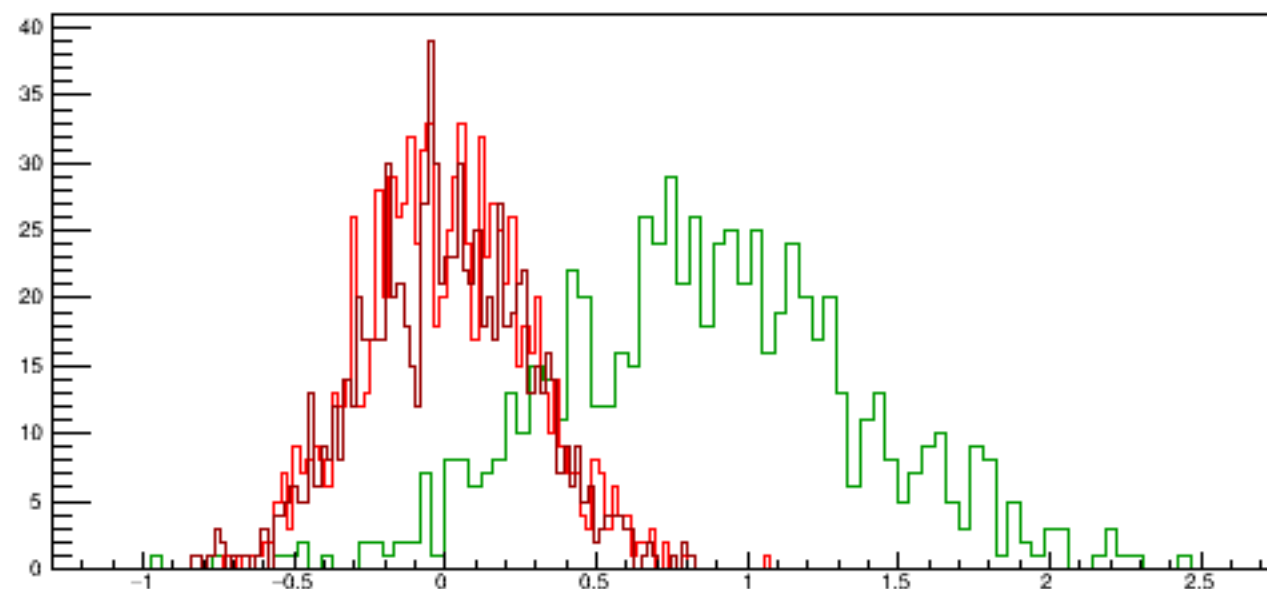


Cycle 1, Diffs

Entries: 928	Entries: 706	Entries: 897
Mean: 0.0042 +/- 0.0089	Mean: 0.8659 +/- 0.0193	Mean: 0.0007 +/- 0.0092
Std Dev: 0.2702 +/- 0.0063	Std Dev: 0.5124 +/- 0.0136	Std Dev: 0.2767 +/- 0.0065

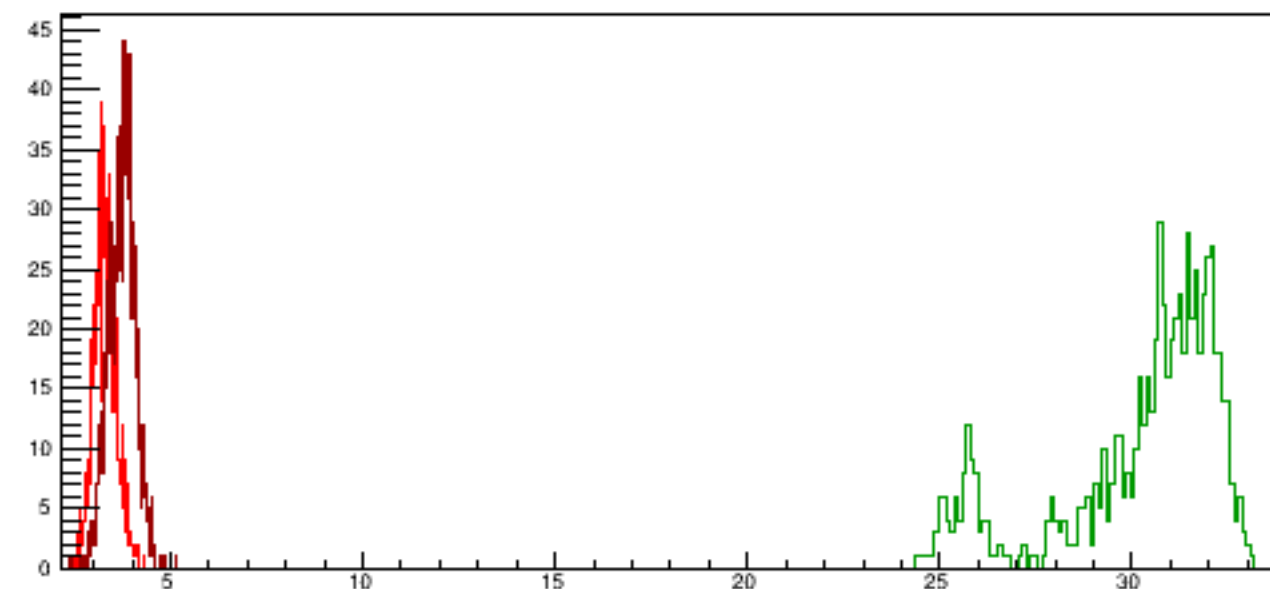
Run 5338 quartetwise, Diffs



Cycle 1, Sums

Entries: 928	Entries: 706	Entries: 897
Mean: 3.2960 +/- 0.0097	Mean: 30.2398 +/- 0.0796	Mean: 3.7417 +/- 0.0116
Std Dev: 0.2942 +/- 0.0068	Std Dev: 2.1138 +/- 0.0563	Std Dev: 0.3486 +/- 0.0082

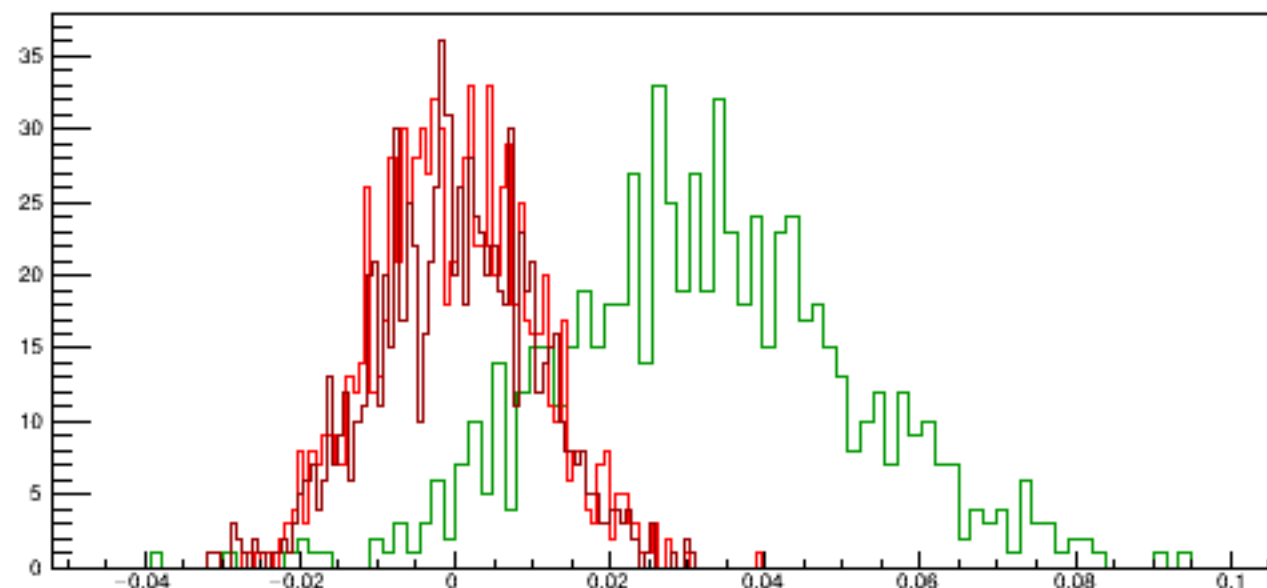
Run 5338 quartetwise, Sums



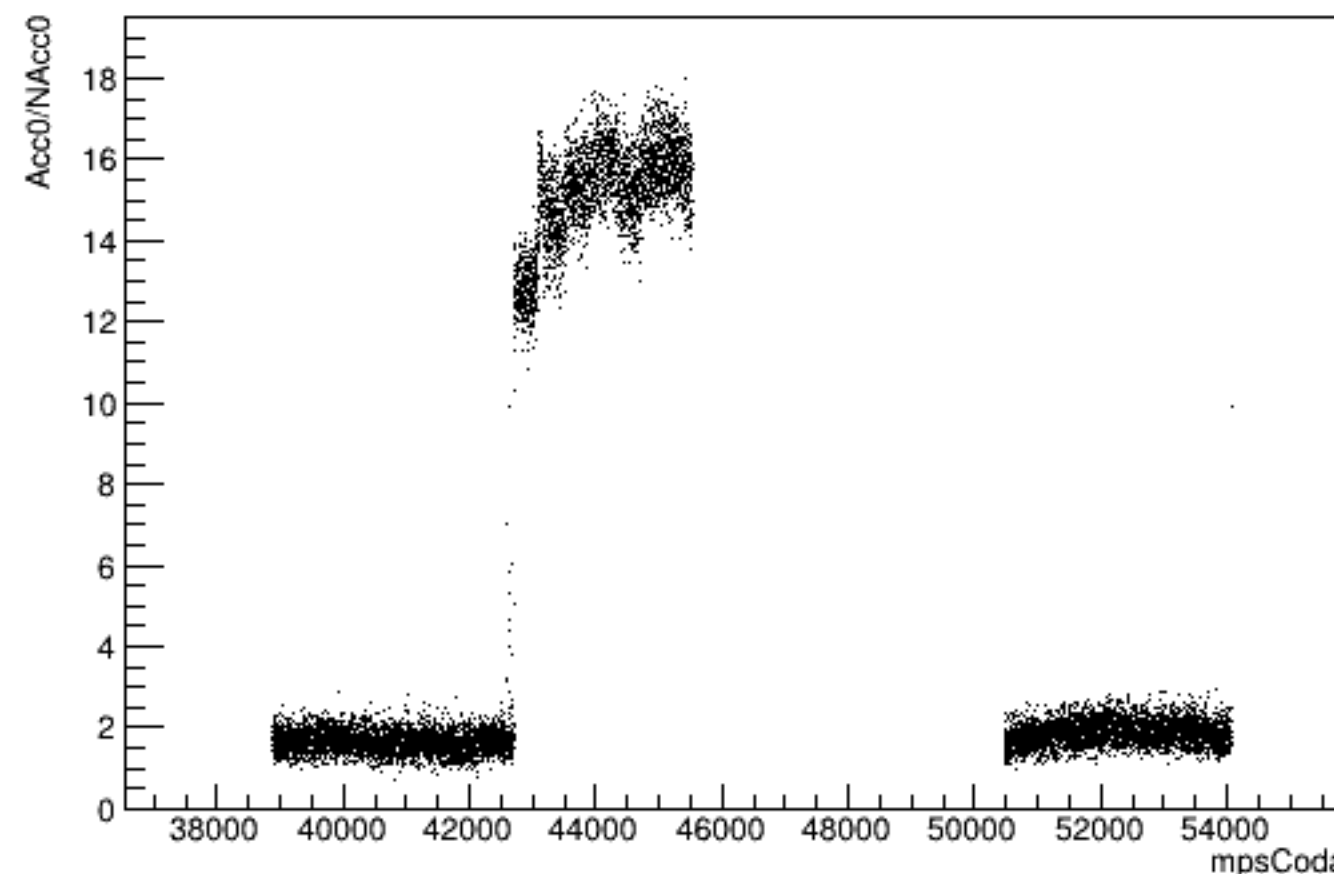
Cycle 1, Asyms

Entries: 928	Entries: 706	Entries: 897
Mean: 0.0002 +/- 0.0003	Mean: 0.0325 +/- 0.0007	Mean: 0.0000 +/- 0.0003
Std Dev: 0.0101 +/- 0.0002	Std Dev: 0.0194 +/- 0.0005	Std Dev: 0.0104 +/- 0.0002

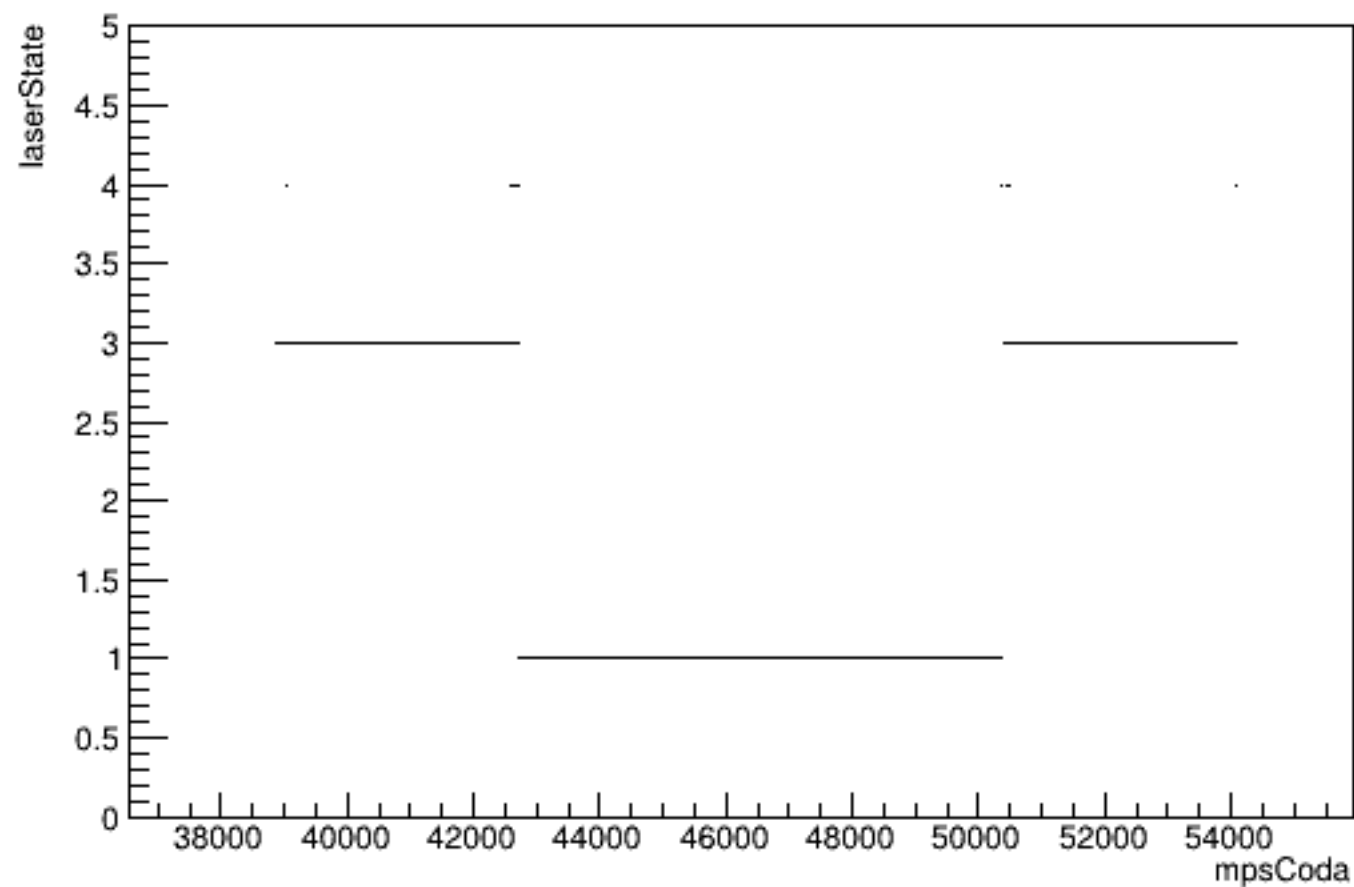
Run 5338 quartetwise, Asyms



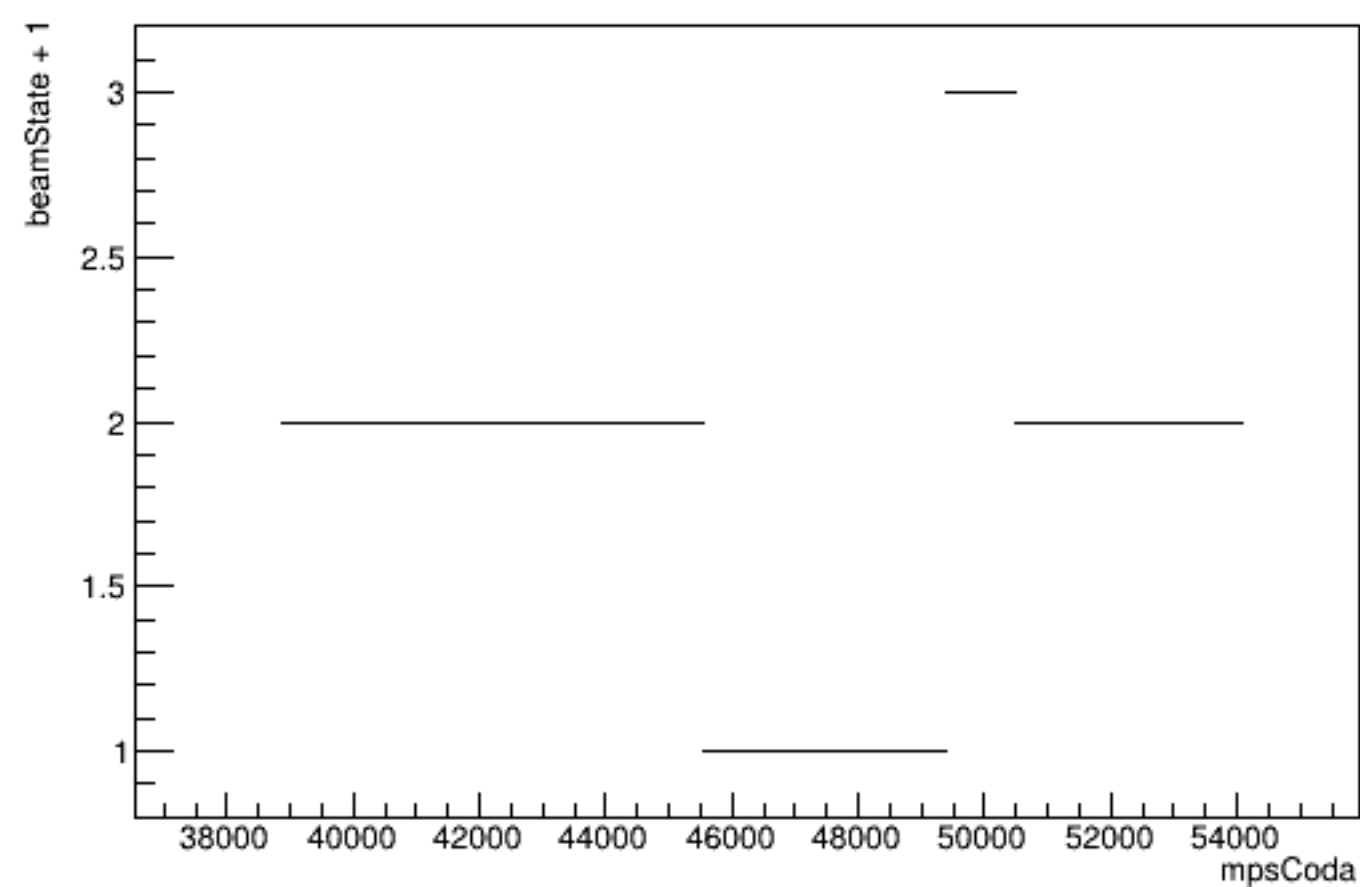
Acc0/NAcc0:mpsCoda {mpsCoda>=38879 && mpsCoda<=54066 && beamState==1}



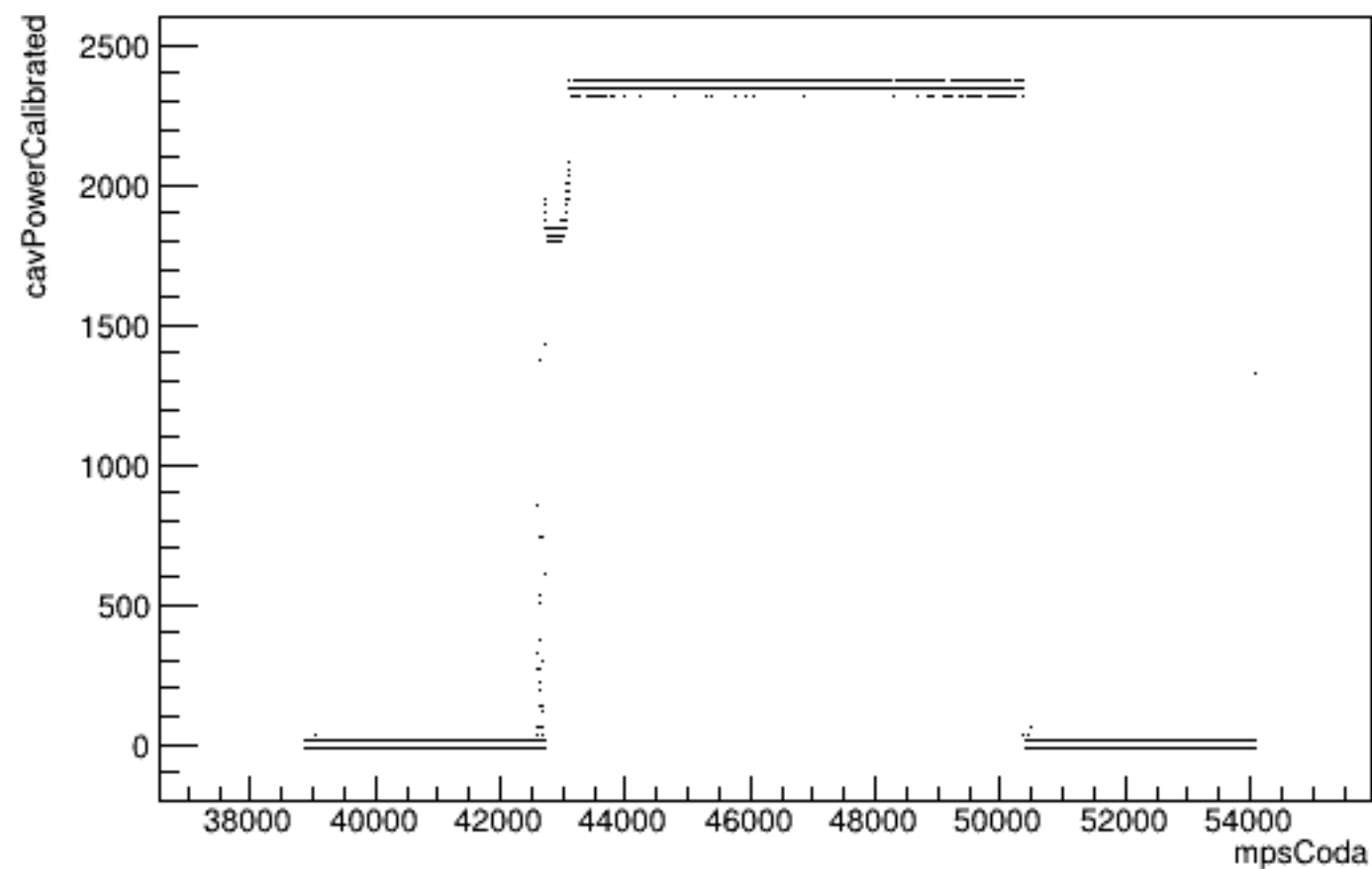
laserState:mpsCoda {mpsCoda>=38879 && mpsCoda<=54066}



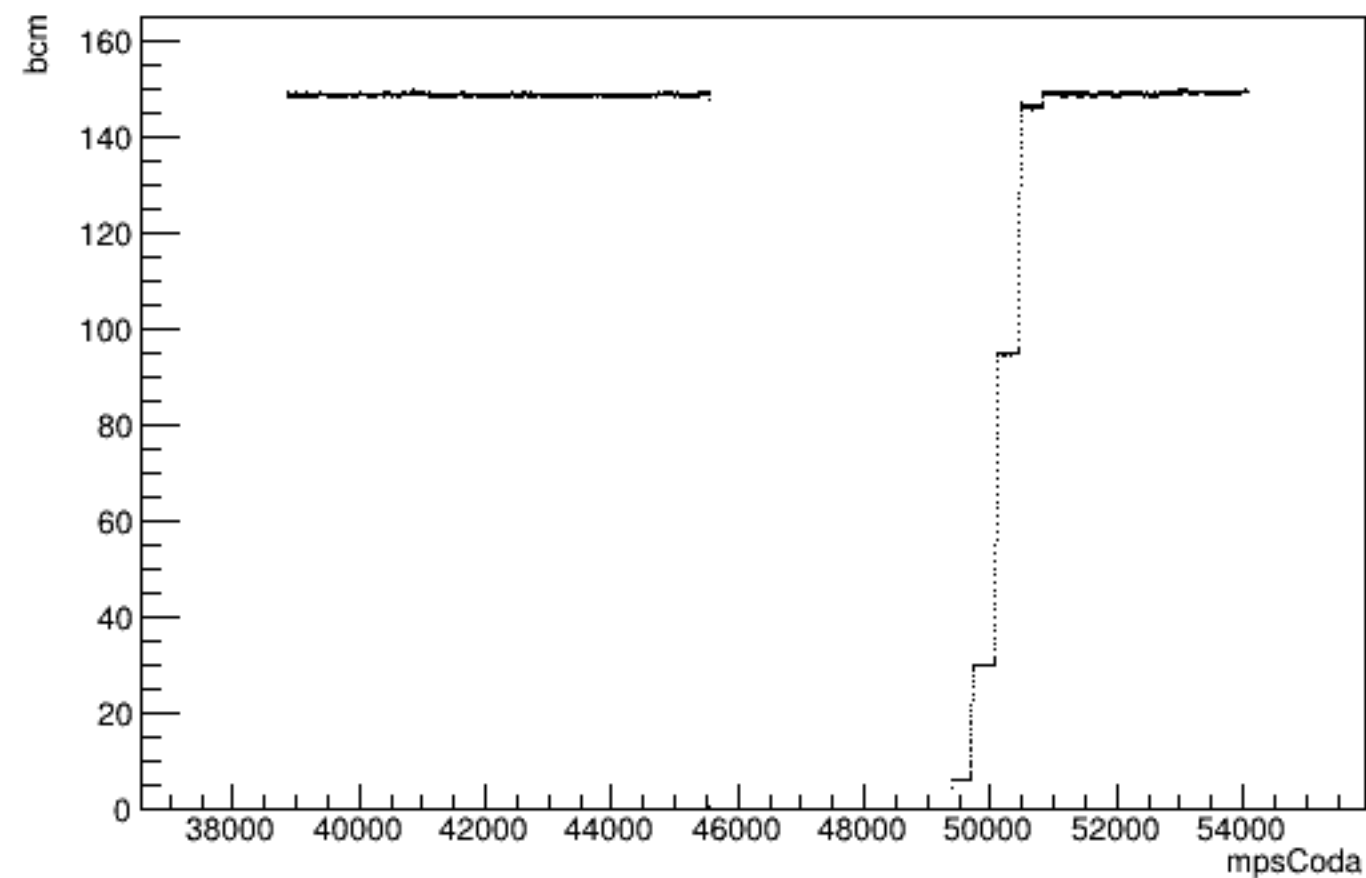
beamState + 1:mpsCoda {mpsCoda>=38879 && mpsCoda<=54066}



cavPowerCalibrated:mpsCoda {mpsCoda>=38879 && mpsCoda<=54066}



bcm:mpsCoda {mpsCoda>=38879 && mpsCoda<=54066}



Cycle 2, Diffs

Entries: 897

Mean: 0.0007 +/- 0.0092

Std Dev: 0.2767 +/- 0.0065

Entries: 922

Mean: 0.6368 +/- 0.0198

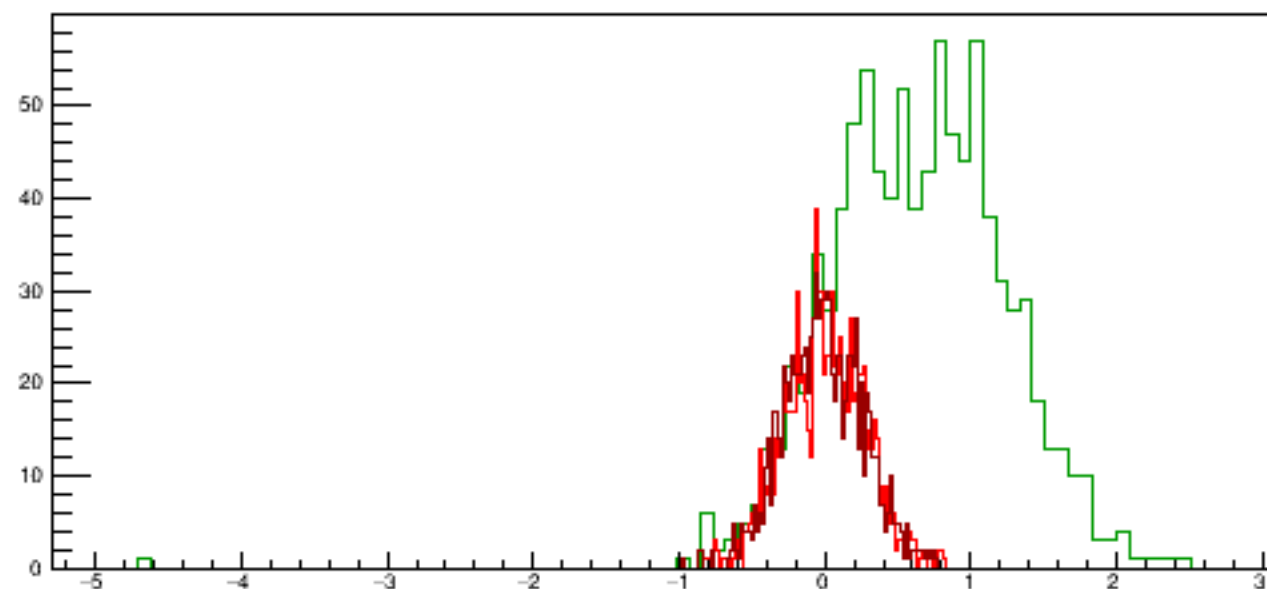
Std Dev: 0.6022 +/- 0.0140

Entries: 881

Mean: -0.0098 +/- 0.0092

Std Dev: 0.2744 +/- 0.0065

Run 5338 quartetwise, Diffs



Cycle 2, Sums

Entries: 897

Mean: 3.7417 +/- 0.0116

Std Dev: 0.3486 +/- 0.0082

Entries: 922

Mean: 23.5619 +/- 0.3361

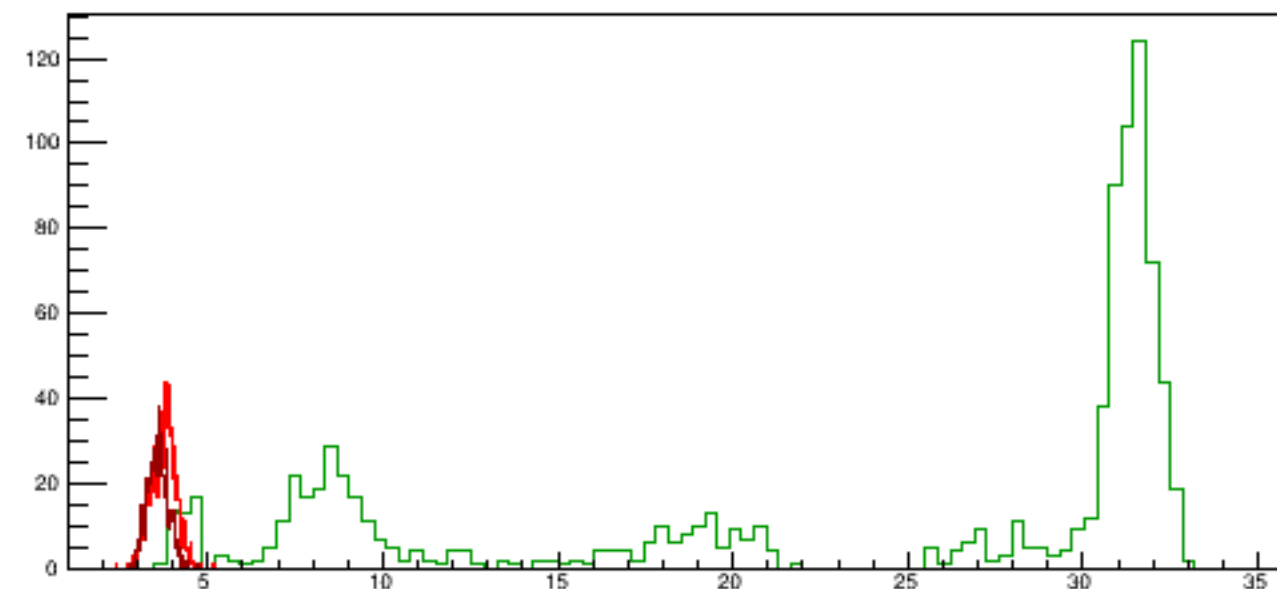
Std Dev: 10.2067 +/- 0.2377

Entries: 881

Mean: 3.5693 +/- 0.0100

Std Dev: 0.2962 +/- 0.0071

Run 5338 quartetwise, Sums



Cycle 2, Asyms

Entries: 897

Mean: 0.0000 +/- 0.0005

Std Dev: 0.0139 +/- 0.0003

Entries: 922

Mean: 0.0492 +/- 0.0076

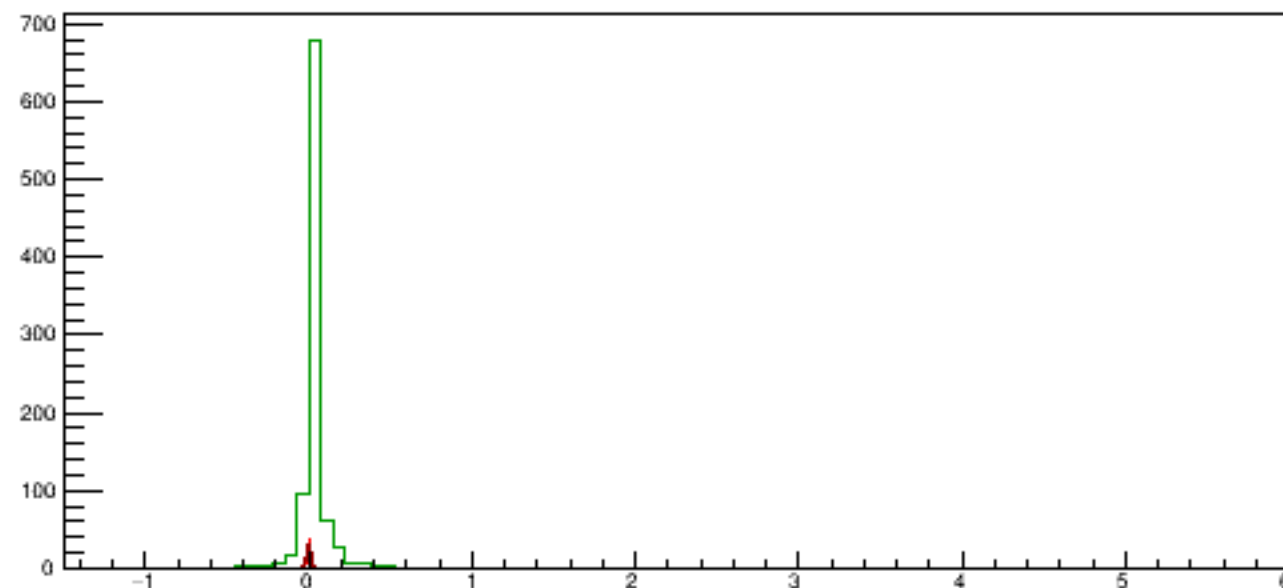
Std Dev: 0.2298 +/- 0.0054

Entries: 881

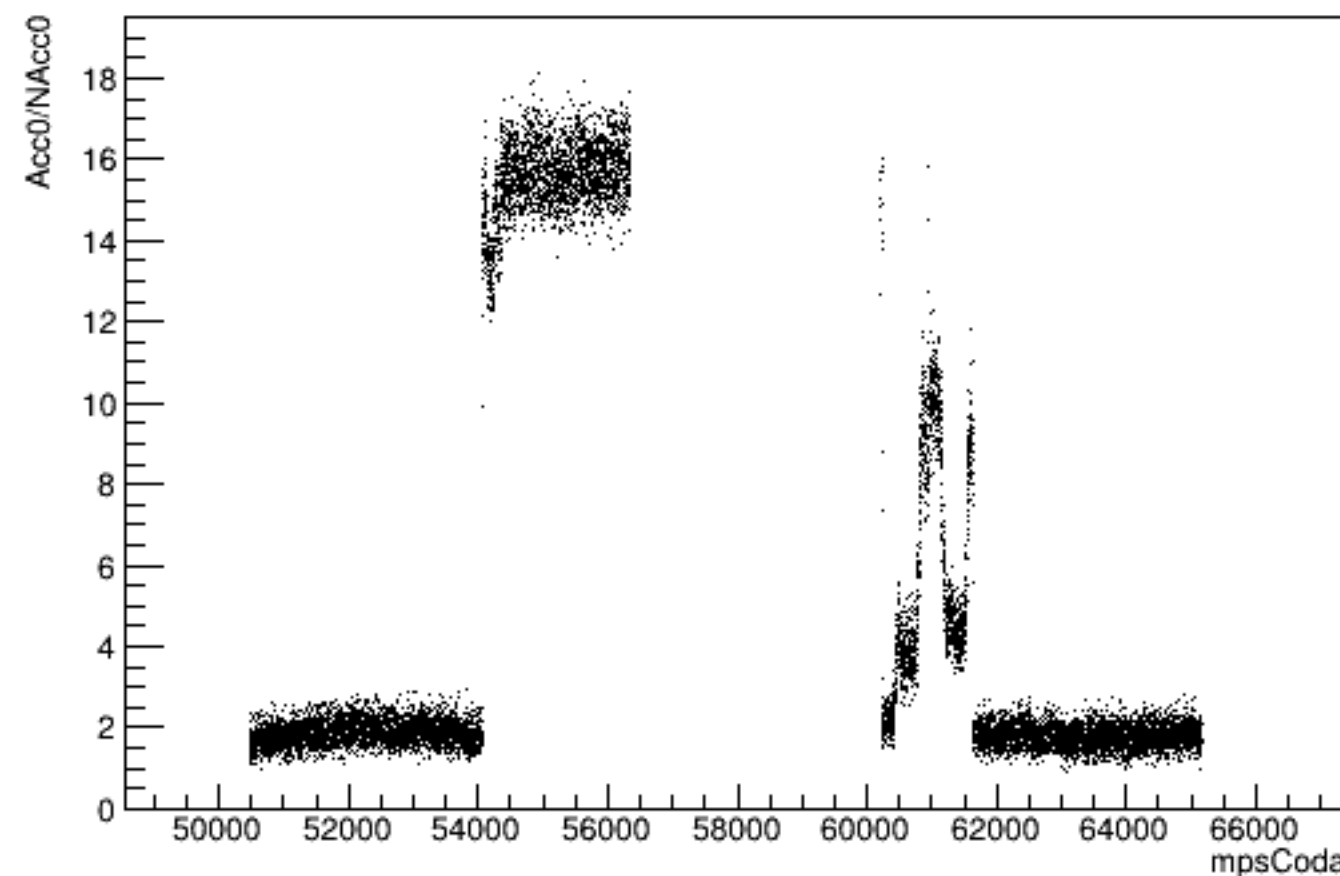
Mean: -0.0005 +/- 0.0005

Std Dev: 0.0138 +/- 0.0003

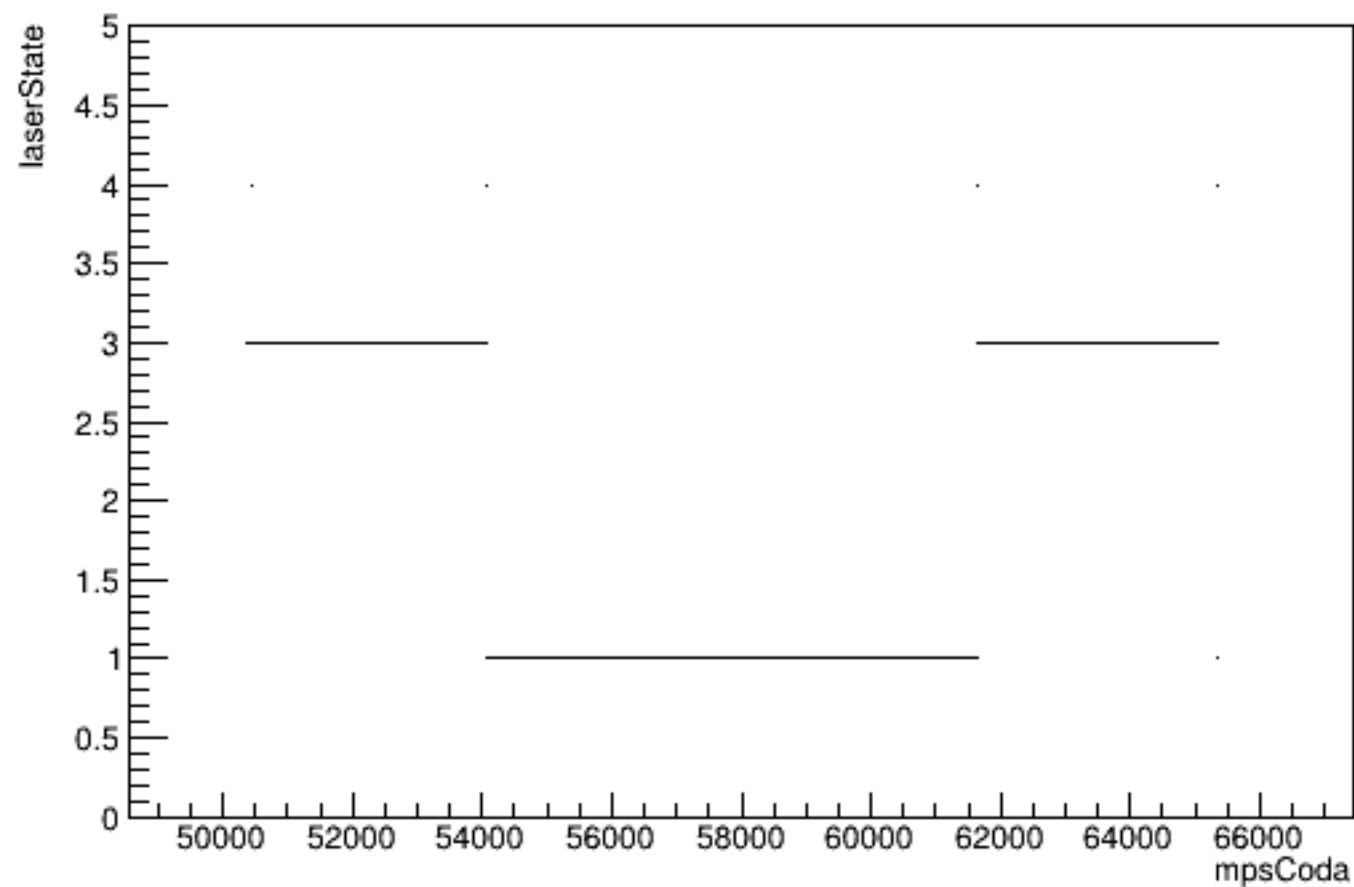
Run 5338 quartetwise, Asyms



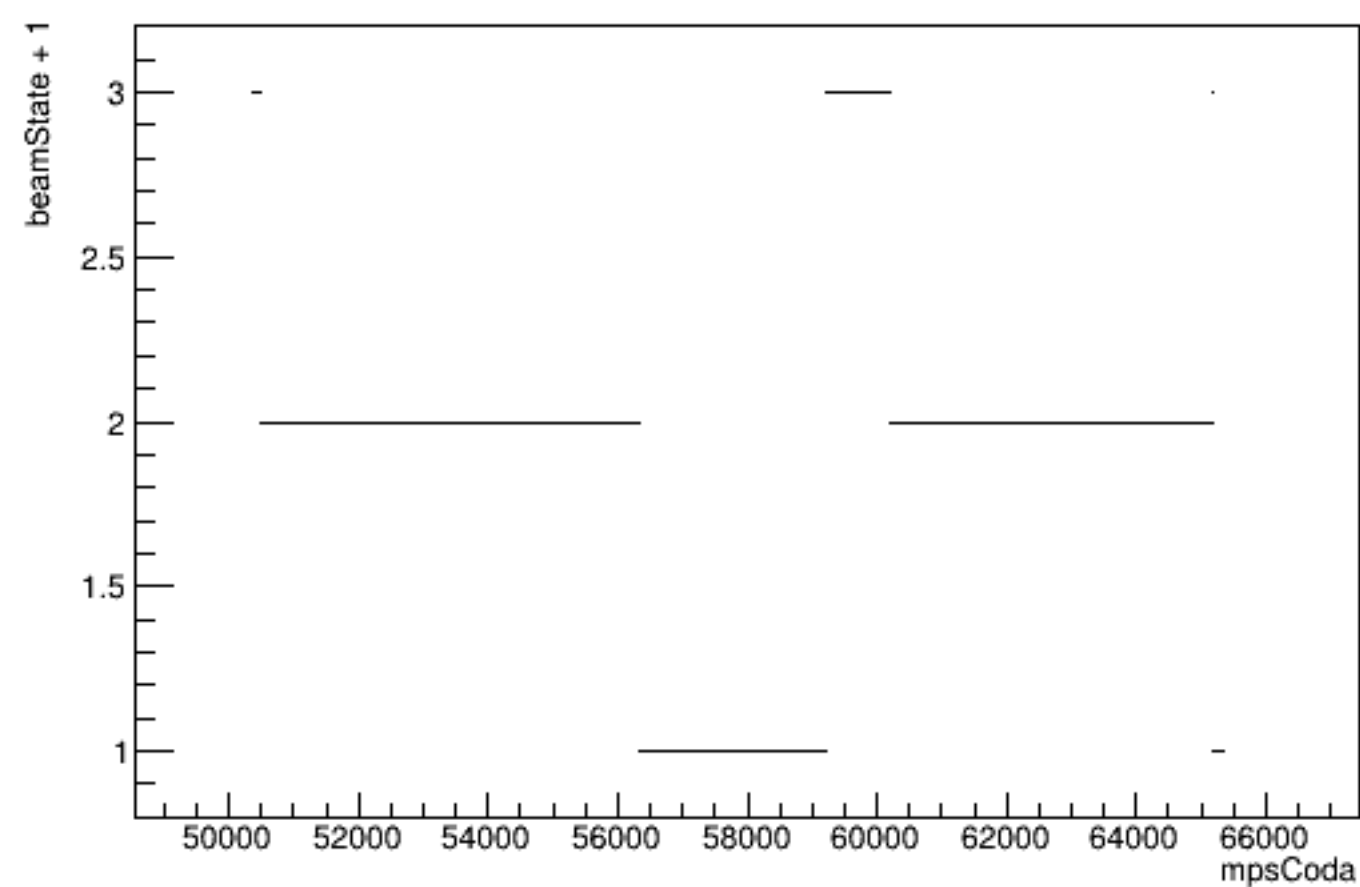
Acc0/NAcc0:mpsCoda {mpsCoda>=50383 && mpsCoda<=65366 && beamState==1}



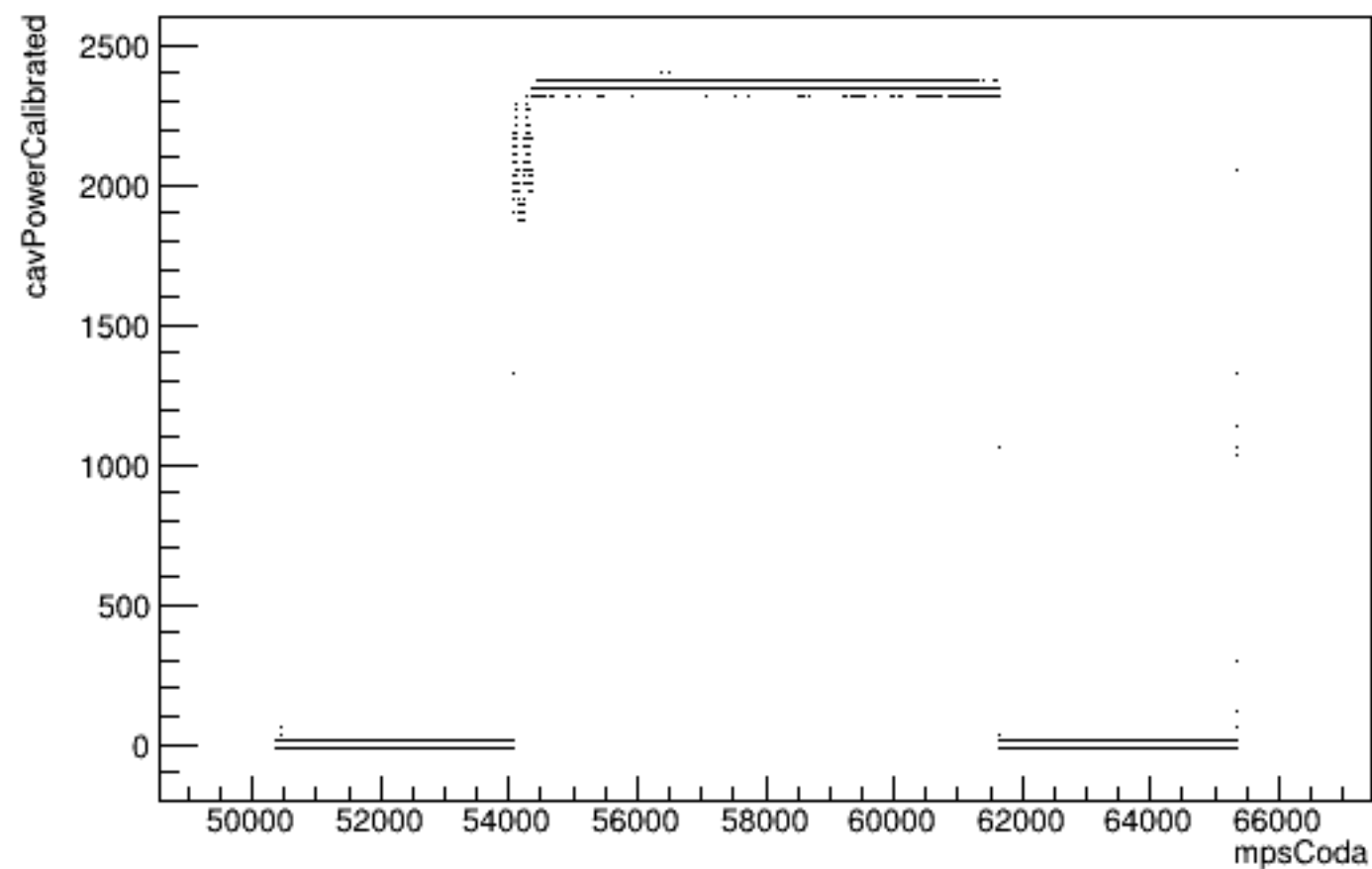
laserState:mpsCoda {mpsCoda>=50383 && mpsCoda<=65366}



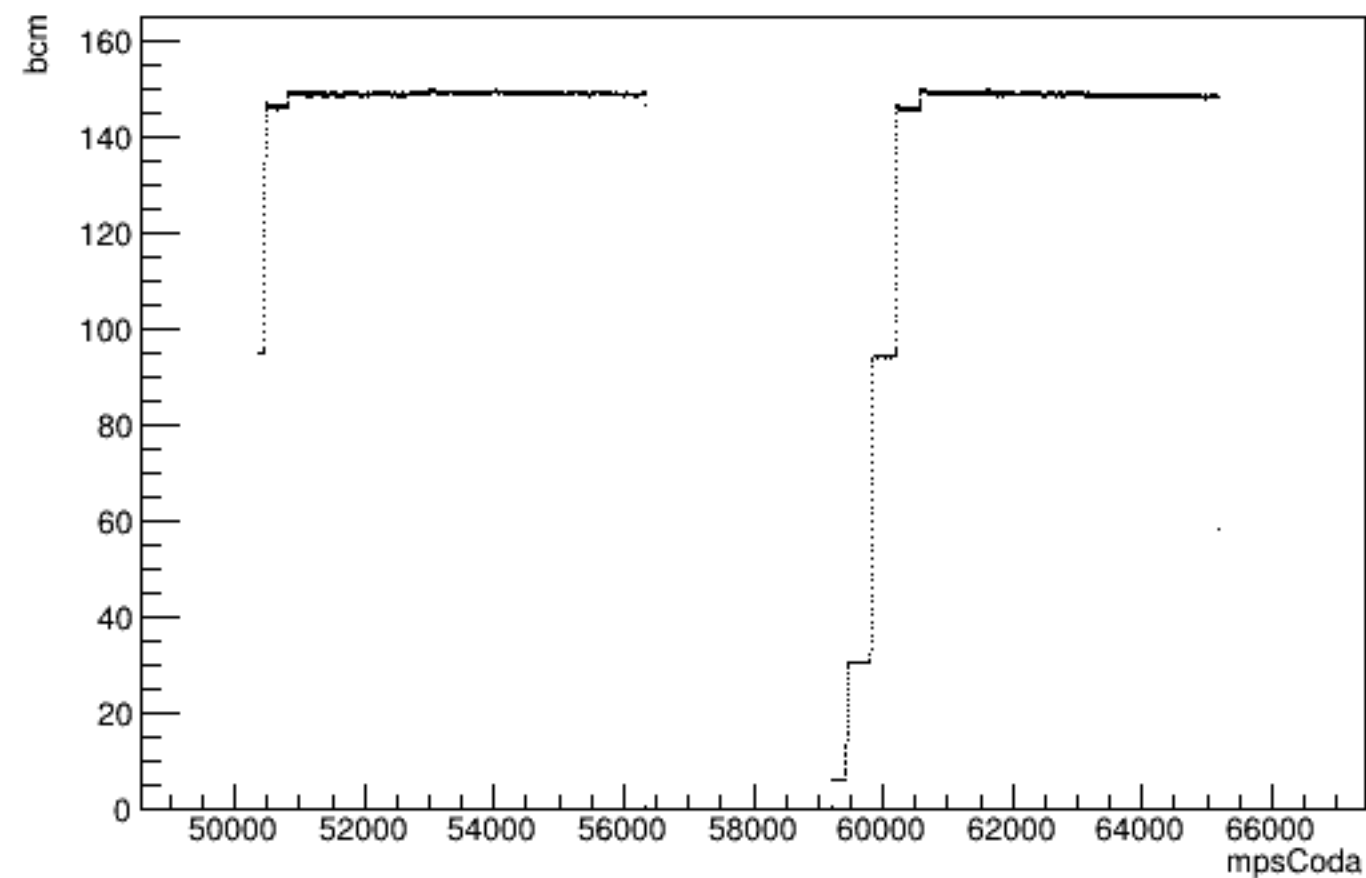
beamState + 1:mpsCoda {mpsCoda>=50383 && mpsCoda<=65366}



cavPowerCalibrated:mpsCoda {mpsCoda>=50383 && mpsCoda<=65366}



bcm:mpsCoda {mpsCoda>=50383 && mpsCoda<=65366}



Cycle 3, Diffs

Entries: 881

Mean: -0.0098 +/- 0.0092

Std Dev: 0.2744 +/- 0.0065

Entries: 514

Mean: 0.8213 +/- 0.0242

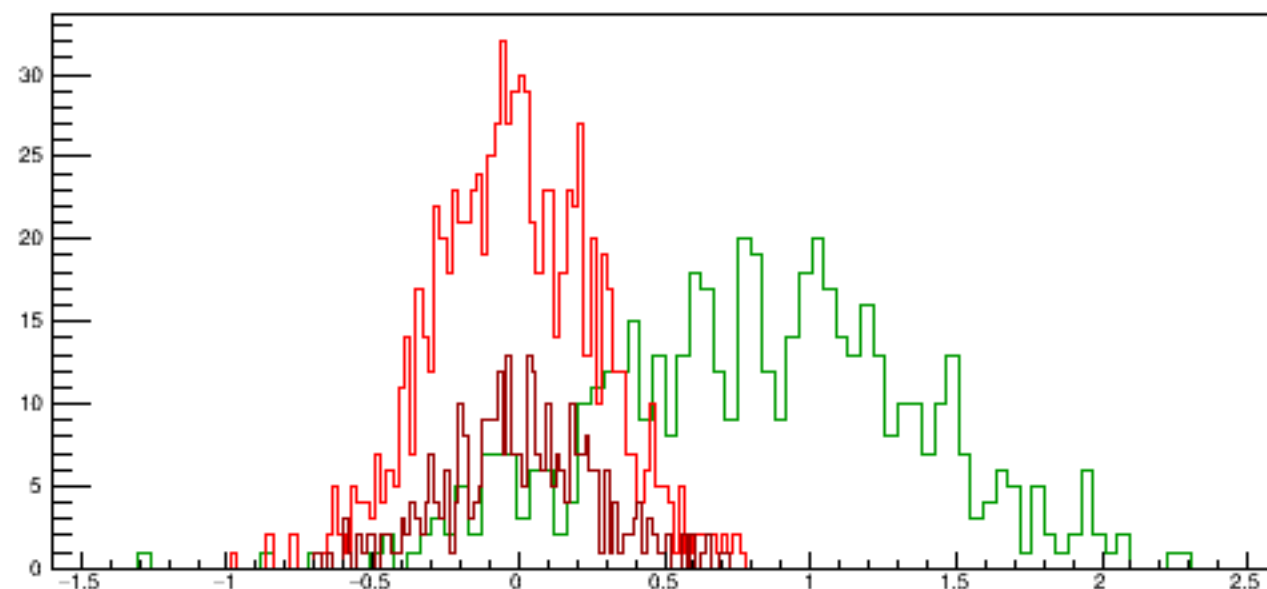
Std Dev: 0.5485 +/- 0.0171

Entries: 328

Mean: 0.0055 +/- 0.0146

Std Dev: 0.2639 +/- 0.0103

Run 5338 quartetwise, Diffs



Cycle 3, Sums

Entries: 881

Mean: 3.5693 +/- 0.0100

Std Dev: 0.2962 +/- 0.0071

Entries: 514

Mean: 29.2694 +/- 0.1519

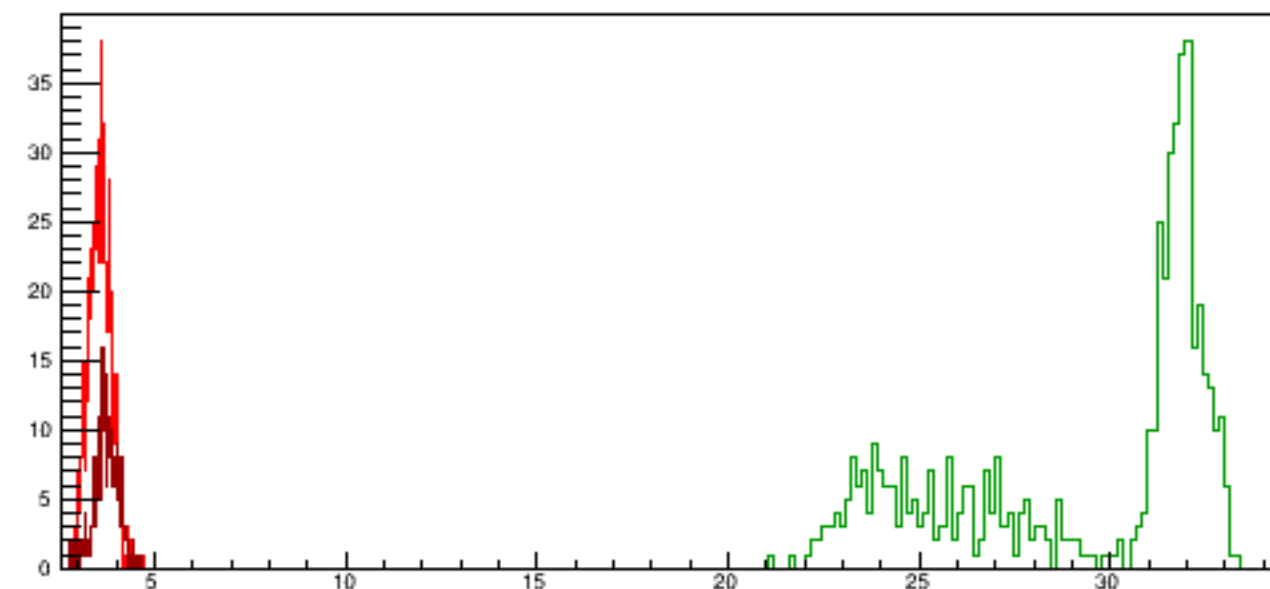
Std Dev: 3.4431 +/- 0.1074

Entries: 328

Mean: 3.7257 +/- 0.0177

Std Dev: 0.3197 +/- 0.0125

Run 5338 quartetwise, Sums



Cycle 3, Asyms

Entries: 881

Mean: -0.0004 +/- 0.0004

Std Dev: 0.0107 +/- 0.0003

Entries: 514

Mean: 0.0320 +/- 0.0010

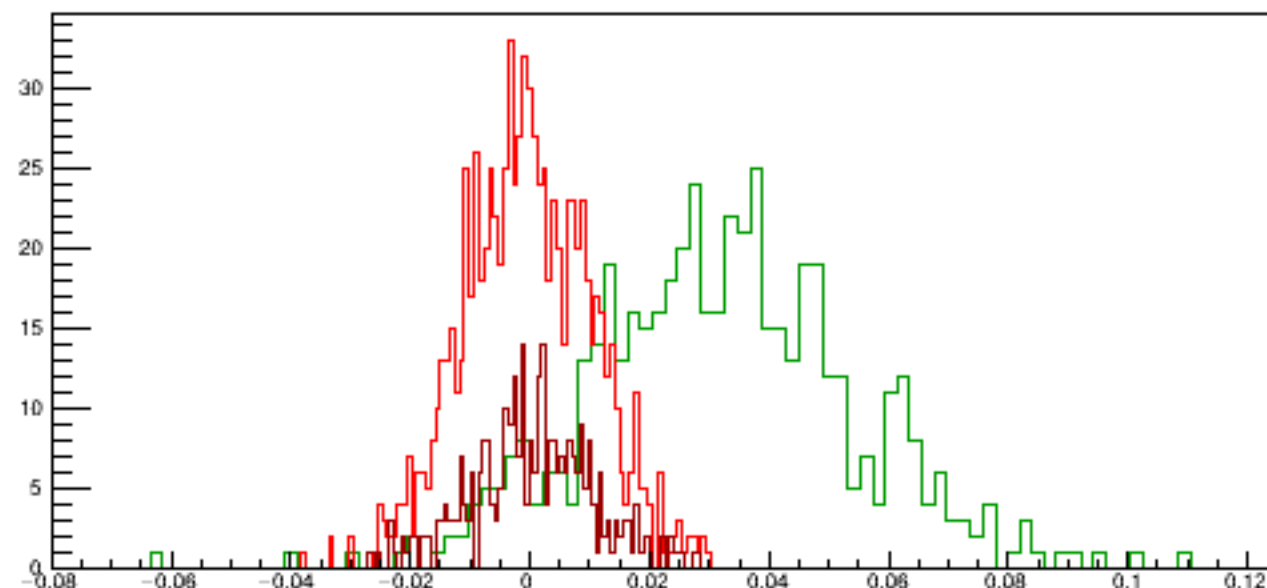
Std Dev: 0.0224 +/- 0.0007

Entries: 328

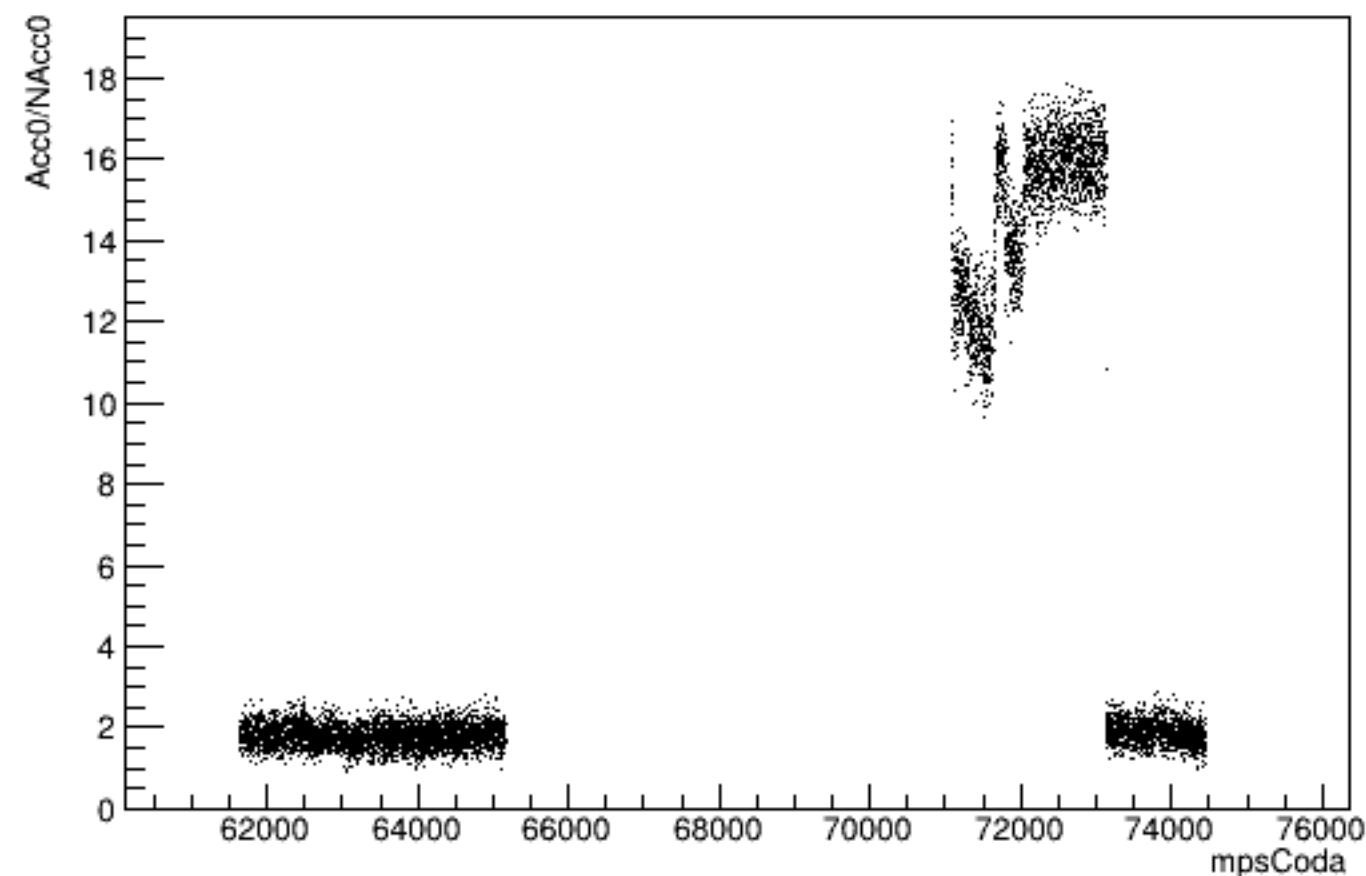
Mean: 0.0002 +/- 0.0006

Std Dev: 0.0103 +/- 0.0004

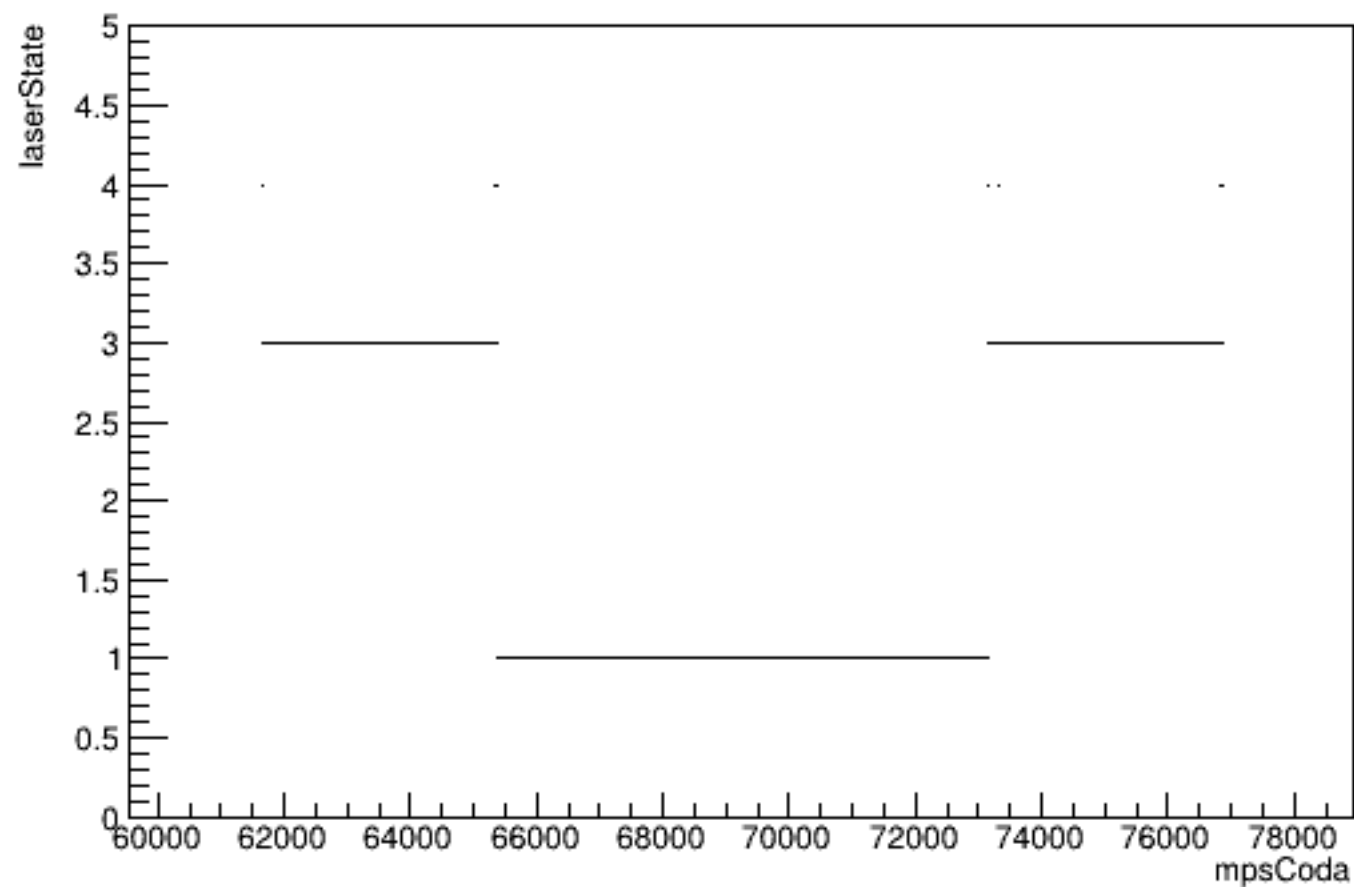
Run 5338 quartetwise, Asyms



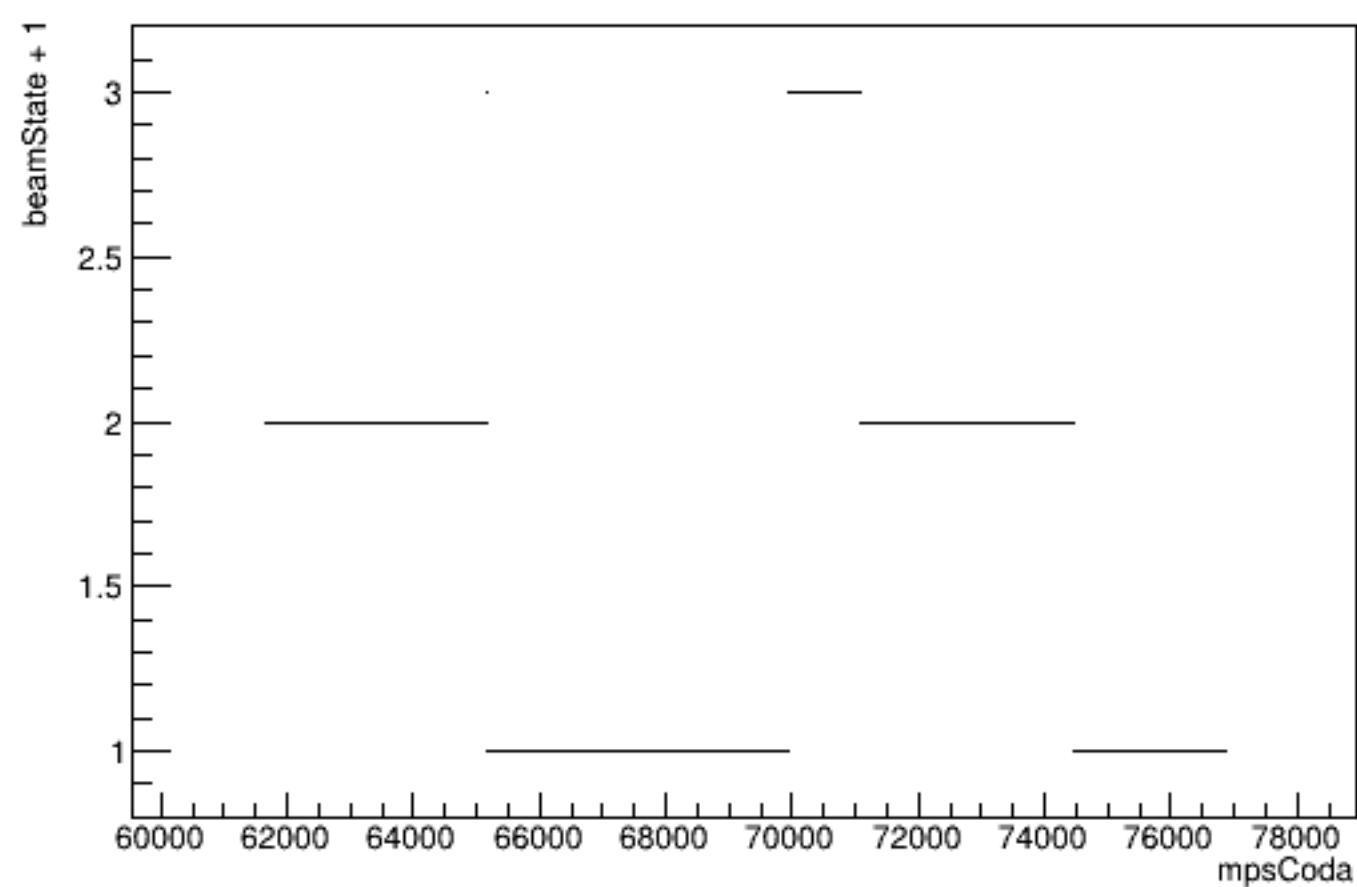
Acc0/NAcc0:mpsCoda {mpsCoda>=61639 && mpsCoda<=76862 && beamState==1}



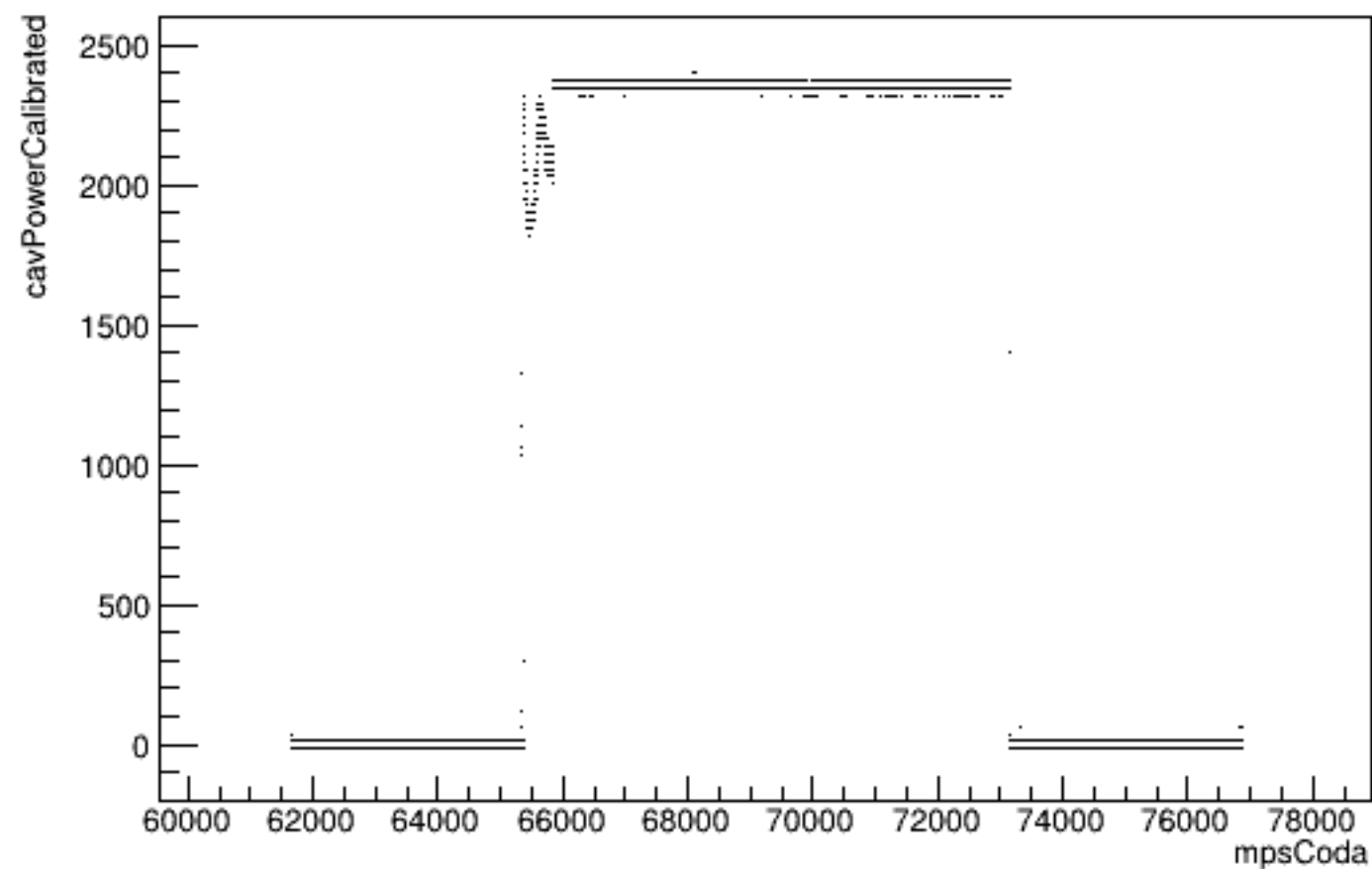
laserState:mpsCoda {mpsCoda>=61639 && mpsCoda<=76862}



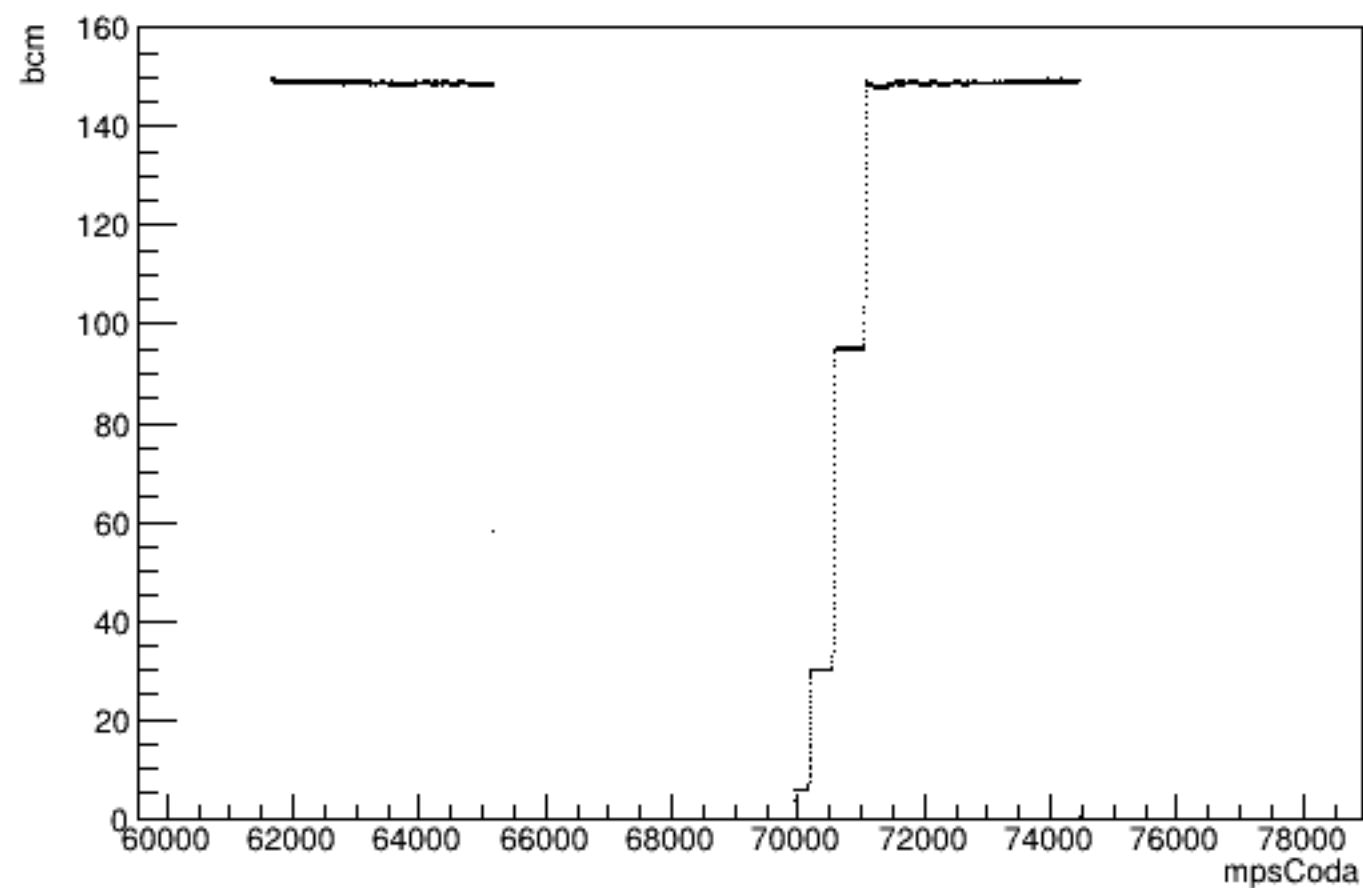
beamState + 1:mpsCoda {mpsCoda>=61639 && mpsCoda<=76862}



cavPowerCalibrated:mpsCoda {mpsCoda>=61639 && mpsCoda<=76862}



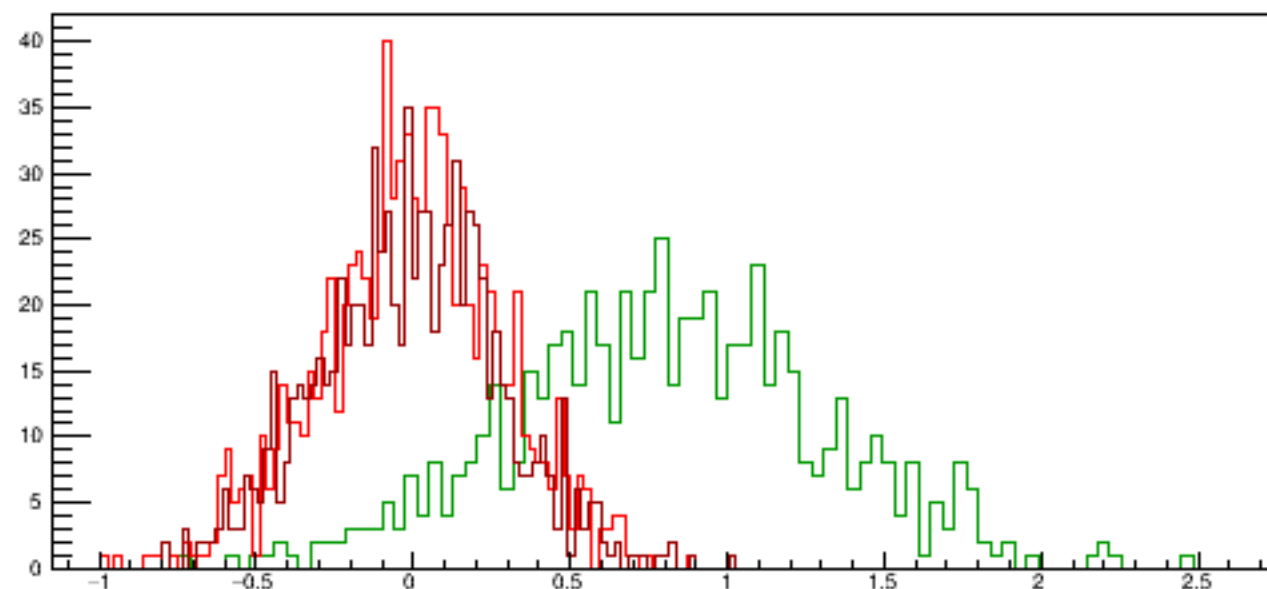
bcm:mpsCoda {mpsCoda>=61639 && mpsCoda<=76862}



Cycle 4, Diffs

Entries: 938	Entries: 620	Entries: 855
Mean: -0.0074 +/- 0.0093	Mean: 0.8106 +/- 0.0201	Mean: -0.0092 +/- 0.0098
Std Dev: 0.2861 +/- 0.0066	Std Dev: 0.5002 +/- 0.0142	Std Dev: 0.2872 +/- 0.0069

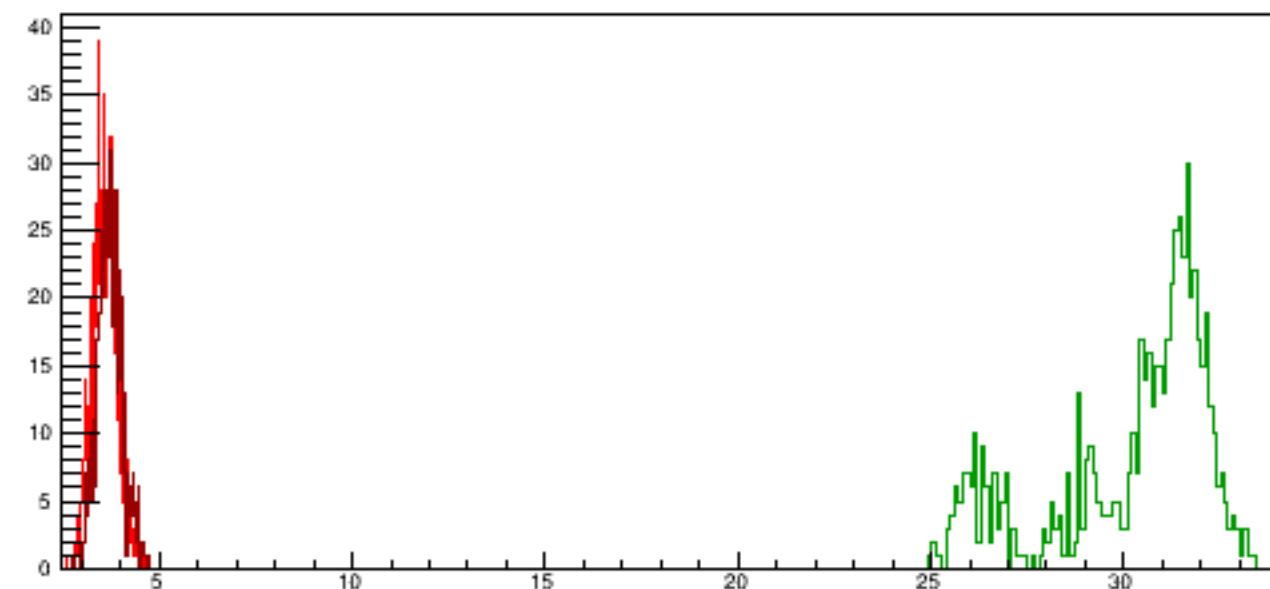
Run 5338 quartetwise, Diffs



Cycle 4, Sums

Entries: 938	Entries: 620	Entries: 855
Mean: 3.5719 +/- 0.0105	Mean: 30.2081 +/- 0.0830	Mean: 3.7240 +/- 0.0105
Std Dev: 0.3219 +/- 0.0074	Std Dev: 2.0662 +/- 0.0587	Std Dev: 0.3074 +/- 0.0074

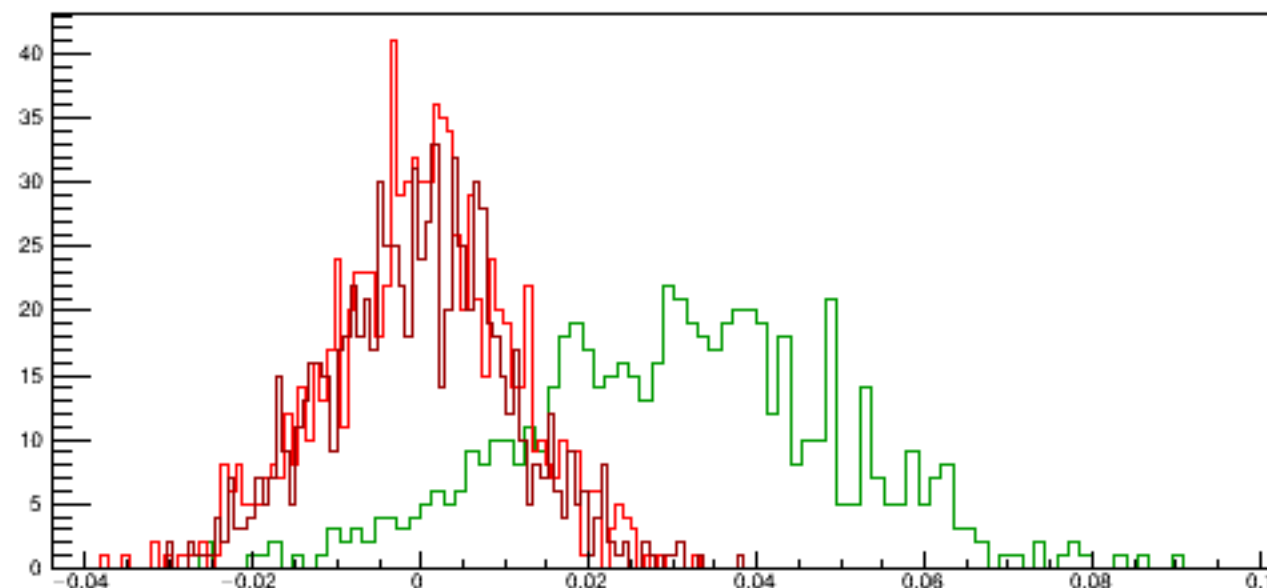
Run 5338 quartetwise, Sums



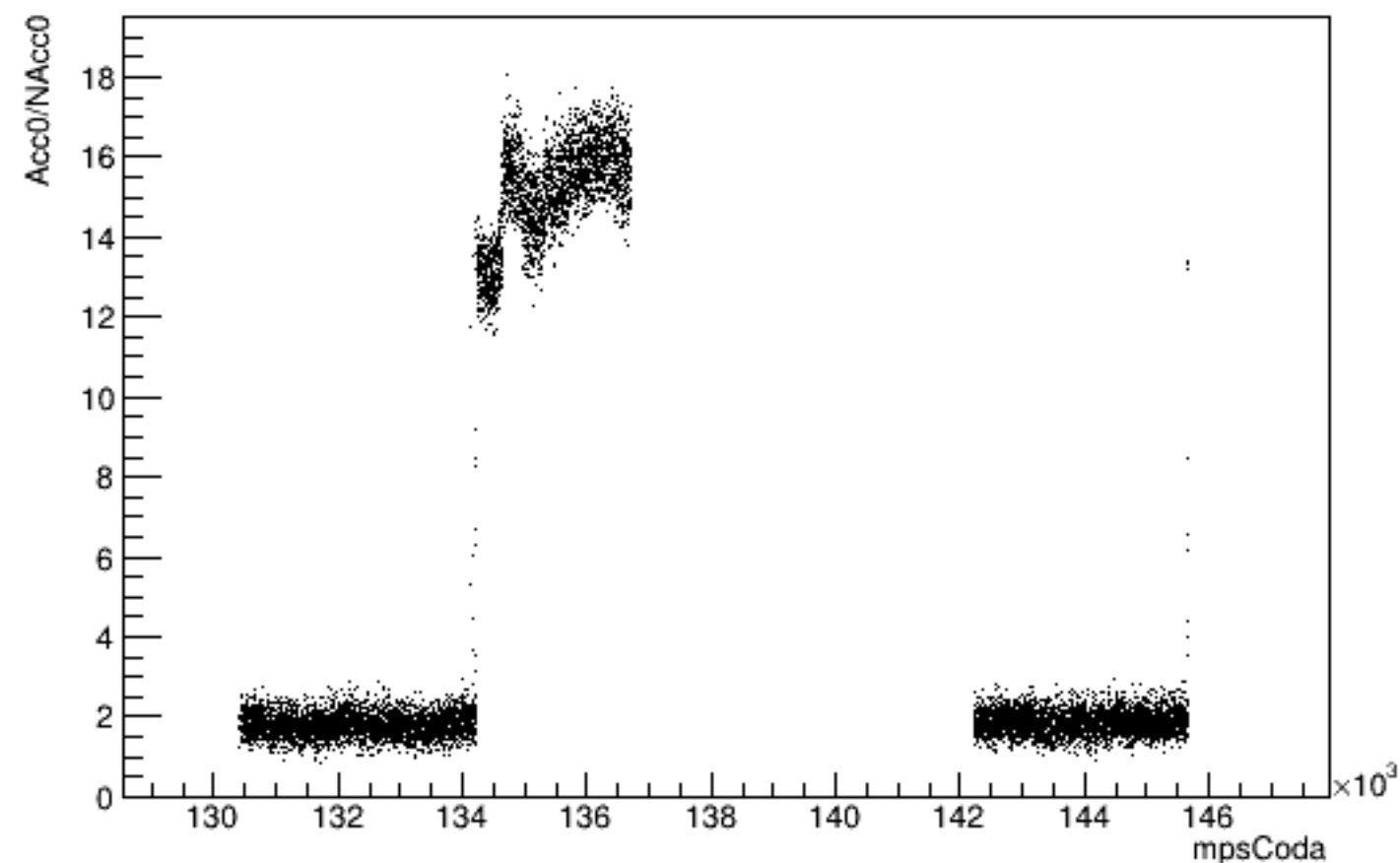
Cycle 4, Asyms

Entries: 938	Entries: 620	Entries: 855
Mean: -0.0003 +/- 0.0004	Mean: 0.0305 +/- 0.0008	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0108 +/- 0.0002	Std Dev: 0.0188 +/- 0.0005	Std Dev: 0.0108 +/- 0.0003

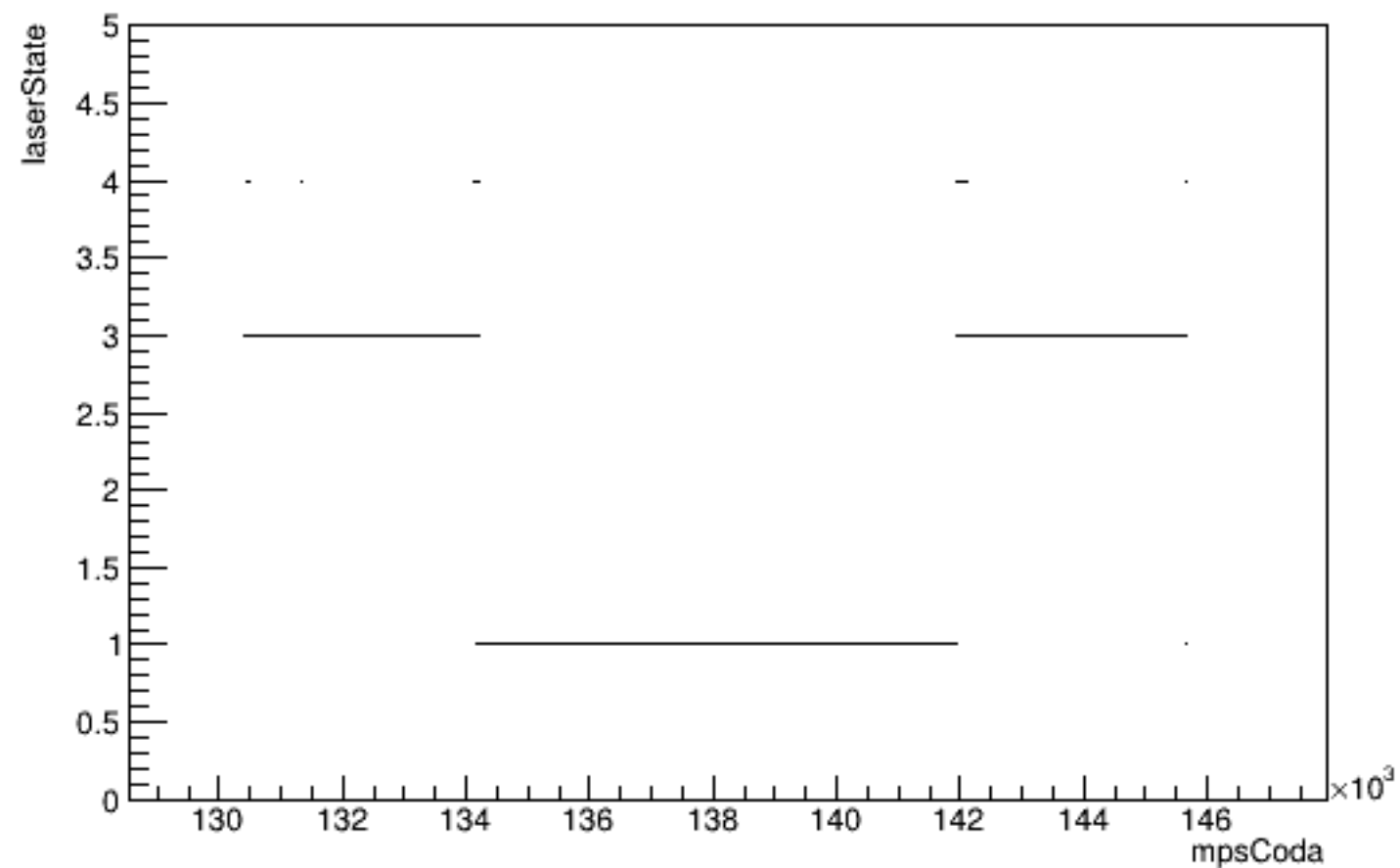
Run 5338 quartetwise, Asyms



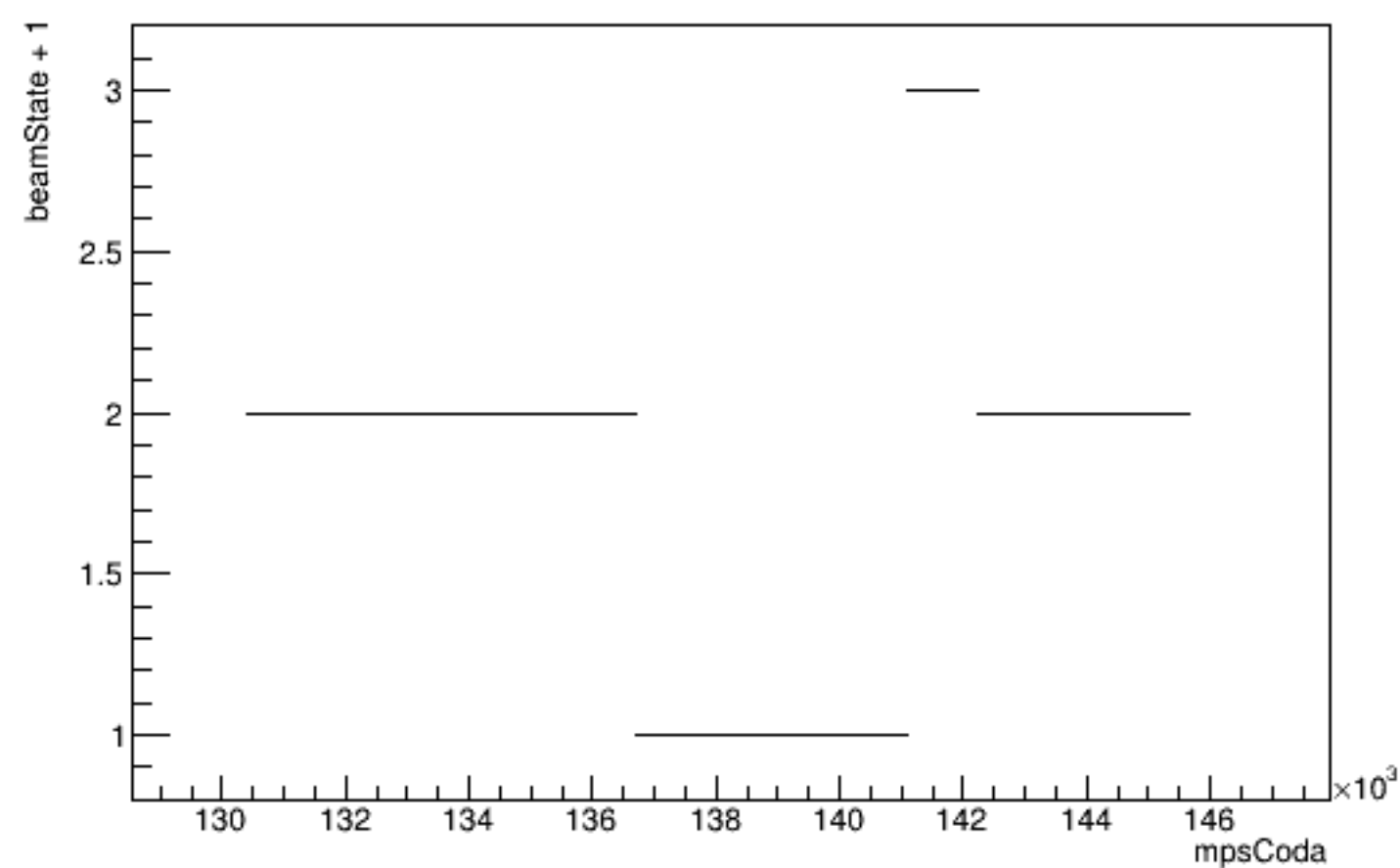
Acc0/NAcc0:mpsCoda (mpsCoda>=130419 && mpsCoda<=145662 && beamState==1)



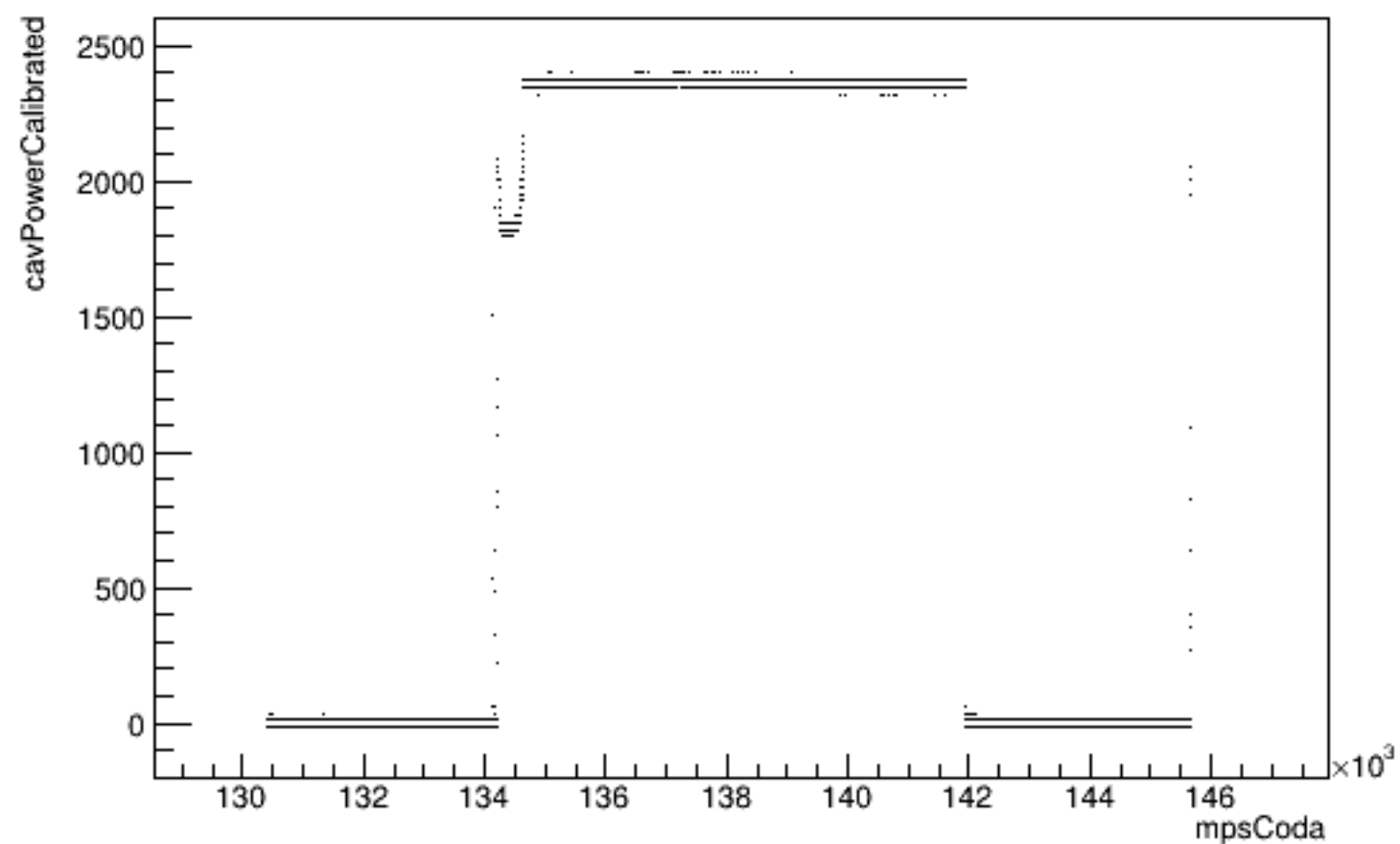
laserState:mpsCoda {mpsCoda>=130419 && mpsCoda<=145662}



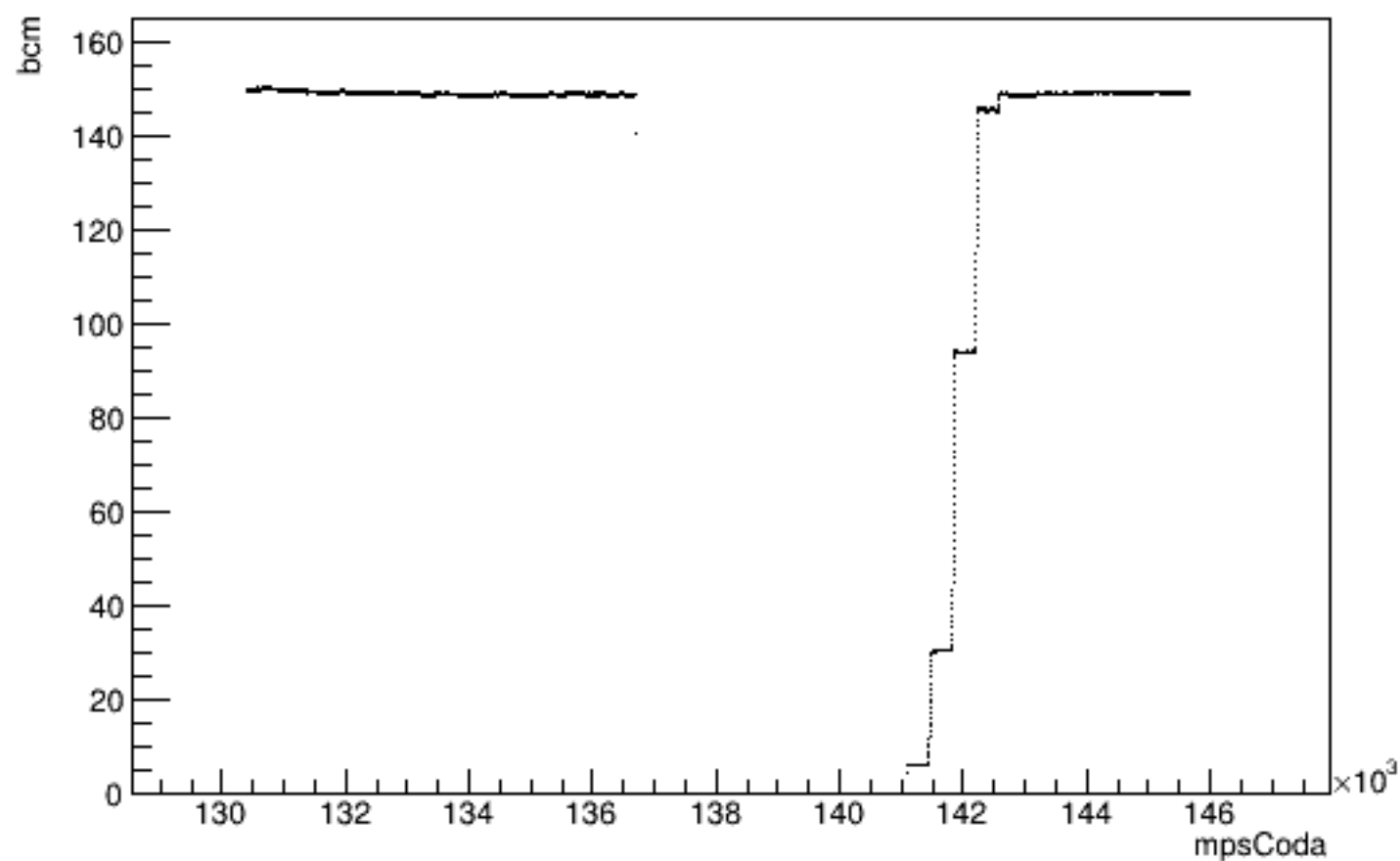
beamState + 1:mpsCoda {mpsCoda>=130419 && mpsCoda<=145662}



cavPowerCalibrated:mpsCoda {mpsCoda>=130419 && mpsCoda<=145662}



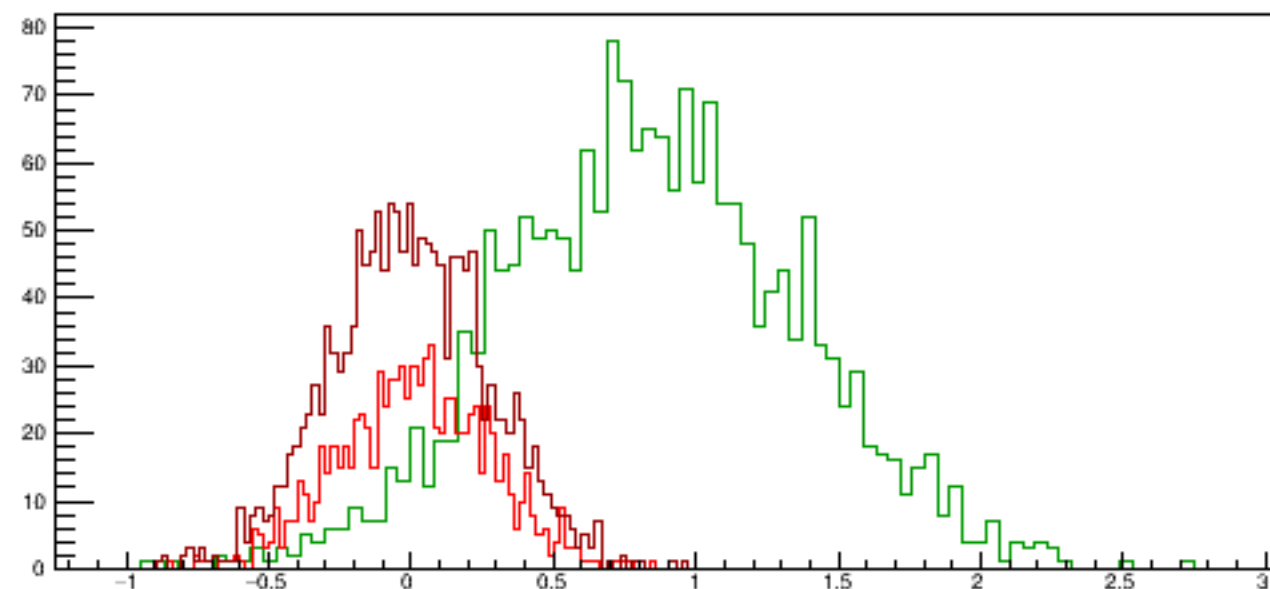
bcm:mpsCoda {mpsCoda>=130419 && mpsCoda<=145662}



Cycle 5, Diffs

Entries: 919	Entries: 1944	Entries: 1580
Mean: 0.0118 +/- 0.0087	Mean: 0.8487 +/- 0.0117	Mean: -0.0050 +/- 0.0069
Std Dev: 0.2651 +/- 0.0062	Std Dev: 0.5146 +/- 0.0083	Std Dev: 0.2750 +/- 0.0049

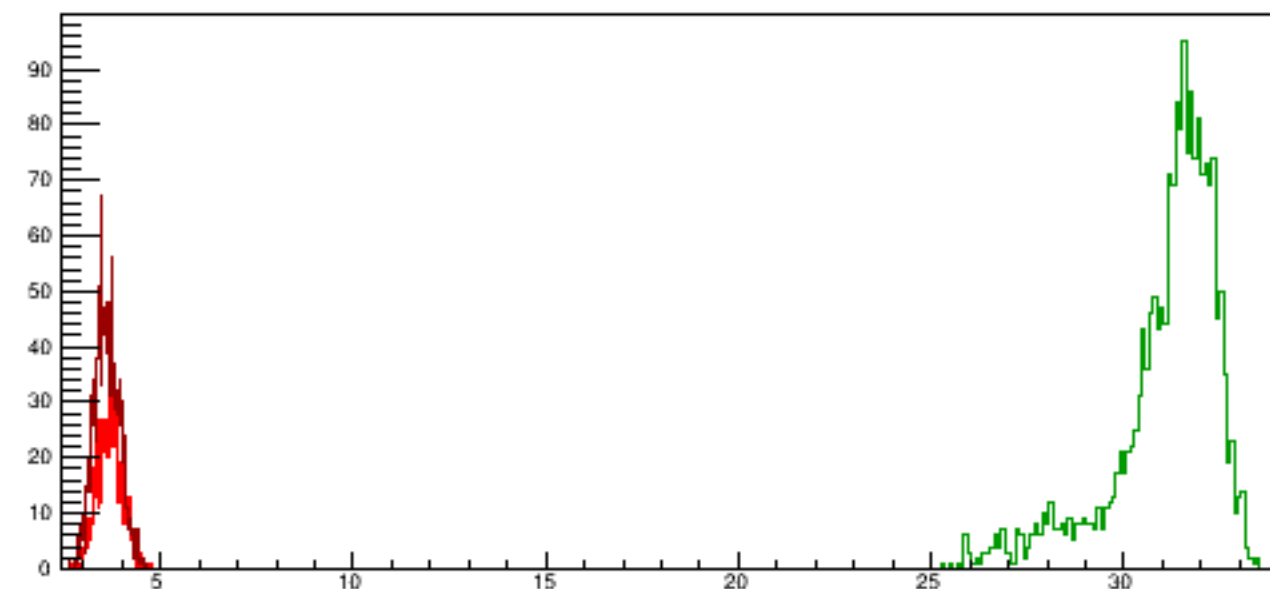
Run 5338 quartetwise, Diffs



Cycle 5, Sums

Entries: 919	Entries: 1944	Entries: 1580
Mean: 3.6767 +/- 0.0105	Mean: 31.0958 +/- 0.0316	Mean: 3.6126 +/- 0.0081
Std Dev: 0.3185 +/- 0.0074	Std Dev: 1.3945 +/- 0.0224	Std Dev: 0.3228 +/- 0.0057

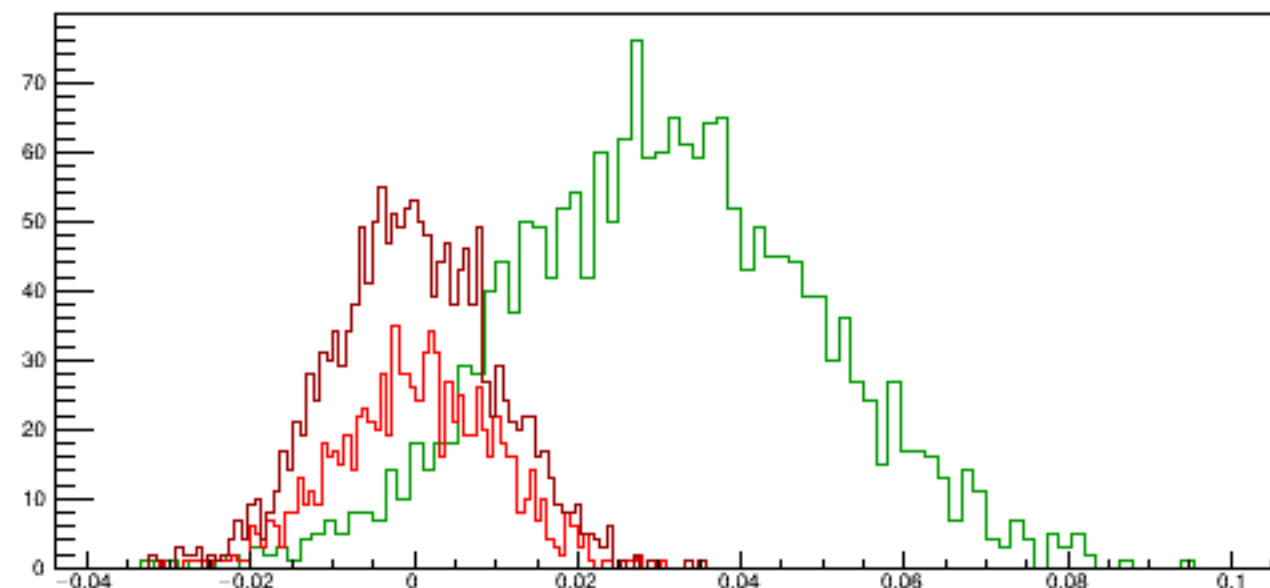
Run 5338 quartetwise, Sums



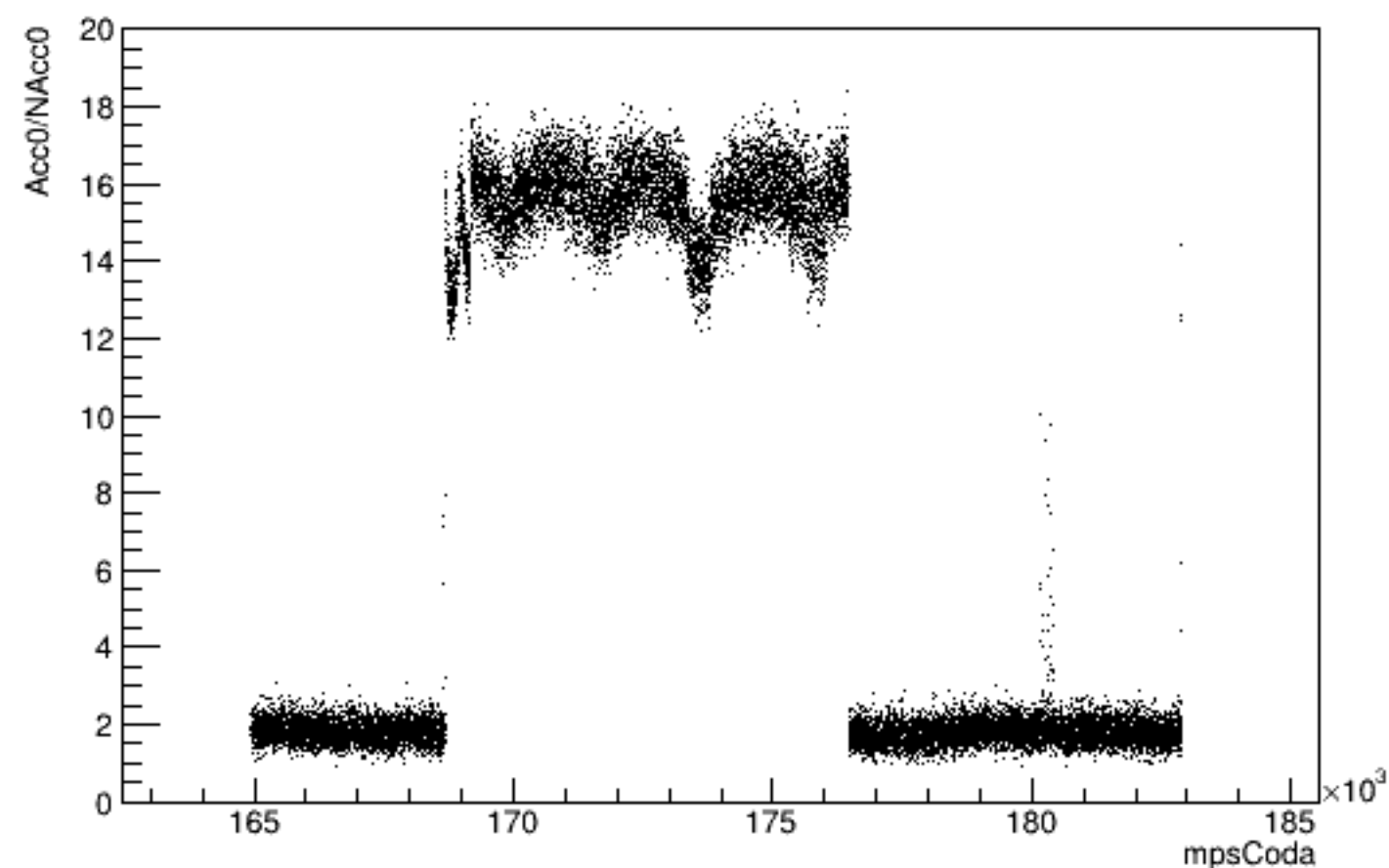
Cycle 5, Asyms

Entries: 919	Entries: 1944	Entries: 1580
Mean: 0.0004 +/- 0.0003	Mean: 0.0309 +/- 0.0004	Mean: -0.0002 +/- 0.0003
Std Dev: 0.0097 +/- 0.0002	Std Dev: 0.0187 +/- 0.0003	Std Dev: 0.0100 +/- 0.0002

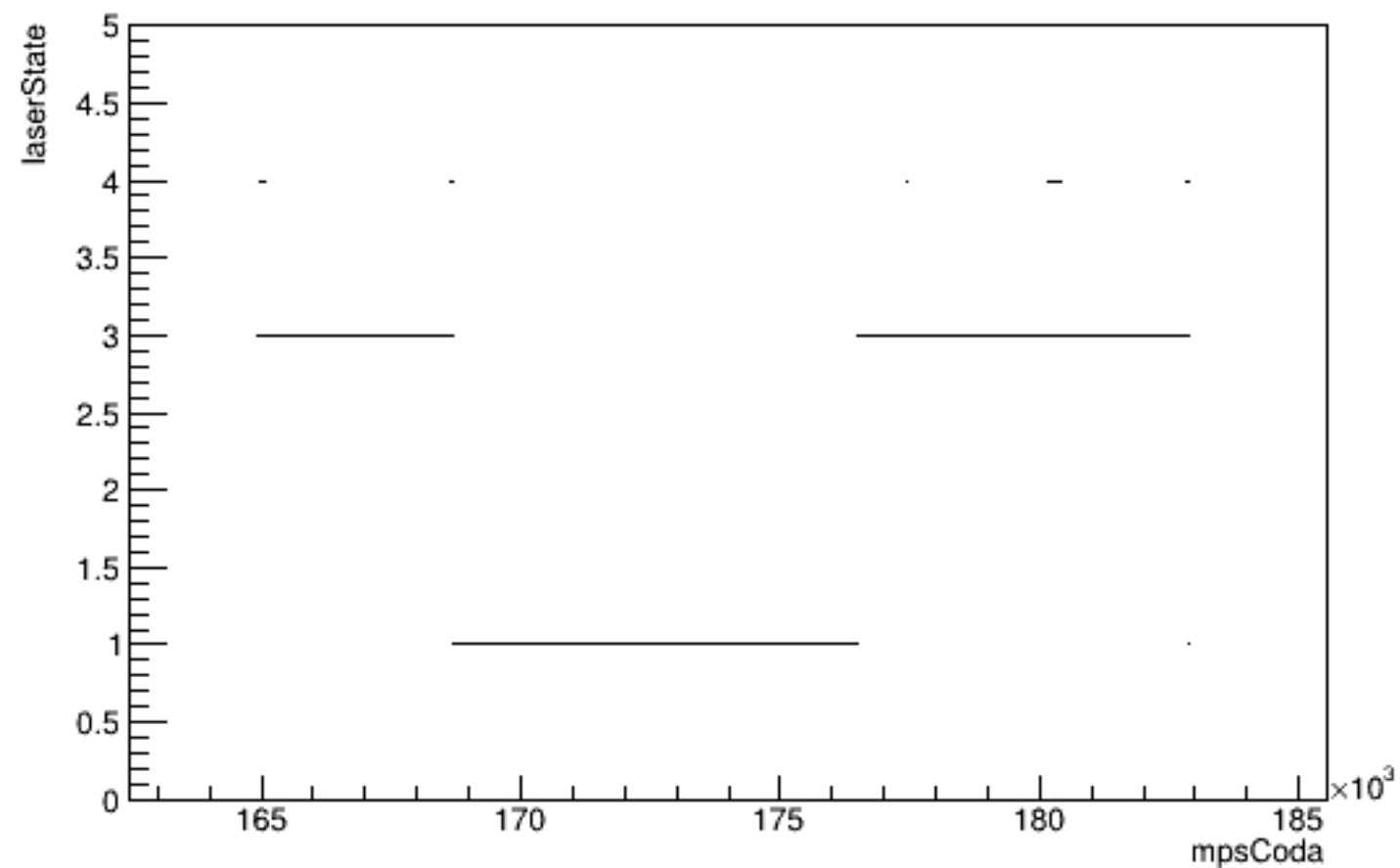
Run 5338 quartetwise, Asyms



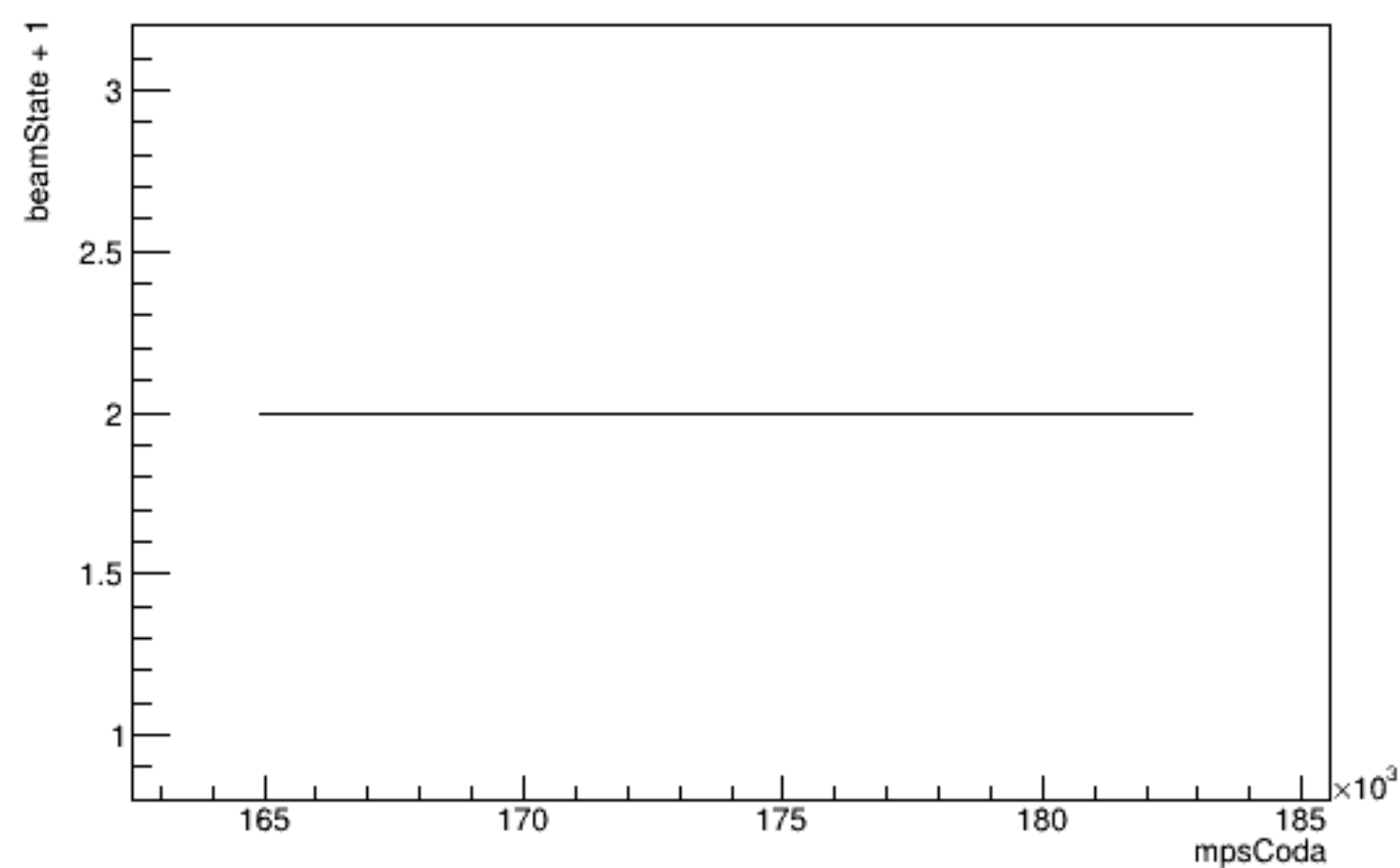
Acc0/NAcc0:mpsCoda (mpsCoda>=164943 && mpsCoda<=182894 && beamState==1)



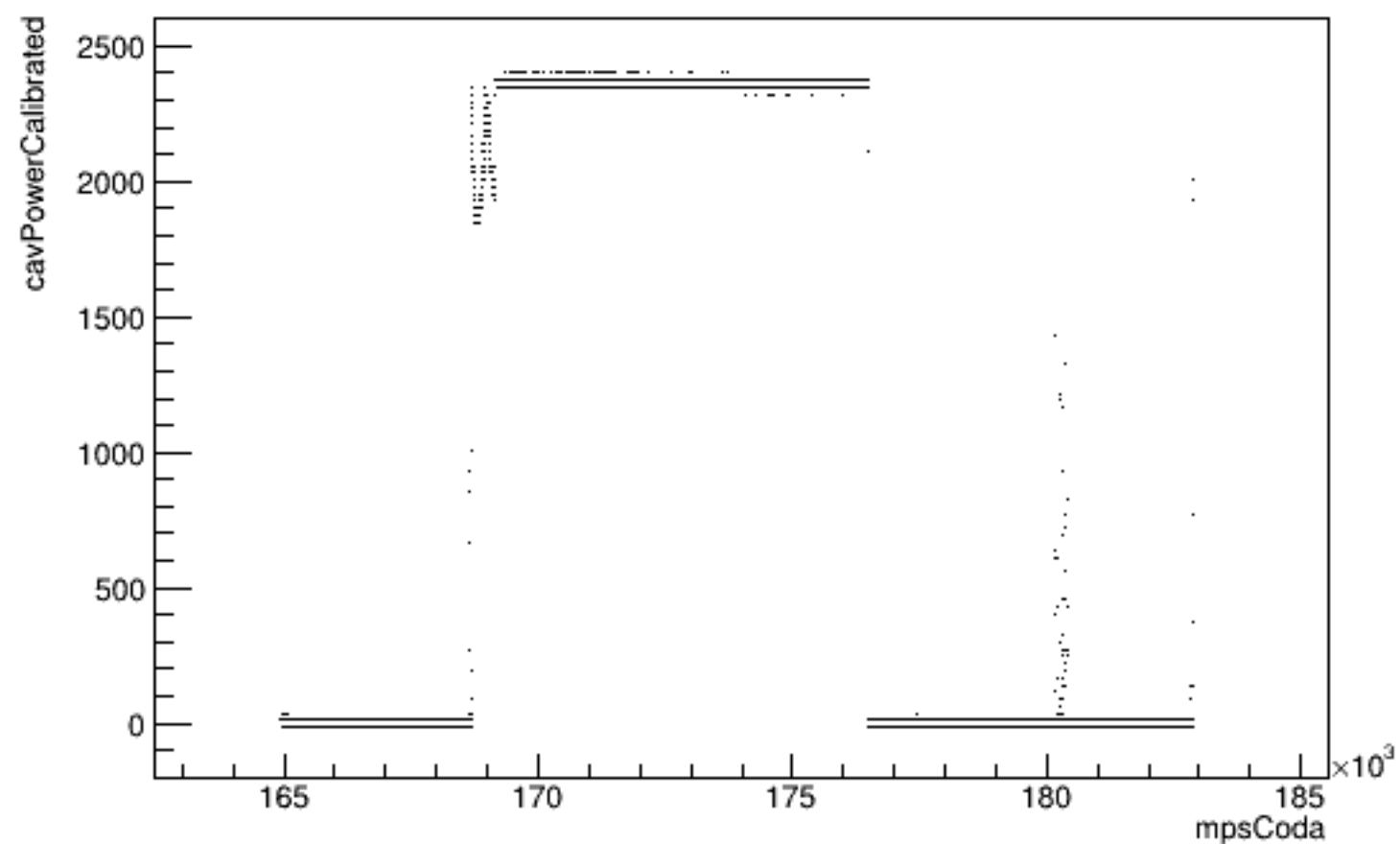
laserState:mpsCoda {mpsCoda>=164943 && mpsCoda<=182894}



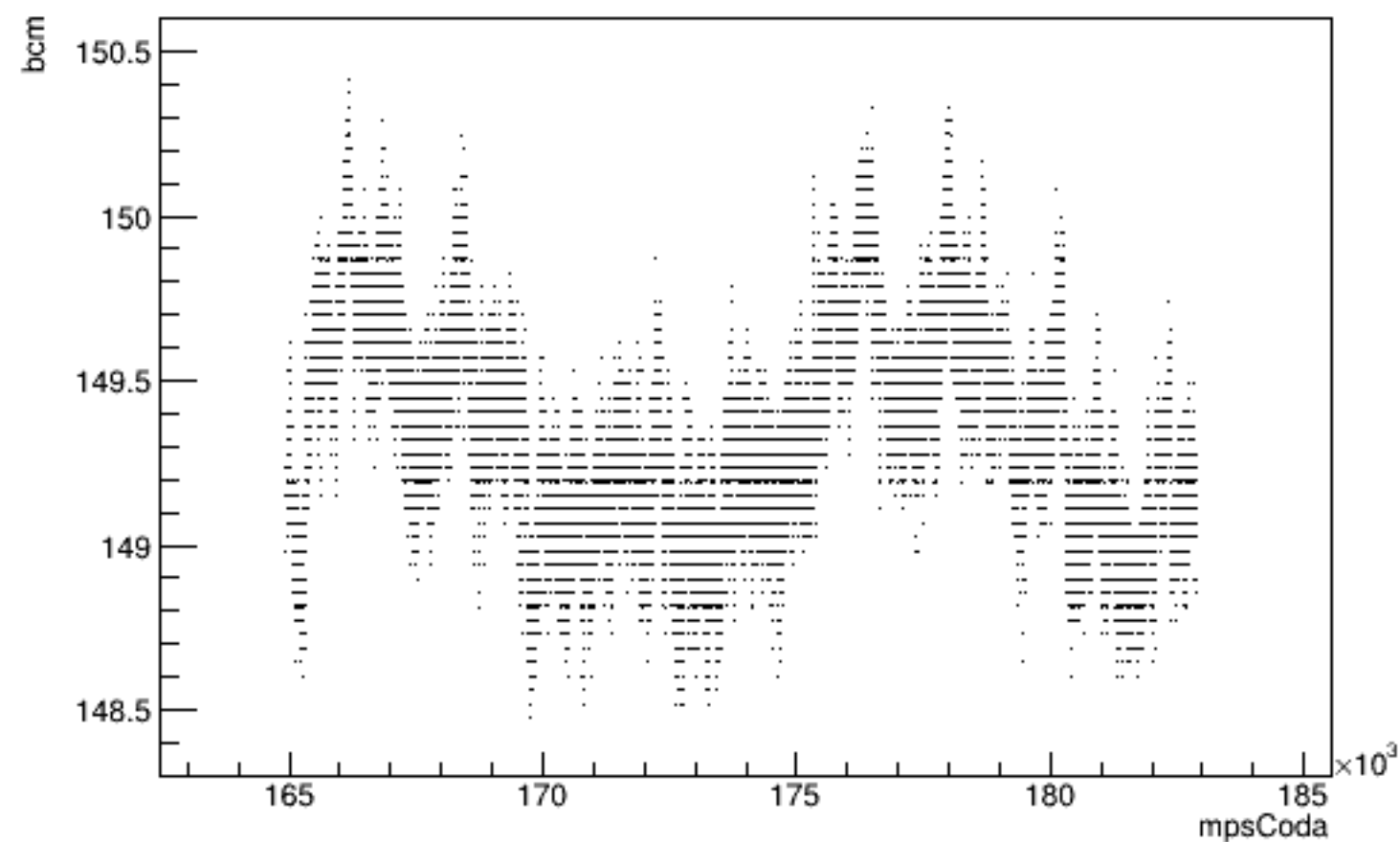
beamState + 1:mpsCoda {mpsCoda>=164943 && mpsCoda<=182894}



cavPowerCalibrated:mpsCoda {mpsCoda>=164943 && mpsCoda<=182894}



bcm:mpsCoda {mpsCoda>=164943 && mpsCoda<=182894}



Cycle 6, Diffs

Entries: 1580

Mean: -0.0050 +/- 0.0069

Std Dev: 0.2750 +/- 0.0049

Entries: 1947

Mean: 0.8670 +/- 0.0115

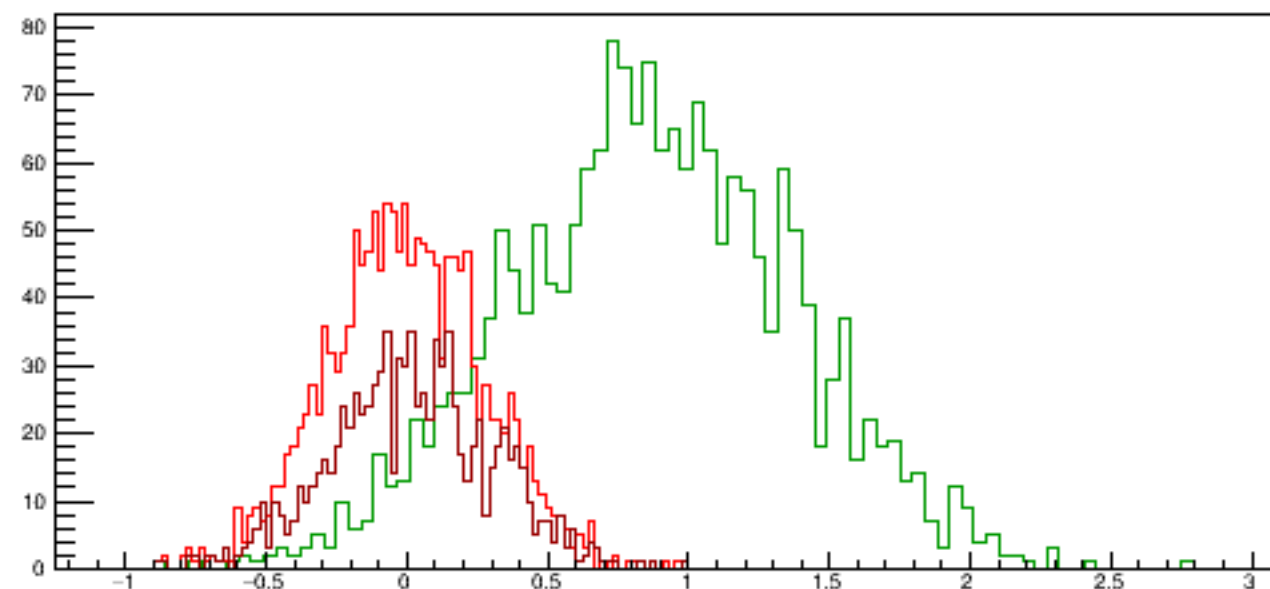
Std Dev: 0.5059 +/- 0.0081

Entries: 929

Mean: 0.0152 +/- 0.0094

Std Dev: 0.2867 +/- 0.0067

Run 5338 quartetwise, Diffs



Cycle 6, Sums

Entries: 1580

Mean: 3.6126 +/- 0.0081

Std Dev: 0.3228 +/- 0.0057

Entries: 1947

Mean: 30.5329 +/- 0.0423

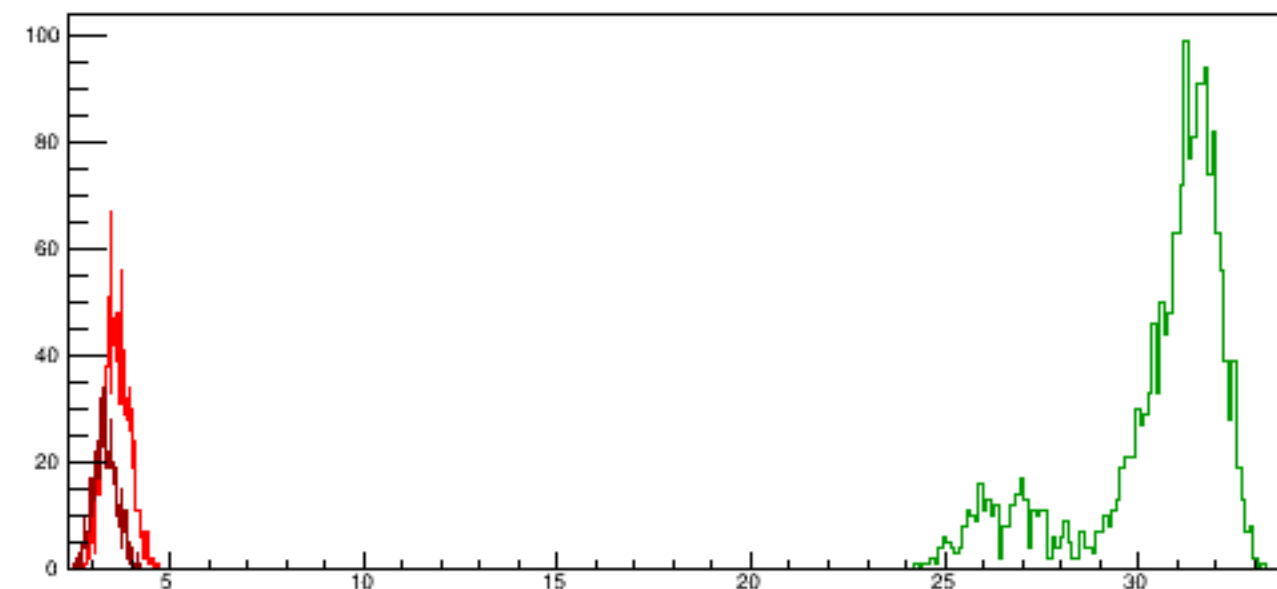
Std Dev: 1.8652 +/- 0.0299

Entries: 929

Mean: 3.3139 +/- 0.0098

Std Dev: 0.2982 +/- 0.0069

Run 5338 quartetwise, Sums



Cycle 6, Asyms

Entries: 1580

Mean: -0.0002 +/- 0.0003

Std Dev: 0.0102 +/- 0.0002

Entries: 1947

Mean: 0.0320 +/- 0.0004

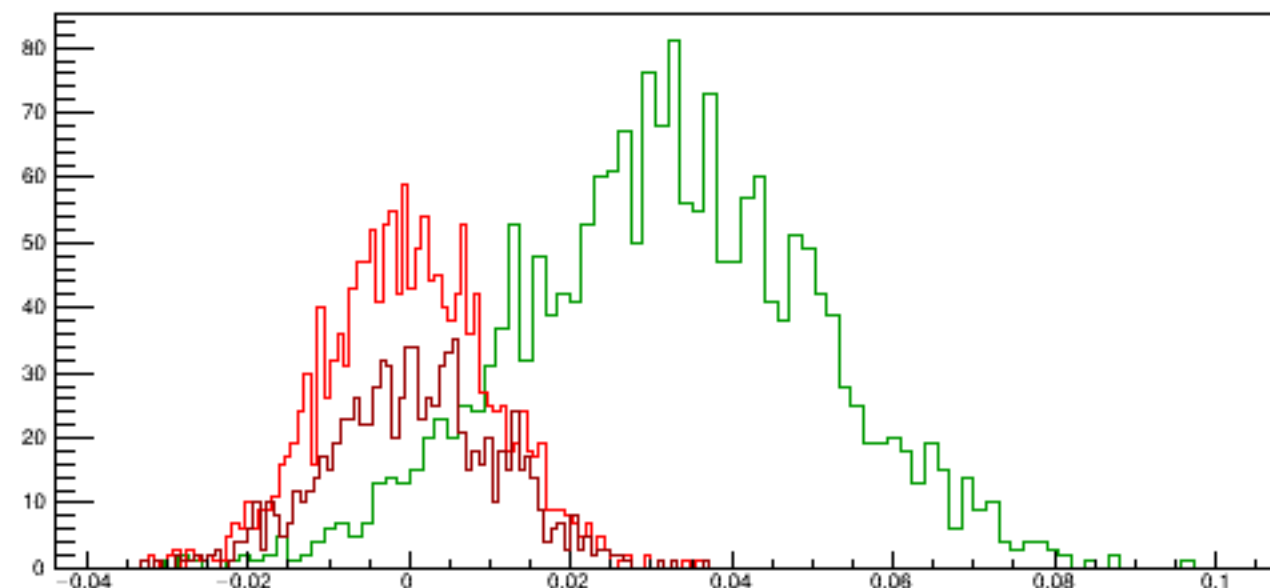
Std Dev: 0.0187 +/- 0.0003

Entries: 929

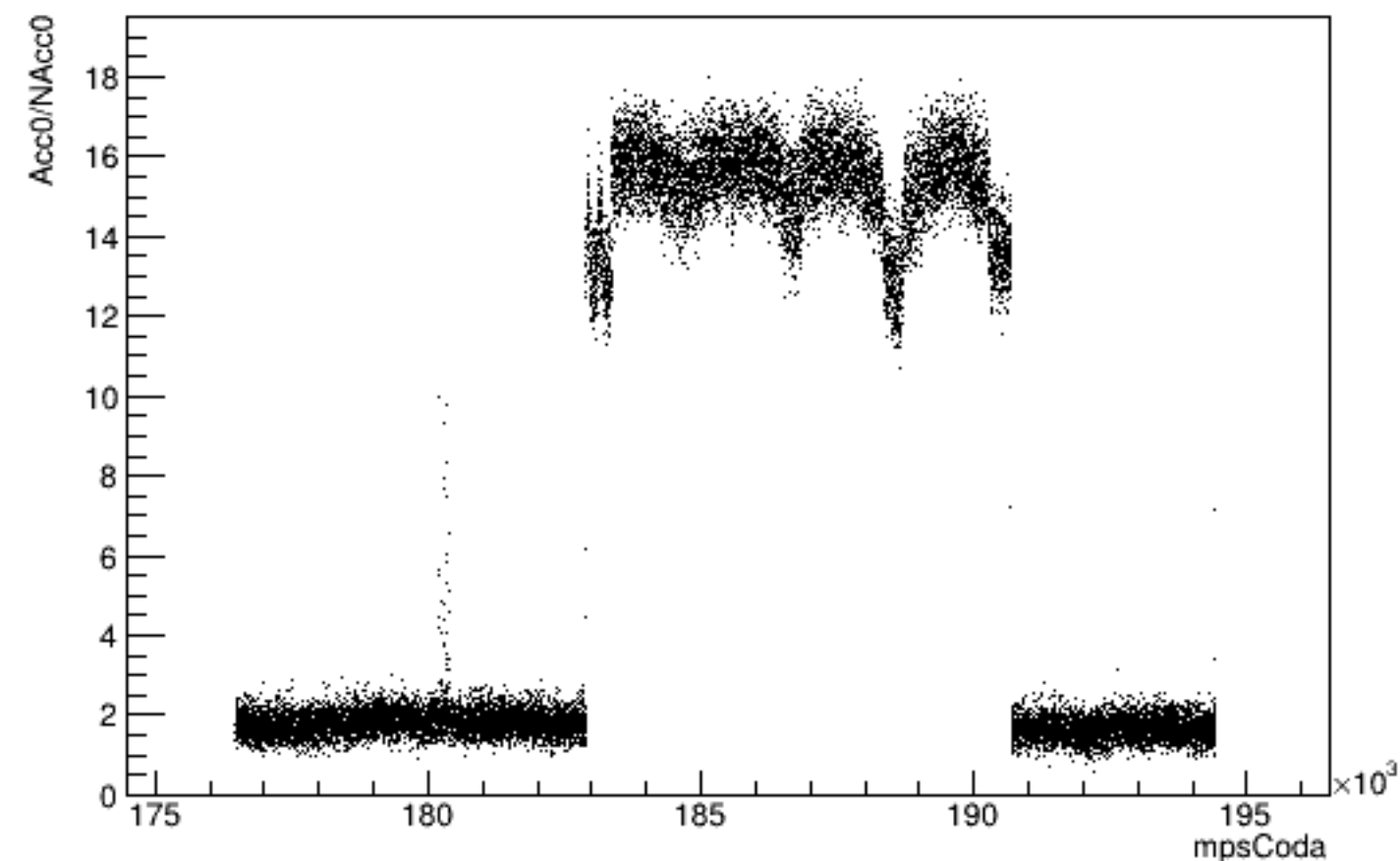
Mean: 0.0006 +/- 0.0003

Std Dev: 0.0106 +/- 0.0002

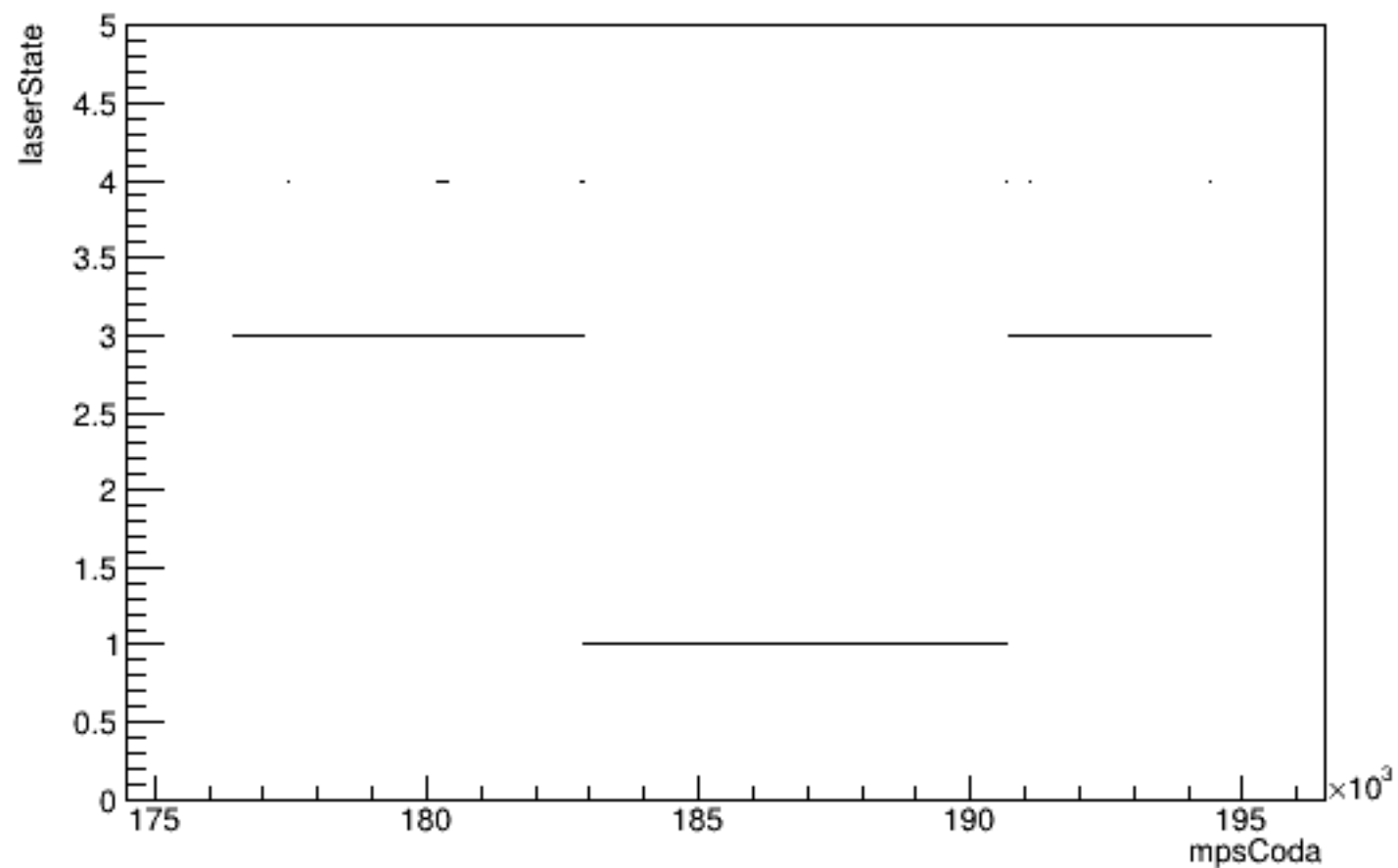
Run 5338 quartetwise, Asyms



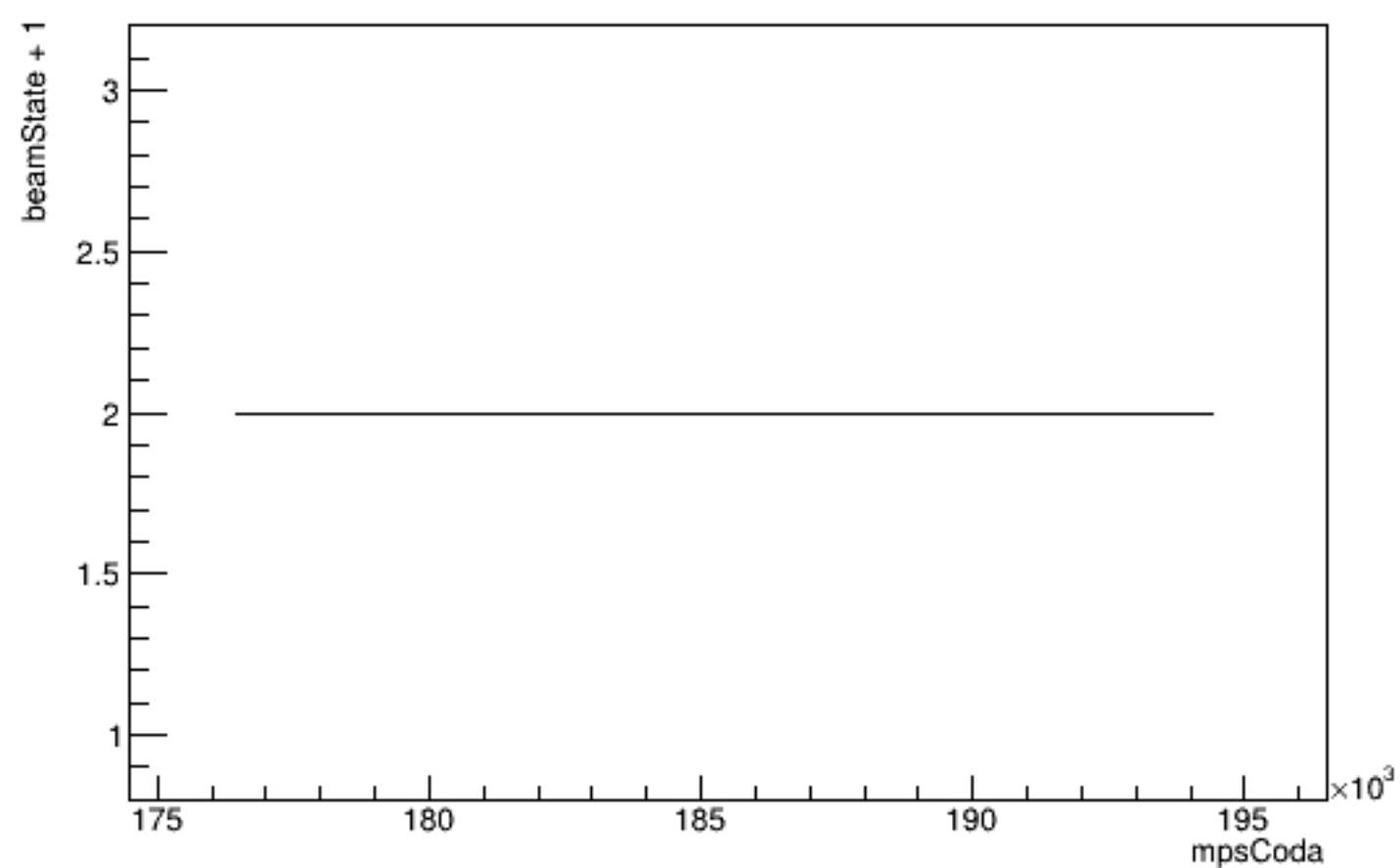
Acc0/NAcc0:mpsCoda (mpsCoda>=176471 && mpsCoda<=194426 && beamState==1)



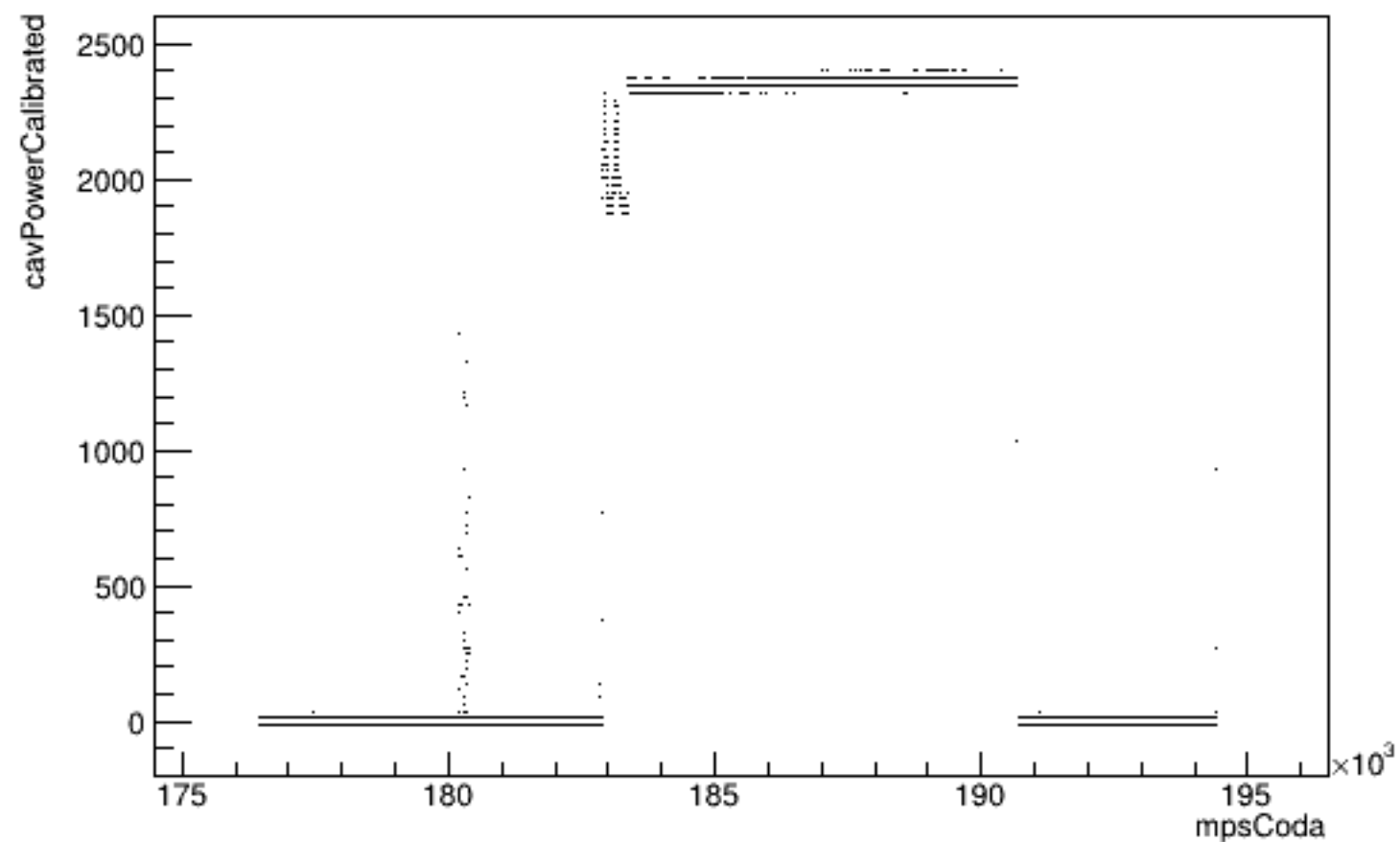
laserState:mpsCoda {mpsCoda>=176471 && mpsCoda<=194426}



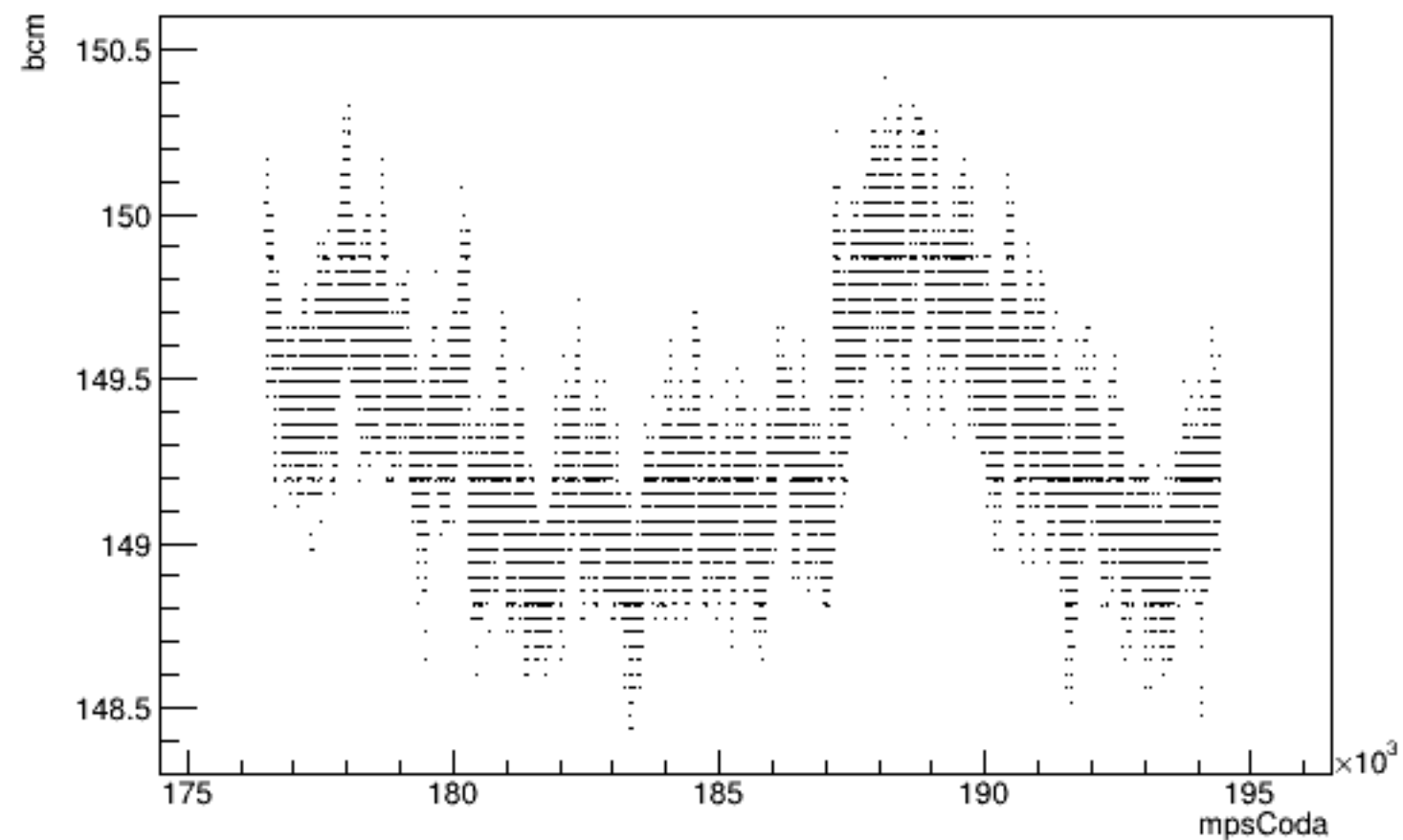
beamState + 1:mpsCoda {mpsCoda>=176471 && mpsCoda<=194426}



cavPowerCalibrated:mpsCoda {mpsCoda>=176471 && mpsCoda<=194426}



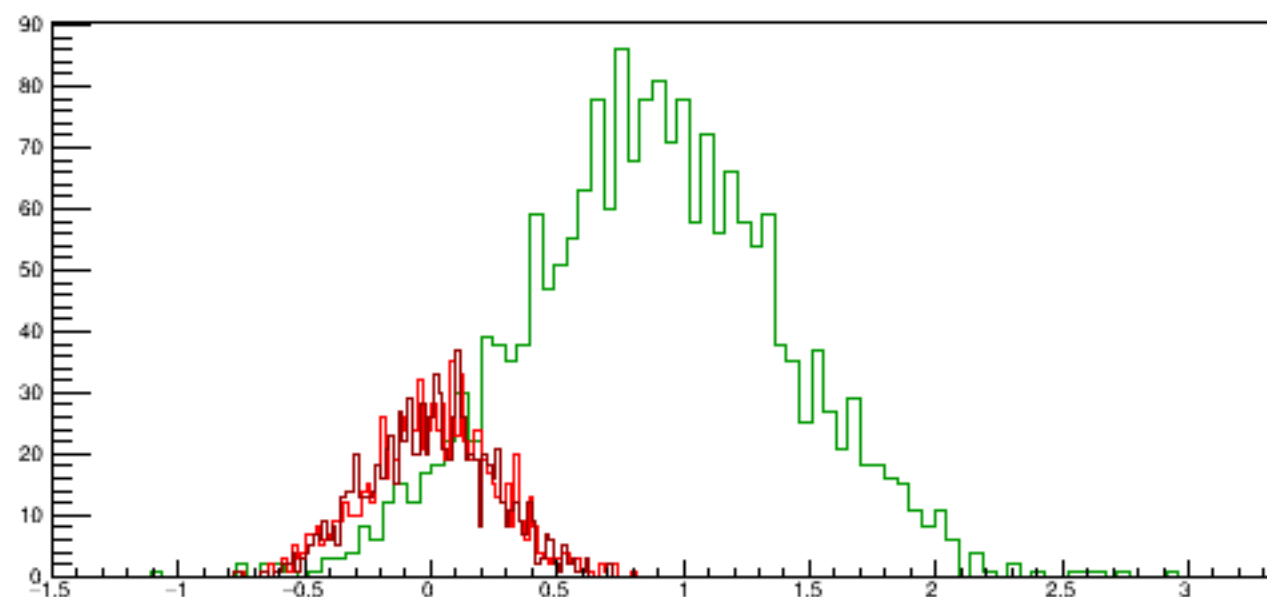
bcm:mpsCoda {mpsCoda>=176471 && mpsCoda<=194426}



Cycle 7, Diffs

Entries: 919	Entries: 1957	Entries: 918
Mean: 0.0073 +/- 0.0084	Mean: 0.8806 +/- 0.0117	Mean: -0.0008 +/- 0.0082
Std Dev: 0.2538 +/- 0.0059	Std Dev: 0.5182 +/- 0.0083	Std Dev: 0.2474 +/- 0.0058

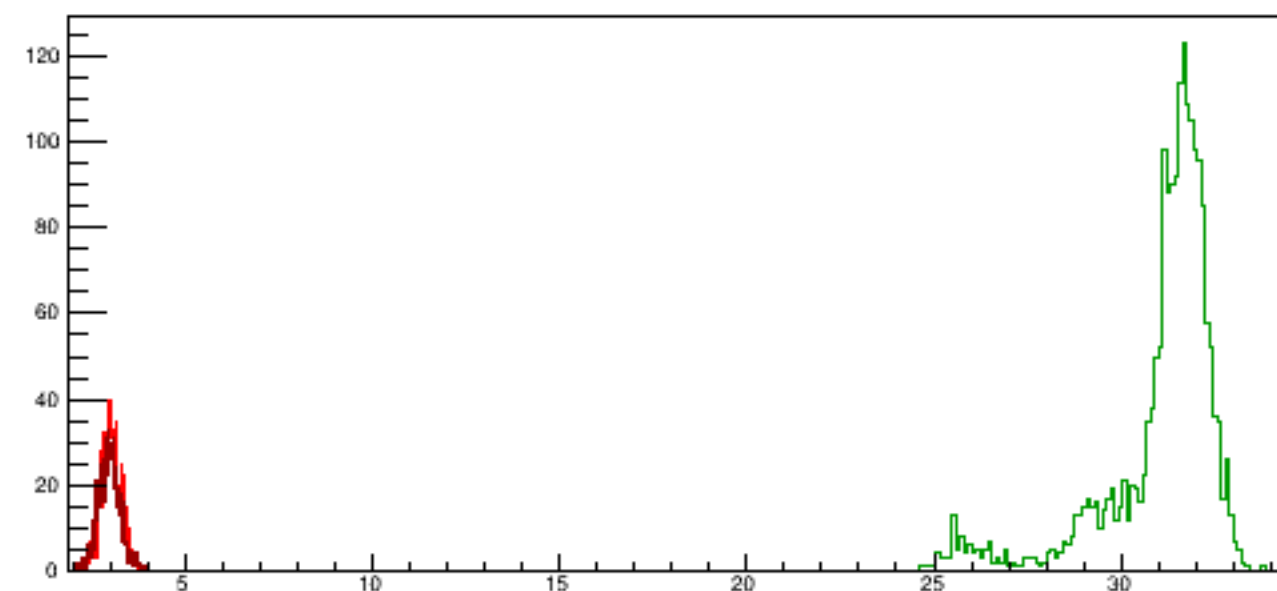
Run 5338 quartetwise, Diffs



Cycle 7, Sums

Entries: 919	Entries: 1957	Entries: 918
Mean: 3.0082 +/- 0.0090	Mean: 31.0908 +/- 0.0346	Mean: 2.9475 +/- 0.0098
Std Dev: 0.2740 +/- 0.0064	Std Dev: 1.5305 +/- 0.0245	Std Dev: 0.2954 +/- 0.0069

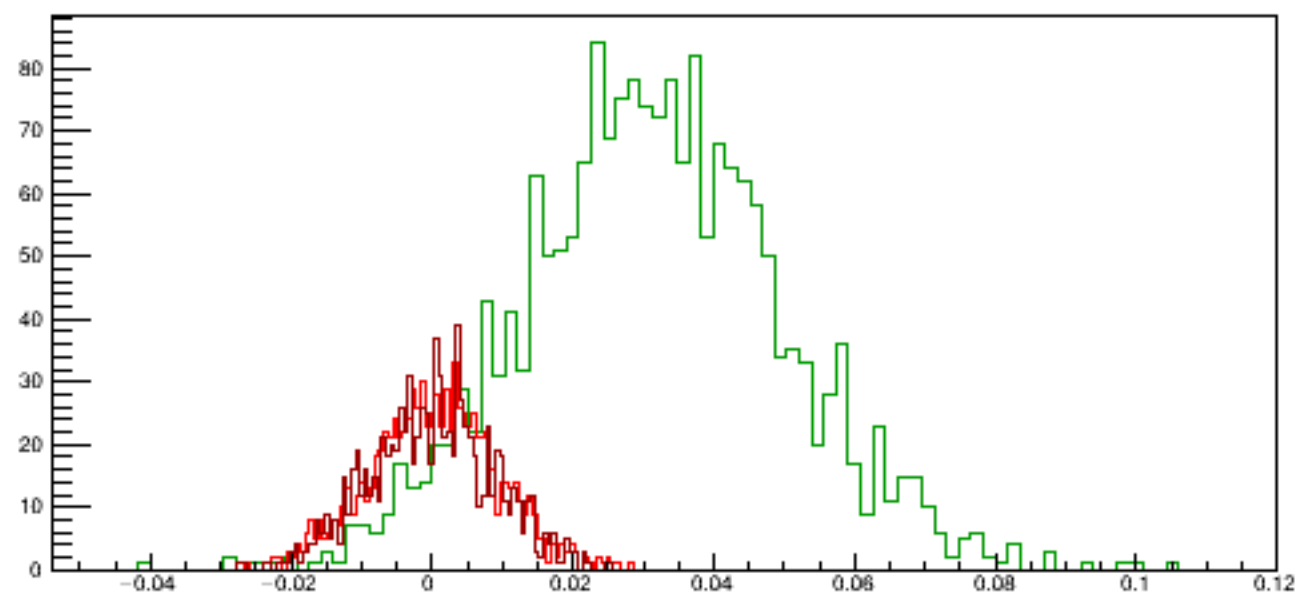
Run 5338 quartetwise, Sums



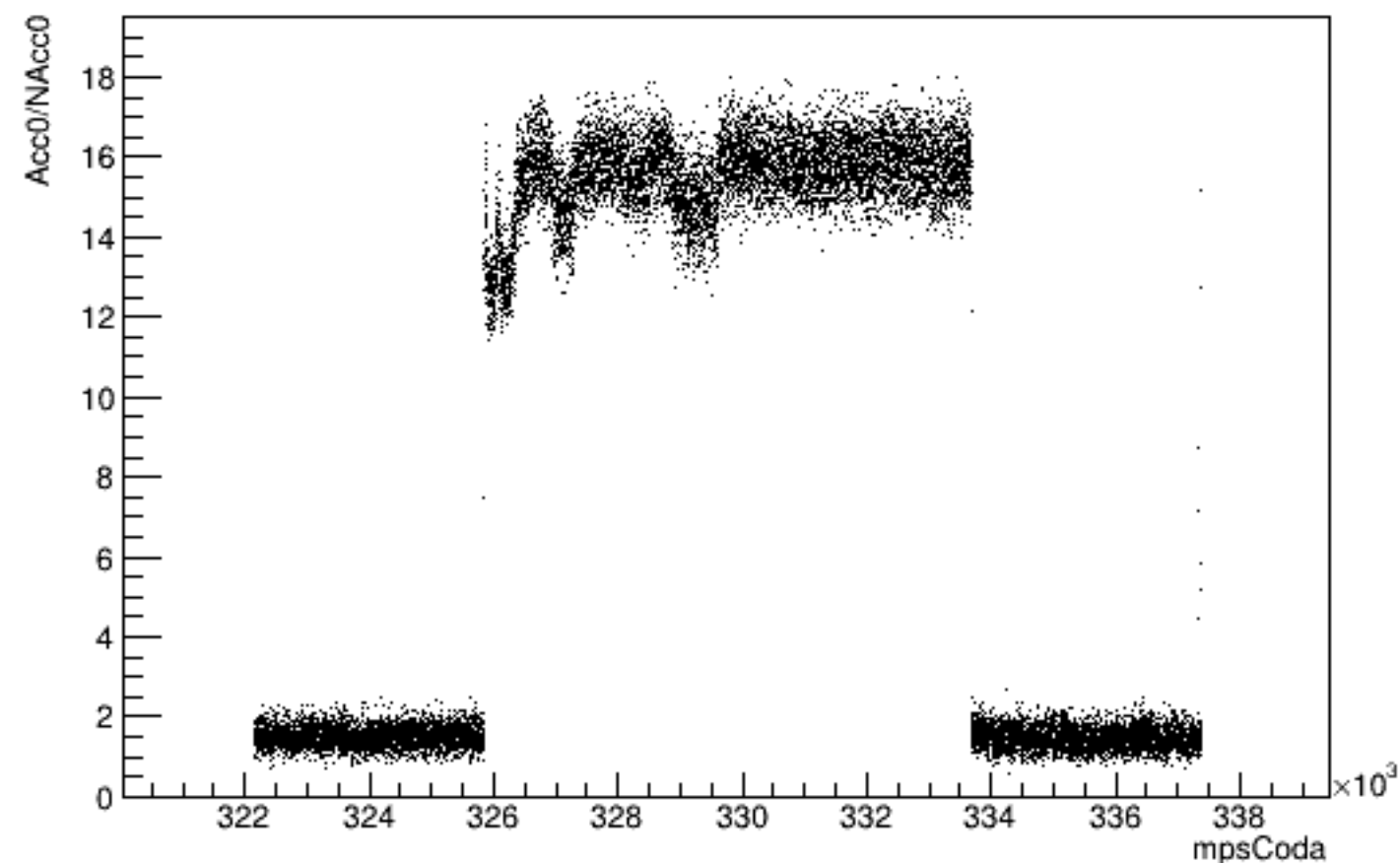
Cycle 7, Asyms

Entries: 919	Entries: 1957	Entries: 918
Mean: 0.0003 +/- 0.0003	Mean: 0.0314 +/- 0.0004	Mean: -0.0000 +/- 0.0003
Std Dev: 0.0090 +/- 0.0002	Std Dev: 0.0186 +/- 0.0003	Std Dev: 0.0088 +/- 0.0002

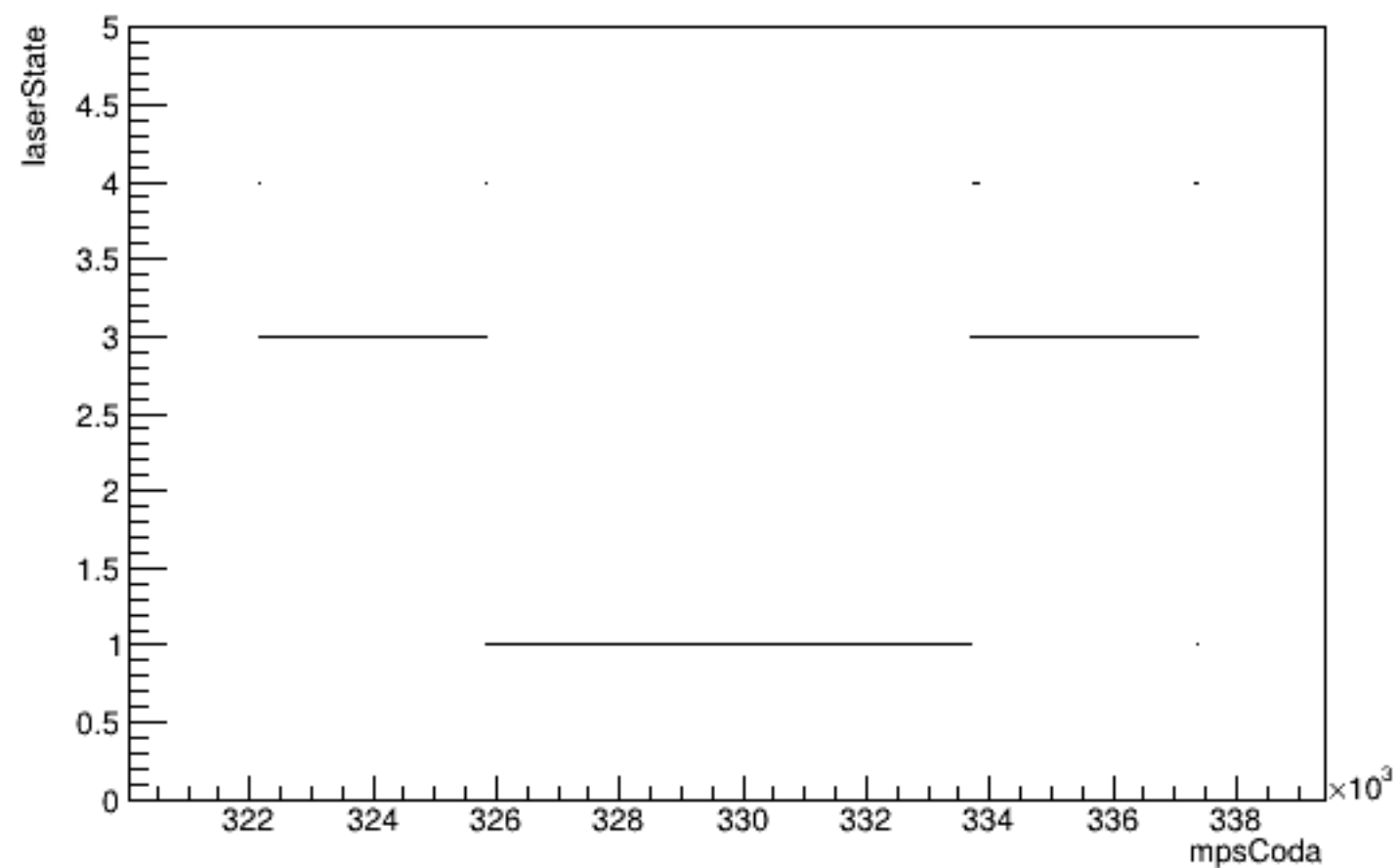
Run 5338 quartetwise, Asyms



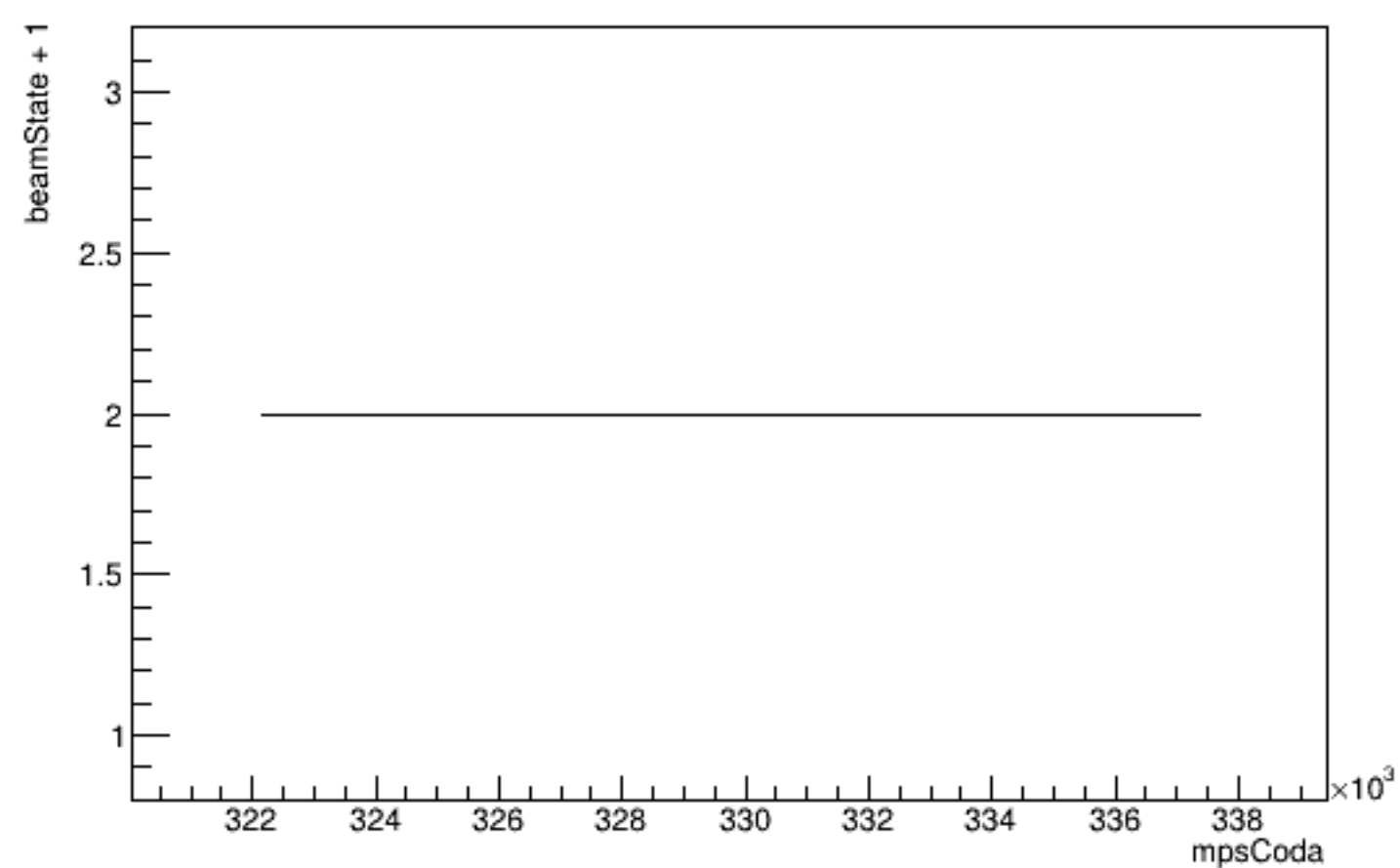
Acc0/NAcc0:mpsCoda (mpsCoda>=322159 && mpsCoda<=337378 && beamState==1)



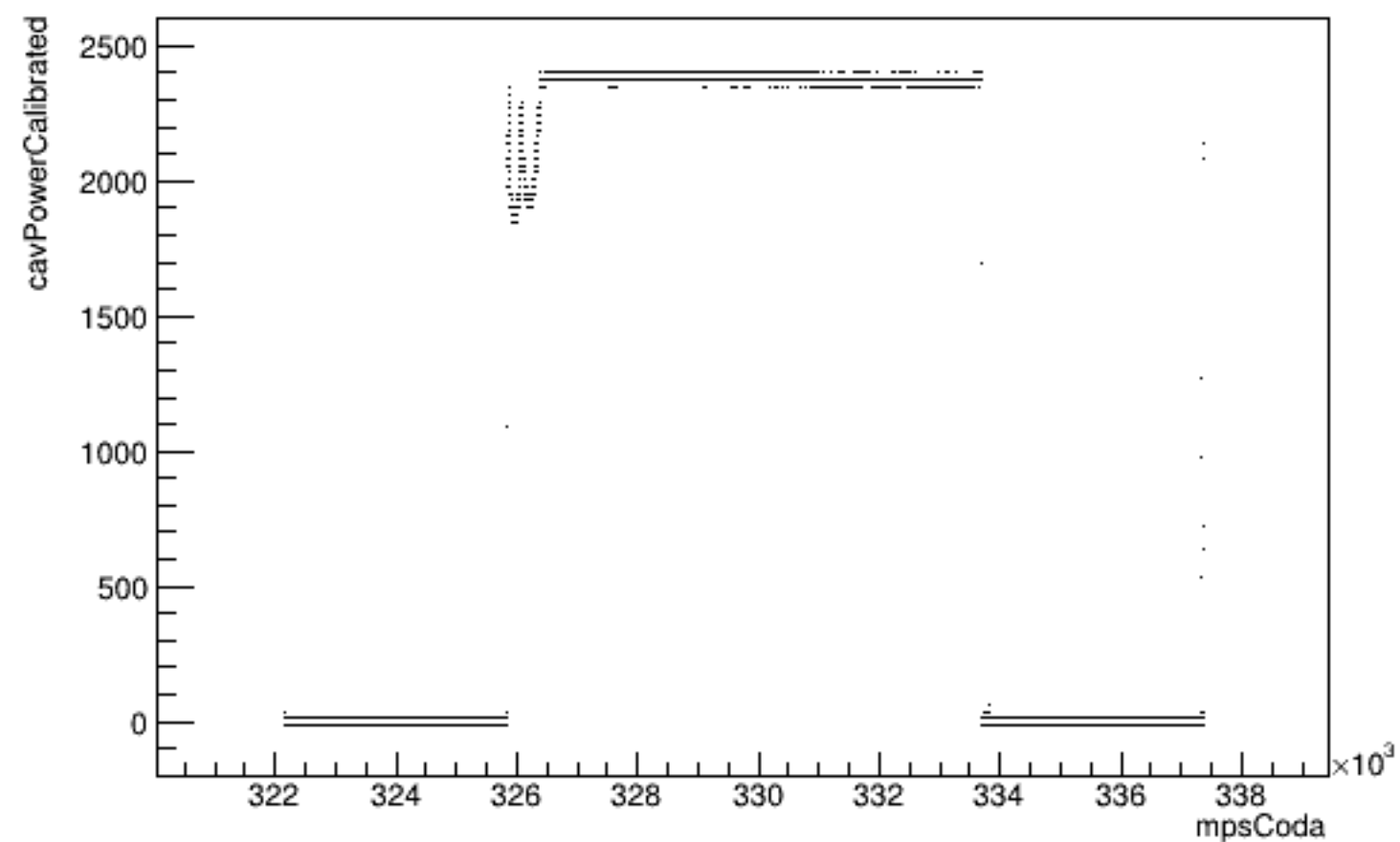
laserState:mpsCoda {mpsCoda>=322159 && mpsCoda<=337378}



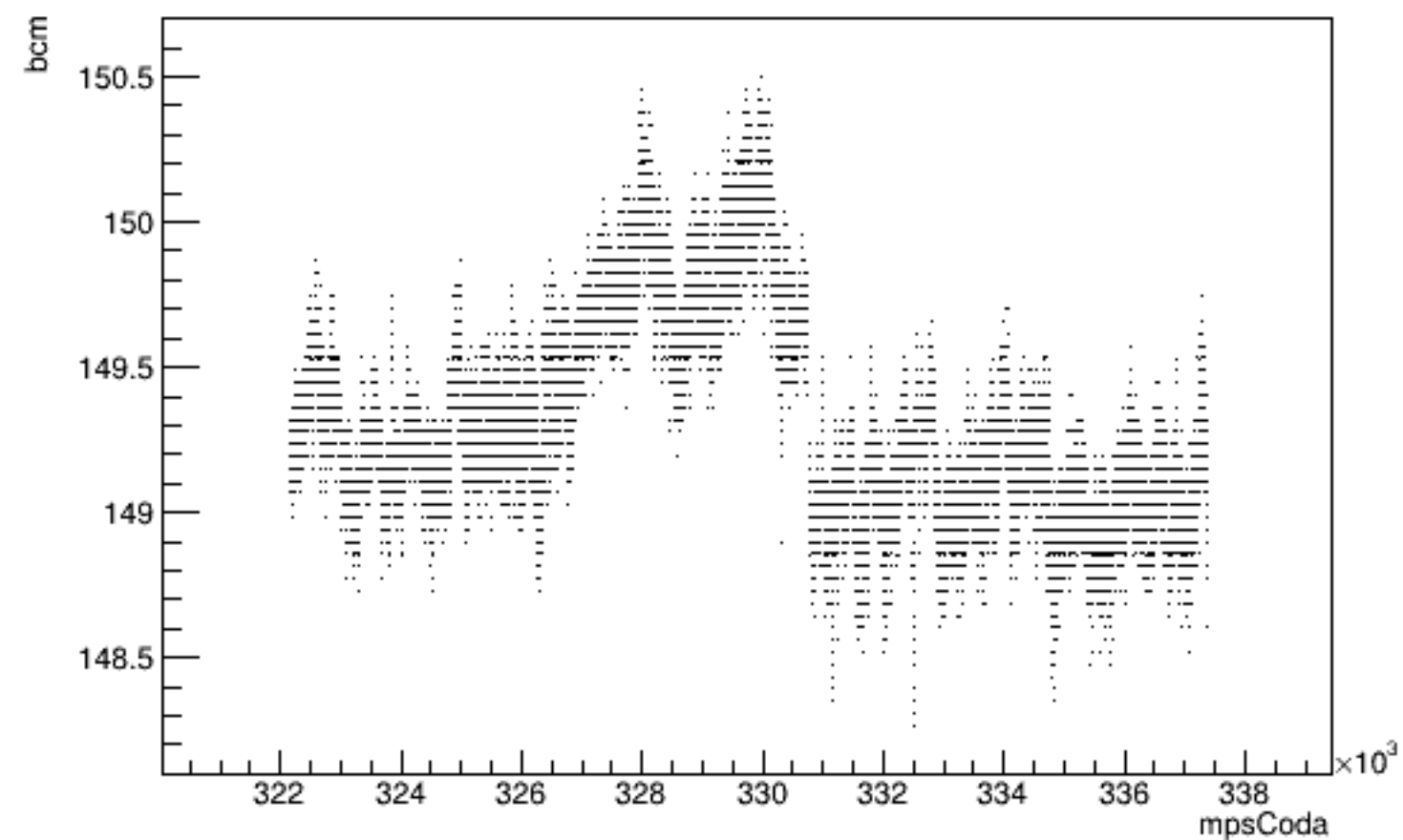
beamState + 1:mpsCoda {mpsCoda>=322159 && mpsCoda<=337378}



cavPowerCalibrated:mpsCoda {mpsCoda>=322159 && mpsCoda<=337378}



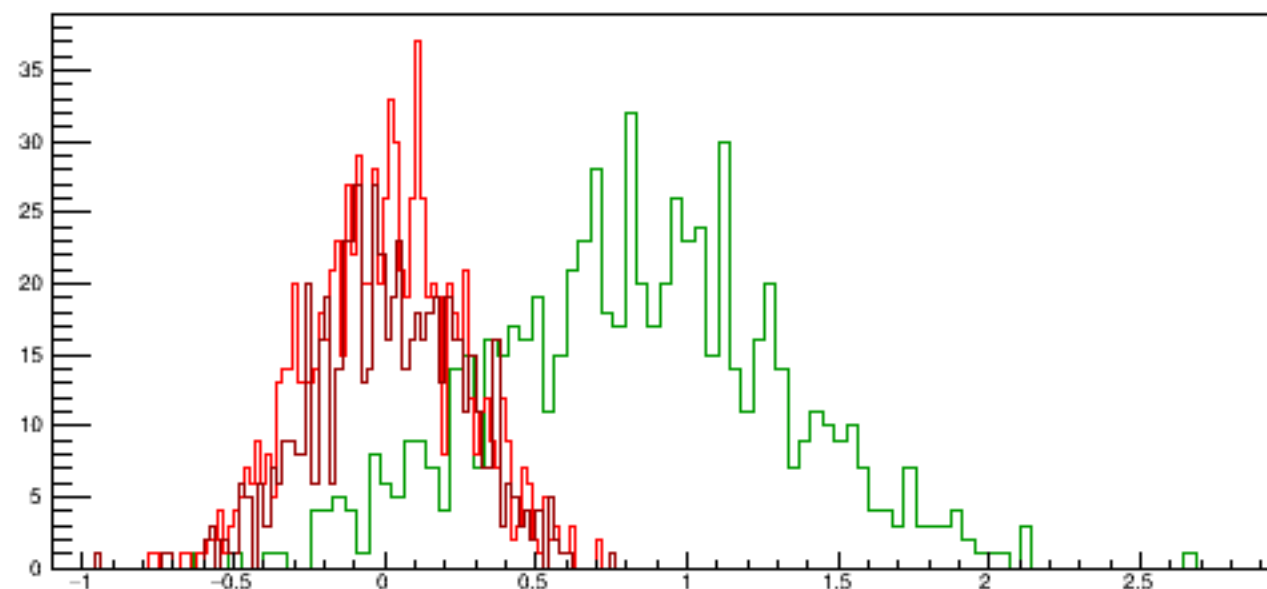
bcm:mpsCoda {mpsCoda>=322159 && mpsCoda<=337378}



Cycle 8, Diffs

Entries: 918	Entries: 707	Entries: 636
Mean: -0.0008 +/- 0.0082	Mean: 0.8366 +/- 0.0183	Mean: 0.0153 +/- 0.0097
Std Dev: 0.2474 +/- 0.0058	Std Dev: 0.4862 +/- 0.0129	Std Dev: 0.2450 +/- 0.0069

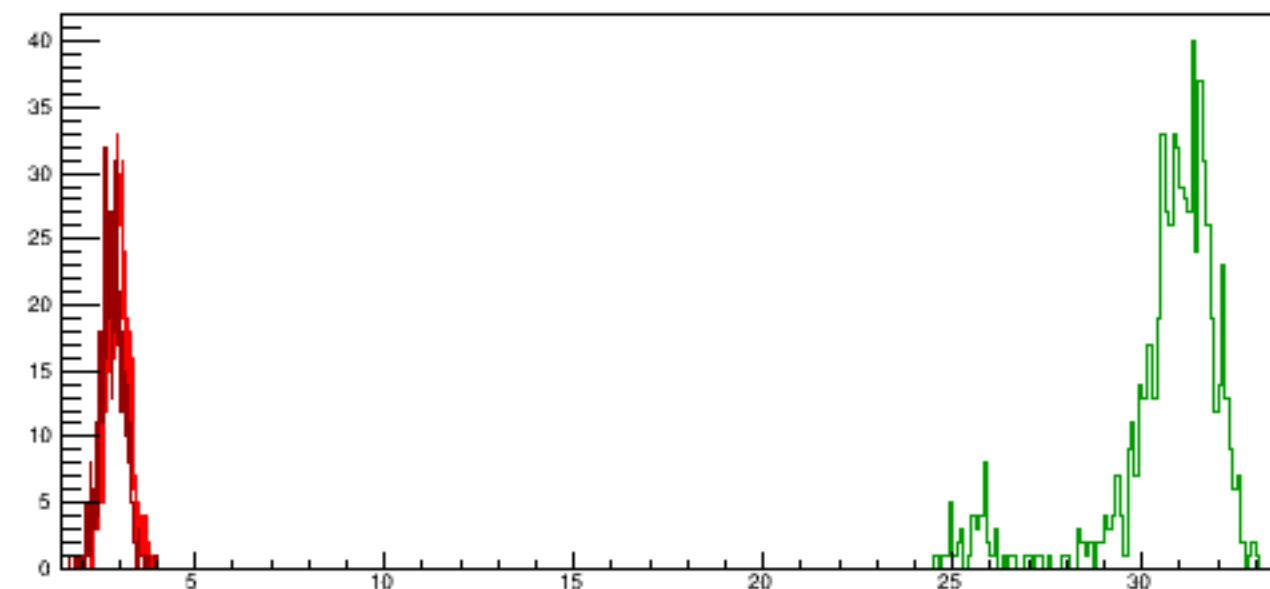
Run 5338 quartetwise, Diffs



Cycle 8, Sums

Entries: 918	Entries: 707	Entries: 636
Mean: 2.9475 +/- 0.0098	Mean: 30.6546 +/- 0.0589	Mean: 2.8122 +/- 0.0122
Std Dev: 0.2954 +/- 0.0069	Std Dev: 1.5666 +/- 0.0417	Std Dev: 0.3065 +/- 0.0086

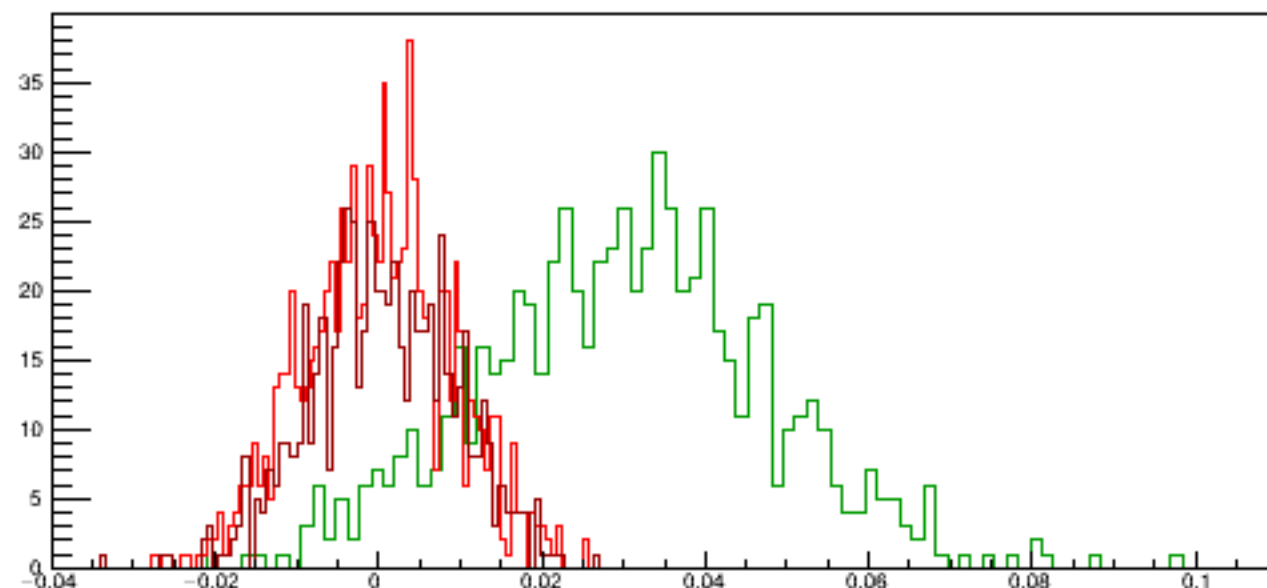
Run 5338 quartetwise, Sums



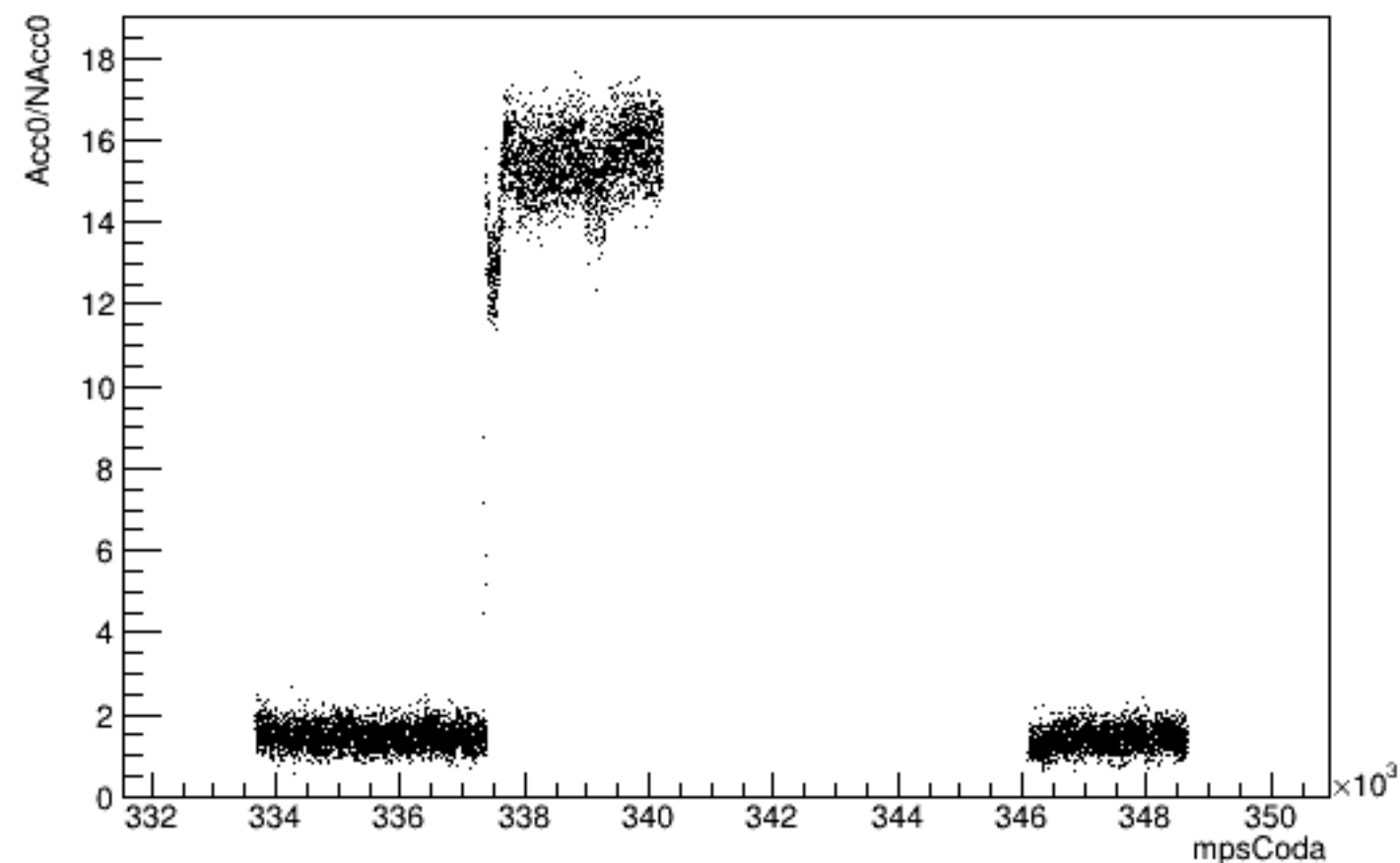
Cycle 8, Asyms

Entries: 918	Entries: 707	Entries: 636
Mean: -0.0000 +/- 0.0003	Mean: 0.0302 +/- 0.0007	Mean: 0.0005 +/- 0.0003
Std Dev: 0.0089 +/- 0.0002	Std Dev: 0.0176 +/- 0.0005	Std Dev: 0.0088 +/- 0.0002

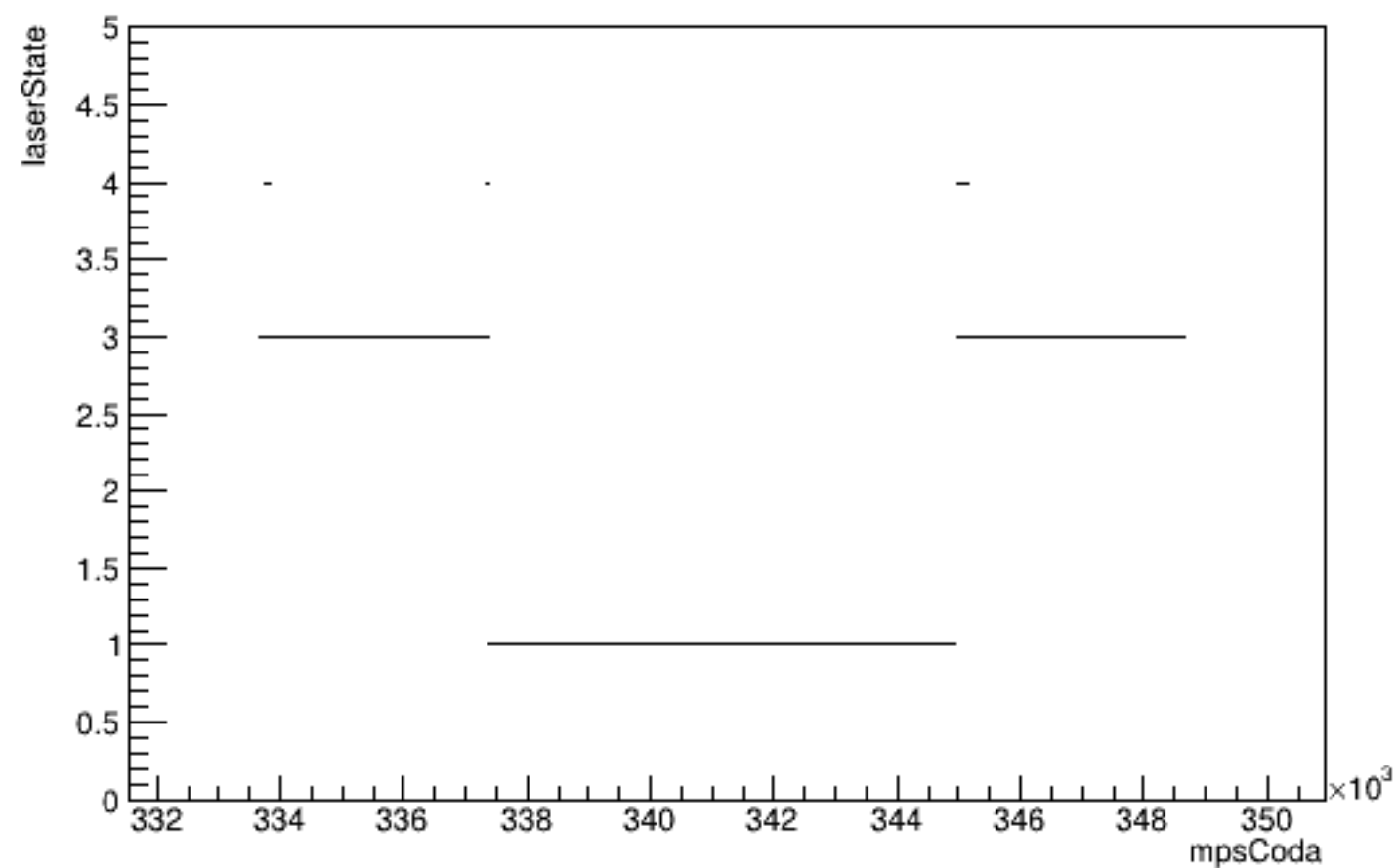
Run 5338 quartetwise, Asyms



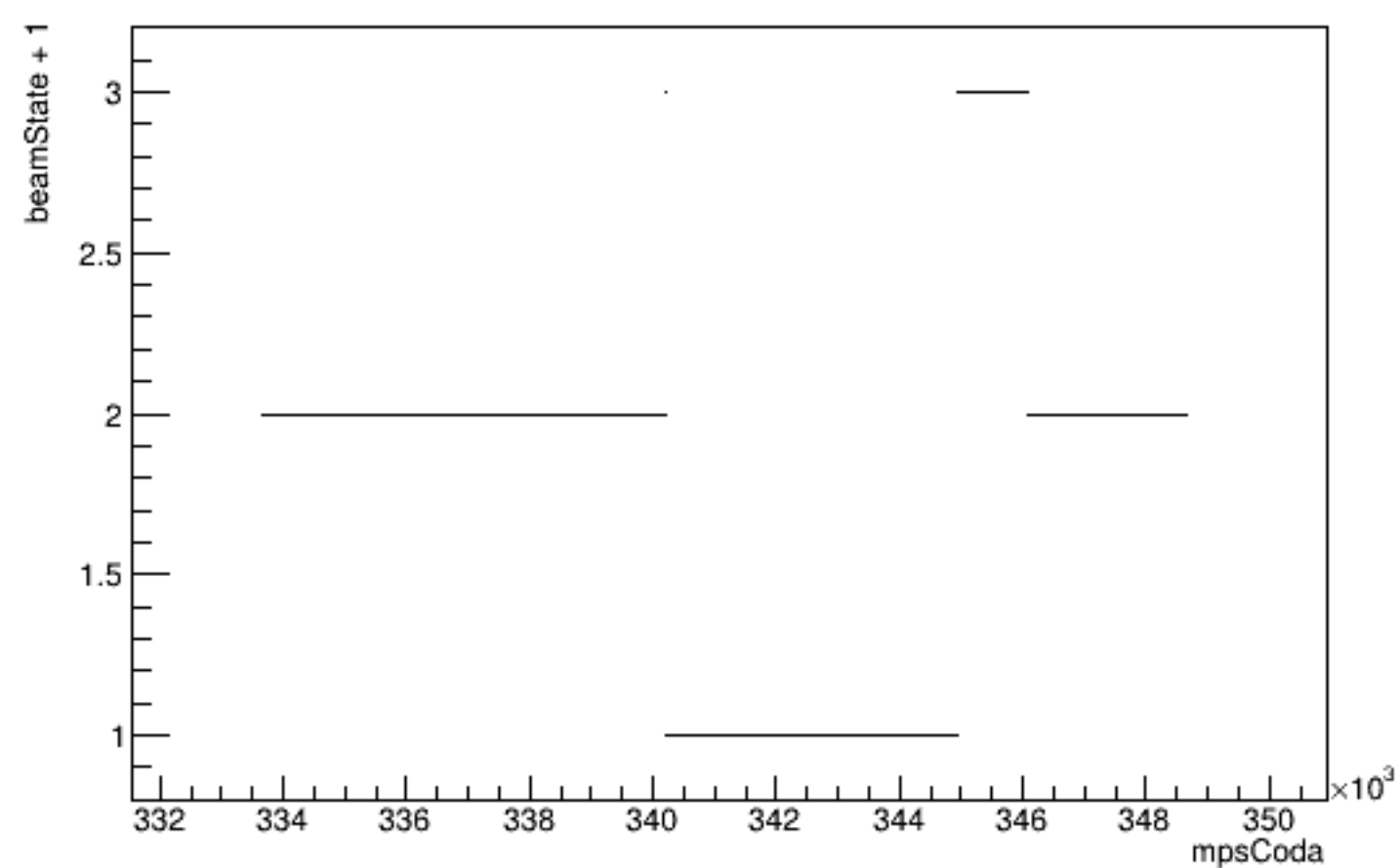
Acc0/NAcc0:mpsCoda (mpsCoda>=333675 && mpsCoda<=348642 && beamState==1)



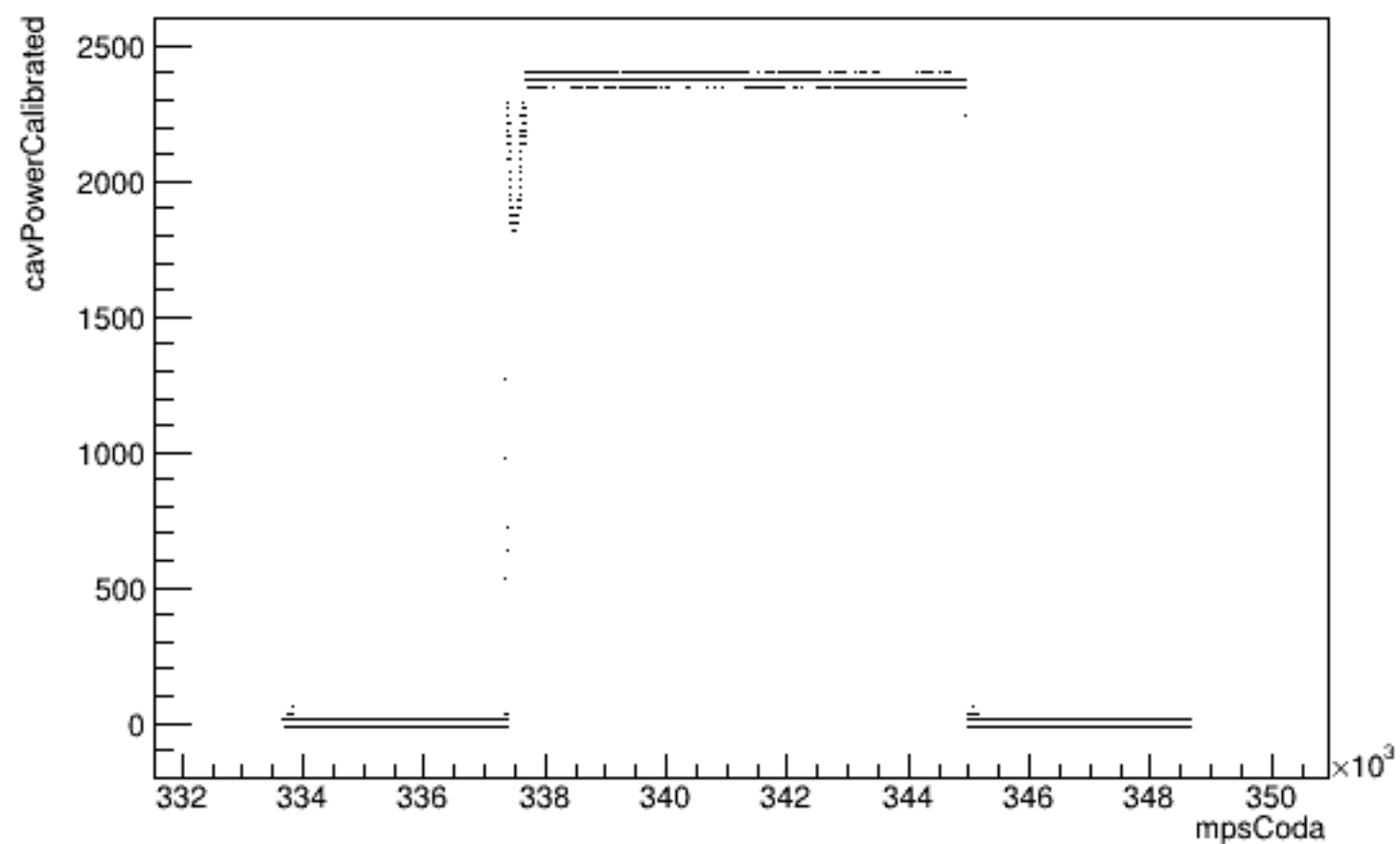
laserState:mpsCoda {mpsCoda>=333675 && mpsCoda<=348642}



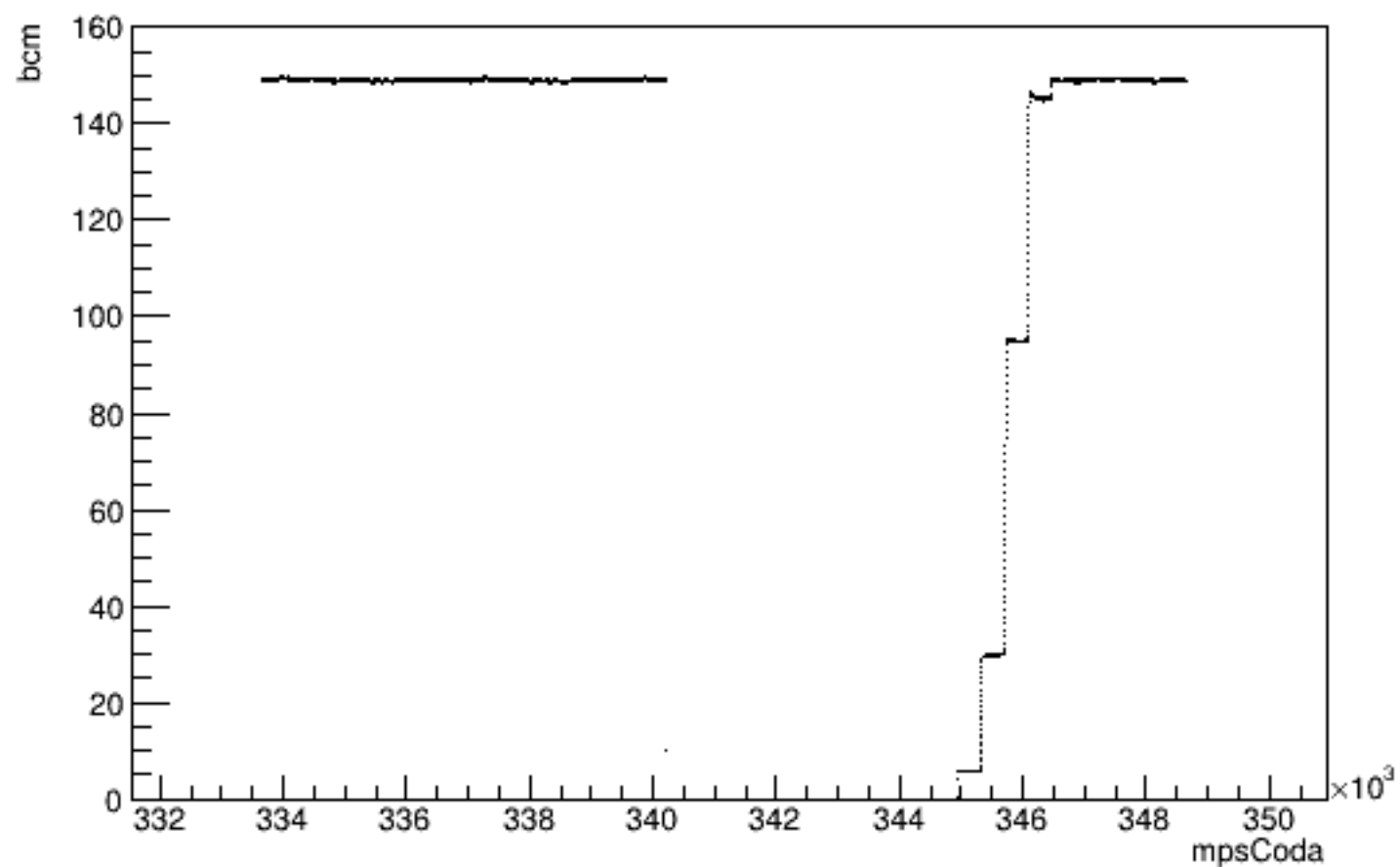
beamState + 1:mpsCoda {mpsCoda>=333675 && mpsCoda<=348642}



cavPowerCalibrated:mpsCoda {mpsCoda>=333675 && mpsCoda<=348642}



bcm:mpsCoda {mpsCoda>=333675 && mpsCoda<=348642}



Cycle 9, Diffs

Entries: 636

Mean: 0.0153 +/- 0.0097

Std Dev: 0.2450 +/- 0.0069

Entries: 1888

Mean: 0.8892 +/- 0.0116

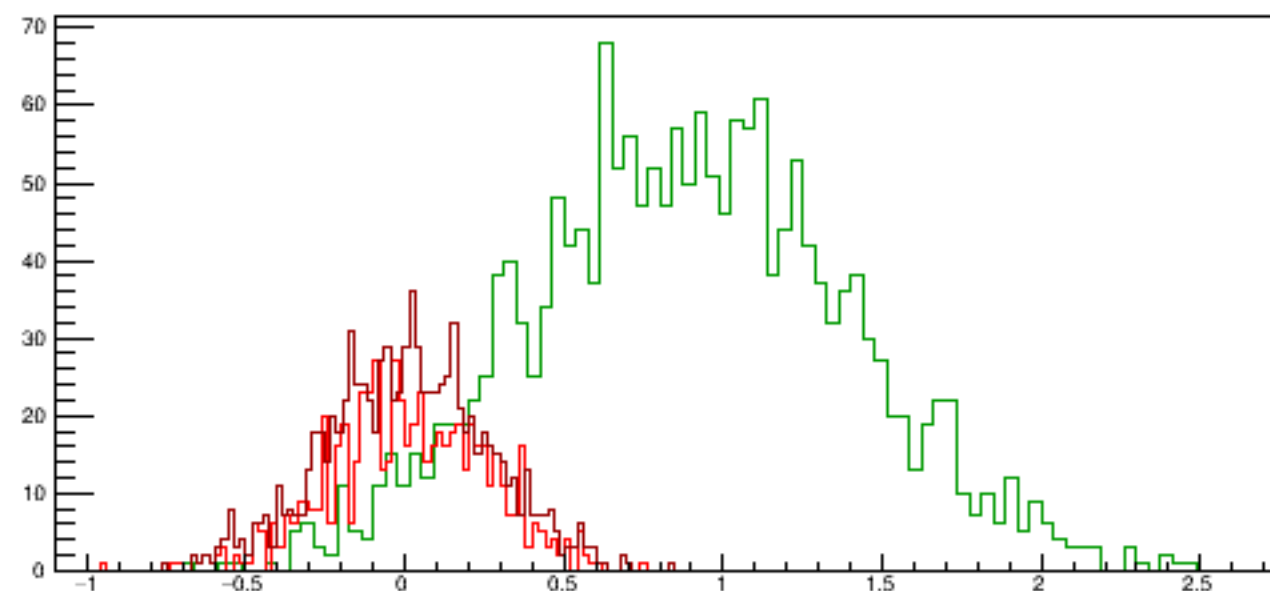
Std Dev: 0.5042 +/- 0.0082

Entries: 920

Mean: 0.0041 +/- 0.0084

Std Dev: 0.2560 +/- 0.0060

Run 5338 quartetwise, Diffs



Cycle 9, Sums

Entries: 636

Mean: 2.8122 +/- 0.0122

Std Dev: 0.3065 +/- 0.0086

Entries: 1888

Mean: 31.1177 +/- 0.0322

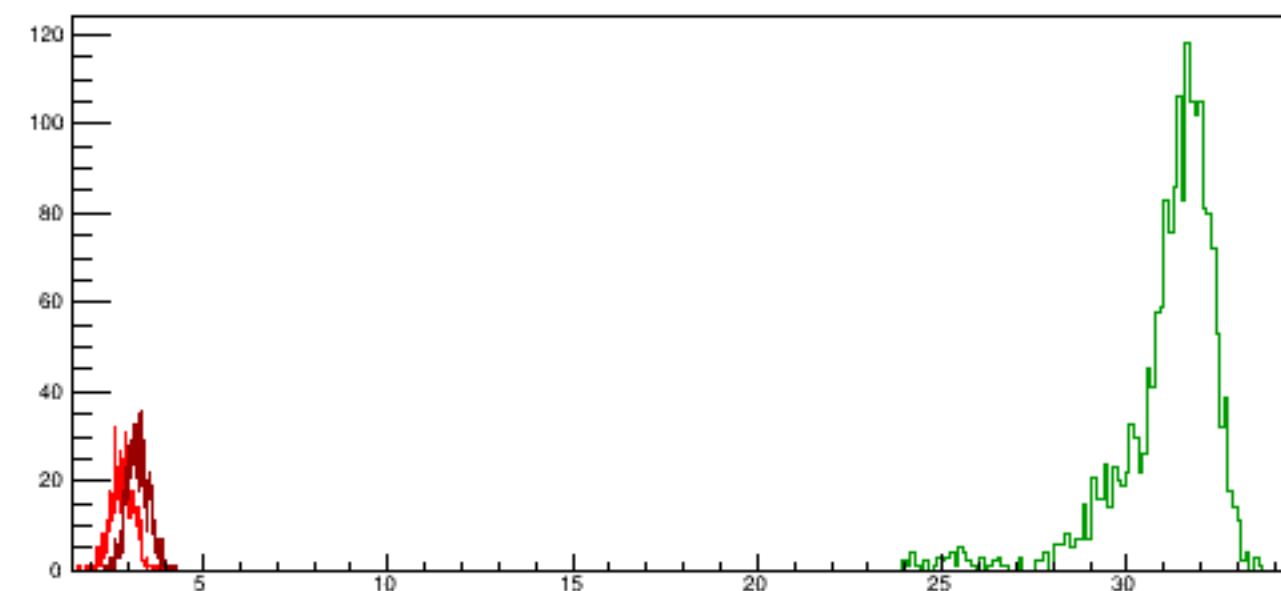
Std Dev: 1.3971 +/- 0.0227

Entries: 920

Mean: 3.2318 +/- 0.0097

Std Dev: 0.2930 +/- 0.0068

Run 5338 quartetwise, Sums



Cycle 9, Asyms

Entries: 636

Mean: 0.0005 +/- 0.0003

Std Dev: 0.0087 +/- 0.0002

Entries: 1888

Mean: 0.0316 +/- 0.0004

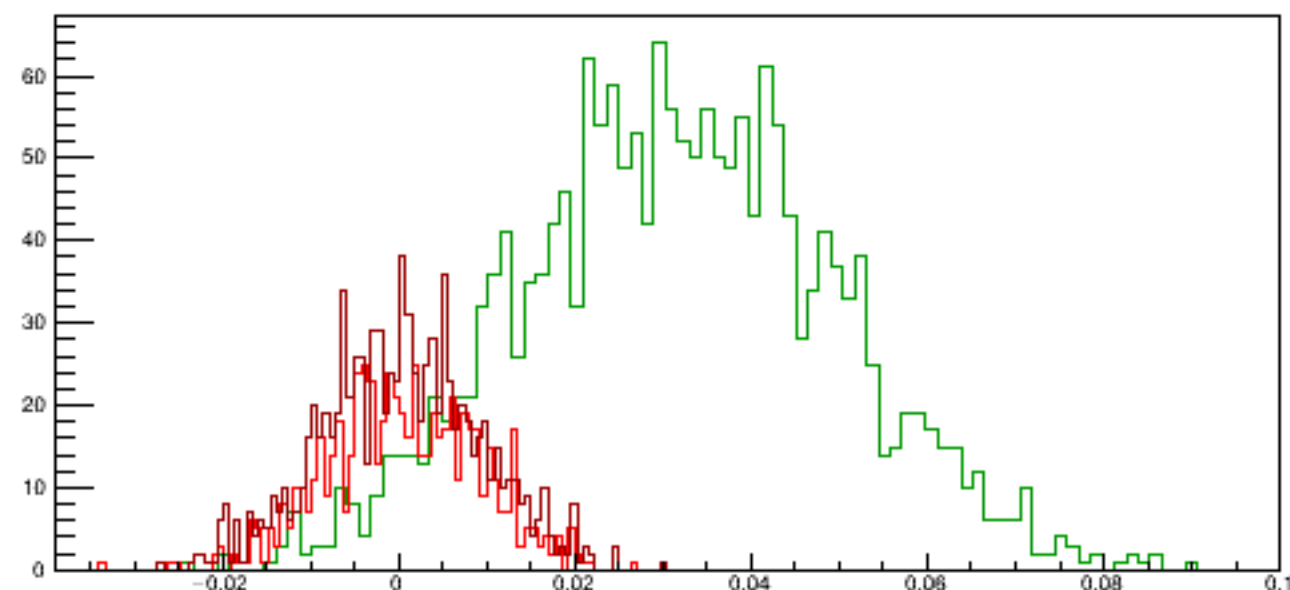
Std Dev: 0.0179 +/- 0.0003

Entries: 920

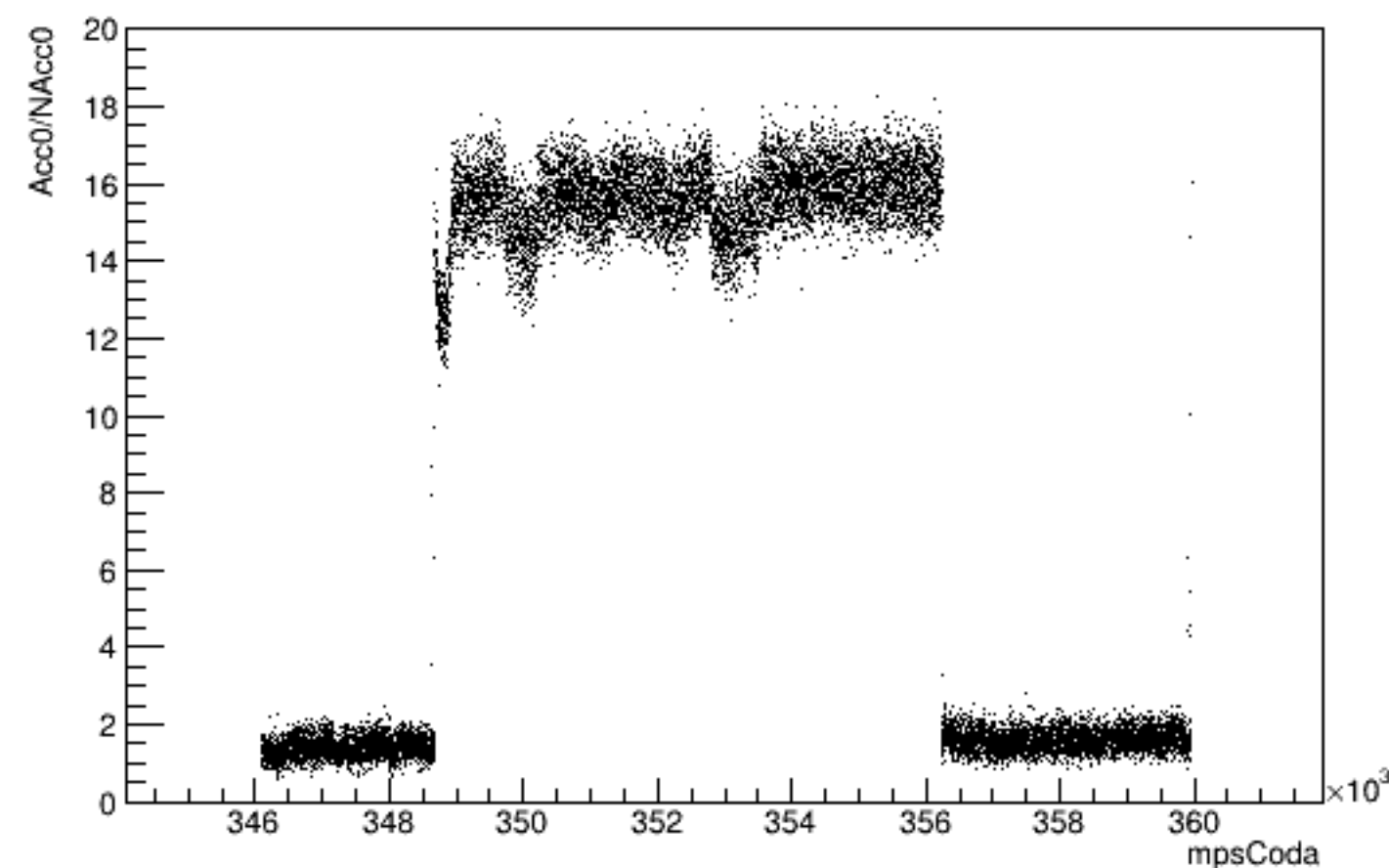
Mean: 0.0001 +/- 0.0003

Std Dev: 0.0091 +/- 0.0002

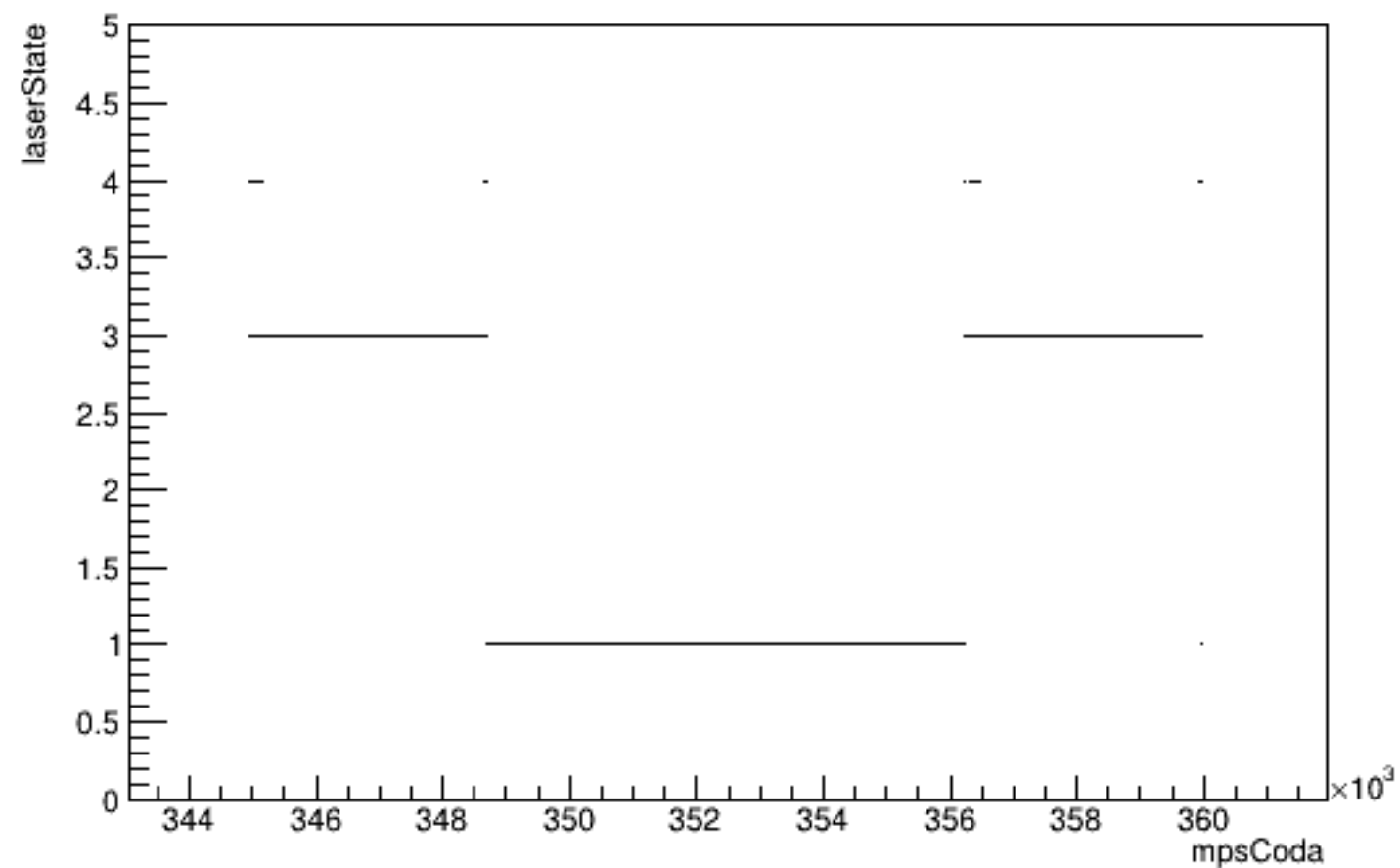
Run 5338 quartetwise, Asyms



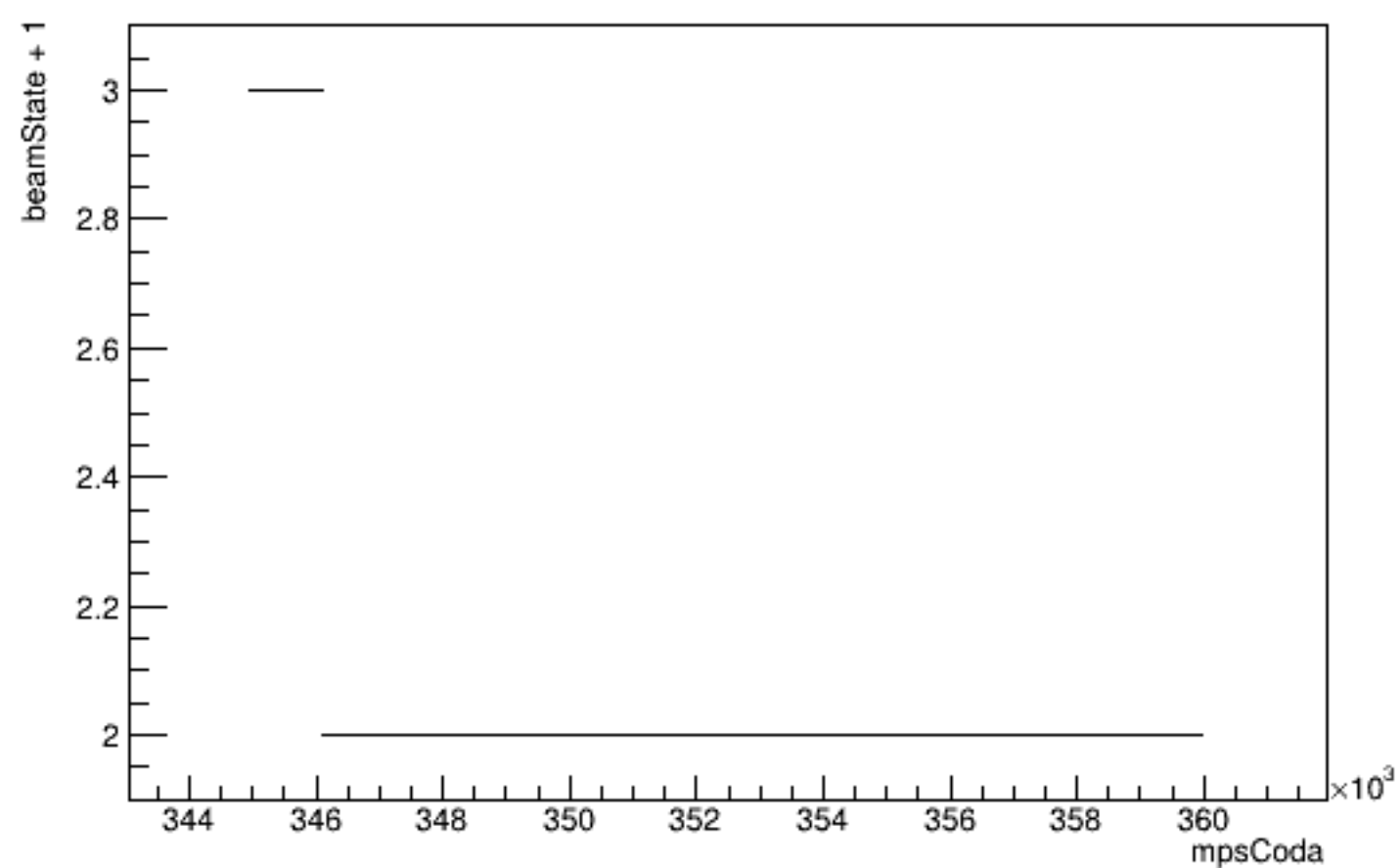
Acc0/NAcc0:mpsCoda (mpsCoda>=344959 && mpsCoda<=359958 && beamState==1)



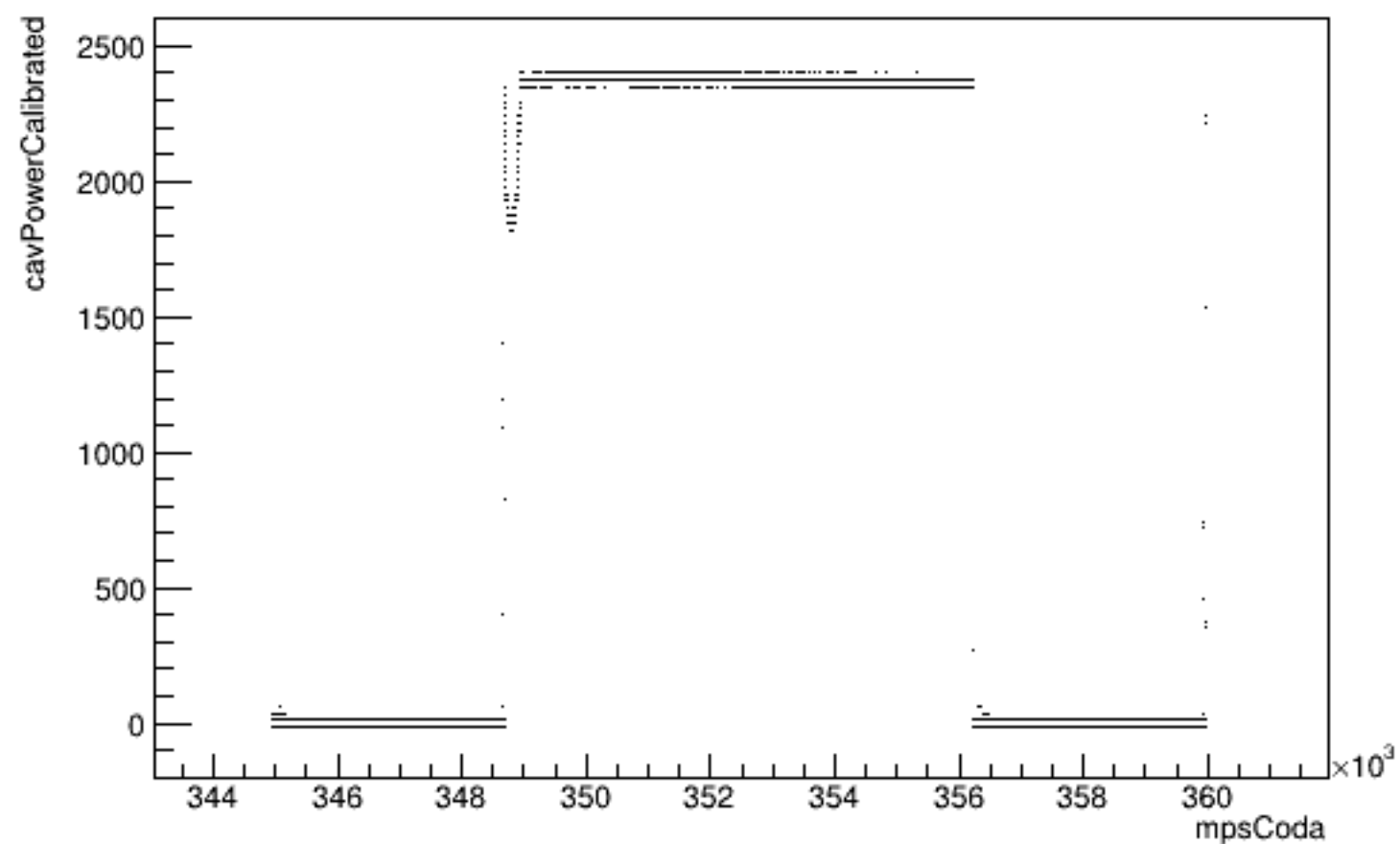
laserState:mpsCoda {mpsCoda>=344959 && mpsCoda<=359958}



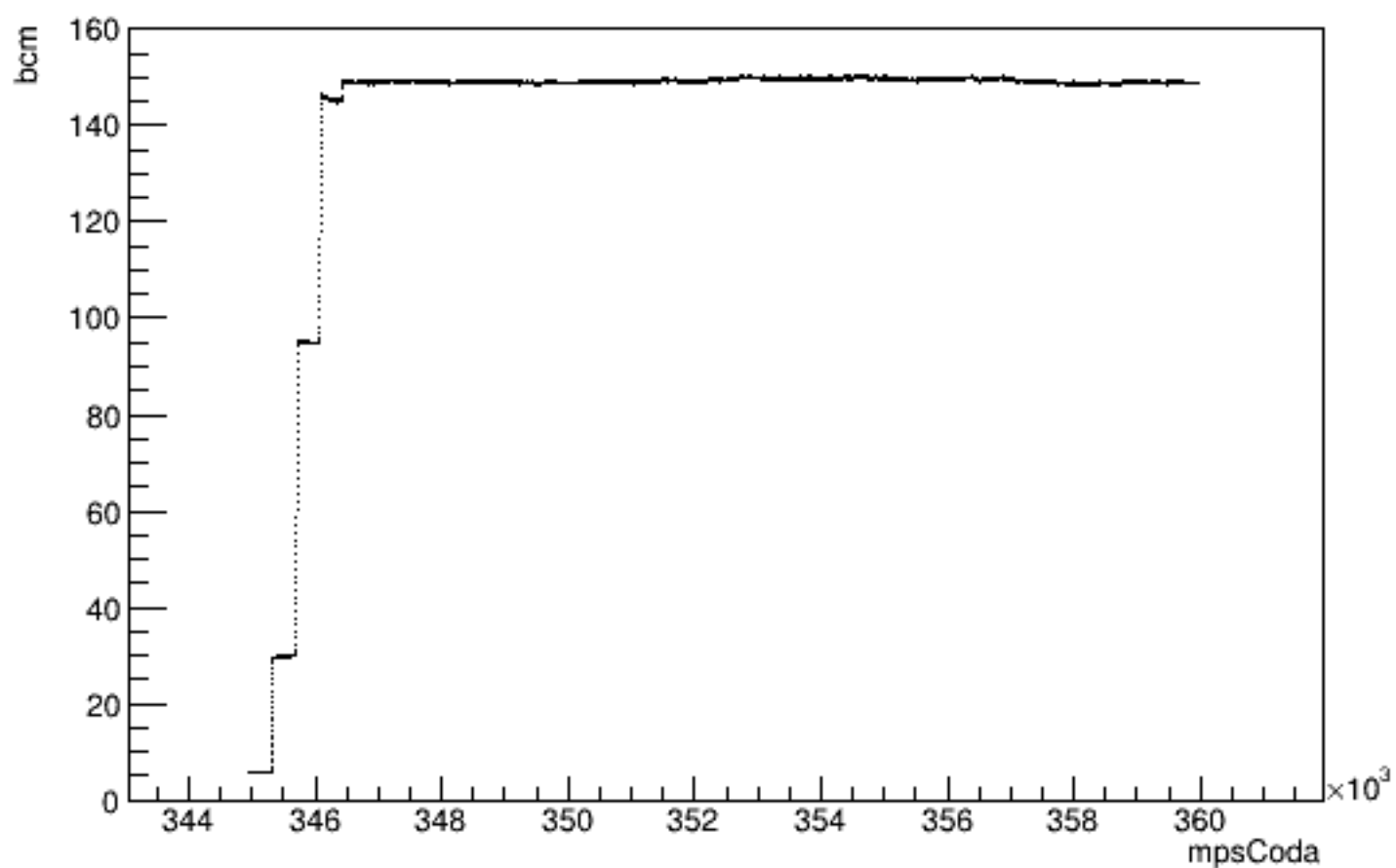
beamState + 1:mpsCoda {mpsCoda>=344959 && mpsCoda<=359958}



cavPowerCalibrated:mpsCoda {mpsCoda>=344959 && mpsCoda<=359958}



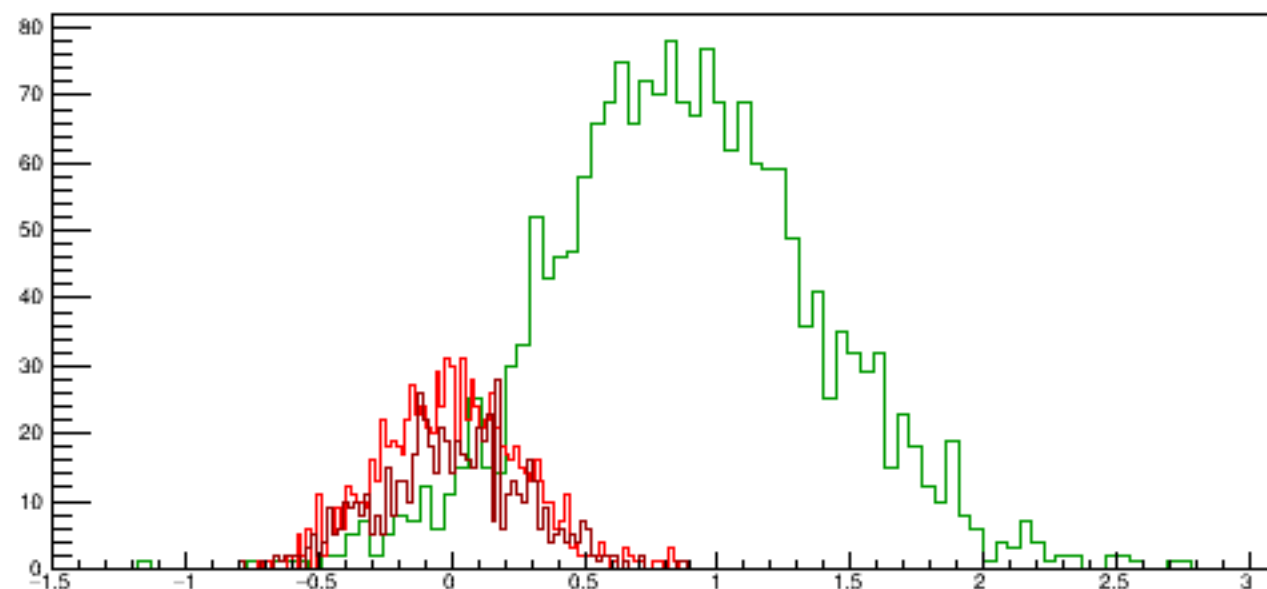
bcm:mpsCoda {mpsCoda>=344959 && mpsCoda<=359958}



Cycle 10, Diffs

Entries: 918	Entries: 1958	Entries: 636
Mean: 0.0009 +/- 0.0086	Mean: 0.8863 +/- 0.0114	Mean: 0.0050 +/- 0.0108
Std Dev: 0.2602 +/- 0.0061	Std Dev: 0.5033 +/- 0.0080	Std Dev: 0.2717 +/- 0.0076

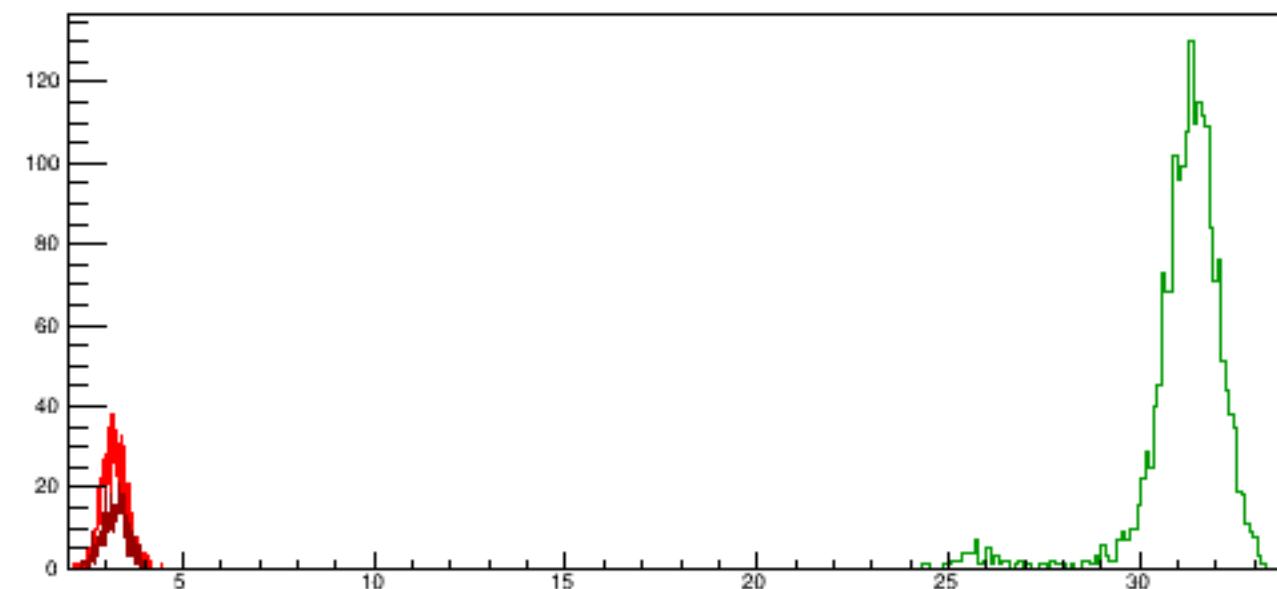
Run 5338 quartetwise, Diffs



Cycle 10, Sums

Entries: 918	Entries: 1958	Entries: 636
Mean: 3.2136 +/- 0.0106	Mean: 31.1820 +/- 0.0260	Mean: 3.2149 +/- 0.0126
Std Dev: 0.3222 +/- 0.0075	Std Dev: 1.1492 +/- 0.0184	Std Dev: 0.3190 +/- 0.0089

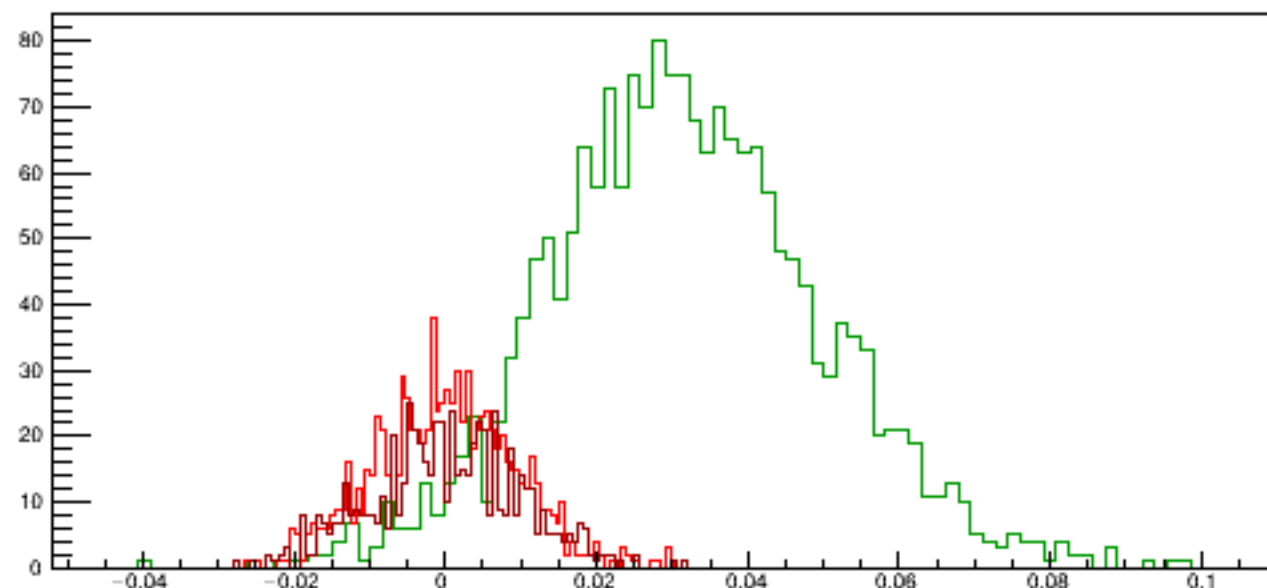
Run 5338 quartetwise, Sums



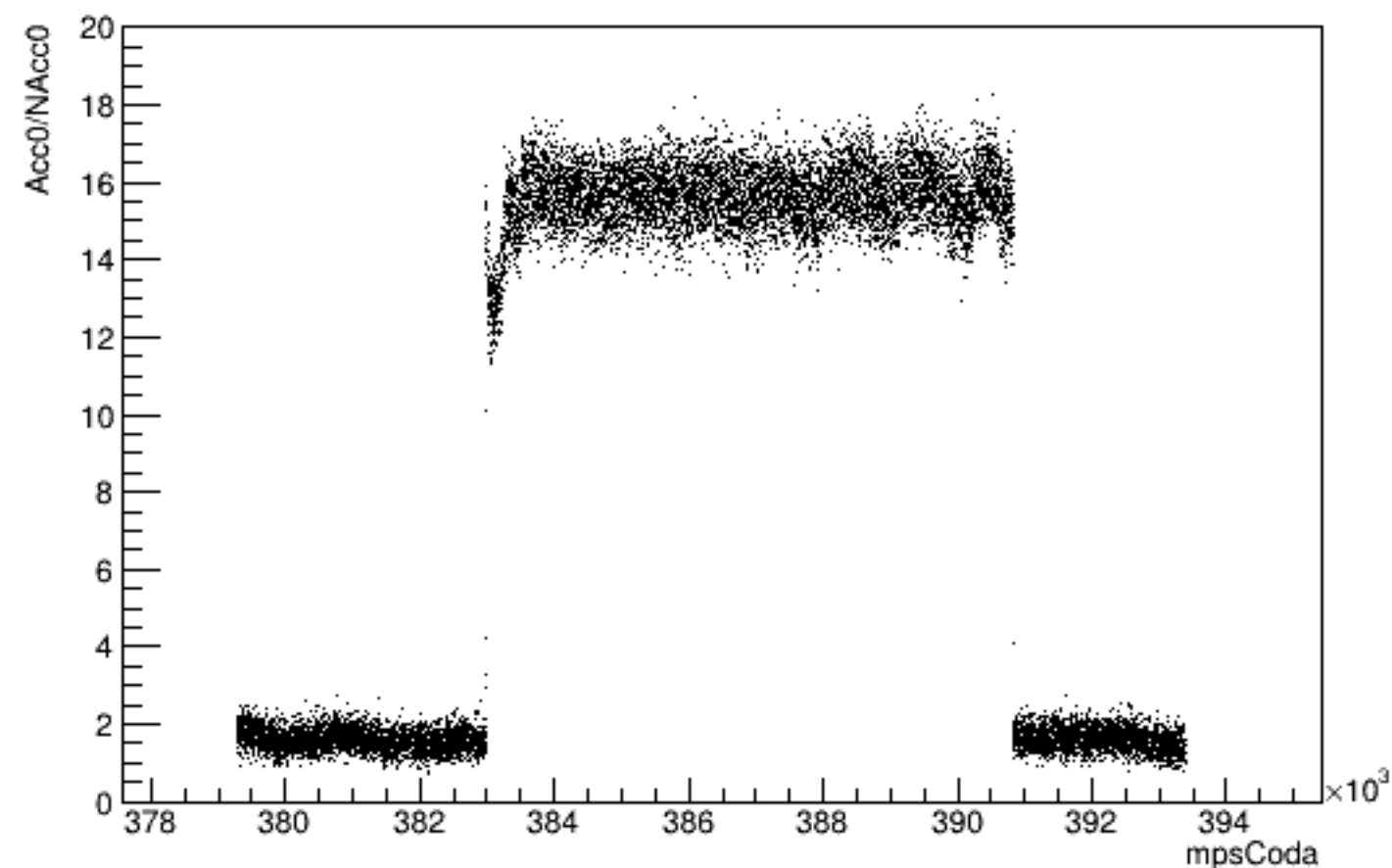
Cycle 10, Asyms

Entries: 918	Entries: 1958	Entries: 636
Mean: 0.0000 +/- 0.0003	Mean: 0.0317 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0093 +/- 0.0002	Std Dev: 0.0180 +/- 0.0003	Std Dev: 0.0097 +/- 0.0003

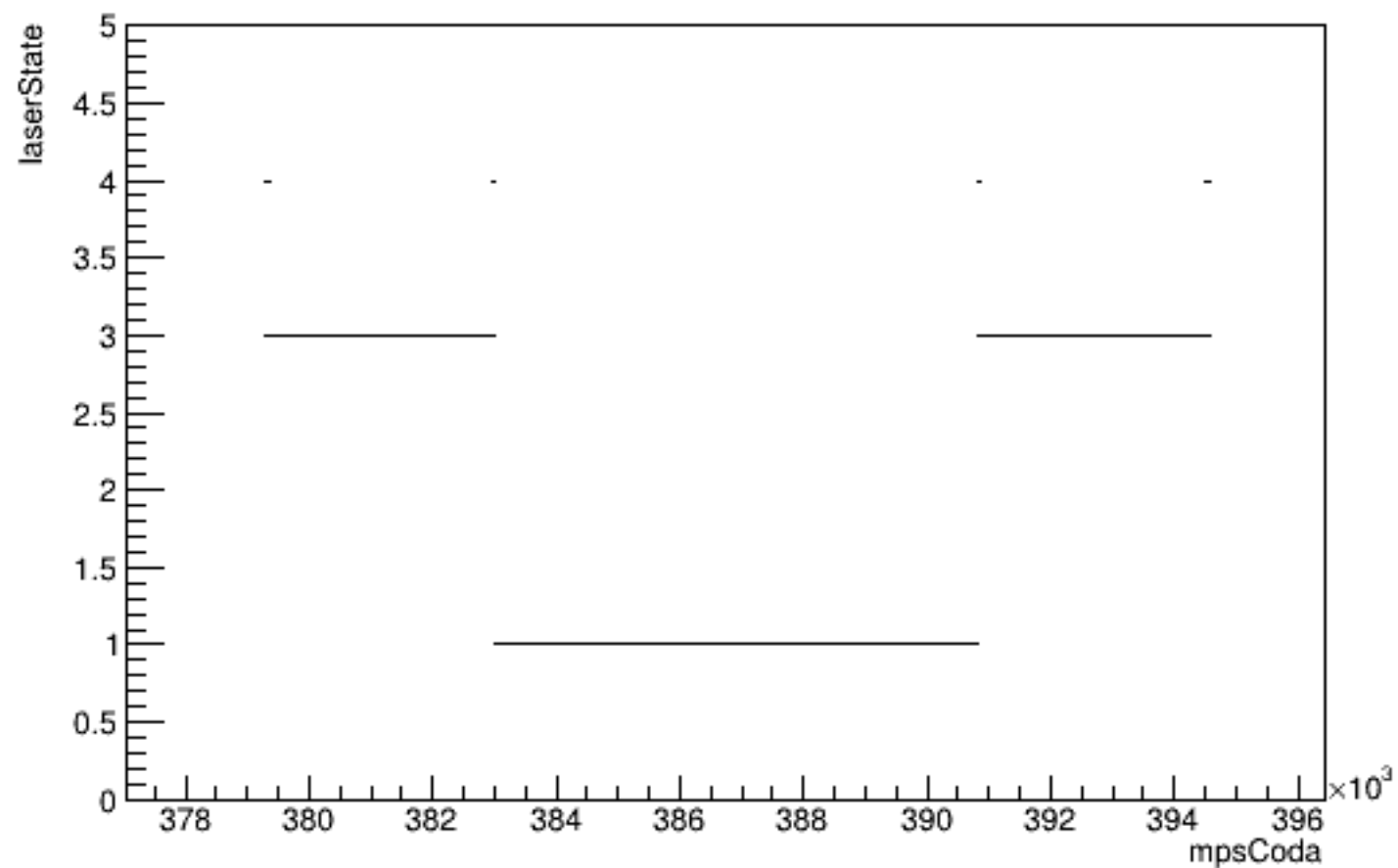
Run 5338 quartetwise, Asyms



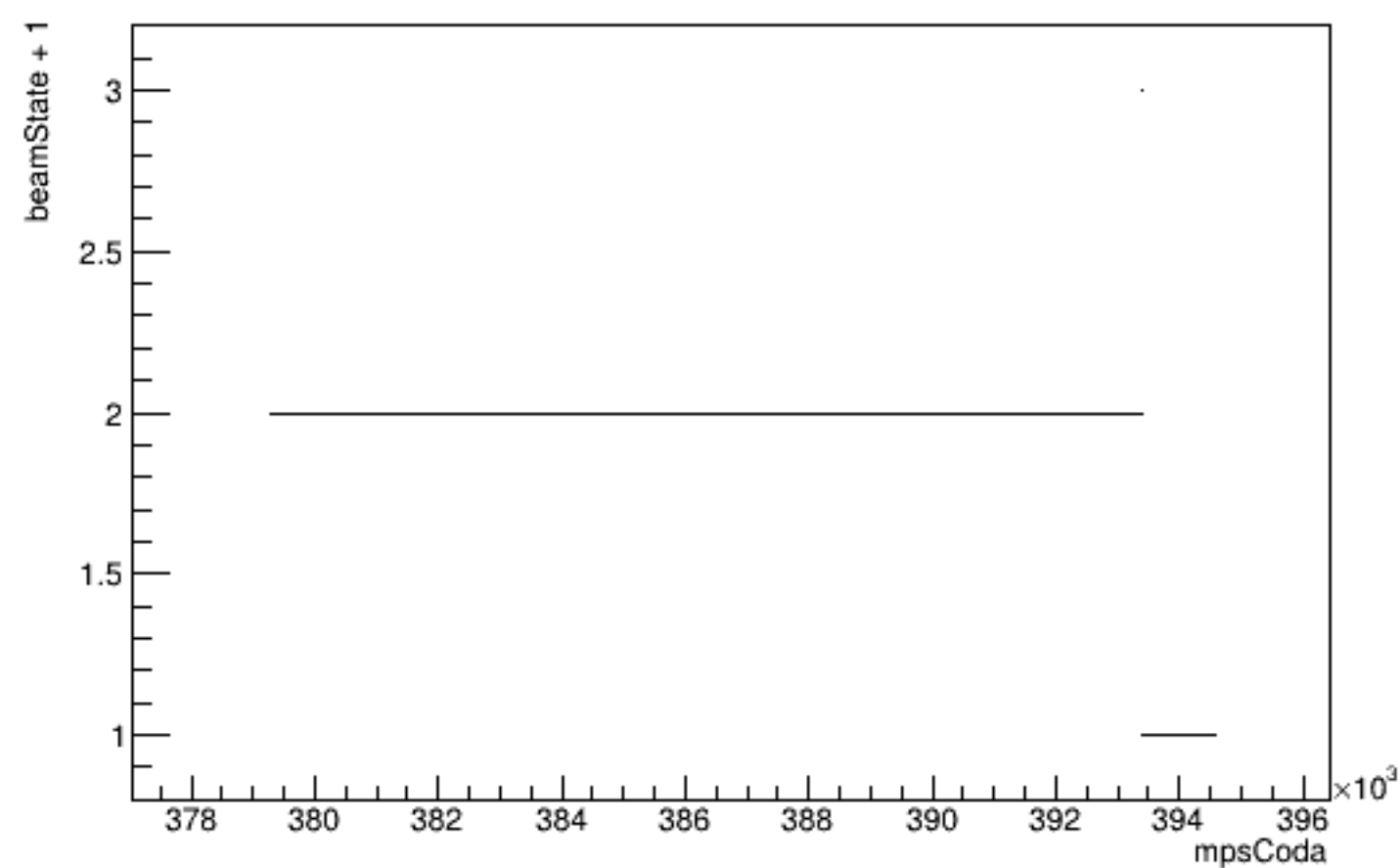
Acc0/NAcc0:mpsCoda (mpsCoda>=379279 && mpsCoda<=394582 && beamState==1)



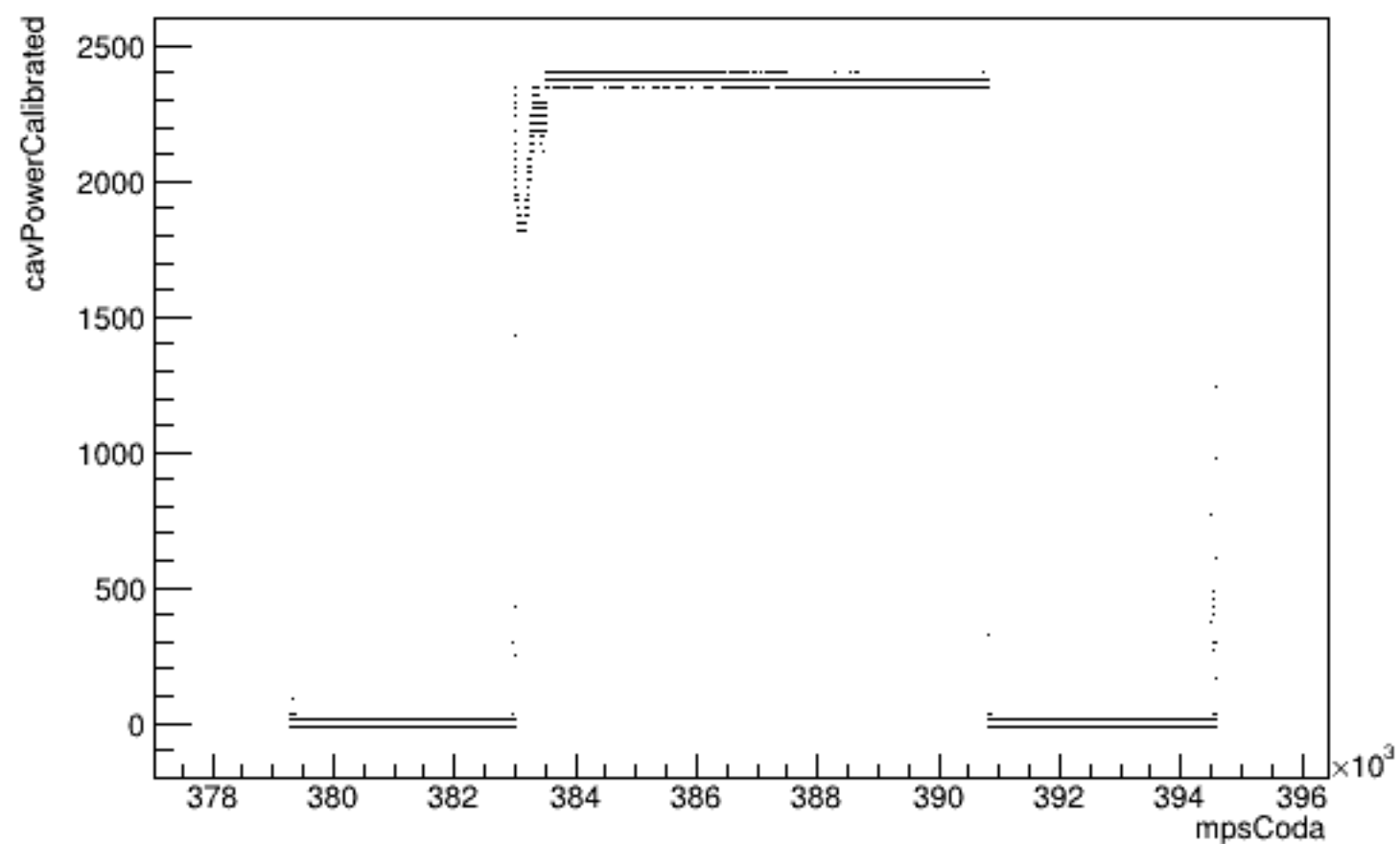
laserState:mpsCoda {mpsCoda>=379279 && mpsCoda<=394582}



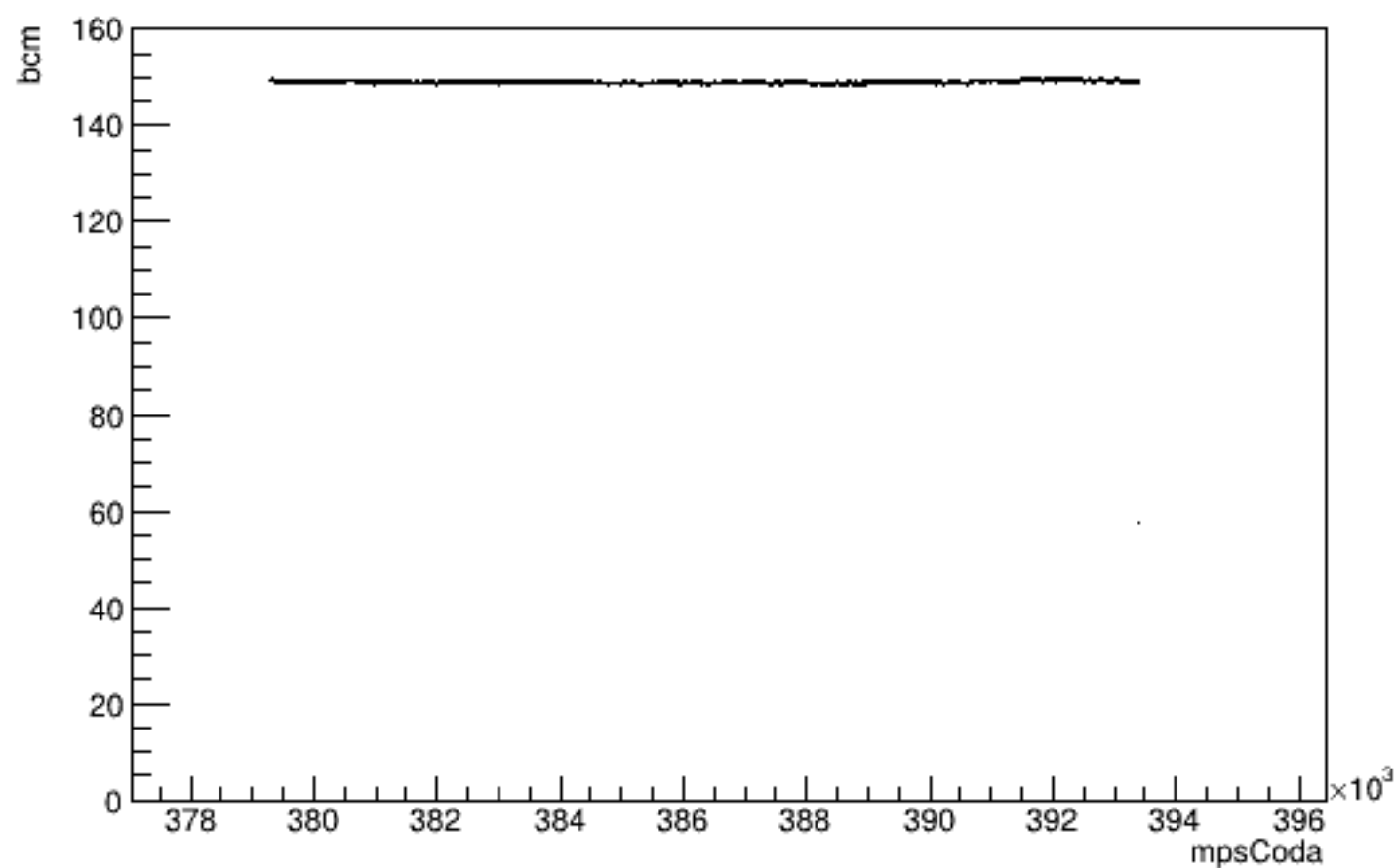
beamState + 1:mpsCoda {mpsCoda>=379279 && mpsCoda<=394582}



cavPowerCalibrated:mpsCoda {mpsCoda>=379279 && mpsCoda<=394582}



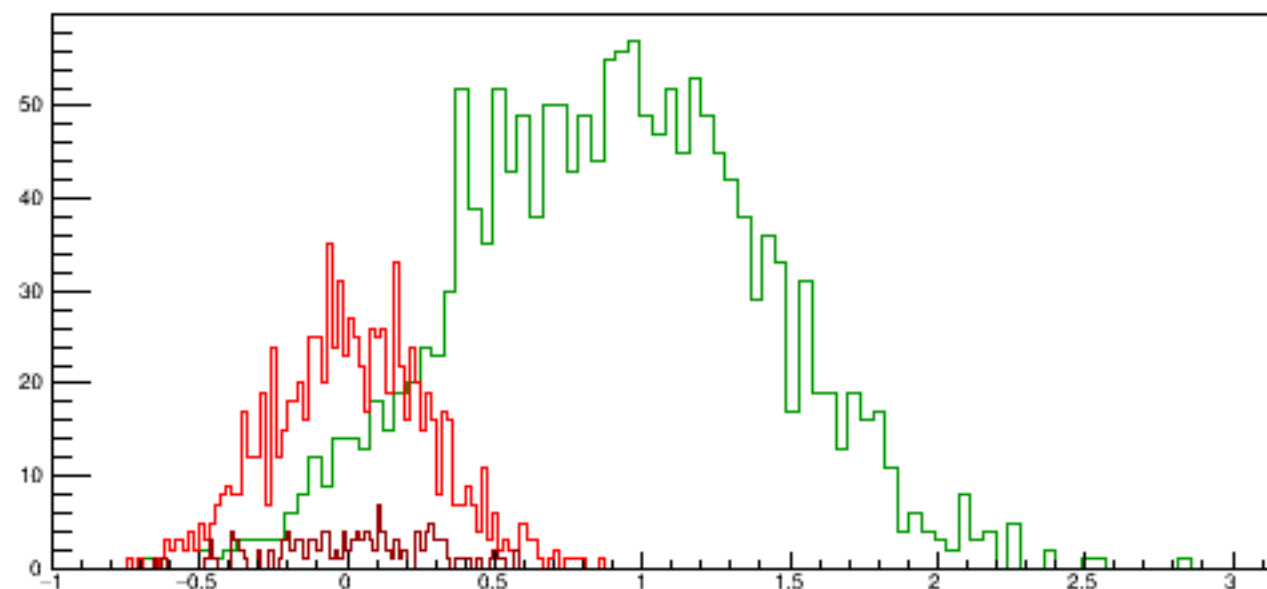
bcm:mpsCoda {mpsCoda>=379279 && mpsCoda<=394582}



Cycle 11, Diffs

Entries: 921	Entries: 1680	Entries: 140
Mean: 0.0186 +/- 0.0087	Mean: 0.9008 +/- 0.0125	Mean: 0.0241 +/- 0.0221
Std Dev: 0.2644 +/- 0.0062	Std Dev: 0.5141 +/- 0.0089	Std Dev: 0.2610 +/- 0.0156

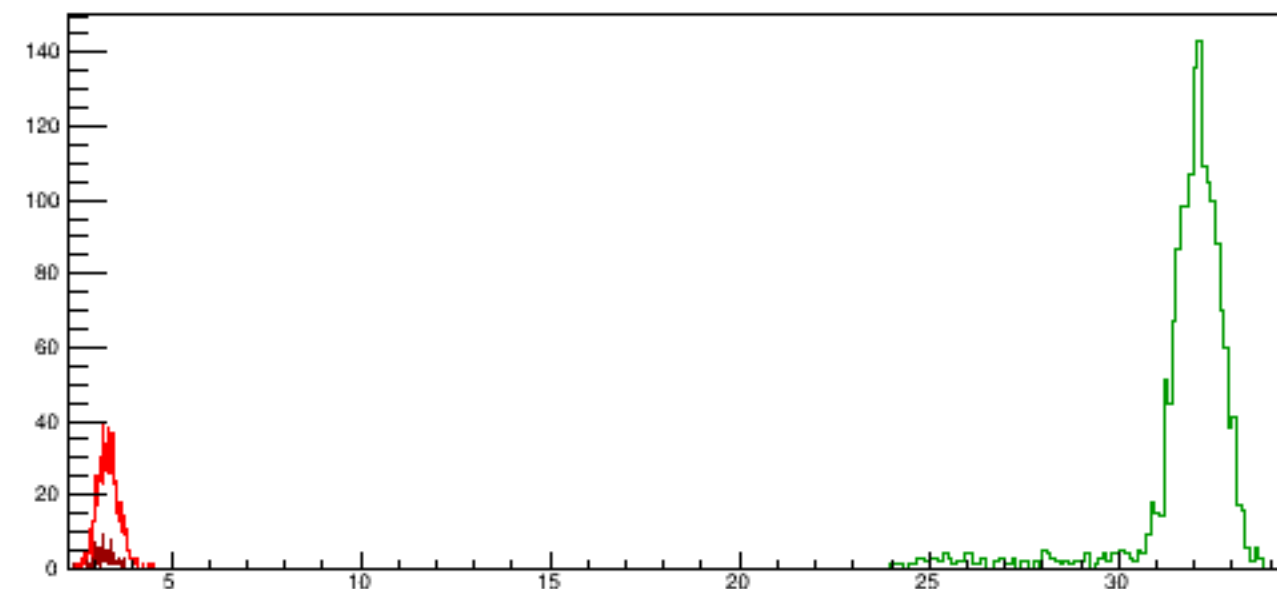
Run 5338 quartetwise, Diffs



Cycle 11, Sums

Entries: 921	Entries: 1680	Entries: 140
Mean: 3.3321 +/- 0.0093	Mean: 31.7829 +/- 0.0341	Mean: 3.2543 +/- 0.0208
Std Dev: 0.2814 +/- 0.0066	Std Dev: 1.3967 +/- 0.0241	Std Dev: 0.2461 +/- 0.0147

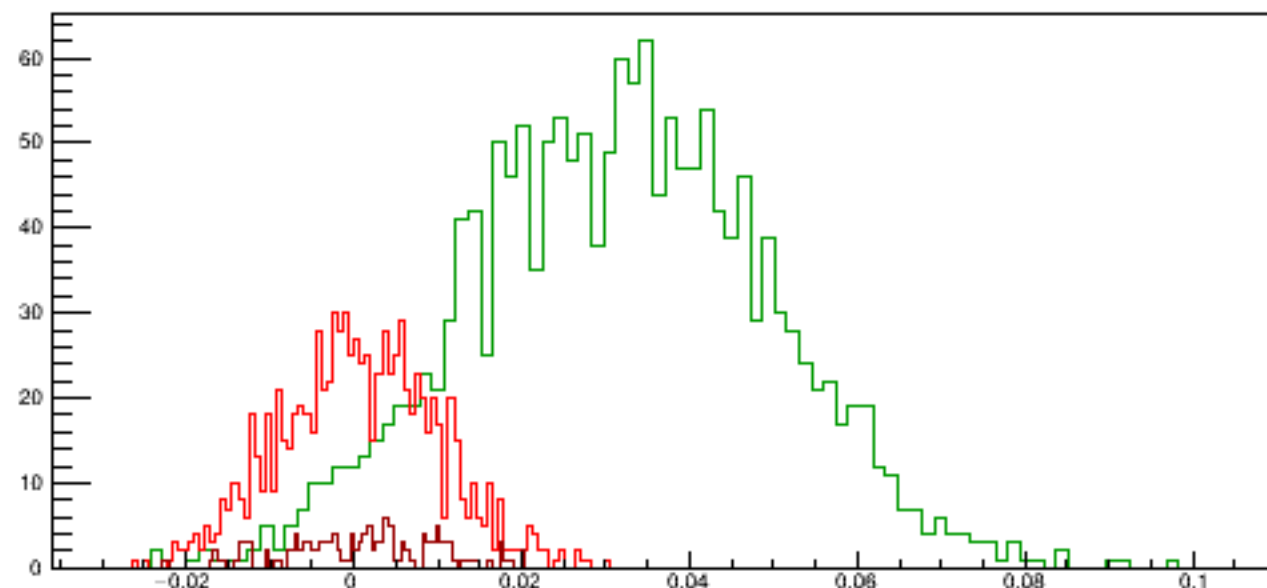
Run 5338 quartetwise, Sums



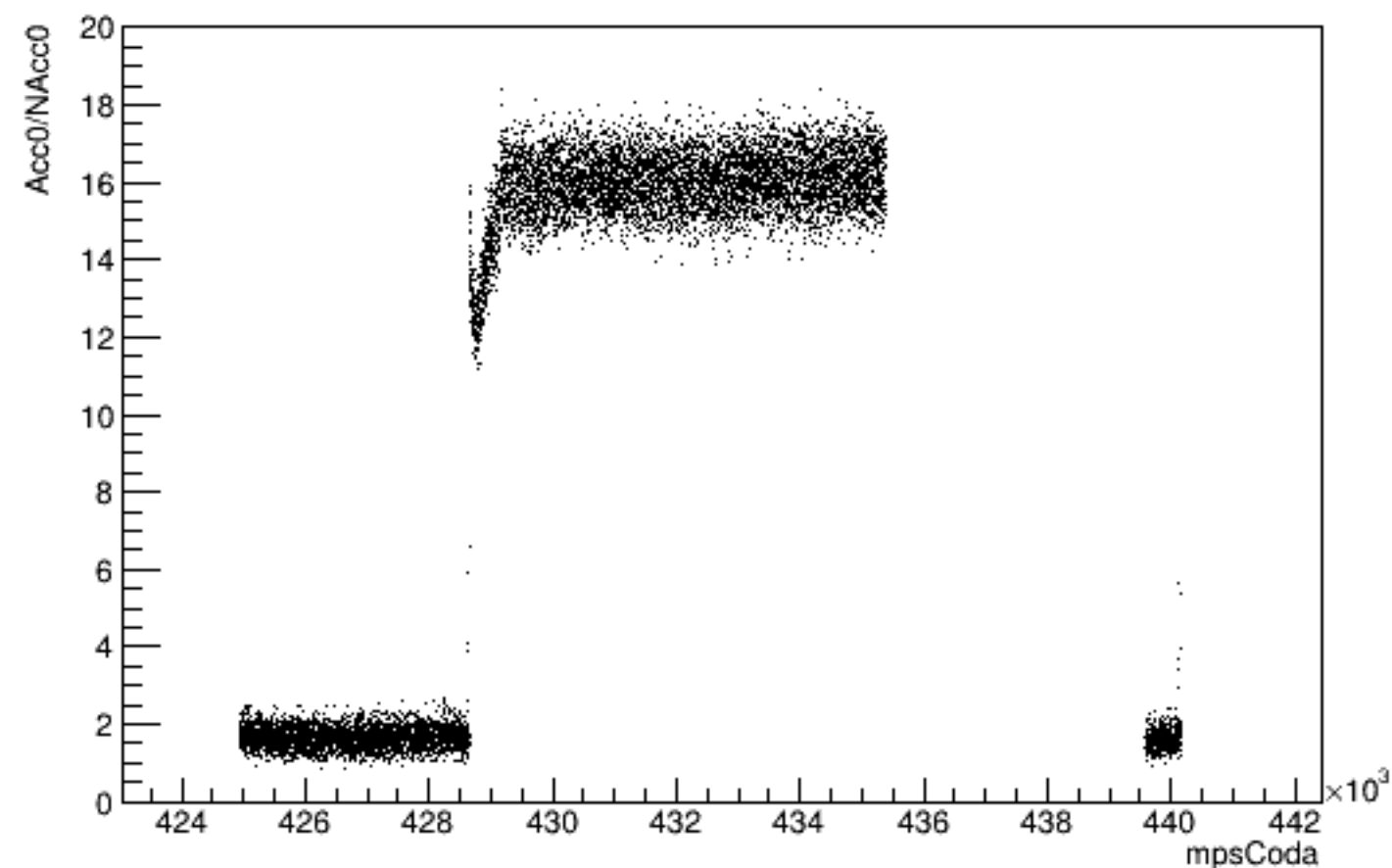
Cycle 11, Asyms

Entries: 921	Entries: 1680	Entries: 140
Mean: 0.0007 +/- 0.0003	Mean: 0.0316 +/- 0.0004	Mean: 0.0008 +/- 0.0008
Std Dev: 0.0093 +/- 0.0002	Std Dev: 0.0180 +/- 0.0003	Std Dev: 0.0092 +/- 0.0005

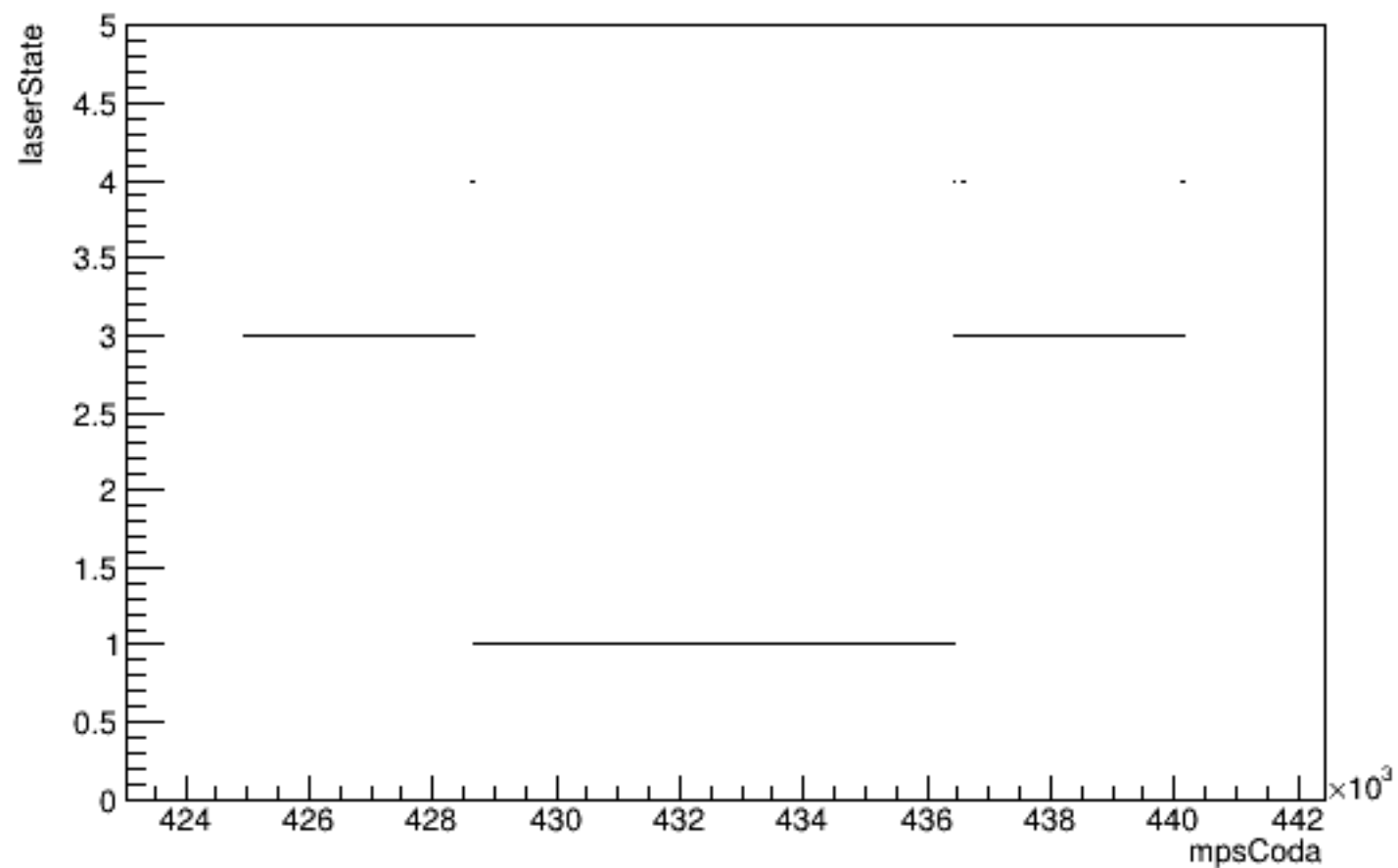
Run 5338 quartetwise, Asyms



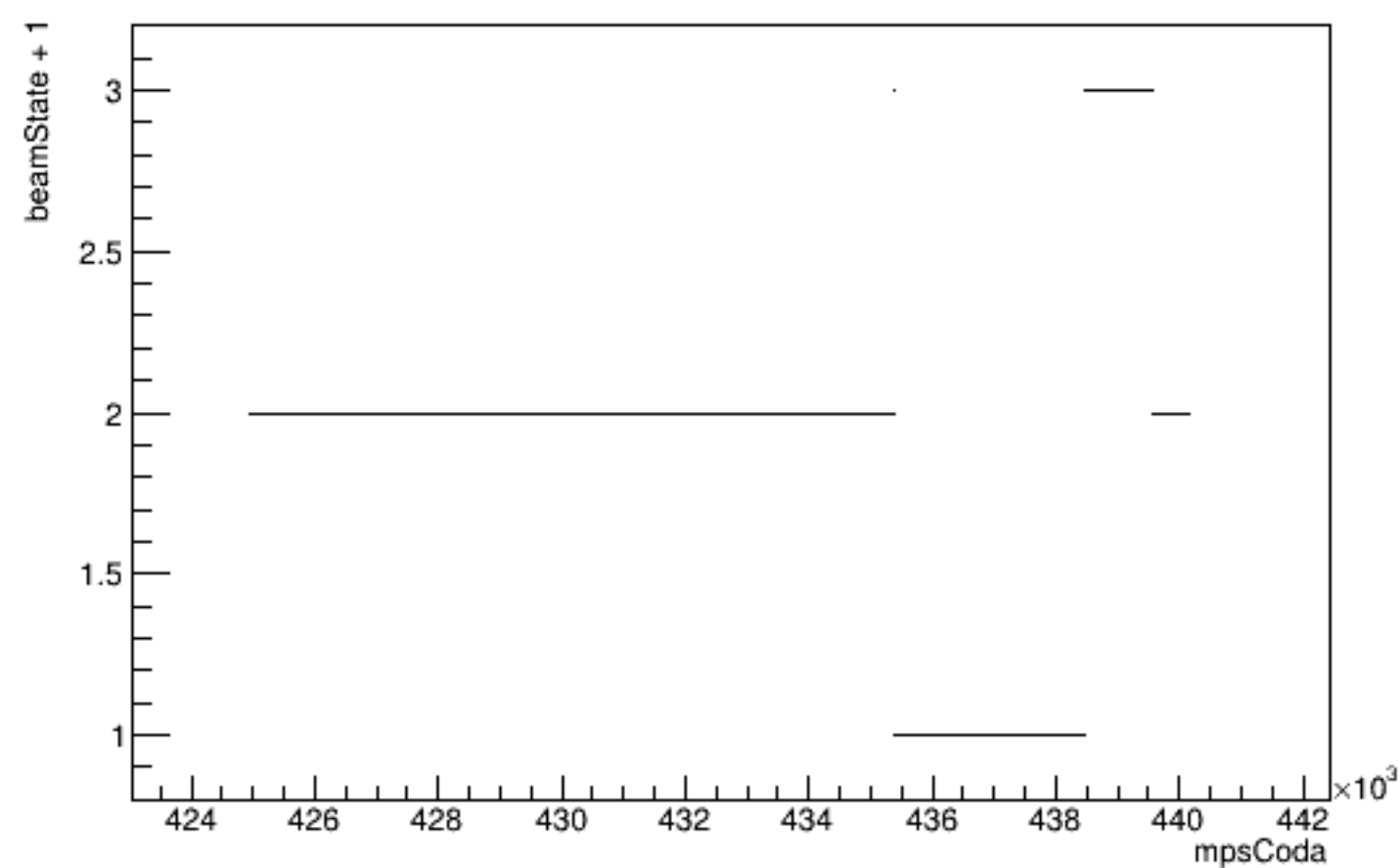
Acc0/NAcc0:mpsCoda (mpsCoda>=424931 && mpsCoda<=440162 && beamState==1)



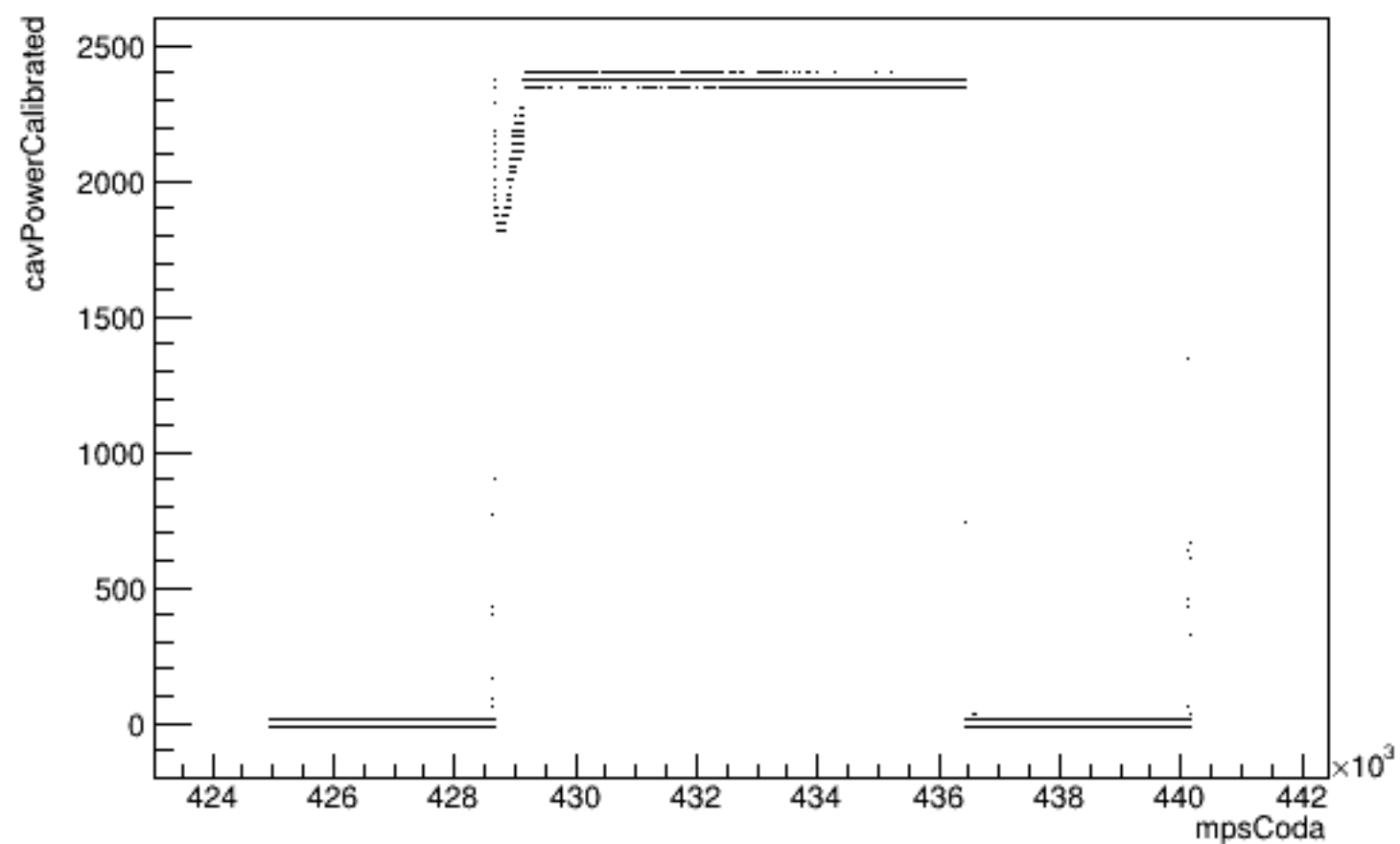
laserState:mpsCoda {mpsCoda>=424931 && mpsCoda<=440162}



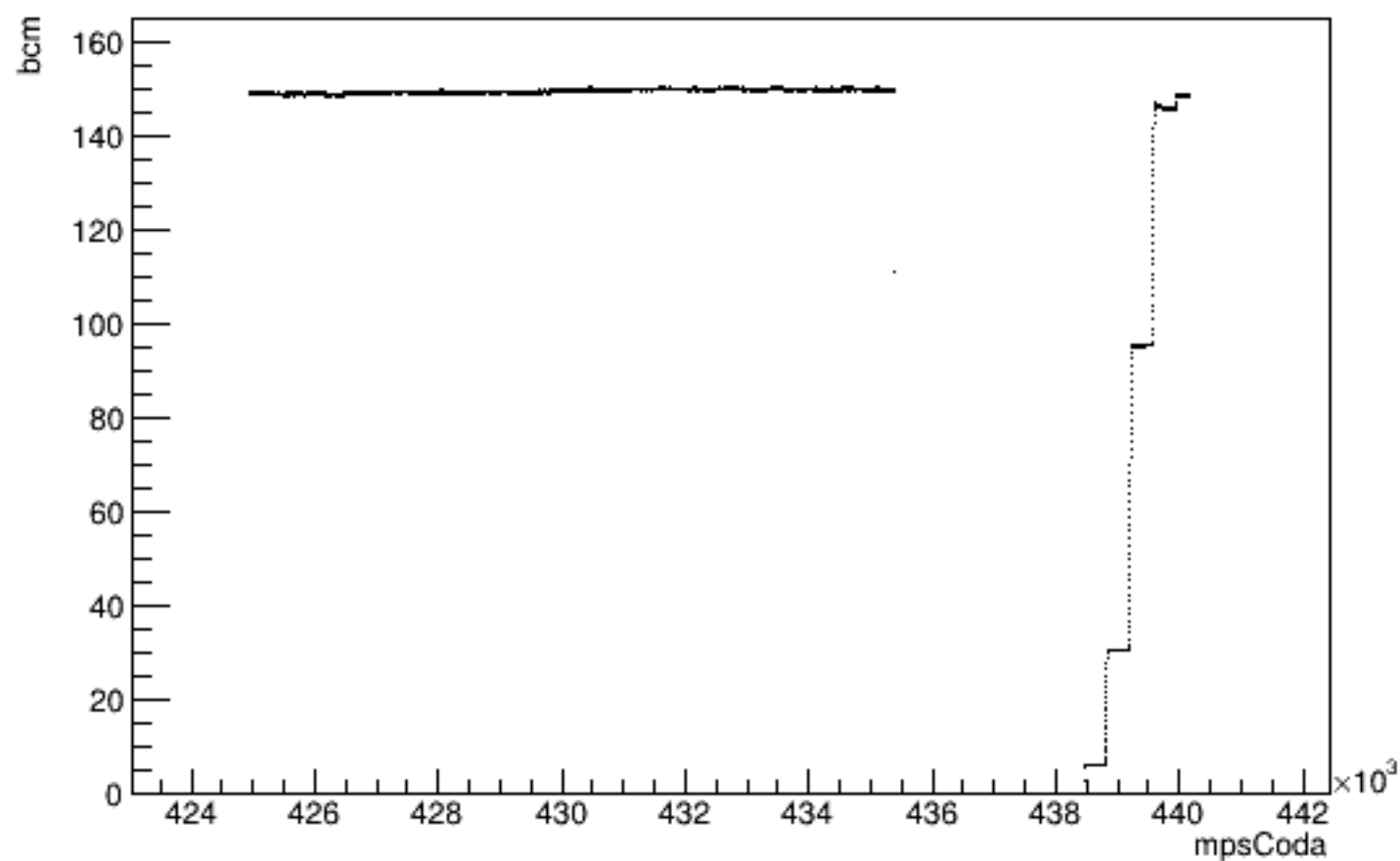
beamState + 1:mpsCoda {mpsCoda>=424931 && mpsCoda<=440162}



cavPowerCalibrated:mpsCoda {mpsCoda>=424931 && mpsCoda<=440162}



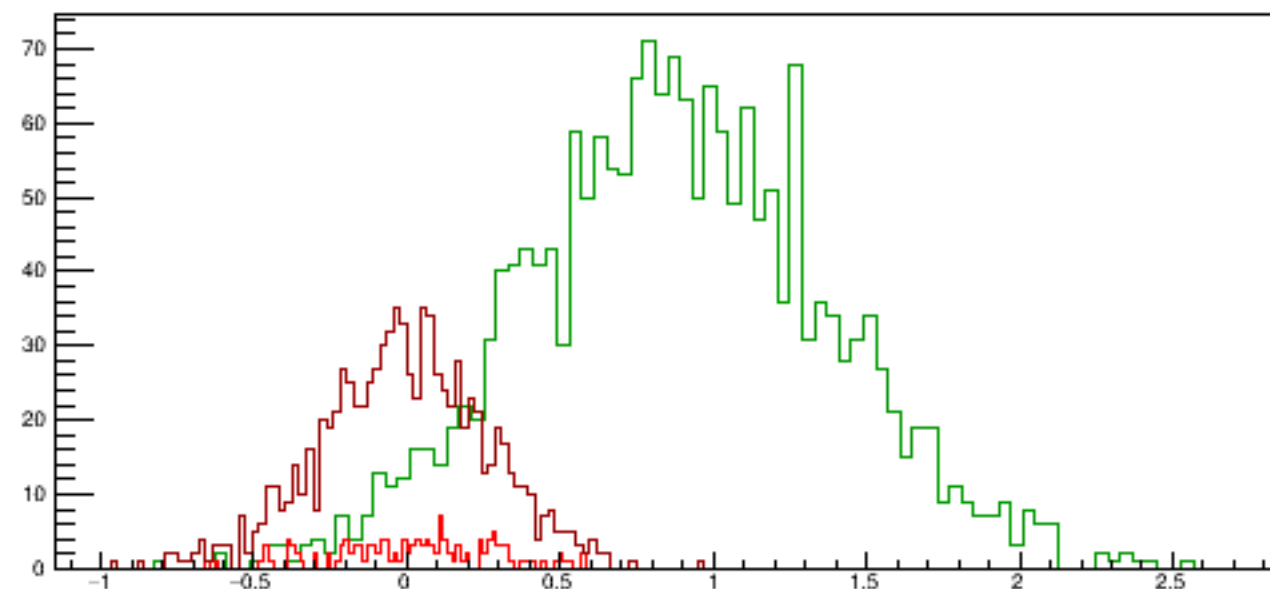
bcm:mpsCoda {mpsCoda>=424931 && mpsCoda<=440162}



Cycle 12, Diffs

Entries: 140	Entries: 1922	Entries: 907
Mean: 0.0241 +/- 0.0221	Mean: 0.8810 +/- 0.0113	Mean: -0.0111 +/- 0.0090
Std Dev: 0.2610 +/- 0.0156	Std Dev: 0.4941 +/- 0.0080	Std Dev: 0.2722 +/- 0.0064

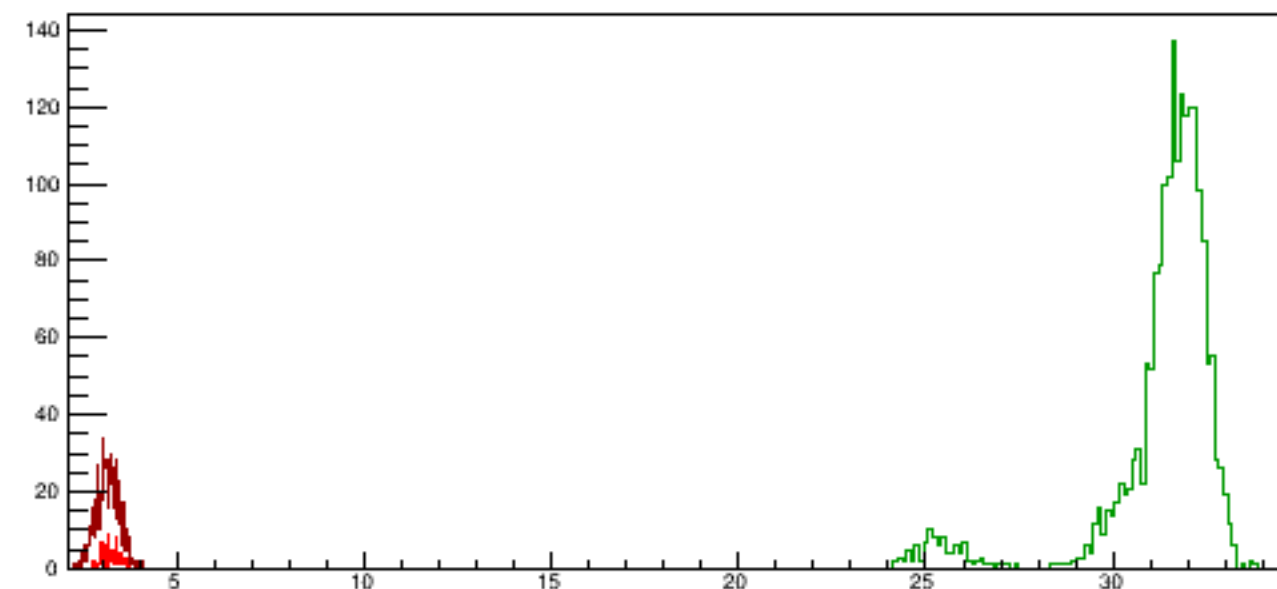
Run 5338 quartetwise, Diffs



Cycle 12, Sums

Entries: 140	Entries: 1922	Entries: 907
Mean: 3.2543 +/- 0.0208	Mean: 31.3148 +/- 0.0362	Mean: 3.1724 +/- 0.0100
Std Dev: 0.2461 +/- 0.0147	Std Dev: 1.5864 +/- 0.0256	Std Dev: 0.3025 +/- 0.0071

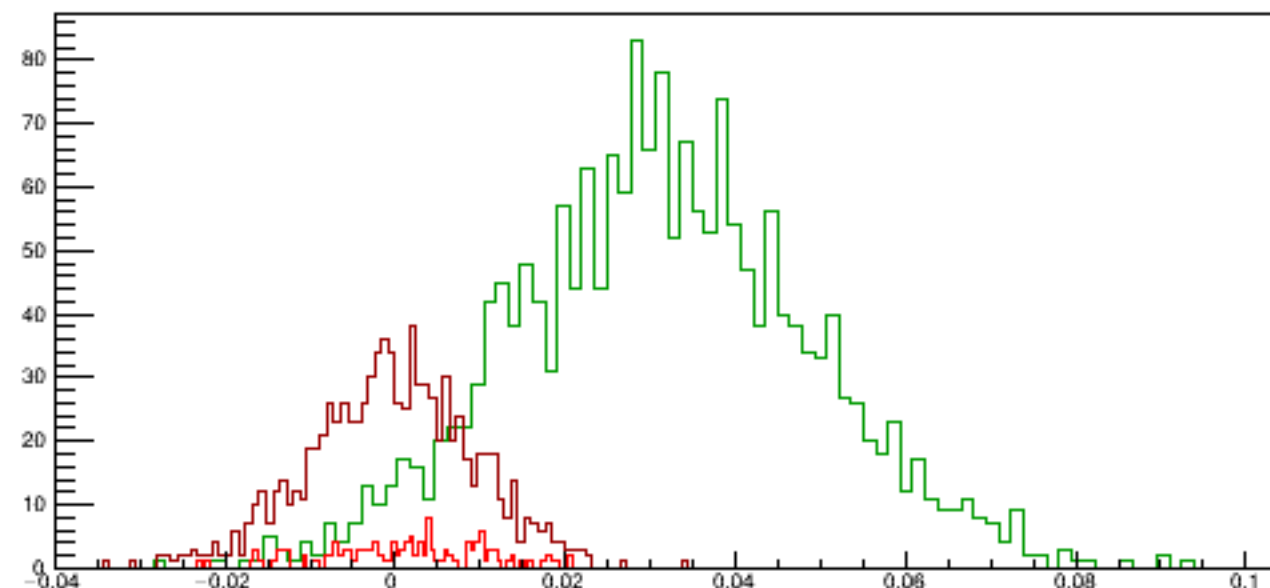
Run 5338 quartetwise, Sums



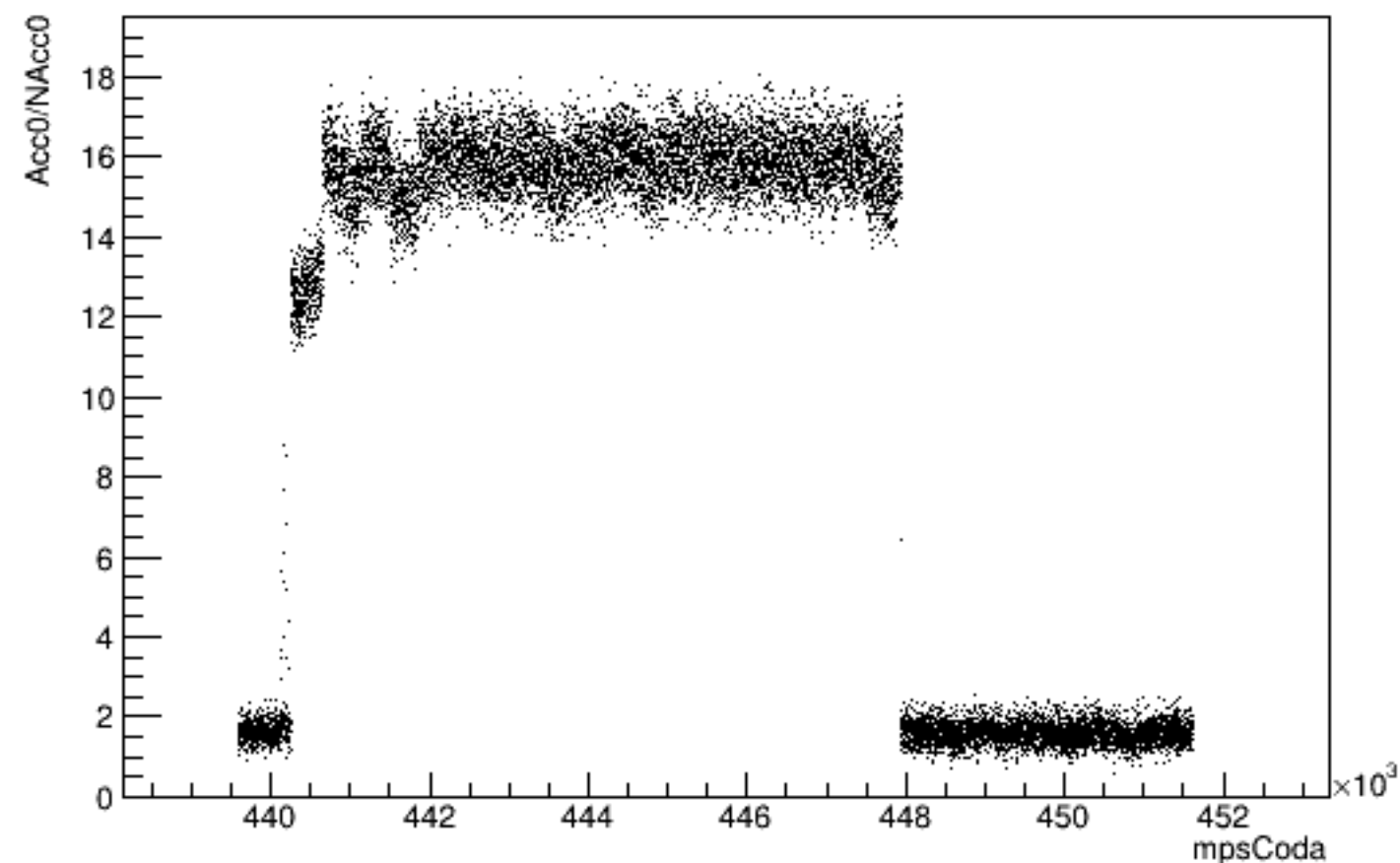
Cycle 12, Asyms

Entries: 140	Entries: 1922	Entries: 907
Mean: 0.0009 +/- 0.0008	Mean: 0.0313 +/- 0.0004	Mean: -0.0004 +/- 0.0003
Std Dev: 0.0093 +/- 0.0006	Std Dev: 0.0175 +/- 0.0003	Std Dev: 0.0097 +/- 0.0002

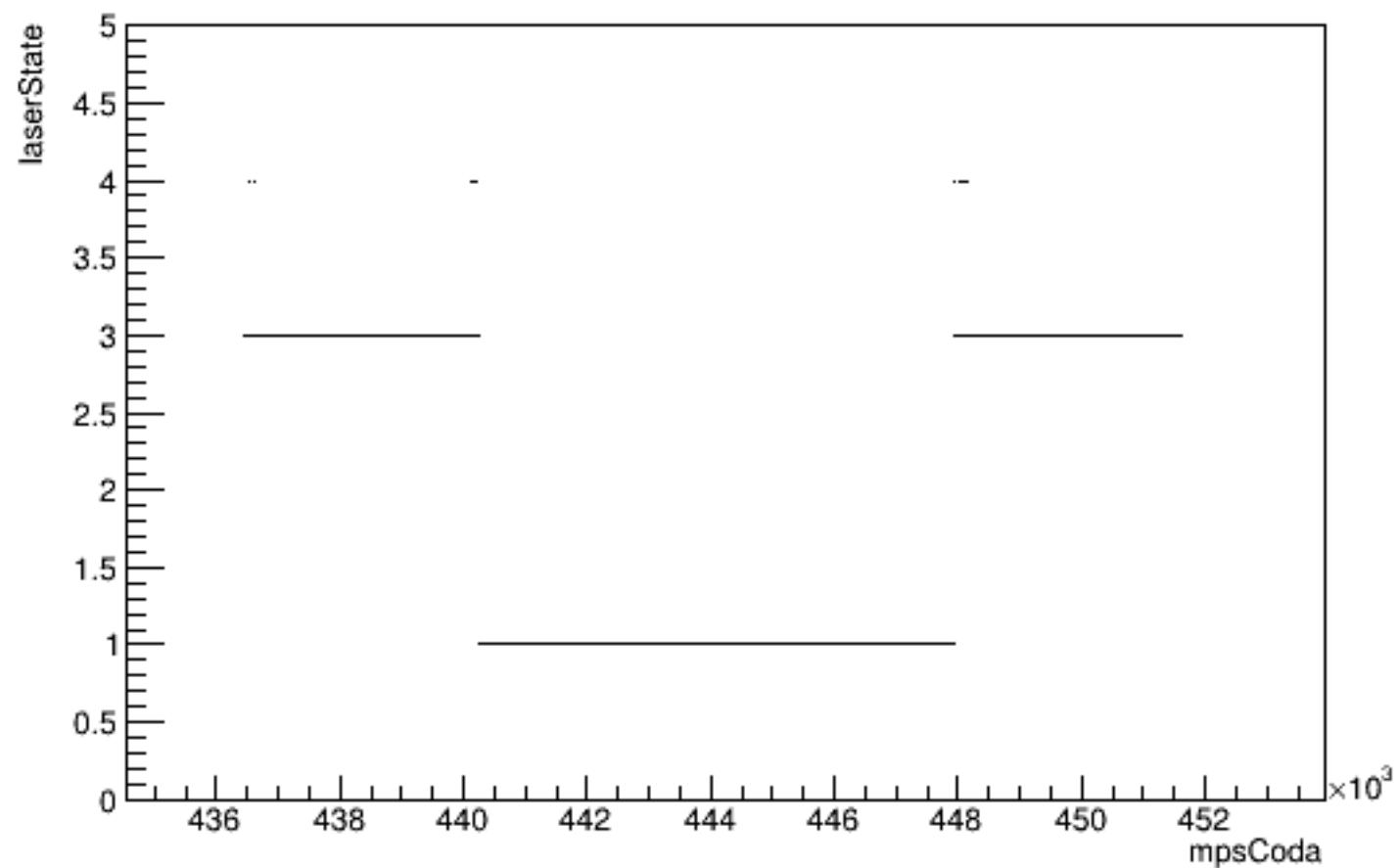
Run 5338 quartetwise, Asyms



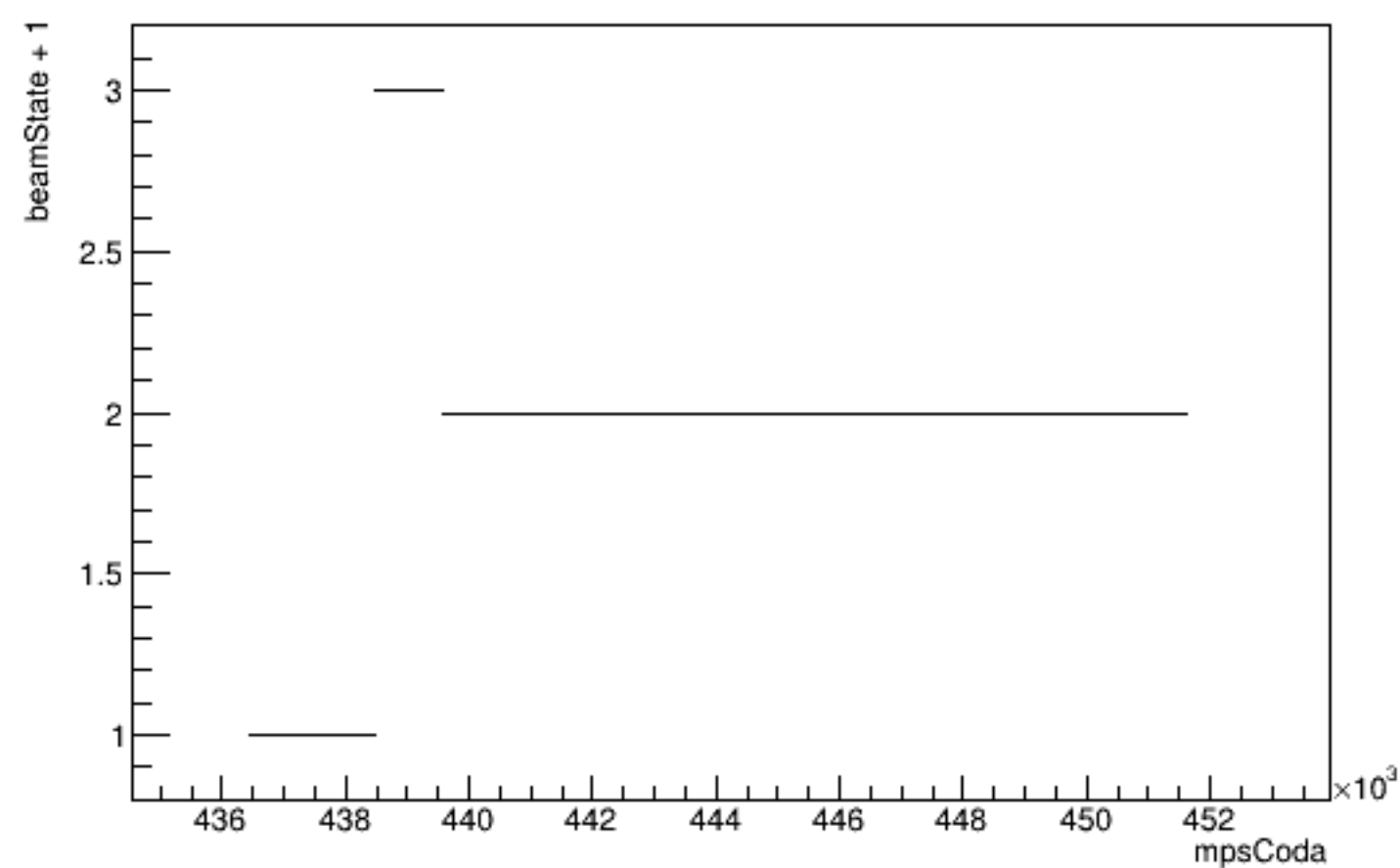
Acc0/NAcc0:mpsCoda (mpsCoda>=436431 && mpsCoda<=451610 && beamState==1)



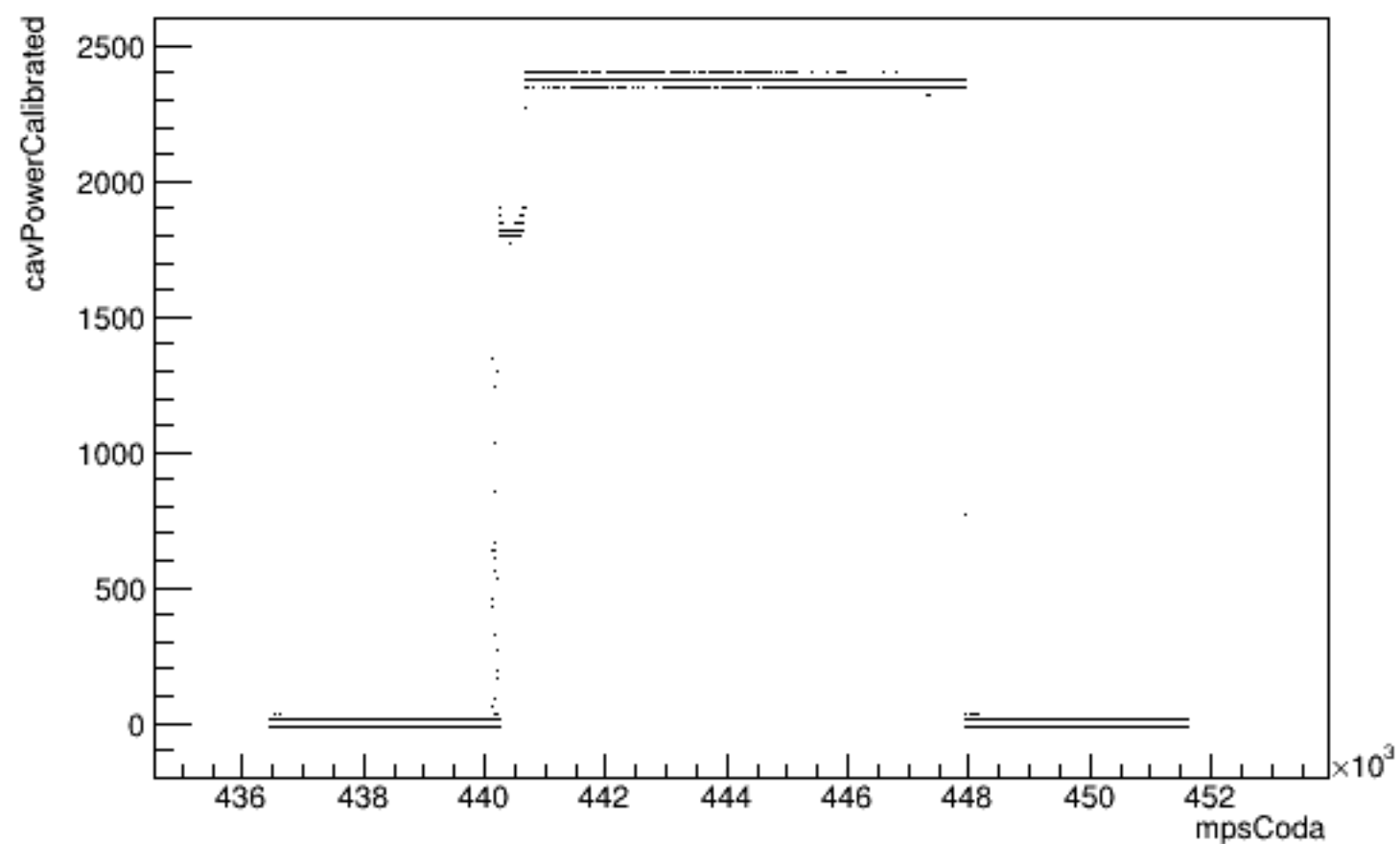
laserState:mpsCoda {mpsCoda>=436431 && mpsCoda<=451610}



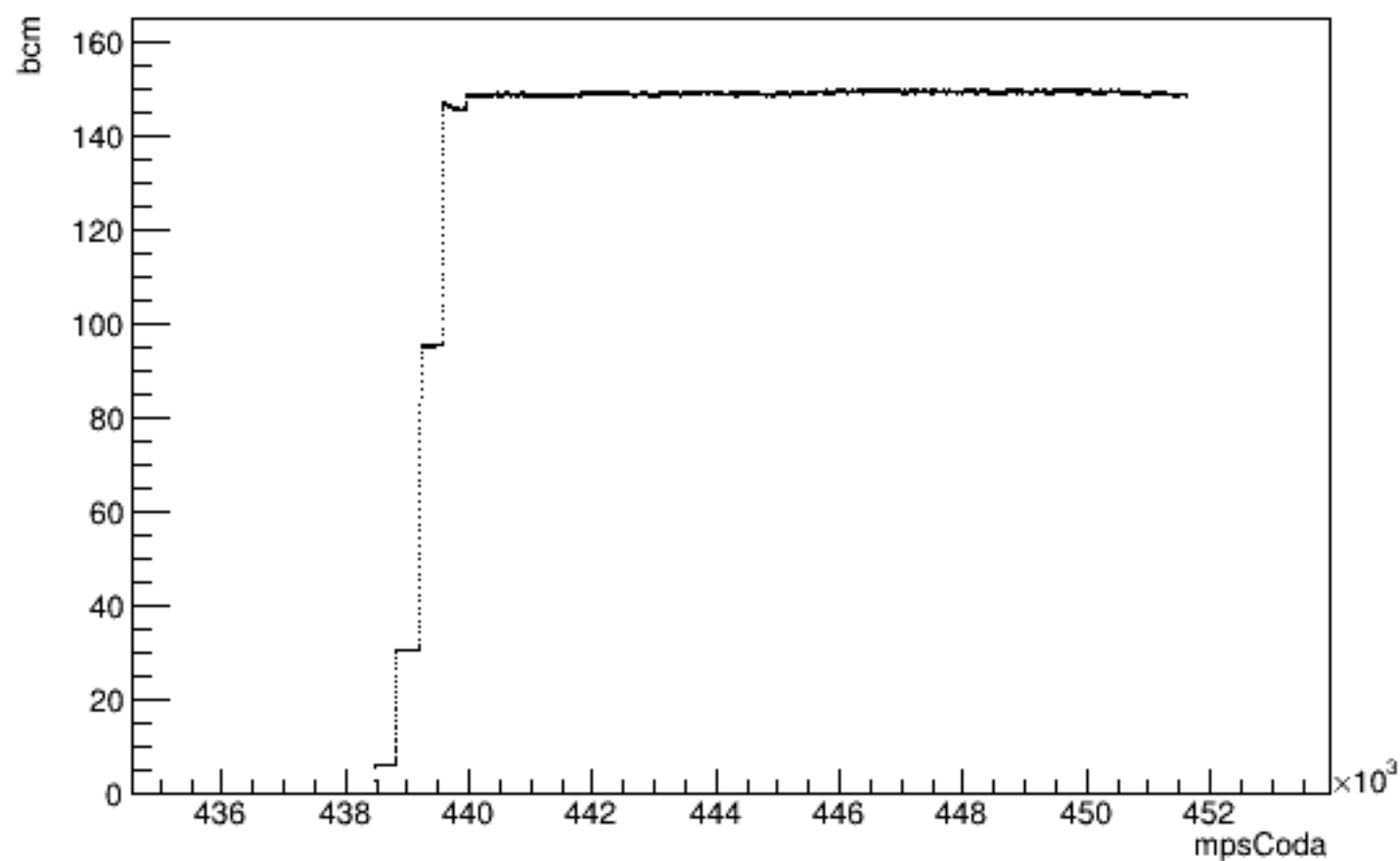
beamState + 1:mpsCoda {mpsCoda>=436431 && mpsCoda<=451610}



cavPowerCalibrated:mpsCoda {mpsCoda>=436431 && mpsCoda<=451610}



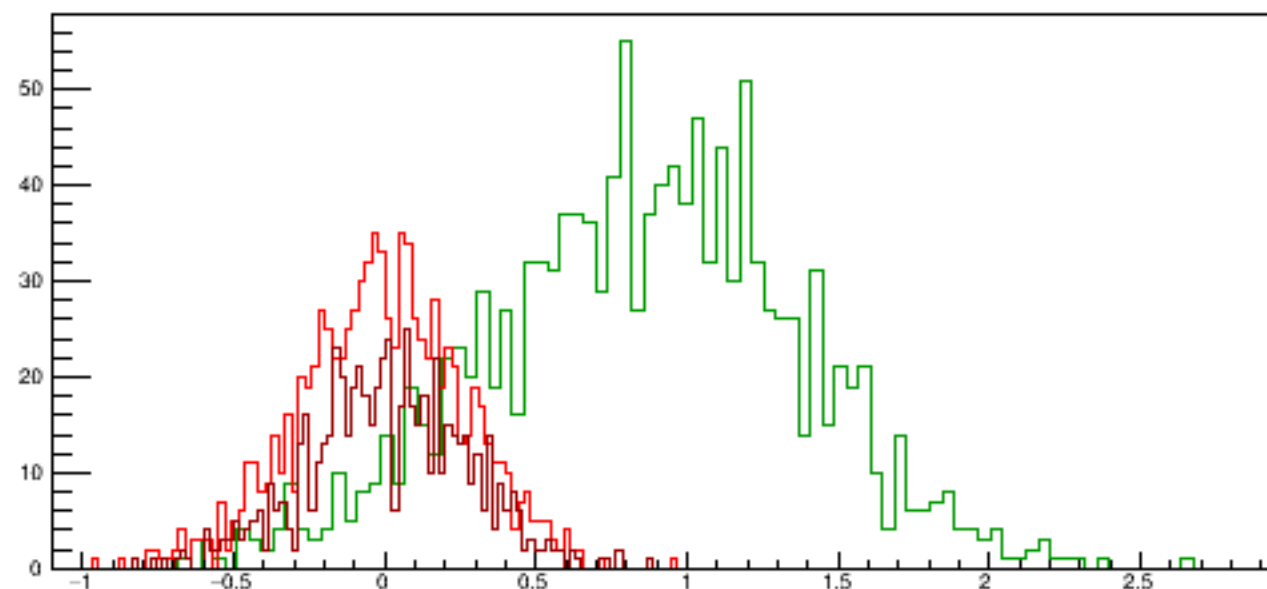
bcm:mpsCoda {mpsCoda>=436431 && mpsCoda<=451610}



Cycle 13, Diffs

Entries: 907	Entries: 1327	Entries: 636
Mean: -0.0111 +/- 0.0090	Mean: 0.8495 +/- 0.0143	Mean: 0.0092 +/- 0.0106
Std Dev: 0.2722 +/- 0.0064	Std Dev: 0.5202 +/- 0.0101	Std Dev: 0.2668 +/- 0.0075

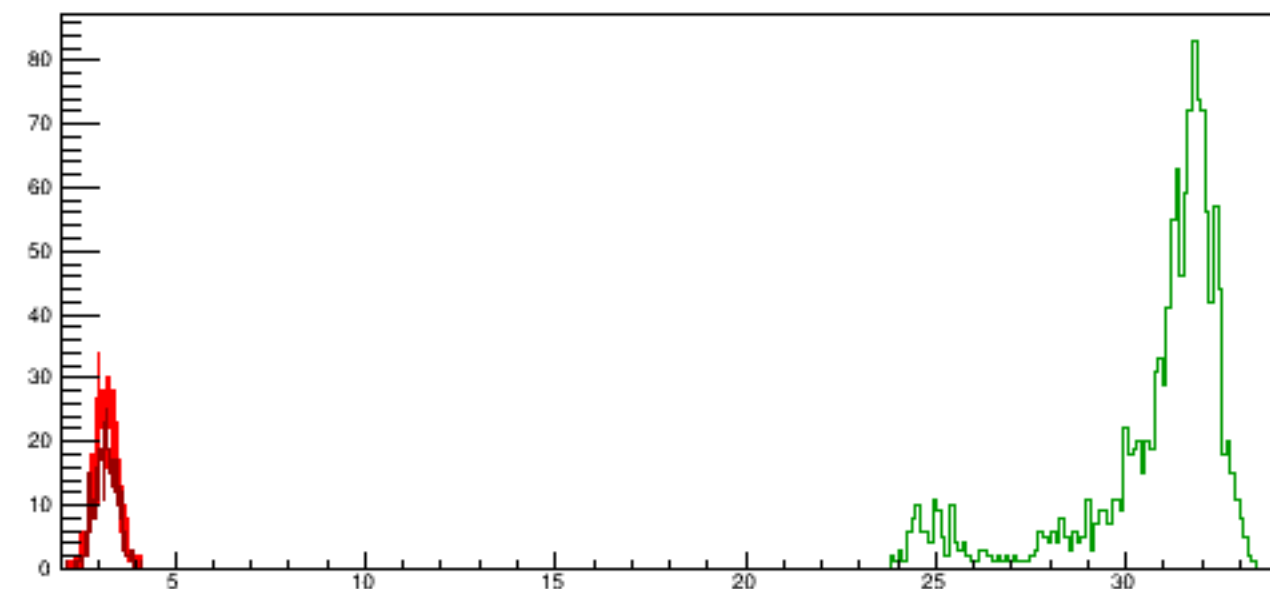
Run 5338 quartetwise, Diffs



Cycle 13, Sums

Entries: 907	Entries: 1327	Entries: 636
Mean: 3.1724 +/- 0.0100	Mean: 30.7549 +/- 0.0563	Mean: 3.1948 +/- 0.0117
Std Dev: 0.3025 +/- 0.0071	Std Dev: 2.0504 +/- 0.0398	Std Dev: 0.2939 +/- 0.0082

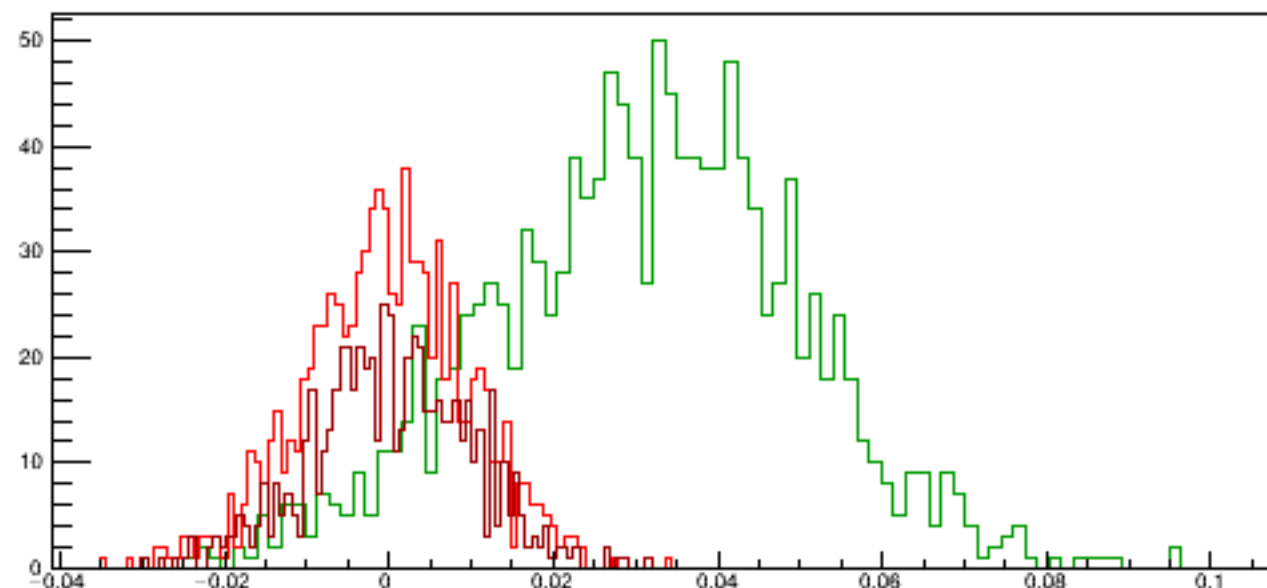
Run 5338 quartetwise, Sums



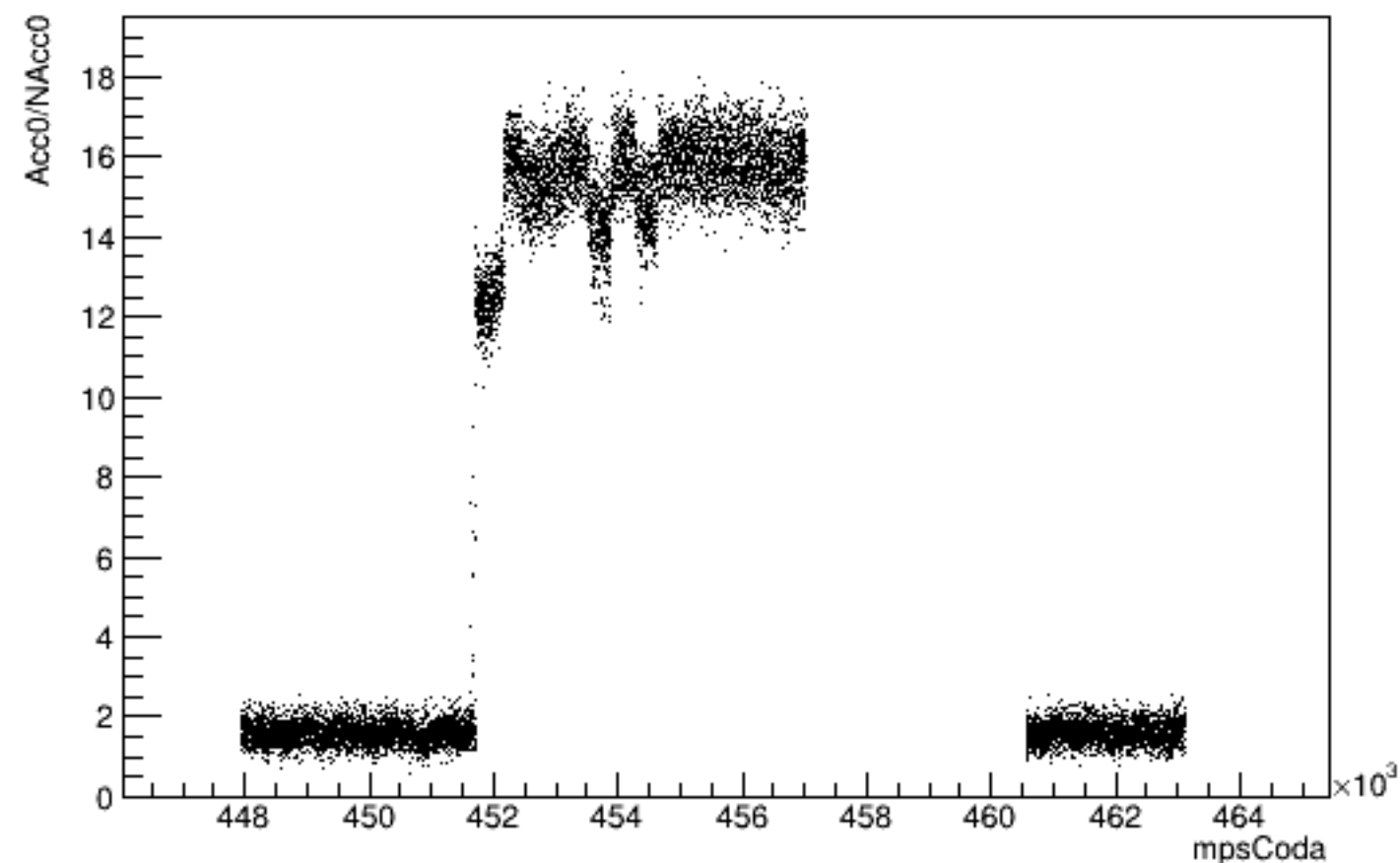
Cycle 13, Asyms

Entries: 907	Entries: 1327	Entries: 636
Mean: -0.0004 +/- 0.0003	Mean: 0.0309 +/- 0.0005	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0099 +/- 0.0002	Std Dev: 0.0190 +/- 0.0004	Std Dev: 0.0097 +/- 0.0003

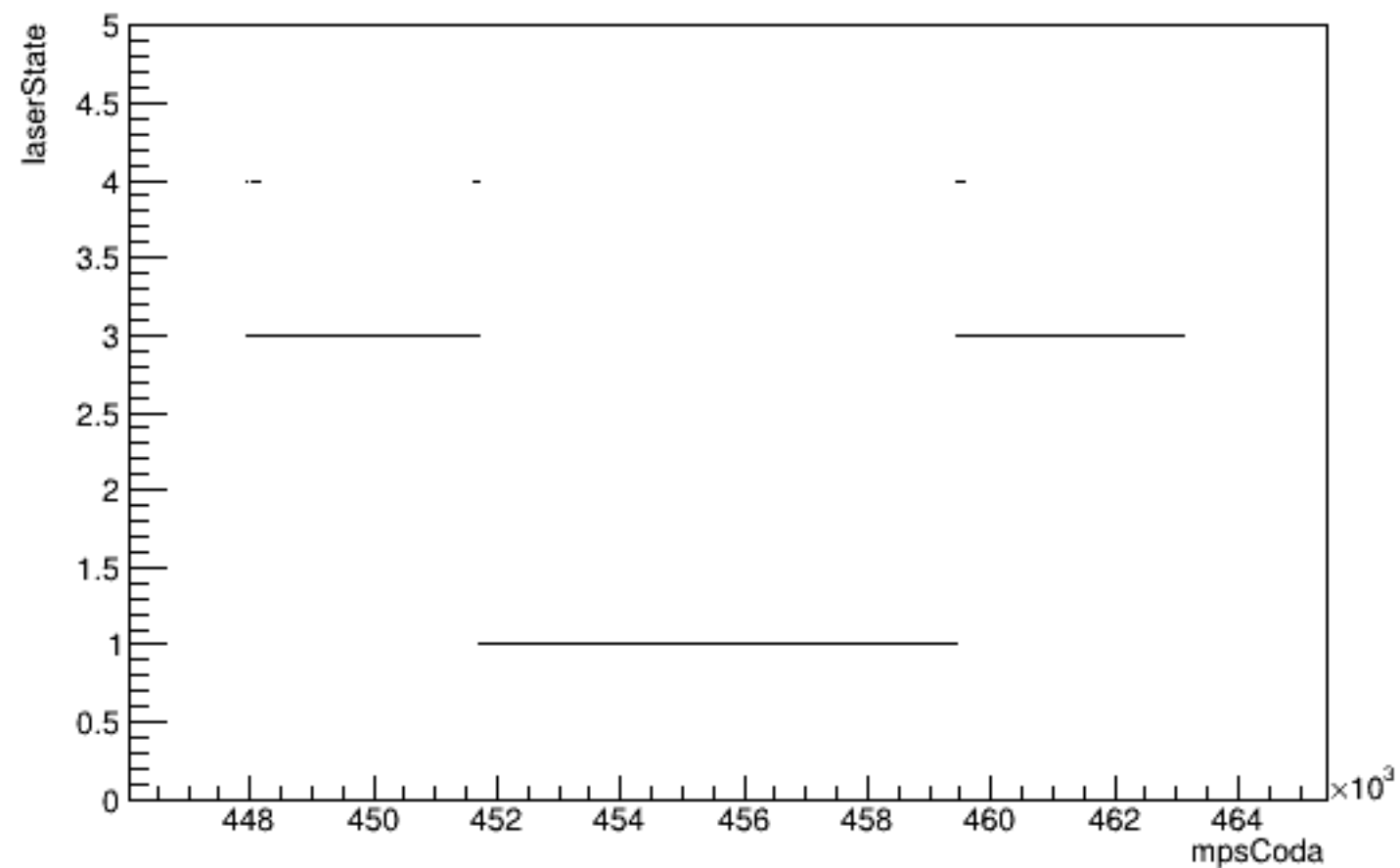
Run 5338 quartetwise, Asyms



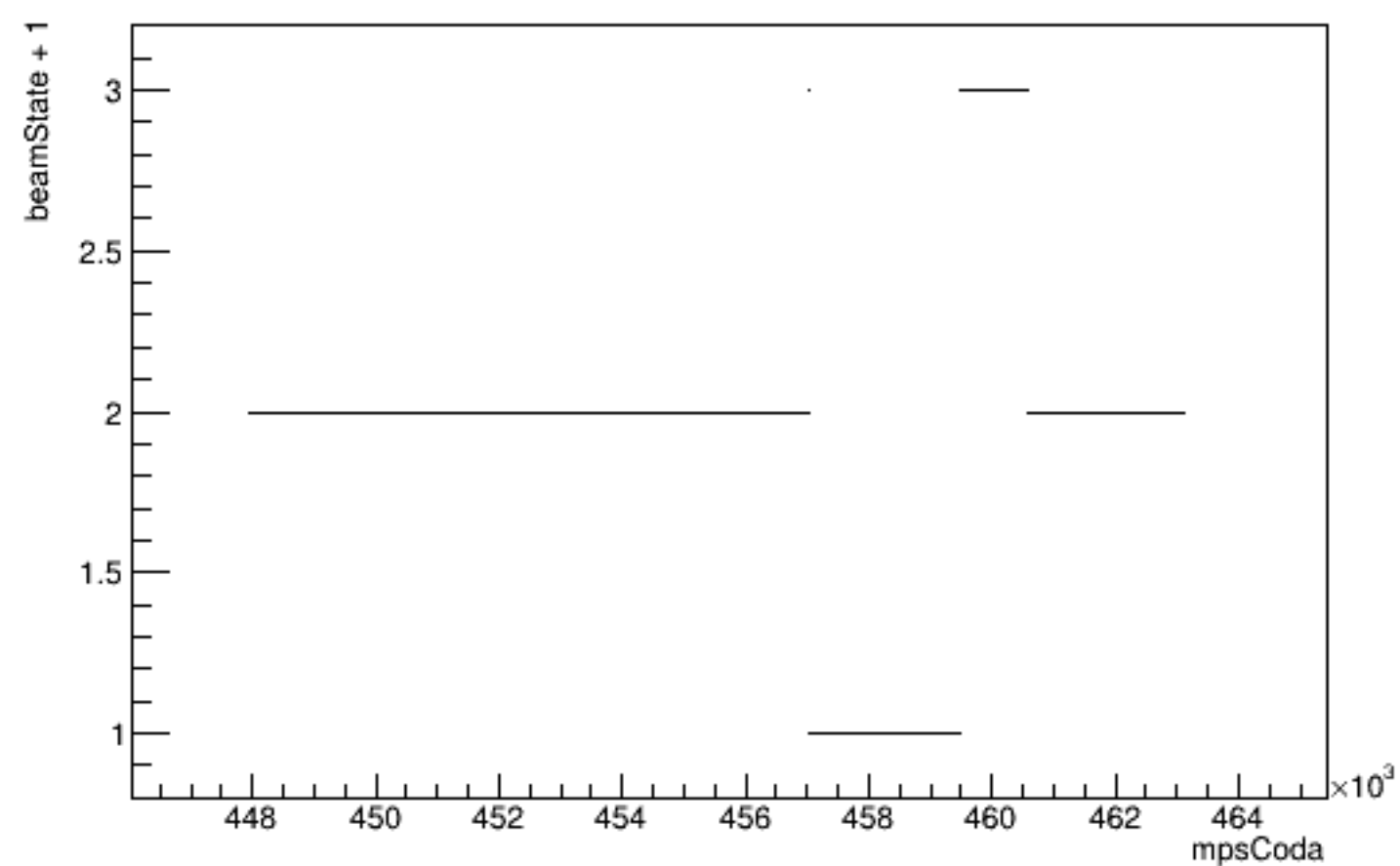
Acc0/NAcc0:mpsCoda (mpsCoda>=447943 && mpsCoda<=463106 && beamState==1)



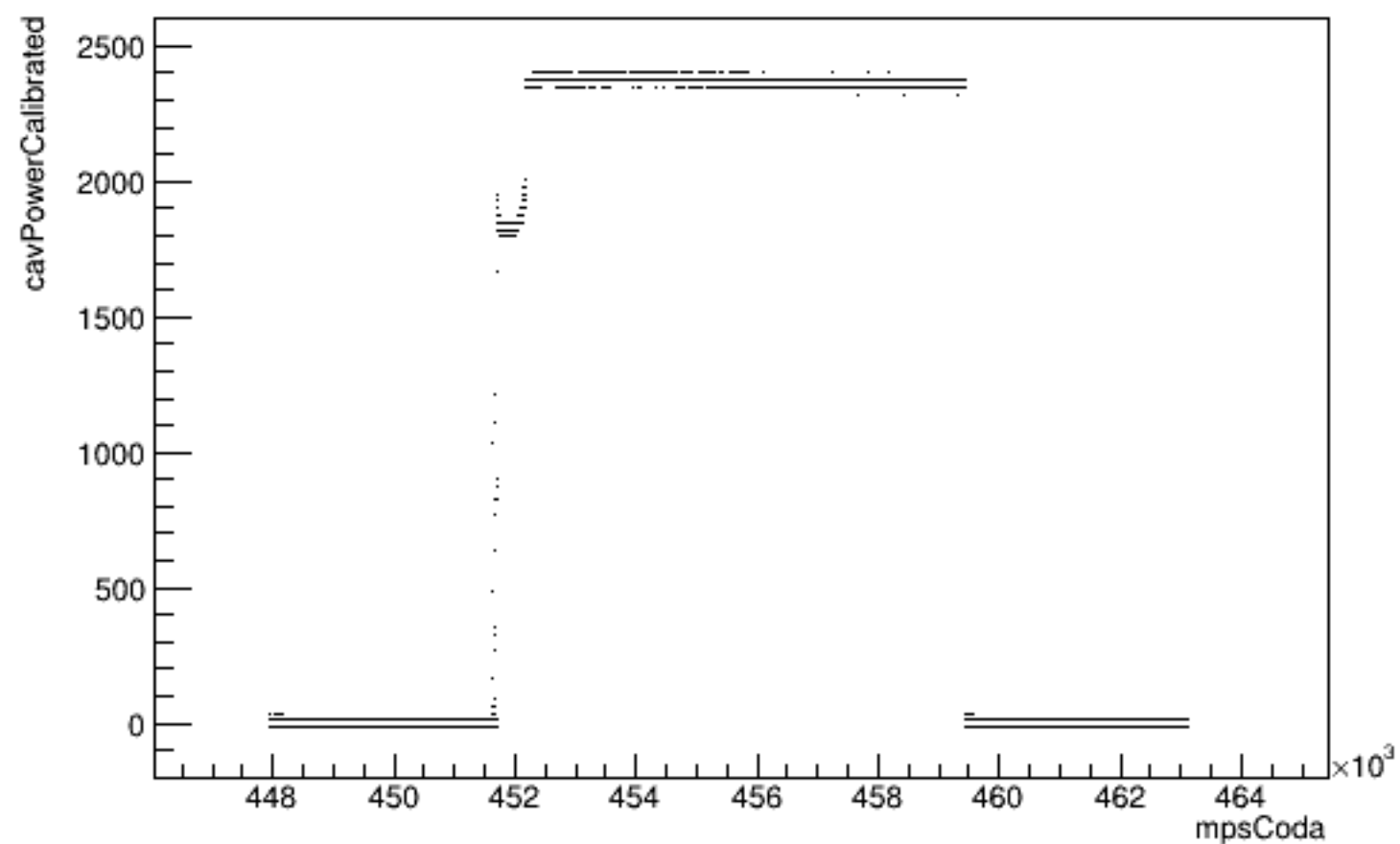
laserState:mpsCoda {mpsCoda>=447943 && mpsCoda<=463106}



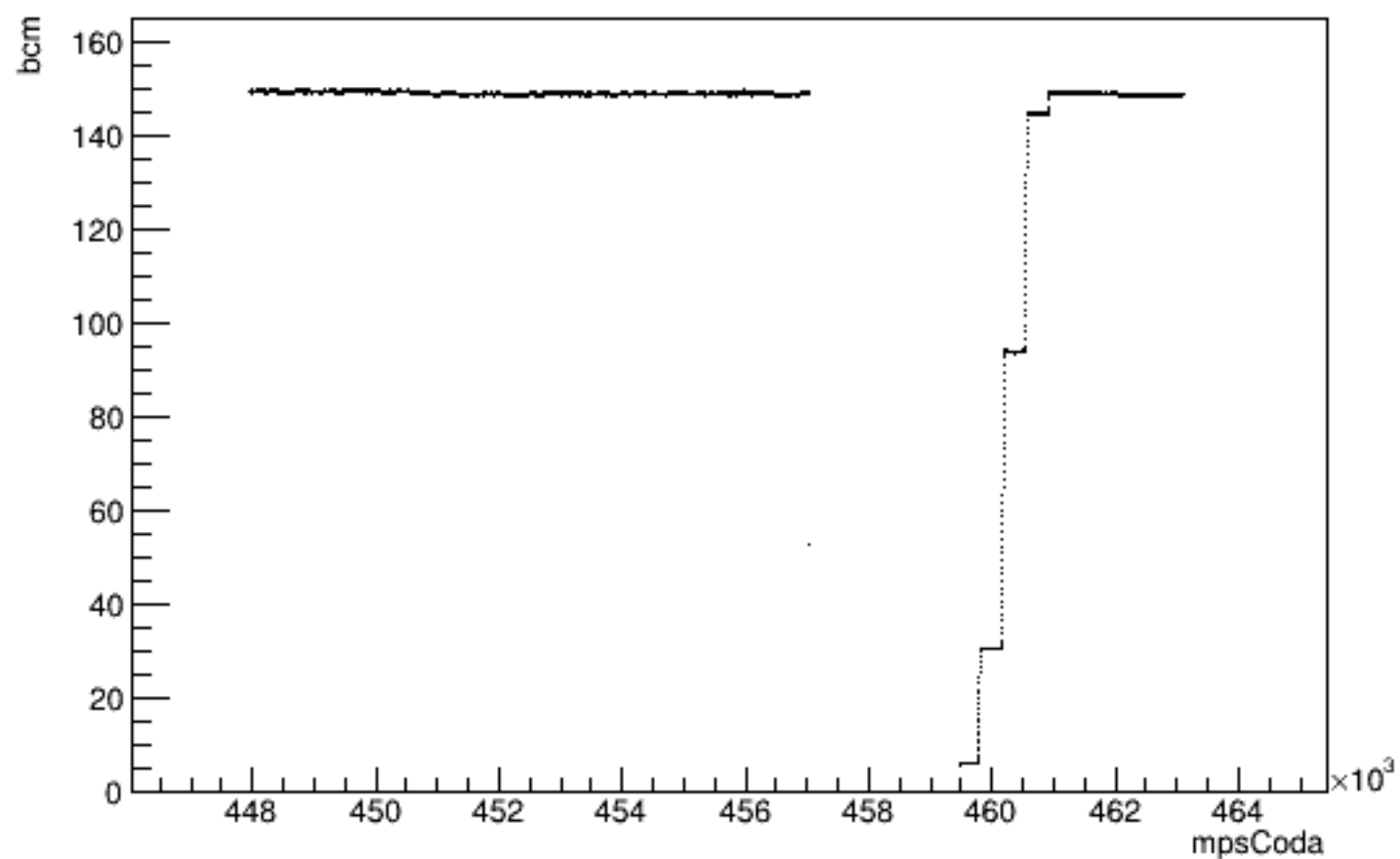
beamState + 1:mpsCoda {mpsCoda>=447943 && mpsCoda<=463106}



cavPowerCalibrated:mpsCoda {mpsCoda>=447943 && mpsCoda<=463106}



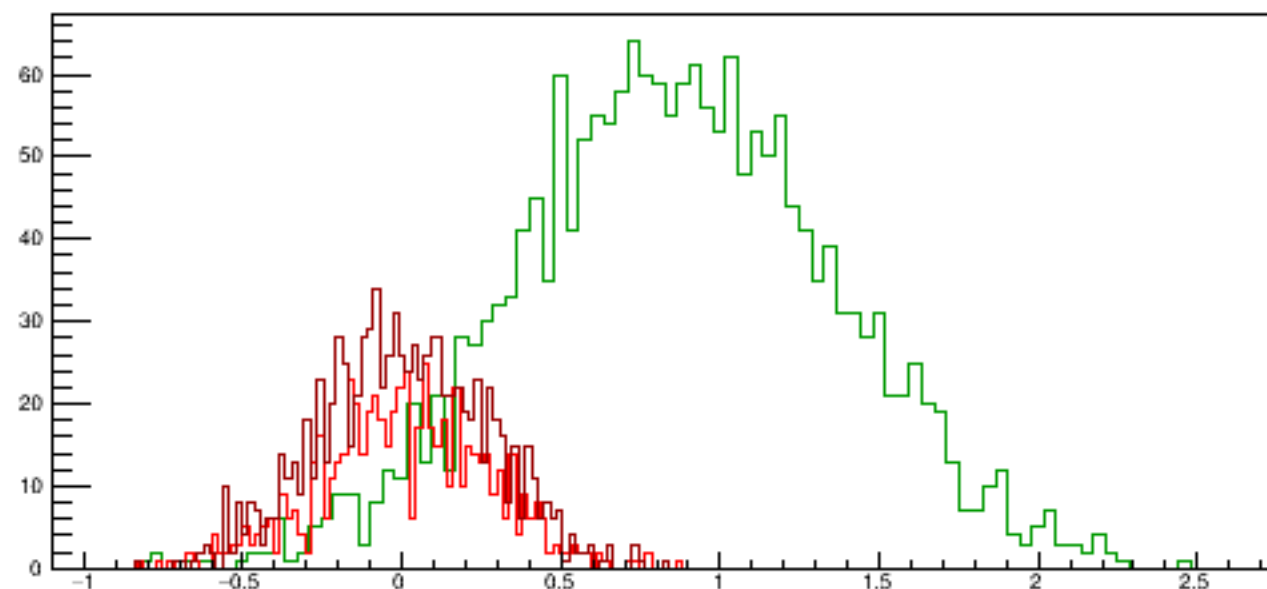
bcm:mpsCoda {mpsCoda>=447943 && mpsCoda<=463106}



Cycle 14, Diffs

Entries: 636	Entries: 1946	Entries: 934
Mean: 0.0092 +/- 0.0106	Mean: 0.8634 +/- 0.0113	Mean: 0.0026 +/- 0.0087
Std Dev: 0.2668 +/- 0.0075	Std Dev: 0.4998 +/- 0.0080	Std Dev: 0.2646 +/- 0.0061

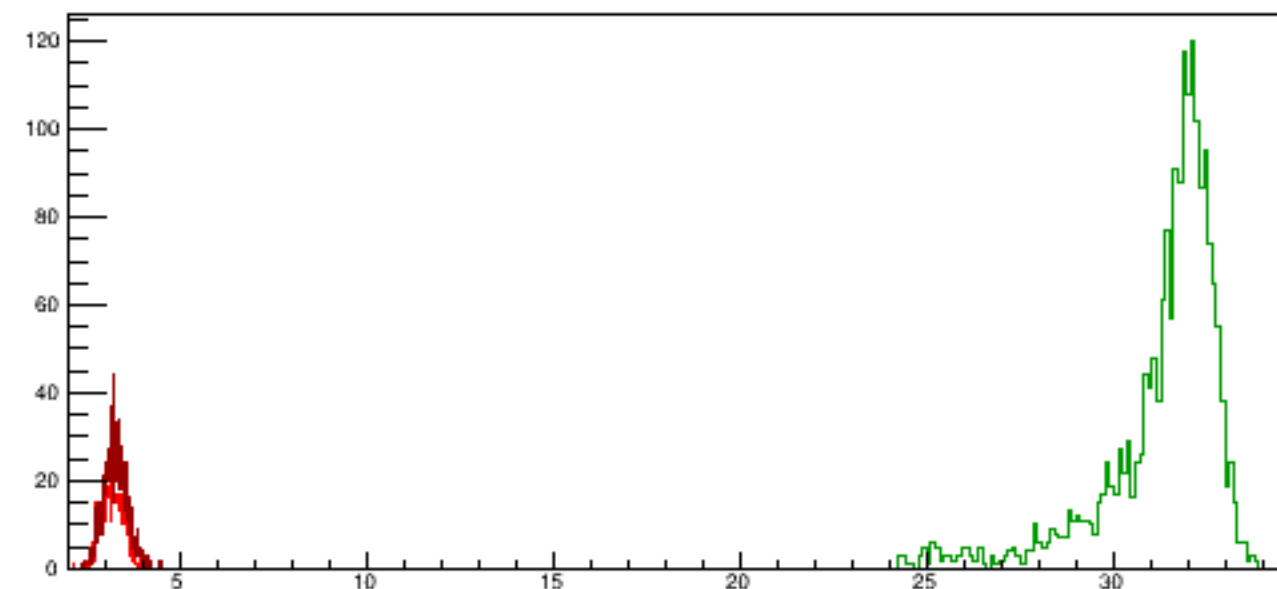
Run 5338 quartetwise, Diffs



Cycle 14, Sums

Entries: 636	Entries: 1946	Entries: 934
Mean: 3.1948 +/- 0.0117	Mean: 31.3021 +/- 0.0367	Mean: 3.2693 +/- 0.0104
Std Dev: 0.2939 +/- 0.0082	Std Dev: 1.6183 +/- 0.0259	Std Dev: 0.3192 +/- 0.0074

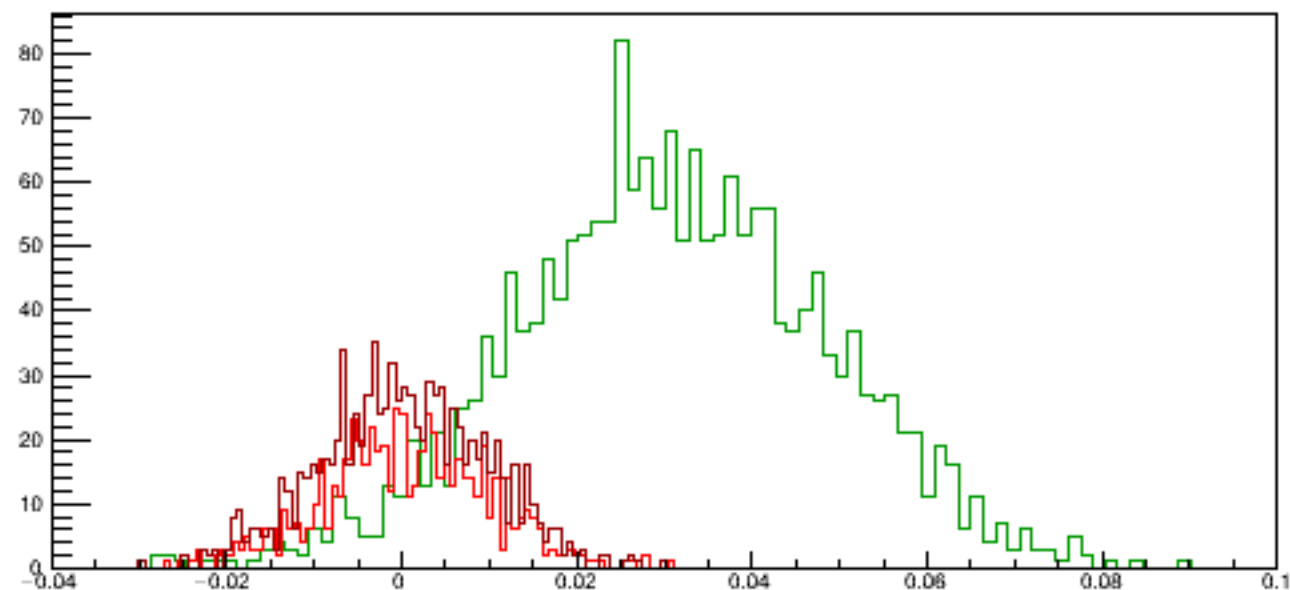
Run 5338 quartetwise, Sums



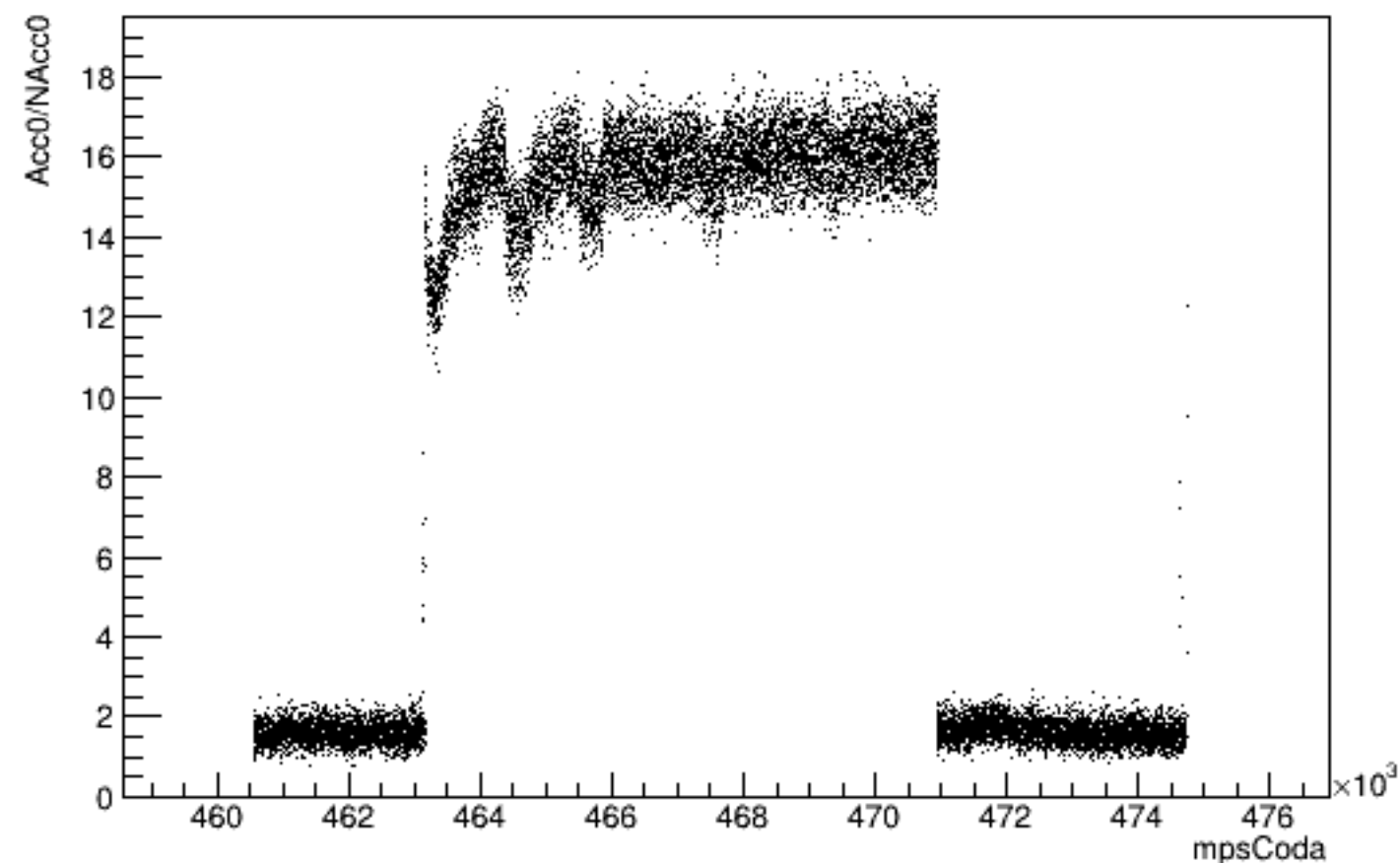
Cycle 14, Asyms

Entries: 636	Entries: 1946	Entries: 934
Mean: 0.0003 +/- 0.0004	Mean: 0.0307 +/- 0.0004	Mean: 0.0001 +/- 0.0003
Std Dev: 0.0095 +/- 0.0003	Std Dev: 0.0177 +/- 0.0003	Std Dev: 0.0094 +/- 0.0002

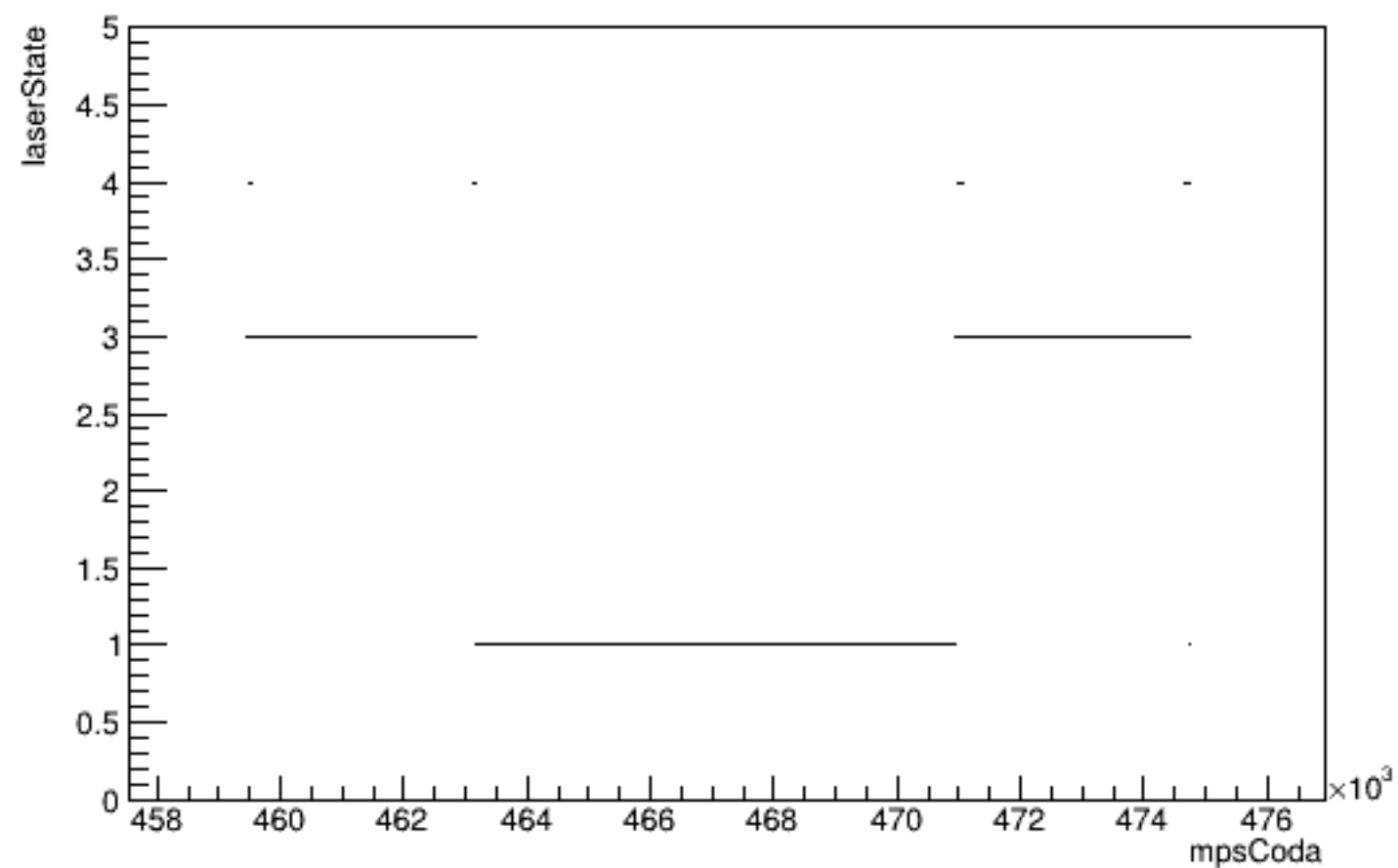
Run 5338 quartetwise, Asyms



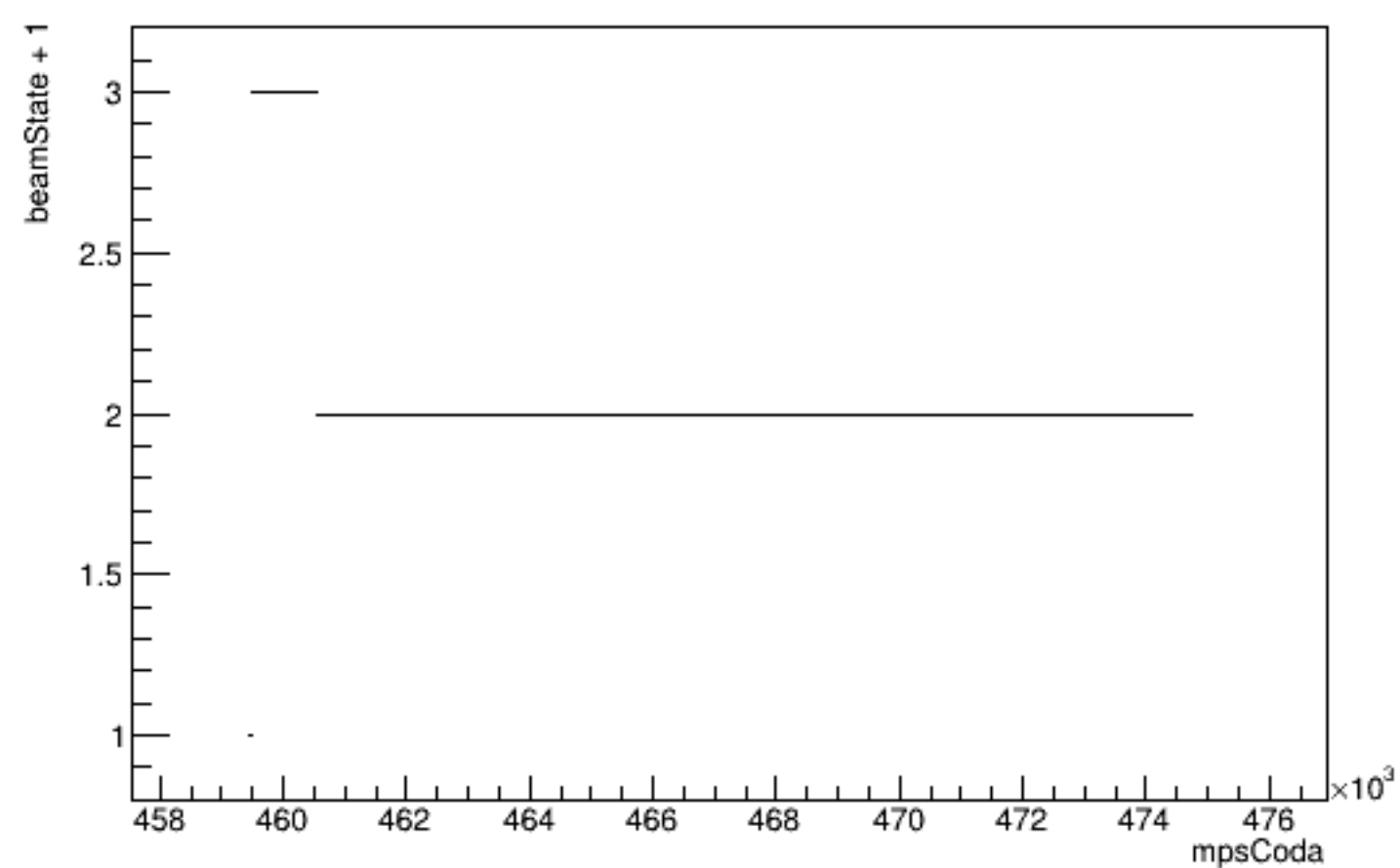
Acc0/NAcc0:mpsCoda (mpsCoda>=459451 && mpsCoda<=474738 && beamState==1)



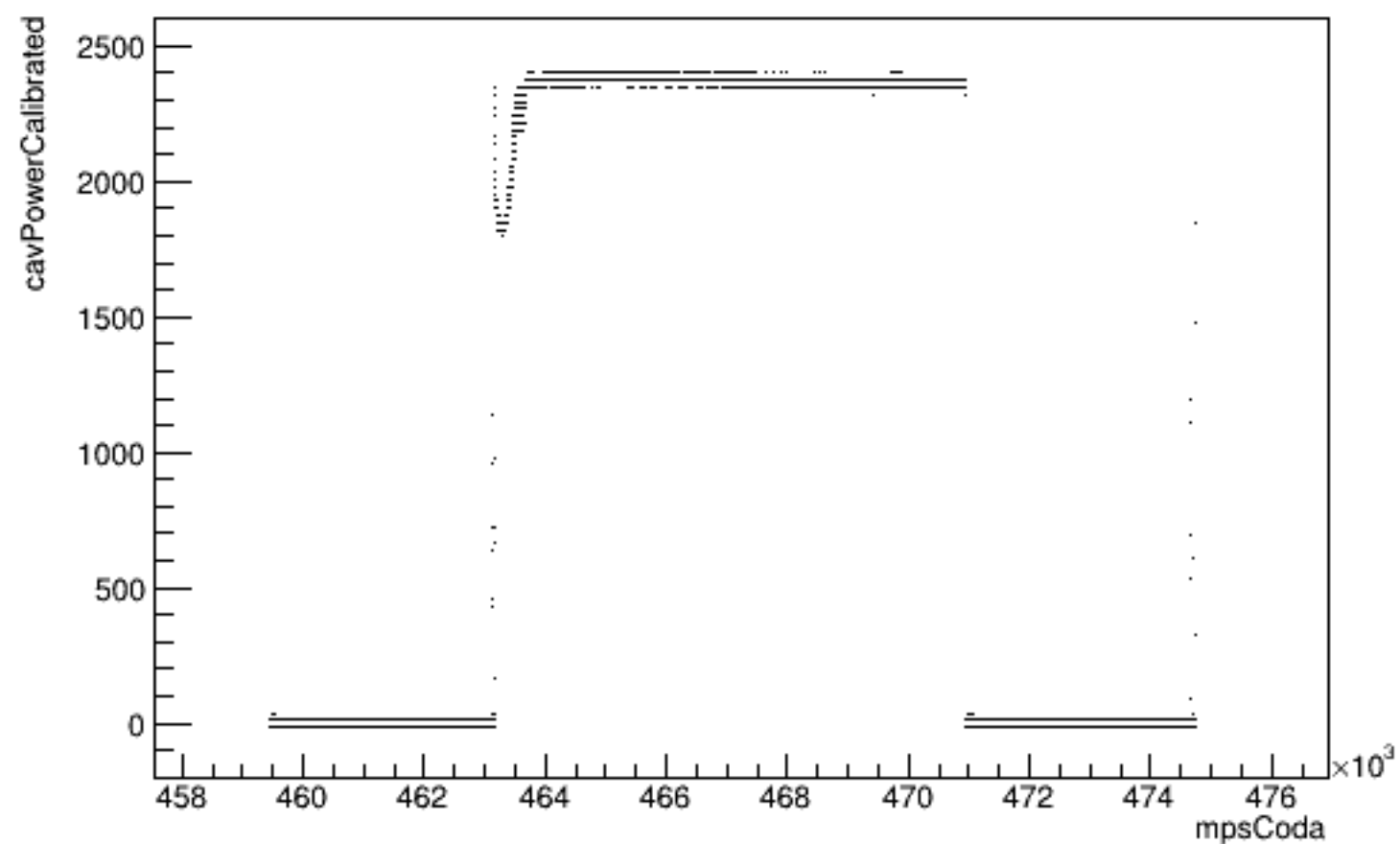
laserState:mpsCoda {mpsCoda>=459451 && mpsCoda<=474738}



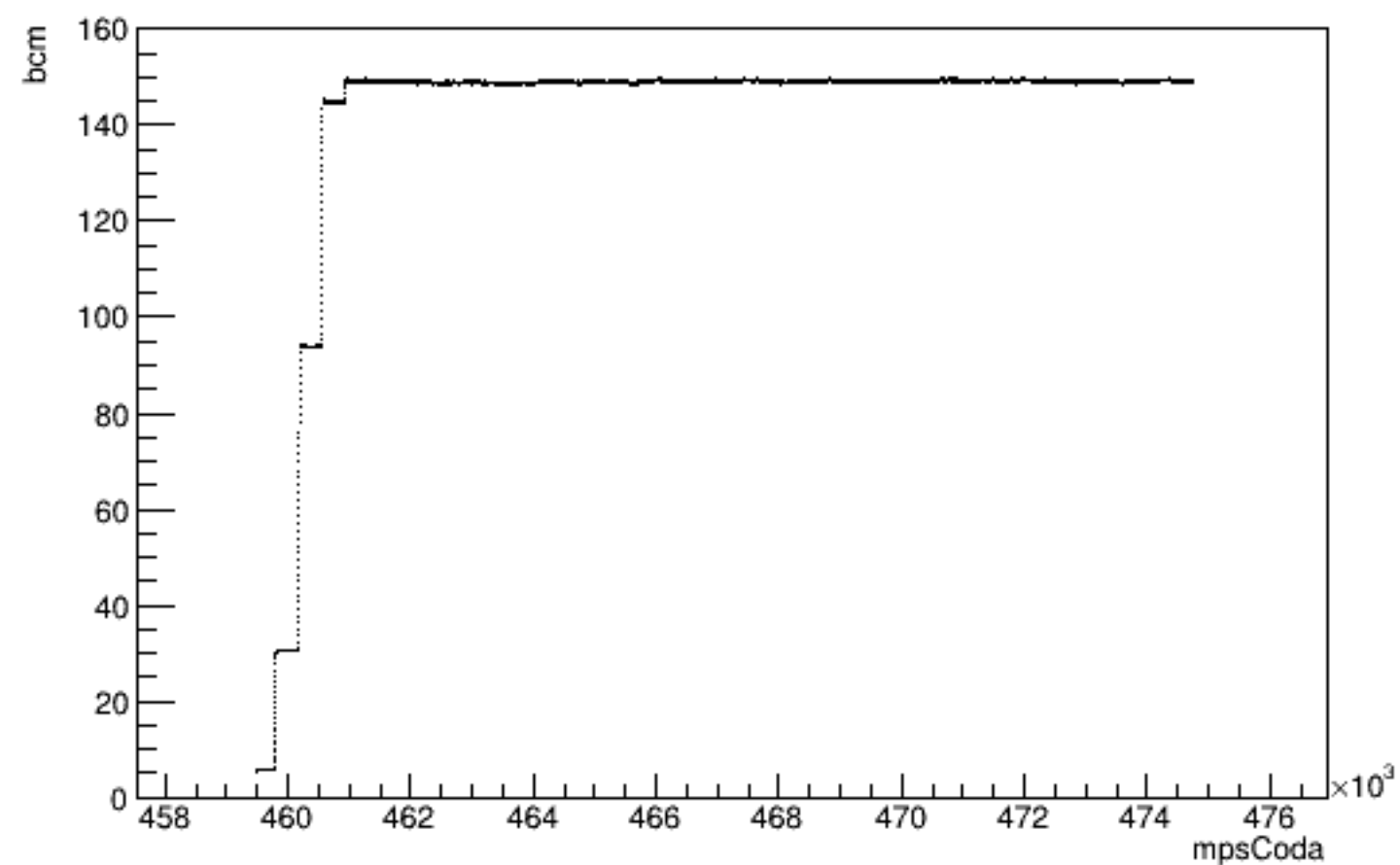
beamState + 1:mpsCoda {mpsCoda>=459451 && mpsCoda<=474738}



cavPowerCalibrated:mpsCoda {mpsCoda>=459451 && mpsCoda<=474738}



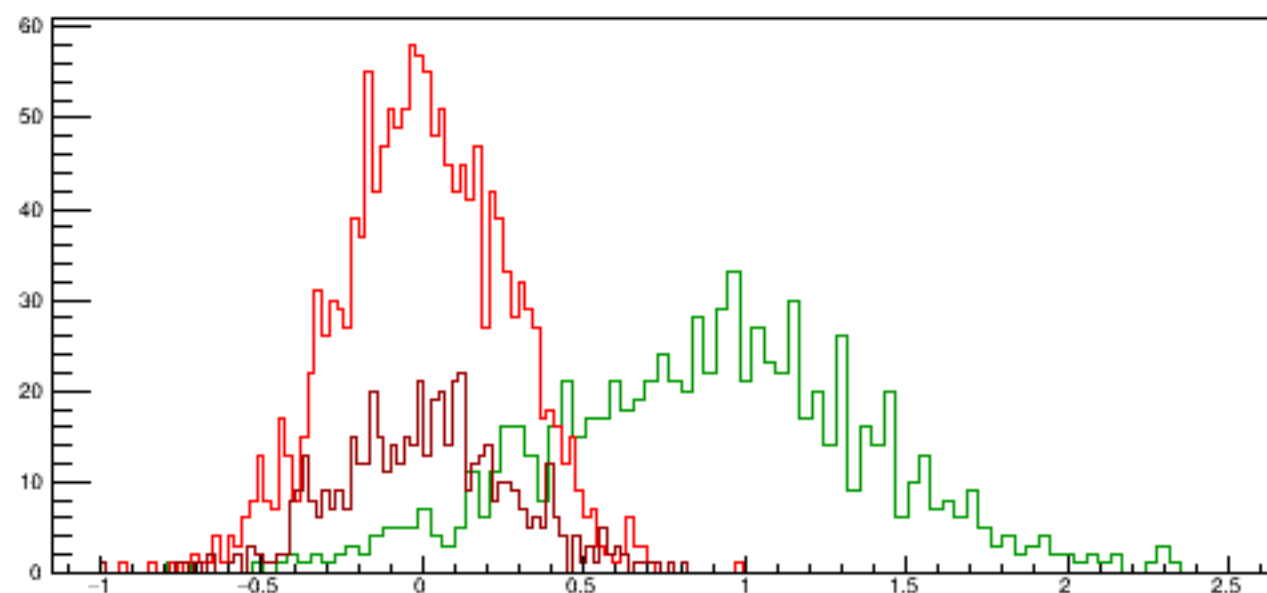
bcm:mpsCoda {mpsCoda>=459451 && mpsCoda<=474738}



Cycle 15, Diffs

Entries: 1519	Entries: 832	Entries: 523
Mean: 0.0048 +/- 0.0066	Mean: 0.8866 +/- 0.0175	Mean: 0.0093 +/- 0.0119
Std Dev: 0.2579 +/- 0.0047	Std Dev: 0.5050 +/- 0.0124	Std Dev: 0.2716 +/- 0.0084

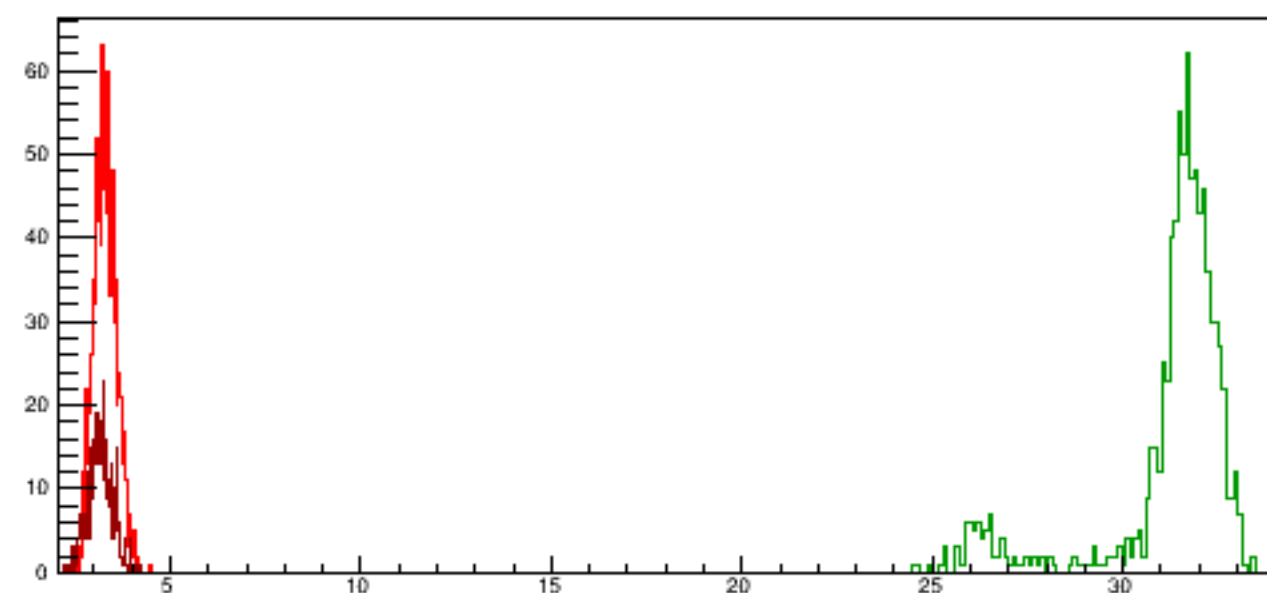
Run 5338 quartetwise, Diffs



Cycle 15, Sums

Entries: 1519	Entries: 832	Entries: 523
Mean: 3.2881 +/- 0.0077	Mean: 31.2362 +/- 0.0583	Mean: 3.1639 +/- 0.0141
Std Dev: 0.2997 +/- 0.0054	Std Dev: 1.6807 +/- 0.0412	Std Dev: 0.3225 +/- 0.0100

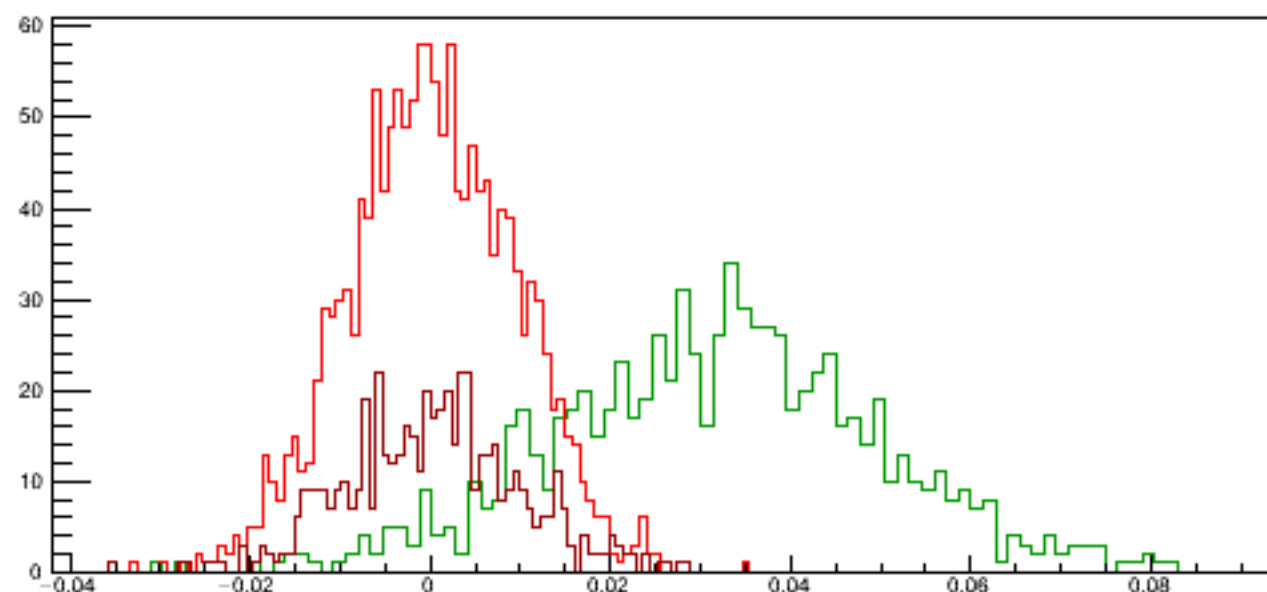
Run 5338 quartetwise, Sums



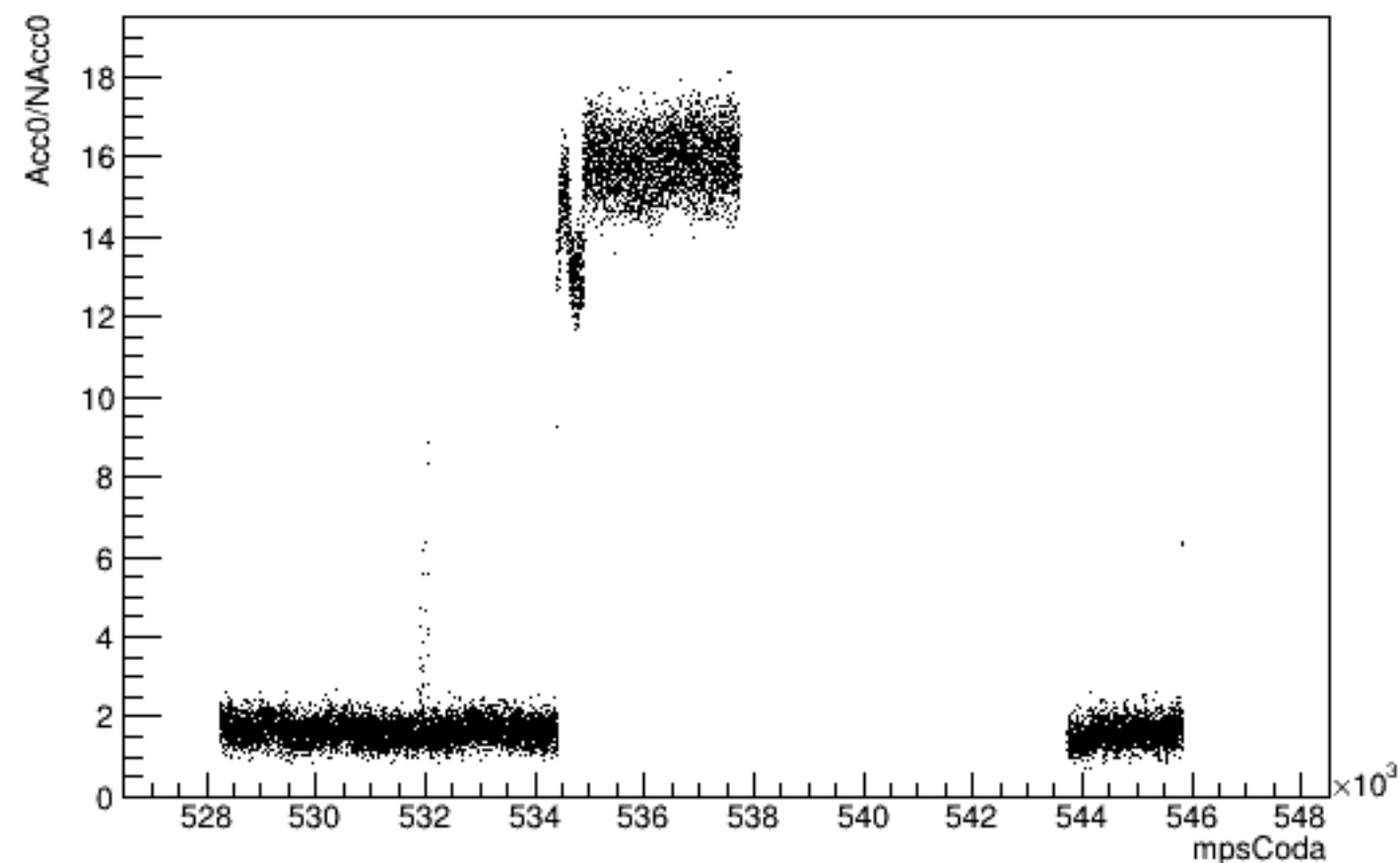
Cycle 15, Asyms

Entries: 1519	Entries: 832	Entries: 523
Mean: 0.0002 +/- 0.0002	Mean: 0.0316 +/- 0.0006	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0092 +/- 0.0002	Std Dev: 0.0181 +/- 0.0004	Std Dev: 0.0097 +/- 0.0003

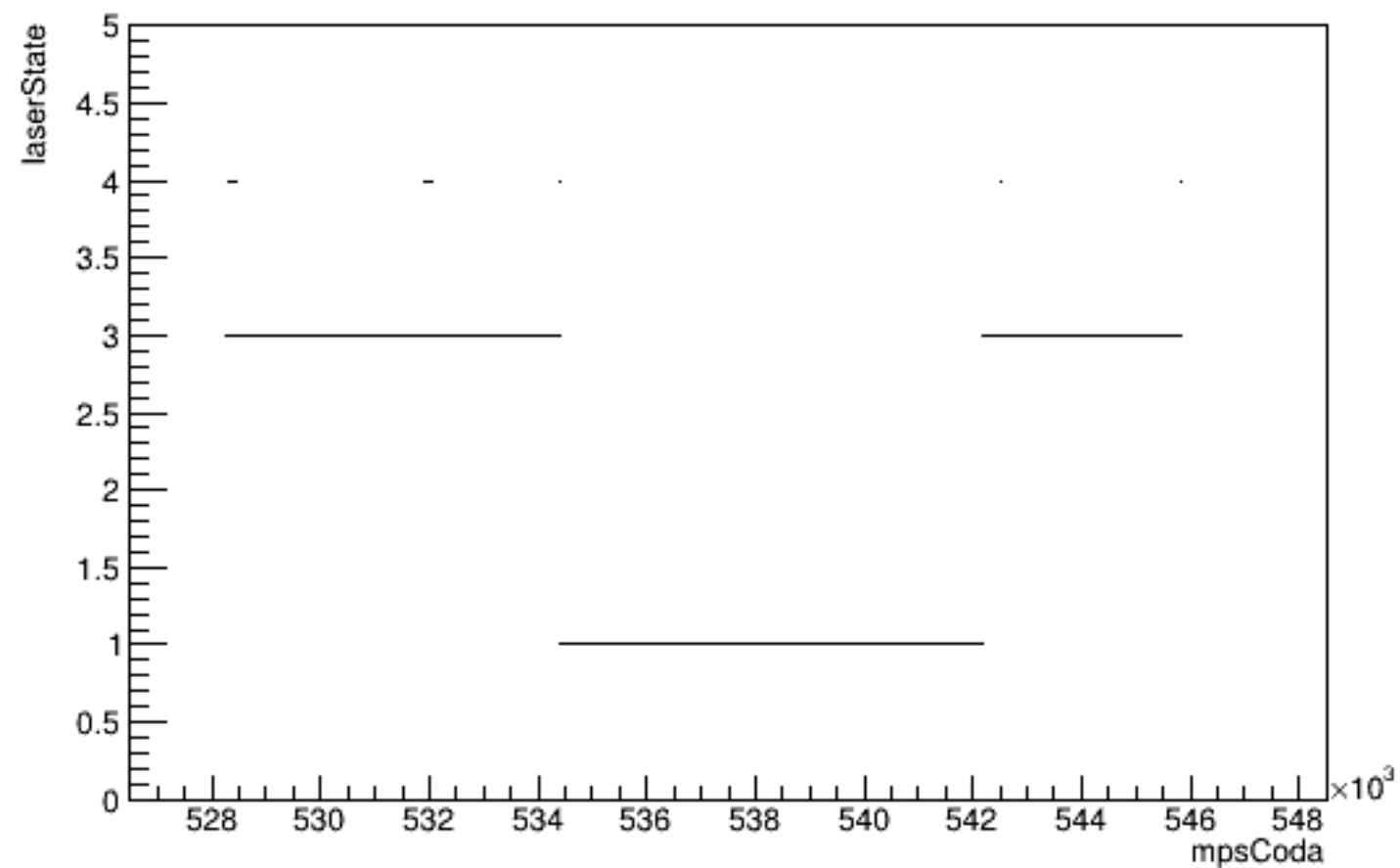
Run 5338 quartetwise, Asyms



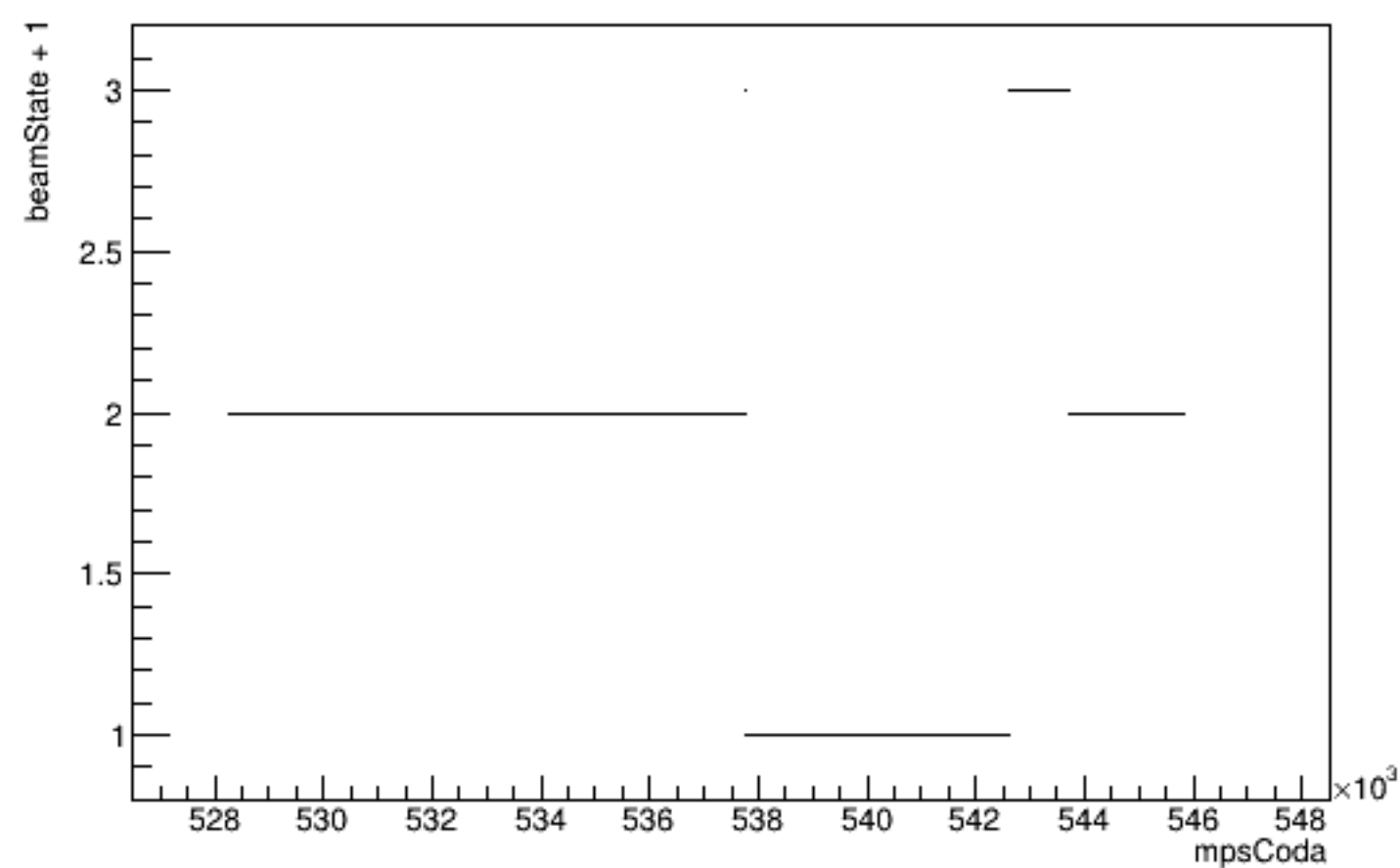
Acc0/NAcc0:mpsCoda (mpsCoda>=528247 && mpsCoda<=545830 && beamState==1)



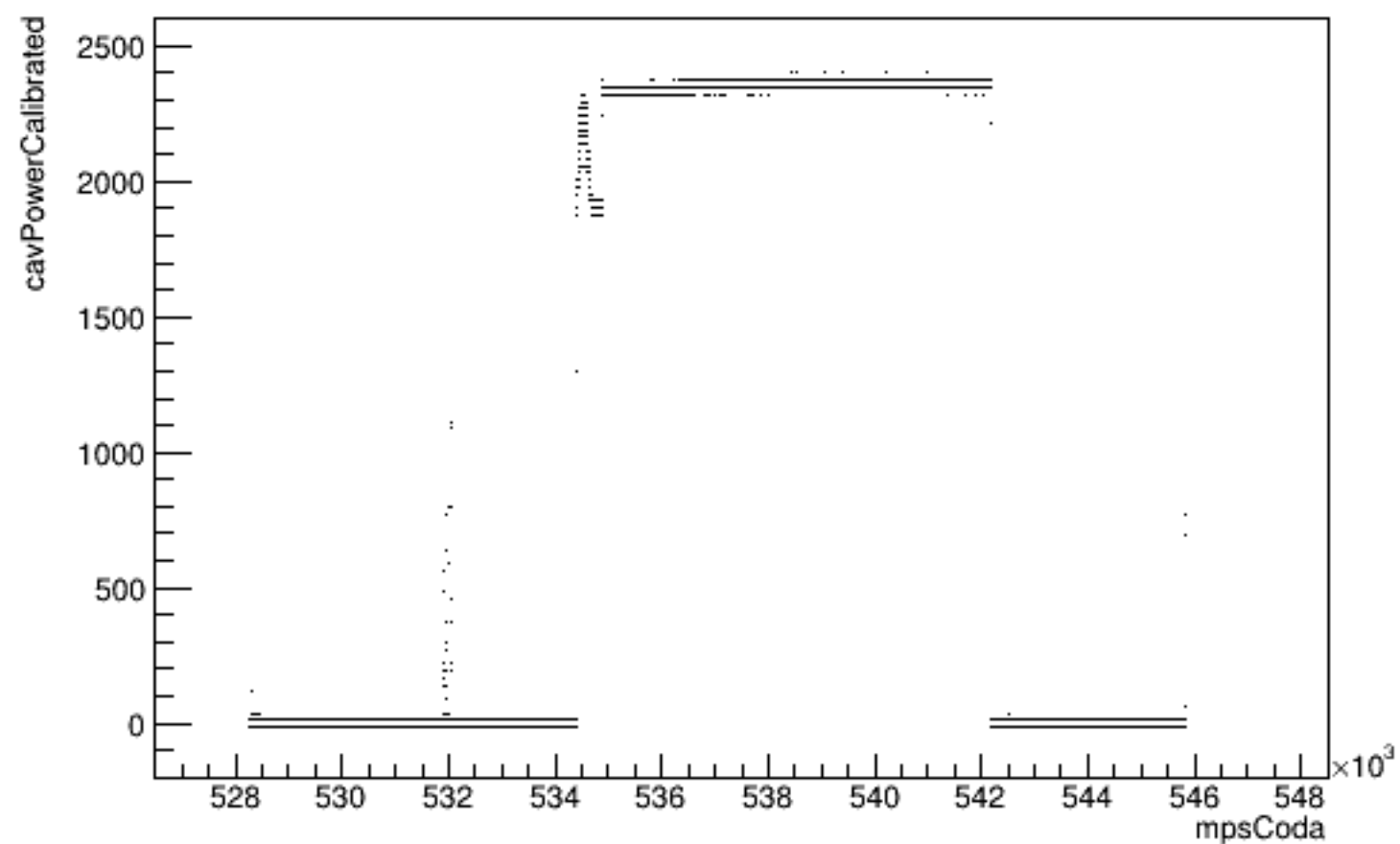
laserState:mpsCoda {mpsCoda>=528247 && mpsCoda<=545830}



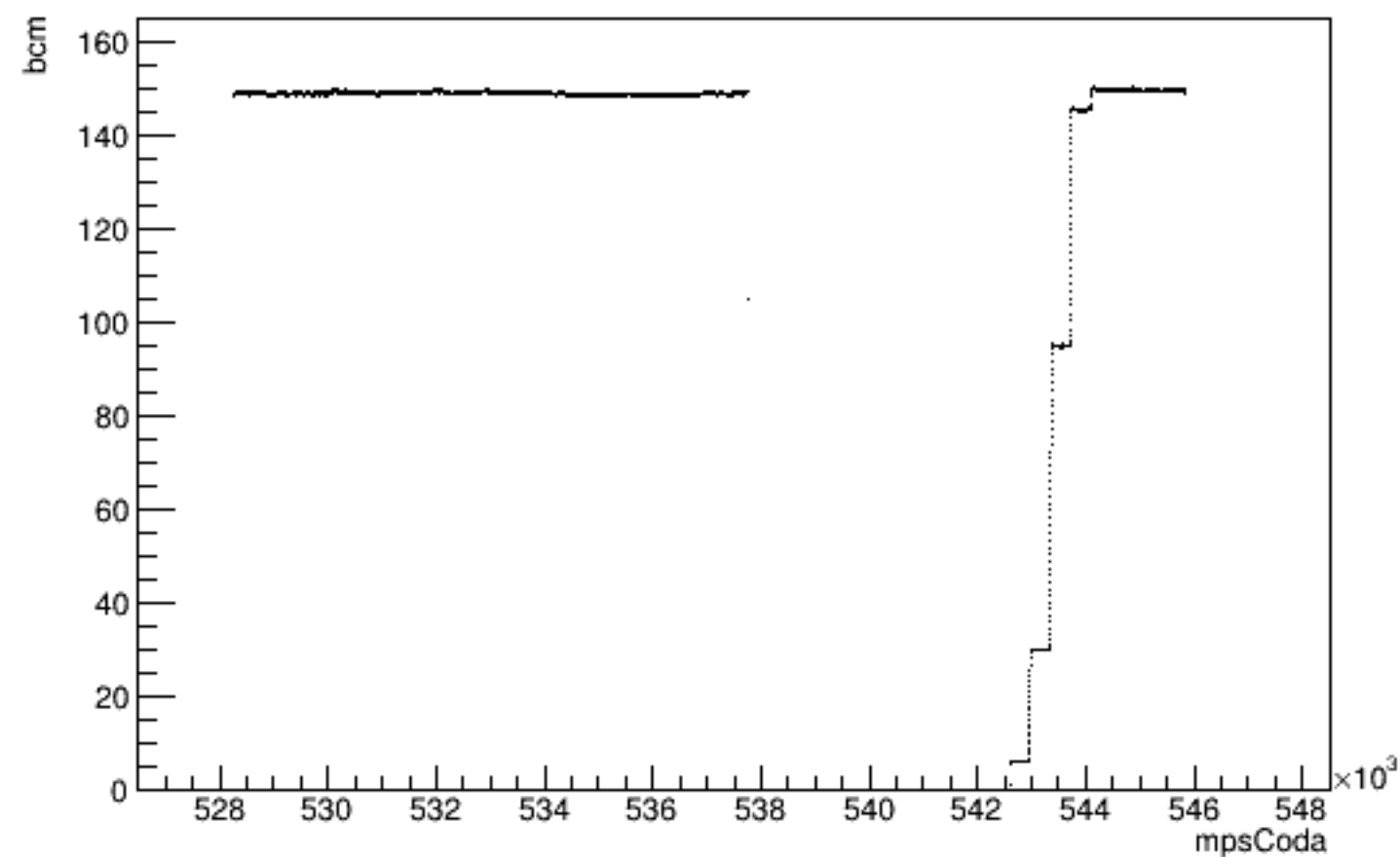
beamState + 1:mpsCoda {mpsCoda>=528247 && mpsCoda<=545830}



cavPowerCalibrated:mpsCoda {mpsCoda>=528247 && mpsCoda<=545830}



bcm:mpsCoda {mpsCoda>=528247 && mpsCoda<=545830}



Cycle 16, Diffs

Entries: 523

Mean: 0.0093 +/- 0.0119

Std Dev: 0.2716 +/- 0.0084

Entries: 782

Mean: 0.8326 +/- 0.0184

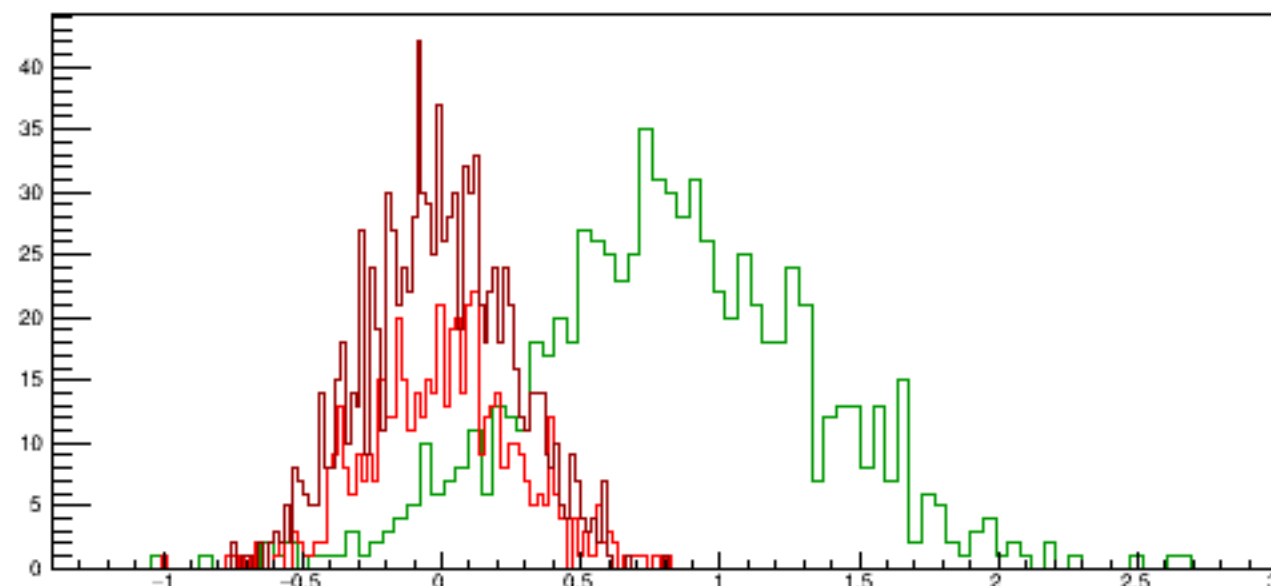
Std Dev: 0.5150 +/- 0.0130

Entries: 1058

Mean: -0.0123 +/- 0.0079

Std Dev: 0.2578 +/- 0.0056

Run 5338 quartetwise, Diffs



Cycle 16, Sums

Entries: 523

Mean: 3.1639 +/- 0.0141

Std Dev: 0.3225 +/- 0.0100

Entries: 782

Mean: 30.2654 +/- 0.0655

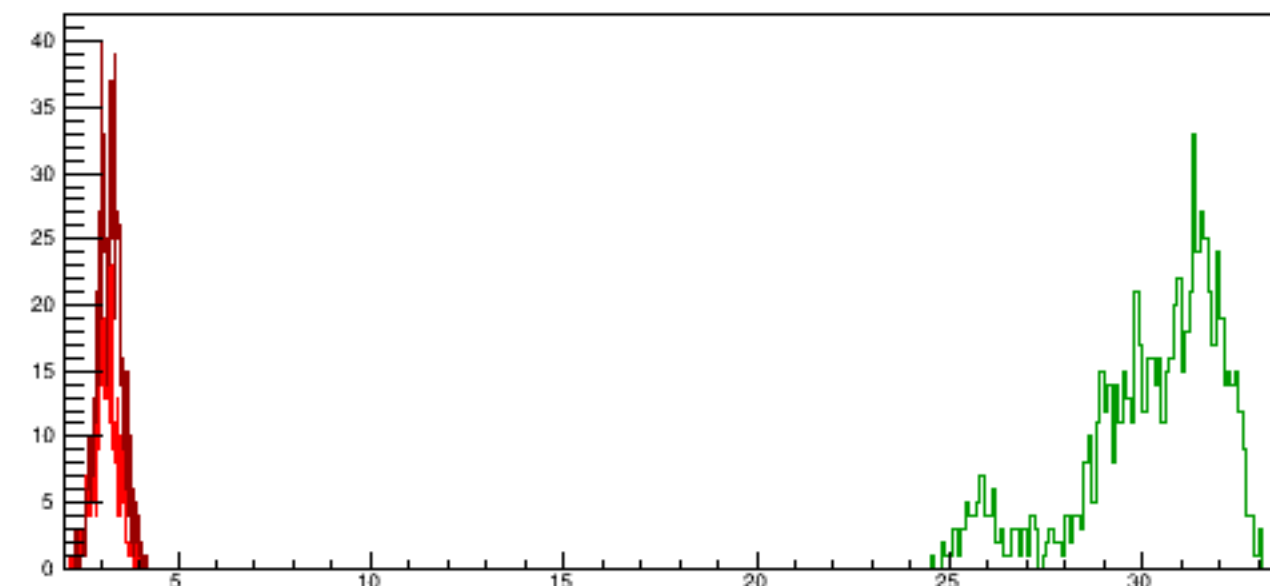
Std Dev: 1.8319 +/- 0.0463

Entries: 1058

Mean: 3.2336 +/- 0.0093

Std Dev: 0.3038 +/- 0.0066

Run 5338 quartetwise, Sums



Cycle 16, Asyms

Entries: 523

Mean: 0.0003 +/- 0.0004

Std Dev: 0.0100 +/- 0.0003

Entries: 782

Mean: 0.0308 +/- 0.0007

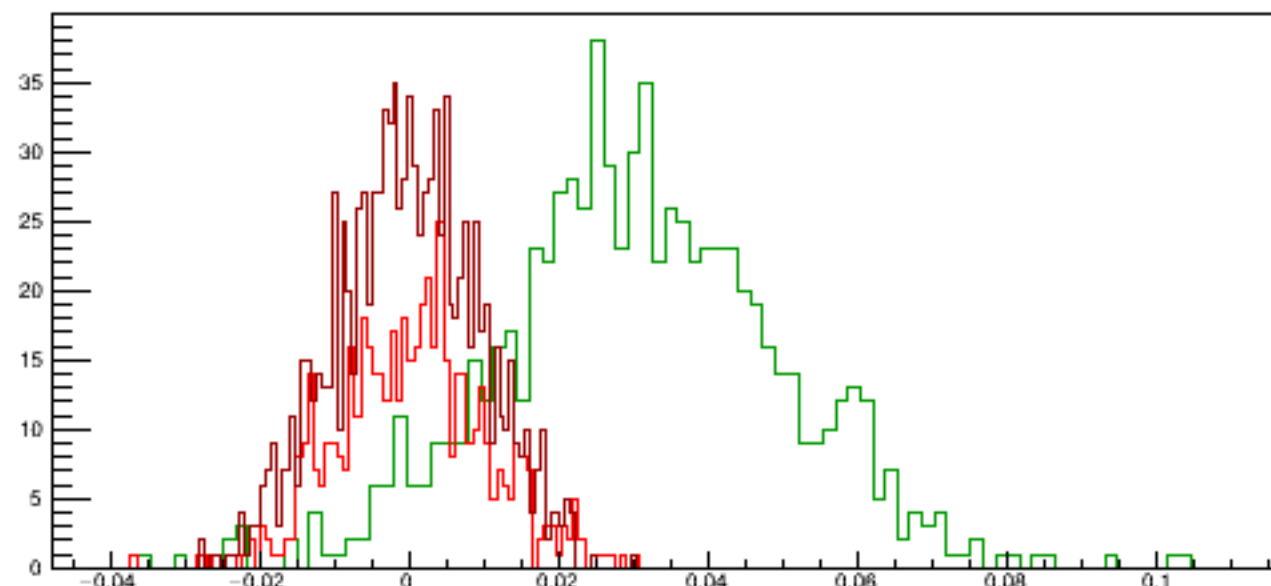
Std Dev: 0.0191 +/- 0.0005

Entries: 1058

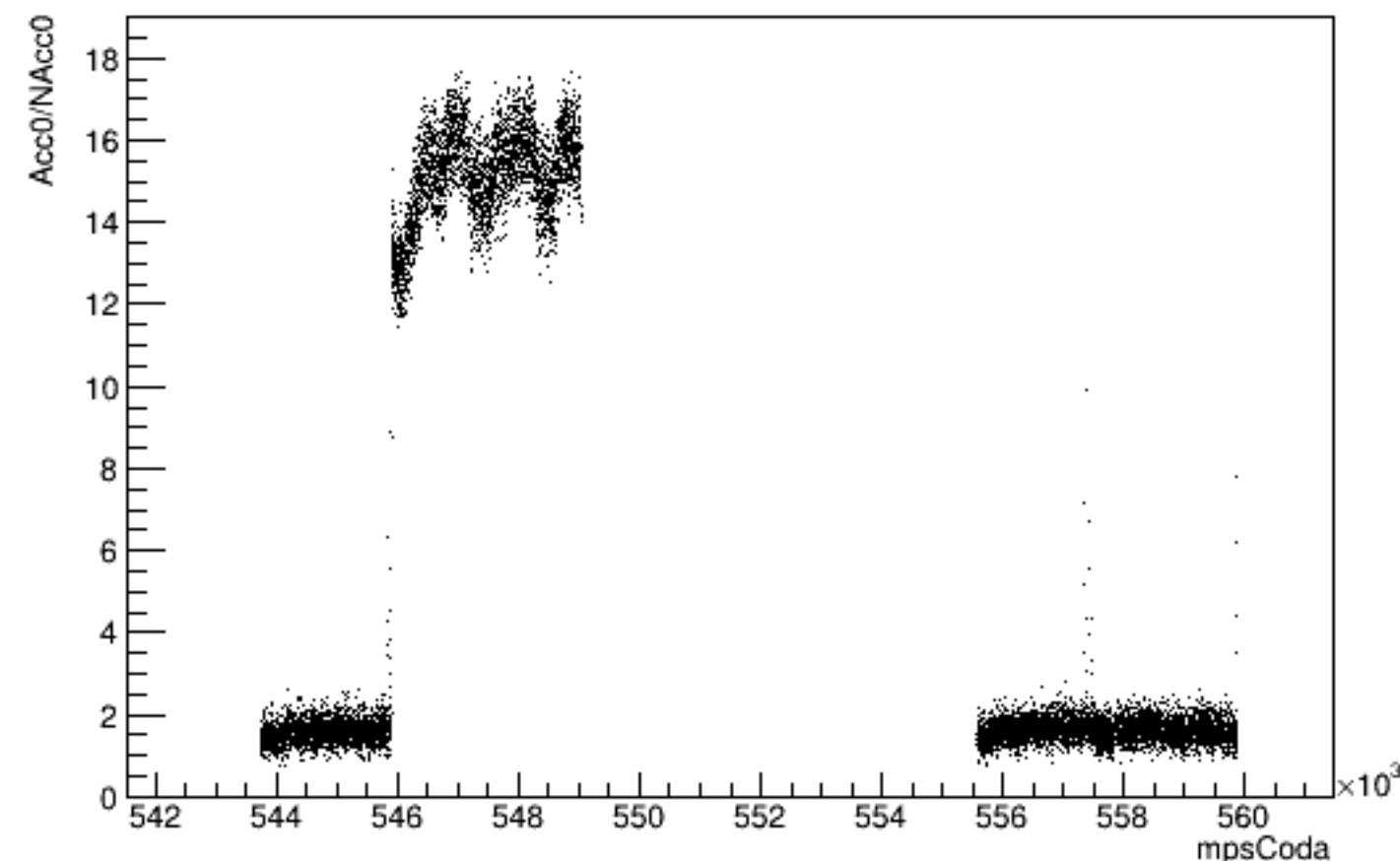
Mean: -0.0005 +/- 0.0003

Std Dev: 0.0095 +/- 0.0002

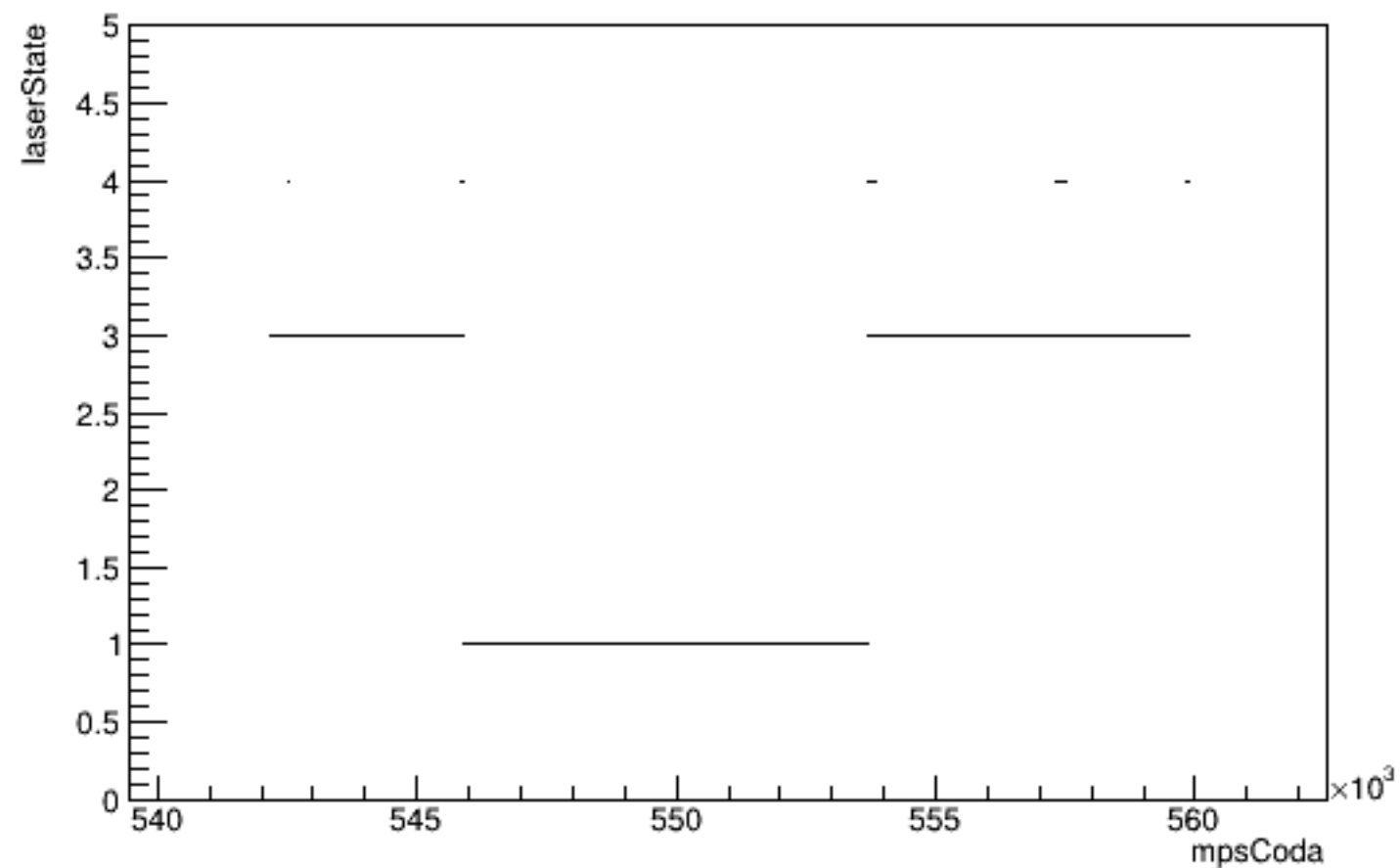
Run 5338 quartetwise, Asyms



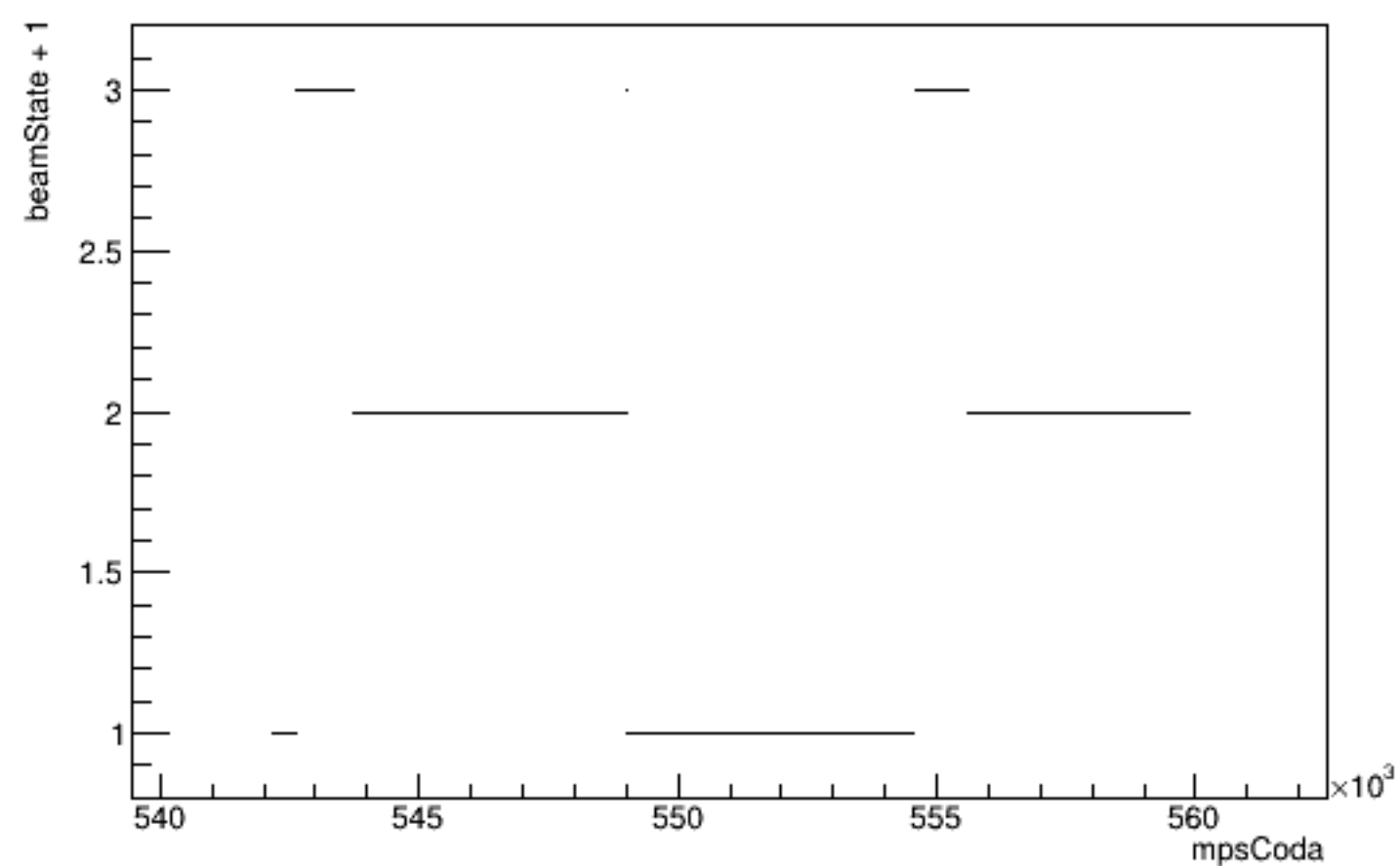
Acc0/NAcc0:mpsCoda (mpsCoda>=542183 && mpsCoda<=559882 && beamState==1)



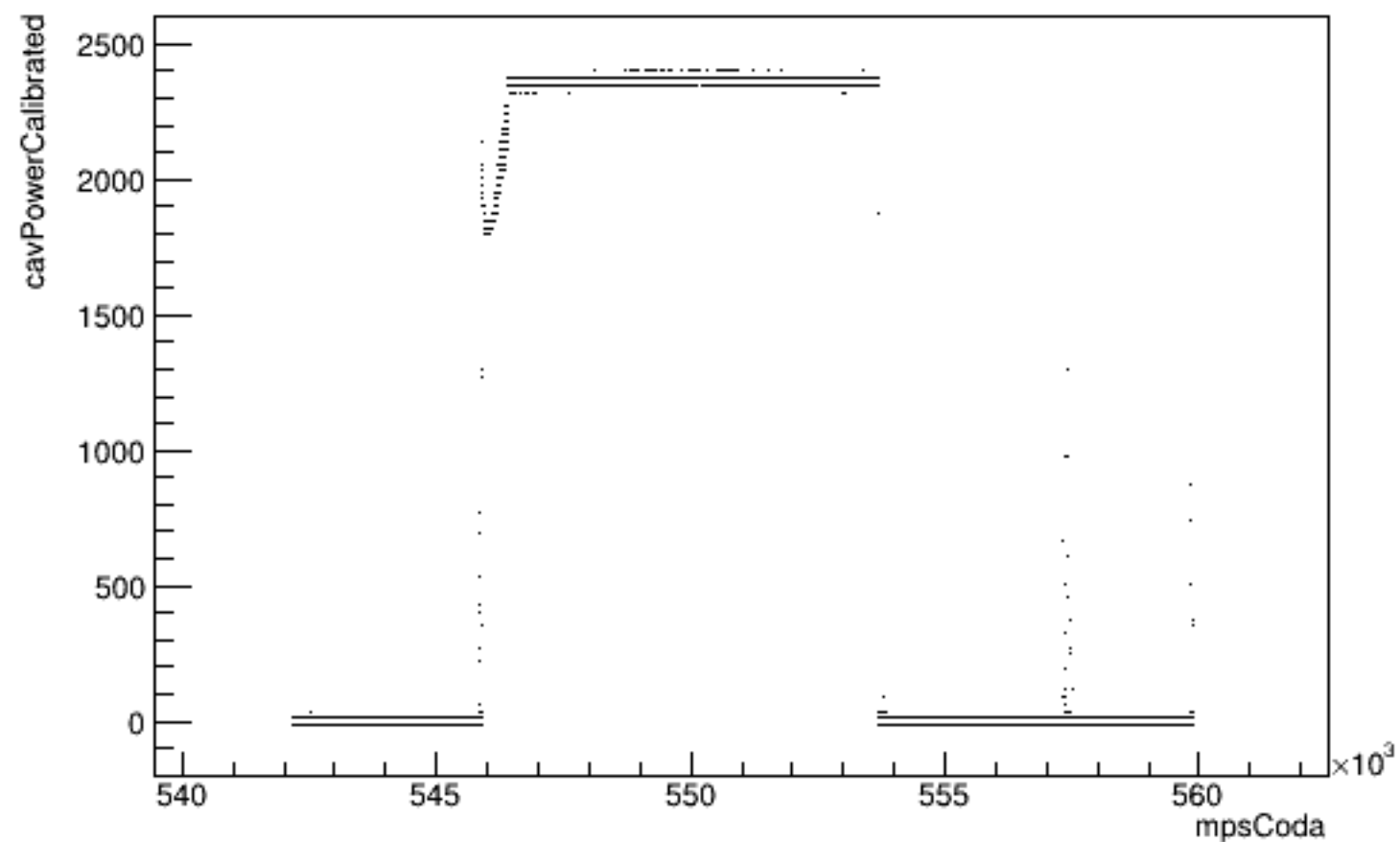
laserState:mpsCoda {mpsCoda>=542183 && mpsCoda<=559882}



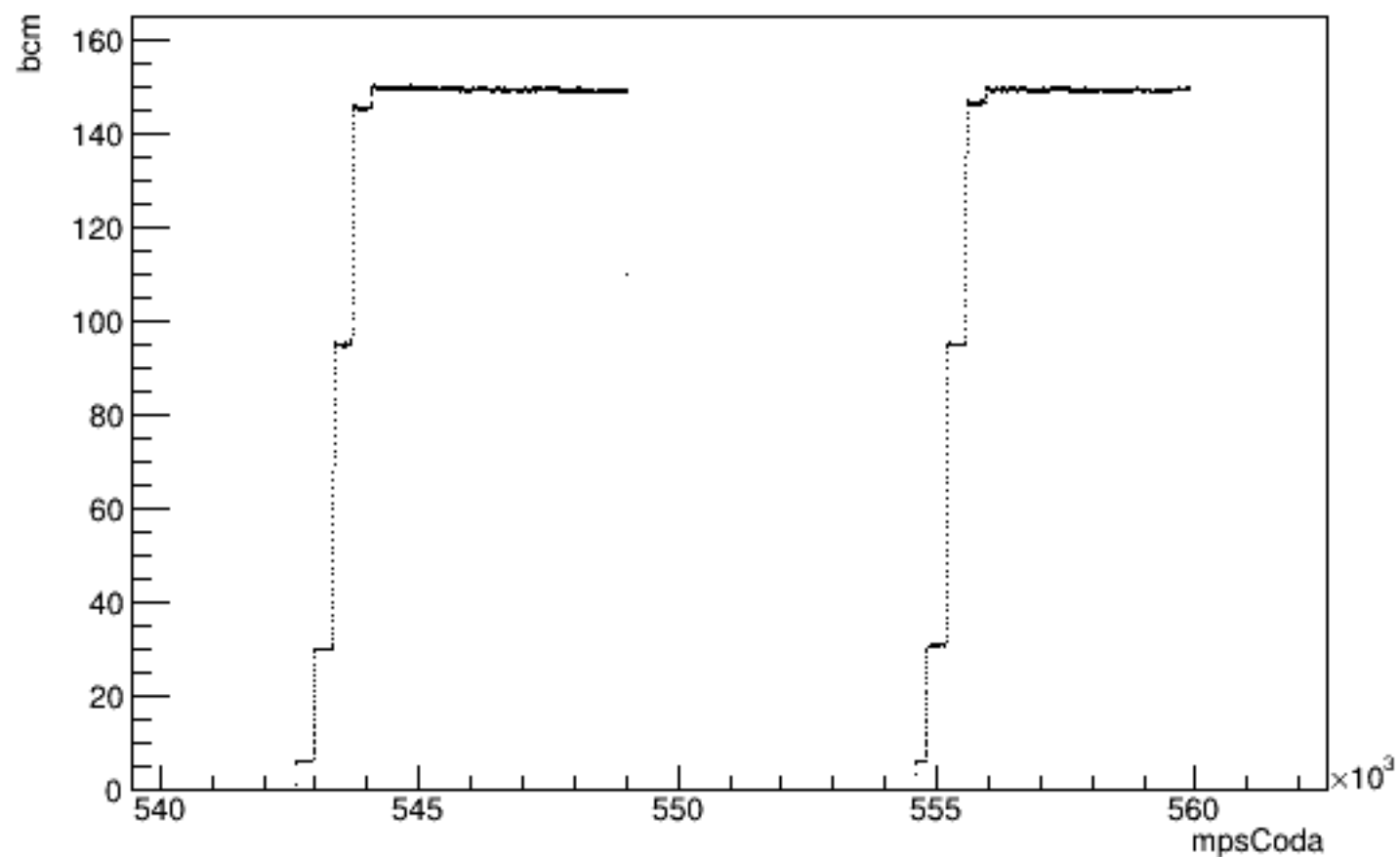
beamState + 1:mpsCoda {mpsCoda>=542183 && mpsCoda<=559882}



cavPowerCalibrated:mpsCoda {mpsCoda>=542183 && mpsCoda<=559882}



bcm:mpsCoda {mpsCoda>=542183 && mpsCoda<=559882}



Cycle 17, Diffs

Entries: 1058

Mean: -0.0123 +/- 0.0079

Std Dev: 0.2578 +/- 0.0056

Entries: 1370

Mean: 0.8694 +/- 0.0139

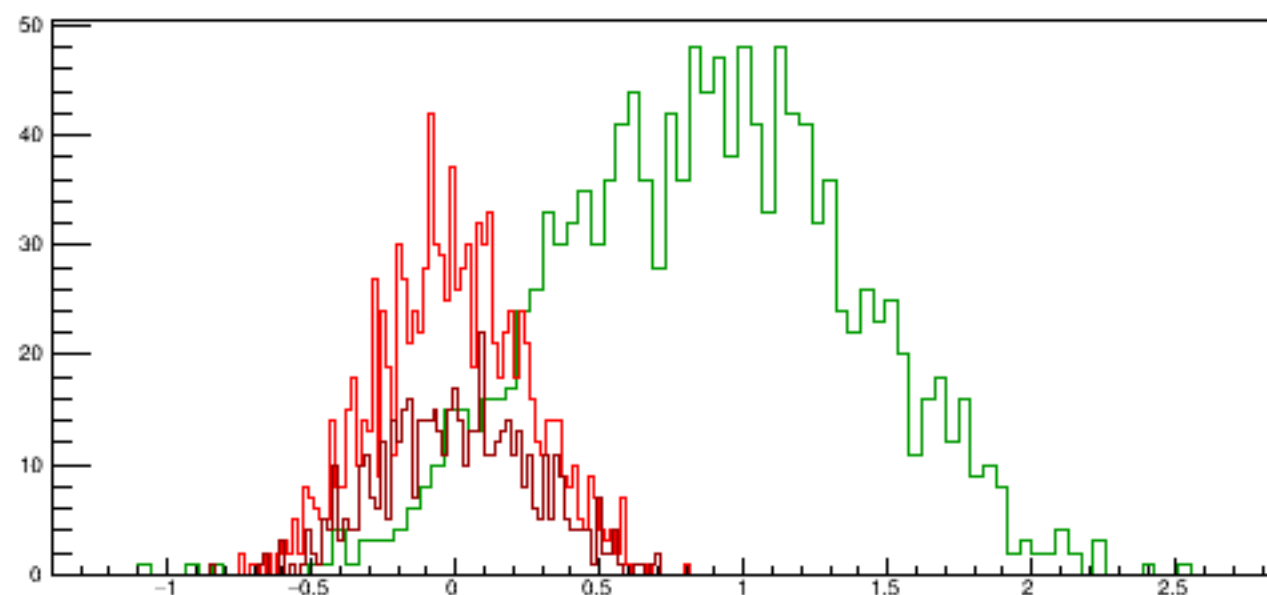
Std Dev: 0.5160 +/- 0.0099

Entries: 545

Mean: 0.0069 +/- 0.0114

Std Dev: 0.2653 +/- 0.0080

Run 5338 quartetwise, Diffs



Cycle 17, Sums

Entries: 1058

Mean: 3.2336 +/- 0.0093

Std Dev: 0.3038 +/- 0.0066

Entries: 1370

Mean: 31.4560 +/- 0.0248

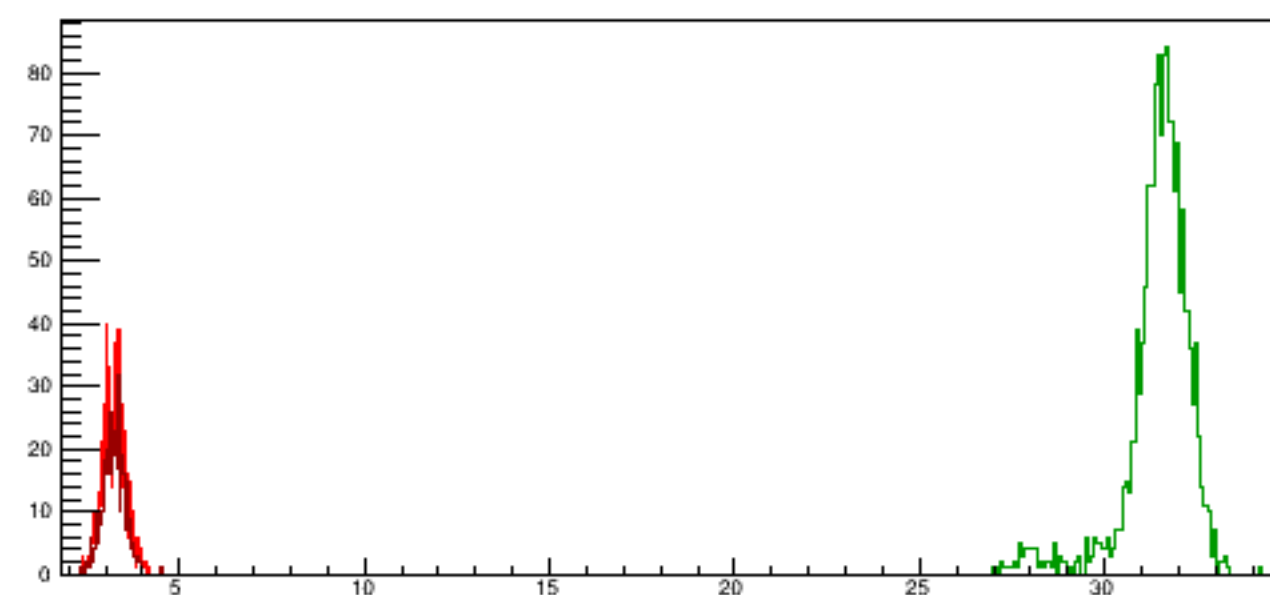
Std Dev: 0.9185 +/- 0.0175

Entries: 545

Mean: 3.2241 +/- 0.0132

Std Dev: 0.3085 +/- 0.0093

Run 5338 quartetwise, Sums



Cycle 17, Asyms

Entries: 1058

Mean: -0.0004 +/- 0.0003

Std Dev: 0.0091 +/- 0.0002

Entries: 1370

Mean: 0.0308 +/- 0.0005

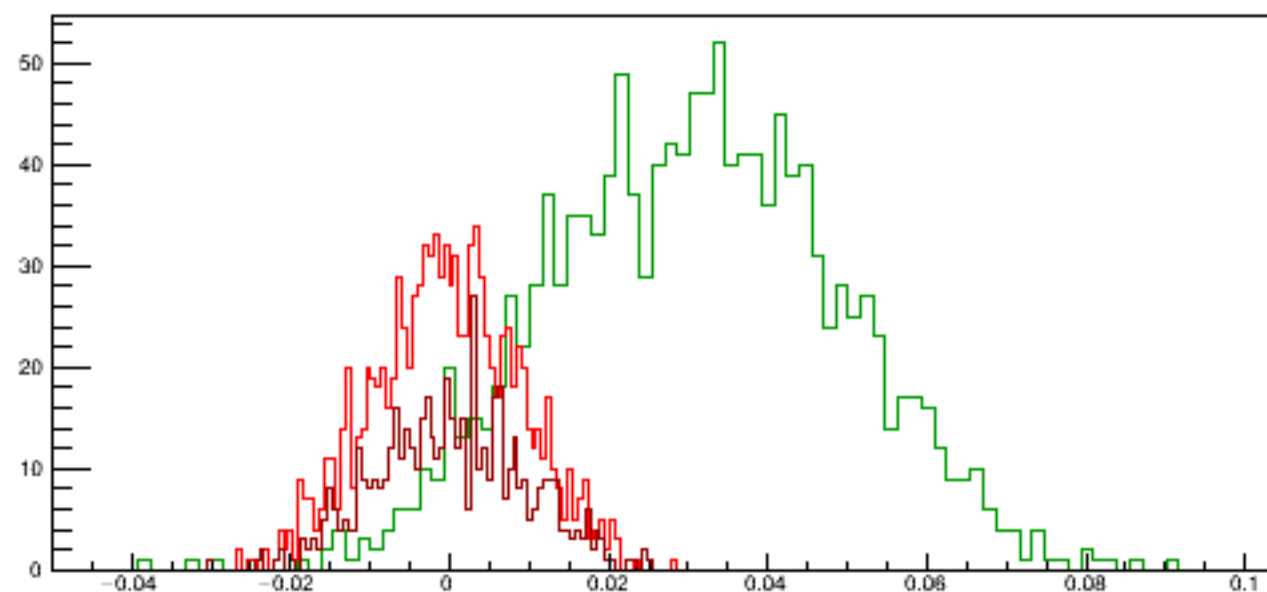
Std Dev: 0.0183 +/- 0.0003

Entries: 545

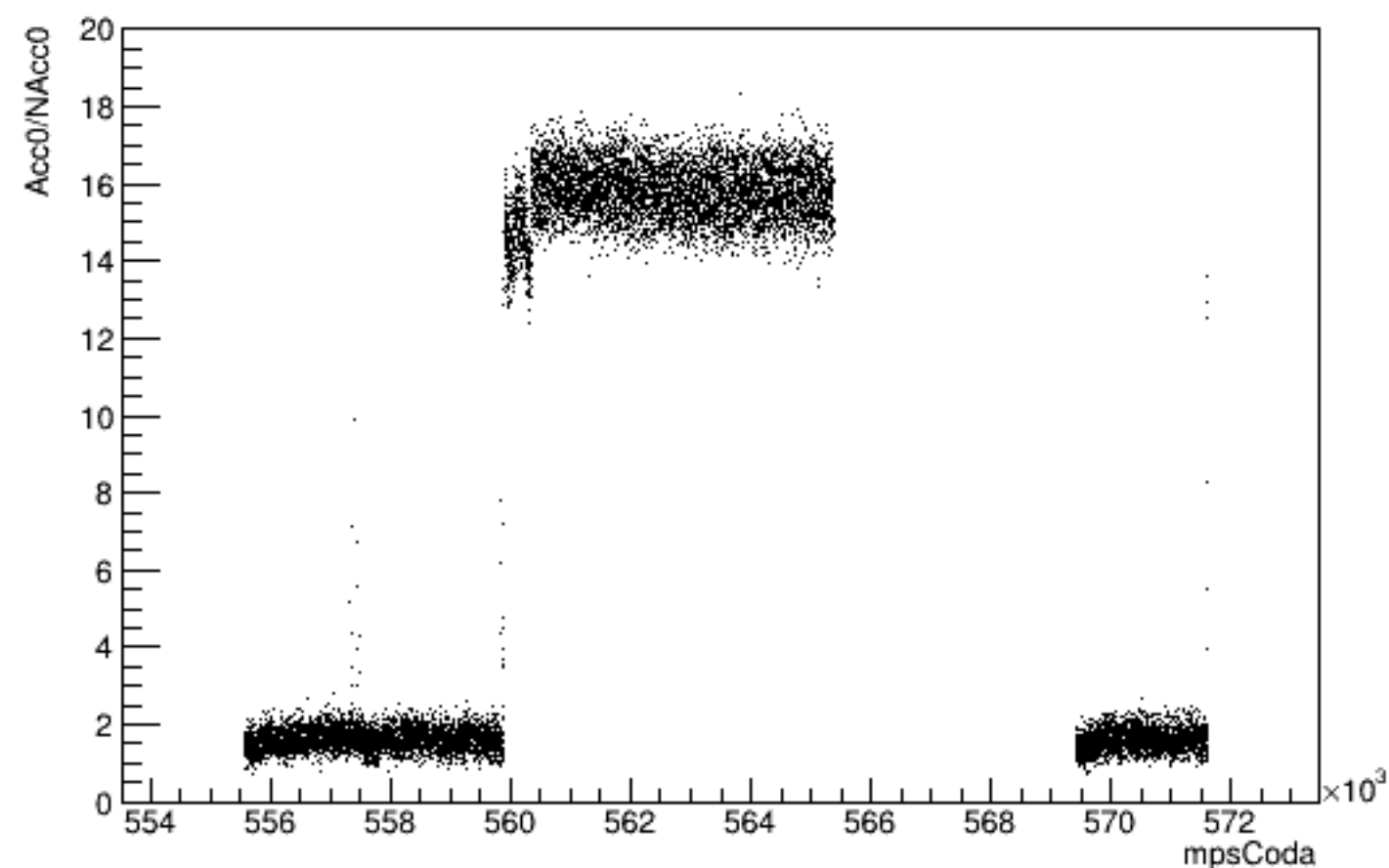
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0094 +/- 0.0003

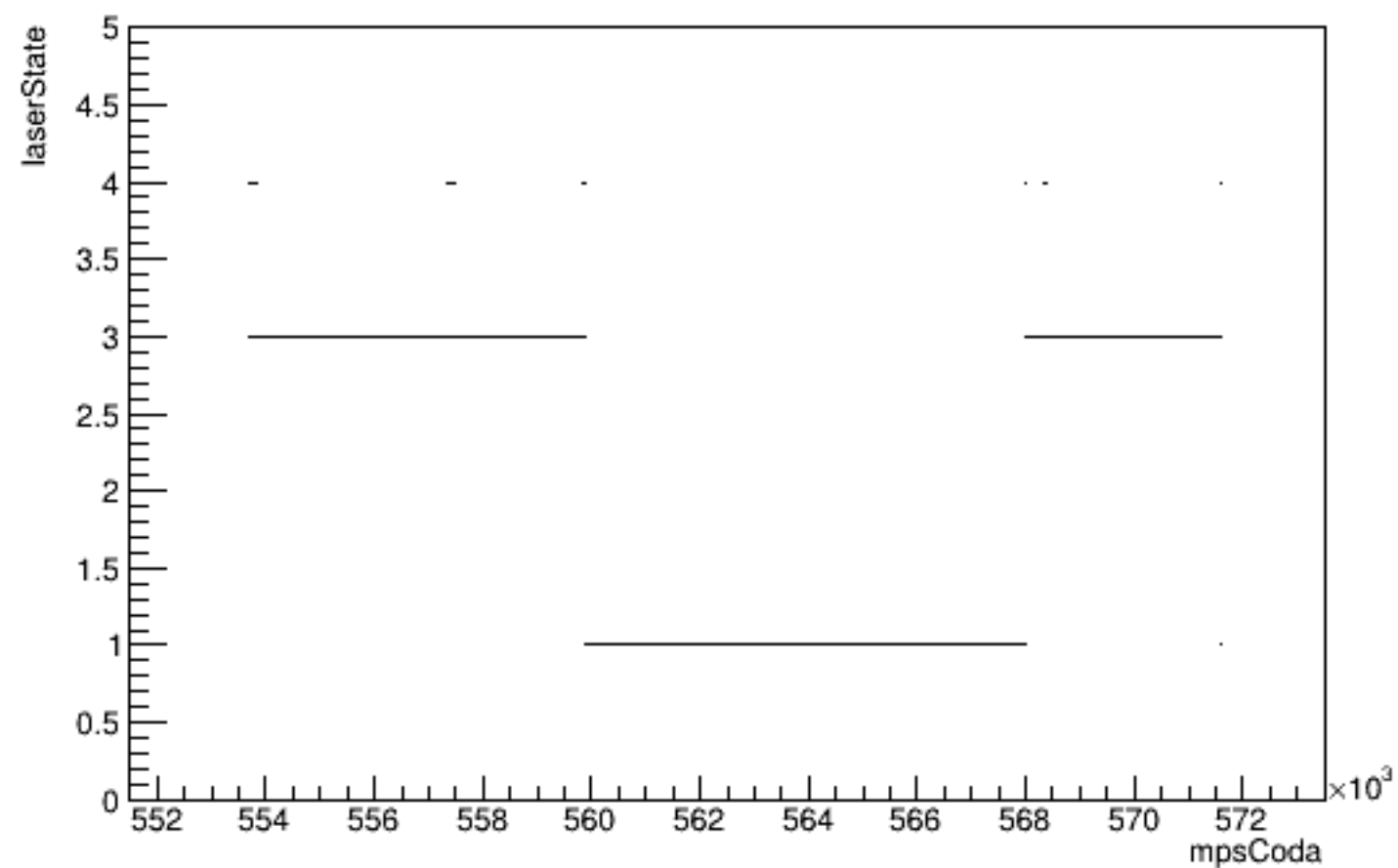
Run 5338 quartetwise, Asyms



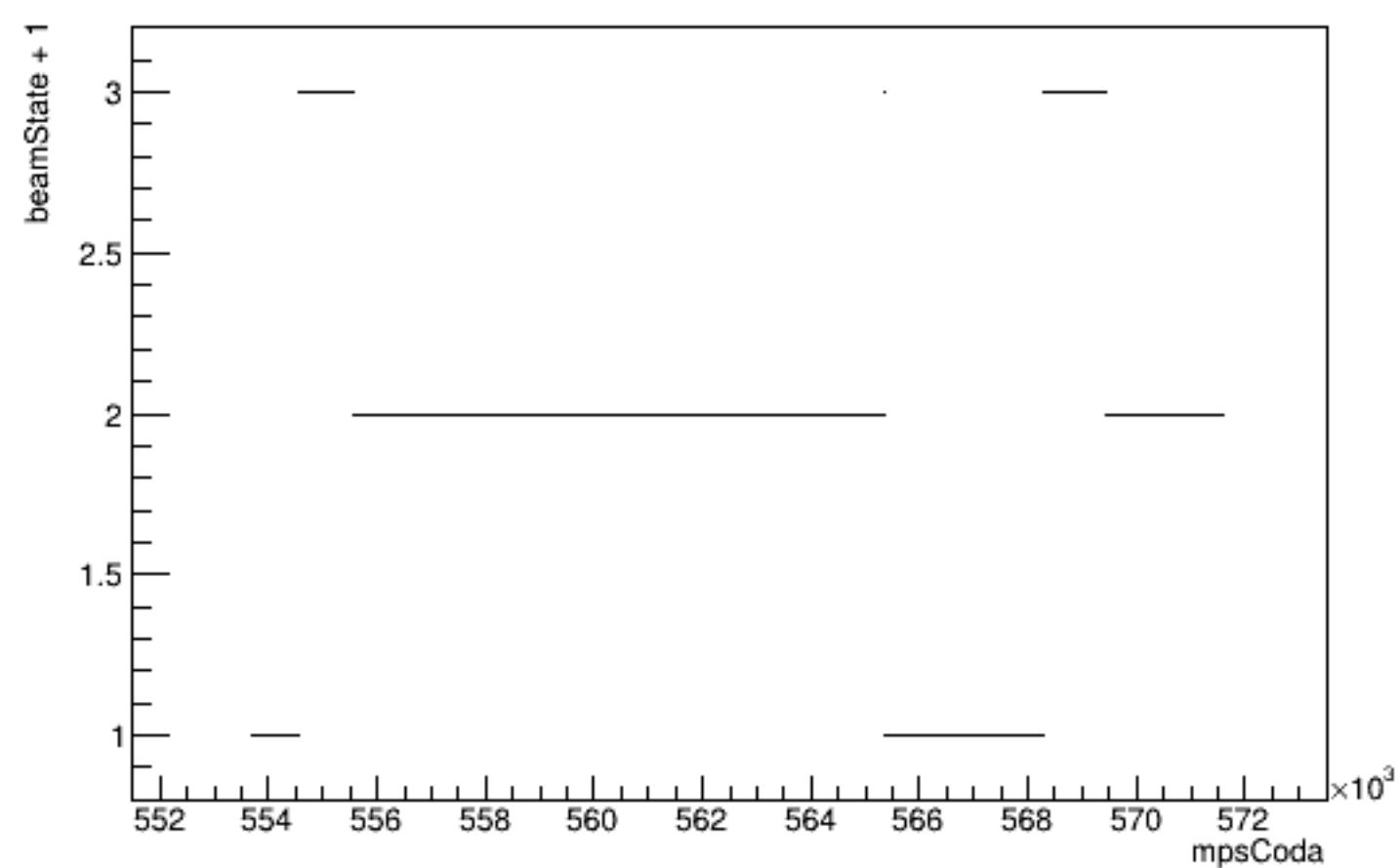
Acc0/NAcc0:mpsCoda (mpsCoda>=553695 && mpsCoda<=571618 && beamState==1)



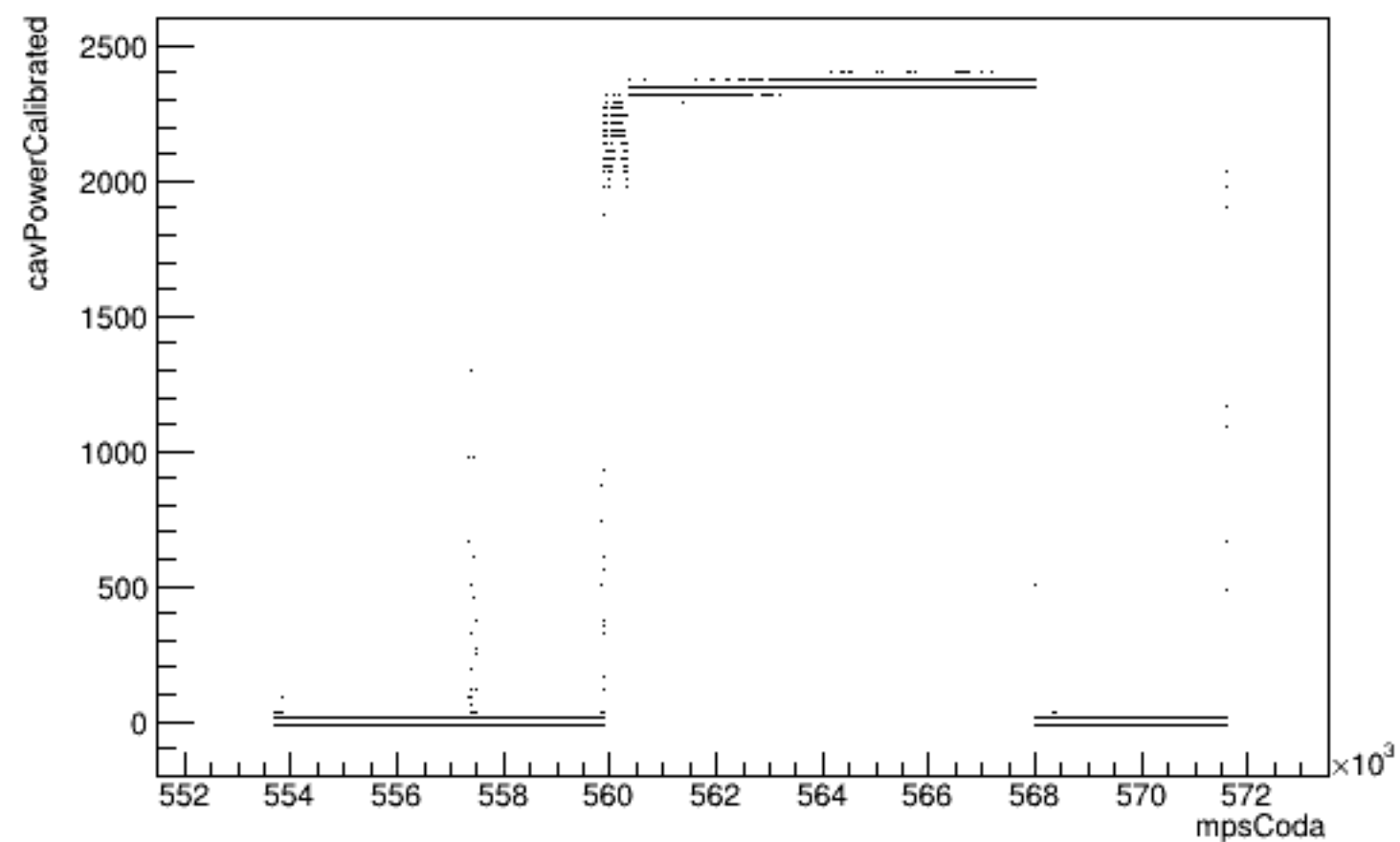
laserState:mpsCoda {mpsCoda>=553695 && mpsCoda<=571618}



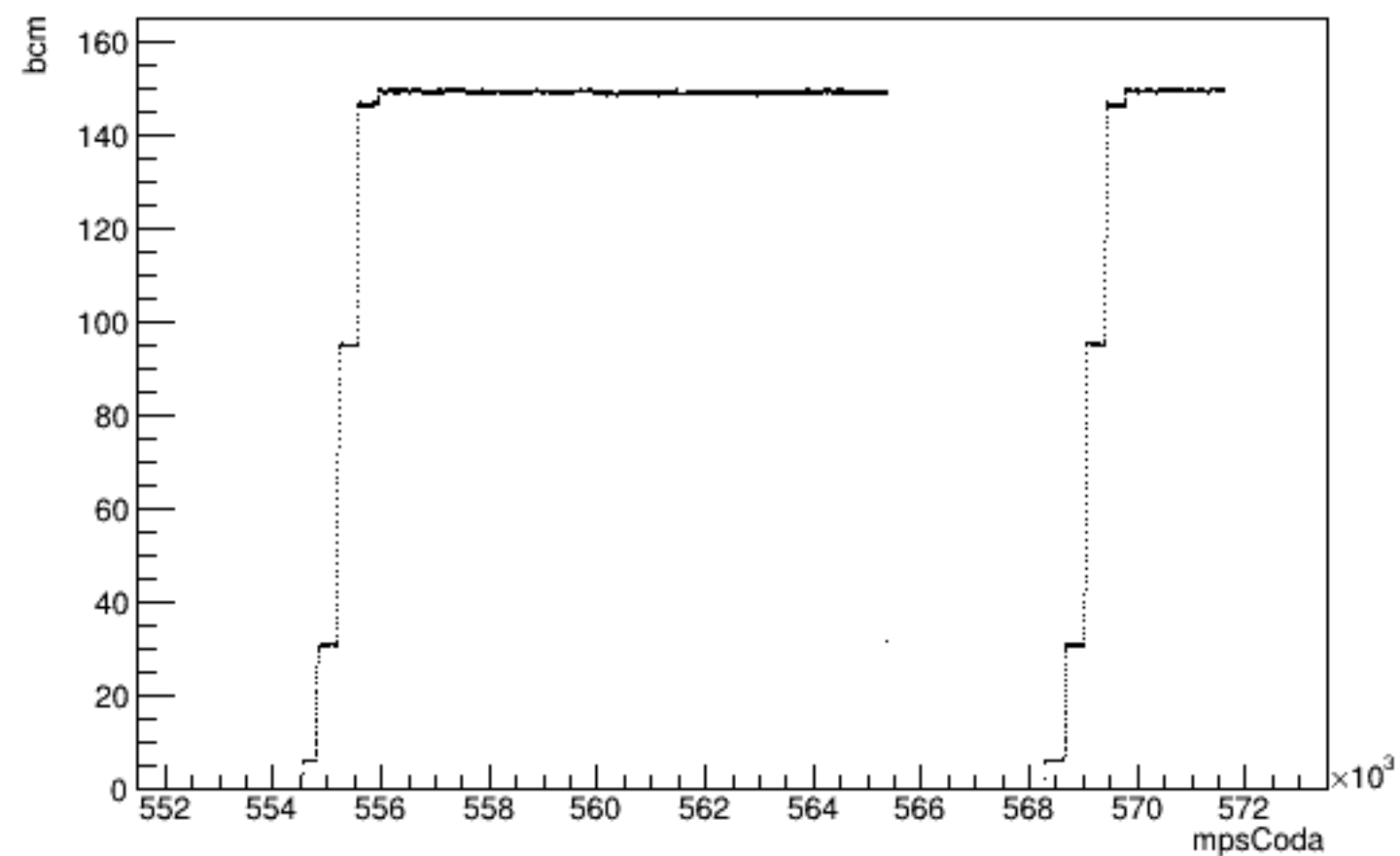
beamState + 1:mpsCoda {mpsCoda>=553695 && mpsCoda<=571618}



cavPowerCalibrated:mpsCoda {mpsCoda>=553695 && mpsCoda<=571618}



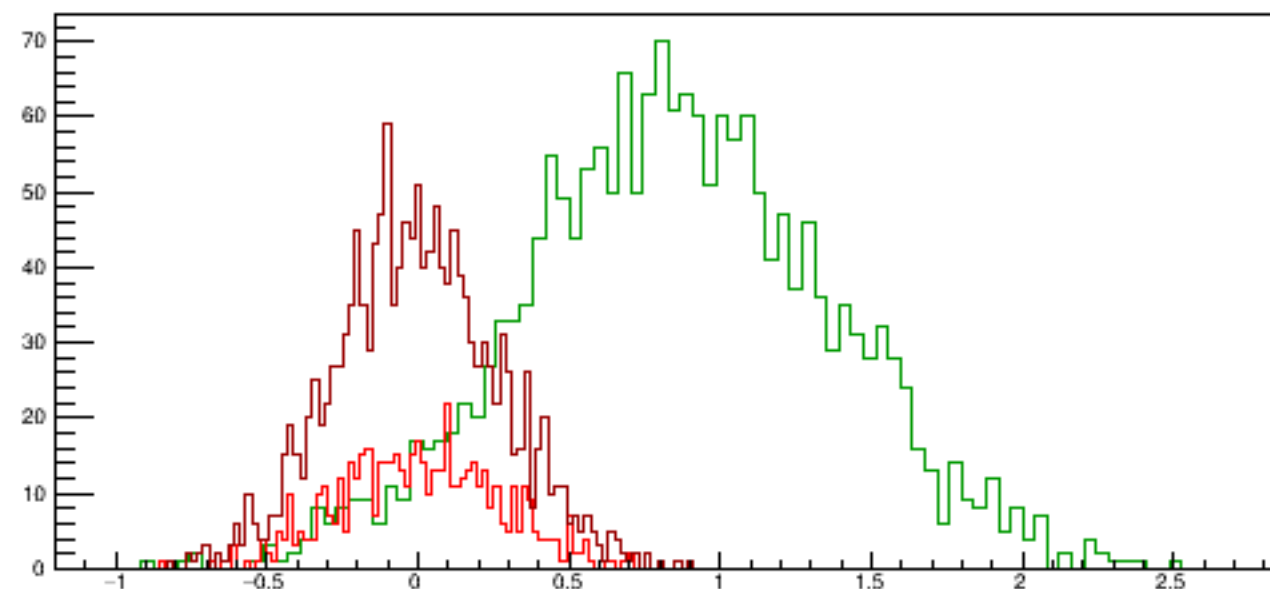
bcm:mpsCoda {mpsCoda>=553695 && mpsCoda<=571618}



Cycle 18, Diffs

Entries: 545	Entries: 1909	Entries: 1510
Mean: 0.0069 +/- 0.0114	Mean: 0.8562 +/- 0.0117	Mean: -0.0030 +/- 0.0069
Std Dev: 0.2653 +/- 0.0080	Std Dev: 0.5096 +/- 0.0082	Std Dev: 0.2690 +/- 0.0049

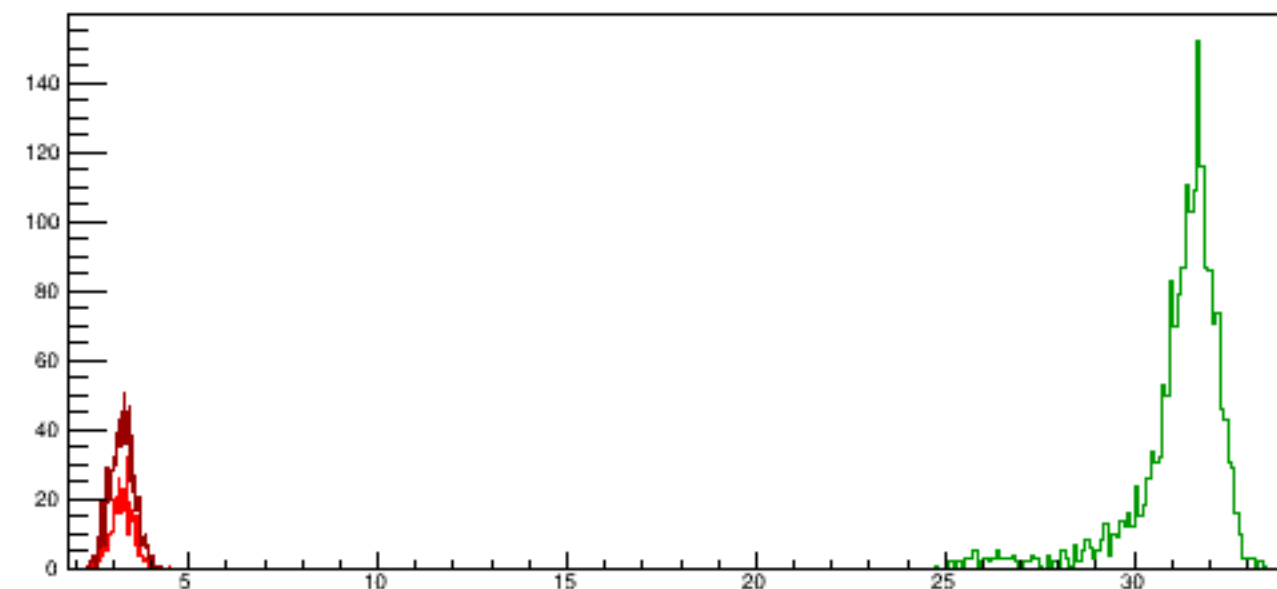
Run 5338 quartetwise, Diffs



Cycle 18, Sums

Entries: 545	Entries: 1909	Entries: 1510
Mean: 3.2241 +/- 0.0132	Mean: 31.1901 +/- 0.0281	Mean: 3.2502 +/- 0.0082
Std Dev: 0.3085 +/- 0.0093	Std Dev: 1.2272 +/- 0.0199	Std Dev: 0.3177 +/- 0.0058

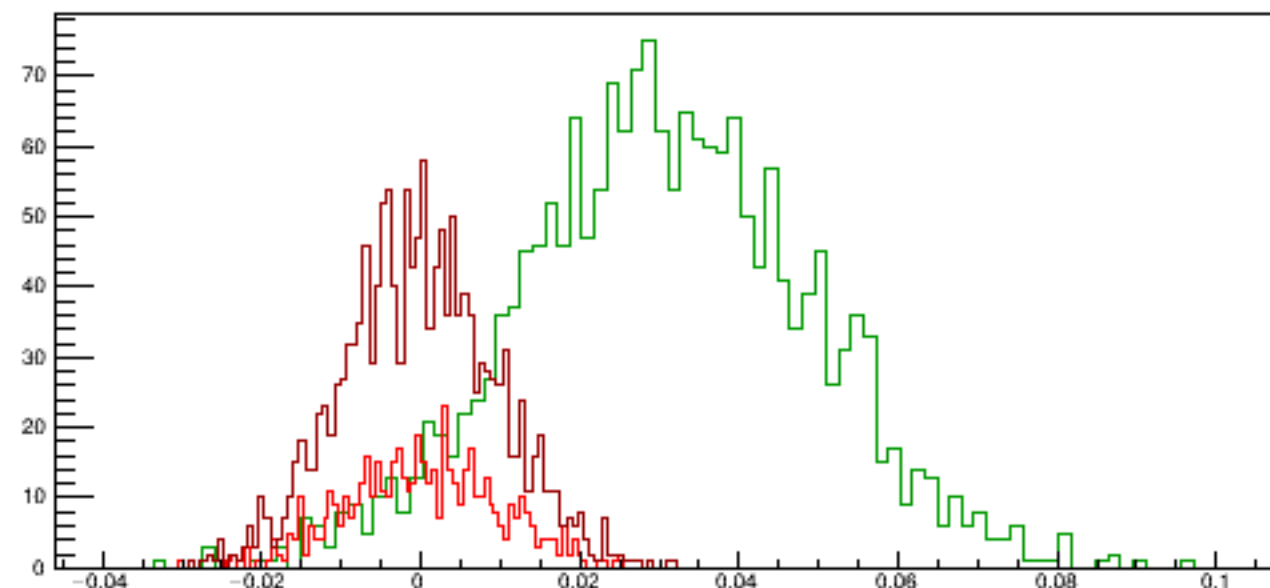
Run 5338 quartetwise, Sums



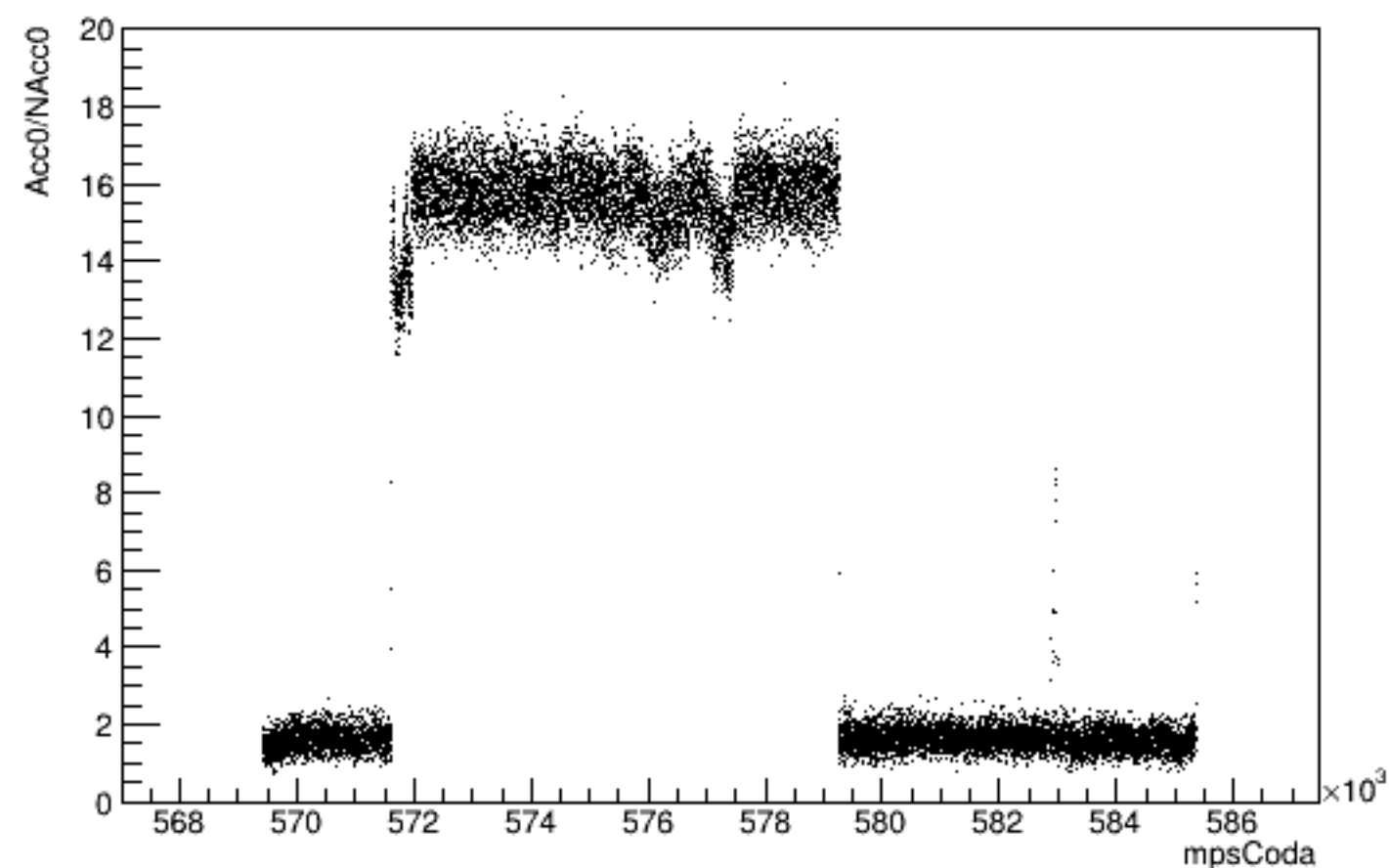
Cycle 18, Asyms

Entries: 545	Entries: 1909	Entries: 1510
Mean: 0.0002 +/- 0.0004	Mean: 0.0306 +/- 0.0004	Mean: -0.0001 +/- 0.0002
Std Dev: 0.0095 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0096 +/- 0.0002

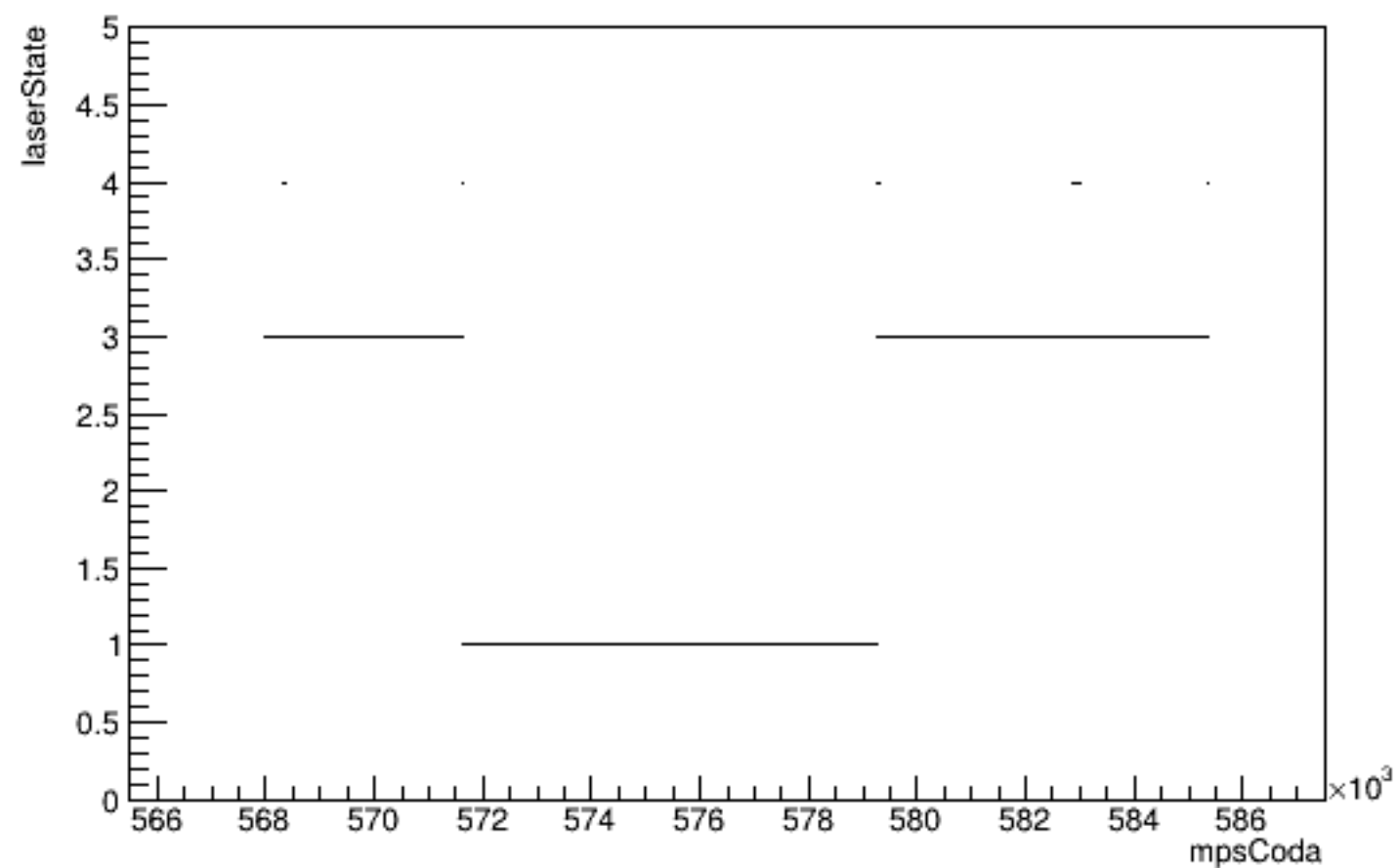
Run 5338 quartetwise, Asyms



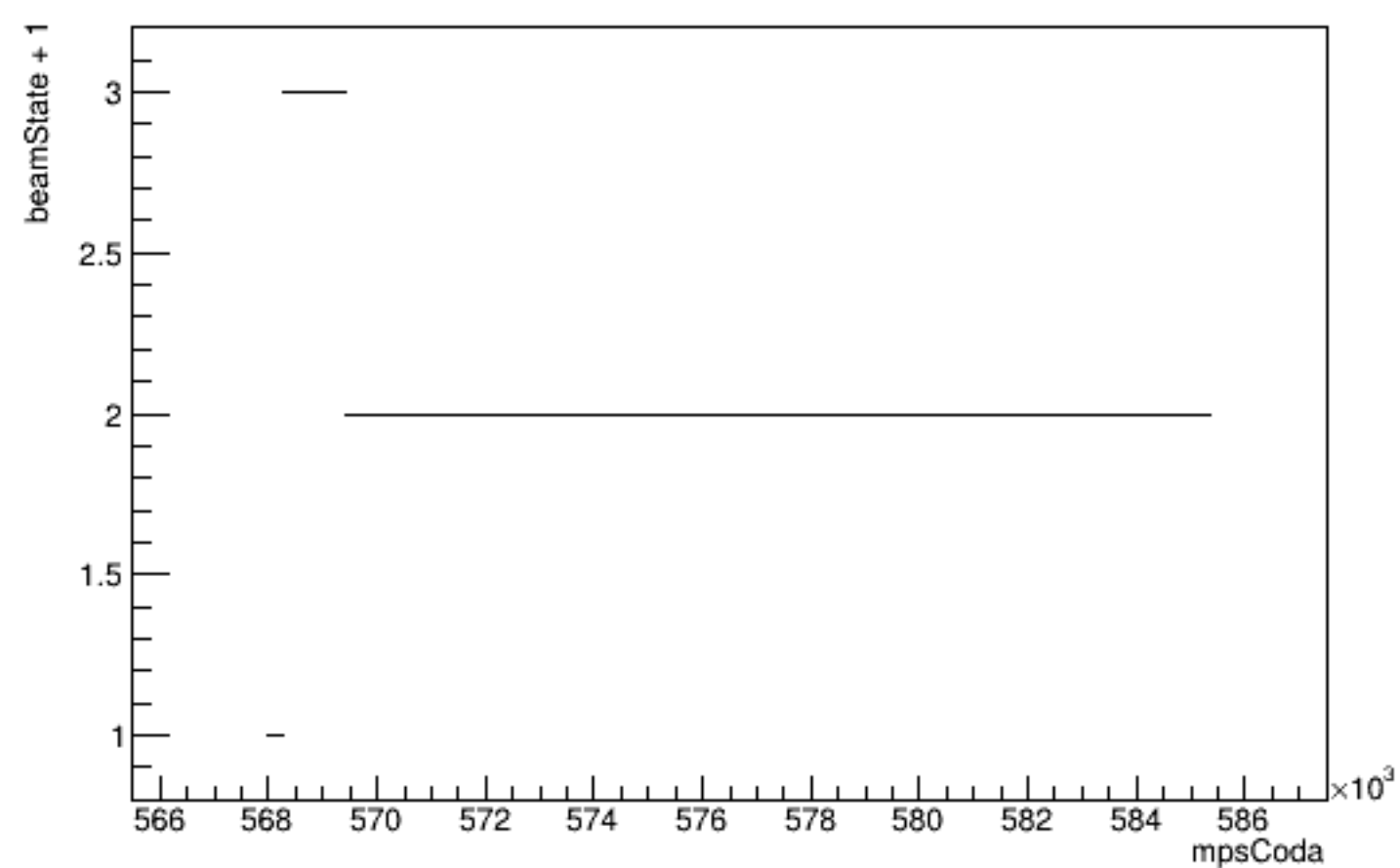
Acc0/NAcc0:mpsCoda (mpsCoda>=567987 && mpsCoda<=585354 && beamState==1)



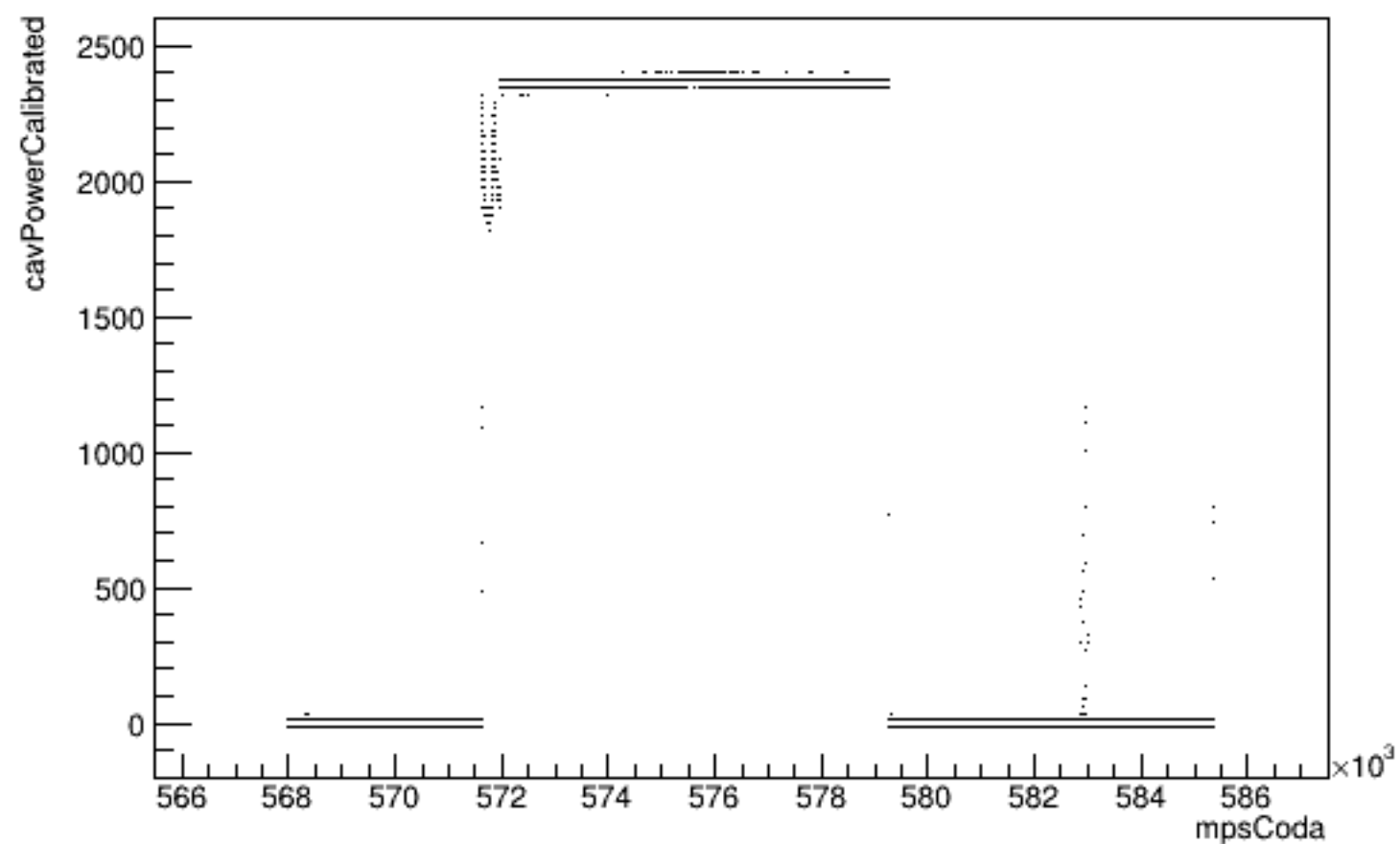
laserState:mpsCoda {mpsCoda>=567987 && mpsCoda<=585354}



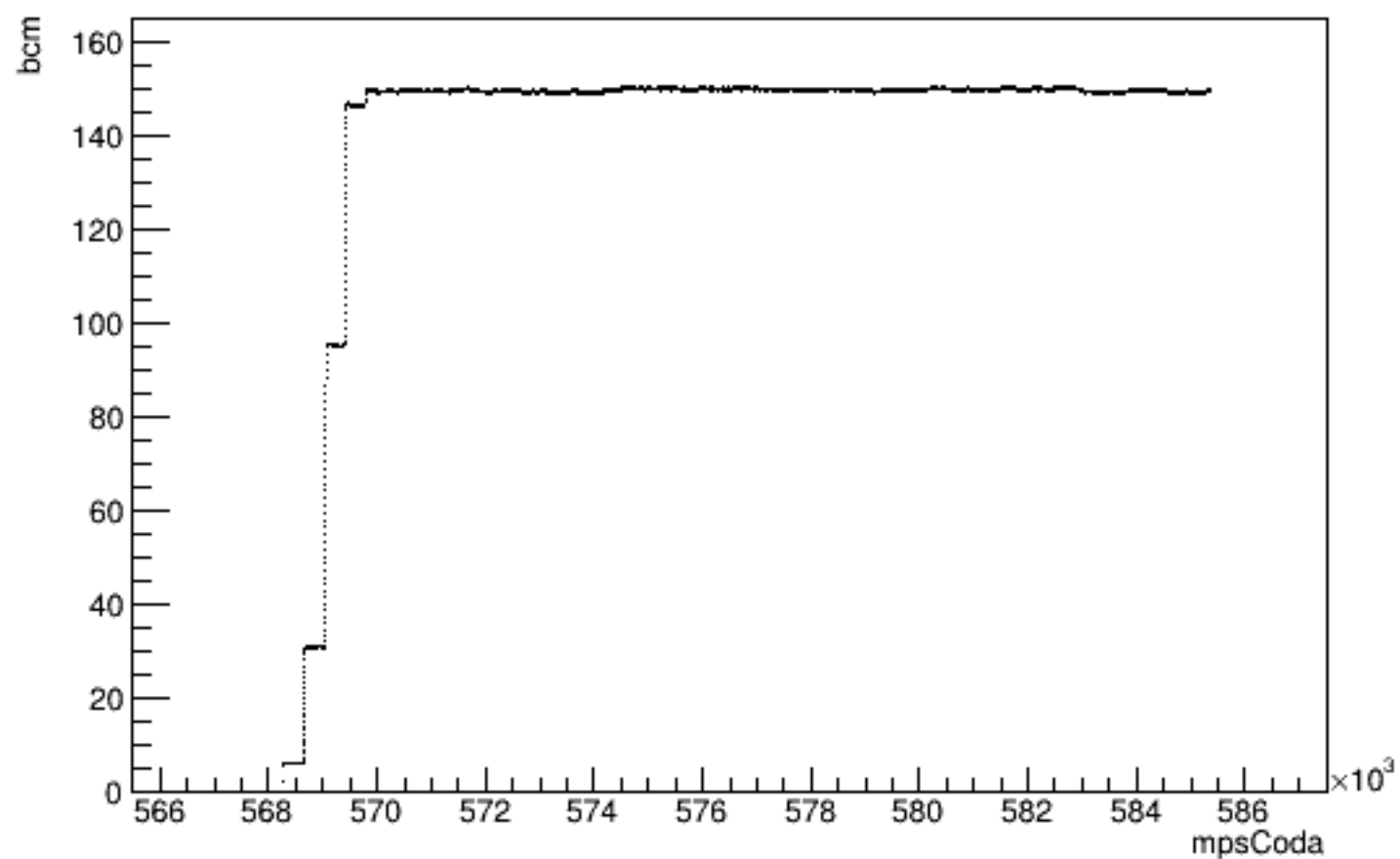
beamState + 1:mpsCoda {mpsCoda>=567987 && mpsCoda<=585354}



cavPowerCalibrated:mpsCoda {mpsCoda>=567987 && mpsCoda<=585354}



bcm:mpsCoda {mpsCoda>=567987 && mpsCoda<=585354}



Cycle 19, Diffs

Entries: 1491

Mean: -0.0040 +/- 0.0067

Std Dev: 0.2570 +/- 0.0047

Entries: 1917

Mean: 0.8608 +/- 0.0114

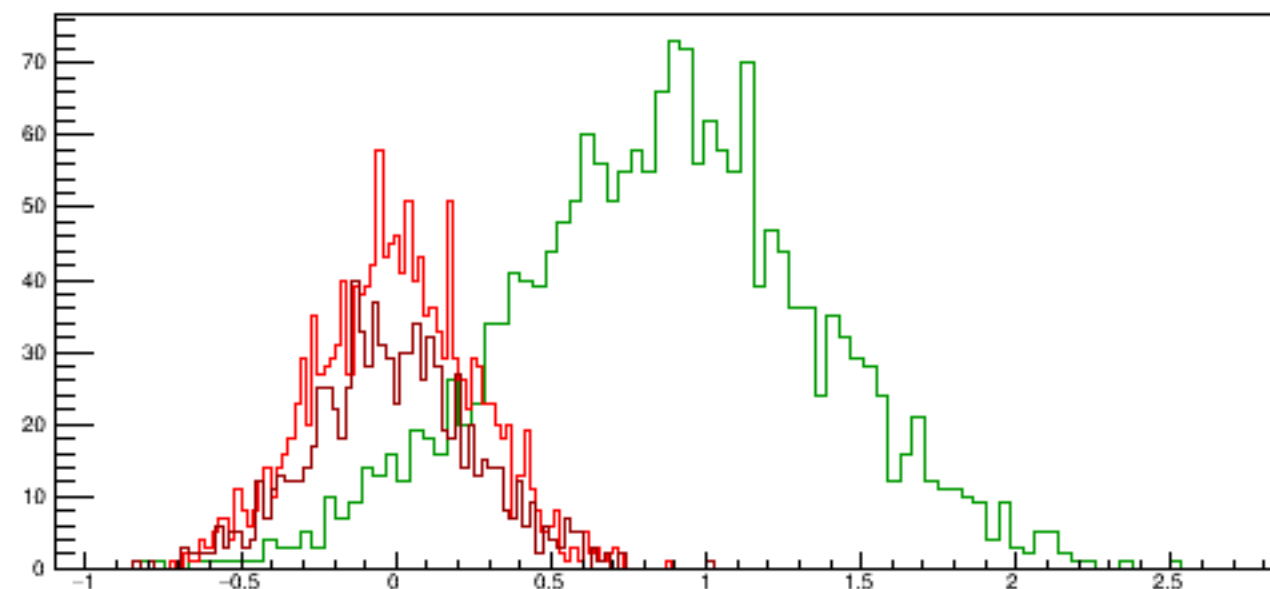
Std Dev: 0.4974 +/- 0.0080

Entries: 902

Mean: -0.0090 +/- 0.0088

Std Dev: 0.2644 +/- 0.0062

Run 5338 quartetwise, Diffs



Cycle 19, Sums

Entries: 1491

Mean: 2.9067 +/- 0.0074

Std Dev: 0.2858 +/- 0.0052

Entries: 1917

Mean: 30.6877 +/- 0.0299

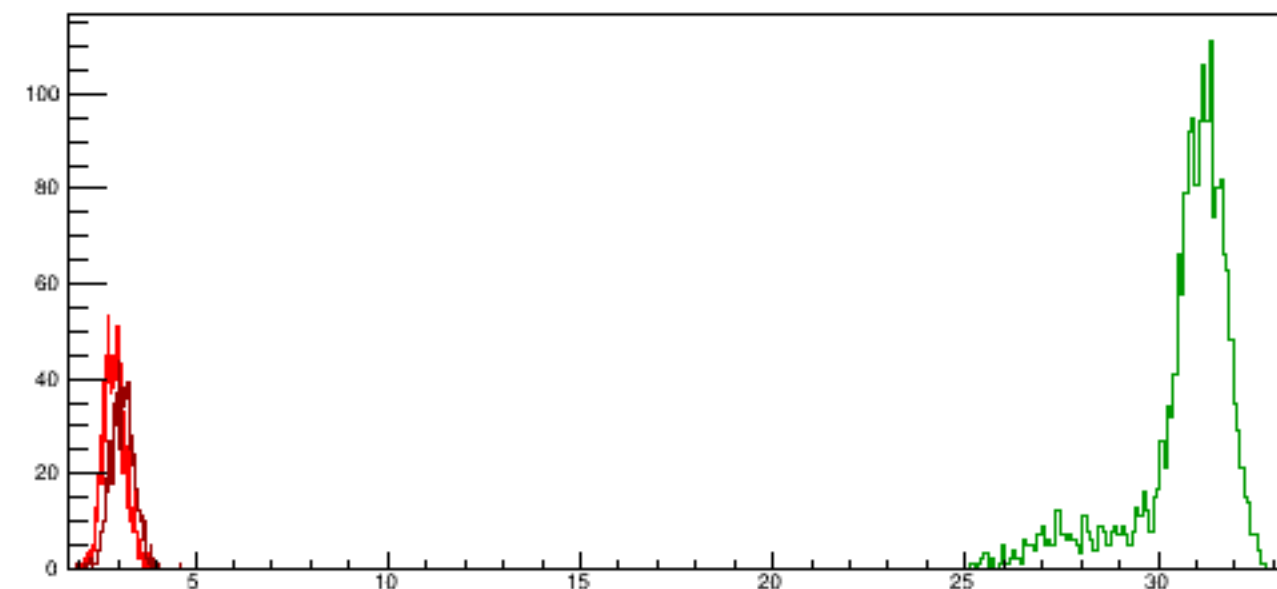
Std Dev: 1.3094 +/- 0.0211

Entries: 902

Mean: 3.1130 +/- 0.0102

Std Dev: 0.3063 +/- 0.0072

Run 5338 quartetwise, Sums



Cycle 19, Asyms

Entries: 1491

Mean: -0.0001 +/- 0.0002

Std Dev: 0.0093 +/- 0.0002

Entries: 1917

Mean: 0.0311 +/- 0.0004

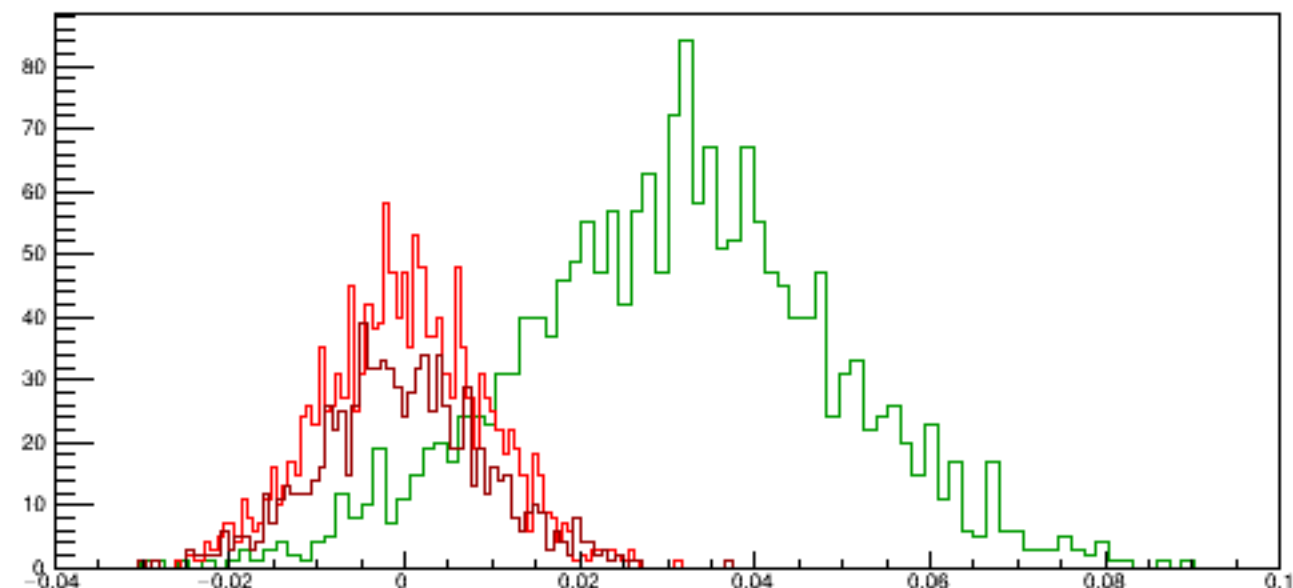
Std Dev: 0.0180 +/- 0.0003

Entries: 902

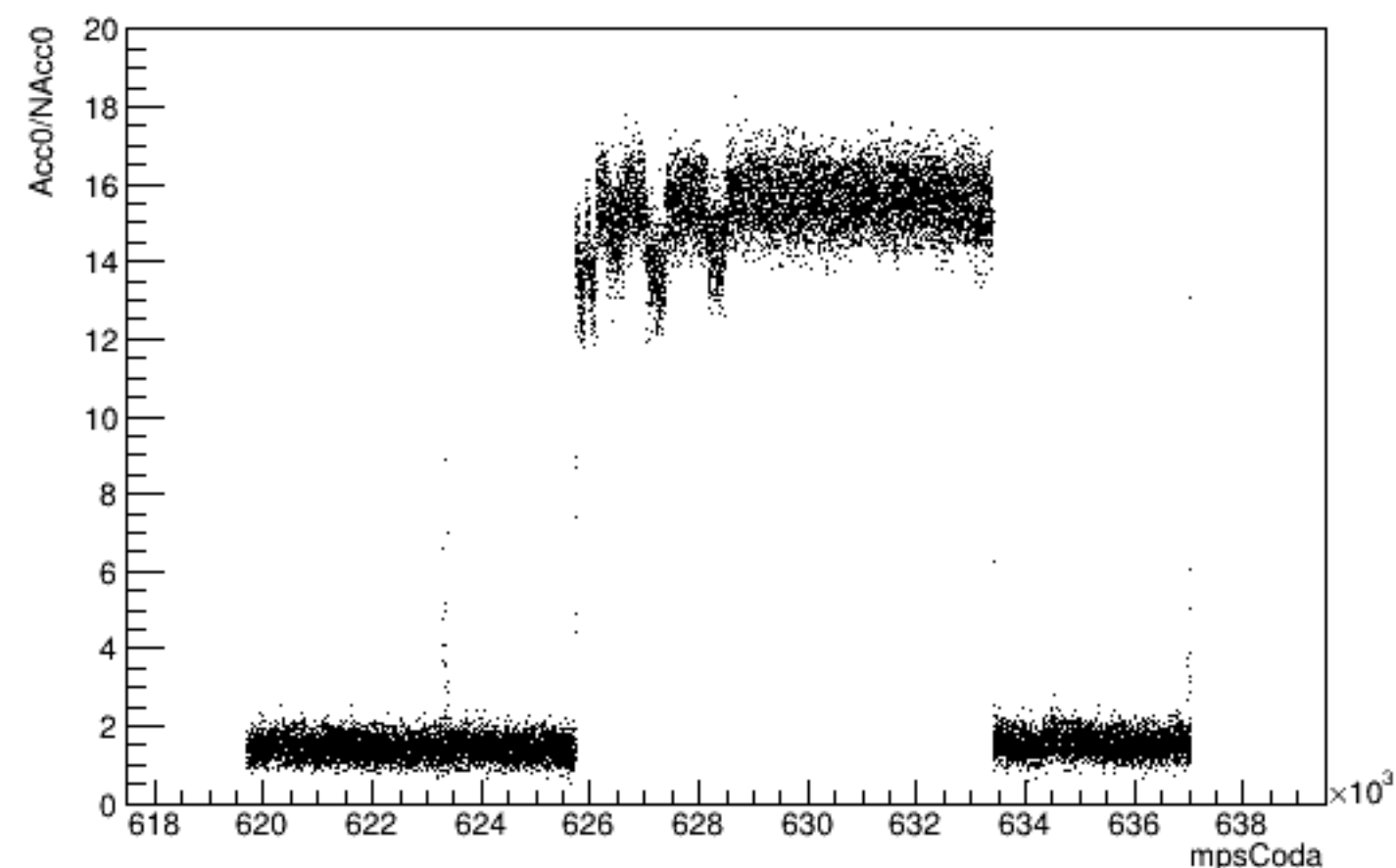
Mean: -0.0003 +/- 0.0003

Std Dev: 0.0096 +/- 0.0002

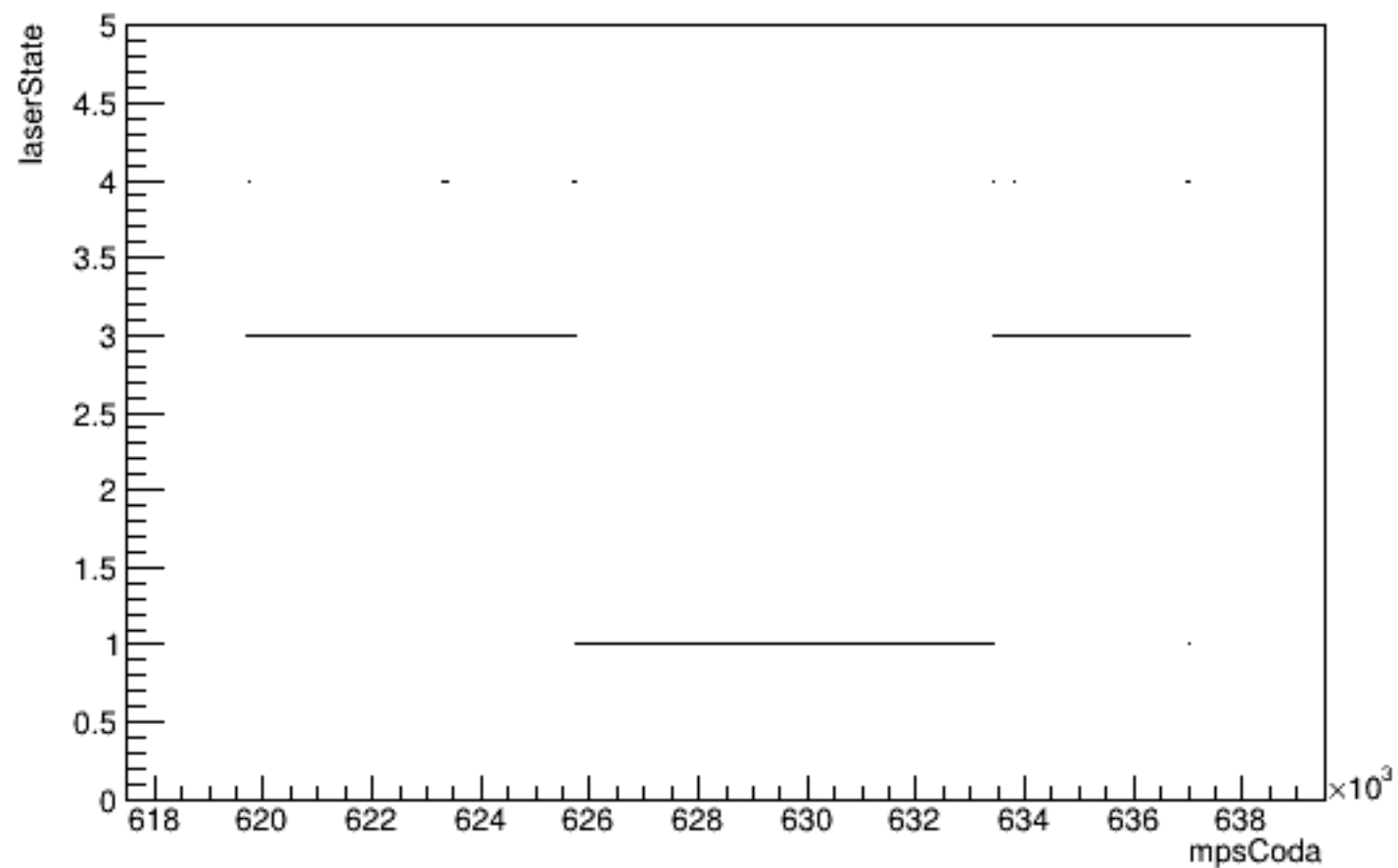
Run 5338 quartetwise, Asyms



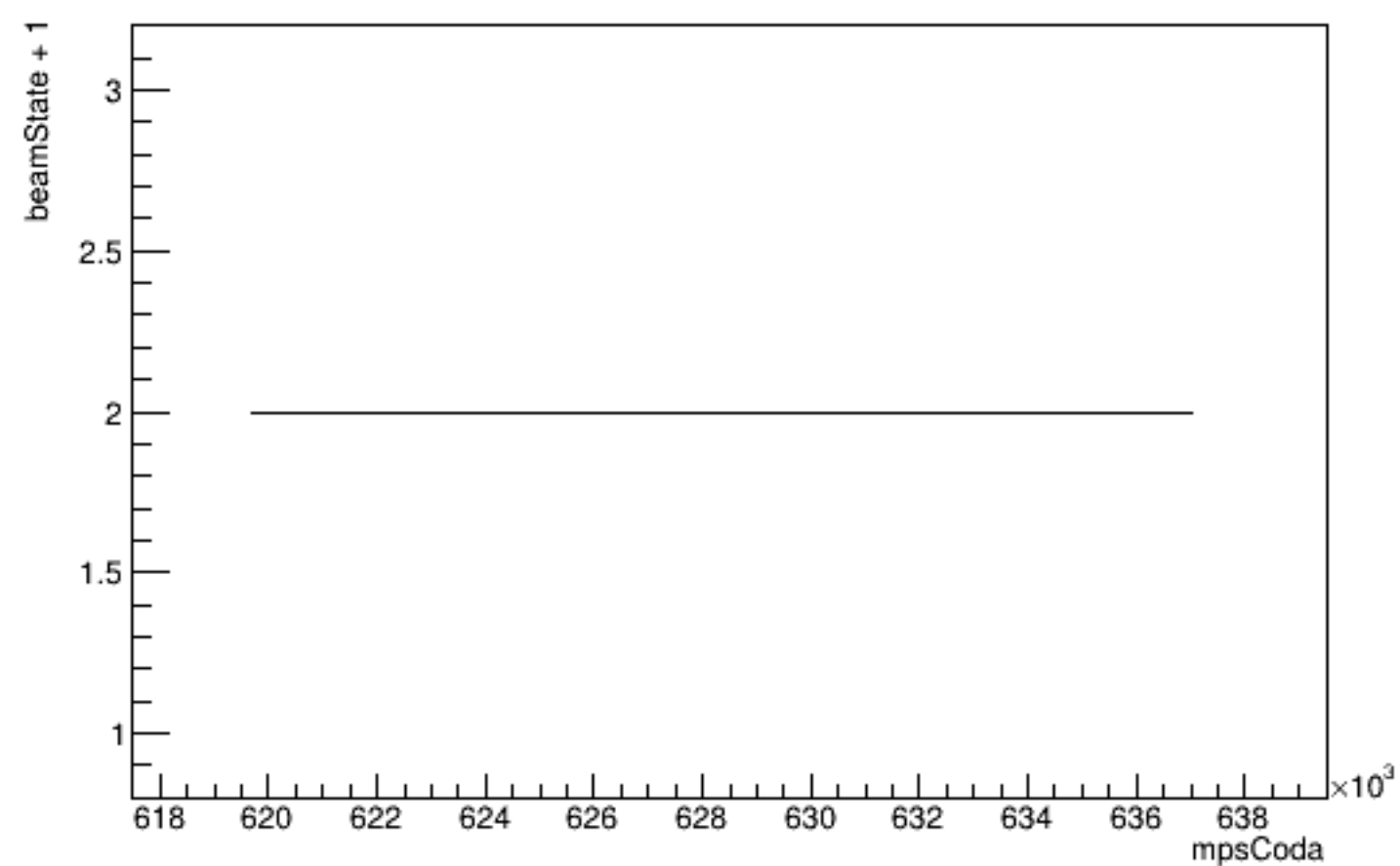
Acc0/NAcc0:mpsCoda (mpsCoda>=619699 && mpsCoda<=637046 && beamState==1)



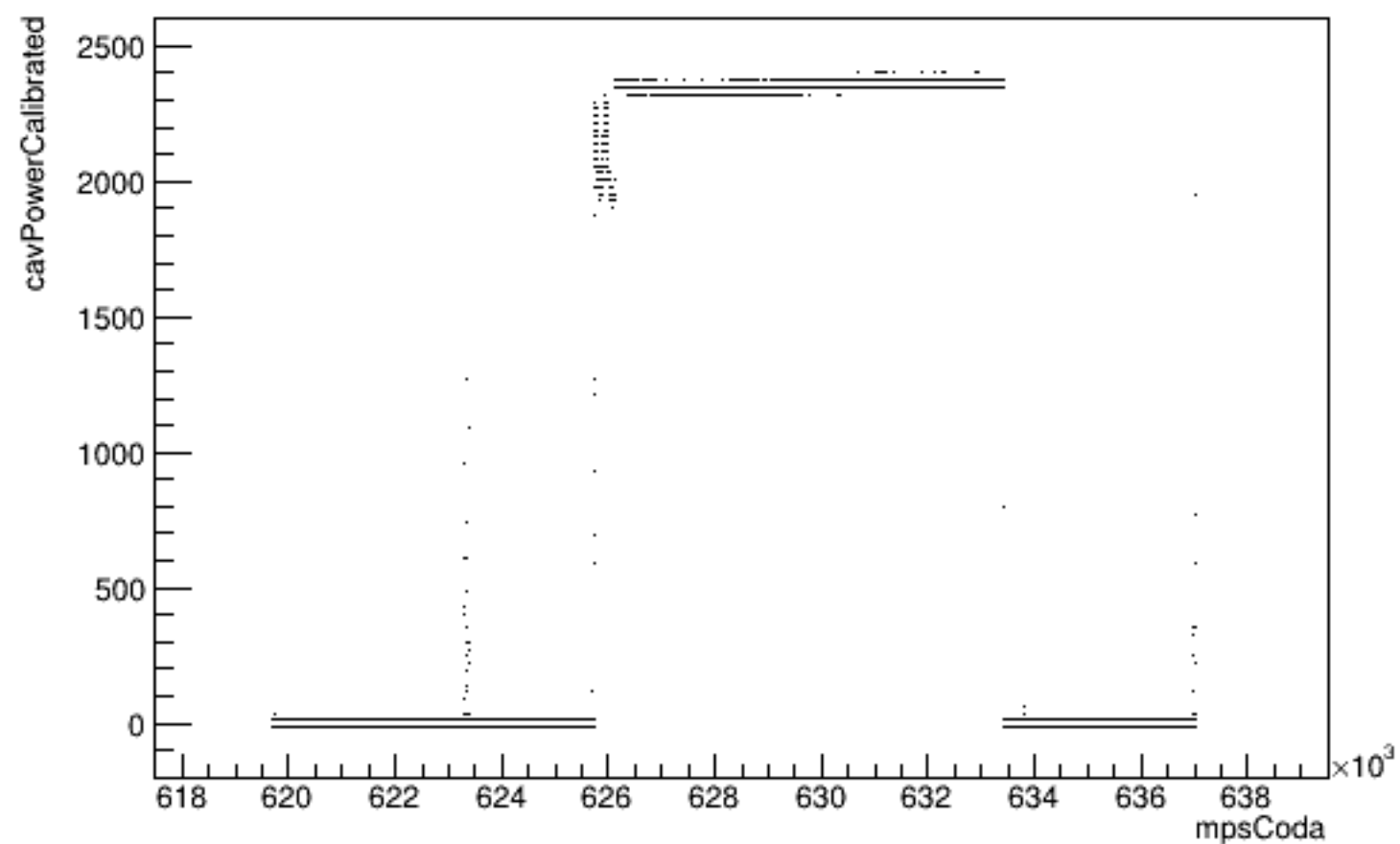
laserState:mpsCoda {mpsCoda>=619699 && mpsCoda<=637046}



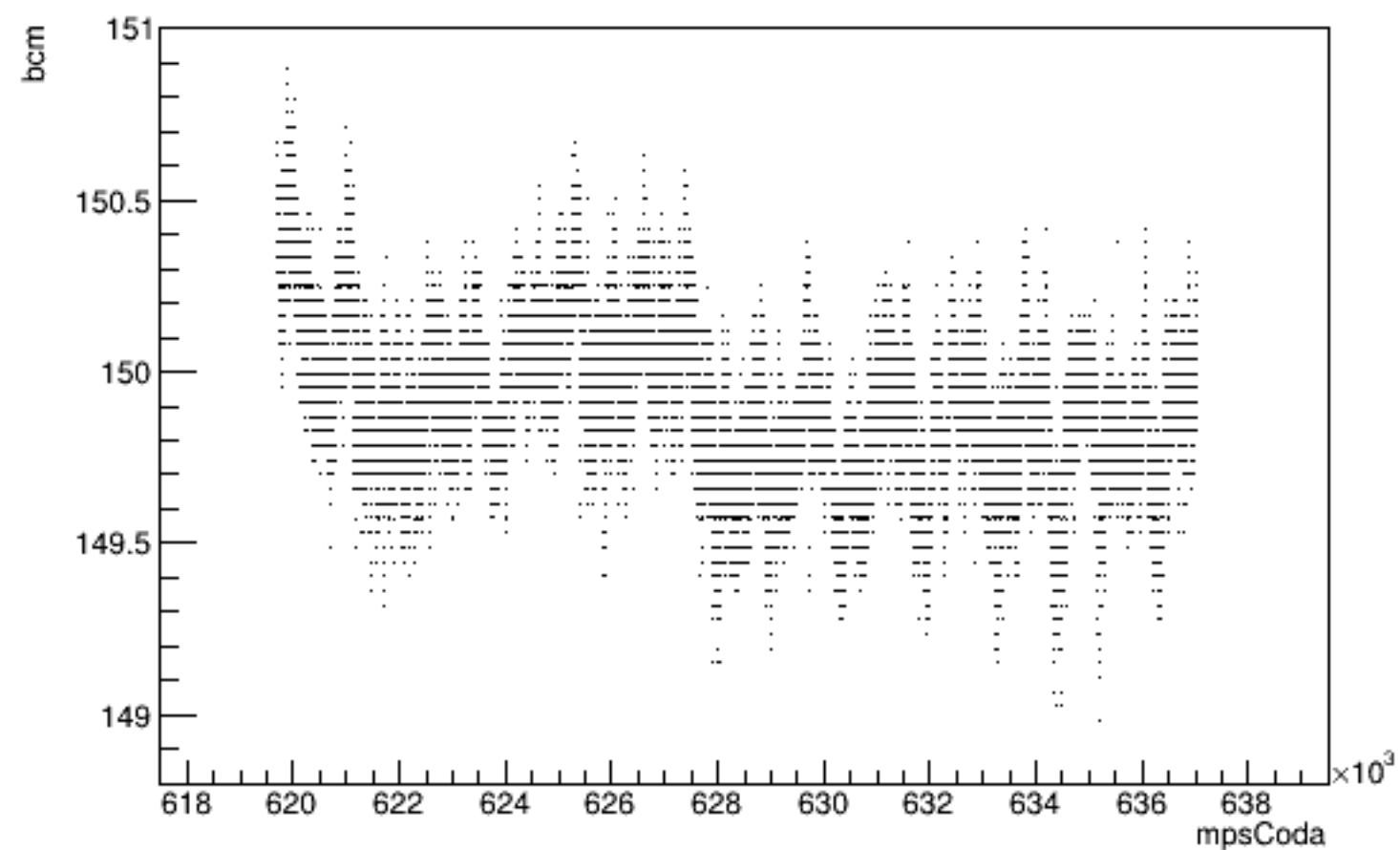
beamState + 1:mpsCoda {mpsCoda>=619699 && mpsCoda<=637046}



cavPowerCalibrated:mpsCoda {mpsCoda>=619699 && mpsCoda<=637046}



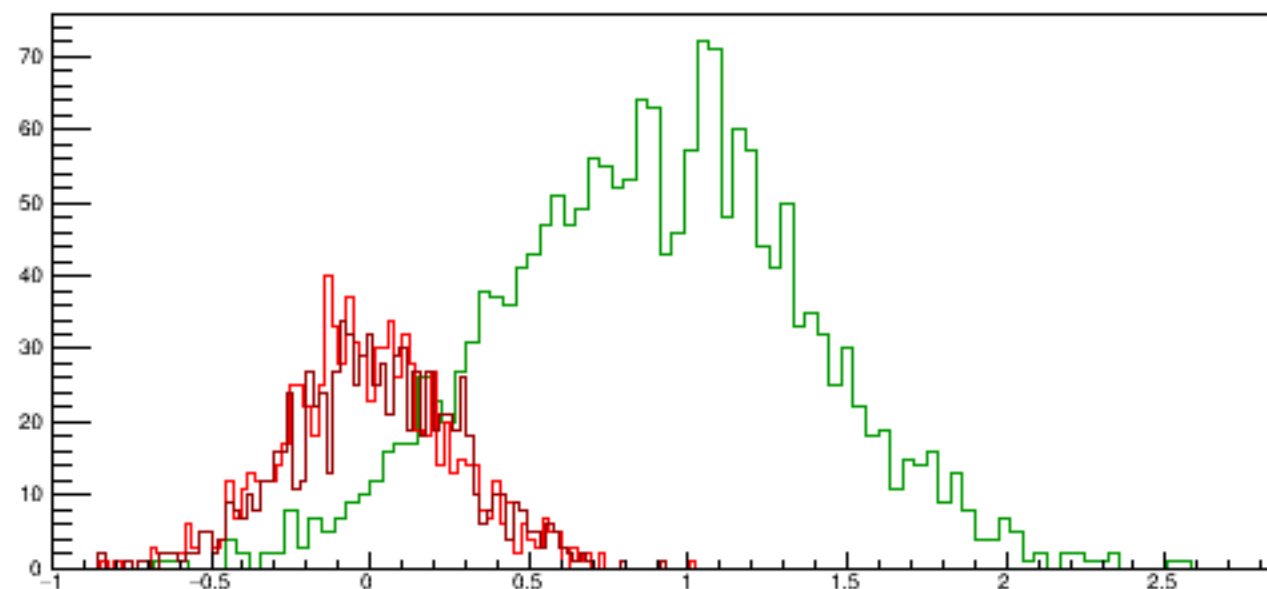
bcm:mpsCoda {mpsCoda>=619699 && mpsCoda<=637046}



Cycle 20, Diffs

Entries: 902	Entries: 1905	Entries: 890
Mean: -0.0090 +/- 0.0088	Mean: 0.8905 +/- 0.0111	Mean: 0.0156 +/- 0.0089
Std Dev: 0.2644 +/- 0.0062	Std Dev: 0.4859 +/- 0.0079	Std Dev: 0.2667 +/- 0.0063

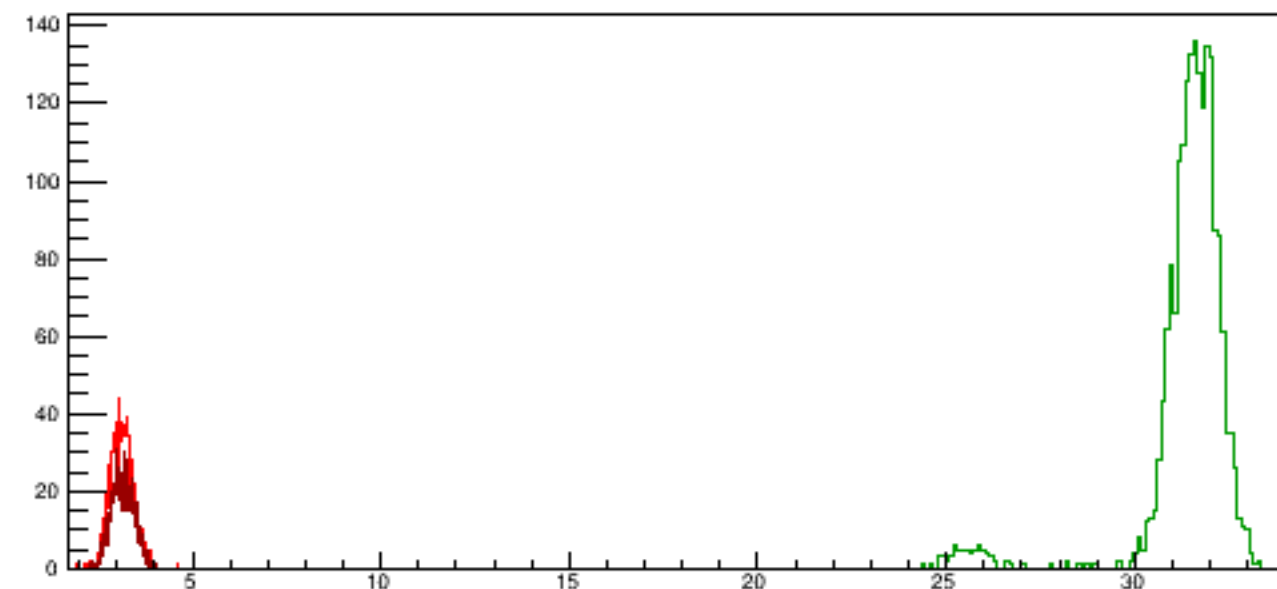
Run 5338 quartetwise, Diffs



Cycle 20, Sums

Entries: 902	Entries: 1905	Entries: 890
Mean: 3.1130 +/- 0.0102	Mean: 31.4015 +/- 0.0287	Mean: 3.1615 +/- 0.0098
Std Dev: 0.3063 +/- 0.0072	Std Dev: 1.2522 +/- 0.0203	Std Dev: 0.2932 +/- 0.0069

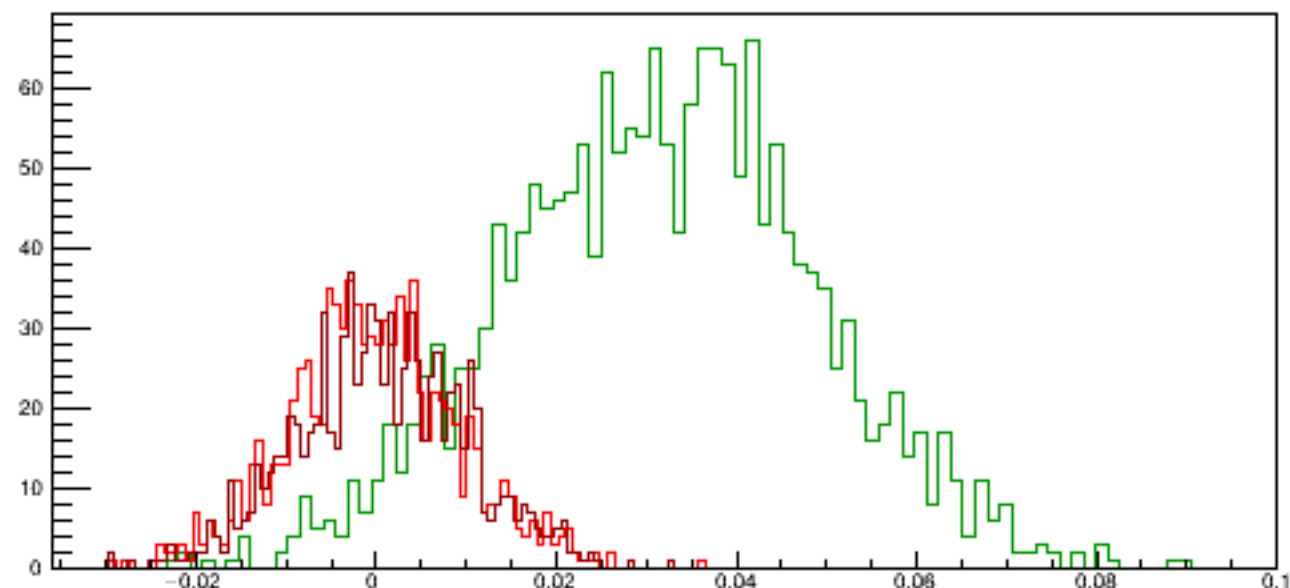
Run 5338 quartetwise, Sums



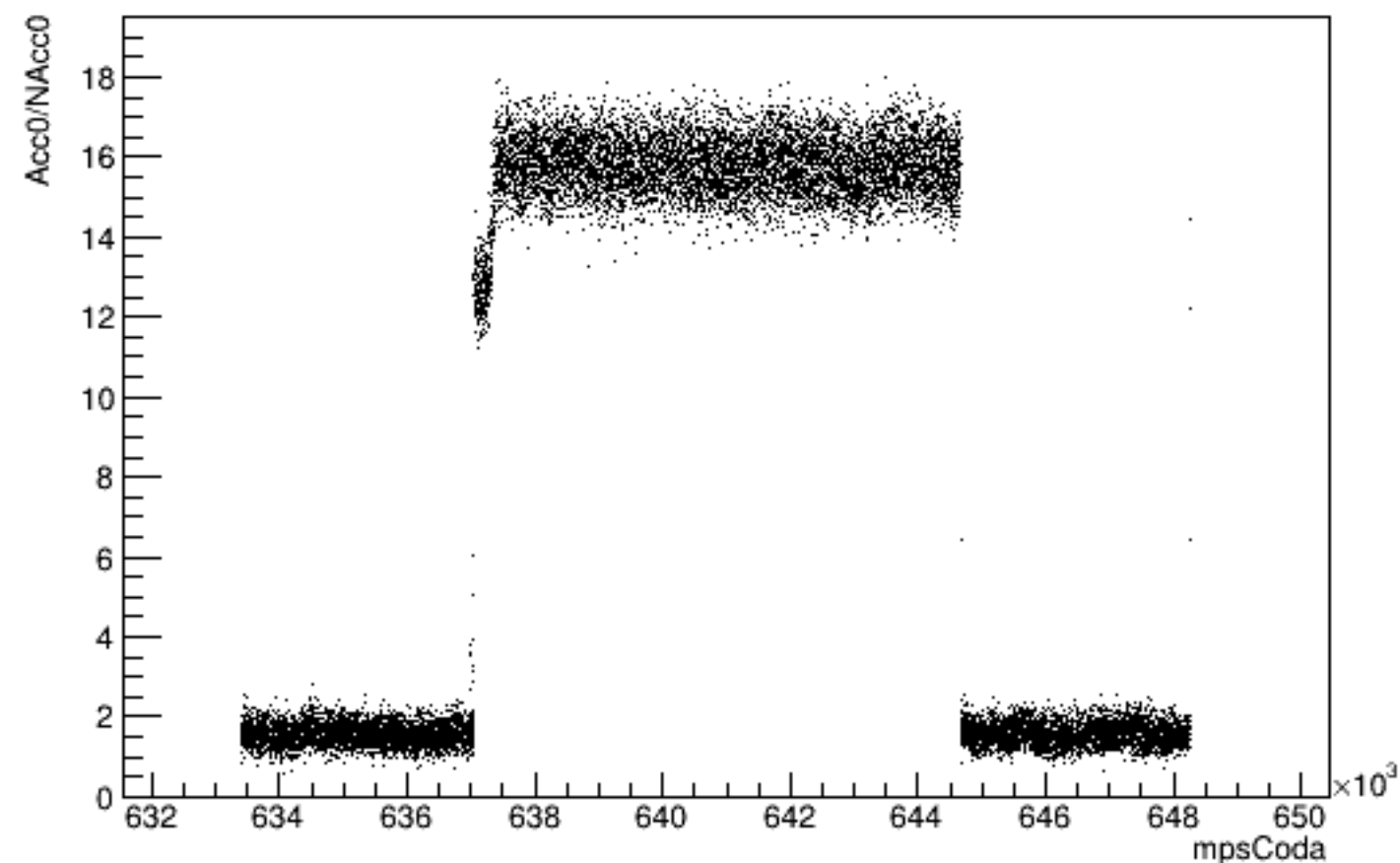
Cycle 20, Asyms

Entries: 902	Entries: 1905	Entries: 890
Mean: -0.0003 +/- 0.0003	Mean: 0.0315 +/- 0.0004	Mean: 0.0006 +/- 0.0003
Std Dev: 0.0094 +/- 0.0002	Std Dev: 0.0172 +/- 0.0003	Std Dev: 0.0094 +/- 0.0002

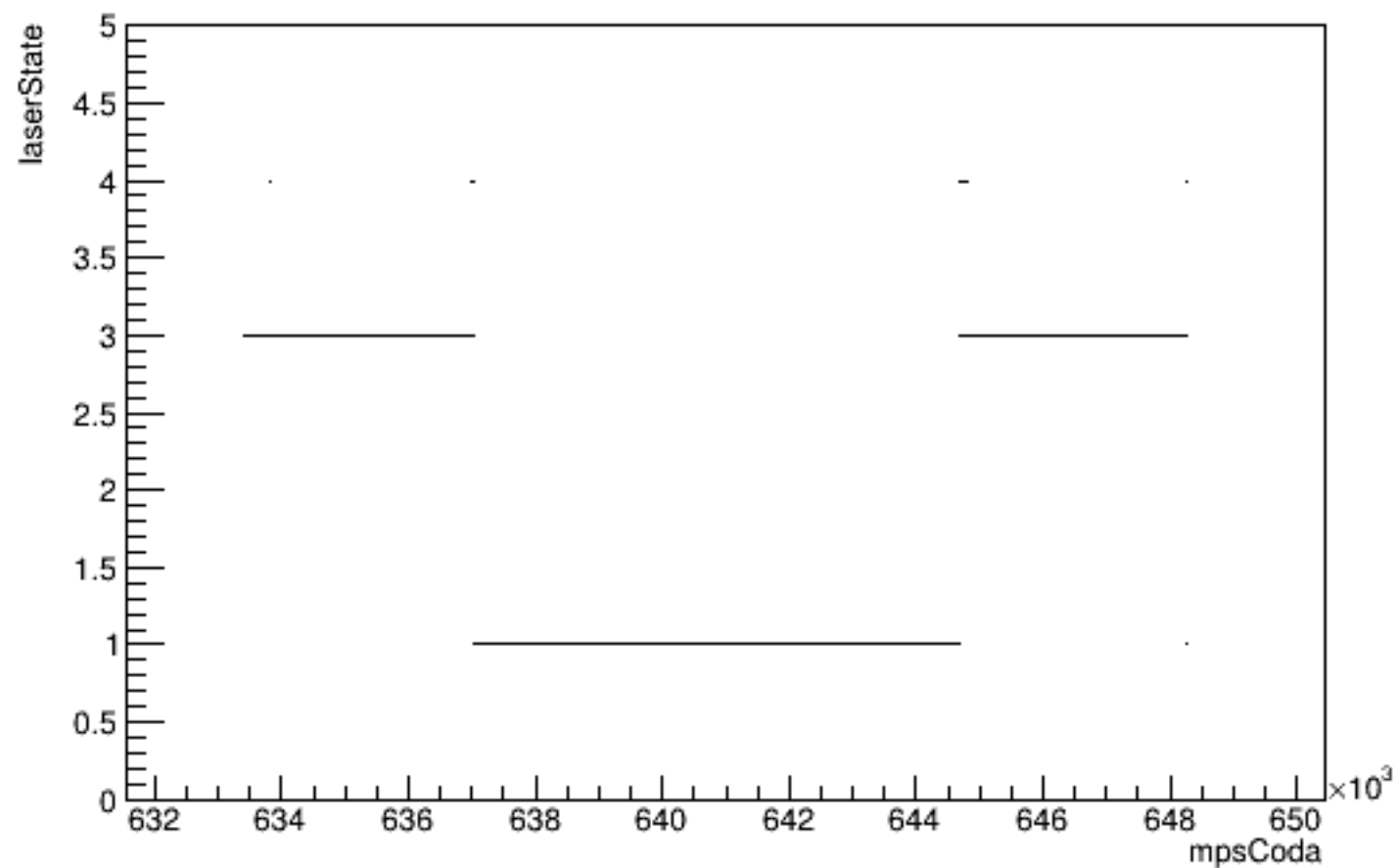
Run 5338 quartetwise, Asyms



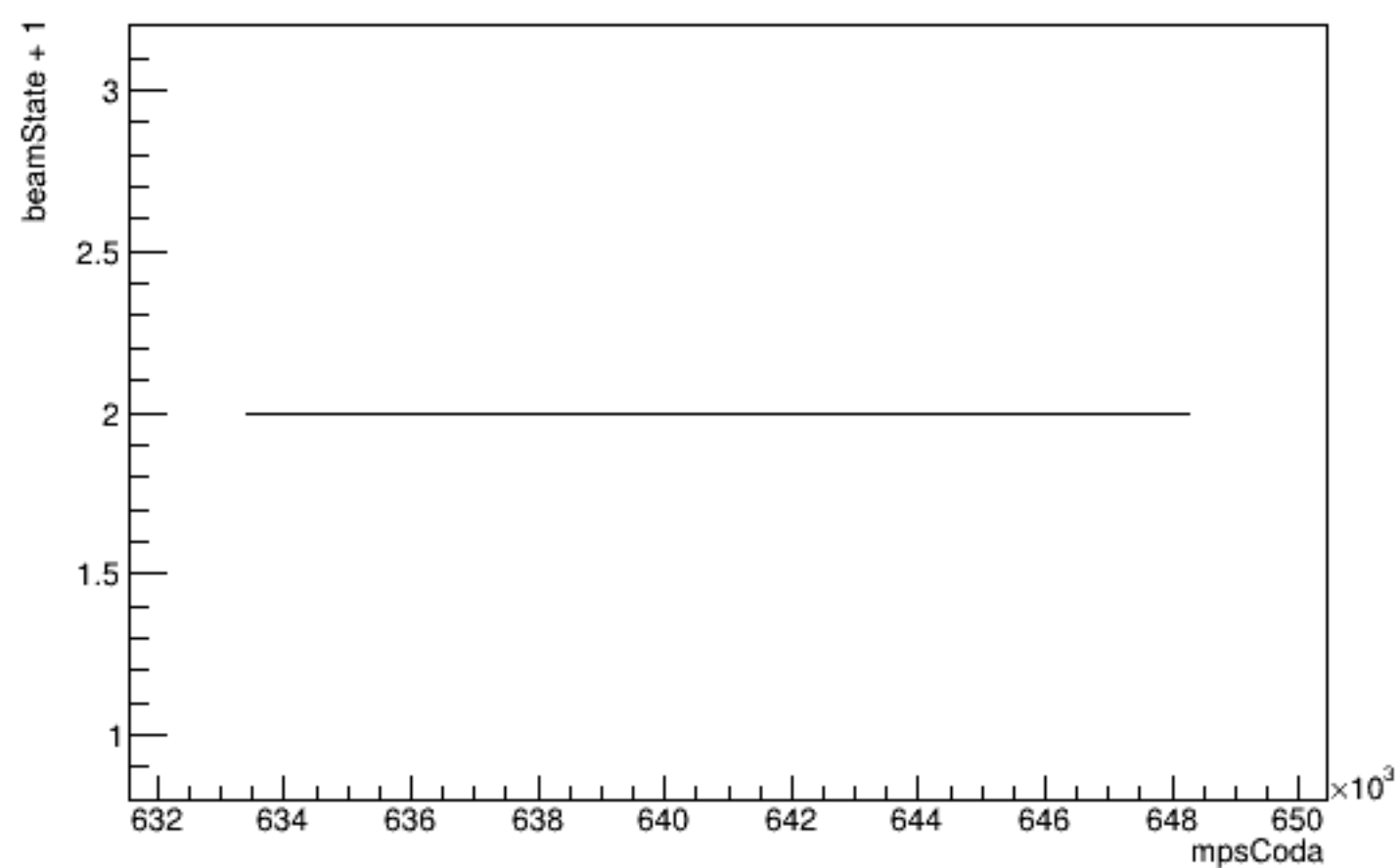
Acc0/NAcc0:mpsCoda (mpsCoda>=633403 && mpsCoda<=648254 && beamState==1)



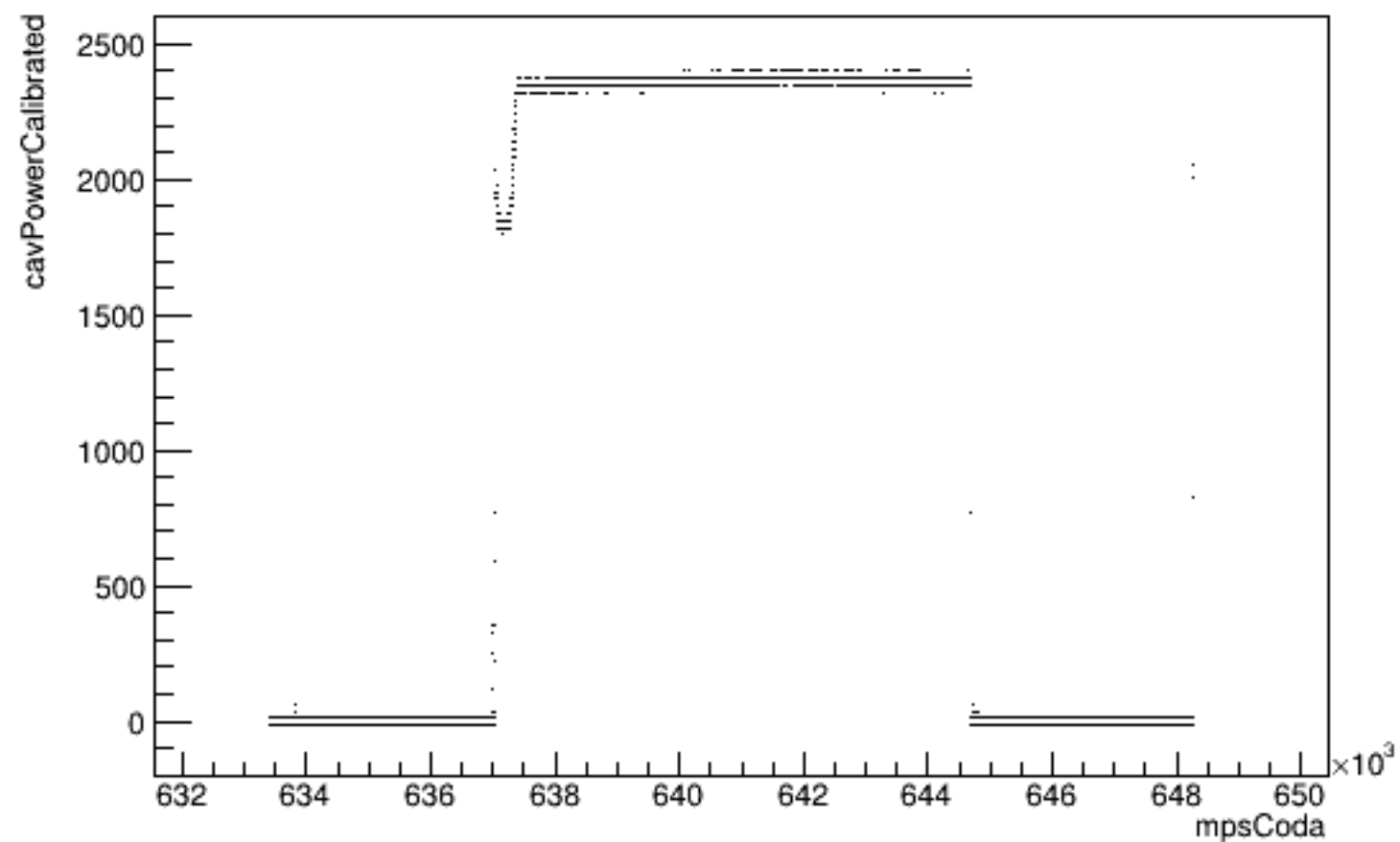
laserState:mpsCoda {mpsCoda>=633403 && mpsCoda<=648254}



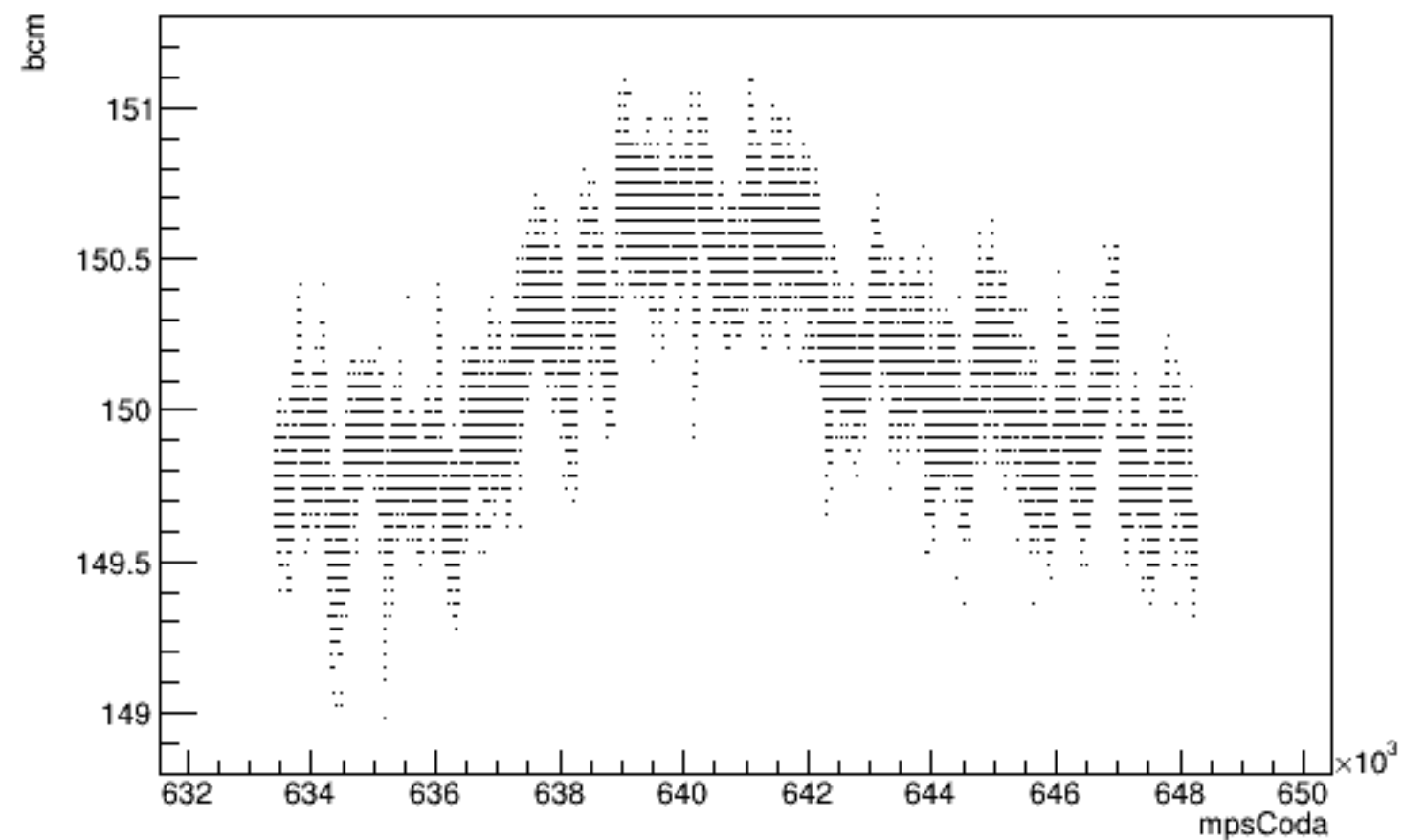
beamState + 1:mpsCoda {mpsCoda>=633403 && mpsCoda<=648254}



cavPowerCalibrated:mpsCoda {mpsCoda>=633403 && mpsCoda<=648254}



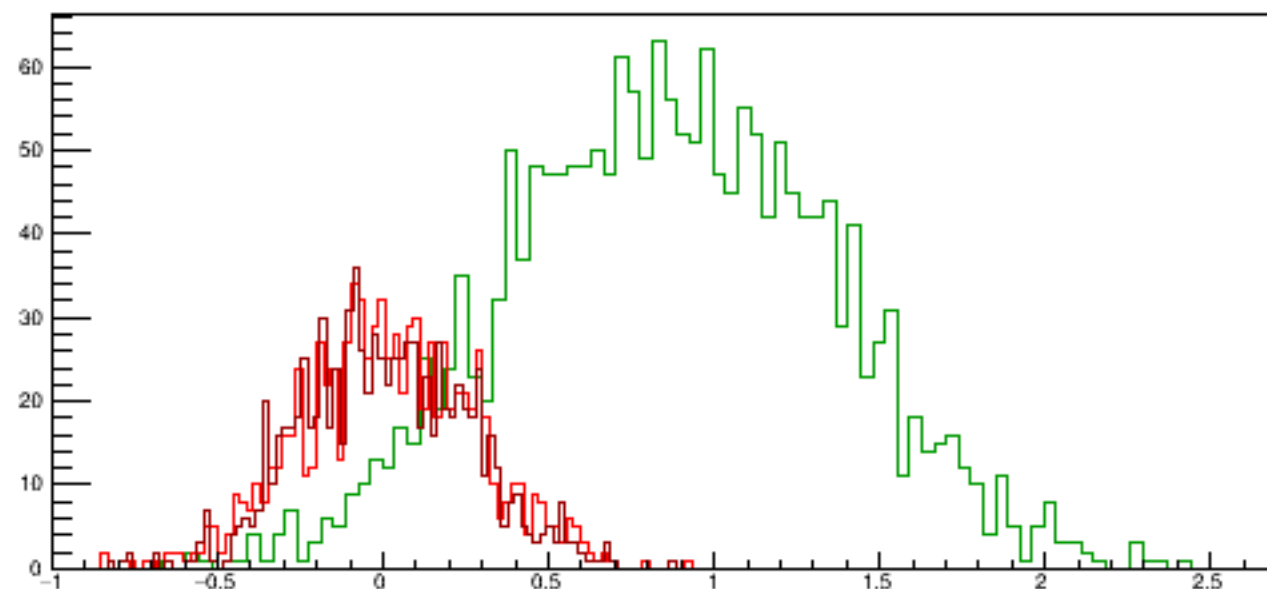
bcm:mpsCoda {mpsCoda>=633403 && mpsCoda<=648254}



Cycle 21, Diffs

Entries: 890	Entries: 1925	Entries: 897
Mean: 0.0156 +/- 0.0089	Mean: 0.8671 +/- 0.0112	Mean: 0.0066 +/- 0.0085
Std Dev: 0.2667 +/- 0.0063	Std Dev: 0.4893 +/- 0.0079	Std Dev: 0.2551 +/- 0.0060

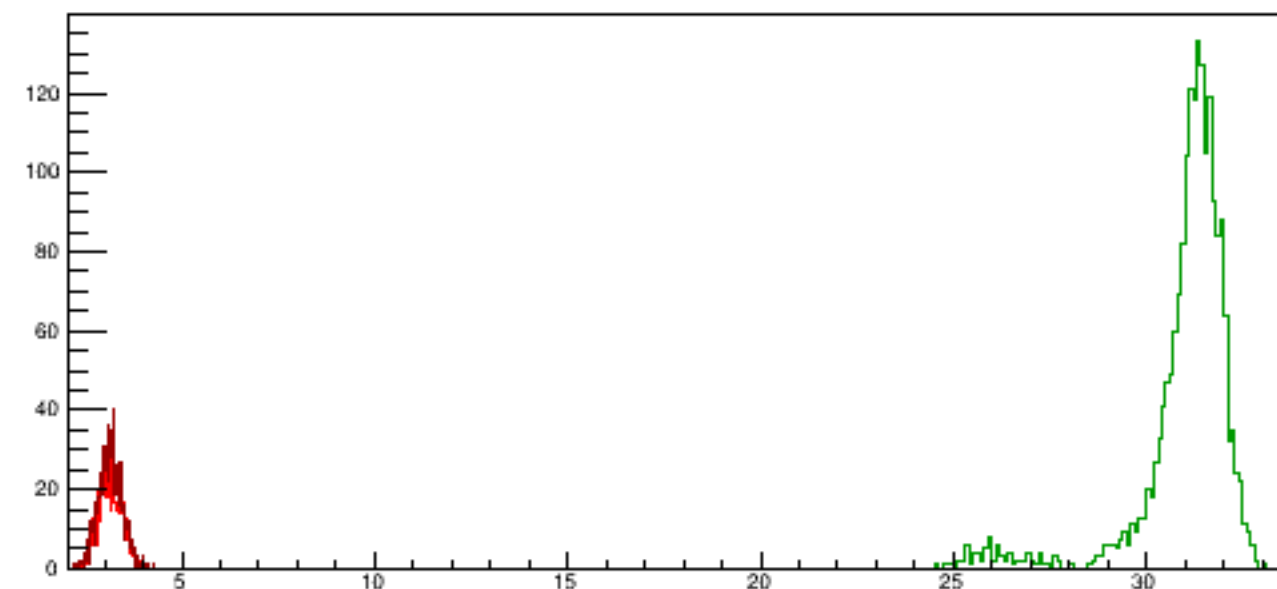
Run 5338 quartetwise, Diffs



Cycle 21, Sums

Entries: 890	Entries: 1925	Entries: 897
Mean: 3.1615 +/- 0.0098	Mean: 31.0367 +/- 0.0280	Mean: 3.1567 +/- 0.0100
Std Dev: 0.2932 +/- 0.0069	Std Dev: 1.2284 +/- 0.0198	Std Dev: 0.3007 +/- 0.0071

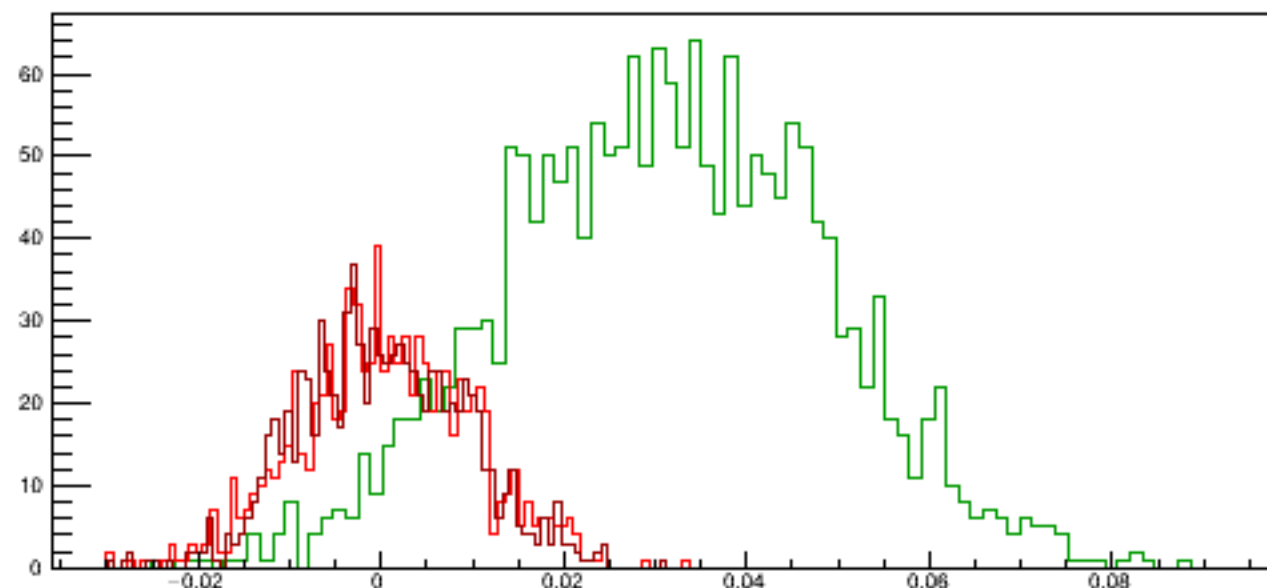
Run 5338 quartetwise, Sums



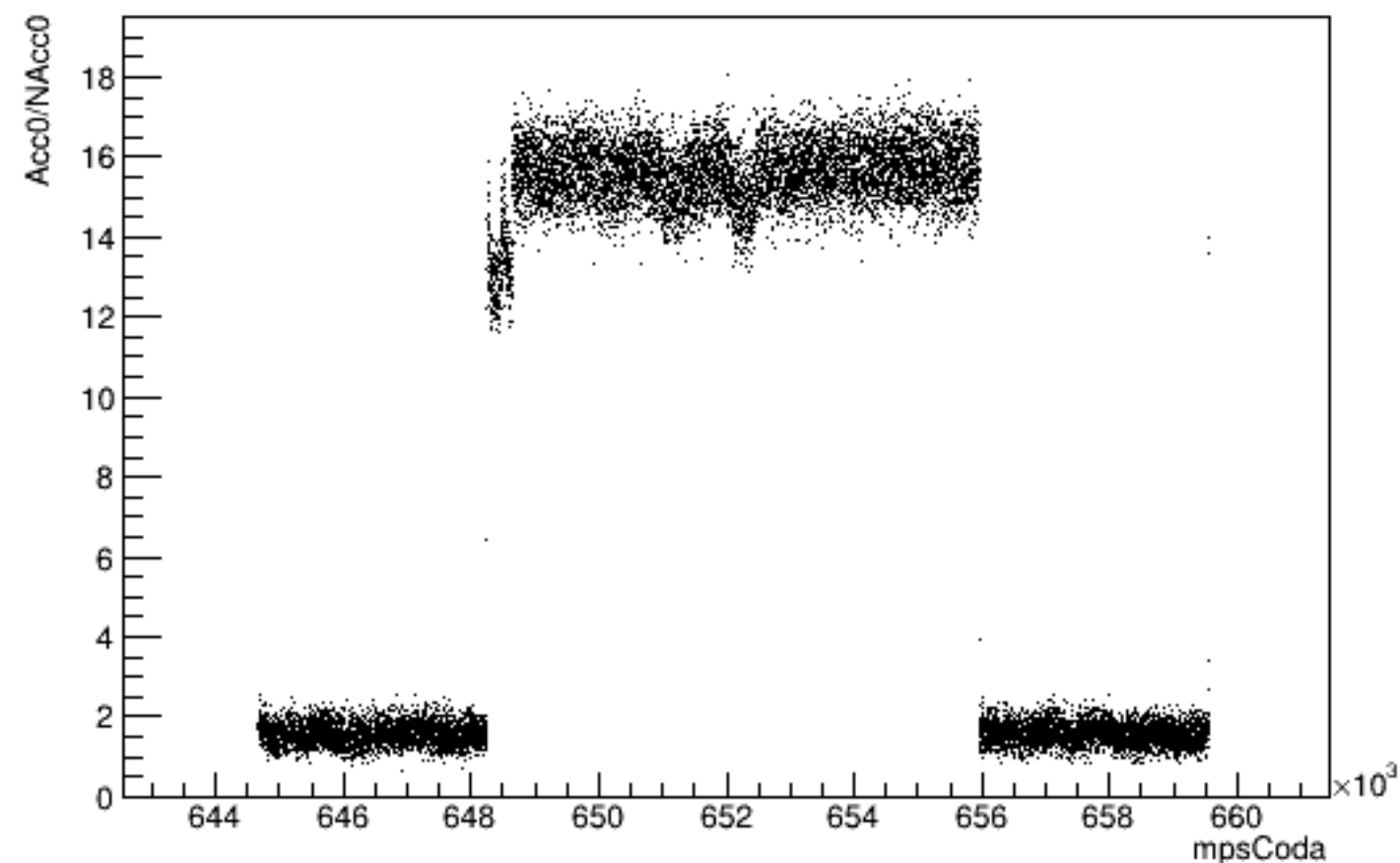
Cycle 21, Asyms

Entries: 890	Entries: 1925	Entries: 897
Mean: 0.0006 +/- 0.0003	Mean: 0.0311 +/- 0.0004	Mean: 0.0002 +/- 0.0003
Std Dev: 0.0096 +/- 0.0002	Std Dev: 0.0175 +/- 0.0003	Std Dev: 0.0091 +/- 0.0002

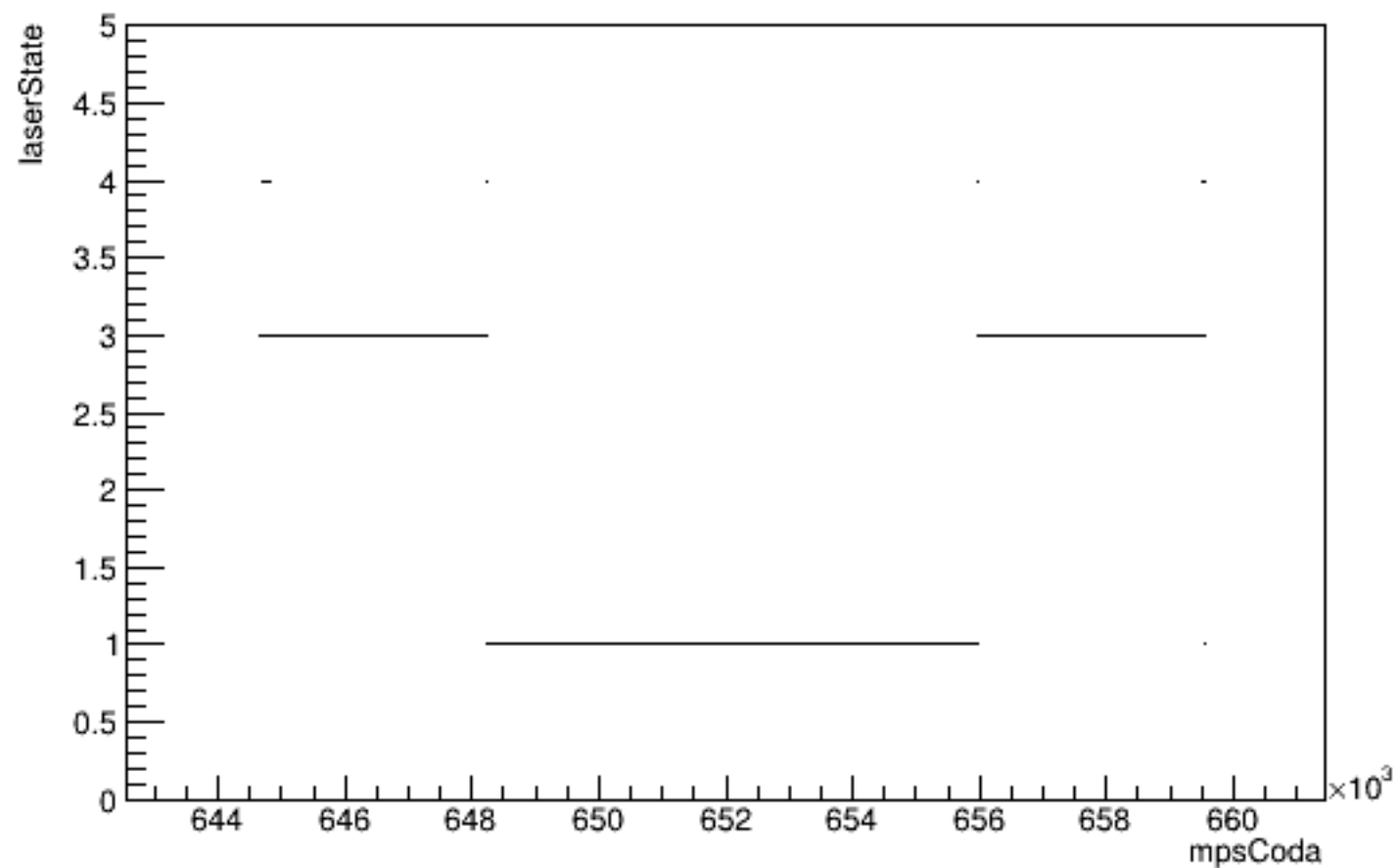
Run 5338 quartetwise, Asyms



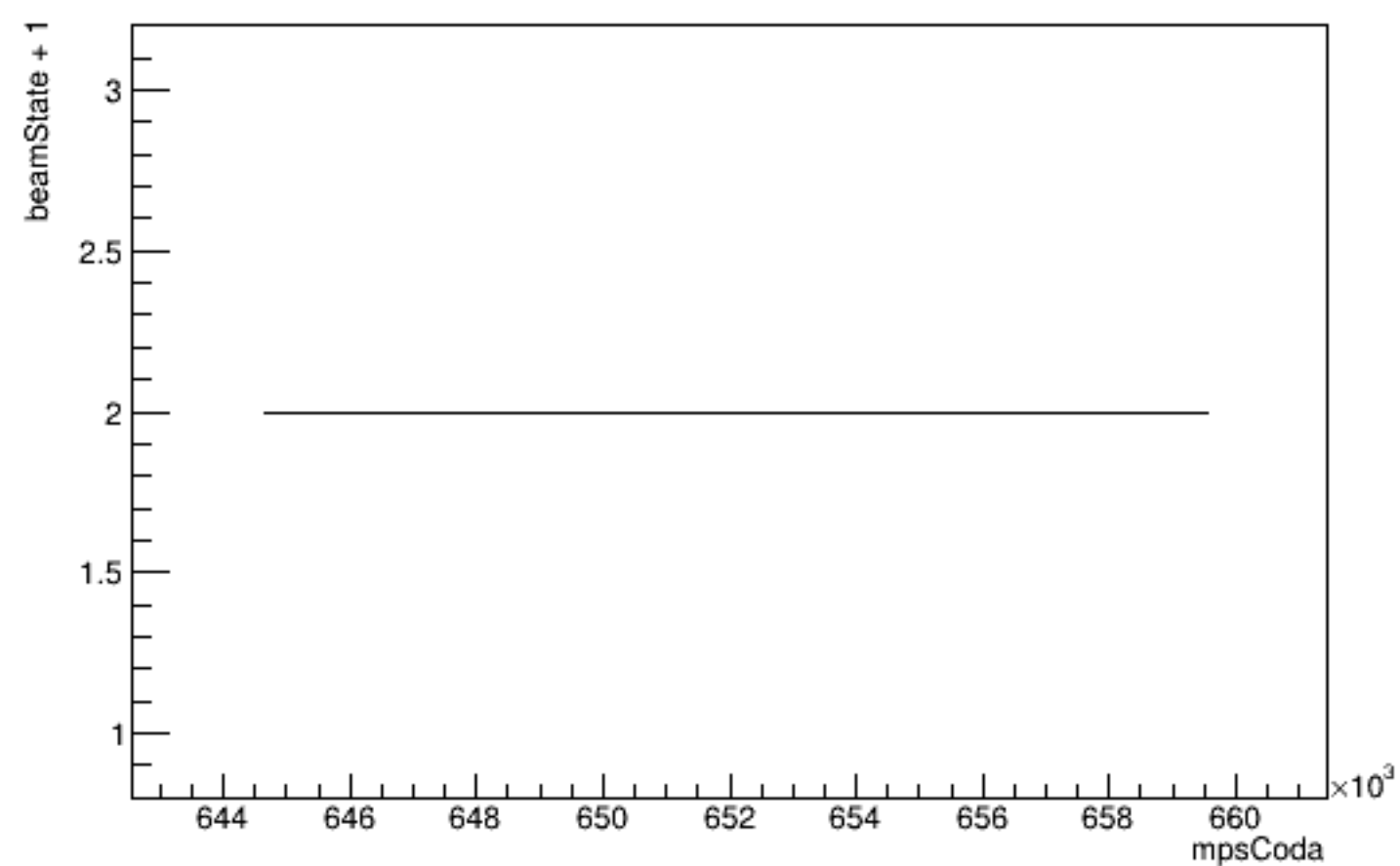
Acc0/NAcc0:mpsCoda (mpsCoda>=644671 && mpsCoda<=659558 && beamState==1)



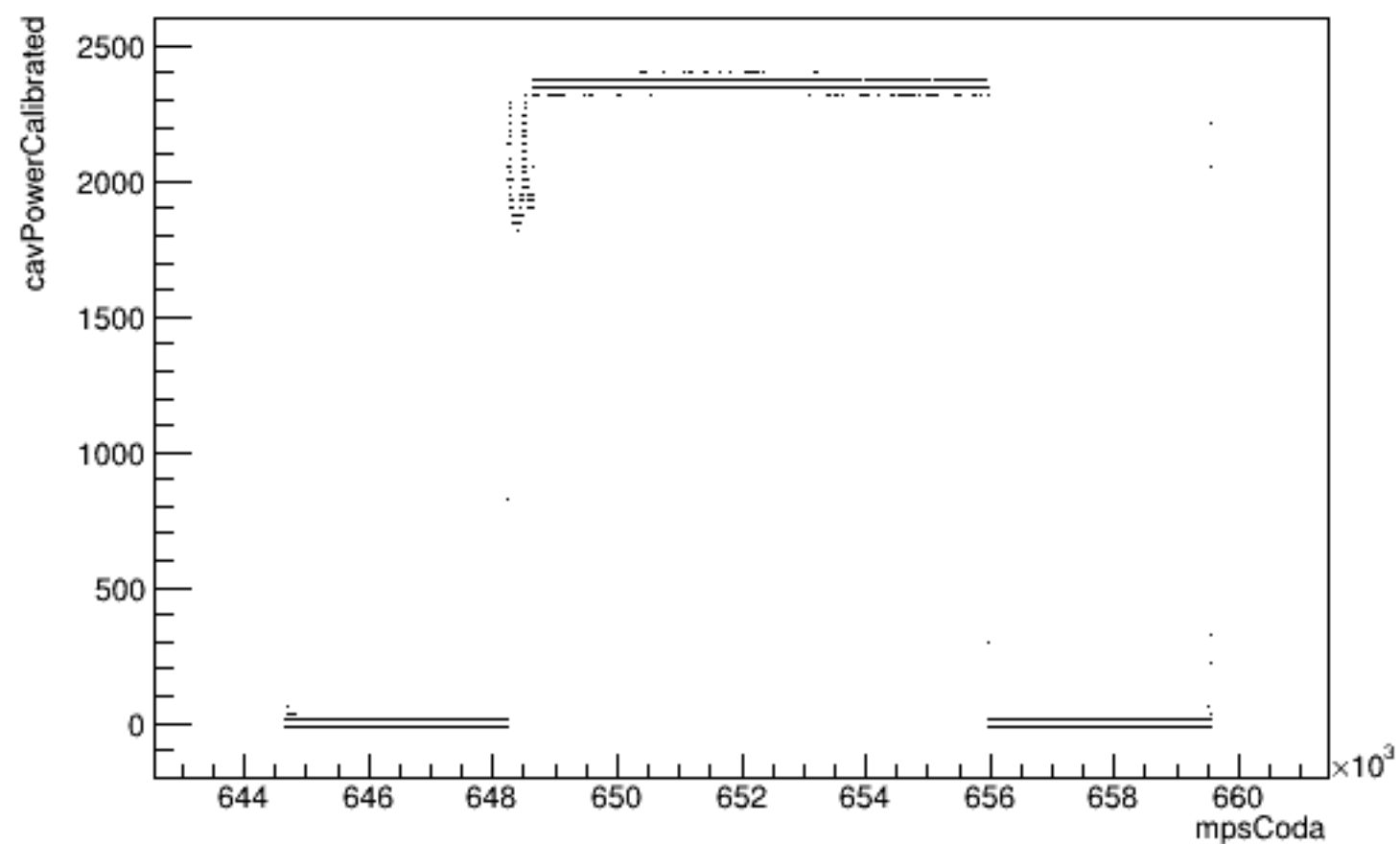
laserState:mpsCoda {mpsCoda>=644671 && mpsCoda<=659558}



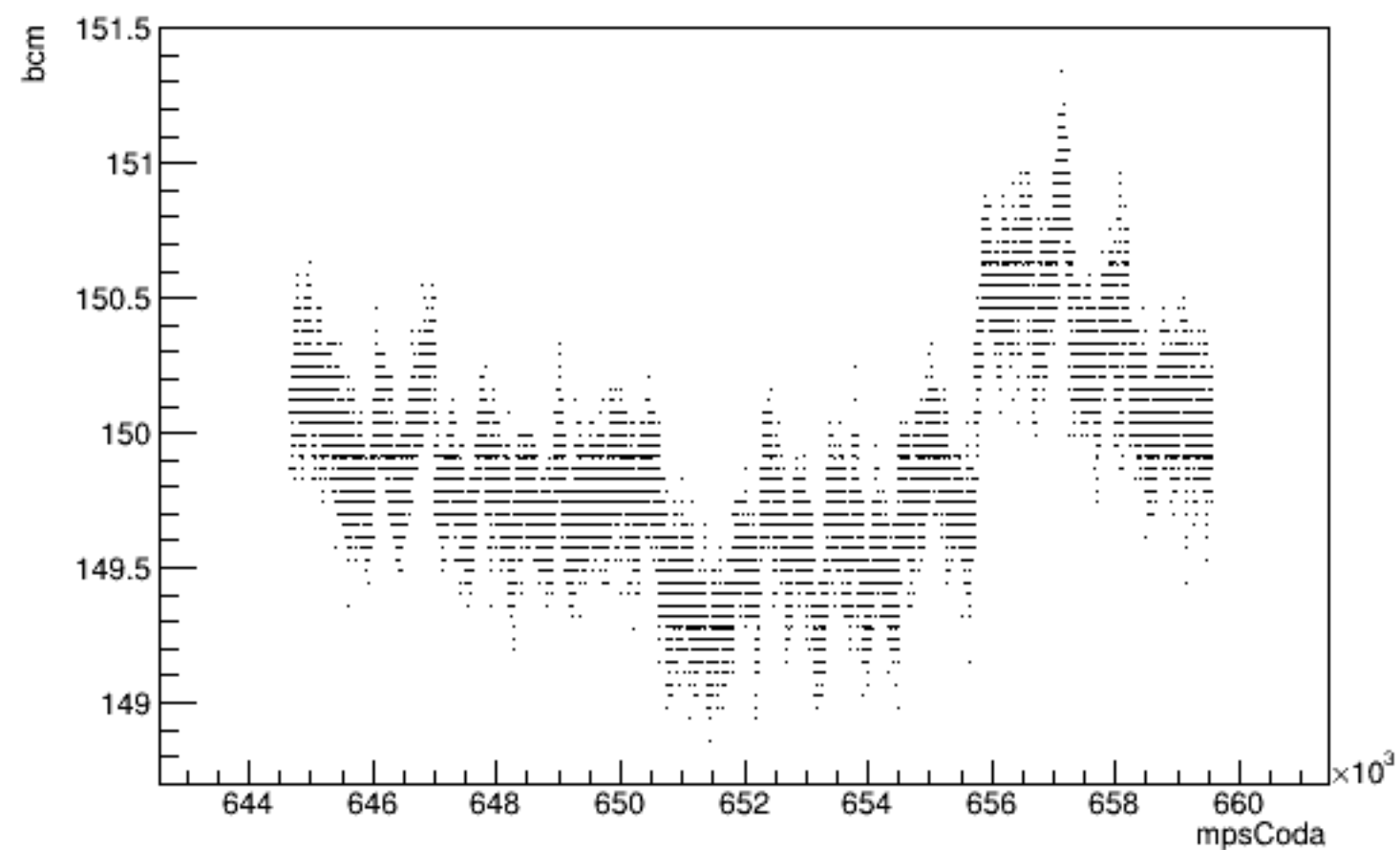
beamState + 1:mpsCoda {mpsCoda>=644671 && mpsCoda<=659558}



cavPowerCalibrated:mpsCoda {mpsCoda>=644671 && mpsCoda<=659558}



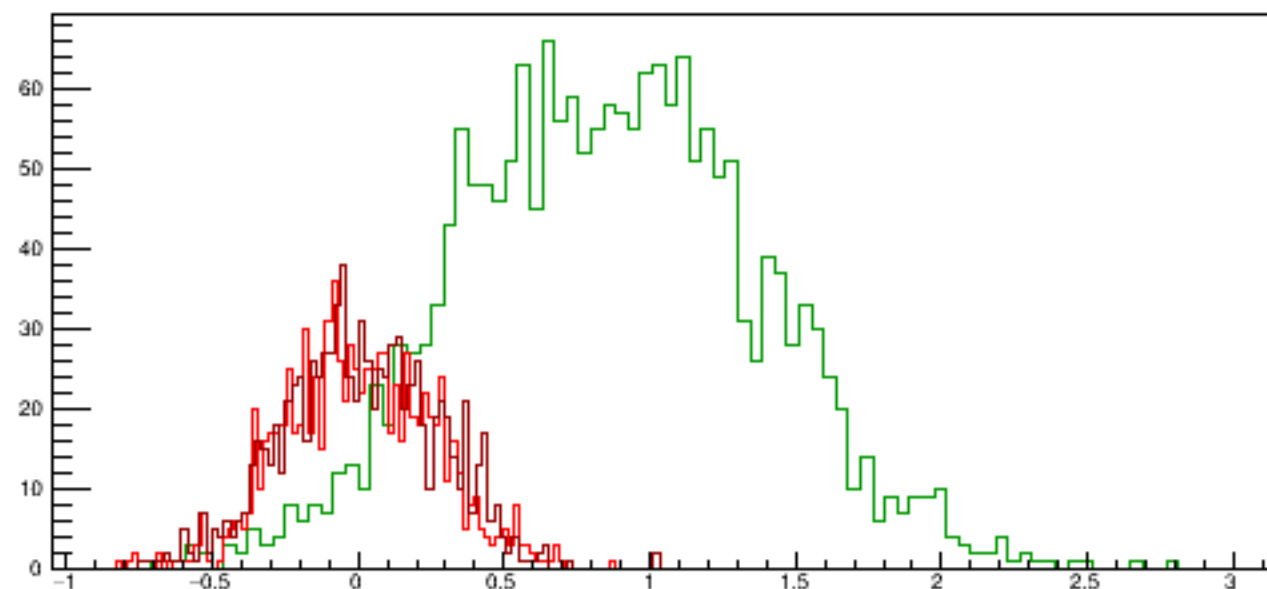
bcm:mpsCoda {mpsCoda>=644671 && mpsCoda<=659558}



Cycle 22, Diffs

Entries: 897	Entries: 1922	Entries: 904
Mean: 0.0066 +/- 0.0085	Mean: 0.8629 +/- 0.0117	Mean: 0.0107 +/- 0.0087
Std Dev: 0.2551 +/- 0.0060	Std Dev: 0.5137 +/- 0.0083	Std Dev: 0.2629 +/- 0.0062

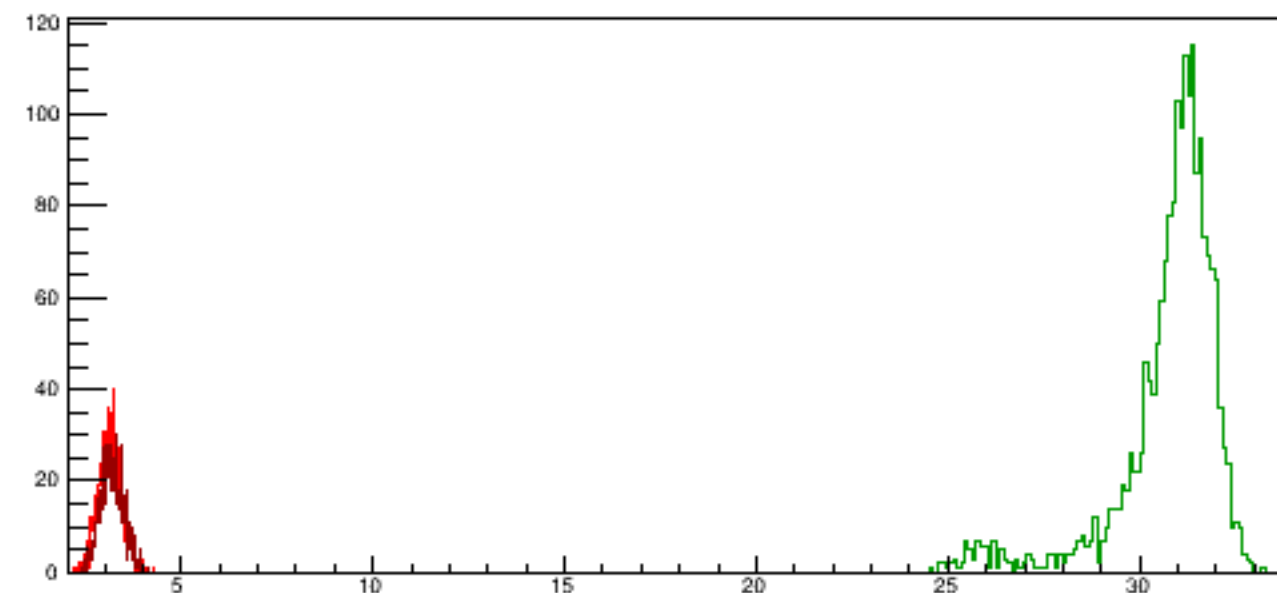
Run 5338 quartetwise, Diffs



Cycle 22, Sums

Entries: 897	Entries: 1922	Entries: 904
Mean: 3.1567 +/- 0.0100	Mean: 30.7758 +/- 0.0306	Mean: 3.2043 +/- 0.0102
Std Dev: 0.3007 +/- 0.0071	Std Dev: 1.3416 +/- 0.0216	Std Dev: 0.3059 +/- 0.0072

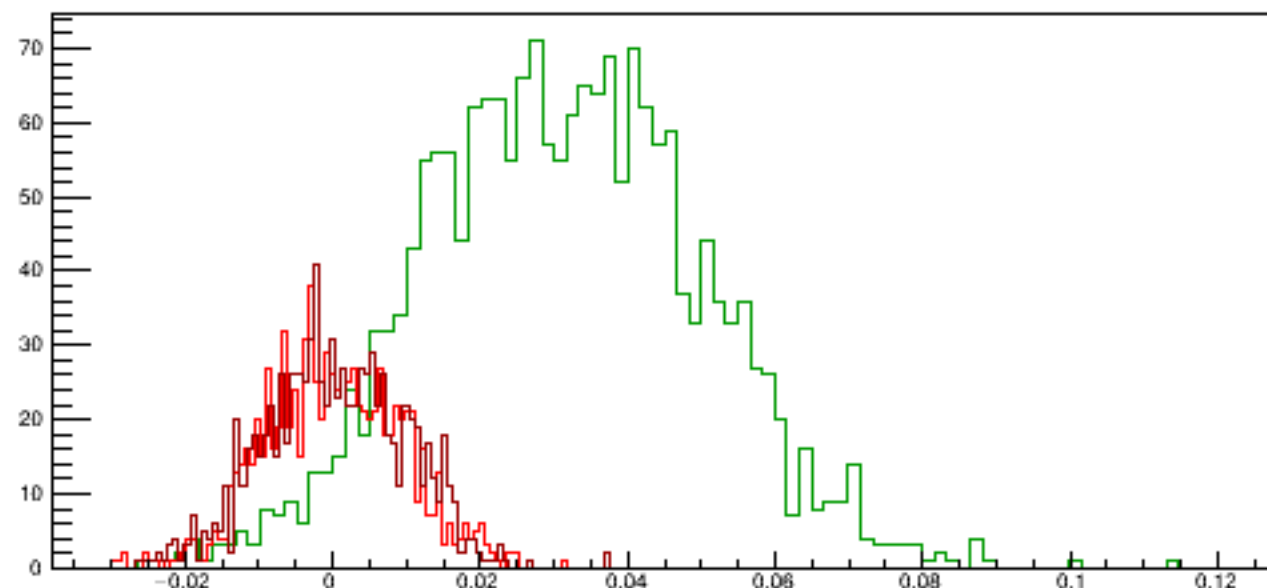
Run 5338 quartetwise, Sums



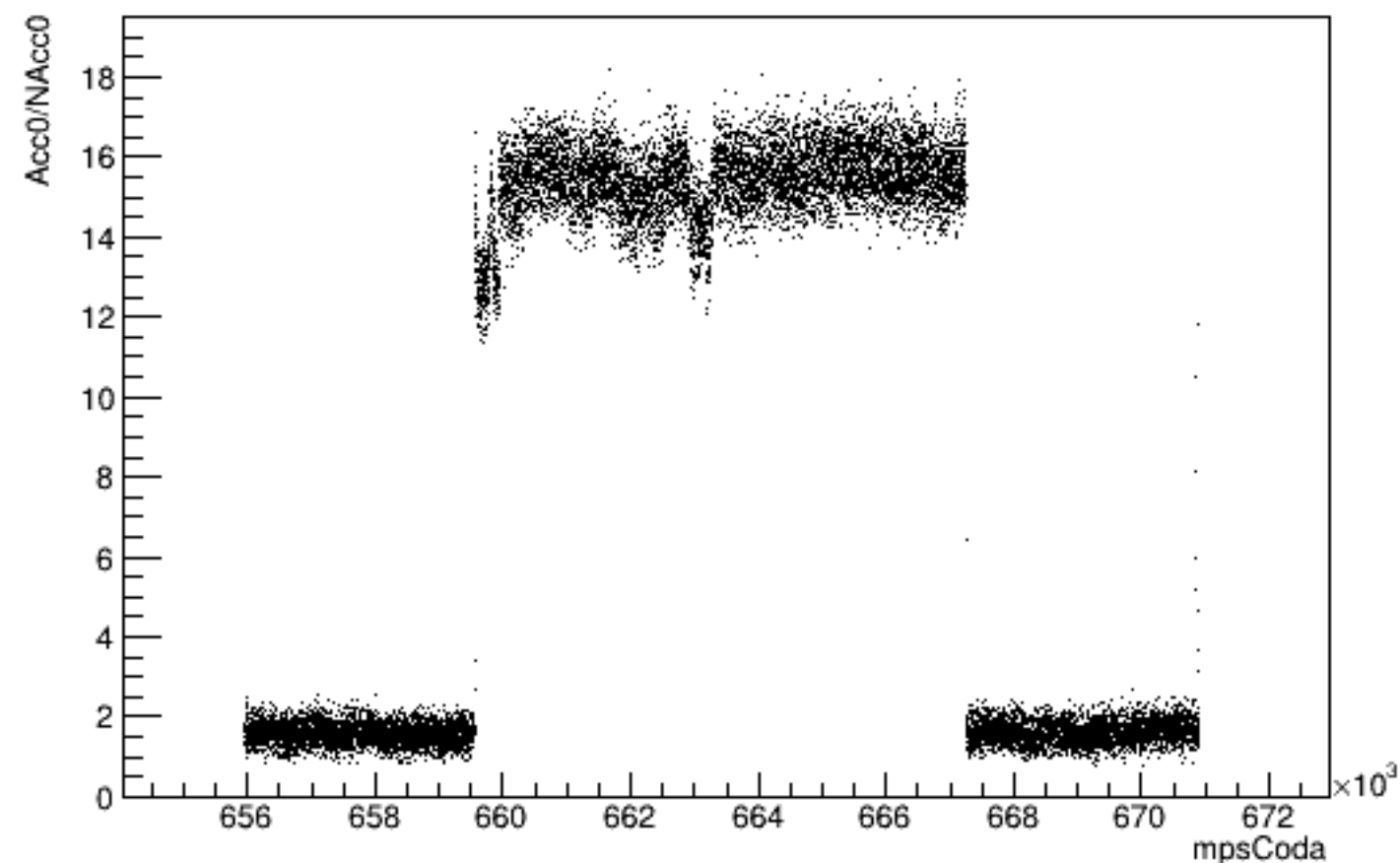
Cycle 22, Asyms

Entries: 897	Entries: 1922	Entries: 904
Mean: 0.0002 +/- 0.0003	Mean: 0.0313 +/- 0.0004	Mean: 0.0004 +/- 0.0003
Std Dev: 0.0092 +/- 0.0002	Std Dev: 0.0186 +/- 0.0003	Std Dev: 0.0095 +/- 0.0002

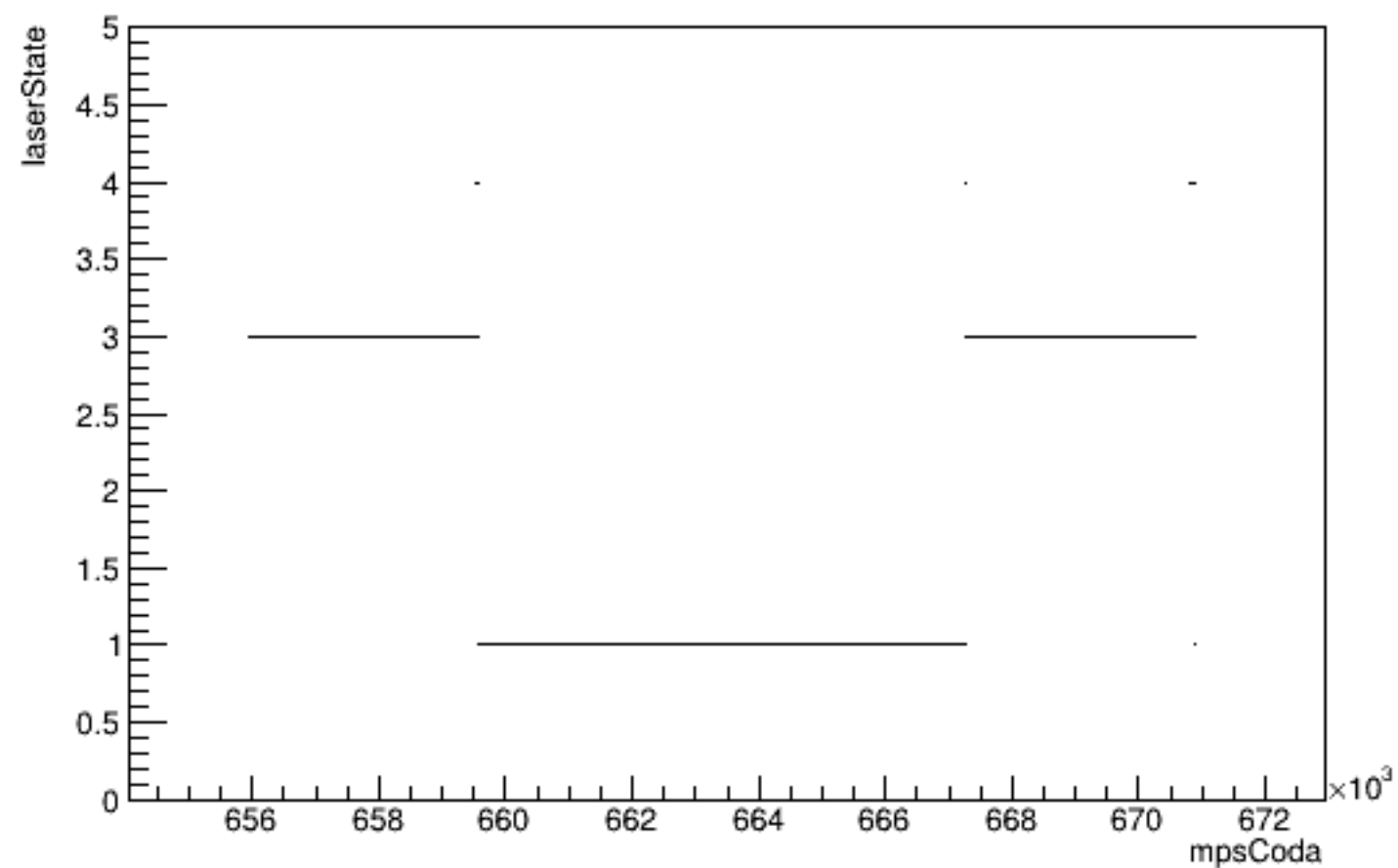
Run 5338 quartetwise, Asyms



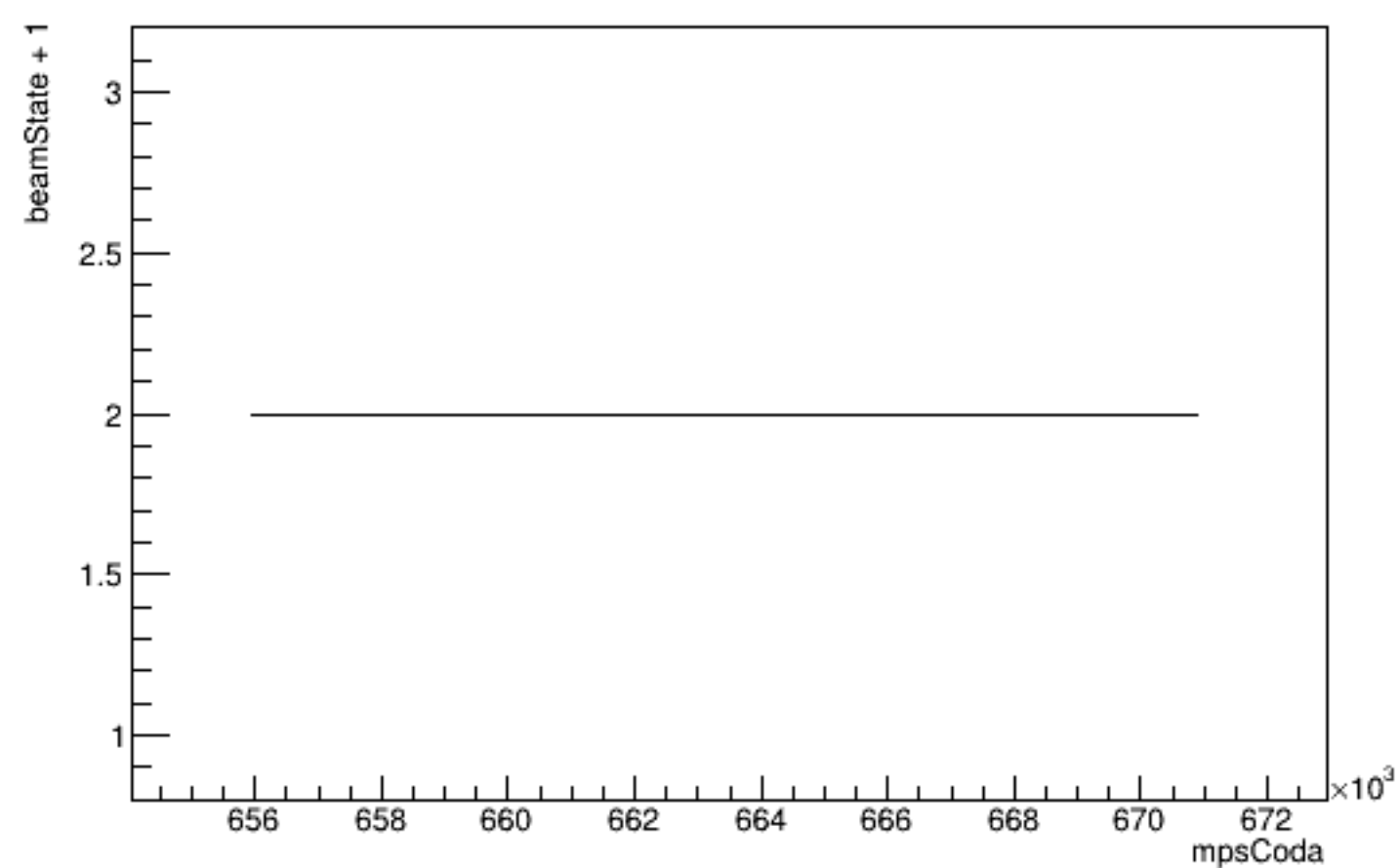
Acc0/NAcc0:mpsCoda (mpsCoda>=655959 && mpsCoda<=670890 && beamState==1)



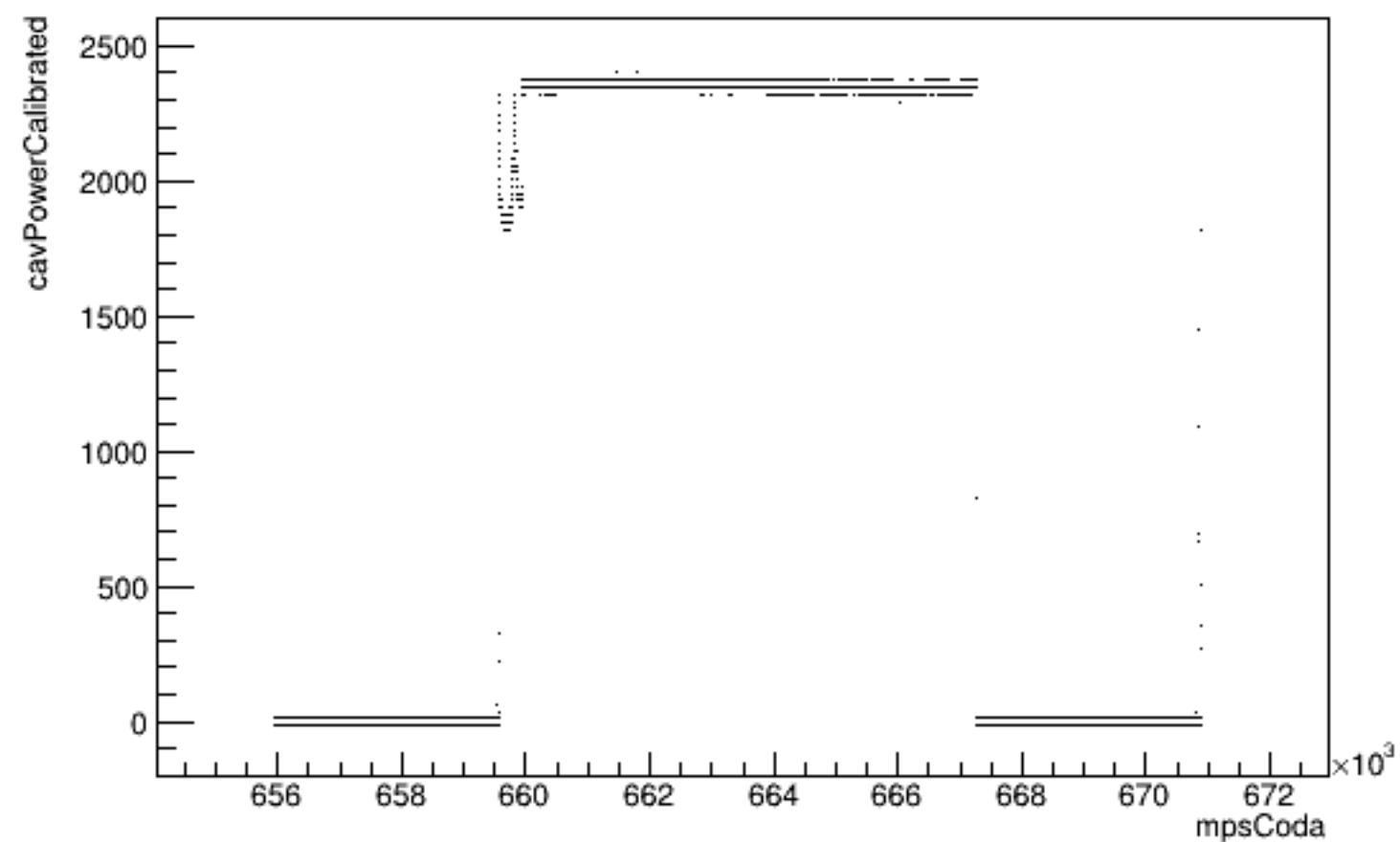
laserState:mpsCoda {mpsCoda>=655959 && mpsCoda<=670890}



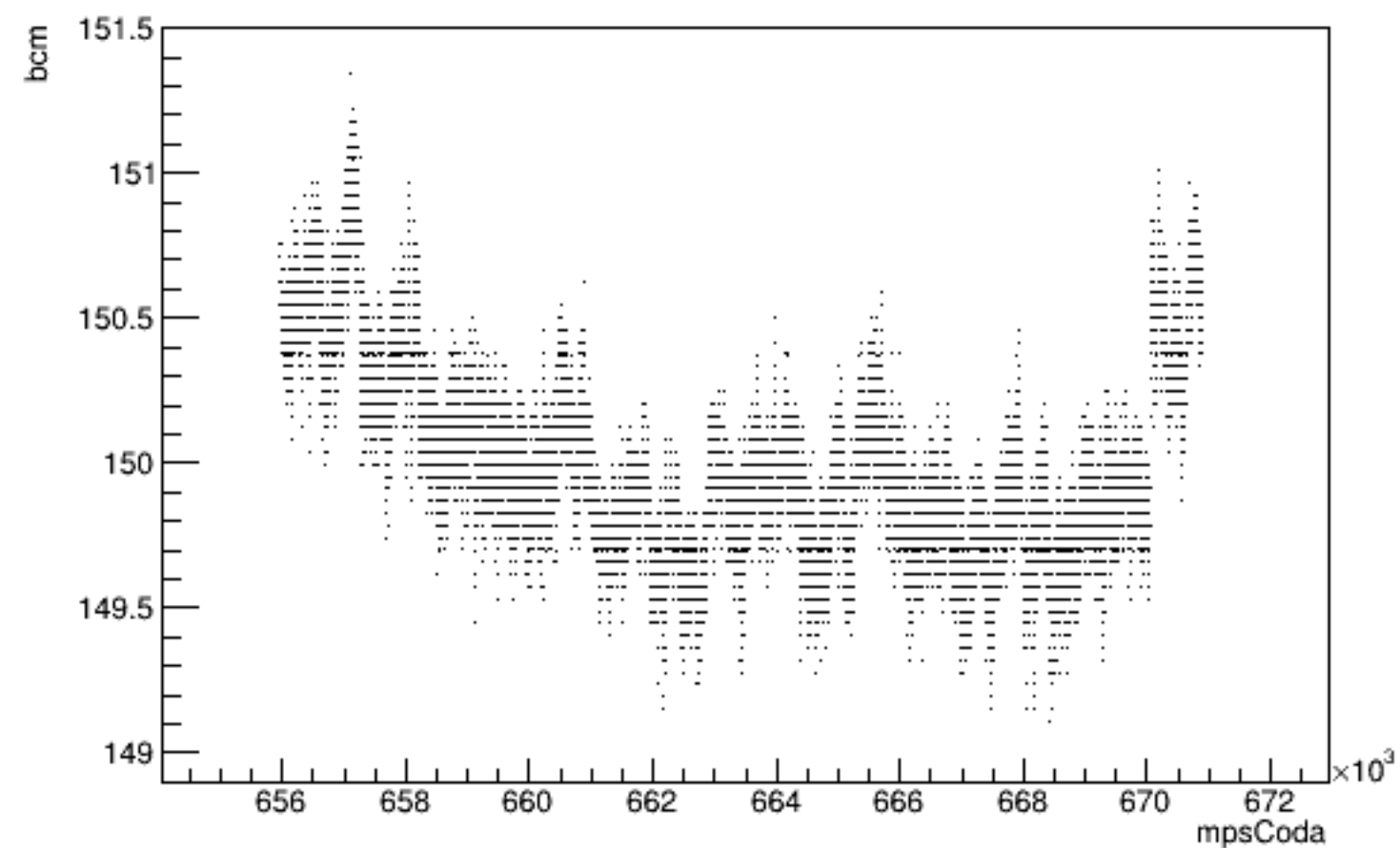
beamState + 1:mpsCoda {mpsCoda>=655959 && mpsCoda<=670890}



cavPowerCalibrated:mpsCoda {mpsCoda>=655959 && mpsCoda<=670890}



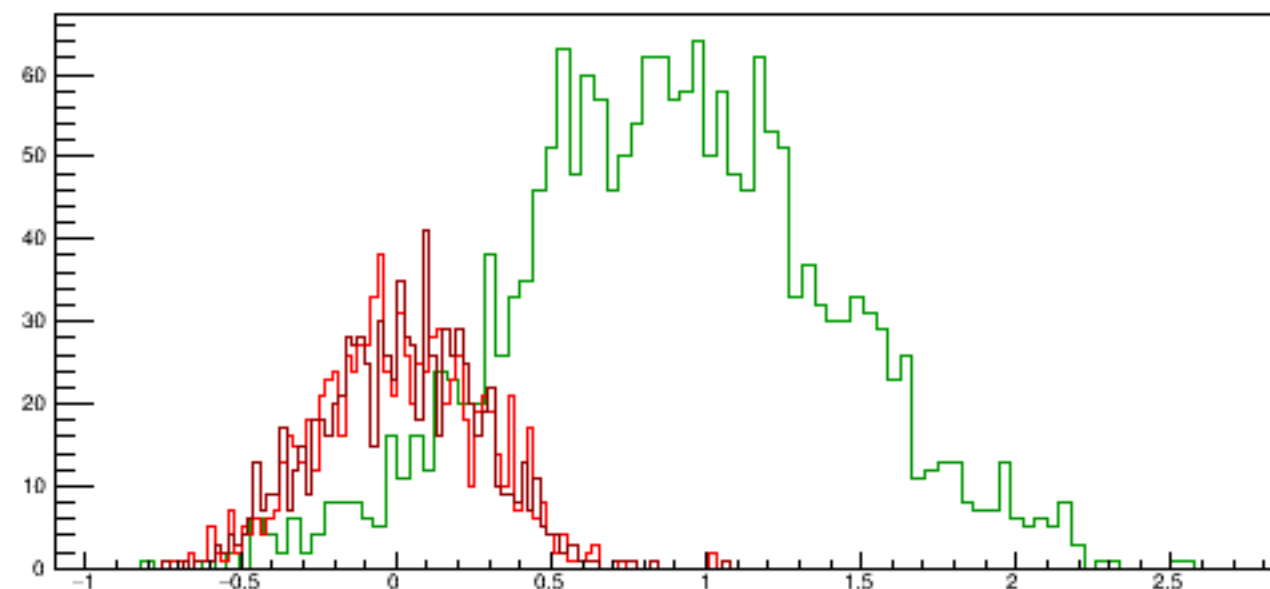
bcm:mpsCoda {mpsCoda>=655959 && mpsCoda<=670890}



Cycle 23, Diffs

Entries: 904	Entries: 1908	Entries: 894
Mean: 0.0107 +/- 0.0087	Mean: 0.8945 +/- 0.0117	Mean: 0.0146 +/- 0.0086
Std Dev: 0.2629 +/- 0.0062	Std Dev: 0.5109 +/- 0.0083	Std Dev: 0.2586 +/- 0.0061

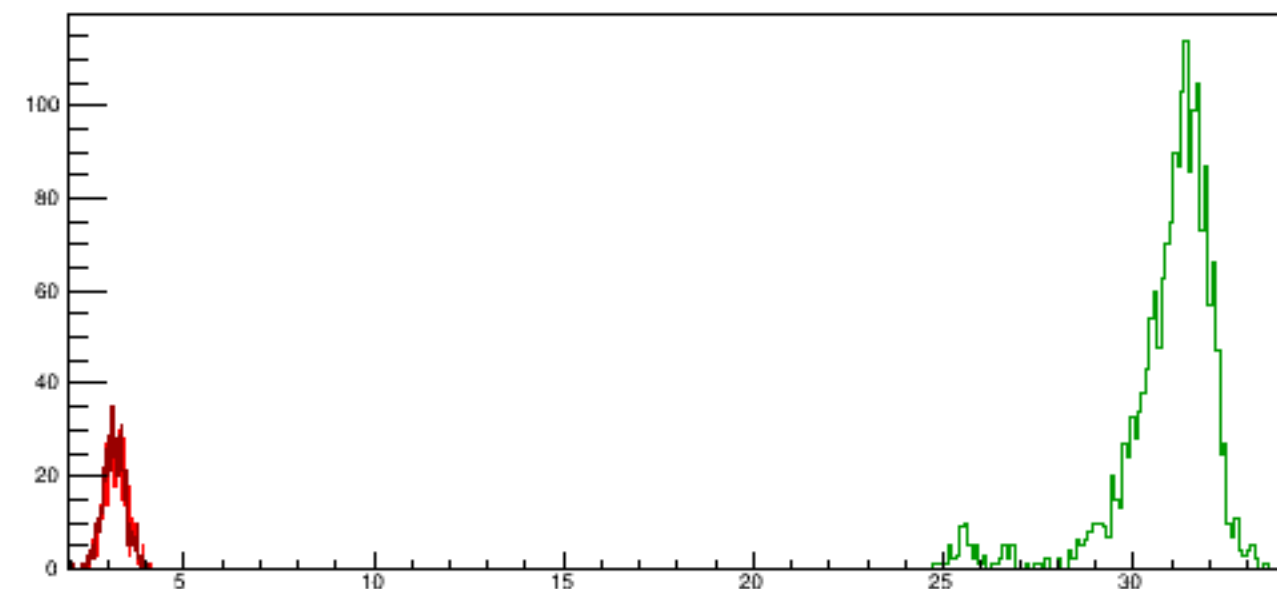
Run 5338 quartetwise, Diffs



Cycle 23, Sums

Entries: 904	Entries: 1908	Entries: 894
Mean: 3.2043 +/- 0.0102	Mean: 30.9339 +/- 0.0298	Mean: 3.1733 +/- 0.0097
Std Dev: 0.3059 +/- 0.0072	Std Dev: 1.3015 +/- 0.0211	Std Dev: 0.2905 +/- 0.0069

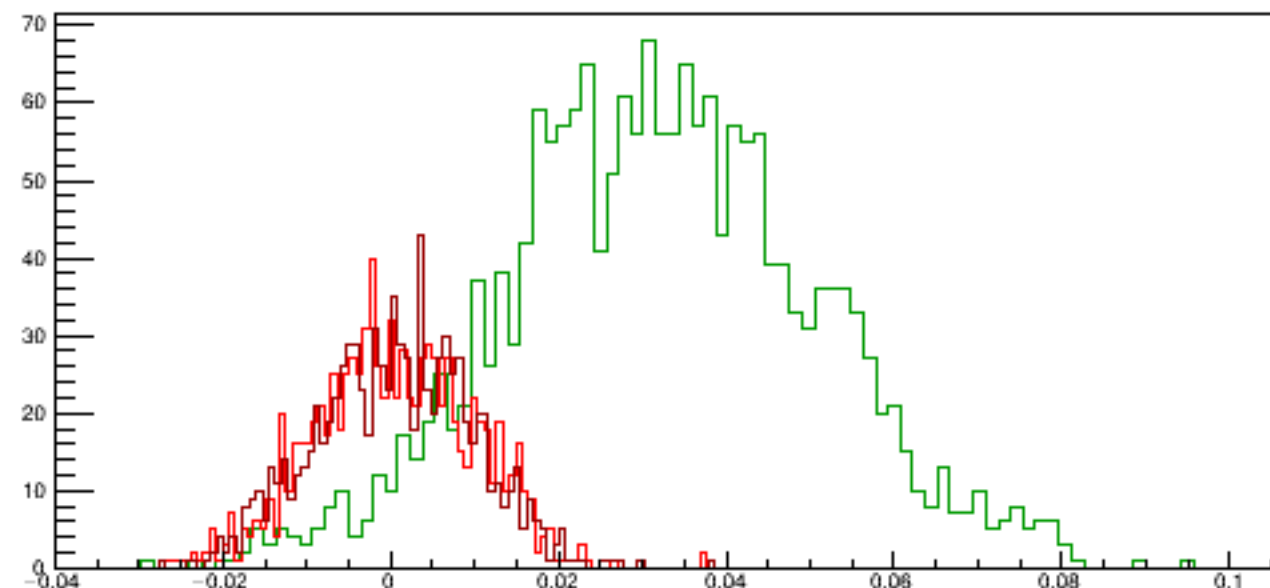
Run 5338 quartetwise, Sums



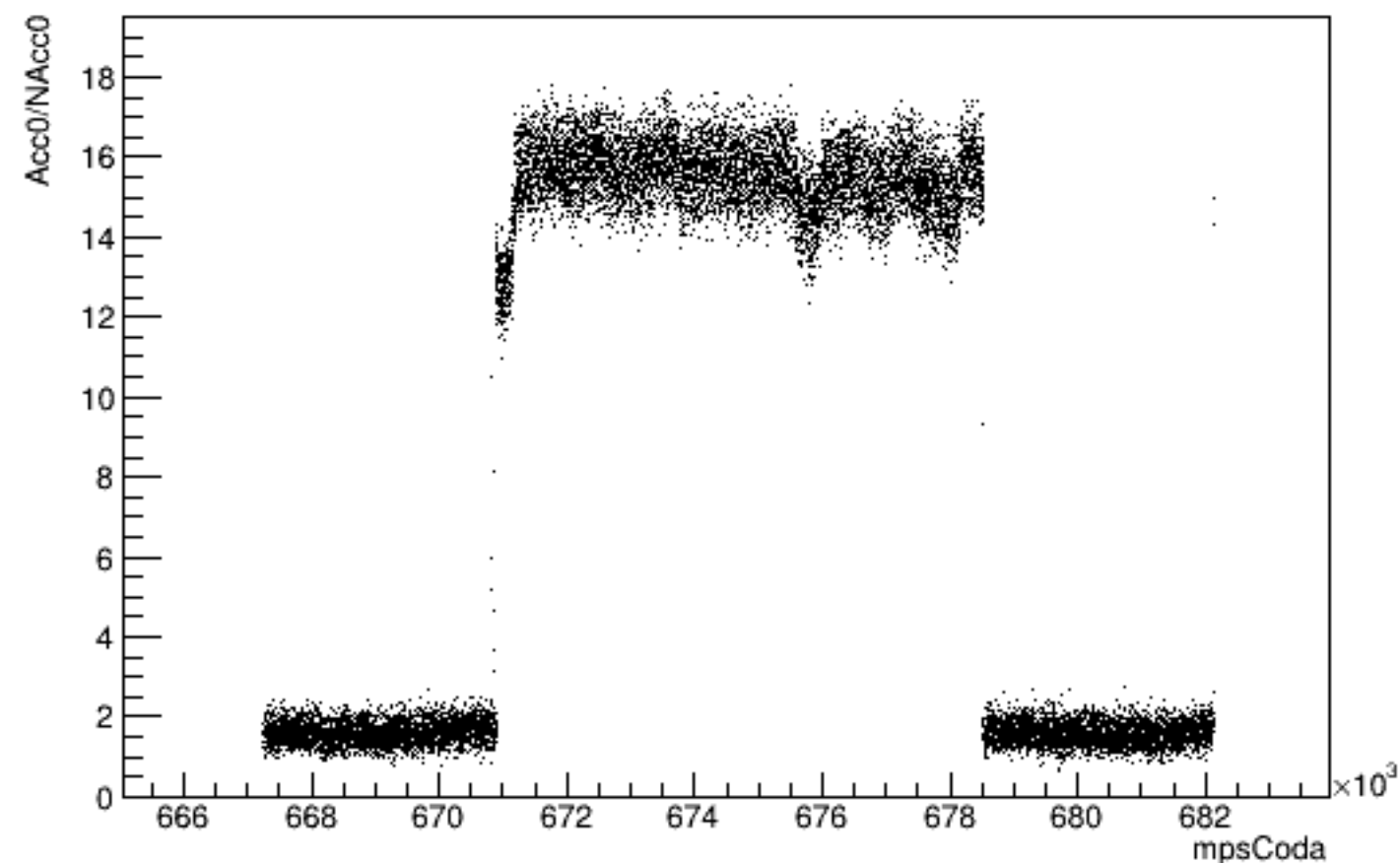
Cycle 23, Asyms

Entries: 904	Entries: 1908	Entries: 894
Mean: 0.0004 +/- 0.0003	Mean: 0.0322 +/- 0.0004	Mean: 0.0005 +/- 0.0003
Std Dev: 0.0095 +/- 0.0002	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0093 +/- 0.0002

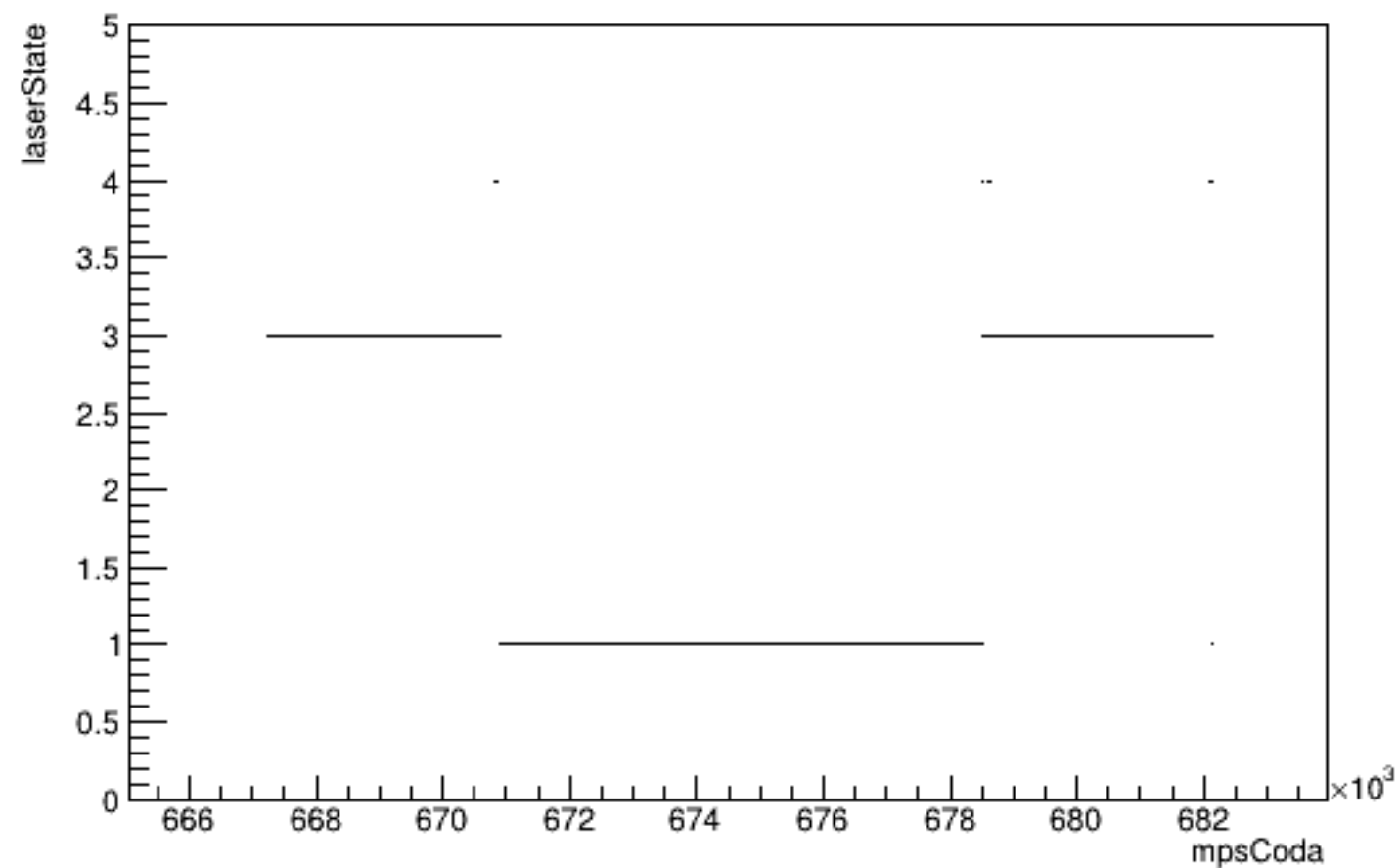
Run 5338 quartetwise, Asyms



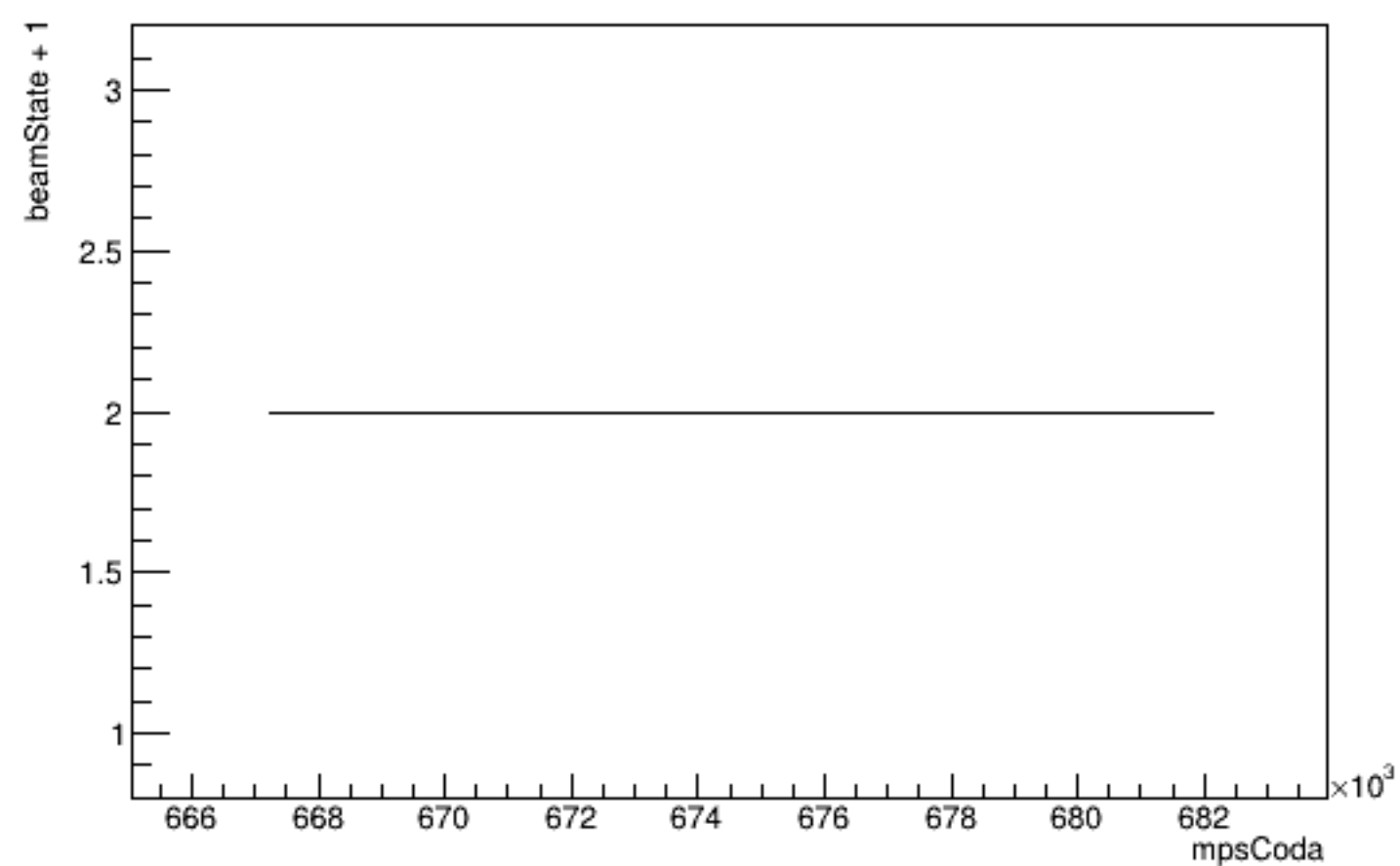
Acc0/NAcc0:mpsCoda (mpsCoda>=667251 && mpsCoda<=682122 && beamState==1)



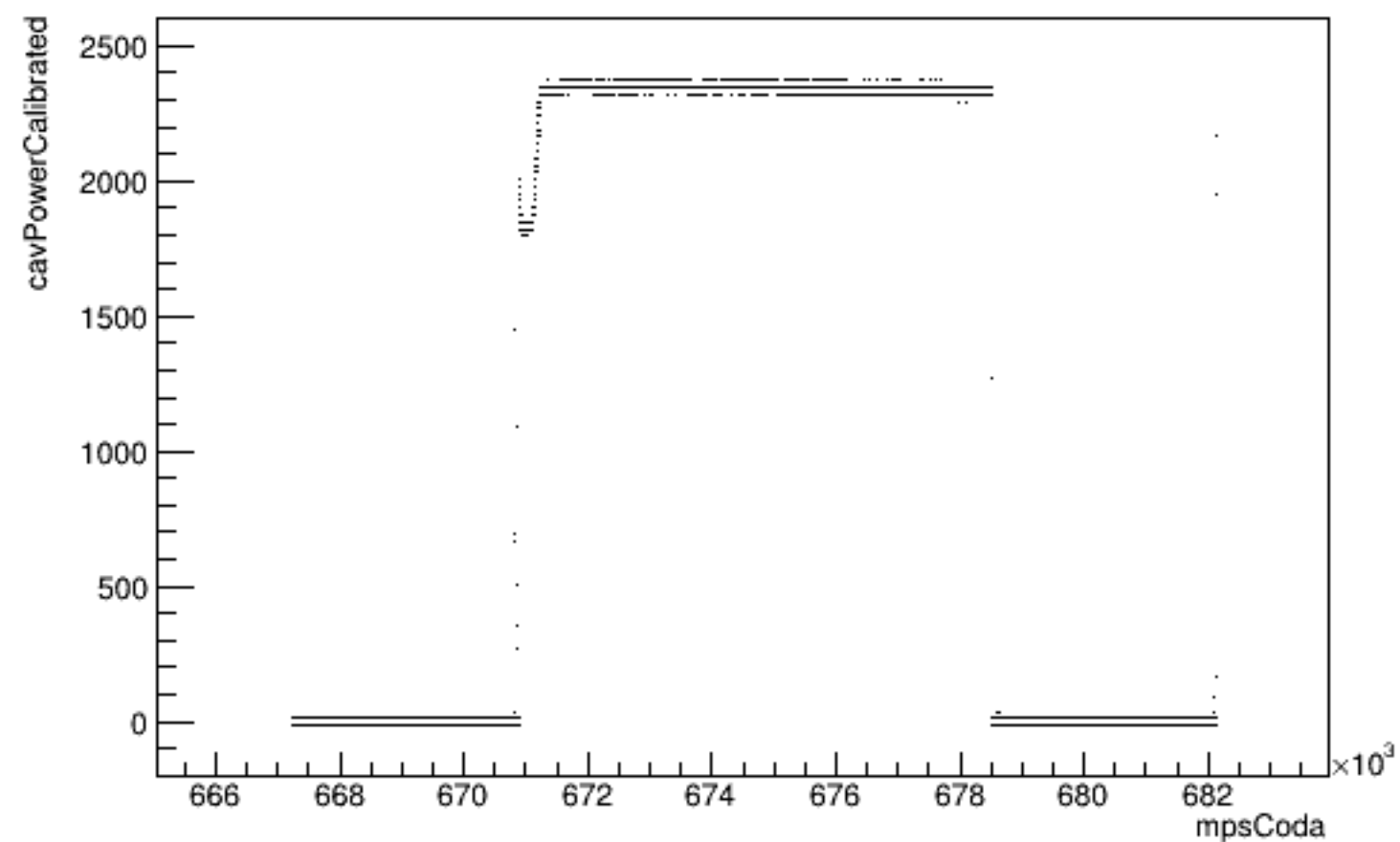
laserState:mpsCoda {mpsCoda>=667251 && mpsCoda<=682122}



beamState + 1:mpsCoda {mpsCoda>=667251 && mpsCoda<=682122}



cavPowerCalibrated:mpsCoda {mpsCoda>=667251 && mpsCoda<=682122}



bcm:mpsCoda {mpsCoda>=667251 && mpsCoda<=682122}

