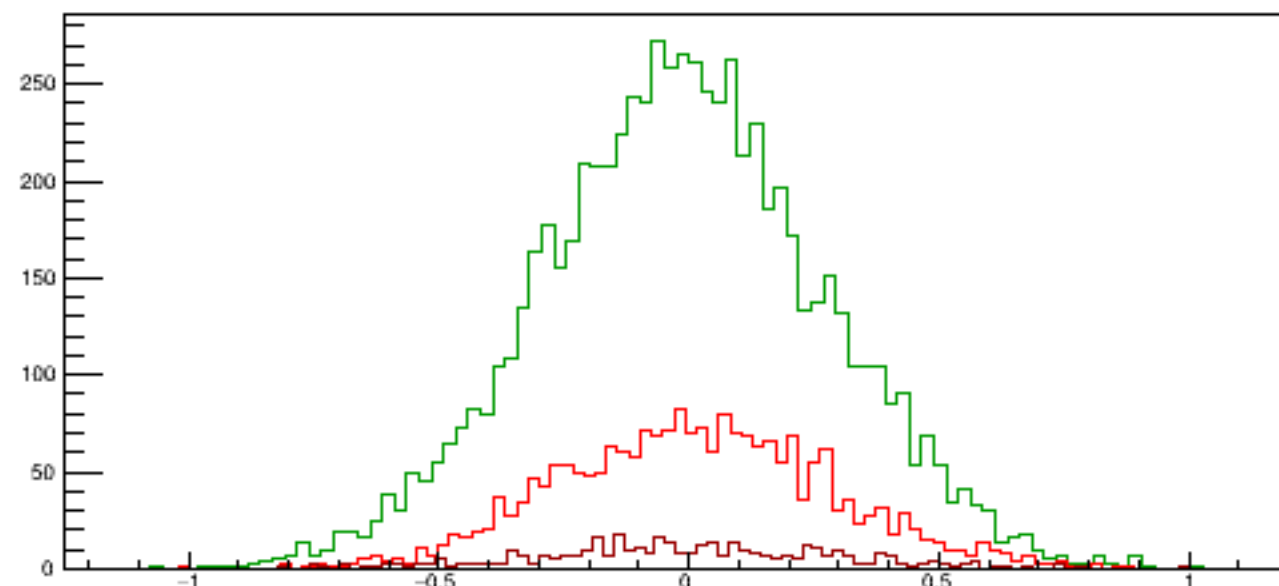
bcm:mpsCoda {mpsCoda>=663911 && mpsCoda<=725430}



Cycle 10, Diffs

Entries: 2203	Entries: 7240	Entries: 383
Mean: 0.0103 +/- 0.0058	Mean: -0.0142 +/- 0.0033	Mean: 0.0018 +/- 0.0150
Std Dev: 0.2710 +/- 0.0041	Std Dev: 0.2839 +/- 0.0024	Std Dev: 0.2935 +/- 0.0106

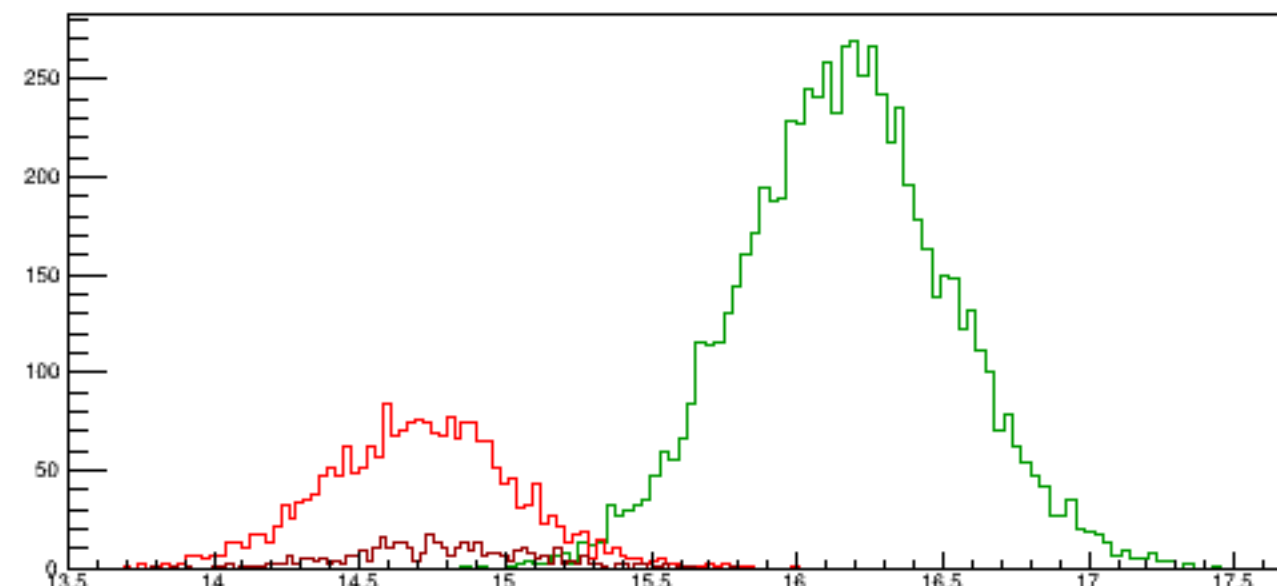
Run 4301 quartetwise, Diffs



Cycle 10, Sums

Entries: 2203	Entries: 7240	Entries: 383
Mean: 14.7089 +/- 0.0069	Mean: 16.1647 +/- 0.0042	Mean: 14.7796 +/- 0.0166
Std Dev: 0.3232 +/- 0.0049	Std Dev: 0.3588 +/- 0.0030	Std Dev: 0.3249 +/- 0.0117

Run 4301 quartetwise, Sums

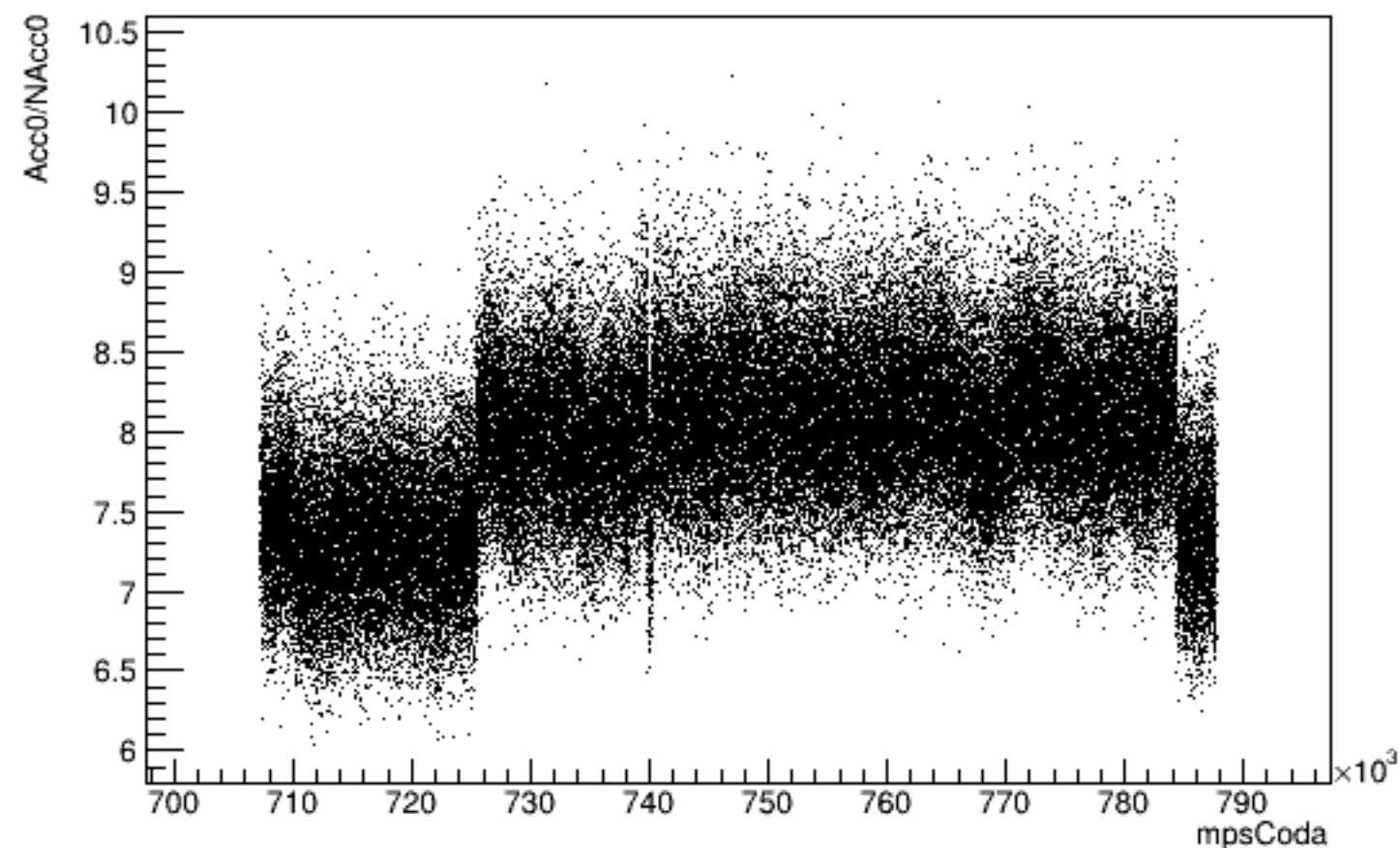
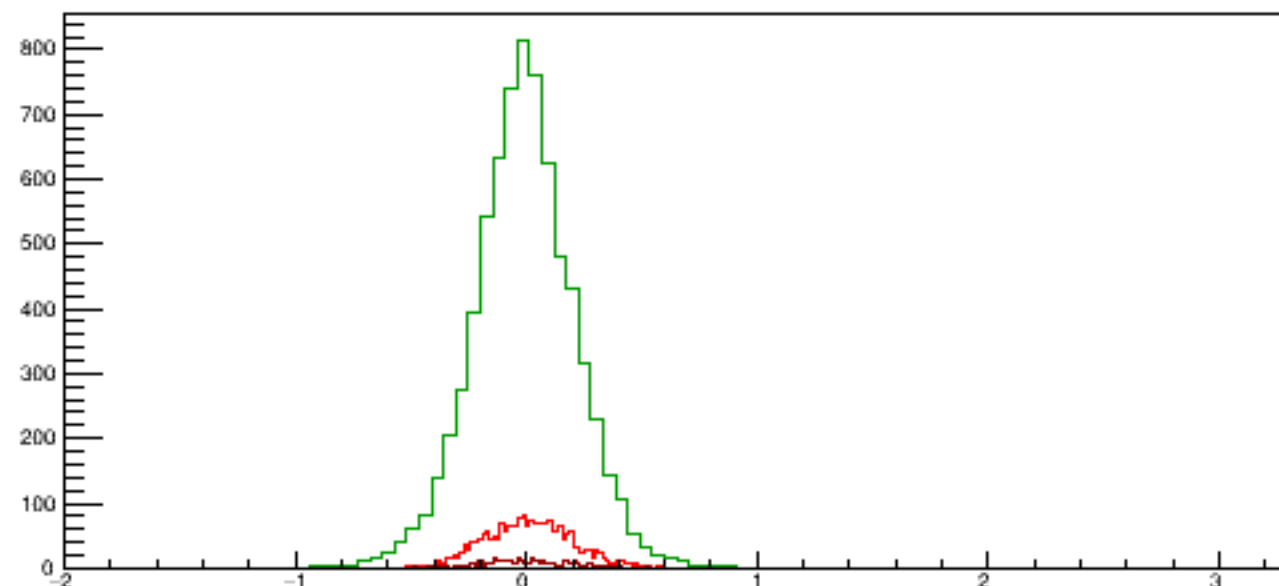


Acc0/NAcc0:mpsCoda (mpsCoda>=707271 && mpsCoda<=787702 && beamState==1)

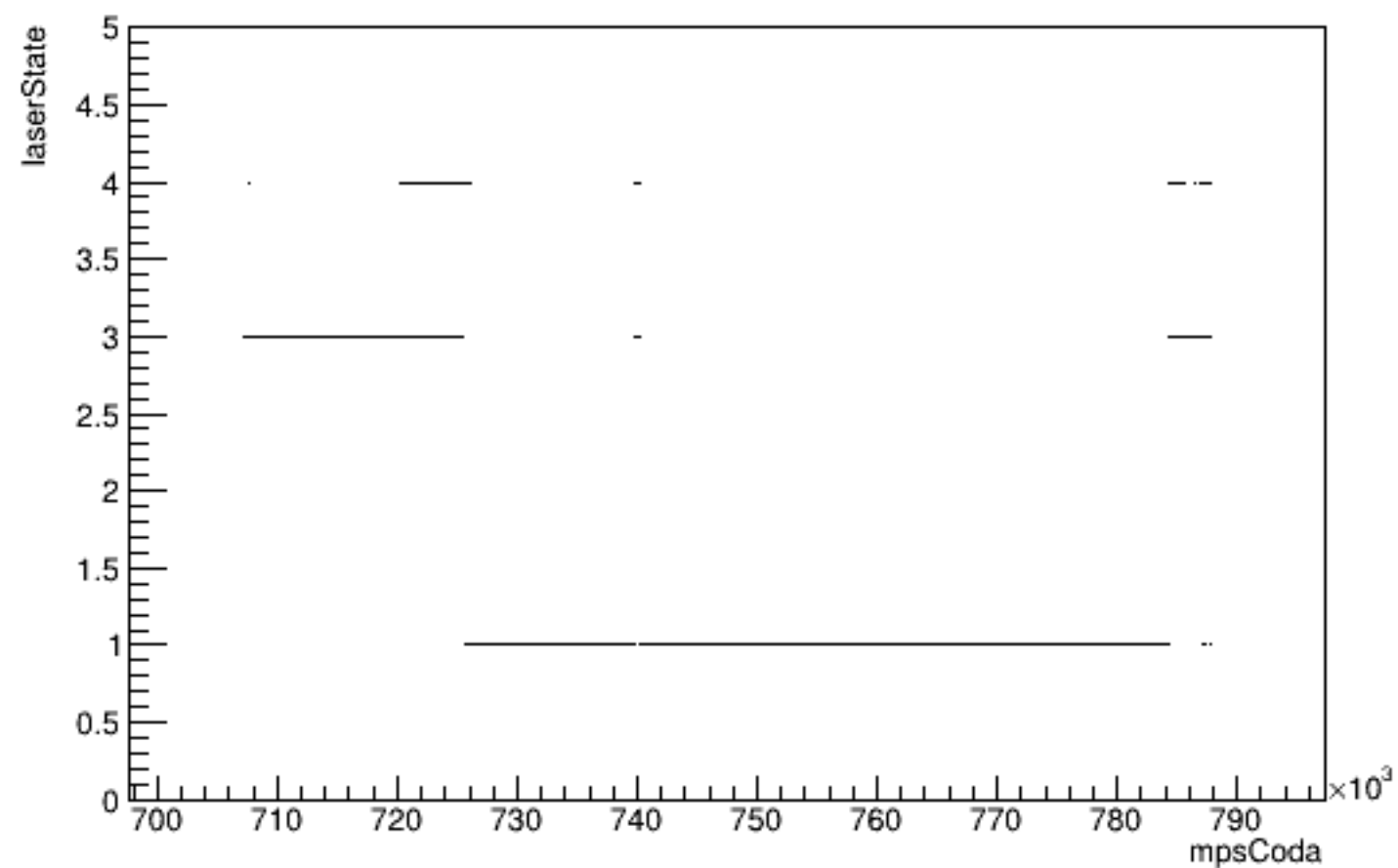
Cycle 10, Asyms

Entries: 2203	Entries: 7240	Entries: 383
Mean: 0.0072 +/- 0.0041	Mean: -0.0101 +/- 0.0026	Mean: 0.0013 +/- 0.0106
Std Dev: 0.1908 +/- 0.0029	Std Dev: 0.2244 +/- 0.0019	Std Dev: 0.2066 +/- 0.0075

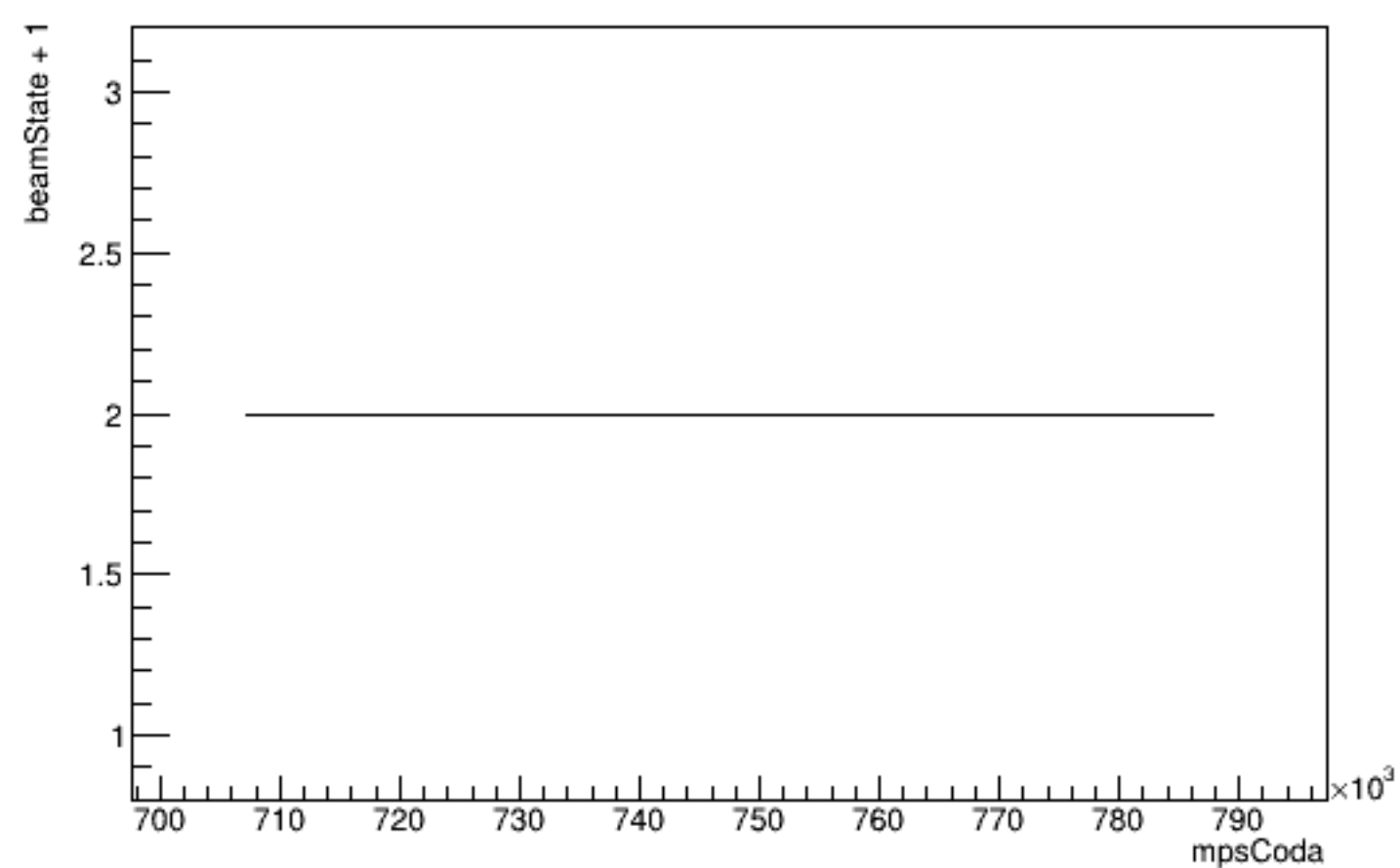
Run 4301 quartetwise, Asyms



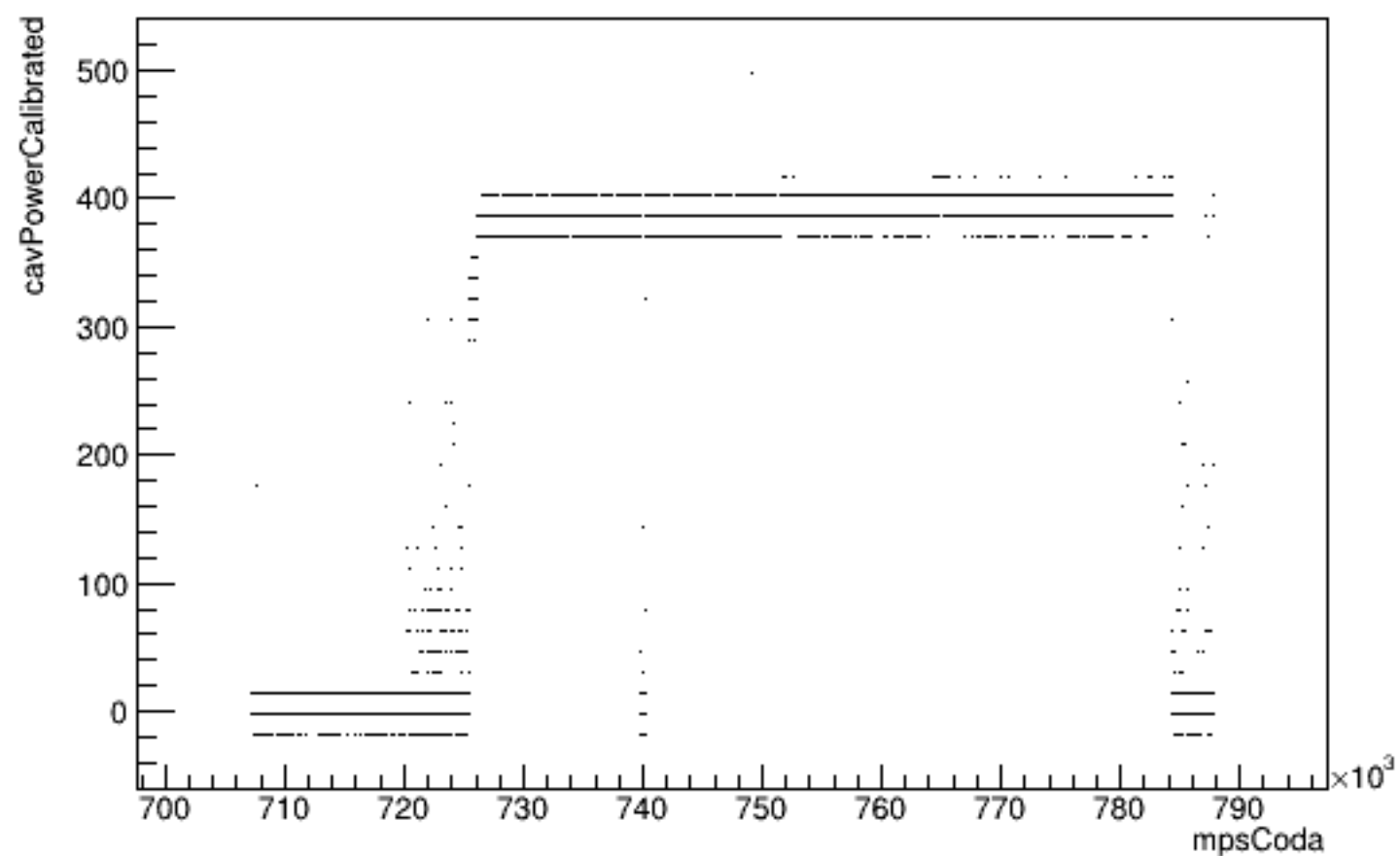
laserState:mpsCoda {mpsCoda>=707271 && mpsCoda<=787702}



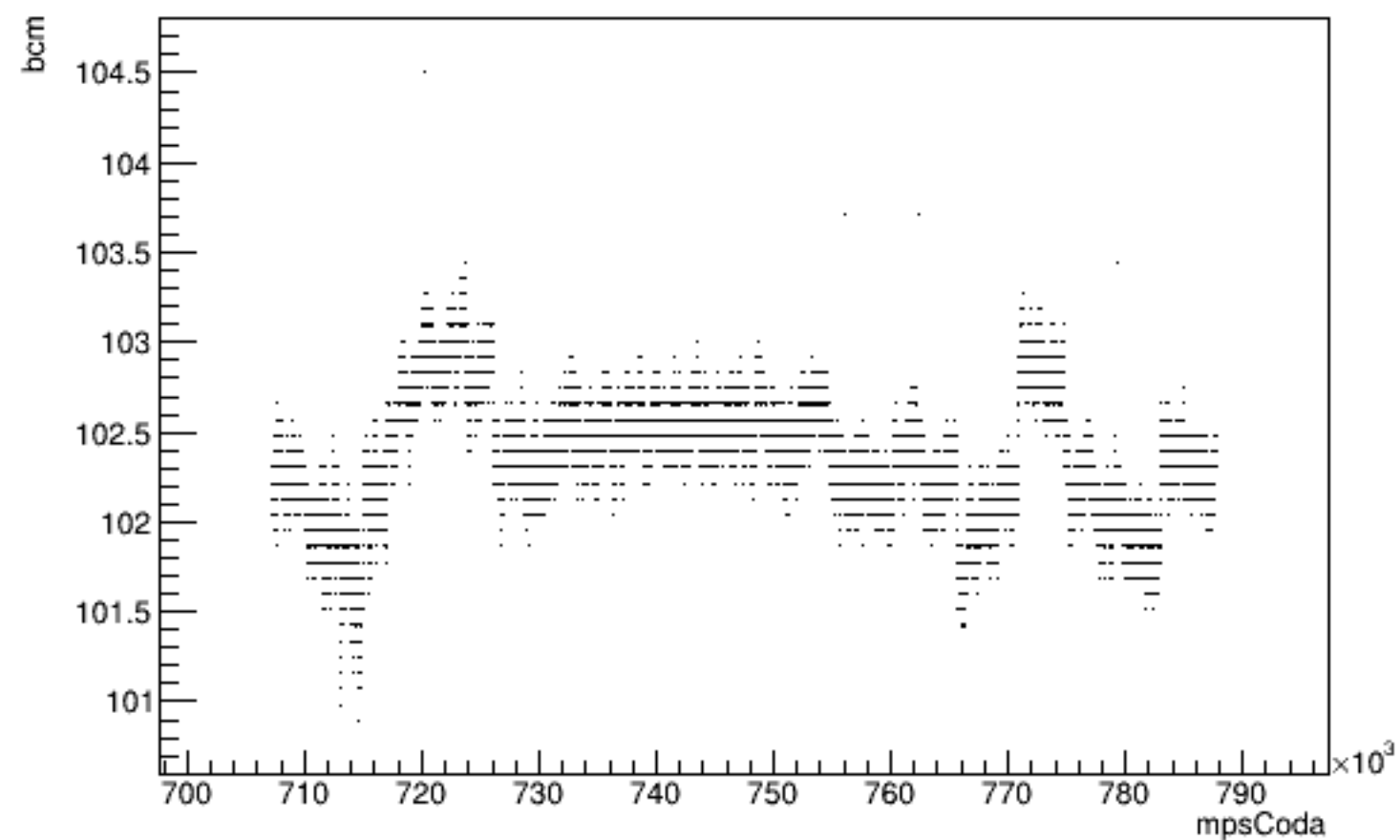
beamState + 1:mpsCoda {mpsCoda>=707271 && mpsCoda<=787702}



cavPowerCalibrated:mpsCoda {mpsCoda>=707271 && mpsCoda<=787702}



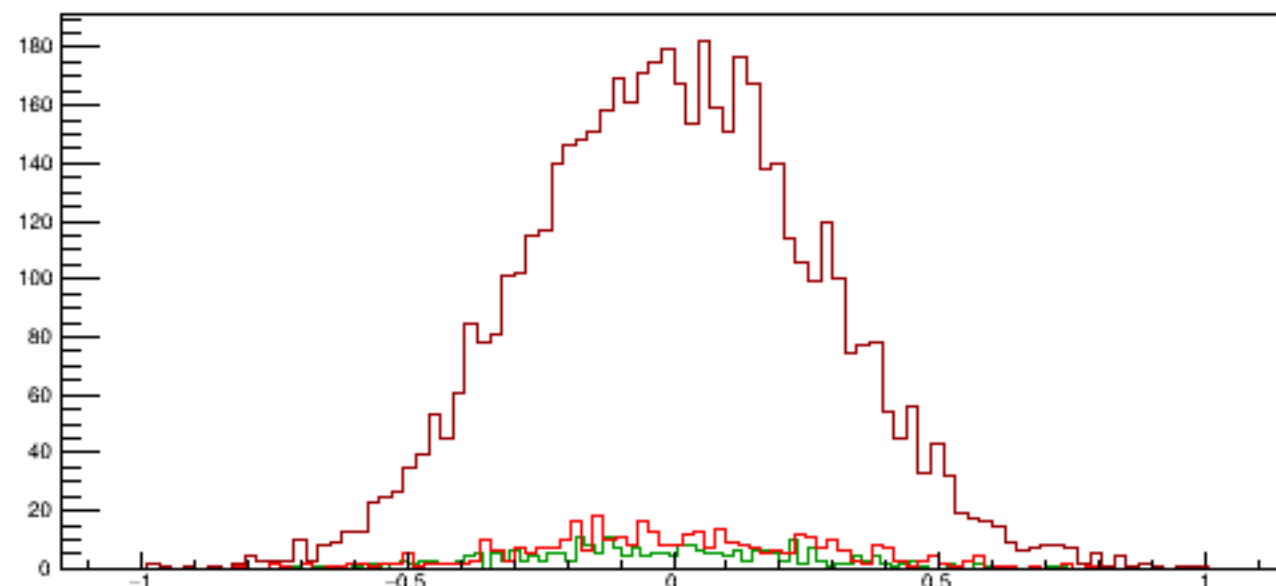
bcm:mpsCoda {mpsCoda>=707271 && mpsCoda<=787702}



Cycle 11, Diffs

Entries: 383	Entries: 267	Entries: 5257
Mean: 0.0018 +/- 0.0150	Mean: -0.0313 +/- 0.0174	Mean: -0.0008 +/- 0.0038
Std Dev: 0.2935 +/- 0.0106	Std Dev: 0.2851 +/- 0.0123	Std Dev: 0.2730 +/- 0.0027

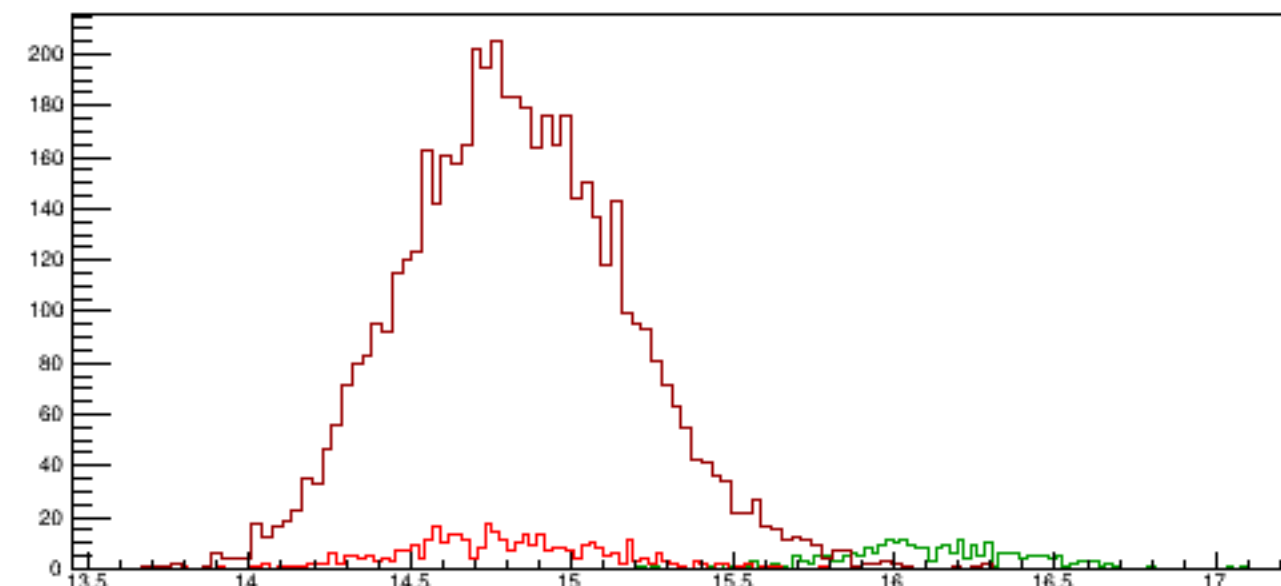
Run 4301 quartetwise, Diffs



Cycle 11, Sums

Entries: 383	Entries: 267	Entries: 5257
Mean: 14.7796 +/- 0.0166	Mean: 16.1184 +/- 0.0177	Mean: 14.8277 +/- 0.0048
Std Dev: 0.3249 +/- 0.0117	Std Dev: 0.2887 +/- 0.0125	Std Dev: 0.3499 +/- 0.0034

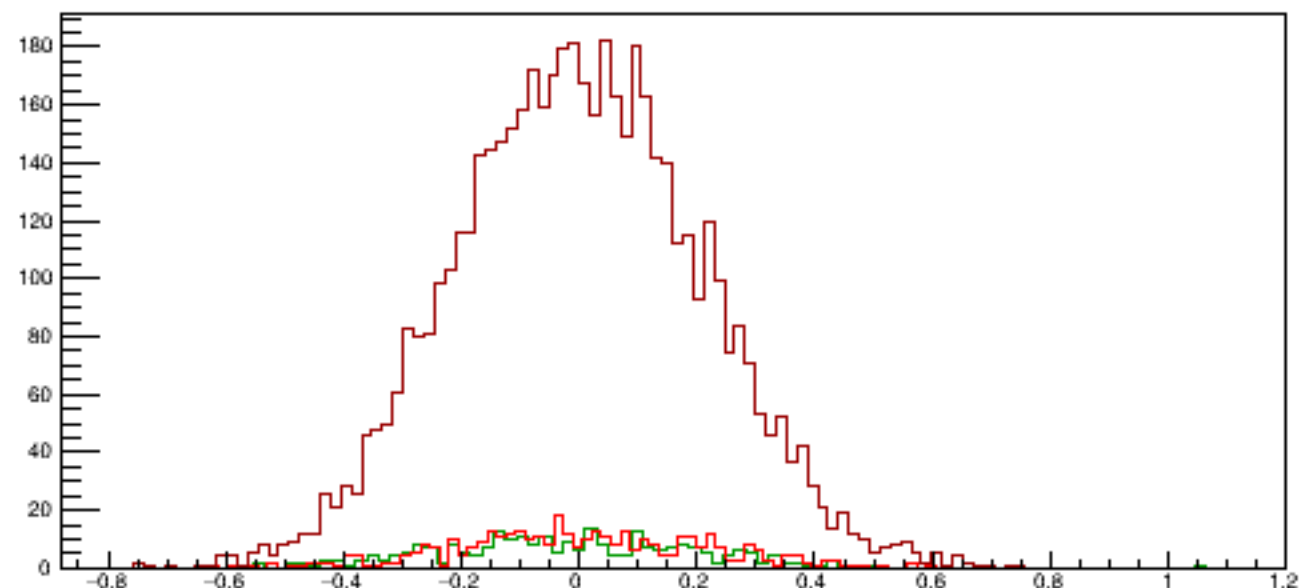
Run 4301 quartetwise, Sums



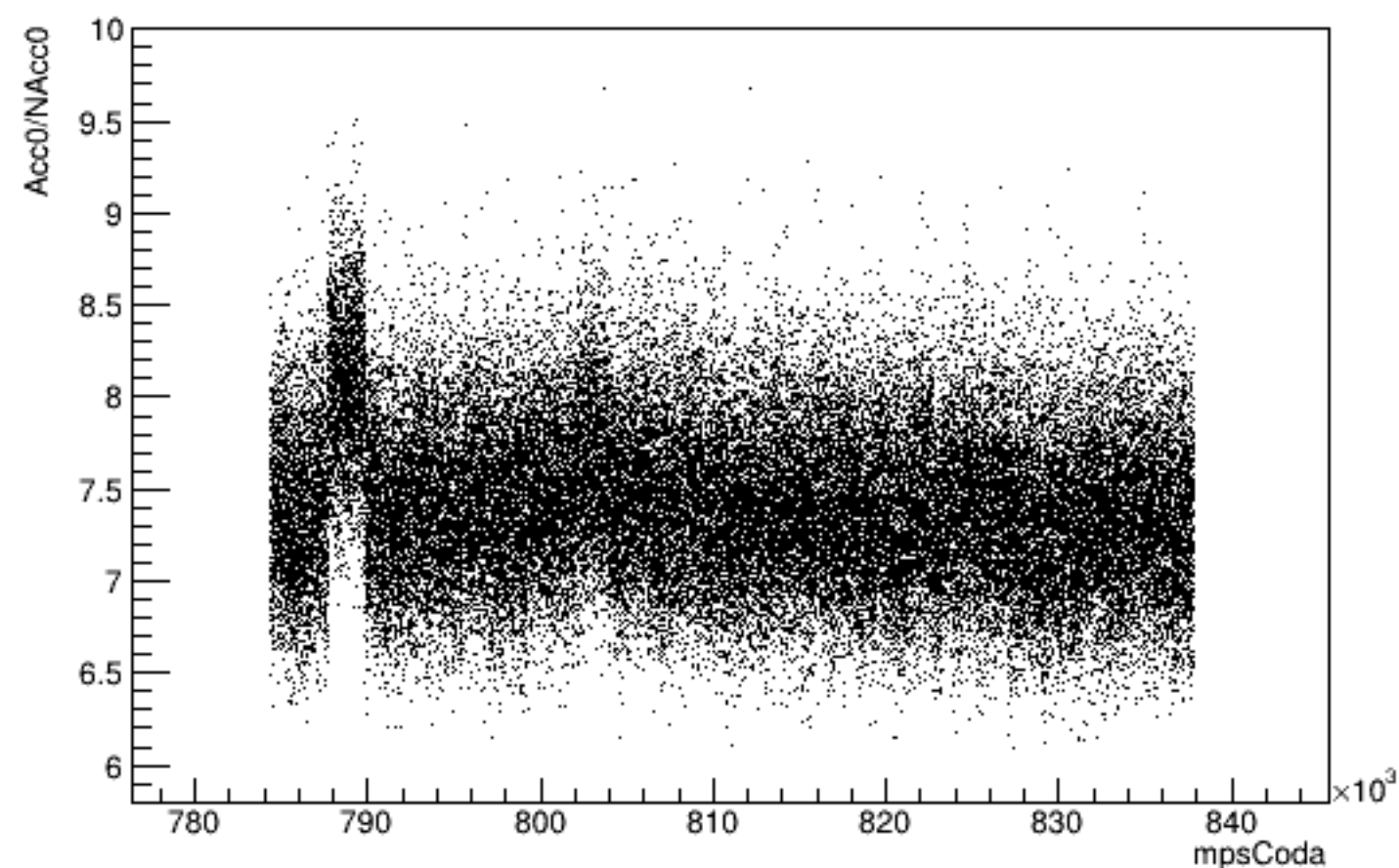
Cycle 11, Asyms

Entries: 383	Entries: 267	Entries: 5257
Mean: 0.0014 +/- 0.0114	Mean: -0.0219 +/- 0.0142	Mean: -0.0006 +/- 0.0029
Std Dev: 0.2232 +/- 0.0081	Std Dev: 0.2319 +/- 0.0100	Std Dev: 0.2076 +/- 0.0020

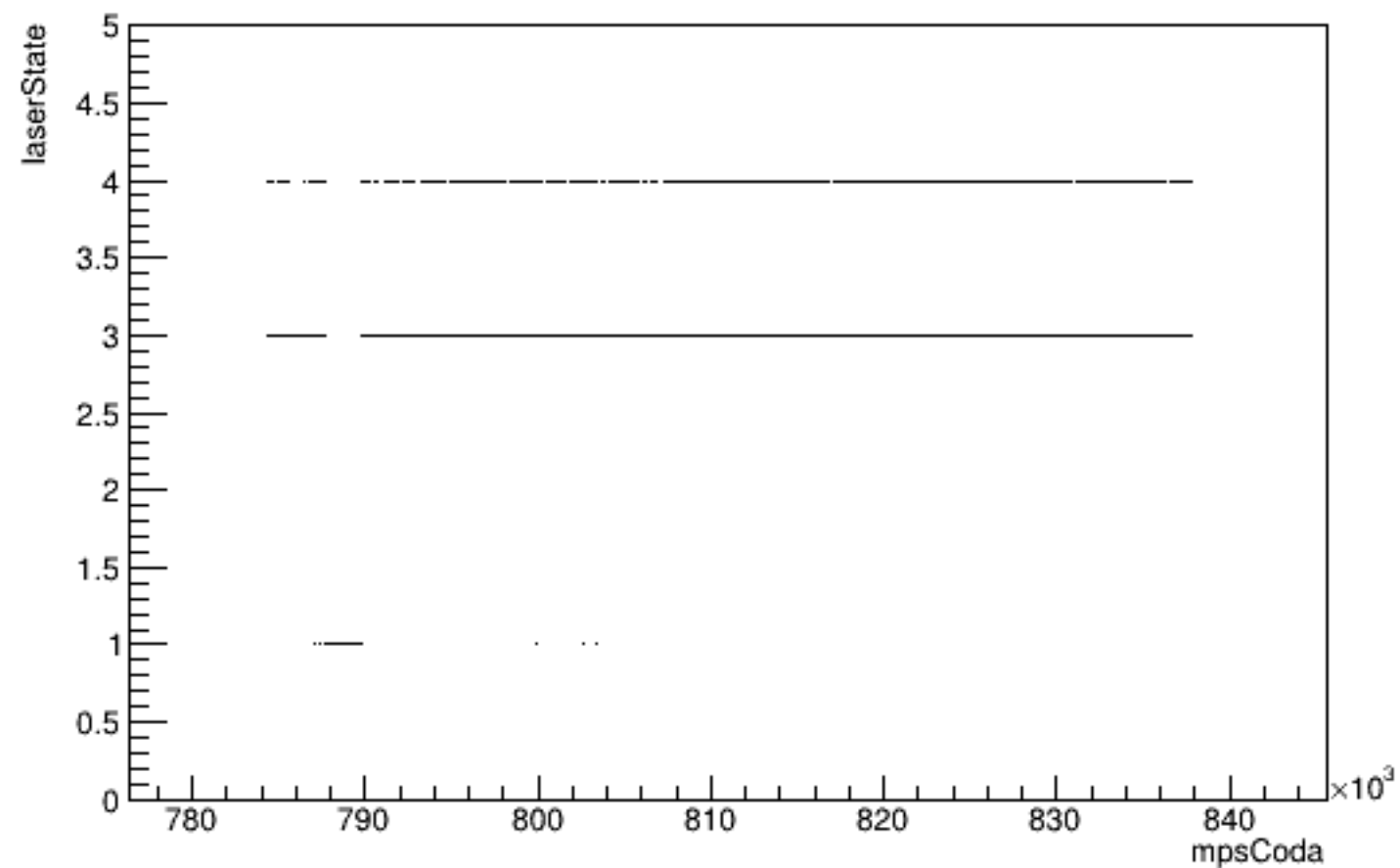
Run 4301 quartetwise, Asyms



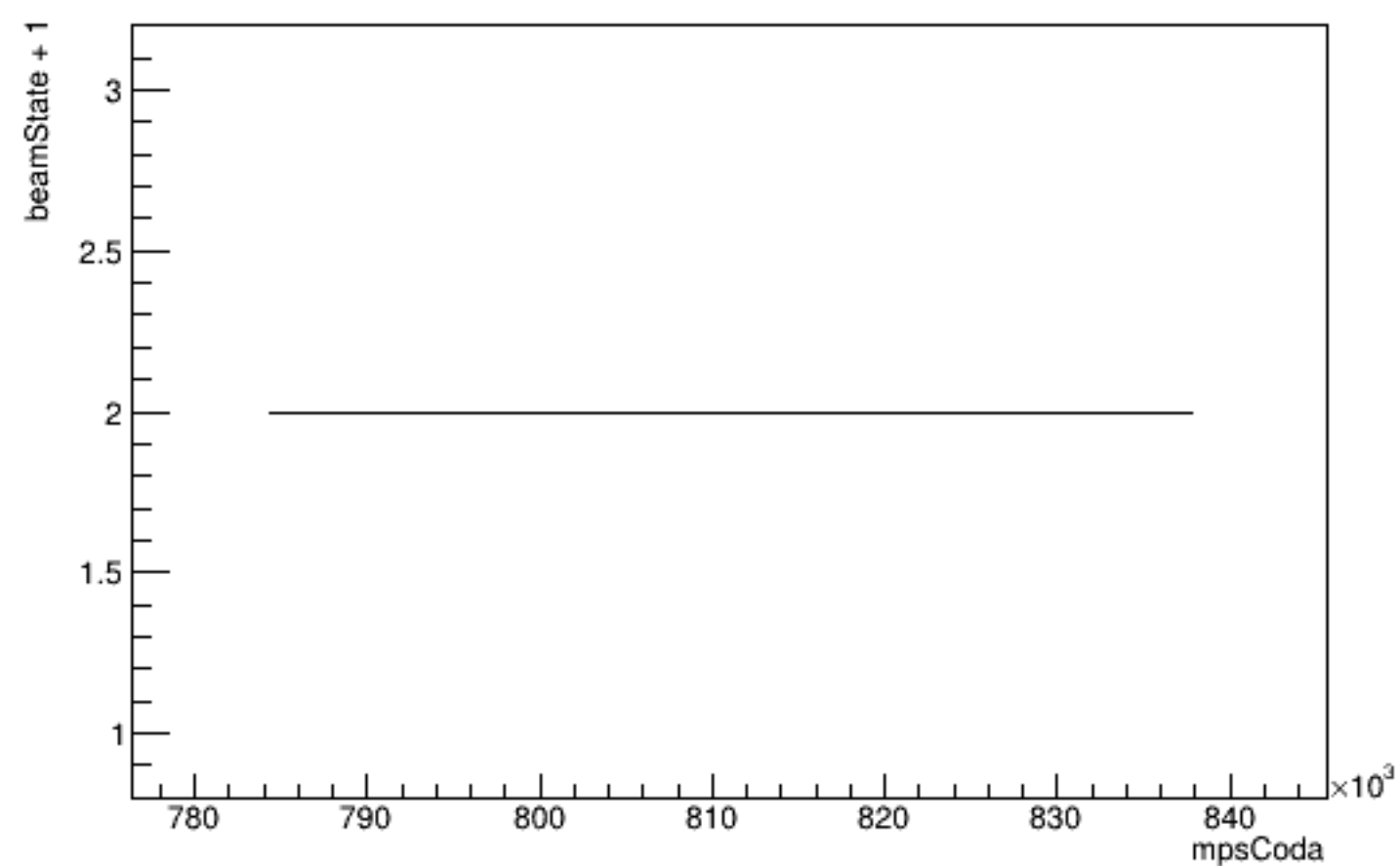
Acc0/NAcc0:mpsCoda (mpsCoda>=784375 && mpsCoda<=837790 && beamState==1)



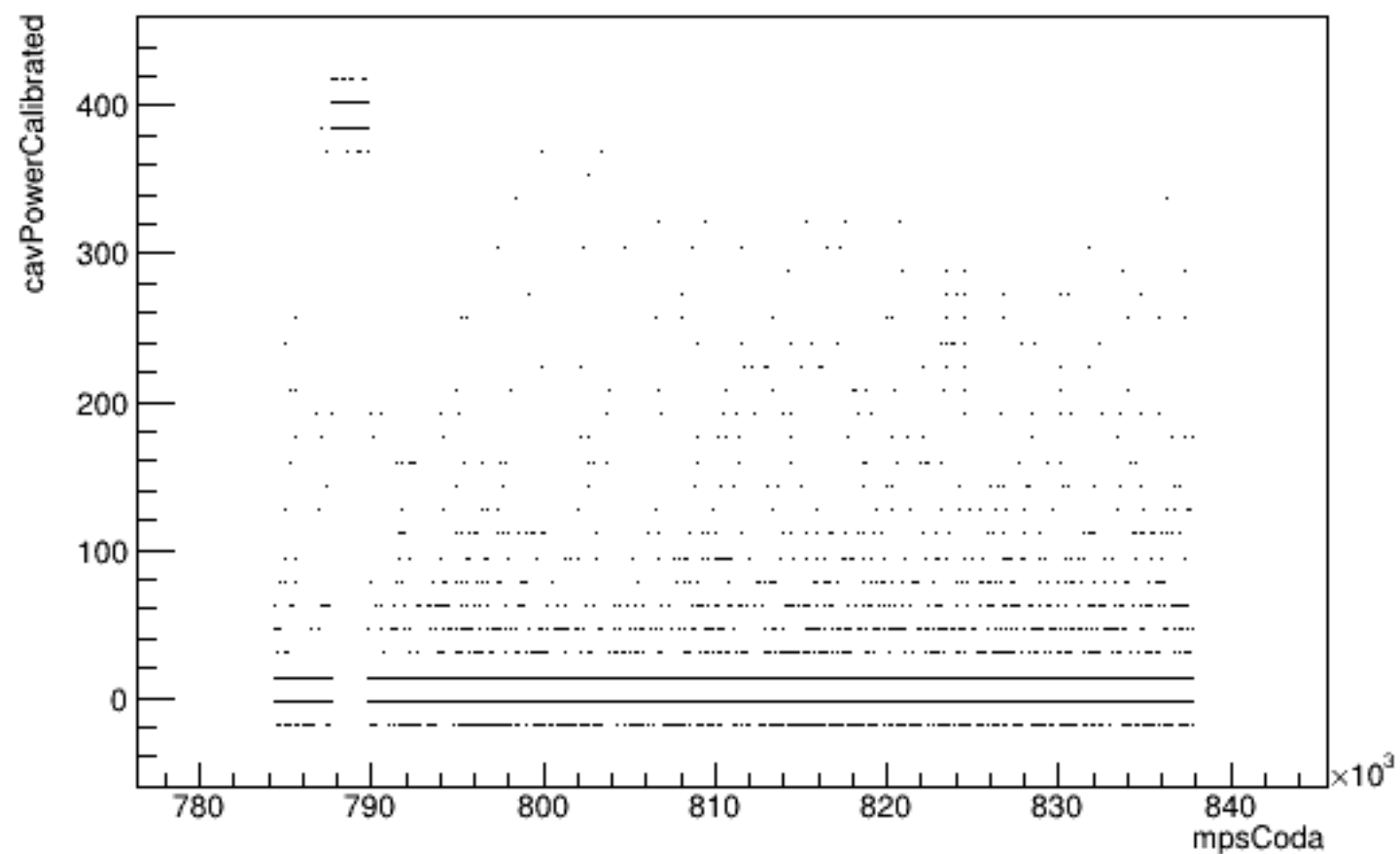
laserState:mpsCoda {mpsCoda>=784375 && mpsCoda<=837790}



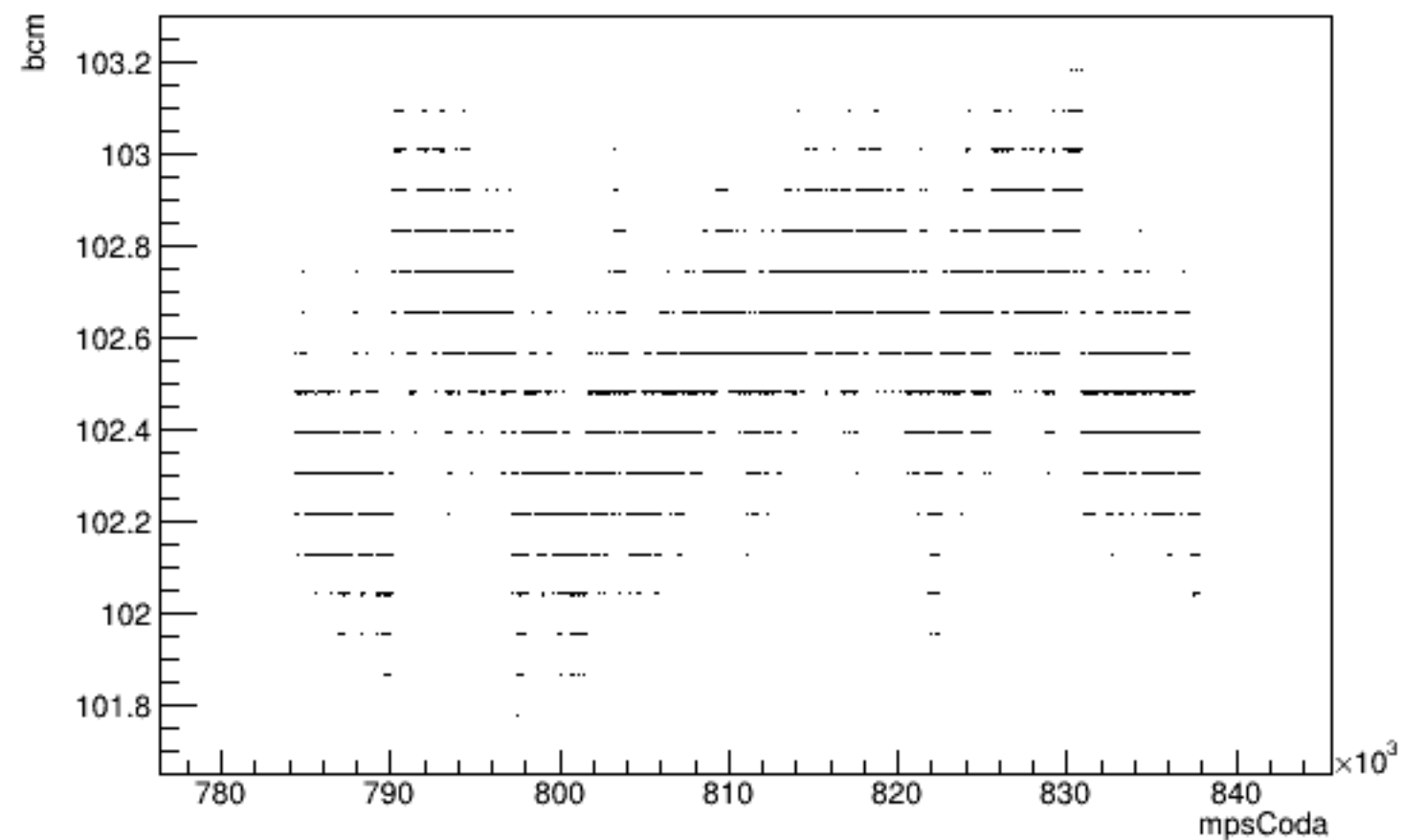
beamState + 1:mpsCoda {mpsCoda>=784375 && mpsCoda<=837790}



cavPowerCalibrated:mpsCoda {mpsCoda>=784375 && mpsCoda<=837790}



bcm:mpsCoda {mpsCoda>=784375 && mpsCoda<=837790}



Cycle 12, Diffs

Entries: 5257

Mean: -0.0008 +/- 0.0038

Std Dev: 0.2730 +/- 0.0027

Entries: 409

Mean: -0.0227 +/- 0.0134

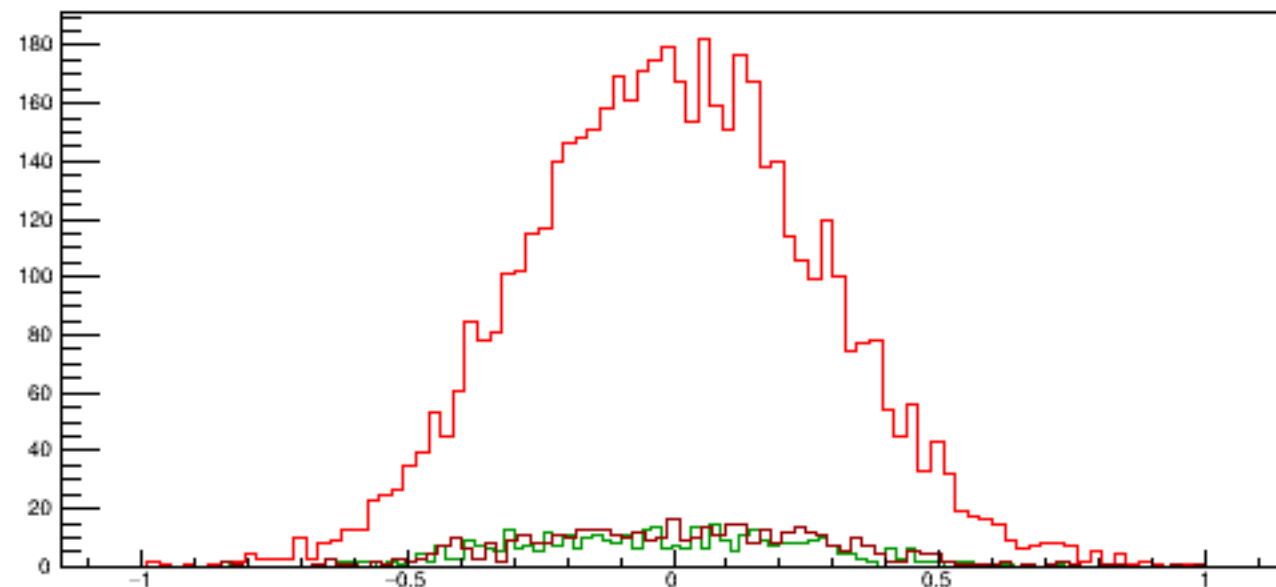
Std Dev: 0.2700 +/- 0.0094

Entries: 443

Mean: 0.0061 +/- 0.0140

Std Dev: 0.2948 +/- 0.0099

Run 4301 quartetwise, Diffs



Cycle 12, Sums

Entries: 5257

Mean: 14.8277 +/- 0.0048

Std Dev: 0.3499 +/- 0.0034

Entries: 409

Mean: 16.1097 +/- 0.0162

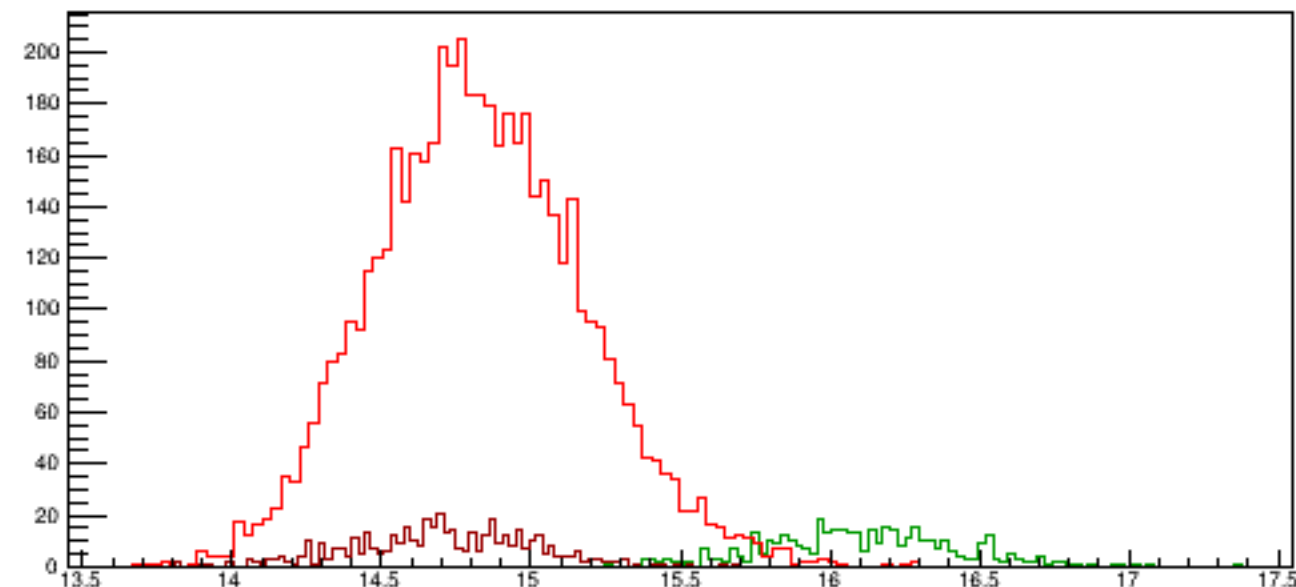
Std Dev: 0.3279 +/- 0.0115

Entries: 443

Mean: 14.7055 +/- 0.0145

Std Dev: 0.3060 +/- 0.0103

Run 4301 quartetwise, Sums



Cycle 12, Asyms

Entries: 5257

Mean: -0.0006 +/- 0.0028

Std Dev: 0.2033 +/- 0.0020

Entries: 409

Mean: -0.0168 +/- 0.0112

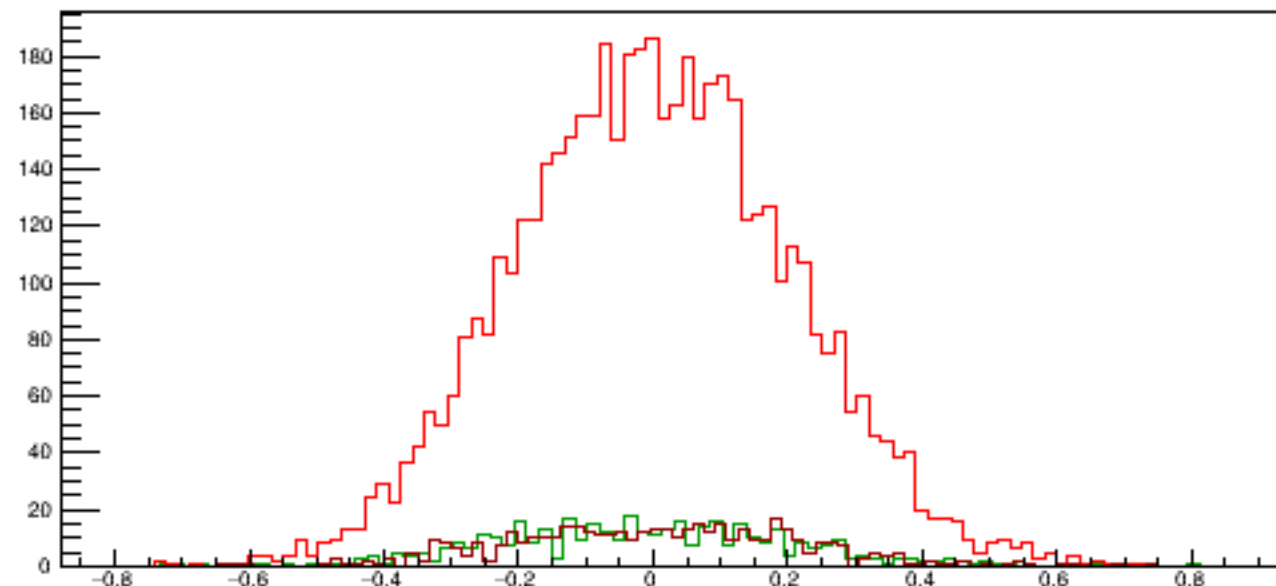
Std Dev: 0.2263 +/- 0.0079

Entries: 443

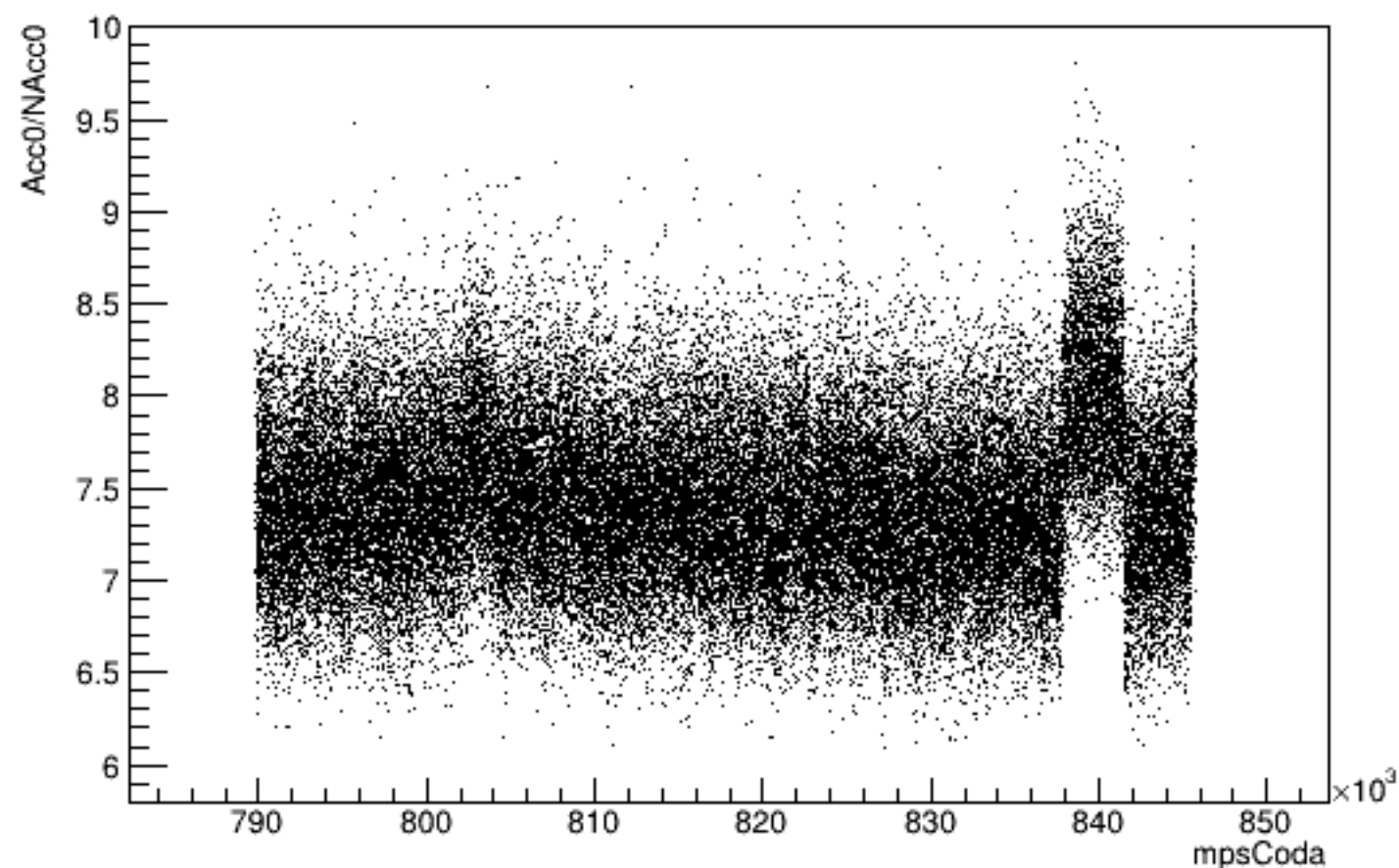
Mean: 0.0045 +/- 0.0104

Std Dev: 0.2195 +/- 0.0074

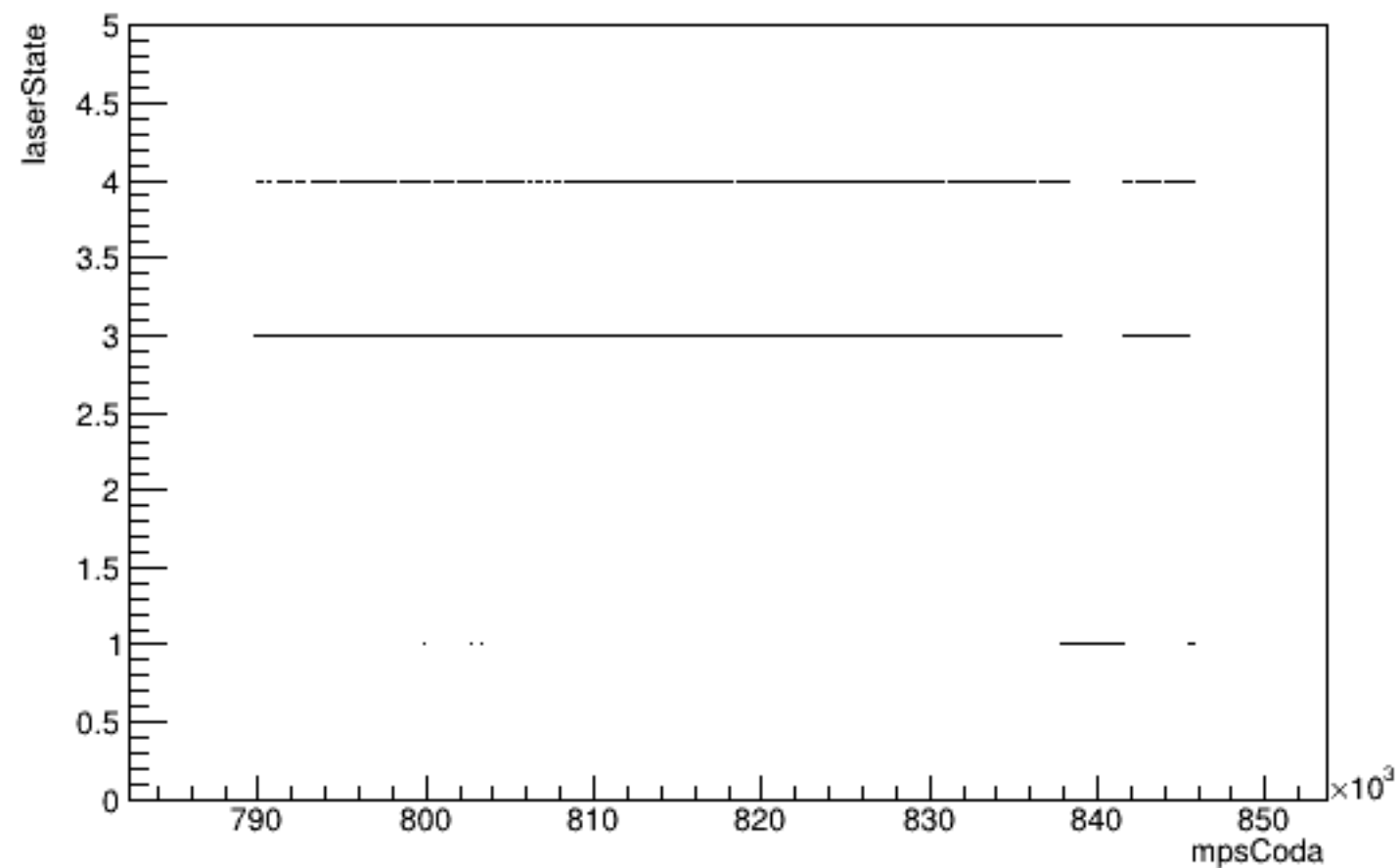
Run 4301 quartetwise, Asyms



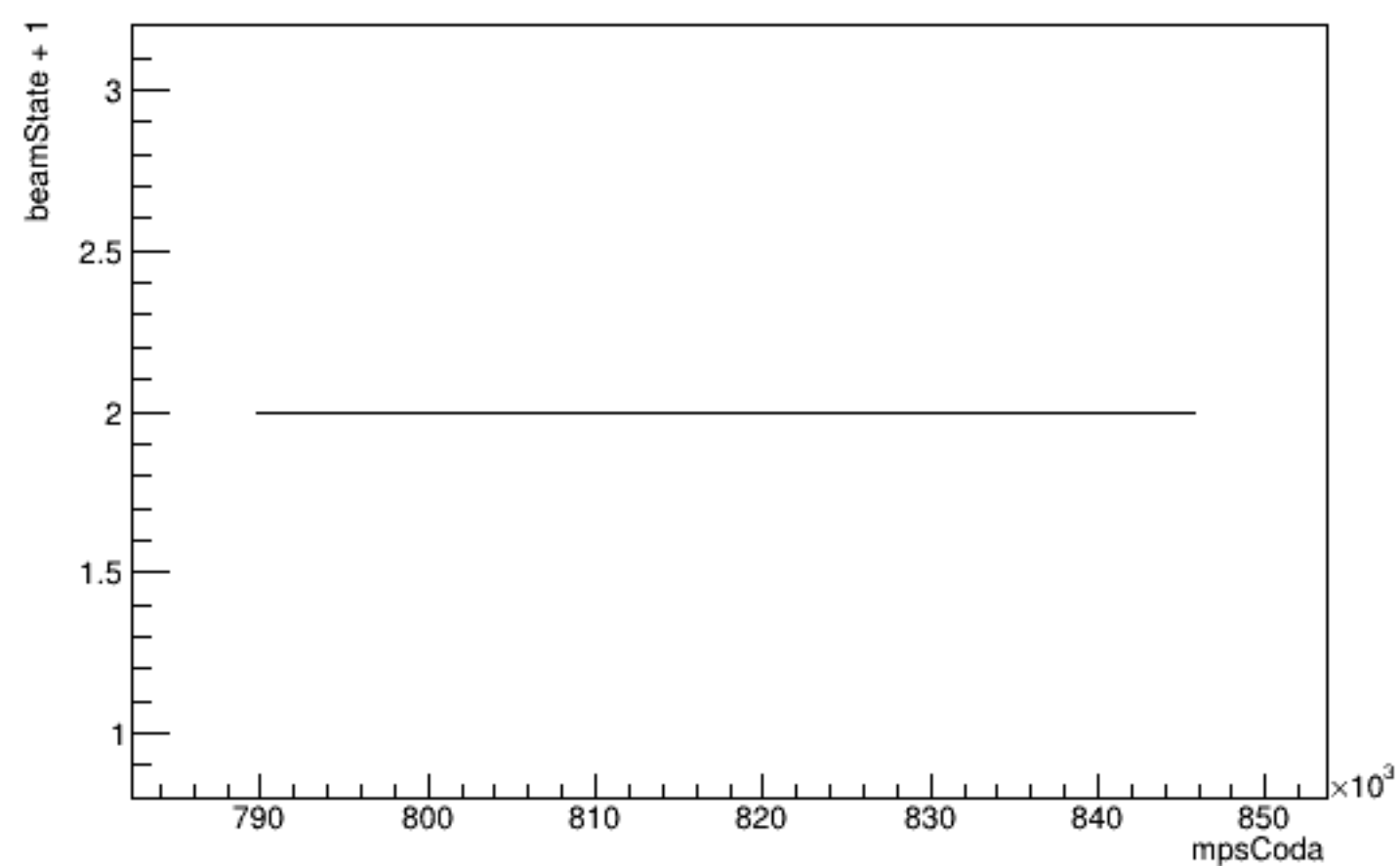
Acc0/NAcc0:mpsCoda (mpsCoda>=789847 && mpsCoda<=845702 && beamState==1)



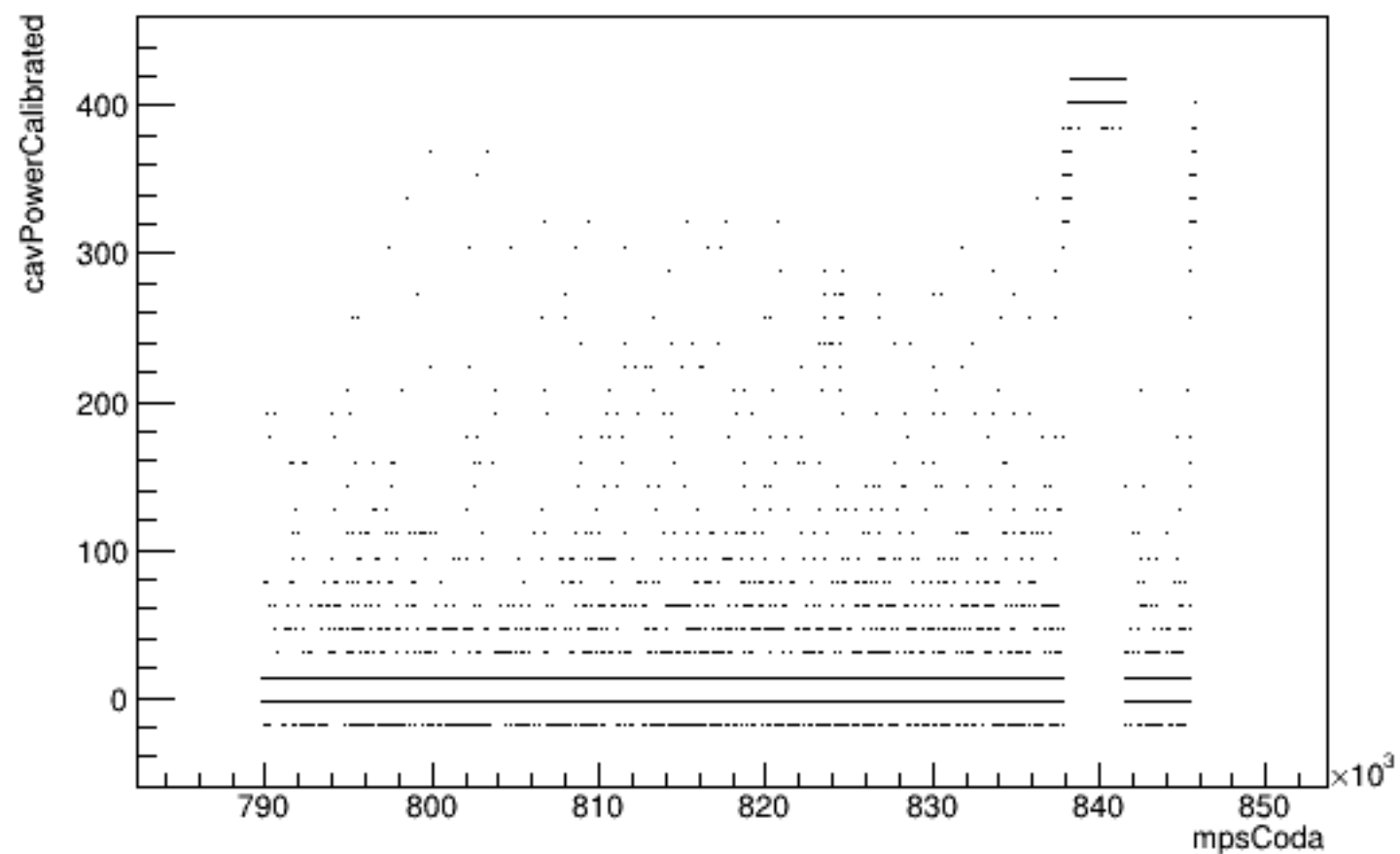
laserState:mpsCoda {mpsCoda>=789847 && mpsCoda<=845702}



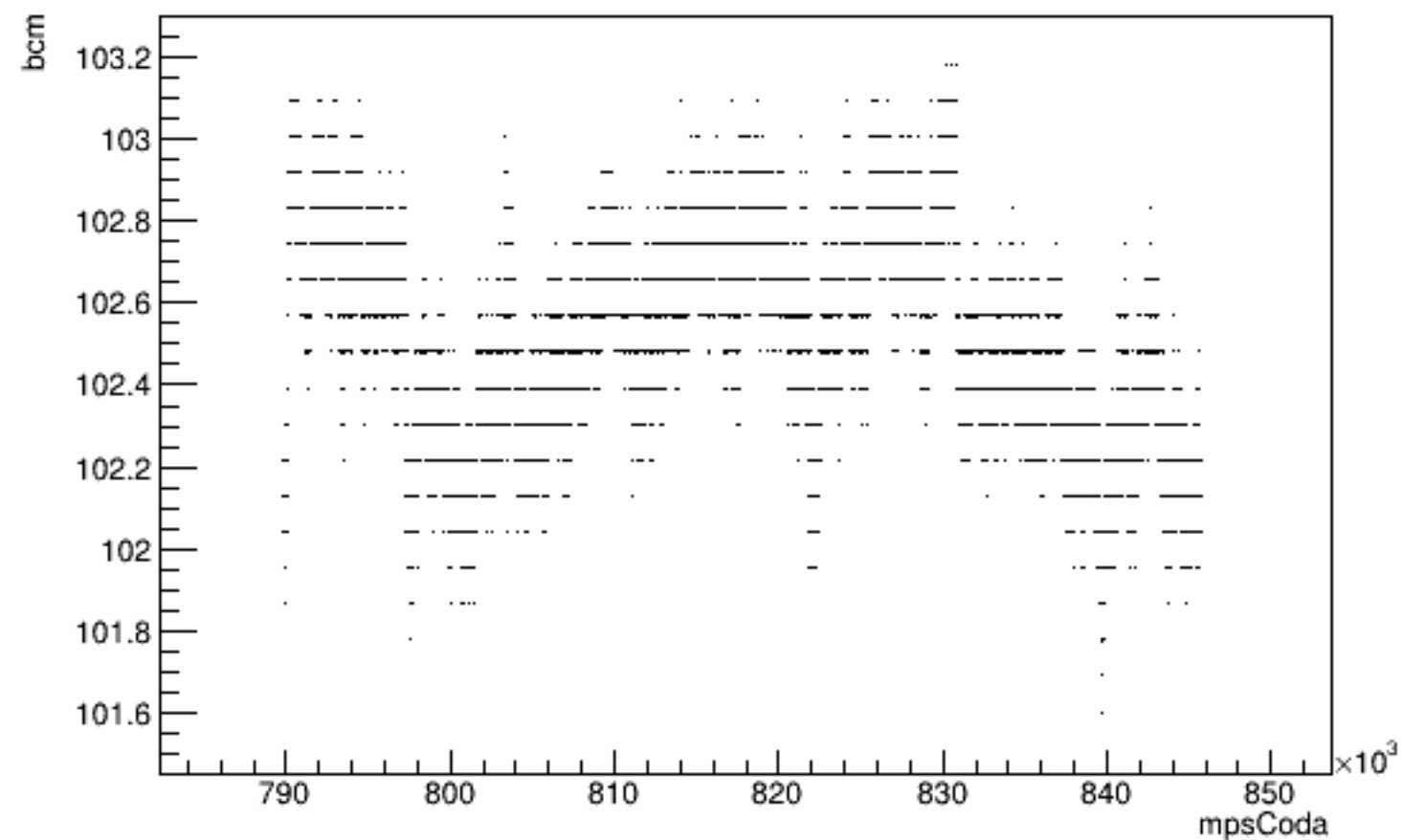
beamState + 1:mpsCoda {mpsCoda>=789847 && mpsCoda<=845702}



cavPowerCalibrated:mpsCoda {mpsCoda>=789847 && mpsCoda<=845702}



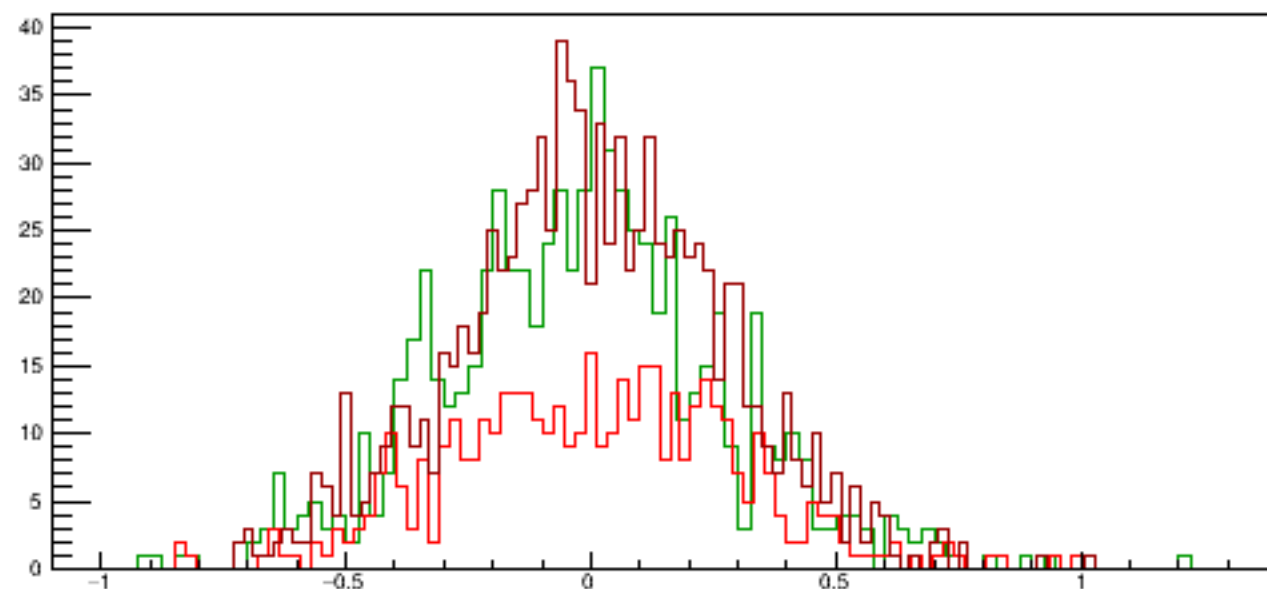
bcm:mpsCoda {mpsCoda>=789847 && mpsCoda<=845702}



Cycle 13, Diffs

Entries: 443	Entries: 729	Entries: 1002
Mean: 0.0061 +/- 0.0140	Mean: -0.0199 +/- 0.0107	Mean: 0.0019 +/- 0.0086
Std Dev: 0.2948 +/- 0.0099	Std Dev: 0.2900 +/- 0.0076	Std Dev: 0.2719 +/- 0.0061

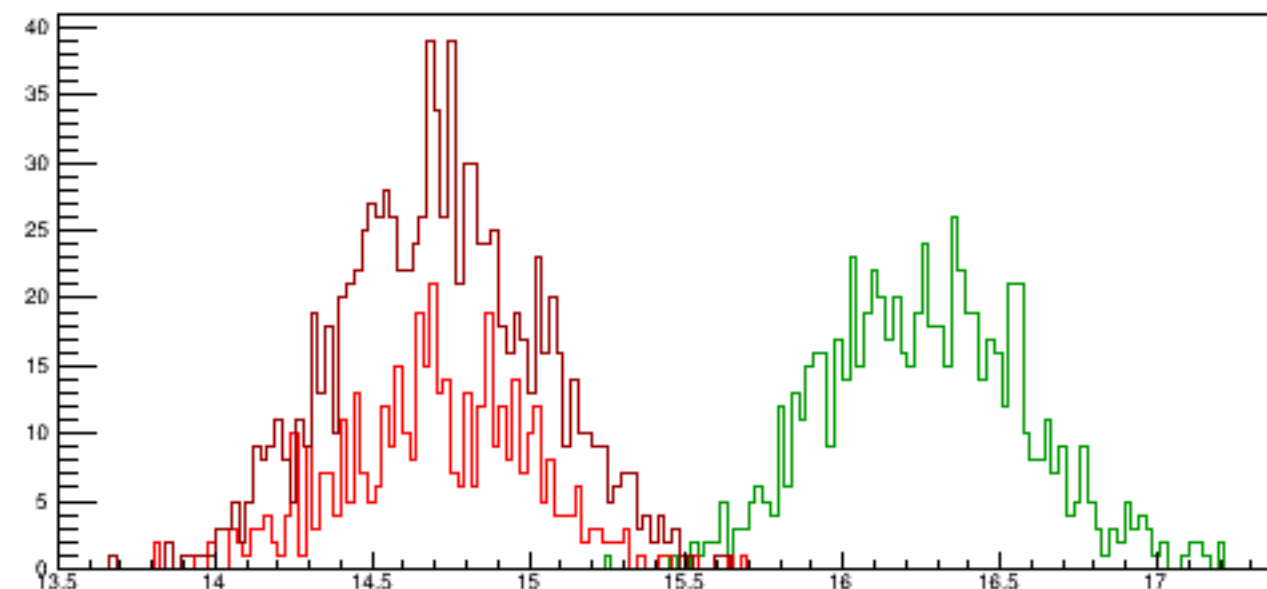
Run 4301 quartetwise, Diffs



Cycle 13, Sums

Entries: 443	Entries: 729	Entries: 1002
Mean: 14.7055 +/- 0.0145	Mean: 16.2623 +/- 0.0118	Mean: 14.7112 +/- 0.0099
Std Dev: 0.3060 +/- 0.0103	Std Dev: 0.3190 +/- 0.0084	Std Dev: 0.3140 +/- 0.0070

Run 4301 quartetwise, Sums

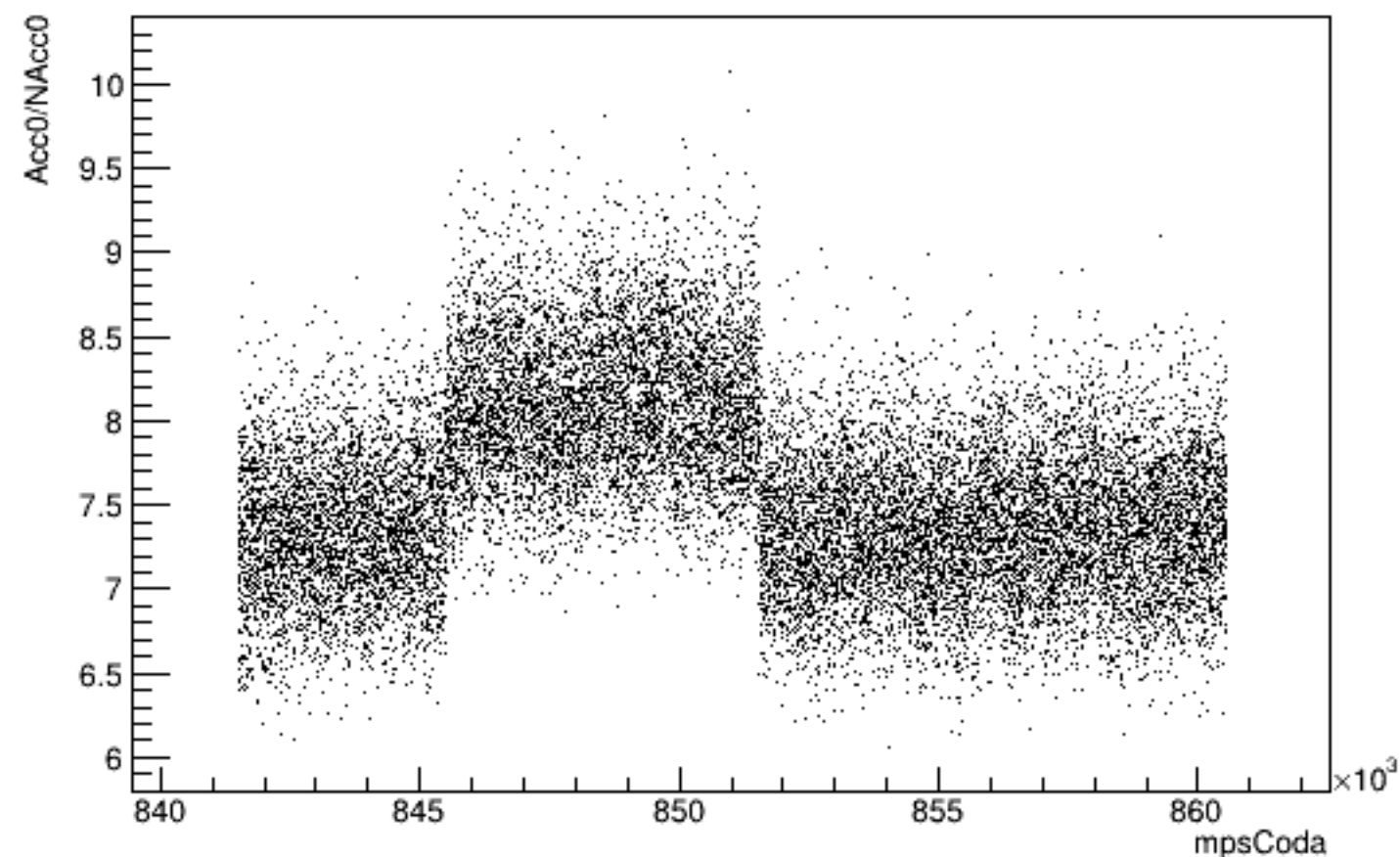
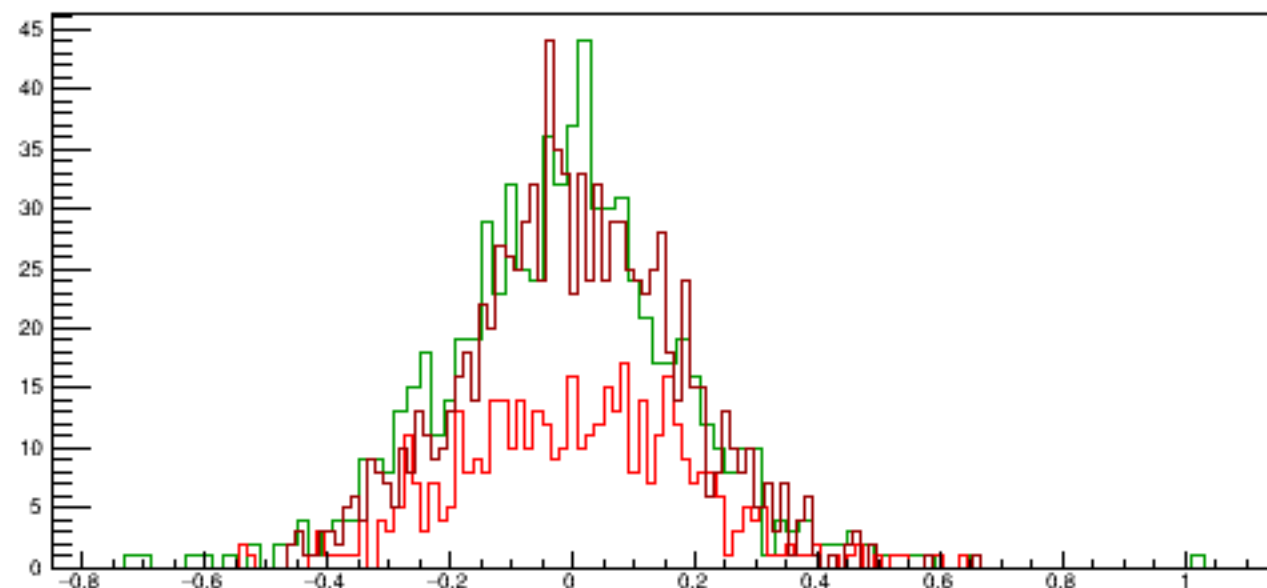


Acc0/NAcc0:mpsCoda (mpsCoda>=841495 && mpsCoda<=860550 && beamState==1)

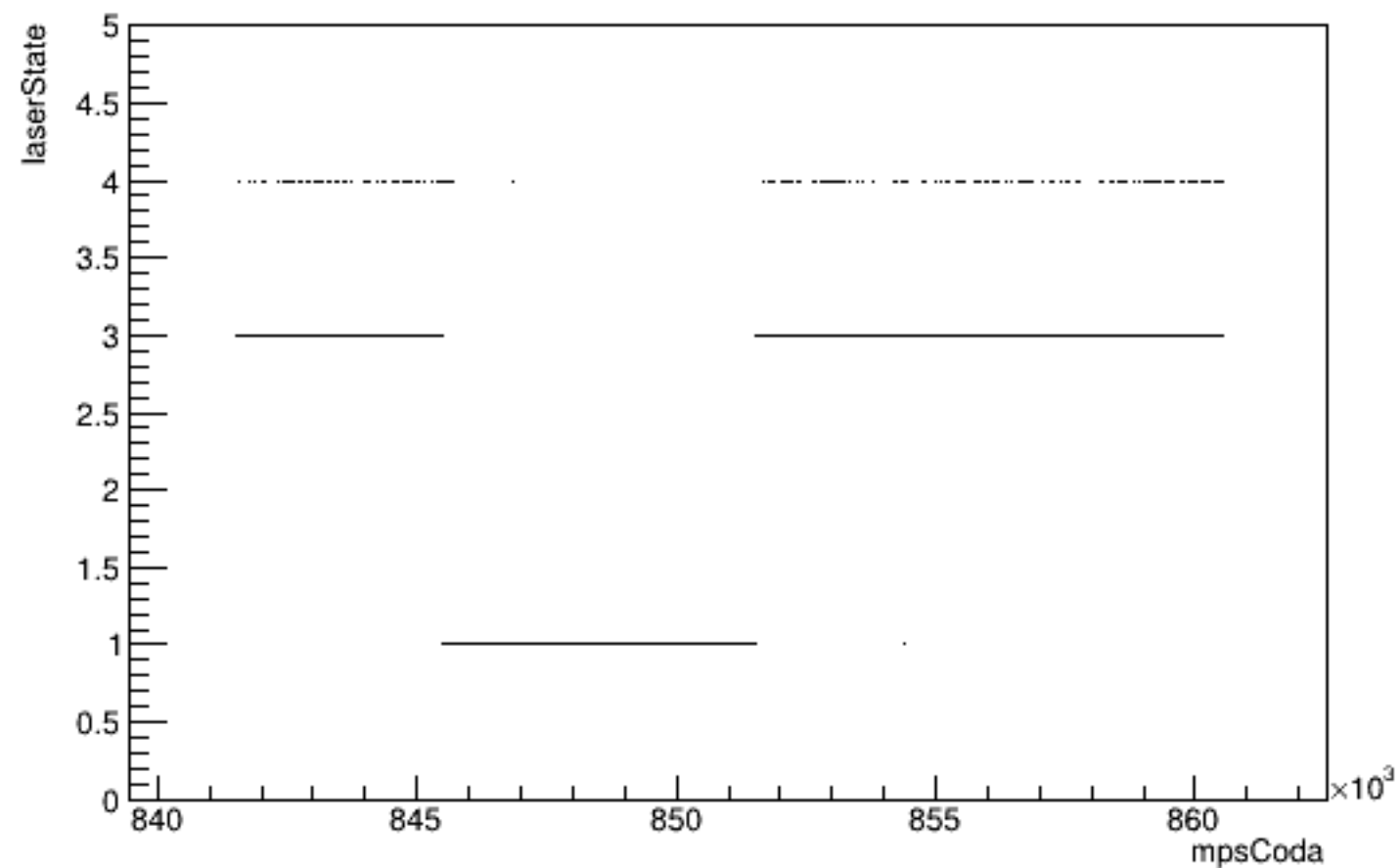
Cycle 13, Asyms

Entries: 443	Entries: 729	Entries: 1002
Mean: 0.0039 +/- 0.0090	Mean: -0.0141 +/- 0.0073	Mean: 0.0013 +/- 0.0055
Std Dev: 0.1897 +/- 0.0064	Std Dev: 0.1967 +/- 0.0052	Std Dev: 0.1750 +/- 0.0039

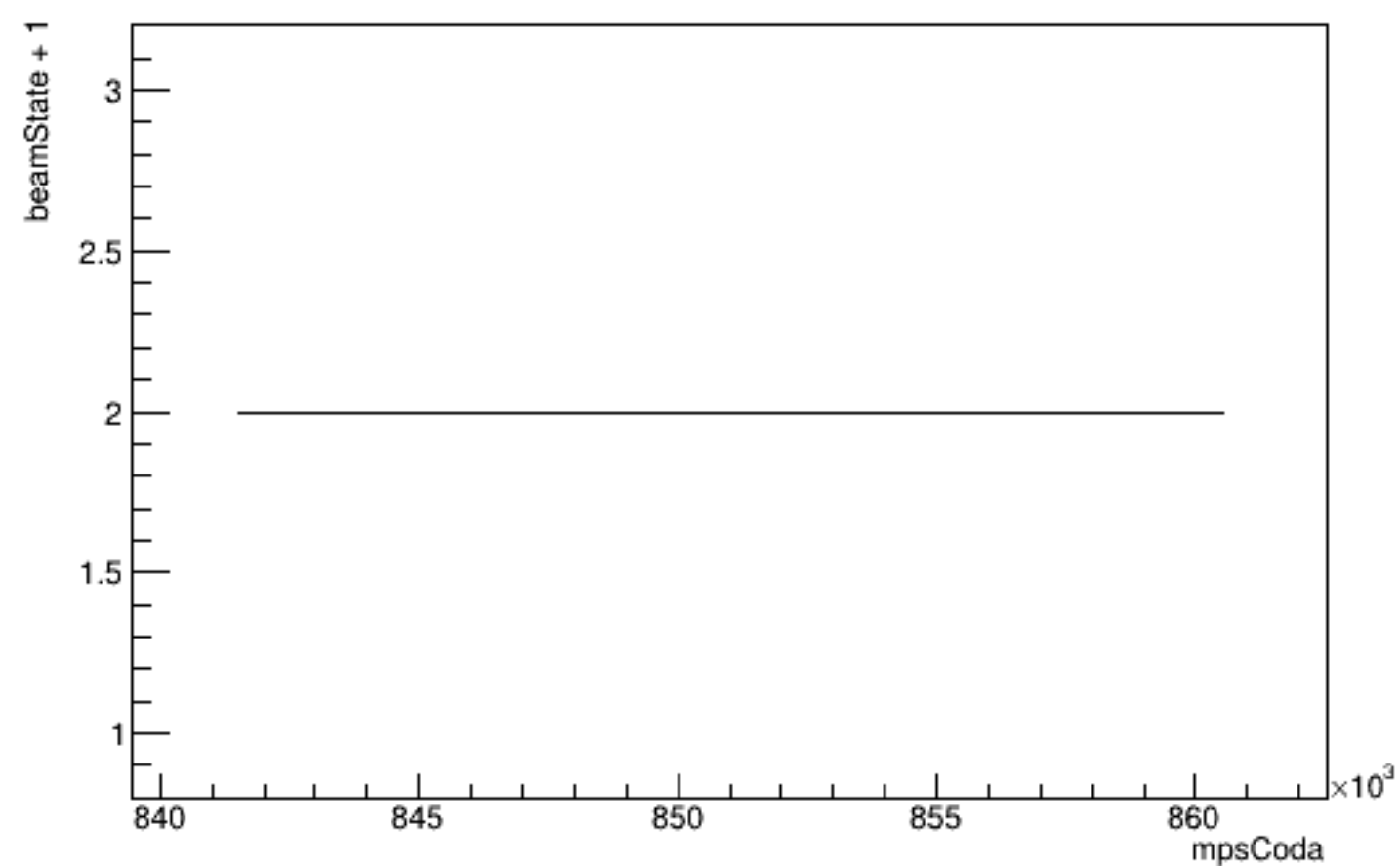
Run 4301 quartetwise, Asyms



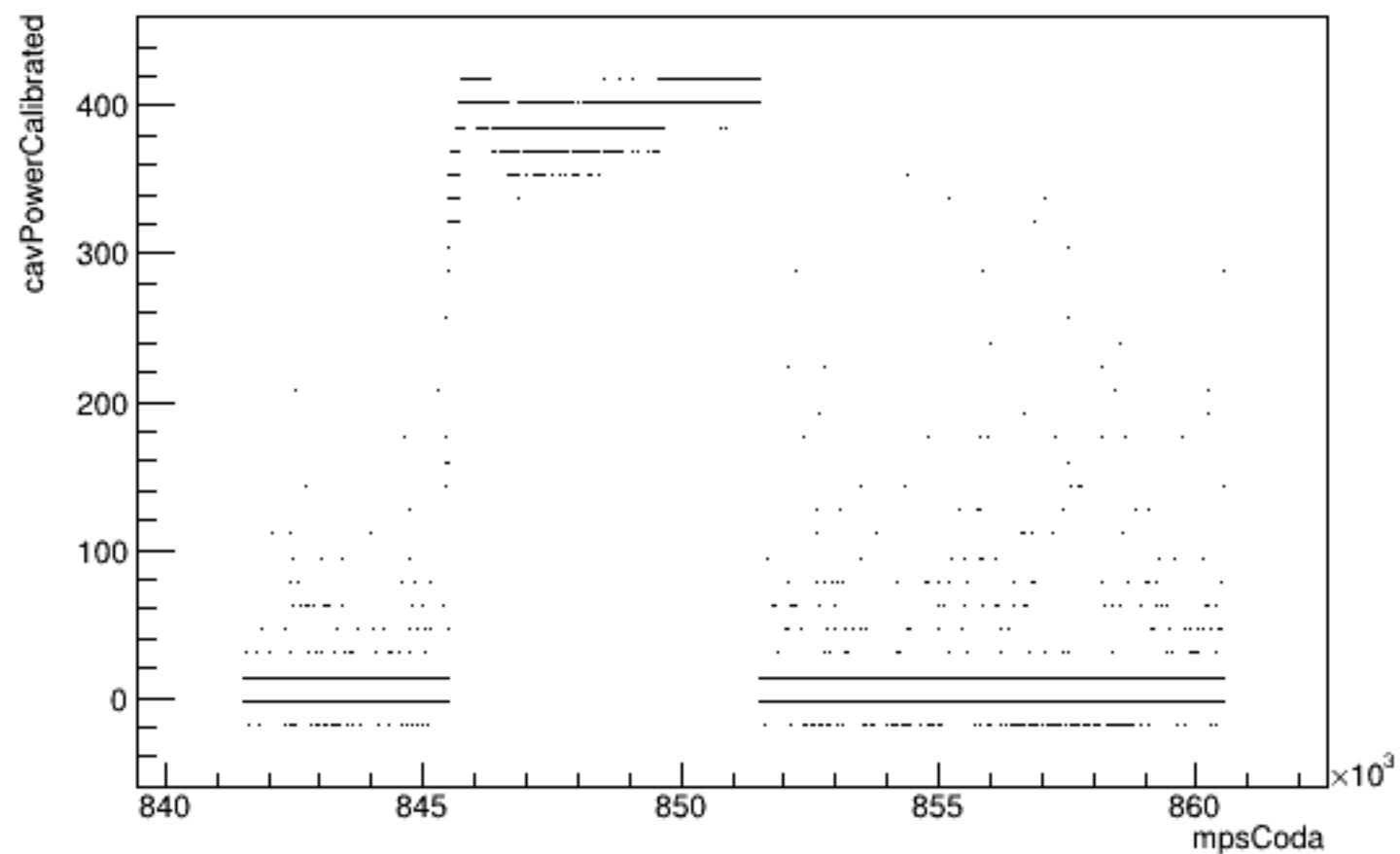
laserState:mpsCoda {mpsCoda>=841495 && mpsCoda<=860550}



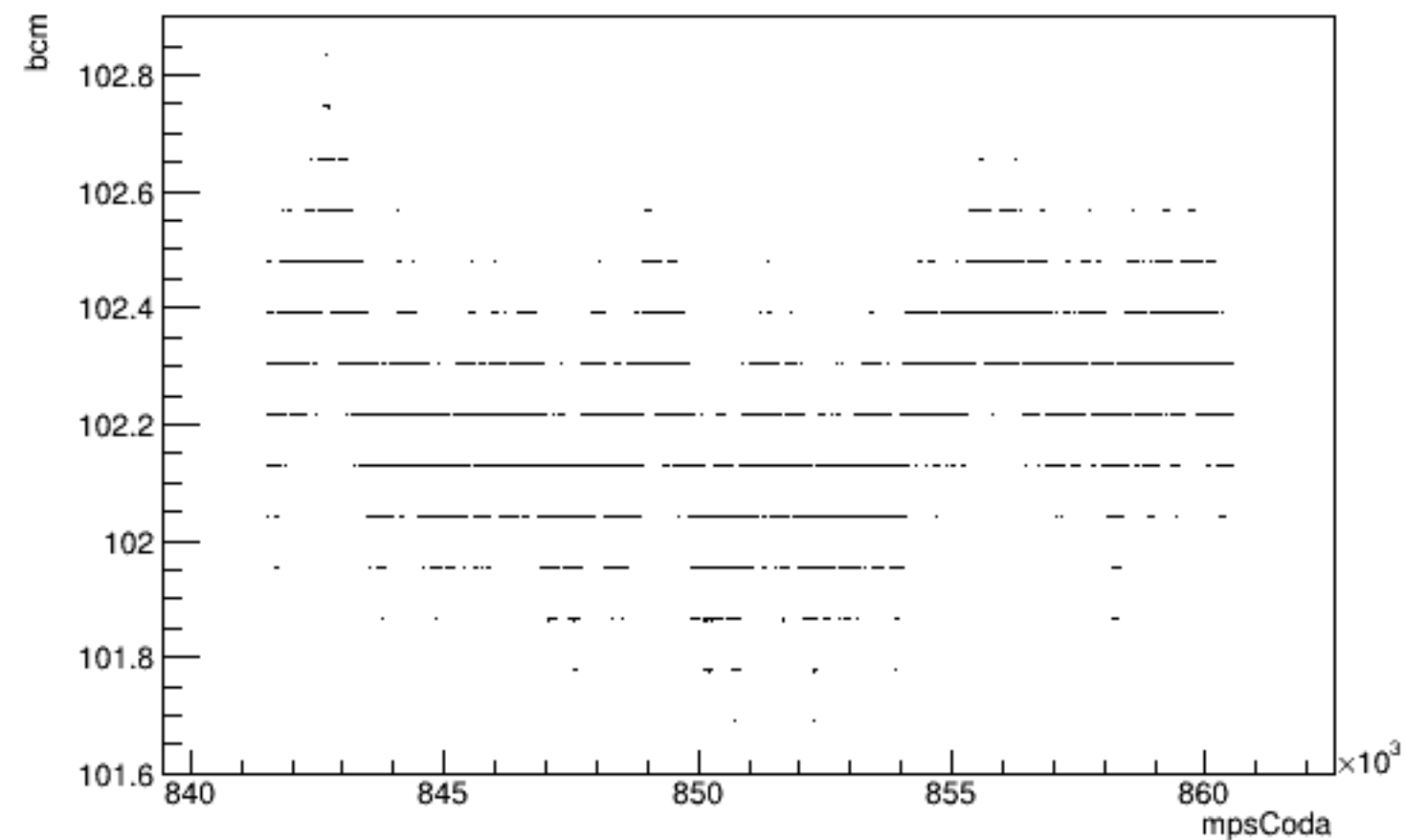
beamState + 1:mpsCoda {mpsCoda>=841495 && mpsCoda<=860550}



cavPowerCalibrated:mpsCoda {mpsCoda>=841495 && mpsCoda<=860550}



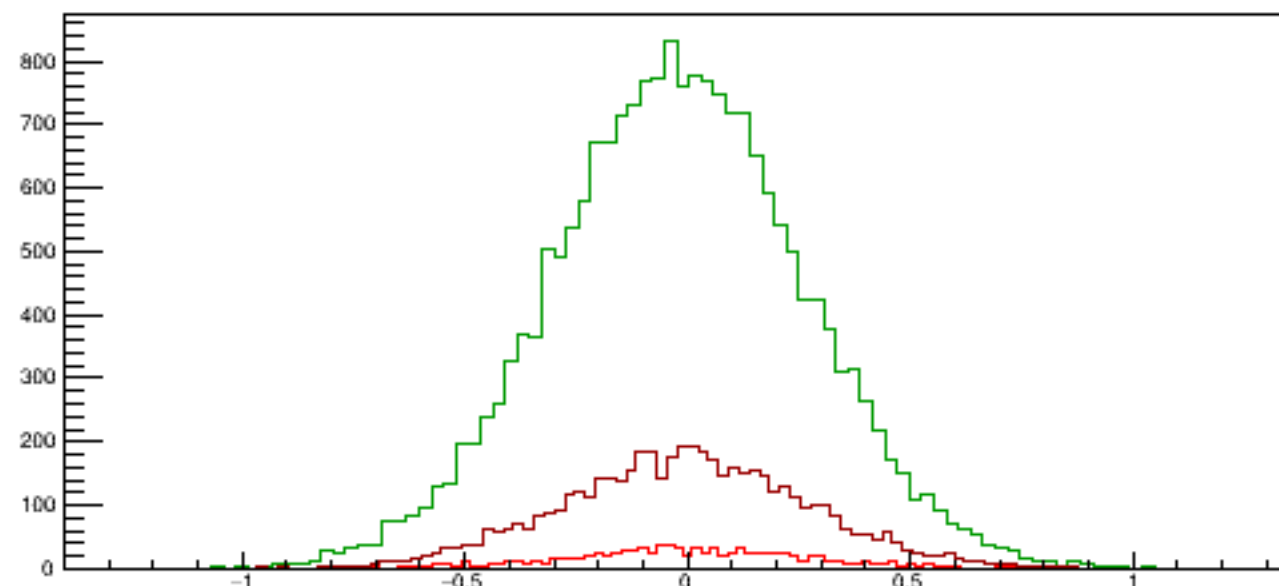
bcm:mpsCoda {mpsCoda>=841495 && mpsCoda<=860550}



Cycle 14, Diffs

Entries: 1002	Entries: 20128	Entries: 5219
Mean: 0.0019 +/- 0.0086	Mean: -0.0225 +/- 0.0020	Mean: -0.0046 +/- 0.0038
Std Dev: 0.2719 +/- 0.0061	Std Dev: 0.2836 +/- 0.0014	Std Dev: 0.2764 +/- 0.0027

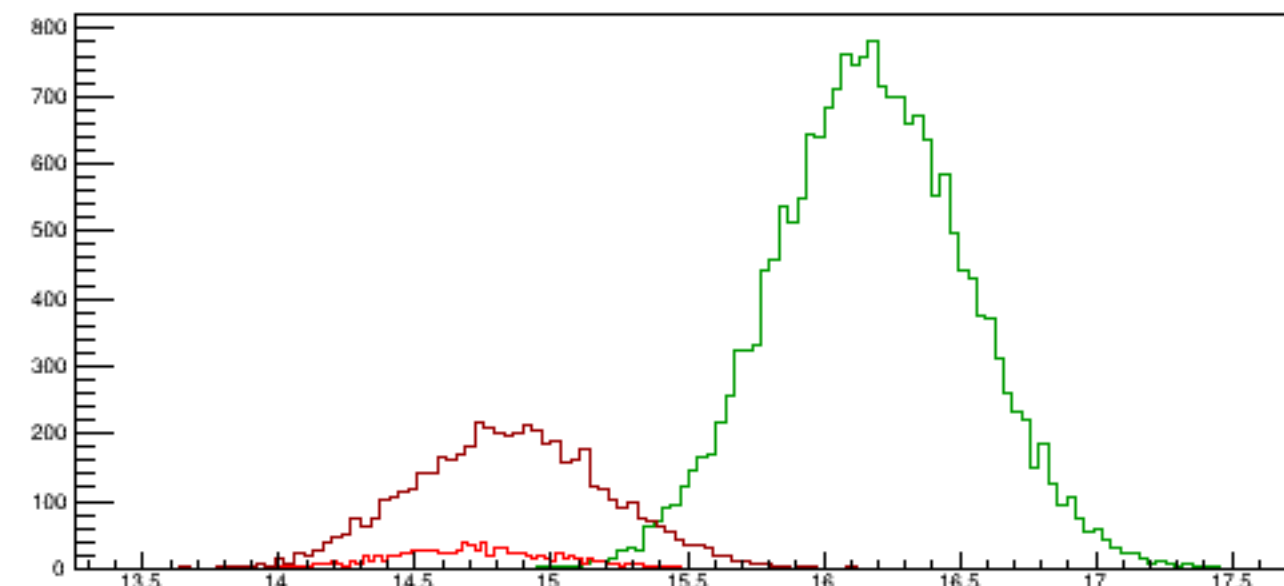
Run 4301 quartetwise, Diffs



Cycle 14, Sums

Entries: 1002	Entries: 20128	Entries: 5219
Mean: 14.7112 +/- 0.0099	Mean: 16.1752 +/- 0.0025	Mean: 14.8458 +/- 0.0050
Std Dev: 0.3140 +/- 0.0070	Std Dev: 0.3549 +/- 0.0018	Std Dev: 0.3579 +/- 0.0035

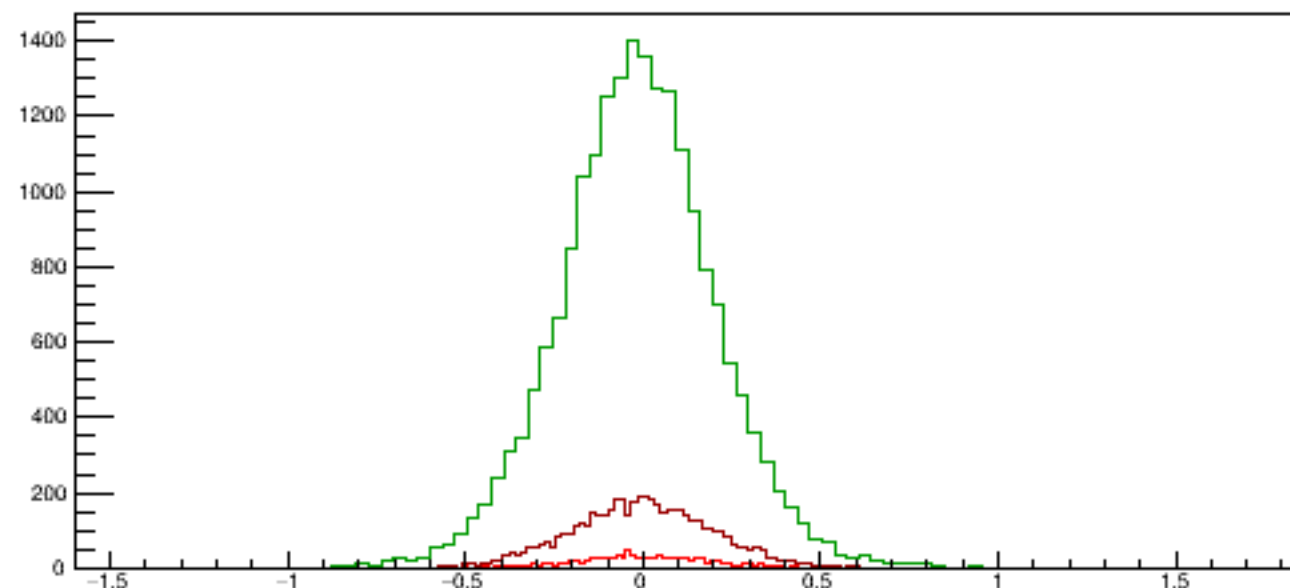
Run 4301 quartetwise, Sums



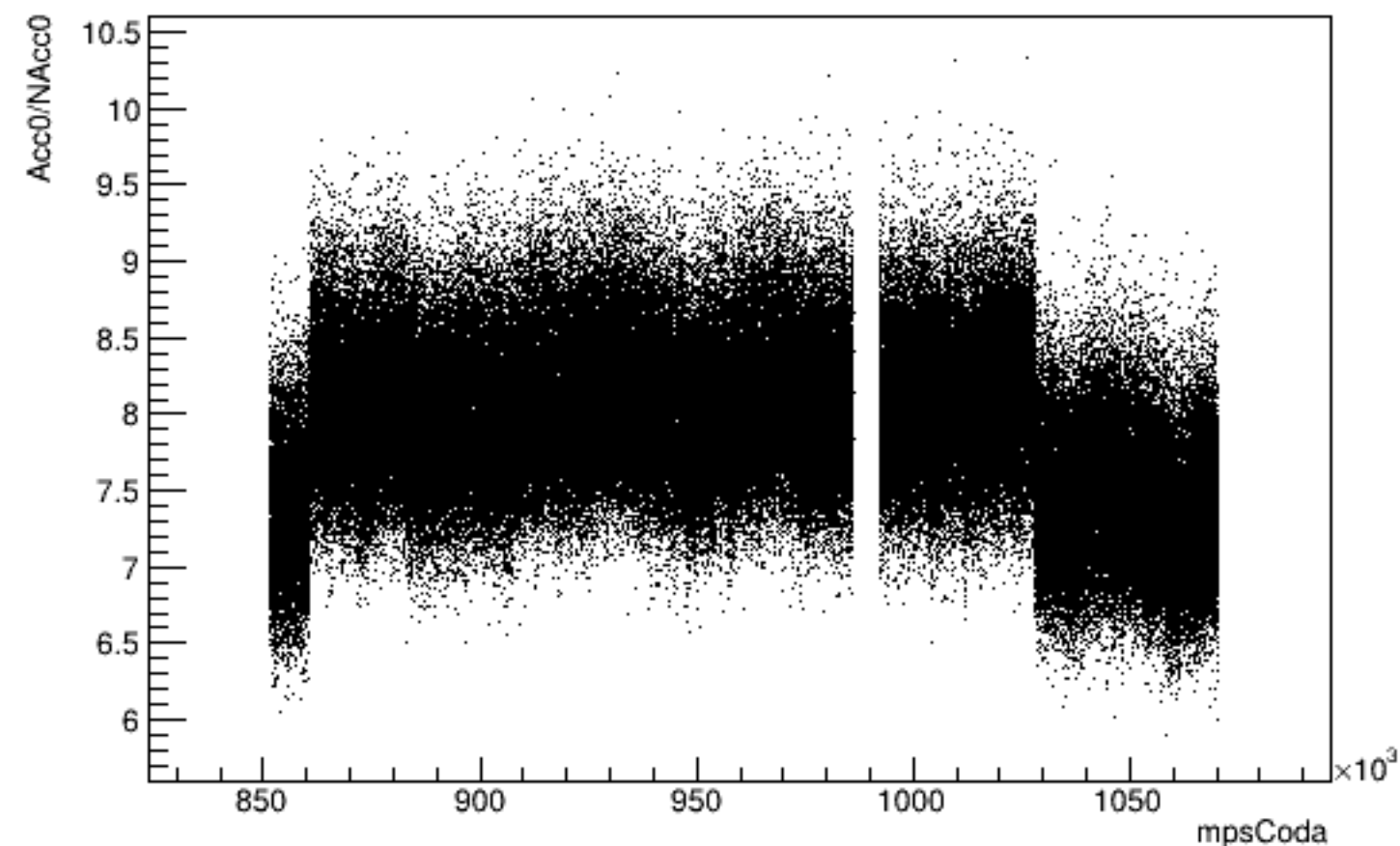
Cycle 14, Asyms

Entries: 1002	Entries: 20128	Entries: 5219
Mean: 0.0014 +/- 0.0062	Mean: -0.0170 +/- 0.0016	Mean: -0.0033 +/- 0.0027
Std Dev: 0.1947 +/- 0.0043	Std Dev: 0.2222 +/- 0.0011	Std Dev: 0.1979 +/- 0.0019

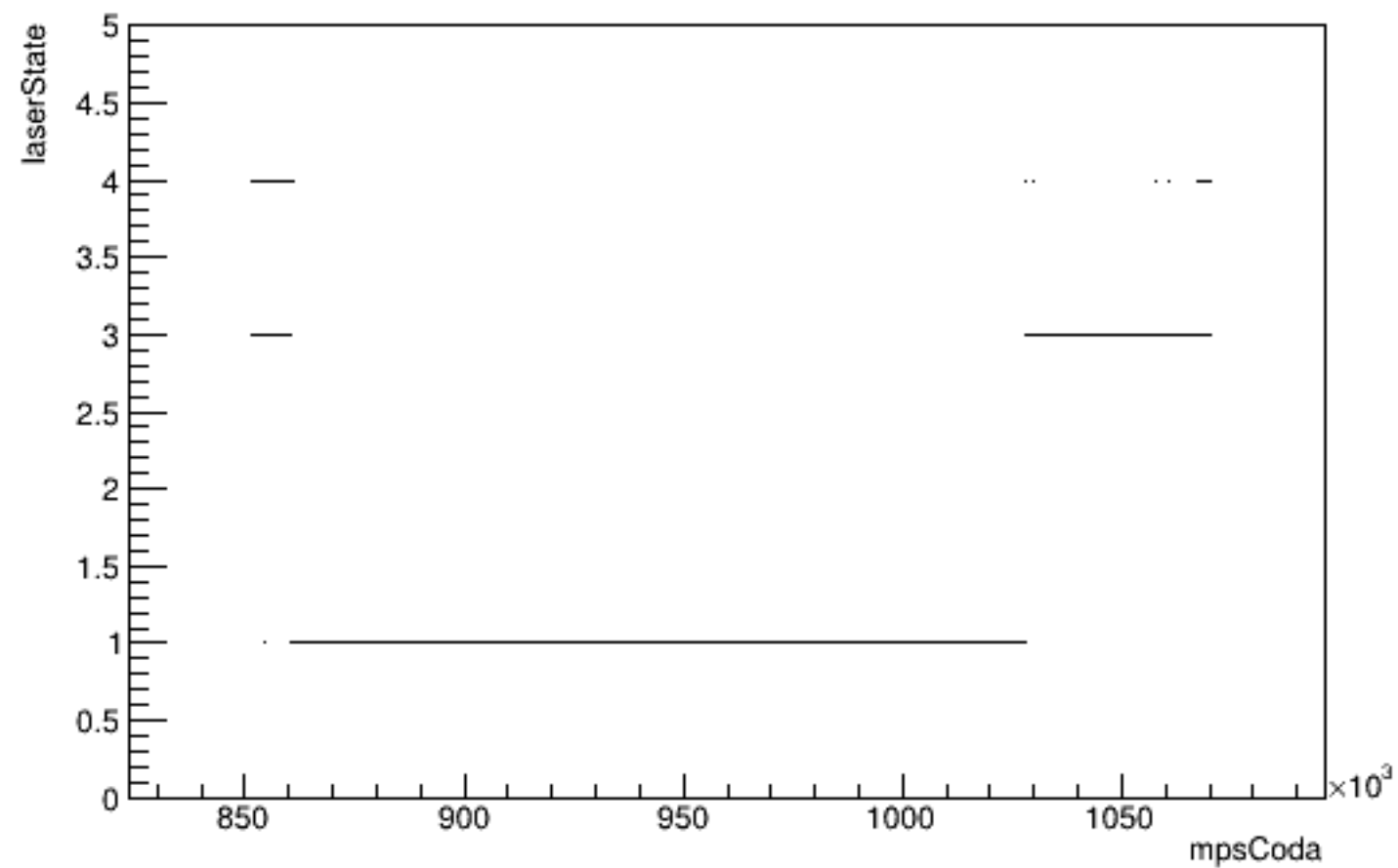
Run 4301 quartetwise, Asyms



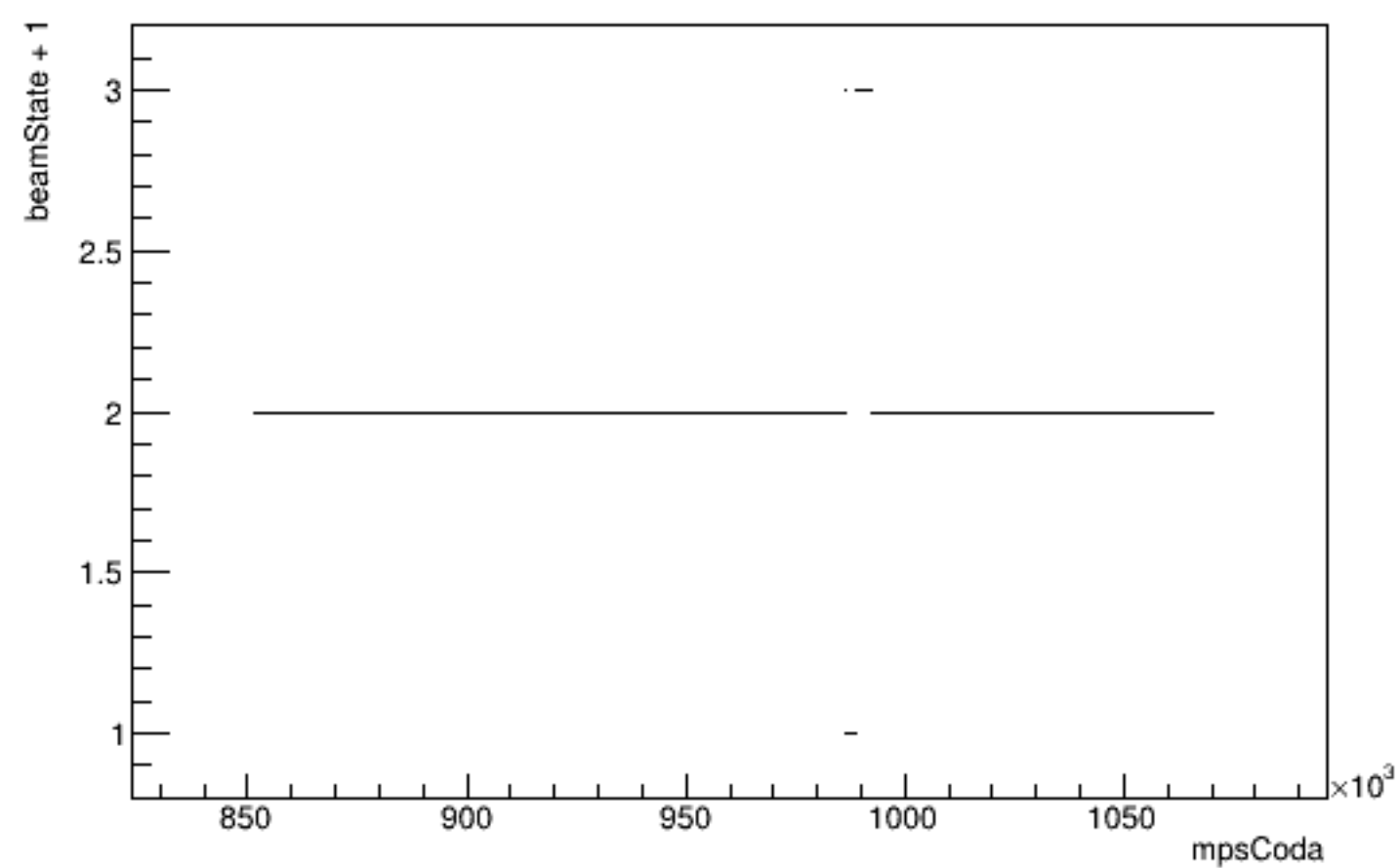
Acc0/NAcc0:mpsCoda (mpsCoda>=851543 && mpsCoda<=1070310 && beamState==1)



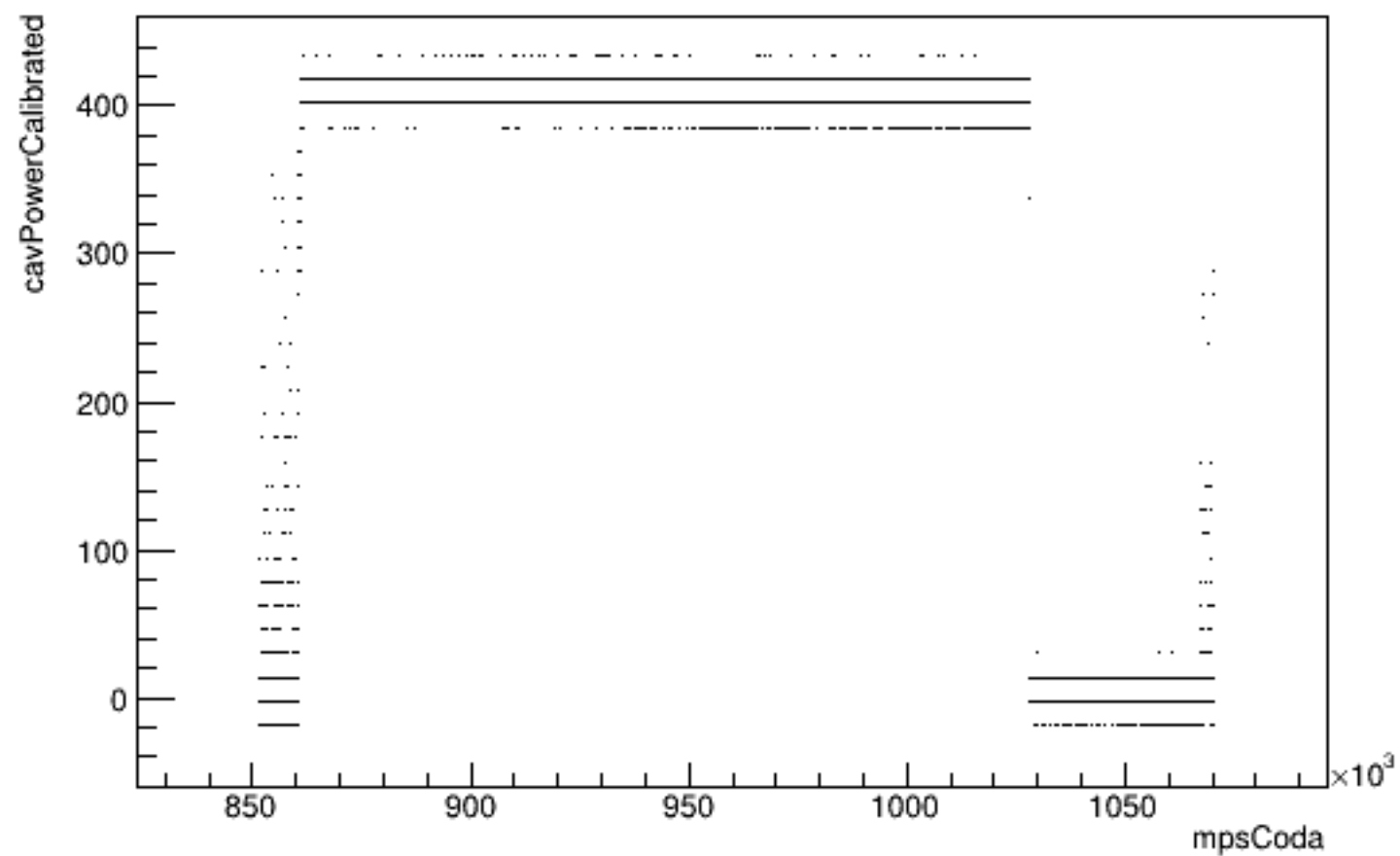
laserState:mpsCoda {mpsCoda>=851543 && mpsCoda<=1070310}



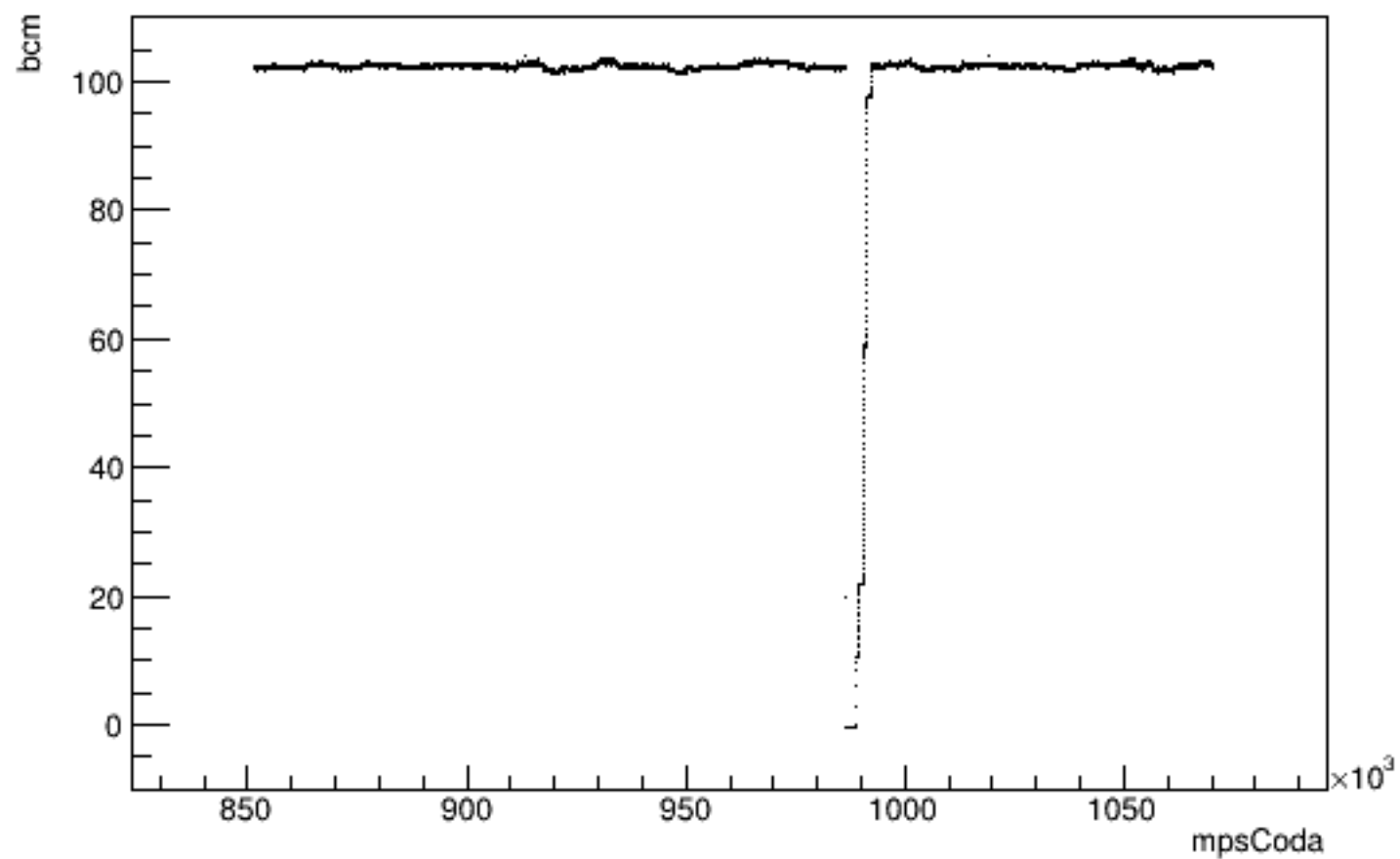
beamState + 1:mpsCoda {mpsCoda>=851543 && mpsCoda<=1070310}



cavPowerCalibrated:mpsCoda {mpsCoda>=851543 && mpsCoda<=1070310}



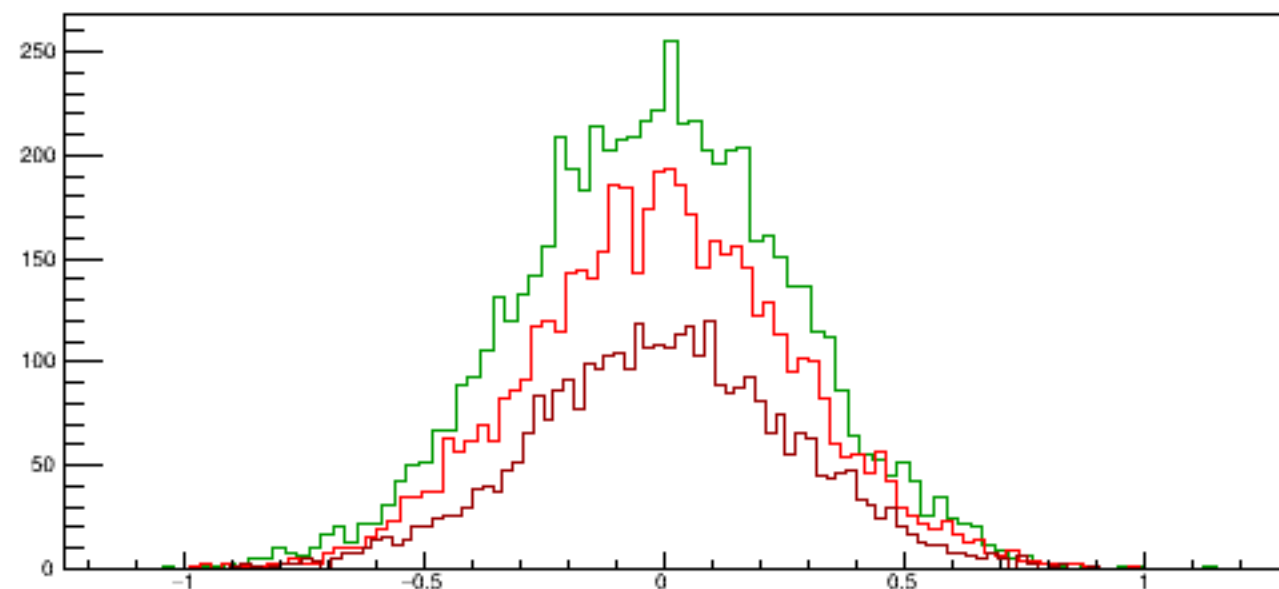
bcm:mpsCoda {mpsCoda>=851543 && mpsCoda<=1070310}



Cycle 15, Diffs

Entries: 5219	Entries: 6310	Entries: 3517
Mean: -0.0046 +/- 0.0038	Mean: -0.0180 +/- 0.0036	Mean: -0.0024 +/- 0.0046
Std Dev: 0.2764 +/- 0.0027	Std Dev: 0.2853 +/- 0.0025	Std Dev: 0.2703 +/- 0.0032

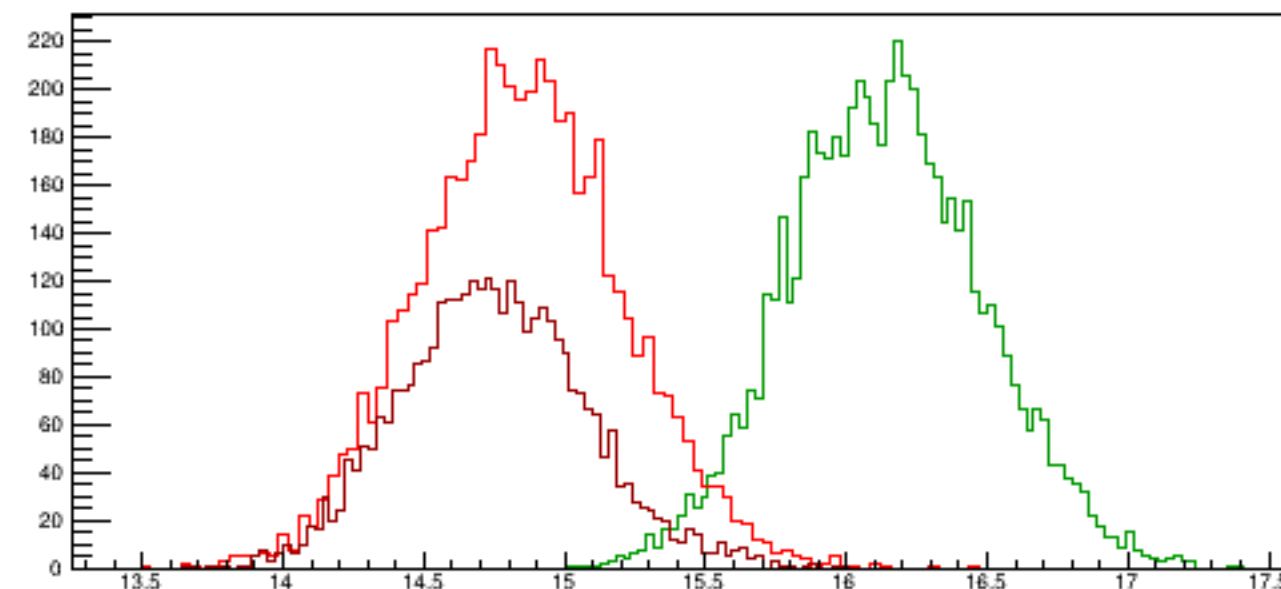
Run 4301 quartetwise, Diffs



Cycle 15, Sums

Entries: 5219	Entries: 6310	Entries: 3517
Mean: 14.8458 +/- 0.0050	Mean: 16.1390 +/- 0.0043	Mean: 14.7473 +/- 0.0055
Std Dev: 0.3579 +/- 0.0035	Std Dev: 0.3447 +/- 0.0031	Std Dev: 0.3289 +/- 0.0039

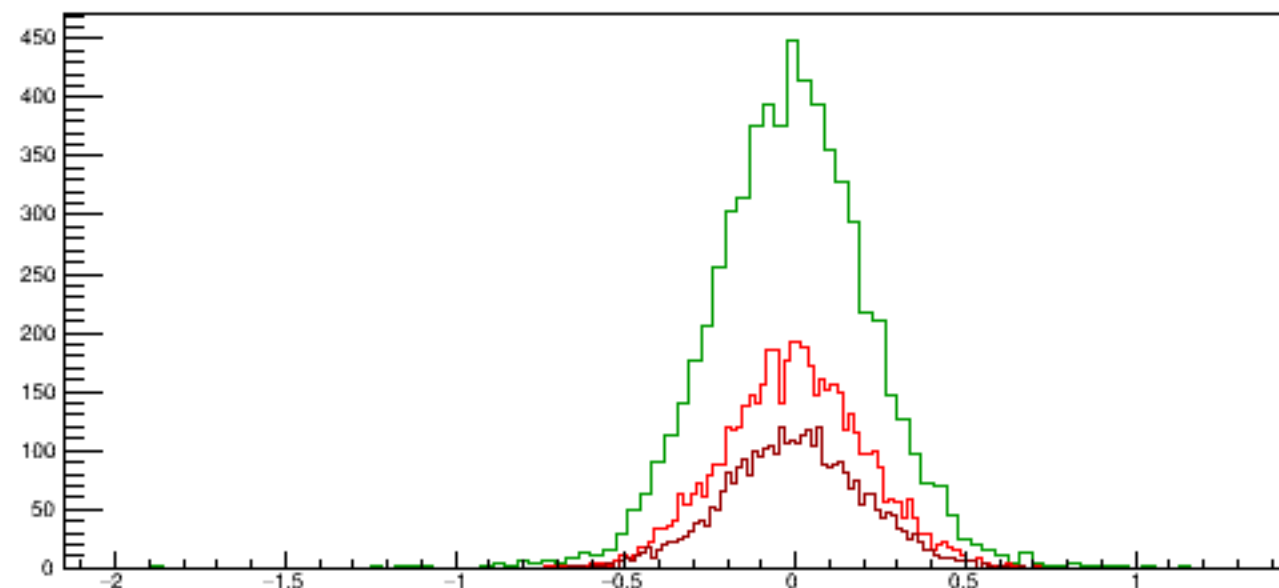
Run 4301 quartetwise, Sums



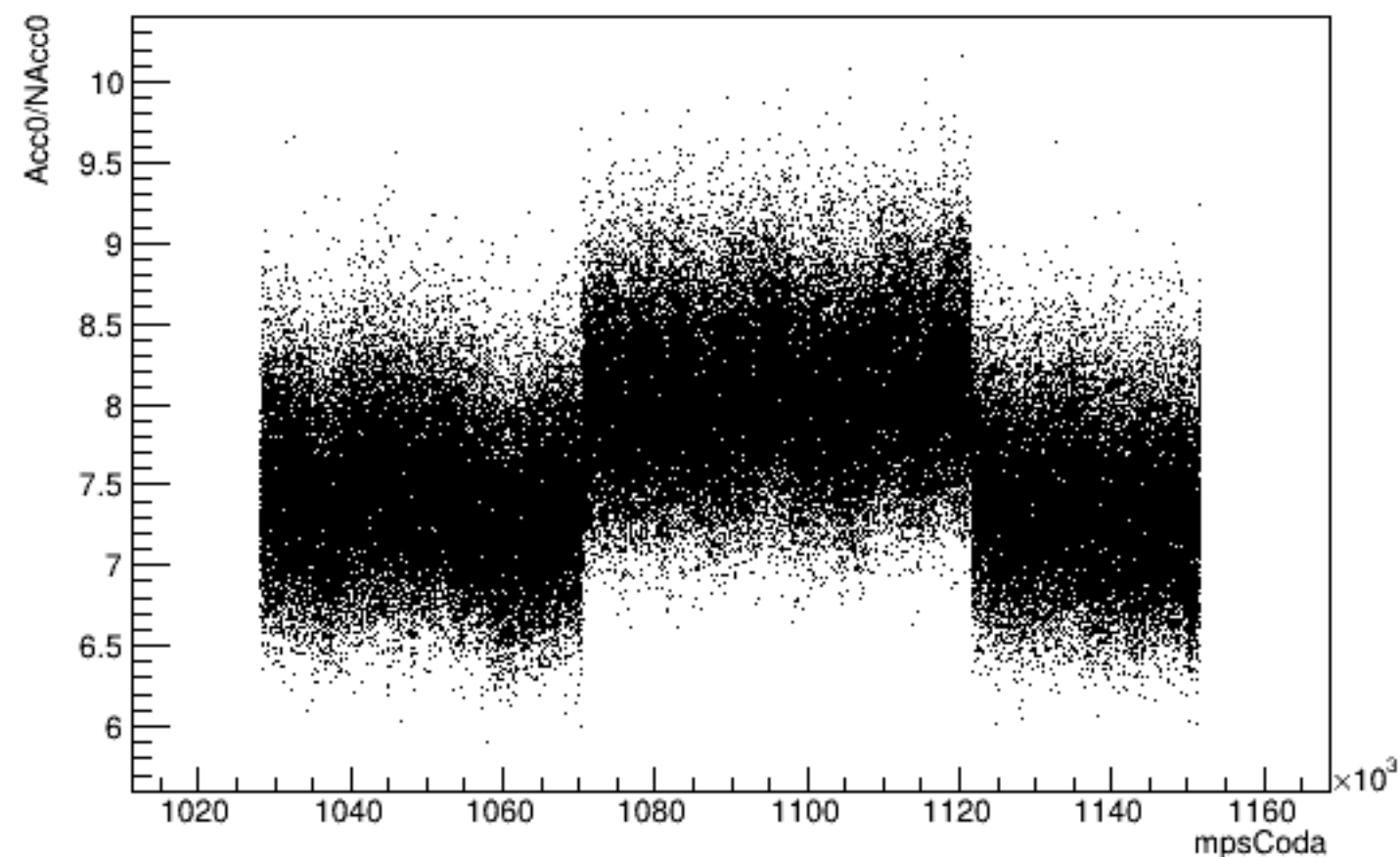
Cycle 15, Asyms

Entries: 5219	Entries: 6310	Entries: 3517
Mean: -0.0034 +/- 0.0028	Mean: -0.0133 +/- 0.0030	Mean: -0.0018 +/- 0.0034
Std Dev: 0.2059 +/- 0.0020	Std Dev: 0.2350 +/- 0.0021	Std Dev: 0.2014 +/- 0.0024

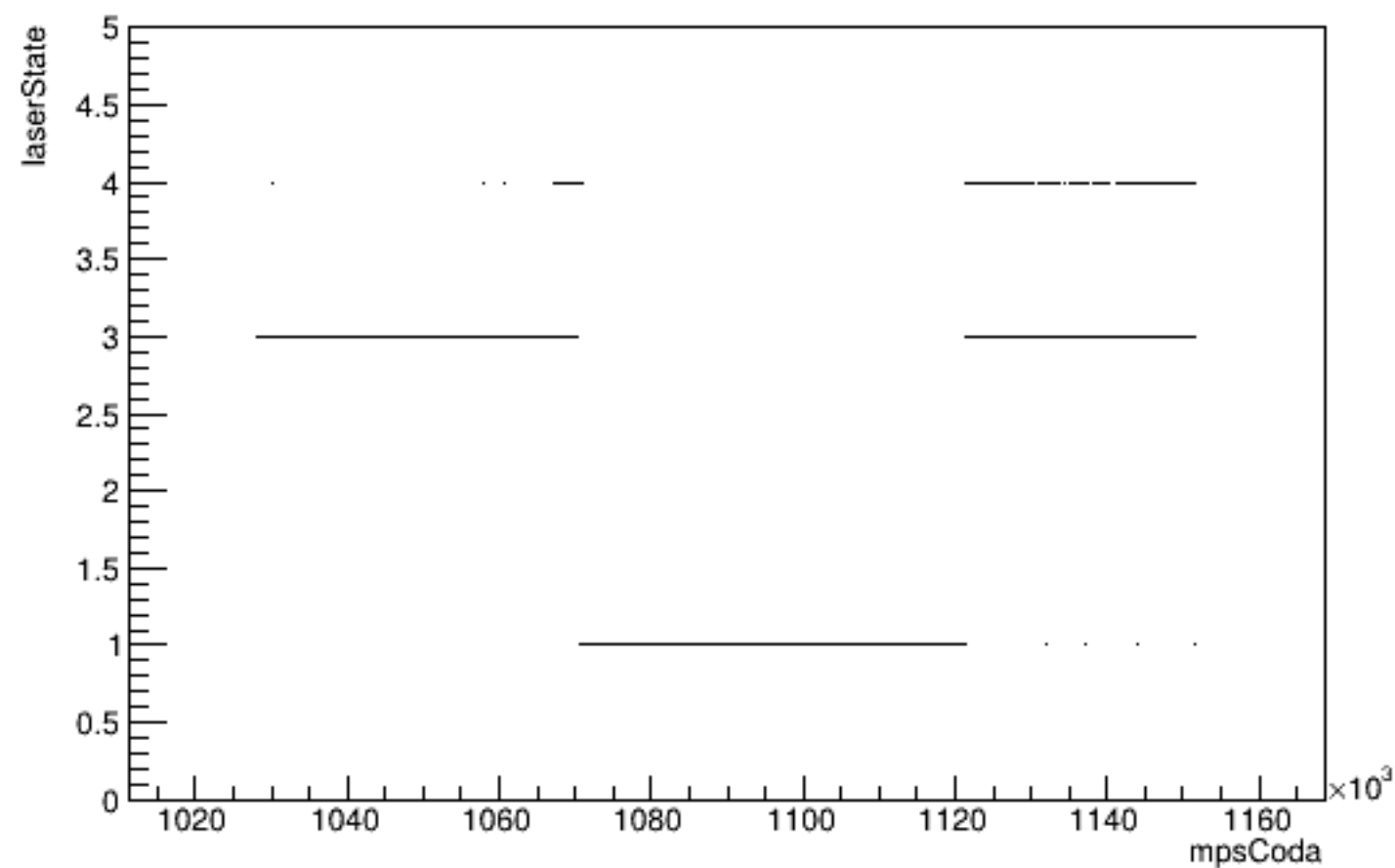
Run 4301 quartetwise, Asyms



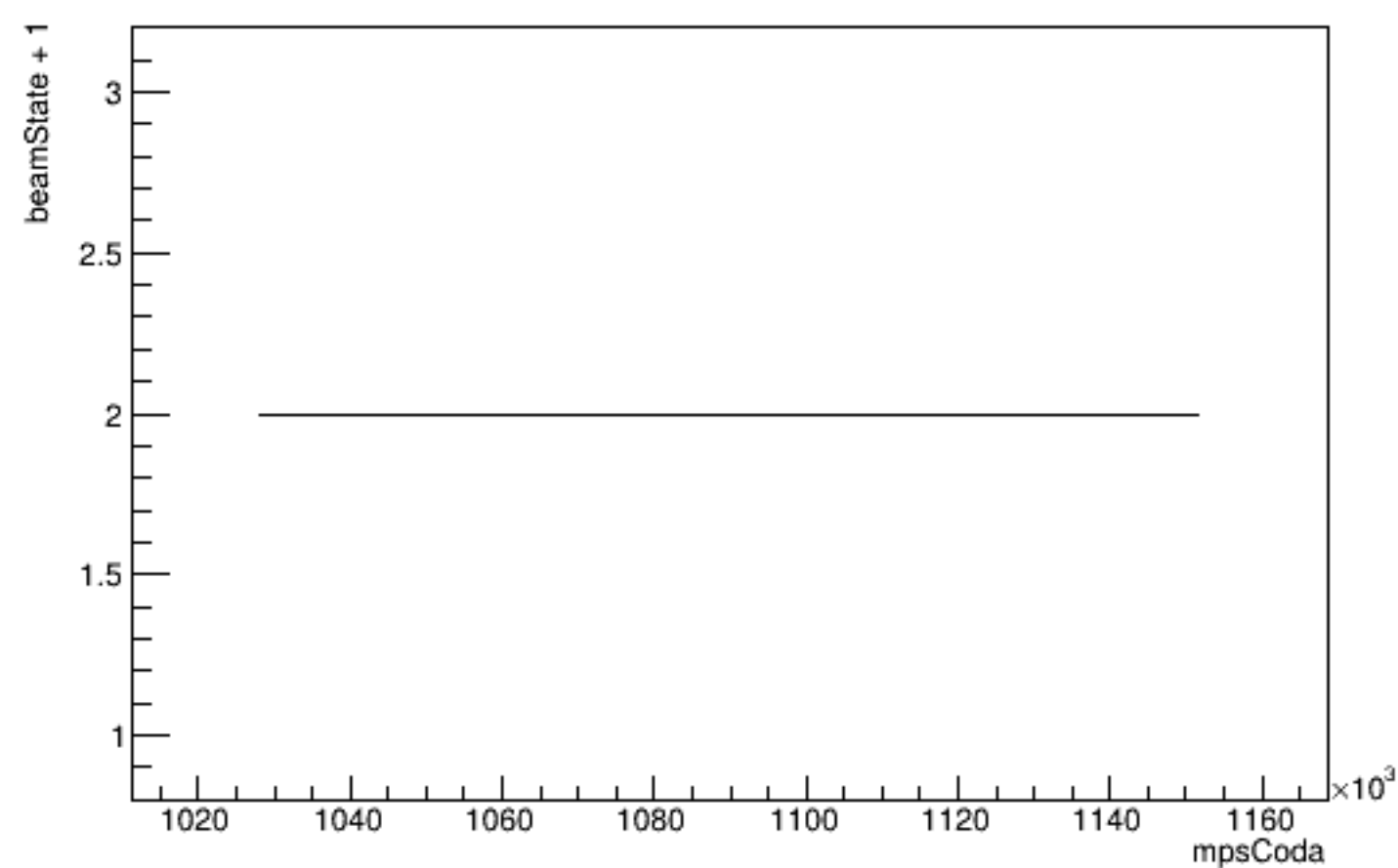
Acc0/NAcc0:mpsCoda (mpsCoda>=1028191 && mpsCoda<=1151638 && beamState==1)



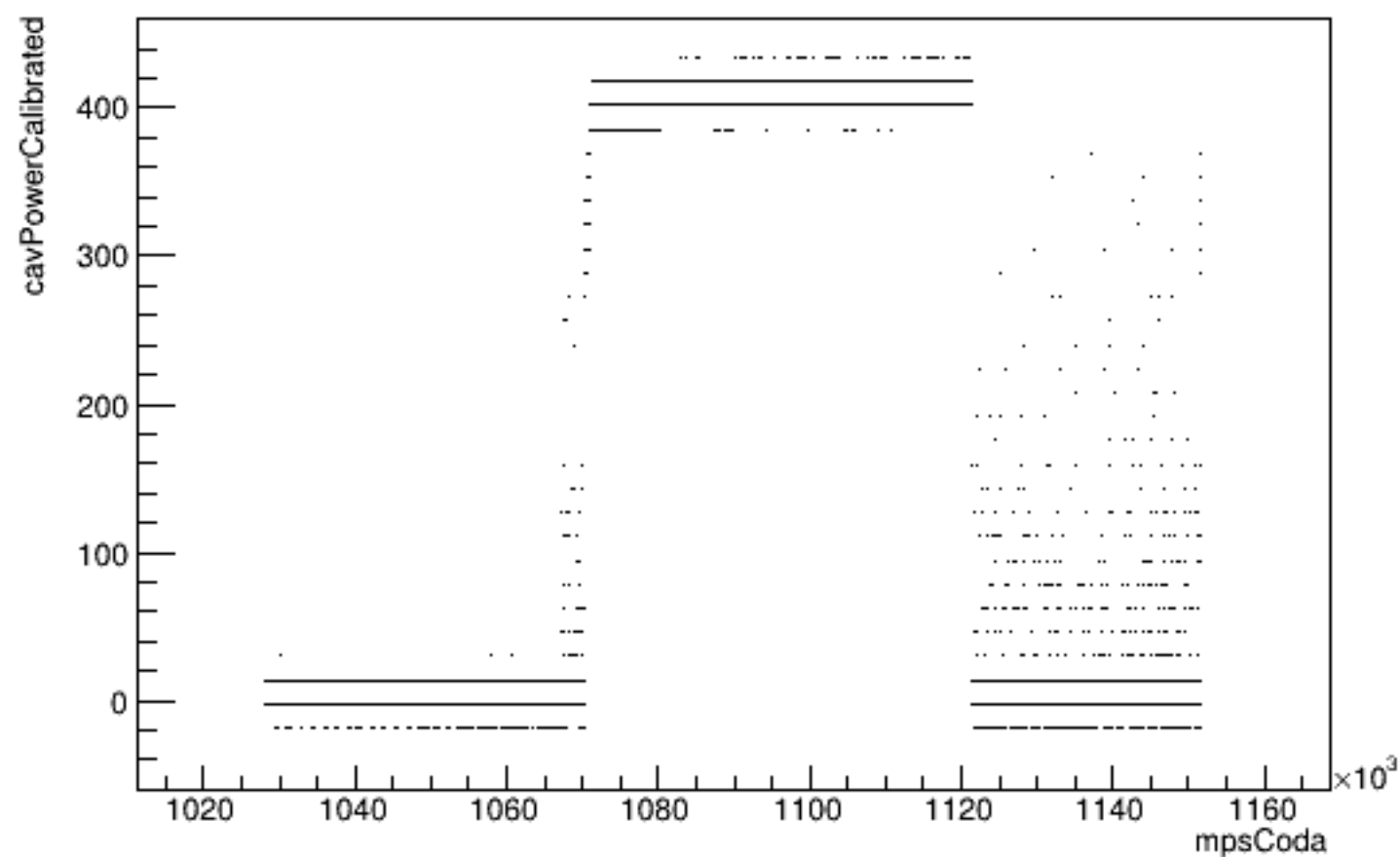
laserState:mpsCoda {mpsCoda>=1028191 && mpsCoda<=1151638}



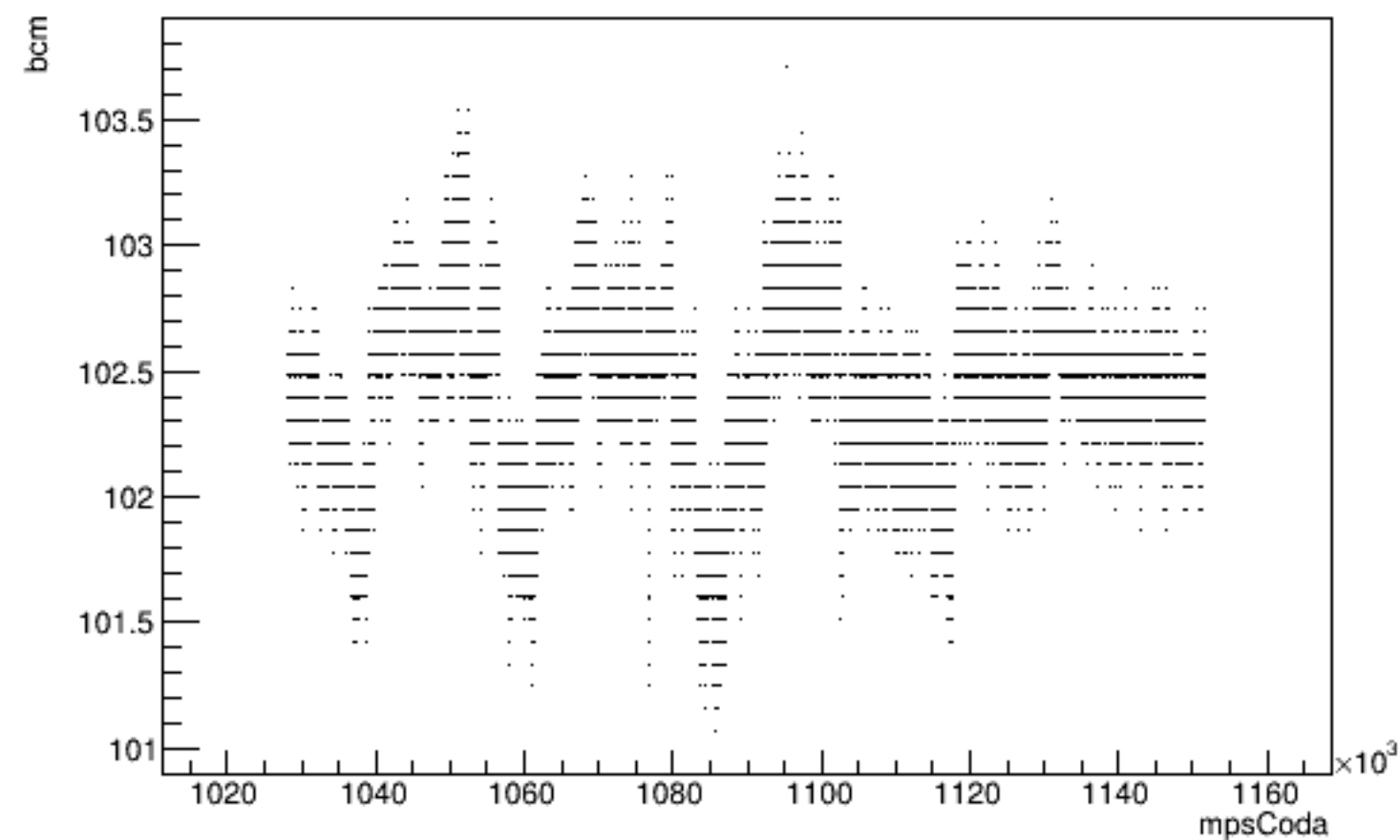
beamState + 1:mpsCoda {mpsCoda>=1028191 && mpsCoda<=1151638}



cavPowerCalibrated:mpsCoda {mpsCoda>=1028191 && mpsCoda<=1151638}



bcm:mpsCoda {mpsCoda>=1028191 && mpsCoda<=1151638}



Cycle 16, Diffs

Entries: 3517

Mean: -0.0024 +/- 0.0046

Std Dev: 0.2703 +/- 0.0032

Entries: 3530

Mean: -0.0154 +/- 0.0047

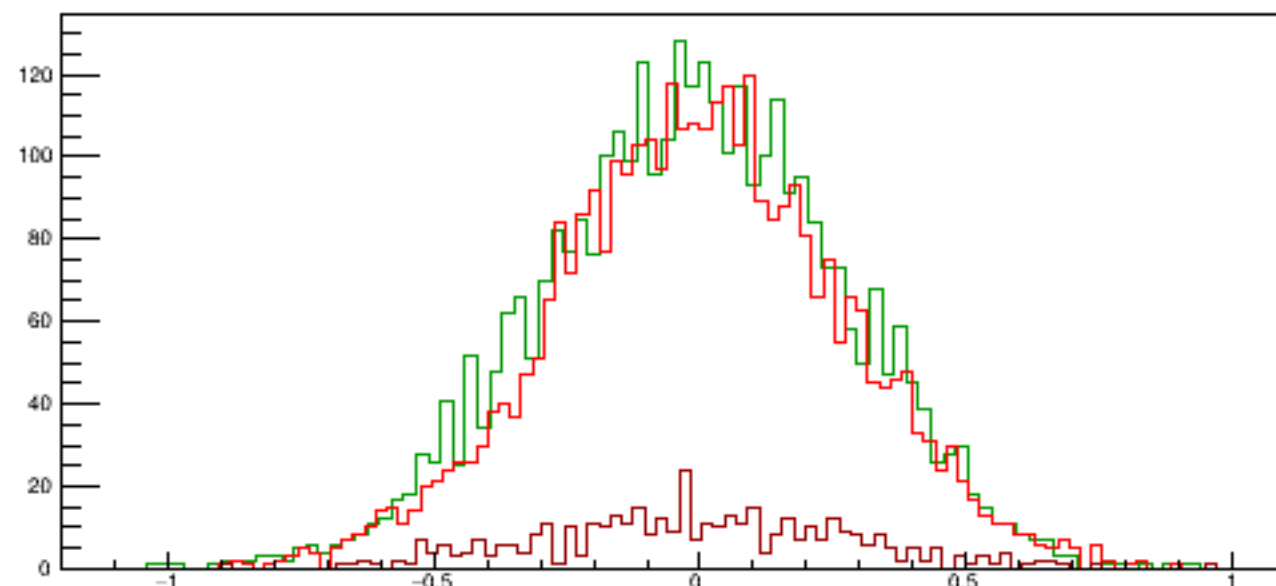
Std Dev: 0.2803 +/- 0.0033

Entries: 402

Mean: -0.0102 +/- 0.0144

Std Dev: 0.2879 +/- 0.0102

Run 4301 quartetwise, Diffs



Cycle 16, Sums

Entries: 3517

Mean: 14.7473 +/- 0.0055

Std Dev: 0.3289 +/- 0.0039

Entries: 3530

Mean: 15.8796 +/- 0.0058

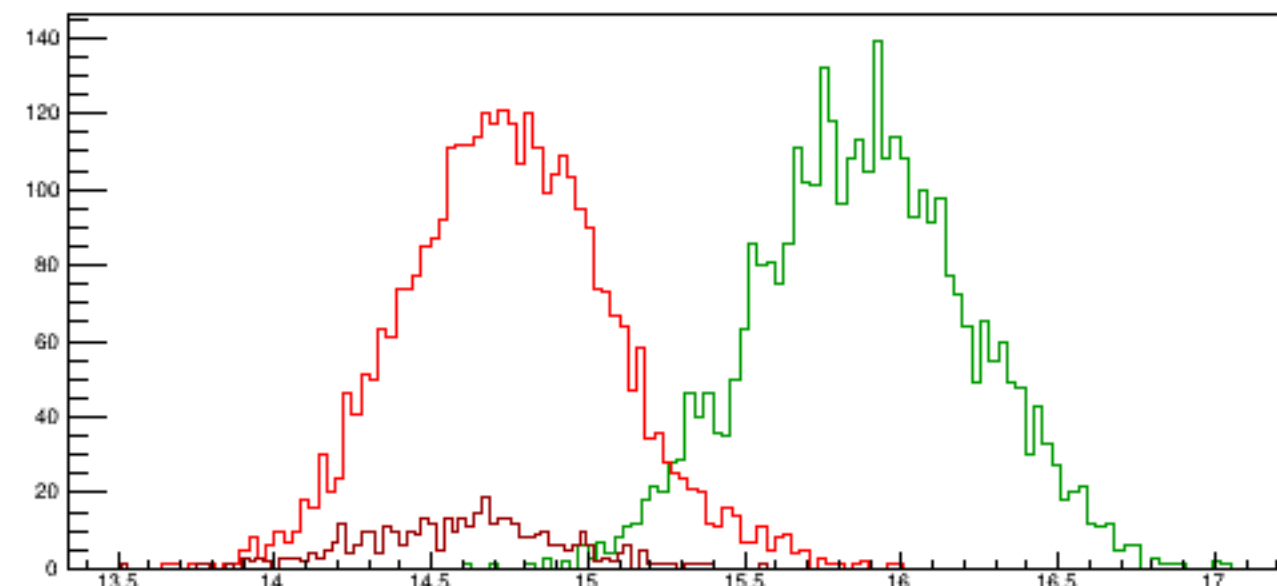
Std Dev: 0.3447 +/- 0.0041

Entries: 402

Mean: 14.5905 +/- 0.0157

Std Dev: 0.3151 +/- 0.0111

Run 4301 quartetwise, Sums



Cycle 16, Asyms

Entries: 3517

Mean: -0.0020 +/- 0.0038

Std Dev: 0.2233 +/- 0.0027

Entries: 3530

Mean: -0.0123 +/- 0.0053

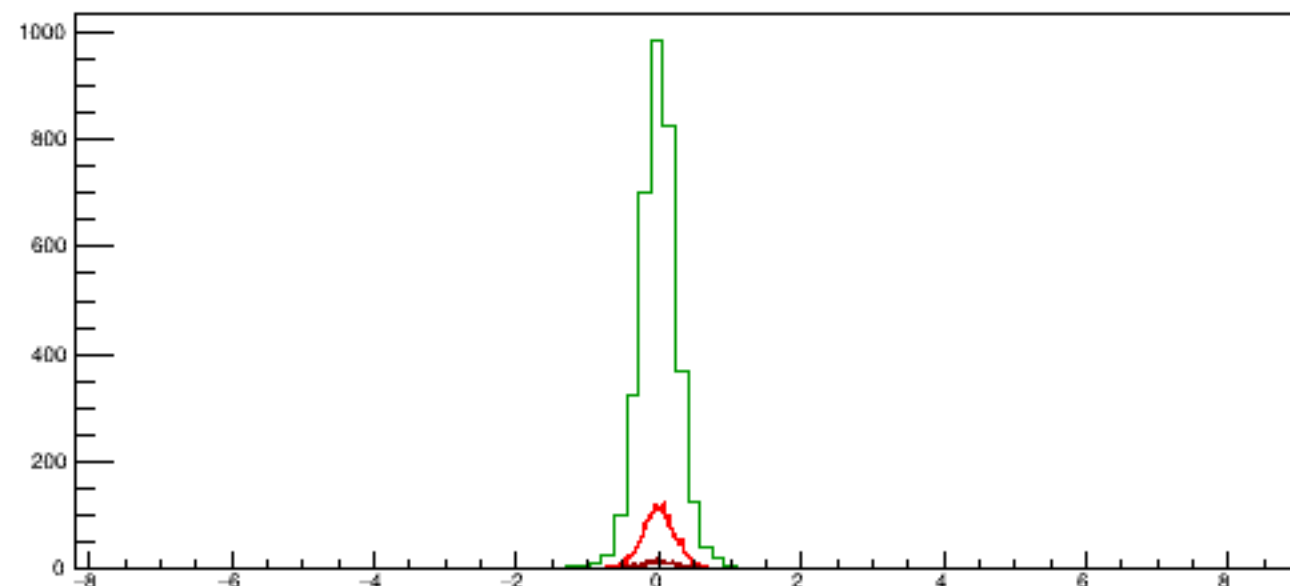
Std Dev: 0.3142 +/- 0.0037

Entries: 402

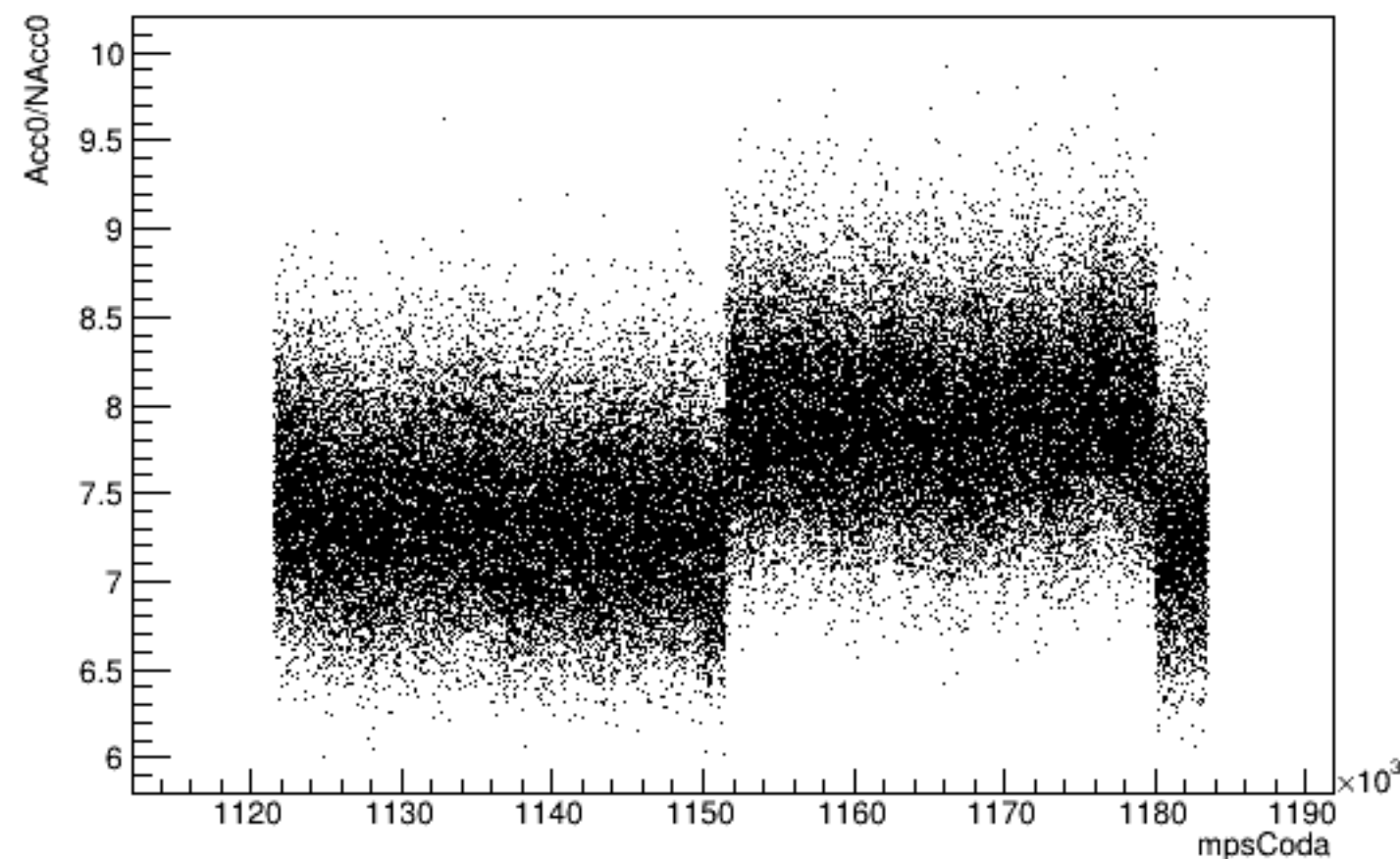
Mean: -0.0084 +/- 0.0119

Std Dev: 0.2378 +/- 0.0084

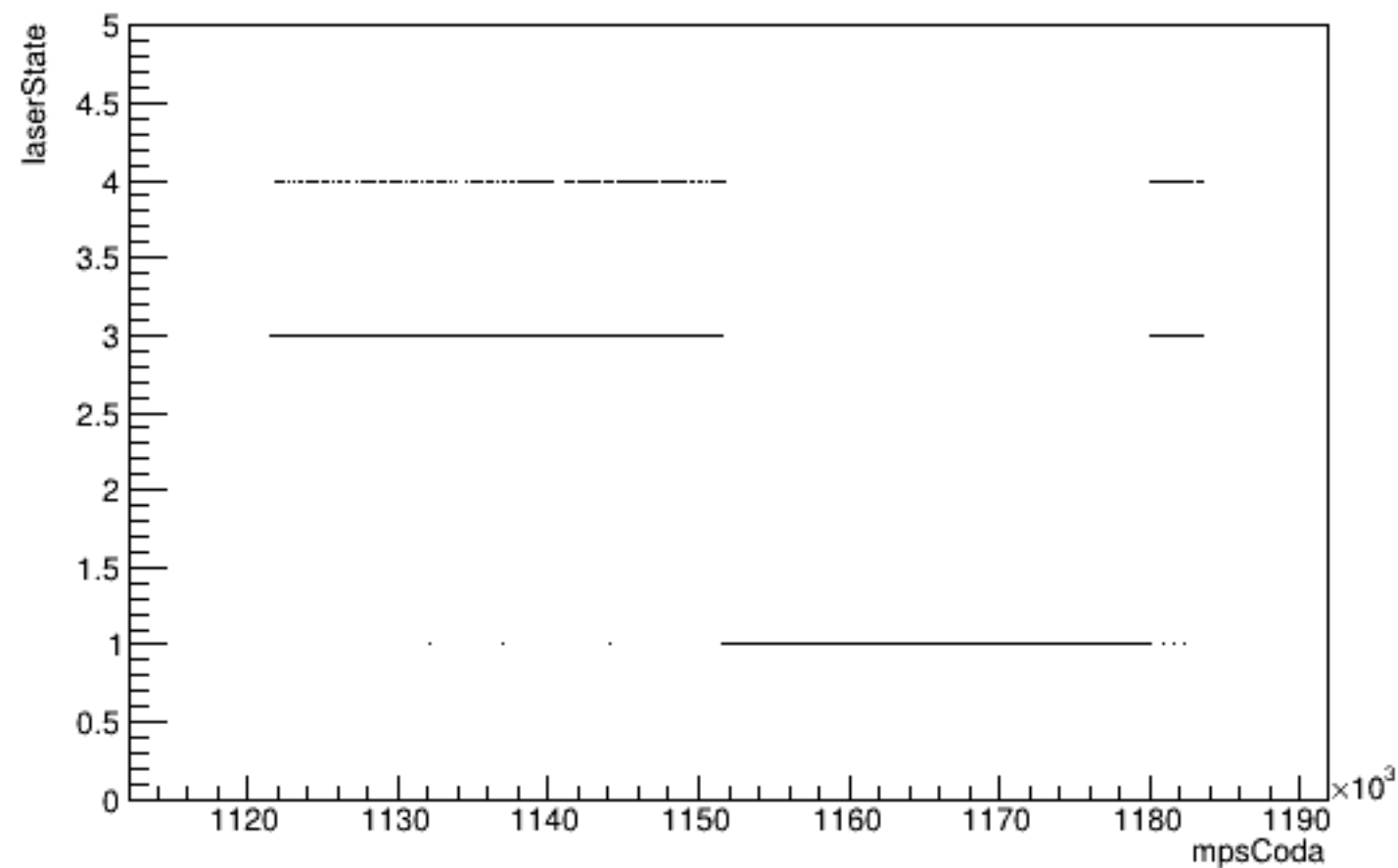
Run 4301 quartetwise, Asyms



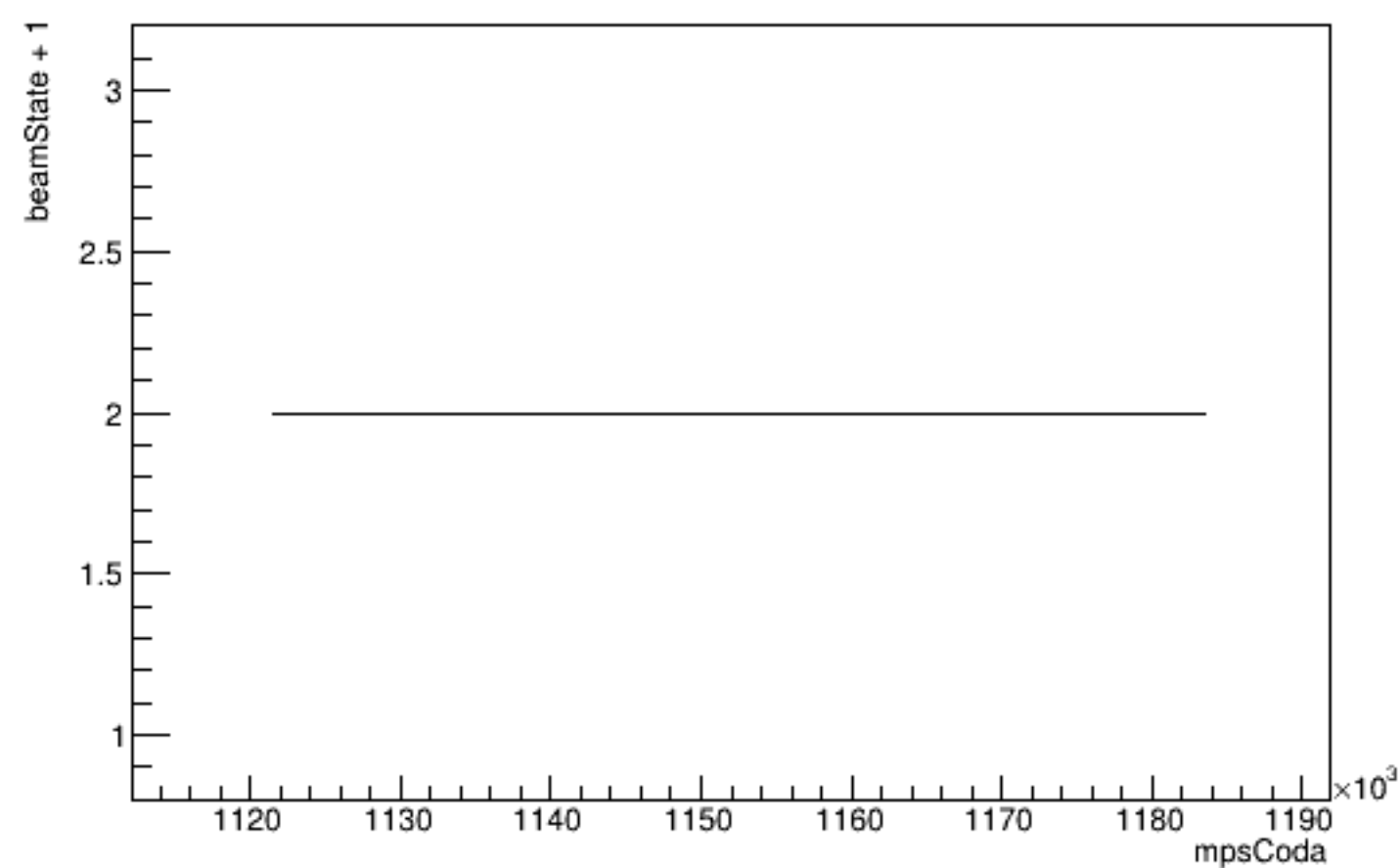
Acc0/NAcc0:mpsCoda (mpsCoda>=1121551 && mpsCoda<=1183486 && beamState==1)



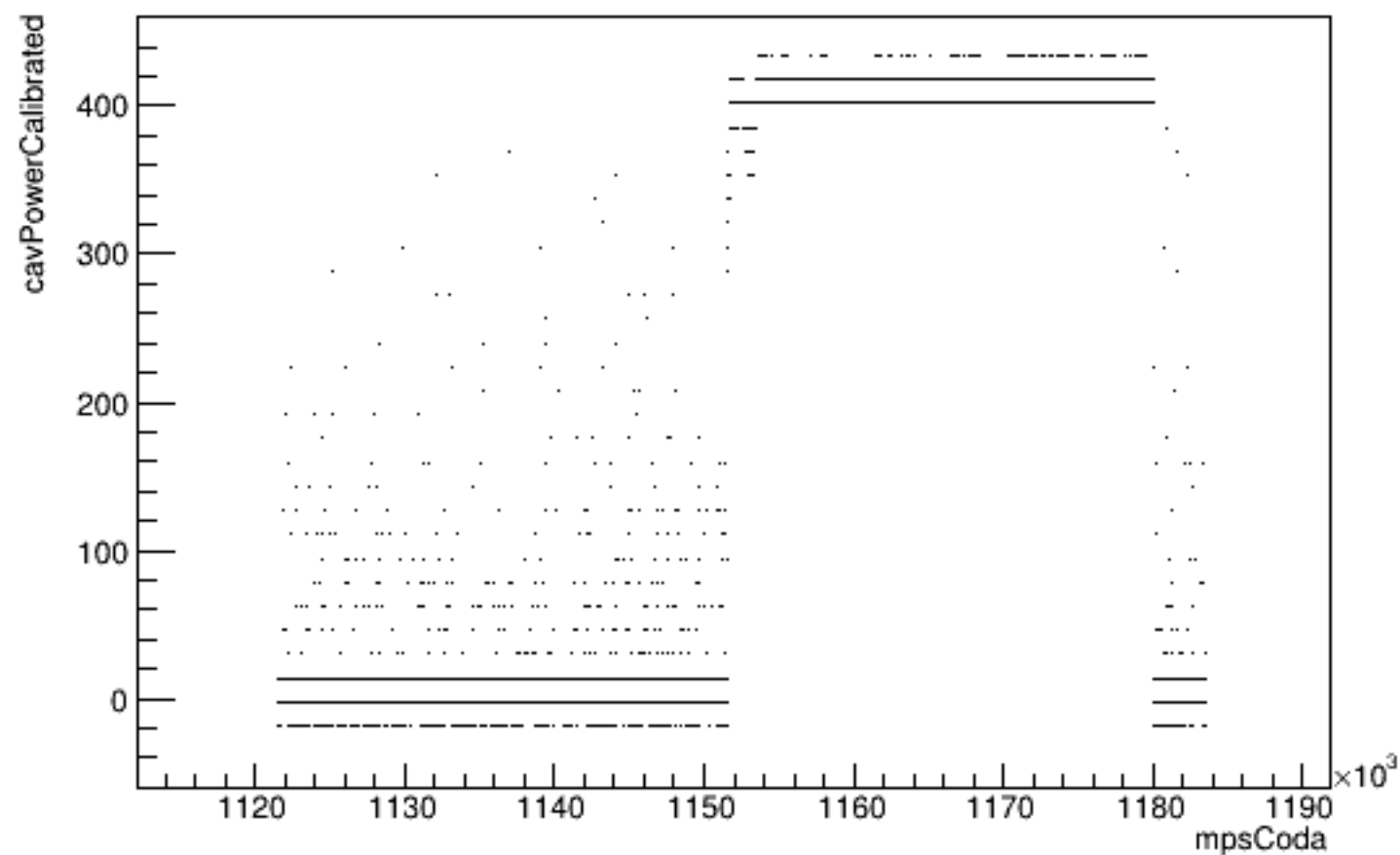
laserState:mpsCoda {mpsCoda>=1121551 && mpsCoda<=1183486}



beamState + 1:mpsCoda {mpsCoda>=1121551 && mpsCoda<=1183486}



cavPowerCalibrated:mpsCoda {mpsCoda>=1121551 && mpsCoda<=1183486}



bcm:mpsCoda {mpsCoda>=1121551 && mpsCoda<=1183486}

