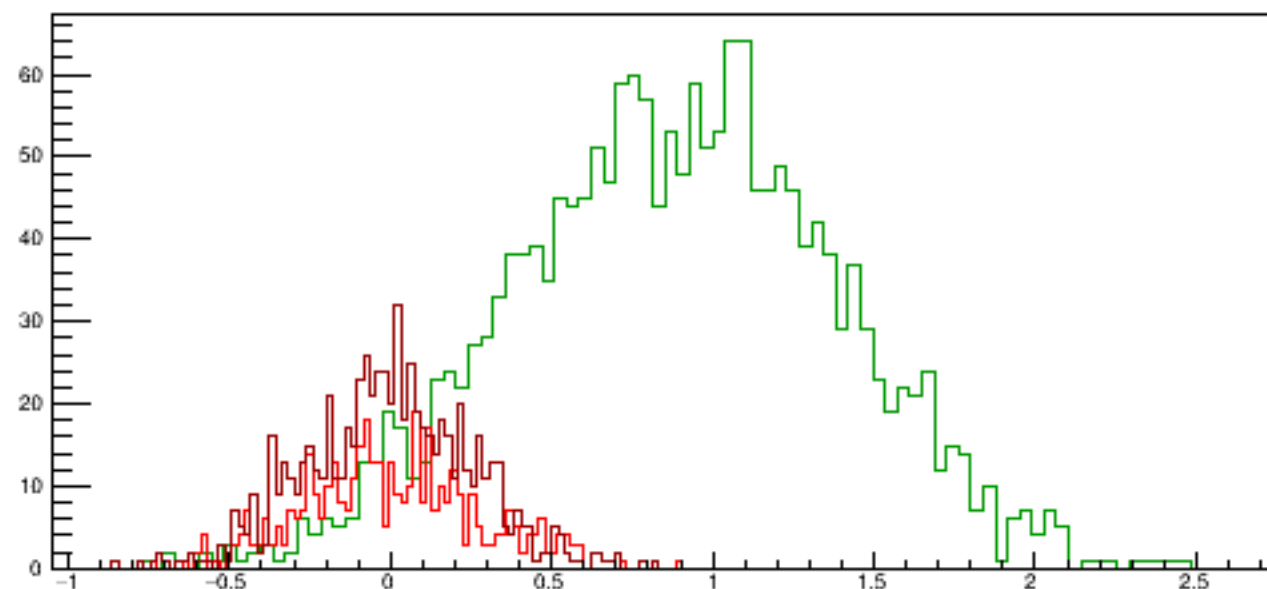


Cycle 1, Diffs

Entries: 419	Entries: 1888	Entries: 704
Mean: -0.0001 +/- 0.0133	Mean: 0.8791 +/- 0.0116	Mean: -0.0038 +/- 0.0098
Std Dev: 0.2725 +/- 0.0094	Std Dev: 0.5042 +/- 0.0082	Std Dev: 0.2612 +/- 0.0070

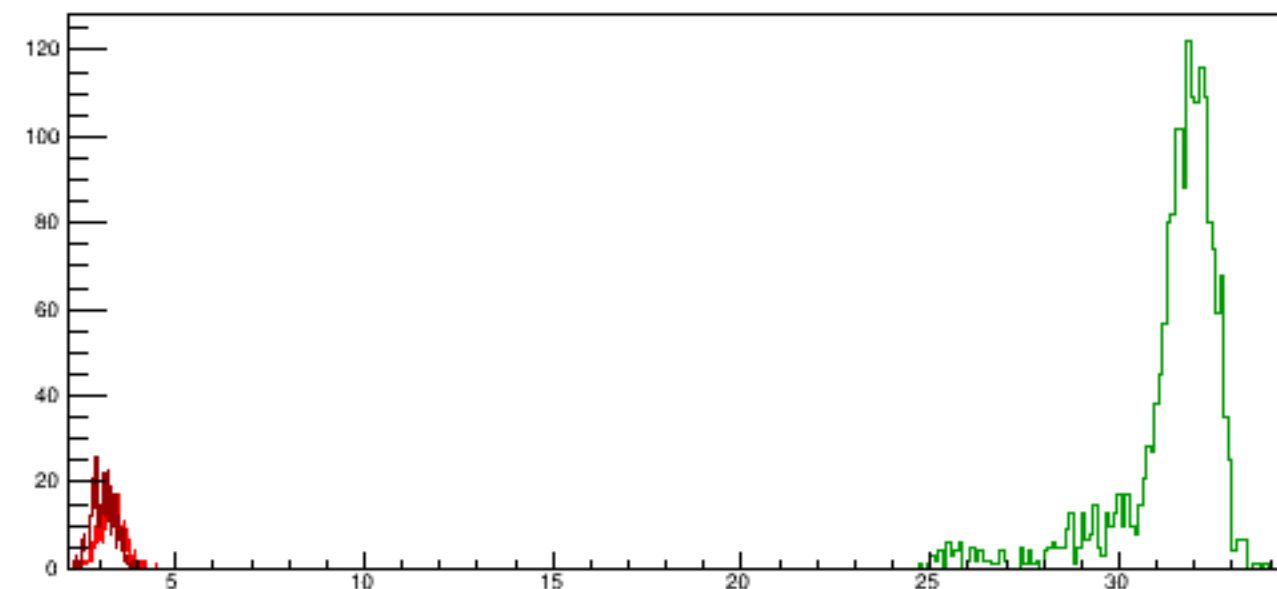
Run 5680 quartetwise, Diffs



Cycle 1, Sums

Entries: 419	Entries: 1888	Entries: 704
Mean: 3.2867 +/- 0.0169	Mean: 31.4213 +/- 0.0321	Mean: 3.0962 +/- 0.0115
Std Dev: 0.3466 +/- 0.0120	Std Dev: 1.3927 +/- 0.0227	Std Dev: 0.3041 +/- 0.0081

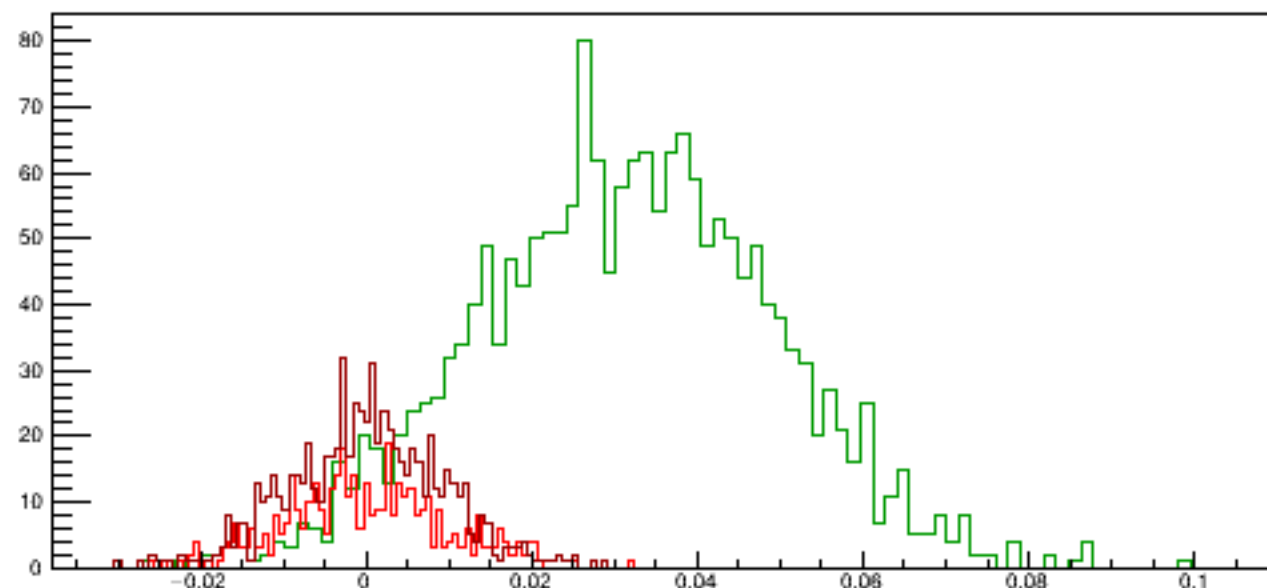
Run 5680 quartetwise, Sums



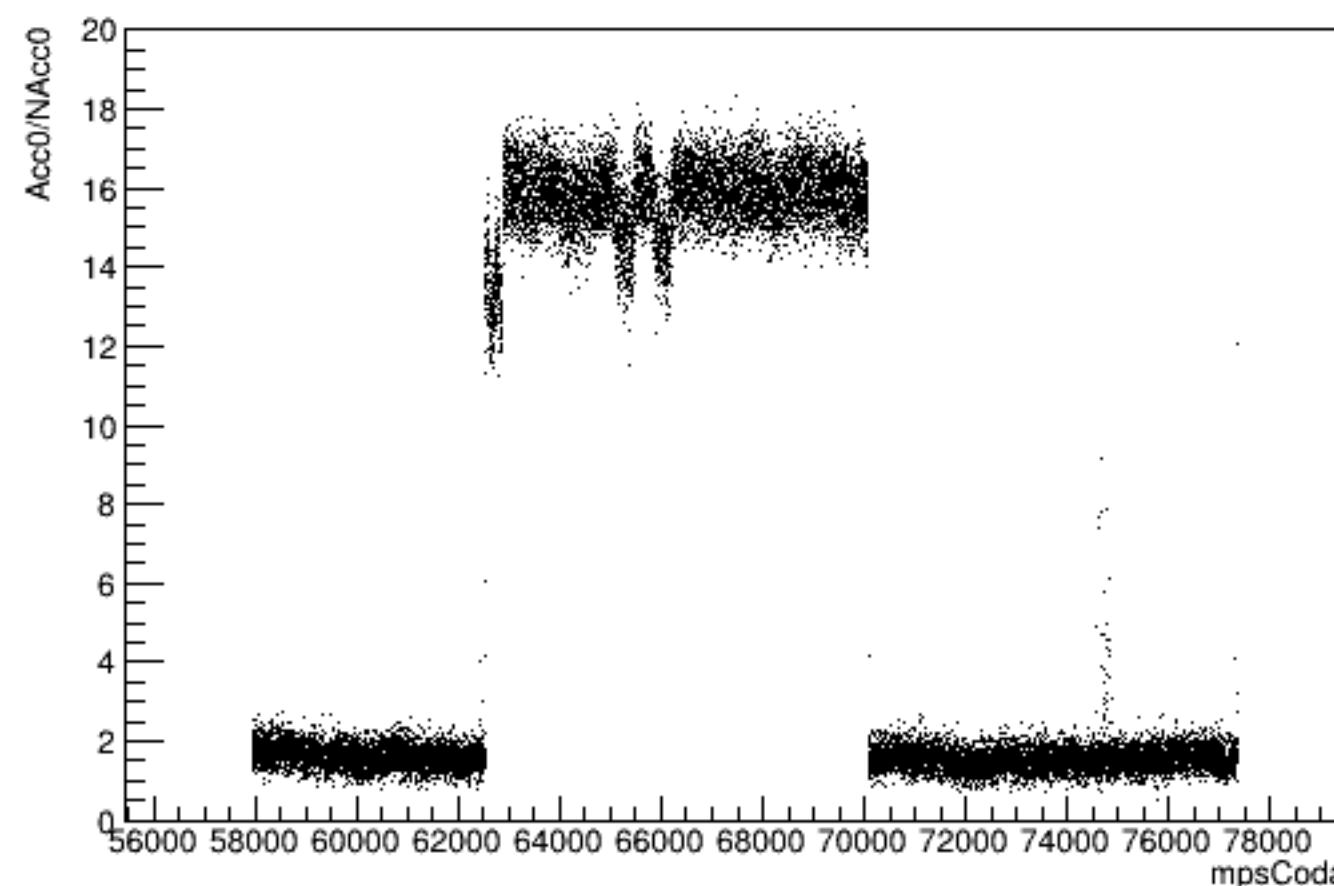
Cycle 1, Asyms

Entries: 419	Entries: 1888	Entries: 704
Mean: -0.0000 +/- 0.0005	Mean: 0.0312 +/- 0.0004	Mean: -0.0001 +/- 0.0003
Std Dev: 0.0097 +/- 0.0003	Std Dev: 0.0180 +/- 0.0003	Std Dev: 0.0093 +/- 0.0002

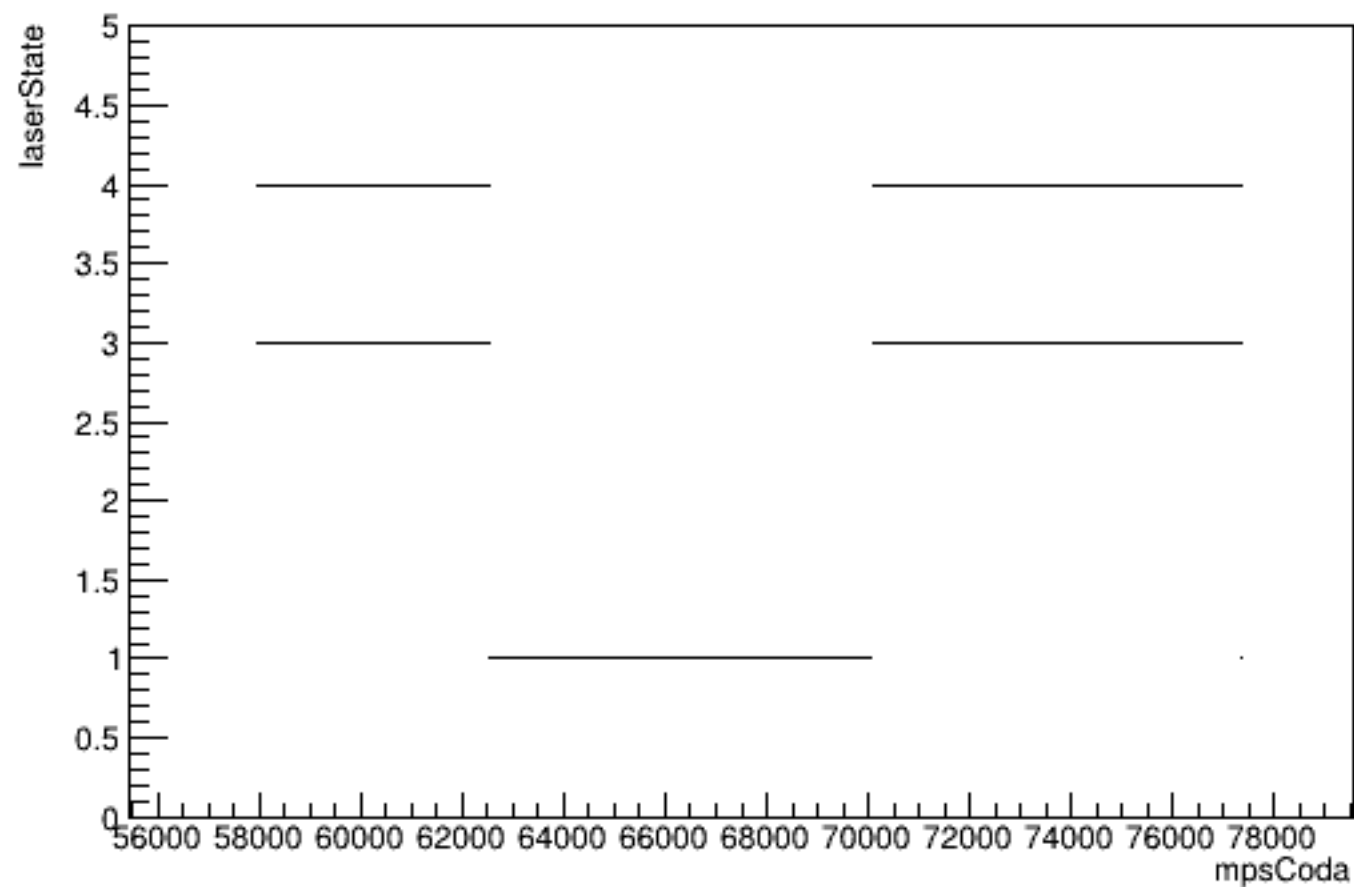
Run 5680 quartetwise, Asyms



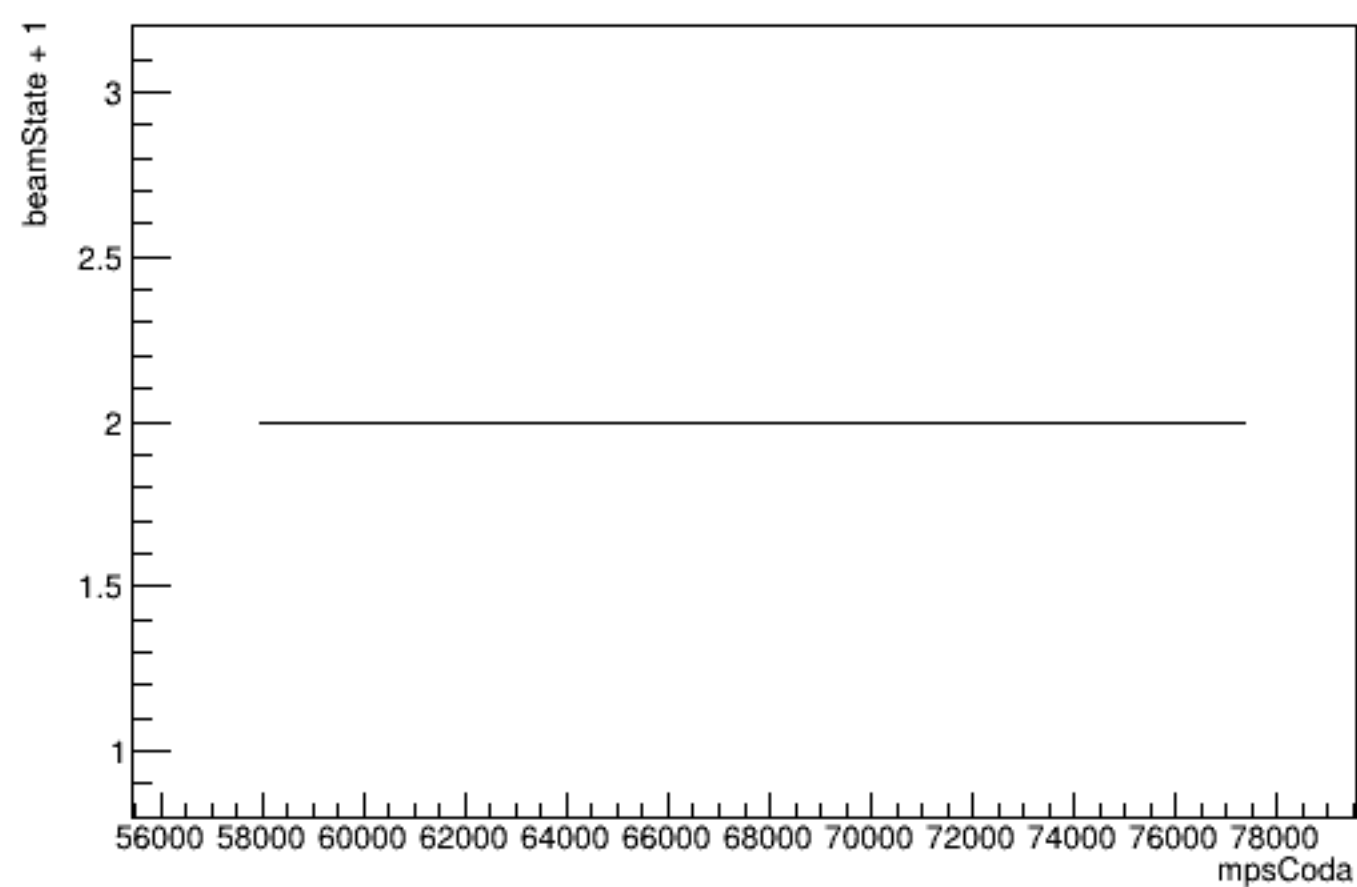
Acc0/NAcc0:mpsCoda {mpsCoda>=57937 && mpsCoda<=77352 && beamState==1}



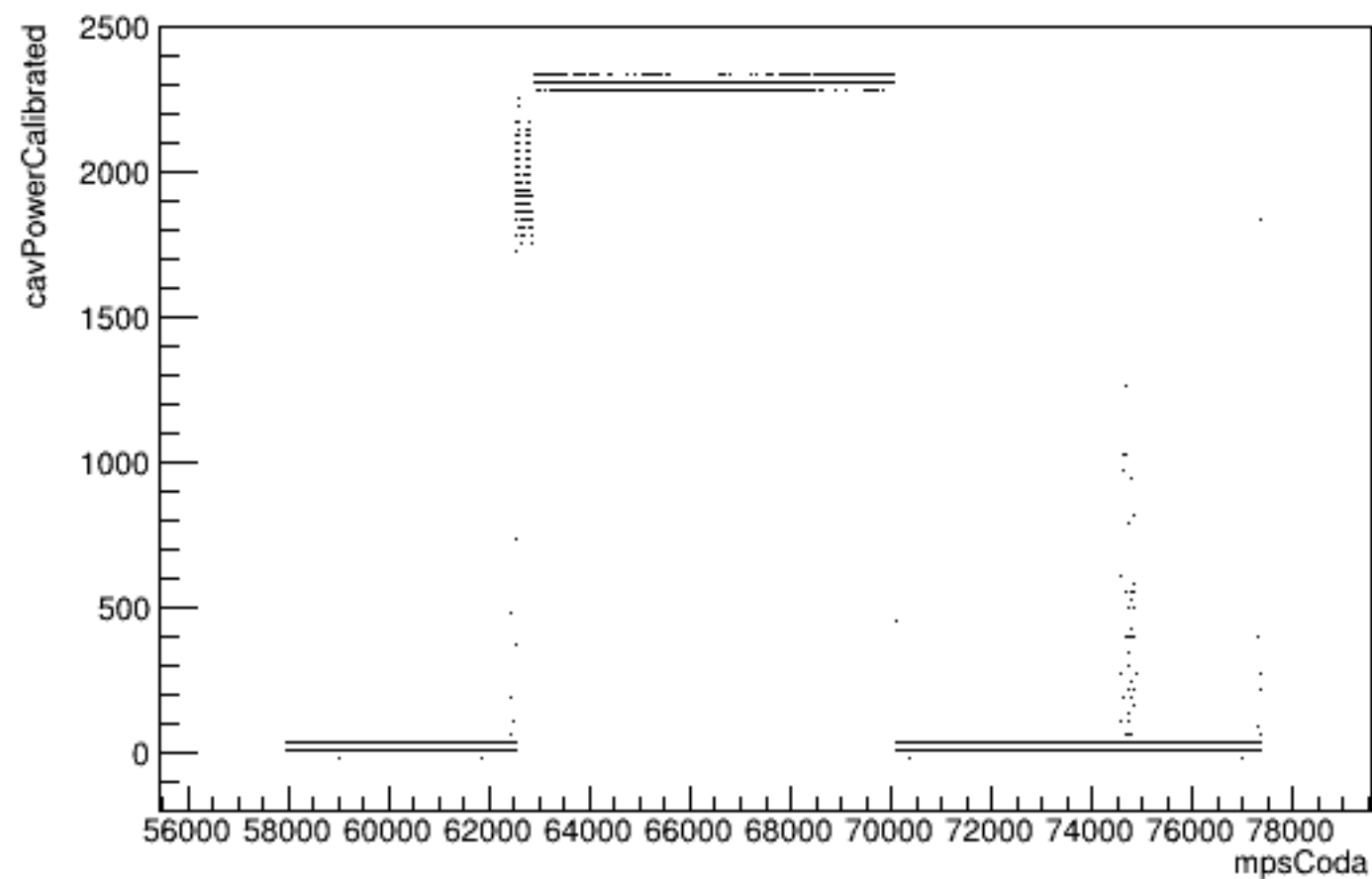
laserState:mpsCoda {mpsCoda>=57937 && mpsCoda<=77352}



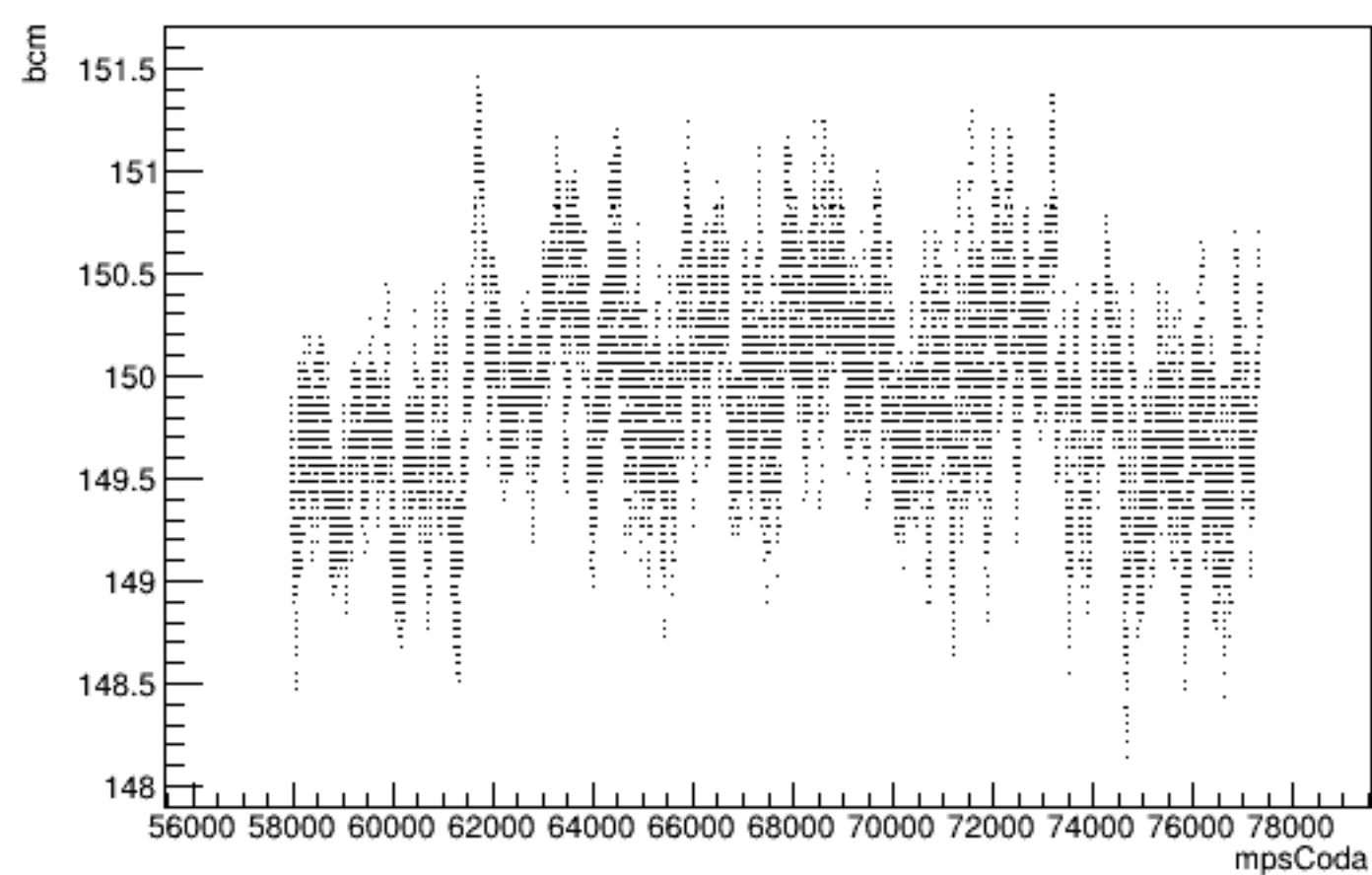
beamState + 1:mpsCoda {mpsCoda>=57937 && mpsCoda<=77352}



cavPowerCalibrated:mpsCoda {mpsCoda>=57937 && mpsCoda<=77352}



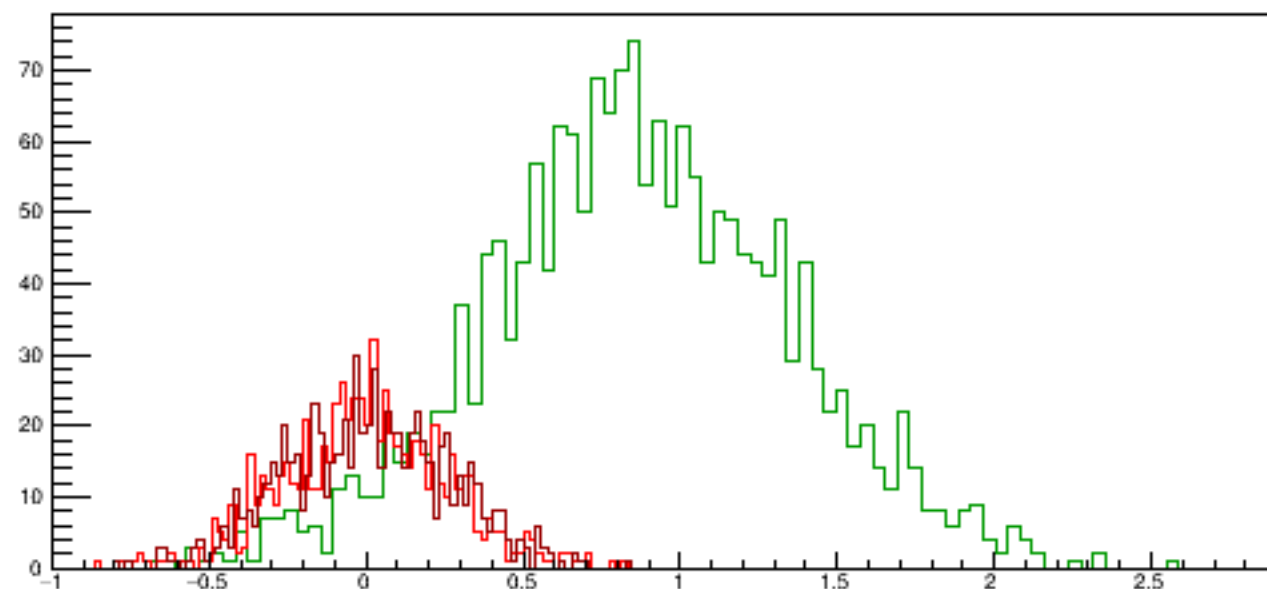
bcm:mpsCoda {mpsCoda>=57937 && mpsCoda<=77352}



Cycle 2, Diffs

Entries: 704	Entries: 1891	Entries: 722
Mean: -0.0038 +/- 0.0098	Mean: 0.8650 +/- 0.0112	Mean: 0.0034 +/- 0.0098
Std Dev: 0.2612 +/- 0.0070	Std Dev: 0.4881 +/- 0.0079	Std Dev: 0.2632 +/- 0.0069

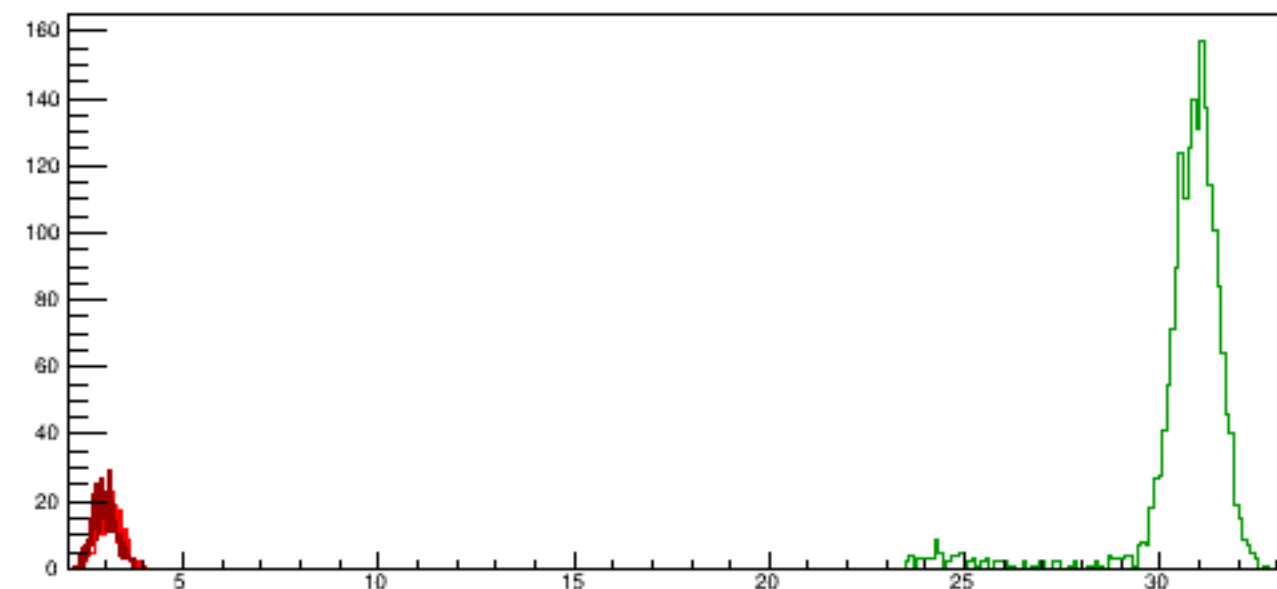
Run 5680 quartetwise, Diffs



Cycle 2, Sums

Entries: 704	Entries: 1891	Entries: 722
Mean: 3.0962 +/- 0.0115	Mean: 30.6574 +/- 0.0306	Mean: 2.9775 +/- 0.0116
Std Dev: 0.3041 +/- 0.0081	Std Dev: 1.3312 +/- 0.0216	Std Dev: 0.3108 +/- 0.0082

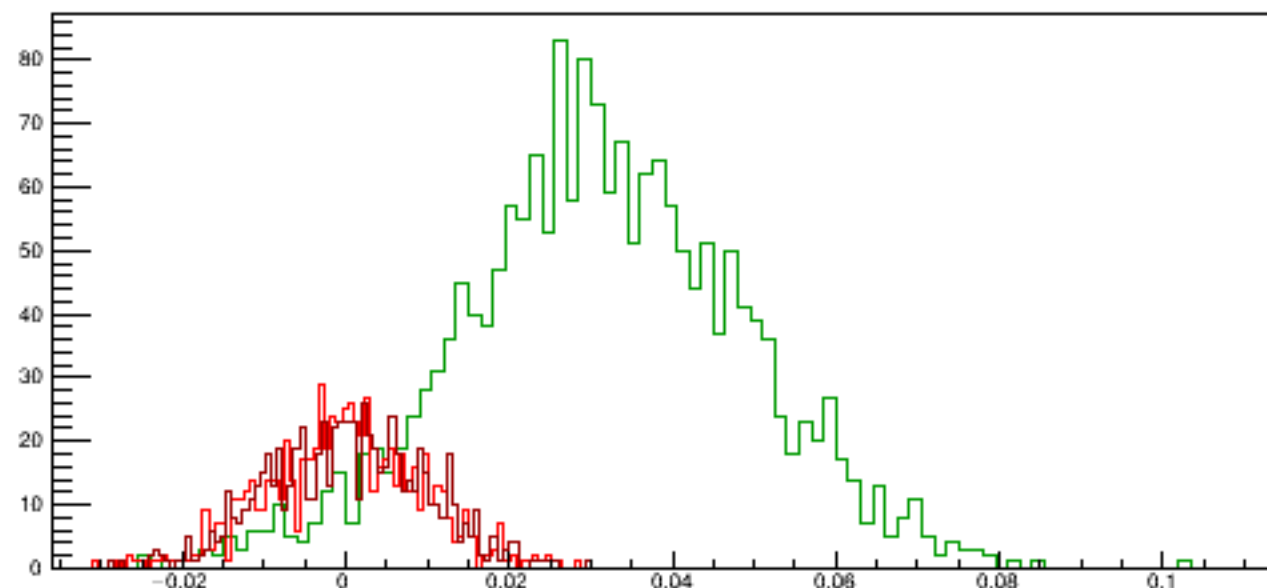
Run 5680 quartetwise, Sums



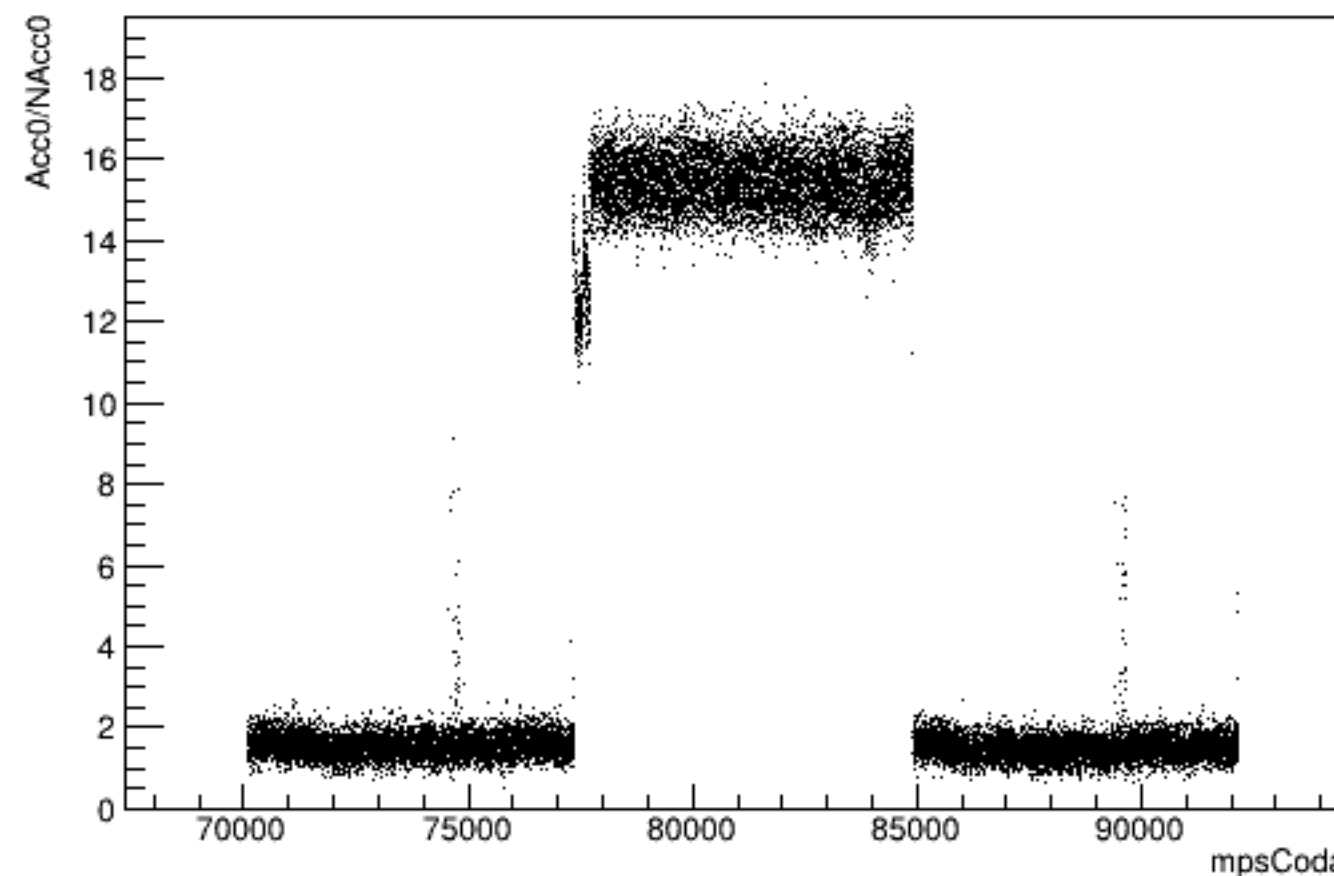
Cycle 2, Asyms

Entries: 704	Entries: 1891	Entries: 722
Mean: -0.0001 +/- 0.0004	Mean: 0.0313 +/- 0.0004	Mean: 0.0001 +/- 0.0004
Std Dev: 0.0095 +/- 0.0003	Std Dev: 0.0176 +/- 0.0003	Std Dev: 0.0095 +/- 0.0003

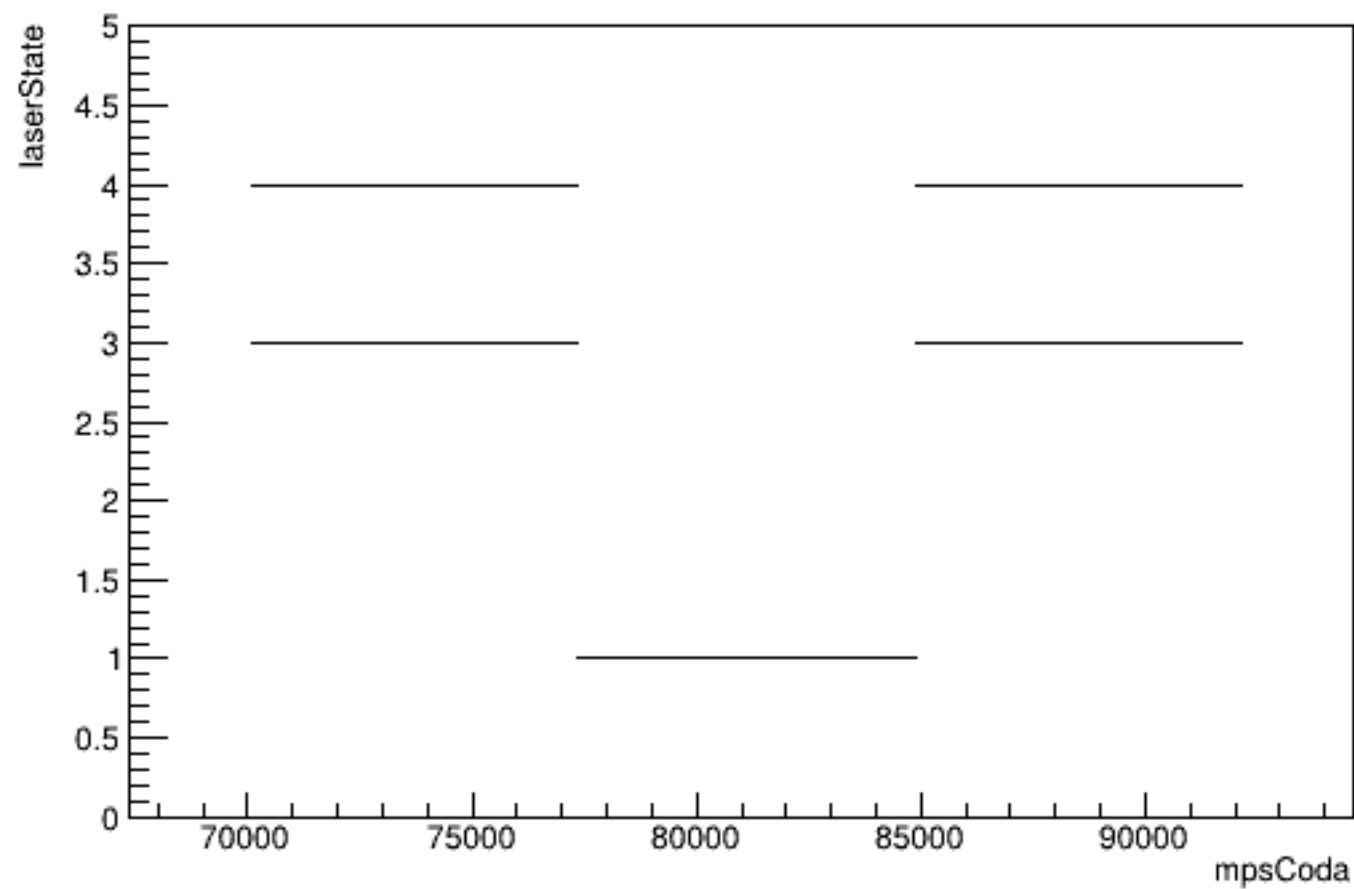
Run 5680 quartetwise, Asyms



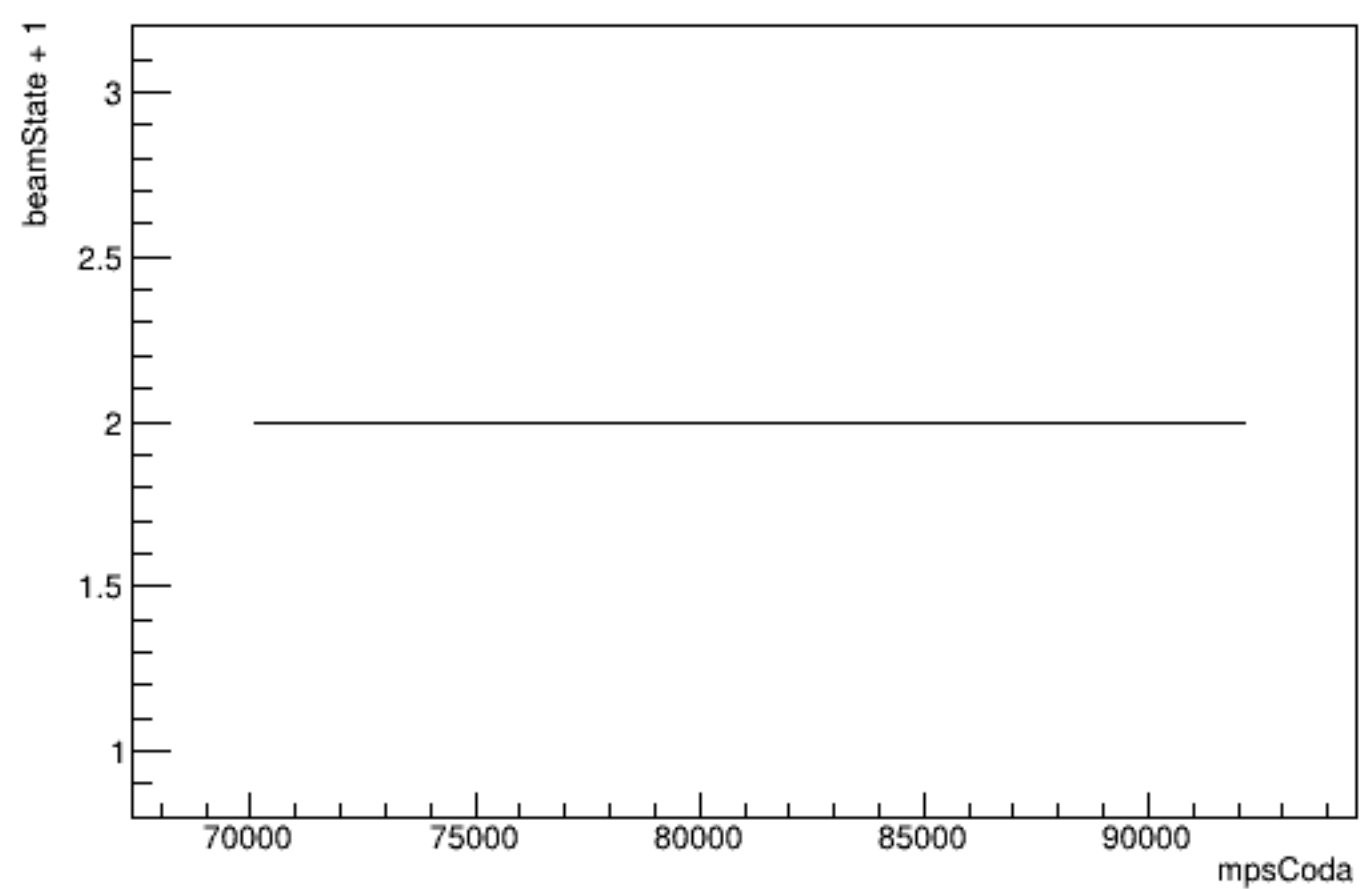
Acc0/NAcc0:mpsCoda {mpsCoda>=70097 && mpsCoda<=92168 && beamState==1}



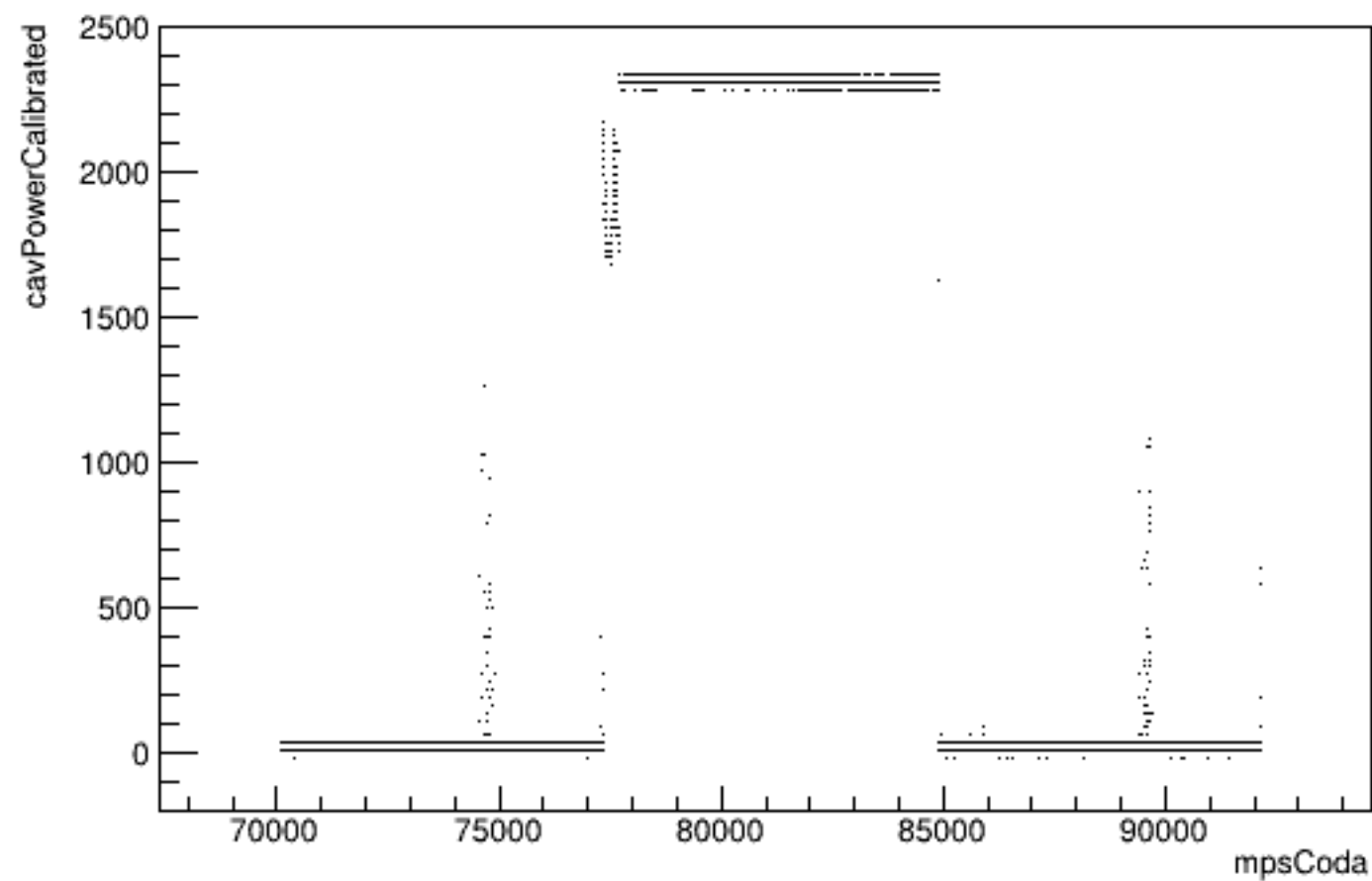
laserState:mpsCoda {mpsCoda>=70097 && mpsCoda<=92168}



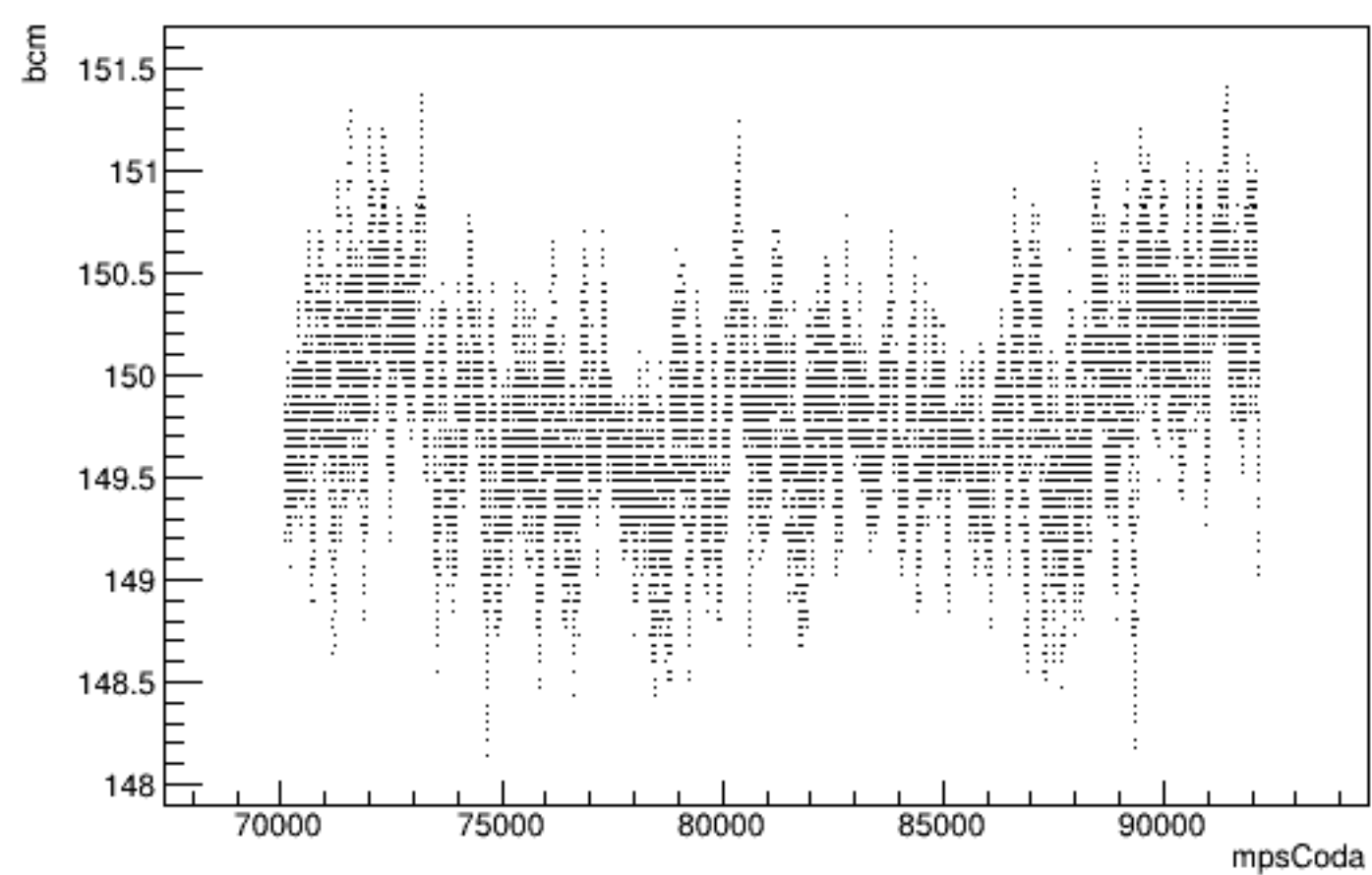
beamState + 1:mpsCoda {mpsCoda>=70097 && mpsCoda<=92168}



cavPowerCalibrated:mpsCoda {mpsCoda>=70097 && mpsCoda<=92168}



bcm:mpsCoda {mpsCoda>=70097 && mpsCoda<=92168}



Cycle 3, Diffs

Entries: 722

Mean: 0.0034 +/- 0.0098

Std Dev: 0.2632 +/- 0.0069

Entries: 1891

Mean: 0.8382 +/- 0.0112

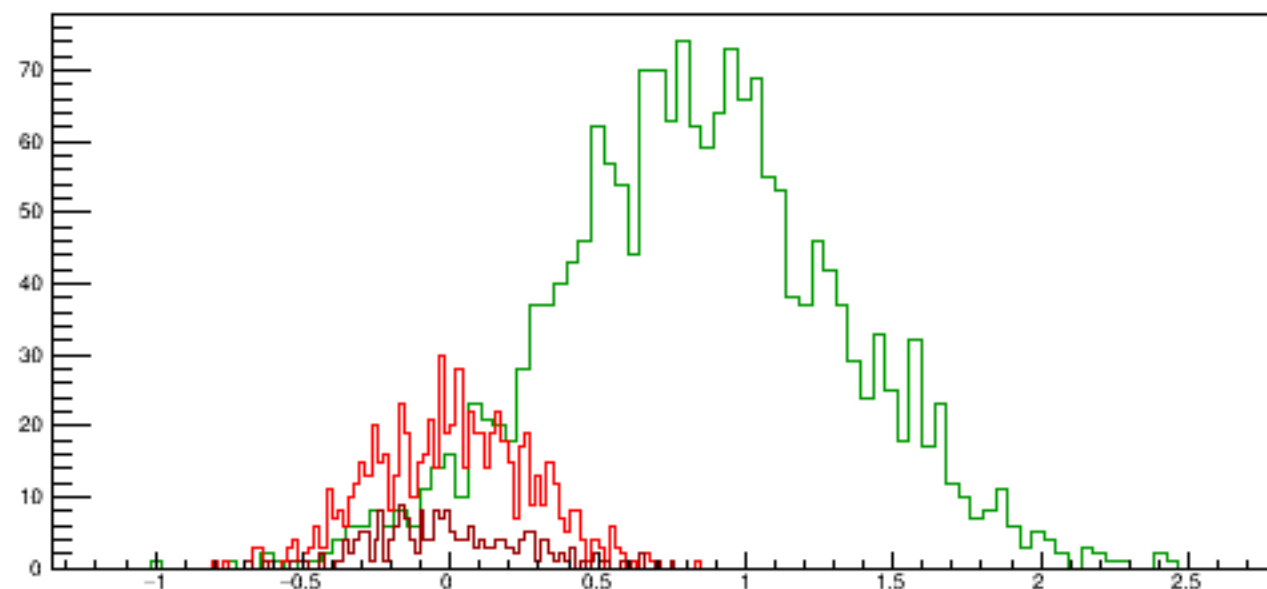
Std Dev: 0.4883 +/- 0.0079

Entries: 212

Mean: -0.0019 +/- 0.0182

Std Dev: 0.2648 +/- 0.0129

Run 5680 quartetwise, Diffs



Cycle 3, Sums

Entries: 722

Mean: 2.9775 +/- 0.0116

Std Dev: 0.3108 +/- 0.0082

Entries: 1891

Mean: 29.7912 +/- 0.0310

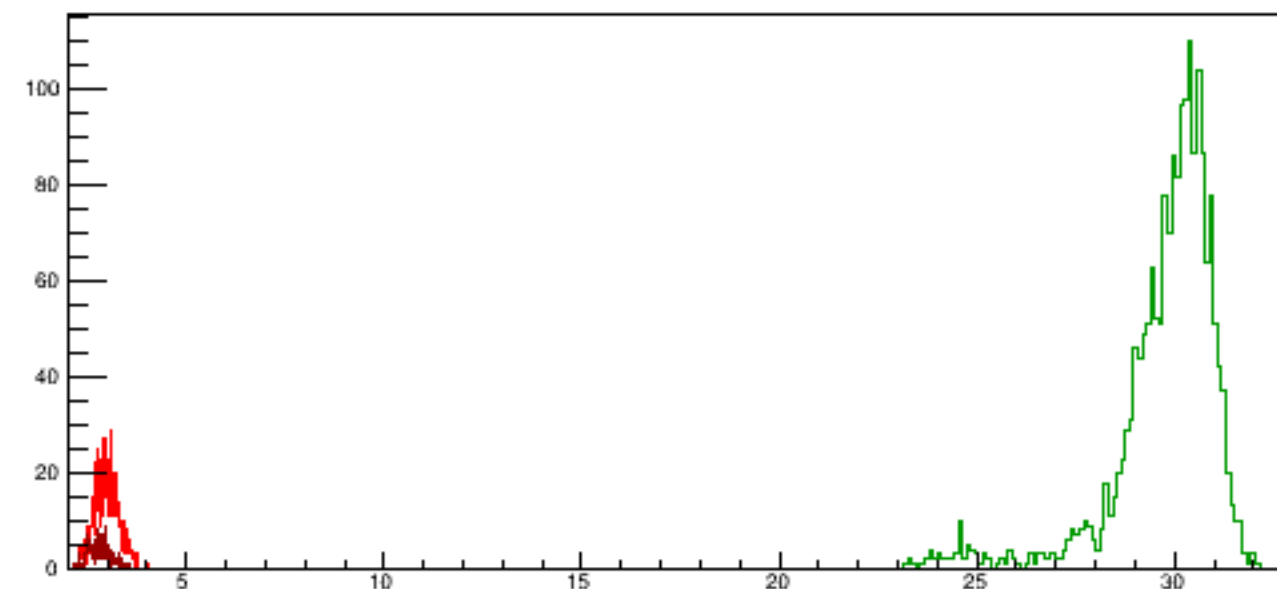
Std Dev: 1.3459 +/- 0.0219

Entries: 212

Mean: 2.7647 +/- 0.0187

Std Dev: 0.2717 +/- 0.0132

Run 5680 quartetwise, Sums



Cycle 3, Asyms

Entries: 722

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0098 +/- 0.0003

Entries: 1891

Mean: 0.0312 +/- 0.0004

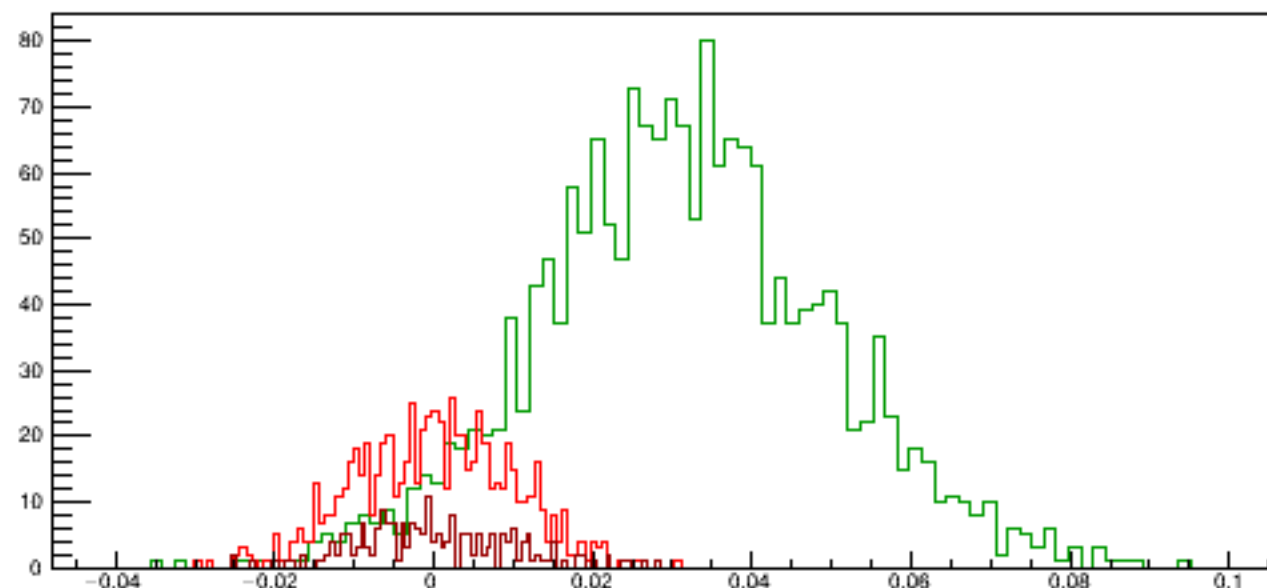
Std Dev: 0.0182 +/- 0.0003

Entries: 212

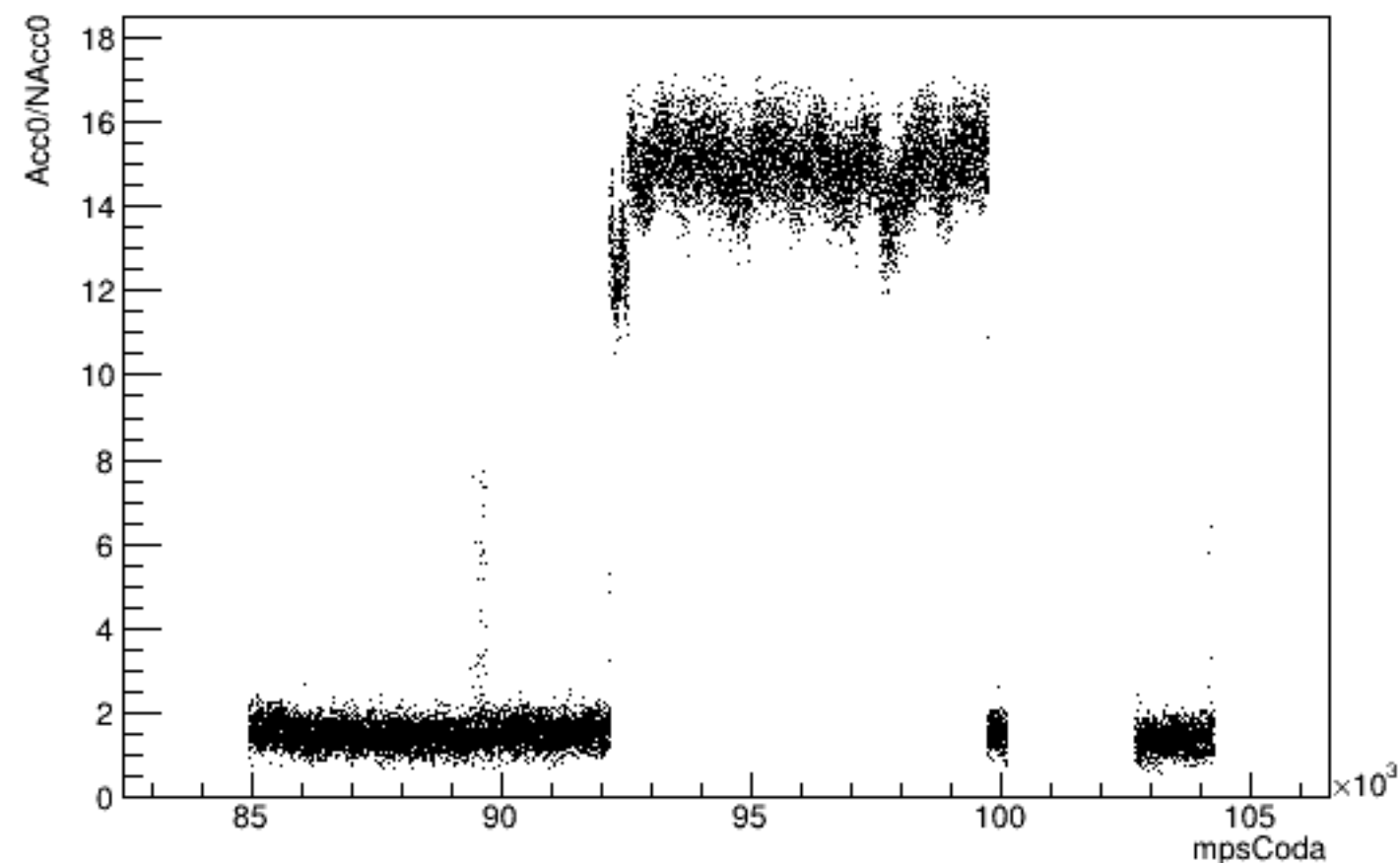
Mean: -0.0001 +/- 0.0007

Std Dev: 0.0098 +/- 0.0005

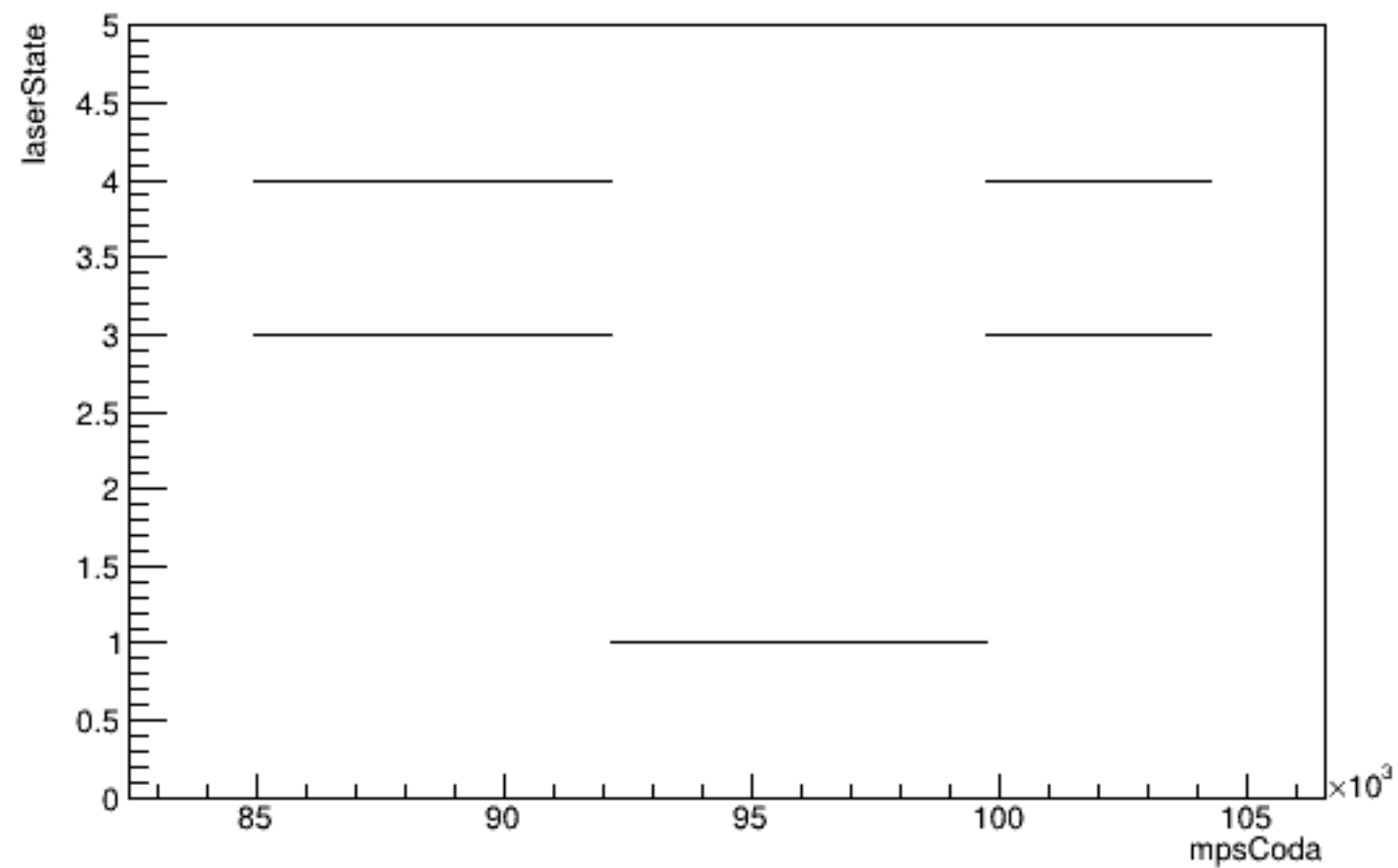
Run 5680 quartetwise, Asyms



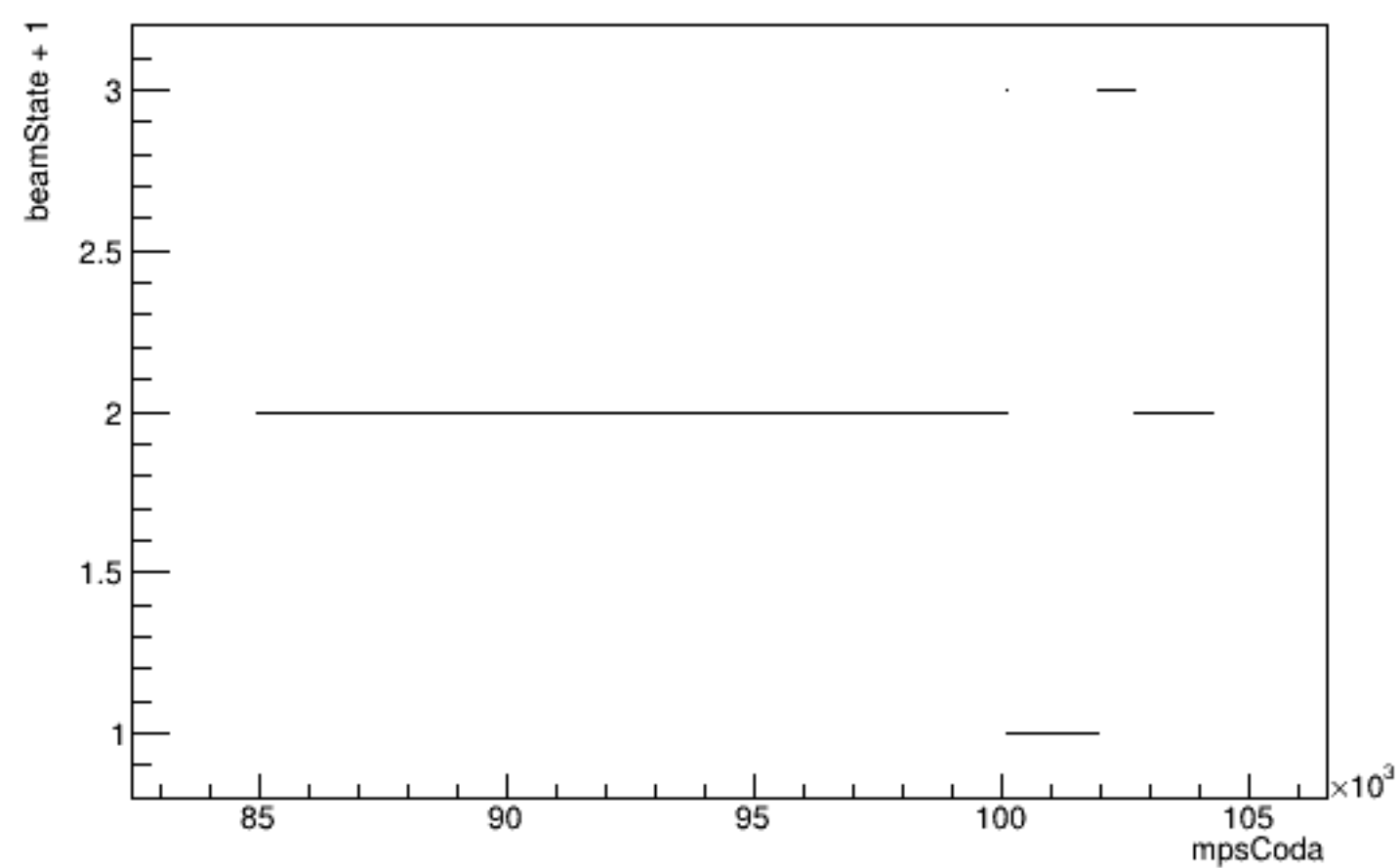
Acc0/NAcc0:mpsCoda {mpsCoda>=84933 && mpsCoda<=104244 && beamState==1}



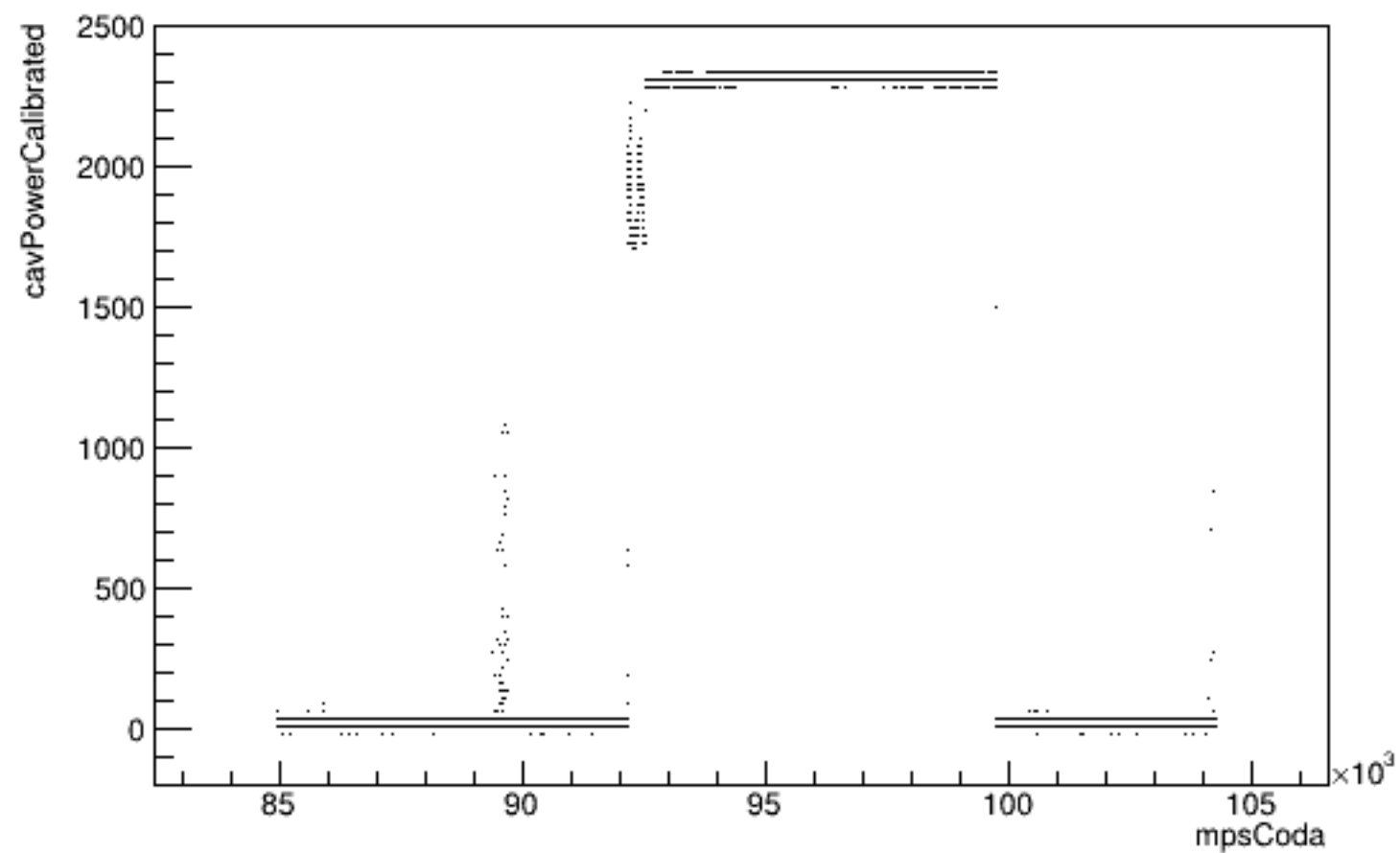
laserState:mpsCoda {mpsCoda>=84933 && mpsCoda<=104244}



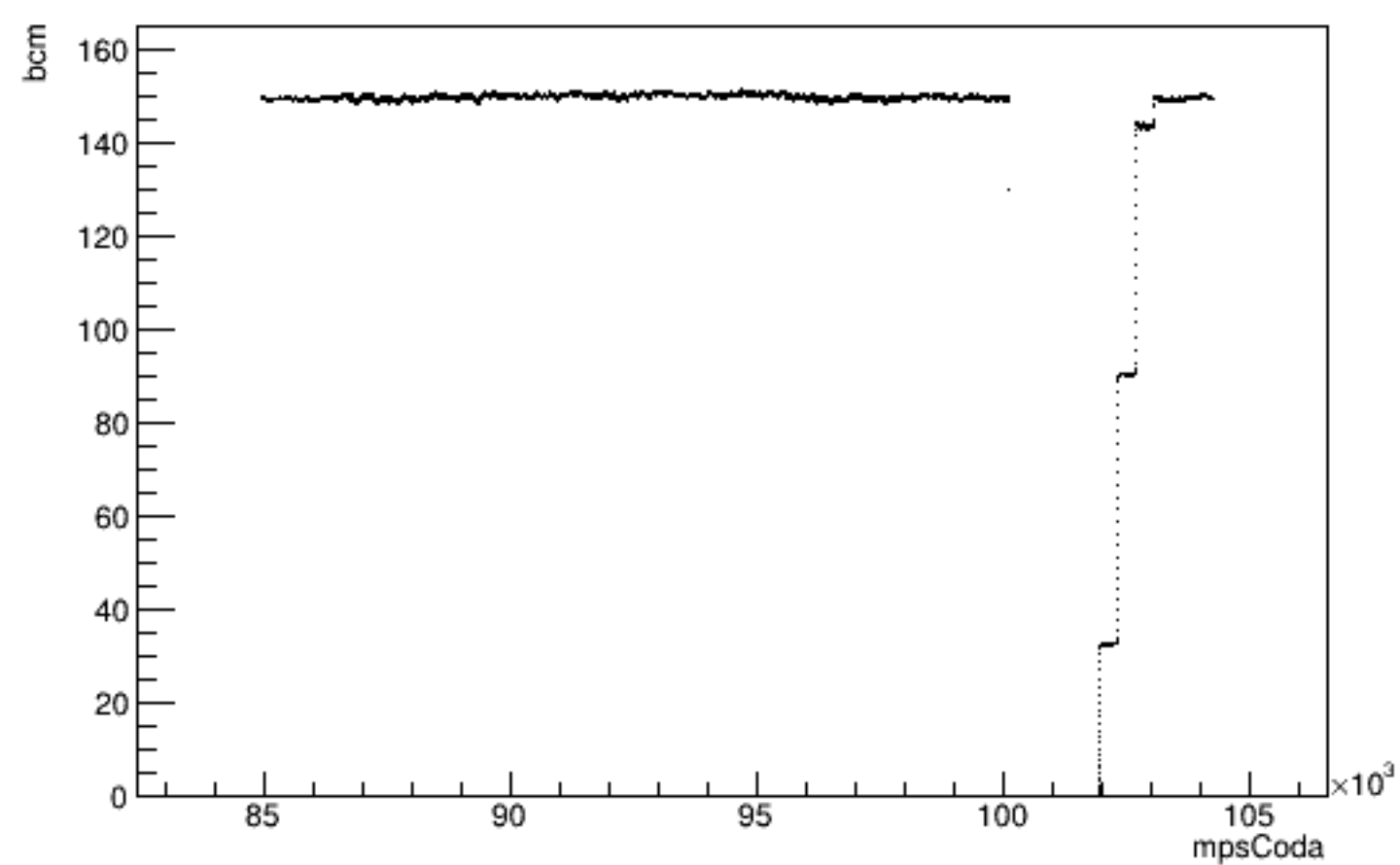
beamState + 1:mpsCoda {mpsCoda>=84933 && mpsCoda<=104244}



cavPowerCalibrated:mpsCoda {mpsCoda>=84933 && mpsCoda<=104244}



bcm:mpsCoda {mpsCoda>=84933 && mpsCoda<=104244}



Cycle 4, Diffs

Entries: 485

Mean: 0.0216 +/- 0.0120

Std Dev: 0.2649 +/- 0.0085

Entries: 1880

Mean: 0.8325 +/- 0.0109

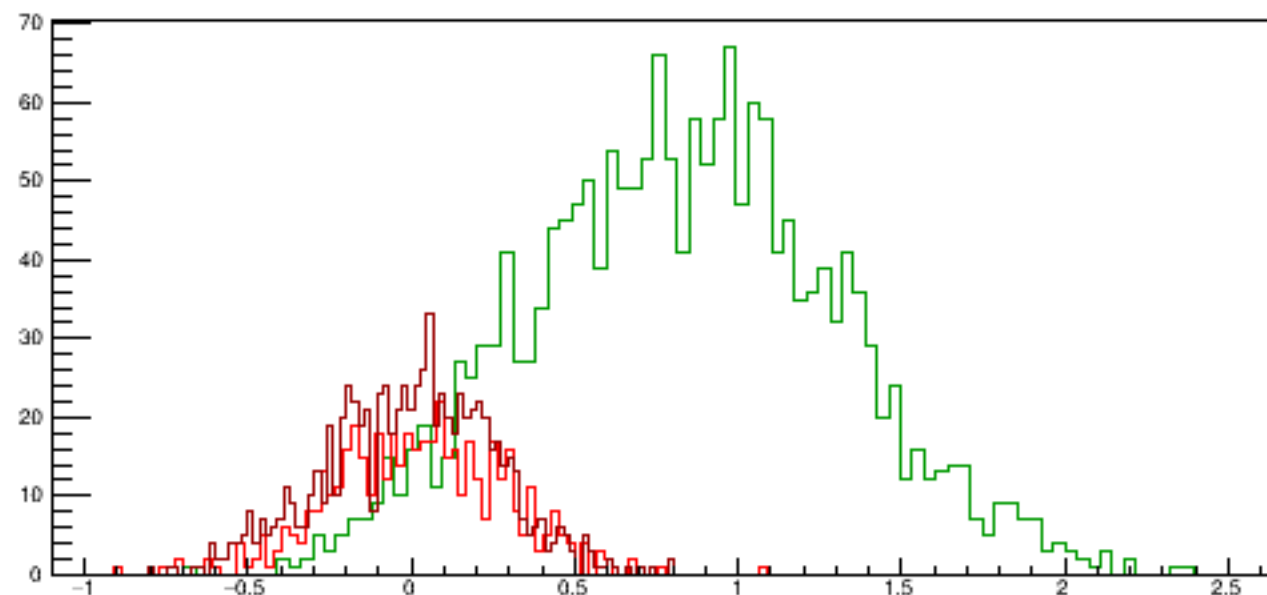
Std Dev: 0.4738 +/- 0.0077

Entries: 809

Mean: -0.0027 +/- 0.0091

Std Dev: 0.2593 +/- 0.0064

Run 5680 quartetwise, Diffs



Cycle 4, Sums

Entries: 485

Mean: 3.0014 +/- 0.0138

Std Dev: 0.3042 +/- 0.0098

Entries: 1880

Mean: 29.3640 +/- 0.0270

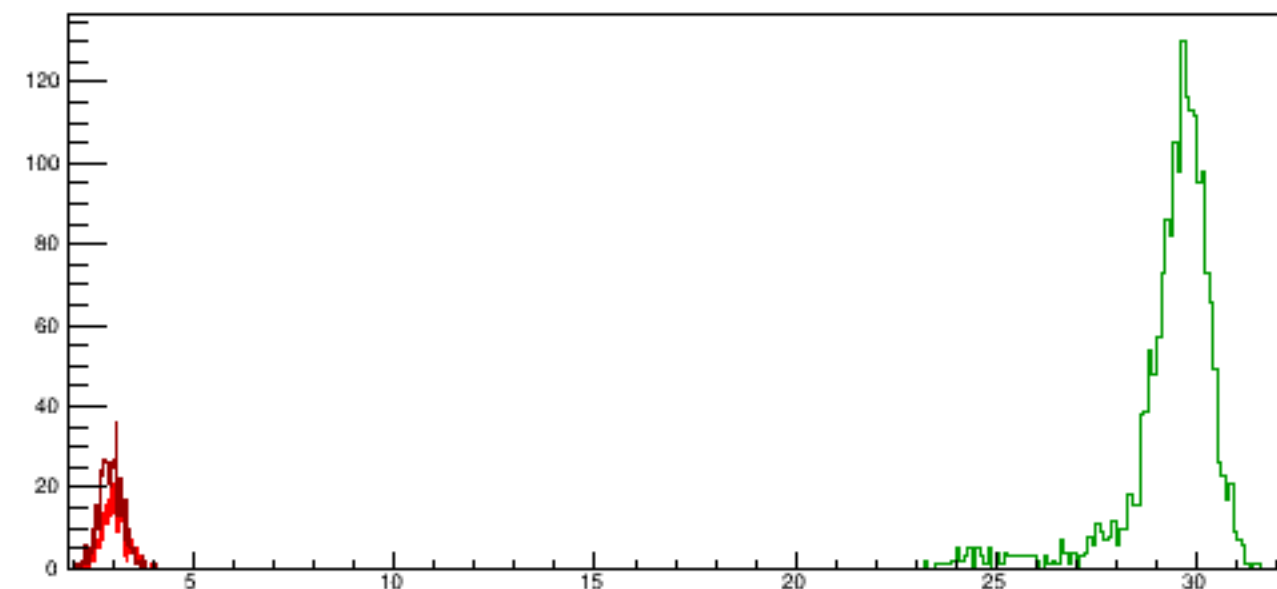
Std Dev: 1.1710 +/- 0.0191

Entries: 809

Mean: 2.9267 +/- 0.0102

Std Dev: 0.2906 +/- 0.0072

Run 5680 quartetwise, Sums



Cycle 4, Asyms

Entries: 485

Mean: 0.0008 +/- 0.0005

Std Dev: 0.0100 +/- 0.0003

Entries: 1880

Mean: 0.0315 +/- 0.0004

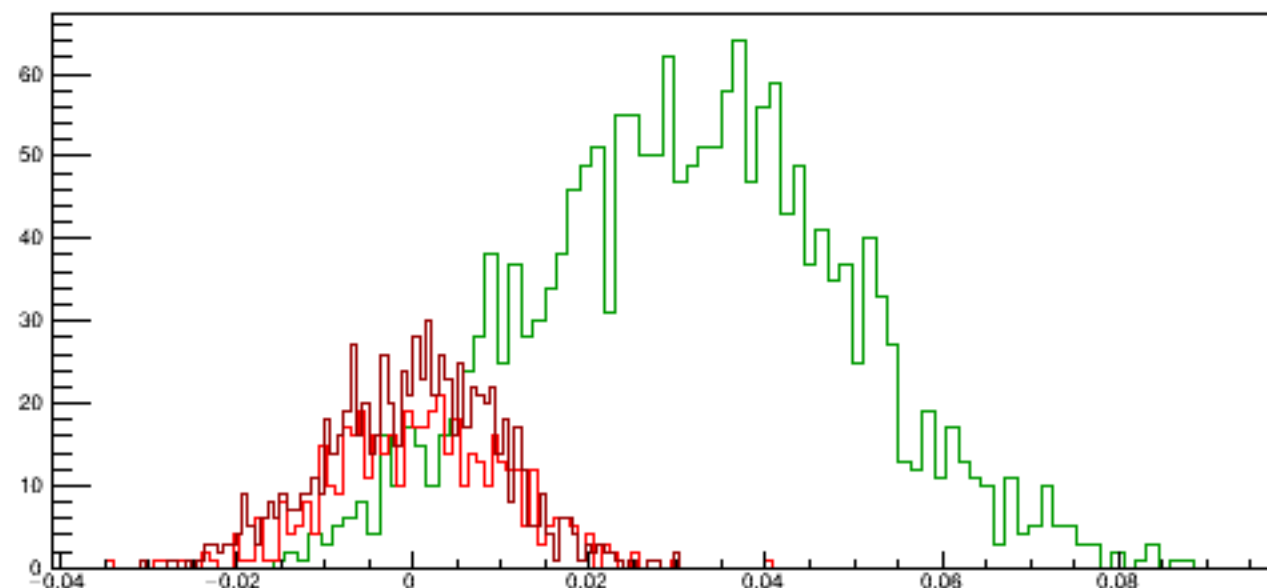
Std Dev: 0.0179 +/- 0.0003

Entries: 809

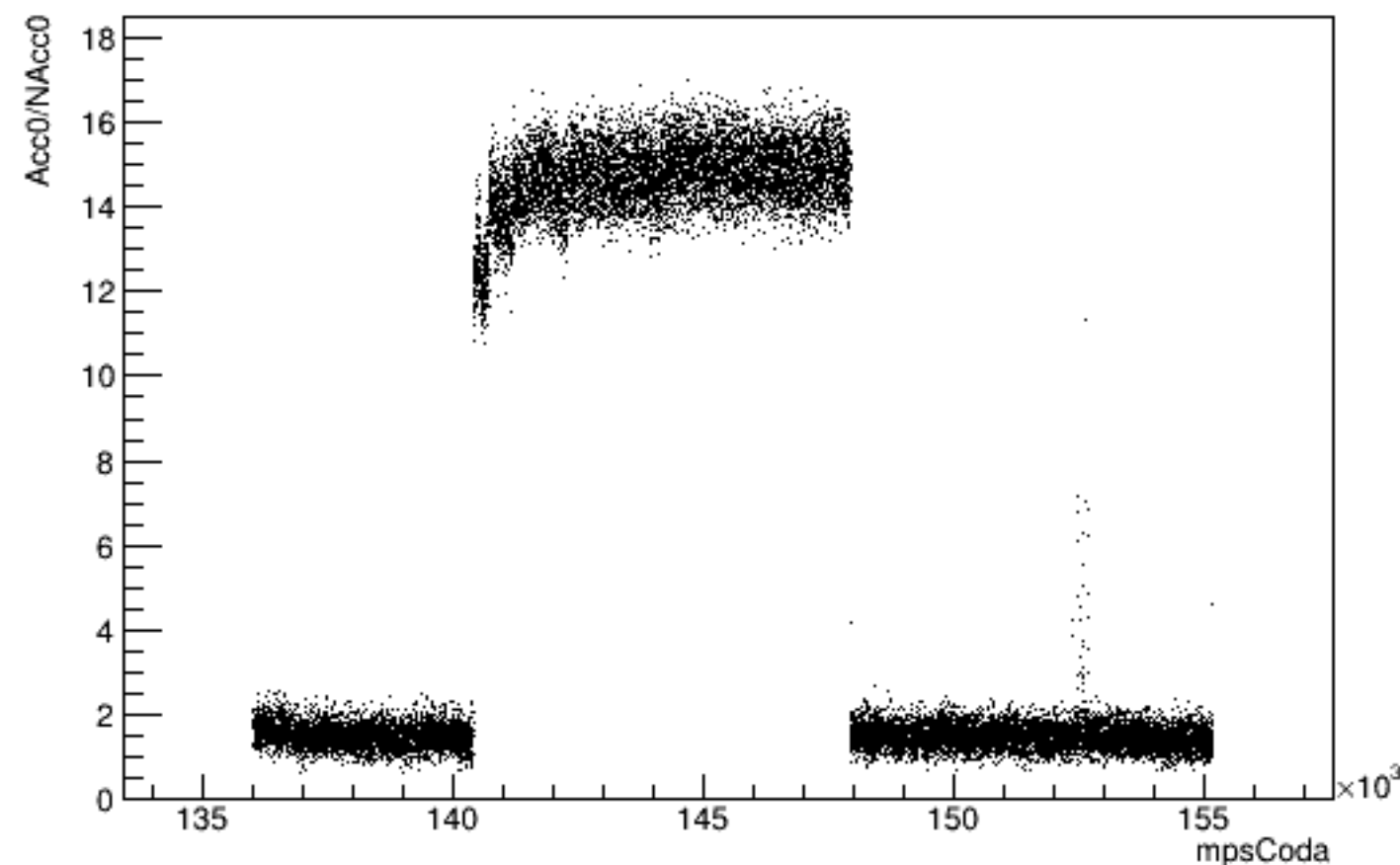
Mean: -0.0001 +/- 0.0003

Std Dev: 0.0098 +/- 0.0002

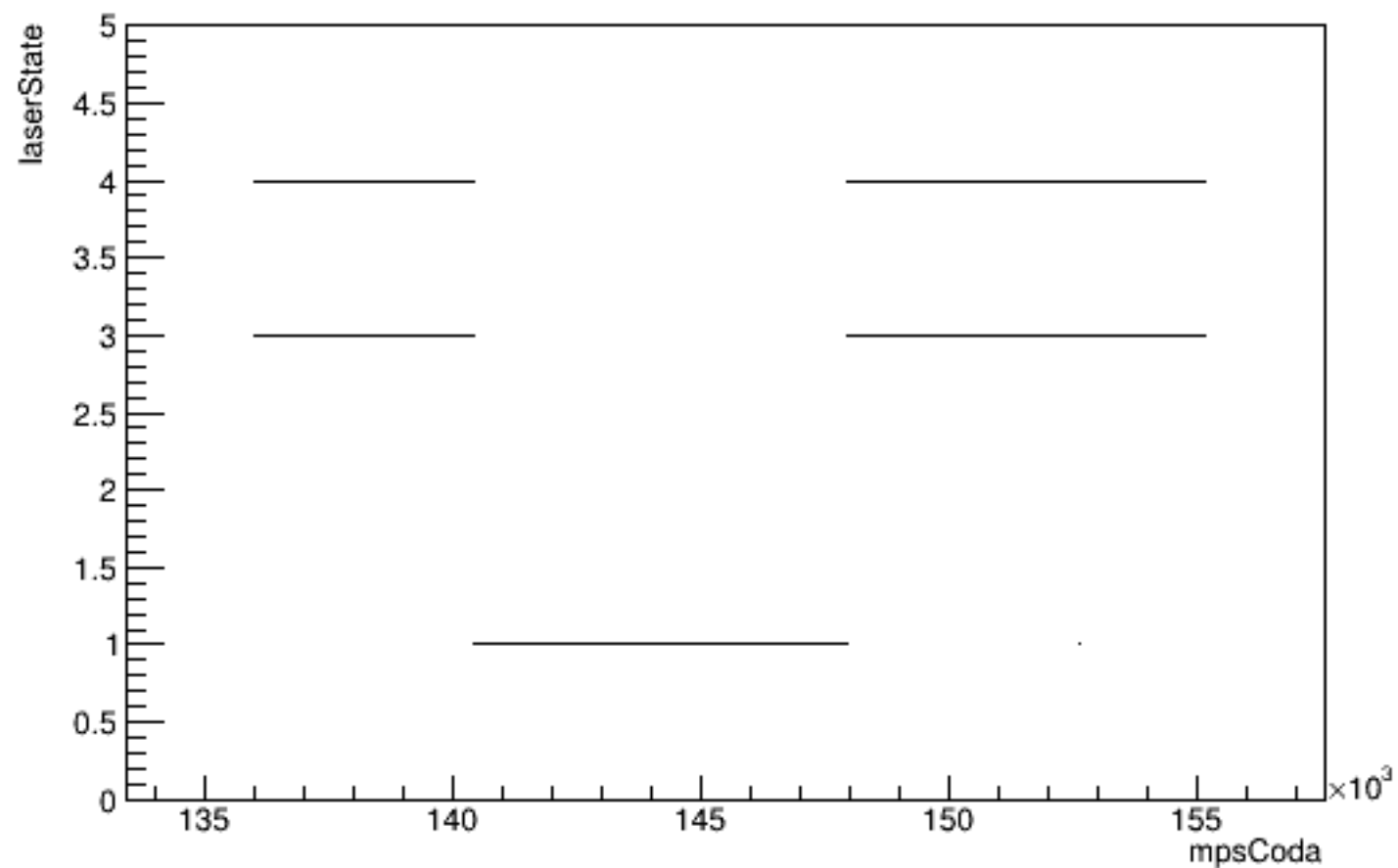
Run 5680 quartetwise, Asyms



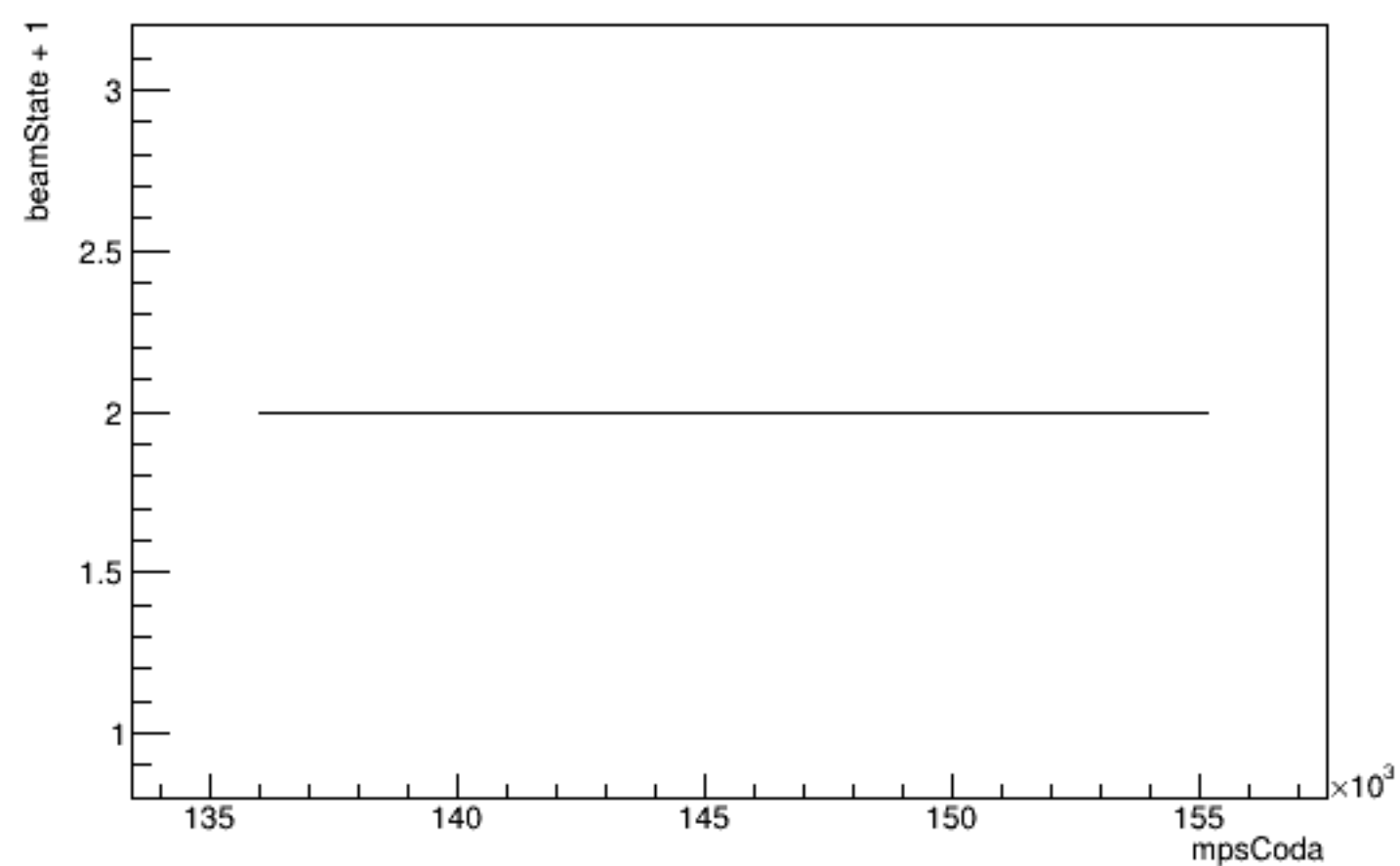
Acc0/NAcc0:mpsCoda (mpsCoda>=136025 && mpsCoda<=155152 && beamState==1)



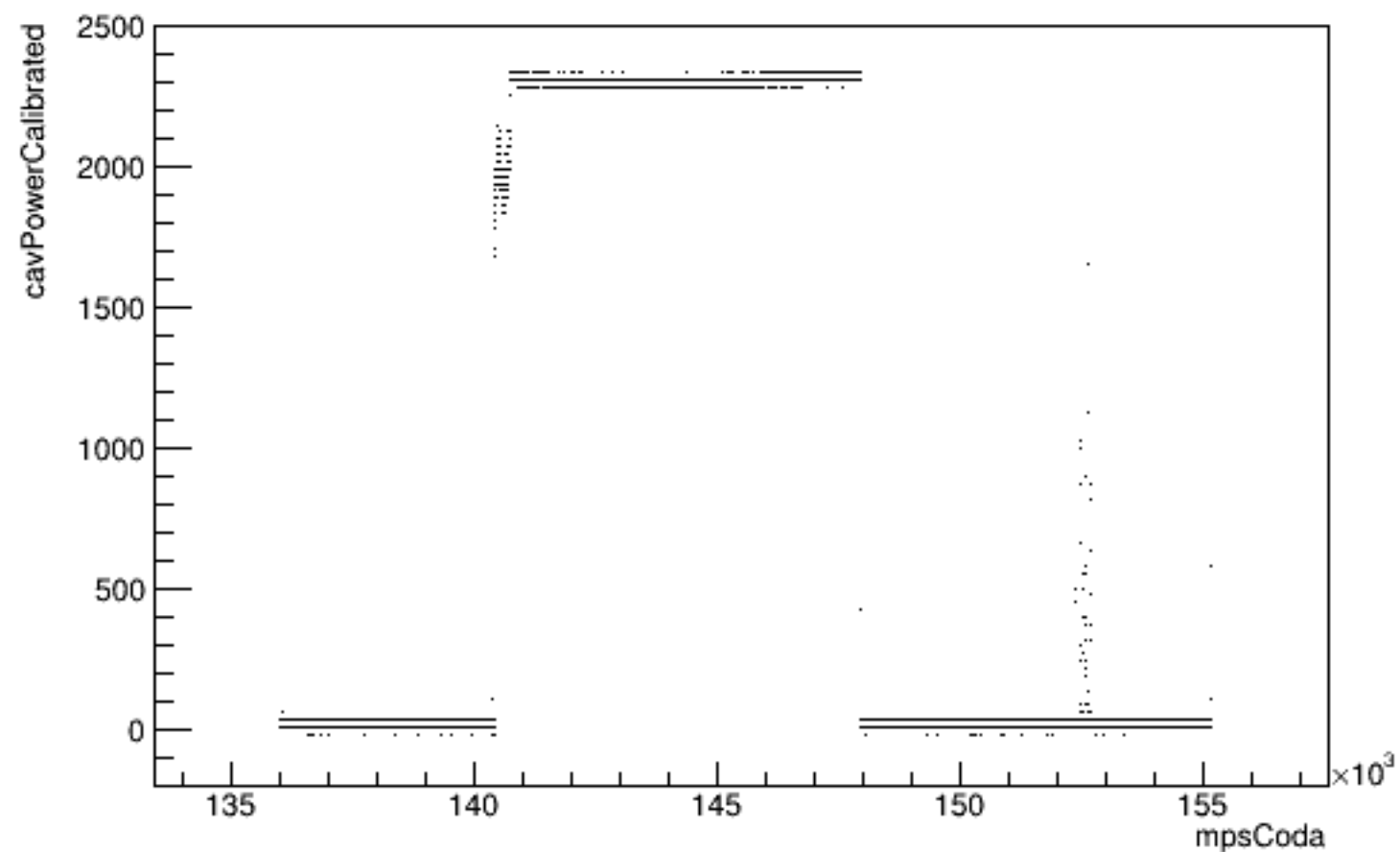
laserState:mpsCoda {mpsCoda>=136025 && mpsCoda<=155152}



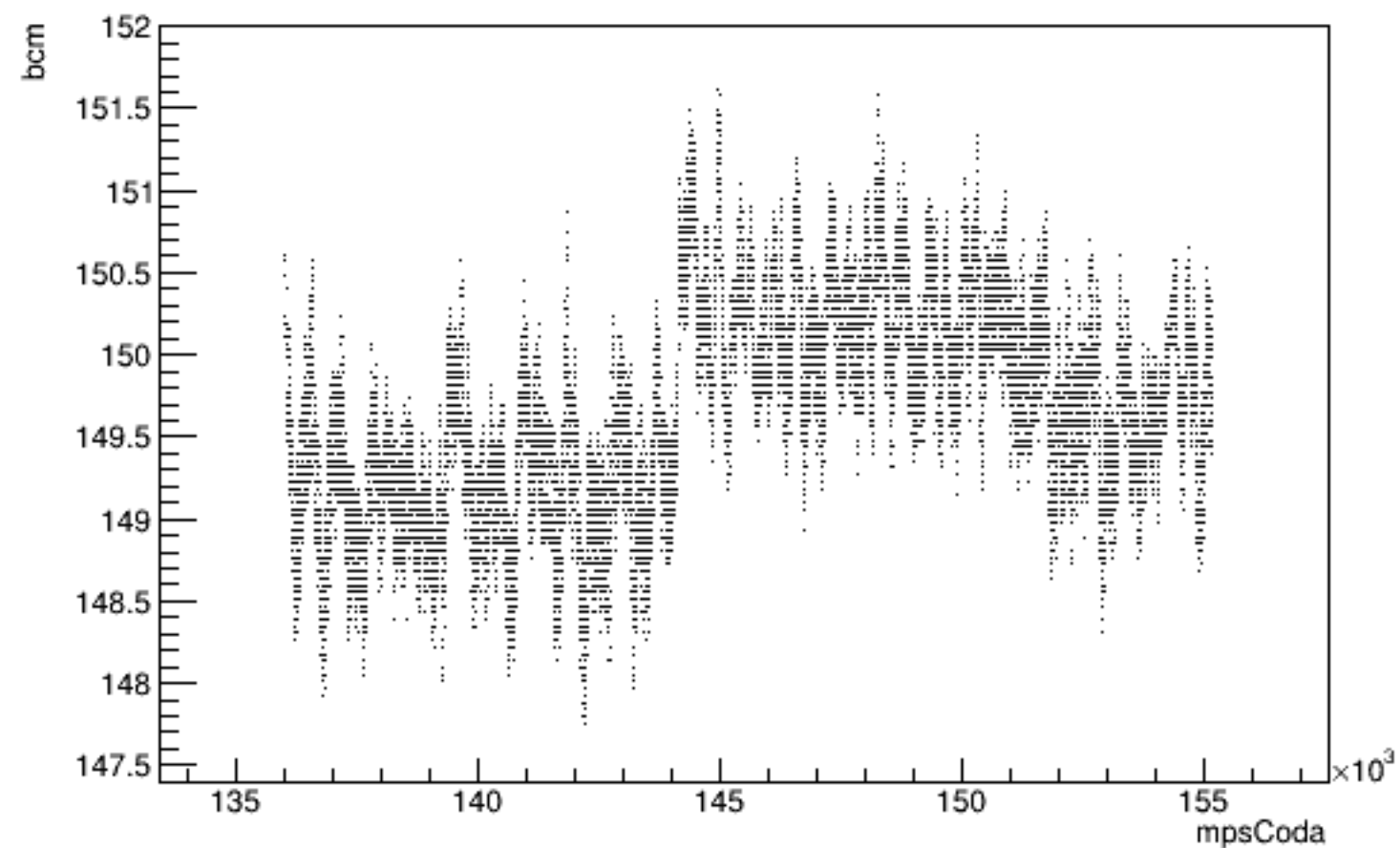
beamState + 1:mpsCoda {mpsCoda>=136025 && mpsCoda<=155152}



cavPowerCalibrated:mpsCoda {mpsCoda>=136025 && mpsCoda<=155152}



bcm:mpsCoda {mpsCoda>=136025 && mpsCoda<=155152}



Cycle 5, Diffs

Entries: 809

Mean: -0.0027 +/- 0.0091

Std Dev: 0.2593 +/- 0.0064

Entries: 1877

Mean: 0.8090 +/- 0.0105

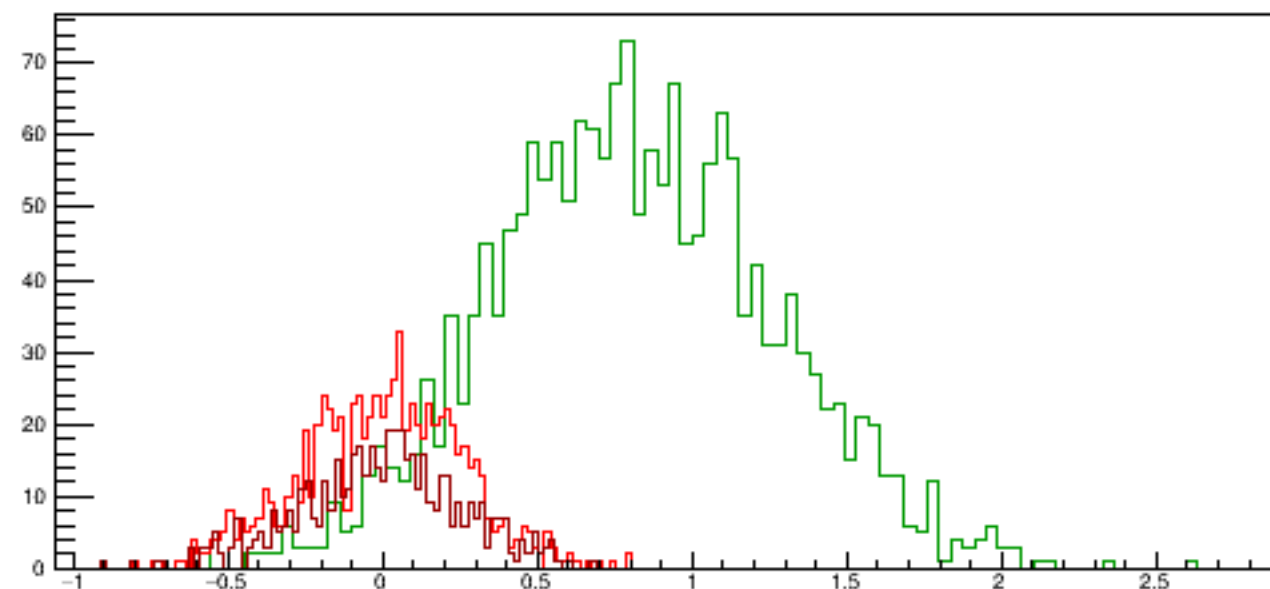
Std Dev: 0.4567 +/- 0.0075

Entries: 512

Mean: -0.0061 +/- 0.0116

Std Dev: 0.2620 +/- 0.0082

Run 5680 quartetwise, Diffs



Cycle 5, Sums

Entries: 809

Mean: 2.9267 +/- 0.0102

Std Dev: 0.2906 +/- 0.0072

Entries: 1877

Mean: 29.0386 +/- 0.0352

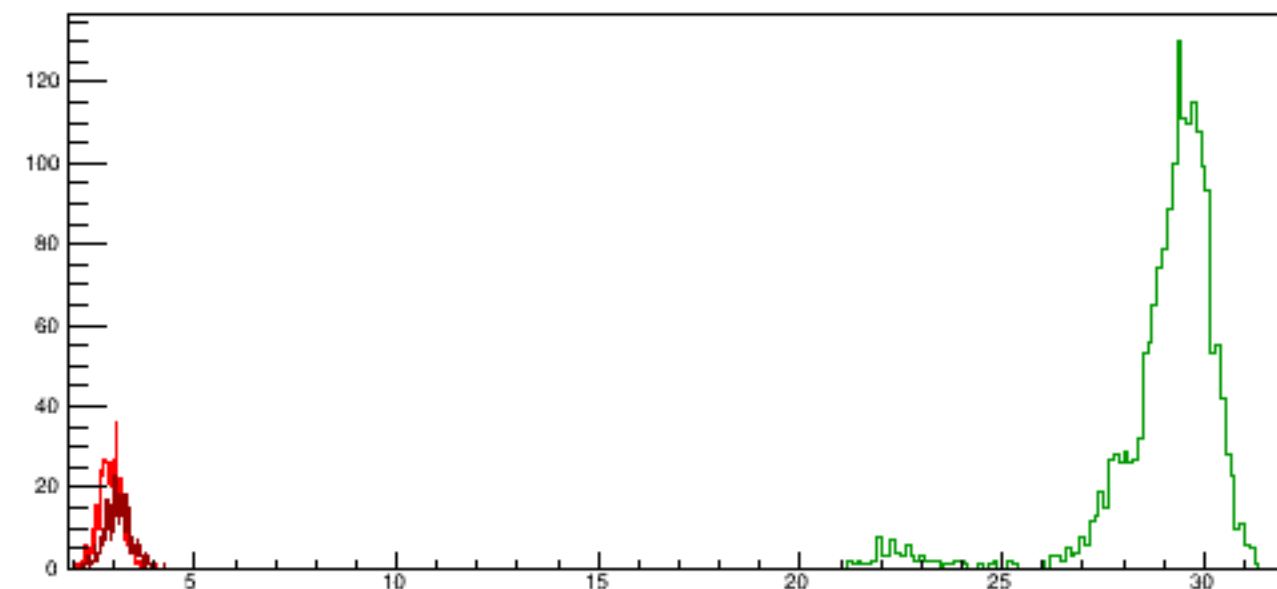
Std Dev: 1.5232 +/- 0.0249

Entries: 512

Mean: 3.1115 +/- 0.0143

Std Dev: 0.3228 +/- 0.0101

Run 5680 quartetwise, Sums



Cycle 5, Asyms

Entries: 809

Mean: -0.0001 +/- 0.0004

Std Dev: 0.0100 +/- 0.0002

Entries: 1877

Mean: 0.0311 +/- 0.0004

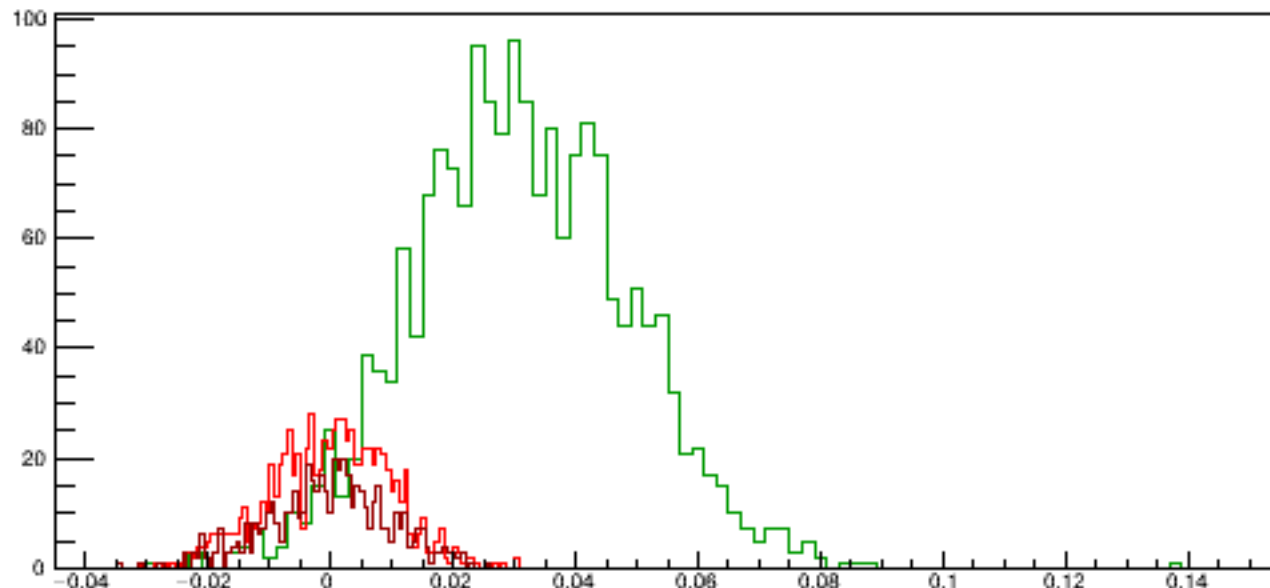
Std Dev: 0.0176 +/- 0.0003

Entries: 512

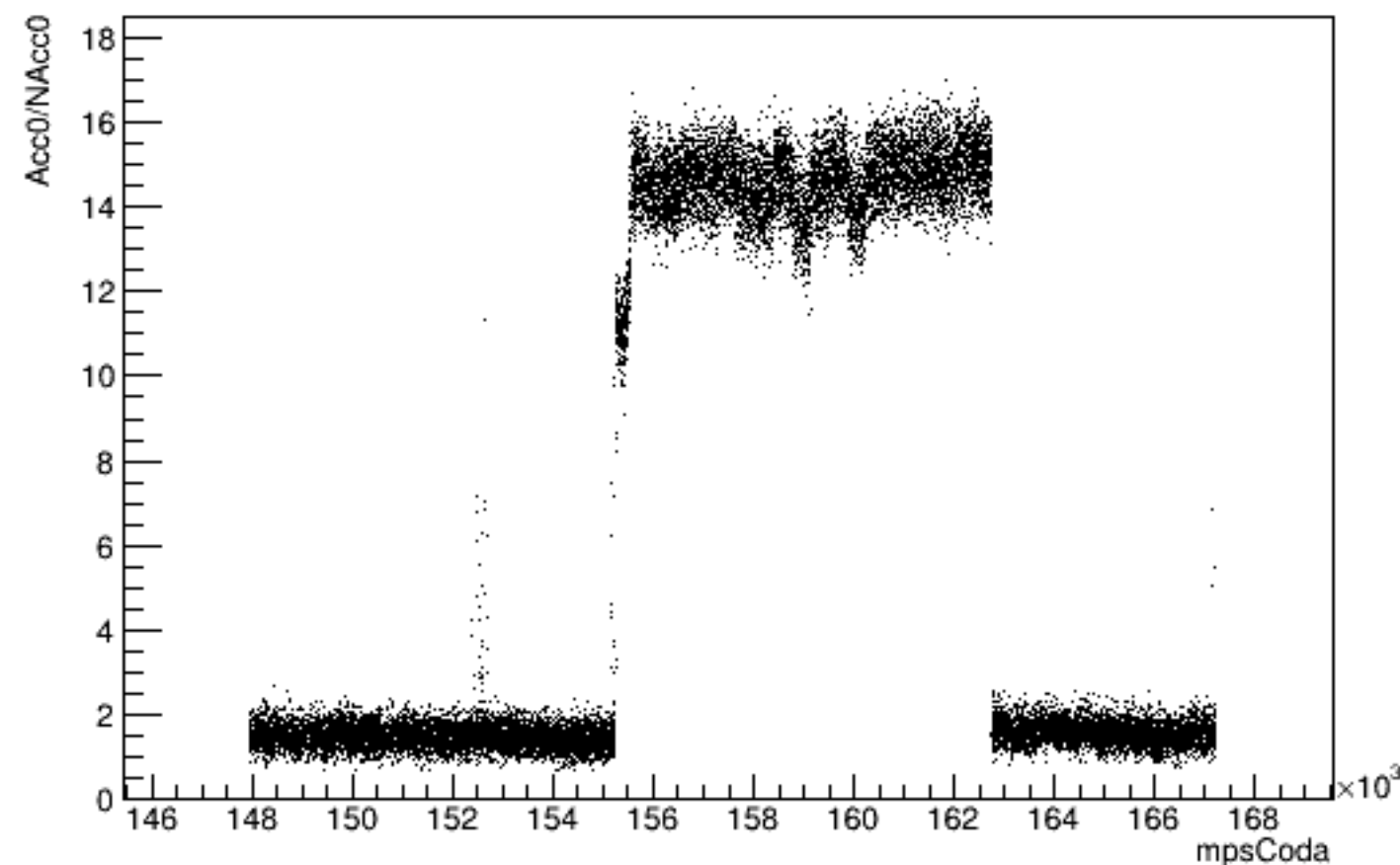
Mean: -0.0002 +/- 0.0004

Std Dev: 0.0101 +/- 0.0003

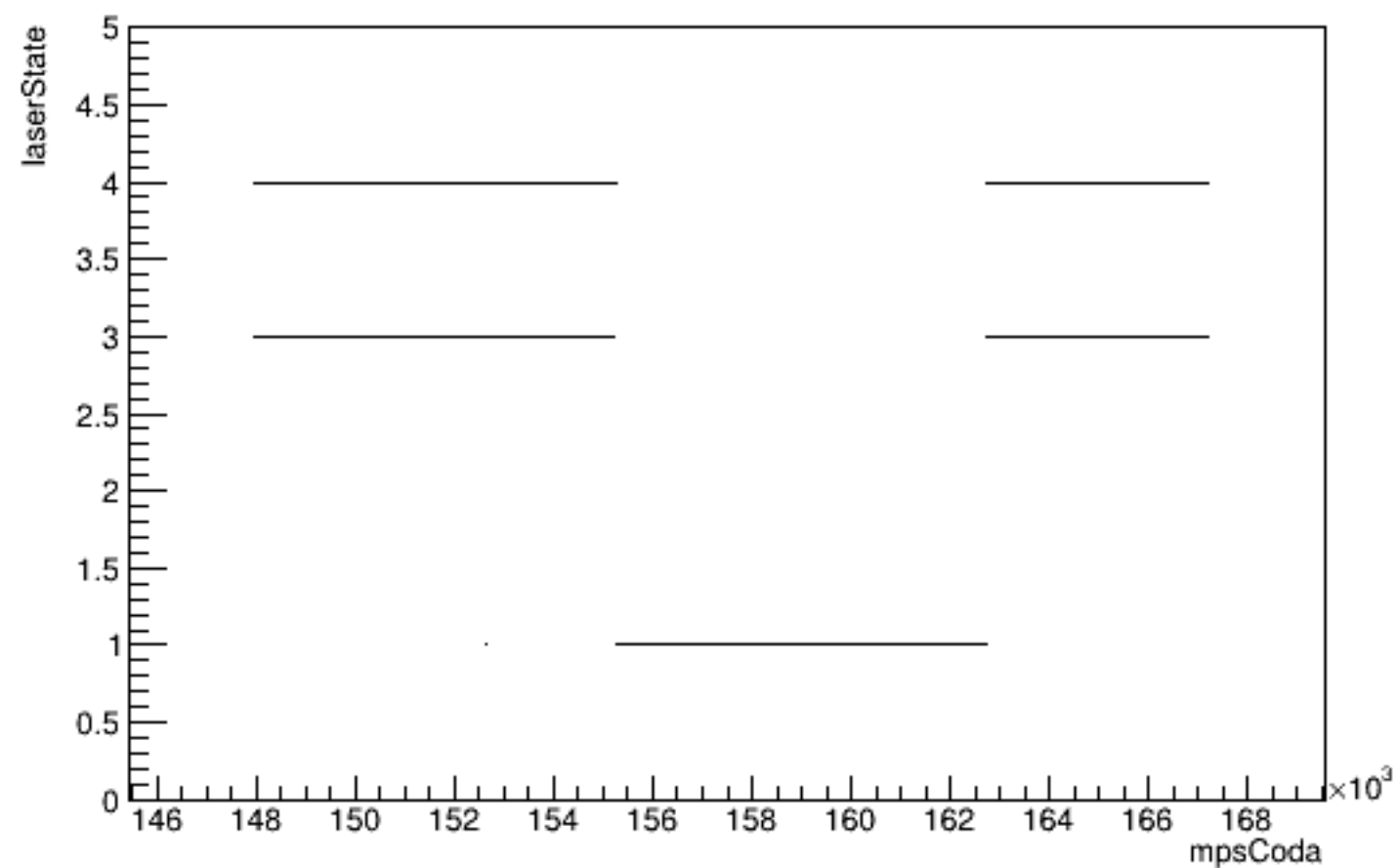
Run 5680 quartetwise, Asyms



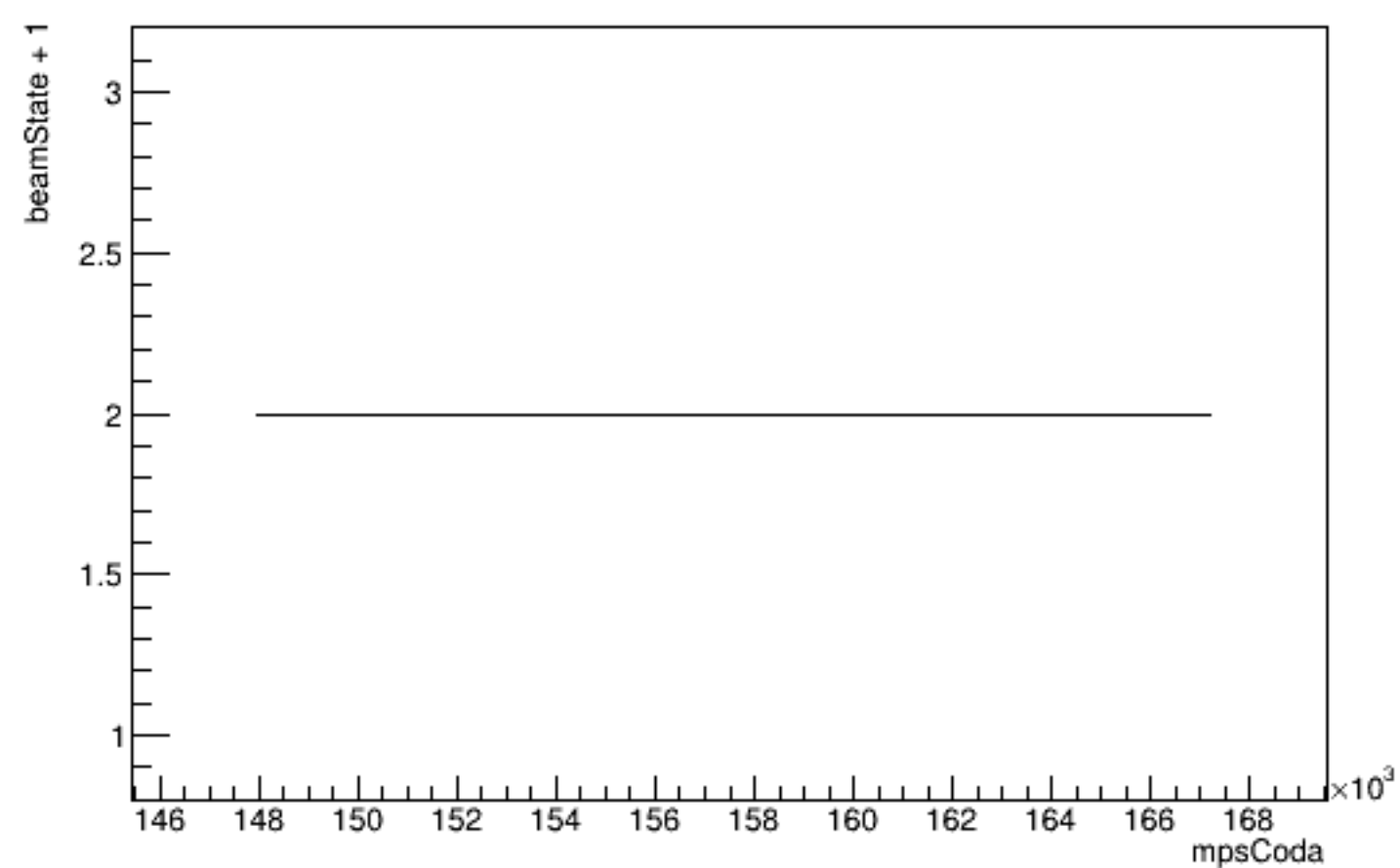
Acc0/NAcc0:mpsCoda (mpsCoda>=147937 && mpsCoda<=167228 && beamState==1)



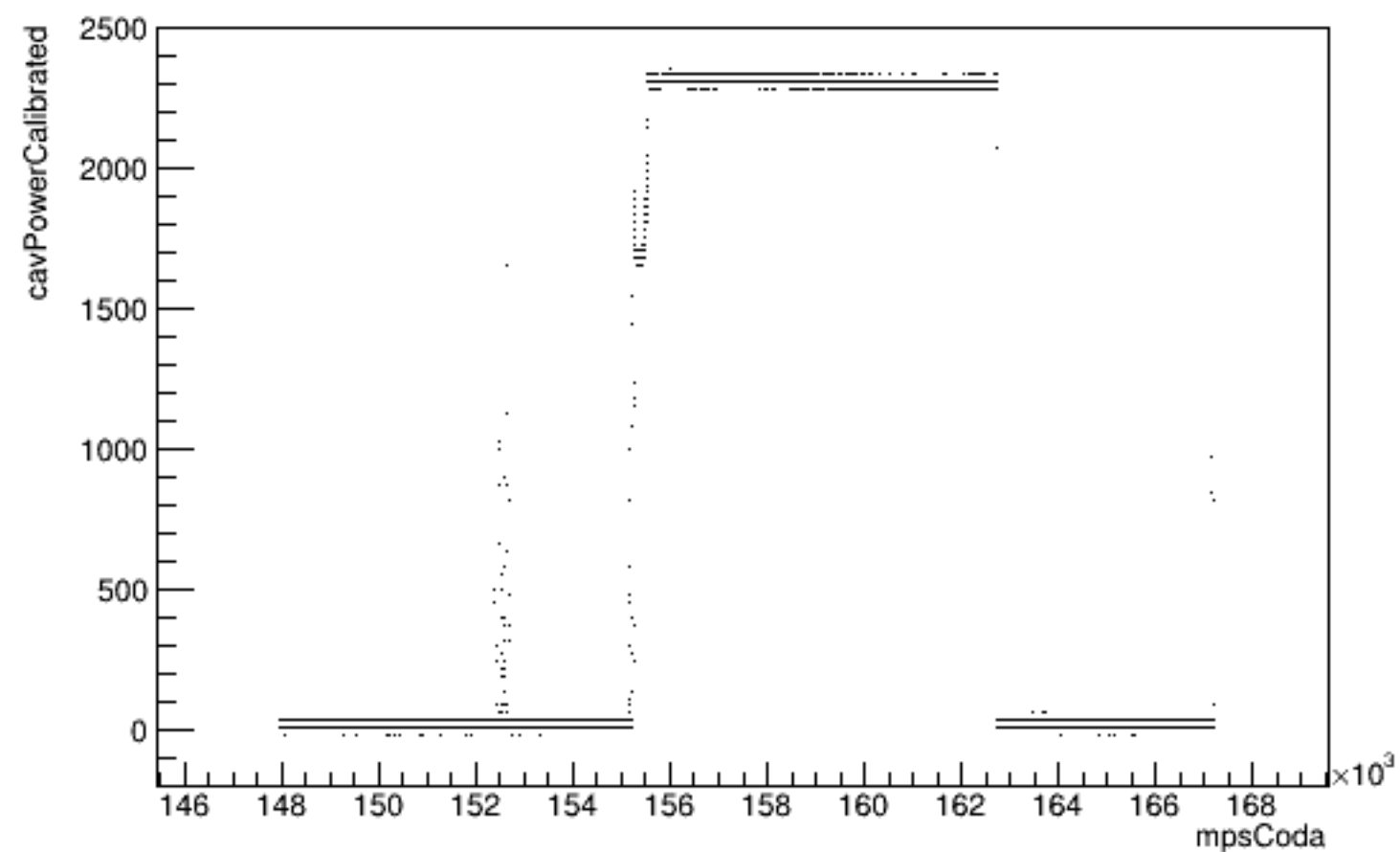
laserState:mpsCoda {mpsCoda>=147937 && mpsCoda<=167228}



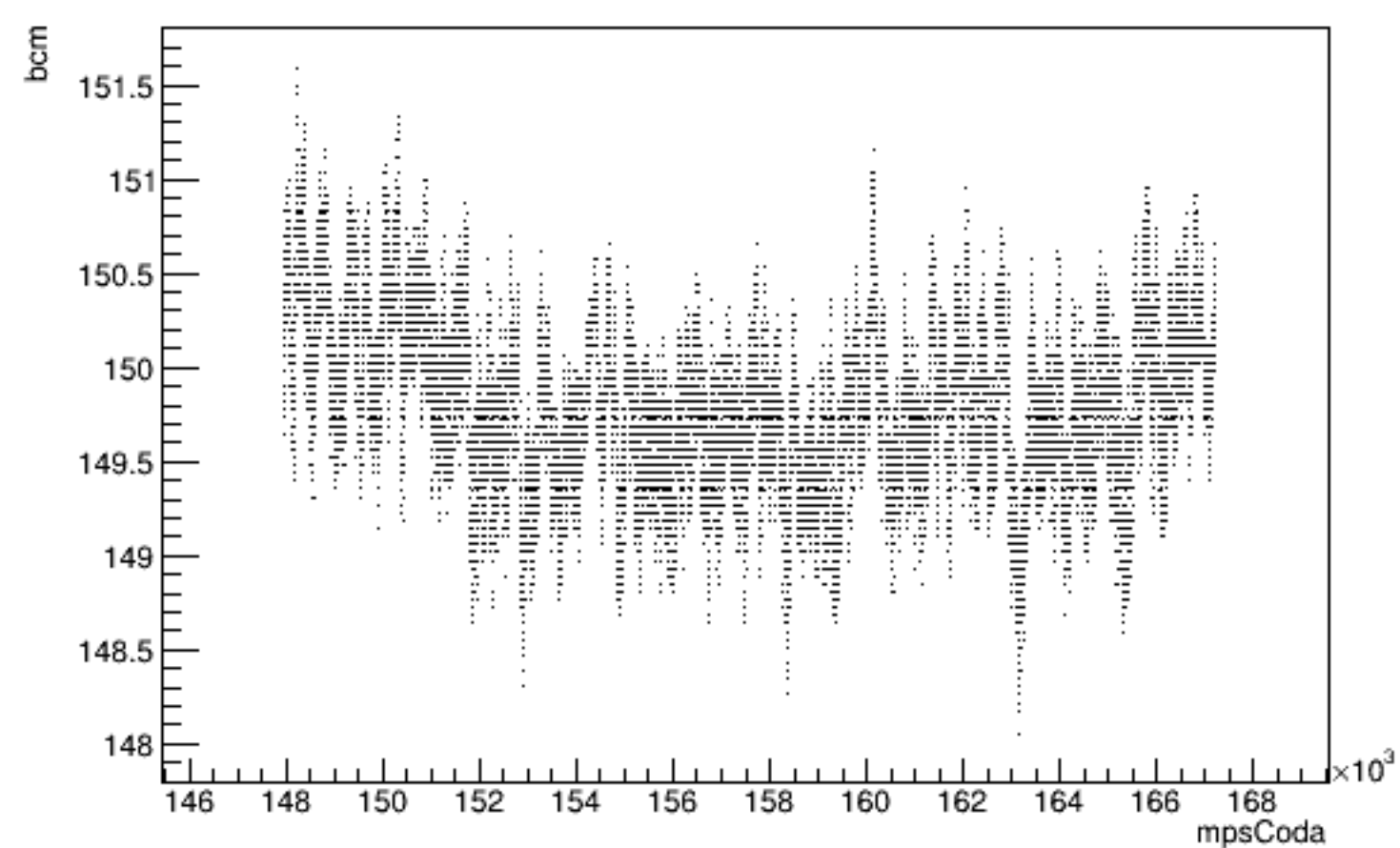
beamState + 1:mpsCoda {mpsCoda>=147937 && mpsCoda<=167228}



cavPowerCalibrated:mpsCoda {mpsCoda>=147937 && mpsCoda<=167228}



bcm:mpsCoda {mpsCoda>=147937 && mpsCoda<=167228}



Cycle 6, Diffs

Entries: 512

Mean: -0.0061 +/- 0.0116

Std Dev: 0.2620 +/- 0.0082

Entries: 1910

Mean: 0.8069 +/- 0.0107

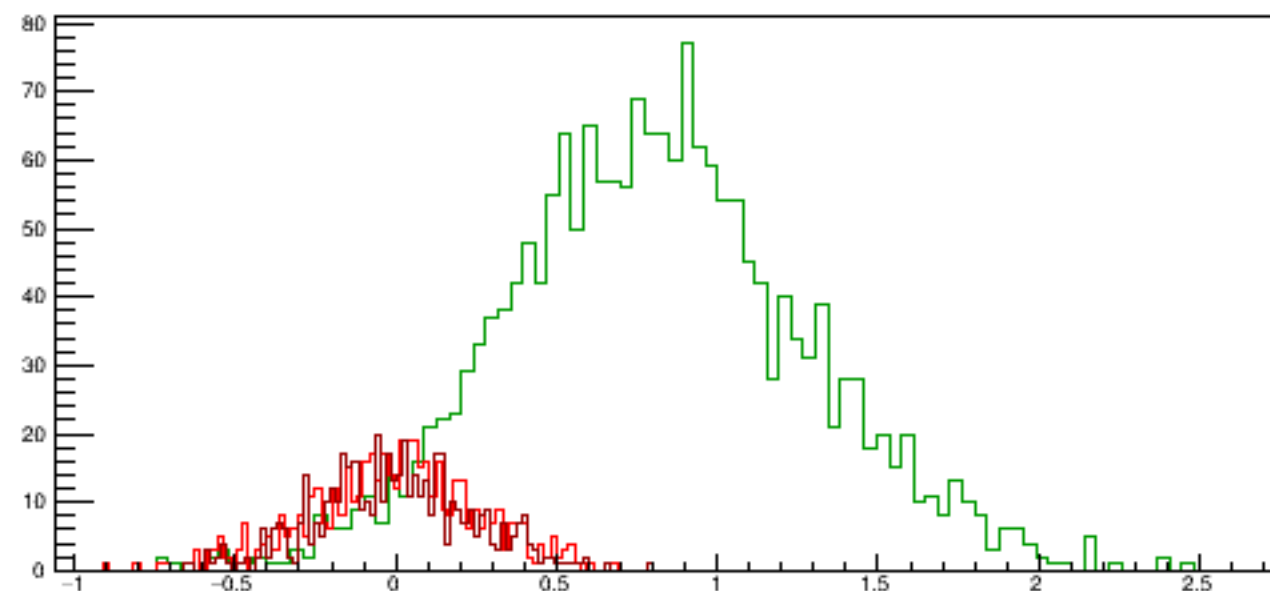
Std Dev: 0.4695 +/- 0.0076

Entries: 495

Mean: -0.0017 +/- 0.0109

Std Dev: 0.2428 +/- 0.0077

Run 5680 quartetwise, Diffs



Cycle 6, Sums

Entries: 512

Mean: 3.1115 +/- 0.0143

Std Dev: 0.3228 +/- 0.0101

Entries: 1910

Mean: 28.8041 +/- 0.0347

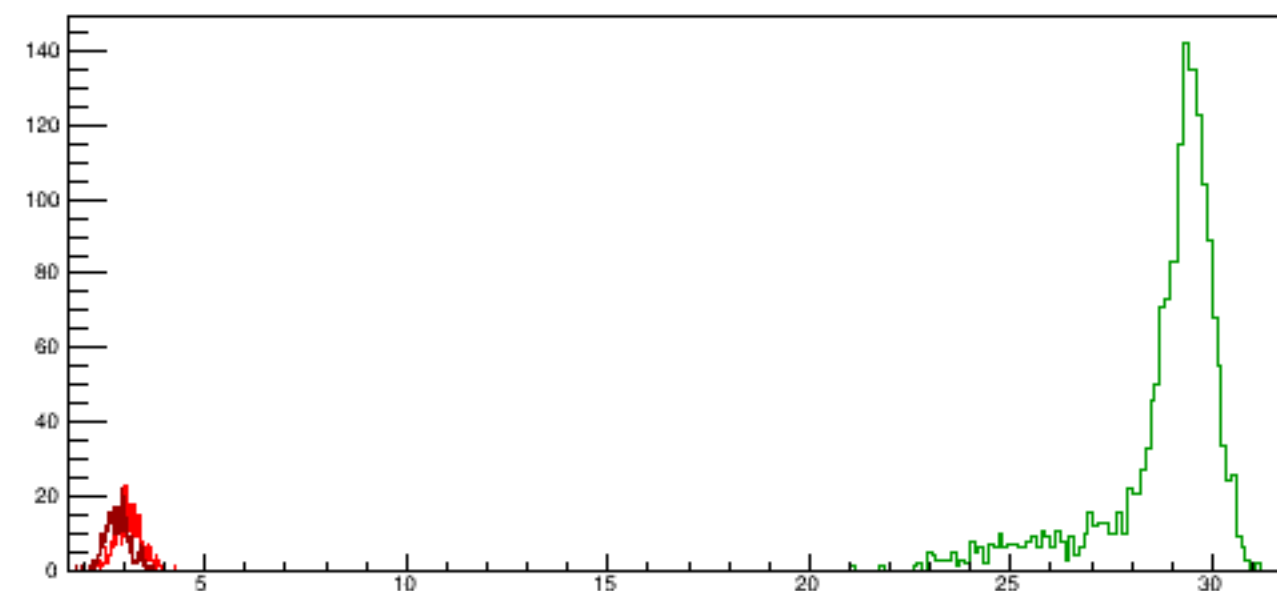
Std Dev: 1.5177 +/- 0.0246

Entries: 495

Mean: 2.8459 +/- 0.0133

Std Dev: 0.2964 +/- 0.0094

Run 5680 quartetwise, Sums



Cycle 6, Asyms

Entries: 512

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0101 +/- 0.0003

Entries: 1910

Mean: 0.0312 +/- 0.0004

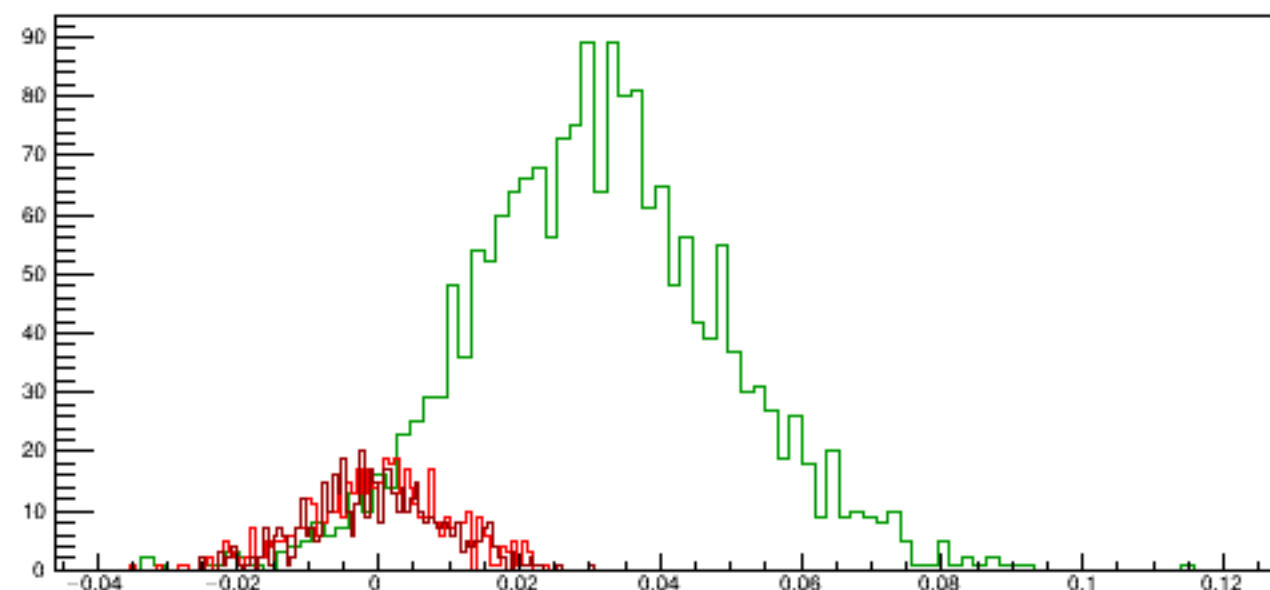
Std Dev: 0.0183 +/- 0.0003

Entries: 495

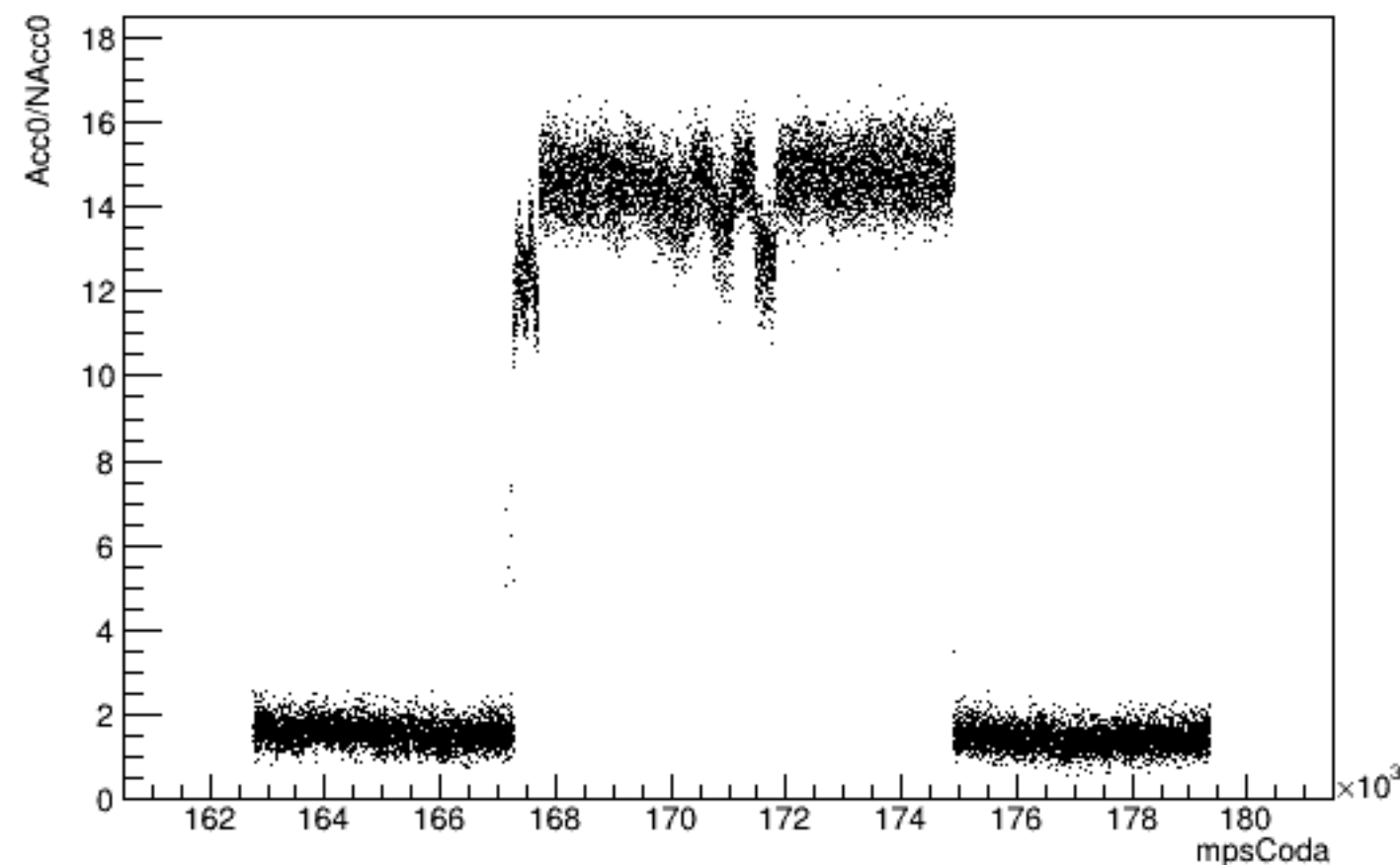
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0094 +/- 0.0003

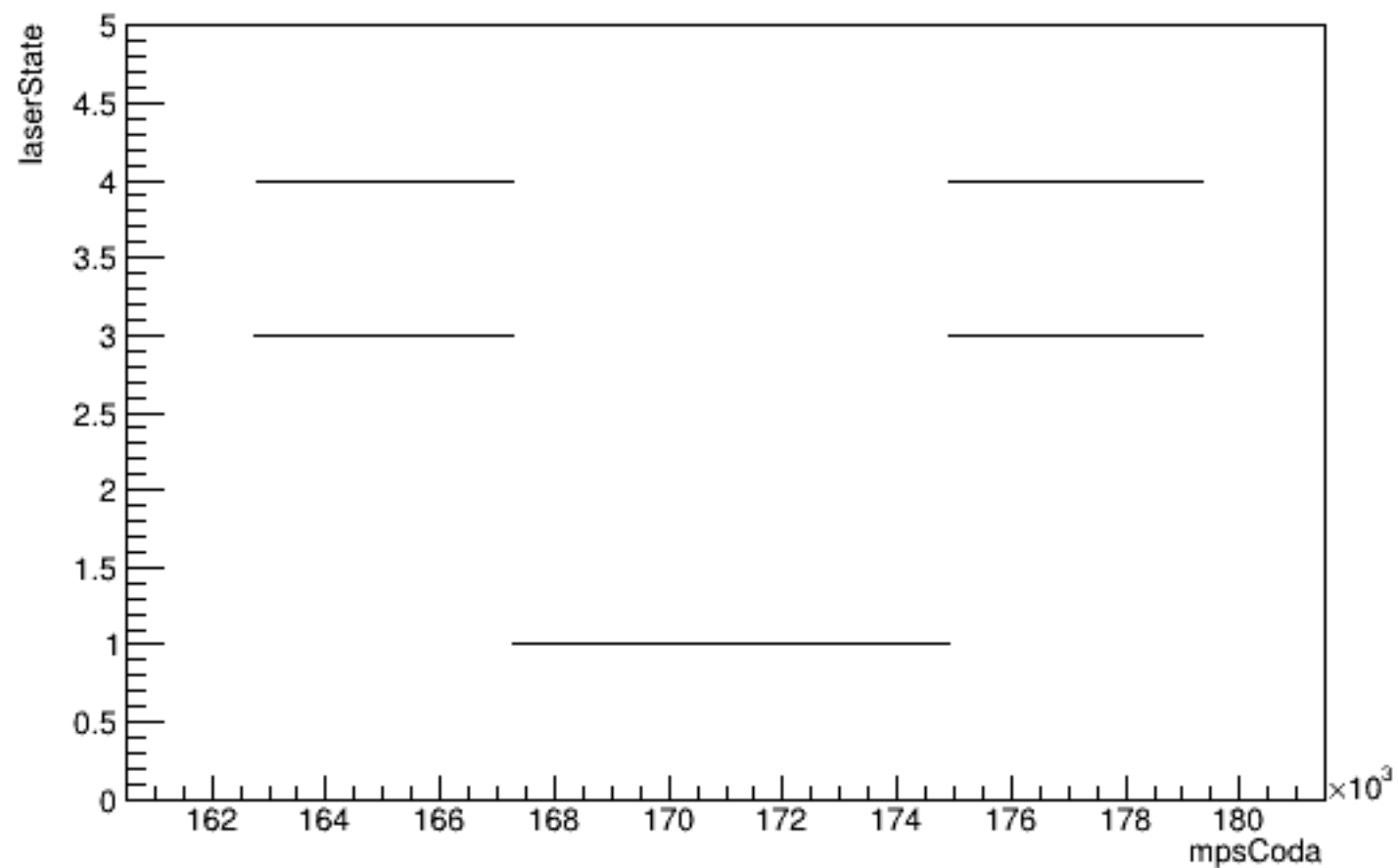
Run 5680 quartetwise, Asyms



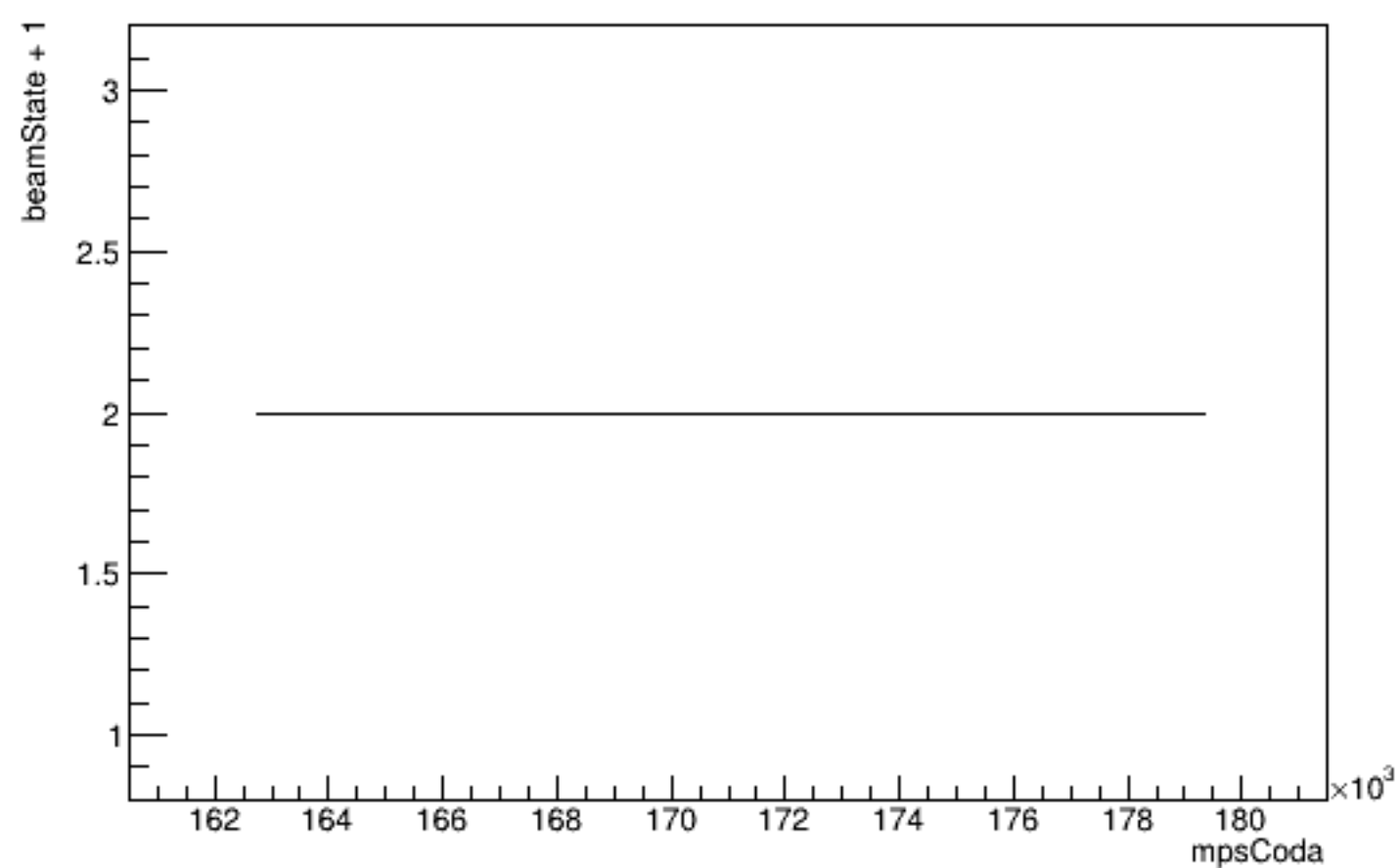
Acc0/NAcc0:mpsCoda (mpsCoda>=162765 && mpsCoda<=179344 && beamState==1)



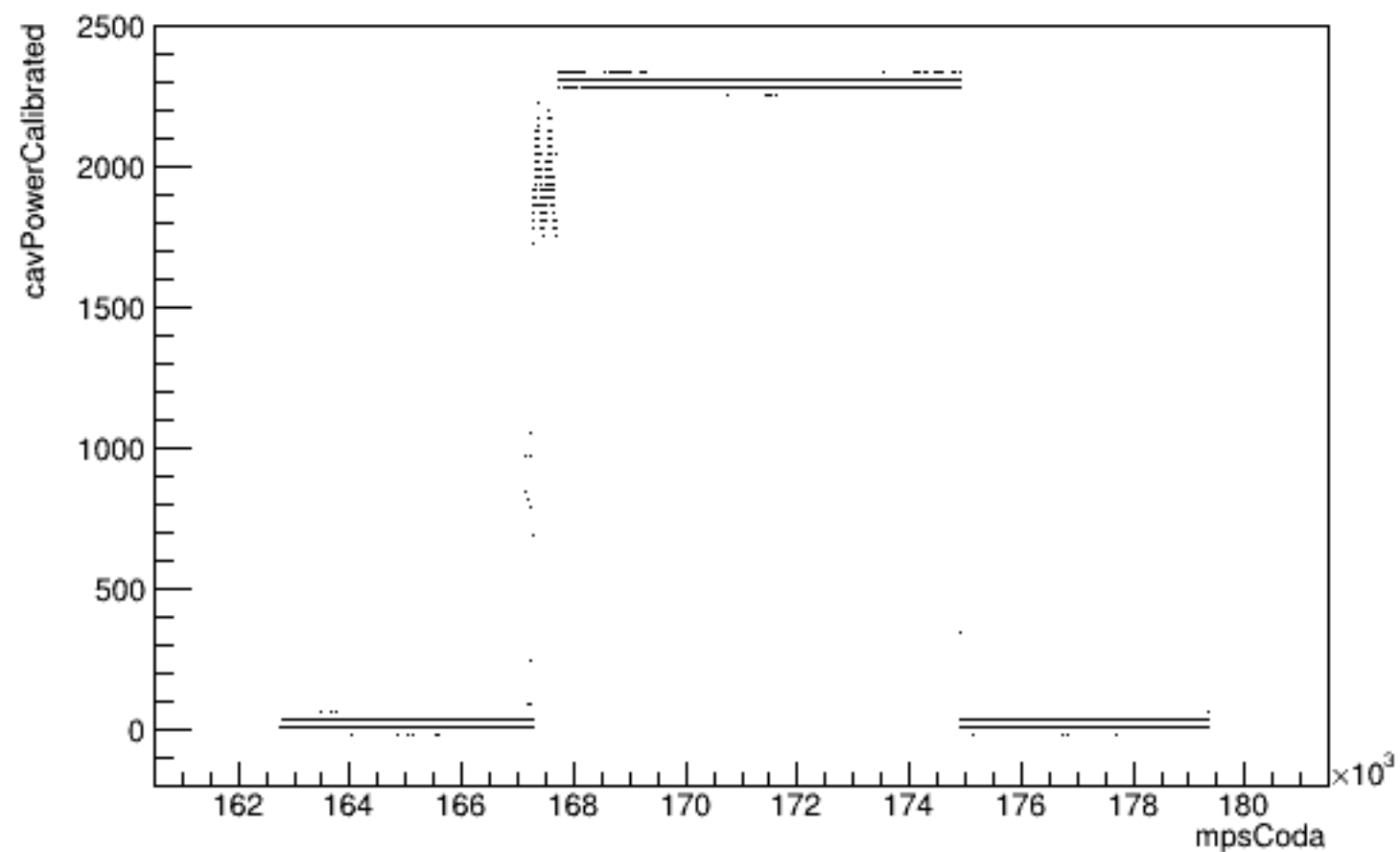
laserState:mpsCoda {mpsCoda>=162765 && mpsCoda<=179344}



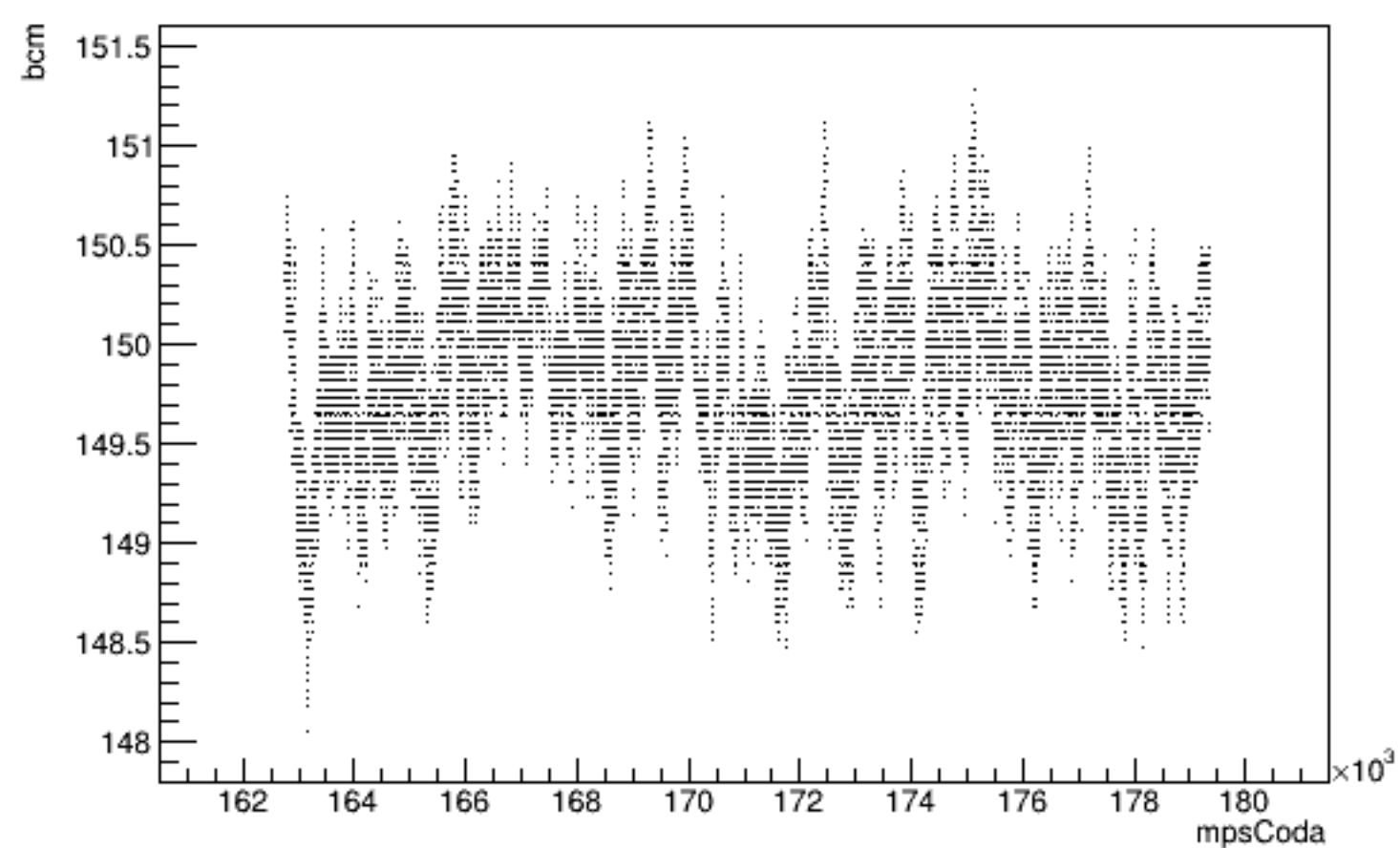
beamState + 1:mpsCoda {mpsCoda>=162765 && mpsCoda<=179344}



cavPowerCalibrated:mpsCoda {mpsCoda>=162765 && mpsCoda<=179344}



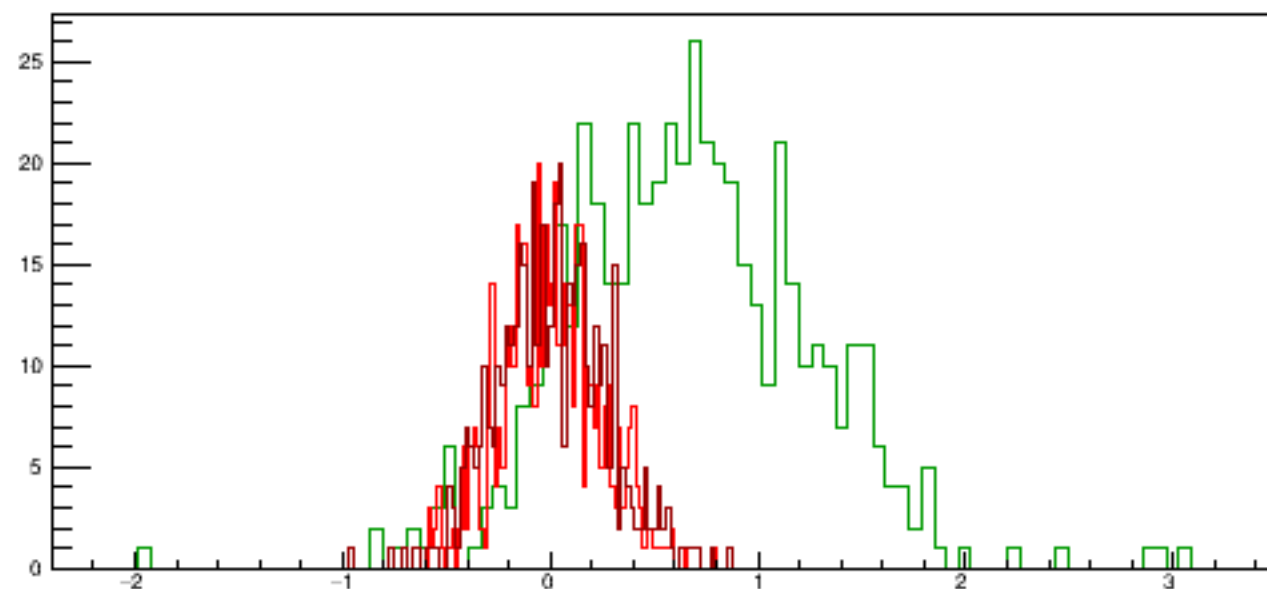
bcm:mpsCoda {mpsCoda>=162765 && mpsCoda<=179344}



Cycle 7, Diffs

Entries: 495	Entries: 500	Entries: 448
Mean: -0.0017 +/- 0.0109	Mean: 0.6699 +/- 0.0262	Mean: 0.0041 +/- 0.0126
Std Dev: 0.2428 +/- 0.0077	Std Dev: 0.5866 +/- 0.0185	Std Dev: 0.2663 +/- 0.0089

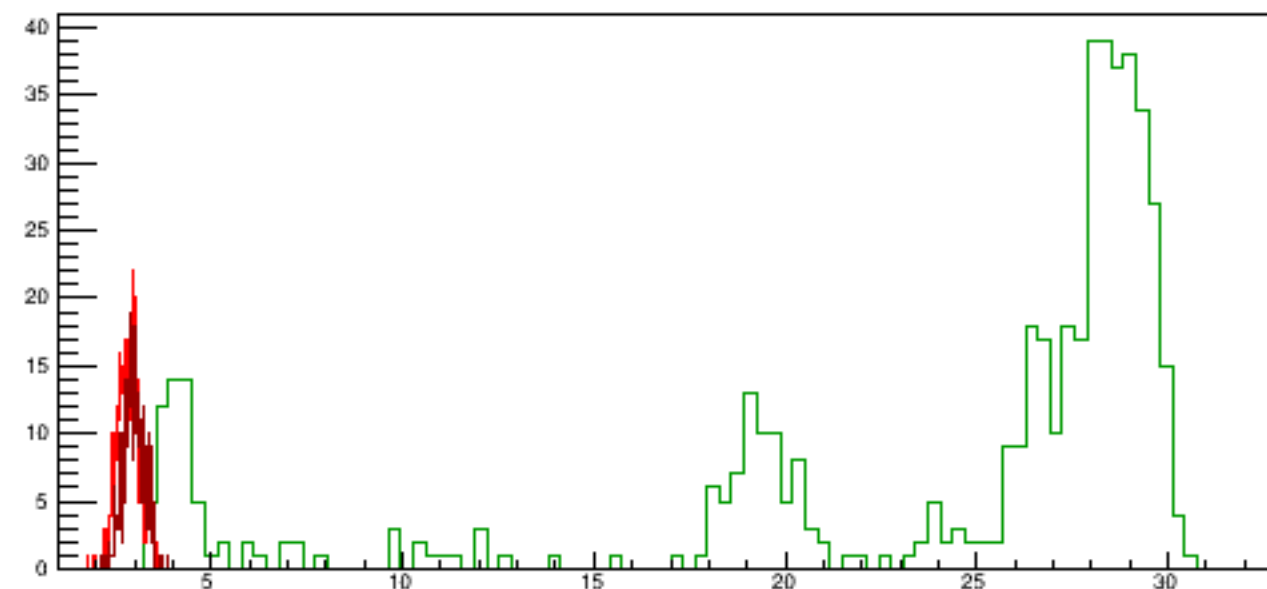
Run 5680 quartetwise, Diffs



Cycle 7, Sums

Entries: 495	Entries: 500	Entries: 448
Mean: 2.8459 +/- 0.0133	Mean: 23.4576 +/- 0.3660	Mean: 2.9824 +/- 0.0131
Std Dev: 0.2964 +/- 0.0094	Std Dev: 8.1842 +/- 0.2588	Std Dev: 0.2766 +/- 0.0092

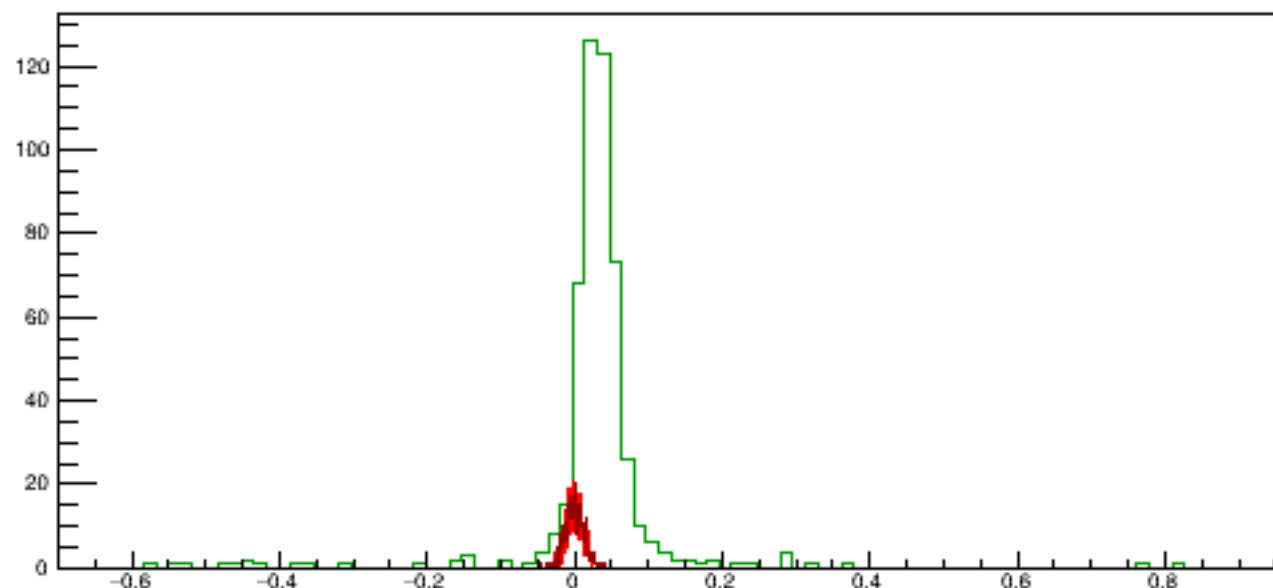
Run 5680 quartetwise, Sums



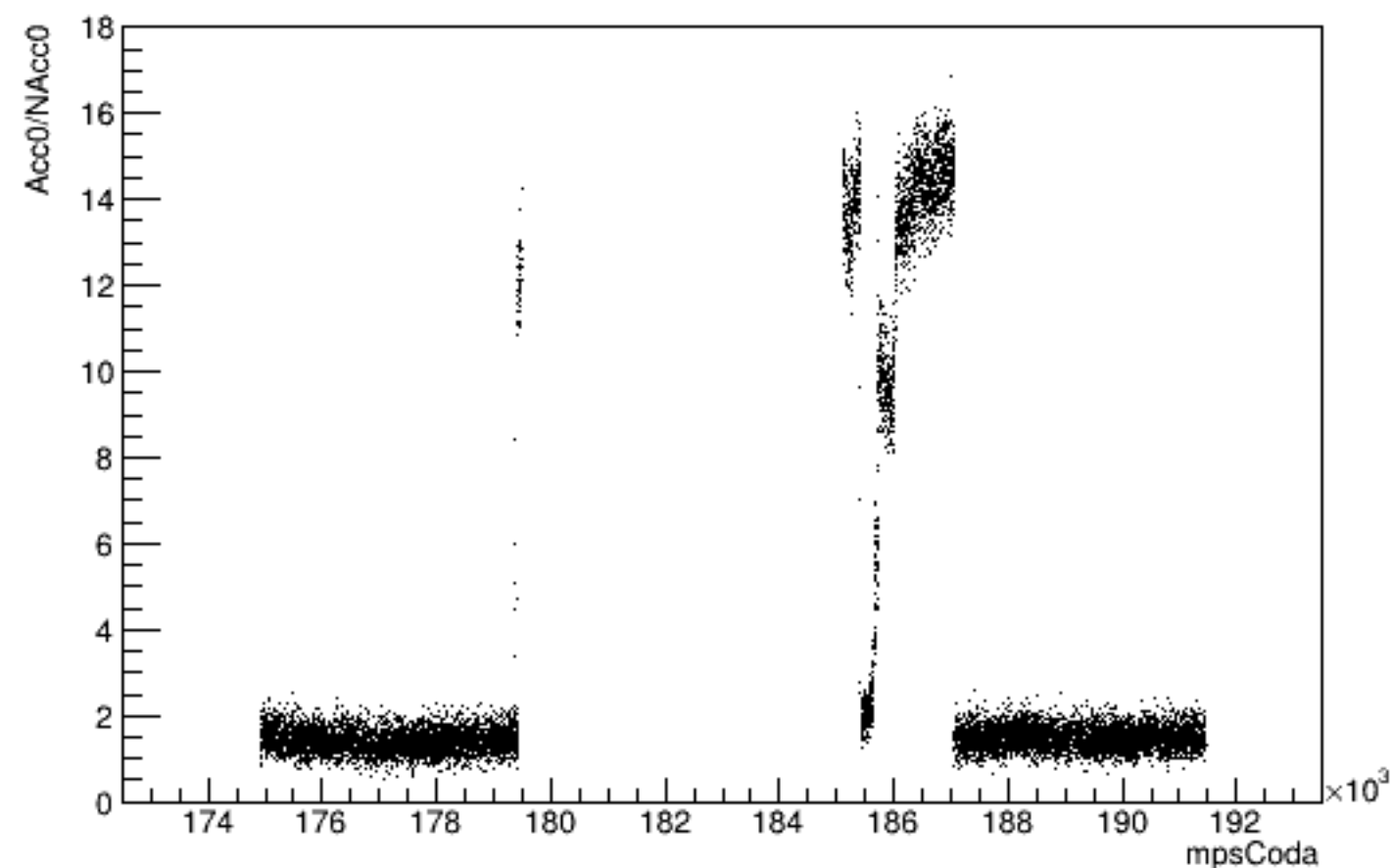
Cycle 7, Asyms

Entries: 495	Entries: 500	Entries: 448
Mean: -0.0001 +/- 0.0005	Mean: 0.0283 +/- 0.0045	Mean: 0.0002 +/- 0.0006
Std Dev: 0.0118 +/- 0.0004	Std Dev: 0.1001 +/- 0.0032	Std Dev: 0.0130 +/- 0.0004

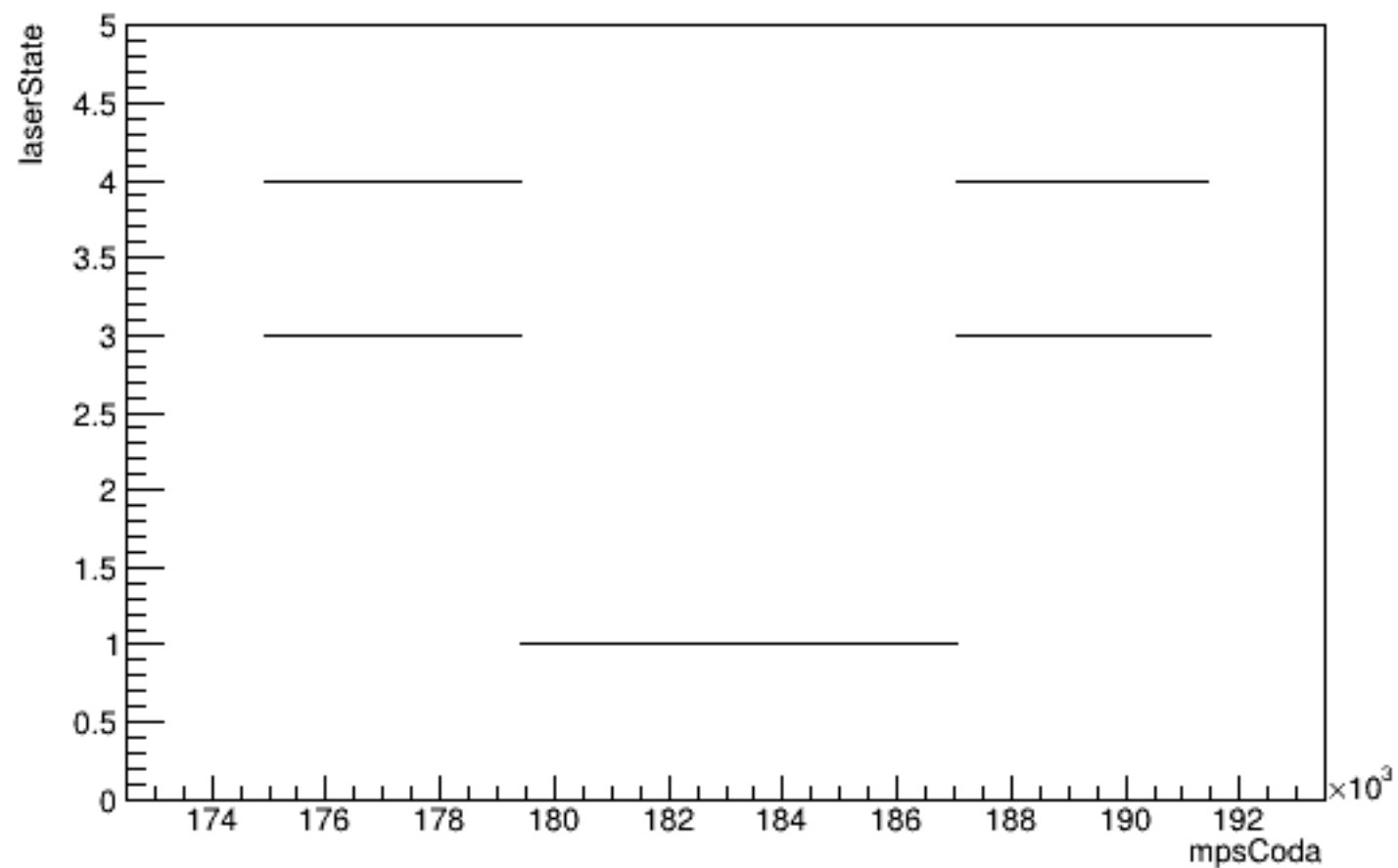
Run 5680 quartetwise, Asyms



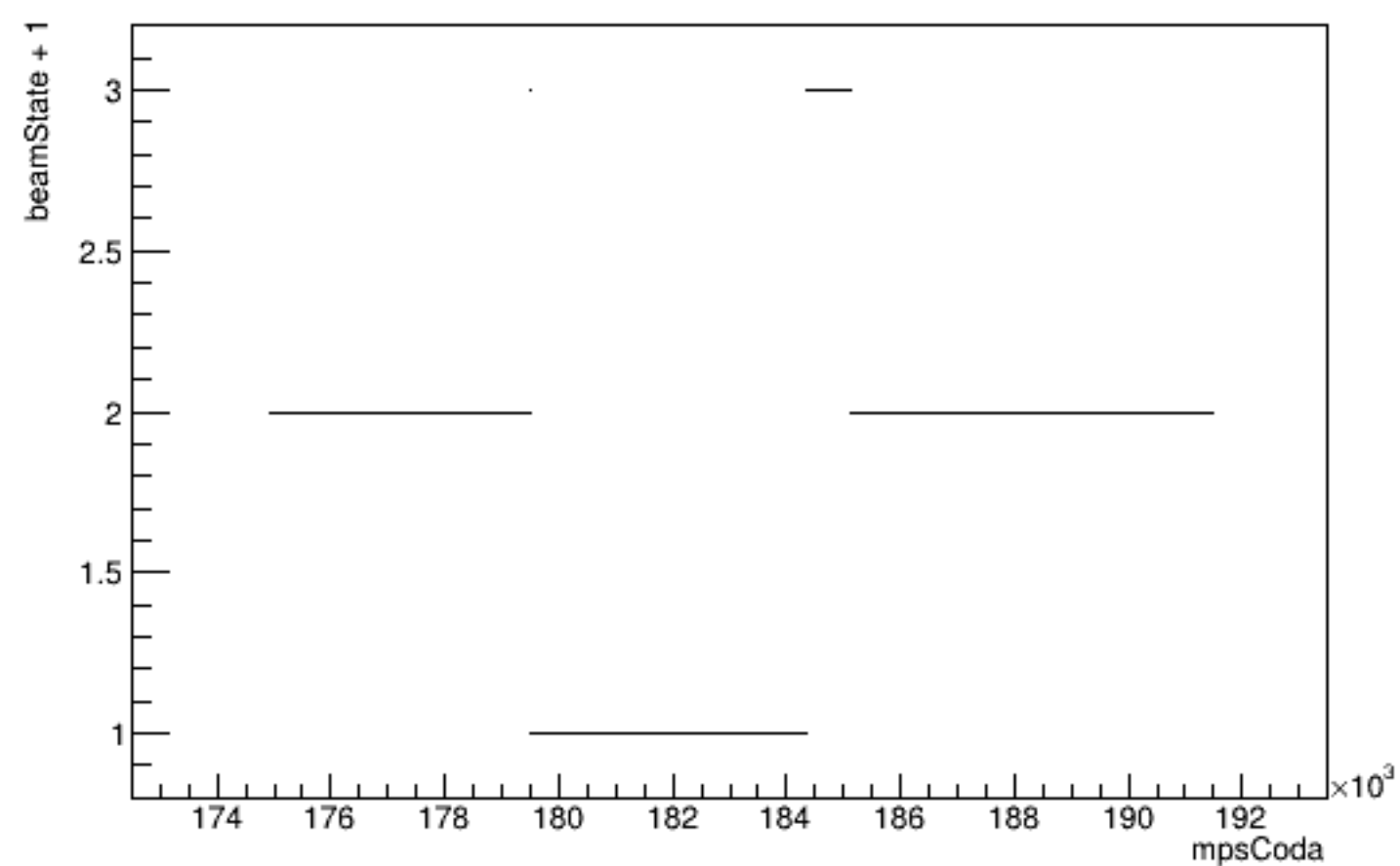
Acc0/NAcc0:mpsCoda (mpsCoda>=174917 && mpsCoda<=191460 && beamState==1)



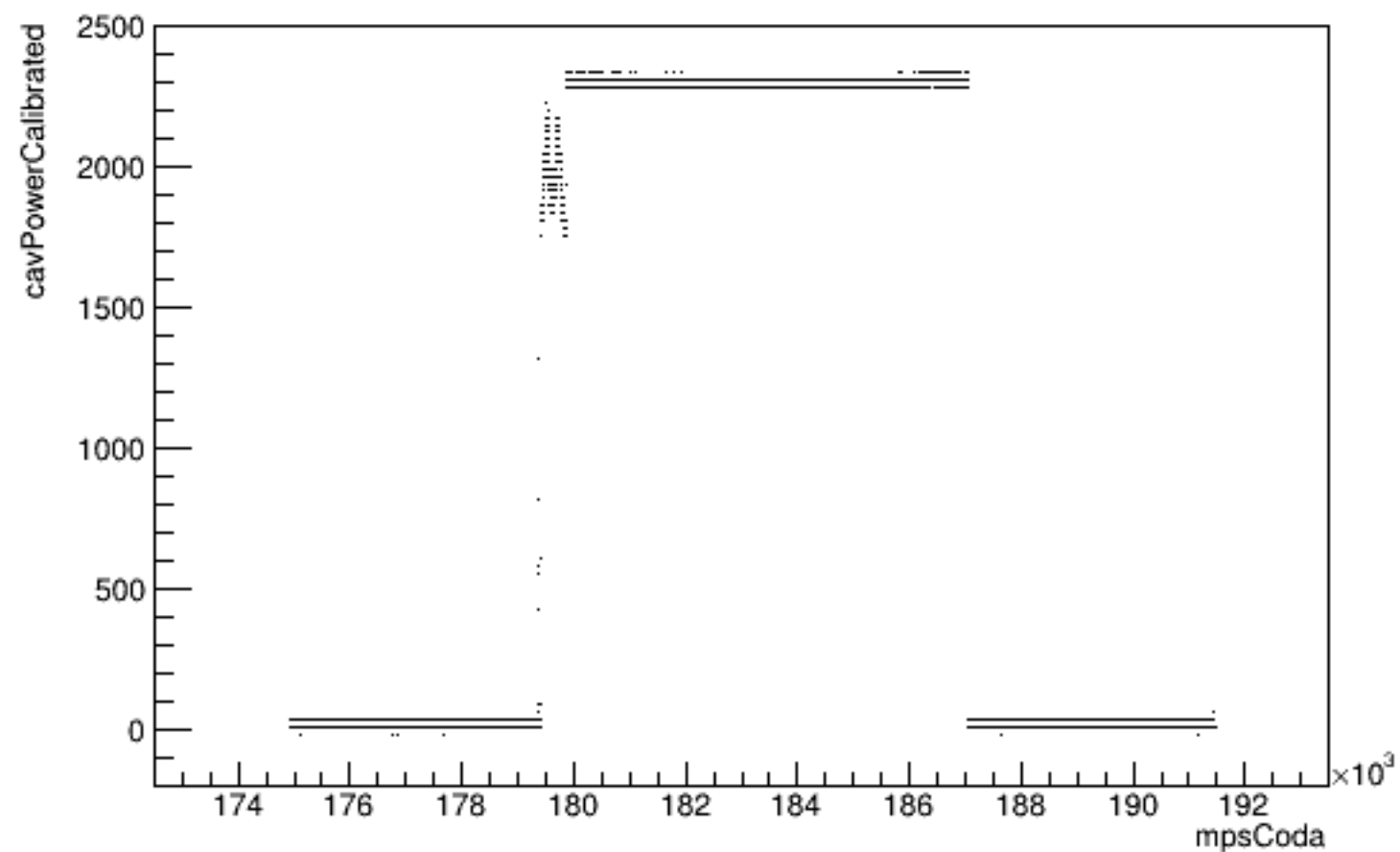
laserState:mpsCoda {mpsCoda>=174917 && mpsCoda<=191460}



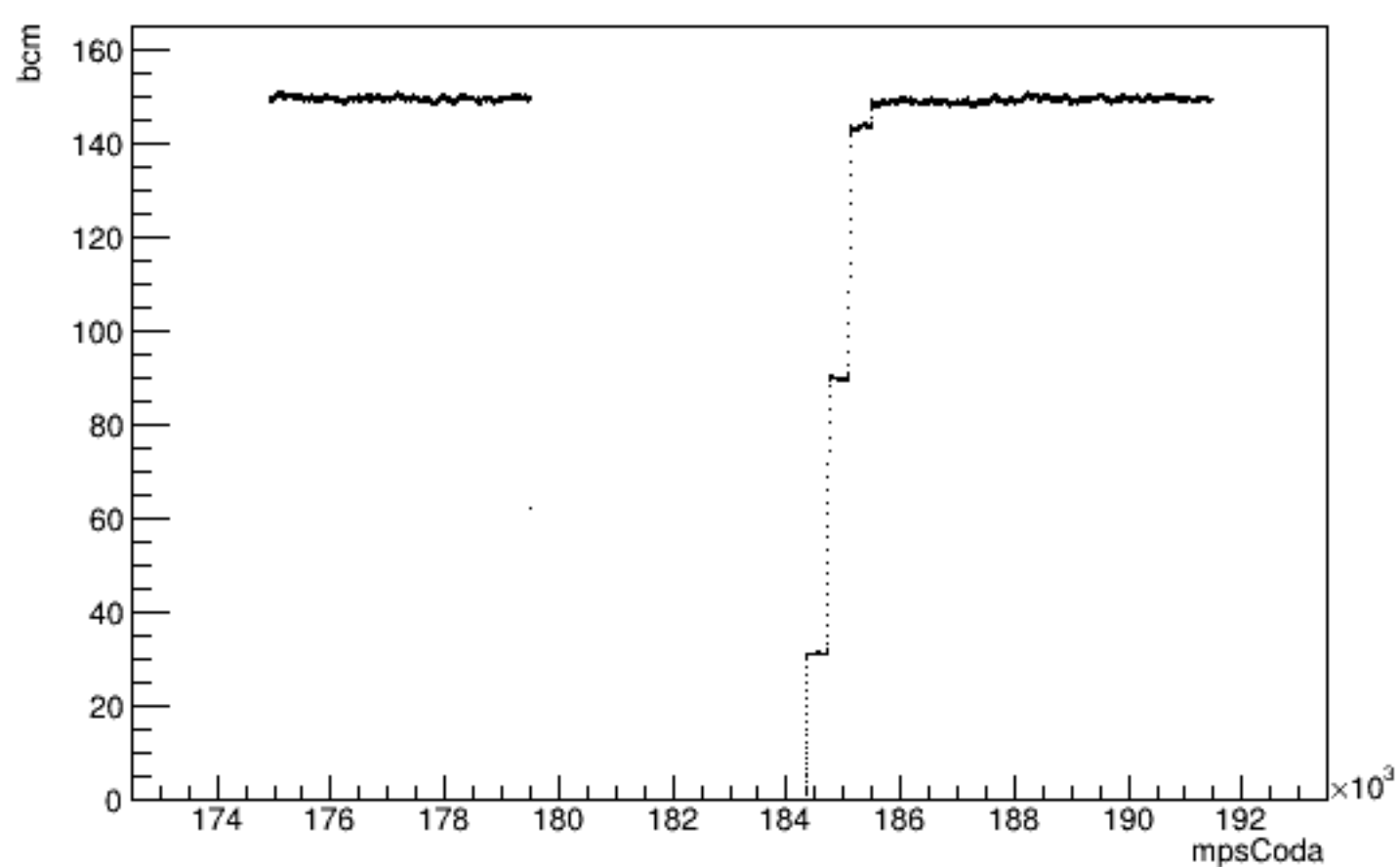
beamState + 1:mpsCoda {mpsCoda>=174917 && mpsCoda<=191460}



cavPowerCalibrated:mpsCoda {mpsCoda>=174917 && mpsCoda<=191460}



bcm:mpsCoda {mpsCoda>=174917 && mpsCoda<=191460}



Cycle 8, Diffs

Entries: 448

Mean: 0.0041 +/- 0.0126

Std Dev: 0.2663 +/- 0.0089

Entries: 1896

Mean: 0.8132 +/- 0.0109

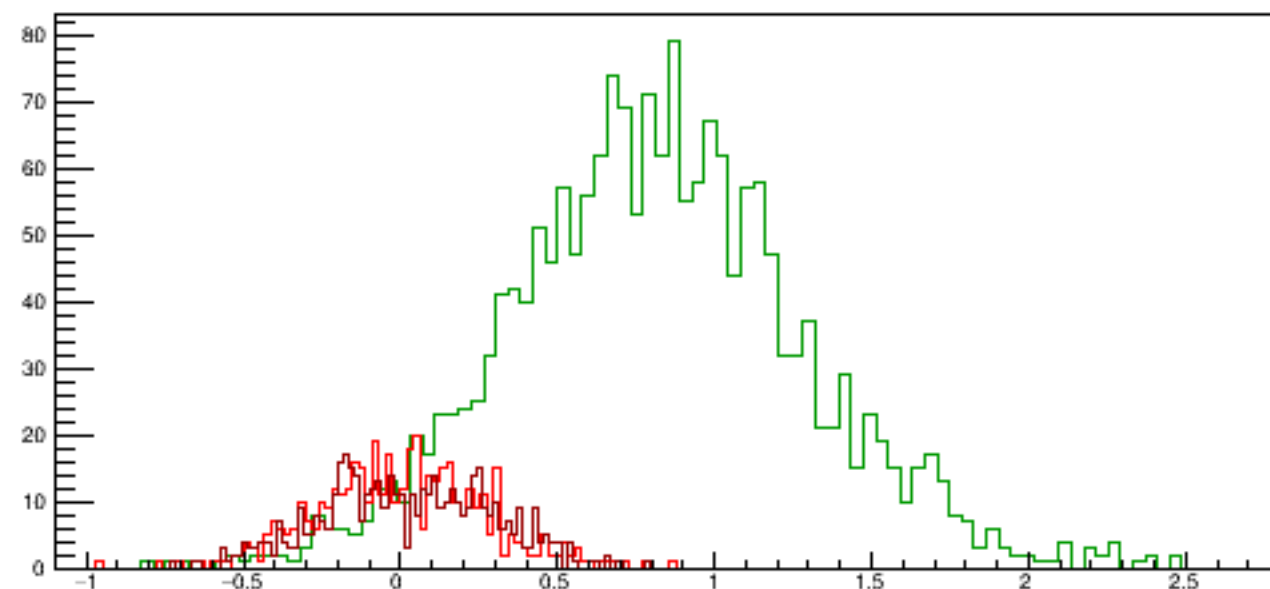
Std Dev: 0.4739 +/- 0.0077

Entries: 492

Mean: 0.0189 +/- 0.0121

Std Dev: 0.2695 +/- 0.0086

Run 5680 quartetwise, Diffs



Cycle 8, Sums

Entries: 448

Mean: 2.9824 +/- 0.0131

Std Dev: 0.2766 +/- 0.0092

Entries: 1896

Mean: 29.1167 +/- 0.0276

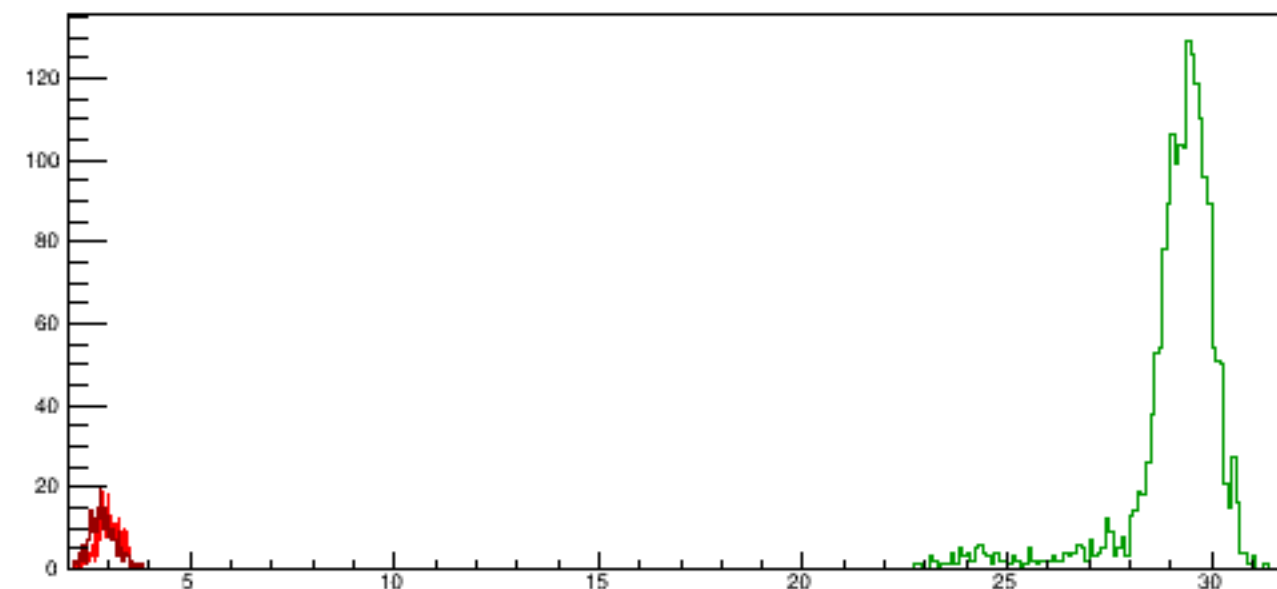
Std Dev: 1.2005 +/- 0.0195

Entries: 492

Mean: 2.8548 +/- 0.0133

Std Dev: 0.2955 +/- 0.0094

Run 5680 quartetwise, Sums



Cycle 8, Asyms

Entries: 448

Mean: 0.0002 +/- 0.0005

Std Dev: 0.0102 +/- 0.0003

Entries: 1896

Mean: 0.0310 +/- 0.0004

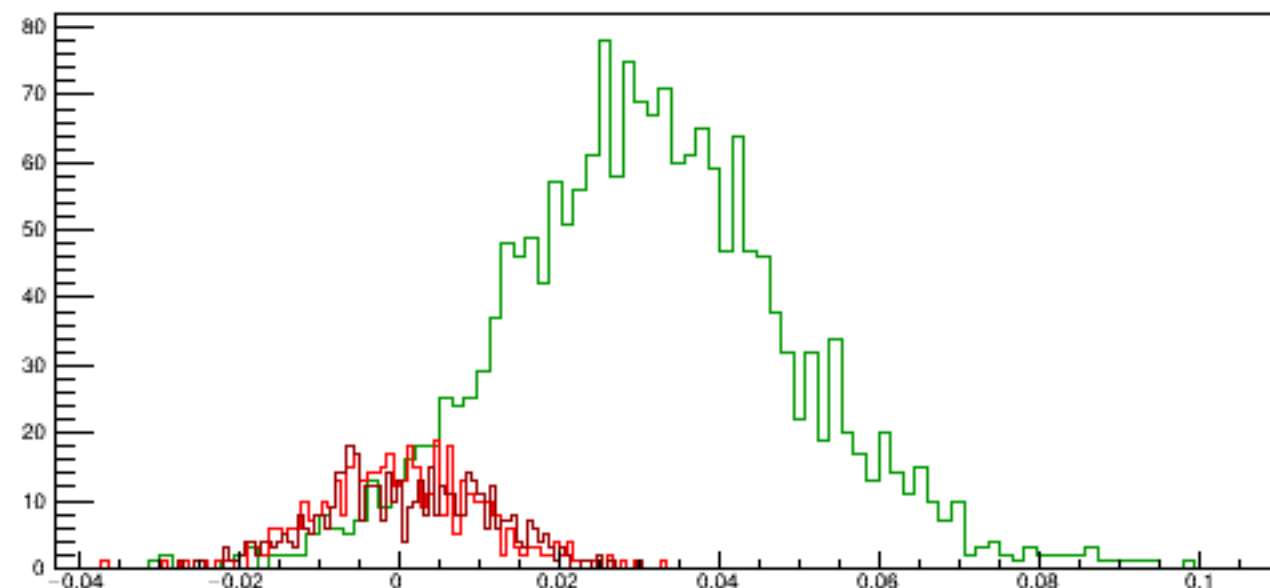
Std Dev: 0.0181 +/- 0.0003

Entries: 492

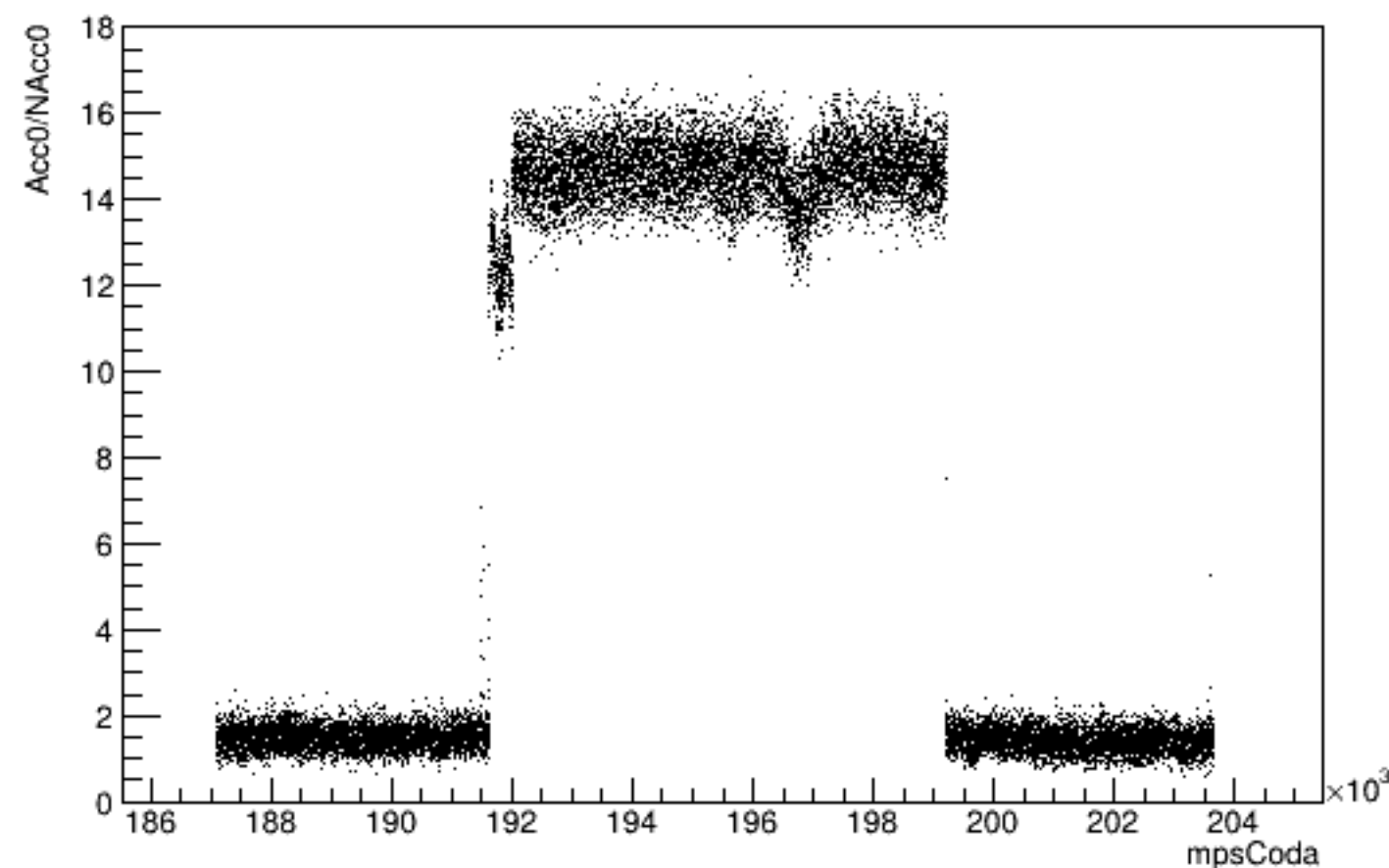
Mean: 0.0007 +/- 0.0005

Std Dev: 0.0103 +/- 0.0003

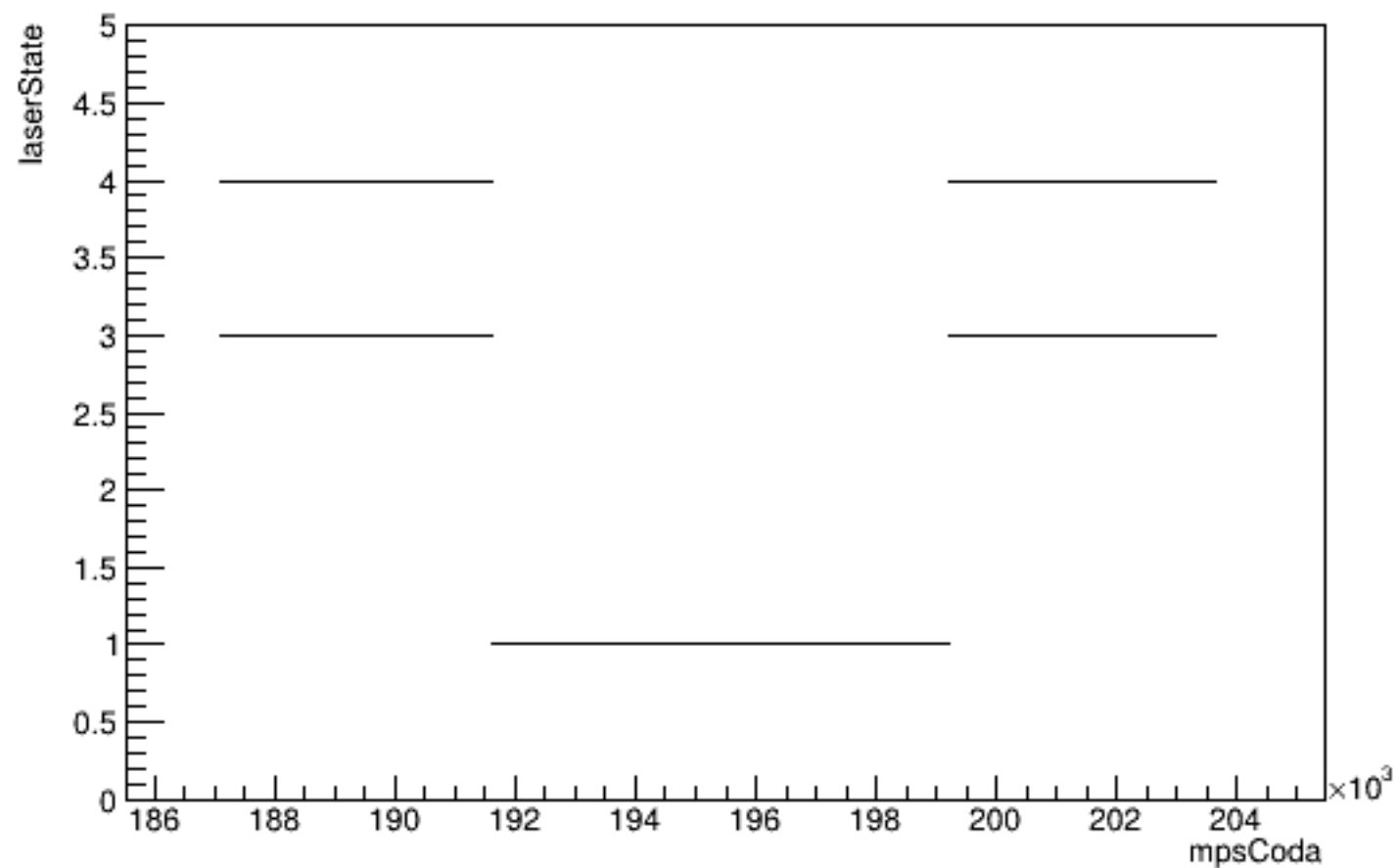
Run 5680 quartetwise, Asyms



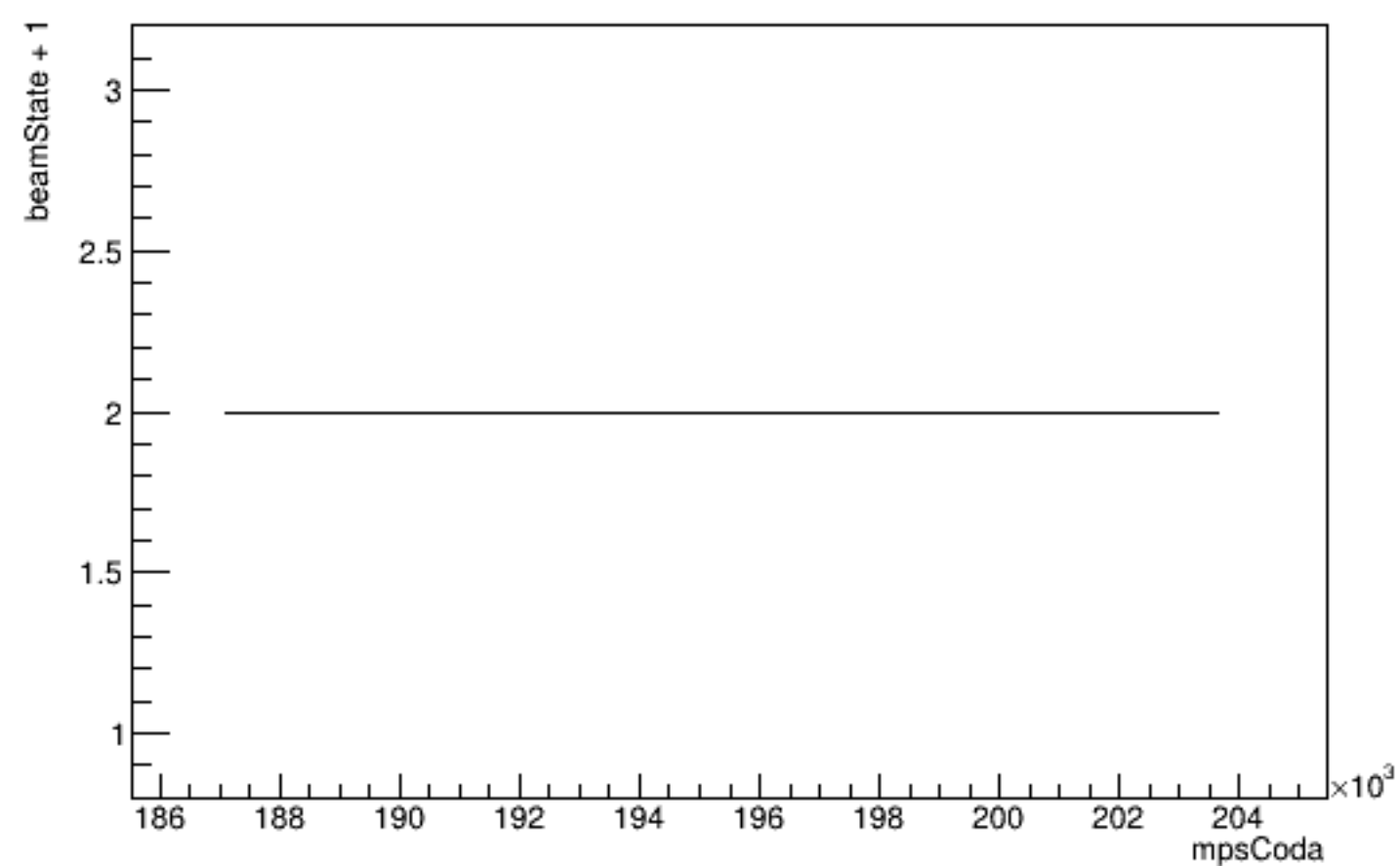
Acc0/NAcc0:mpsCoda (mpsCoda>=187081 && mpsCoda<=203652 && beamState==1)



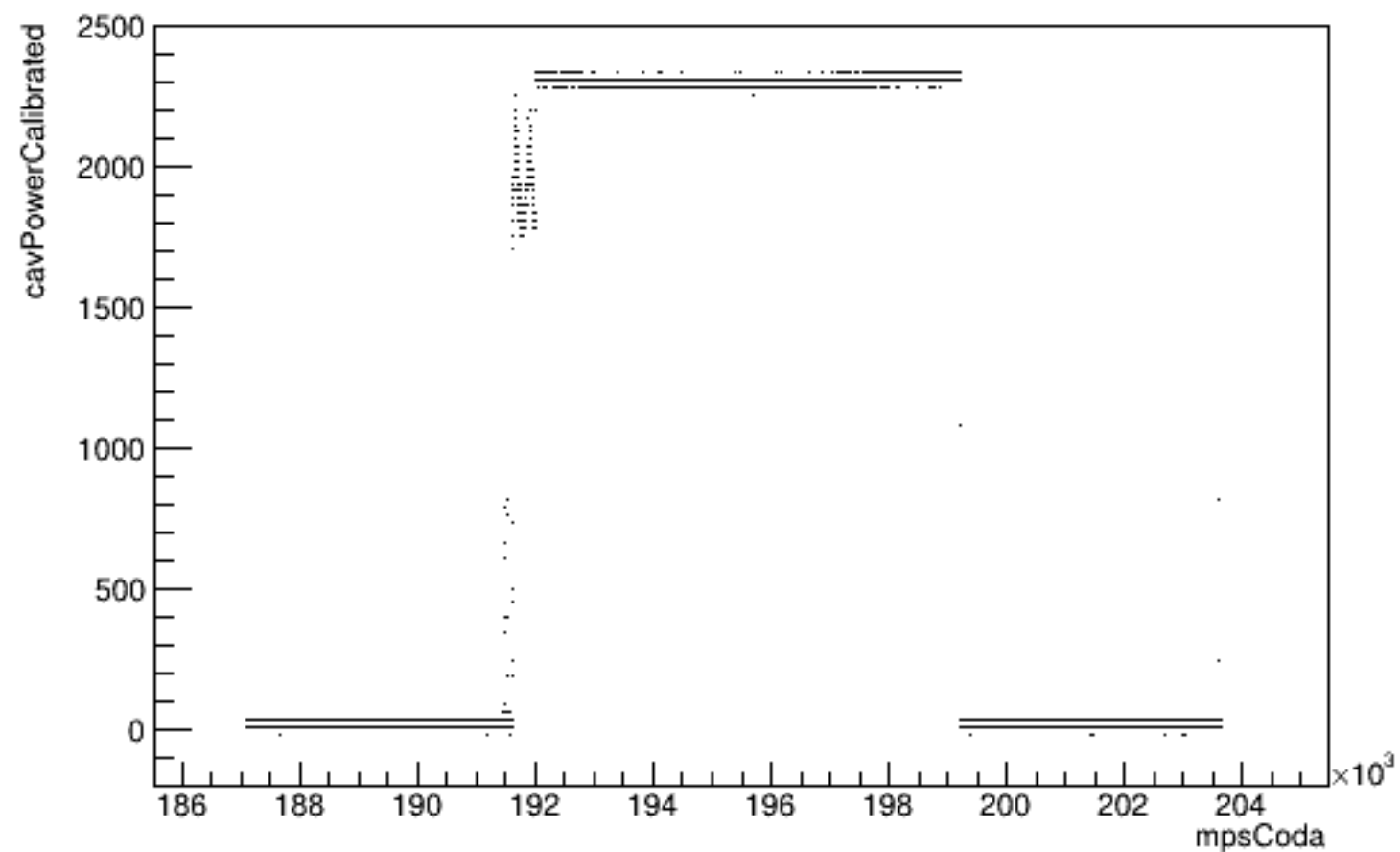
laserState:mpsCoda {mpsCoda>=187081 && mpsCoda<=203652}



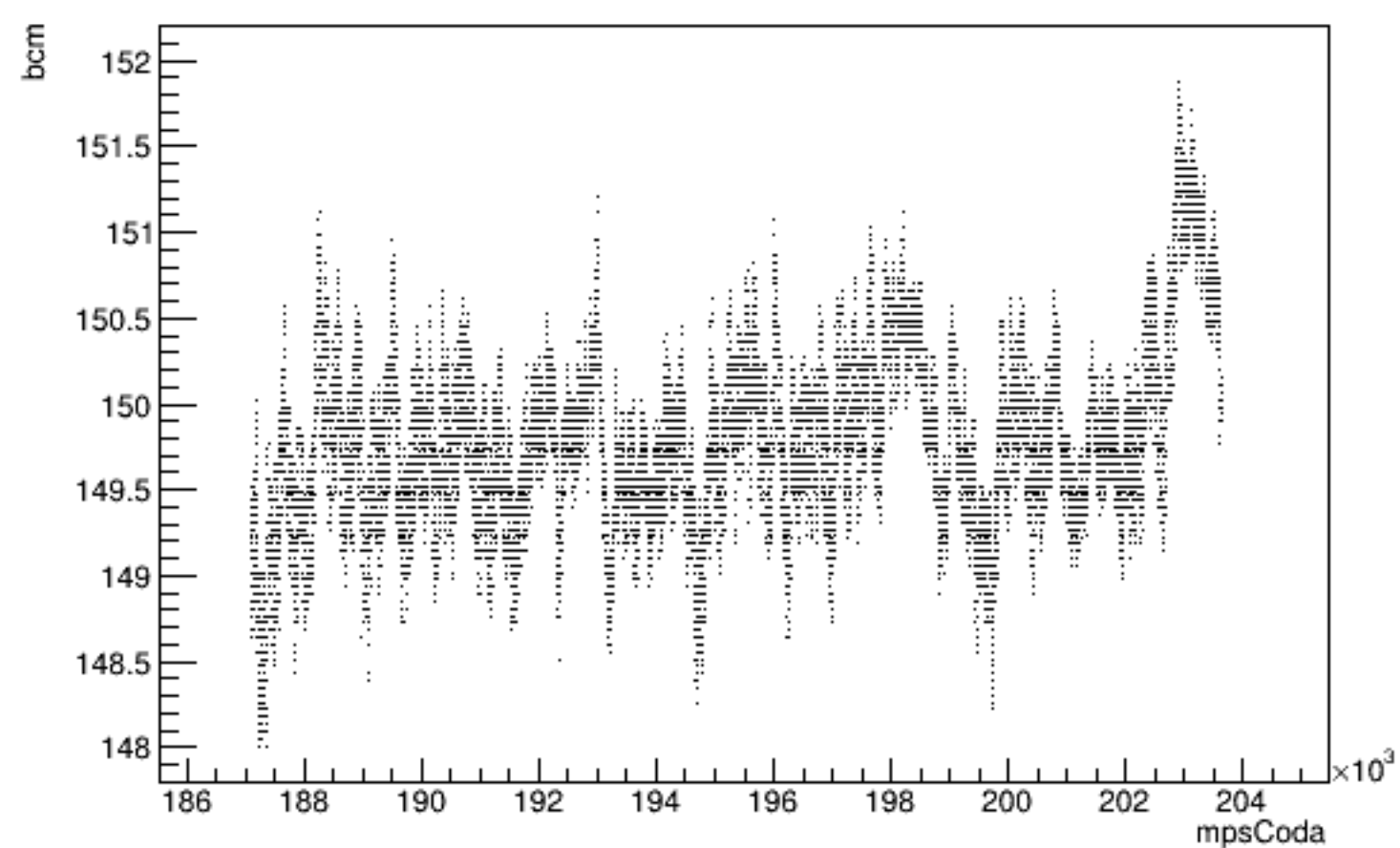
beamState + 1:mpsCoda {mpsCoda>=187081 && mpsCoda<=203652}



cavPowerCalibrated:mpsCoda {mpsCoda>=187081 && mpsCoda<=203652}



bcm:mpsCoda {mpsCoda>=187081 && mpsCoda<=203652}



Cycle 9, Diffs

Entries: 493

Mean: 0.0003 +/- 0.0120

Std Dev: 0.2657 +/- 0.0085

Entries: 1892

Mean: 0.8172 +/- 0.0108

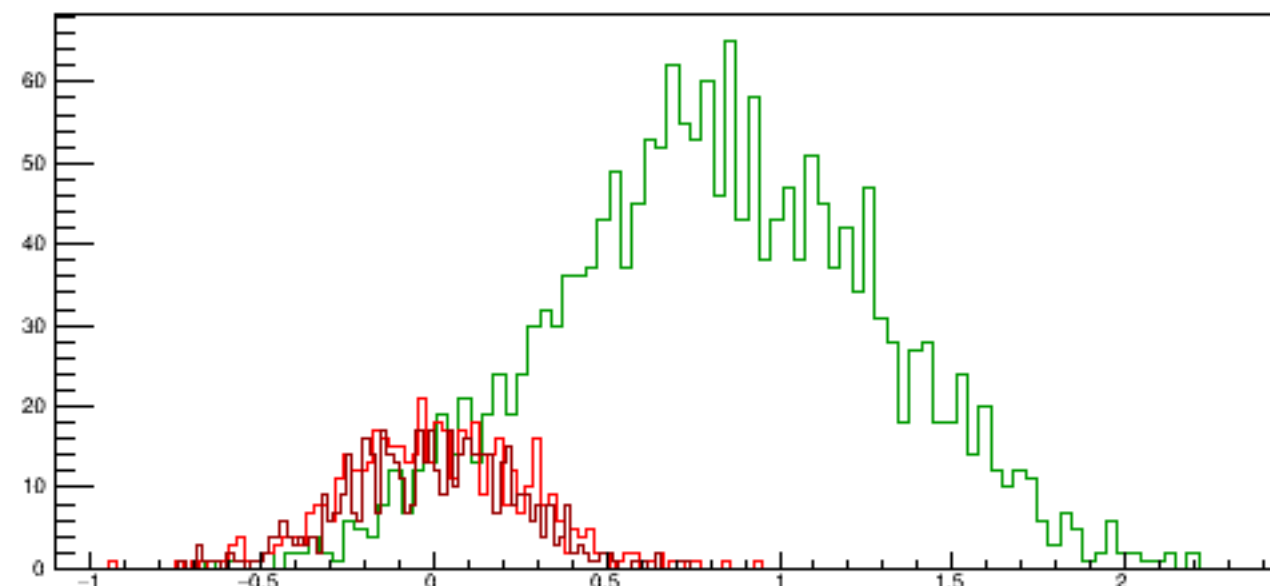
Std Dev: 0.4719 +/- 0.0077

Entries: 518

Mean: -0.0081 +/- 0.0110

Std Dev: 0.2509 +/- 0.0078

Run 5680 quartetwise, Diffs



Cycle 9, Sums

Entries: 493

Mean: 2.7564 +/- 0.0136

Std Dev: 0.3013 +/- 0.0096

Entries: 1892

Mean: 28.7907 +/- 0.0292

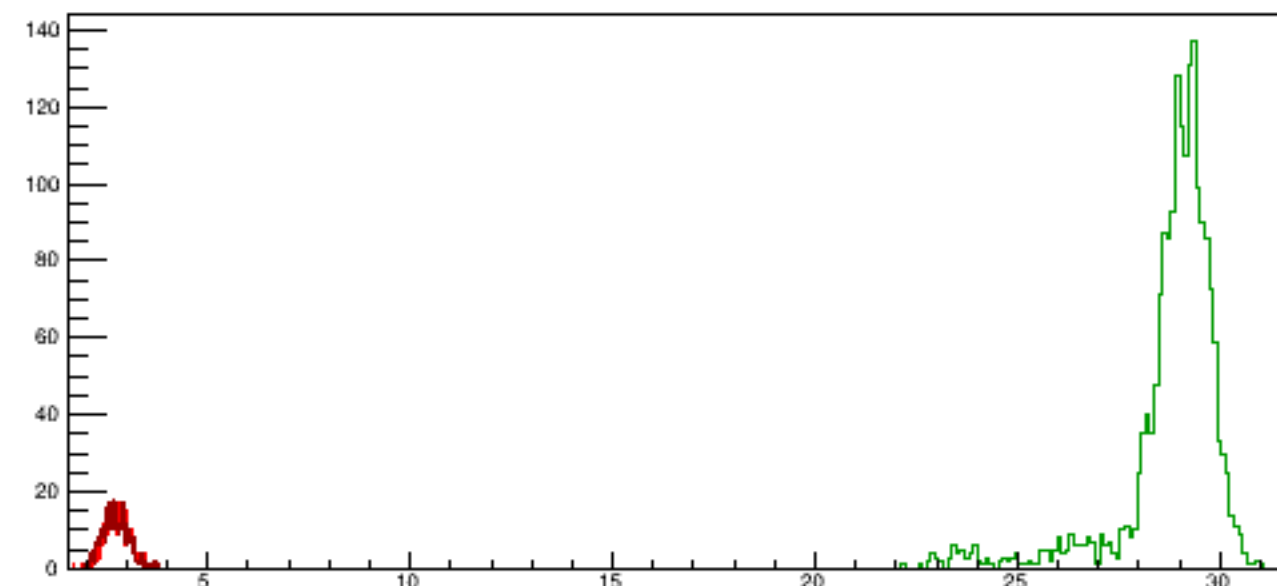
Std Dev: 1.2701 +/- 0.0206

Entries: 518

Mean: 2.7135 +/- 0.0135

Std Dev: 0.3063 +/- 0.0095

Run 5680 quartetwise, Sums



Cycle 9, Asyms

Entries: 493

Mean: 0.0000 +/- 0.0005

Std Dev: 0.0102 +/- 0.0003

Entries: 1892

Mean: 0.0314 +/- 0.0004

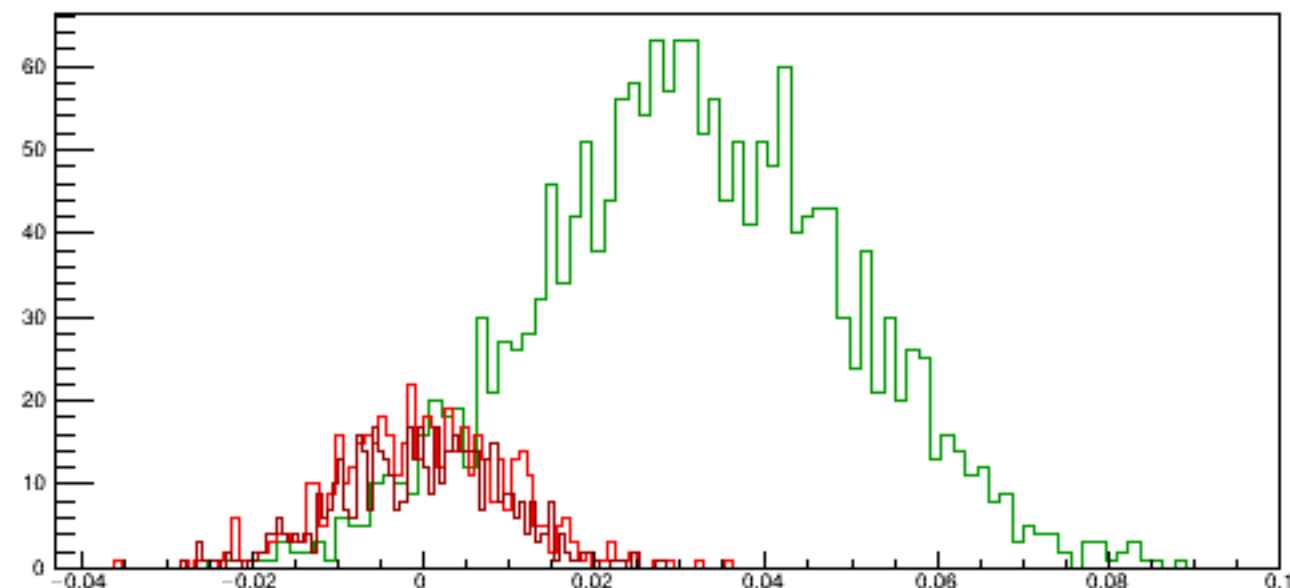
Std Dev: 0.0182 +/- 0.0003

Entries: 518

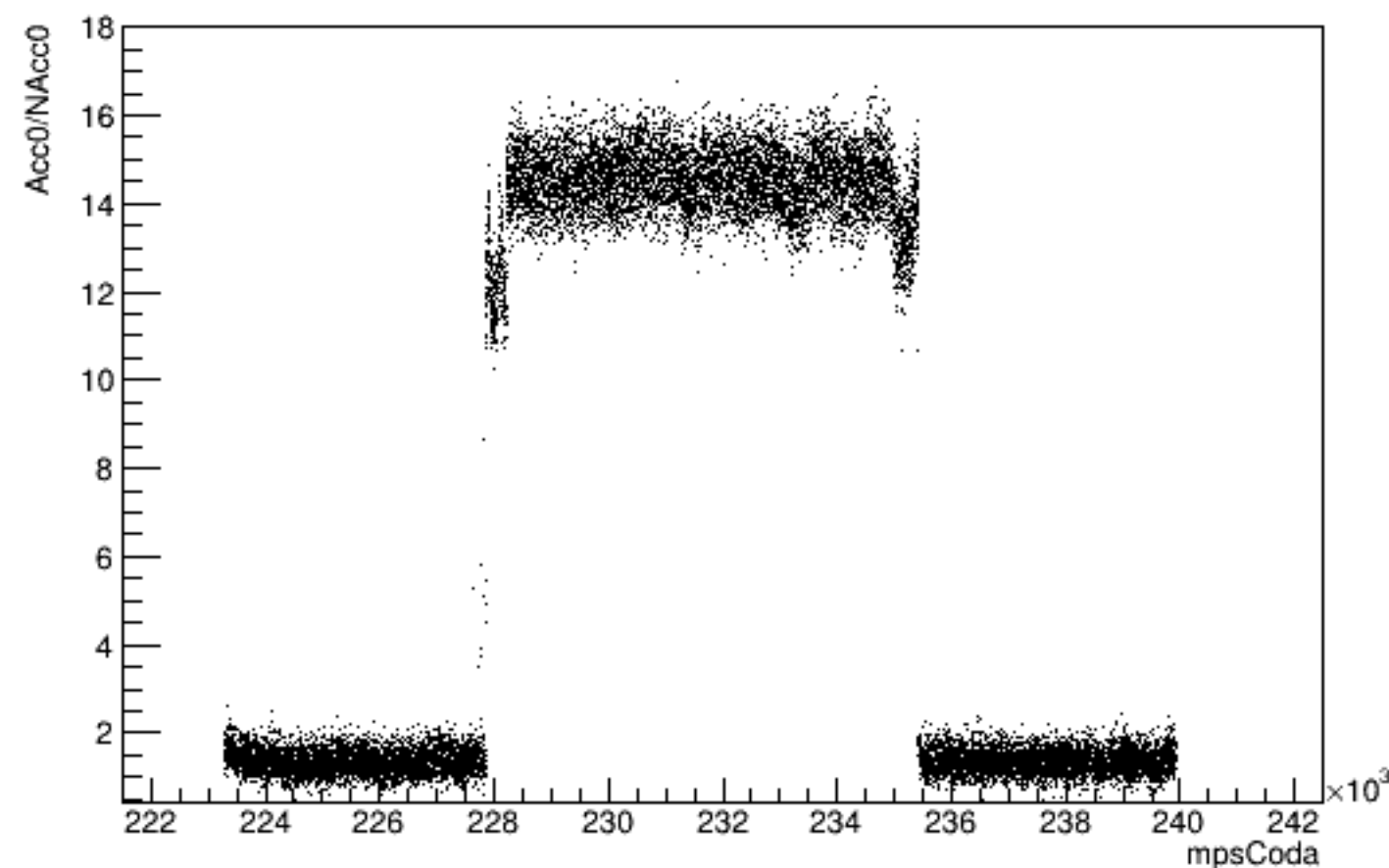
Mean: -0.0003 +/- 0.0004

Std Dev: 0.0096 +/- 0.0003

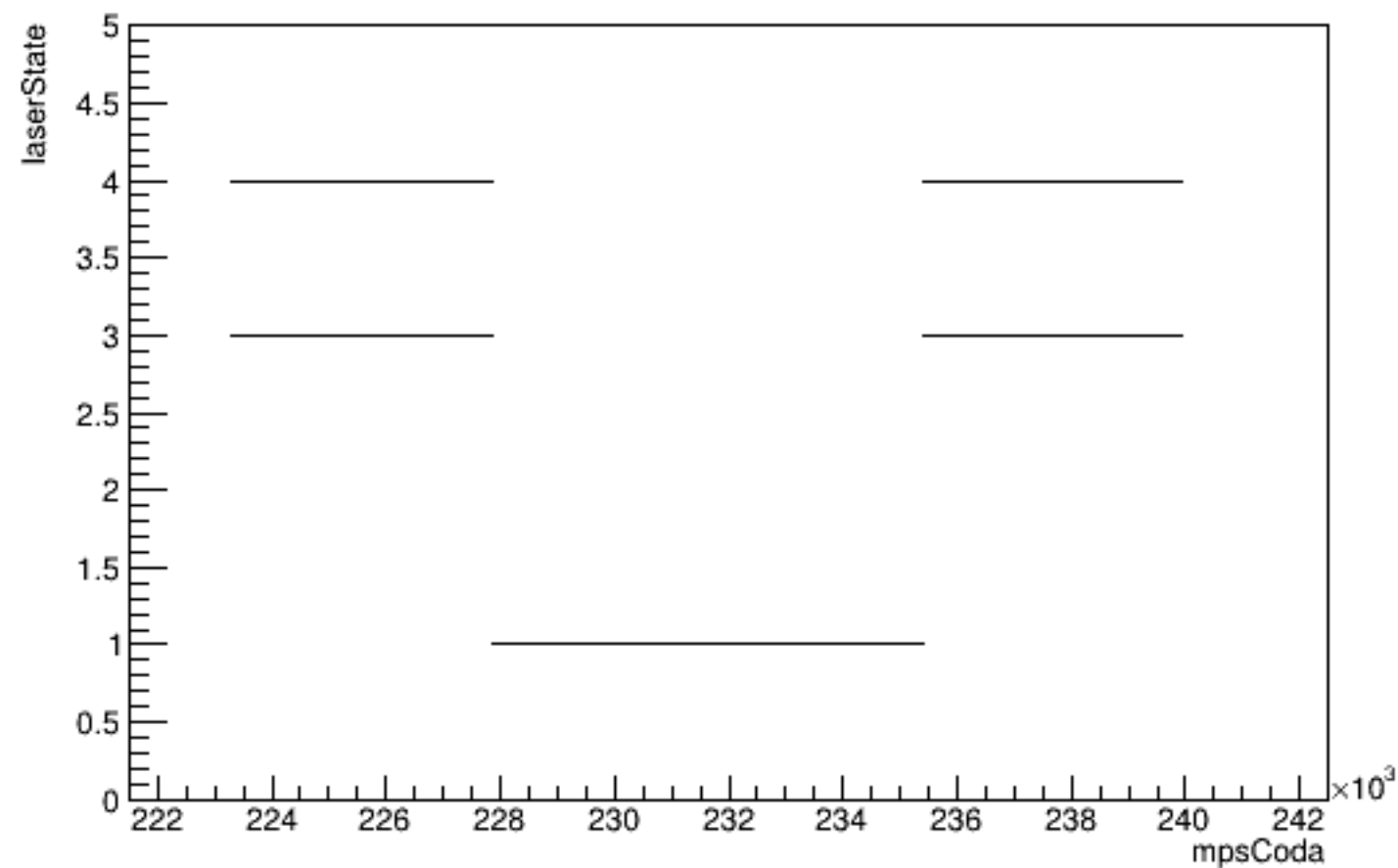
Run 5680 quartetwise, Asyms



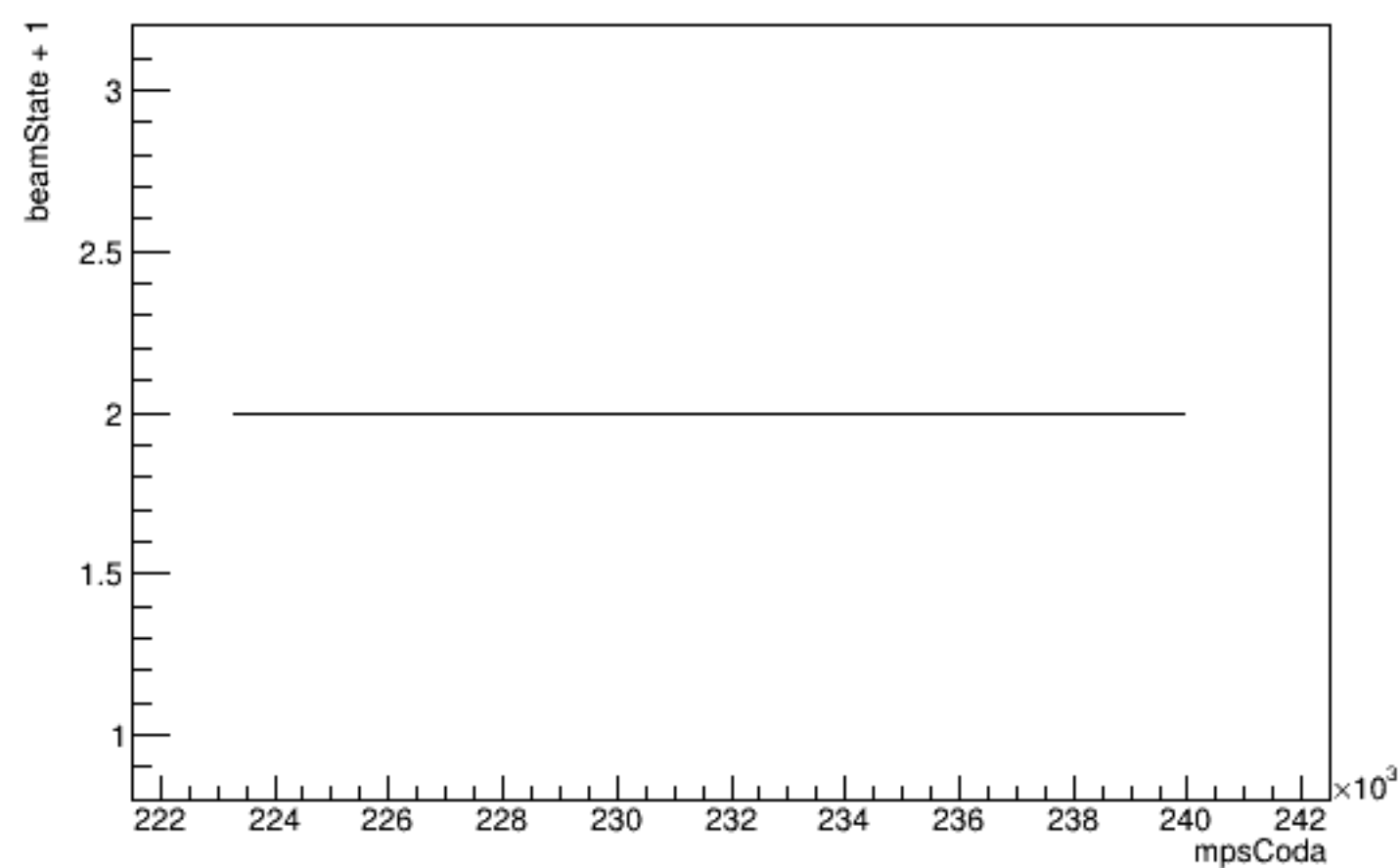
Acc0/NAcc0:mpsCoda (mpsCoda>=223293 && mpsCoda<=239924 && beamState==1)



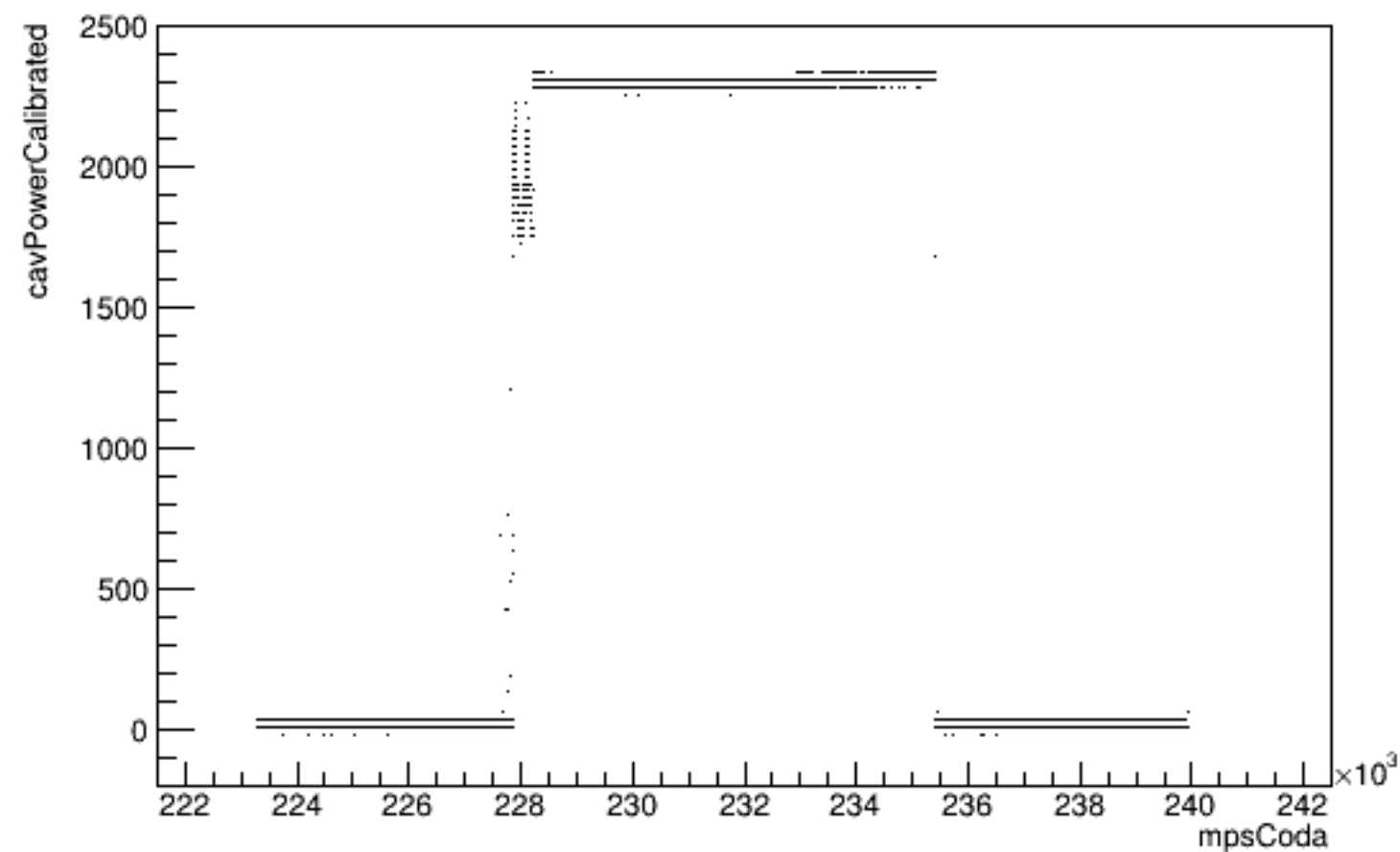
laserState:mpsCoda {mpsCoda>=223293 && mpsCoda<=239924}



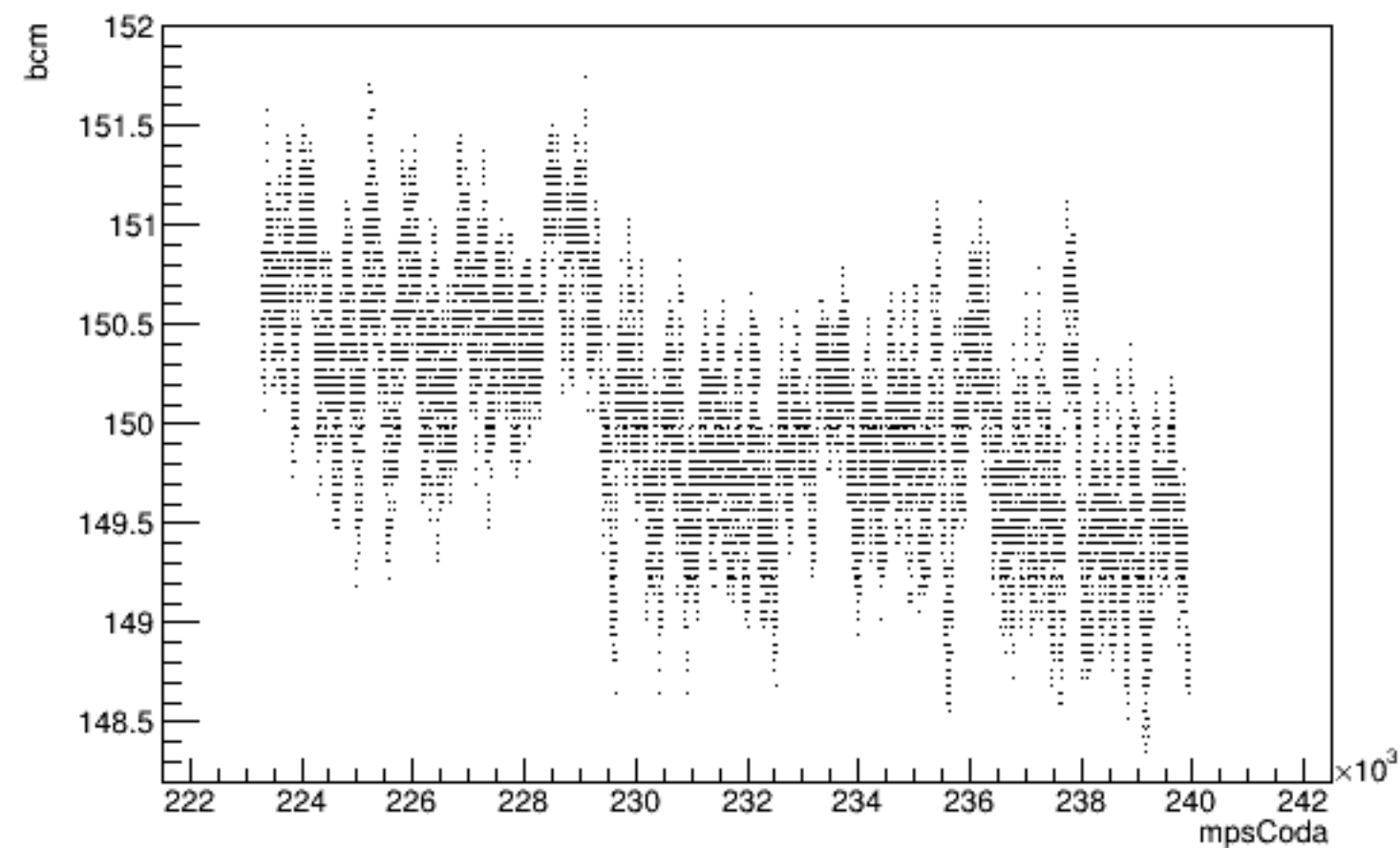
beamState + 1:mpsCoda {mpsCoda>=223293 && mpsCoda<=239924}



cavPowerCalibrated:mpsCoda {mpsCoda>=223293 && mpsCoda<=239924}



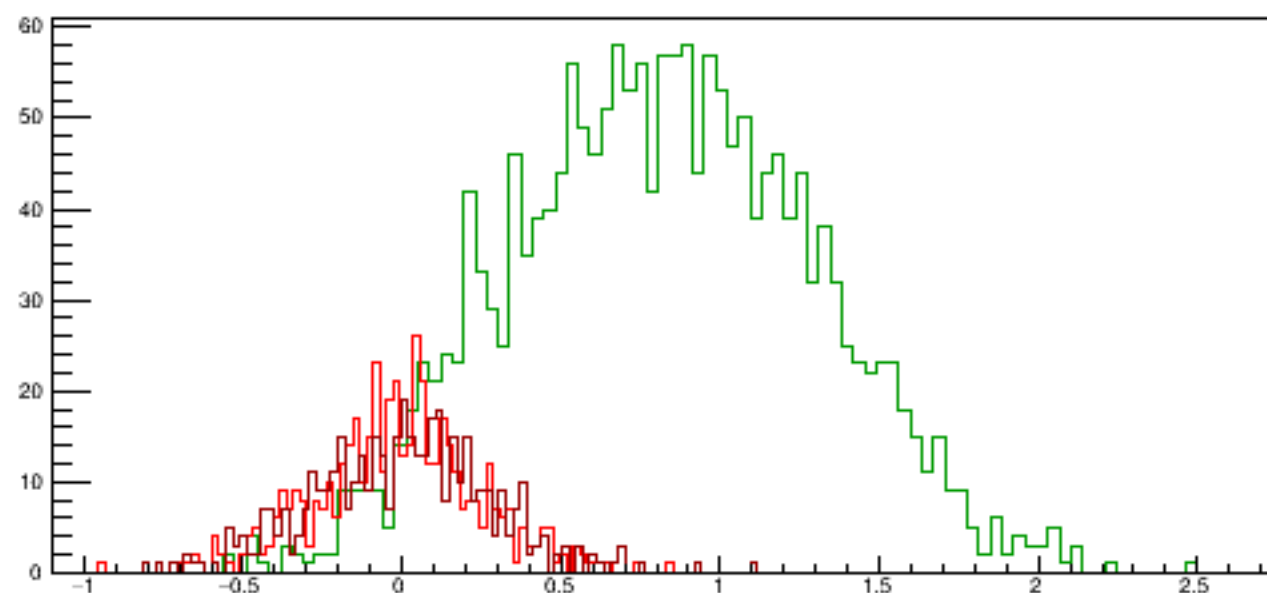
bcm:mpsCoda {mpsCoda>=223293 && mpsCoda<=239924}



Cycle 10, Diffs

Entries: 480	Entries: 1891	Entries: 436
Mean: -0.0134 +/- 0.0118	Mean: 0.8188 +/- 0.0109	Mean: -0.0004 +/- 0.0134
Std Dev: 0.2578 +/- 0.0083	Std Dev: 0.4757 +/- 0.0077	Std Dev: 0.2806 +/- 0.0095

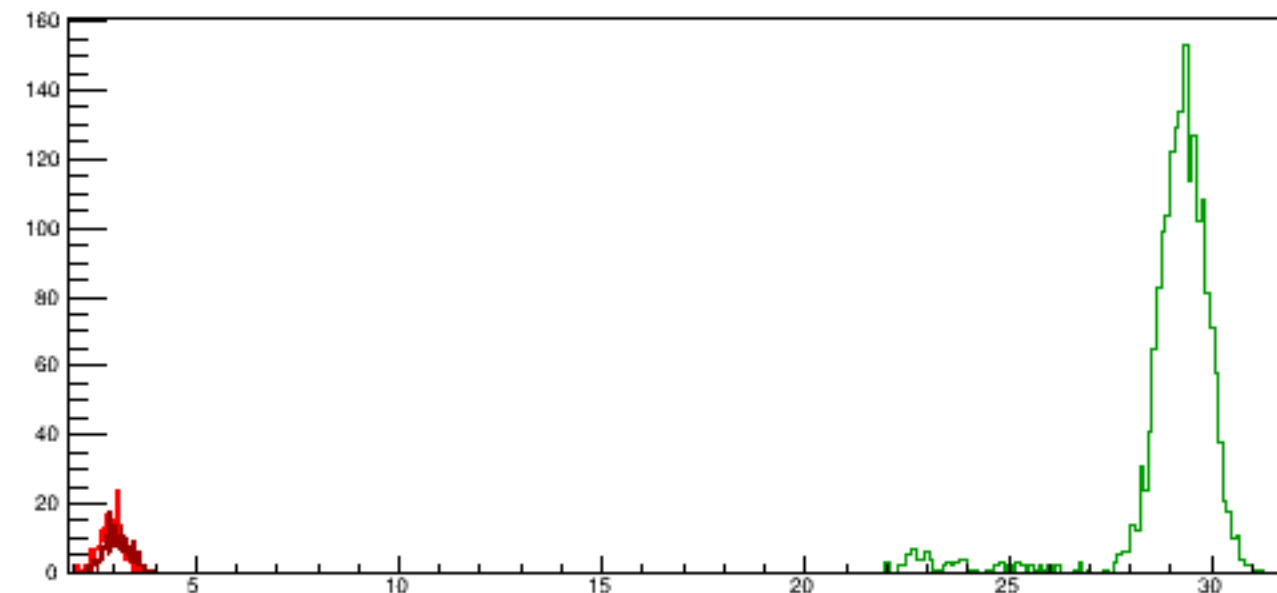
Run 5680 quartetwise, Diffs



Cycle 10, Sums

Entries: 480	Entries: 1891	Entries: 436
Mean: 2.8960 +/- 0.0135	Mean: 29.0565 +/- 0.0299	Mean: 3.0723 +/- 0.0147
Std Dev: 0.2949 +/- 0.0095	Std Dev: 1.3013 +/- 0.0212	Std Dev: 0.3079 +/- 0.0104

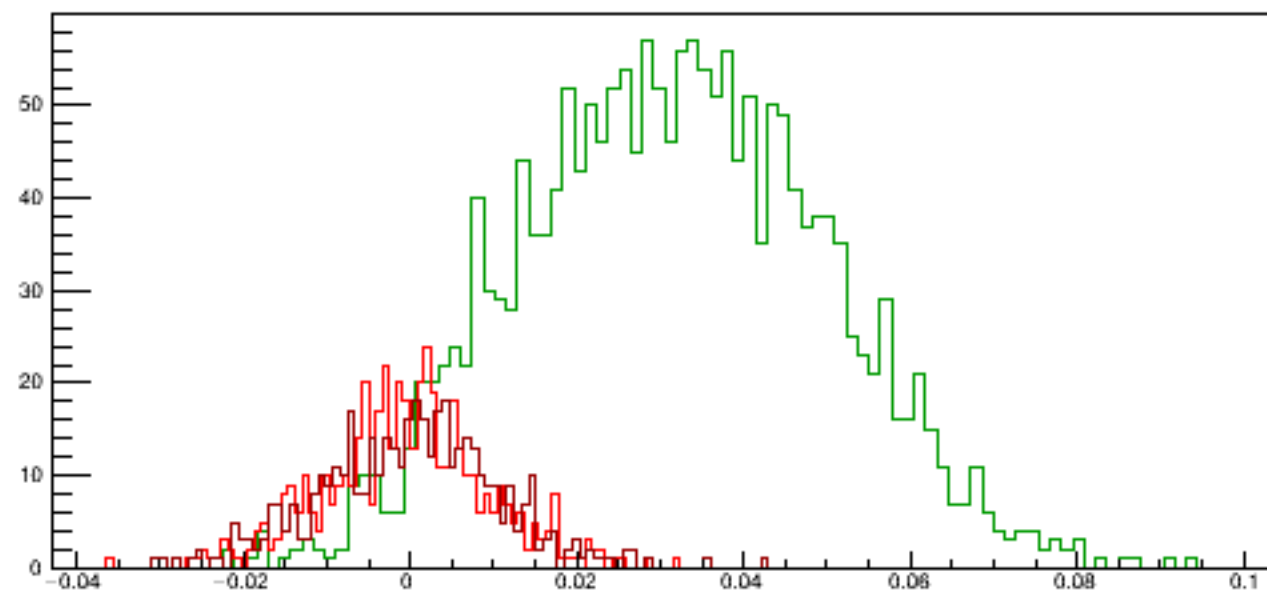
Run 5680 quartetwise, Sums



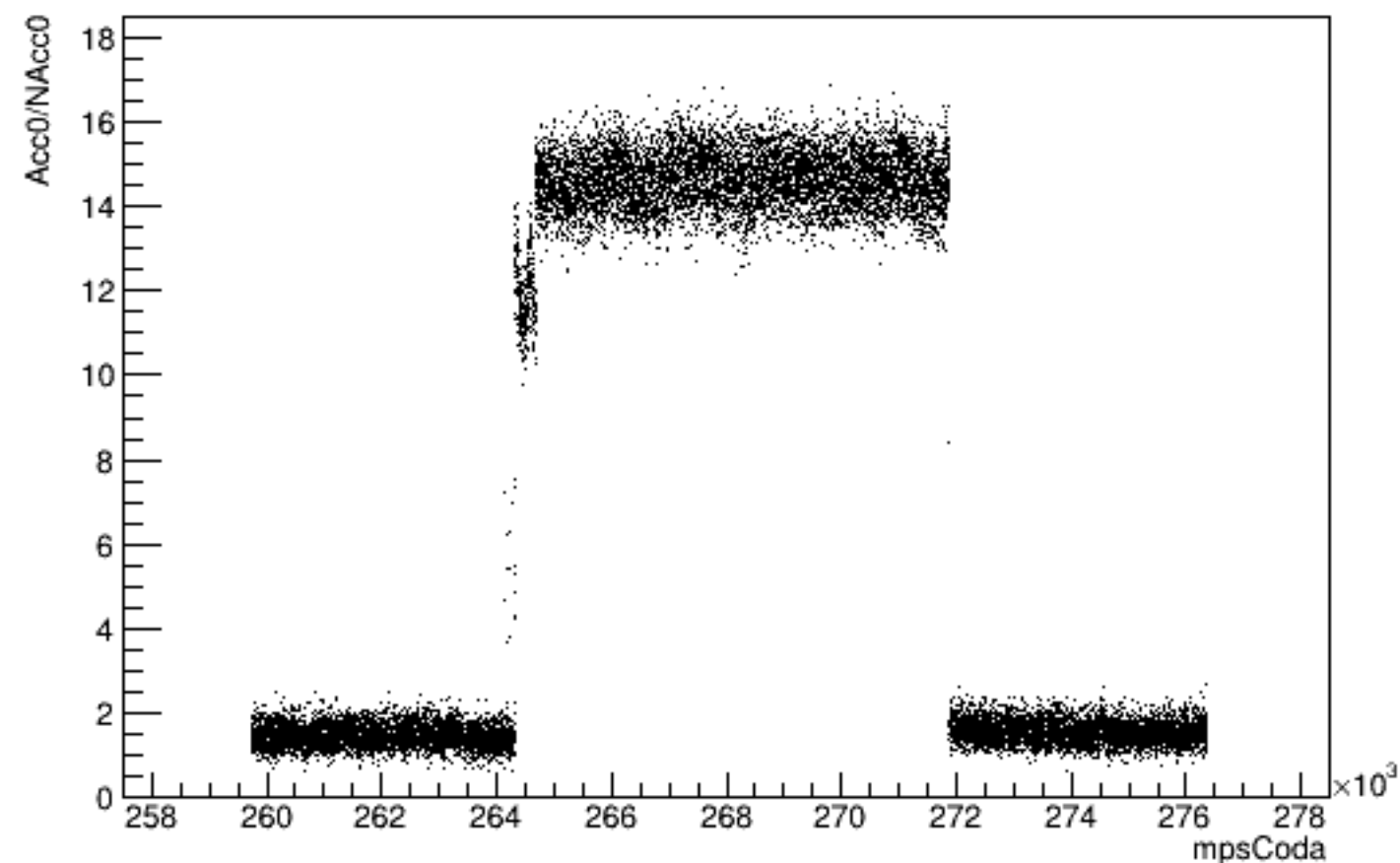
Cycle 10, Asyms

Entries: 480	Entries: 1891	Entries: 436
Mean: -0.0005 +/- 0.0005	Mean: 0.0314 +/- 0.0004	Mean: -0.0000 +/- 0.0005
Std Dev: 0.0099 +/- 0.0003	Std Dev: 0.0182 +/- 0.0003	Std Dev: 0.0108 +/- 0.0004

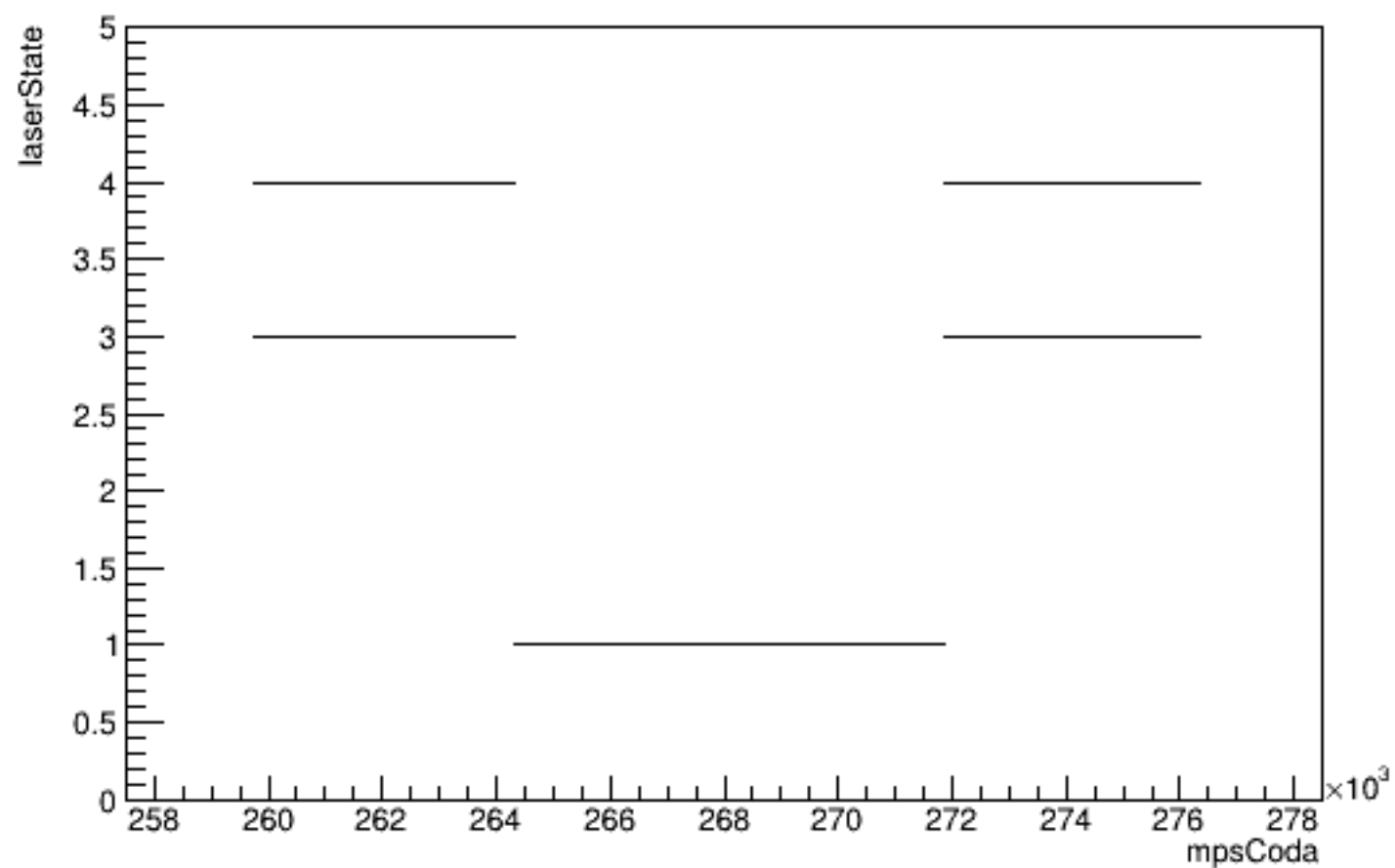
Run 5680 quartetwise, Asyms



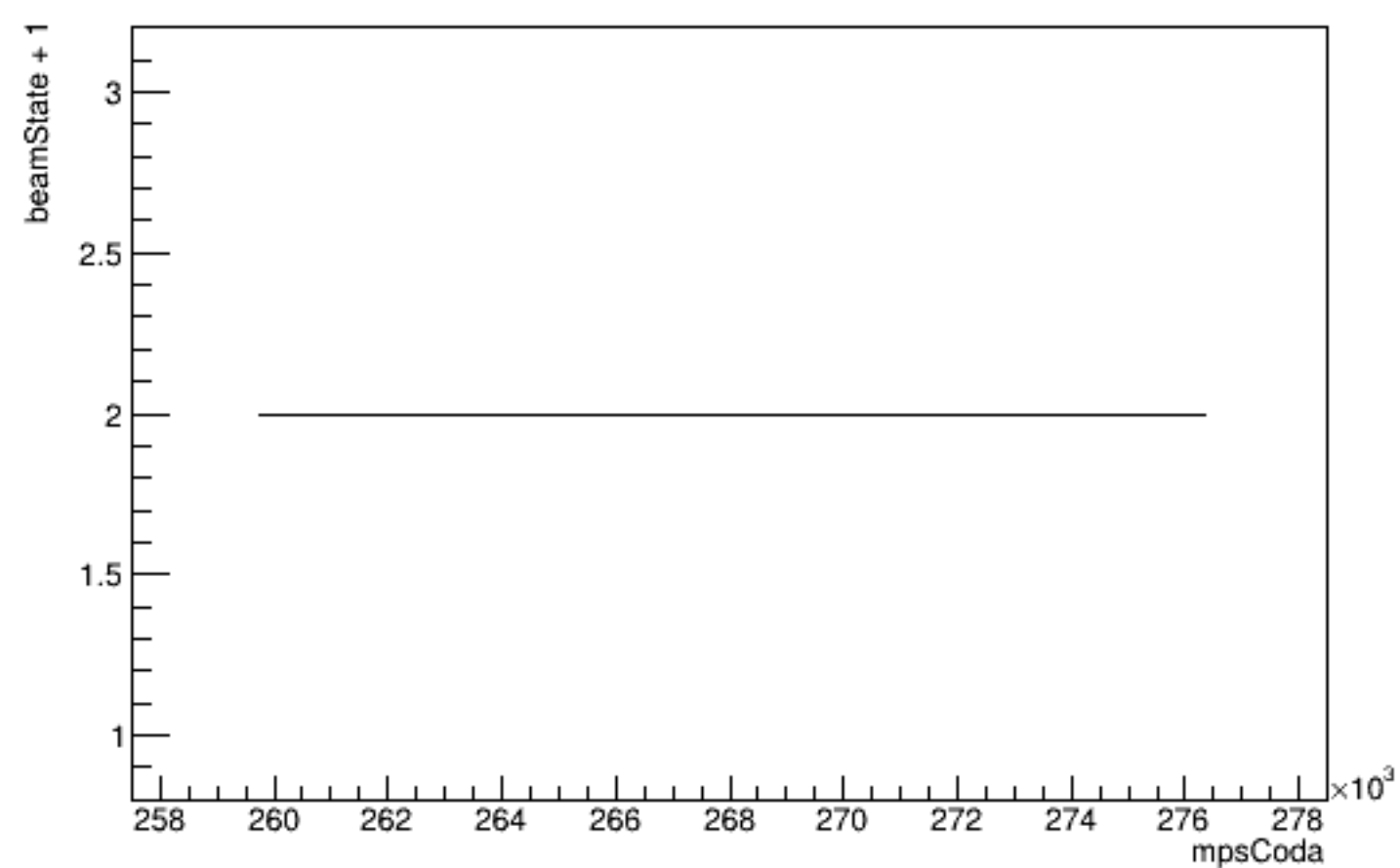
Acc0/NAcc0:mpsCoda (mpsCoda>=259725 && mpsCoda<=276348 && beamState==1)



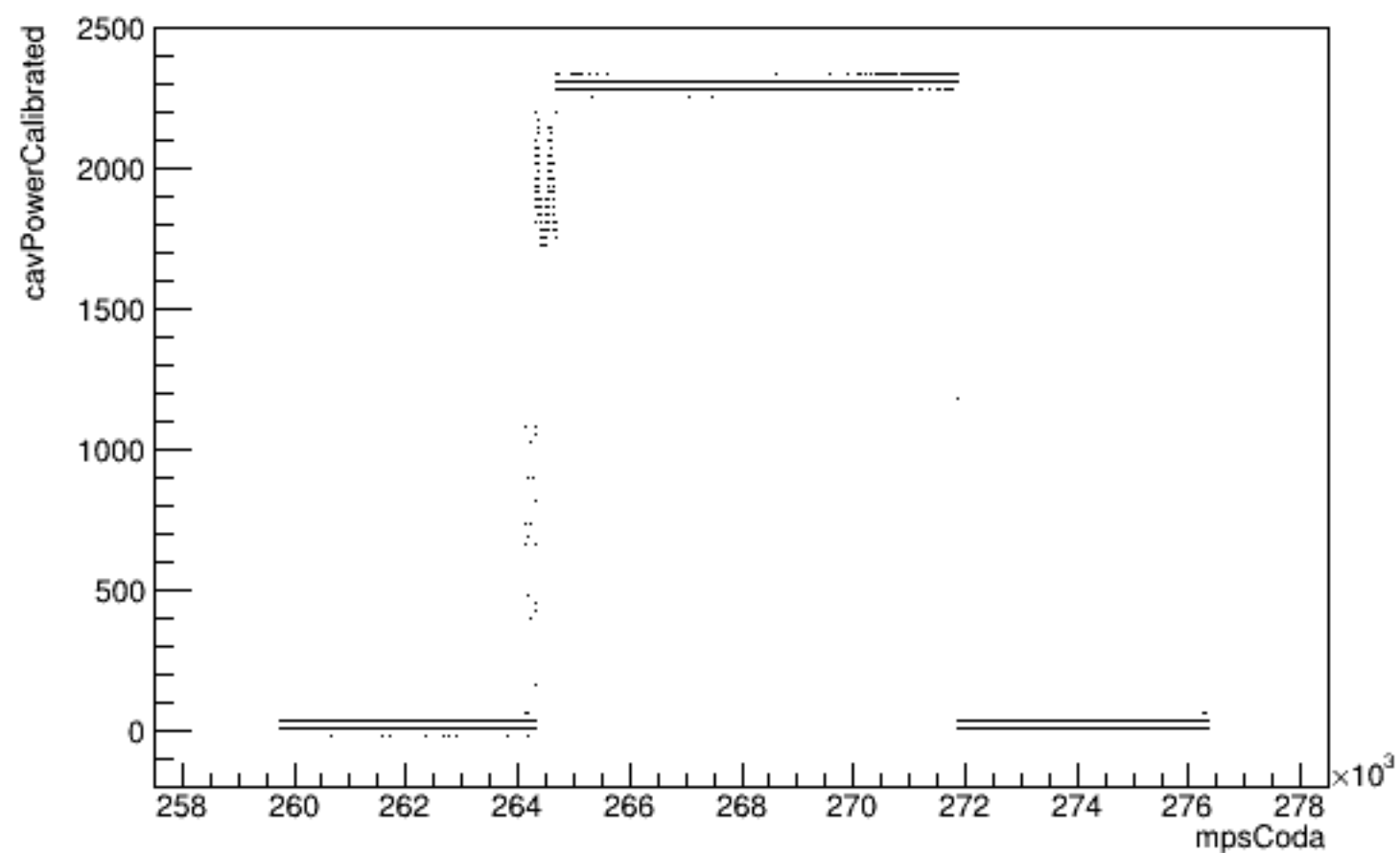
laserState:mpsCoda {mpsCoda>=259725 && mpsCoda<=276348}



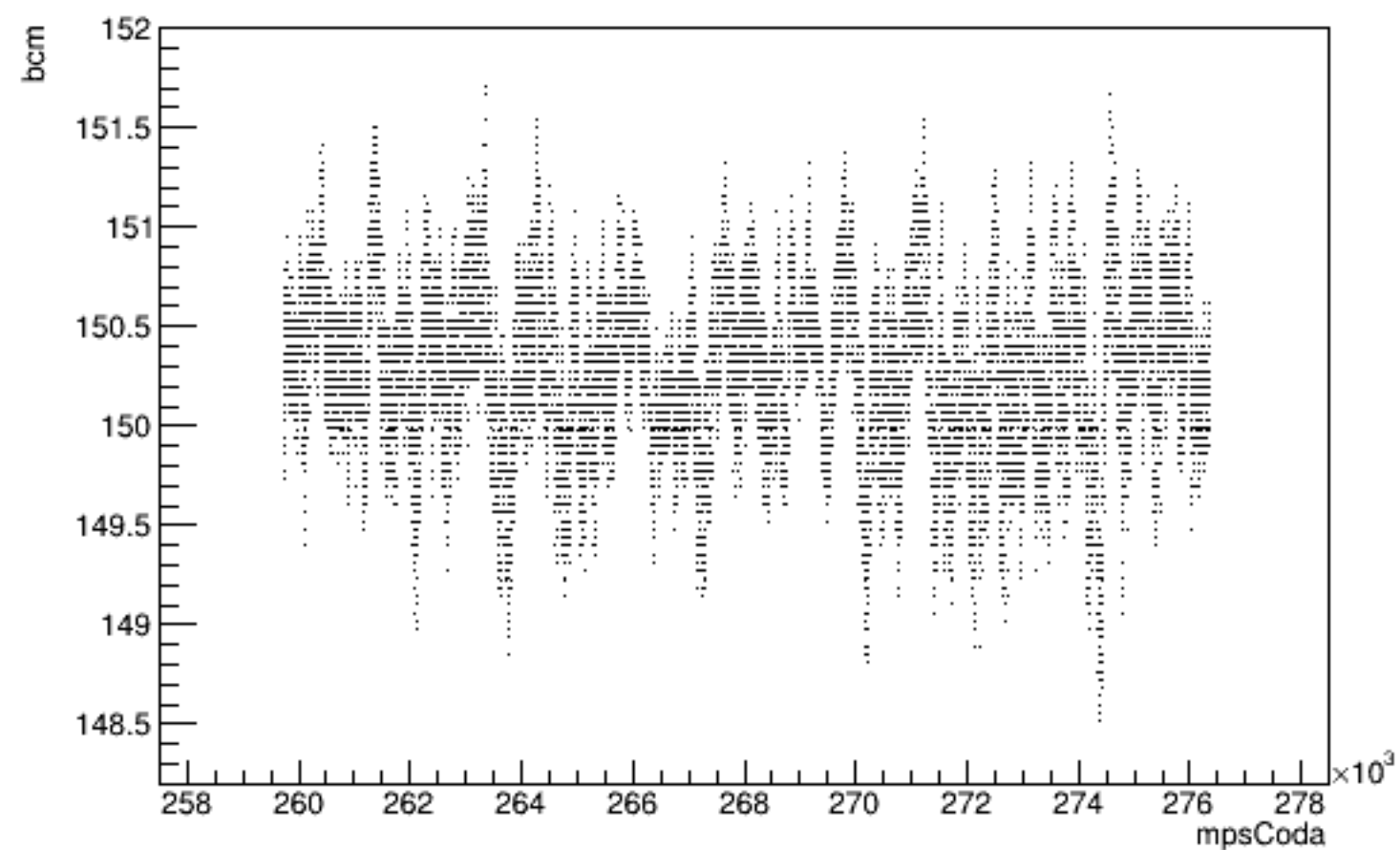
beamState + 1:mpsCoda {mpsCoda>=259725 && mpsCoda<=276348}



cavPowerCalibrated:mpsCoda {mpsCoda>=259725 && mpsCoda<=276348}



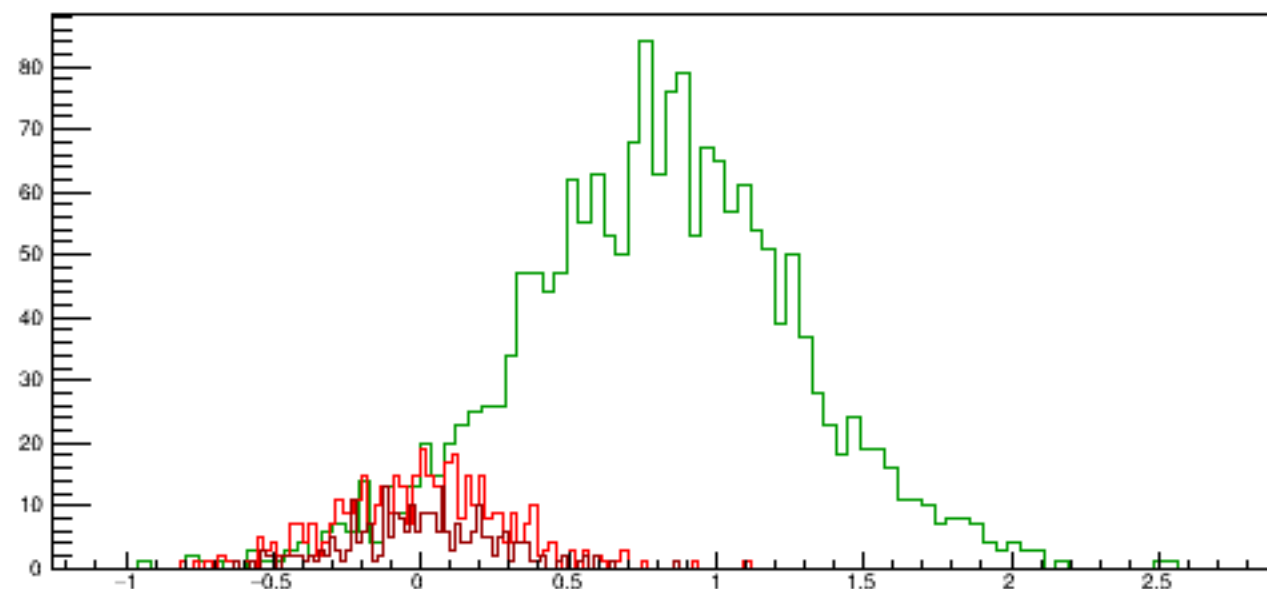
bcm:mpsCoda {mpsCoda>=259725 && mpsCoda<=276348}



Cycle 11, Diffs

Entries: 436	Entries: 1881	Entries: 262
Mean: -0.0004 +/- 0.0134	Mean: 0.8003 +/- 0.0110	Mean: 0.0021 +/- 0.0154
Std Dev: 0.2806 +/- 0.0095	Std Dev: 0.4752 +/- 0.0077	Std Dev: 0.2488 +/- 0.0109

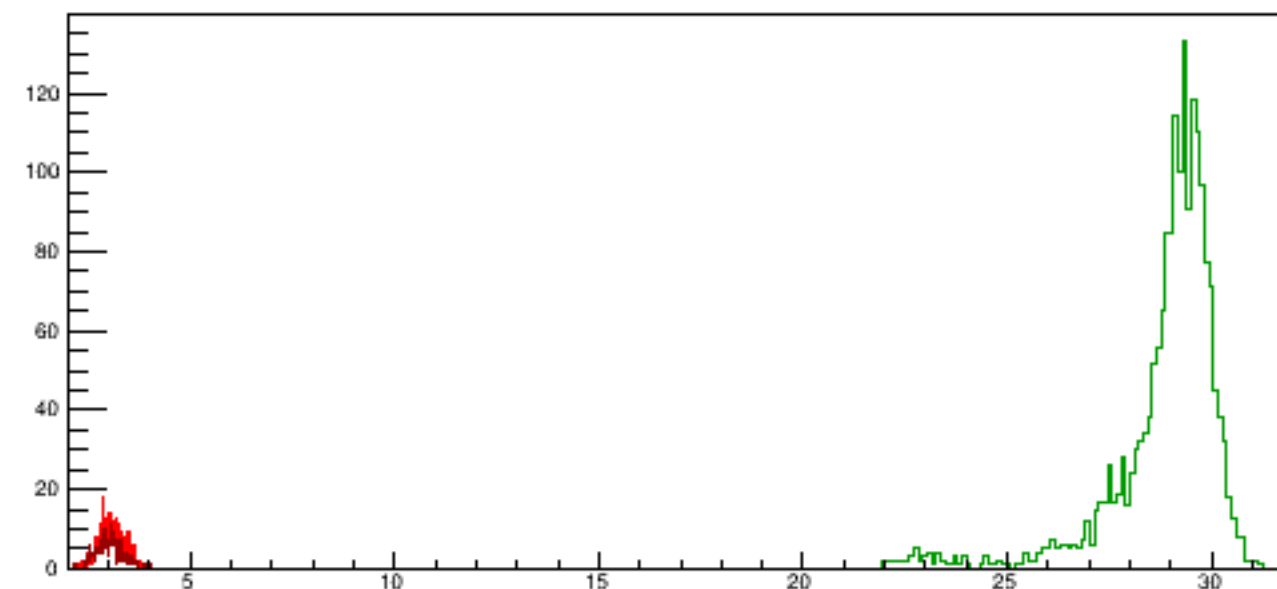
Run 5680 quartetwise, Diffs



Cycle 11, Sums

Entries: 436	Entries: 1881	Entries: 262
Mean: 3.0723 +/- 0.0147	Mean: 28.8822 +/- 0.0315	Mean: 3.0220 +/- 0.0195
Std Dev: 0.3079 +/- 0.0104	Std Dev: 1.3658 +/- 0.0223	Std Dev: 0.3154 +/- 0.0138

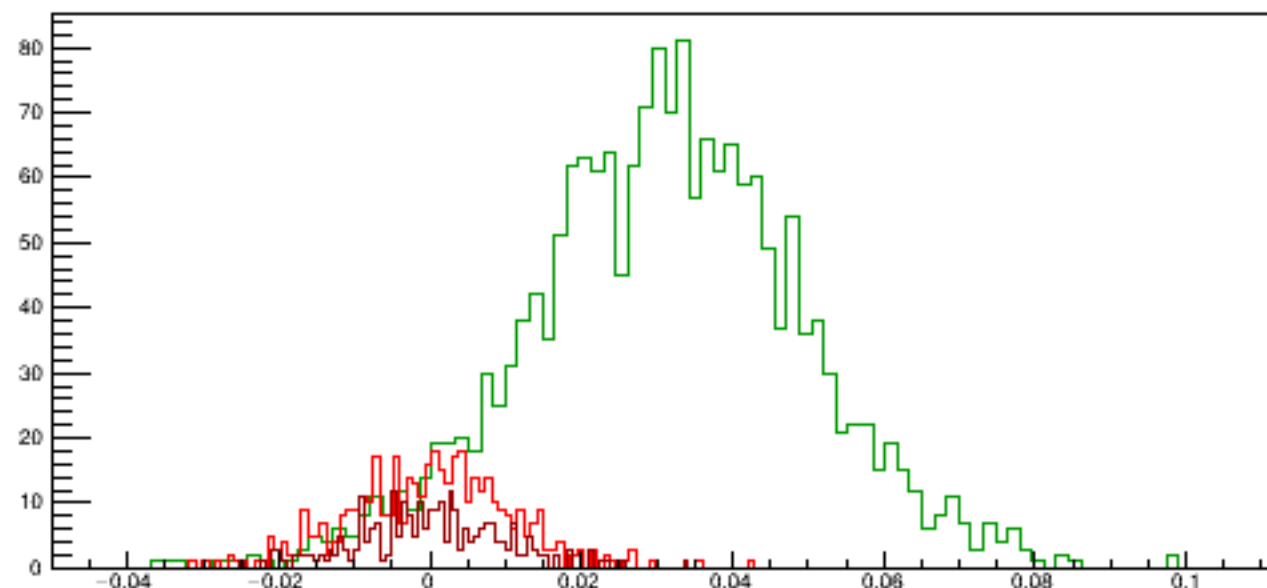
Run 5680 quartetwise, Sums



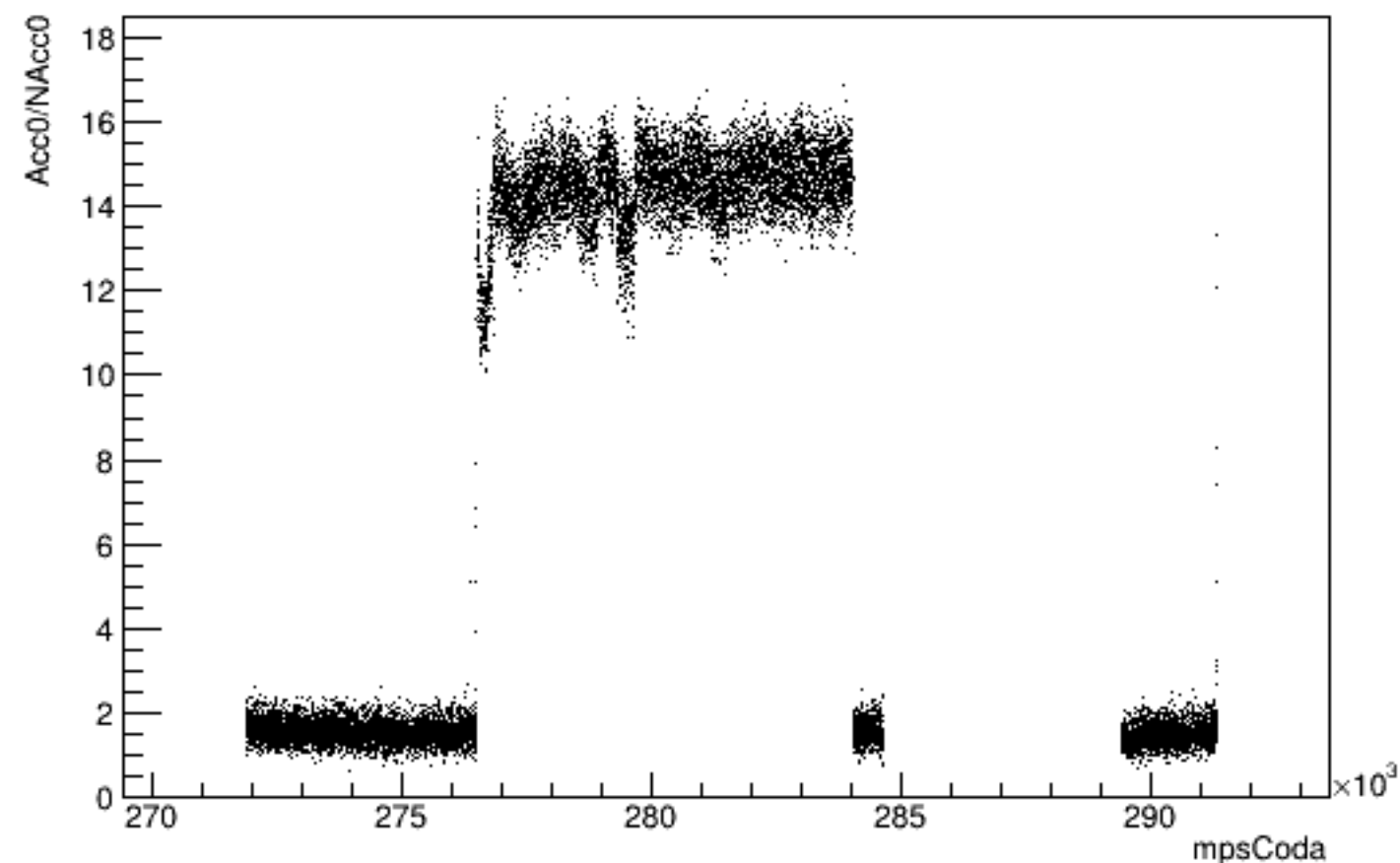
Cycle 11, Asyms

Entries: 436	Entries: 1881	Entries: 262
Mean: -0.0000 +/- 0.0005	Mean: 0.0310 +/- 0.0004	Mean: 0.0001 +/- 0.0006
Std Dev: 0.0109 +/- 0.0004	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0096 +/- 0.0004

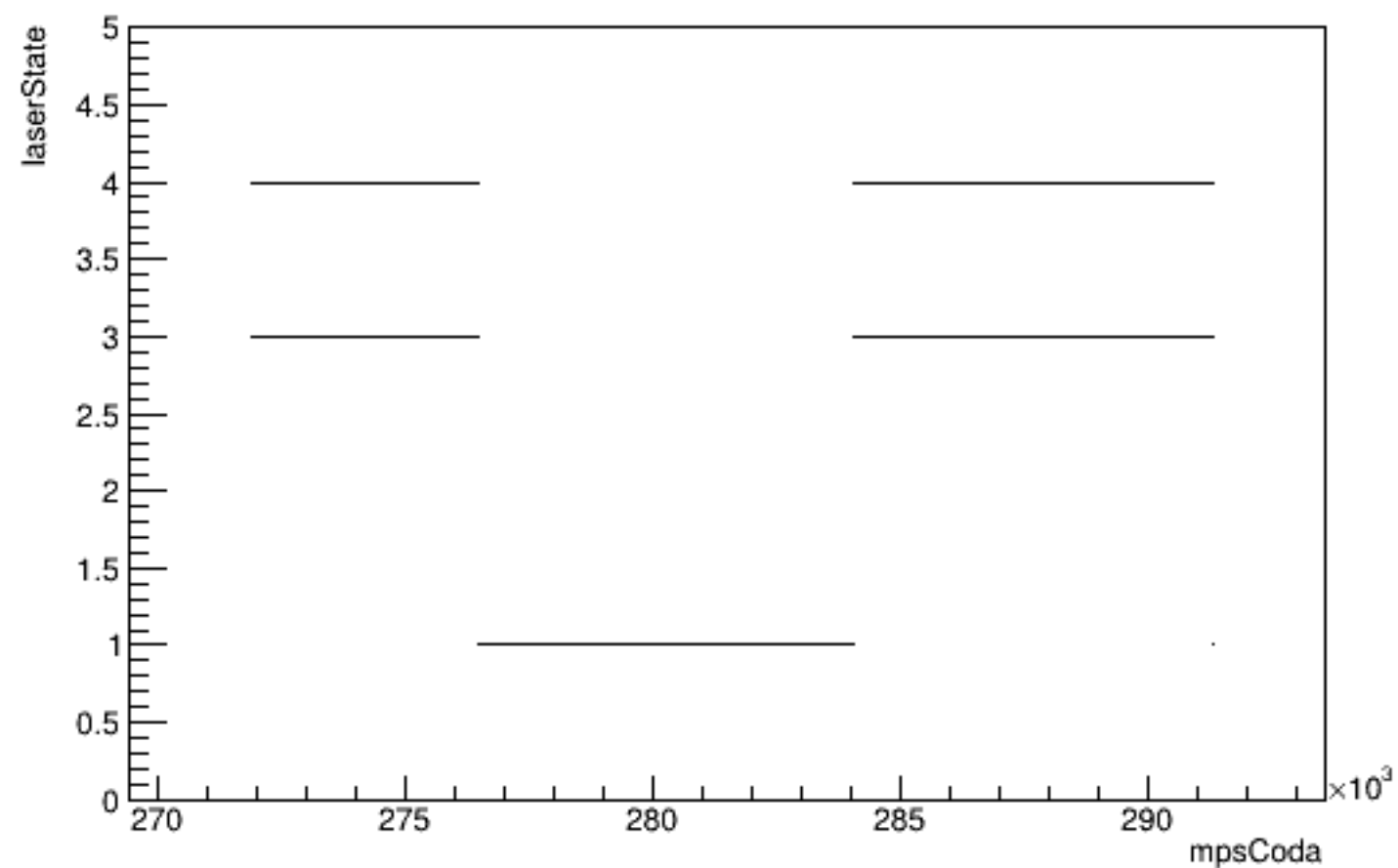
Run 5680 quartetwise, Asyms



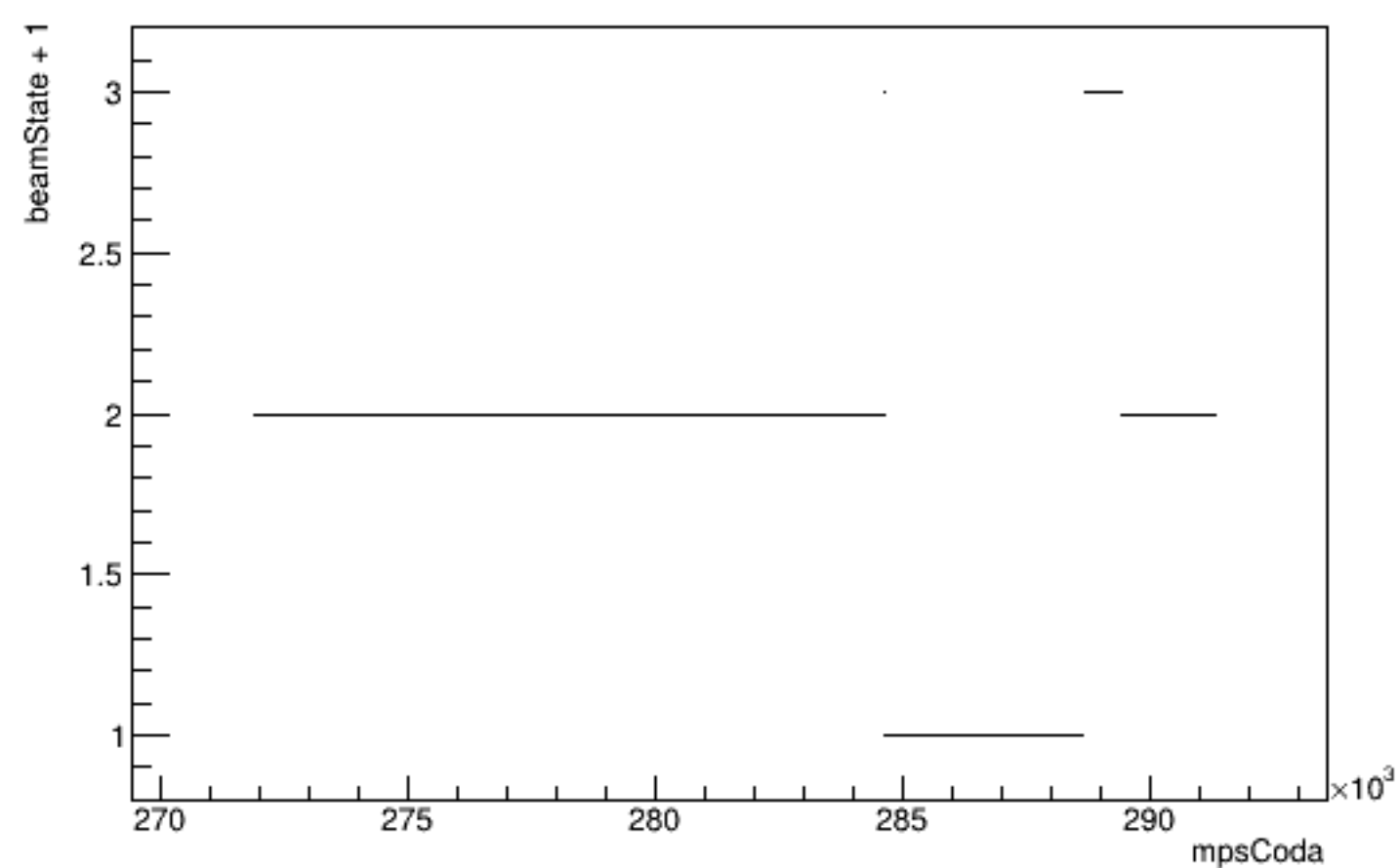
Acc0/NAcc0:mpsCoda (mpsCoda>=271885 && mpsCoda<=291324 && beamState==1)



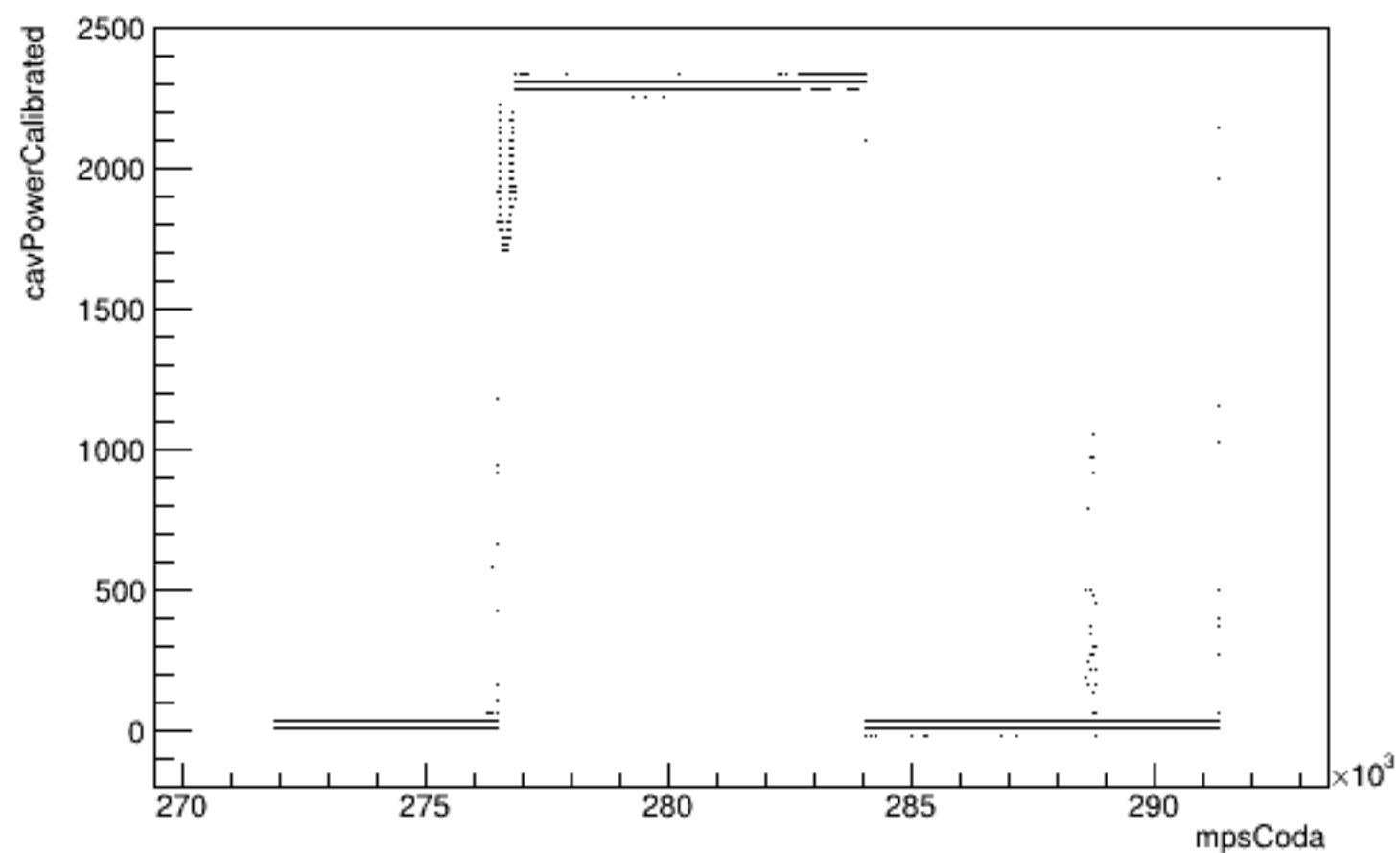
laserState:mpsCoda {mpsCoda>=271885 && mpsCoda<=291324}



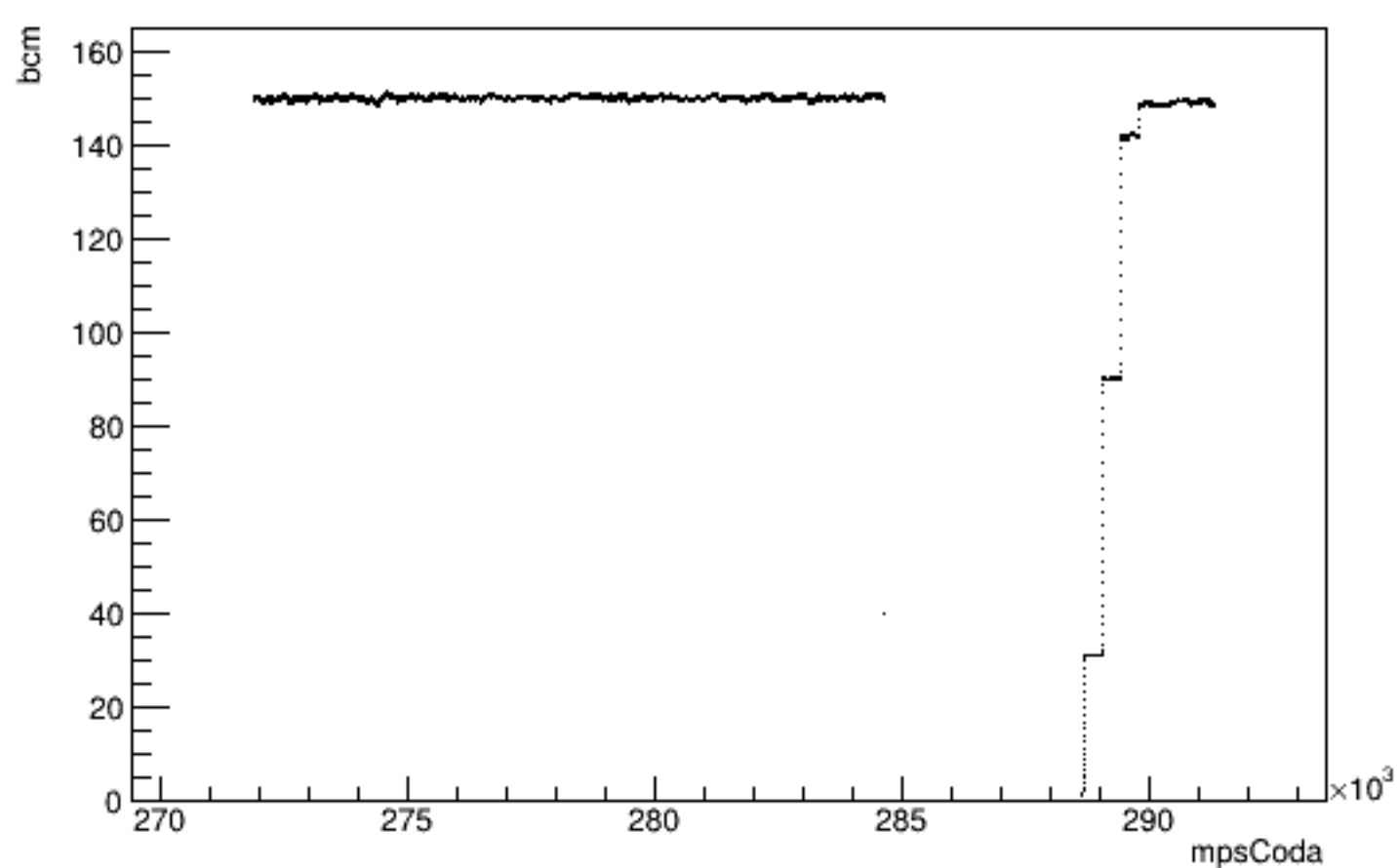
beamState + 1:mpsCoda {mpsCoda>=271885 && mpsCoda<=291324}



cavPowerCalibrated:mpsCoda {mpsCoda>=271885 && mpsCoda<=291324}



bcm:mpsCoda {mpsCoda>=271885 && mpsCoda<=291324}



Cycle 12, Diffs

Entries: 1307

Mean: -0.0125 +/- 0.0072

Std Dev: 0.2594 +/- 0.0051

Entries: 1002

Mean: 0.7098 +/- 0.0163

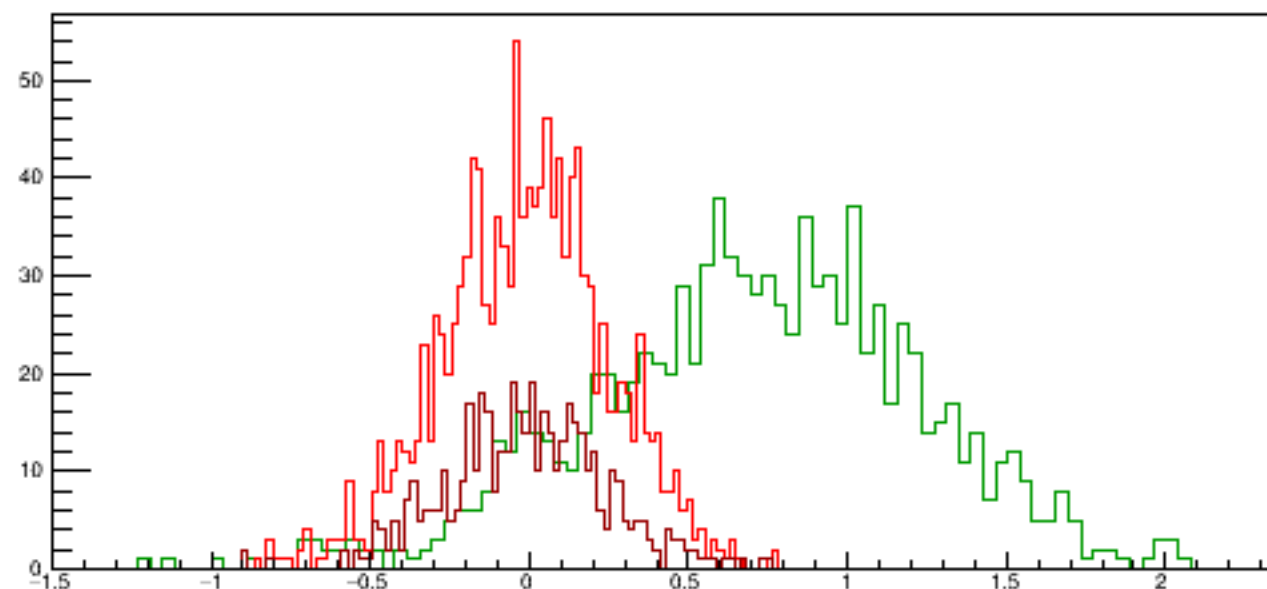
Std Dev: 0.5158 +/- 0.0115

Entries: 463

Mean: -0.0130 +/- 0.0116

Std Dev: 0.2503 +/- 0.0082

Run 5680 quartetwise, Diffs



Cycle 12, Sums

Entries: 1307

Mean: 2.9575 +/- 0.0086

Std Dev: 0.3103 +/- 0.0061

Entries: 1002

Mean: 25.9785 +/- 0.1643

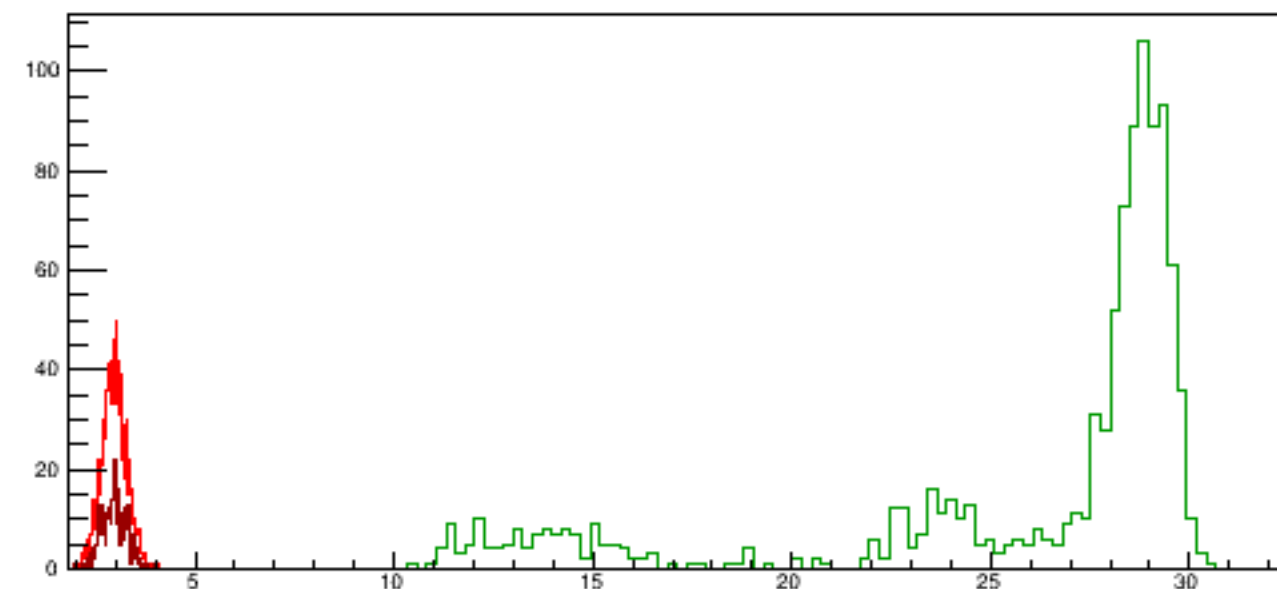
Std Dev: 5.2021 +/- 0.1162

Entries: 463

Mean: 2.9516 +/- 0.0145

Std Dev: 0.3113 +/- 0.0102

Run 5680 quartetwise, Sums



Cycle 12, Asyms

Entries: 1307

Mean: -0.0005 +/- 0.0003

Std Dev: 0.0113 +/- 0.0002

Entries: 1002

Mean: 0.0303 +/- 0.0008

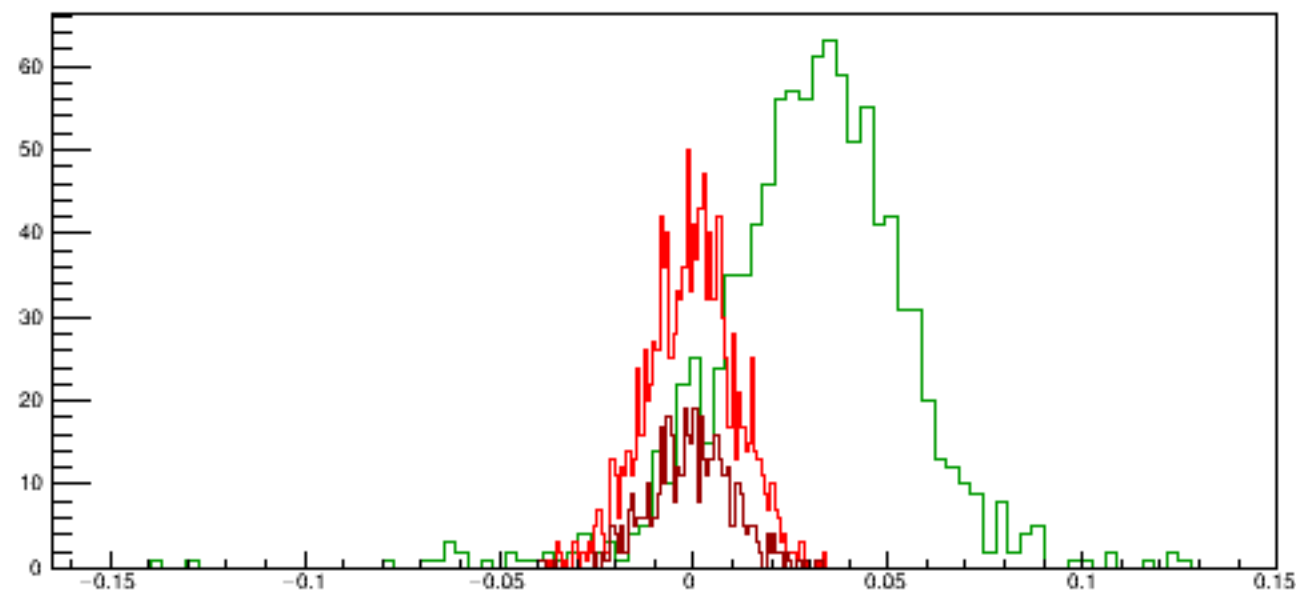
Std Dev: 0.0256 +/- 0.0006

Entries: 463

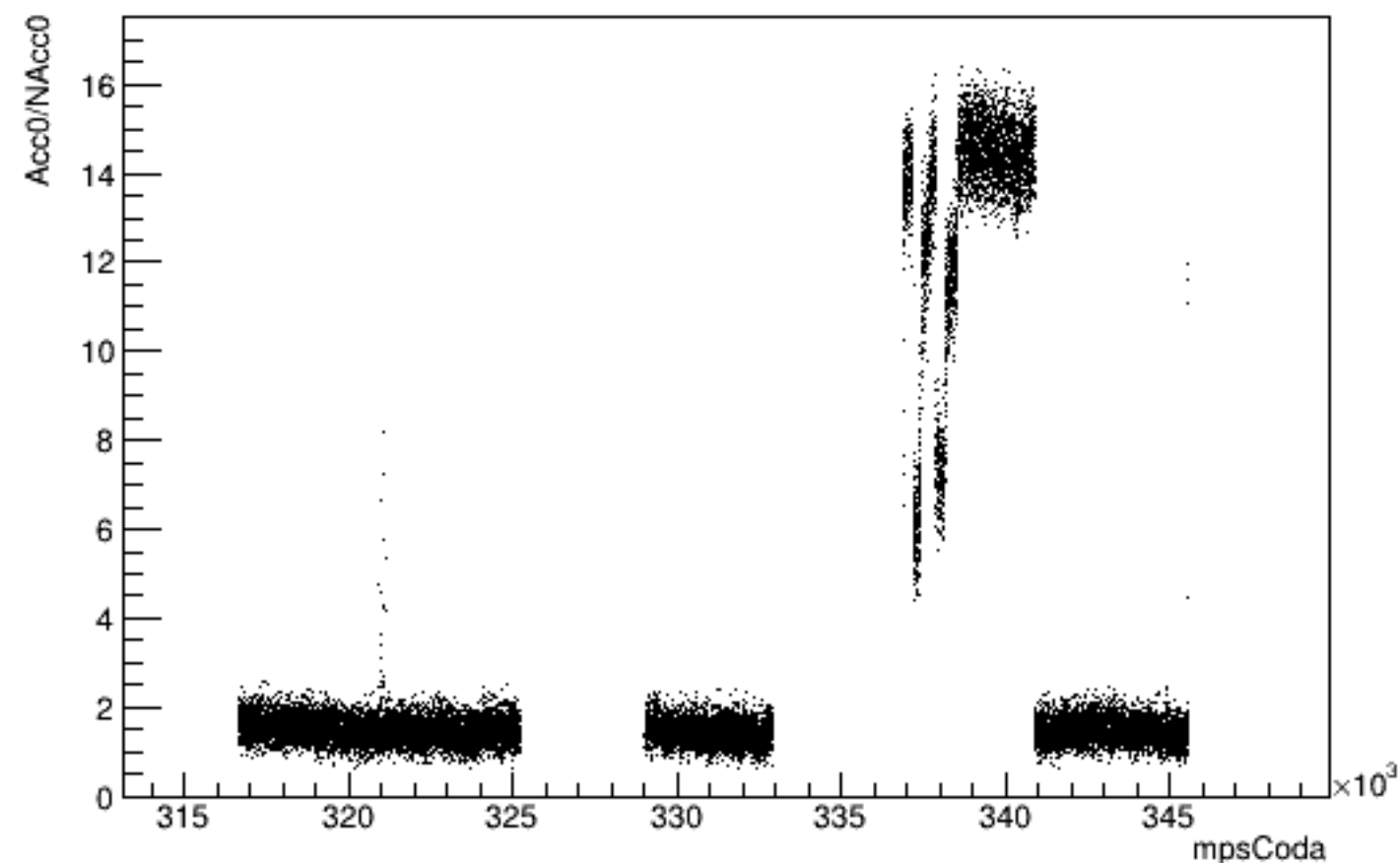
Mean: -0.0006 +/- 0.0005

Std Dev: 0.0109 +/- 0.0004

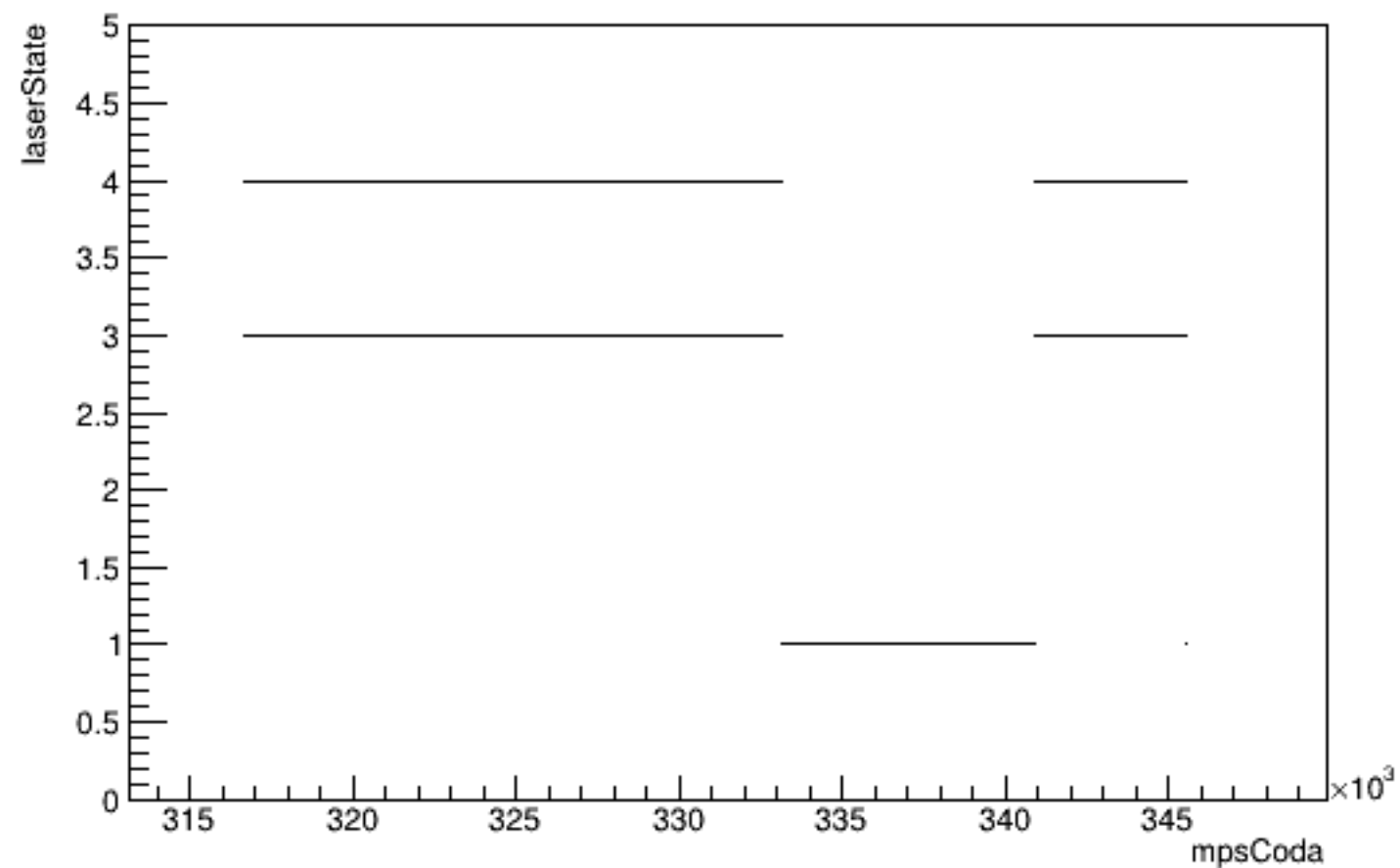
Run 5680 quartetwise, Asyms



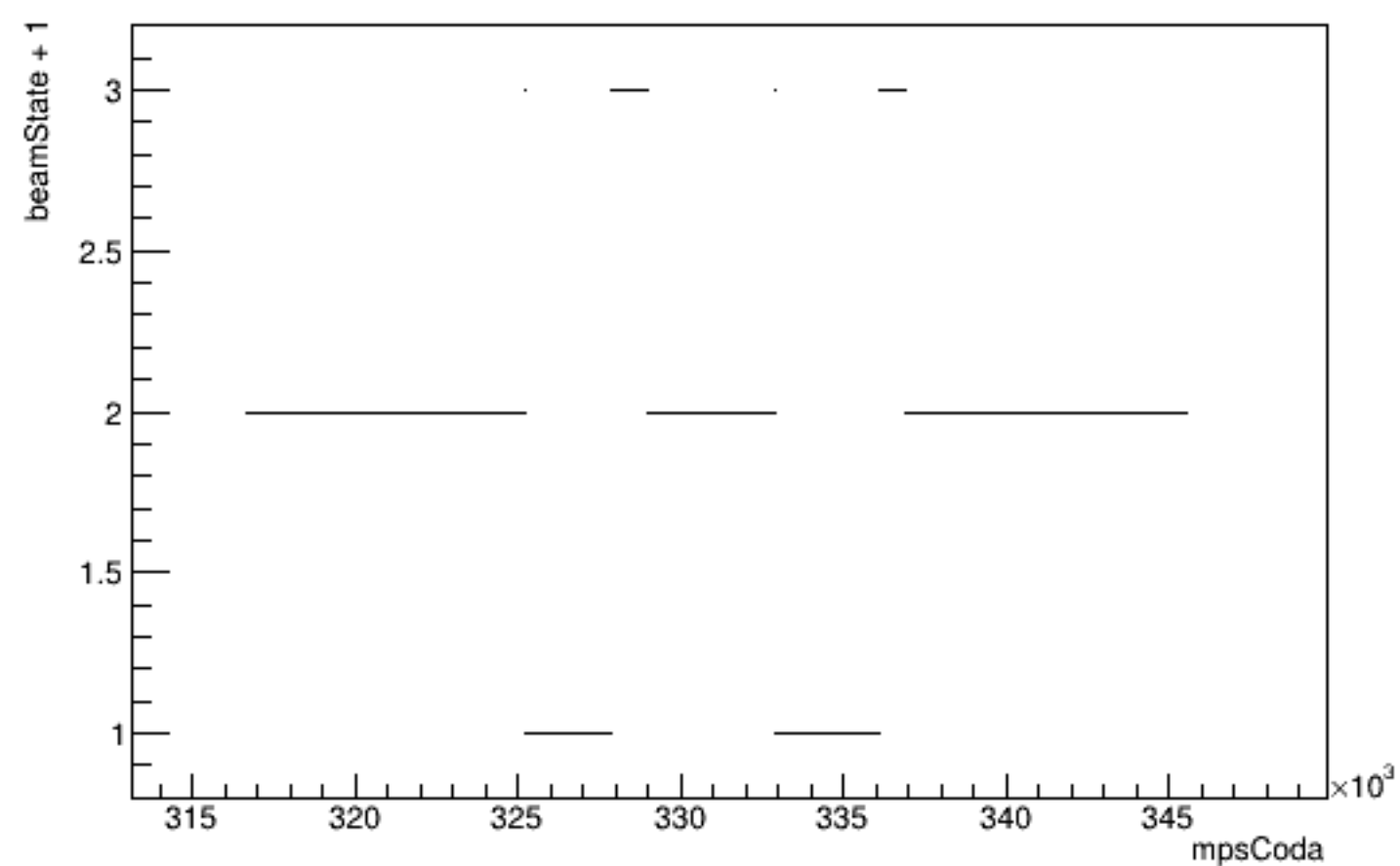
Acc0/NAcc0:mpsCoda (mpsCoda>=316645 && mpsCoda<=345564 && beamState==1)



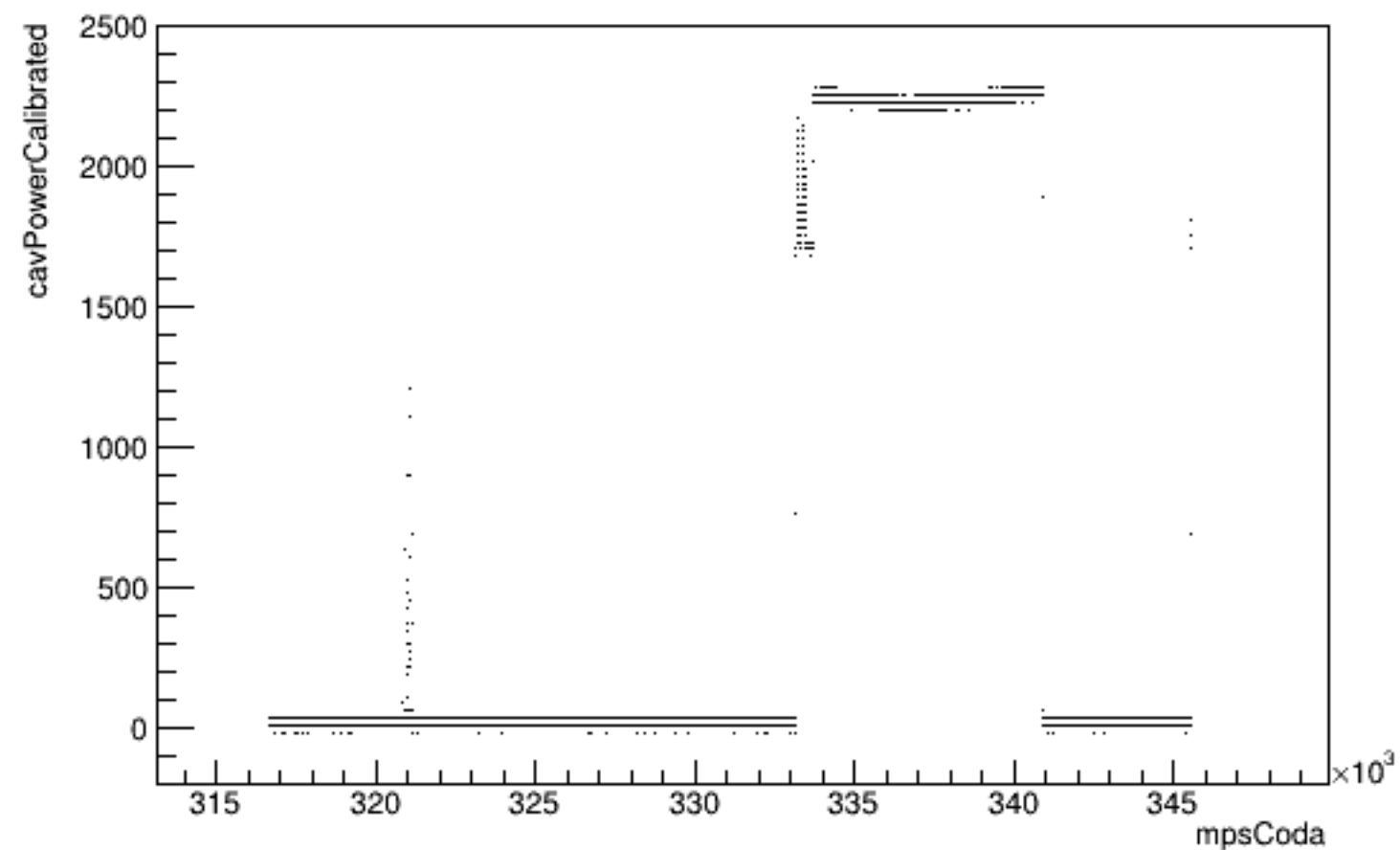
laserState:mpsCoda {mpsCoda>=316645 && mpsCoda<=345564}



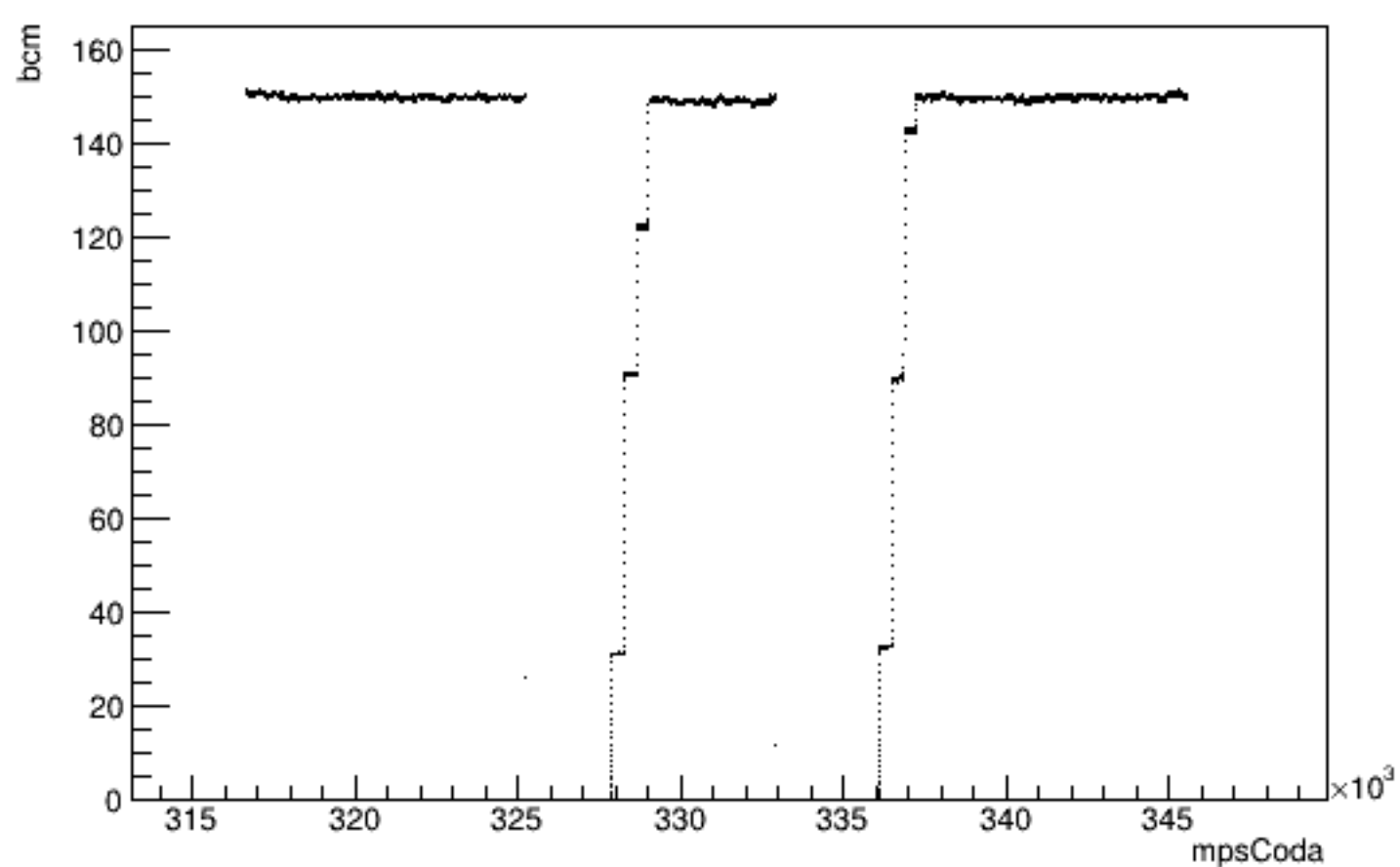
beamState + 1:mpsCoda {mpsCoda>=316645 && mpsCoda<=345564}



cavPowerCalibrated:mpsCoda {mpsCoda>=316645 && mpsCoda<=345564}



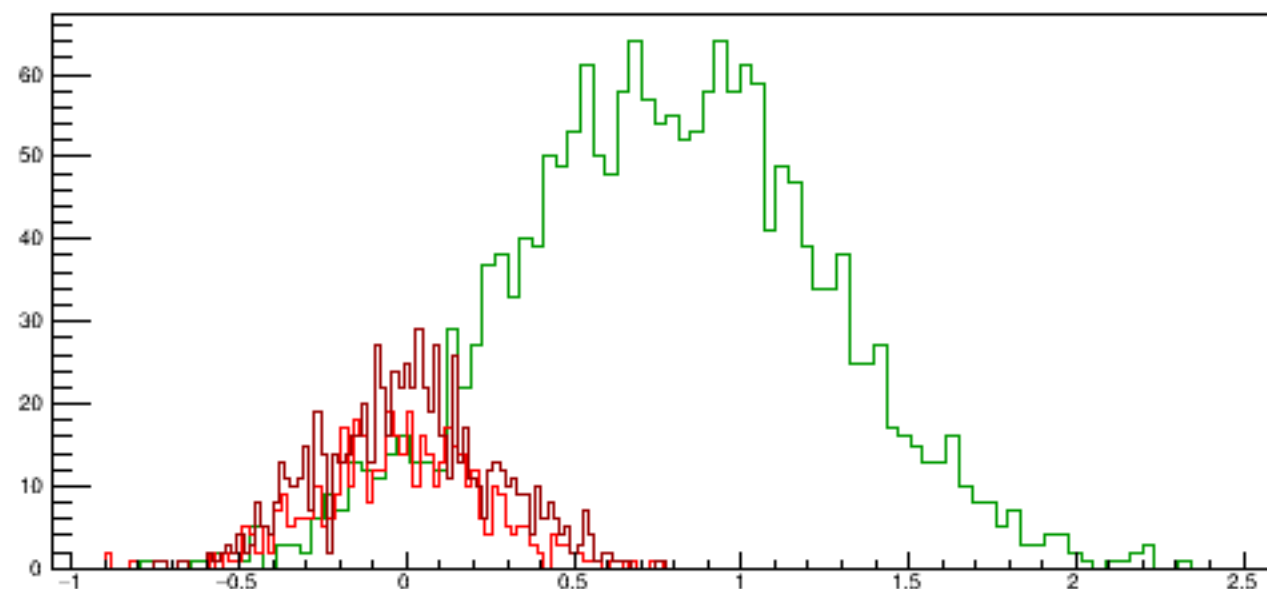
bcm:mpsCoda {mpsCoda>=316645 && mpsCoda<=345564}



Cycle 13, Diffs

Entries: 463	Entries: 1928	Entries: 766
Mean: -0.0130 +/- 0.0116	Mean: 0.7790 +/- 0.0108	Mean: 0.0041 +/- 0.0093
Std Dev: 0.2503 +/- 0.0082	Std Dev: 0.4726 +/- 0.0076	Std Dev: 0.2578 +/- 0.0066

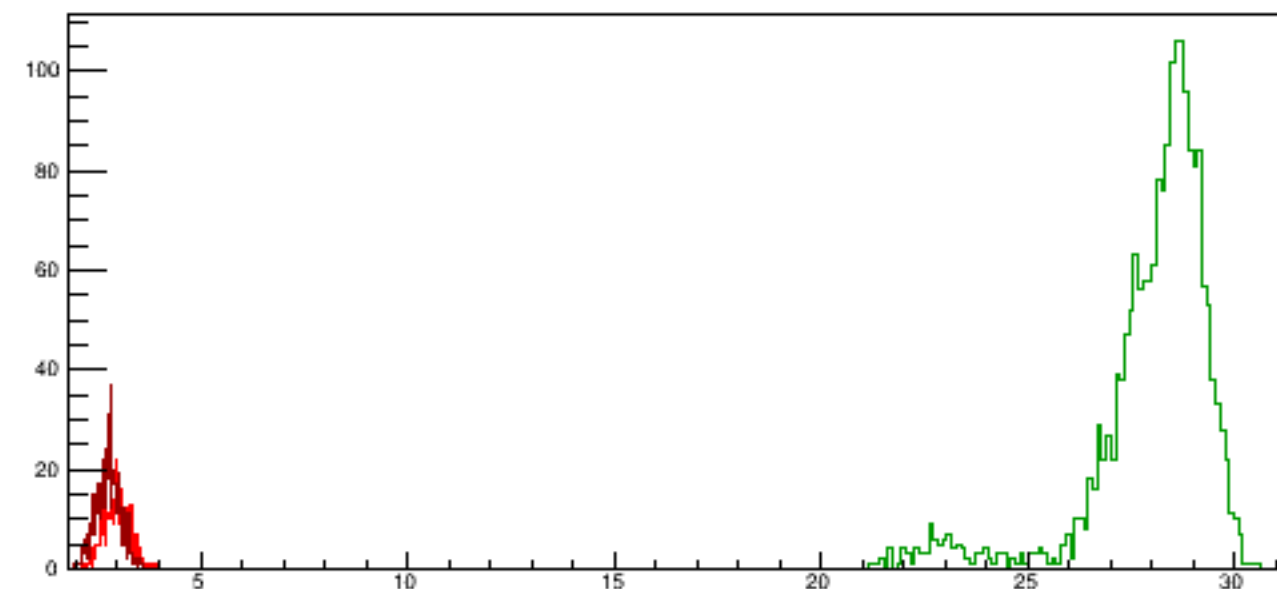
Run 5680 quartetwise, Diffs



Cycle 13, Sums

Entries: 463	Entries: 1928	Entries: 766
Mean: 2.9516 +/- 0.0145	Mean: 28.0205 +/- 0.0337	Mean: 2.7681 +/- 0.0105
Std Dev: 0.3113 +/- 0.0102	Std Dev: 1.4776 +/- 0.0238	Std Dev: 0.2900 +/- 0.0074

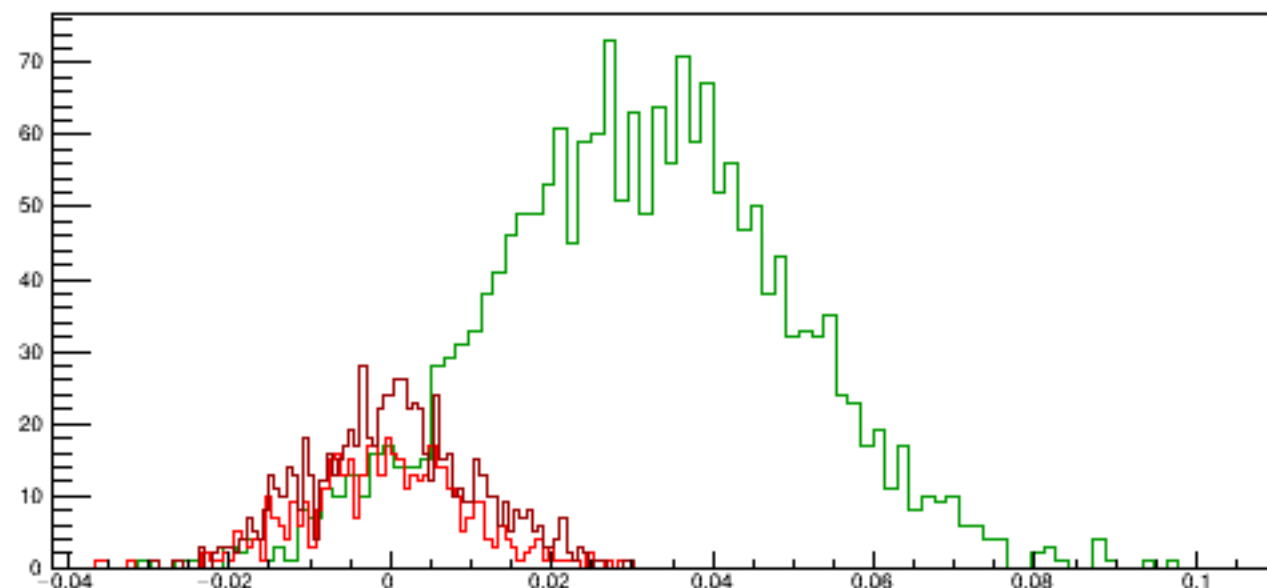
Run 5680 quartetwise, Sums



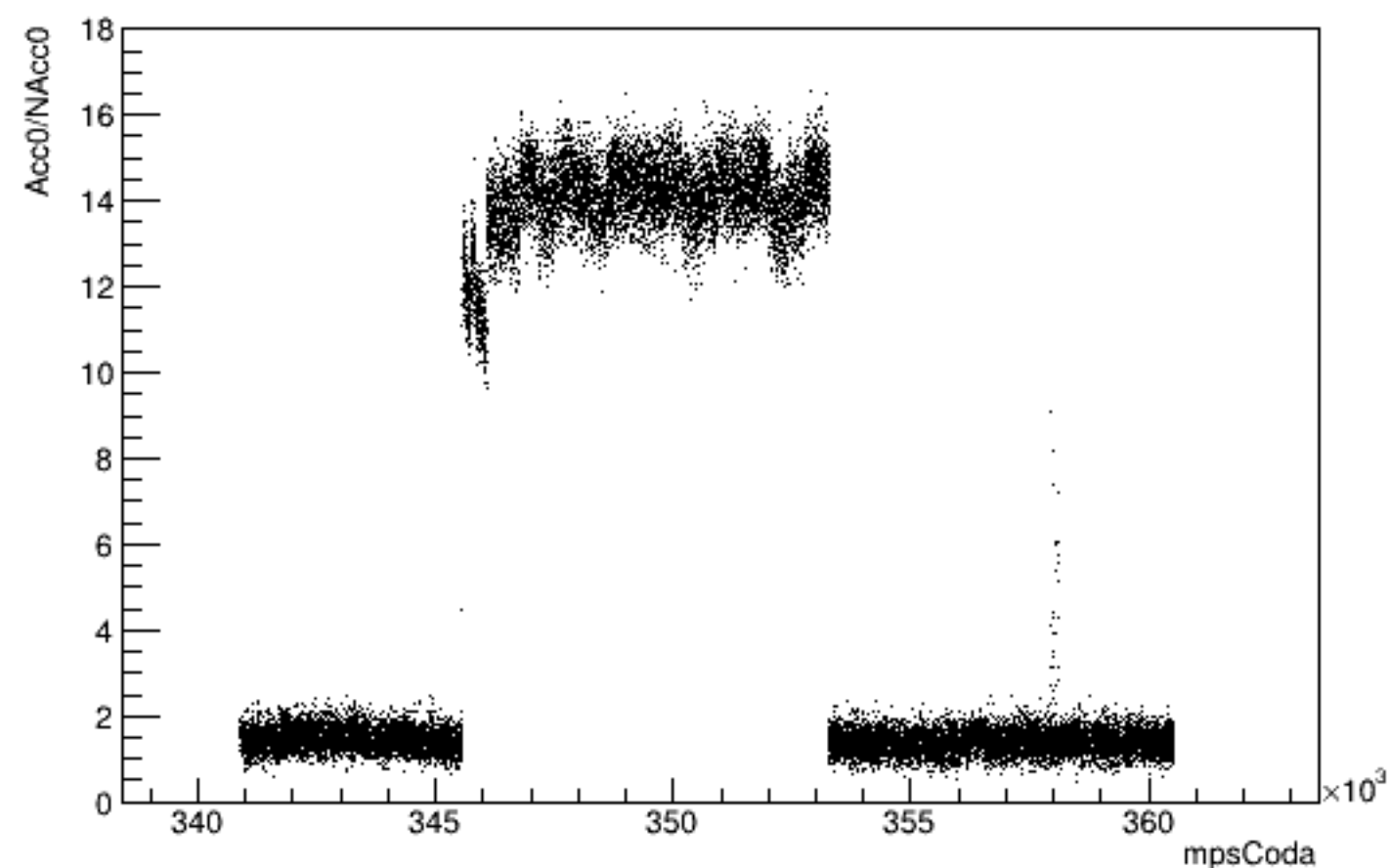
Cycle 13, Asyms

Entries: 463	Entries: 1928	Entries: 766
Mean: -0.0005 +/- 0.0005	Mean: 0.0310 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0099 +/- 0.0003	Std Dev: 0.0188 +/- 0.0003	Std Dev: 0.0102 +/- 0.0003

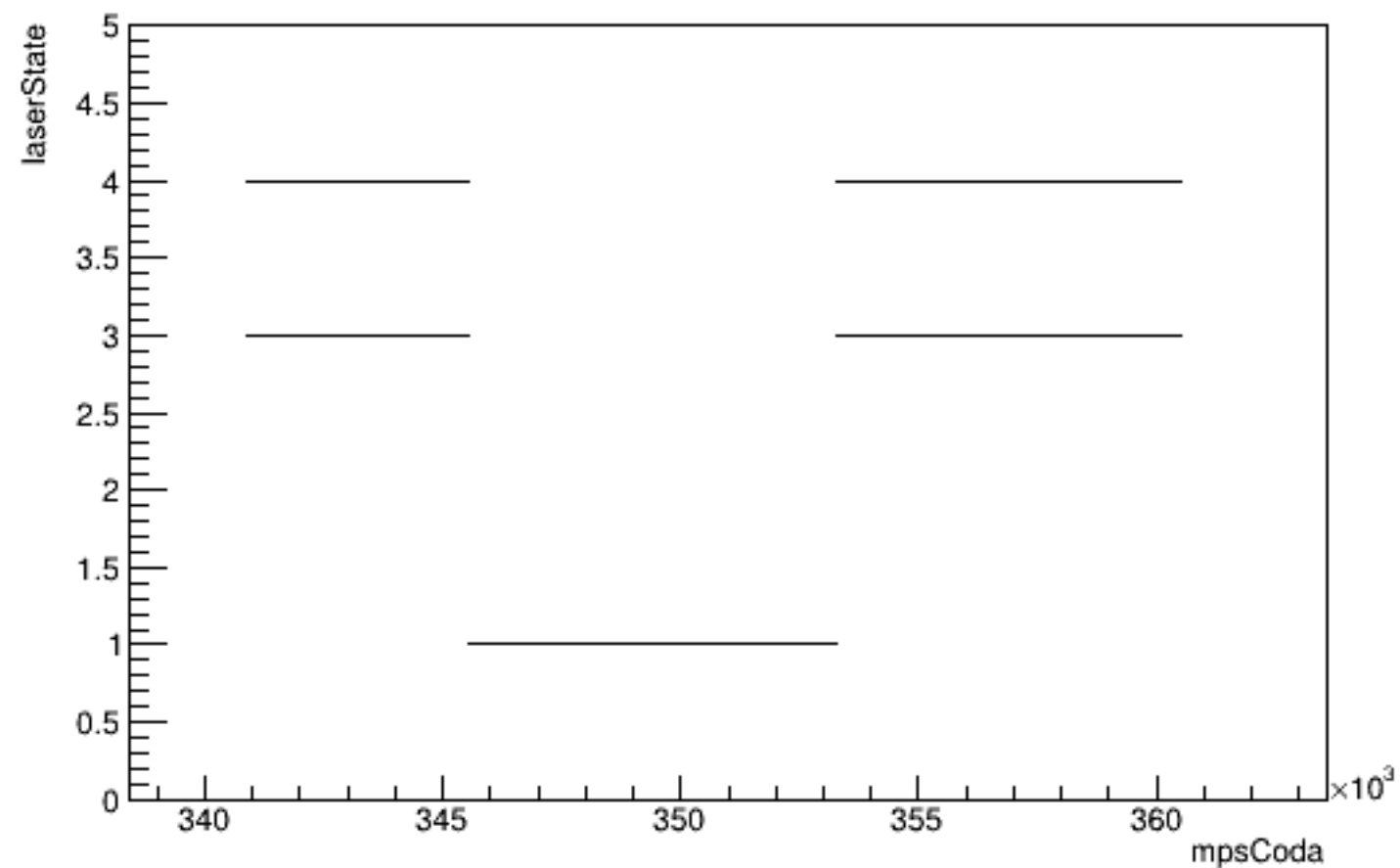
Run 5680 quartetwise, Asyms



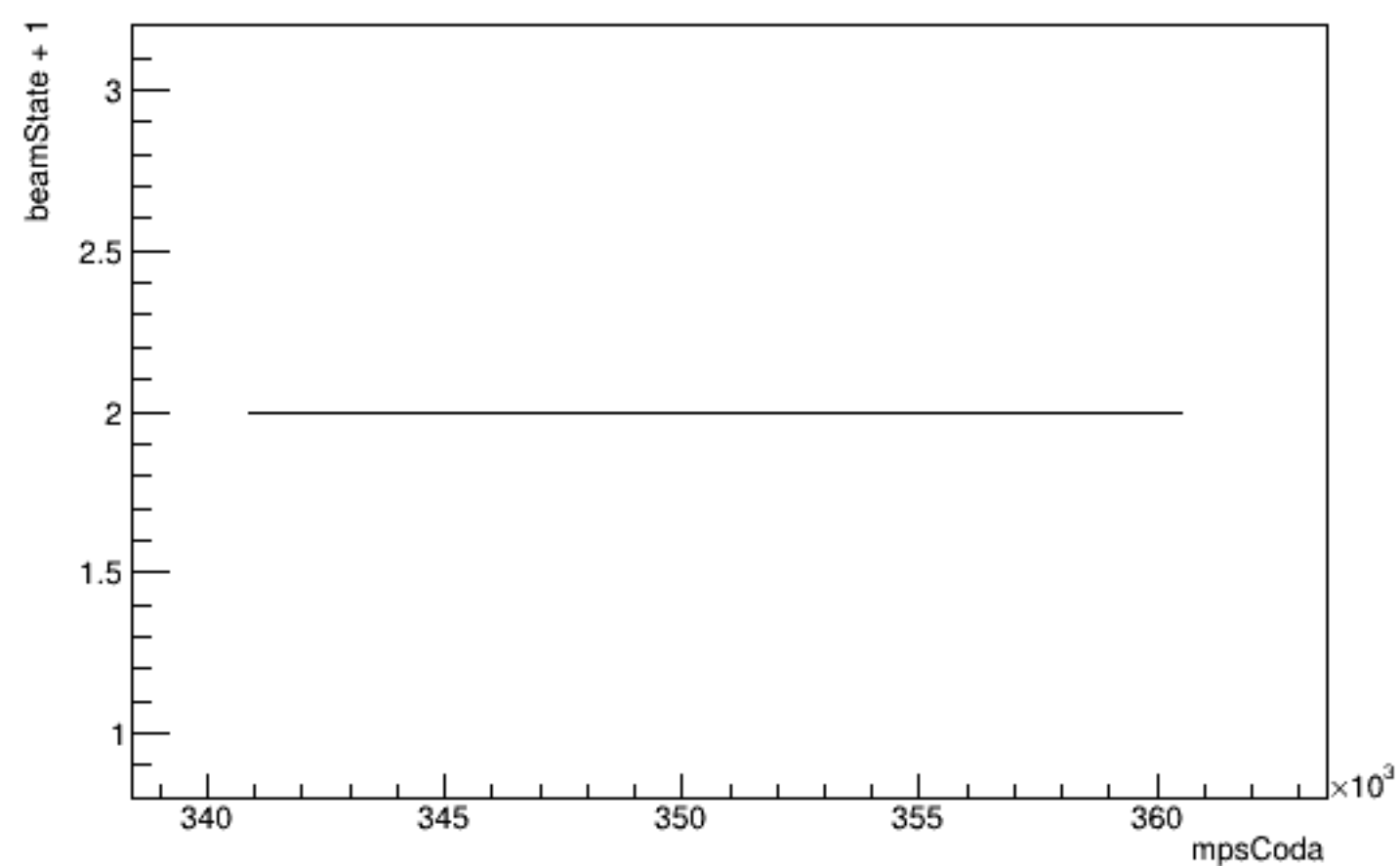
Acc0/NAcc0:mpsCoda (mpsCoda>=340889 && mpsCoda<=360544 && beamState==1)



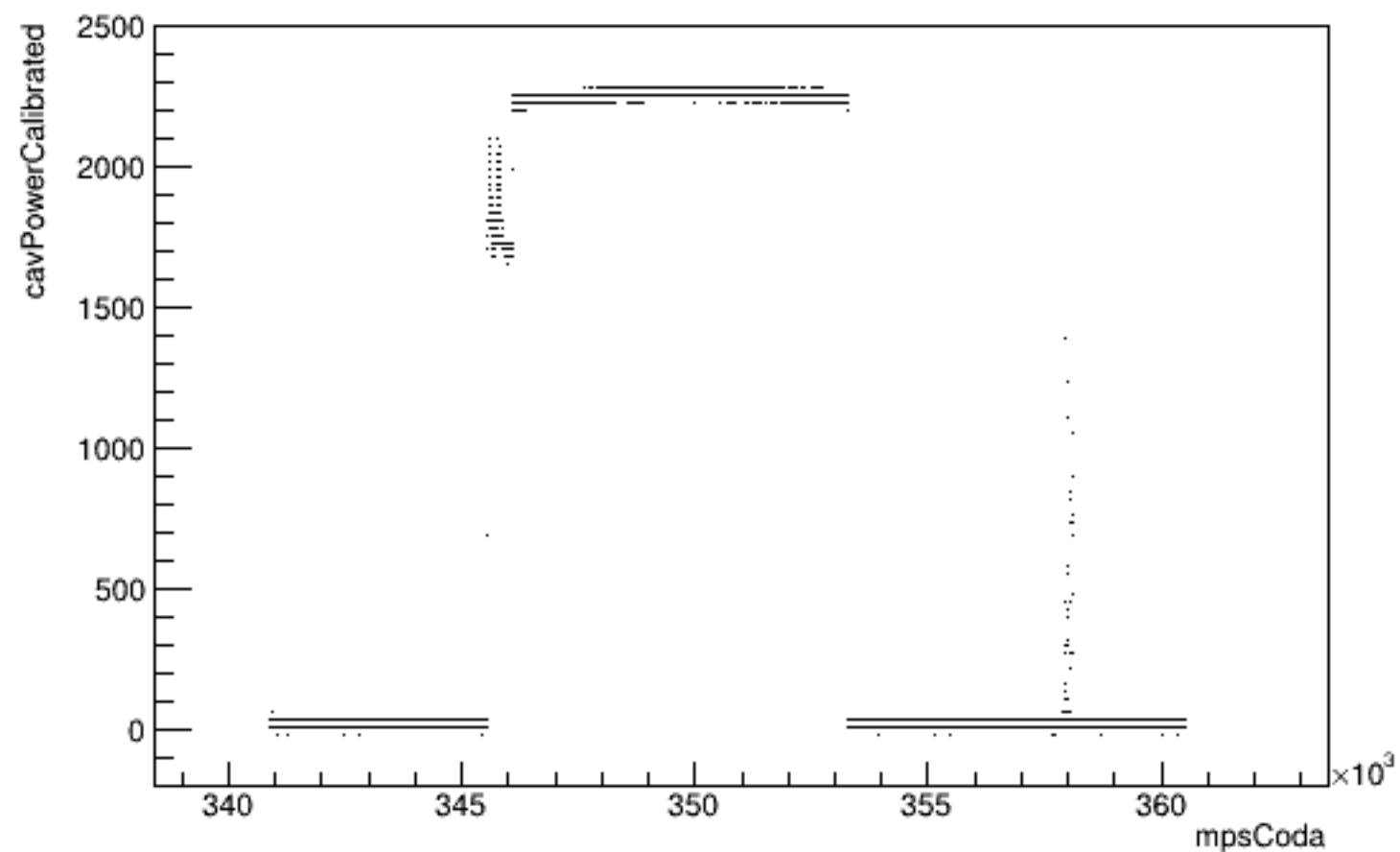
laserState:mpsCoda {mpsCoda>=340889 && mpsCoda<=360544}



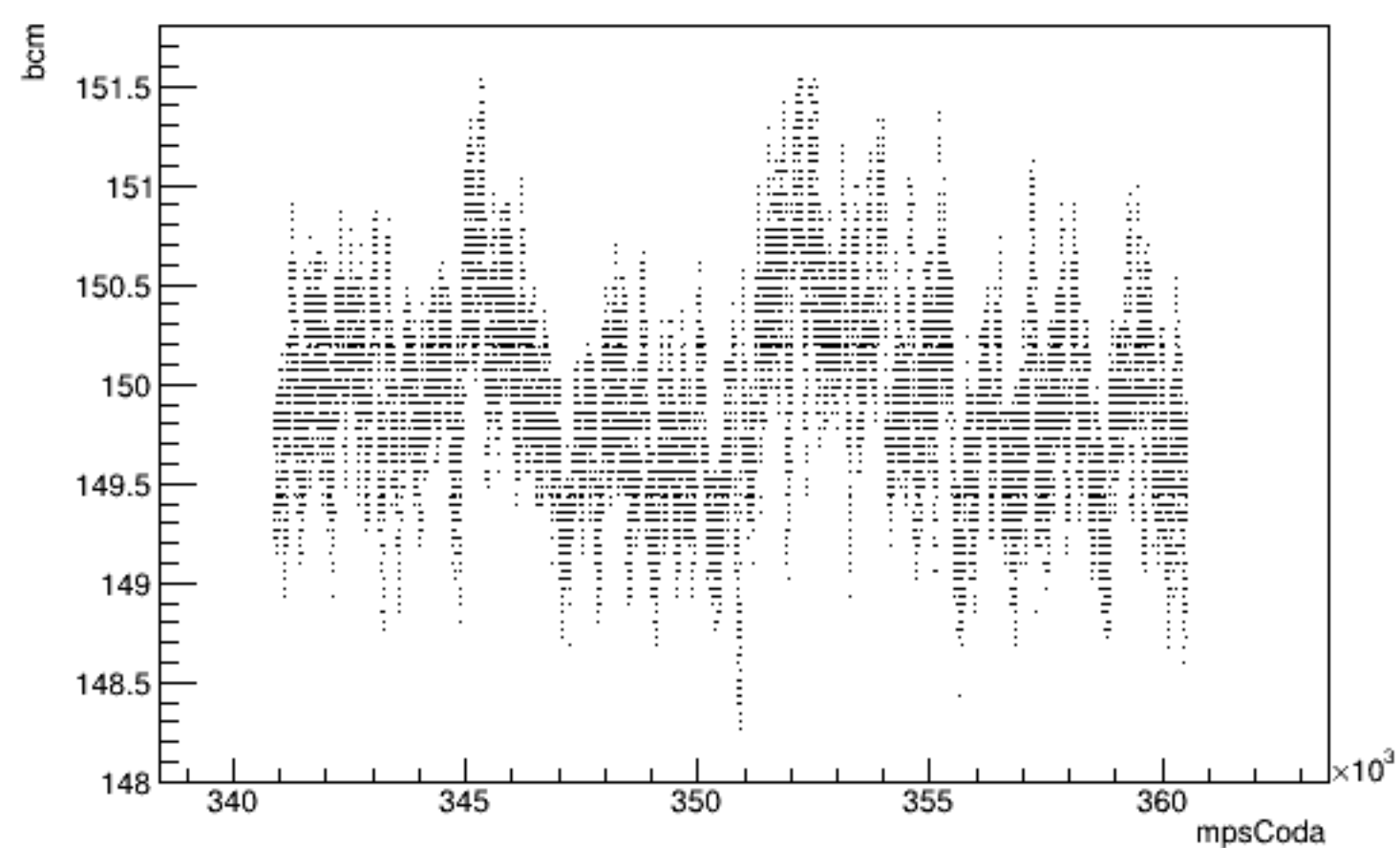
beamState + 1:mpsCoda {mpsCoda>=340889 && mpsCoda<=360544}



cavPowerCalibrated:mpsCoda {mpsCoda>=340889 && mpsCoda<=360544}



bcm:mpsCoda {mpsCoda>=340889 && mpsCoda<=360544}



Cycle 14, Diffs

Entries: 766

Mean: 0.0041 +/- 0.0093

Std Dev: 0.2578 +/- 0.0066

Entries: 1880

Mean: 0.8022 +/- 0.0107

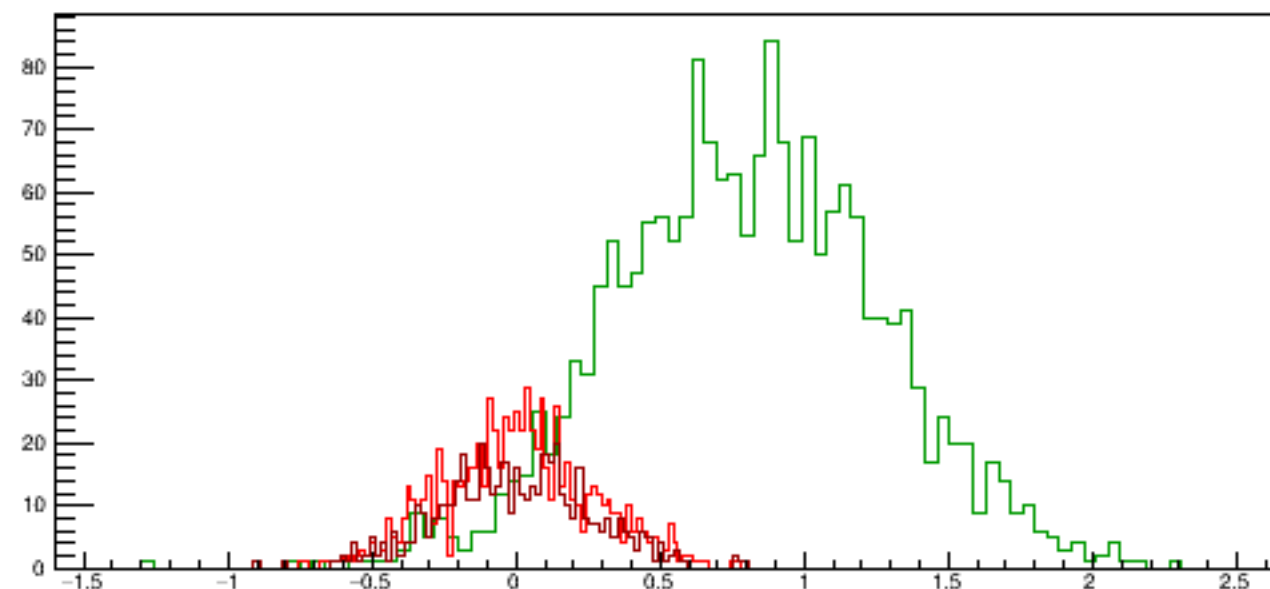
Std Dev: 0.4659 +/- 0.0076

Entries: 500

Mean: -0.0026 +/- 0.0119

Std Dev: 0.2651 +/- 0.0084

Run 5680 quartetwise, Diffs



Cycle 14, Sums

Entries: 766

Mean: 2.7681 +/- 0.0105

Std Dev: 0.2900 +/- 0.0074

Entries: 1880

Mean: 28.5077 +/- 0.0277

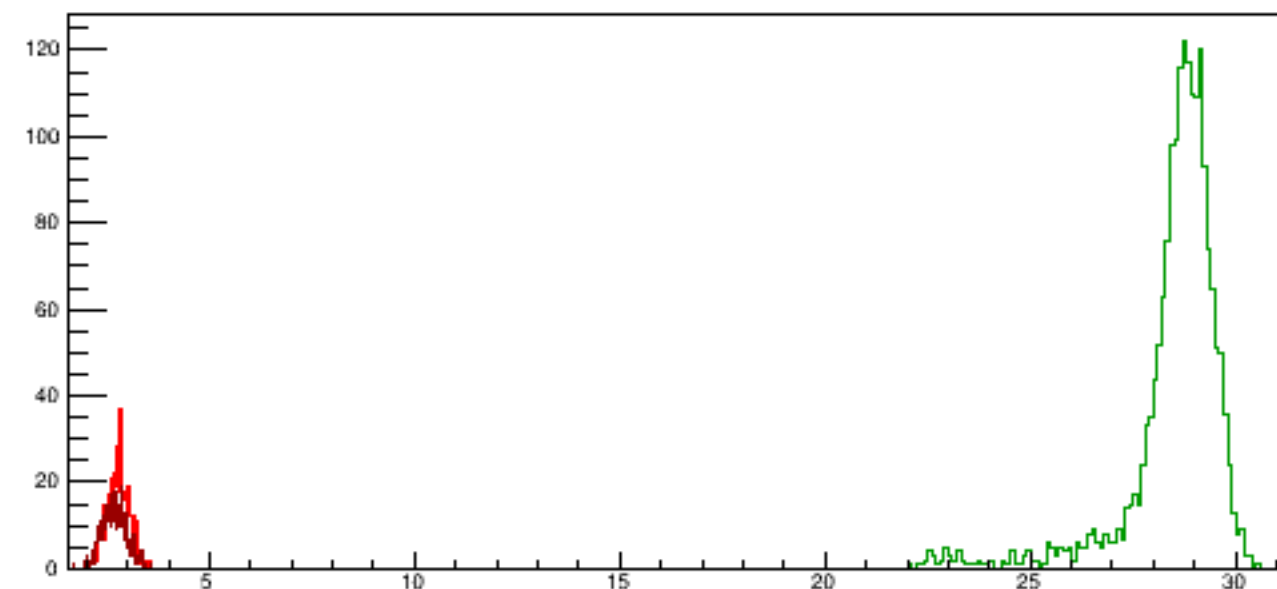
Std Dev: 1.2011 +/- 0.0196

Entries: 500

Mean: 2.6929 +/- 0.0133

Std Dev: 0.2970 +/- 0.0094

Run 5680 quartetwise, Sums



Cycle 14, Asyms

Entries: 766

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0100 +/- 0.0003

Entries: 1880

Mean: 0.0311 +/- 0.0004

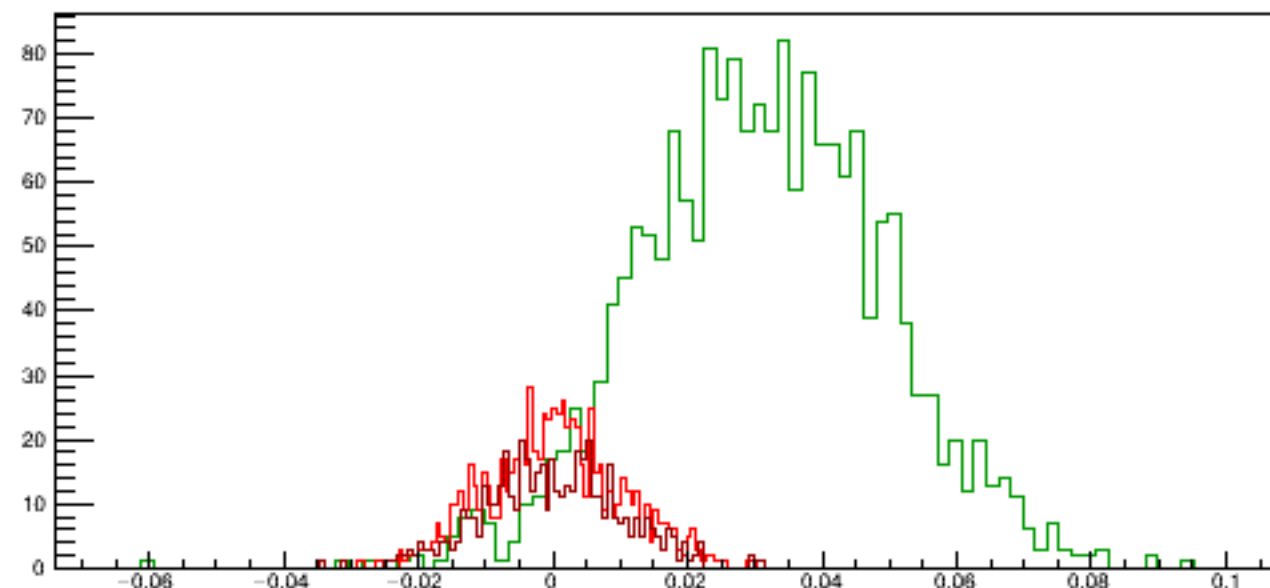
Std Dev: 0.0181 +/- 0.0003

Entries: 500

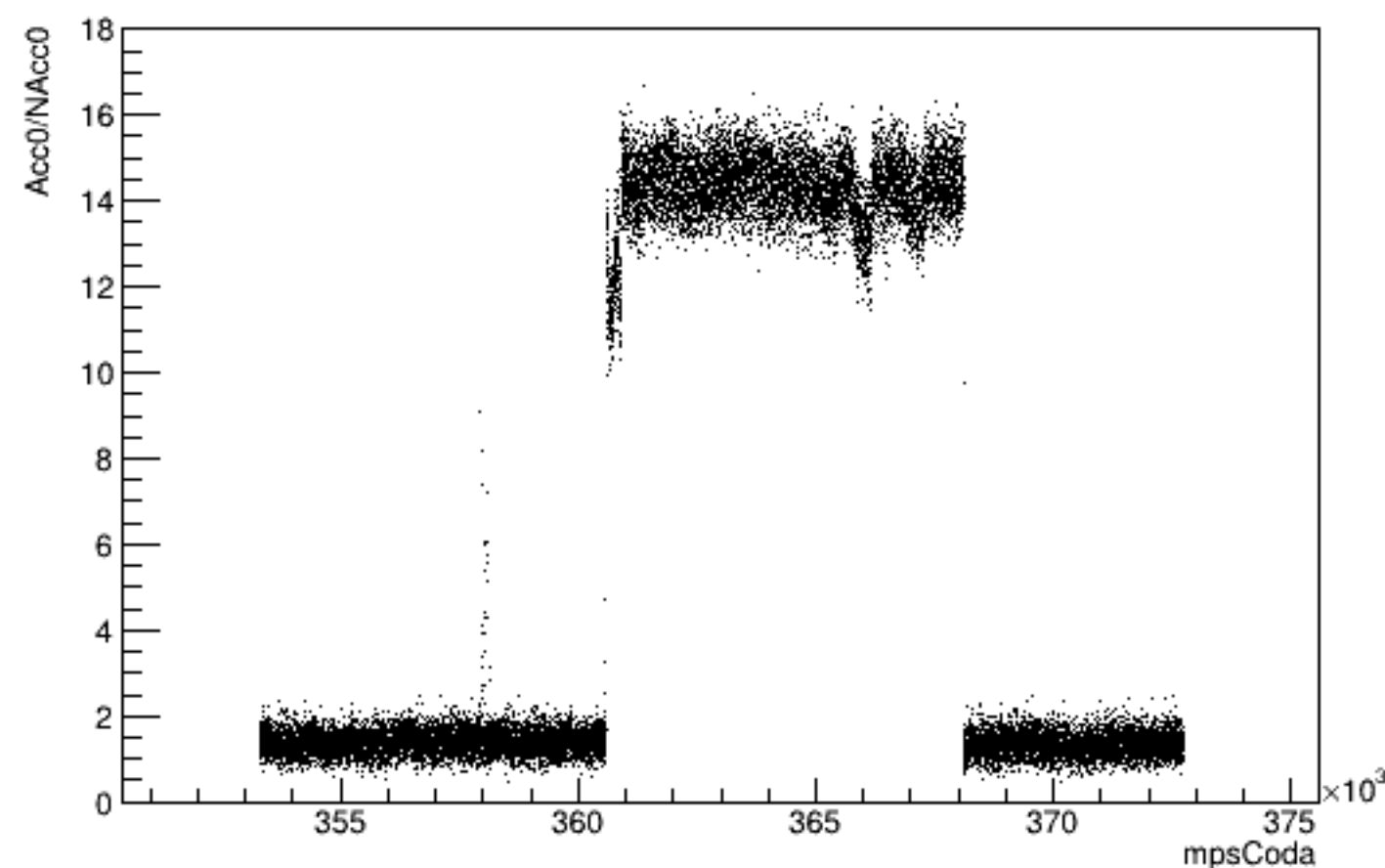
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0103 +/- 0.0003

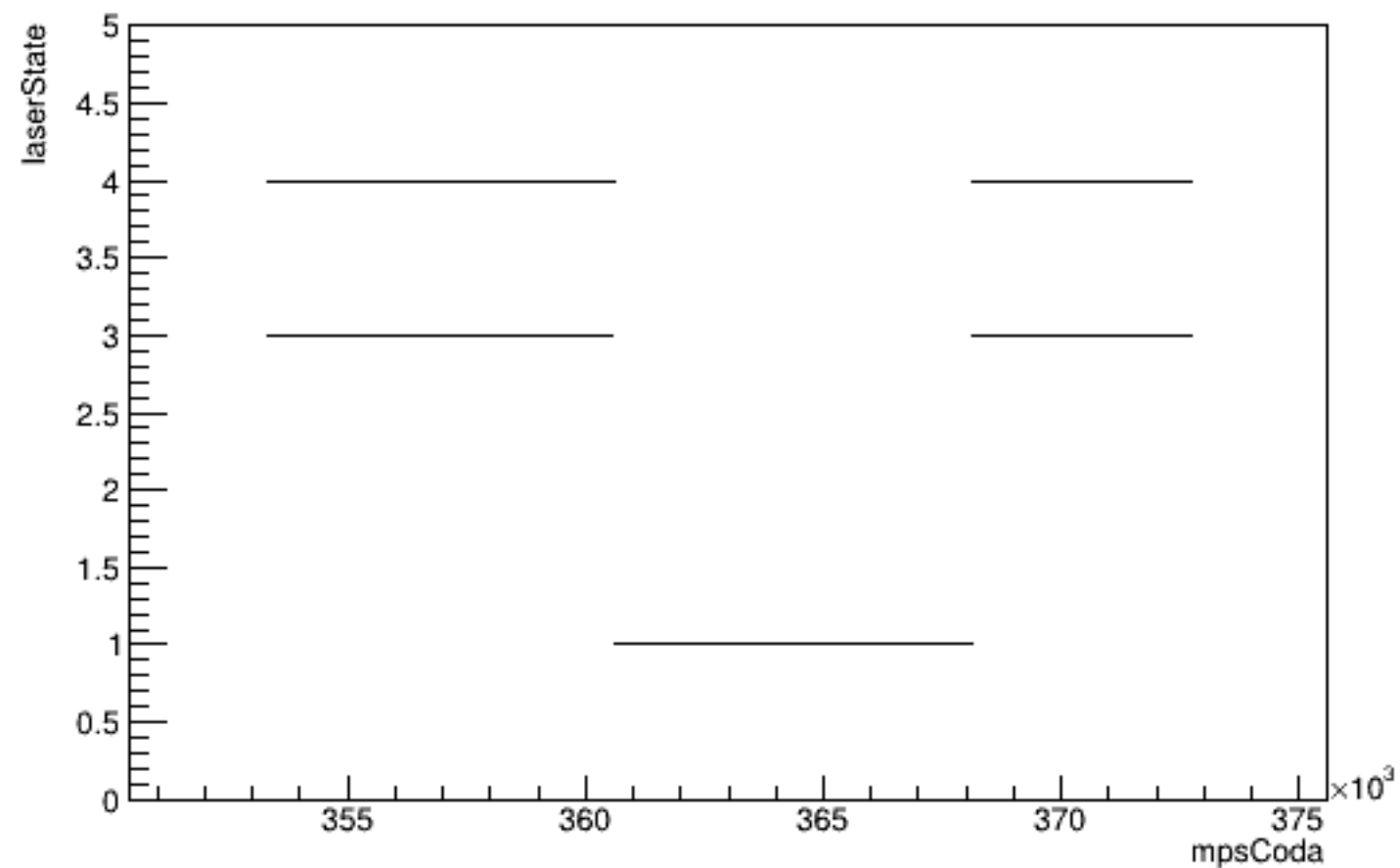
Run 5680 quartetwise, Asyms



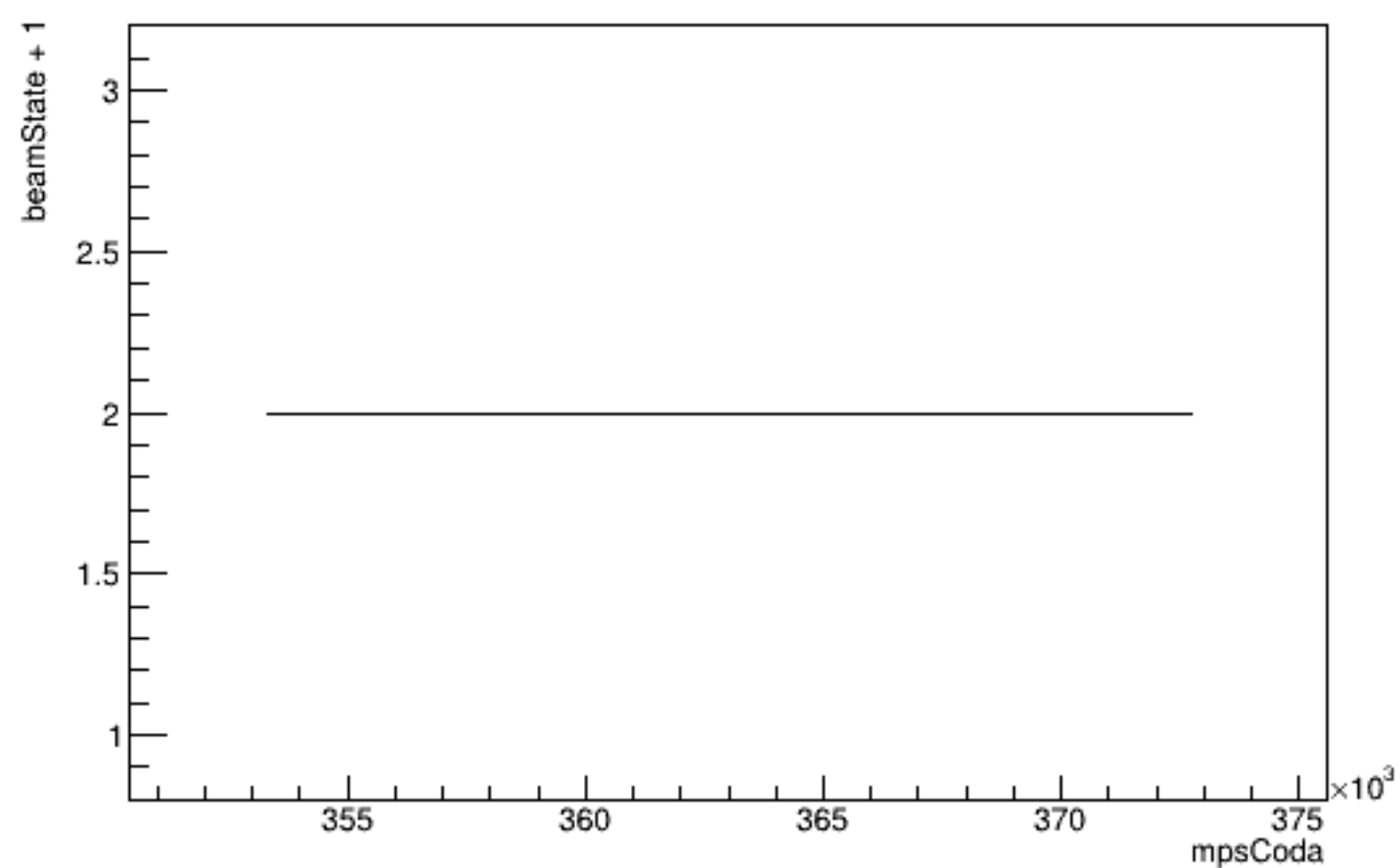
Acc0/NAcc0:mpsCoda (mpsCoda>=353309 && mpsCoda<=372736 && beamState==1)



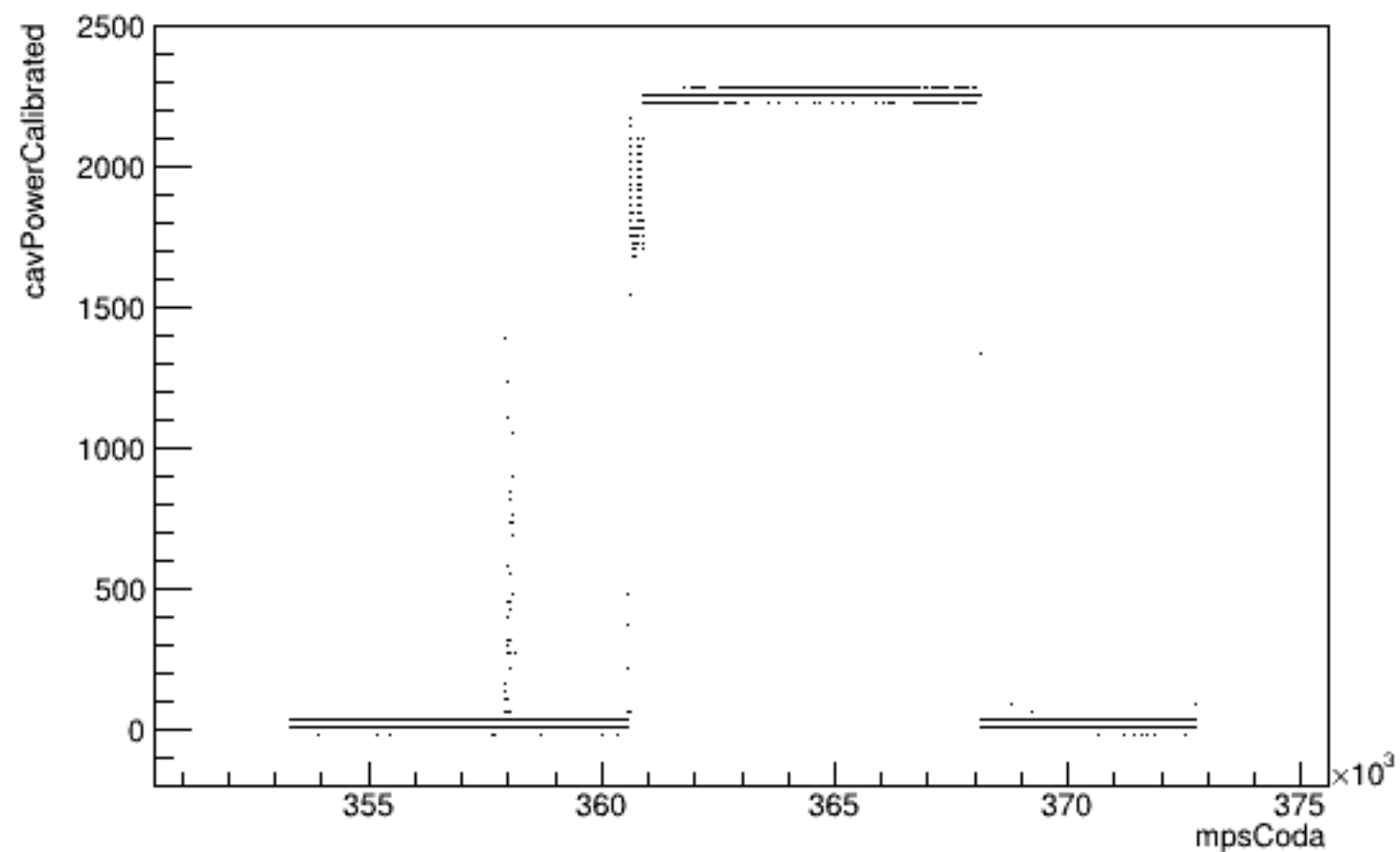
laserState:mpsCoda {mpsCoda>=353309 && mpsCoda<=372736}



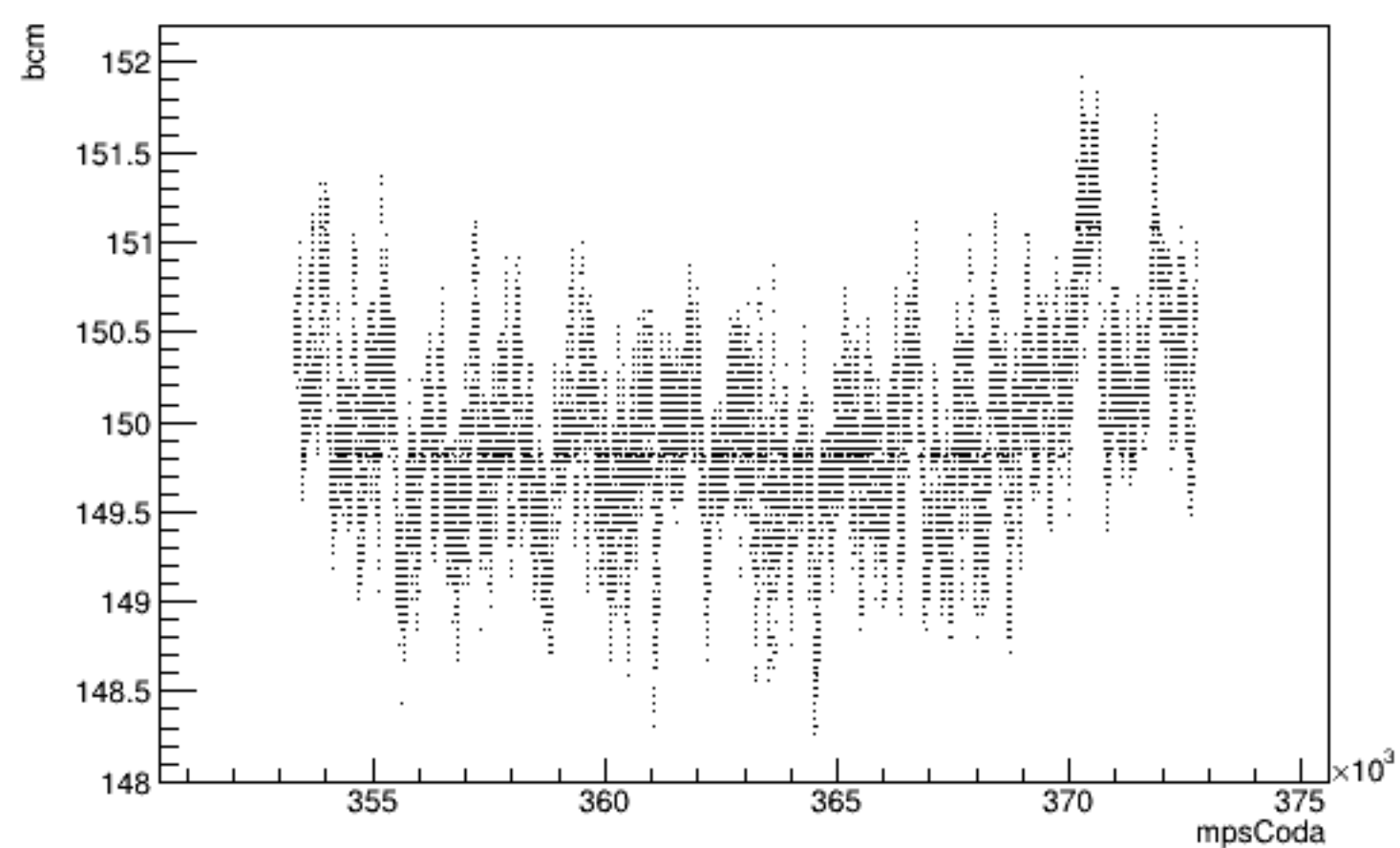
beamState + 1:mpsCoda {mpsCoda>=353309 && mpsCoda<=372736}



cavPowerCalibrated:mpsCoda {mpsCoda>=353309 && mpsCoda<=372736}



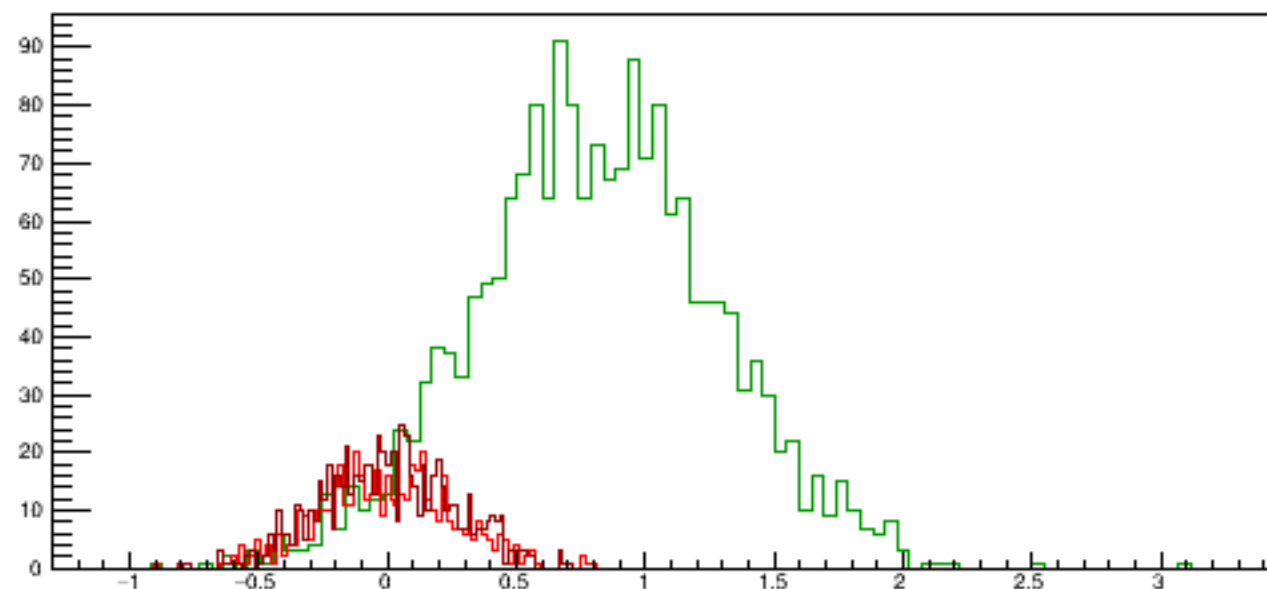
bcm:mpsCoda {mpsCoda>=353309 && mpsCoda<=372736}



Cycle 15, Diffs

Entries: 500	Entries: 1919	Entries: 680
Mean: -0.0026 +/- 0.0119	Mean: 0.8070 +/- 0.0108	Mean: 0.0044 +/- 0.0098
Std Dev: 0.2651 +/- 0.0084	Std Dev: 0.4742 +/- 0.0077	Std Dev: 0.2565 +/- 0.0070

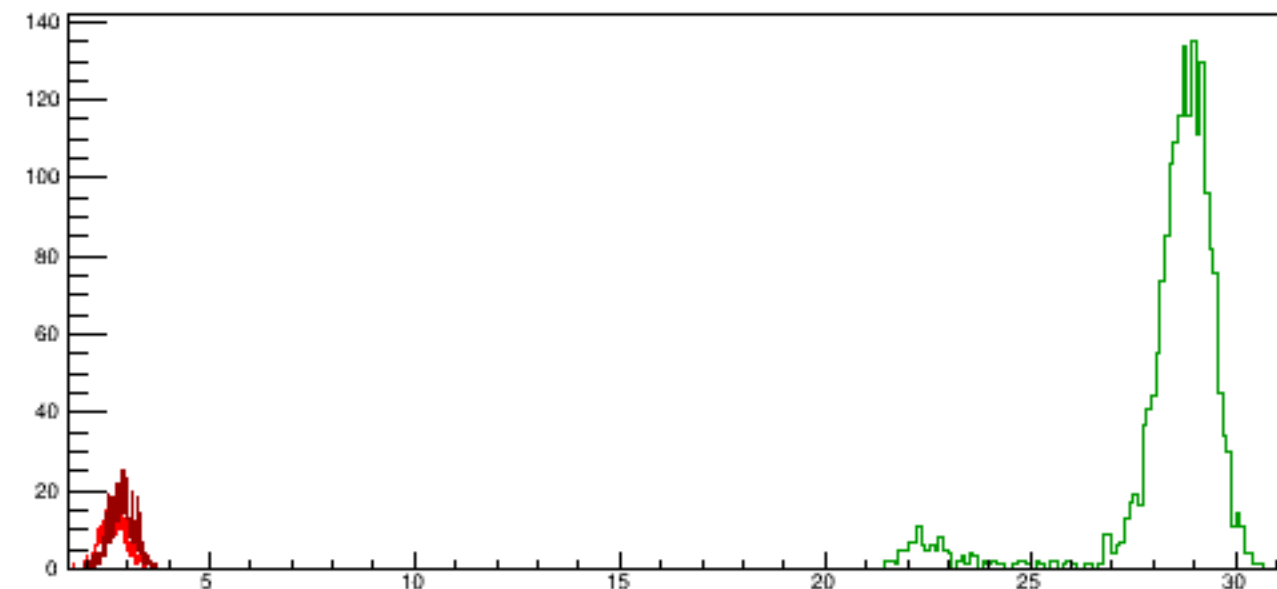
Run 5680 quartetwise, Diffs



Cycle 15, Sums

Entries: 500	Entries: 1919	Entries: 680
Mean: 2.6929 +/- 0.0133	Mean: 28.4232 +/- 0.0348	Mean: 2.8772 +/- 0.0115
Std Dev: 0.2970 +/- 0.0094	Std Dev: 1.5260 +/- 0.0246	Std Dev: 0.2991 +/- 0.0081

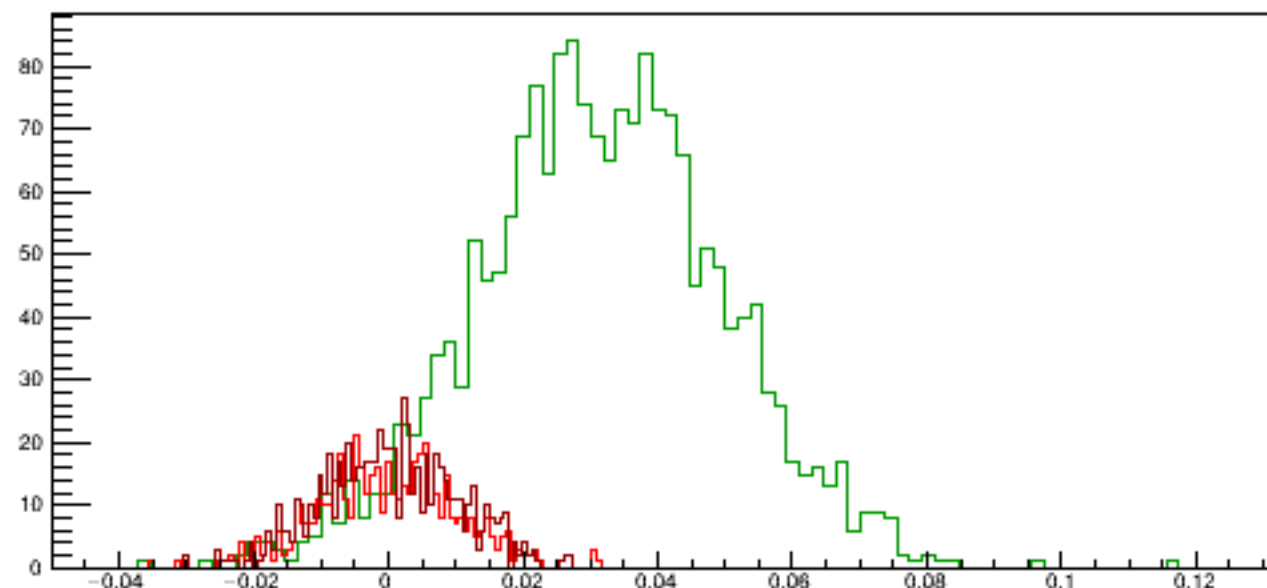
Run 5680 quartetwise, Sums



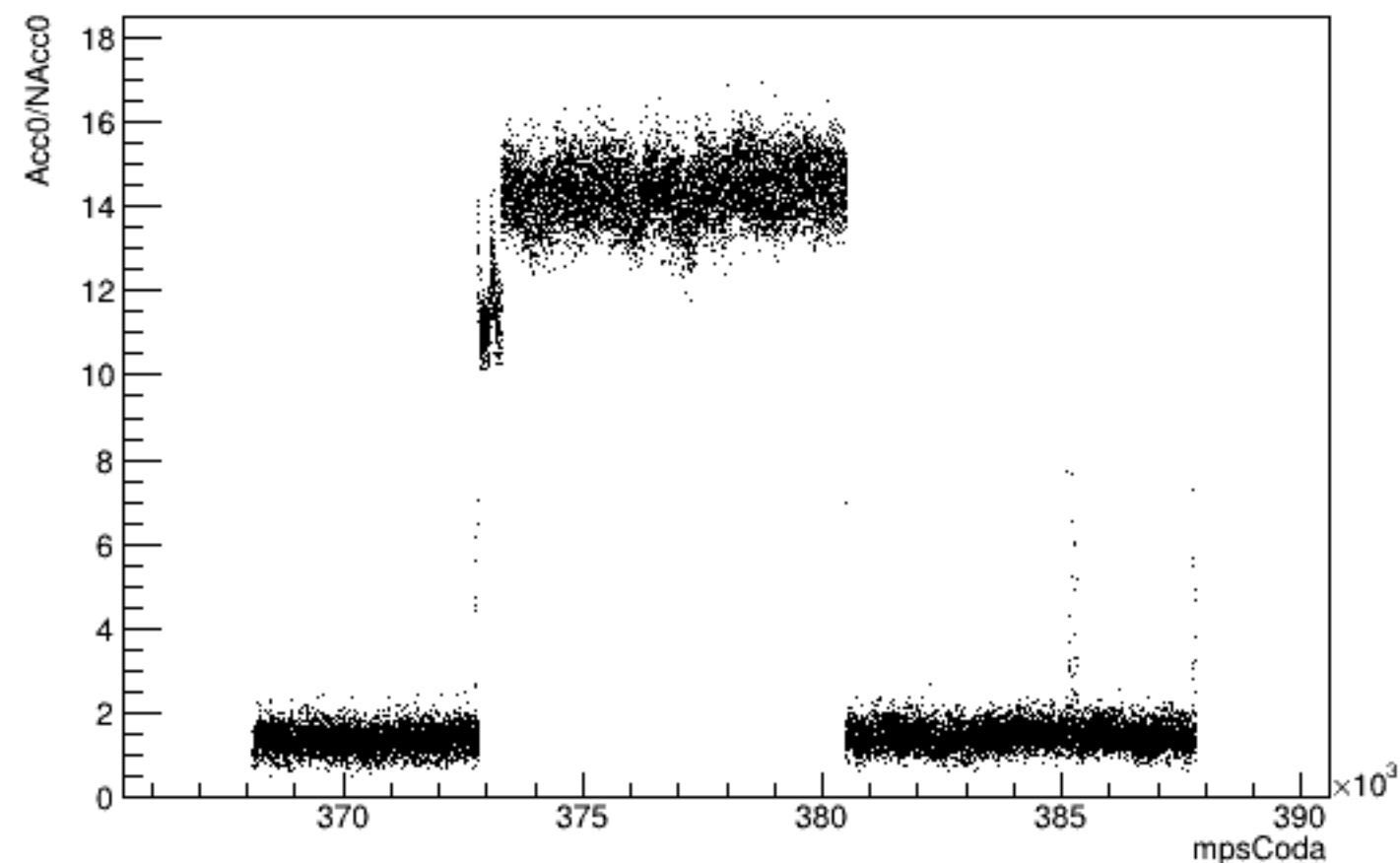
Cycle 15, Asyms

Entries: 500	Entries: 1919	Entries: 680
Mean: -0.0001 +/- 0.0005	Mean: 0.0314 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0103 +/- 0.0003	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0100 +/- 0.0003

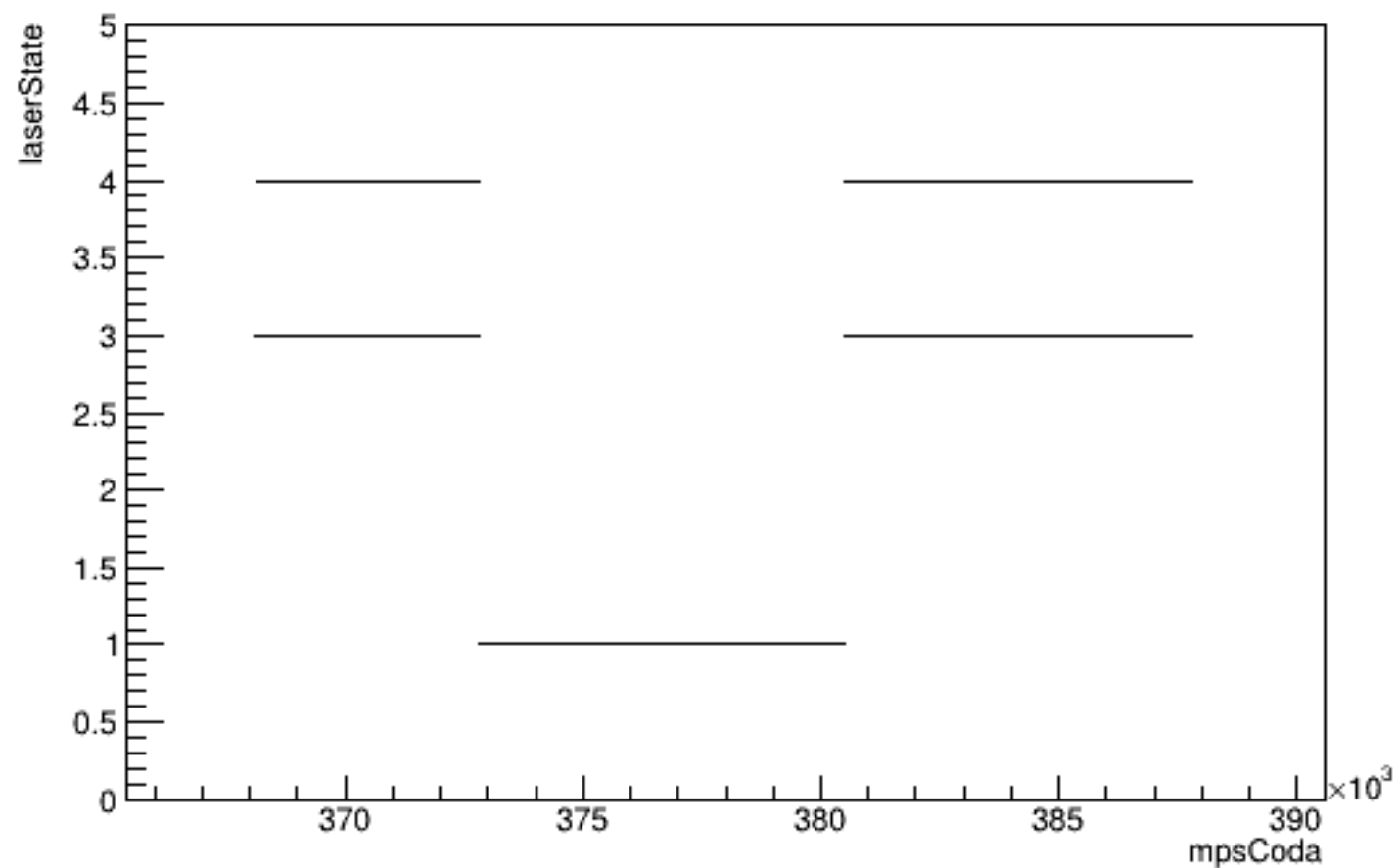
Run 5680 quartetwise, Asyms



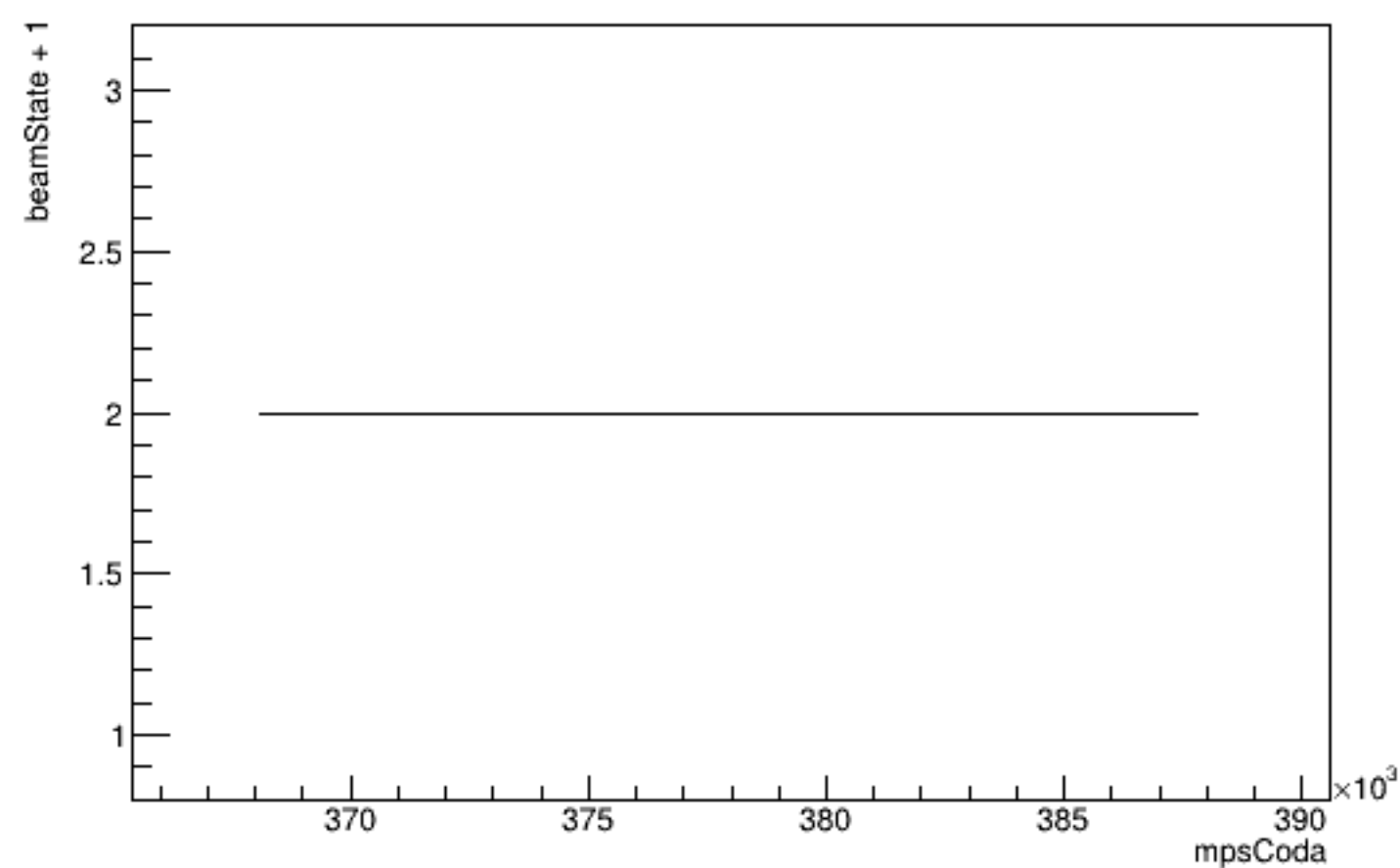
Acc0/NAcc0:mpsCoda (mpsCoda>=368117 && mpsCoda<=387800 && beamState==1)



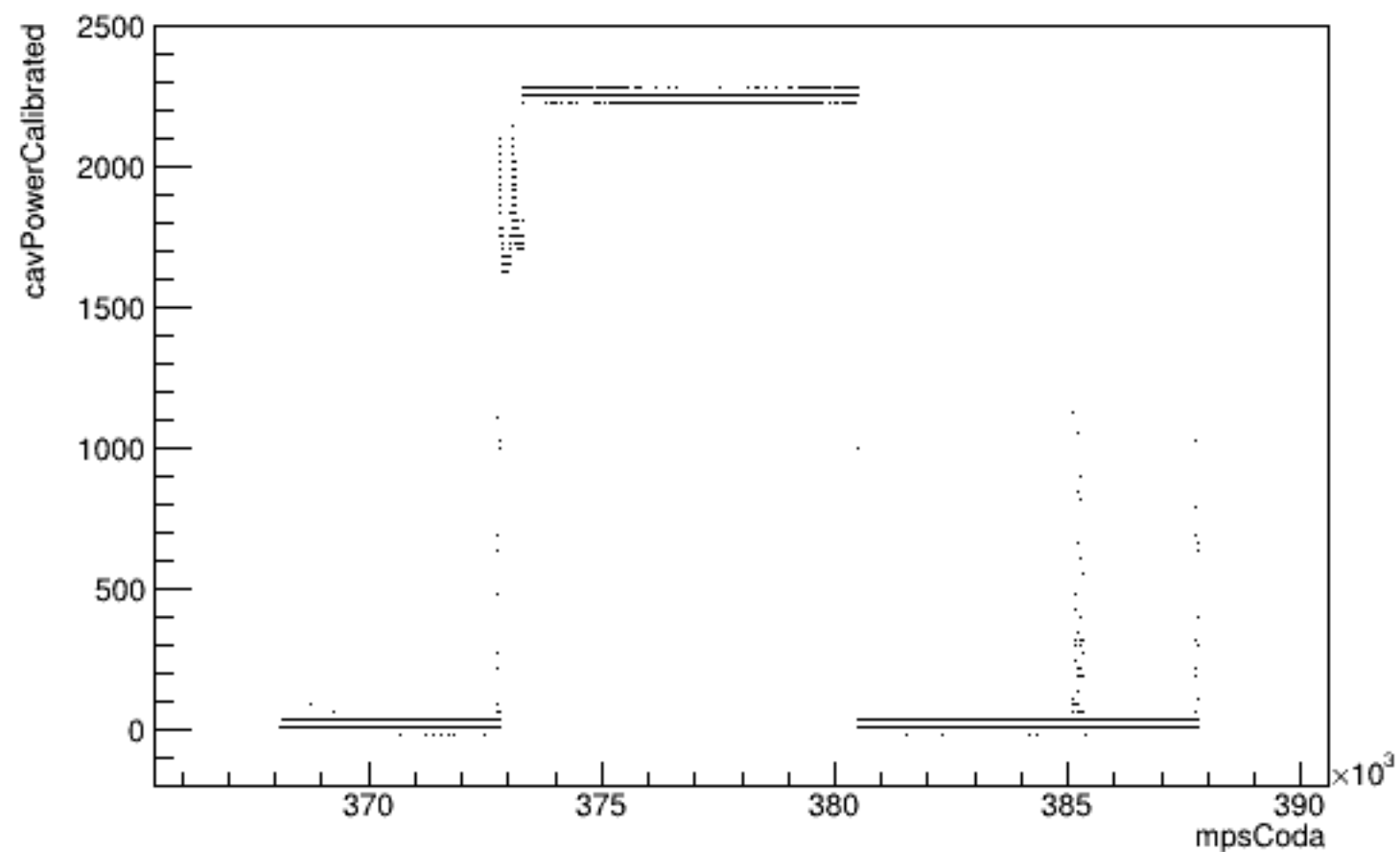
laserState:mpsCoda {mpsCoda>=368117 && mpsCoda<=387800}



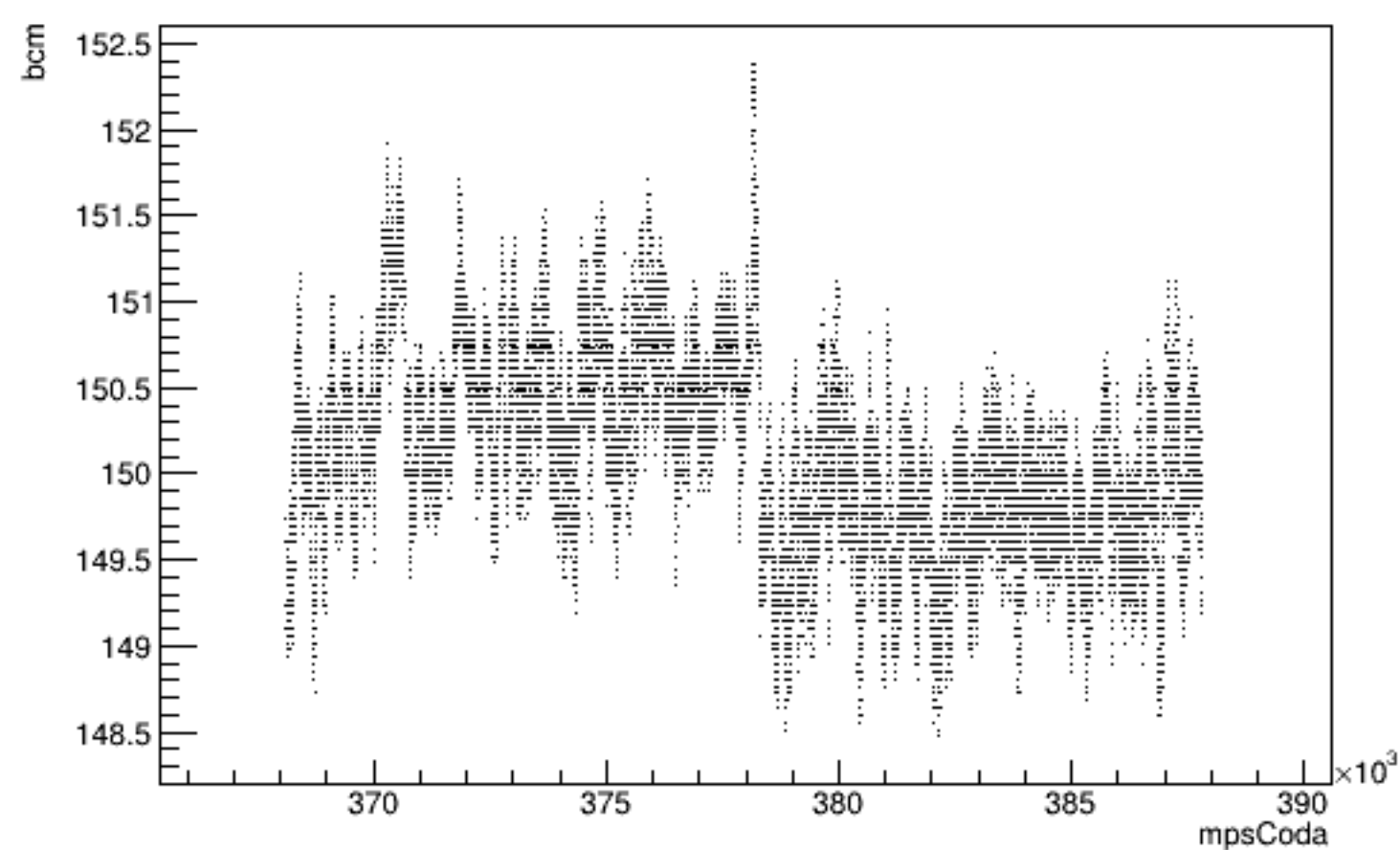
beamState + 1:mpsCoda {mpsCoda>=368117 && mpsCoda<=387800}



cavPowerCalibrated:mpsCoda {mpsCoda>=368117 && mpsCoda<=387800}



bcm:mpsCoda {mpsCoda>=368117 && mpsCoda<=387800}



Cycle 16, Diffs

Entries: 1711

Mean: 0.0047 +/- 0.0064

Std Dev: 0.2647 +/- 0.0045

Entries: 1875

Mean: 0.8221 +/- 0.0109

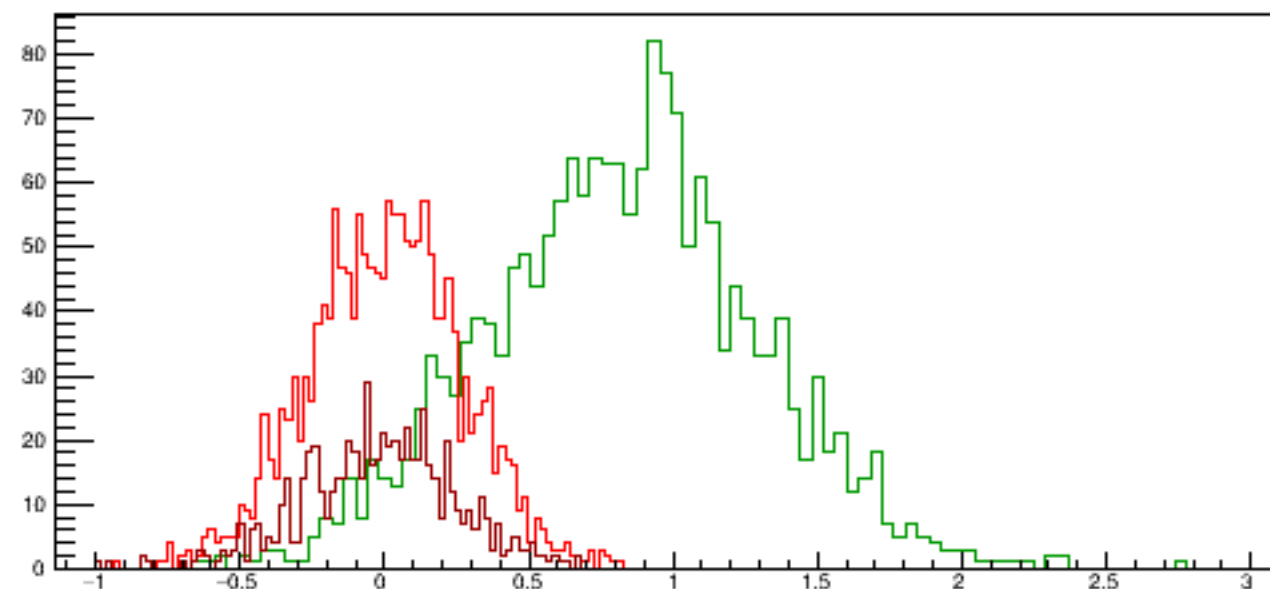
Std Dev: 0.4726 +/- 0.0077

Entries: 630

Mean: -0.0178 +/- 0.0105

Std Dev: 0.2630 +/- 0.0074

Run 5680 quartetwise, Diffs



Cycle 16, Sums

Entries: 1711

Mean: 3.0616 +/- 0.0076

Std Dev: 0.3128 +/- 0.0053

Entries: 1875

Mean: 29.0743 +/- 0.0249

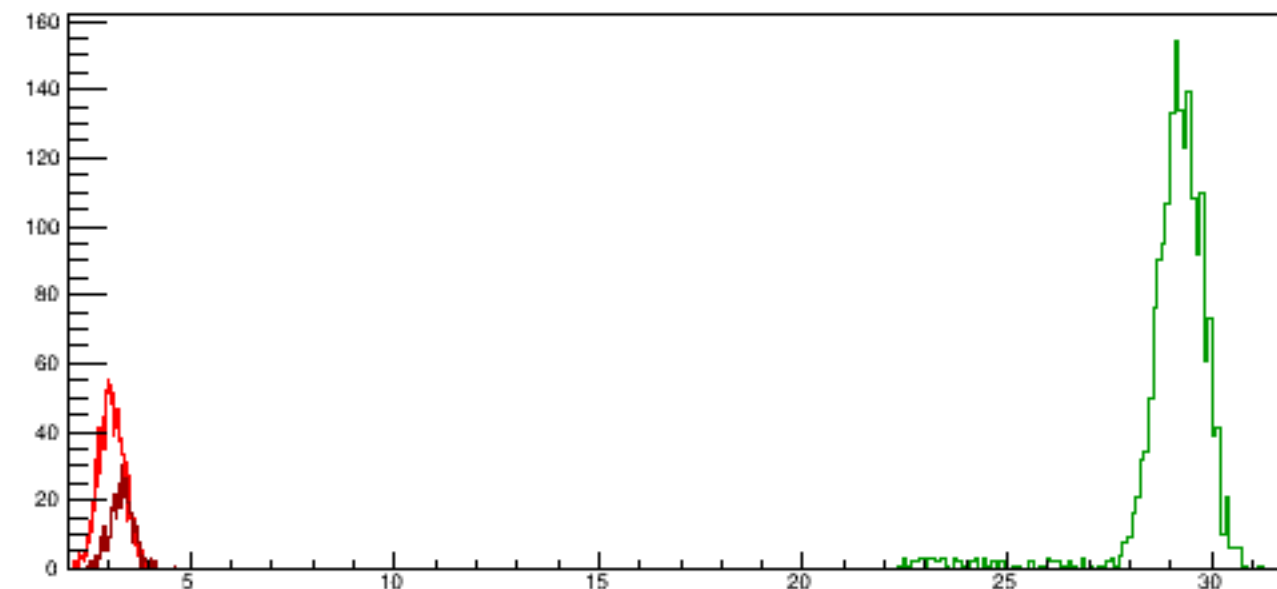
Std Dev: 1.0781 +/- 0.0176

Entries: 630

Mean: 3.3127 +/- 0.0118

Std Dev: 0.2960 +/- 0.0083

Run 5680 quartetwise, Sums



Cycle 16, Asyms

Entries: 1711

Mean: 0.0002 +/- 0.0002

Std Dev: 0.0102 +/- 0.0002

Entries: 1875

Mean: 0.0318 +/- 0.0004

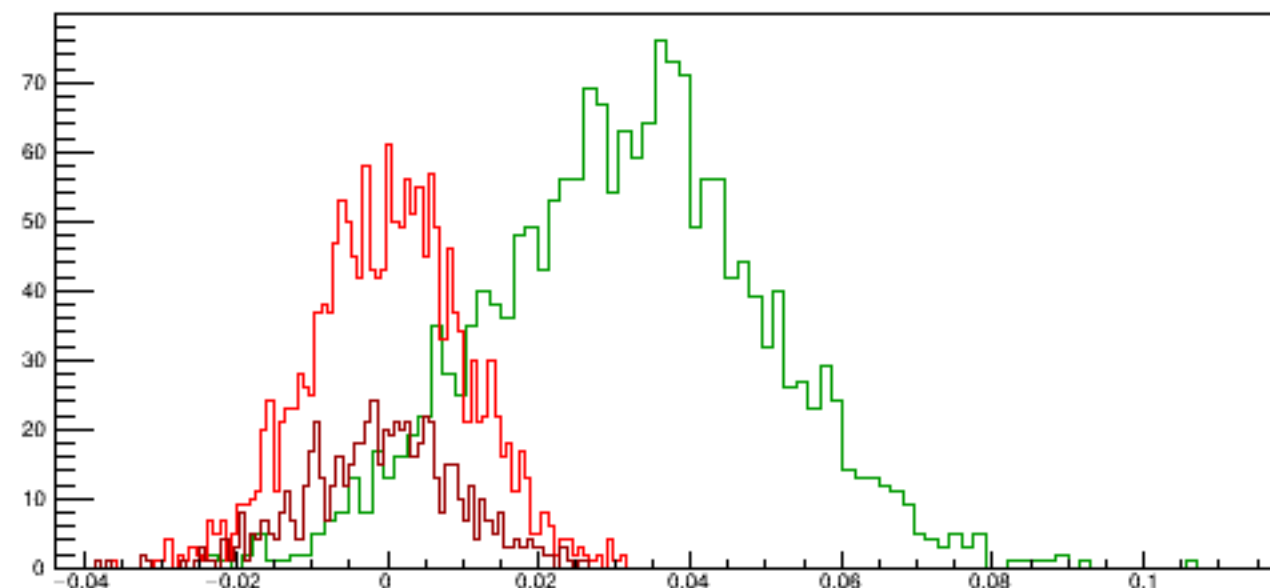
Std Dev: 0.0183 +/- 0.0003

Entries: 630

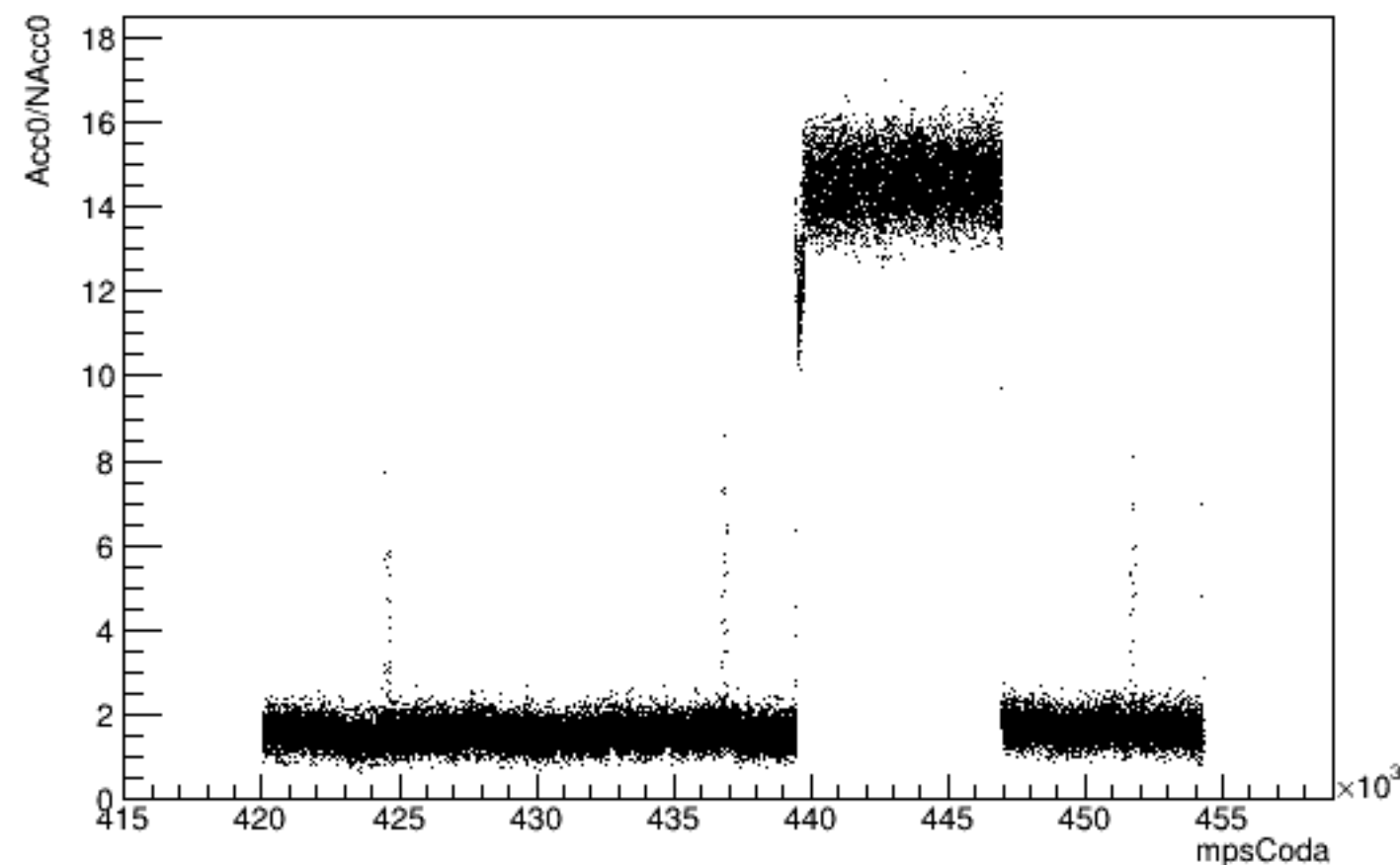
Mean: -0.0007 +/- 0.0004

Std Dev: 0.0102 +/- 0.0003

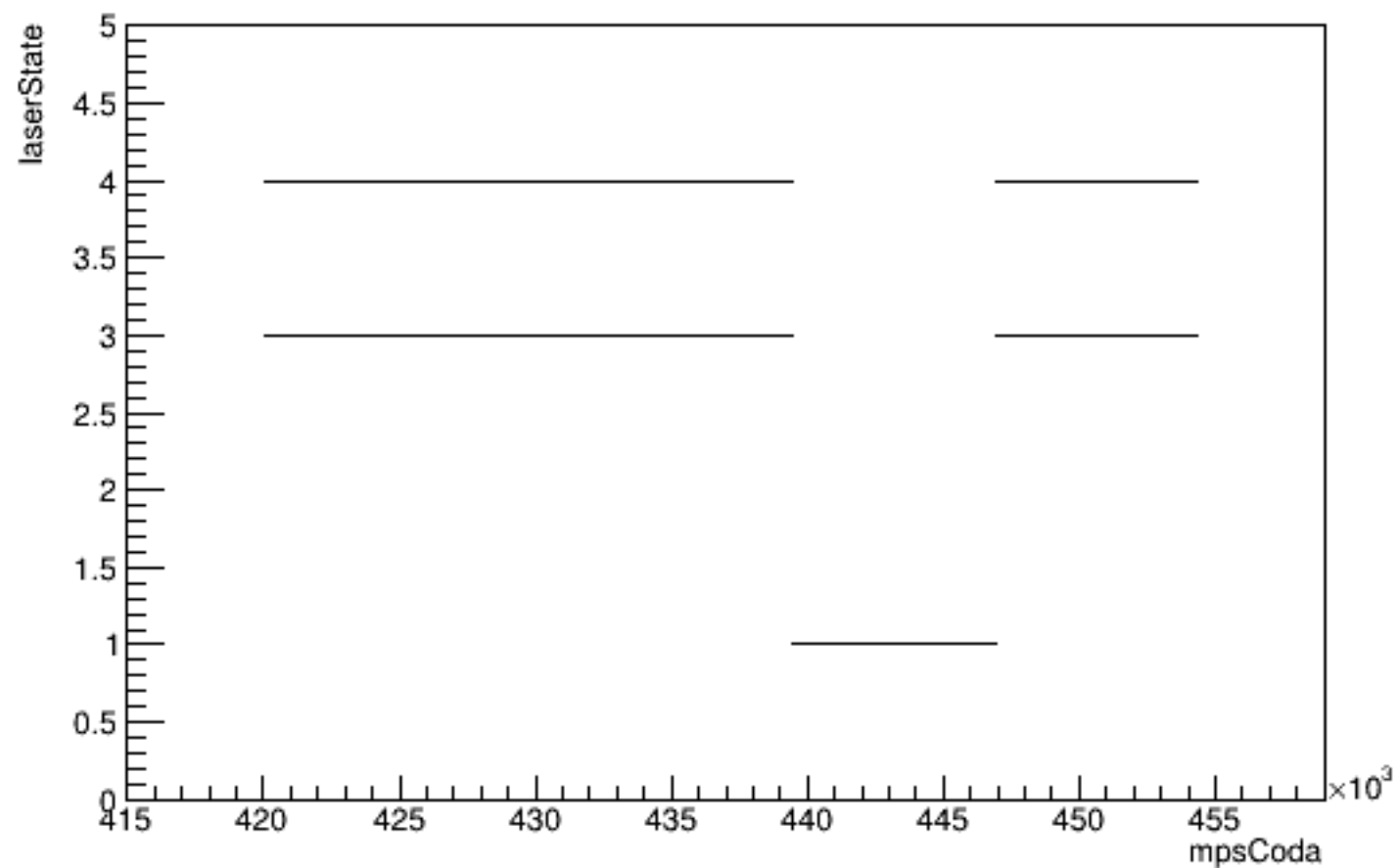
Run 5680 quartetwise, Asyms



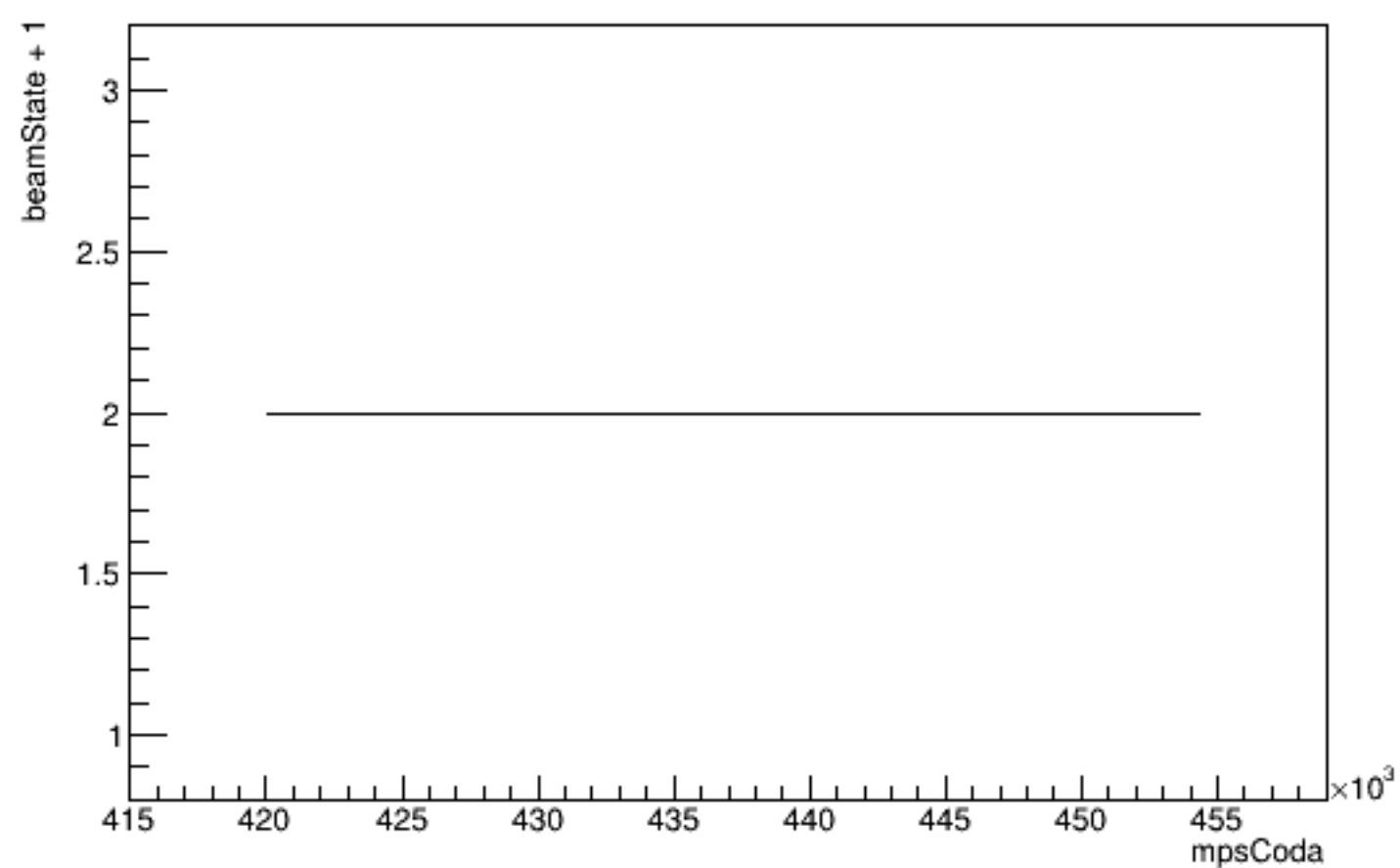
Acc0/NAcc0:mpsCoda (mpsCoda>=420037 && mpsCoda<=454292 && beamState==1)



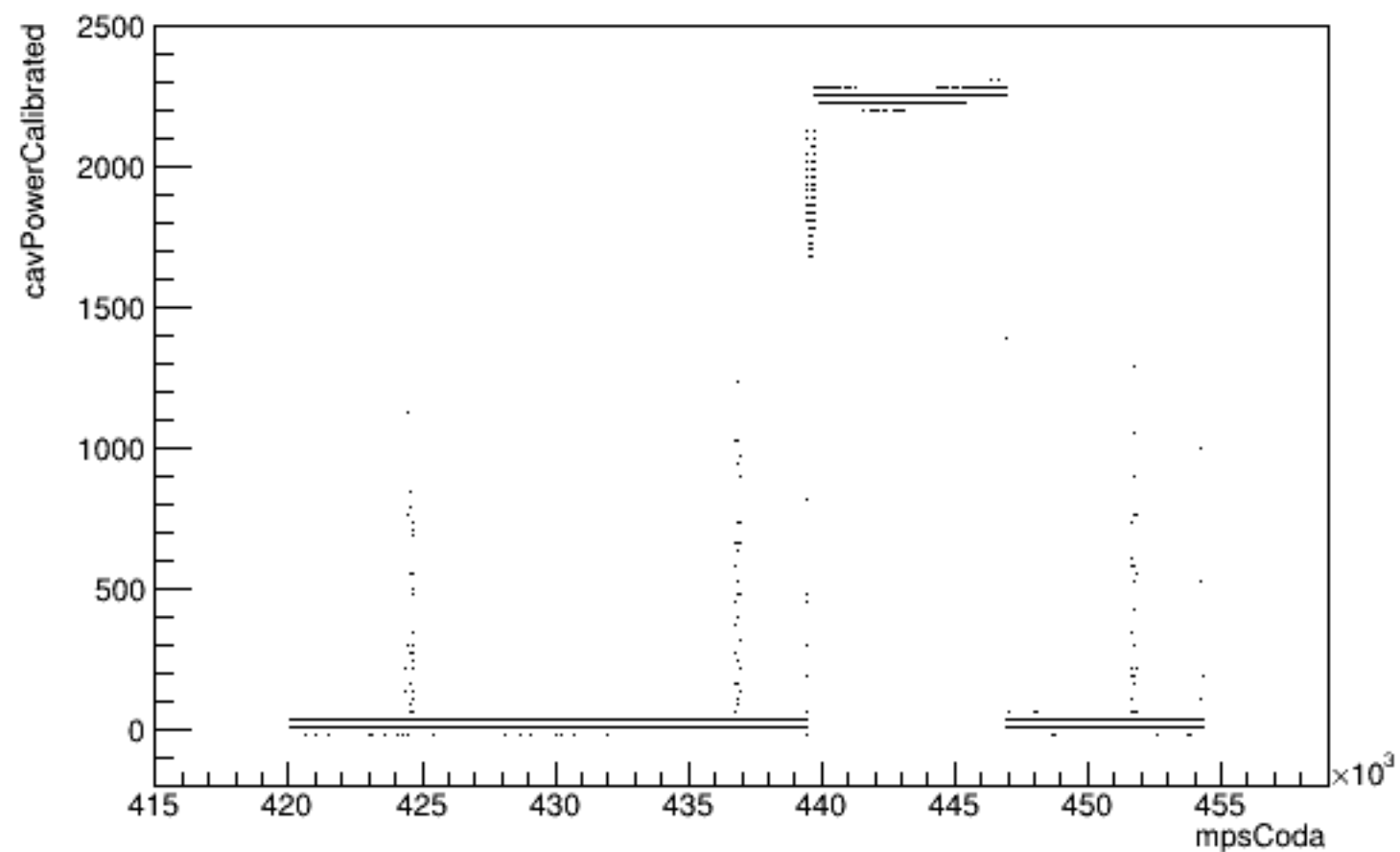
laserState:mpsCoda {mpsCoda>=420037 && mpsCoda<=454292}



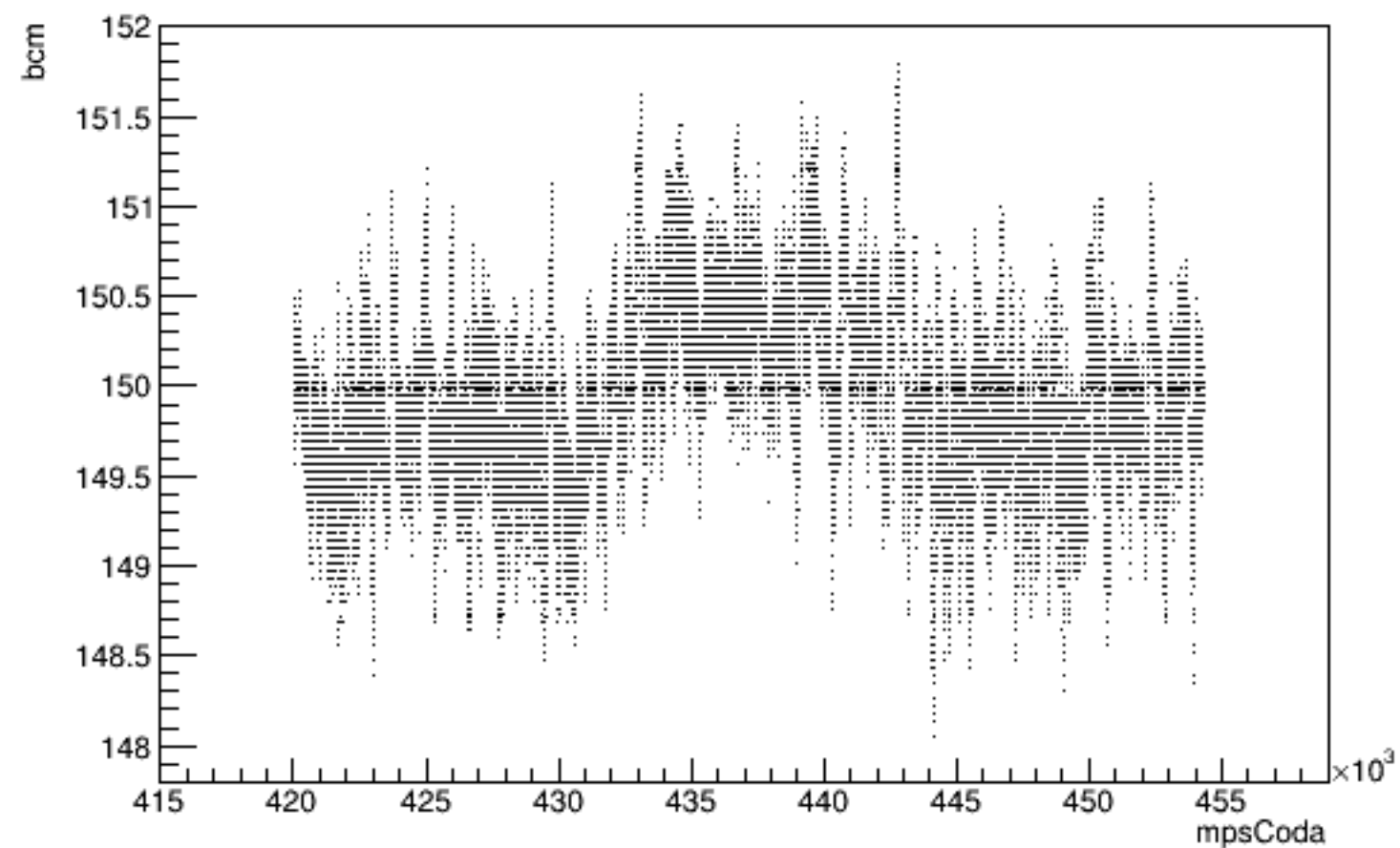
beamState + 1:mpsCoda {mpsCoda>=420037 && mpsCoda<=454292}



cavPowerCalibrated:mpsCoda {mpsCoda>=420037 && mpsCoda<=454292}



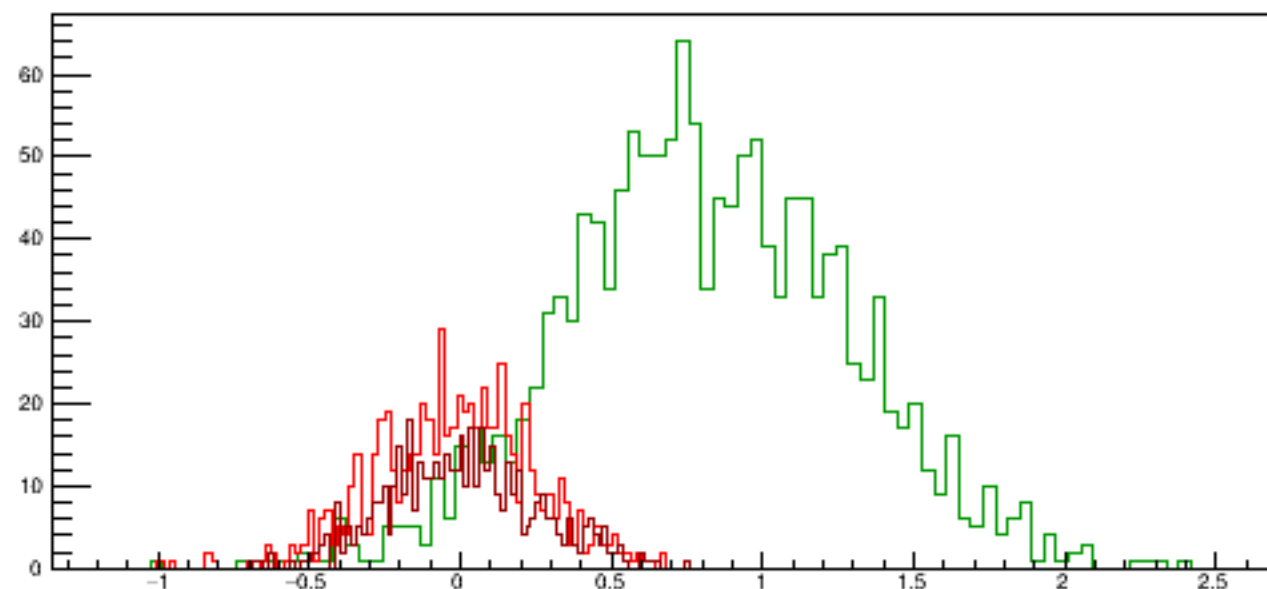
bcm:mpsCoda {mpsCoda>=420037 && mpsCoda<=454292}



Cycle 17, Diffs

Entries: 630	Entries: 1476	Entries: 483
Mean: -0.0178 +/- 0.0105	Mean: 0.8088 +/- 0.0123	Mean: 0.0065 +/- 0.0114
Std Dev: 0.2630 +/- 0.0074	Std Dev: 0.4722 +/- 0.0087	Std Dev: 0.2499 +/- 0.0080

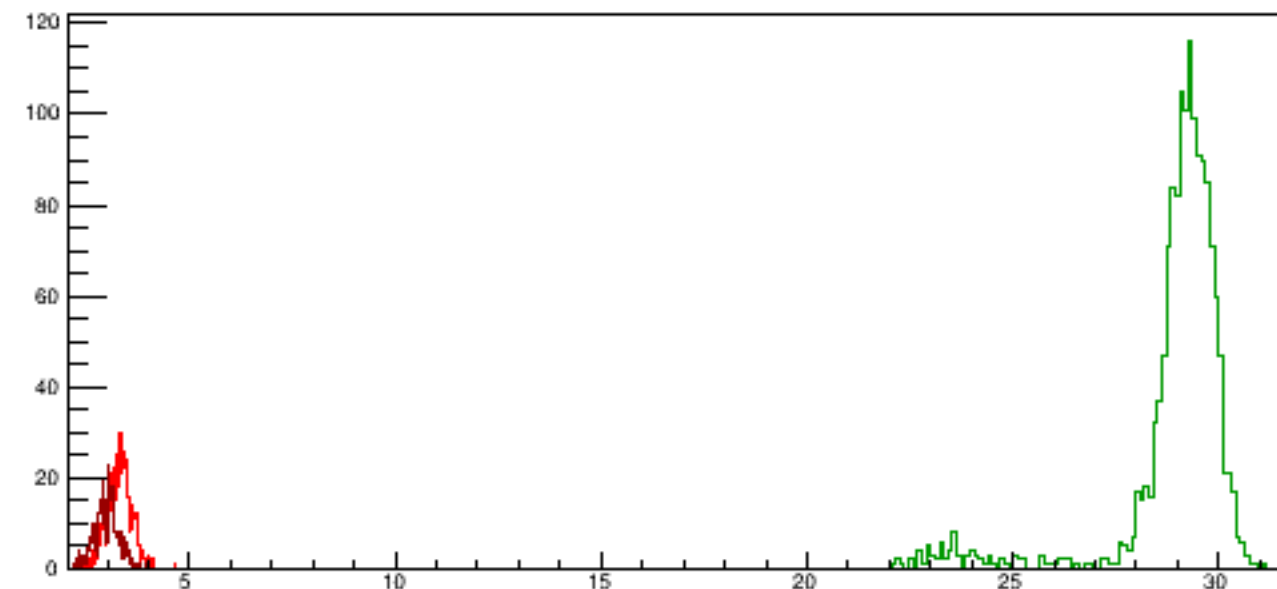
Run 5680 quartetwise, Diffs



Cycle 17, Sums

Entries: 630	Entries: 1476	Entries: 483
Mean: 3.3127 +/- 0.0118	Mean: 28.9716 +/- 0.0356	Mean: 2.9886 +/- 0.0133
Std Dev: 0.2960 +/- 0.0083	Std Dev: 1.3665 +/- 0.0252	Std Dev: 0.2929 +/- 0.0094

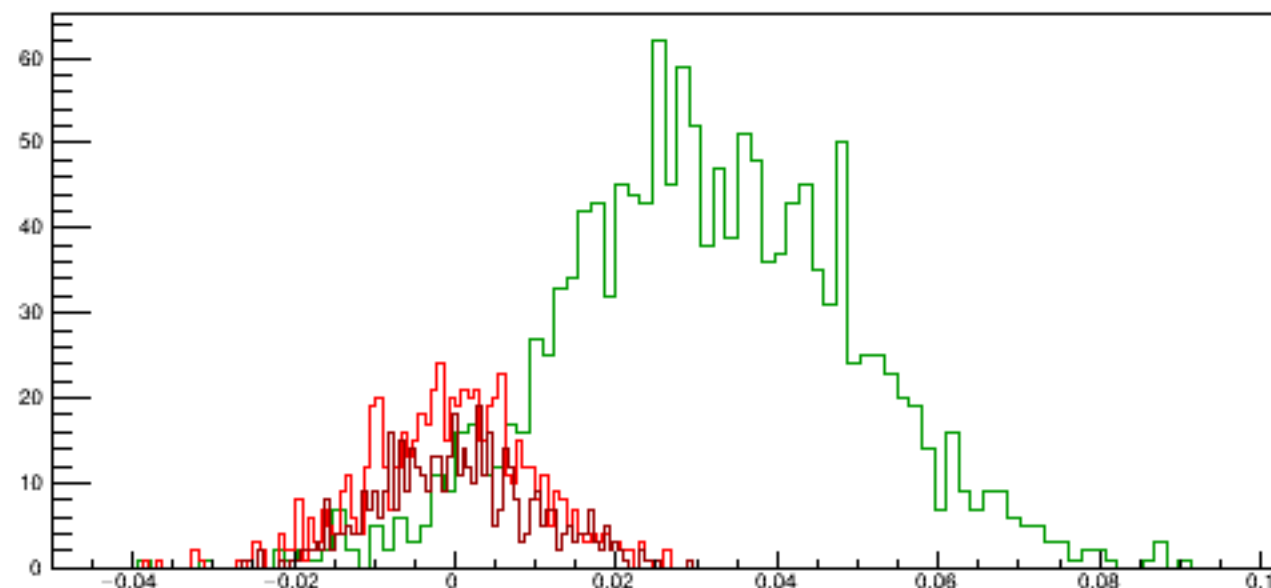
Run 5680 quartetwise, Sums



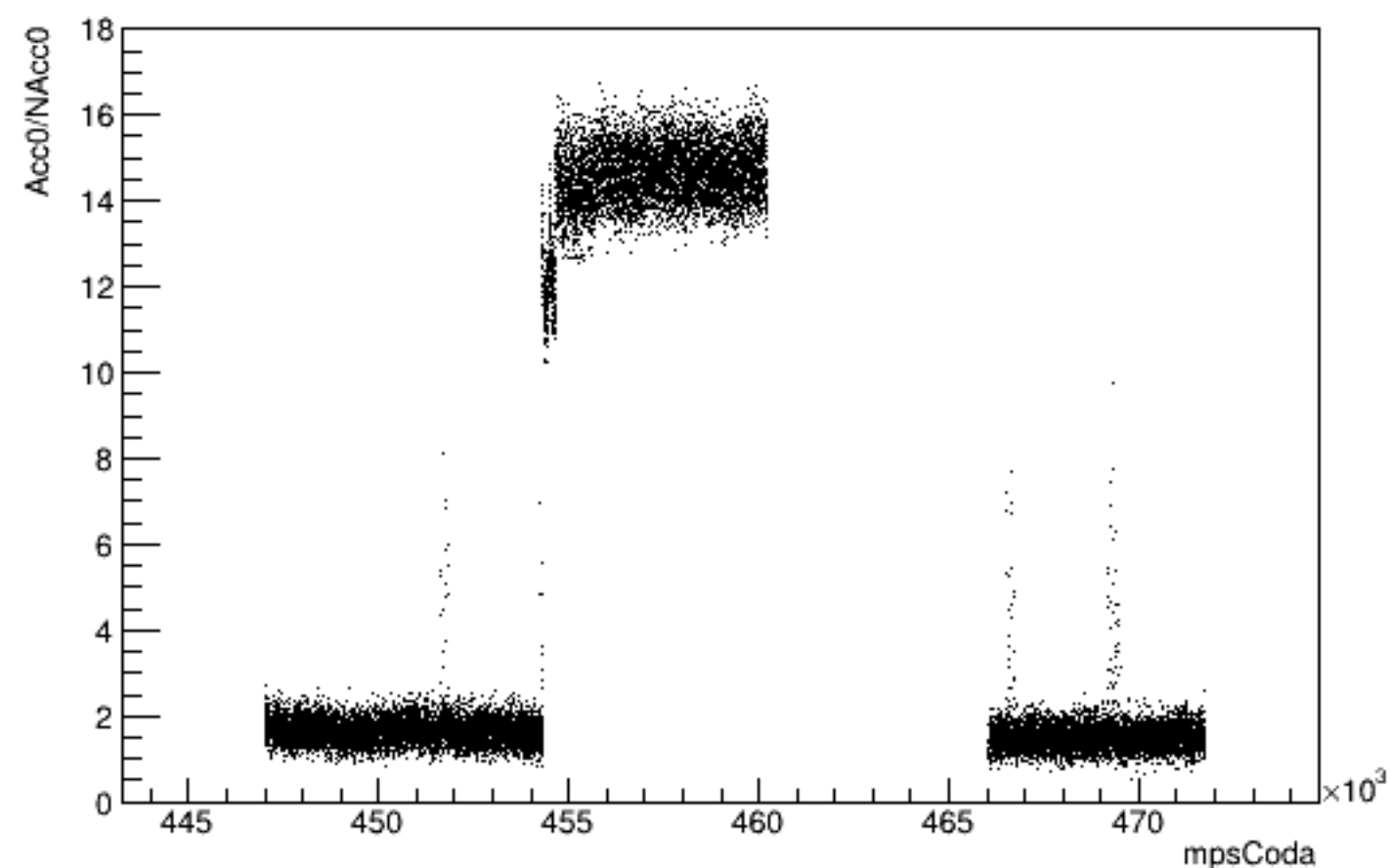
Cycle 17, Asyms

Entries: 630	Entries: 1476	Entries: 483
Mean: -0.0007 +/- 0.0004	Mean: 0.0314 +/- 0.0005	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0102 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0097 +/- 0.0003

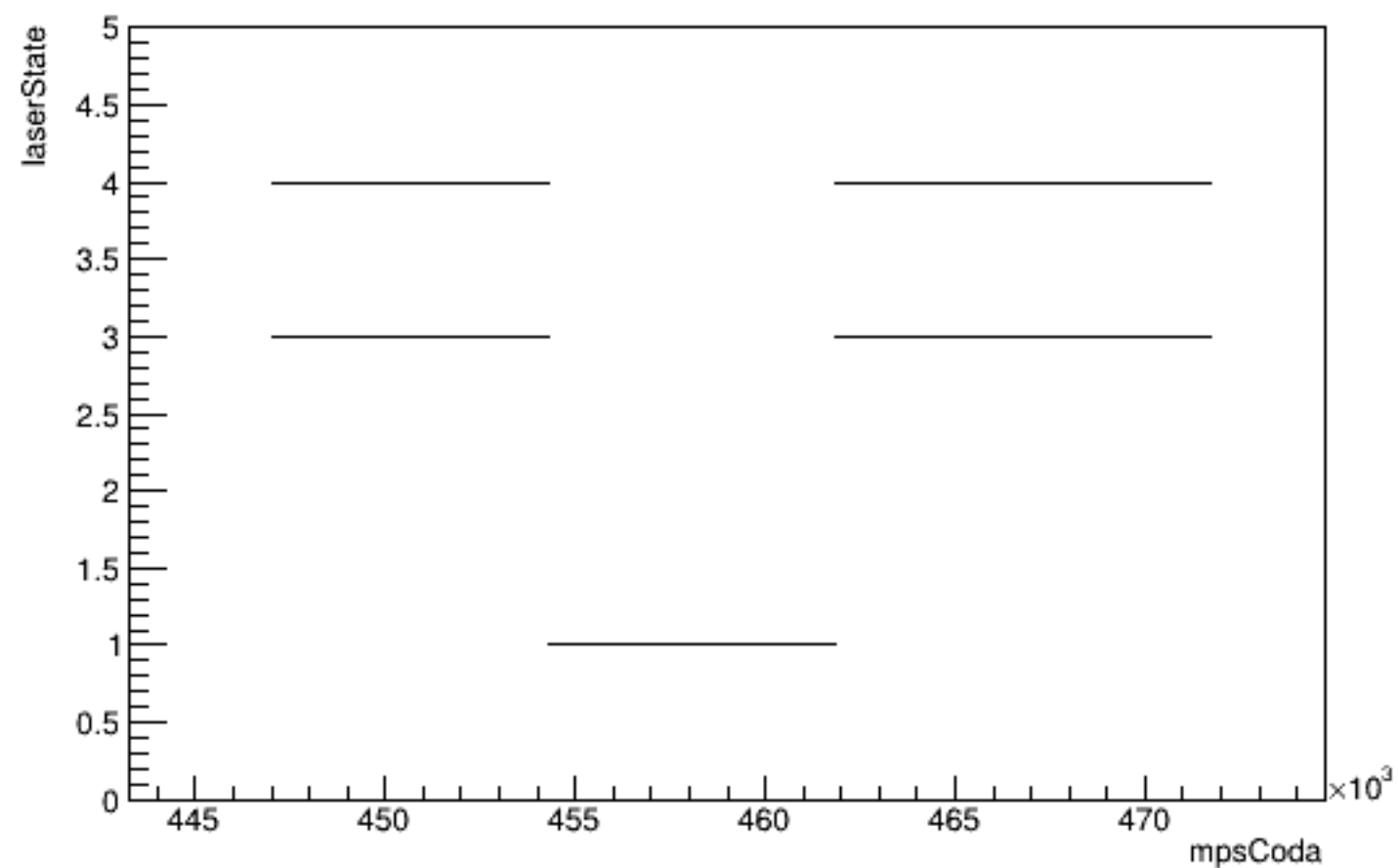
Run 5680 quartetwise, Asyms



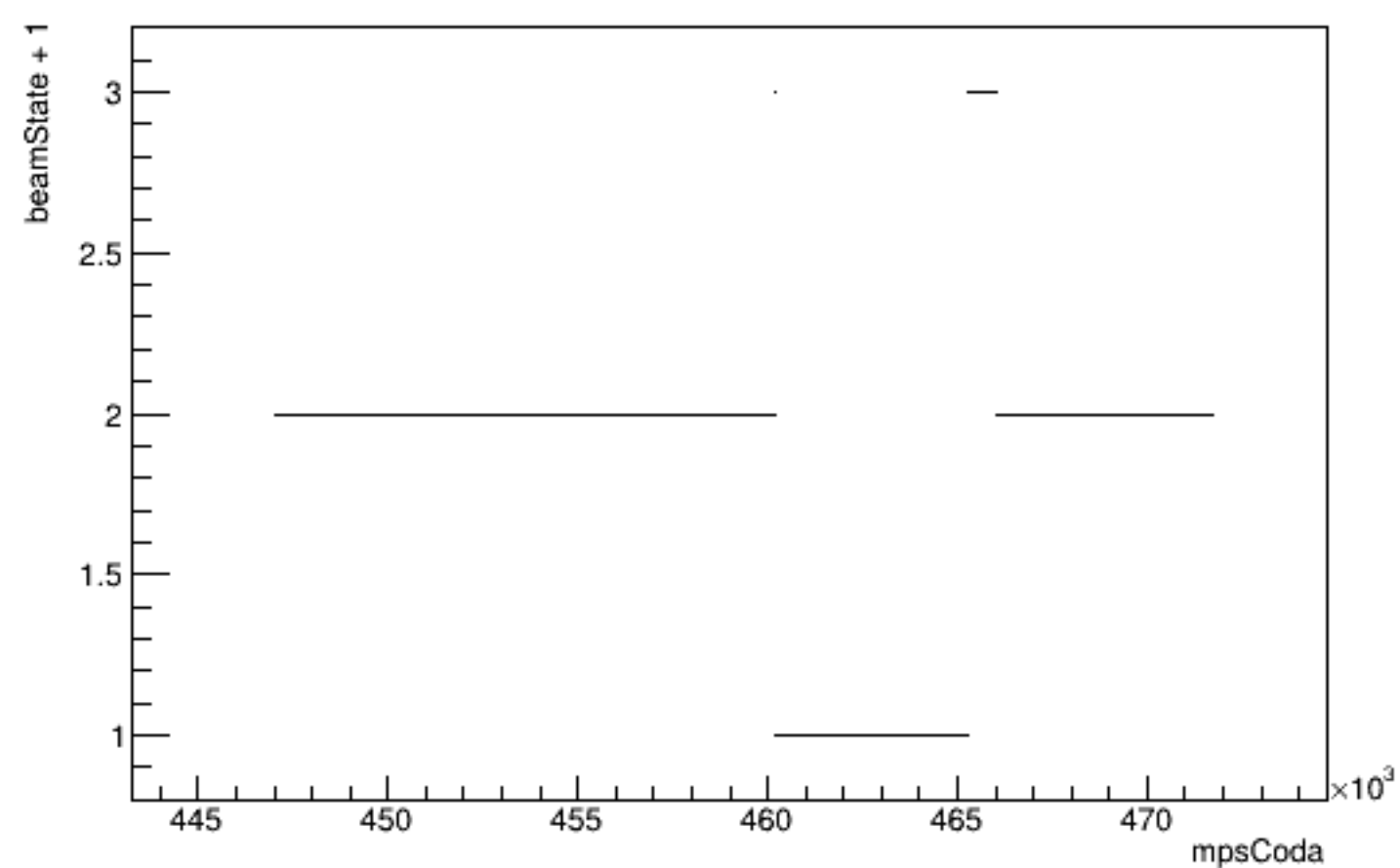
Acc0/NAcc0:mpsCoda (mpsCoda>=447001 && mpsCoda<=471732 && beamState==1)



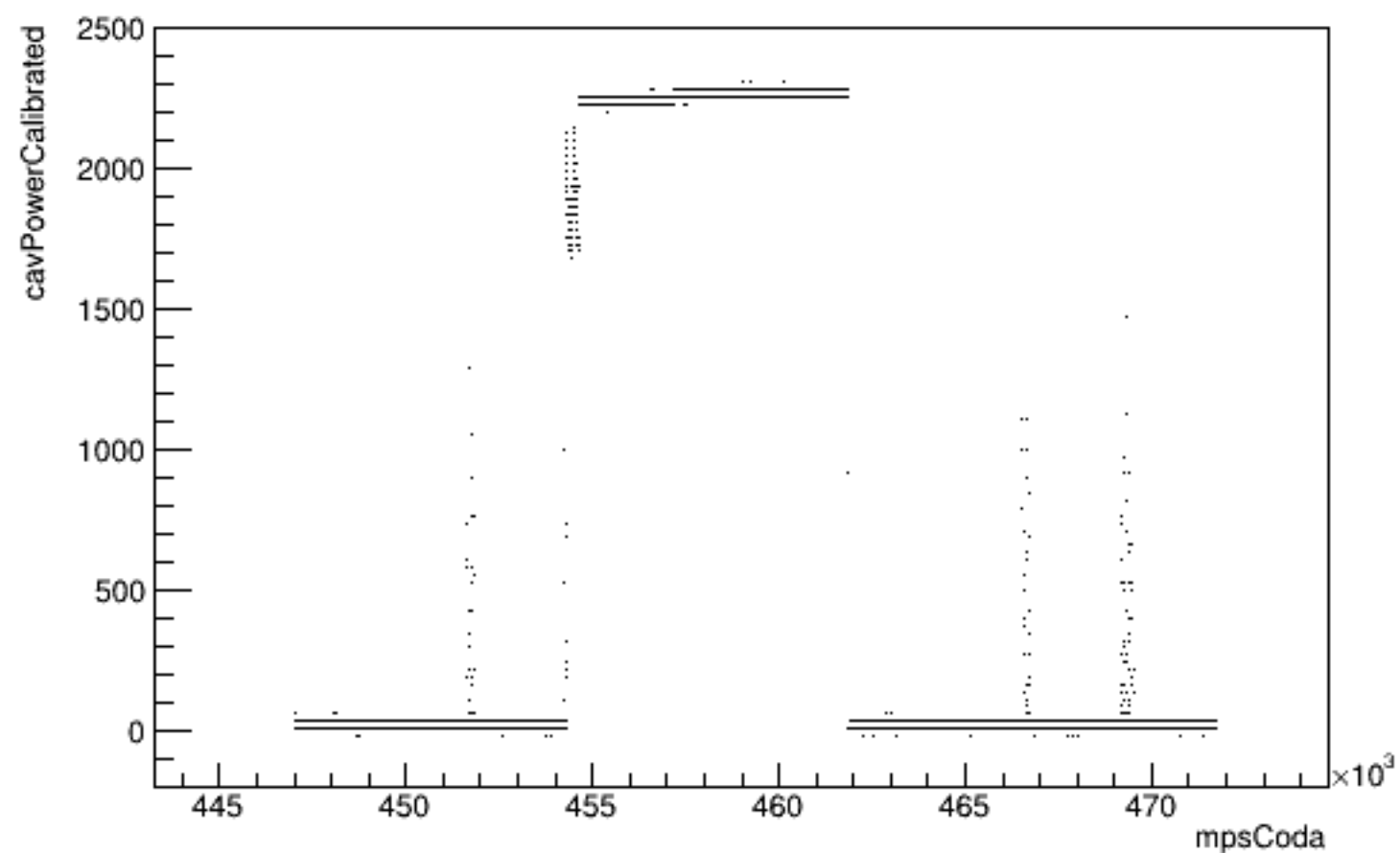
laserState:mpsCoda {mpsCoda>=447001 && mpsCoda<=471732}



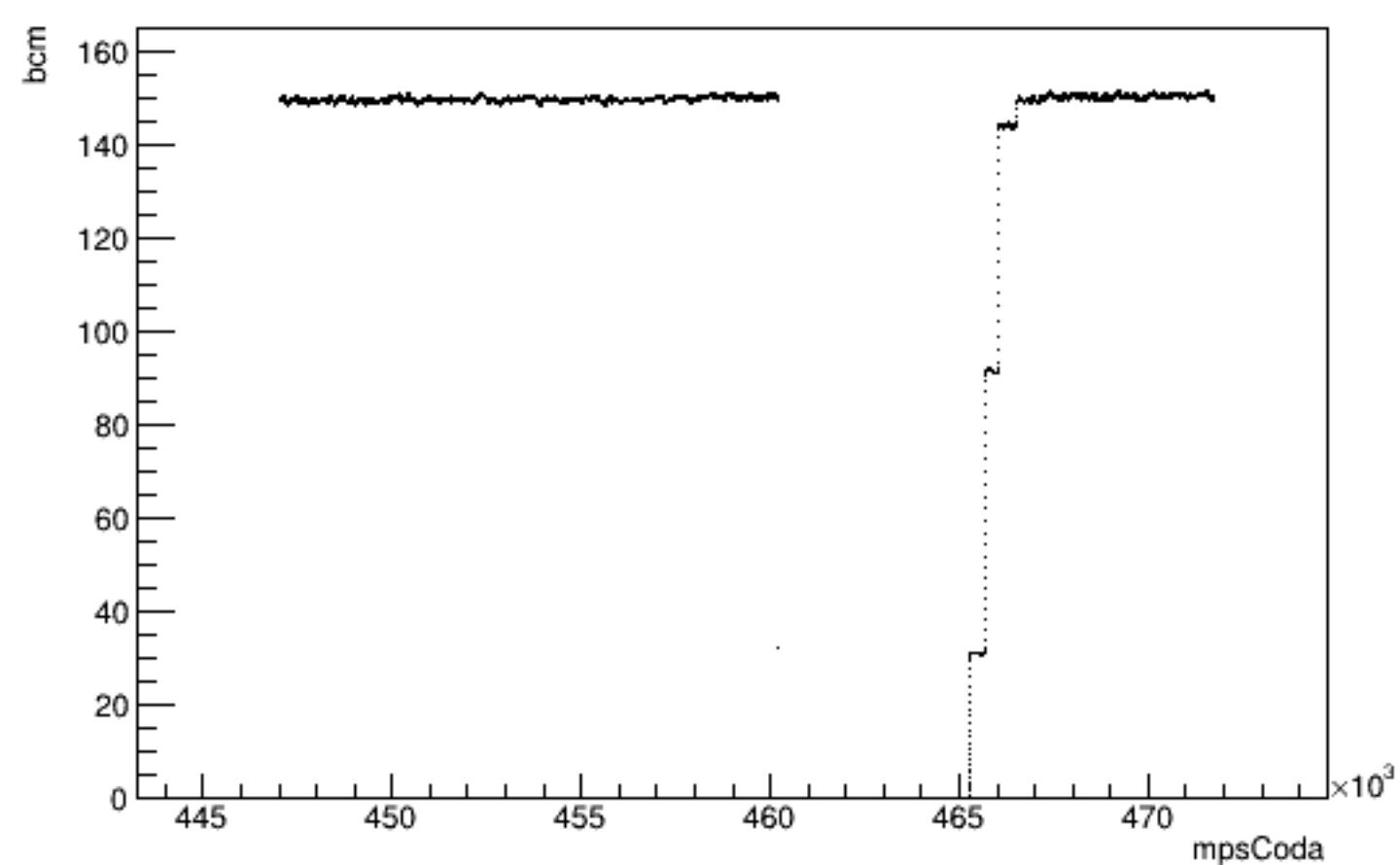
beamState + 1:mpsCoda {mpsCoda>=447001 && mpsCoda<=471732}



cavPowerCalibrated:mpsCoda {mpsCoda>=447001 && mpsCoda<=471732}



bcm:mpsCoda {mpsCoda>=447001 && mpsCoda<=471732}



Cycle 18, Diffs

Entries: 483

Mean: 0.0065 +/- 0.0114

Std Dev: 0.2499 +/- 0.0080

Entries: 1874

Mean: 0.8094 +/- 0.0105

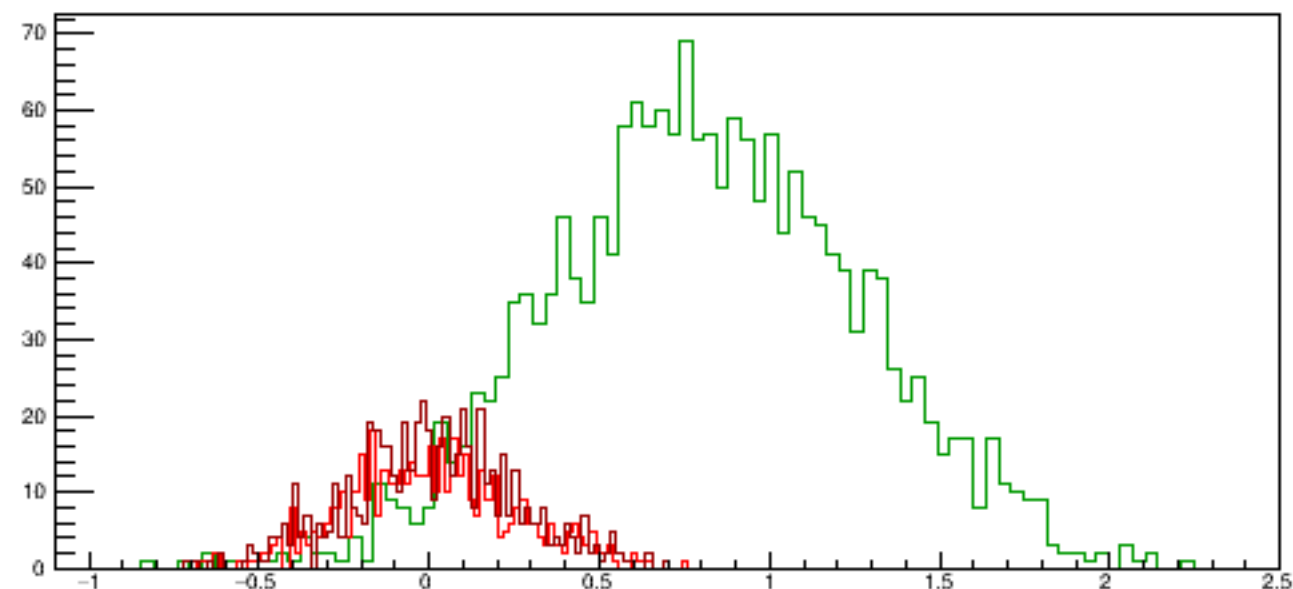
Std Dev: 0.4558 +/- 0.0074

Entries: 585

Mean: 0.0068 +/- 0.0102

Std Dev: 0.2467 +/- 0.0072

Run 5680 quartetwise, Diffs



Cycle 18, Sums

Entries: 483

Mean: 2.9886 +/- 0.0133

Std Dev: 0.2929 +/- 0.0094

Entries: 1874

Mean: 28.8735 +/- 0.0283

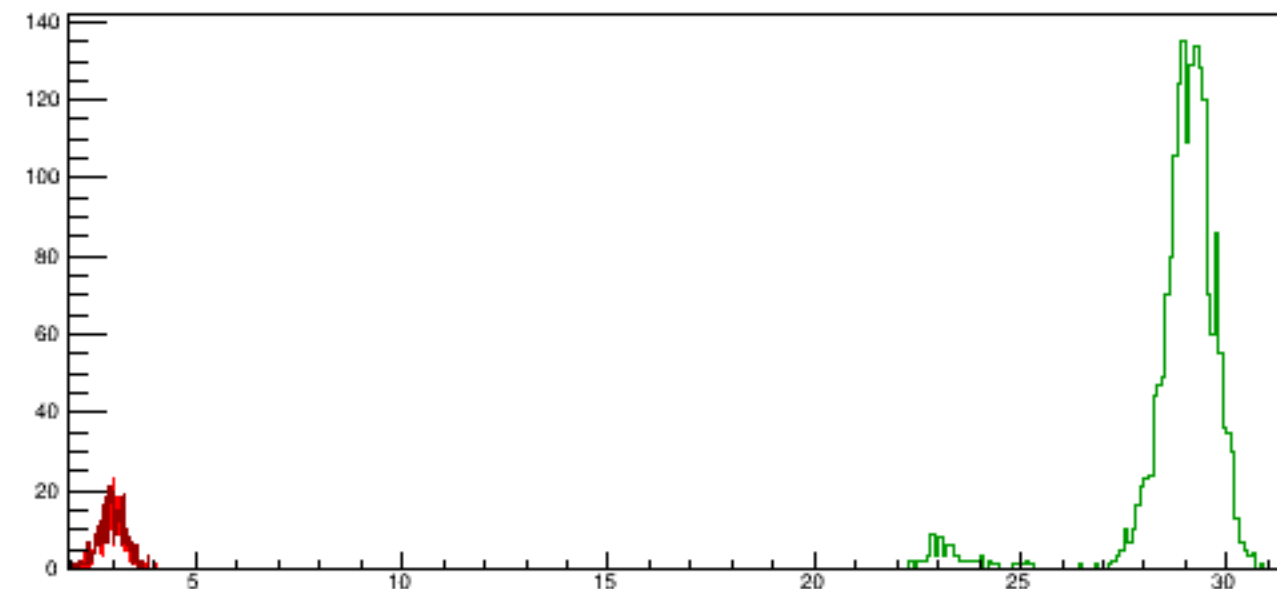
Std Dev: 1.2253 +/- 0.0200

Entries: 585

Mean: 2.9706 +/- 0.0130

Std Dev: 0.3137 +/- 0.0092

Run 5680 quartetwise, Sums



Cycle 18, Asyms

Entries: 483

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0097 +/- 0.0003

Entries: 1874

Mean: 0.0313 +/- 0.0004

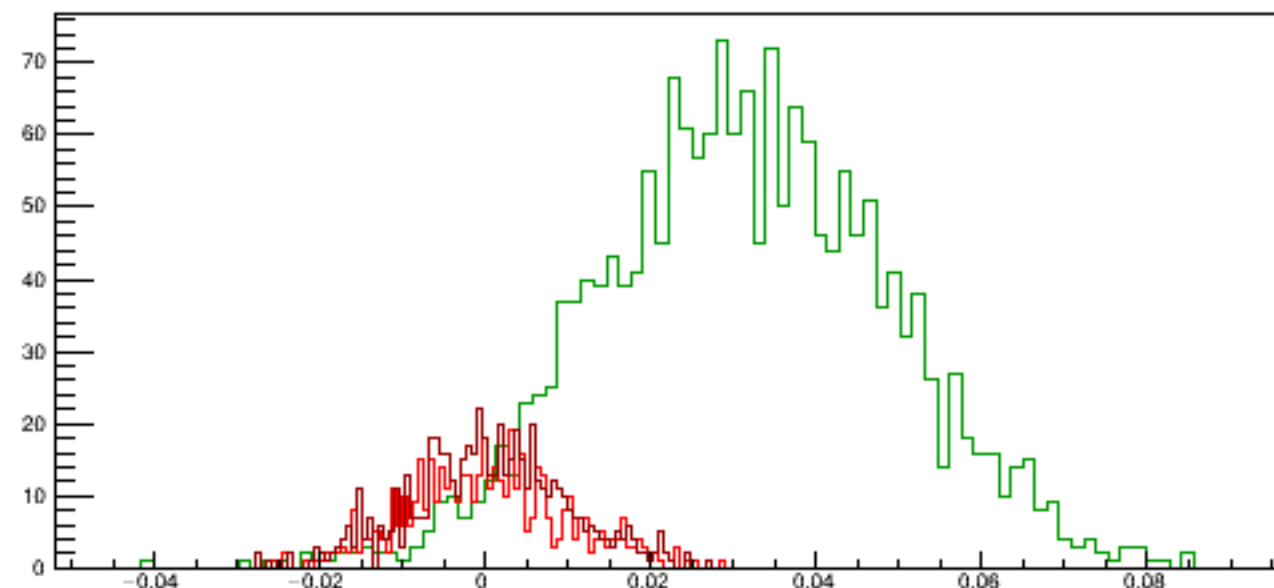
Std Dev: 0.0176 +/- 0.0003

Entries: 585

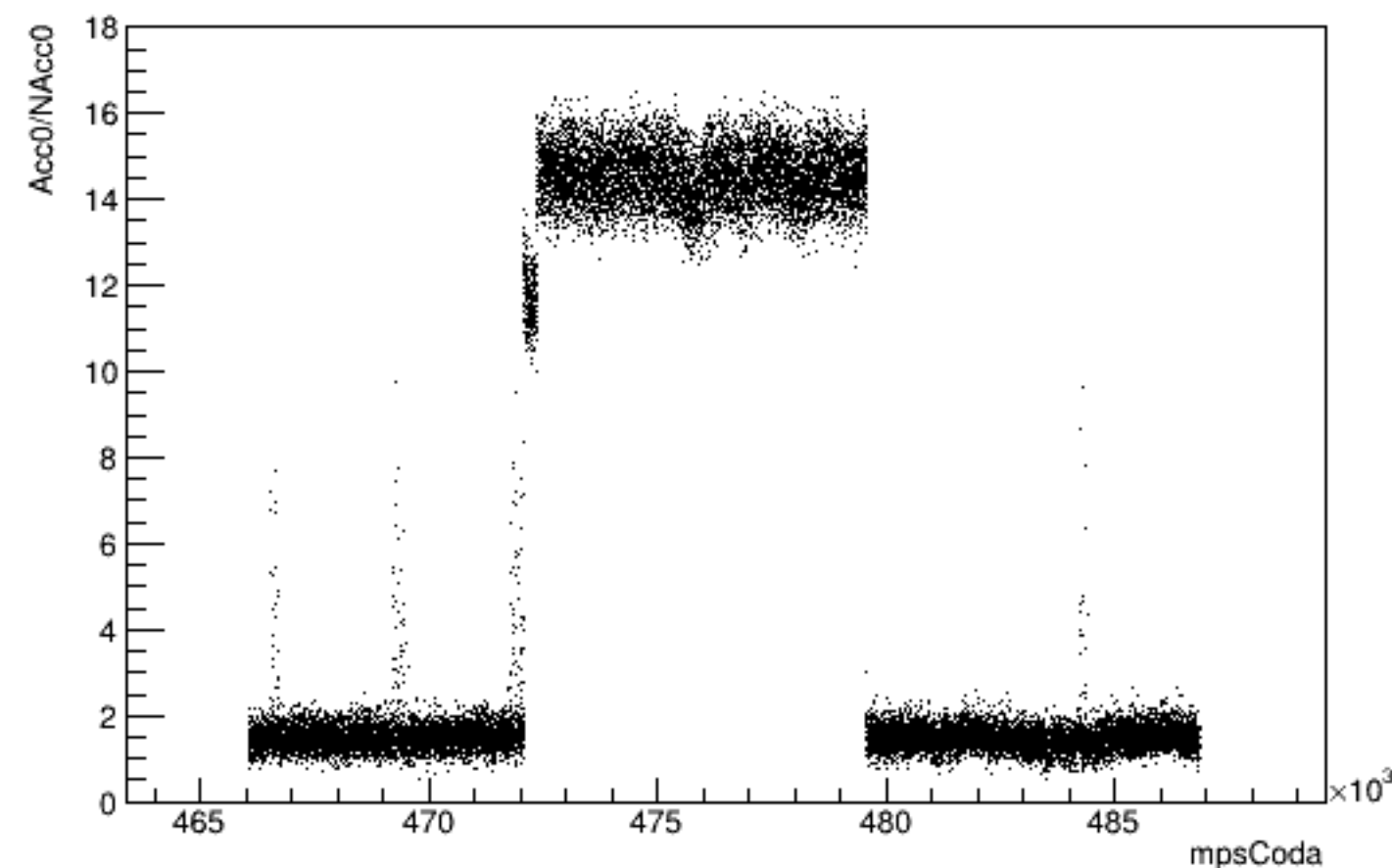
Mean: 0.0003 +/- 0.0004

Std Dev: 0.0095 +/- 0.0003

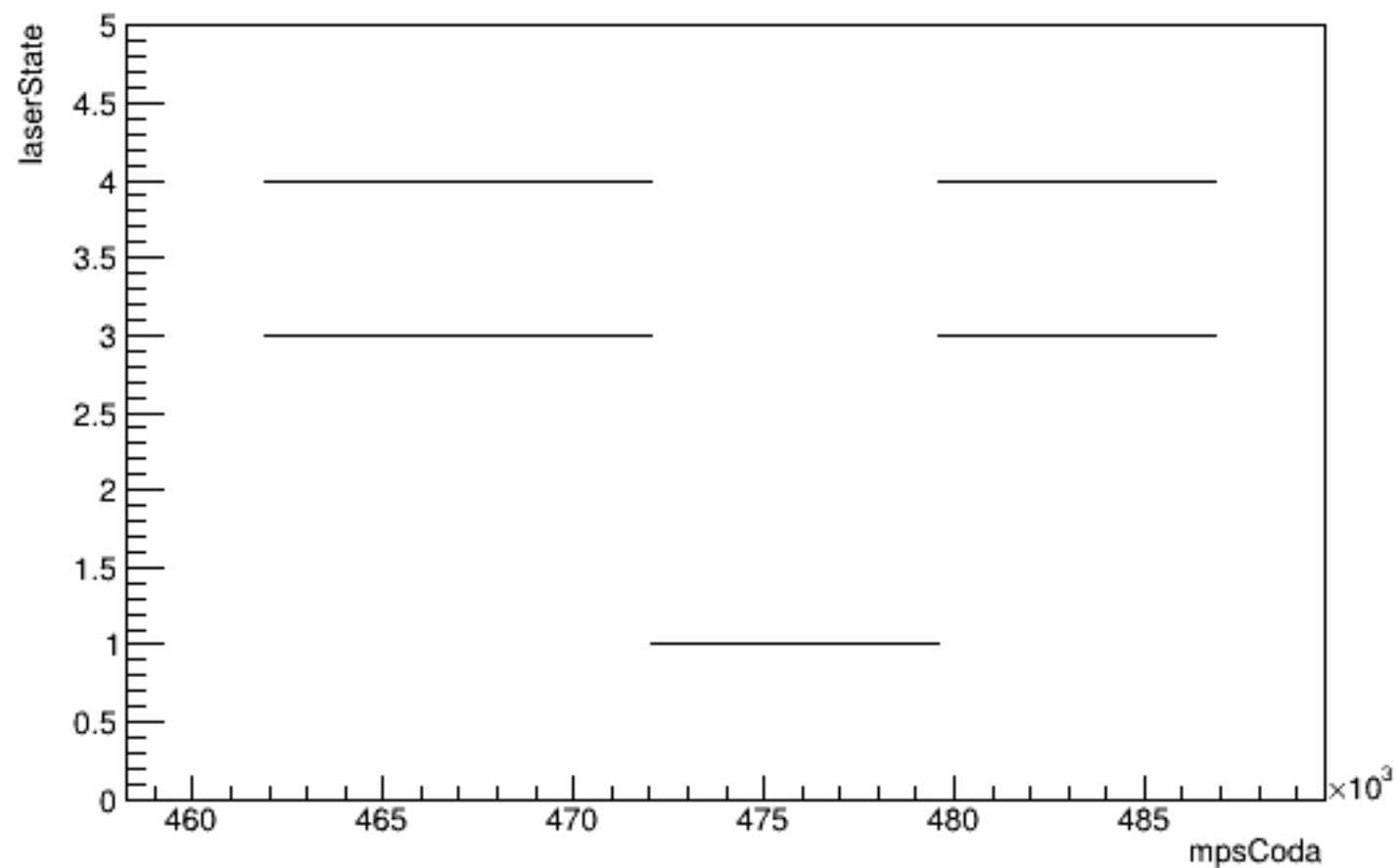
Run 5680 quartetwise, Asyms



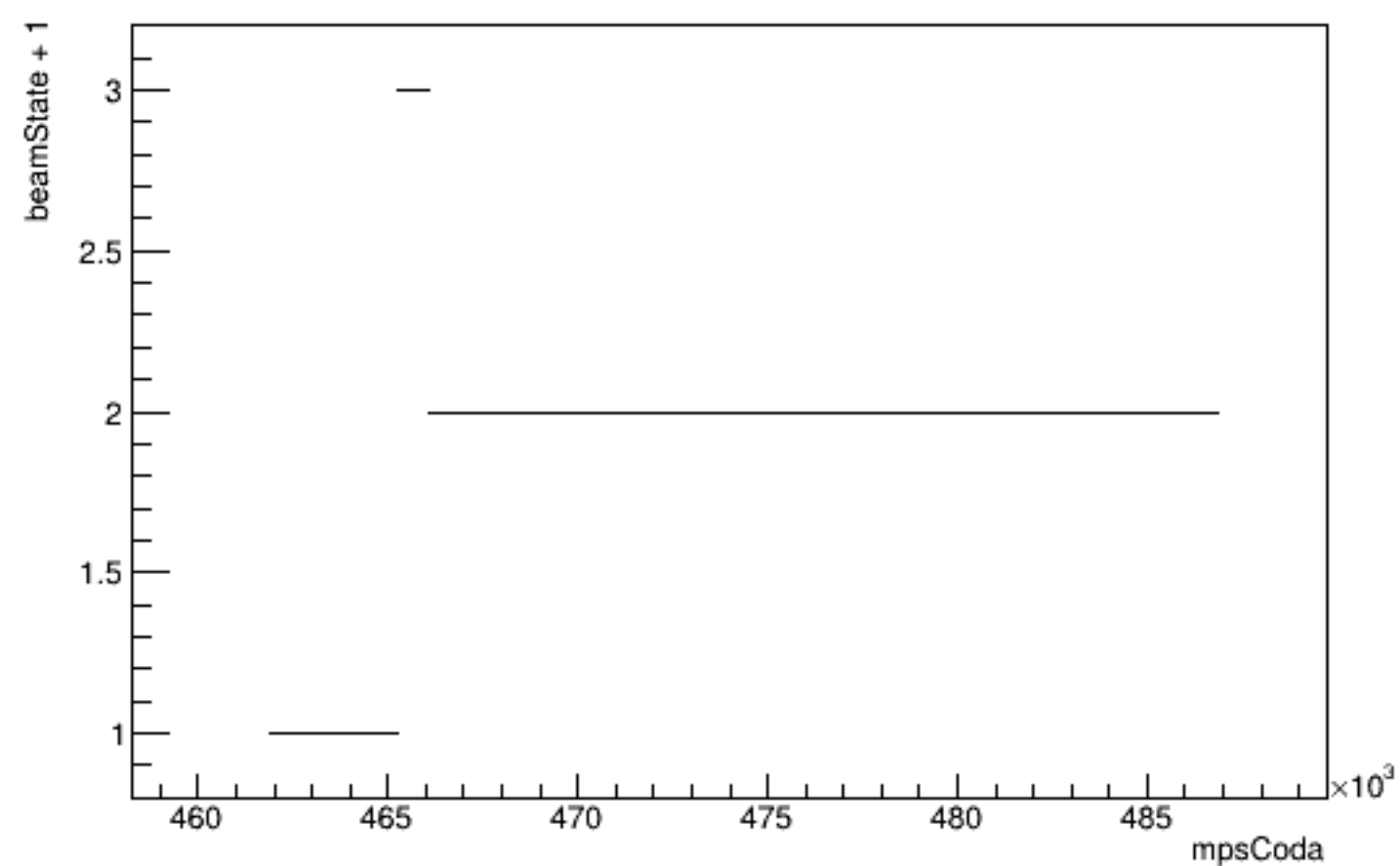
Acc0/NAcc0:mpsCoda (mpsCoda>=461913 && mpsCoda<=486852 && beamState==1)



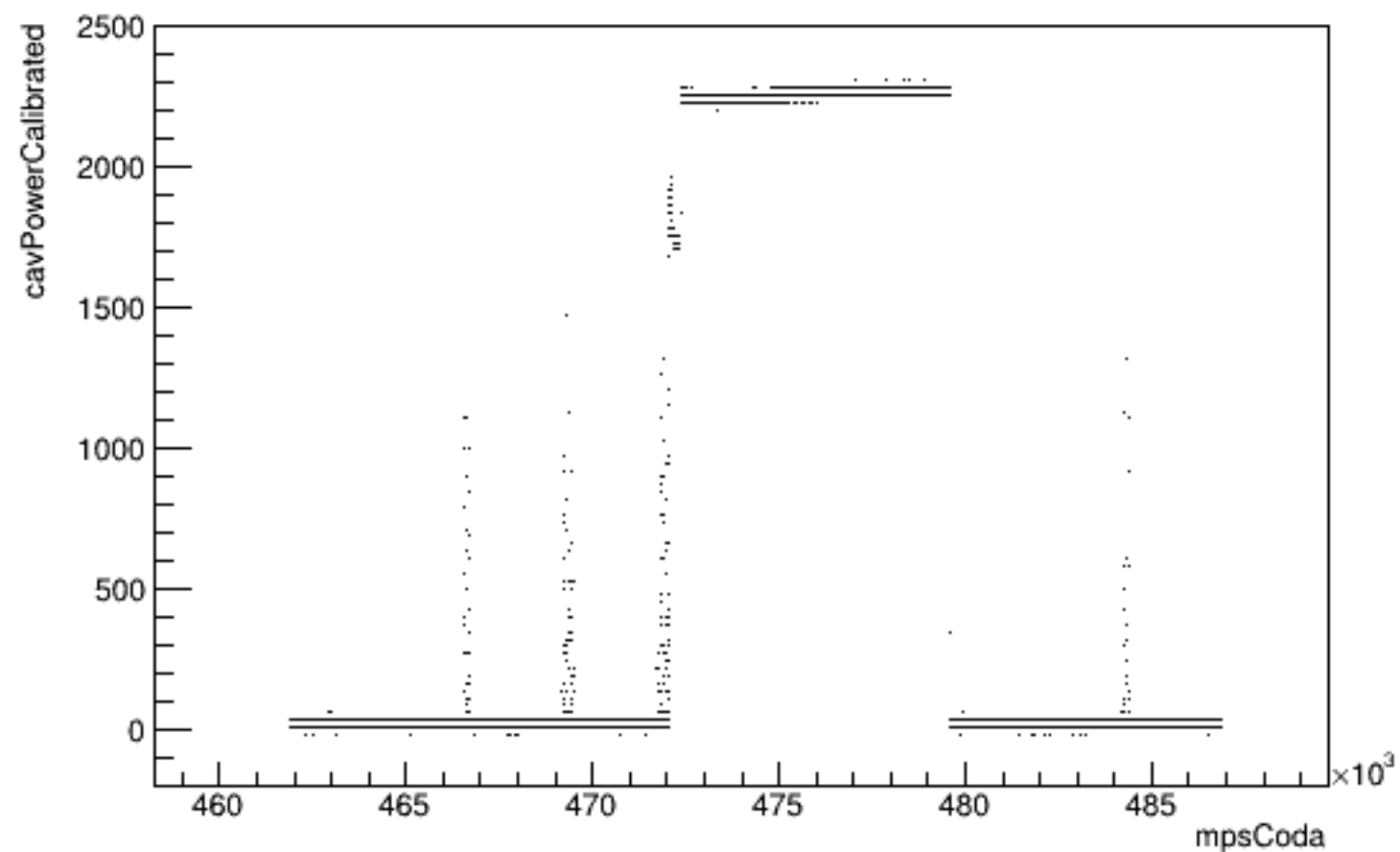
laserState:mpsCoda {mpsCoda>=461913 && mpsCoda<=486852}



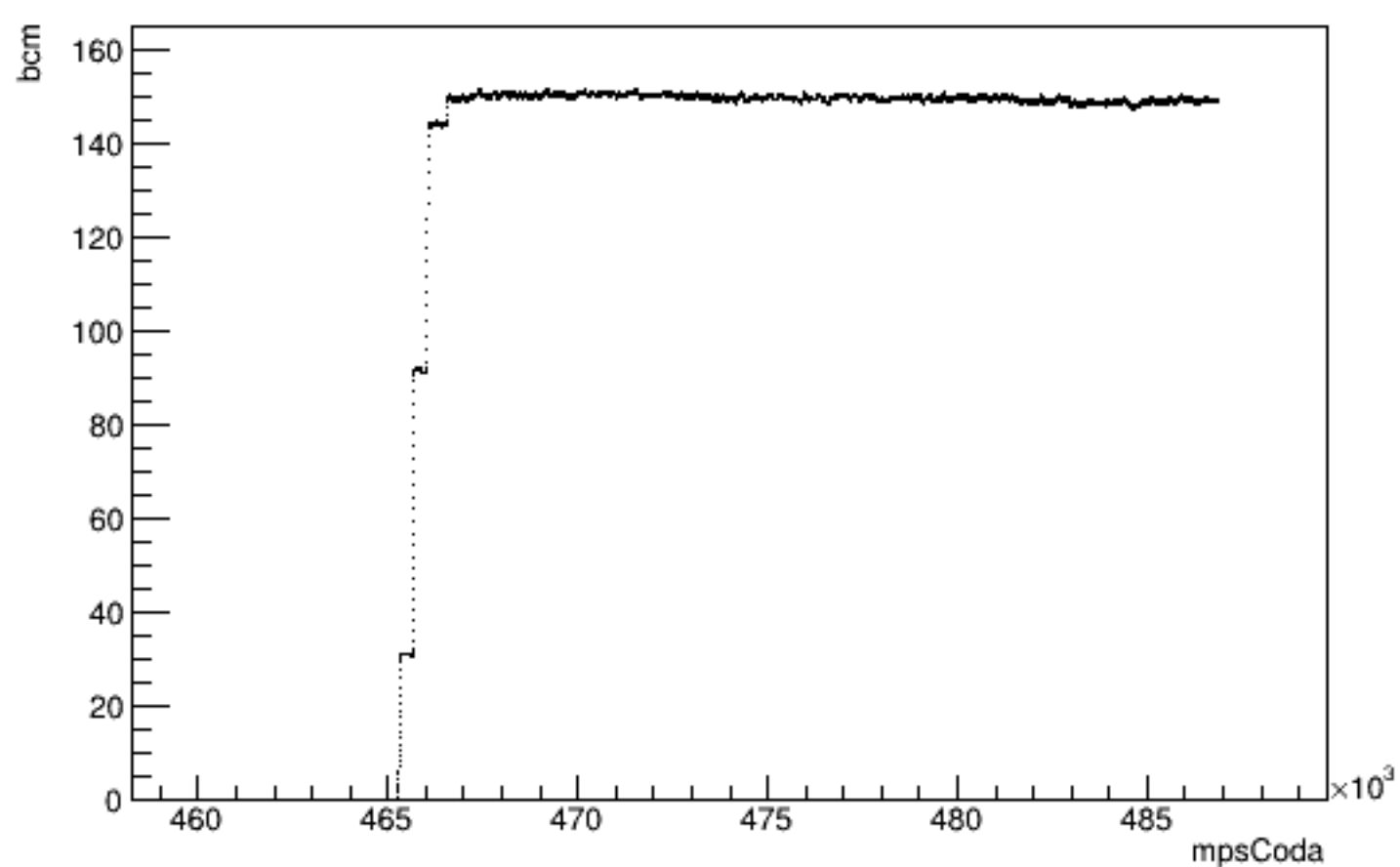
beamState + 1:mpsCoda {mpsCoda>=461913 && mpsCoda<=486852}



cavPowerCalibrated:mpsCoda {mpsCoda>=461913 && mpsCoda<=486852}



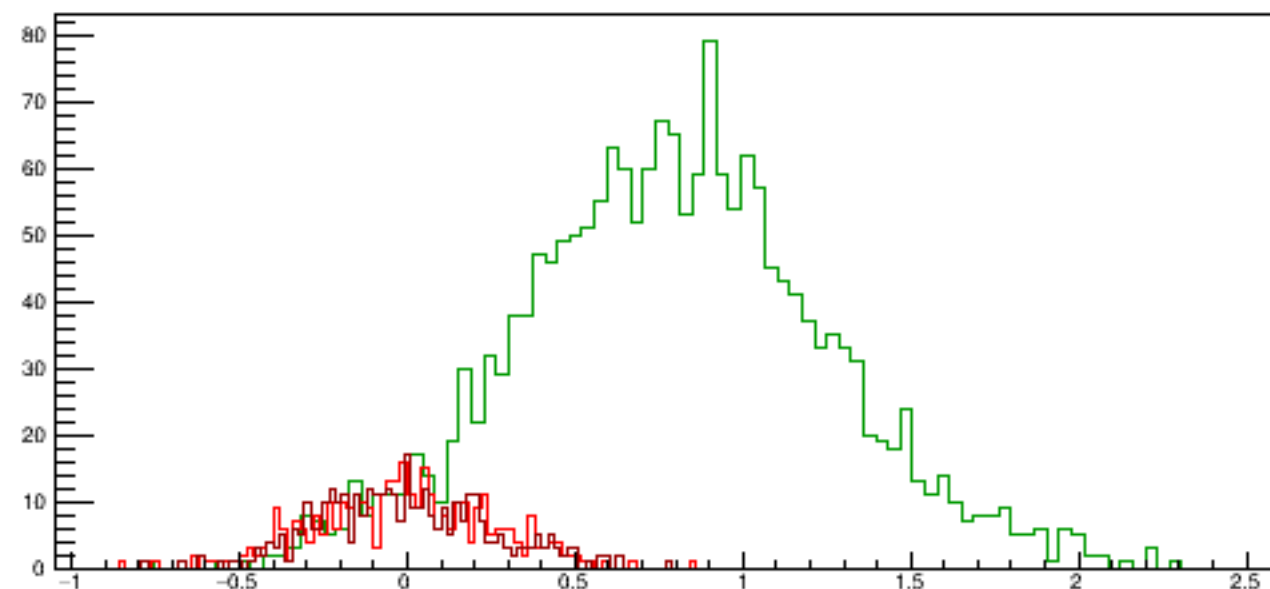
bcm:mpsCoda {mpsCoda>=461913 && mpsCoda<=486852}



Cycle 19, Diffs

Entries: 362	Entries: 1924	Entries: 369
Mean: -0.0109 +/- 0.0138	Mean: 0.7901 +/- 0.0105	Mean: -0.0078 +/- 0.0132
Std Dev: 0.2622 +/- 0.0097	Std Dev: 0.4607 +/- 0.0074	Std Dev: 0.2533 +/- 0.0093

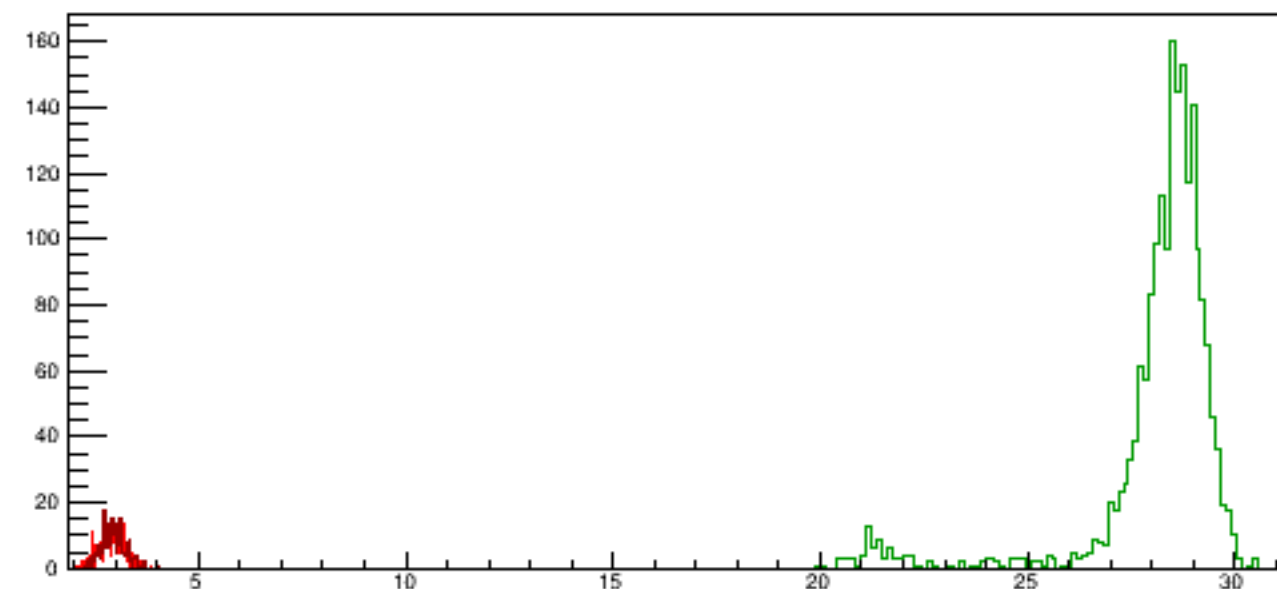
Run 5680 quartetwise, Diffs



Cycle 19, Sums

Entries: 362	Entries: 1924	Entries: 369
Mean: 2.9087 +/- 0.0157	Mean: 28.1600 +/- 0.0370	Mean: 2.9498 +/- 0.0146
Std Dev: 0.2989 +/- 0.0111	Std Dev: 1.6221 +/- 0.0261	Std Dev: 0.2804 +/- 0.0103

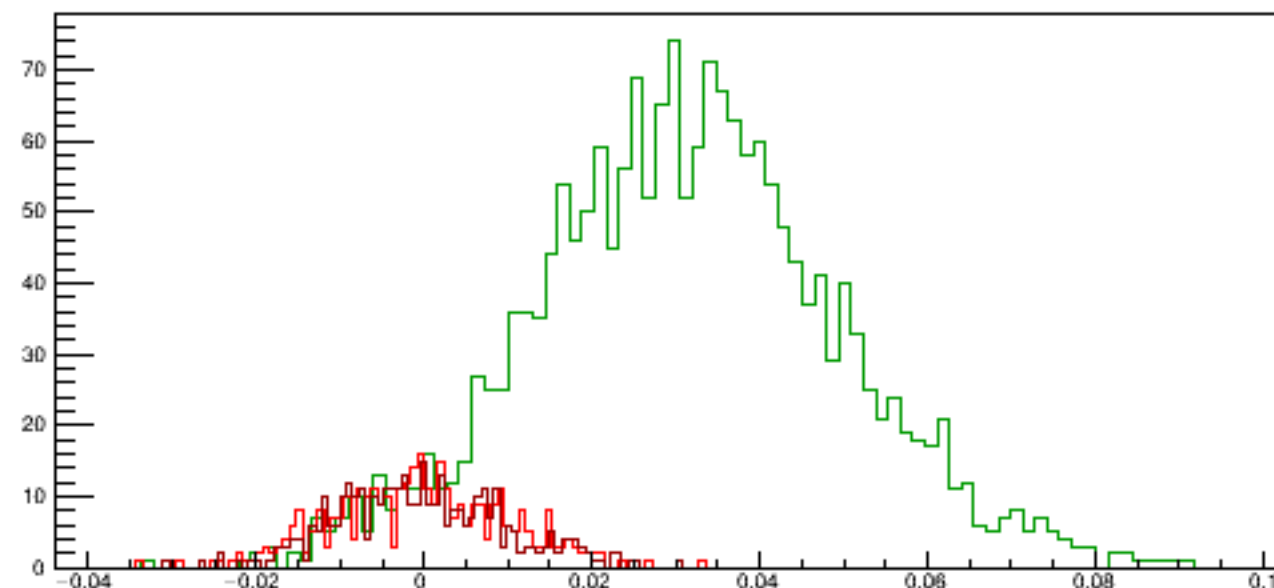
Run 5680 quartetwise, Sums



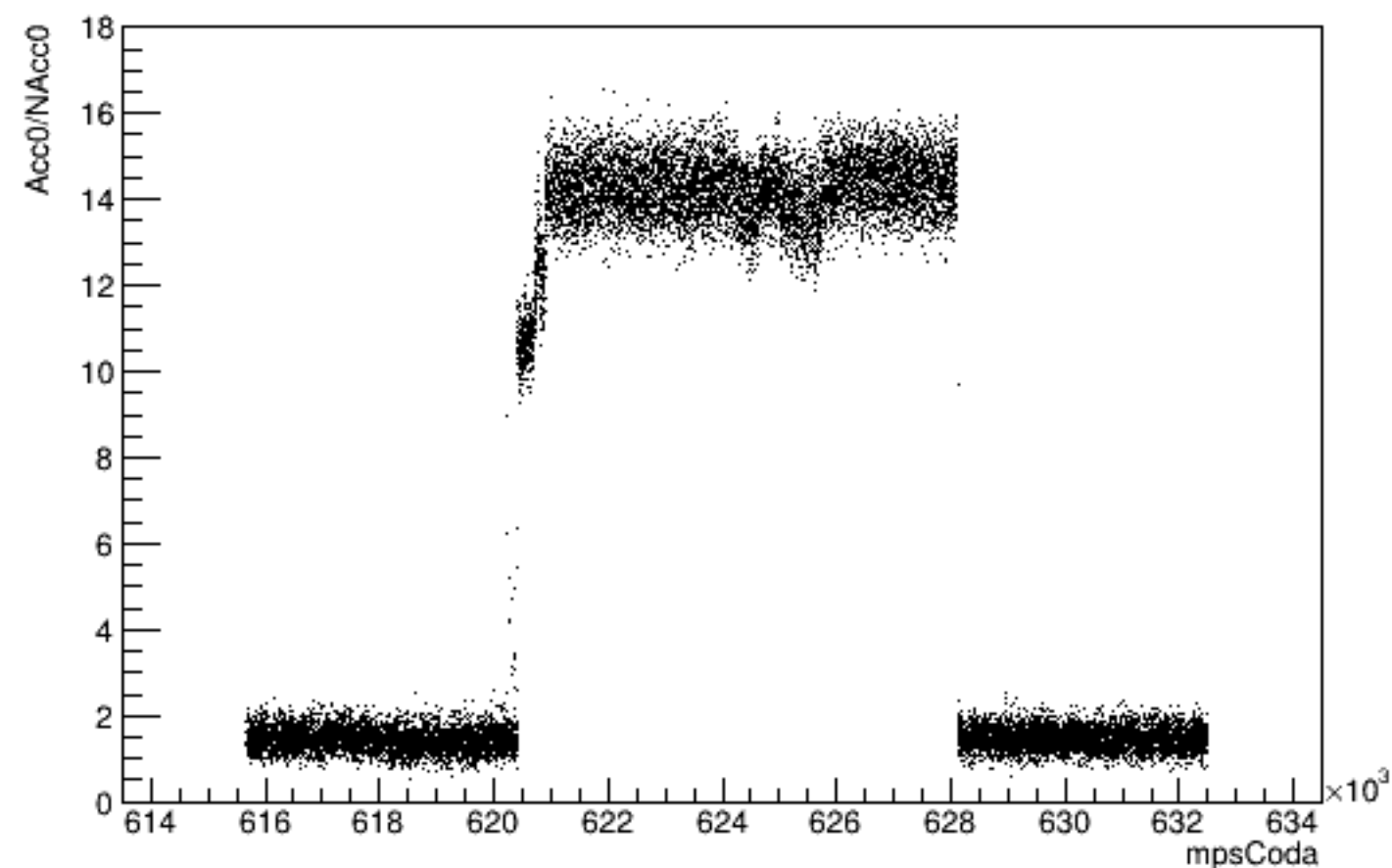
Cycle 19, Asyms

Entries: 362	Entries: 1924	Entries: 369
Mean: -0.0004 +/- 0.0005	Mean: 0.0313 +/- 0.0004	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0104 +/- 0.0004	Std Dev: 0.0182 +/- 0.0003	Std Dev: 0.0100 +/- 0.0004

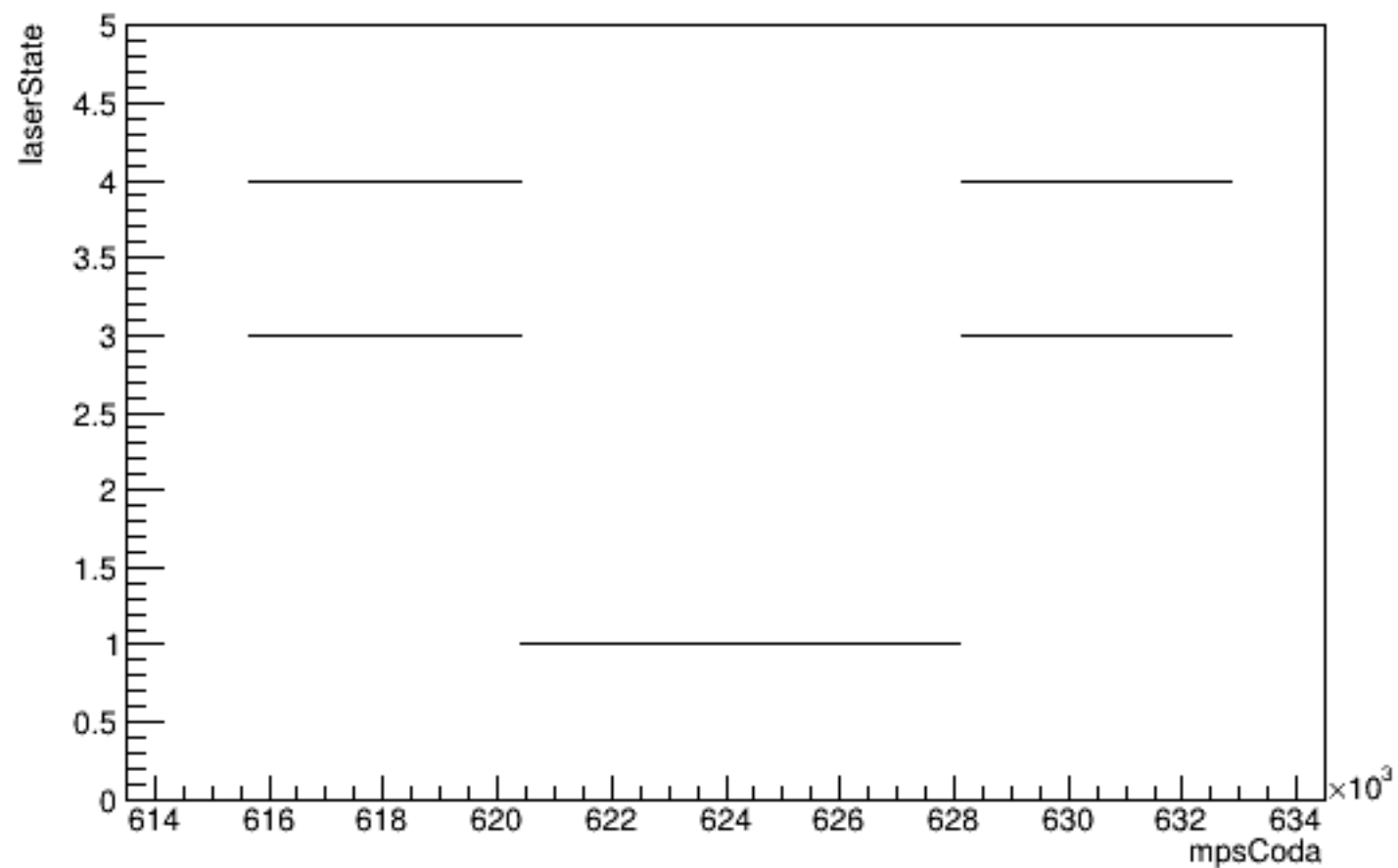
Run 5680 quartetwise, Asyms



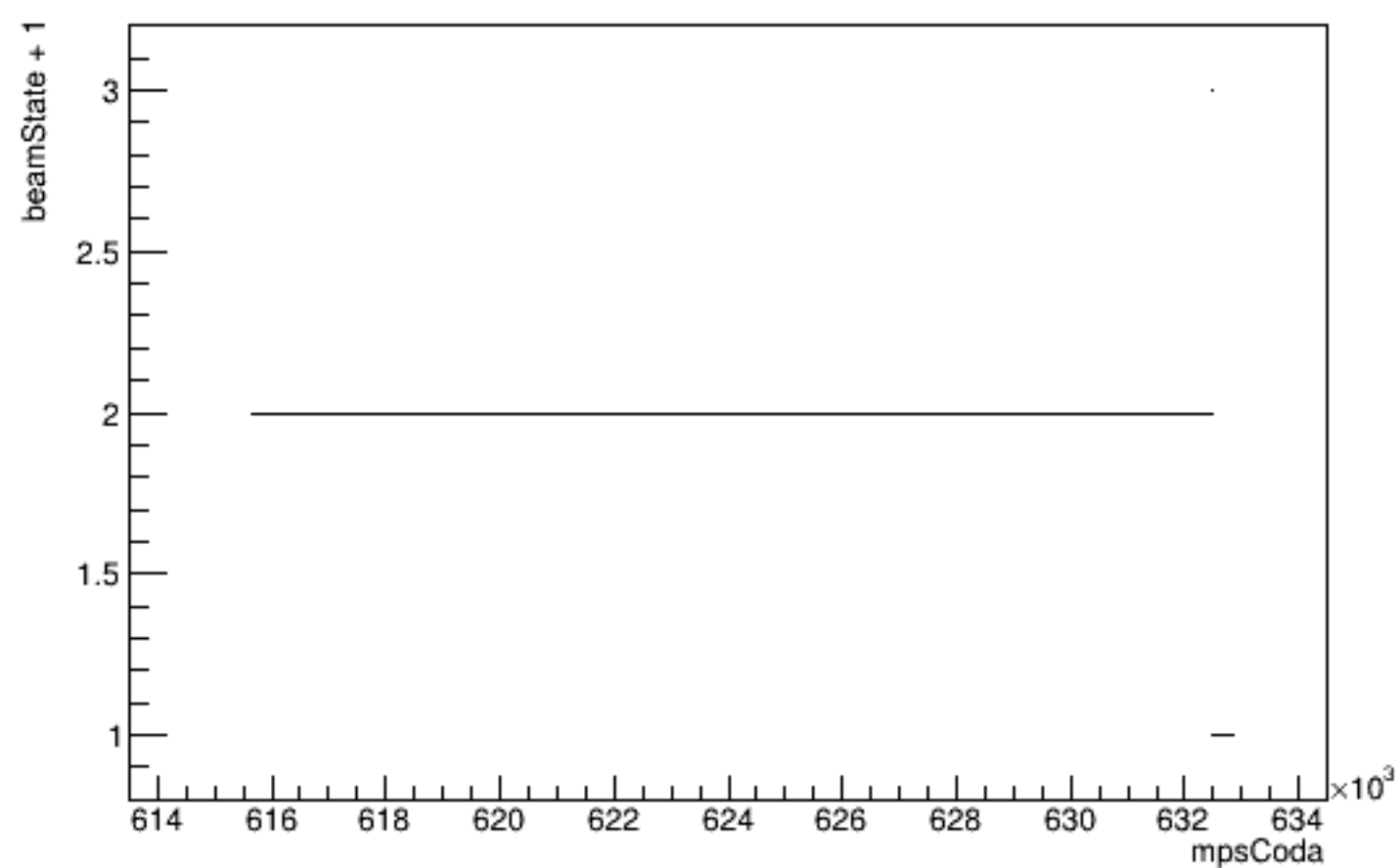
Acc0/NAcc0:mpsCoda (mpsCoda>=615673 && mpsCoda<=632836 && beamState==1)



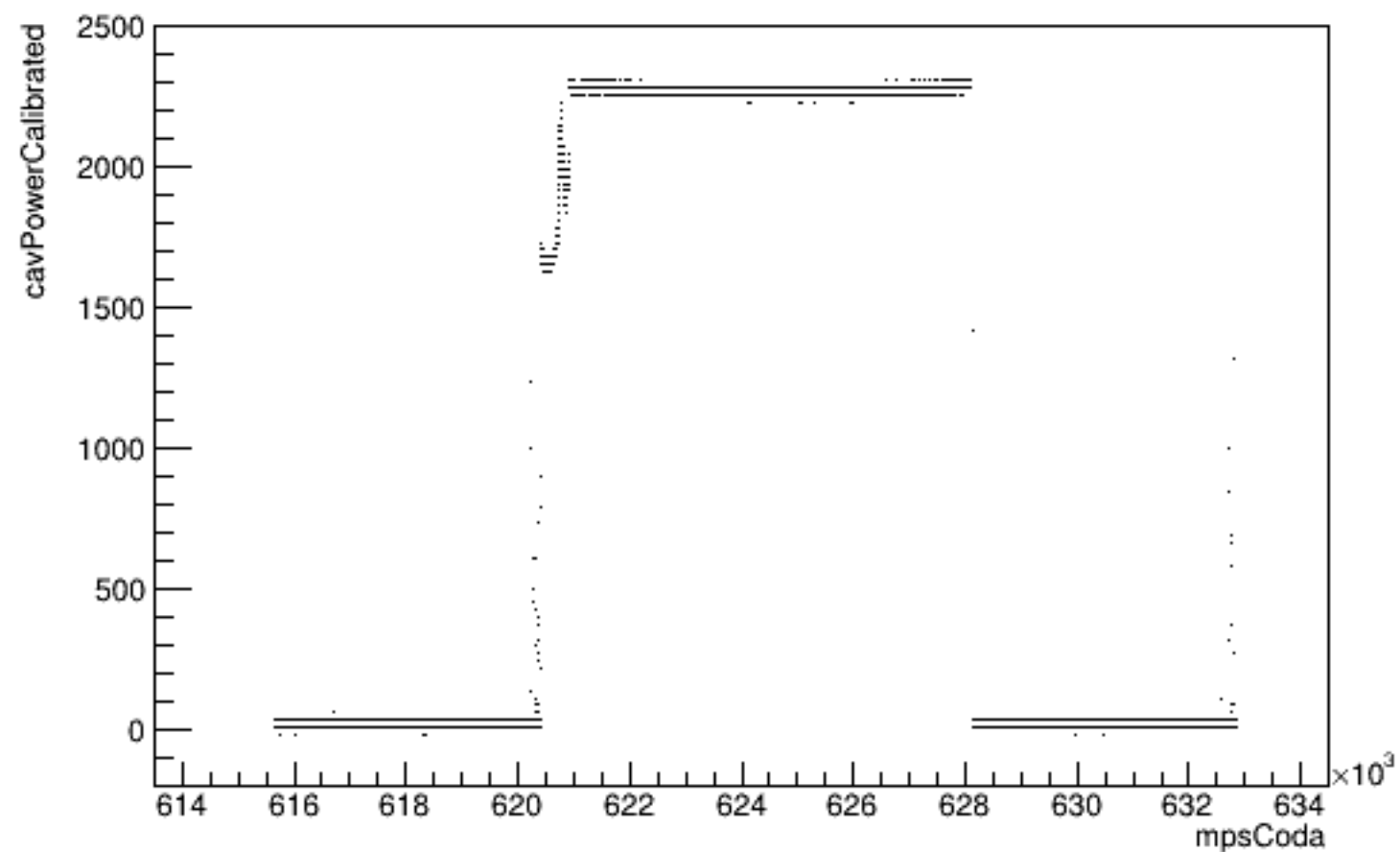
laserState:mpsCoda {mpsCoda>=615673 && mpsCoda<=632836}



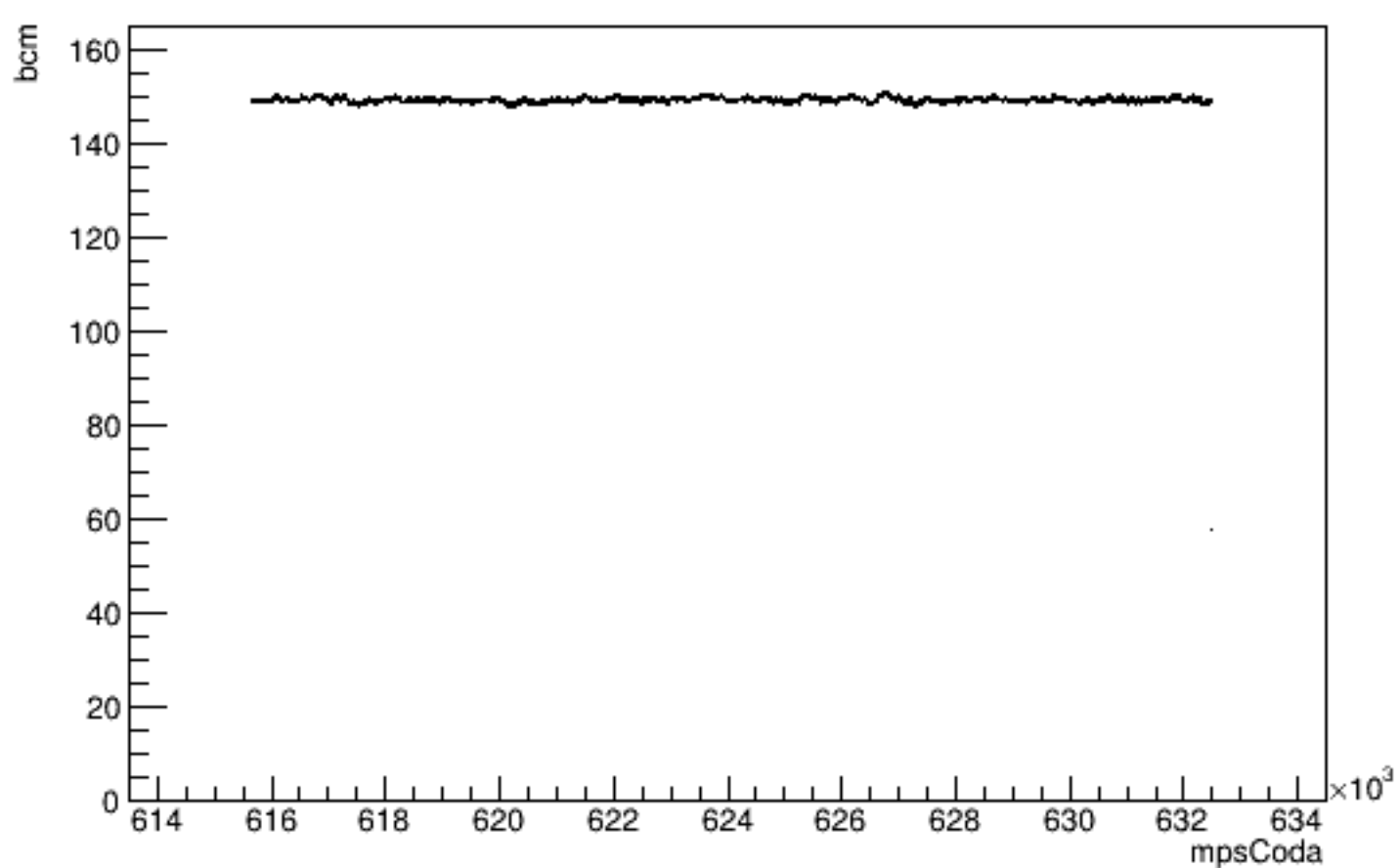
beamState + 1:mpsCoda {mpsCoda>=615673 && mpsCoda<=632836}



cavPowerCalibrated:mpsCoda {mpsCoda>=615673 && mpsCoda<=632836}



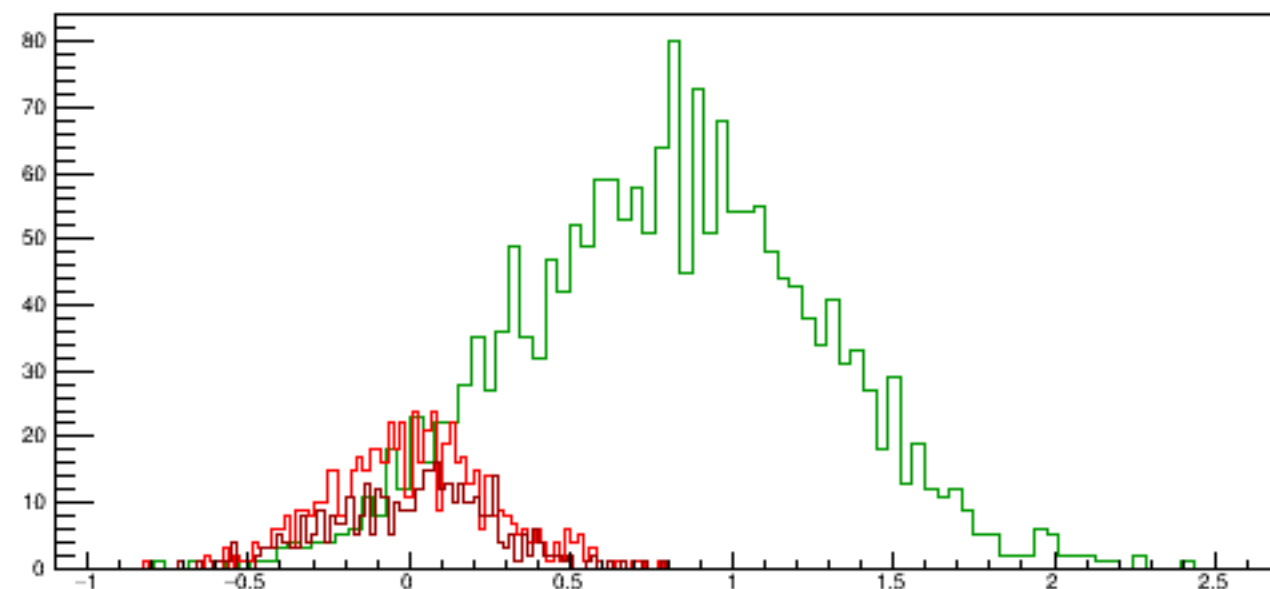
bcm:mpsCoda {mpsCoda>=615673 && mpsCoda<=632836}



Cycle 20, Diffs

Entries: 614	Entries: 1922	Entries: 407
Mean: 0.0007 +/- 0.0100	Mean: 0.8029 +/- 0.0107	Mean: 0.0090 +/- 0.0123
Std Dev: 0.2468 +/- 0.0070	Std Dev: 0.4708 +/- 0.0076	Std Dev: 0.2482 +/- 0.0087

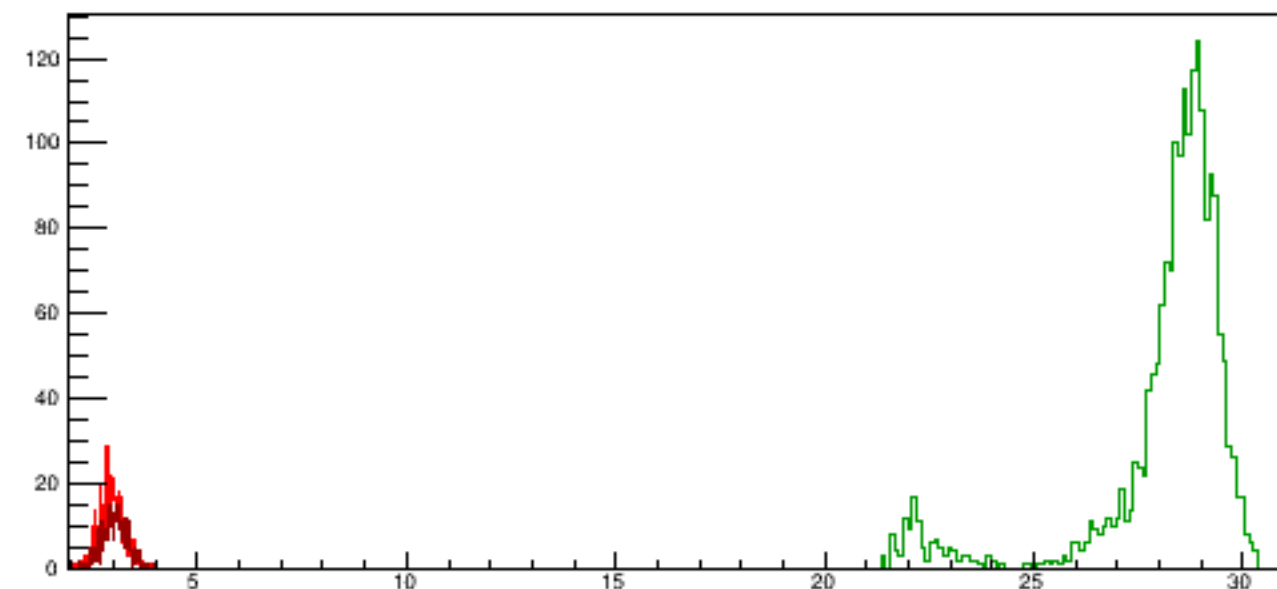
Run 5680 quartetwise, Diffs



Cycle 20, Sums

Entries: 614	Entries: 1922	Entries: 407
Mean: 2.9374 +/- 0.0115	Mean: 28.1692 +/- 0.0389	Mean: 3.0145 +/- 0.0150
Std Dev: 0.2837 +/- 0.0081	Std Dev: 1.7045 +/- 0.0275	Std Dev: 0.3018 +/- 0.0106

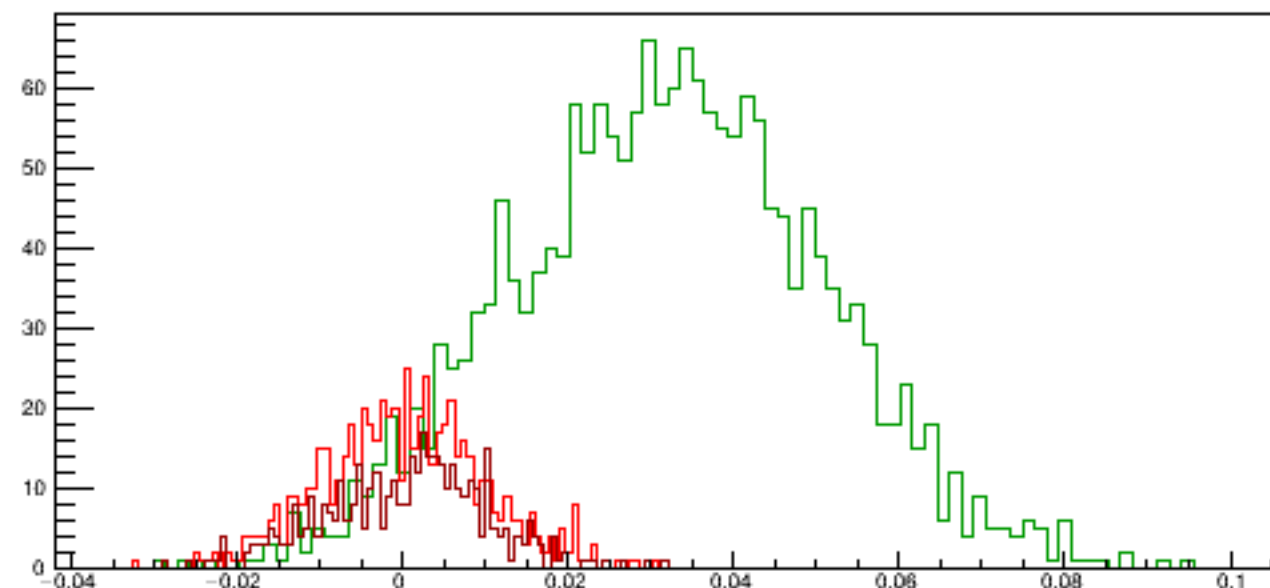
Run 5680 quartetwise, Sums



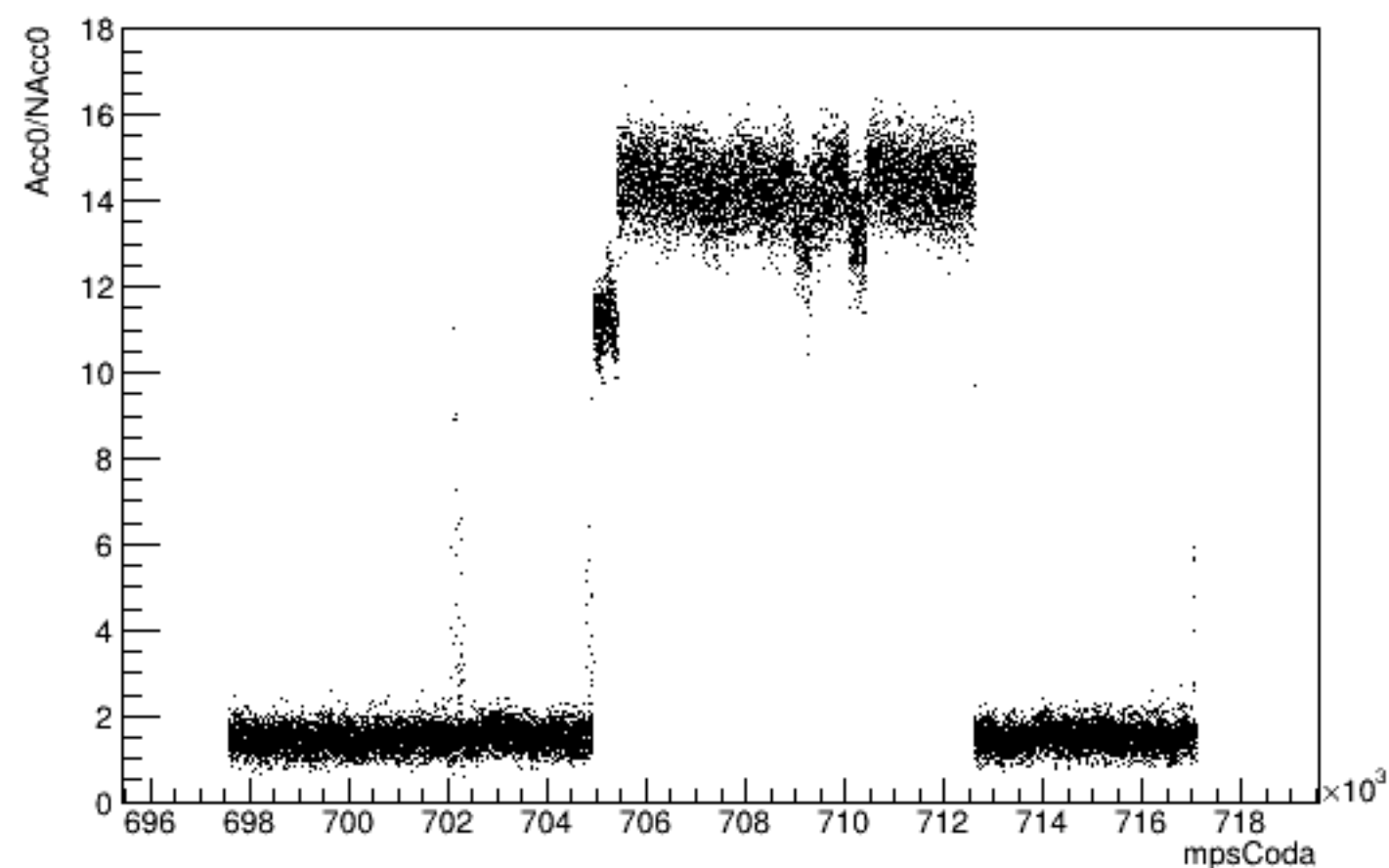
Cycle 20, Asyms

Entries: 614	Entries: 1922	Entries: 407
Mean: 0.0000 +/- 0.0004	Mean: 0.0319 +/- 0.0004	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0098 +/- 0.0003	Std Dev: 0.0187 +/- 0.0003	Std Dev: 0.0099 +/- 0.0003

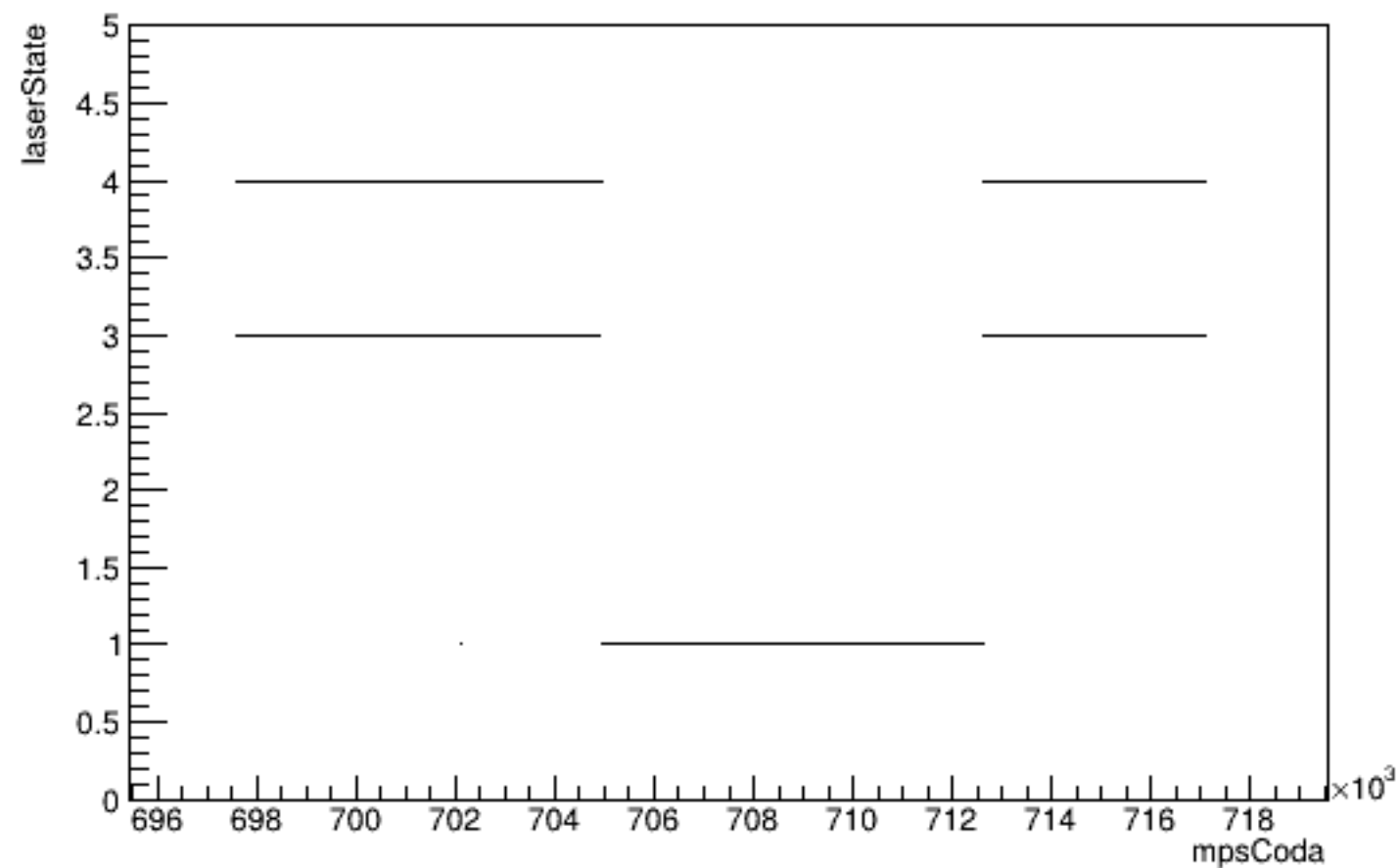
Run 5680 quartetwise, Asyms



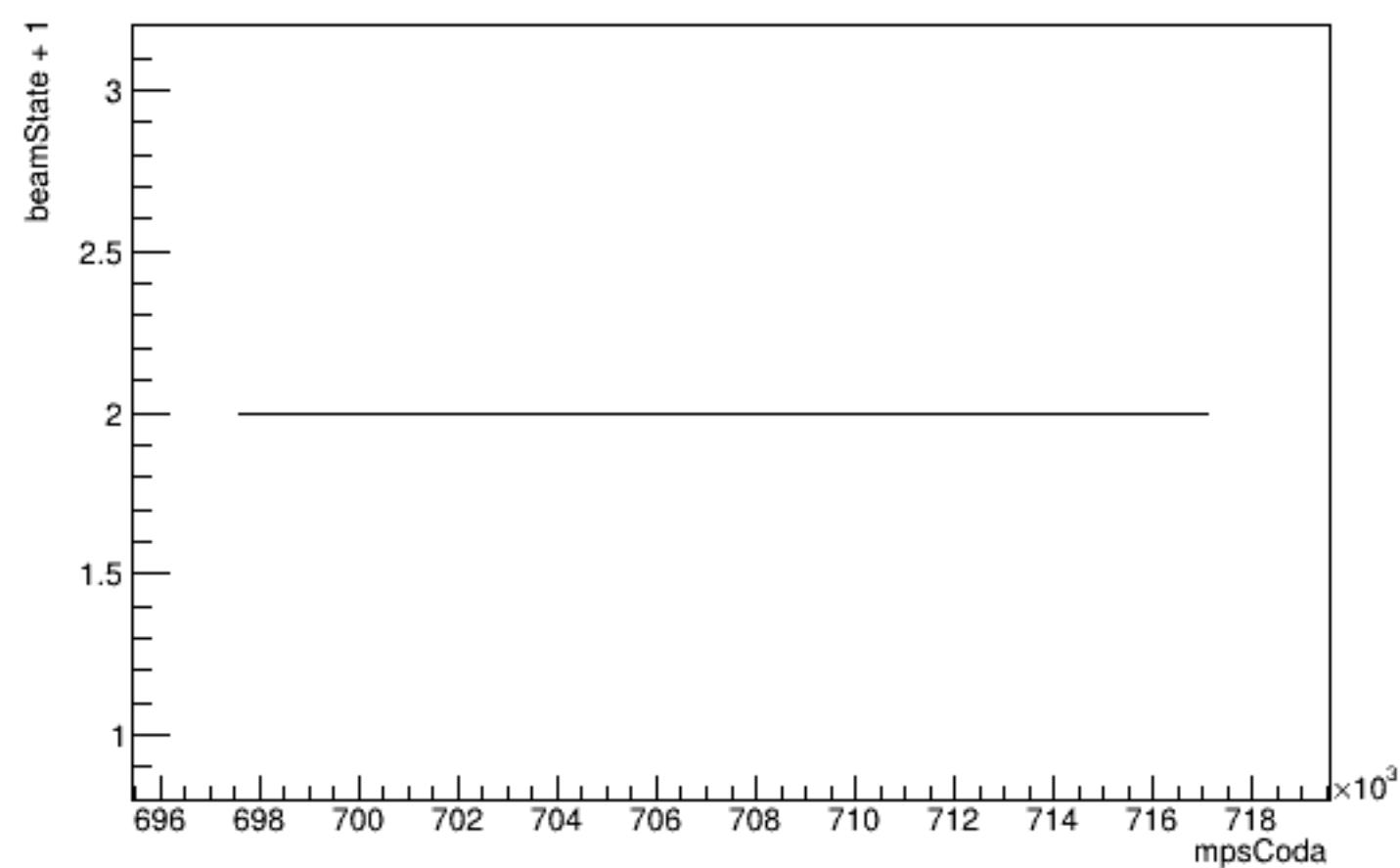
Acc0/NAcc0:mpsCoda (mpsCoda>=697585 && mpsCoda<=717096 && beamState==1)



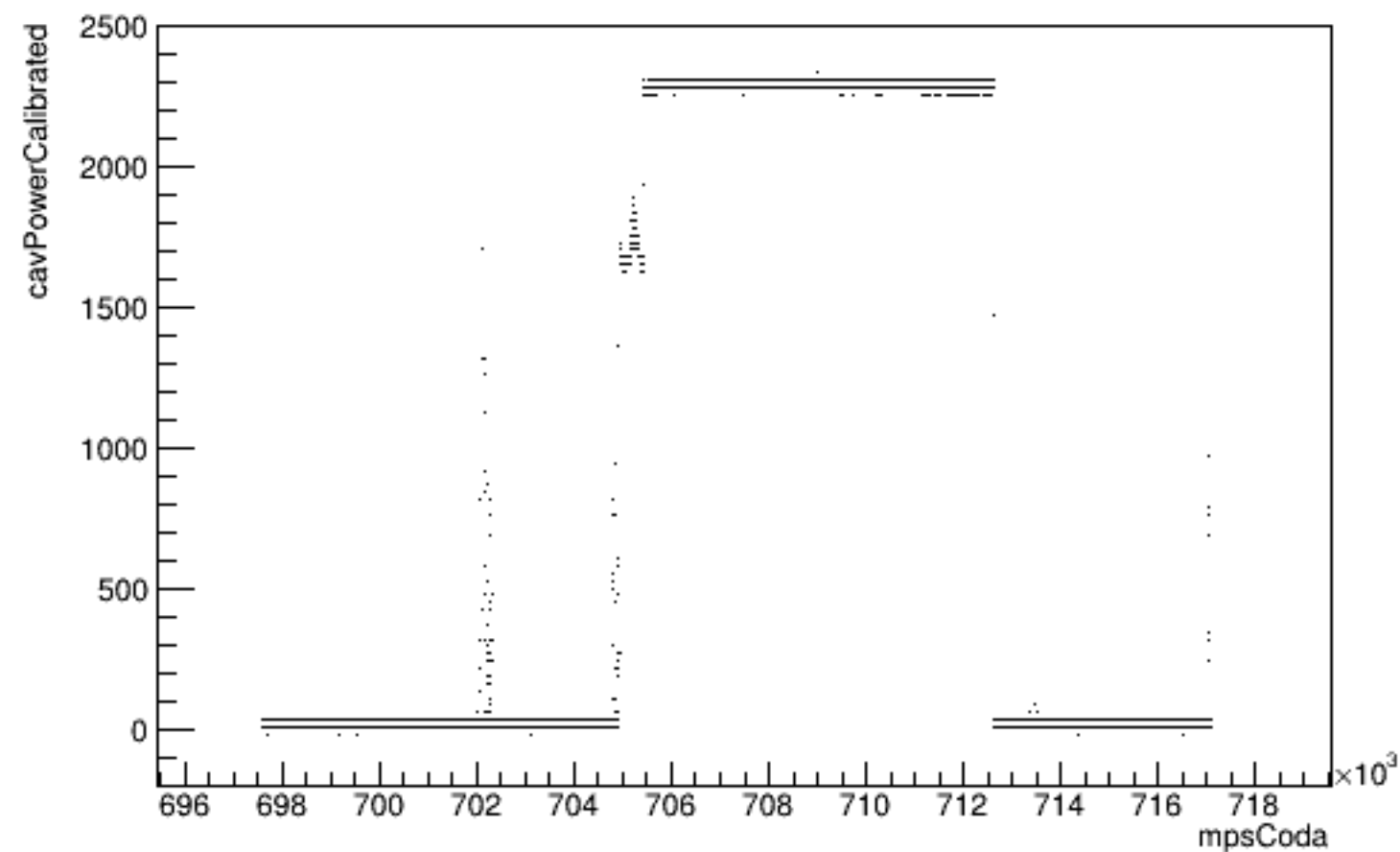
laserState:mpsCoda {mpsCoda>=697585 && mpsCoda<=717096}



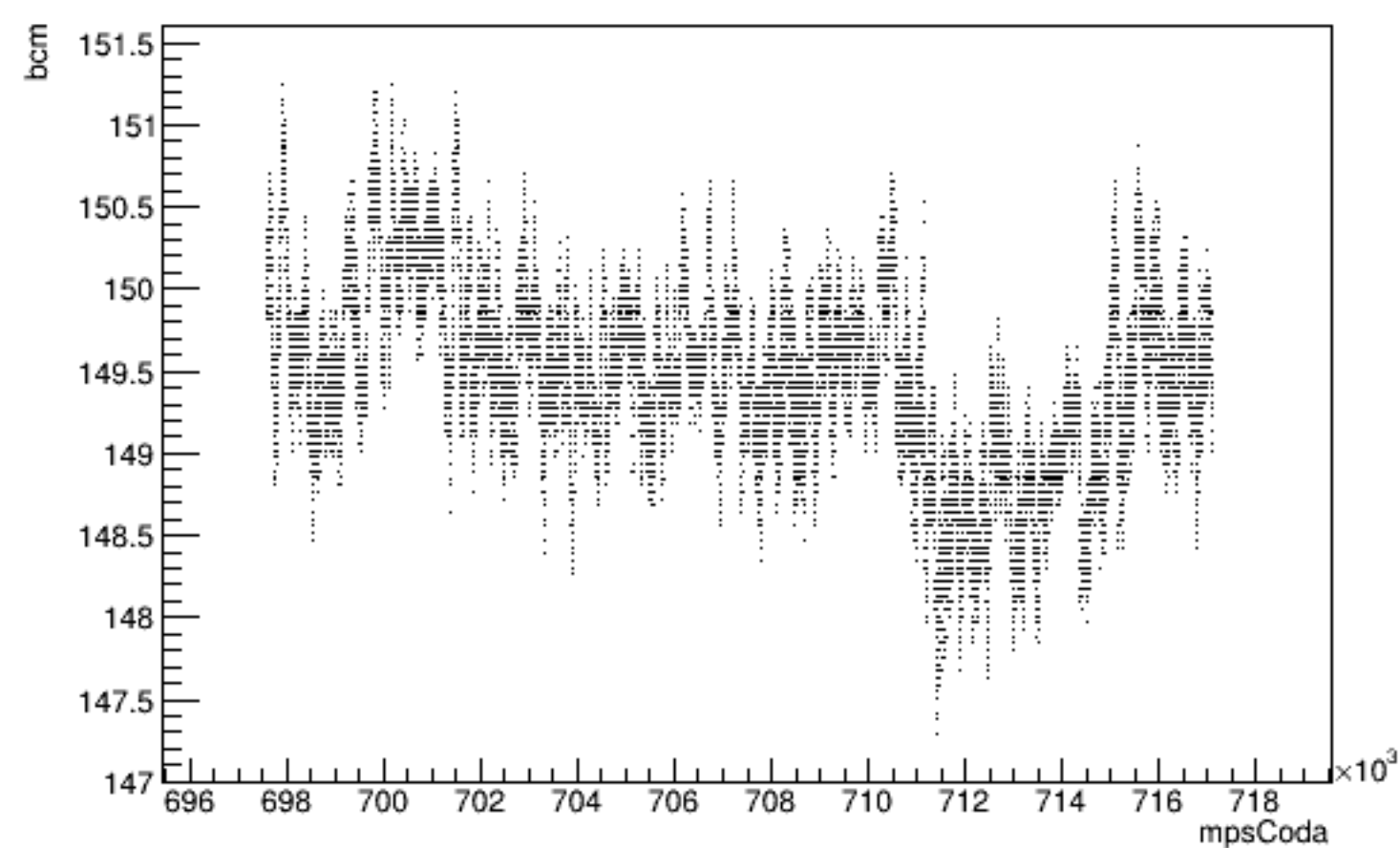
beamState + 1:mpsCoda {mpsCoda>=697585 && mpsCoda<=717096}



cavPowerCalibrated:mpsCoda {mpsCoda>=697585 && mpsCoda<=717096}



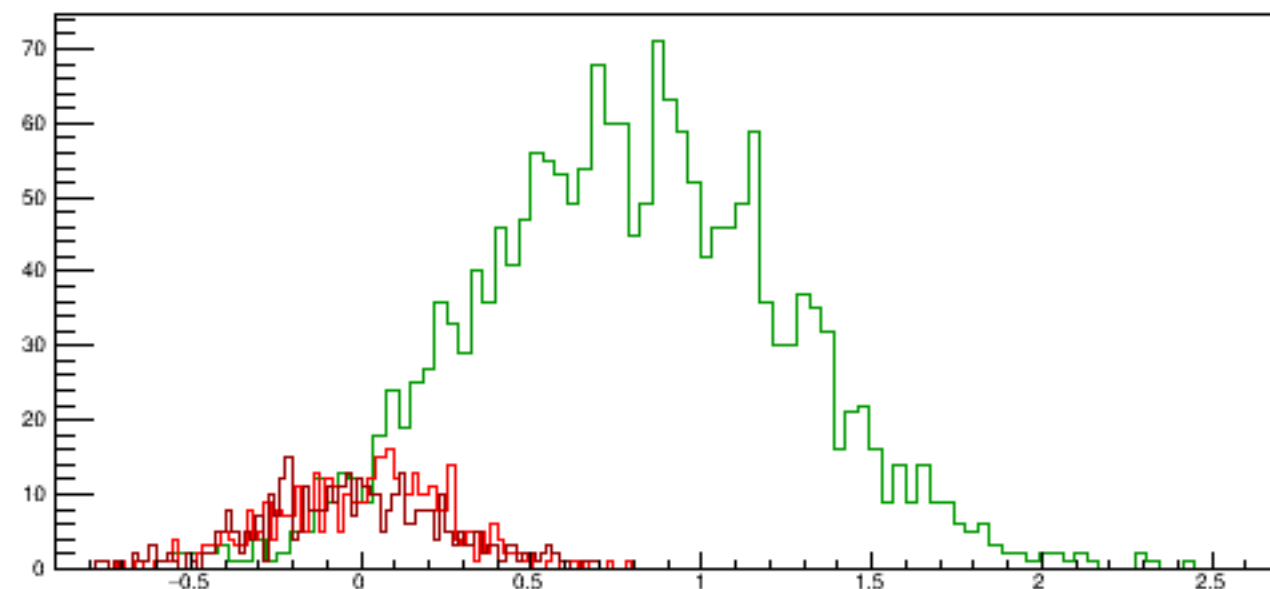
bcm:mpsCoda {mpsCoda>=697585 && mpsCoda<=717096}



Cycle 21, Diffs

Entries: 407	Entries: 1919	Entries: 389
Mean: 0.0090 +/- 0.0123	Mean: 0.7904 +/- 0.0104	Mean: -0.0264 +/- 0.0139
Std Dev: 0.2482 +/- 0.0087	Std Dev: 0.4578 +/- 0.0074	Std Dev: 0.2734 +/- 0.0098

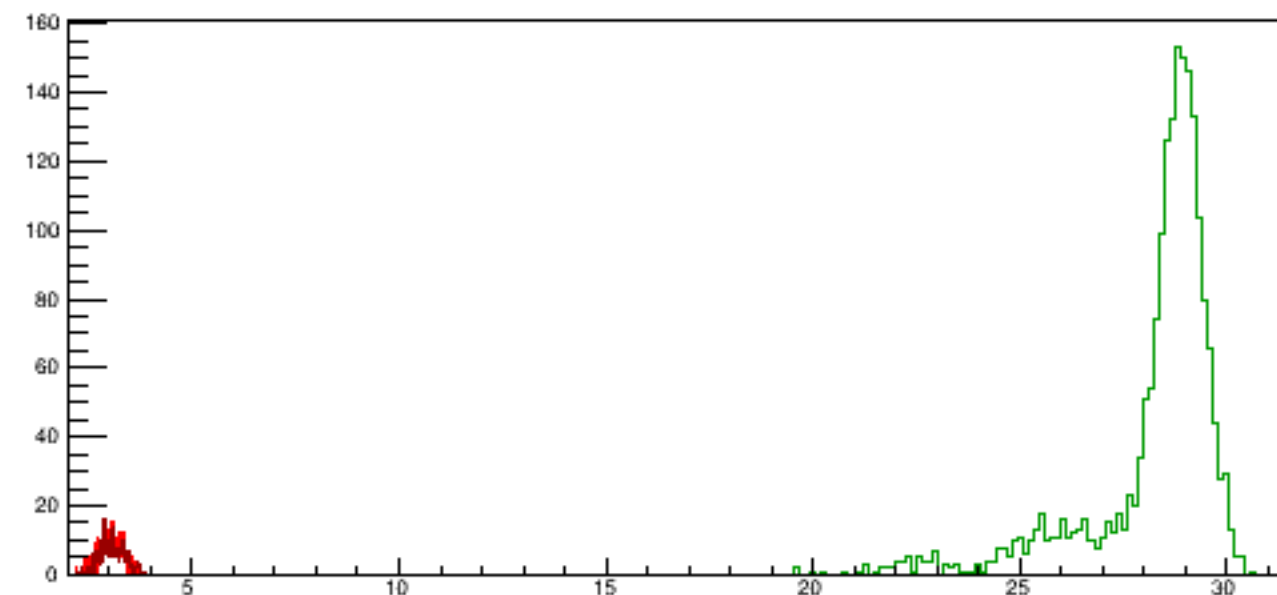
Run 5680 quartetwise, Diffs



Cycle 21, Sums

Entries: 407	Entries: 1919	Entries: 389
Mean: 3.0145 +/- 0.0150	Mean: 28.2521 +/- 0.0365	Mean: 3.0852 +/- 0.0155
Std Dev: 0.3018 +/- 0.0106	Std Dev: 1.5995 +/- 0.0258	Std Dev: 0.3049 +/- 0.0109

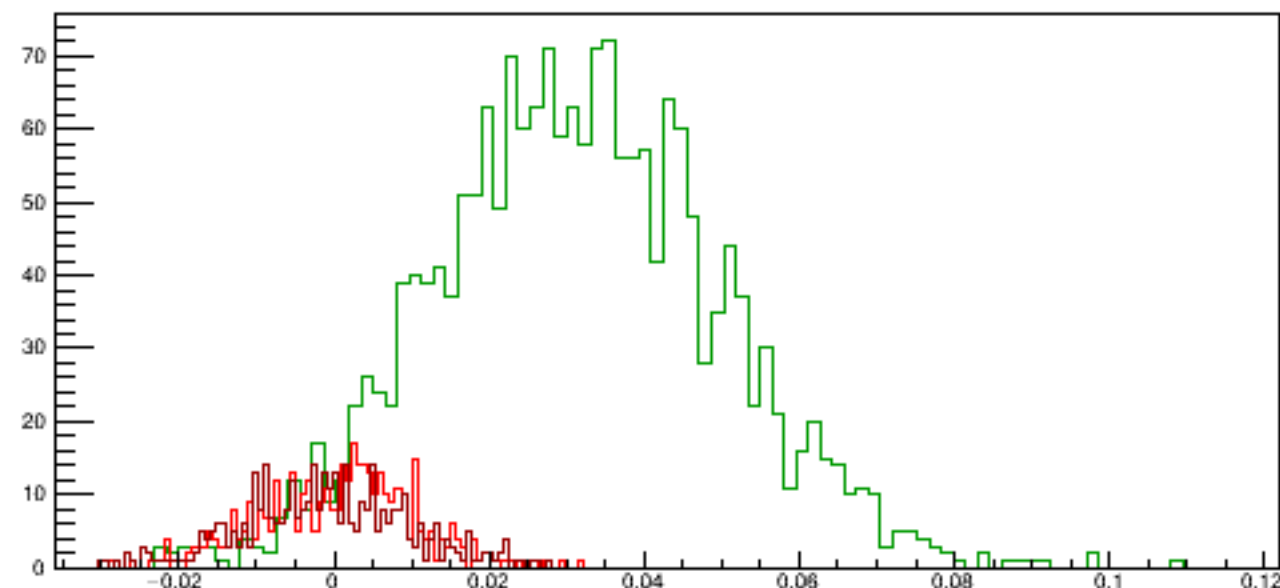
Run 5680 quartetwise, Sums



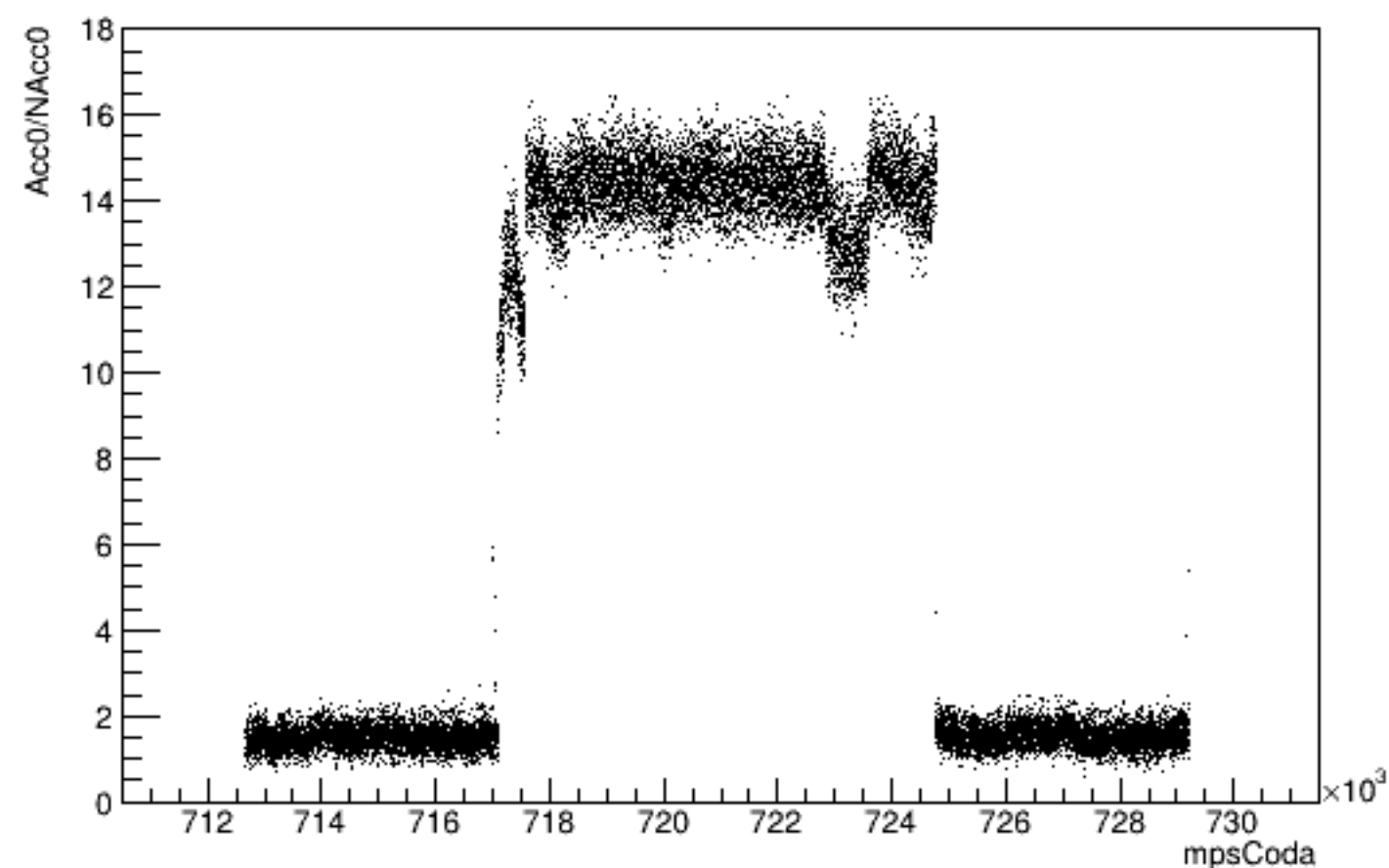
Cycle 21, Asyms

Entries: 407	Entries: 1919	Entries: 389
Mean: 0.0004 +/- 0.0005	Mean: 0.0314 +/- 0.0004	Mean: -0.0010 +/- 0.0005
Std Dev: 0.0098 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0108 +/- 0.0004

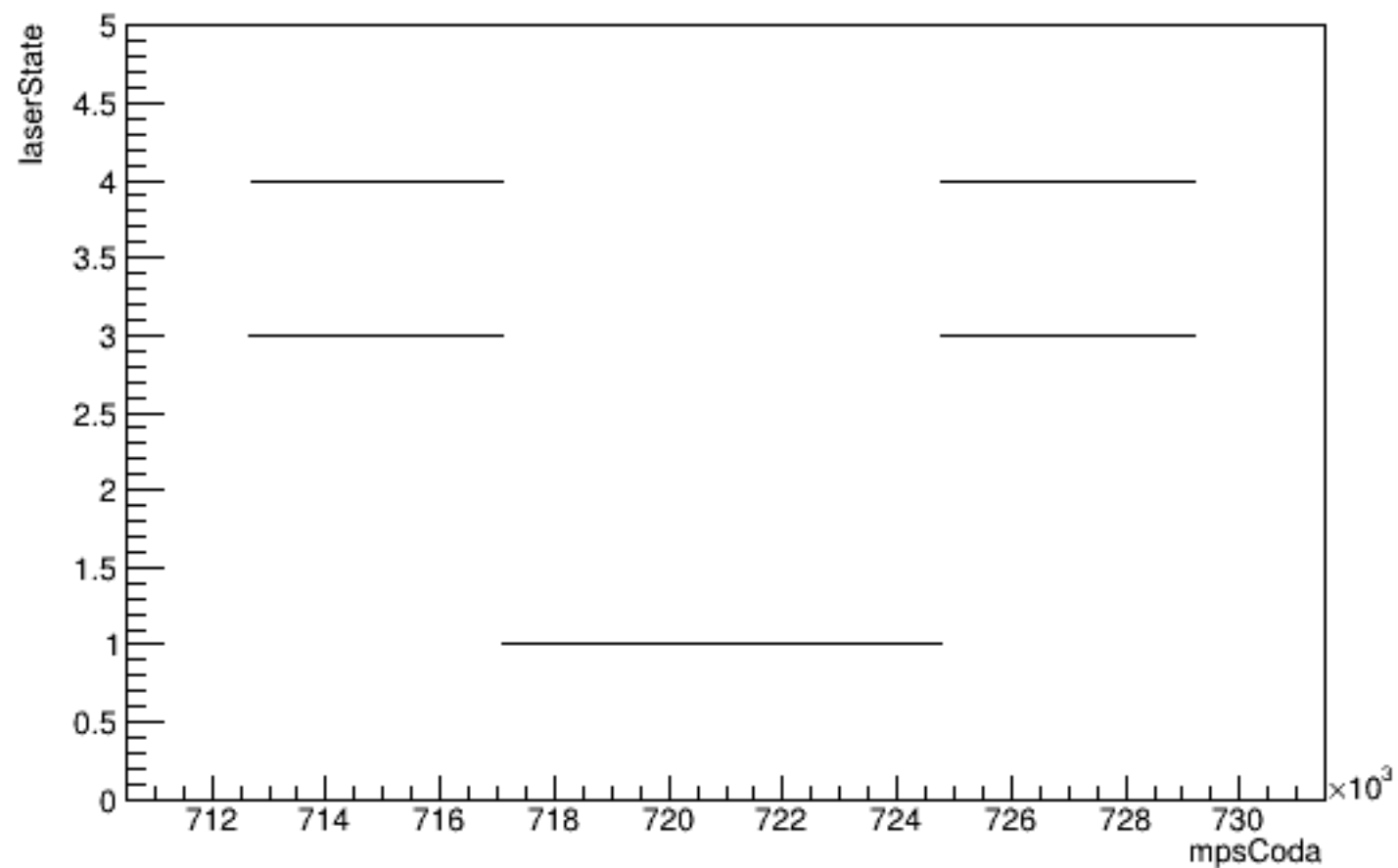
Run 5680 quartetwise, Asyms



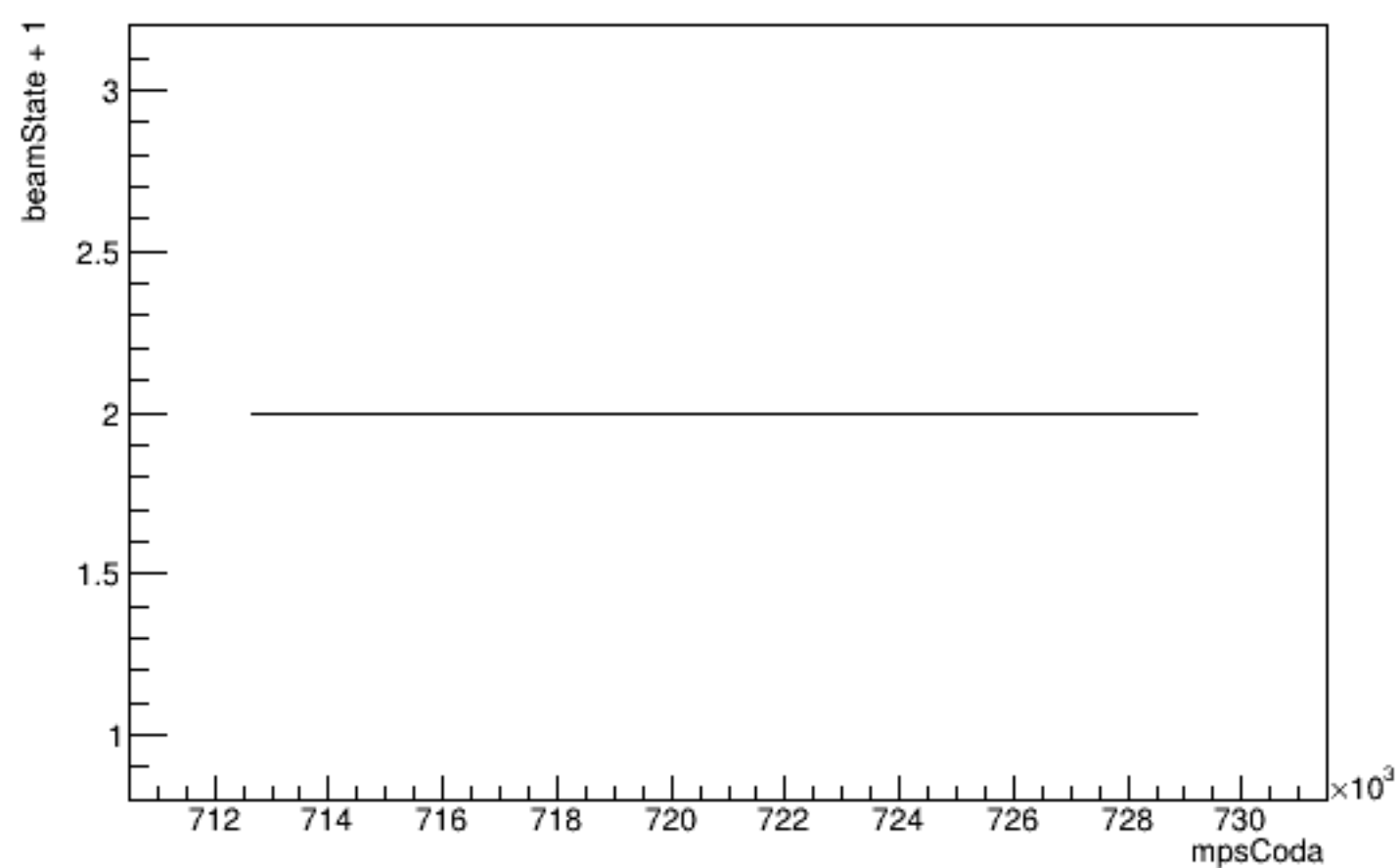
Acc0/NAcc0:mpsCoda (mpsCoda>=712669 && mpsCoda<=729212 && beamState==1)



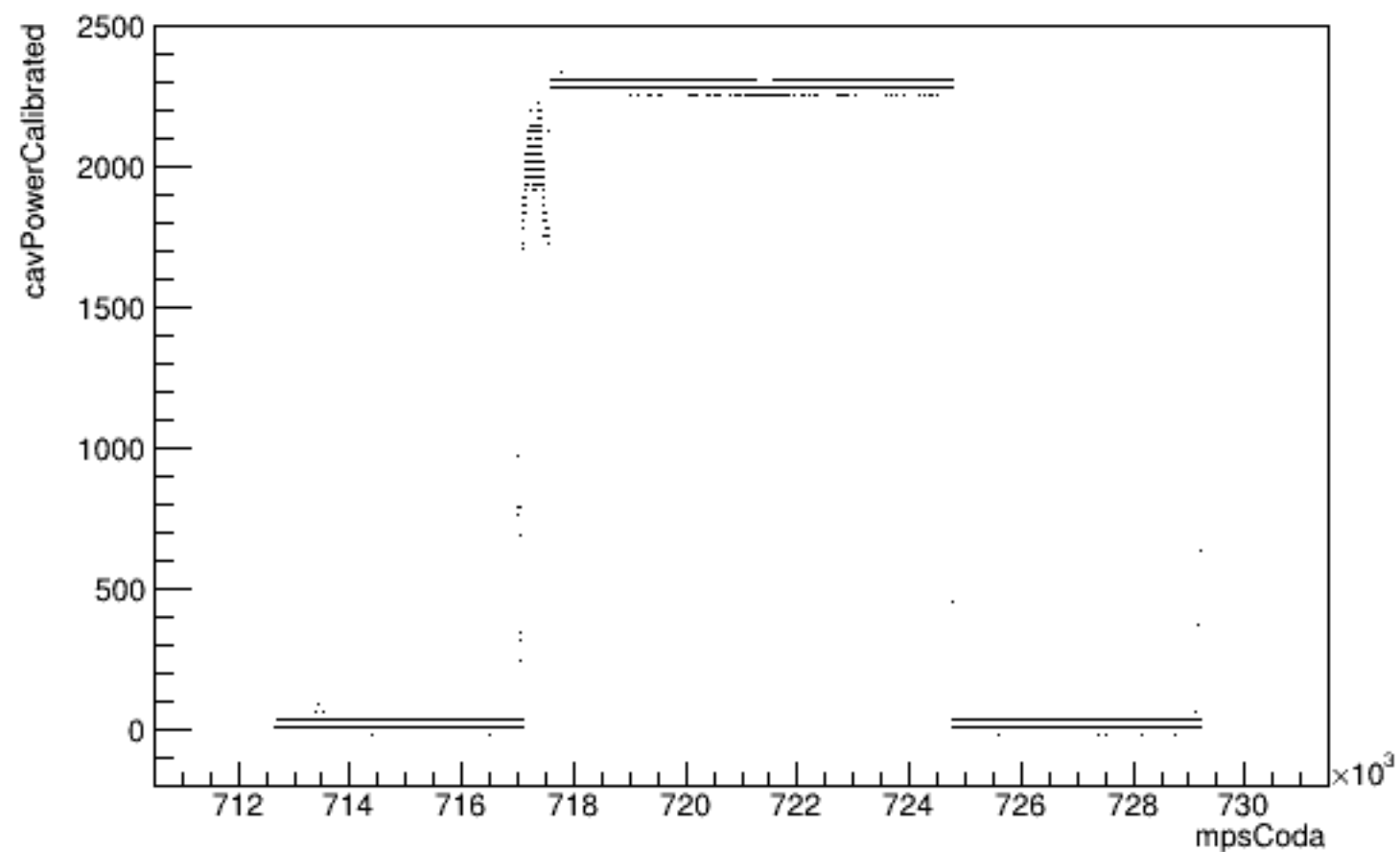
laserState:mpsCoda {mpsCoda>=712669 && mpsCoda<=729212}



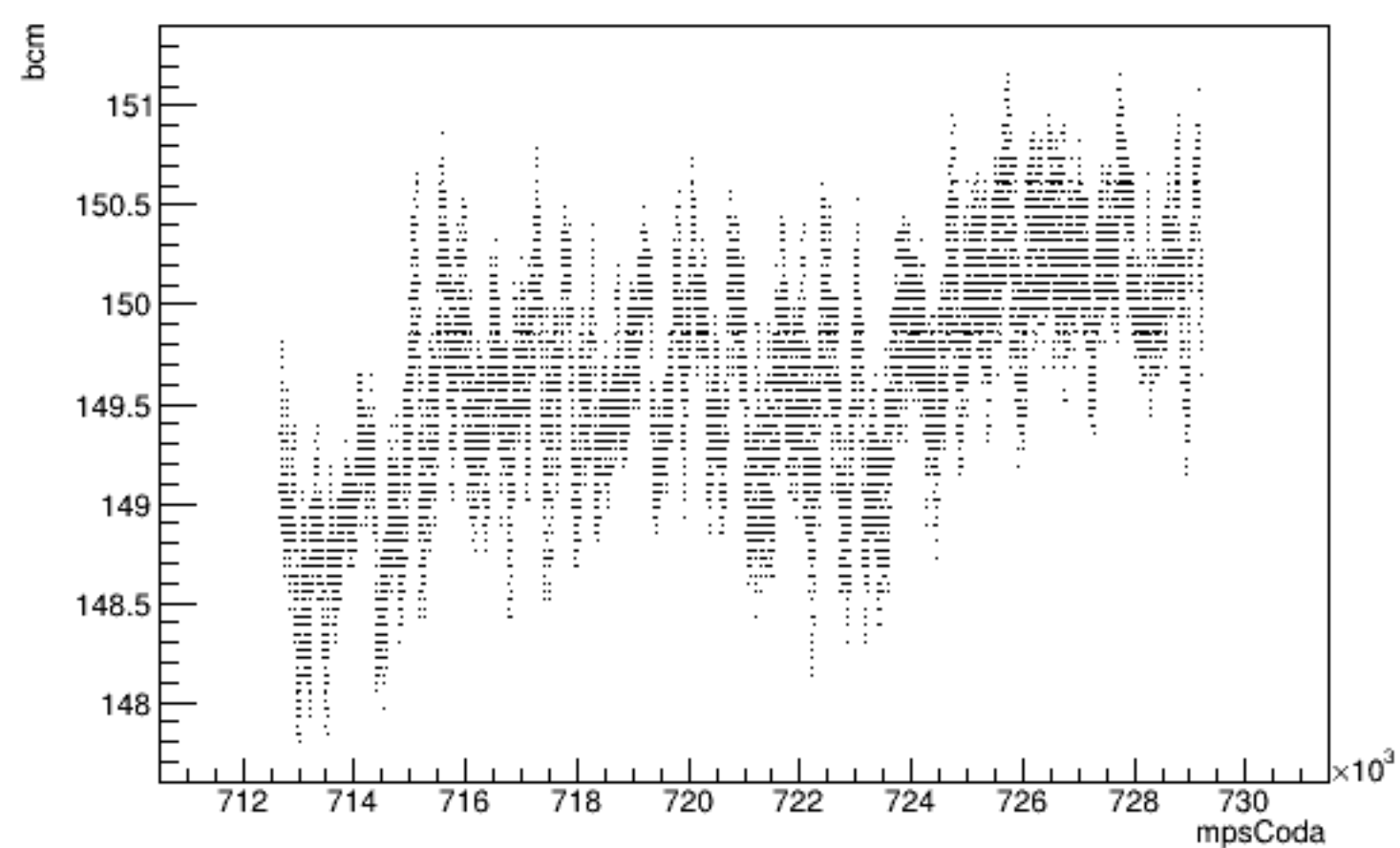
beamState + 1:mpsCoda {mpsCoda>=712669 && mpsCoda<=729212}



cavPowerCalibrated:mpsCoda {mpsCoda>=712669 && mpsCoda<=729212}



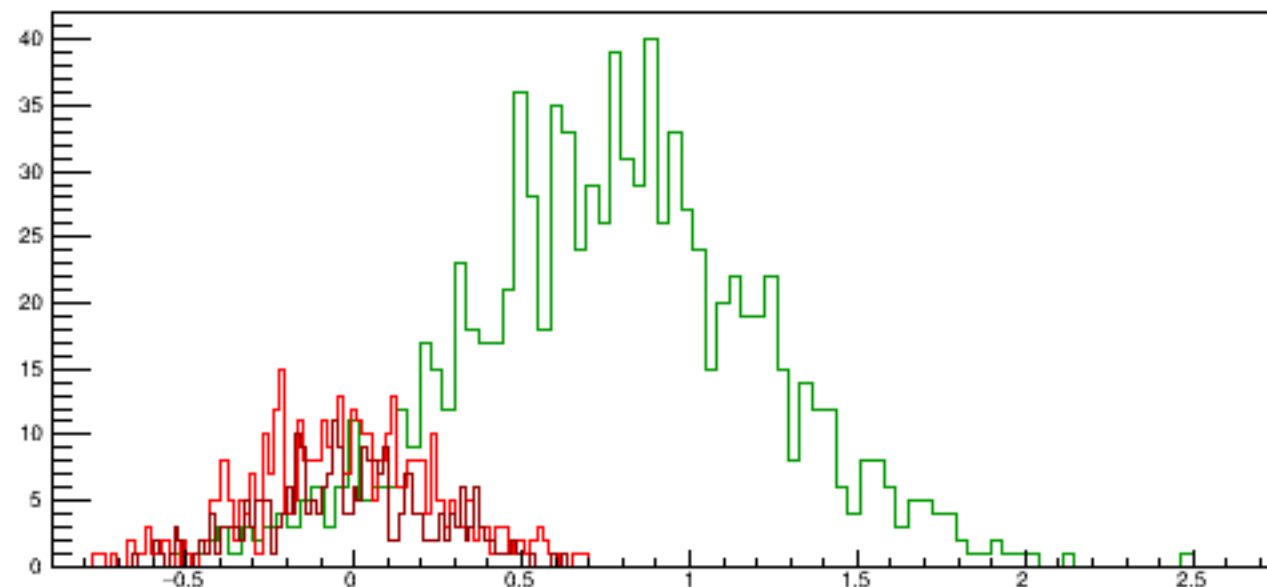
bcm:mpsCoda {mpsCoda>=712669 && mpsCoda<=729212}



Cycle 22, Diffs

Entries: 389	Entries: 952	Entries: 281
Mean: -0.0264 +/- 0.0139	Mean: 0.7679 +/- 0.0147	Mean: -0.0203 +/- 0.0150
Std Dev: 0.2734 +/- 0.0098	Std Dev: 0.4533 +/- 0.0104	Std Dev: 0.2516 +/- 0.0106

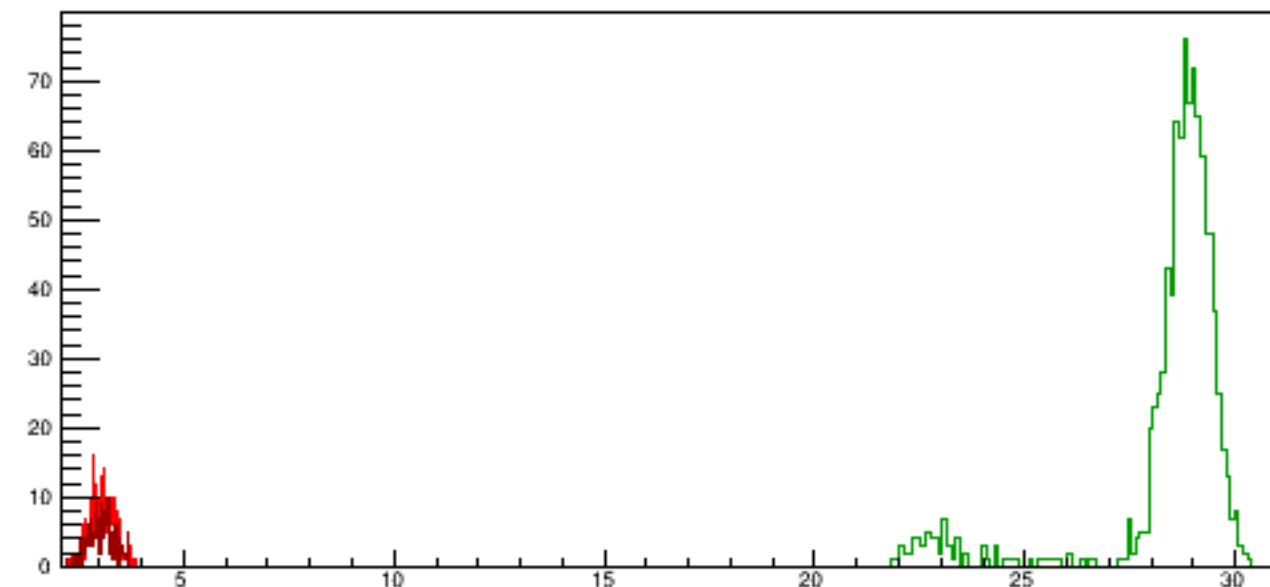
Run 5680 quartetwise, Diffs



Cycle 22, Sums

Entries: 389	Entries: 952	Entries: 281
Mean: 3.0852 +/- 0.0155	Mean: 28.4695 +/- 0.0511	Mean: 3.0540 +/- 0.0180
Std Dev: 0.3049 +/- 0.0109	Std Dev: 1.5754 +/- 0.0361	Std Dev: 0.3024 +/- 0.0128

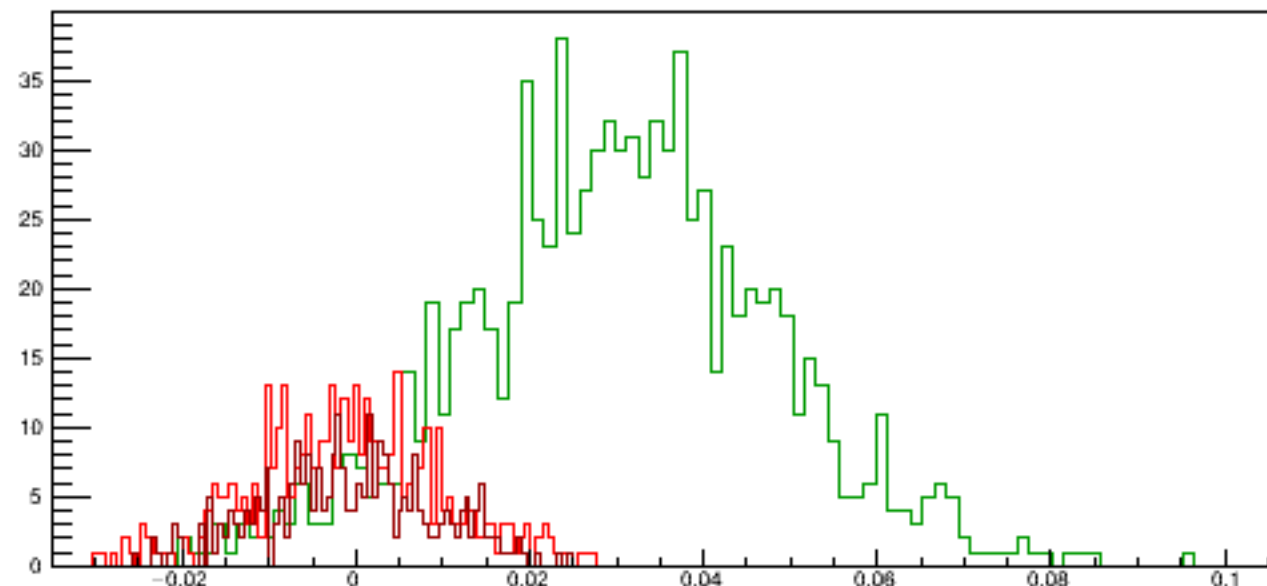
Run 5680 quartetwise, Sums



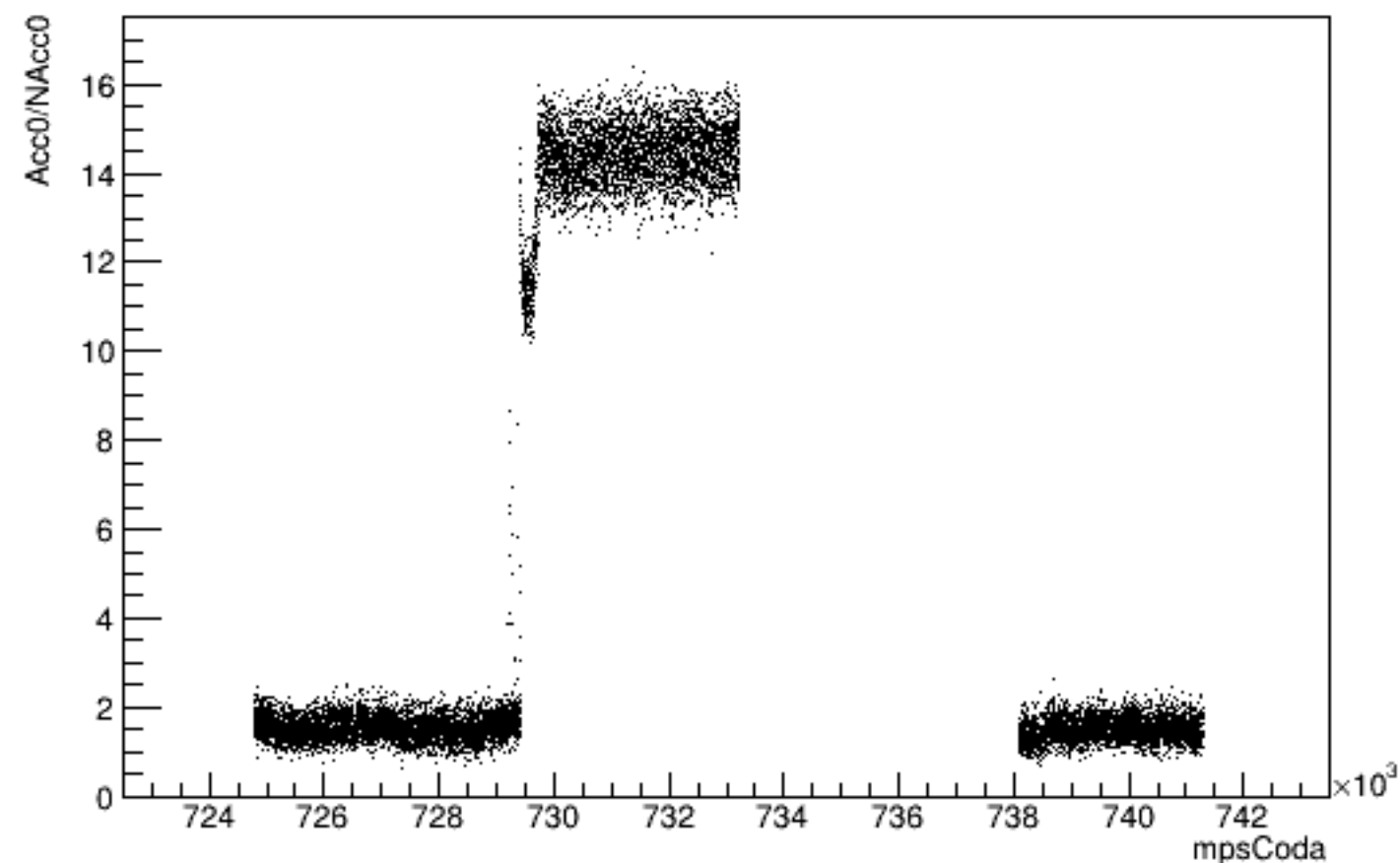
Cycle 22, Asyms

Entries: 389	Entries: 952	Entries: 281
Mean: -0.0010 +/- 0.0005	Mean: 0.0303 +/- 0.0006	Mean: -0.0008 +/- 0.0006
Std Dev: 0.0108 +/- 0.0004	Std Dev: 0.0179 +/- 0.0004	Std Dev: 0.0099 +/- 0.0004

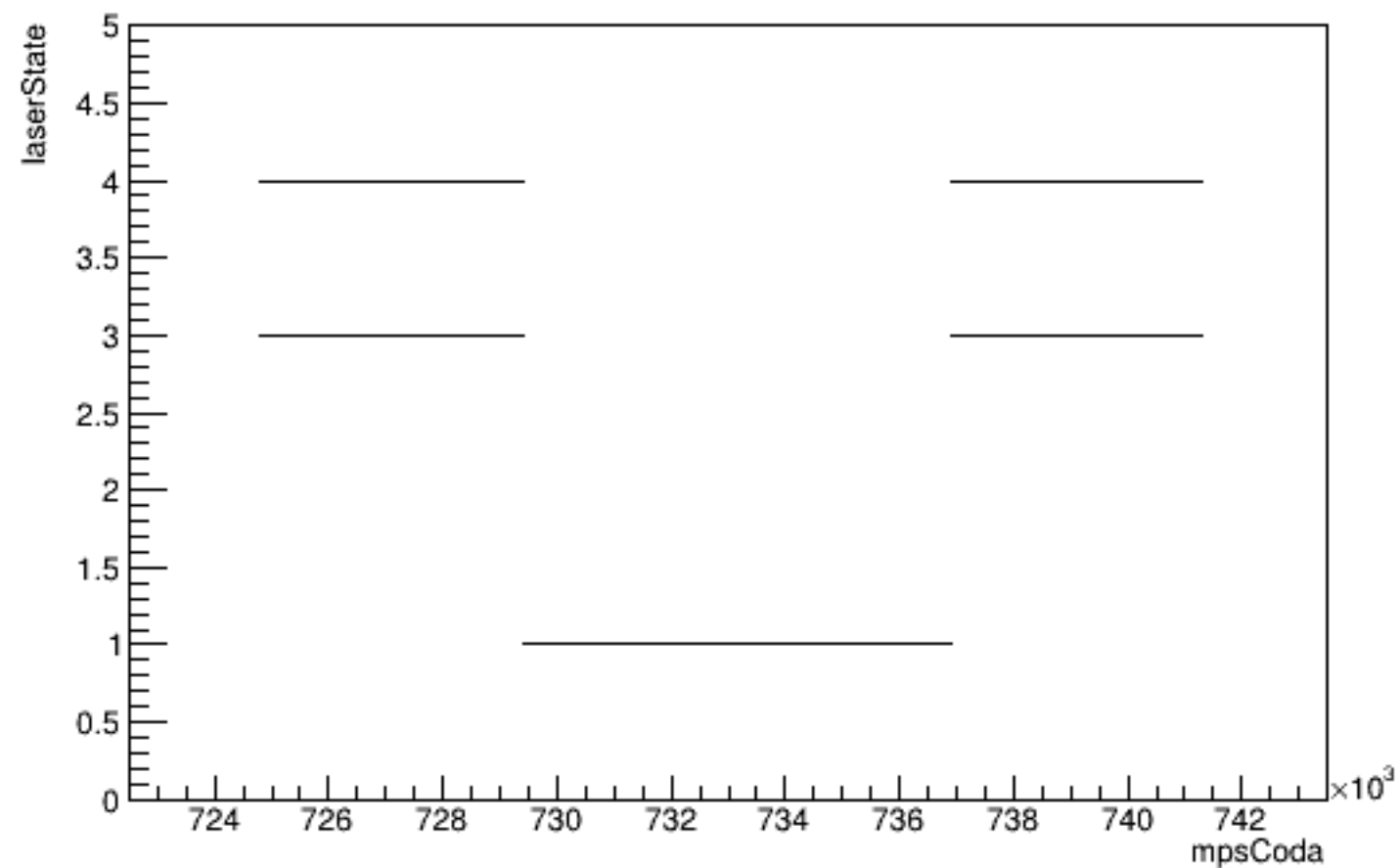
Run 5680 quartetwise, Asyms



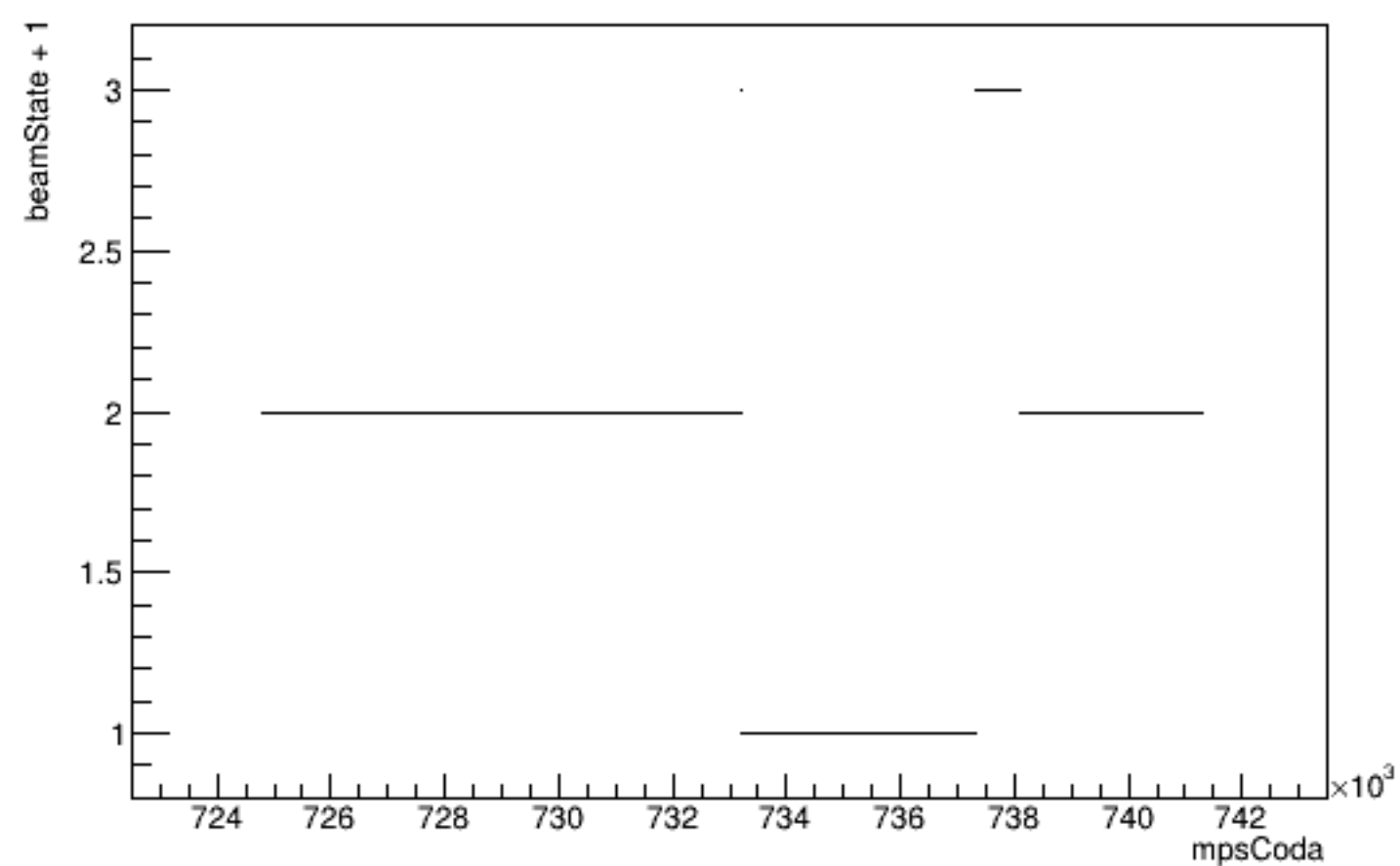
Acc0/NAcc0:mpsCoda (mpsCoda>=724781 && mpsCoda<=741288 && beamState==1)



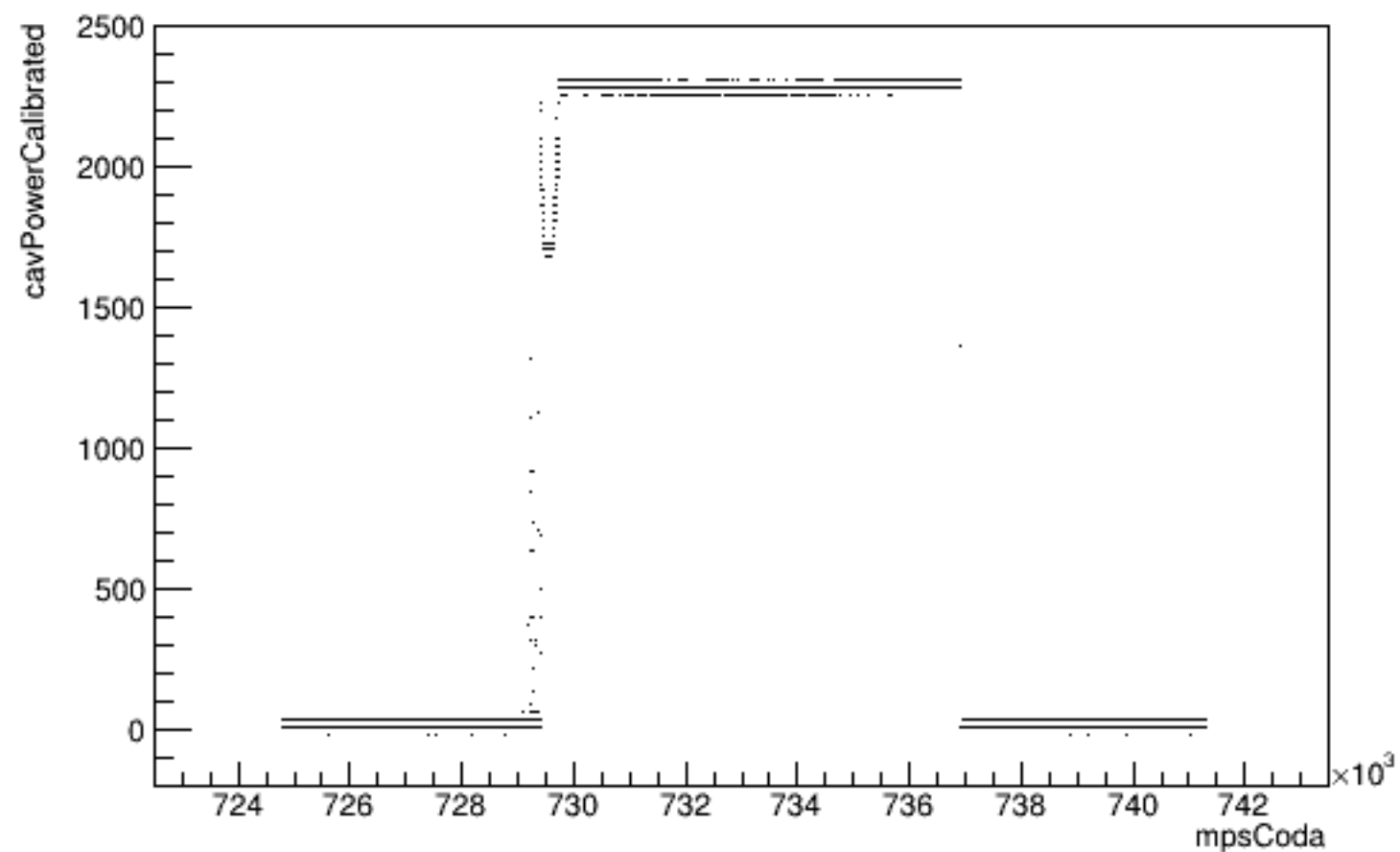
laserState:mpsCoda {mpsCoda>=724781 && mpsCoda<=741288}



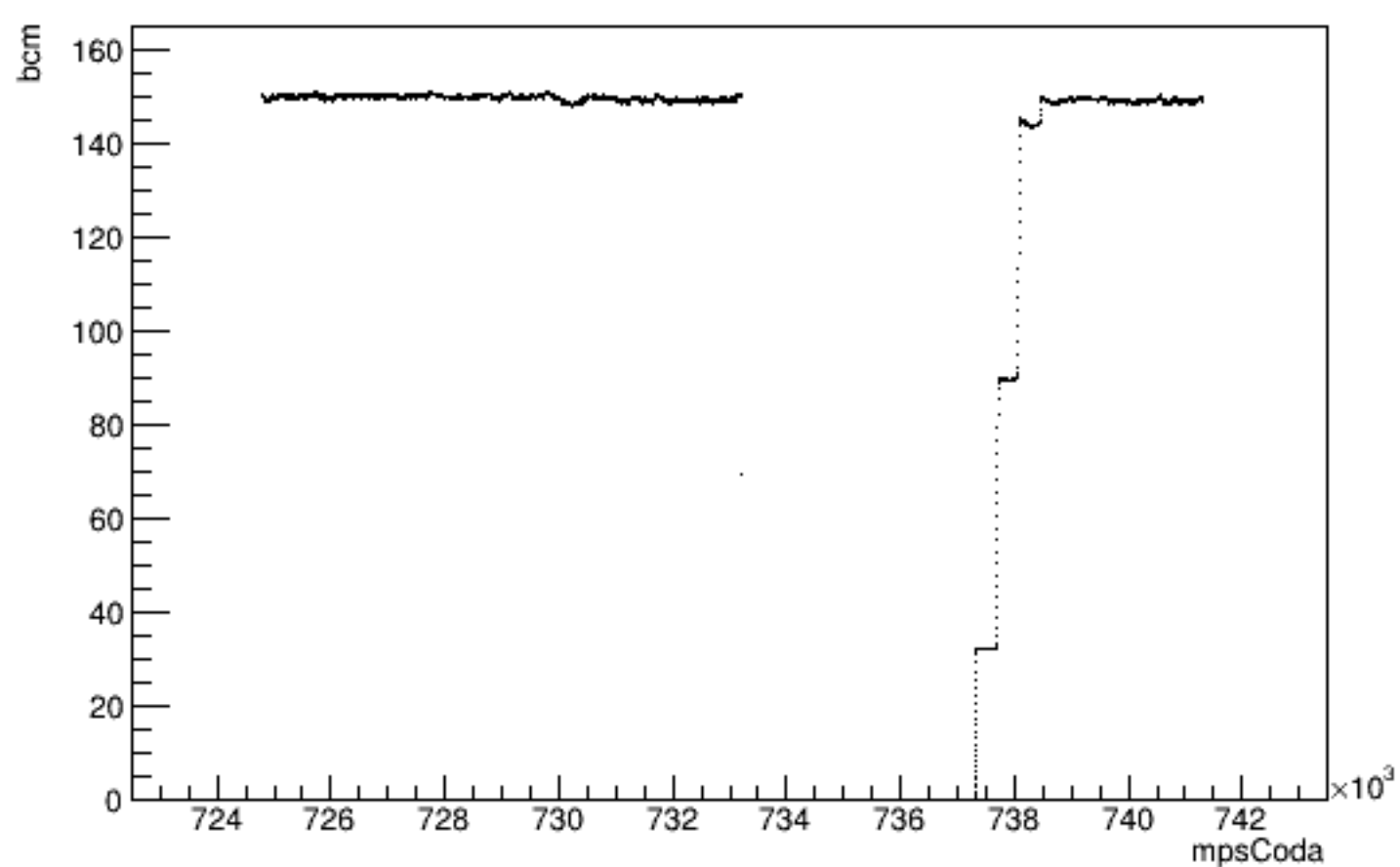
beamState + 1:mpsCoda {mpsCoda>=724781 && mpsCoda<=741288}



cavPowerCalibrated:mpsCoda {mpsCoda>=724781 && mpsCoda<=741288}



bcm:mpsCoda {mpsCoda>=724781 && mpsCoda<=741288}



Cycle 23, Diffs

Entries: 281

Mean: -0.0203 +/- 0.0150

Std Dev: 0.2516 +/- 0.0106

Entries: 1740

Mean: 0.8000 +/- 0.0109

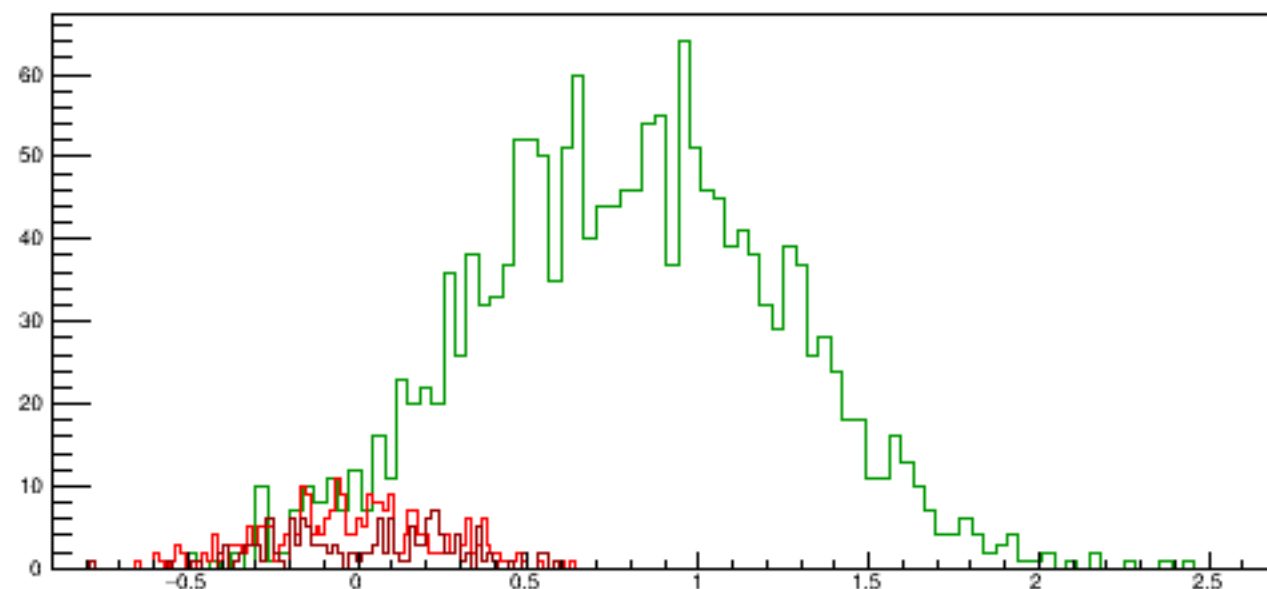
Std Dev: 0.4537 +/- 0.0077

Entries: 151

Mean: 0.0173 +/- 0.0214

Std Dev: 0.2628 +/- 0.0151

Run 5680 quartetwise, Diffs



Cycle 23, Sums

Entries: 281

Mean: 3.0540 +/- 0.0180

Std Dev: 0.3024 +/- 0.0128

Entries: 1740

Mean: 28.8136 +/- 0.0304

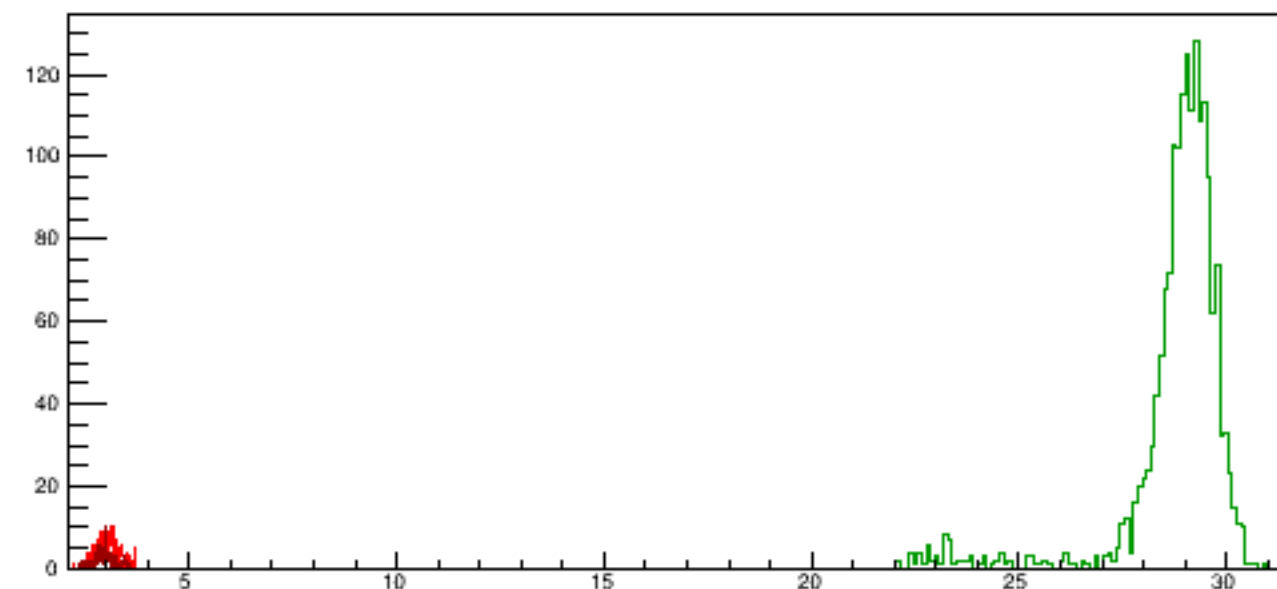
Std Dev: 1.2664 +/- 0.0215

Entries: 151

Mean: 2.9579 +/- 0.0220

Std Dev: 0.2709 +/- 0.0156

Run 5680 quartetwise, Sums



Cycle 23, Asyms

Entries: 281

Mean: -0.0008 +/- 0.0006

Std Dev: 0.0097 +/- 0.0004

Entries: 1740

Mean: 0.0310 +/- 0.0004

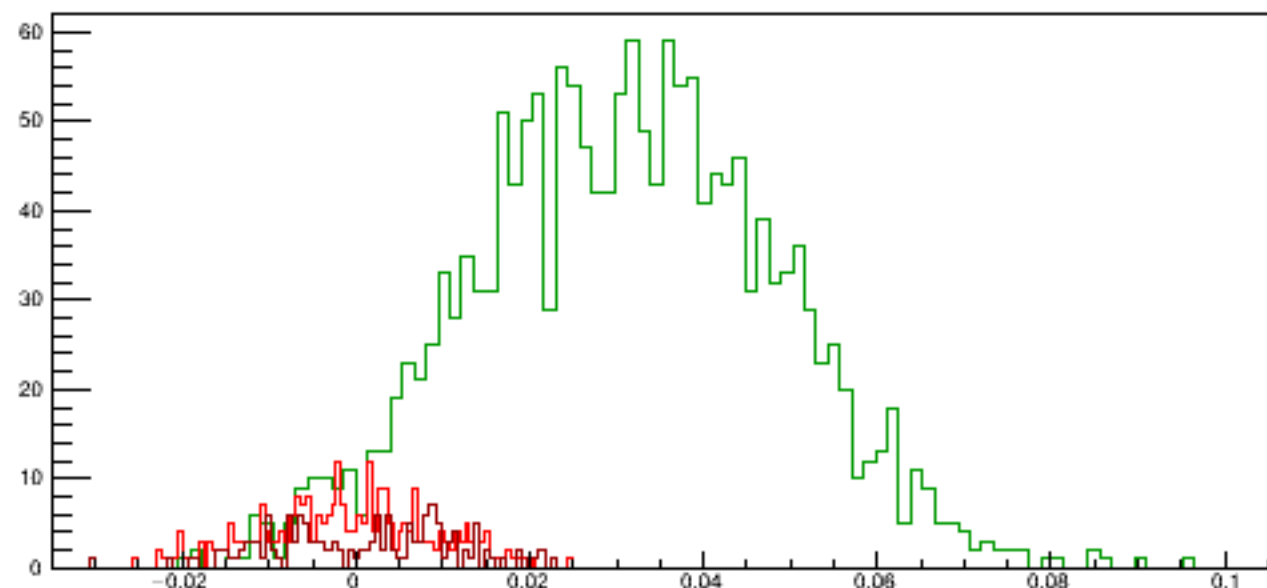
Std Dev: 0.0175 +/- 0.0003

Entries: 151

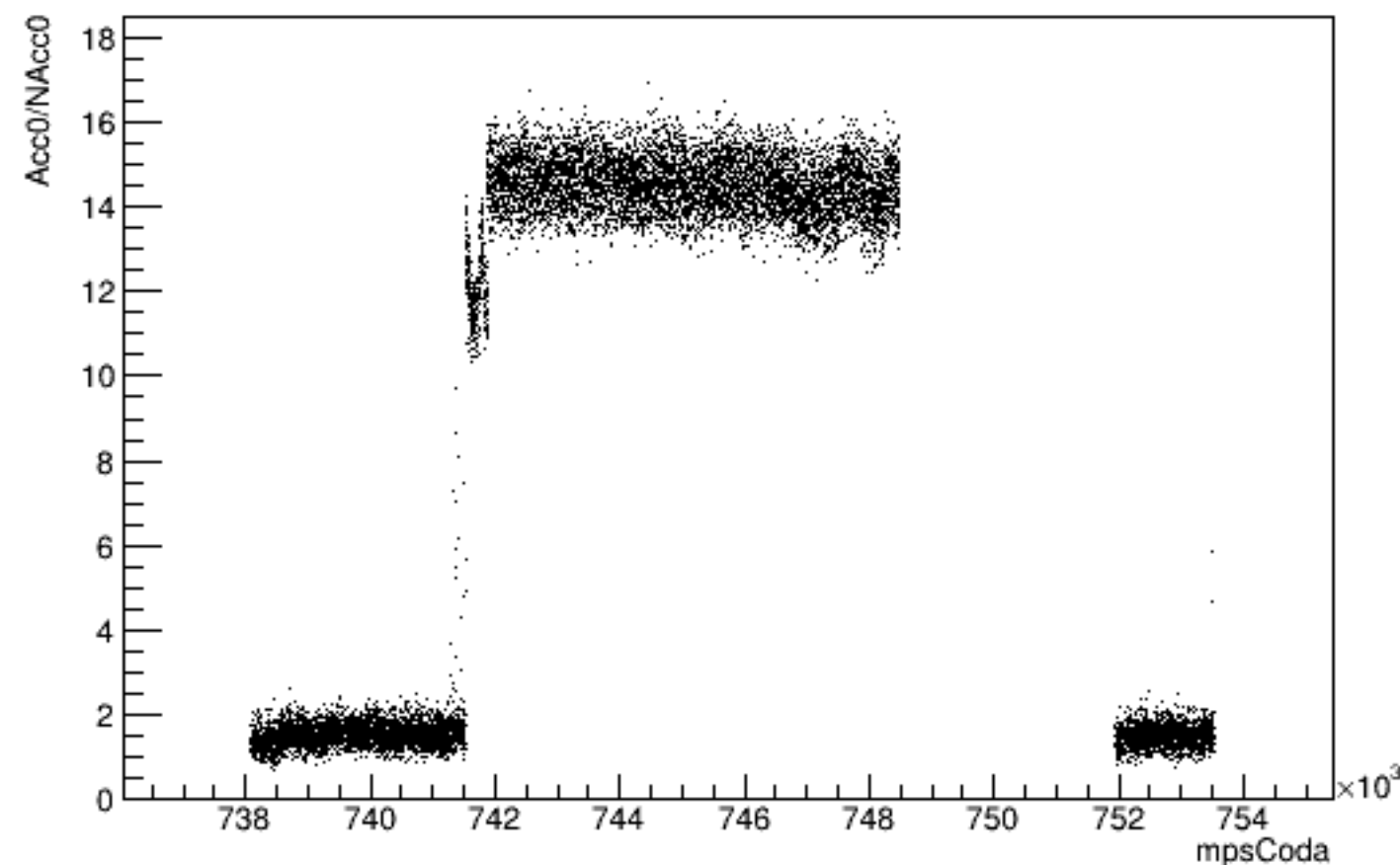
Mean: 0.0007 +/- 0.0008

Std Dev: 0.0102 +/- 0.0006

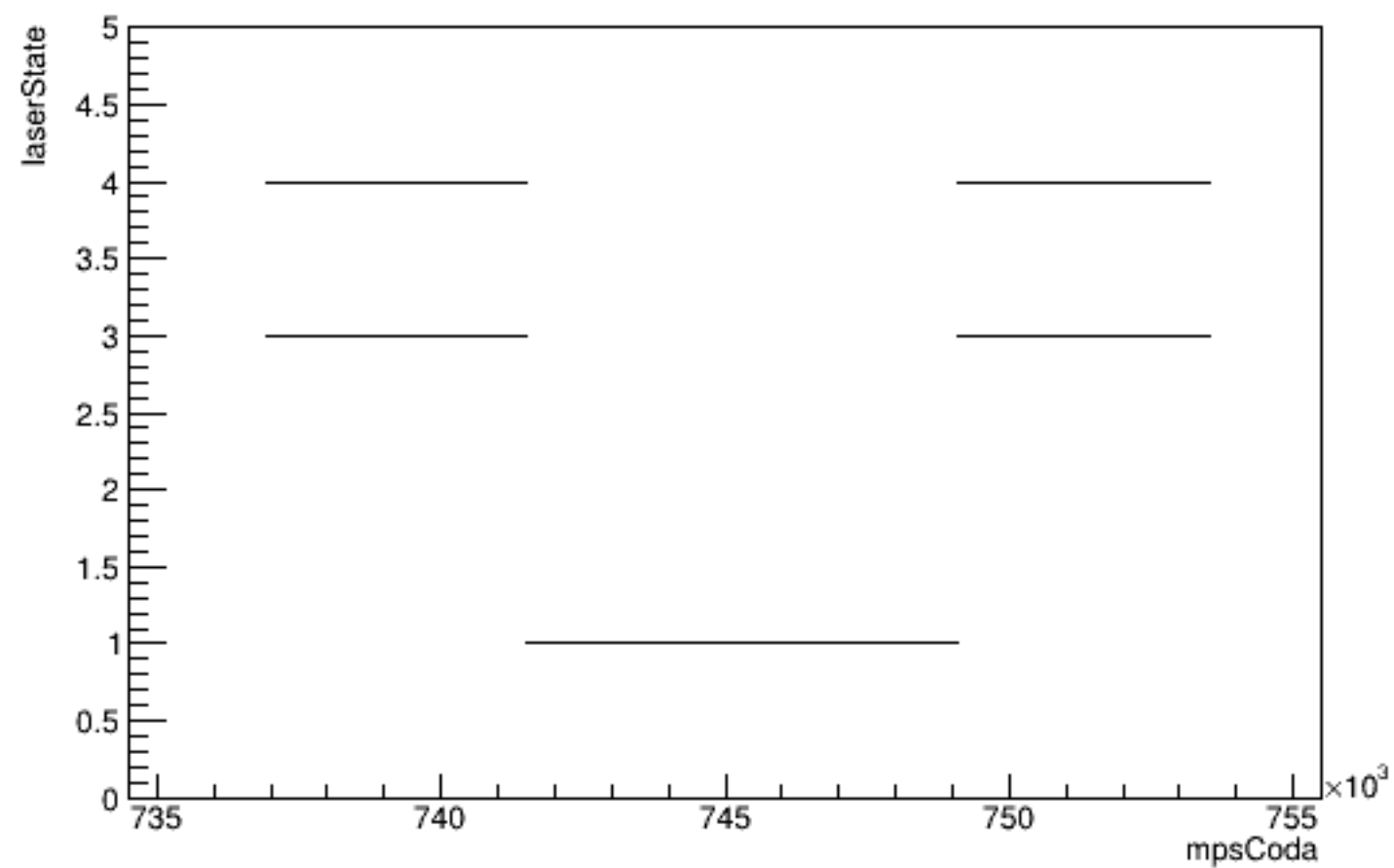
Run 5680 quartetwise, Asyms



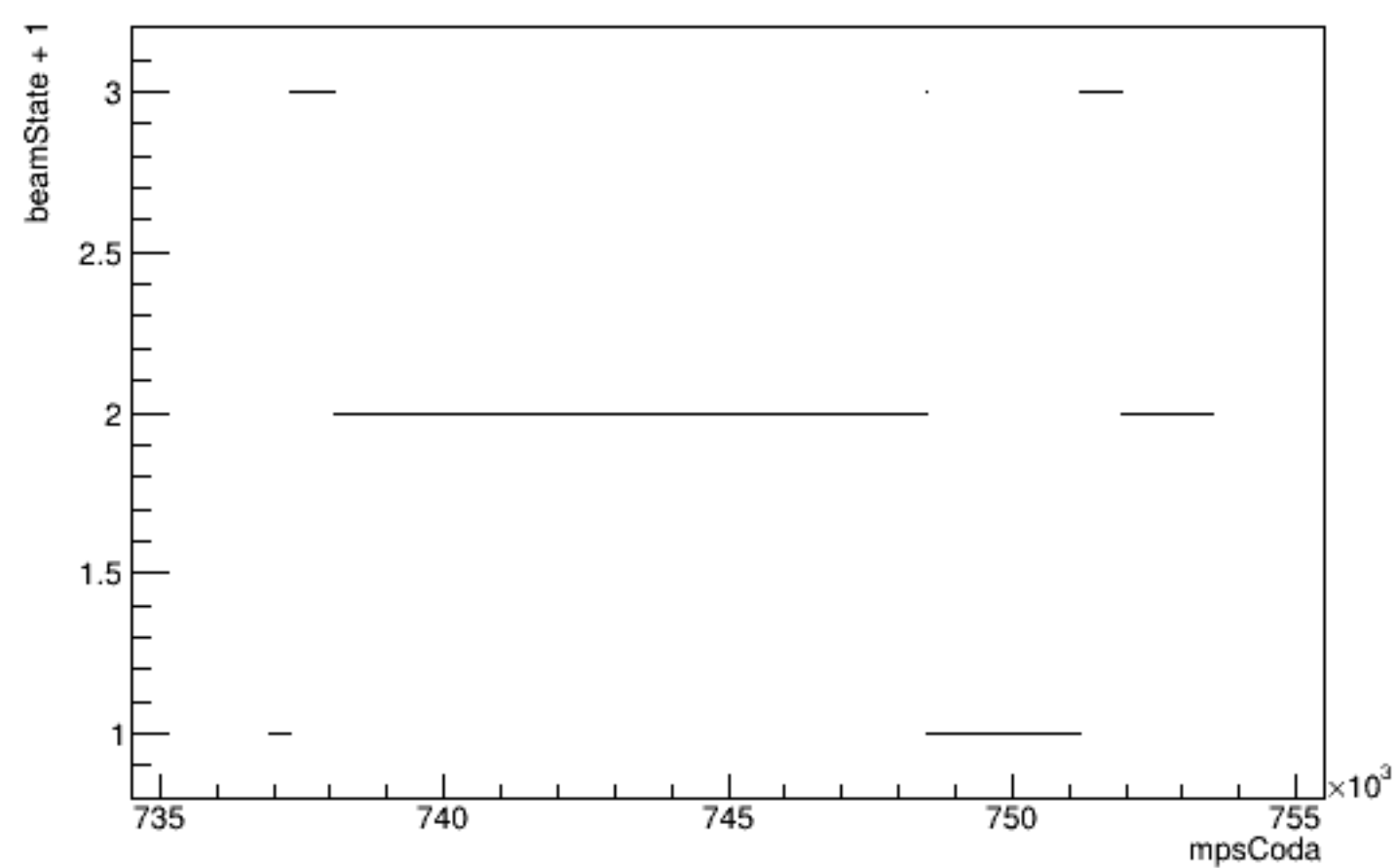
Acc0/NAcc0:mpsCoda (mpsCoda>=736929 && mpsCoda<=753520 && beamState==1)



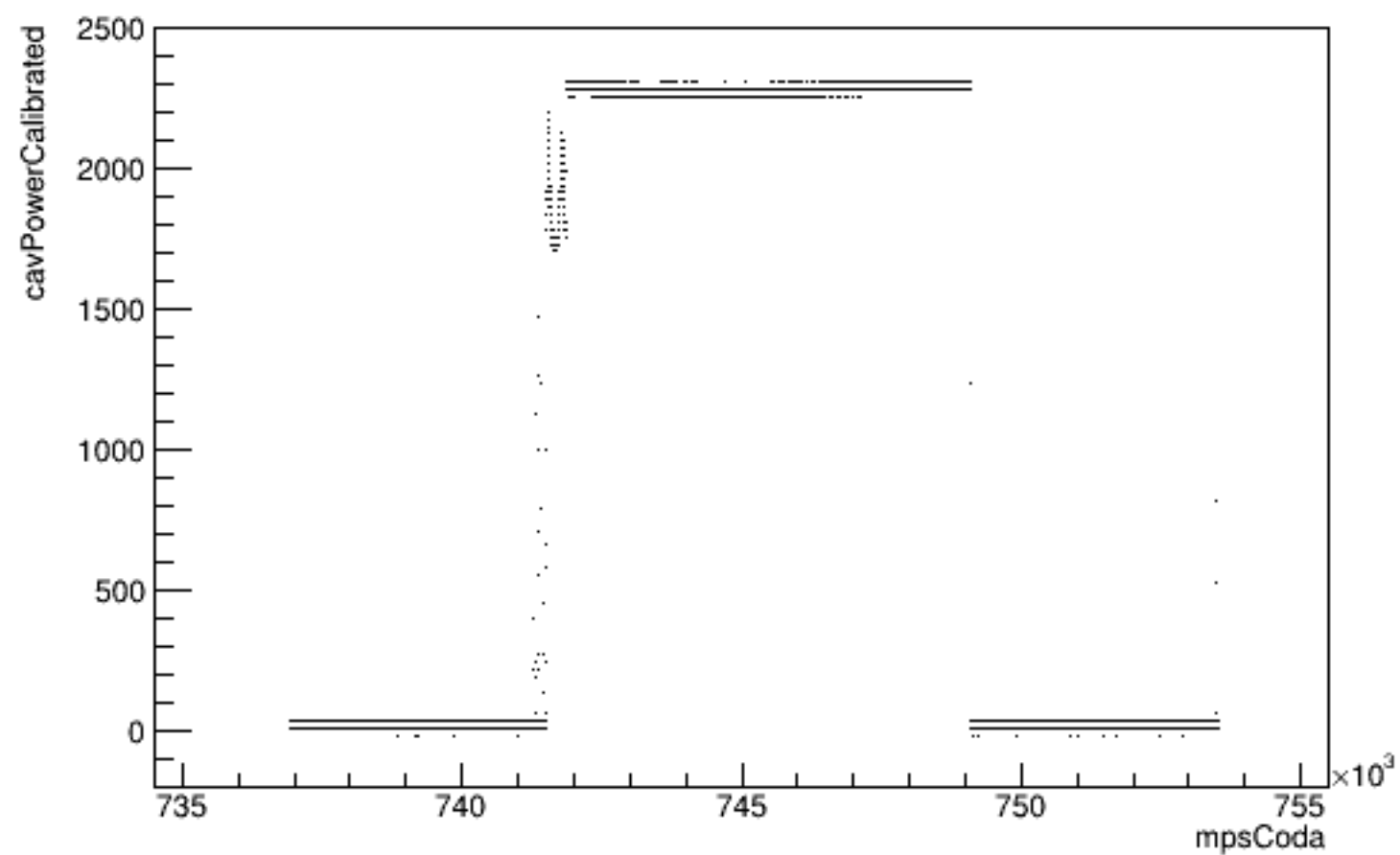
laserState:mpsCoda {mpsCoda>=736929 && mpsCoda<=753520}



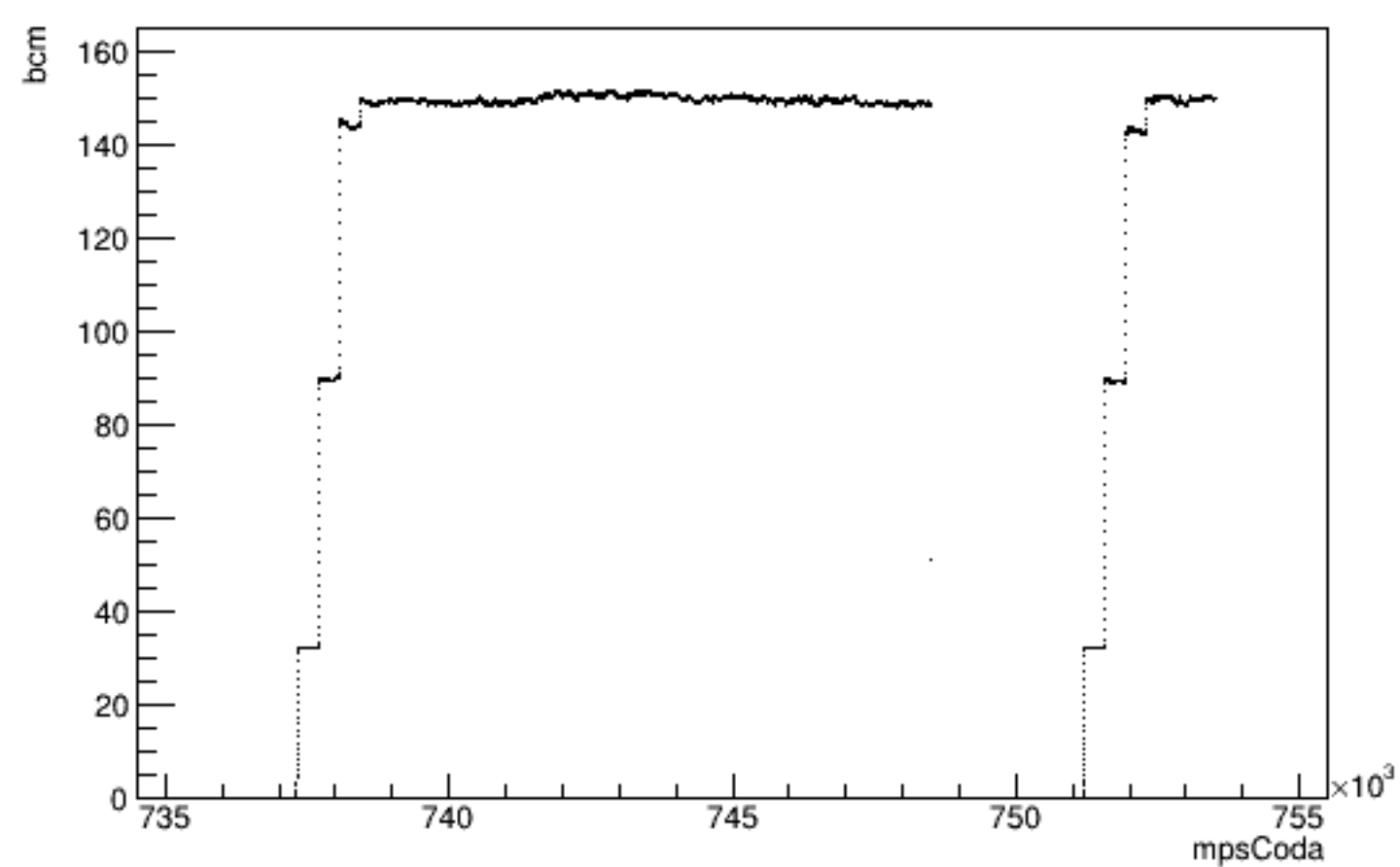
beamState + 1:mpsCoda {mpsCoda>=736929 && mpsCoda<=753520}



cavPowerCalibrated:mpsCoda {mpsCoda>=736929 && mpsCoda<=753520}



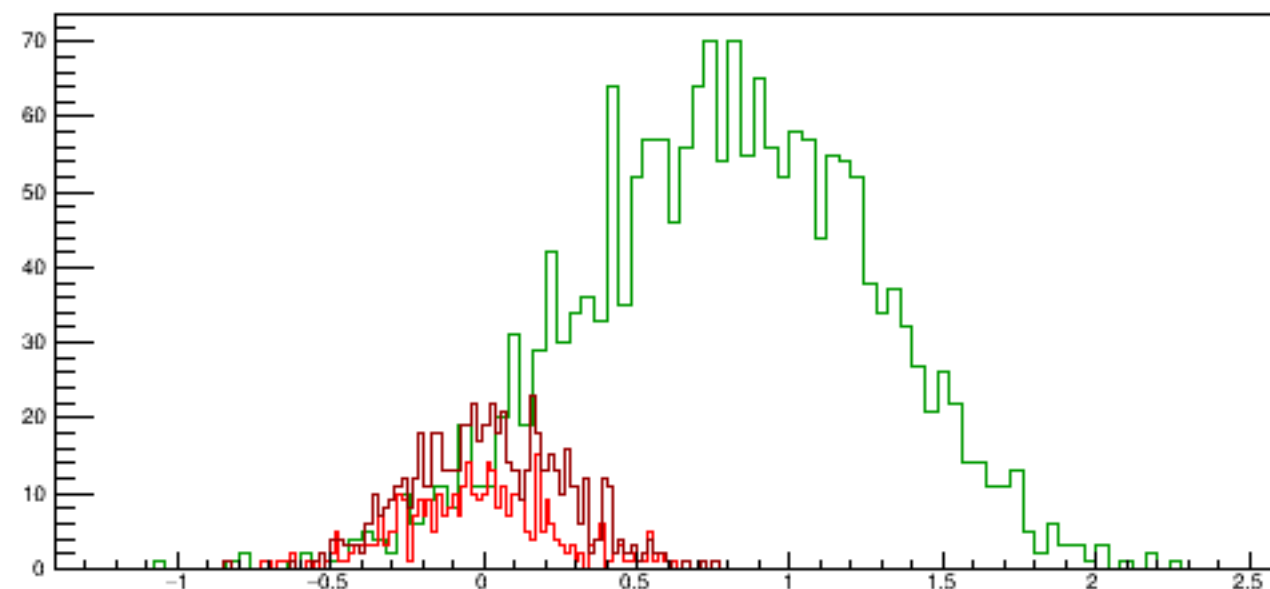
bcm:mpsCoda {mpsCoda>=736929 && mpsCoda<=753520}



Cycle 24, Diffs

Entries: 388	Entries: 1883	Entries: 609
Mean: -0.0229 +/- 0.0130	Mean: 0.7906 +/- 0.0110	Mean: 0.0186 +/- 0.0099
Std Dev: 0.2569 +/- 0.0092	Std Dev: 0.4785 +/- 0.0078	Std Dev: 0.2436 +/- 0.0070

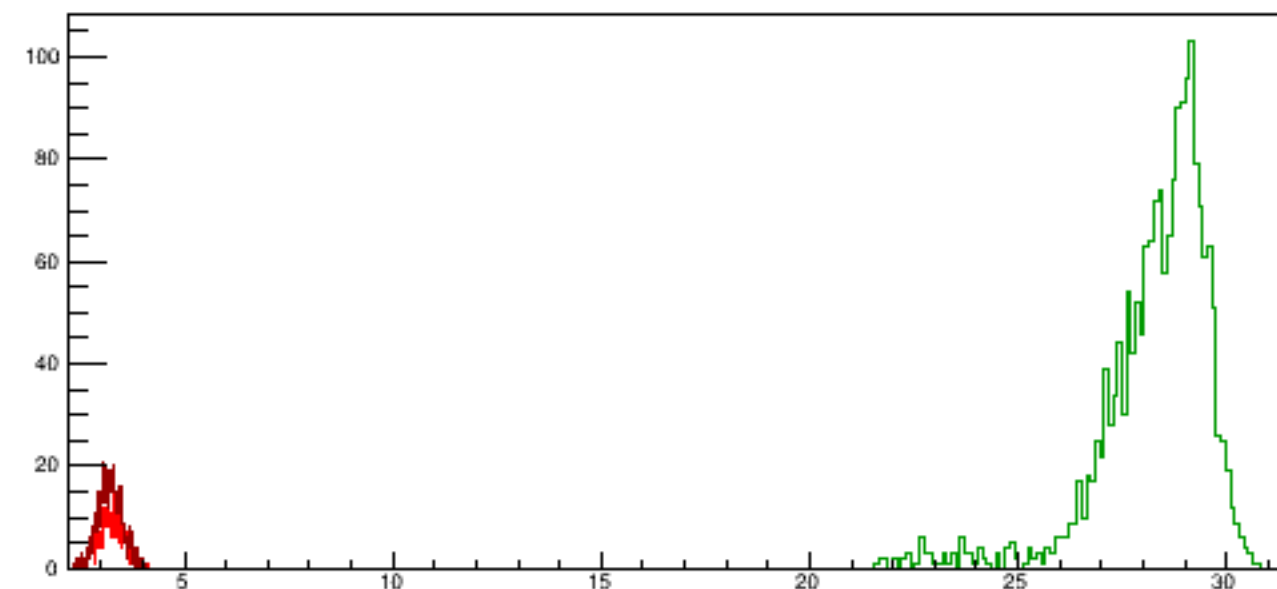
Run 5680 quartetwise, Diffs



Cycle 24, Sums

Entries: 388	Entries: 1883	Entries: 609
Mean: 3.2420 +/- 0.0156	Mean: 28.3048 +/- 0.0312	Mean: 3.2064 +/- 0.0119
Std Dev: 0.3080 +/- 0.0111	Std Dev: 1.3525 +/- 0.0220	Std Dev: 0.2941 +/- 0.0084

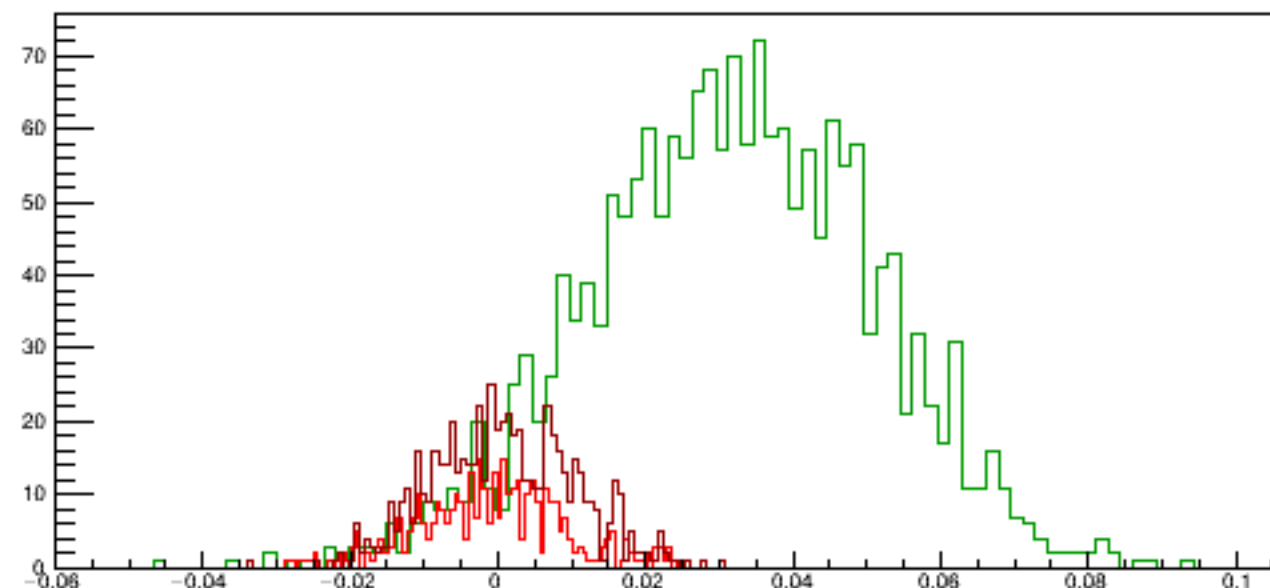
Run 5680 quartetwise, Sums



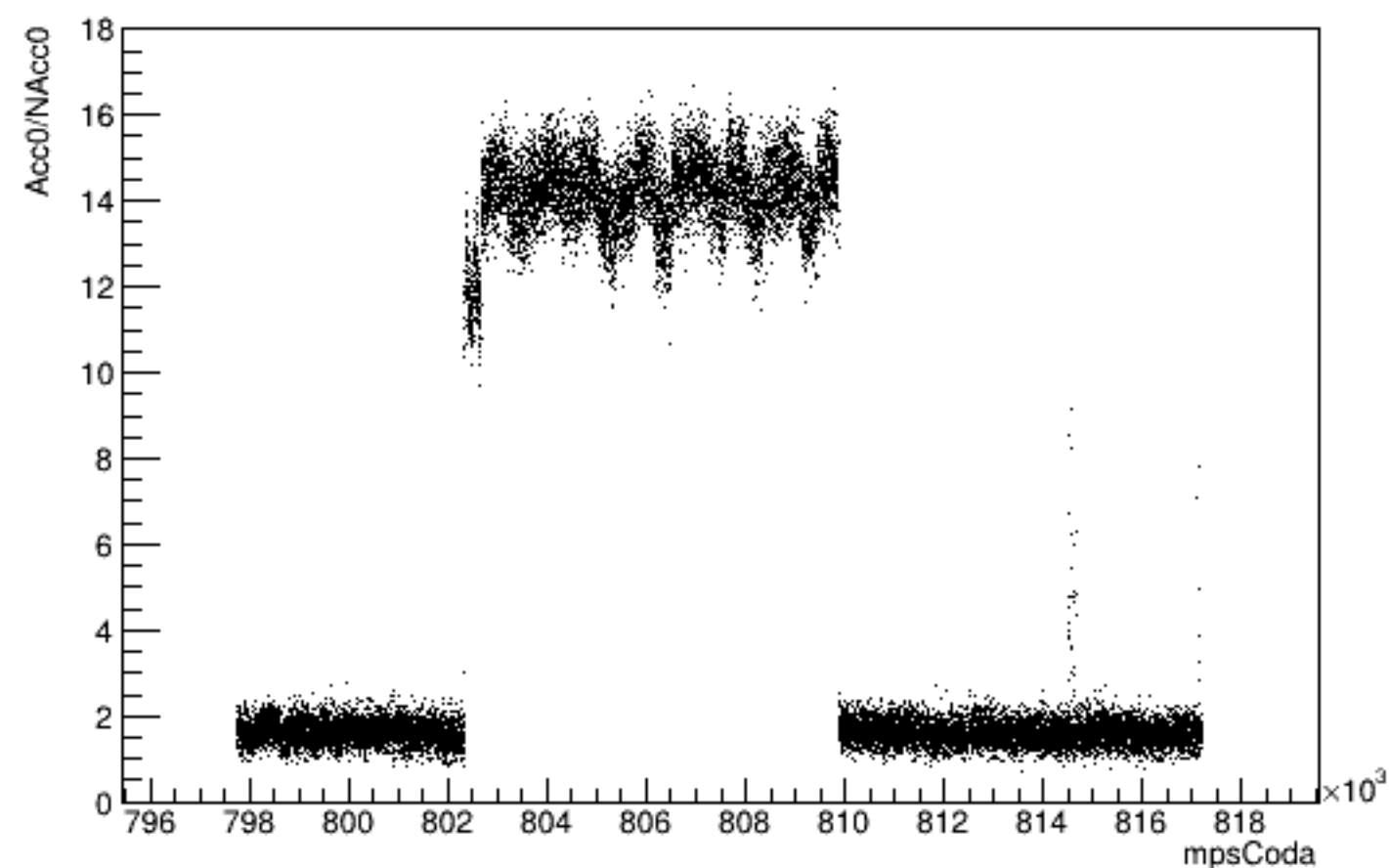
Cycle 24, Asyms

Entries: 388	Entries: 1883	Entries: 609
Mean: -0.0009 +/- 0.0005	Mean: 0.0315 +/- 0.0004	Mean: 0.0007 +/- 0.0004
Std Dev: 0.0102 +/- 0.0004	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0097 +/- 0.0003

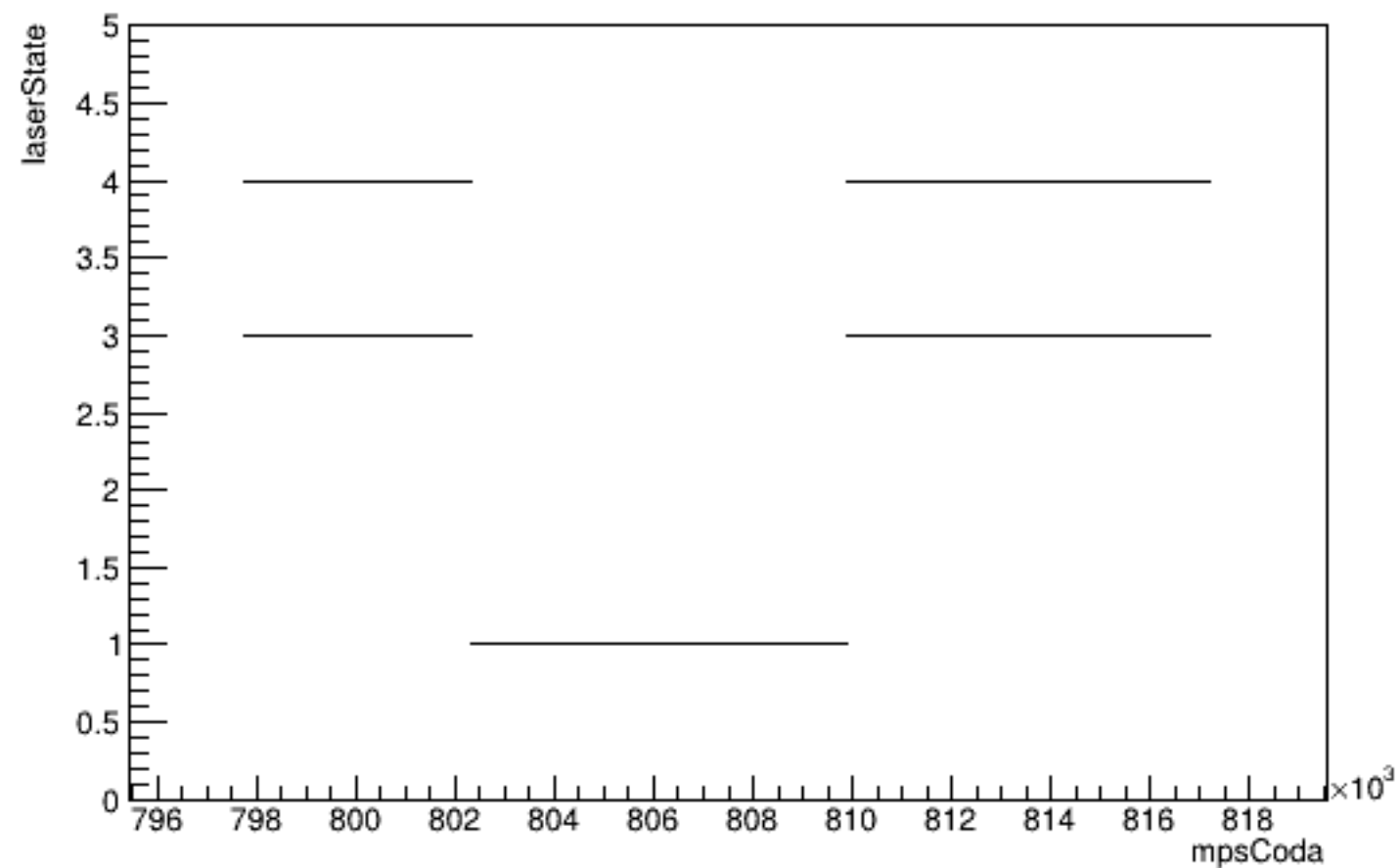
Run 5680 quartetwise, Asyms



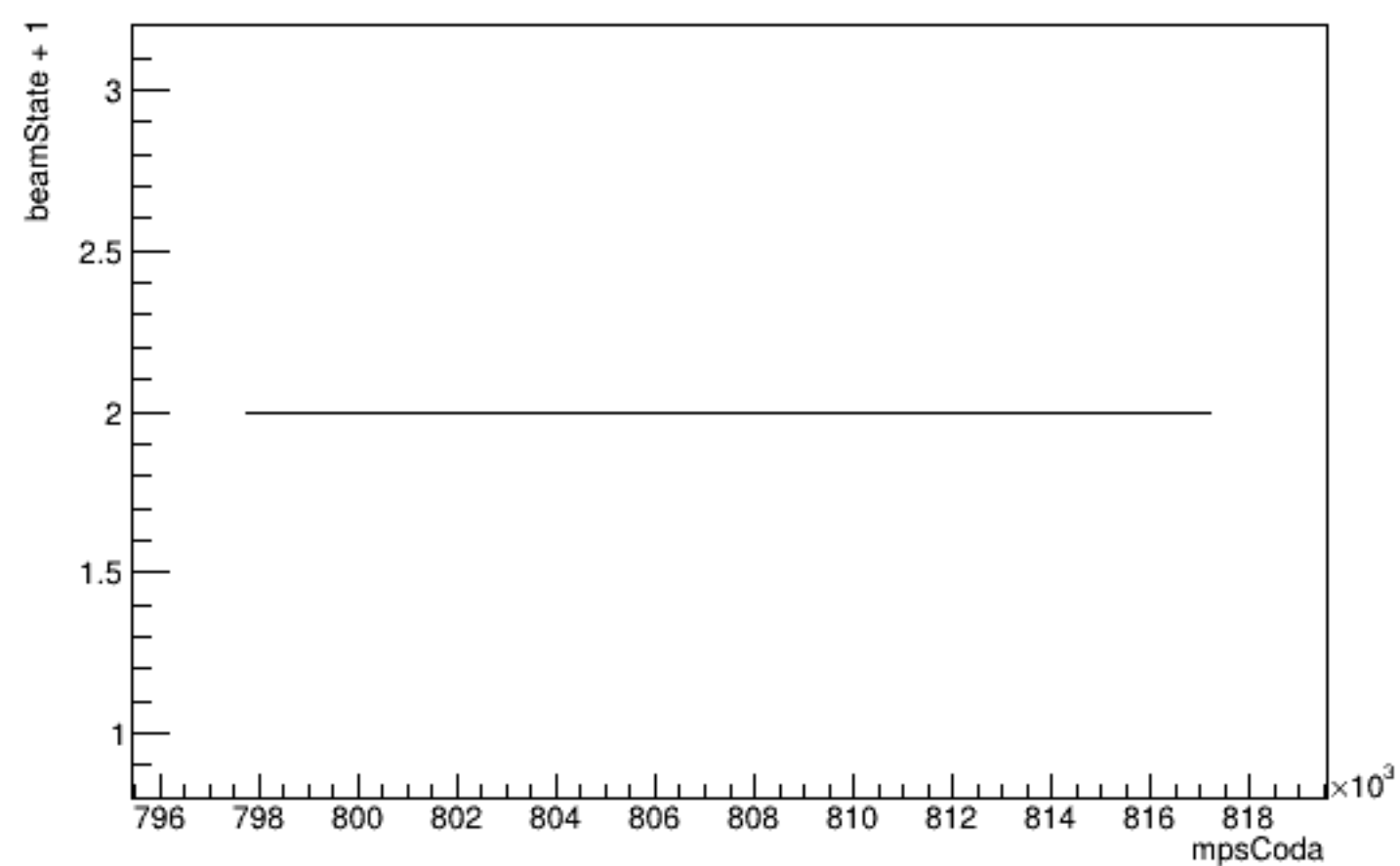
Acc0/NAcc0:mpsCoda (mpsCoda>=797745 && mpsCoda<=817192 && beamState==1)



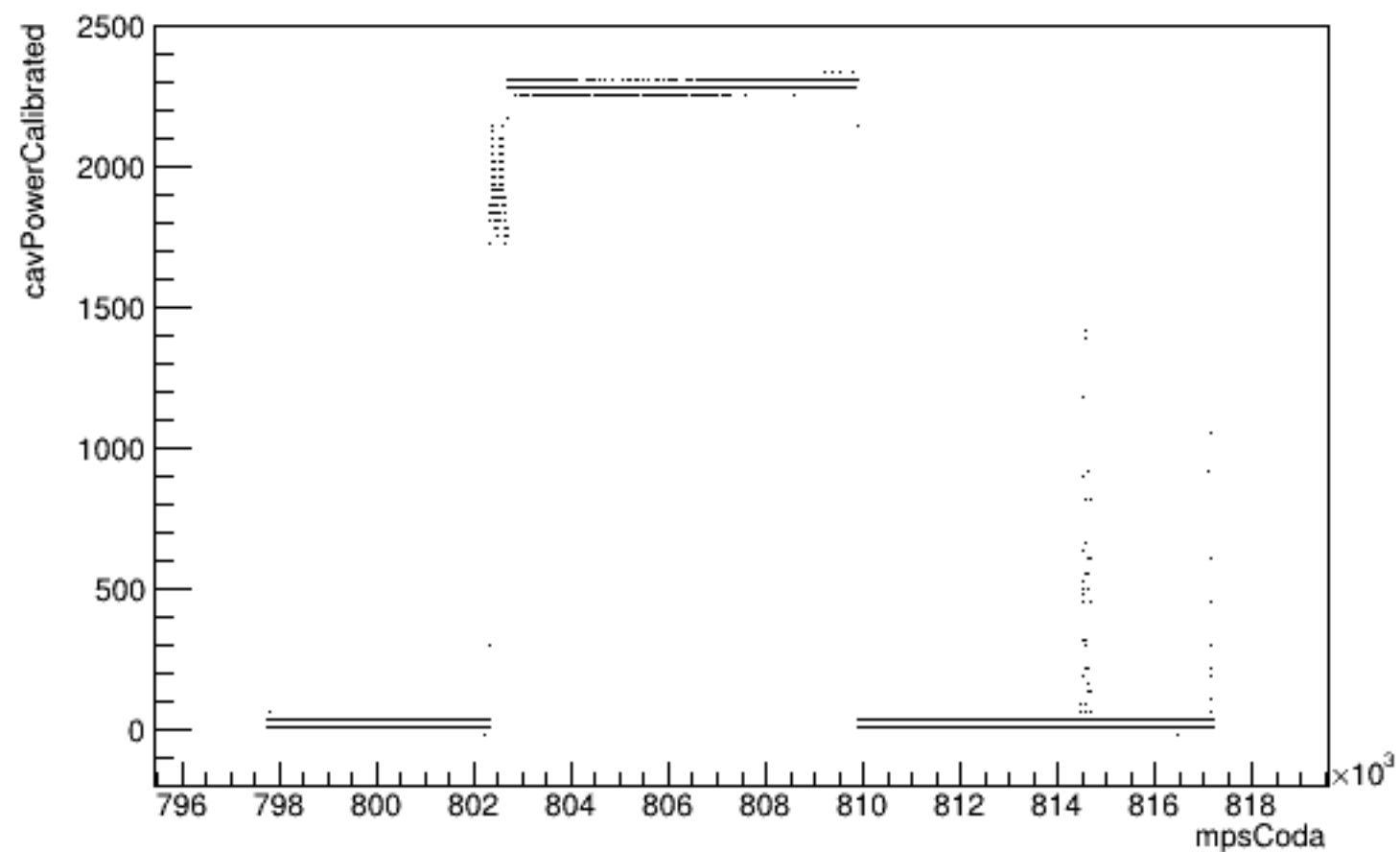
laserState:mpsCoda {mpsCoda>=797745 && mpsCoda<=817192}



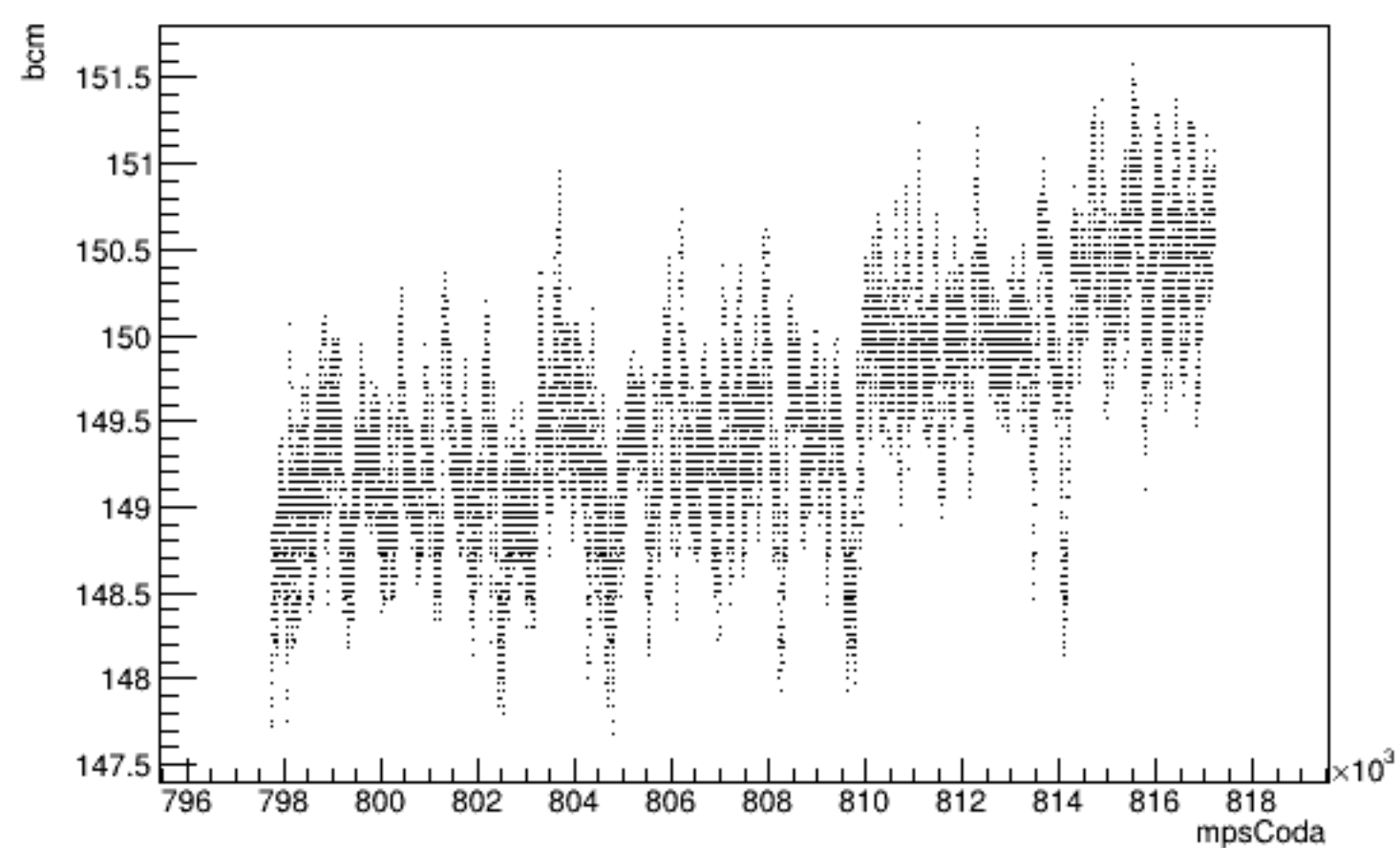
beamState + 1:mpsCoda {mpsCoda>=797745 && mpsCoda<=817192}



cavPowerCalibrated:mpsCoda {mpsCoda>=797745 && mpsCoda<=817192}



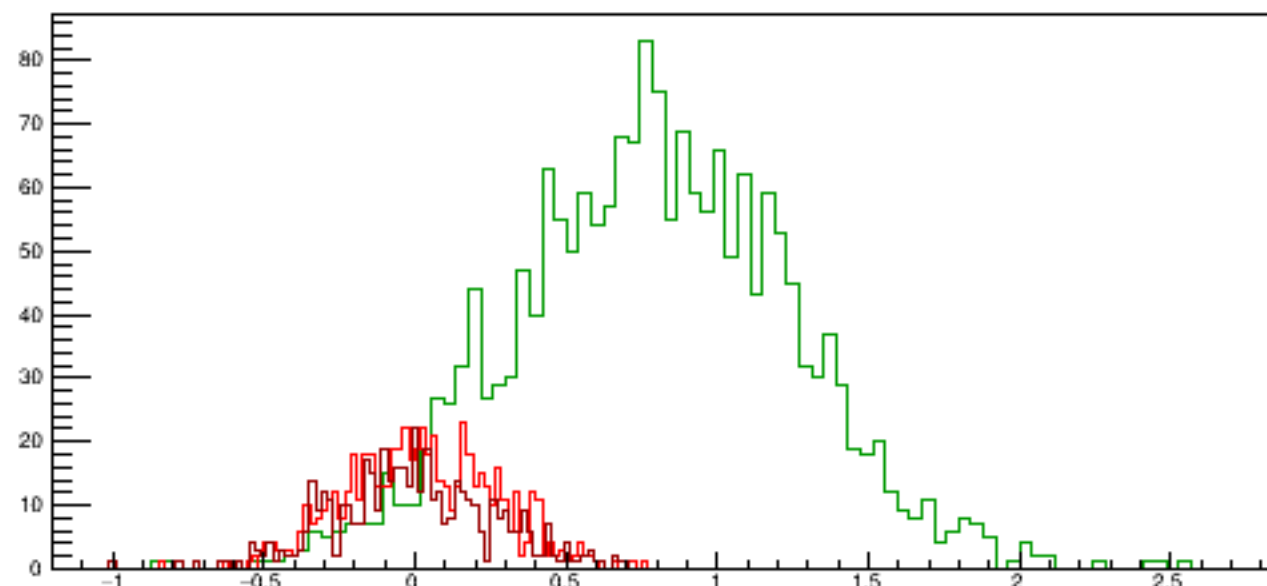
bcm:mpsCoda {mpsCoda>=797745 && mpsCoda<=817192}



Cycle 25, Diffs

Entries: 609	Entries: 1919	Entries: 468
Mean: 0.0186 +/- 0.0099	Mean: 0.7861 +/- 0.0105	Mean: -0.0081 +/- 0.0122
Std Dev: 0.2436 +/- 0.0070	Std Dev: 0.4614 +/- 0.0074	Std Dev: 0.2644 +/- 0.0086

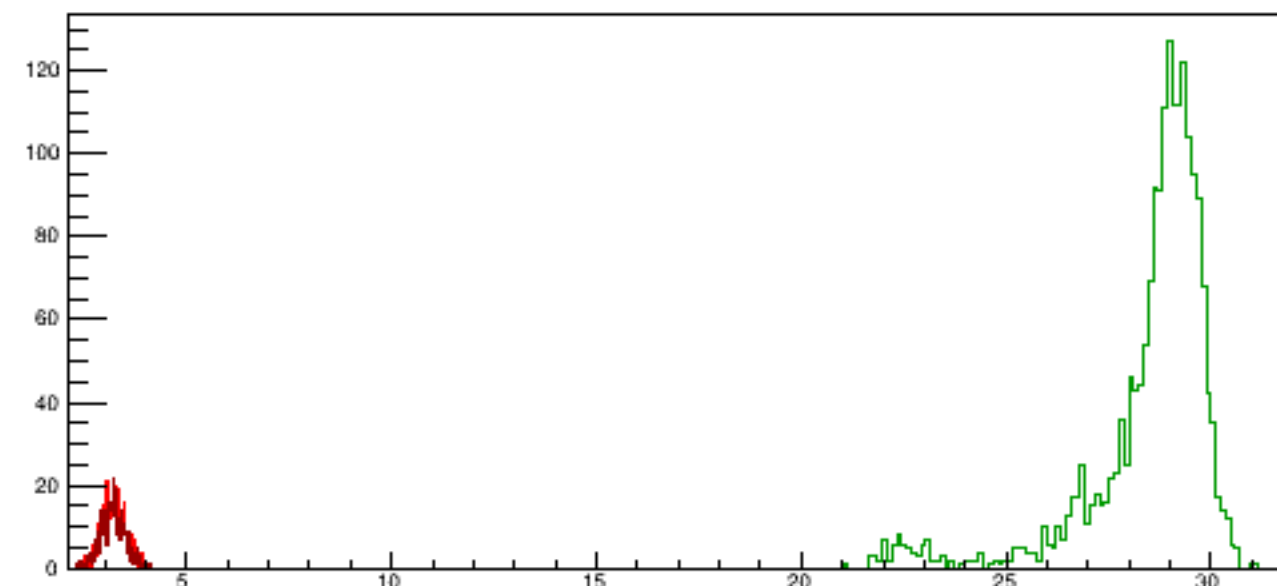
Run 5680 quartetwise, Diffs



Cycle 25, Sums

Entries: 609	Entries: 1919	Entries: 468
Mean: 3.2064 +/- 0.0119	Mean: 28.4963 +/- 0.0361	Mean: 3.2019 +/- 0.0135
Std Dev: 0.2941 +/- 0.0084	Std Dev: 1.5812 +/- 0.0255	Std Dev: 0.2925 +/- 0.0096

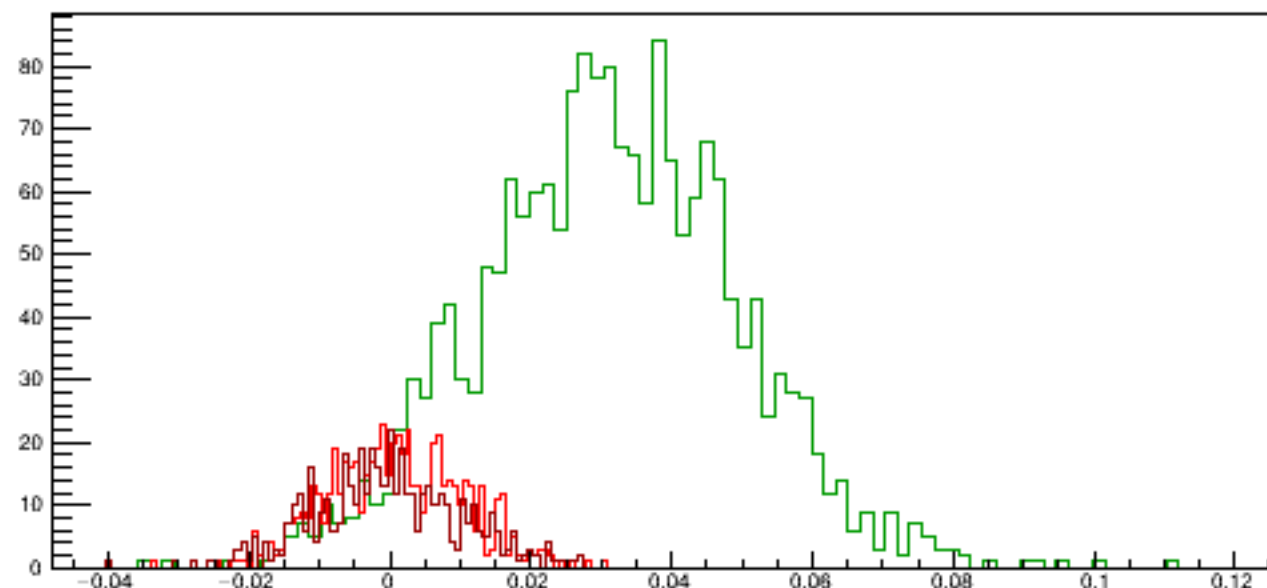
Run 5680 quartetwise, Sums



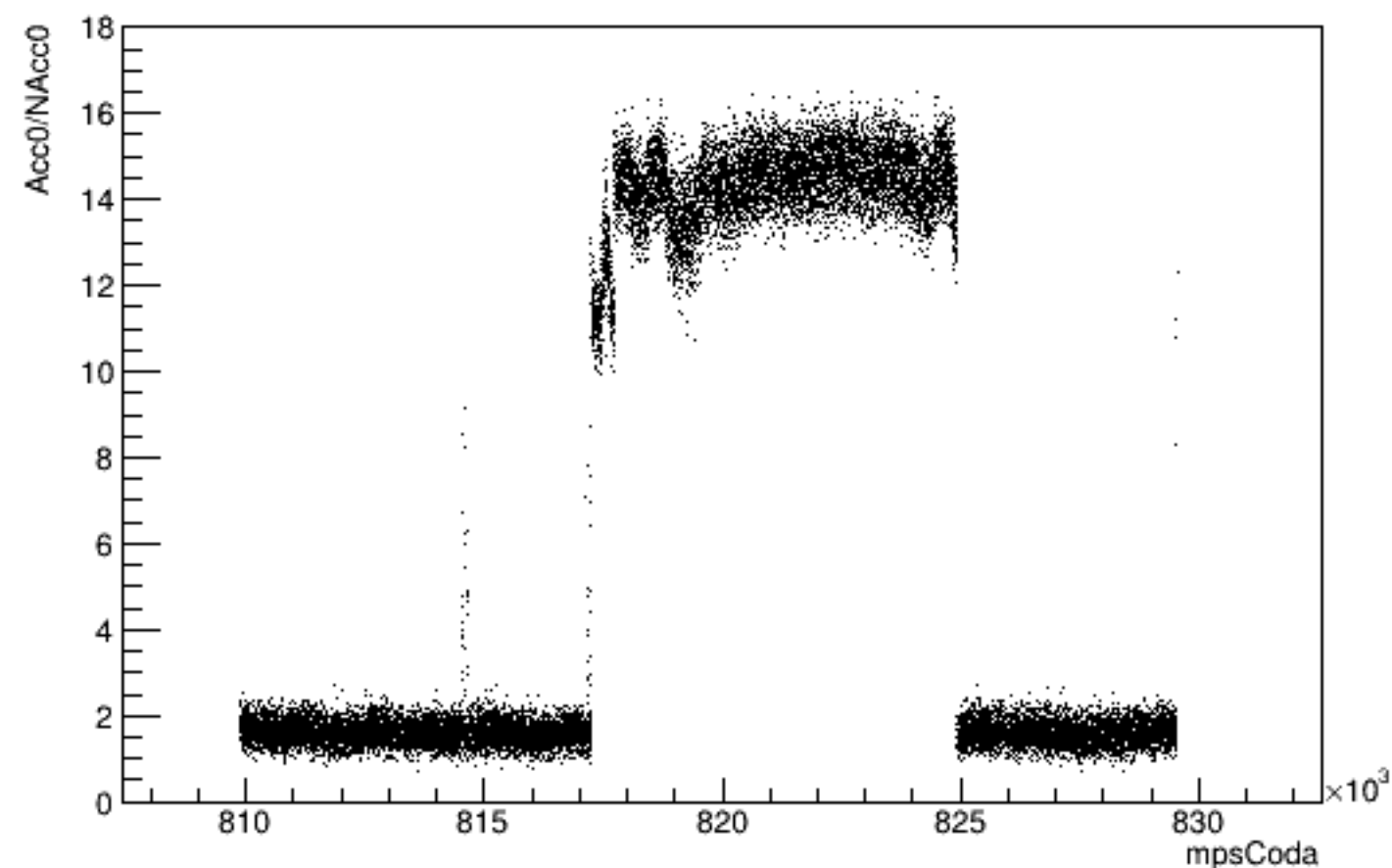
Cycle 25, Asyms

Entries: 609	Entries: 1919	Entries: 468
Mean: 0.0007 +/- 0.0004	Mean: 0.0311 +/- 0.0004	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0096 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0105 +/- 0.0003

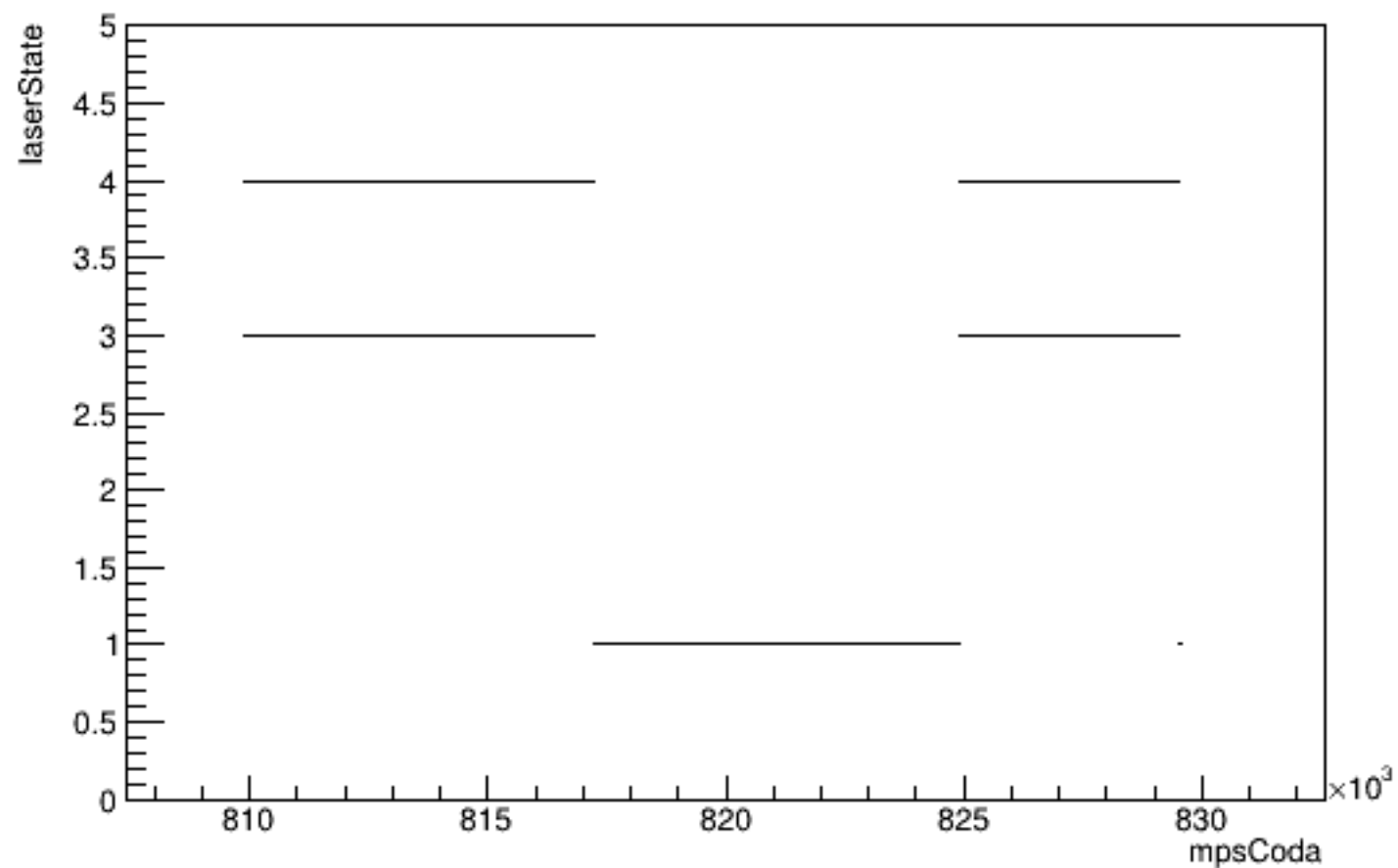
Run 5680 quartetwise, Asyms



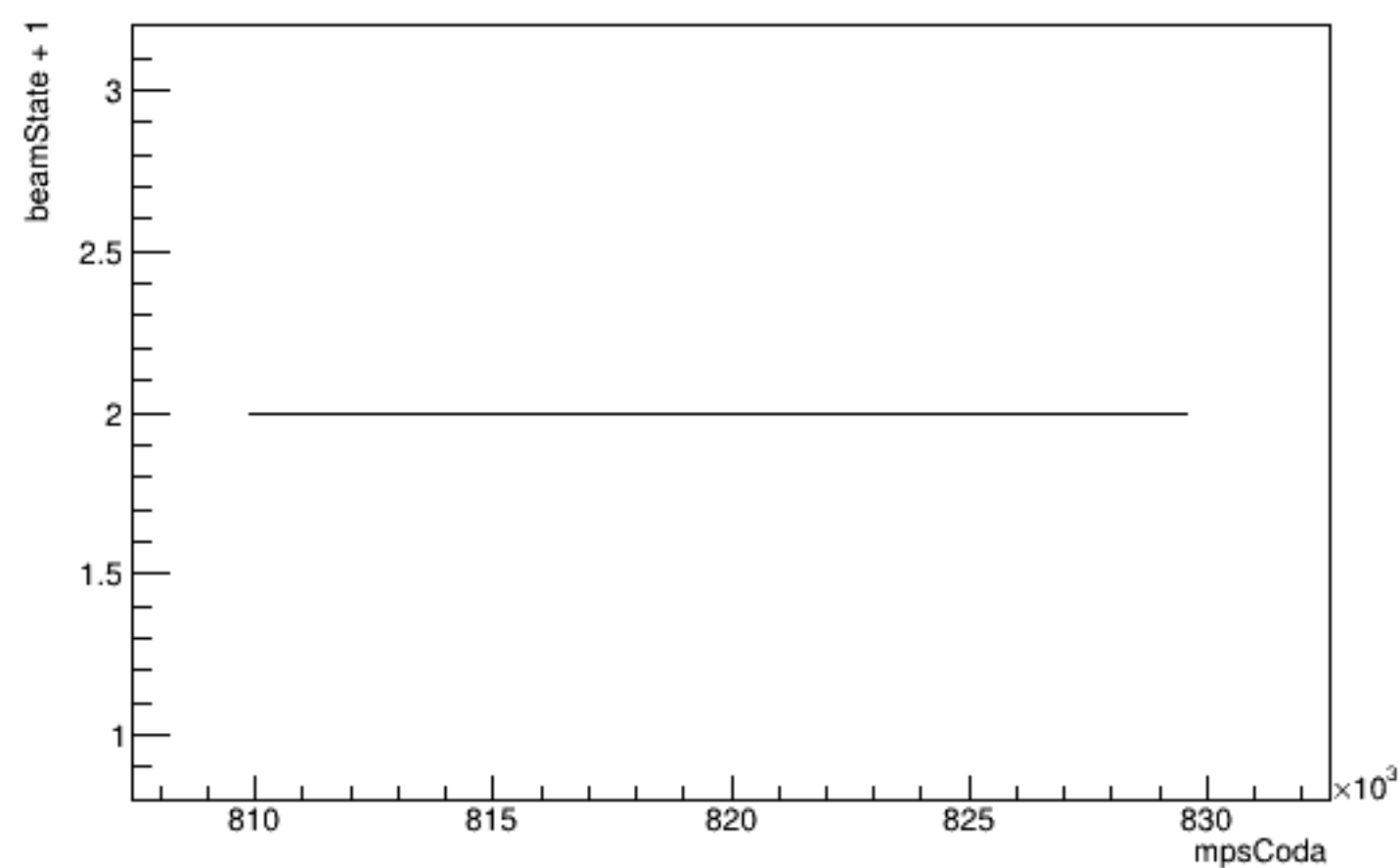
Acc0/NAcc0:mpsCoda (mpsCoda>=809877 && mpsCoda<=829548 && beamState==1)



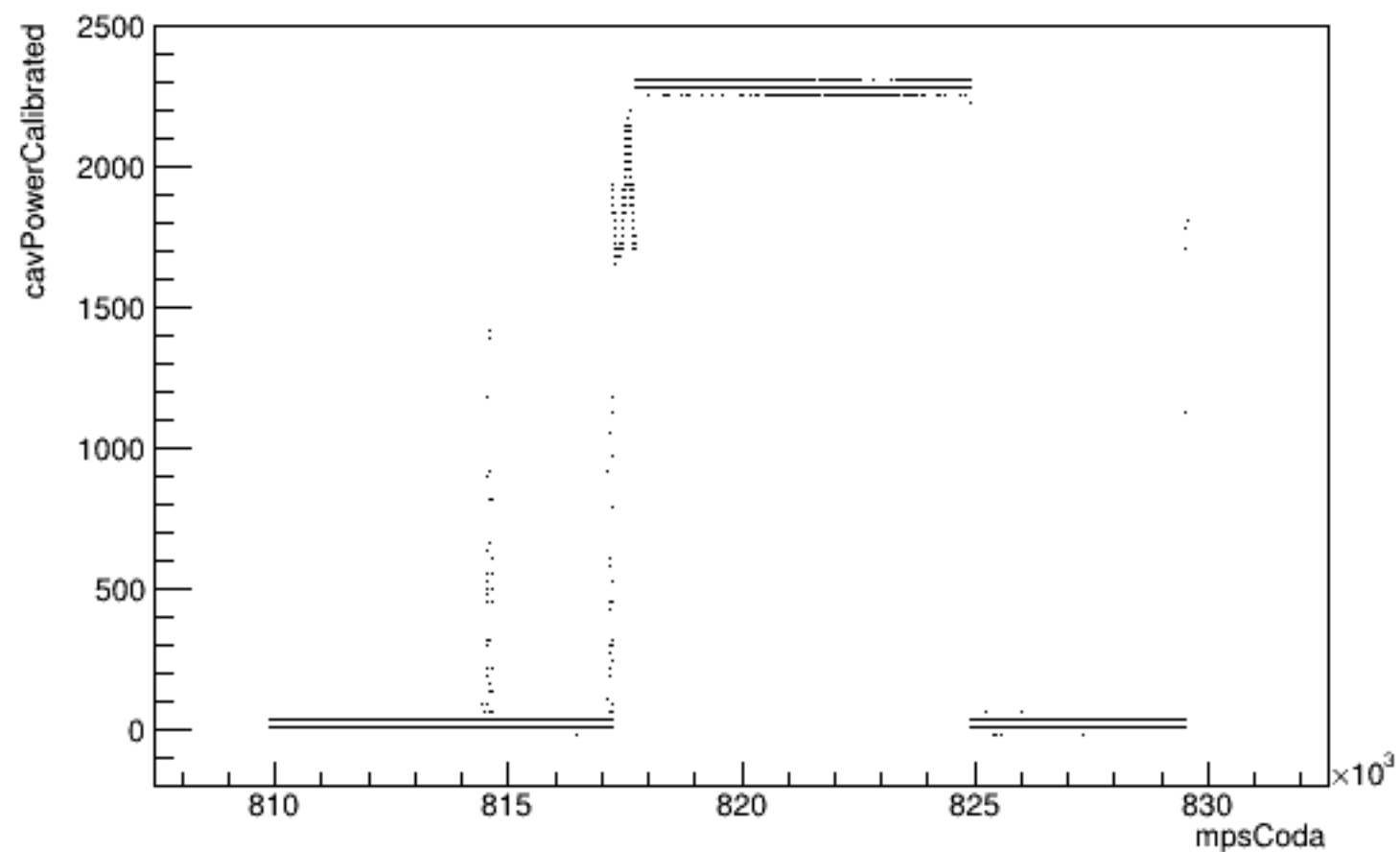
laserState:mpsCoda {mpsCoda>=809877 && mpsCoda<=829548}



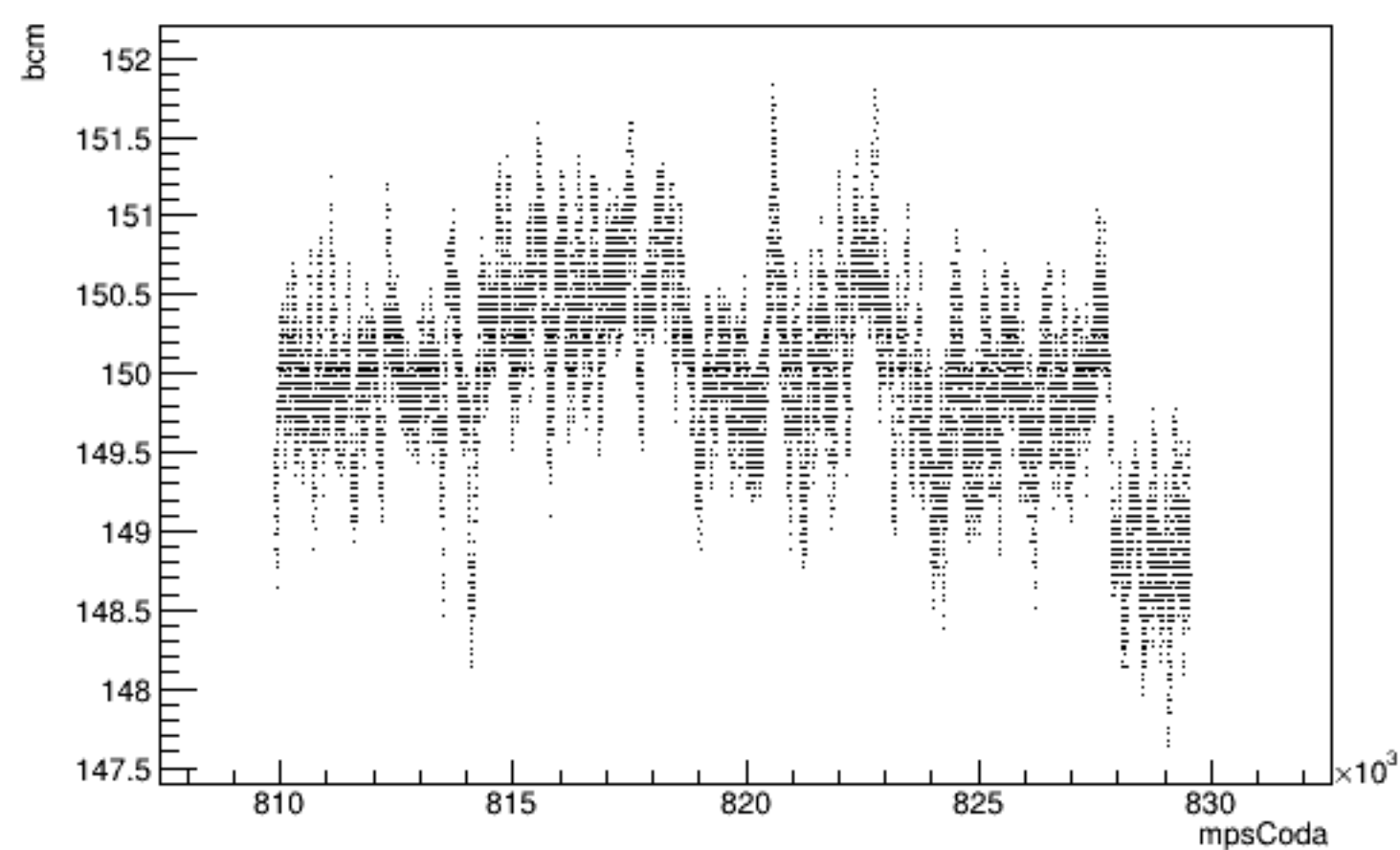
beamState + 1:mpsCoda {mpsCoda>=809877 && mpsCoda<=829548}



cavPowerCalibrated:mpsCoda {mpsCoda>=809877 && mpsCoda<=829548}



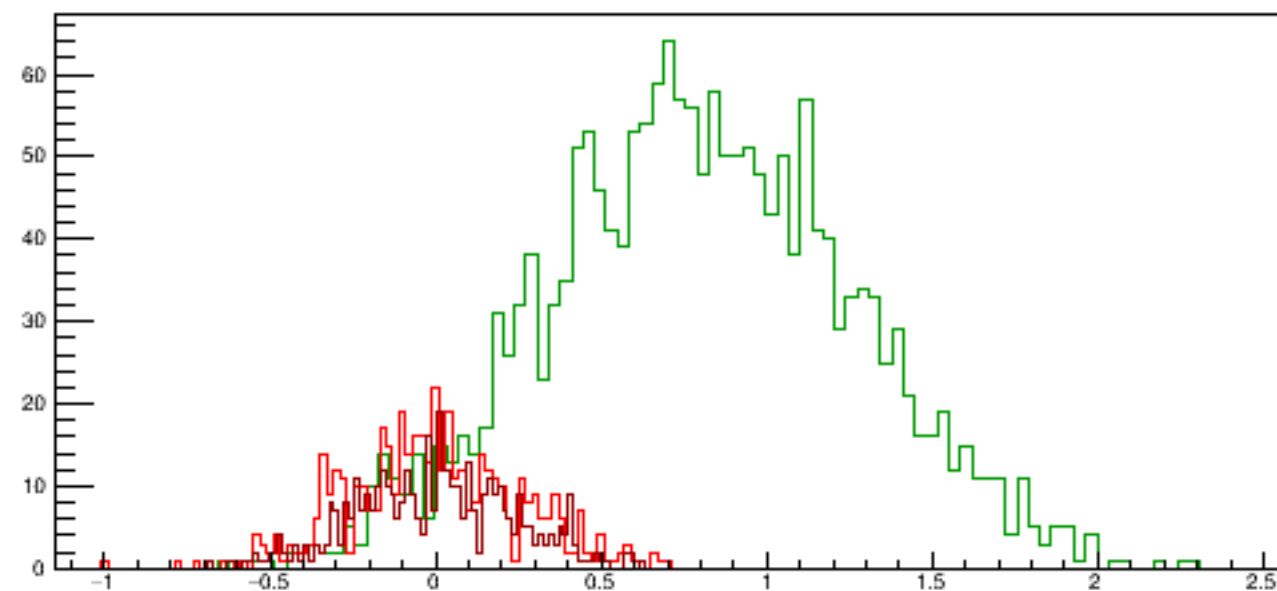
bcm:mpsCoda {mpsCoda>=809877 && mpsCoda<=829548}



Cycle 26, Diffs

Entries: 468	Entries: 1883	Entries: 427
Mean: -0.0081 +/- 0.0122	Mean: 0.7948 +/- 0.0107	Mean: -0.0049 +/- 0.0118
Std Dev: 0.2644 +/- 0.0086	Std Dev: 0.4650 +/- 0.0076	Std Dev: 0.2447 +/- 0.0084

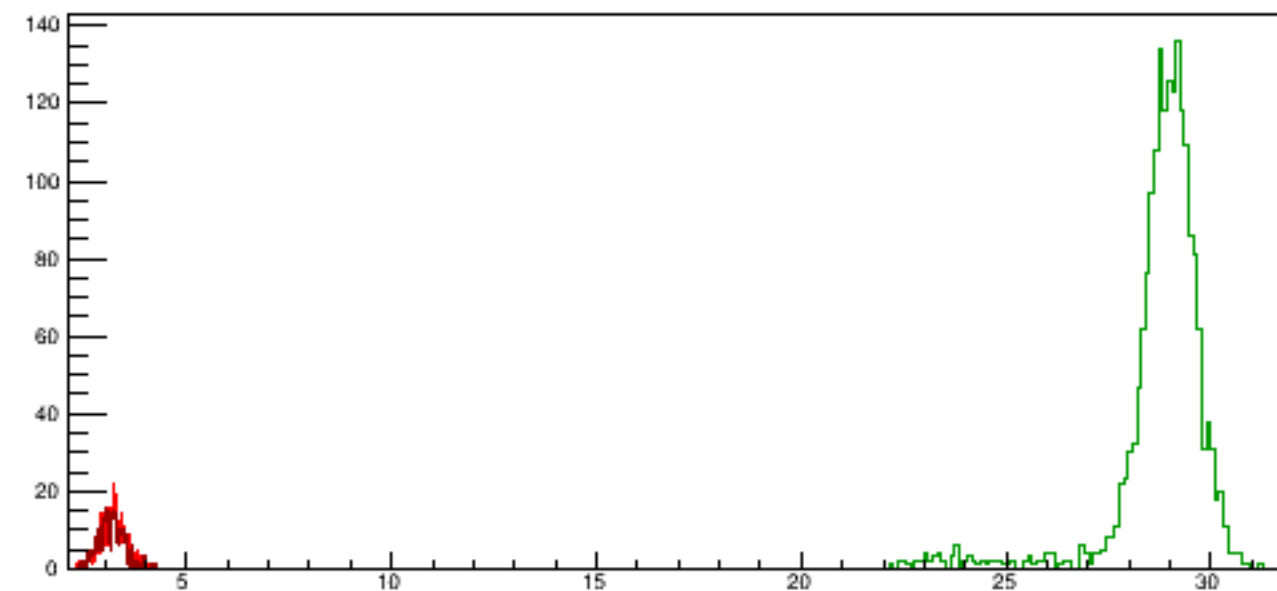
Run 5680 quartetwise, Diffs



Cycle 26, Sums

Entries: 468	Entries: 1883	Entries: 427
Mean: 3.2019 +/- 0.0135	Mean: 28.8050 +/- 0.0260	Mean: 3.1440 +/- 0.0145
Std Dev: 0.2925 +/- 0.0096	Std Dev: 1.1293 +/- 0.0184	Std Dev: 0.3000 +/- 0.0103

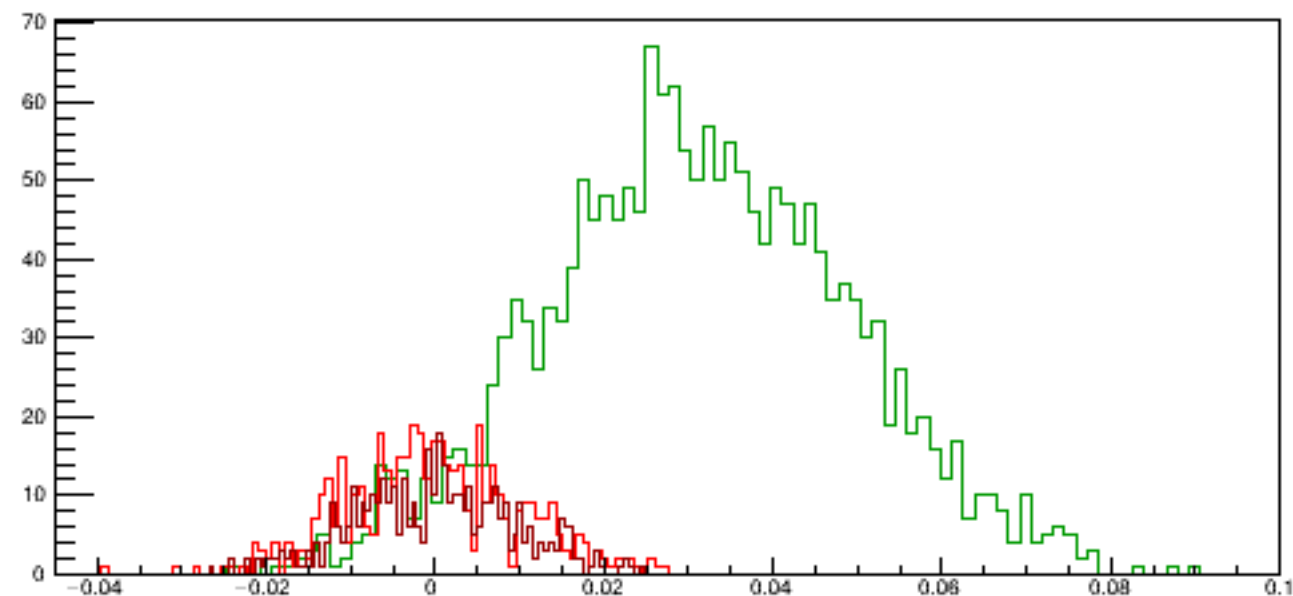
Run 5680 quartetwise, Sums



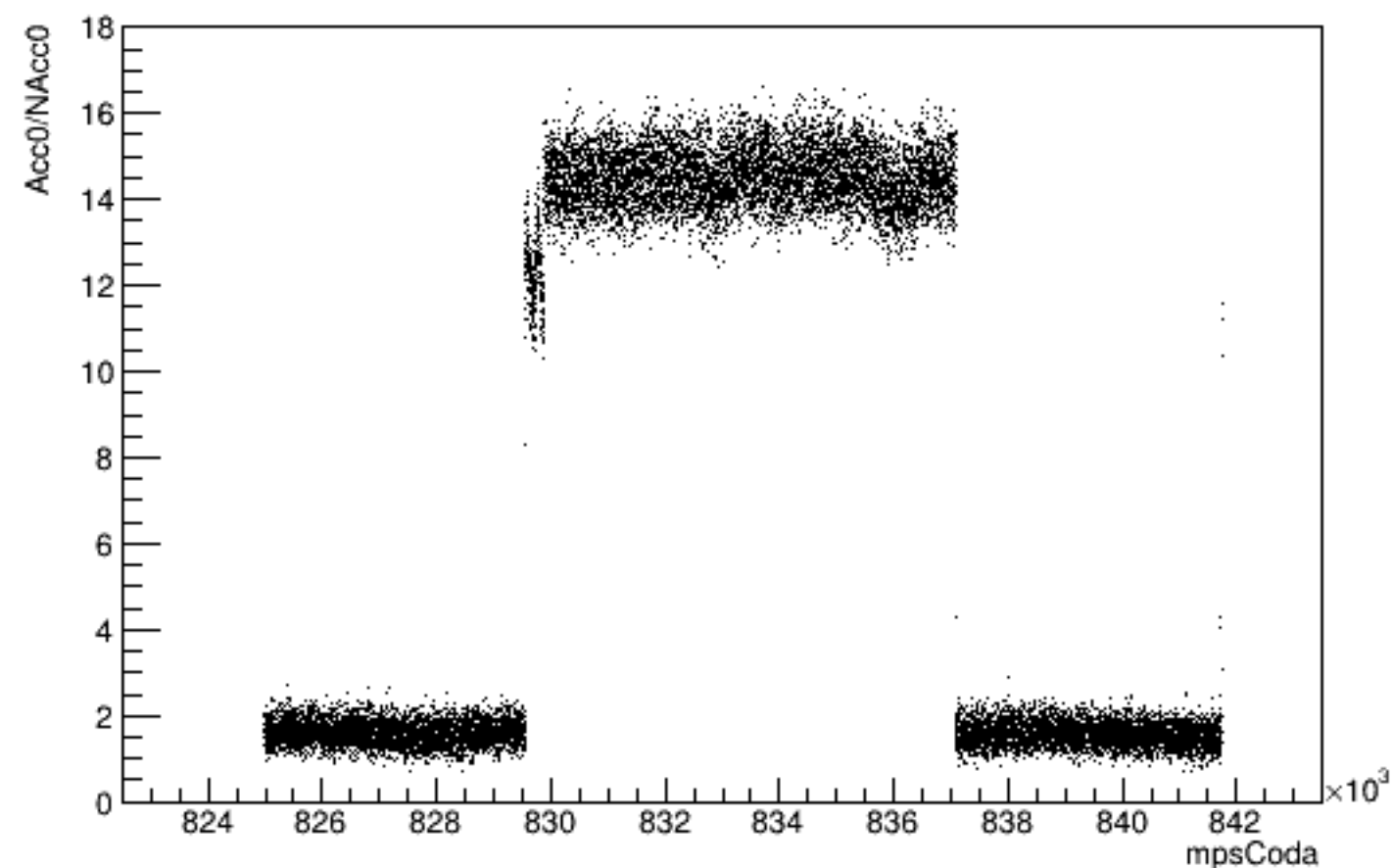
Cycle 26, Asyms

Entries: 468	Entries: 1883	Entries: 427
Mean: -0.0003 +/- 0.0005	Mean: 0.0309 +/- 0.0004	Mean: -0.0002 +/- 0.0005
Std Dev: 0.0103 +/- 0.0003	Std Dev: 0.0181 +/- 0.0003	Std Dev: 0.0095 +/- 0.0003

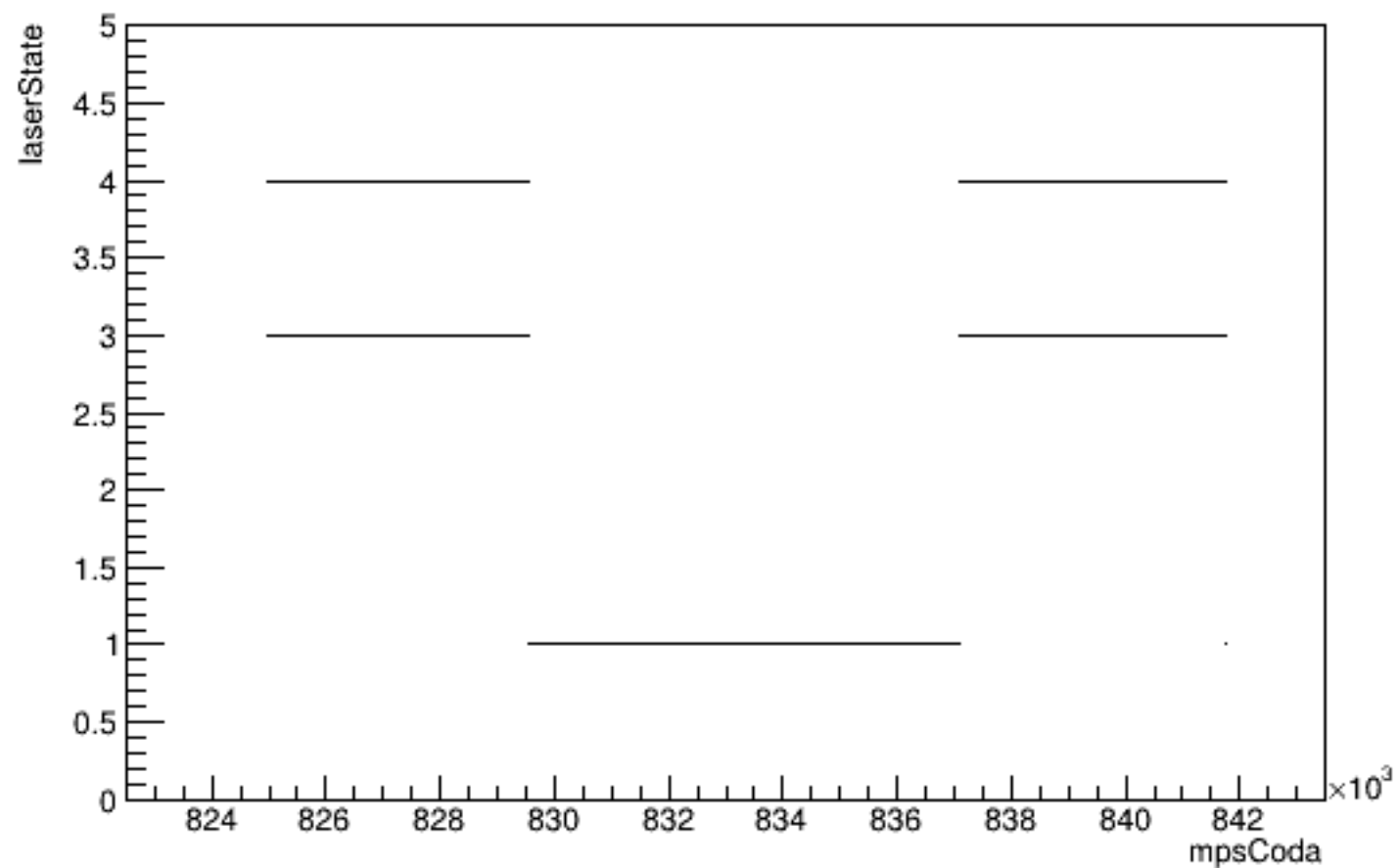
Run 5680 quartetwise, Asyms



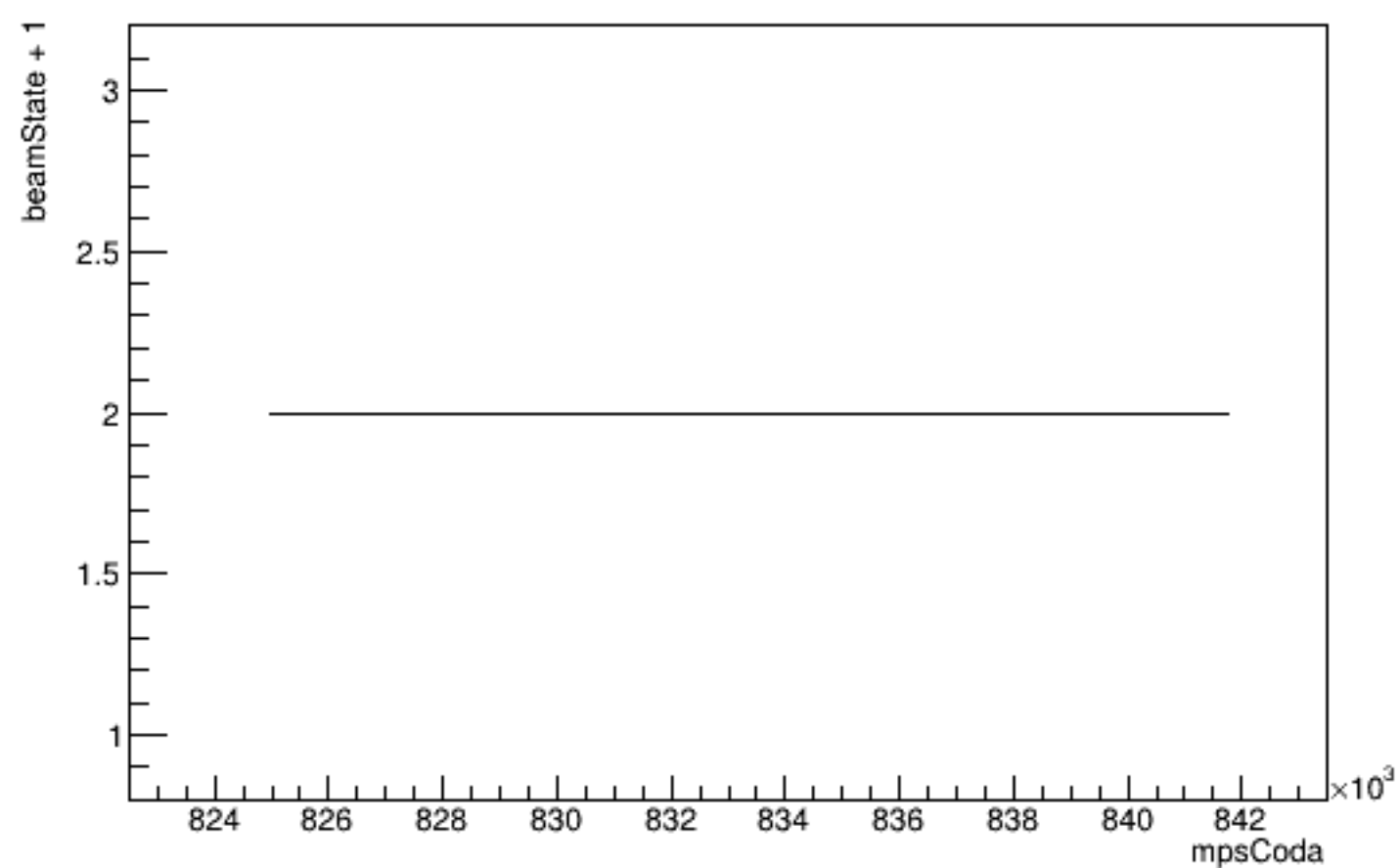
Acc0/NAcc0:mpsCoda (mpsCoda>=824989 && mpsCoda<=841740 && beamState==1)



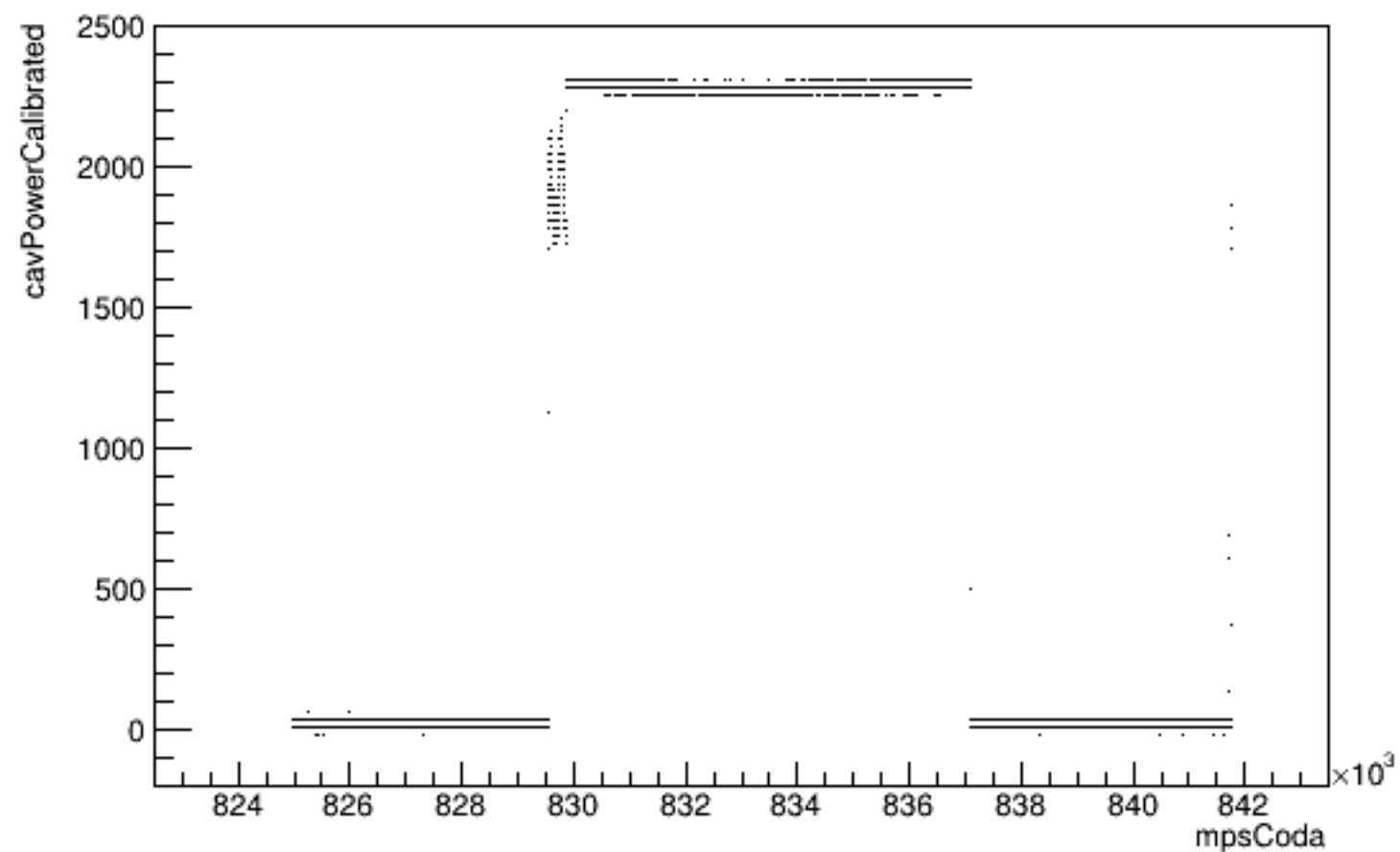
laserState:mpsCoda {mpsCoda>=824989 && mpsCoda<=841740}



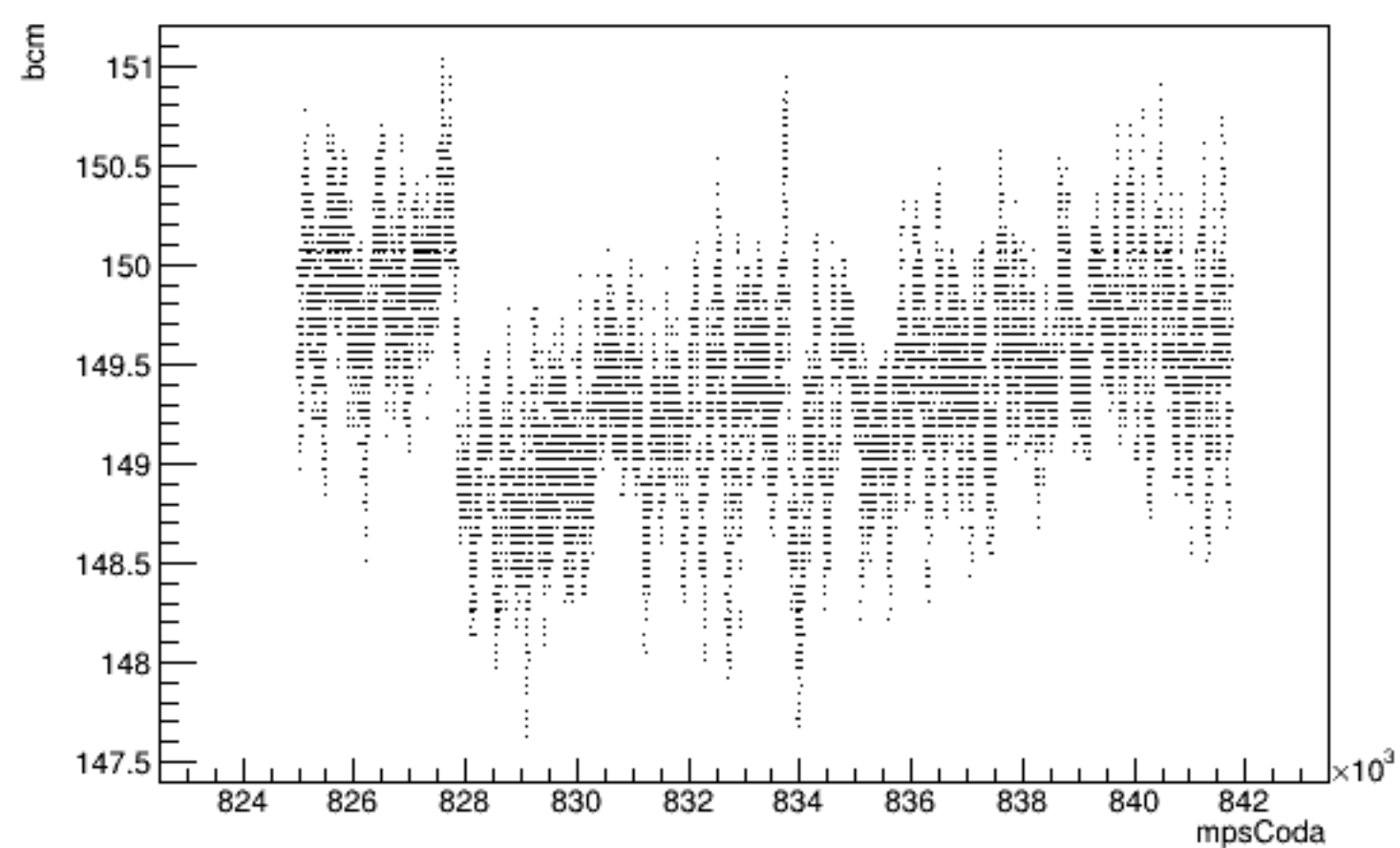
beamState + 1:mpsCoda {mpsCoda>=824989 && mpsCoda<=841740}



cavPowerCalibrated:mpsCoda {mpsCoda>=824989 && mpsCoda<=841740}



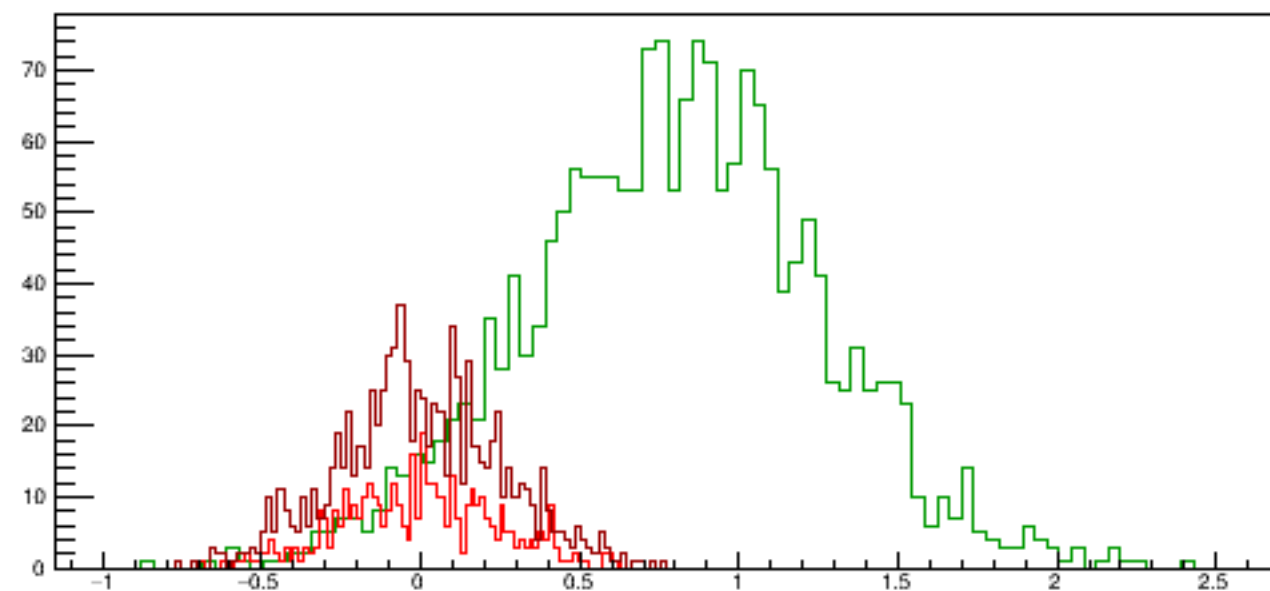
bcm:mpsCoda {mpsCoda>=824989 && mpsCoda<=841740}



Cycle 27, Diffs

Entries: 427	Entries: 1933	Entries: 892
Mean: -0.0049 +/- 0.0118	Mean: 0.7935 +/- 0.0105	Mean: -0.0028 +/- 0.0086
Std Dev: 0.2447 +/- 0.0084	Std Dev: 0.4621 +/- 0.0074	Std Dev: 0.2569 +/- 0.0061

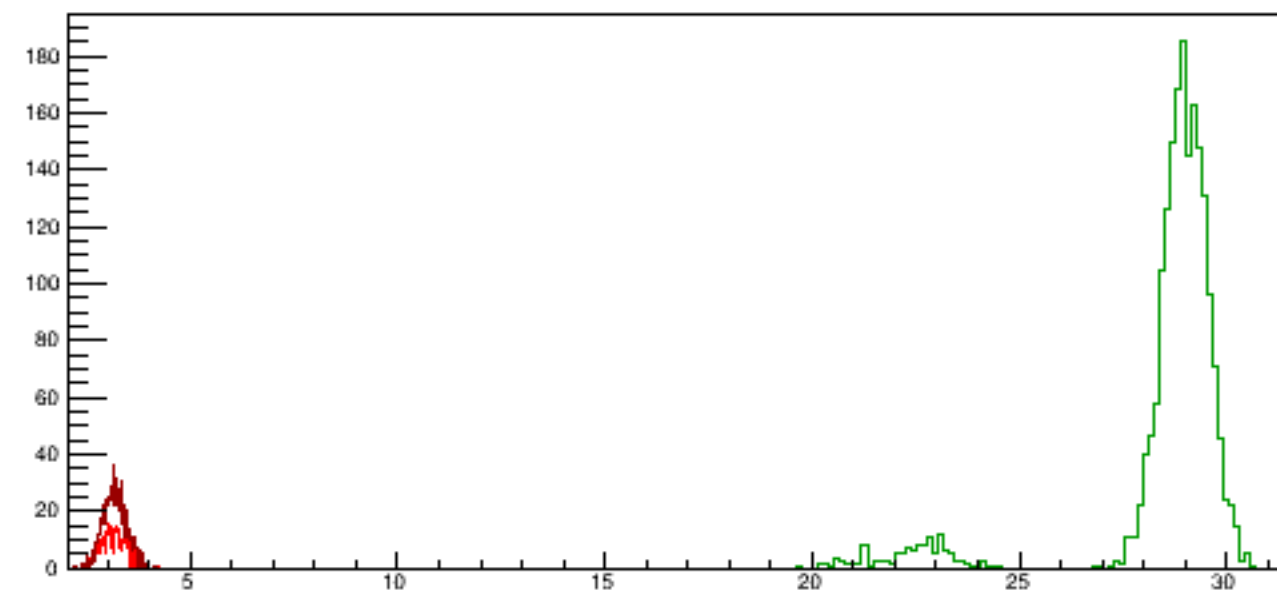
Run 5680 quartetwise, Diffs



Cycle 27, Sums

Entries: 427	Entries: 1933	Entries: 892
Mean: 3.1440 +/- 0.0145	Mean: 28.5345 +/- 0.0402	Mean: 3.1824 +/- 0.0099
Std Dev: 0.3000 +/- 0.0103	Std Dev: 1.7655 +/- 0.0284	Std Dev: 0.2944 +/- 0.0070

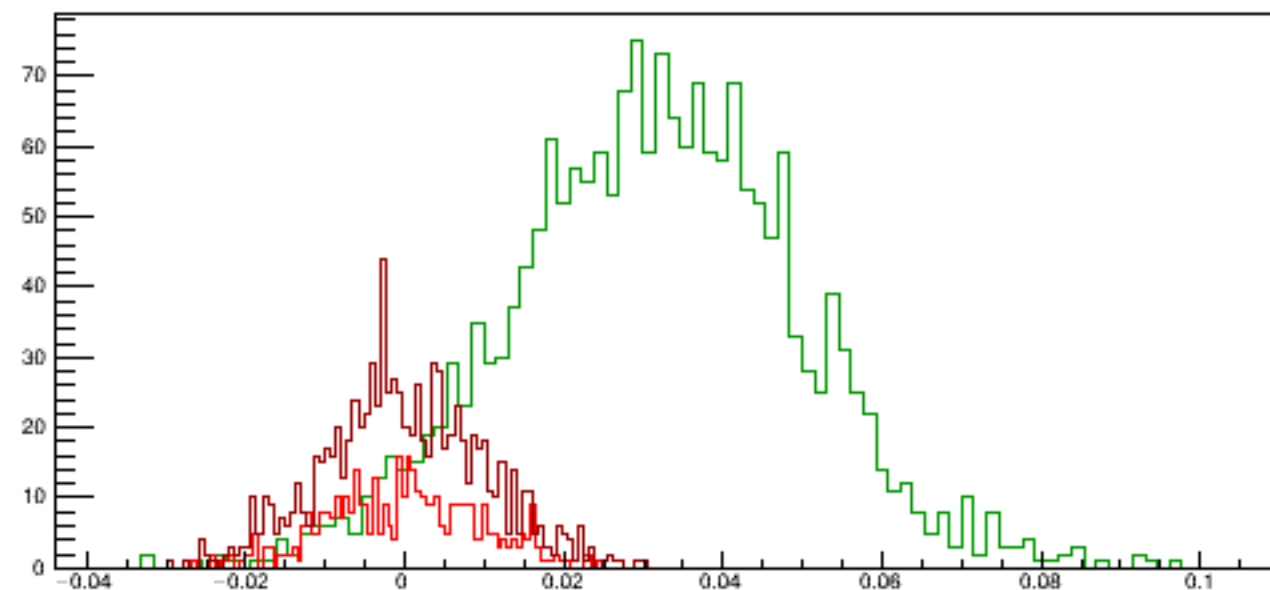
Run 5680 quartetwise, Sums



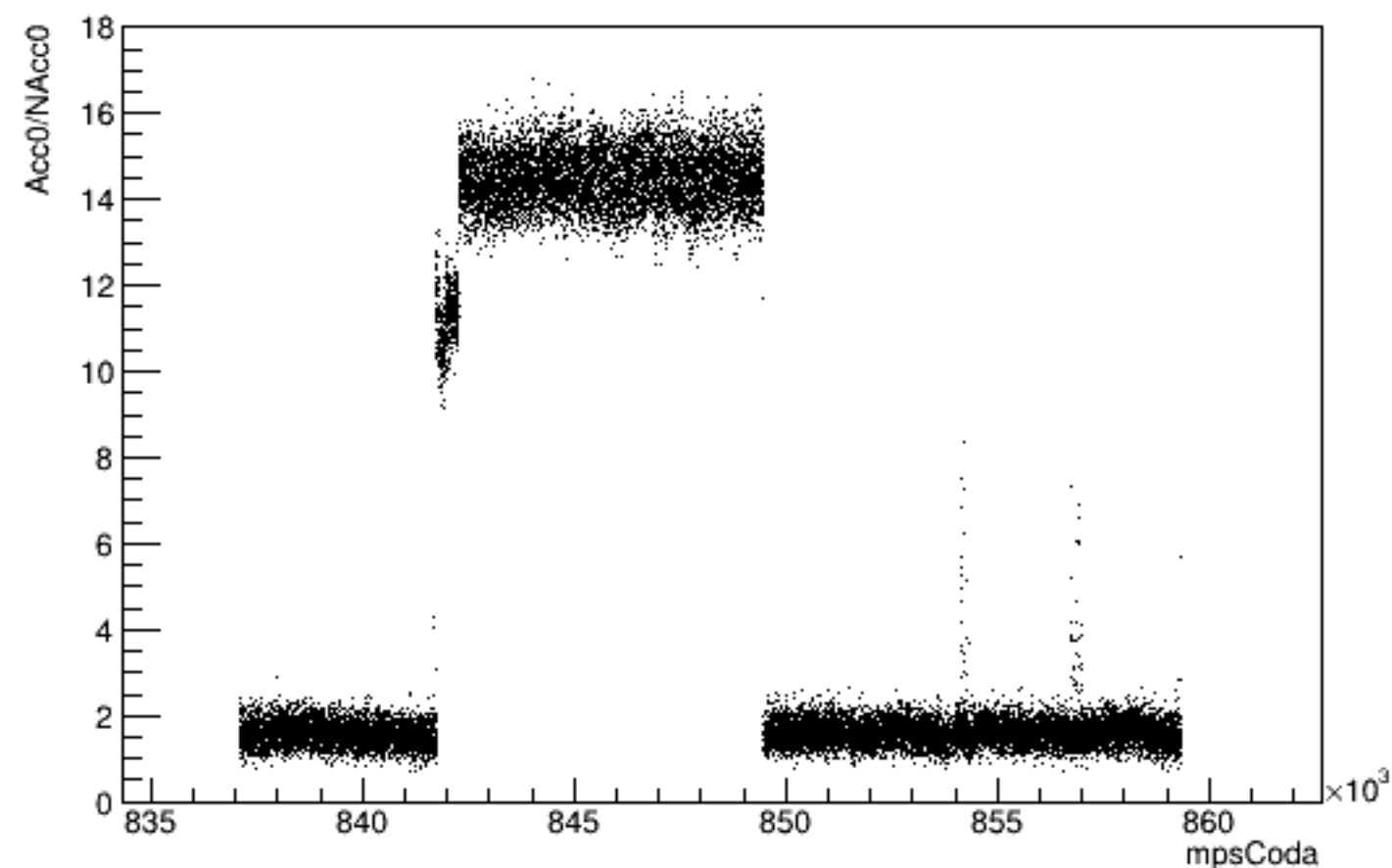
Cycle 27, Asyms

Entries: 427	Entries: 1933	Entries: 892
Mean: -0.0002 +/- 0.0005	Mean: 0.0313 +/- 0.0004	Mean: -0.0001 +/- 0.0003
Std Dev: 0.0096 +/- 0.0003	Std Dev: 0.0182 +/- 0.0003	Std Dev: 0.0101 +/- 0.0002

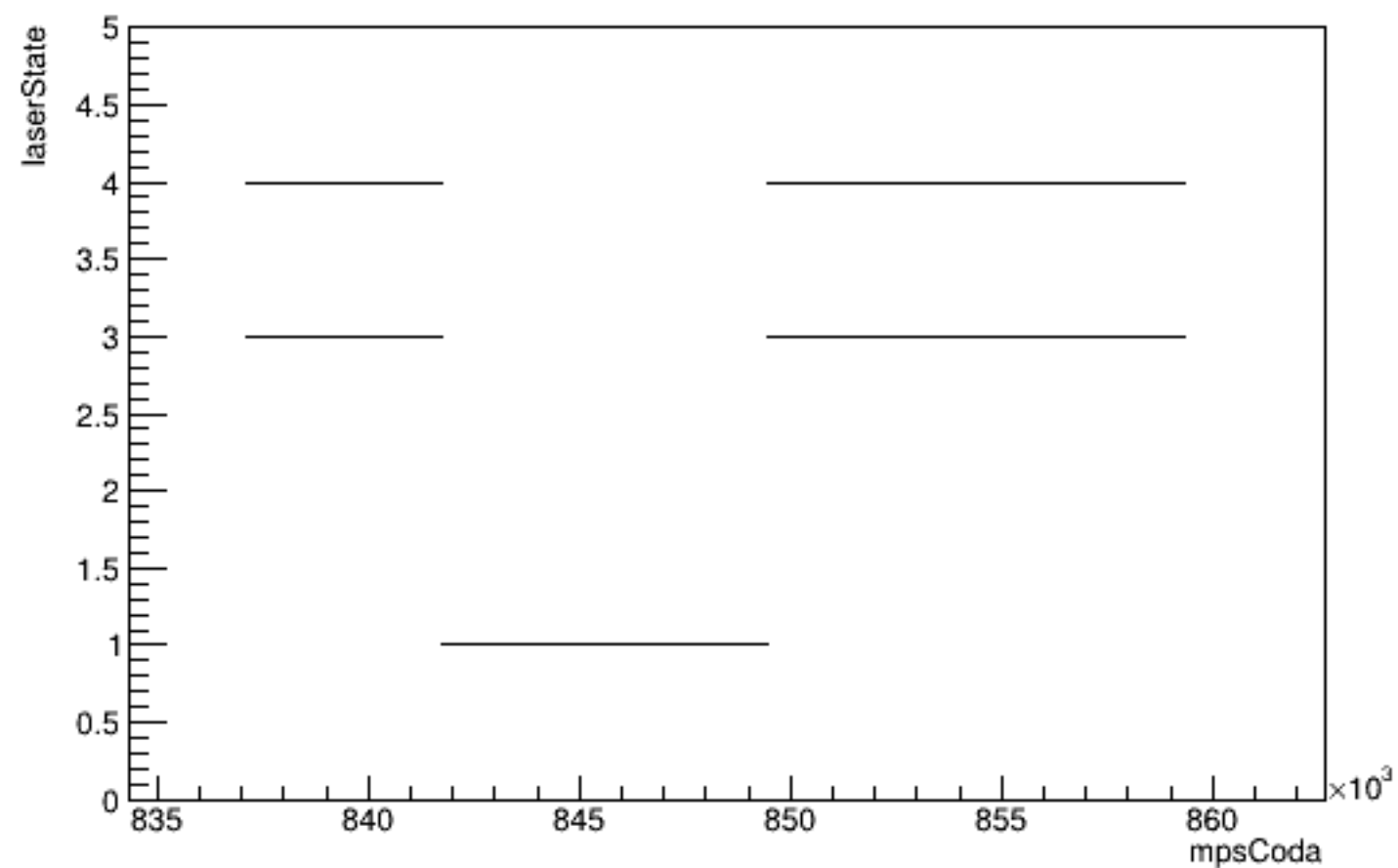
Run 5680 quartetwise, Asyms



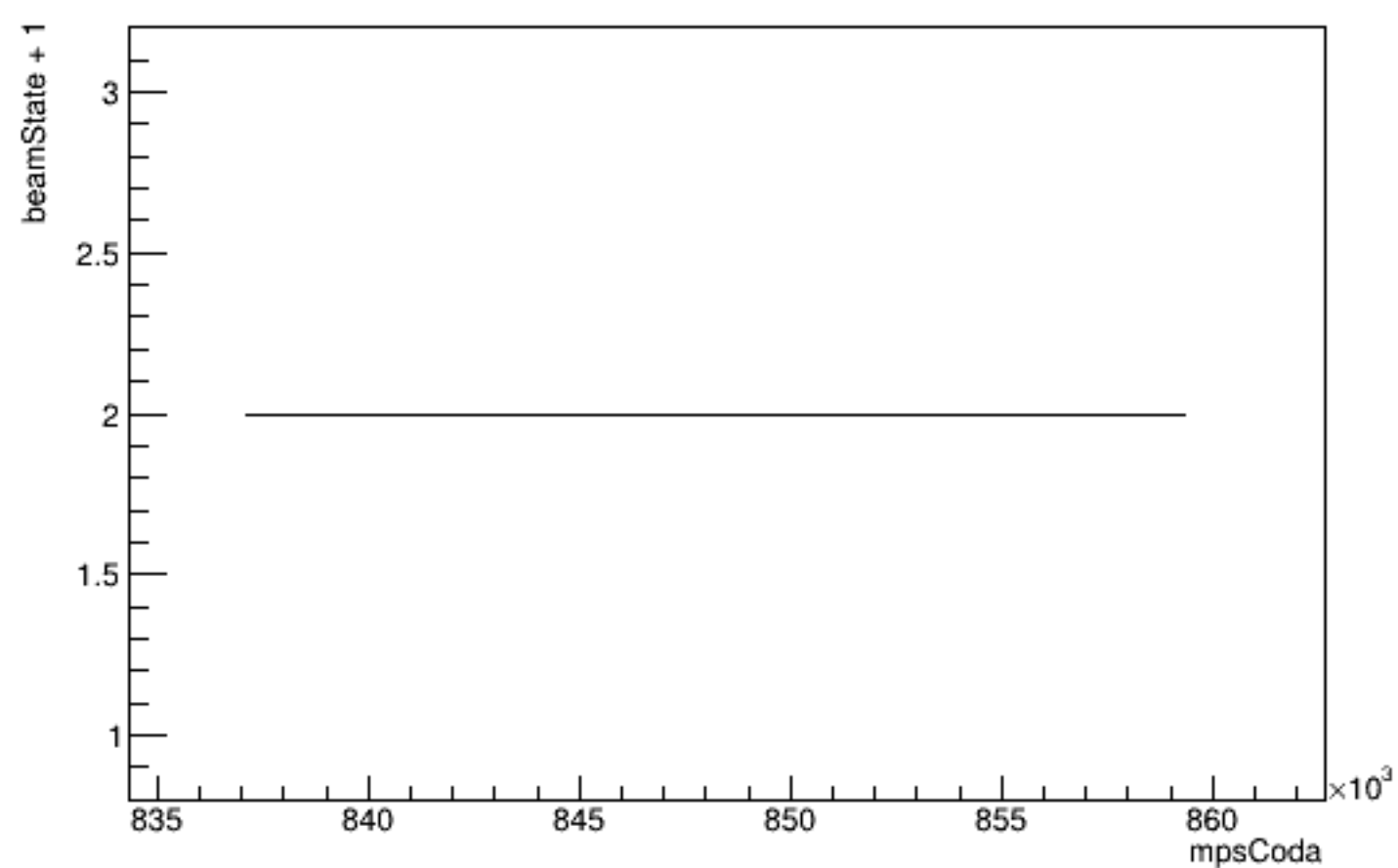
Acc0/NAcc0:mpsCoda (mpsCoda>=837109 && mpsCoda<=859332 && beamState==1)



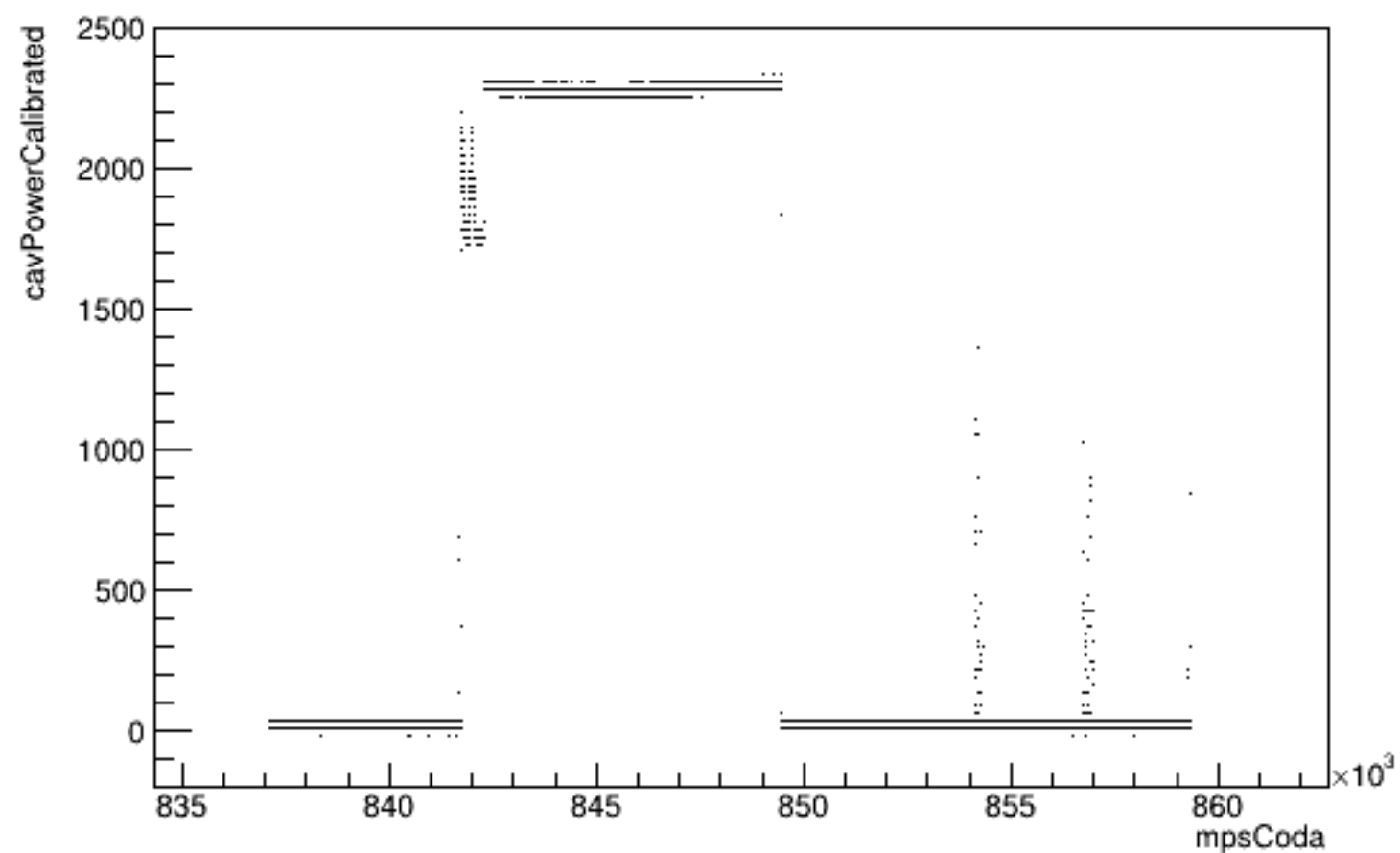
laserState:mpsCoda {mpsCoda>=837109 && mpsCoda<=859332}



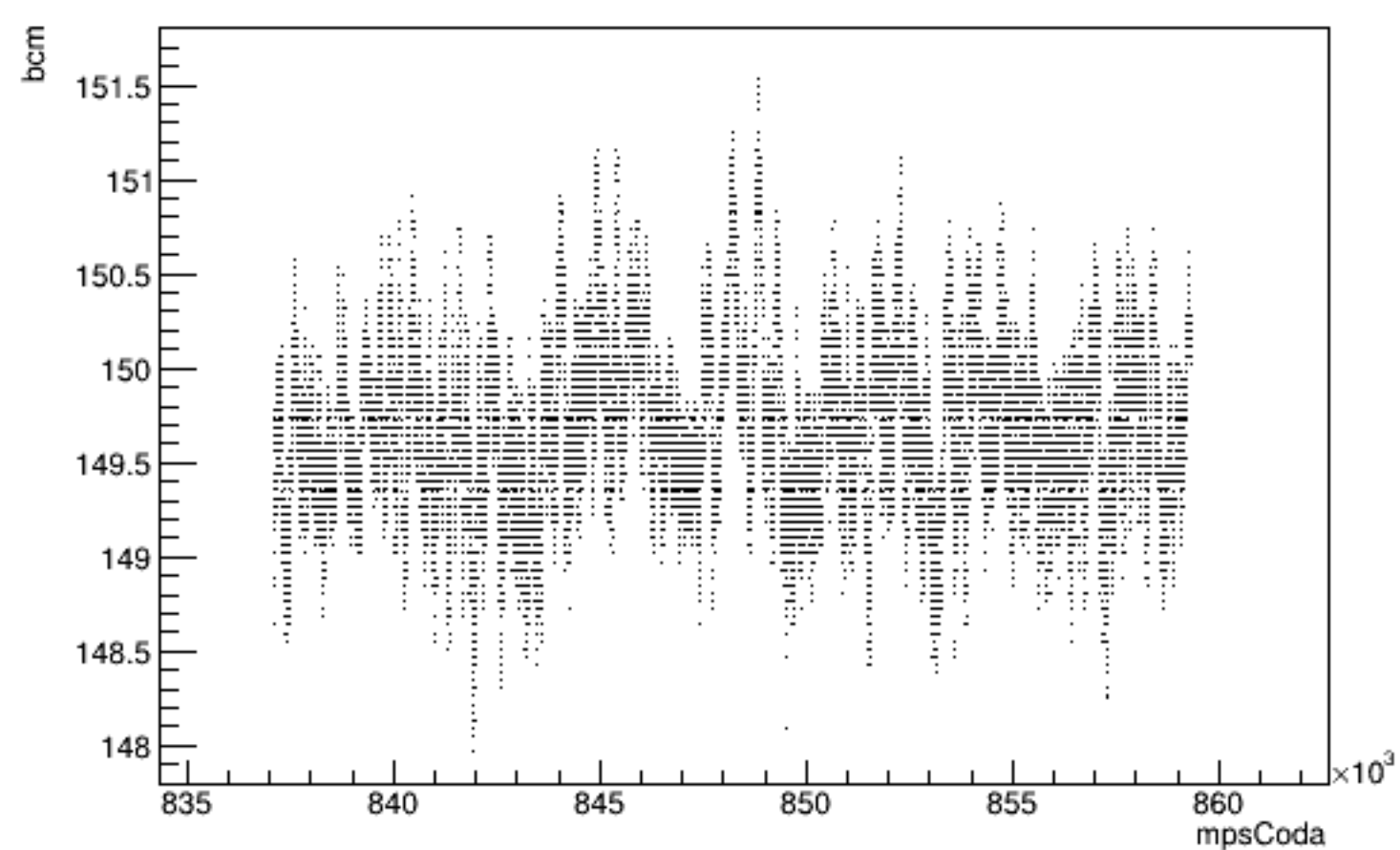
beamState + 1:mpsCoda {mpsCoda>=837109 && mpsCoda<=859332}



cavPowerCalibrated:mpsCoda {mpsCoda>=837109 && mpsCoda<=859332}



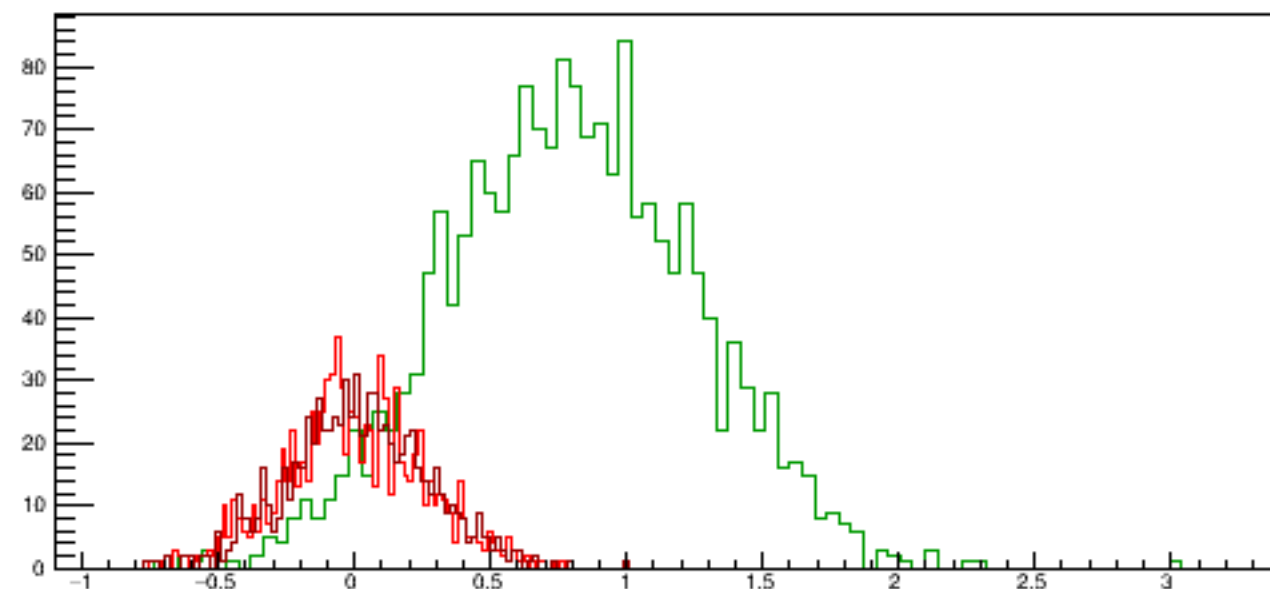
bcm:mpsCoda {mpsCoda>=837109 && mpsCoda<=859332}



Cycle 28, Diffs

Entries: 892	Entries: 1906	Entries: 781
Mean: -0.0028 +/- 0.0086	Mean: 0.7912 +/- 0.0105	Mean: 0.0145 +/- 0.0091
Std Dev: 0.2569 +/- 0.0061	Std Dev: 0.4587 +/- 0.0074	Std Dev: 0.2550 +/- 0.0065

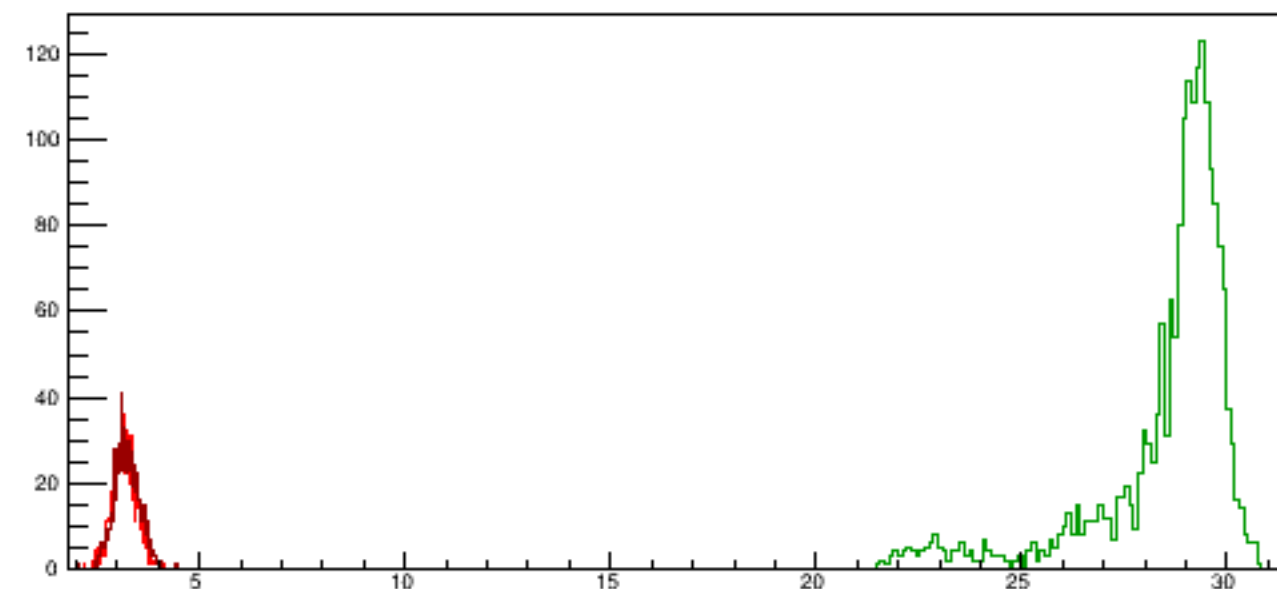
Run 5680 quartetwise, Diffs



Cycle 28, Sums

Entries: 892	Entries: 1906	Entries: 781
Mean: 3.1824 +/- 0.0099	Mean: 28.5144 +/- 0.0390	Mean: 3.2355 +/- 0.0110
Std Dev: 0.2944 +/- 0.0070	Std Dev: 1.7021 +/- 0.0276	Std Dev: 0.3071 +/- 0.0078

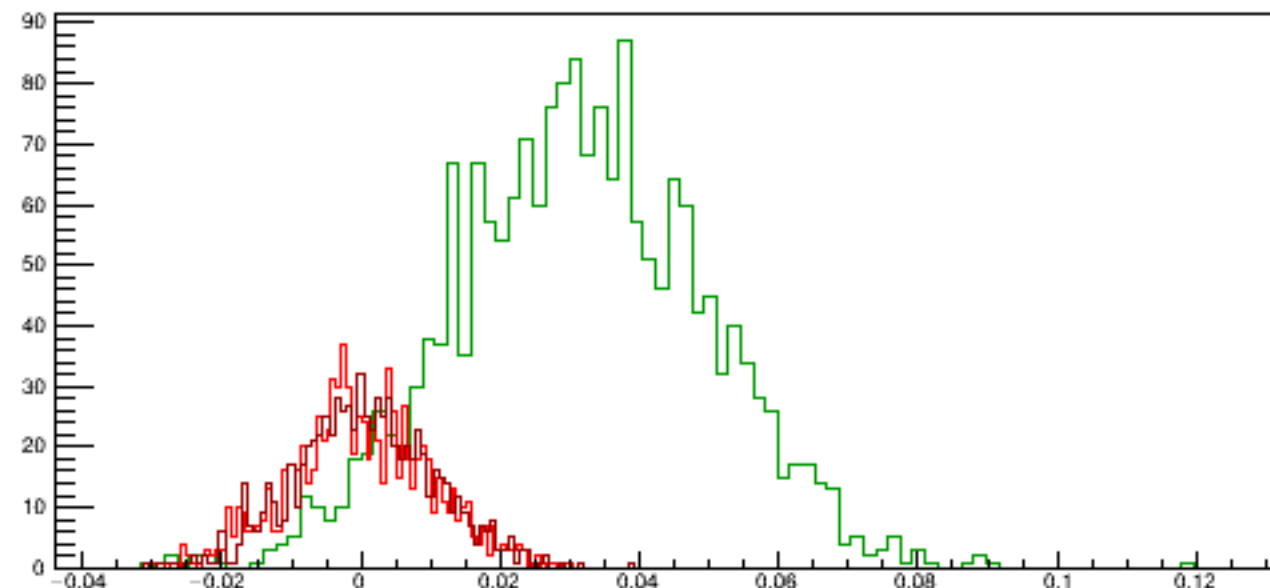
Run 5680 quartetwise, Sums



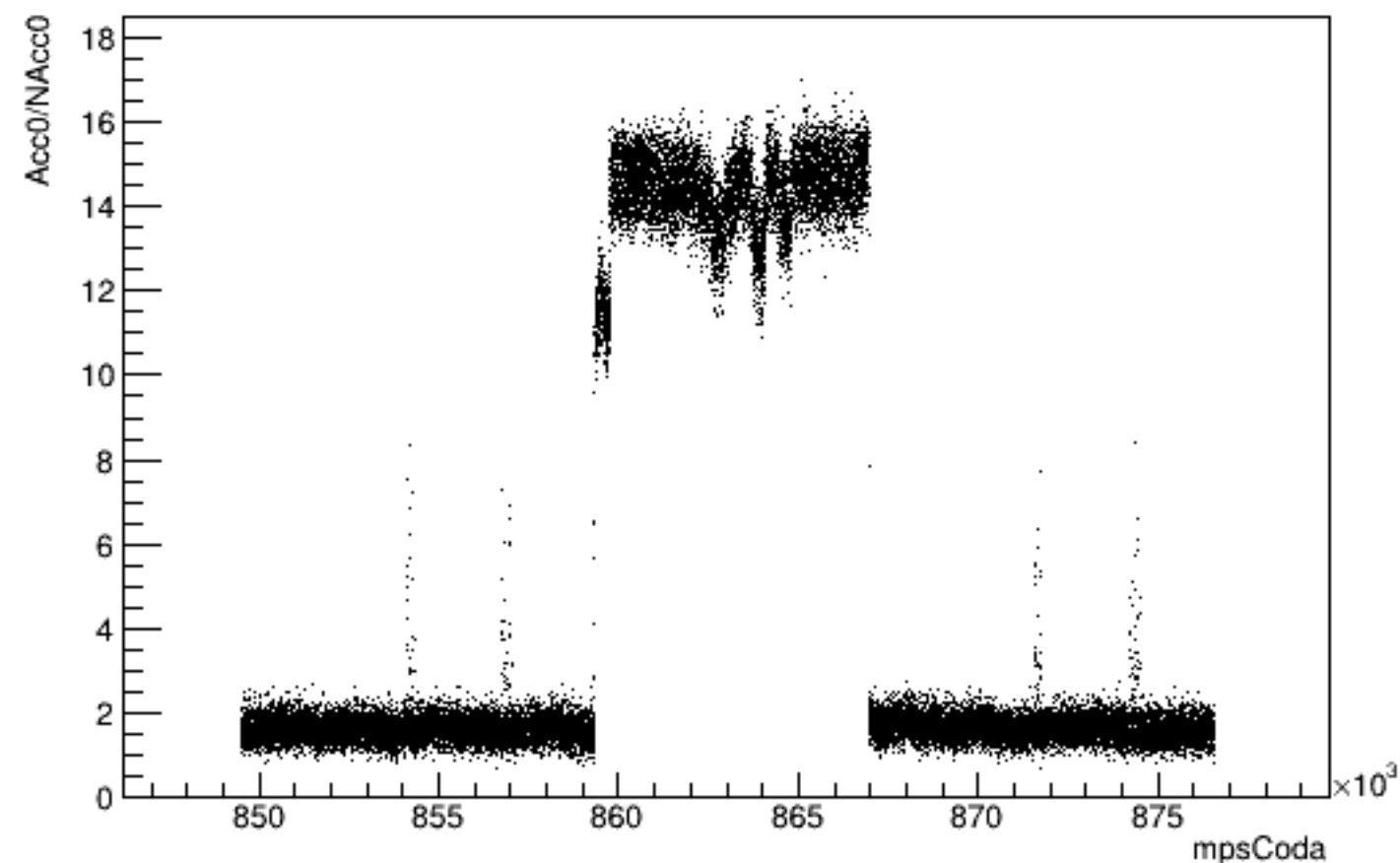
Cycle 28, Asyms

Entries: 892	Entries: 1906	Entries: 781
Mean: -0.0001 +/- 0.0003	Mean: 0.0313 +/- 0.0004	Mean: 0.0006 +/- 0.0004
Std Dev: 0.0102 +/- 0.0002	Std Dev: 0.0181 +/- 0.0003	Std Dev: 0.0101 +/- 0.0003

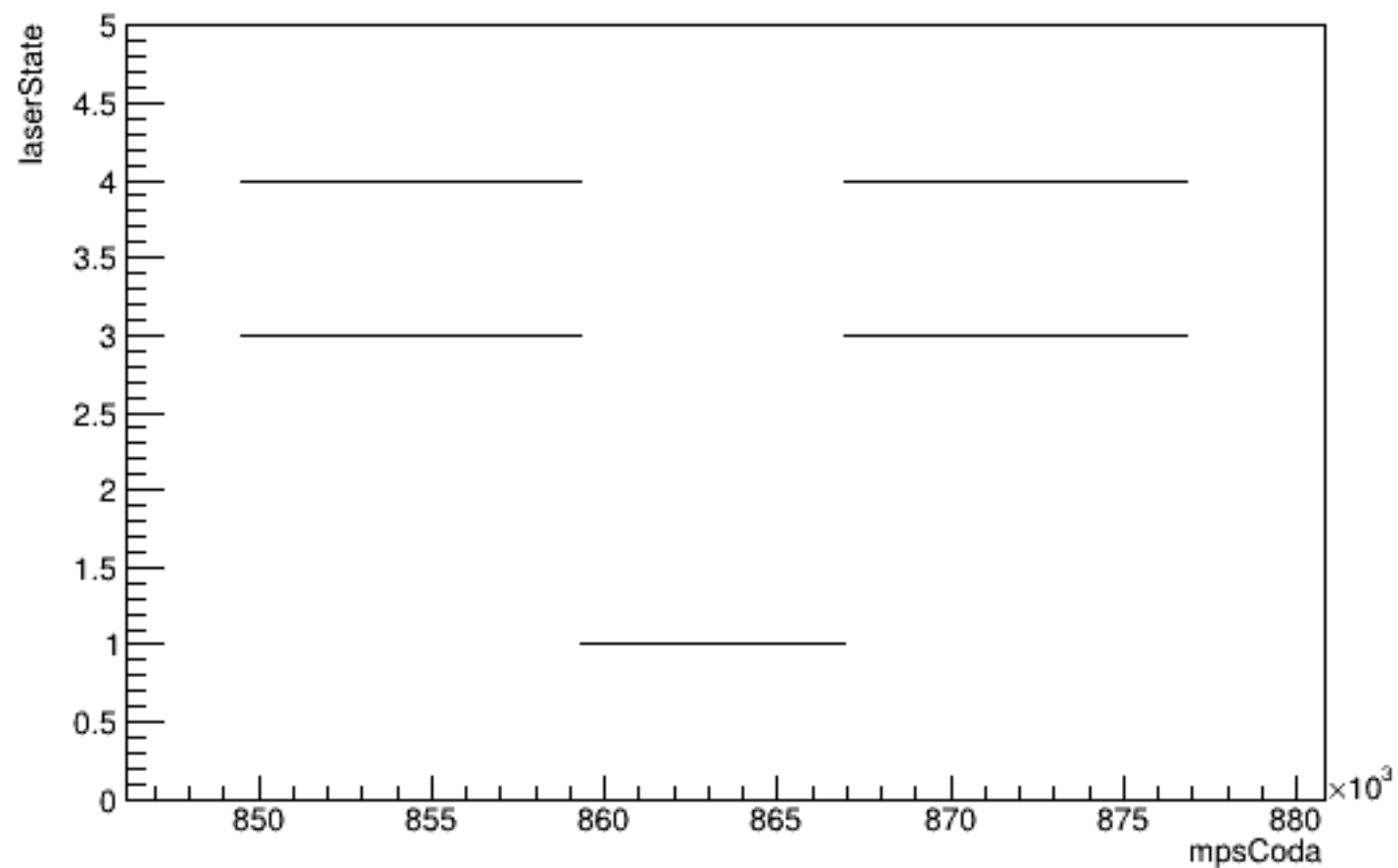
Run 5680 quartetwise, Asyms



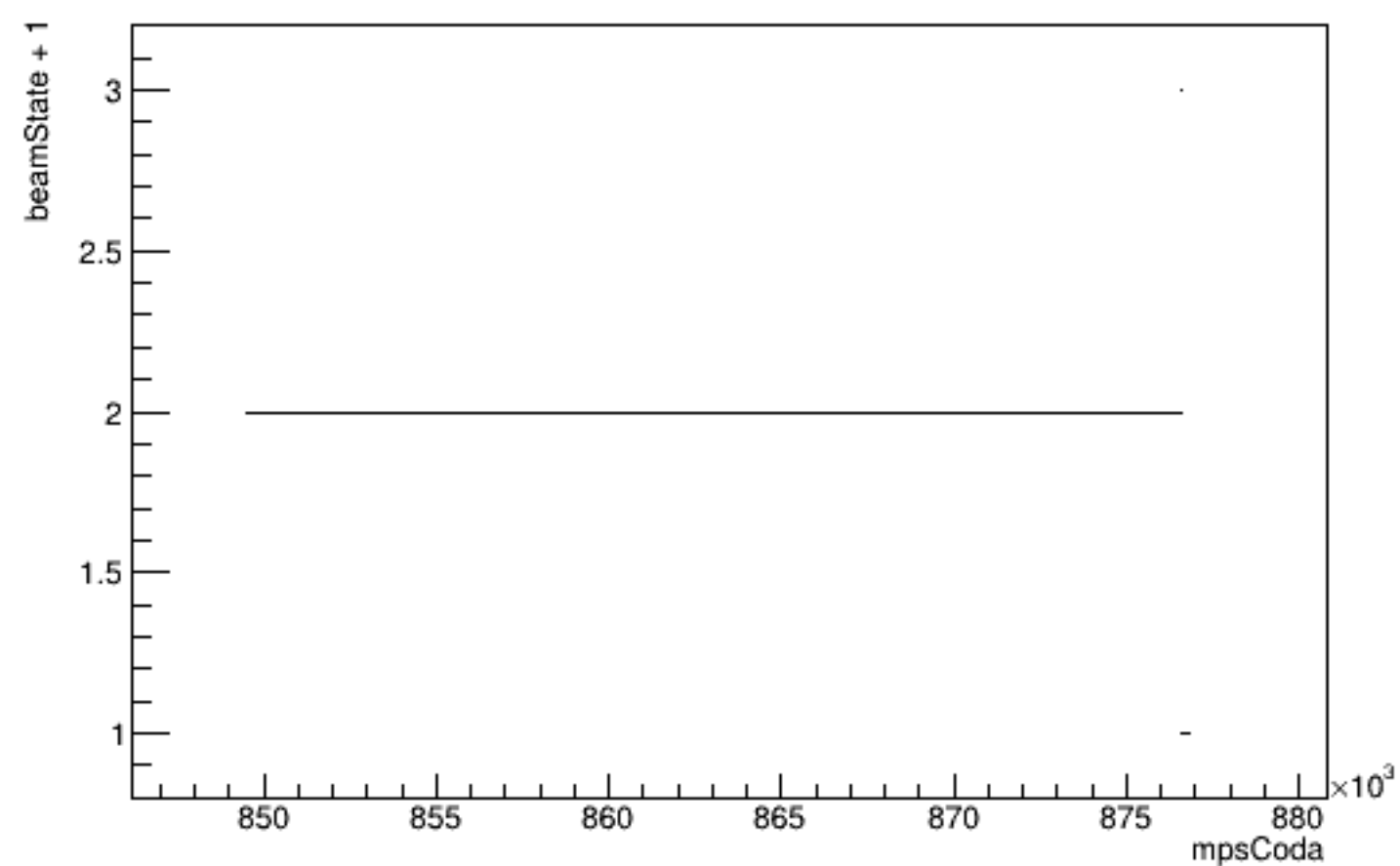
Acc0/NAcc0:mpsCoda (mpsCoda>=849489 && mpsCoda<=876824 && beamState==1)



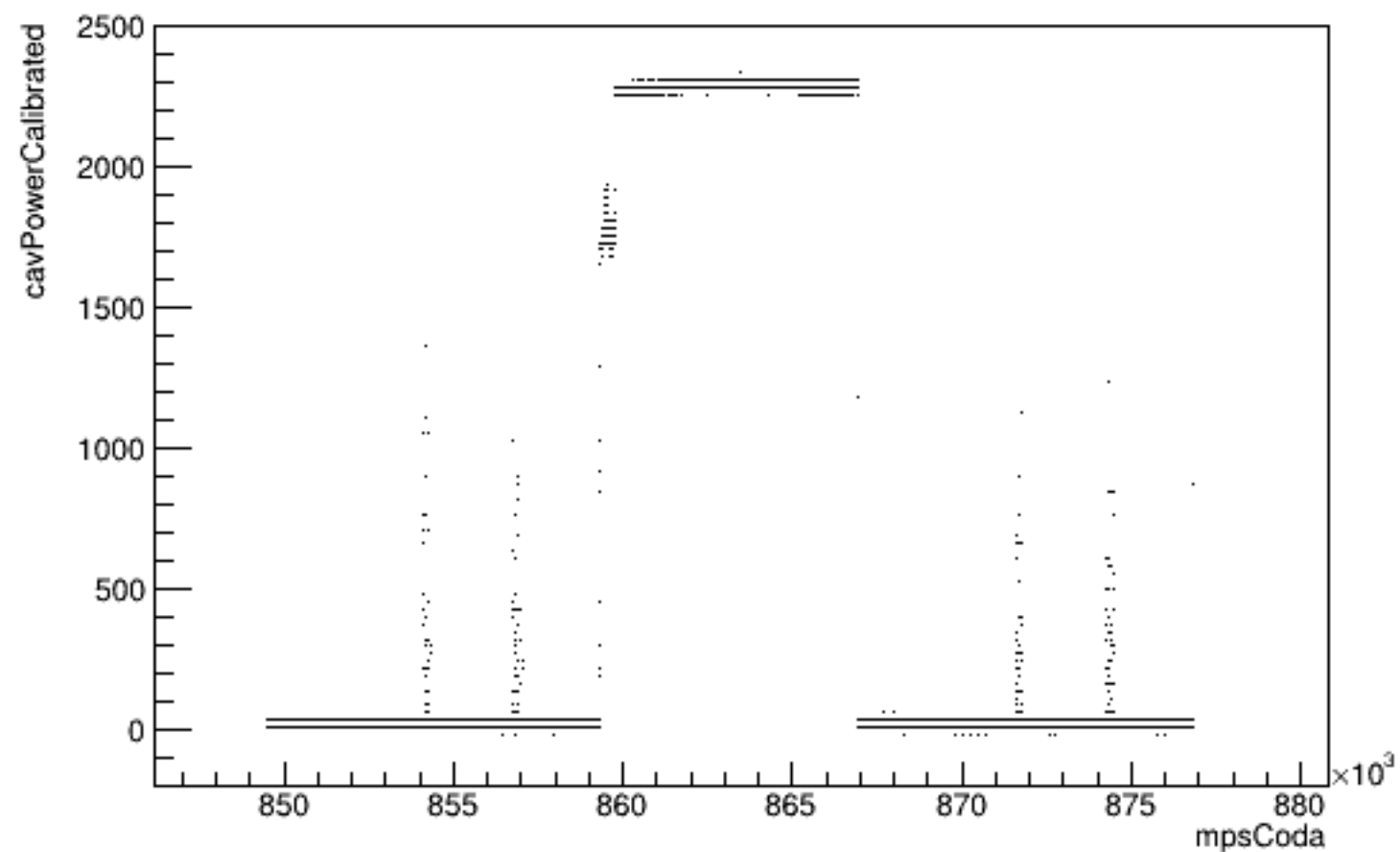
laserState:mpsCoda {mpsCoda>=849489 && mpsCoda<=876824}



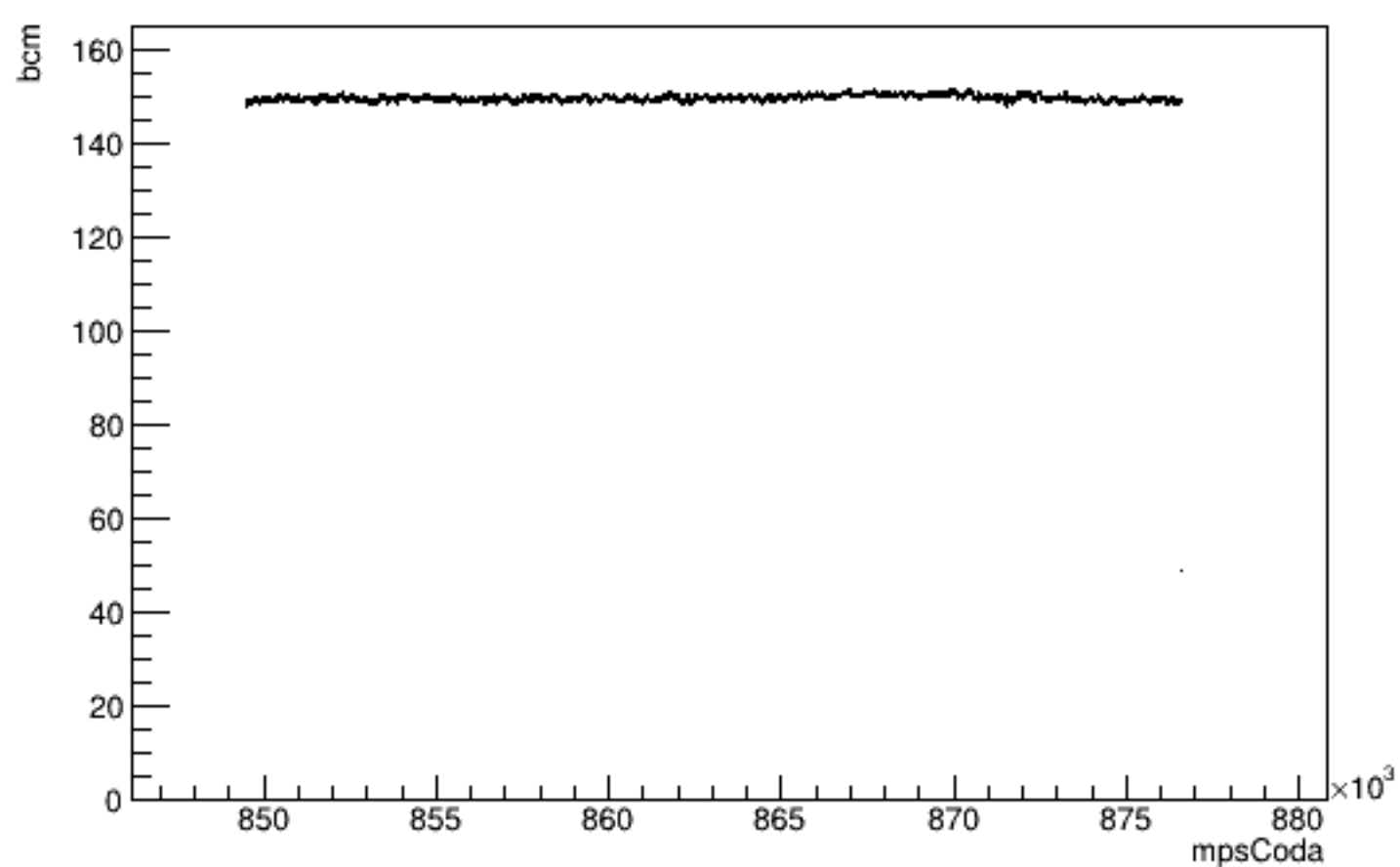
beamState + 1:mpsCoda {mpsCoda>=849489 && mpsCoda<=876824}



cavPowerCalibrated:mpsCoda {mpsCoda>=849489 && mpsCoda<=876824}



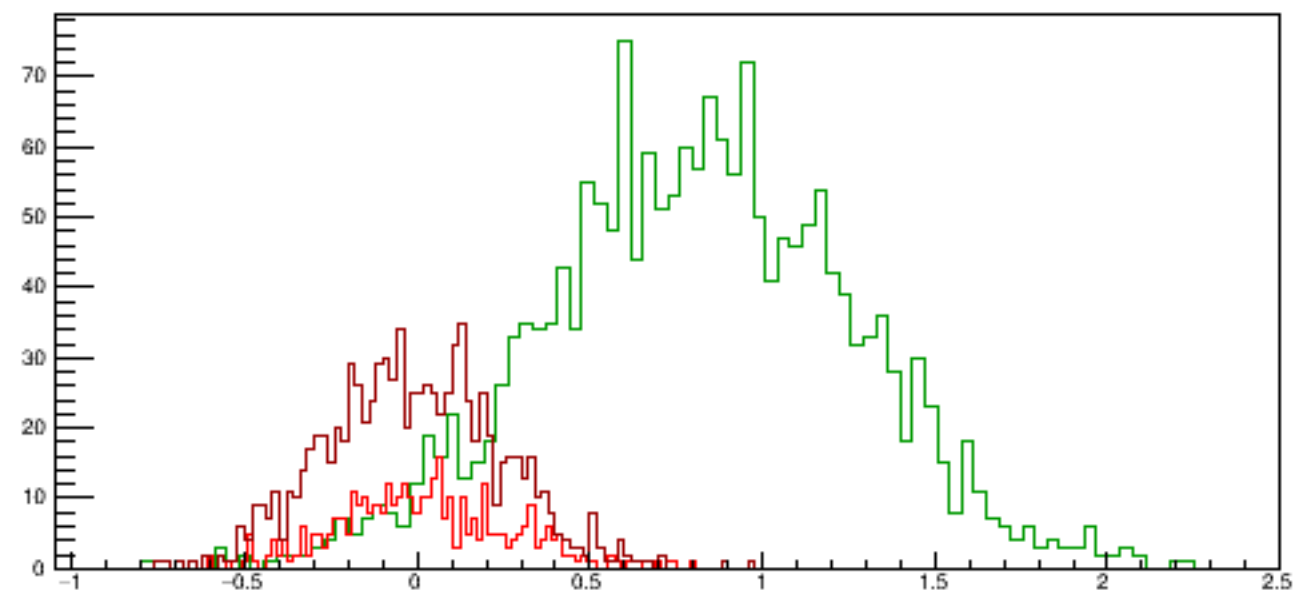
bcm:mpsCoda {mpsCoda>=849489 && mpsCoda<=876824}



Cycle 29, Diffs

Entries: 376	Entries: 1900	Entries: 901
Mean: 0.0209 +/- 0.0129	Mean: 0.8127 +/- 0.0103	Mean: -0.0091 +/- 0.0084
Std Dev: 0.2508 +/- 0.0091	Std Dev: 0.4503 +/- 0.0073	Std Dev: 0.2520 +/- 0.0059

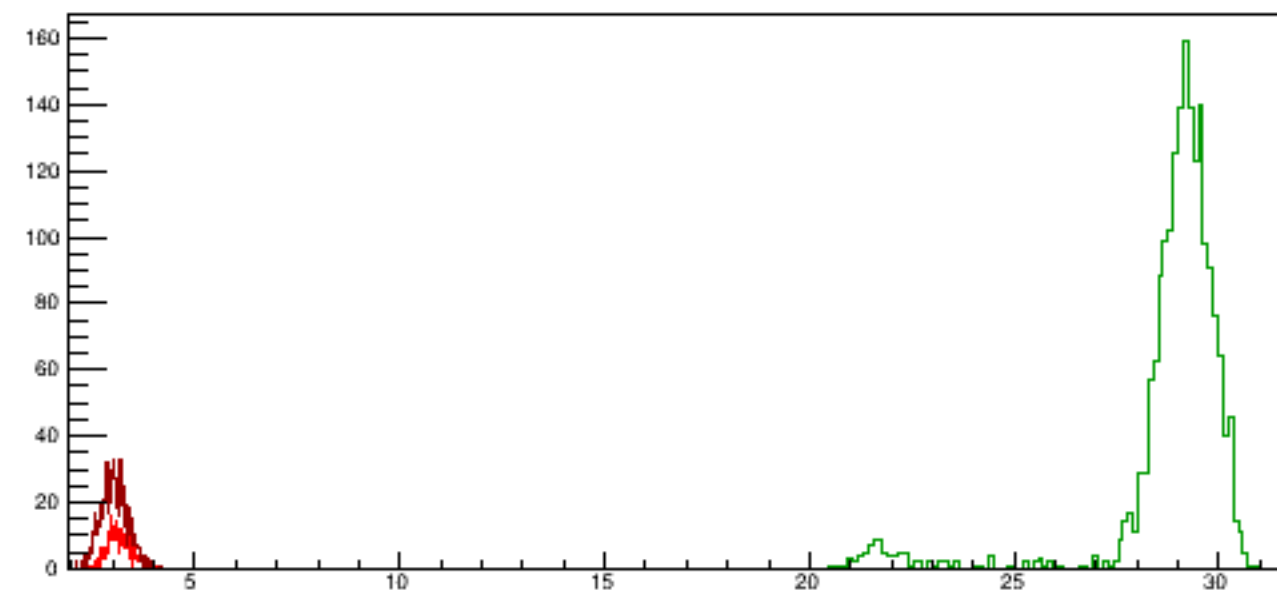
Run 5680 quartetwise, Diffs



Cycle 29, Sums

Entries: 376	Entries: 1900	Entries: 901
Mean: 3.1580 +/- 0.0156	Mean: 28.8363 +/- 0.0373	Mean: 3.0246 +/- 0.0112
Std Dev: 0.3016 +/- 0.0110	Std Dev: 1.6265 +/- 0.0264	Std Dev: 0.3360 +/- 0.0079

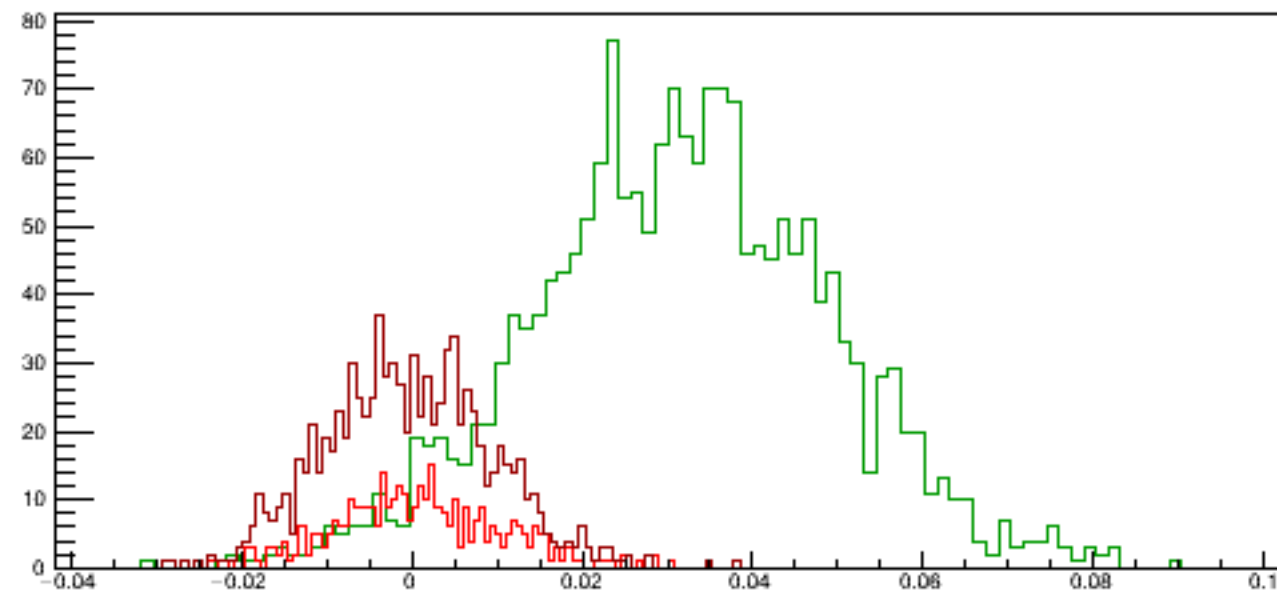
Run 5680 quartetwise, Sums



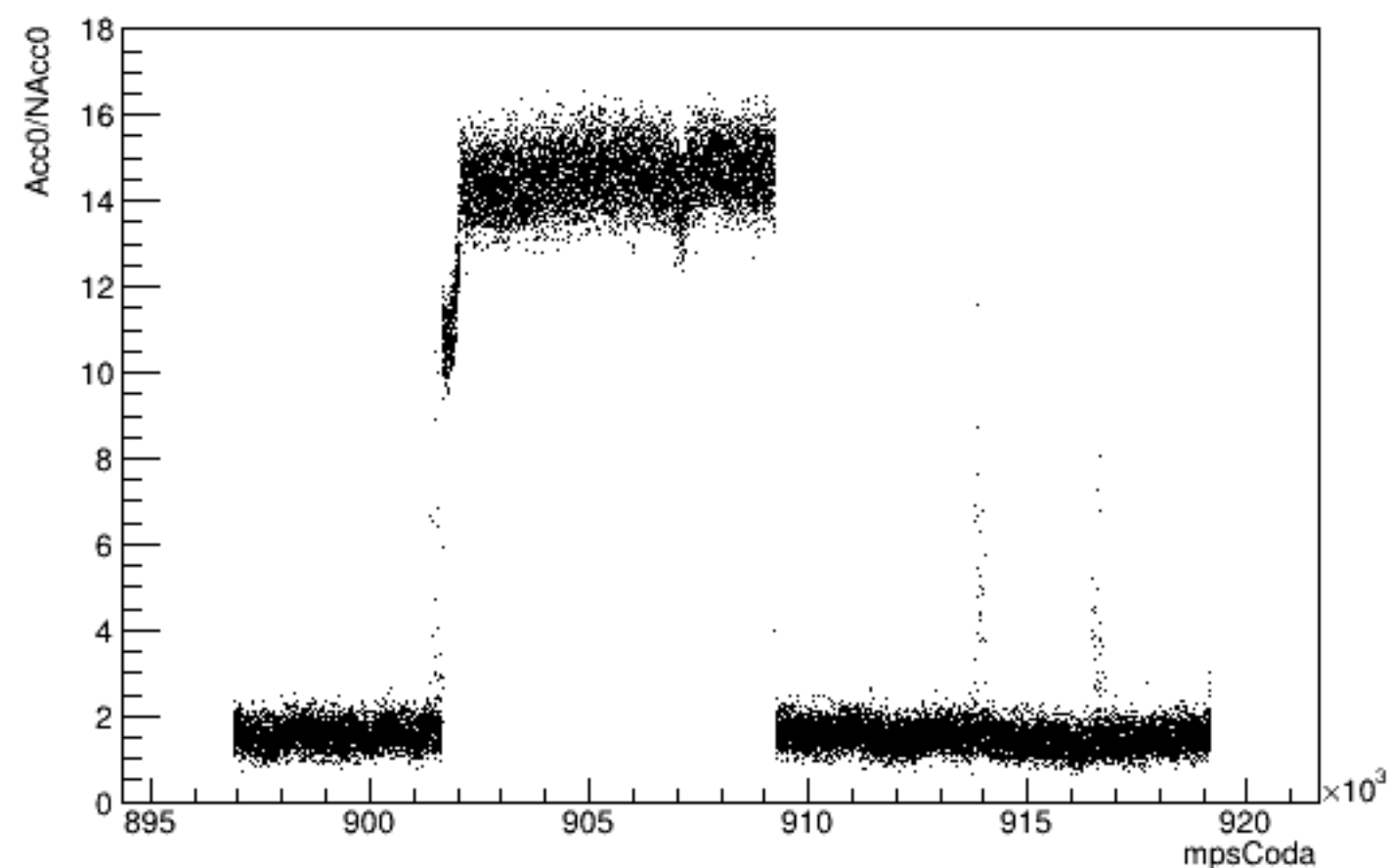
Cycle 29, Asyms

Entries: 376	Entries: 1900	Entries: 901
Mean: 0.0008 +/- 0.0005	Mean: 0.0315 +/- 0.0004	Mean: -0.0004 +/- 0.0003
Std Dev: 0.0097 +/- 0.0004	Std Dev: 0.0175 +/- 0.0003	Std Dev: 0.0098 +/- 0.0002

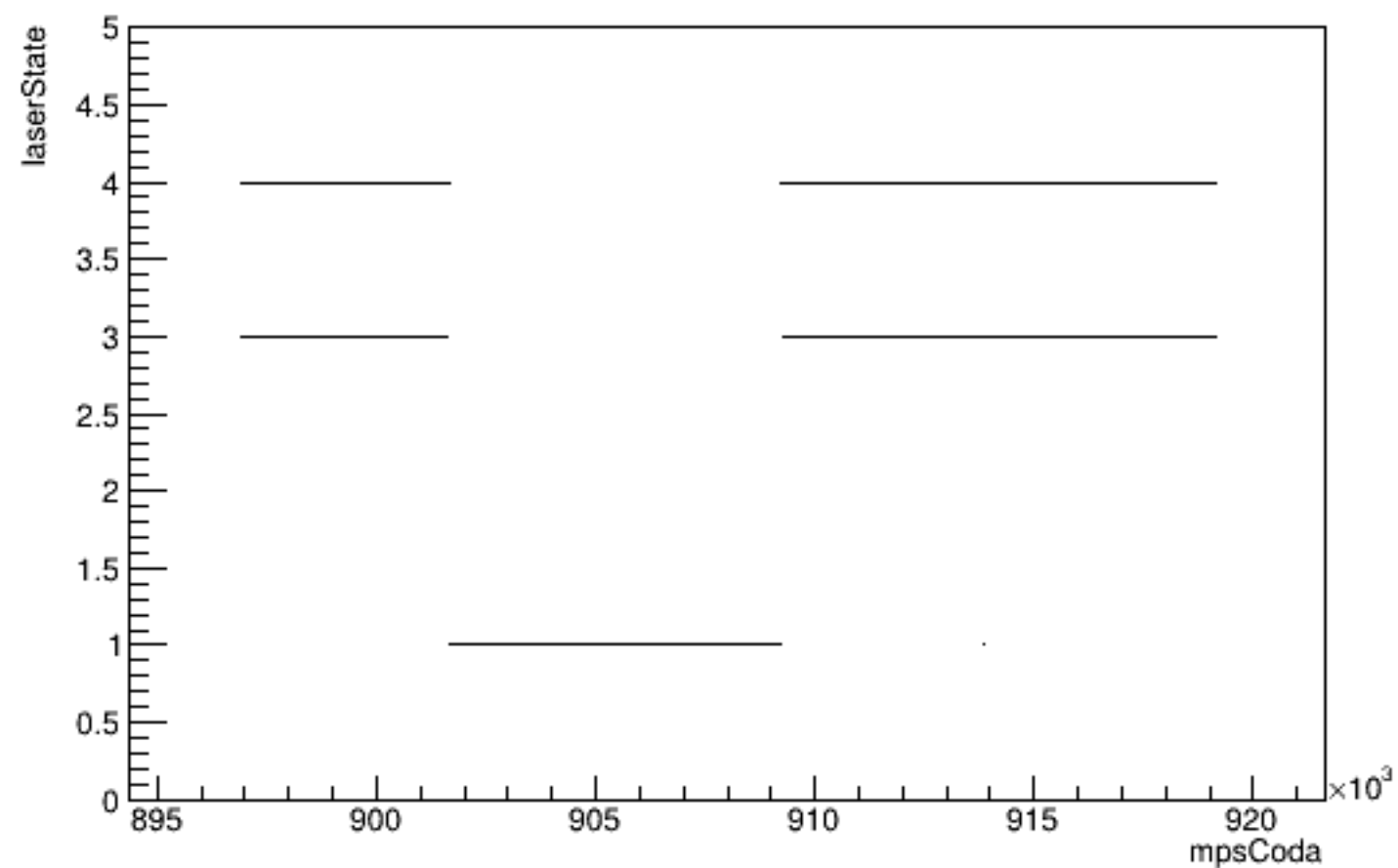
Run 5680 quartetwise, Asyms



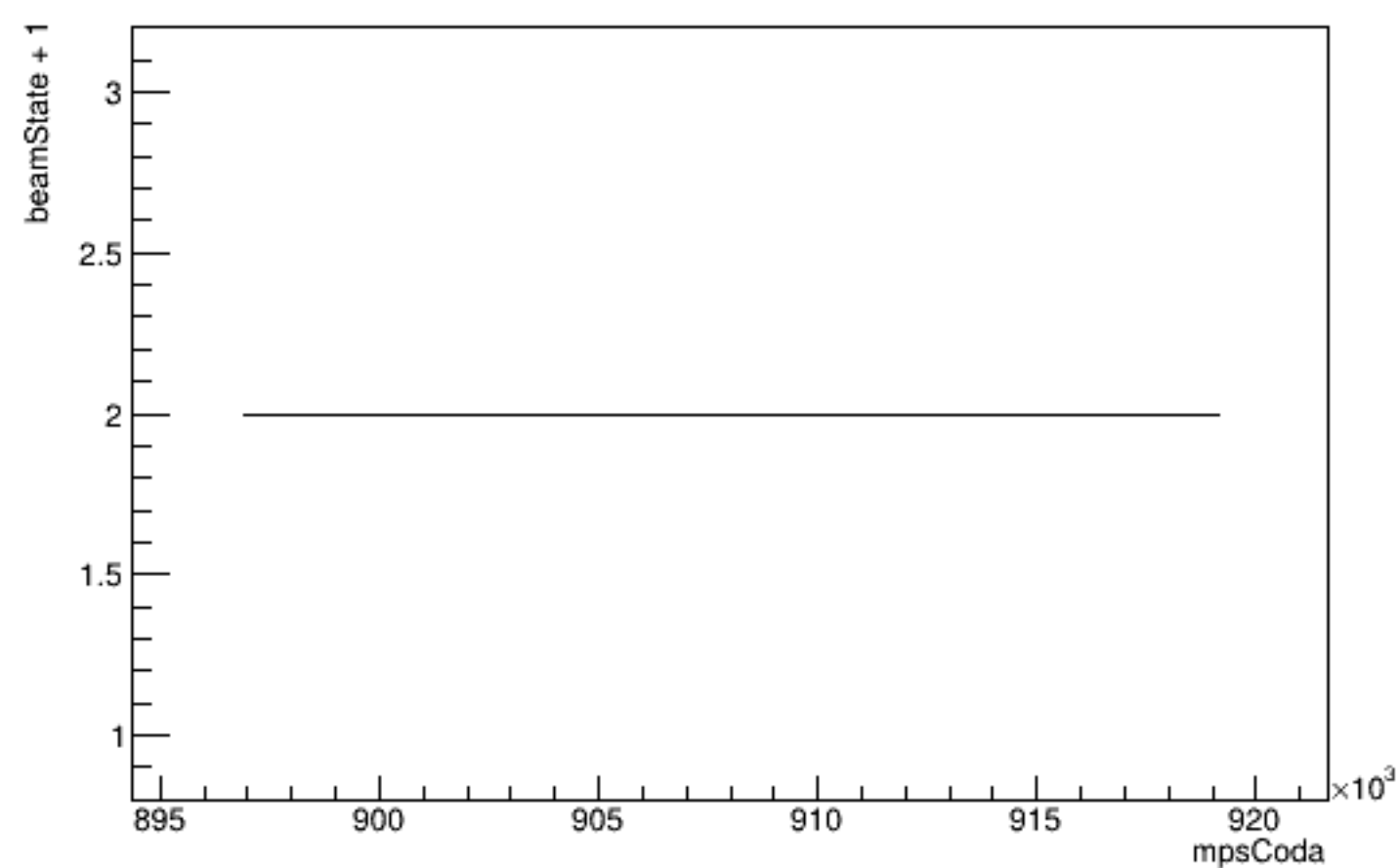
Acc0/NAcc0:mpsCoda (mpsCoda>=896893 && mpsCoda<=919172 && beamState==1)



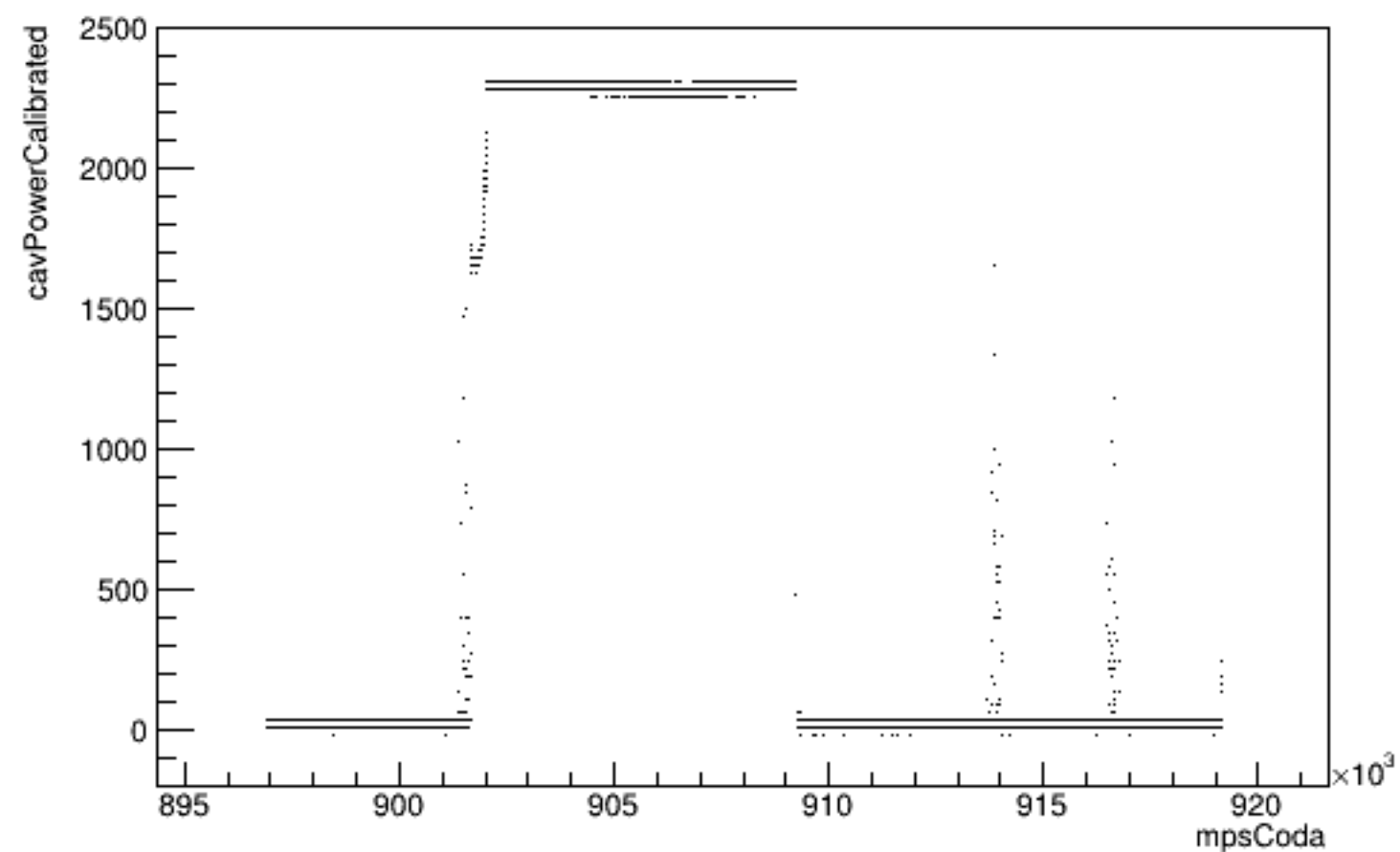
laserState:mpsCoda {mpsCoda>=896893 && mpsCoda<=919172}



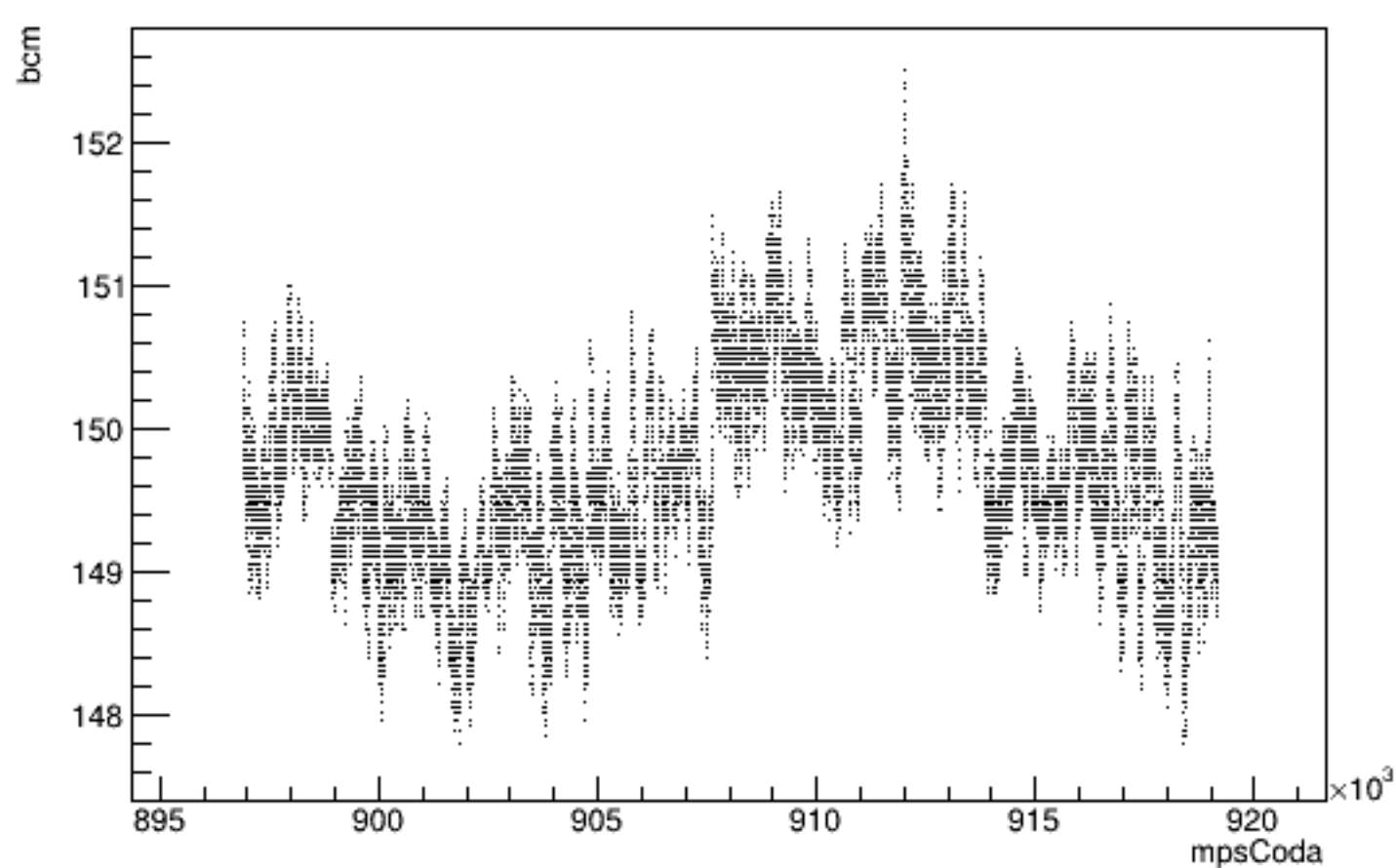
beamState + 1:mpsCoda {mpsCoda>=896893 && mpsCoda<=919172}



cavPowerCalibrated:mpsCoda {mpsCoda>=896893 && mpsCoda<=919172}



bcm:mpsCoda {mpsCoda>=896893 && mpsCoda<=919172}



Cycle 30, Diffs

Entries: 901

Mean: -0.0091 +/- 0.0084

Std Dev: 0.2520 +/- 0.0059

Entries: 1879

Mean: 0.7898 +/- 0.0108

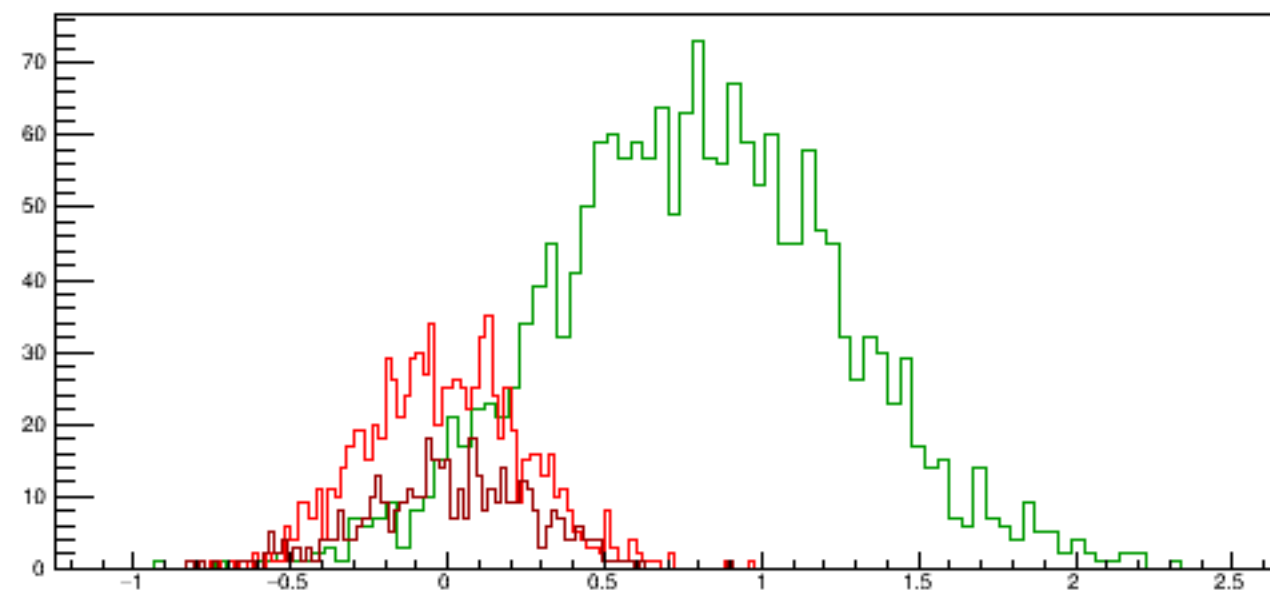
Std Dev: 0.4680 +/- 0.0076

Entries: 420

Mean: 0.0025 +/- 0.0130

Std Dev: 0.2674 +/- 0.0092

Run 5680 quartetwise, Diffs



Cycle 30, Sums

Entries: 901

Mean: 3.0246 +/- 0.0112

Std Dev: 0.3360 +/- 0.0079

Entries: 1879

Mean: 28.4826 +/- 0.0248

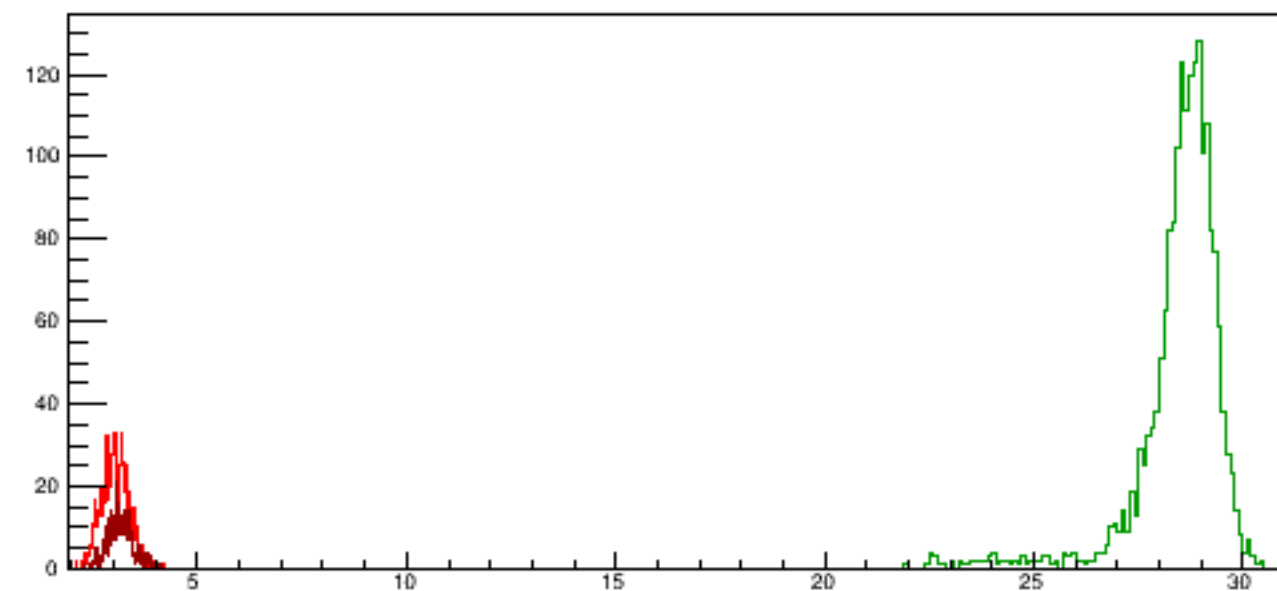
Std Dev: 1.0750 +/- 0.0175

Entries: 420

Mean: 3.1517 +/- 0.0148

Std Dev: 0.3032 +/- 0.0105

Run 5680 quartetwise, Sums



Cycle 30, Asyms

Entries: 901

Mean: -0.0004 +/- 0.0003

Std Dev: 0.0099 +/- 0.0002

Entries: 1879

Mean: 0.0311 +/- 0.0004

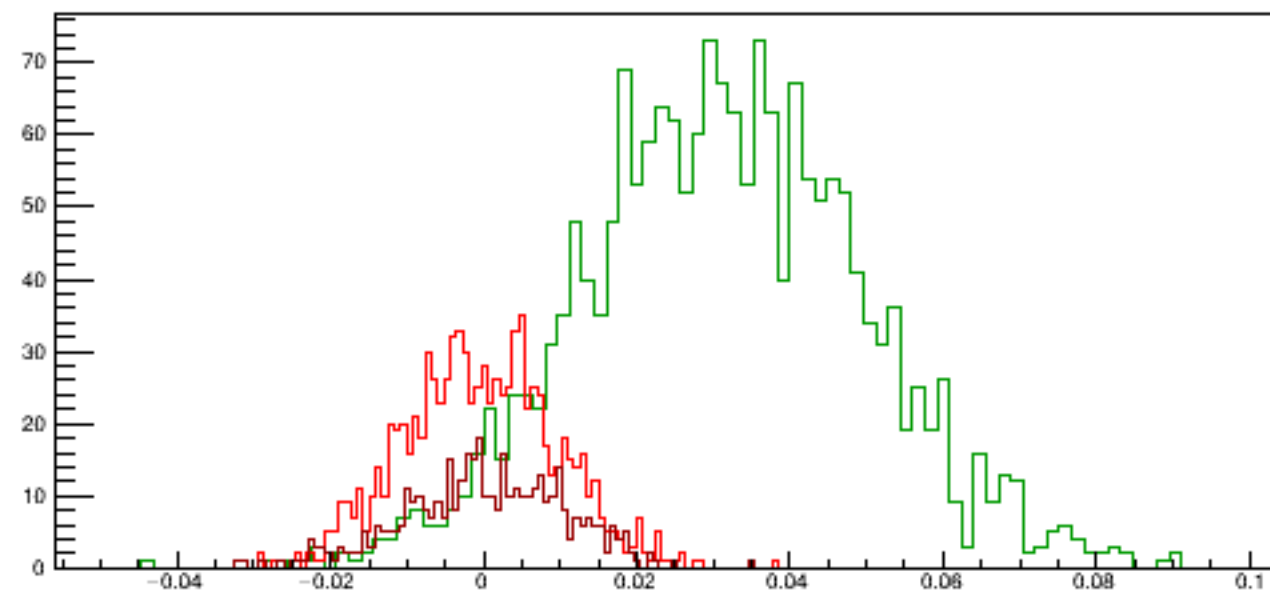
Std Dev: 0.0185 +/- 0.0003

Entries: 420

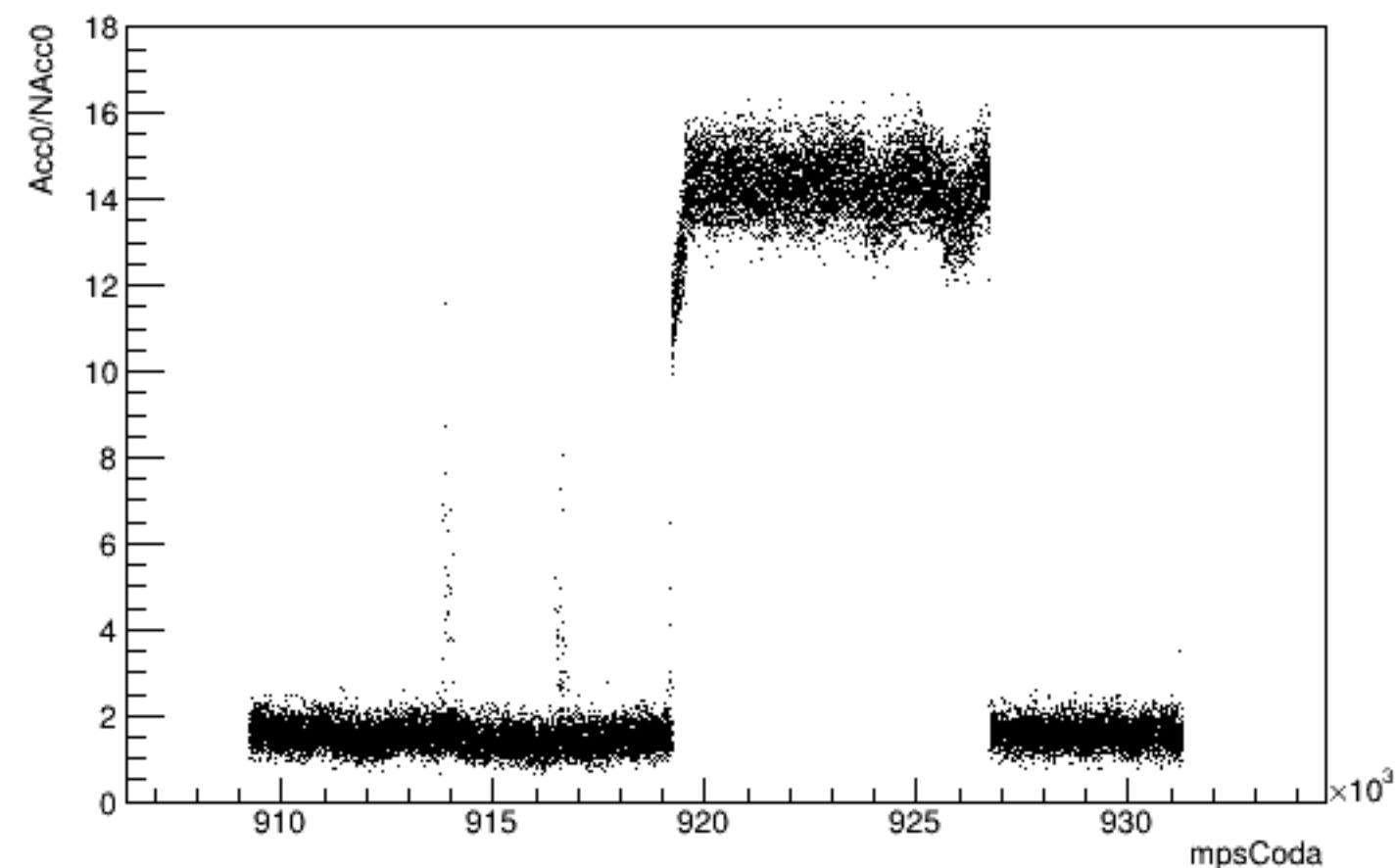
Mean: 0.0001 +/- 0.0005

Std Dev: 0.0105 +/- 0.0004

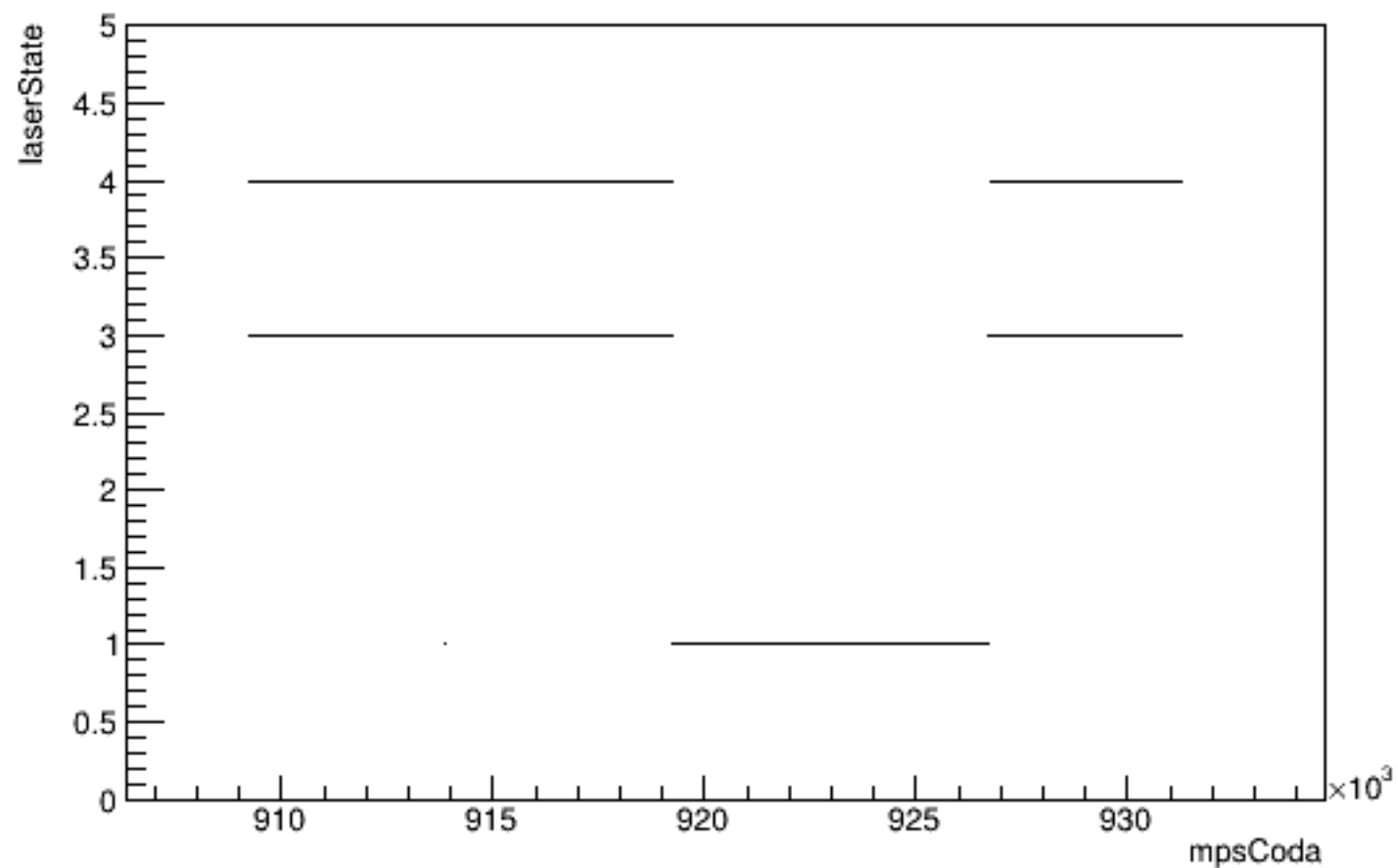
Run 5680 quartetwise, Asyms



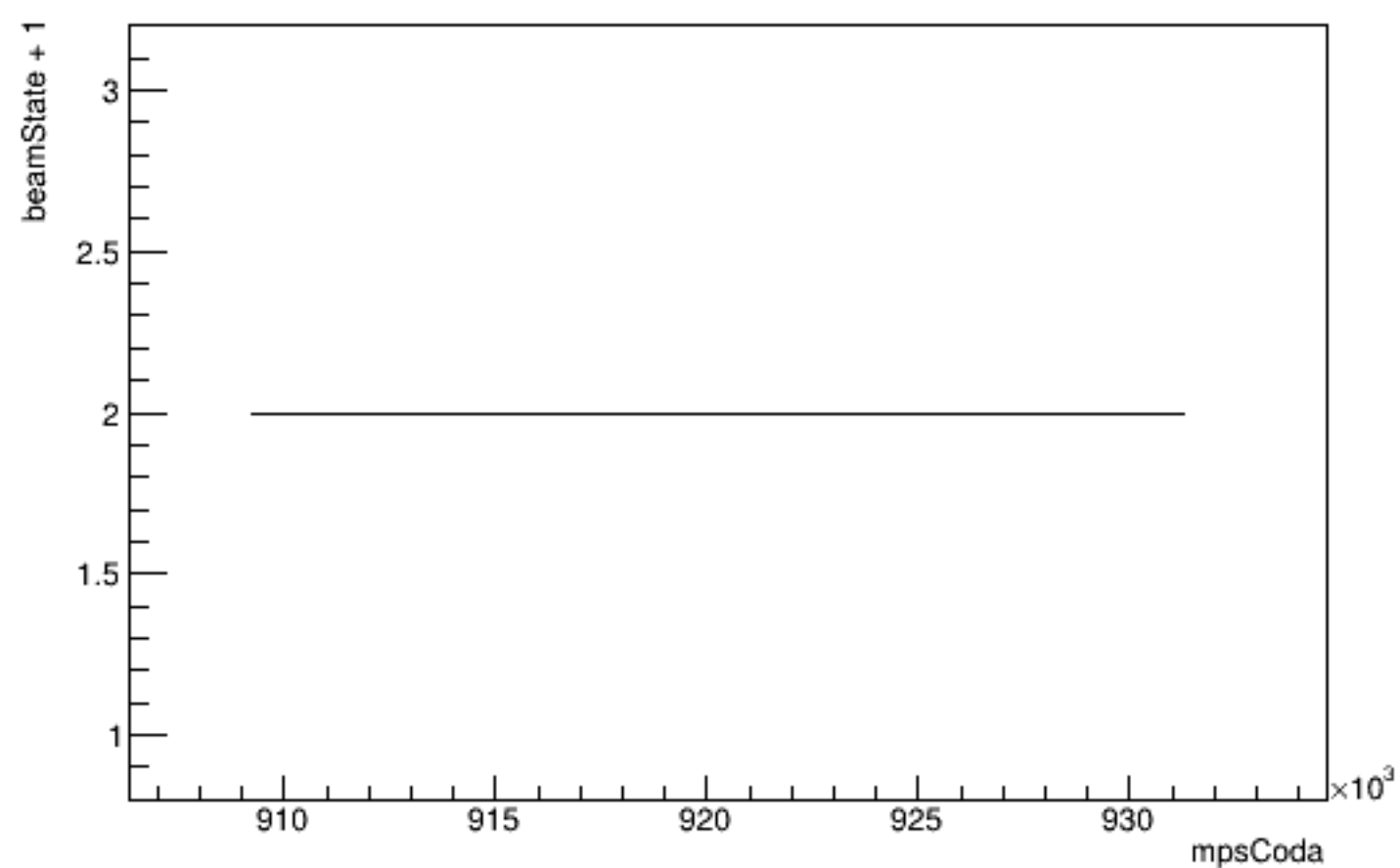
Acc0/NAcc0:mpsCoda (mpsCoda>=909249 && mpsCoda<=931272 && beamState==1)



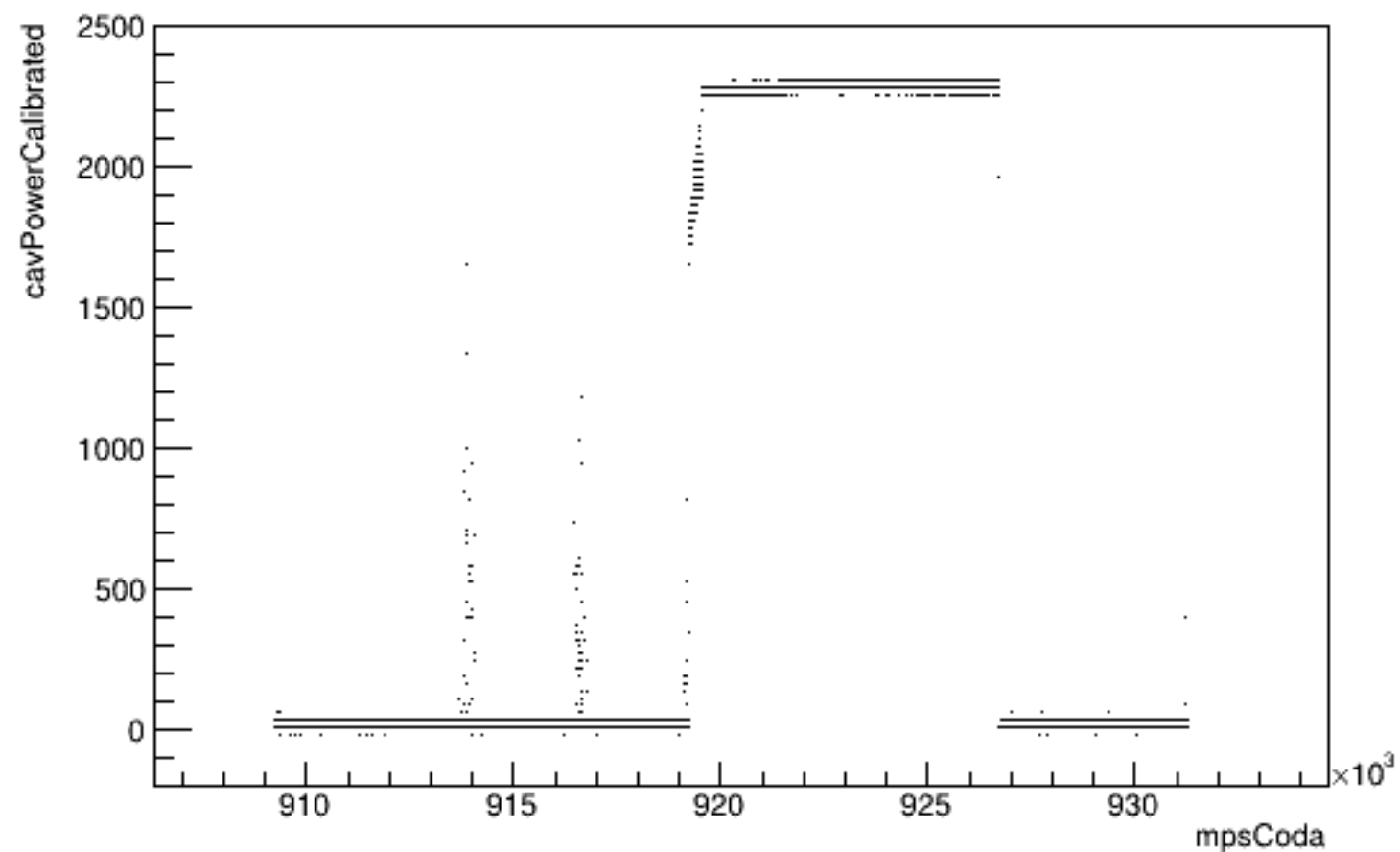
laserState:mpsCoda {mpsCoda>=909249 && mpsCoda<=931272}



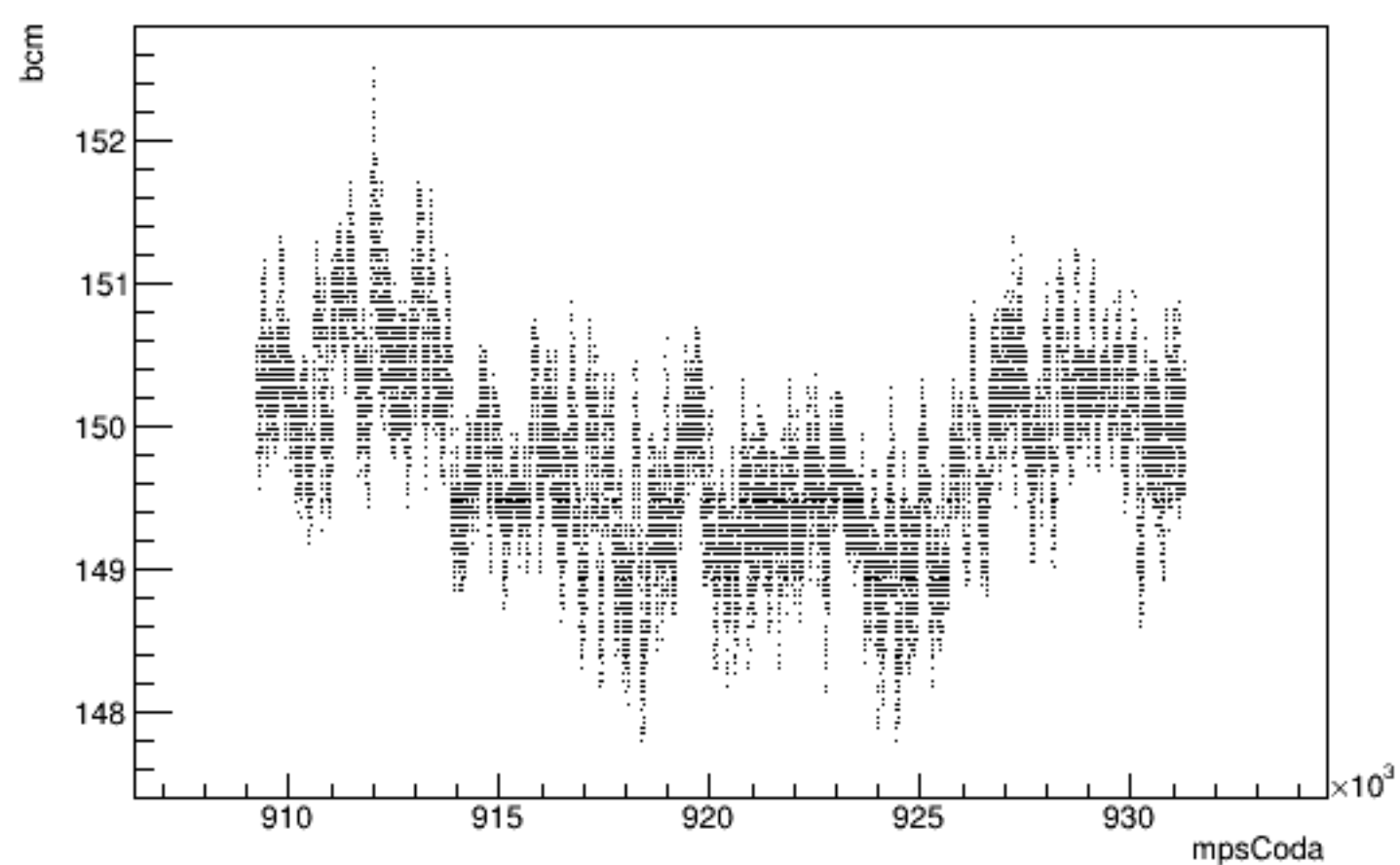
beamState + 1:mpsCoda {mpsCoda>=909249 && mpsCoda<=931272}



cavPowerCalibrated:mpsCoda {mpsCoda>=909249 && mpsCoda<=931272}



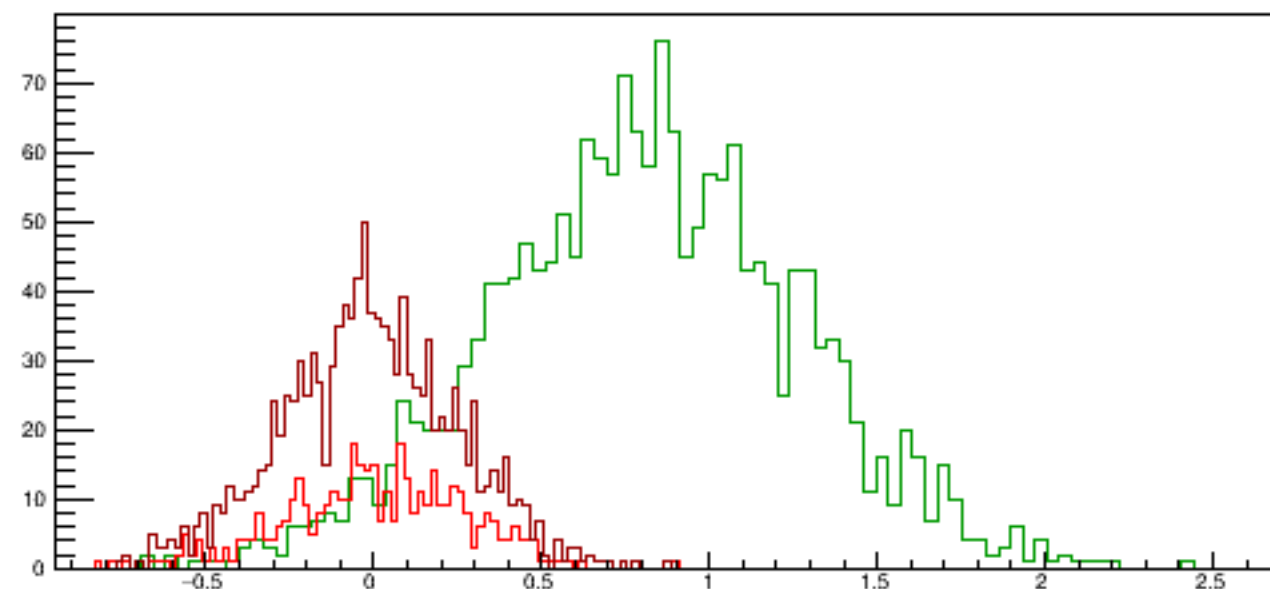
bcm:mpsCoda {mpsCoda>=909249 && mpsCoda<=931272}



Cycle 31, Diffs

Entries: 420	Entries: 1892	Entries: 1190
Mean: 0.0025 +/- 0.0130	Mean: 0.8074 +/- 0.0105	Mean: -0.0138 +/- 0.0075
Std Dev: 0.2674 +/- 0.0092	Std Dev: 0.4575 +/- 0.0074	Std Dev: 0.2590 +/- 0.0053

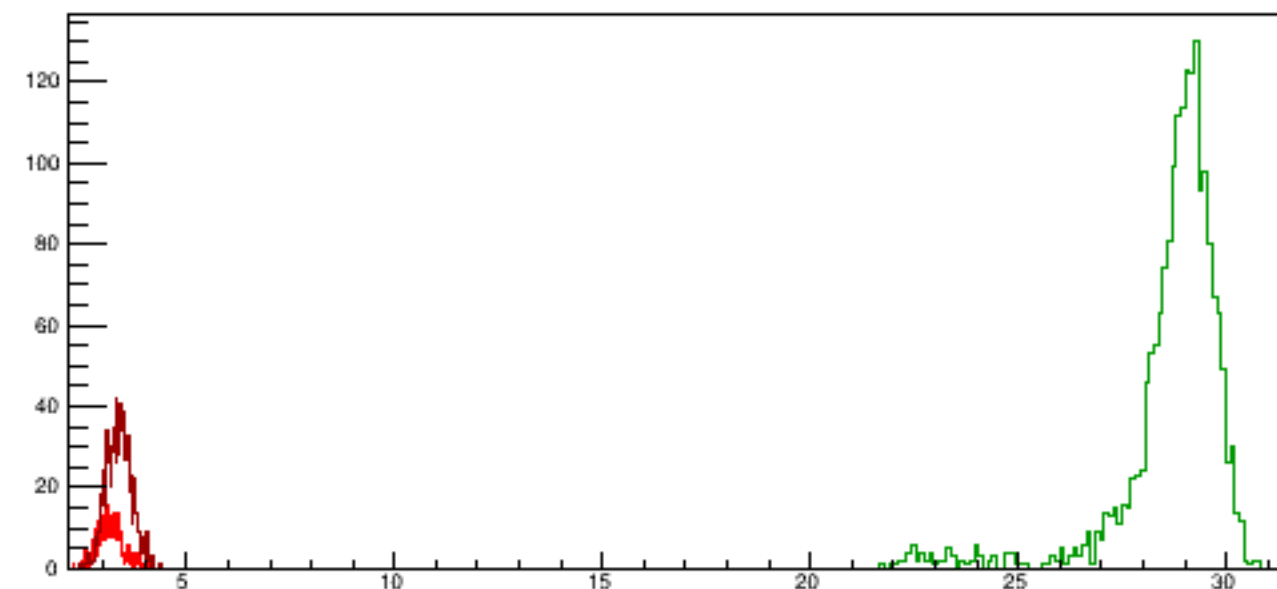
Run 5680 quartetwise, Diffs



Cycle 31, Sums

Entries: 420	Entries: 1892	Entries: 1190
Mean: 3.1517 +/- 0.0148	Mean: 28.6929 +/- 0.0303	Mean: 3.3824 +/- 0.0088
Std Dev: 0.3032 +/- 0.0105	Std Dev: 1.3184 +/- 0.0214	Std Dev: 0.3044 +/- 0.0062

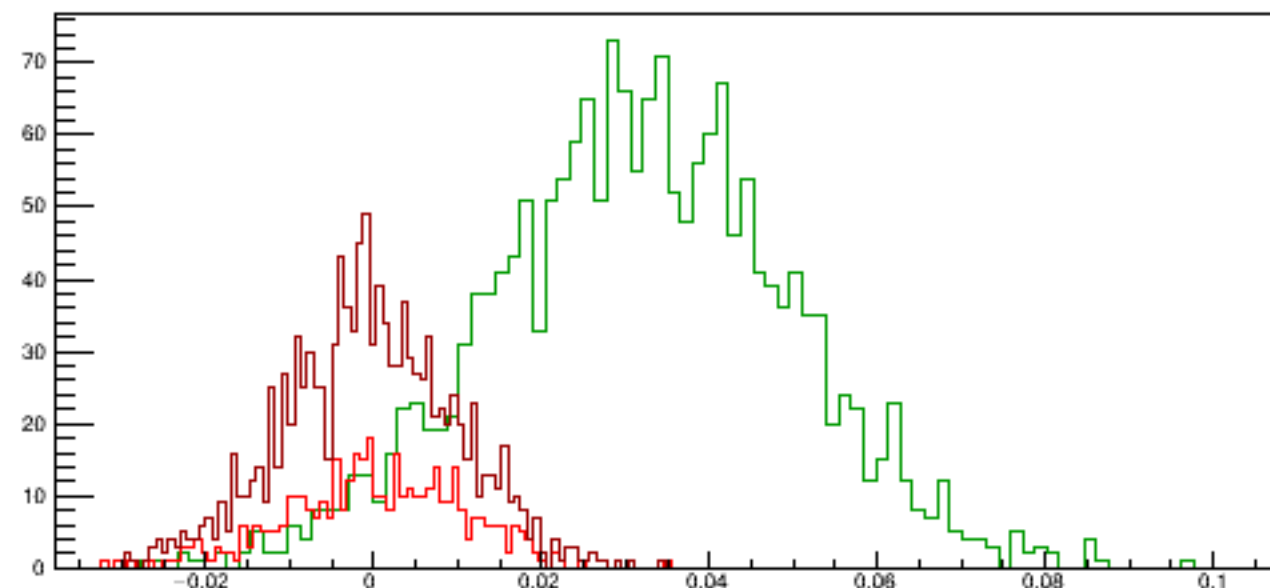
Run 5680 quartetwise, Sums



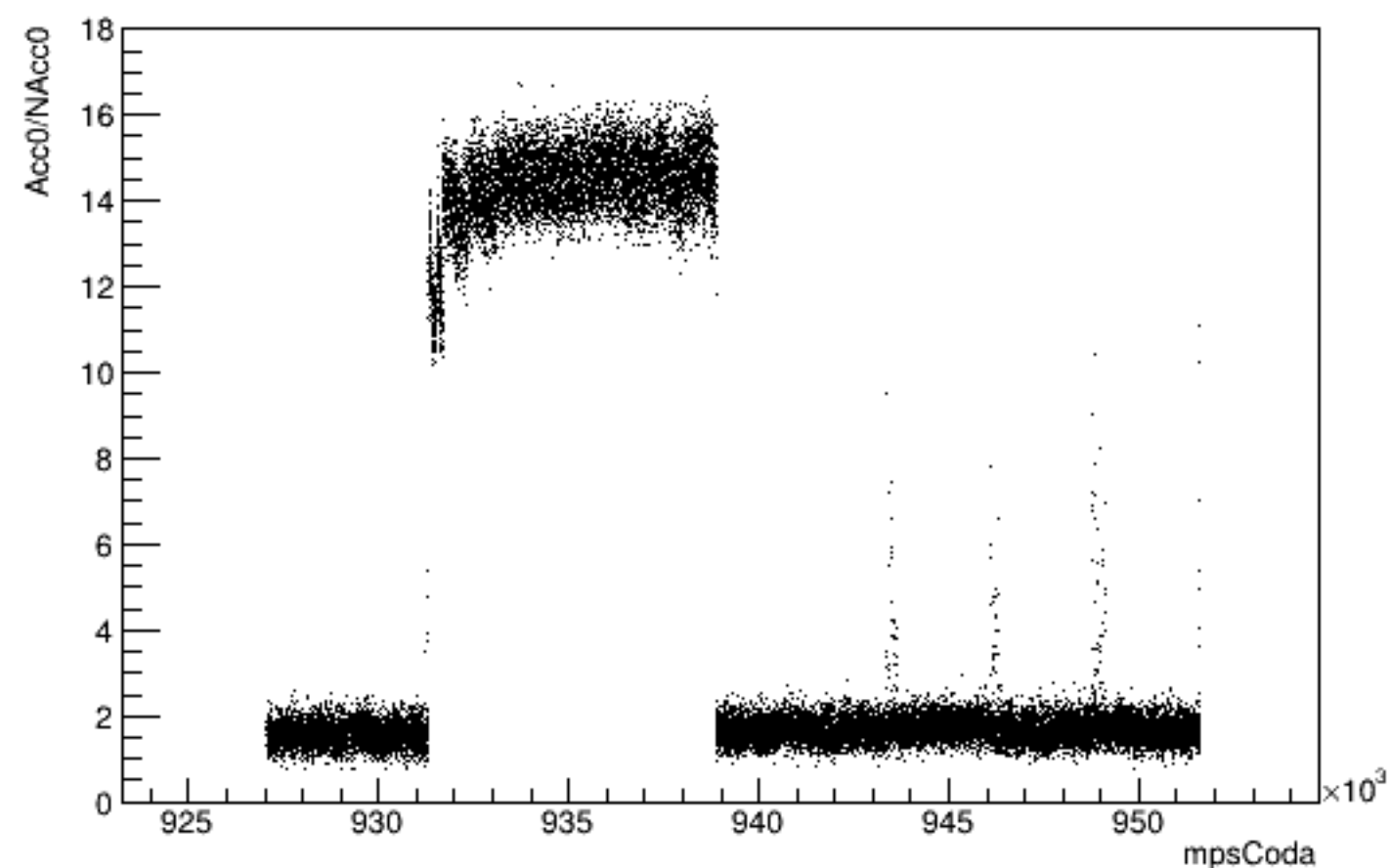
Cycle 31, Asyms

Entries: 420	Entries: 1892	Entries: 1190
Mean: 0.0001 +/- 0.0005	Mean: 0.0317 +/- 0.0004	Mean: -0.0005 +/- 0.0003
Std Dev: 0.0105 +/- 0.0004	Std Dev: 0.0179 +/- 0.0003	Std Dev: 0.0102 +/- 0.0002

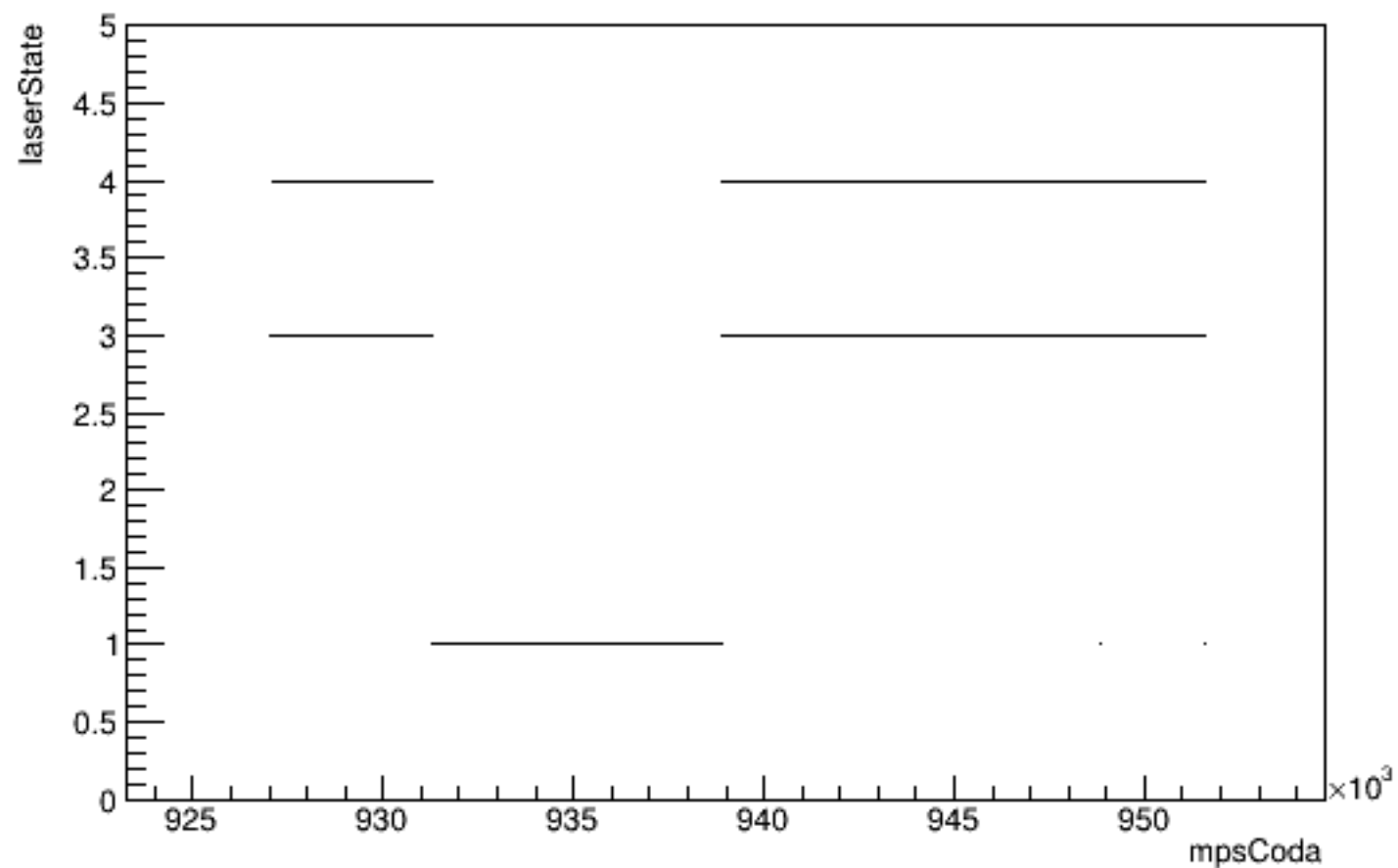
Run 5680 quartetwise, Asyms



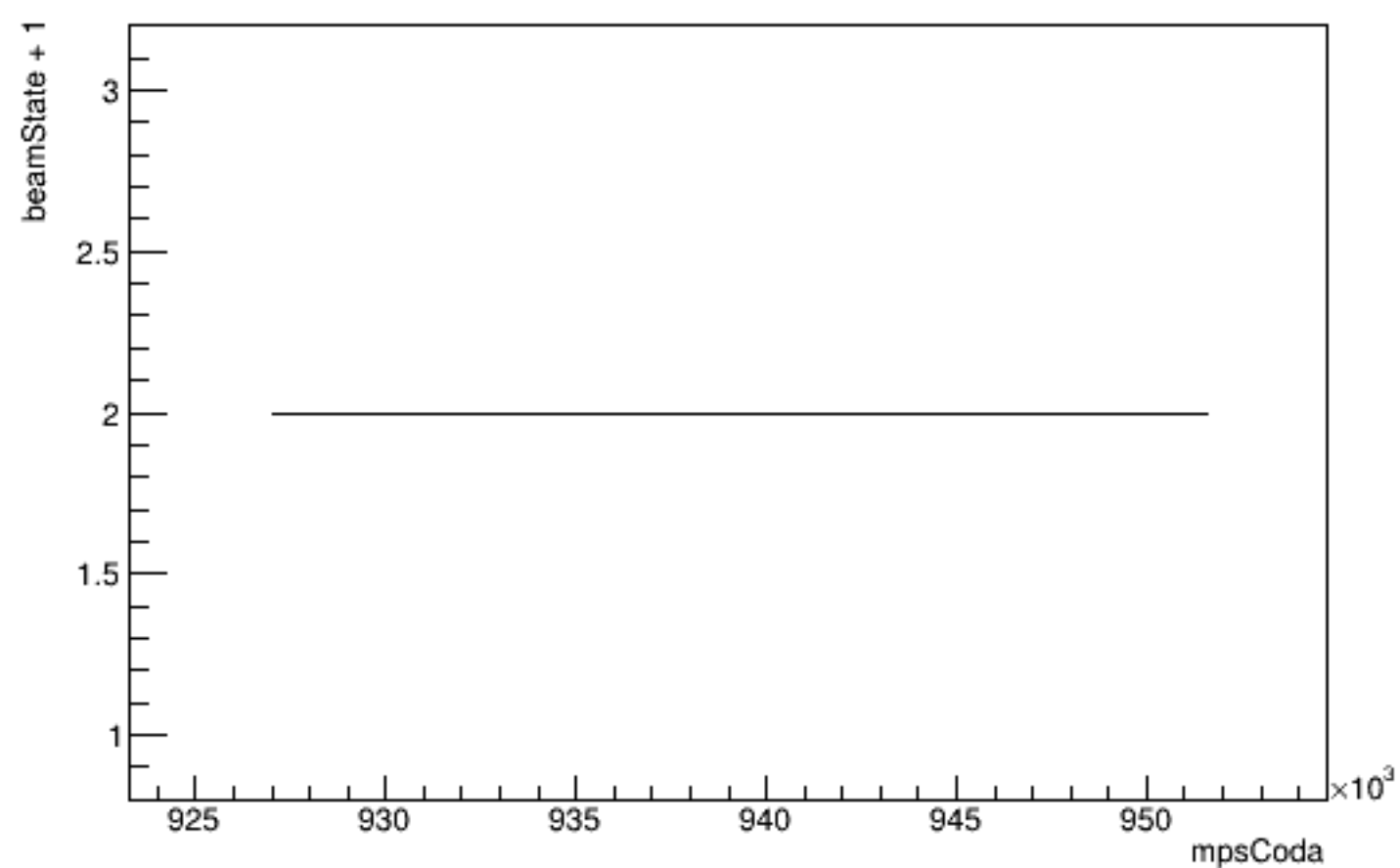
Acc0/NAcc0:mpsCoda (mpsCoda>=927061 && mpsCoda<=951620 && beamState==1)



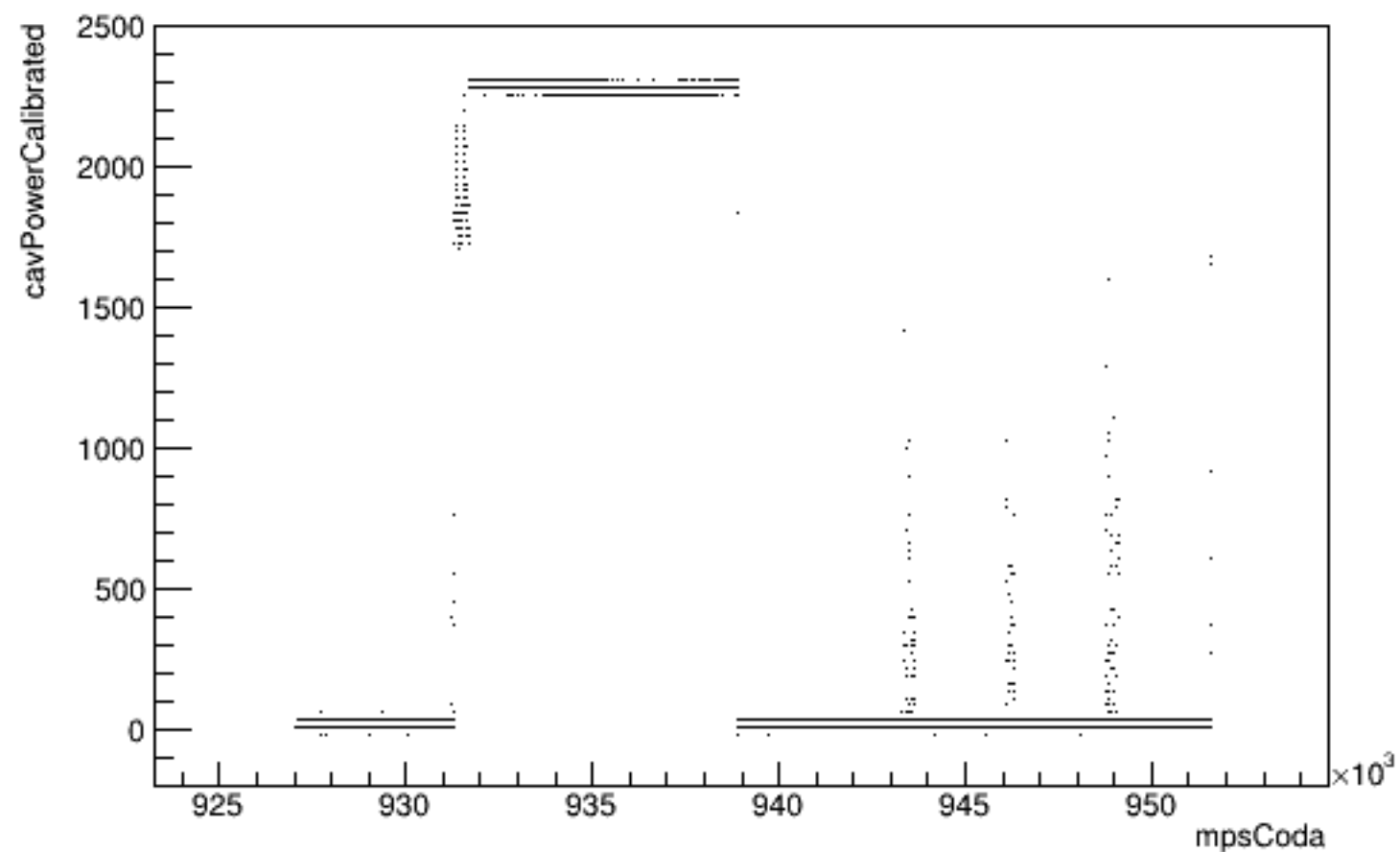
laserState:mpsCoda {mpsCoda>=927061 && mpsCoda<=951620}



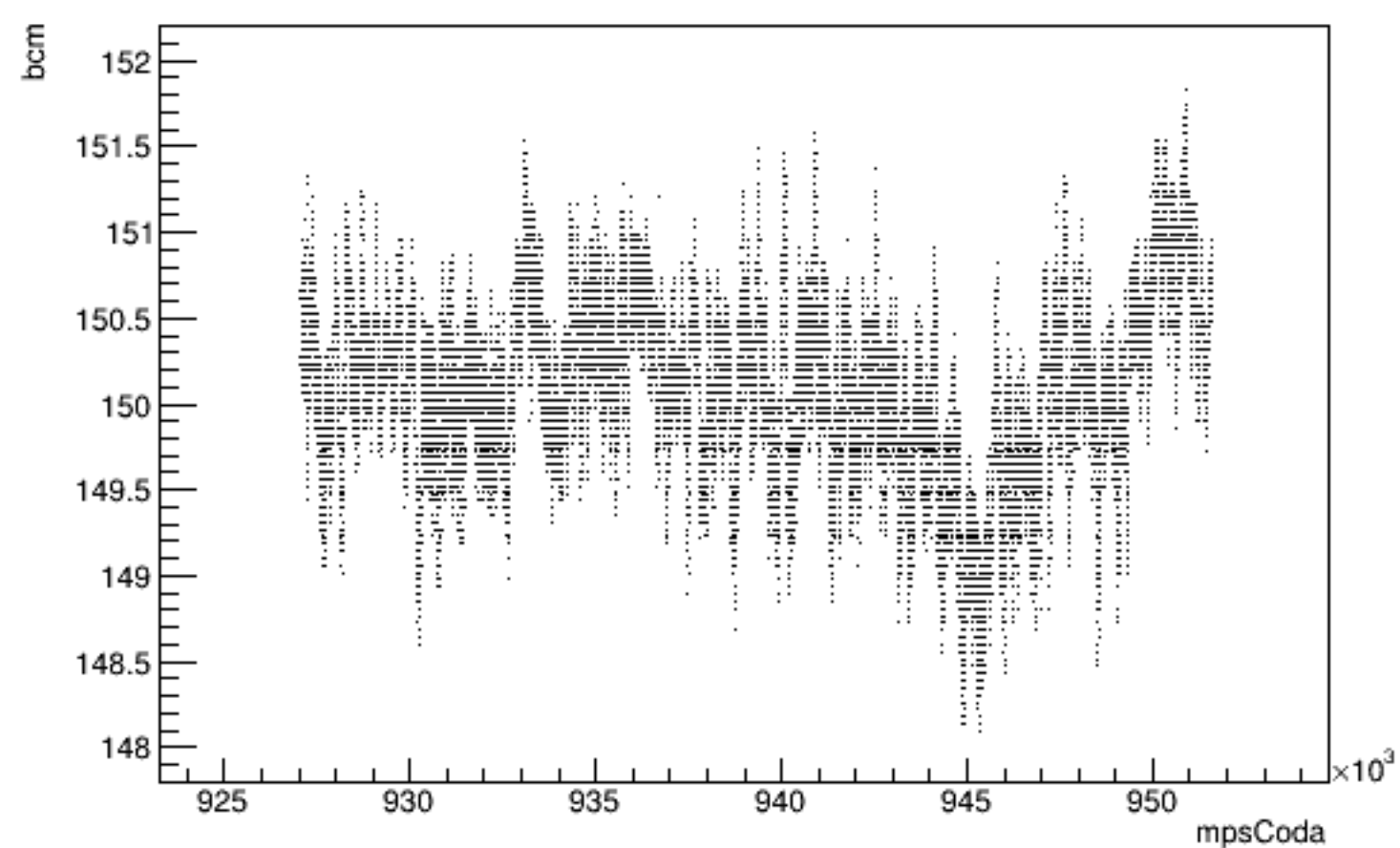
beamState + 1:mpsCoda {mpsCoda>=927061 && mpsCoda<=951620}



cavPowerCalibrated:mpsCoda {mpsCoda>=927061 && mpsCoda<=951620}



bcm:mpsCoda {mpsCoda>=927061 && mpsCoda<=951620}



Cycle 32, Diffs

Entries: 1190

Mean: -0.0138 +/- 0.0075

Std Dev: 0.2590 +/- 0.0053

Entries: 1915

Mean: 0.7734 +/- 0.0107

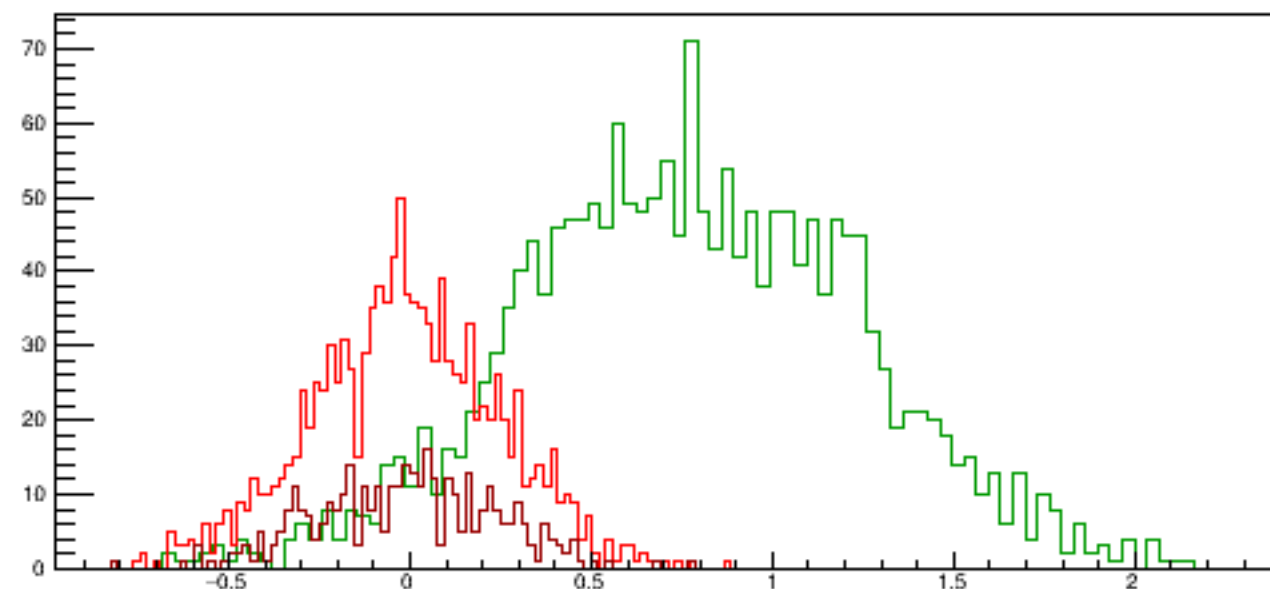
Std Dev: 0.4687 +/- 0.0076

Entries: 370

Mean: -0.0126 +/- 0.0128

Std Dev: 0.2453 +/- 0.0090

Run 5680 quartetwise, Diffs



Cycle 32, Sums

Entries: 1190

Mean: 3.3824 +/- 0.0088

Std Dev: 0.3044 +/- 0.0062

Entries: 1915

Mean: 28.2654 +/- 0.0379

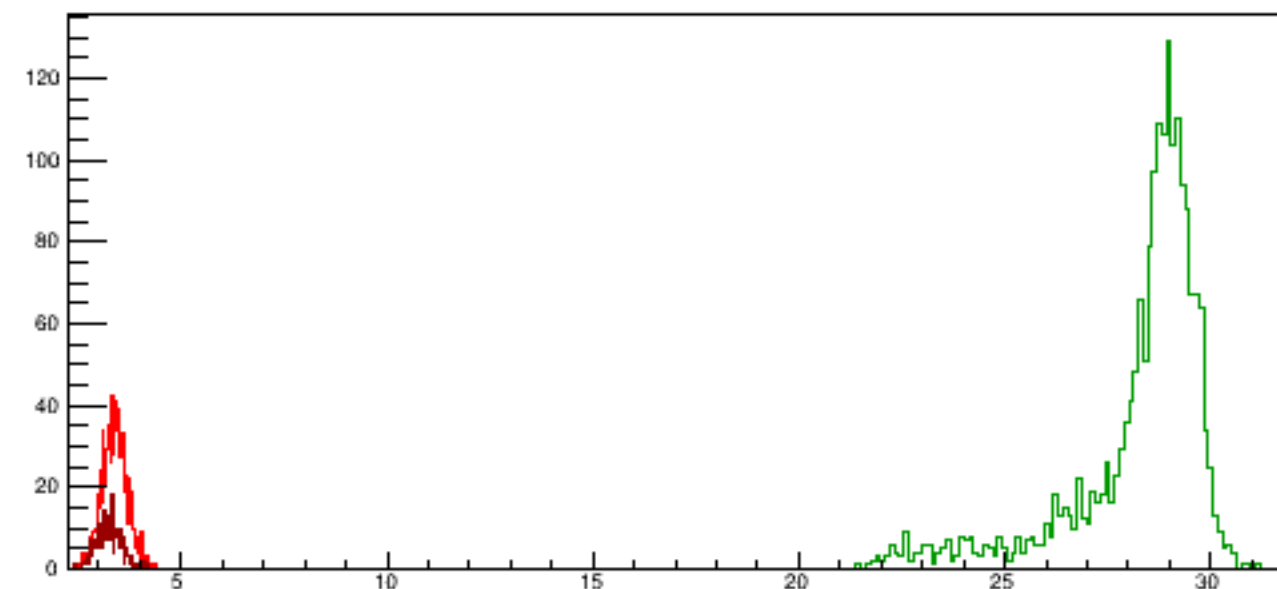
Std Dev: 1.6592 +/- 0.0268

Entries: 370

Mean: 3.2569 +/- 0.0157

Std Dev: 0.3028 +/- 0.0111

Run 5680 quartetwise, Sums



Cycle 32, Asyms

Entries: 1190

Mean: -0.0006 +/- 0.0003

Std Dev: 0.0104 +/- 0.0002

Entries: 1915

Mean: 0.0311 +/- 0.0004

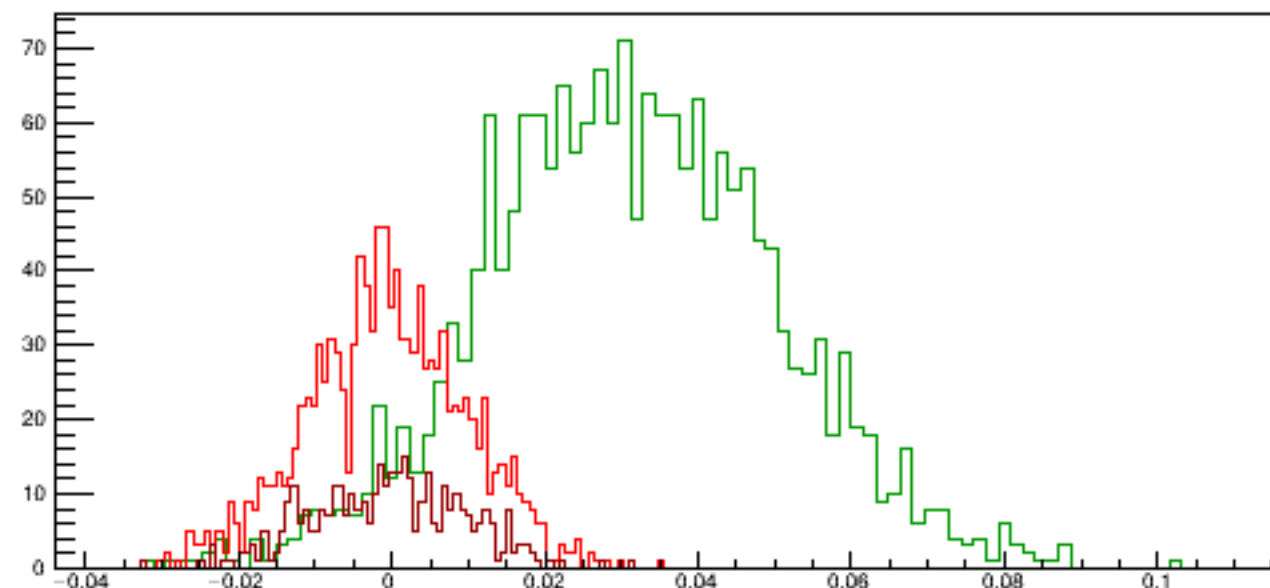
Std Dev: 0.0190 +/- 0.0003

Entries: 370

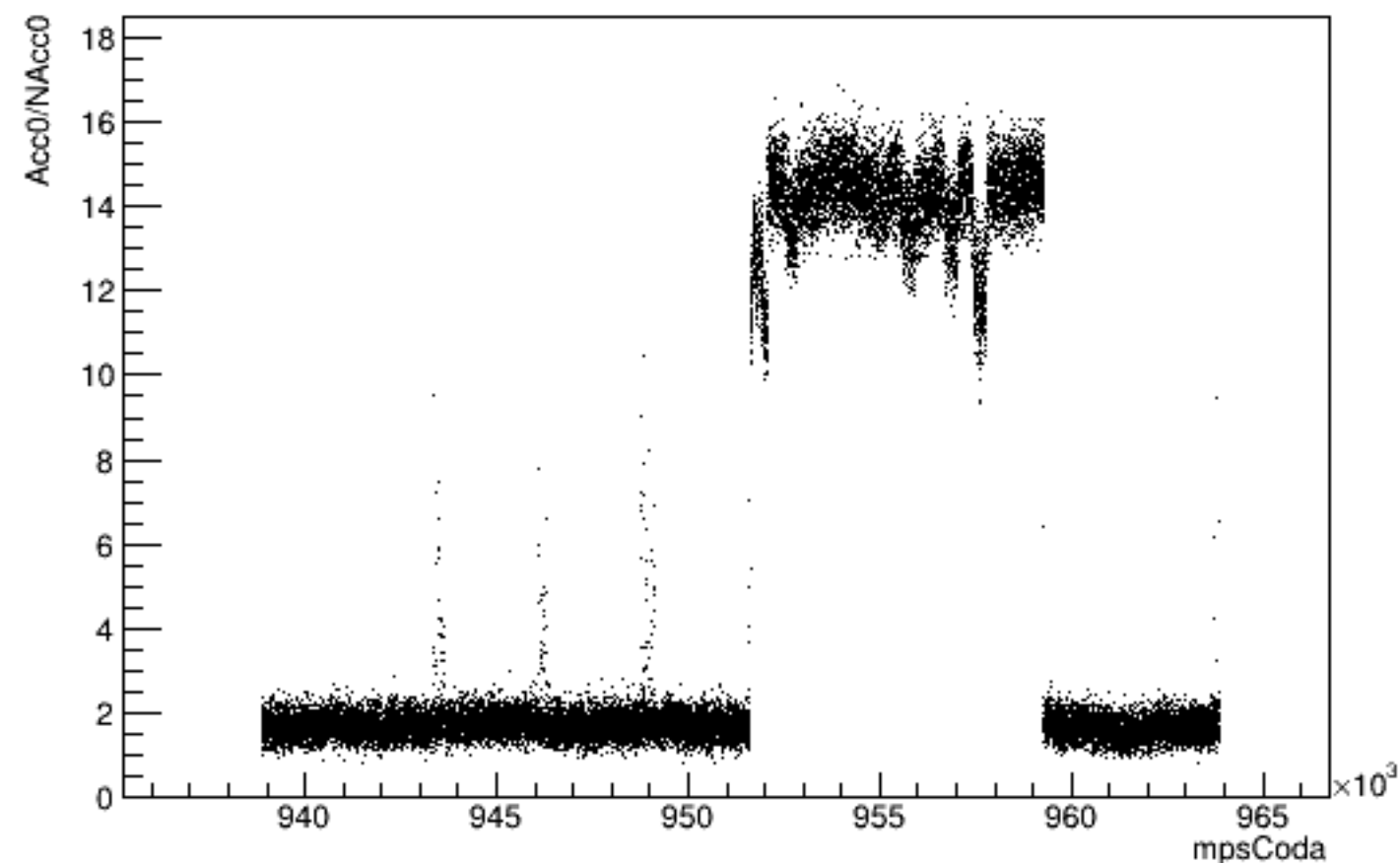
Mean: -0.0005 +/- 0.0005

Std Dev: 0.0098 +/- 0.0004

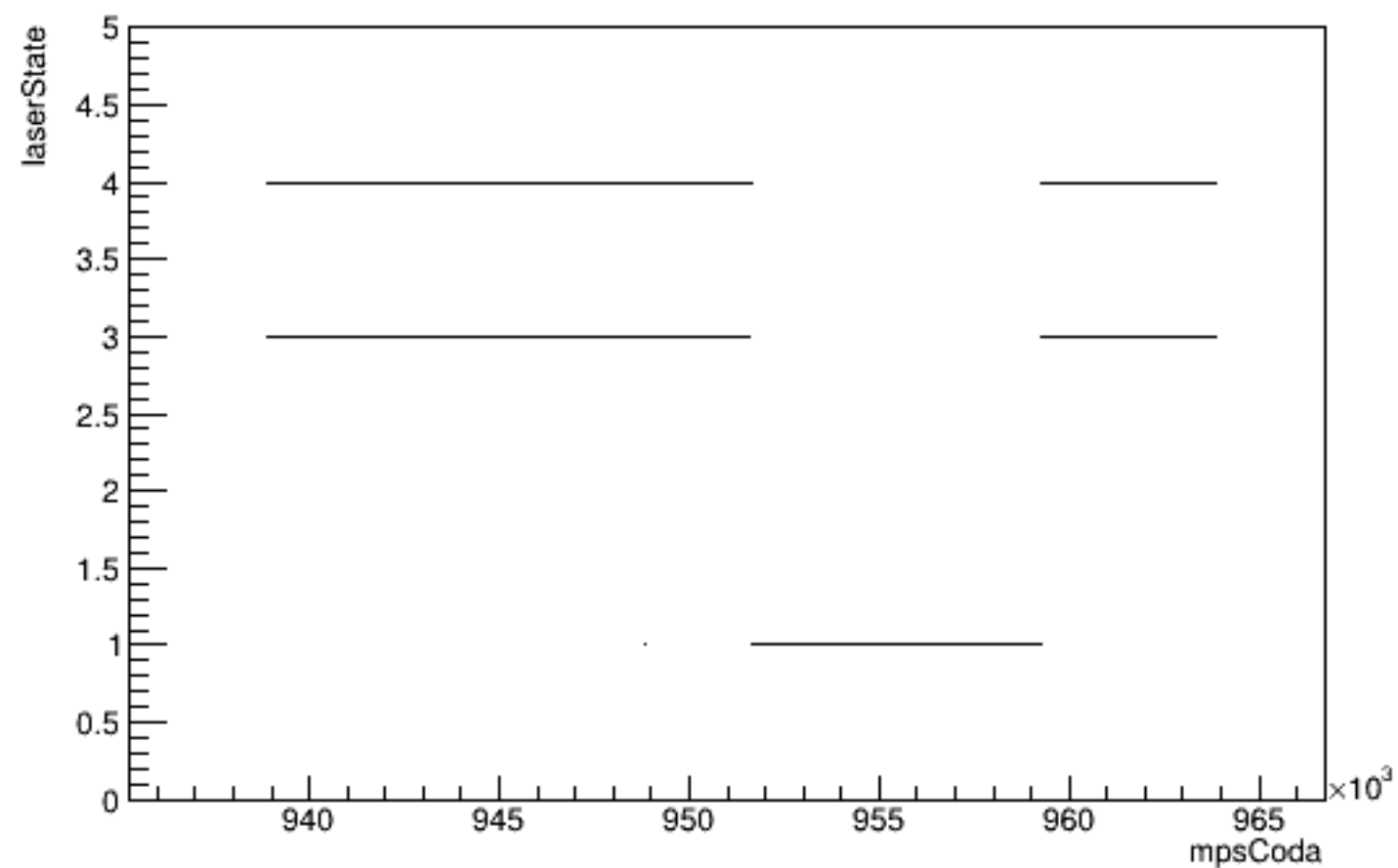
Run 5680 quartetwise, Asyms



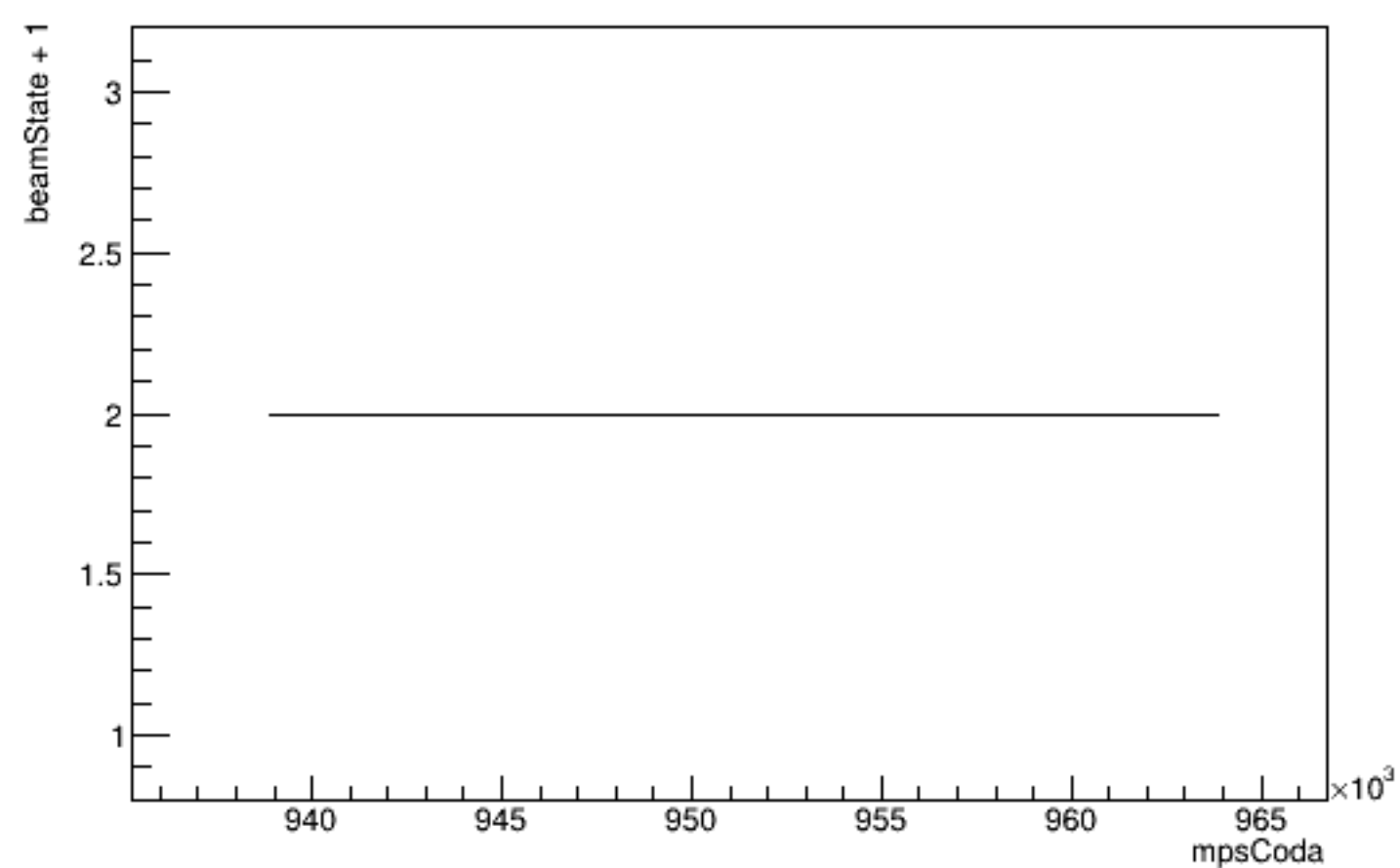
Acc0/NAcc0:mpsCoda (mpsCoda>=938889 && mpsCoda<=963864 && beamState==1)



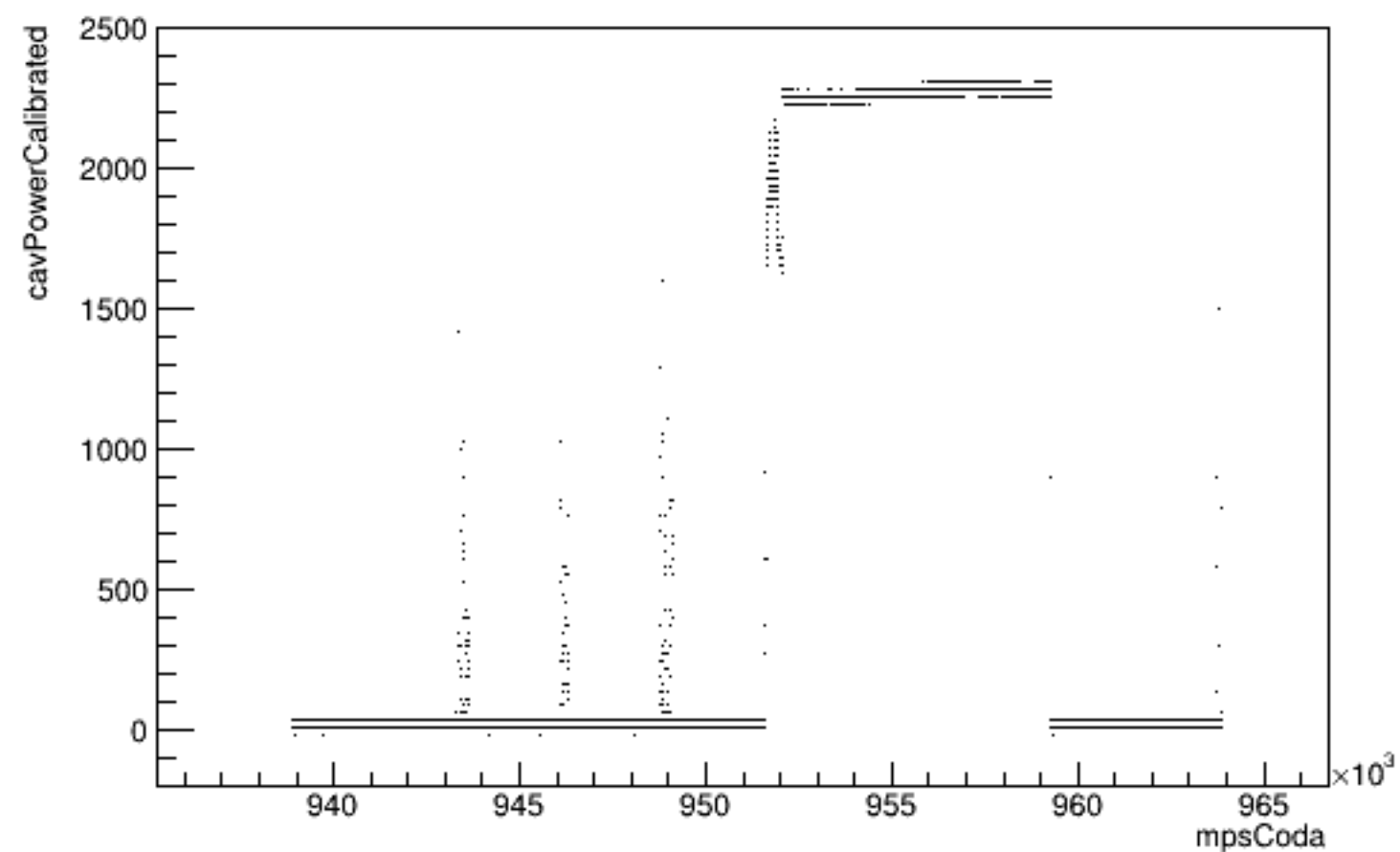
laserState:mpsCoda {mpsCoda>=938889 && mpsCoda<=963864}



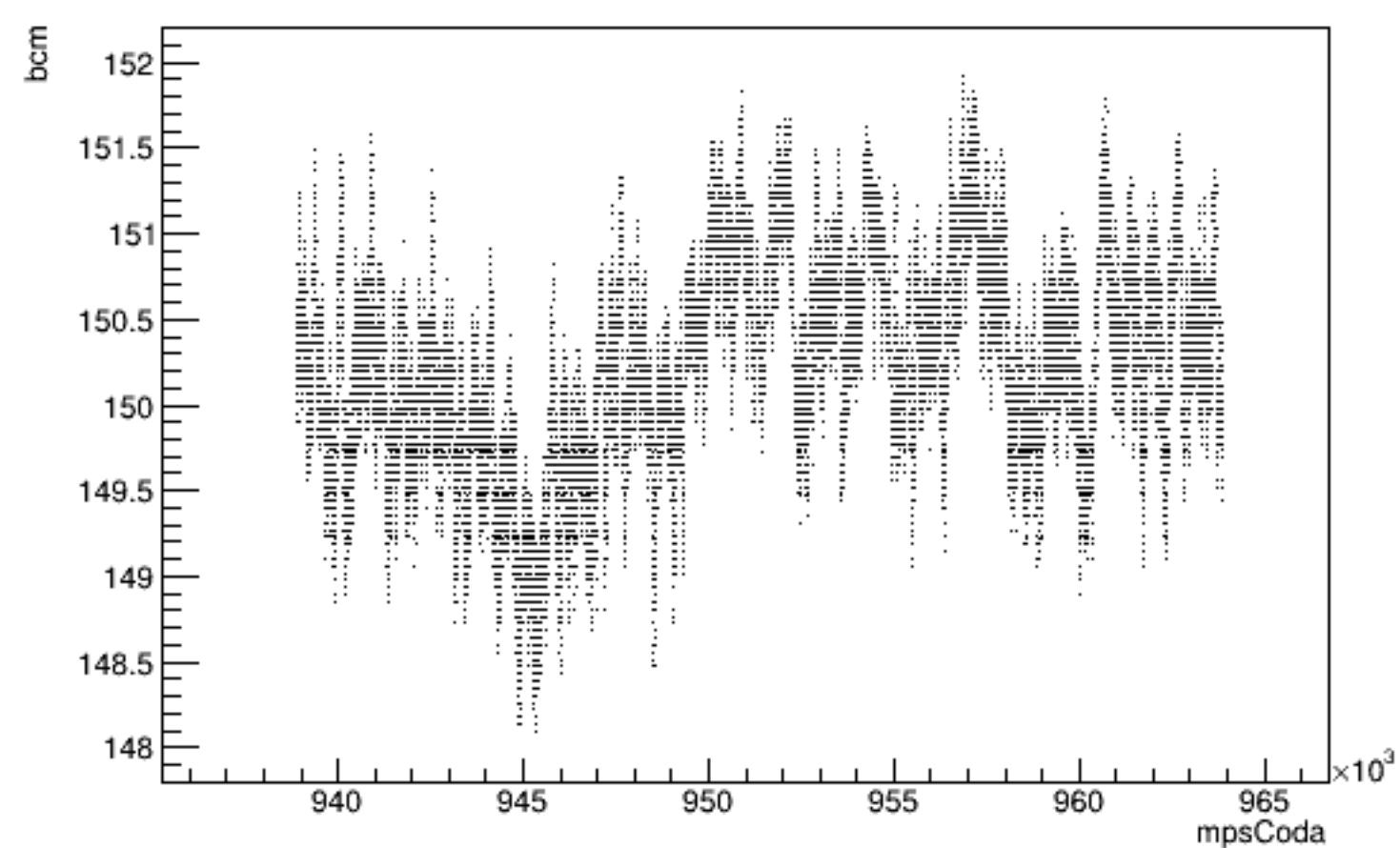
beamState + 1:mpsCoda {mpsCoda>=938889 && mpsCoda<=963864}



cavPowerCalibrated:mpsCoda {mpsCoda>=938889 && mpsCoda<=963864}



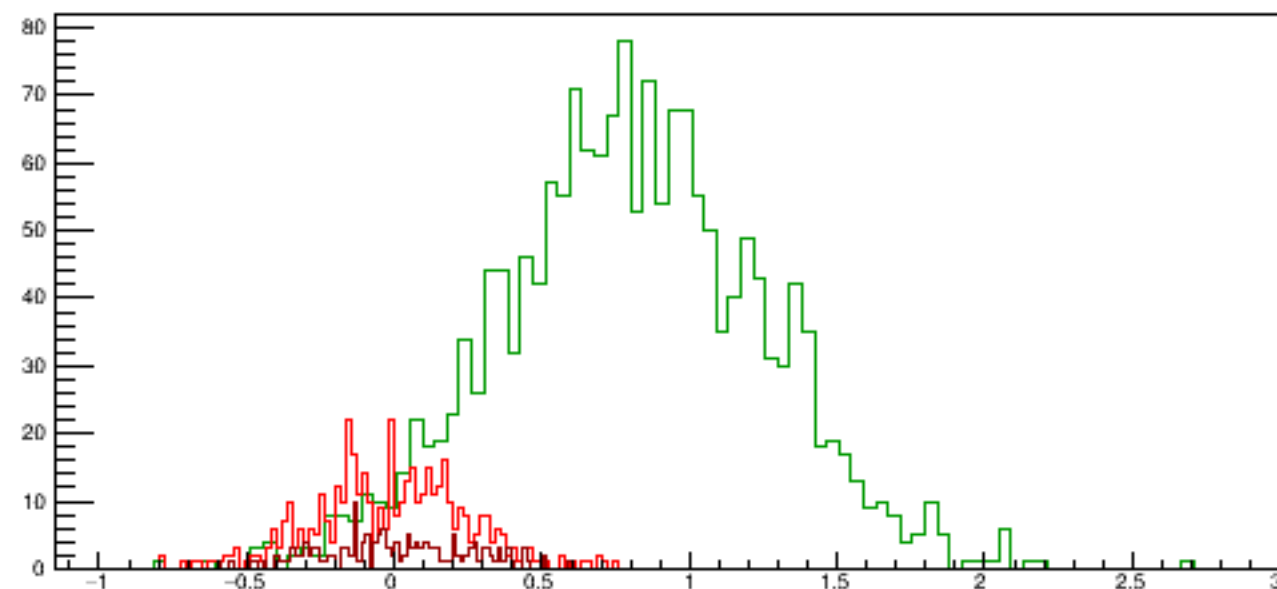
bcm:mpsCoda {mpsCoda>=938889 && mpsCoda<=963864}



Cycle 33, Diffs

Entries: 451	Entries: 1739	Entries: 163
Mean: -0.0139 +/- 0.0122	Mean: 0.7992 +/- 0.0107	Mean: 0.0063 +/- 0.0191
Std Dev: 0.2586 +/- 0.0086	Std Dev: 0.4478 +/- 0.0076	Std Dev: 0.2437 +/- 0.0135

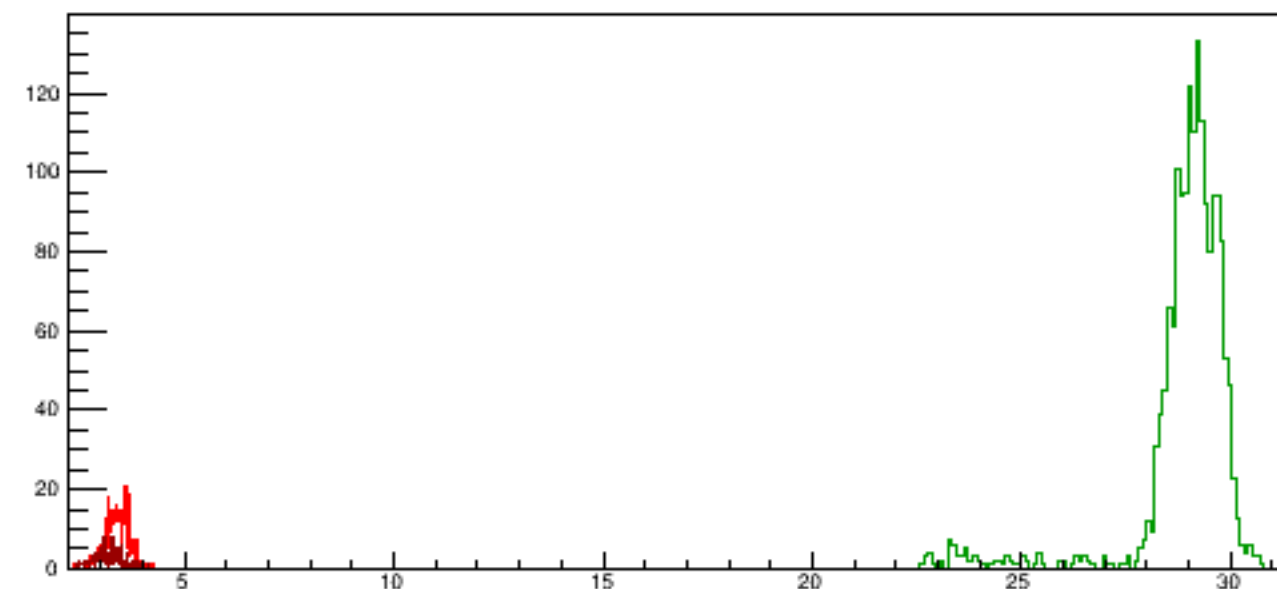
Run 5680 quartetwise, Diffs



Cycle 33, Sums

Entries: 451	Entries: 1739	Entries: 163
Mean: 3.3786 +/- 0.0130	Mean: 28.9485 +/- 0.0281	Mean: 3.1590 +/- 0.0257
Std Dev: 0.2771 +/- 0.0092	Std Dev: 1.1726 +/- 0.0199	Std Dev: 0.3277 +/- 0.0181

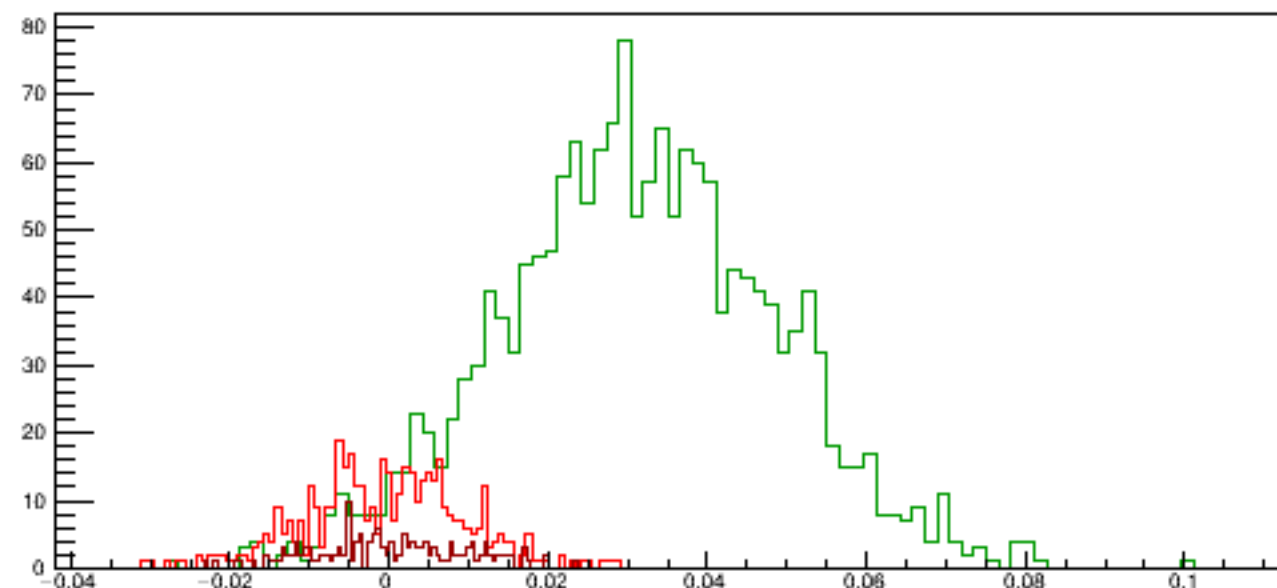
Run 5680 quartetwise, Sums



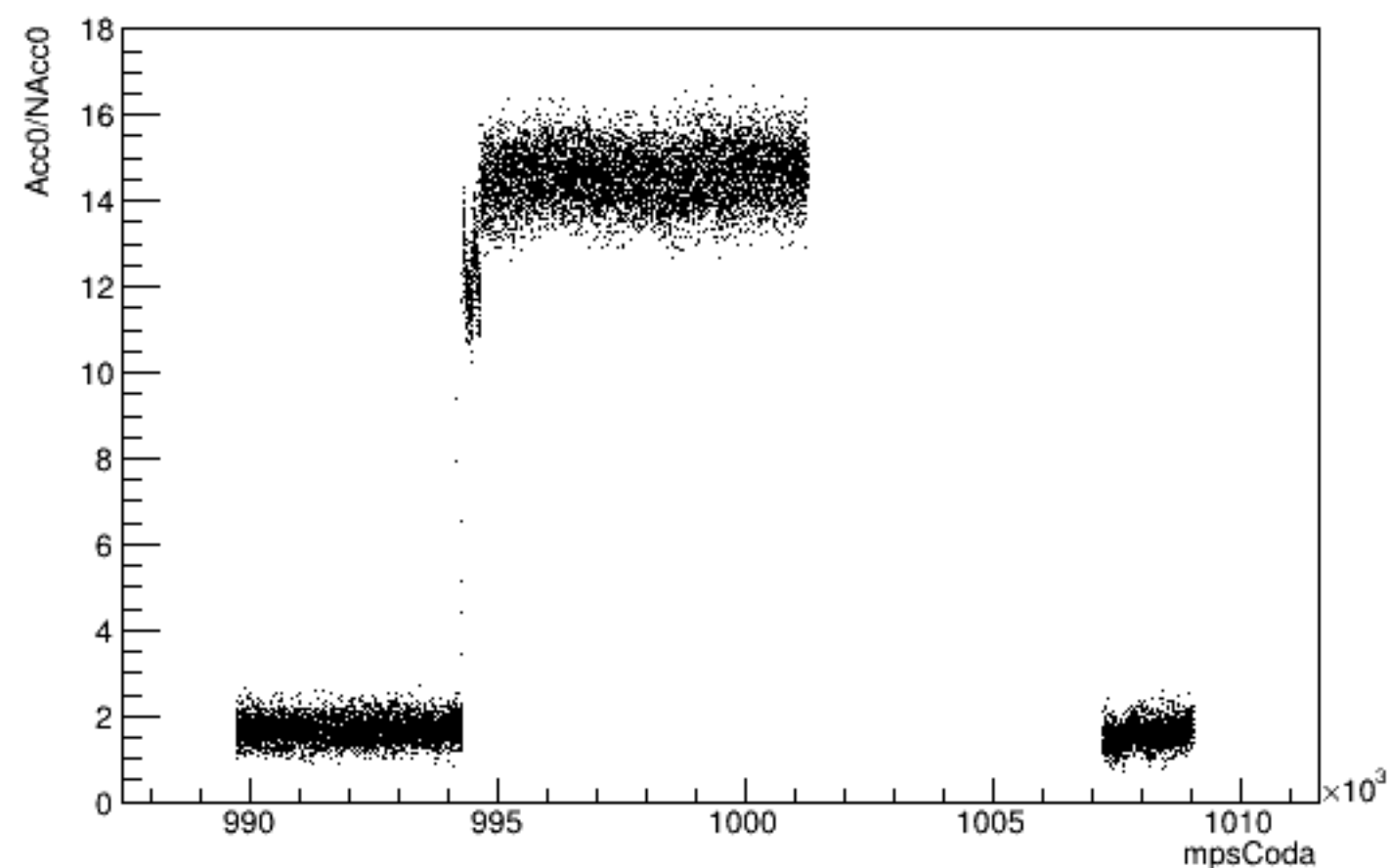
Cycle 33, Asyms

Entries: 451	Entries: 1739	Entries: 163
Mean: -0.0005 +/- 0.0005	Mean: 0.0311 +/- 0.0004	Mean: 0.0002 +/- 0.0007
Std Dev: 0.0101 +/- 0.0003	Std Dev: 0.0174 +/- 0.0003	Std Dev: 0.0095 +/- 0.0005

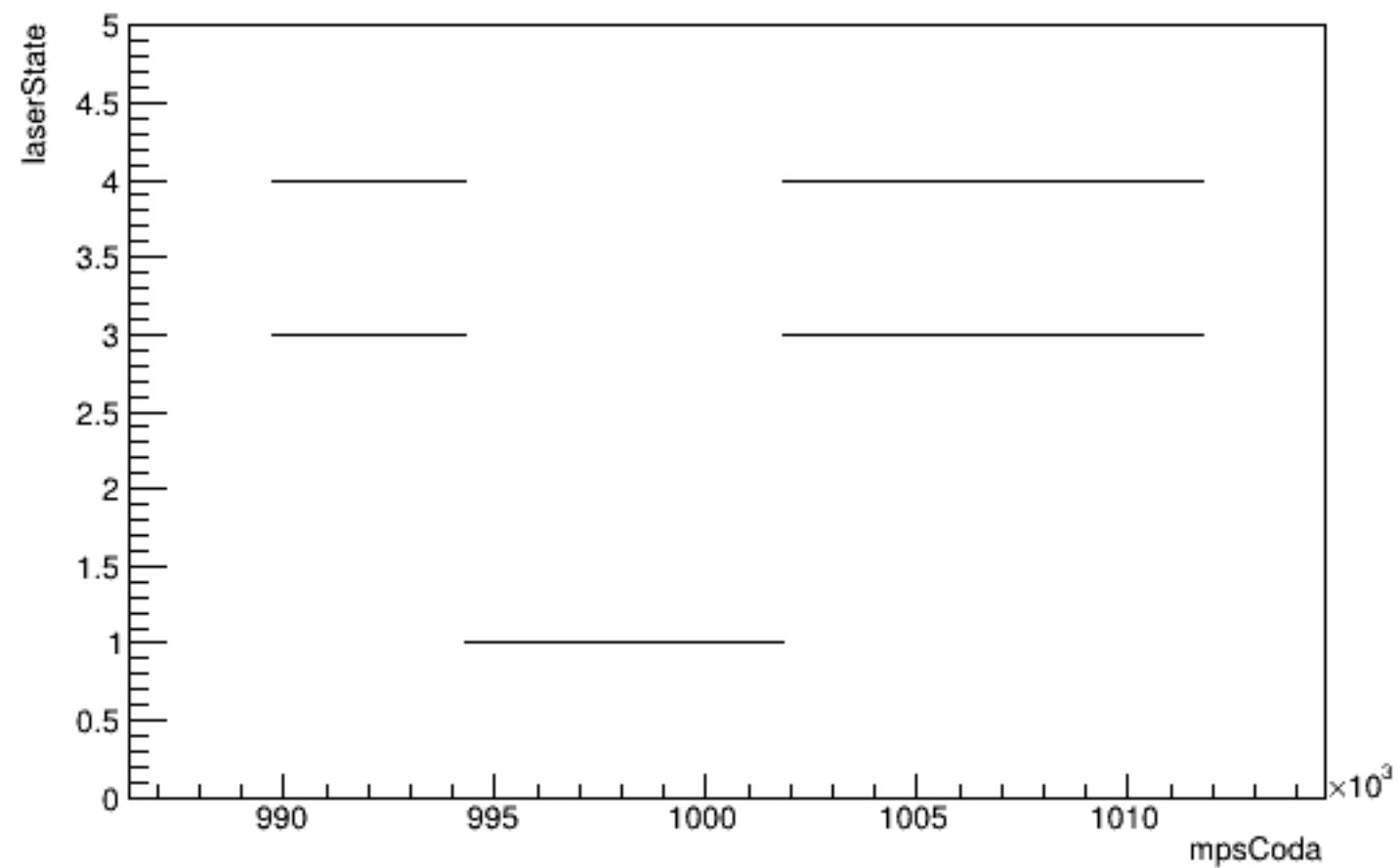
Run 5680 quartetwise, Asyms



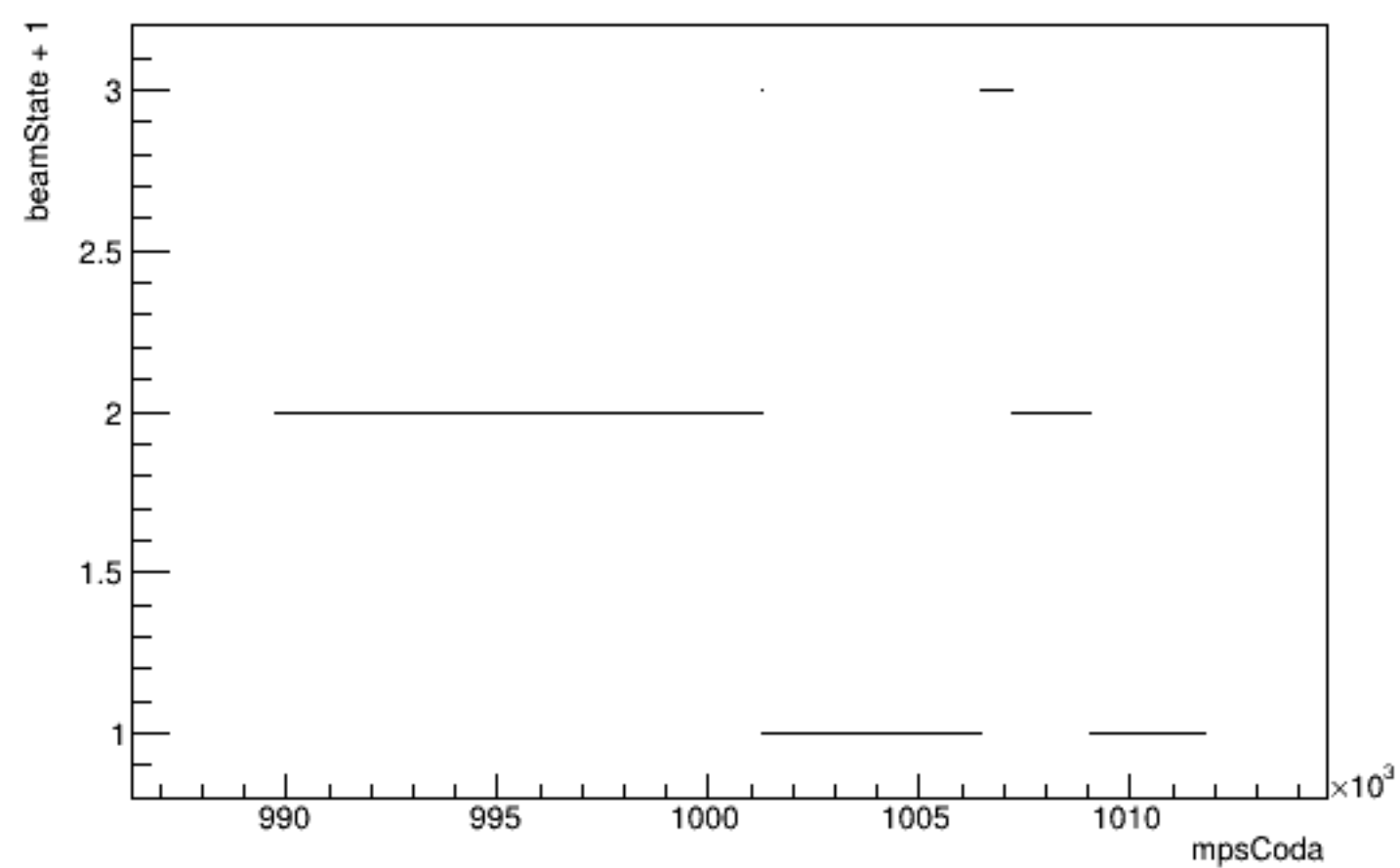
Acc0/NAcc0:mpsCoda (mpsCoda>=989721 && mpsCoda<=1011768 && beamState==1)



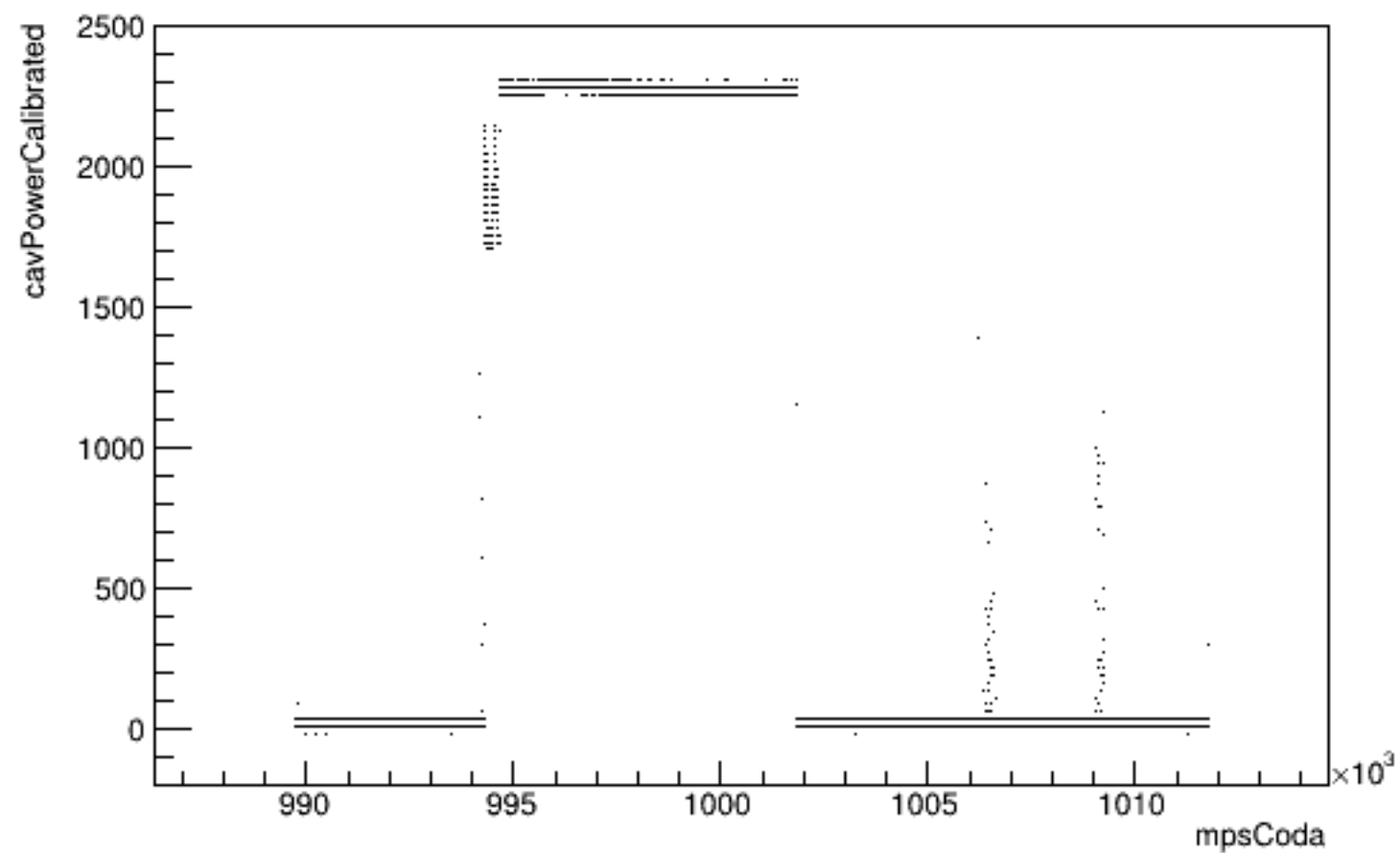
laserState:mpsCoda {mpsCoda>=989721 && mpsCoda<=1011768}



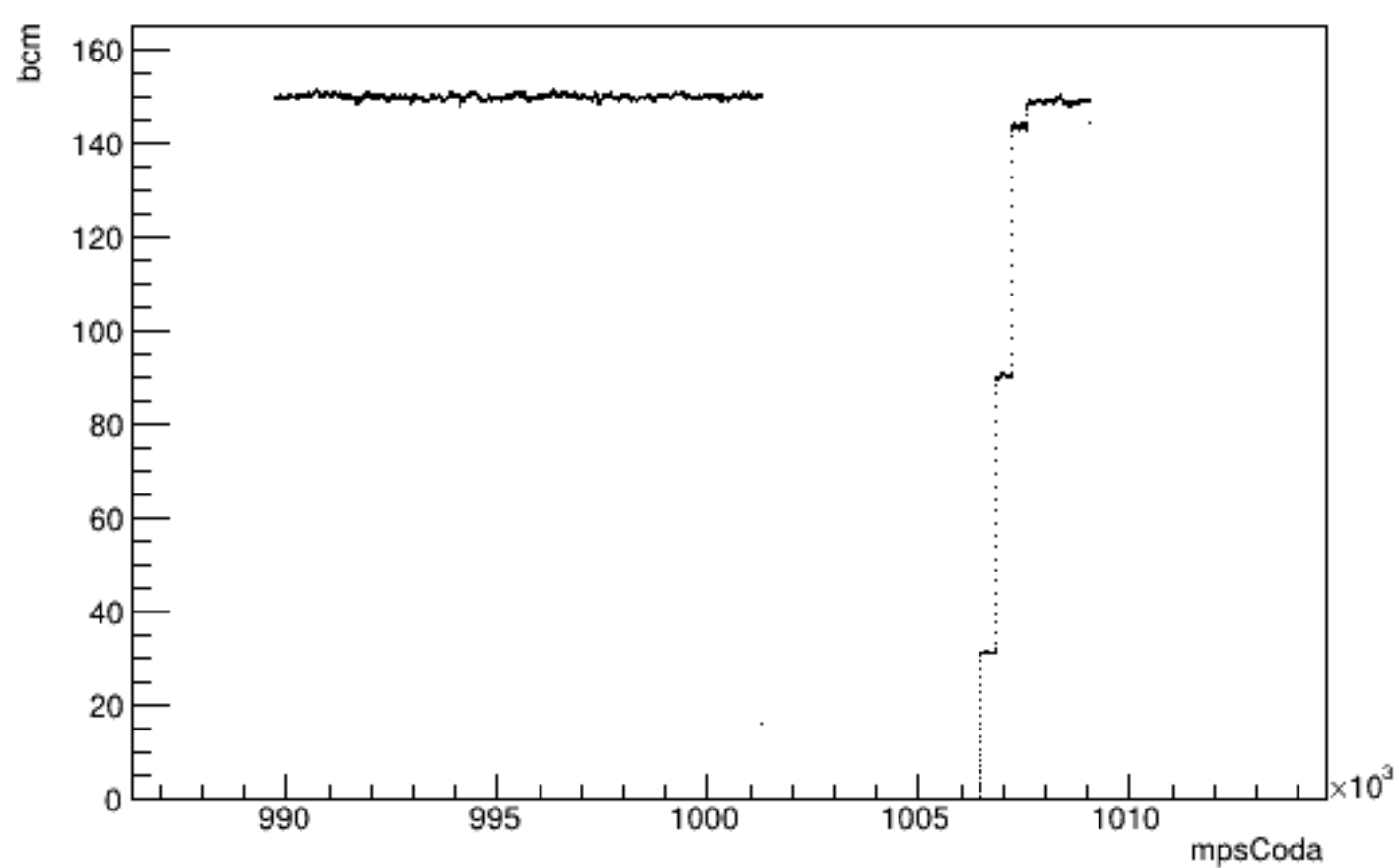
beamState + 1:mpsCoda {mpsCoda>=989721 && mpsCoda<=1011768}



cavPowerCalibrated:mpsCoda {mpsCoda>=989721 && mpsCoda<=1011768}



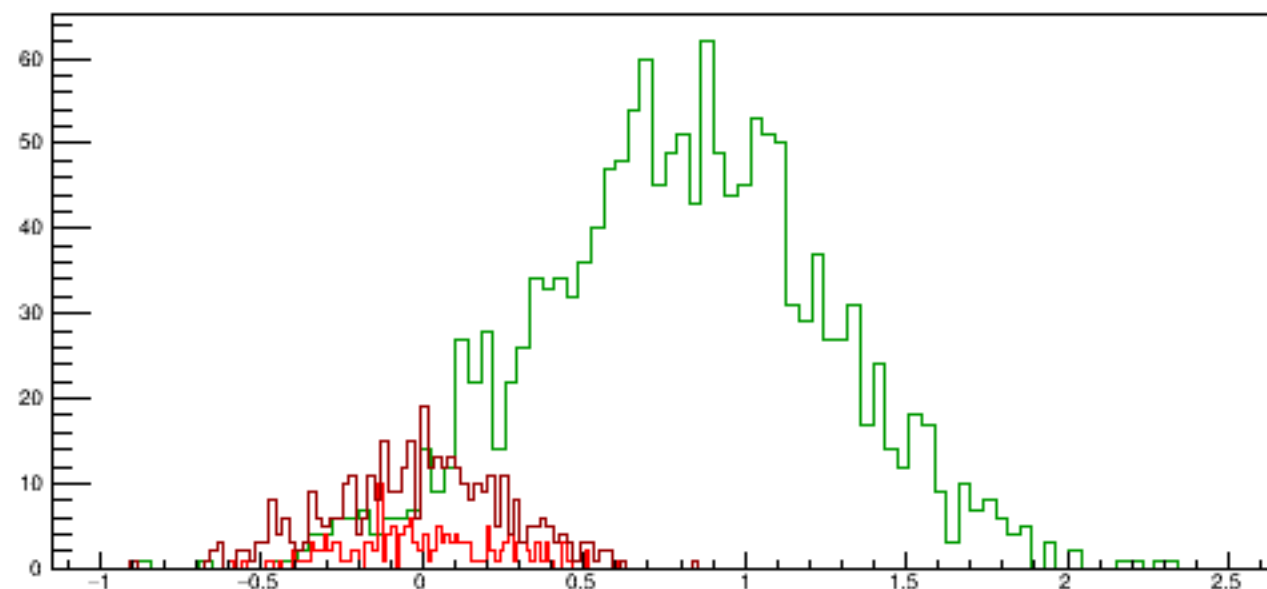
bcm:mpsCoda {mpsCoda>=989721 && mpsCoda<=1011768}



Cycle 34, Diffs

Entries: 163	Entries: 1535	Entries: 397
Mean: 0.0063 +/- 0.0191	Mean: 0.8032 +/- 0.0116	Mean: -0.0123 +/- 0.0137
Std Dev: 0.2437 +/- 0.0135	Std Dev: 0.4548 +/- 0.0082	Std Dev: 0.2725 +/- 0.0097

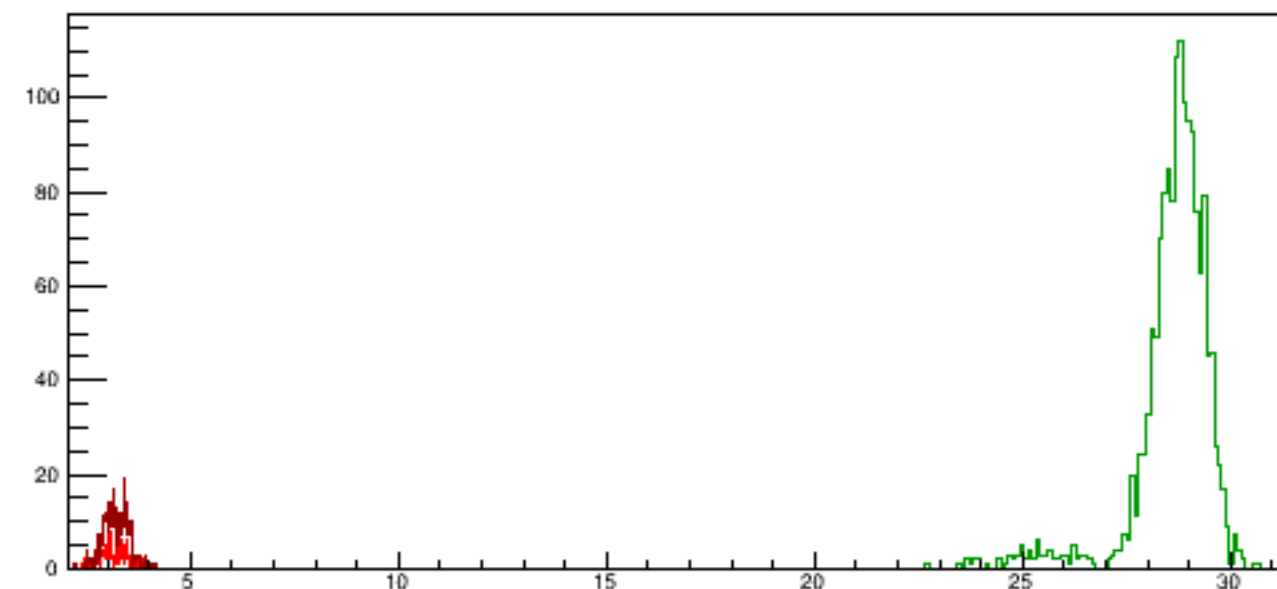
Run 5680 quartetwise, Diffs



Cycle 34, Sums

Entries: 163	Entries: 1535	Entries: 397
Mean: 3.1590 +/- 0.0257	Mean: 28.6221 +/- 0.0241	Mean: 3.2054 +/- 0.0147
Std Dev: 0.3277 +/- 0.0181	Std Dev: 0.9440 +/- 0.0170	Std Dev: 0.2919 +/- 0.0104

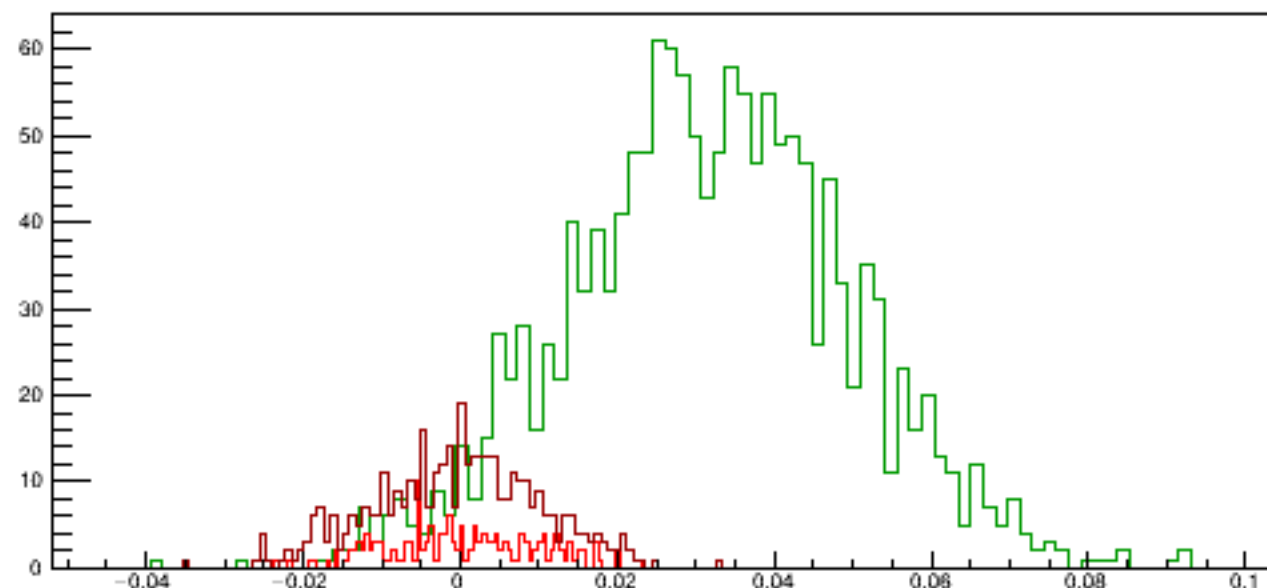
Run 5680 quartetwise, Sums



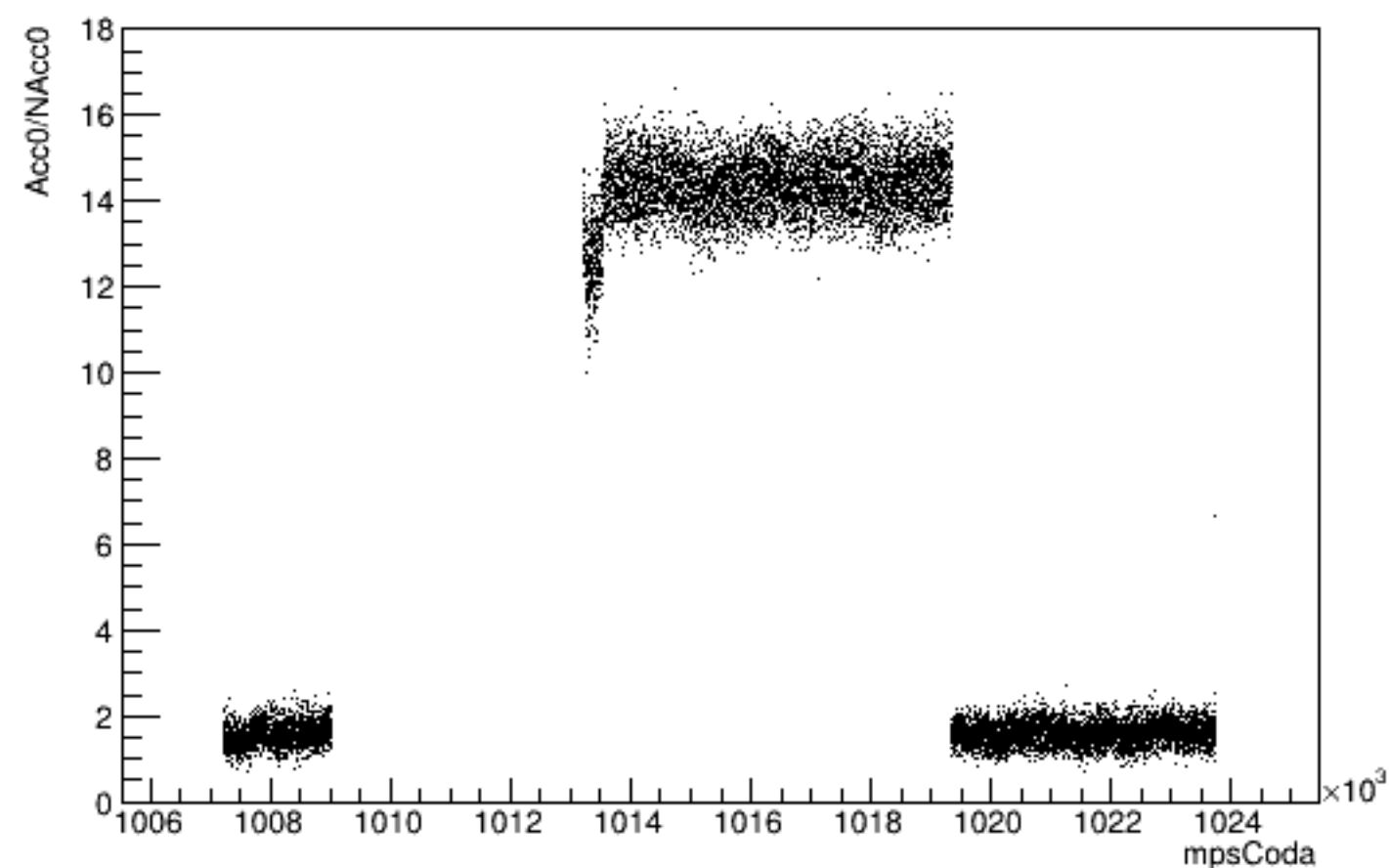
Cycle 34, Asyms

Entries: 163	Entries: 1535	Entries: 397
Mean: 0.0002 +/- 0.0008	Mean: 0.0316 +/- 0.0005	Mean: -0.0005 +/- 0.0005
Std Dev: 0.0096 +/- 0.0005	Std Dev: 0.0180 +/- 0.0003	Std Dev: 0.0107 +/- 0.0004

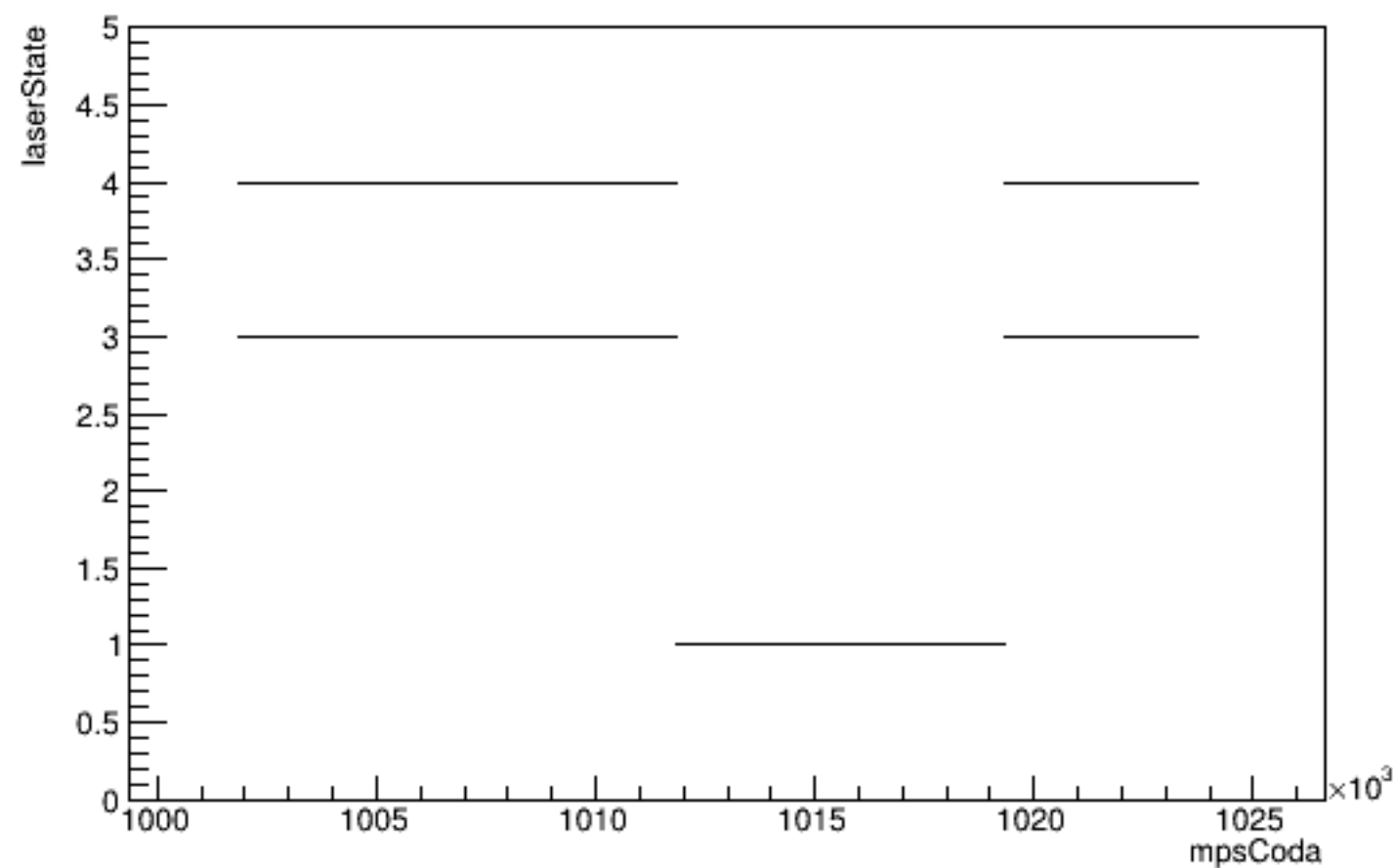
Run 5680 quartetwise, Asyms



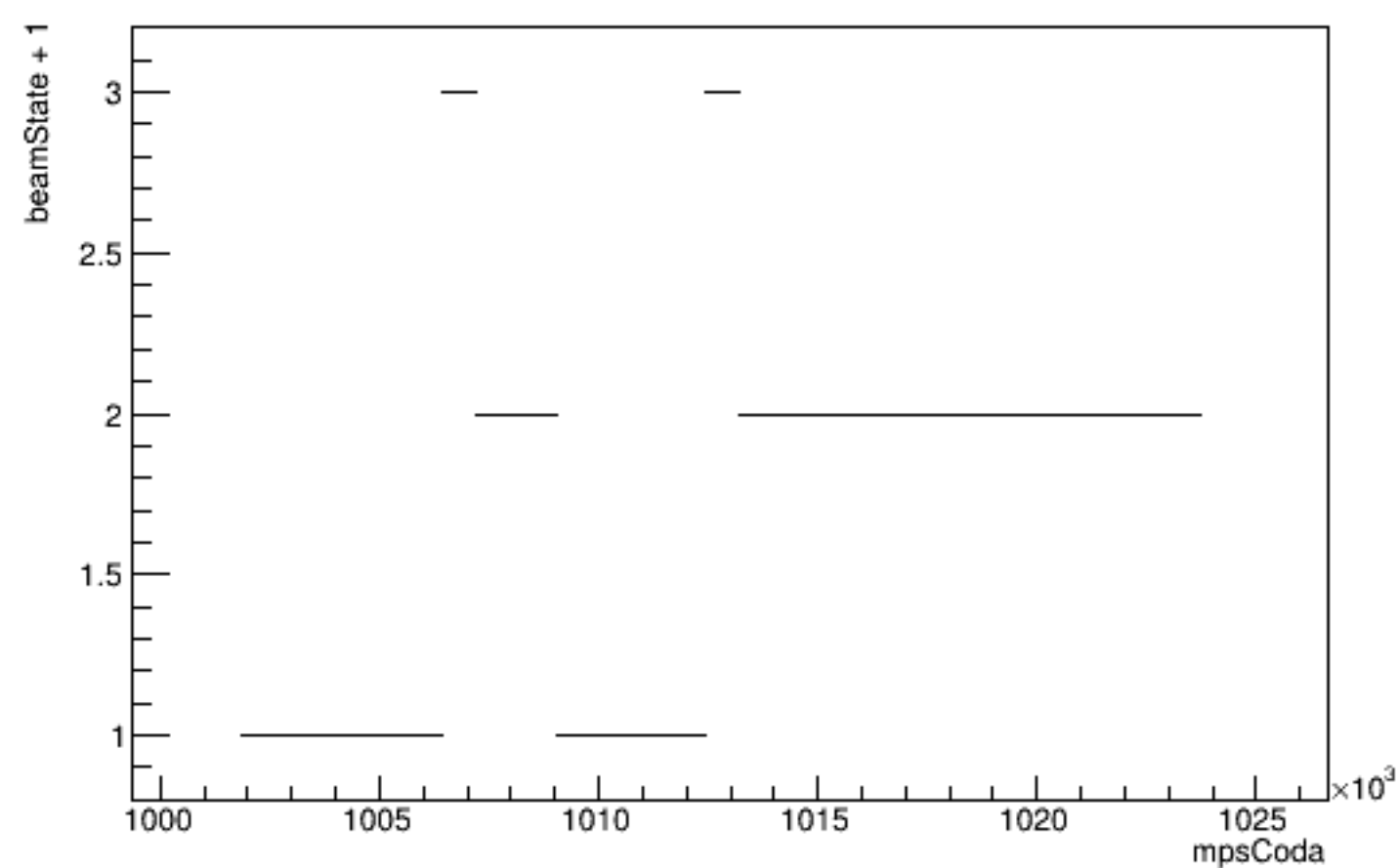
Acc0/NAcc0:mpsCoda (mpsCoda>=1001873 && mpsCoda<=1023752 && beamState==1)



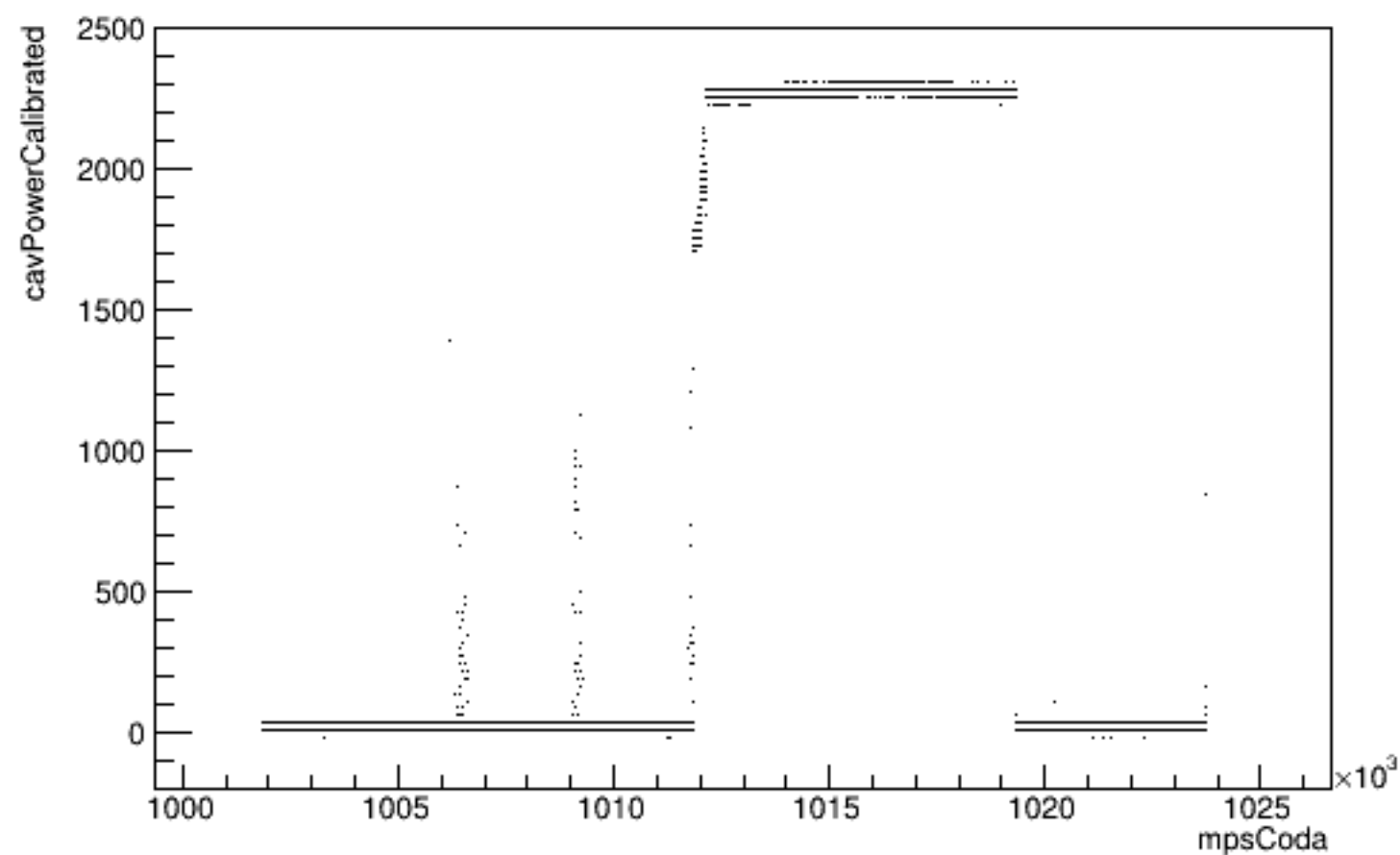
laserState:mpsCoda {mpsCoda>=1001873 && mpsCoda<=1023752}



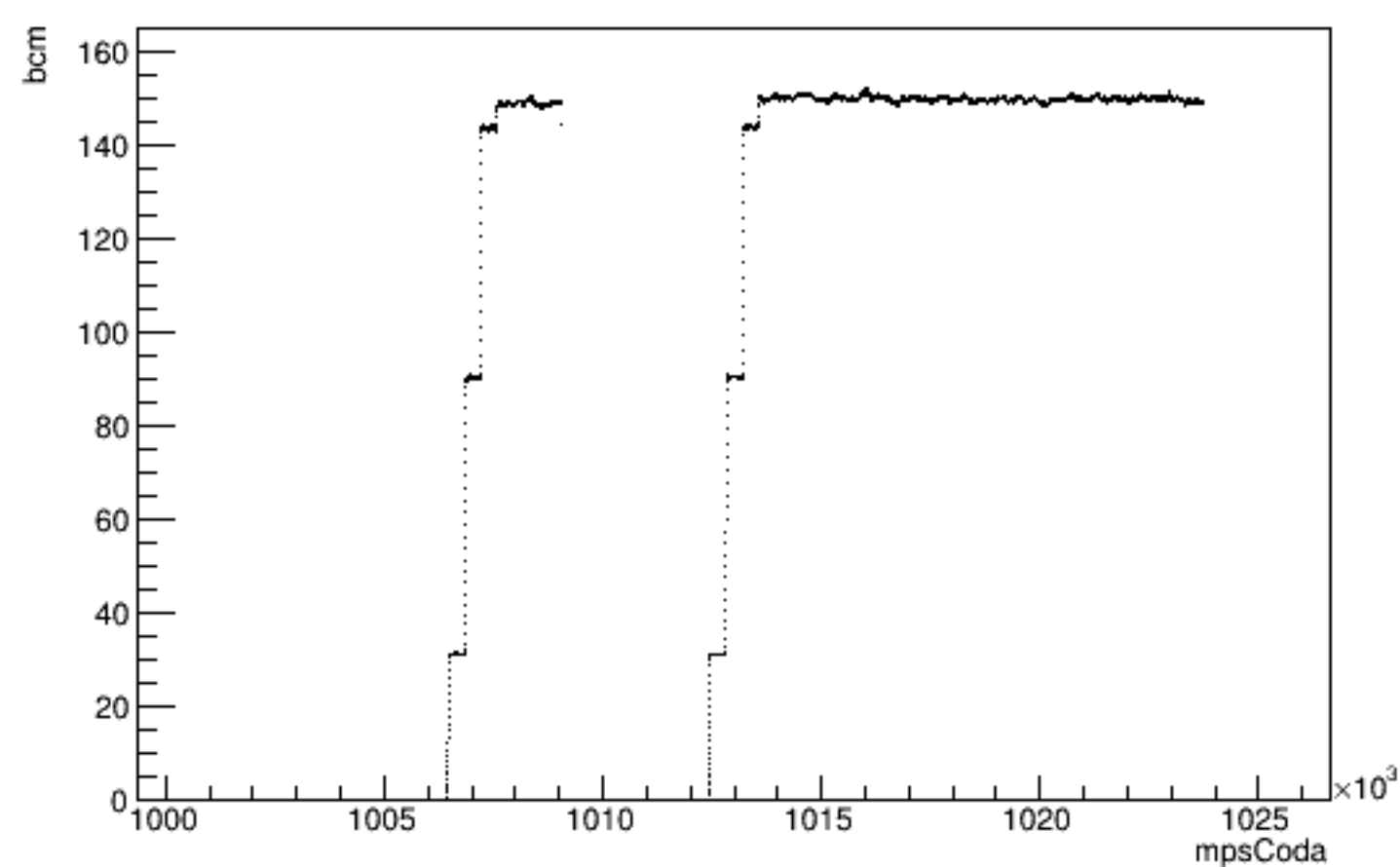
beamState + 1:mpsCoda {mpsCoda>=1001873 && mpsCoda<=1023752}



cavPowerCalibrated:mpsCoda {mpsCoda>=1001873 && mpsCoda<=1023752}



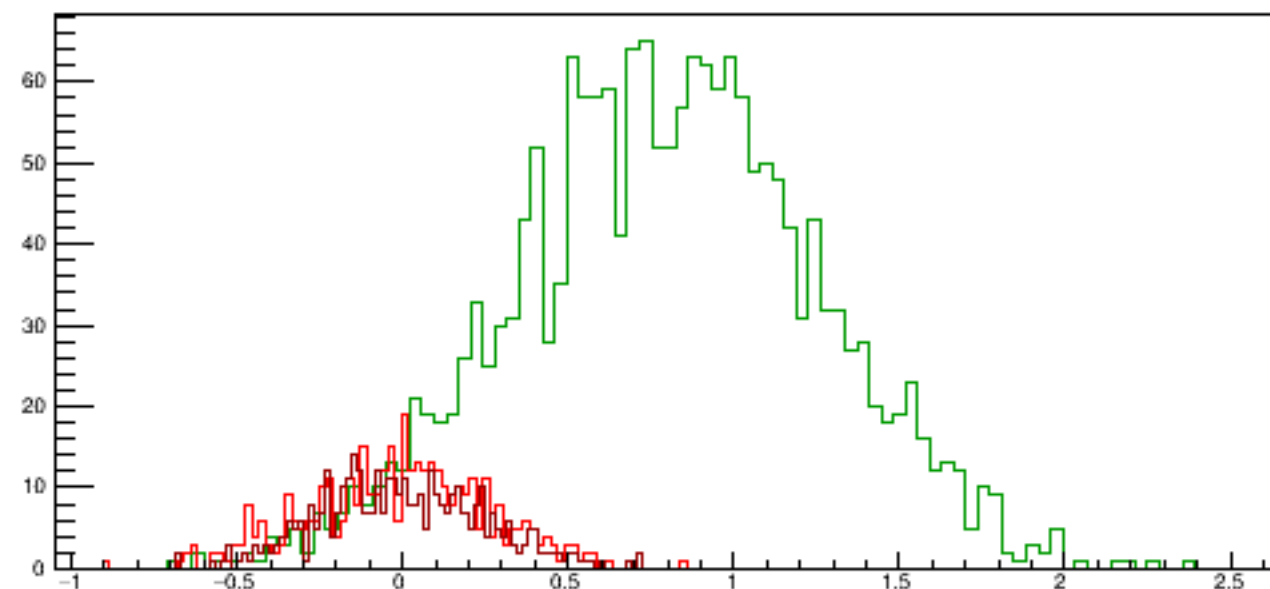
bcm:mpsCoda {mpsCoda>=1001873 && mpsCoda<=1023752}



Cycle 35, Diffs

Entries: 397	Entries: 1905	Entries: 390
Mean: -0.0123 +/- 0.0137	Mean: 0.7937 +/- 0.0106	Mean: -0.0002 +/- 0.0127
Std Dev: 0.2725 +/- 0.0097	Std Dev: 0.4630 +/- 0.0075	Std Dev: 0.2504 +/- 0.0090

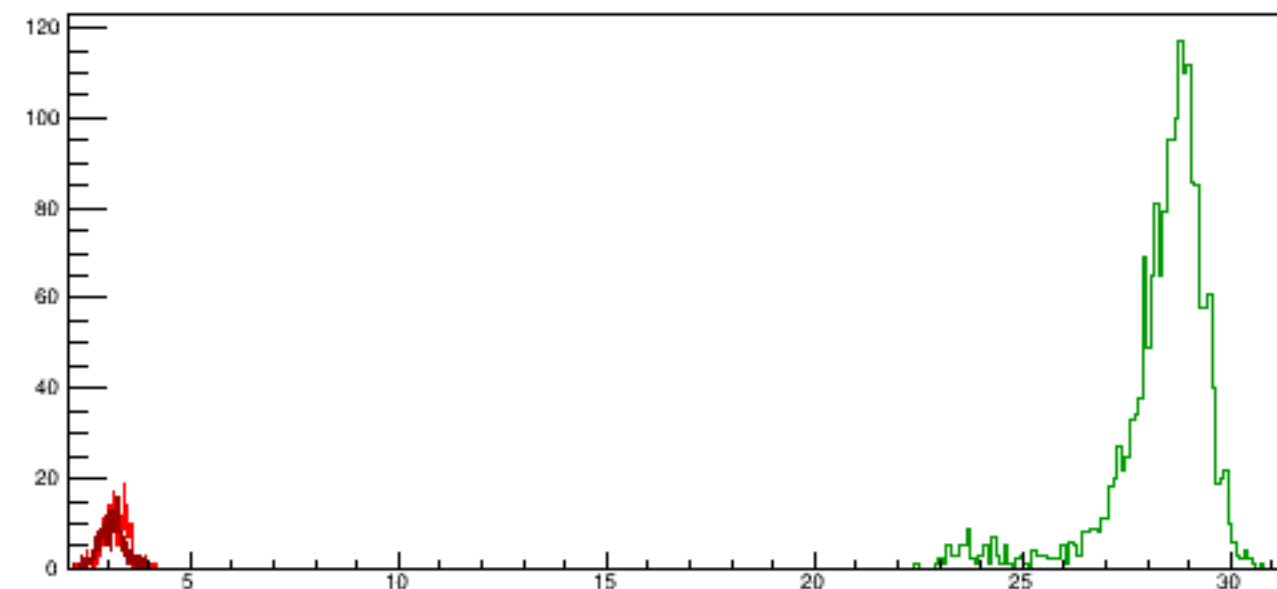
Run 5680 quartetwise, Diffs



Cycle 35, Sums

Entries: 397	Entries: 1905	Entries: 390
Mean: 3.2054 +/- 0.0147	Mean: 28.3596 +/- 0.0273	Mean: 3.0902 +/- 0.0147
Std Dev: 0.2919 +/- 0.0104	Std Dev: 1.1923 +/- 0.0193	Std Dev: 0.2902 +/- 0.0104

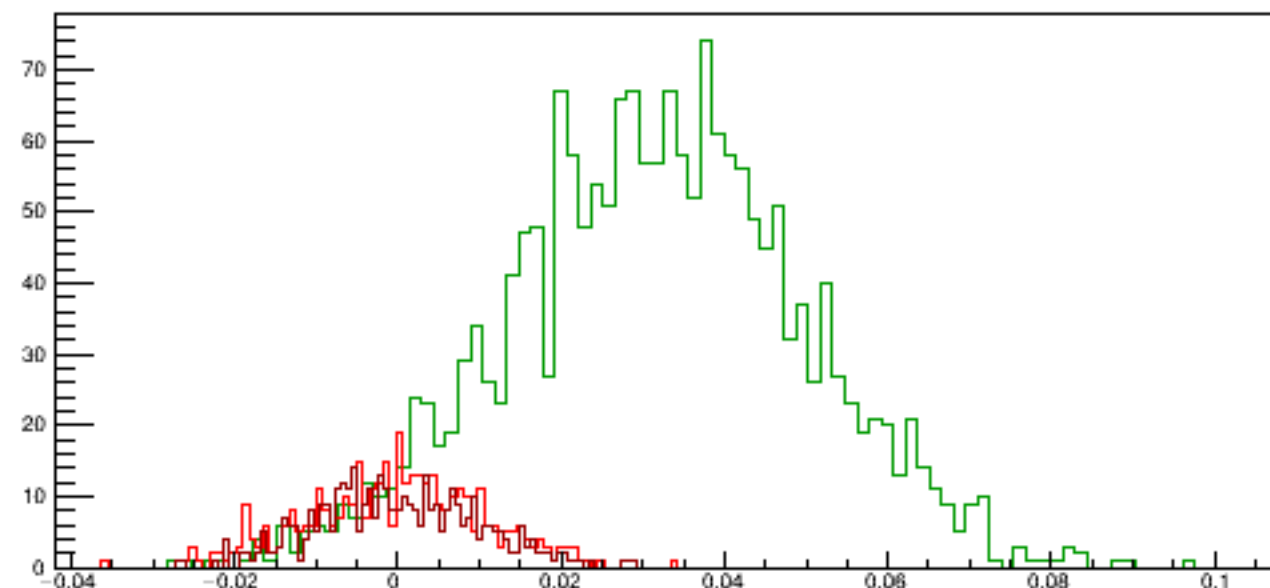
Run 5680 quartetwise, Sums



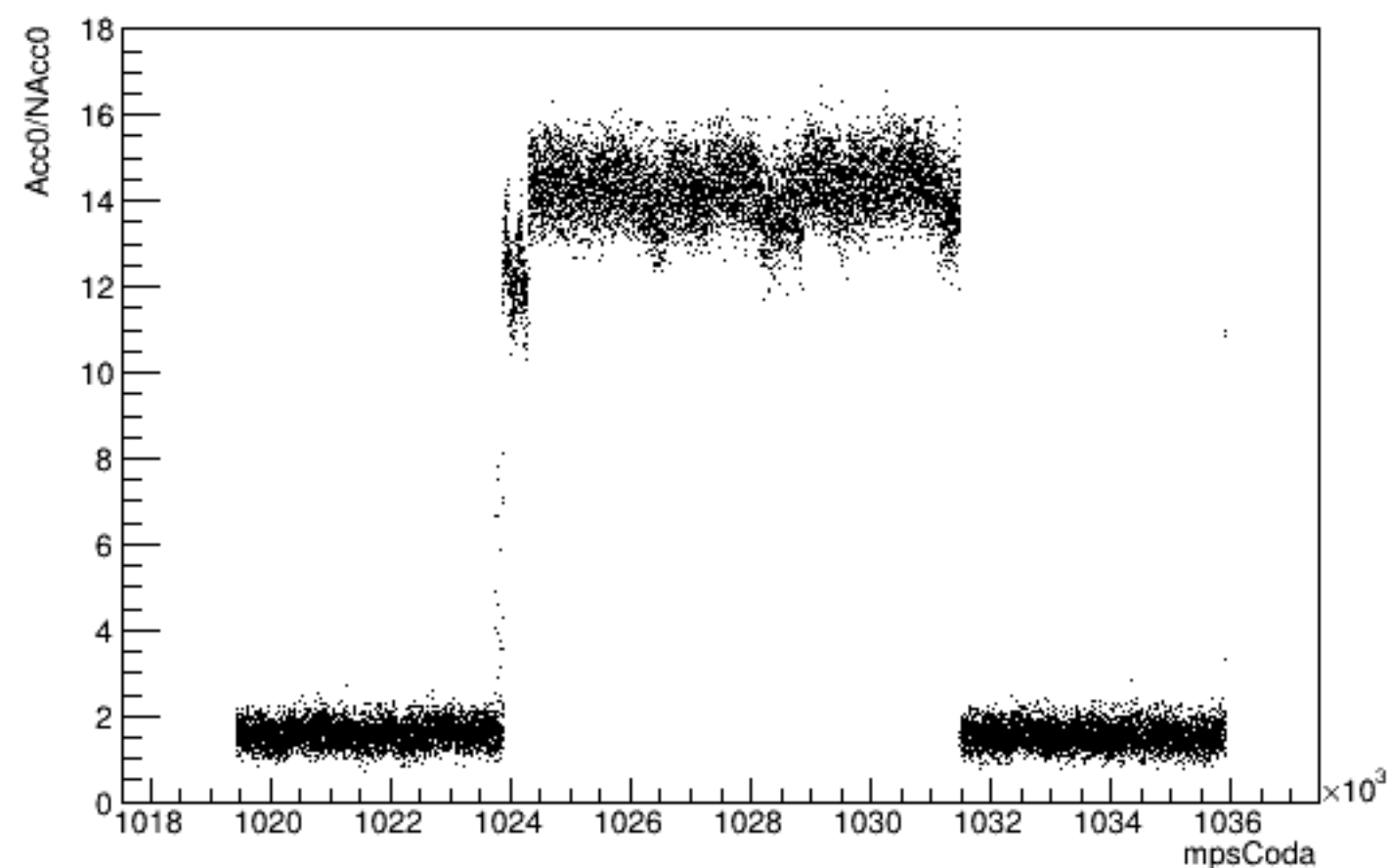
Cycle 35, Asyms

Entries: 397	Entries: 1905	Entries: 390
Mean: -0.0005 +/- 0.0005	Mean: 0.0314 +/- 0.0004	Mean: -0.0000 +/- 0.0005
Std Dev: 0.0108 +/- 0.0004	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0099 +/- 0.0004

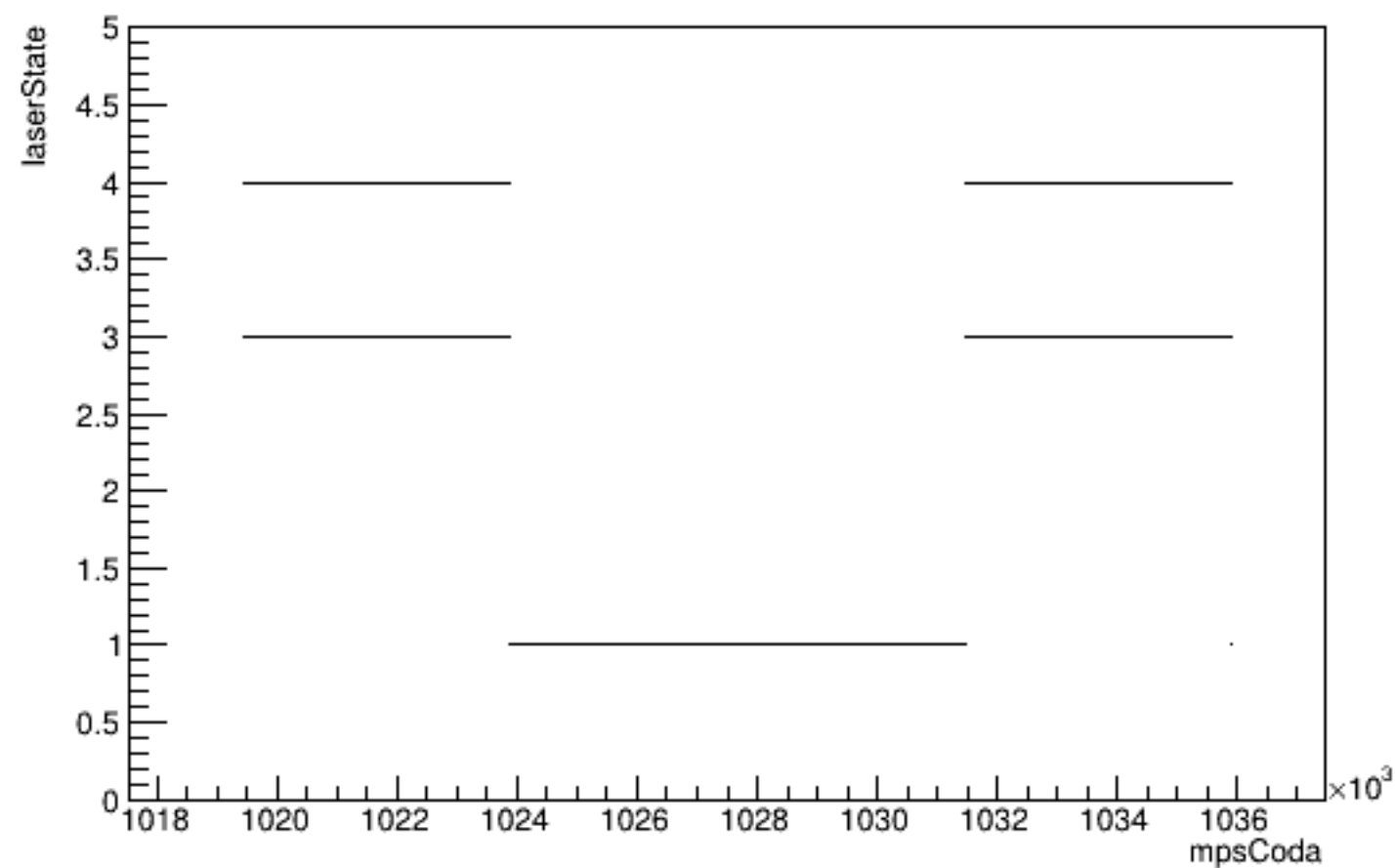
Run 5680 quartetwise, Asyms



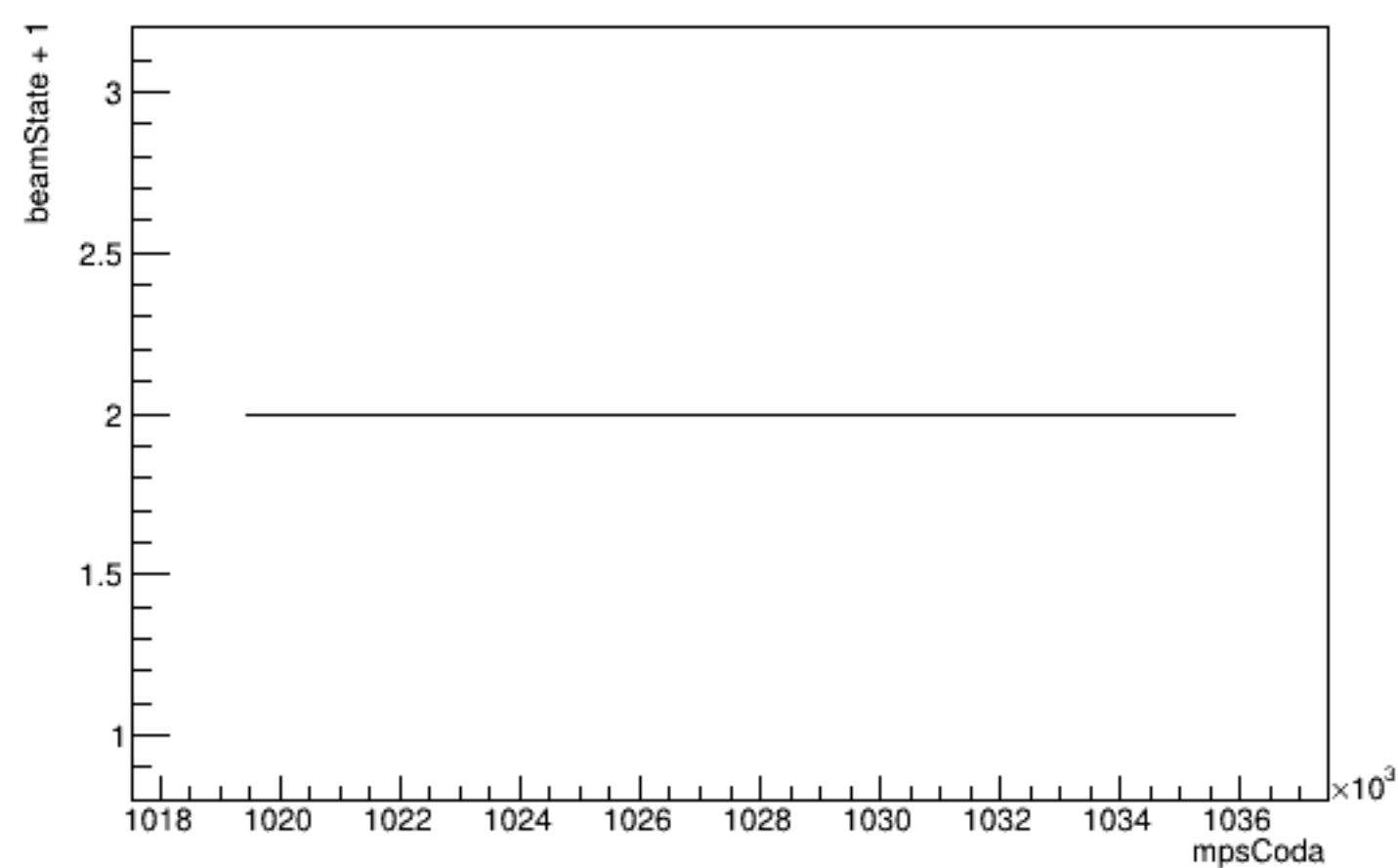
Acc0/NAcc0:mpsCoda (mpsCoda>=1019421 && mpsCoda<=1035908 && beamState==1)



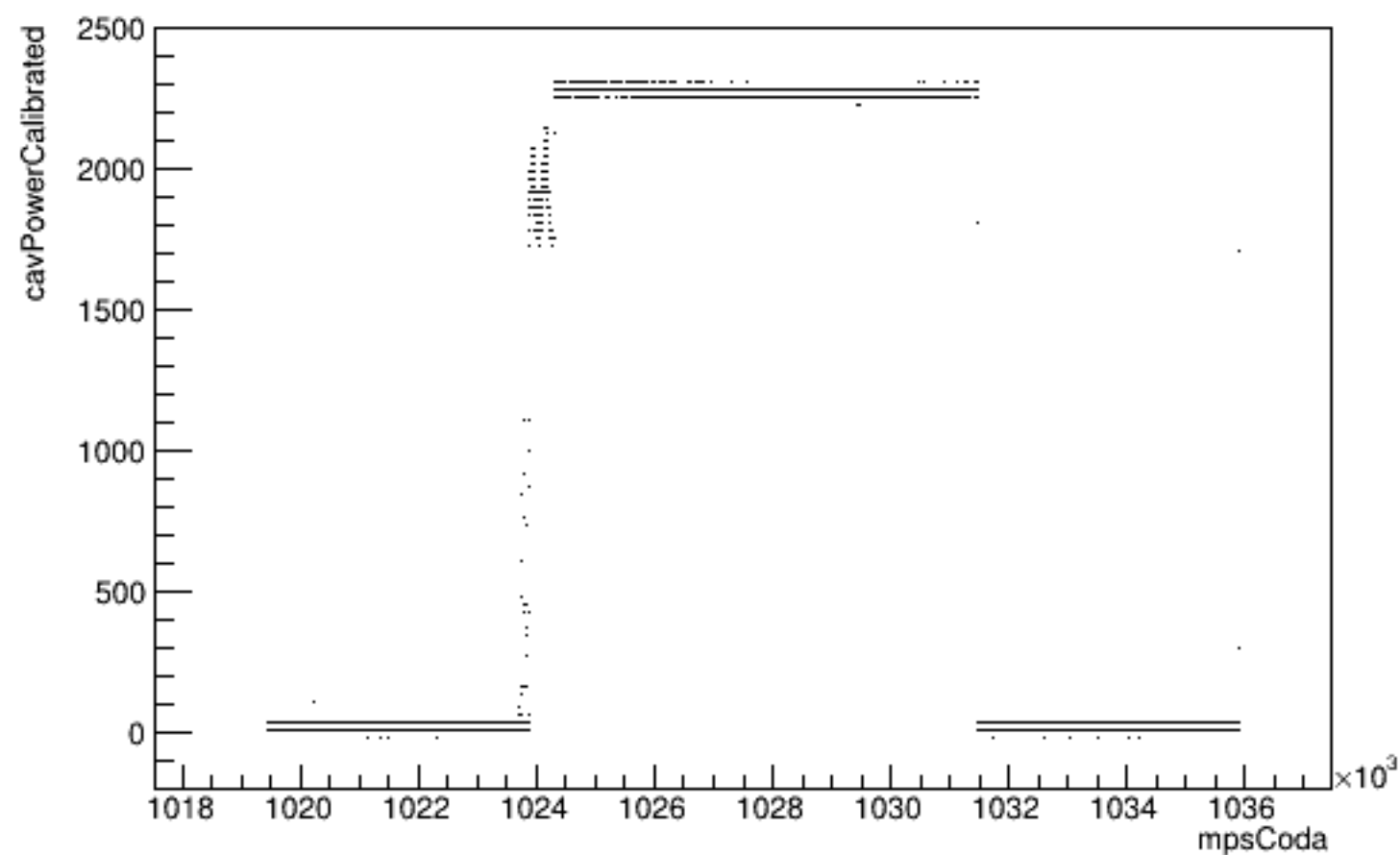
laserState:mpsCoda {mpsCoda>=1019421 && mpsCoda<=1035908}



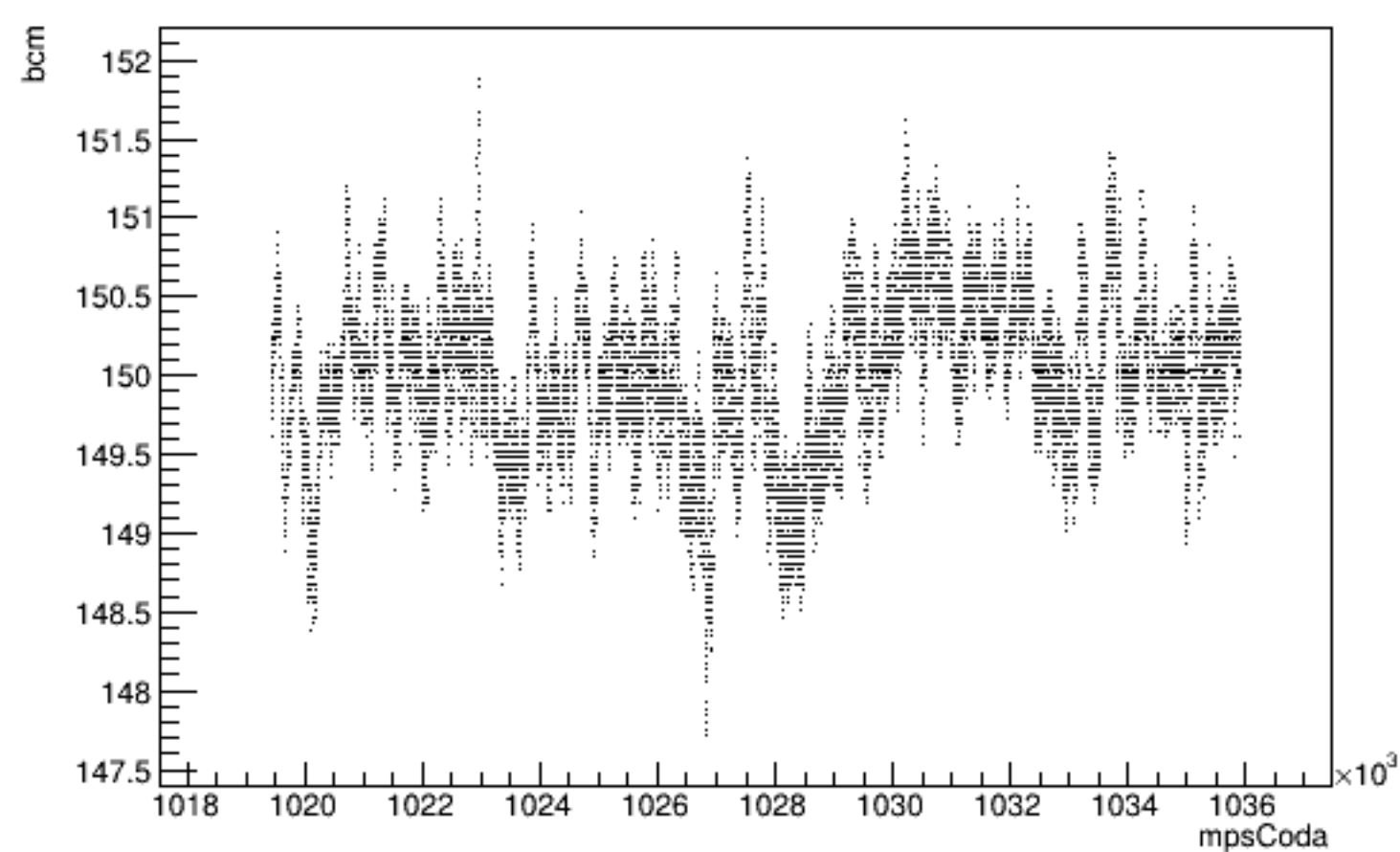
beamState + 1:mpsCoda {mpsCoda>=1019421 && mpsCoda<=1035908}



cavPowerCalibrated:mpsCoda {mpsCoda>=1019421 && mpsCoda<=1035908}



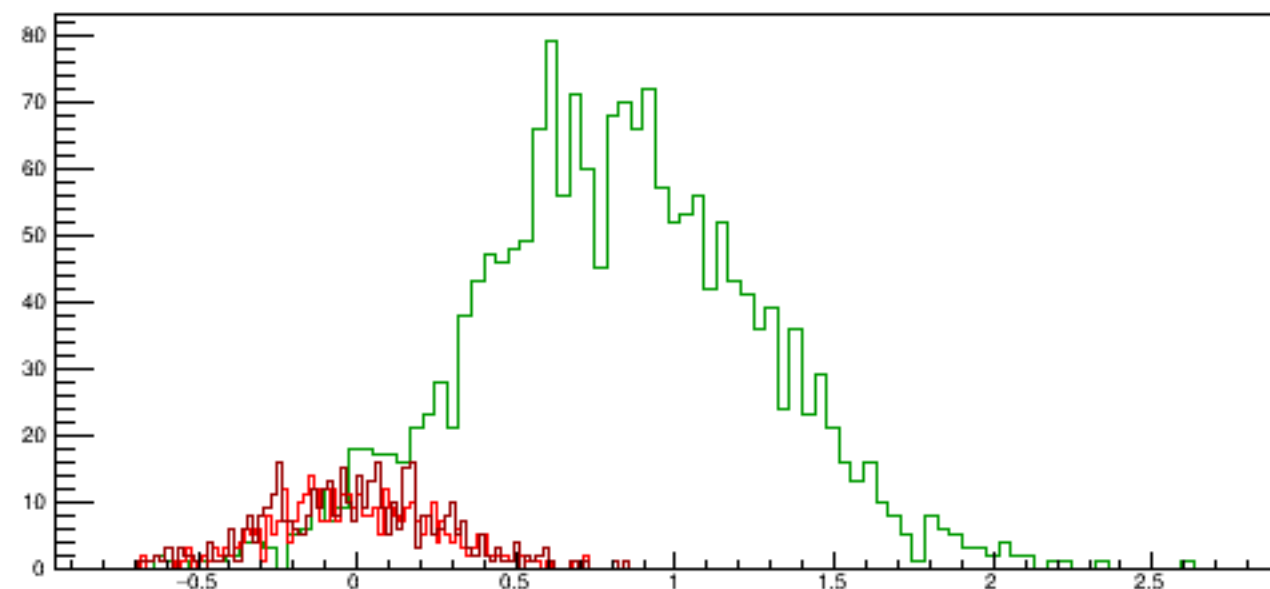
bcm:mpsCoda {mpsCoda>=1019421 && mpsCoda<=1035908}



Cycle 36, Diffs

Entries: 390	Entries: 1873	Entries: 421
Mean: -0.0002 +/- 0.0127	Mean: 0.8129 +/- 0.0105	Mean: -0.0082 +/- 0.0131
Std Dev: 0.2504 +/- 0.0090	Std Dev: 0.4525 +/- 0.0074	Std Dev: 0.2694 +/- 0.0093

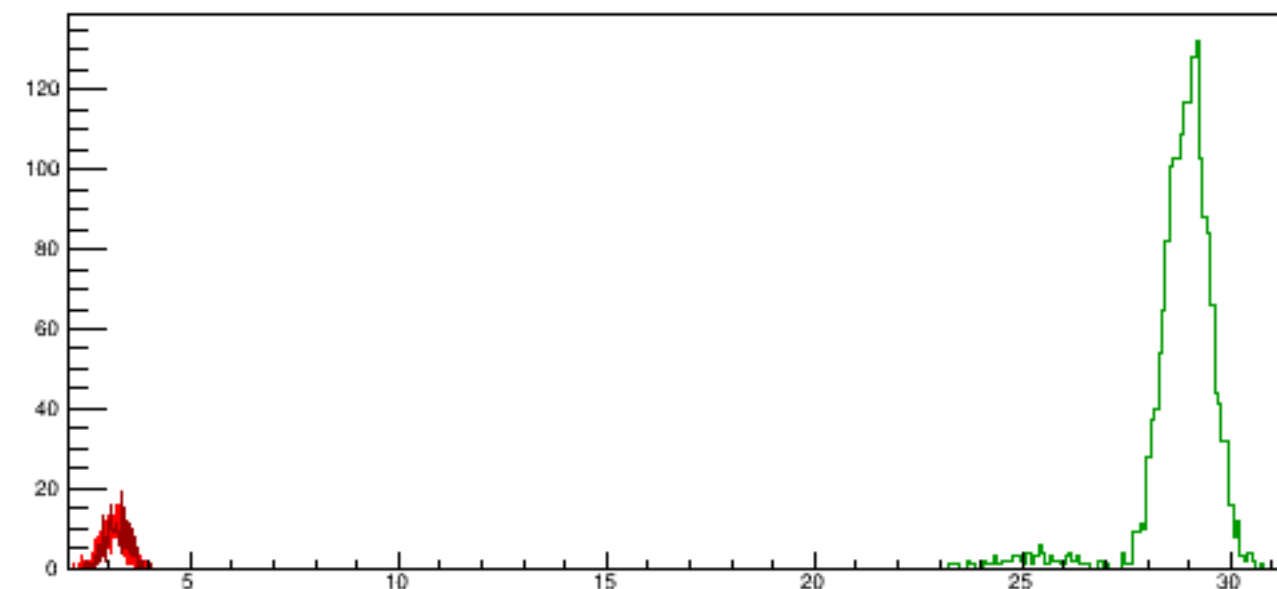
Run 5680 quartetwise, Diffs



Cycle 36, Sums

Entries: 390	Entries: 1873	Entries: 421
Mean: 3.0902 +/- 0.0147	Mean: 28.8337 +/- 0.0208	Mean: 3.2316 +/- 0.0138
Std Dev: 0.2902 +/- 0.0104	Std Dev: 0.9008 +/- 0.0147	Std Dev: 0.2842 +/- 0.0098

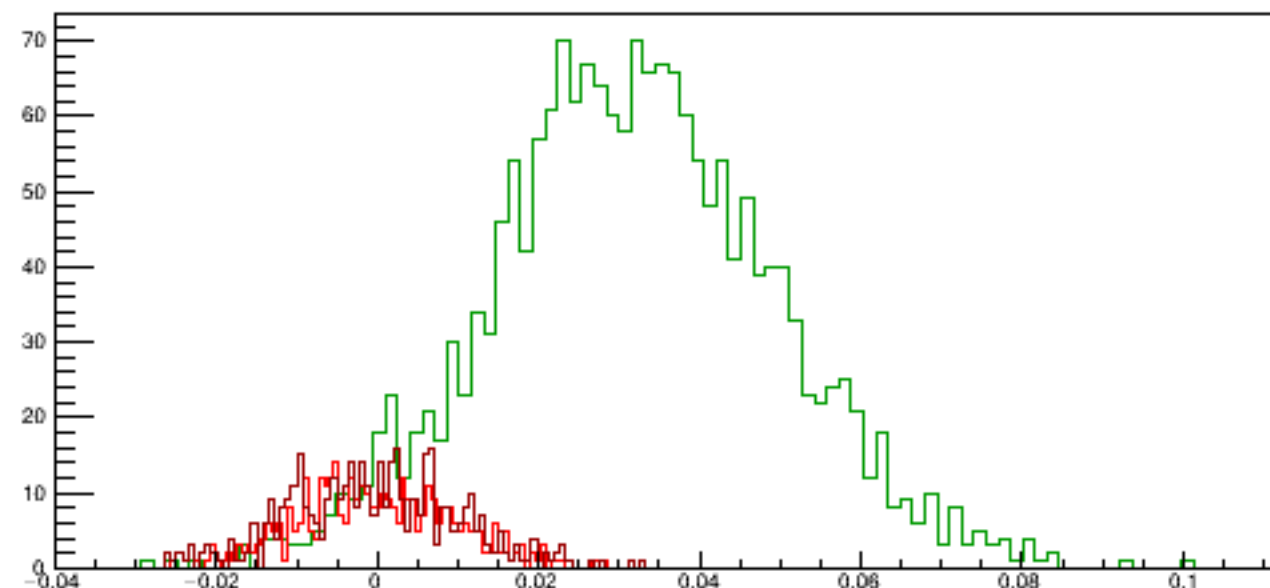
Run 5680 quartetwise, Sums



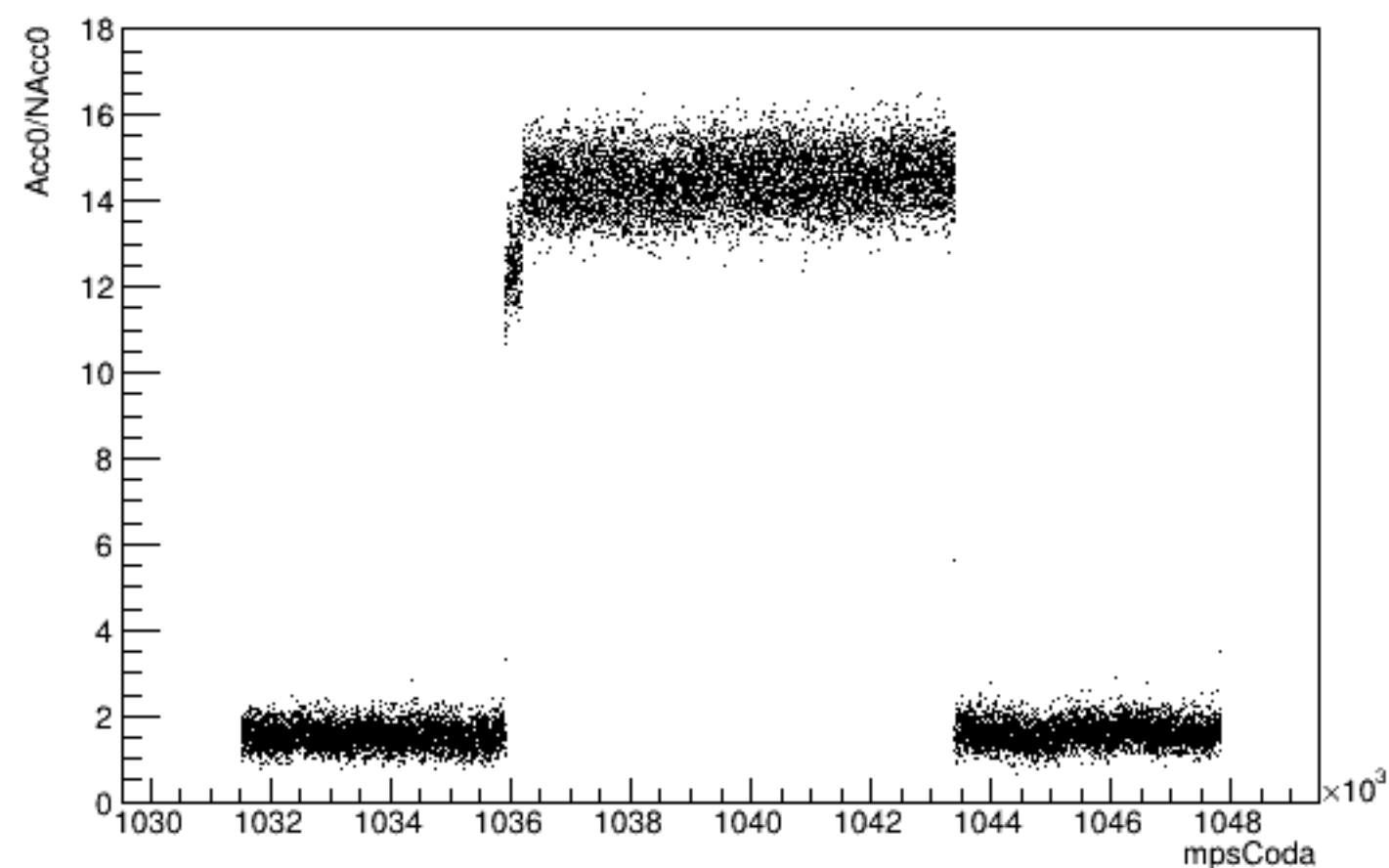
Cycle 36, Asyms

Entries: 390	Entries: 1873	Entries: 421
Mean: -0.0000 +/- 0.0005	Mean: 0.0317 +/- 0.0004	Mean: -0.0003 +/- 0.0005
Std Dev: 0.0098 +/- 0.0003	Std Dev: 0.0177 +/- 0.0003	Std Dev: 0.0105 +/- 0.0004

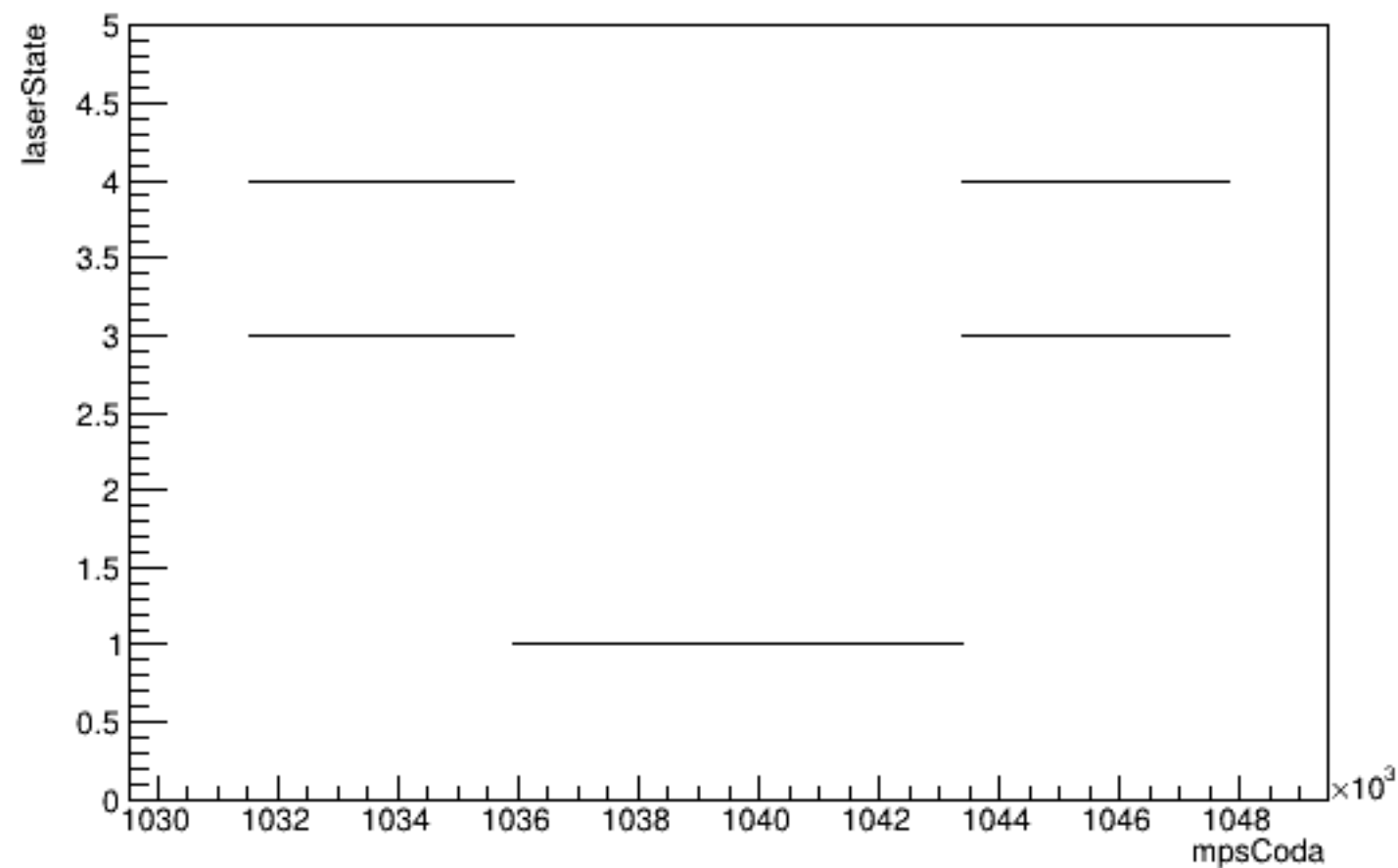
Run 5680 quartetwise, Asyms



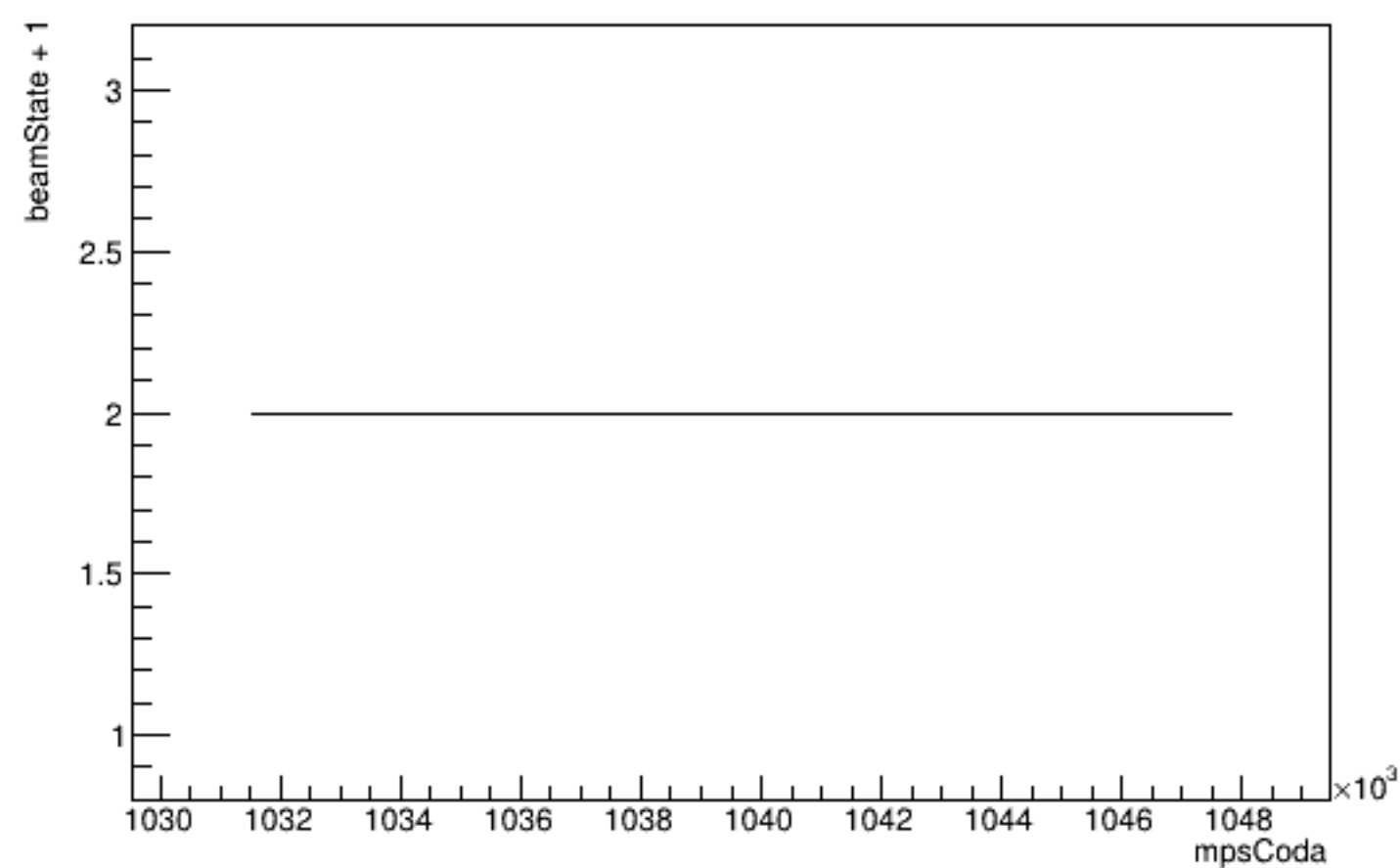
Acc0/NAcc0:mpsCoda (mpsCoda>=1031521 && mpsCoda<=1047828 && beamState==1)



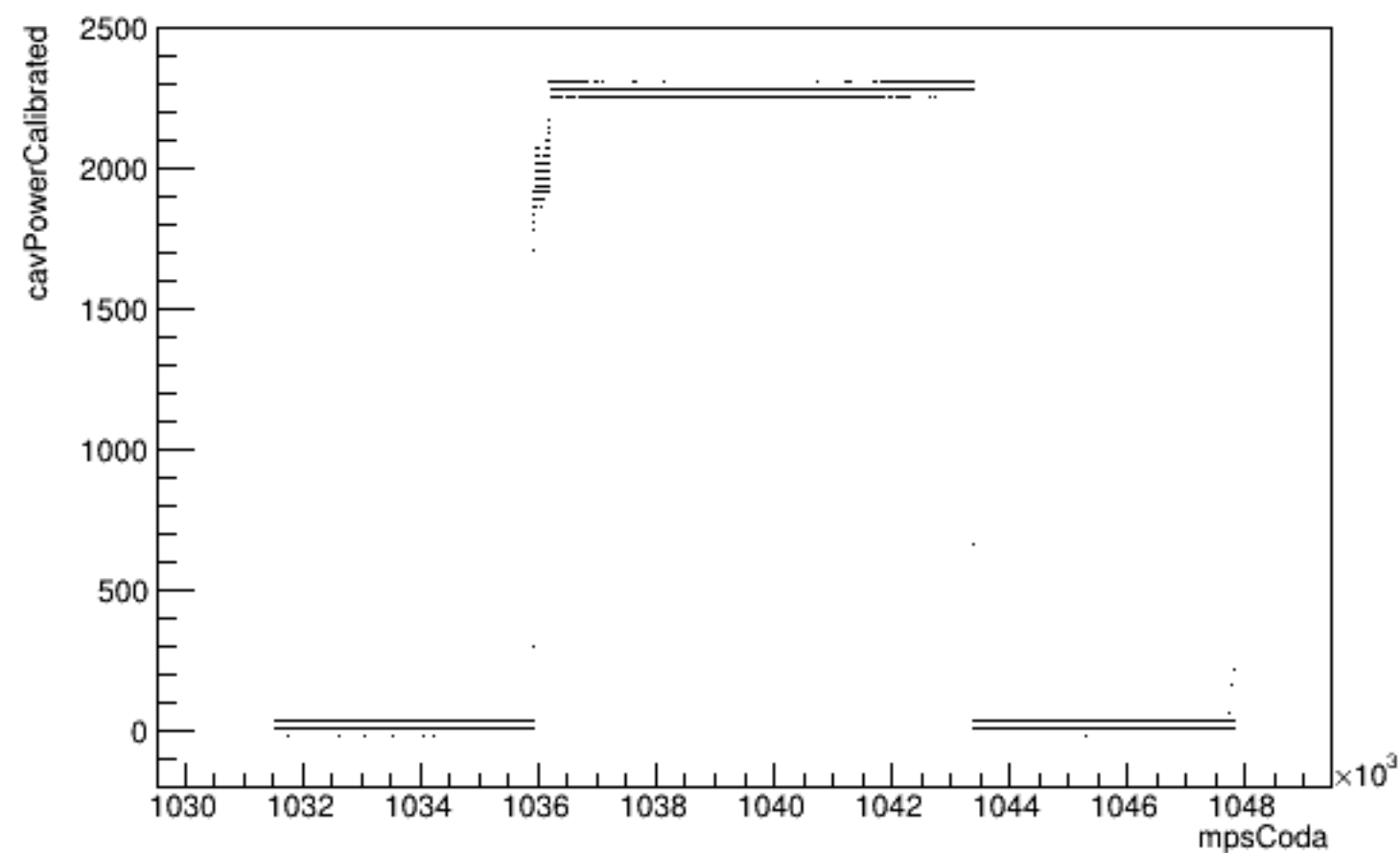
laserState:mpsCoda {mpsCoda>=1031521 && mpsCoda<=1047828}



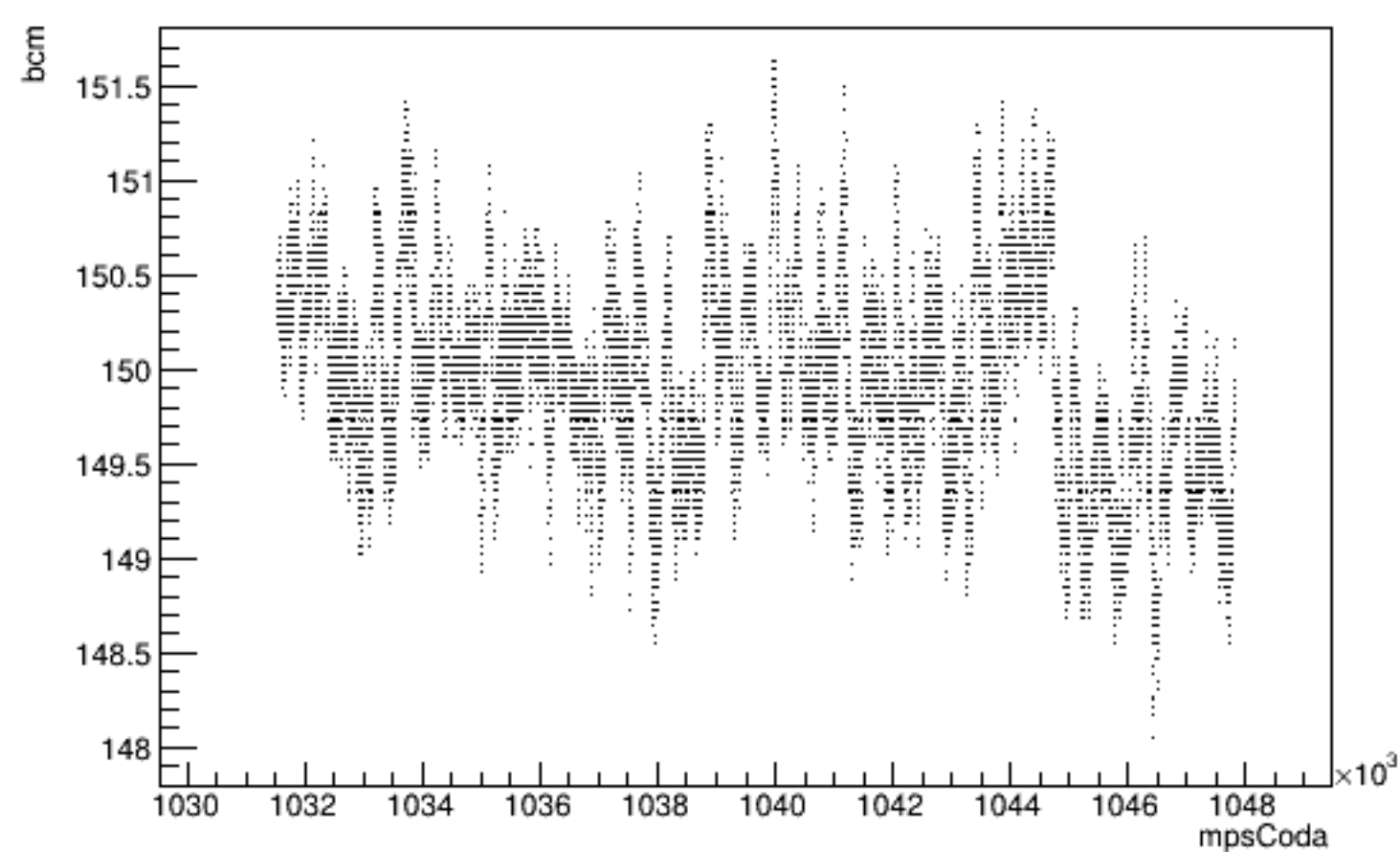
beamState + 1:mpsCoda {mpsCoda>=1031521 && mpsCoda<=1047828}



cavPowerCalibrated:mpsCoda {mpsCoda>=1031521 && mpsCoda<=1047828}



bcm:mpsCoda {mpsCoda>=1031521 && mpsCoda<=1047828}



Cycle 37, Diffs

Entries: 421

Mean: -0.0082 +/- 0.0131

Std Dev: 0.2694 +/- 0.0093

Entries: 1912

Mean: 0.7872 +/- 0.0104

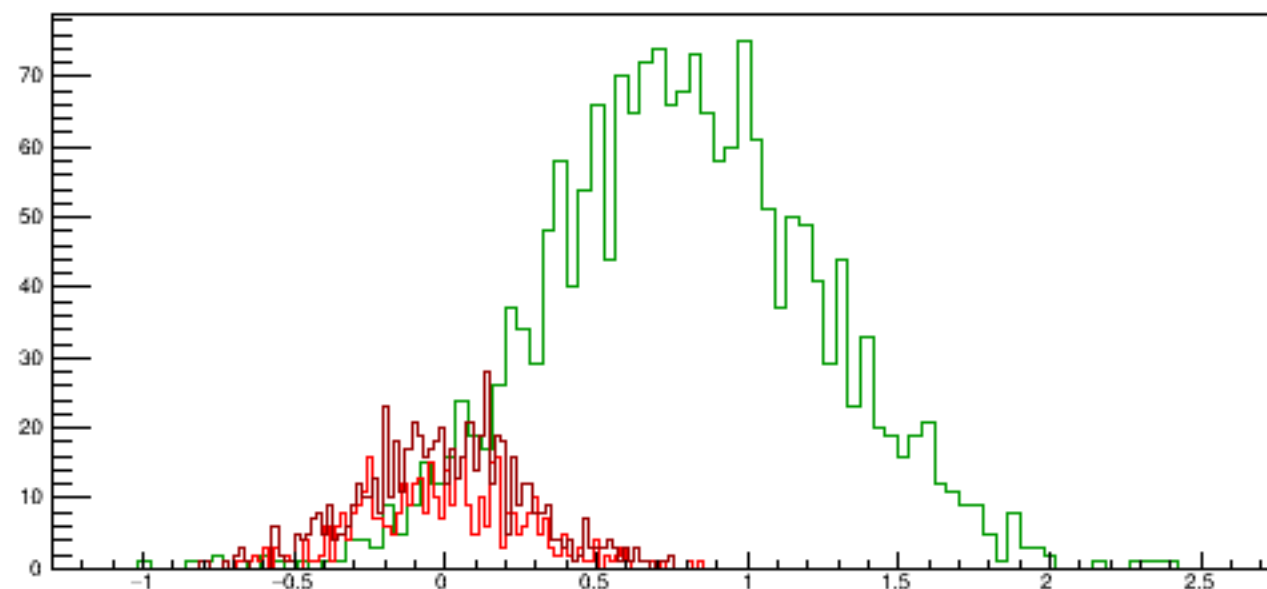
Std Dev: 0.4561 +/- 0.0074

Entries: 652

Mean: -0.0019 +/- 0.0106

Std Dev: 0.2698 +/- 0.0075

Run 5680 quartetwise, Diffs



Cycle 37, Sums

Entries: 421

Mean: 3.2316 +/- 0.0138

Std Dev: 0.2842 +/- 0.0098

Entries: 1912

Mean: 28.5917 +/- 0.0257

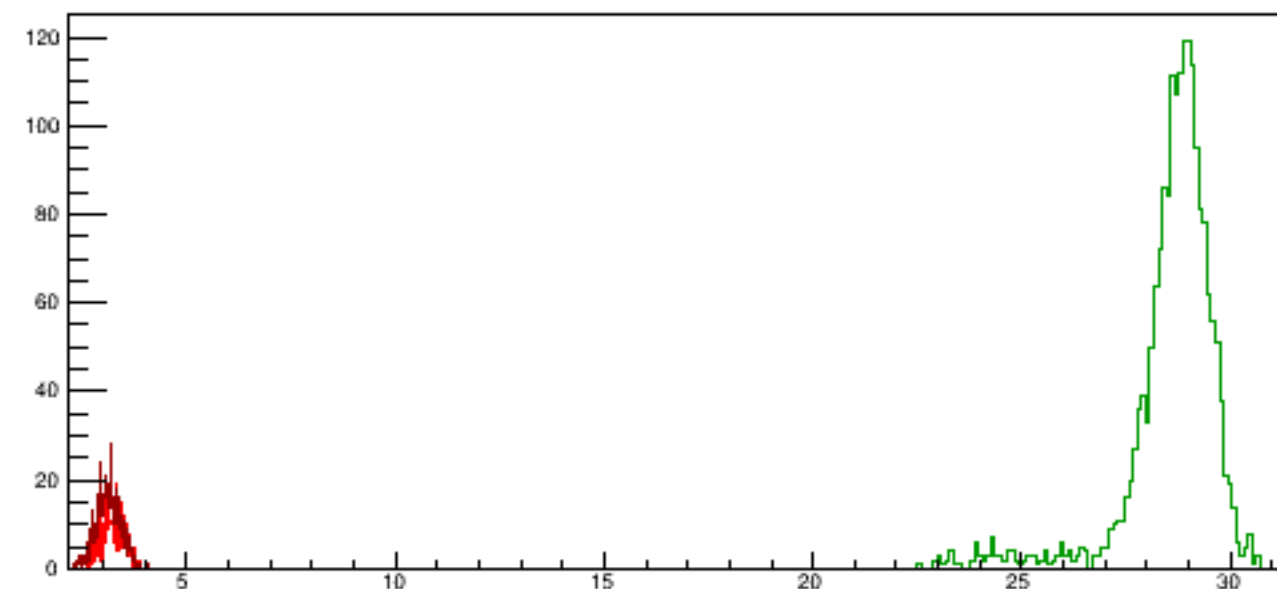
Std Dev: 1.1228 +/- 0.0182

Entries: 652

Mean: 3.1168 +/- 0.0111

Std Dev: 0.2827 +/- 0.0078

Run 5680 quartetwise, Sums



Cycle 37, Asyms

Entries: 421

Mean: -0.0003 +/- 0.0005

Std Dev: 0.0106 +/- 0.0004

Entries: 1912

Mean: 0.0310 +/- 0.0004

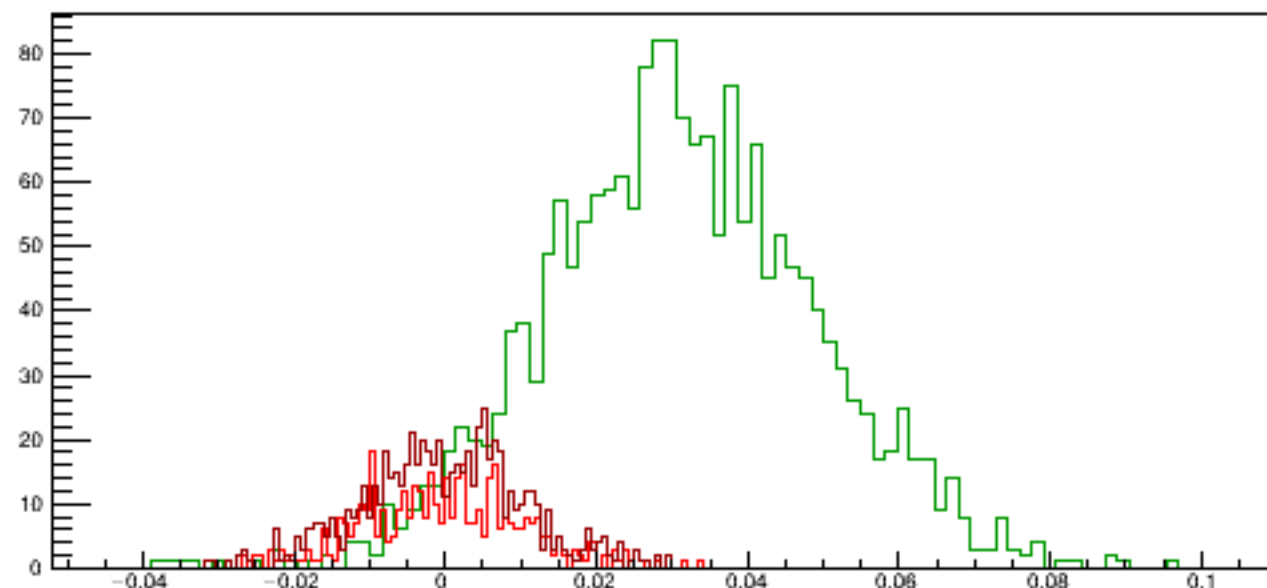
Std Dev: 0.0180 +/- 0.0003

Entries: 652

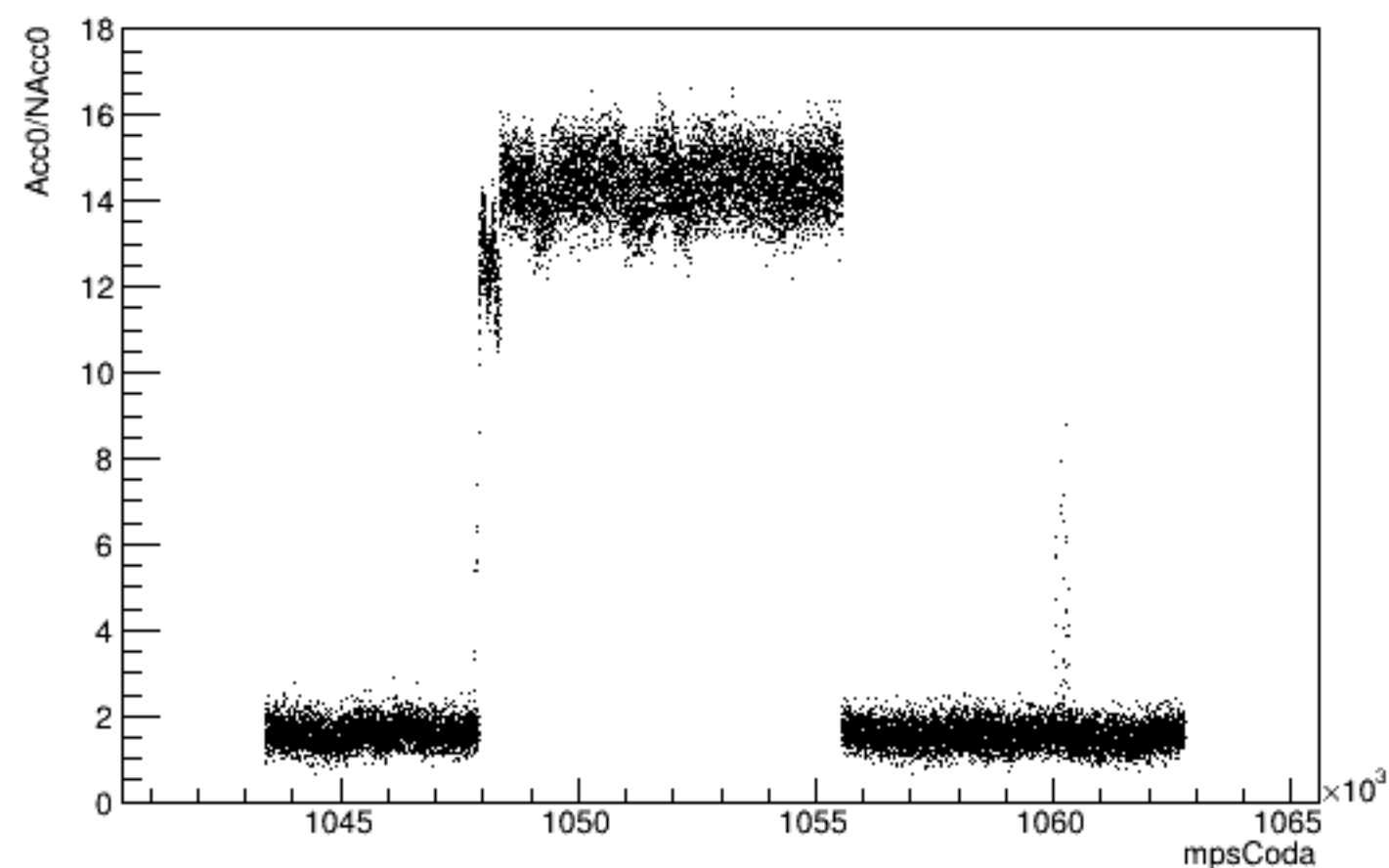
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0106 +/- 0.0003

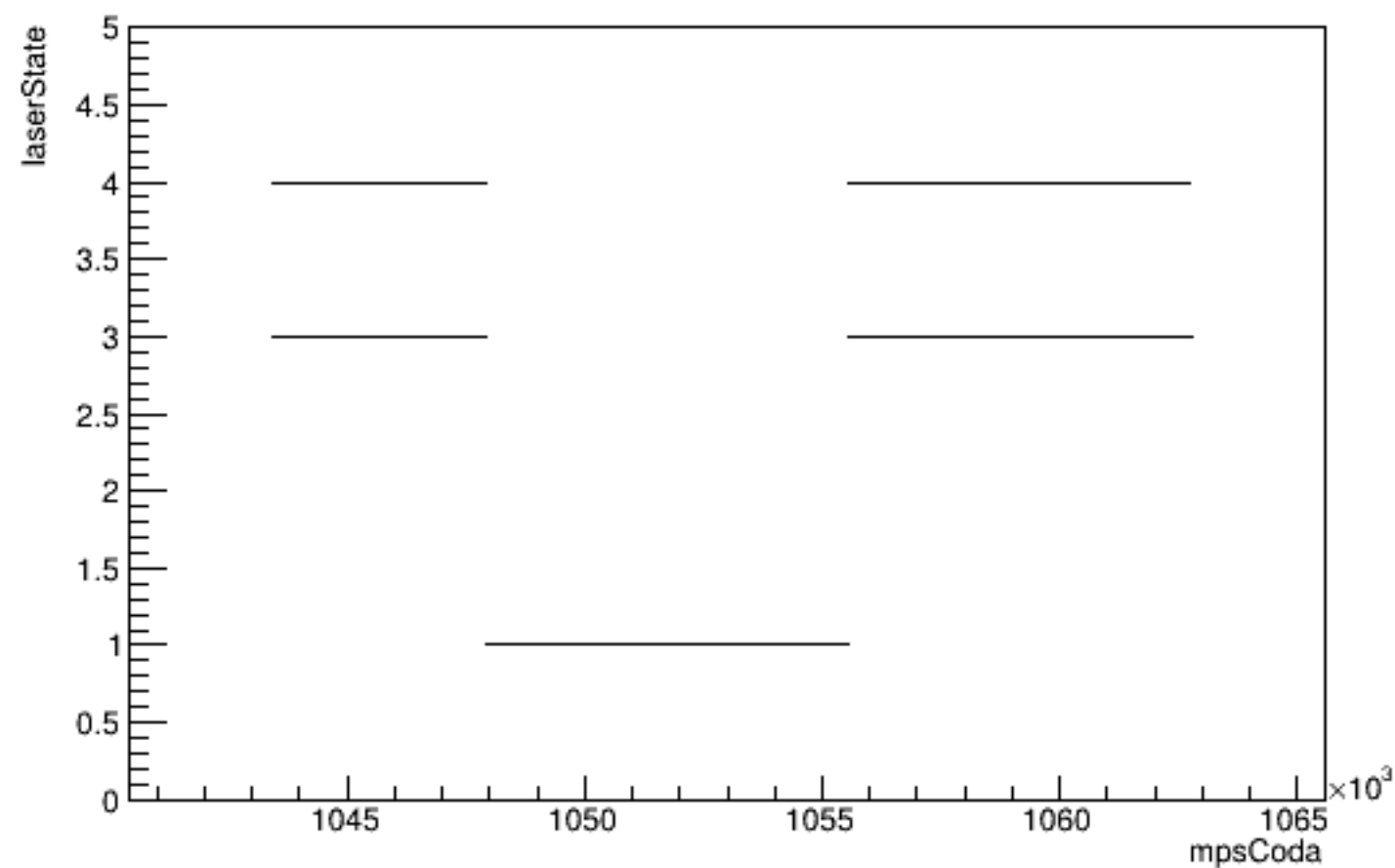
Run 5680 quartetwise, Asyms



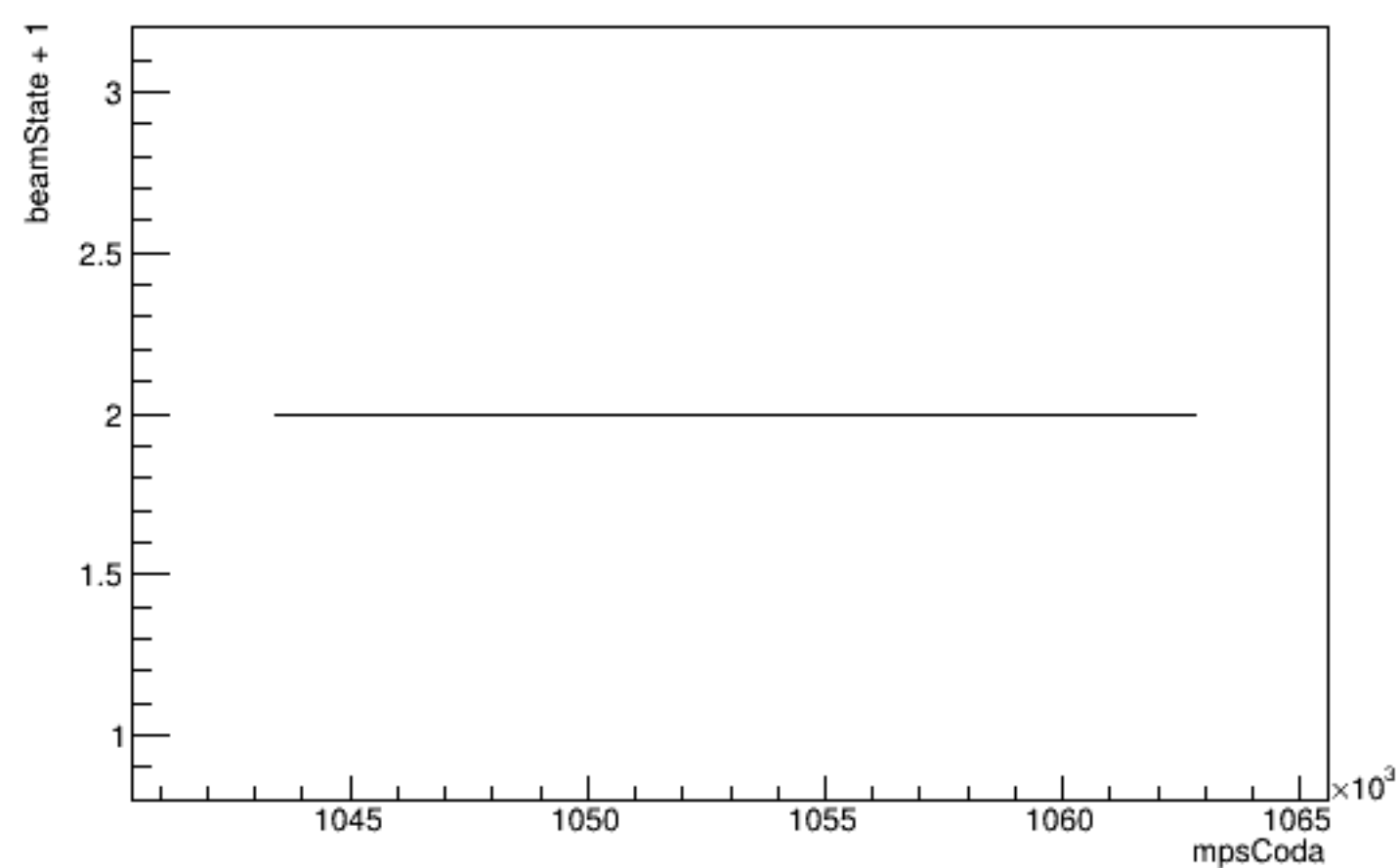
Acc0/NAcc0:mpsCoda (mpsCoda>=1043413 && mpsCoda<=1062768 && beamState==1)



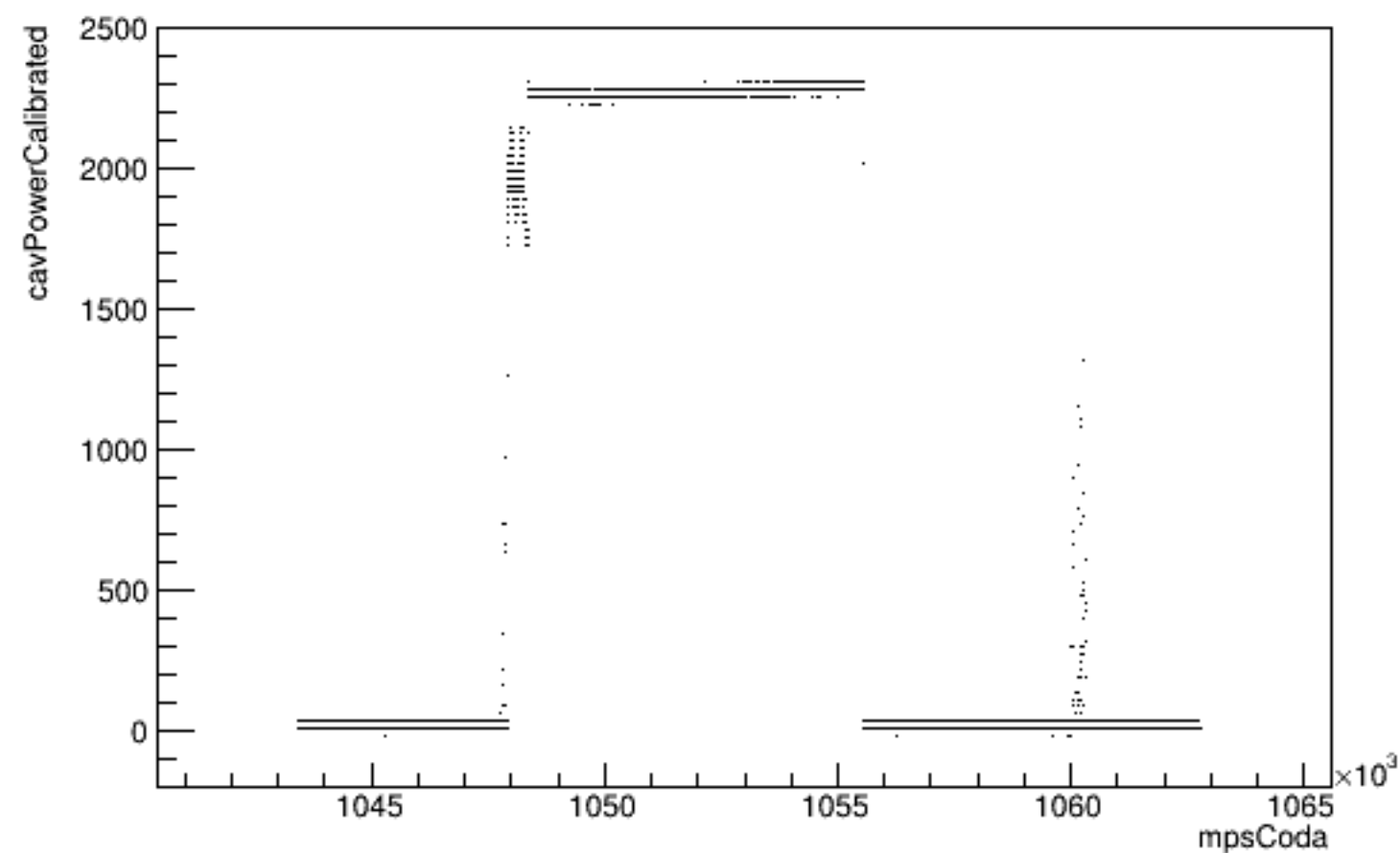
laserState:mpsCoda {mpsCoda>=1043413 && mpsCoda<=1062768}



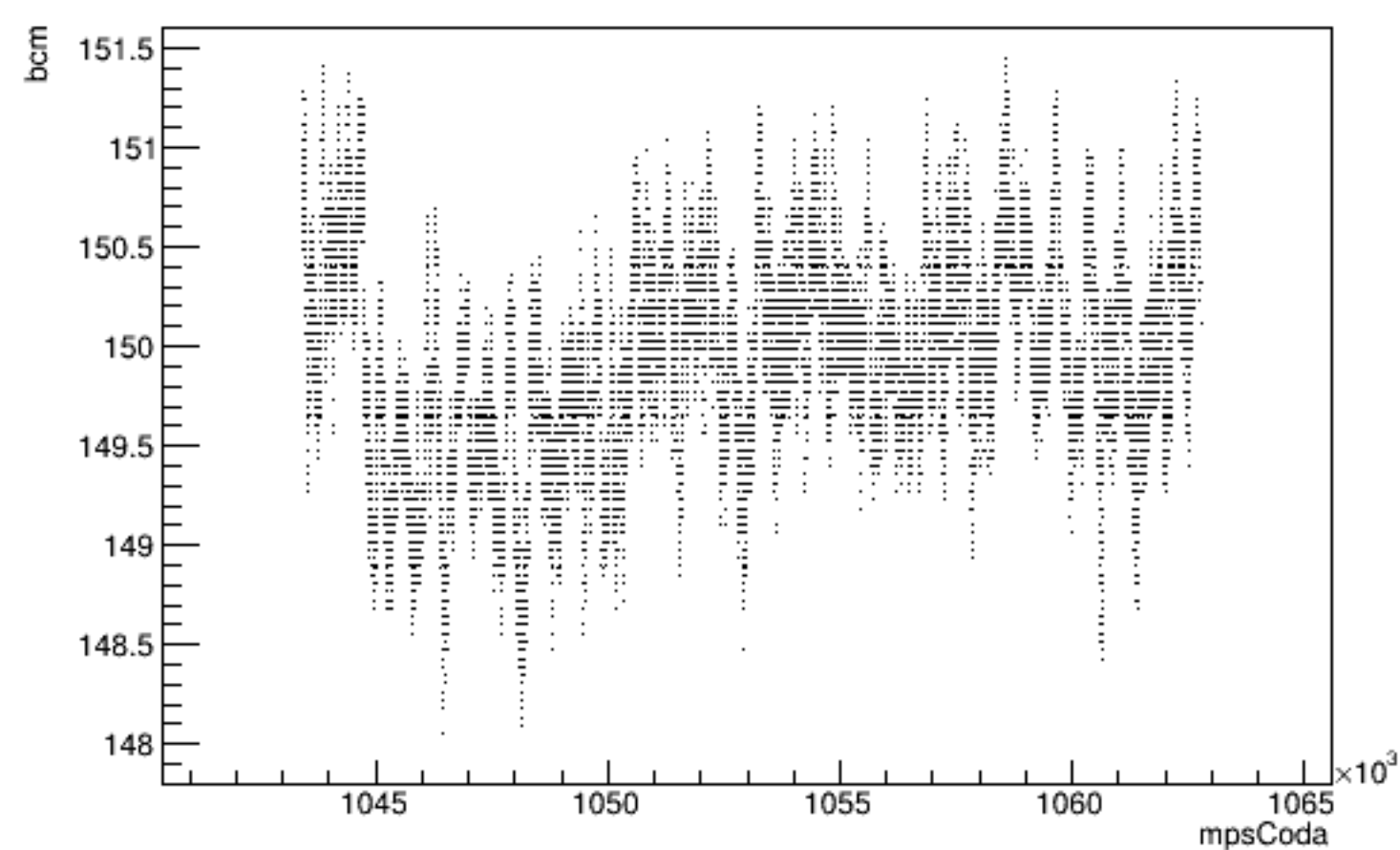
beamState + 1:mpsCoda {mpsCoda>=1043413 && mpsCoda<=1062768}



cavPowerCalibrated:mpsCoda {mpsCoda>=1043413 && mpsCoda<=1062768}



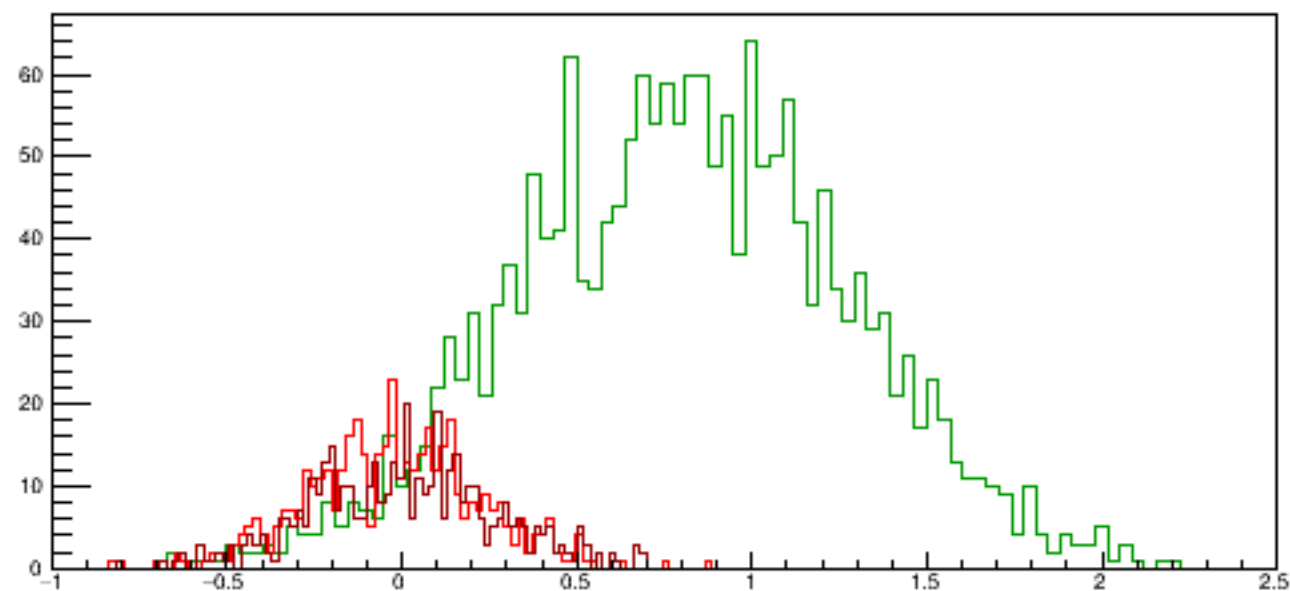
bcm:mpsCoda {mpsCoda>=1043413 && mpsCoda<=1062768}



Cycle 38, Diffs

Entries: 440	Entries: 1932	Entries: 434
Mean: -0.0234 +/- 0.0120	Mean: 0.8006 +/- 0.0108	Mean: 0.0058 +/- 0.0128
Std Dev: 0.2516 +/- 0.0085	Std Dev: 0.4744 +/- 0.0076	Std Dev: 0.2665 +/- 0.0090

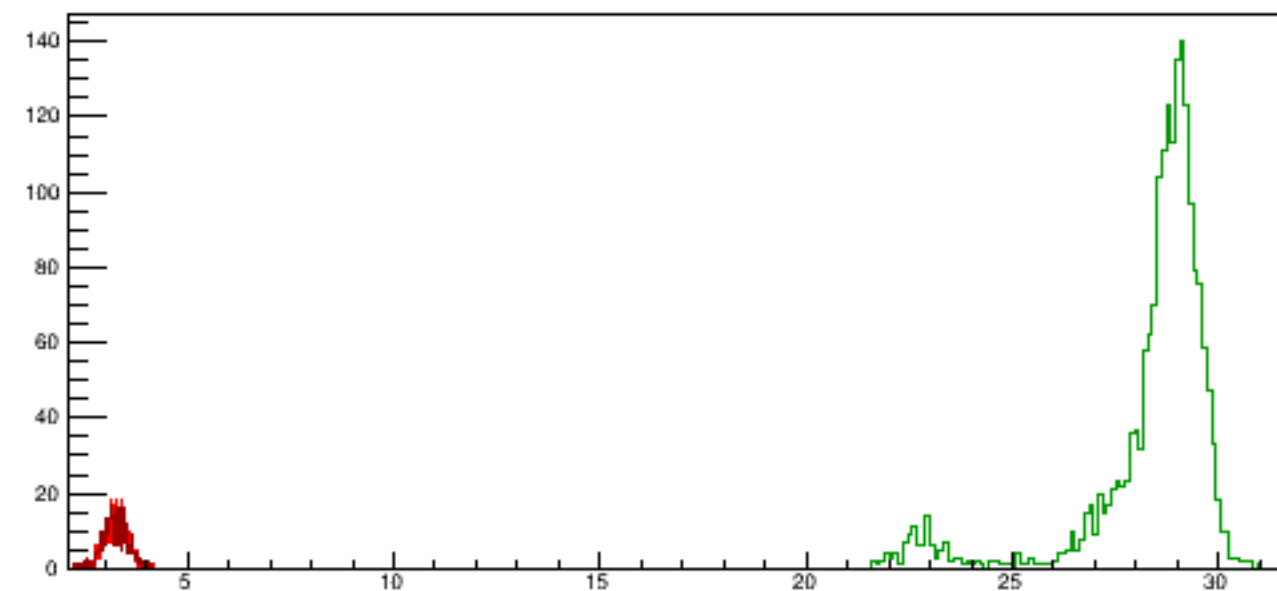
Run 5680 quartetwise, Diffs



Cycle 38, Sums

Entries: 440	Entries: 1932	Entries: 434
Mean: 3.2641 +/- 0.0129	Mean: 28.3943 +/- 0.0361	Mean: 3.2454 +/- 0.0149
Std Dev: 0.2699 +/- 0.0091	Std Dev: 1.5849 +/- 0.0255	Std Dev: 0.3110 +/- 0.0106

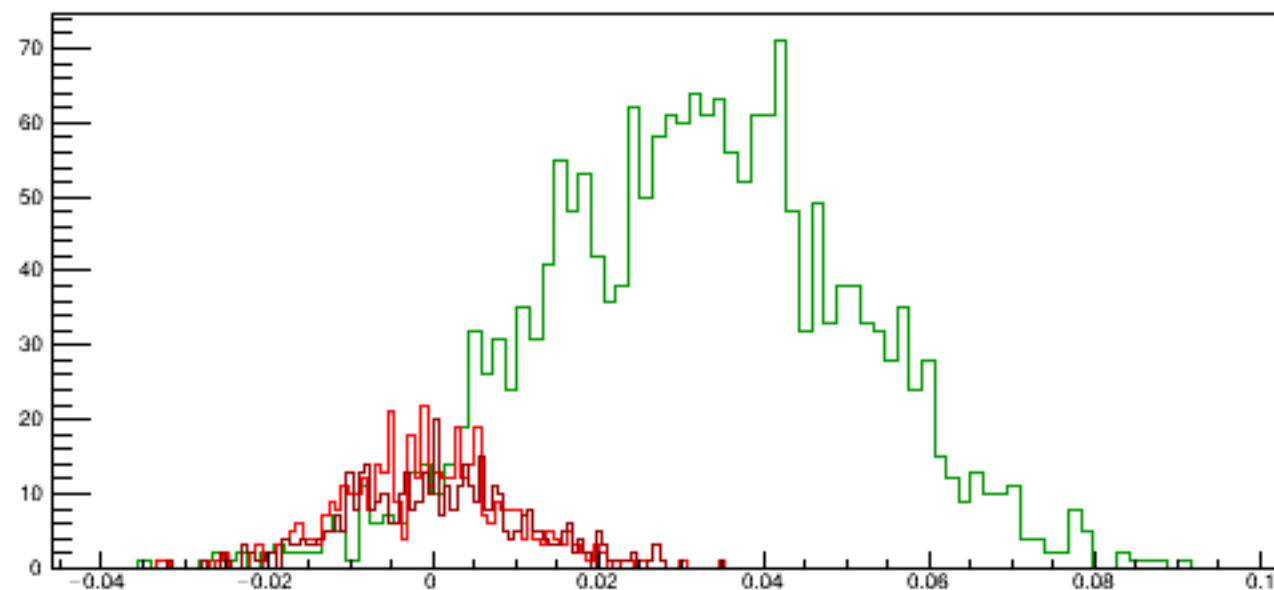
Run 5680 quartetwise, Sums



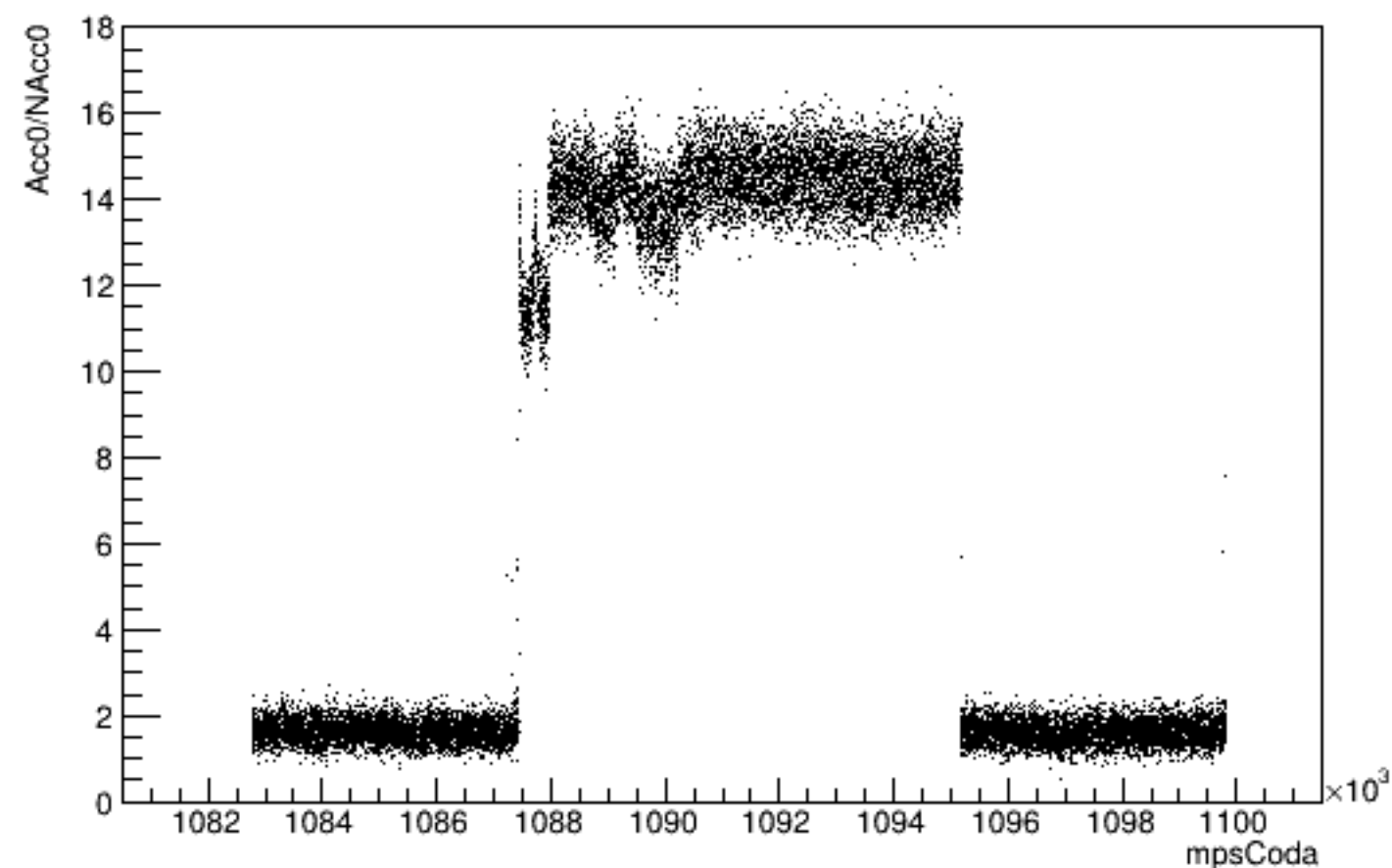
Cycle 38, Asyms

Entries: 440	Entries: 1932	Entries: 434
Mean: -0.0009 +/- 0.0005	Mean: 0.0318 +/- 0.0004	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0100 +/- 0.0003	Std Dev: 0.0189 +/- 0.0003	Std Dev: 0.0106 +/- 0.0004

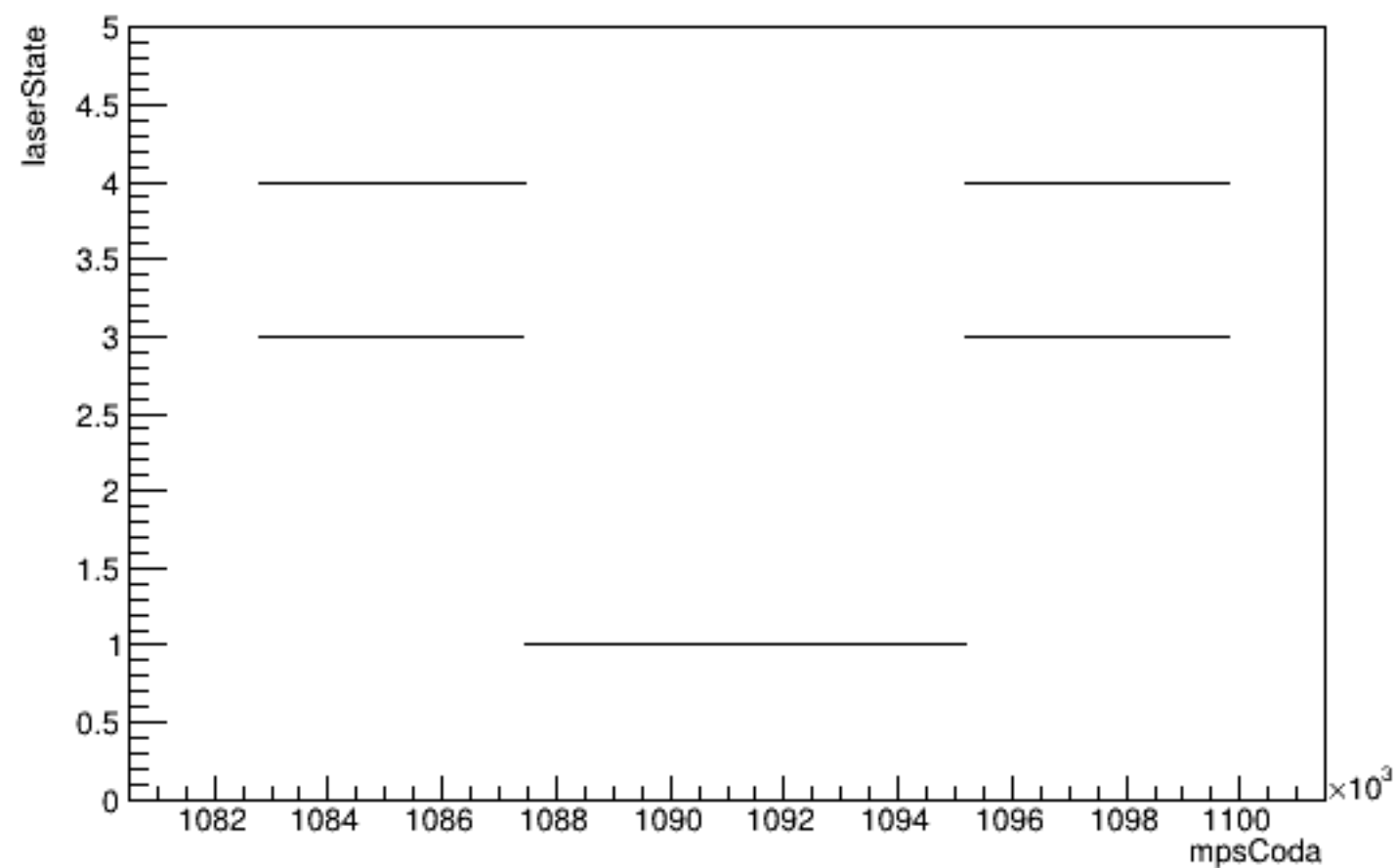
Run 5680 quartetwise, Asyms



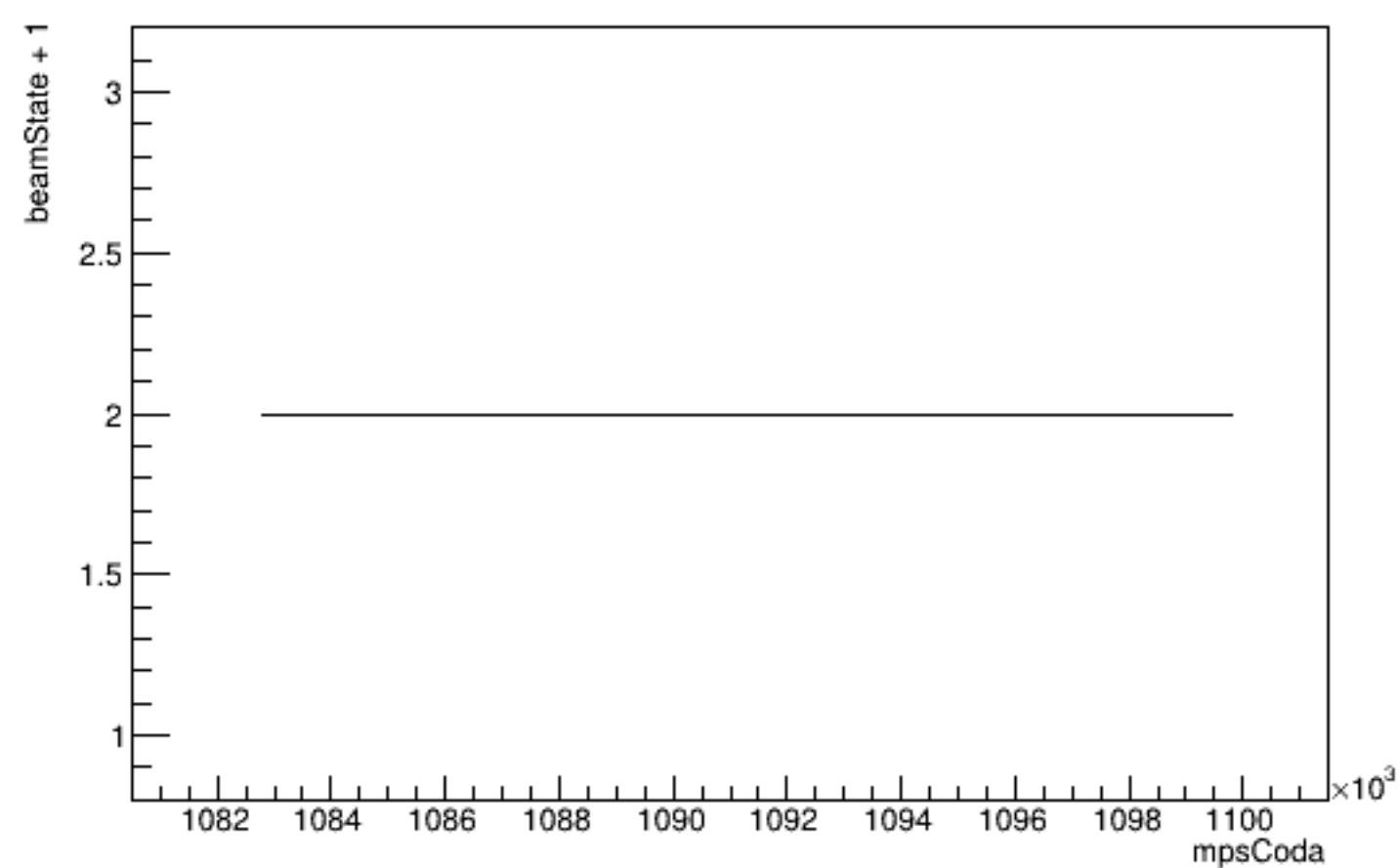
Acc0/NAcc0:mpsCoda (mpsCoda>=1082777 && mpsCoda<=1099816 && beamState==1)



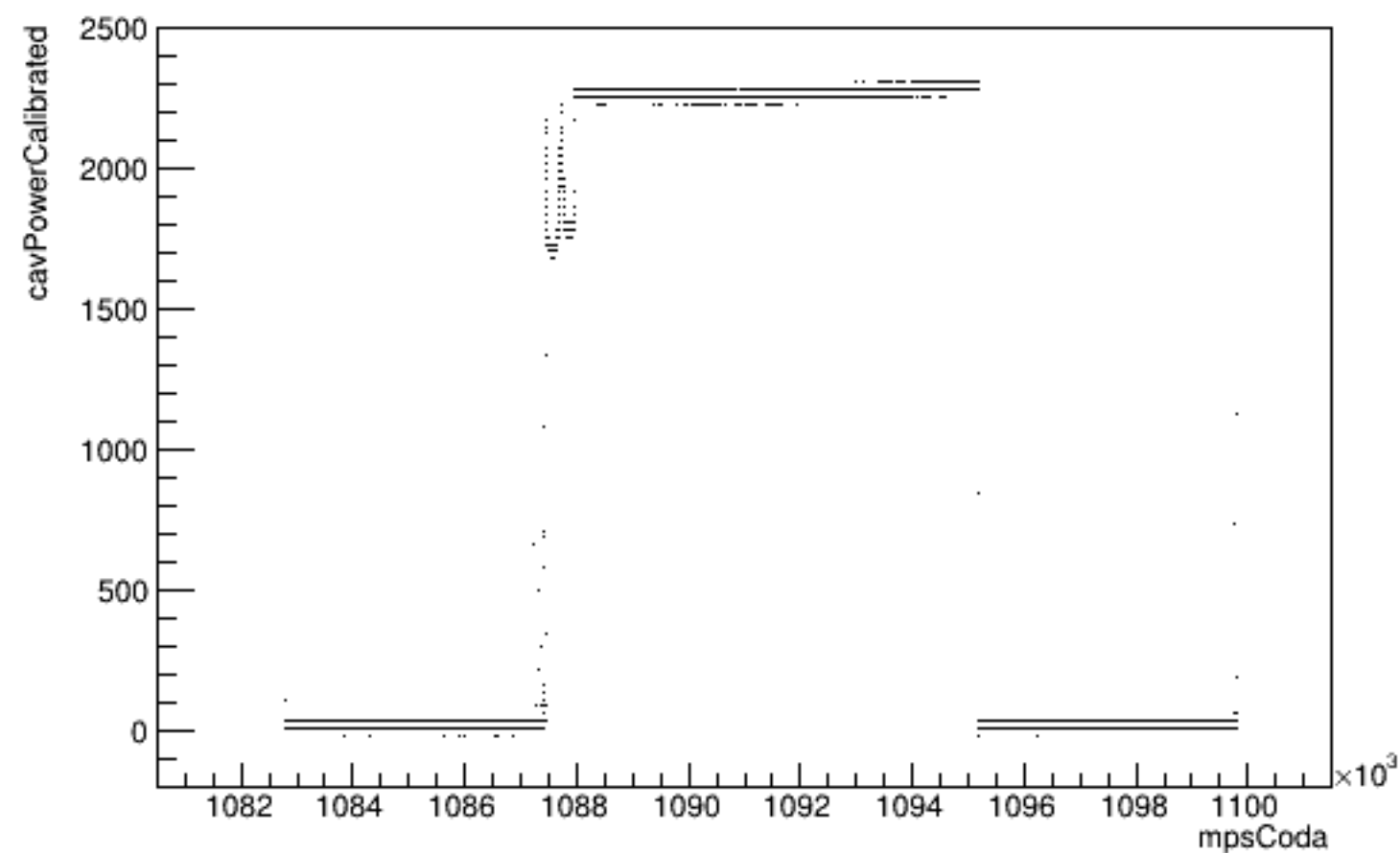
laserState:mpsCoda {mpsCoda>=1082777 && mpsCoda<=1099816}



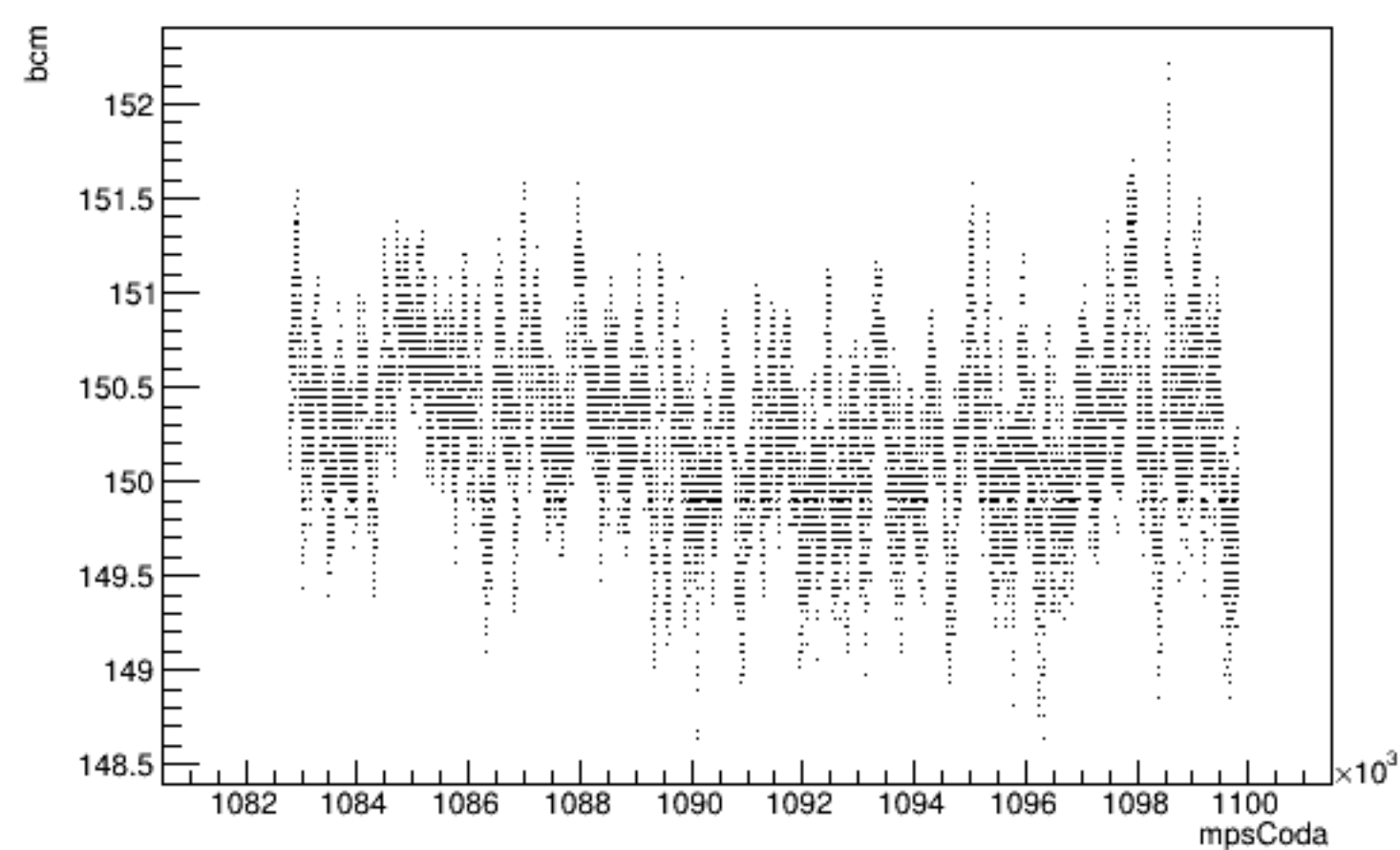
beamState + 1:mpsCoda {mpsCoda>=1082777 && mpsCoda<=1099816}



cavPowerCalibrated:mpsCoda {mpsCoda>=1082777 && mpsCoda<=1099816}



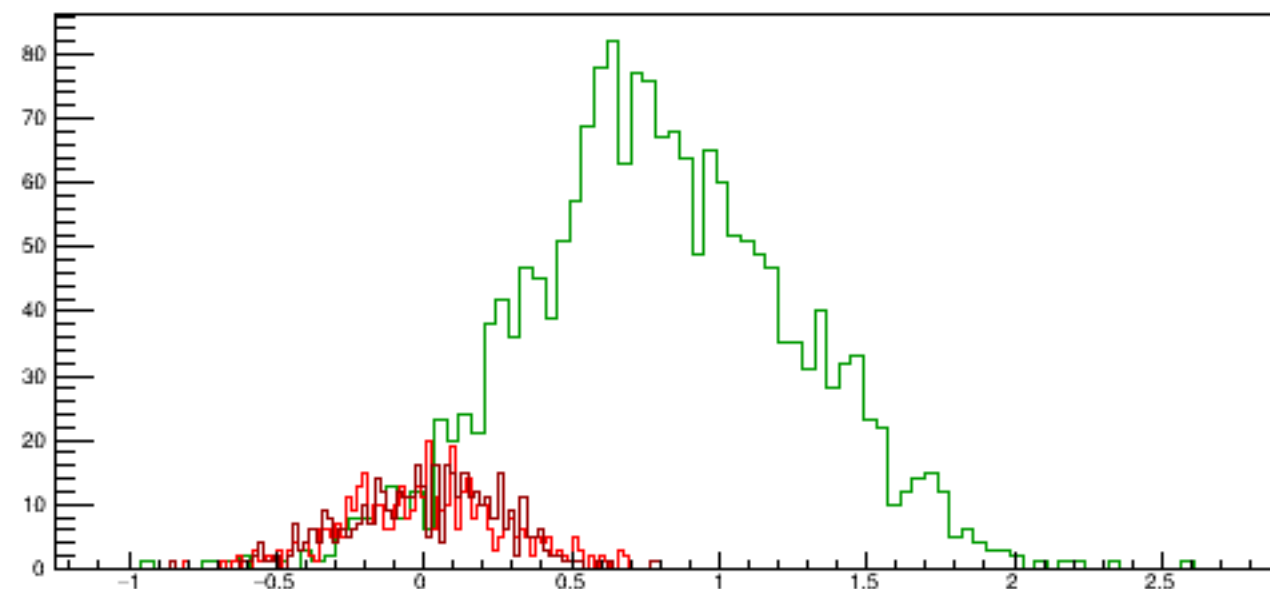
bcm:mpsCoda {mpsCoda>=1082777 && mpsCoda<=1099816}



Cycle 39, Diffs

Entries: 434	Entries: 1914	Entries: 415
Mean: 0.0058 +/- 0.0128	Mean: 0.7975 +/- 0.0106	Mean: 0.0039 +/- 0.0125
Std Dev: 0.2665 +/- 0.0090	Std Dev: 0.4629 +/- 0.0075	Std Dev: 0.2546 +/- 0.0088

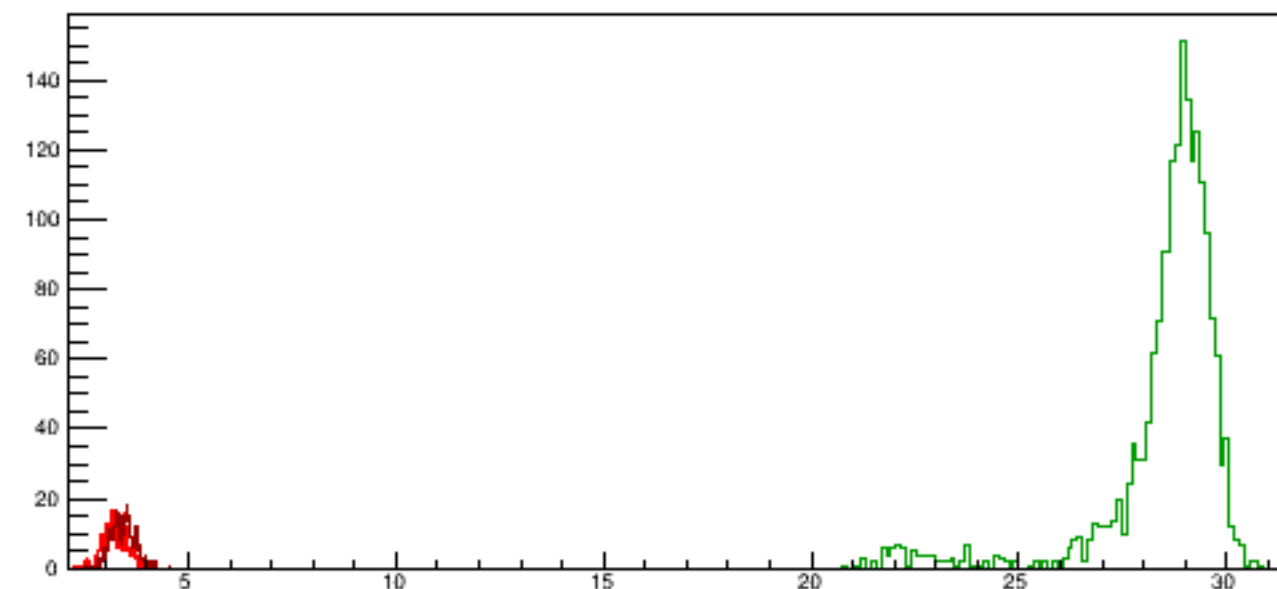
Run 5680 quartetwise, Diffs



Cycle 39, Sums

Entries: 434	Entries: 1914	Entries: 415
Mean: 3.2454 +/- 0.0149	Mean: 28.5206 +/- 0.0347	Mean: 3.4088 +/- 0.0146
Std Dev: 0.3110 +/- 0.0106	Std Dev: 1.5177 +/- 0.0245	Std Dev: 0.2983 +/- 0.0104

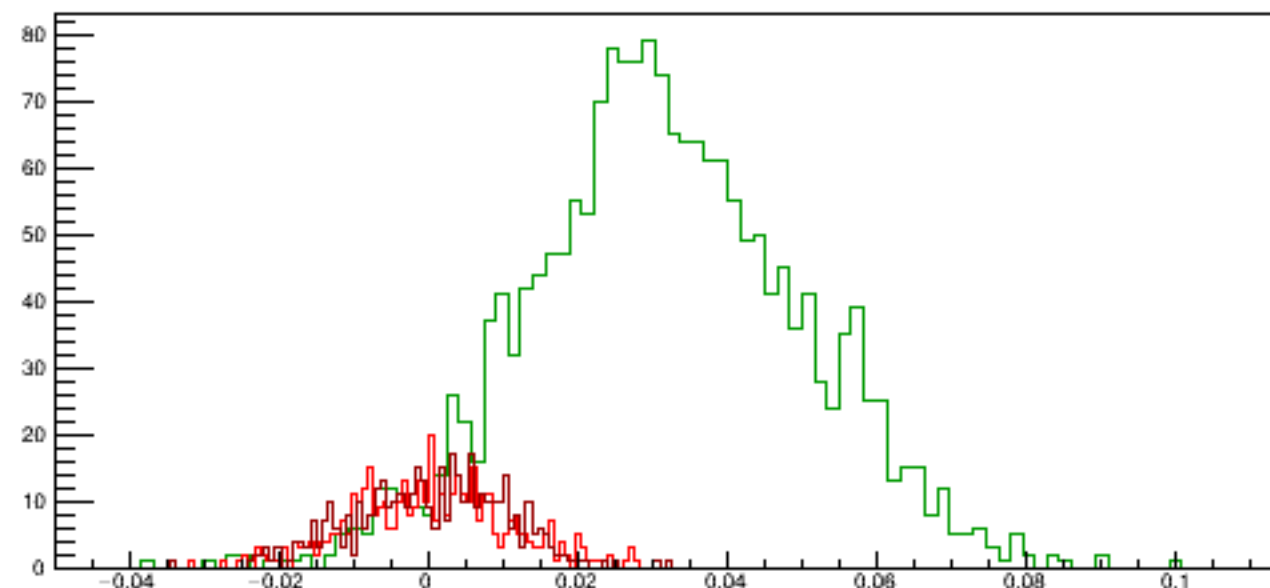
Run 5680 quartetwise, Sums



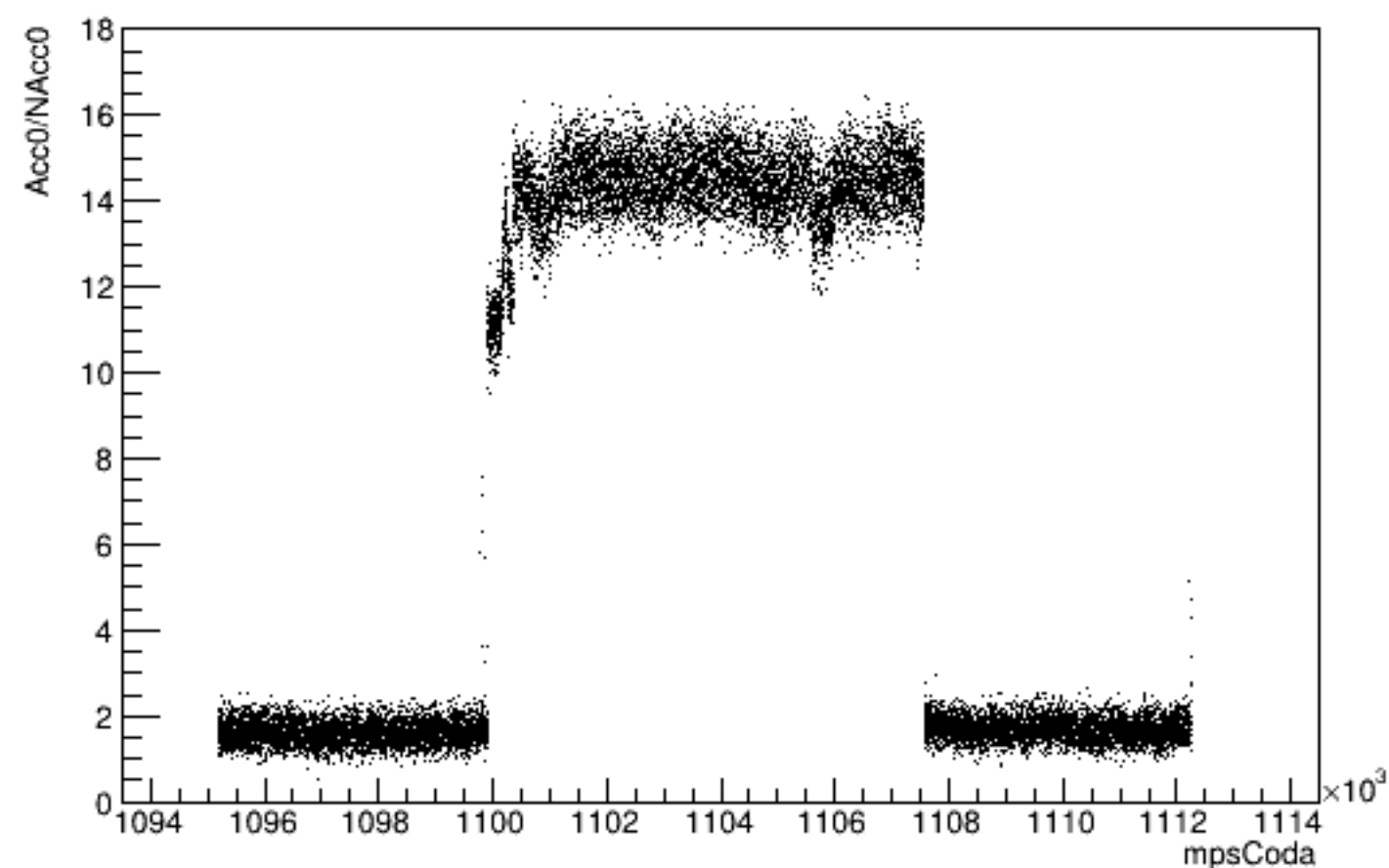
Cycle 39, Asyms

Entries: 434	Entries: 1914	Entries: 415
Mean: 0.0002 +/- 0.0005	Mean: 0.0316 +/- 0.0004	Mean: 0.0002 +/- 0.0005
Std Dev: 0.0106 +/- 0.0004	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0101 +/- 0.0004

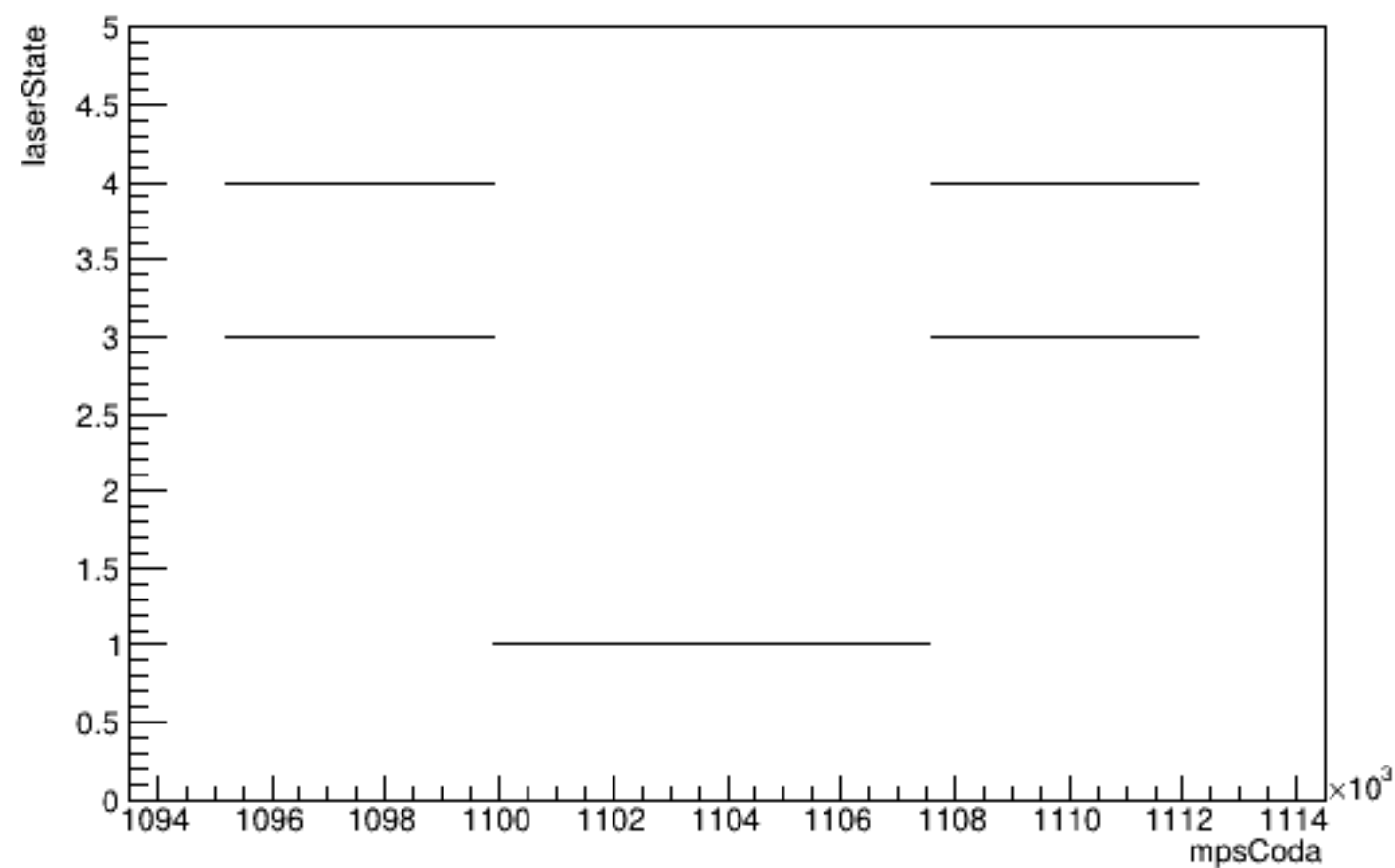
Run 5680 quartetwise, Asyms



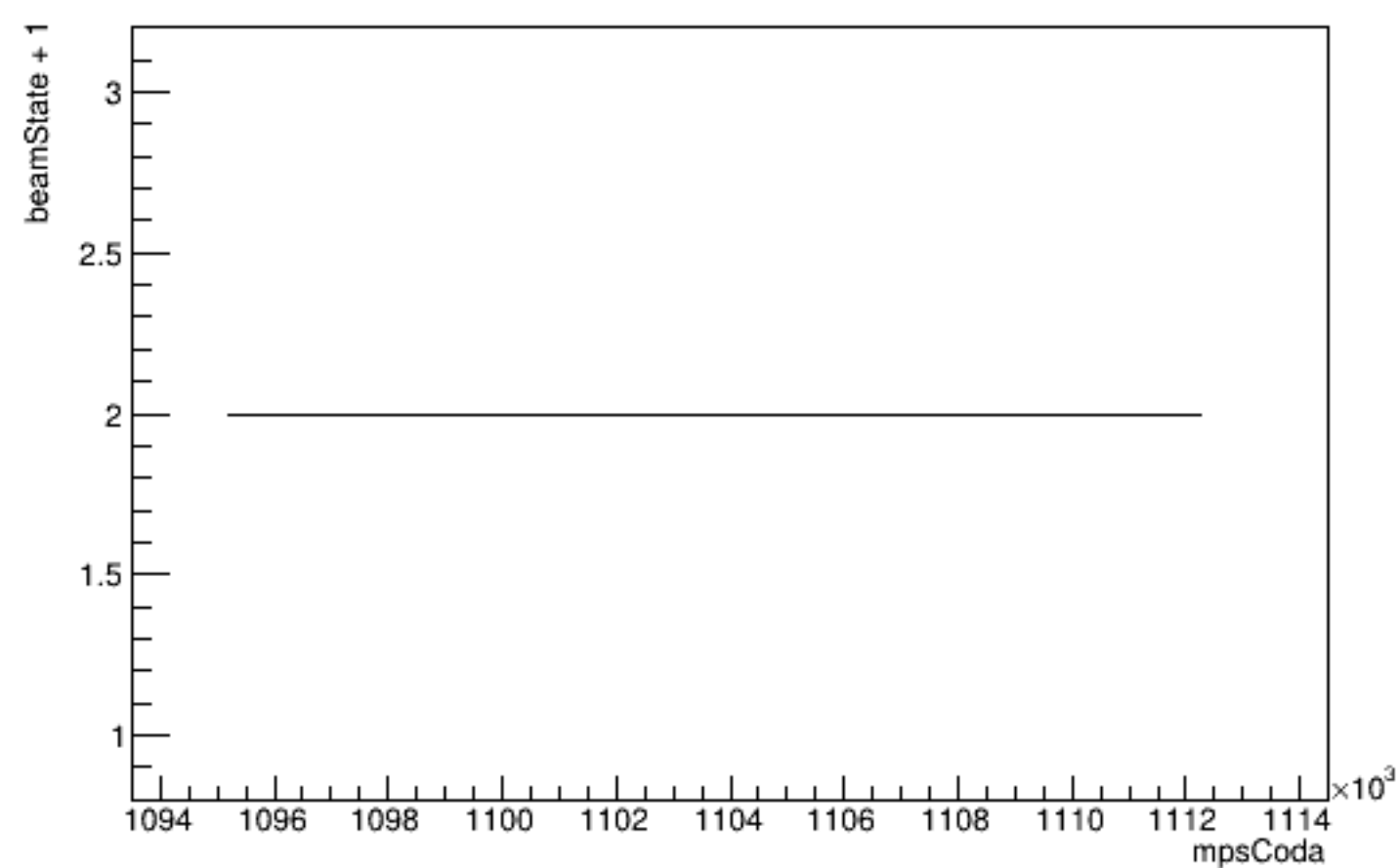
Acc0/NAcc0:mpsCoda (mpsCoda>=1095181 && mpsCoda<=1112248 && beamState==1)



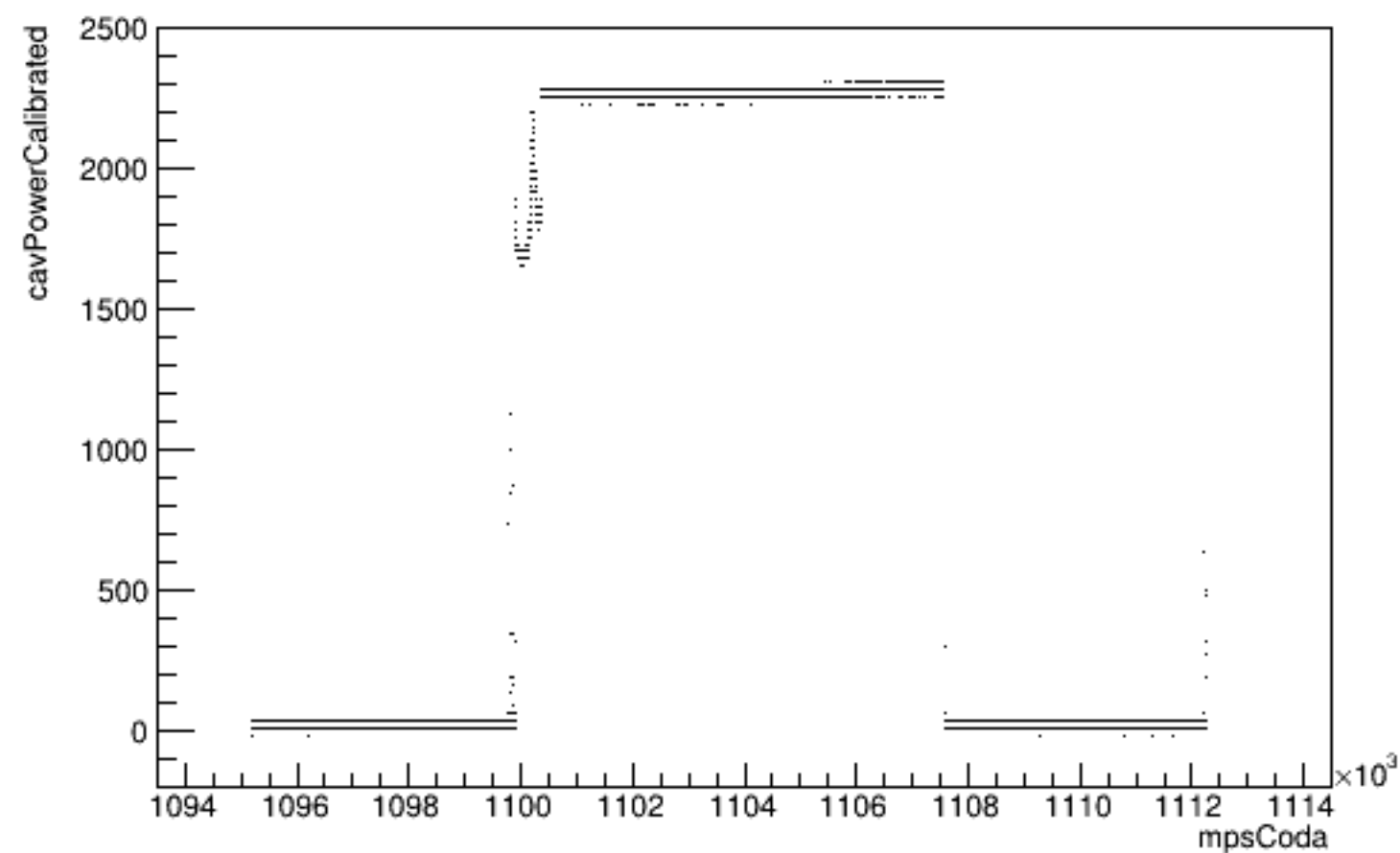
laserState:mpsCoda {mpsCoda>=1095181 && mpsCoda<=1112248}



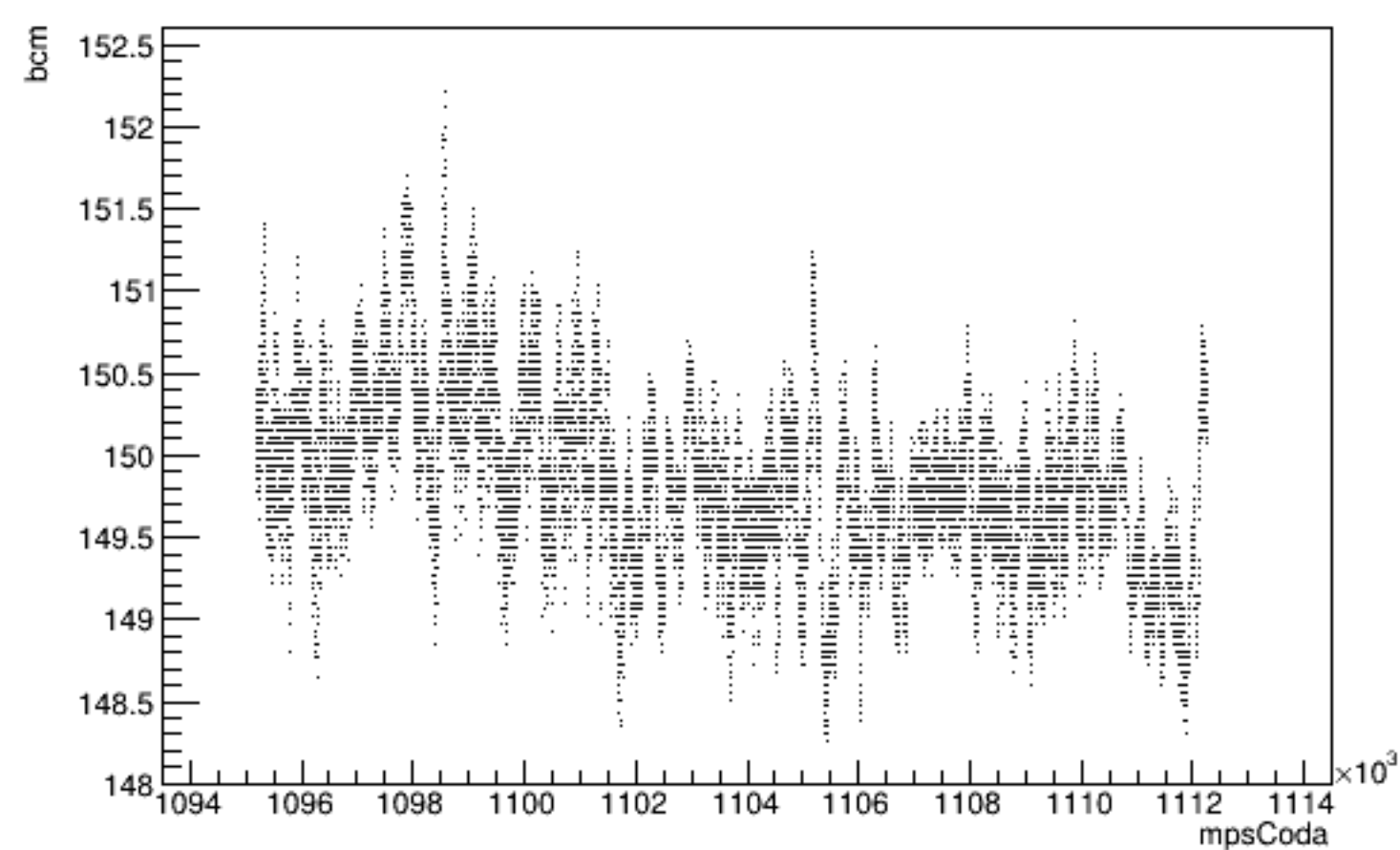
beamState + 1:mpsCoda {mpsCoda>=1095181 && mpsCoda<=1112248}



cavPowerCalibrated:mpsCoda {mpsCoda>=1095181 && mpsCoda<=1112248}



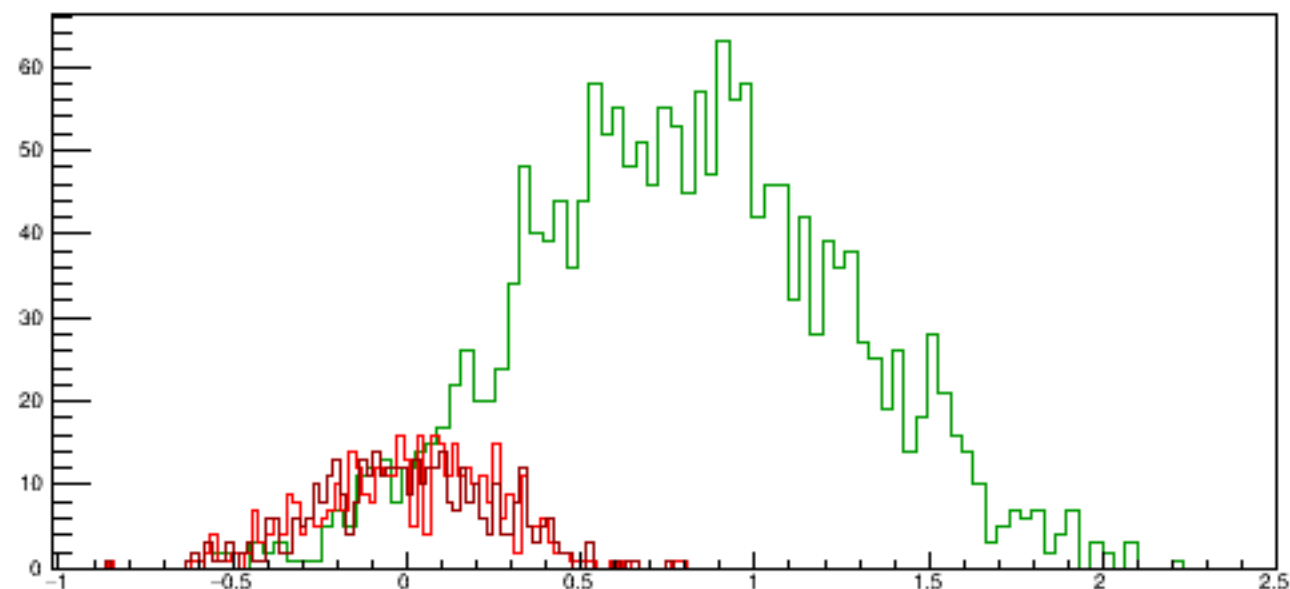
bcm:mpsCoda {mpsCoda>=1095181 && mpsCoda<=1112248}



Cycle 40, Diffs

Entries: 415	Entries: 1894	Entries: 396
Mean: 0.0039 +/- 0.0125	Mean: 0.7927 +/- 0.0106	Mean: -0.0018 +/- 0.0126
Std Dev: 0.2546 +/- 0.0088	Std Dev: 0.4619 +/- 0.0075	Std Dev: 0.2515 +/- 0.0089

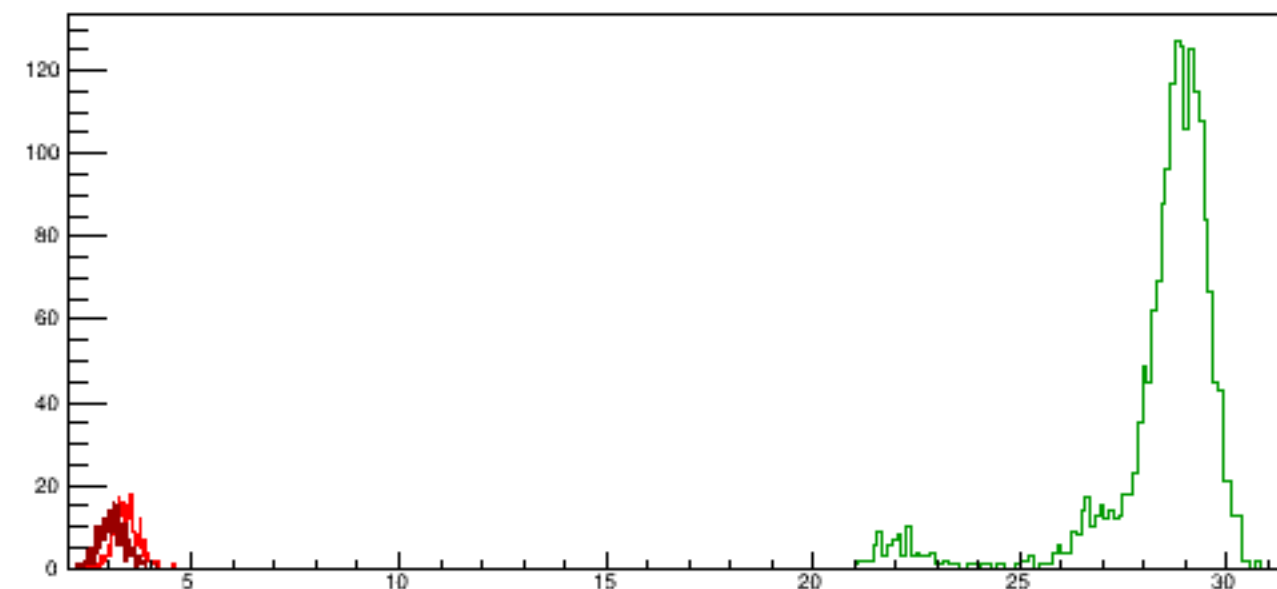
Run 5680 quartetwise, Diffs



Cycle 40, Sums

Entries: 415	Entries: 1894	Entries: 396
Mean: 3.4088 +/- 0.0146	Mean: 28.4172 +/- 0.0370	Mean: 3.0723 +/- 0.0165
Std Dev: 0.2983 +/- 0.0104	Std Dev: 1.6119 +/- 0.0262	Std Dev: 0.3286 +/- 0.0117

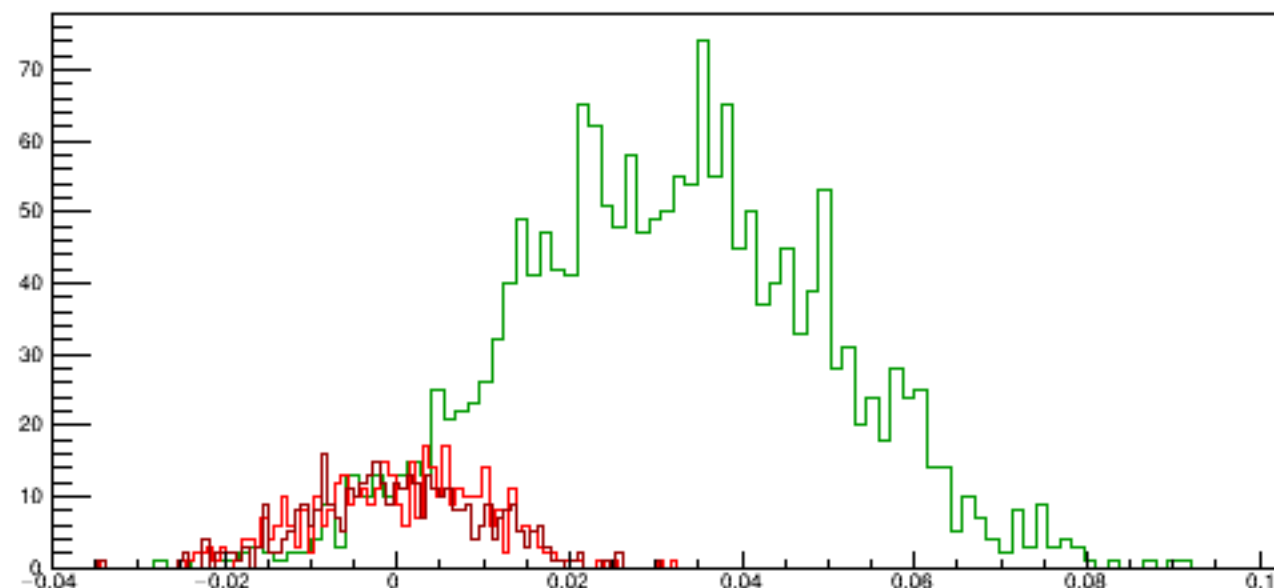
Run 5680 quartetwise, Sums



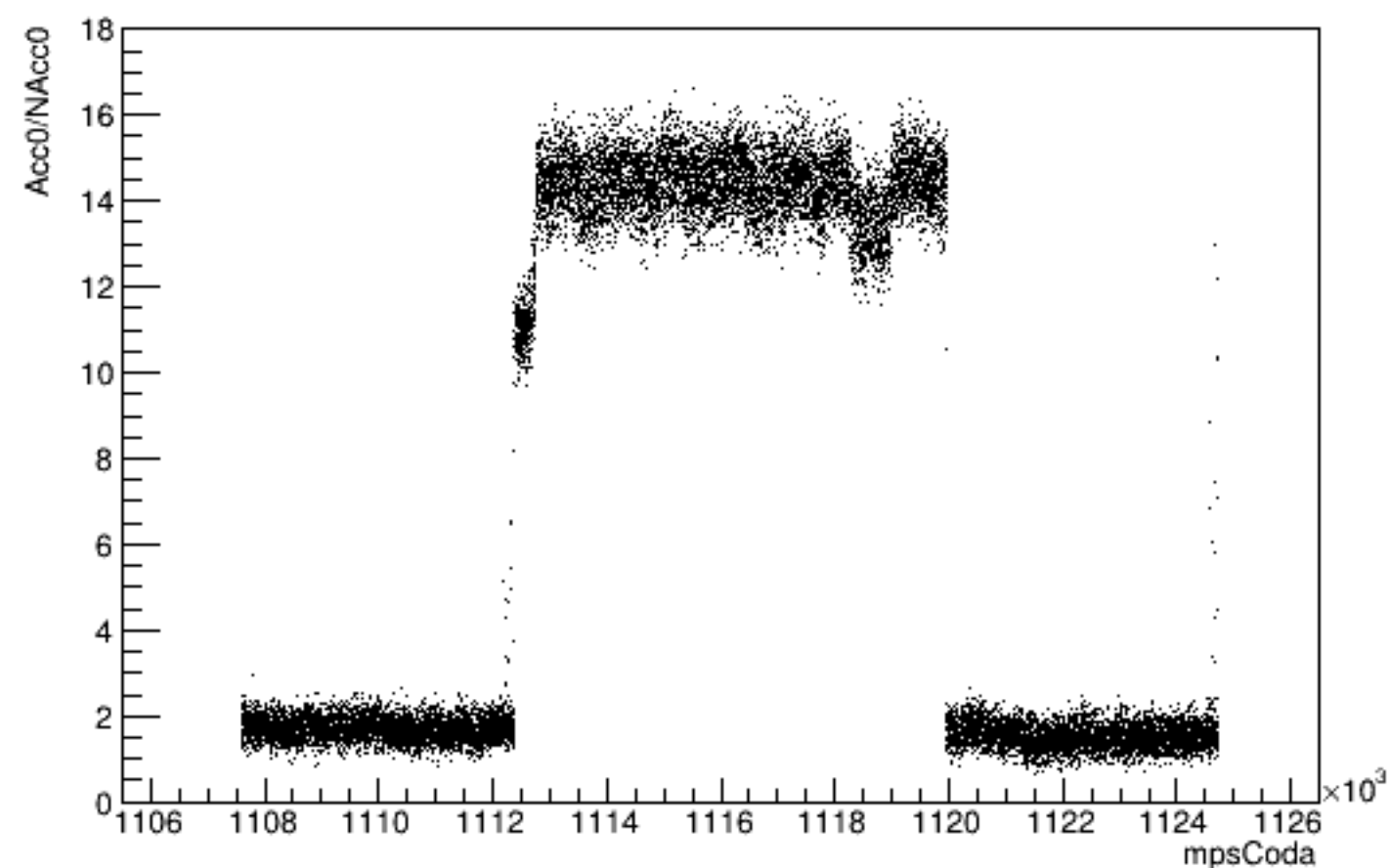
Cycle 40, Asyms

Entries: 415	Entries: 1894	Entries: 396
Mean: 0.0002 +/- 0.0005	Mean: 0.0315 +/- 0.0004	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0101 +/- 0.0004	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0100 +/- 0.0004

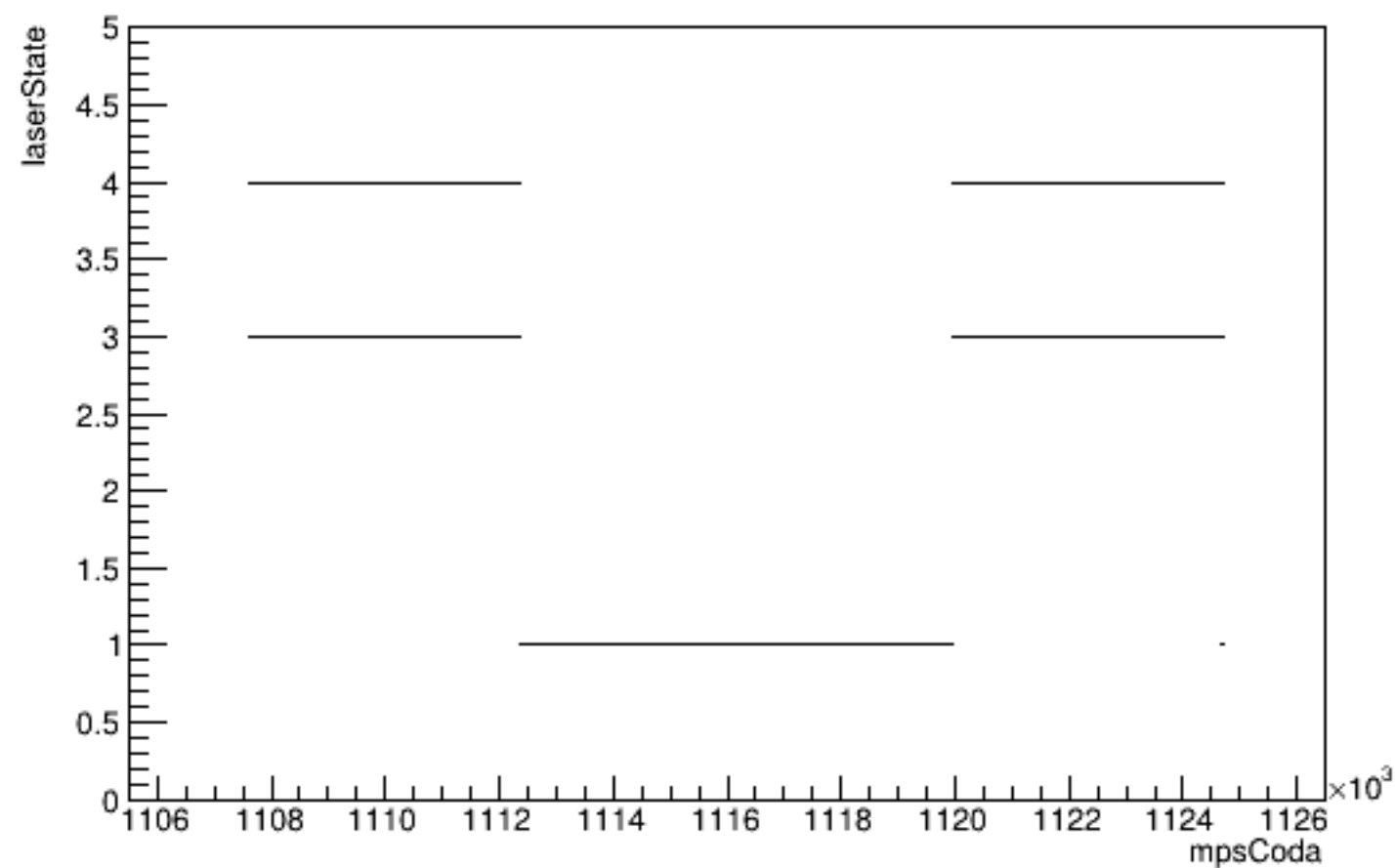
Run 5680 quartetwise, Asyms



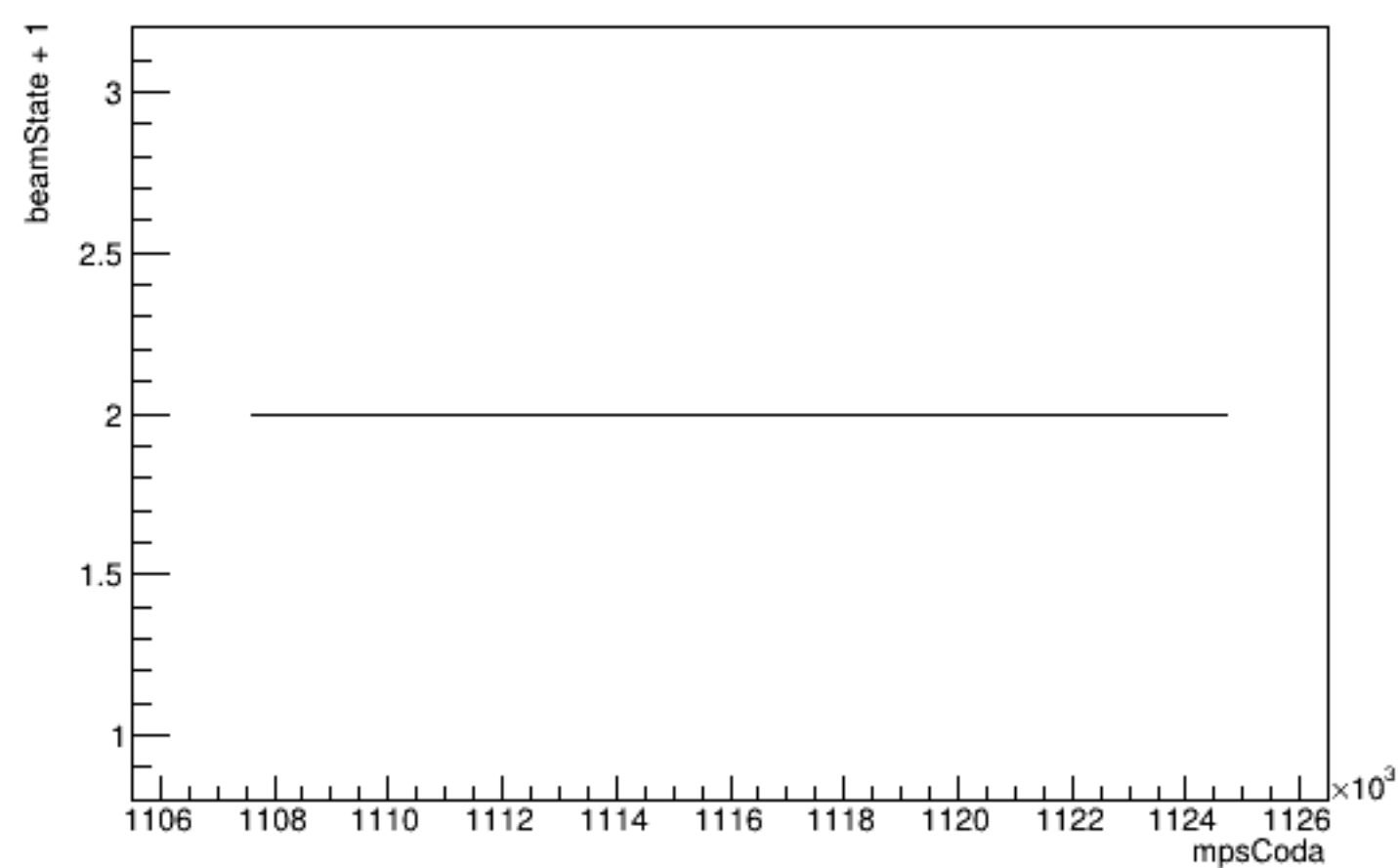
Acc0/NAcc0:mpsCoda (mpsCoda>=1107589 && mpsCoda<=1124724 && beamState==1)



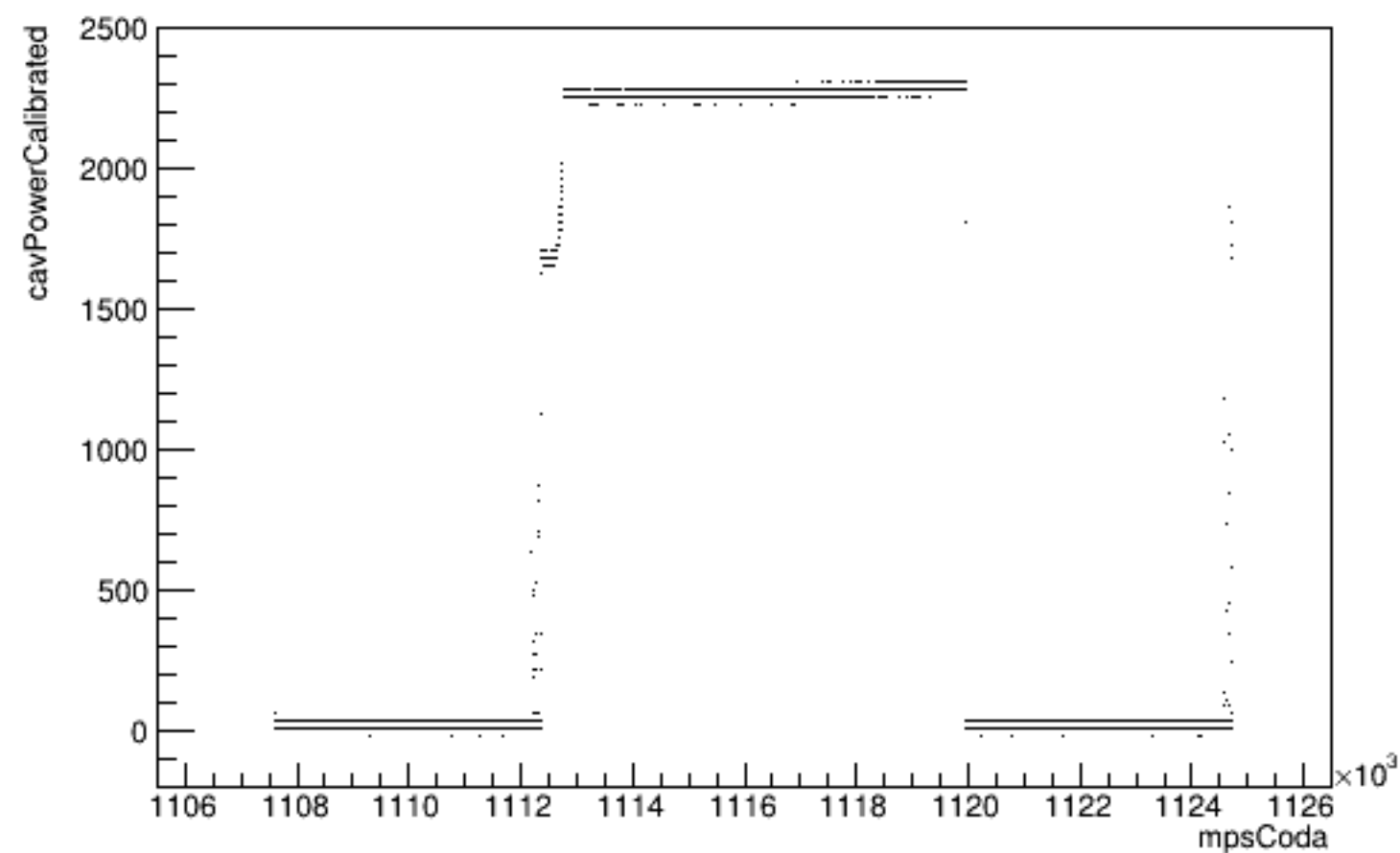
laserState:mpsCoda {mpsCoda>=1107589 && mpsCoda<=1124724}



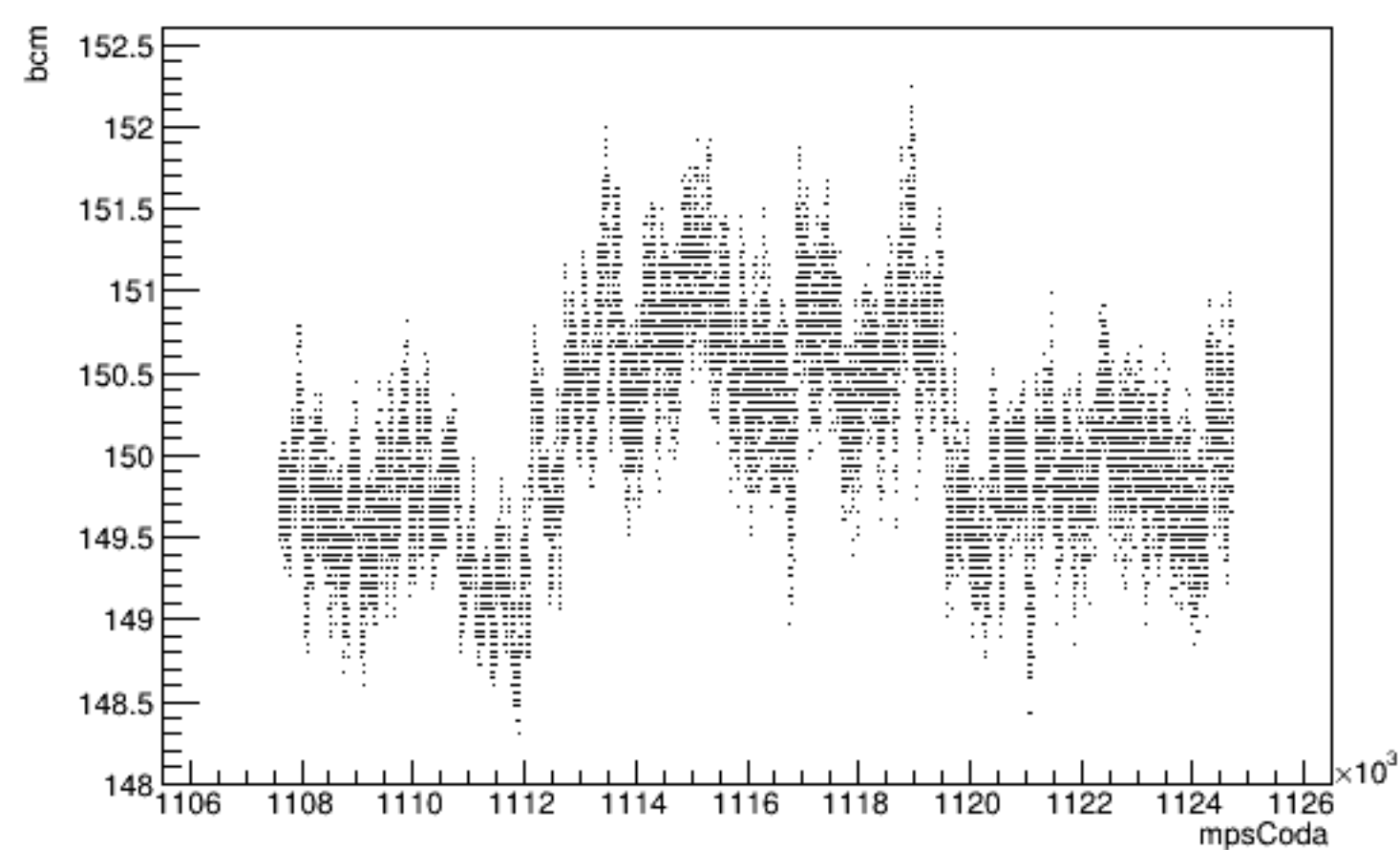
beamState + 1:mpsCoda {mpsCoda>=1107589 && mpsCoda<=1124724}



cavPowerCalibrated:mpsCoda {mpsCoda>=1107589 && mpsCoda<=1124724}



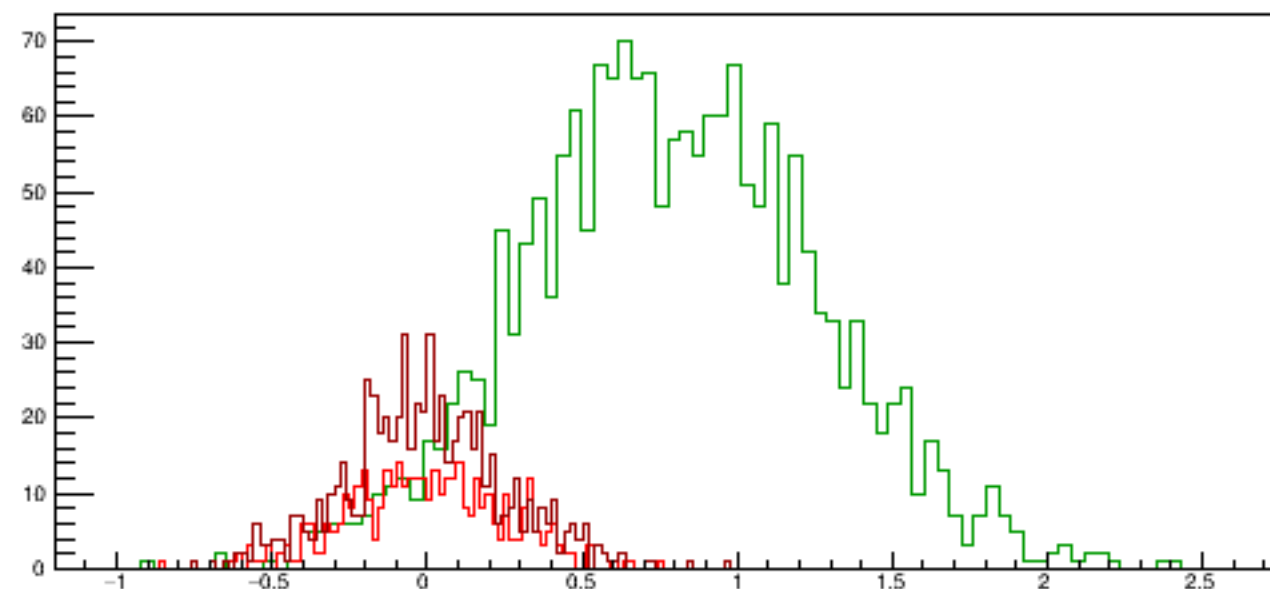
bcm:mpsCoda {mpsCoda>=1107589 && mpsCoda<=1124724}



Cycle 41, Diffs

Entries: 396	Entries: 1908	Entries: 654
Mean: -0.0018 +/- 0.0126	Mean: 0.7857 +/- 0.0108	Mean: -0.0039 +/- 0.0100
Std Dev: 0.2515 +/- 0.0089	Std Dev: 0.4727 +/- 0.0077	Std Dev: 0.2562 +/- 0.0071

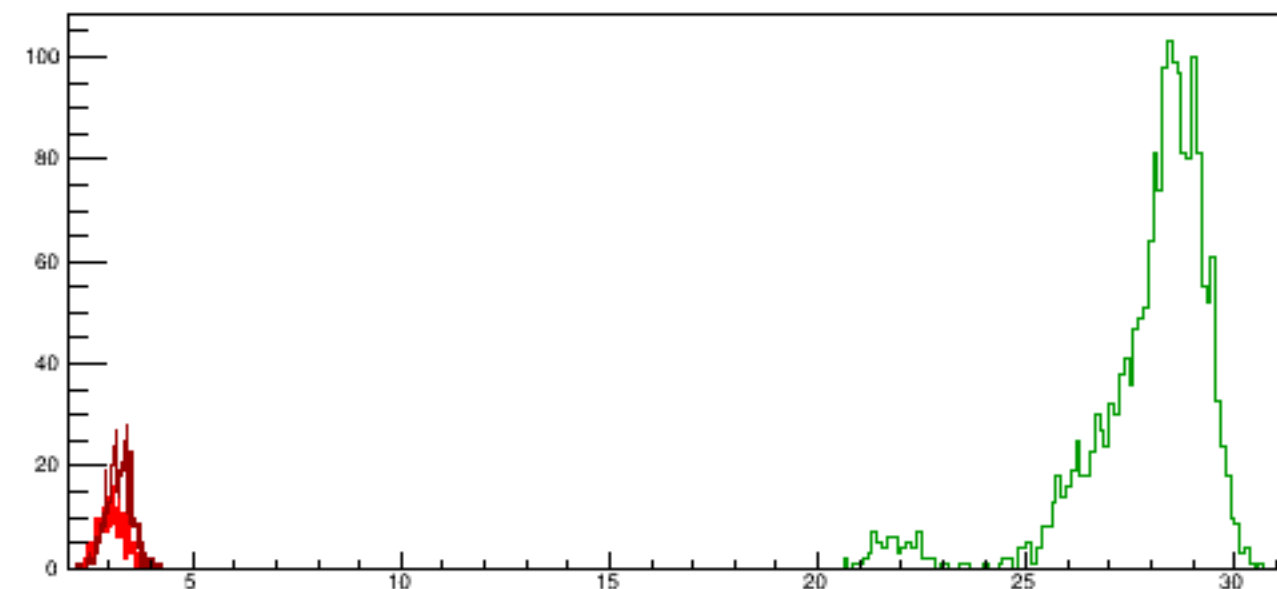
Run 5680 quartetwise, Diffs



Cycle 41, Sums

Entries: 396	Entries: 1908	Entries: 654
Mean: 3.0723 +/- 0.0165	Mean: 27.9300 +/- 0.0364	Mean: 3.2360 +/- 0.0117
Std Dev: 0.3286 +/- 0.0117	Std Dev: 1.5895 +/- 0.0257	Std Dev: 0.3001 +/- 0.0083

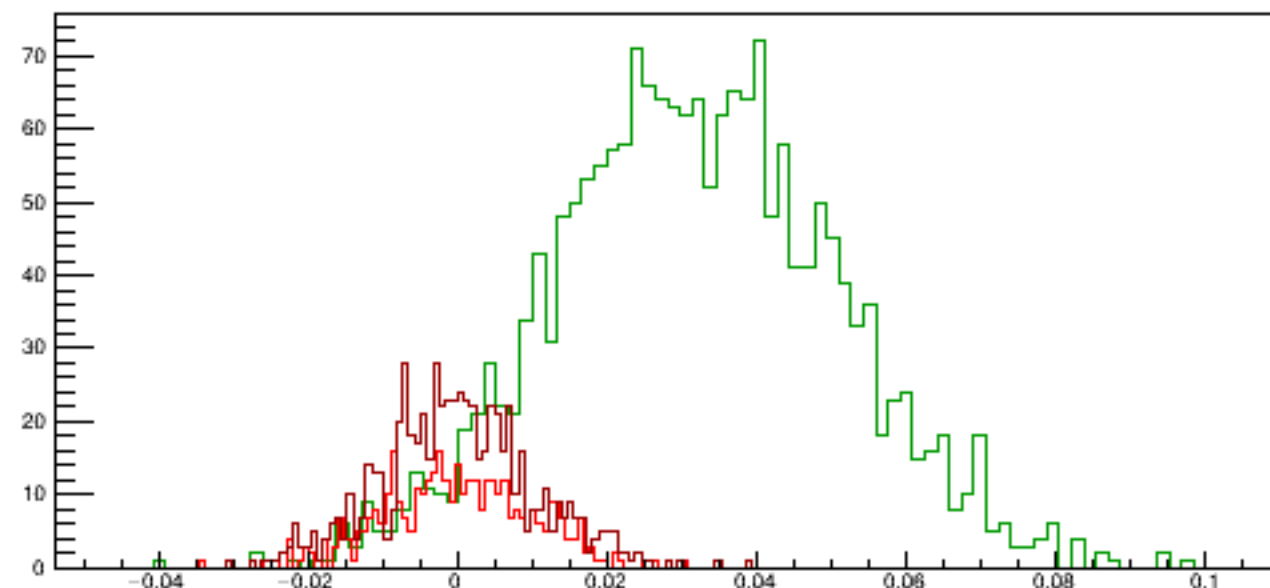
Run 5680 quartetwise, Sums



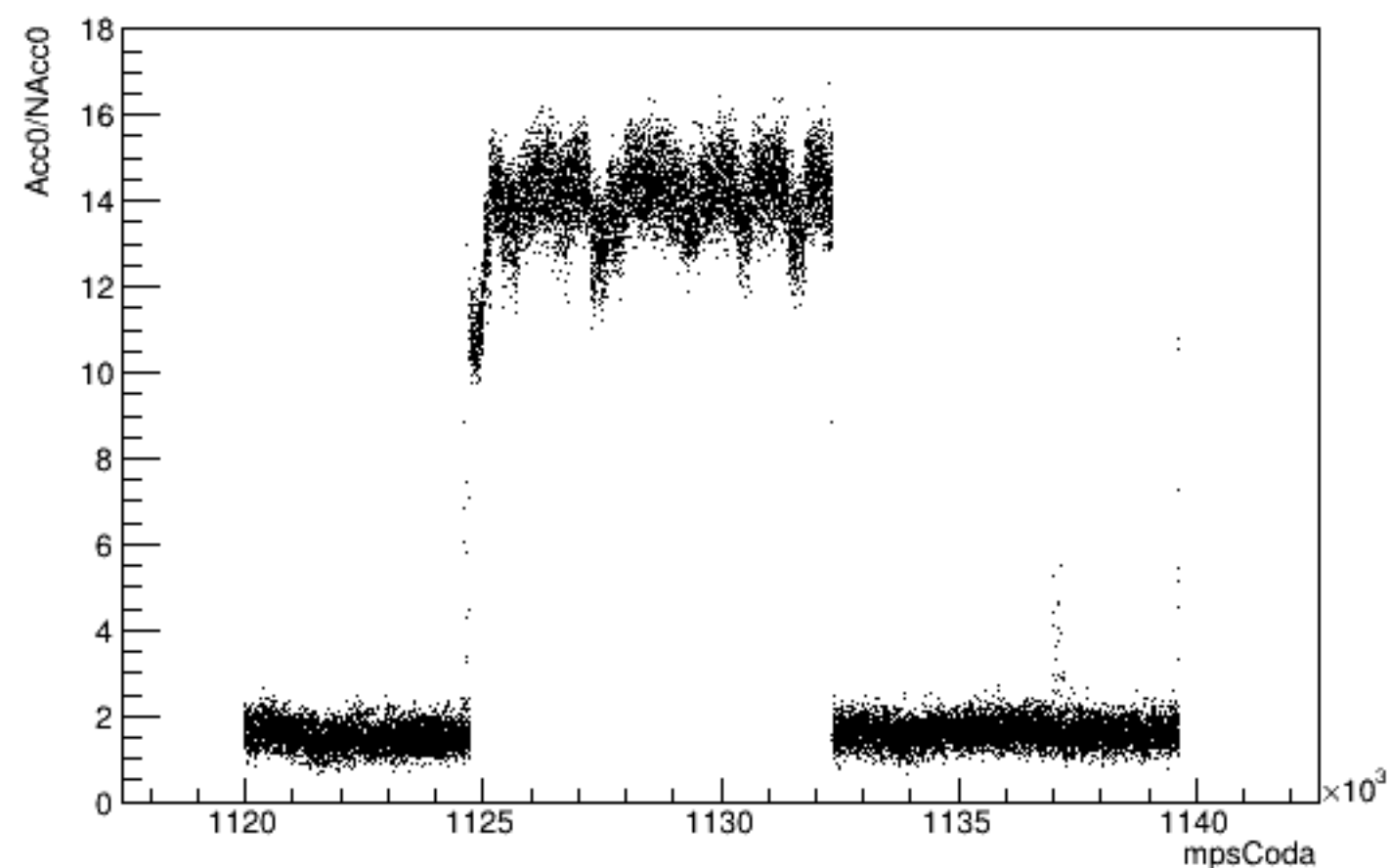
Cycle 41, Asyms

Entries: 396	Entries: 1908	Entries: 654
Mean: -0.0001 +/- 0.0005	Mean: 0.0317 +/- 0.0004	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0102 +/- 0.0004	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0103 +/- 0.0003

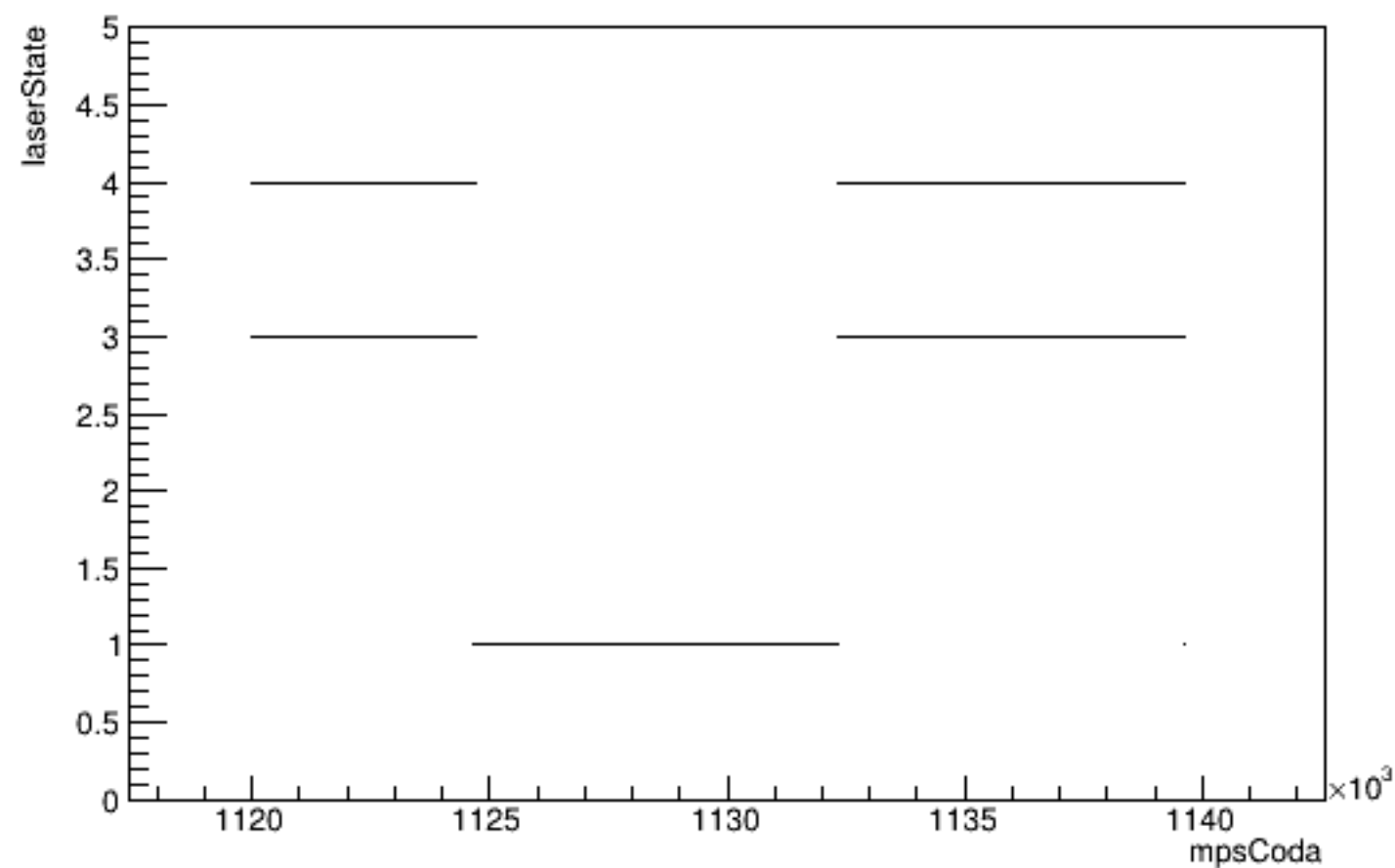
Run 5680 quartetwise, Asyms



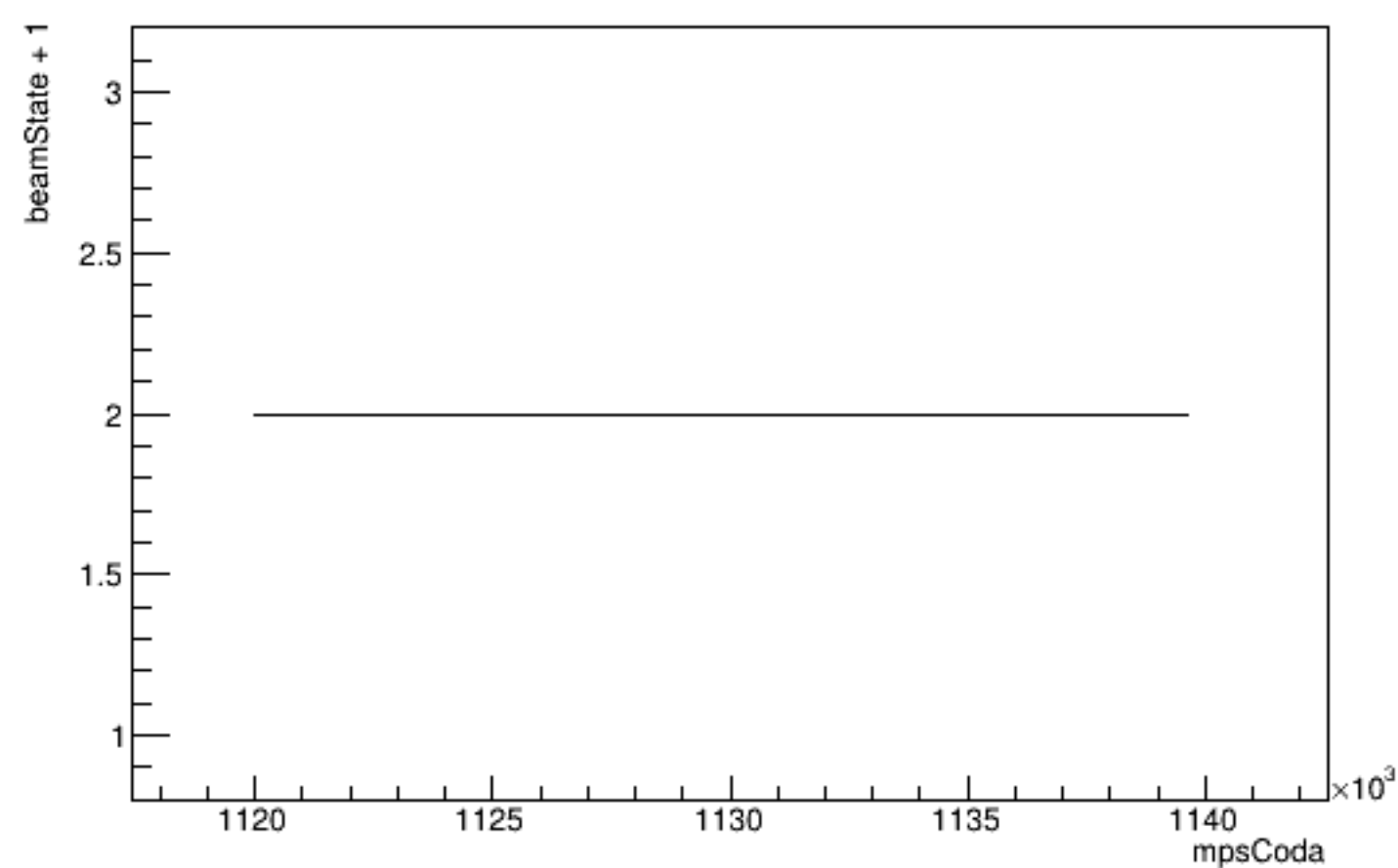
Acc0/NAcc0:mpsCoda (mpsCoda>=1119969 && mpsCoda<=1139652 && beamState==1)



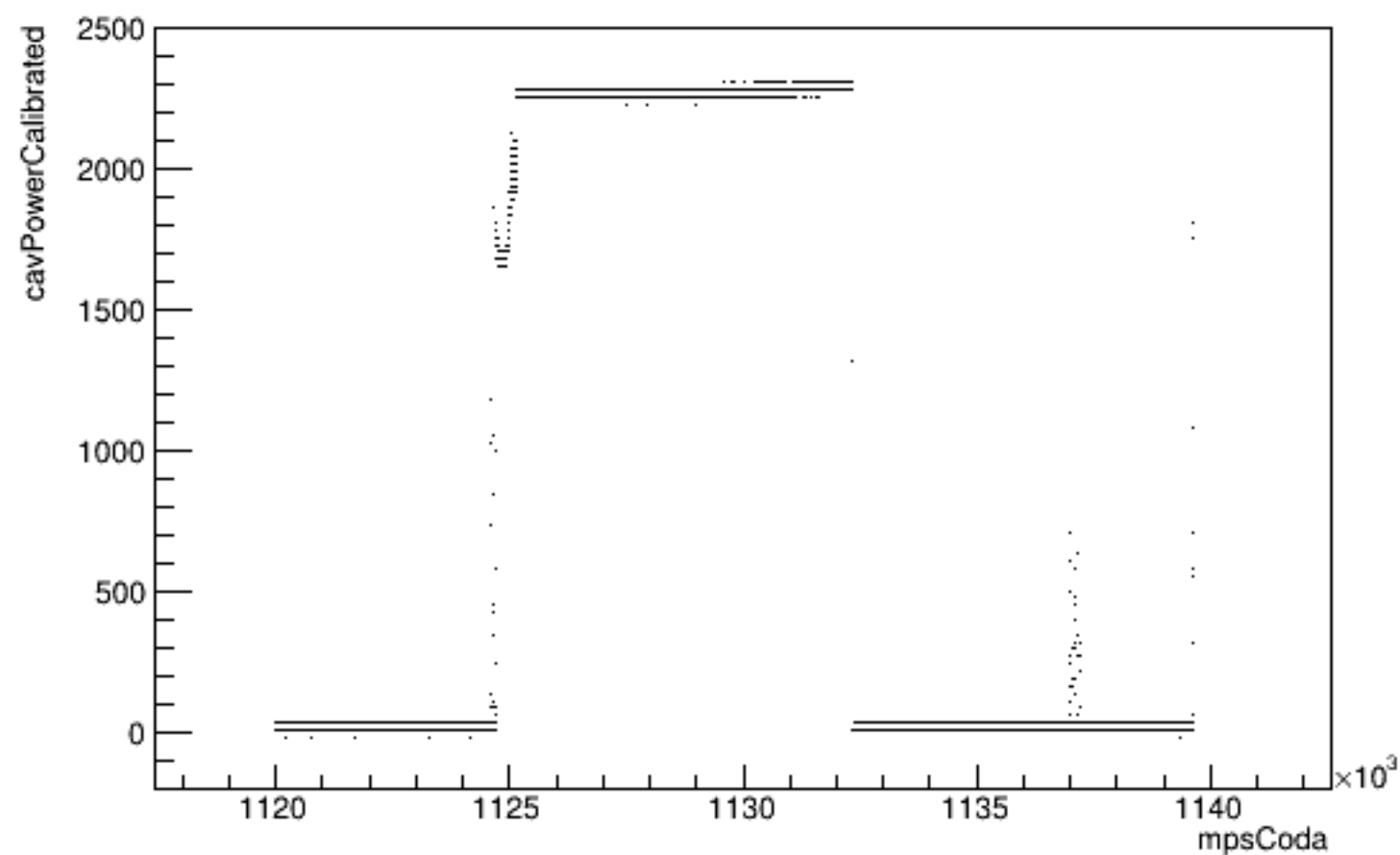
laserState:mpsCoda {mpsCoda>=1119969 && mpsCoda<=1139652}



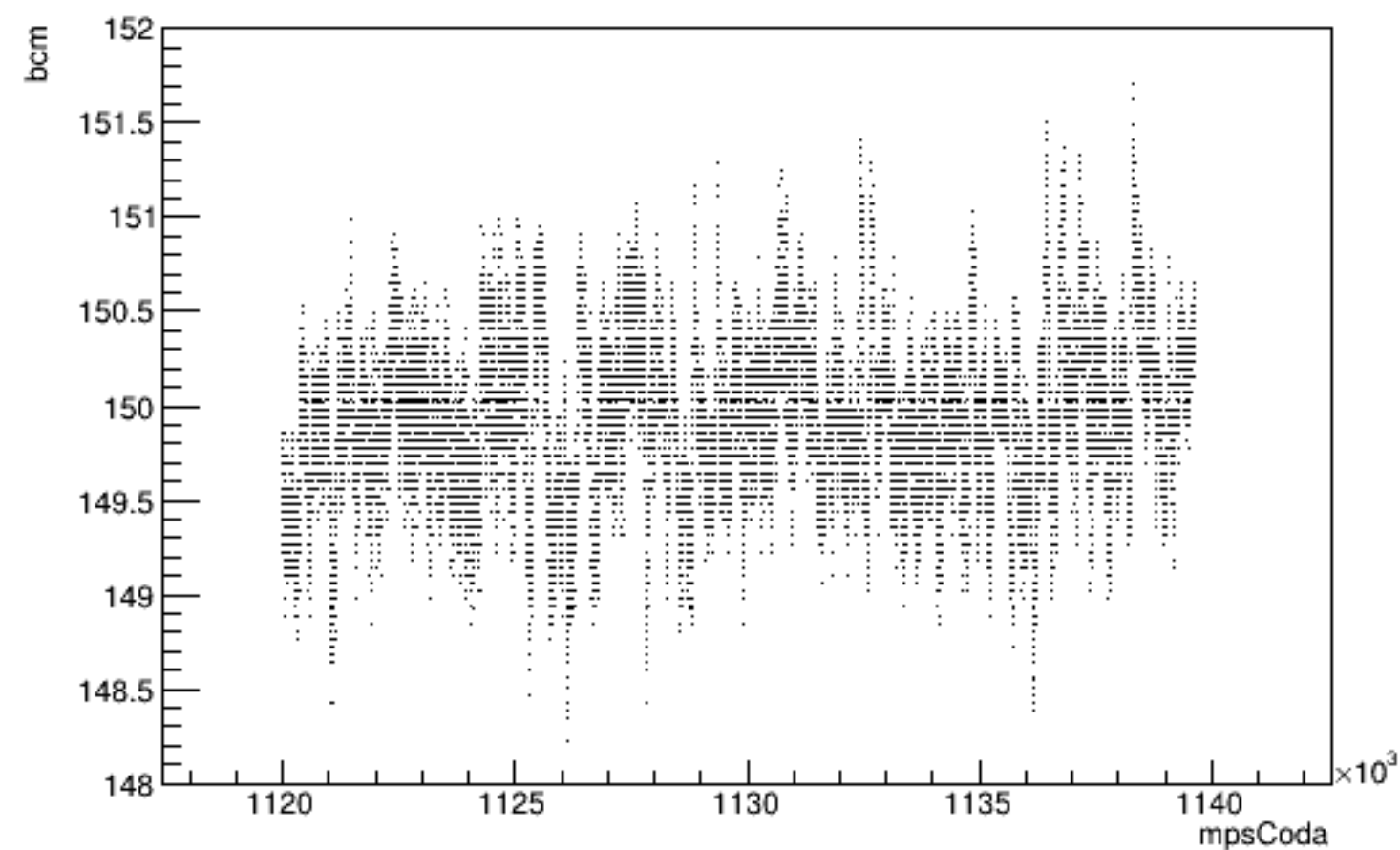
beamState + 1:mpsCoda {mpsCoda>=1119969 && mpsCoda<=1139652}



cavPowerCalibrated:mpsCoda {mpsCoda>=1119969 && mpsCoda<=1139652}



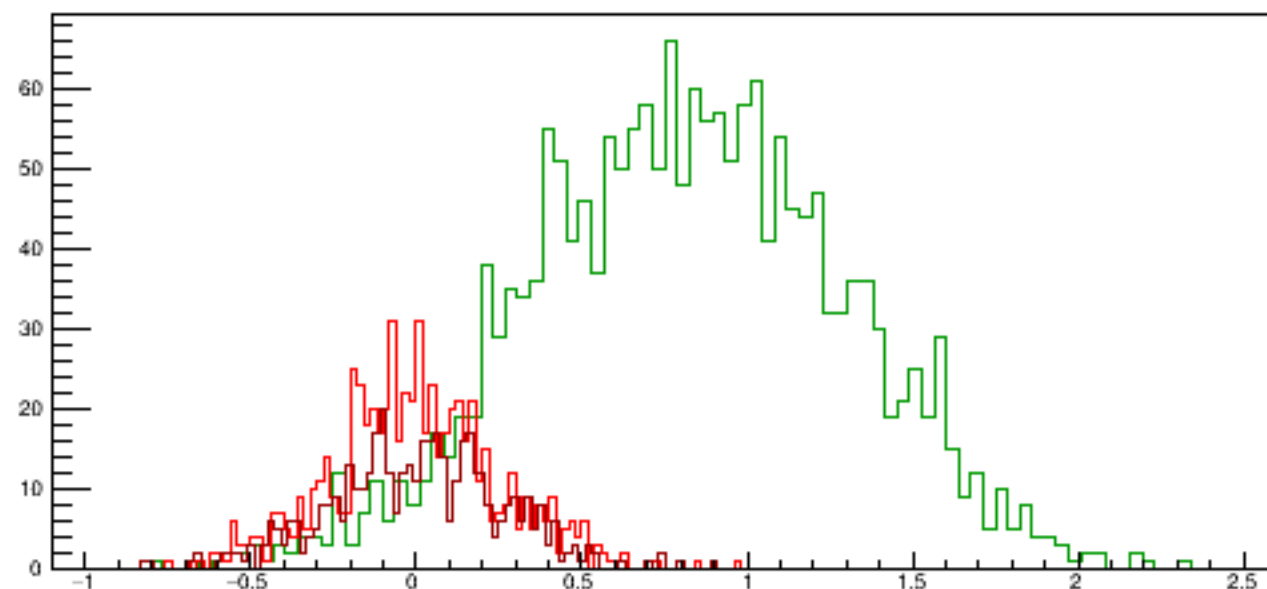
bcm:mpsCoda {mpsCoda>=1119969 && mpsCoda<=1139652}



Cycle 42, Diffs

Entries: 654	Entries: 1885	Entries: 451
Mean: -0.0039 +/- 0.0100	Mean: 0.8152 +/- 0.0110	Mean: 0.0026 +/- 0.0124
Std Dev: 0.2562 +/- 0.0071	Std Dev: 0.4763 +/- 0.0078	Std Dev: 0.2642 +/- 0.0088

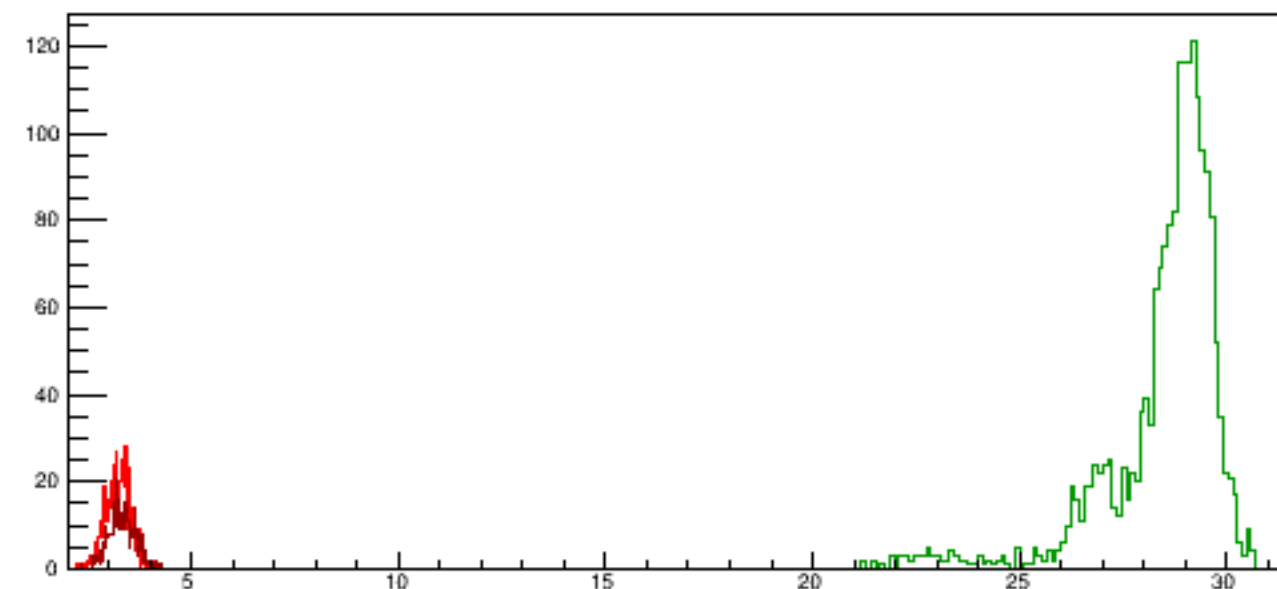
Run 5680 quartetwise, Diffs



Cycle 42, Sums

Entries: 654	Entries: 1885	Entries: 451
Mean: 3.2360 +/- 0.0117	Mean: 28.4674 +/- 0.0331	Mean: 3.3256 +/- 0.0147
Std Dev: 0.3001 +/- 0.0083	Std Dev: 1.4361 +/- 0.0234	Std Dev: 0.3131 +/- 0.0104

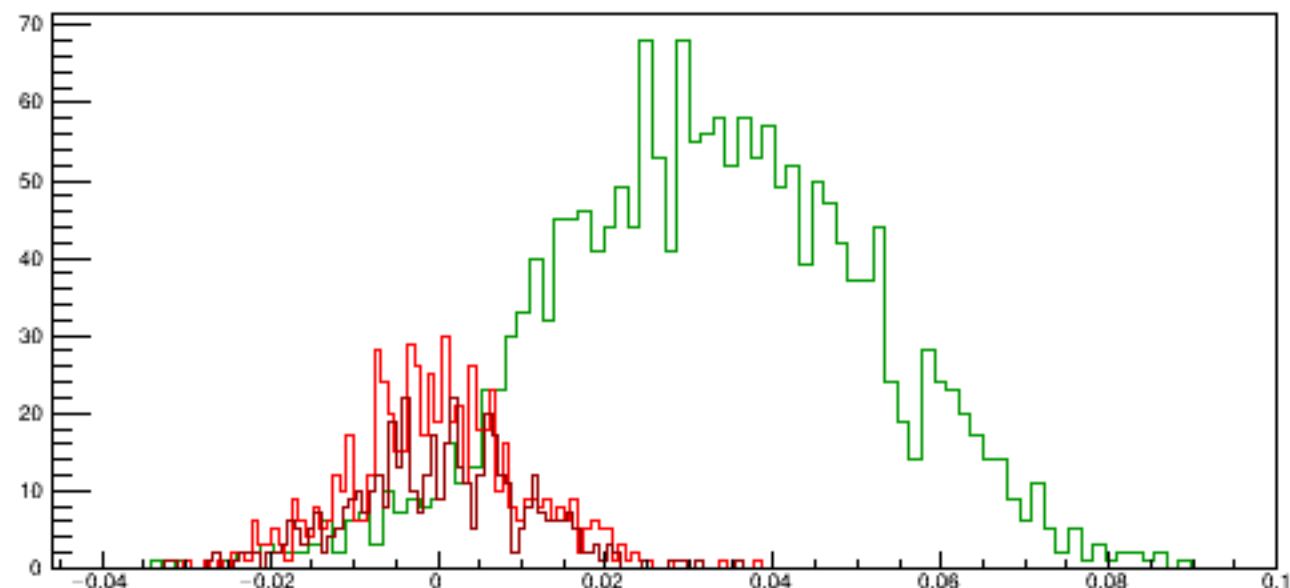
Run 5680 quartetwise, Sums



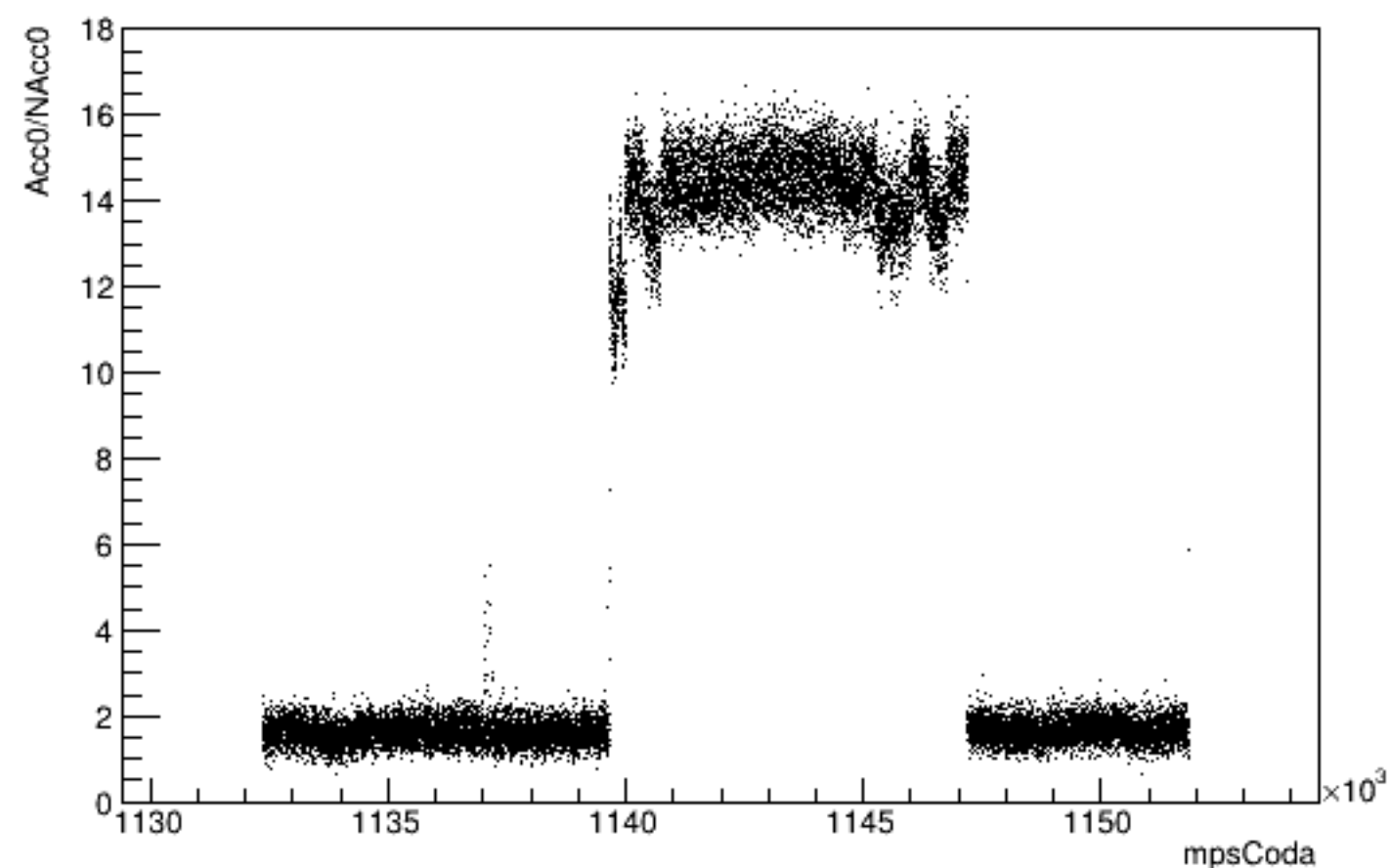
Cycle 42, Asyms

Entries: 654	Entries: 1885	Entries: 451
Mean: -0.0002 +/- 0.0004	Mean: 0.0324 +/- 0.0004	Mean: 0.0001 +/- 0.0005
Std Dev: 0.0102 +/- 0.0003	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0105 +/- 0.0003

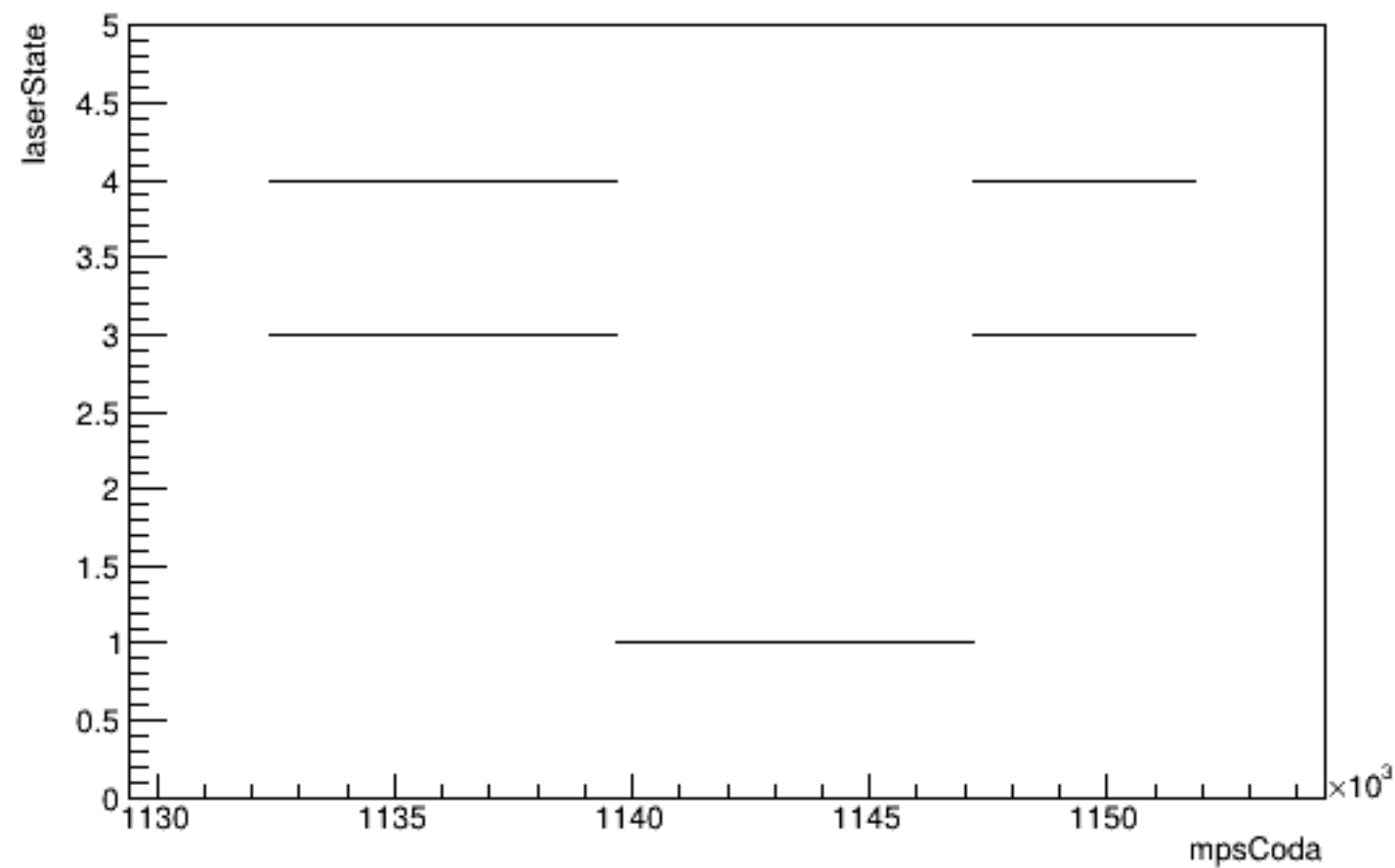
Run 5680 quartetwise, Asyms



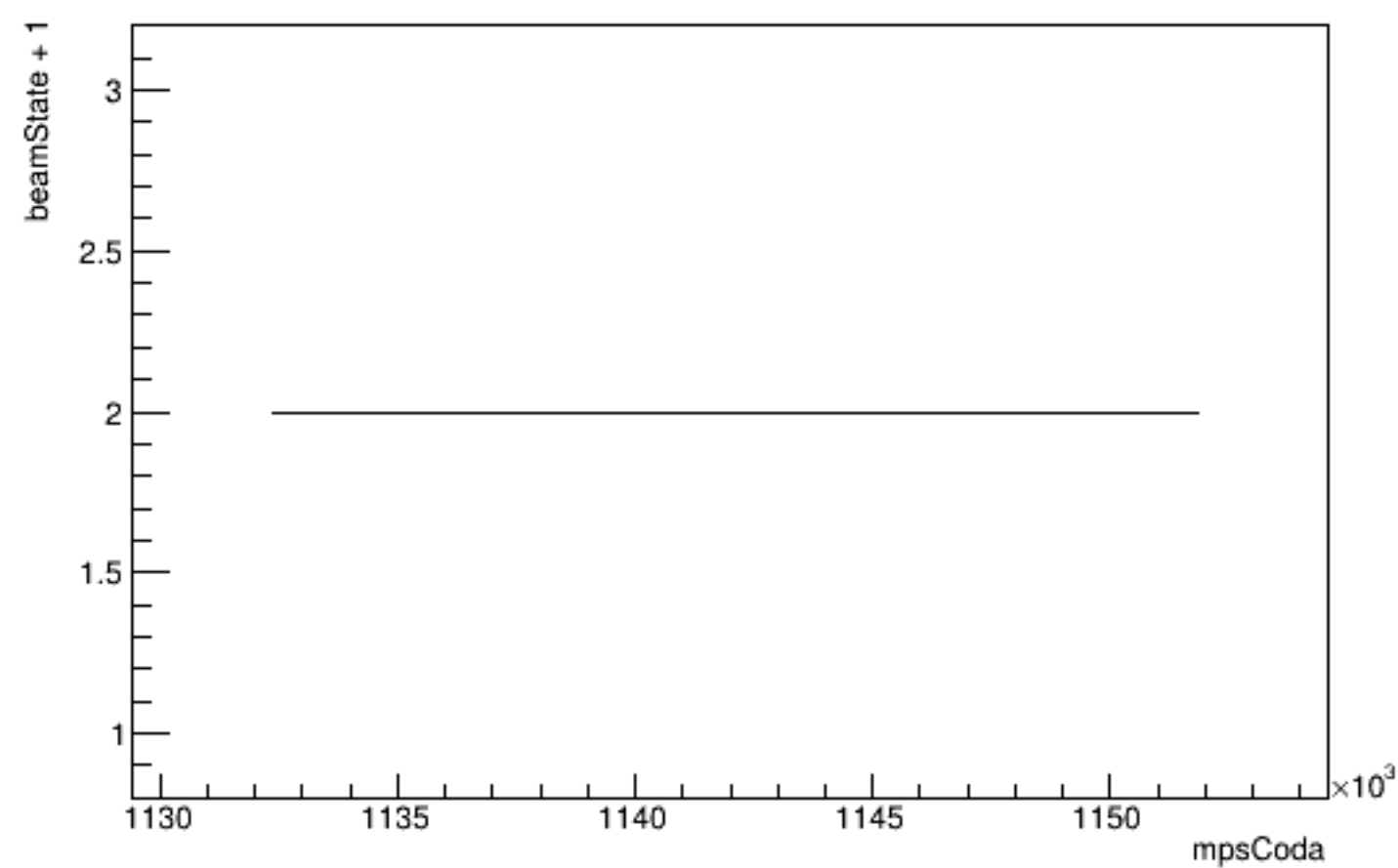
Acc0/NAcc0:mpsCoda (mpsCoda>=1132377 && mpsCoda<=1151840 && beamState==1)



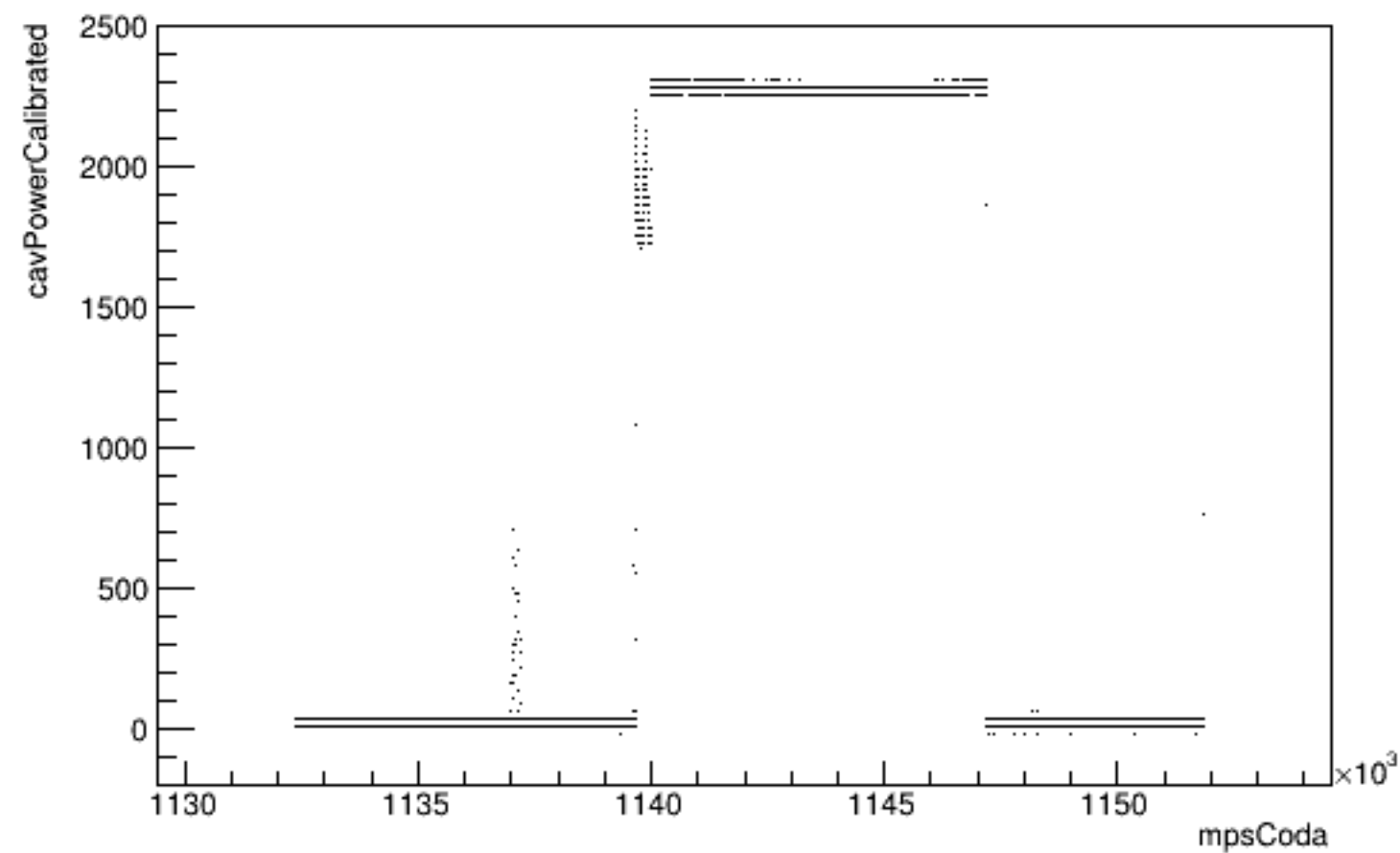
laserState:mpsCoda {mpsCoda>=1132377 && mpsCoda<=1151840}



beamState + 1:mpsCoda {mpsCoda>=1132377 && mpsCoda<=1151840}



cavPowerCalibrated:mpsCoda {mpsCoda>=1132377 && mpsCoda<=1151840}



bcm:mpsCoda {mpsCoda>=1132377 && mpsCoda<=1151840}

