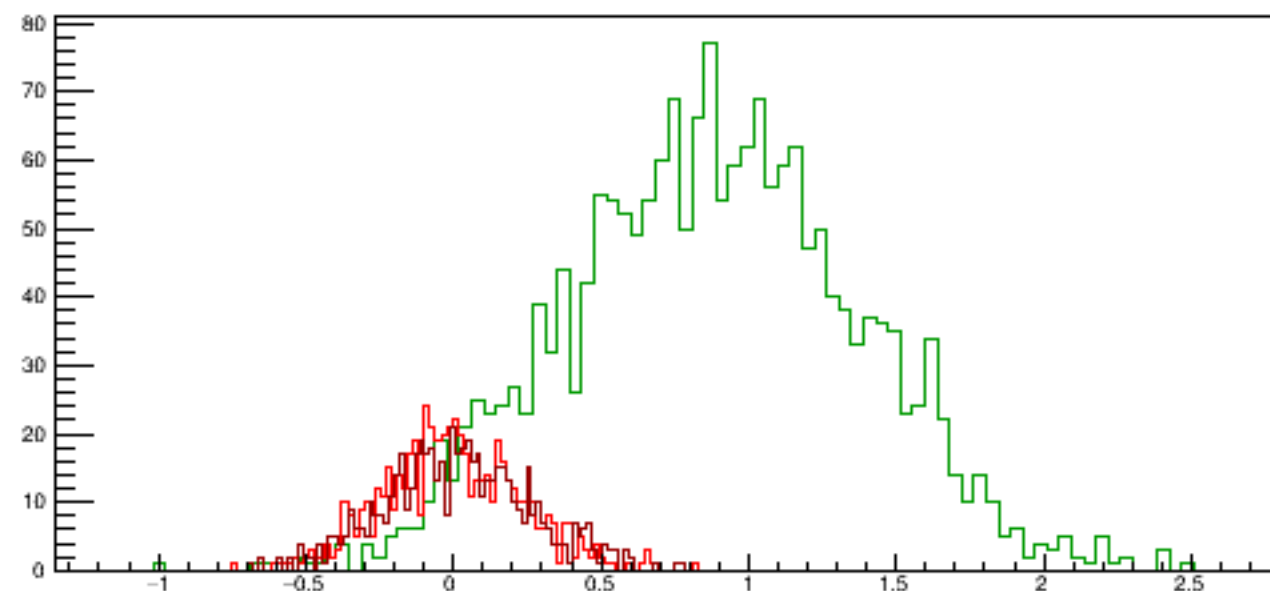


Cycle 1, Diffs

Entries: 575	Entries: 1918	Entries: 589
Mean: -0.0013 +/- 0.0100	Mean: 0.8731 +/- 0.0113	Mean: 0.0136 +/- 0.0103
Std Dev: 0.2393 +/- 0.0071	Std Dev: 0.4965 +/- 0.0080	Std Dev: 0.2491 +/- 0.0073

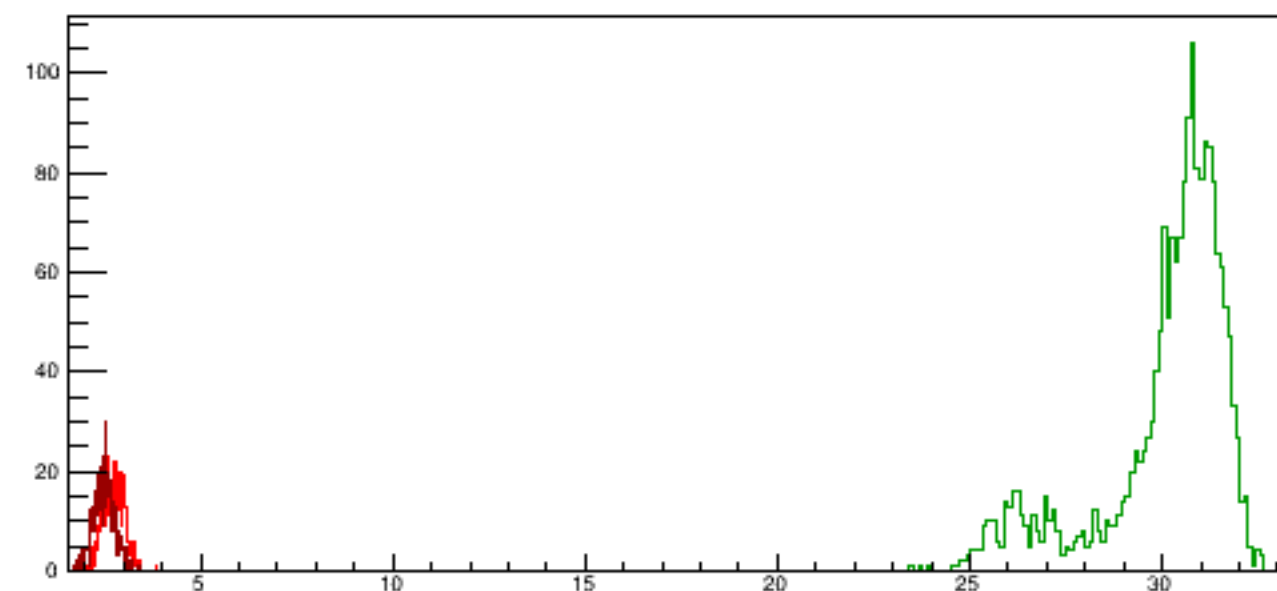
Run 5524 quartetwise, Diffs



Cycle 1, Sums

Entries: 575	Entries: 1918	Entries: 589
Mean: 2.7381 +/- 0.0117	Mean: 30.0912 +/- 0.0382	Mean: 2.4962 +/- 0.0120
Std Dev: 0.2813 +/- 0.0083	Std Dev: 1.6730 +/- 0.0270	Std Dev: 0.2902 +/- 0.0085

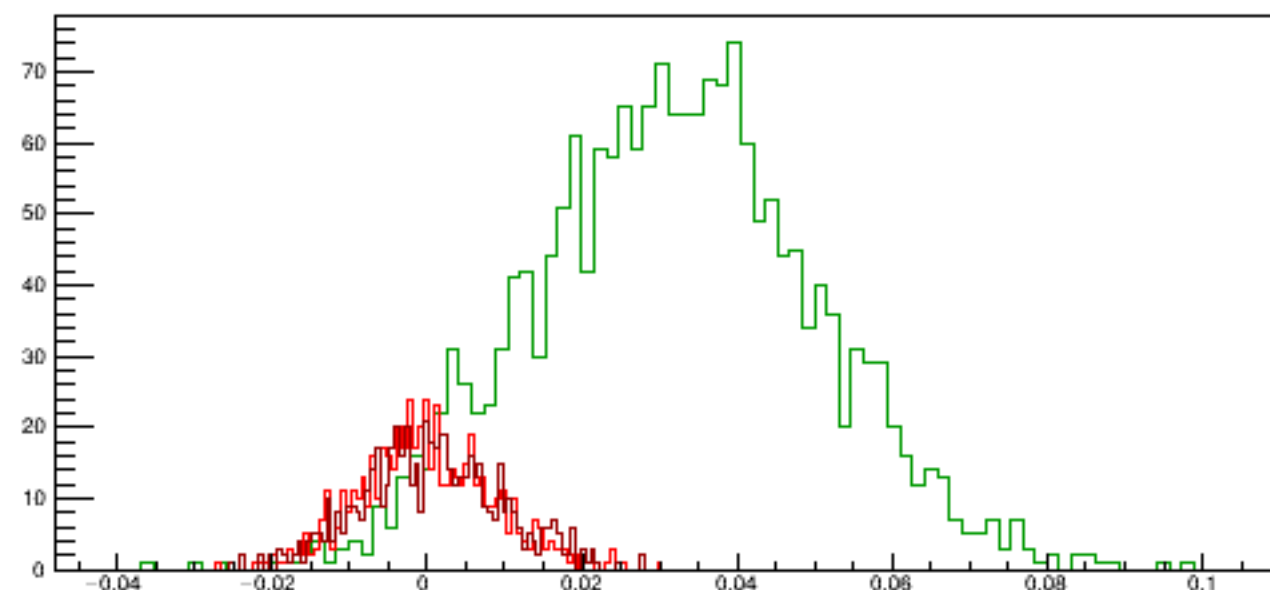
Run 5524 quartetwise, Sums



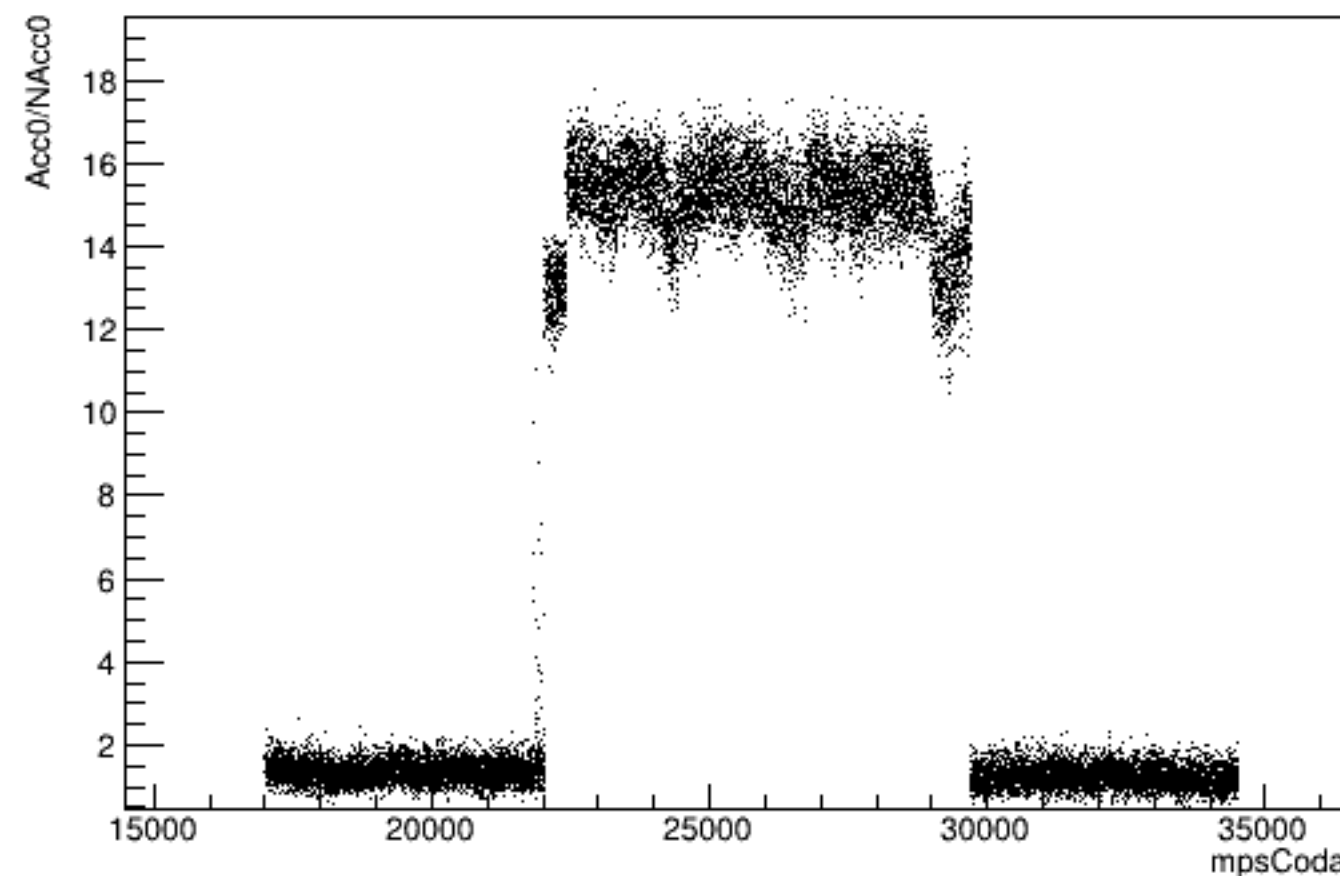
Cycle 1, Asyms

Entries: 575	Entries: 1918	Entries: 589
Mean: -0.0000 +/- 0.0004	Mean: 0.0318 +/- 0.0004	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0087 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0091 +/- 0.0003

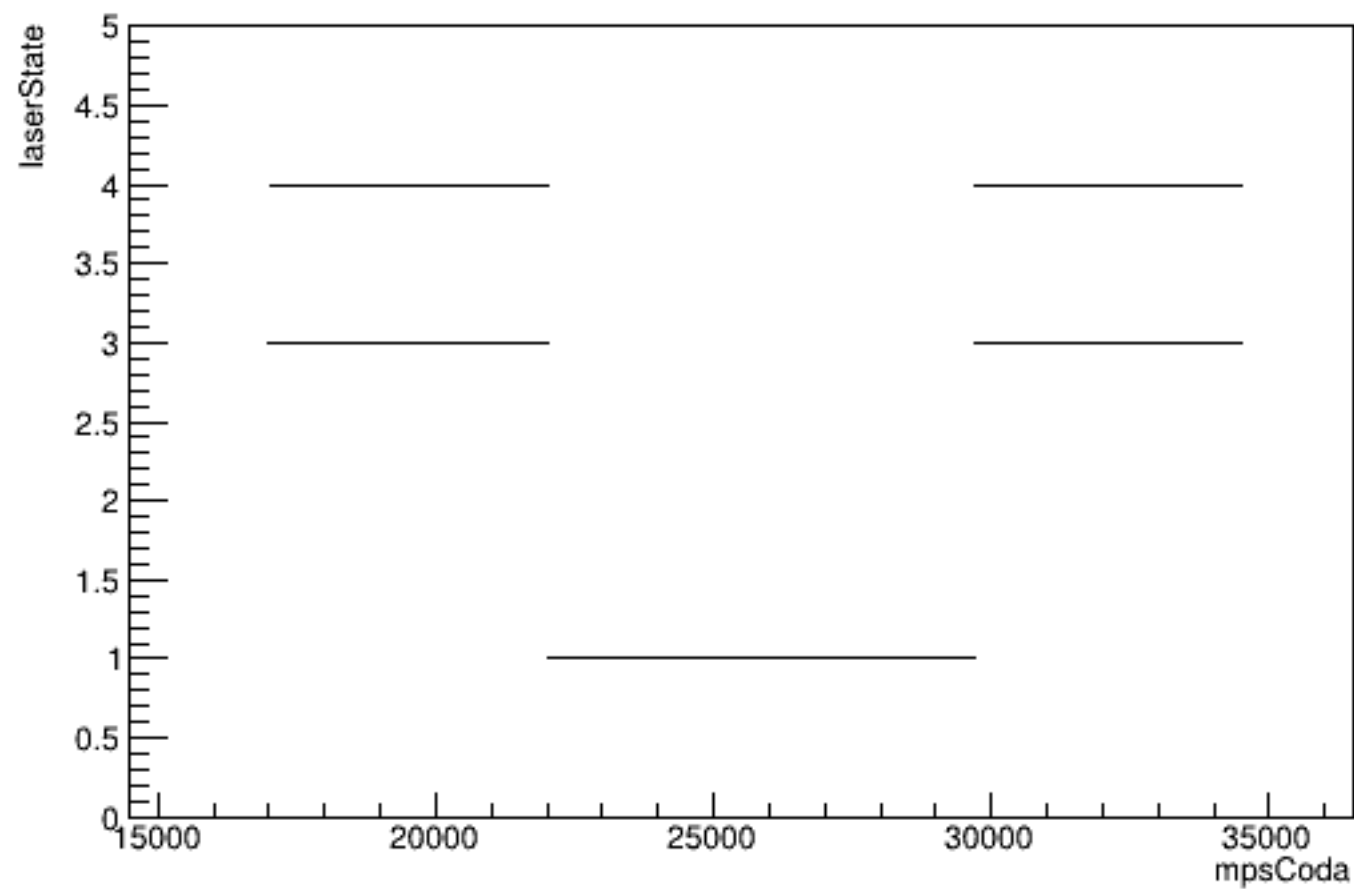
Run 5524 quartetwise, Asyms



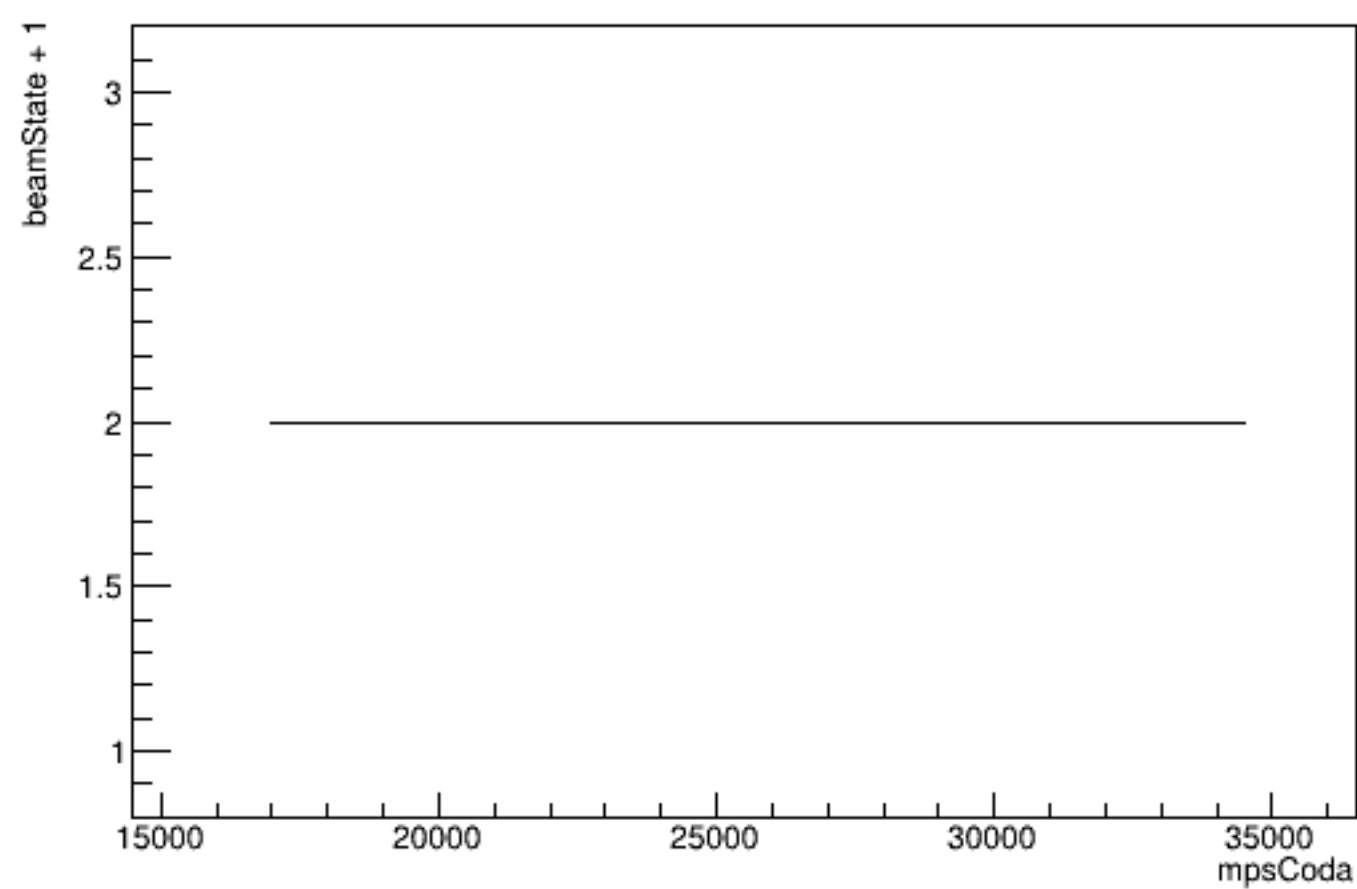
Acc0/NAcc0:mpsCoda {mpsCoda>=16999 && mpsCoda<=34514 && beamState==1}



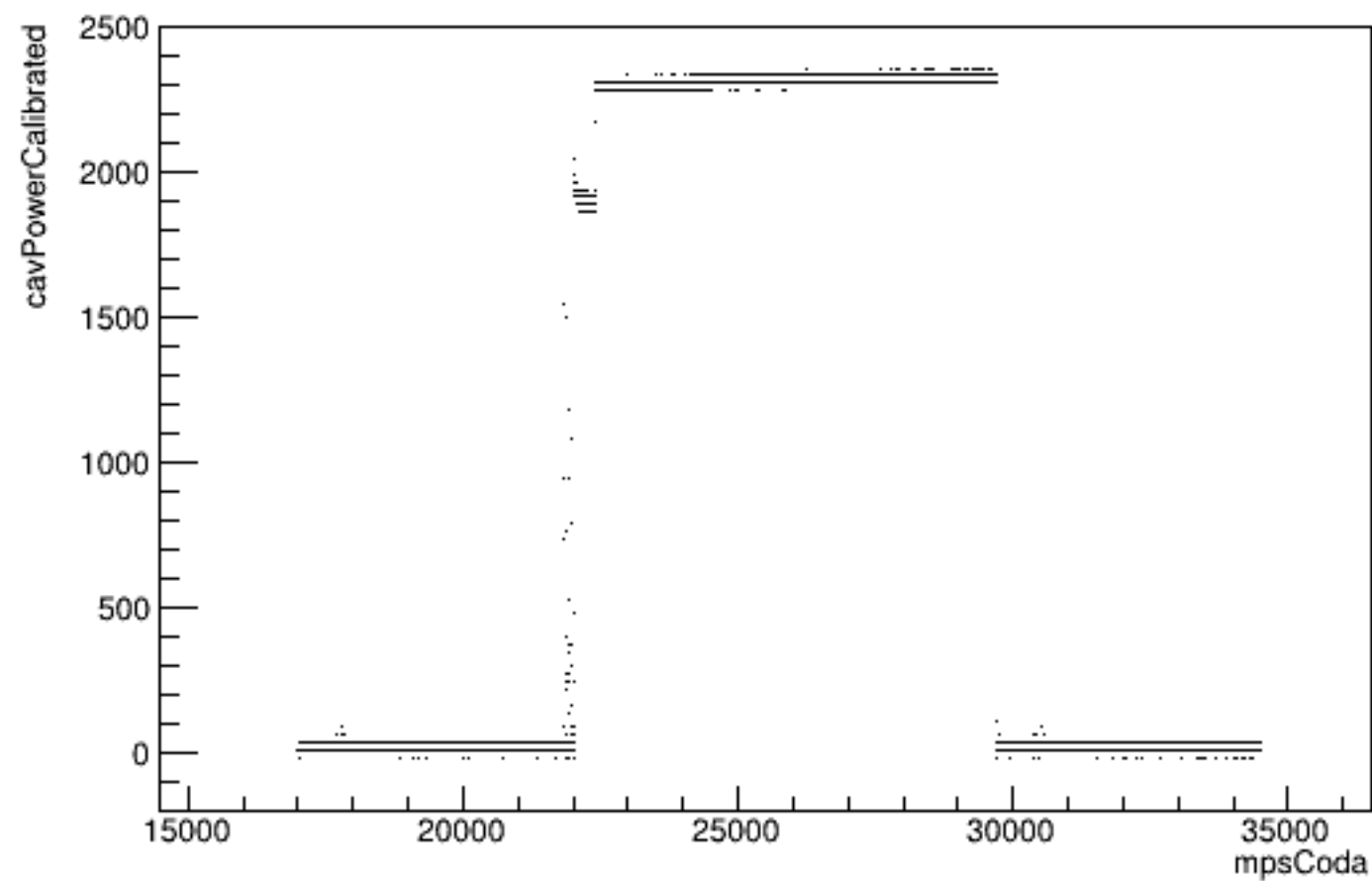
laserState:mpsCoda {mpsCoda>=16999 && mpsCoda<=34514}



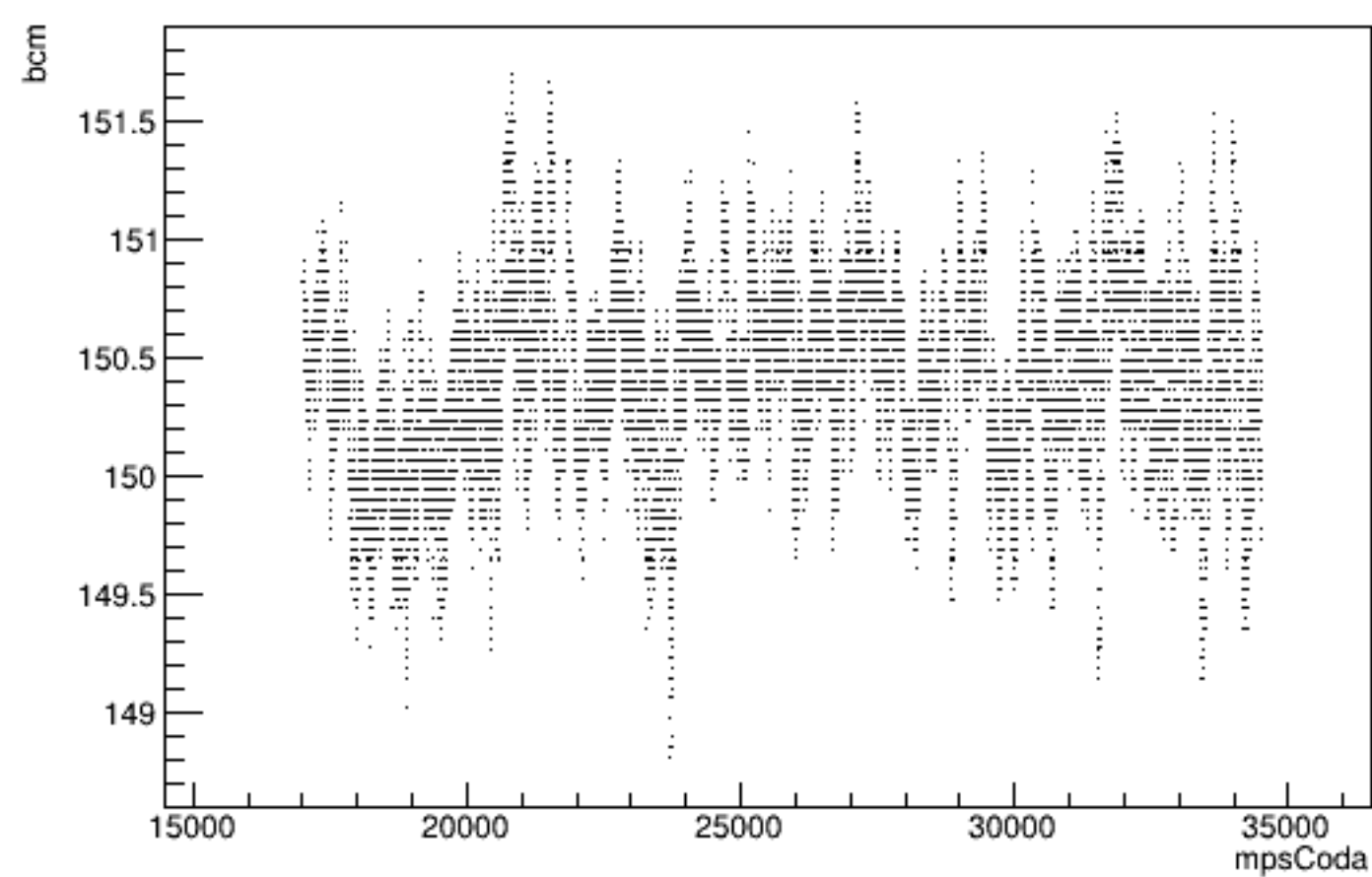
beamState + 1:mpsCoda {mpsCoda>=16999 && mpsCoda<=34514}



cavPowerCalibrated:mpsCoda {mpsCoda>=16999 && mpsCoda<=34514}



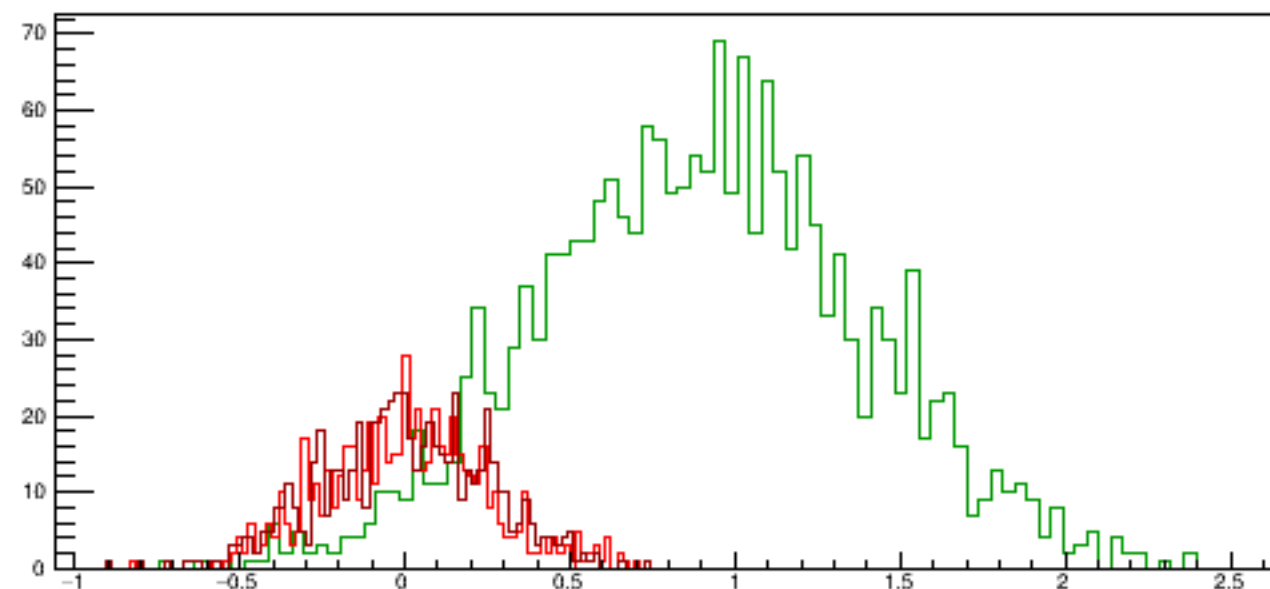
bcm:mpsCoda {mpsCoda>=16999 && mpsCoda<=34514}



Cycle 2, Diffs

Entries: 599	Entries: 1904	Entries: 609
Mean: 0.0043 +/- 0.0100	Mean: 0.8942 +/- 0.0113	Mean: -0.0018 +/- 0.0102
Std Dev: 0.2455 +/- 0.0071	Std Dev: 0.4918 +/- 0.0080	Std Dev: 0.2507 +/- 0.0072

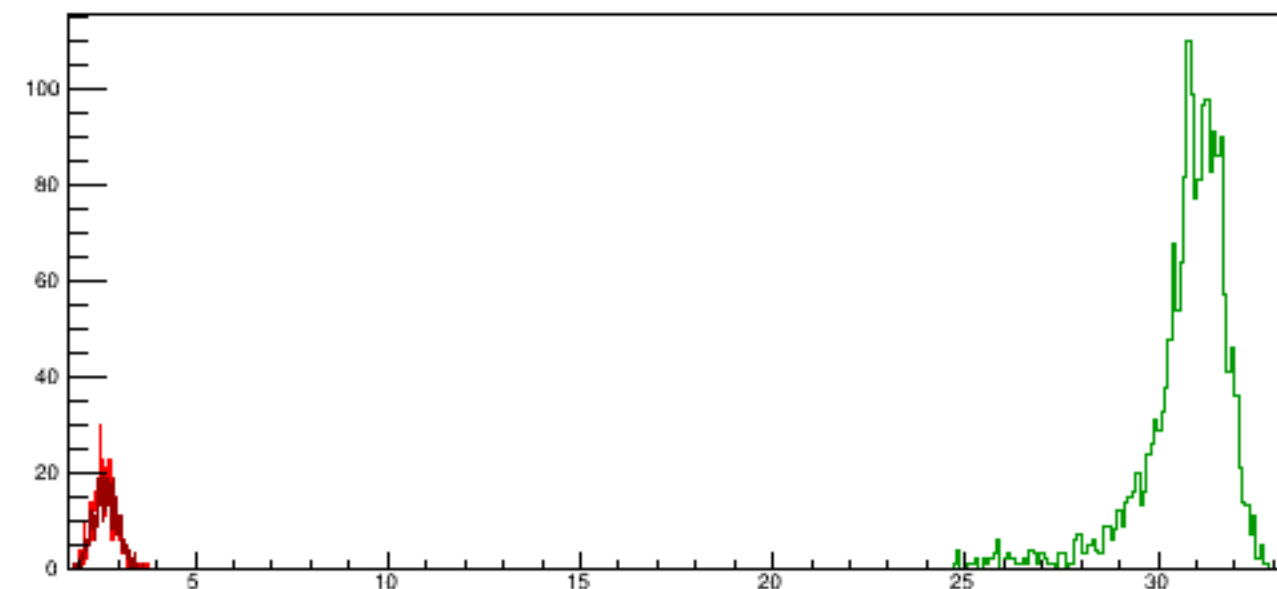
Run 5524 quartetwise, Diffs



Cycle 2, Sums

Entries: 599	Entries: 1904	Entries: 609
Mean: 2.6484 +/- 0.0120	Mean: 30.7261 +/- 0.0268	Mean: 2.6751 +/- 0.0122
Std Dev: 0.2944 +/- 0.0085	Std Dev: 1.1679 +/- 0.0189	Std Dev: 0.3017 +/- 0.0086

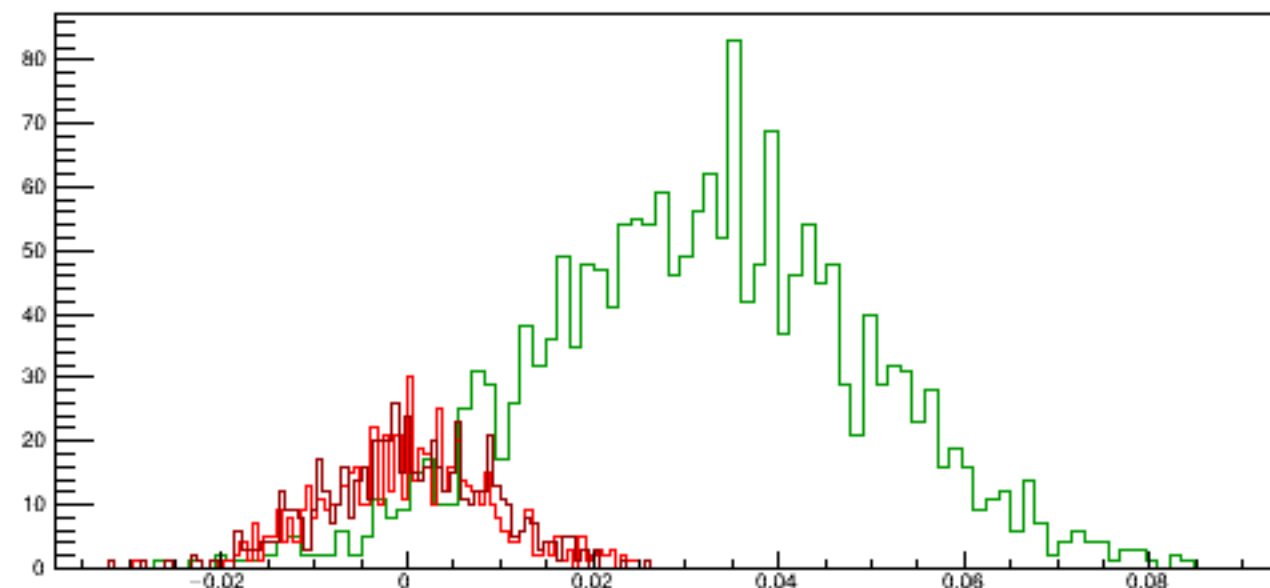
Run 5524 quartetwise, Sums



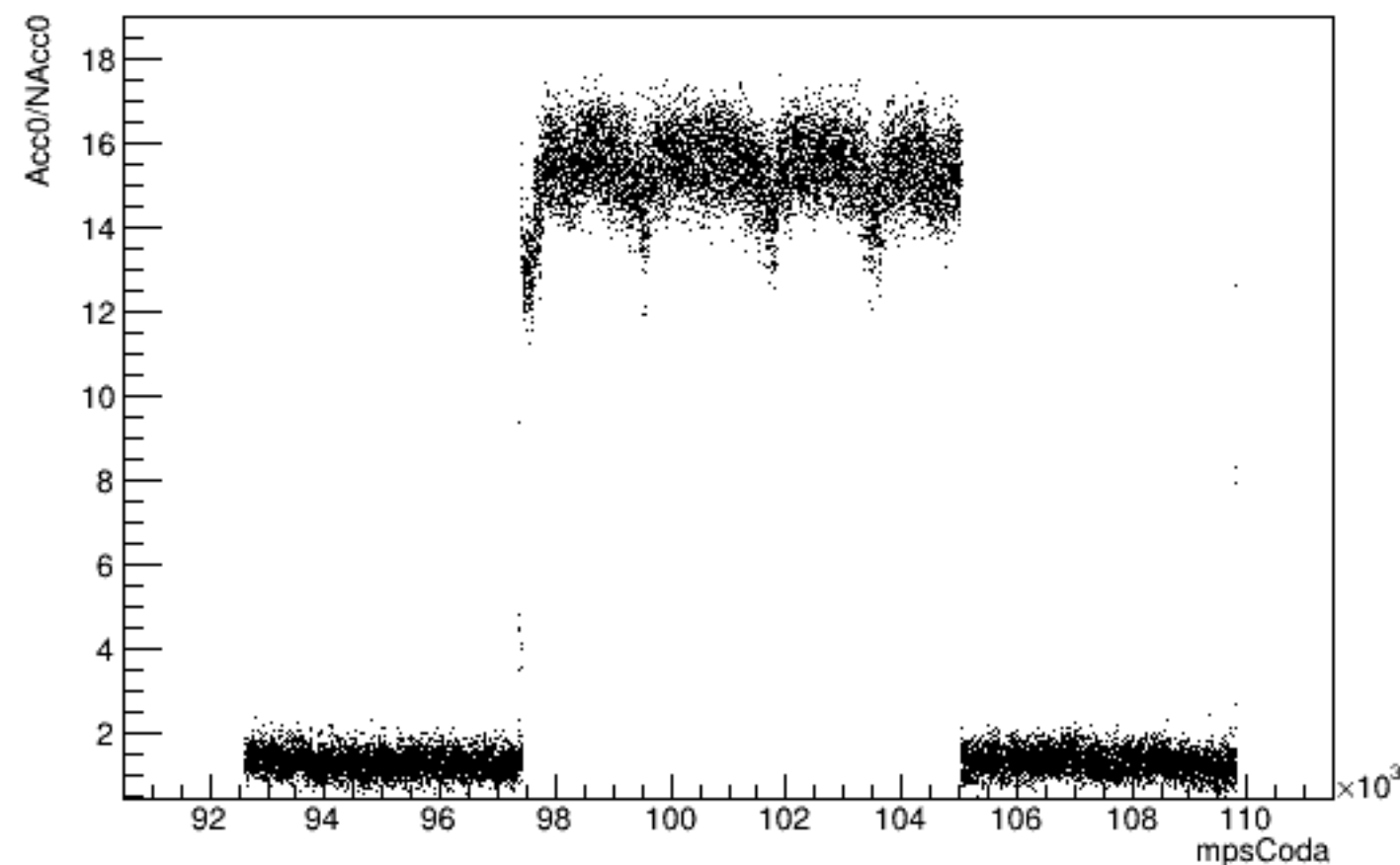
Cycle 2, Asyms

Entries: 599	Entries: 1904	Entries: 609
Mean: 0.0002 +/- 0.0004	Mean: 0.0319 +/- 0.0004	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0087 +/- 0.0003	Std Dev: 0.0175 +/- 0.0003	Std Dev: 0.0089 +/- 0.0003

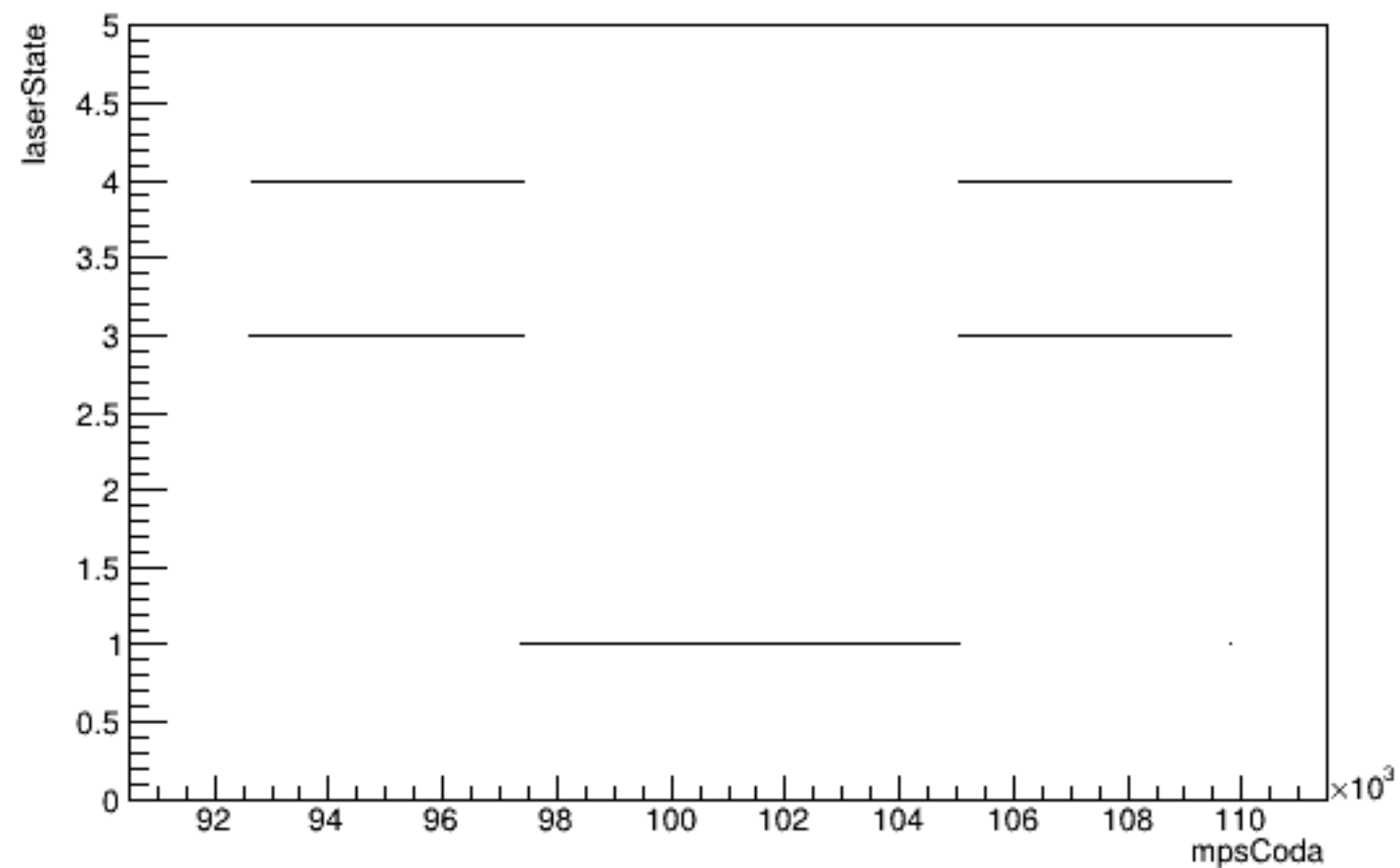
Run 5524 quartetwise, Asyms



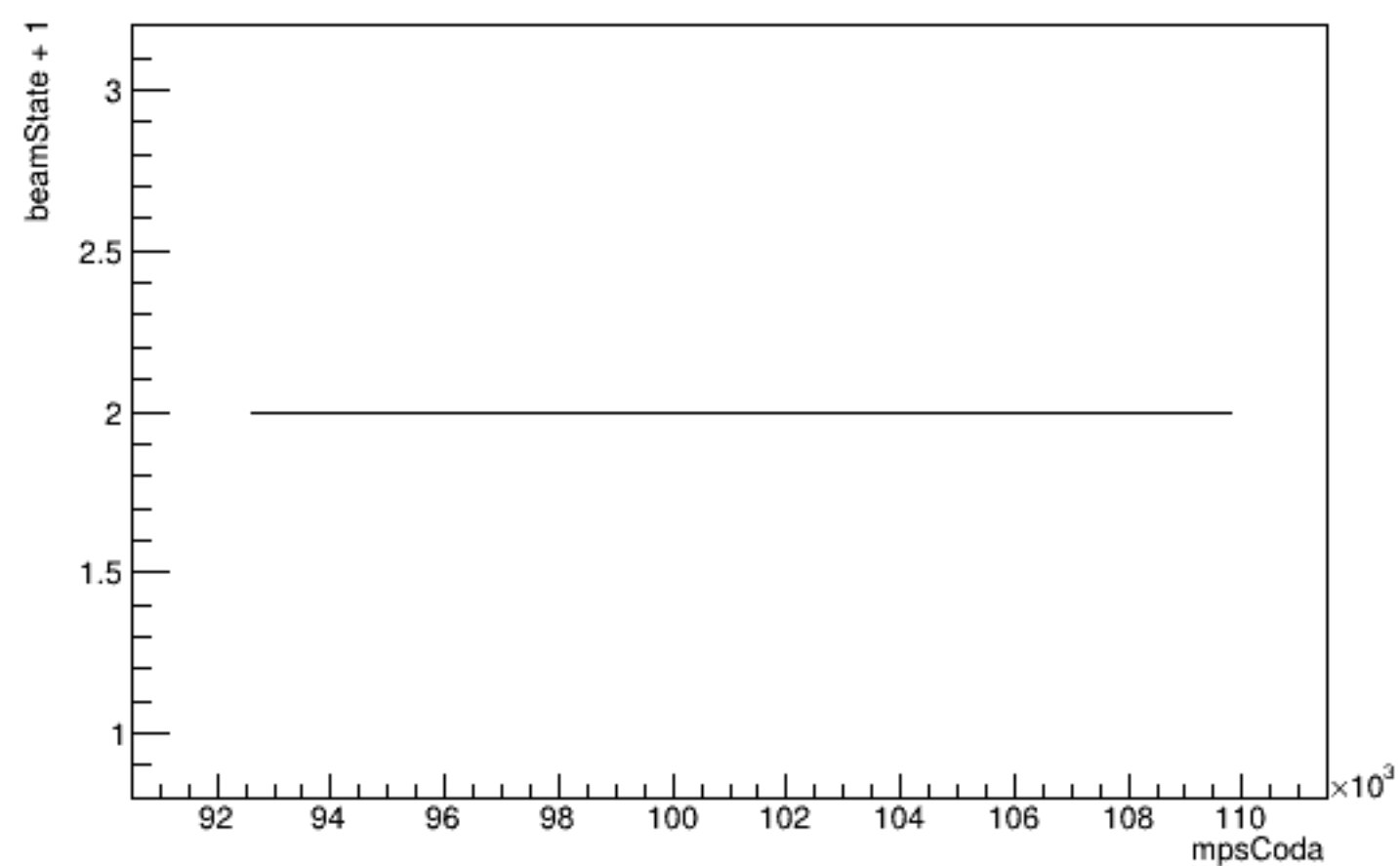
Acc0/NAcc0:mpsCoda {mpsCoda>=92623 && mpsCoda<=109810 && beamState==1}



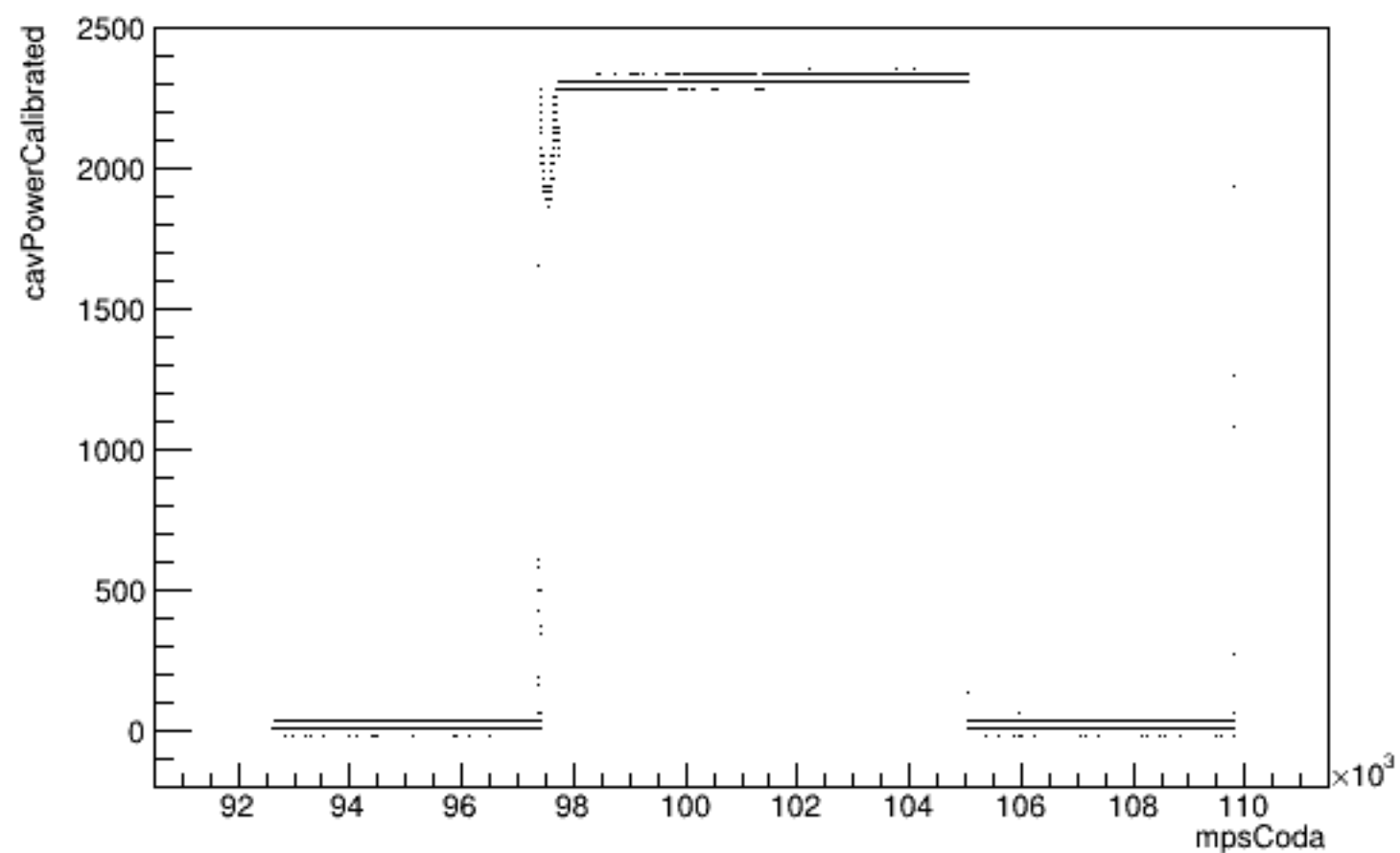
laserState:mpsCoda {mpsCoda>=92623 && mpsCoda<=109810}



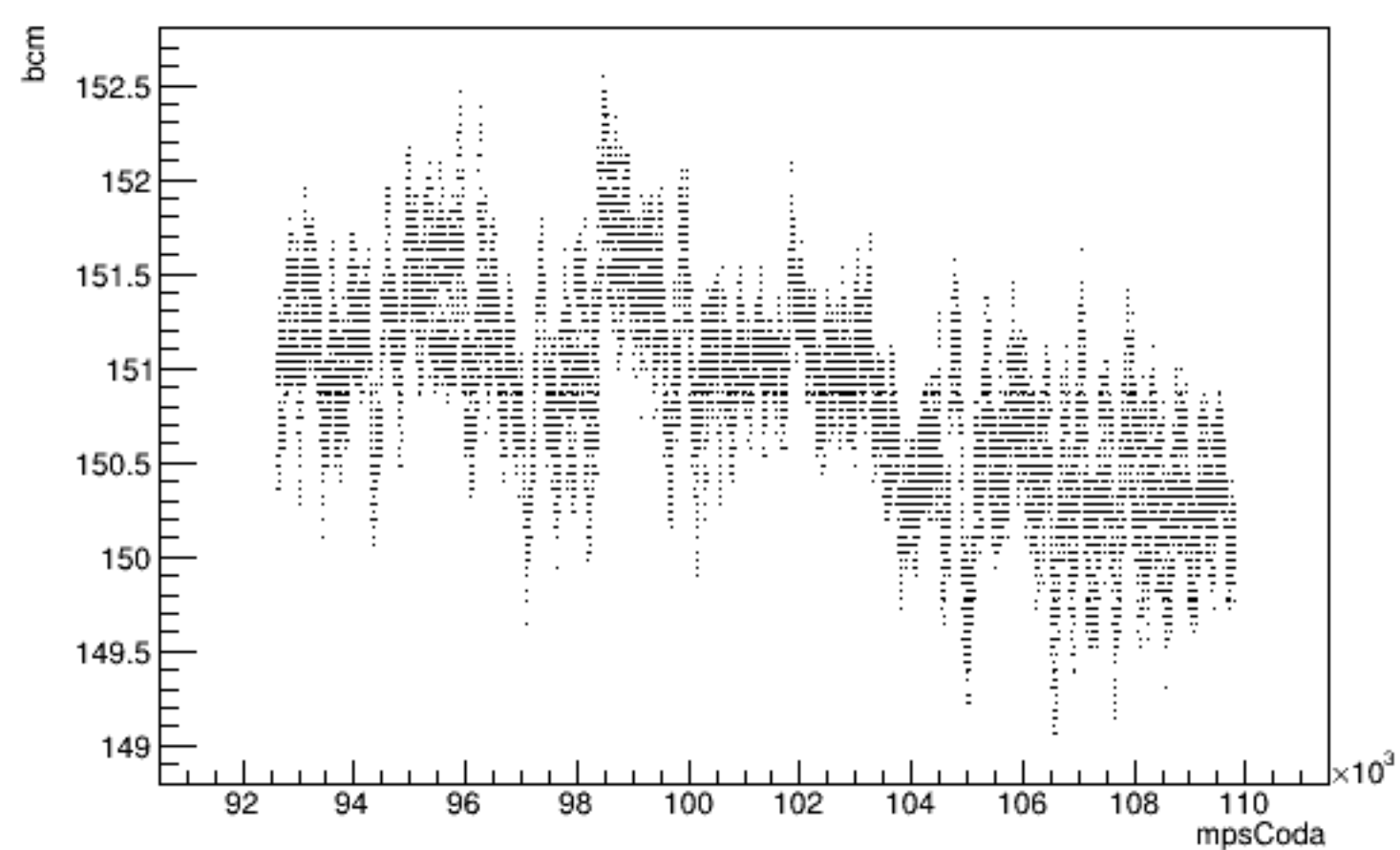
beamState + 1:mpsCoda {mpsCoda>=92623 && mpsCoda<=109810}



cavPowerCalibrated:mpsCoda {mpsCoda>=92623 && mpsCoda<=109810}



bcm:mpsCoda {mpsCoda>=92623 && mpsCoda<=109810}



Cycle 3, Diffs

Entries: 609

Mean: -0.0018 +/- 0.0102

Std Dev: 0.2507 +/- 0.0072

Entries: 1924

Mean: 0.8858 +/- 0.0113

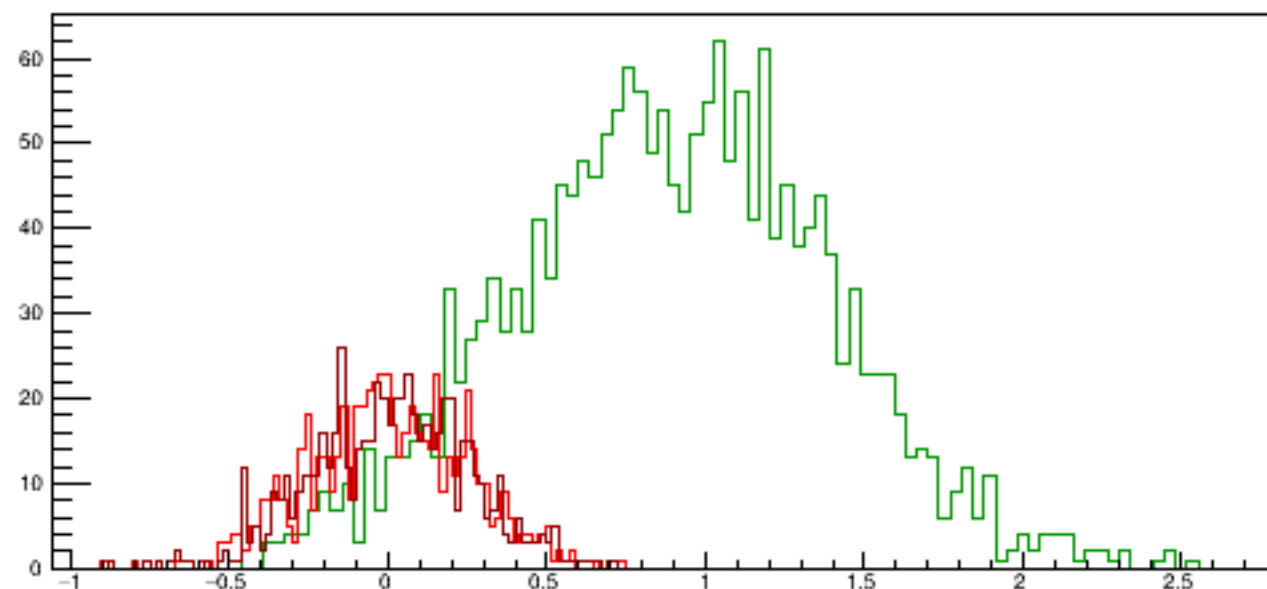
Std Dev: 0.4952 +/- 0.0080

Entries: 617

Mean: 0.0062 +/- 0.0102

Std Dev: 0.2525 +/- 0.0072

Run 5524 quartetwise, Diffs



Cycle 3, Sums

Entries: 609

Mean: 2.6751 +/- 0.0122

Std Dev: 0.3017 +/- 0.0086

Entries: 1924

Mean: 30.3302 +/- 0.0296

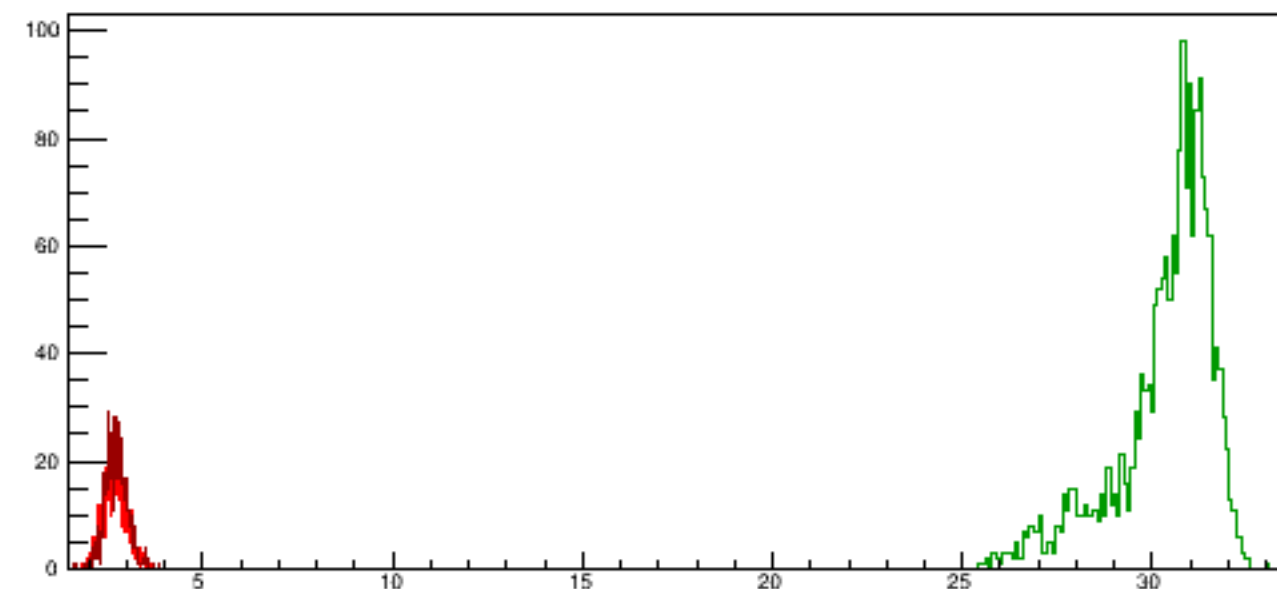
Std Dev: 1.2986 +/- 0.0209

Entries: 617

Mean: 2.7298 +/- 0.0117

Std Dev: 0.2905 +/- 0.0083

Run 5524 quartetwise, Sums



Cycle 3, Asyms

Entries: 609

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0091 +/- 0.0003

Entries: 1924

Mean: 0.0320 +/- 0.0004

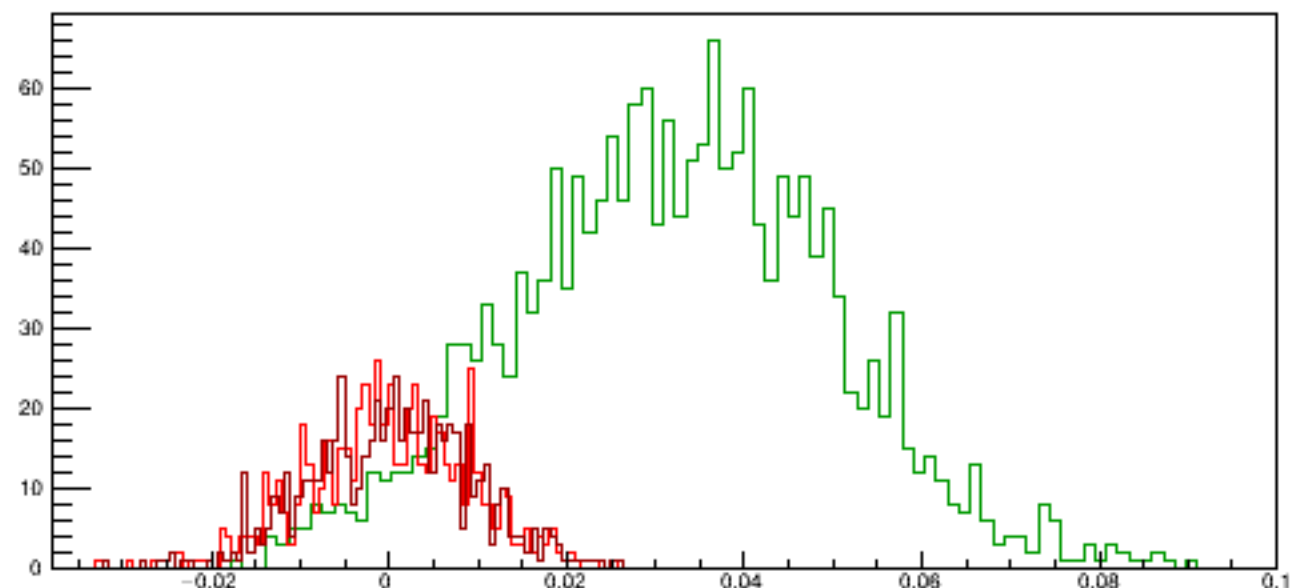
Std Dev: 0.0179 +/- 0.0003

Entries: 617

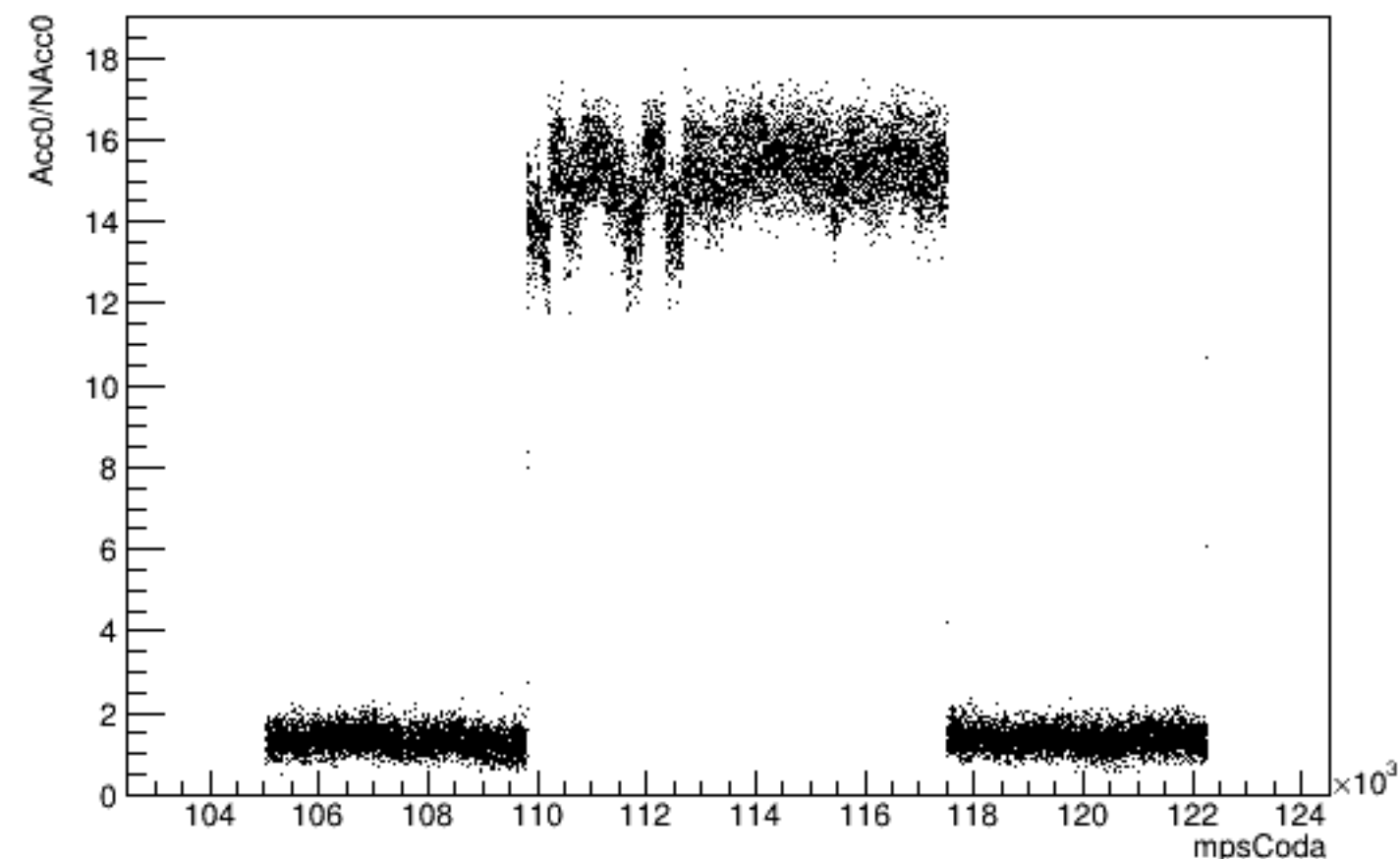
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0091 +/- 0.0003

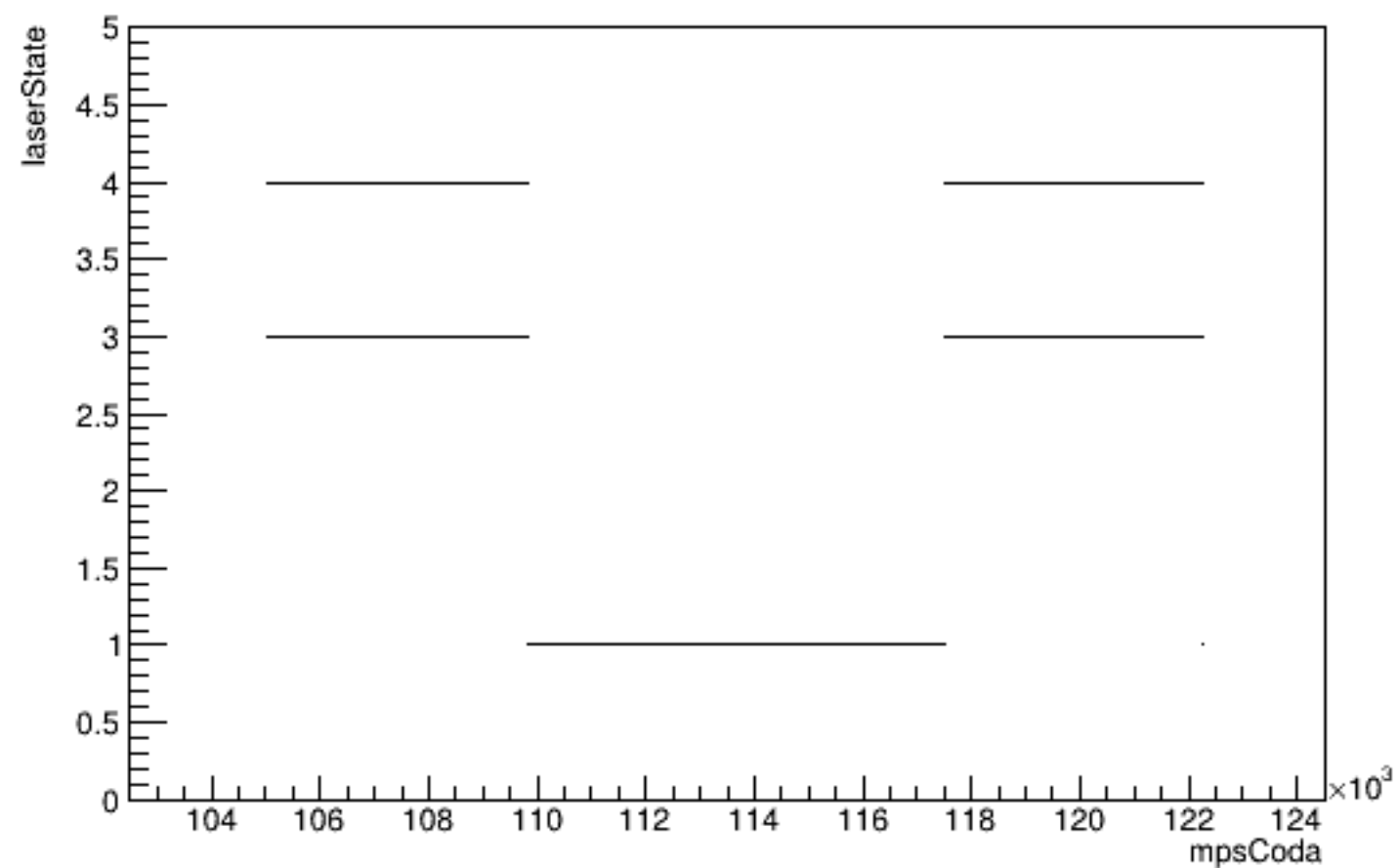
Run 5524 quartetwise, Asyms



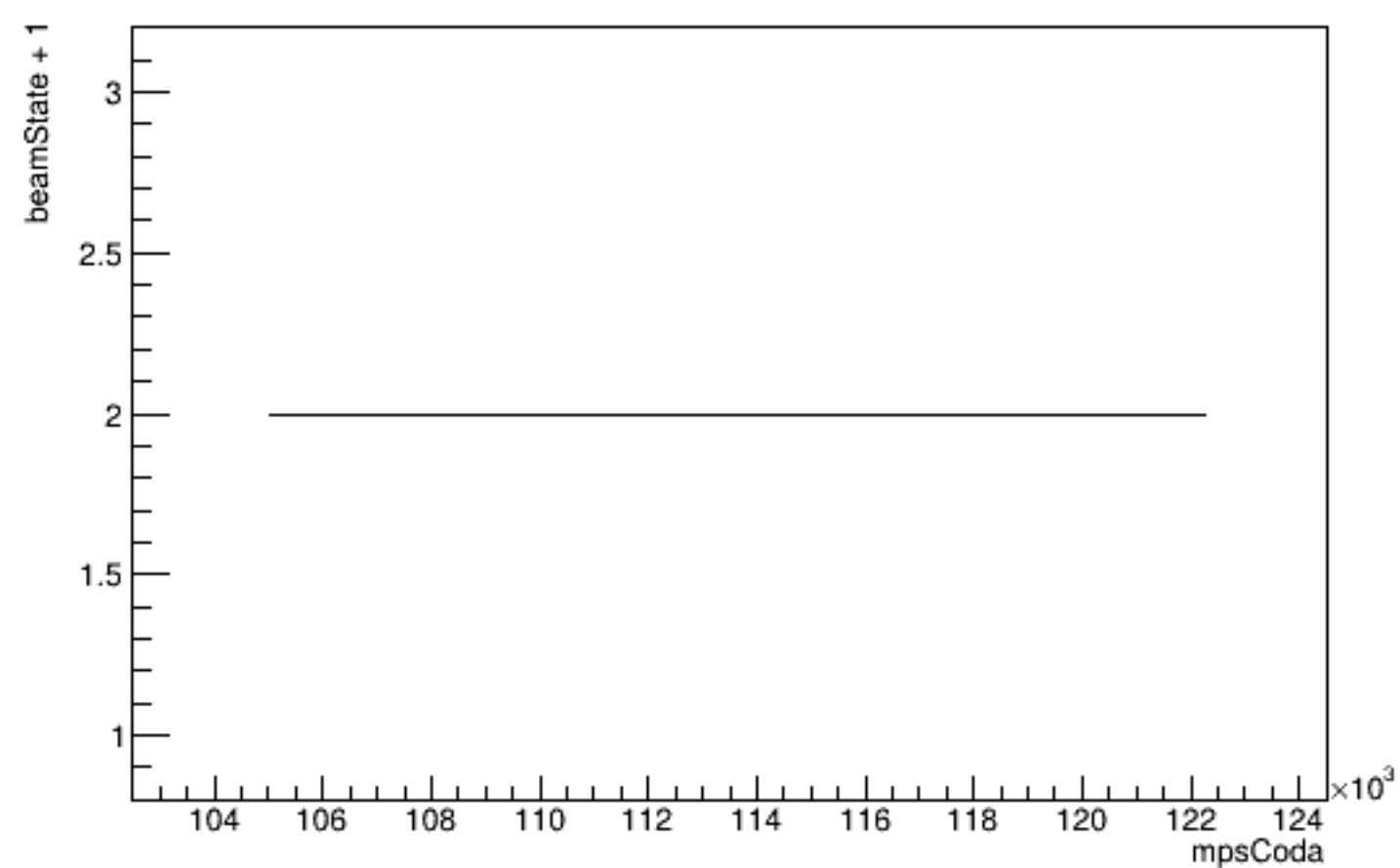
Acc0/NAcc0:mpsCoda (mpsCoda>=105035 && mpsCoda<=122274 && beamState==1)



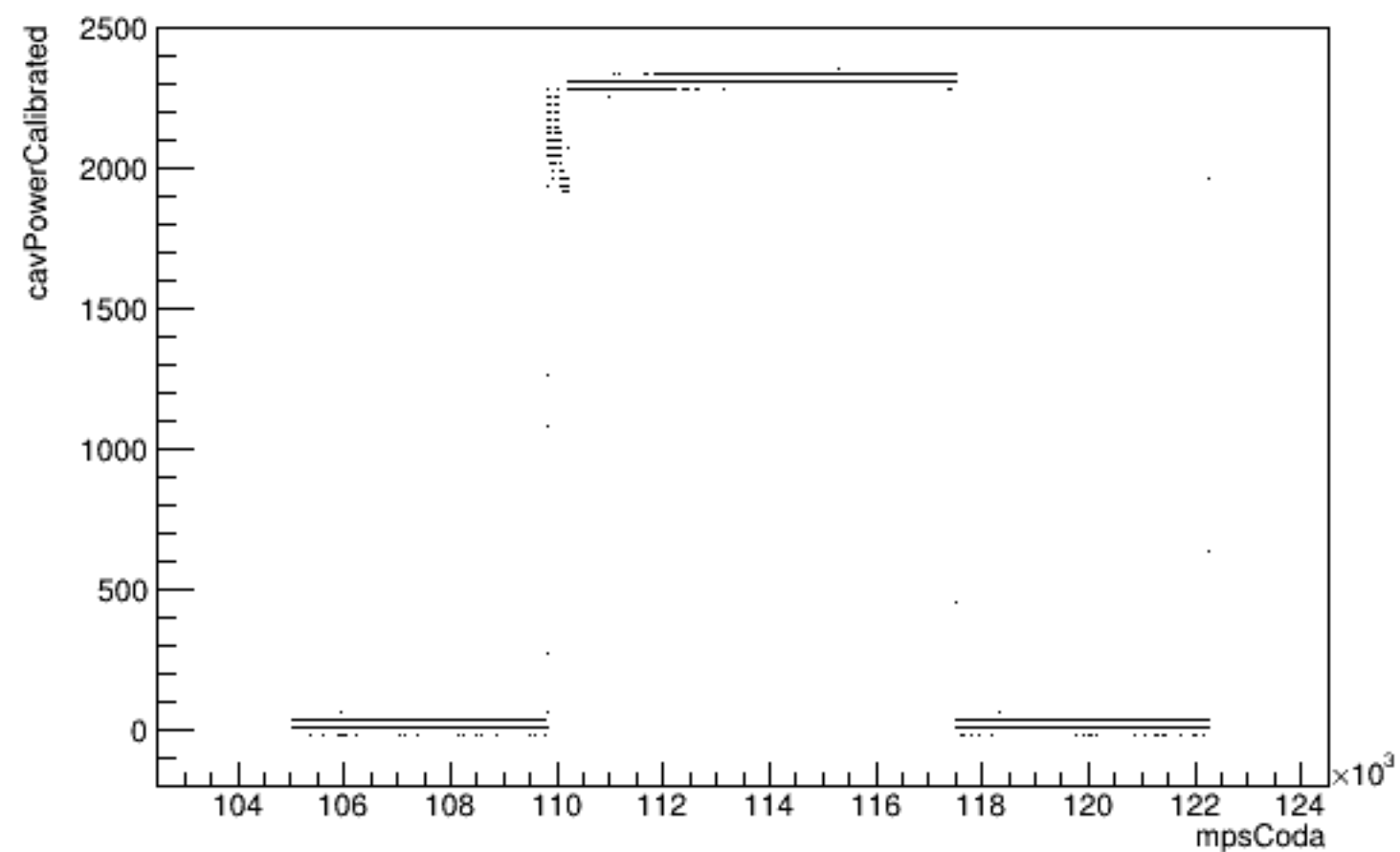
laserState:mpsCoda {mpsCoda>=105035 && mpsCoda<=122274}



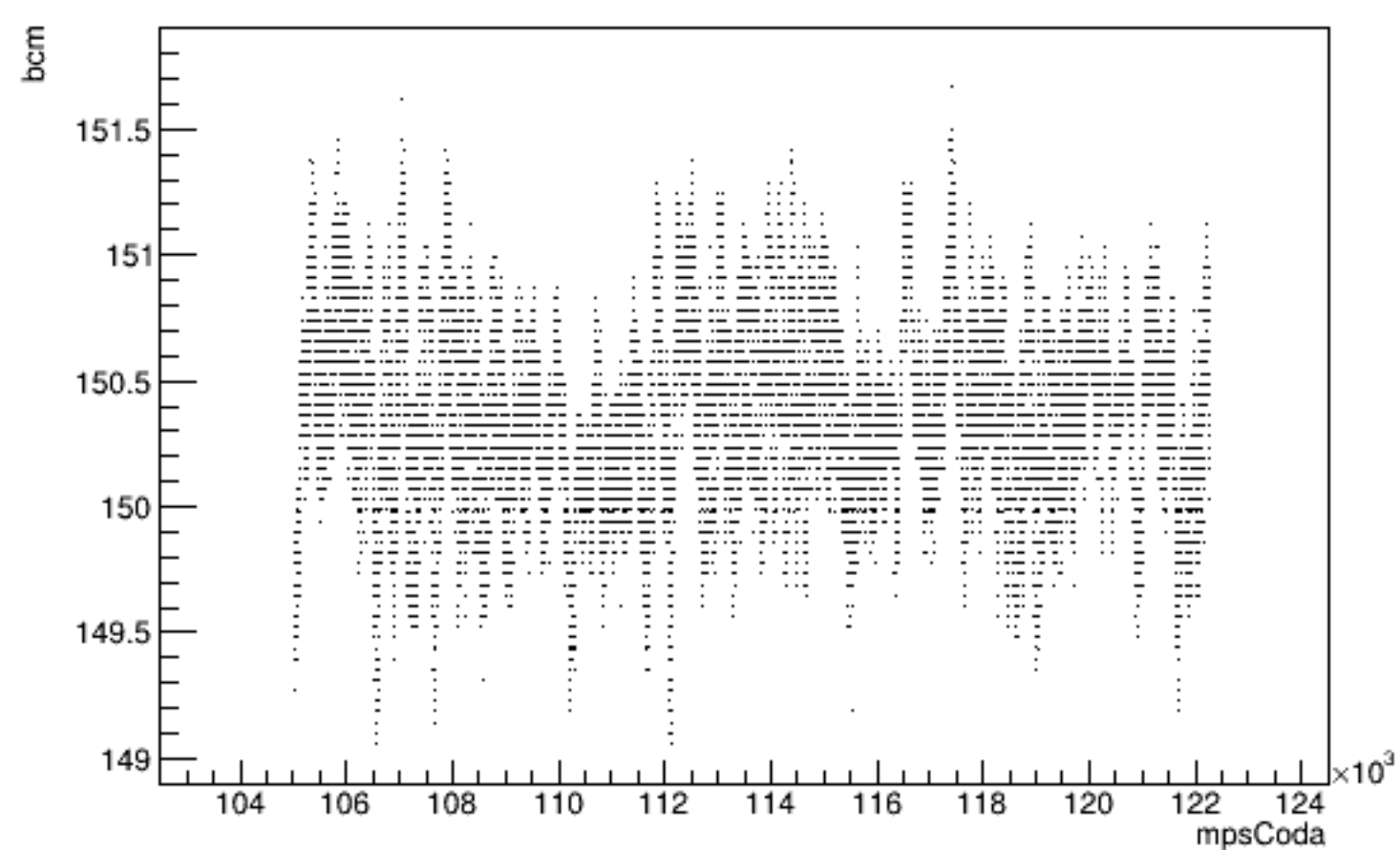
beamState + 1:mpsCoda {mpsCoda>=105035 && mpsCoda<=122274}



cavPowerCalibrated:mpsCoda {mpsCoda>=105035 && mpsCoda<=122274}



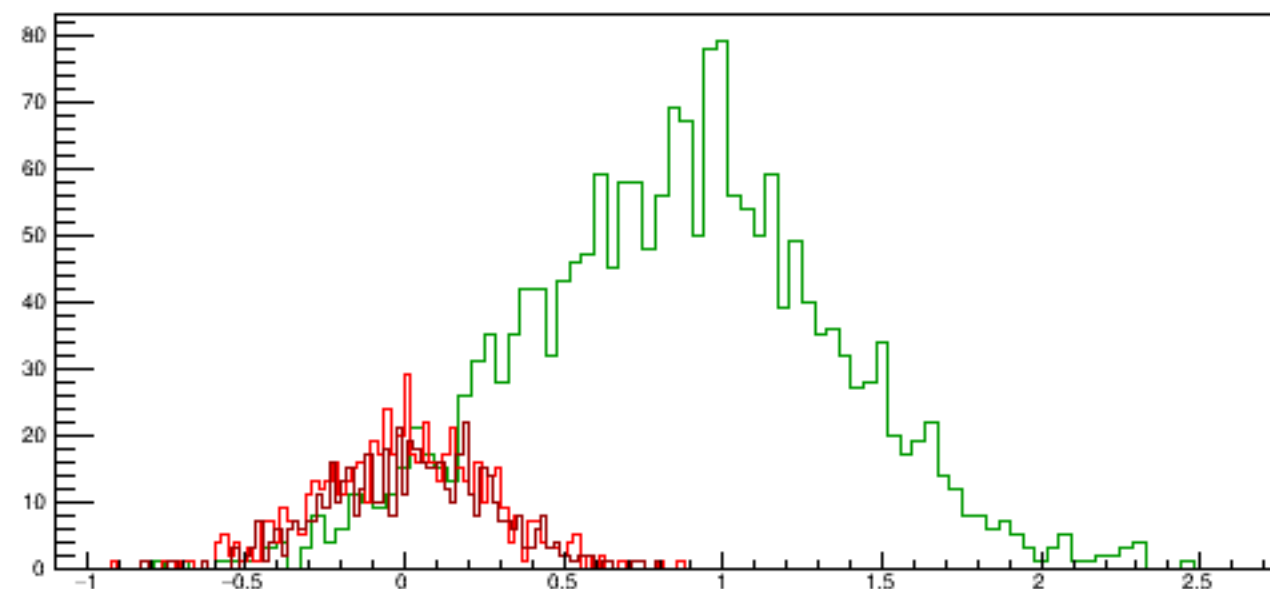
bcm:mpsCoda {mpsCoda>=105035 && mpsCoda<=122274}



Cycle 4, Diffs

Entries: 609	Entries: 1933	Entries: 543
Mean: -0.0038 +/- 0.0107	Mean: 0.8553 +/- 0.0112	Mean: 0.0197 +/- 0.0109
Std Dev: 0.2648 +/- 0.0076	Std Dev: 0.4908 +/- 0.0079	Std Dev: 0.2539 +/- 0.0077

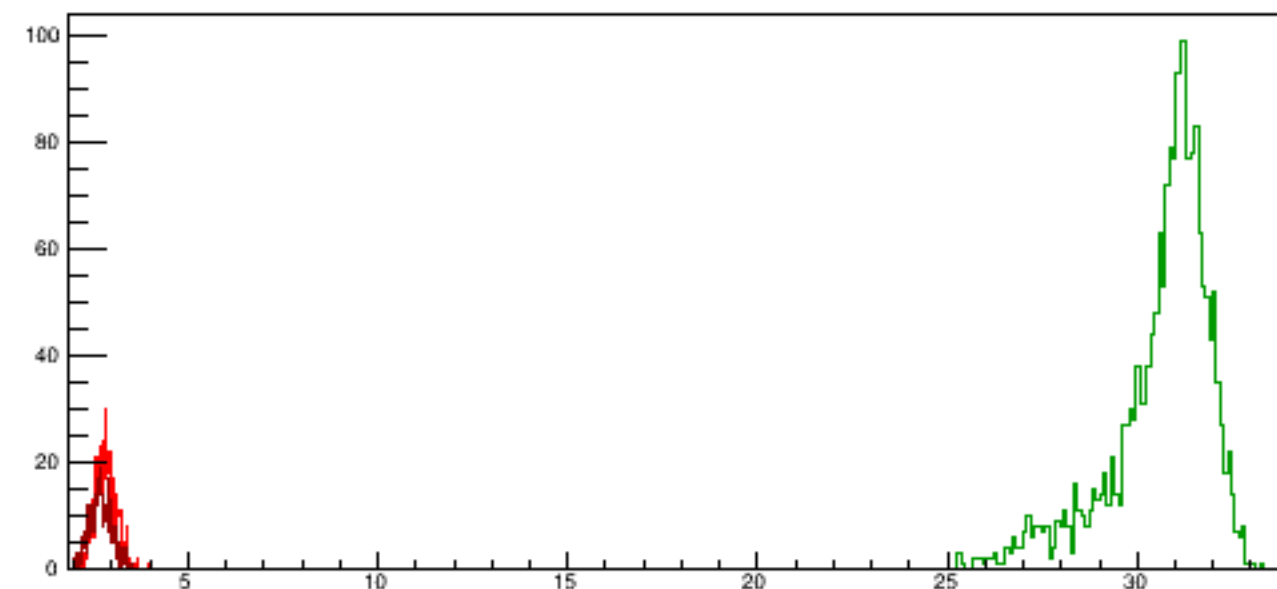
Run 5524 quartetwise, Diffs



Cycle 4, Sums

Entries: 609	Entries: 1933	Entries: 543
Mean: 2.8303 +/- 0.0113	Mean: 30.6535 +/- 0.0300	Mean: 2.7160 +/- 0.0123
Std Dev: 0.2793 +/- 0.0080	Std Dev: 1.3173 +/- 0.0212	Std Dev: 0.2867 +/- 0.0087

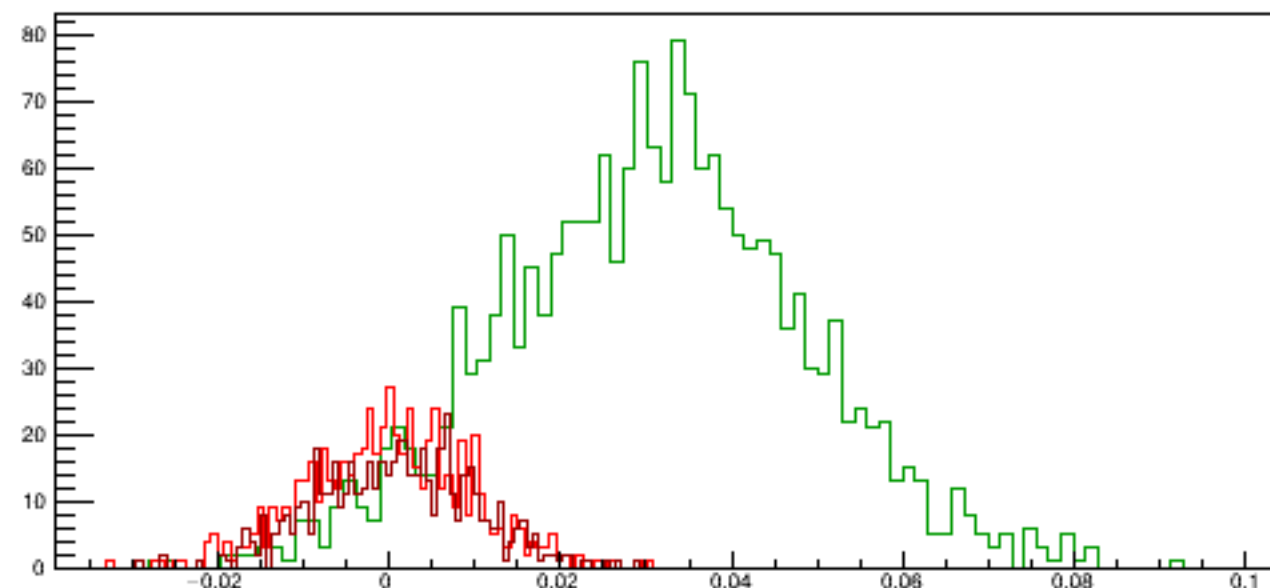
Run 5524 quartetwise, Sums



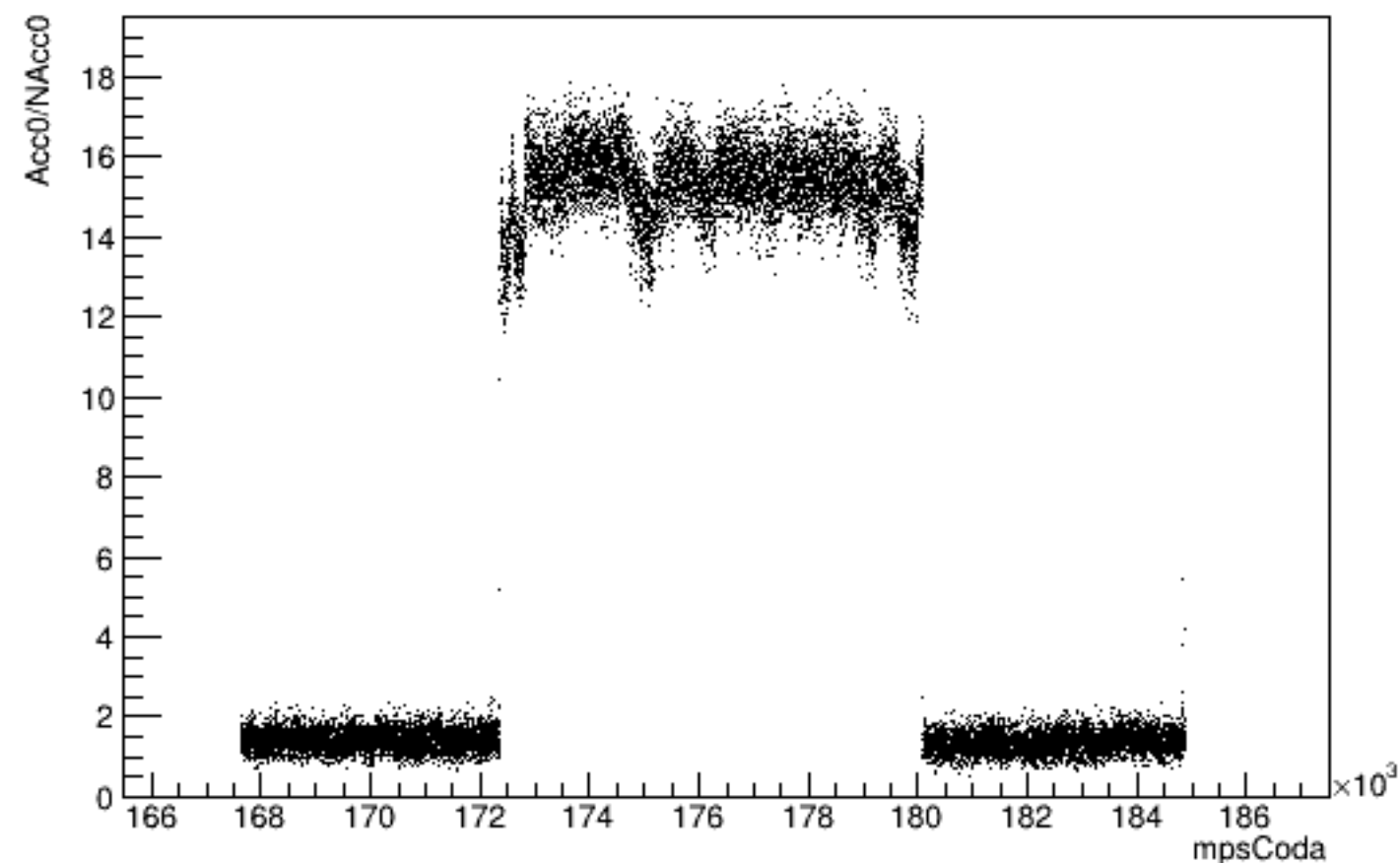
Cycle 4, Asyms

Entries: 609	Entries: 1933	Entries: 543
Mean: -0.0001 +/- 0.0004	Mean: 0.0307 +/- 0.0004	Mean: 0.0007 +/- 0.0004
Std Dev: 0.0095 +/- 0.0003	Std Dev: 0.0176 +/- 0.0003	Std Dev: 0.0091 +/- 0.0003

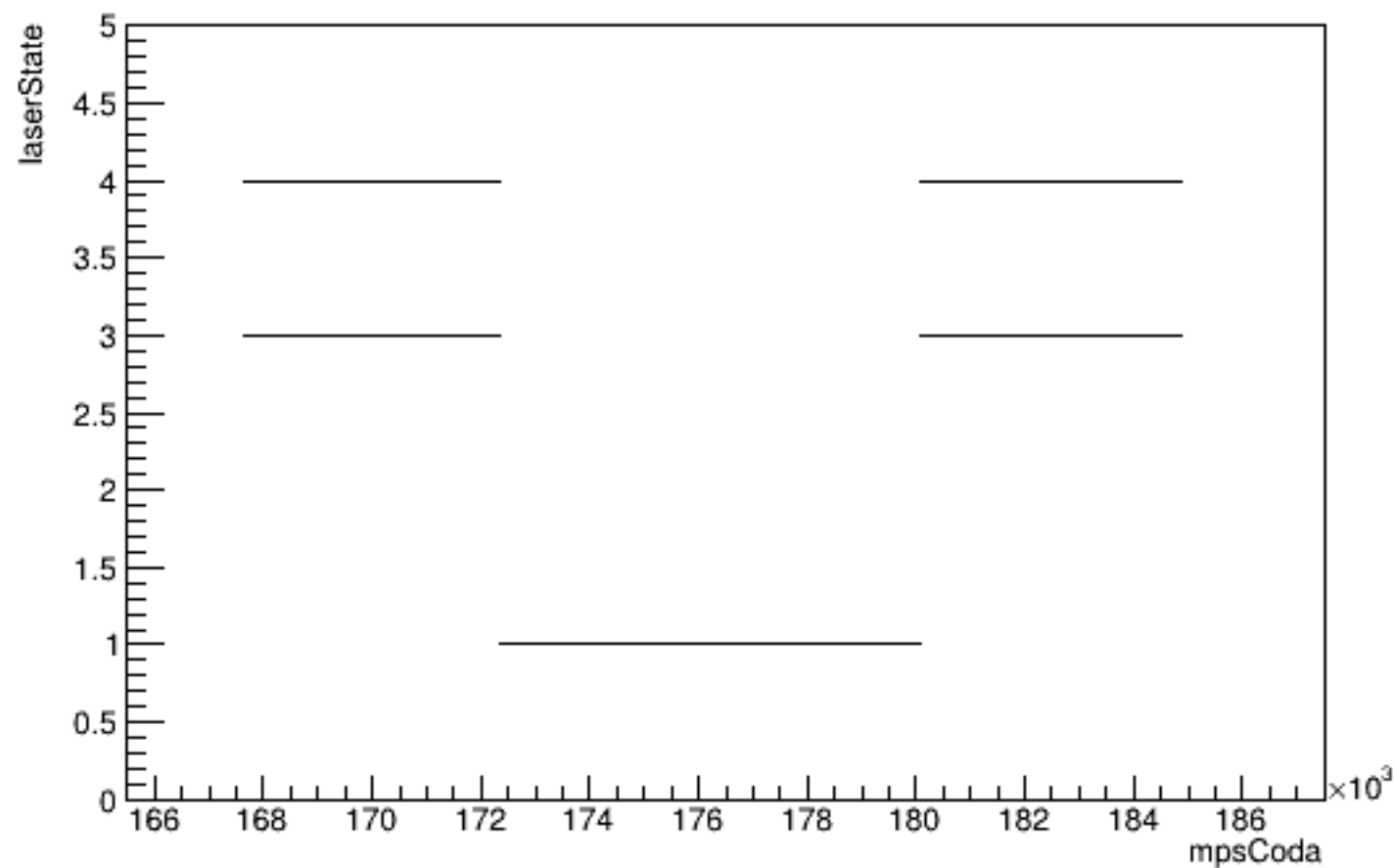
Run 5524 quartetwise, Asyms



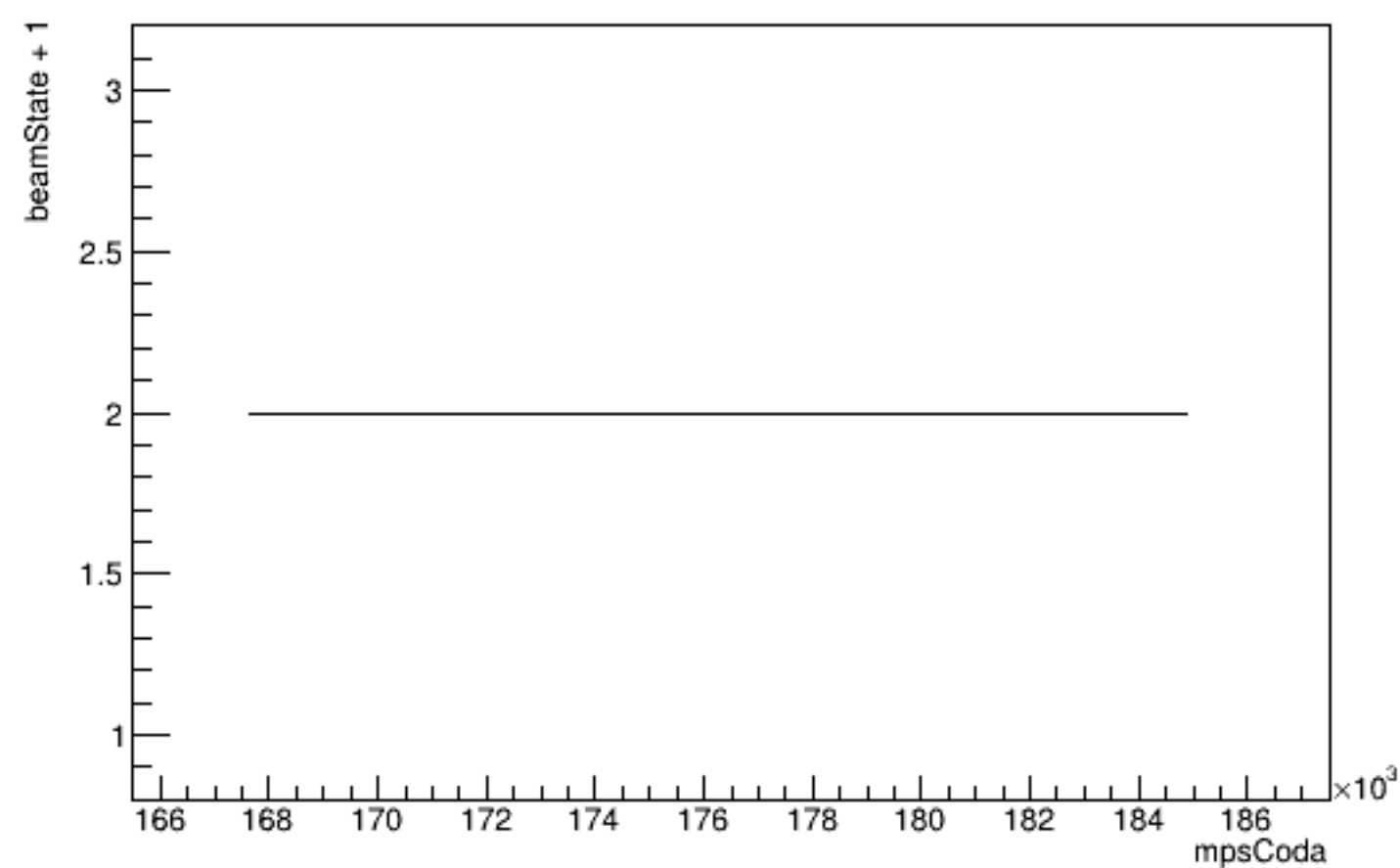
Acc0/NAcc0:mpsCoda (mpsCoda>=167631 && mpsCoda<=184870 && beamState==1)



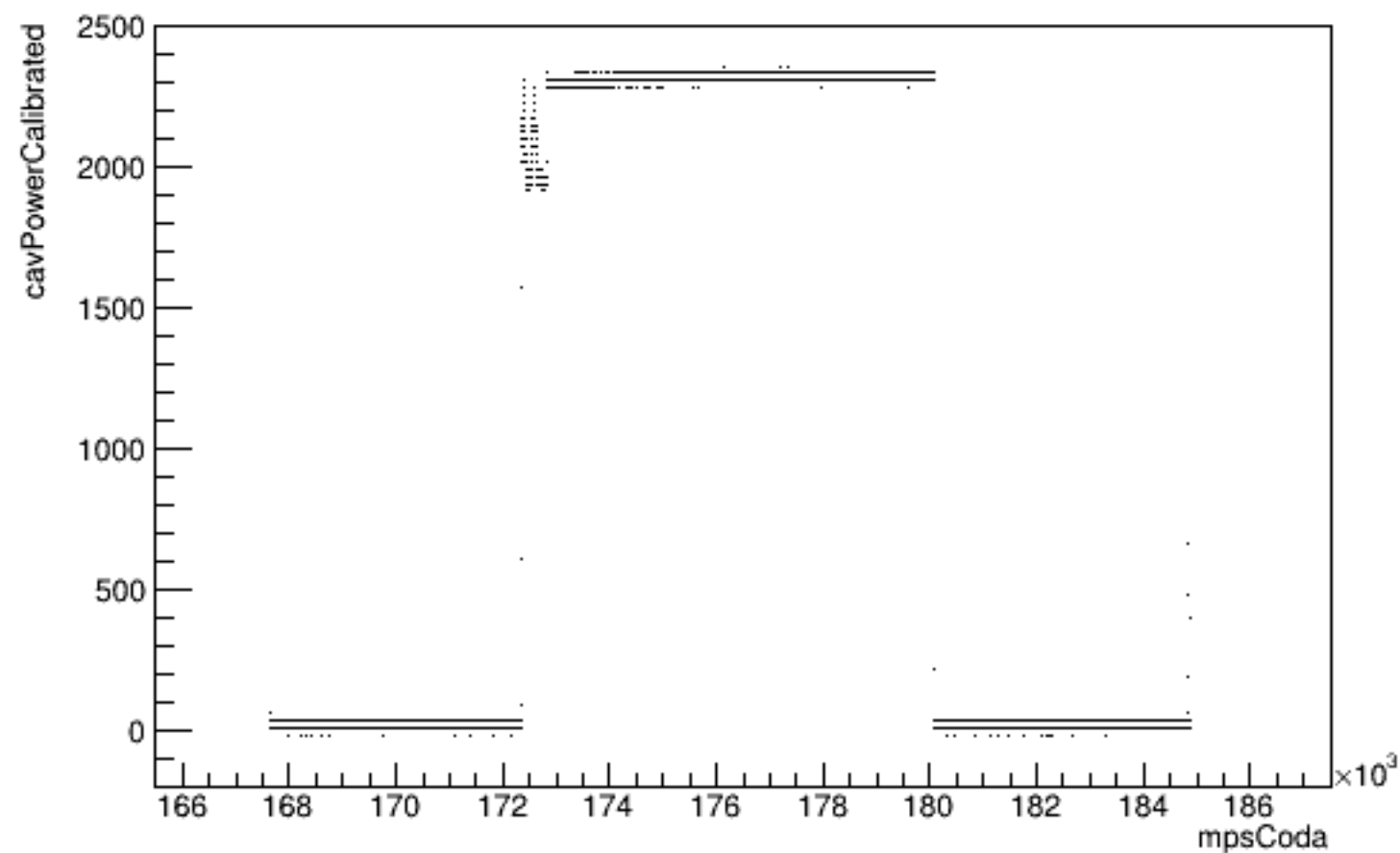
laserState:mpsCoda {mpsCoda>=167631 && mpsCoda<=184870}



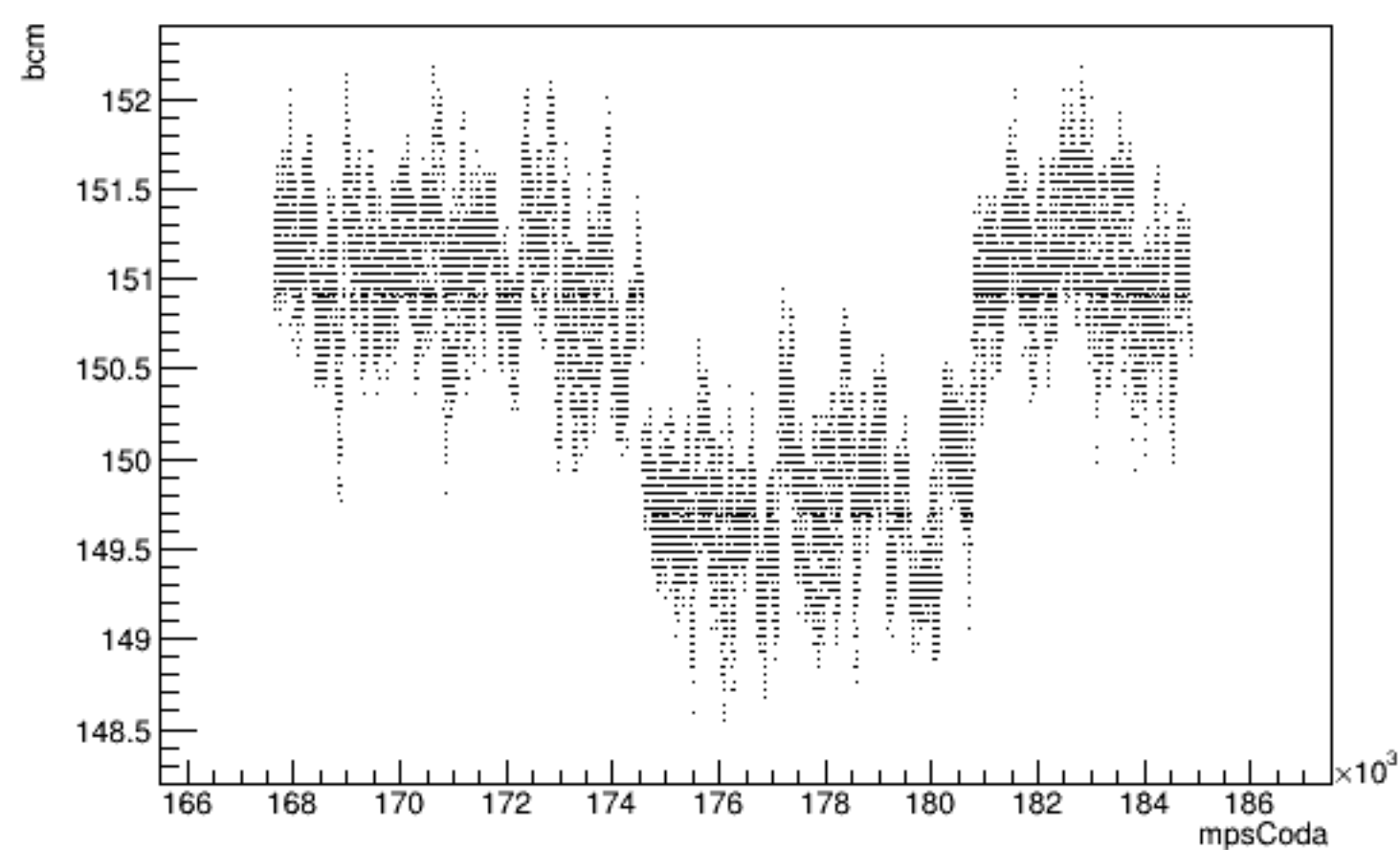
beamState + 1:mpsCoda {mpsCoda>=167631 && mpsCoda<=184870}



cavPowerCalibrated:mpsCoda {mpsCoda>=167631 && mpsCoda<=184870}



bcm:mpsCoda {mpsCoda>=167631 && mpsCoda<=184870}



Cycle 5, Diffs

Entries: 543

Mean: 0.0197 +/- 0.0109

Std Dev: 0.2539 +/- 0.0077

Entries: 1901

Mean: 0.8963 +/- 0.0111

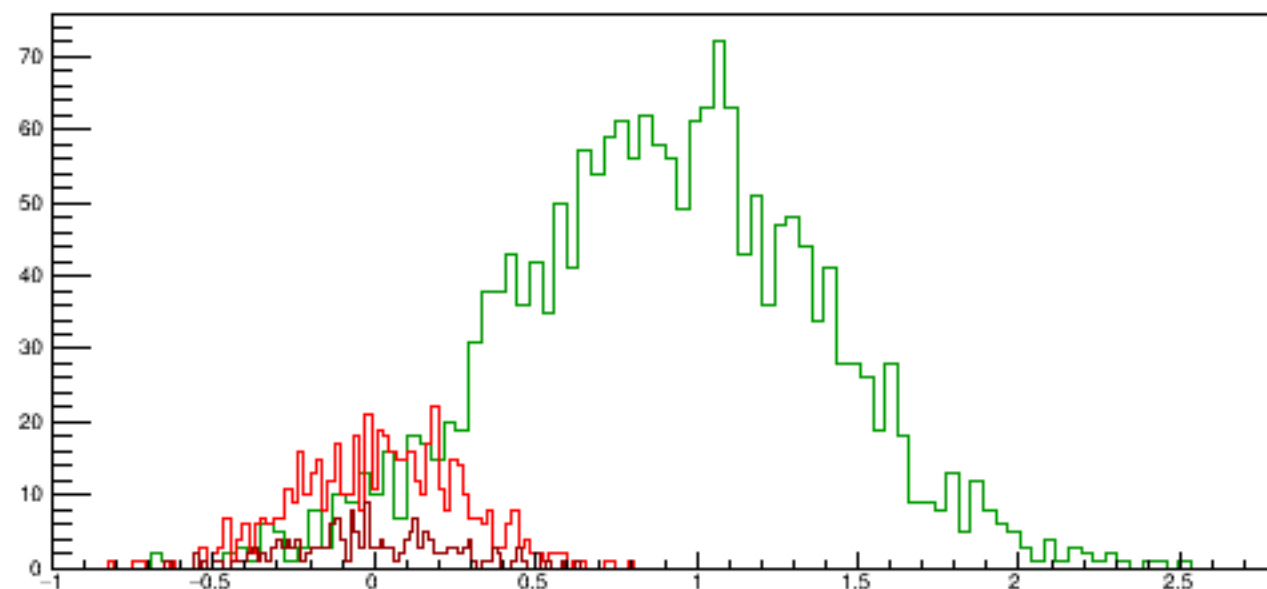
Std Dev: 0.4843 +/- 0.0079

Entries: 184

Mean: -0.0129 +/- 0.0186

Std Dev: 0.2523 +/- 0.0132

Run 5524 quartetwise, Diffs



Cycle 5, Sums

Entries: 543

Mean: 2.7160 +/- 0.0123

Std Dev: 0.2867 +/- 0.0087

Entries: 1901

Mean: 31.0768 +/- 0.0290

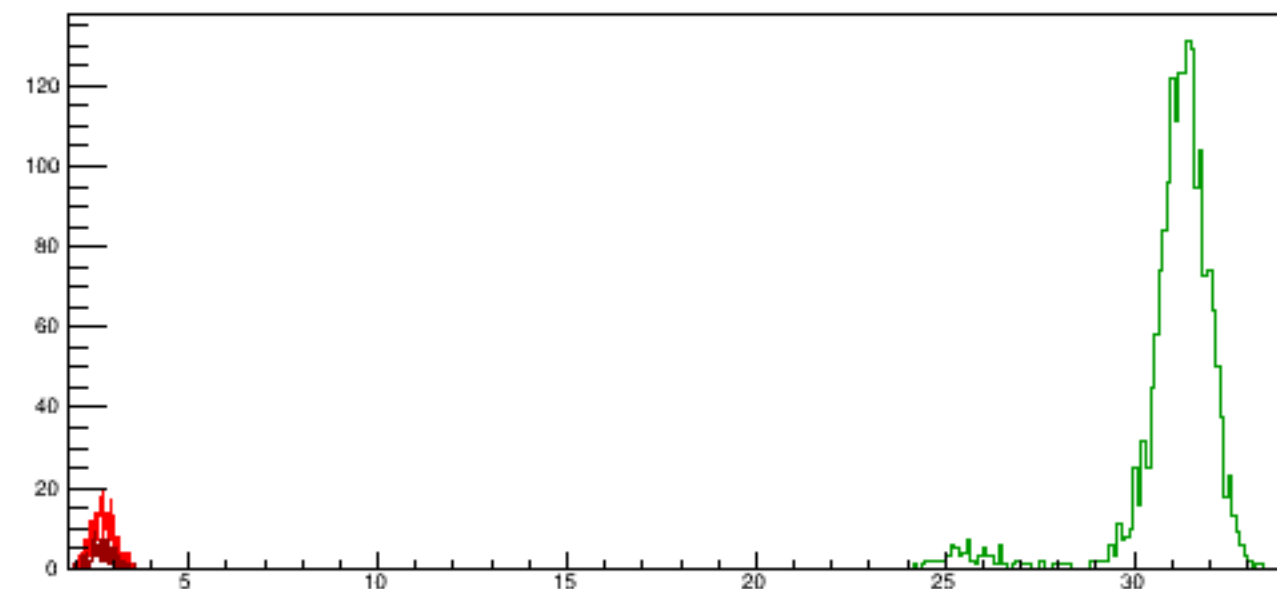
Std Dev: 1.2660 +/- 0.0205

Entries: 184

Mean: 2.7190 +/- 0.0208

Std Dev: 0.2817 +/- 0.0147

Run 5524 quartetwise, Sums



Cycle 5, Asyms

Entries: 543

Mean: 0.0007 +/- 0.0004

Std Dev: 0.0090 +/- 0.0003

Entries: 1901

Mean: 0.0316 +/- 0.0004

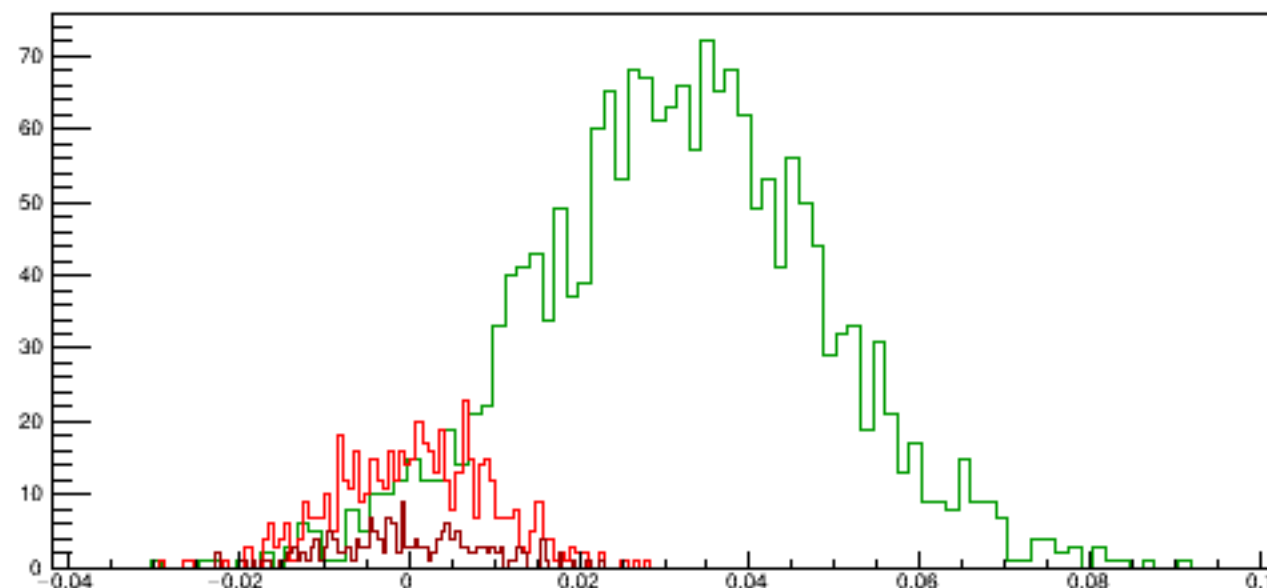
Std Dev: 0.0172 +/- 0.0003

Entries: 184

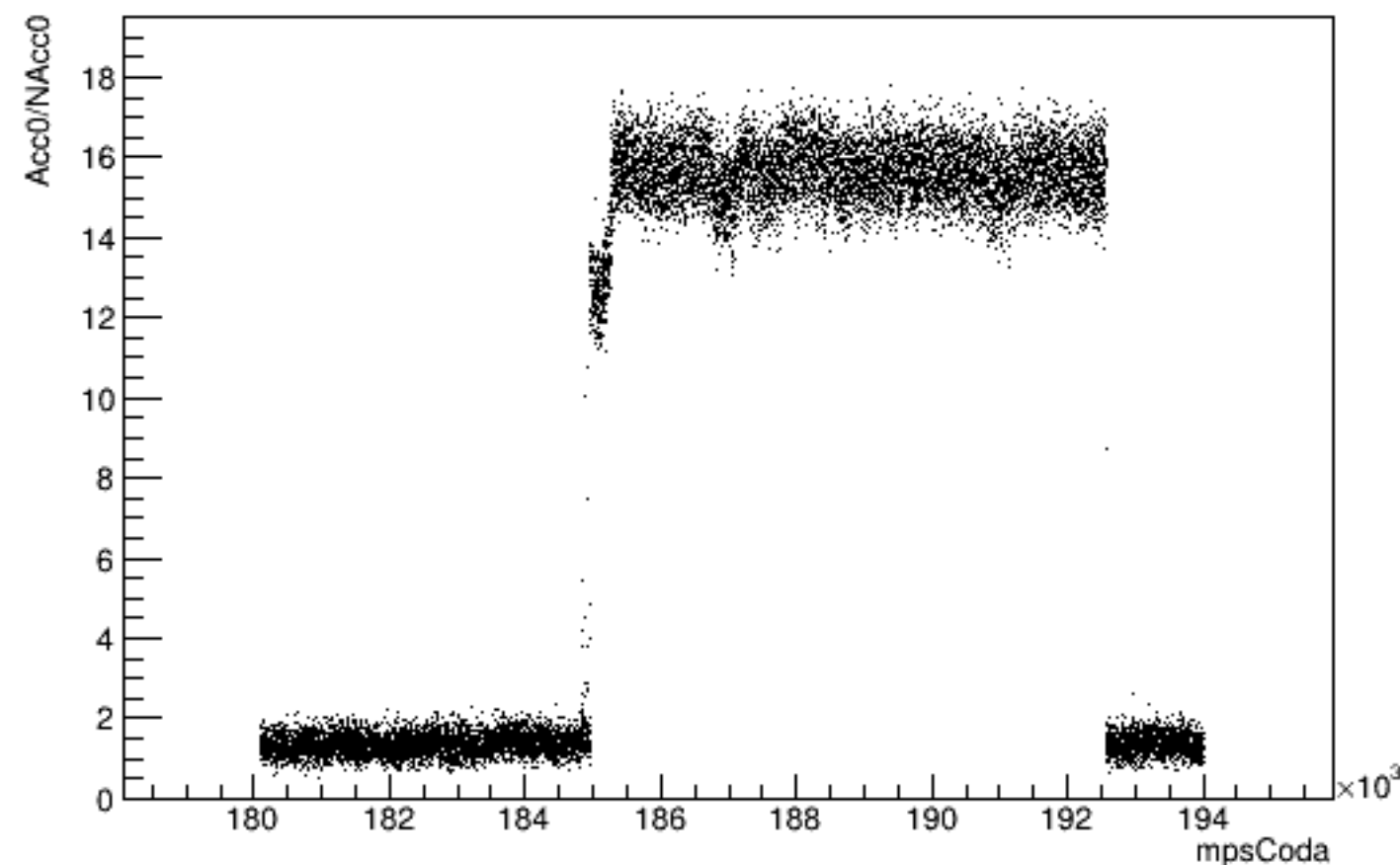
Mean: -0.0005 +/- 0.0007

Std Dev: 0.0089 +/- 0.0005

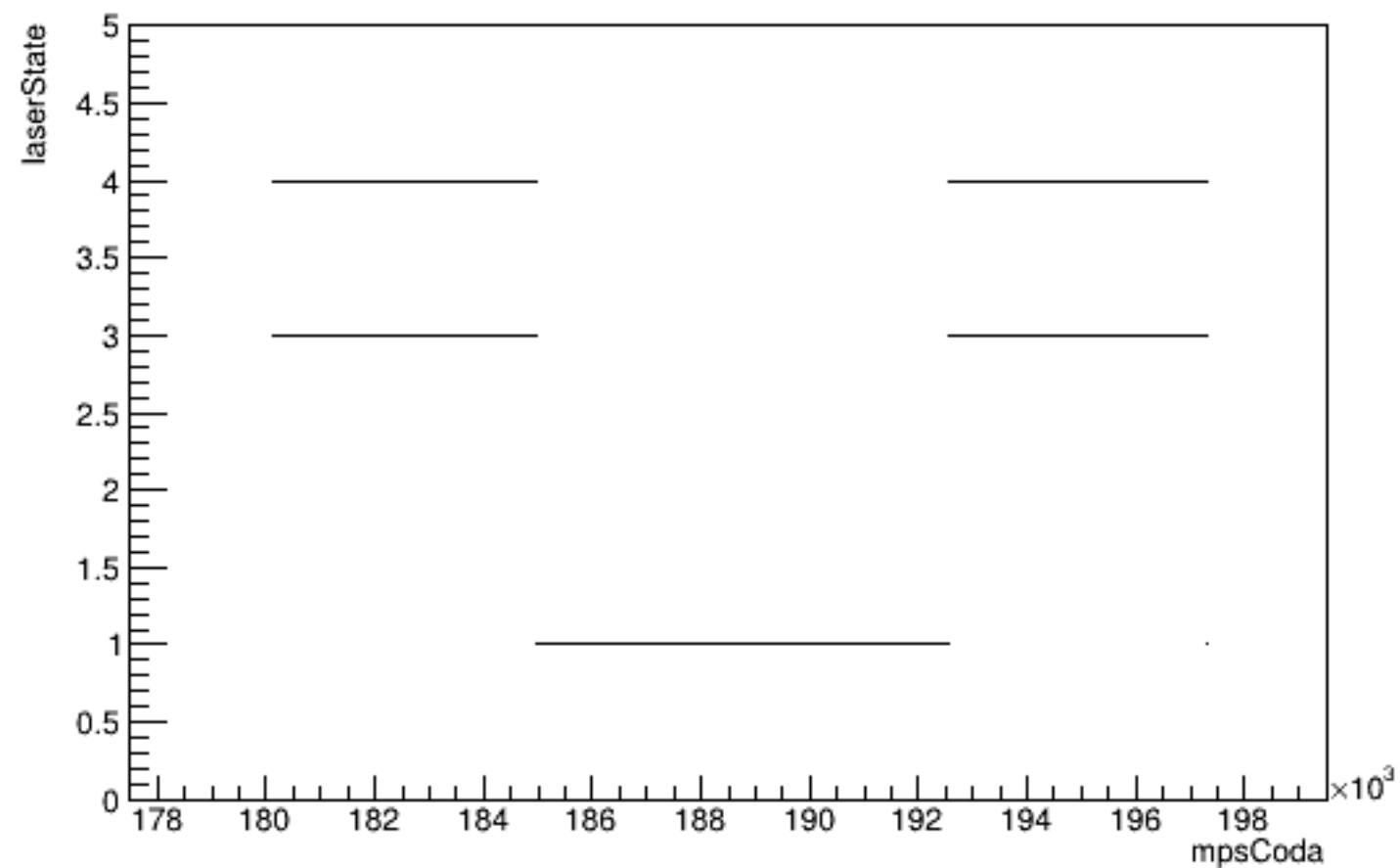
Run 5524 quartetwise, Asyms



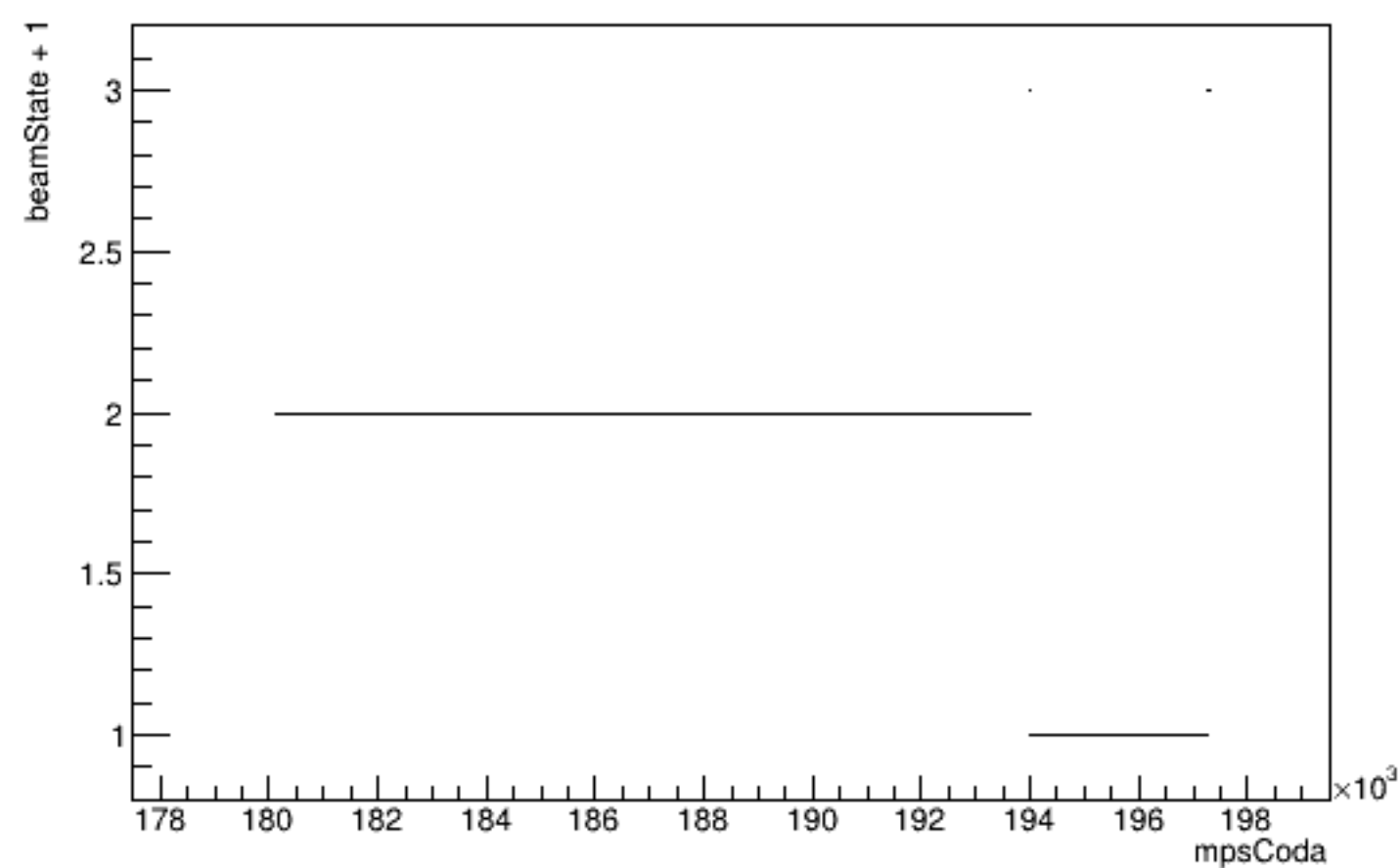
Acc0/NAcc0:mpsCoda (mpsCoda>=180099 && mpsCoda<=197294 && beamState==1)



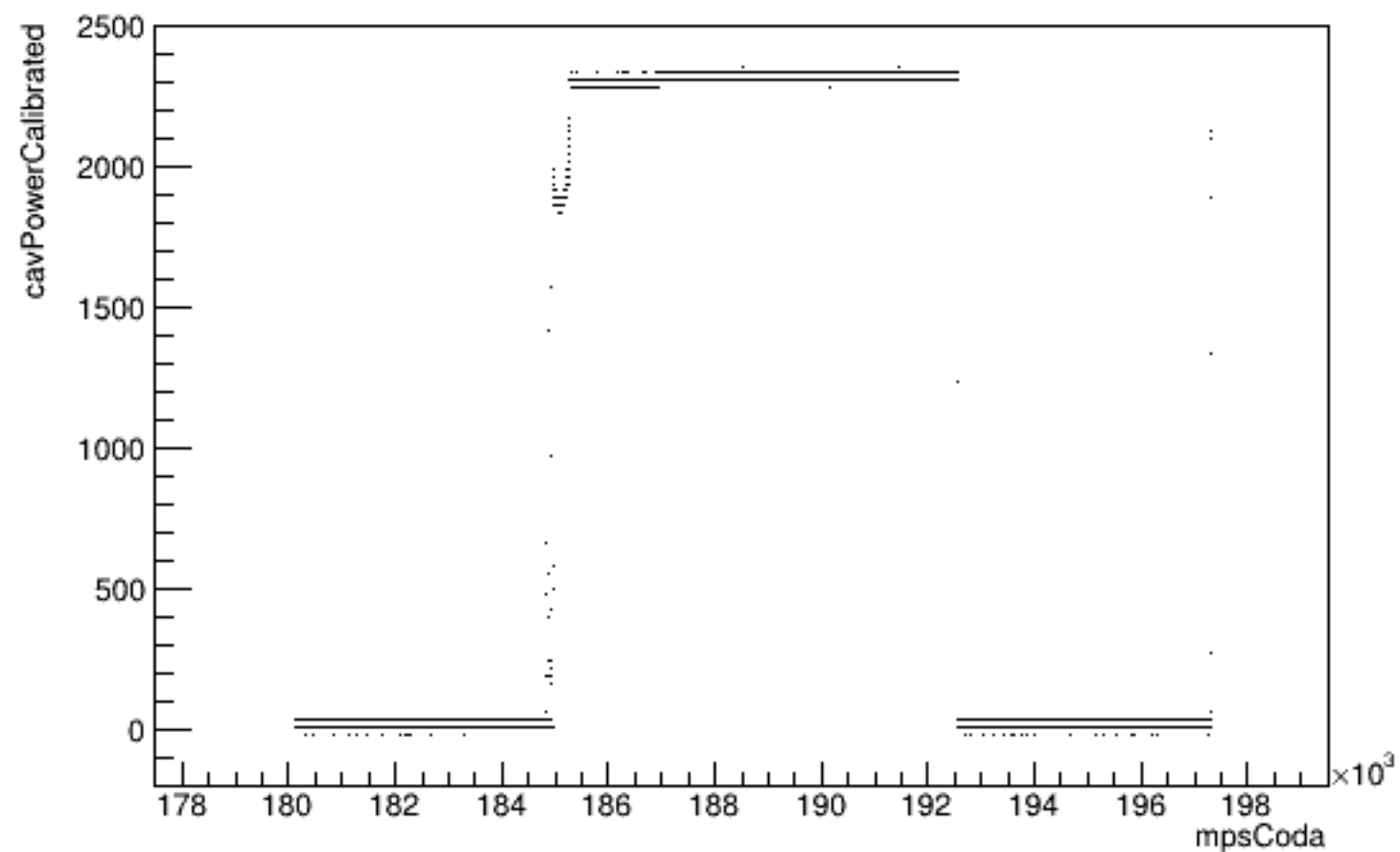
laserState:mpsCoda {mpsCoda>=180099 && mpsCoda<=197294}



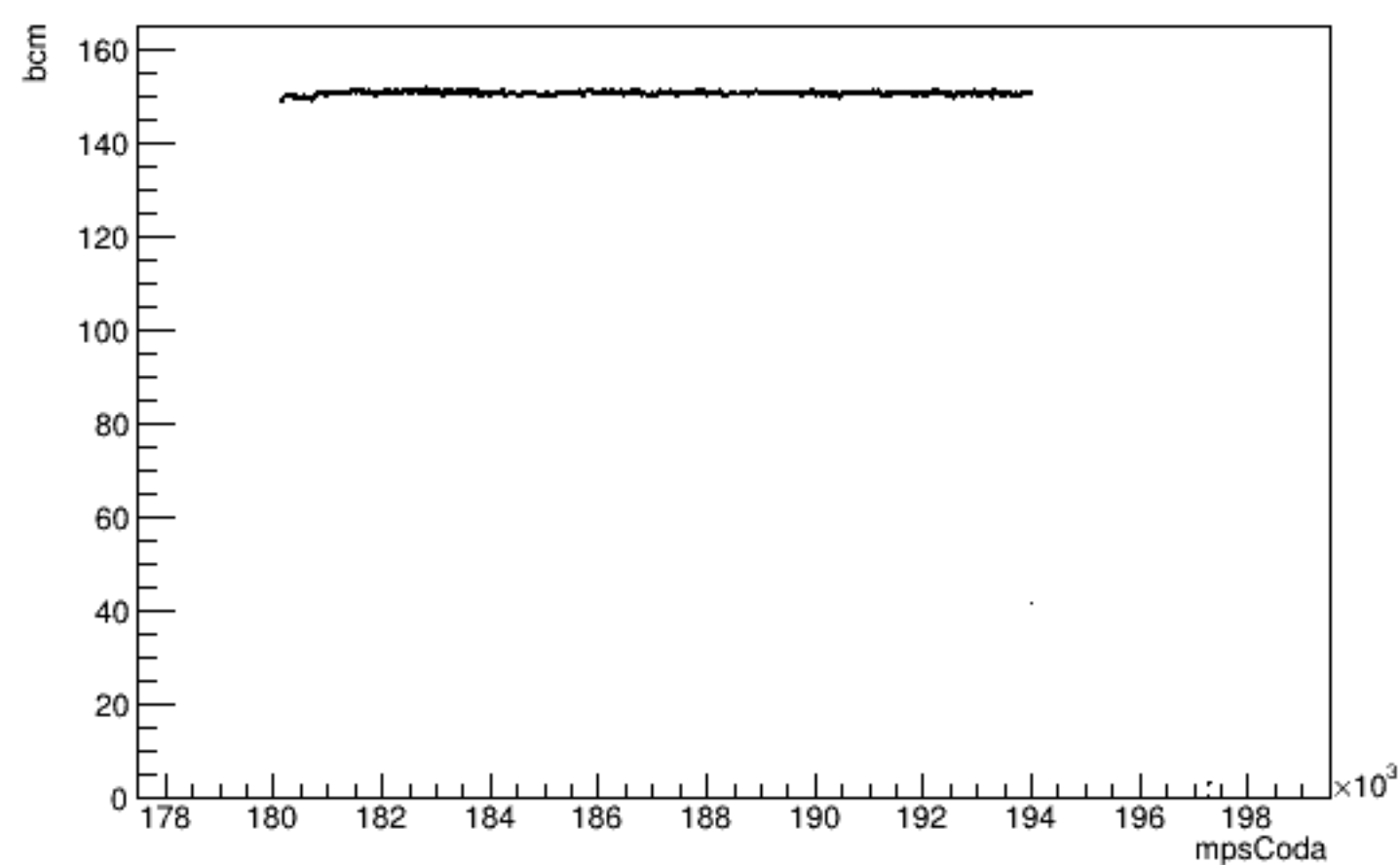
beamState + 1:mpsCoda {mpsCoda>=180099 && mpsCoda<=197294}



cavPowerCalibrated:mpsCoda {mpsCoda>=180099 && mpsCoda<=197294}



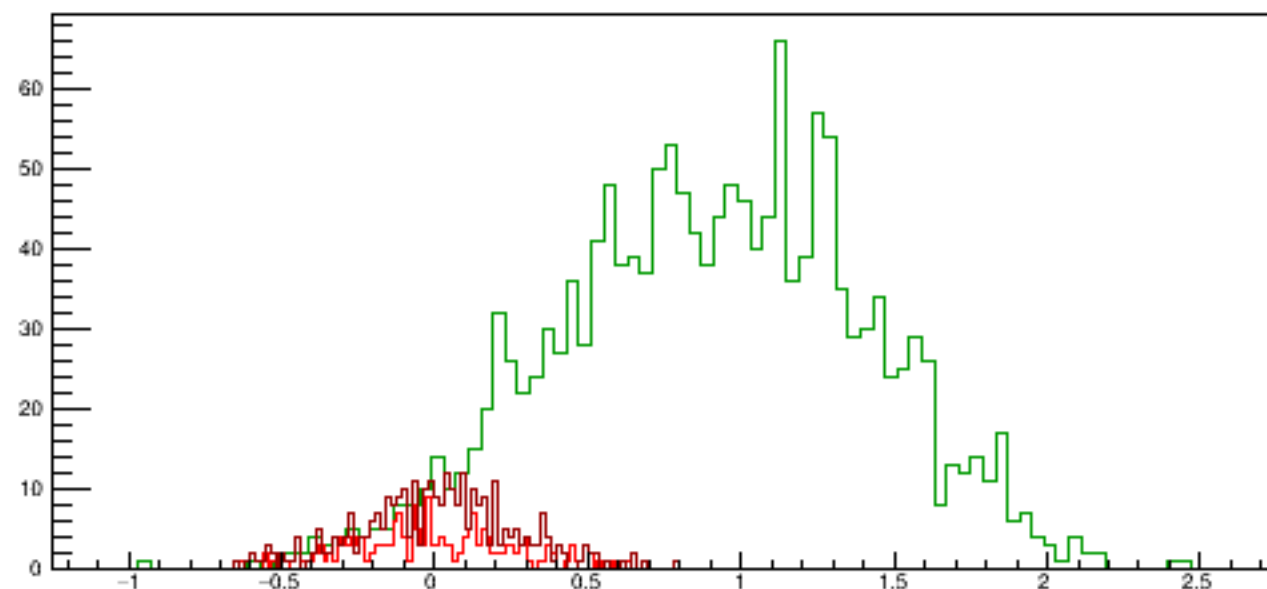
bcm:mpsCoda {mpsCoda>=180099 && mpsCoda<=197294}



Cycle 6, Diffs

Entries: 184	Entries: 1604	Entries: 318
Mean: -0.0129 +/- 0.0186	Mean: 0.8995 +/- 0.0127	Mean: 0.0065 +/- 0.0145
Std Dev: 0.2523 +/- 0.0132	Std Dev: 0.5082 +/- 0.0090	Std Dev: 0.2582 +/- 0.0102

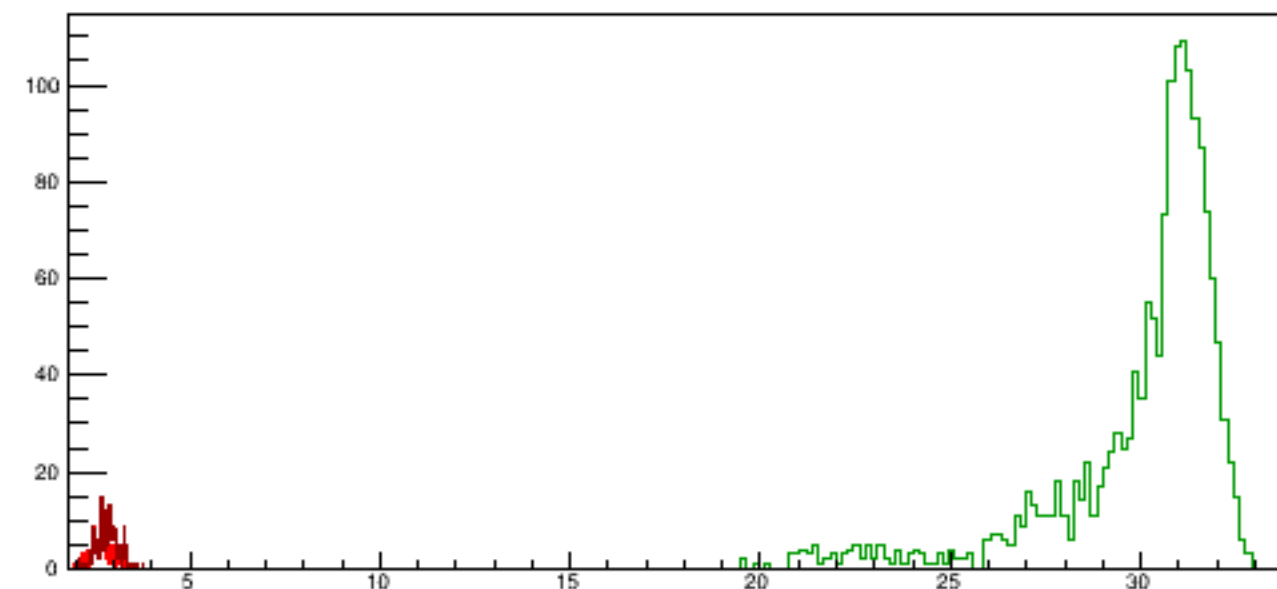
Run 5524 quartetwise, Diffs



Cycle 6, Sums

Entries: 184	Entries: 1604	Entries: 318
Mean: 2.7190 +/- 0.0208	Mean: 30.0461 +/- 0.0564	Mean: 2.8340 +/- 0.0159
Std Dev: 0.2817 +/- 0.0147	Std Dev: 2.2594 +/- 0.0399	Std Dev: 0.2840 +/- 0.0113

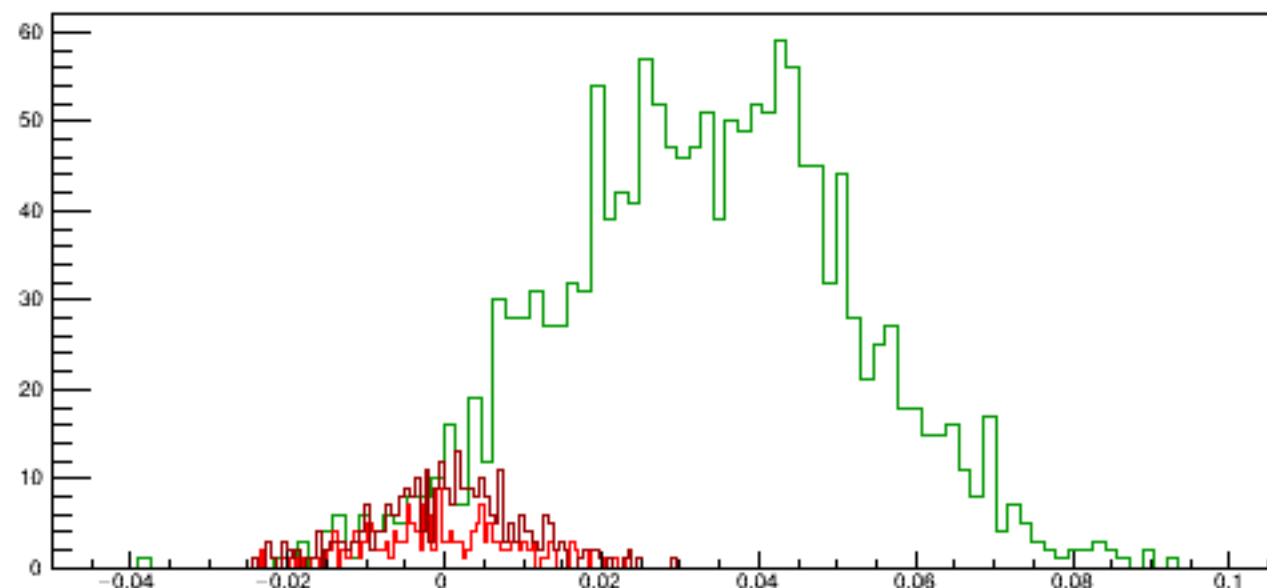
Run 5524 quartetwise, Sums



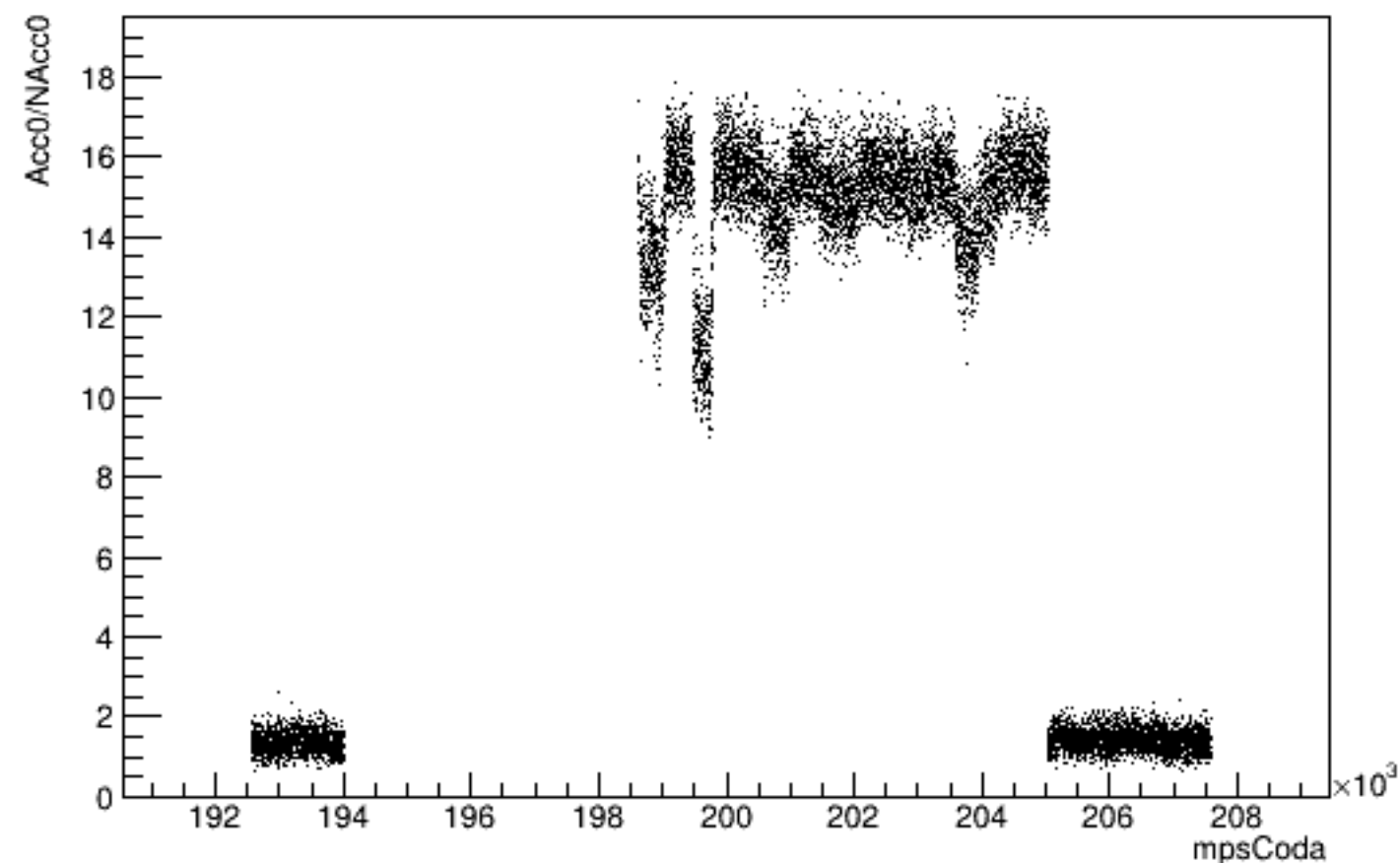
Cycle 6, Asyms

Entries: 184	Entries: 1604	Entries: 318
Mean: -0.0005 +/- 0.0007	Mean: 0.0331 +/- 0.0005	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0093 +/- 0.0005	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0095 +/- 0.0004

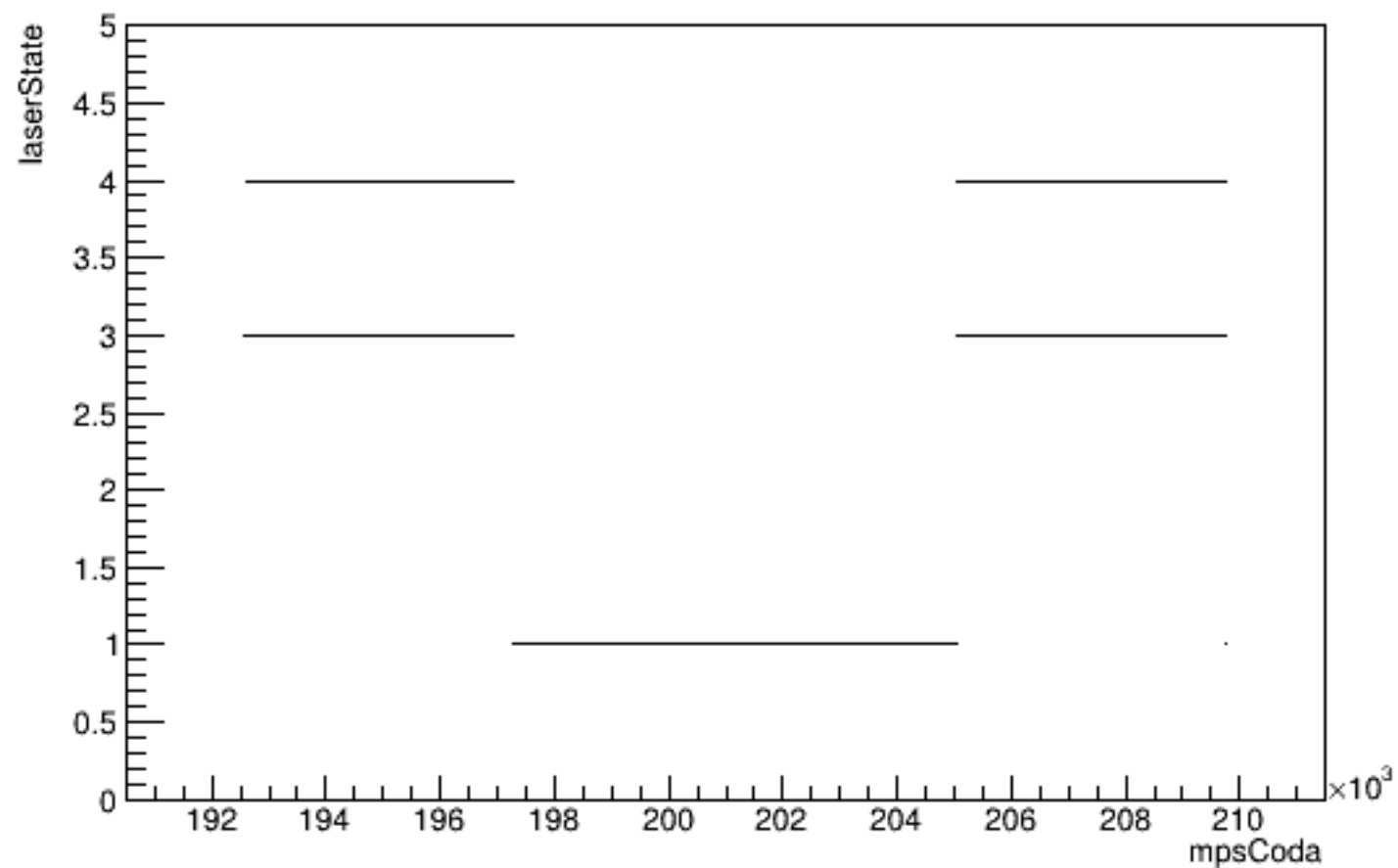
Run 5524 quartetwise, Asyms



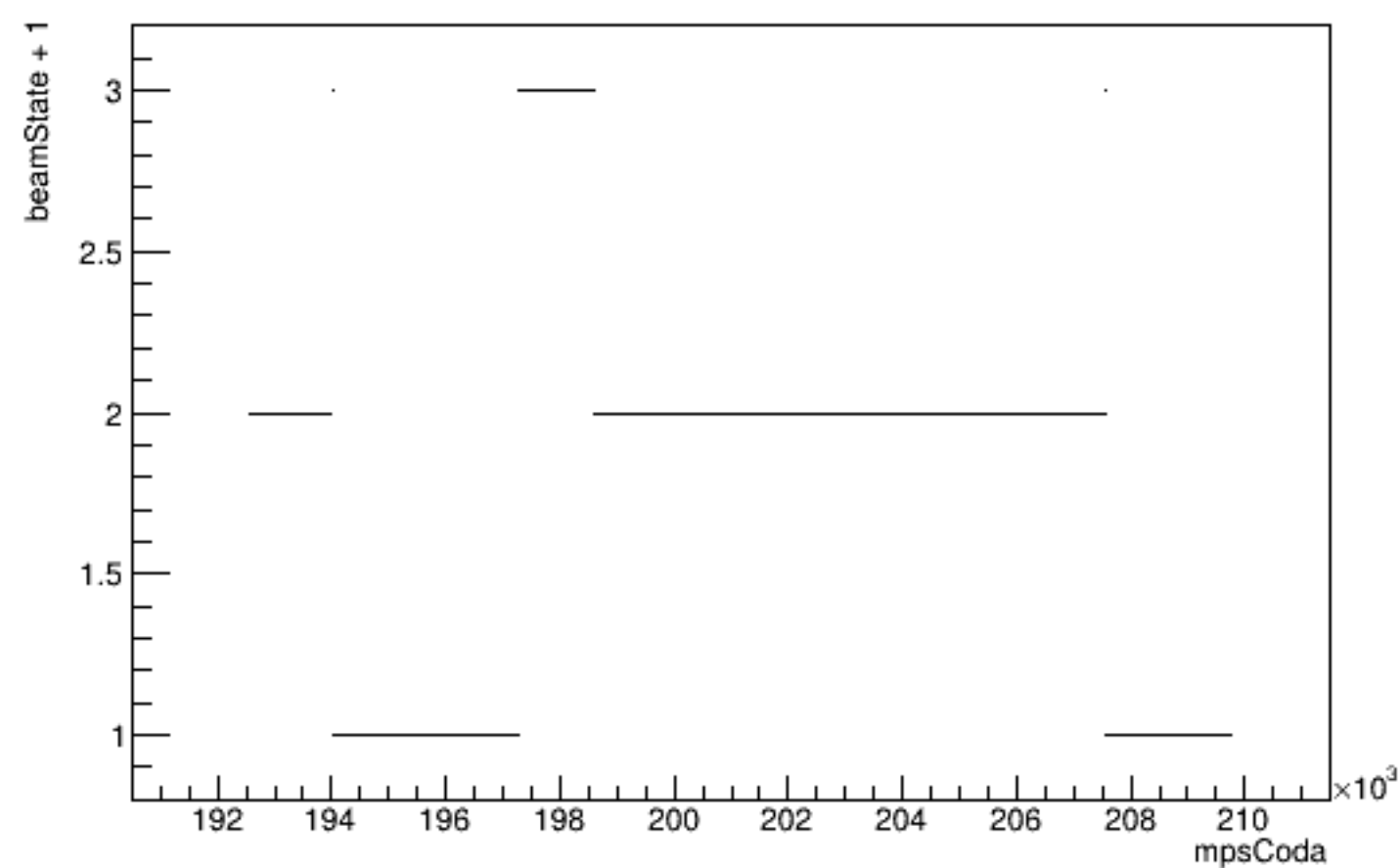
Acc0/NAcc0:mpsCoda (mpsCoda>=192571 && mpsCoda<=209754 && beamState==1)



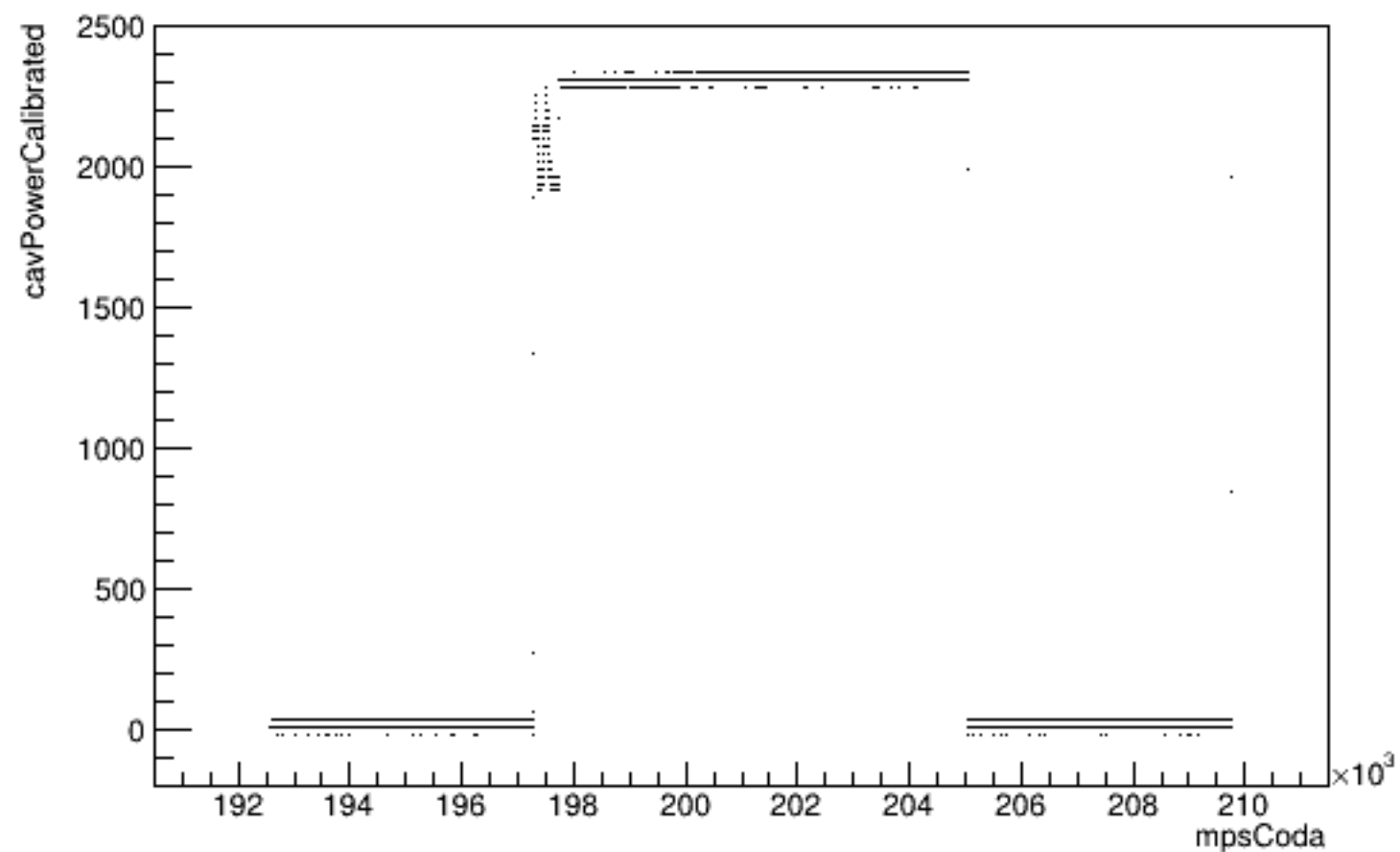
laserState:mpsCoda {mpsCoda>=192571 && mpsCoda<=209754}



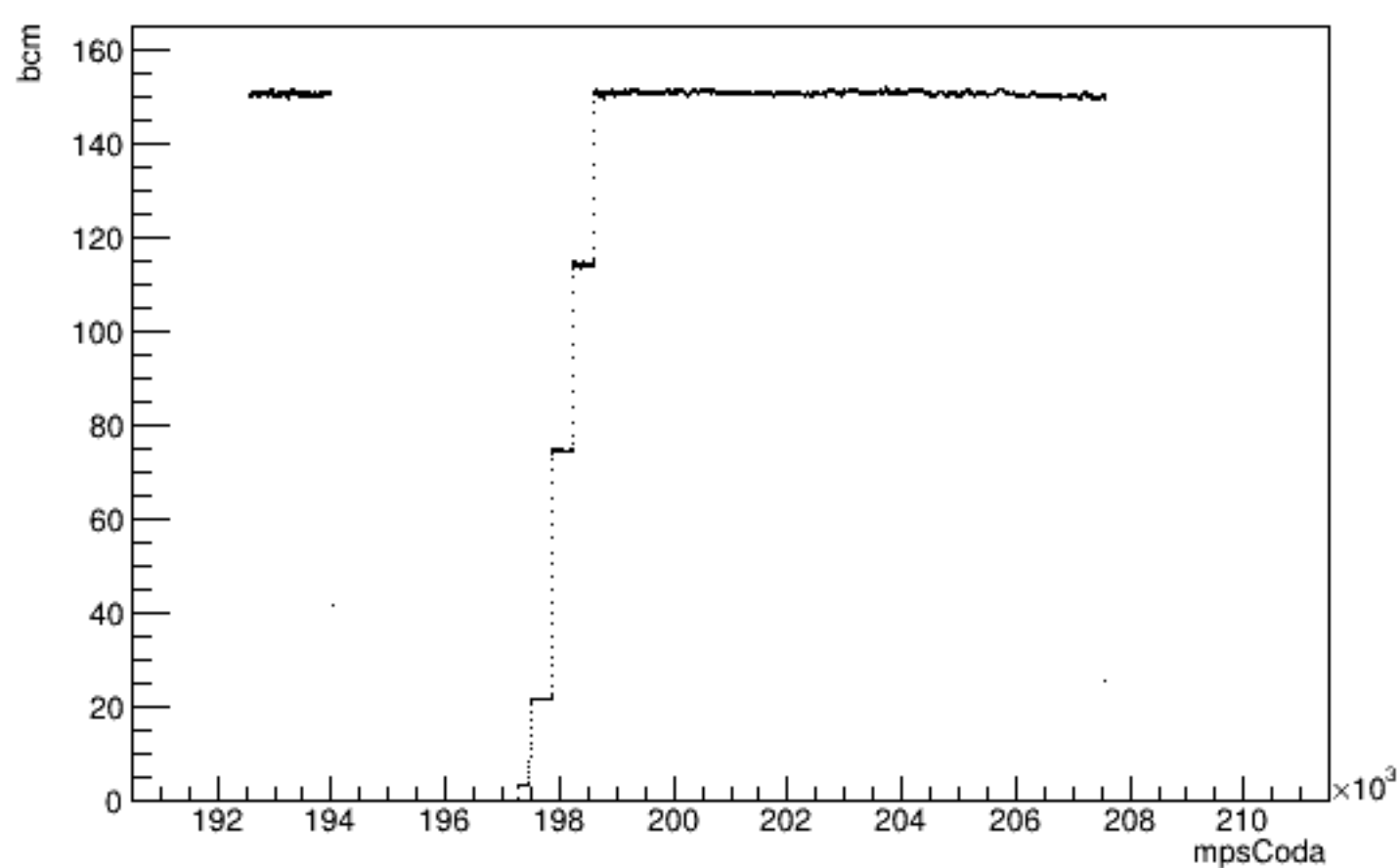
beamState + 1:mpsCoda {mpsCoda>=192571 && mpsCoda<=209754}



cavPowerCalibrated:mpsCoda {mpsCoda>=192571 && mpsCoda<=209754}



bcm:mpsCoda {mpsCoda>=192571 && mpsCoda<=209754}



Cycle 7, Diffs

Entries: 557

Mean: 0.0194 +/- 0.0099

Std Dev: 0.2341 +/- 0.0070

Entries: 1889

Mean: 0.8960 +/- 0.0108

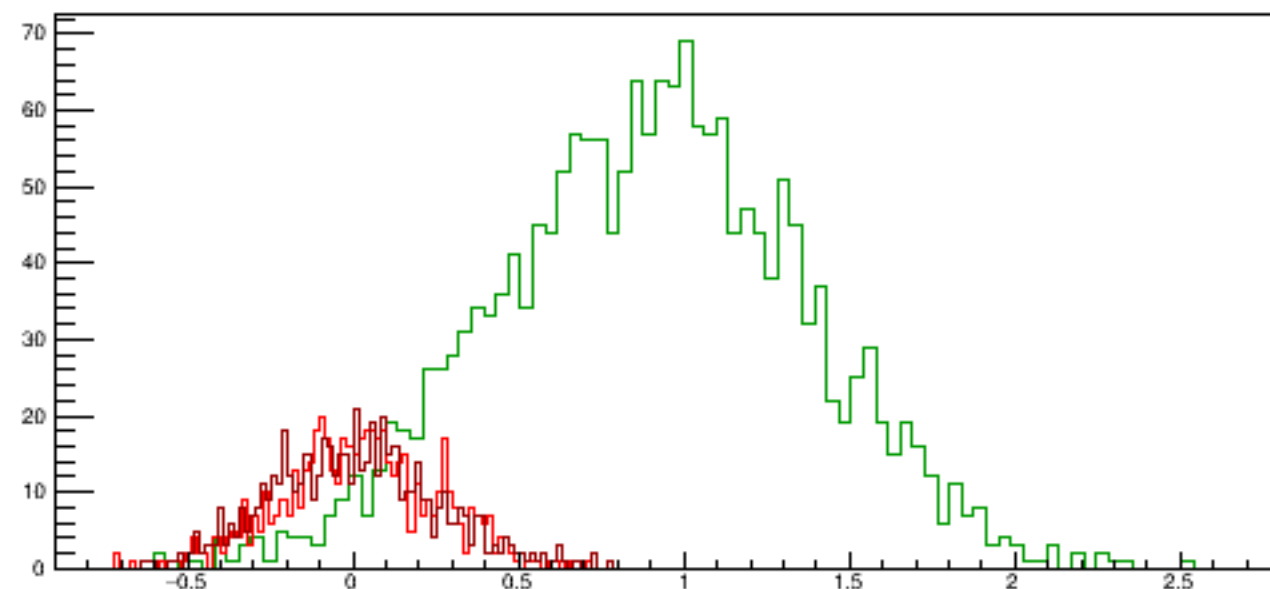
Std Dev: 0.4677 +/- 0.0076

Entries: 577

Mean: 0.0052 +/- 0.0104

Std Dev: 0.2489 +/- 0.0073

Run 5524 quartetwise, Diffs



Cycle 7, Sums

Entries: 557

Mean: 2.6592 +/- 0.0126

Std Dev: 0.2975 +/- 0.0089

Entries: 1889

Mean: 30.4215 +/- 0.0257

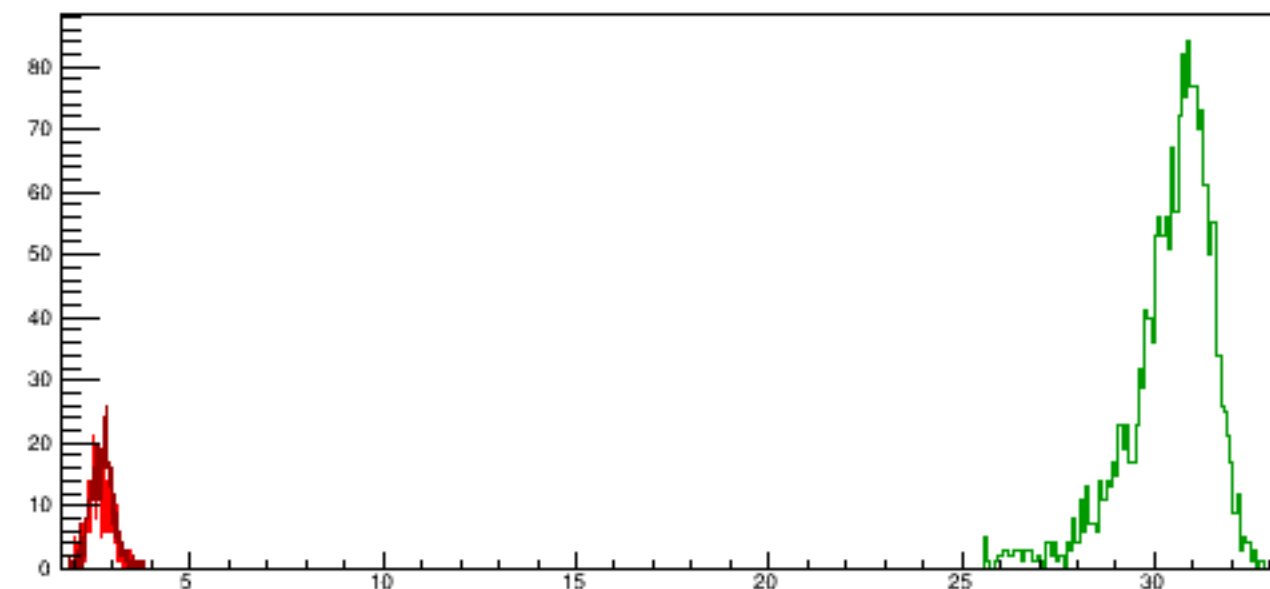
Std Dev: 1.1160 +/- 0.0182

Entries: 577

Mean: 2.7233 +/- 0.0128

Std Dev: 0.3063 +/- 0.0090

Run 5524 quartetwise, Sums



Cycle 7, Asyms

Entries: 557

Mean: 0.0007 +/- 0.0004

Std Dev: 0.0084 +/- 0.0003

Entries: 1889

Mean: 0.0323 +/- 0.0004

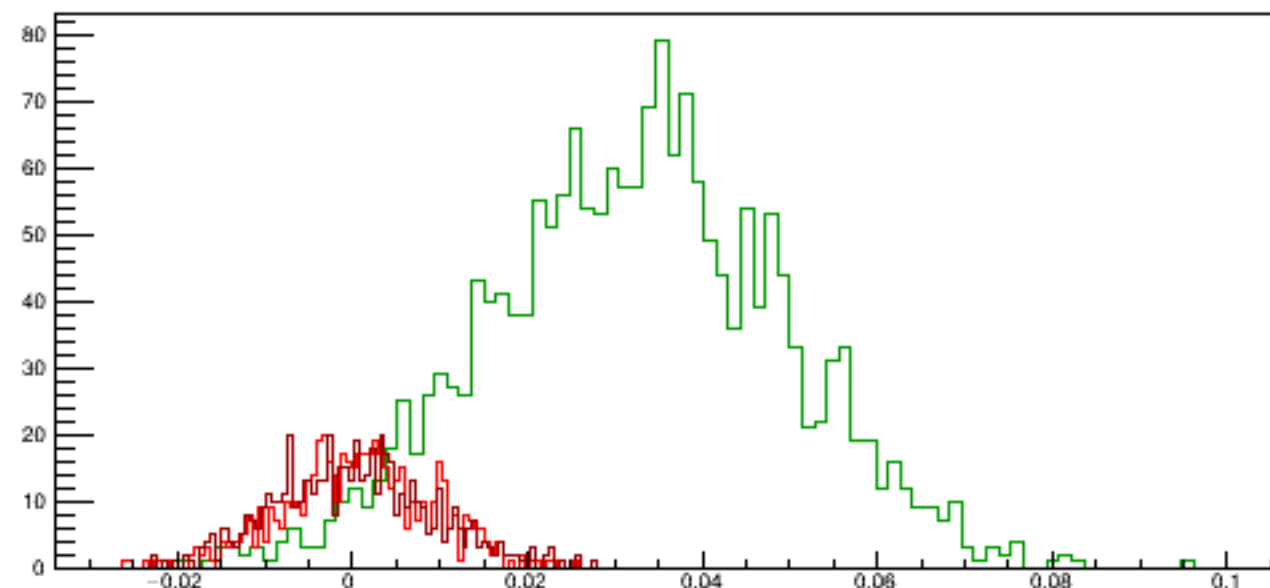
Std Dev: 0.0169 +/- 0.0003

Entries: 577

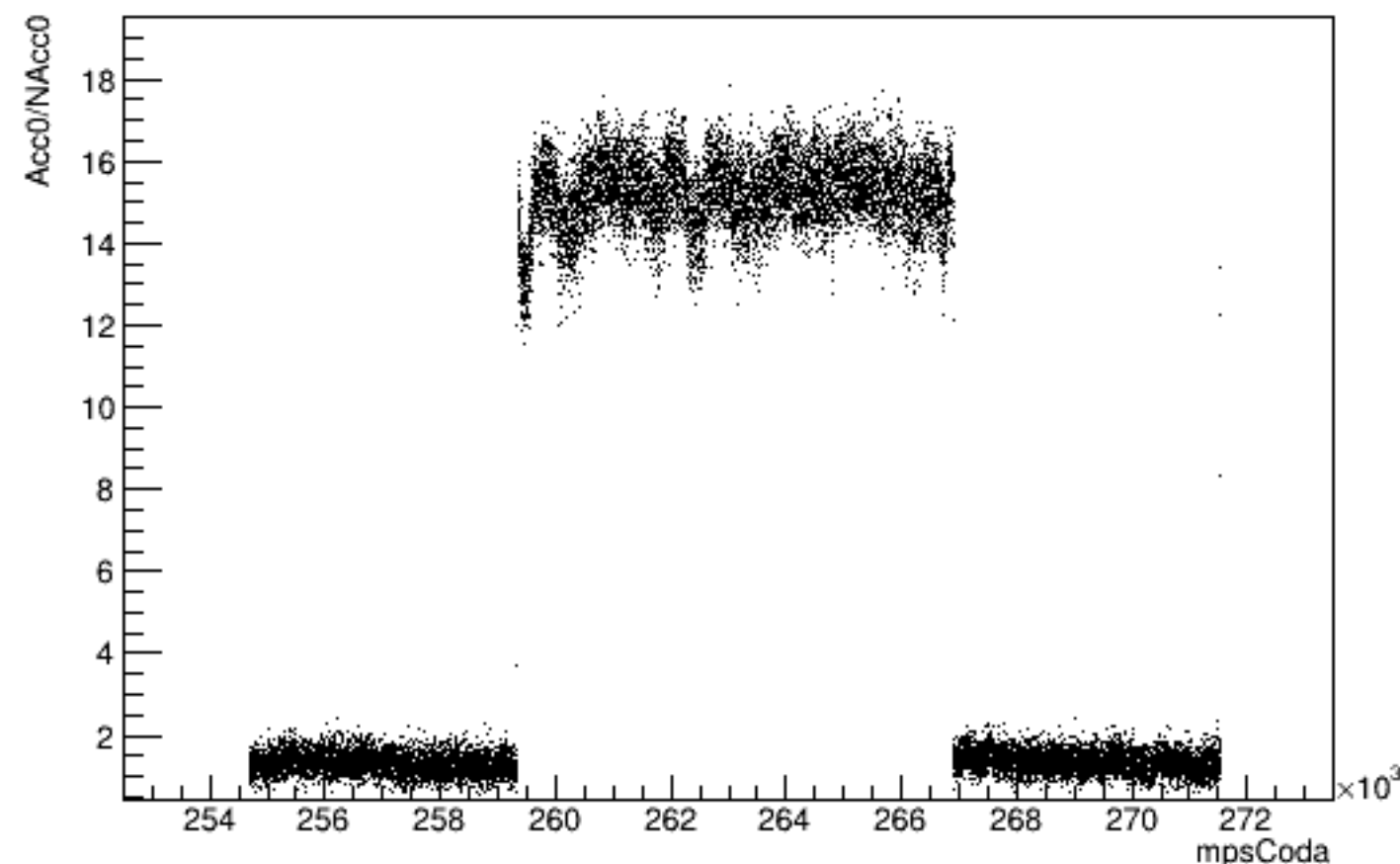
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0090 +/- 0.0003

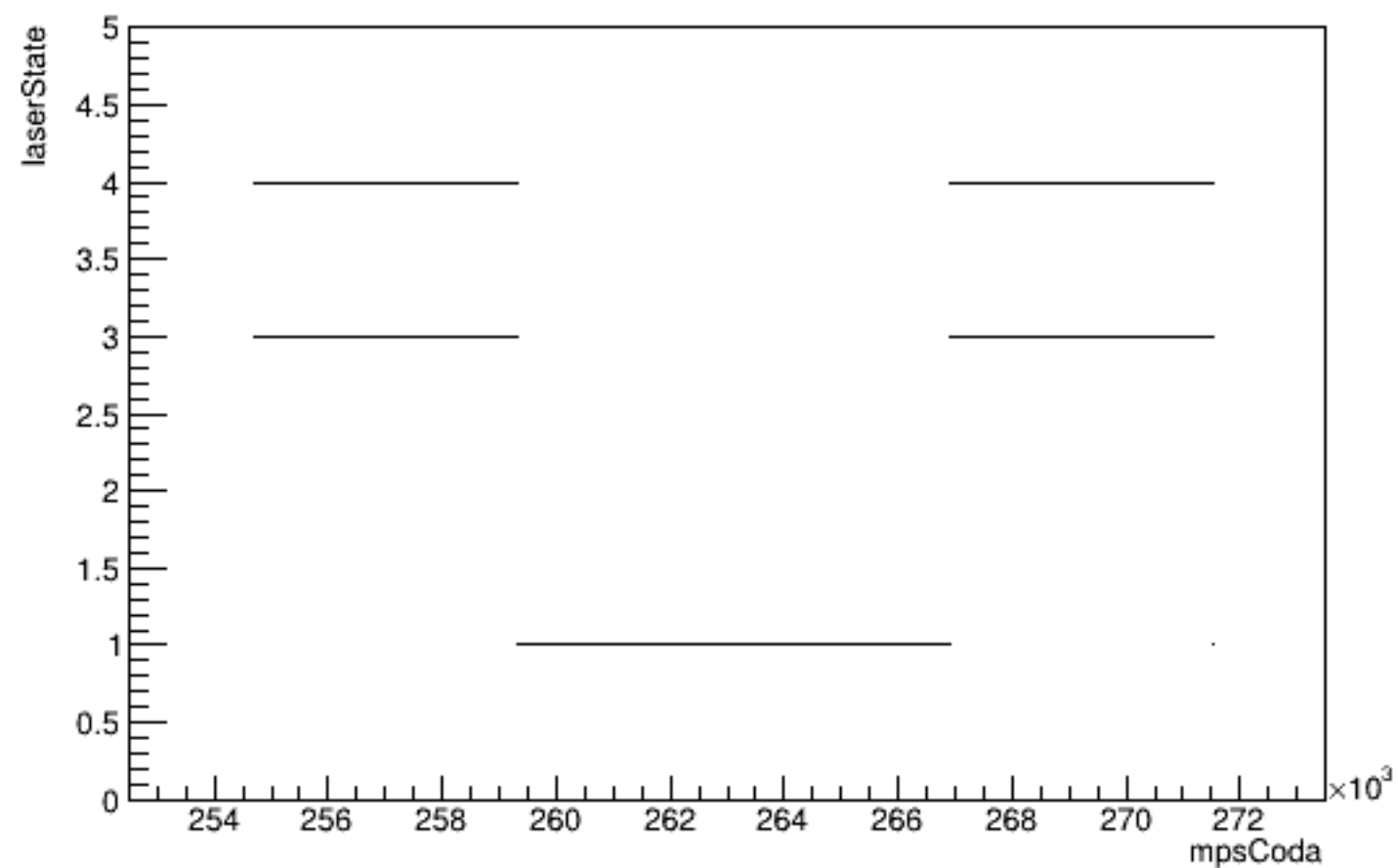
Run 5524 quartetwise, Asyms



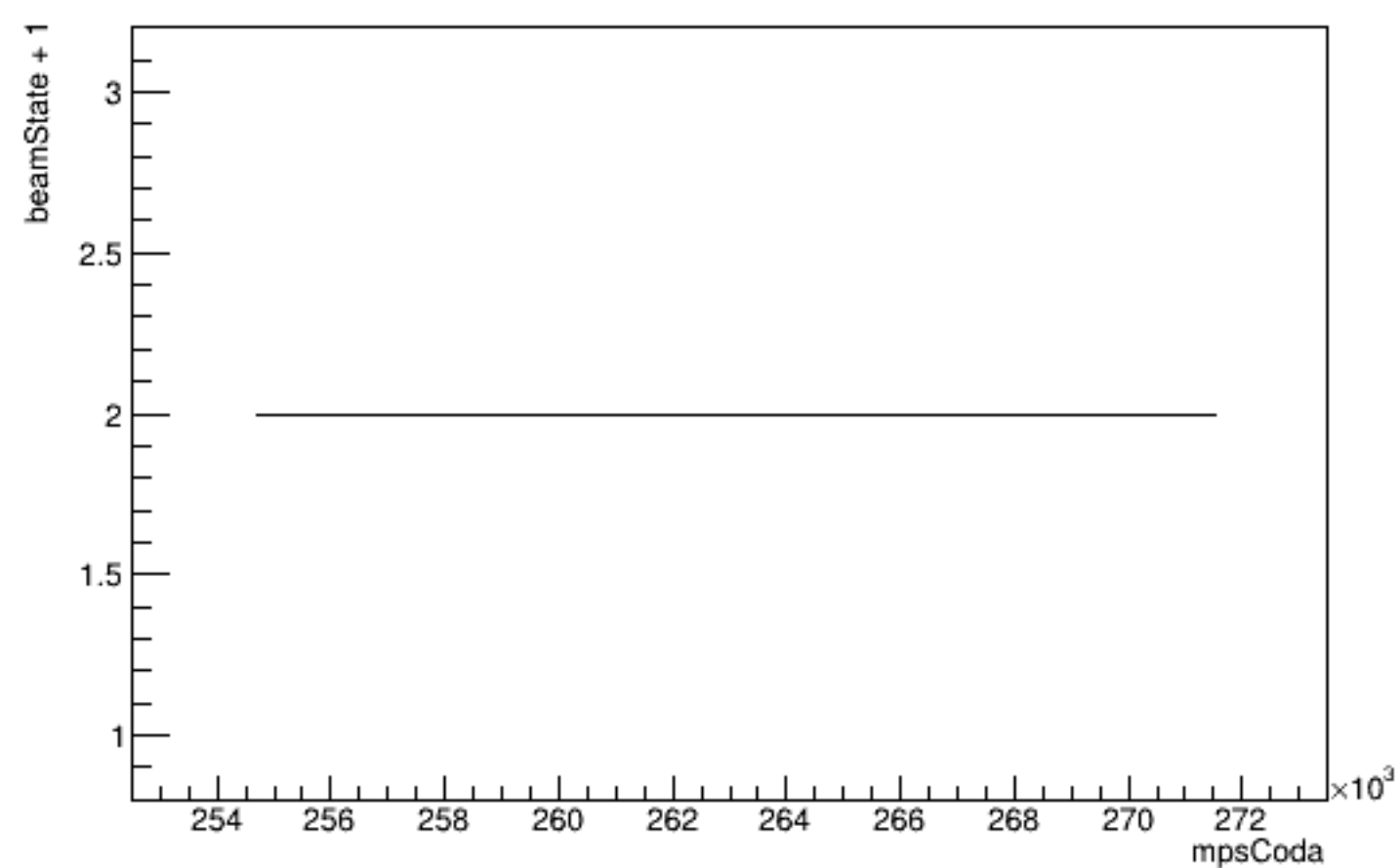
Acc0/NAcc0:mpsCoda (mpsCoda>=254683 && mpsCoda<=271538 && beamState==1)



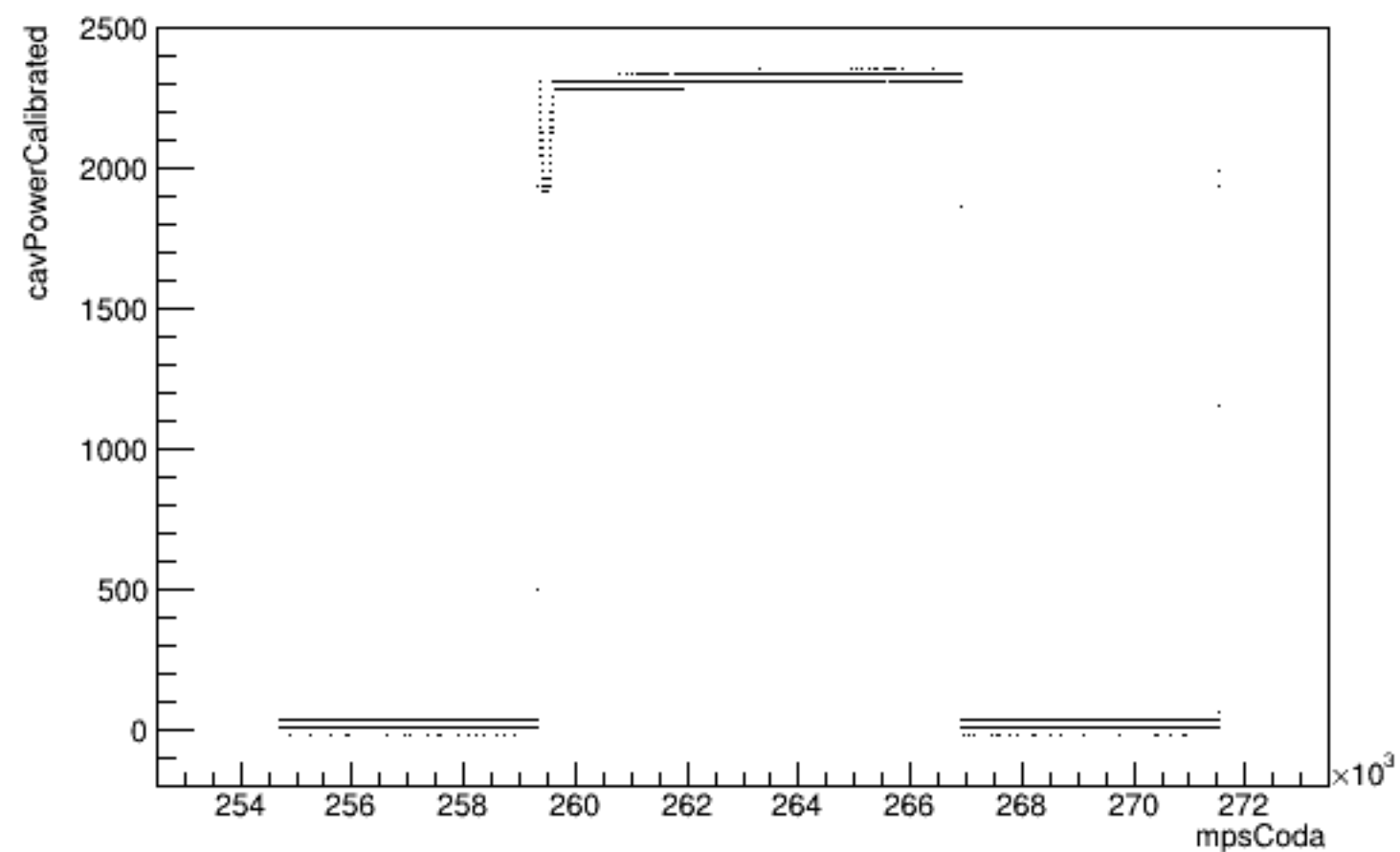
laserState:mpsCoda {mpsCoda>=254683 && mpsCoda<=271538}



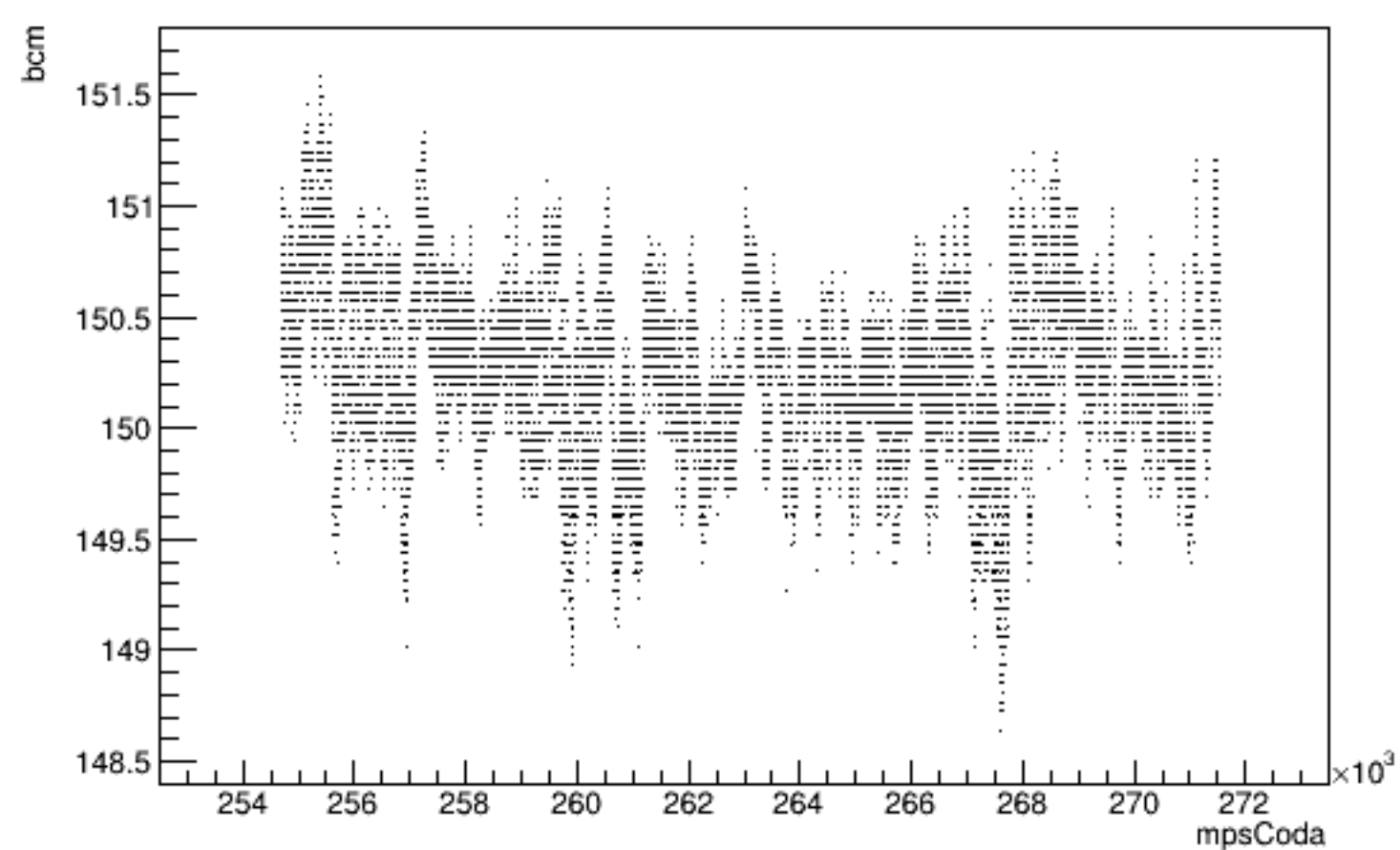
beamState + 1:mpsCoda {mpsCoda>=254683 && mpsCoda<=271538}



cavPowerCalibrated:mpsCoda {mpsCoda>=254683 && mpsCoda<=271538}



bcm:mpsCoda {mpsCoda>=254683 && mpsCoda<=271538}



Cycle 8, Diffs

Entries: 590

Mean: 0.0152 +/- 0.0102

Std Dev: 0.2476 +/- 0.0072

Entries: 1895

Mean: 0.9026 +/- 0.0112

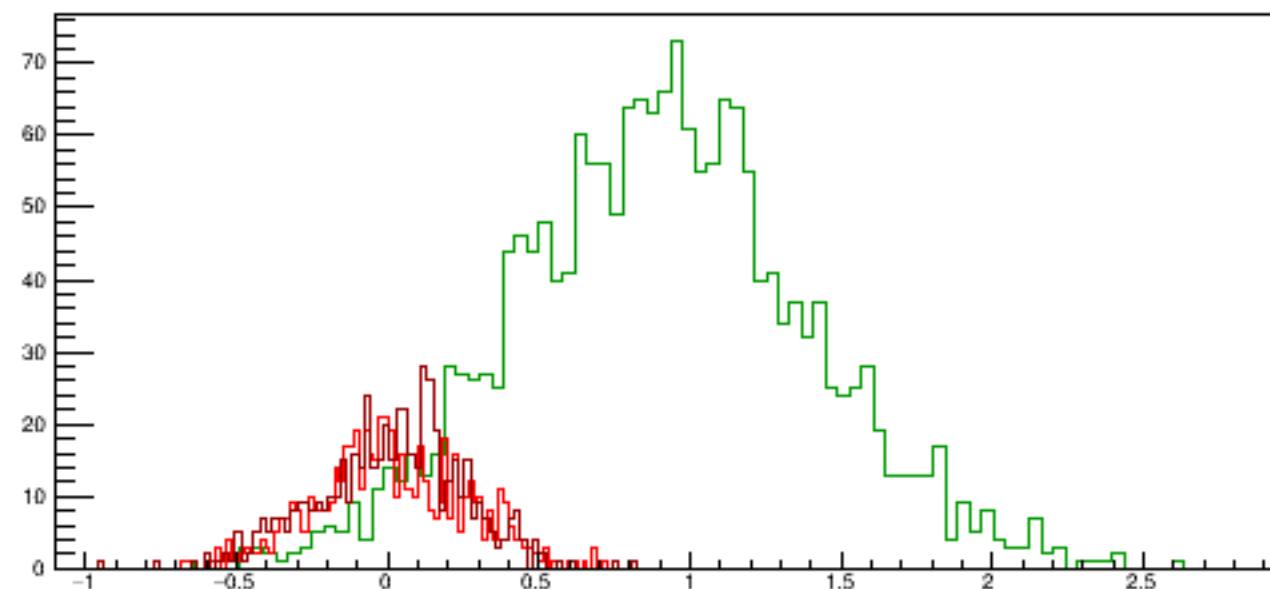
Std Dev: 0.4872 +/- 0.0079

Entries: 537

Mean: 0.0096 +/- 0.0104

Std Dev: 0.2414 +/- 0.0074

Run 5524 quartetwise, Diffs



Cycle 8, Sums

Entries: 590

Mean: 2.7841 +/- 0.0121

Std Dev: 0.2942 +/- 0.0086

Entries: 1895

Mean: 31.2266 +/- 0.0224

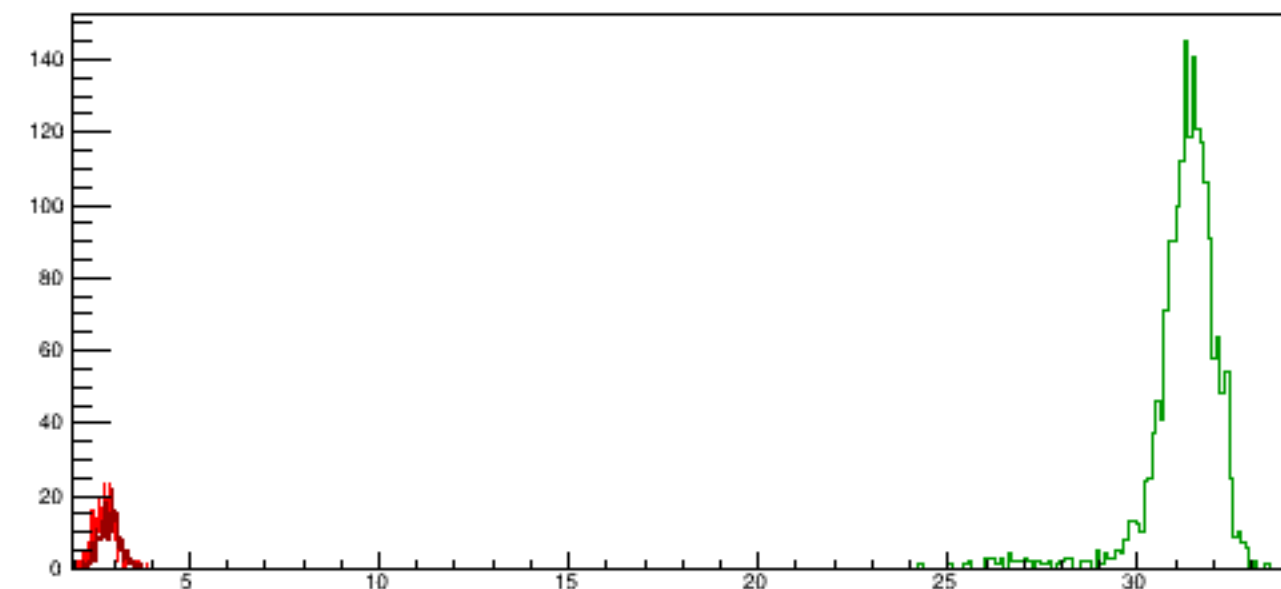
Std Dev: 0.9770 +/- 0.0159

Entries: 537

Mean: 2.8963 +/- 0.0116

Std Dev: 0.2679 +/- 0.0082

Run 5524 quartetwise, Sums



Cycle 8, Asyms

Entries: 590

Mean: 0.0005 +/- 0.0004

Std Dev: 0.0087 +/- 0.0003

Entries: 1895

Mean: 0.0318 +/- 0.0004

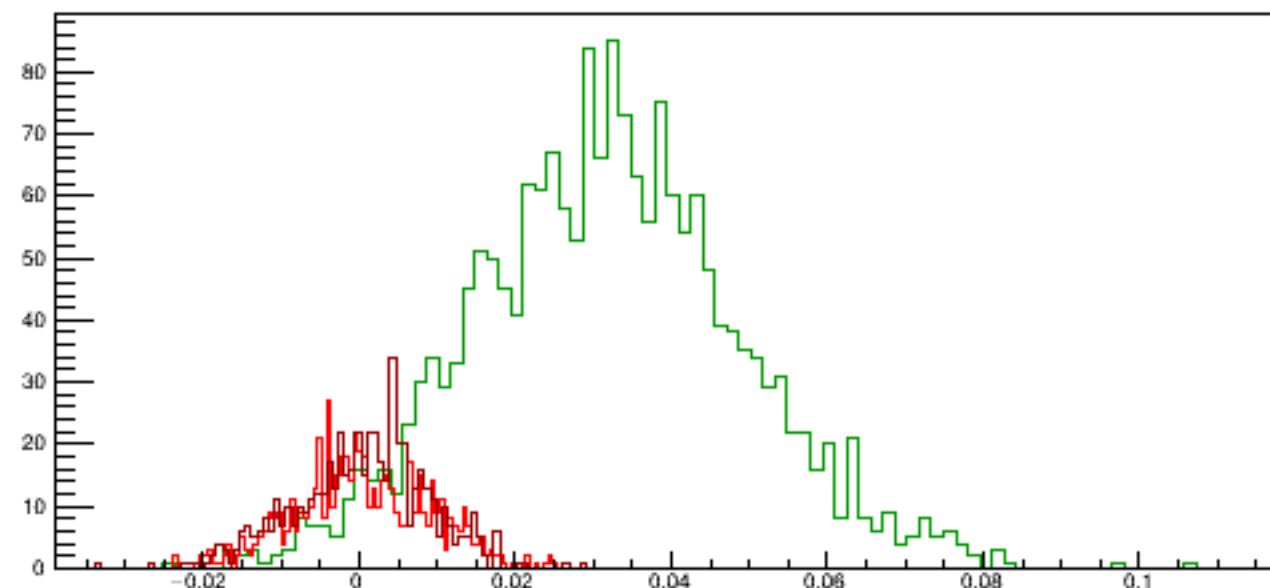
Std Dev: 0.0173 +/- 0.0003

Entries: 537

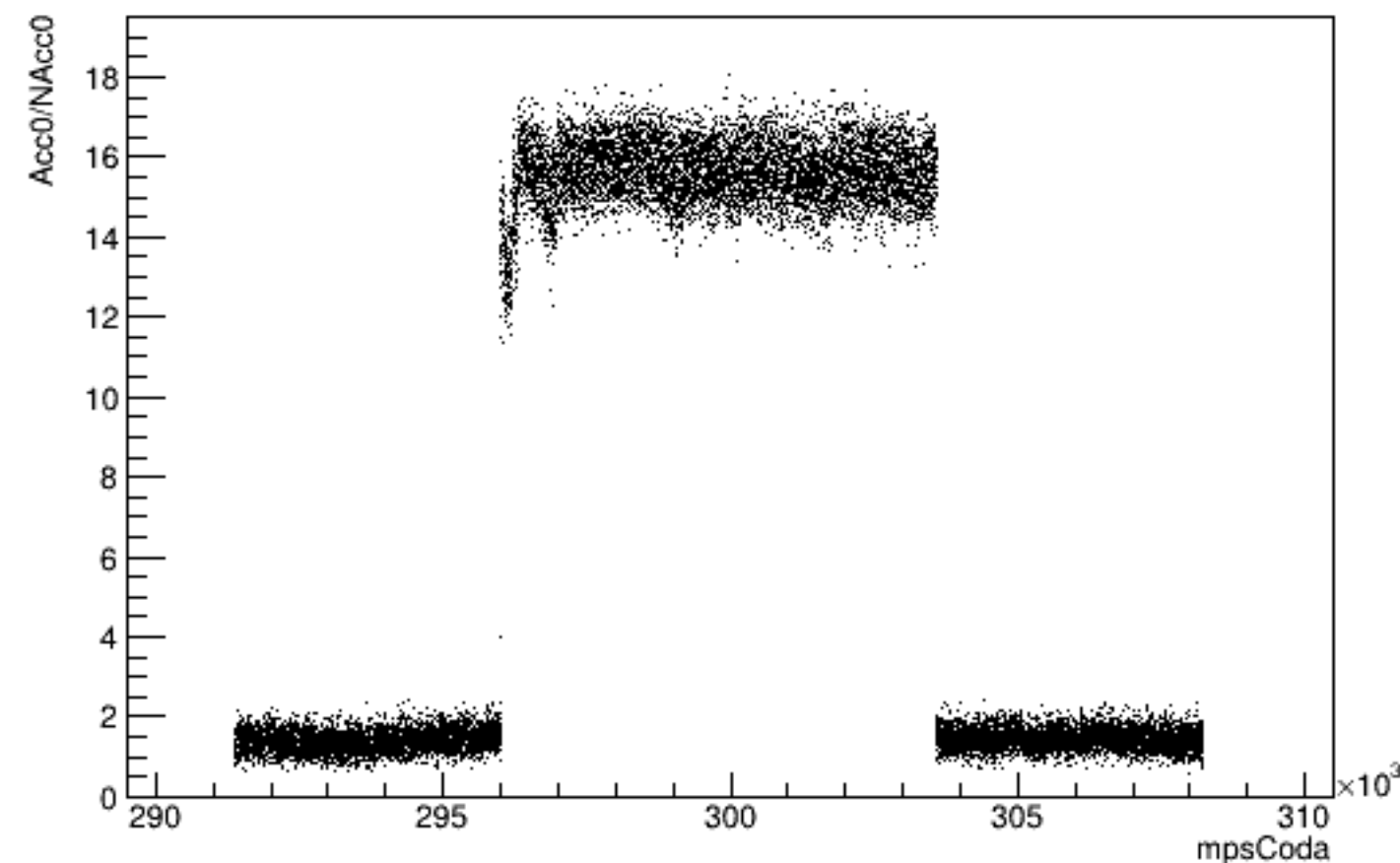
Mean: 0.0003 +/- 0.0004

Std Dev: 0.0085 +/- 0.0003

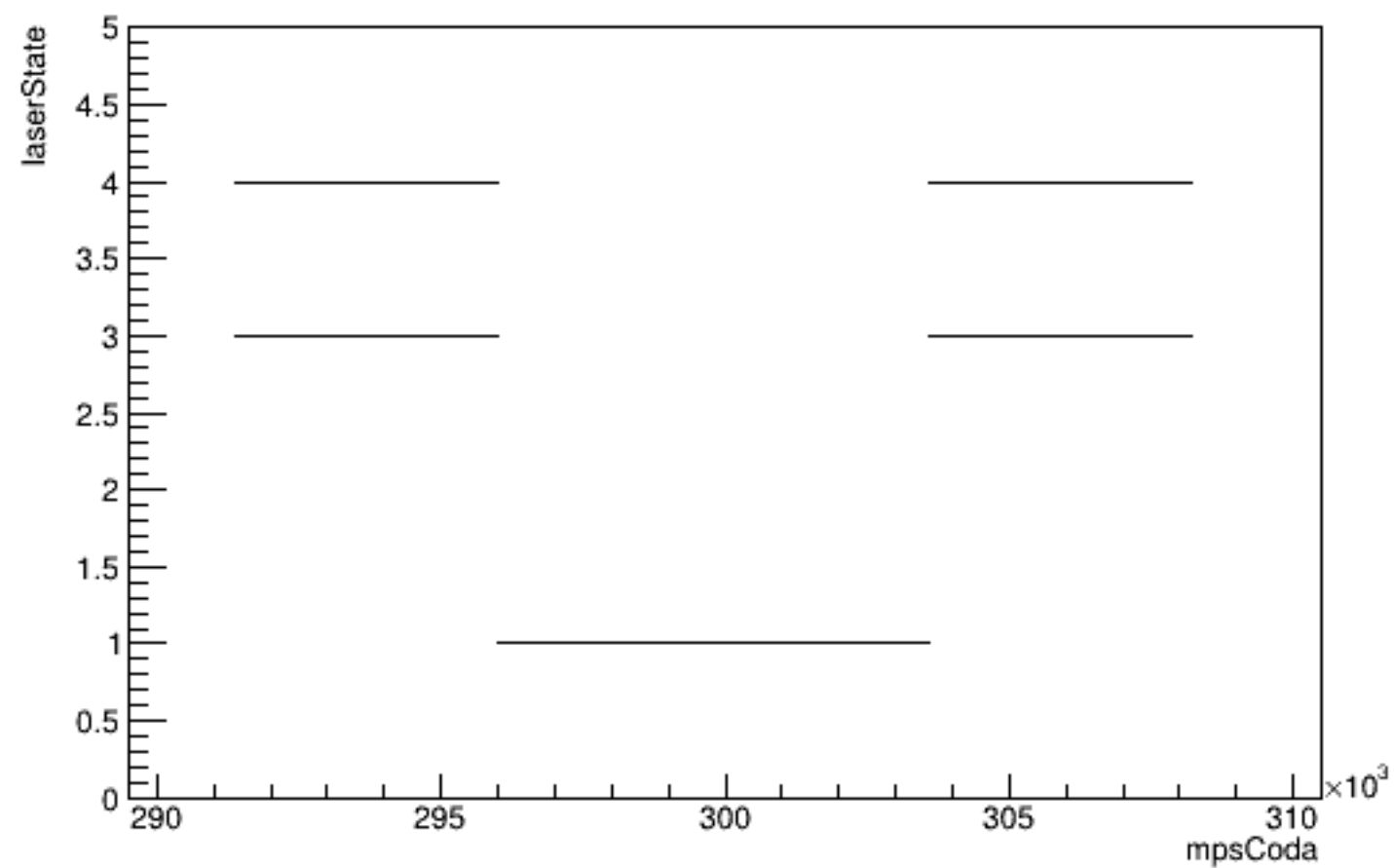
Run 5524 quartetwise, Asyms



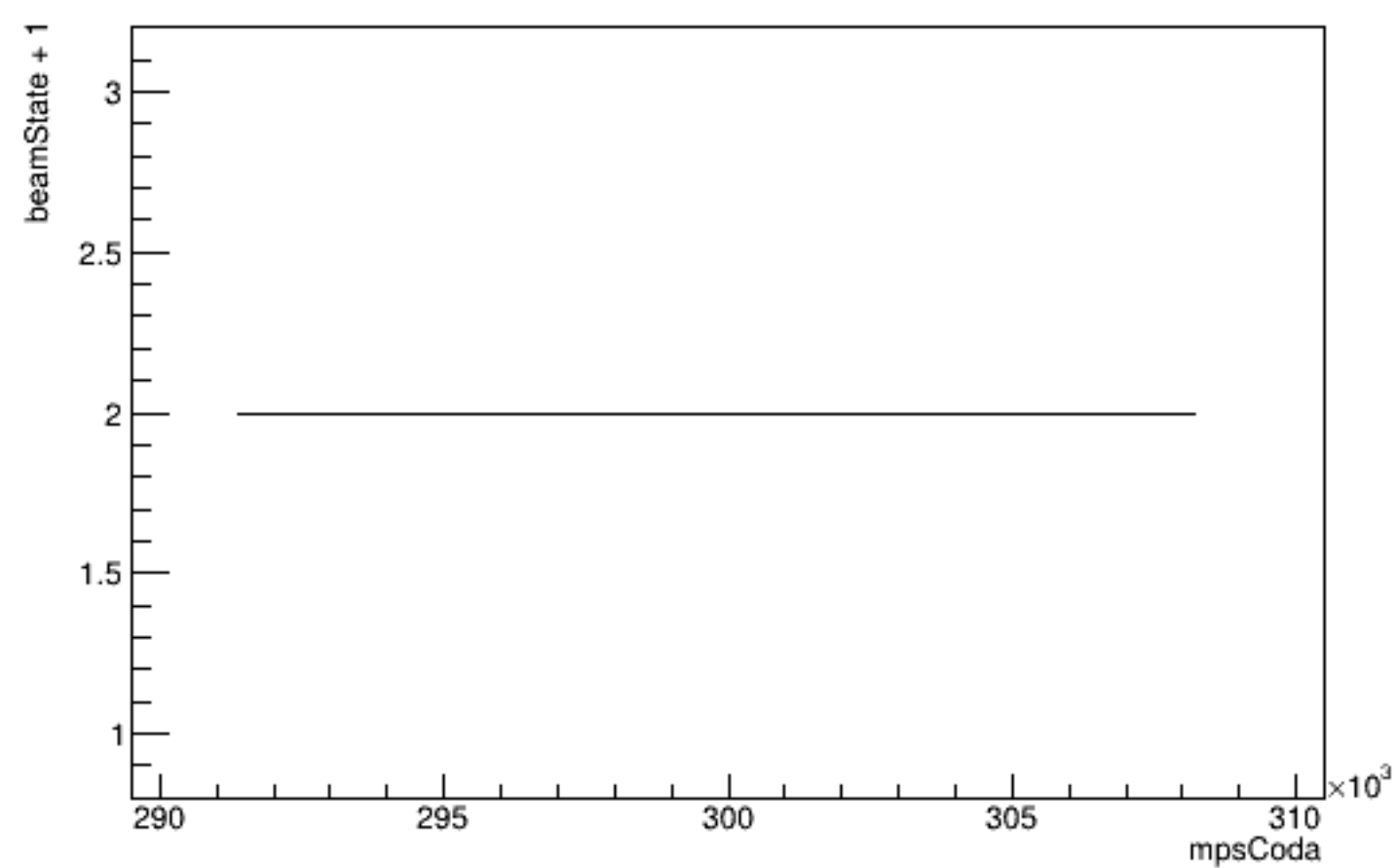
Acc0/NAcc0:mpsCoda (mpsCoda>=291371 && mpsCoda<=308230 && beamState==1)



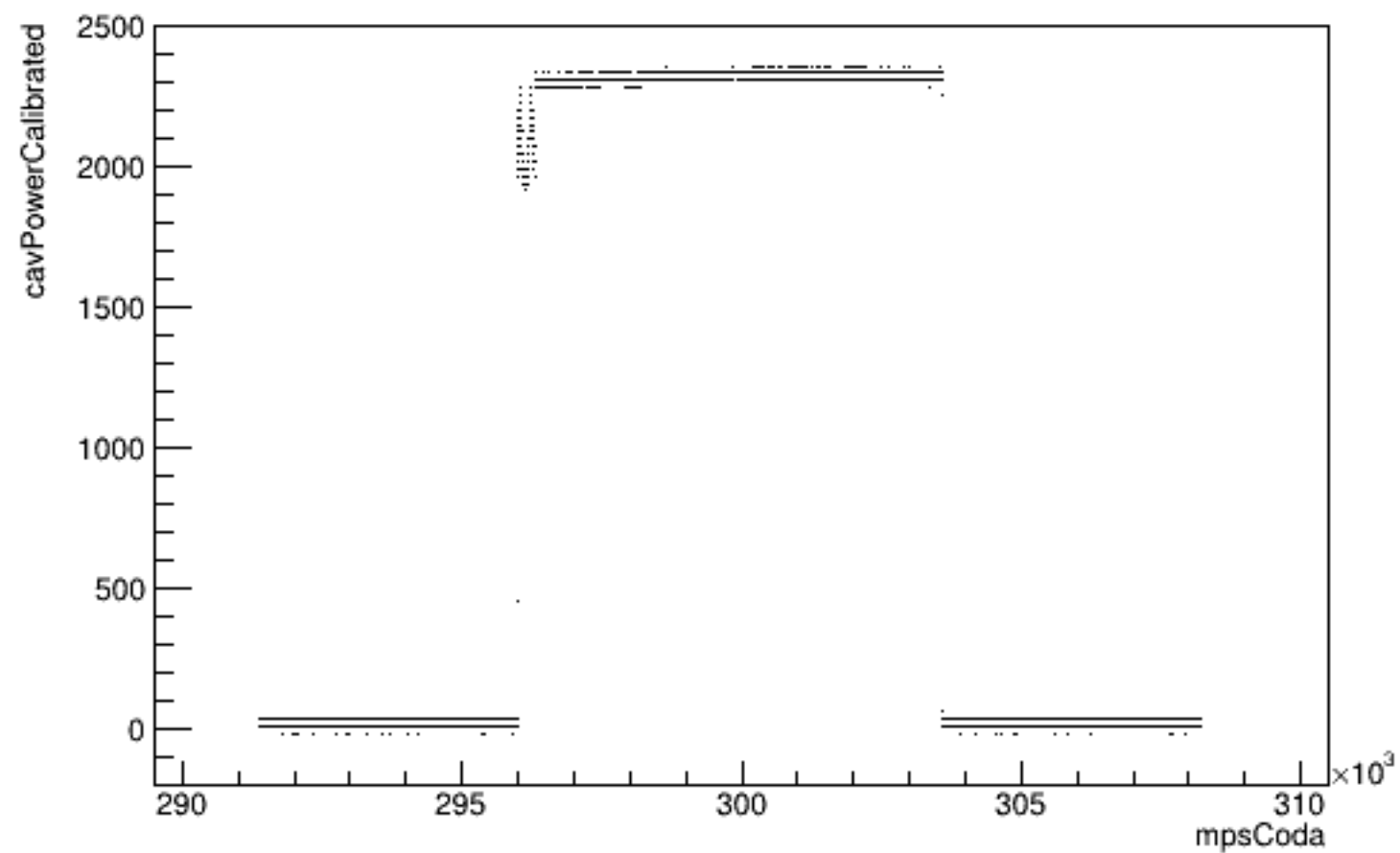
laserState:mpsCoda {mpsCoda>=291371 && mpsCoda<=308230}



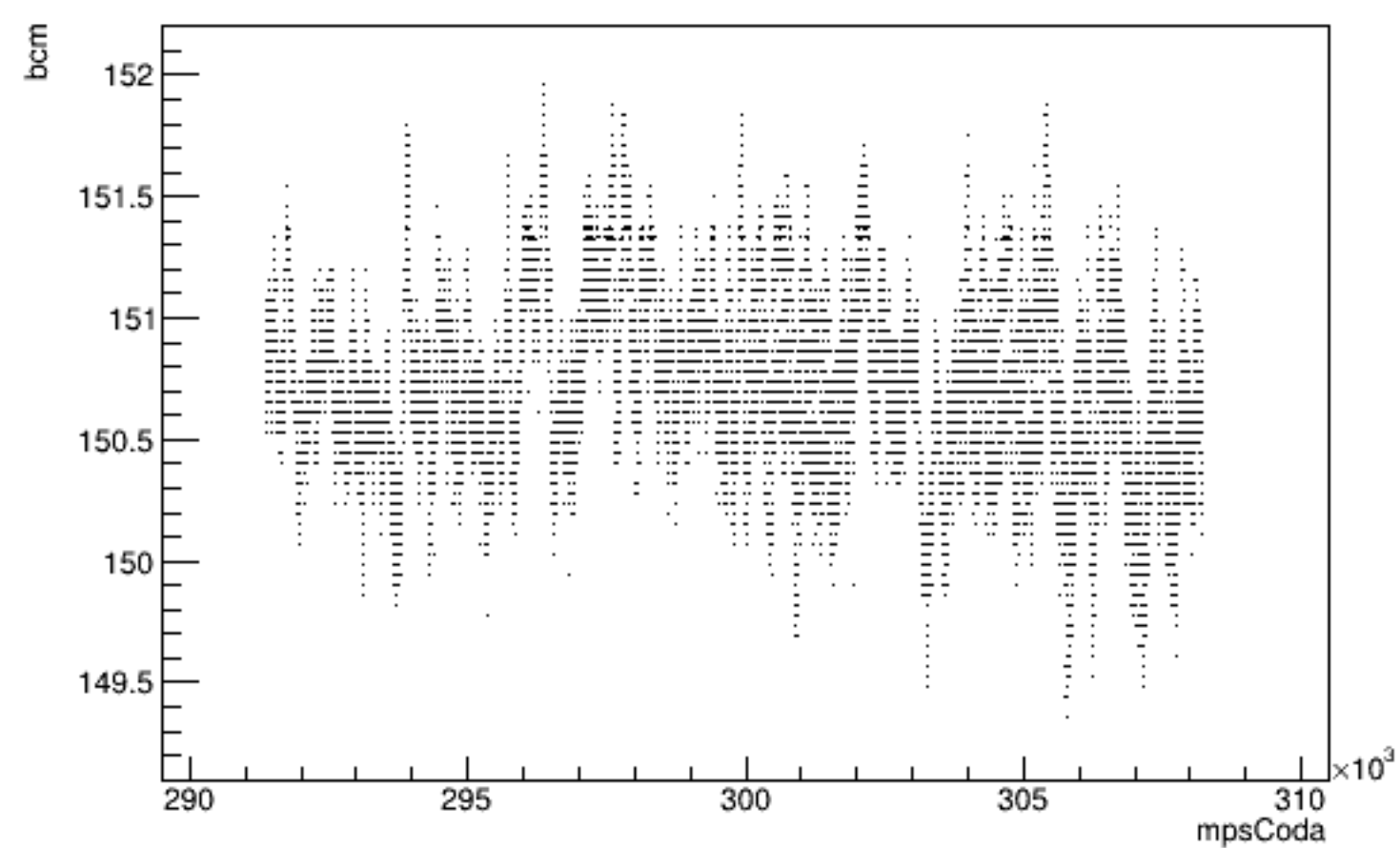
beamState + 1:mpsCoda {mpsCoda>=291371 && mpsCoda<=308230}



cavPowerCalibrated:mpsCoda {mpsCoda>=291371 && mpsCoda<=308230}



bcm:mpsCoda {mpsCoda>=291371 && mpsCoda<=308230}



Cycle 9, Diffs

Entries: 537

Mean: 0.0096 +/- 0.0104

Std Dev: 0.2414 +/- 0.0074

Entries: 868

Mean: 0.8907 +/- 0.0171

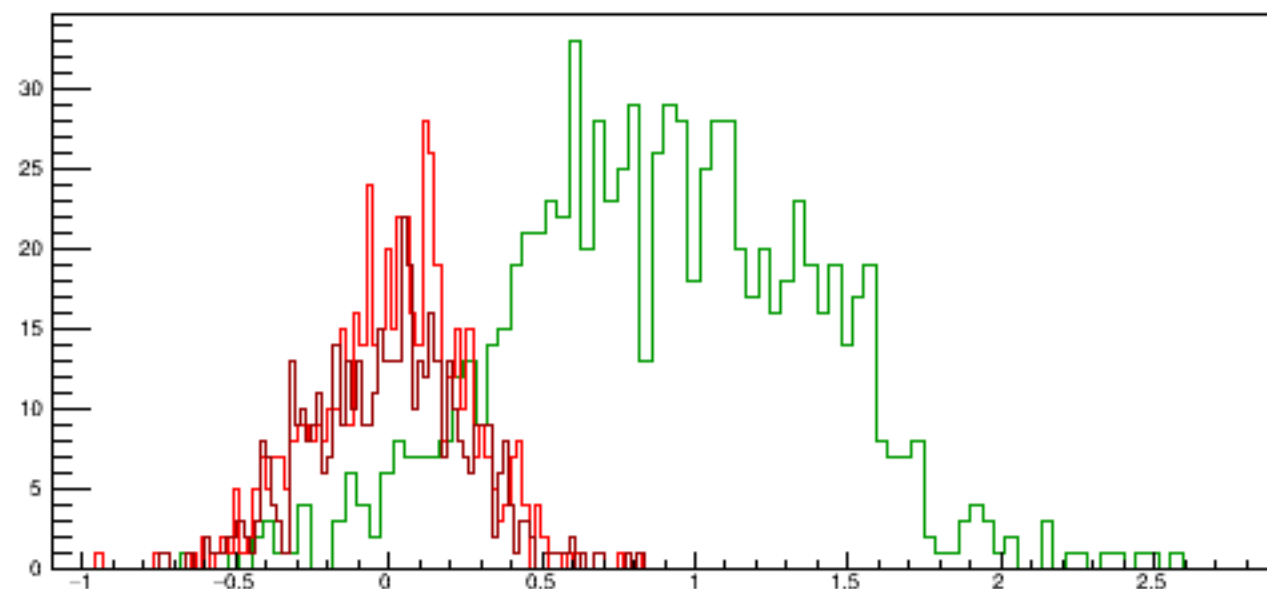
Std Dev: 0.5025 +/- 0.0121

Entries: 483

Mean: 0.0005 +/- 0.0116

Std Dev: 0.2554 +/- 0.0082

Run 5524 quartetwise, Diffs



Cycle 9, Sums

Entries: 537

Mean: 2.8963 +/- 0.0116

Std Dev: 0.2679 +/- 0.0082

Entries: 868

Mean: 31.0383 +/- 0.0469

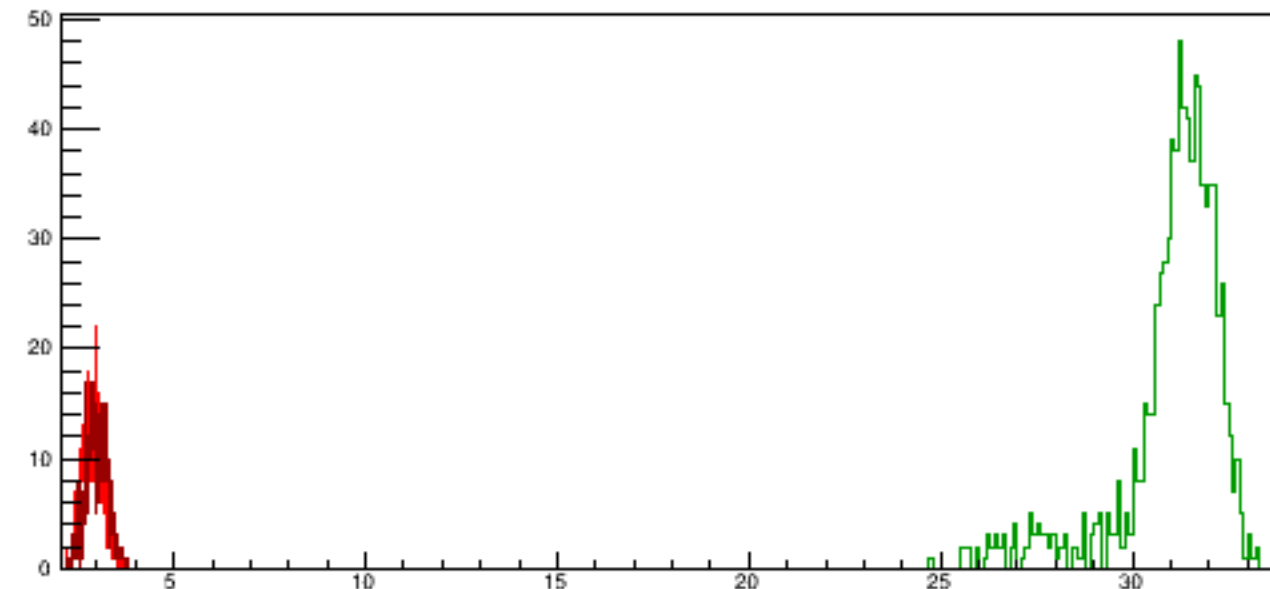
Std Dev: 1.3829 +/- 0.0332

Entries: 483

Mean: 3.0003 +/- 0.0131

Std Dev: 0.2873 +/- 0.0092

Run 5524 quartetwise, Sums



Cycle 9, Asyms

Entries: 537

Mean: 0.0003 +/- 0.0004

Std Dev: 0.0086 +/- 0.0003

Entries: 868

Mean: 0.0317 +/- 0.0006

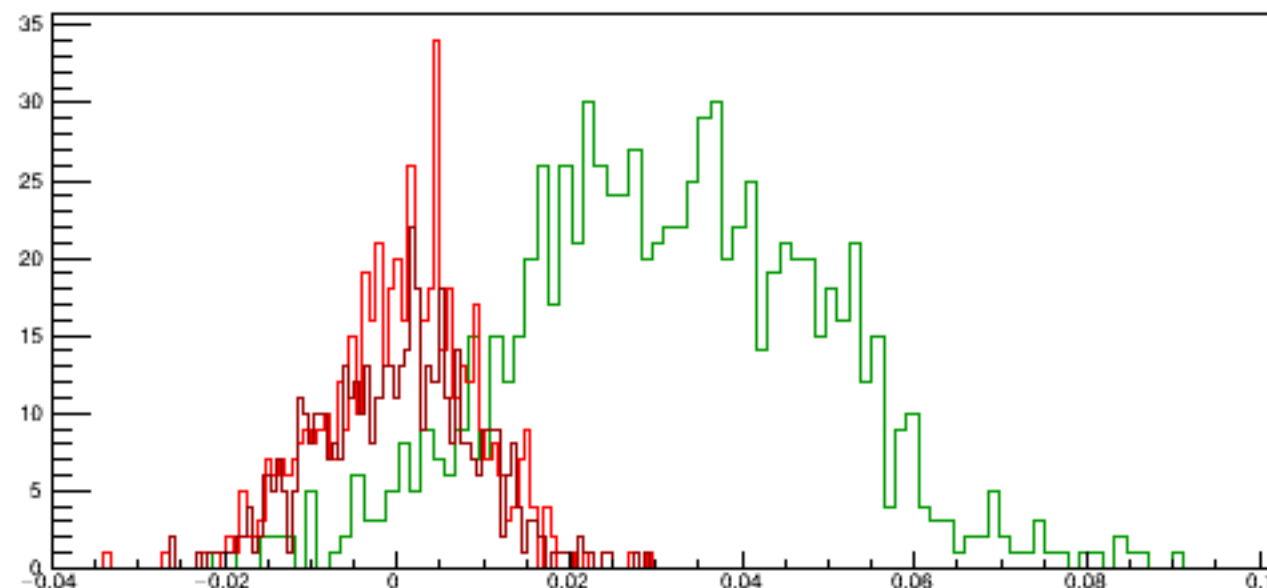
Std Dev: 0.0179 +/- 0.0004

Entries: 483

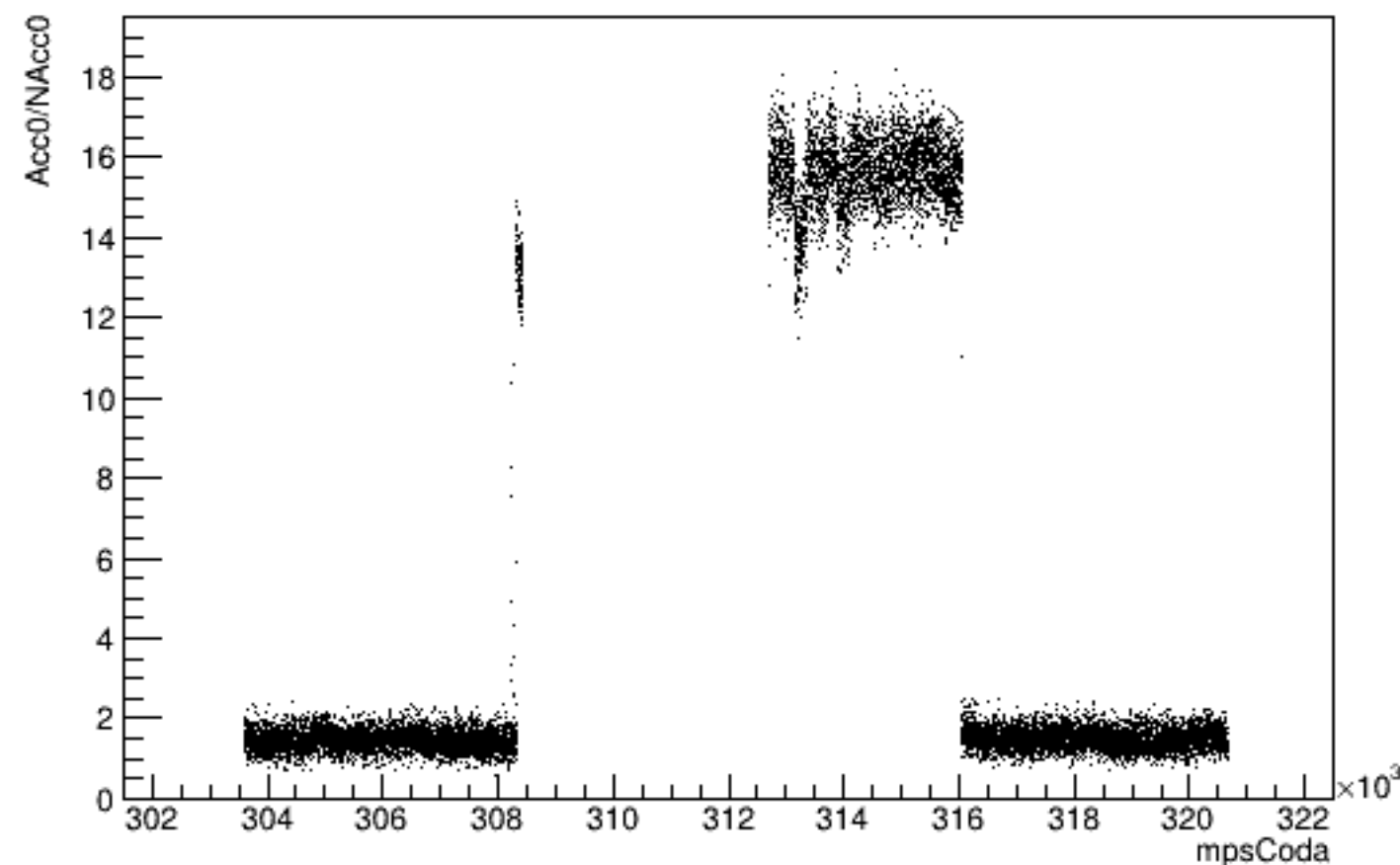
Mean: 0.0000 +/- 0.0004

Std Dev: 0.0091 +/- 0.0003

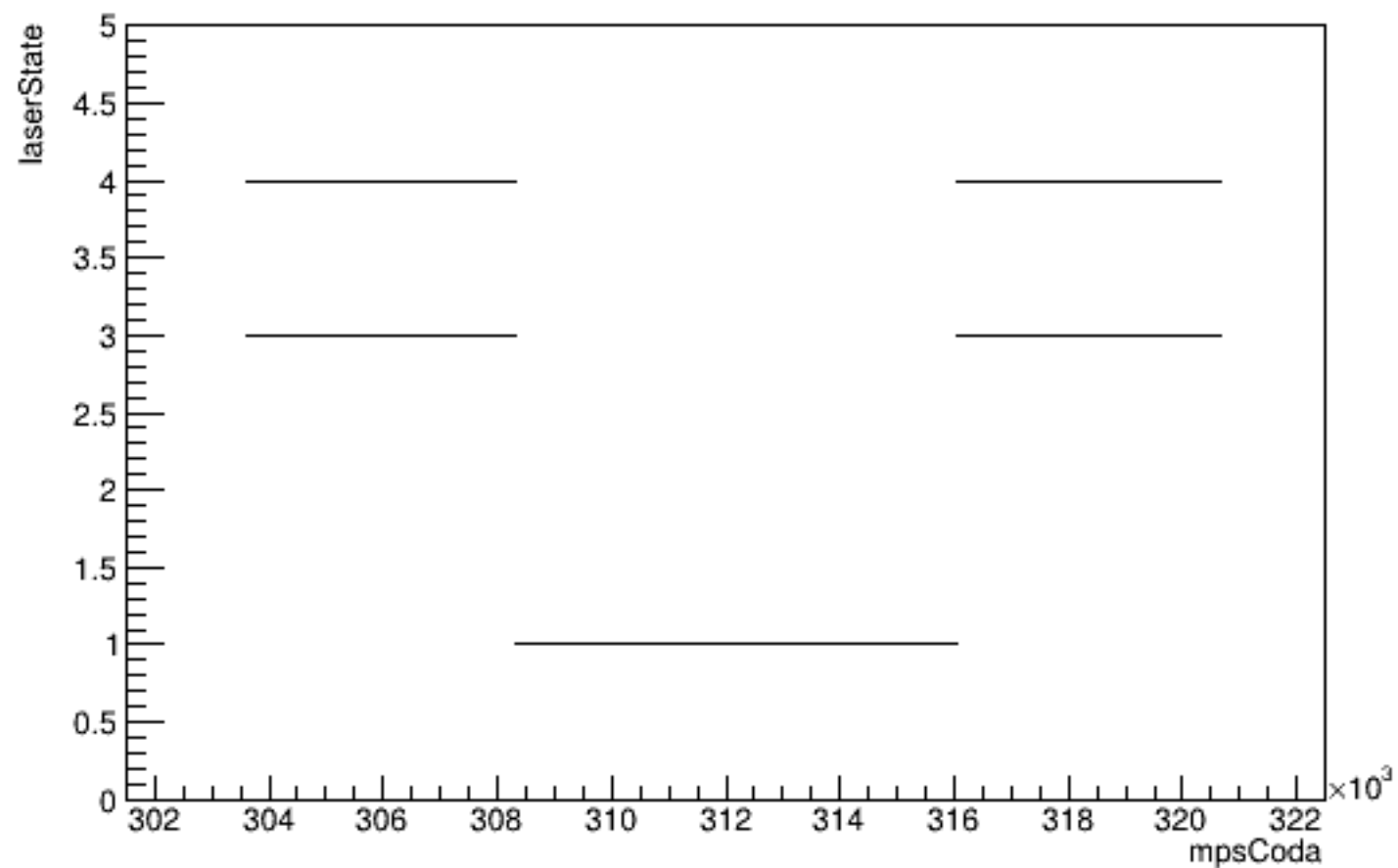
Run 5524 quartetwise, Asyms



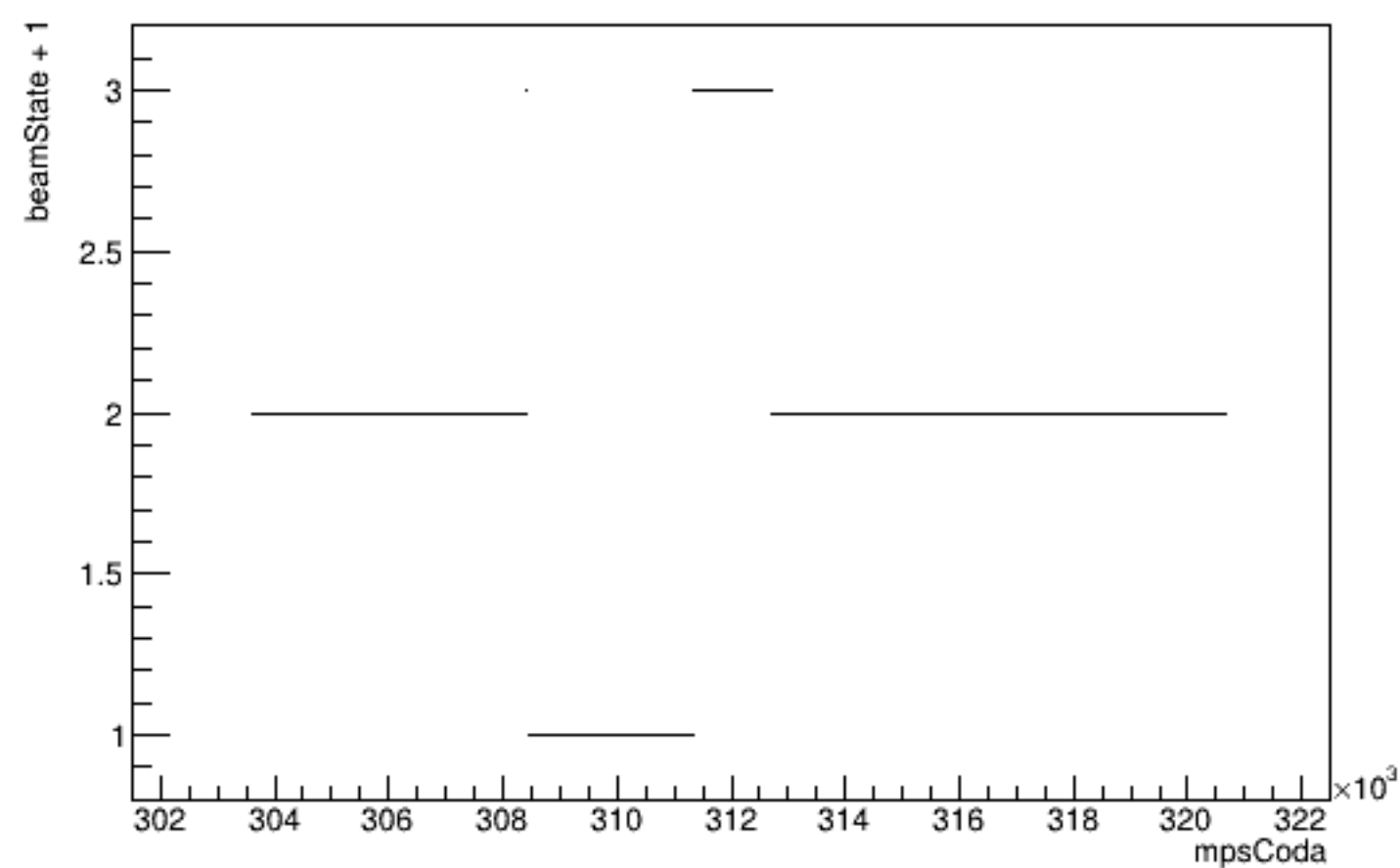
Acc0/NAcc0:mpsCoda (mpsCoda>=303595 && mpsCoda<=320658 && beamState==1)



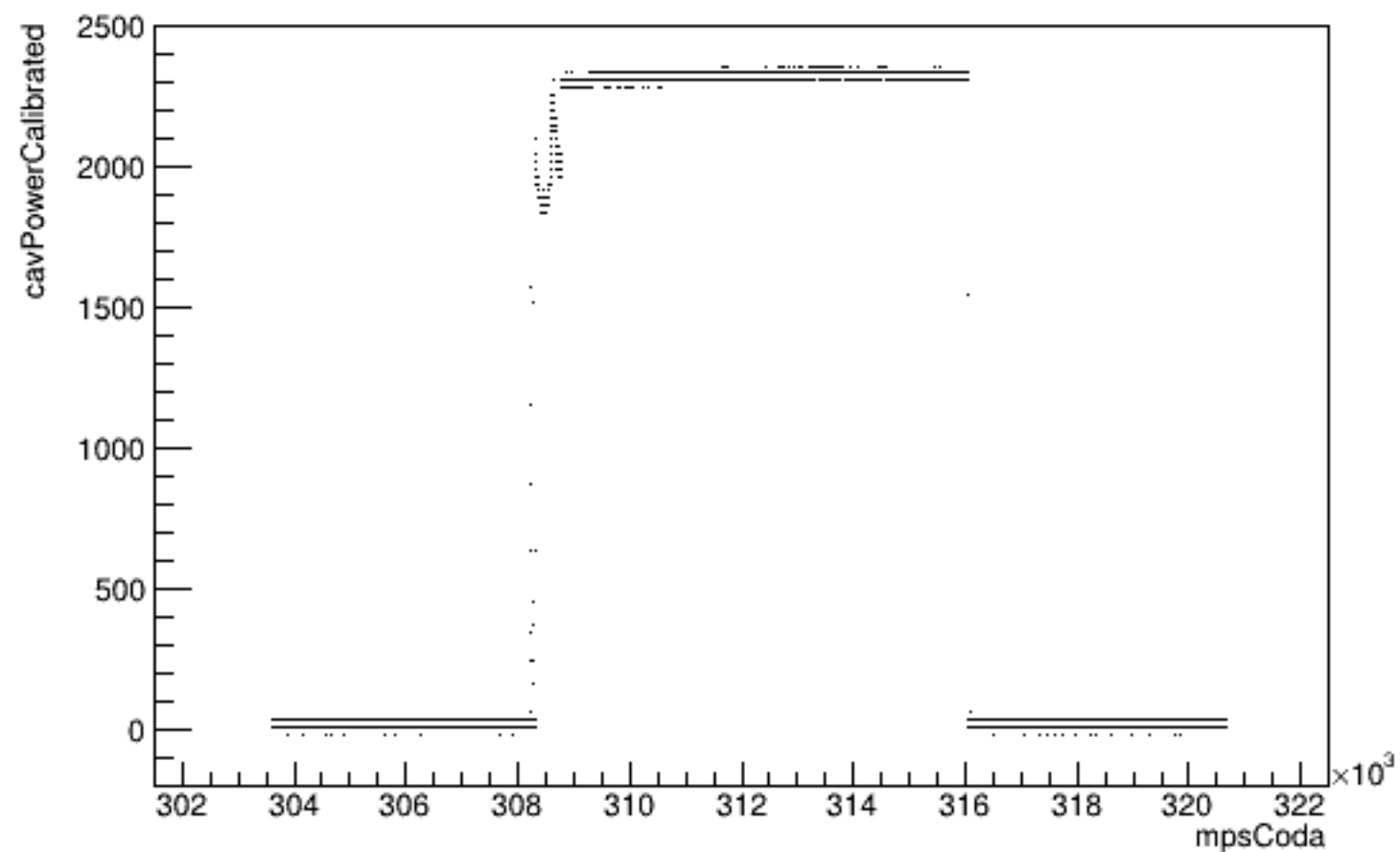
laserState:mpsCoda {mpsCoda>=303595 && mpsCoda<=320658}



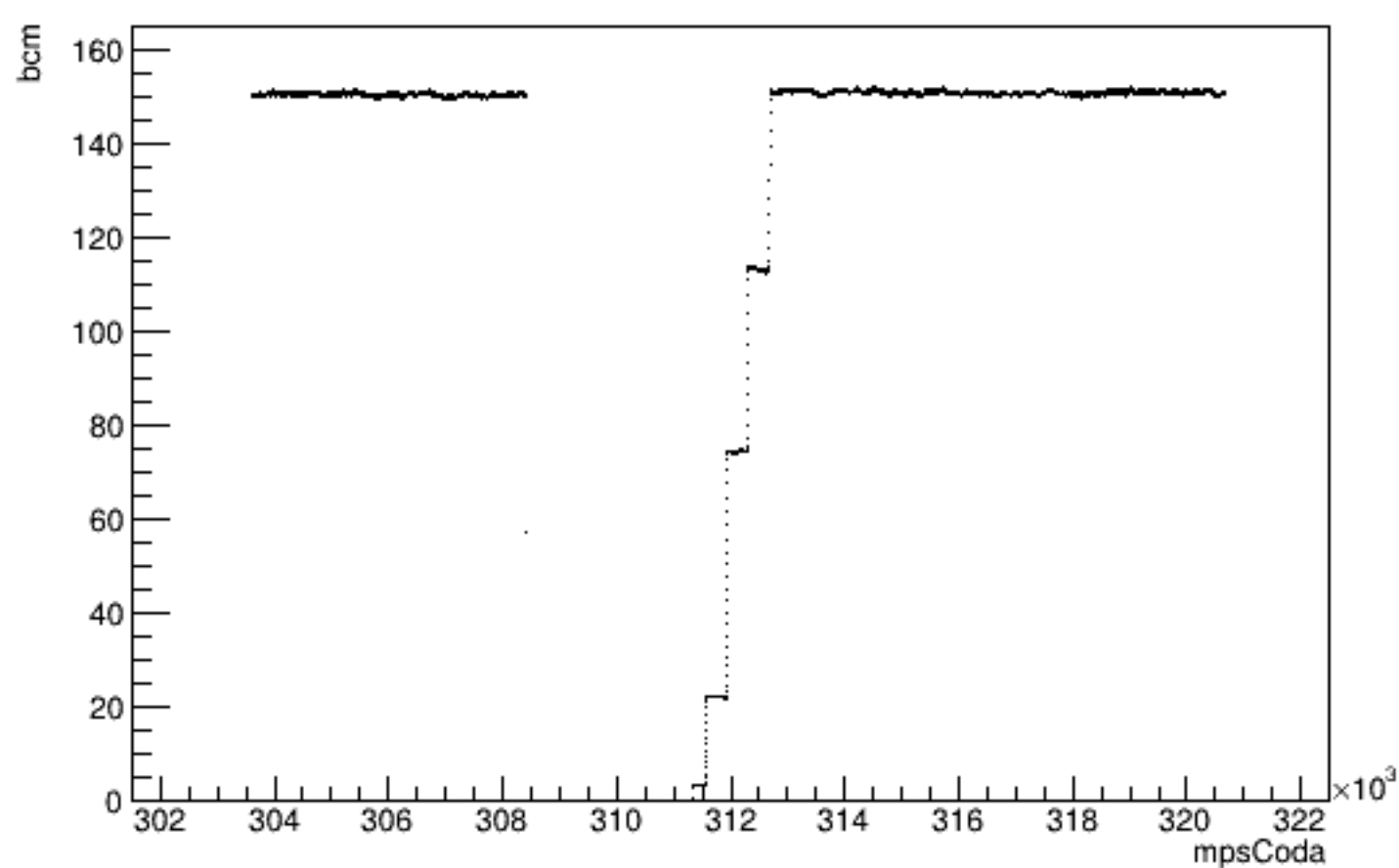
beamState + 1:mpsCoda {mpsCoda>=303595 && mpsCoda<=320658}



cavPowerCalibrated:mpsCoda {mpsCoda>=303595 && mpsCoda<=320658}



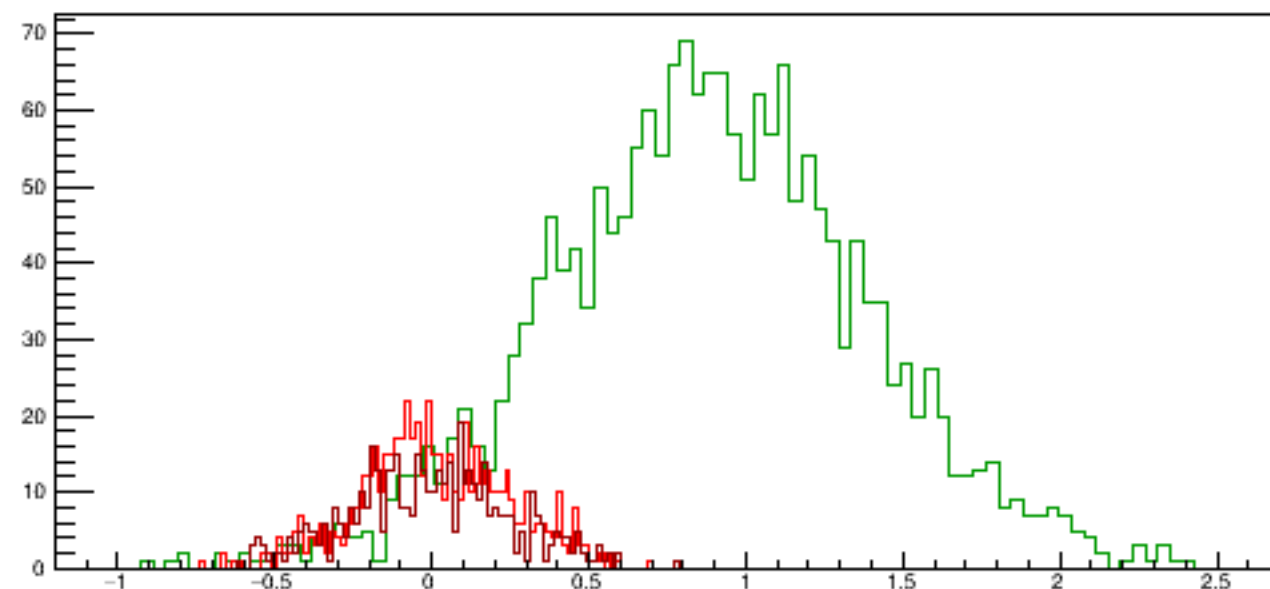
bcm:mpsCoda {mpsCoda>=303595 && mpsCoda<=320658}



Cycle 10, Diffs

Entries: 565	Entries: 1948	Entries: 474
Mean: 0.0118 +/- 0.0101	Mean: 0.8758 +/- 0.0115	Mean: -0.0071 +/- 0.0116
Std Dev: 0.2394 +/- 0.0071	Std Dev: 0.5055 +/- 0.0081	Std Dev: 0.2527 +/- 0.0082

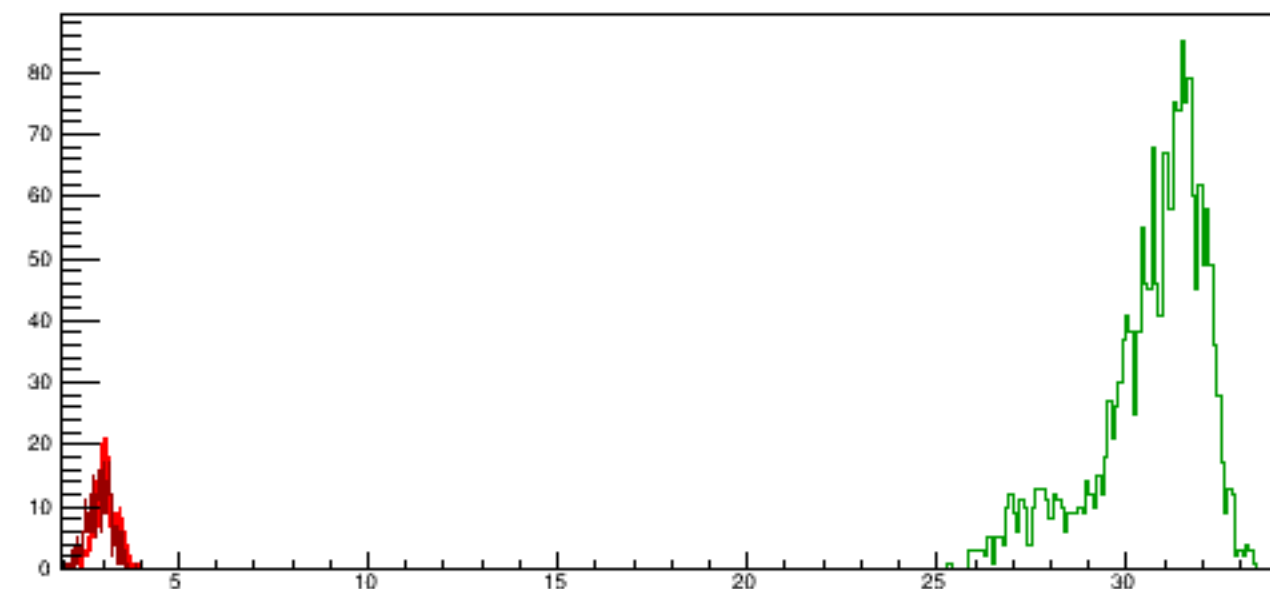
Run 5524 quartetwise, Diffs



Cycle 10, Sums

Entries: 565	Entries: 1948	Entries: 474
Mean: 3.0740 +/- 0.0114	Mean: 30.6579 +/- 0.0329	Mean: 2.9187 +/- 0.0143
Std Dev: 0.2706 +/- 0.0080	Std Dev: 1.4524 +/- 0.0233	Std Dev: 0.3110 +/- 0.0101

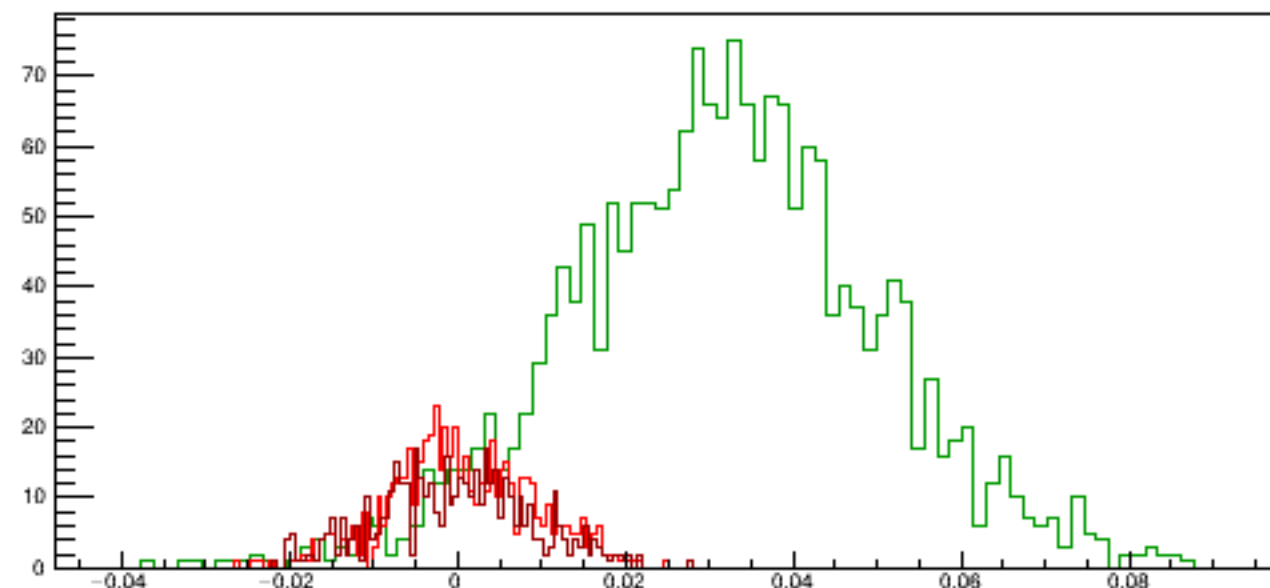
Run 5524 quartetwise, Sums



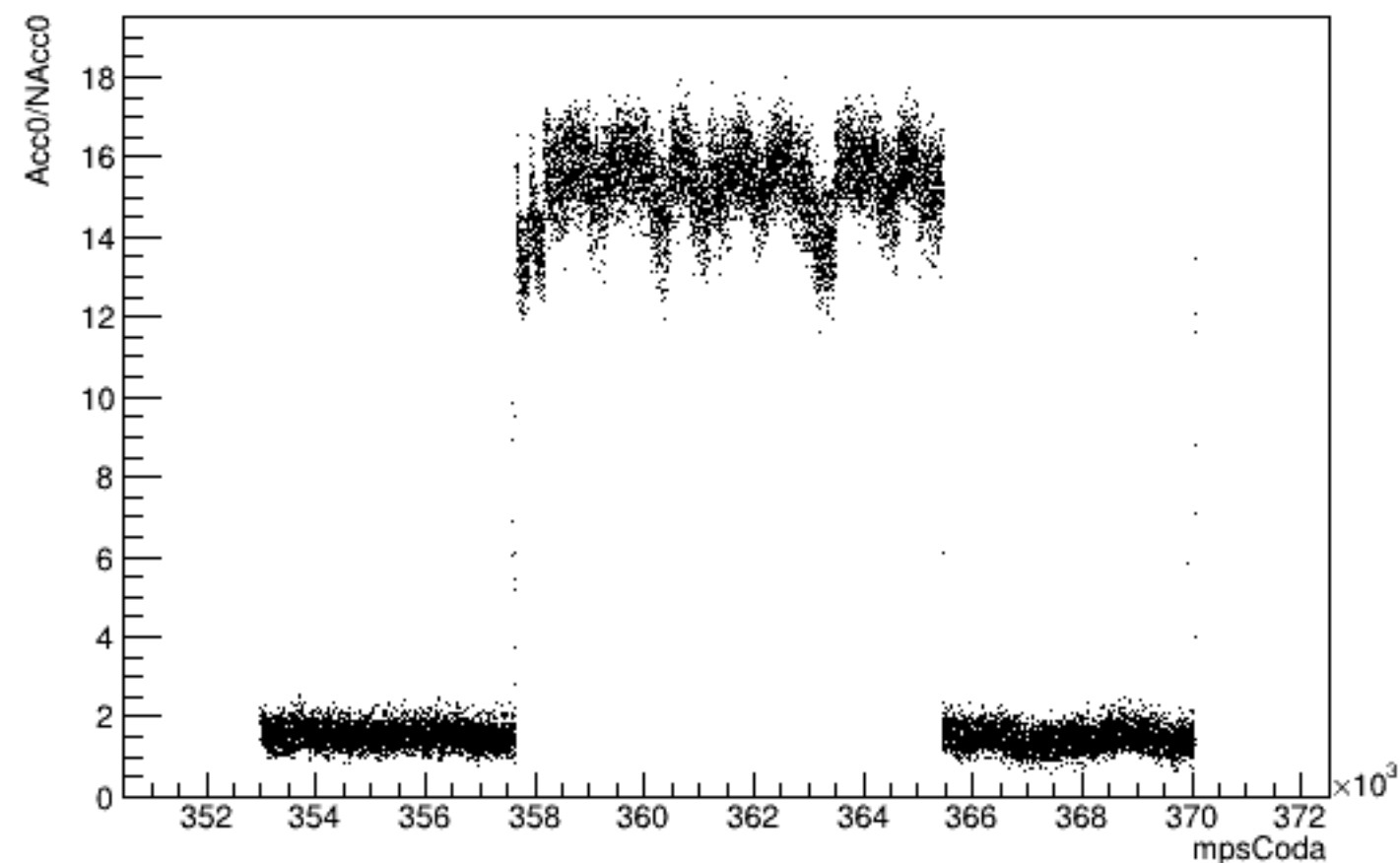
Cycle 10, Asyms

Entries: 565	Entries: 1948	Entries: 474
Mean: 0.0004 +/- 0.0004	Mean: 0.0317 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0087 +/- 0.0003	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0091 +/- 0.0003

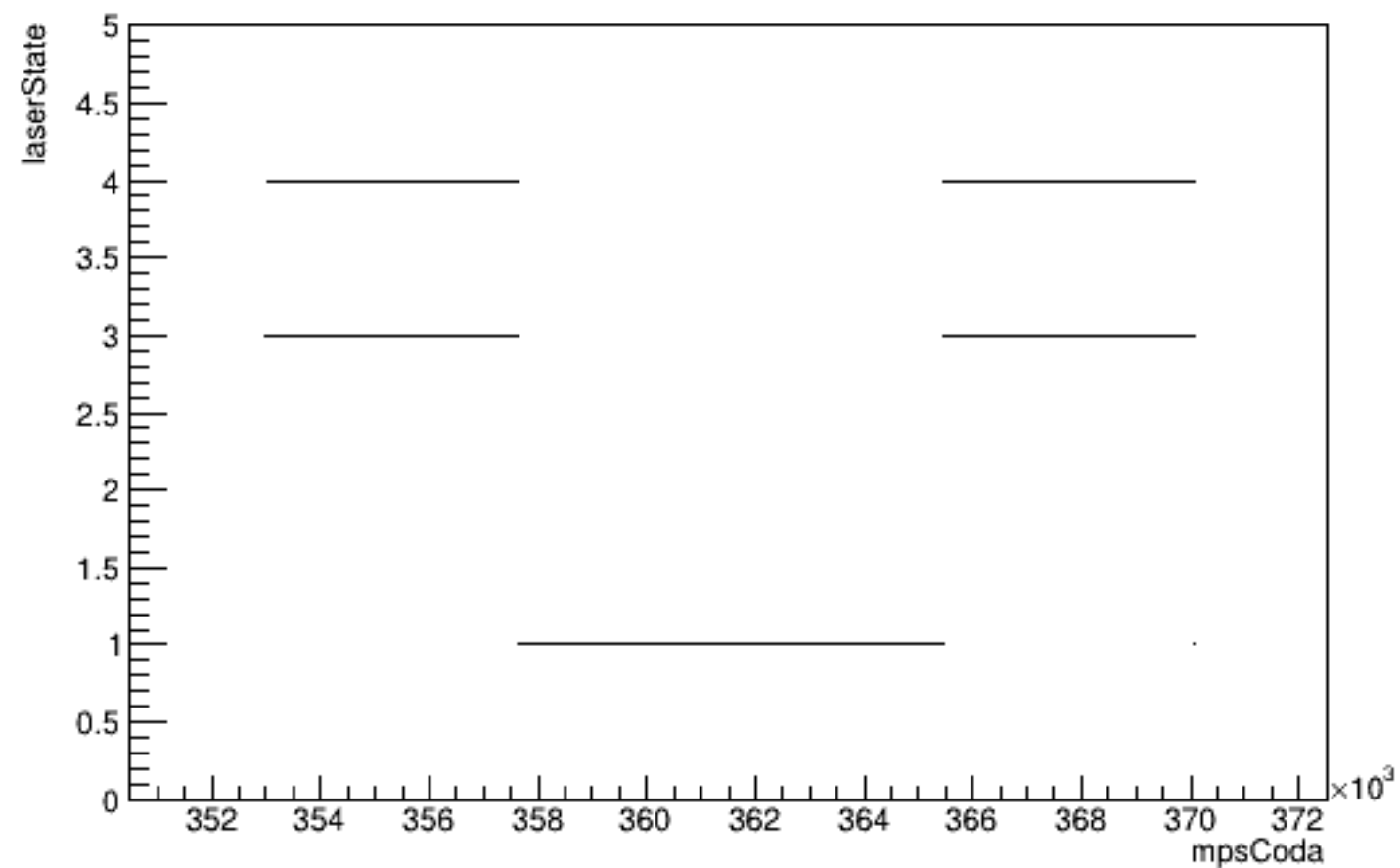
Run 5524 quartetwise, Asyms



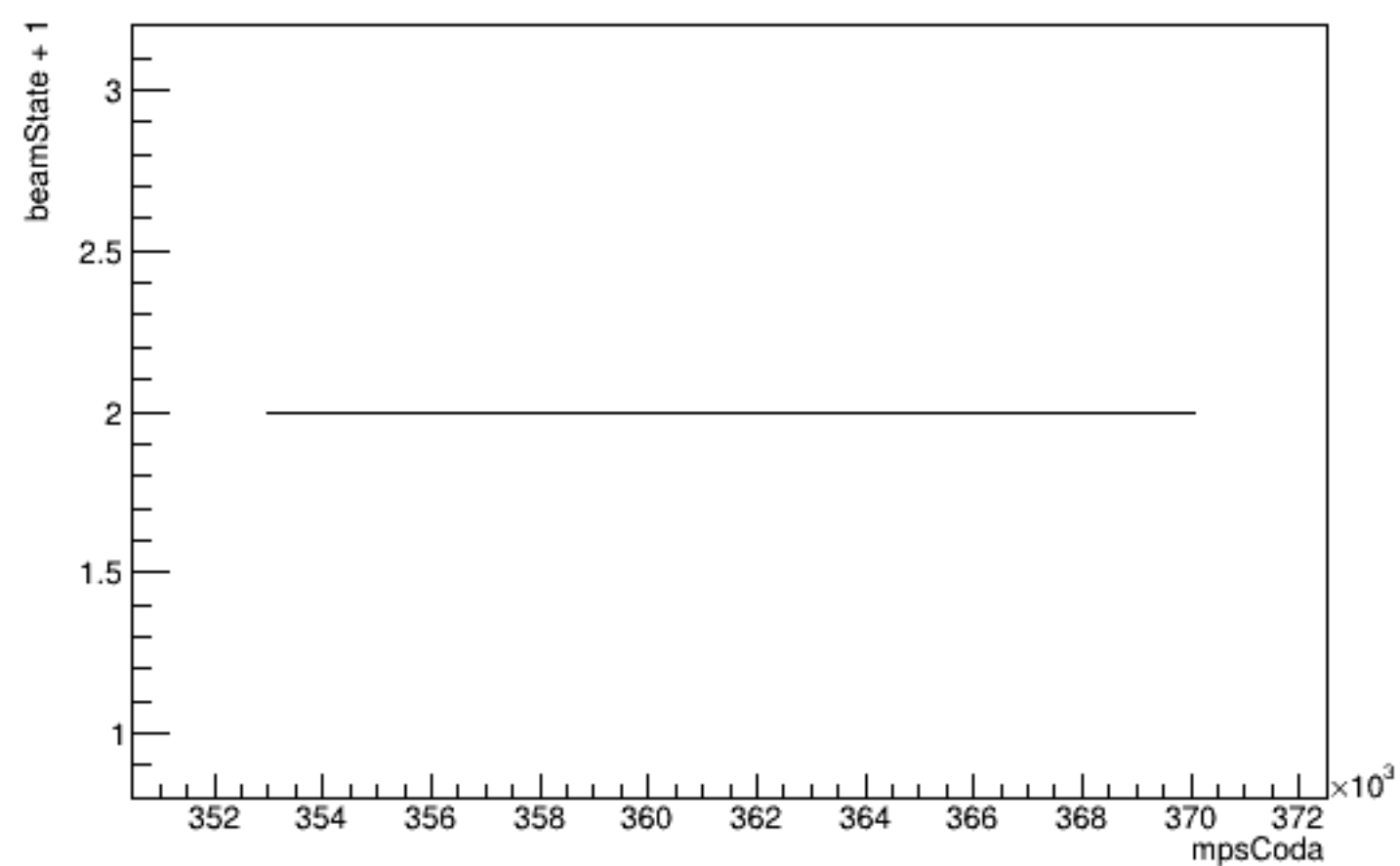
Acc0/NAcc0:mpsCoda (mpsCoda>=352995 && mpsCoda<=370054 && beamState==1)



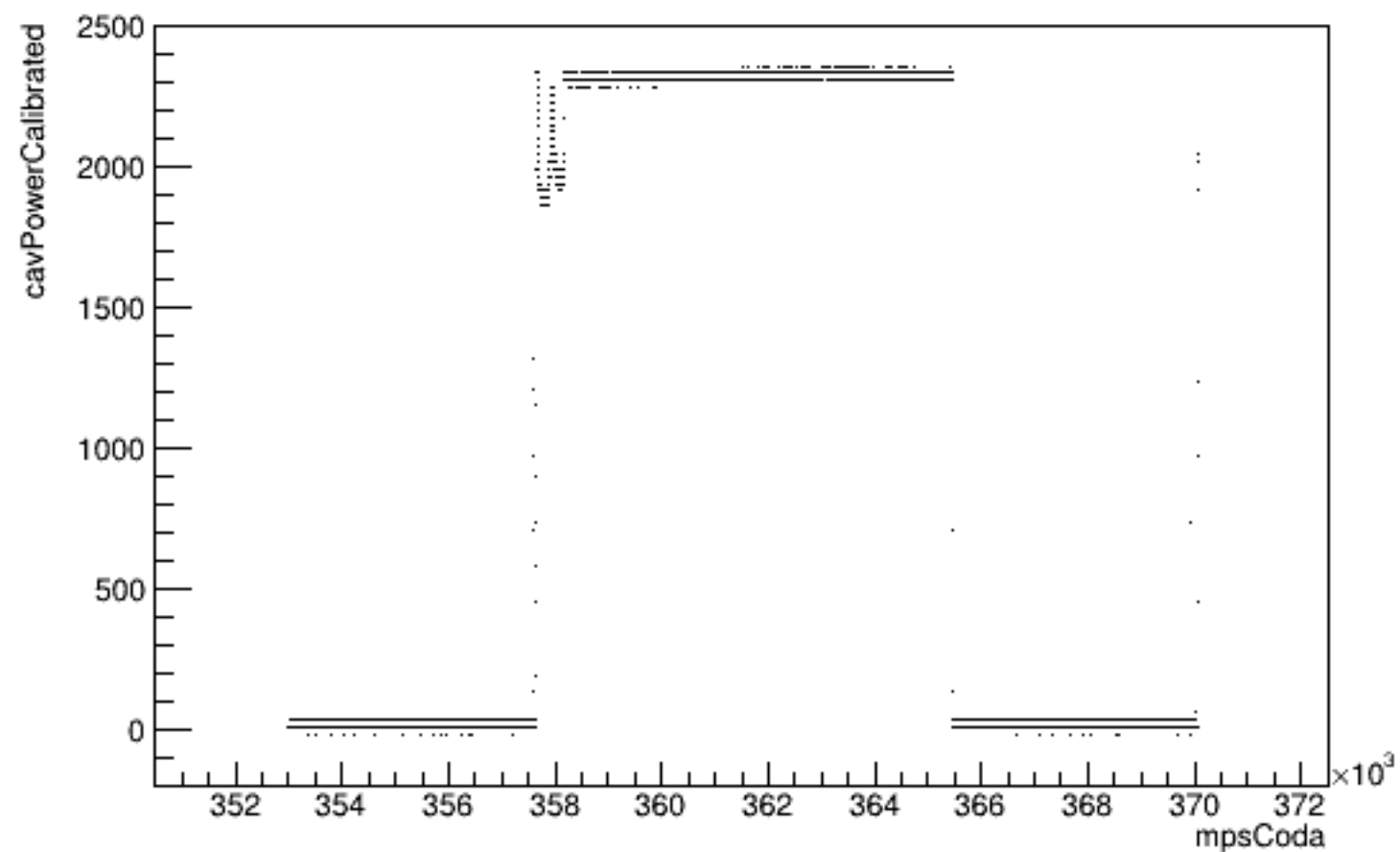
laserState:mpsCoda {mpsCoda>=352995 && mpsCoda<=370054}



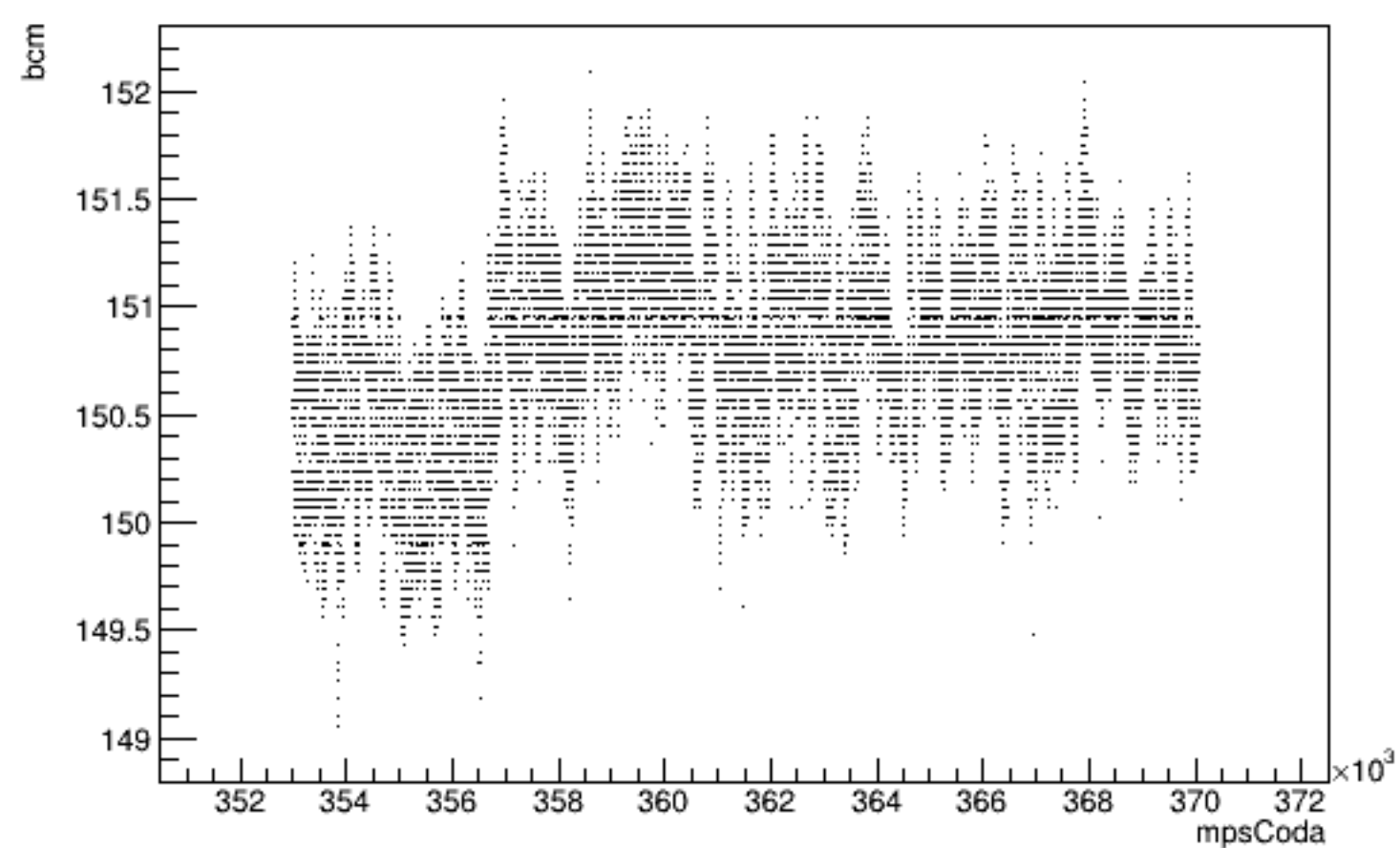
beamState + 1:mpsCoda {mpsCoda>=352995 && mpsCoda<=370054}



cavPowerCalibrated:mpsCoda {mpsCoda>=352995 && mpsCoda<=370054}



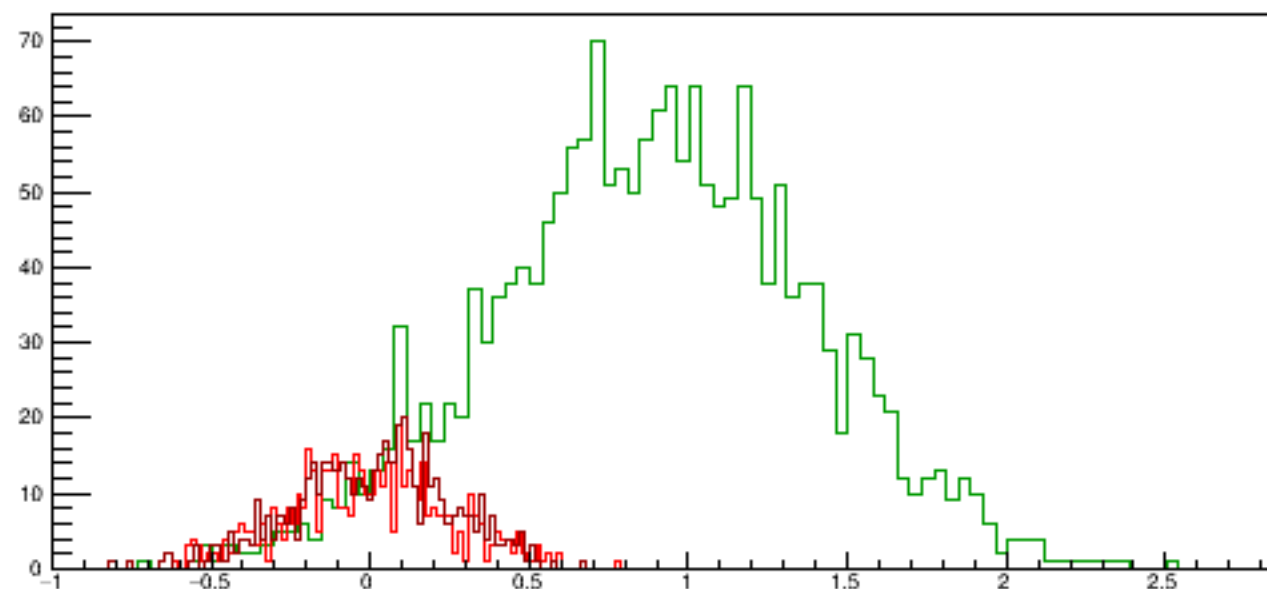
bcm:mpsCoda {mpsCoda>=352995 && mpsCoda<=370054}



Cycle 11, Diffs

Entries: 474	Entries: 1906	Entries: 505
Mean: -0.0071 +/- 0.0116	Mean: 0.8823 +/- 0.0114	Mean: 0.0069 +/- 0.0109
Std Dev: 0.2527 +/- 0.0082	Std Dev: 0.4966 +/- 0.0080	Std Dev: 0.2442 +/- 0.0077

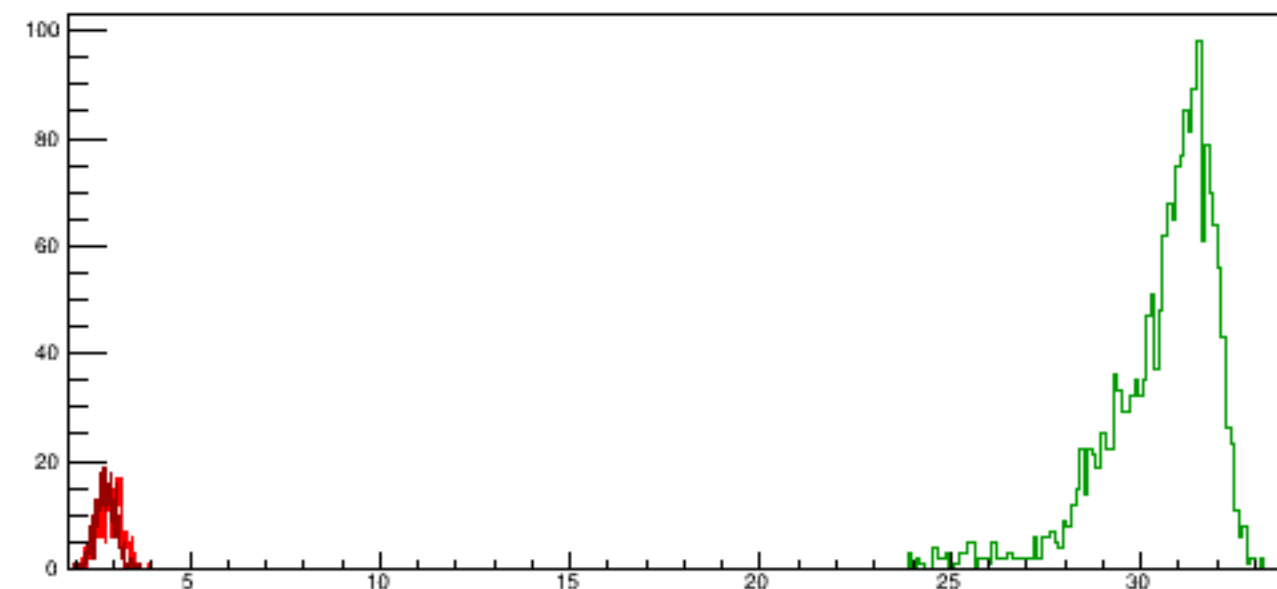
Run 5524 quartetwise, Diffs



Cycle 11, Sums

Entries: 474	Entries: 1906	Entries: 505
Mean: 2.9187 +/- 0.0143	Mean: 30.5480 +/- 0.0336	Mean: 2.7853 +/- 0.0121
Std Dev: 0.3110 +/- 0.0101	Std Dev: 1.4653 +/- 0.0237	Std Dev: 0.2723 +/- 0.0086

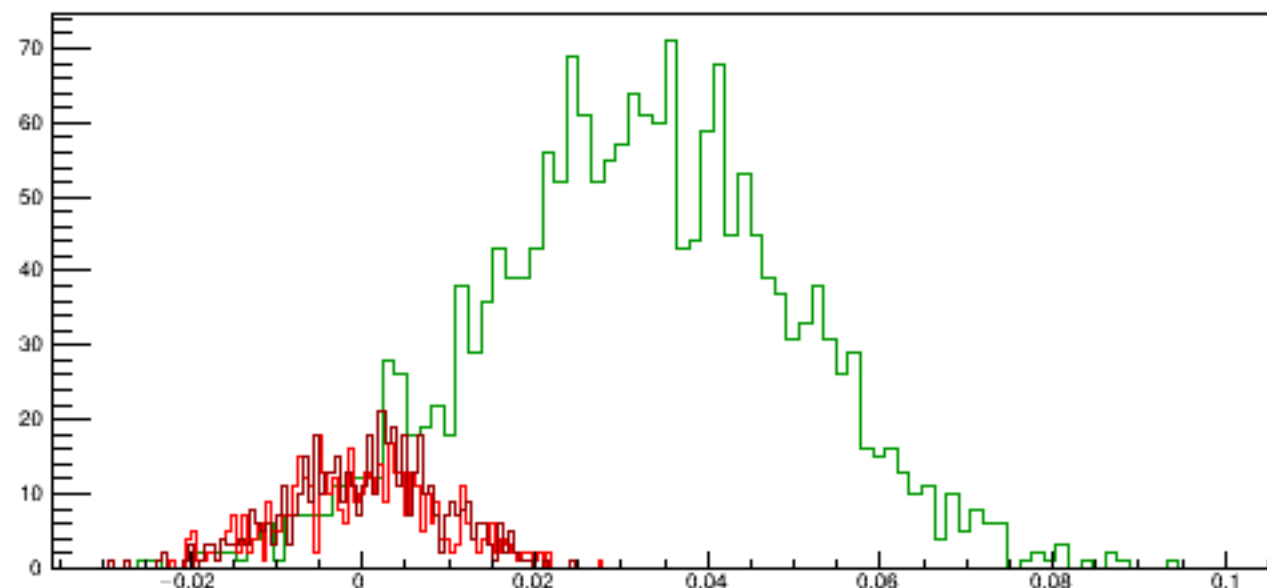
Run 5524 quartetwise, Sums



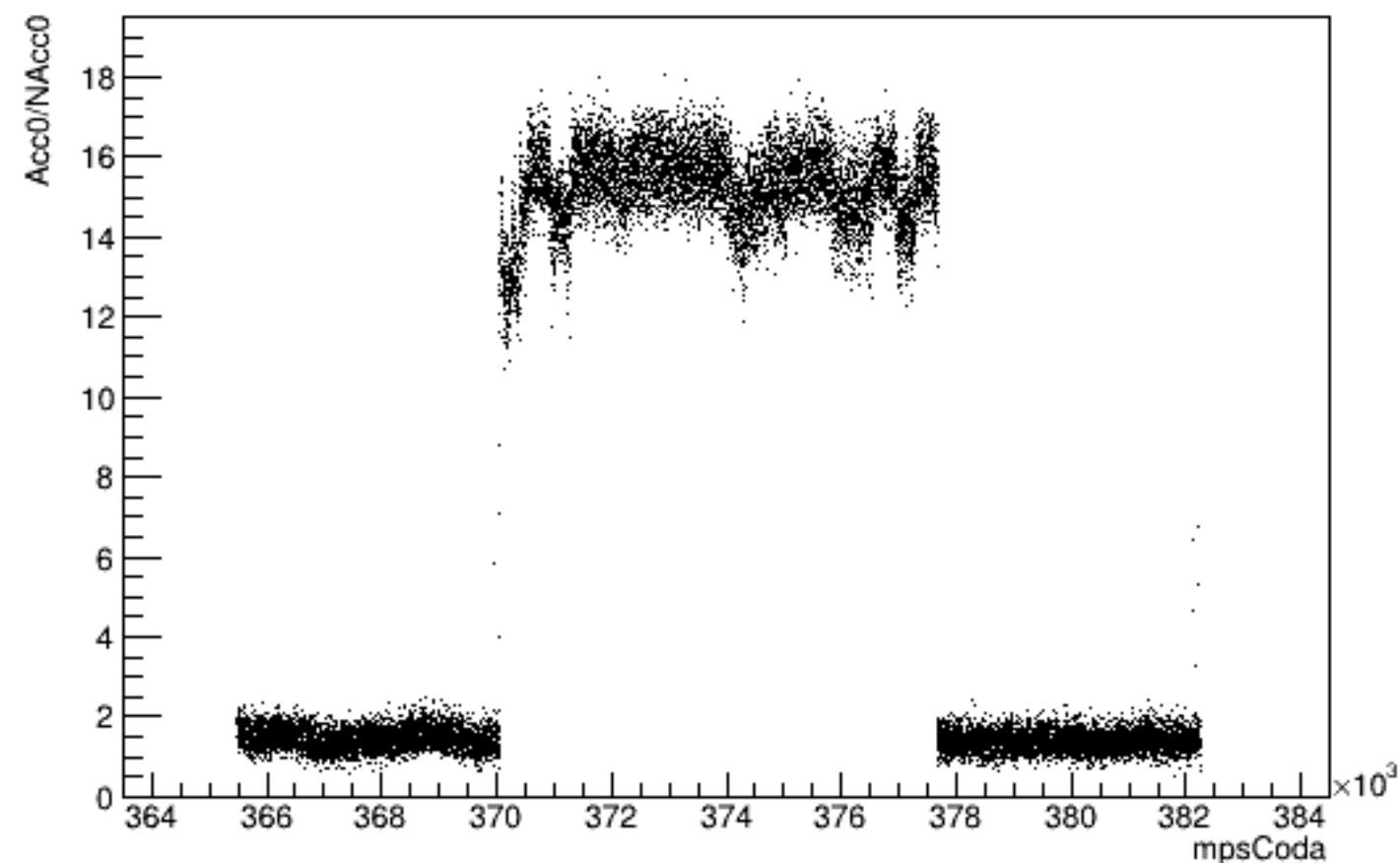
Cycle 11, Asyms

Entries: 474	Entries: 1906	Entries: 505
Mean: -0.0003 +/- 0.0004	Mean: 0.0319 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0091 +/- 0.0003	Std Dev: 0.0180 +/- 0.0003	Std Dev: 0.0088 +/- 0.0003

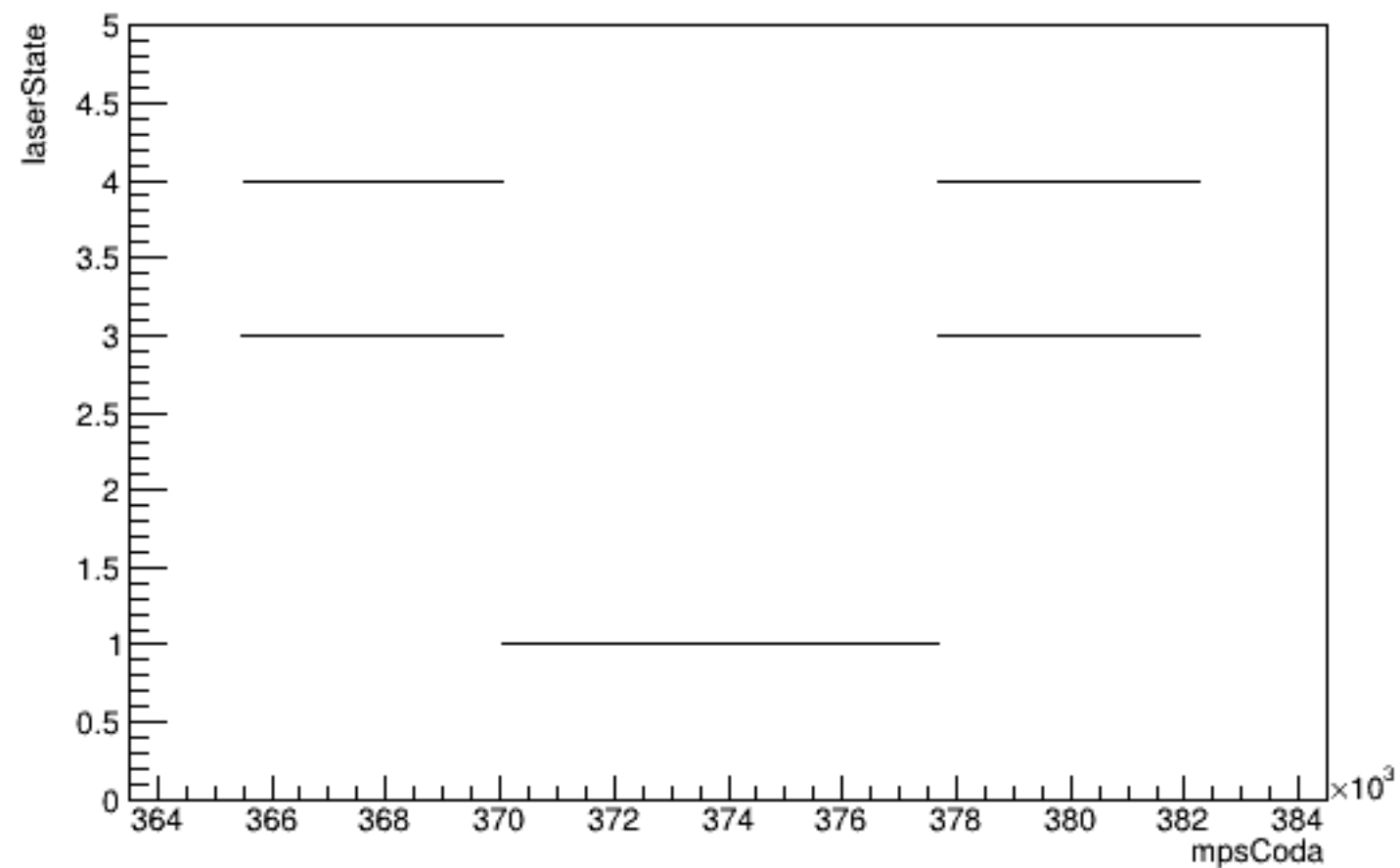
Run 5524 quartetwise, Asyms



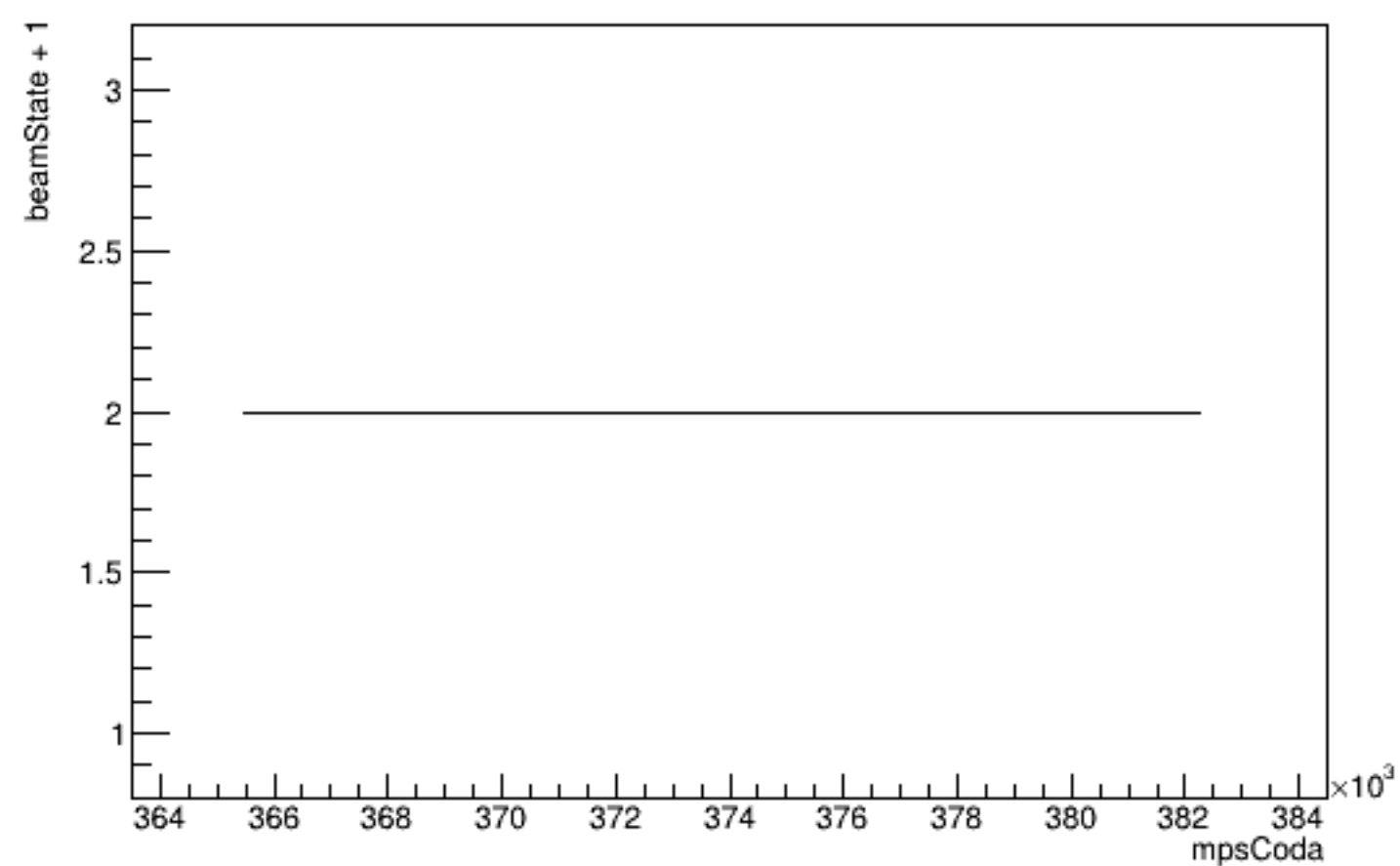
Acc0/NAcc0:mpsCoda (mpsCoda>=365491 && mpsCoda<=382242 && beamState==1)



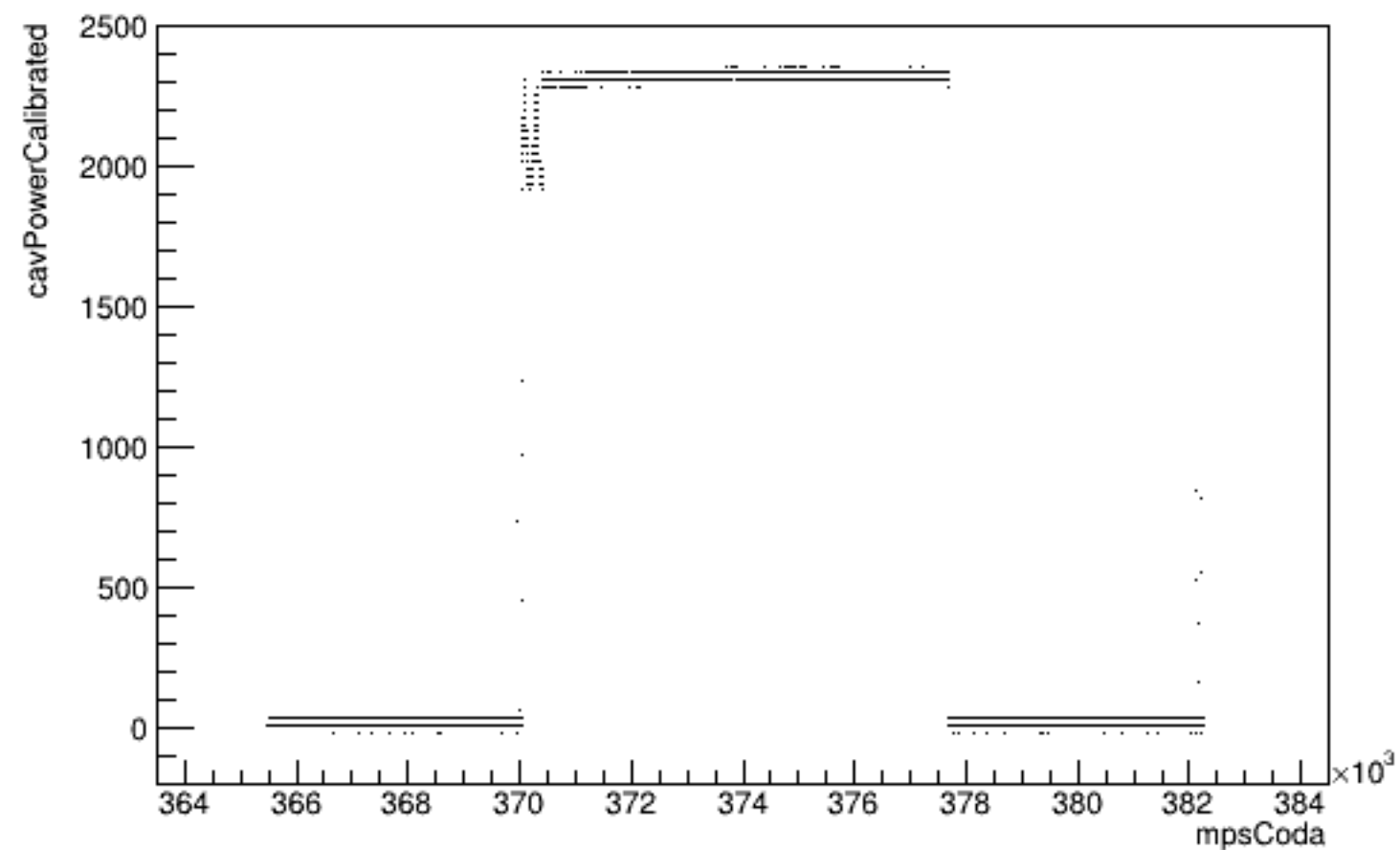
laserState:mpsCoda {mpsCoda>=365491 && mpsCoda<=382242}



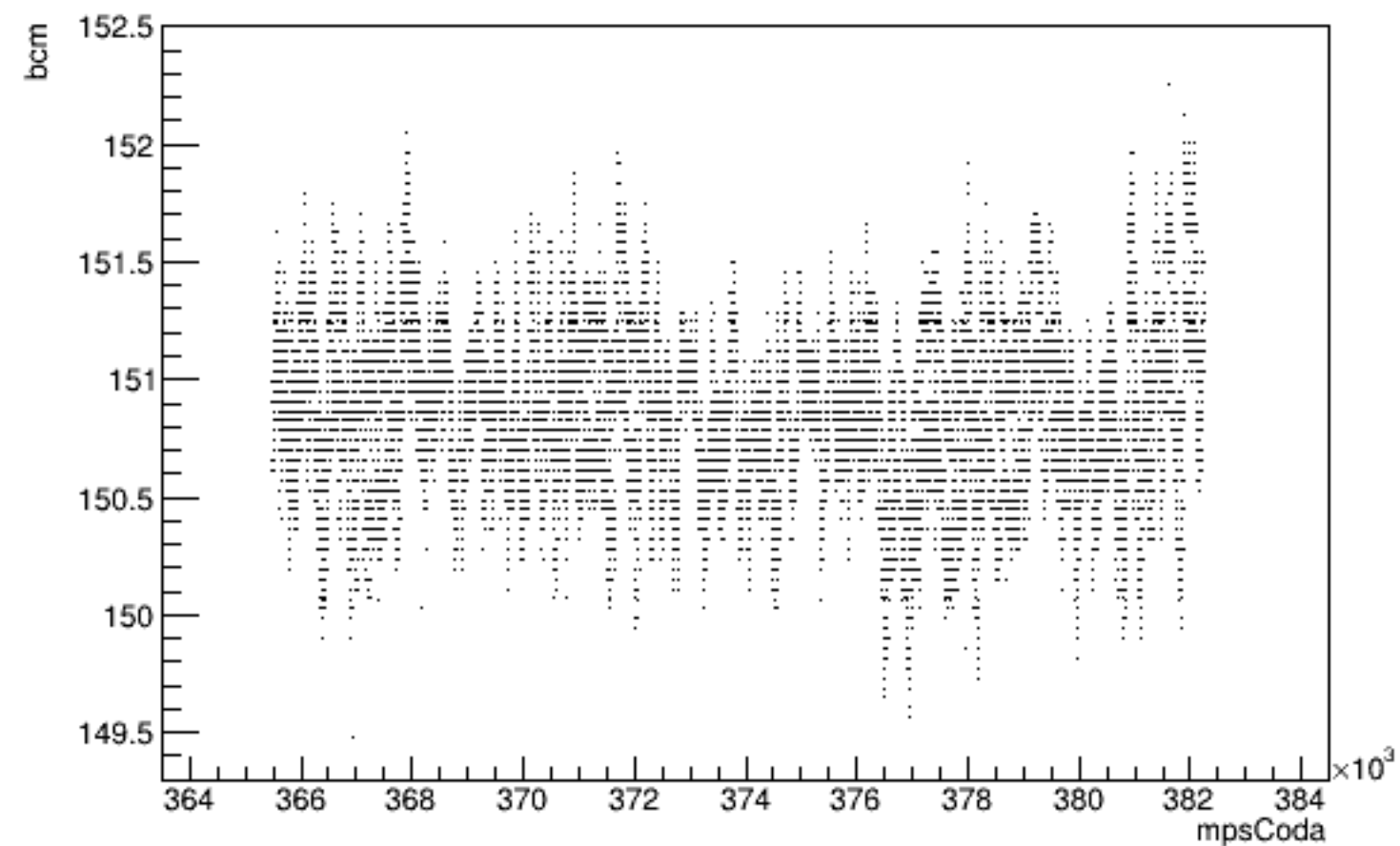
beamState + 1:mpsCoda {mpsCoda>=365491 && mpsCoda<=382242}



cavPowerCalibrated:mpsCoda {mpsCoda>=365491 && mpsCoda<=382242}



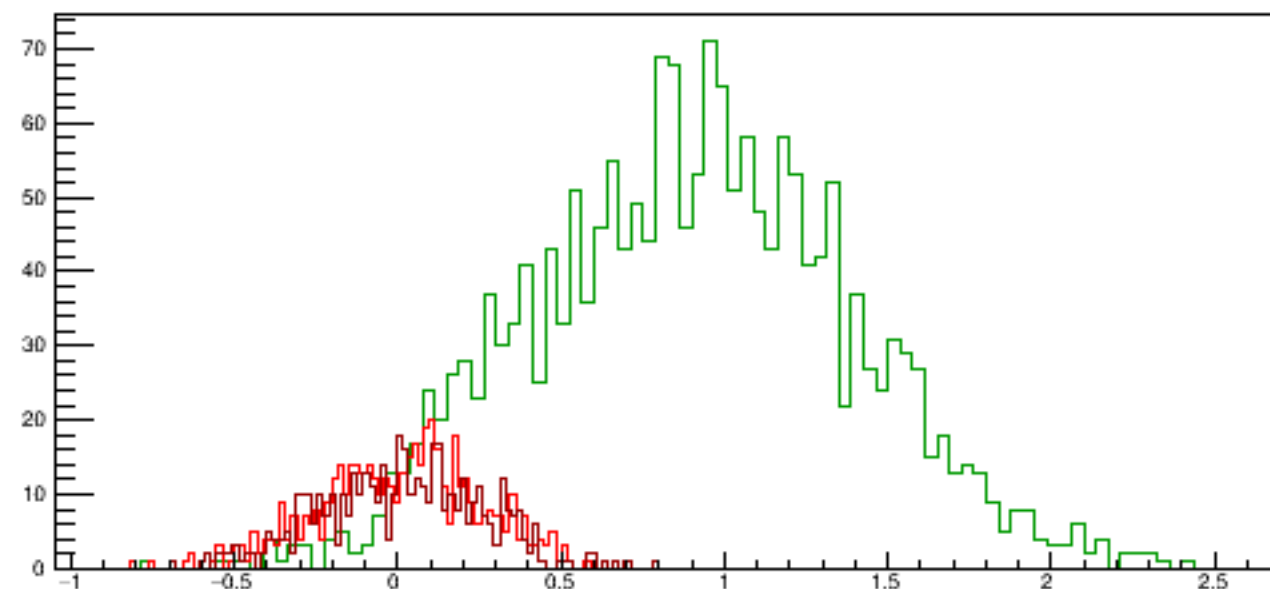
bcm:mpsCoda {mpsCoda>=365491 && mpsCoda<=382242}



Cycle 12, Diffs

Entries: 505	Entries: 1914	Entries: 456
Mean: 0.0069 +/- 0.0109	Mean: 0.8967 +/- 0.0112	Mean: 0.0111 +/- 0.0117
Std Dev: 0.2442 +/- 0.0077	Std Dev: 0.4893 +/- 0.0079	Std Dev: 0.2494 +/- 0.0083

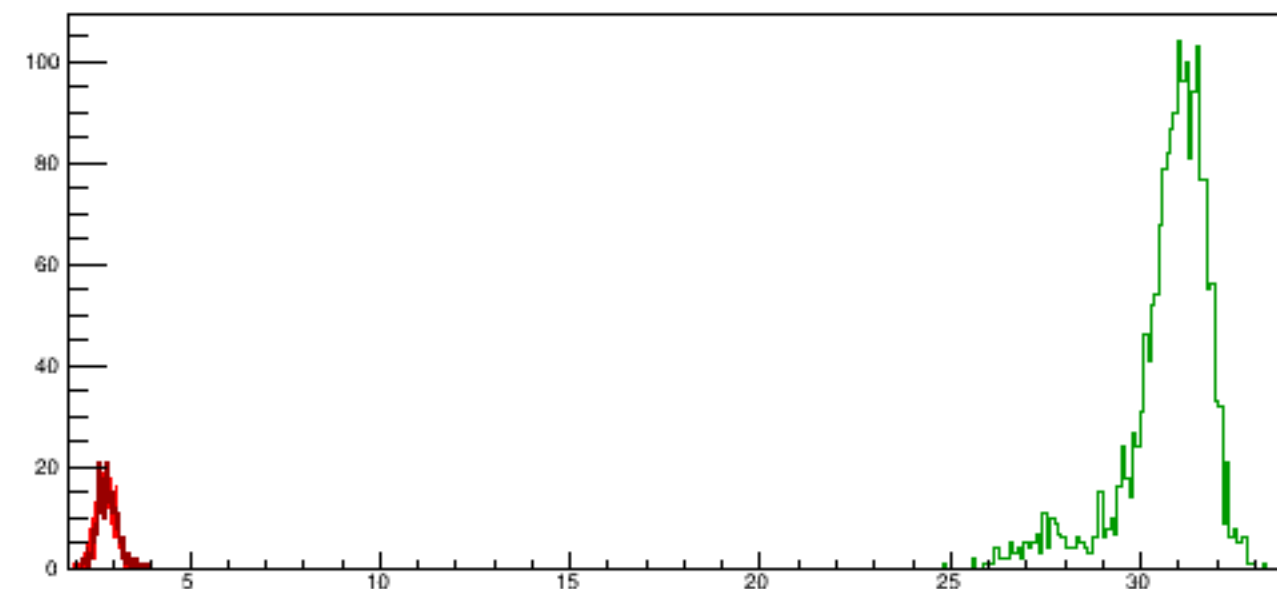
Run 5524 quartetwise, Diffs



Cycle 12, Sums

Entries: 505	Entries: 1914	Entries: 456
Mean: 2.7853 +/- 0.0121	Mean: 30.7323 +/- 0.0265	Mean: 2.8268 +/- 0.0131
Std Dev: 0.2723 +/- 0.0086	Std Dev: 1.1607 +/- 0.0188	Std Dev: 0.2807 +/- 0.0093

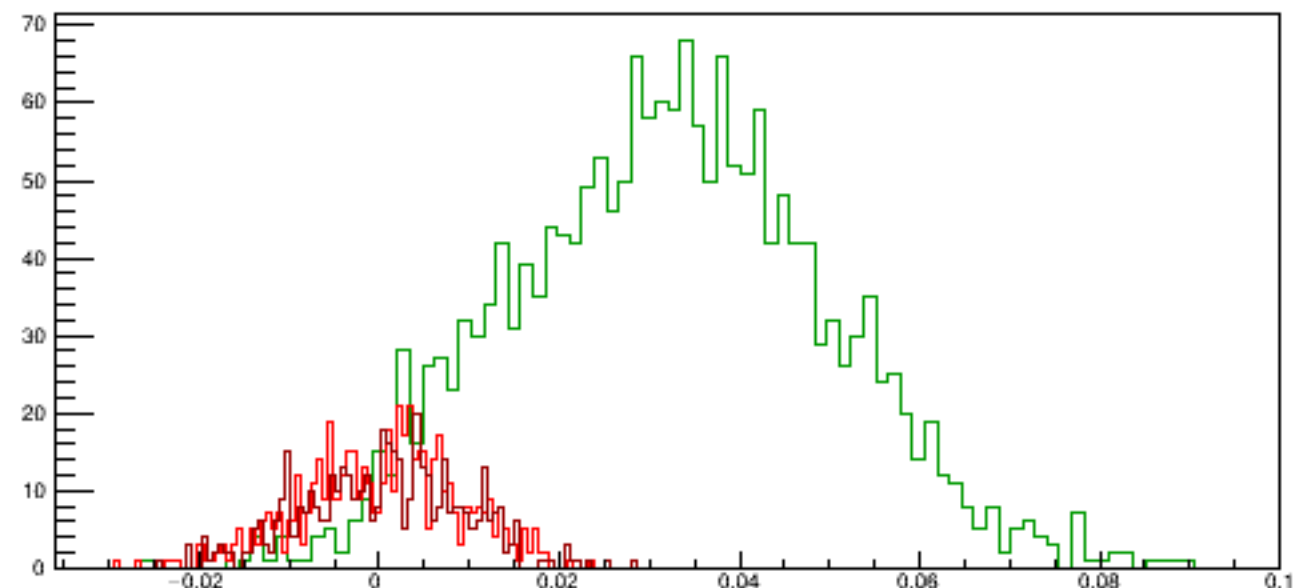
Run 5524 quartetwise, Sums



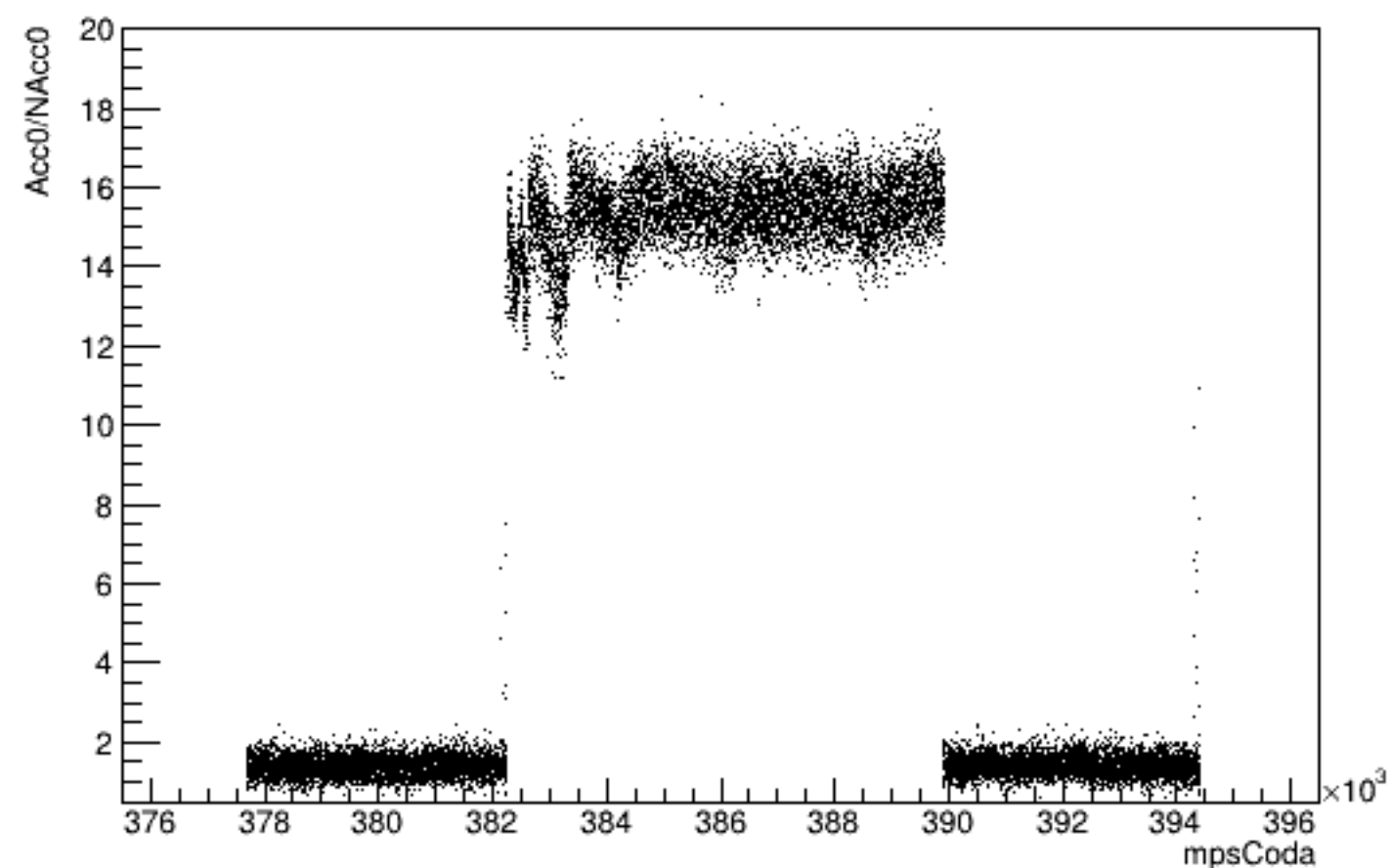
Cycle 12, Asyms

Entries: 505	Entries: 1914	Entries: 456
Mean: 0.0002 +/- 0.0004	Mean: 0.0321 +/- 0.0004	Mean: 0.0004 +/- 0.0004
Std Dev: 0.0087 +/- 0.0003	Std Dev: 0.0176 +/- 0.0003	Std Dev: 0.0089 +/- 0.0003

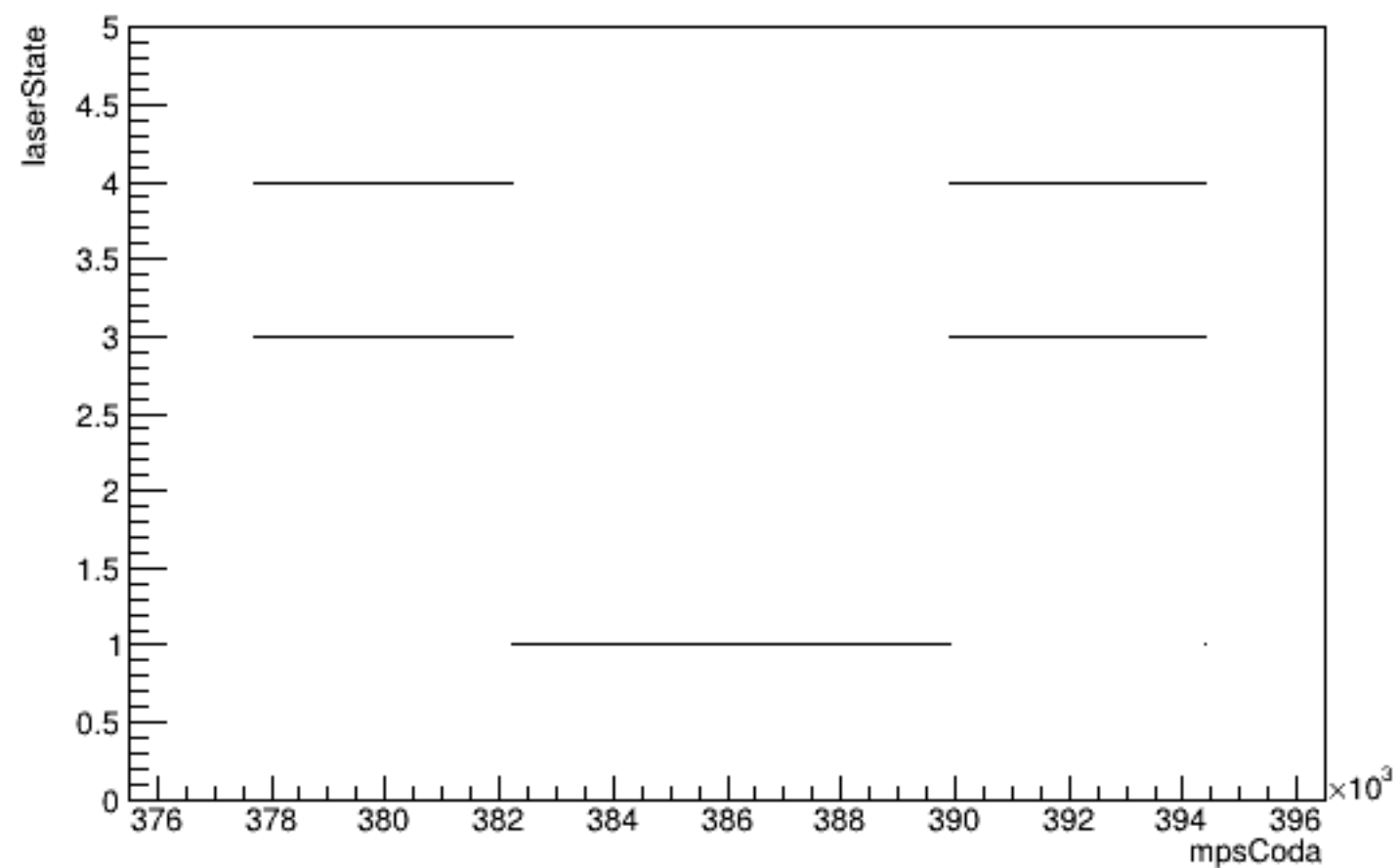
Run 5524 quartetwise, Asyms



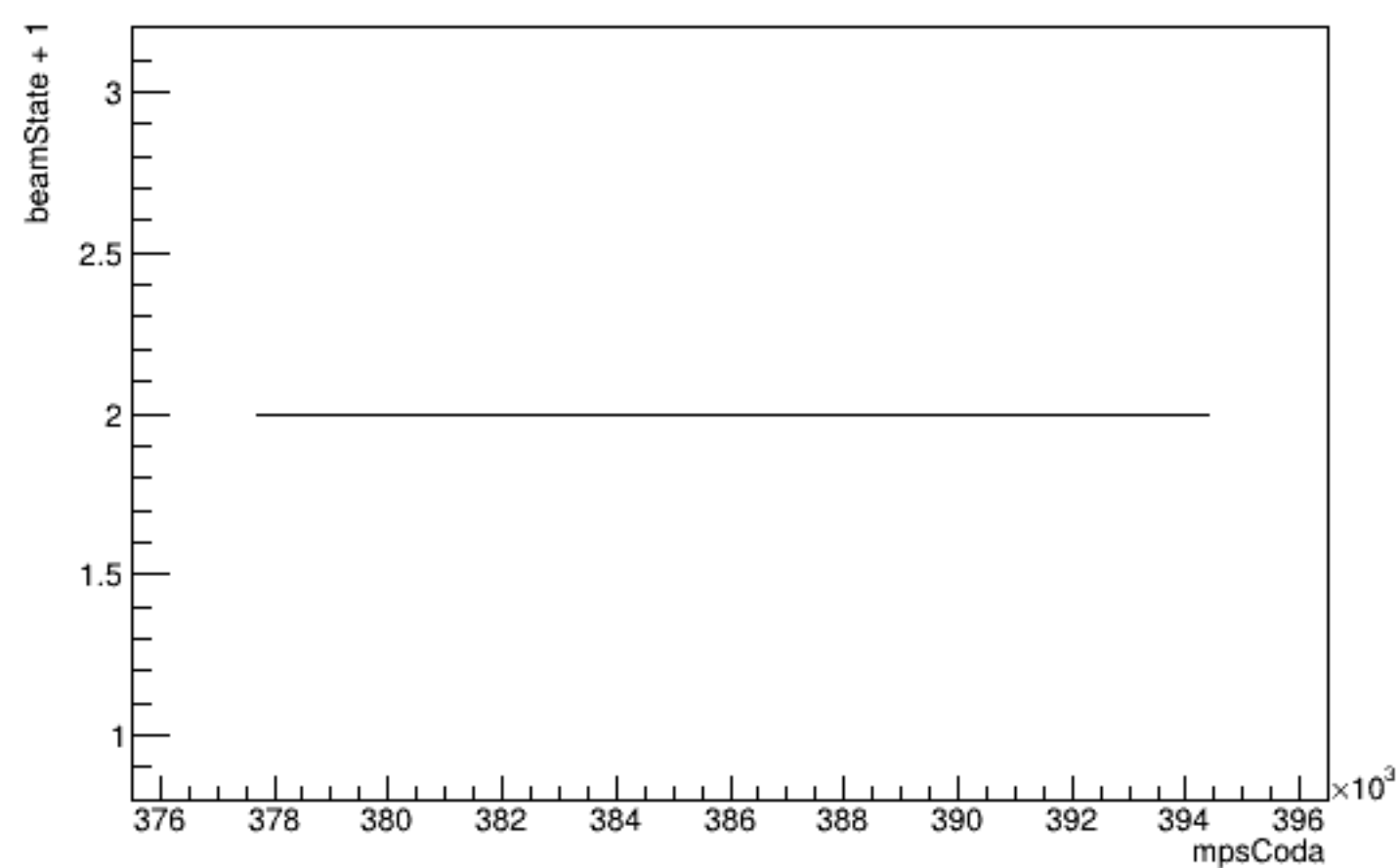
Acc0/NAcc0:mpsCoda (mpsCoda>=377687 && mpsCoda<=394402 && beamState==1)



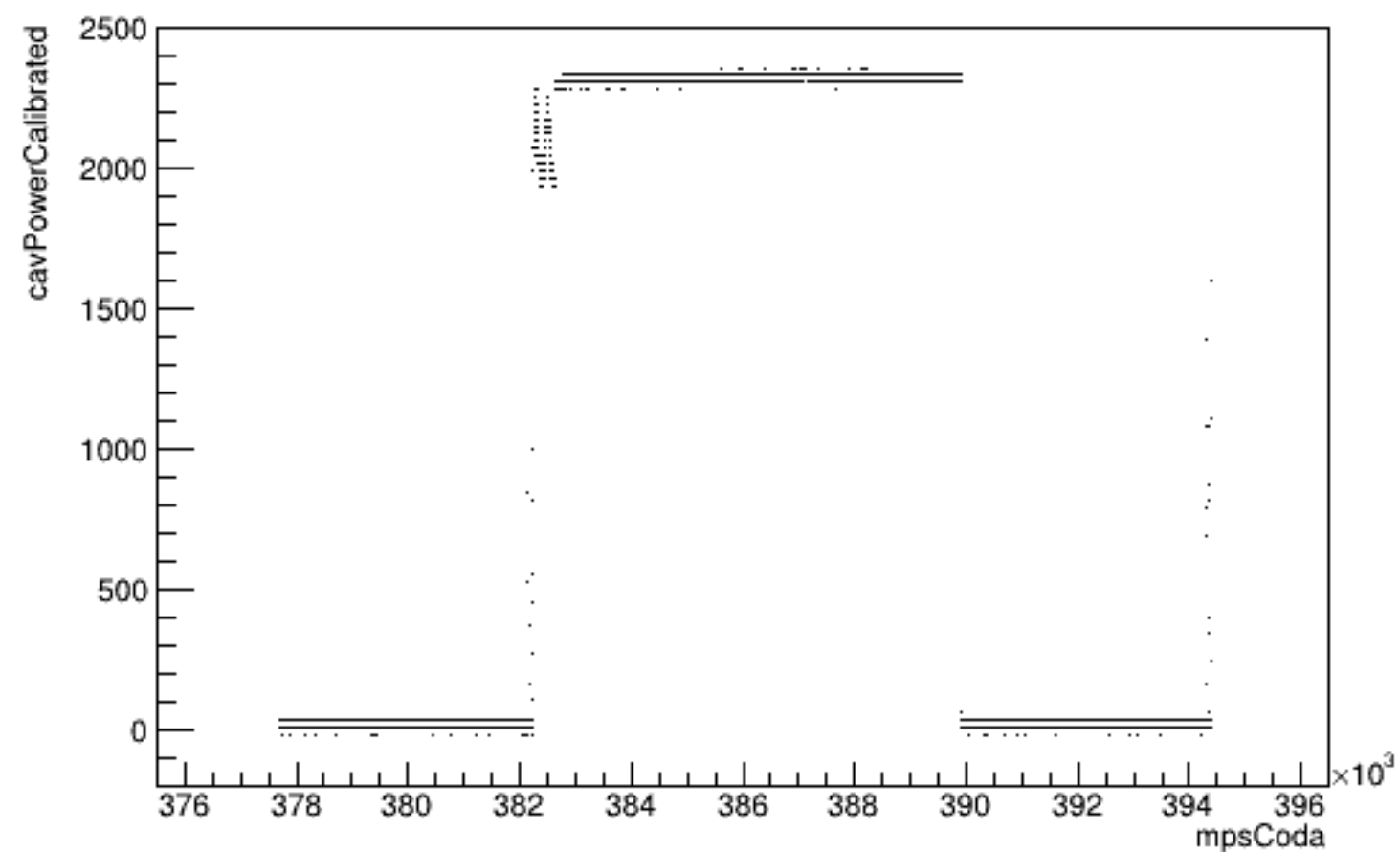
laserState:mpsCoda {mpsCoda>=377687 && mpsCoda<=394402}



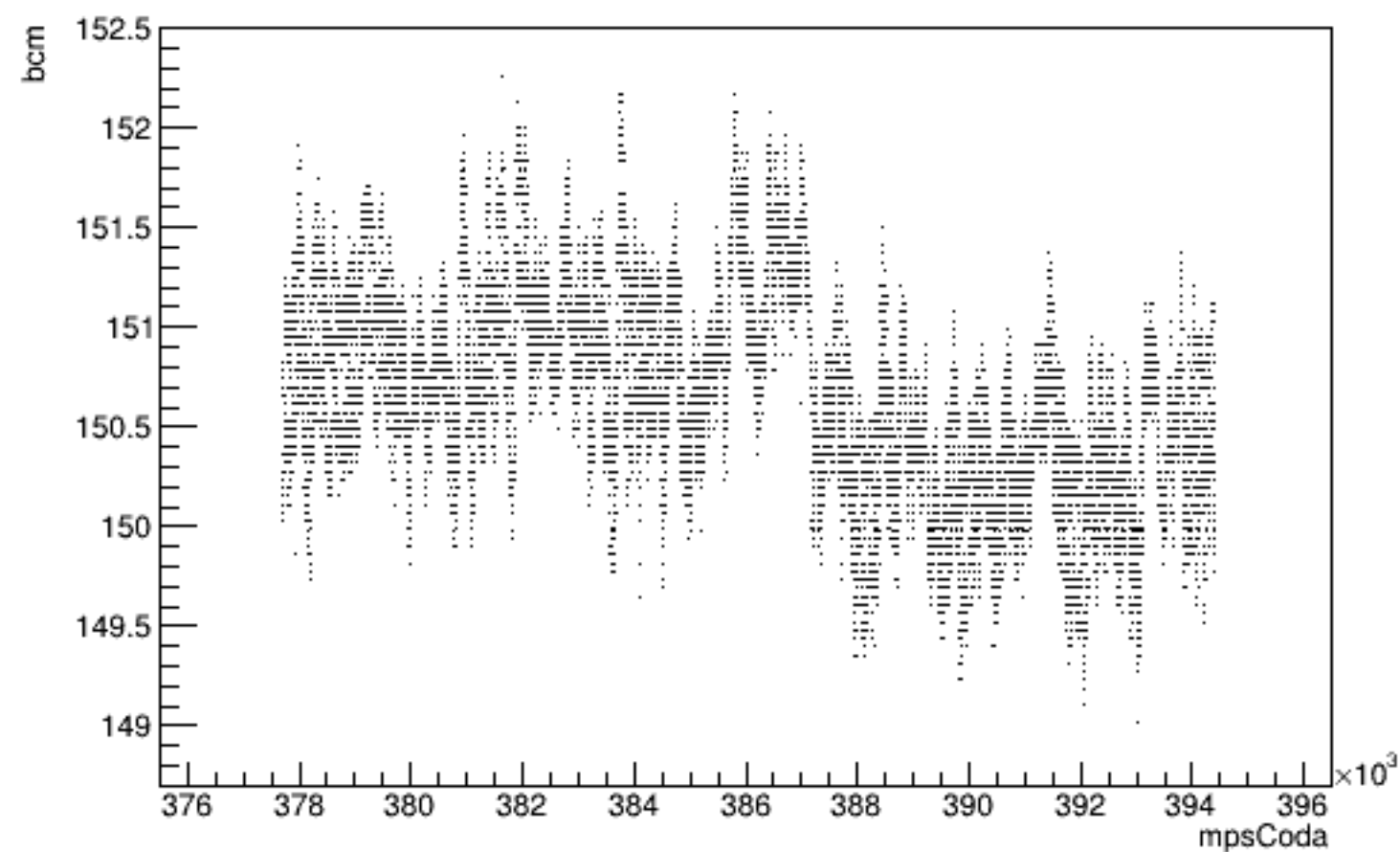
beamState + 1:mpsCoda {mpsCoda>=377687 && mpsCoda<=394402}



cavPowerCalibrated:mpsCoda {mpsCoda>=377687 && mpsCoda<=394402}



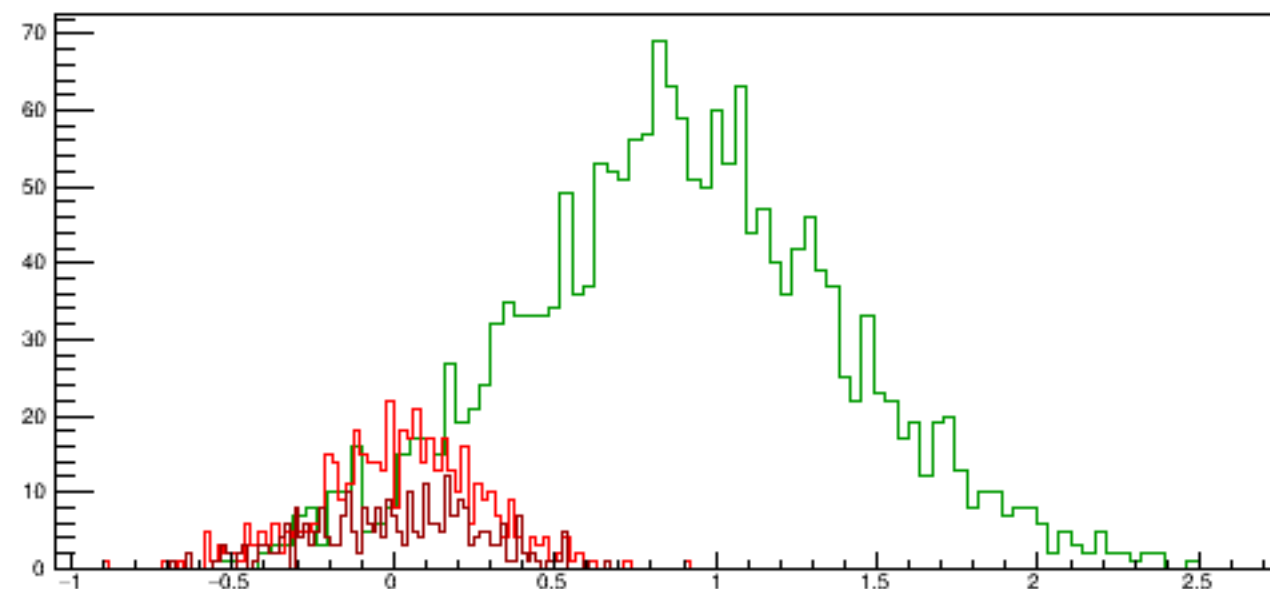
bcm:mpsCoda {mpsCoda>=377687 && mpsCoda<=394402}



Cycle 13, Diffs

Entries: 470	Entries: 1938	Entries: 303
Mean: 0.0161 +/- 0.0117	Mean: 0.8904 +/- 0.0116	Mean: 0.0044 +/- 0.0149
Std Dev: 0.2527 +/- 0.0082	Std Dev: 0.5087 +/- 0.0082	Std Dev: 0.2601 +/- 0.0106

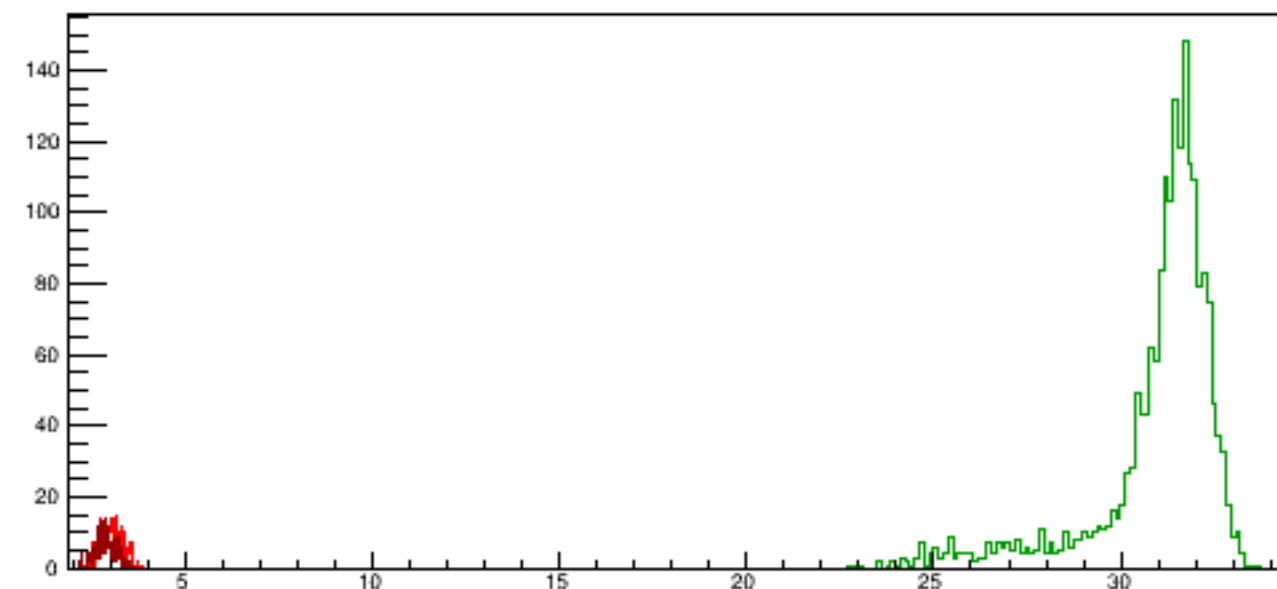
Run 5524 quartetwise, Diffs



Cycle 13, Sums

Entries: 470	Entries: 1938	Entries: 303
Mean: 3.0027 +/- 0.0143	Mean: 30.9730 +/- 0.0385	Mean: 2.8576 +/- 0.0181
Std Dev: 0.3105 +/- 0.0101	Std Dev: 1.6947 +/- 0.0272	Std Dev: 0.3150 +/- 0.0128

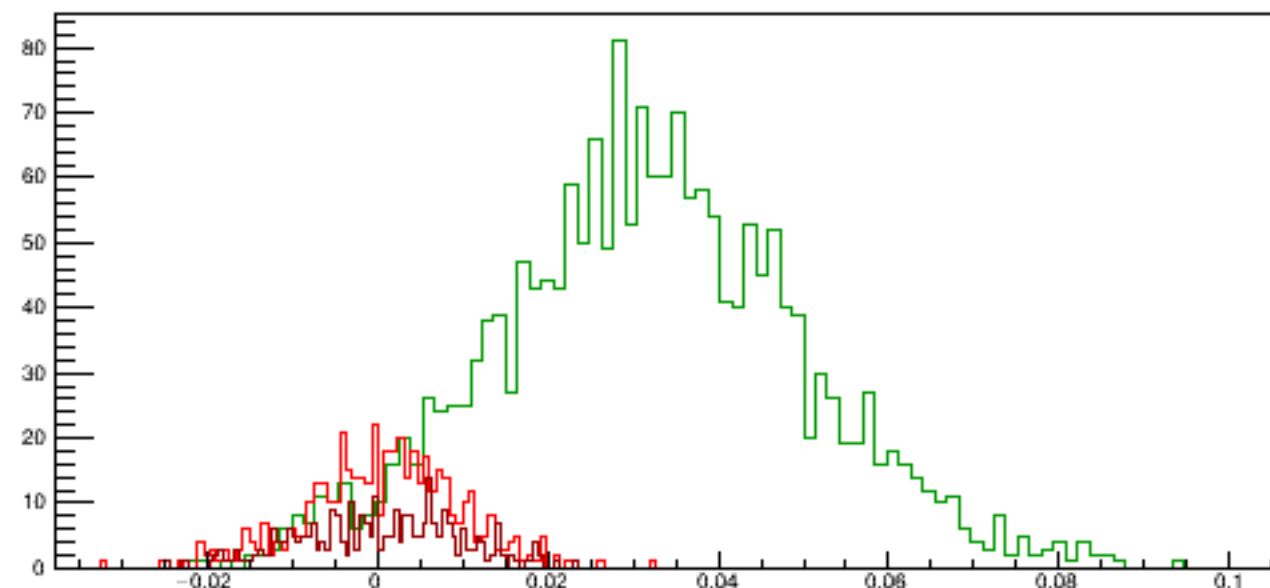
Run 5524 quartetwise, Sums



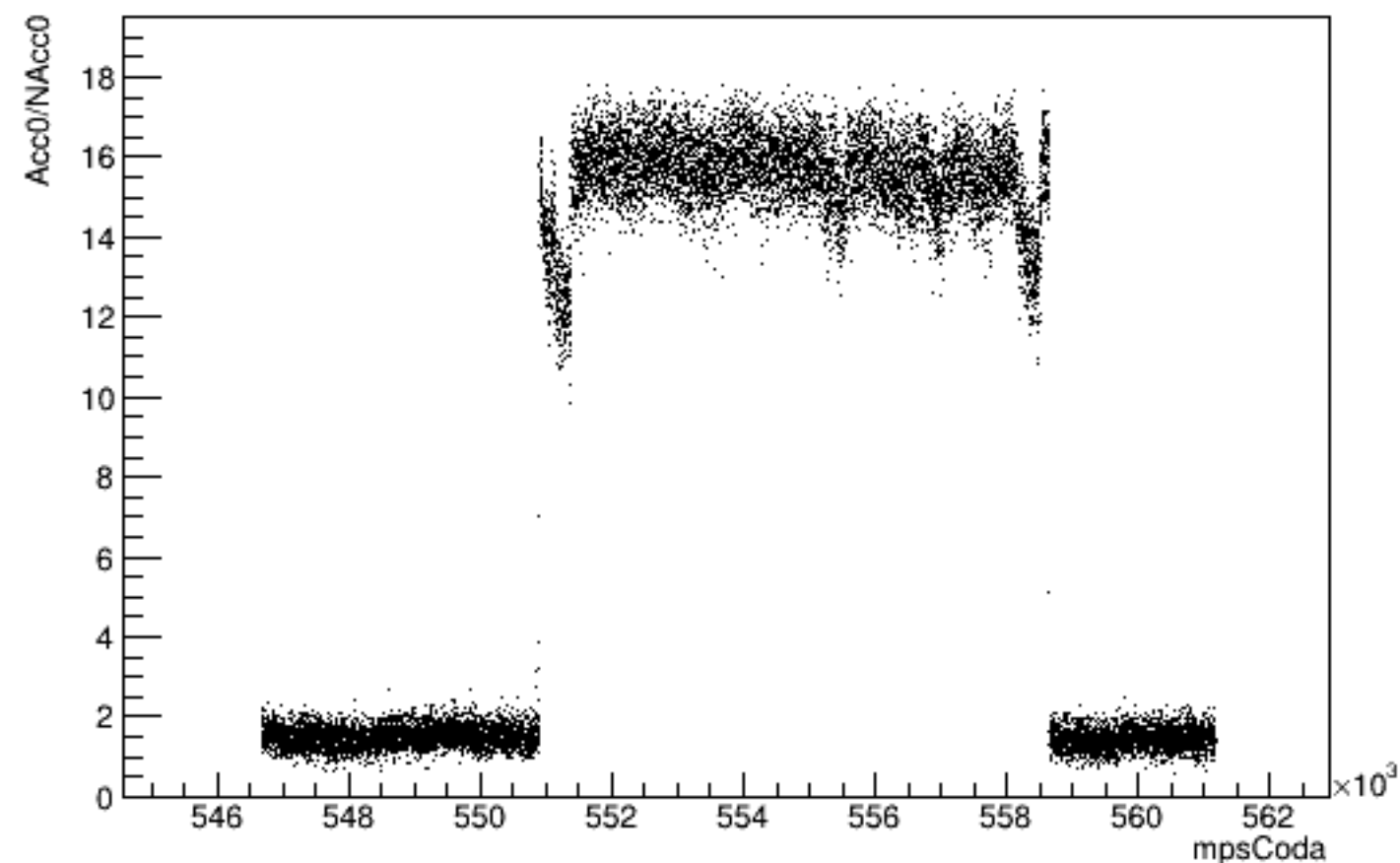
Cycle 13, Asyms

Entries: 470	Entries: 1938	Entries: 303
Mean: 0.0006 +/- 0.0004	Mean: 0.0317 +/- 0.0004	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0090 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0093 +/- 0.0004

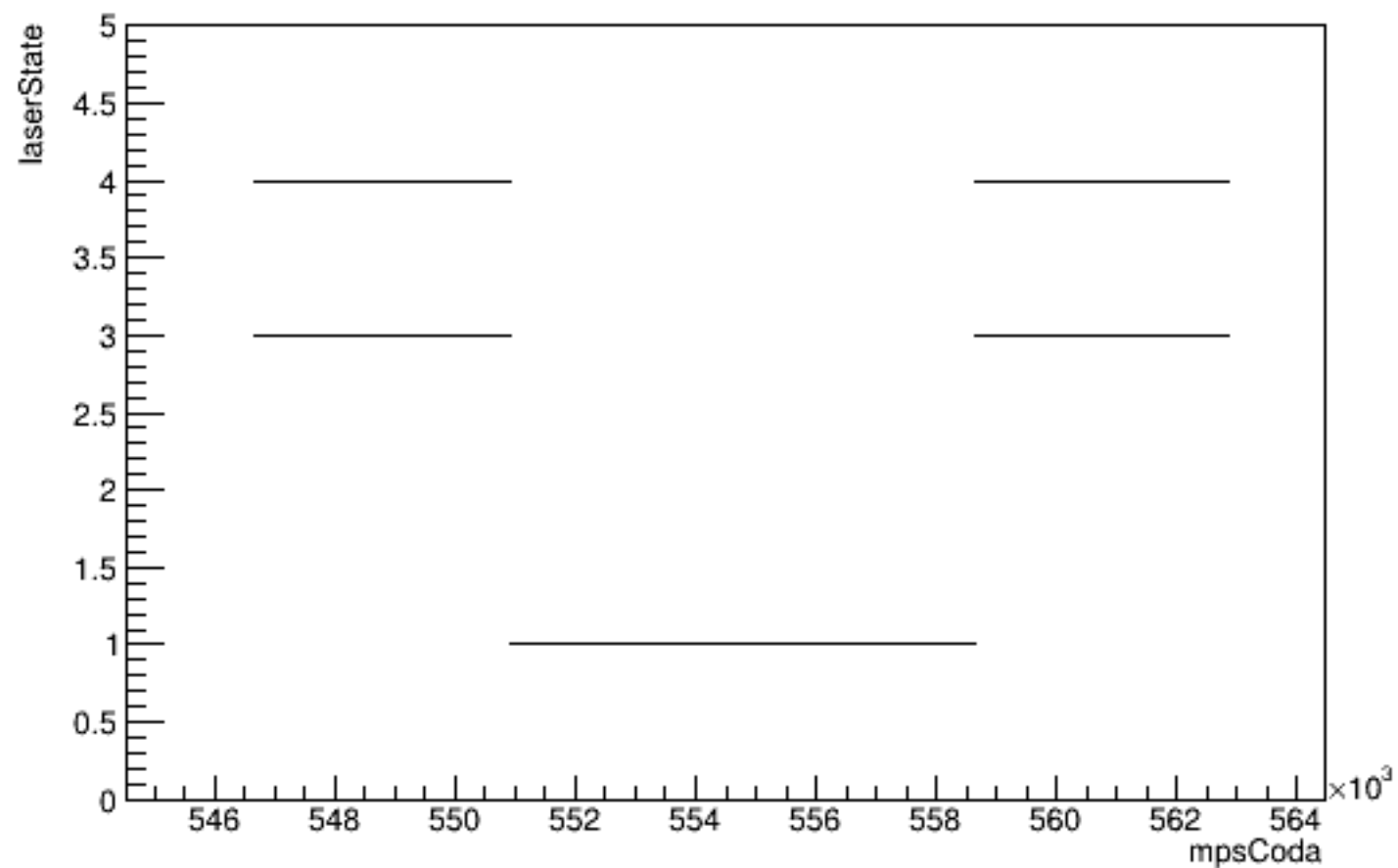
Run 5524 quartetwise, Asyms



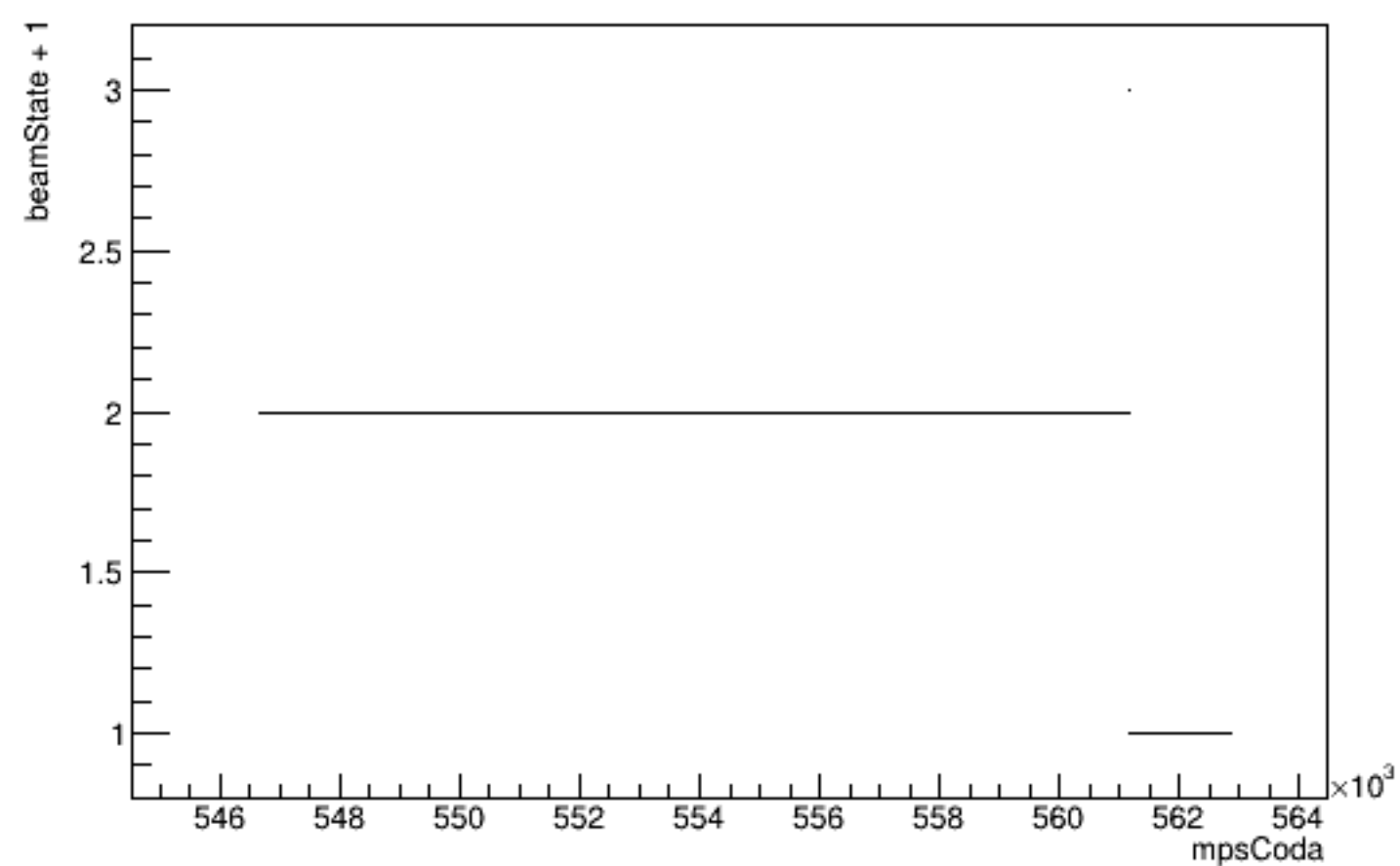
Acc0/NAcc0:mpsCoda (mpsCoda>=546671 && mpsCoda<=562862 && beamState==1)



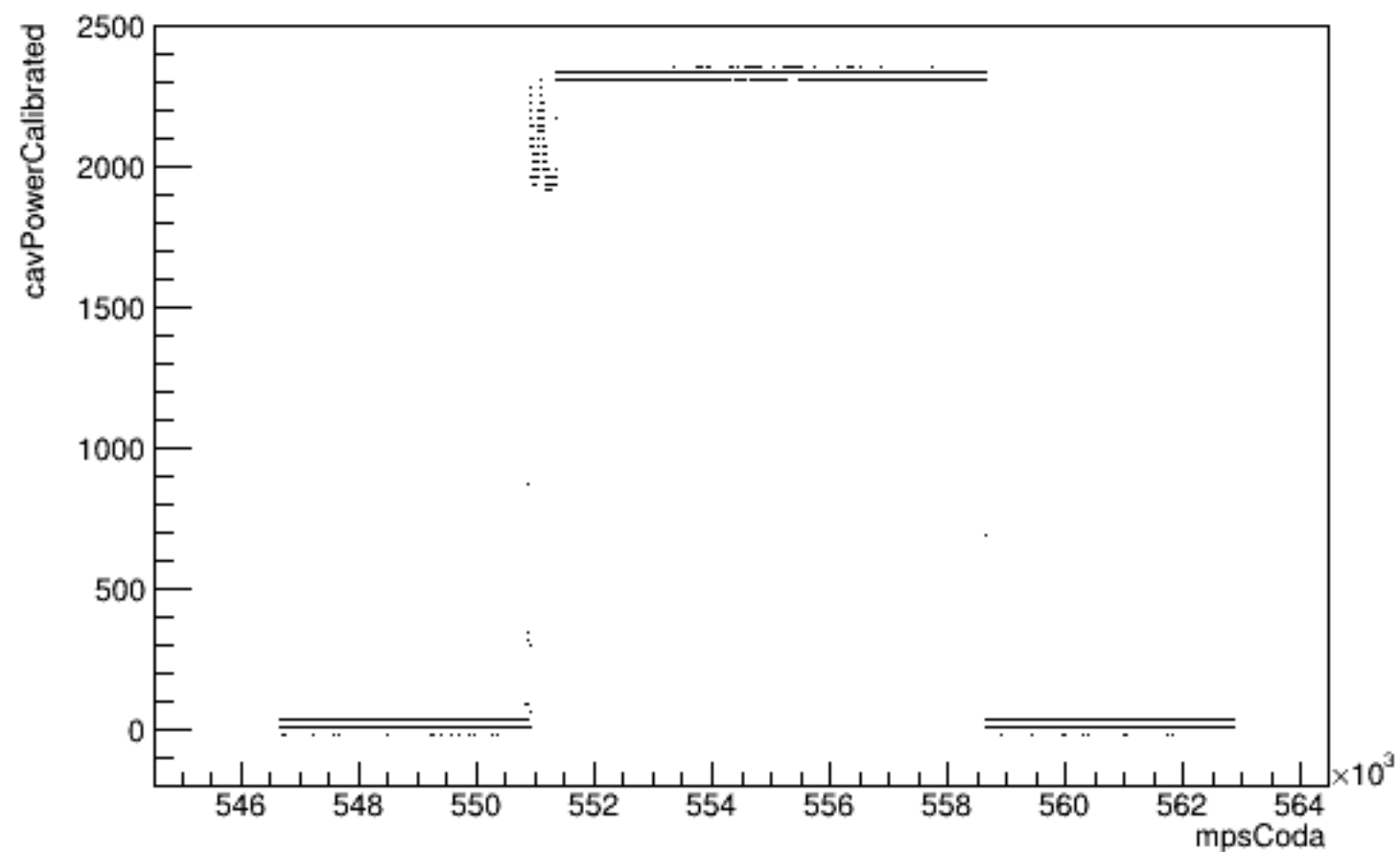
laserState:mpsCoda {mpsCoda>=546671 && mpsCoda<=562862}



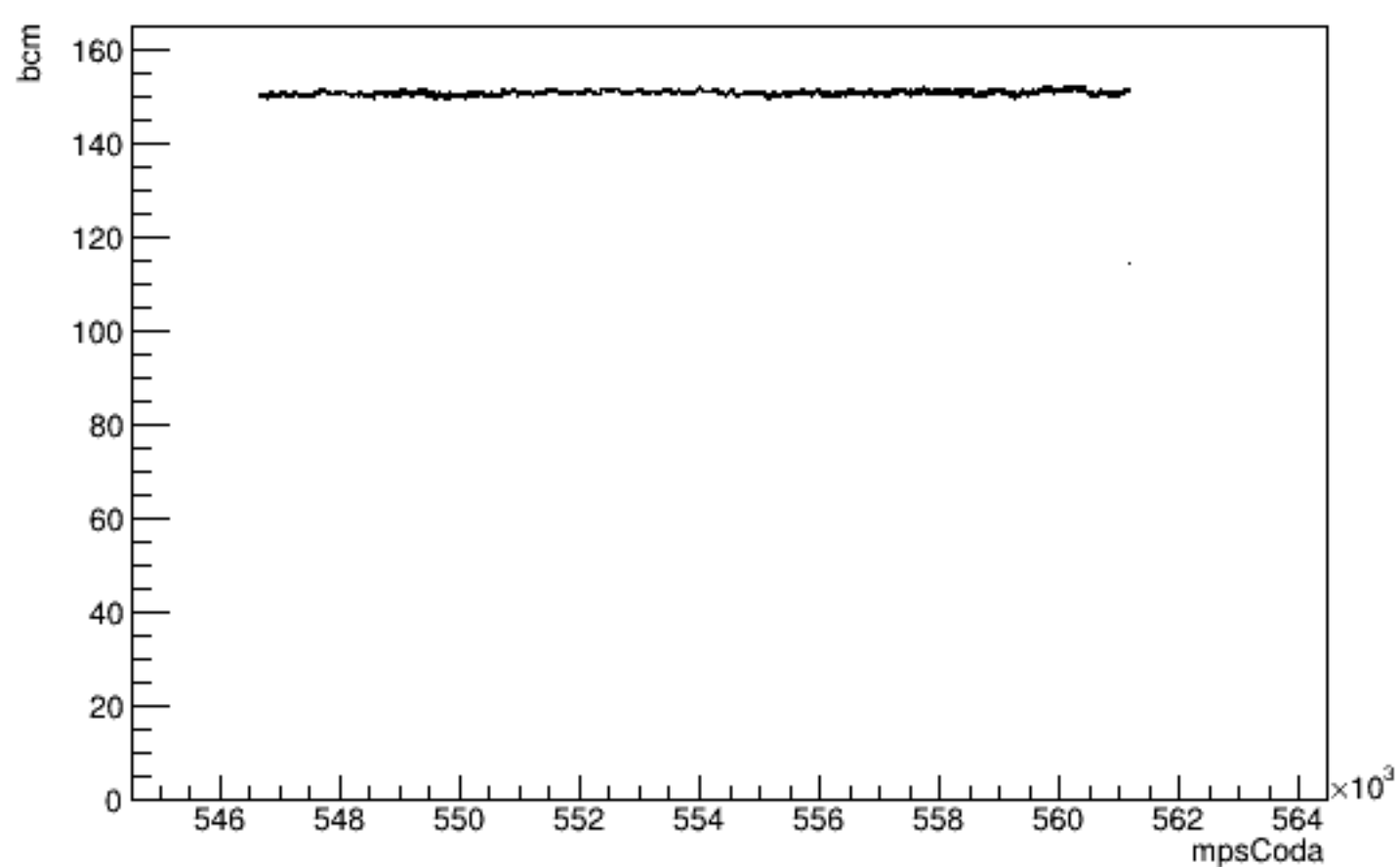
beamState + 1:mpsCoda {mpsCoda>=546671 && mpsCoda<=562862}



cavPowerCalibrated:mpsCoda {mpsCoda>=546671 && mpsCoda<=562862}



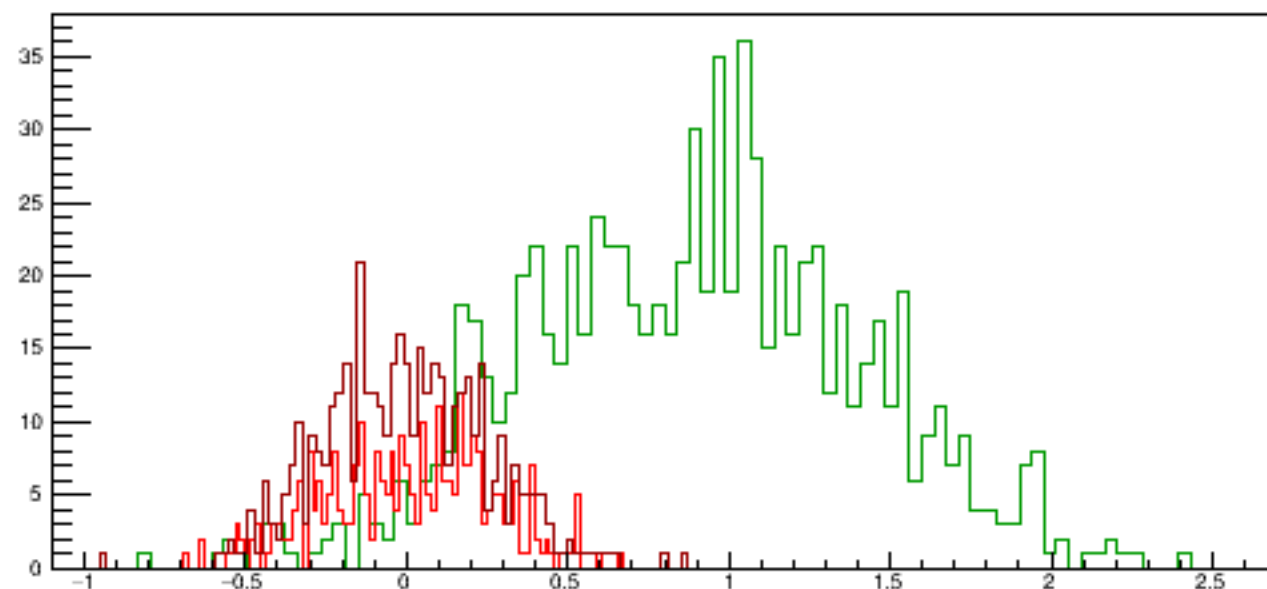
bcm:mpsCoda {mpsCoda>=546671 && mpsCoda<=562862}



Cycle 14, Diffs

Entries: 303	Entries: 841	Entries: 418
Mean: 0.0044 +/- 0.0149	Mean: 0.8870 +/- 0.0181	Mean: -0.0023 +/- 0.0124
Std Dev: 0.2601 +/- 0.0106	Std Dev: 0.5235 +/- 0.0128	Std Dev: 0.2540 +/- 0.0088

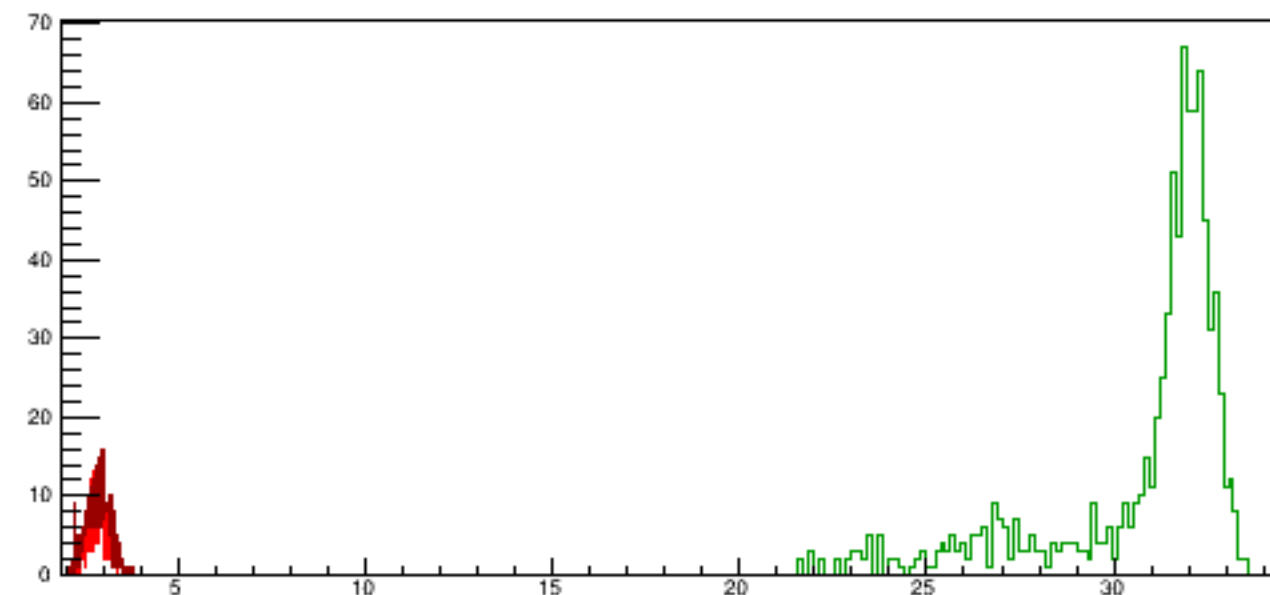
Run 5524 quartetwise, Diffs



Cycle 14, Sums

Entries: 303	Entries: 841	Entries: 418
Mean: 2.8576 +/- 0.0181	Mean: 30.8046 +/- 0.0851	Mean: 2.8410 +/- 0.0152
Std Dev: 0.3150 +/- 0.0128	Std Dev: 2.4687 +/- 0.0602	Std Dev: 0.3098 +/- 0.0107

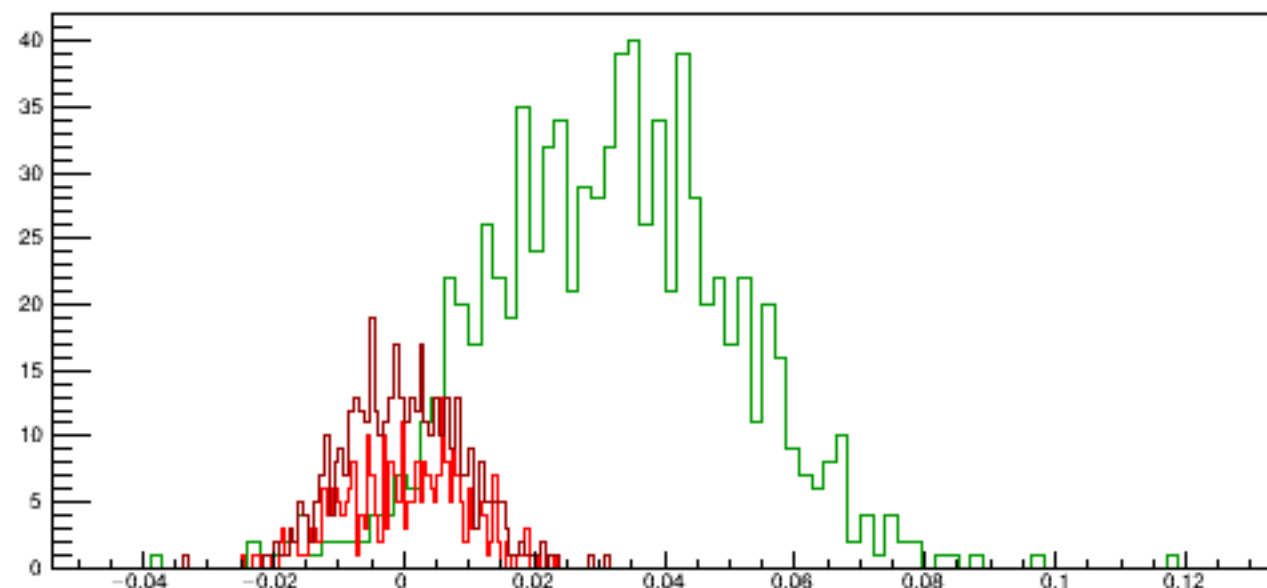
Run 5524 quartetwise, Sums



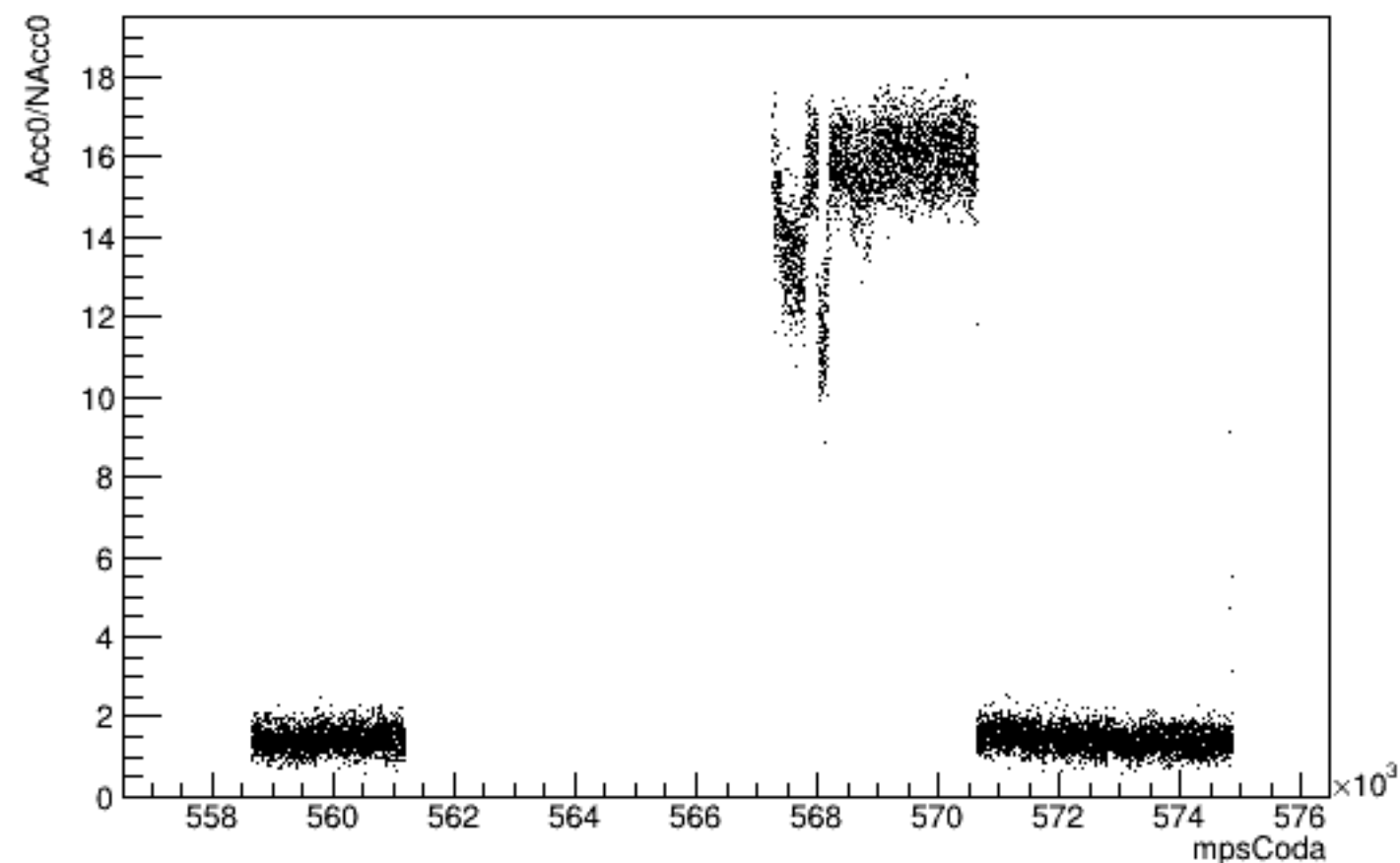
Cycle 14, Asyms

Entries: 303	Entries: 841	Entries: 418
Mean: 0.0002 +/- 0.0005	Mean: 0.0317 +/- 0.0007	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0093 +/- 0.0004	Std Dev: 0.0192 +/- 0.0005	Std Dev: 0.0091 +/- 0.0003

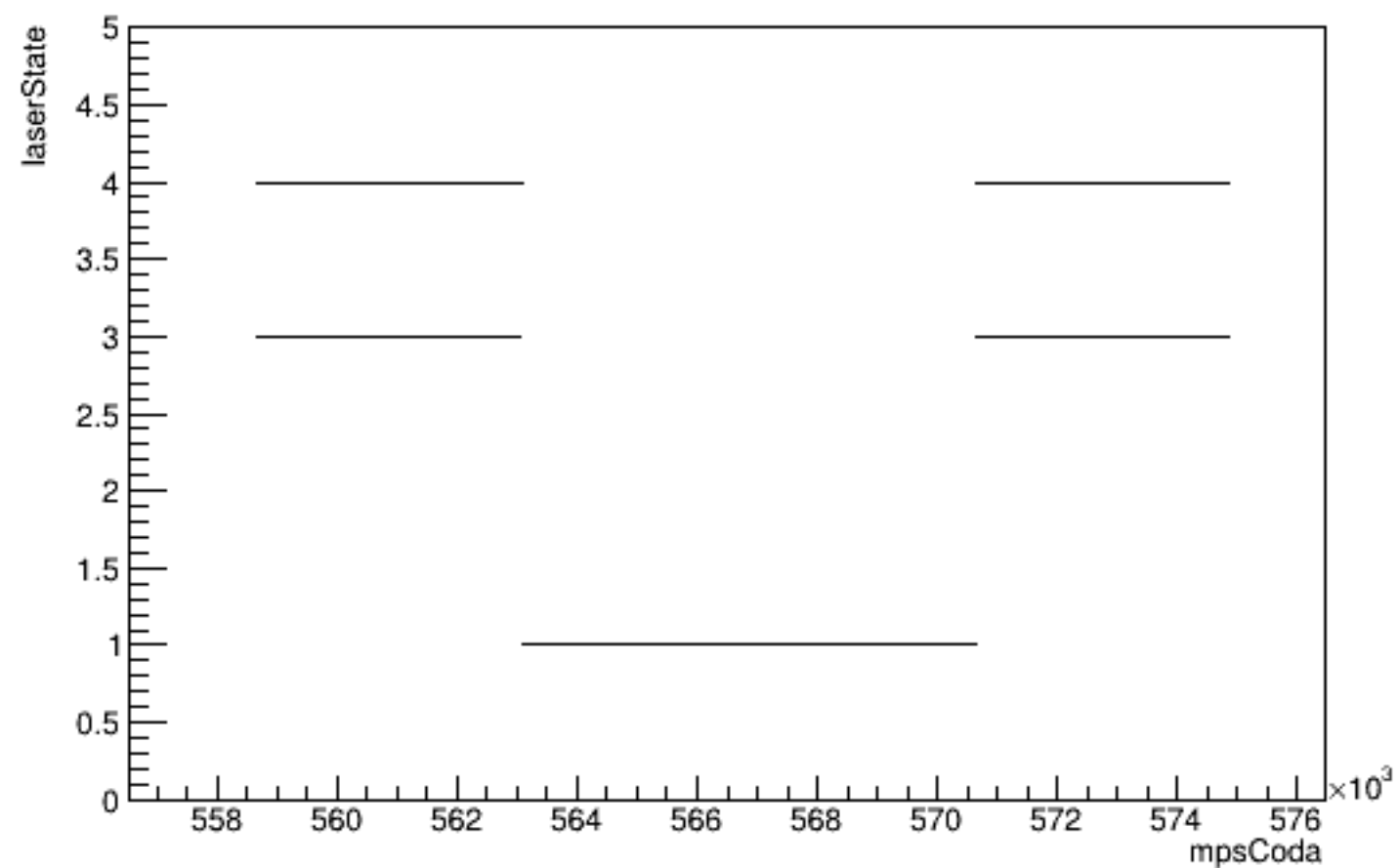
Run 5524 quartetwise, Asyms



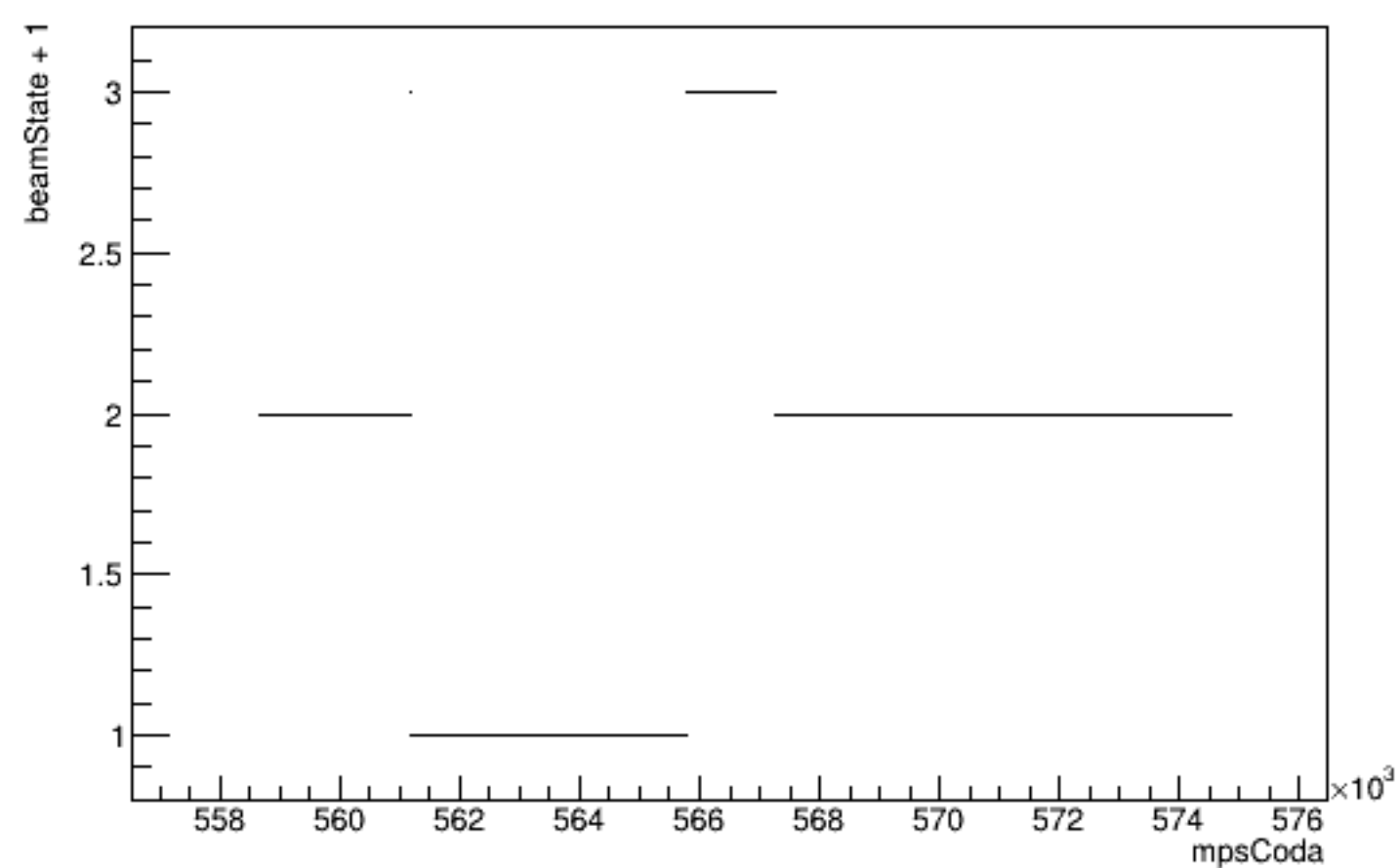
Acc0/NAcc0:mpsCoda (mpsCoda>=558655 && mpsCoda<=574866 && beamState==1)



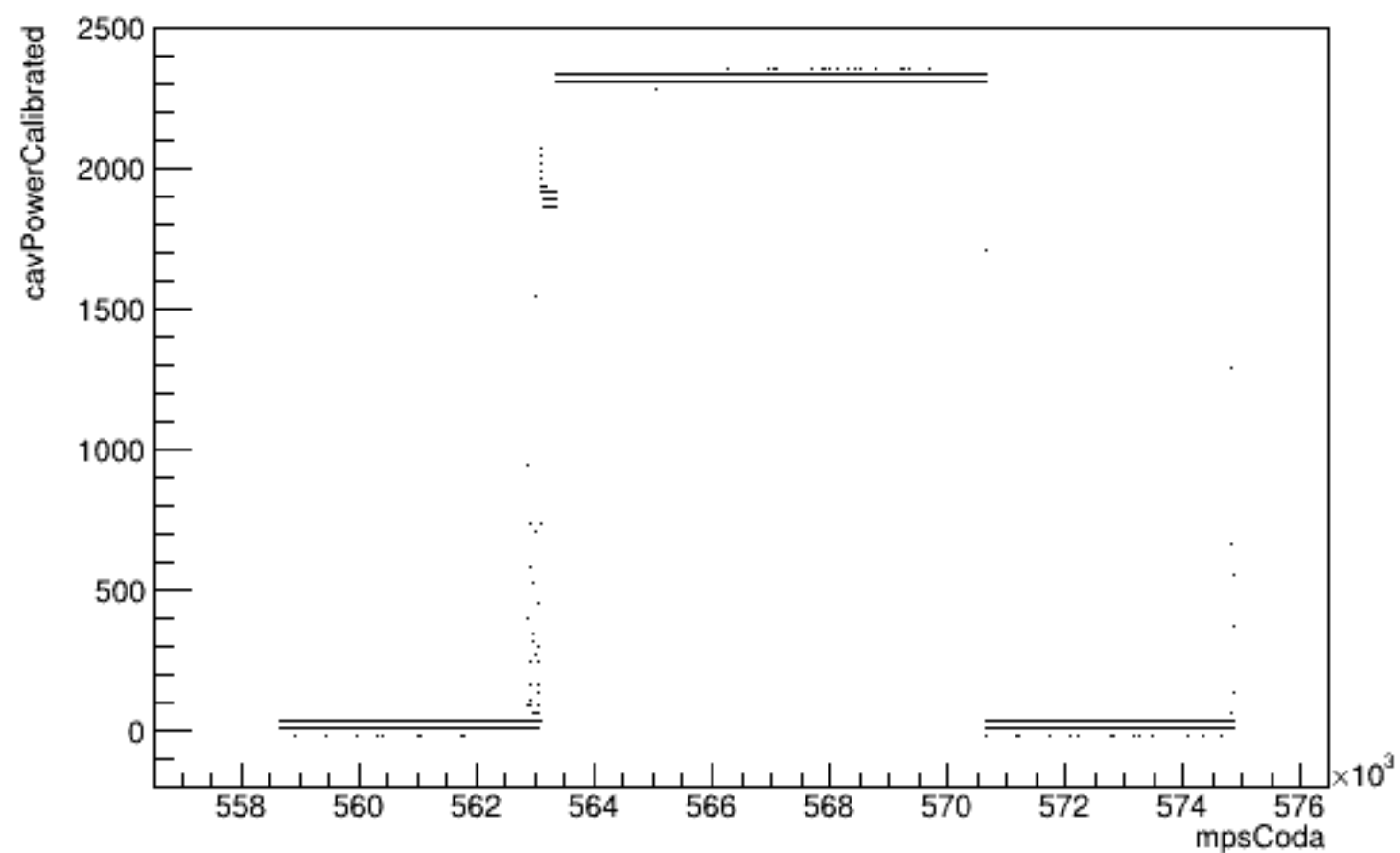
laserState:mpsCoda {mpsCoda>=558655 && mpsCoda<=574866}



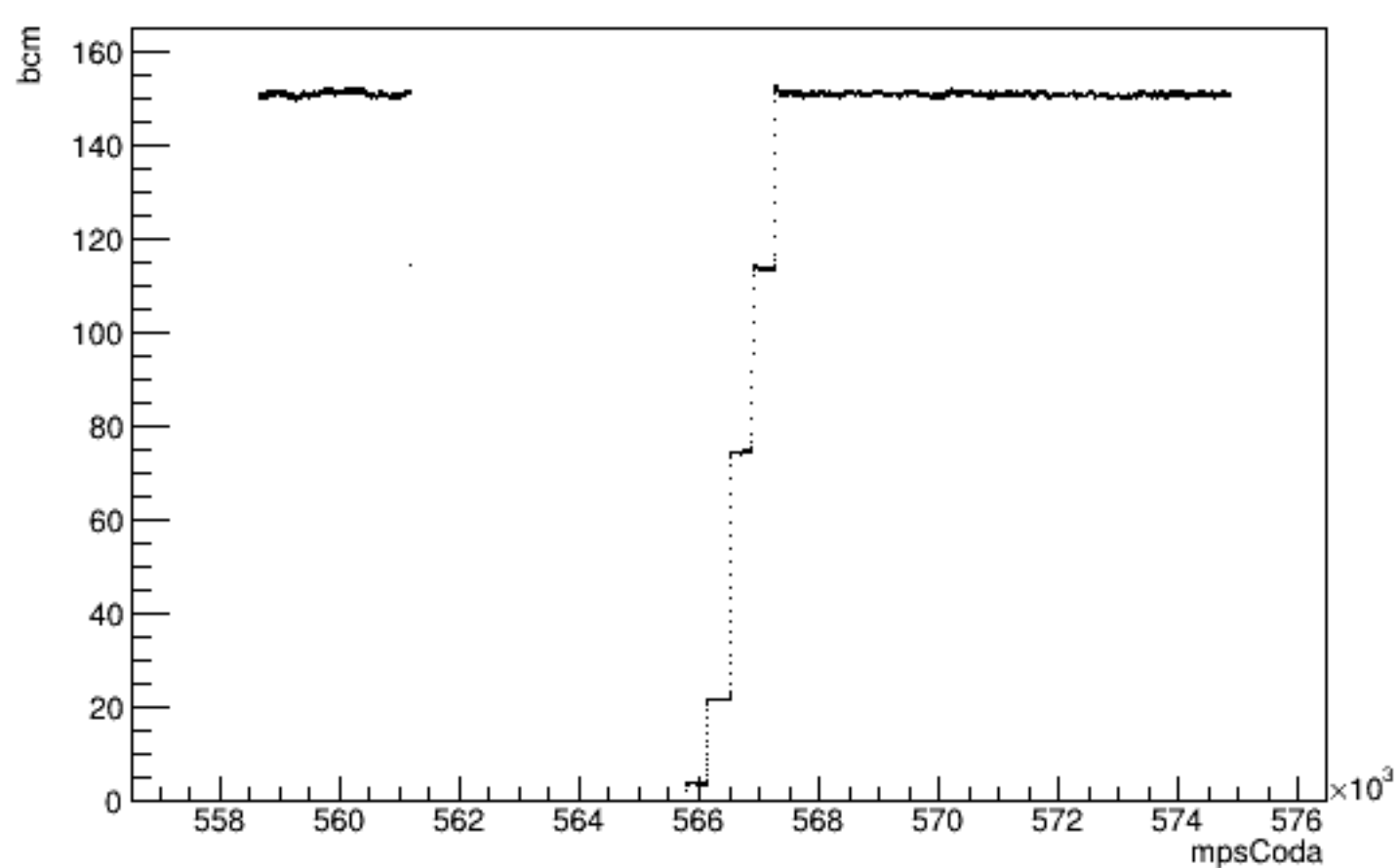
beamState + 1:mpsCoda {mpsCoda>=558655 && mpsCoda<=574866}



cavPowerCalibrated:mpsCoda {mpsCoda>=558655 && mpsCoda<=574866}



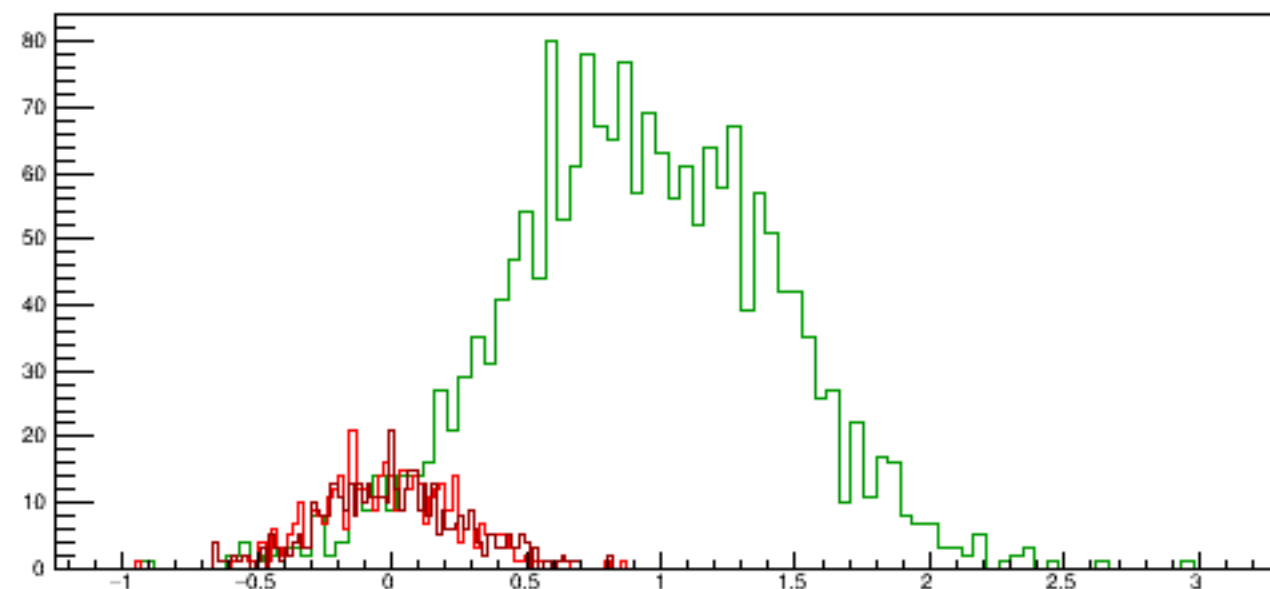
bcm:mpsCoda {mpsCoda>=558655 && mpsCoda<=574866}



Cycle 15, Diffs

Entries: 418	Entries: 1917	Entries: 472
Mean: -0.0023 +/- 0.0124	Mean: 0.9191 +/- 0.0115	Mean: 0.0052 +/- 0.0122
Std Dev: 0.2540 +/- 0.0088	Std Dev: 0.5035 +/- 0.0081	Std Dev: 0.2642 +/- 0.0086

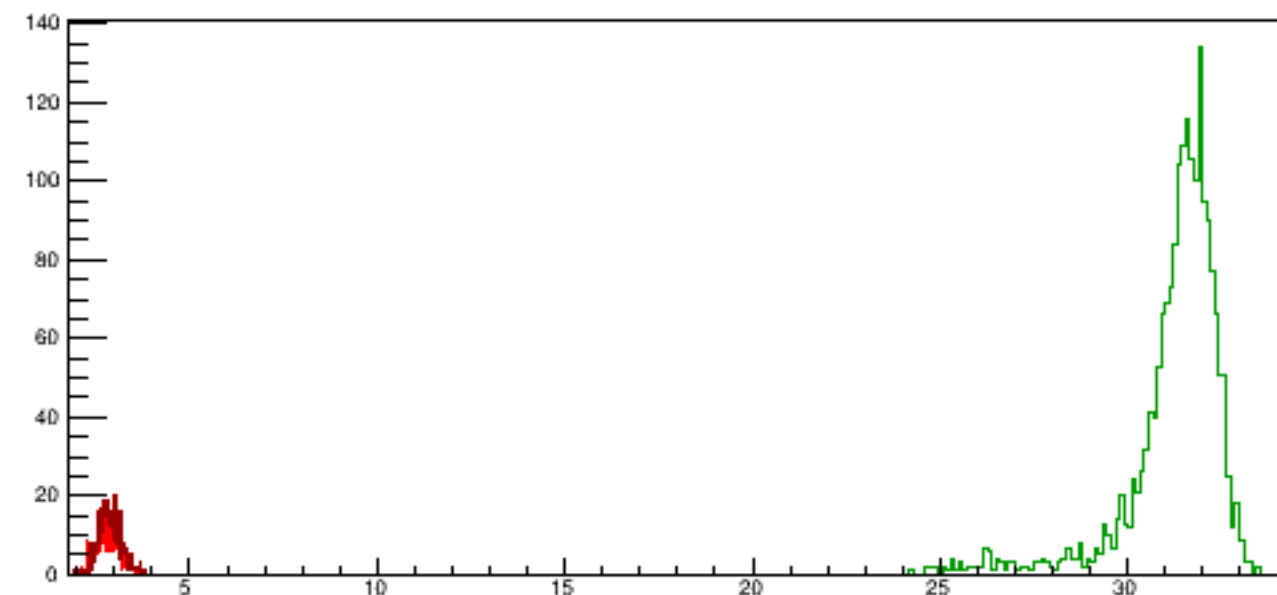
Run 5524 quartetwise, Diffs



Cycle 15, Sums

Entries: 418	Entries: 1917	Entries: 472
Mean: 2.8410 +/- 0.0152	Mean: 31.2454 +/- 0.0300	Mean: 2.8997 +/- 0.0137
Std Dev: 0.3098 +/- 0.0107	Std Dev: 1.3147 +/- 0.0212	Std Dev: 0.2971 +/- 0.0097

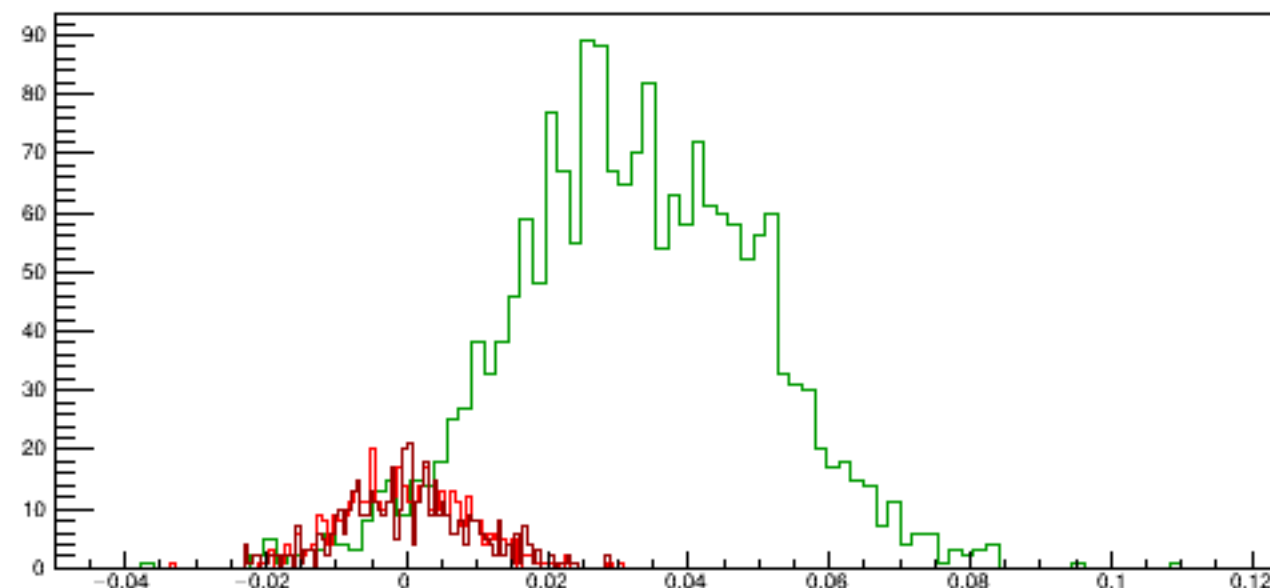
Run 5524 quartetwise, Sums



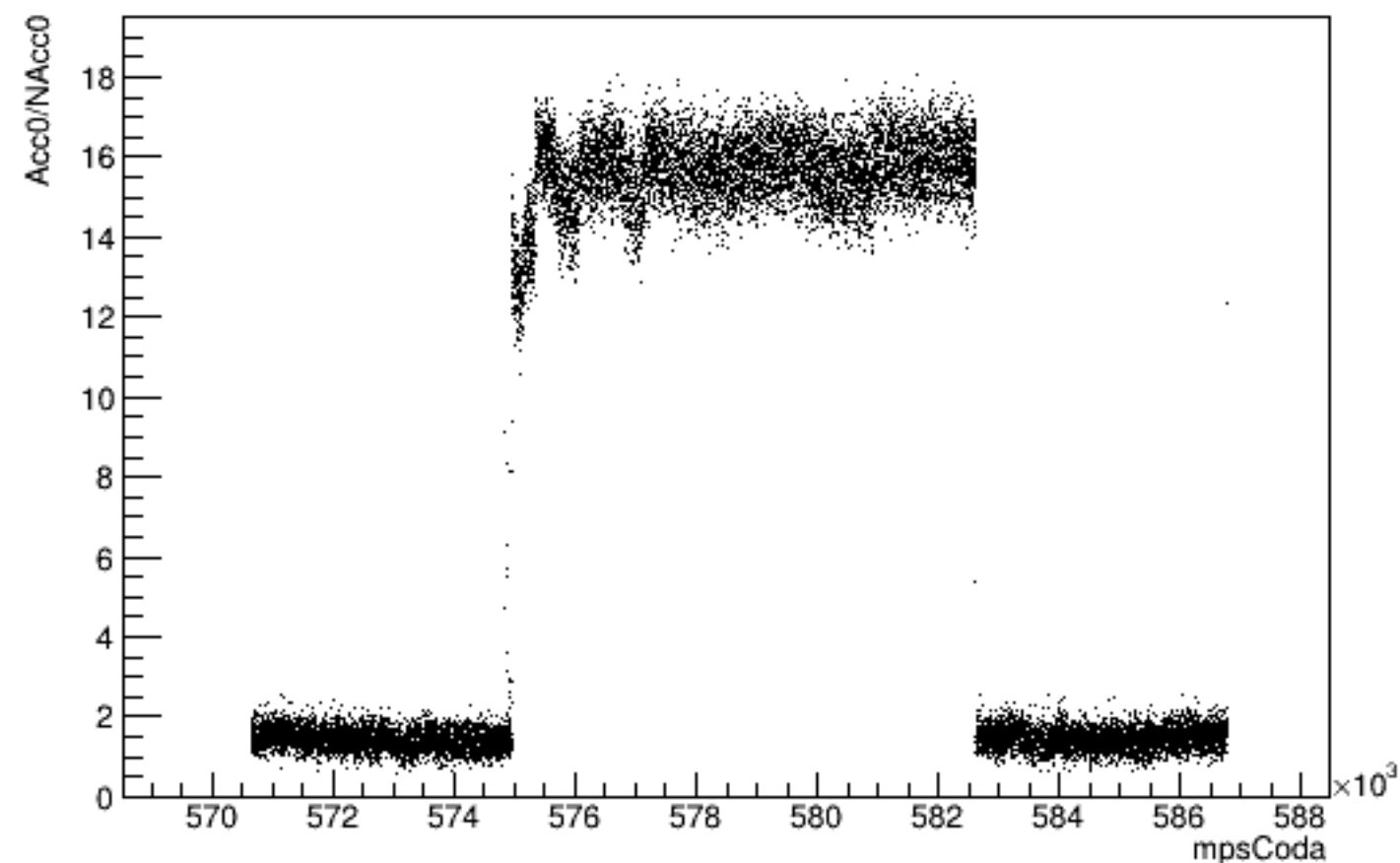
Cycle 15, Asyms

Entries: 418	Entries: 1917	Entries: 472
Mean: -0.0001 +/- 0.0004	Mean: 0.0324 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0090 +/- 0.0003	Std Dev: 0.0179 +/- 0.0003	Std Dev: 0.0093 +/- 0.0003

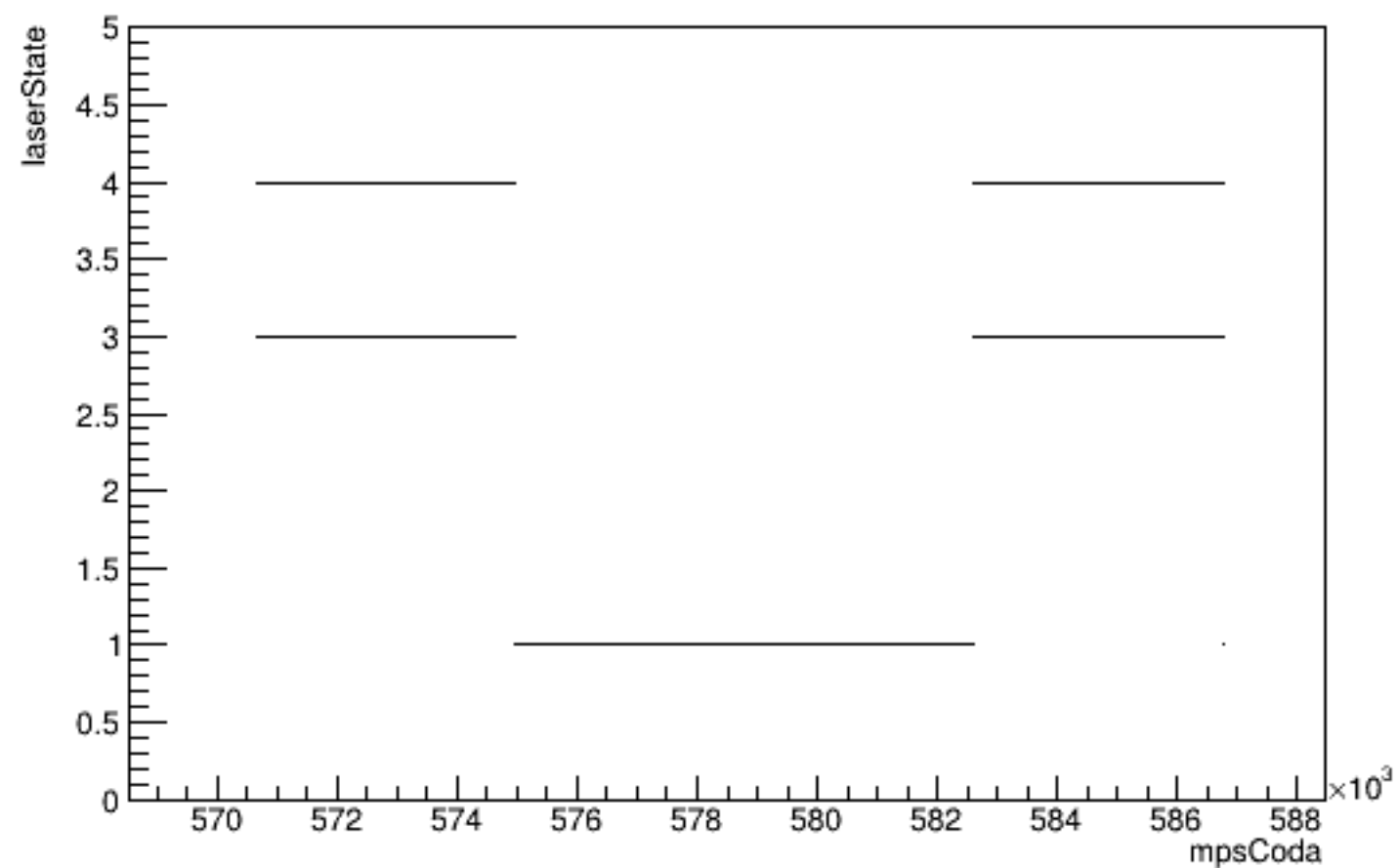
Run 5524 quartetwise, Asyms



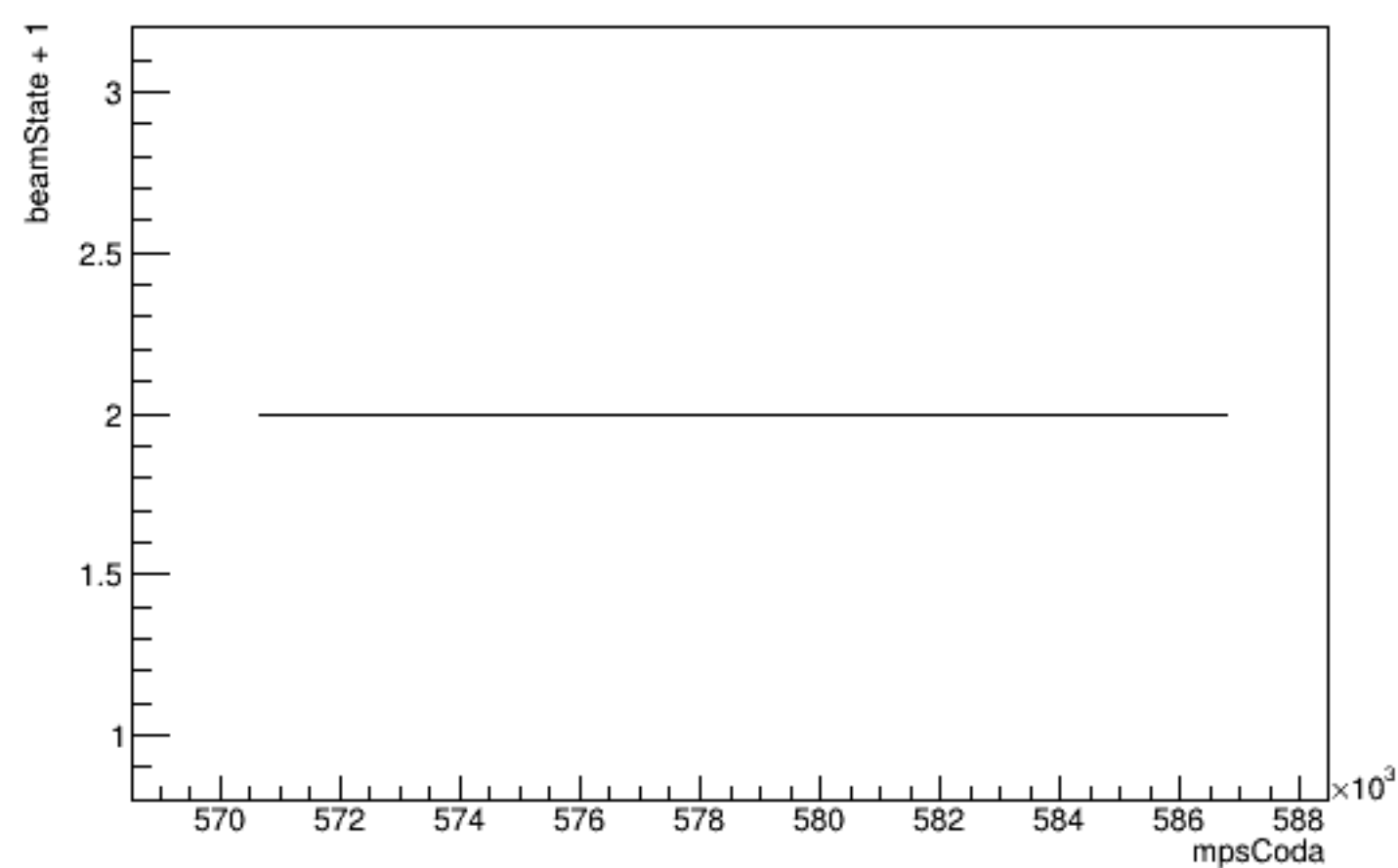
Acc0/NAcc0:mpsCoda (mpsCoda>=570643 && mpsCoda<=586786 && beamState==1)



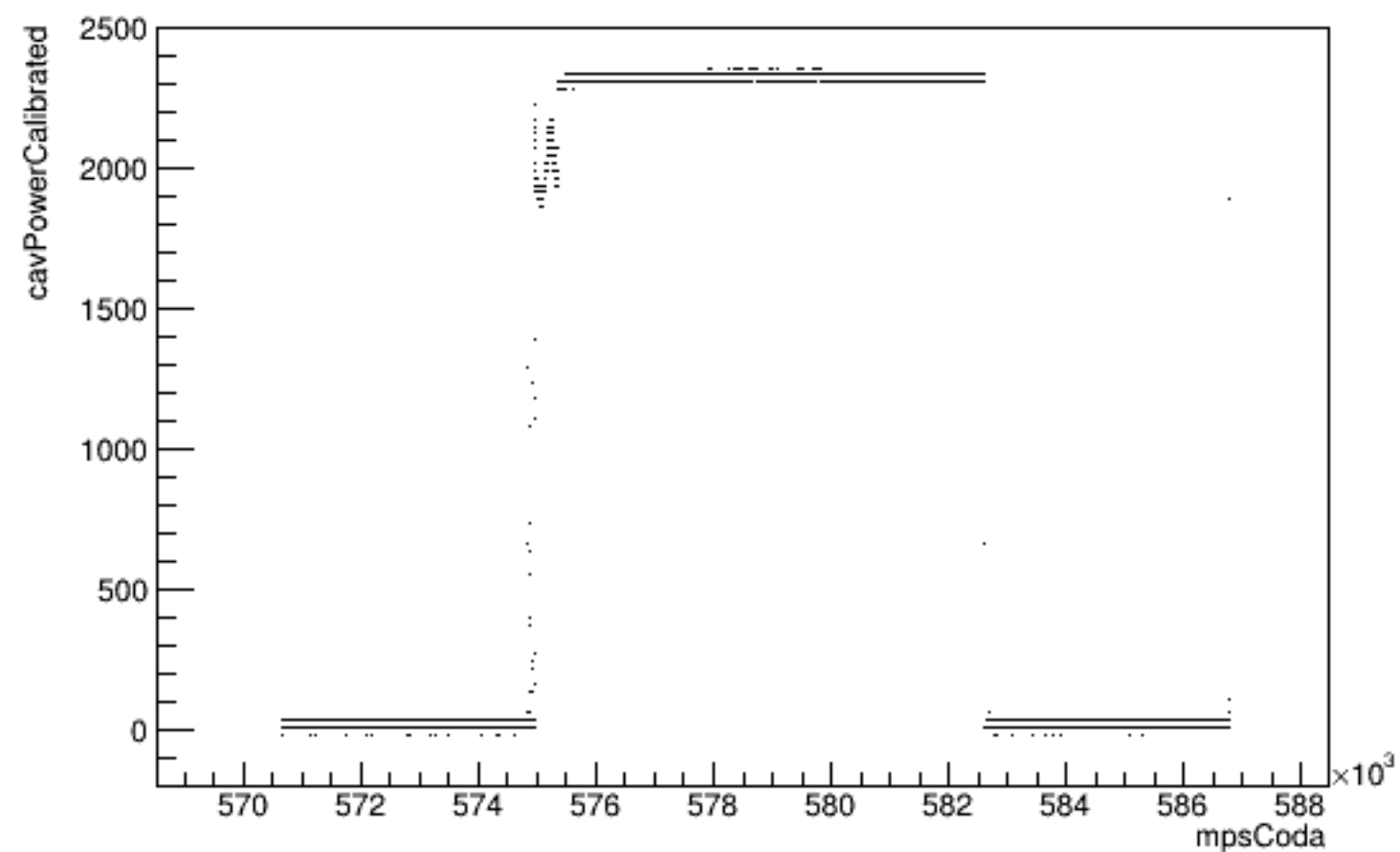
laserState:mpsCoda {mpsCoda>=570643 && mpsCoda<=586786}



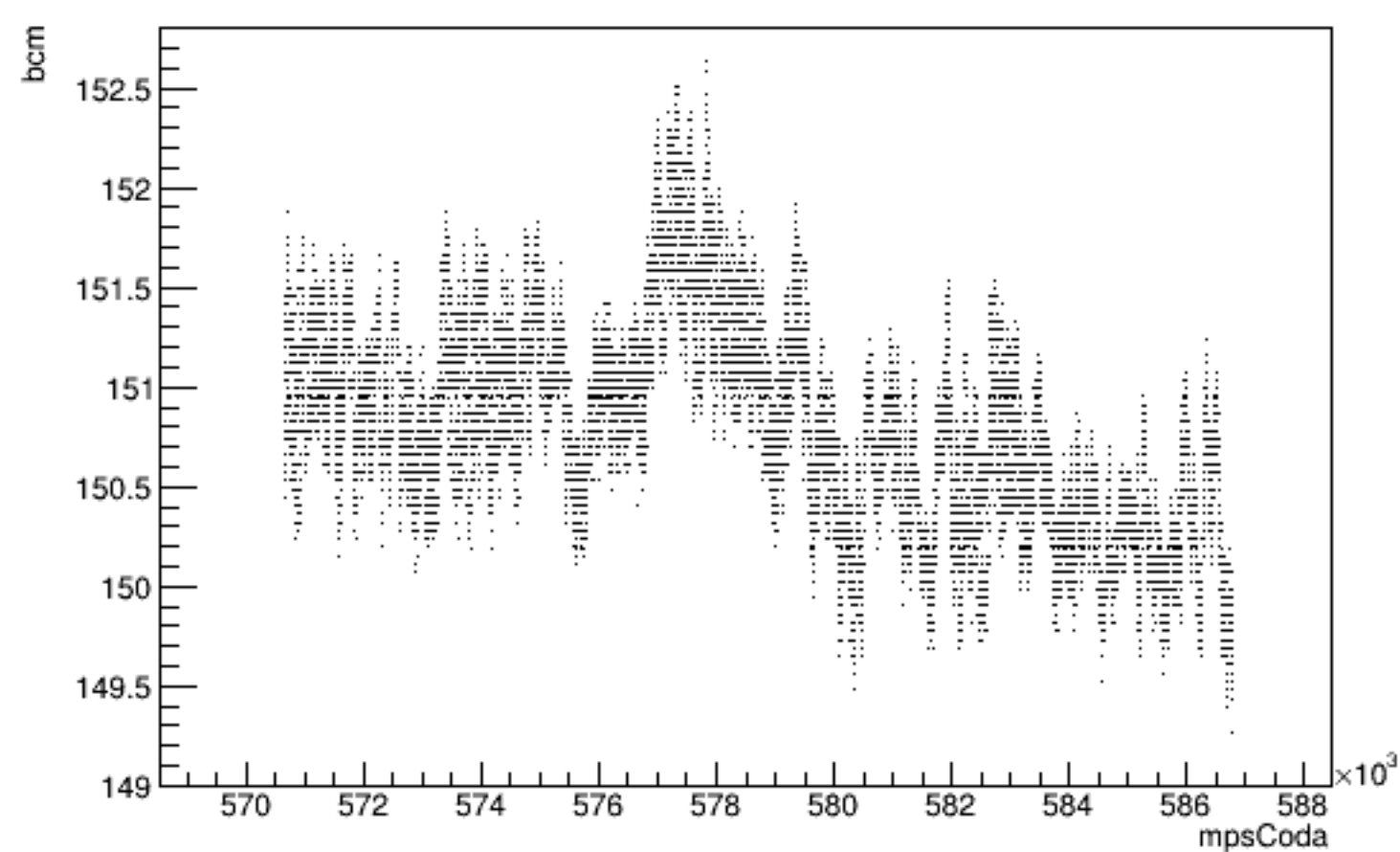
beamState + 1:mpsCoda {mpsCoda>=570643 && mpsCoda<=586786}



cavPowerCalibrated:mpsCoda {mpsCoda>=570643 && mpsCoda<=586786}



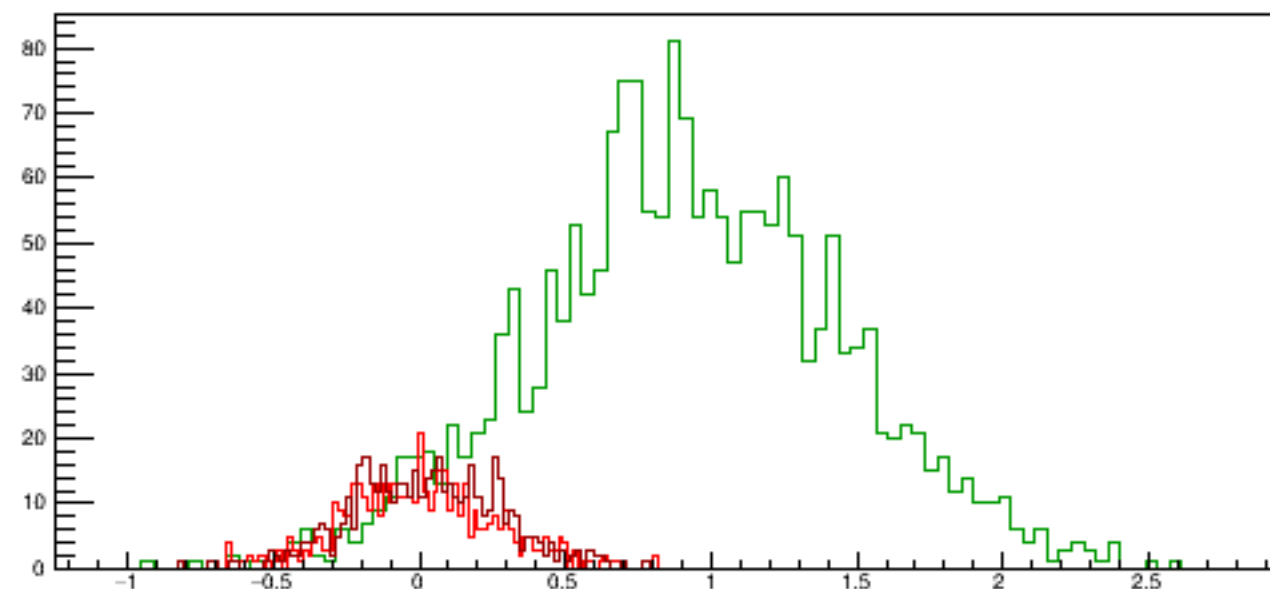
bcm:mpsCoda {mpsCoda>=570643 && mpsCoda<=586786}



Cycle 16, Diffs

Entries: 472	Entries: 1956	Entries: 481
Mean: 0.0052 +/- 0.0122	Mean: 0.9136 +/- 0.0119	Mean: 0.0233 +/- 0.0116
Std Dev: 0.2642 +/- 0.0086	Std Dev: 0.5276 +/- 0.0084	Std Dev: 0.2538 +/- 0.0082

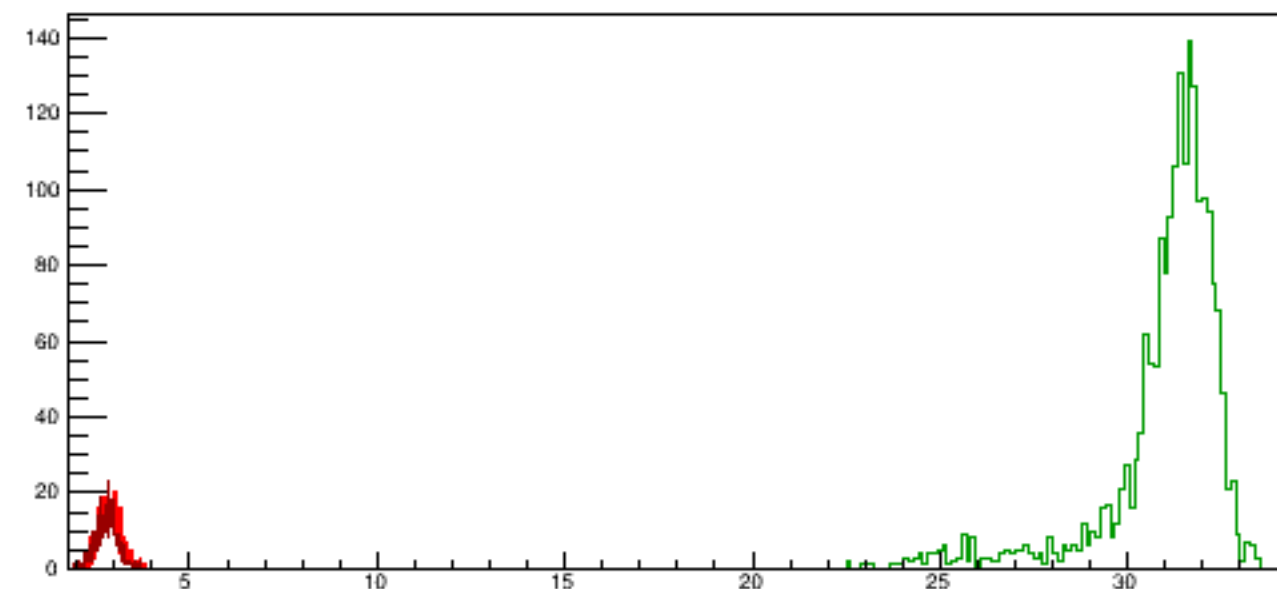
Run 5524 quartetwise, Diffs



Cycle 16, Sums

Entries: 472	Entries: 1956	Entries: 481
Mean: 2.8997 +/- 0.0137	Mean: 30.9986 +/- 0.0364	Mean: 2.7816 +/- 0.0128
Std Dev: 0.2971 +/- 0.0097	Std Dev: 1.6099 +/- 0.0257	Std Dev: 0.2801 +/- 0.0090

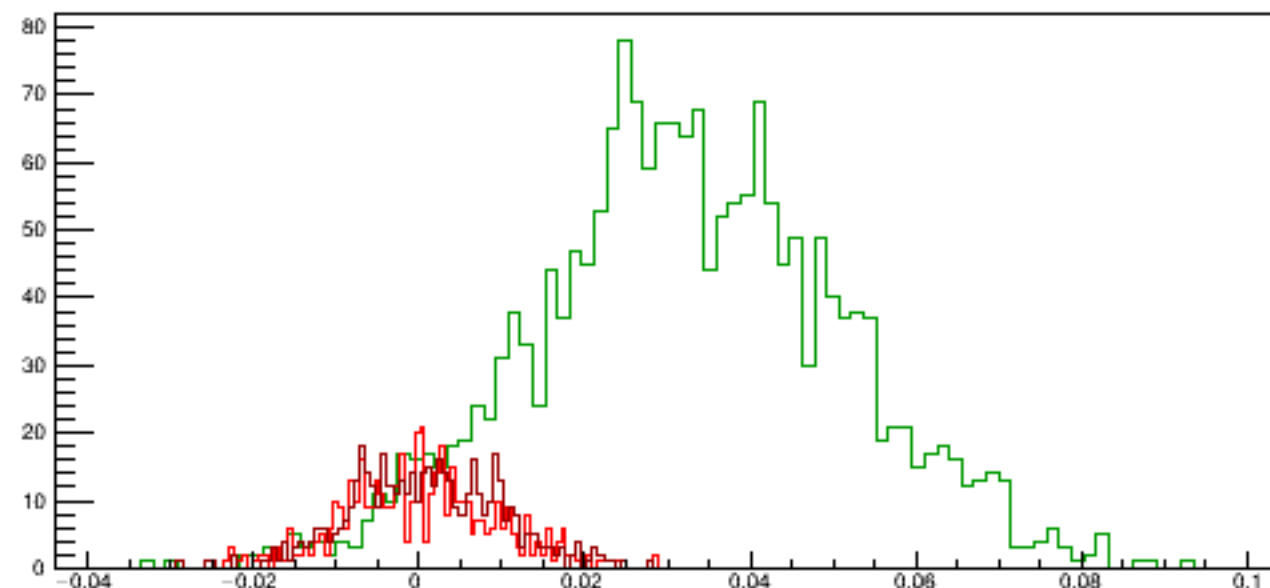
Run 5524 quartetwise, Sums



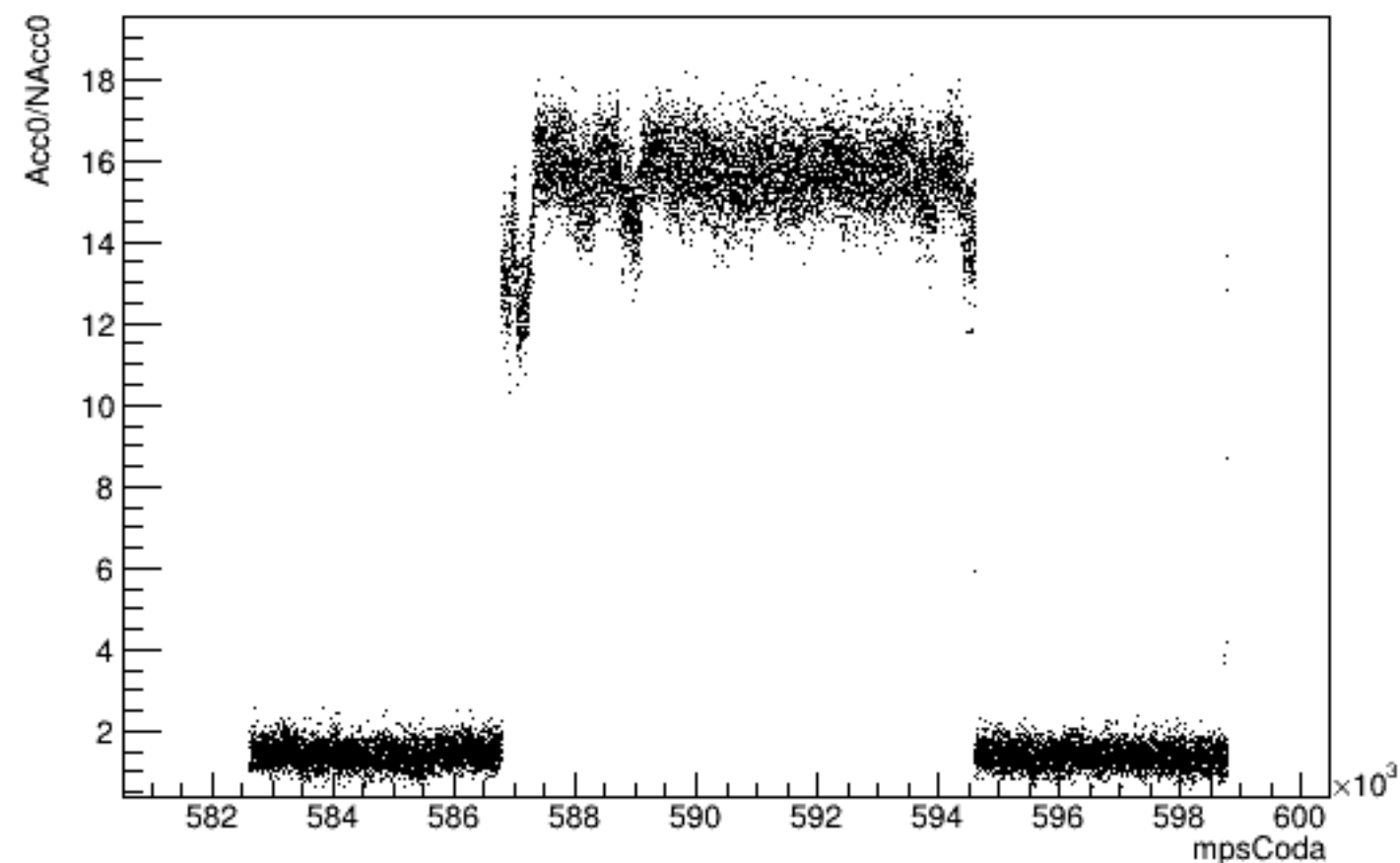
Cycle 16, Asyms

Entries: 472	Entries: 1956	Entries: 481
Mean: 0.0002 +/- 0.0004	Mean: 0.0324 +/- 0.0004	Mean: 0.0008 +/- 0.0004
Std Dev: 0.0094 +/- 0.0003	Std Dev: 0.0187 +/- 0.0003	Std Dev: 0.0090 +/- 0.0003

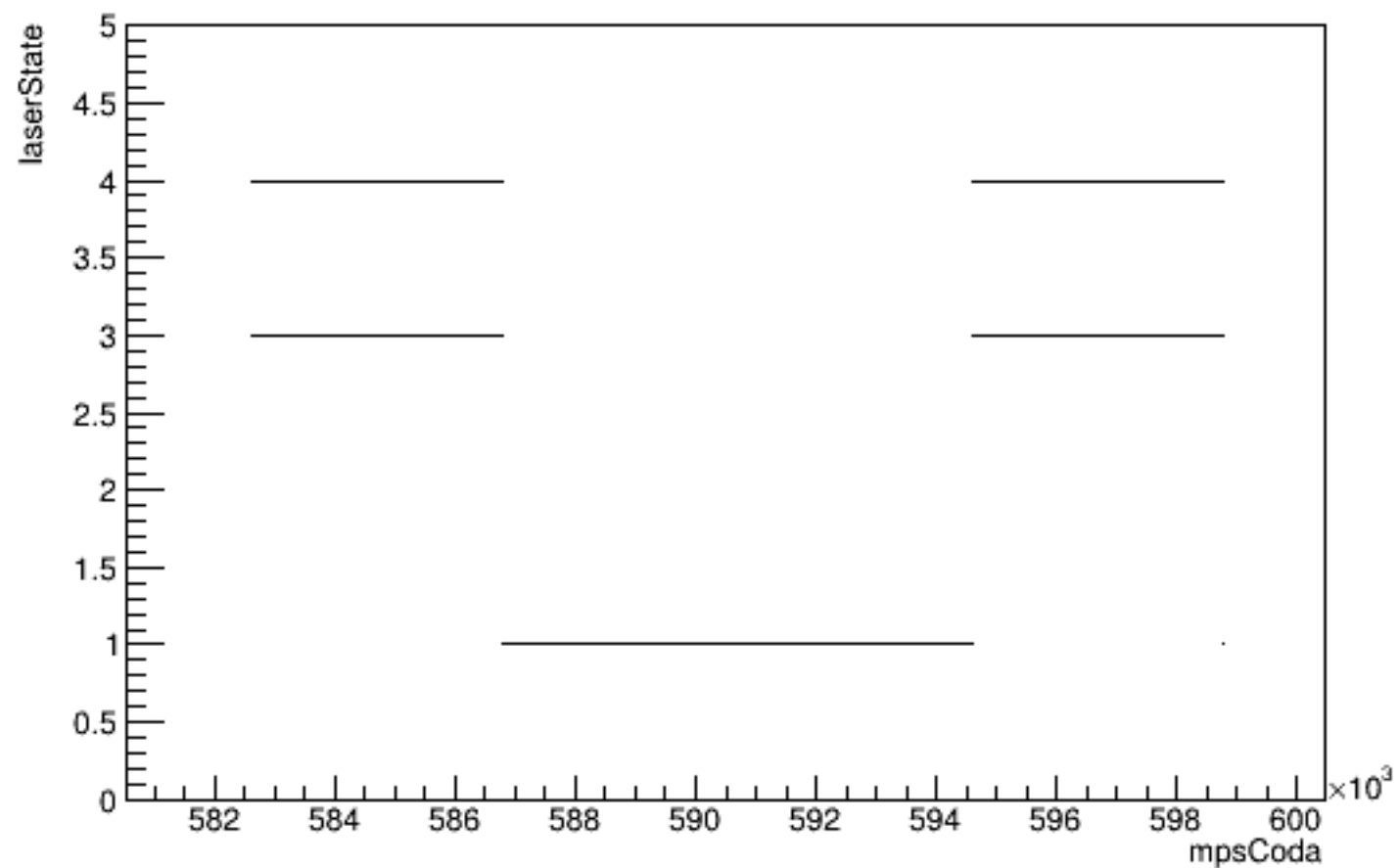
Run 5524 quartetwise, Asyms



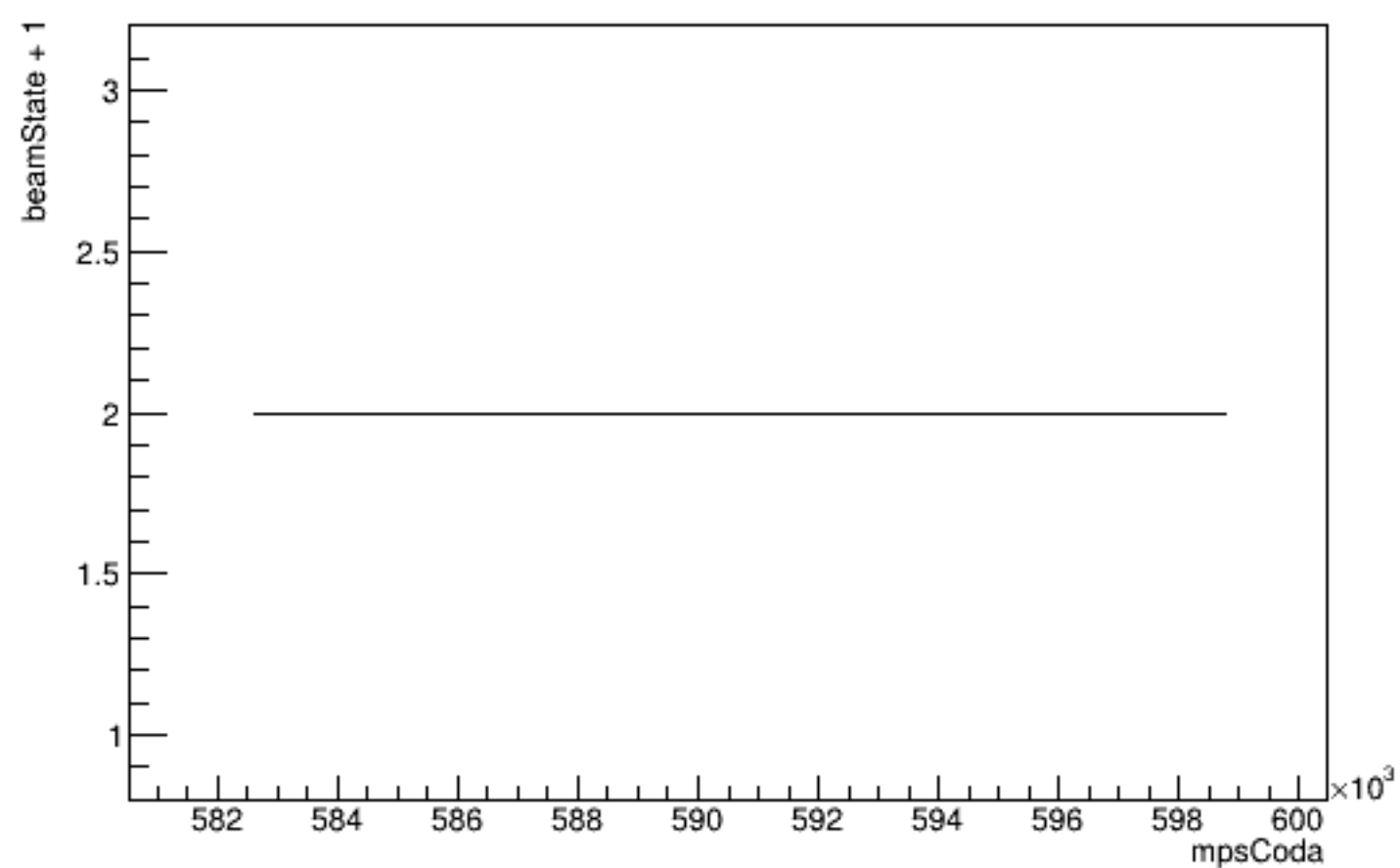
Acc0/NAcc0:mpsCoda (mpsCoda>=582631 && mpsCoda<=598786 && beamState==1)



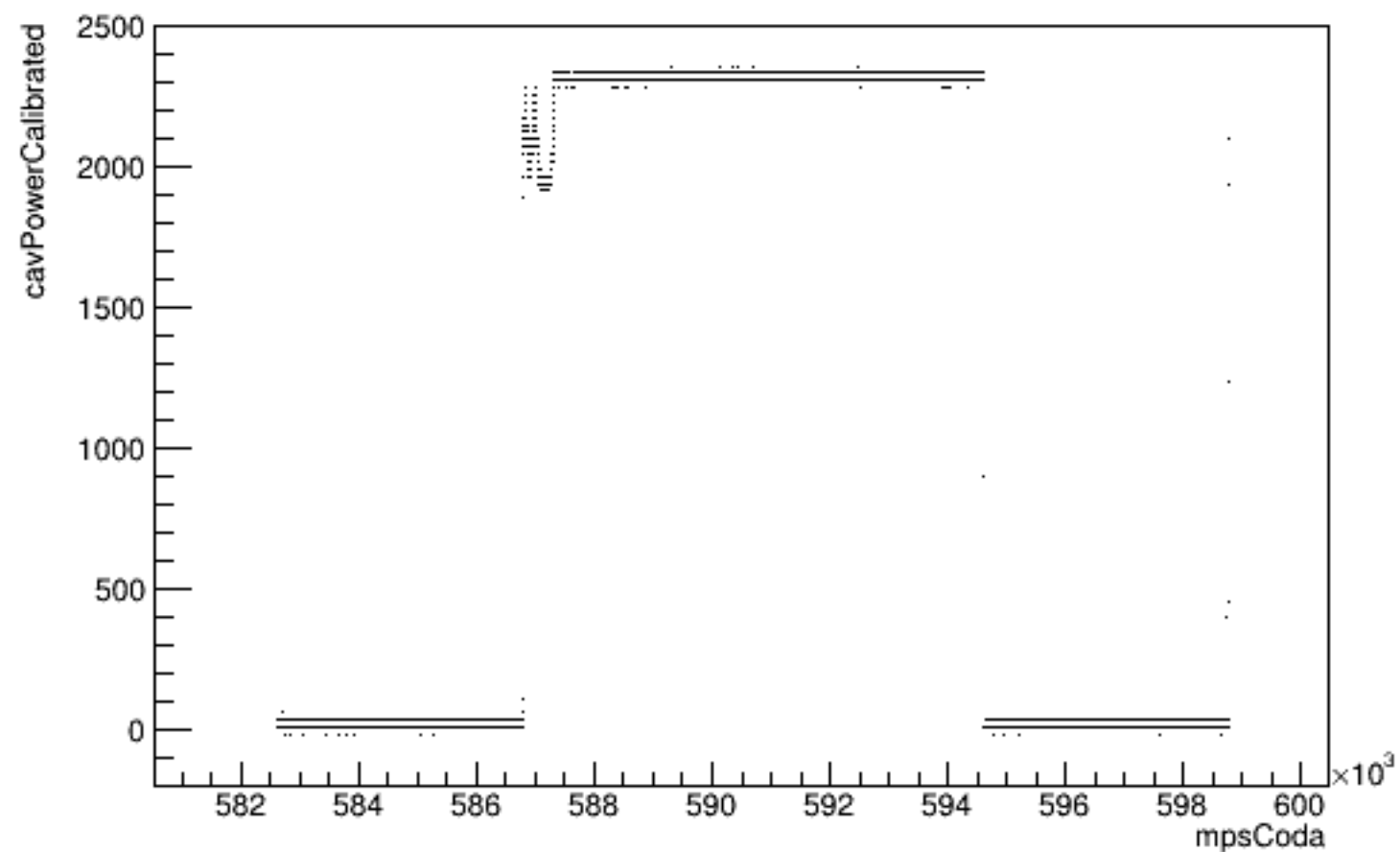
laserState:mpsCoda {mpsCoda>=582631 && mpsCoda<=598786}



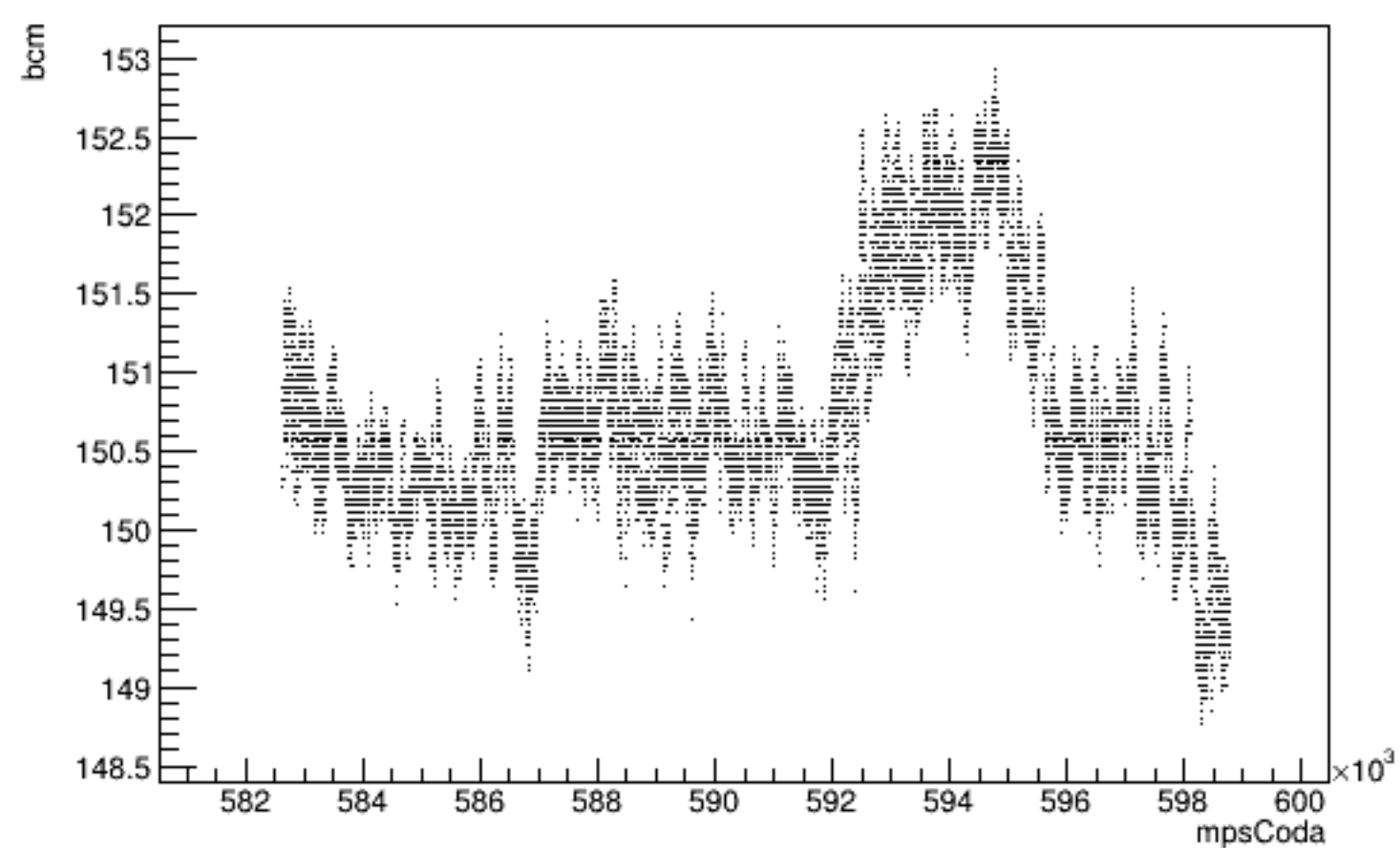
beamState + 1:mpsCoda {mpsCoda>=582631 && mpsCoda<=598786}



cavPowerCalibrated:mpsCoda {mpsCoda>=582631 && mpsCoda<=598786}



bcm:mpsCoda {mpsCoda>=582631 && mpsCoda<=598786}



Cycle 17, Diffs

Entries: 481

Mean: 0.0233 +/- 0.0116

Std Dev: 0.2538 +/- 0.0082

Entries: 1953

Mean: 0.8759 +/- 0.0111

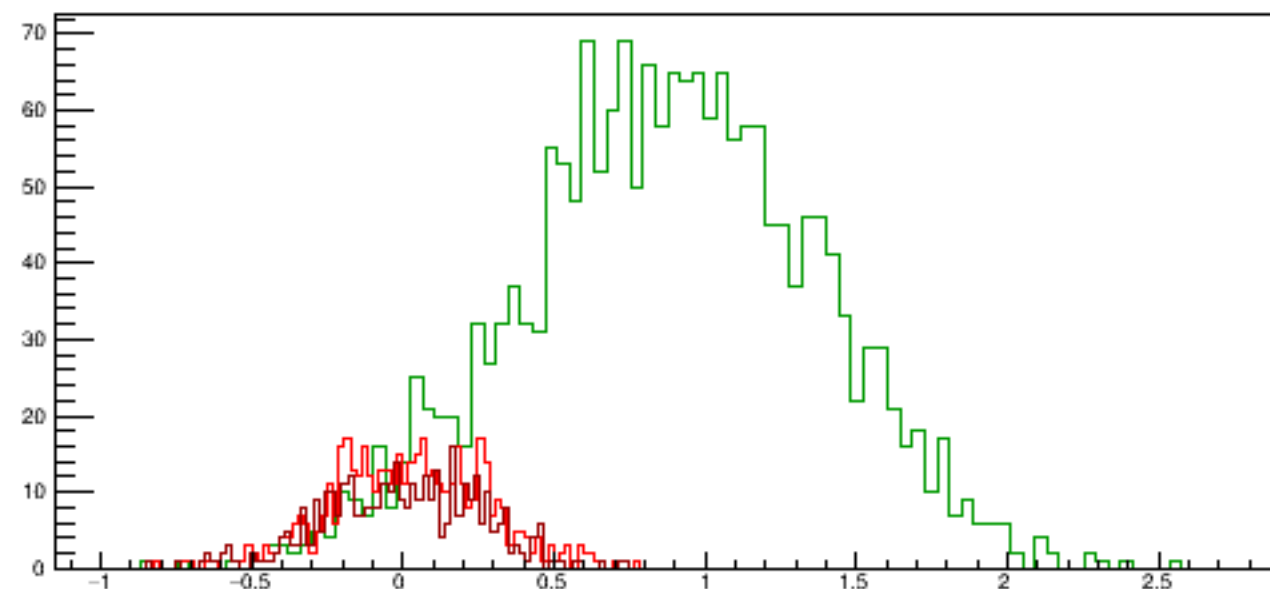
Std Dev: 0.4919 +/- 0.0079

Entries: 380

Mean: -0.0032 +/- 0.0134

Std Dev: 0.2619 +/- 0.0095

Run 5524 quartetwise, Diffs



Cycle 17, Sums

Entries: 481

Mean: 2.7816 +/- 0.0128

Std Dev: 0.2801 +/- 0.0090

Entries: 1953

Mean: 30.8189 +/- 0.0301

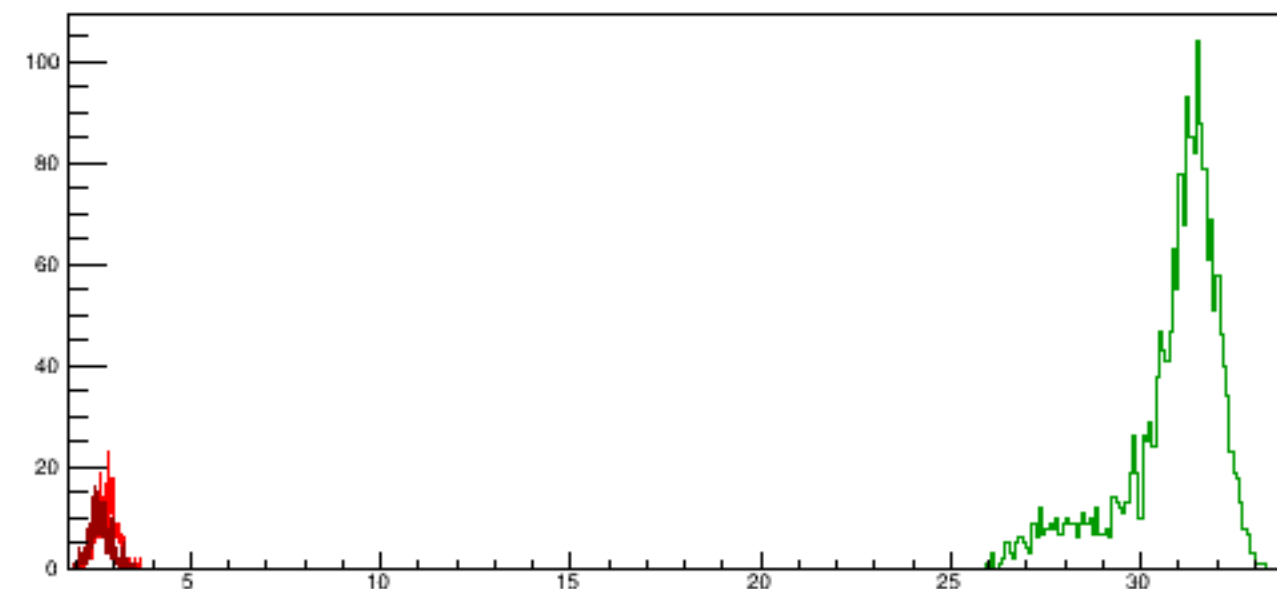
Std Dev: 1.3309 +/- 0.0213

Entries: 380

Mean: 2.6464 +/- 0.0149

Std Dev: 0.2898 +/- 0.0105

Run 5524 quartetwise, Sums



Cycle 17, Asyms

Entries: 481

Mean: 0.0008 +/- 0.0004

Std Dev: 0.0090 +/- 0.0003

Entries: 1953

Mean: 0.0311 +/- 0.0004

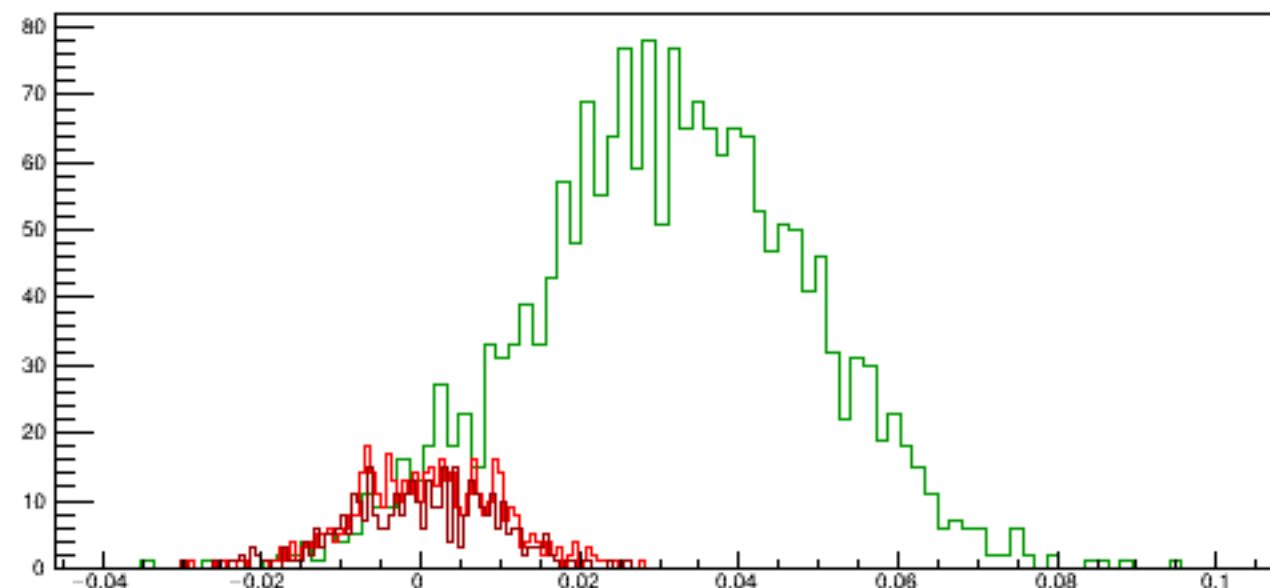
Std Dev: 0.0175 +/- 0.0003

Entries: 380

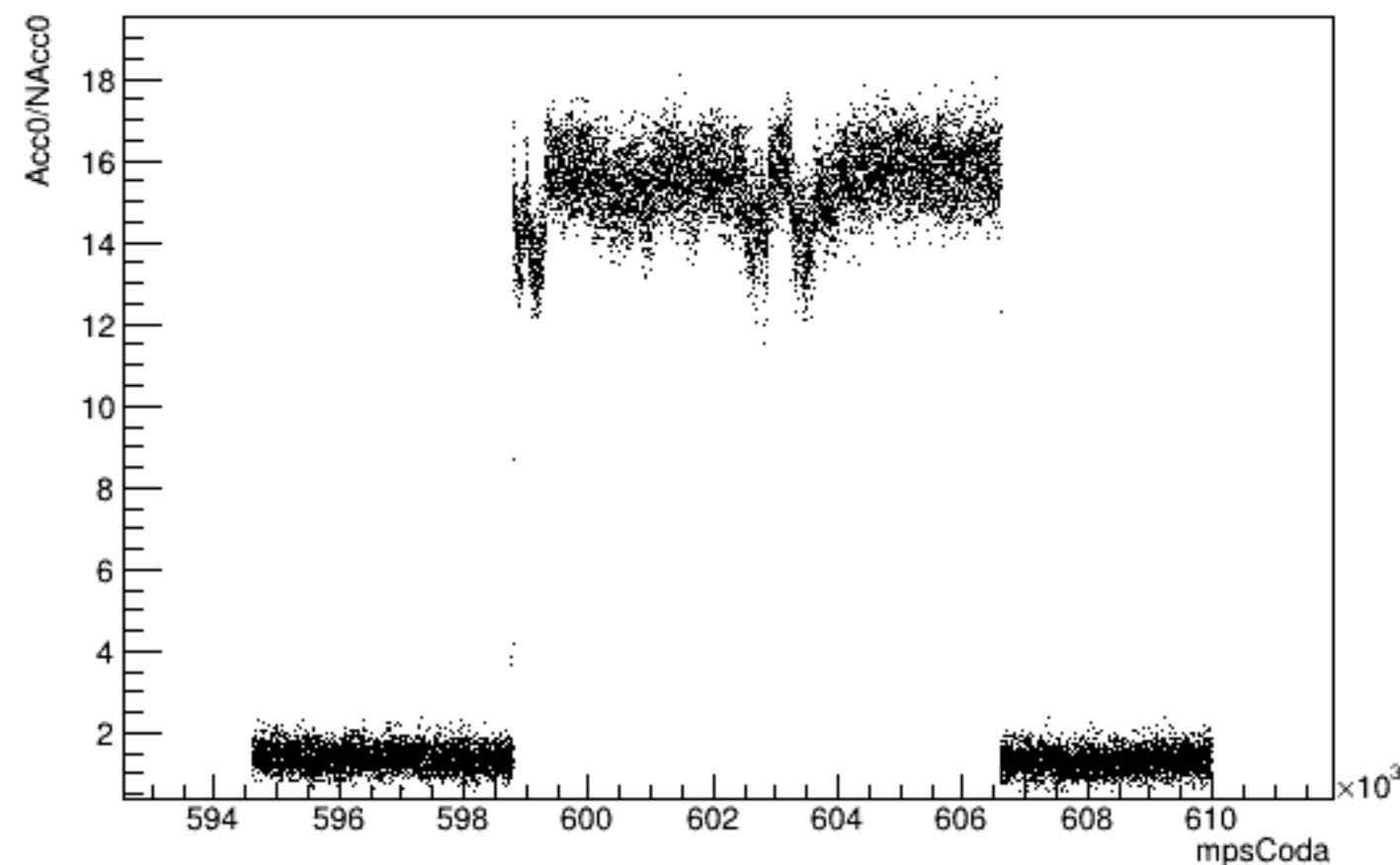
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0093 +/- 0.0003

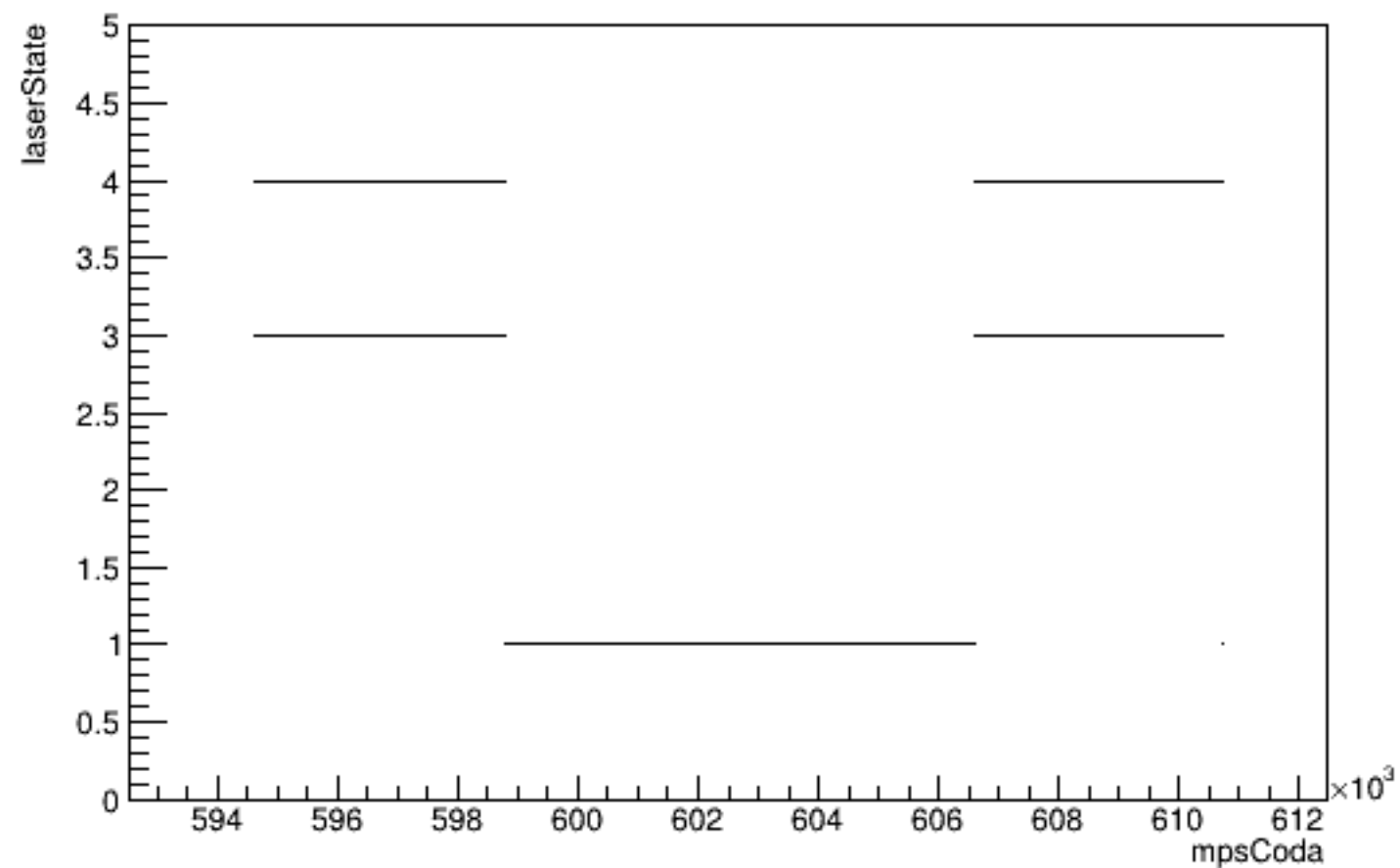
Run 5524 quartetwise, Asyms



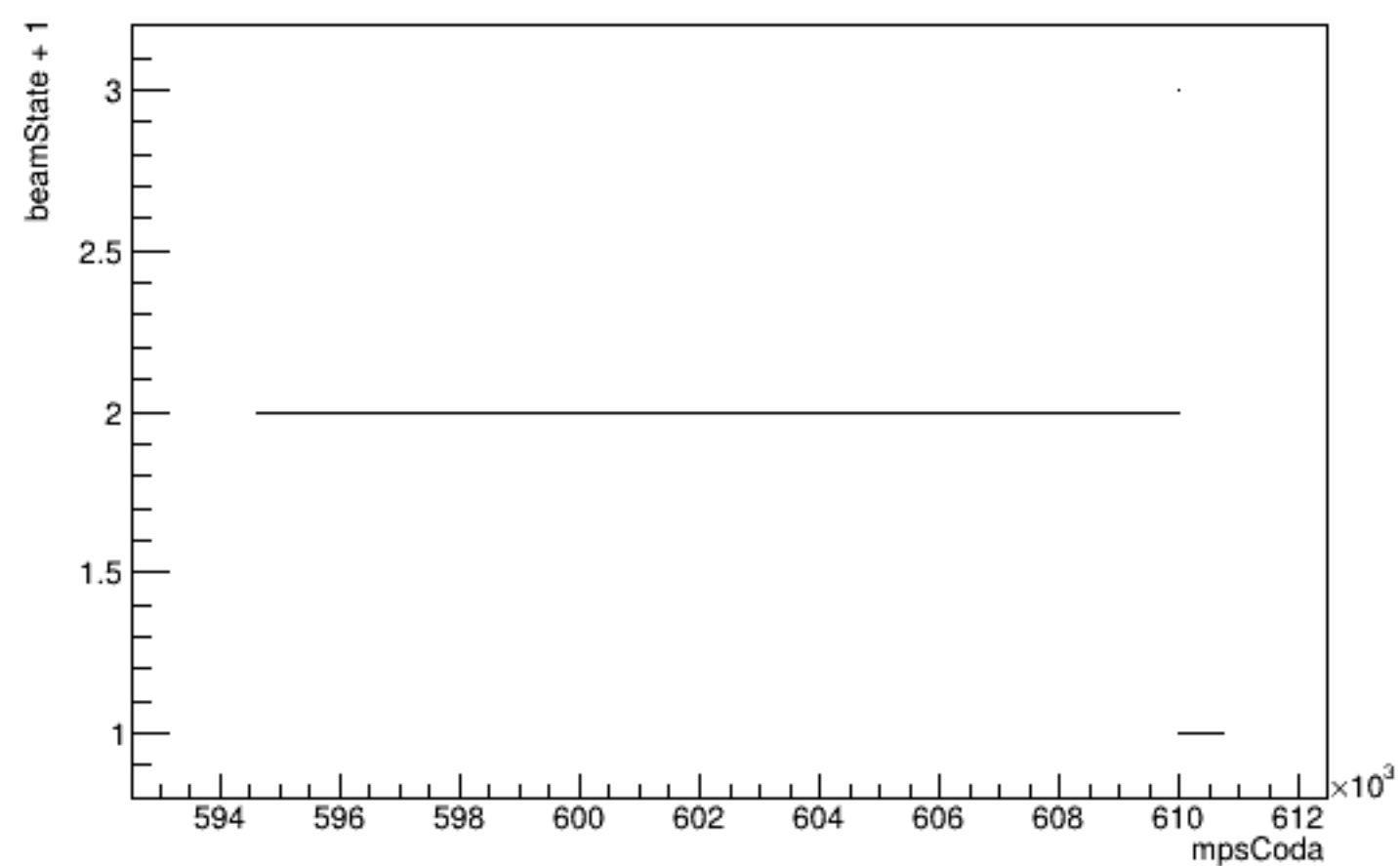
Acc0/NAcc0:mpsCoda (mpsCoda>=594615 && mpsCoda<=610750 && beamState==1)



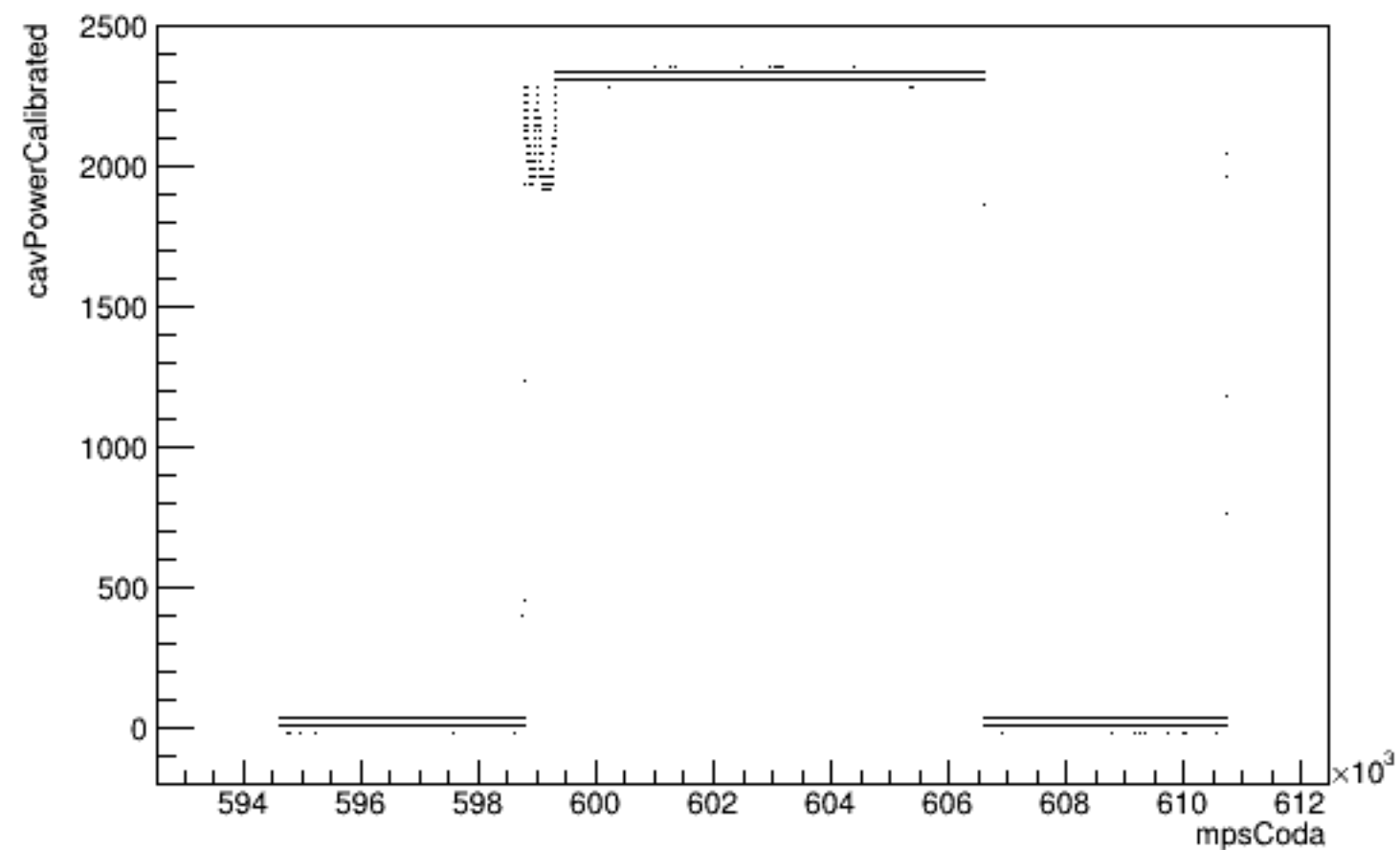
laserState:mpsCoda {mpsCoda>=594615 && mpsCoda<=610750}



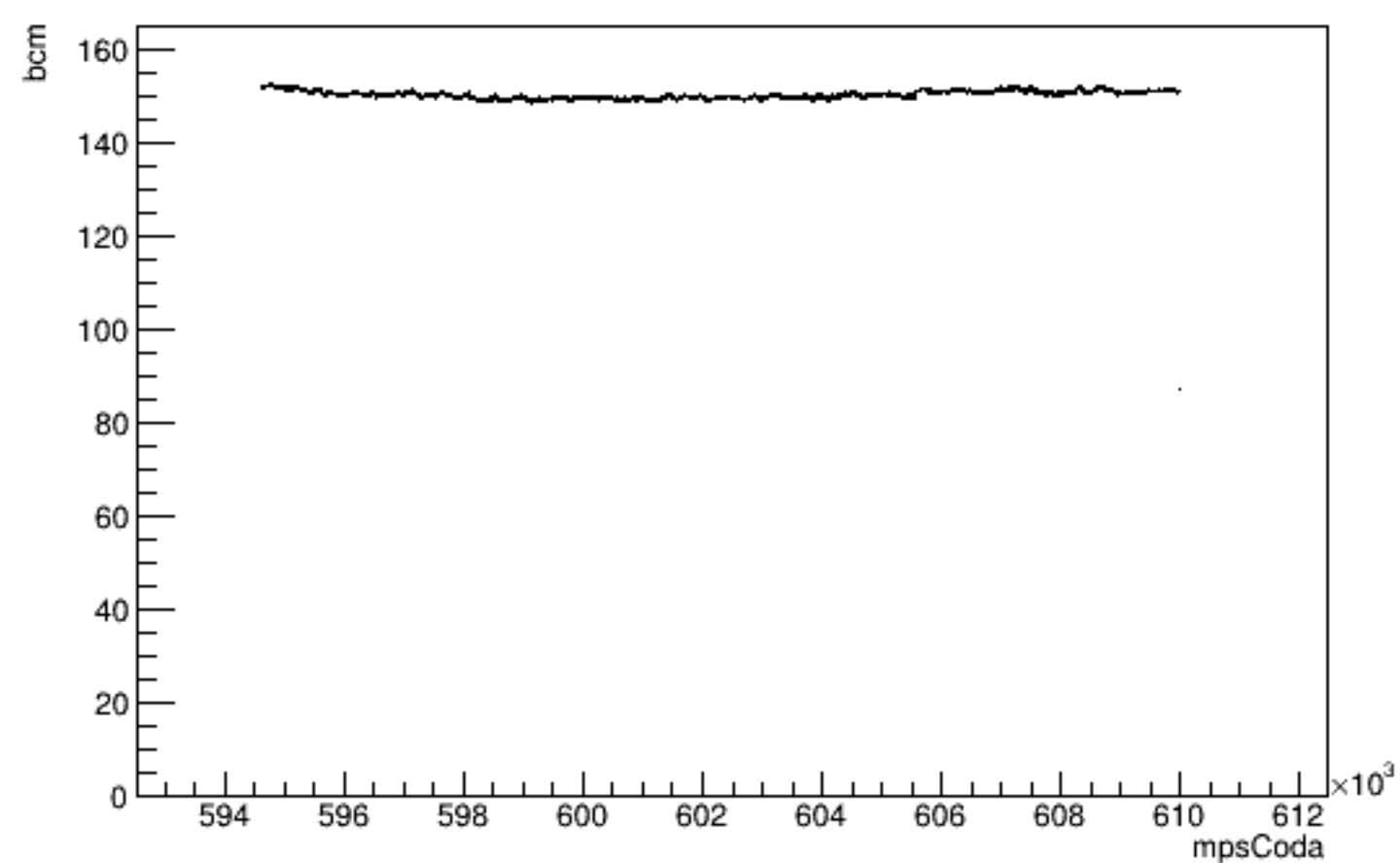
beamState + 1:mpsCoda {mpsCoda>=594615 && mpsCoda<=610750}



cavPowerCalibrated:mpsCoda {mpsCoda>=594615 && mpsCoda<=610750}



bcm:mpsCoda {mpsCoda>=594615 && mpsCoda<=610750}



Cycle 18, Diffs

Entries: 506

Mean: -0.0094 +/- 0.0111

Std Dev: 0.2495 +/- 0.0078

Entries: 1926

Mean: 0.8853 +/- 0.0112

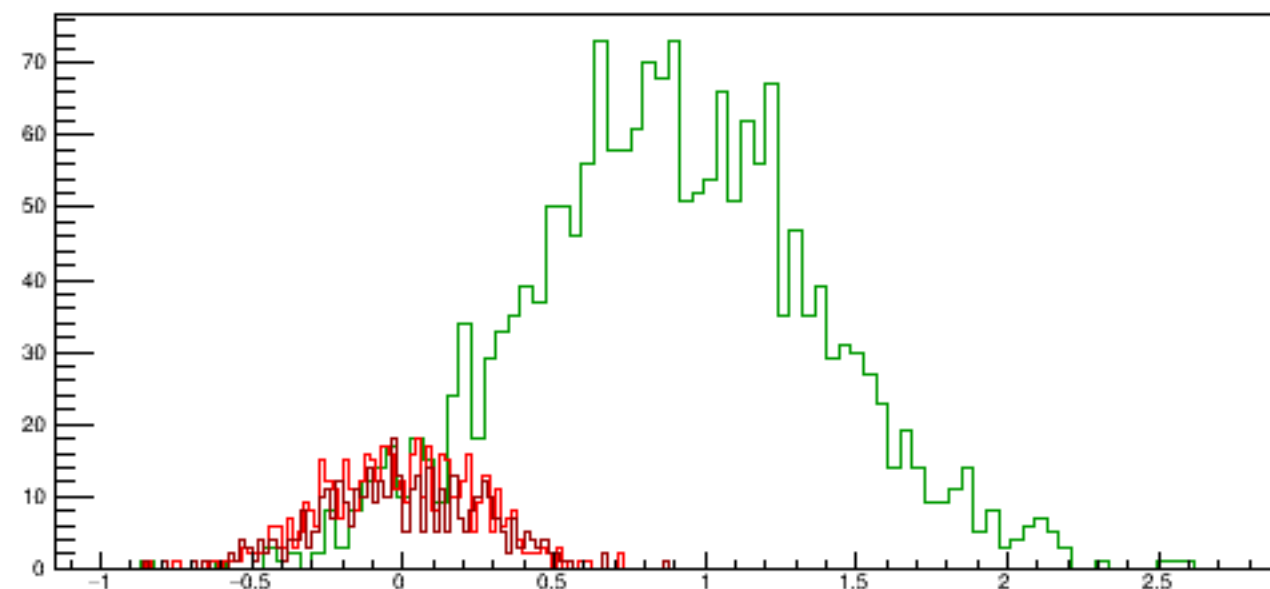
Std Dev: 0.4909 +/- 0.0079

Entries: 388

Mean: -0.0032 +/- 0.0135

Std Dev: 0.2662 +/- 0.0096

Run 5524 quartetwise, Diffs



Cycle 18, Sums

Entries: 506

Mean: 2.8833 +/- 0.0128

Std Dev: 0.2876 +/- 0.0090

Entries: 1926

Mean: 30.7454 +/- 0.0330

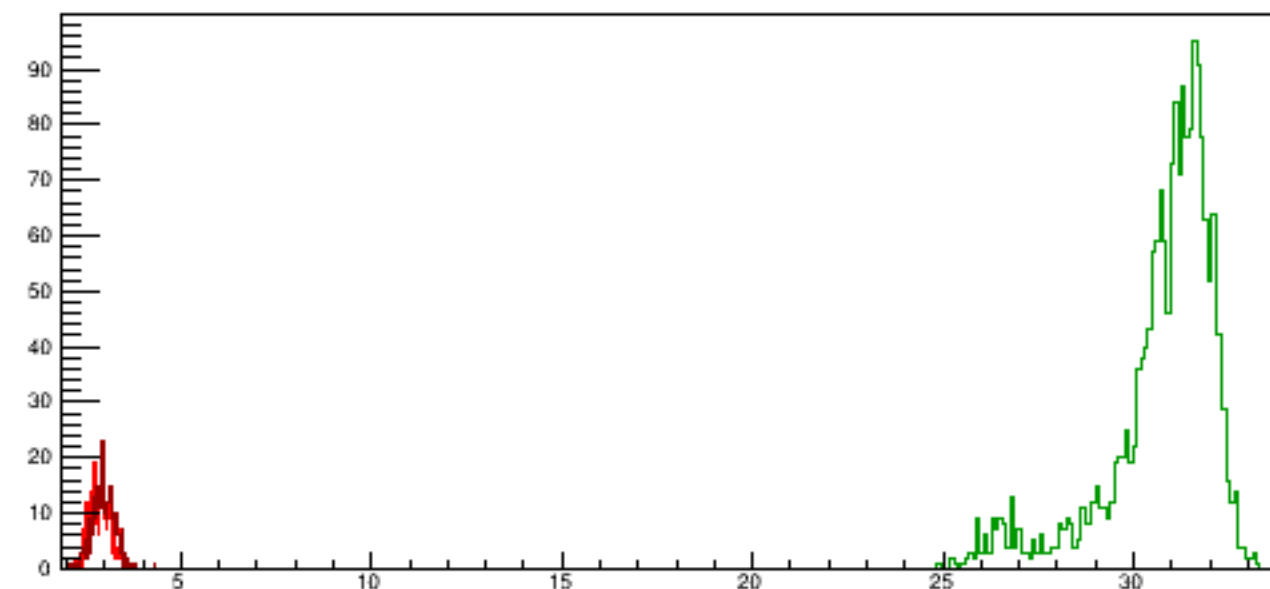
Std Dev: 1.4504 +/- 0.0234

Entries: 388

Mean: 2.9670 +/- 0.0149

Std Dev: 0.2929 +/- 0.0105

Run 5524 quartetwise, Sums



Cycle 18, Asyms

Entries: 506

Mean: -0.0003 +/- 0.0004

Std Dev: 0.0090 +/- 0.0003

Entries: 1926

Mean: 0.0318 +/- 0.0004

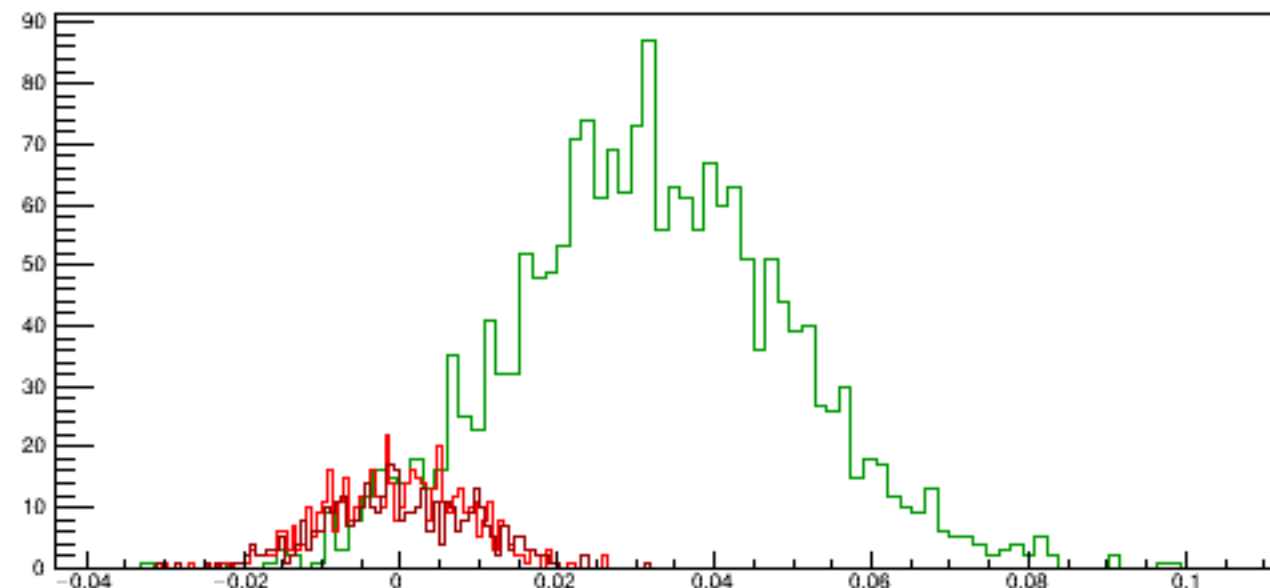
Std Dev: 0.0177 +/- 0.0003

Entries: 388

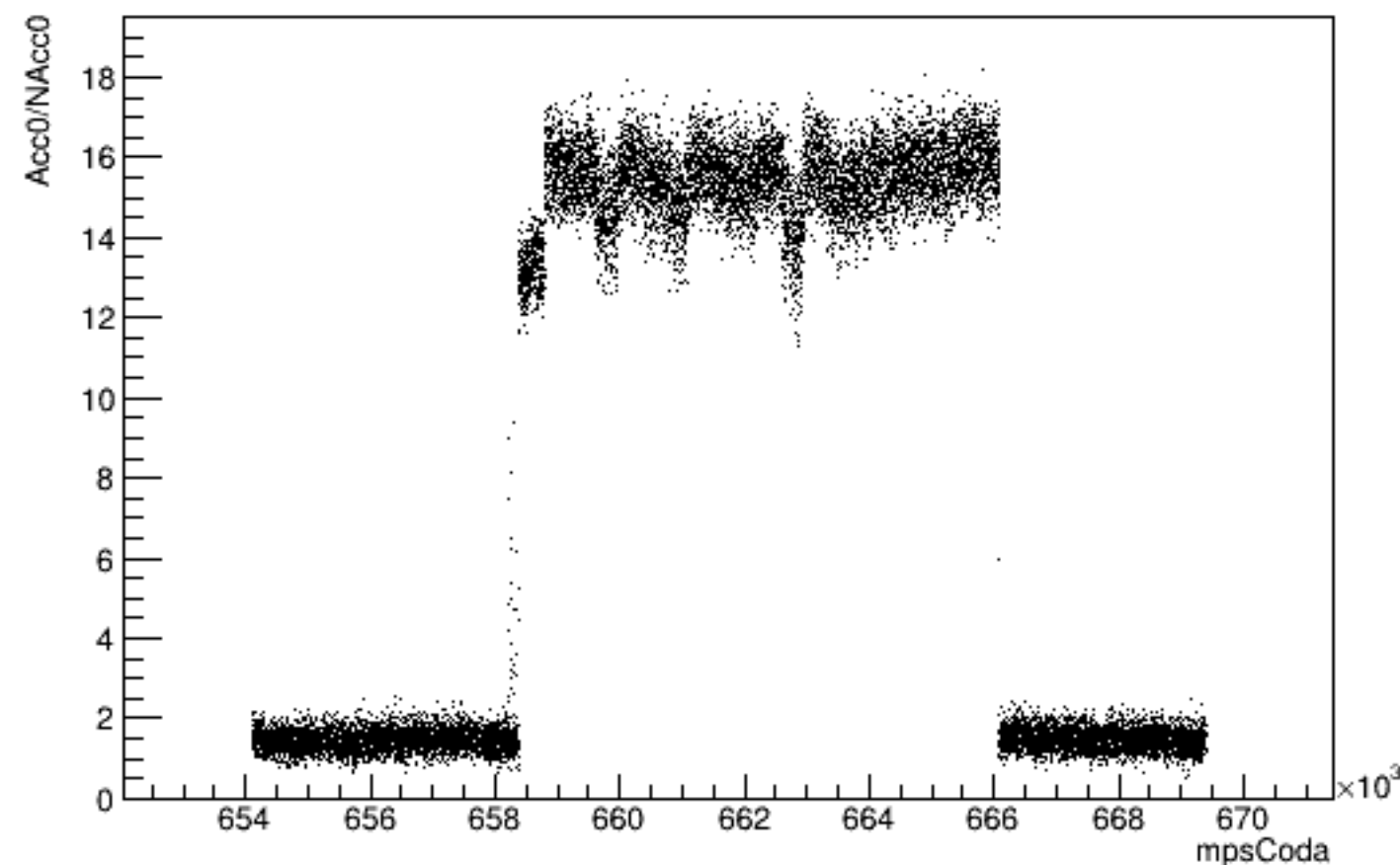
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0096 +/- 0.0003

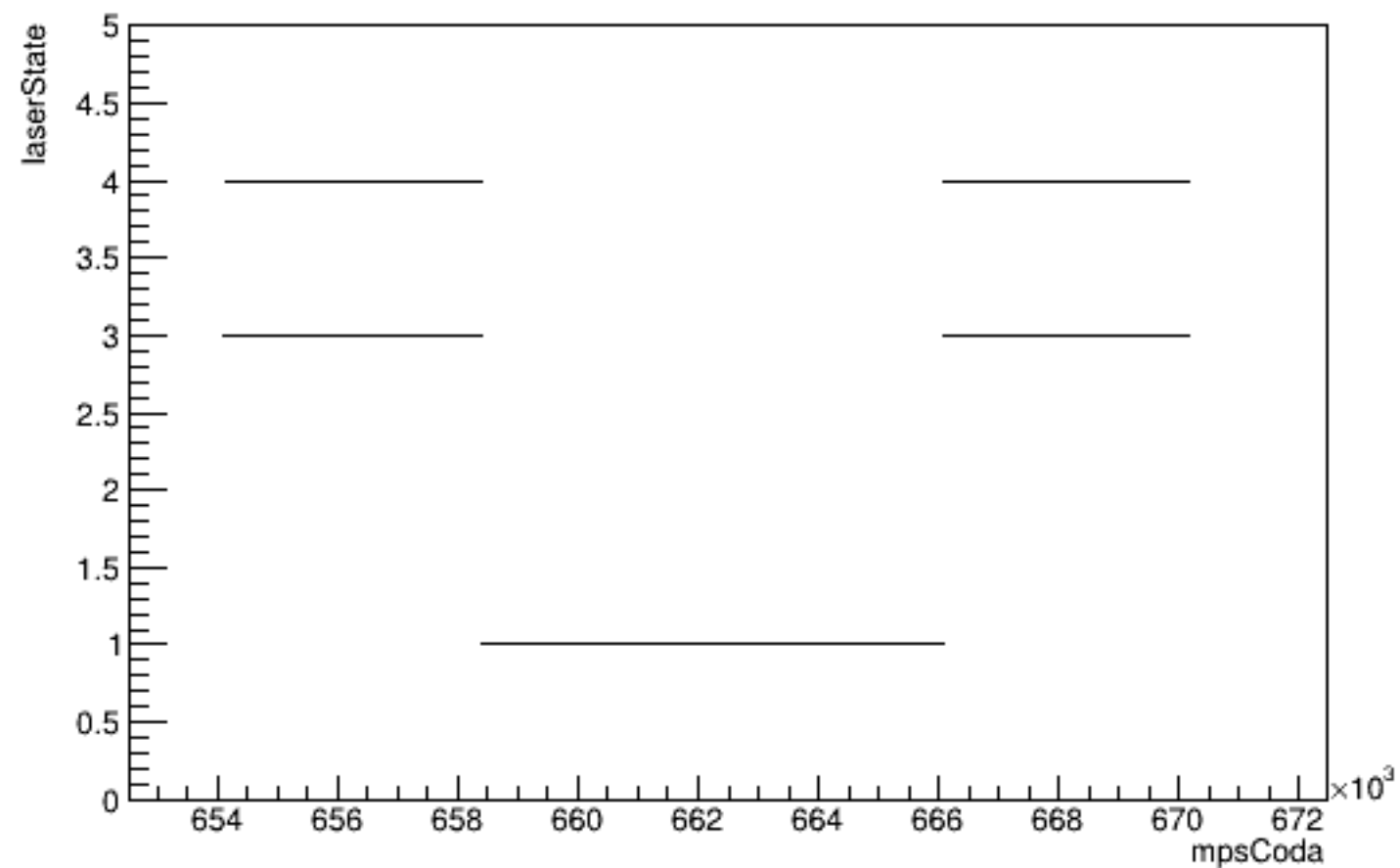
Run 5524 quartetwise, Asyms



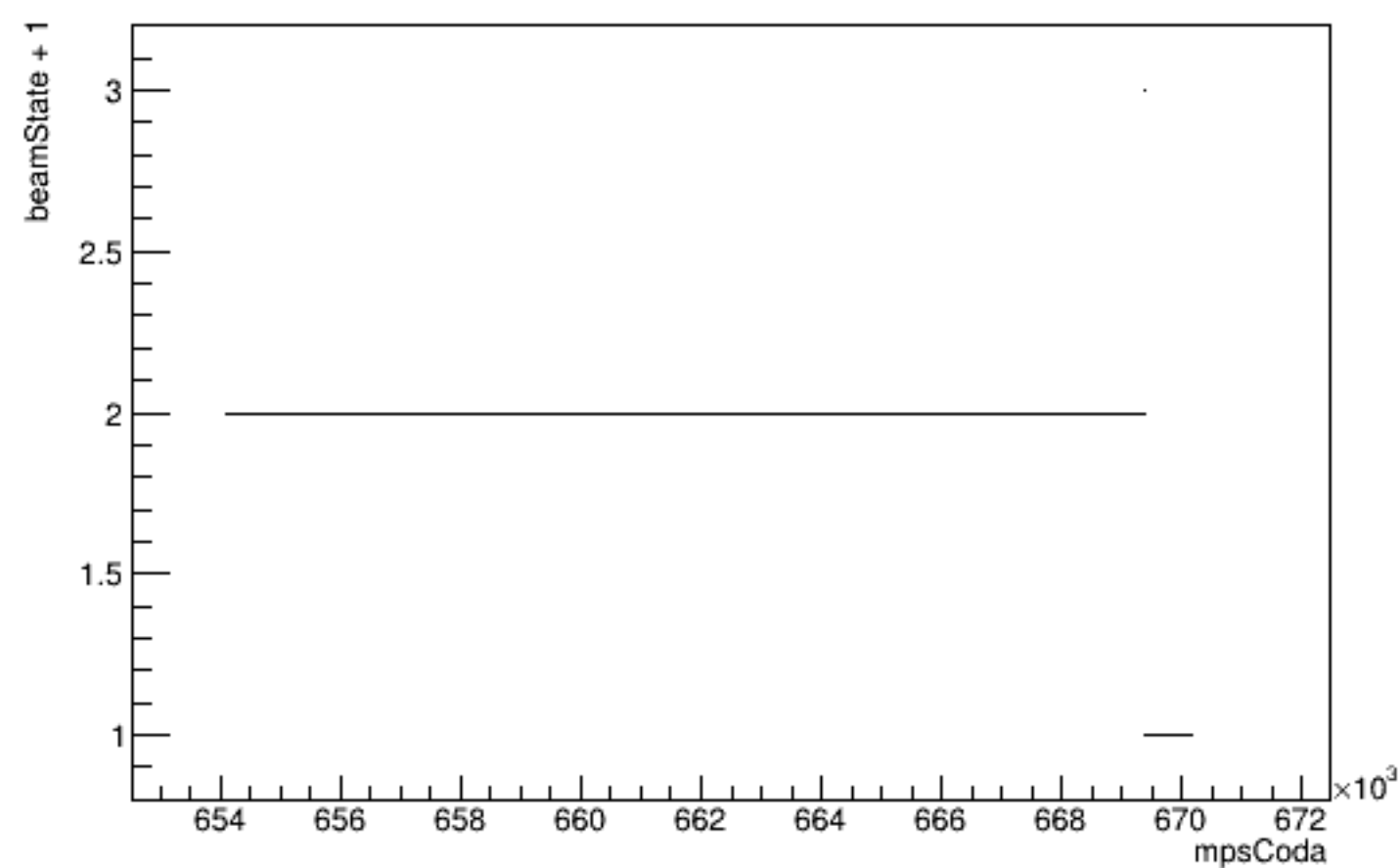
Acc0/NAcc0:mpsCoda (mpsCoda>=654115 && mpsCoda<=670166 && beamState==1)



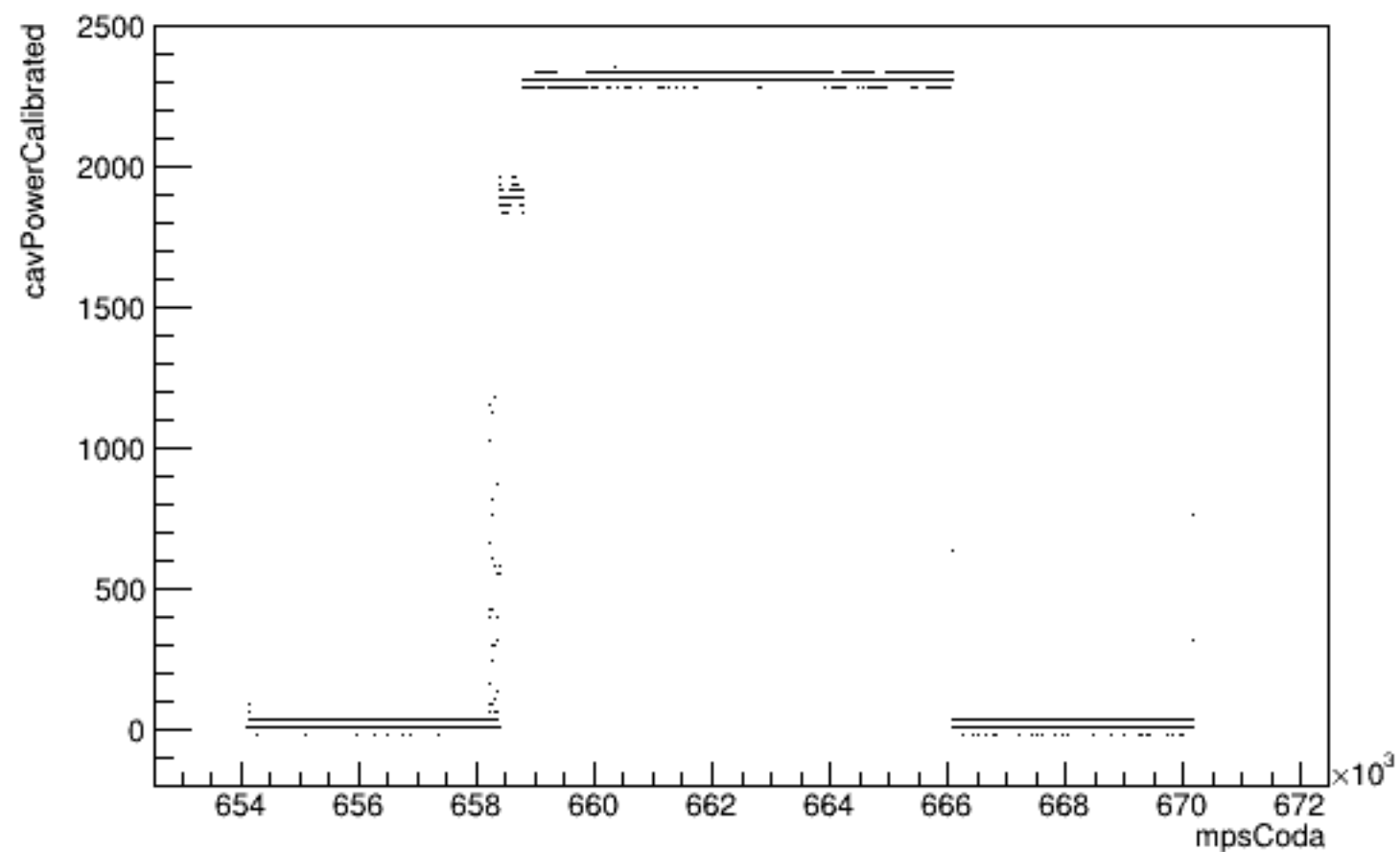
laserState:mpsCoda {mpsCoda>=654115 && mpsCoda<=670166}



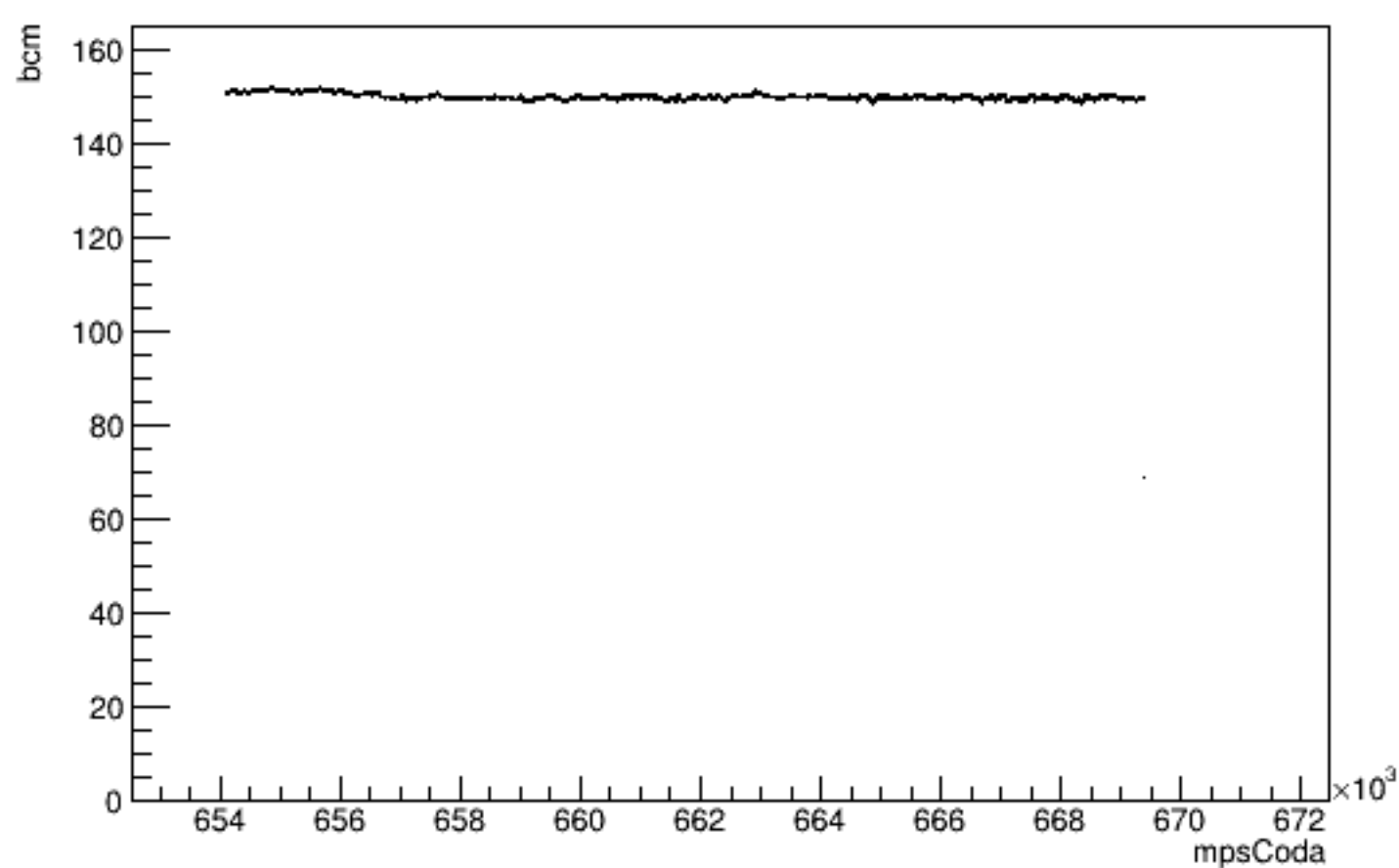
beamState + 1:mpsCoda {mpsCoda>=654115 && mpsCoda<=670166}



cavPowerCalibrated:mpsCoda {mpsCoda>=654115 && mpsCoda<=670166}



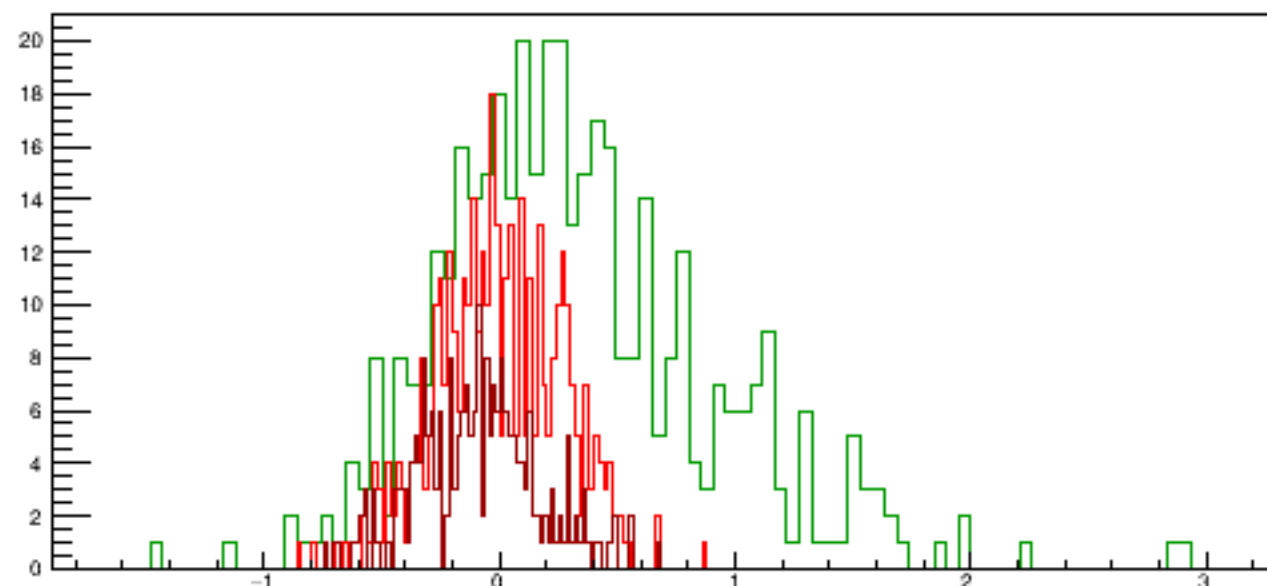
bcm:mpsCoda {mpsCoda>=654115 && mpsCoda<=670166}



Cycle 19, Diffs

Entries: 388	Entries: 414	Entries: 224
Mean: -0.0032 +/- 0.0135	Mean: 0.3234 +/- 0.0290	Mean: -0.0883 +/- 0.0173
Std Dev: 0.2662 +/- 0.0096	Std Dev: 0.5897 +/- 0.0205	Std Dev: 0.2595 +/- 0.0123

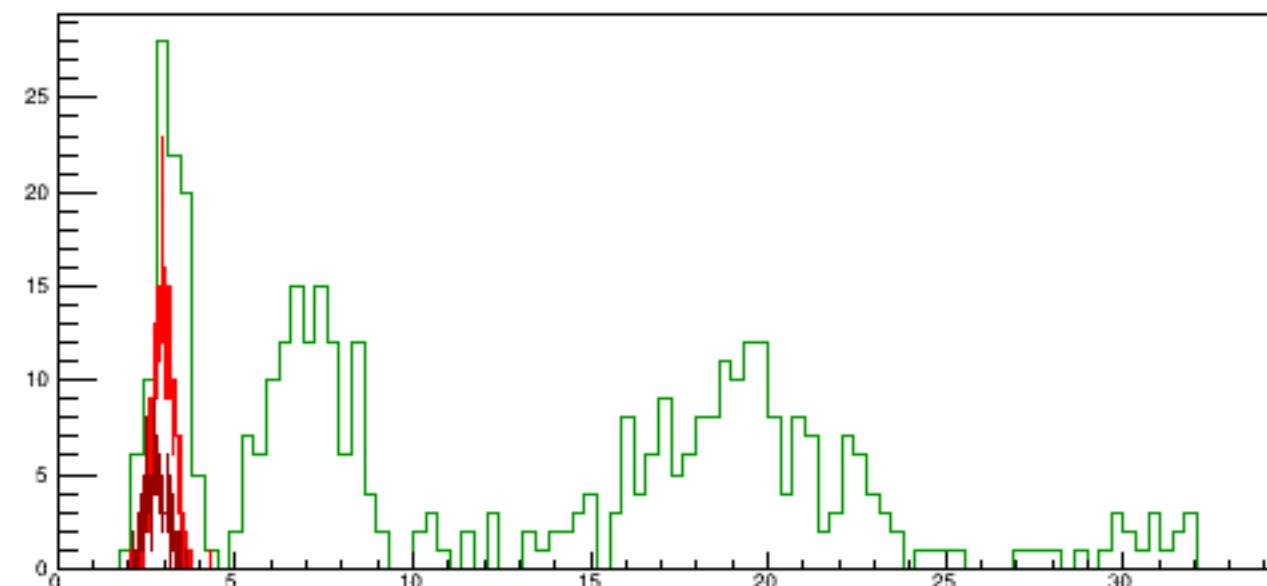
Run 5524 quartetwise, Diffs



Cycle 19, Sums

Entries: 388	Entries: 414	Entries: 224
Mean: 2.9670 +/- 0.0149	Mean: 12.5150 +/- 0.3959	Mean: 2.7636 +/- 0.0199
Std Dev: 0.2929 +/- 0.0105	Std Dev: 8.0563 +/- 0.2800	Std Dev: 0.2986 +/- 0.0141

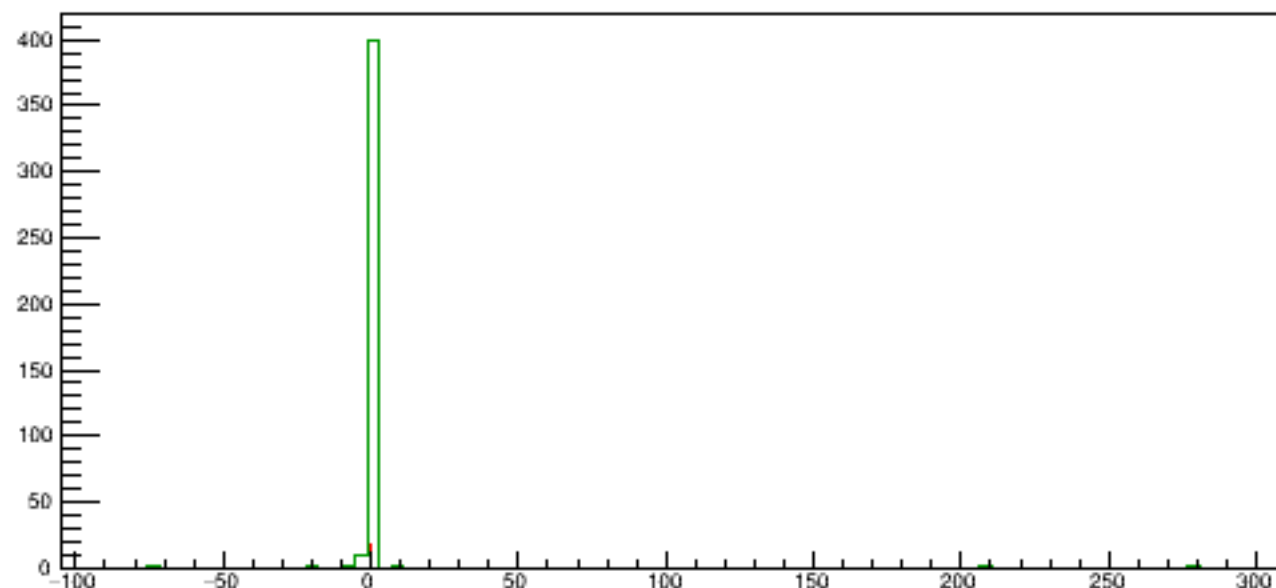
Run 5524 quartetwise, Sums



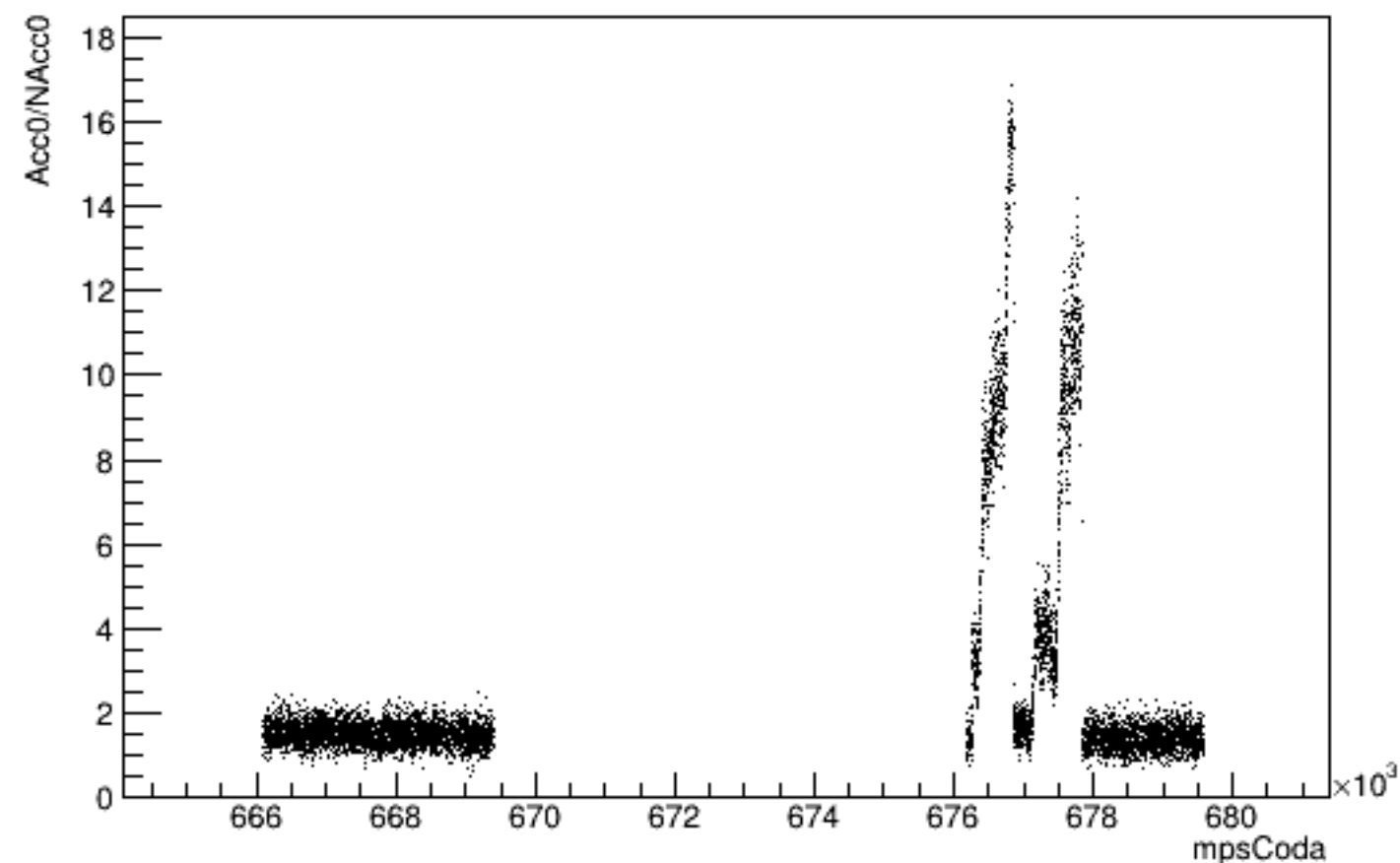
Cycle 19, Asyms

Entries: 388	Entries: 414	Entries: 224
Mean: -0.0003 +/- 0.0014	Mean: 0.9581 +/- 0.8562	Mean: -0.0092 +/- 0.0018
Std Dev: 0.0276 +/- 0.0010	Std Dev: 17.4213 +/- 0.6054	Std Dev: 0.0269 +/- 0.0013

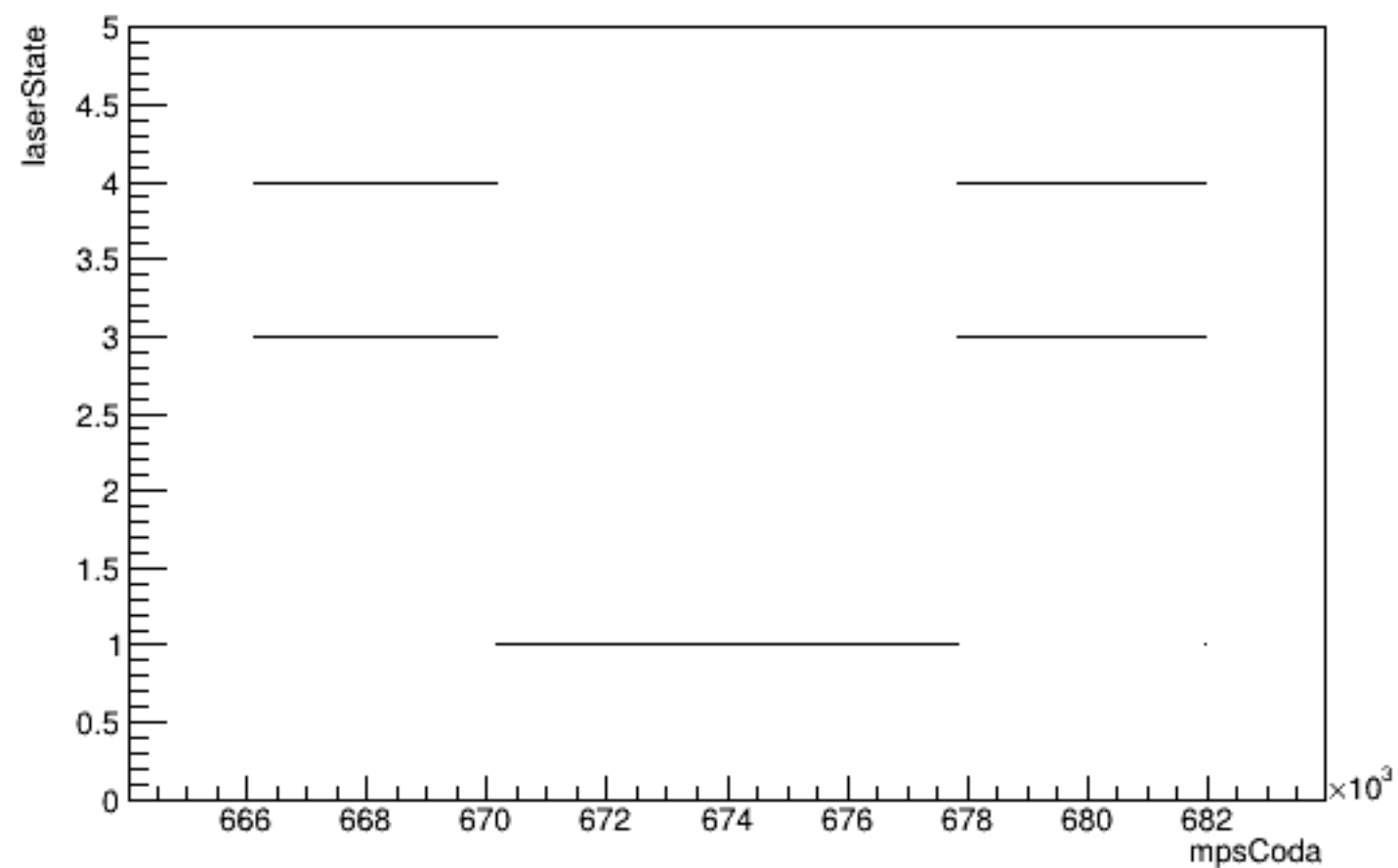
Run 5524 quartetwise, Asyms



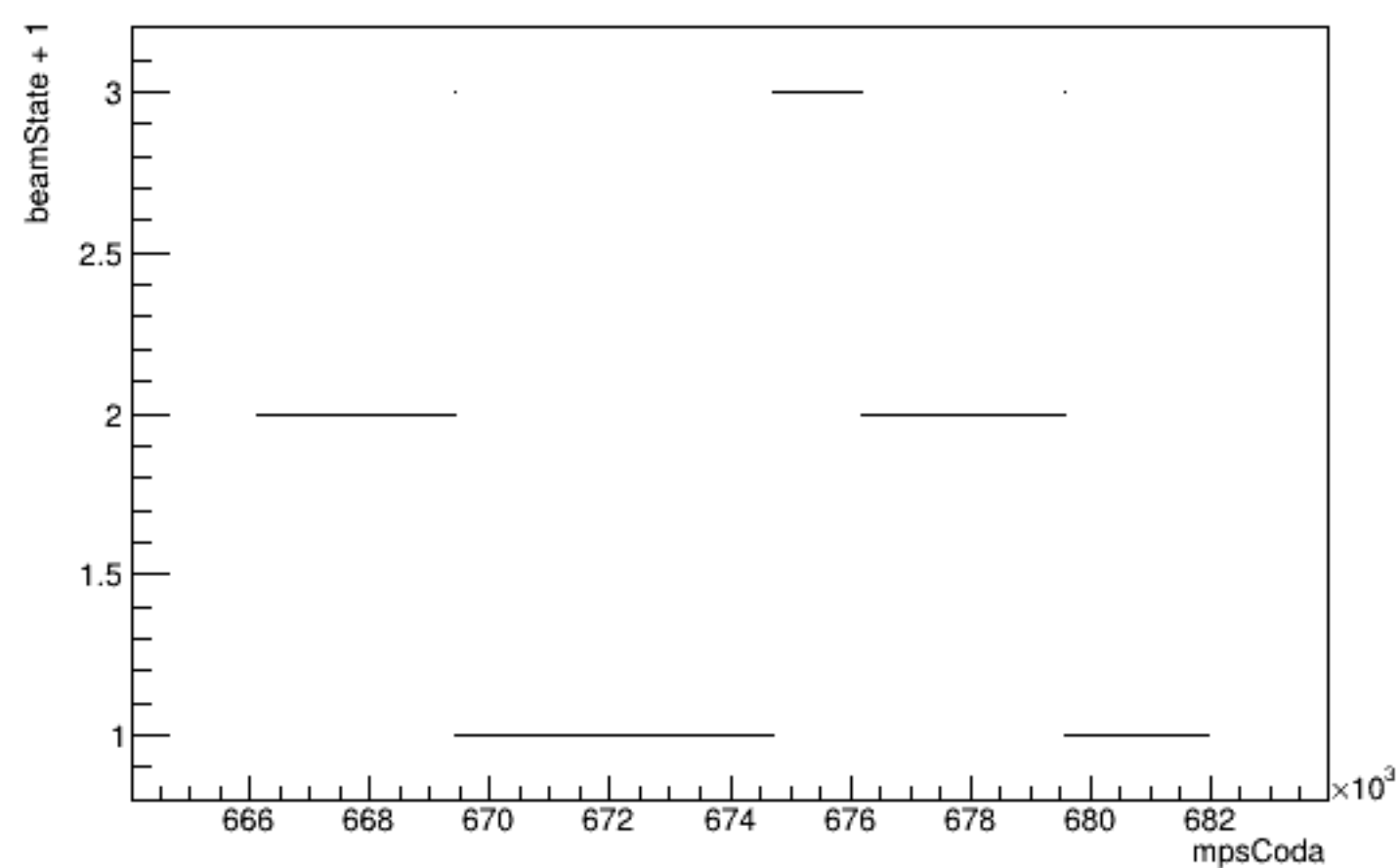
Acc0/NAcc0:mpsCoda (mpsCoda>=666103 && mpsCoda<=681978 && beamState==1)



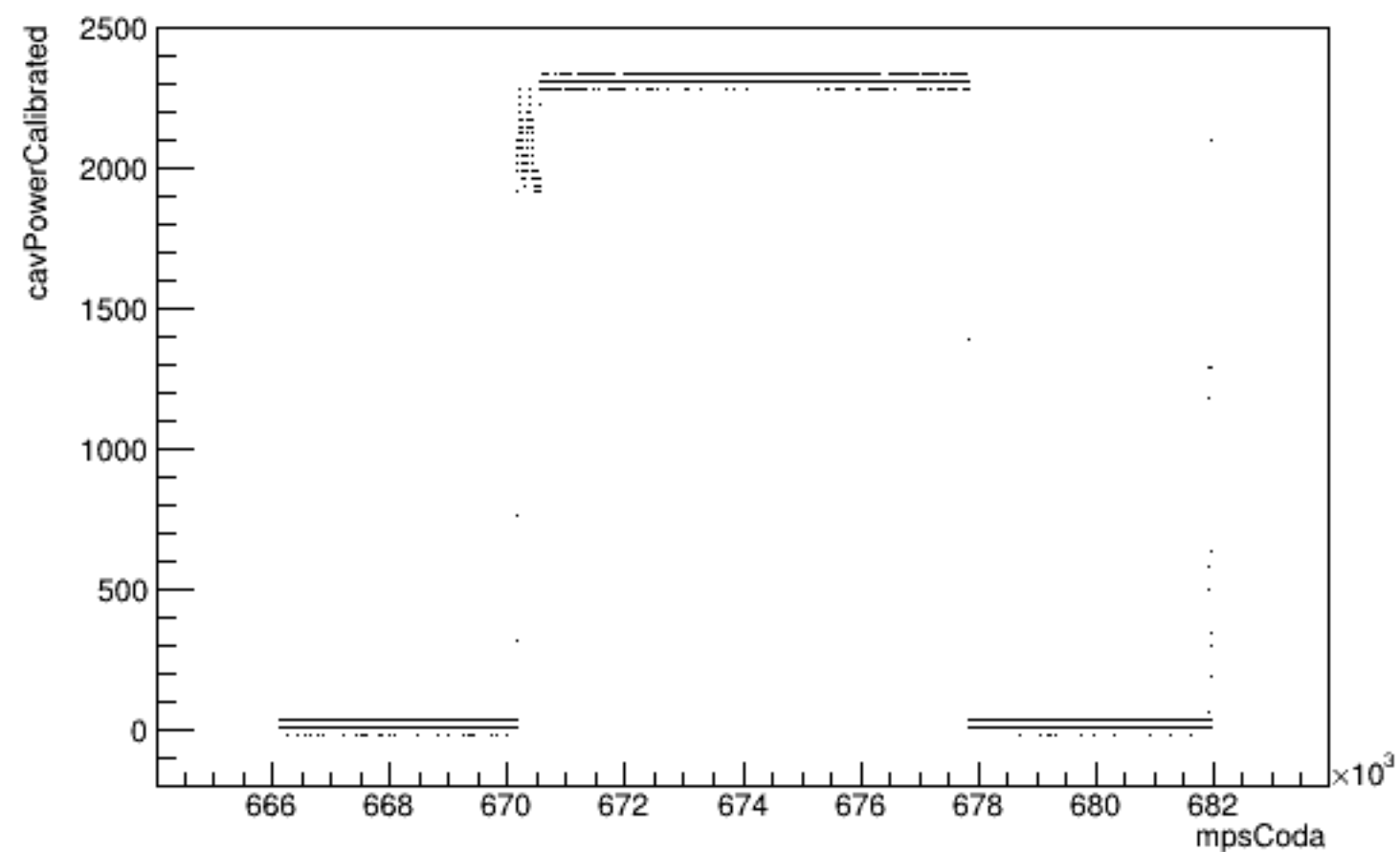
laserState:mpsCoda {mpsCoda>=666103 && mpsCoda<=681978}



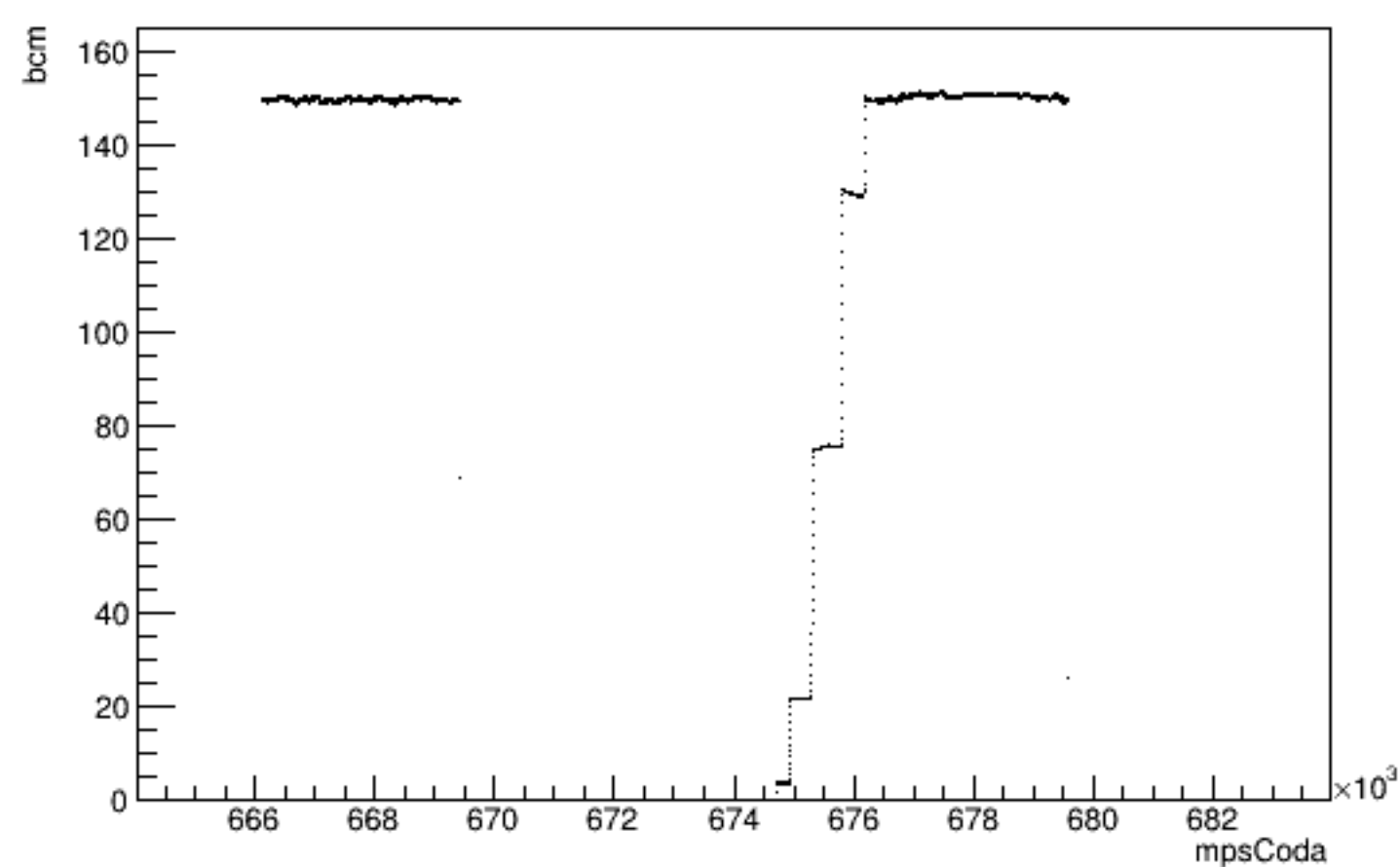
beamState + 1:mpsCoda {mpsCoda>=666103 && mpsCoda<=681978}



cavPowerCalibrated:mpsCoda {mpsCoda>=666103 && mpsCoda<=681978}



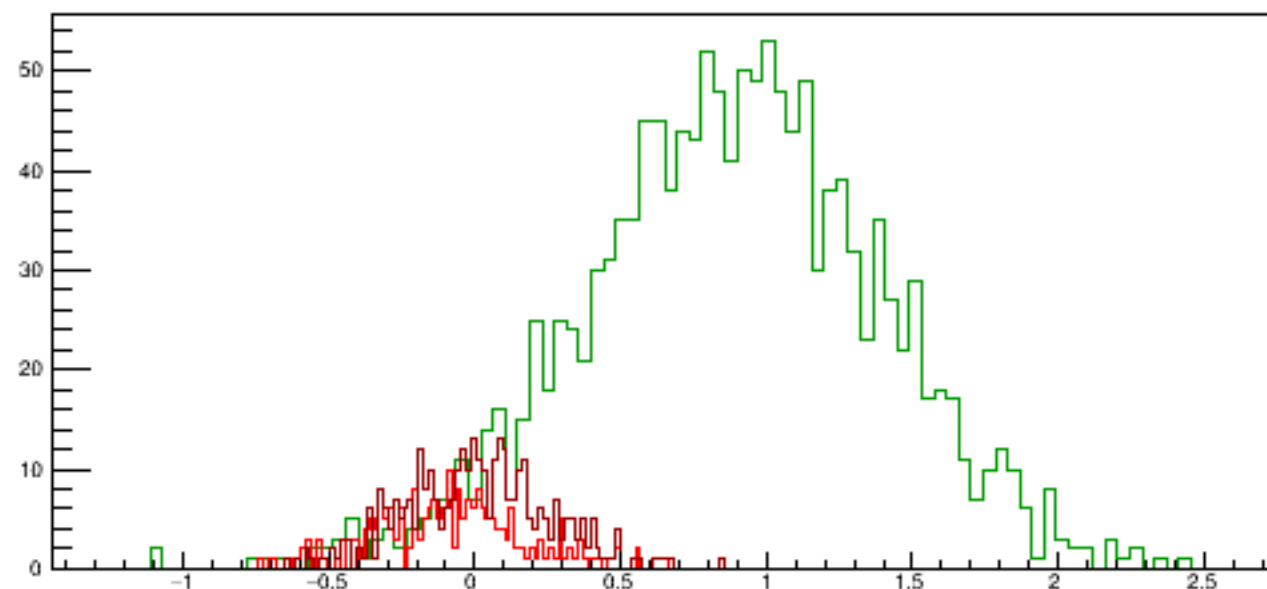
bcm:mpsCoda {mpsCoda>=666103 && mpsCoda<=681978}



Cycle 20, Diffs

Entries: 224	Entries: 1420	Entries: 343
Mean: -0.0883 +/- 0.0173	Mean: 0.8784 +/- 0.0135	Mean: 0.0035 +/- 0.0134
Std Dev: 0.2595 +/- 0.0123	Std Dev: 0.5089 +/- 0.0095	Std Dev: 0.2488 +/- 0.0095

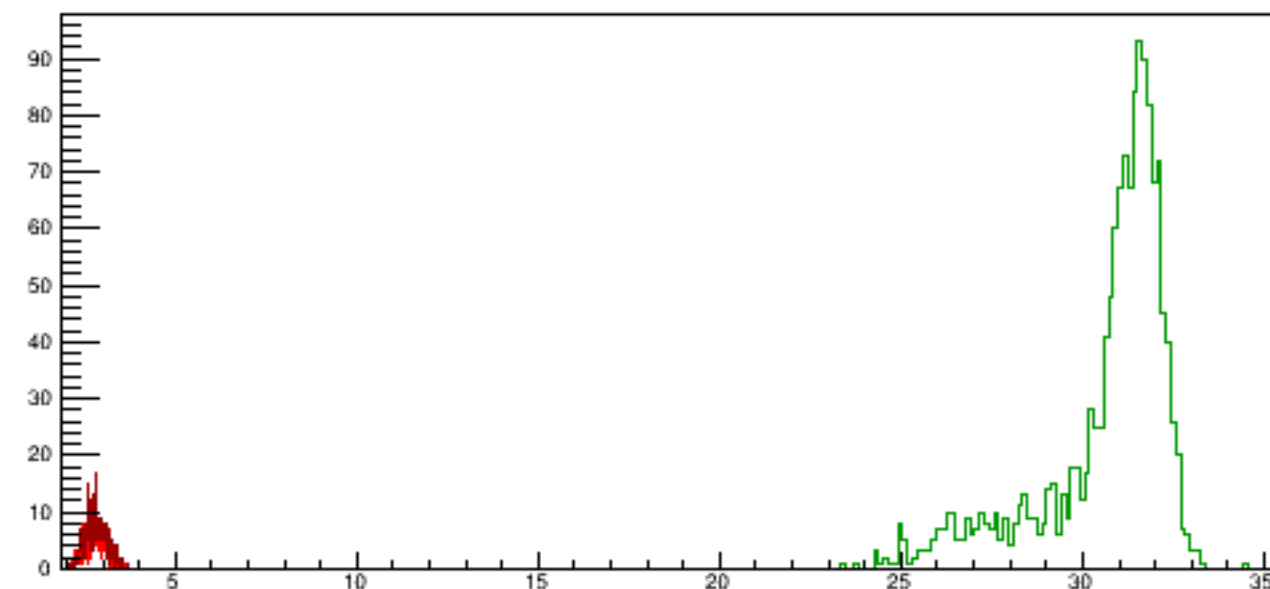
Run 5524 quartetwise, Diffs



Cycle 20, Sums

Entries: 224	Entries: 1420	Entries: 343
Mean: 2.7636 +/- 0.0199	Mean: 30.6566 +/- 0.0473	Mean: 2.8016 +/- 0.0158
Std Dev: 0.2986 +/- 0.0141	Std Dev: 1.7828 +/- 0.0335	Std Dev: 0.2928 +/- 0.0112

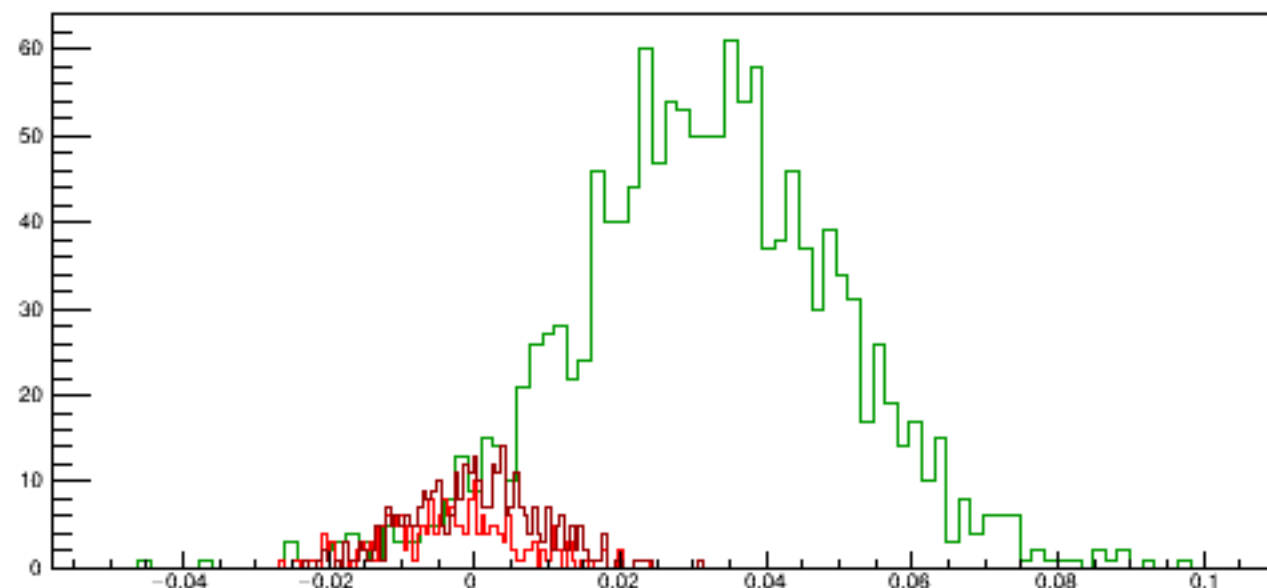
Run 5524 quartetwise, Sums



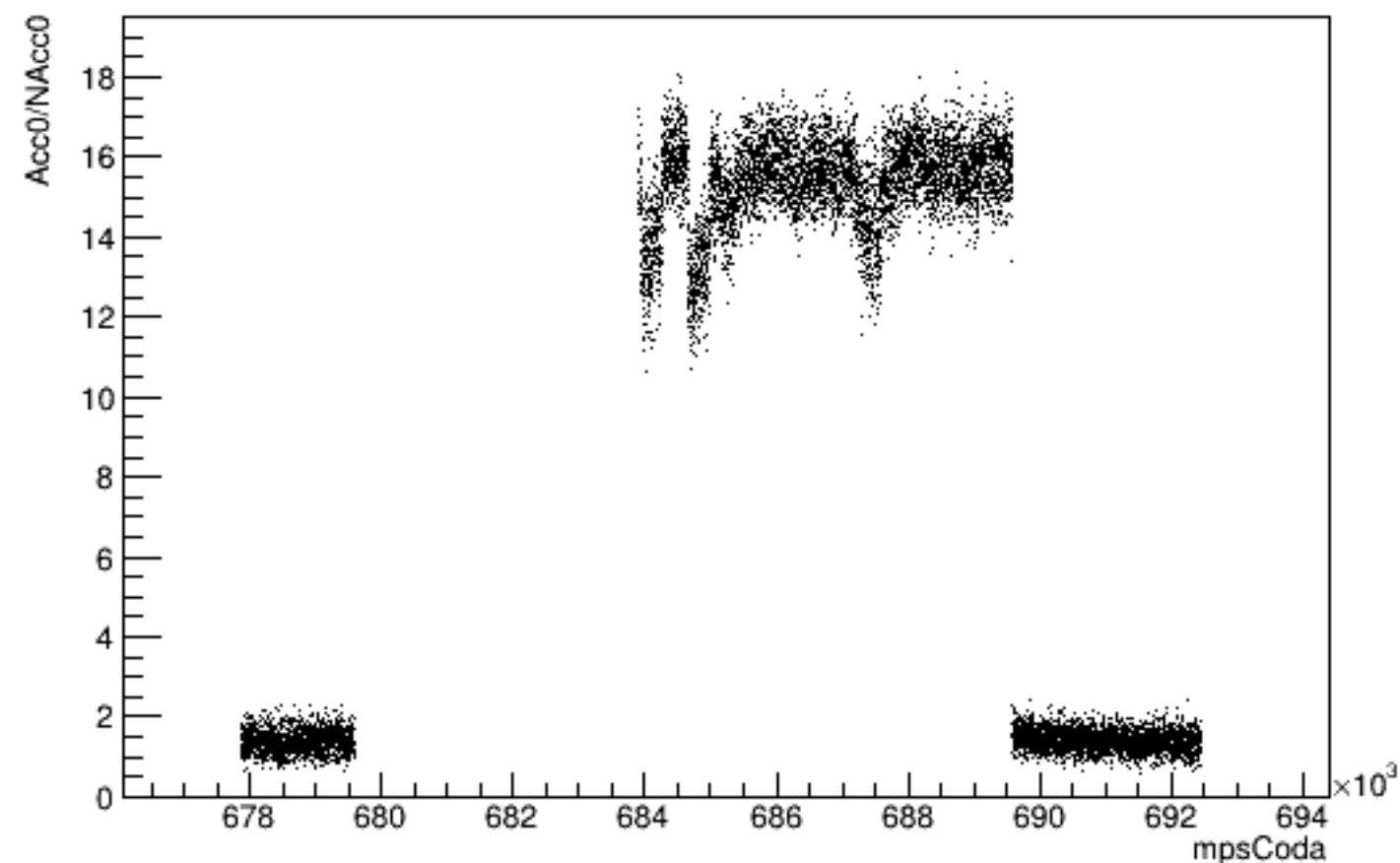
Cycle 20, Asyms

Entries: 224	Entries: 1420	Entries: 343
Mean: -0.0032 +/- 0.0006	Mean: 0.0316 +/- 0.0005	Mean: 0.0001 +/- 0.0005
Std Dev: 0.0093 +/- 0.0004	Std Dev: 0.0186 +/- 0.0003	Std Dev: 0.0089 +/- 0.0003

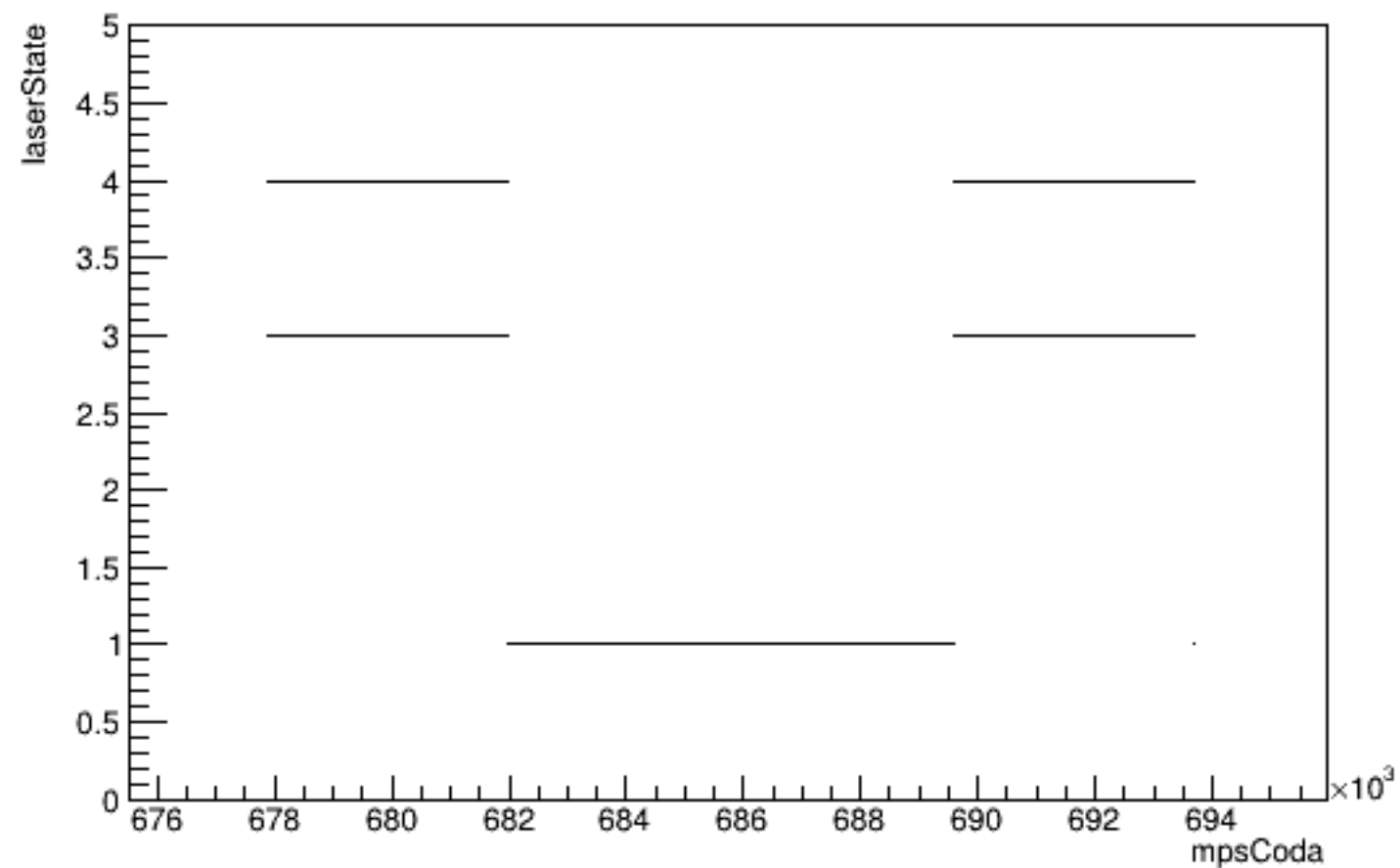
Run 5524 quartetwise, Asyms



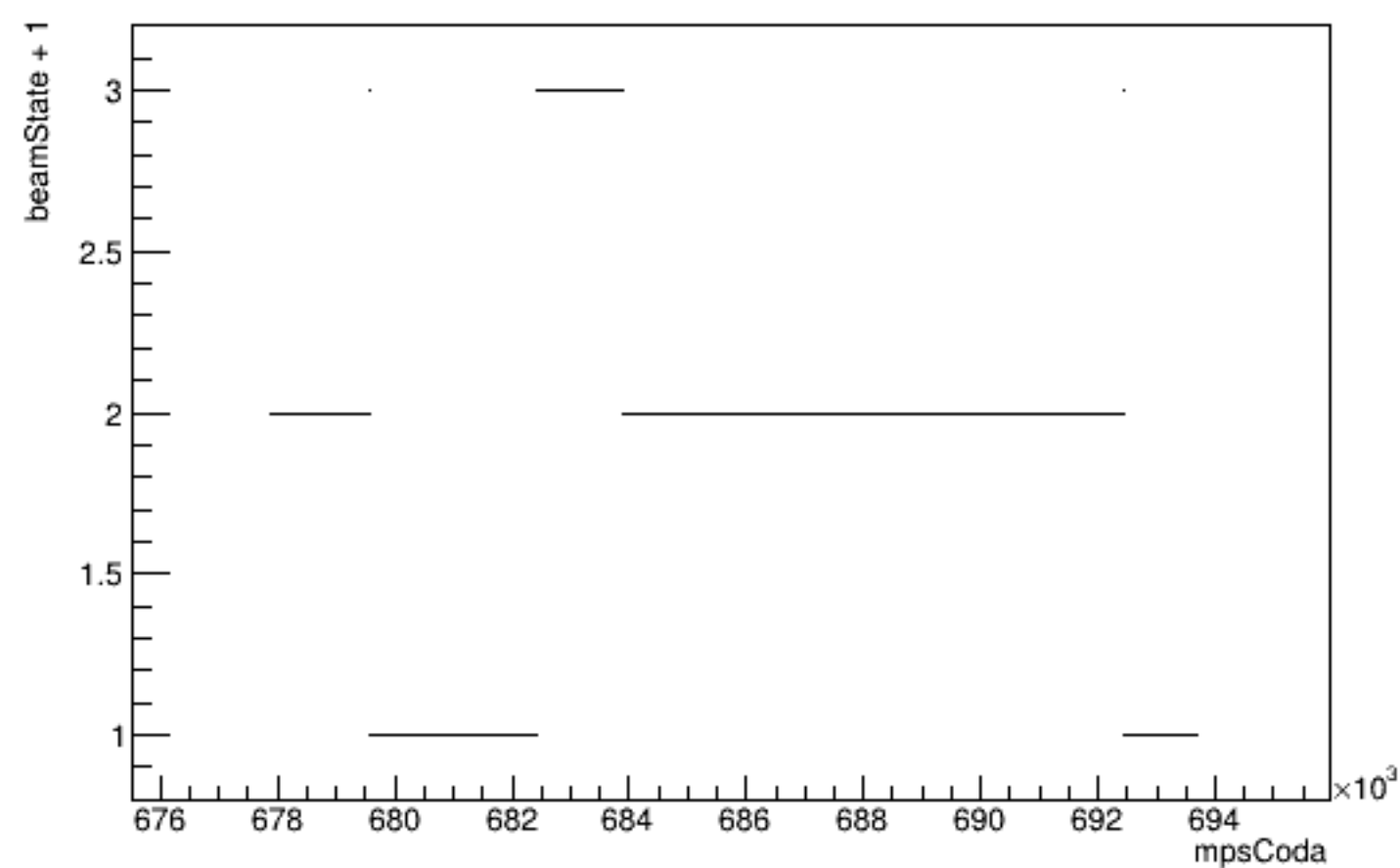
Acc0/NAcc0:mpsCoda (mpsCoda>=677863 && mpsCoda<=693698 && beamState==1)



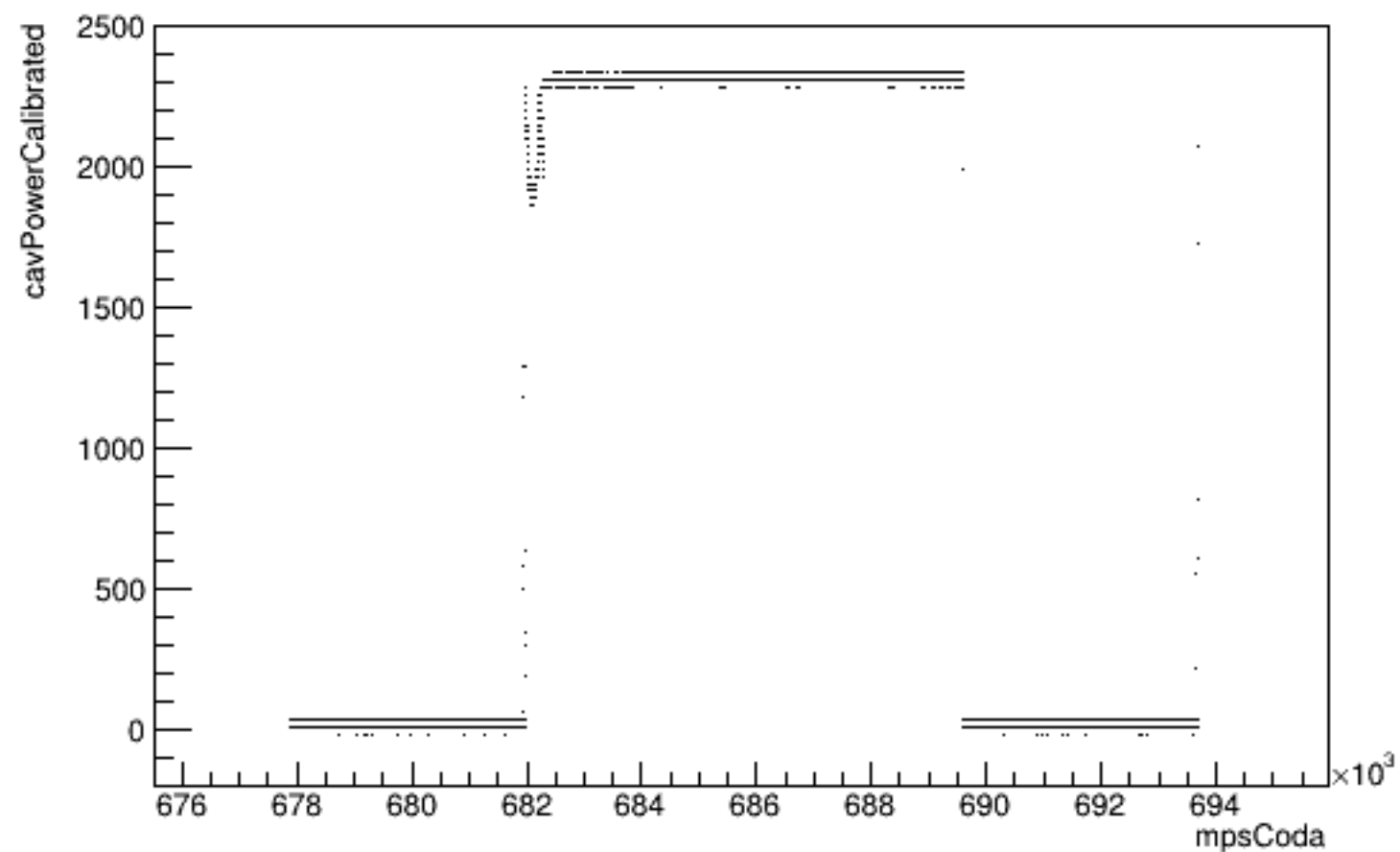
laserState:mpsCoda {mpsCoda>=677863 && mpsCoda<=693698}



beamState + 1:mpsCoda {mpsCoda>=677863 && mpsCoda<=693698}



cavPowerCalibrated:mpsCoda {mpsCoda>=677863 && mpsCoda<=693698}



bcm:mpsCoda {mpsCoda>=677863 && mpsCoda<=693698}

