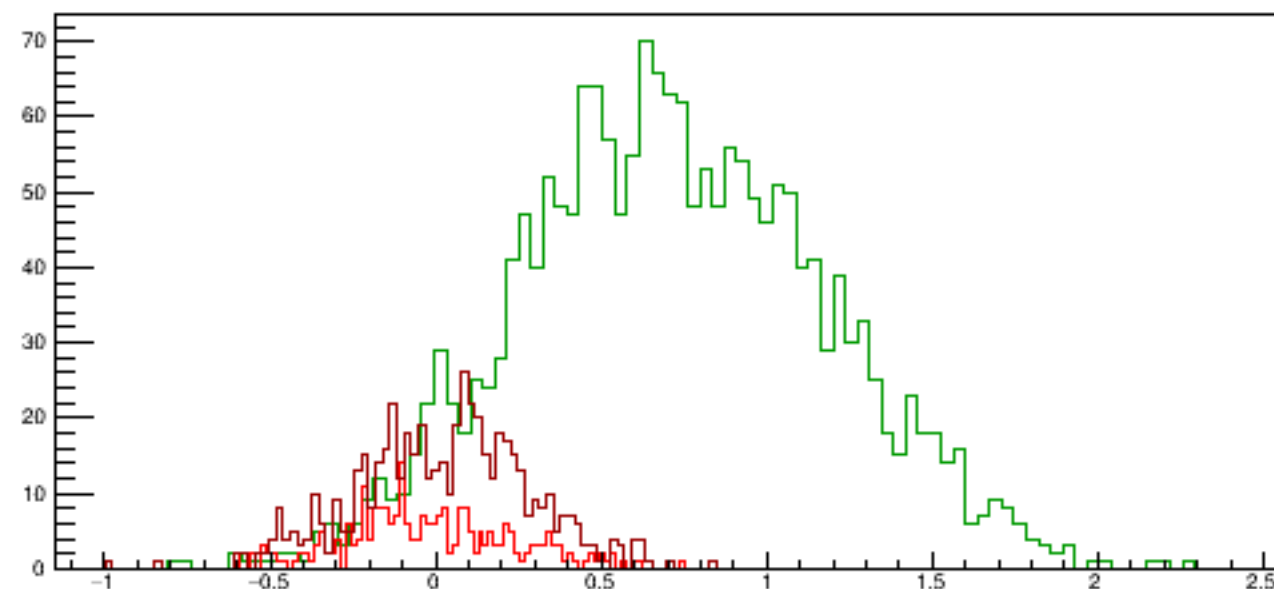


Cycle 1, Diffs

Entries: 262	Entries: 1945	Entries: 537
Mean: -0.0178 +/- 0.0159	Mean: 0.7164 +/- 0.0104	Mean: 0.0214 +/- 0.0113
Std Dev: 0.2568 +/- 0.0112	Std Dev: 0.4608 +/- 0.0074	Std Dev: 0.2623 +/- 0.0080

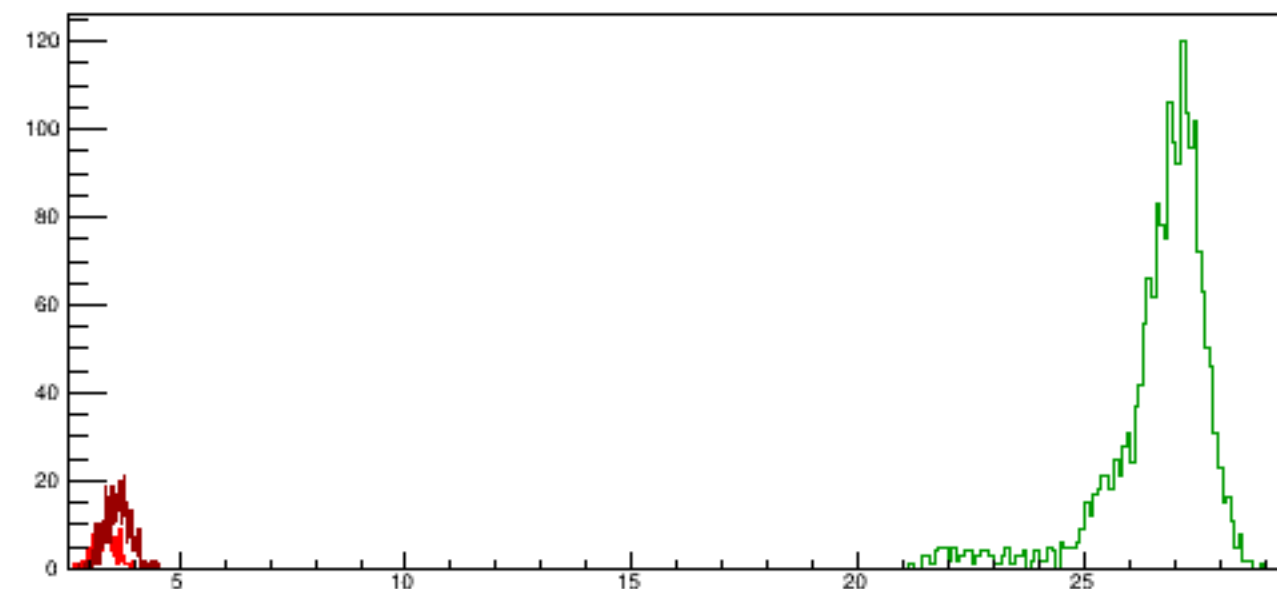
Run 5600 quartetwise, Diffs



Cycle 1, Sums

Entries: 262	Entries: 1945	Entries: 537
Mean: 3.3621 +/- 0.0163	Mean: 26.6494 +/- 0.0264	Mean: 3.6512 +/- 0.0123
Std Dev: 0.2642 +/- 0.0115	Std Dev: 1.1638 +/- 0.0187	Std Dev: 0.2840 +/- 0.0087

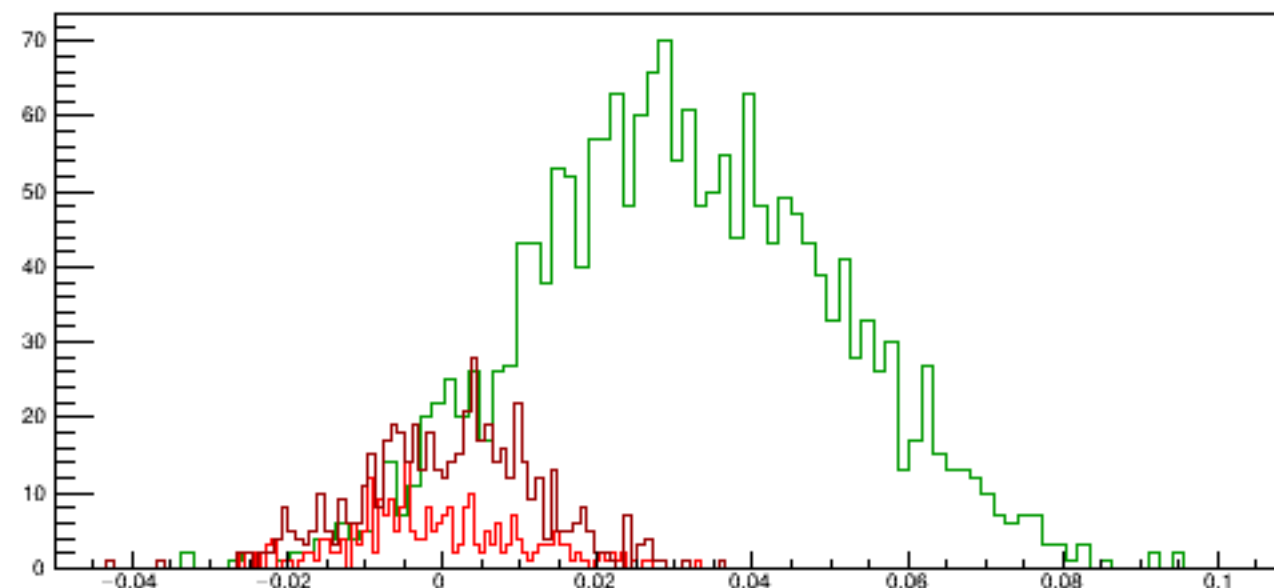
Run 5600 quartetwise, Sums



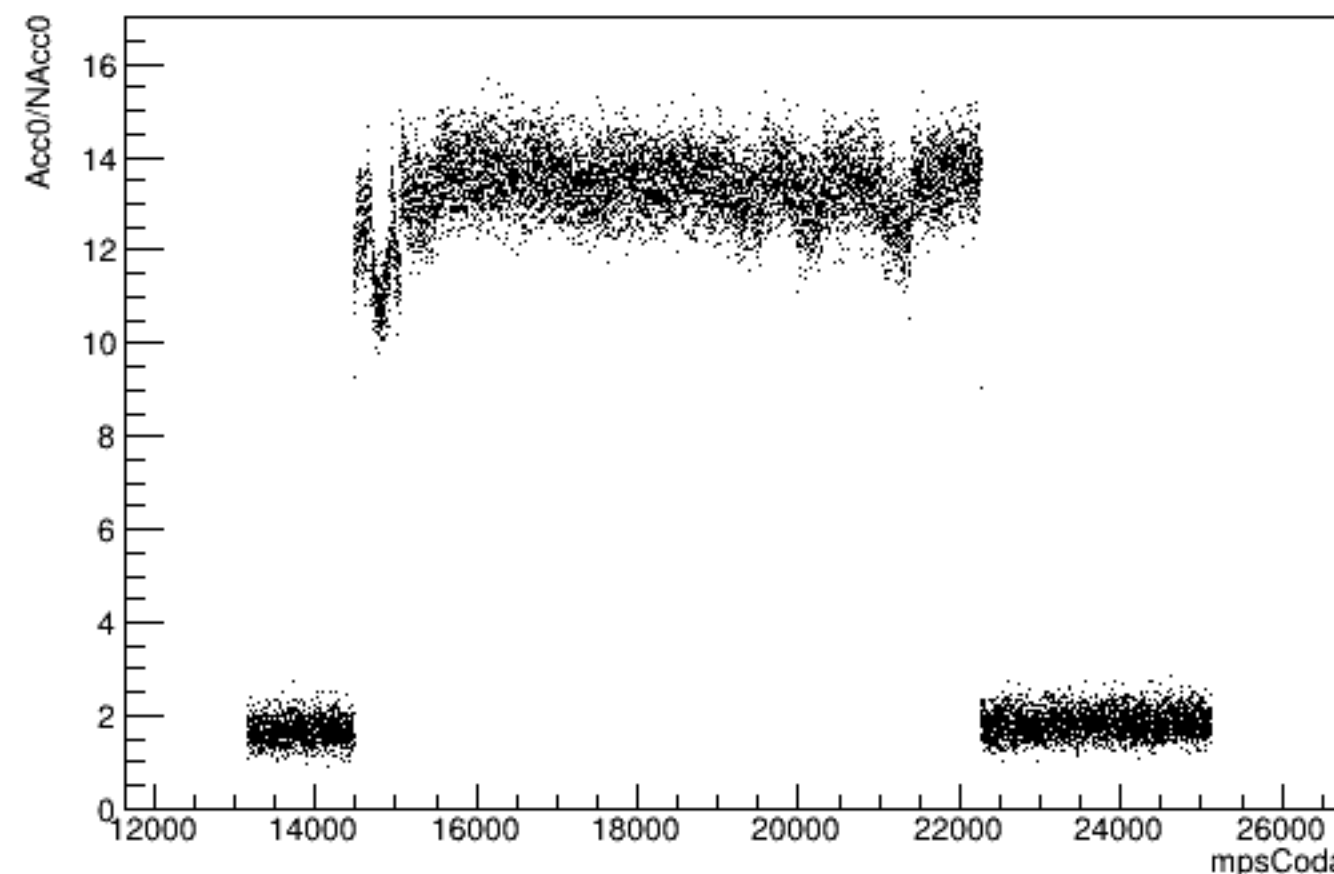
Cycle 1, Asyms

Entries: 262	Entries: 1945	Entries: 537
Mean: -0.0008 +/- 0.0007	Mean: 0.0310 +/- 0.0005	Mean: 0.0009 +/- 0.0005
Std Dev: 0.0111 +/- 0.0005	Std Dev: 0.0199 +/- 0.0003	Std Dev: 0.0113 +/- 0.0003

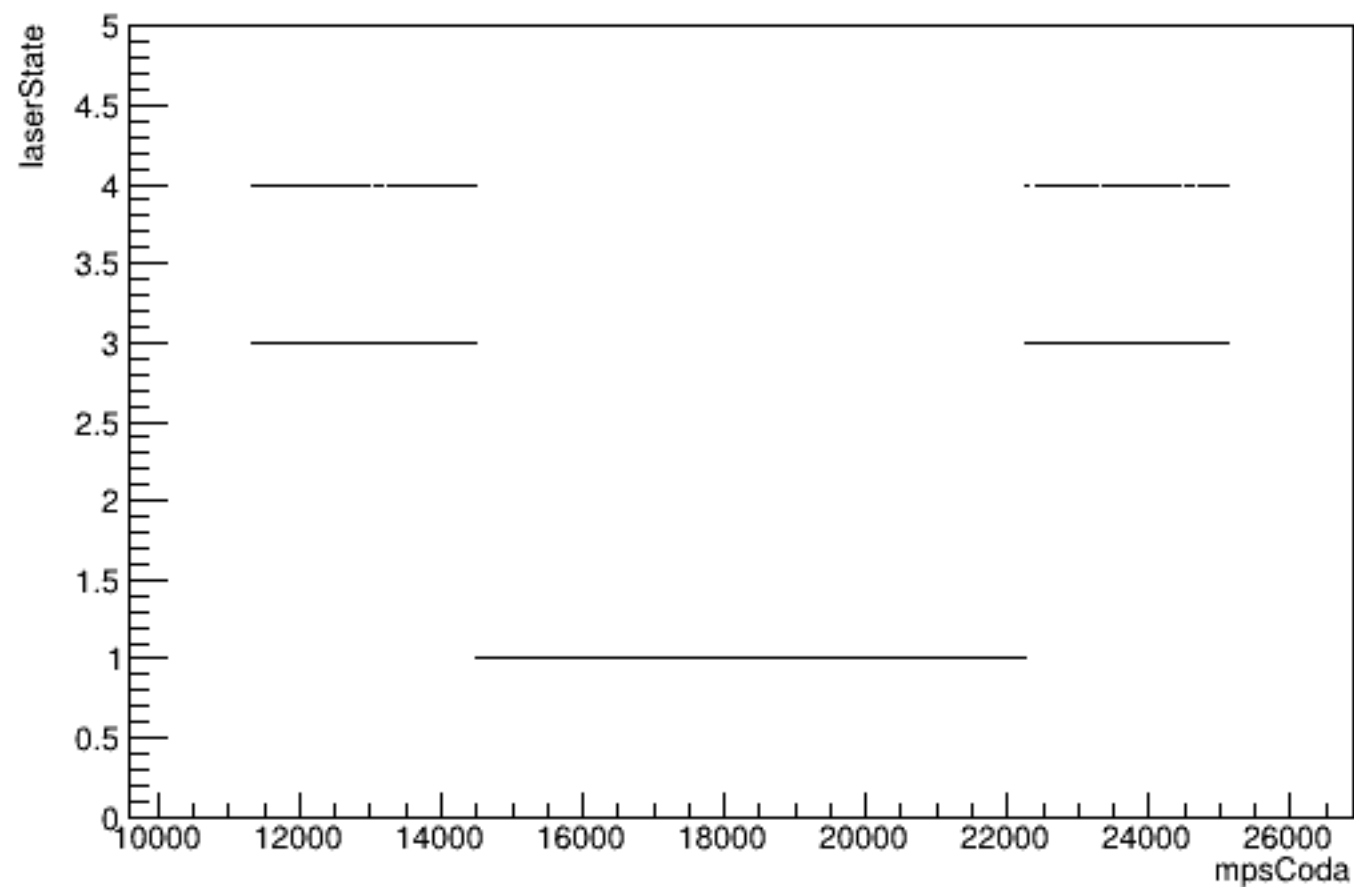
Run 5600 quartetwise, Asyms



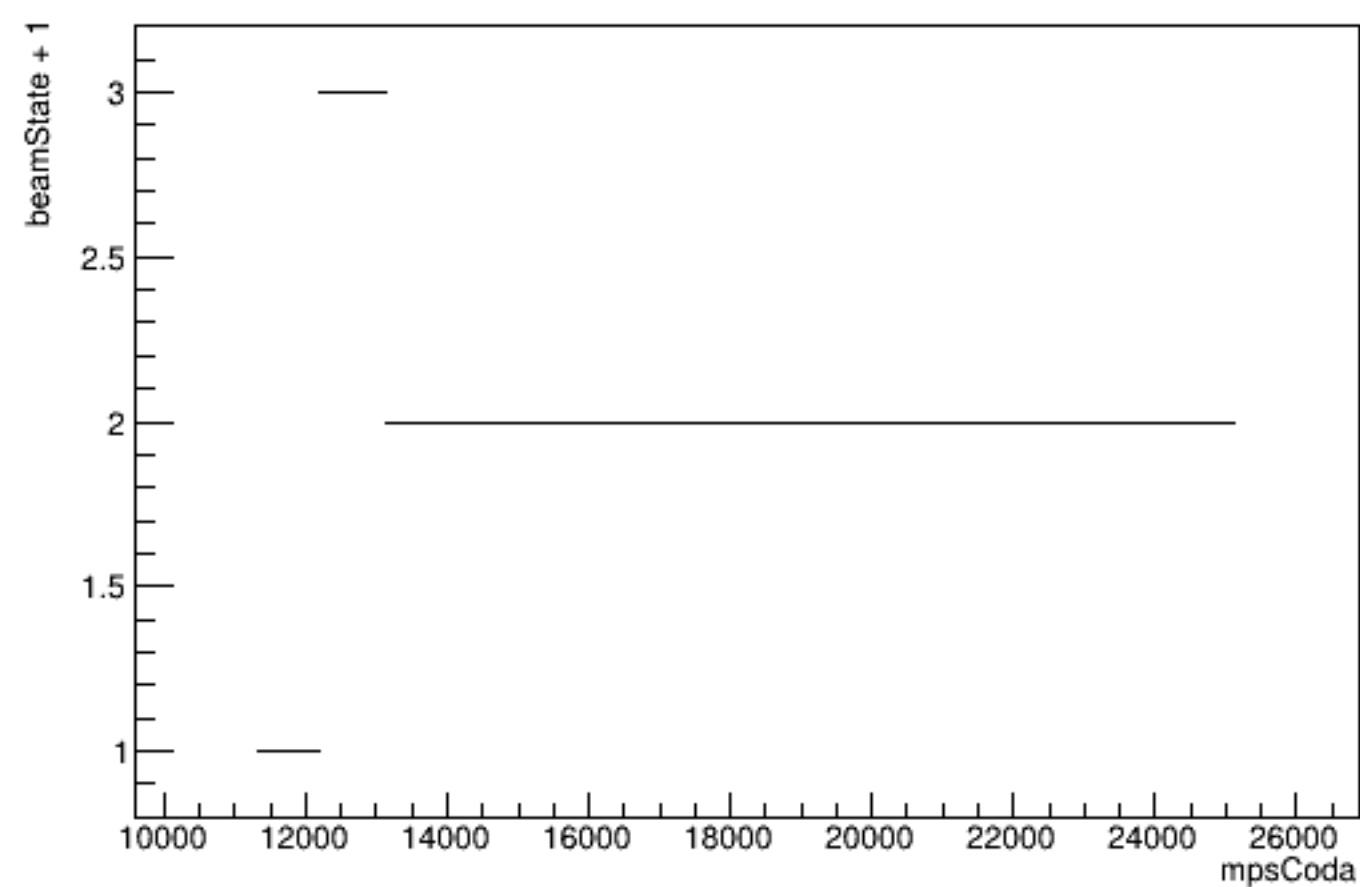
Acc0/NAcc0:mpsCoda {mpsCoda>=11328 && mpsCoda<=25115 && beamState==1}



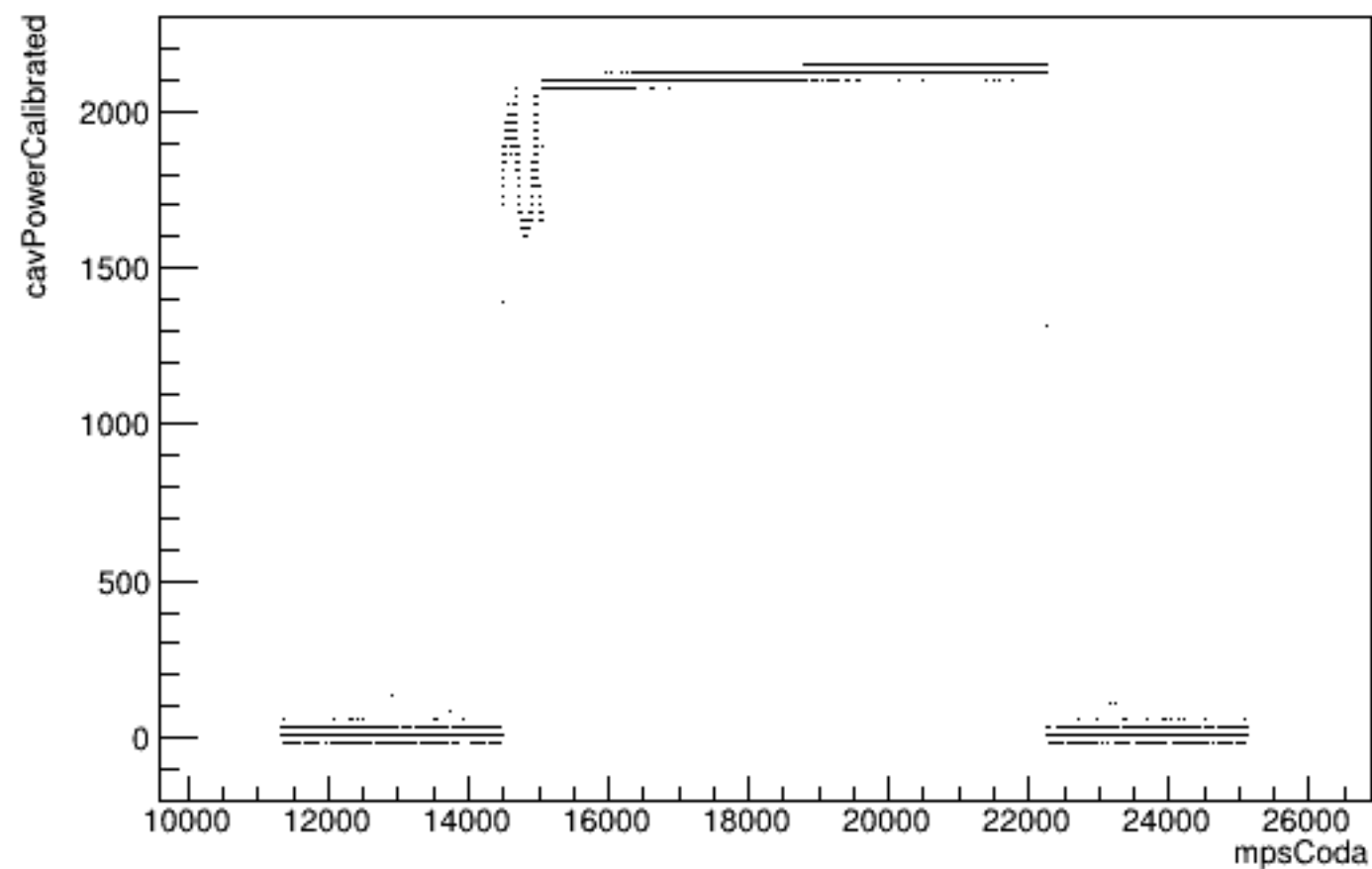
laserState:mpsCoda {mpsCoda>=11328 && mpsCoda<=25115}



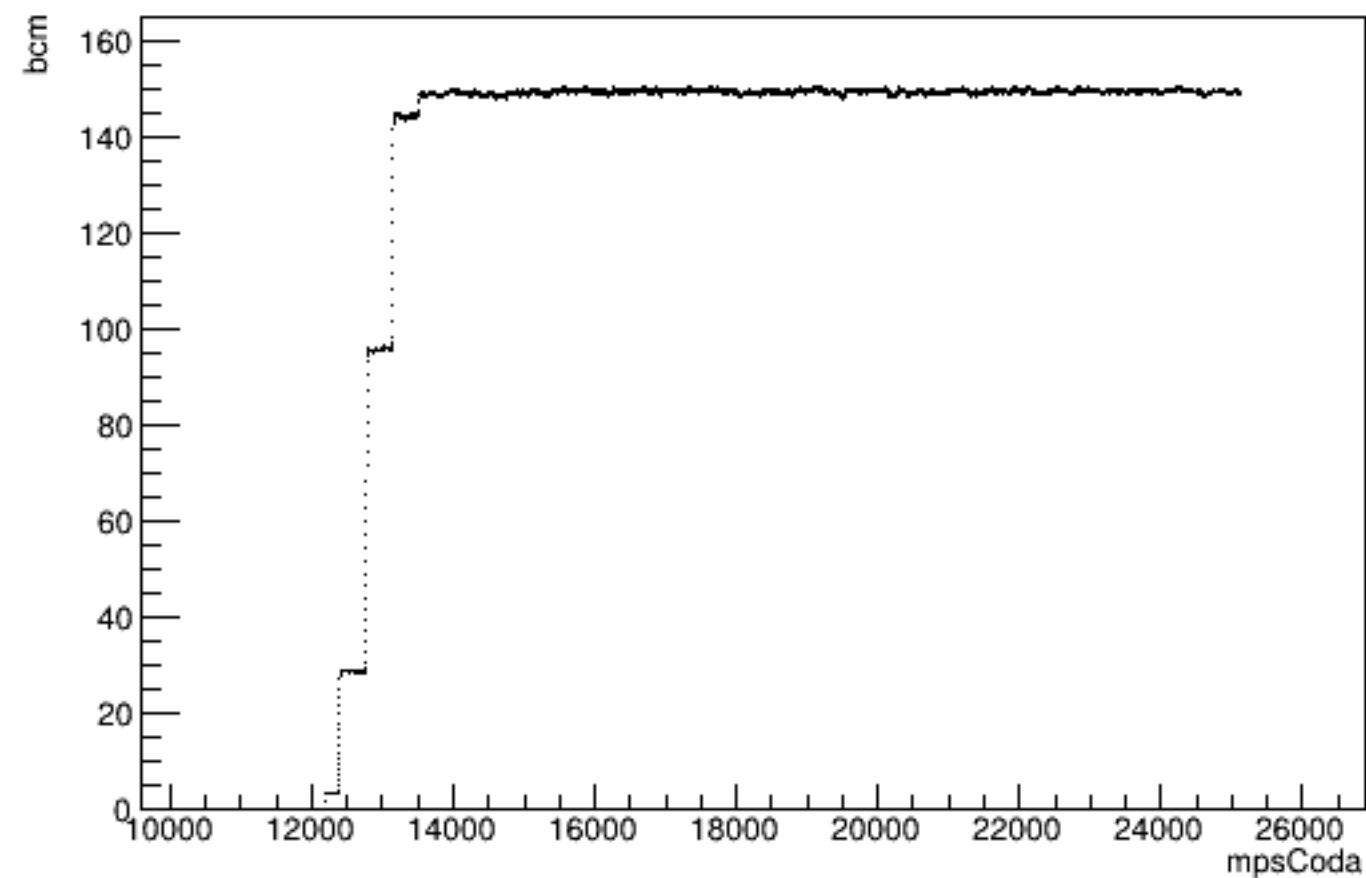
beamState + 1:mpsCoda {mpsCoda>=11328 && mpsCoda<=25115}



cavPowerCalibrated:mpsCoda {mpsCoda>=11328 && mpsCoda<=25115}



bcm:mpsCoda {mpsCoda>=11328 && mpsCoda<=25115}



Cycle 2, Diffs

Entries: 537

Mean: 0.0214 +/- 0.0113

Std Dev: 0.2623 +/- 0.0080

Entries: 1941

Mean: 0.7094 +/- 0.0103

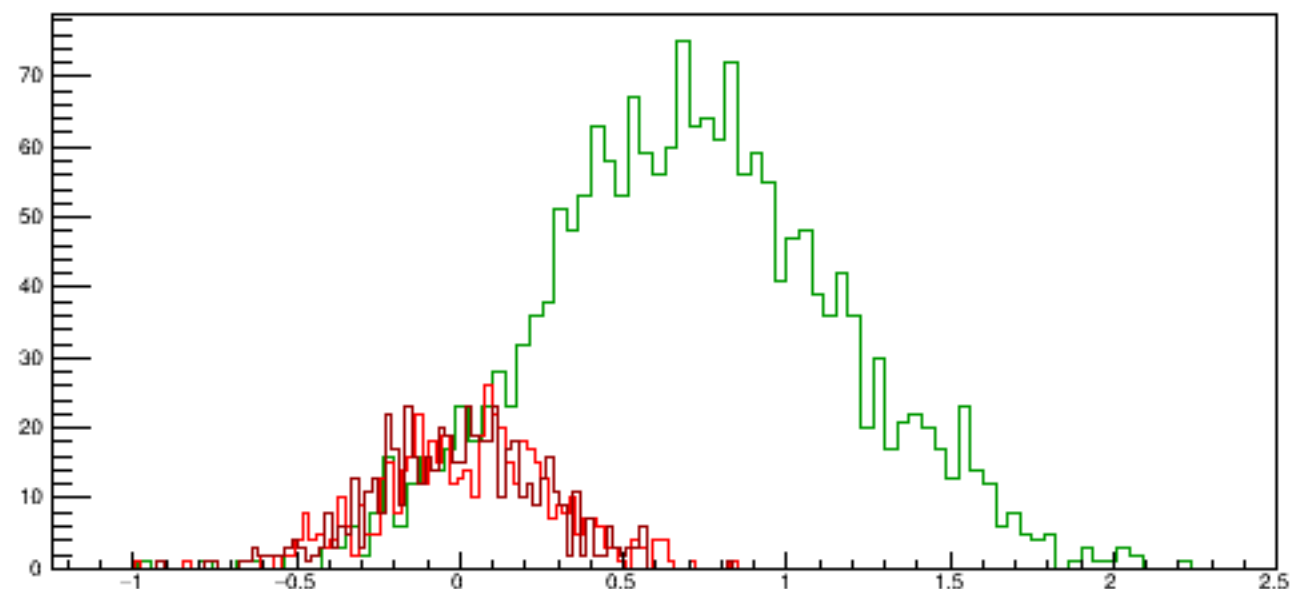
Std Dev: 0.4554 +/- 0.0073

Entries: 576

Mean: -0.0090 +/- 0.0107

Std Dev: 0.2566 +/- 0.0076

Run 5600 quartetwise, Diffs



Cycle 2, Sums

Entries: 537

Mean: 3.6512 +/- 0.0123

Std Dev: 0.2840 +/- 0.0087

Entries: 1941

Mean: 26.5141 +/- 0.0303

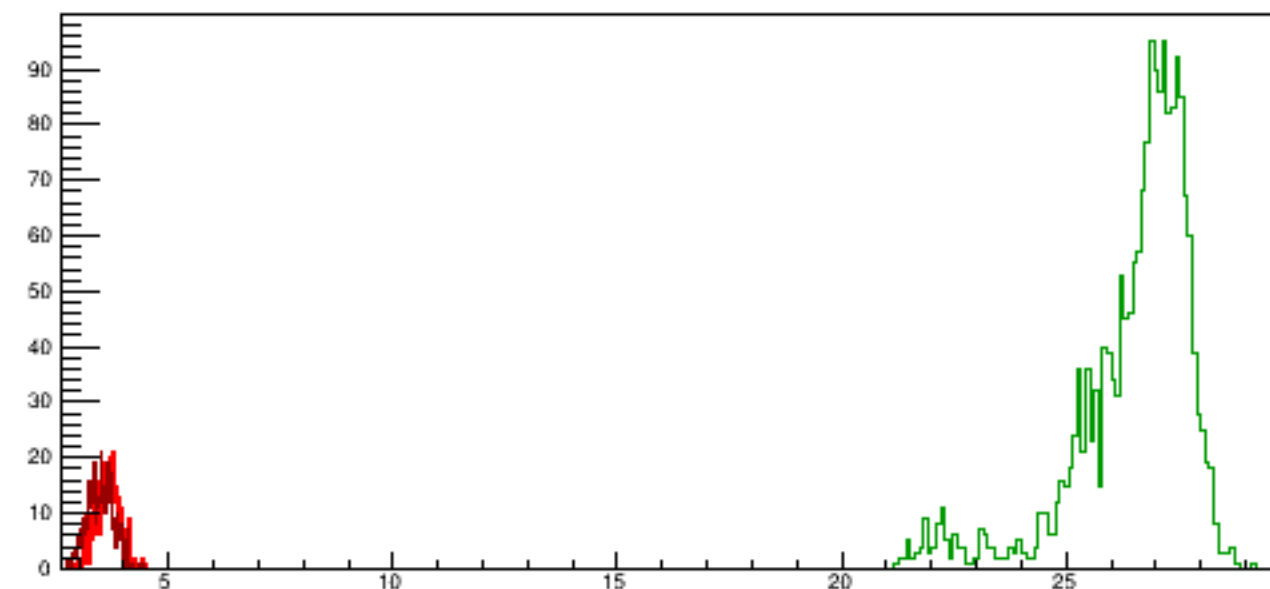
Std Dev: 1.3361 +/- 0.0214

Entries: 576

Mean: 3.4888 +/- 0.0123

Std Dev: 0.2960 +/- 0.0087

Run 5600 quartetwise, Sums



Cycle 2, Asyms

Entries: 537

Mean: 0.0009 +/- 0.0005

Std Dev: 0.0114 +/- 0.0003

Entries: 1941

Mean: 0.0309 +/- 0.0005

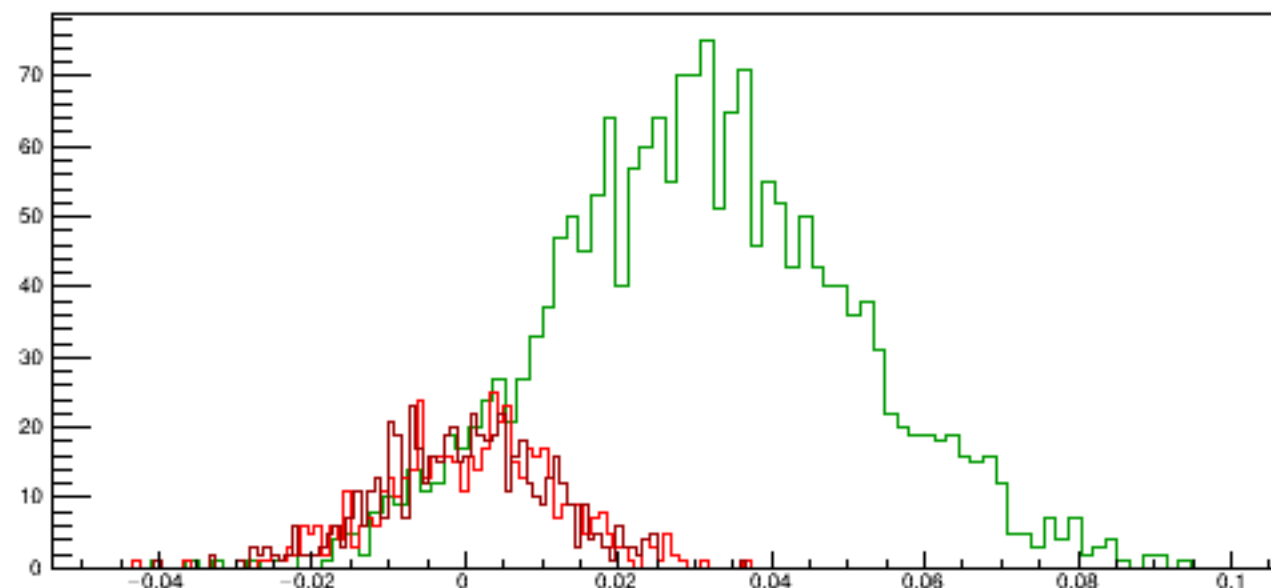
Std Dev: 0.0199 +/- 0.0003

Entries: 576

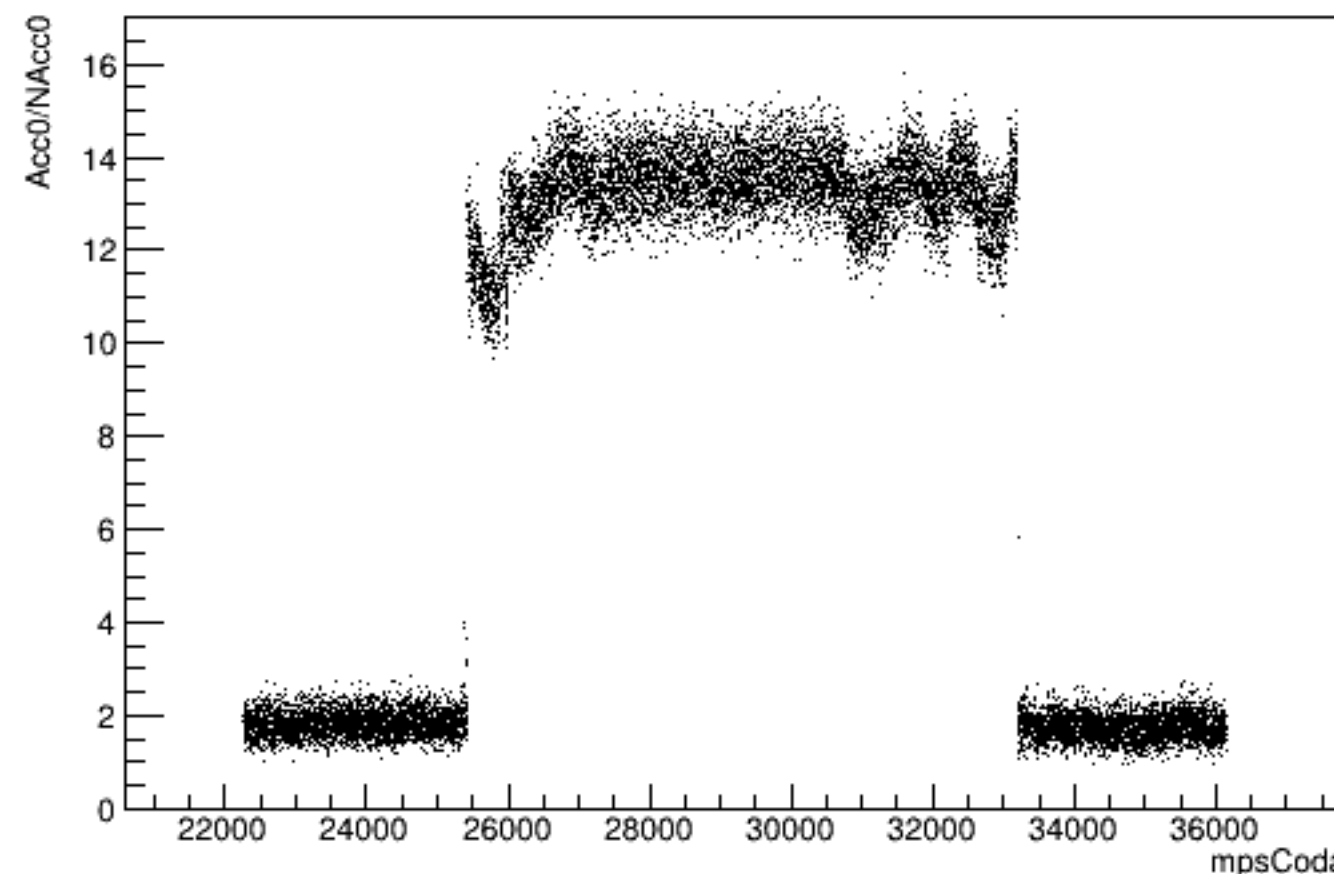
Mean: -0.0004 +/- 0.0005

Std Dev: 0.0112 +/- 0.0003

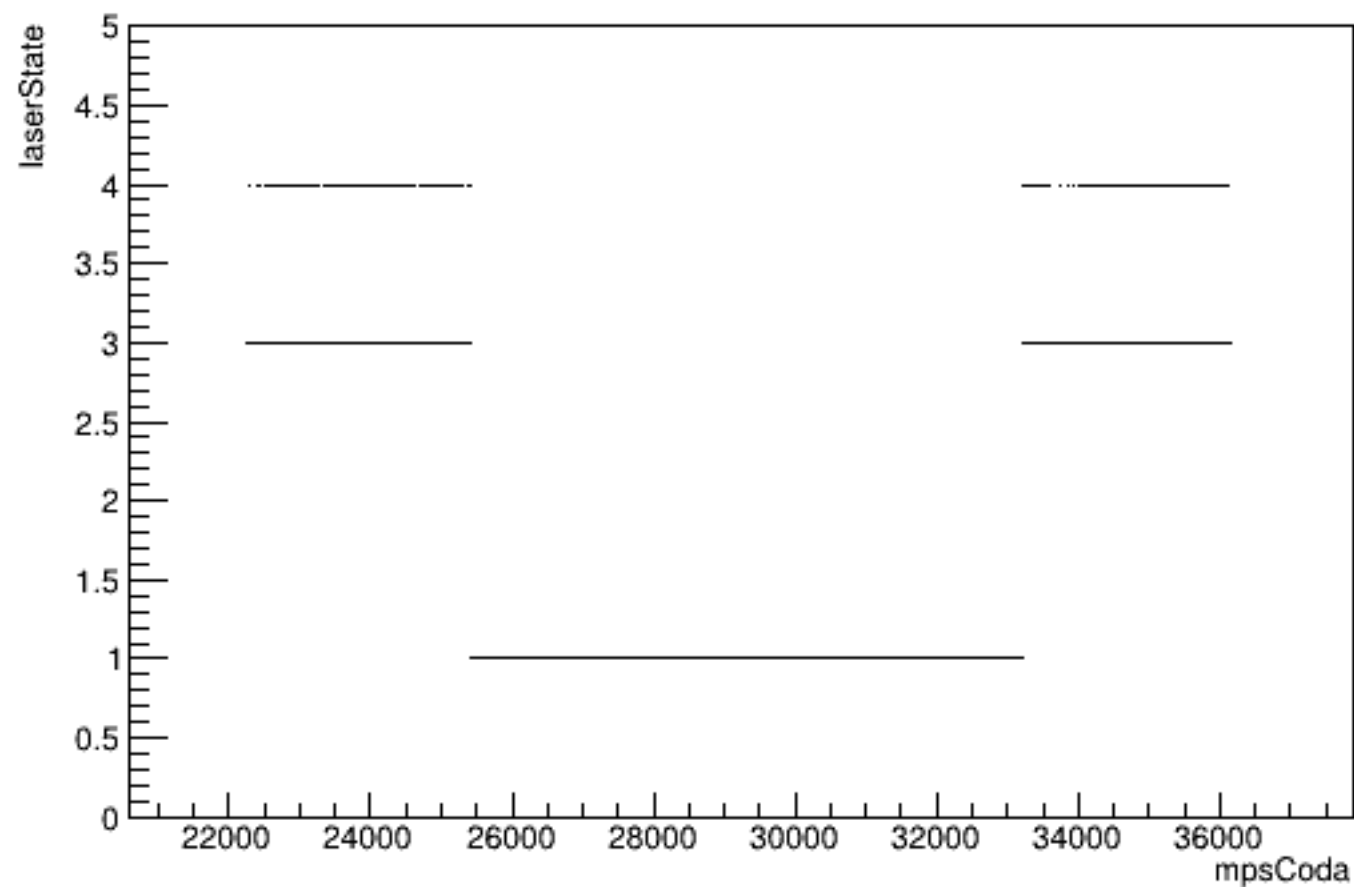
Run 5600 quartetwise, Asyms



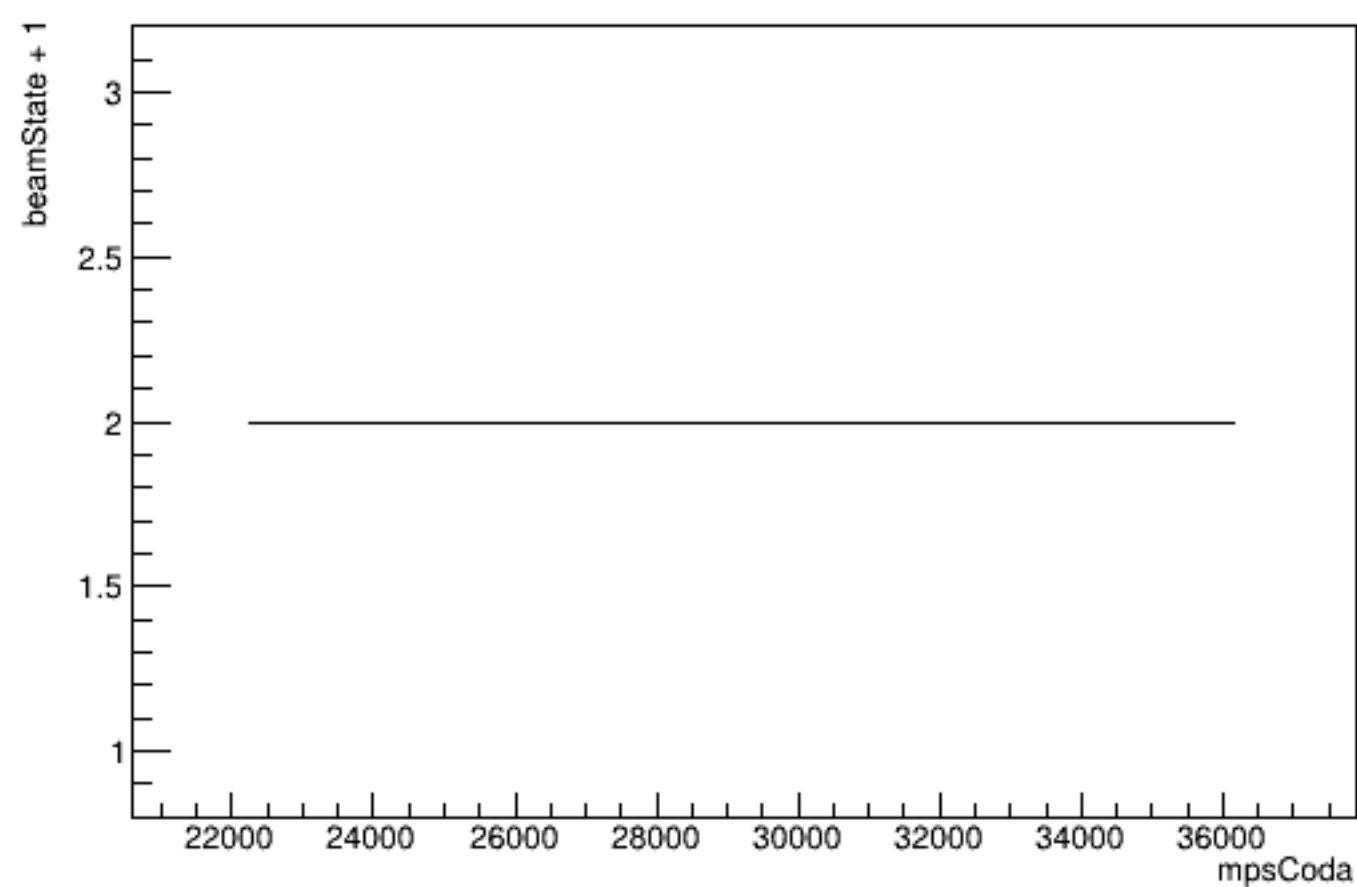
Acc0/NAcc0:mpsCoda {mpsCoda>=22268 && mpsCoda<=36143 && beamState==1}



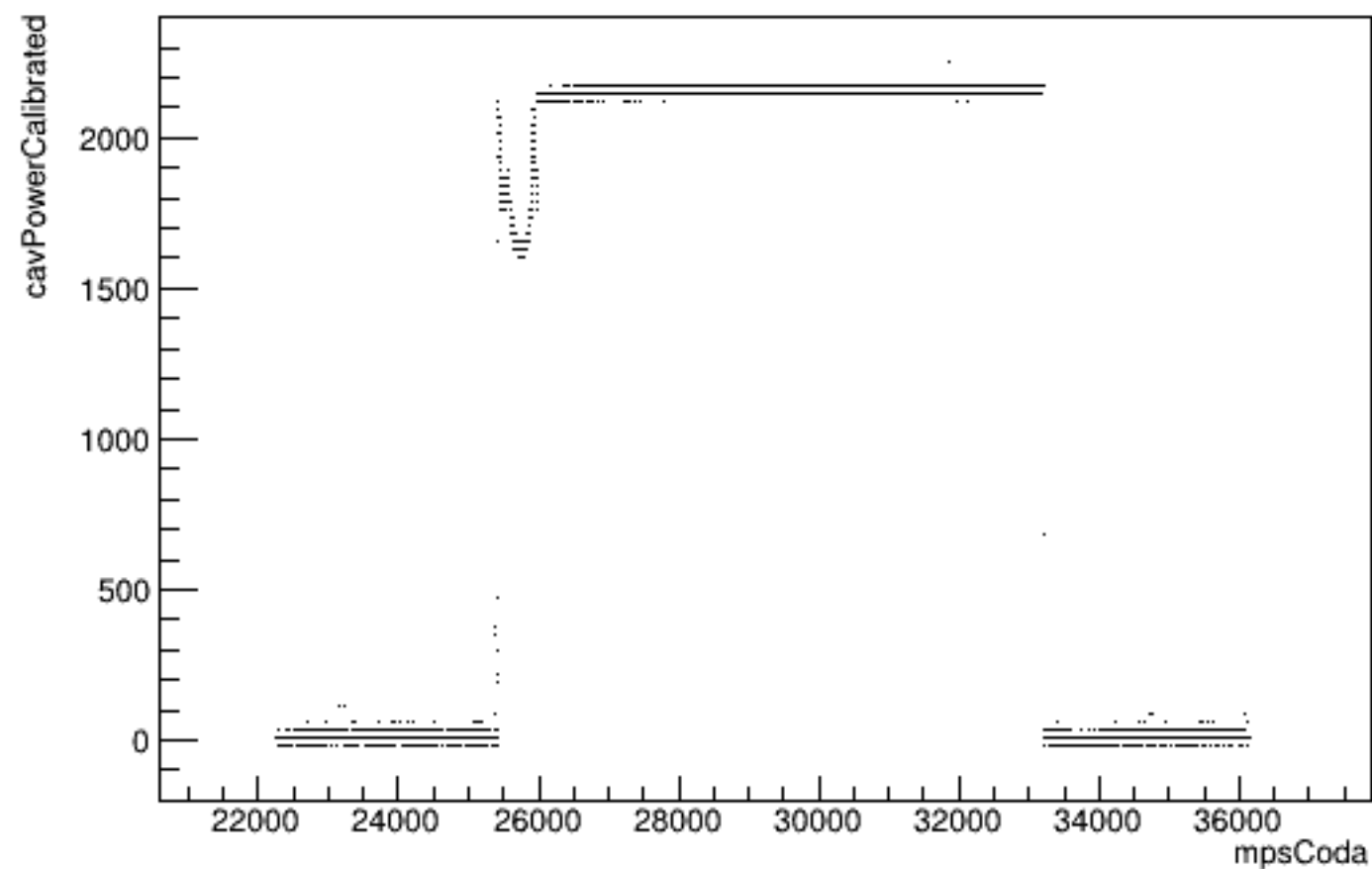
laserState:mpsCoda {mpsCoda>=22268 && mpsCoda<=36143}



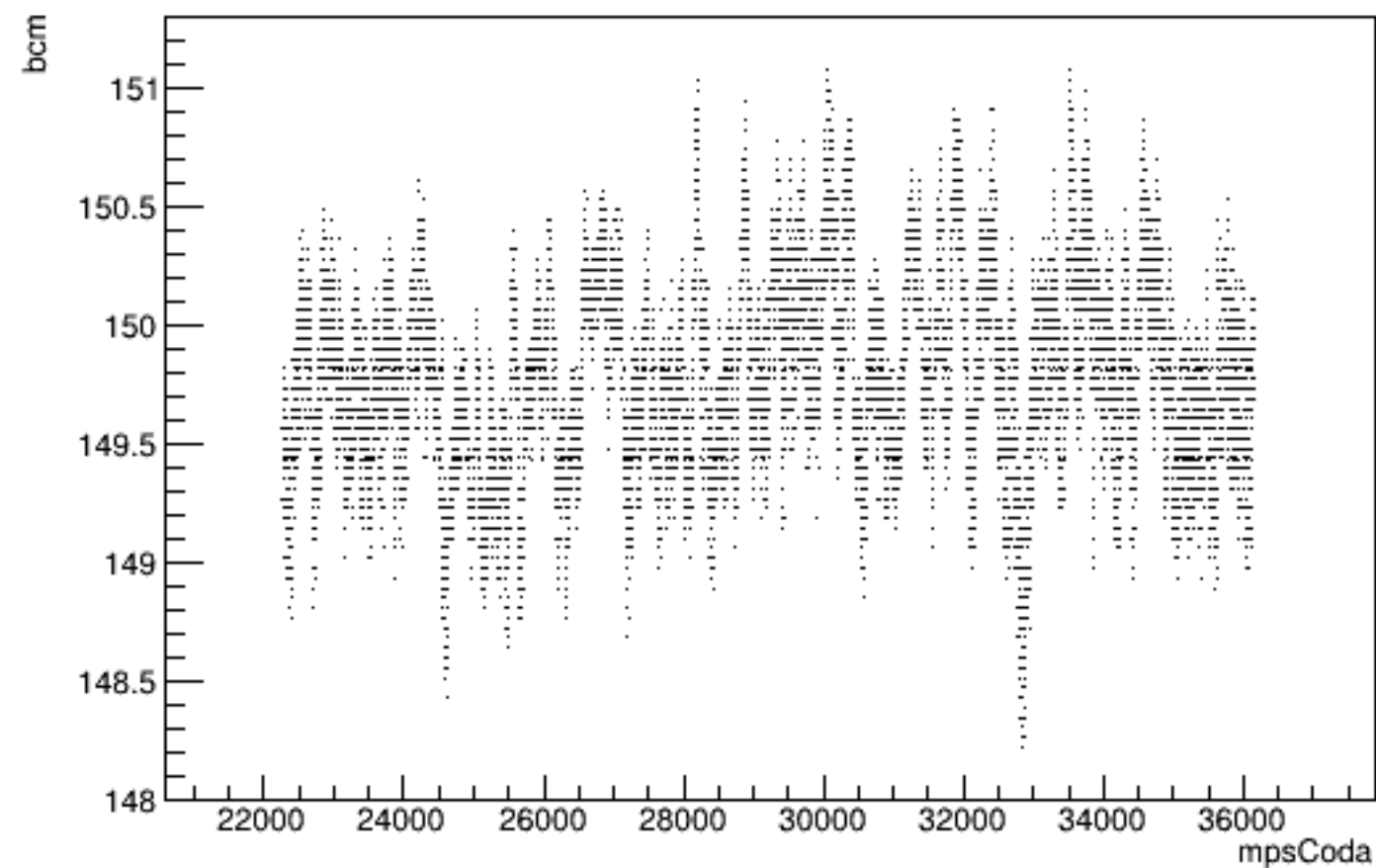
beamState + 1:mpsCoda {mpsCoda>=22268 && mpsCoda<=36143}



cavPowerCalibrated:mpsCoda {mpsCoda>=22268 && mpsCoda<=36143}



bcm:mpsCoda {mpsCoda>=22268 && mpsCoda<=36143}



Cycle 3, Diffs

Entries: 593

Mean: 0.0190 +/- 0.0108

Std Dev: 0.2632 +/- 0.0076

Entries: 861

Mean: 0.7361 +/- 0.0148

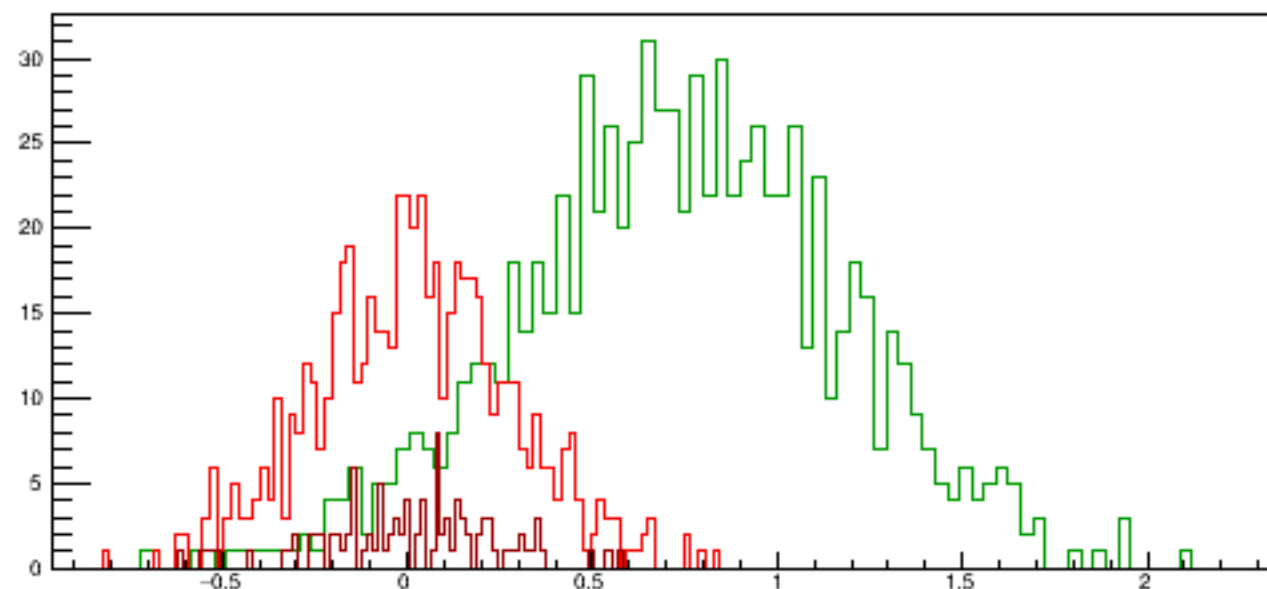
Std Dev: 0.4357 +/- 0.0105

Entries: 104

Mean: 0.0147 +/- 0.0234

Std Dev: 0.2391 +/- 0.0166

Run 5600 quartetwise, Diffs



Cycle 3, Sums

Entries: 593

Mean: 3.4472 +/- 0.0124

Std Dev: 0.3013 +/- 0.0087

Entries: 861

Mean: 26.3612 +/- 0.0576

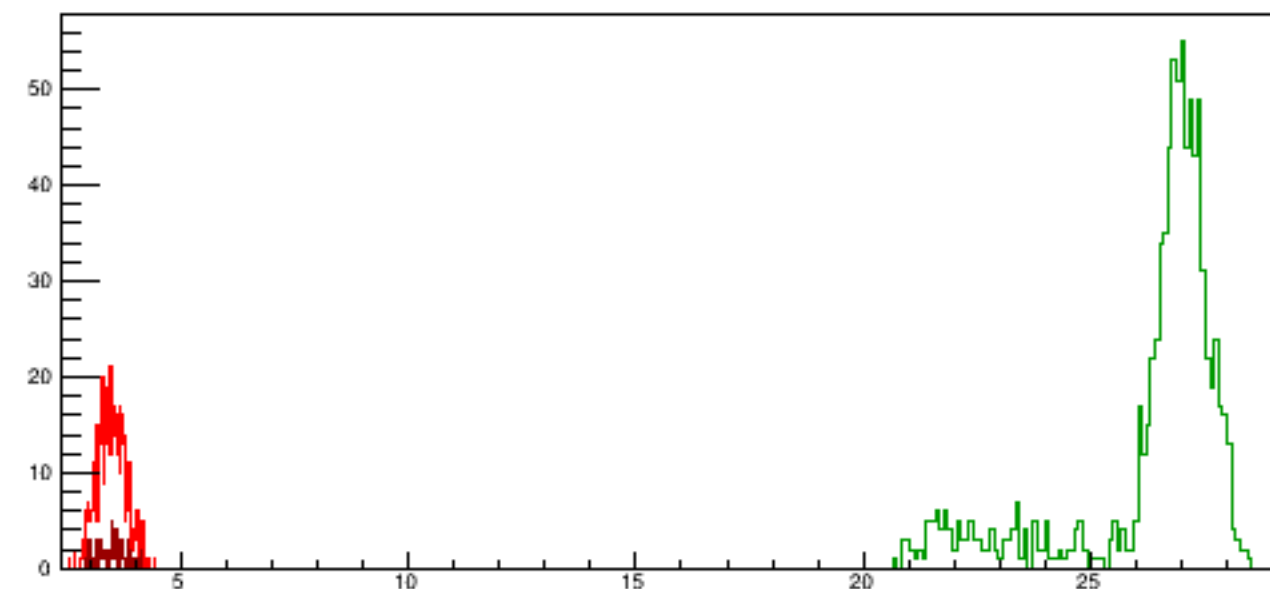
Std Dev: 1.6889 +/- 0.0407

Entries: 104

Mean: 3.4950 +/- 0.0274

Std Dev: 0.2797 +/- 0.0194

Run 5600 quartetwise, Sums



Cycle 3, Asyms

Entries: 593

Mean: 0.0008 +/- 0.0005

Std Dev: 0.0115 +/- 0.0003

Entries: 861

Mean: 0.0321 +/- 0.0006

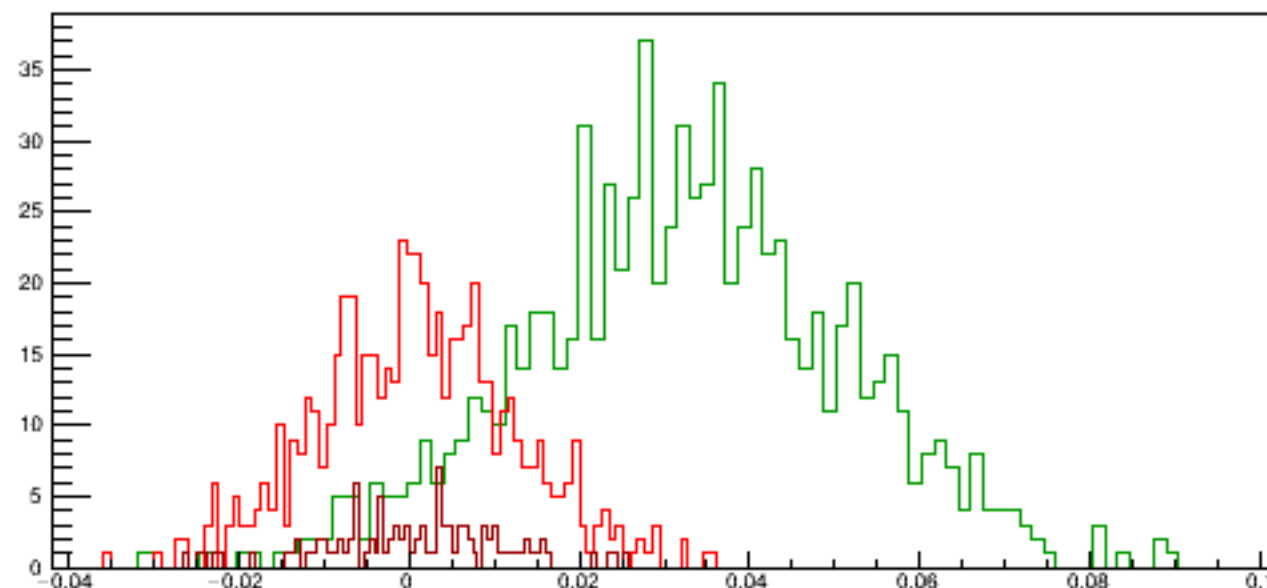
Std Dev: 0.0191 +/- 0.0005

Entries: 104

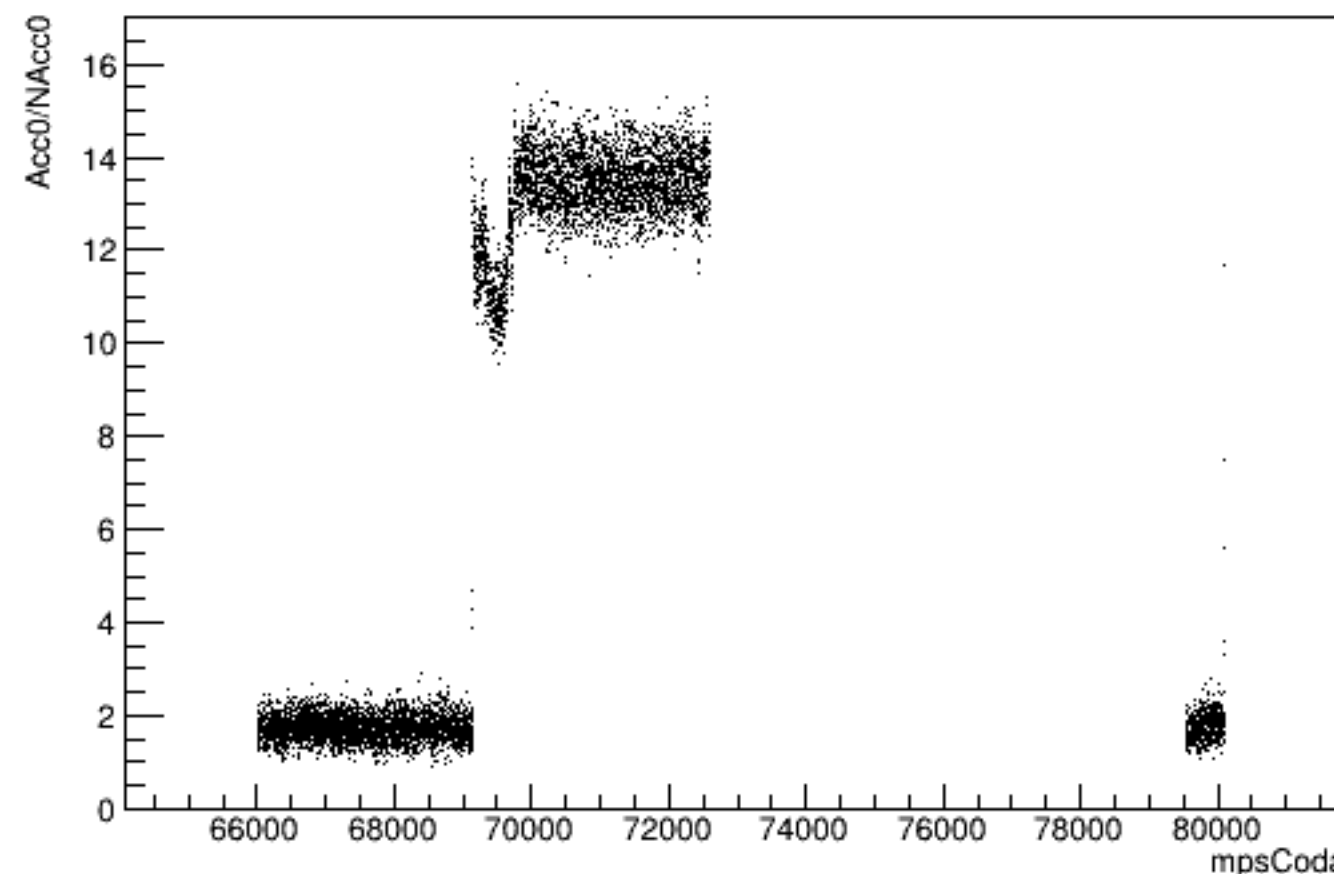
Mean: 0.0006 +/- 0.0010

Std Dev: 0.0104 +/- 0.0007

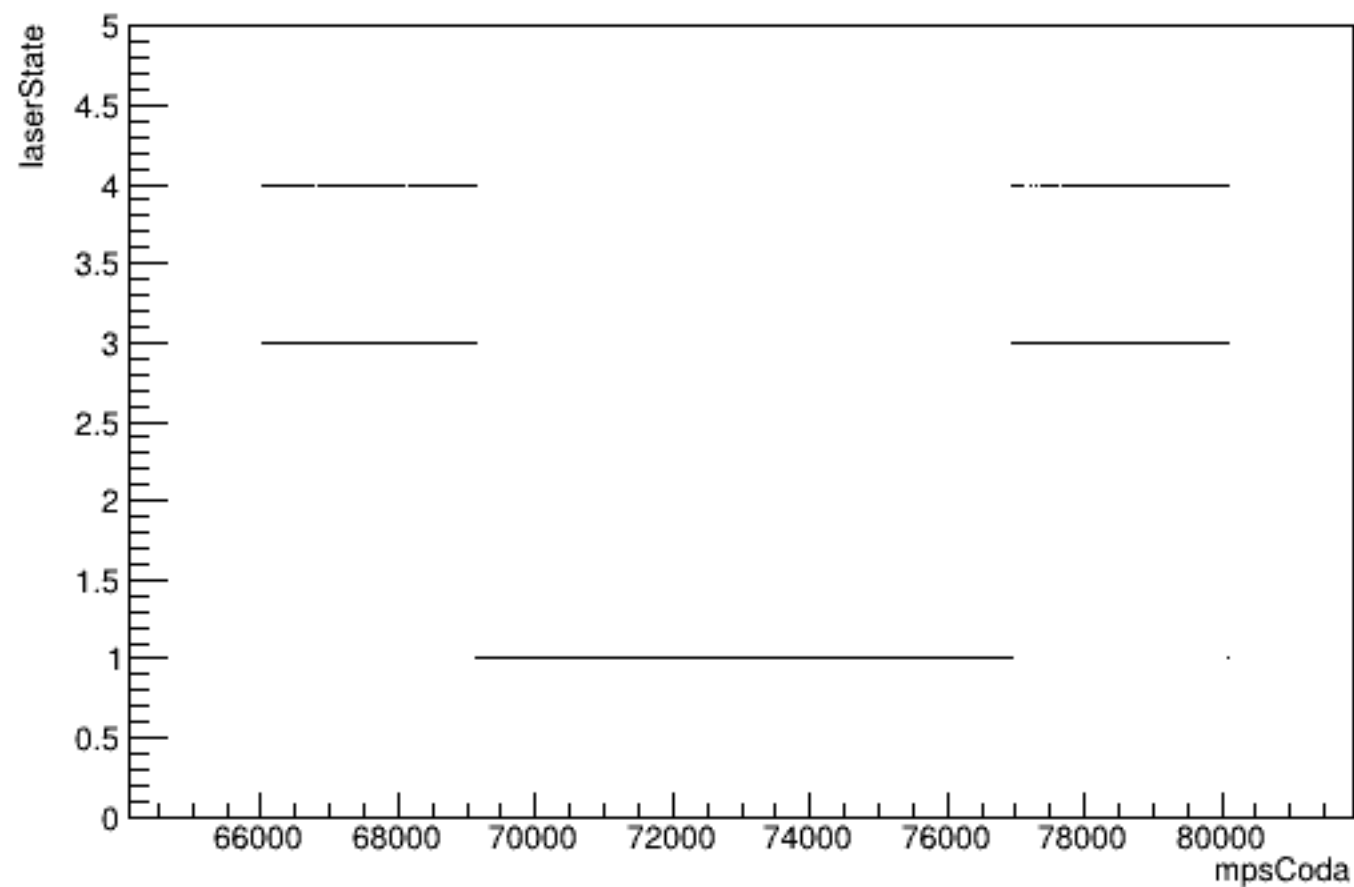
Run 5600 quartetwise, Asyms



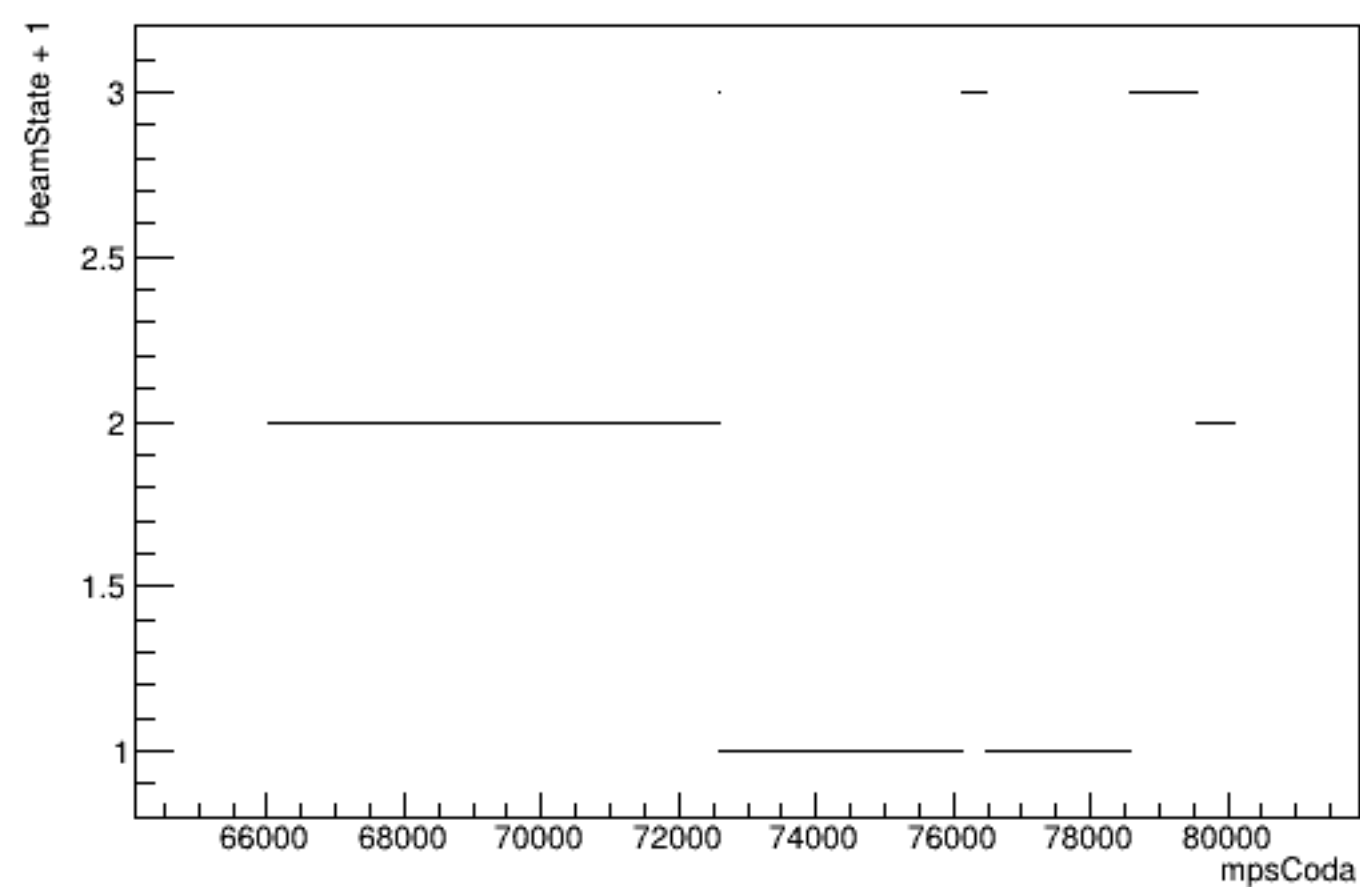
Acc0/NAcc0:mpsCoda {mpsCoda>=66008 && mpsCoda<=80099 && beamState==1}



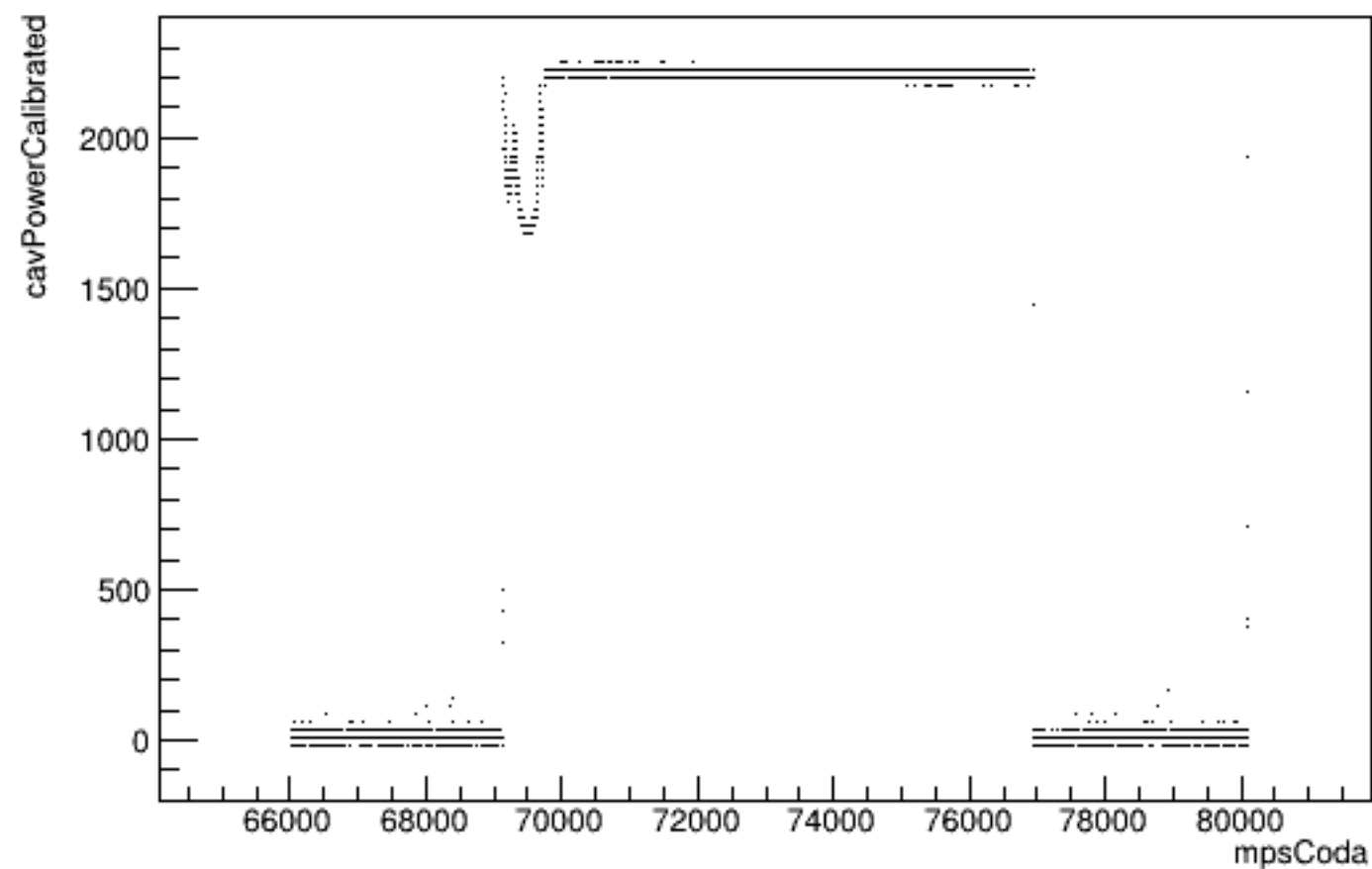
laserState:mpsCoda {mpsCoda>=66008 && mpsCoda<=80099}



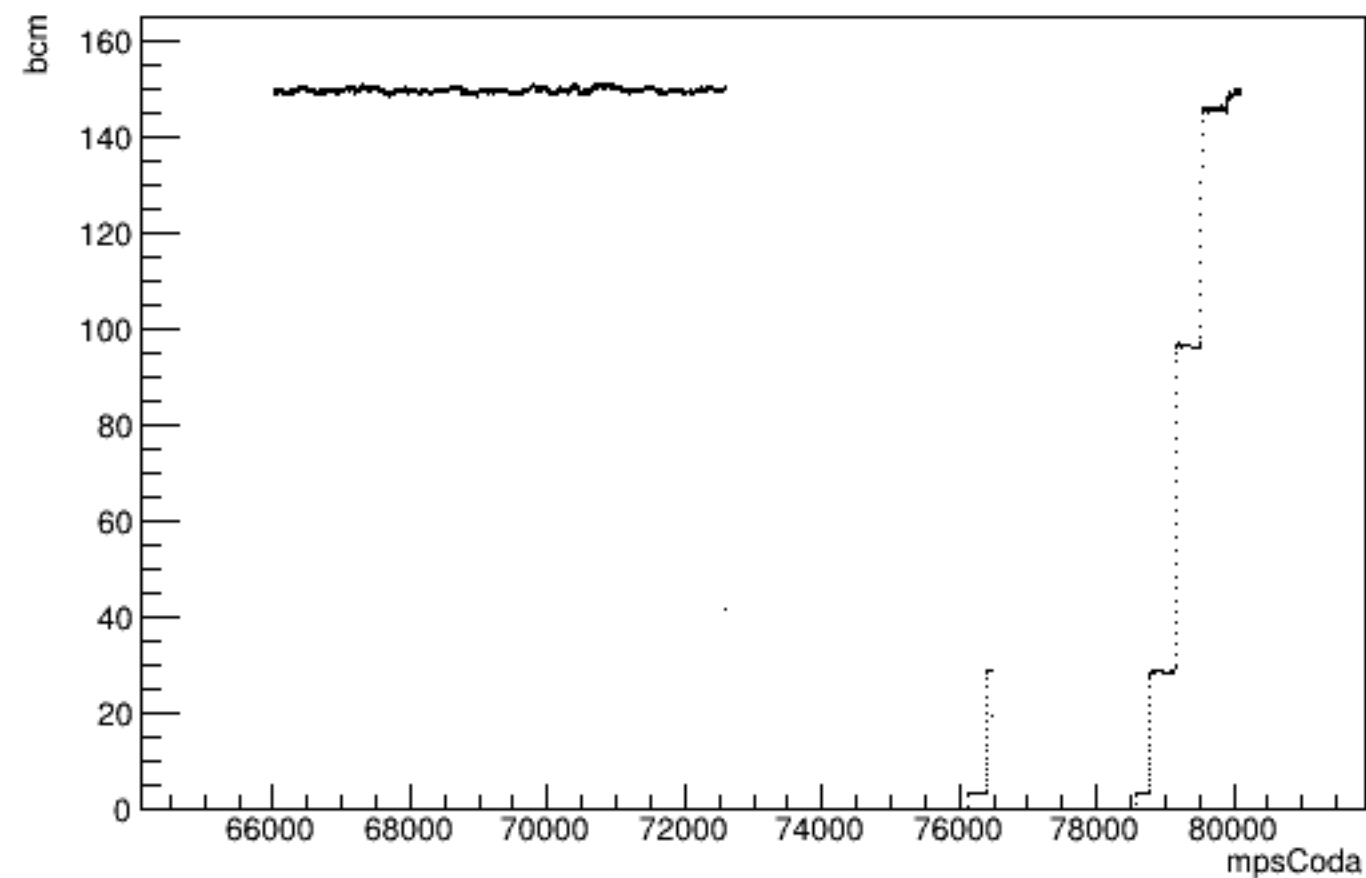
beamState + 1:mpsCoda {mpsCoda>=66008 && mpsCoda<=80099}



cavPowerCalibrated:mpsCoda {mpsCoda>=66008 && mpsCoda<=80099}



bcm:mpsCoda {mpsCoda>=66008 && mpsCoda<=80099}



Cycle 4, Diffs

Entries: 104

Mean: 0.0147 +/- 0.0234

Std Dev: 0.2391 +/- 0.0166

Entries: 1944

Mean: 0.7254 +/- 0.0101

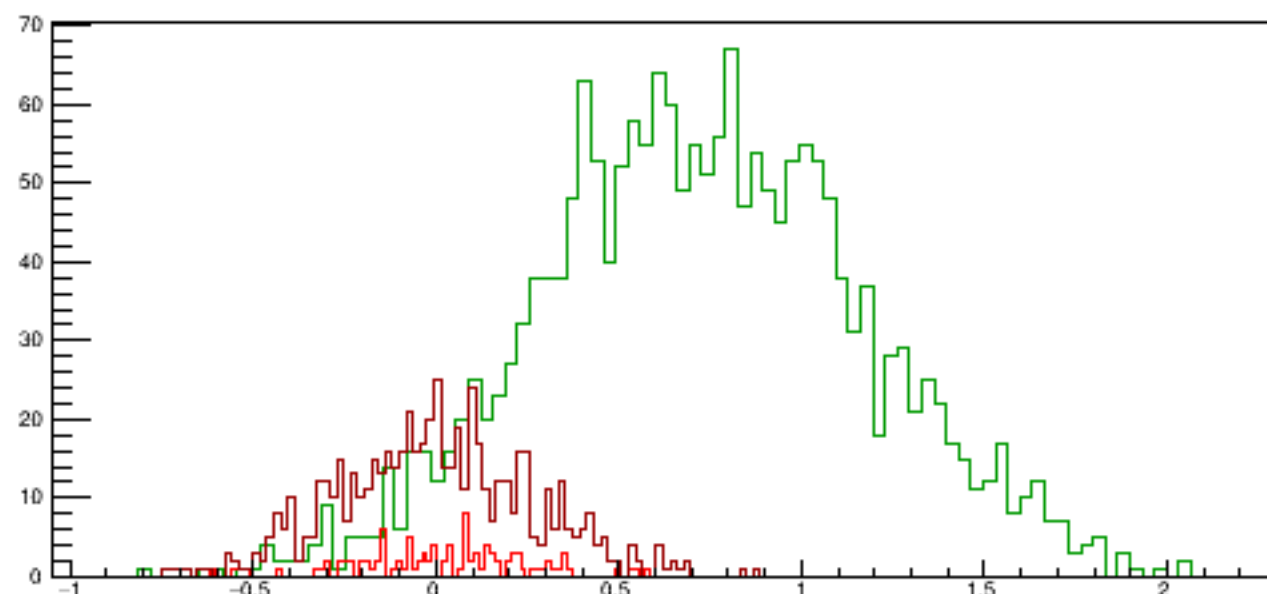
Std Dev: 0.4437 +/- 0.0071

Entries: 597

Mean: 0.0006 +/- 0.0109

Std Dev: 0.2654 +/- 0.0077

Run 5600 quartetwise, Diffs



Cycle 4, Sums

Entries: 104

Mean: 3.4950 +/- 0.0274

Std Dev: 0.2797 +/- 0.0194

Entries: 1944

Mean: 26.5656 +/- 0.0569

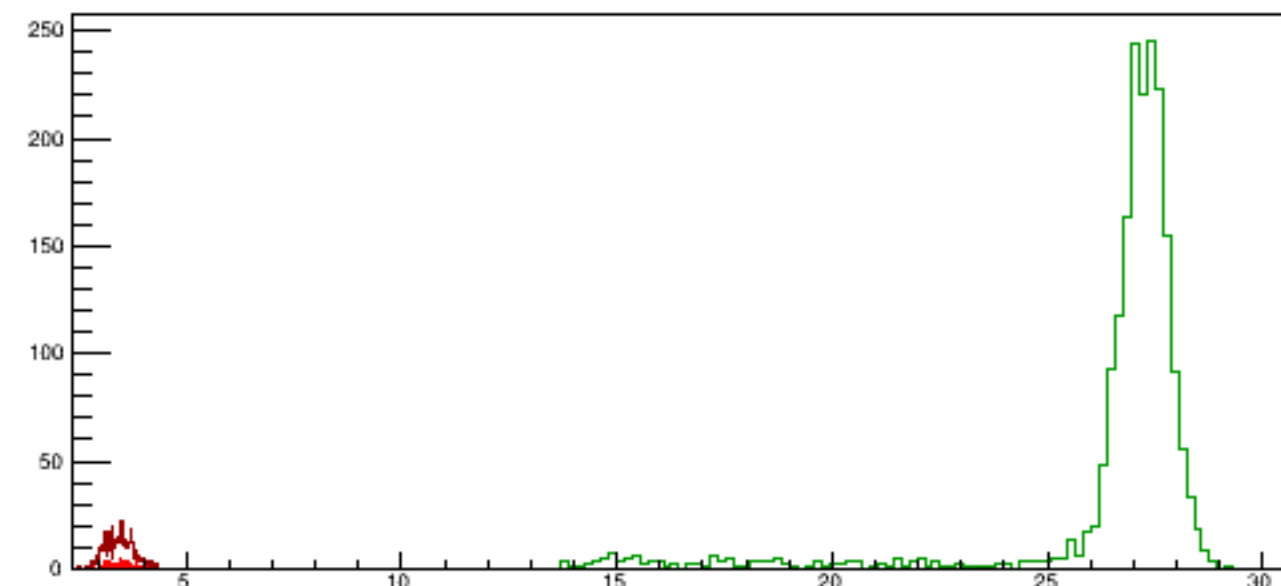
Std Dev: 2.5103 +/- 0.0403

Entries: 597

Mean: 3.4485 +/- 0.0133

Std Dev: 0.3243 +/- 0.0094

Run 5600 quartetwise, Sums



Cycle 4, Asyms

Entries: 104

Mean: 0.0006 +/- 0.0010

Std Dev: 0.0104 +/- 0.0007

Entries: 1944

Mean: 0.0316 +/- 0.0004

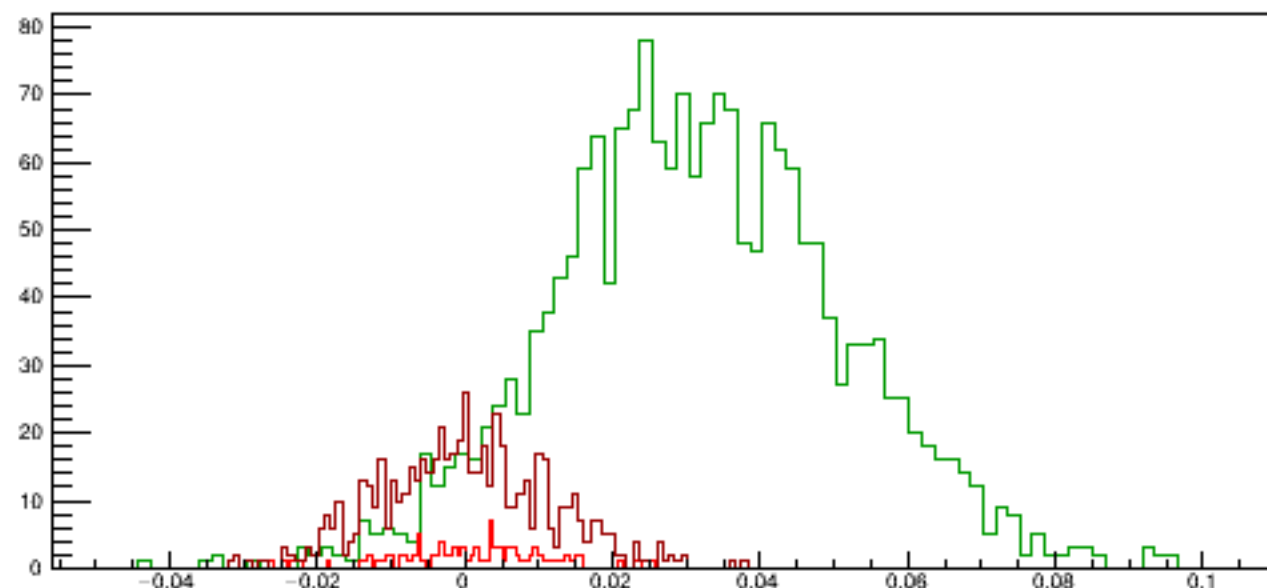
Std Dev: 0.0196 +/- 0.0003

Entries: 597

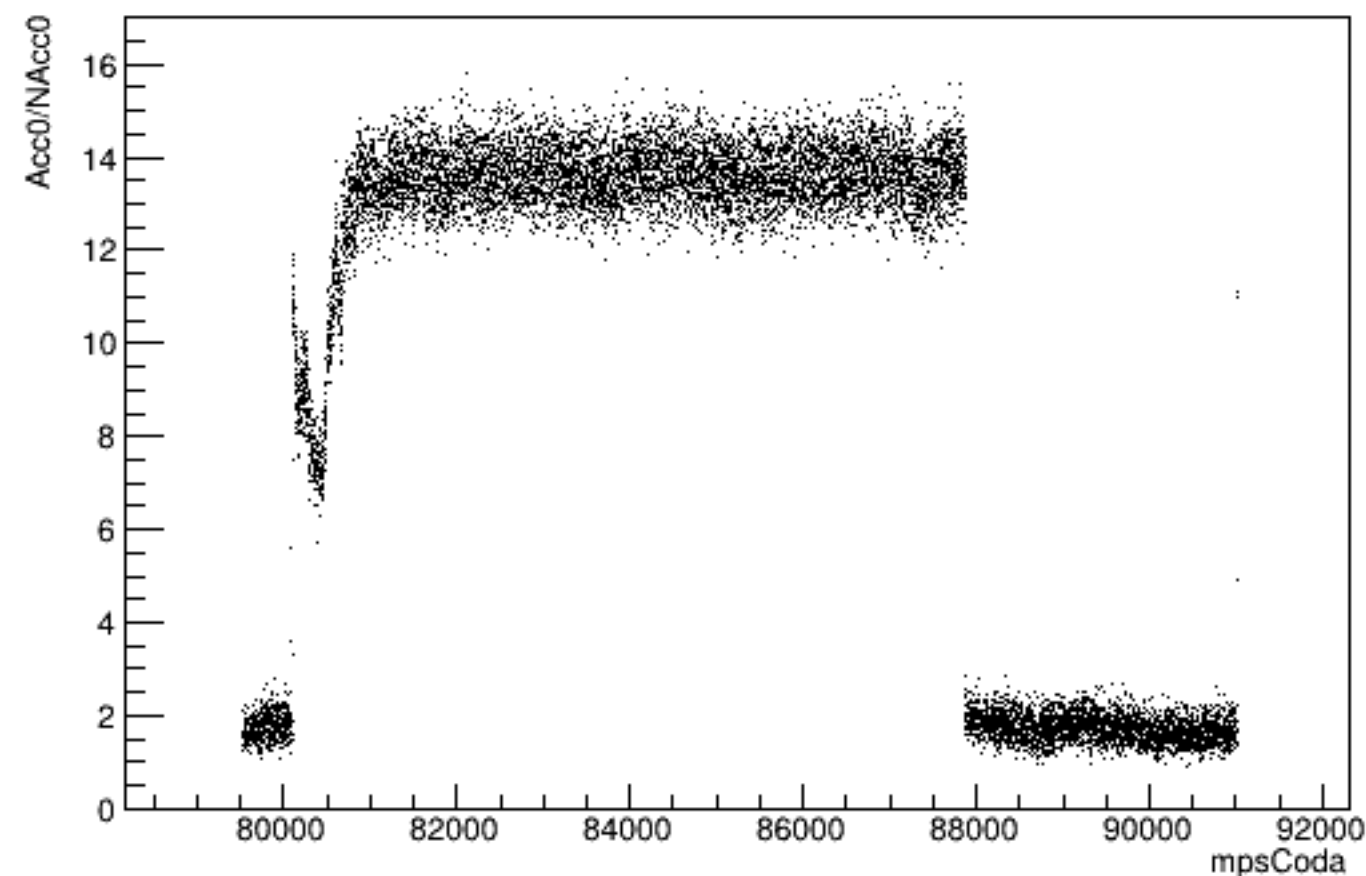
Mean: 0.0000 +/- 0.0005

Std Dev: 0.0115 +/- 0.0003

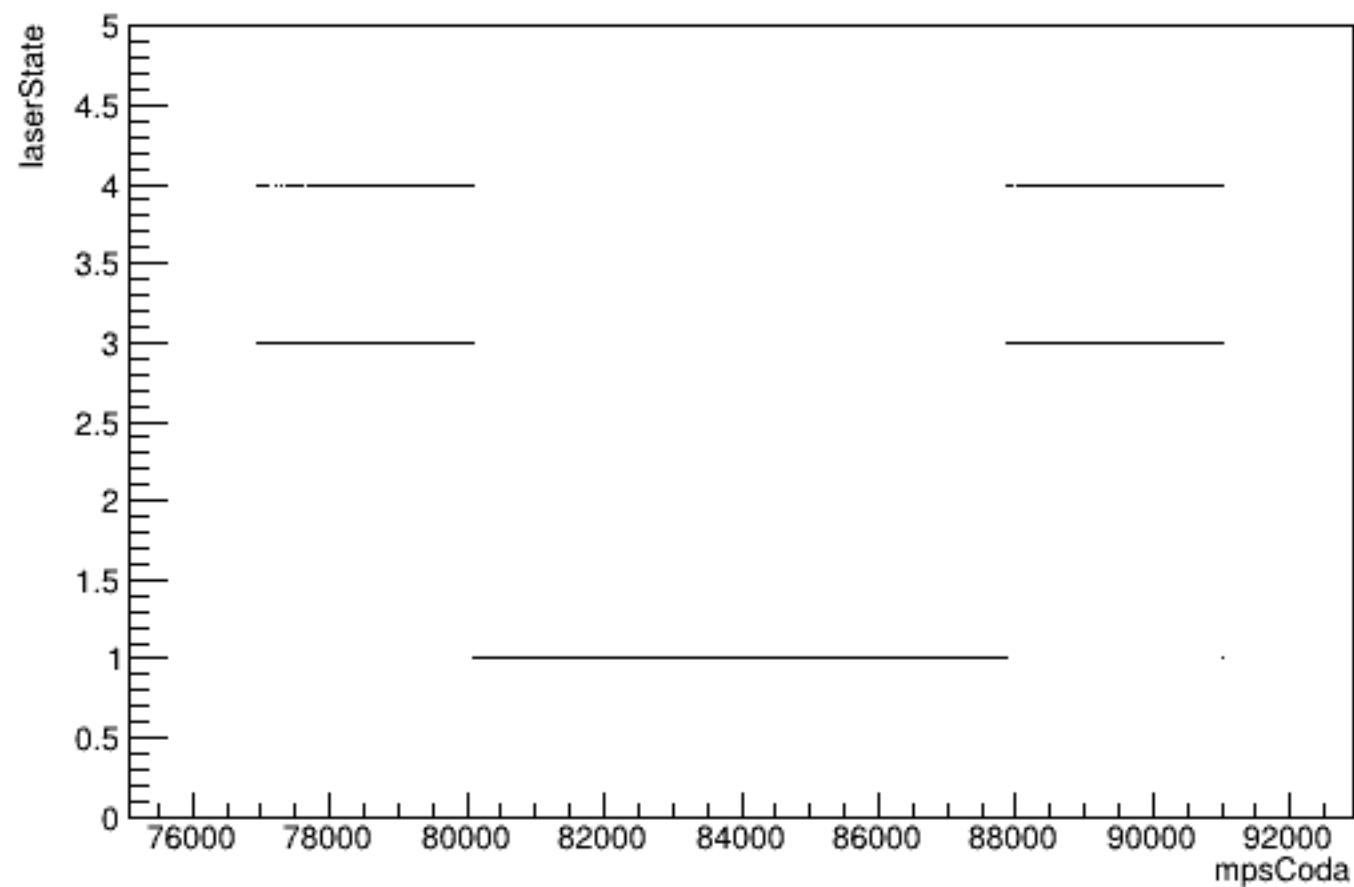
Run 5600 quartetwise, Asyms



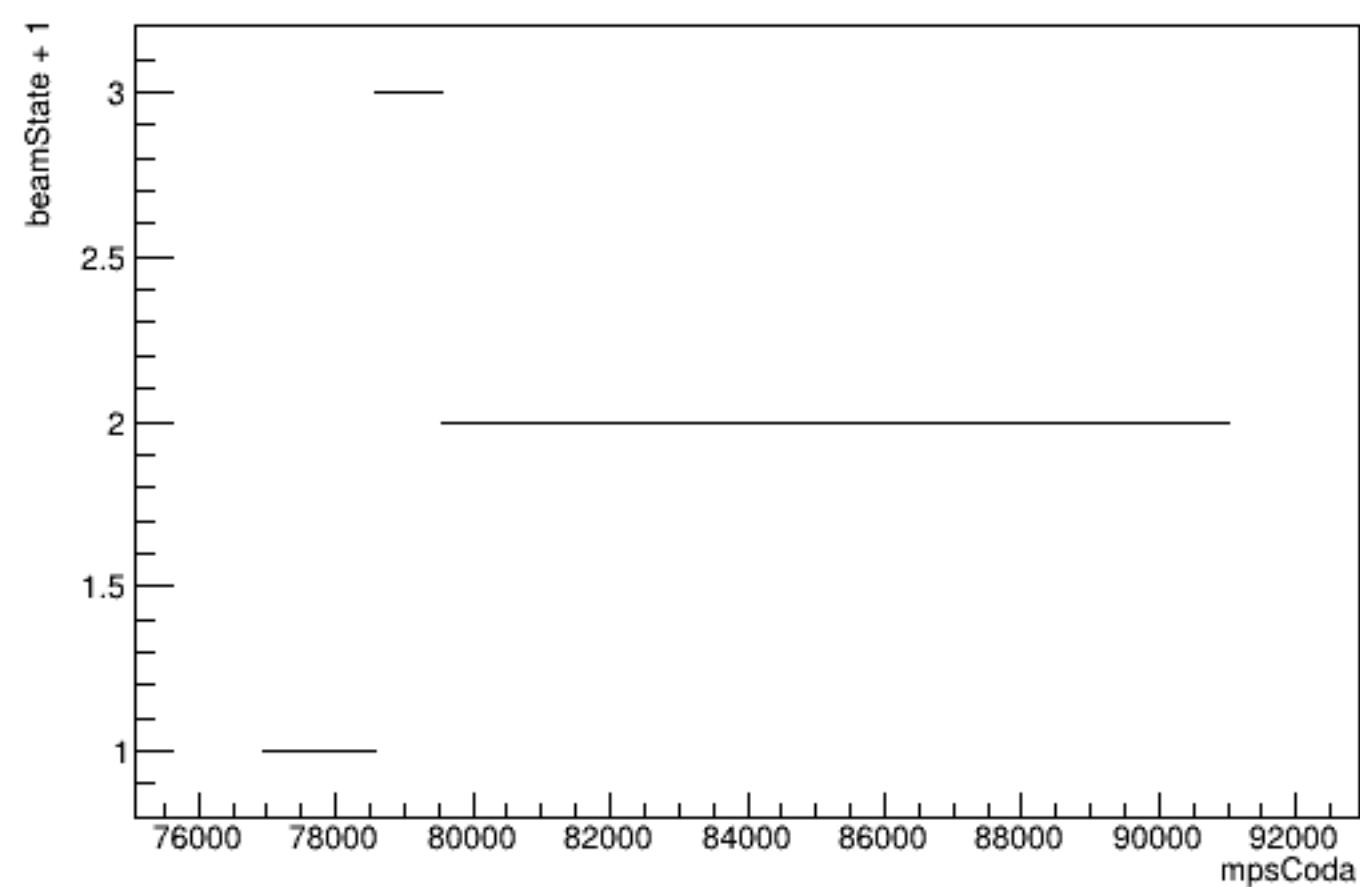
Acc0/NAcc0:mpsCoda {mpsCoda>=76944 && mpsCoda<=91015 && beamState==1}



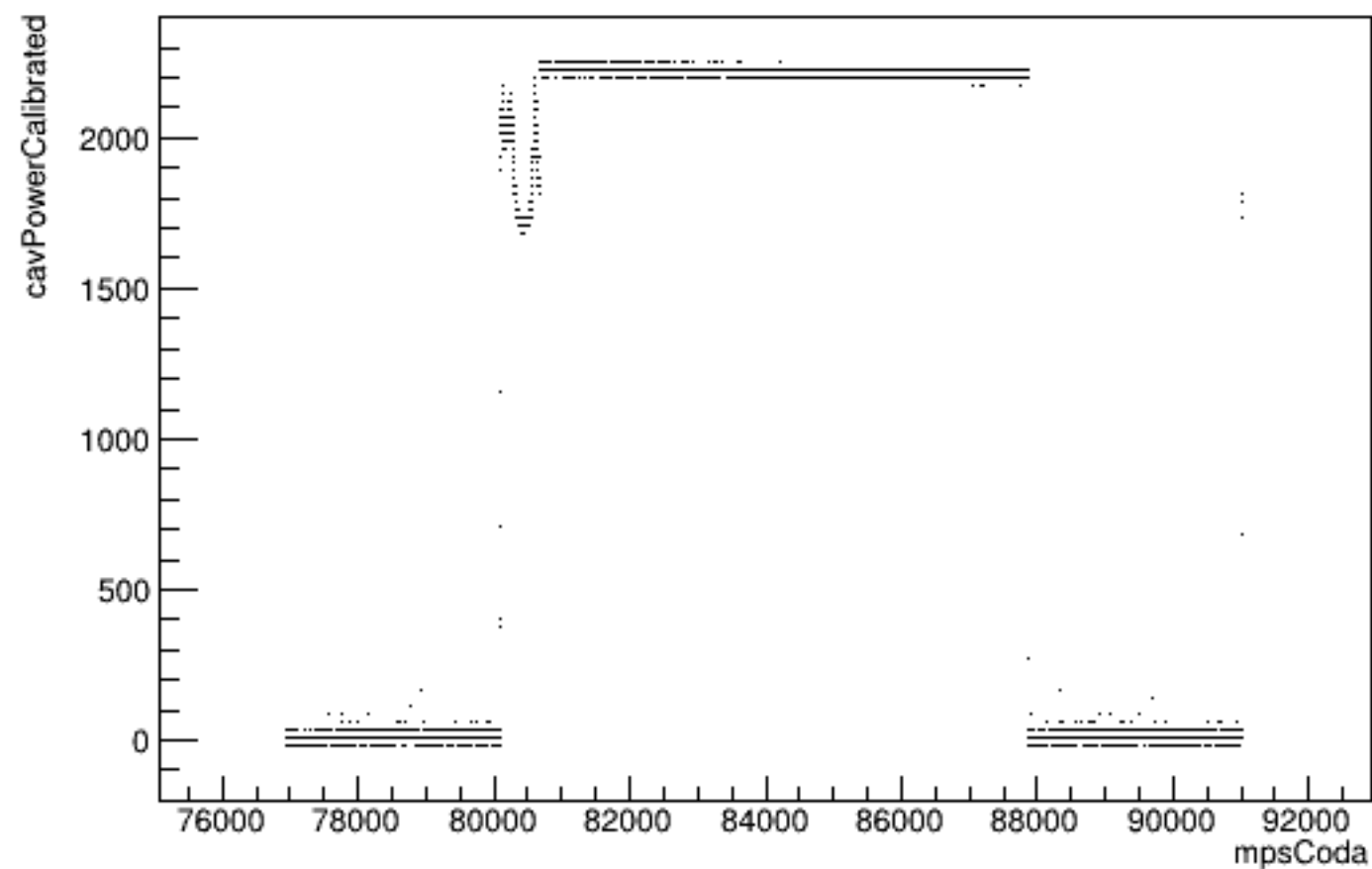
laserState:mpsCoda {mpsCoda>=76944 && mpsCoda<=91015}



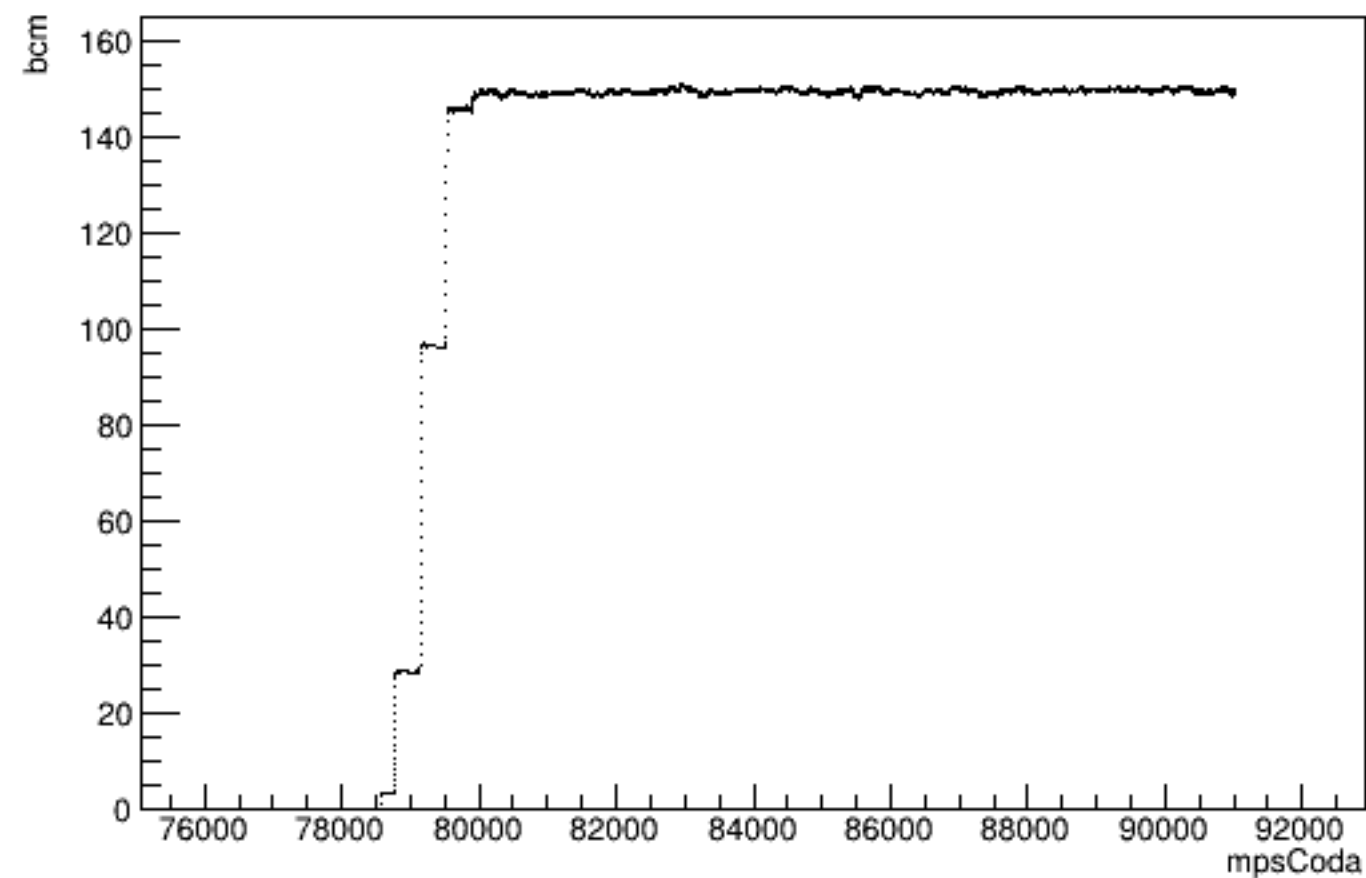
beamState + 1:mpsCoda {mpsCoda>=76944 && mpsCoda<=91015}



cavPowerCalibrated:mpsCoda {mpsCoda>=76944 && mpsCoda<=91015}



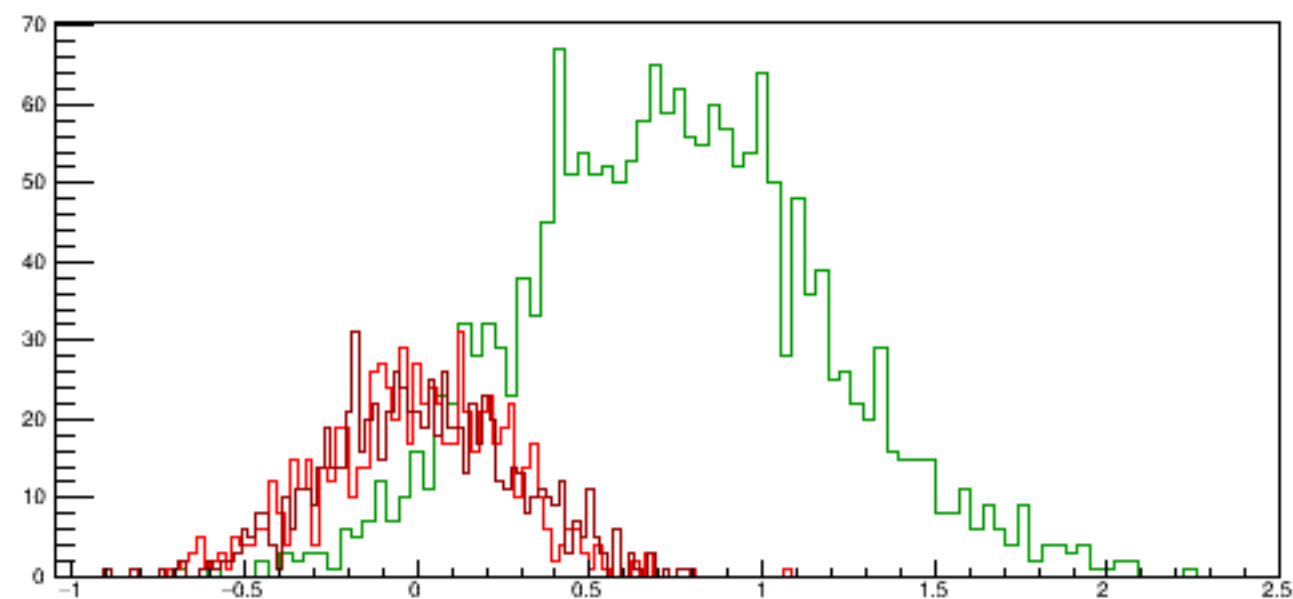
bcm:mpsCoda {mpsCoda>=76944 && mpsCoda<=91015}



Cycle 5, Diffs

Entries: 748	Entries: 1884	Entries: 776
Mean: -0.0066 +/- 0.0096	Mean: 0.7403 +/- 0.0100	Mean: 0.0108 +/- 0.0097
Std Dev: 0.2618 +/- 0.0068	Std Dev: 0.4346 +/- 0.0071	Std Dev: 0.2714 +/- 0.0069

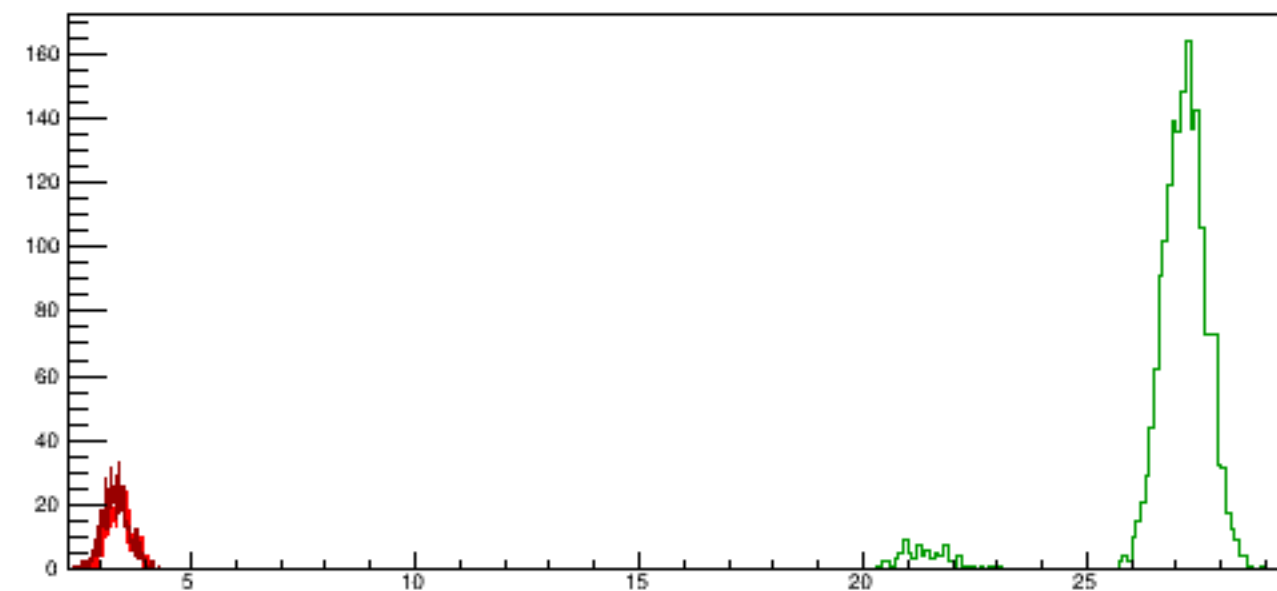
Run 5600 quartetwise, Diffs



Cycle 5, Sums

Entries: 748	Entries: 1884	Entries: 776
Mean: 3.4037 +/- 0.0103	Mean: 26.9378 +/- 0.0290	Mean: 3.3142 +/- 0.0103
Std Dev: 0.2808 +/- 0.0073	Std Dev: 1.2580 +/- 0.0205	Std Dev: 0.2856 +/- 0.0072

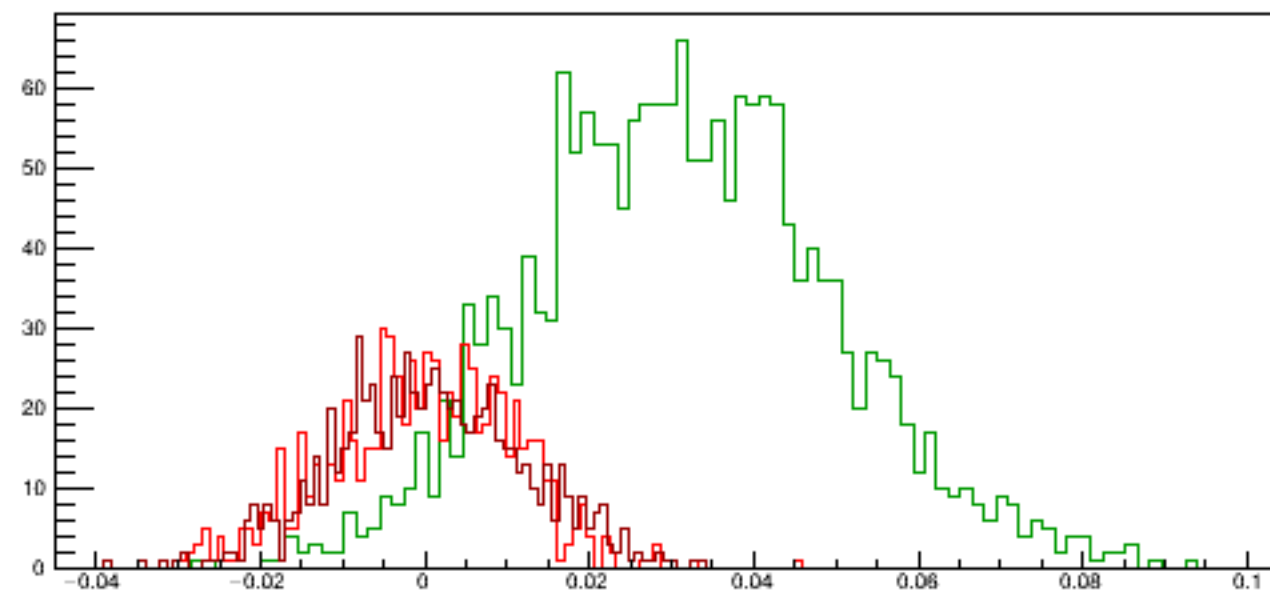
Run 5600 quartetwise, Sums



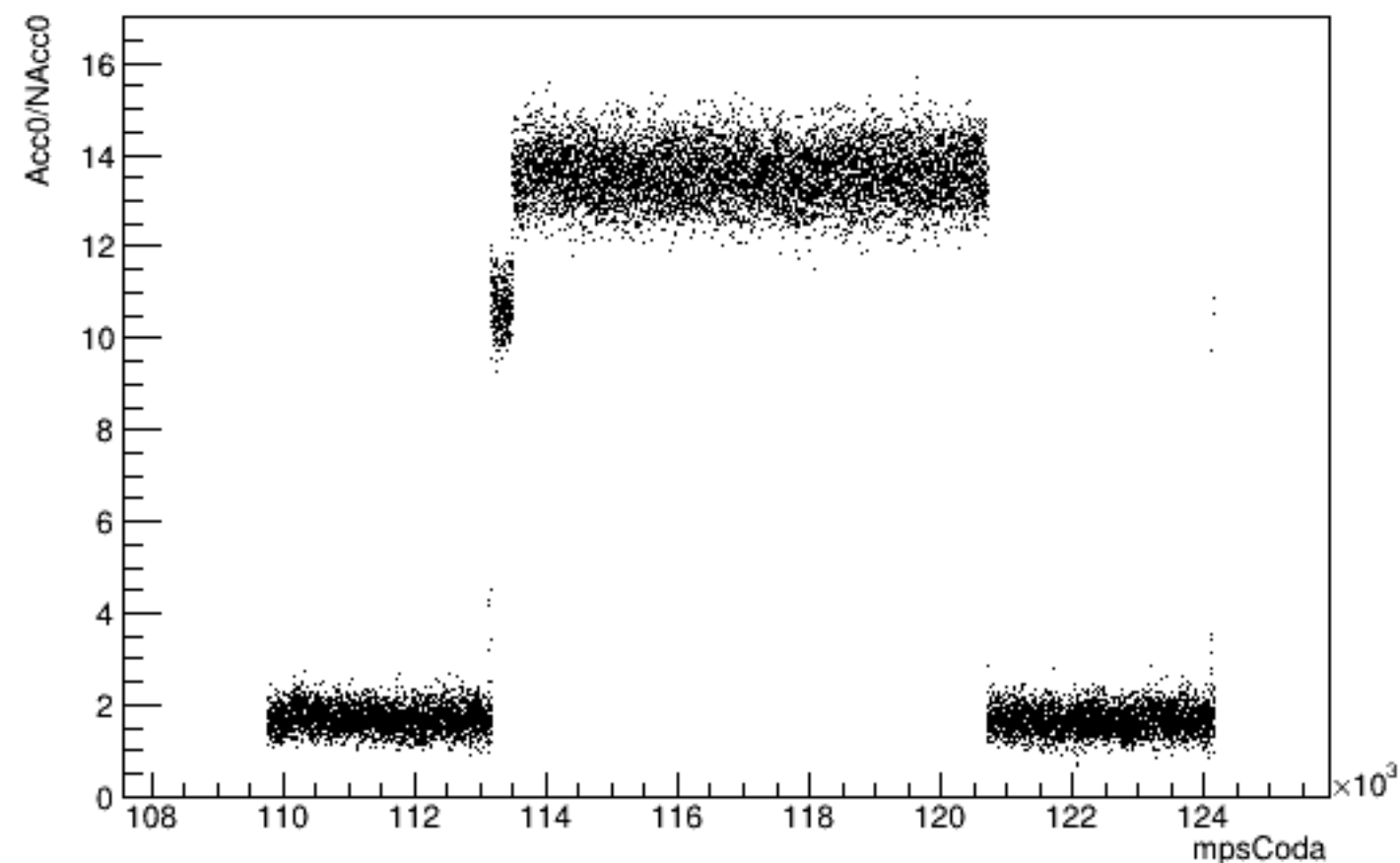
Cycle 5, Asyms

Entries: 748	Entries: 1884	Entries: 776
Mean: -0.0003 +/- 0.0004	Mean: 0.0314 +/- 0.0004	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0111 +/- 0.0003	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0115 +/- 0.0003

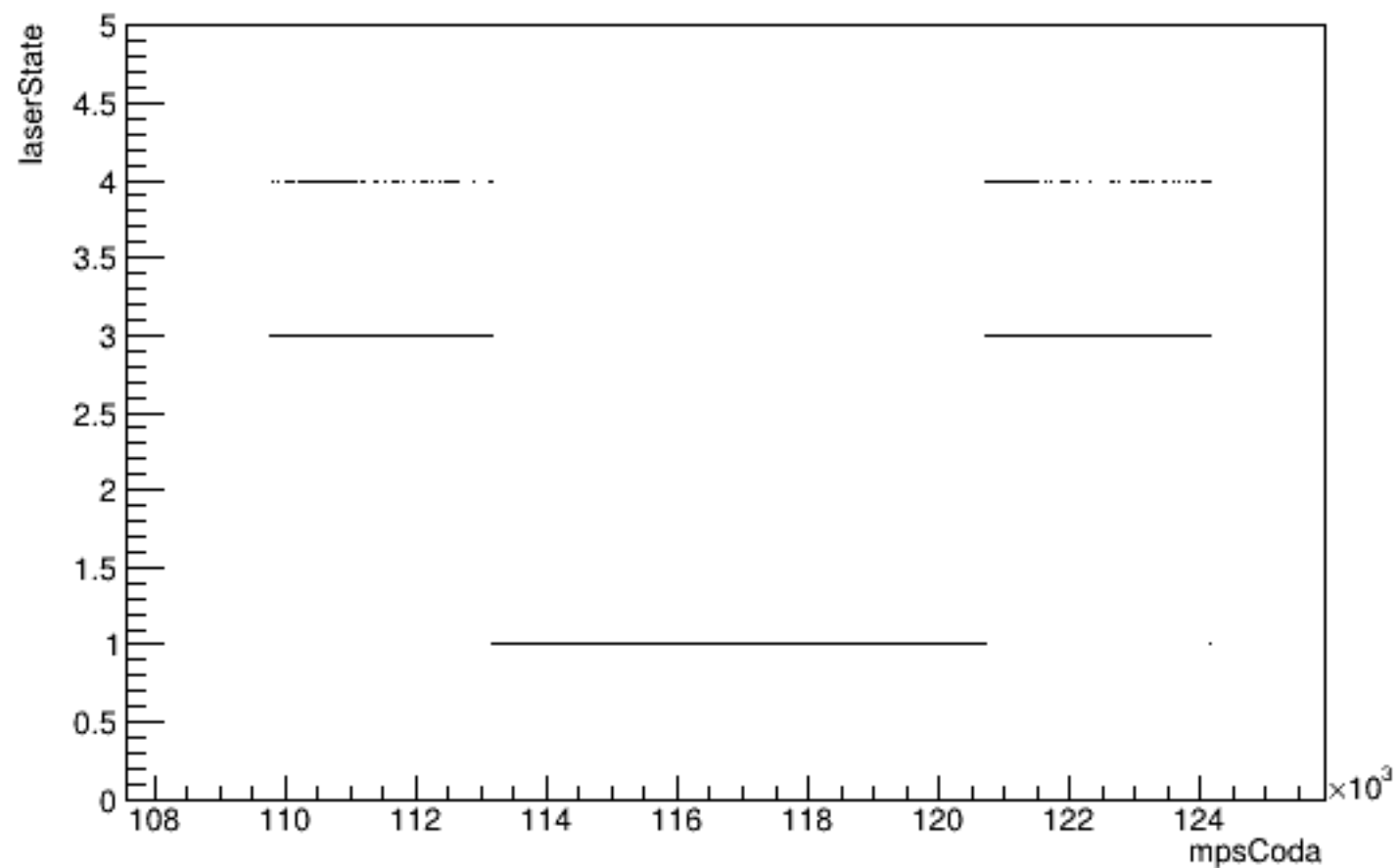
Run 5600 quartetwise, Asyms



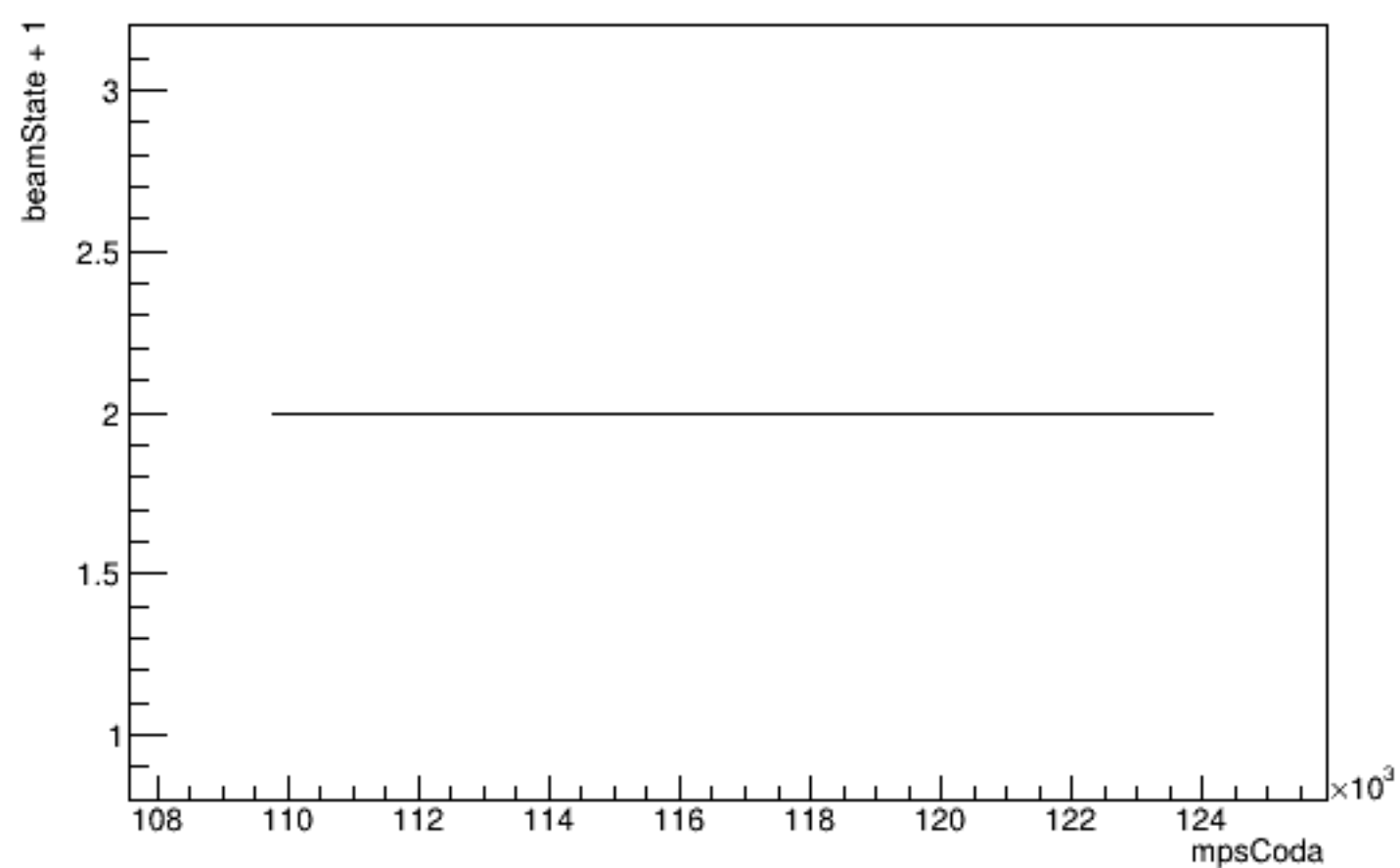
Acc0/NAcc0:mpsCoda (mpsCoda>=109764 && mpsCoda<=124163 && beamState==1)



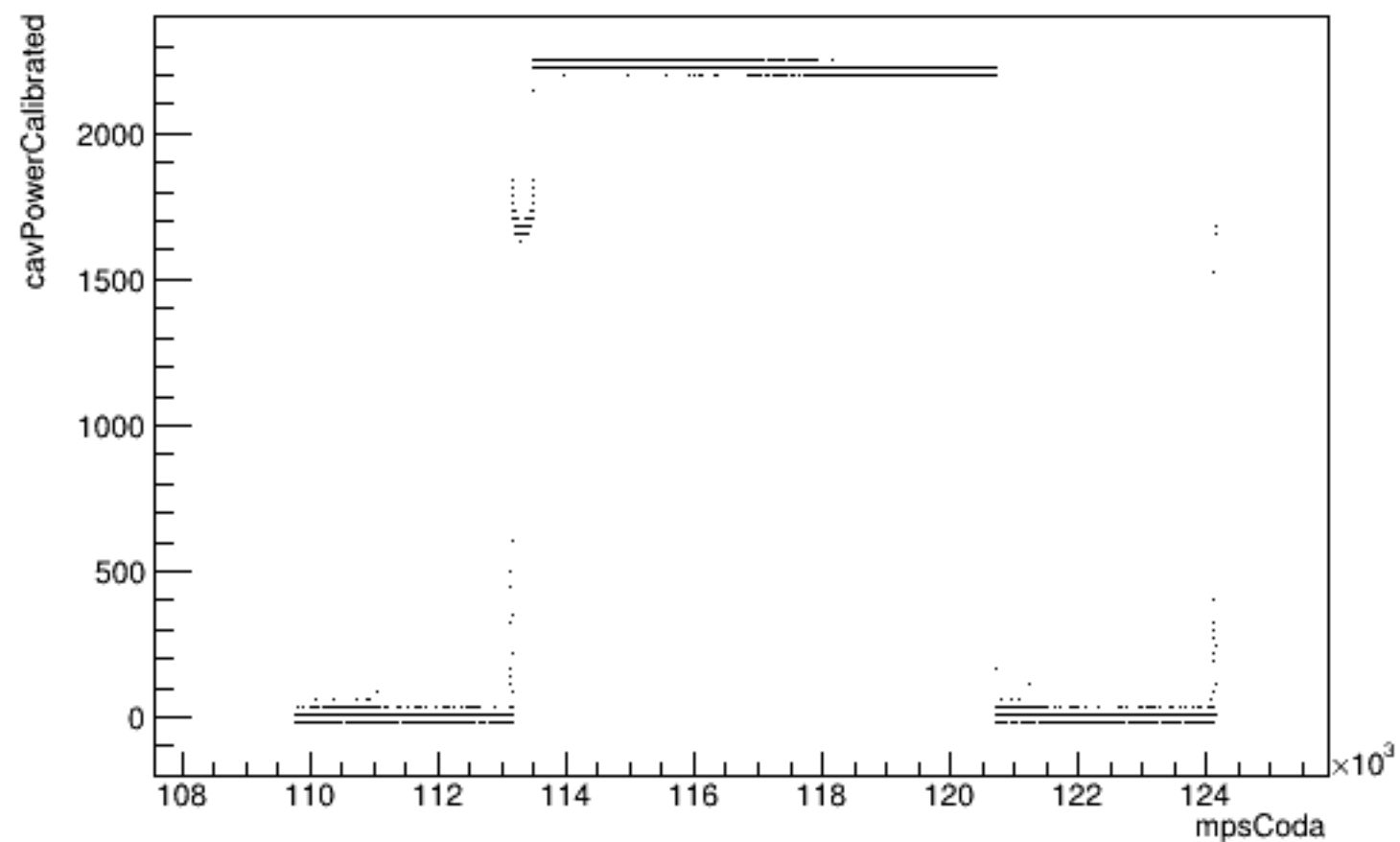
laserState:mpsCoda {mpsCoda>=109764 && mpsCoda<=124163}



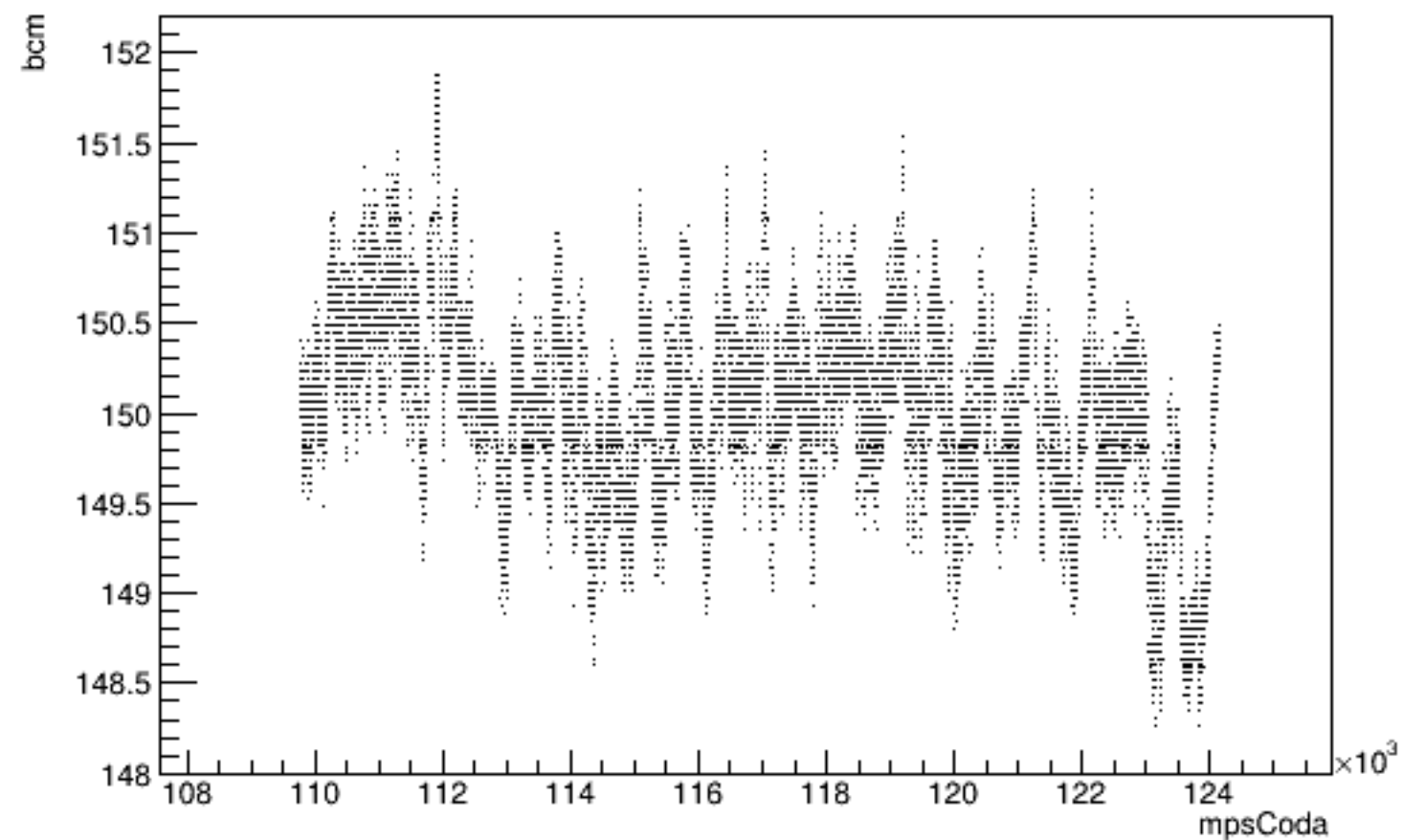
beamState + 1:mpsCoda {mpsCoda>=109764 && mpsCoda<=124163}



cavPowerCalibrated:mpsCoda {mpsCoda>=109764 && mpsCoda<=124163}



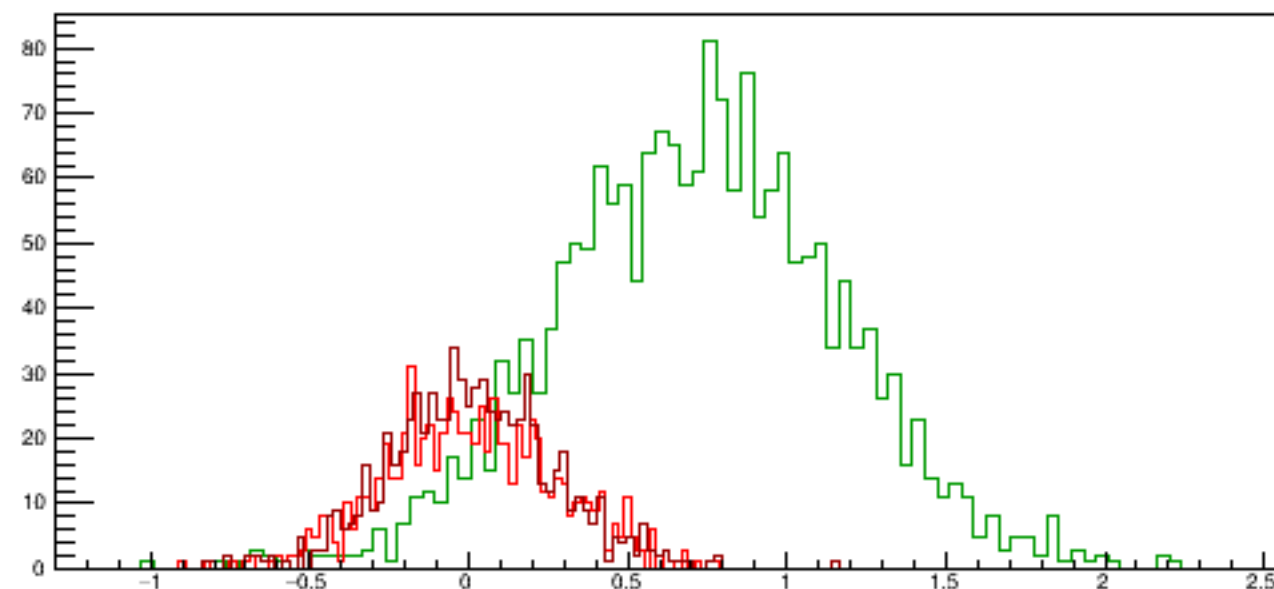
bcm:mpsCoda {mpsCoda>=109764 && mpsCoda<=124163}



Cycle 6, Diffs

Entries: 776	Entries: 1930	Entries: 752
Mean: 0.0108 +/- 0.0097	Mean: 0.7187 +/- 0.0102	Mean: 0.0108 +/- 0.0095
Std Dev: 0.2714 +/- 0.0069	Std Dev: 0.4467 +/- 0.0072	Std Dev: 0.2604 +/- 0.0067

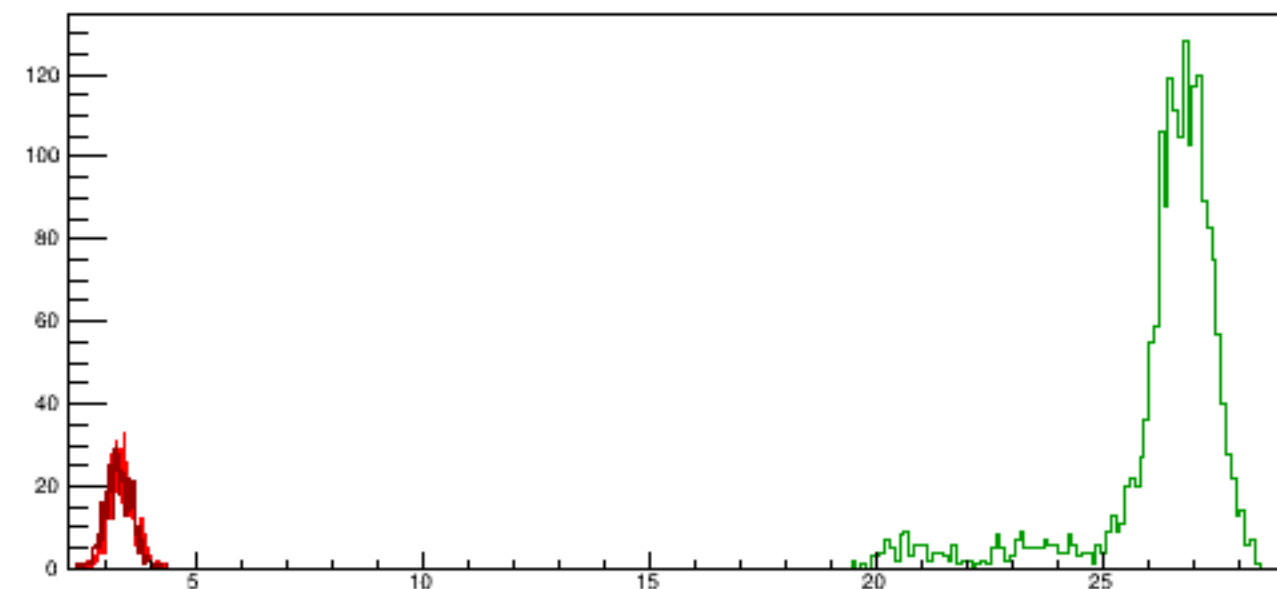
Run 5600 quartetwise, Diffs



Cycle 6, Sums

Entries: 776	Entries: 1930	Entries: 752
Mean: 3.3142 +/- 0.0103	Mean: 26.2993 +/- 0.0355	Mean: 3.2702 +/- 0.0107
Std Dev: 0.2856 +/- 0.0072	Std Dev: 1.5616 +/- 0.0251	Std Dev: 0.2945 +/- 0.0076

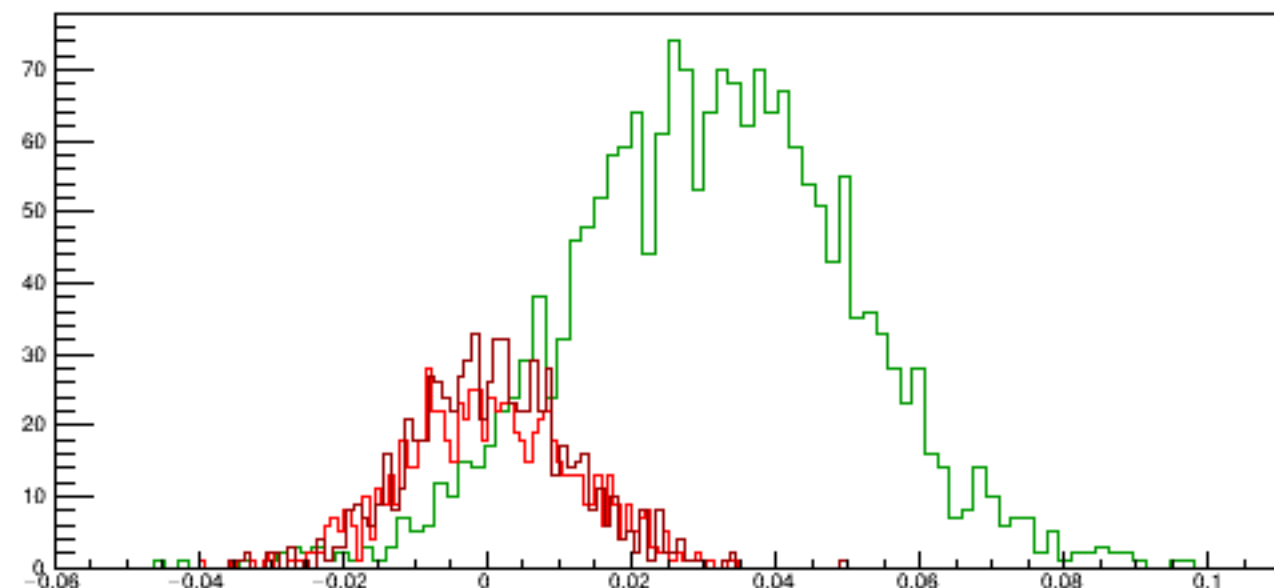
Run 5600 quartetwise, Sums



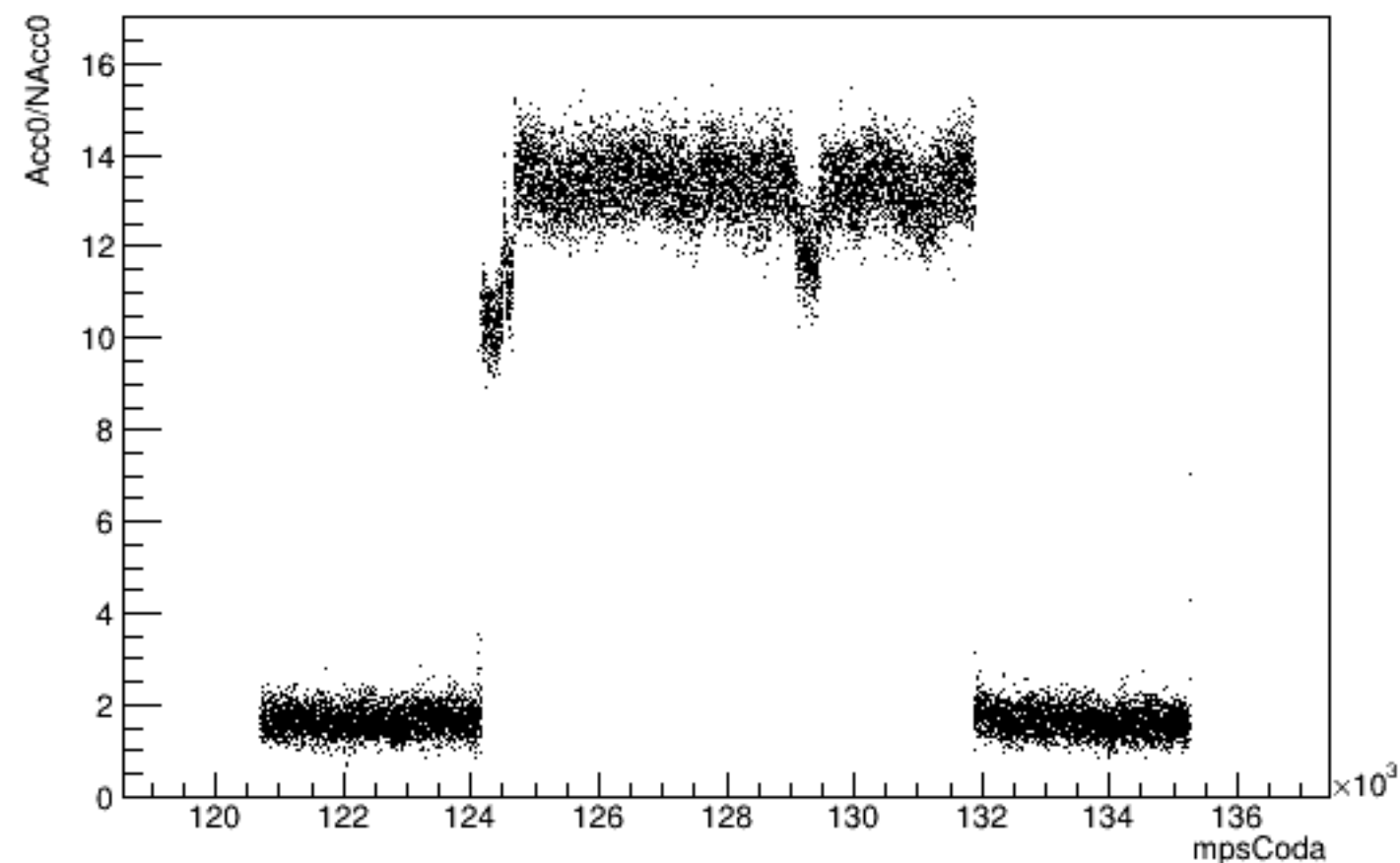
Cycle 6, Asyms

Entries: 776	Entries: 1930	Entries: 752
Mean: 0.0005 +/- 0.0004	Mean: 0.0312 +/- 0.0004	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0118 +/- 0.0003	Std Dev: 0.0195 +/- 0.0003	Std Dev: 0.0113 +/- 0.0003

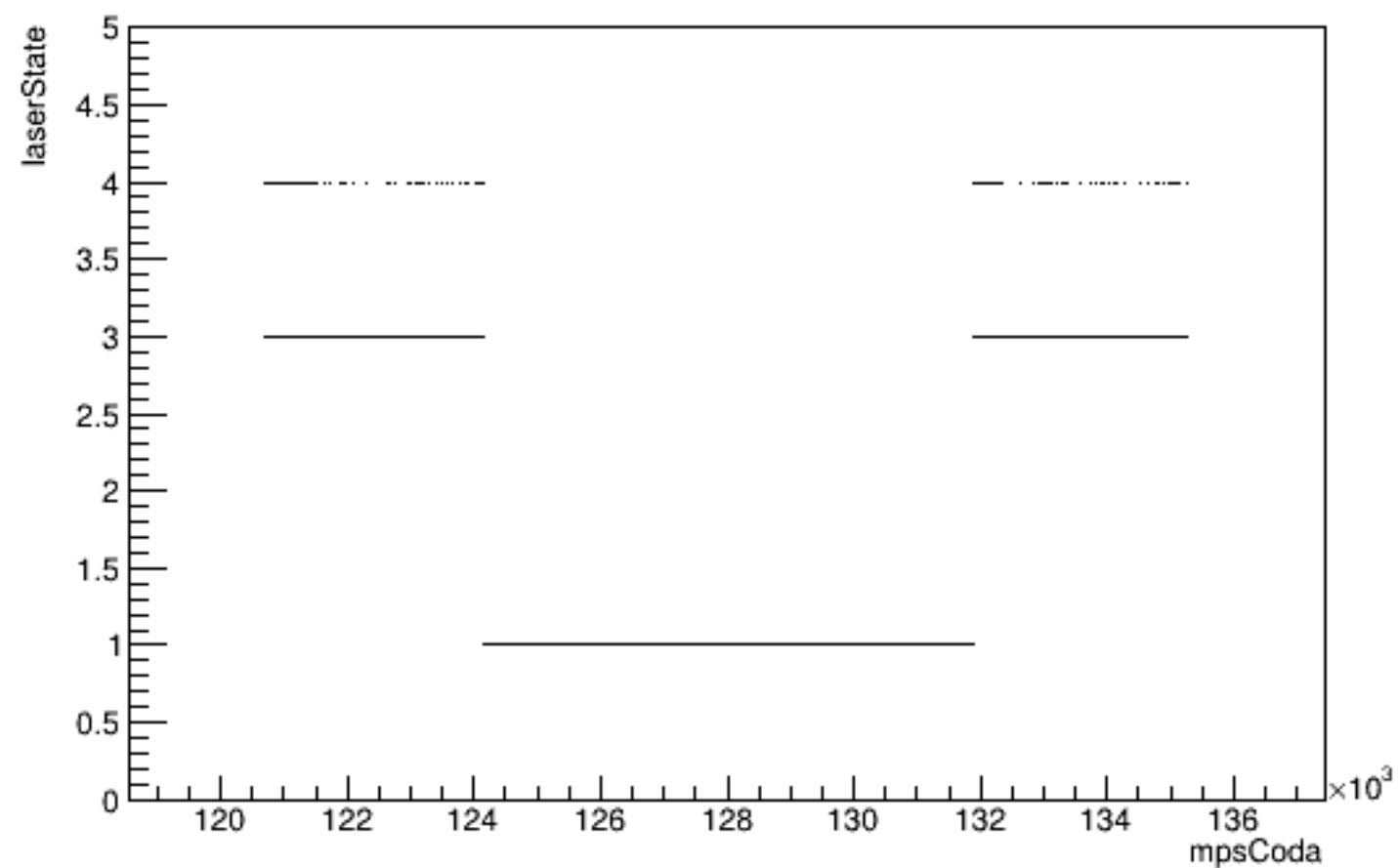
Run 5600 quartetwise, Asyms



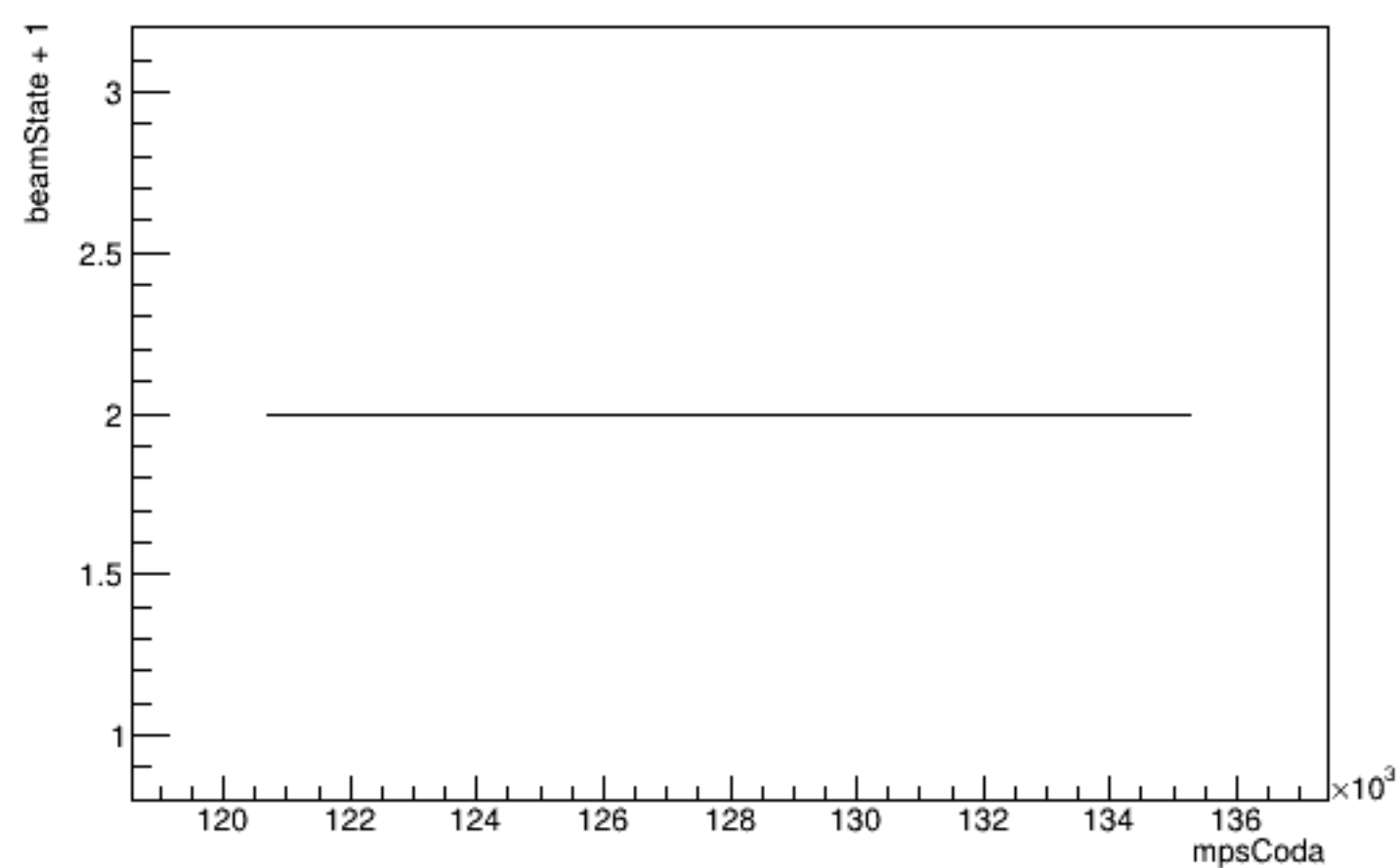
Acc0/NAcc0:mpsCoda (mpsCoda>=120708 && mpsCoda<=135255 && beamState==1)



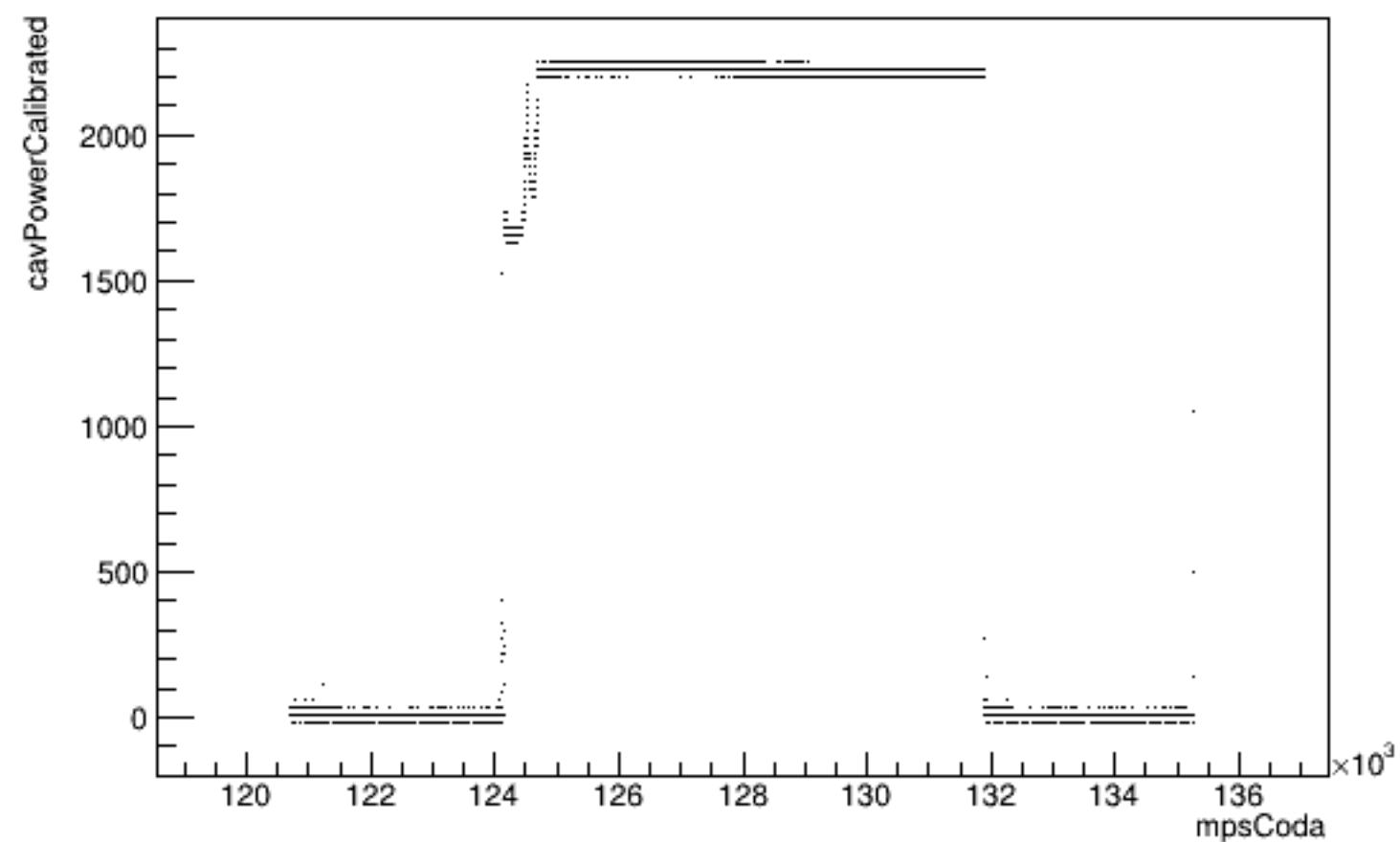
laserState:mpsCoda {mpsCoda>=120708 && mpsCoda<=135255}



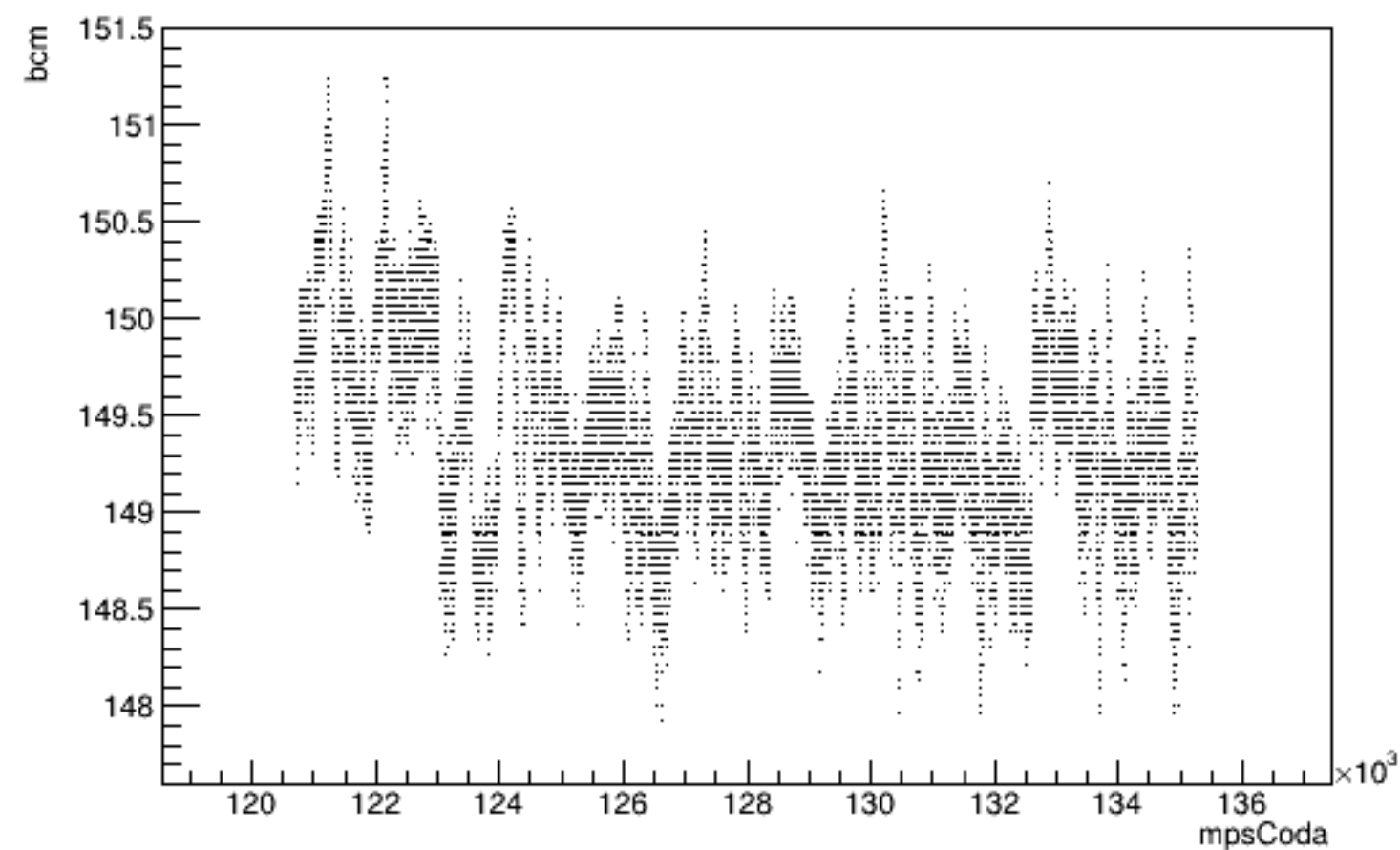
beamState + 1:mpsCoda {mpsCoda>=120708 && mpsCoda<=135255}



cavPowerCalibrated:mpsCoda {mpsCoda>=120708 && mpsCoda<=135255}



bcm:mpsCoda {mpsCoda>=120708 && mpsCoda<=135255}



Cycle 7, Diffs

Entries: 797

Mean: 0.0019 +/- 0.0092

Std Dev: 0.2595 +/- 0.0065

Entries: 1879

Mean: 0.7380 +/- 0.0100

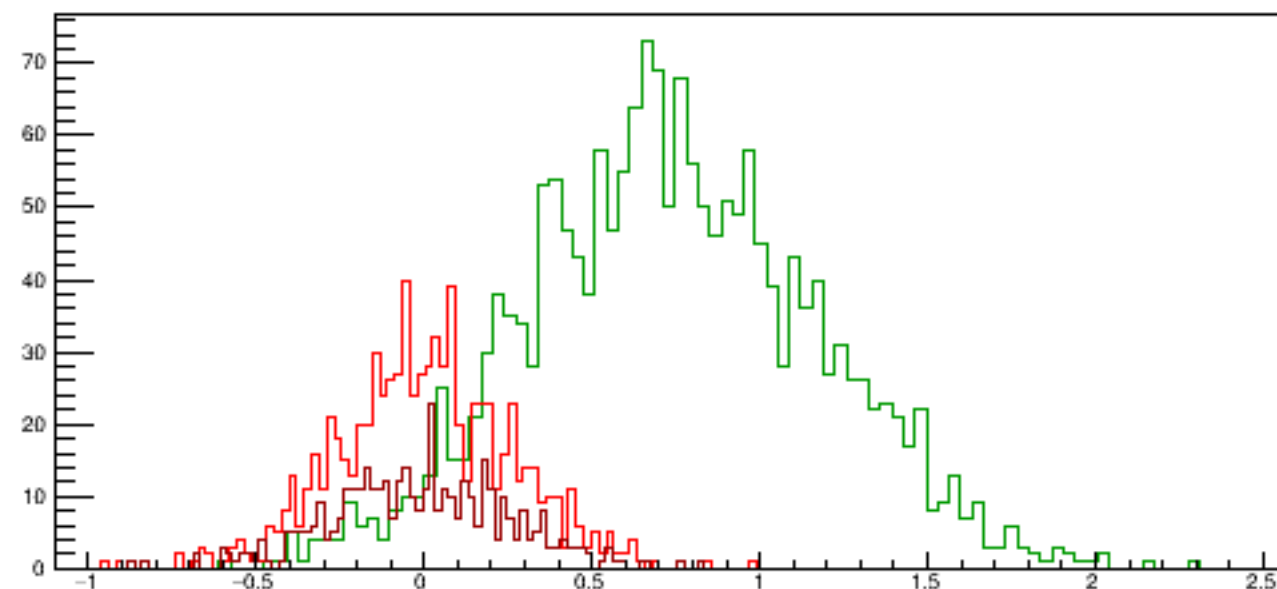
Std Dev: 0.4347 +/- 0.0071

Entries: 409

Mean: -0.0087 +/- 0.0132

Std Dev: 0.2662 +/- 0.0093

Run 5600 quartetwise, Diffs



Cycle 7, Sums

Entries: 797

Mean: 3.6180 +/- 0.0109

Std Dev: 0.3068 +/- 0.0077

Entries: 1879

Mean: 26.8915 +/- 0.0270

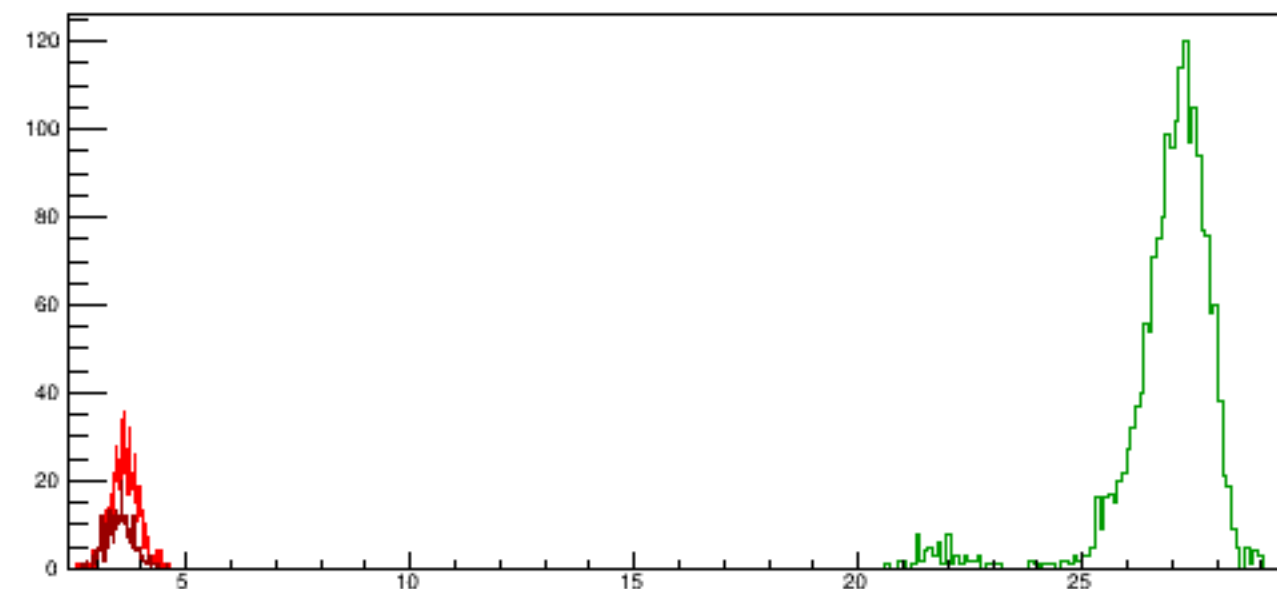
Std Dev: 1.1699 +/- 0.0191

Entries: 409

Mean: 3.5401 +/- 0.0151

Std Dev: 0.3053 +/- 0.0107

Run 5600 quartetwise, Sums



Cycle 7, Asyms

Entries: 797

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0111 +/- 0.0003

Entries: 1879

Mean: 0.0317 +/- 0.0004

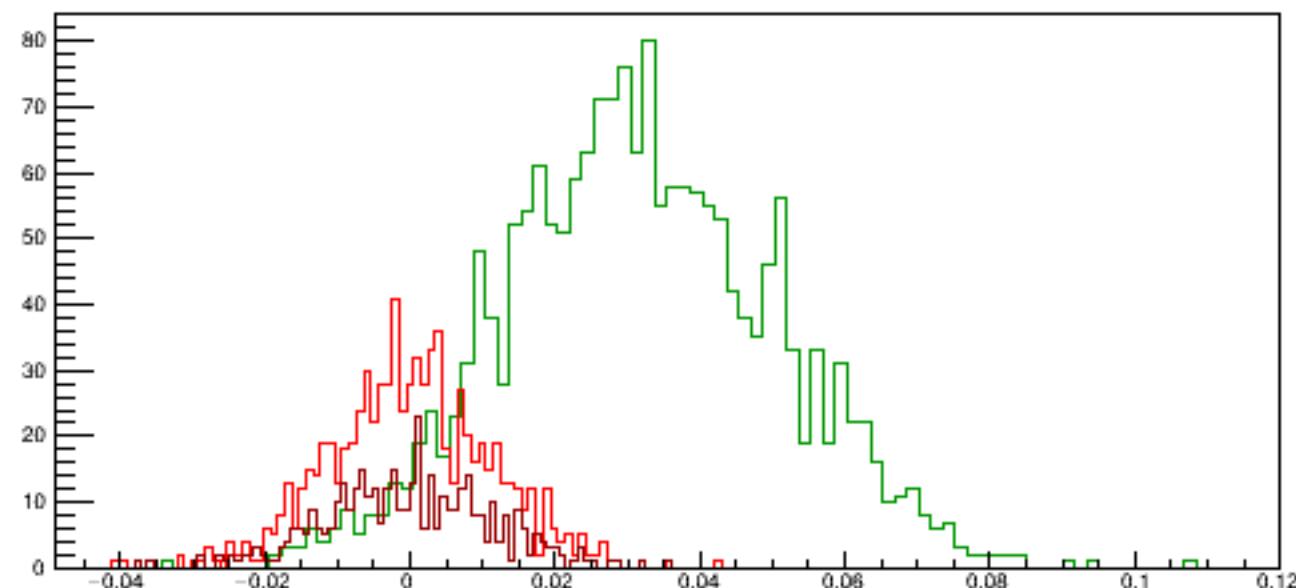
Std Dev: 0.0187 +/- 0.0003

Entries: 409

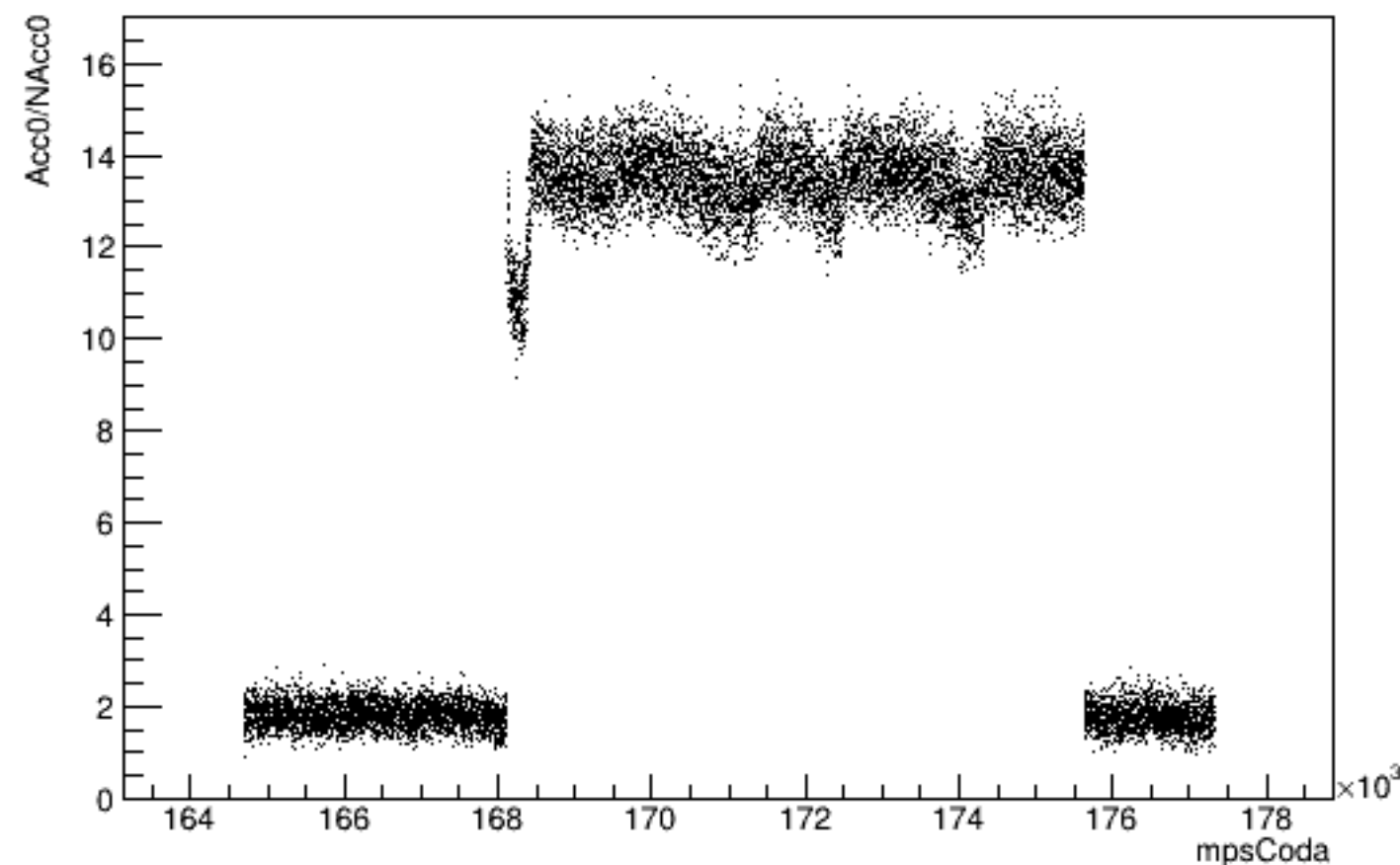
Mean: -0.0004 +/- 0.0006

Std Dev: 0.0114 +/- 0.0004

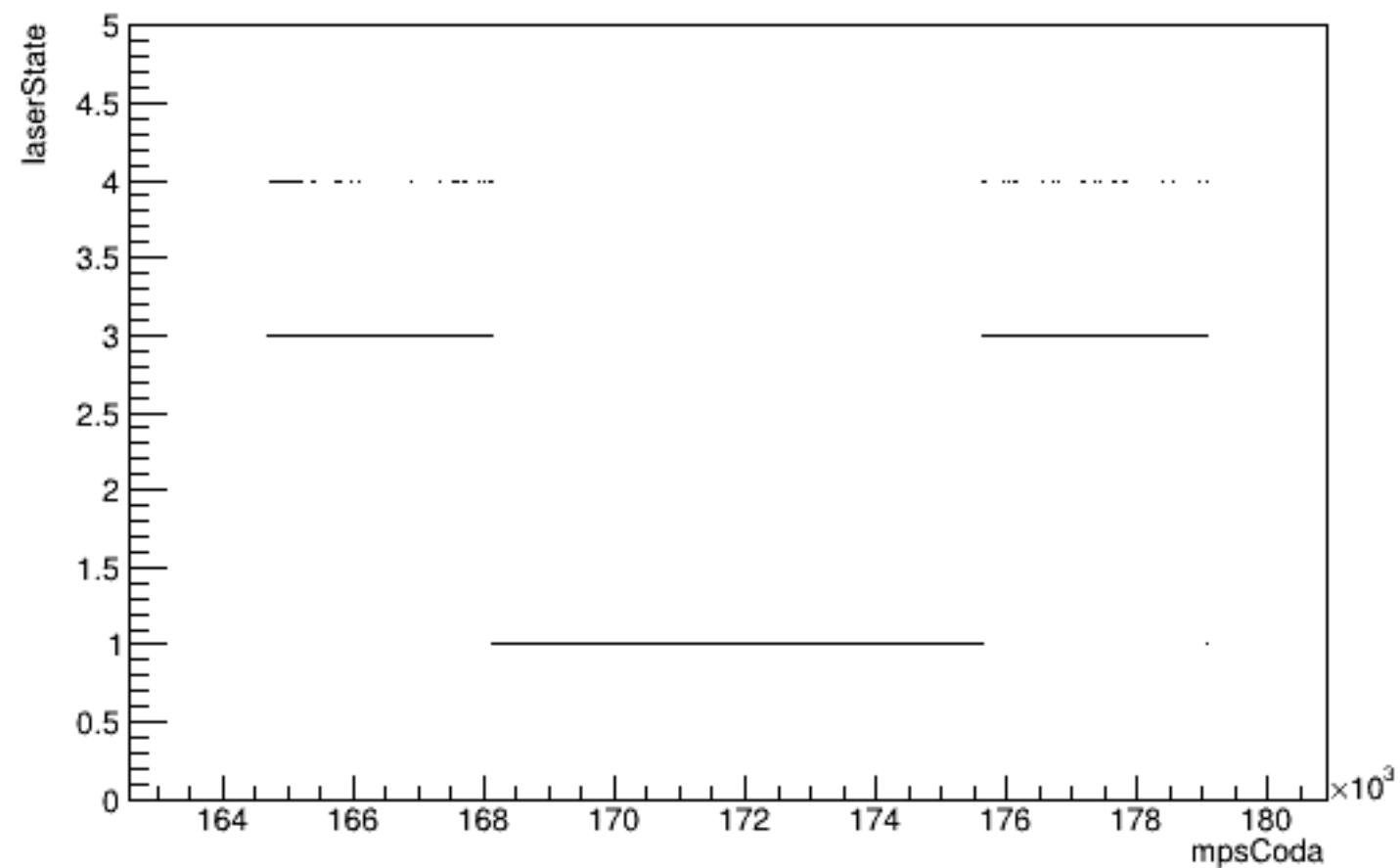
Run 5600 quartetwise, Asyms



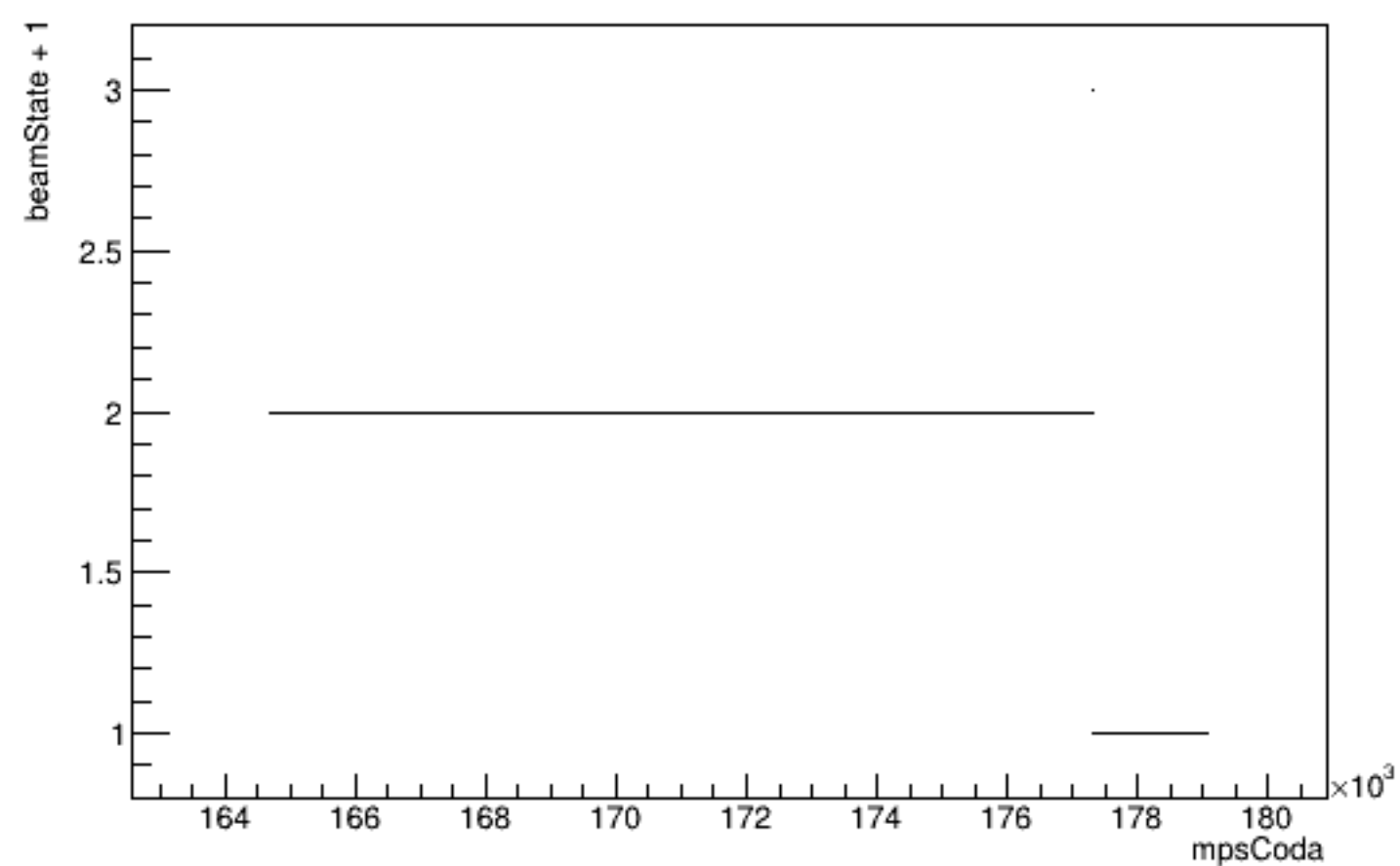
Acc0/NAcc0:mpsCoda (mpsCoda>=164700 && mpsCoda<=179083 && beamState==1)



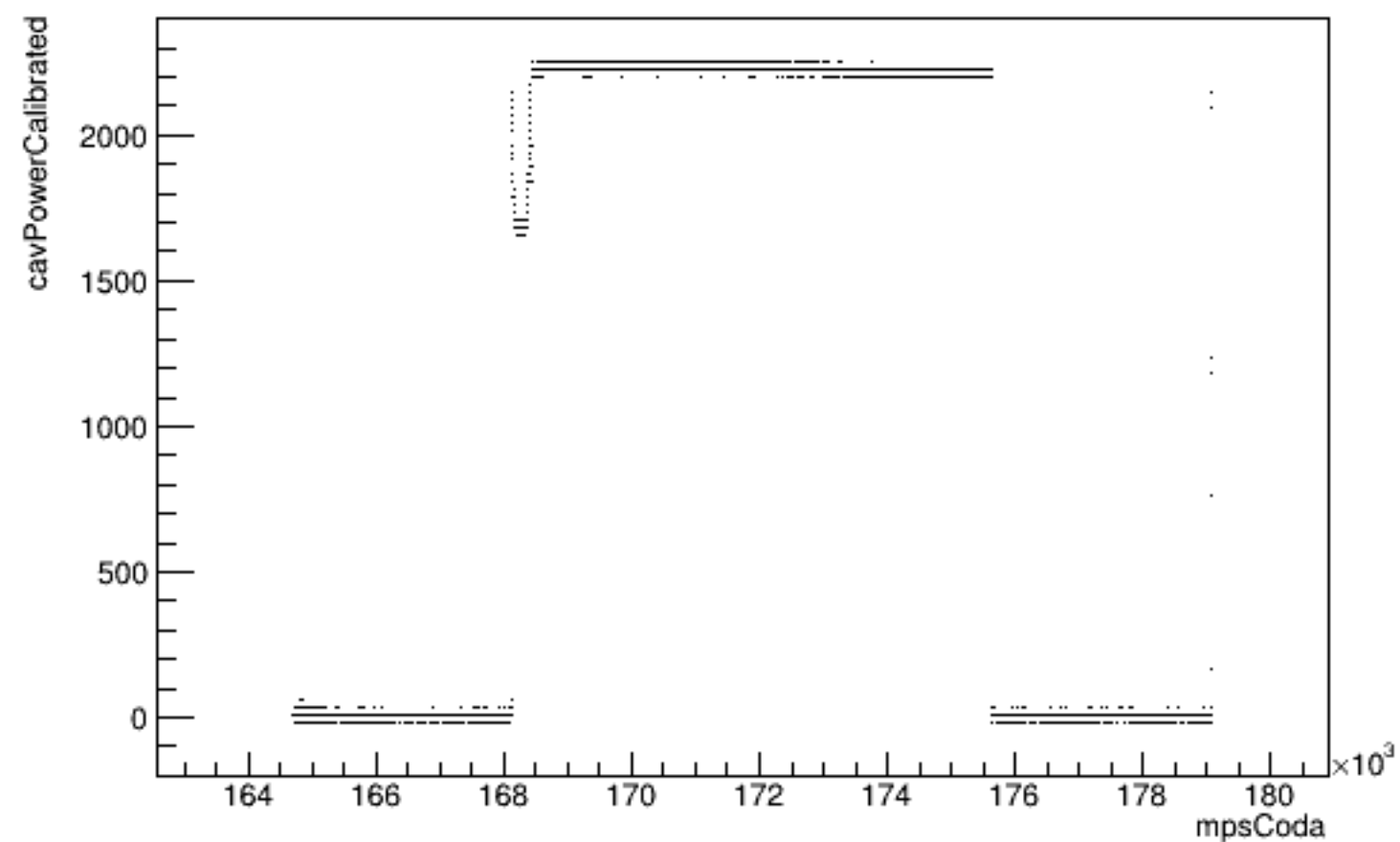
laserState:mpsCoda {mpsCoda>=164700 && mpsCoda<=179083}



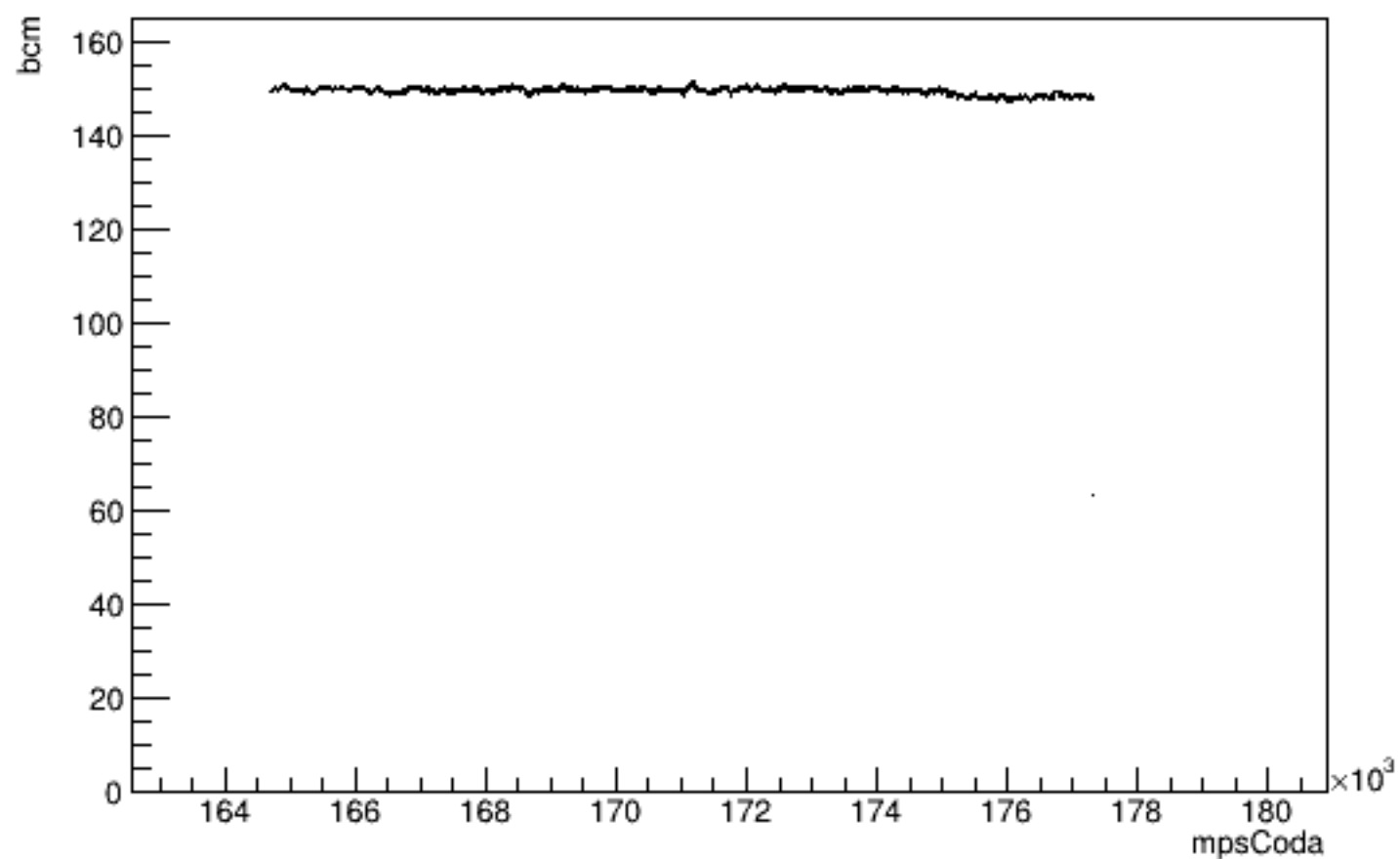
beamState + 1:mpsCoda {mpsCoda>=164700 && mpsCoda<=179083}



cavPowerCalibrated:mpsCoda {mpsCoda>=164700 && mpsCoda<=179083}



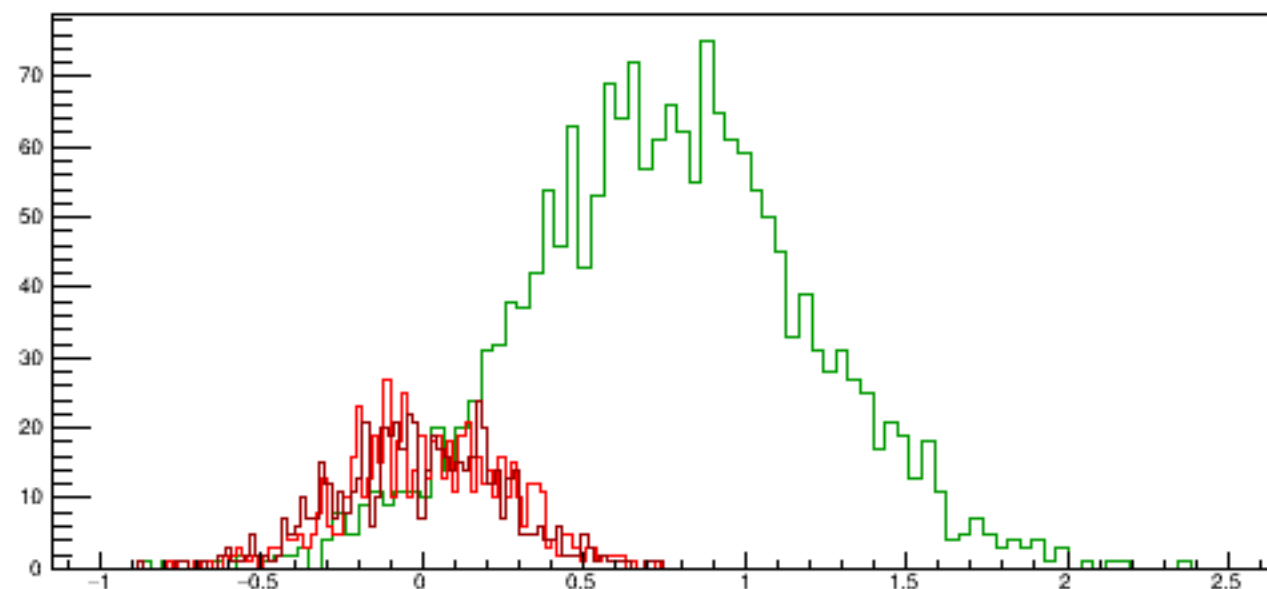
bcm:mpsCoda {mpsCoda>=164700 && mpsCoda<=179083}



Cycle 8, Diffs

Entries: 646	Entries: 1881	Entries: 596
Mean: 0.0121 +/- 0.0100	Mean: 0.7542 +/- 0.0102	Mean: -0.0083 +/- 0.0106
Std Dev: 0.2548 +/- 0.0071	Std Dev: 0.4438 +/- 0.0072	Std Dev: 0.2586 +/- 0.0075

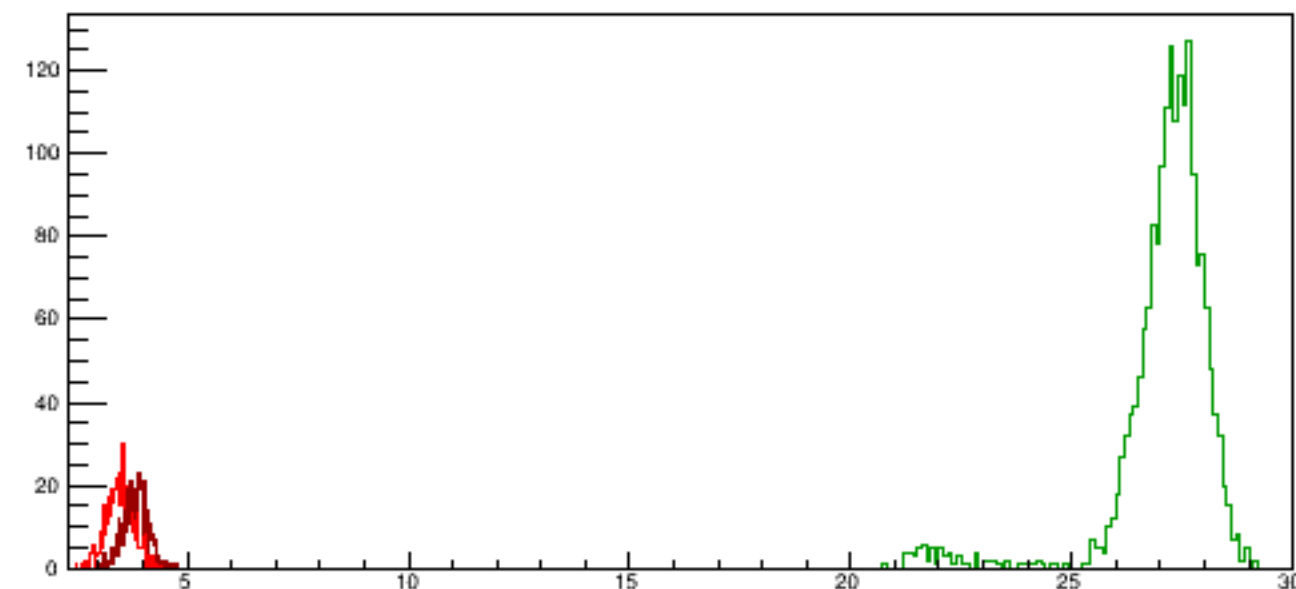
Run 5600 quartetwise, Diffs



Cycle 8, Sums

Entries: 646	Entries: 1881	Entries: 596
Mean: 3.4900 +/- 0.0121	Mean: 27.1212 +/- 0.0264	Mean: 3.8342 +/- 0.0116
Std Dev: 0.3076 +/- 0.0086	Std Dev: 1.1452 +/- 0.0187	Std Dev: 0.2839 +/- 0.0082

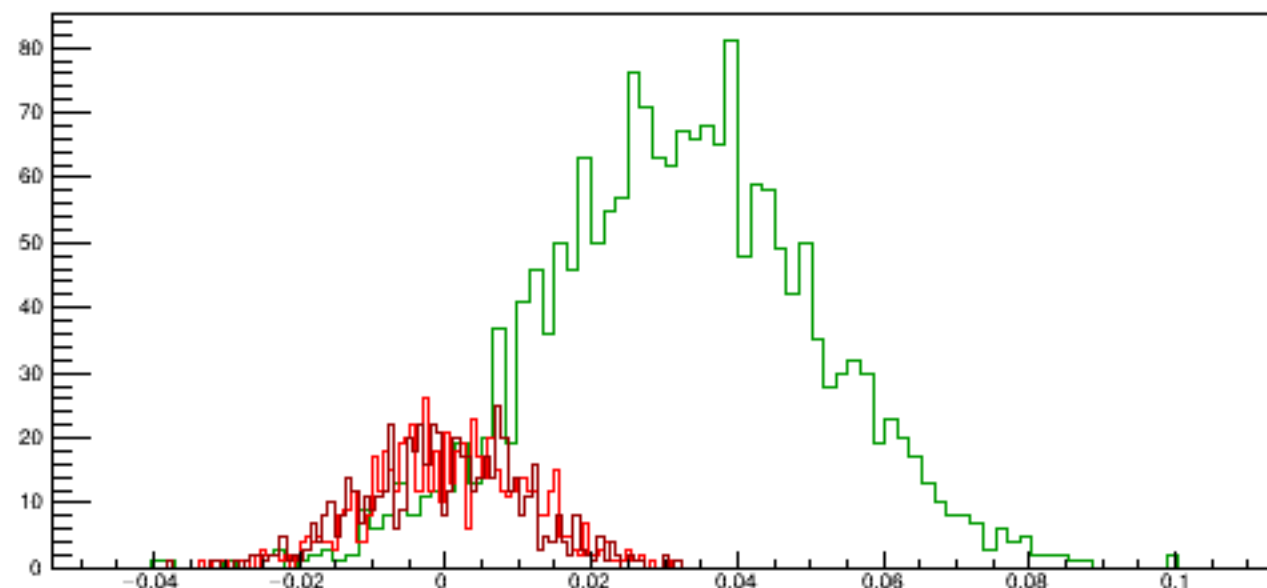
Run 5600 quartetwise, Sums



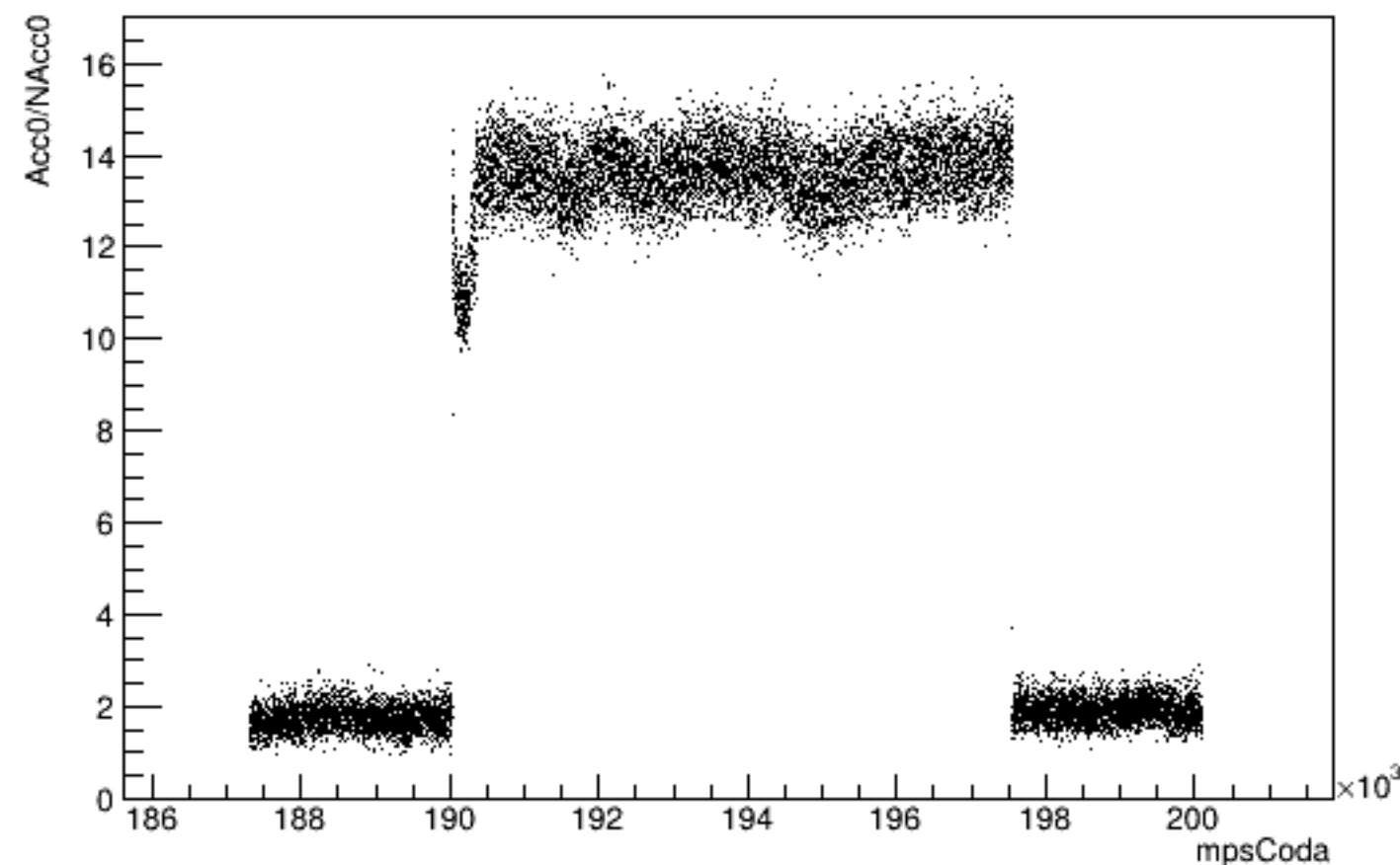
Cycle 8, Asyms

Entries: 646	Entries: 1881	Entries: 596
Mean: 0.0005 +/- 0.0004	Mean: 0.0322 +/- 0.0004	Mean: -0.0004 +/- 0.0005
Std Dev: 0.0109 +/- 0.0003	Std Dev: 0.0189 +/- 0.0003	Std Dev: 0.0110 +/- 0.0003

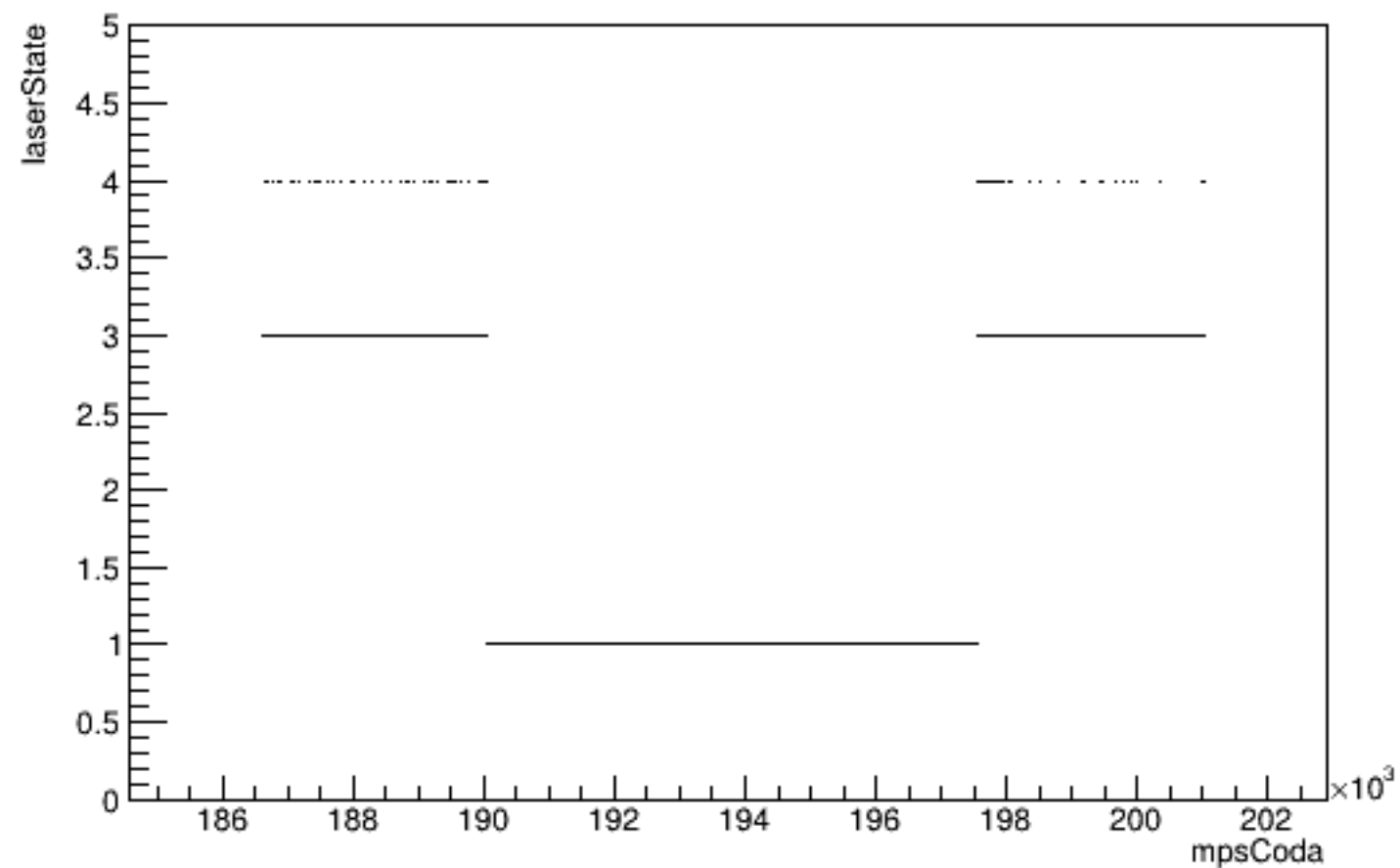
Run 5600 quartetwise, Asyms



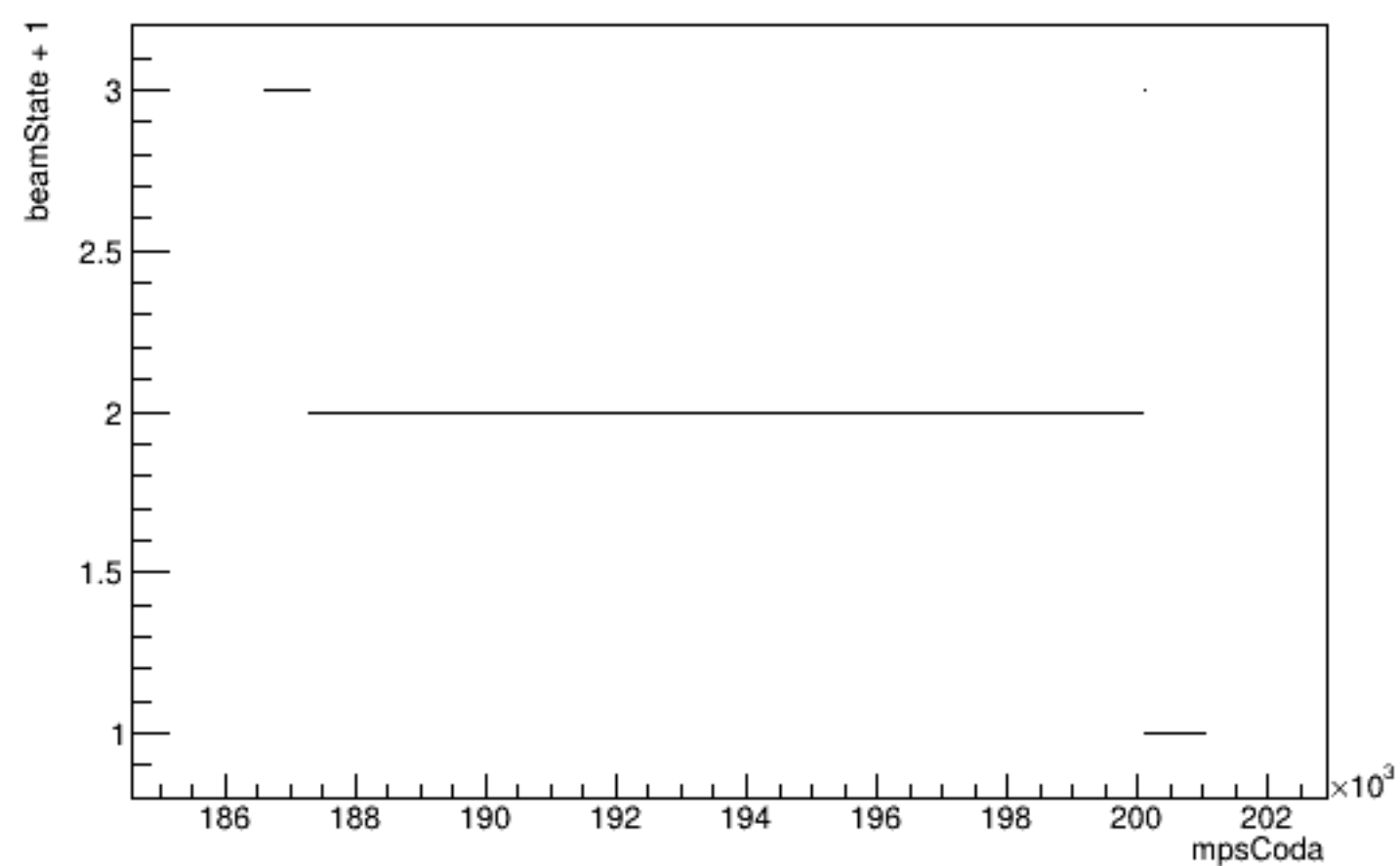
Acc0/NAcc0:mpsCoda (mpsCoda>=186620 && mpsCoda<=201027 && beamState==1)



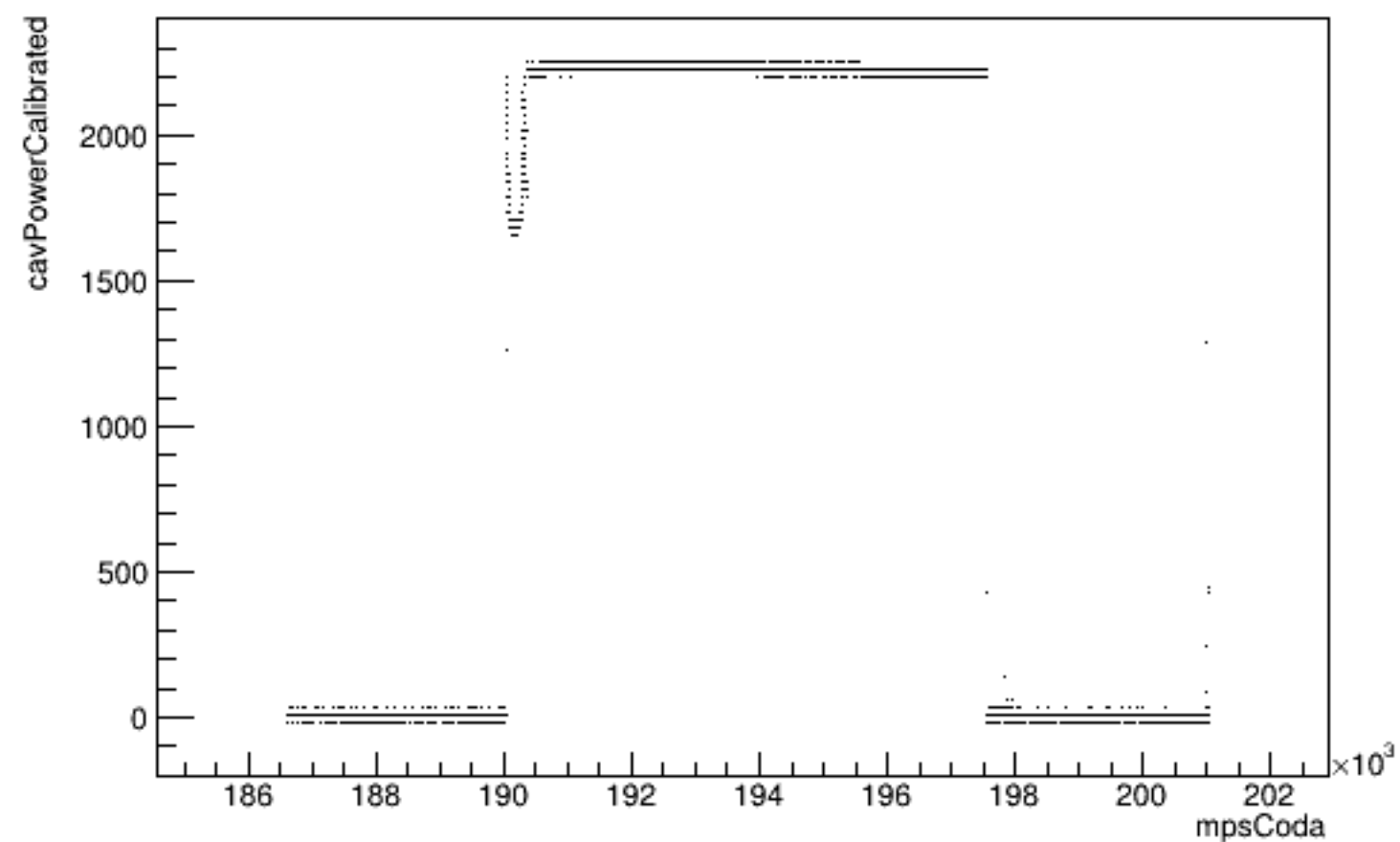
laserState:mpsCoda {mpsCoda>=186620 && mpsCoda<=201027}



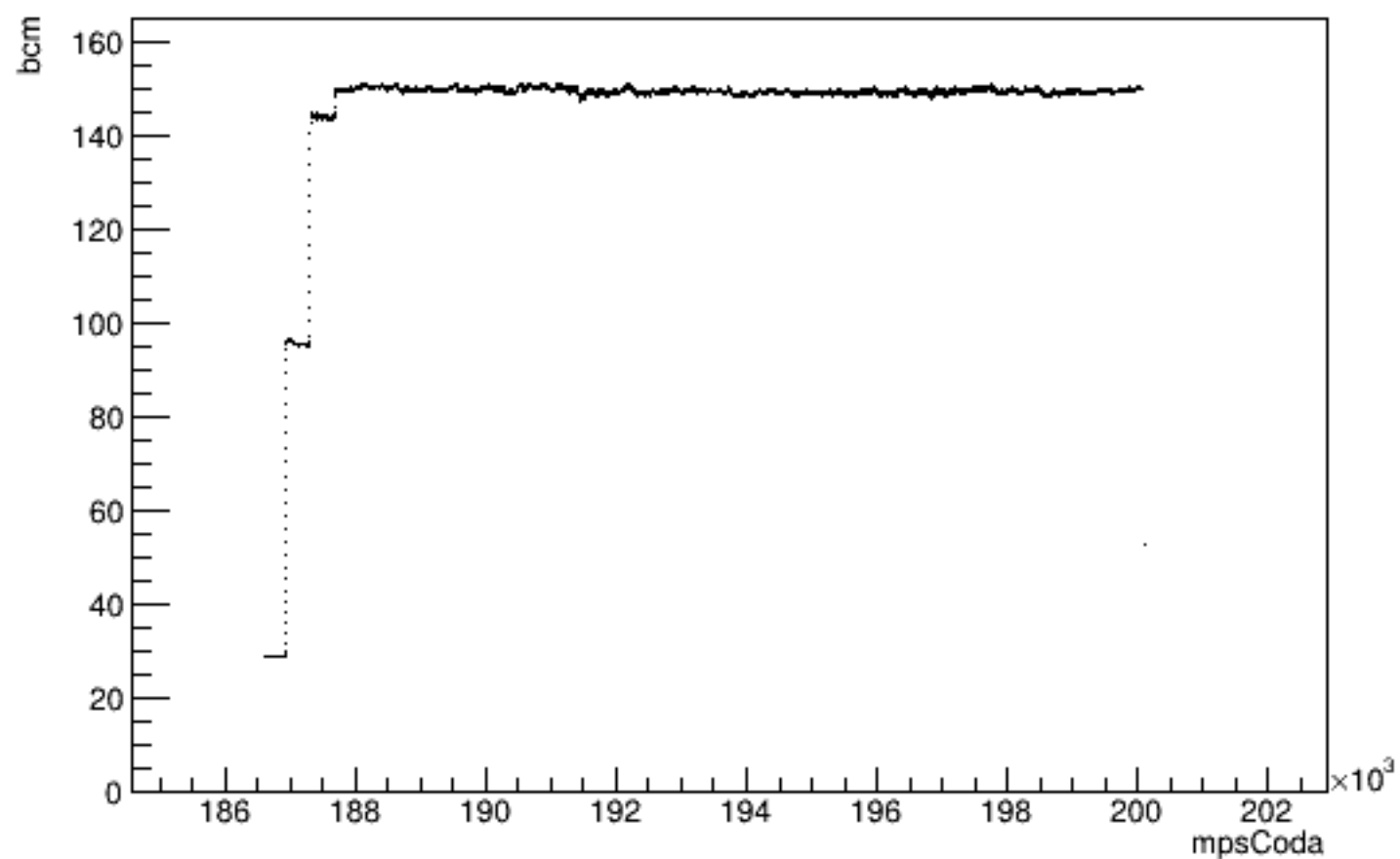
beamState + 1:mpsCoda {mpsCoda>=186620 && mpsCoda<=201027}



cavPowerCalibrated:mpsCoda {mpsCoda>=186620 && mpsCoda<=201027}



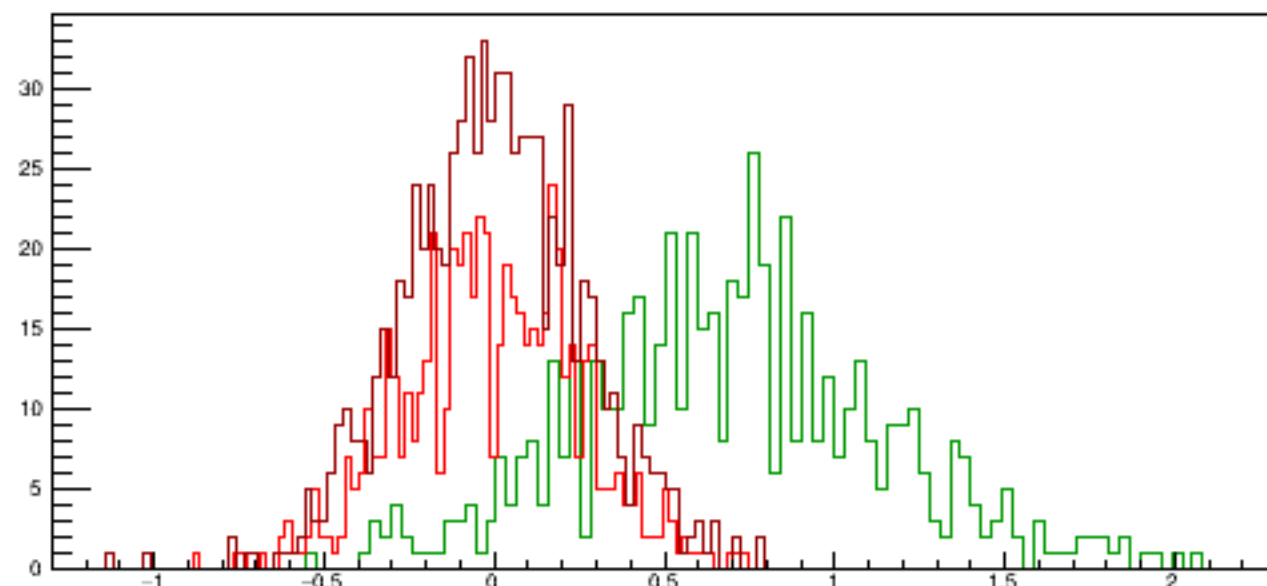
bcm:mpsCoda {mpsCoda>=186620 && mpsCoda<=201027}



Cycle 9, Diffs

Entries: 596	Entries: 559	Entries: 822
Mean: -0.0083 +/- 0.0106	Mean: 0.6974 +/- 0.0191	Mean: -0.0038 +/- 0.0091
Std Dev: 0.2586 +/- 0.0075	Std Dev: 0.4512 +/- 0.0135	Std Dev: 0.2621 +/- 0.0065

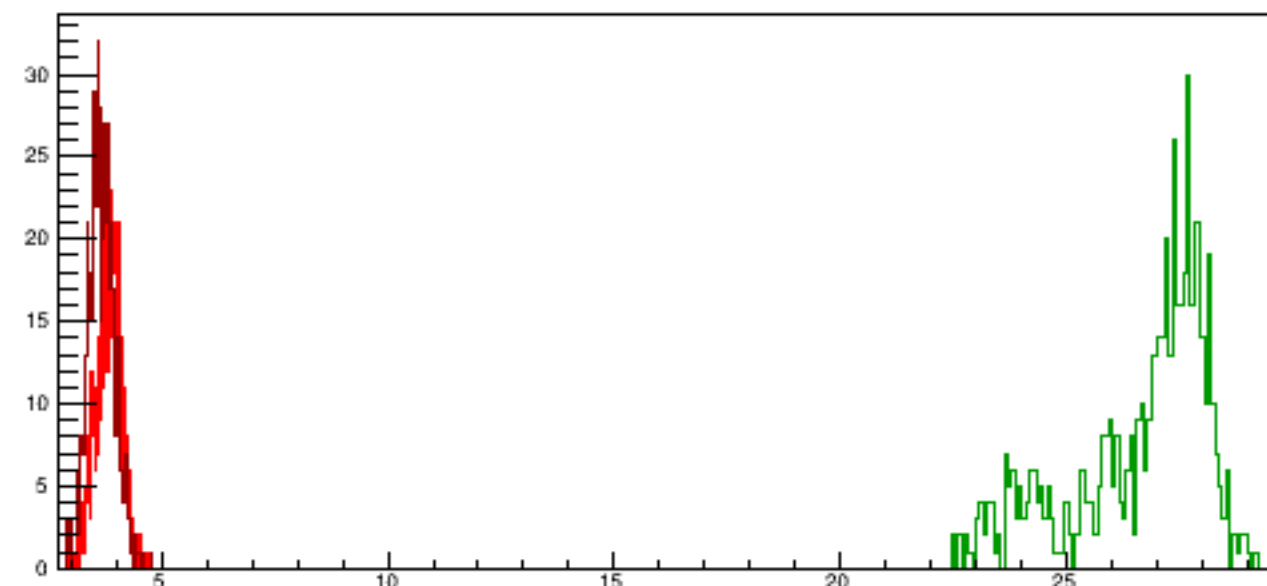
Run 5600 quartetwise, Diffs



Cycle 9, Sums

Entries: 596	Entries: 559	Entries: 822
Mean: 3.8342 +/- 0.0116	Mean: 26.6669 +/- 0.0637	Mean: 3.6602 +/- 0.0102
Std Dev: 0.2839 +/- 0.0082	Std Dev: 1.5055 +/- 0.0450	Std Dev: 0.2937 +/- 0.0072

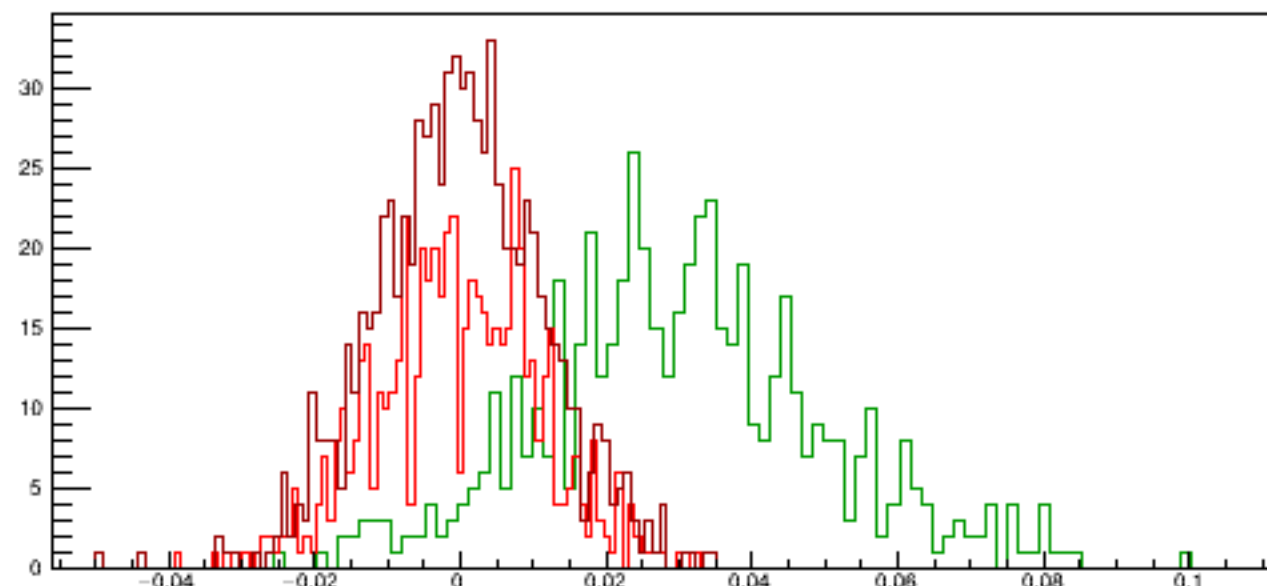
Run 5600 quartetwise, Sums



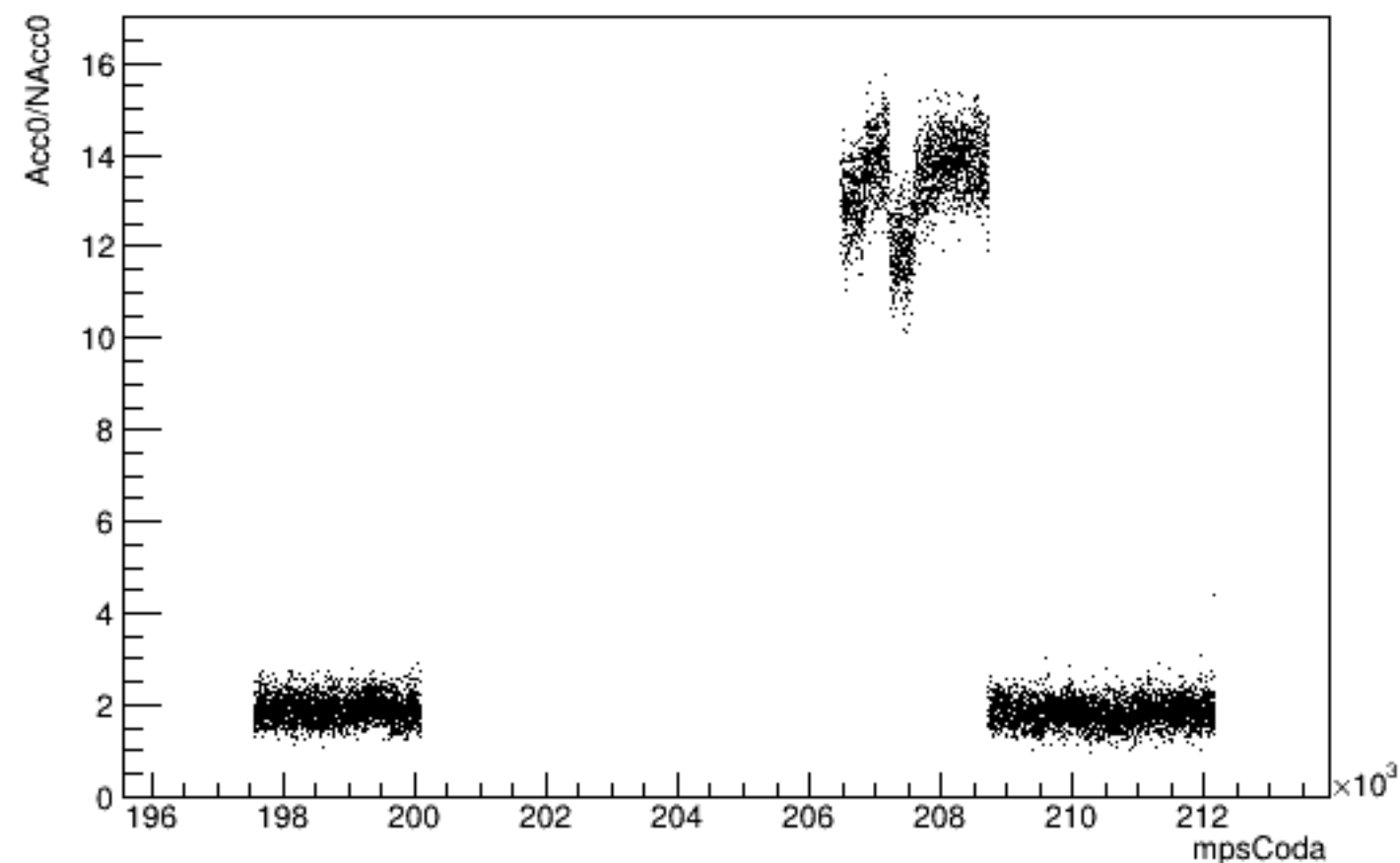
Cycle 9, Asyms

Entries: 596	Entries: 559	Entries: 822
Mean: -0.0004 +/- 0.0005	Mean: 0.0304 +/- 0.0008	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0198 +/- 0.0006	Std Dev: 0.0114 +/- 0.0003

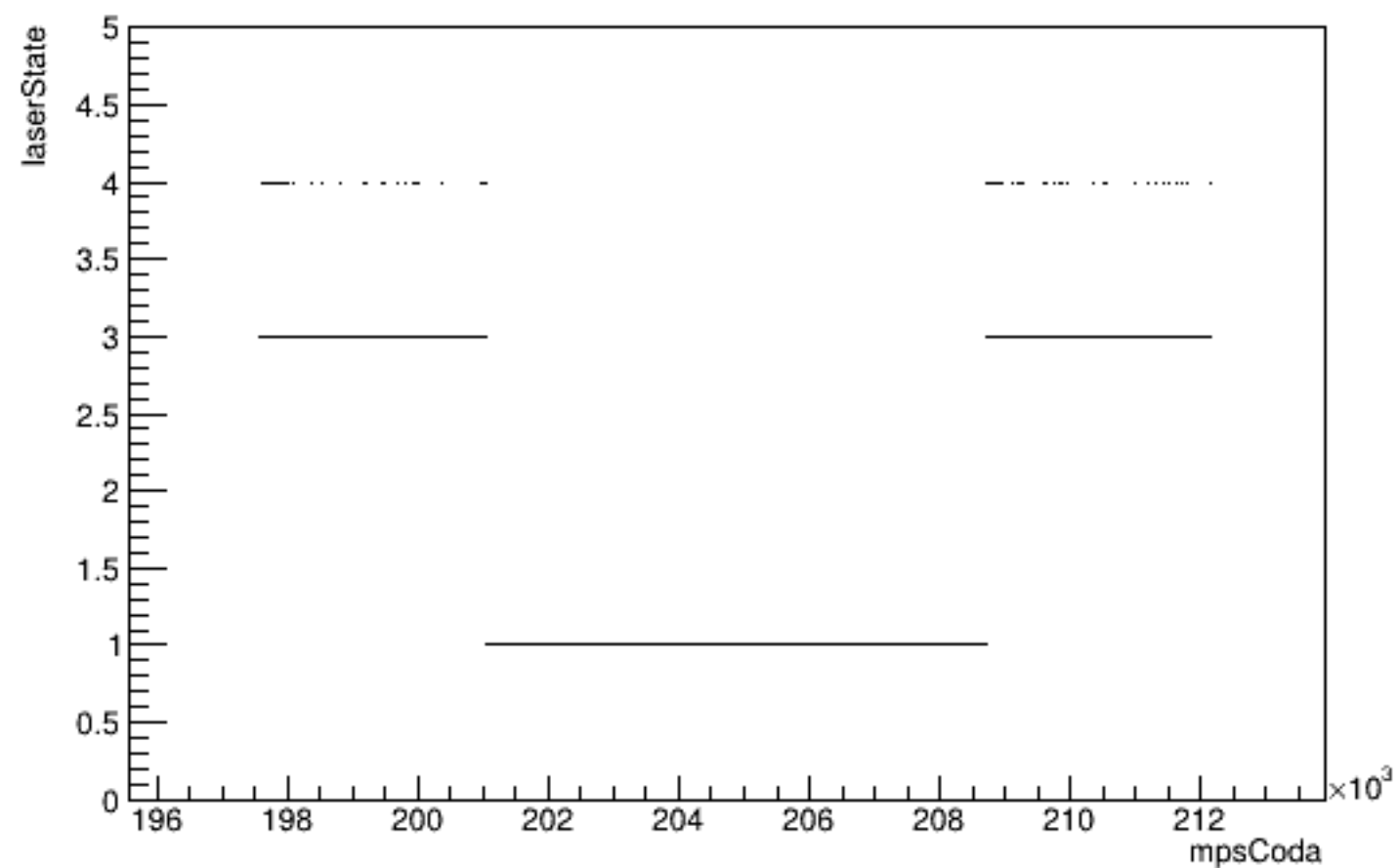
Run 5600 quartetwise, Asyms



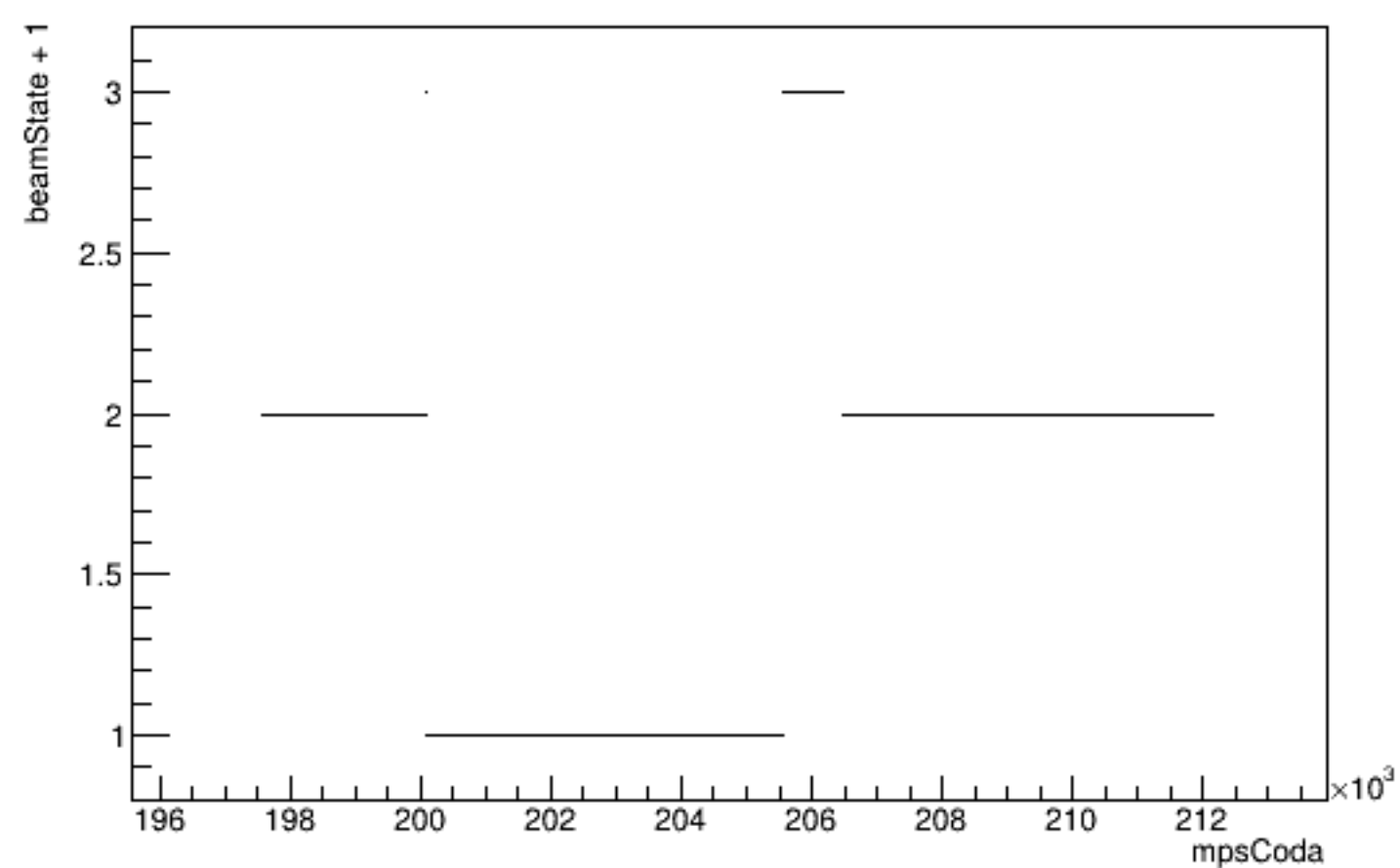
Acc0/NAcc0:mpsCoda (mpsCoda>=197556 && mpsCoda<=212167 && beamState==1)



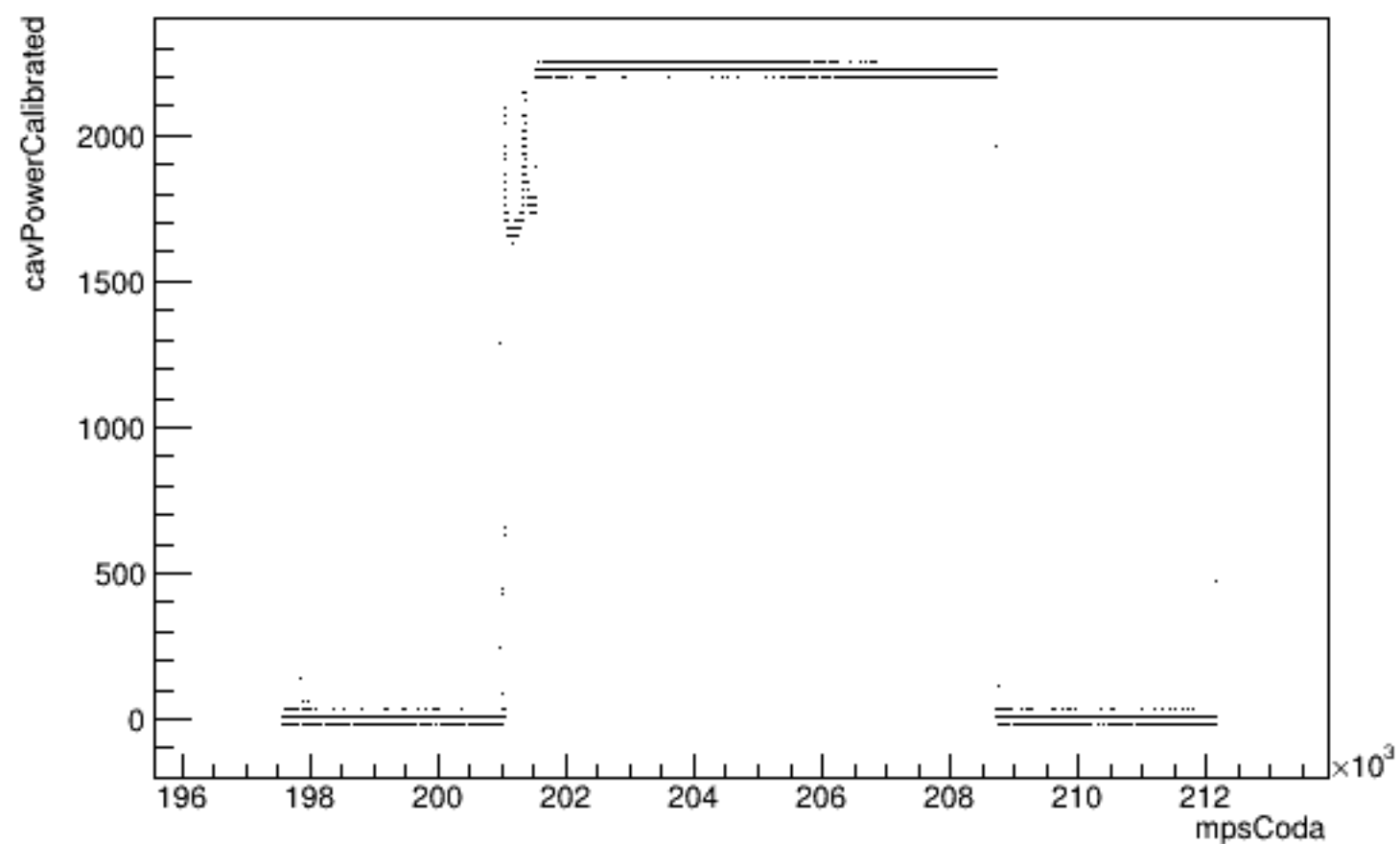
laserState:mpsCoda {mpsCoda>=197556 && mpsCoda<=212167}



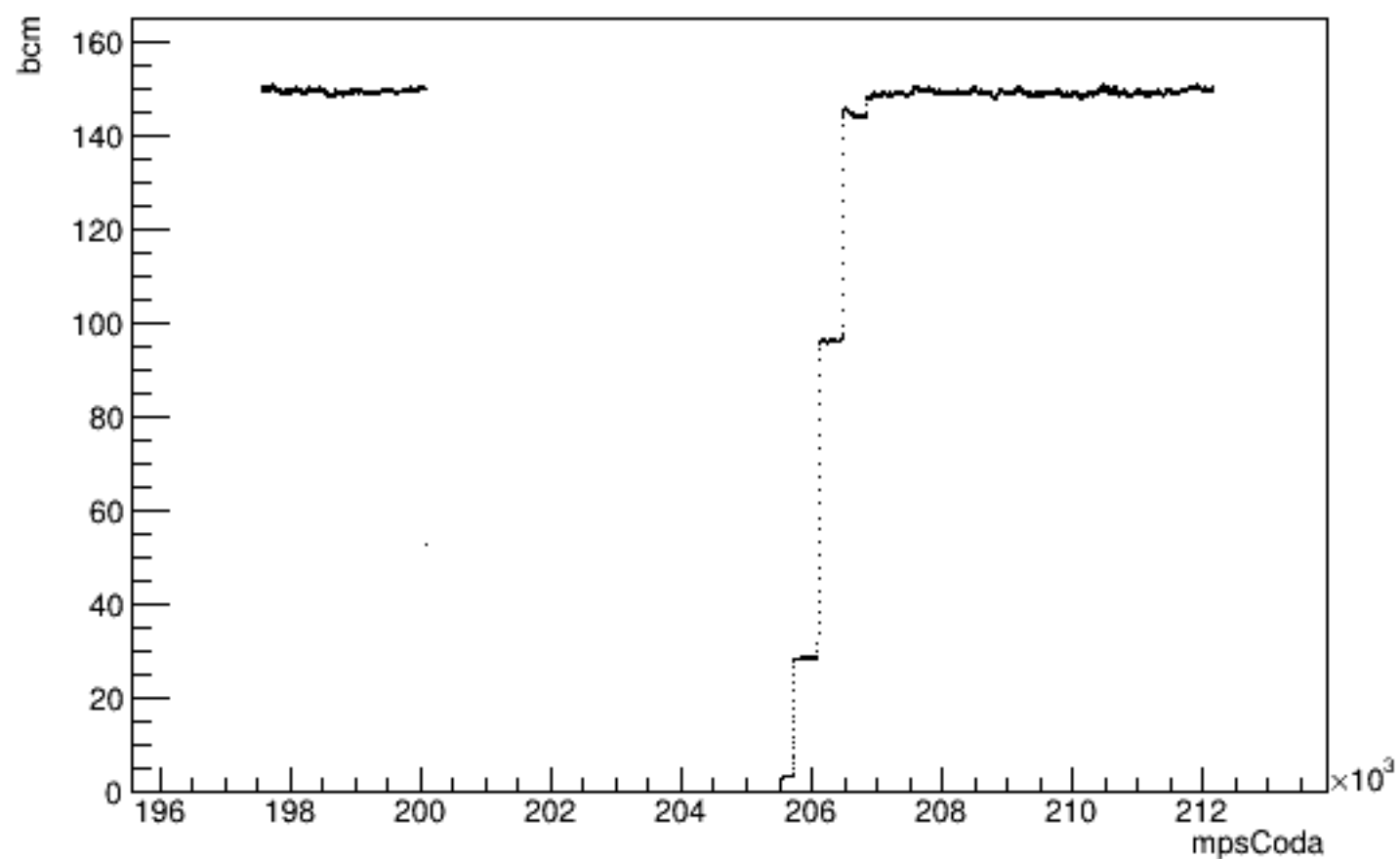
beamState + 1:mpsCoda {mpsCoda>=197556 && mpsCoda<=212167}



cavPowerCalibrated:mpsCoda {mpsCoda>=197556 && mpsCoda<=212167}



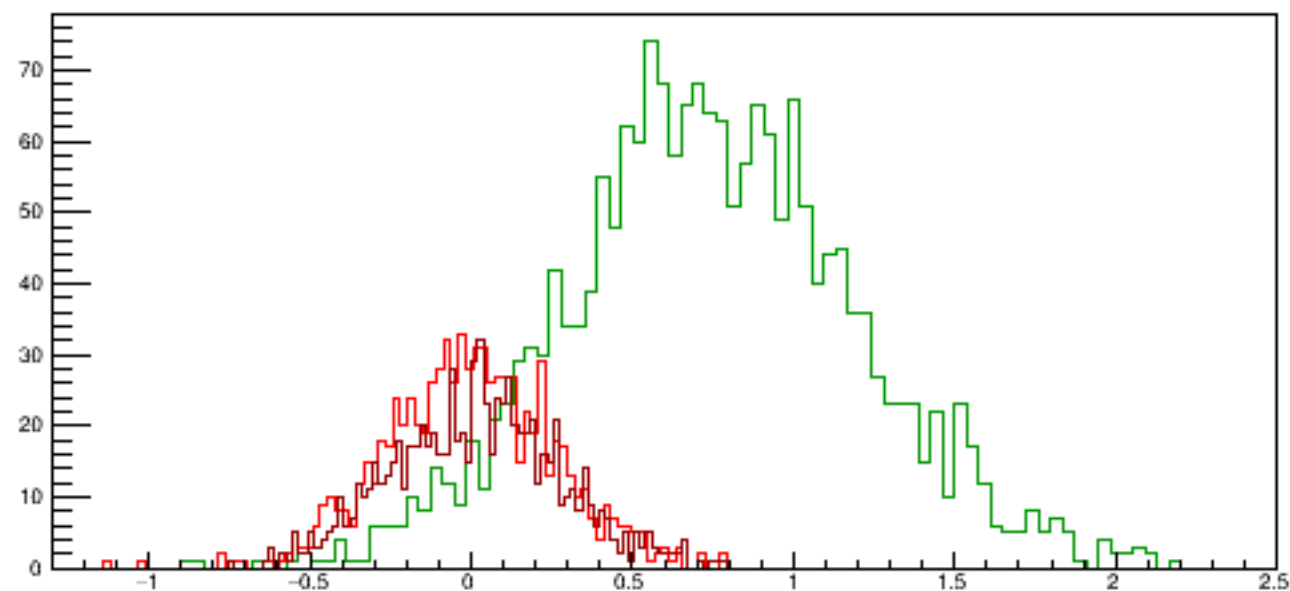
bcm:mpsCoda {mpsCoda>=197556 && mpsCoda<=212167}



Cycle 10, Diffs

Entries: 822	Entries: 1934	Entries: 825
Mean: -0.0038 +/- 0.0091	Mean: 0.7450 +/- 0.0103	Mean: 0.0146 +/- 0.0091
Std Dev: 0.2621 +/- 0.0065	Std Dev: 0.4511 +/- 0.0073	Std Dev: 0.2614 +/- 0.0064

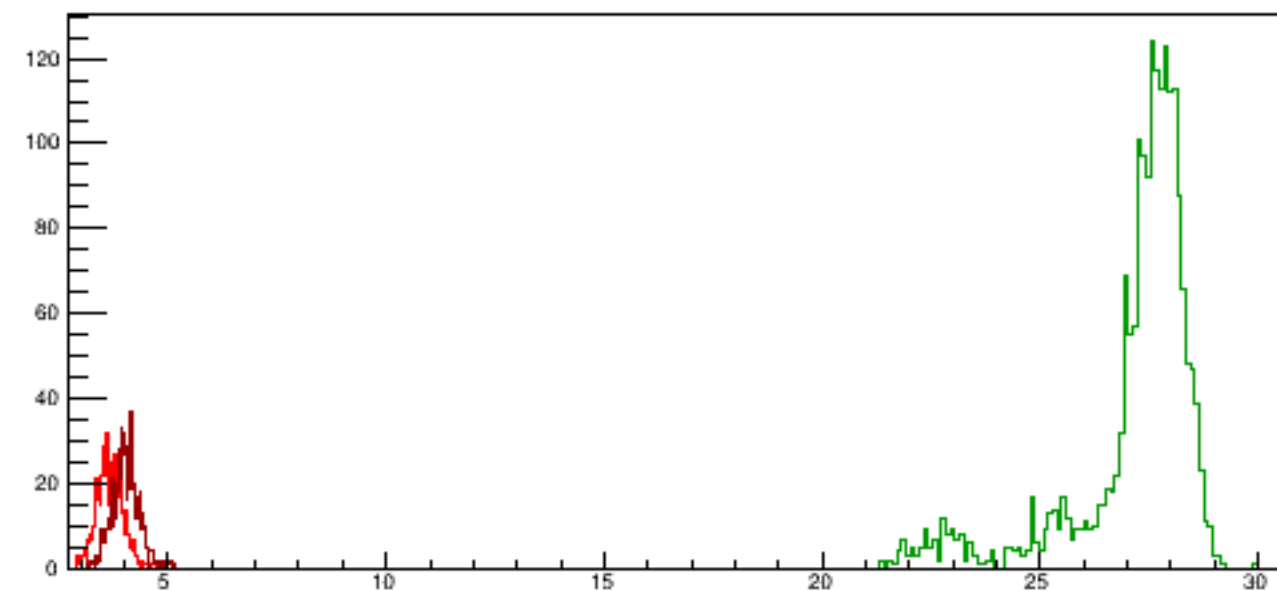
Run 5600 quartetwise, Diffs



Cycle 10, Sums

Entries: 822	Entries: 1934	Entries: 825
Mean: 3.6602 +/- 0.0102	Mean: 27.1836 +/- 0.0326	Mean: 4.0162 +/- 0.0107
Std Dev: 0.2937 +/- 0.0072	Std Dev: 1.4355 +/- 0.0231	Std Dev: 0.3061 +/- 0.0075

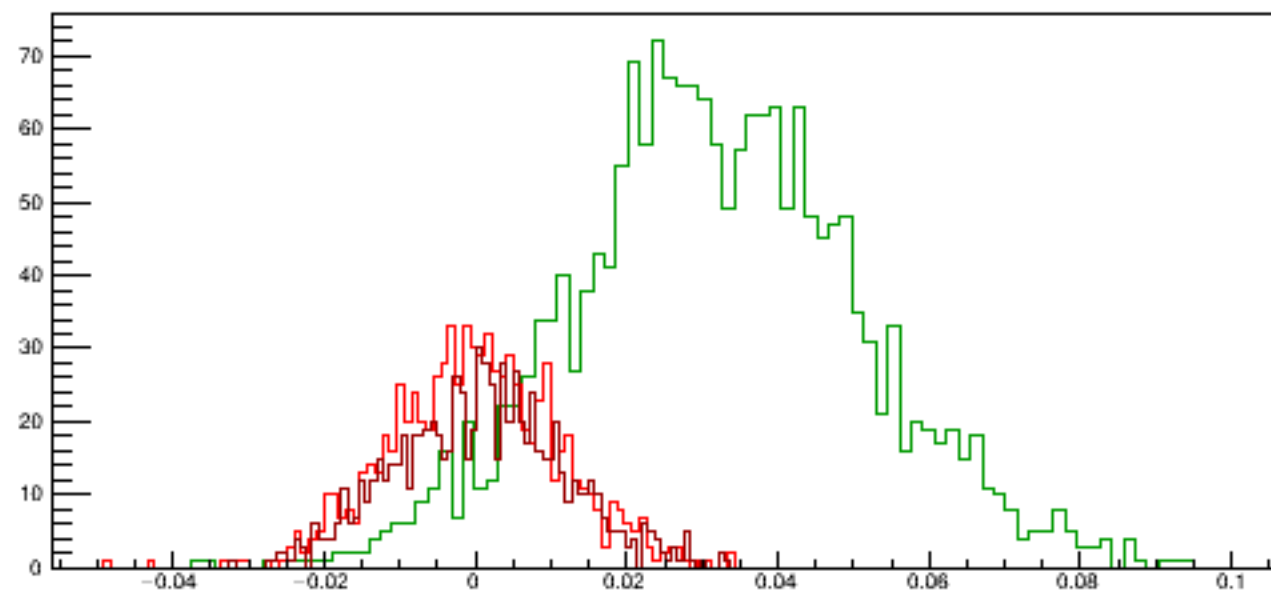
Run 5600 quartetwise, Sums



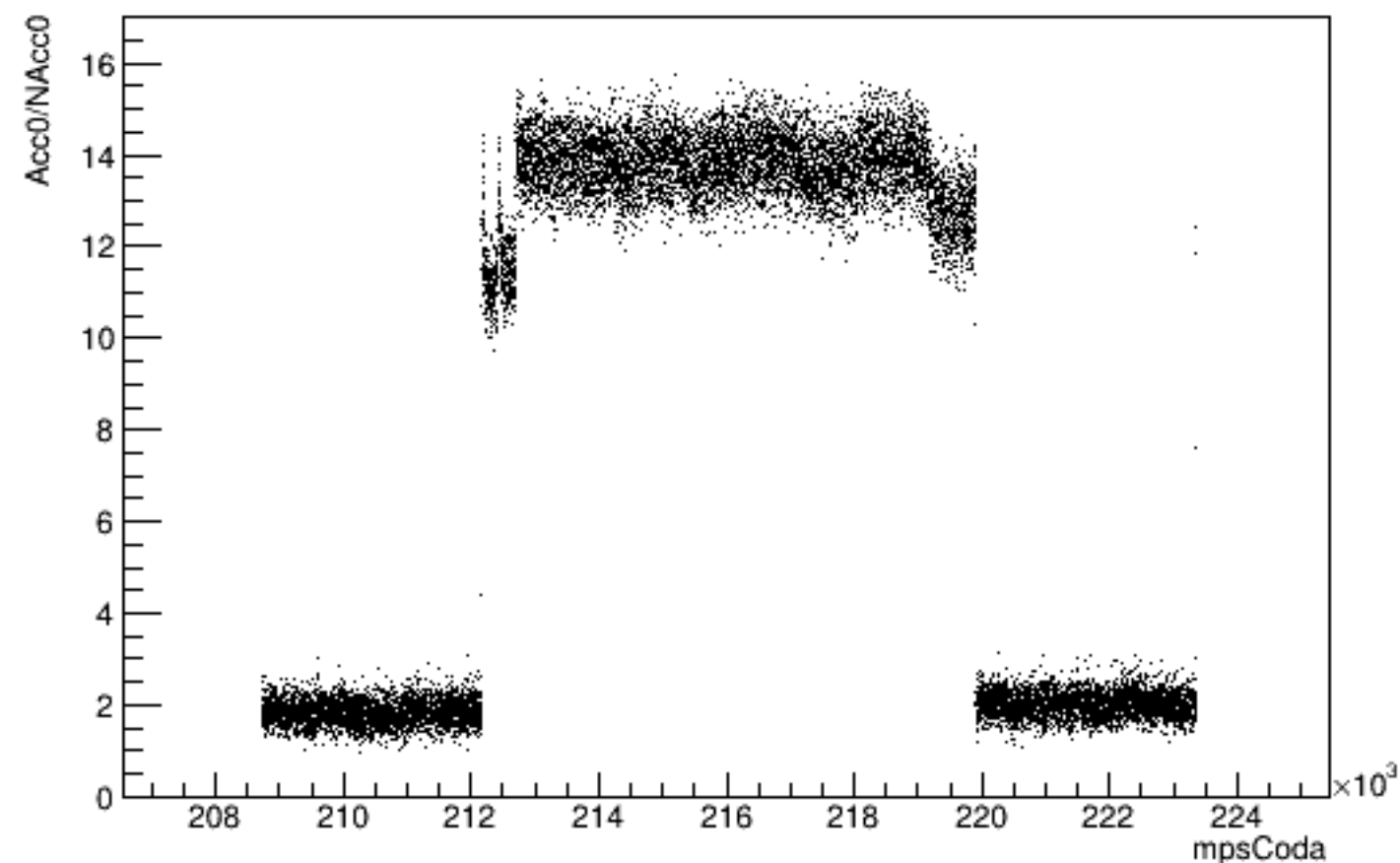
Cycle 10, Asyms

Entries: 822	Entries: 1934	Entries: 825
Mean: -0.0002 +/- 0.0004	Mean: 0.0319 +/- 0.0004	Mean: 0.0006 +/- 0.0004
Std Dev: 0.0112 +/- 0.0003	Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0112 +/- 0.0003

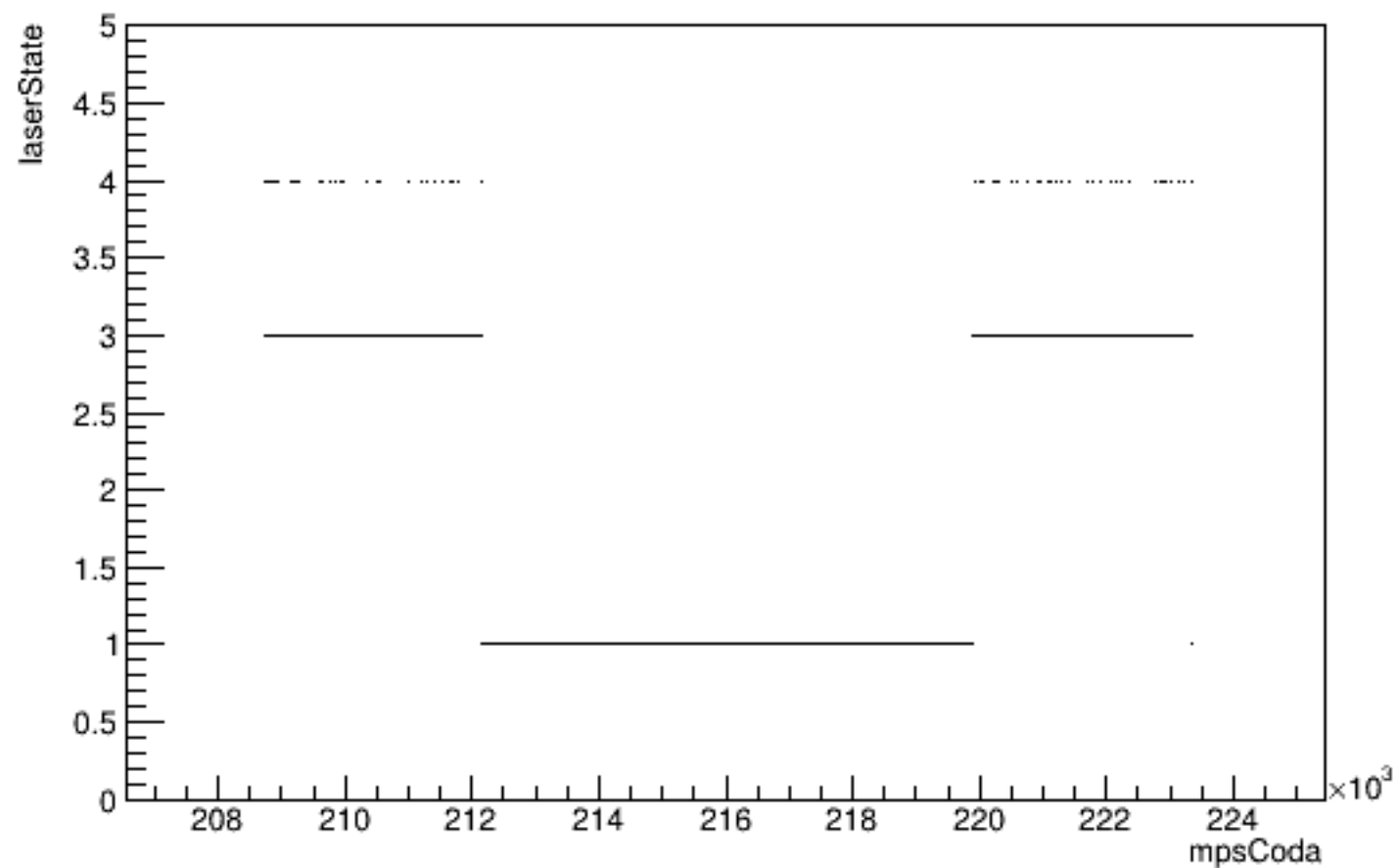
Run 5600 quartetwise, Asyms



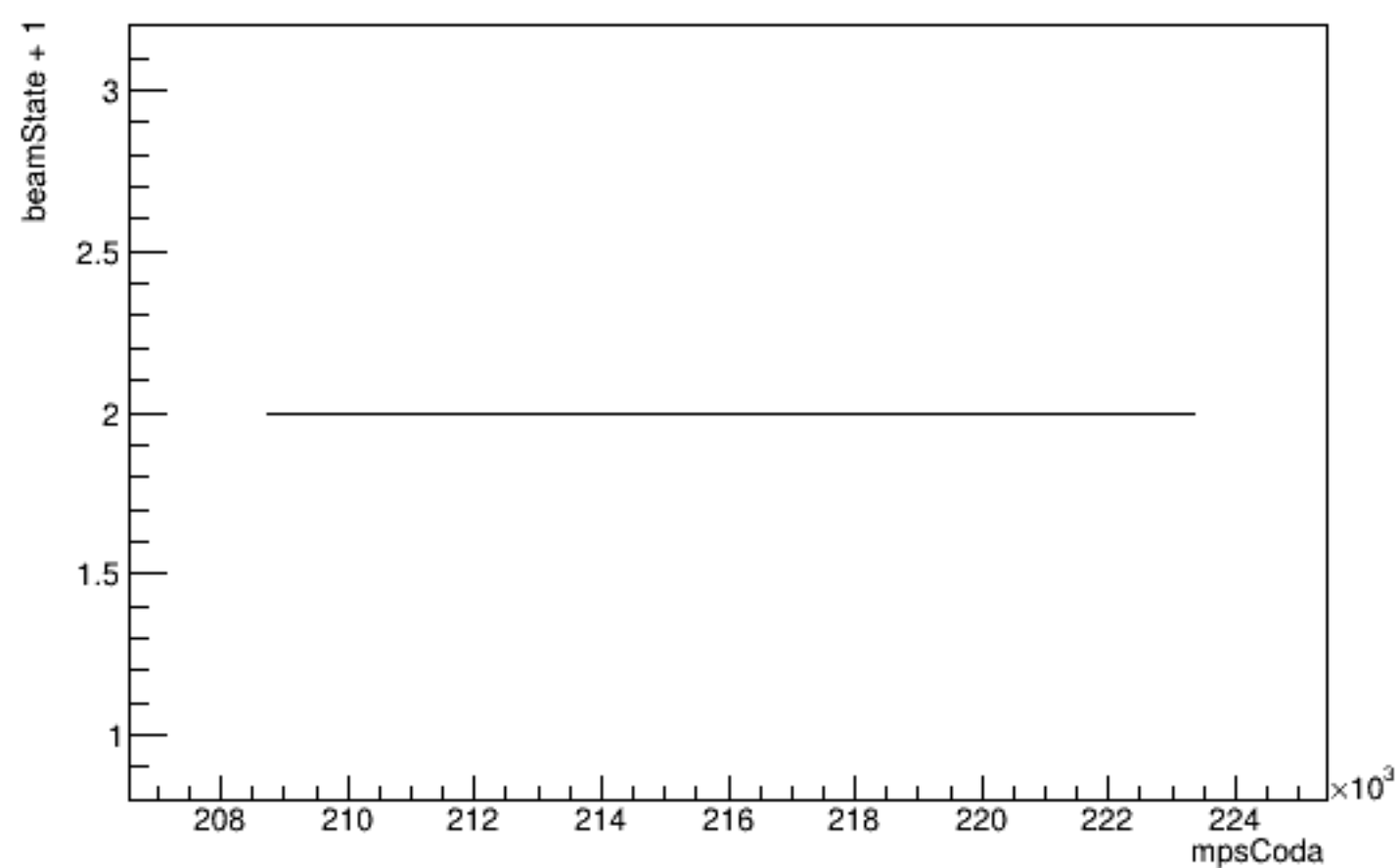
Acc0/NAcc0:mpsCoda (mpsCoda>=208736 && mpsCoda<=223355 && beamState==1)



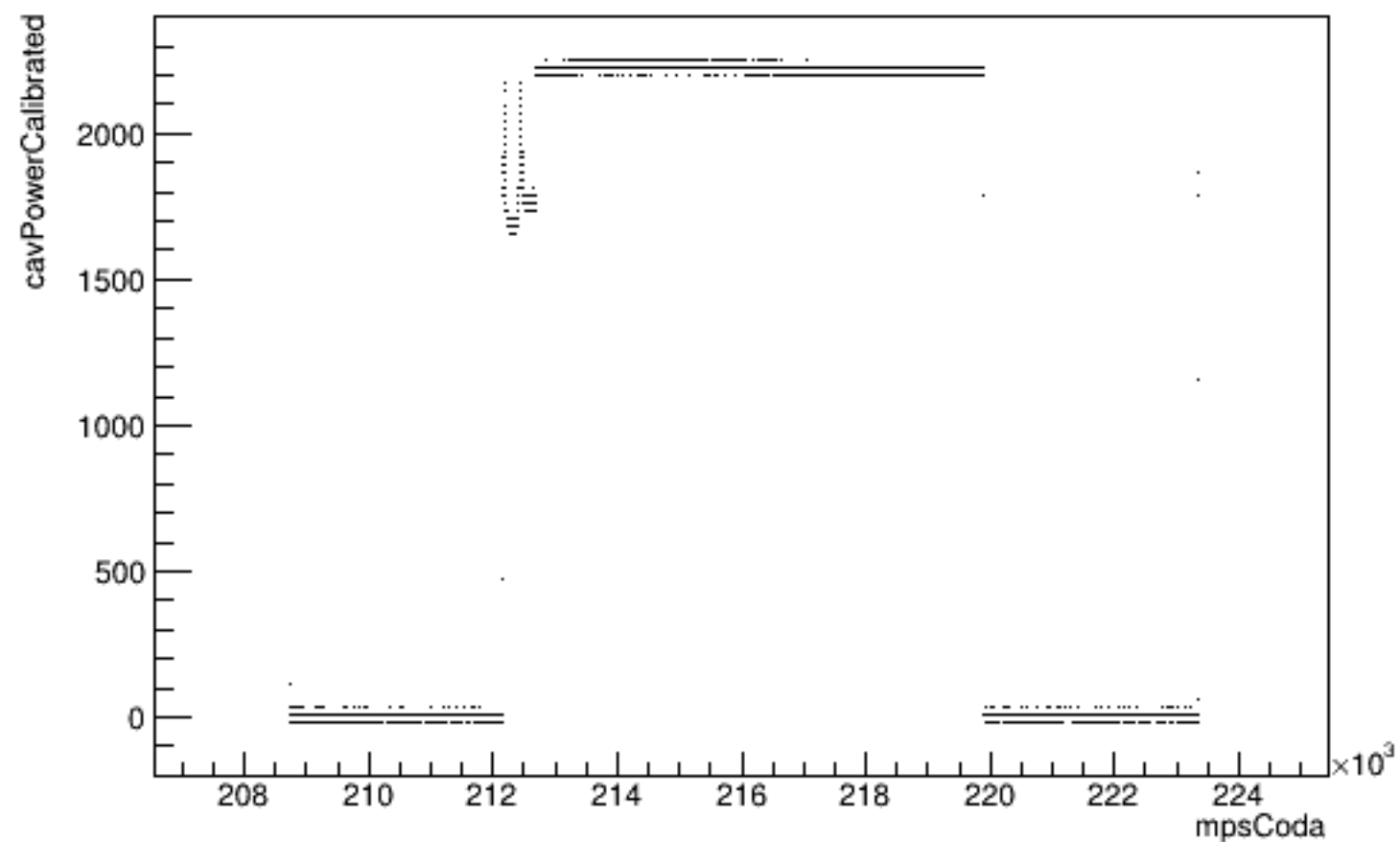
laserState:mpsCoda {mpsCoda>=208736 && mpsCoda<=223355}



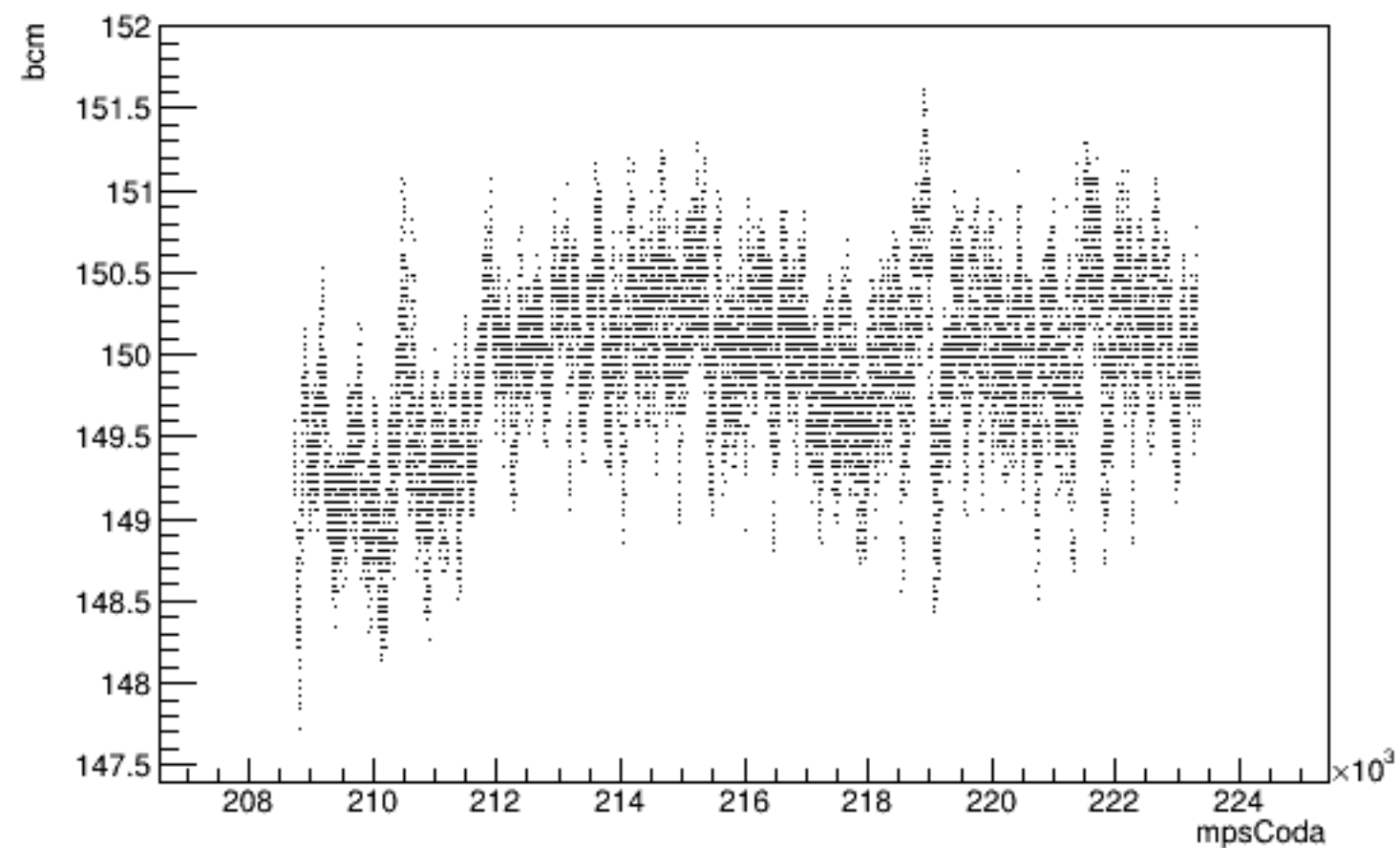
beamState + 1:mpsCoda {mpsCoda>=208736 && mpsCoda<=223355}



cavPowerCalibrated:mpsCoda {mpsCoda>=208736 && mpsCoda<=223355}



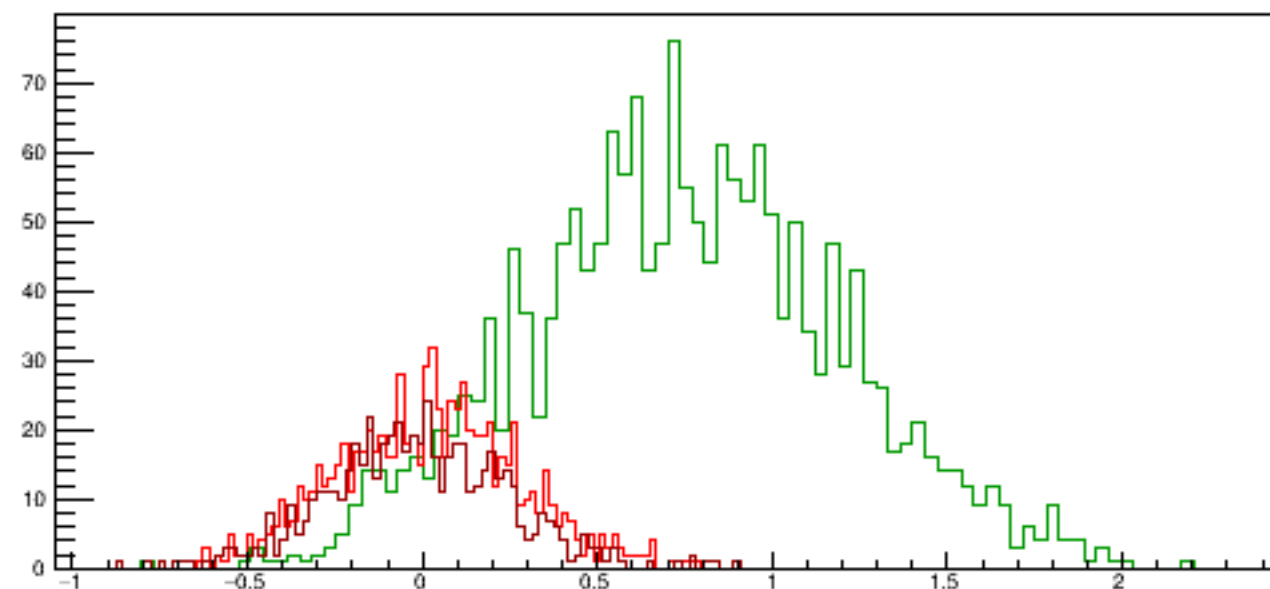
bcm:mpsCoda {mpsCoda>=208736 && mpsCoda<=223355}



Cycle 11, Diffs

Entries: 825	Entries: 1871	Entries: 569
Mean: 0.0146 +/- 0.0091	Mean: 0.7408 +/- 0.0105	Mean: -0.0154 +/- 0.0109
Std Dev: 0.2614 +/- 0.0064	Std Dev: 0.4521 +/- 0.0074	Std Dev: 0.2609 +/- 0.0077

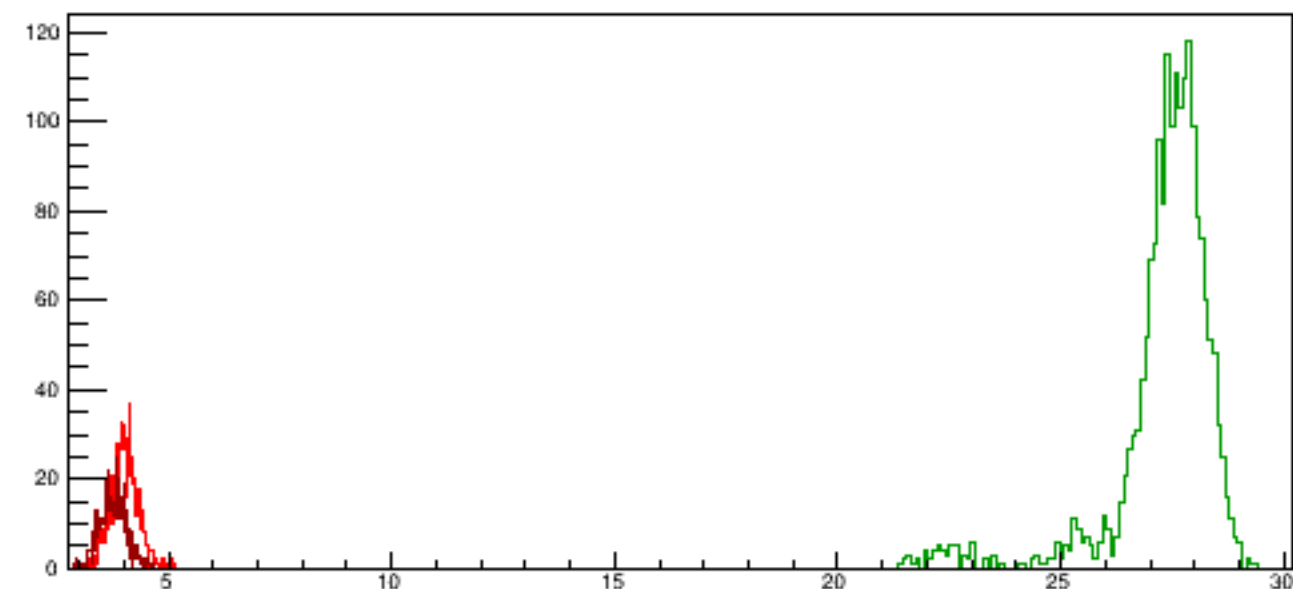
Run 5600 quartetwise, Diffs



Cycle 11, Sums

Entries: 825	Entries: 1871	Entries: 569
Mean: 4.0162 +/- 0.0107	Mean: 27.3398 +/- 0.0265	Mean: 3.7648 +/- 0.0120
Std Dev: 0.3061 +/- 0.0075	Std Dev: 1.1465 +/- 0.0187	Std Dev: 0.2869 +/- 0.0085

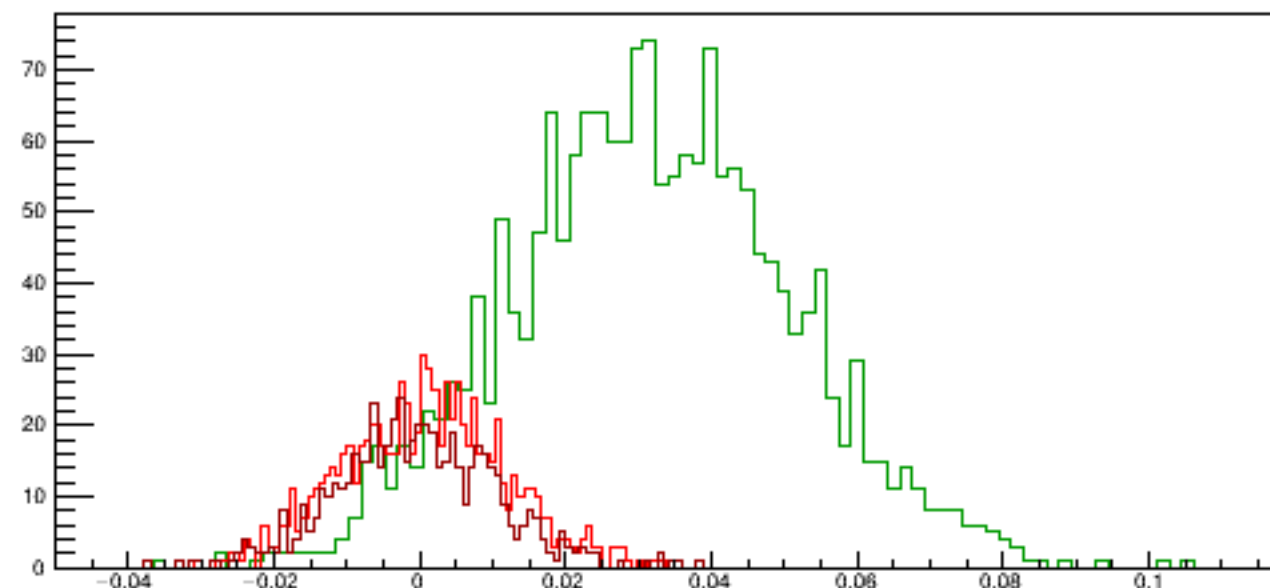
Run 5600 quartetwise, Sums



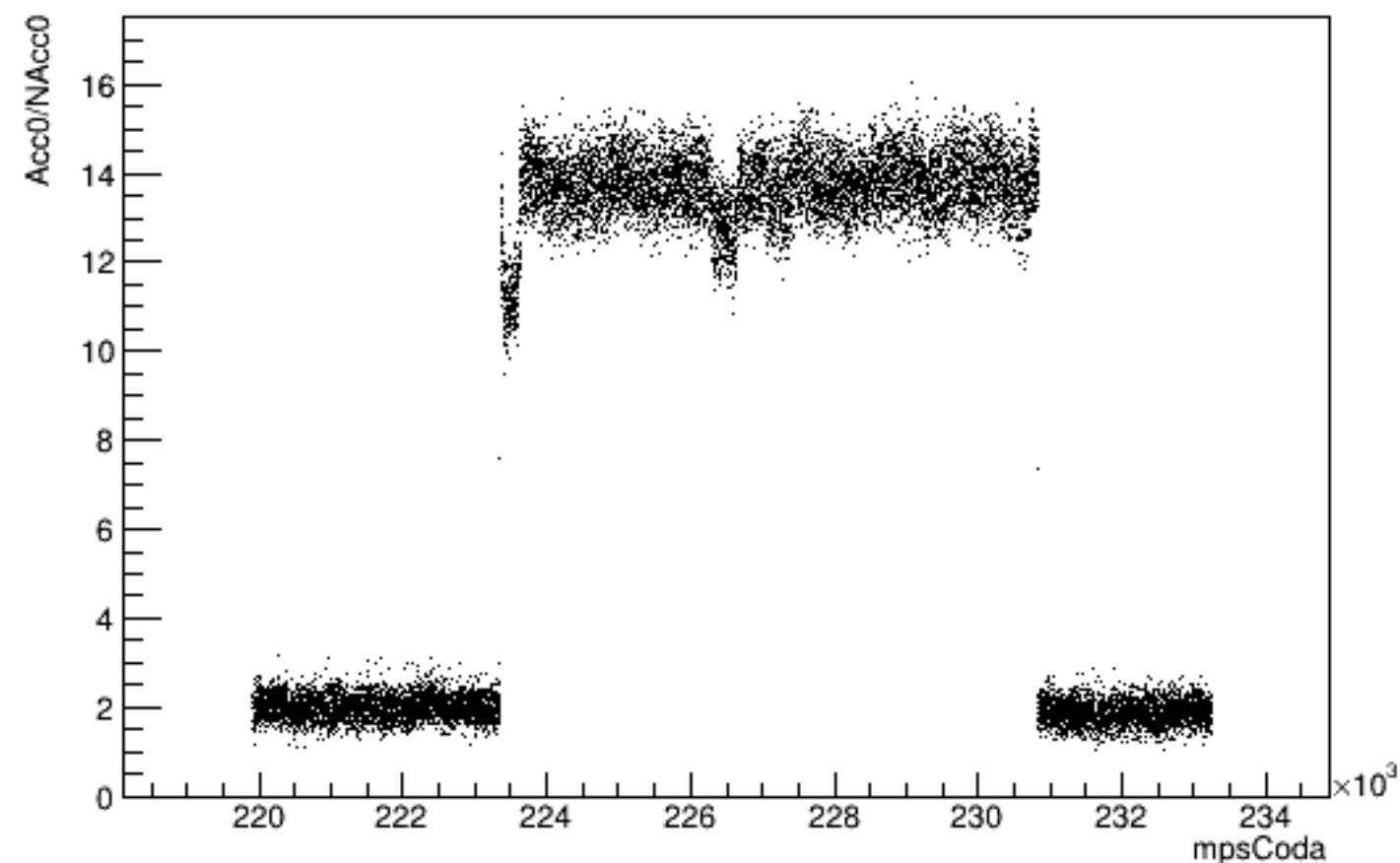
Cycle 11, Asyms

Entries: 825	Entries: 1871	Entries: 569
Mean: 0.0006 +/- 0.0004	Mean: 0.0316 +/- 0.0004	Mean: -0.0007 +/- 0.0005
Std Dev: 0.0111 +/- 0.0003	Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0111 +/- 0.0003

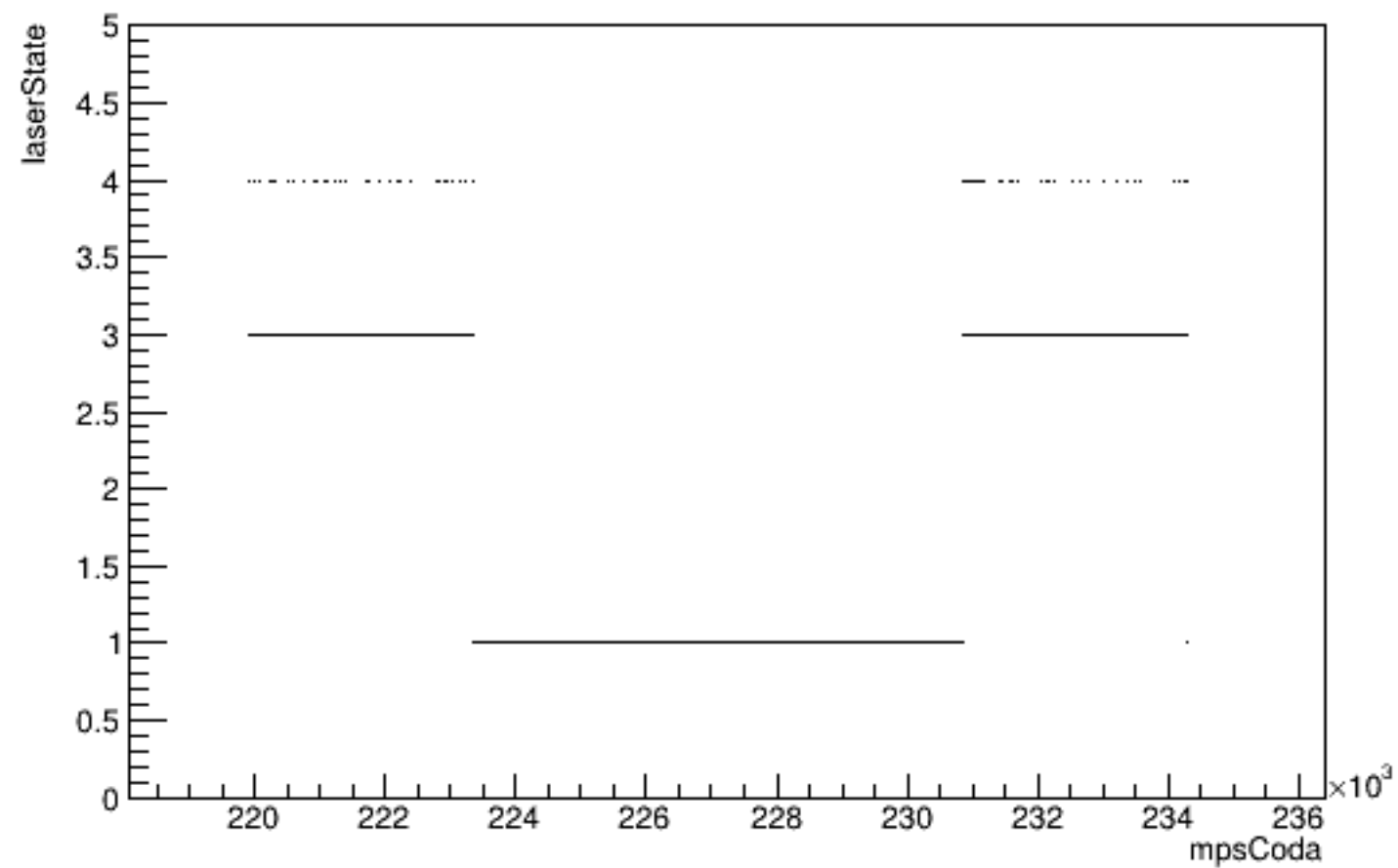
Run 5600 quartetwise, Asyms



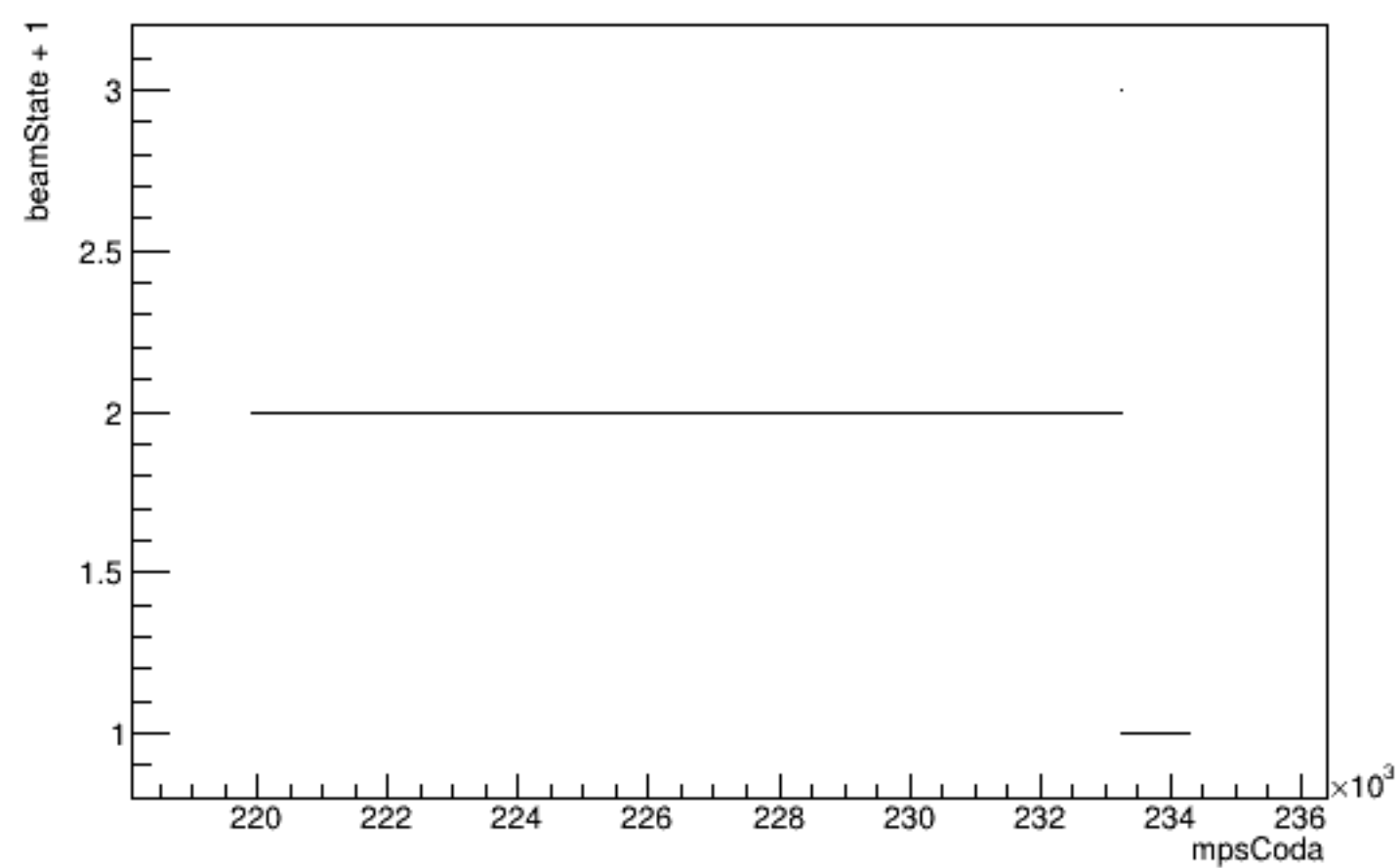
Acc0/NAcc0:mpsCoda (mpsCoda>=219908 && mpsCoda<=234307 && beamState==1)



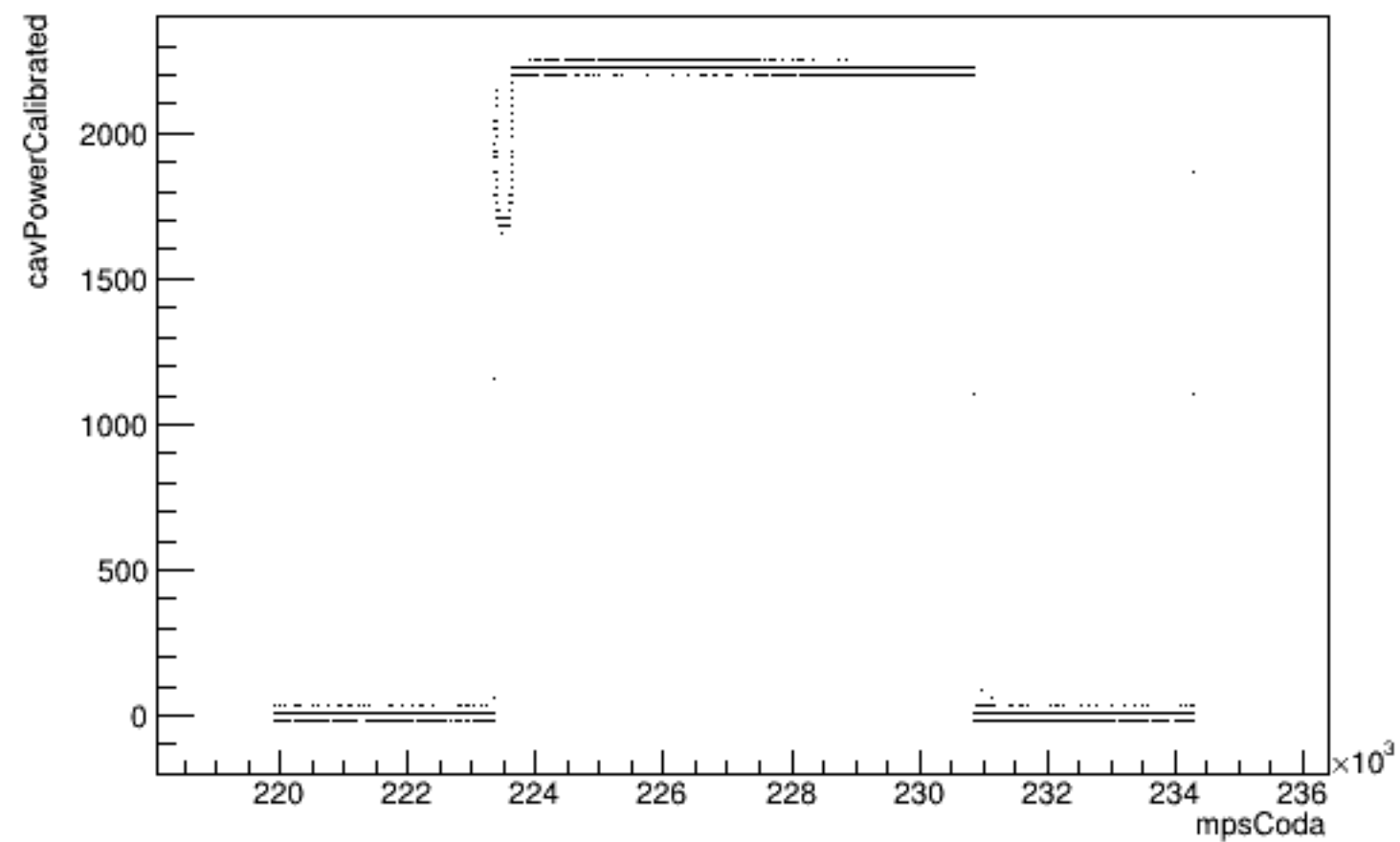
laserState:mpsCoda {mpsCoda>=219908 && mpsCoda<=234307}



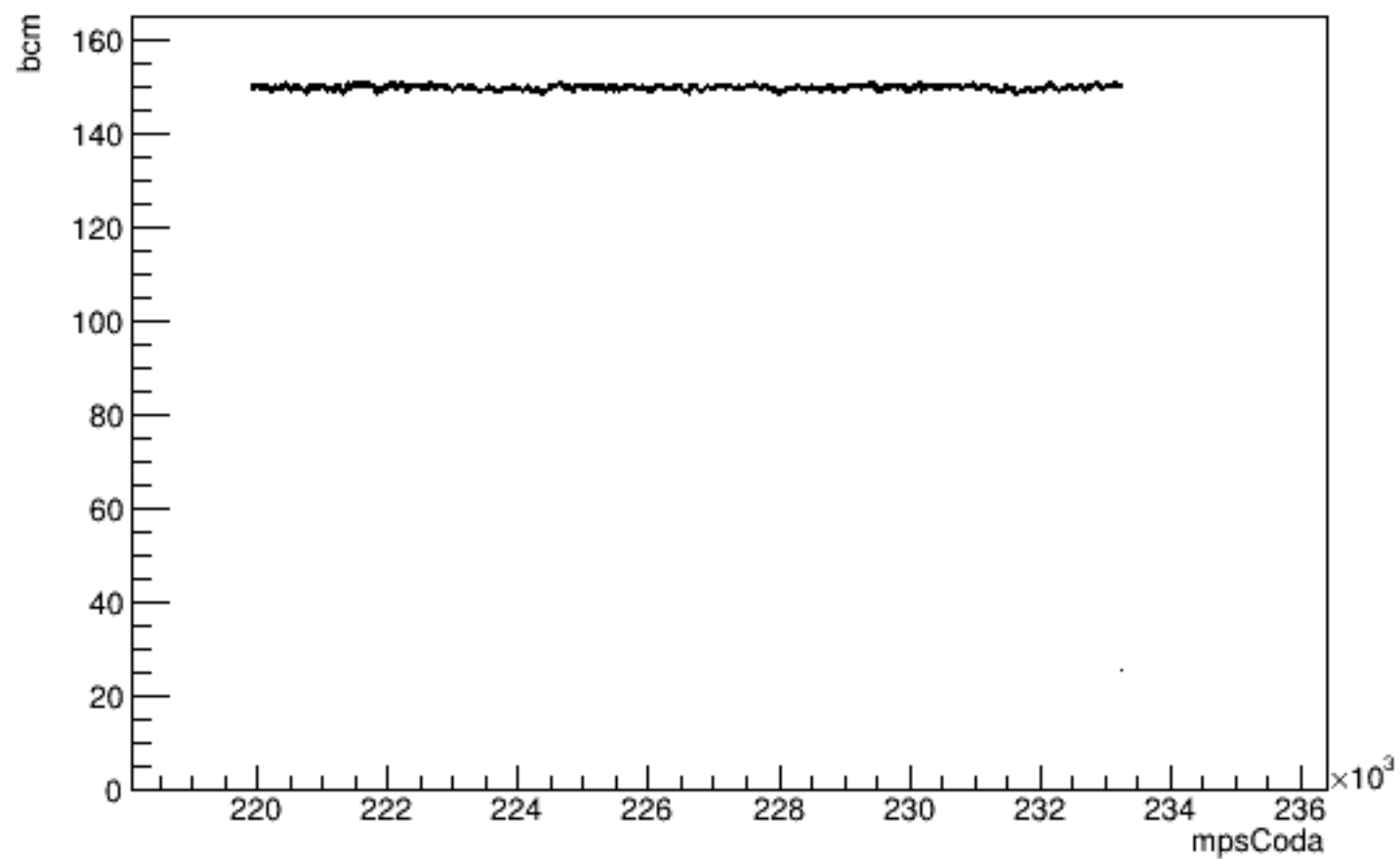
beamState + 1:mpsCoda {mpsCoda>=219908 && mpsCoda<=234307}



cavPowerCalibrated:mpsCoda {mpsCoda>=219908 && mpsCoda<=234307}



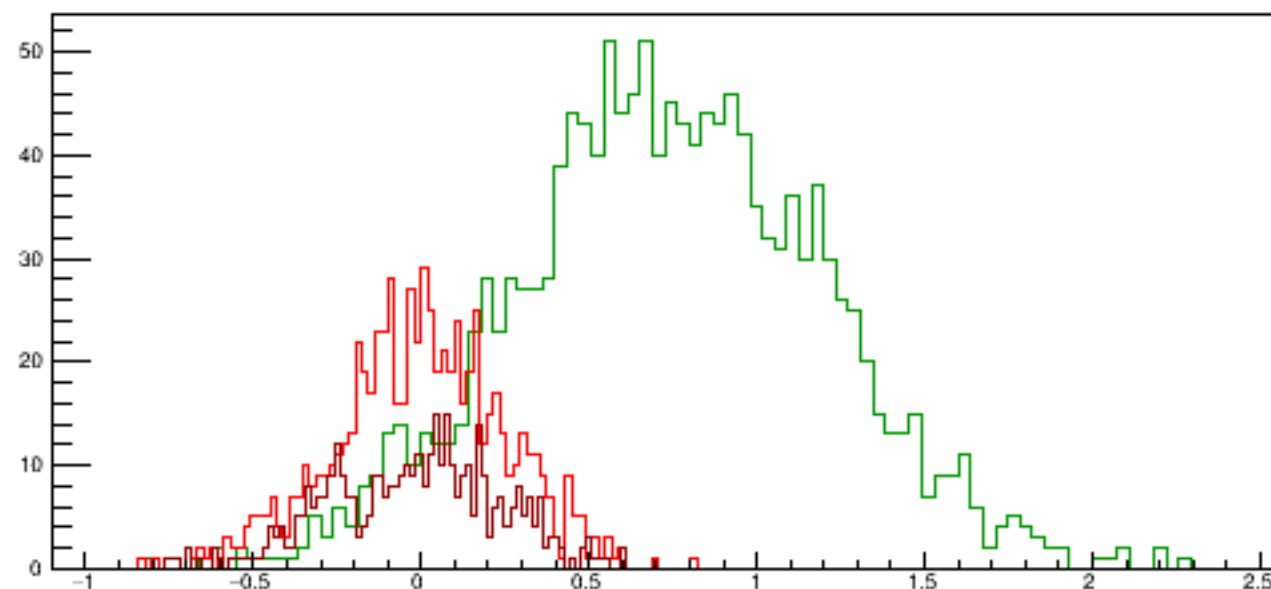
bcm:mpsCoda {mpsCoda>=219908 && mpsCoda<=234307}



Cycle 12, Diffs

Entries: 717	Entries: 1450	Entries: 407
Mean: -0.0047 +/- 0.0093	Mean: 0.7377 +/- 0.0121	Mean: -0.0220 +/- 0.0128
Std Dev: 0.2498 +/- 0.0066	Std Dev: 0.4606 +/- 0.0086	Std Dev: 0.2578 +/- 0.0090

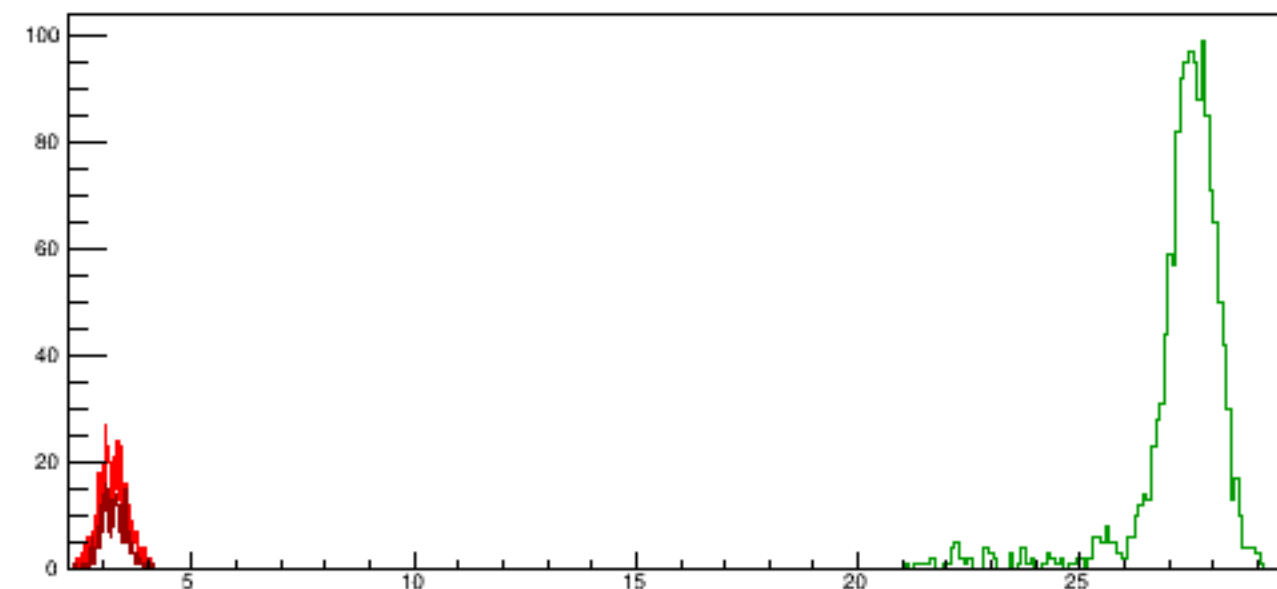
Run 5600 quartetwise, Diffs



Cycle 12, Sums

Entries: 717	Entries: 1450	Entries: 407
Mean: 3.2237 +/- 0.0115	Mean: 27.3056 +/- 0.0279	Mean: 3.2225 +/- 0.0138
Std Dev: 0.3086 +/- 0.0081	Std Dev: 1.0632 +/- 0.0197	Std Dev: 0.2792 +/- 0.0098

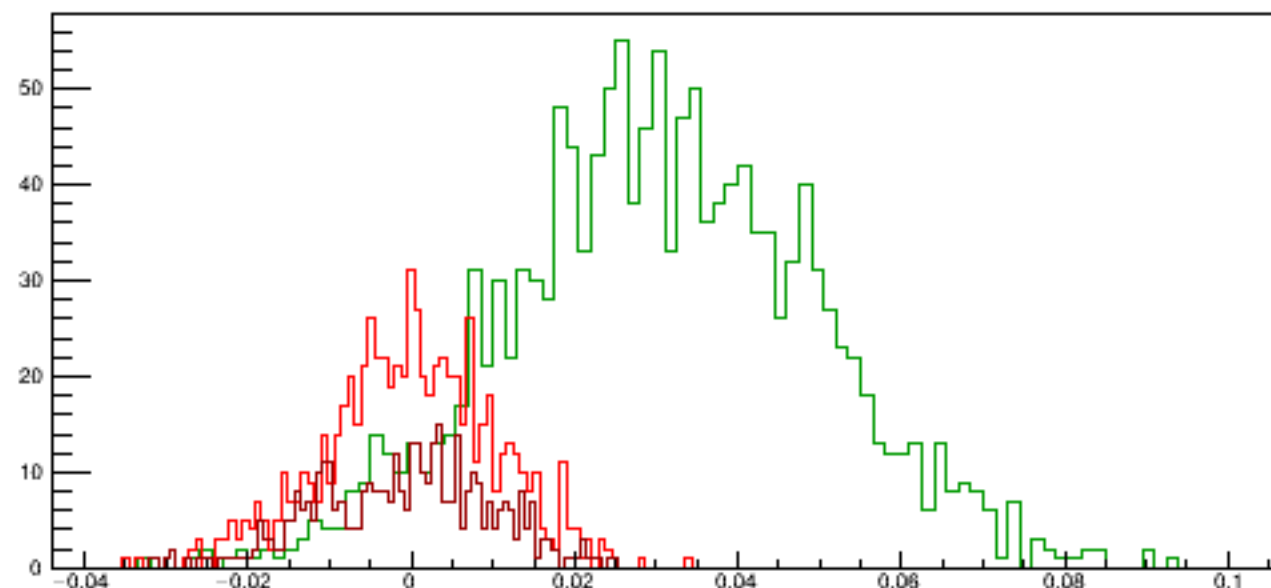
Run 5600 quartetwise, Sums



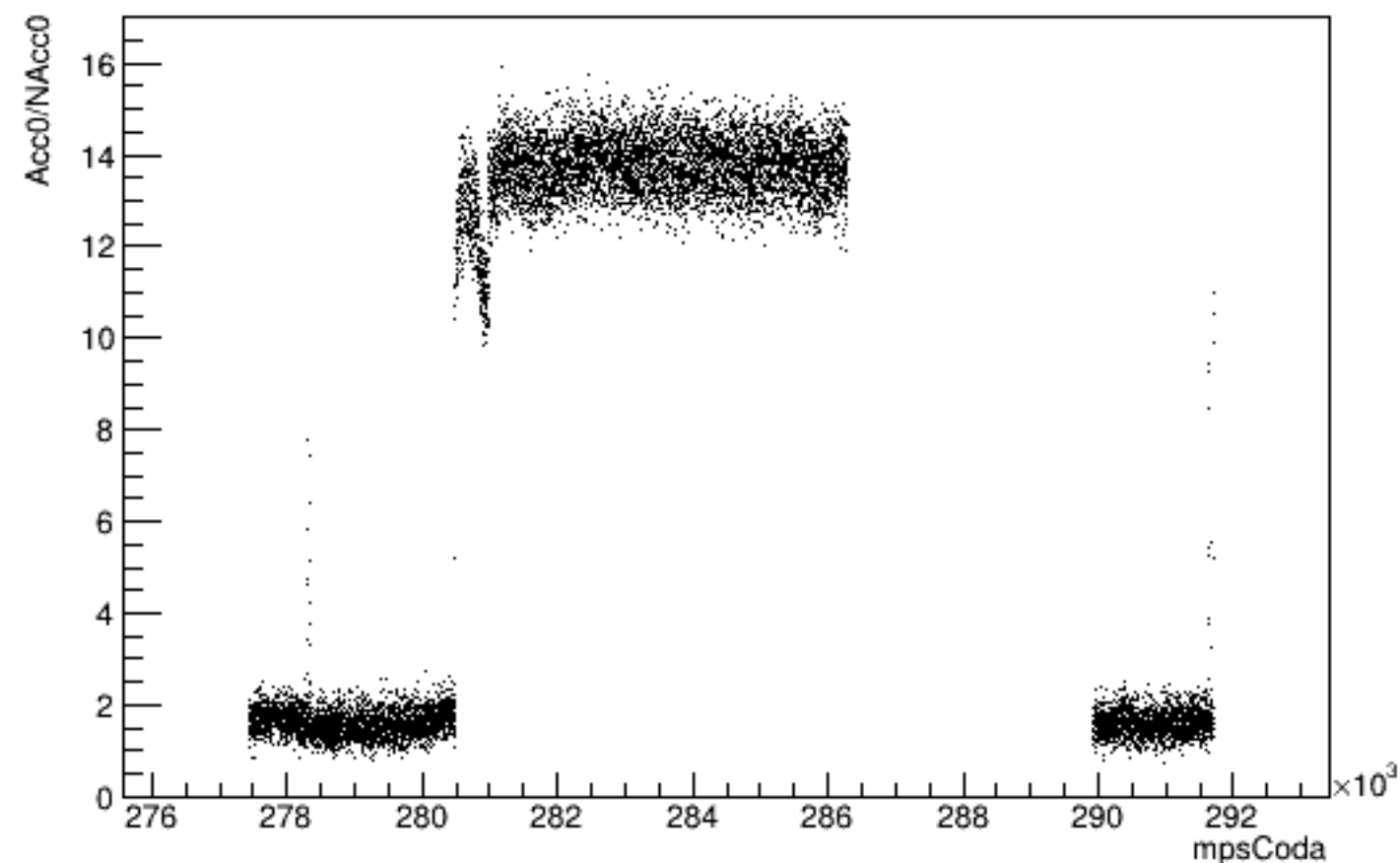
Cycle 12, Asyms

Entries: 717	Entries: 1450	Entries: 407
Mean: -0.0002 +/- 0.0004	Mean: 0.0306 +/- 0.0005	Mean: -0.0009 +/- 0.0005
Std Dev: 0.0104 +/- 0.0003	Std Dev: 0.0192 +/- 0.0004	Std Dev: 0.0107 +/- 0.0004

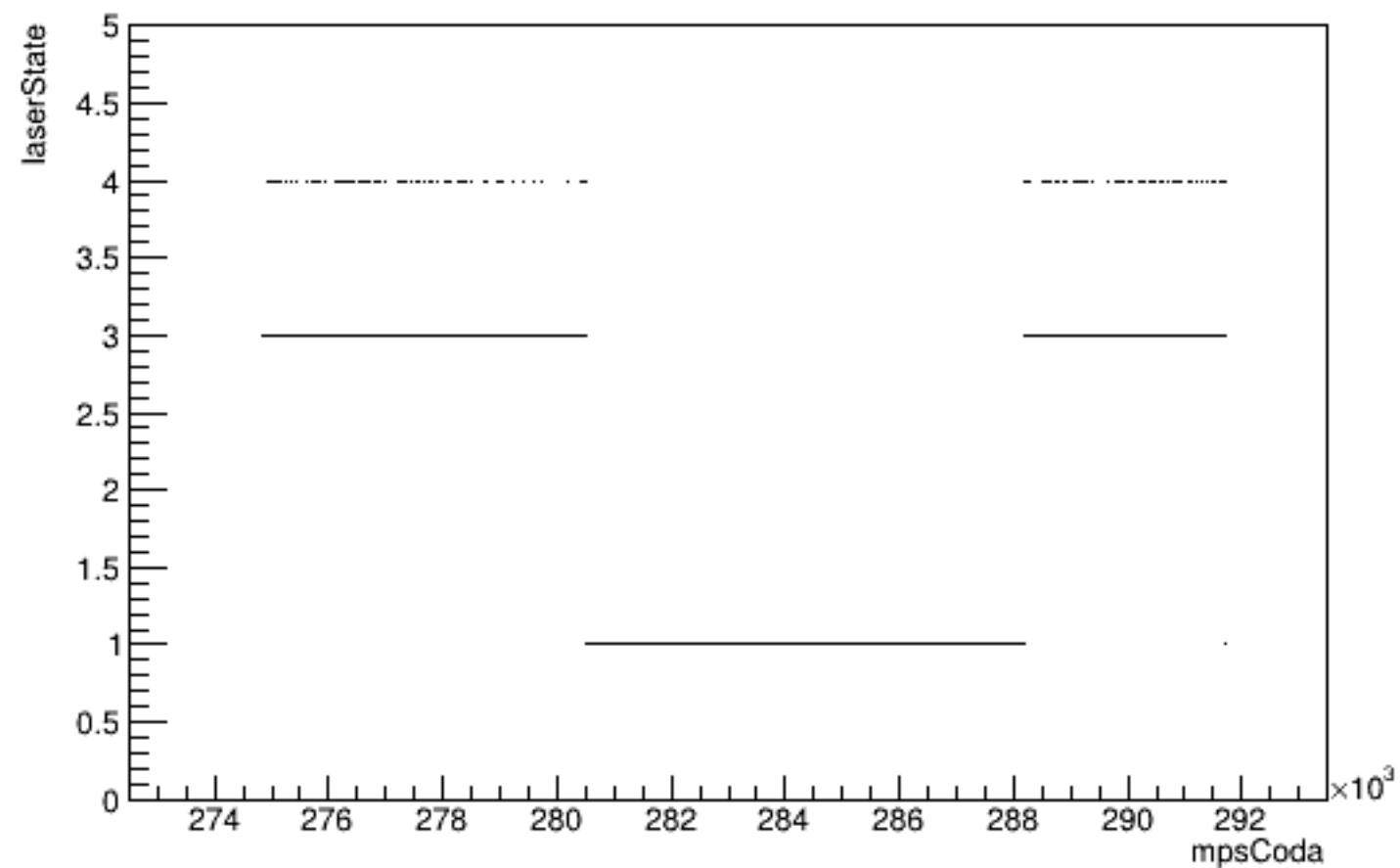
Run 5600 quartetwise, Asyms



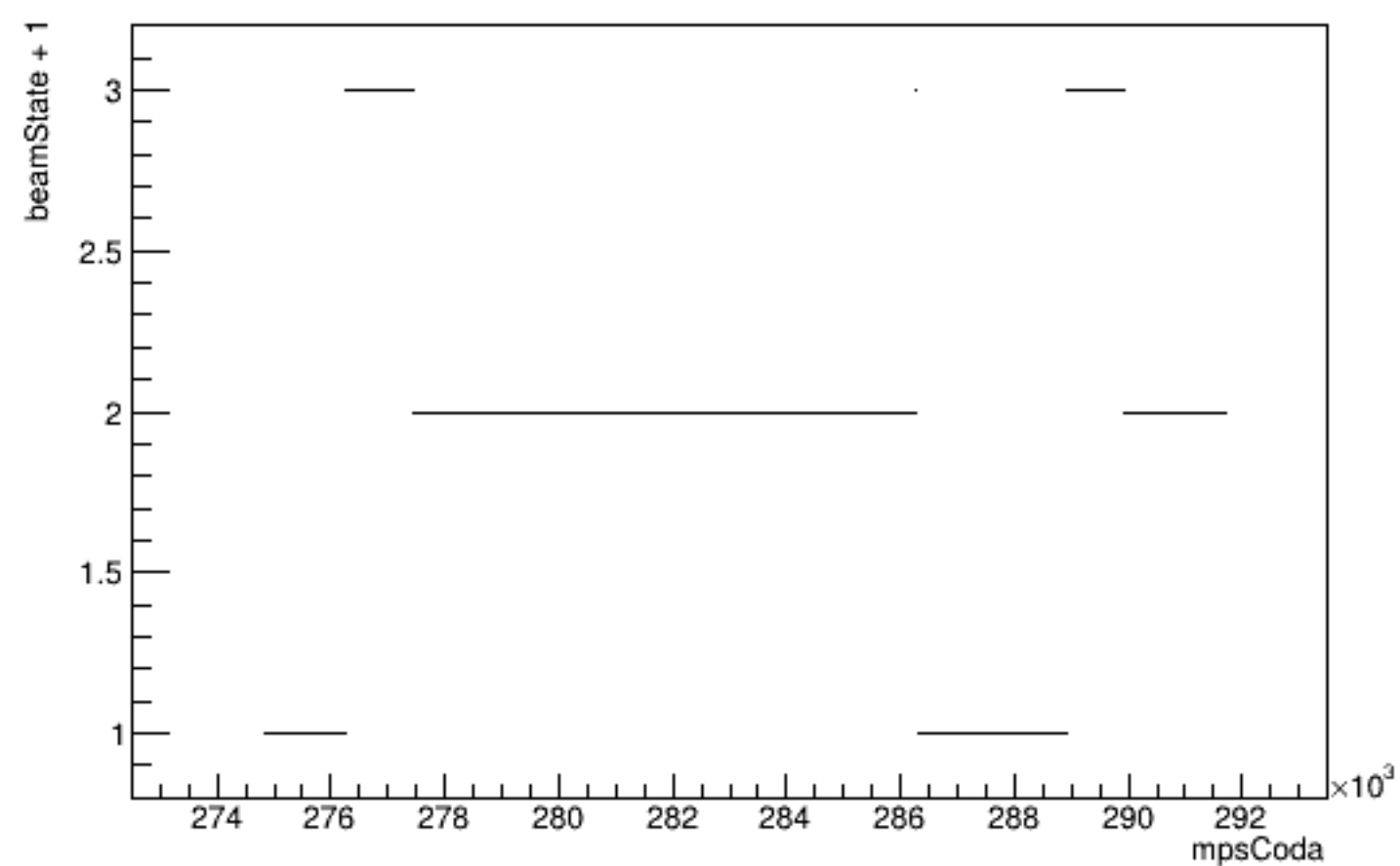
Acc0/NAcc0:mpsCoda (mpsCoda>=274828 && mpsCoda<=291699 && beamState==1)



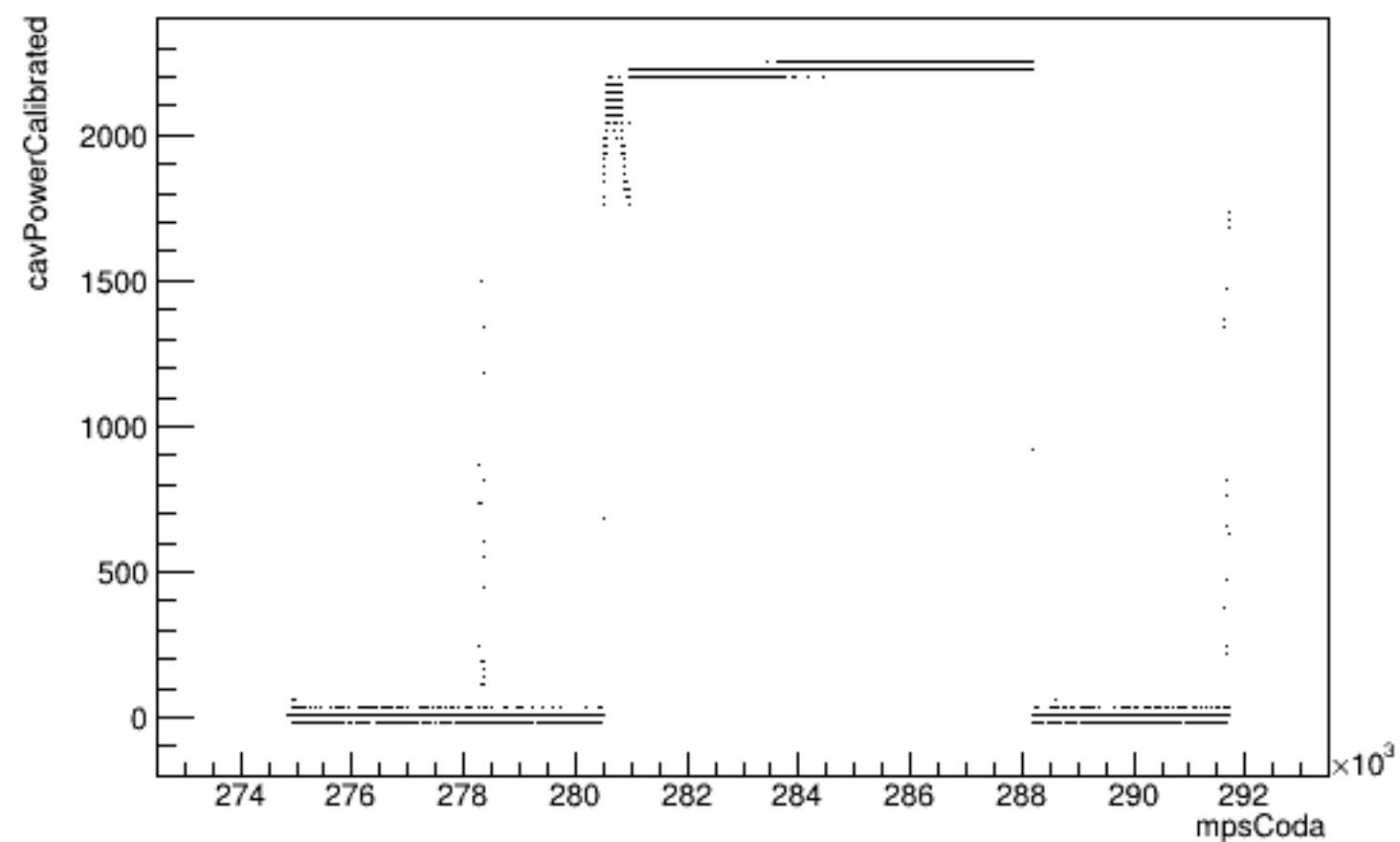
laserState:mpsCoda {mpsCoda>=274828 && mpsCoda<=291699}



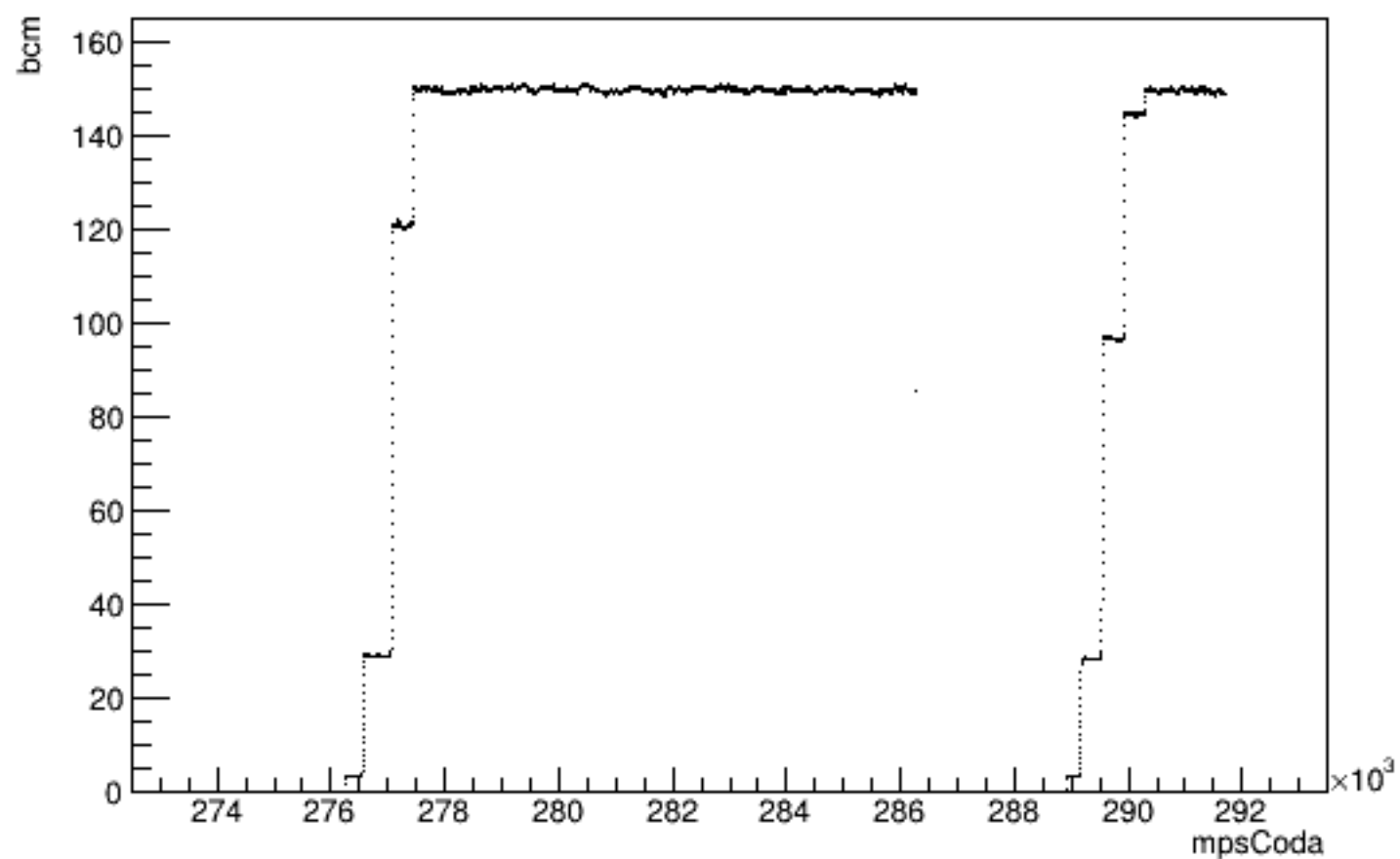
beamState + 1:mpsCoda {mpsCoda>=274828 && mpsCoda<=291699}



cavPowerCalibrated:mpsCoda {mpsCoda>=274828 && mpsCoda<=291699}



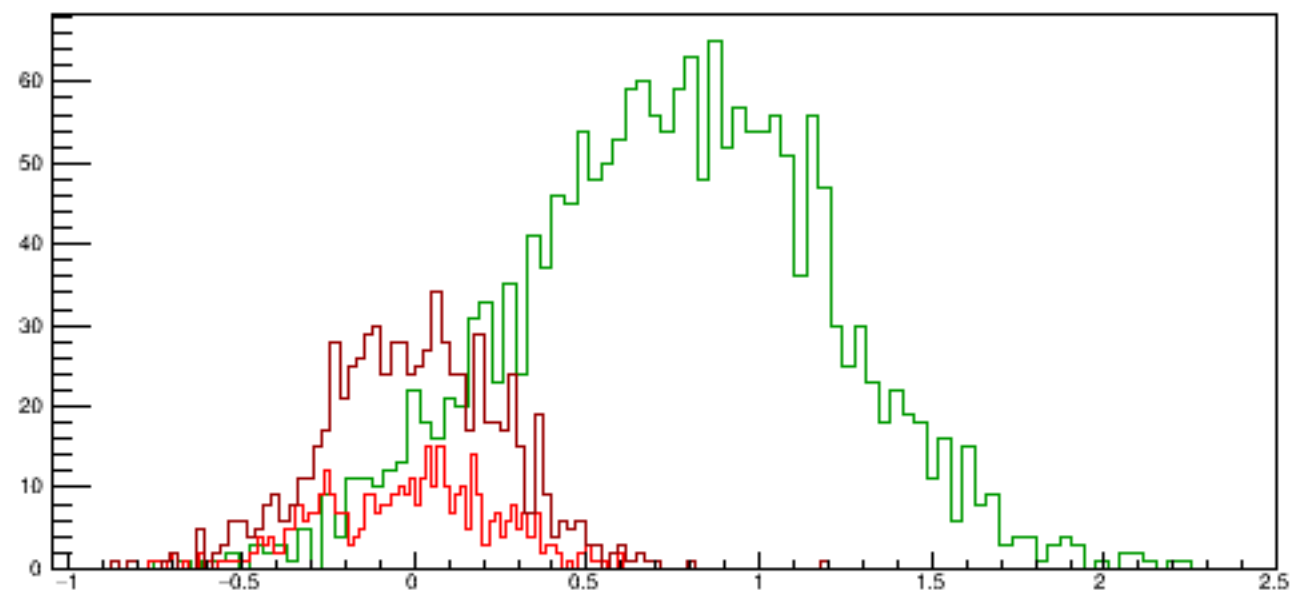
bcm:mpsCoda {mpsCoda>=274828 && mpsCoda<=291699}



Cycle 13, Diffs

Entries: 407	Entries: 1914	Entries: 758
Mean: -0.0220 +/- 0.0128	Mean: 0.7519 +/- 0.0104	Mean: -0.0009 +/- 0.0094
Std Dev: 0.2578 +/- 0.0090	Std Dev: 0.4531 +/- 0.0073	Std Dev: 0.2594 +/- 0.0067

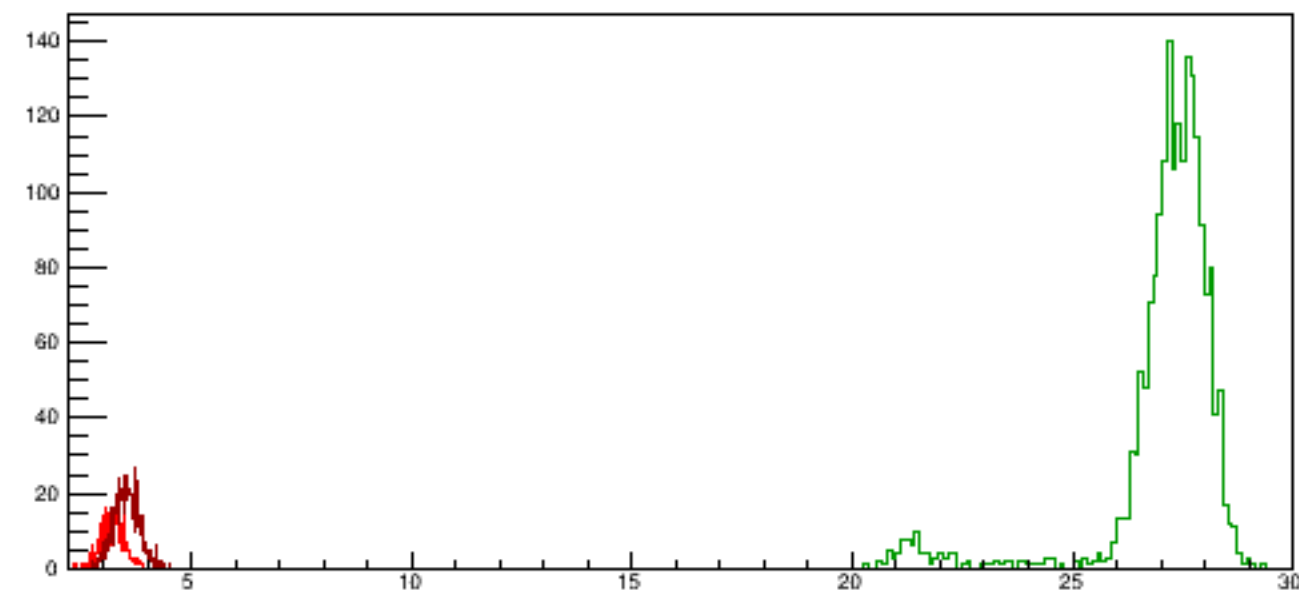
Run 5600 quartetwise, Diffs



Cycle 13, Sums

Entries: 407	Entries: 1914	Entries: 758
Mean: 3.2225 +/- 0.0138	Mean: 27.1110 +/- 0.0311	Mean: 3.5316 +/- 0.0105
Std Dev: 0.2792 +/- 0.0098	Std Dev: 1.3615 +/- 0.0220	Std Dev: 0.2903 +/- 0.0075

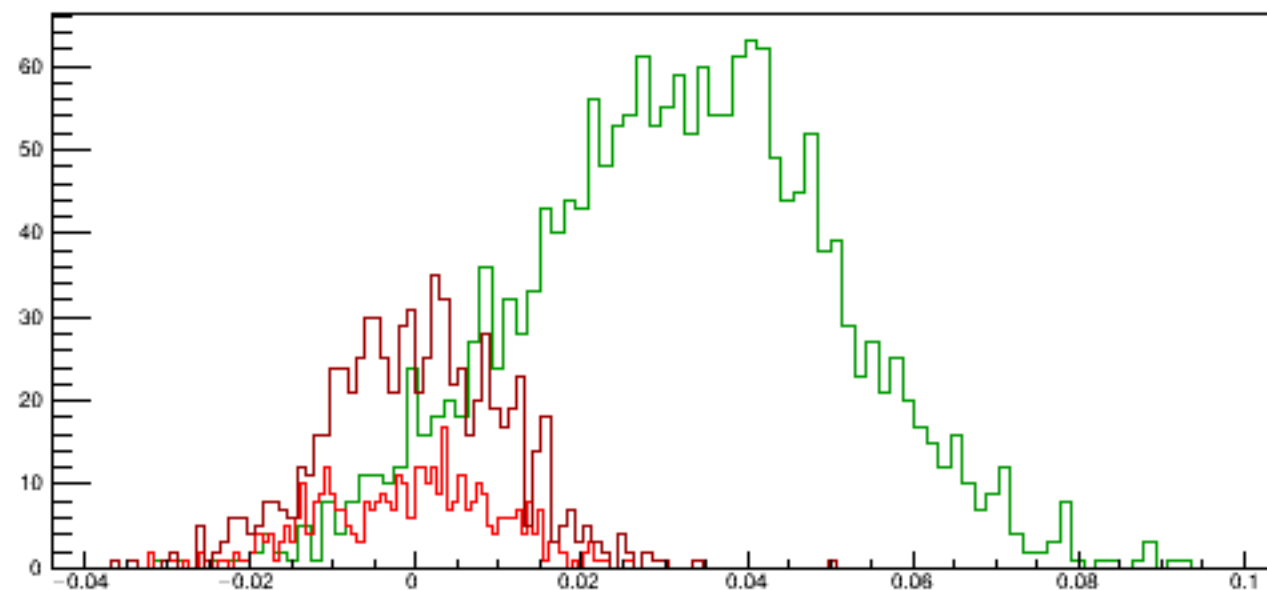
Run 5600 quartetwise, Sums



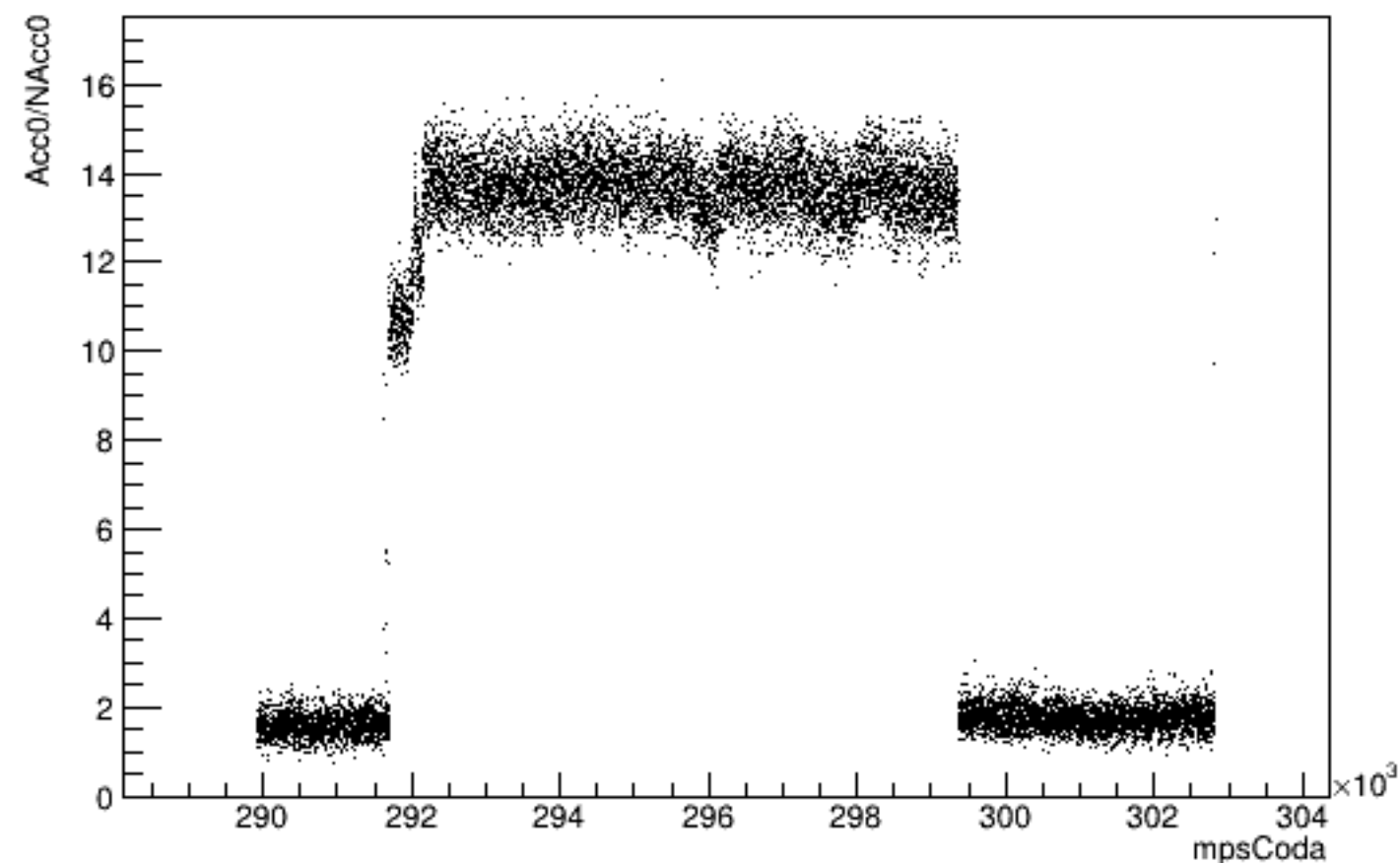
Cycle 13, Asyms

Entries: 407	Entries: 1914	Entries: 758
Mean: -0.0009 +/- 0.0005	Mean: 0.0317 +/- 0.0004	Mean: -0.0000 +/- 0.0004
Std Dev: 0.0109 +/- 0.0004	Std Dev: 0.0191 +/- 0.0003	Std Dev: 0.0109 +/- 0.0003

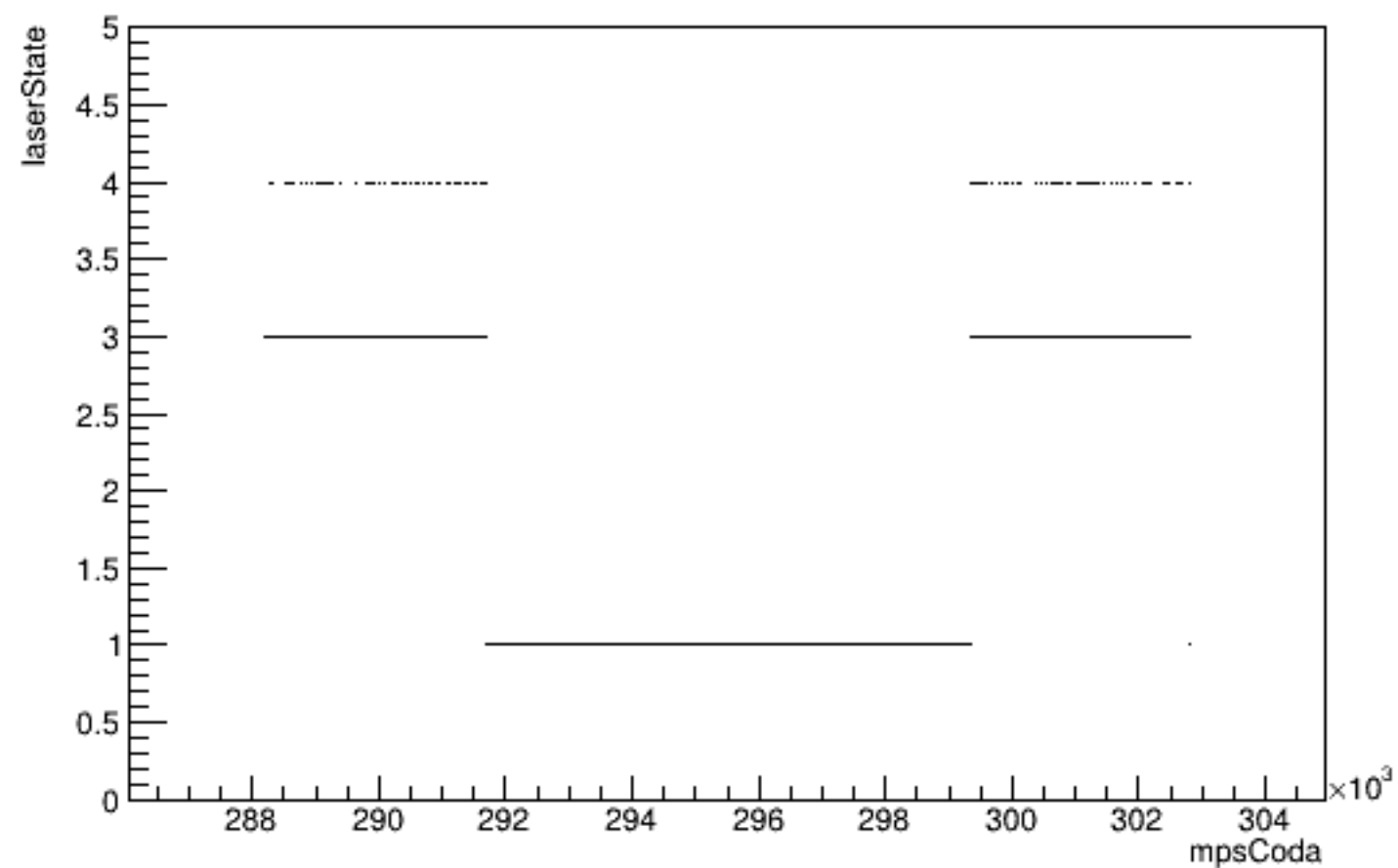
Run 5600 quartetwise, Asyms



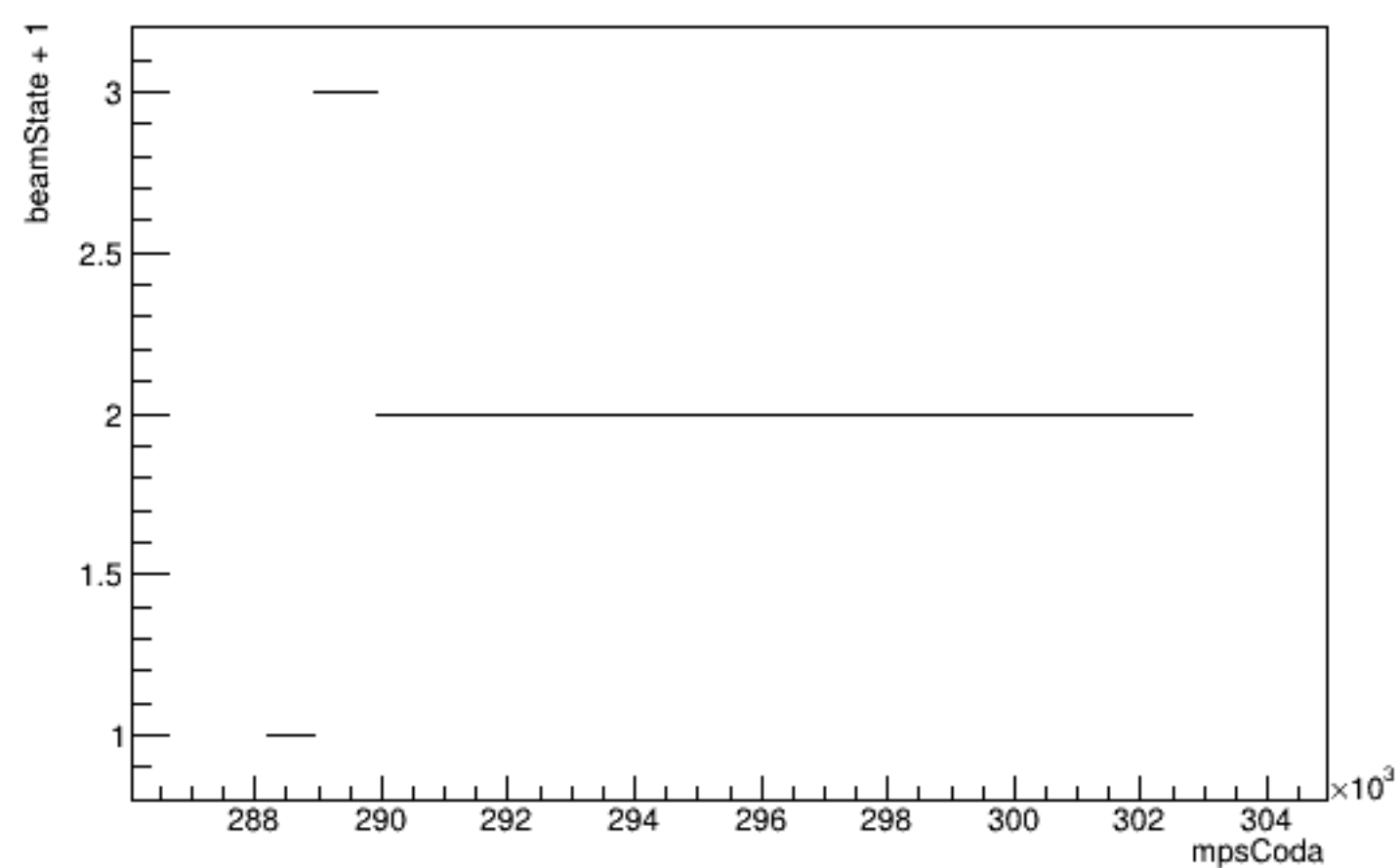
Acc0/NAcc0:mpsCoda (mpsCoda>=288184 && mpsCoda<=302823 && beamState==1)



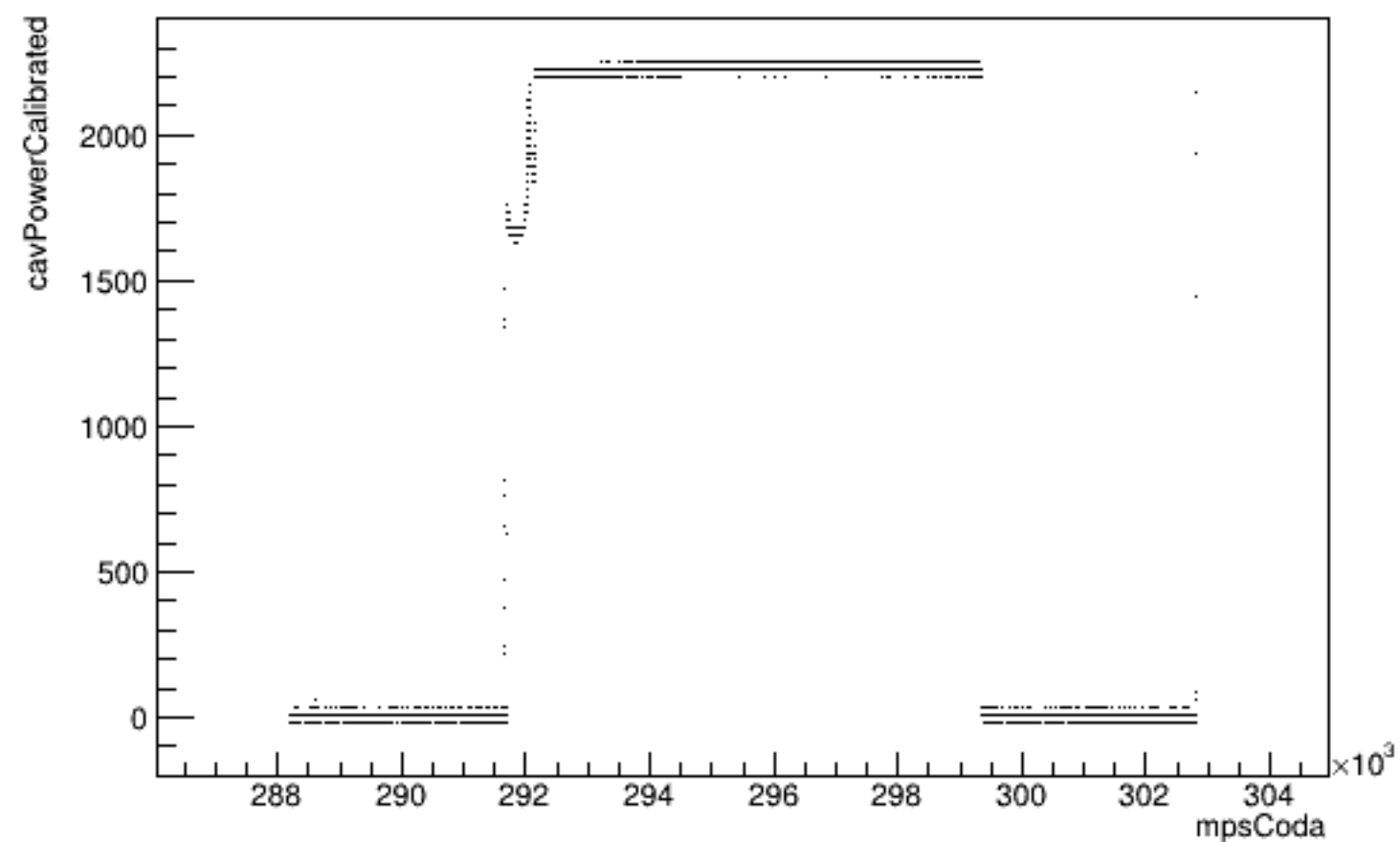
laserState:mpsCoda {mpsCoda>=288184 && mpsCoda<=302823}



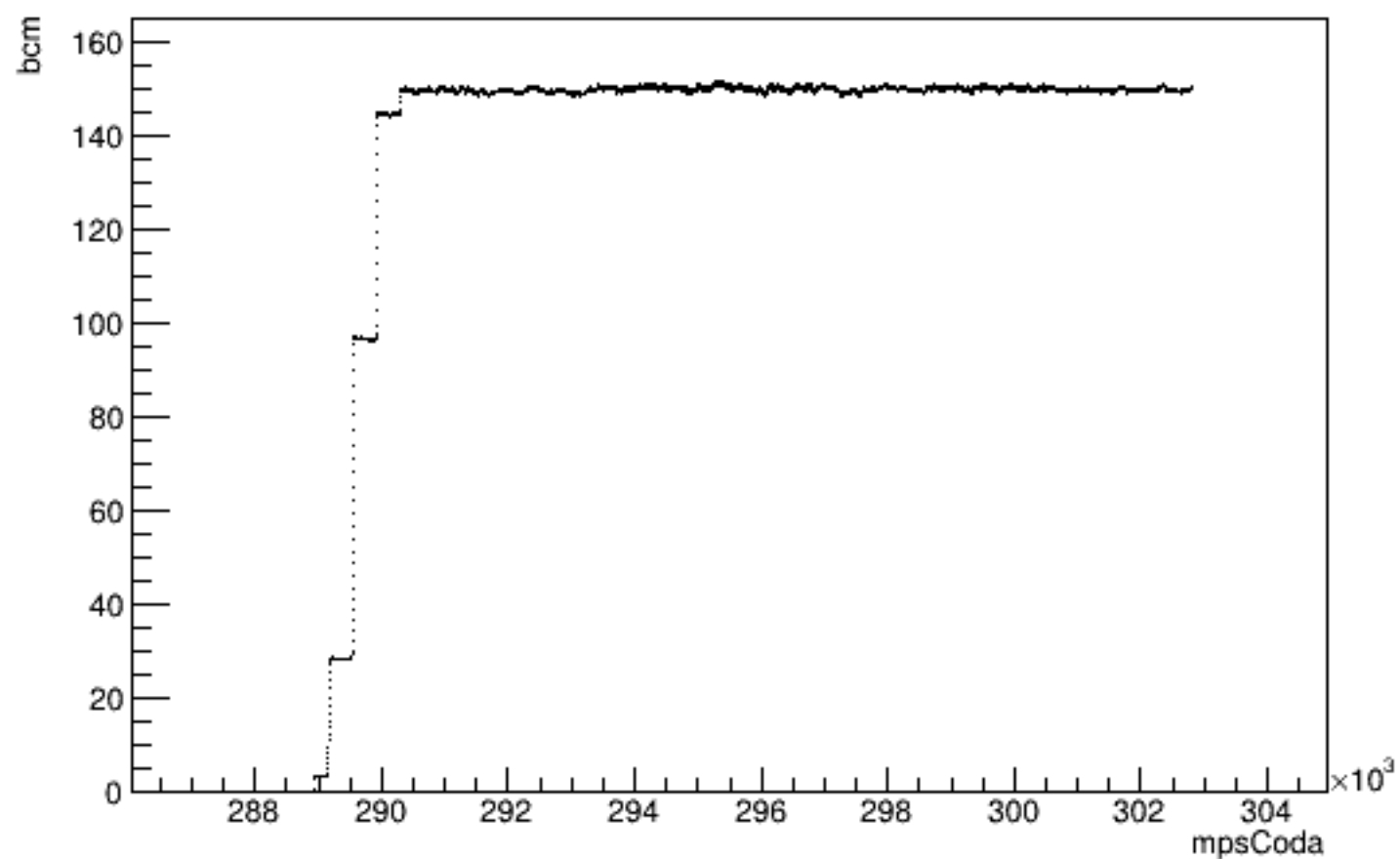
beamState + 1:mpsCoda {mpsCoda>=288184 && mpsCoda<=302823}



cavPowerCalibrated:mpsCoda {mpsCoda>=288184 && mpsCoda<=302823}



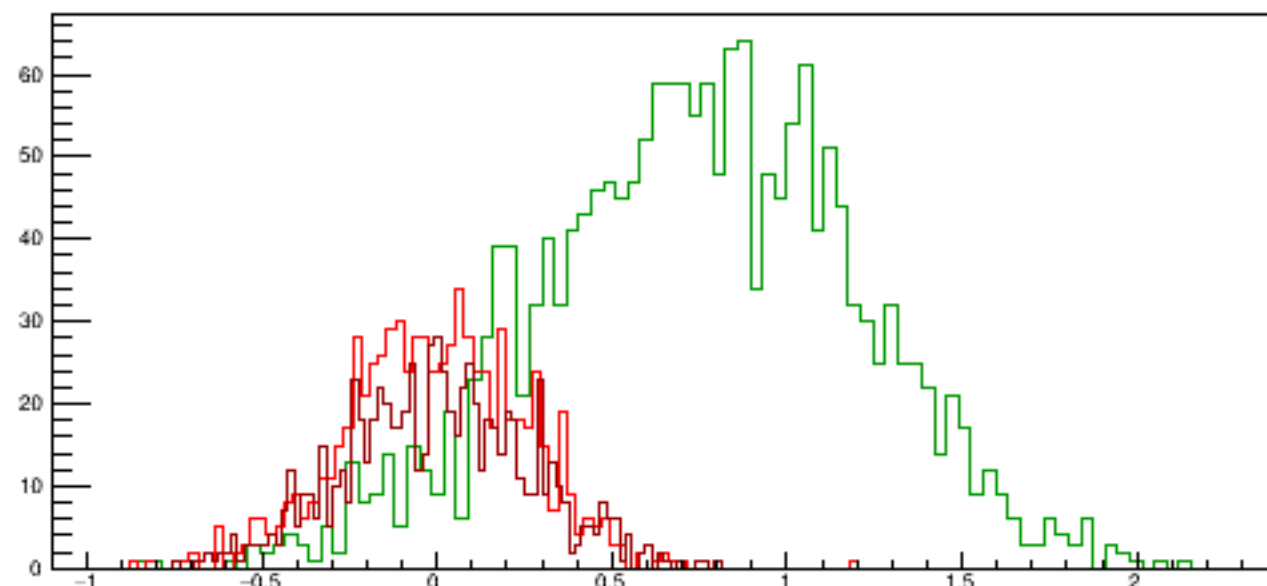
bcm:mpsCoda {mpsCoda>=288184 && mpsCoda<=302823}



Cycle 14, Diffs

Entries: 758	Entries: 1867	Entries: 777
Mean: -0.0009 +/- 0.0094	Mean: 0.7415 +/- 0.0106	Mean: -0.0003 +/- 0.0095
Std Dev: 0.2594 +/- 0.0067	Std Dev: 0.4567 +/- 0.0075	Std Dev: 0.2648 +/- 0.0067

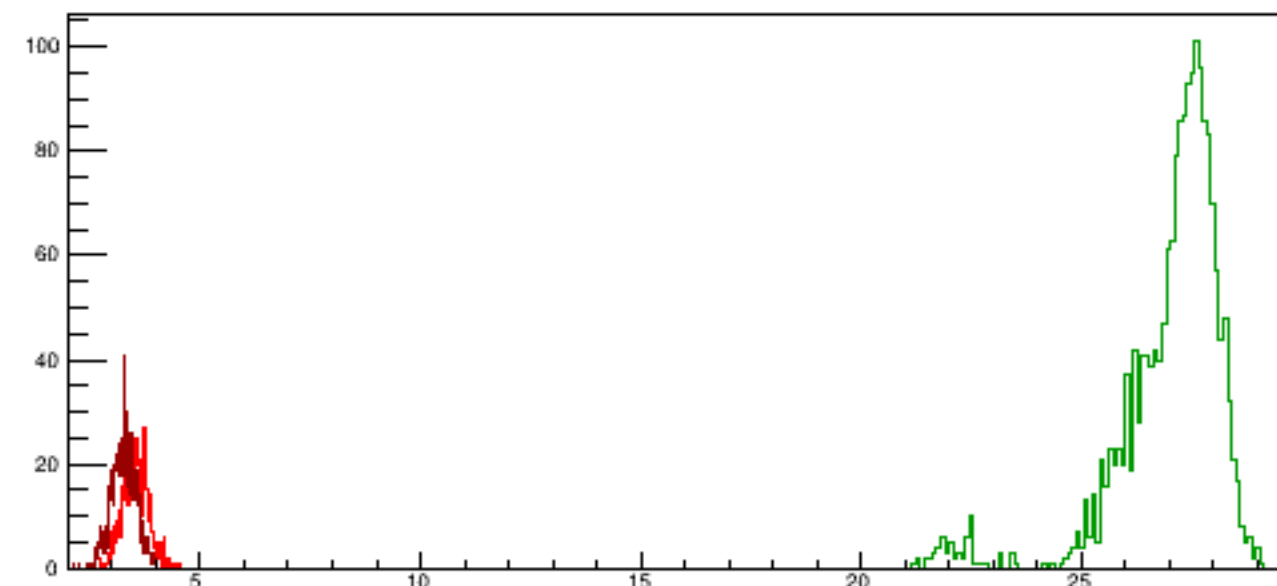
Run 5600 quartetwise, Diffs



Cycle 14, Sums

Entries: 758	Entries: 1867	Entries: 777
Mean: 3.5316 +/- 0.0105	Mean: 27.0258 +/- 0.0281	Mean: 3.2601 +/- 0.0101
Std Dev: 0.2903 +/- 0.0075	Std Dev: 1.2156 +/- 0.0199	Std Dev: 0.2822 +/- 0.0072

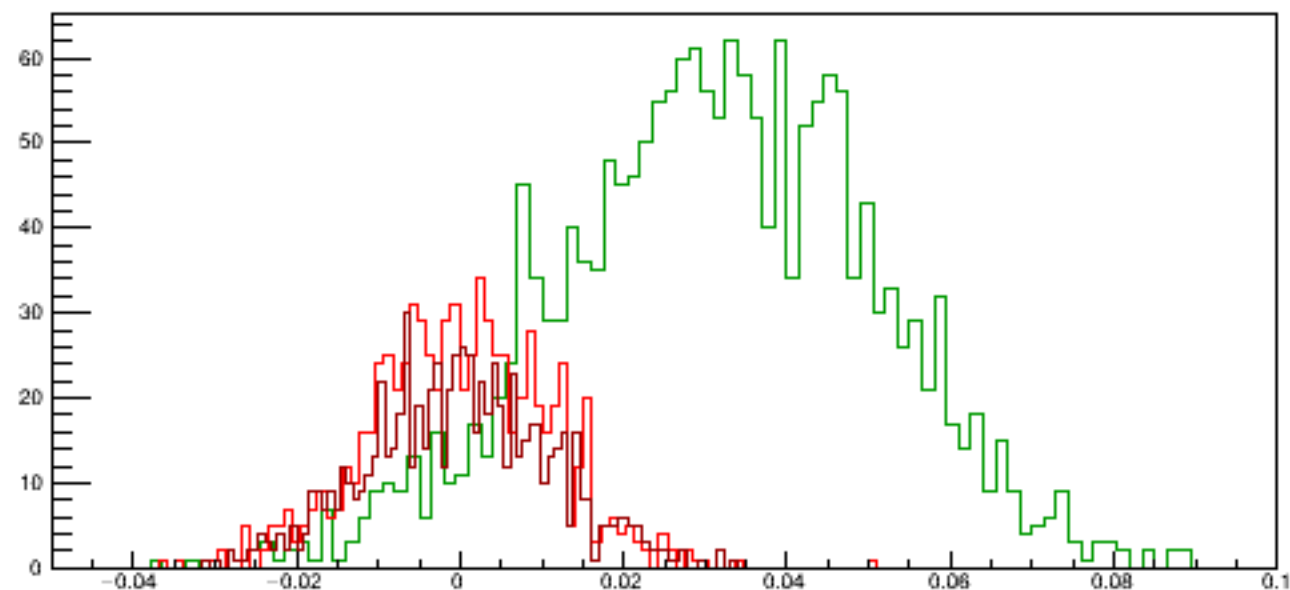
Run 5600 quartetwise, Sums



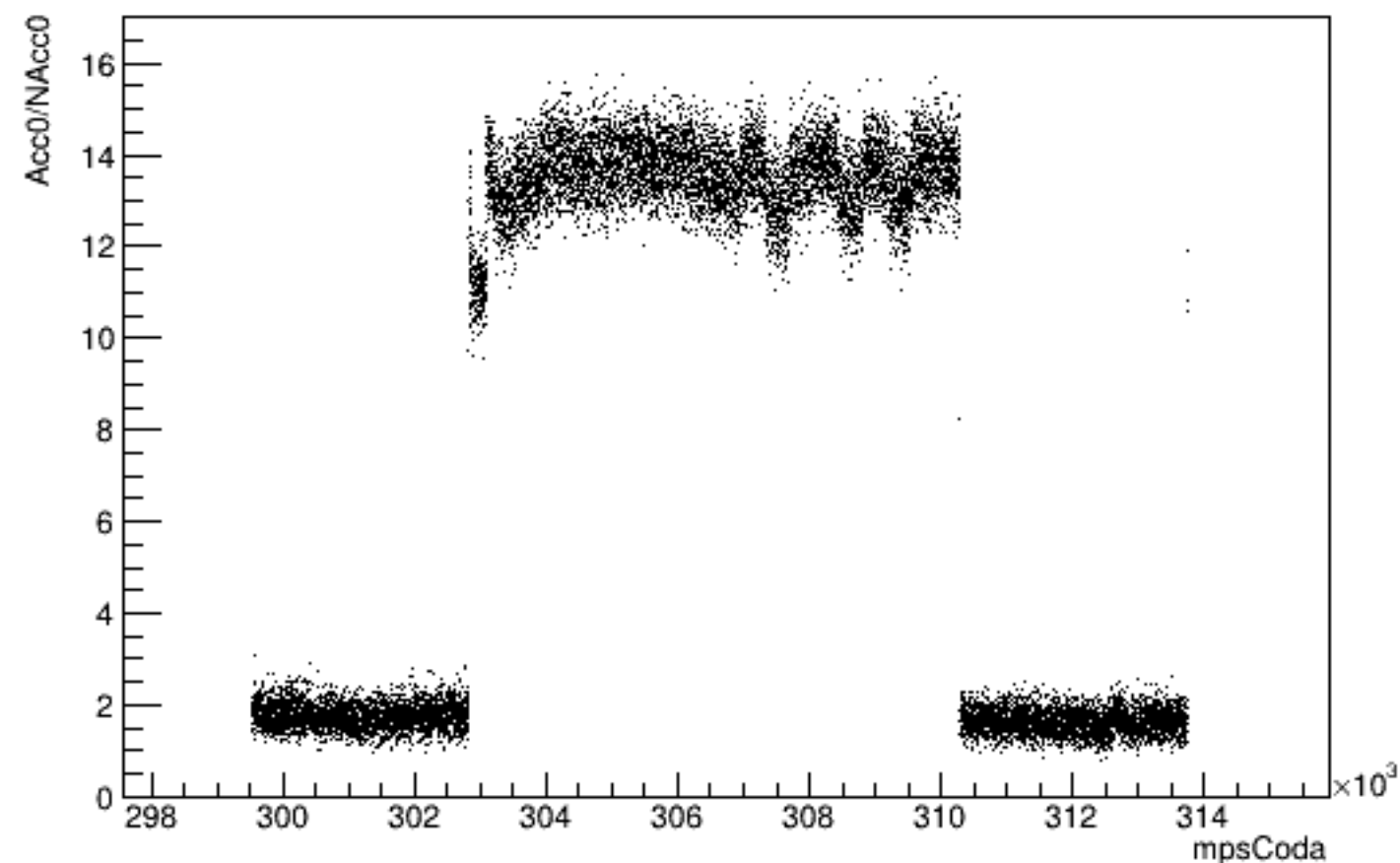
Cycle 14, Asyms

Entries: 758	Entries: 1867	Entries: 777
Mean: -0.0000 +/- 0.0004	Mean: 0.0314 +/- 0.0004	Mean: -0.0000 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0112 +/- 0.0003

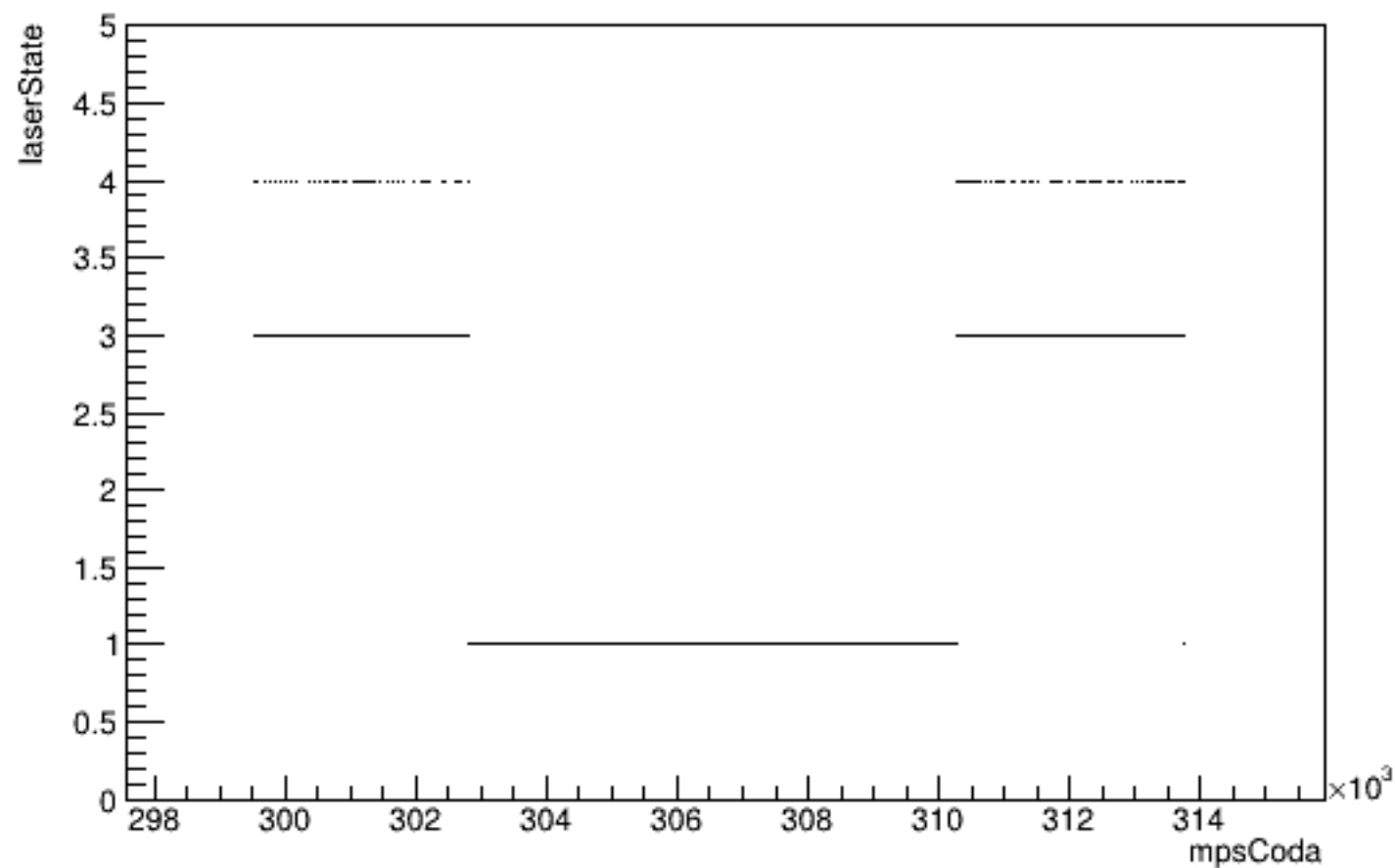
Run 5600 quartetwise, Asyms



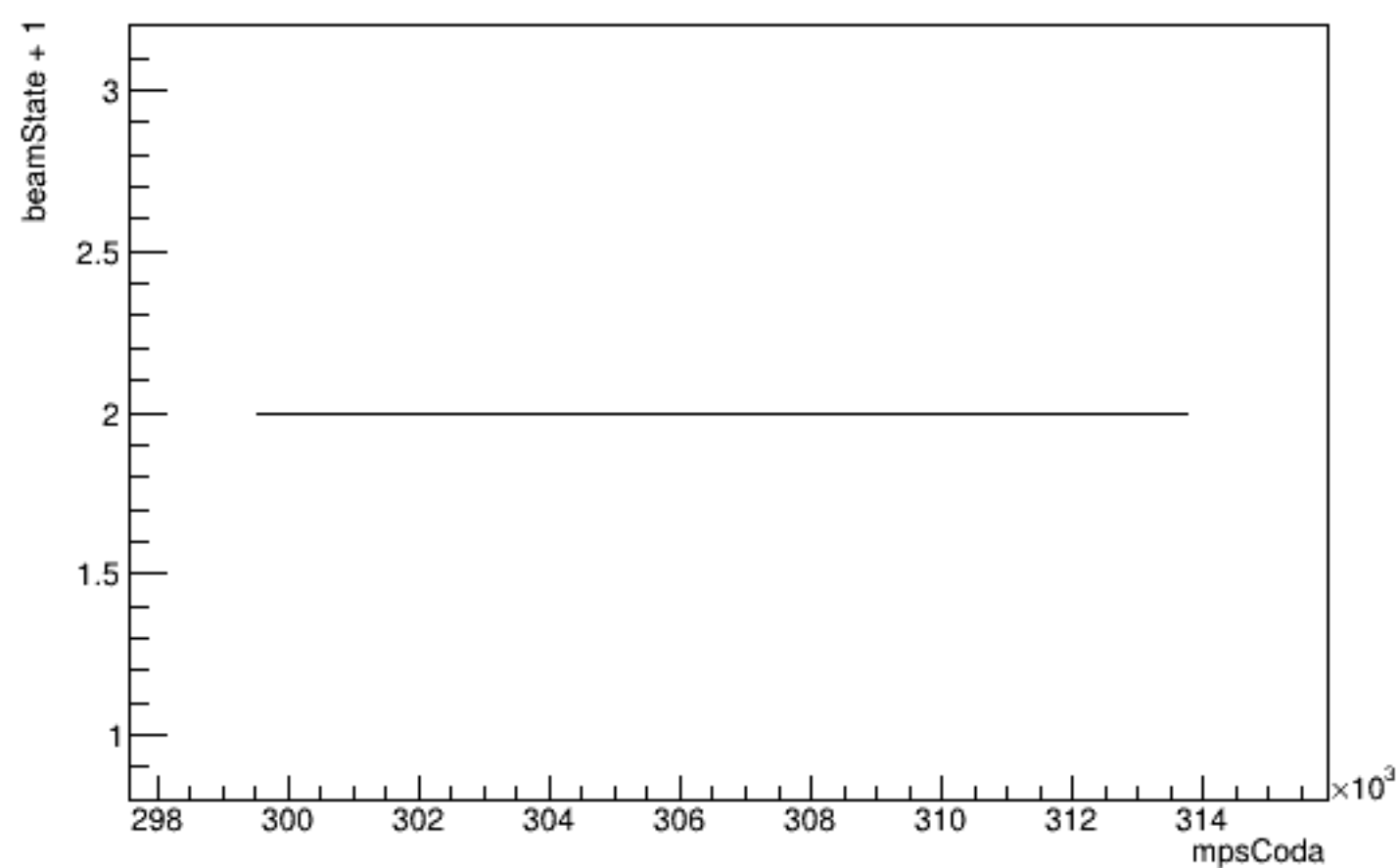
Acc0/NAcc0:mpsCoda (mpsCoda>=299532 && mpsCoda<=313743 && beamState==1)



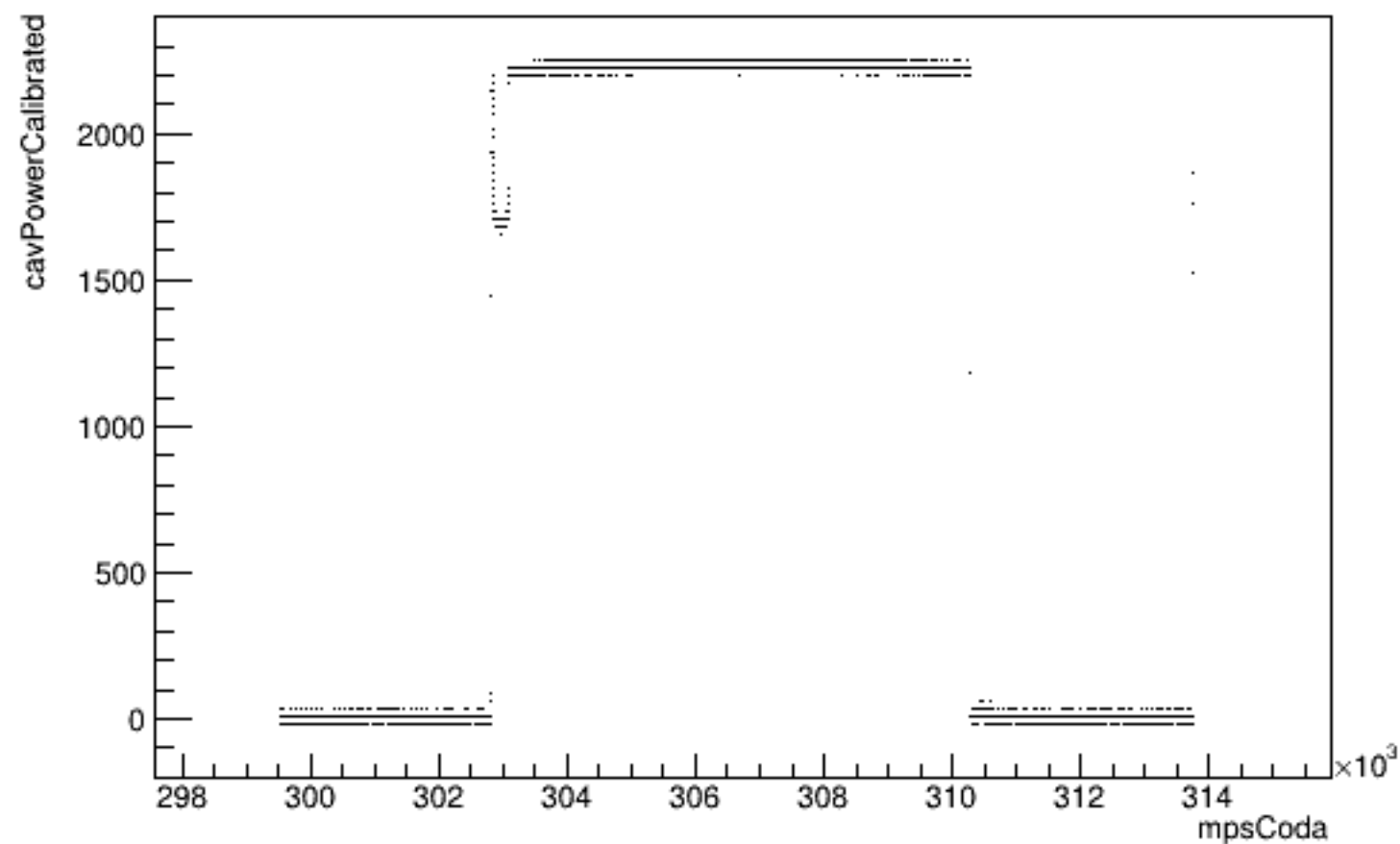
laserState:mpsCoda {mpsCoda>=299532 && mpsCoda<=313743}



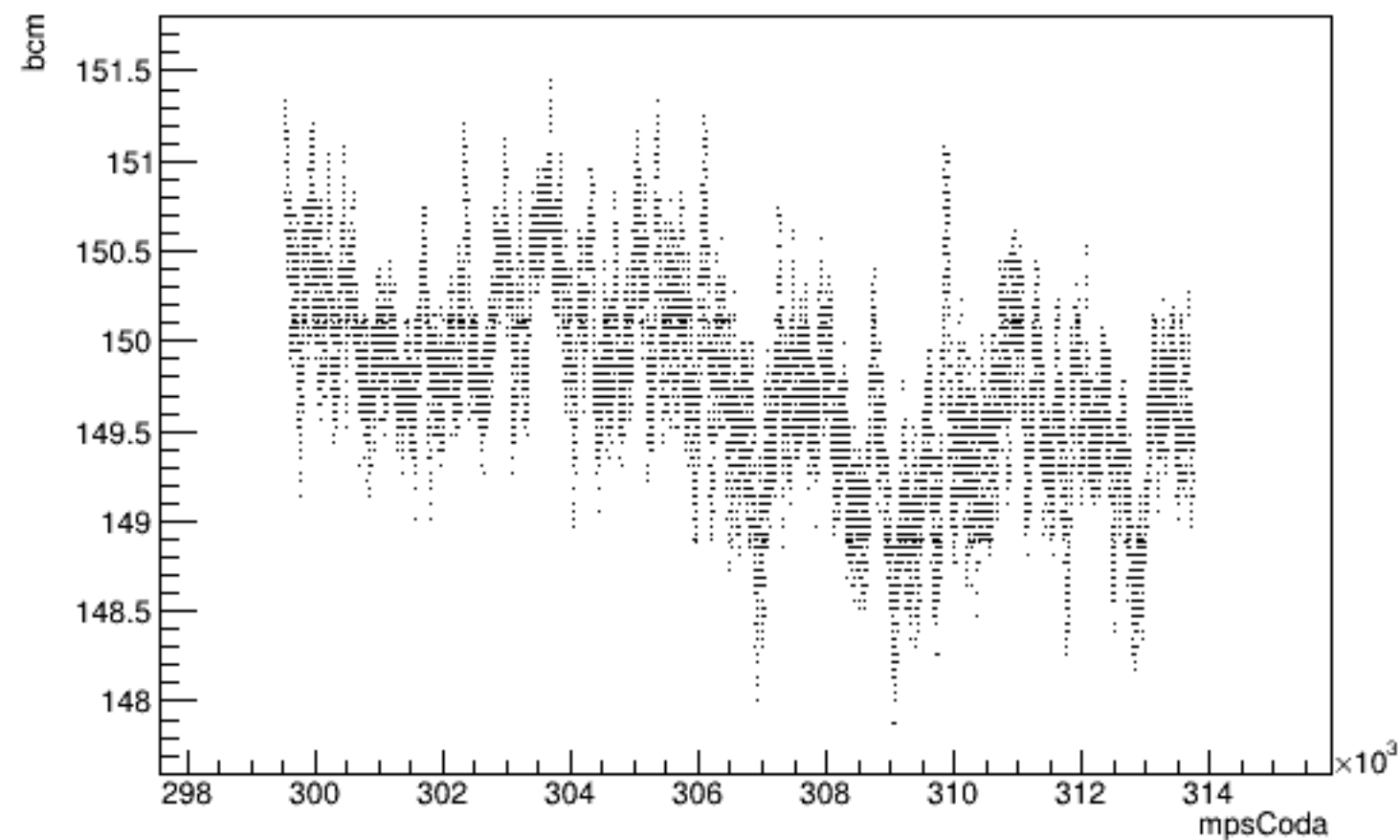
beamState + 1:mpsCoda {mpsCoda>=299532 && mpsCoda<=313743}



cavPowerCalibrated:mpsCoda {mpsCoda>=299532 && mpsCoda<=313743}



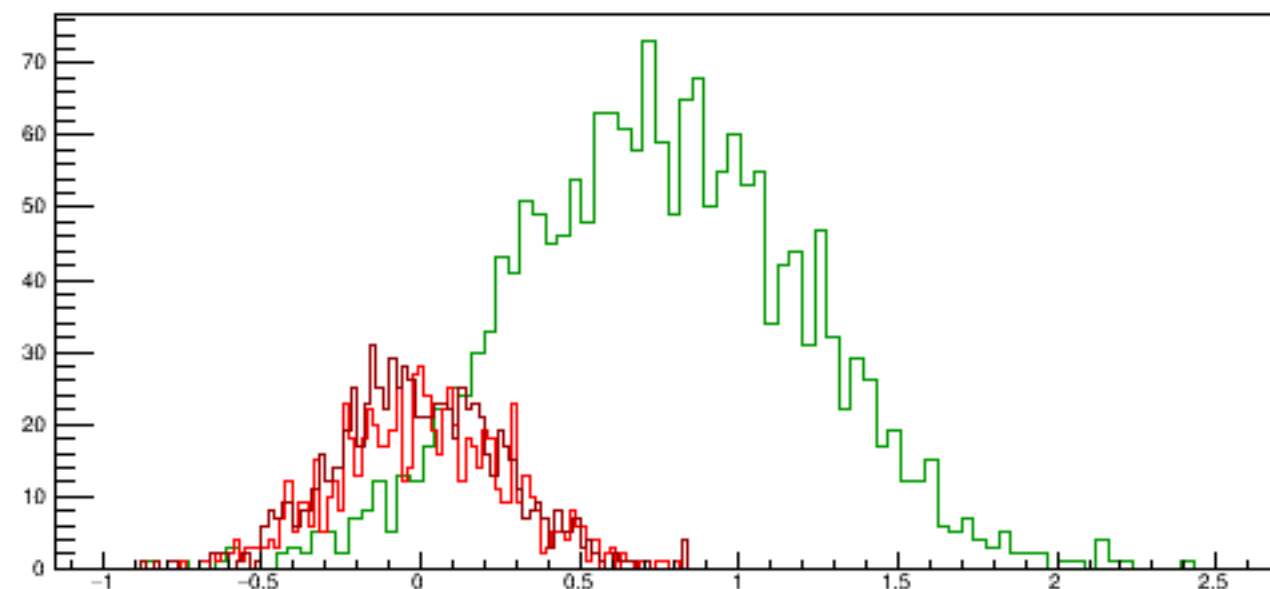
bcm:mpsCoda {mpsCoda>=299532 && mpsCoda<=313743}



Cycle 15, Diffs

Entries: 777	Entries: 1871	Entries: 822
Mean: -0.0003 +/- 0.0095	Mean: 0.7481 +/- 0.0105	Mean: -0.0076 +/- 0.0090
Std Dev: 0.2648 +/- 0.0067	Std Dev: 0.4548 +/- 0.0074	Std Dev: 0.2578 +/- 0.0064

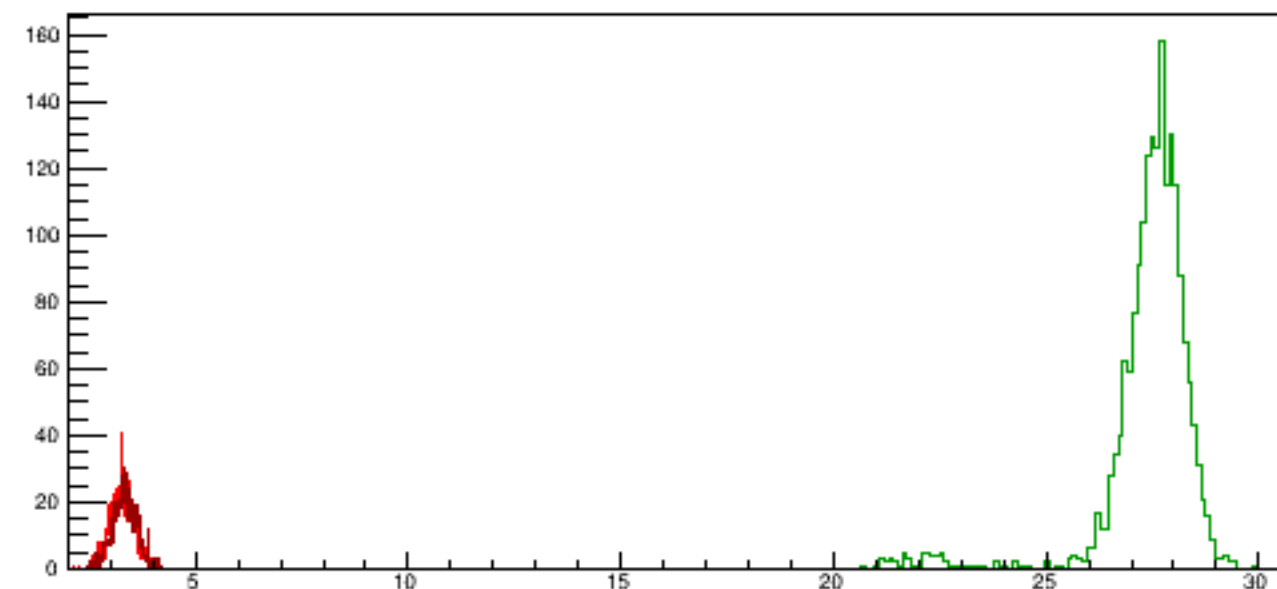
Run 5600 quartetwise, Diffs



Cycle 15, Sums

Entries: 777	Entries: 1871	Entries: 822
Mean: 3.2601 +/- 0.0101	Mean: 27.4206 +/- 0.0262	Mean: 3.3415 +/- 0.0106
Std Dev: 0.2822 +/- 0.0072	Std Dev: 1.1339 +/- 0.0185	Std Dev: 0.3044 +/- 0.0075

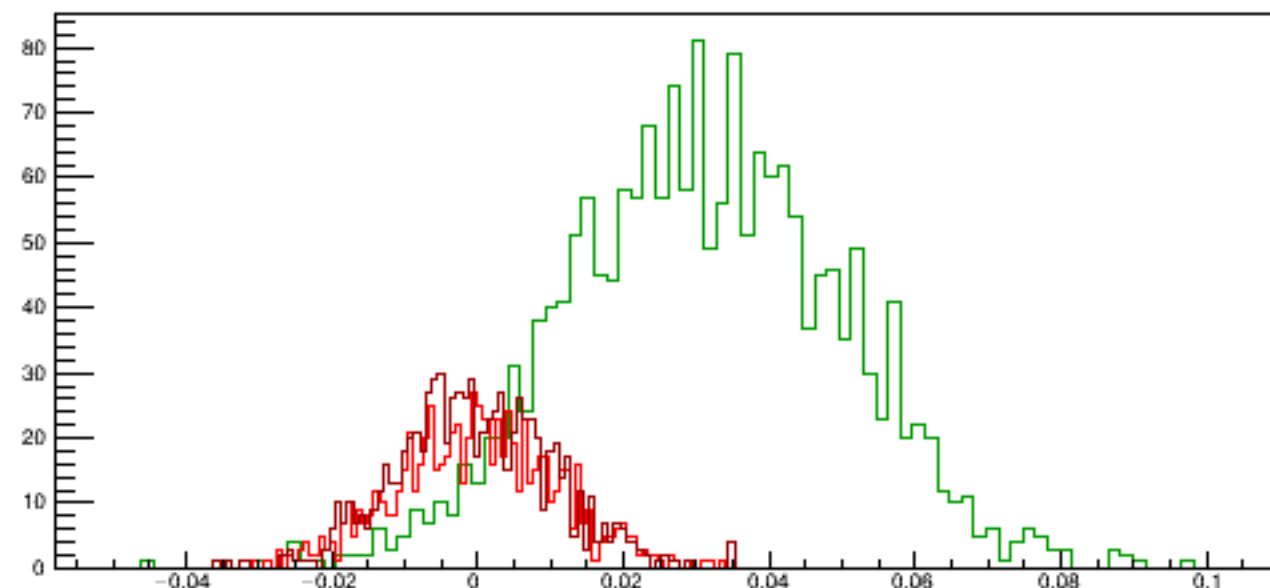
Run 5600 quartetwise, Sums



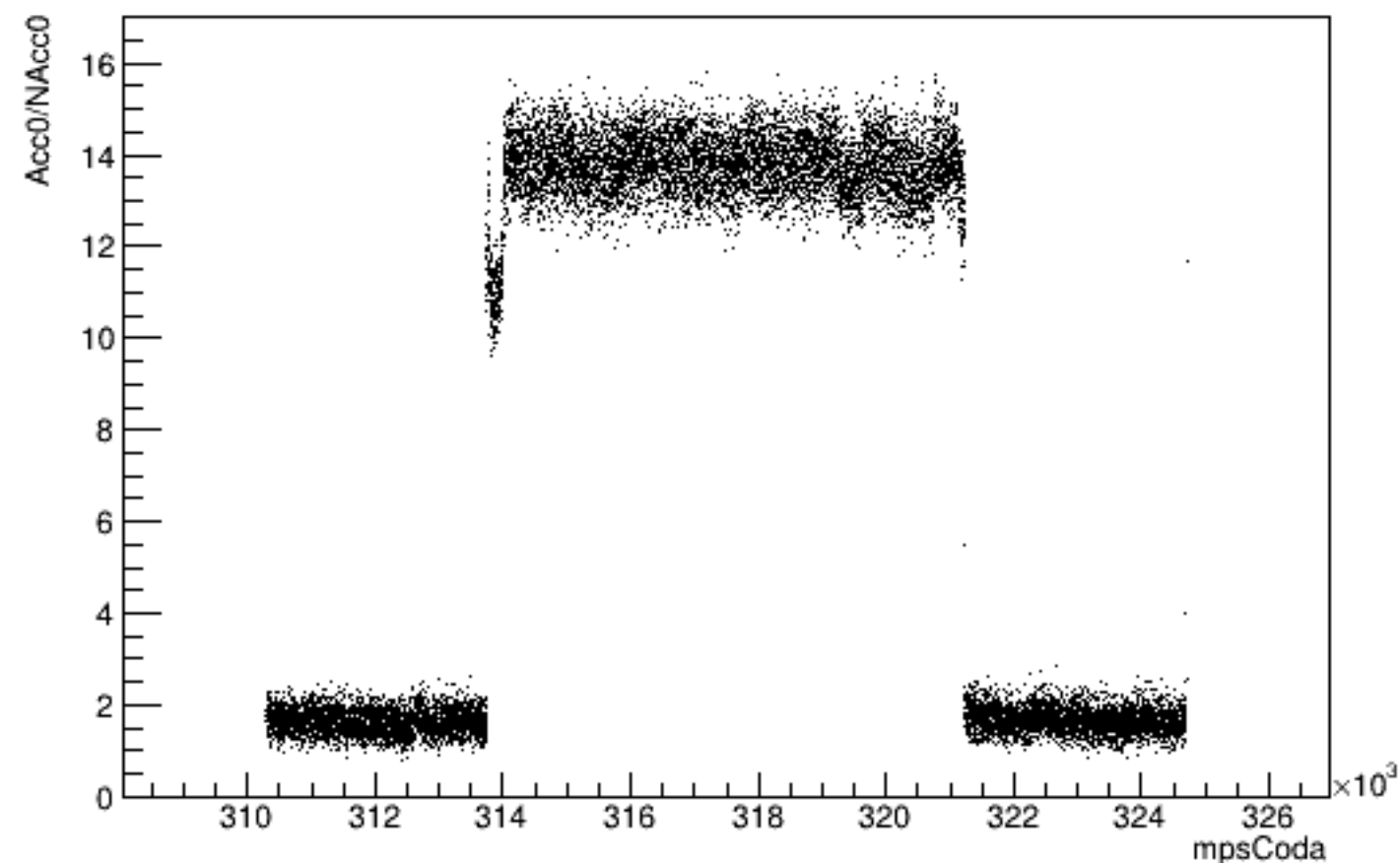
Cycle 15, Asyms

Entries: 777	Entries: 1871	Entries: 822
Mean: -0.0000 +/- 0.0004	Mean: 0.0310 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0188 +/- 0.0003	Std Dev: 0.0107 +/- 0.0003

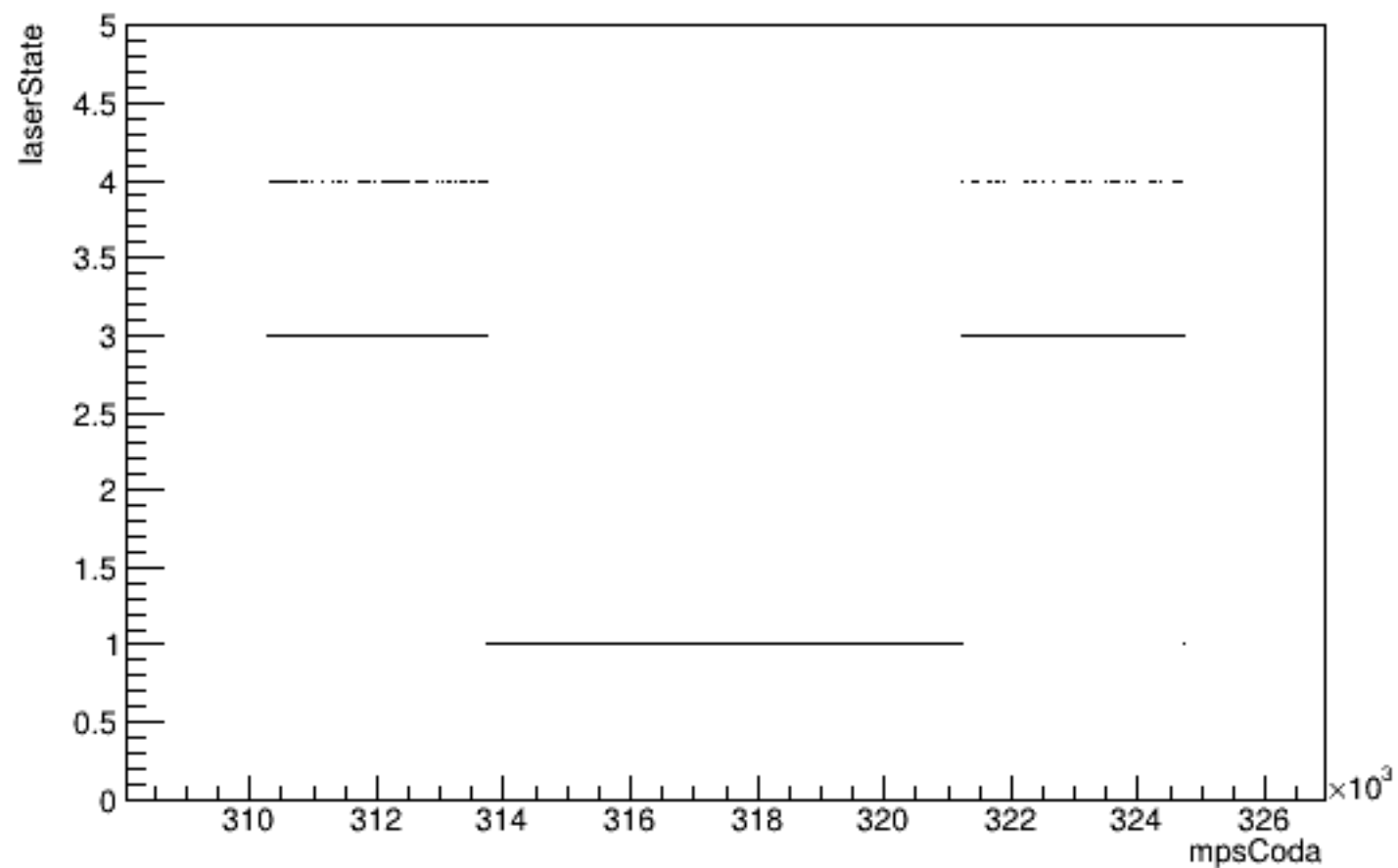
Run 5600 quartetwise, Asyms



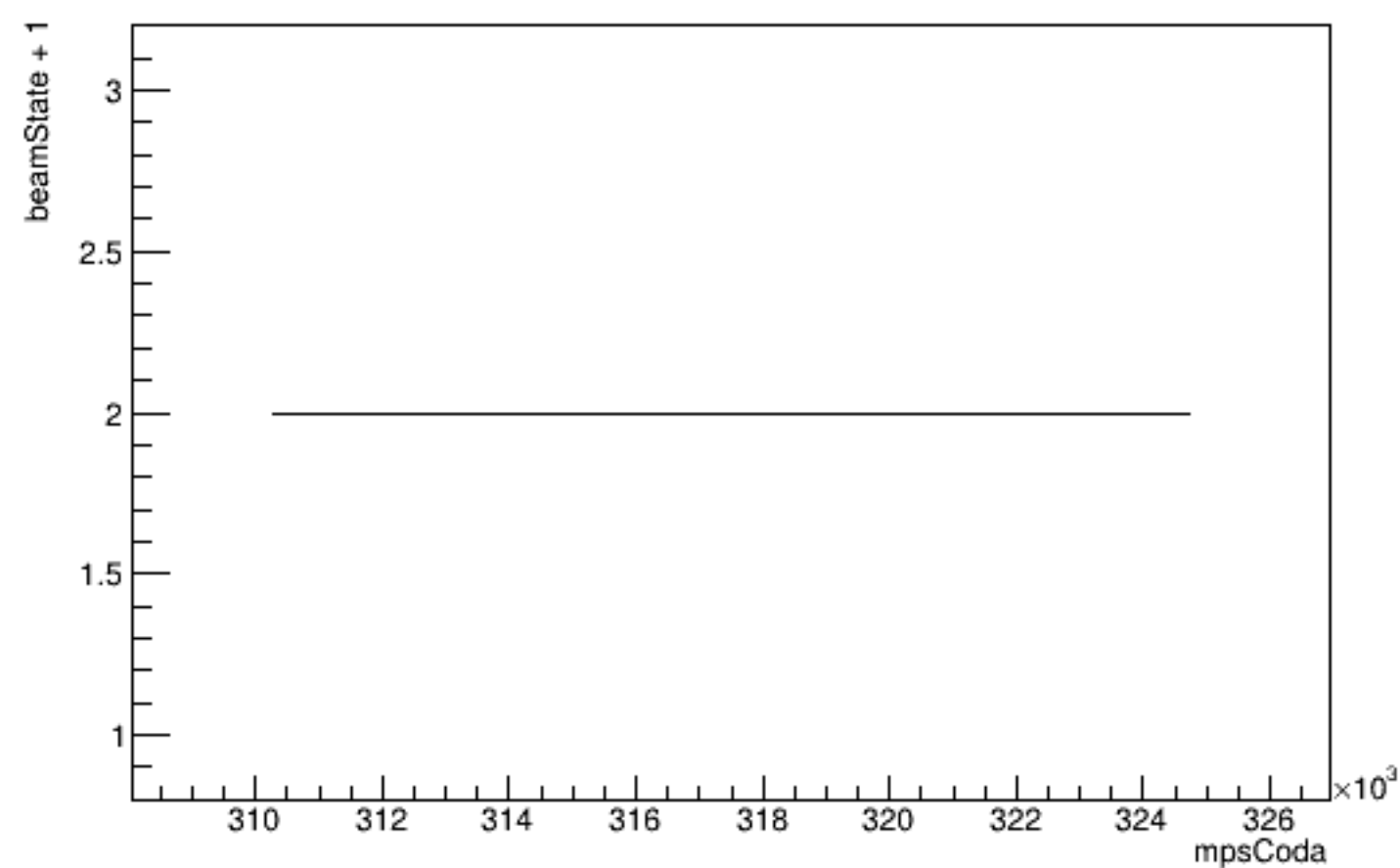
Acc0/NAcc0:mpsCoda (mpsCoda>=310296 && mpsCoda<=324703 && beamState==1)



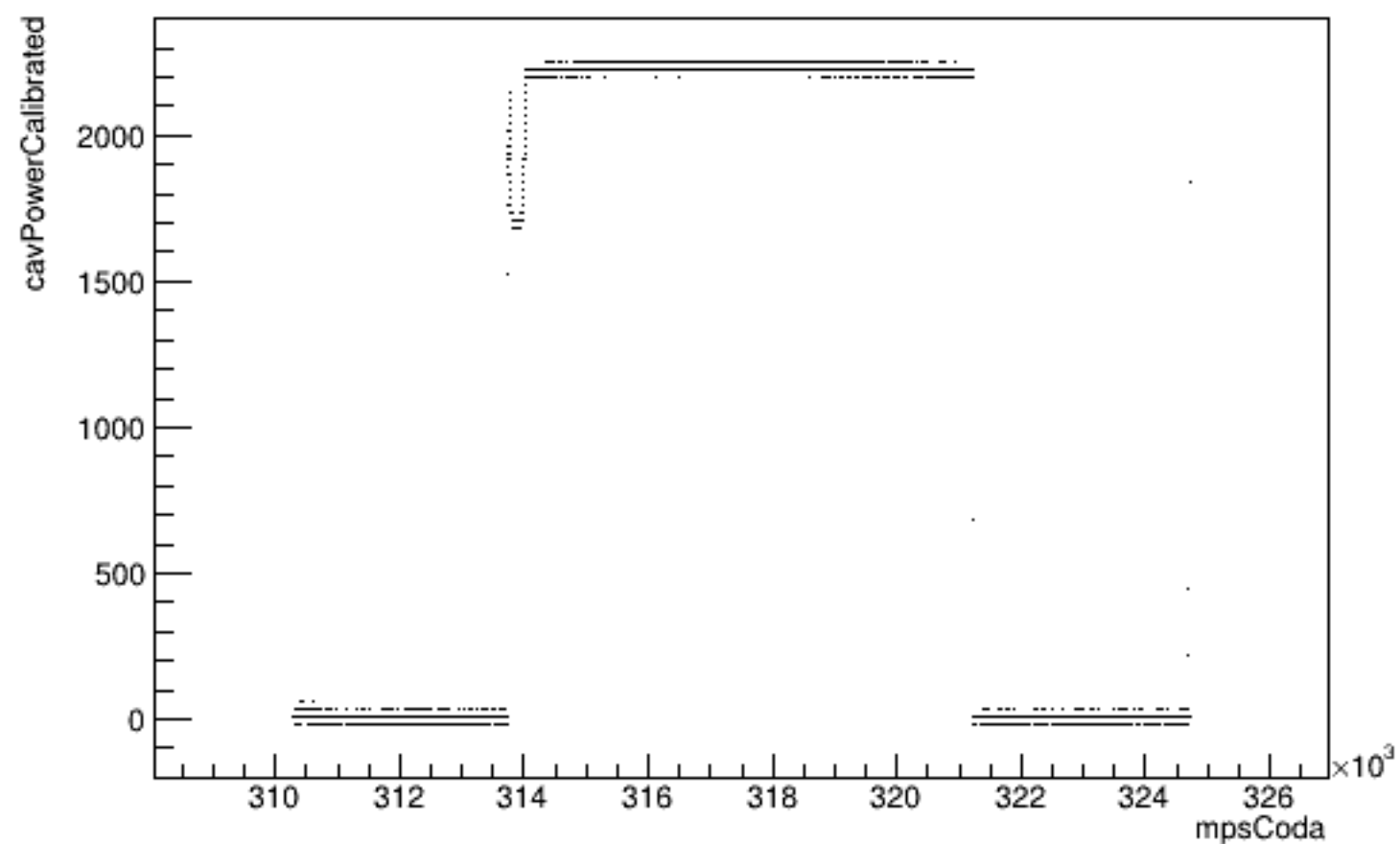
laserState:mpsCoda {mpsCoda>=310296 && mpsCoda<=324703}



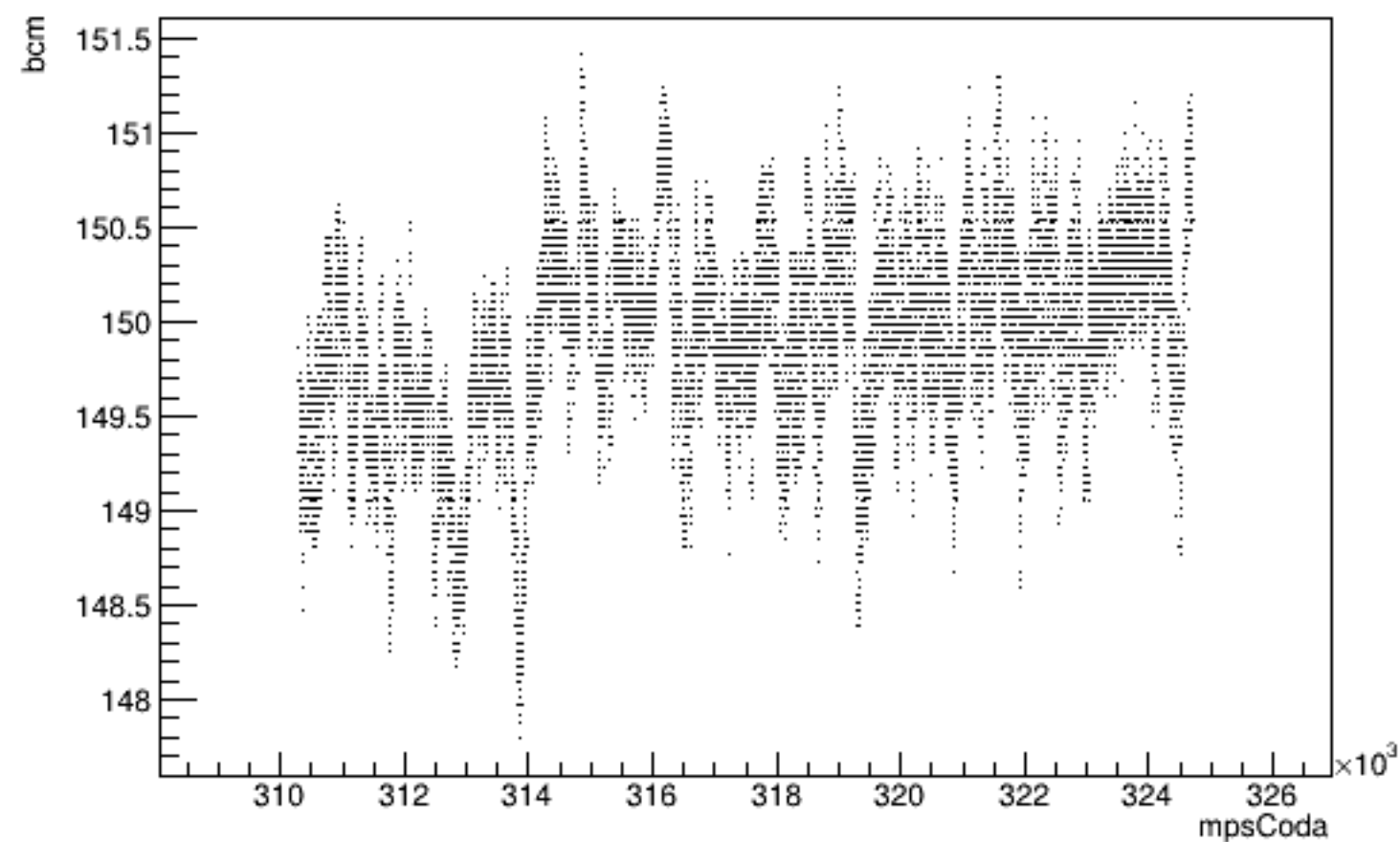
beamState + 1:mpsCoda {mpsCoda>=310296 && mpsCoda<=324703}



cavPowerCalibrated:mpsCoda {mpsCoda>=310296 && mpsCoda<=324703}



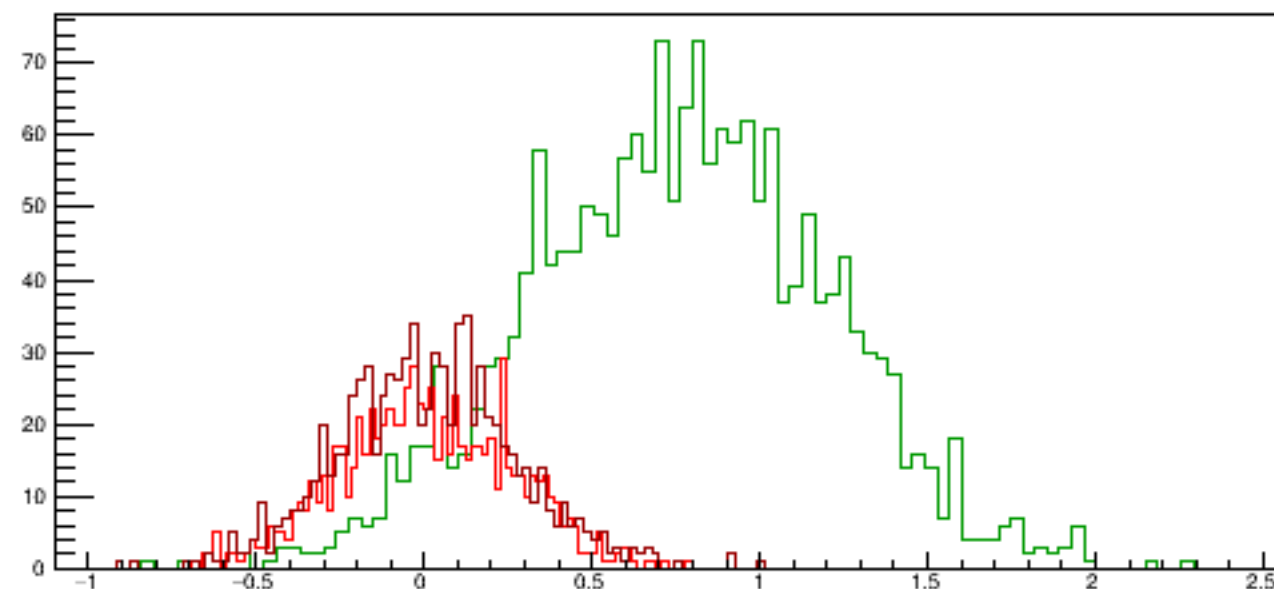
bcm:mpsCoda {mpsCoda>=310296 && mpsCoda<=324703}



Cycle 16, Diffs

Entries: 822	Entries: 1909	Entries: 813
Mean: 0.0077 +/- 0.0090	Mean: 0.7539 +/- 0.0102	Mean: 0.0083 +/- 0.0093
Std Dev: 0.2578 +/- 0.0064	Std Dev: 0.4463 +/- 0.0072	Std Dev: 0.2647 +/- 0.0066

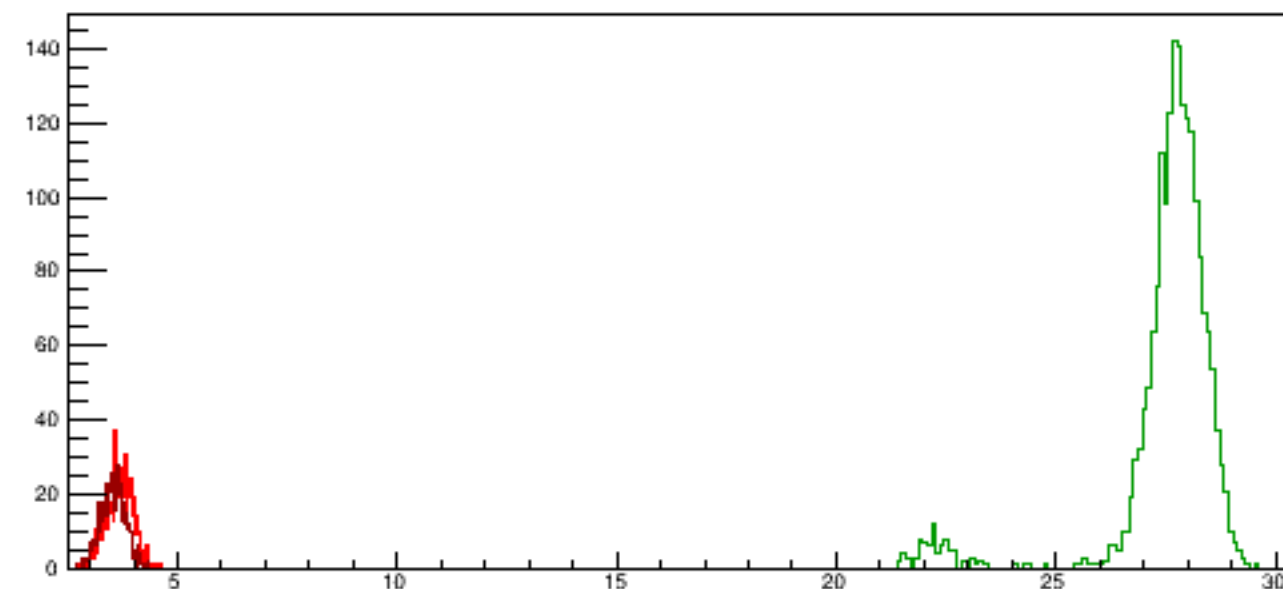
Run 5600 quartetwise, Diffs



Cycle 16, Sums

Entries: 822	Entries: 1909	Entries: 813
Mean: 3.6637 +/- 0.0107	Mean: 27.5547 +/- 0.0288	Mean: 3.5217 +/- 0.0100
Std Dev: 0.3063 +/- 0.0076	Std Dev: 1.2582 +/- 0.0204	Std Dev: 0.2856 +/- 0.0071

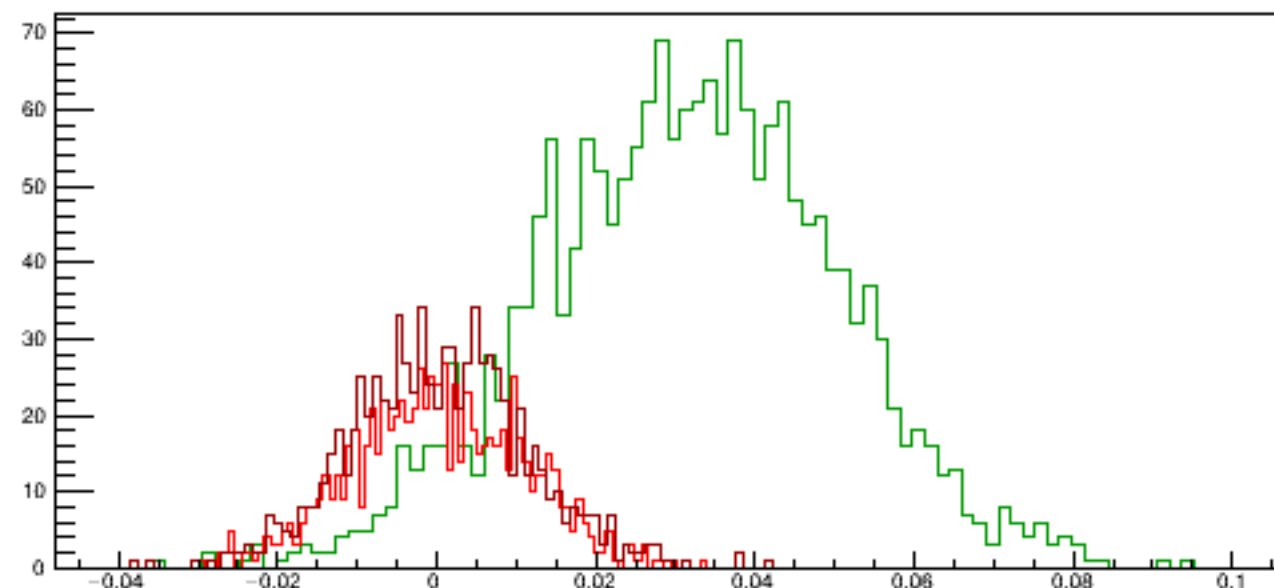
Run 5600 quartetwise, Sums



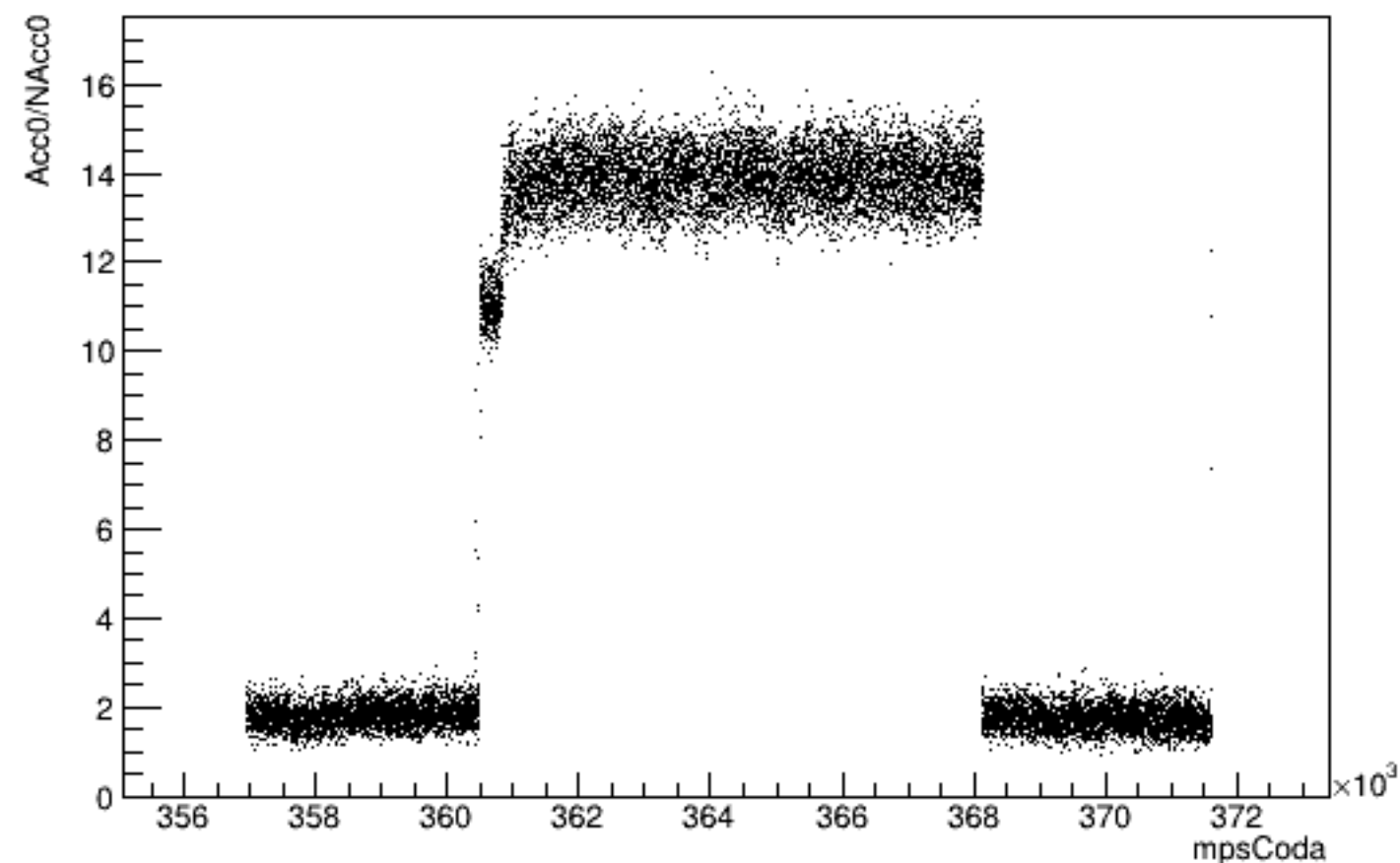
Cycle 16, Asyms

Entries: 822	Entries: 1909	Entries: 813
Mean: 0.0003 +/- 0.0004	Mean: 0.0315 +/- 0.0004	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0186 +/- 0.0003	Std Dev: 0.0110 +/- 0.0003

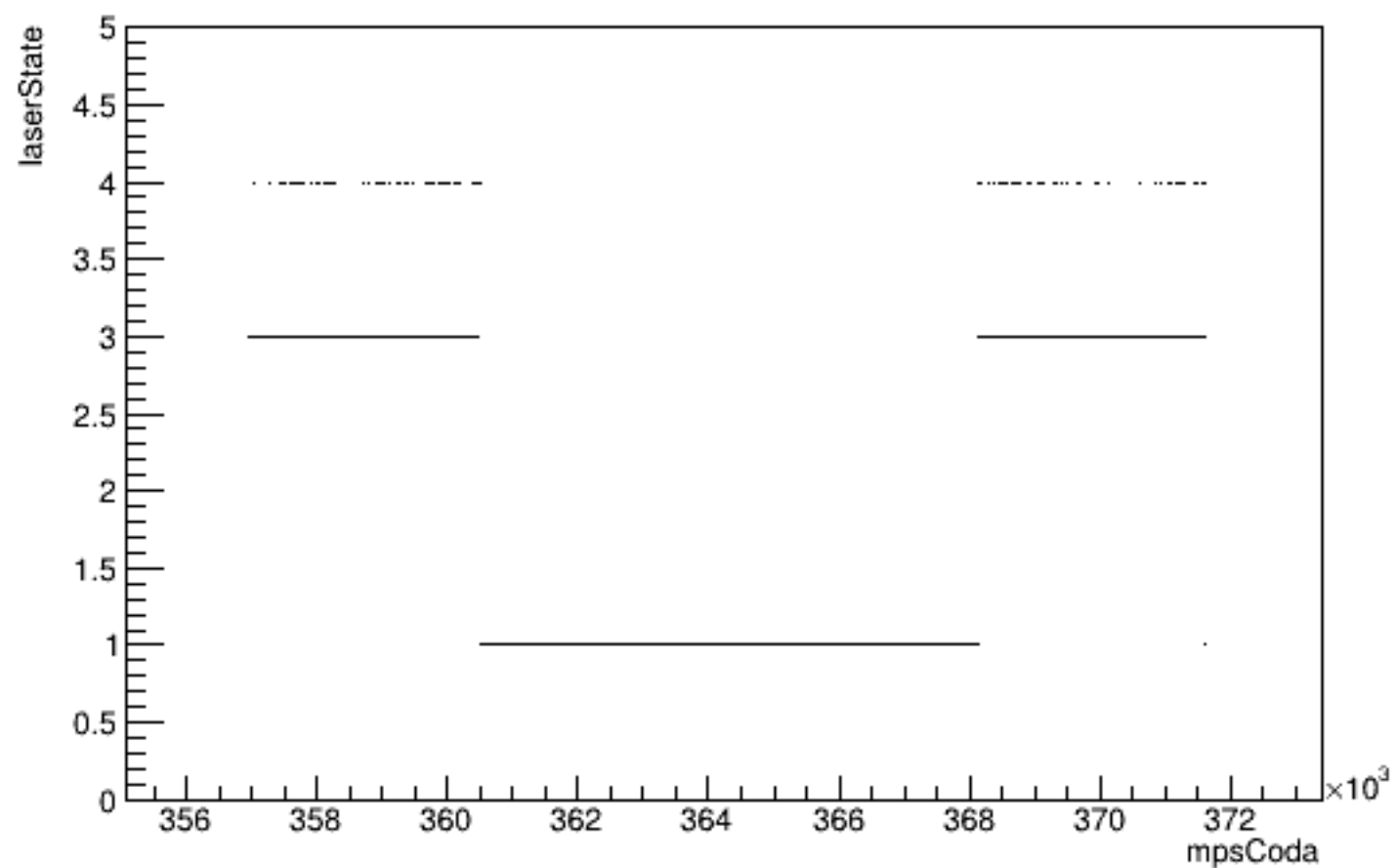
Run 5600 quartetwise, Asyms



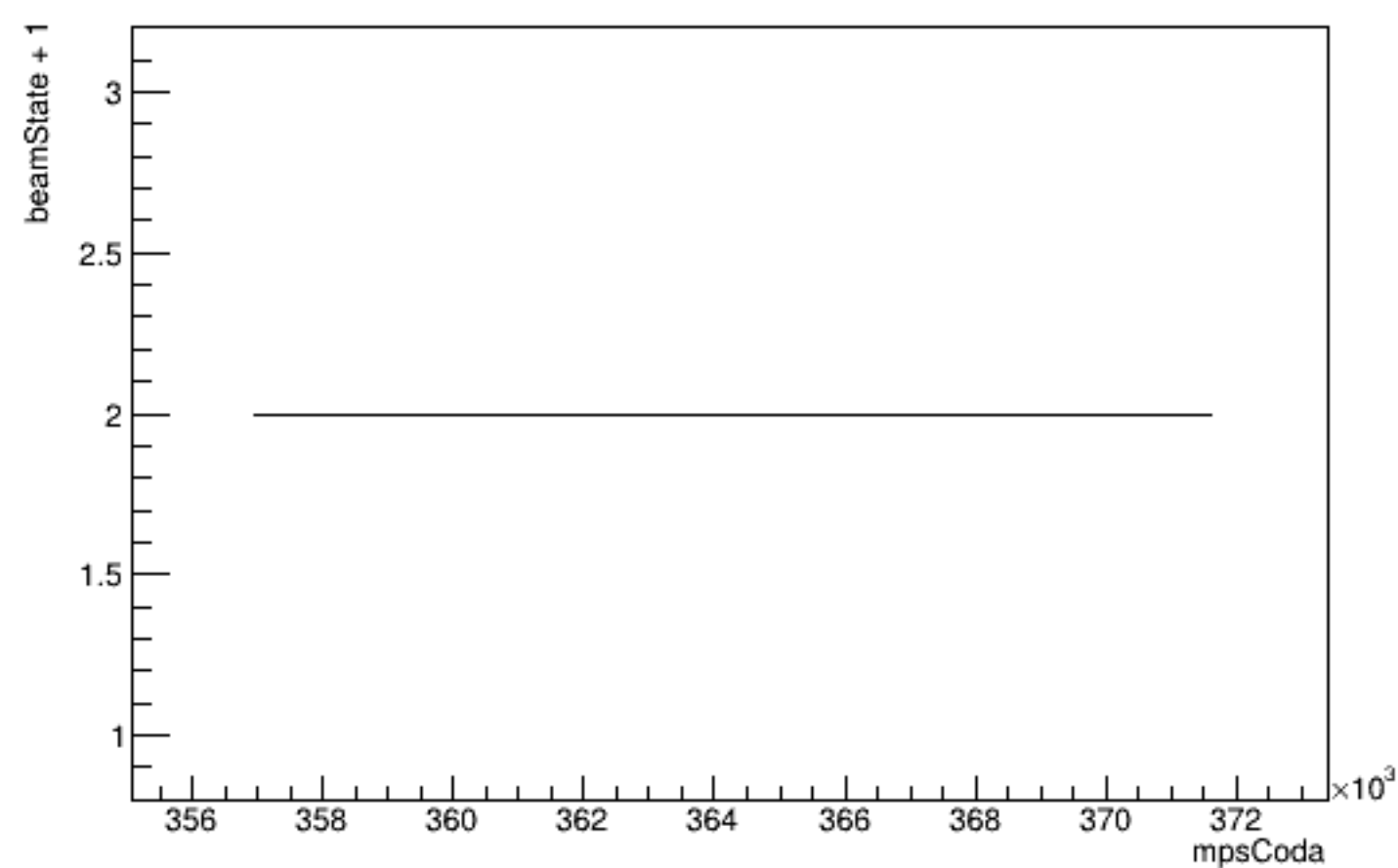
Acc0/NAcc0:mpsCoda (mpsCoda>=356948 && mpsCoda<=371611 && beamState==1)



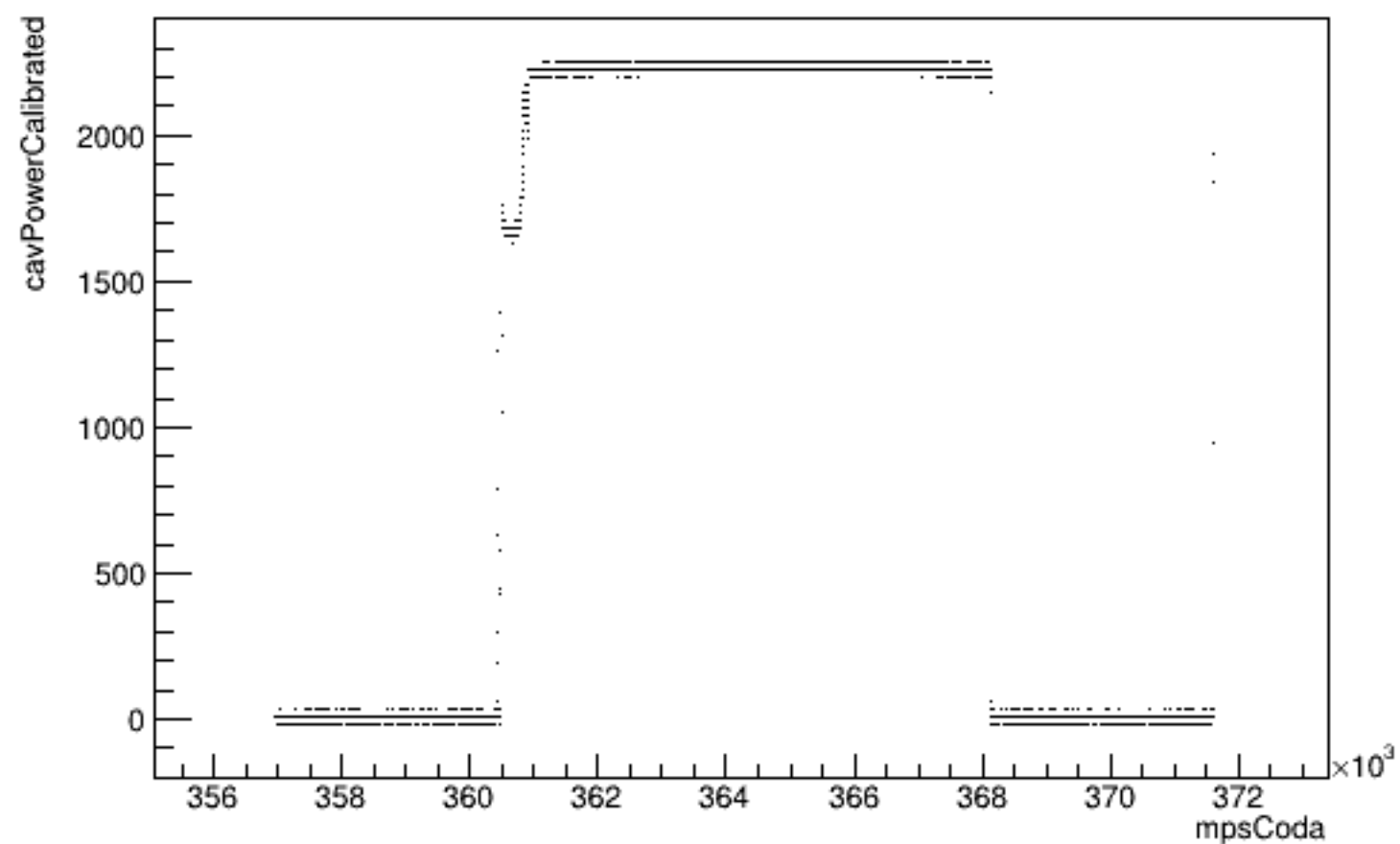
laserState:mpsCoda {mpsCoda>=356948 && mpsCoda<=371611}



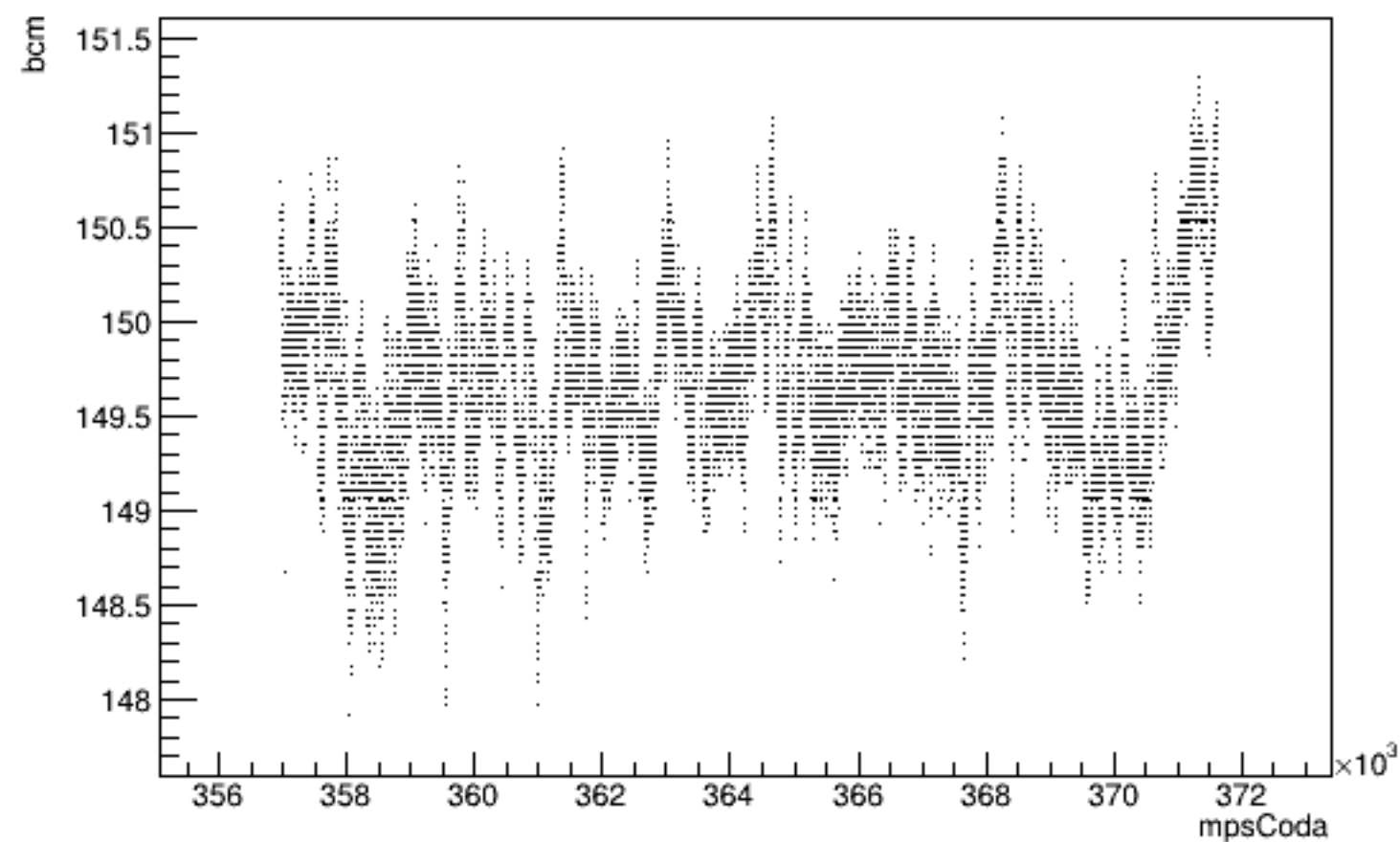
beamState + 1:mpsCoda {mpsCoda>=356948 && mpsCoda<=371611}



cavPowerCalibrated:mpsCoda {mpsCoda>=356948 && mpsCoda<=371611}



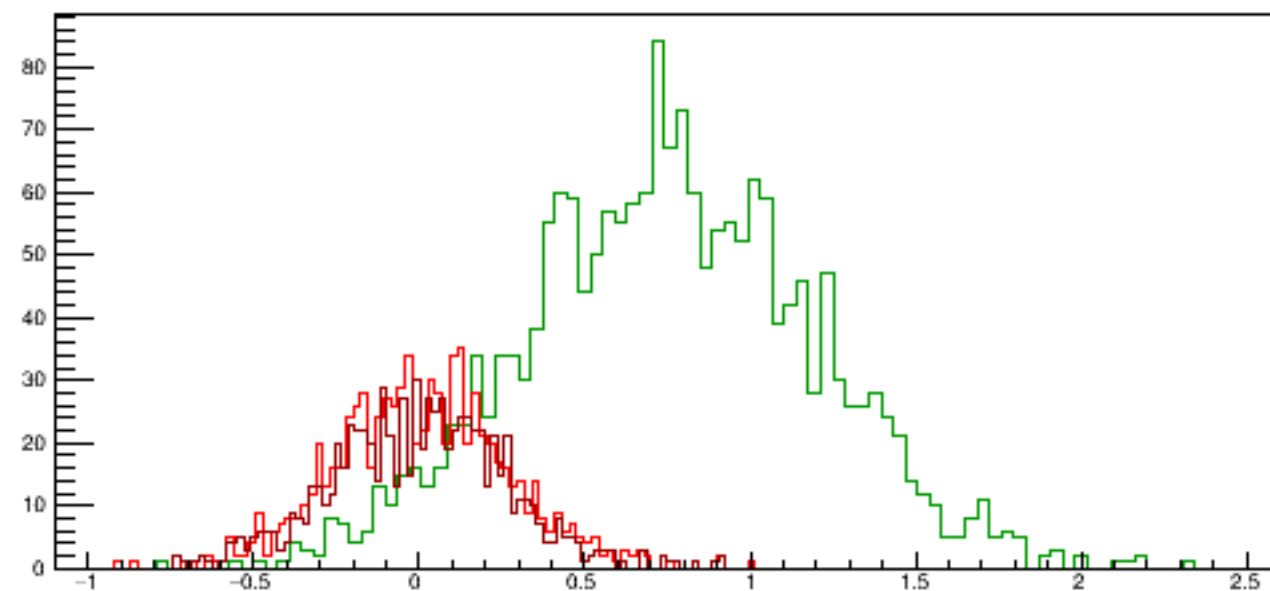
bcm:mpsCoda {mpsCoda>=356948 && mpsCoda<=371611}



Cycle 17, Diffs

Entries: 813	Entries: 1923	Entries: 801
Mean: 0.0083 +/- 0.0093	Mean: 0.7539 +/- 0.0100	Mean: -0.0001 +/- 0.0093
Std Dev: 0.2647 +/- 0.0066	Std Dev: 0.4398 +/- 0.0071	Std Dev: 0.2642 +/- 0.0066

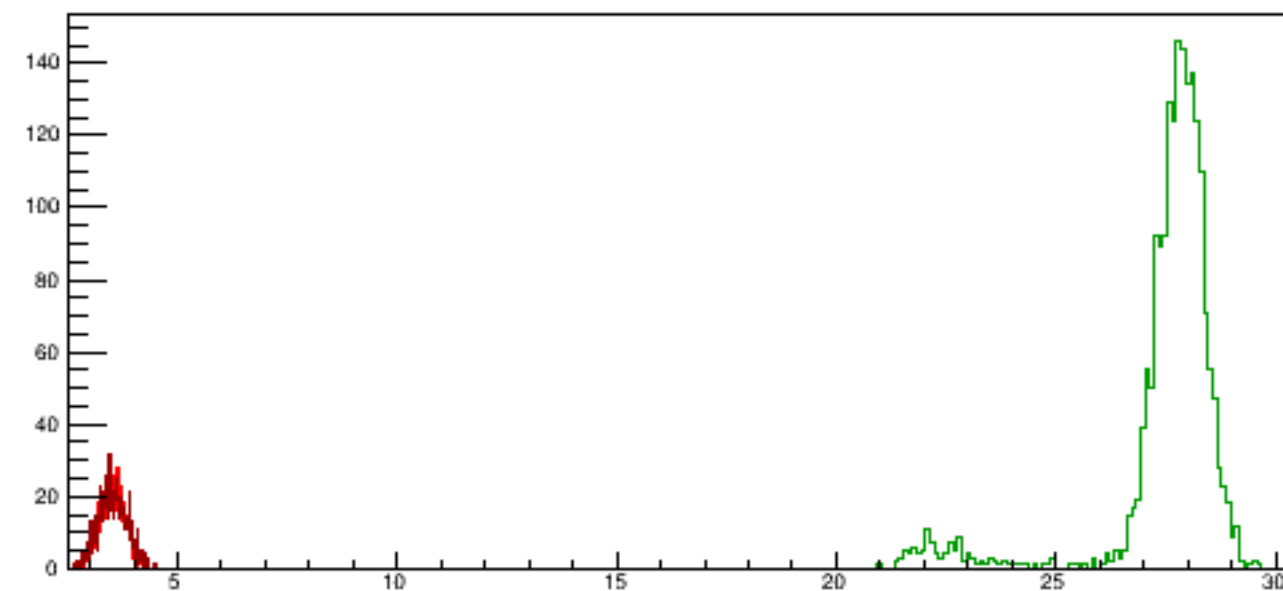
Run 5600 quartetwise, Diffs



Cycle 17, Sums

Entries: 813	Entries: 1923	Entries: 801
Mean: 3.5217 +/- 0.0100	Mean: 27.5349 +/- 0.0308	Mean: 3.5225 +/- 0.0110
Std Dev: 0.2856 +/- 0.0071	Std Dev: 1.3489 +/- 0.0218	Std Dev: 0.3110 +/- 0.0078

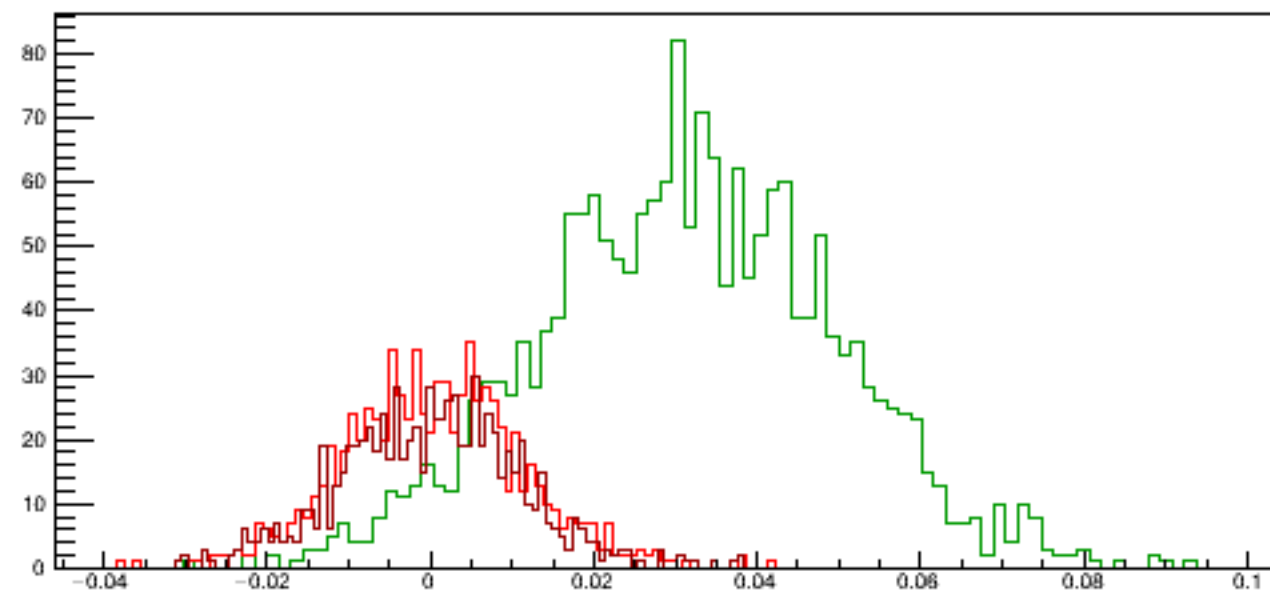
Run 5600 quartetwise, Sums



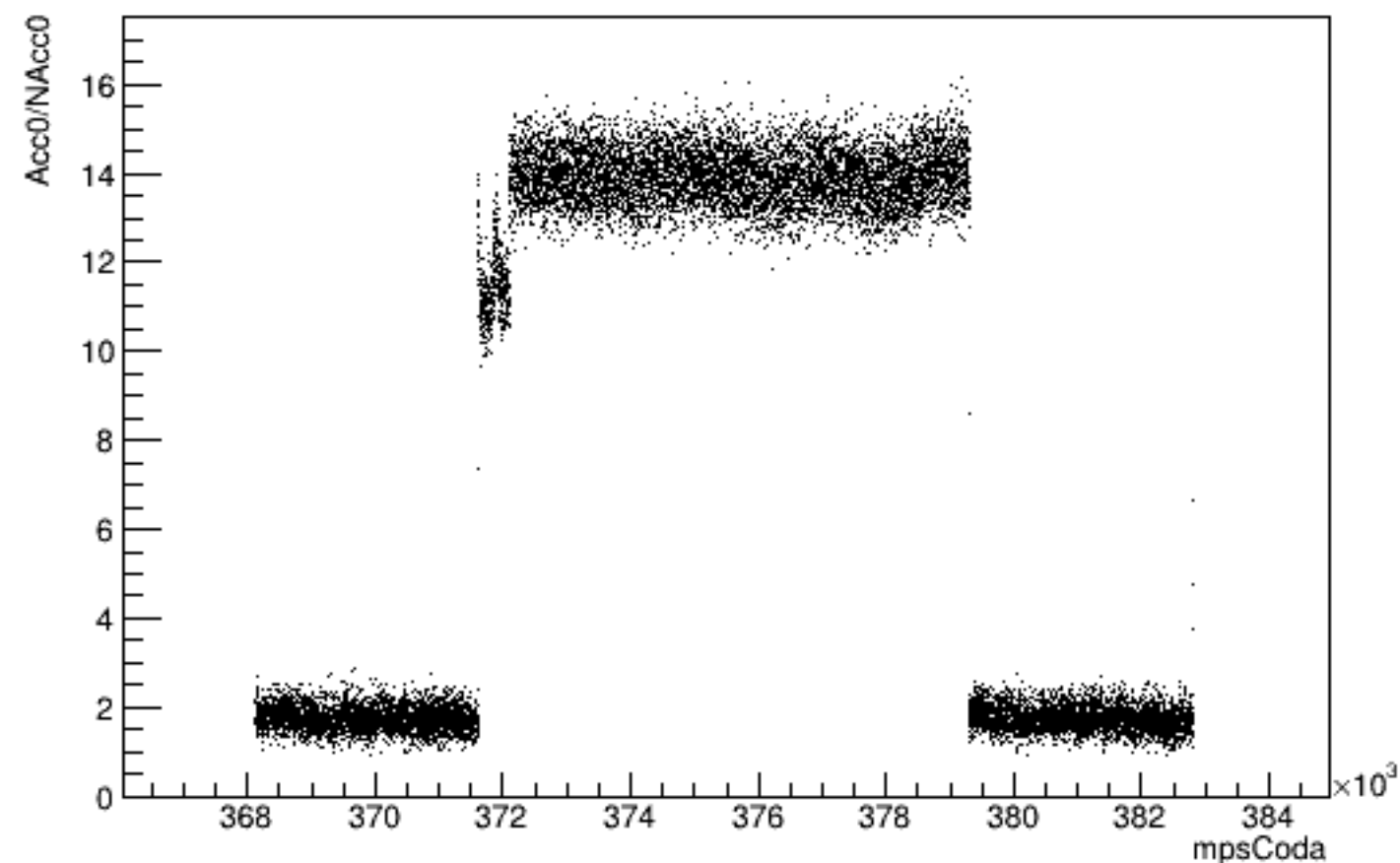
Cycle 17, Asyms

Entries: 813	Entries: 1923	Entries: 801
Mean: 0.0003 +/- 0.0004	Mean: 0.0314 +/- 0.0004	Mean: -0.0000 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0183 +/- 0.0003	Std Dev: 0.0110 +/- 0.0003

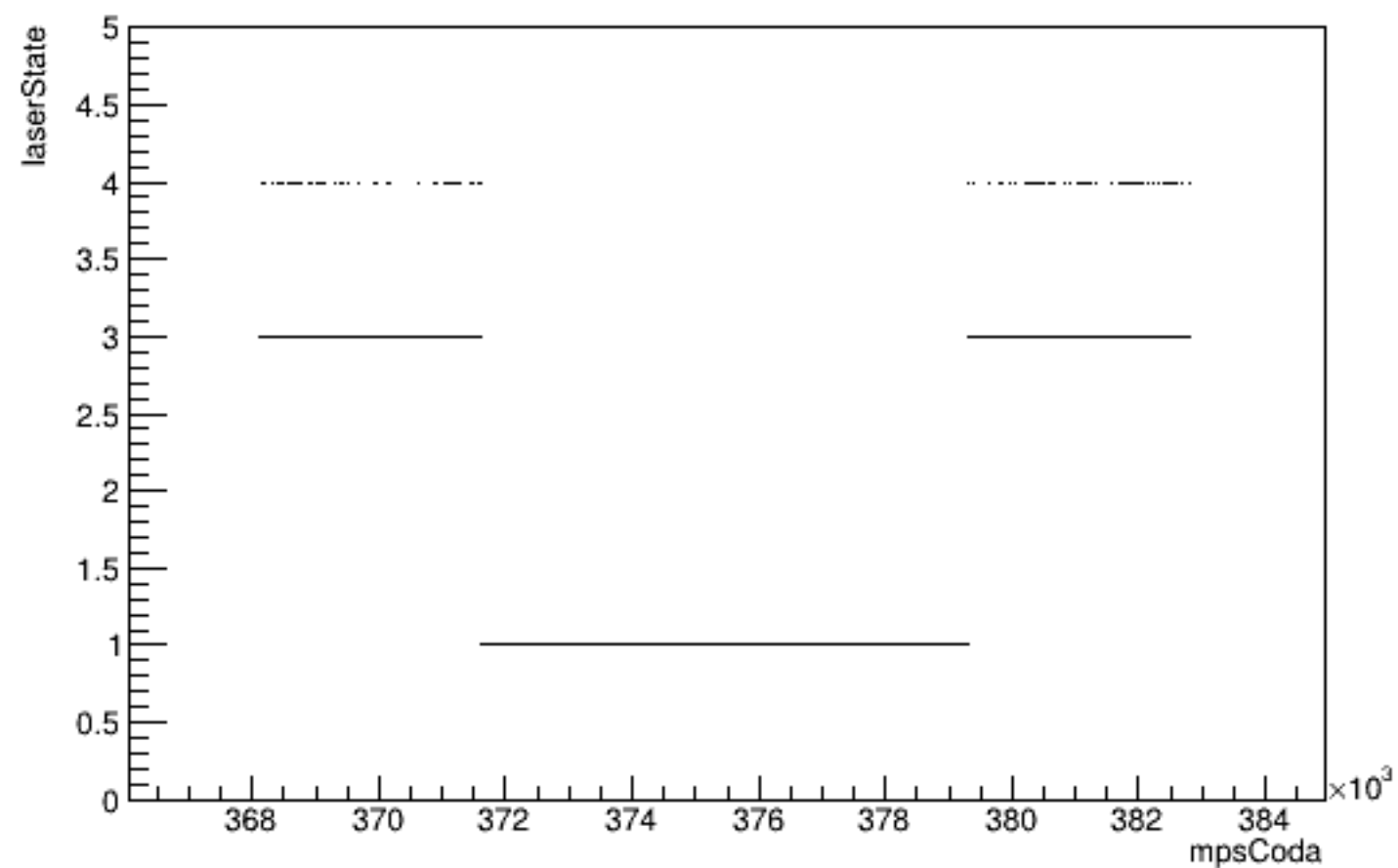
Run 5600 quartetwise, Asyms



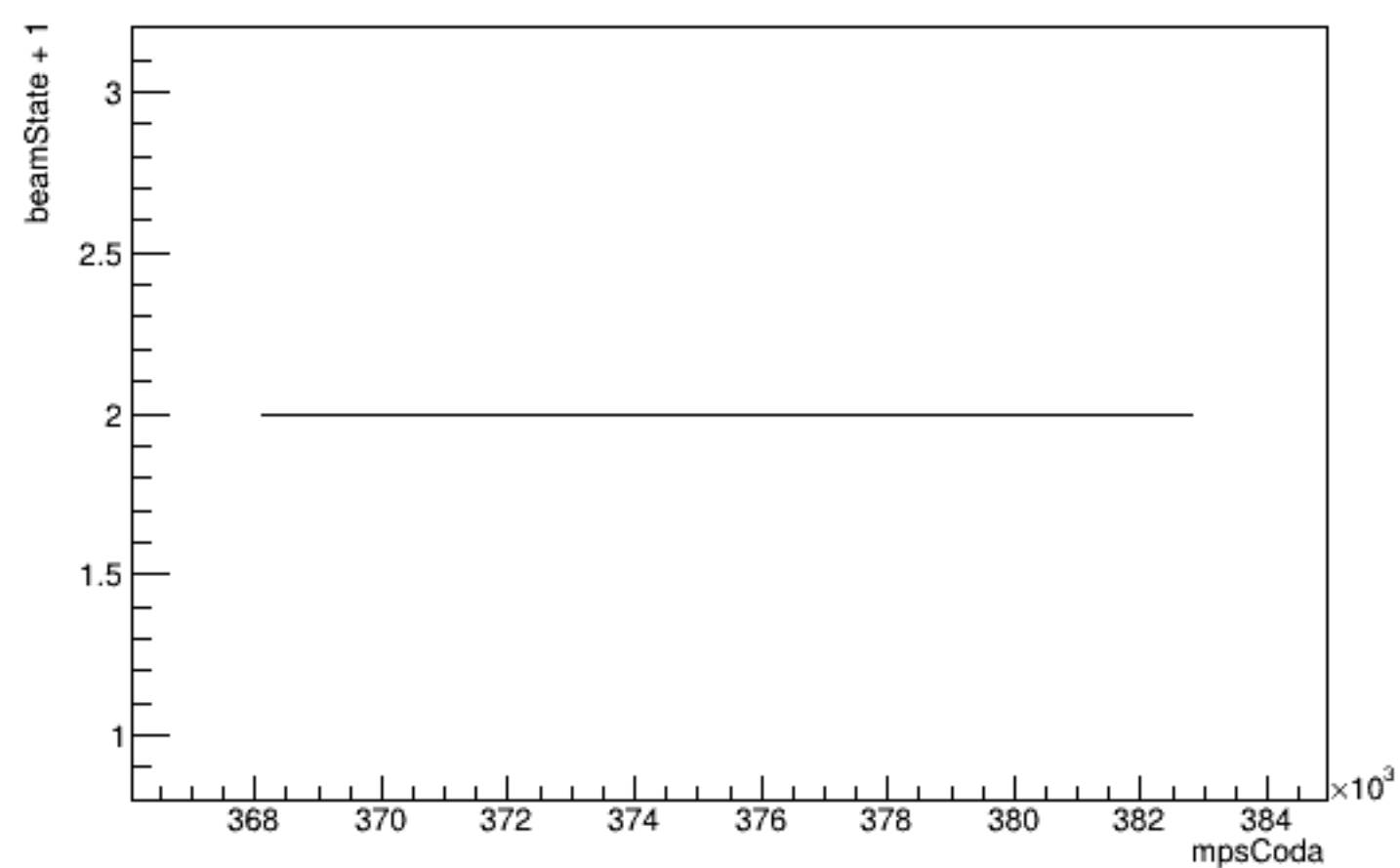
Acc0/NAcc0:mpsCoda (mpsCoda>=368128 && mpsCoda<=382803 && beamState==1)



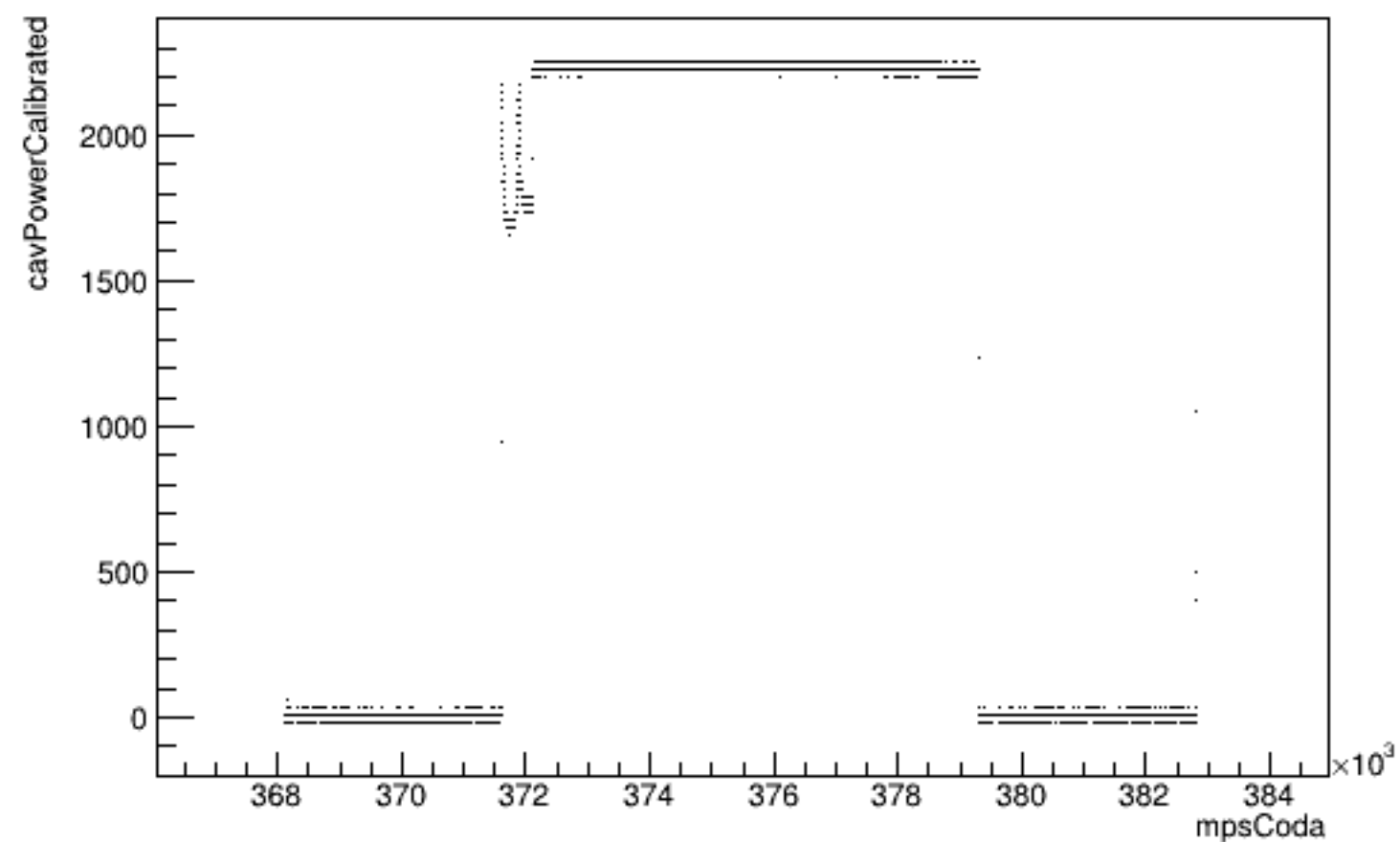
laserState:mpsCoda {mpsCoda>=368128 && mpsCoda<=382803}



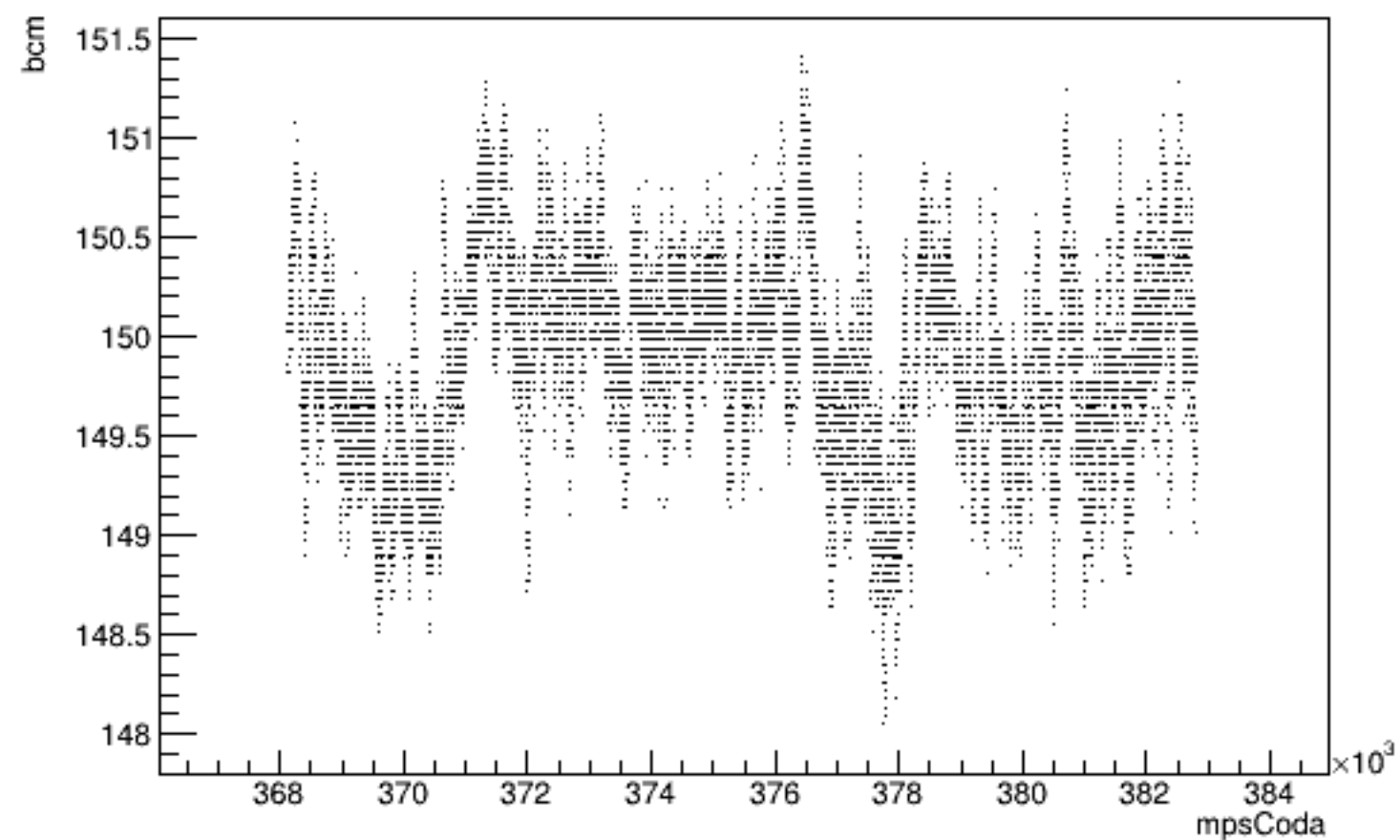
beamState + 1:mpsCoda {mpsCoda>=368128 && mpsCoda<=382803}



cavPowerCalibrated:mpsCoda {mpsCoda>=368128 && mpsCoda<=382803}



bcm:mpsCoda {mpsCoda>=368128 && mpsCoda<=382803}



Cycle 18, Diffs

Entries: 801

Mean: -0.0001 +/- 0.0093

Std Dev: 0.2642 +/- 0.0066

Entries: 915

Mean: 0.6875 +/- 0.0165

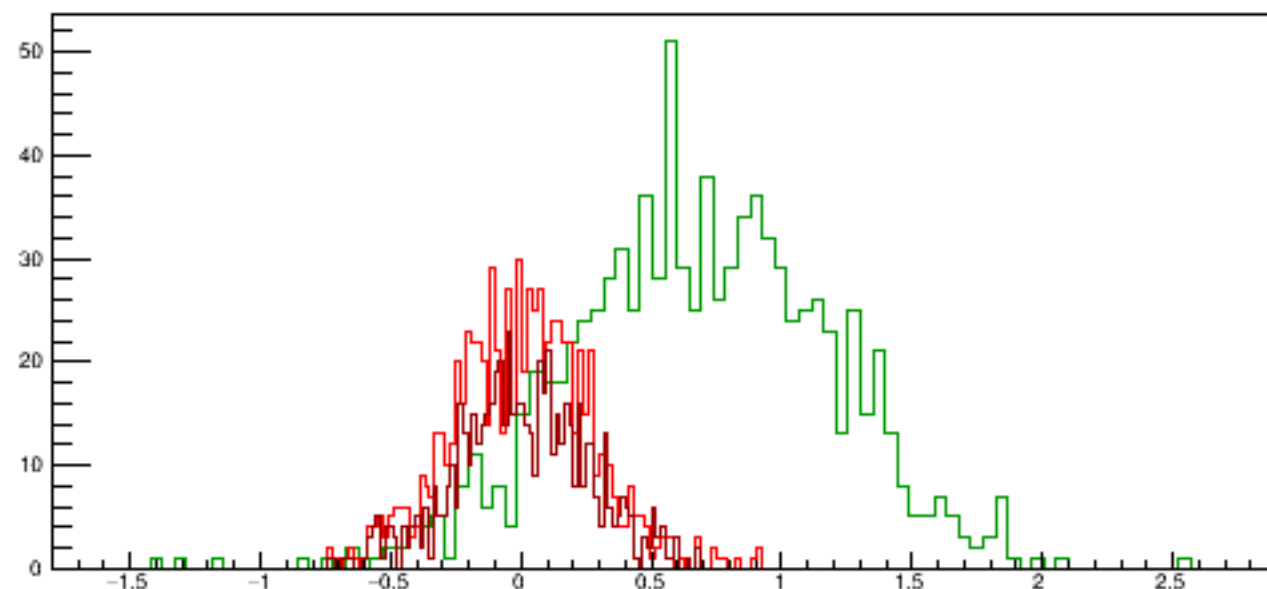
Std Dev: 0.5004 +/- 0.0117

Entries: 632

Mean: 0.0034 +/- 0.0102

Std Dev: 0.2562 +/- 0.0072

Run 5600 quartetwise, Diffs



Cycle 18, Sums

Entries: 801

Mean: 3.5225 +/- 0.0110

Std Dev: 0.3110 +/- 0.0078

Entries: 915

Mean: 24.7839 +/- 0.1194

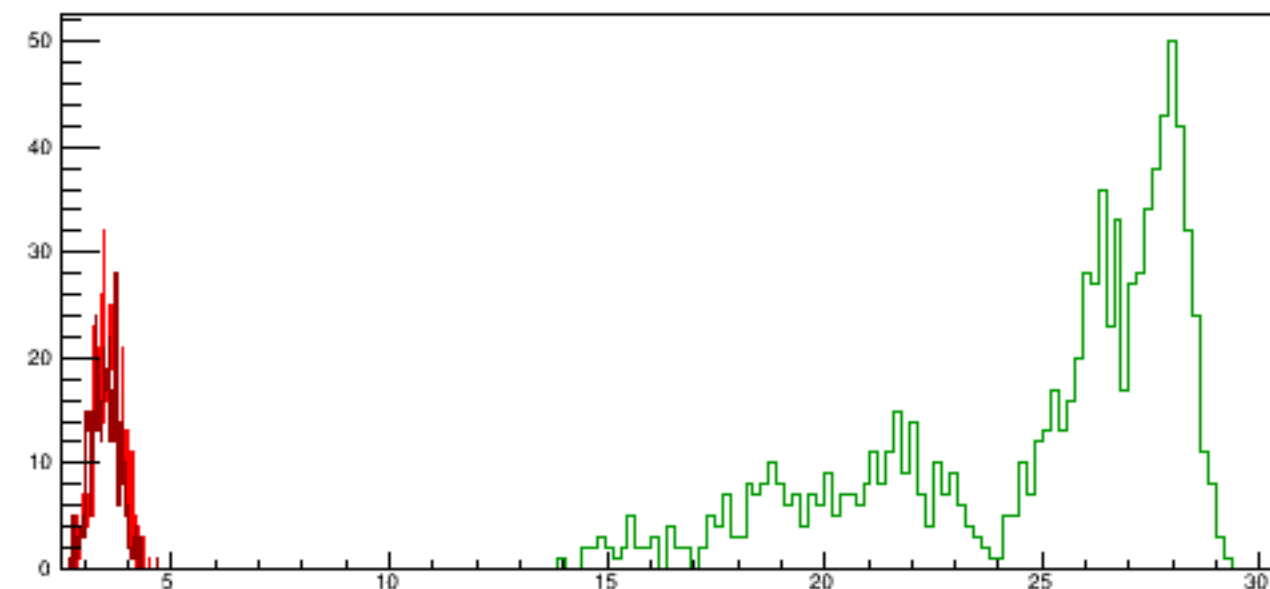
Std Dev: 3.6107 +/- 0.0844

Entries: 632

Mean: 3.4678 +/- 0.0124

Std Dev: 0.3106 +/- 0.0087

Run 5600 quartetwise, Sums



Cycle 18, Asyms

Entries: 801

Mean: -0.0000 +/- 0.0004

Std Dev: 0.0124 +/- 0.0003

Entries: 915

Mean: 0.0325 +/- 0.0008

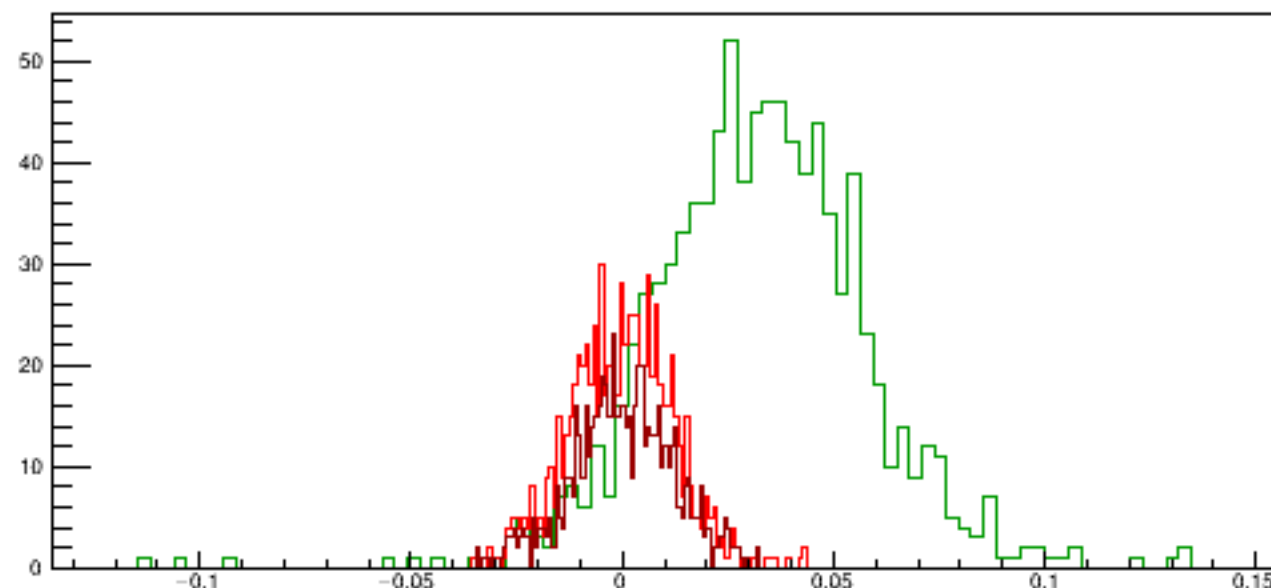
Std Dev: 0.0257 +/- 0.0006

Entries: 632

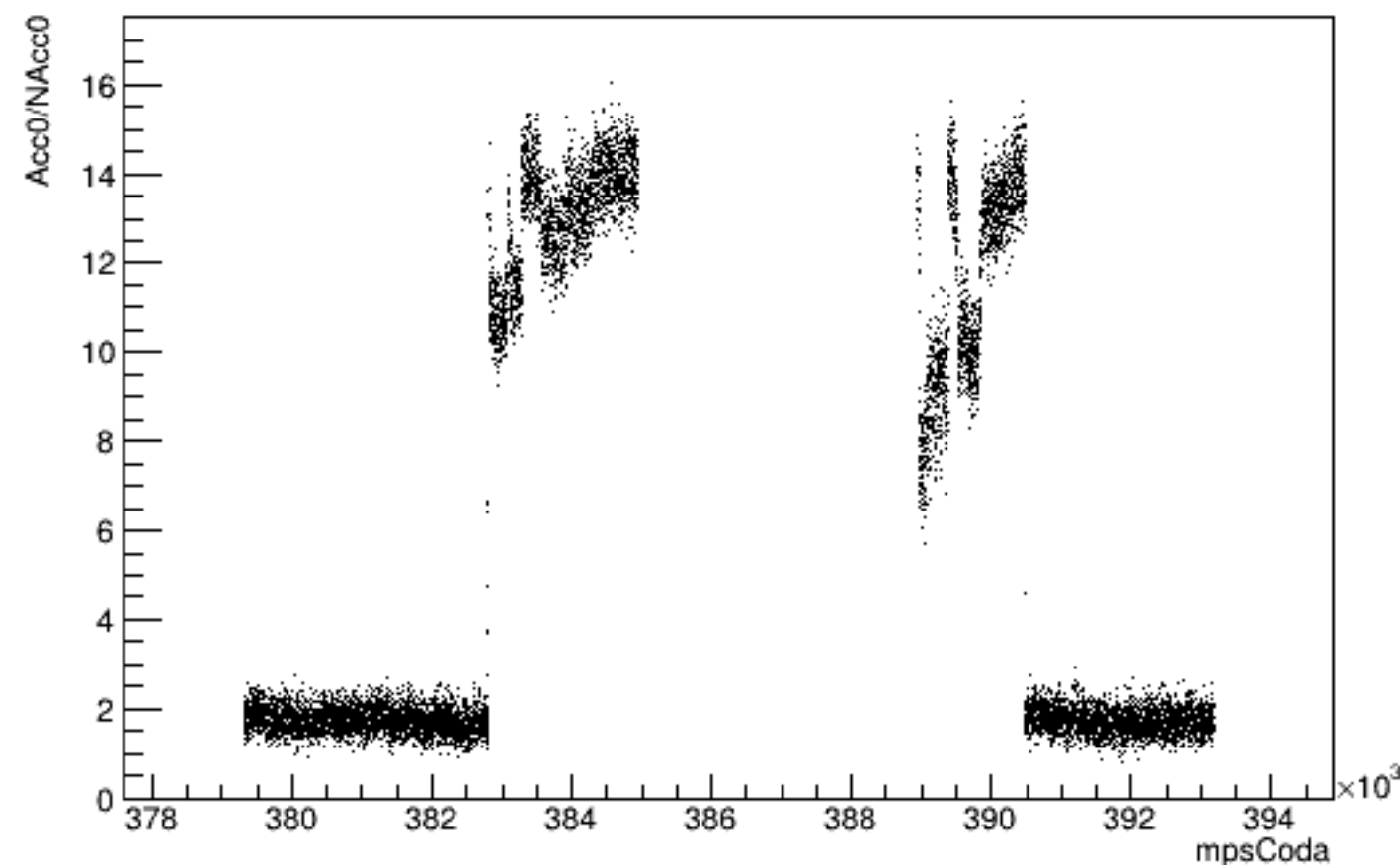
Mean: 0.0002 +/- 0.0005

Std Dev: 0.0120 +/- 0.0003

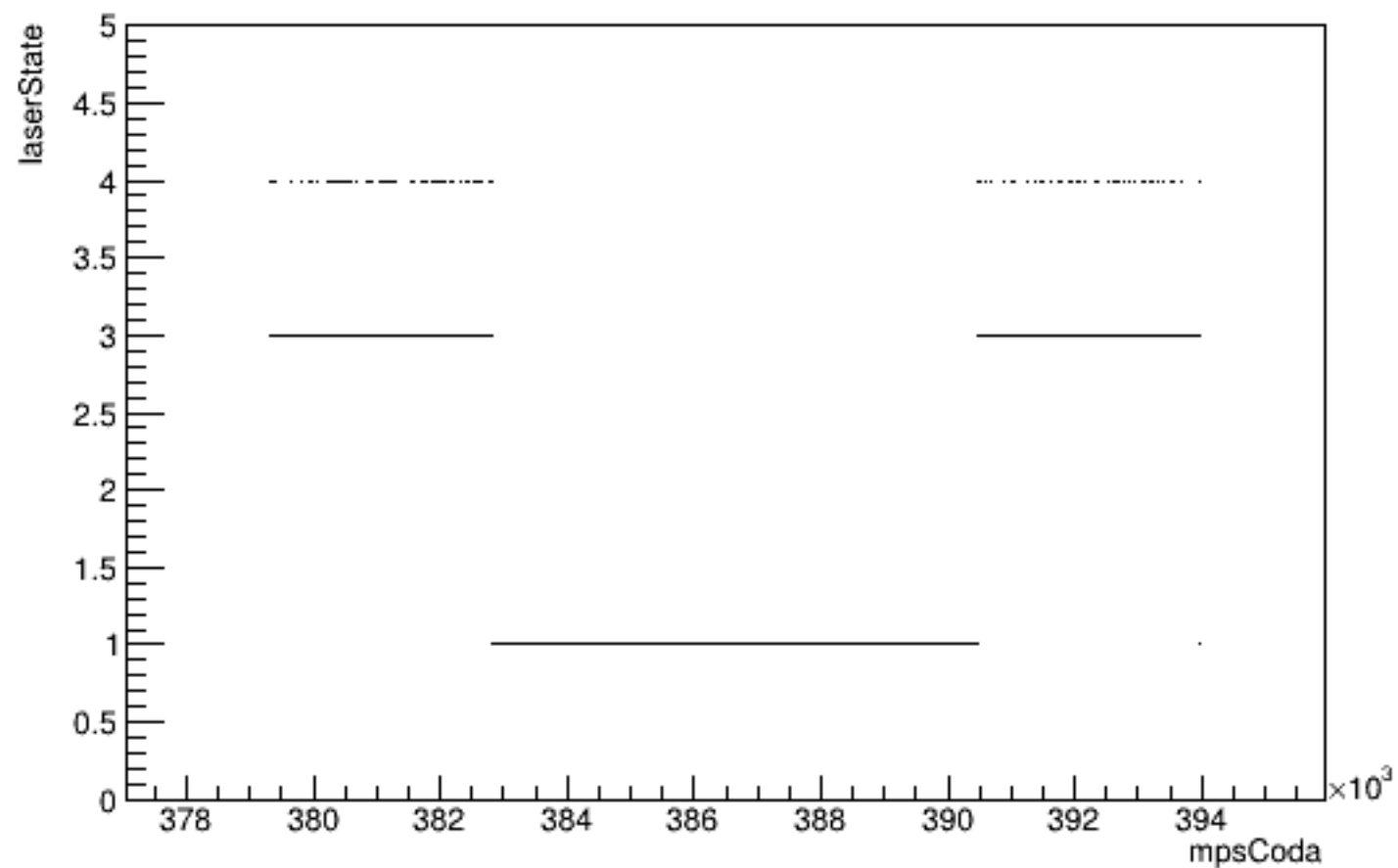
Run 5600 quartetwise, Asyms



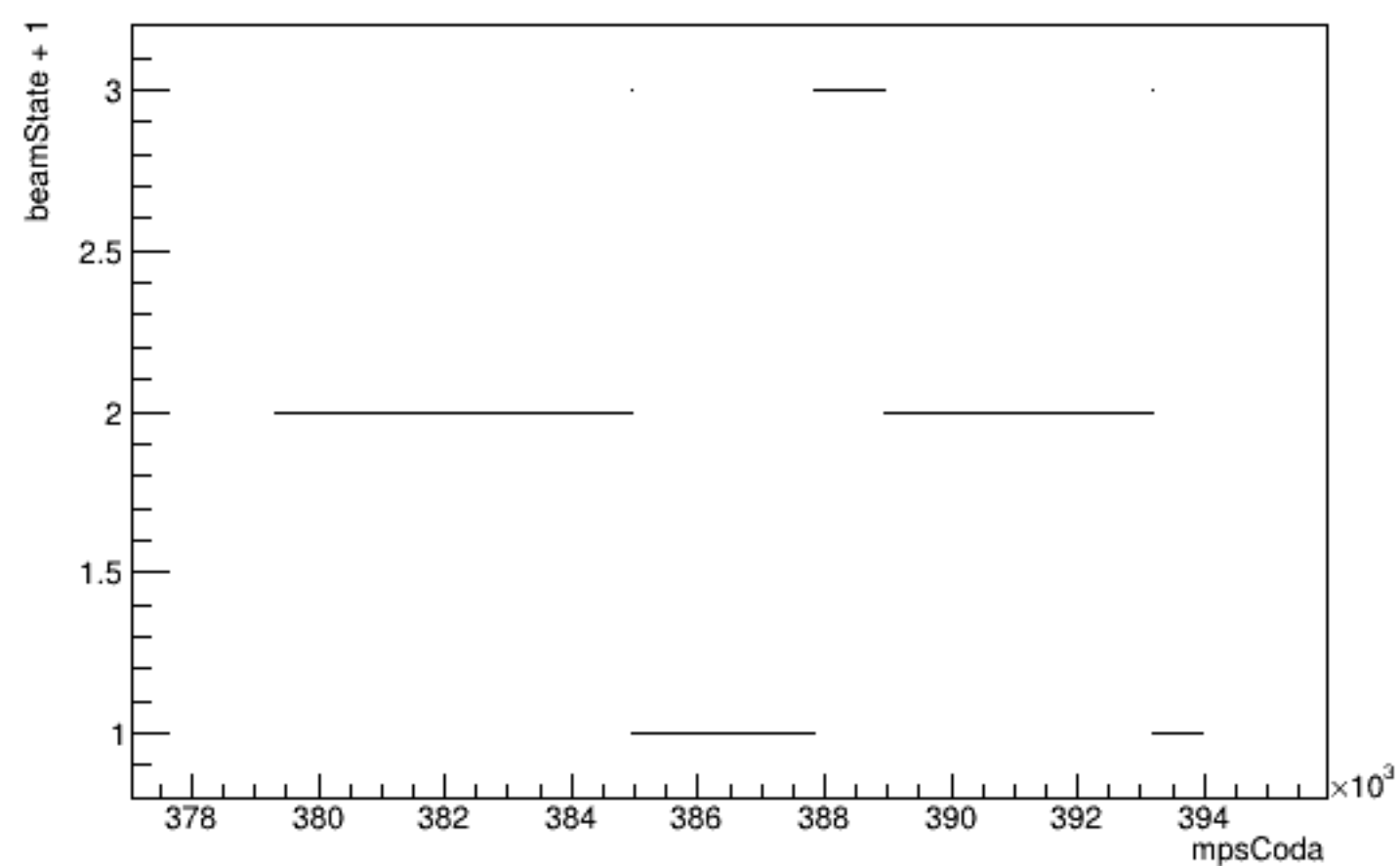
Acc0/NAcc0:mpsCoda (mpsCoda>=379308 && mpsCoda<=393983 && beamState==1)



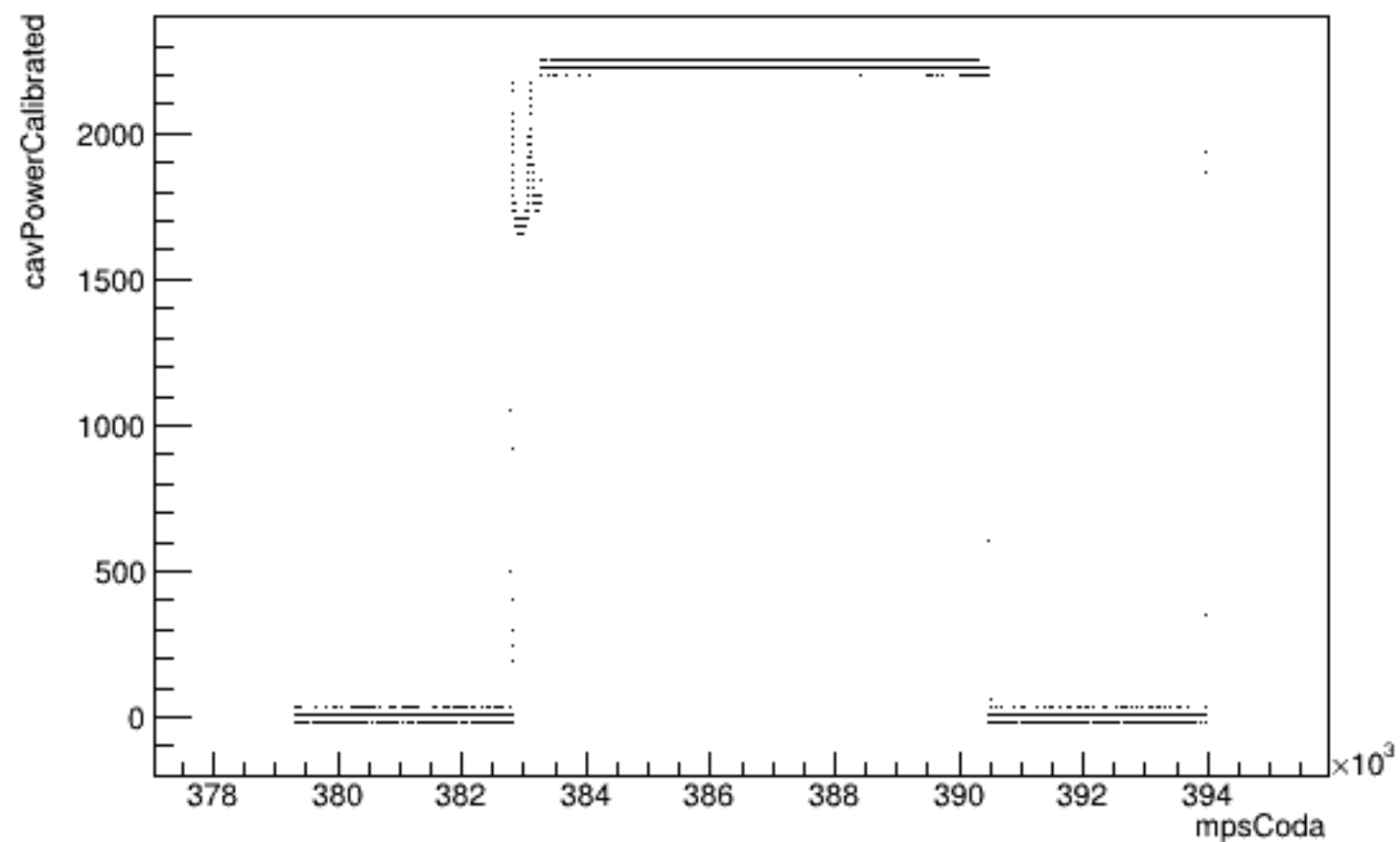
laserState:mpsCoda {mpsCoda>=379308 && mpsCoda<=393983}



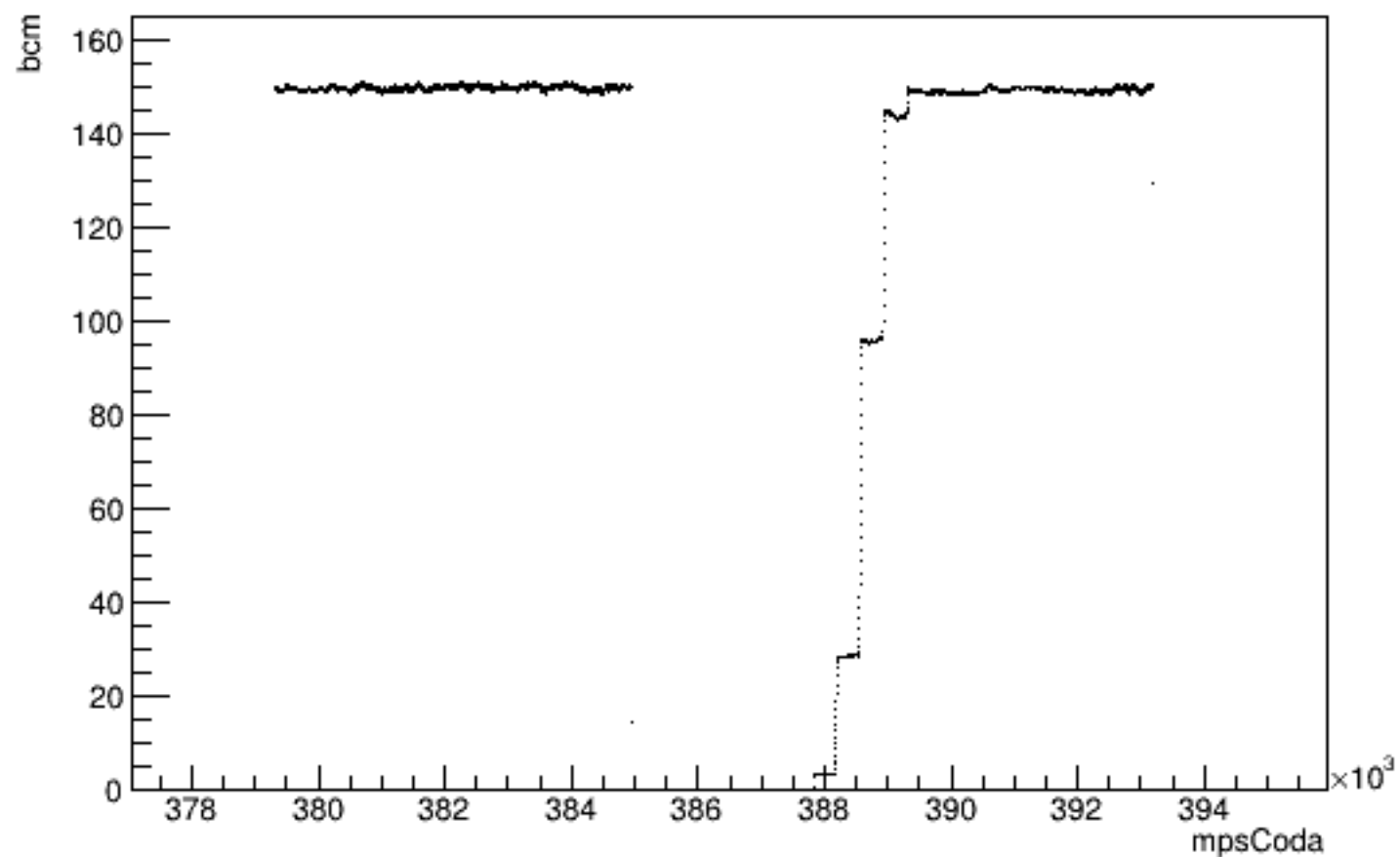
beamState + 1:mpsCoda {mpsCoda>=379308 && mpsCoda<=393983}



cavPowerCalibrated:mpsCoda {mpsCoda>=379308 && mpsCoda<=393983}



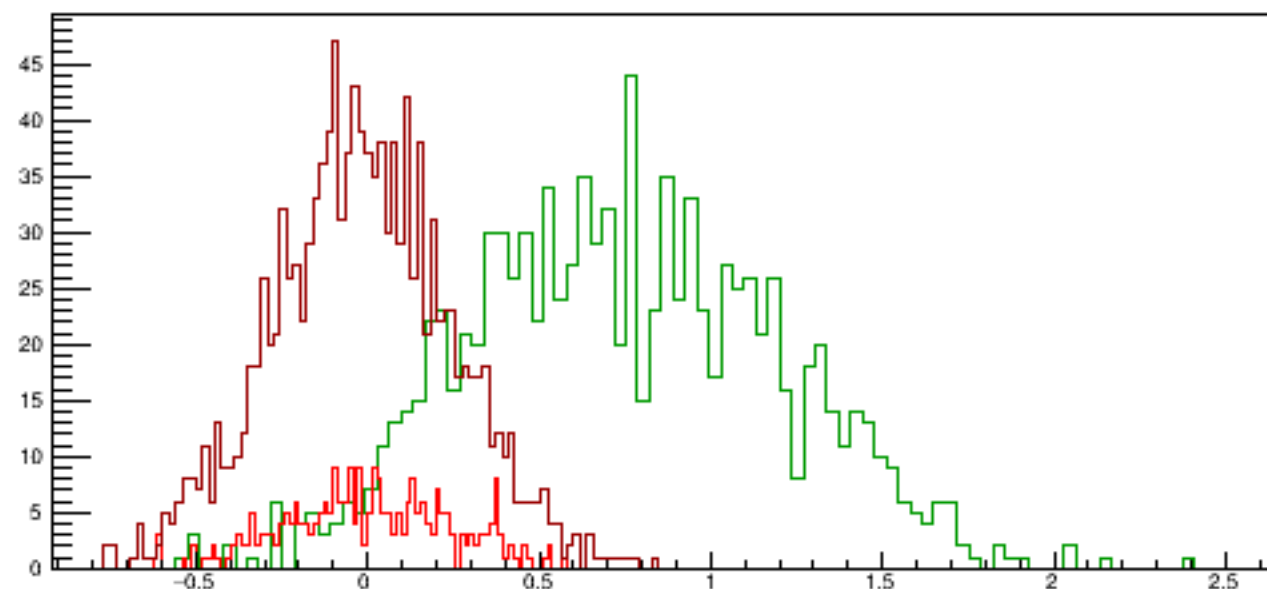
bcm:mpsCoda {mpsCoda>=379308 && mpsCoda<=393983}



Cycle 19, Diffs

Entries: 272	Entries: 1051	Entries: 1286
Mean: 0.0002 +/- 0.0148	Mean: 0.7435 +/- 0.0140	Mean: -0.0147 +/- 0.0073
Std Dev: 0.2445 +/- 0.0105	Std Dev: 0.4538 +/- 0.0099	Std Dev: 0.2601 +/- 0.0051

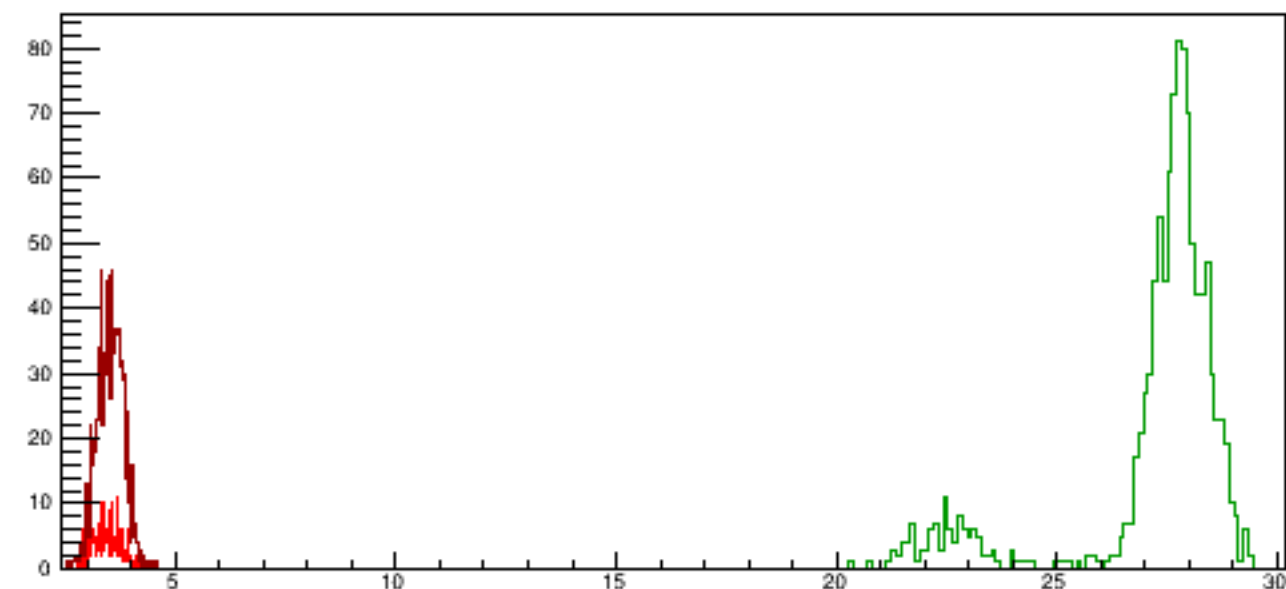
Run 5600 quartetwise, Diffs



Cycle 19, Sums

Entries: 272	Entries: 1051	Entries: 1286
Mean: 3.4497 +/- 0.0197	Mean: 27.2341 +/- 0.0538	Mean: 3.5083 +/- 0.0082
Std Dev: 0.3248 +/- 0.0139	Std Dev: 1.7452 +/- 0.0381	Std Dev: 0.2928 +/- 0.0058

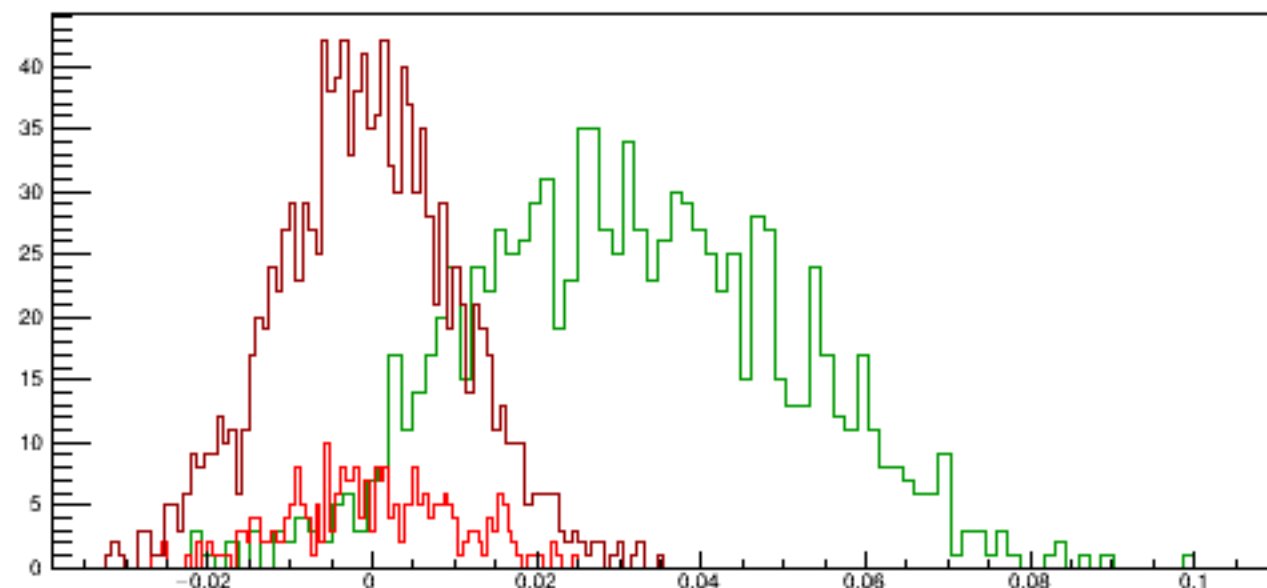
Run 5600 quartetwise, Sums



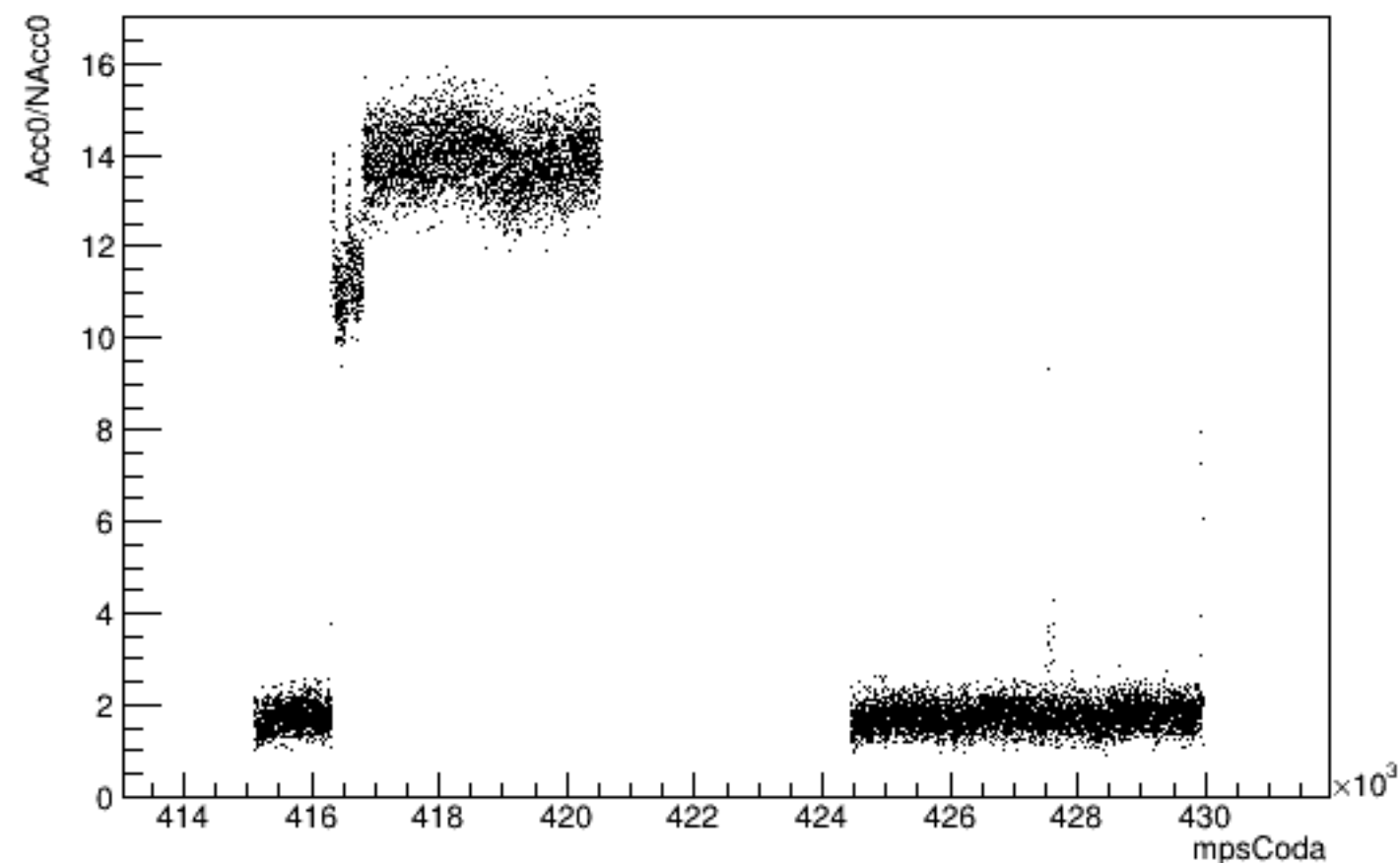
Cycle 19, Asyms

Entries: 272	Entries: 1051	Entries: 1286
Mean: 0.0000 +/- 0.0006	Mean: 0.0314 +/- 0.0006	Mean: -0.0006 +/- 0.0003
Std Dev: 0.0103 +/- 0.0004	Std Dev: 0.0192 +/- 0.0004	Std Dev: 0.0110 +/- 0.0002

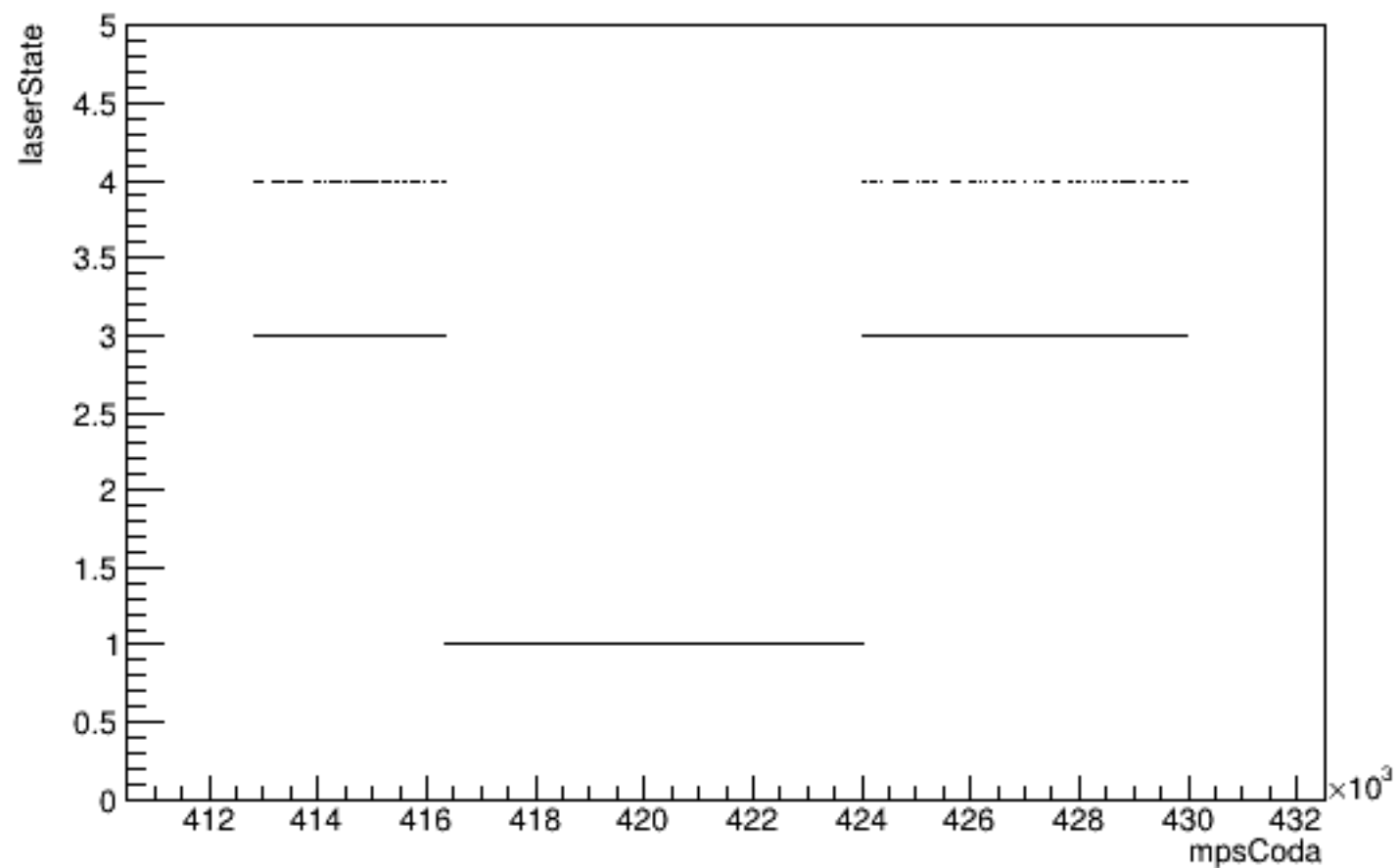
Run 5600 quartetwise, Asyms



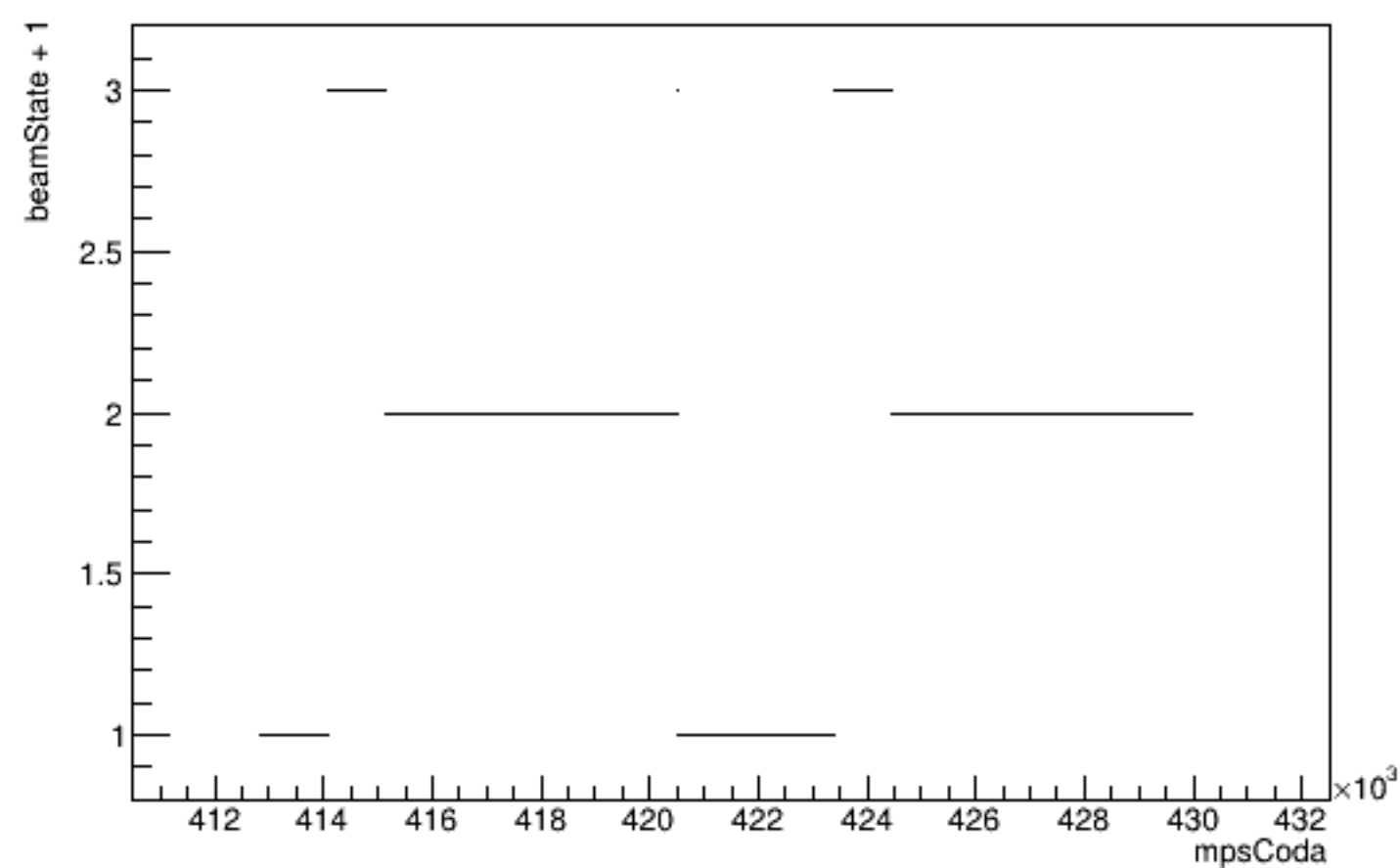
Acc0/NAcc0:mpsCoda (mpsCoda>=412840 && mpsCoda<=429955 && beamState==1)



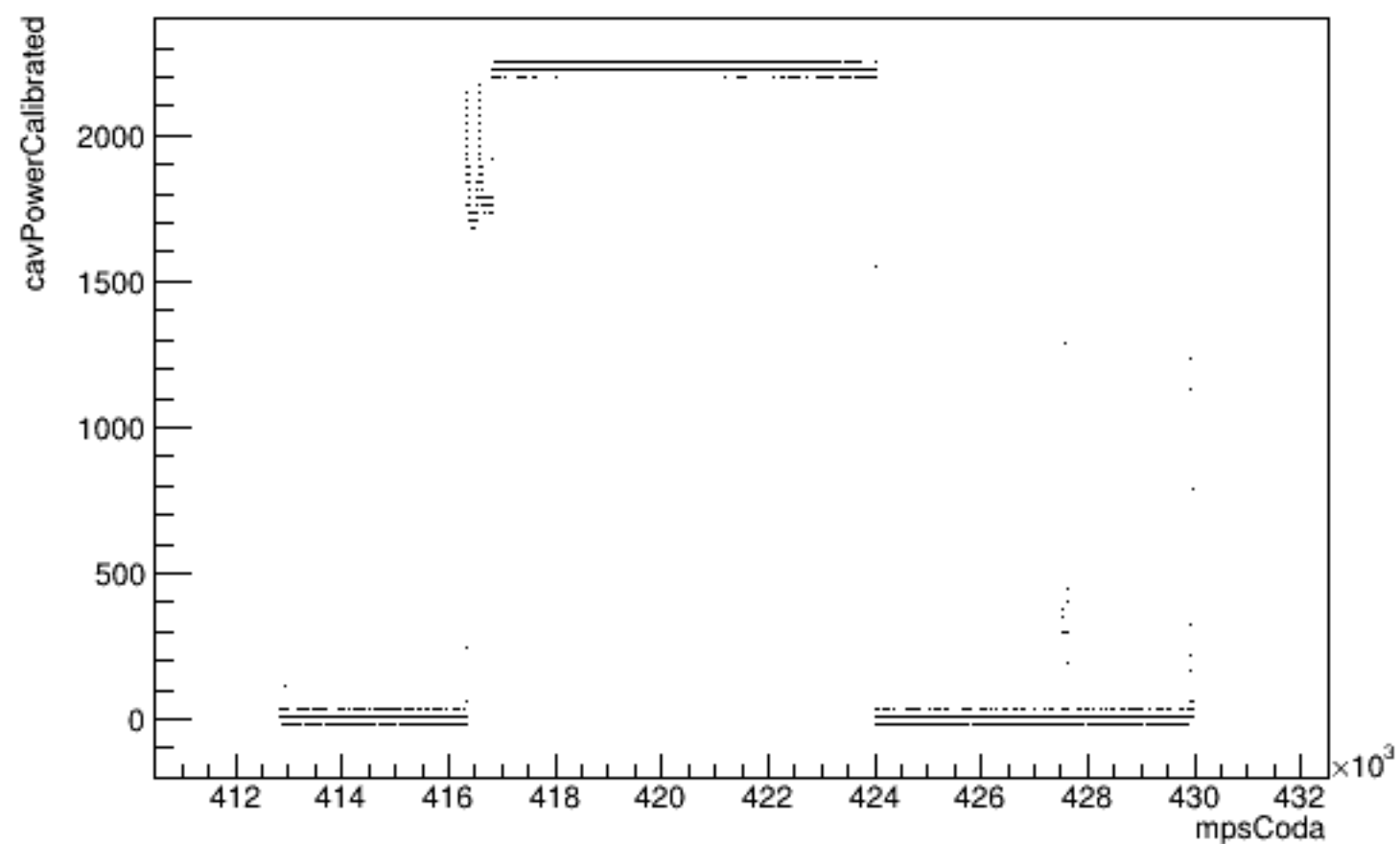
laserState:mpsCoda {mpsCoda>=412840 && mpsCoda<=429955}



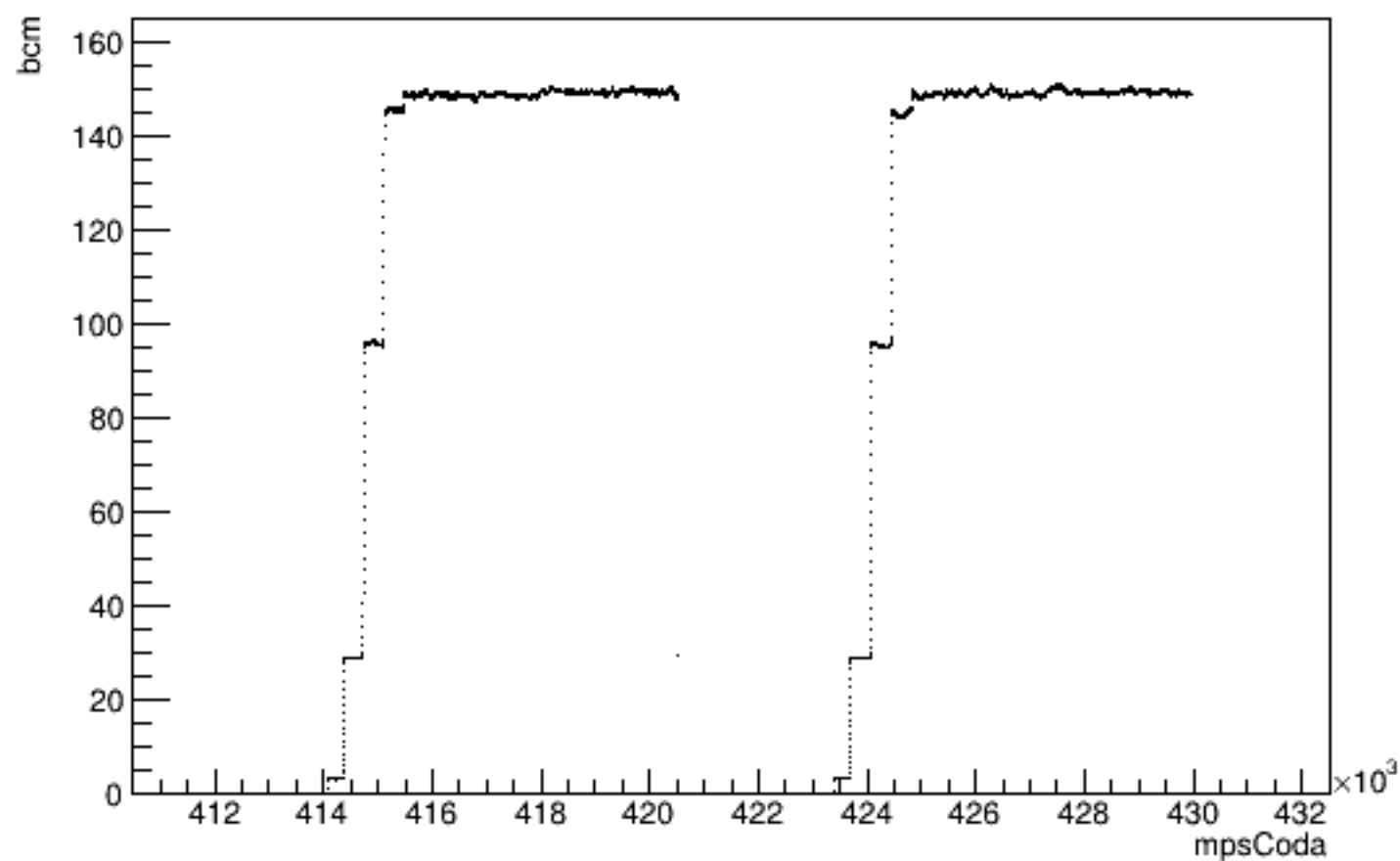
beamState + 1:mpsCoda {mpsCoda>=412840 && mpsCoda<=429955}



cavPowerCalibrated:mpsCoda {mpsCoda>=412840 && mpsCoda<=429955}



bcm:mpsCoda {mpsCoda>=412840 && mpsCoda<=429955}



Cycle 20, Diffs

Entries: 1488

Mean: -0.0004 +/- 0.0069

Std Dev: 0.2676 +/- 0.0049

Entries: 1914

Mean: 0.7544 +/- 0.0107

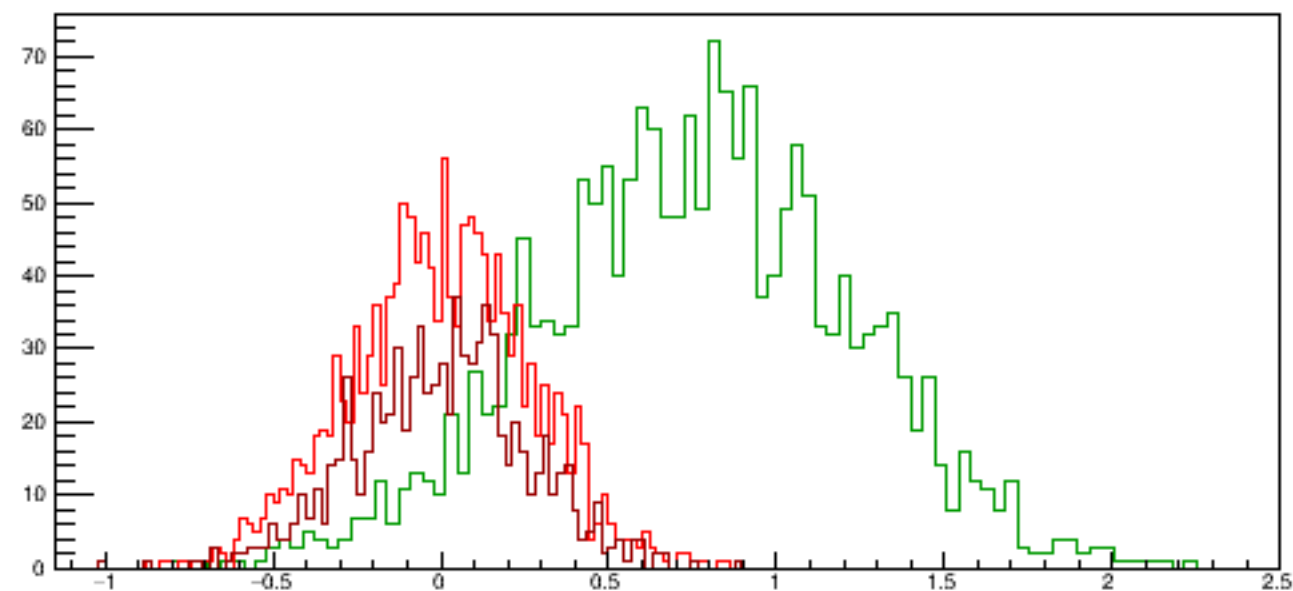
Std Dev: 0.4692 +/- 0.0076

Entries: 831

Mean: 0.0026 +/- 0.0090

Std Dev: 0.2587 +/- 0.0063

Run 5600 quartetwise, Diffs



Cycle 20, Sums

Entries: 1488

Mean: 3.6964 +/- 0.0082

Std Dev: 0.3146 +/- 0.0058

Entries: 1914

Mean: 27.1545 +/- 0.0323

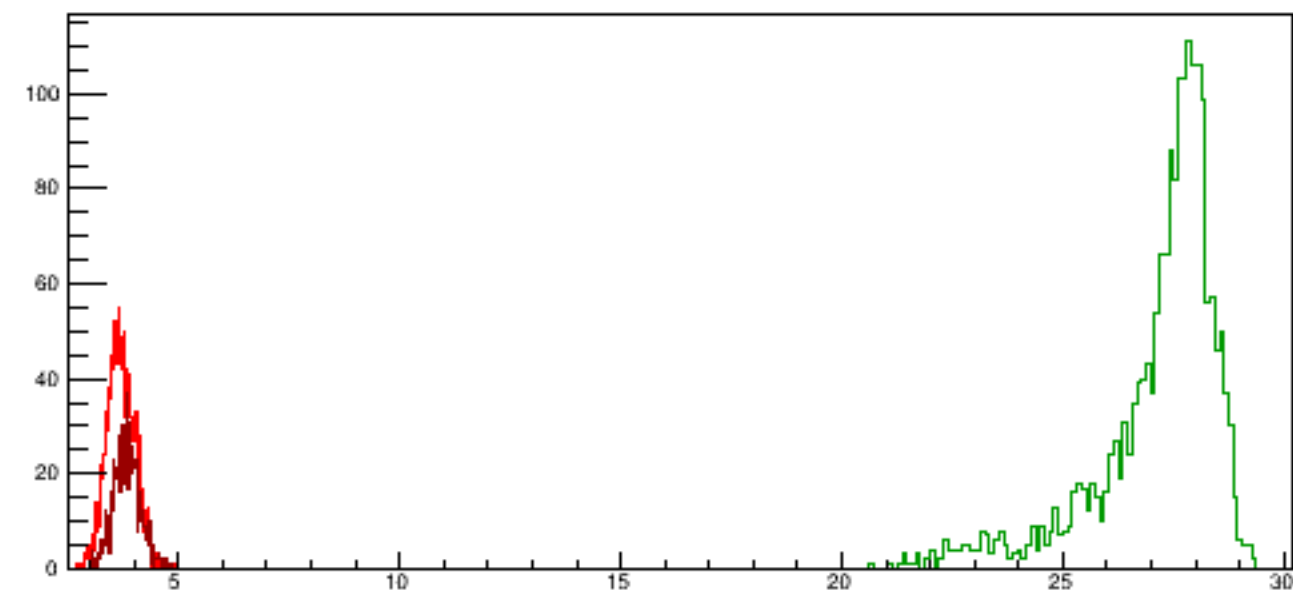
Std Dev: 1.4131 +/- 0.0228

Entries: 831

Mean: 3.8213 +/- 0.0104

Std Dev: 0.2998 +/- 0.0074

Run 5600 quartetwise, Sums



Cycle 20, Asyms

Entries: 1488

Mean: -0.0000 +/- 0.0003

Std Dev: 0.0114 +/- 0.0002

Entries: 1914

Mean: 0.0323 +/- 0.0005

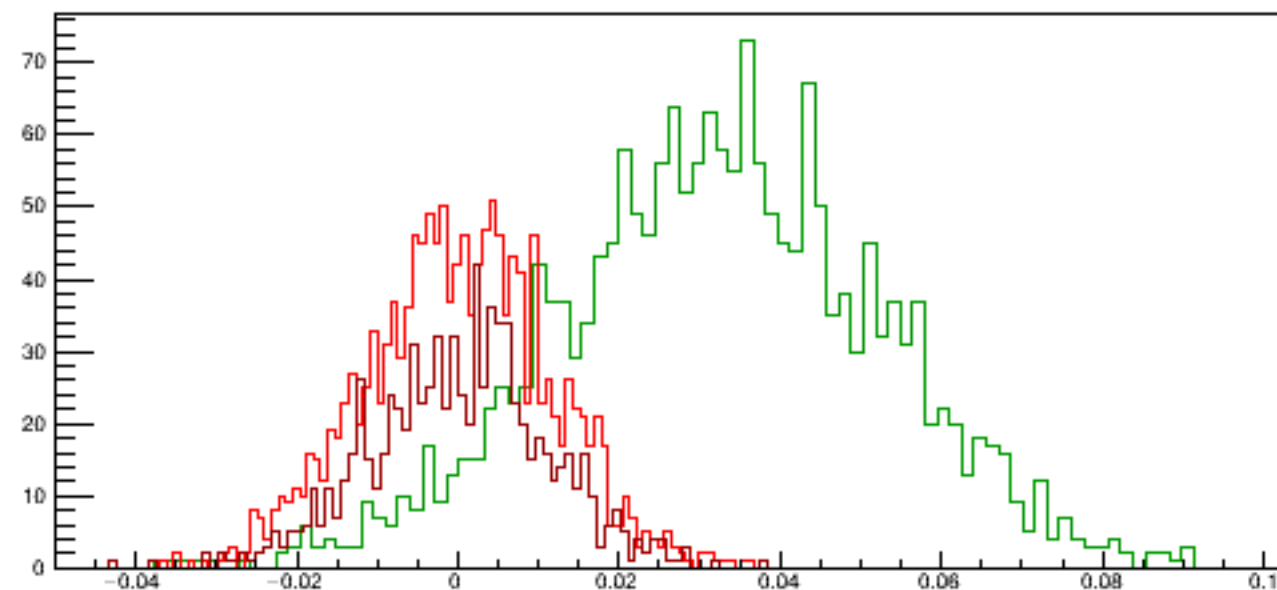
Std Dev: 0.0201 +/- 0.0003

Entries: 831

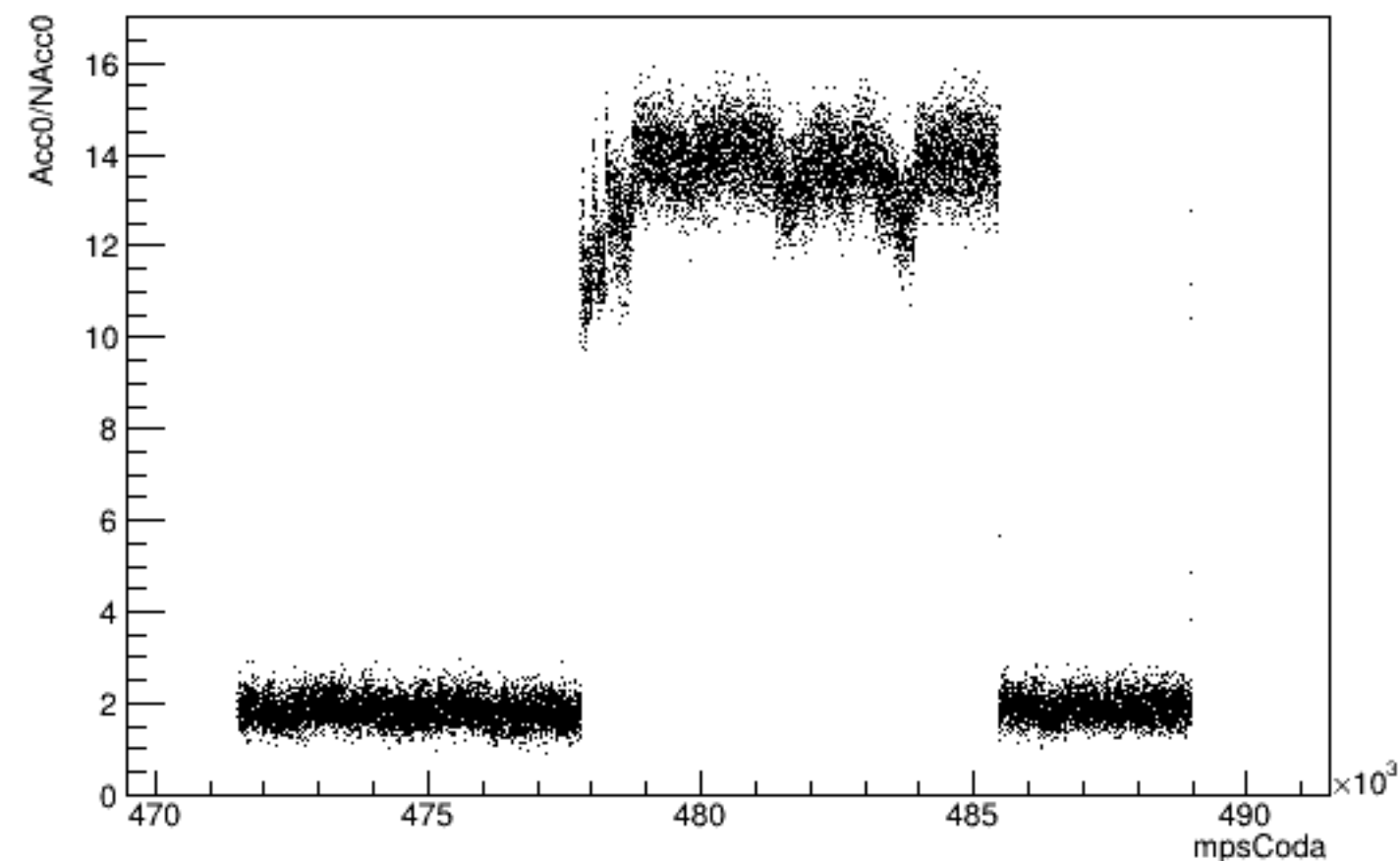
Mean: 0.0001 +/- 0.0004

Std Dev: 0.0111 +/- 0.0003

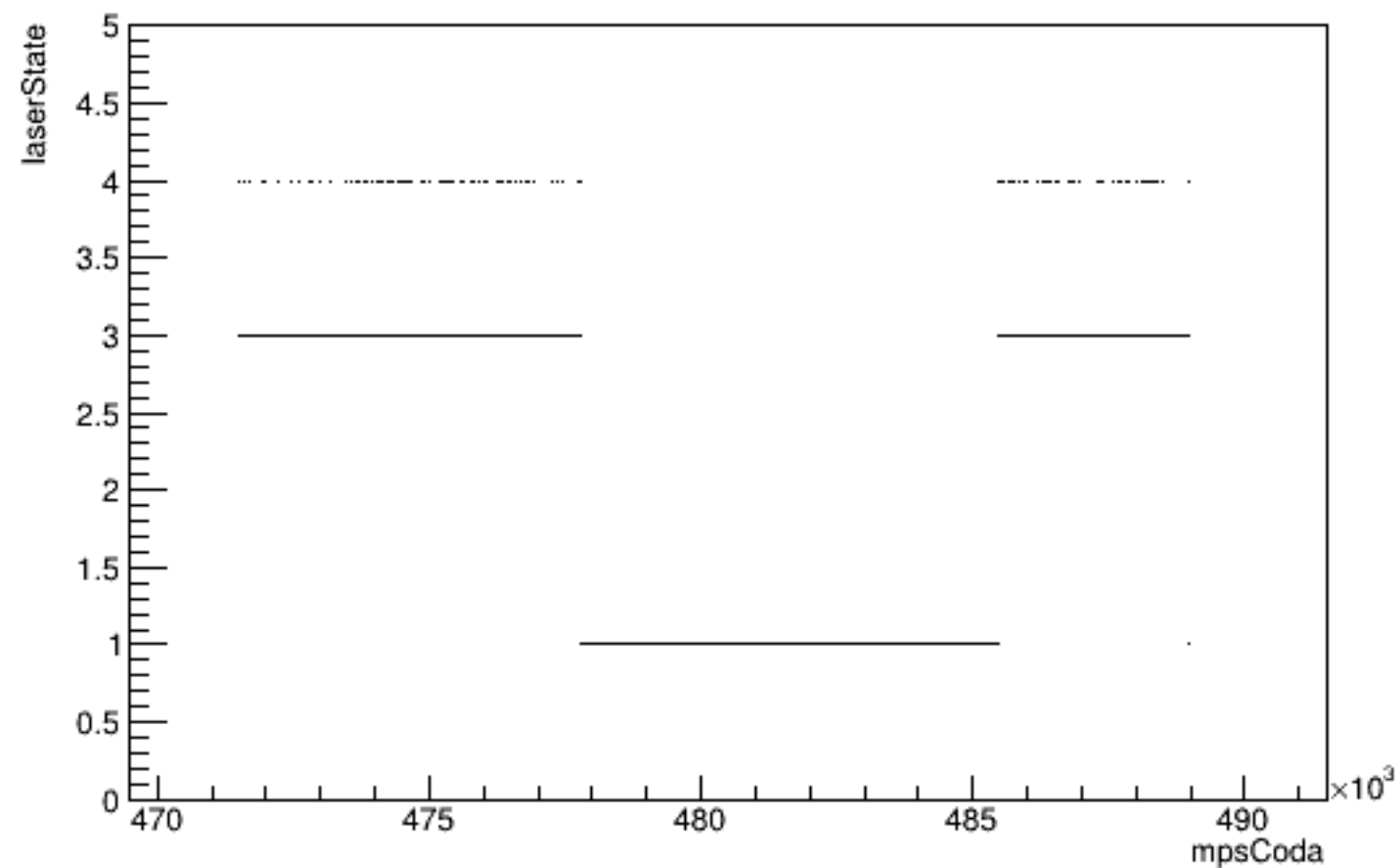
Run 5600 quartetwise, Asyms



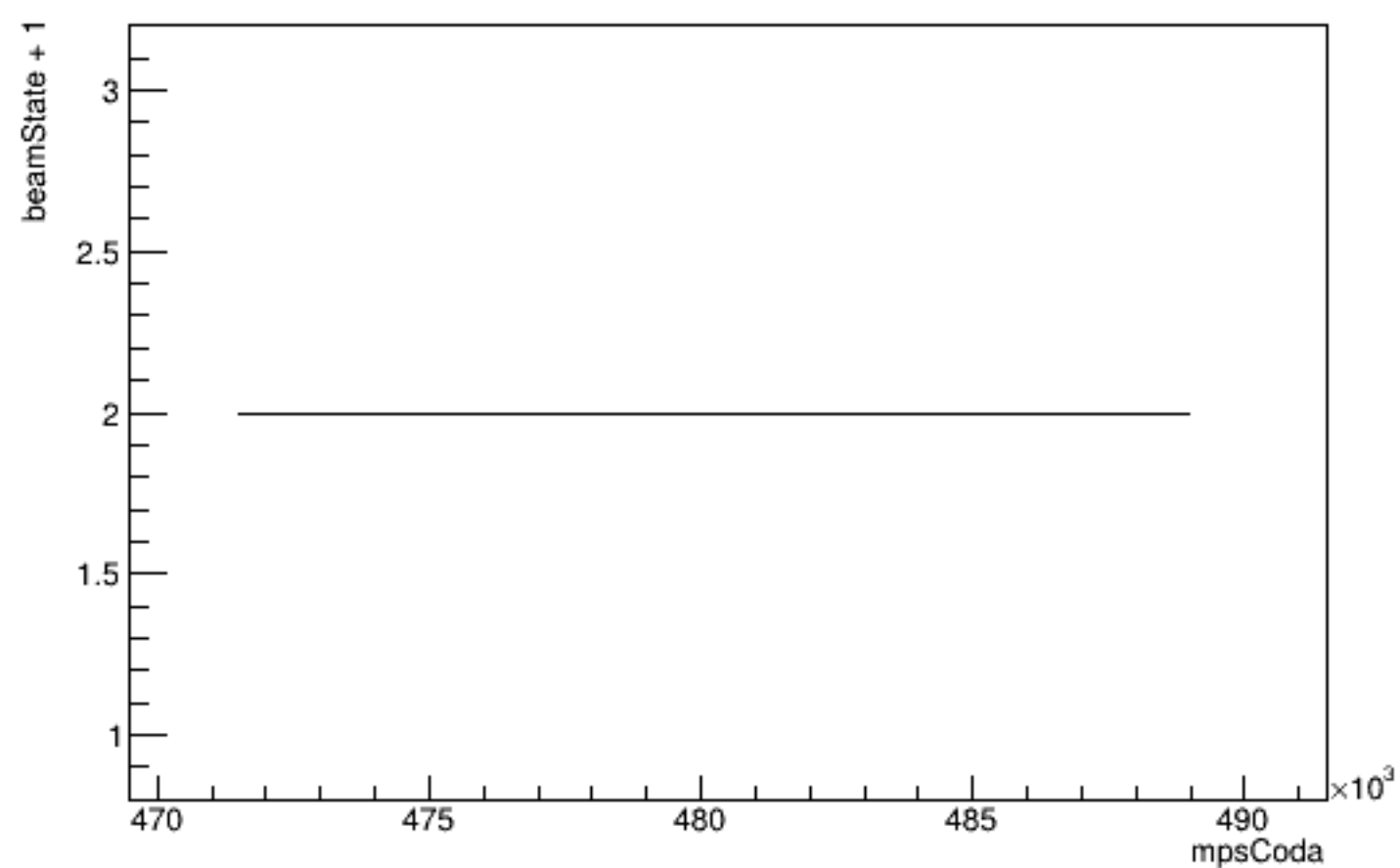
Acc0/NAcc0:mpsCoda (mpsCoda>=471516 && mpsCoda<=488983 && beamState==1)



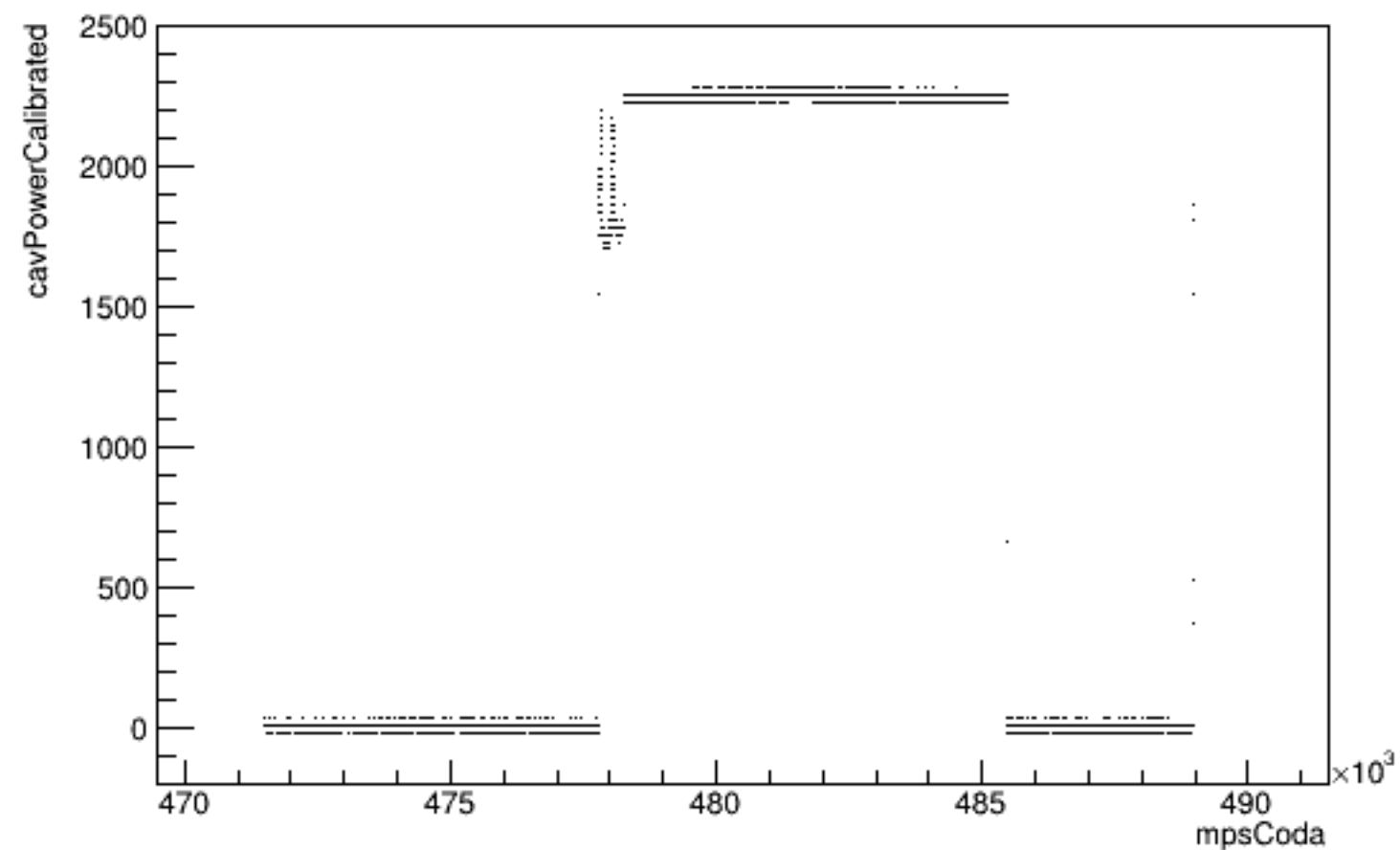
laserState:mpsCoda {mpsCoda>=471516 && mpsCoda<=488983}



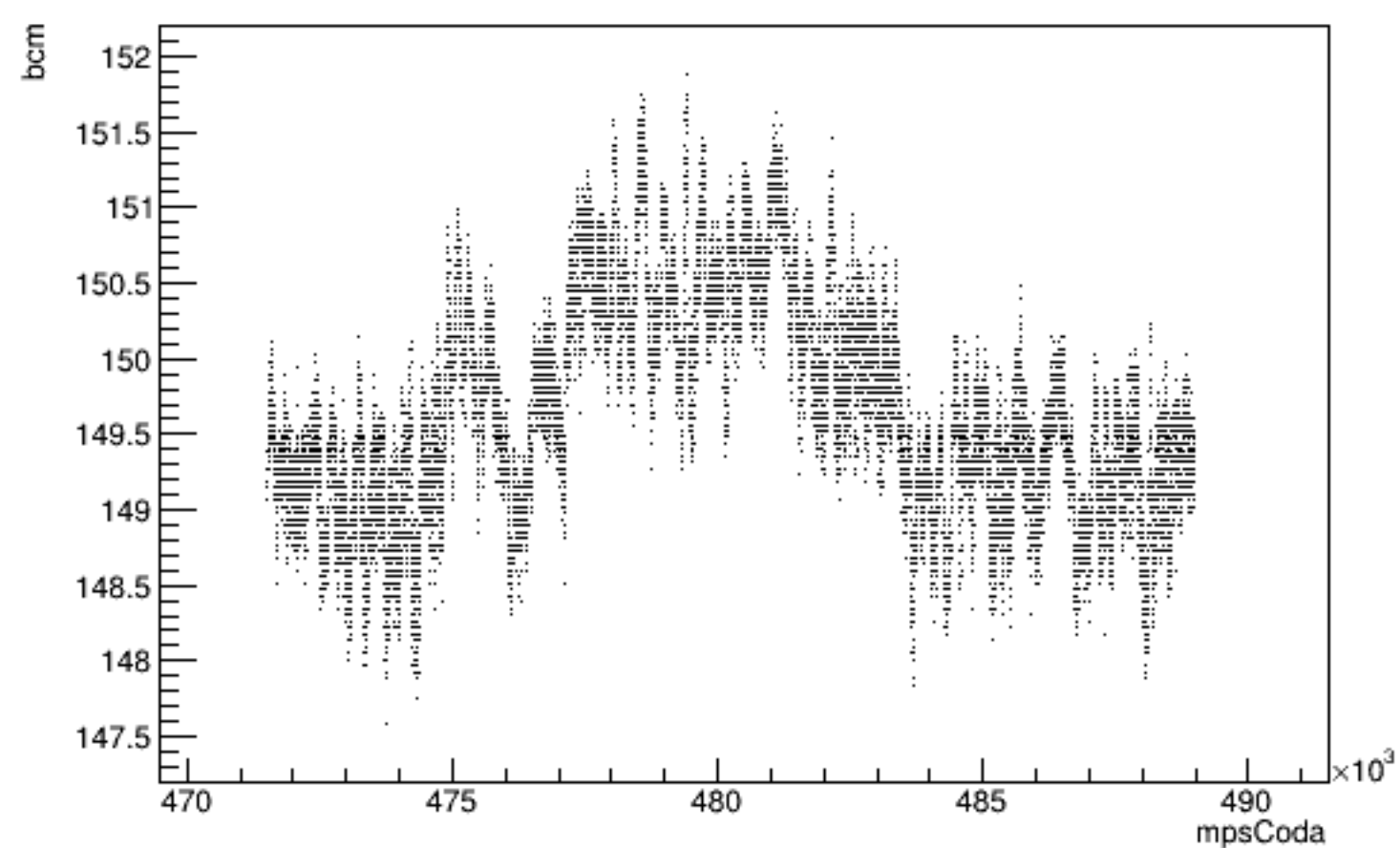
beamState + 1:mpsCoda {mpsCoda>=471516 && mpsCoda<=488983}



cavPowerCalibrated:mpsCoda {mpsCoda>=471516 && mpsCoda<=488983}



bcm:mpsCoda {mpsCoda>=471516 && mpsCoda<=488983}



Cycle 21, Diffs

Entries: 831

Mean: 0.0026 +/- 0.0090

Std Dev: 0.2587 +/- 0.0063

Entries: 492

Mean: 0.6942 +/- 0.0205

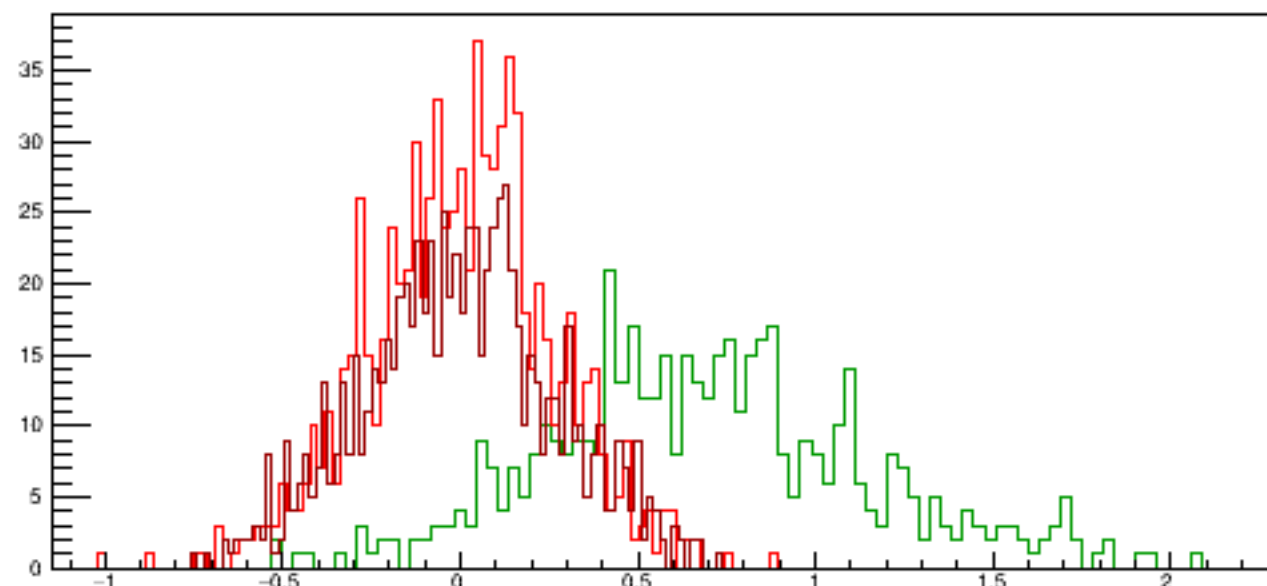
Std Dev: 0.4546 +/- 0.0145

Entries: 820

Mean: -0.0018 +/- 0.0094

Std Dev: 0.2691 +/- 0.0066

Run 5600 quartetwise, Diffs



Cycle 21, Sums

Entries: 831

Mean: 3.8213 +/- 0.0104

Std Dev: 0.2998 +/- 0.0074

Entries: 492

Mean: 25.6350 +/- 0.0980

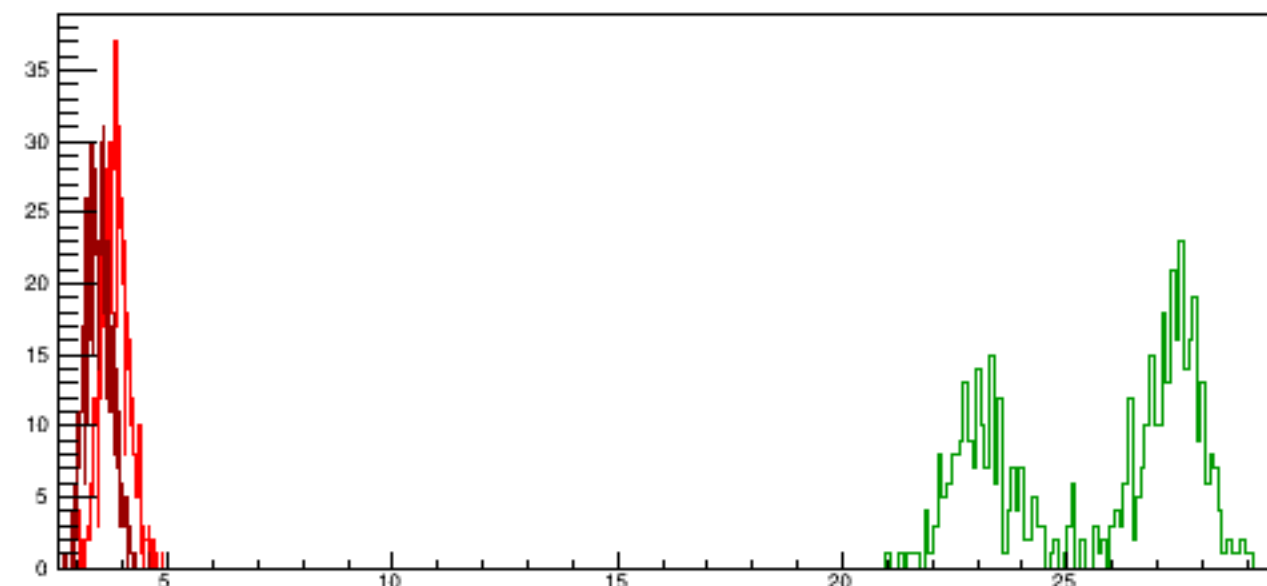
Std Dev: 2.1731 +/- 0.0693

Entries: 820

Mean: 3.4668 +/- 0.0100

Std Dev: 0.2878 +/- 0.0071

Run 5600 quartetwise, Sums



Cycle 21, Asyms

Entries: 831

Mean: 0.0001 +/- 0.0004

Std Dev: 0.0118 +/- 0.0003

Entries: 492

Mean: 0.0316 +/- 0.0009

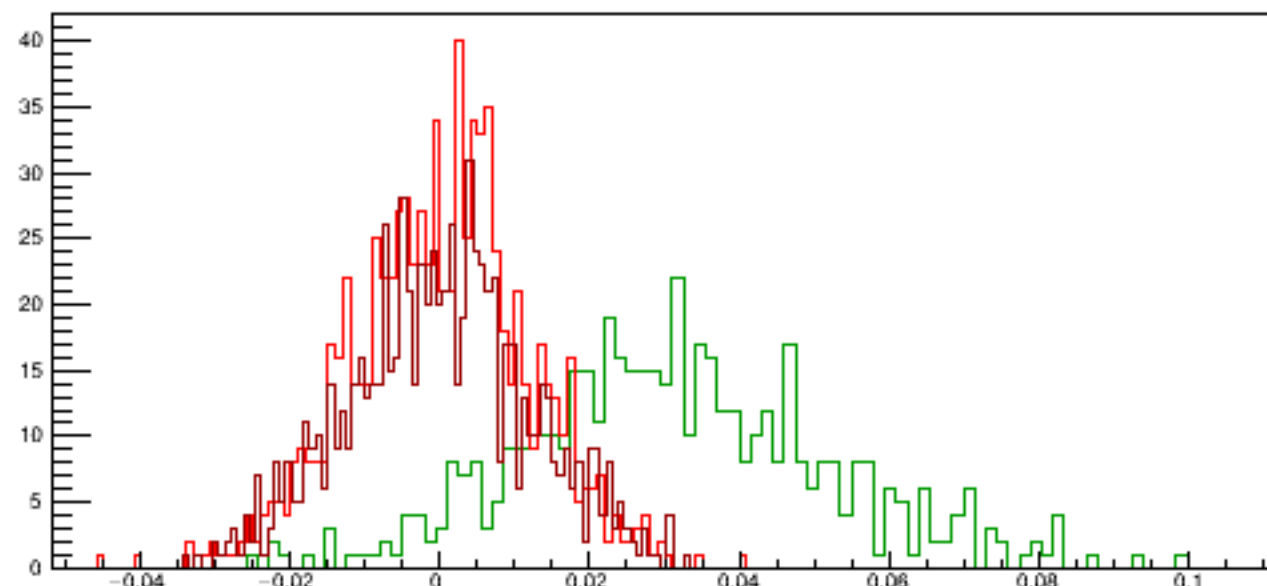
Std Dev: 0.0206 +/- 0.0007

Entries: 820

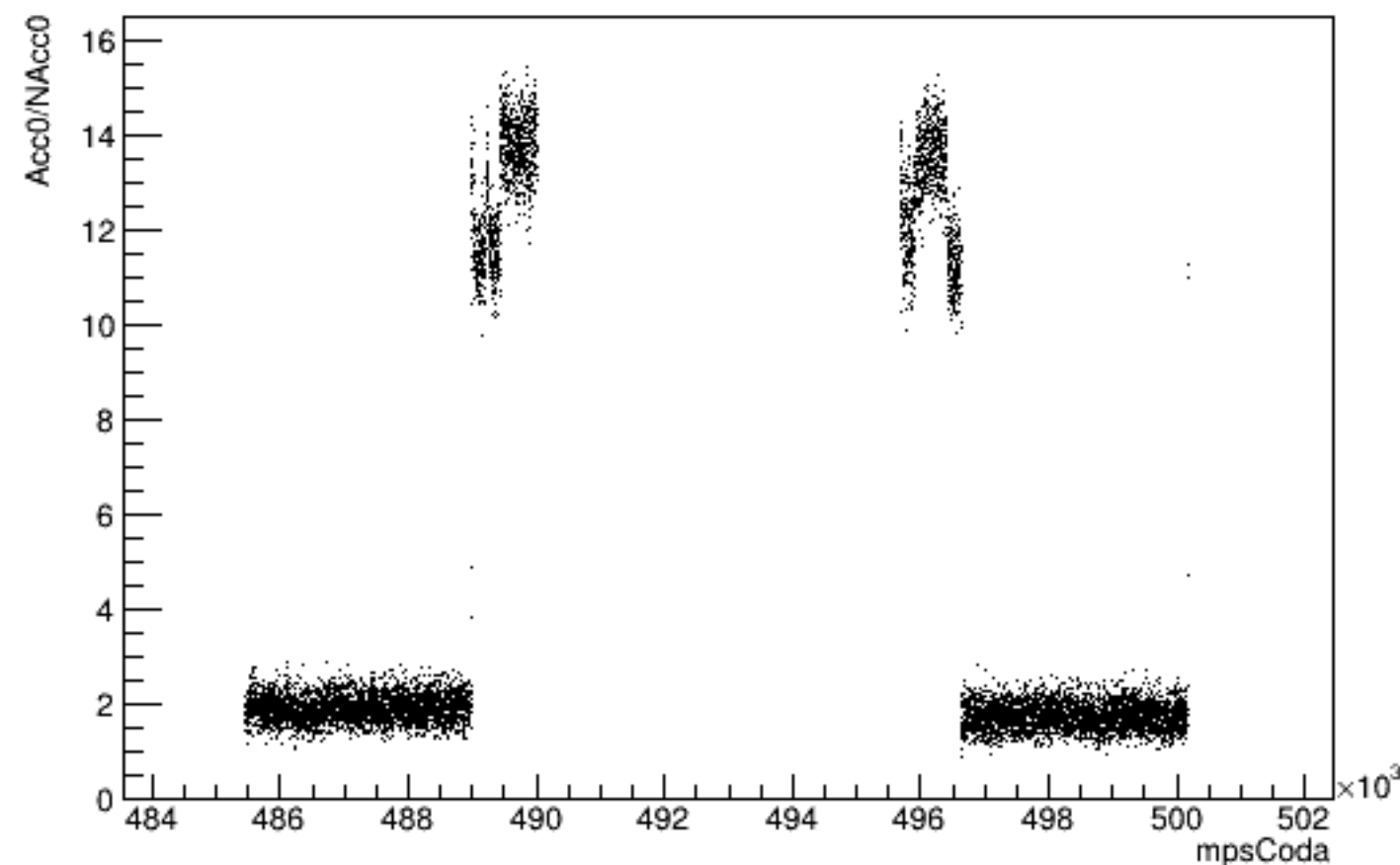
Mean: -0.0001 +/- 0.0004

Std Dev: 0.0122 +/- 0.0003

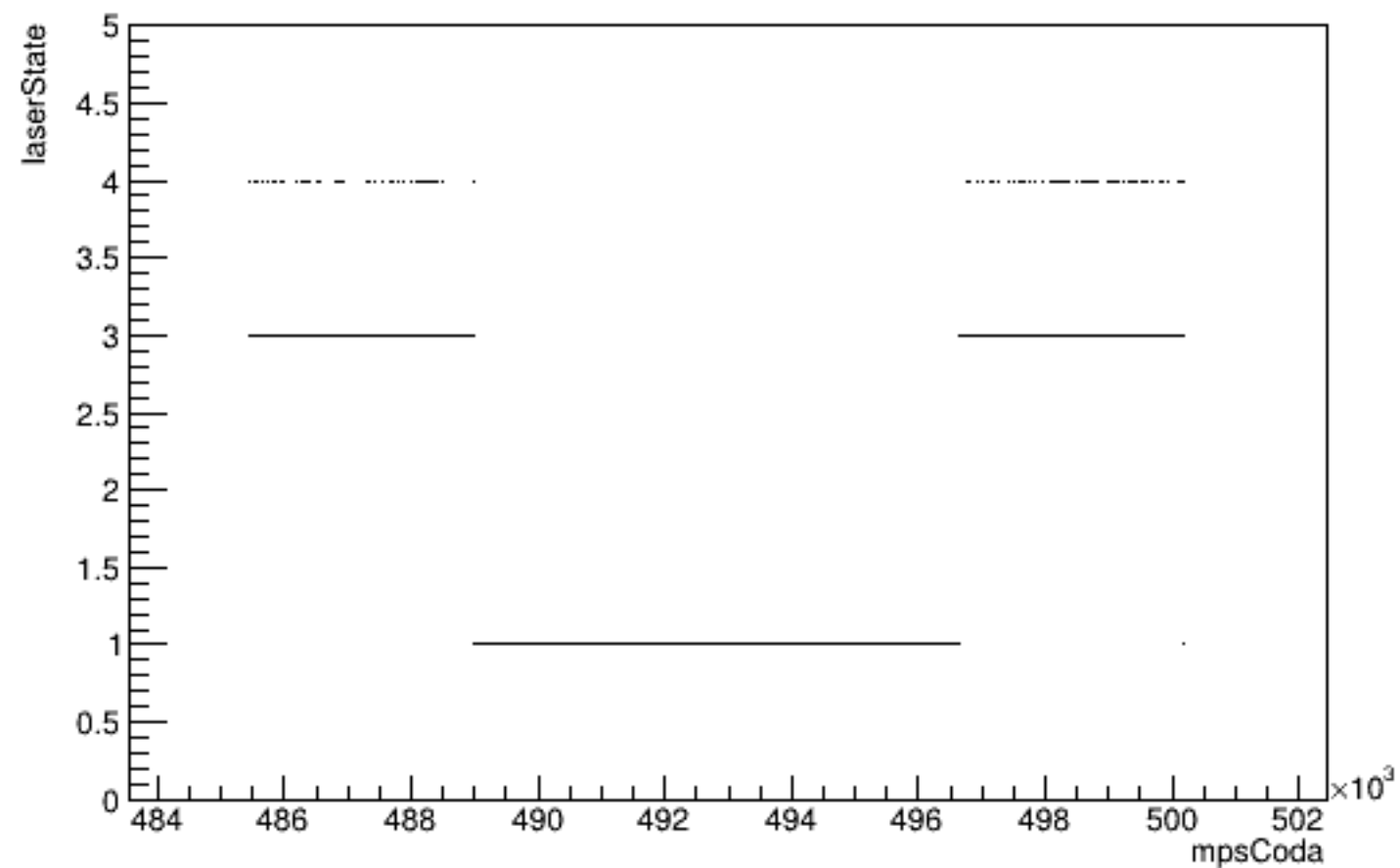
Run 5600 quartetwise, Asyms



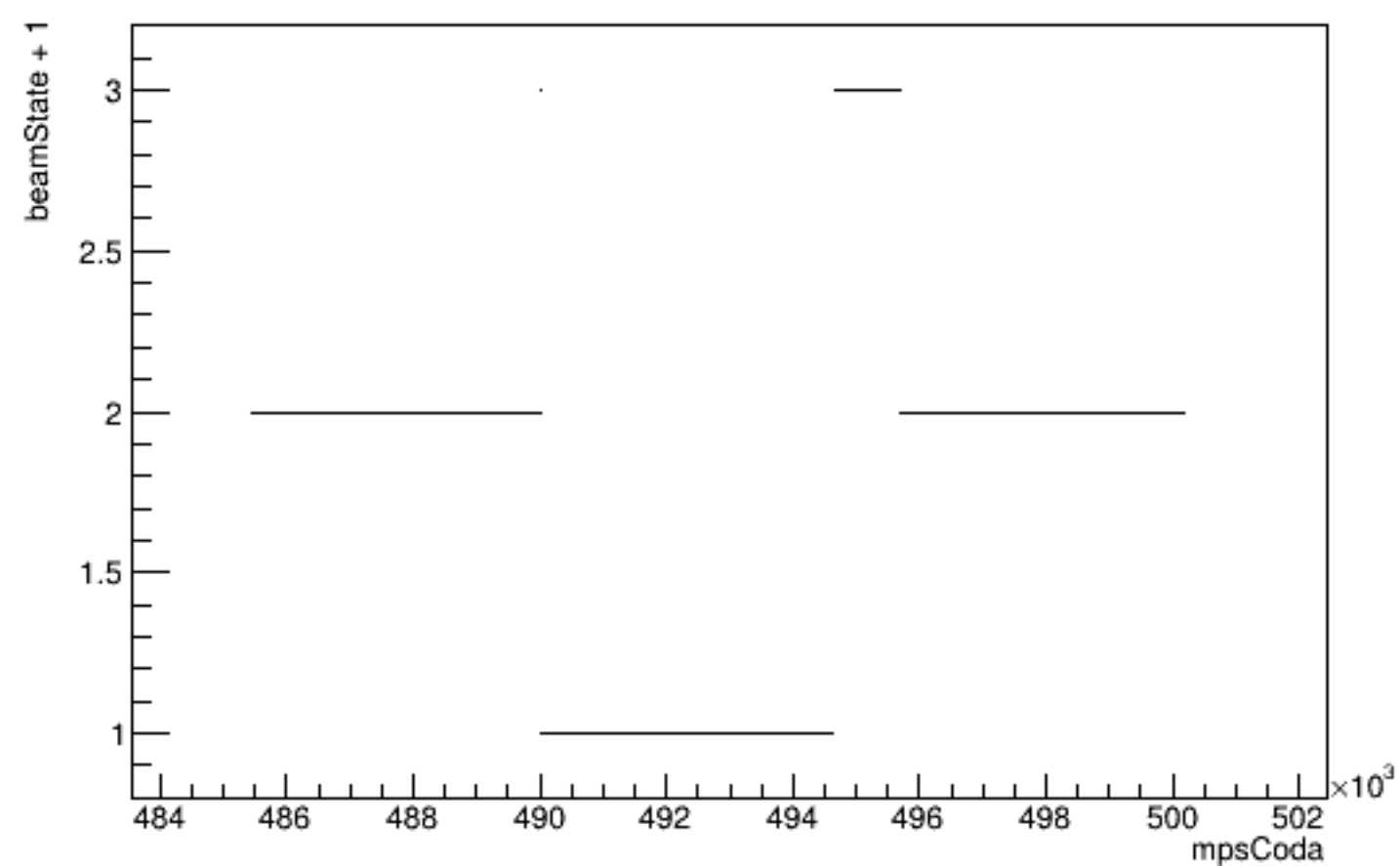
Acc0/NAcc0:mpsCoda (mpsCoda>=485460 && mpsCoda<=500167 && beamState==1)



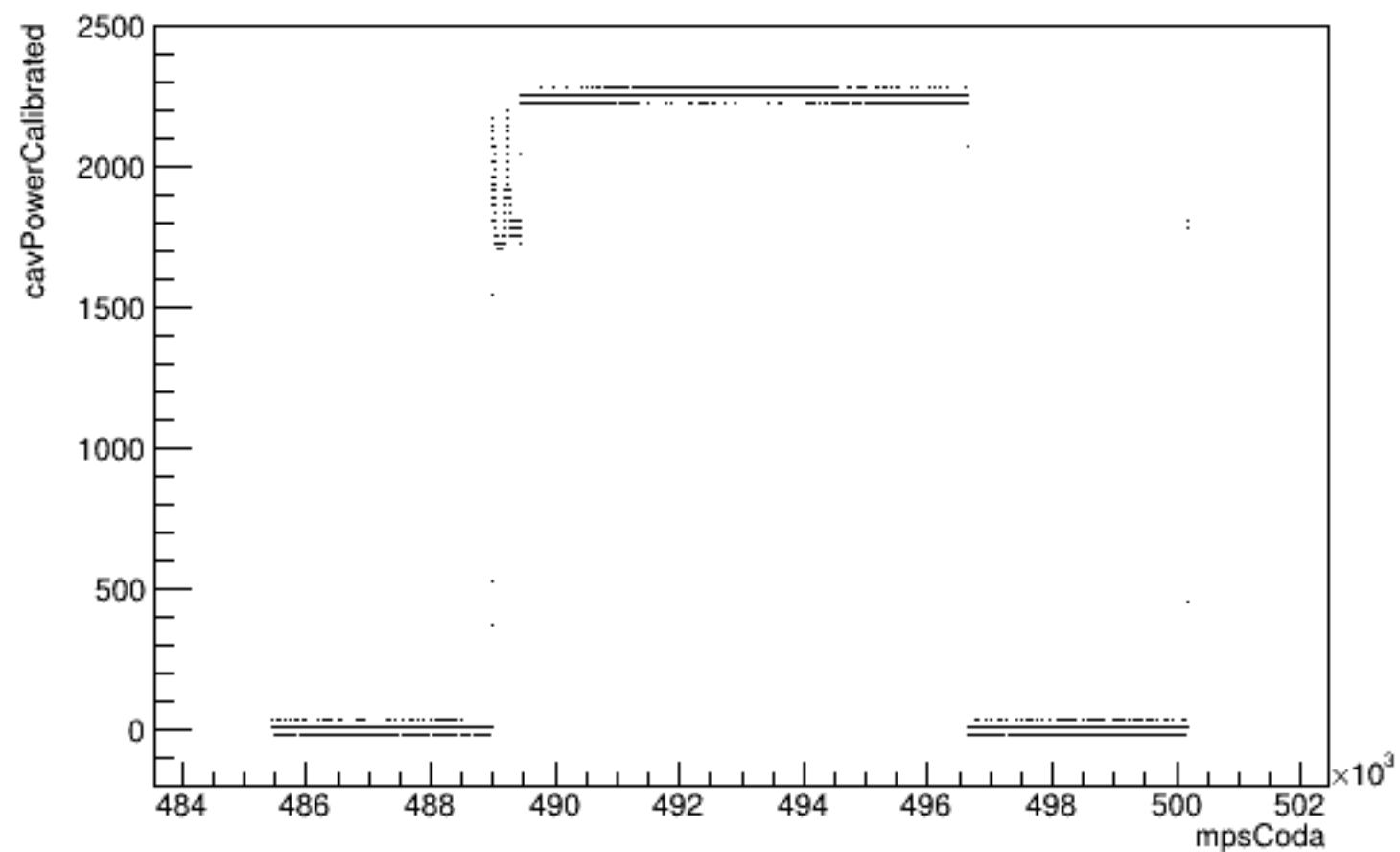
laserState:mpsCoda {mpsCoda>=485460 && mpsCoda<=500167}



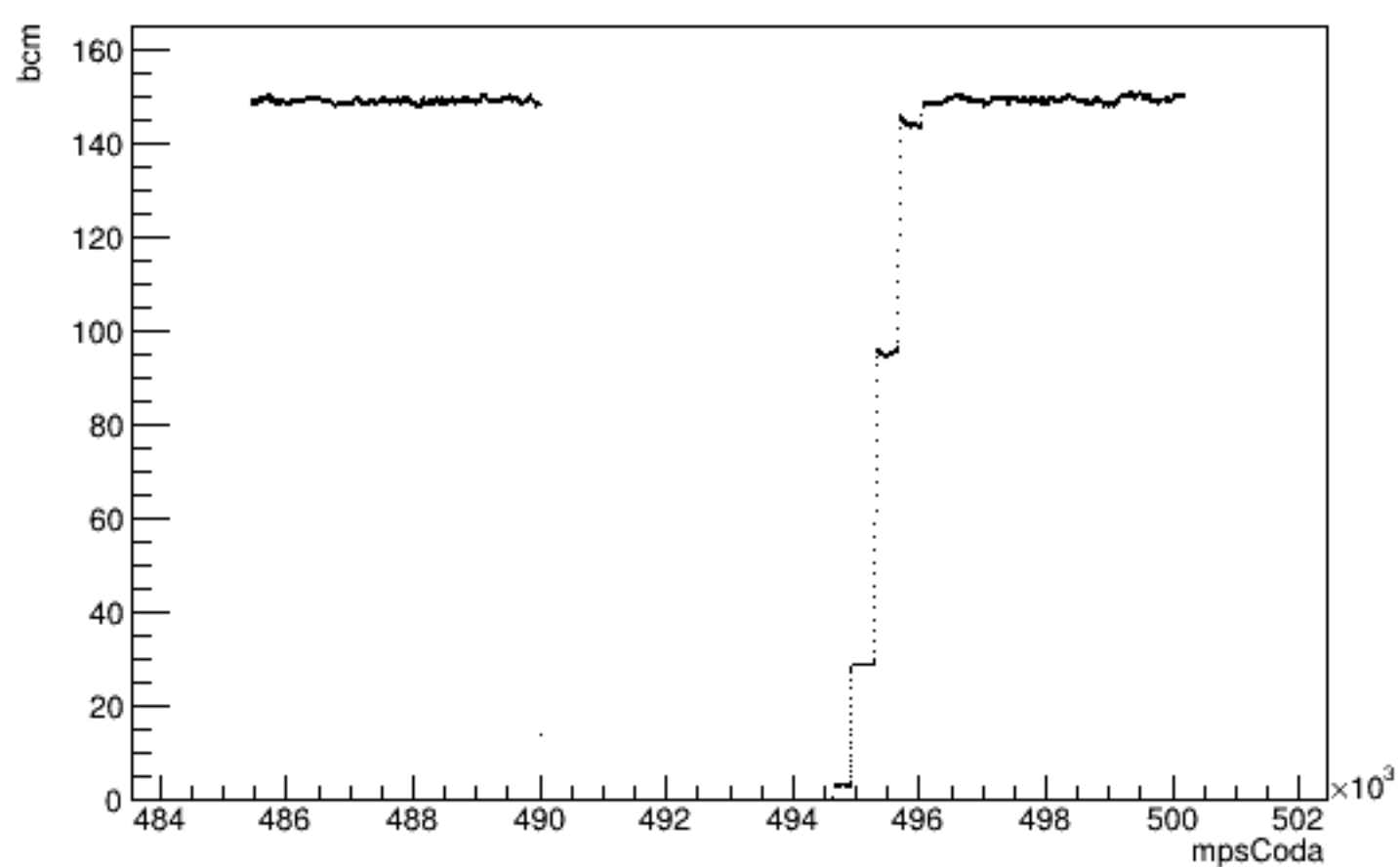
beamState + 1:mpsCoda {mpsCoda>=485460 && mpsCoda<=500167}



cavPowerCalibrated:mpsCoda {mpsCoda>=485460 && mpsCoda<=500167}



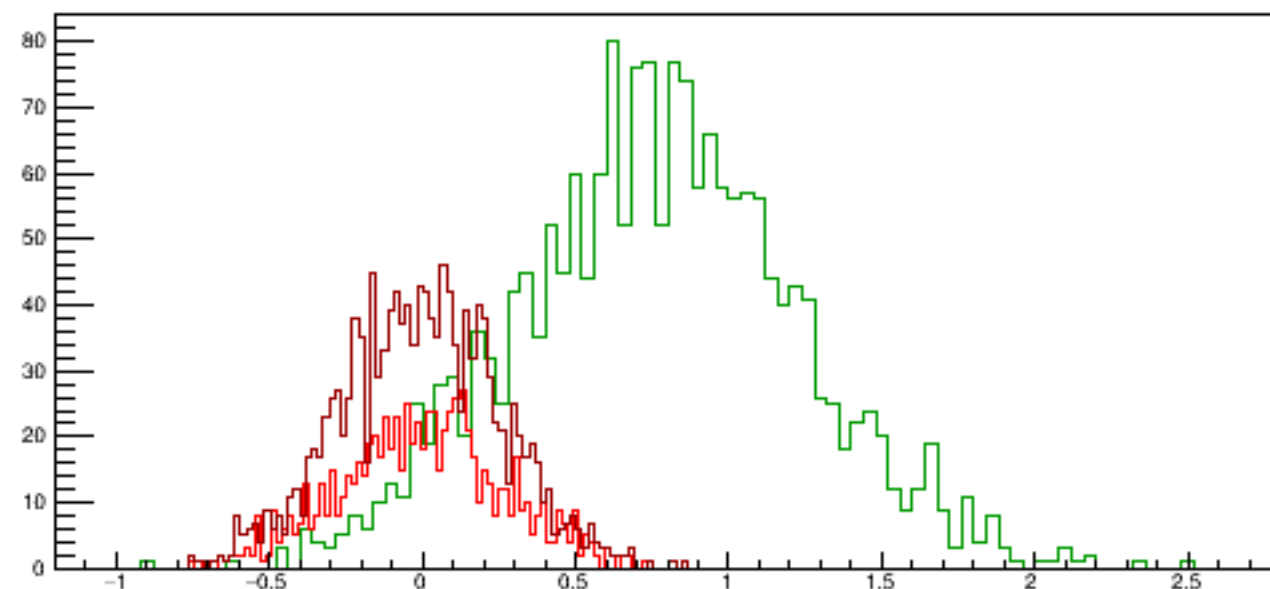
bcm:mpsCoda {mpsCoda>=485460 && mpsCoda<=500167}



Cycle 22, Diffs

Entries: 820	Entries: 1911	Entries: 1382
Mean: -0.0018 +/- 0.0094	Mean: 0.7645 +/- 0.0106	Mean: -0.0068 +/- 0.0070
Std Dev: 0.2691 +/- 0.0066	Std Dev: 0.4624 +/- 0.0075	Std Dev: 0.2612 +/- 0.0050

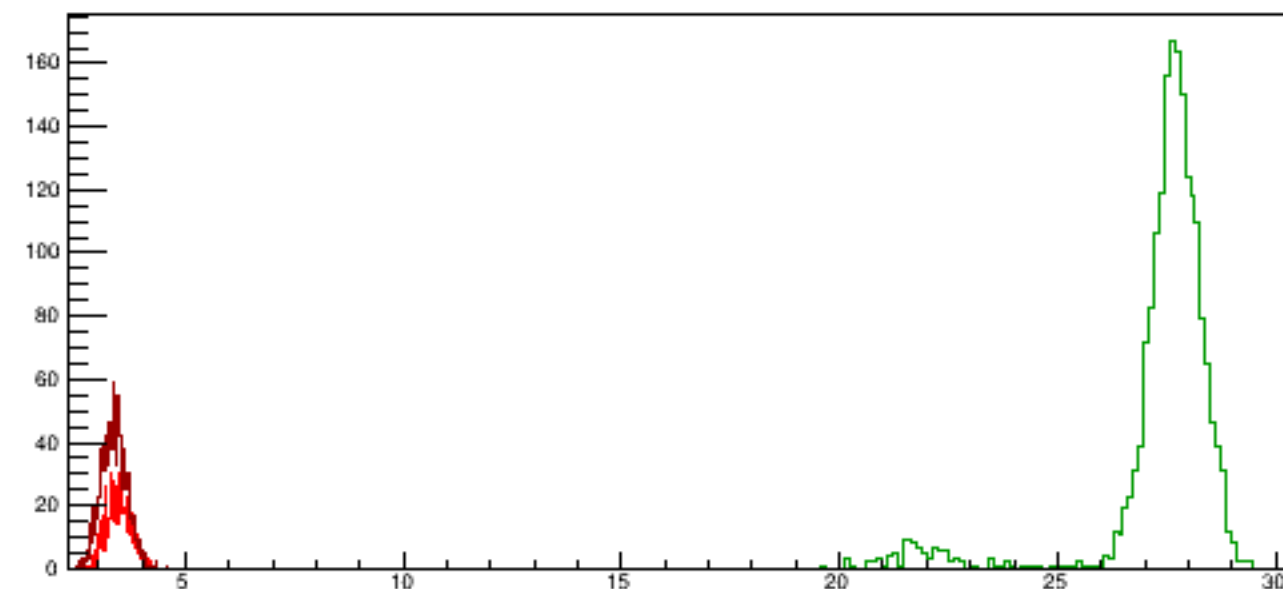
Run 5600 quartetwise, Diffs



Cycle 22, Sums

Entries: 820	Entries: 1911	Entries: 1382
Mean: 3.4668 +/- 0.0100	Mean: 27.4053 +/- 0.0328	Mean: 3.3614 +/- 0.0078
Std Dev: 0.2878 +/- 0.0071	Std Dev: 1.4320 +/- 0.0232	Std Dev: 0.2892 +/- 0.0055

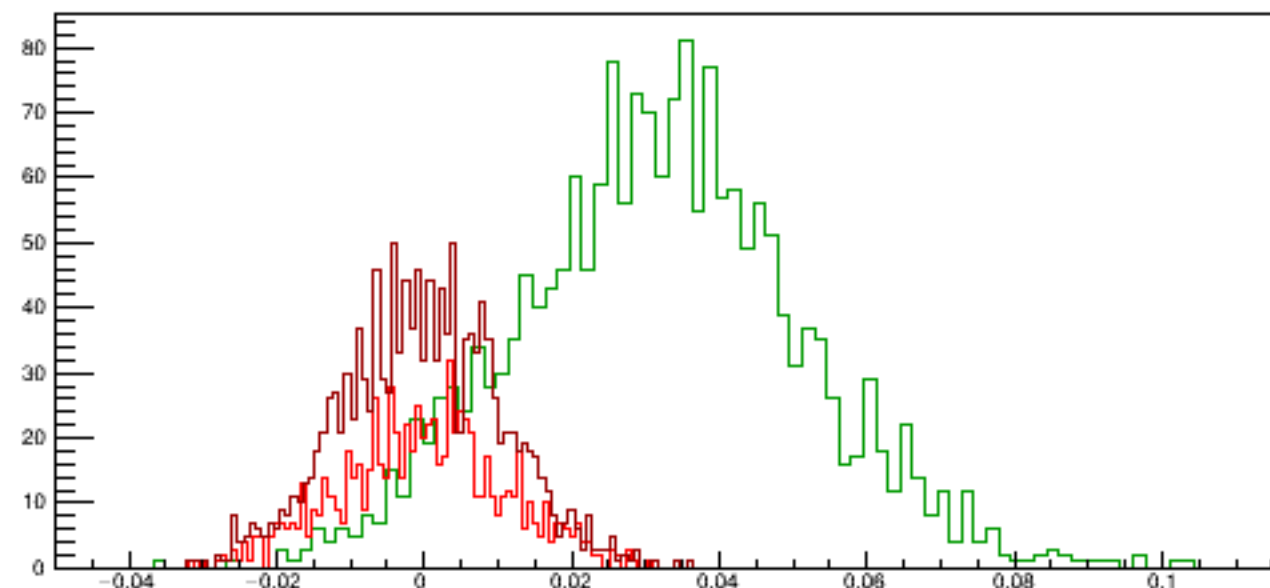
Run 5600 quartetwise, Sums



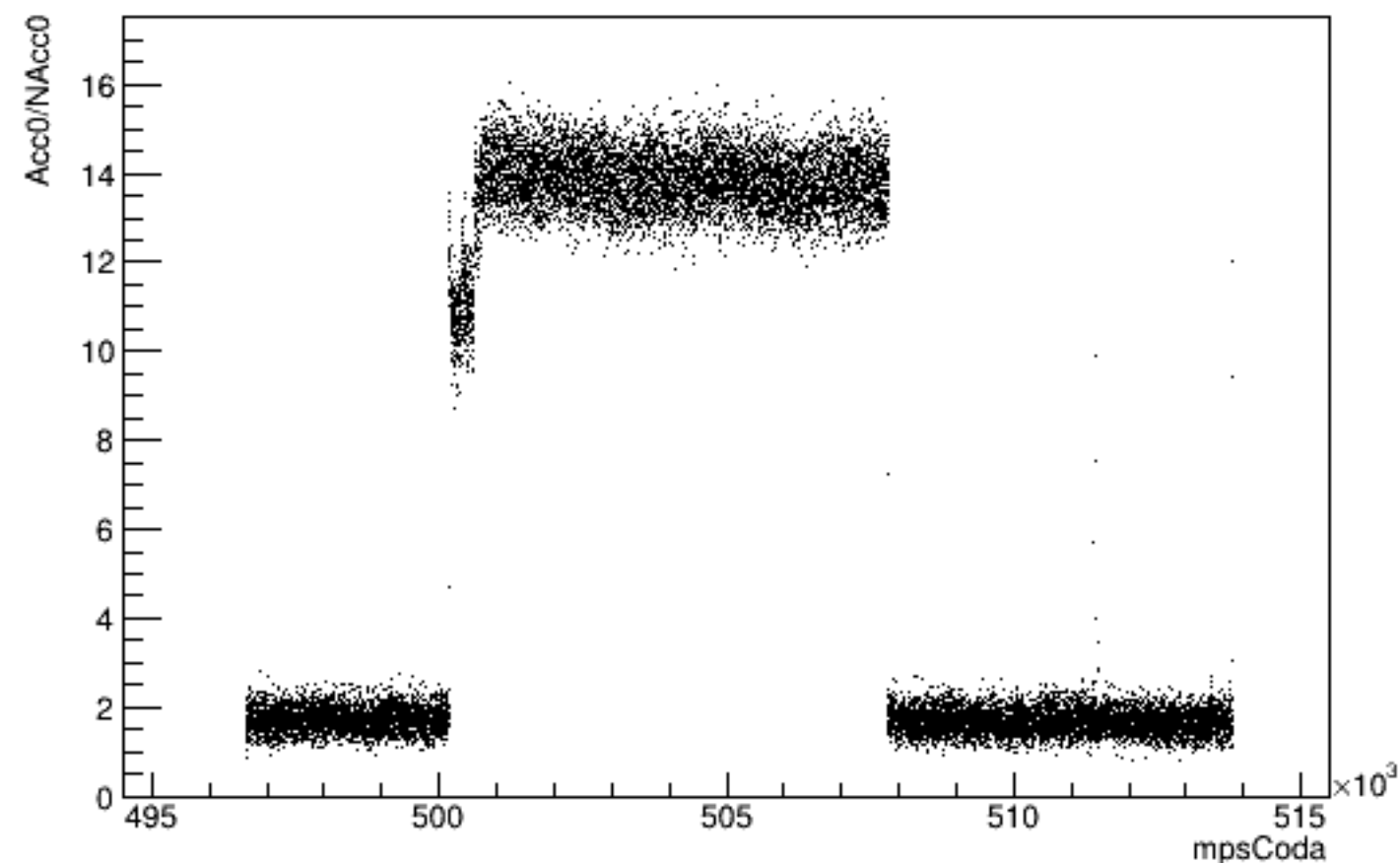
Cycle 22, Asyms

Entries: 820	Entries: 1911	Entries: 1382
Mean: -0.0001 +/- 0.0004	Mean: 0.0319 +/- 0.0004	Mean: -0.0003 +/- 0.0003
Std Dev: 0.0112 +/- 0.0003	Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0109 +/- 0.0002

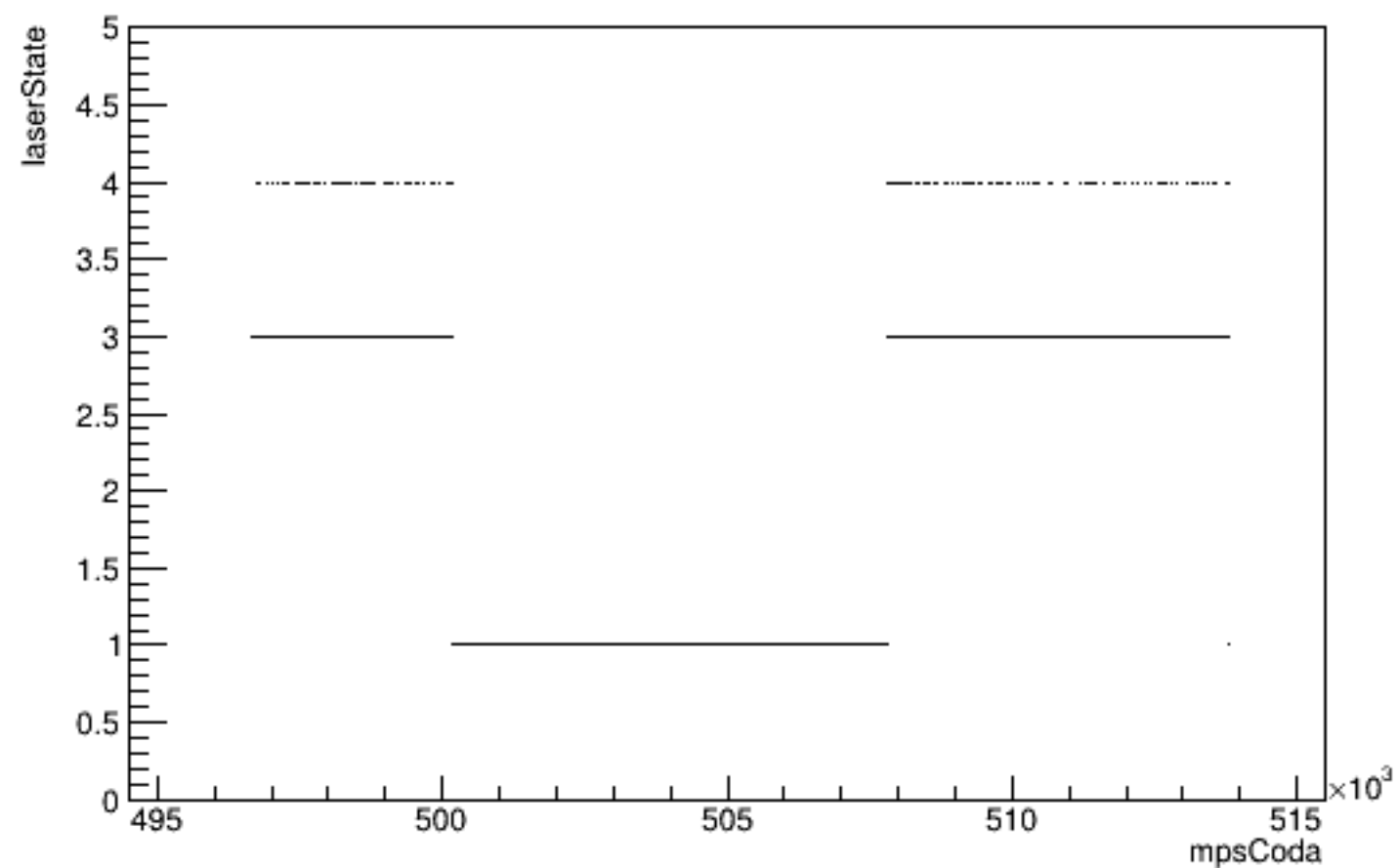
Run 5600 quartetwise, Asyms



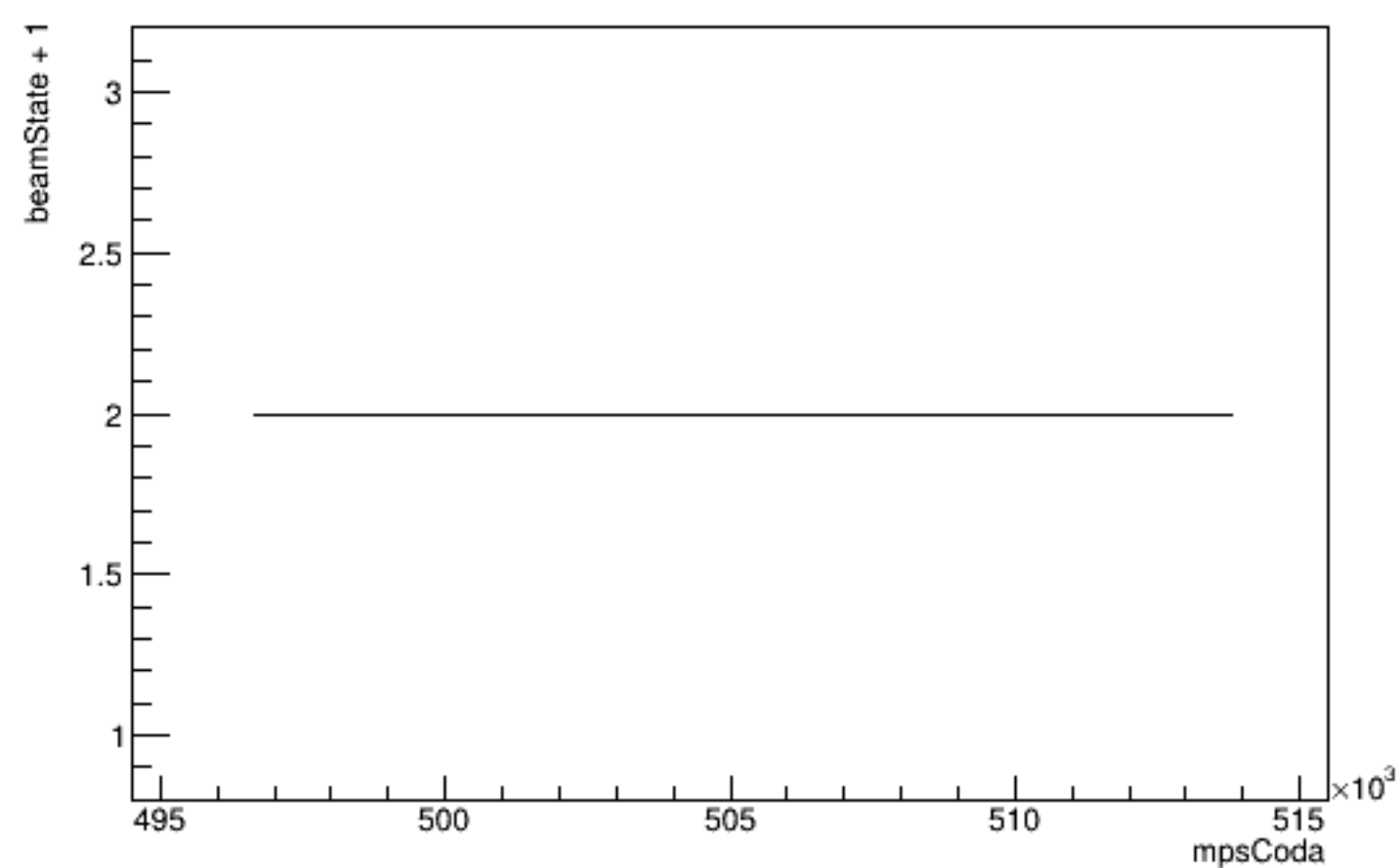
Acc0/NAcc0:mpsCoda (mpsCoda>=496636 && mpsCoda<=513795 && beamState==1)



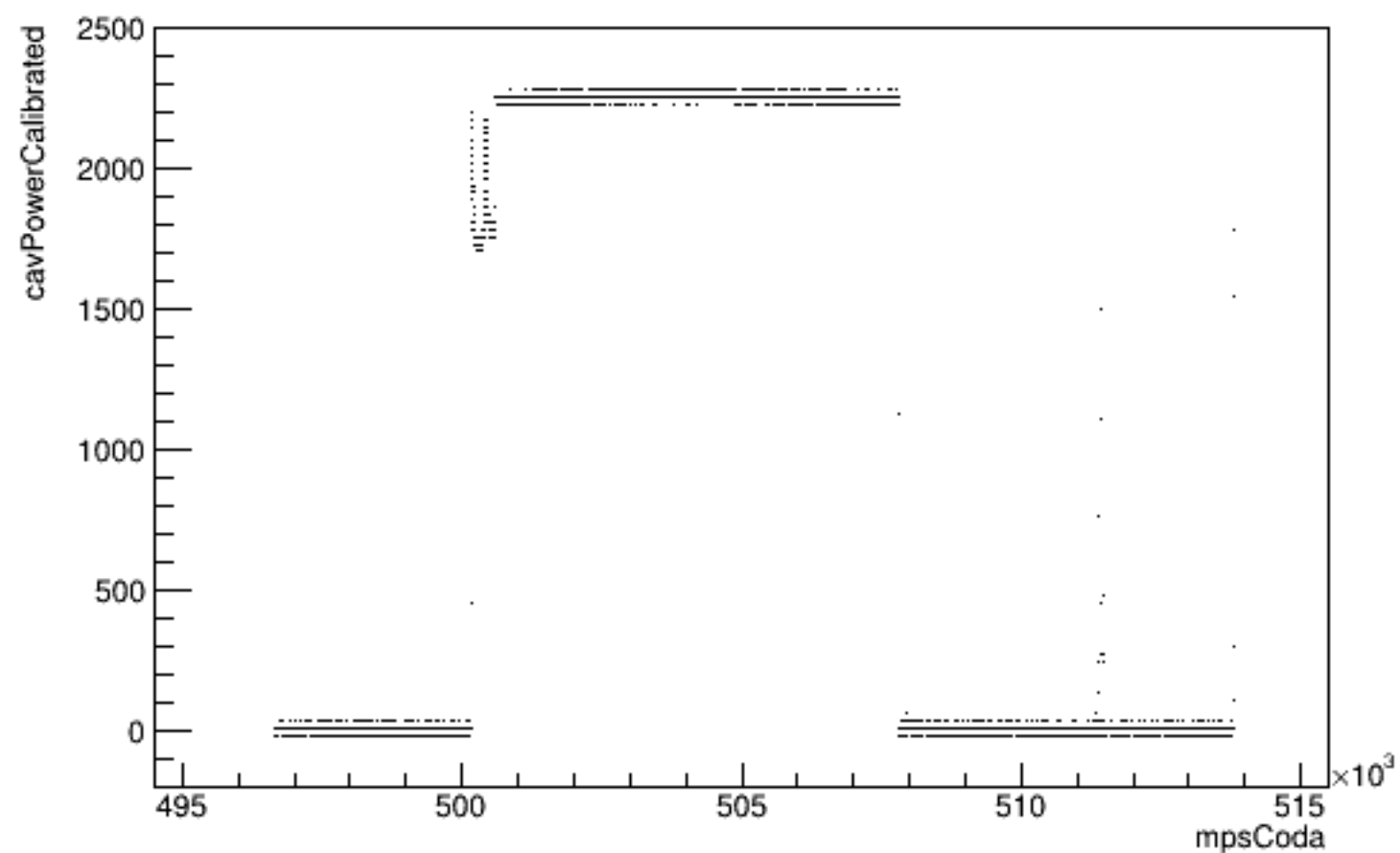
laserState:mpsCoda {mpsCoda>=496636 && mpsCoda<=513795}



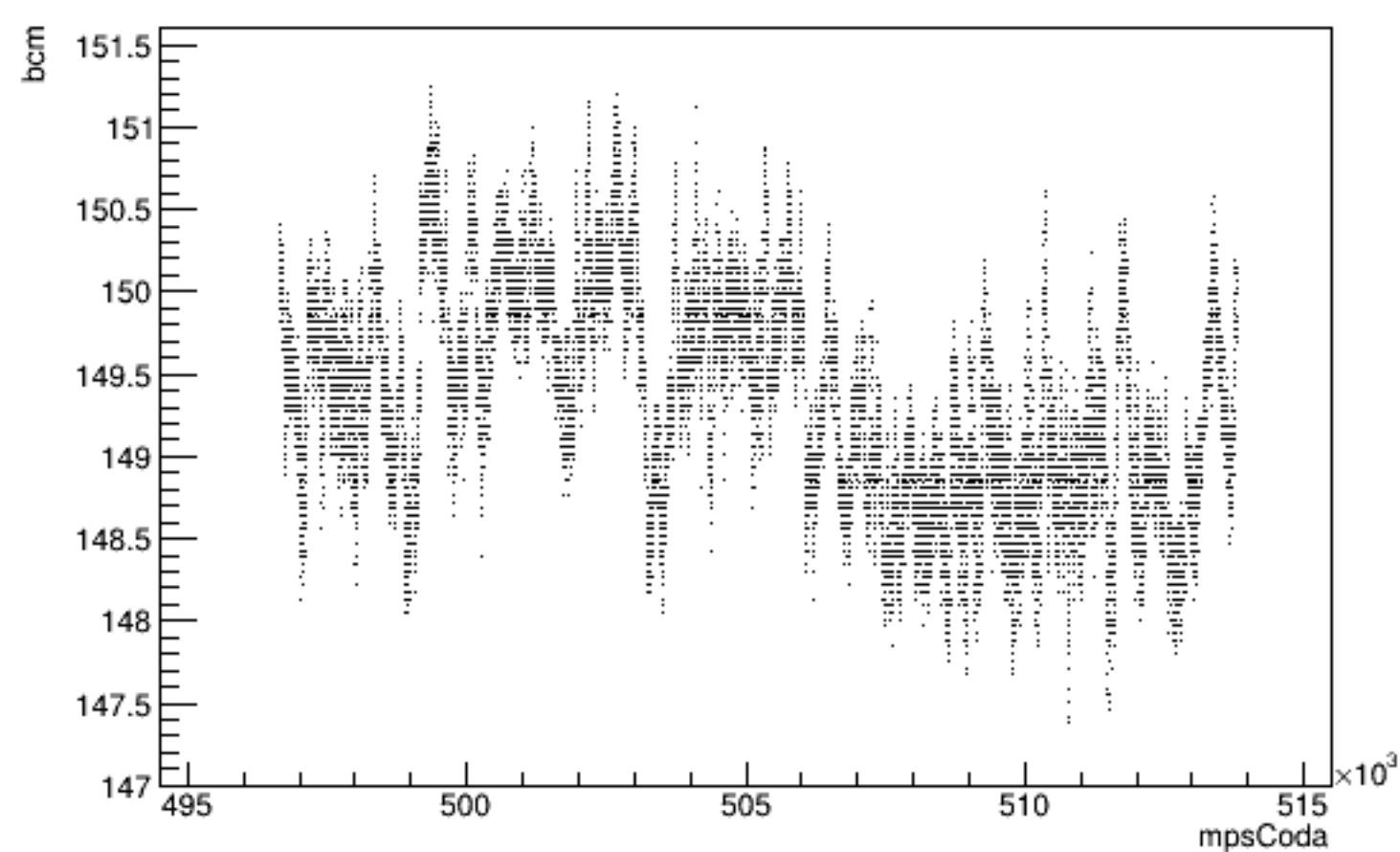
beamState + 1:mpsCoda {mpsCoda>=496636 && mpsCoda<=513795}



cavPowerCalibrated:mpsCoda {mpsCoda>=496636 && mpsCoda<=513795}



bcm:mpsCoda {mpsCoda>=496636 && mpsCoda<=513795}



Cycle 23, Diffs

Entries: 1382

Mean: -0.0068 +/- 0.0070

Std Dev: 0.2612 +/- 0.0050

Entries: 1905

Mean: 0.7435 +/- 0.0102

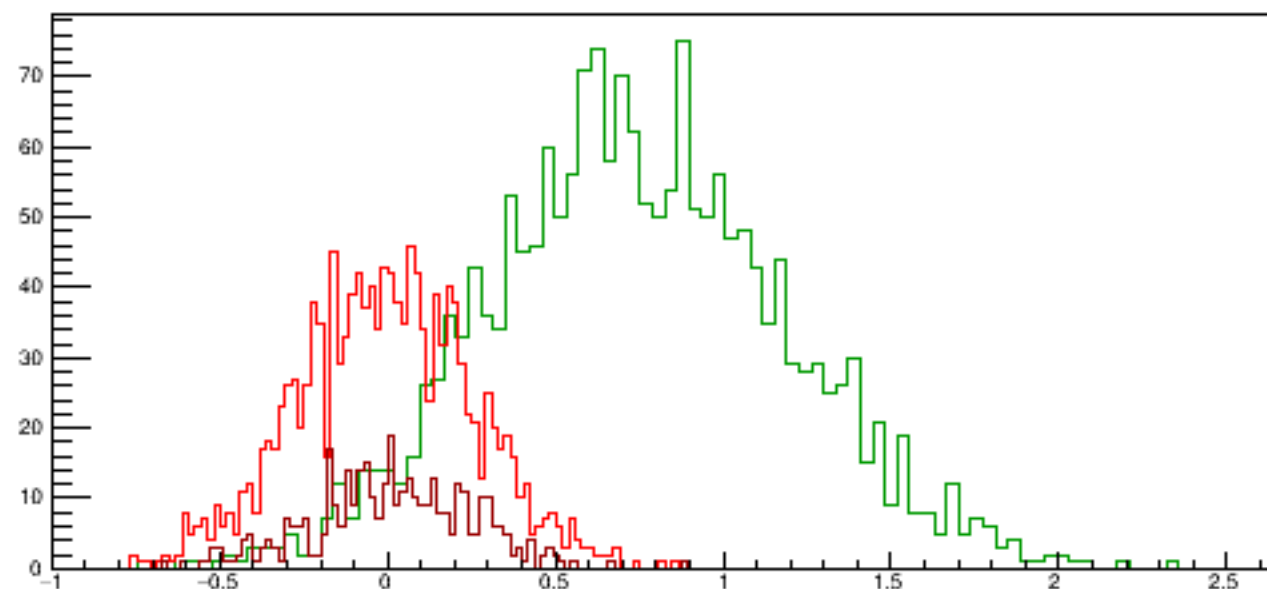
Std Dev: 0.4448 +/- 0.0072

Entries: 388

Mean: 0.0117 +/- 0.0121

Std Dev: 0.2387 +/- 0.0086

Run 5600 quartetwise, Diffs



Cycle 23, Sums

Entries: 1382

Mean: 3.3614 +/- 0.0078

Std Dev: 0.2892 +/- 0.0055

Entries: 1905

Mean: 27.3912 +/- 0.0245

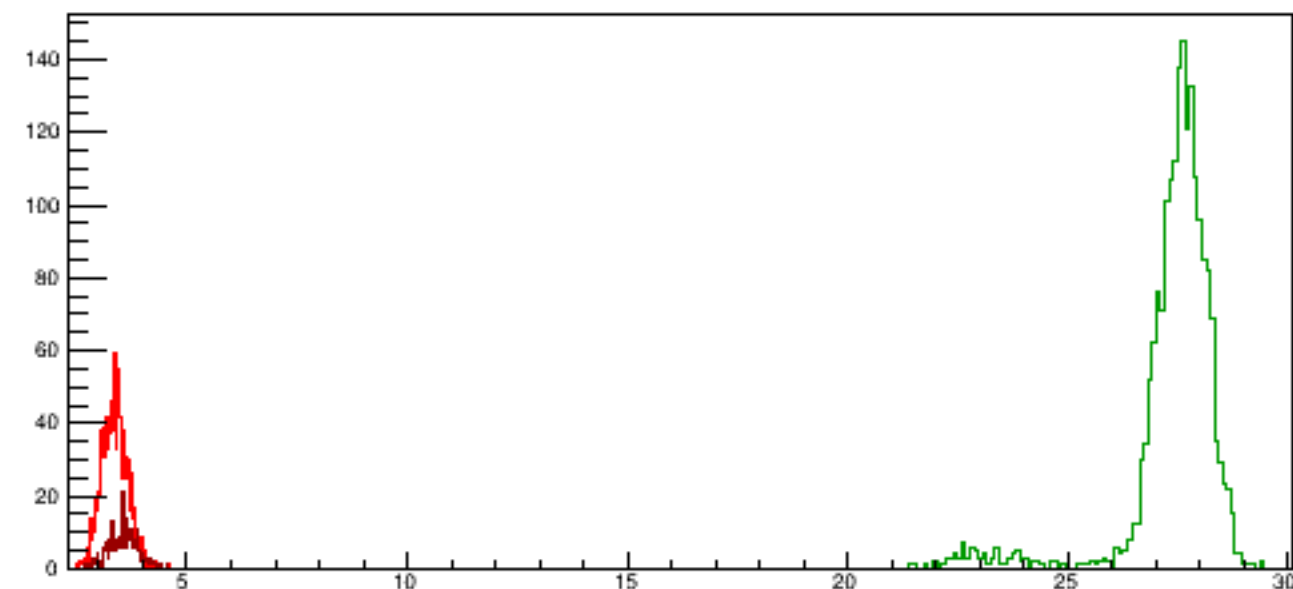
Std Dev: 1.0700 +/- 0.0173

Entries: 388

Mean: 3.5476 +/- 0.0160

Std Dev: 0.3152 +/- 0.0113

Run 5600 quartetwise, Sums



Cycle 23, Asyms

Entries: 1382

Mean: -0.0003 +/- 0.0003

Std Dev: 0.0109 +/- 0.0002

Entries: 1905

Mean: 0.0310 +/- 0.0004

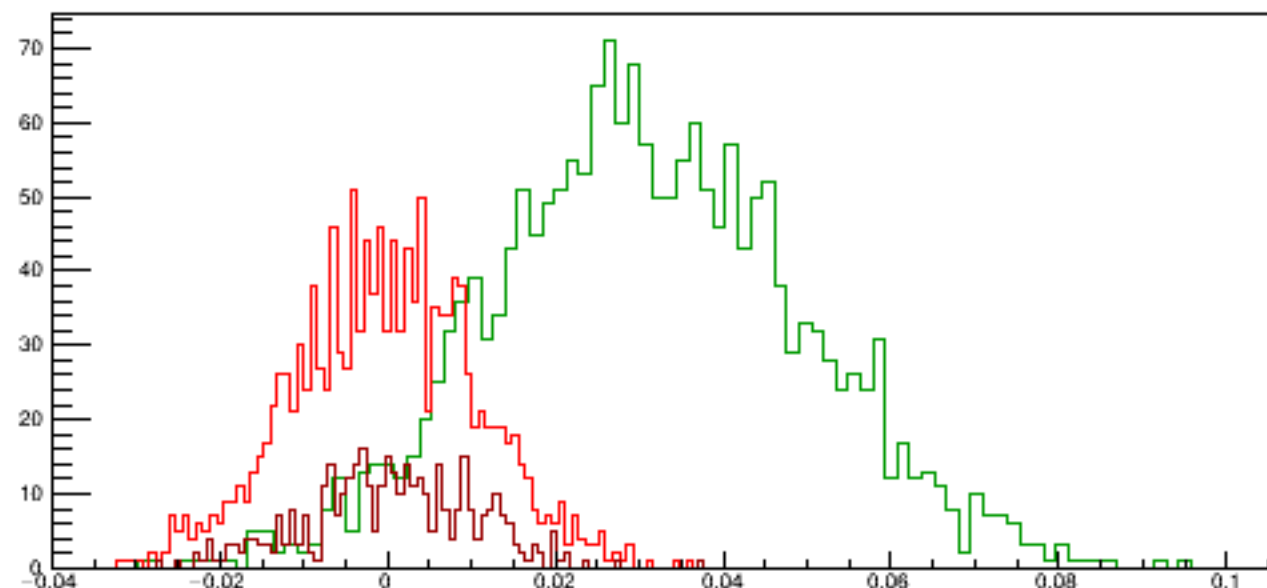
Std Dev: 0.0185 +/- 0.0003

Entries: 388

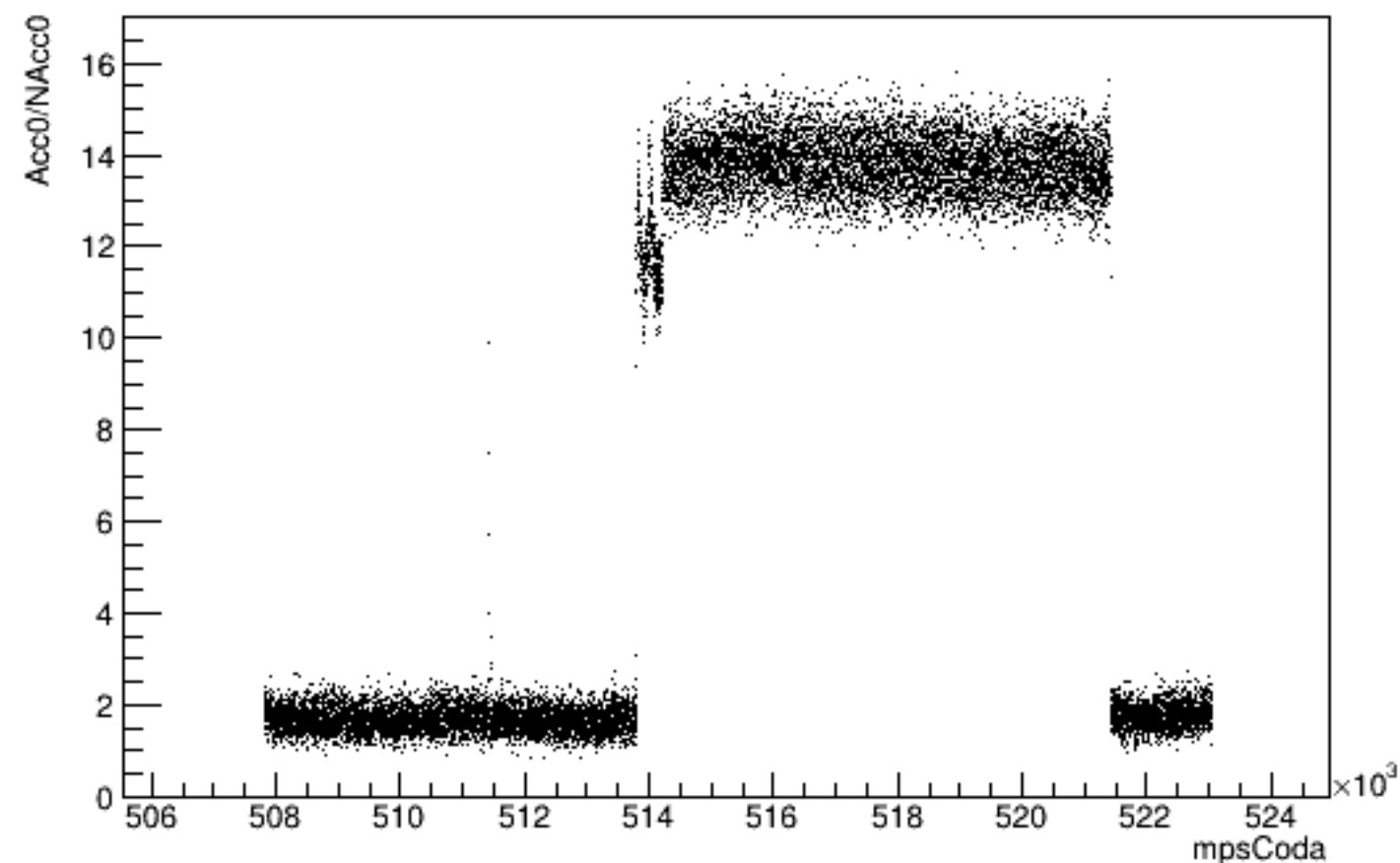
Mean: 0.0005 +/- 0.0005

Std Dev: 0.0100 +/- 0.0004

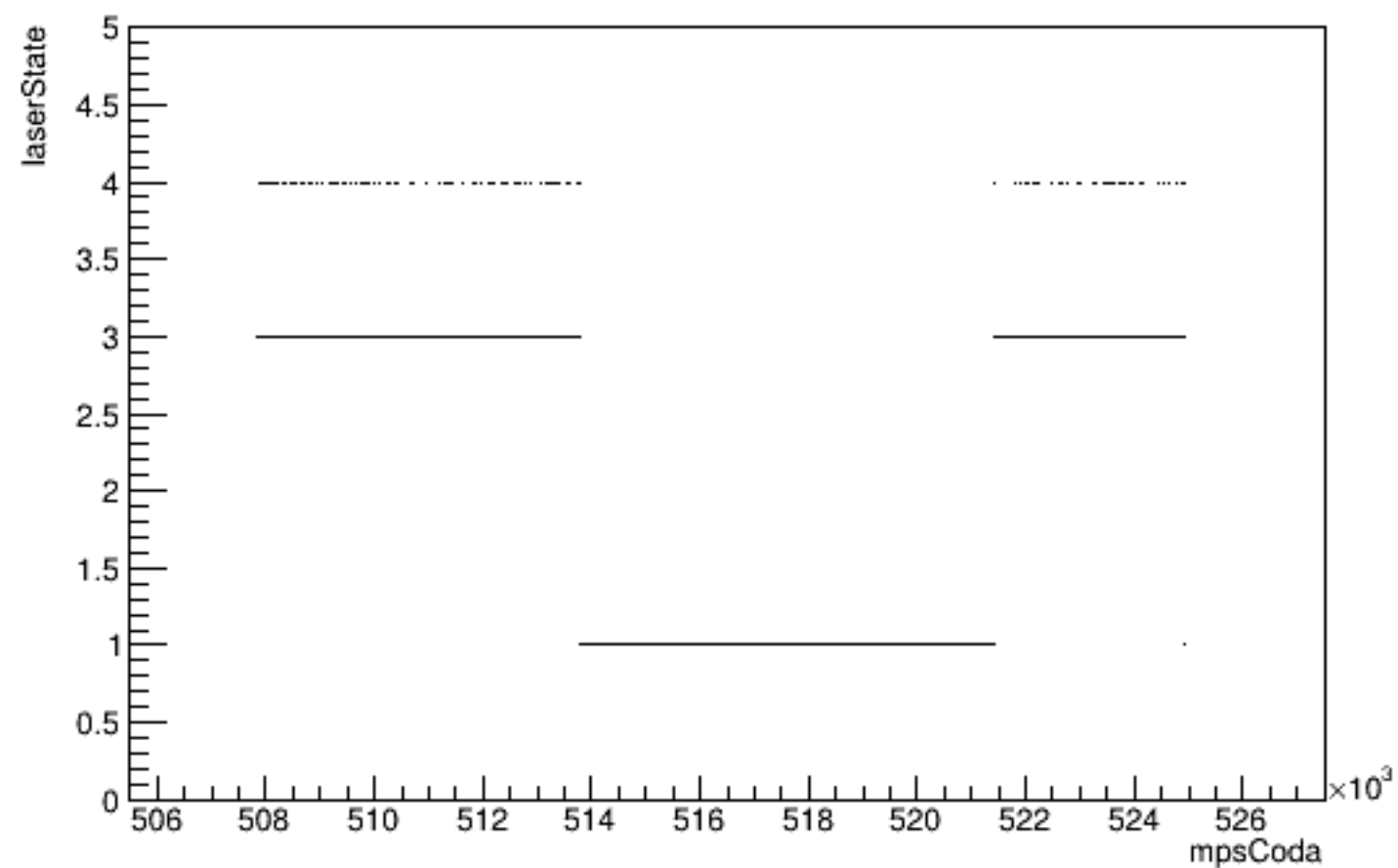
Run 5600 quartetwise, Asyms



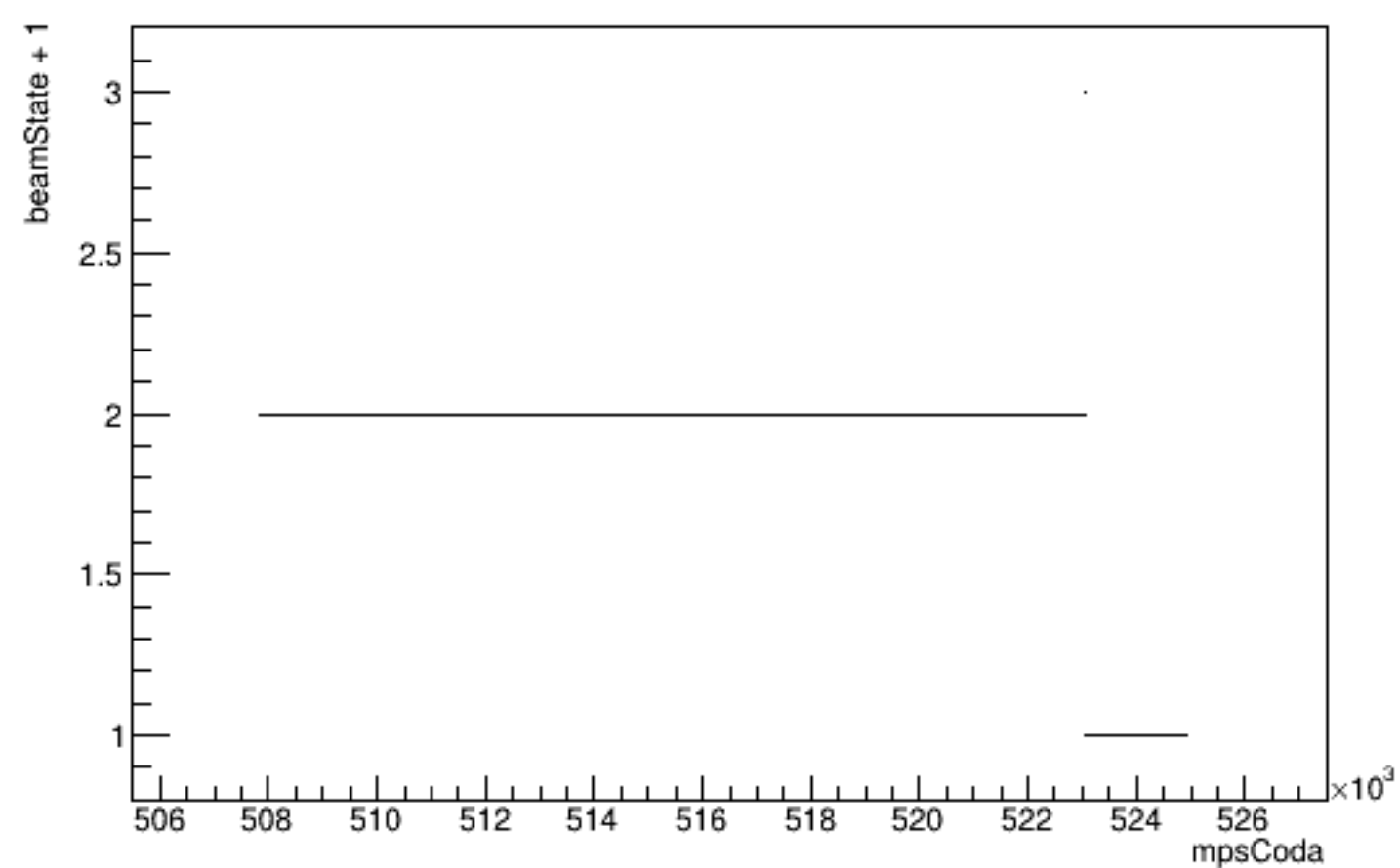
Acc0/NAcc0:mpsCoda (mpsCoda>=507816 && mpsCoda<=524943 && beamState==1)



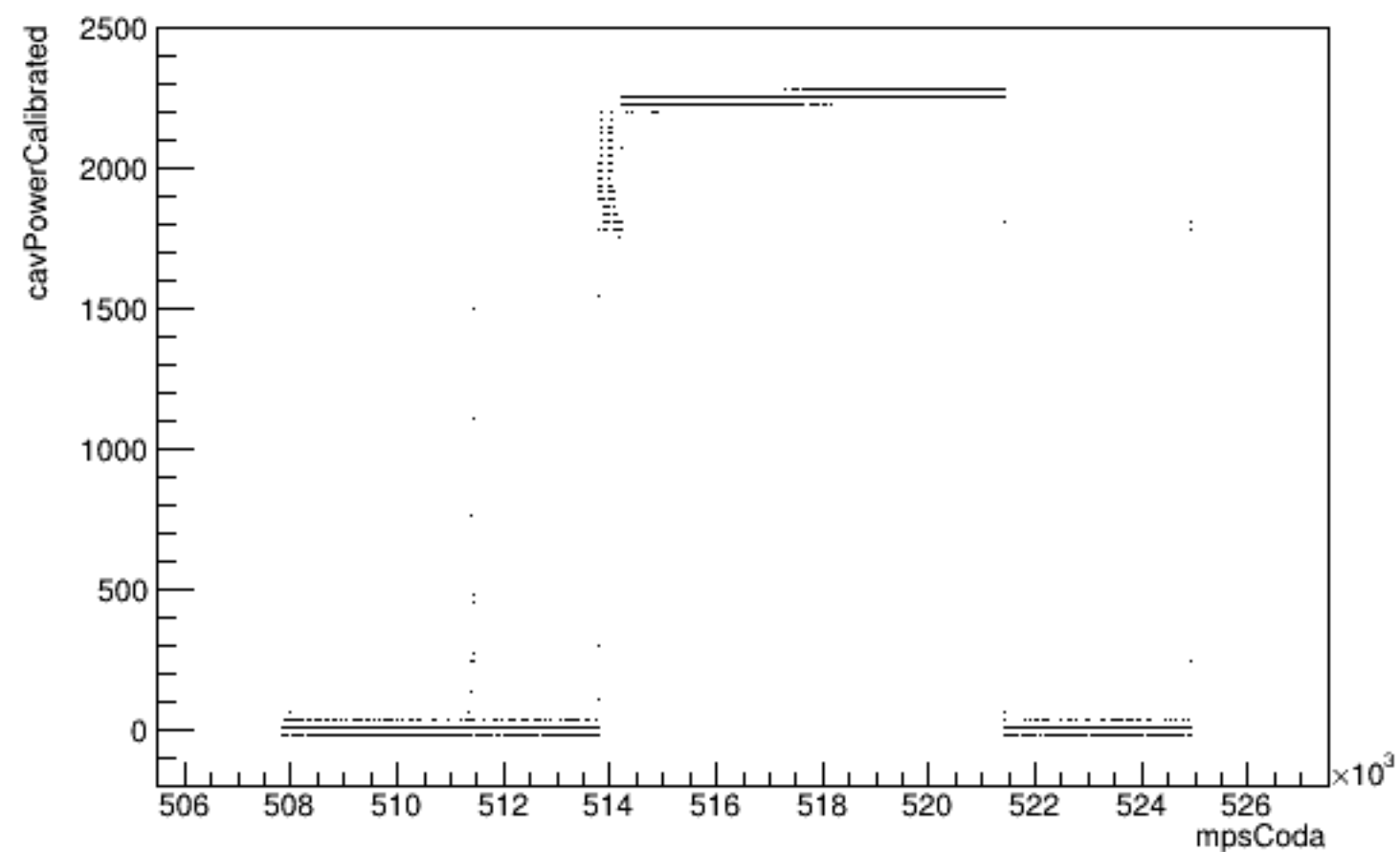
laserState:mpsCoda {mpsCoda>=507816 && mpsCoda<=524943}



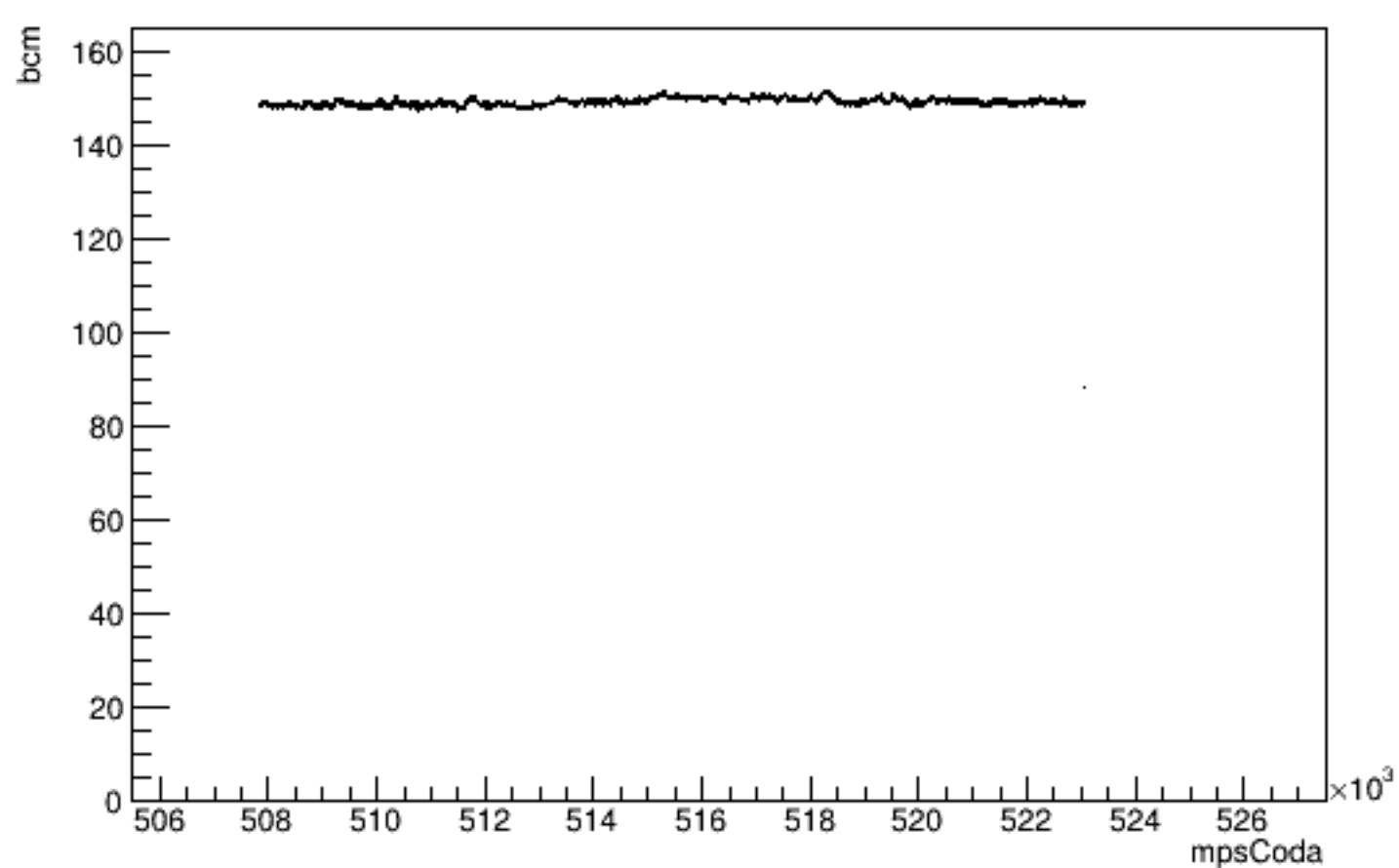
beamState + 1:mpsCoda {mpsCoda>=507816 && mpsCoda<=524943}



cavPowerCalibrated:mpsCoda {mpsCoda>=507816 && mpsCoda<=524943}



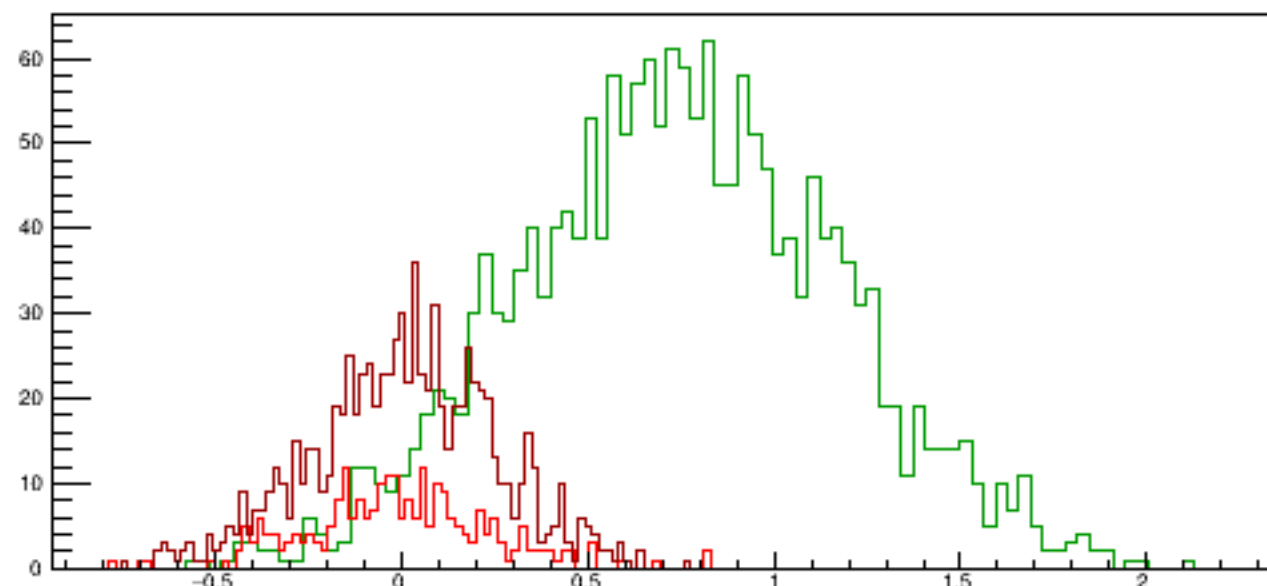
bcm:mpsCoda {mpsCoda>=507816 && mpsCoda<=524943}



Cycle 24, Diffs

Entries: 256	Entries: 1904	Entries: 843
Mean: -0.0126 +/- 0.0155	Mean: 0.7422 +/- 0.0098	Mean: 0.0053 +/- 0.0085
Std Dev: 0.2486 +/- 0.0110	Std Dev: 0.4291 +/- 0.0070	Std Dev: 0.2456 +/- 0.0060

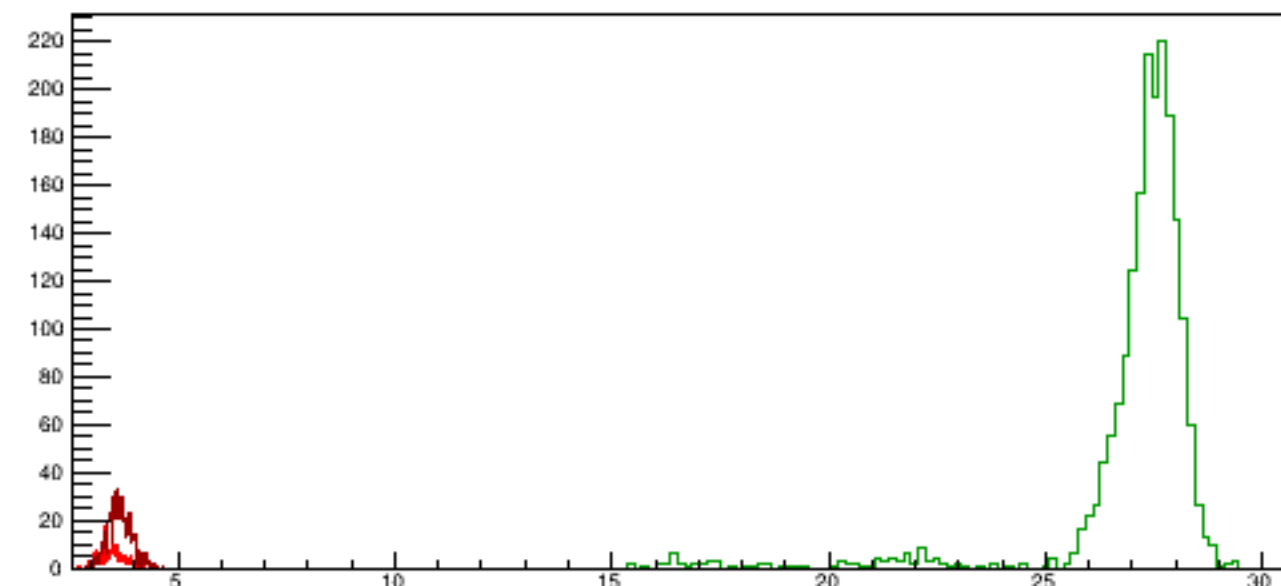
Run 5600 quartetwise, Diffs



Cycle 24, Sums

Entries: 256	Entries: 1904	Entries: 843
Mean: 3.4741 +/- 0.0176	Mean: 27.0693 +/- 0.0414	Mean: 3.6494 +/- 0.0094
Std Dev: 0.2817 +/- 0.0124	Std Dev: 1.8081 +/- 0.0293	Std Dev: 0.2741 +/- 0.0067

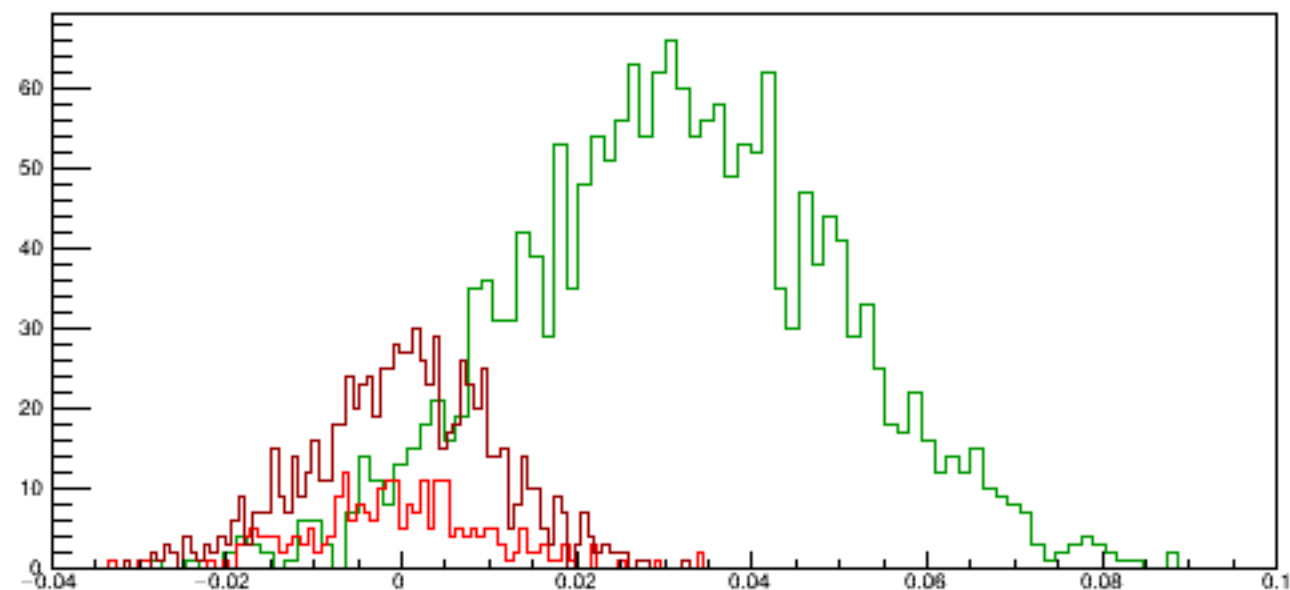
Run 5600 quartetwise, Sums



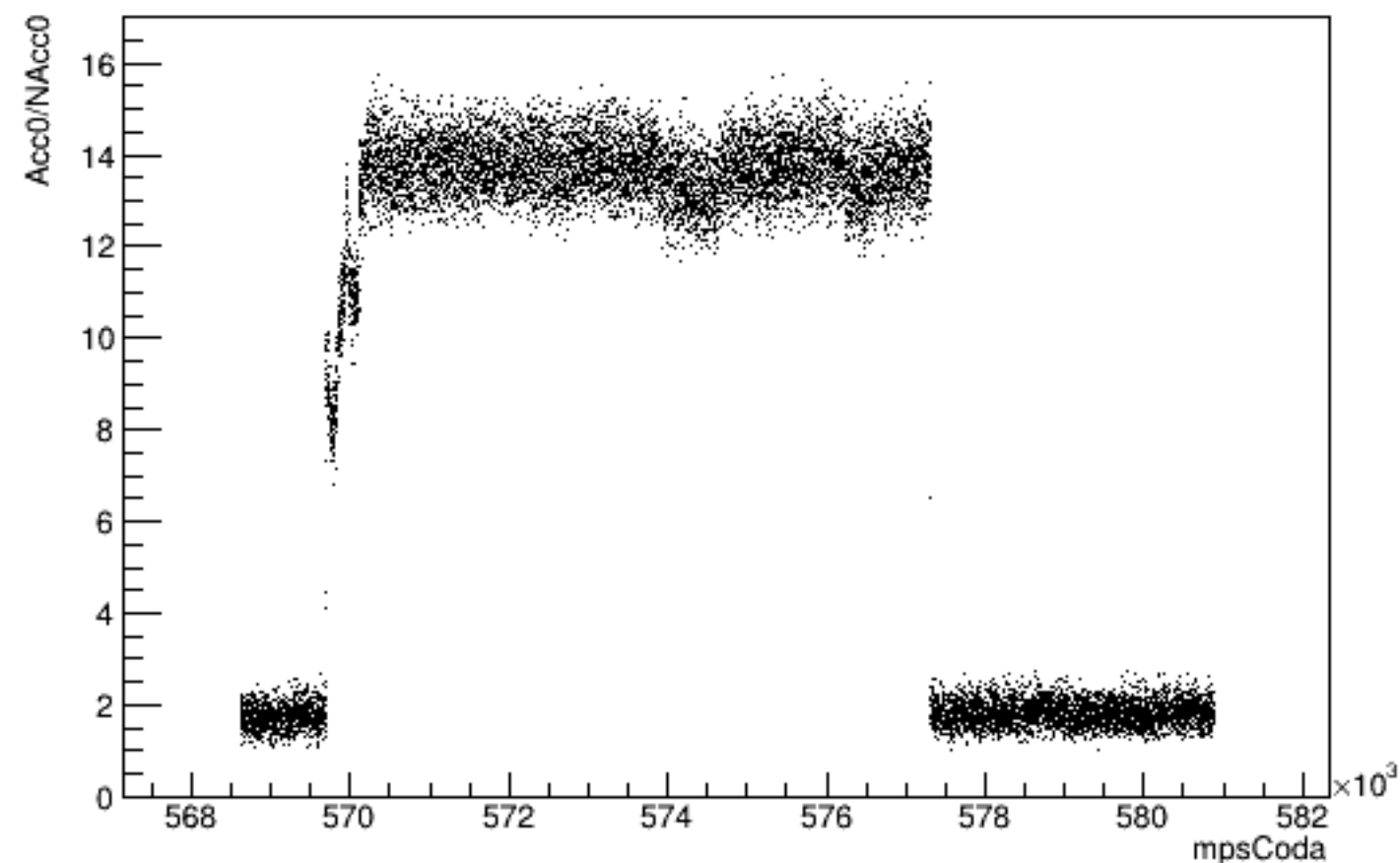
Cycle 24, Asyms

Entries: 256	Entries: 1904	Entries: 843
Mean: -0.0005 +/- 0.0007	Mean: 0.0316 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0106 +/- 0.0005	Std Dev: 0.0182 +/- 0.0003	Std Dev: 0.0104 +/- 0.0003

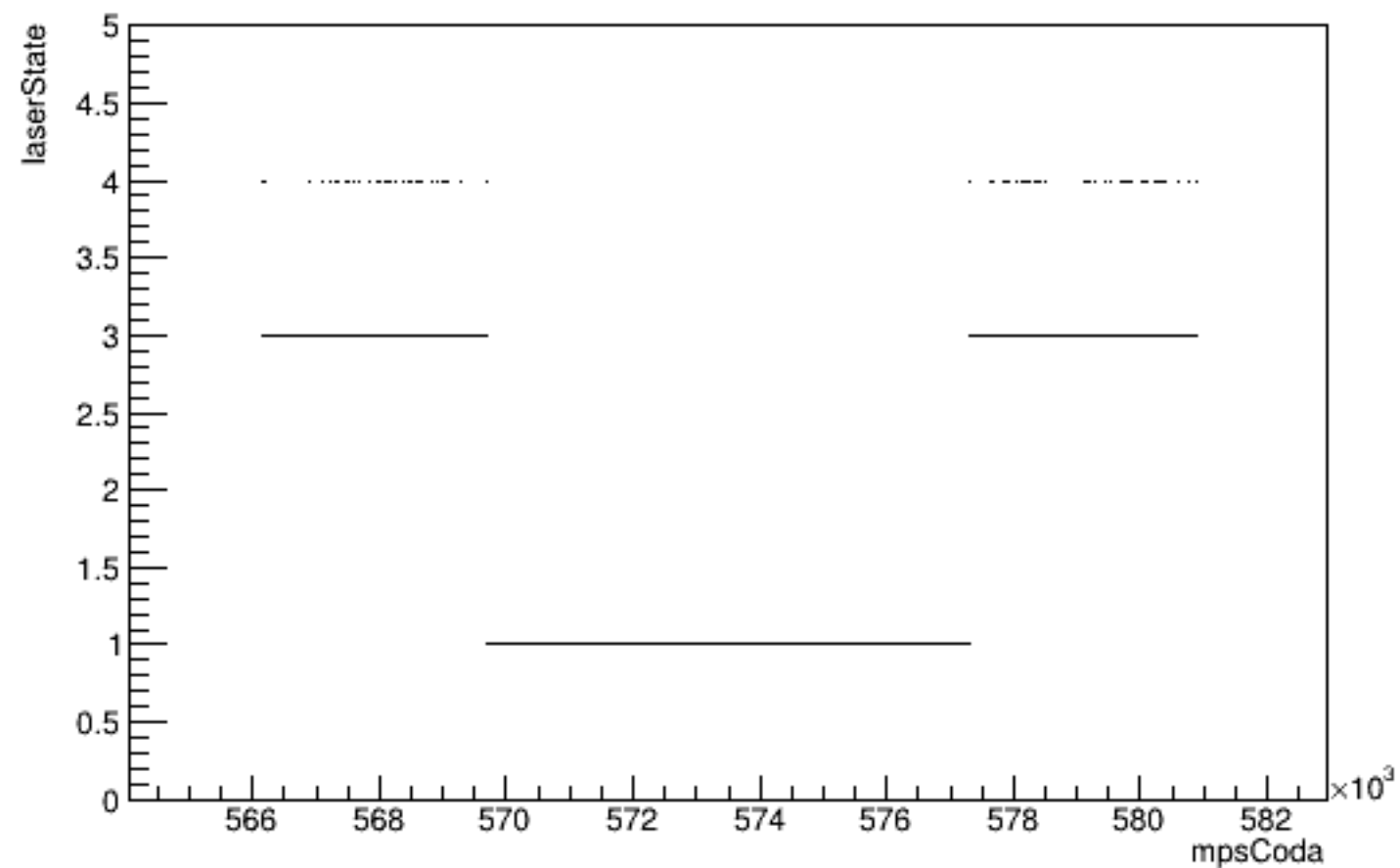
Run 5600 quartetwise, Asyms



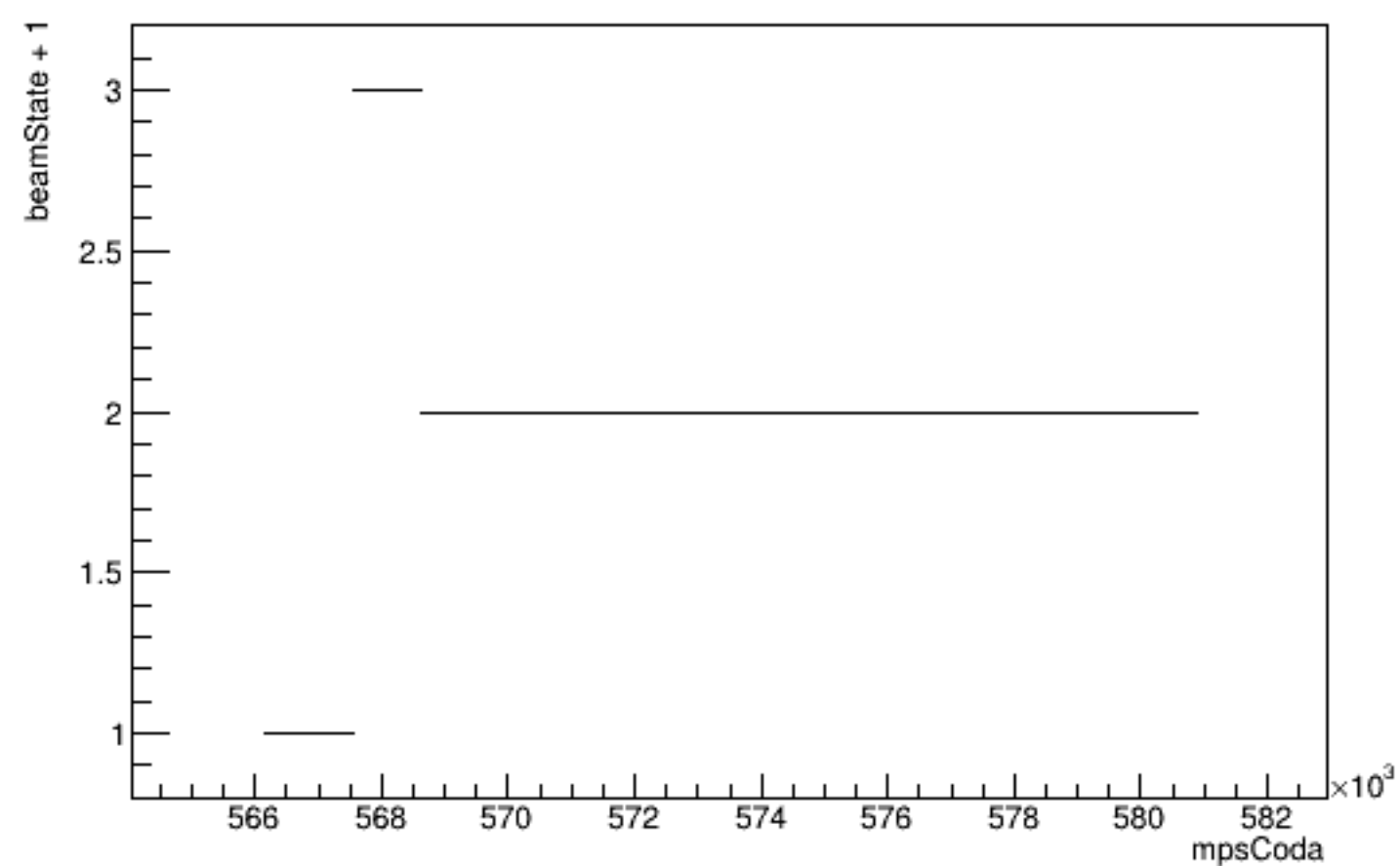
Acc0/NAcc0:mpsCoda (mpsCoda>=566140 && mpsCoda<=580875 && beamState==1)



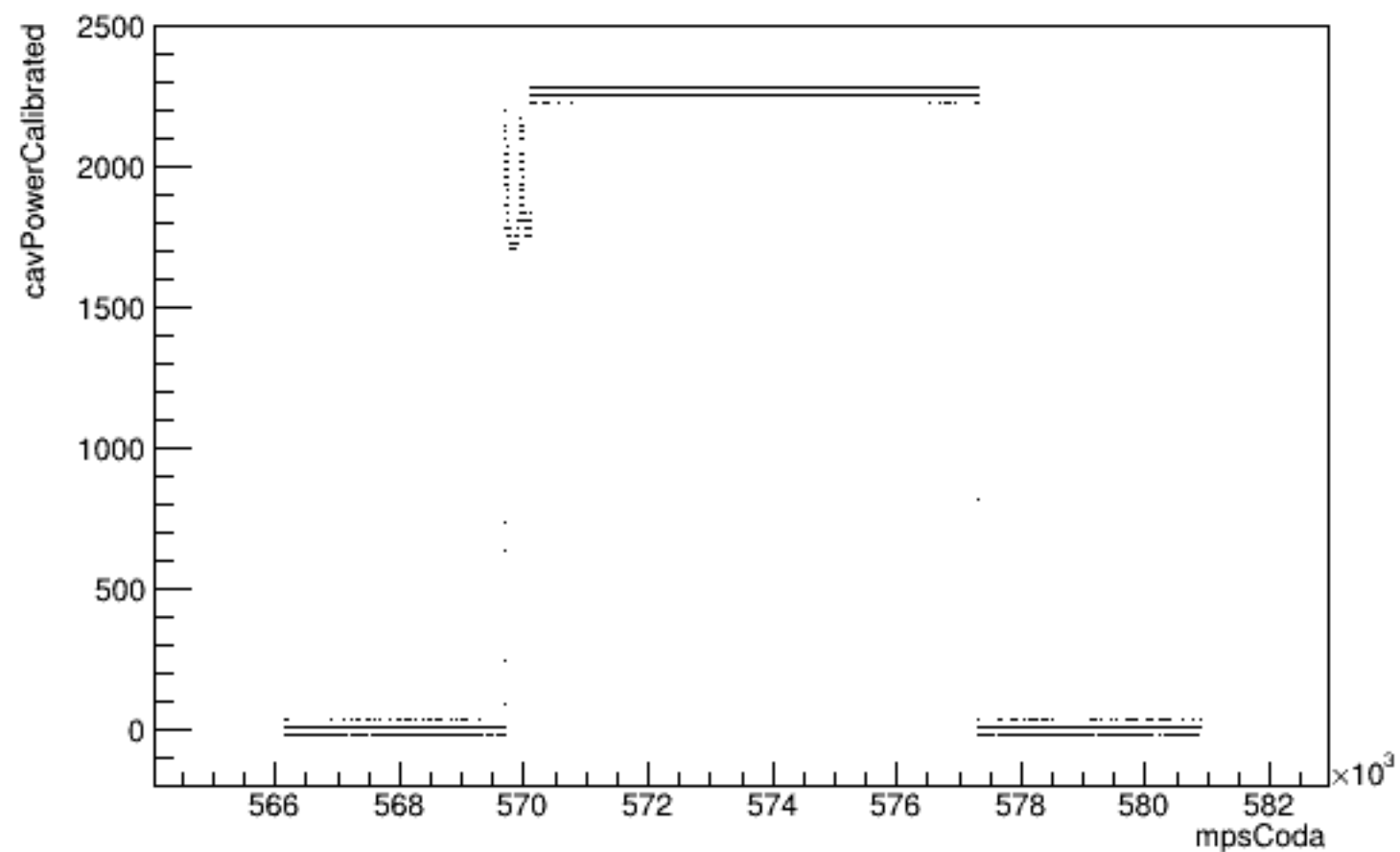
laserState:mpsCoda {mpsCoda>=566140 && mpsCoda<=580875}



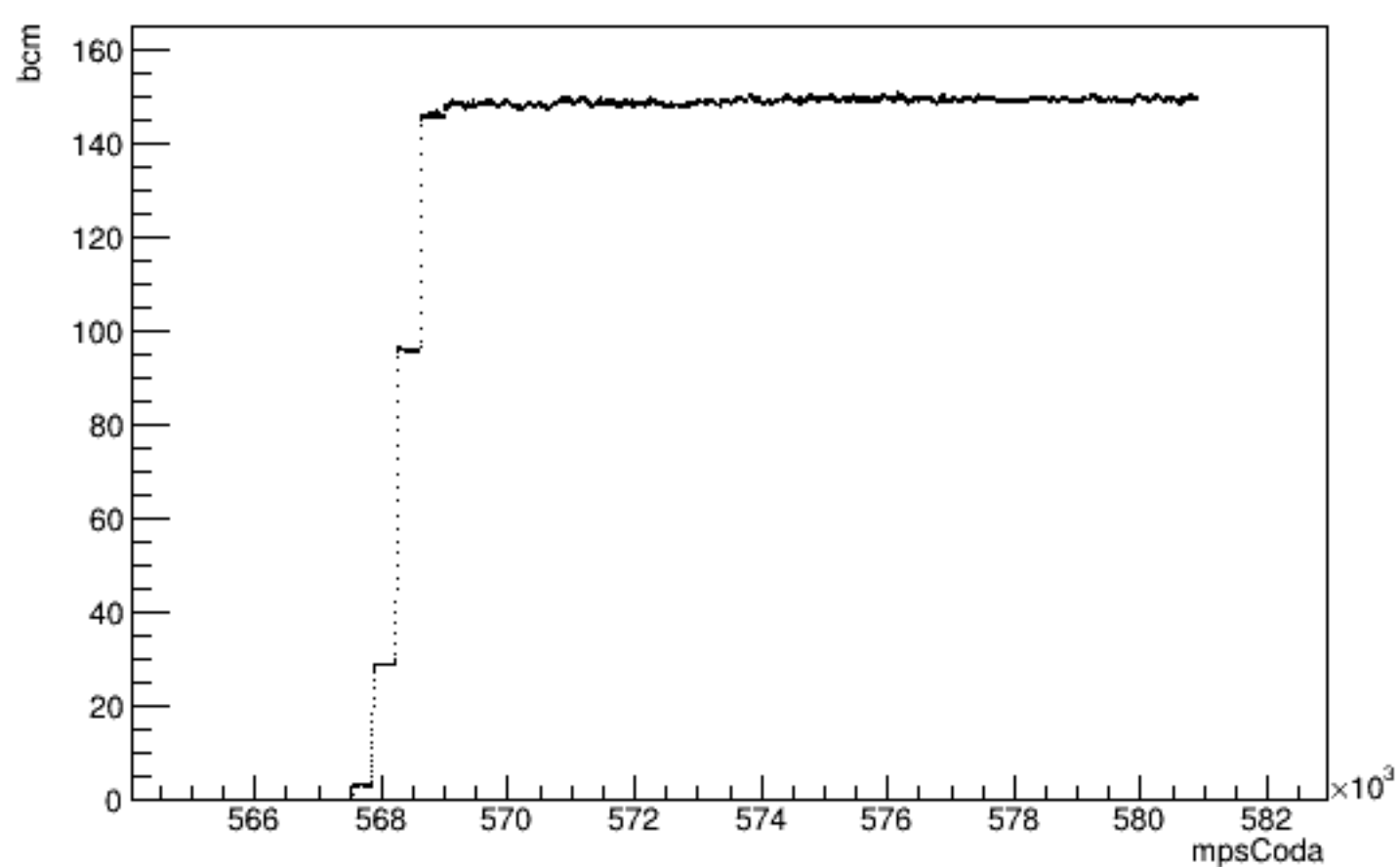
beamState + 1:mpsCoda {mpsCoda>=566140 && mpsCoda<=580875}



cavPowerCalibrated:mpsCoda {mpsCoda>=566140 && mpsCoda<=580875}



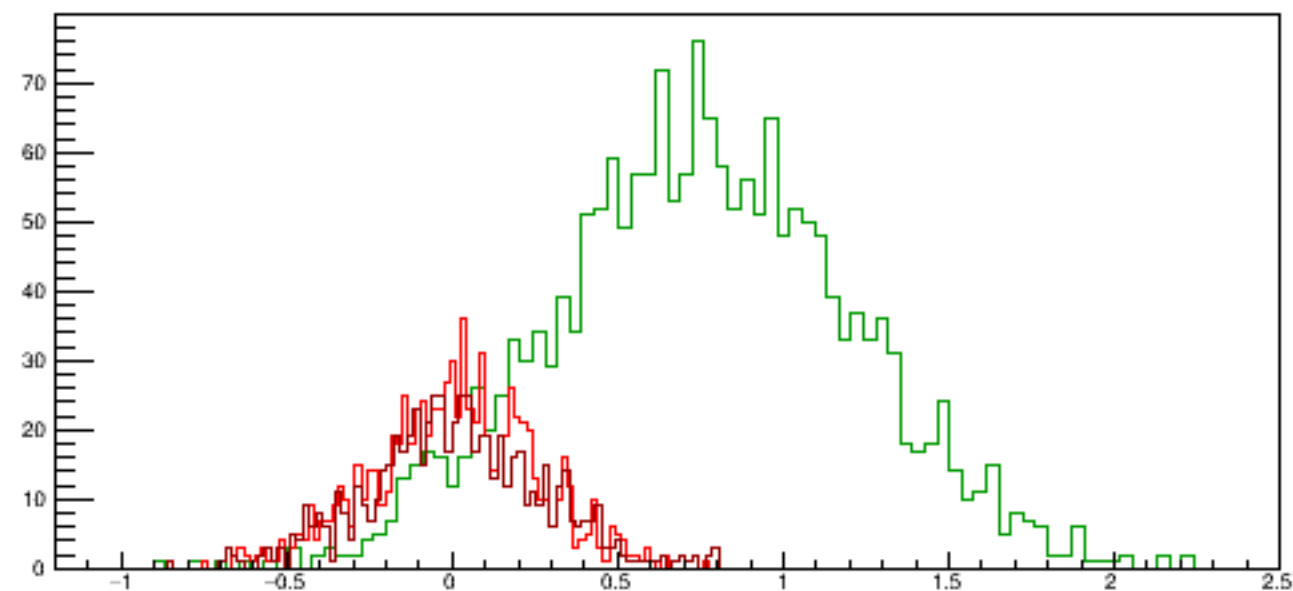
bcm:mpsCoda {mpsCoda>=566140 && mpsCoda<=580875}



Cycle 25, Diffs

Entries: 843	Entries: 1901	Entries: 672
Mean: 0.0053 +/- 0.0085	Mean: 0.7527 +/- 0.0104	Mean: 0.0127 +/- 0.0103
Std Dev: 0.2456 +/- 0.0060	Std Dev: 0.4549 +/- 0.0074	Std Dev: 0.2672 +/- 0.0073

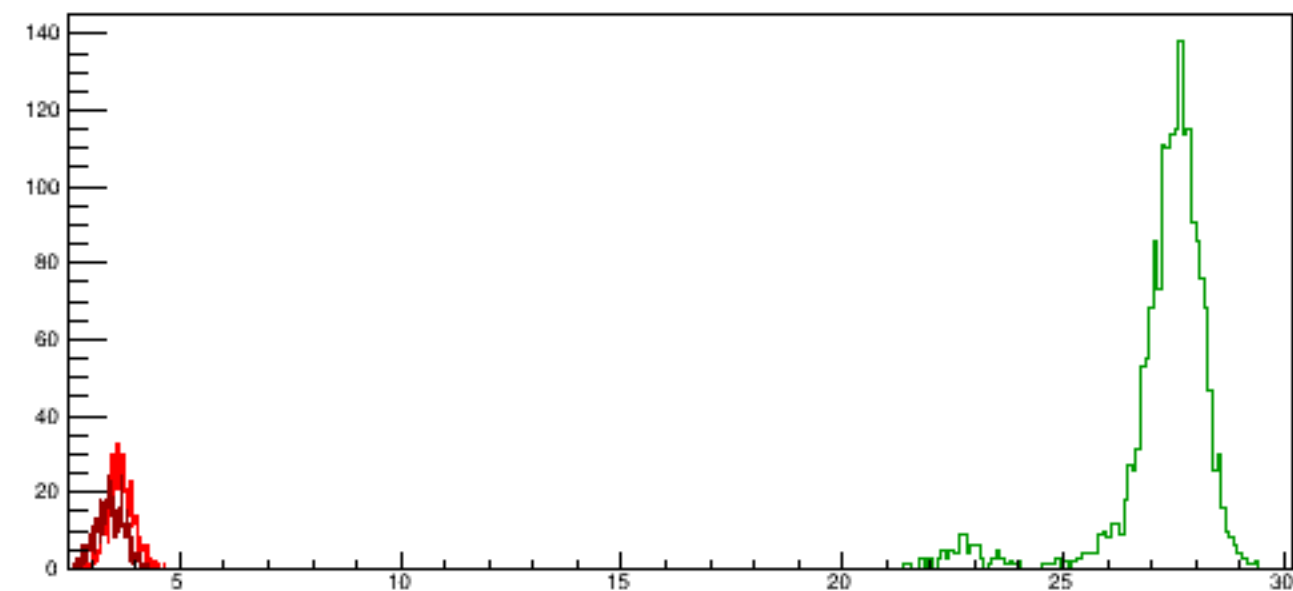
Run 5600 quartetwise, Diffs



Cycle 25, Sums

Entries: 843	Entries: 1901	Entries: 672
Mean: 3.6494 +/- 0.0094	Mean: 27.2902 +/- 0.0264	Mean: 3.4454 +/- 0.0117
Std Dev: 0.2741 +/- 0.0067	Std Dev: 1.1528 +/- 0.0187	Std Dev: 0.3040 +/- 0.0083

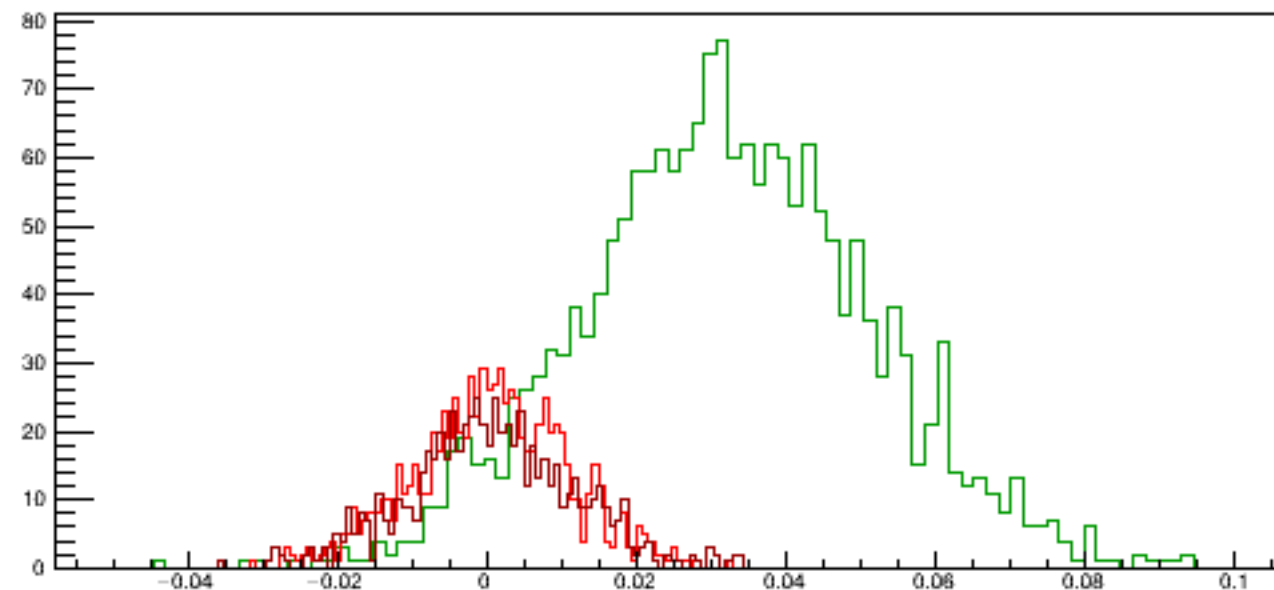
Run 5600 quartetwise, Sums



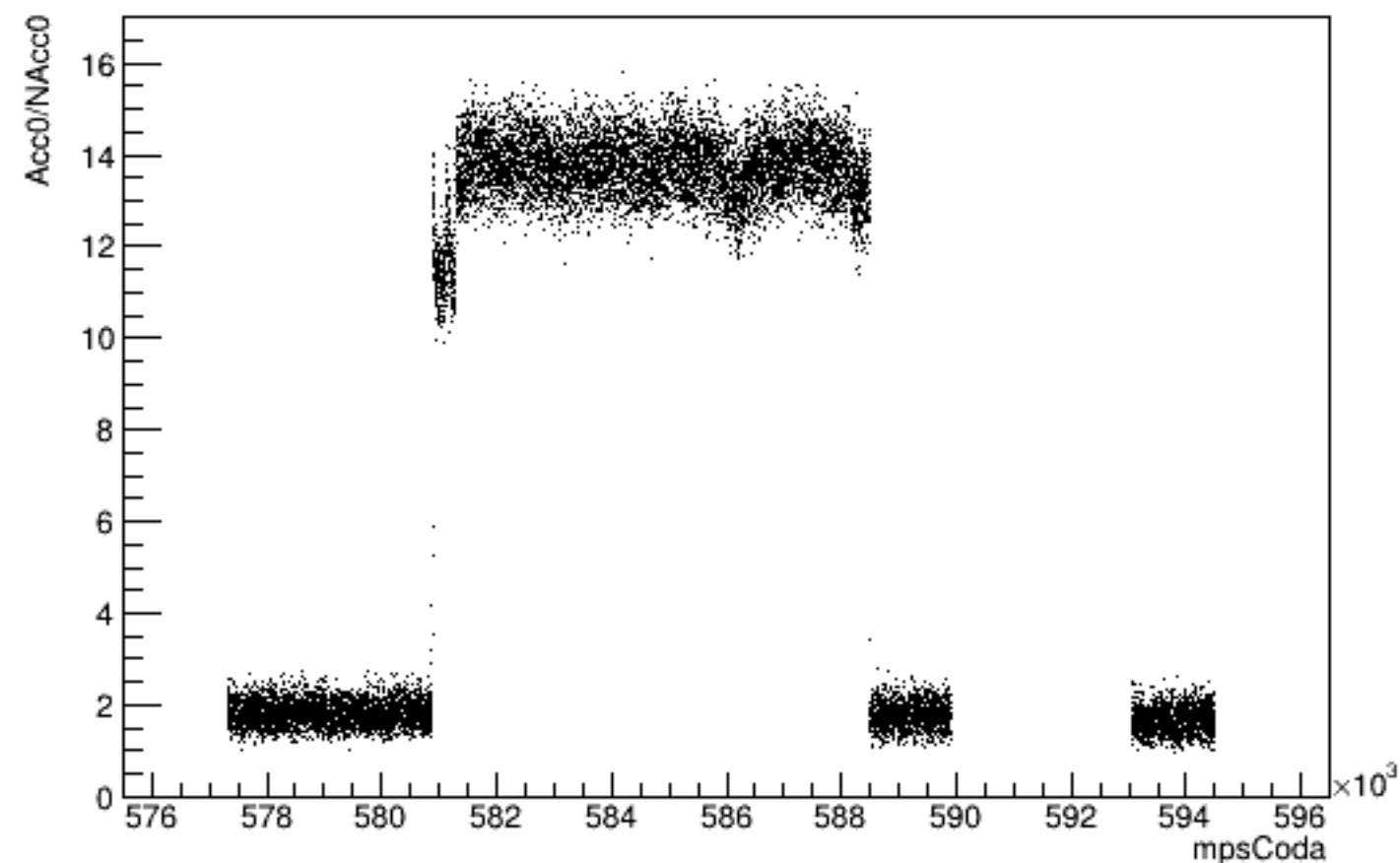
Cycle 25, Asyms

Entries: 843	Entries: 1901	Entries: 672
Mean: 0.0002 +/- 0.0004	Mean: 0.0317 +/- 0.0004	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0103 +/- 0.0003	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0113 +/- 0.0003

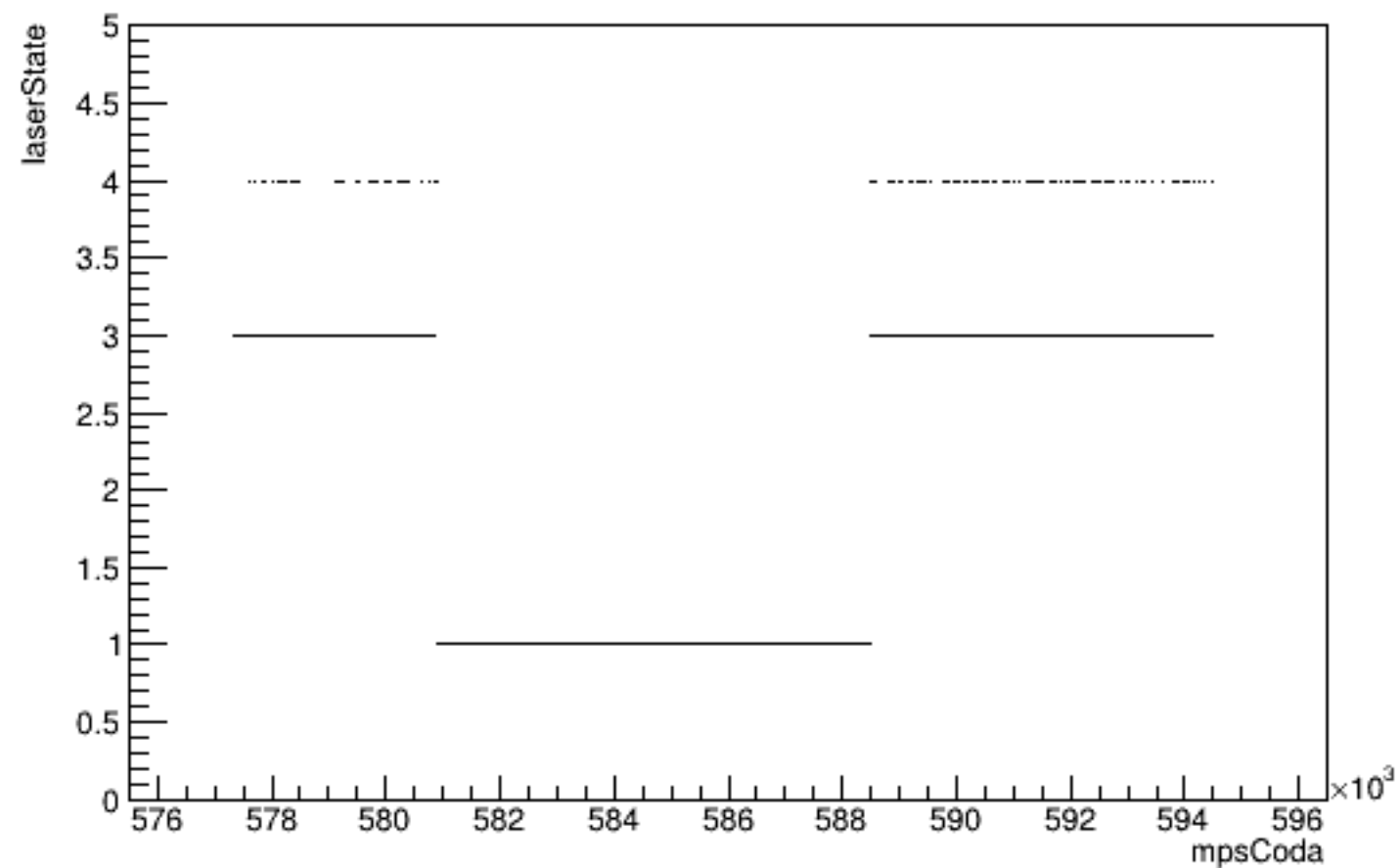
Run 5600 quartetwise, Asyms



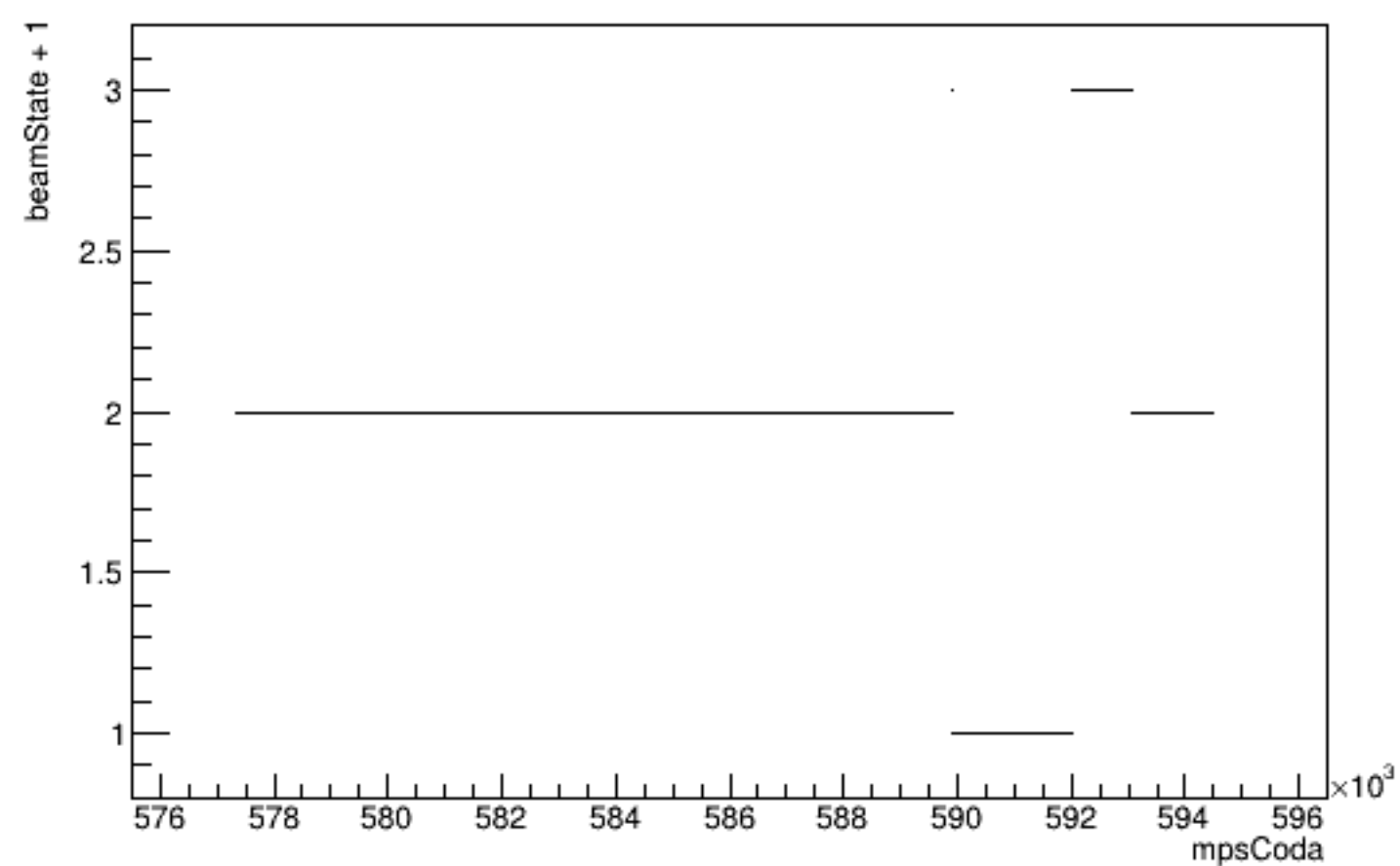
Acc0/NAcc0:mpsCoda (mpsCoda>=577320 && mpsCoda<=594499 && beamState==1)



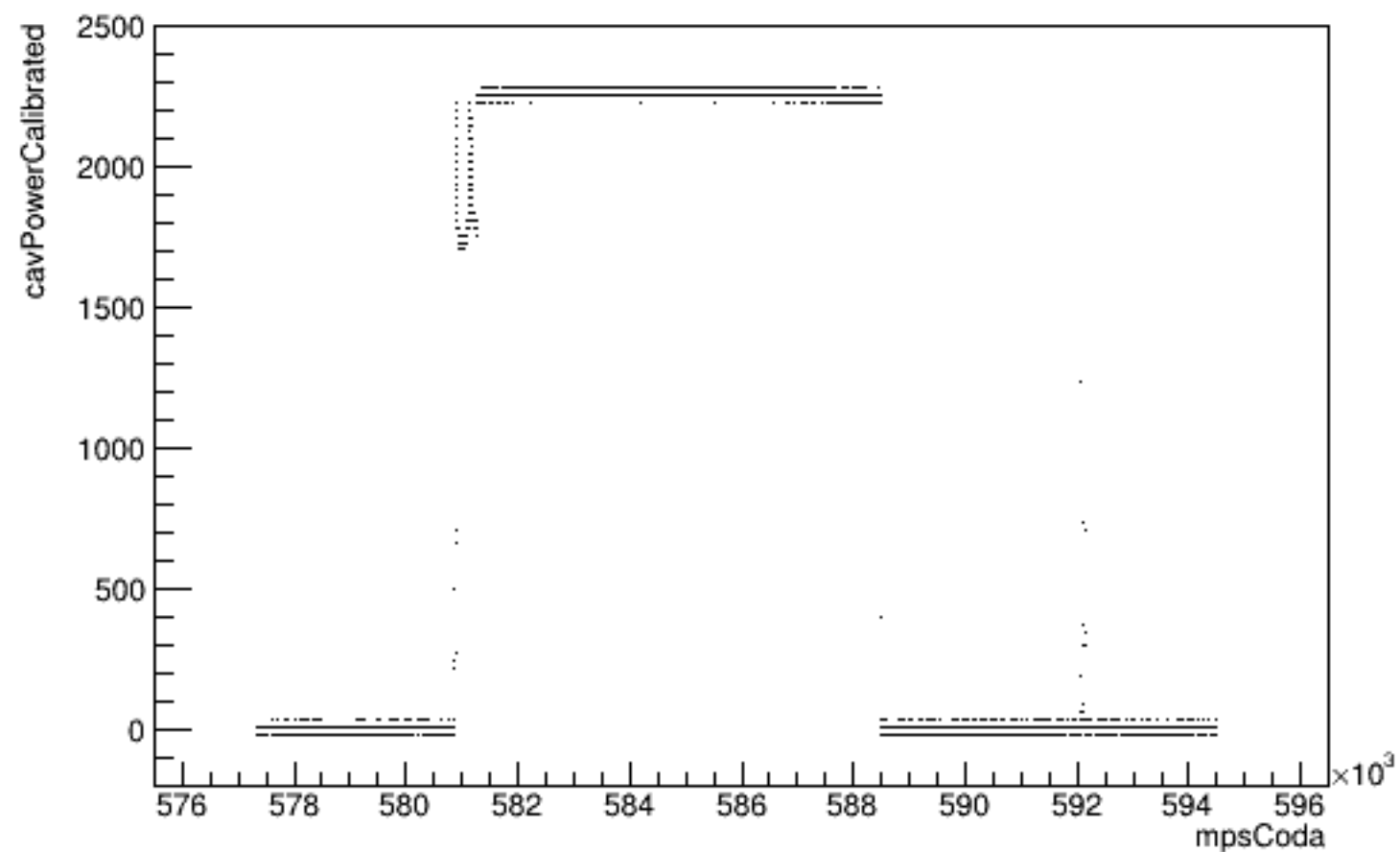
laserState:mpsCoda {mpsCoda>=577320 && mpsCoda<=594499}



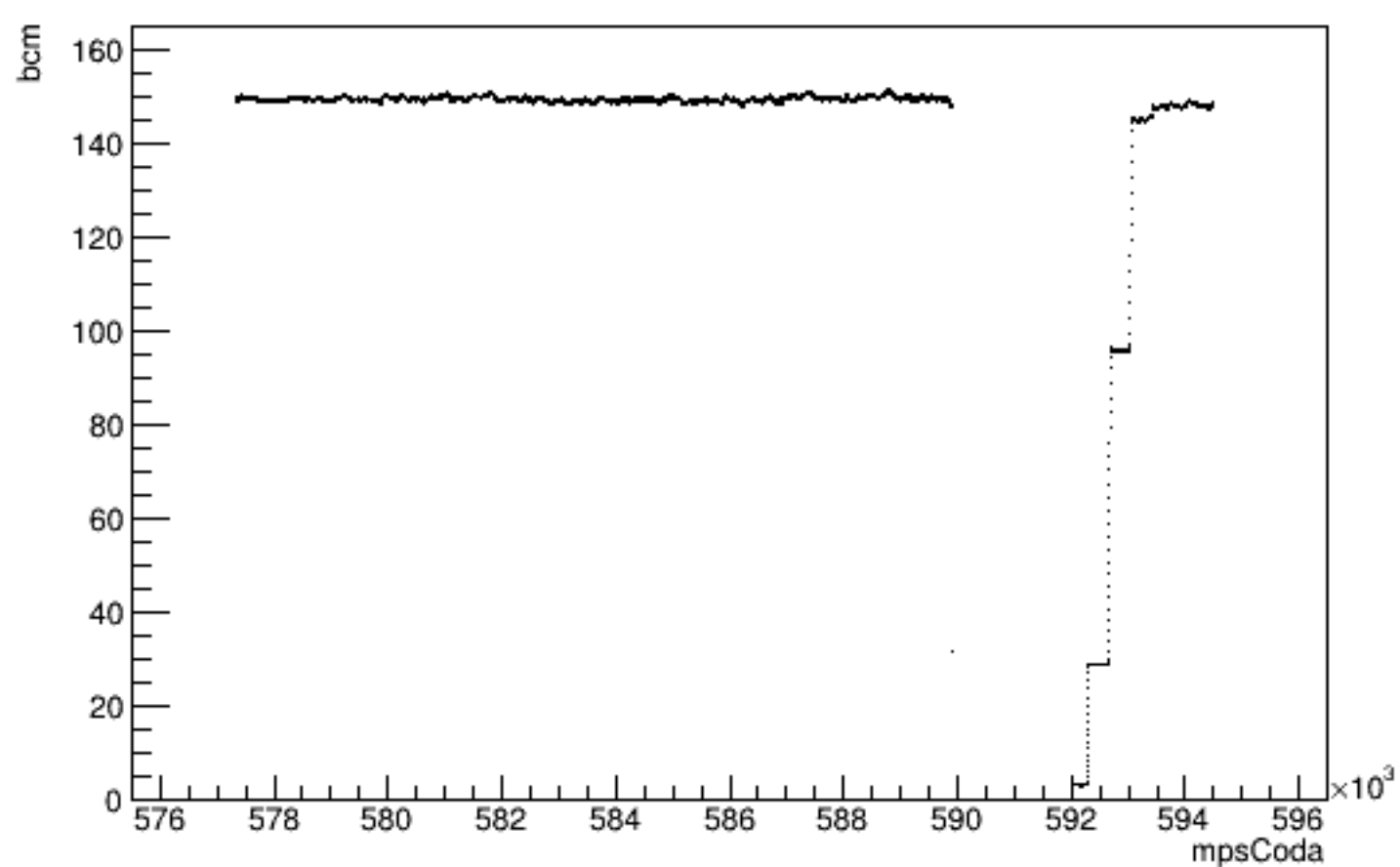
beamState + 1:mpsCoda {mpsCoda>=577320 && mpsCoda<=594499}



cavPowerCalibrated:mpsCoda {mpsCoda>=577320 && mpsCoda<=594499}



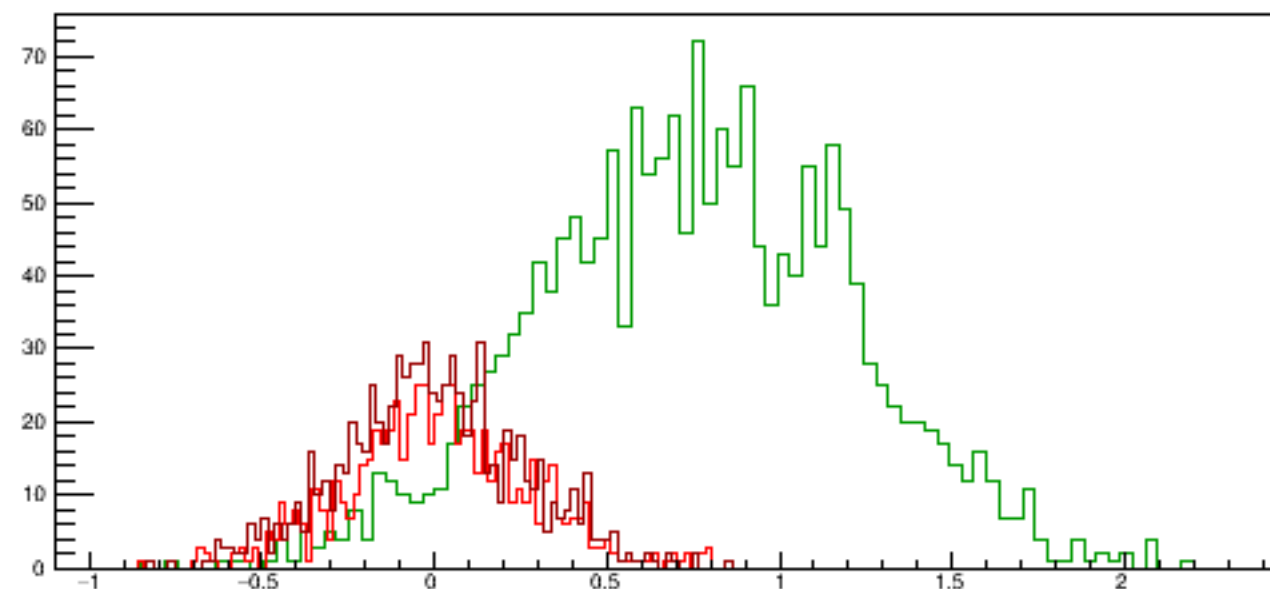
bcm:mpsCoda {mpsCoda>=577320 && mpsCoda<=594499}



Cycle 26, Diffs

Entries: 672	Entries: 1885	Entries: 832
Mean: 0.0127 +/- 0.0103	Mean: 0.7507 +/- 0.0105	Mean: -0.0078 +/- 0.0091
Std Dev: 0.2672 +/- 0.0073	Std Dev: 0.4576 +/- 0.0075	Std Dev: 0.2618 +/- 0.0064

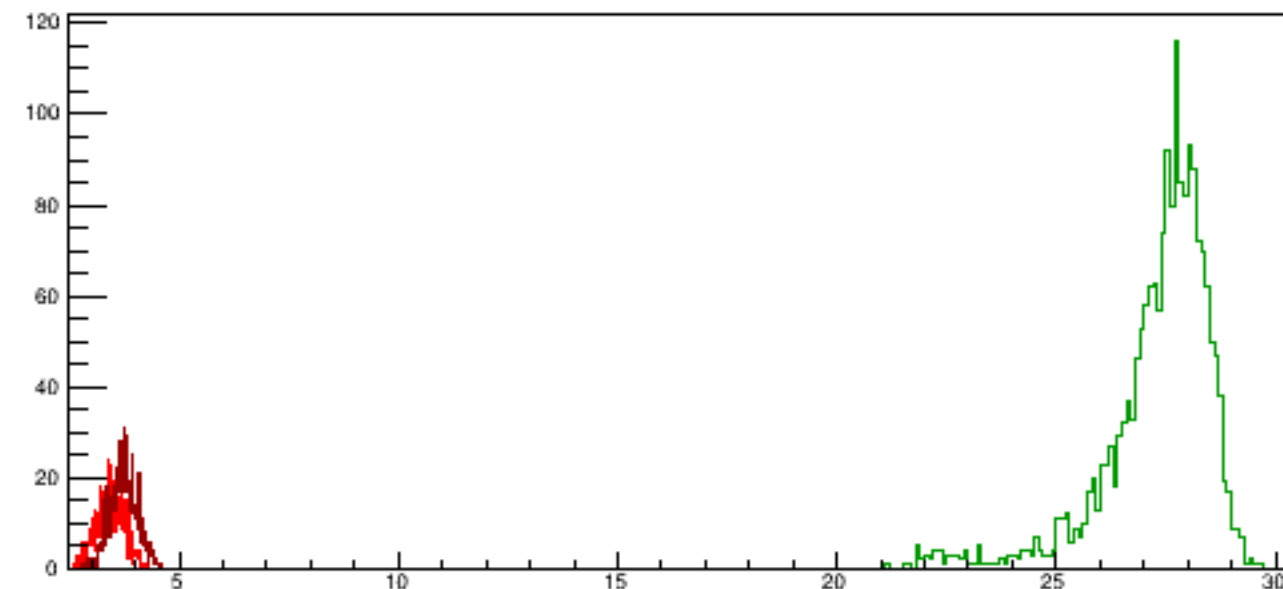
Run 5600 quartetwise, Diffs



Cycle 26, Sums

Entries: 672	Entries: 1885	Entries: 832
Mean: 3.4454 +/- 0.0117	Mean: 27.3256 +/- 0.0289	Mean: 3.7331 +/- 0.0108
Std Dev: 0.3040 +/- 0.0083	Std Dev: 1.2532 +/- 0.0204	Std Dev: 0.3104 +/- 0.0076

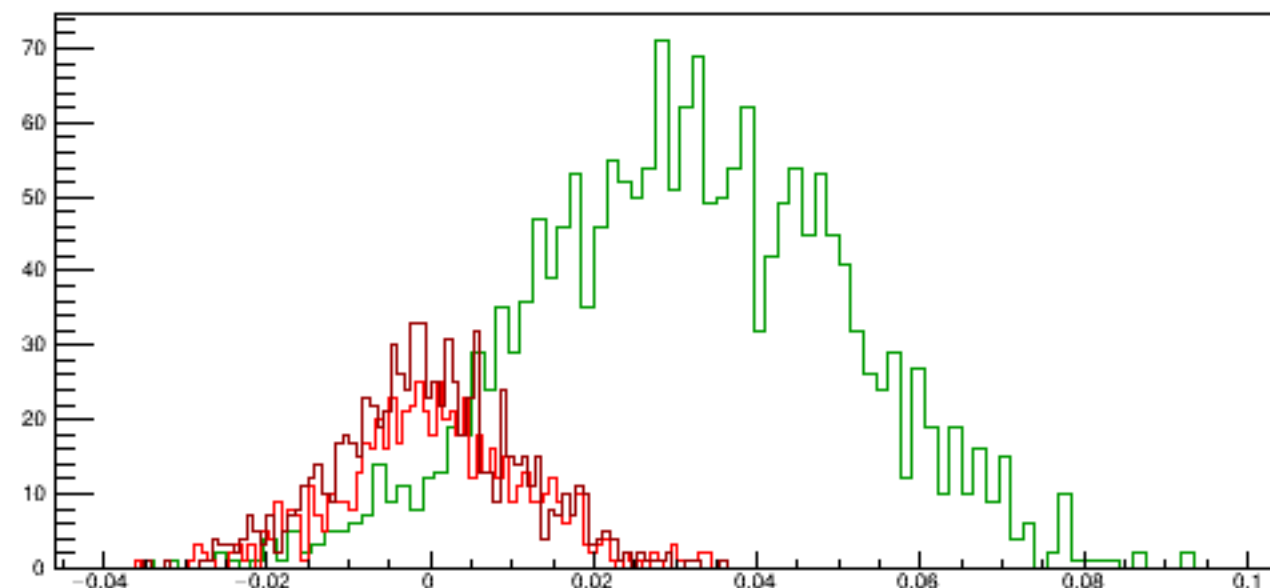
Run 5600 quartetwise, Sums



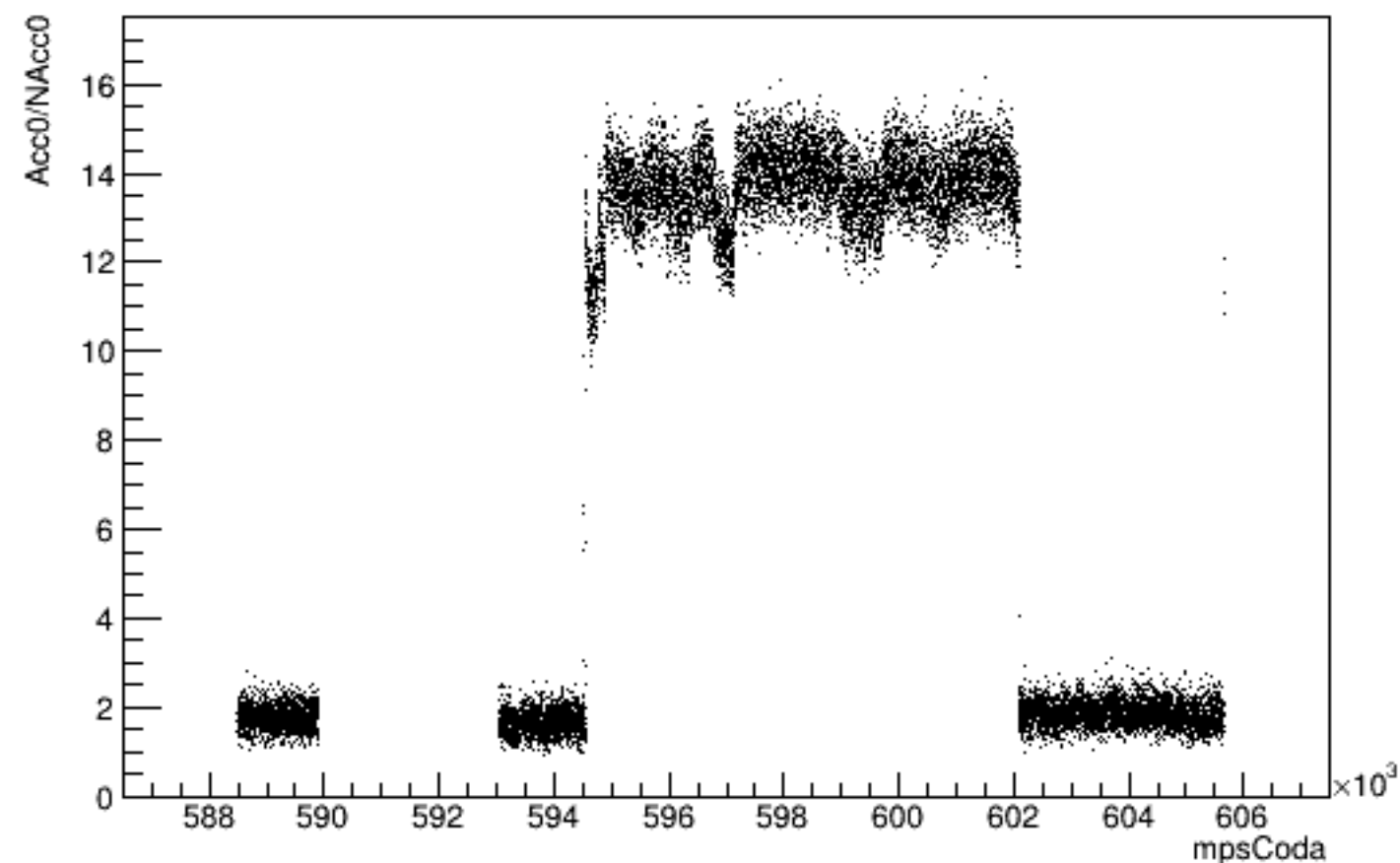
Cycle 26, Asyms

Entries: 672	Entries: 1885	Entries: 832
Mean: 0.0005 +/- 0.0004	Mean: 0.0316 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0110 +/- 0.0003

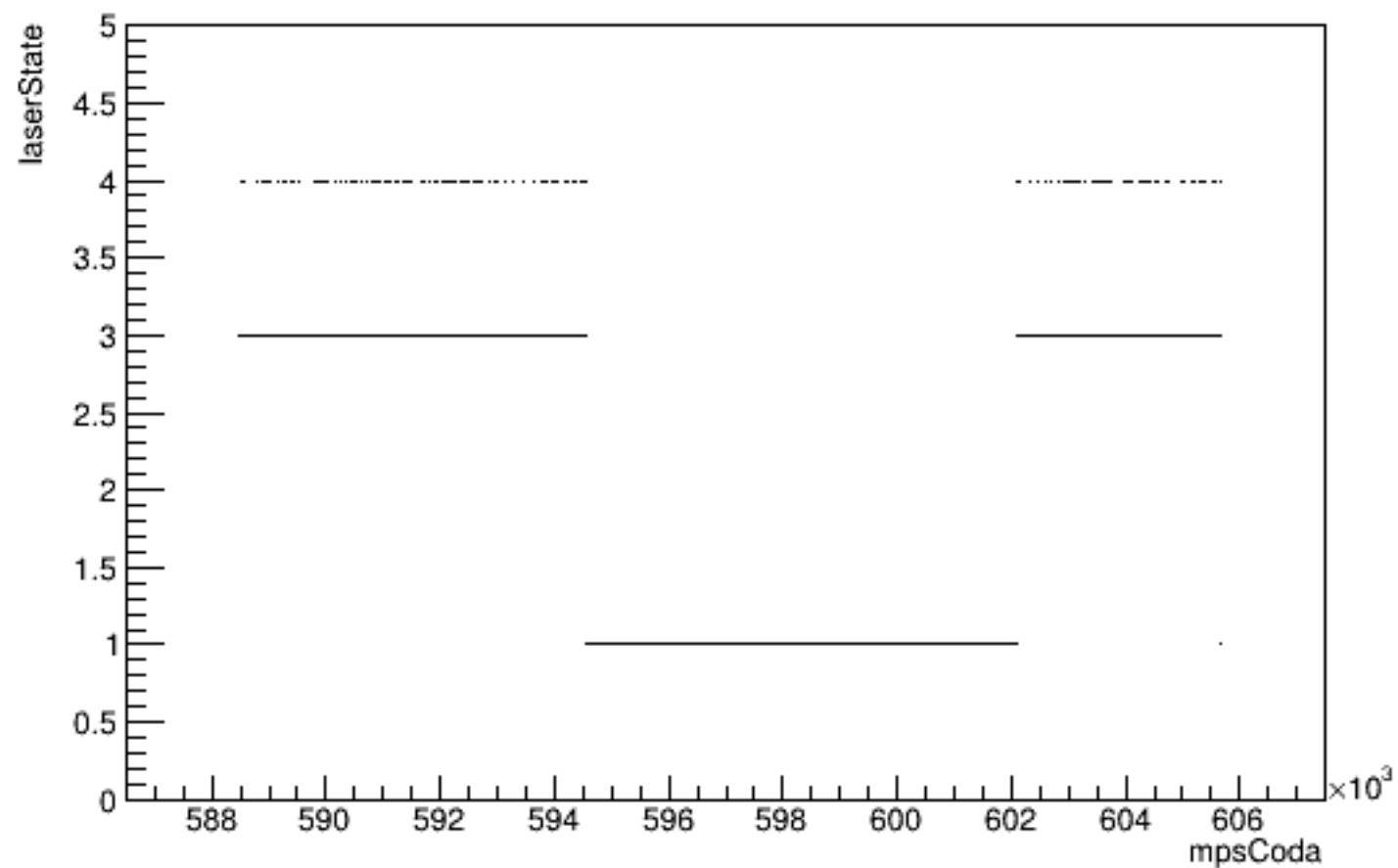
Run 5600 quartetwise, Asyms



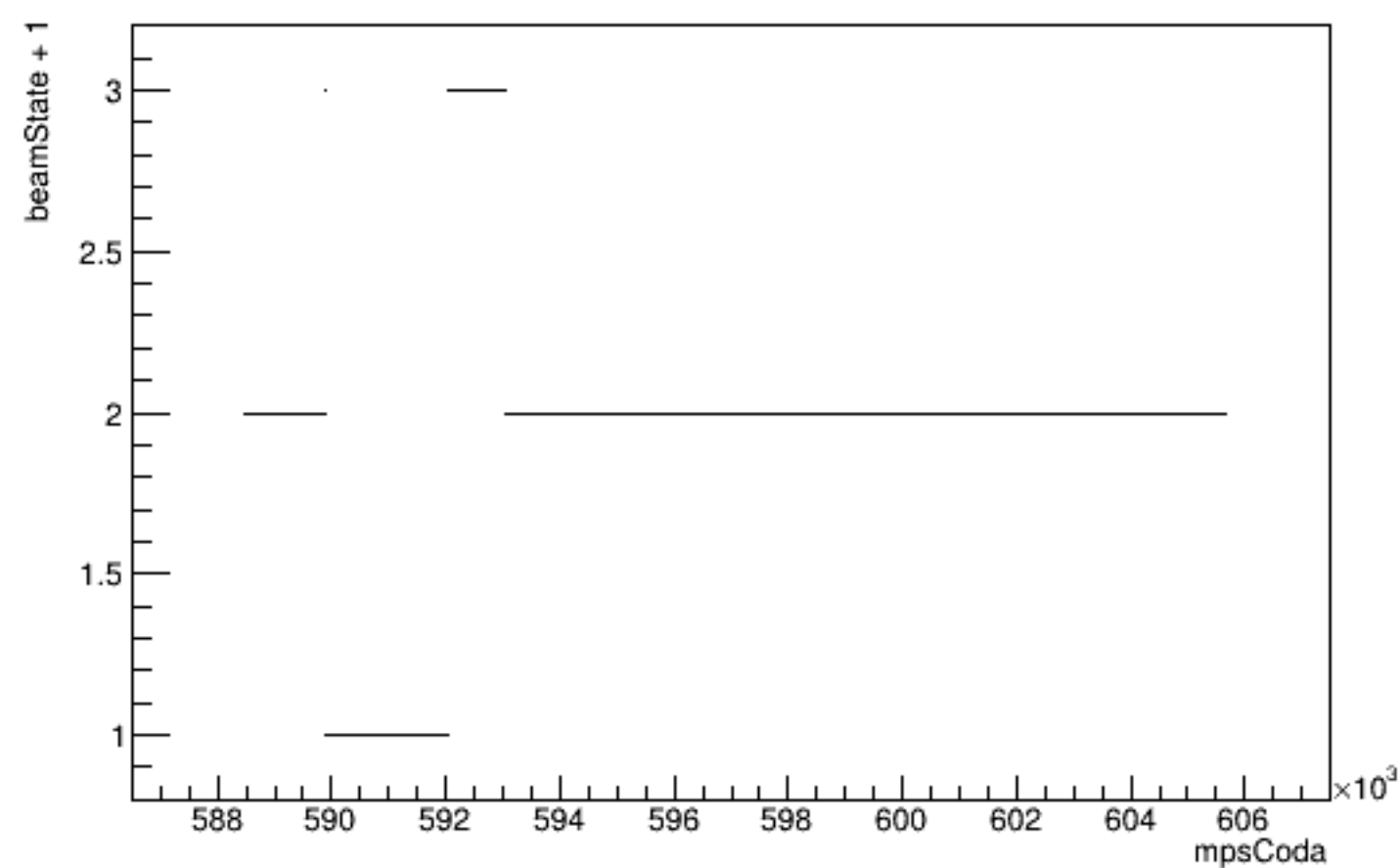
Acc0/NAcc0:mpsCoda (mpsCoda>=588492 && mpsCoda<=605651 && beamState==1)



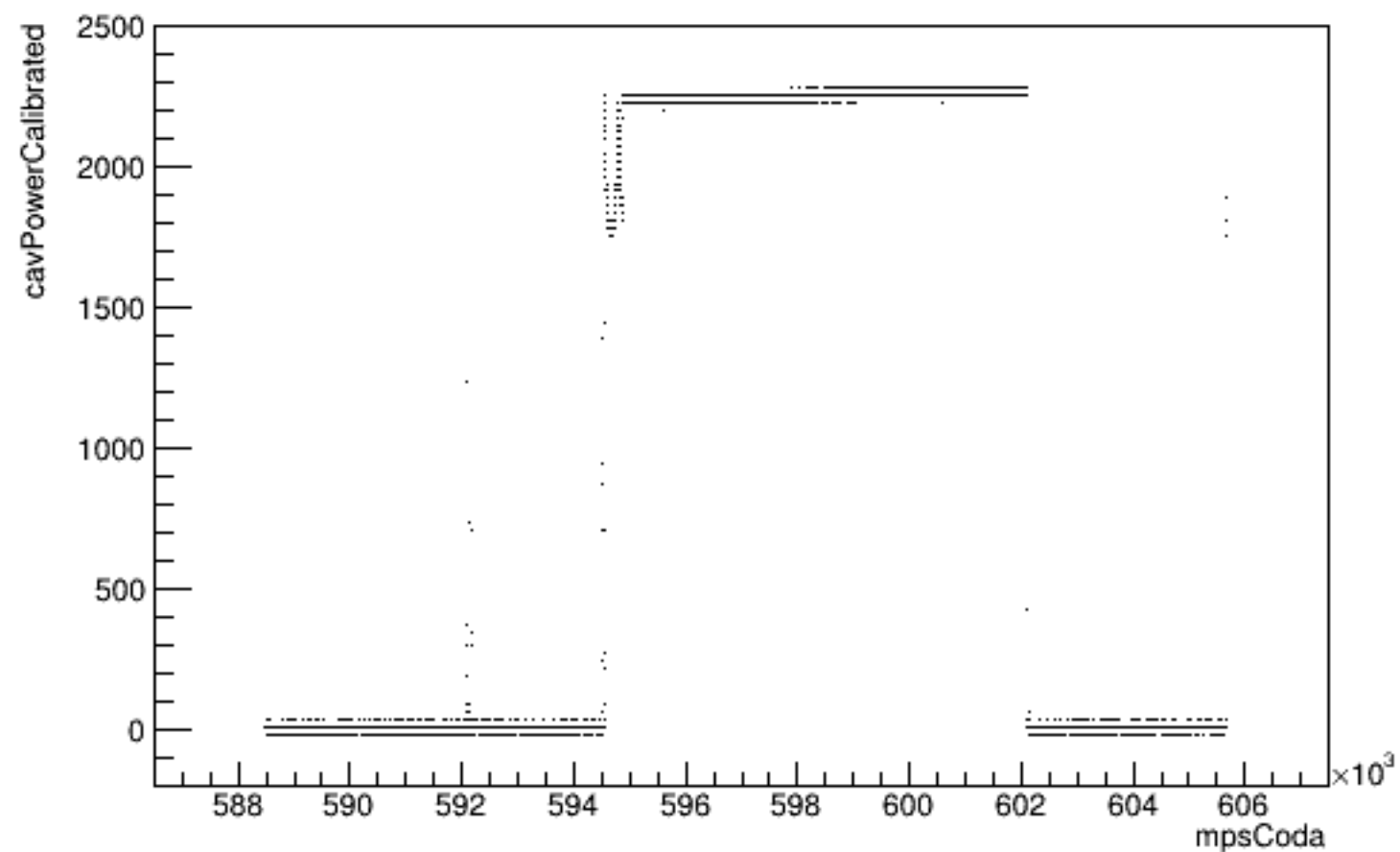
laserState:mpsCoda {mpsCoda>=588492 && mpsCoda<=605651}



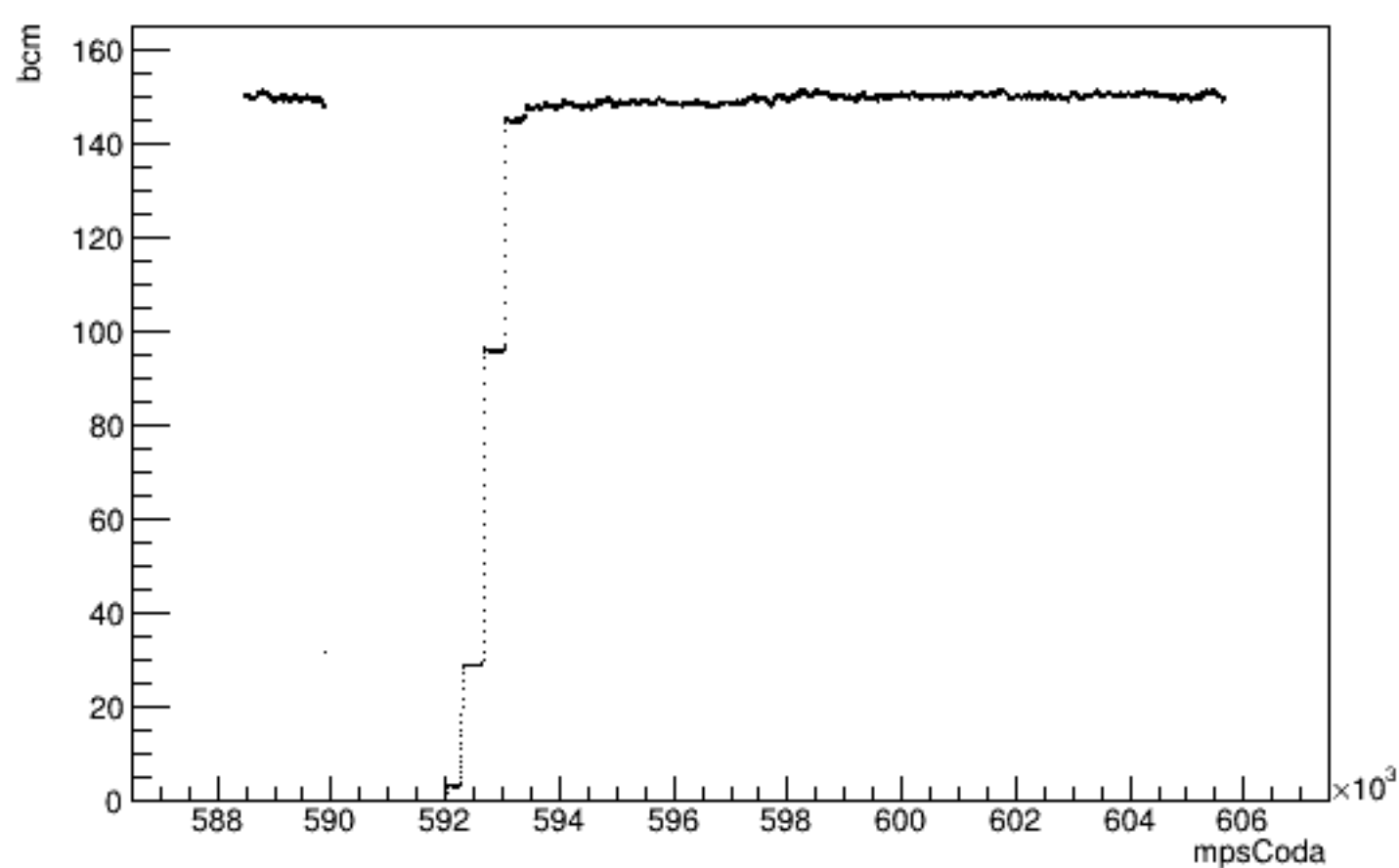
beamState + 1:mpsCoda {mpsCoda>=588492 && mpsCoda<=605651}



cavPowerCalibrated:mpsCoda {mpsCoda>=588492 && mpsCoda<=605651}



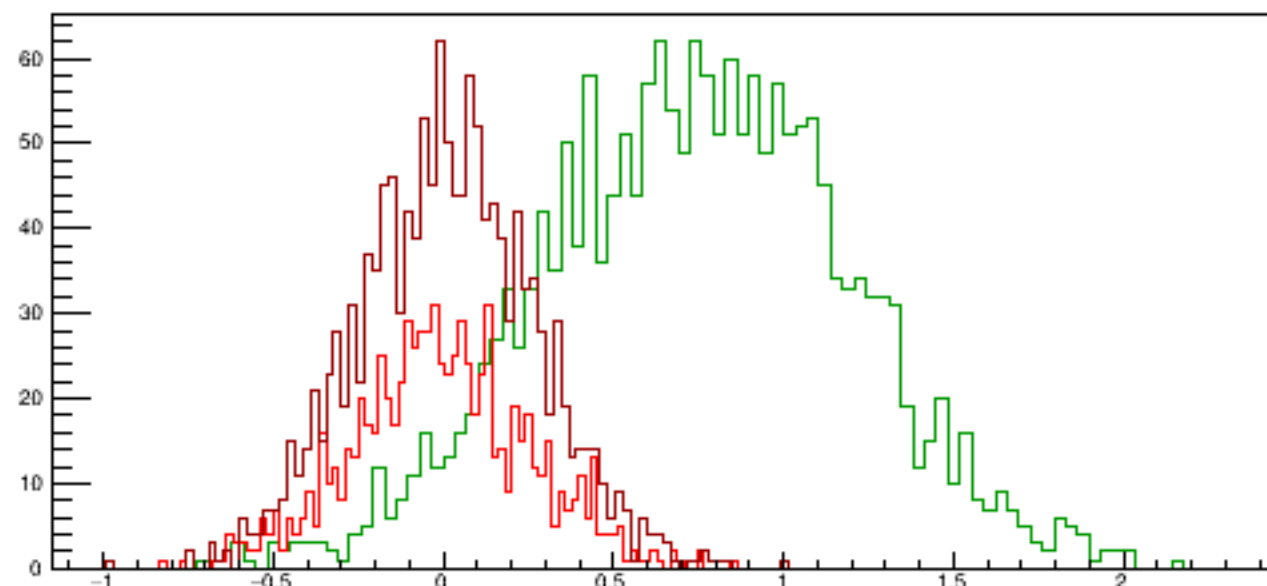
bcm:mpsCoda {mpsCoda>=588492 && mpsCoda<=605651}



Cycle 27, Diffs

Entries: 832	Entries: 1905	Entries: 1395
Mean: -0.0078 +/- 0.0091	Mean: 0.7435 +/- 0.0103	Mean: 0.0107 +/- 0.0070
Std Dev: 0.2618 +/- 0.0064	Std Dev: 0.4498 +/- 0.0073	Std Dev: 0.2607 +/- 0.0049

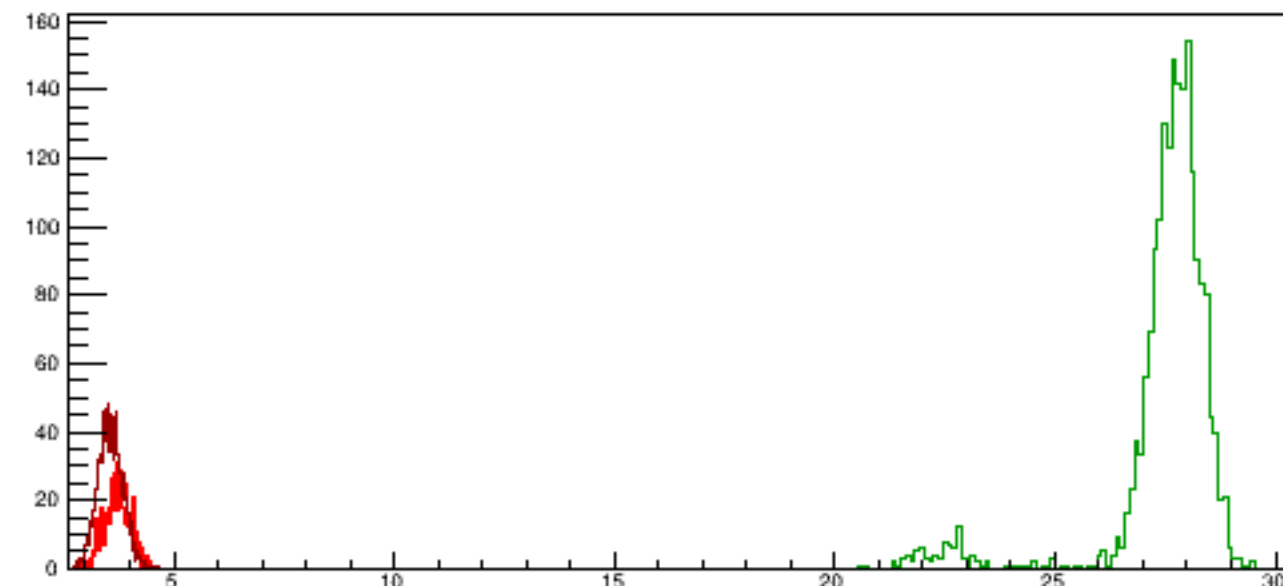
Run 5600 quartetwise, Diffs



Cycle 27, Sums

Entries: 832	Entries: 1905	Entries: 1395
Mean: 3.7331 +/- 0.0108	Mean: 27.5063 +/- 0.0285	Mean: 3.5650 +/- 0.0075
Std Dev: 0.3104 +/- 0.0076	Std Dev: 1.2459 +/- 0.0202	Std Dev: 0.2794 +/- 0.0053

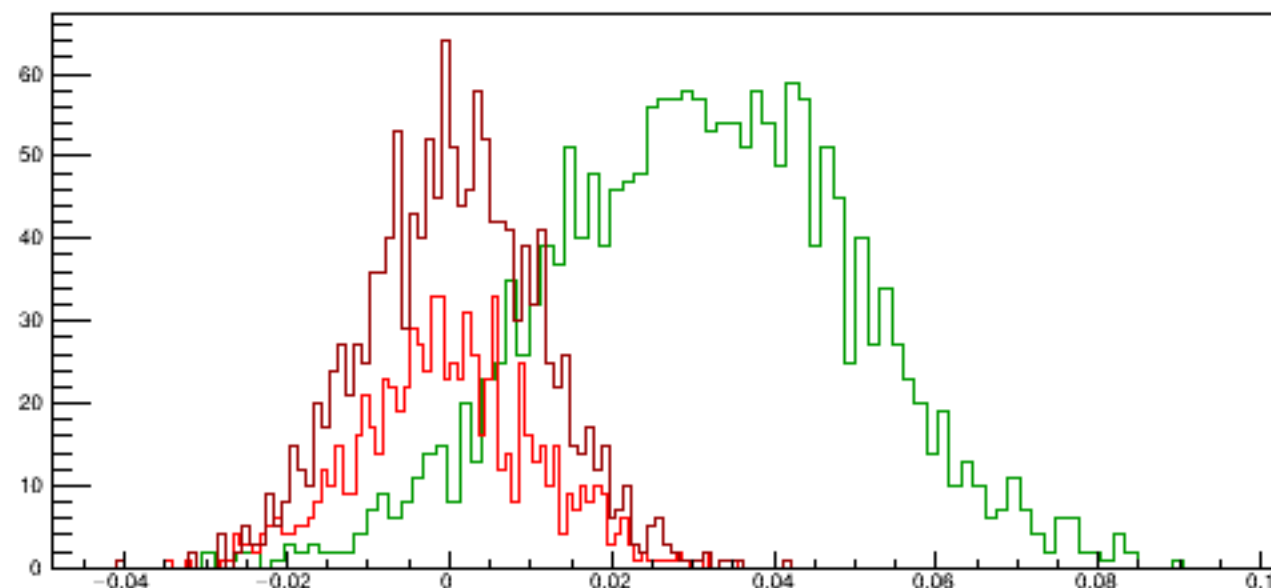
Run 5600 quartetwise, Sums



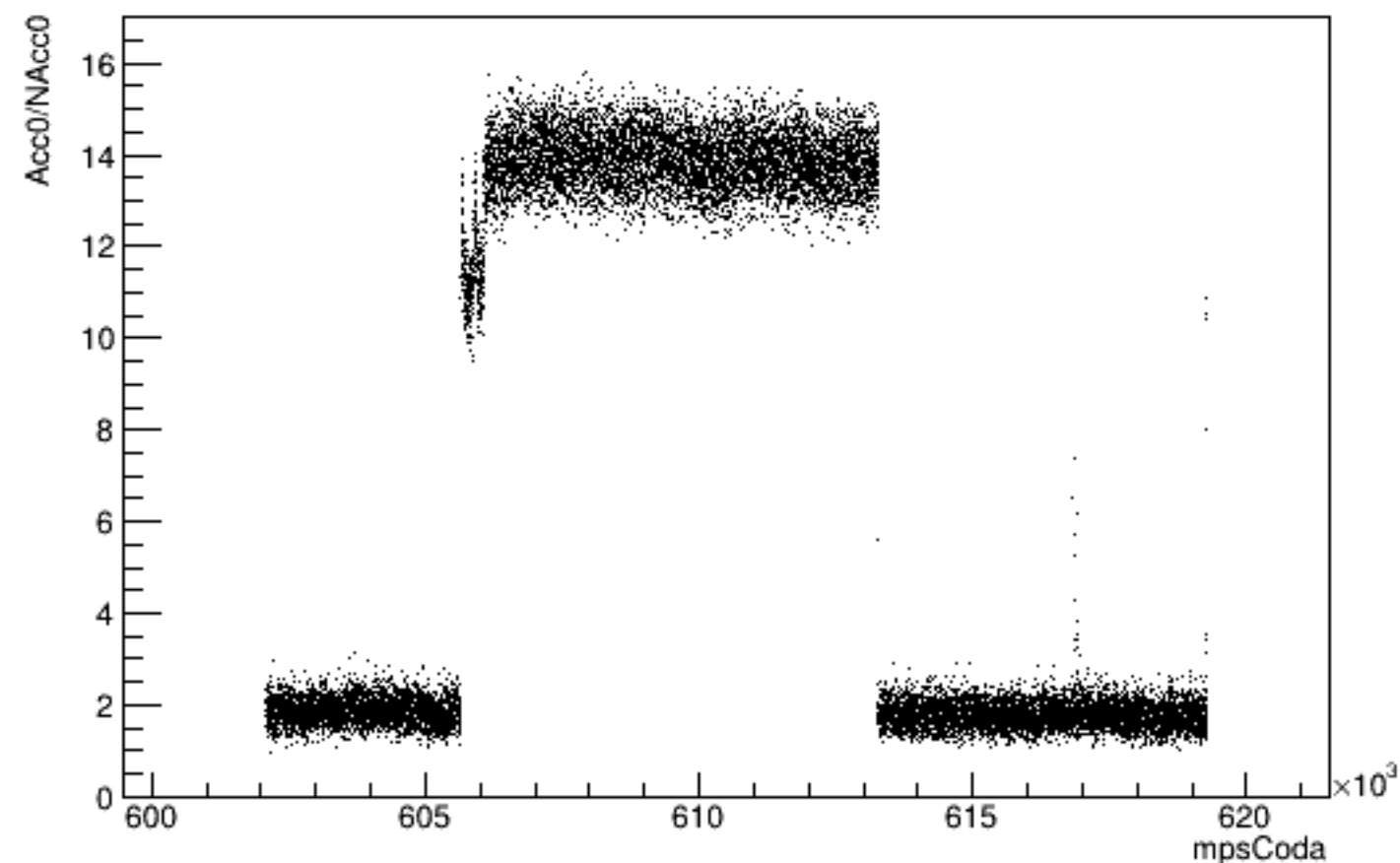
Cycle 27, Asyms

Entries: 832	Entries: 1905	Entries: 1395
Mean: -0.0003 +/- 0.0004	Mean: 0.0312 +/- 0.0004	Mean: 0.0004 +/- 0.0003
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0189 +/- 0.0003	Std Dev: 0.0109 +/- 0.0002

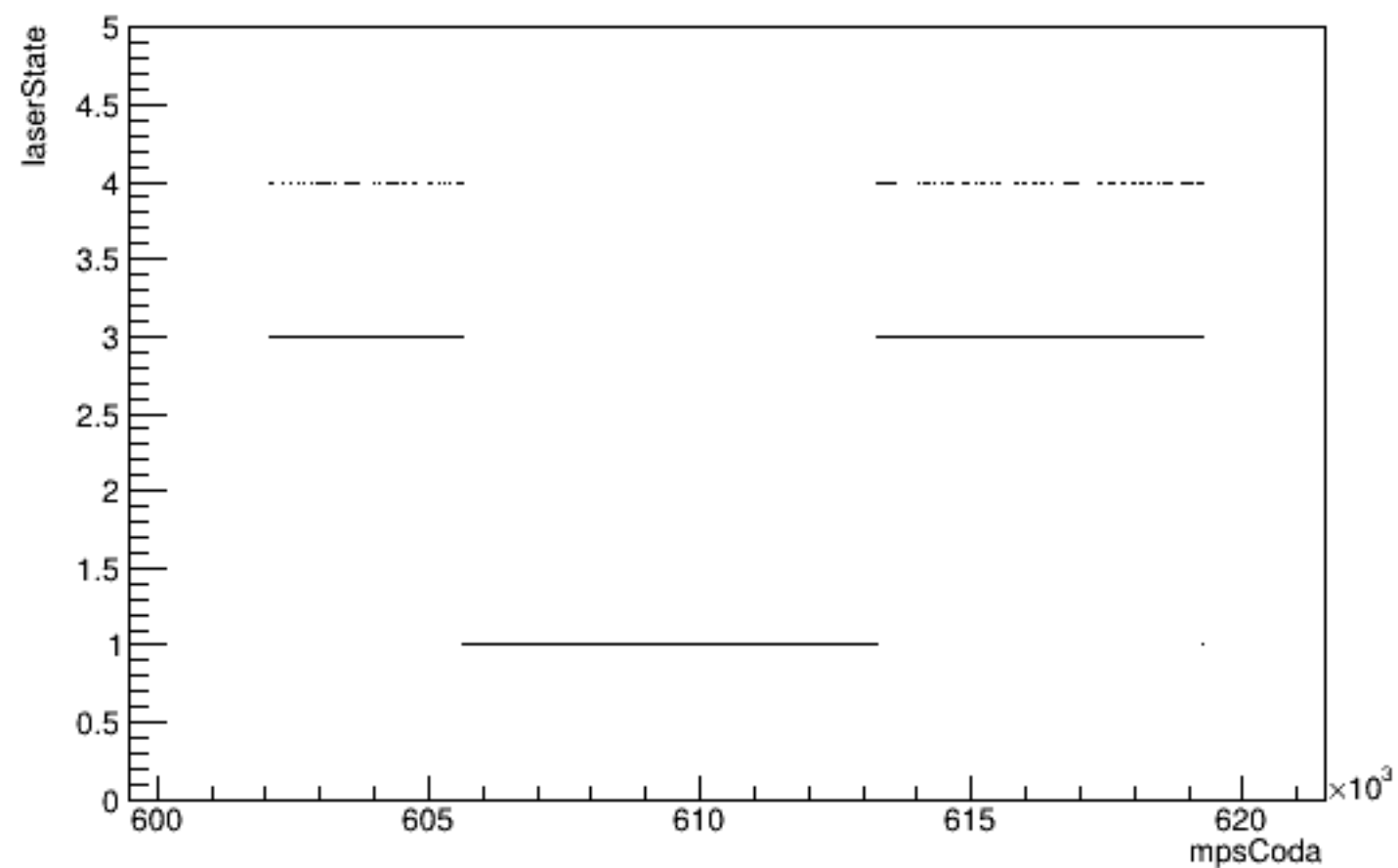
Run 5600 quartetwise, Asyms



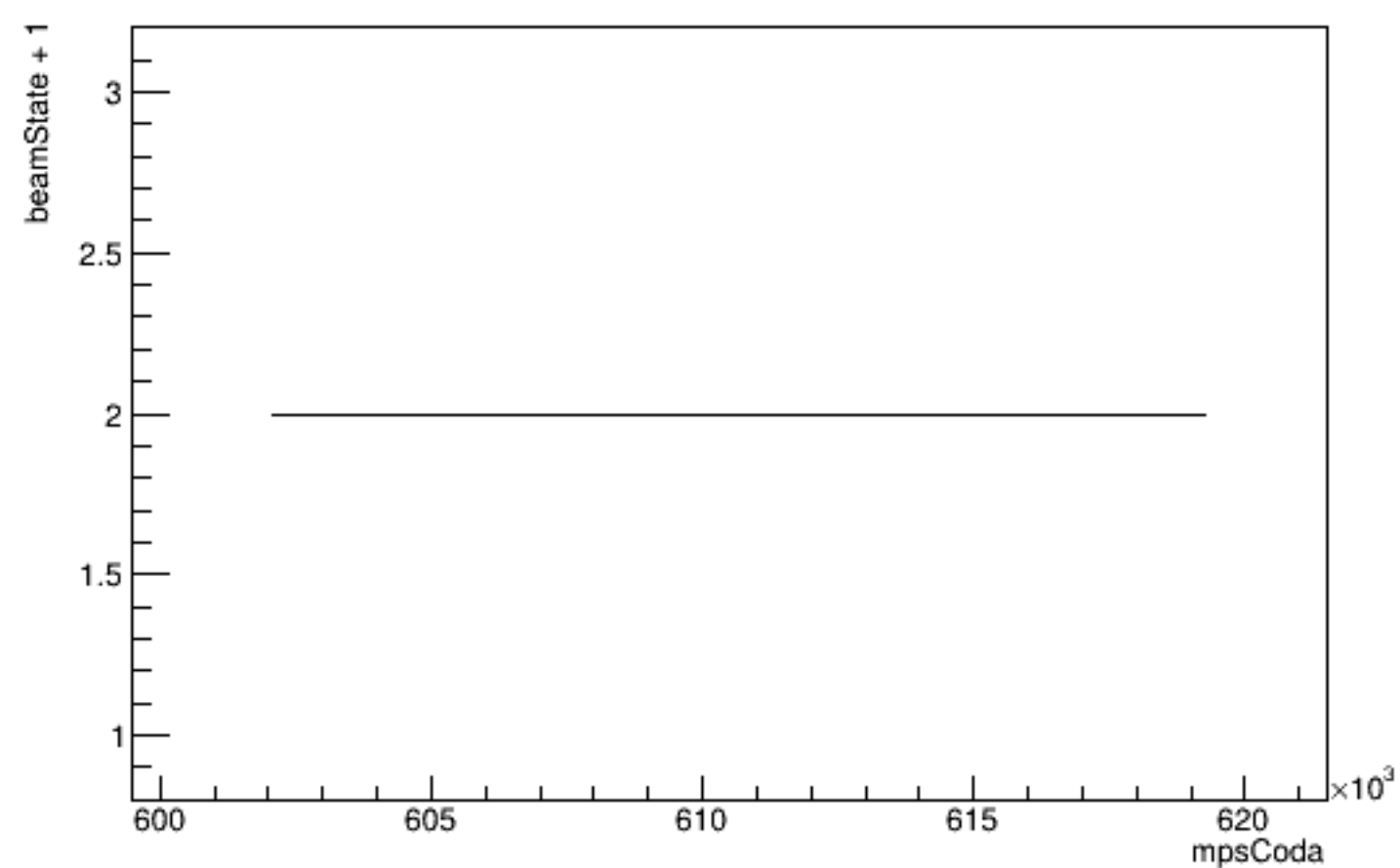
Acc0/NAcc0:mpsCoda (mpsCoda>=602092 && mpsCoda<=619283 && beamState==1)



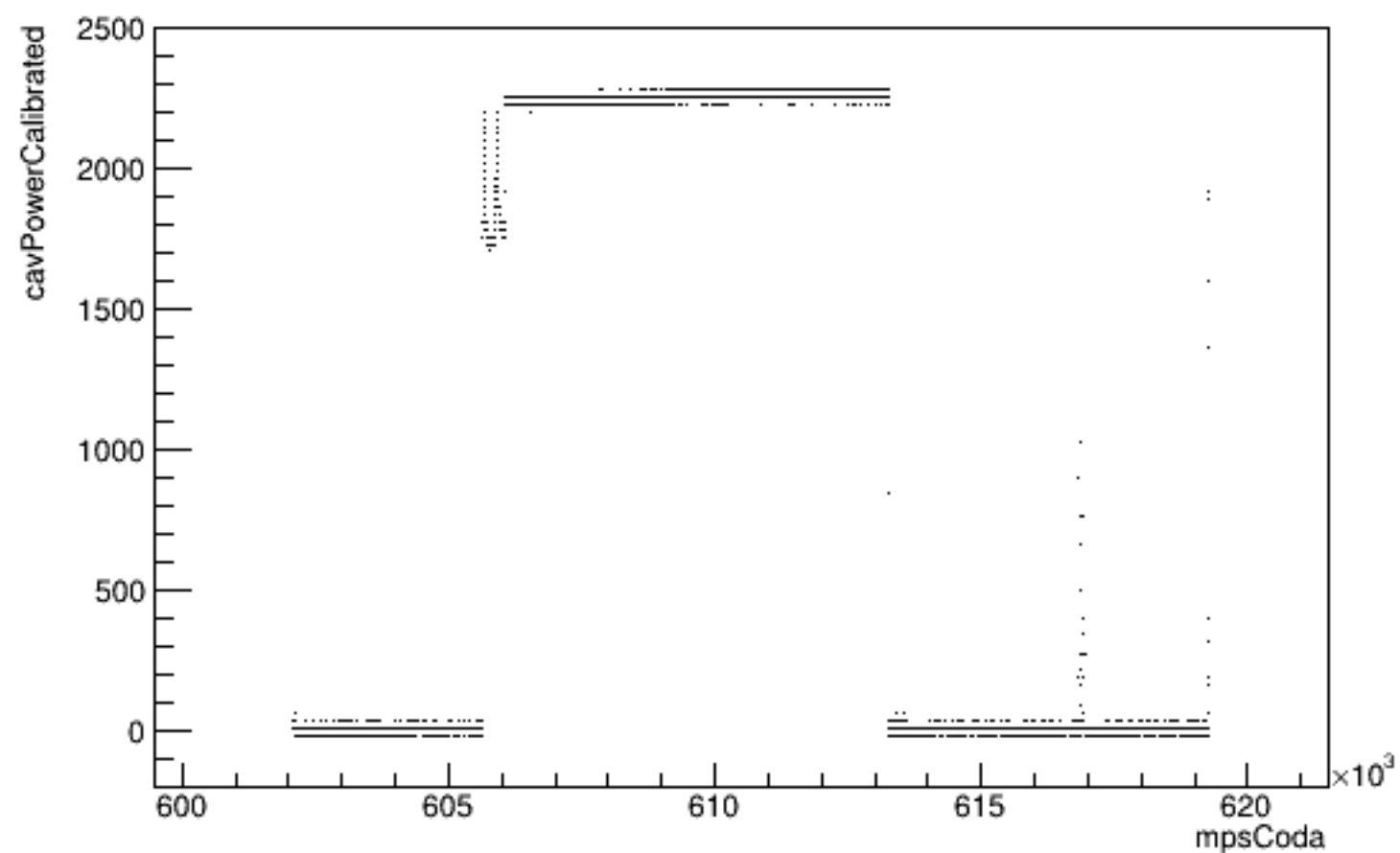
laserState:mpsCoda {mpsCoda>=602092 && mpsCoda<=619283}



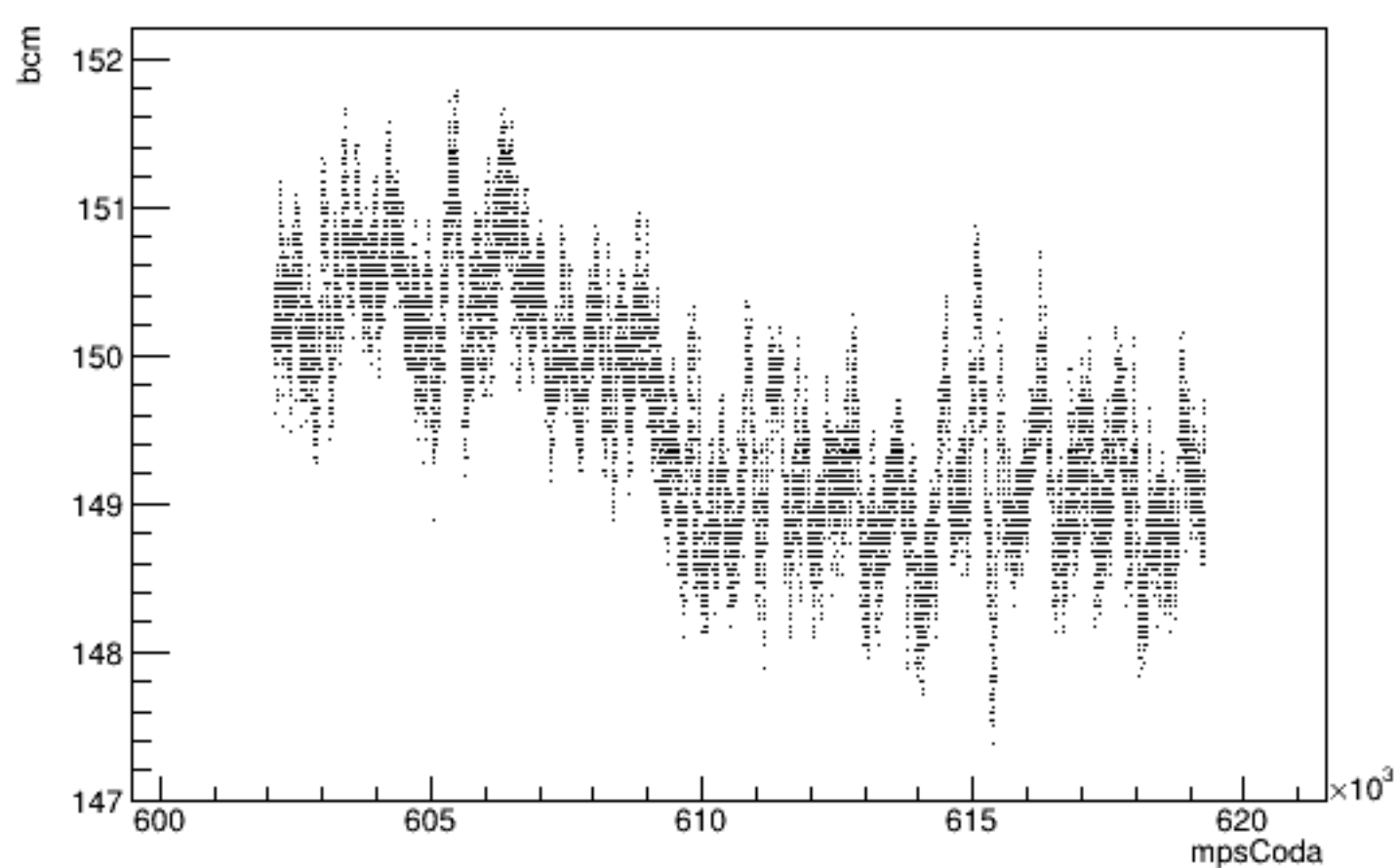
beamState + 1:mpsCoda {mpsCoda>=602092 && mpsCoda<=619283}



cavPowerCalibrated:mpsCoda {mpsCoda>=602092 && mpsCoda<=619283}



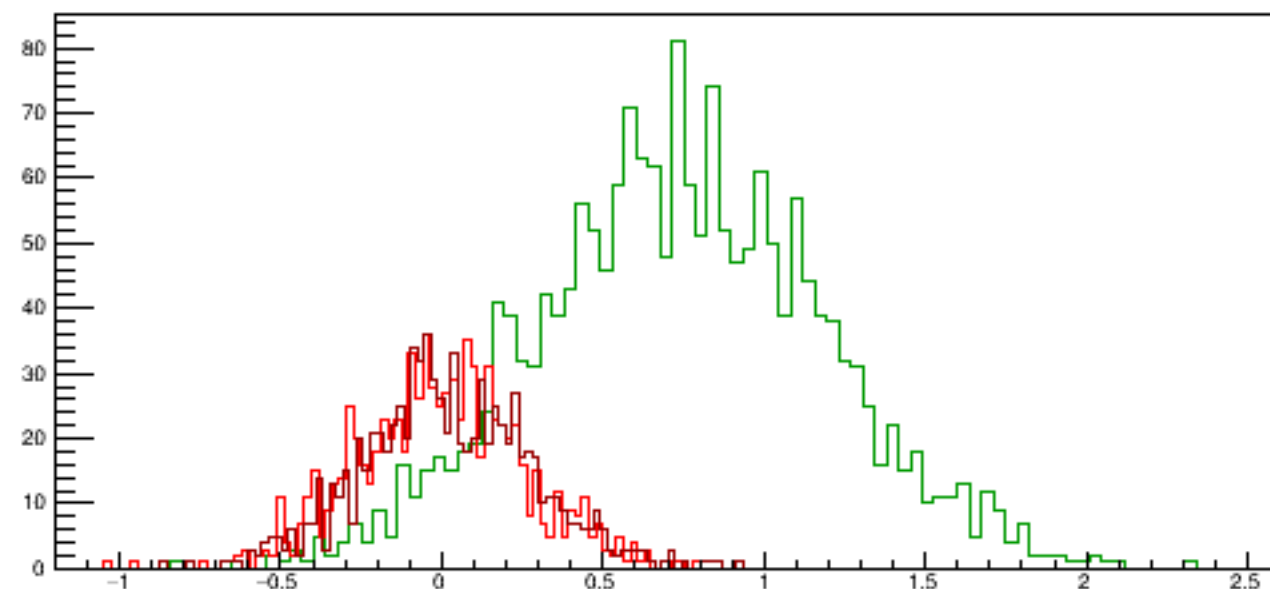
bcm:mpsCoda {mpsCoda>=602092 && mpsCoda<=619283}



Cycle 28, Diffs

Entries: 842	Entries: 1899	Entries: 844
Mean: -0.0064 +/- 0.0090	Mean: 0.7381 +/- 0.0103	Mean: 0.0158 +/- 0.0091
Std Dev: 0.2602 +/- 0.0063	Std Dev: 0.4510 +/- 0.0073	Std Dev: 0.2649 +/- 0.0064

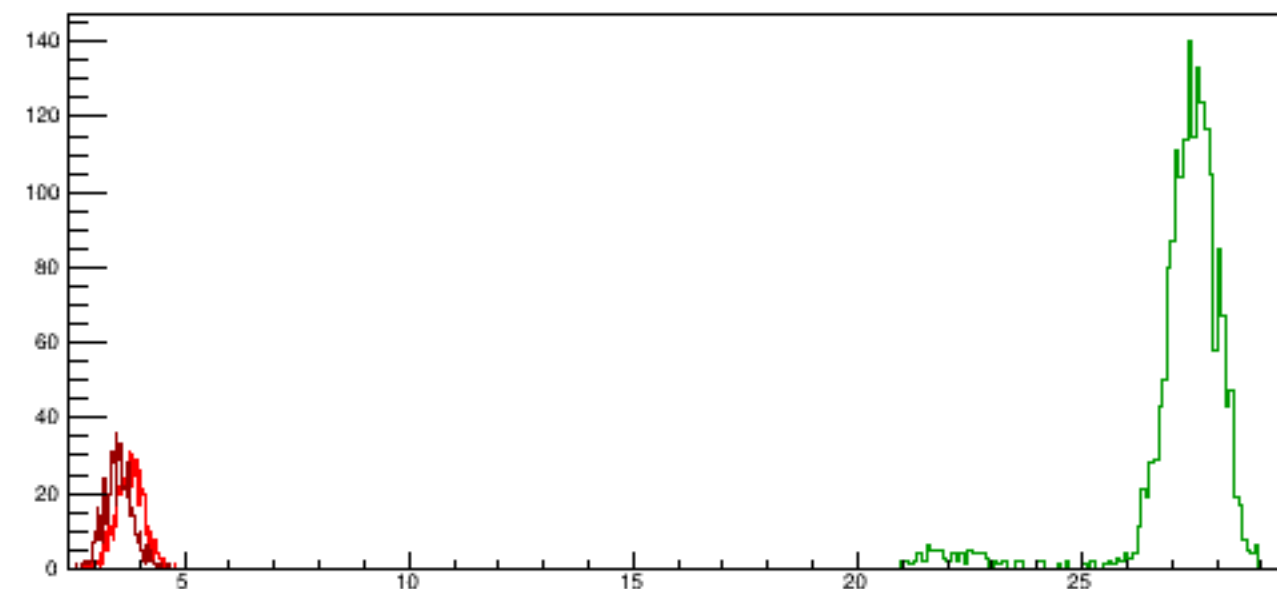
Run 5600 quartetwise, Diffs



Cycle 28, Sums

Entries: 842	Entries: 1899	Entries: 844
Mean: 3.7902 +/- 0.0103	Mean: 27.2365 +/- 0.0276	Mean: 3.5267 +/- 0.0105
Std Dev: 0.3000 +/- 0.0073	Std Dev: 1.2028 +/- 0.0195	Std Dev: 0.3044 +/- 0.0074

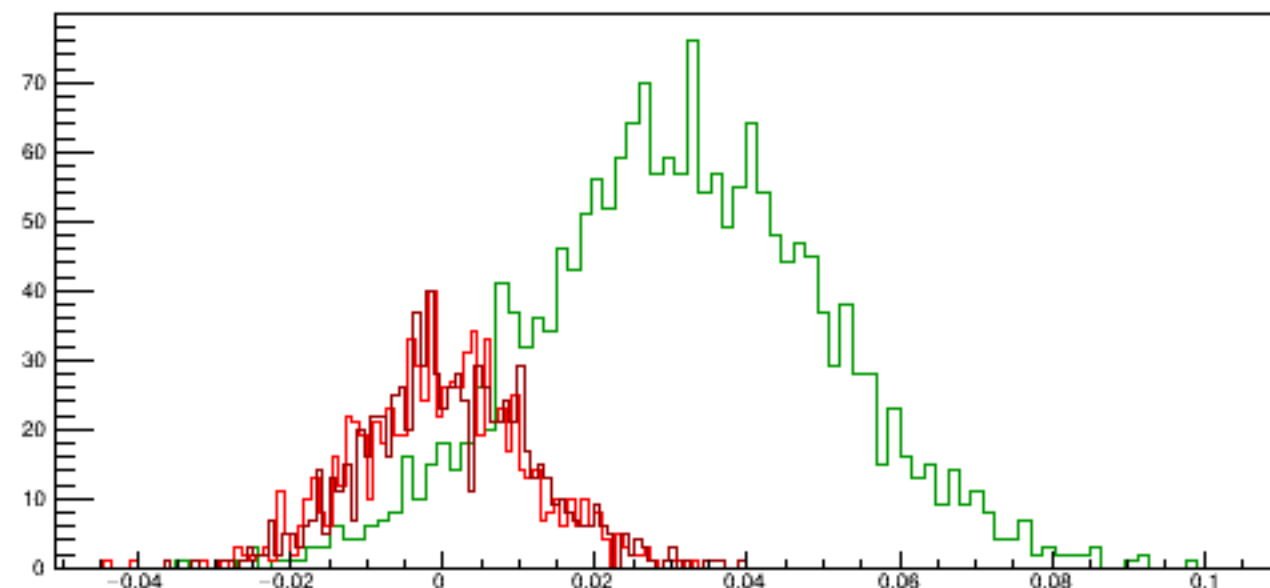
Run 5600 quartetwise, Sums



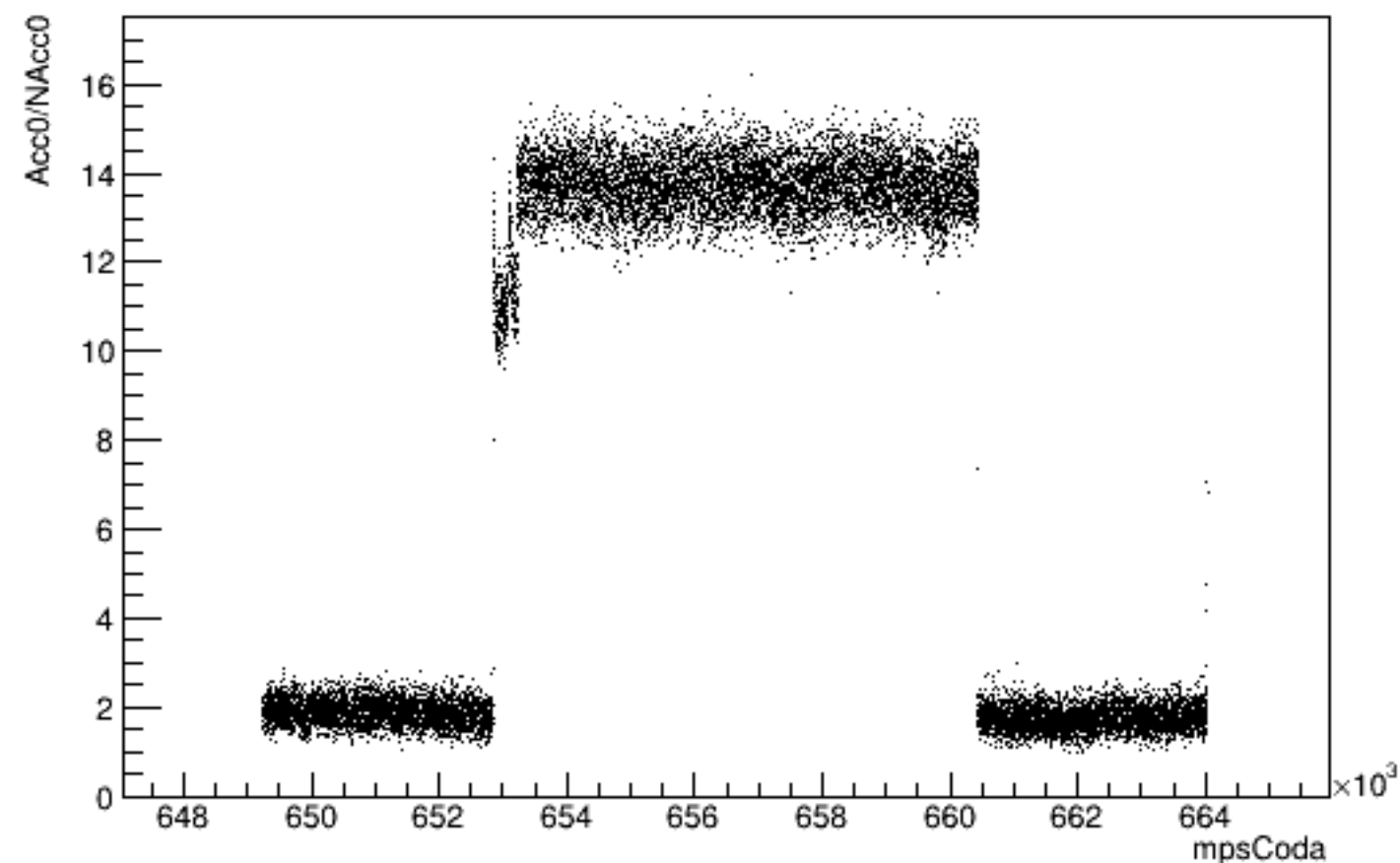
Cycle 28, Asyms

Entries: 842	Entries: 1899	Entries: 844
Mean: -0.0003 +/- 0.0004	Mean: 0.0313 +/- 0.0004	Mean: 0.0007 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0112 +/- 0.0003

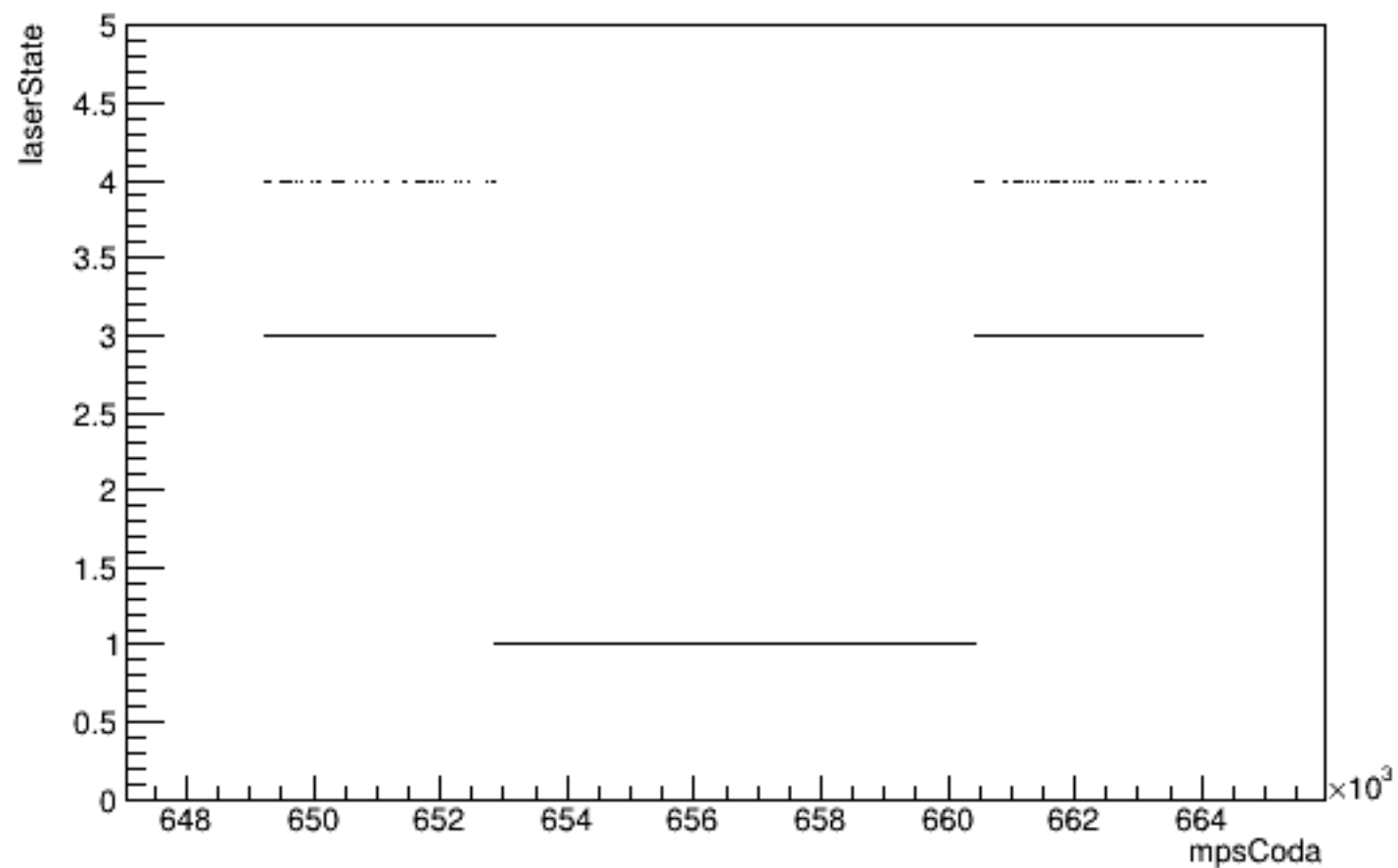
Run 5600 quartetwise, Asyms



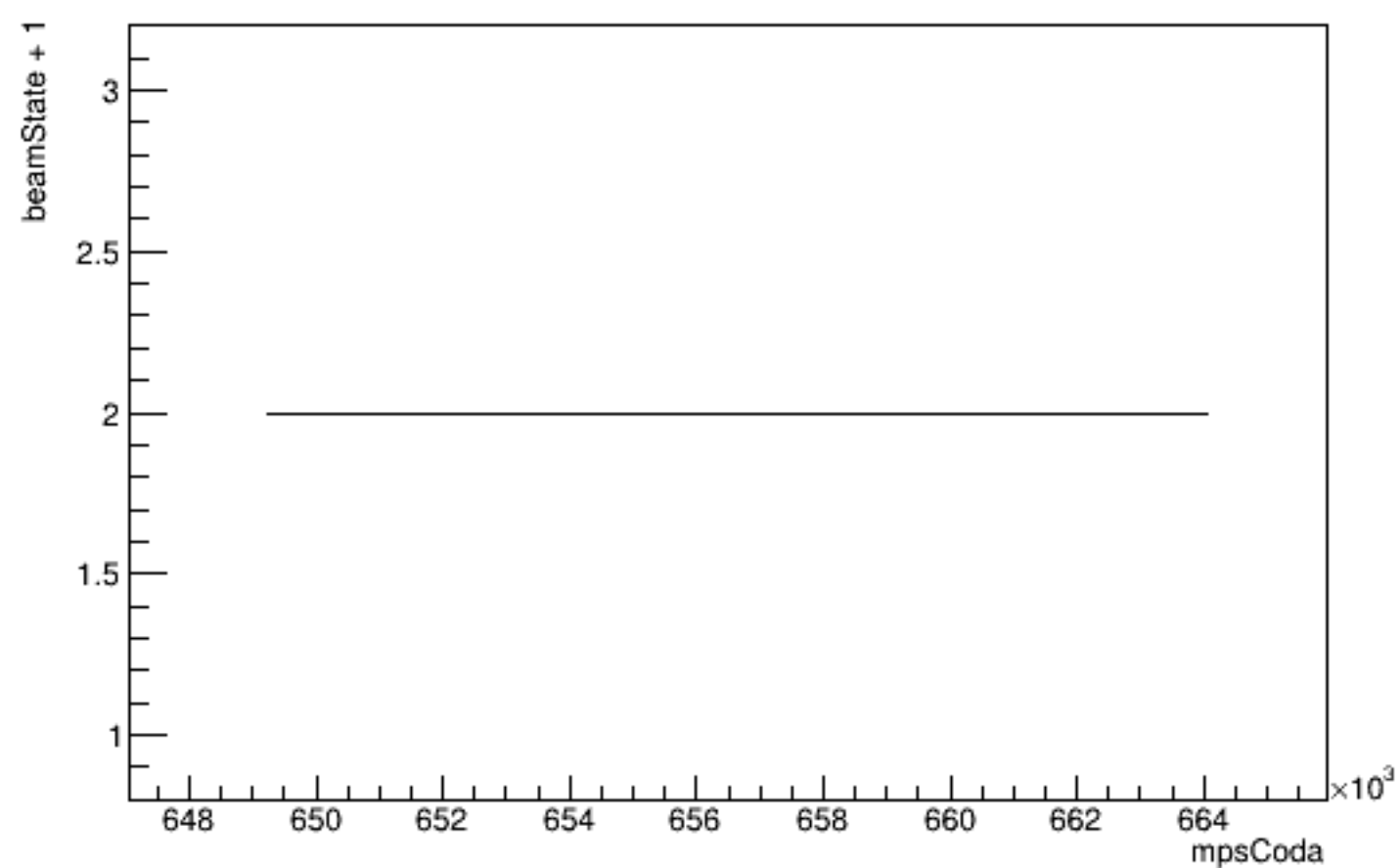
Acc0/NAcc0:mpsCoda (mpsCoda>=649248 && mpsCoda<=664031 && beamState==1)



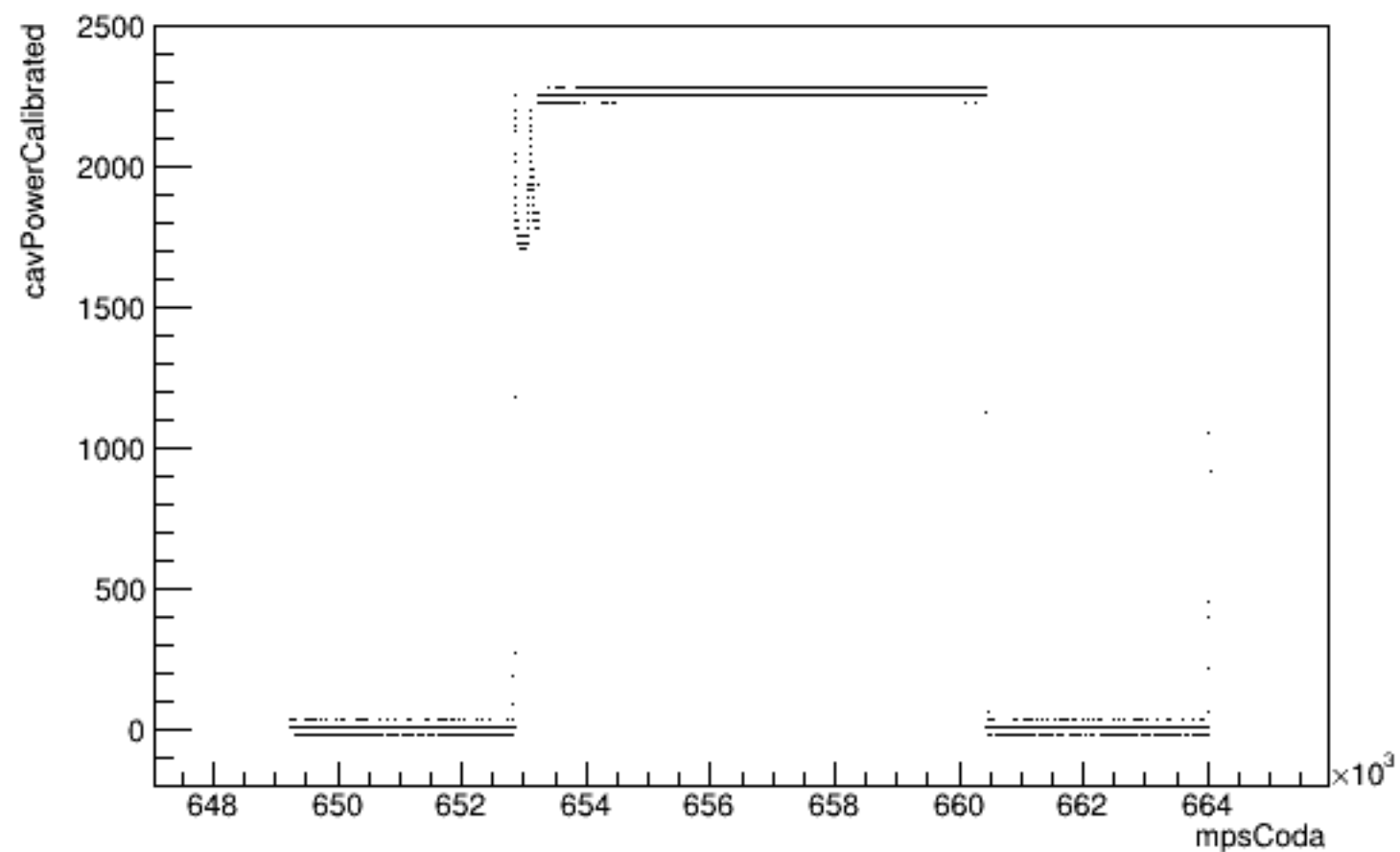
laserState:mpsCoda {mpsCoda>=649248 && mpsCoda<=664031}



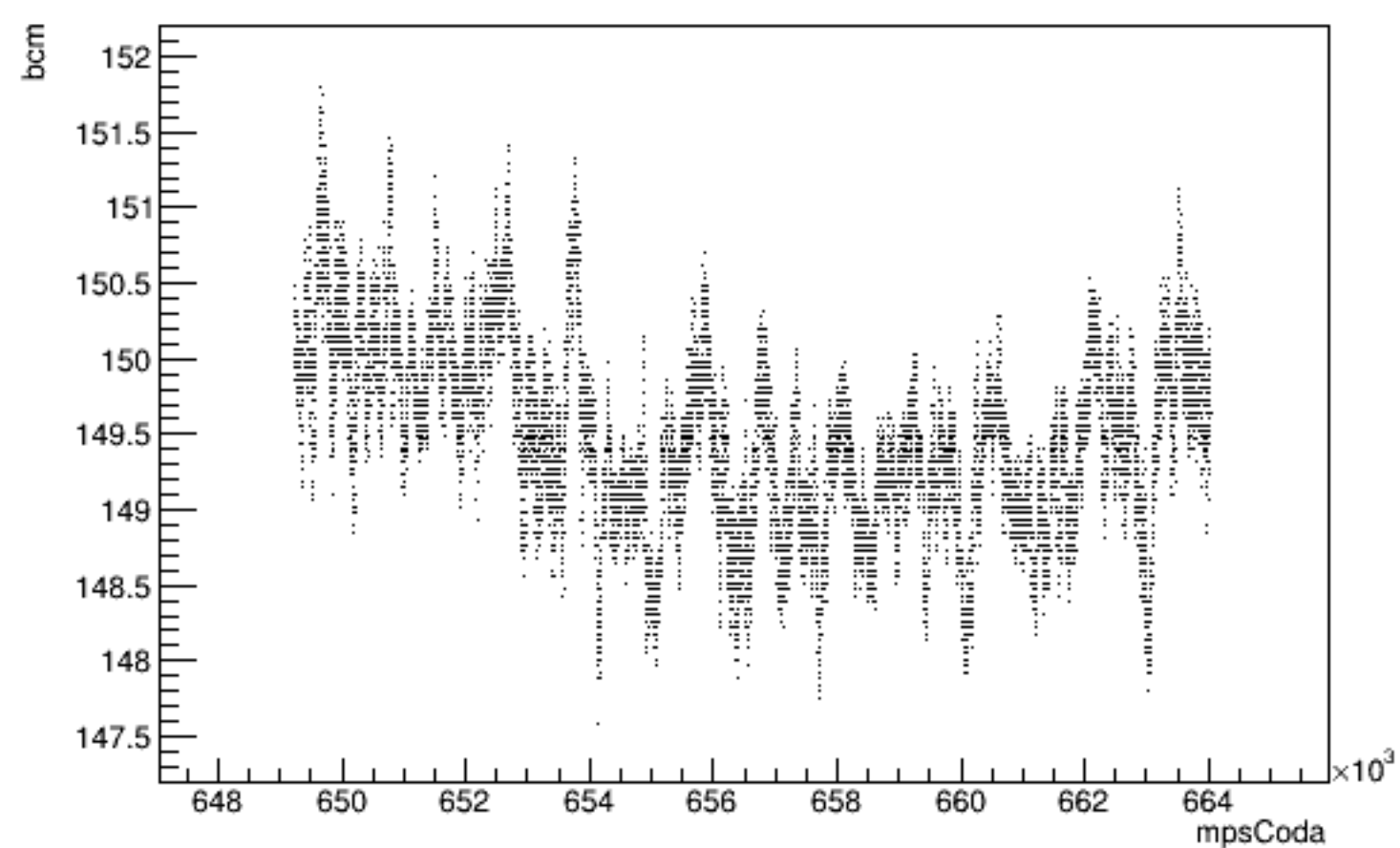
beamState + 1:mpsCoda {mpsCoda>=649248 && mpsCoda<=664031}



cavPowerCalibrated:mpsCoda {mpsCoda>=649248 && mpsCoda<=664031}



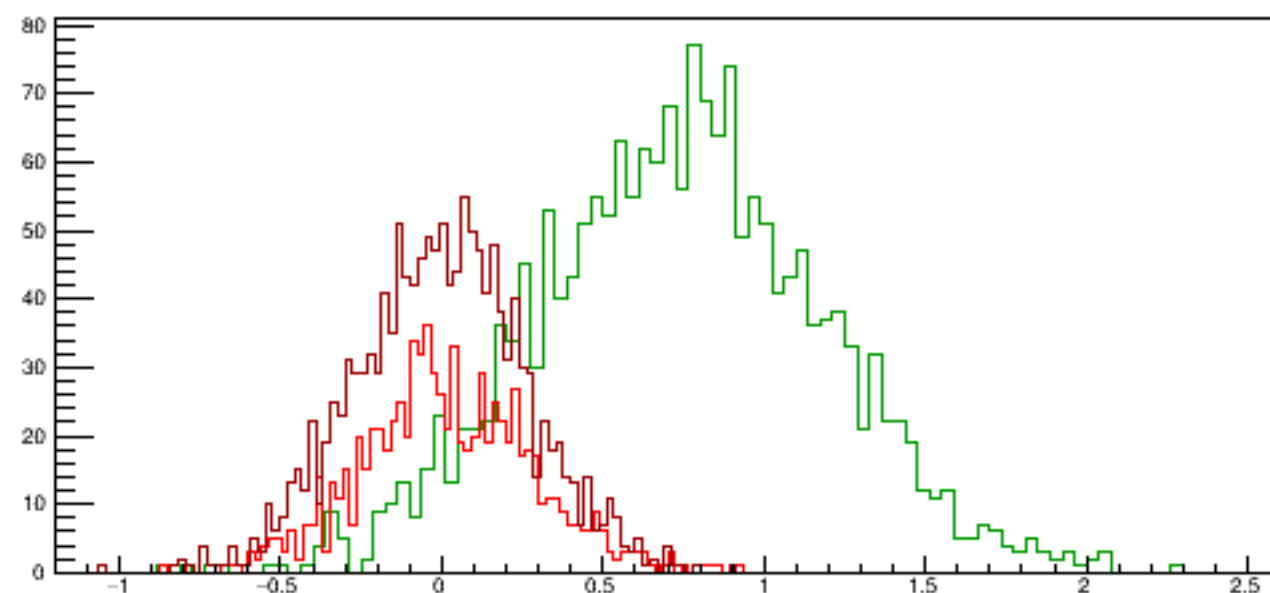
bcm:mpsCoda {mpsCoda>=649248 && mpsCoda<=664031}



Cycle 29, Diffs

Entries: 844	Entries: 1900	Entries: 1415
Mean: 0.0158 +/- 0.0091	Mean: 0.7329 +/- 0.0102	Mean: -0.0058 +/- 0.0070
Std Dev: 0.2649 +/- 0.0064	Std Dev: 0.4452 +/- 0.0072	Std Dev: 0.2648 +/- 0.0050

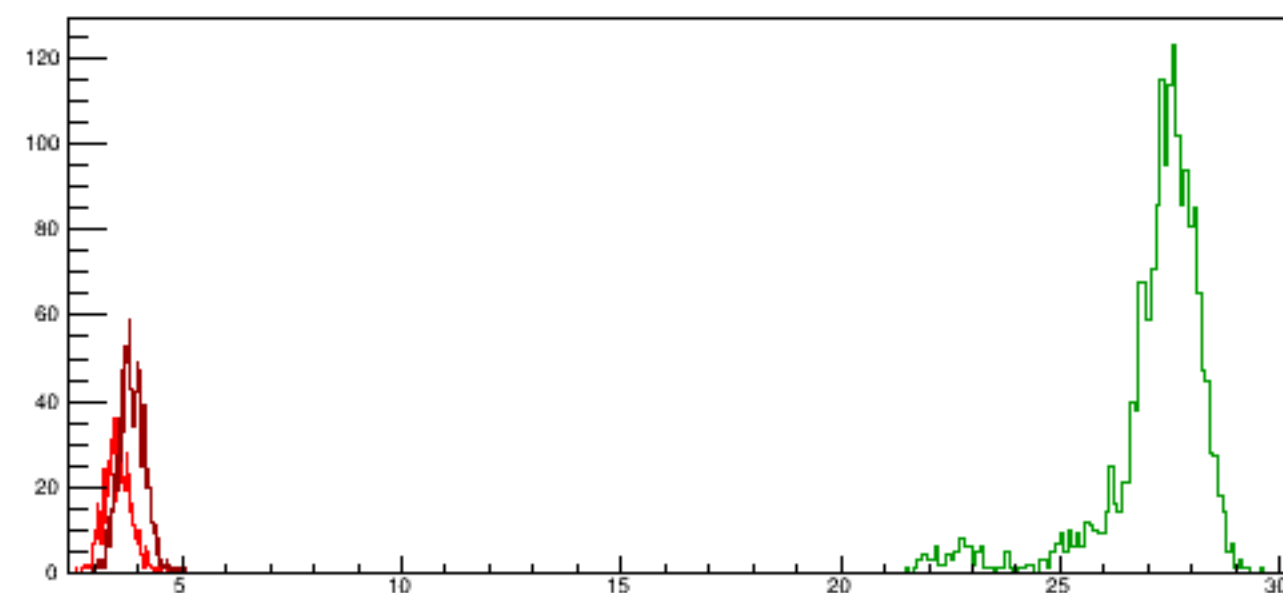
Run 5600 quartetwise, Diffs



Cycle 29, Sums

Entries: 844	Entries: 1900	Entries: 1415
Mean: 3.5267 +/- 0.0105	Mean: 27.1743 +/- 0.0281	Mean: 3.8572 +/- 0.0076
Std Dev: 0.3044 +/- 0.0074	Std Dev: 1.2236 +/- 0.0198	Std Dev: 0.2868 +/- 0.0054

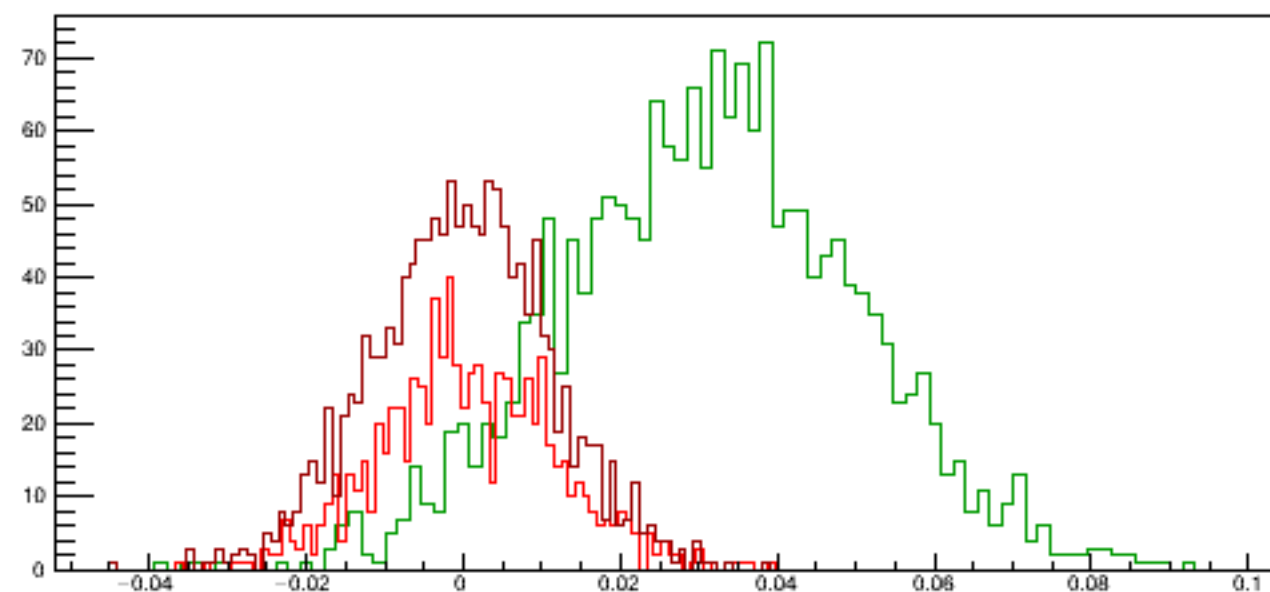
Run 5600 quartetwise, Sums



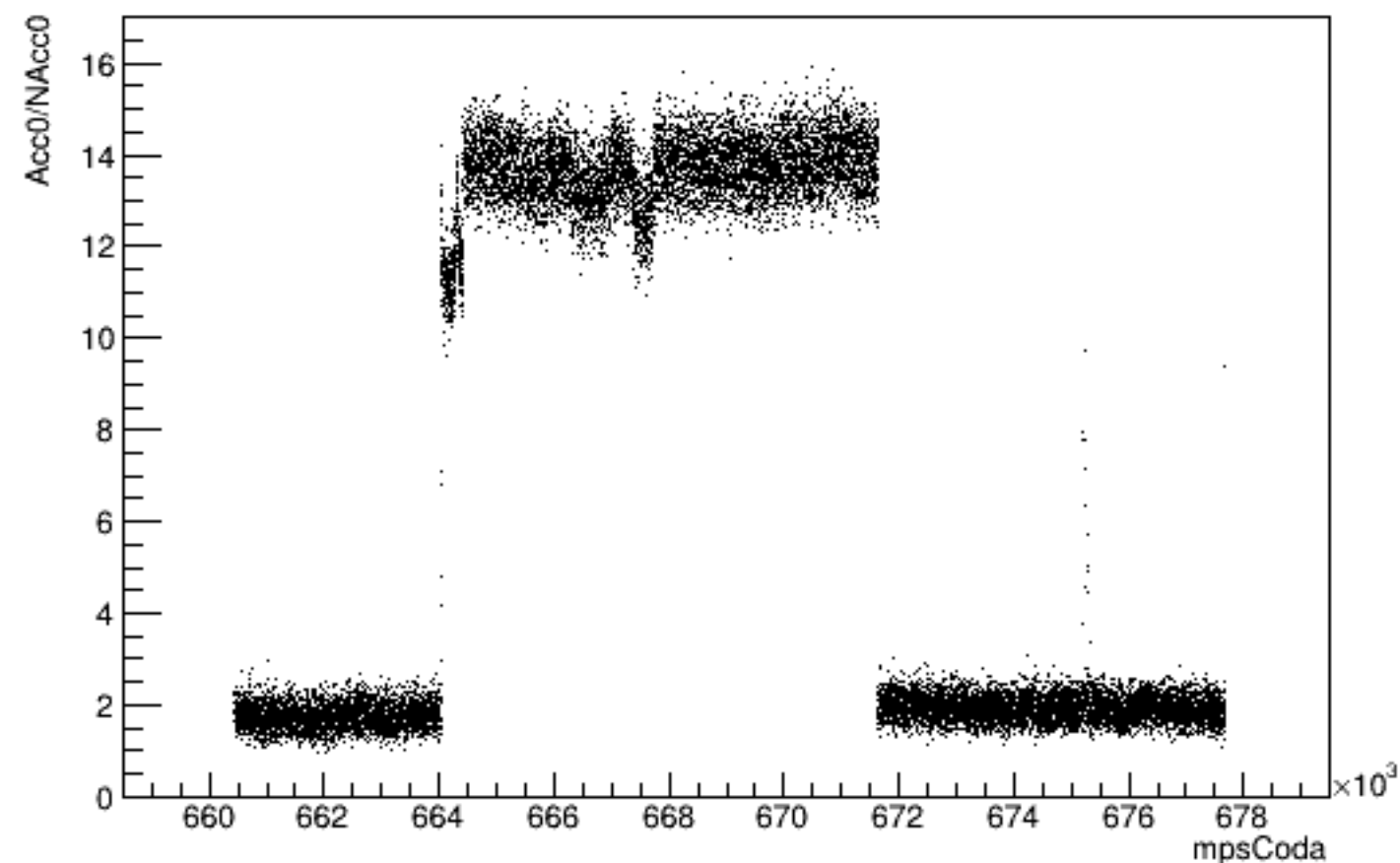
Cycle 29, Asyms

Entries: 844	Entries: 1900	Entries: 1415
Mean: 0.0007 +/- 0.0004	Mean: 0.0312 +/- 0.0004	Mean: -0.0002 +/- 0.0003
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0113 +/- 0.0002

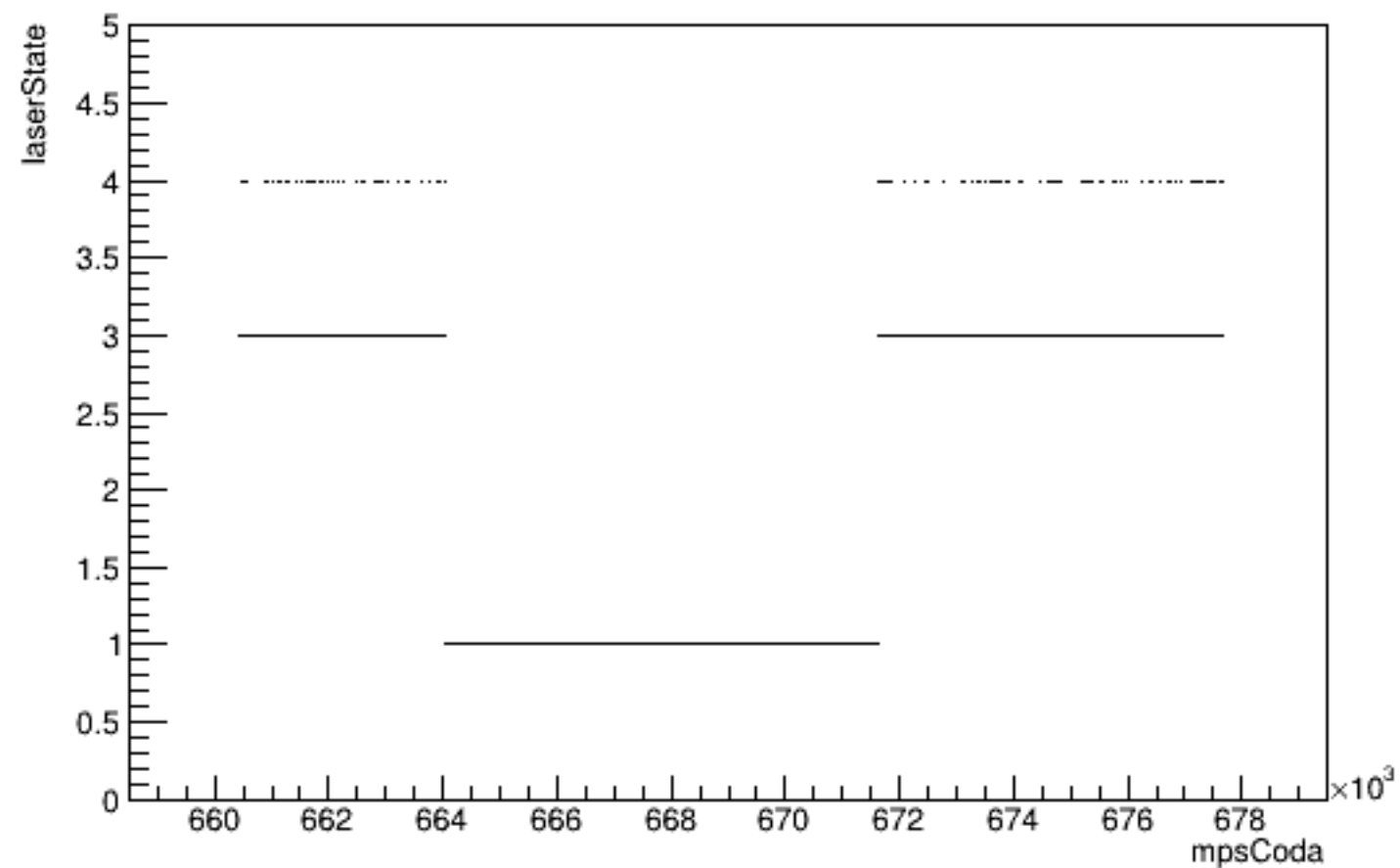
Run 5600 quartetwise, Asyms



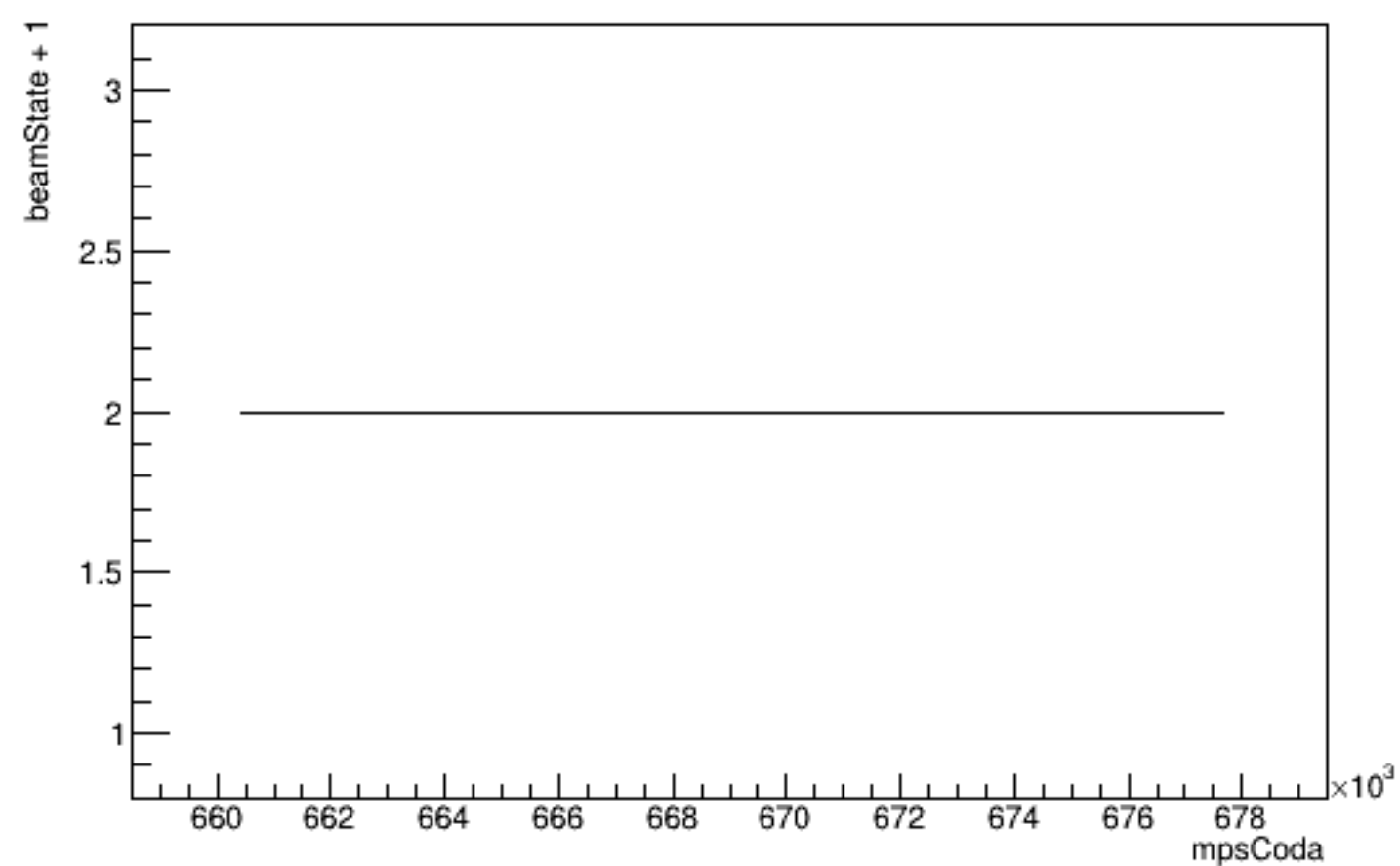
Acc0/NAcc0:mpsCoda (mpsCoda>=660444 && mpsCoda<=677687 && beamState==1)



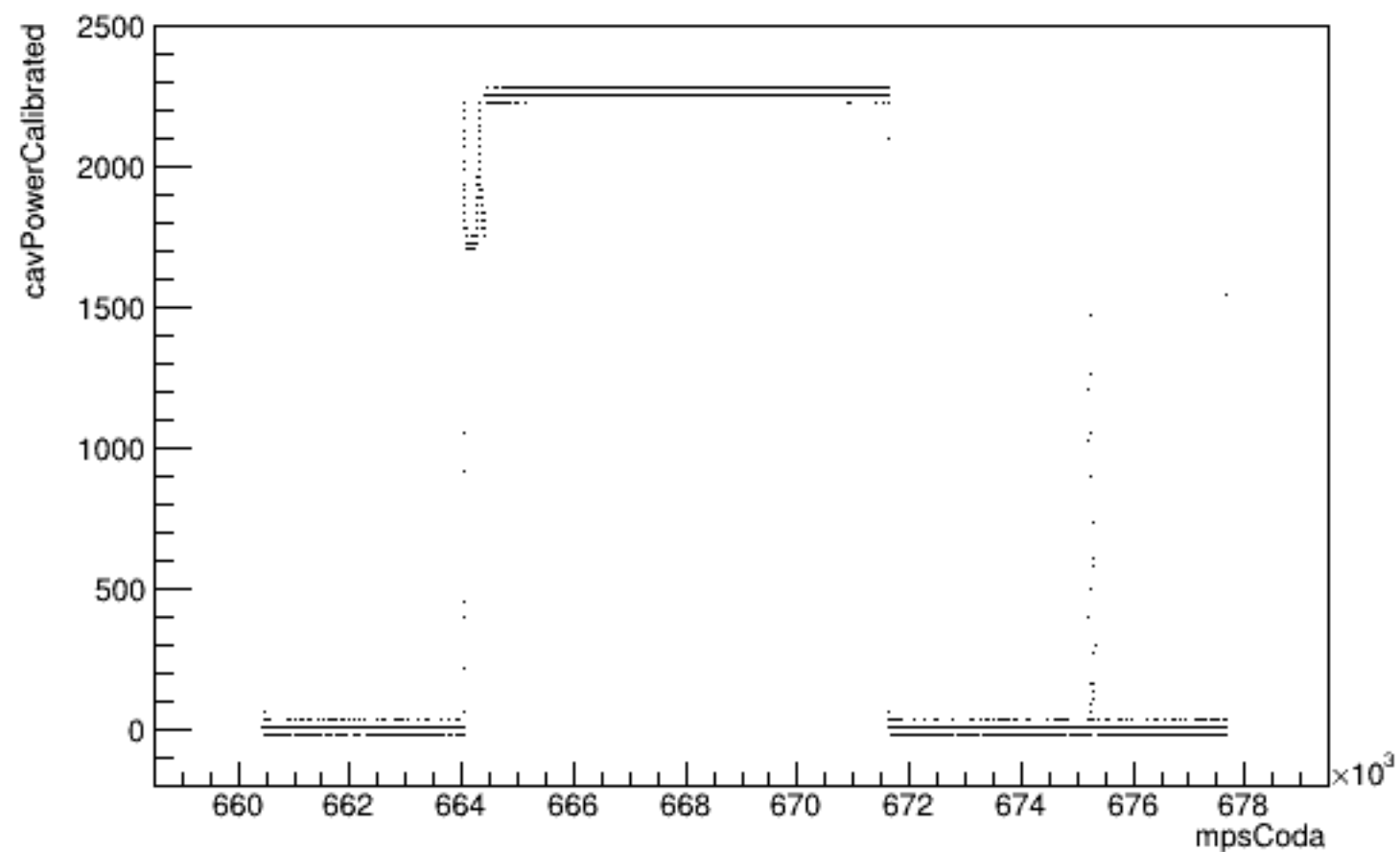
laserState:mpsCoda {mpsCoda>=660444 && mpsCoda<=677687}



beamState + 1:mpsCoda {mpsCoda>=660444 && mpsCoda<=677687}



cavPowerCalibrated:mpsCoda {mpsCoda>=660444 && mpsCoda<=677687}



bcm:mpsCoda {mpsCoda>=660444 && mpsCoda<=677687}

