

Cycle 1, Diffs

Entries: 462

Mean: 0.0022 +/- 0.0124

Std Dev: 0.2667 +/- 0.0088

Entries: 1916

Mean: -0.7305 +/- 0.0103

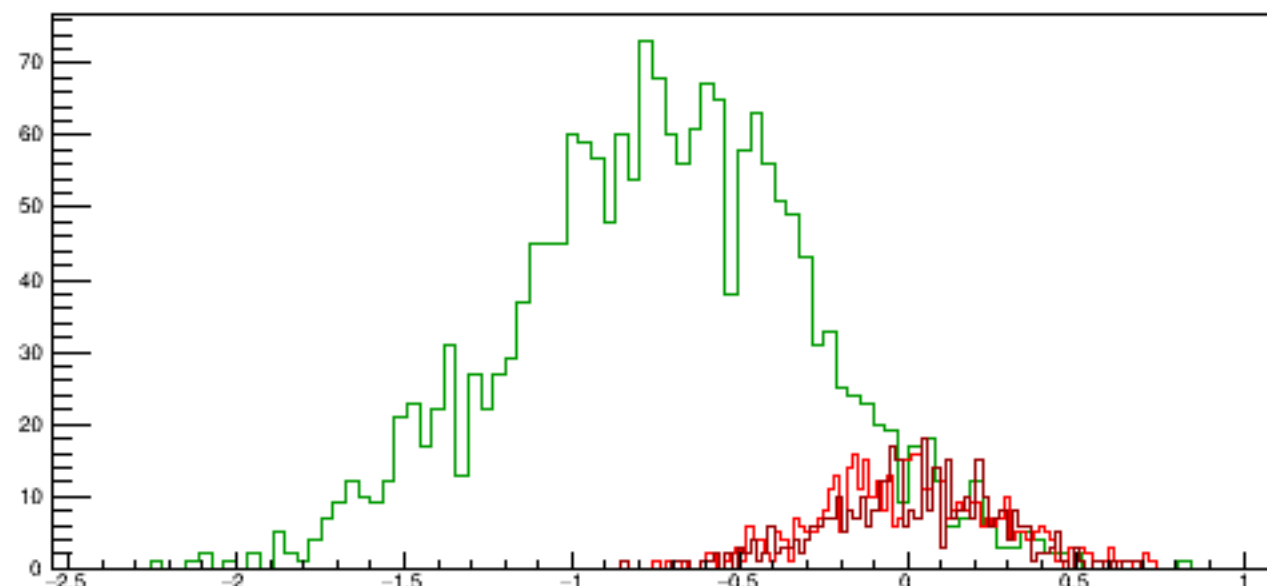
Std Dev: 0.4500 +/- 0.0073

Entries: 387

Mean: 0.0086 +/- 0.0131

Std Dev: 0.2568 +/- 0.0092

Run 5777 quartetwise, Diffs



Cycle 1, Sums

Entries: 462

Mean: 3.0131 +/- 0.0139

Std Dev: 0.2978 +/- 0.0098

Entries: 1916

Mean: 26.8490 +/- 0.0295

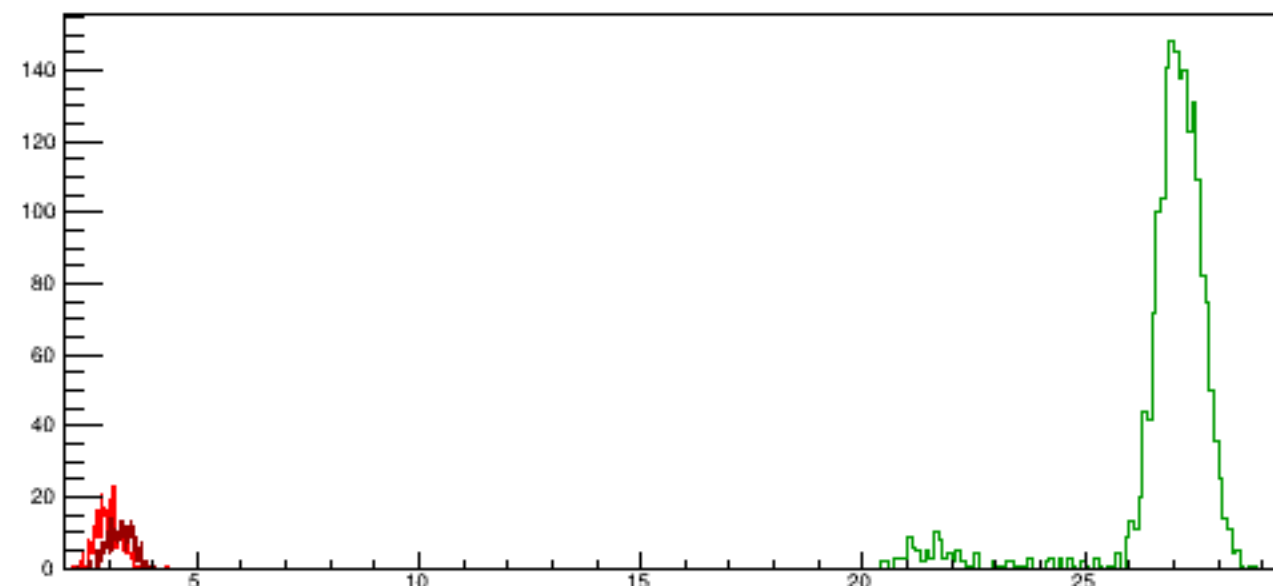
Std Dev: 1.2898 +/- 0.0208

Entries: 387

Mean: 3.2864 +/- 0.0144

Std Dev: 0.2831 +/- 0.0102

Run 5777 quartetwise, Sums



Cycle 1, Asyms

Entries: 462

Mean: 0.0001 +/- 0.0005

Std Dev: 0.0113 +/- 0.0004

Entries: 1916

Mean: -0.0308 +/- 0.0004

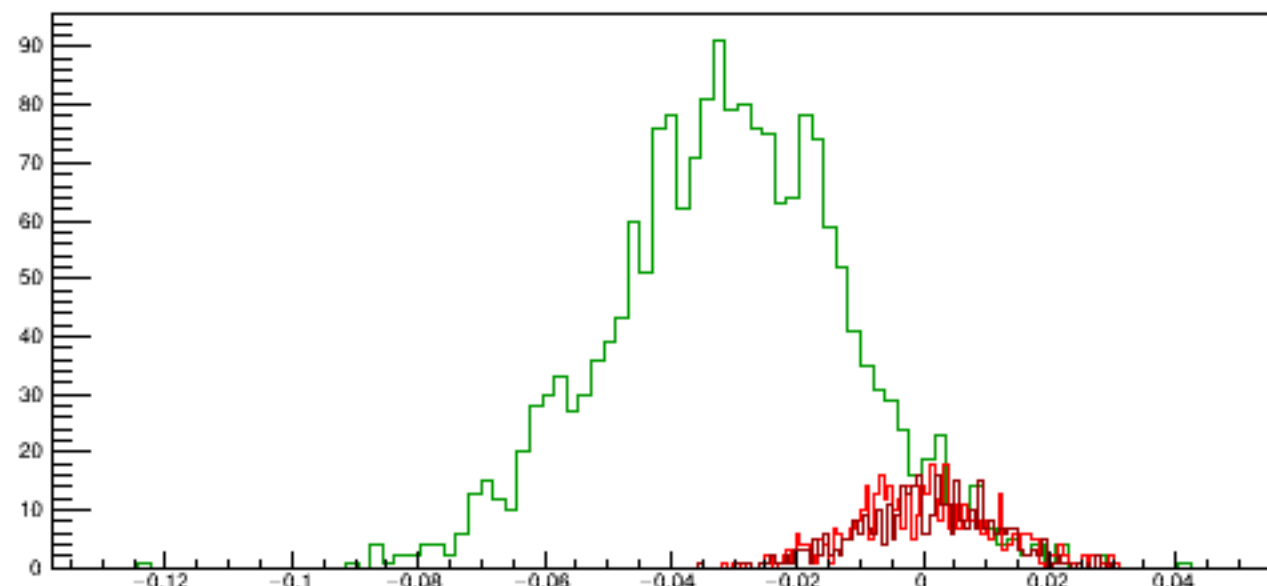
Std Dev: 0.0191 +/- 0.0003

Entries: 387

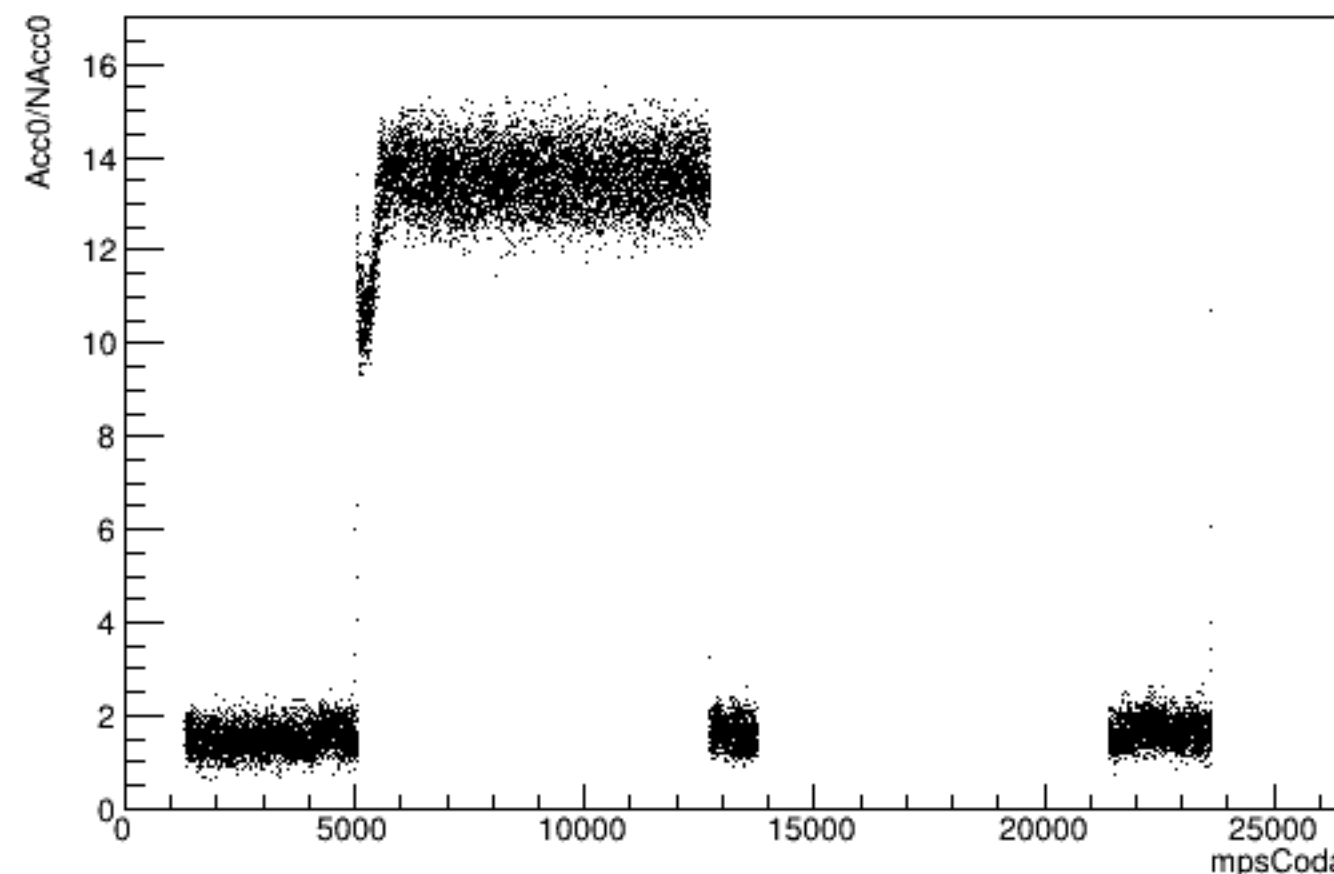
Mean: 0.0004 +/- 0.0006

Std Dev: 0.0108 +/- 0.0004

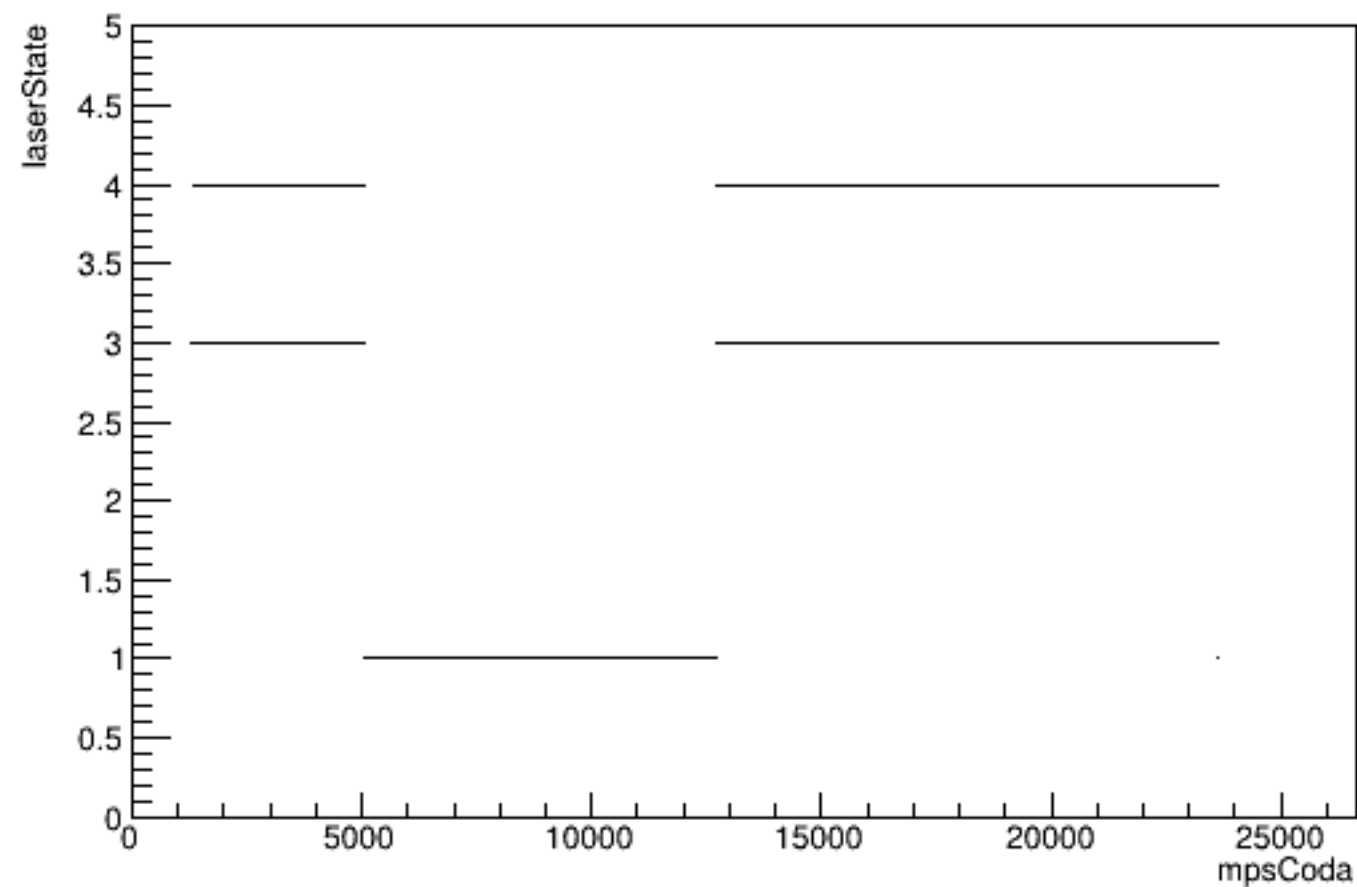
Run 5777 quartetwise, Asyms



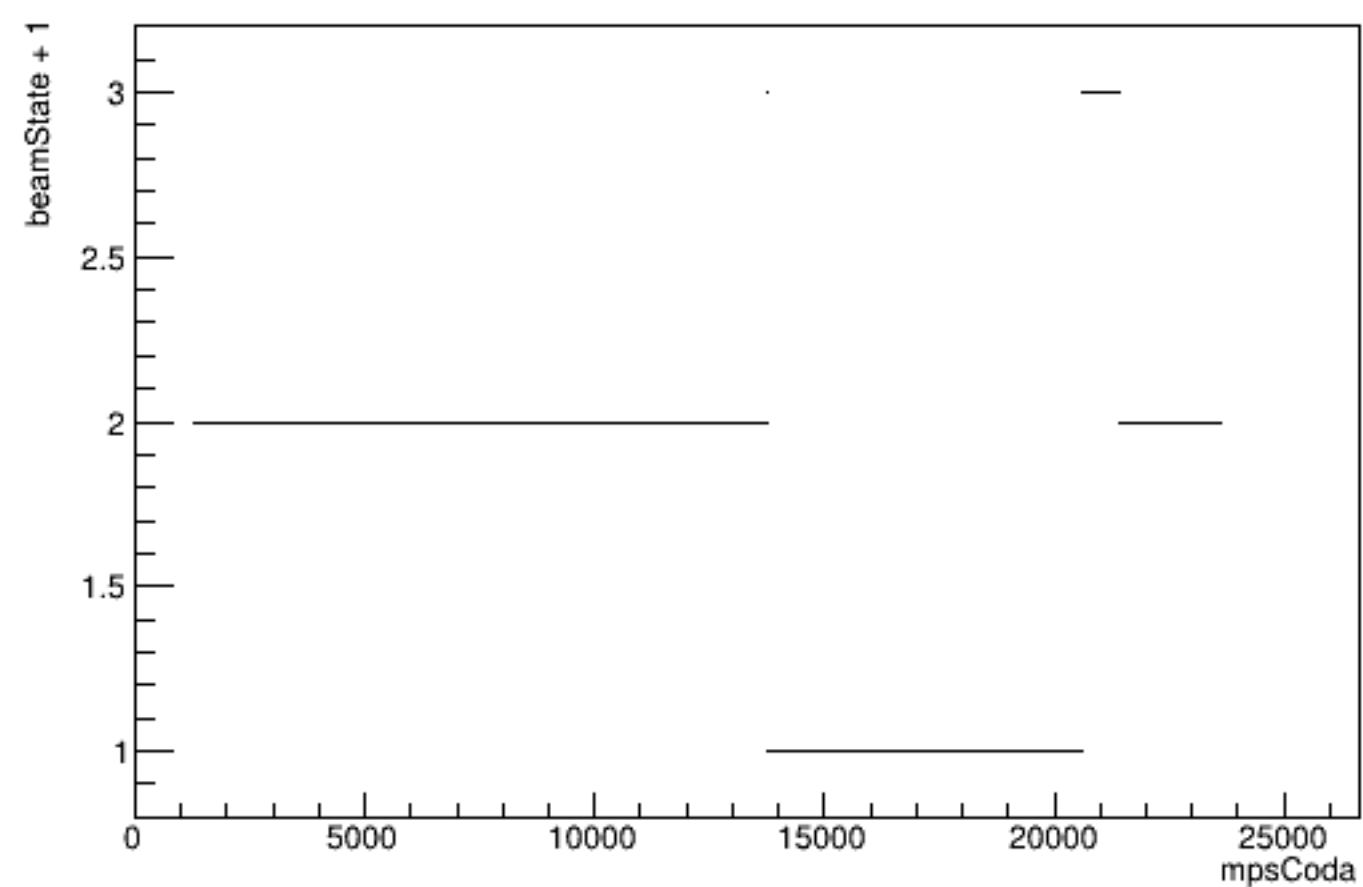
Acc0/NAcc0:mpsCoda {mpsCoda>=1310 && mpsCoda<=23645 && beamState==1}



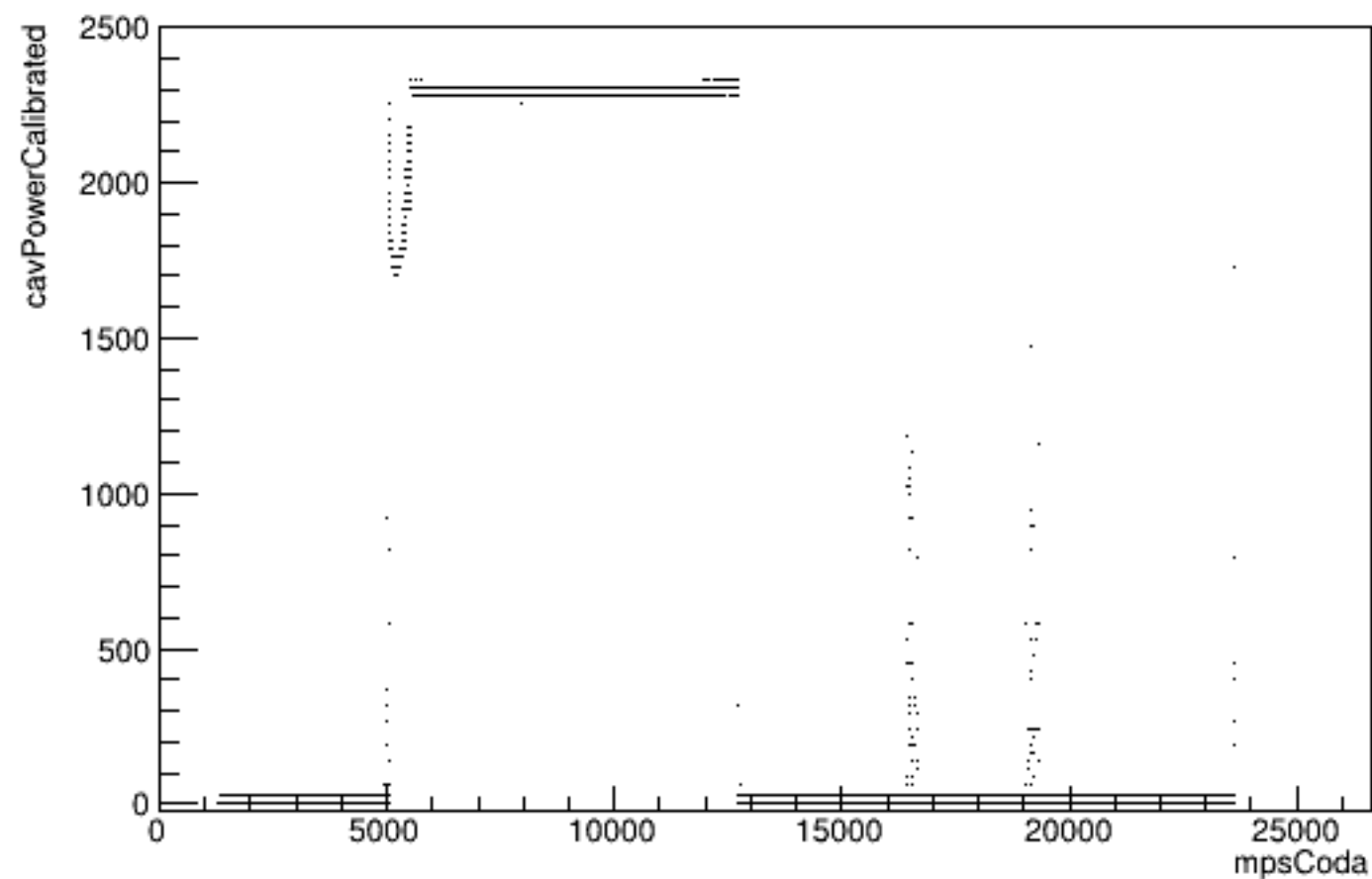
laserState:mpsCoda {mpsCoda>=1310 && mpsCoda<=23645}



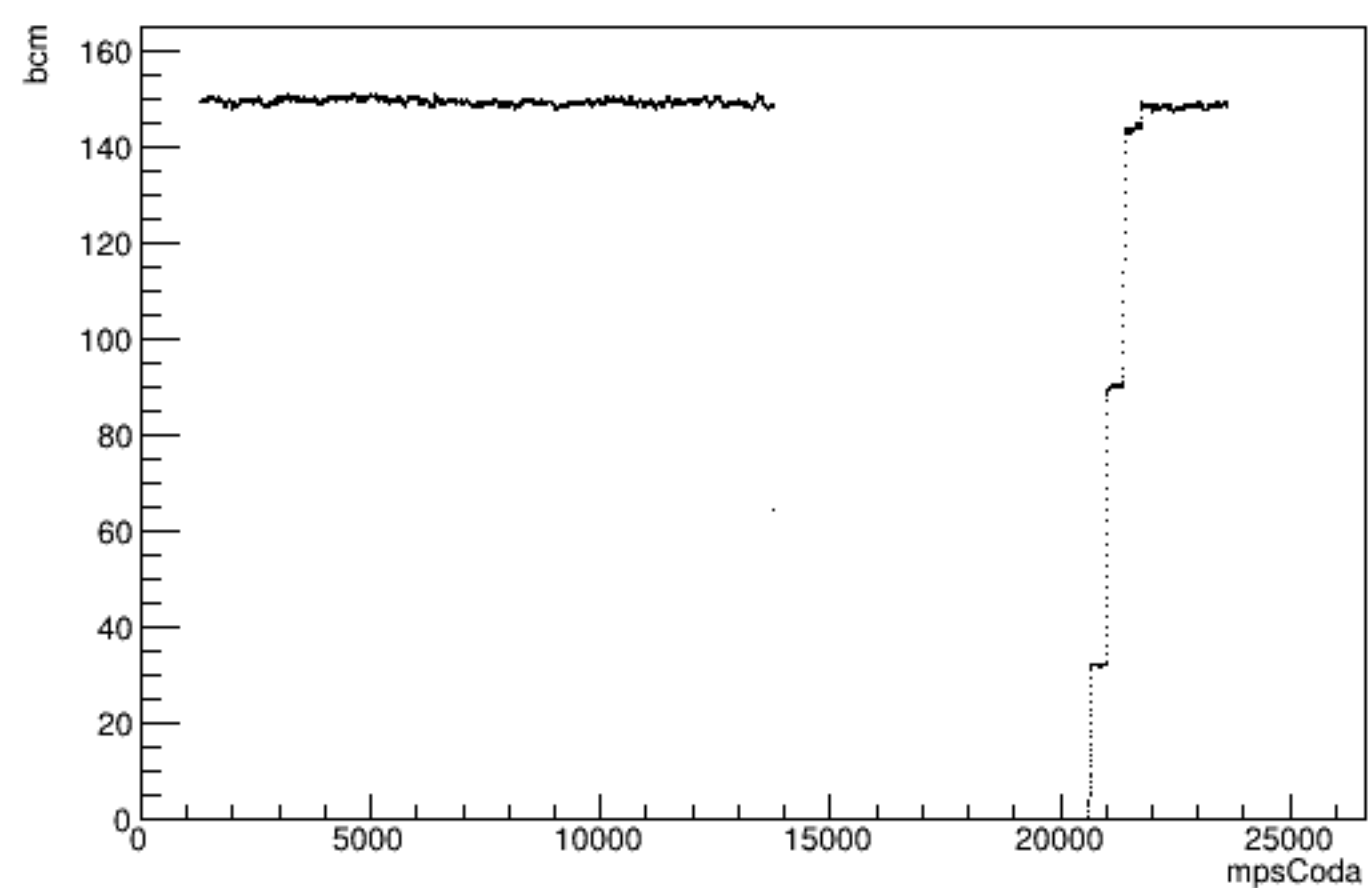
beamState + 1:mpsCoda {mpsCoda>=1310 && mpsCoda<=23645}



cavPowerCalibrated:mpsCoda {mpsCoda>=1310 && mpsCoda<=23645}



bcm:mpsCoda {mpsCoda>=1310 && mpsCoda<=23645}



Cycle 2, Diffs

Entries: 387

Mean: 0.0086 +/- 0.0131

Std Dev: 0.2568 +/- 0.0092

Entries: 1882

Mean: -0.7513 +/- 0.0104

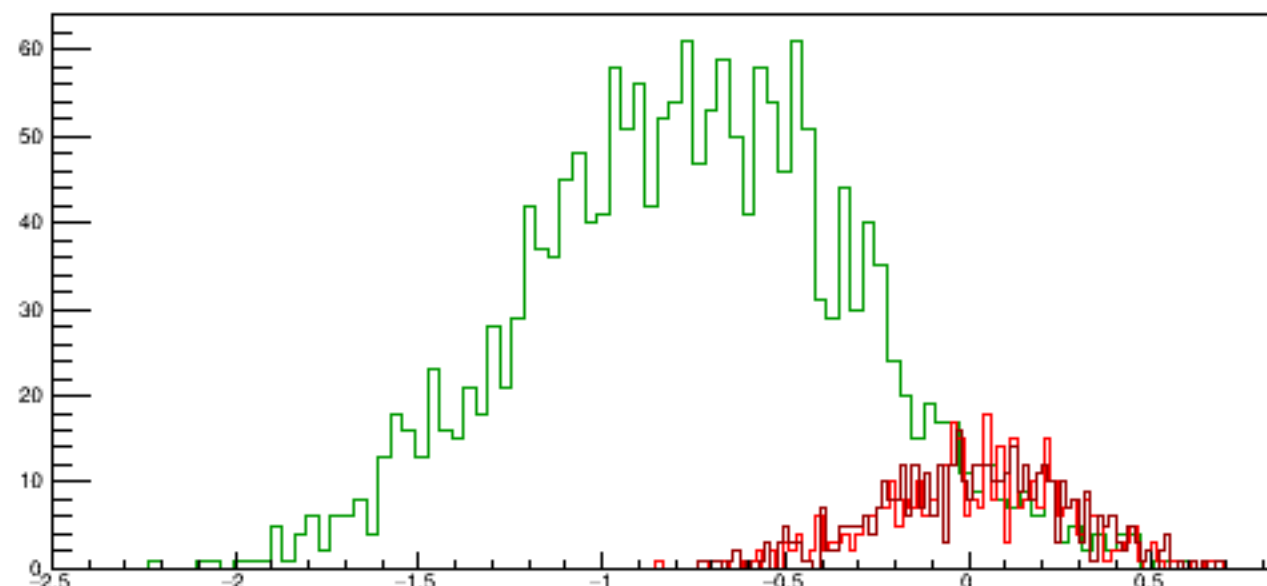
Std Dev: 0.4497 +/- 0.0073

Entries: 445

Mean: 0.0067 +/- 0.0126

Std Dev: 0.2657 +/- 0.0089

Run 5777 quartetwise, Diffs



Cycle 2, Sums

Entries: 387

Mean: 3.2864 +/- 0.0144

Std Dev: 0.2831 +/- 0.0102

Entries: 1882

Mean: 26.9297 +/- 0.0209

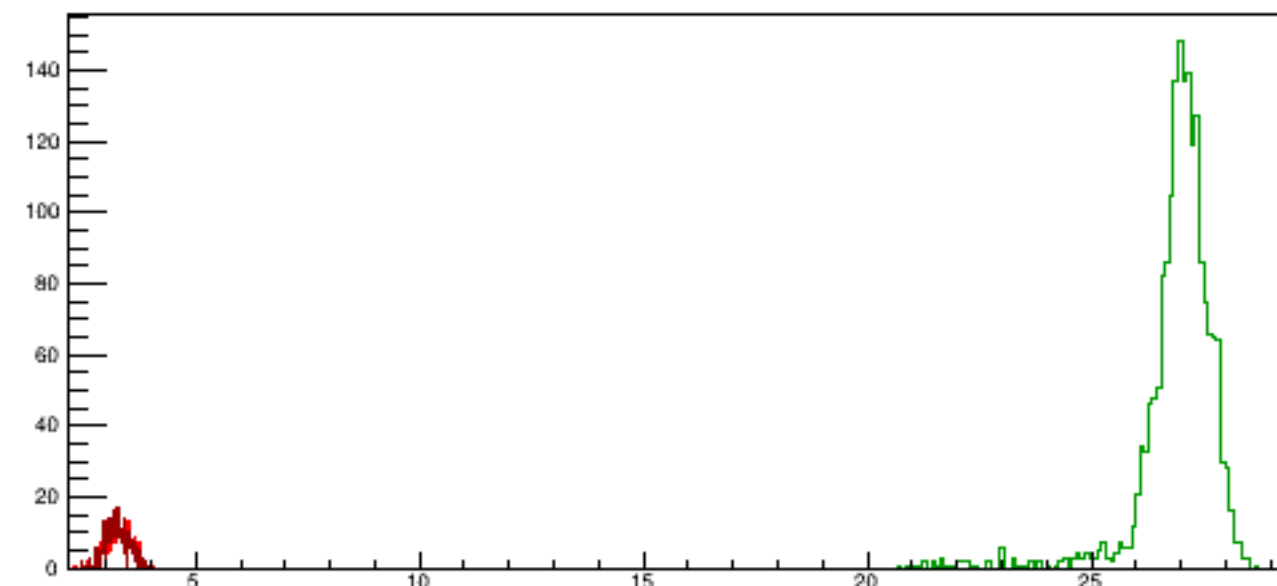
Std Dev: 0.9064 +/- 0.0148

Entries: 445

Mean: 3.2497 +/- 0.0135

Std Dev: 0.2842 +/- 0.0095

Run 5777 quartetwise, Sums



Cycle 2, Asyms

Entries: 387

Mean: 0.0004 +/- 0.0006

Std Dev: 0.0109 +/- 0.0004

Entries: 1882

Mean: -0.0317 +/- 0.0004

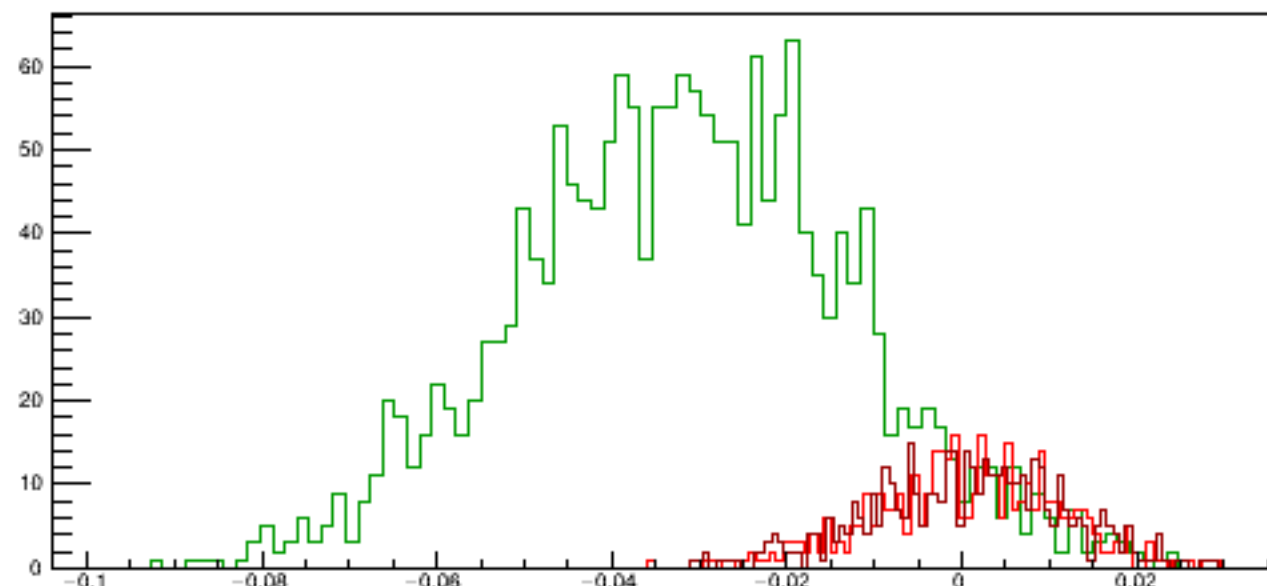
Std Dev: 0.0190 +/- 0.0003

Entries: 445

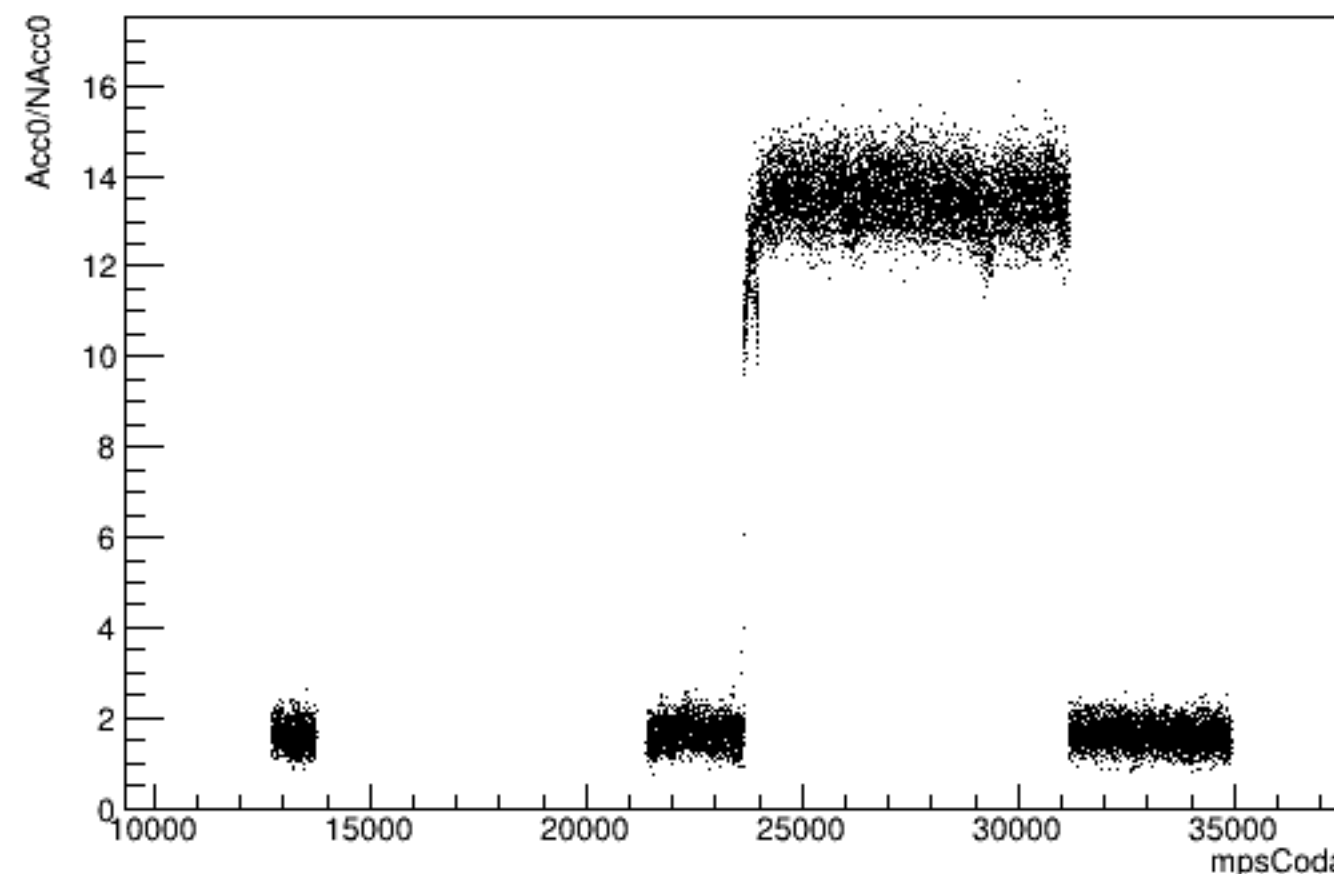
Mean: 0.0003 +/- 0.0005

Std Dev: 0.0112 +/- 0.0004

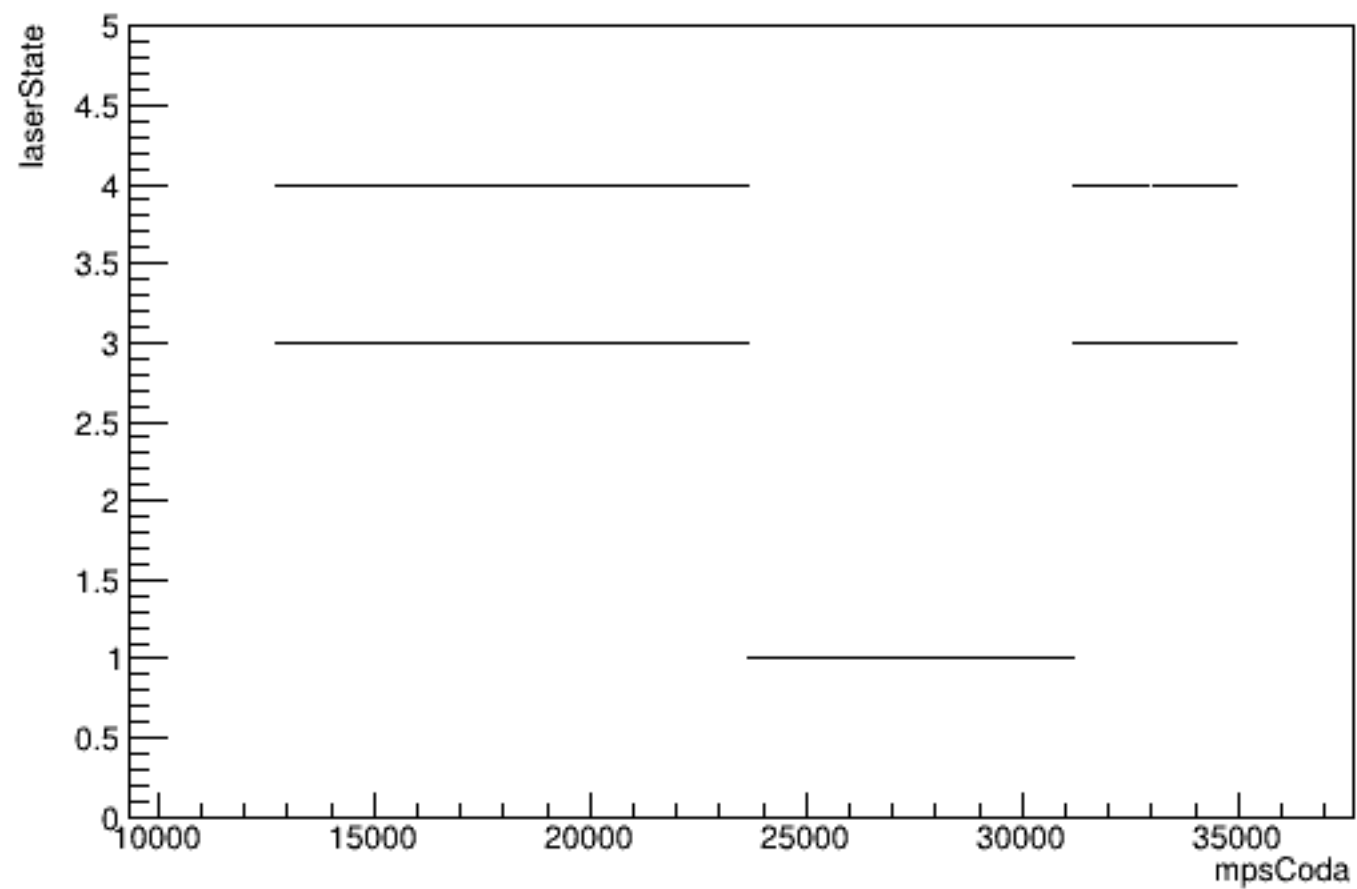
Run 5777 quartetwise, Asyms



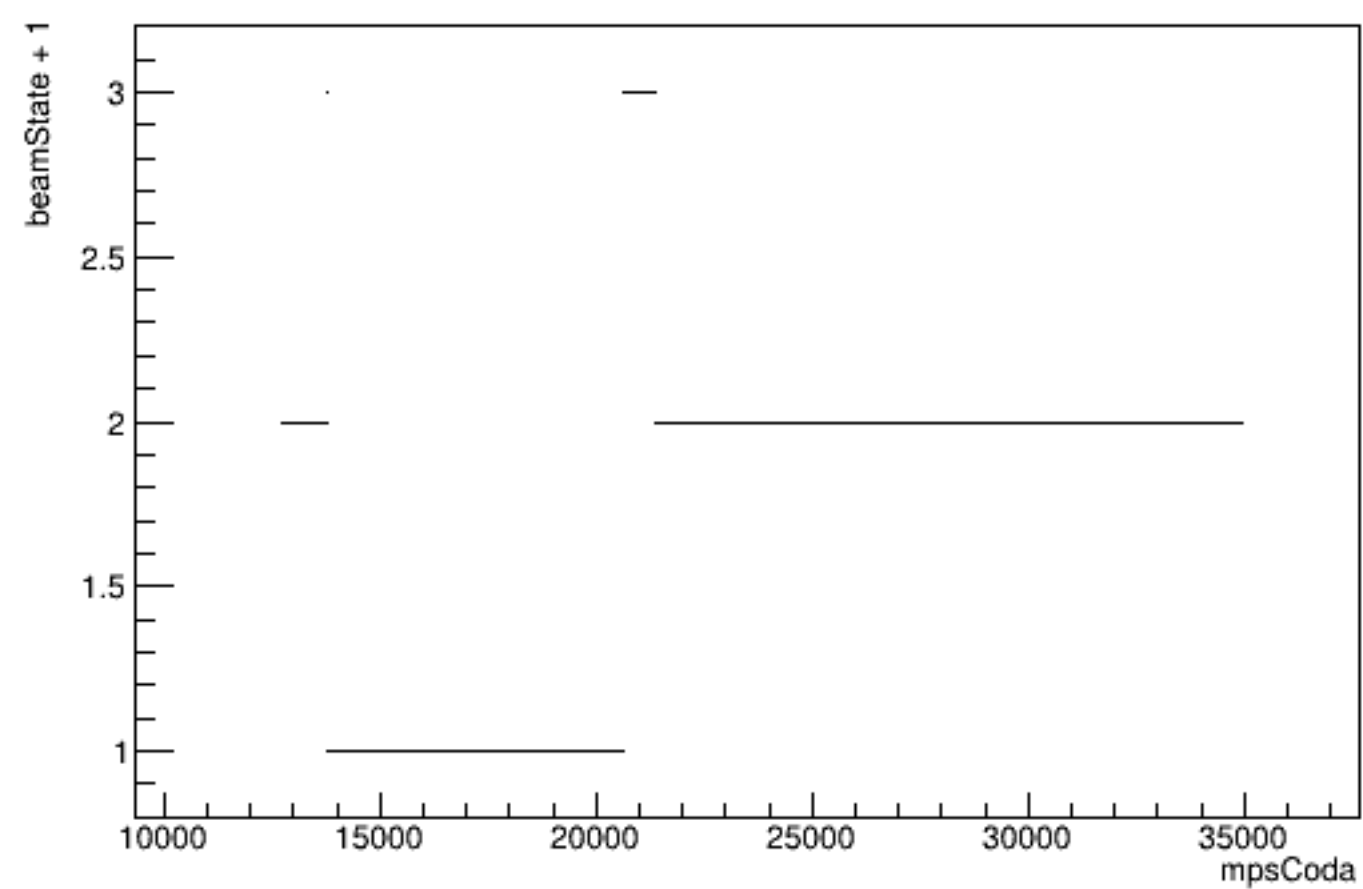
Acc0/NAcc0:mpsCoda {mpsCoda>=12730 && mpsCoda<=34925 && beamState==1}



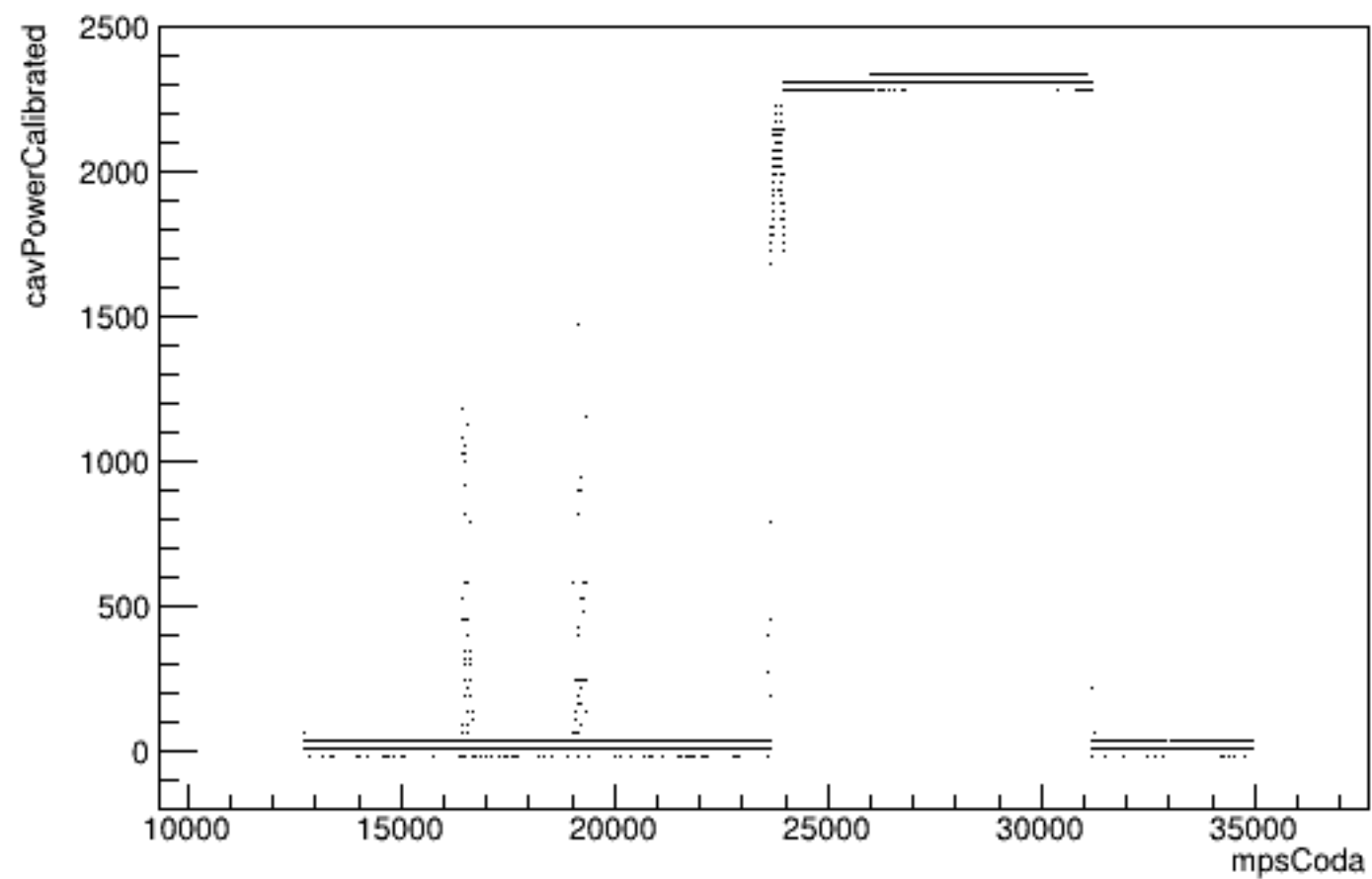
laserState:mpsCoda {mpsCoda>=12730 && mpsCoda<=34925}



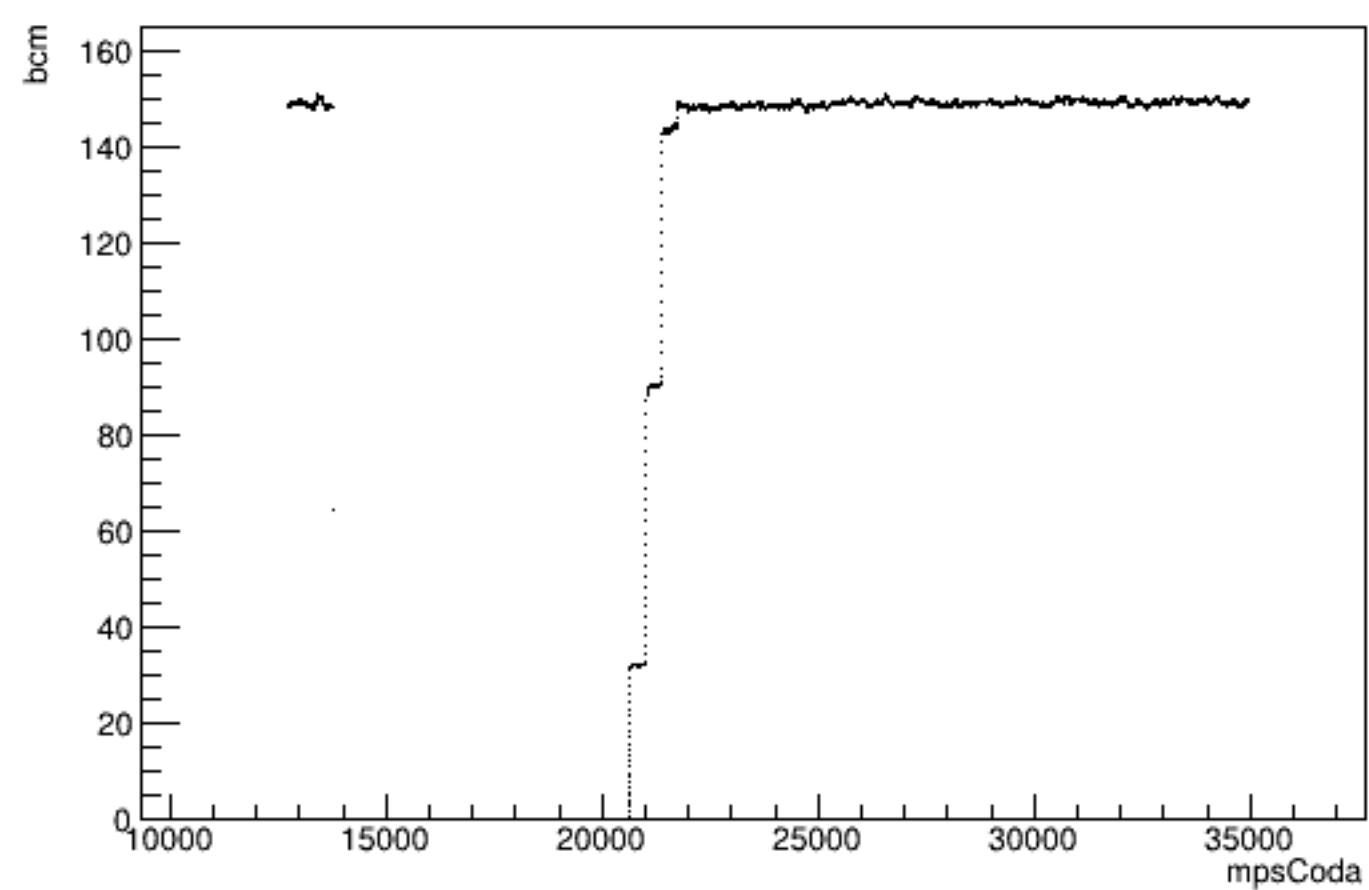
beamState + 1:mpsCoda {mpsCoda>=12730 && mpsCoda<=34925}



cavPowerCalibrated:mpsCoda {mpsCoda>=12730 && mpsCoda<=34925}



bcm:mpsCoda {mpsCoda>=12730 && mpsCoda<=34925}



Cycle 3, Diffs

Entries: 445

Mean: 0.0067 +/- 0.0126

Std Dev: 0.2657 +/- 0.0089

Entries: 1932

Mean: -0.7216 +/- 0.0102

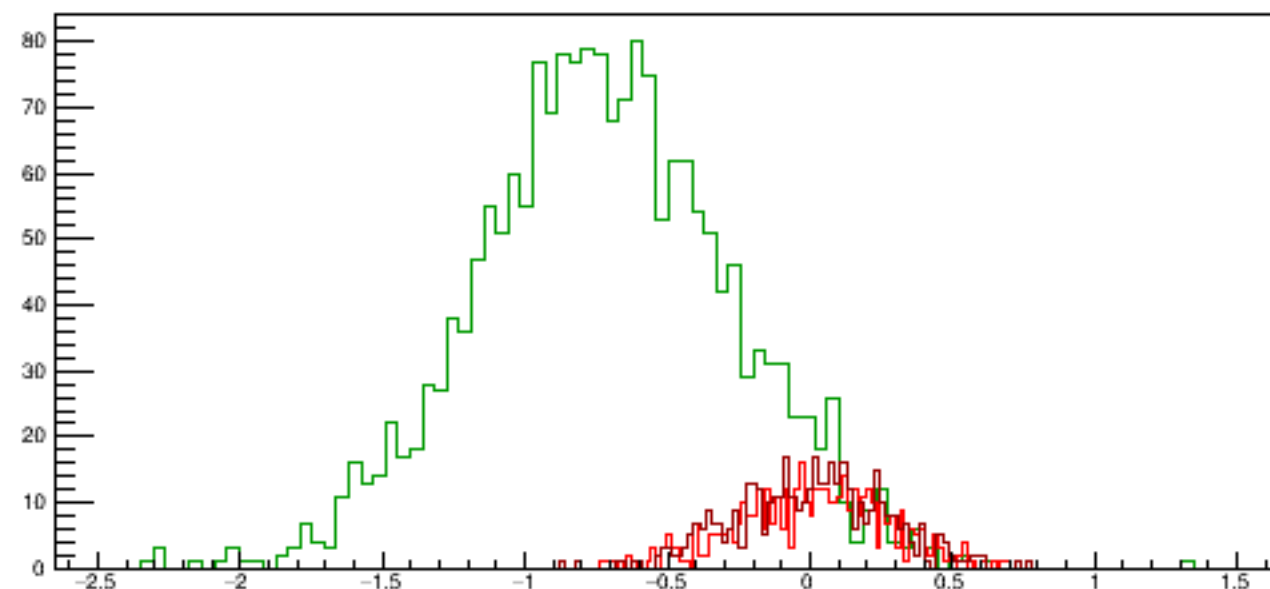
Std Dev: 0.4484 +/- 0.0072

Entries: 440

Mean: -0.0026 +/- 0.0126

Std Dev: 0.2639 +/- 0.0089

Run 5777 quartetwise, Diffs



Cycle 3, Sums

Entries: 445

Mean: 3.2497 +/- 0.0135

Std Dev: 0.2842 +/- 0.0095

Entries: 1932

Mean: 26.7280 +/- 0.0331

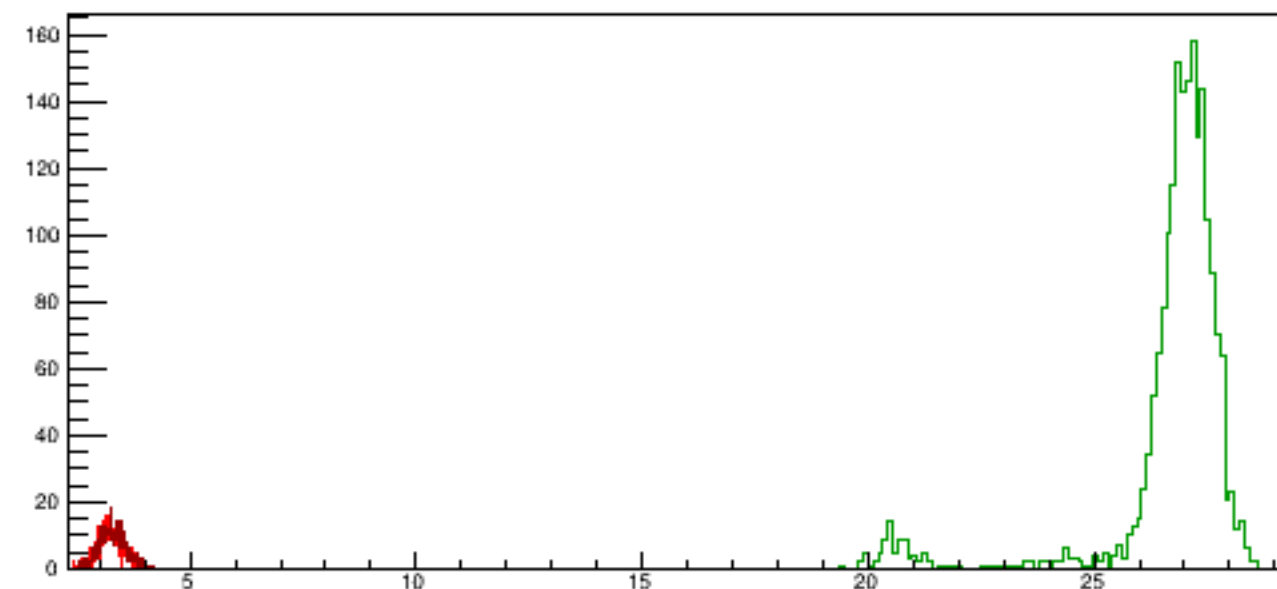
Std Dev: 1.4535 +/- 0.0234

Entries: 440

Mean: 3.2817 +/- 0.0144

Std Dev: 0.3013 +/- 0.0102

Run 5777 quartetwise, Sums



Cycle 3, Asyms

Entries: 445

Mean: 0.0003 +/- 0.0005

Std Dev: 0.0113 +/- 0.0004

Entries: 1932

Mean: -0.0308 +/- 0.0004

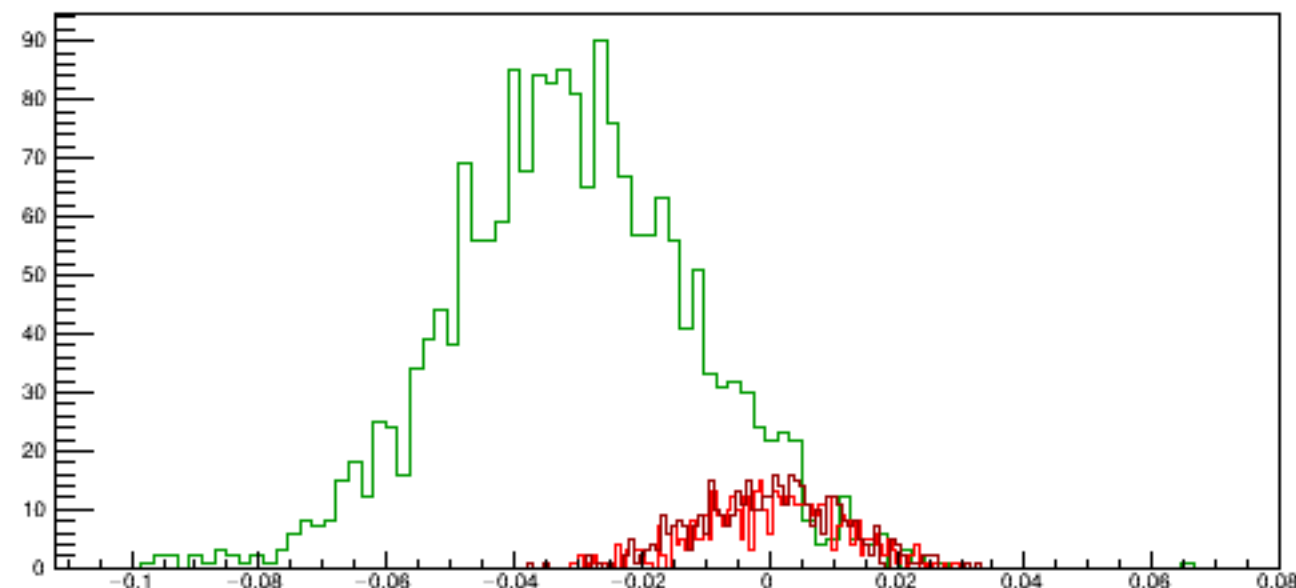
Std Dev: 0.0192 +/- 0.0003

Entries: 440

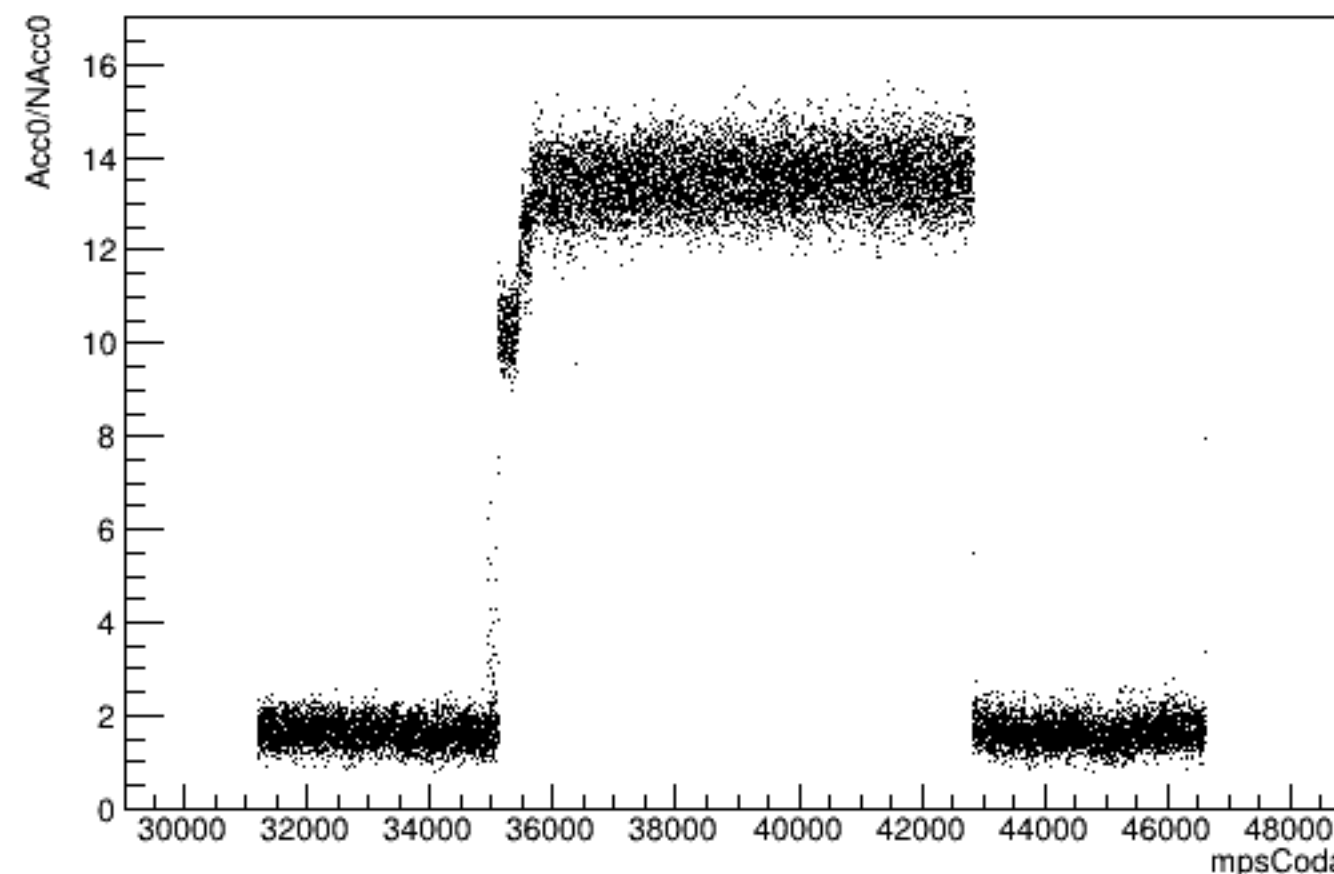
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0112 +/- 0.0004

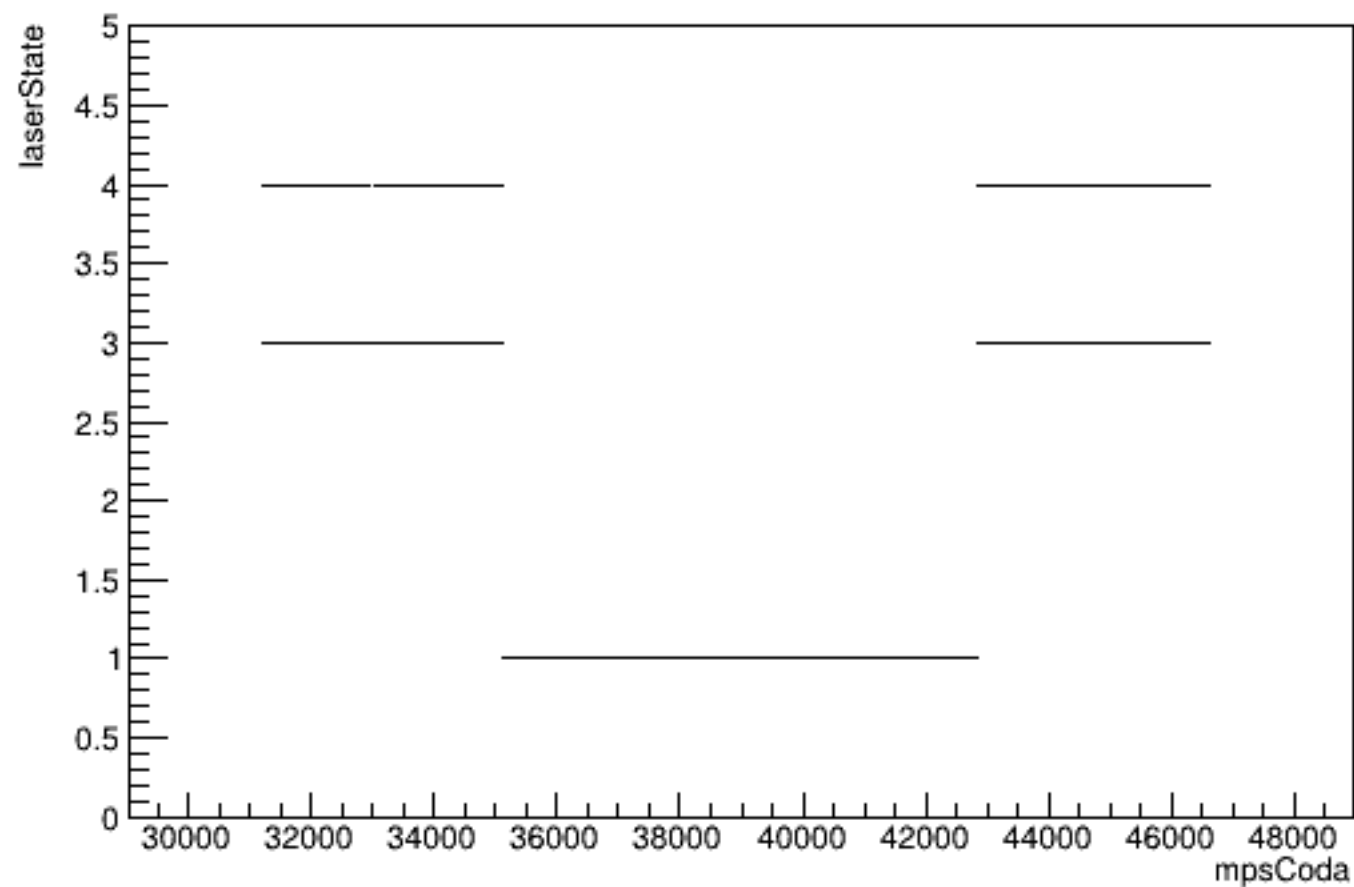
Run 5777 quartetwise, Asyms



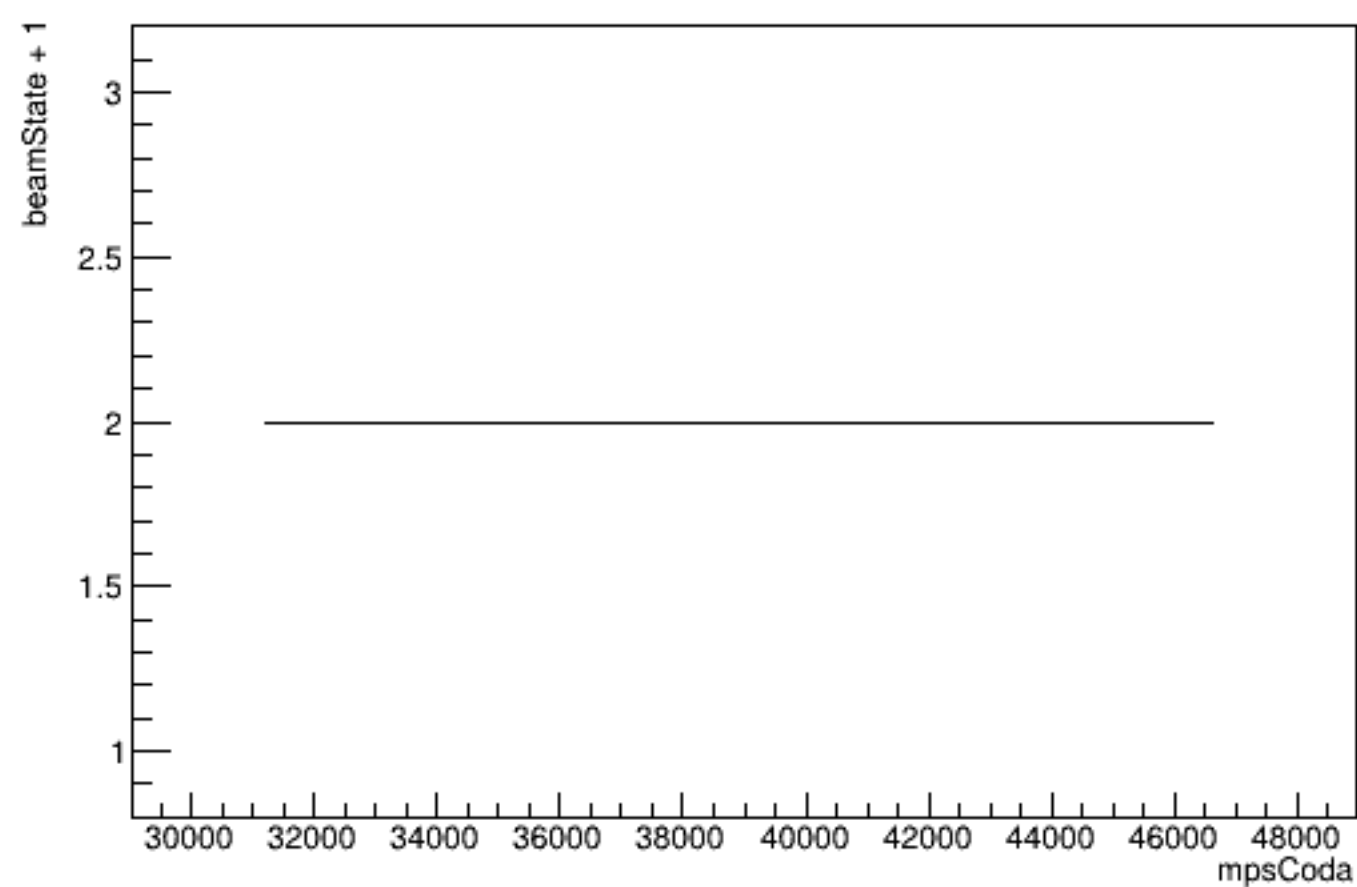
Acc0/NAcc0:mpsCoda {mpsCoda>=31182 && mpsCoda<=46617 && beamState==1}



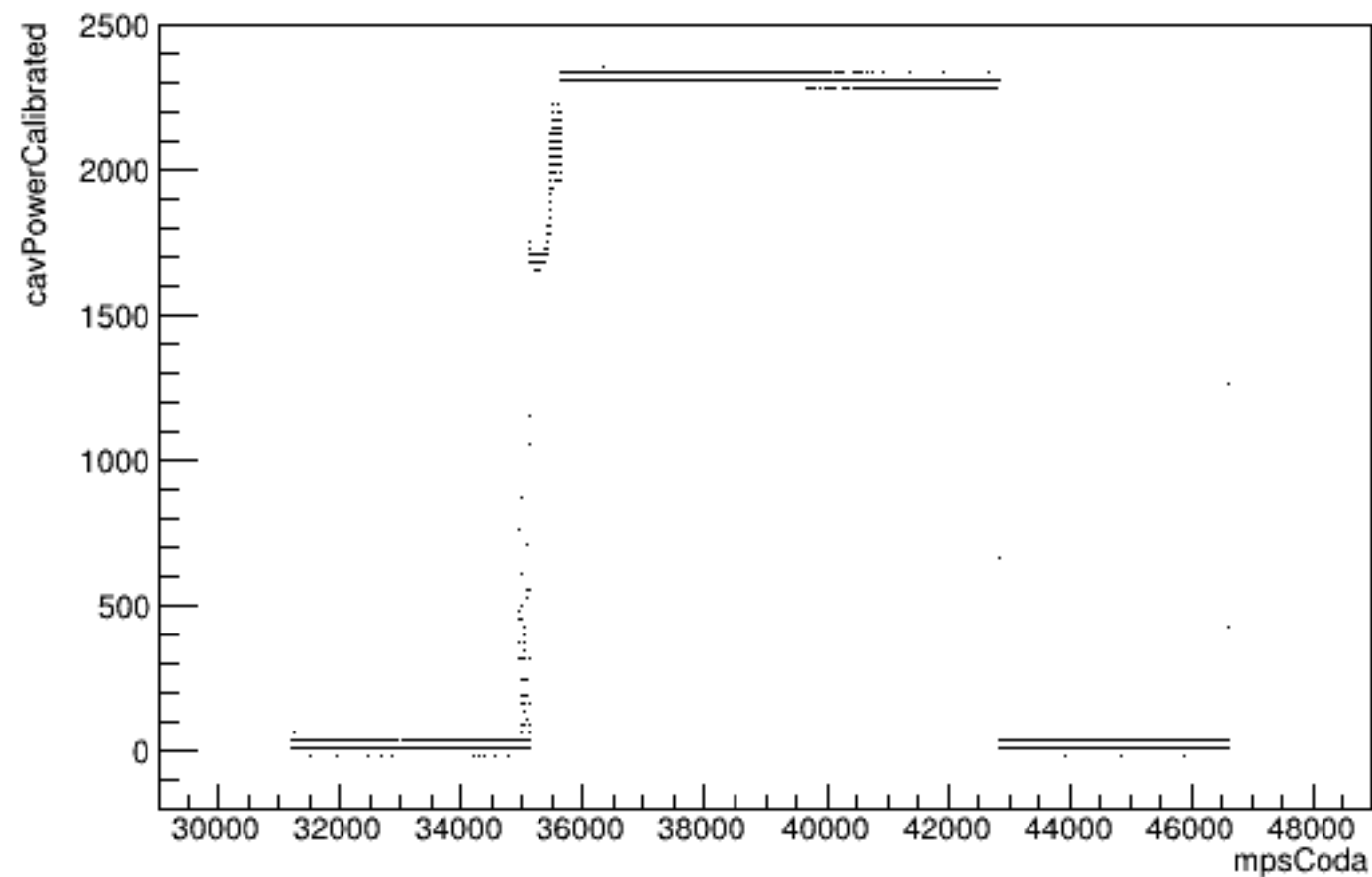
laserState:mpsCoda {mpsCoda>=31182 && mpsCoda<=46617}



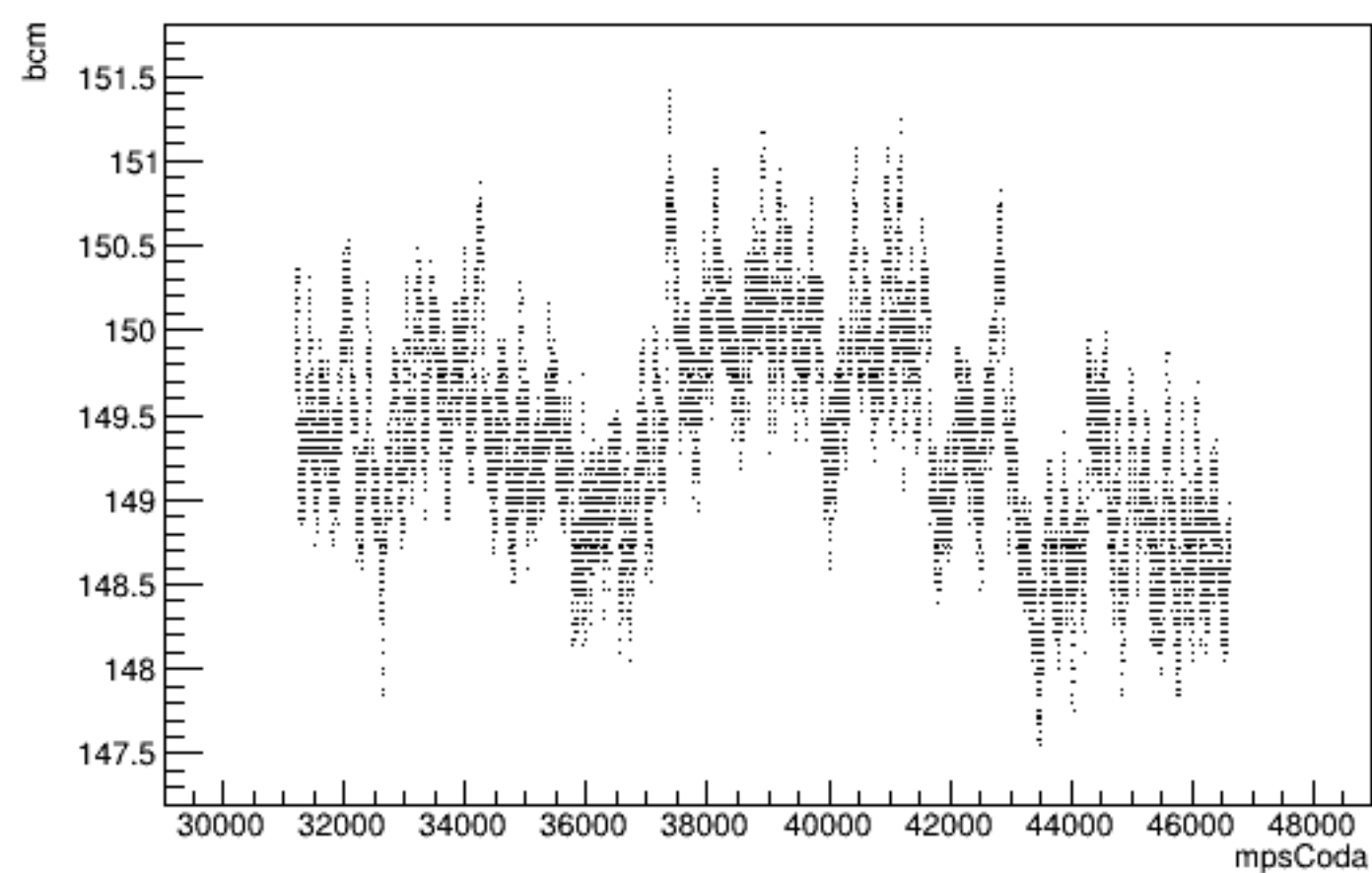
beamState + 1:mpsCoda {mpsCoda>=31182 && mpsCoda<=46617}



cavPowerCalibrated:mpsCoda {mpsCoda>=31182 && mpsCoda<=46617}



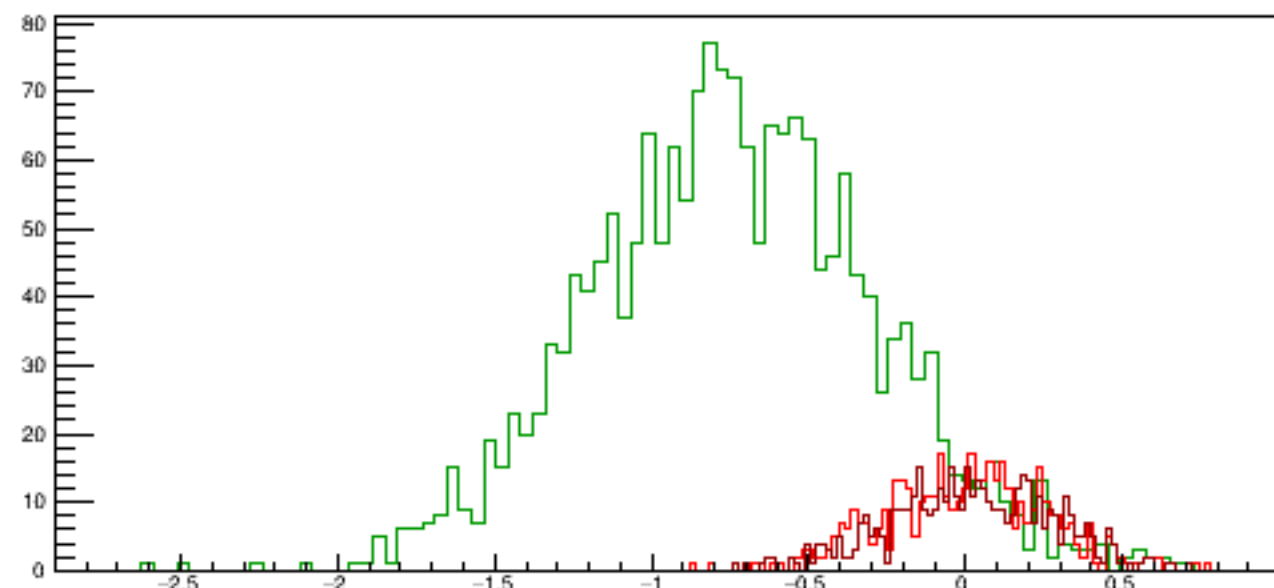
bcm:mpsCoda {mpsCoda>=31182 && mpsCoda<=46617}



Cycle 4, Diffs

Entries: 440	Entries: 1911	Entries: 459
Mean: -0.0026 +/- 0.0126	Mean: -0.7435 +/- 0.0103	Mean: 0.0119 +/- 0.0122
Std Dev: 0.2639 +/- 0.0089	Std Dev: 0.4522 +/- 0.0073	Std Dev: 0.2616 +/- 0.0086

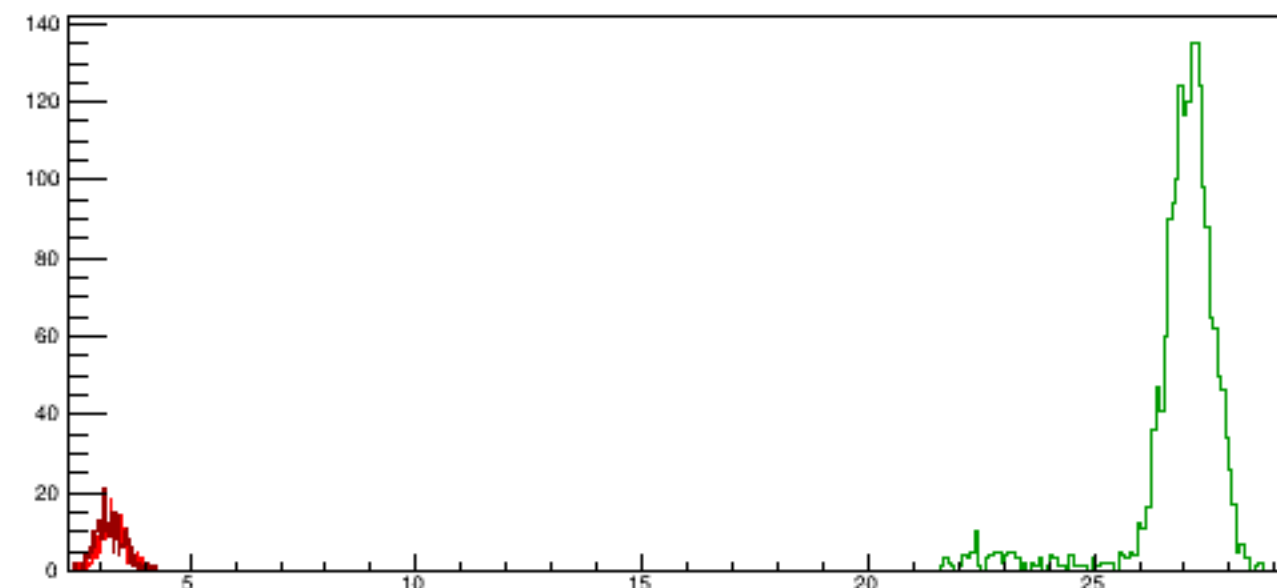
Run 5777 quartetwise, Diffs



Cycle 4, Sums

Entries: 440	Entries: 1911	Entries: 459
Mean: 3.2817 +/- 0.0144	Mean: 26.9081 +/- 0.0234	Mean: 3.2196 +/- 0.0145
Std Dev: 0.3013 +/- 0.0102	Std Dev: 1.0212 +/- 0.0165	Std Dev: 0.3109 +/- 0.0103

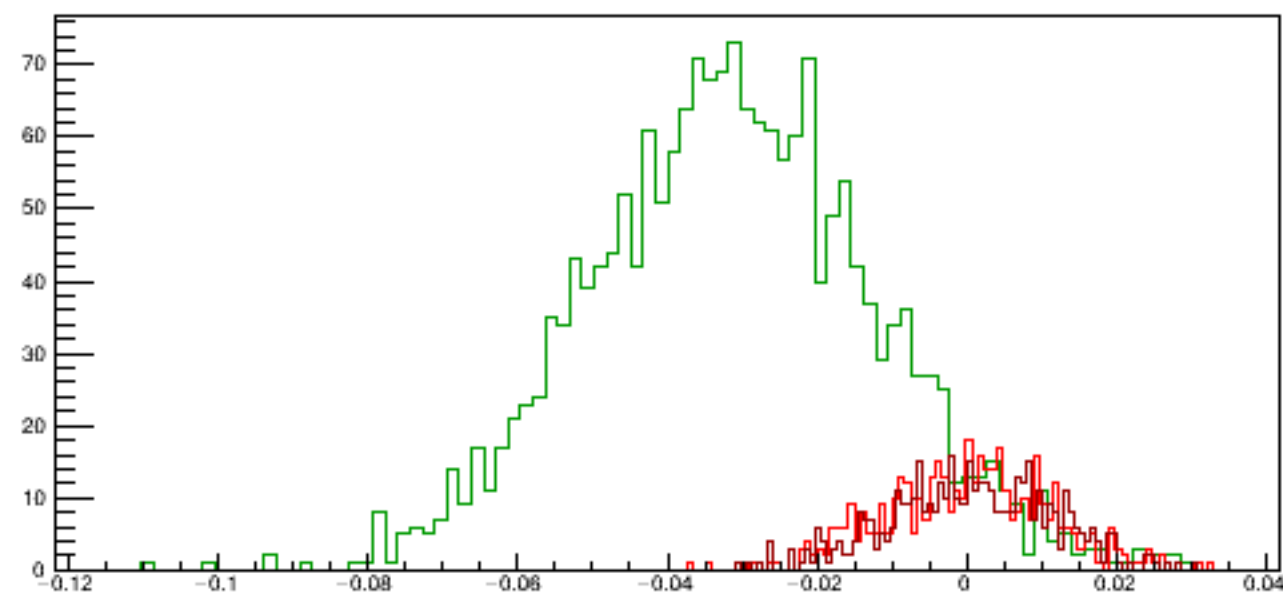
Run 5777 quartetwise, Sums



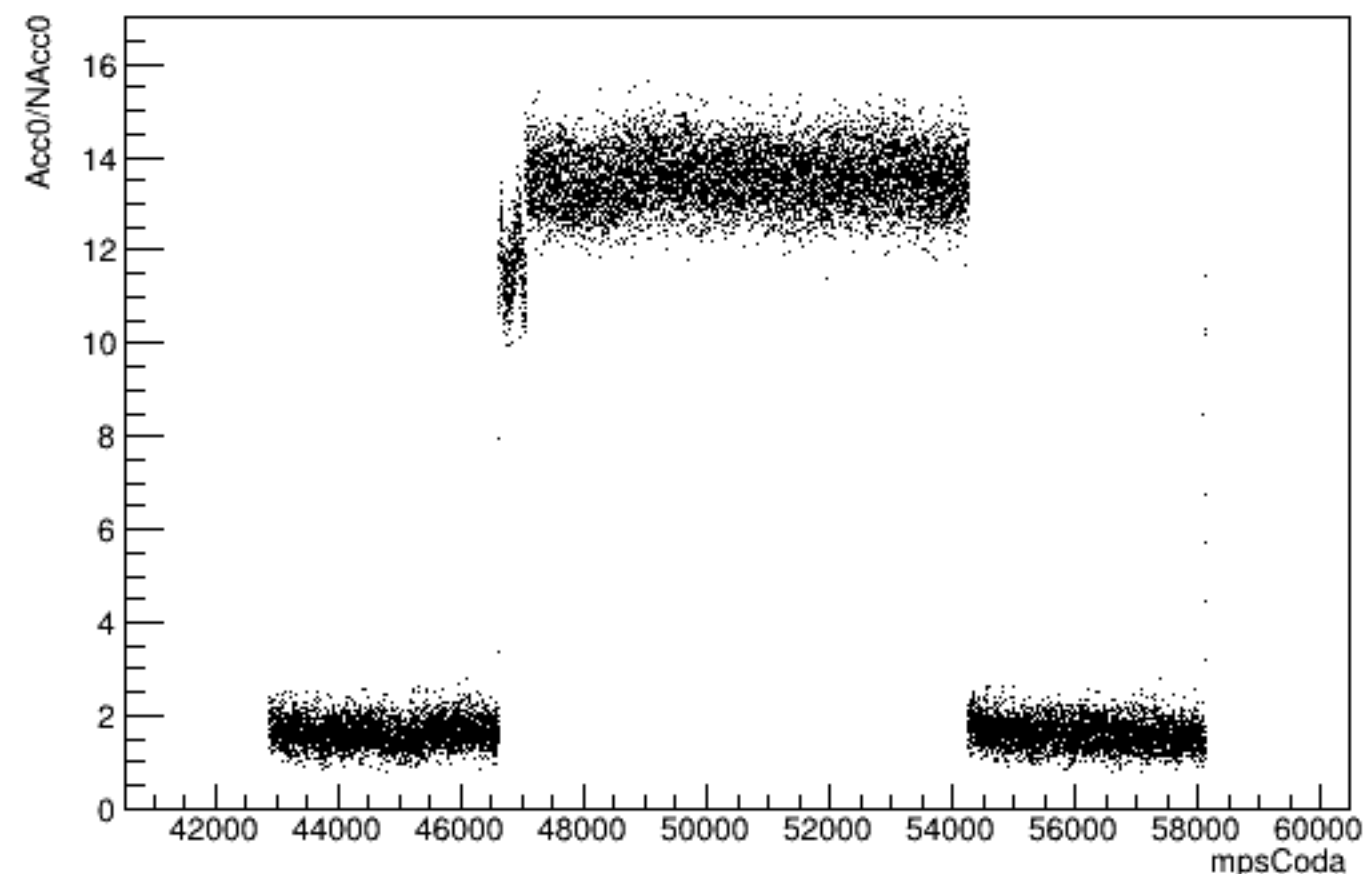
Cycle 4, Asyms

Entries: 440	Entries: 1911	Entries: 459
Mean: -0.0001 +/- 0.0005	Mean: -0.0314 +/- 0.0004	Mean: 0.0005 +/- 0.0005
Std Dev: 0.0112 +/- 0.0004	Std Dev: 0.0191 +/- 0.0003	Std Dev: 0.0111 +/- 0.0004

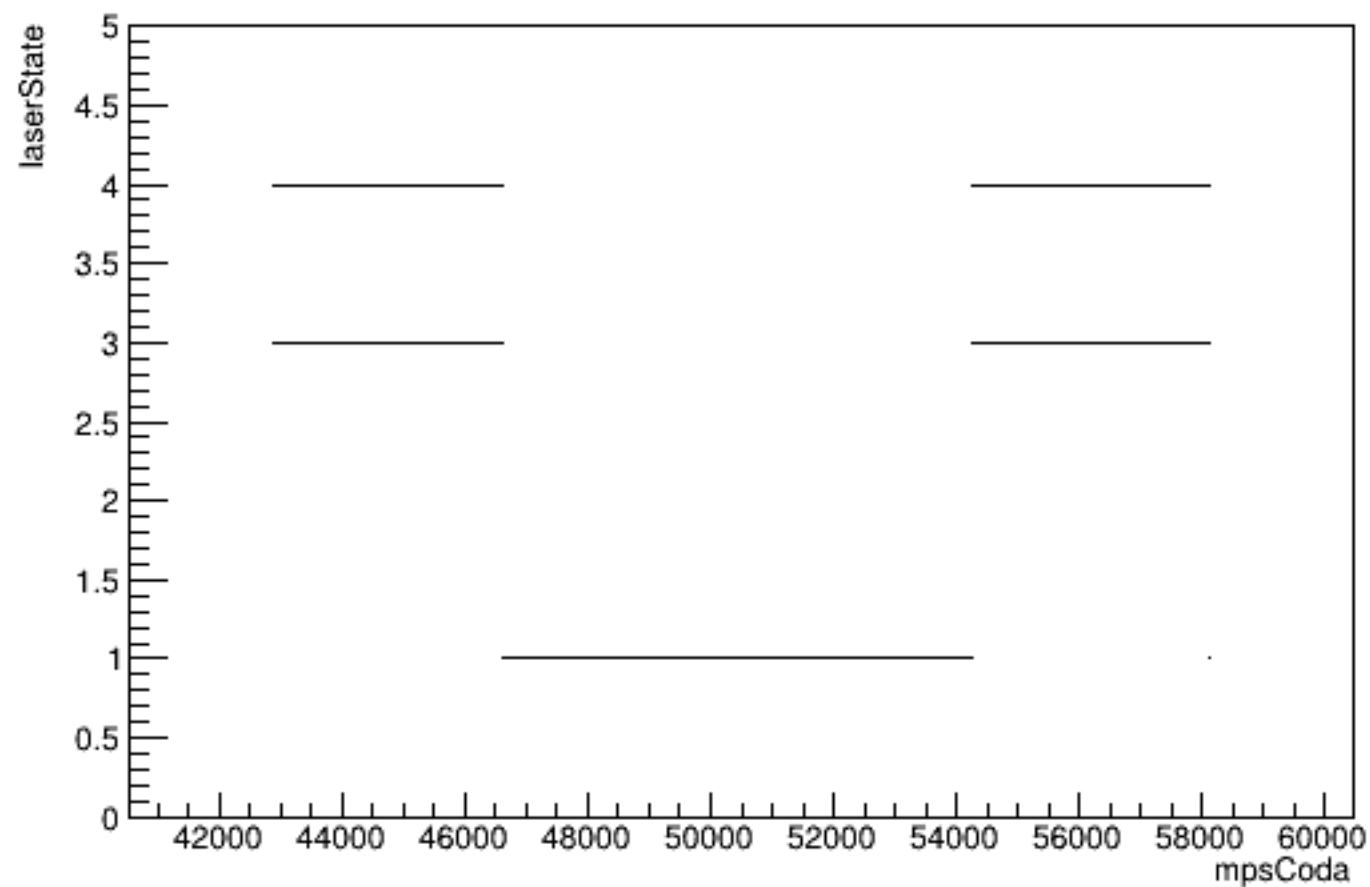
Run 5777 quartetwise, Asyms



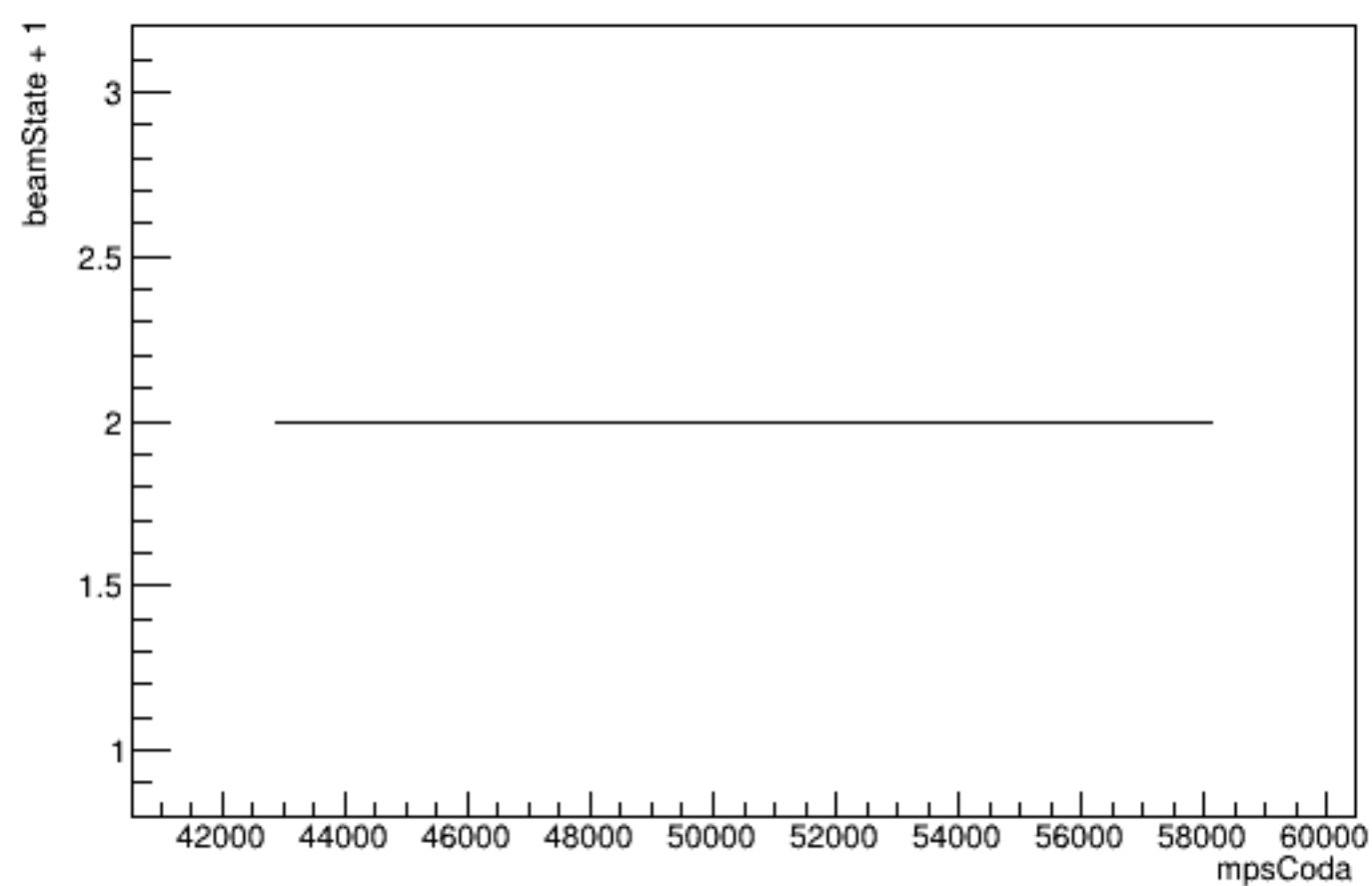
Acc0/NAcc0:mpsCoda {mpsCoda>=42878 && mpsCoda<=58121 && beamState==1}



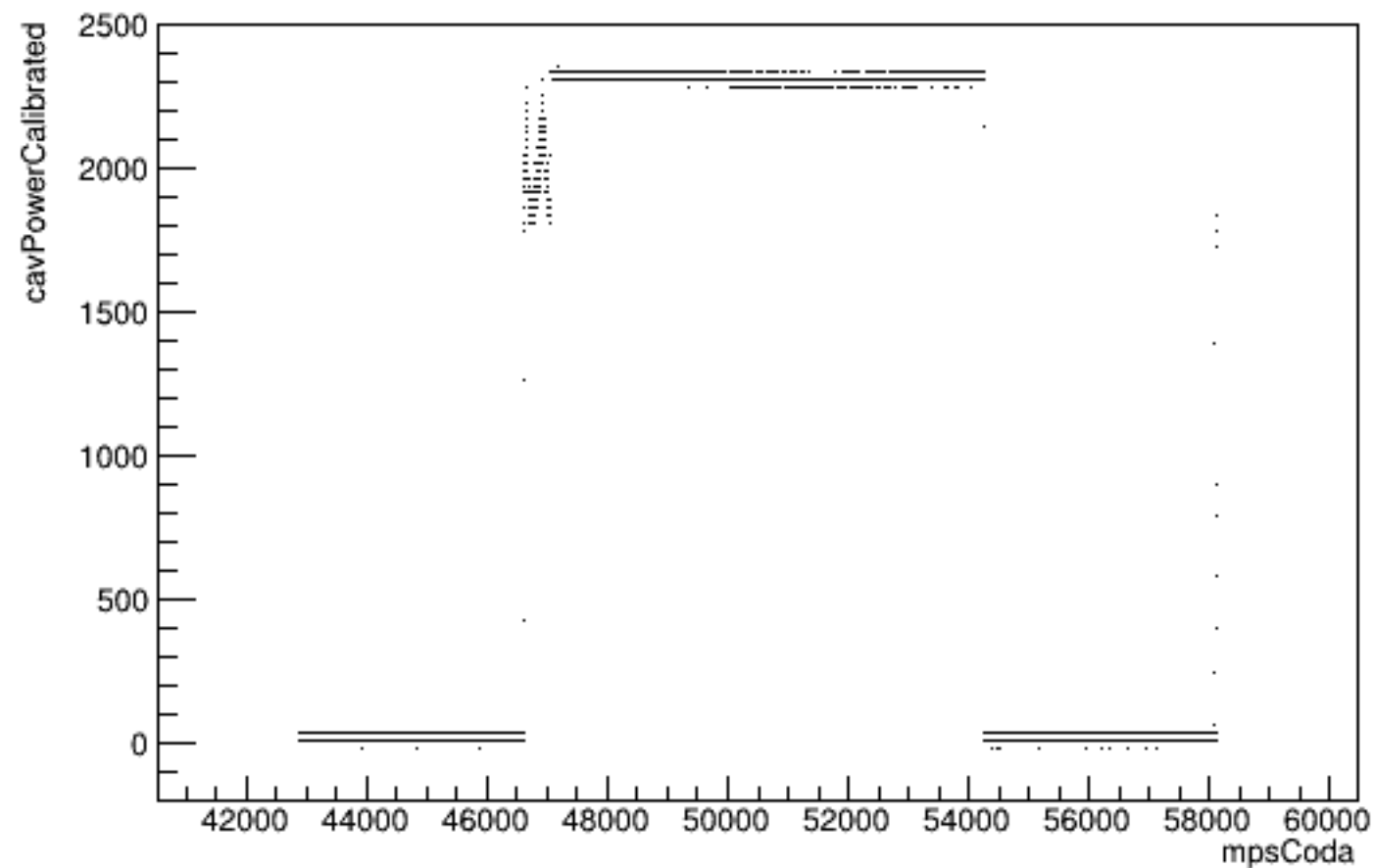
laserState:mpsCoda {mpsCoda>=42878 && mpsCoda<=58121}



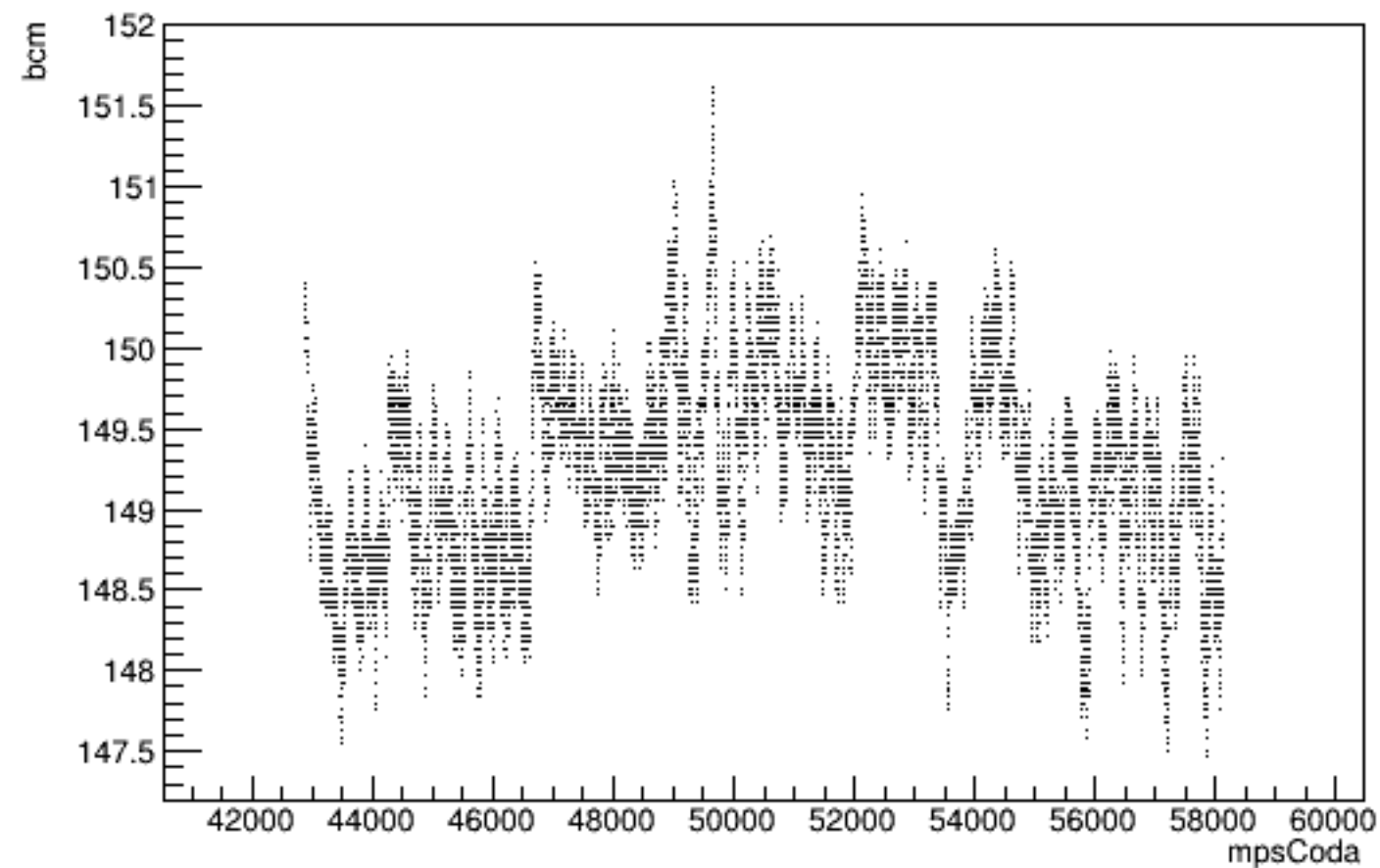
beamState + 1:mpsCoda {mpsCoda>=42878 && mpsCoda<=58121}



cavPowerCalibrated:mpsCoda {mpsCoda>=42878 && mpsCoda<=58121}



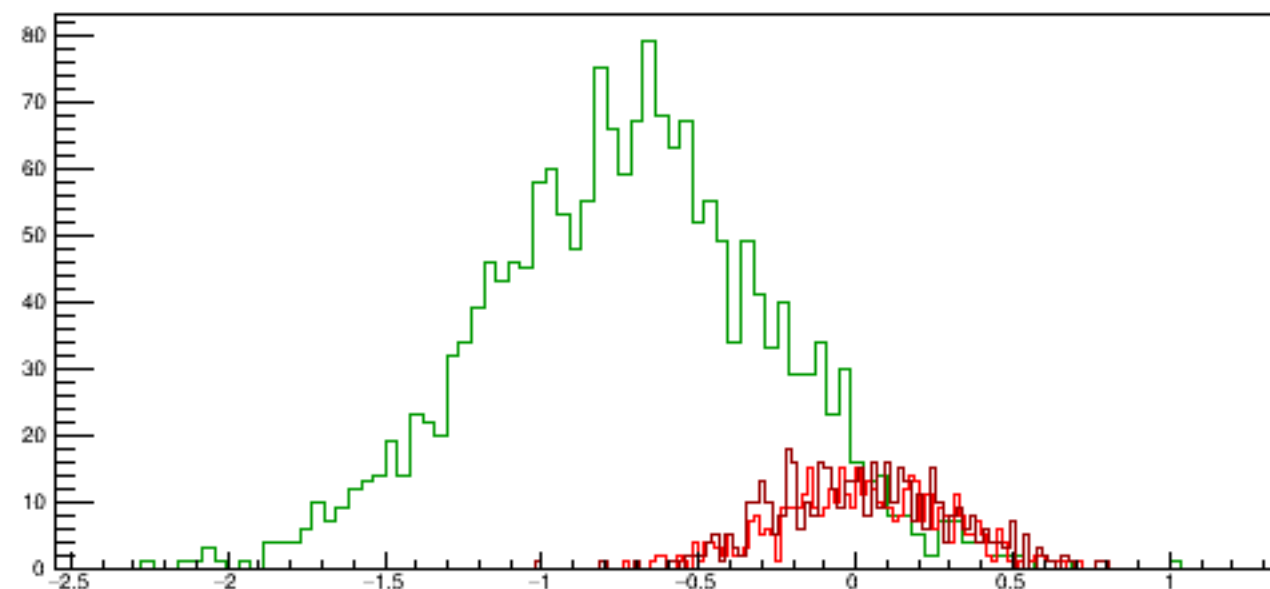
bcm:mpsCoda {mpsCoda>=42878 && mpsCoda<=58121}



Cycle 5, Diffs

Entries: 459	Entries: 1890	Entries: 453
Mean: 0.0119 +/- 0.0122	Mean: -0.7274 +/- 0.0105	Mean: 0.0166 +/- 0.0130
Std Dev: 0.2616 +/- 0.0086	Std Dev: 0.4555 +/- 0.0074	Std Dev: 0.2764 +/- 0.0092

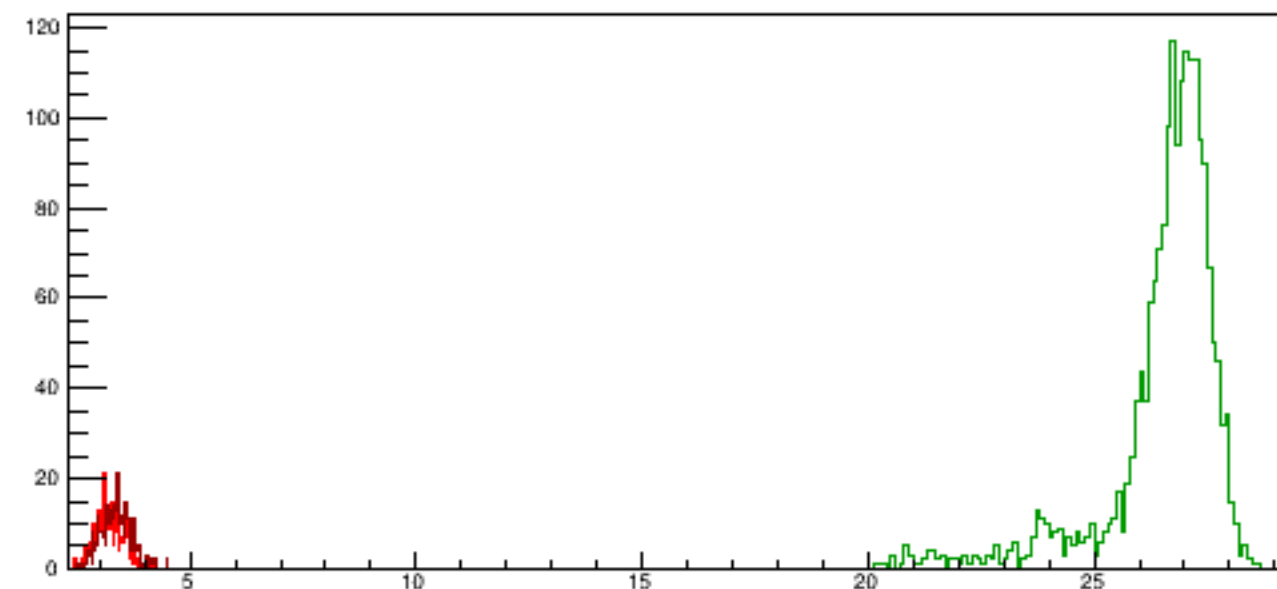
Run 5777 quartetwise, Diffs



Cycle 5, Sums

Entries: 459	Entries: 1890	Entries: 453
Mean: 3.2196 +/- 0.0145	Mean: 26.5500 +/- 0.0292	Mean: 3.3753 +/- 0.0156
Std Dev: 0.3109 +/- 0.0103	Std Dev: 1.2699 +/- 0.0207	Std Dev: 0.3326 +/- 0.0111

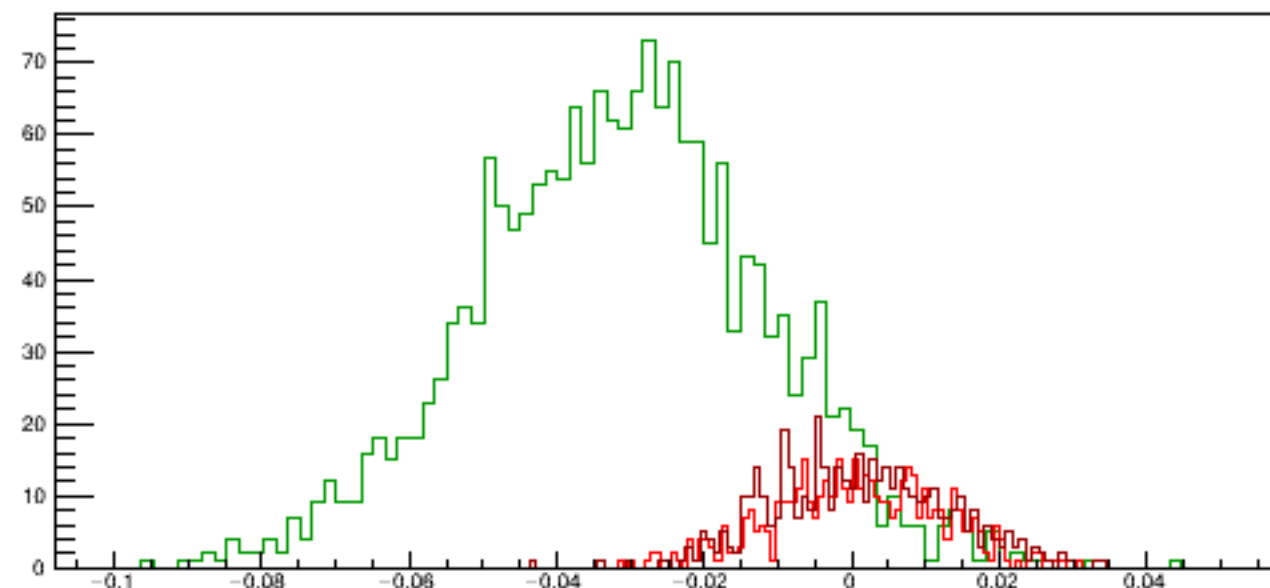
Run 5777 quartetwise, Sums



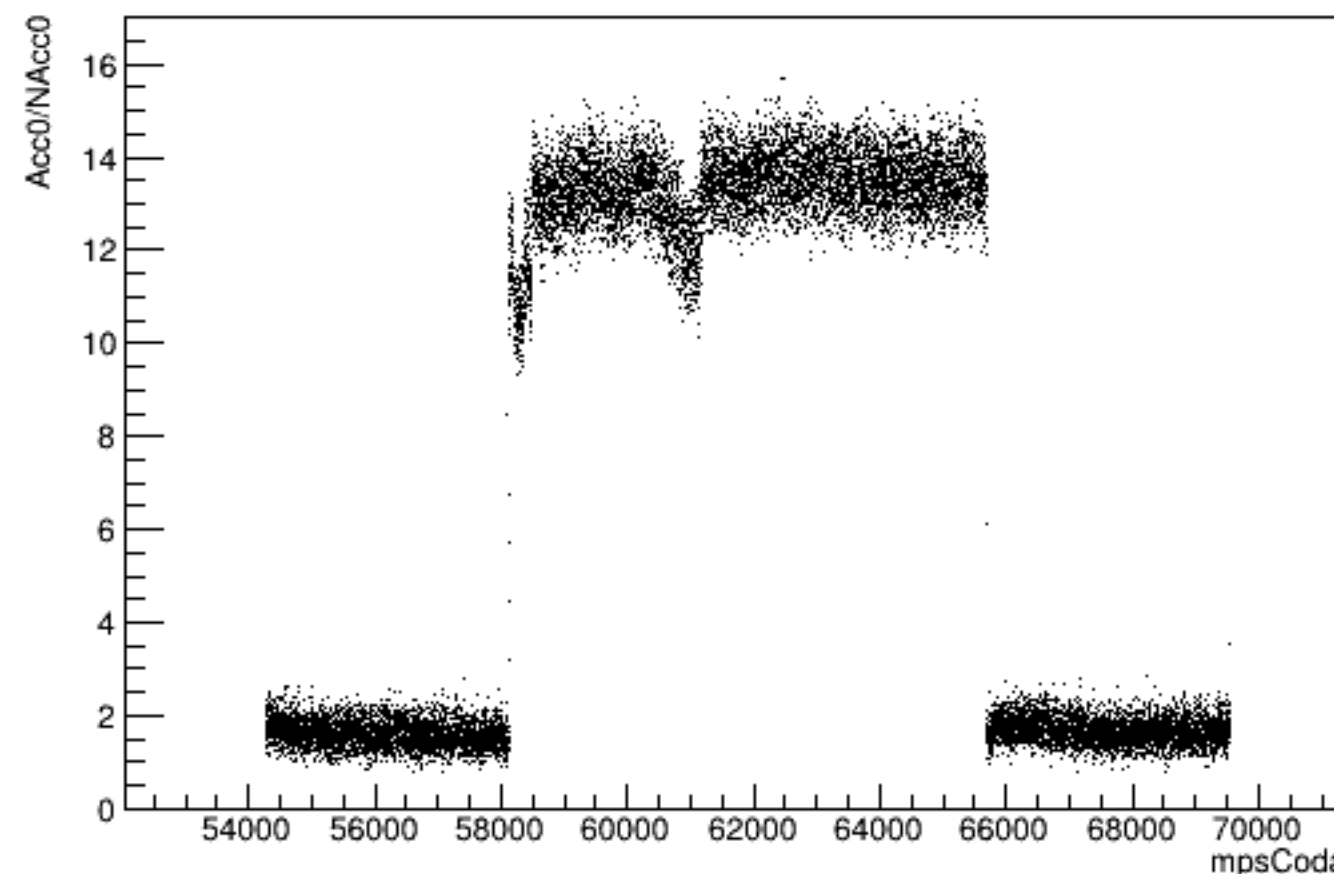
Cycle 5, Asyms

Entries: 459	Entries: 1890	Entries: 453
Mean: 0.0005 +/- 0.0005	Mean: -0.0313 +/- 0.0004	Mean: 0.0007 +/- 0.0006
Std Dev: 0.0112 +/- 0.0004	Std Dev: 0.0196 +/- 0.0003	Std Dev: 0.0119 +/- 0.0004

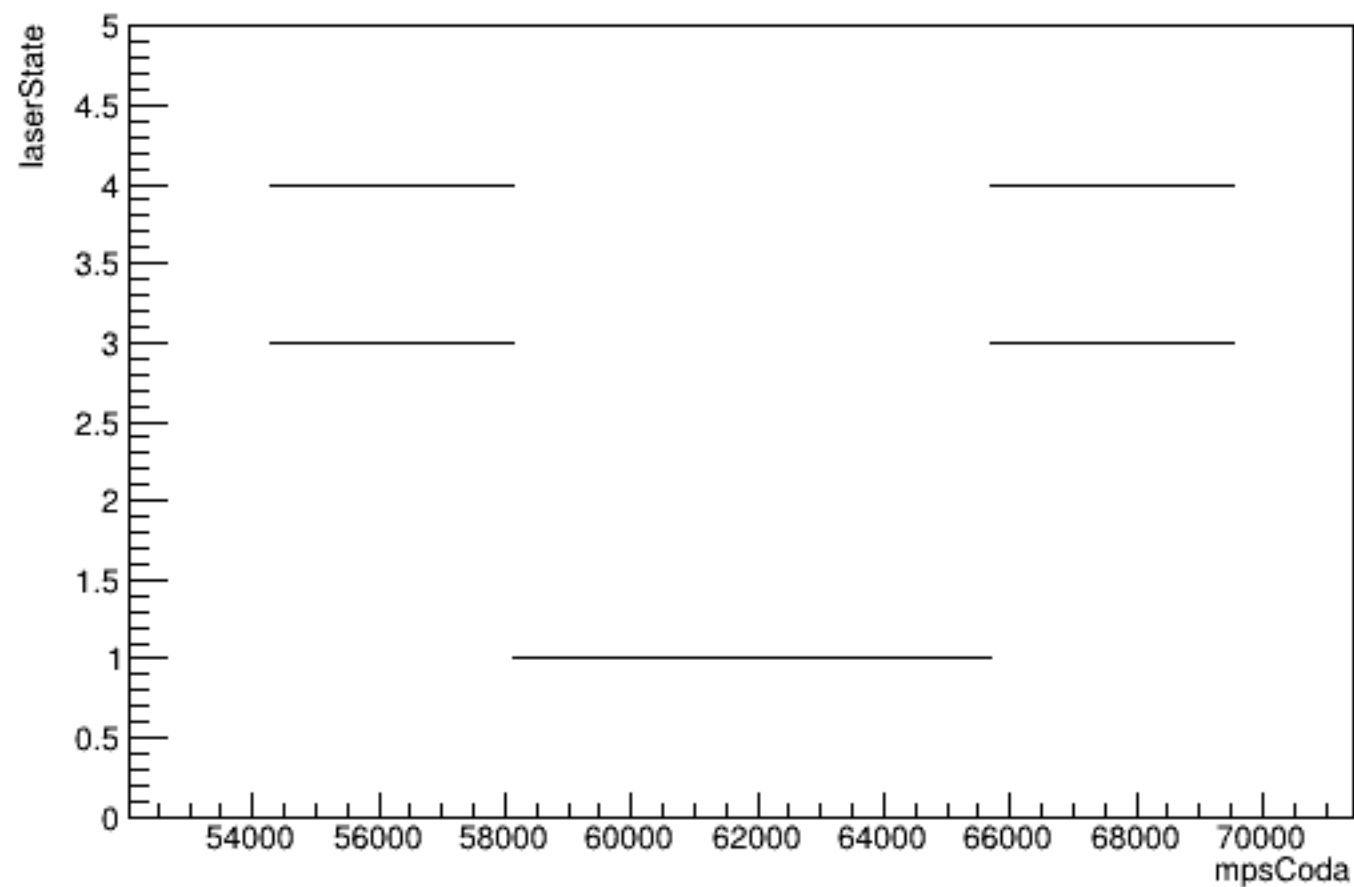
Run 5777 quartetwise, Asyms



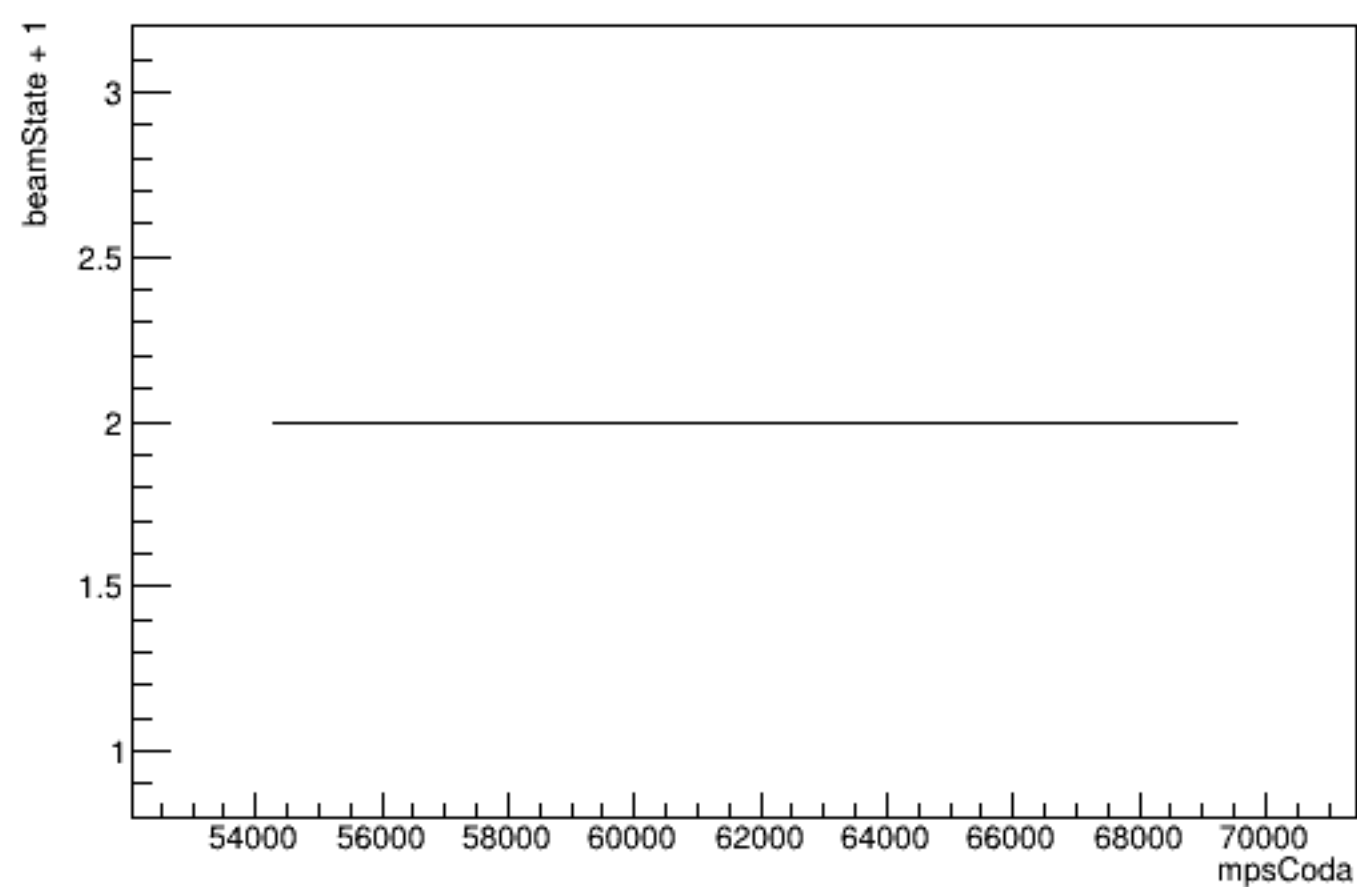
Acc0/NAcc0:mpsCoda {mpsCoda>=54262 && mpsCoda<=69533 && beamState==1}



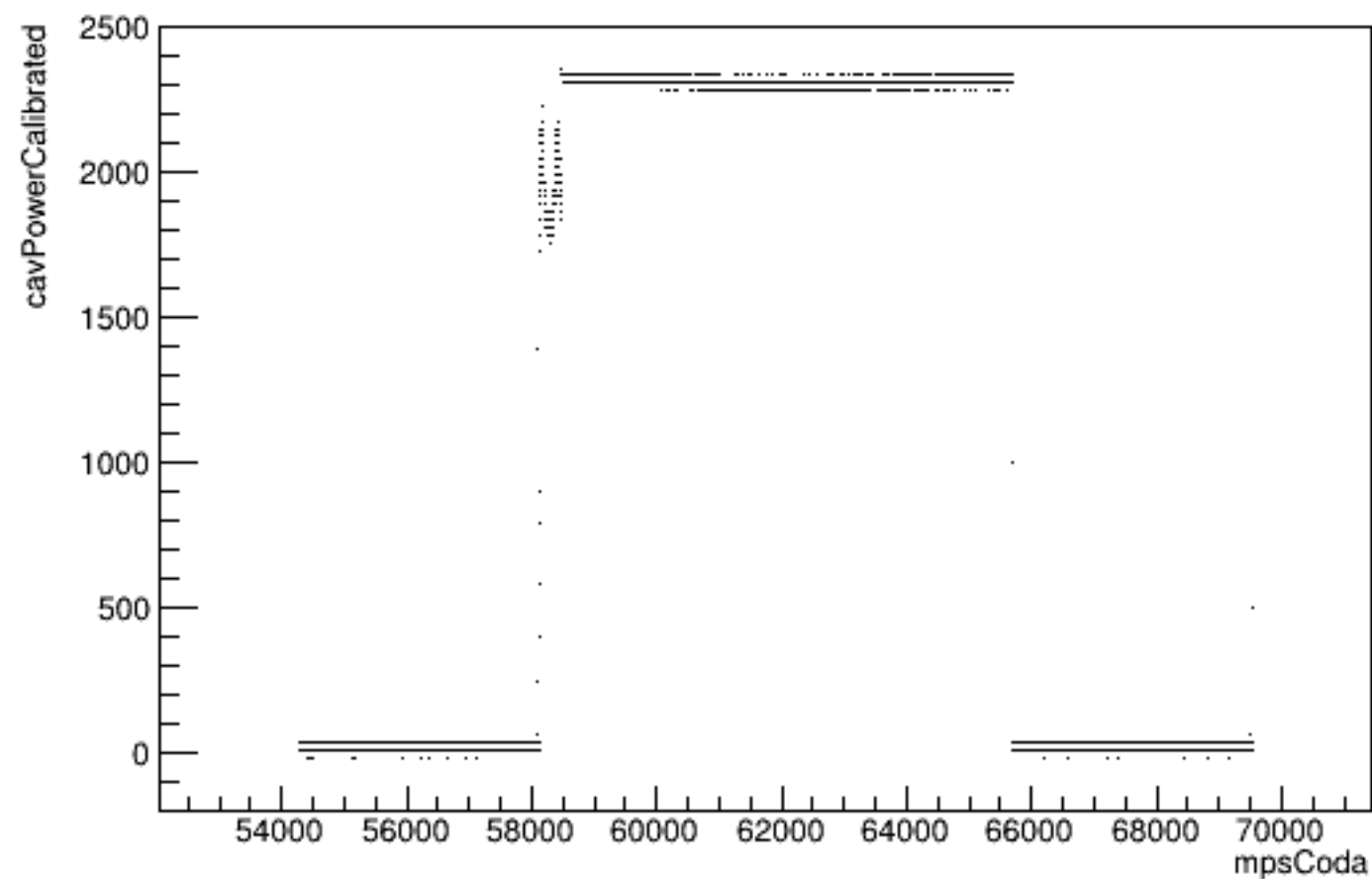
laserState:mpsCoda {mpsCoda>=54262 && mpsCoda<=69533}



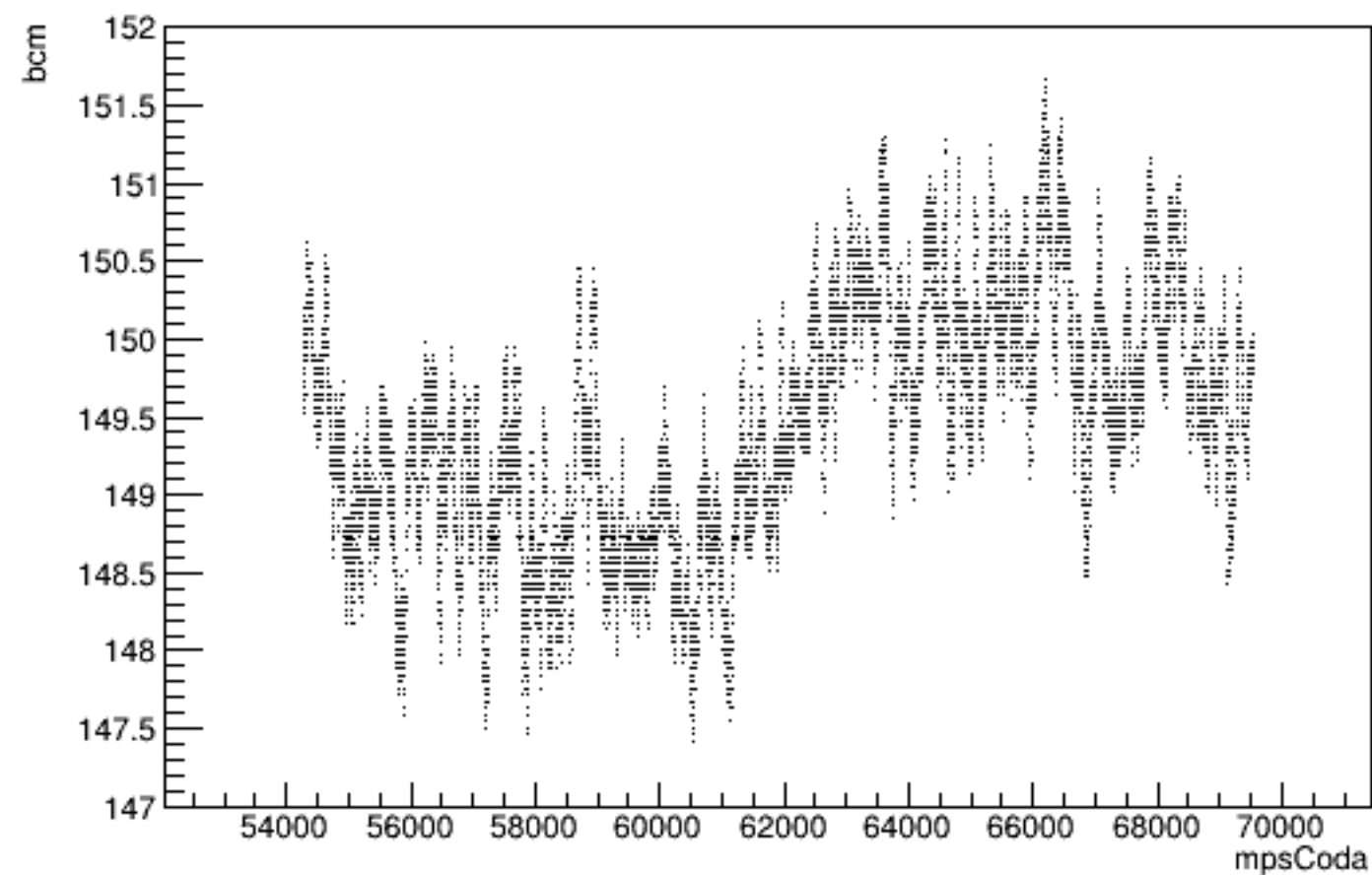
beamState + 1:mpsCoda {mpsCoda>=54262 && mpsCoda<=69533}



cavPowerCalibrated:mpsCoda {mpsCoda>=54262 && mpsCoda<=69533}



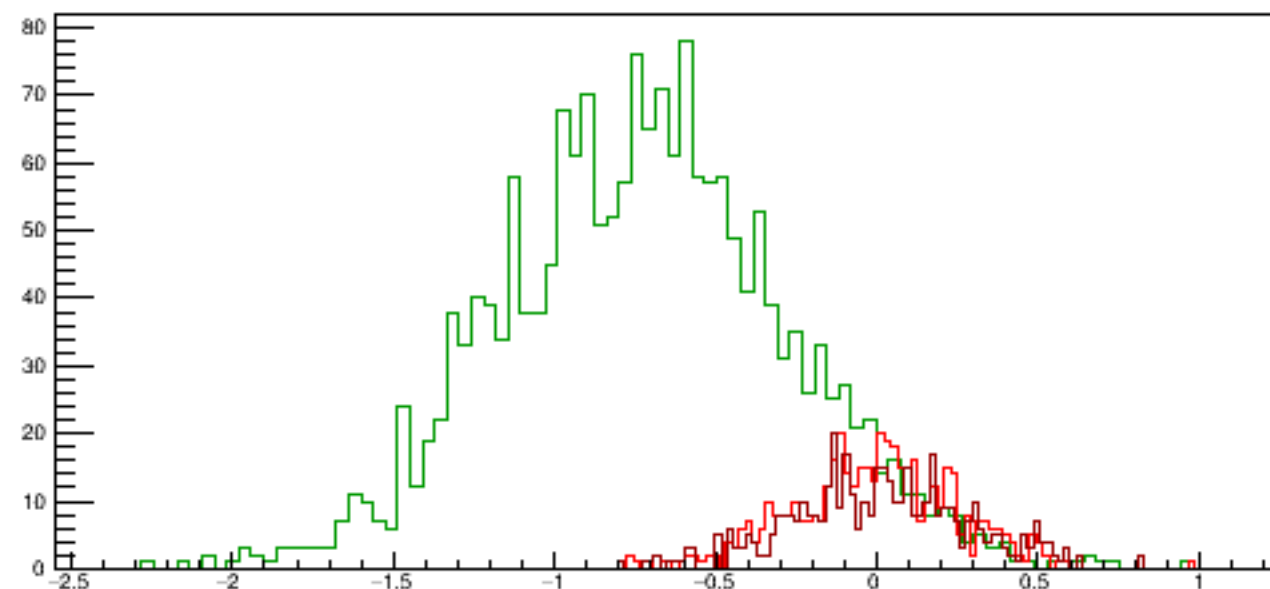
bcm:mpsCoda {mpsCoda>=54262 && mpsCoda<=69533}



Cycle 6, Diffs

Entries: 474	Entries: 1895	Entries: 439
Mean: -0.0127 +/- 0.0118	Mean: -0.7229 +/- 0.0102	Mean: 0.0067 +/- 0.0133
Std Dev: 0.2572 +/- 0.0084	Std Dev: 0.4450 +/- 0.0072	Std Dev: 0.2786 +/- 0.0094

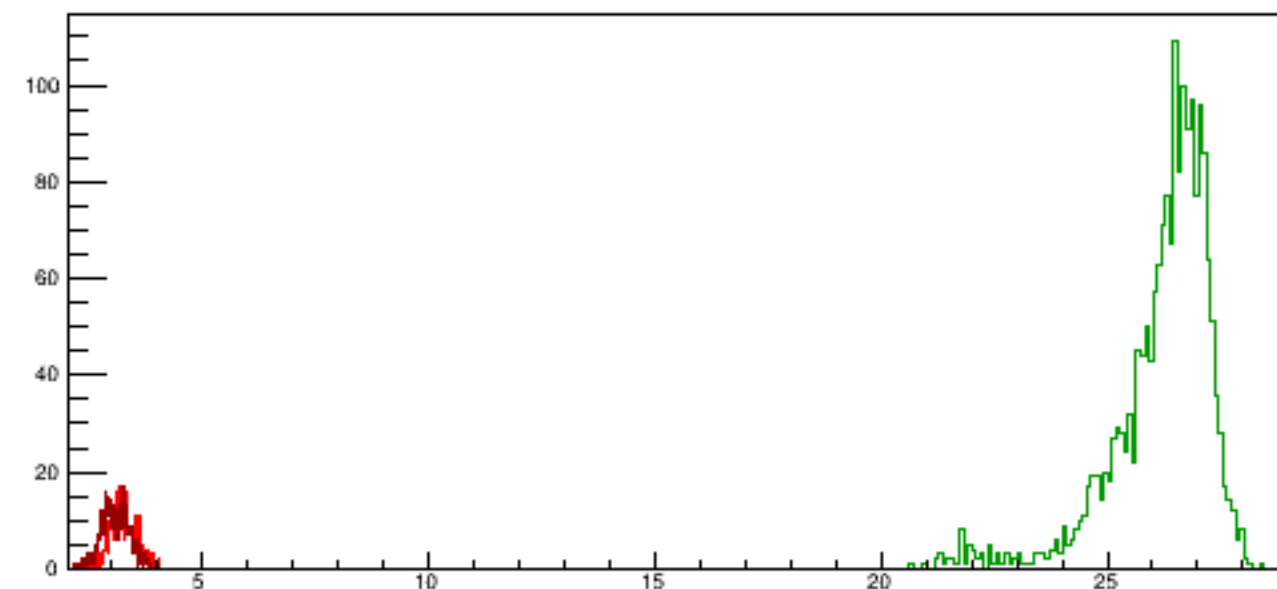
Run 5777 quartetwise, Diffs



Cycle 6, Sums

Entries: 474	Entries: 1895	Entries: 439
Mean: 3.2636 +/- 0.0128	Mean: 26.2154 +/- 0.0256	Mean: 3.0924 +/- 0.0145
Std Dev: 0.2779 +/- 0.0090	Std Dev: 1.1161 +/- 0.0181	Std Dev: 0.3043 +/- 0.0103

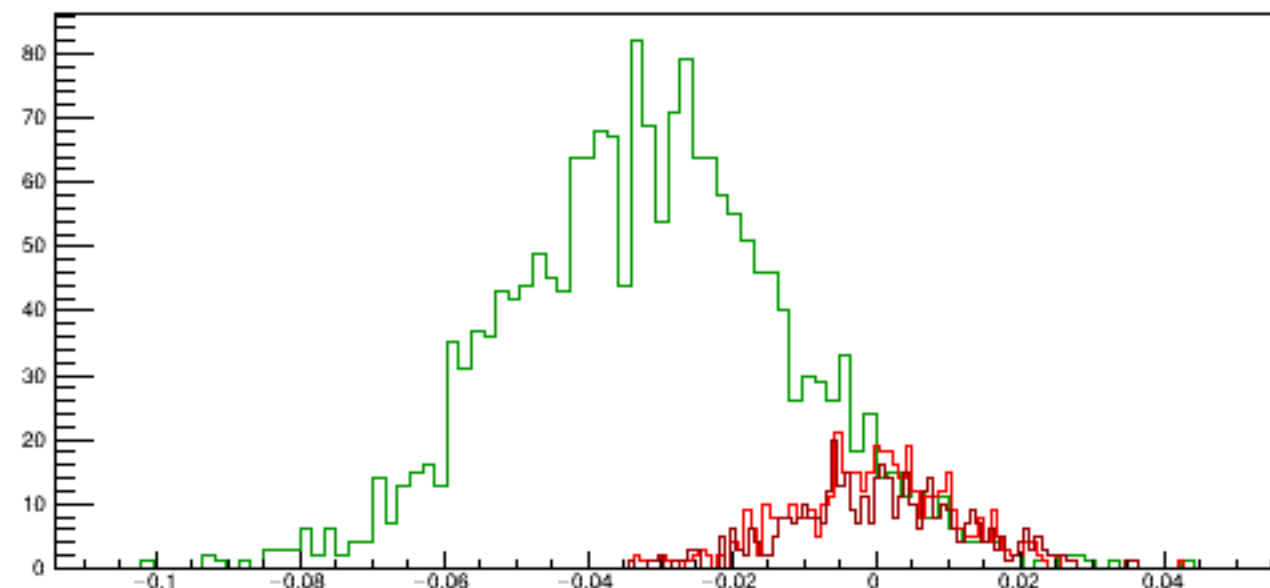
Run 5777 quartetwise, Sums



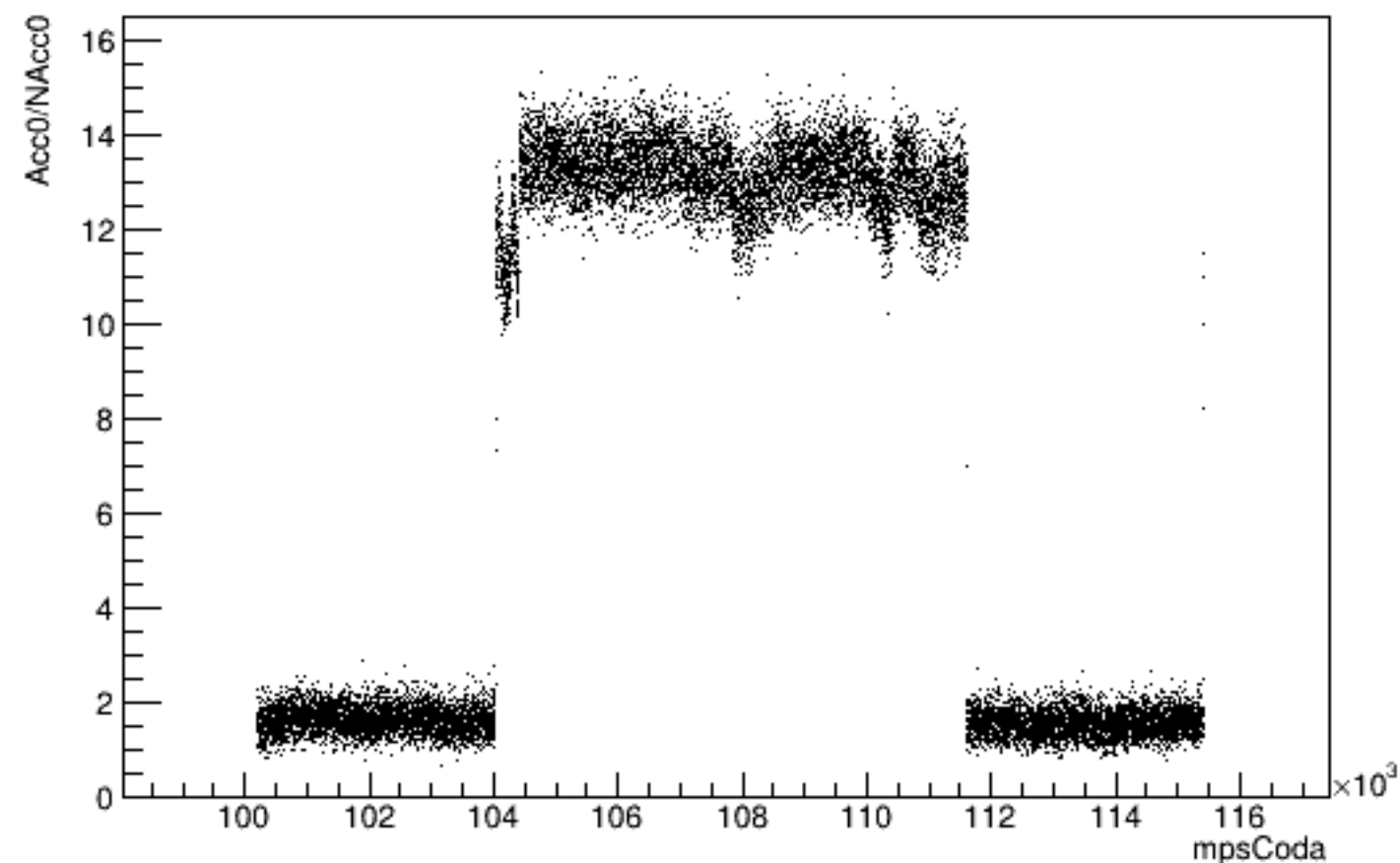
Cycle 6, Asyms

Entries: 474	Entries: 1895	Entries: 439
Mean: -0.0006 +/- 0.0005	Mean: -0.0314 +/- 0.0004	Mean: 0.0003 +/- 0.0006
Std Dev: 0.0112 +/- 0.0004	Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0121 +/- 0.0004

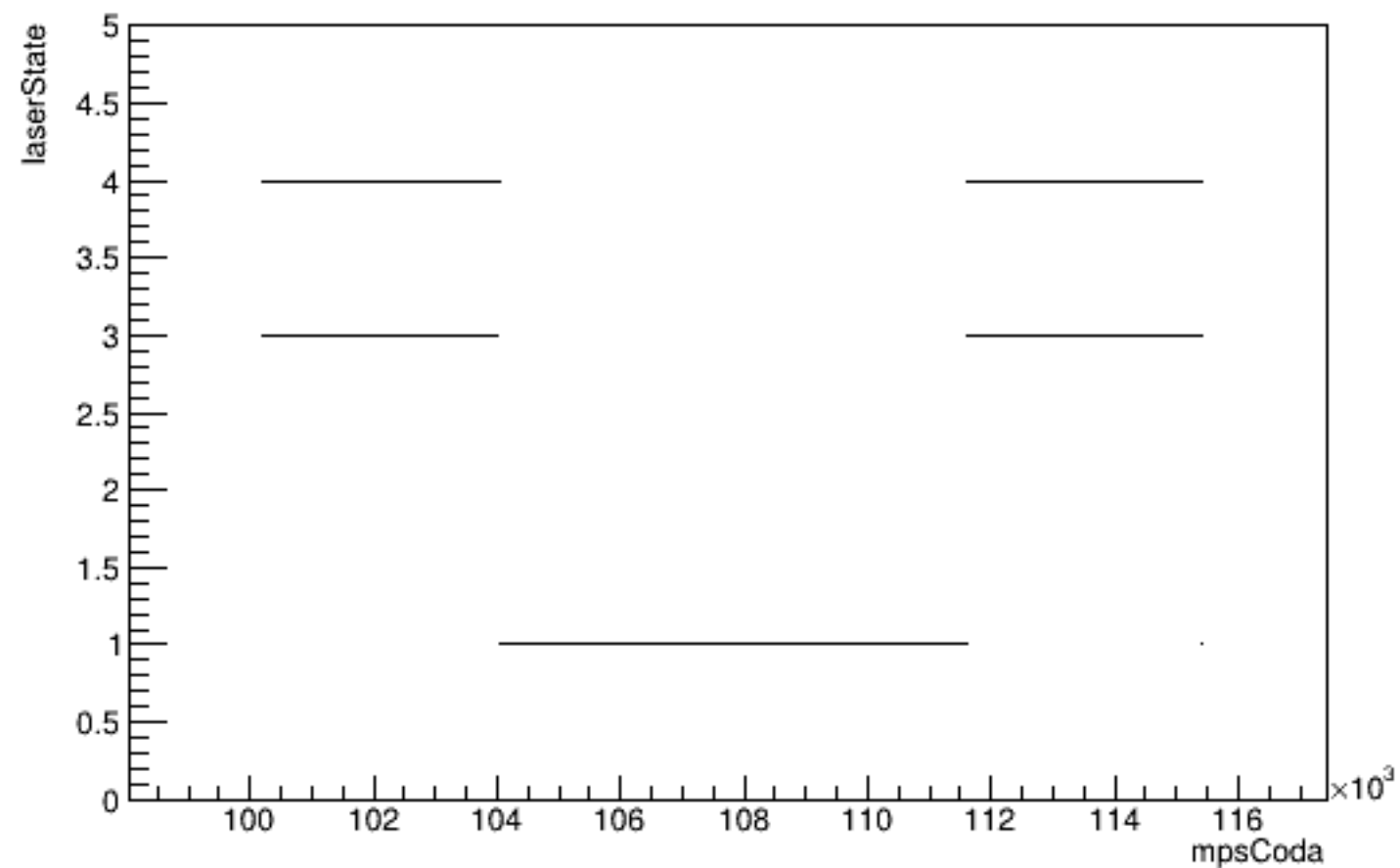
Run 5777 quartetwise, Asyms



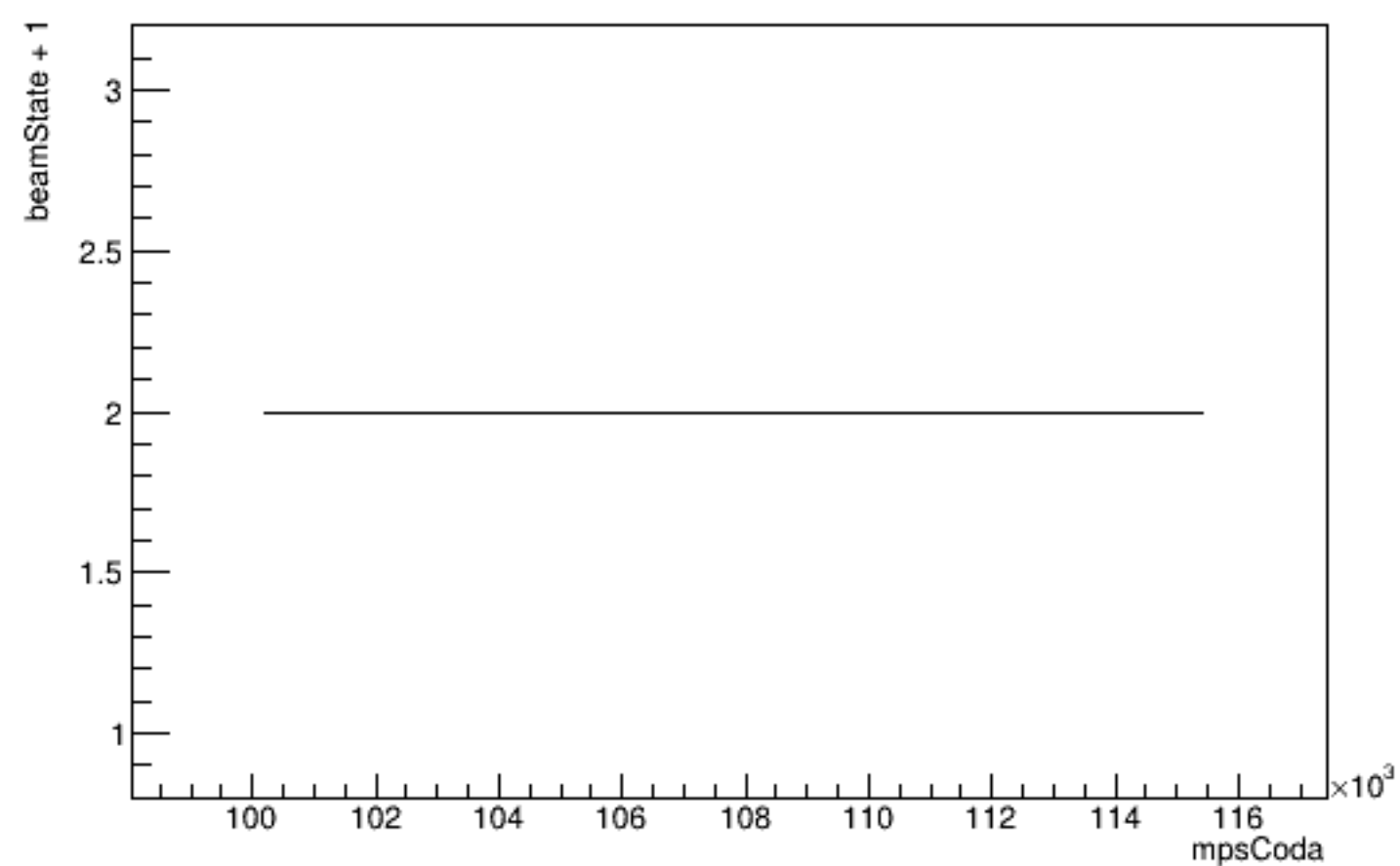
Acc0/NAcc0:mpsCoda (mpsCoda>=100202 && mpsCoda<=115409 && beamState==1)



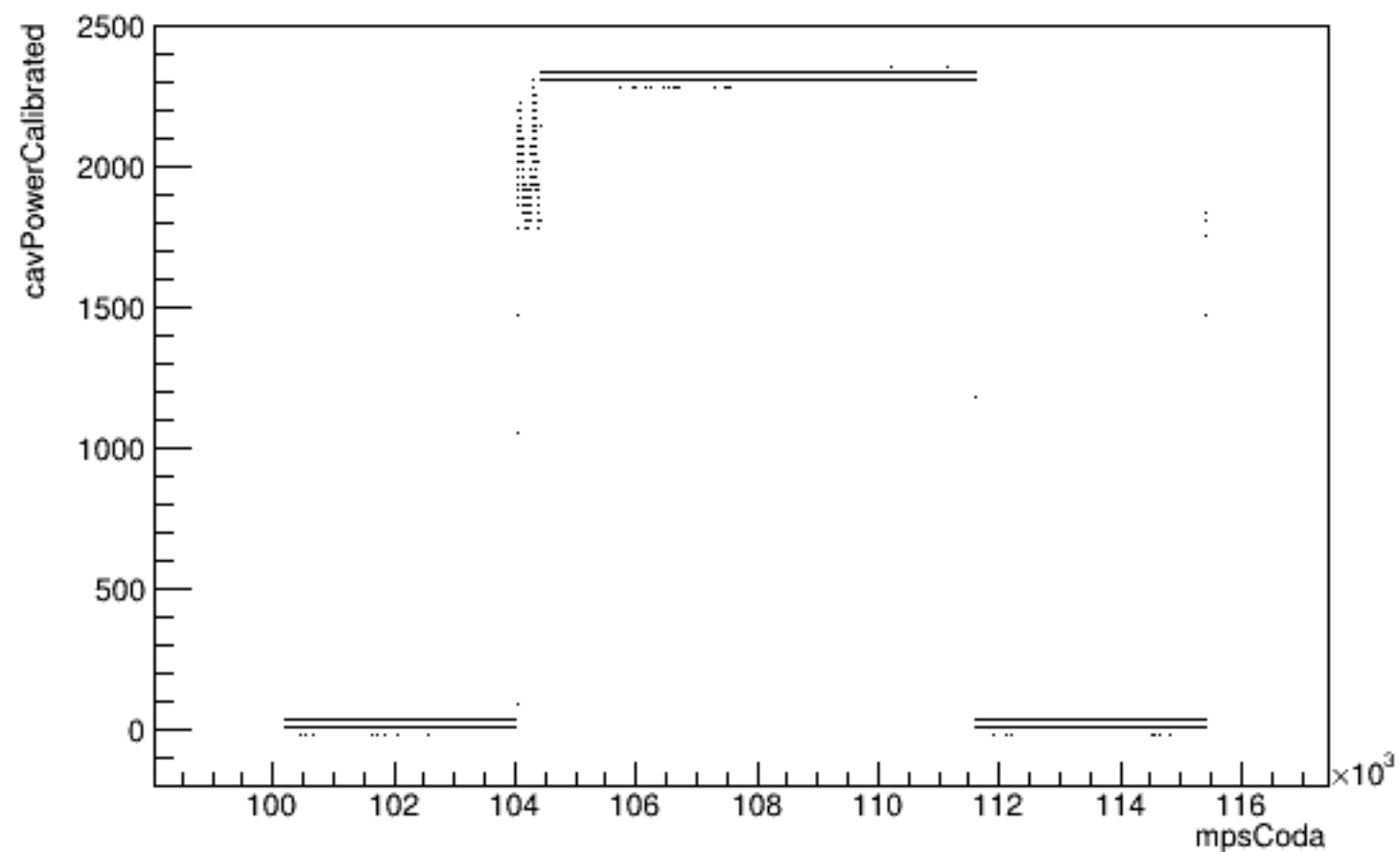
laserState:mpsCoda {mpsCoda>=100202 && mpsCoda<=115409}



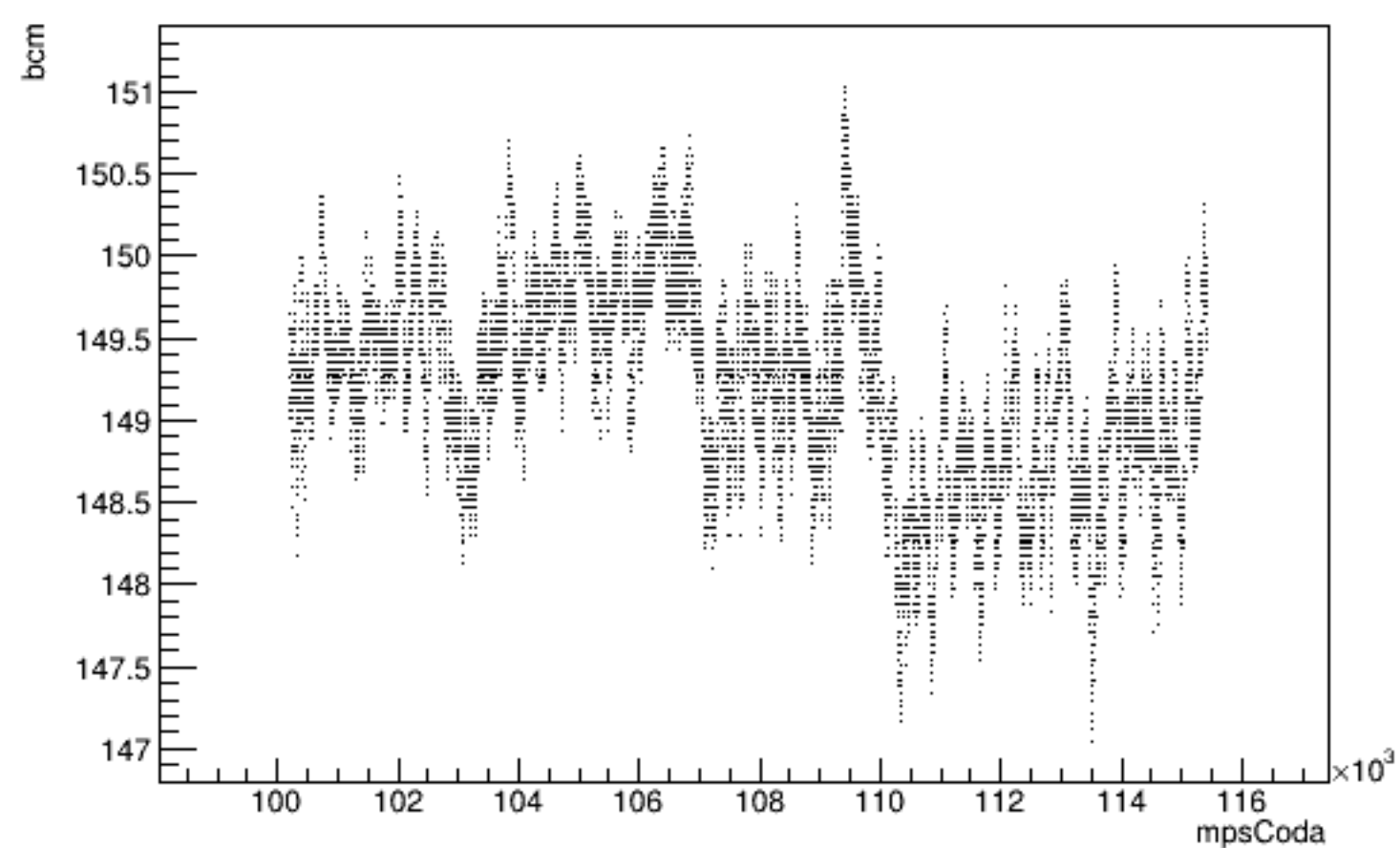
beamState + 1:mpsCoda {mpsCoda>=100202 && mpsCoda<=115409}



cavPowerCalibrated:mpsCoda {mpsCoda>=100202 && mpsCoda<=115409}



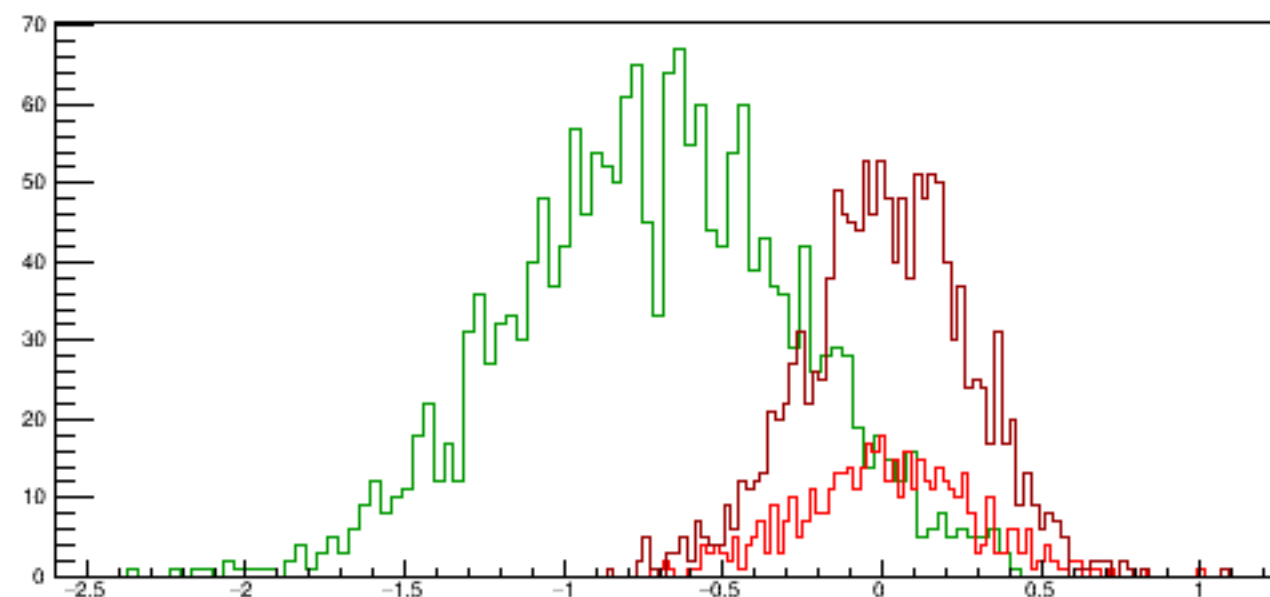
bcm:mpsCoda {mpsCoda>=100202 && mpsCoda<=115409}



Cycle 7, Diffs

Entries: 477	Entries: 1911	Entries: 1382
Mean: 0.0071 +/- 0.0125	Mean: -0.7195 +/- 0.0101	Mean: 0.0143 +/- 0.0070
Std Dev: 0.2741 +/- 0.0089	Std Dev: 0.4420 +/- 0.0072	Std Dev: 0.2621 +/- 0.0050

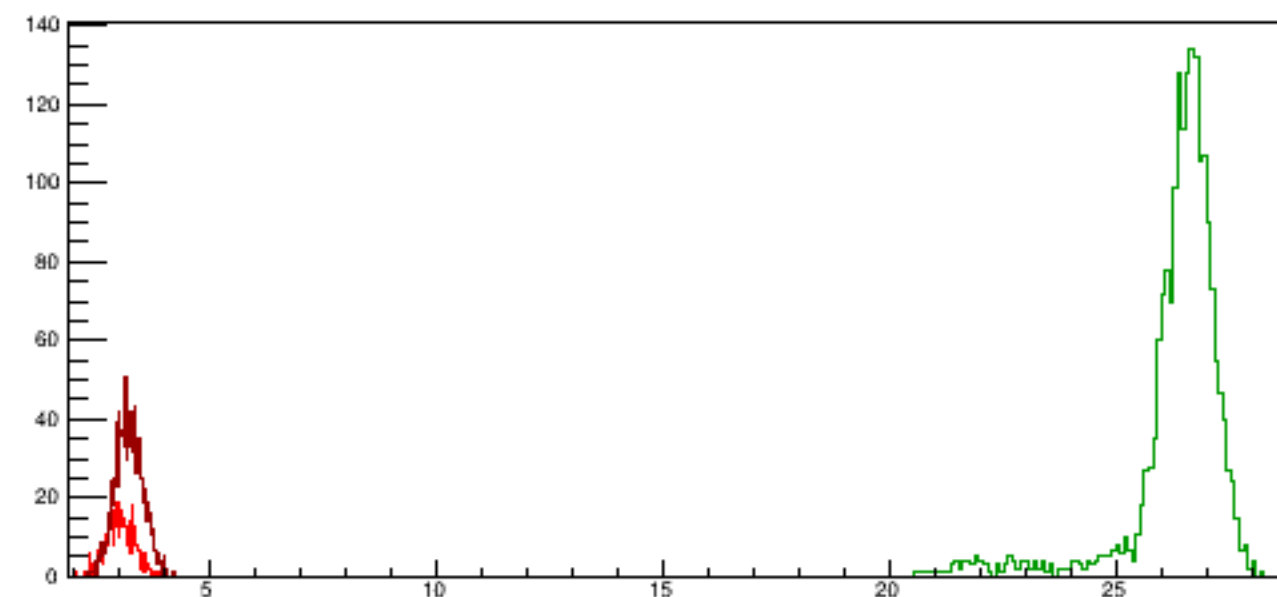
Run 5777 quartetwise, Diffs



Cycle 7, Sums

Entries: 477	Entries: 1911	Entries: 1382
Mean: 3.0548 +/- 0.0144	Mean: 26.3494 +/- 0.0247	Mean: 3.2478 +/- 0.0083
Std Dev: 0.3141 +/- 0.0102	Std Dev: 1.0784 +/- 0.0174	Std Dev: 0.3082 +/- 0.0059

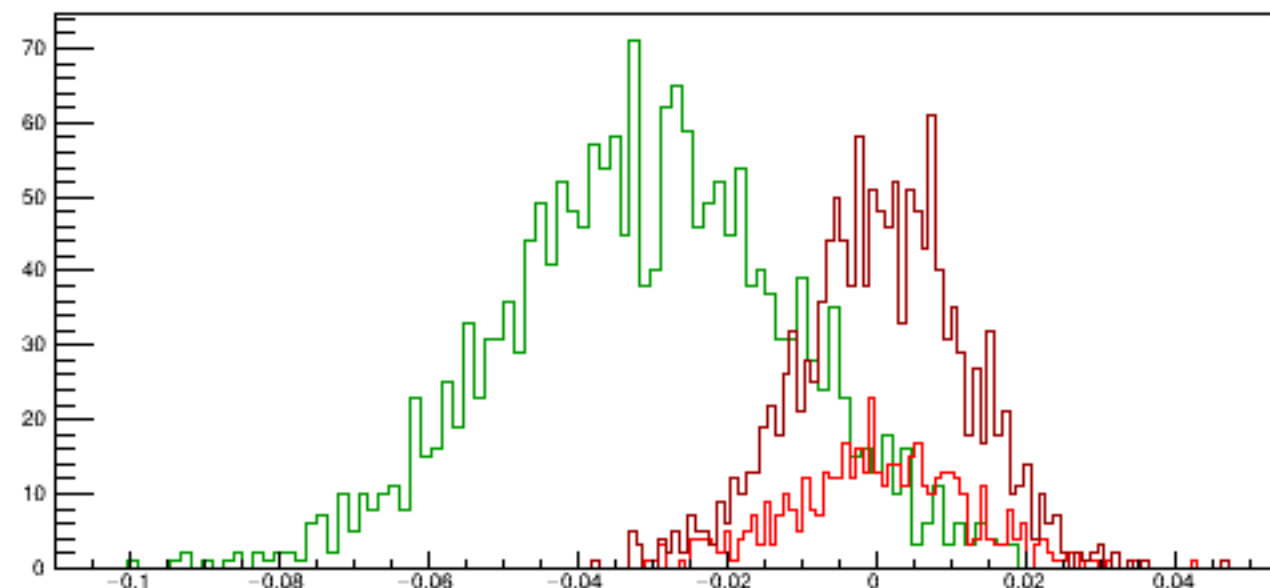
Run 5777 quartetwise, Sums



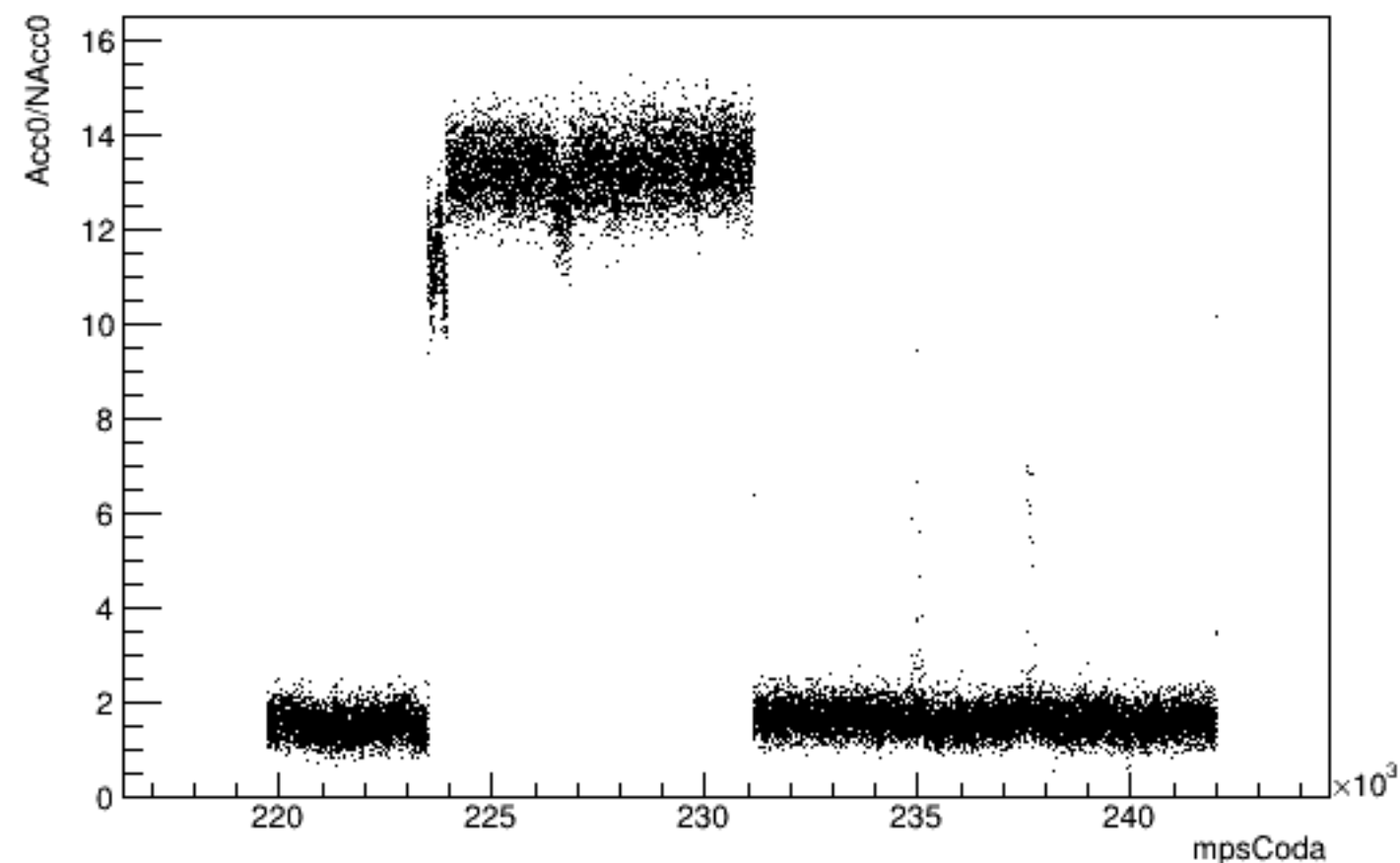
Cycle 7, Asyms

Entries: 477	Entries: 1911	Entries: 1382
Mean: 0.0003 +/- 0.0005	Mean: -0.0310 +/- 0.0004	Mean: 0.0006 +/- 0.0003
Std Dev: 0.0118 +/- 0.0004	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0113 +/- 0.0002

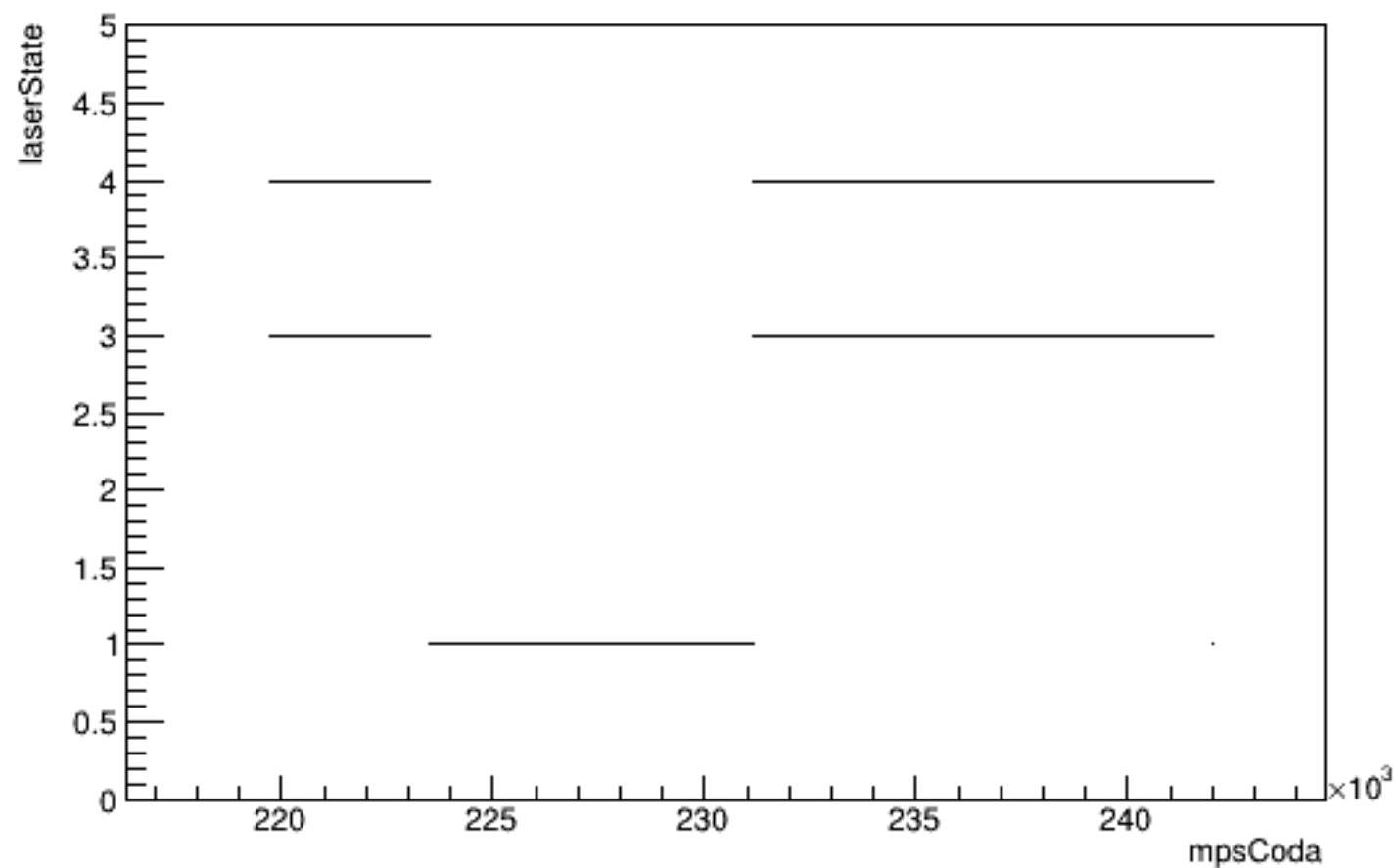
Run 5777 quartetwise, Asyms



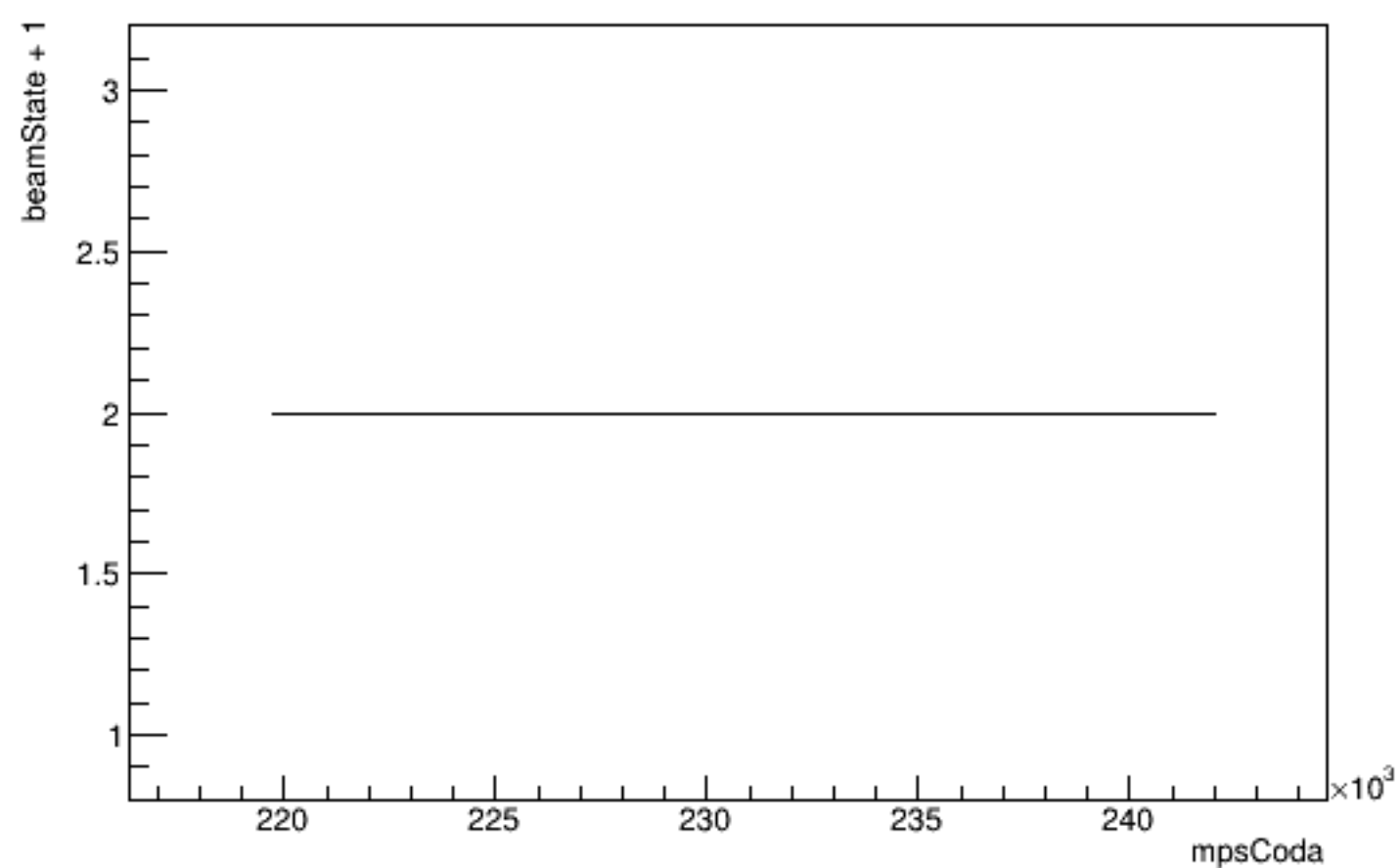
Acc0/NAcc0:mpsCoda (mpsCoda>=219710 && mpsCoda<=242005 && beamState==1)



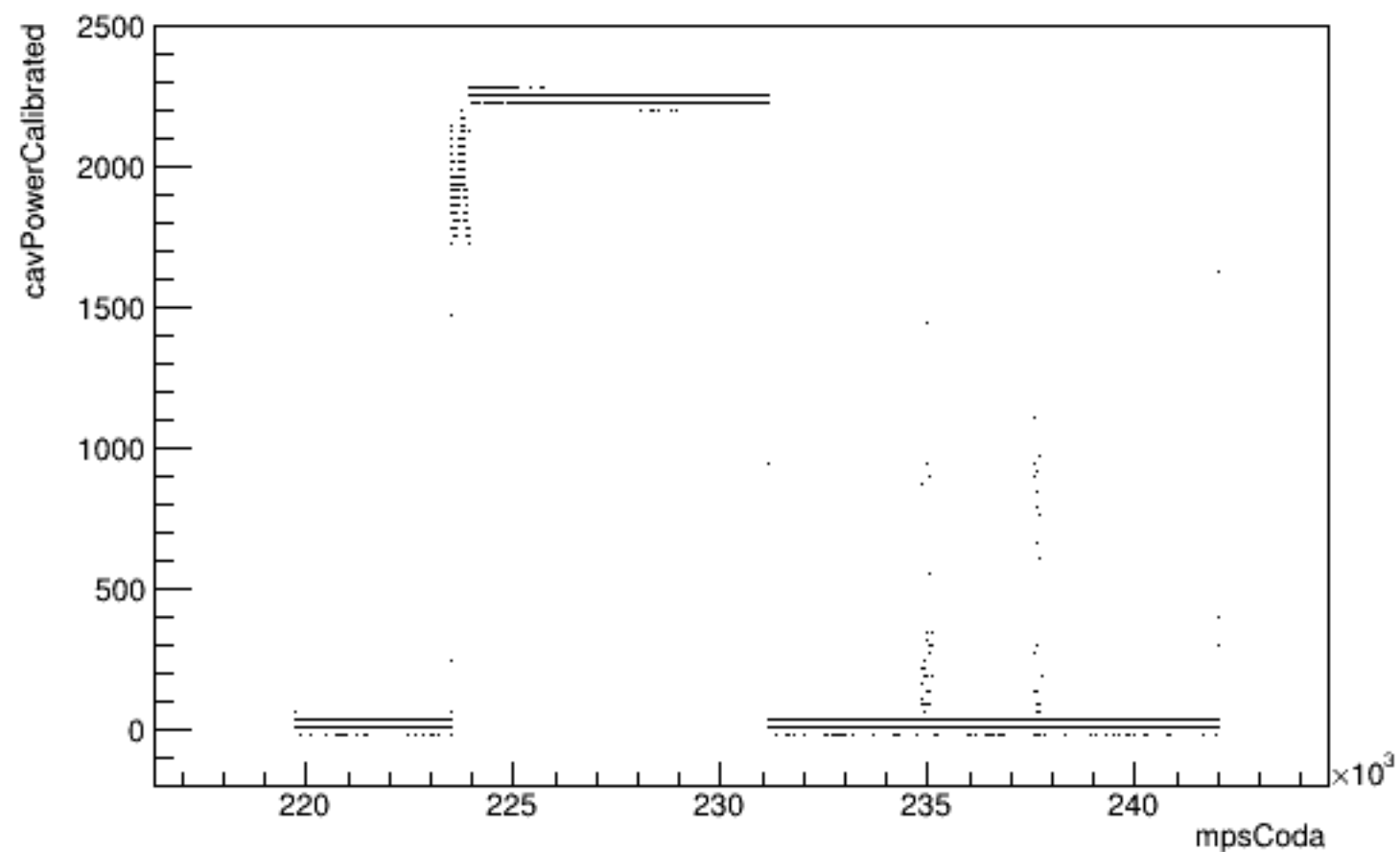
laserState:mpsCoda {mpsCoda>=219710 && mpsCoda<=242005}



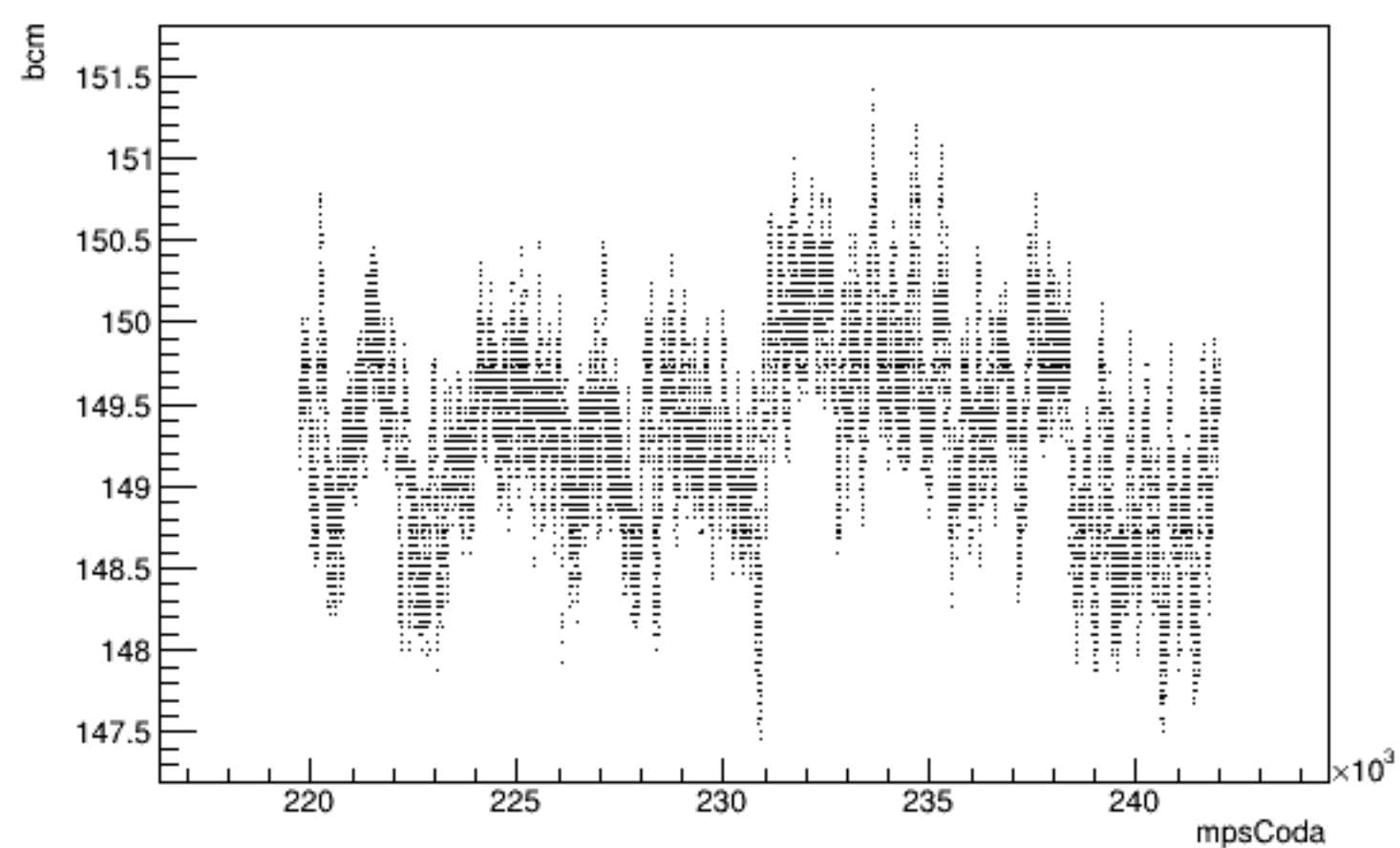
beamState + 1:mpsCoda {mpsCoda>=219710 && mpsCoda<=242005}



cavPowerCalibrated:mpsCoda {mpsCoda>=219710 && mpsCoda<=242005}



bcm:mpsCoda {mpsCoda>=219710 && mpsCoda<=242005}



Cycle 8, Diffs

Entries: 1382

Mean: 0.0143 +/- 0.0070

Std Dev: 0.2621 +/- 0.0050

Entries: 1894

Mean: -0.7283 +/- 0.0100

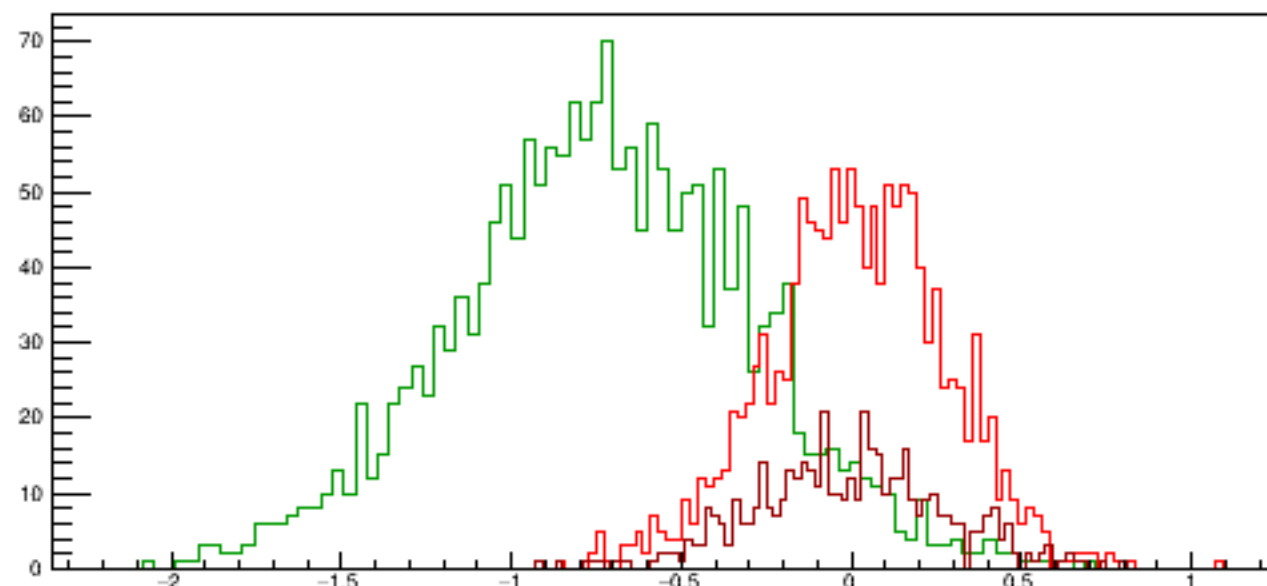
Std Dev: 0.4332 +/- 0.0070

Entries: 466

Mean: -0.0107 +/- 0.0130

Std Dev: 0.2796 +/- 0.0092

Run 5777 quartetwise, Diffs



Cycle 8, Sums

Entries: 1382

Mean: 3.2478 +/- 0.0083

Std Dev: 0.3082 +/- 0.0059

Entries: 1894

Mean: 26.4135 +/- 0.0238

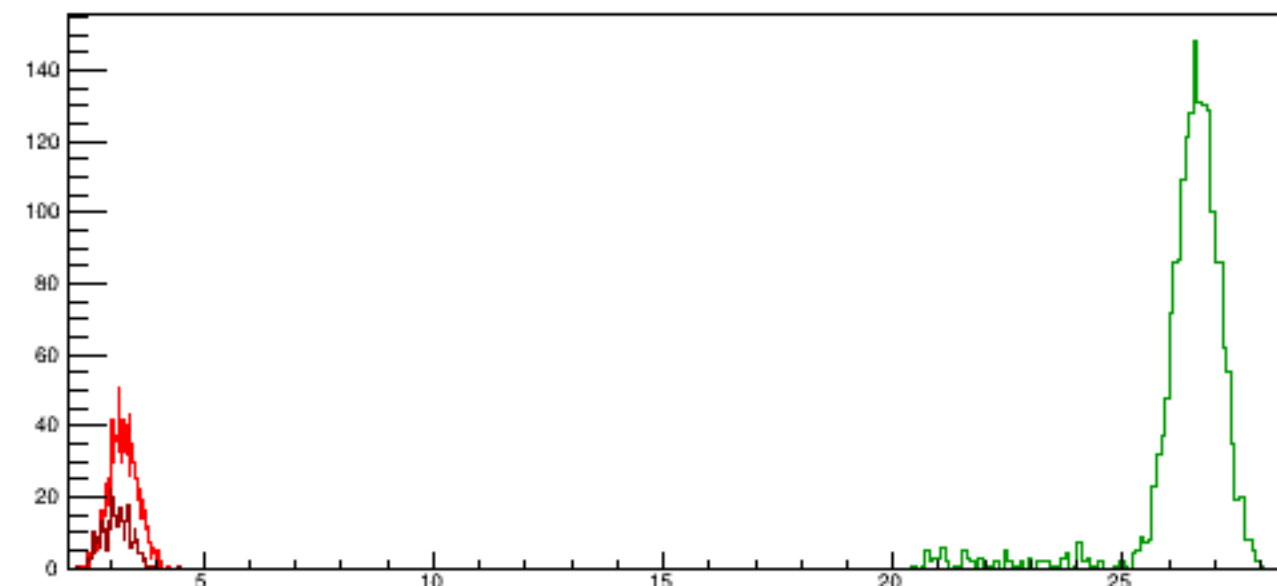
Std Dev: 1.0371 +/- 0.0169

Entries: 466

Mean: 3.1187 +/- 0.0139

Std Dev: 0.3009 +/- 0.0099

Run 5777 quartetwise, Sums



Cycle 8, Asyms

Entries: 1382

Mean: 0.0006 +/- 0.0003

Std Dev: 0.0113 +/- 0.0002

Entries: 1894

Mean: -0.0314 +/- 0.0004

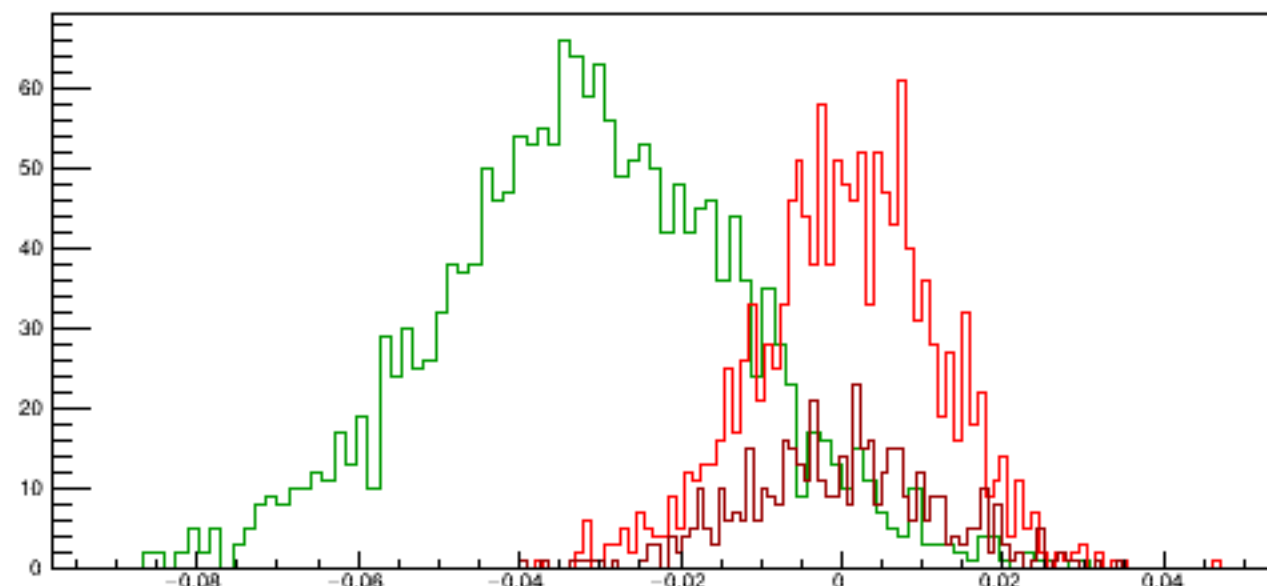
Std Dev: 0.0187 +/- 0.0003

Entries: 466

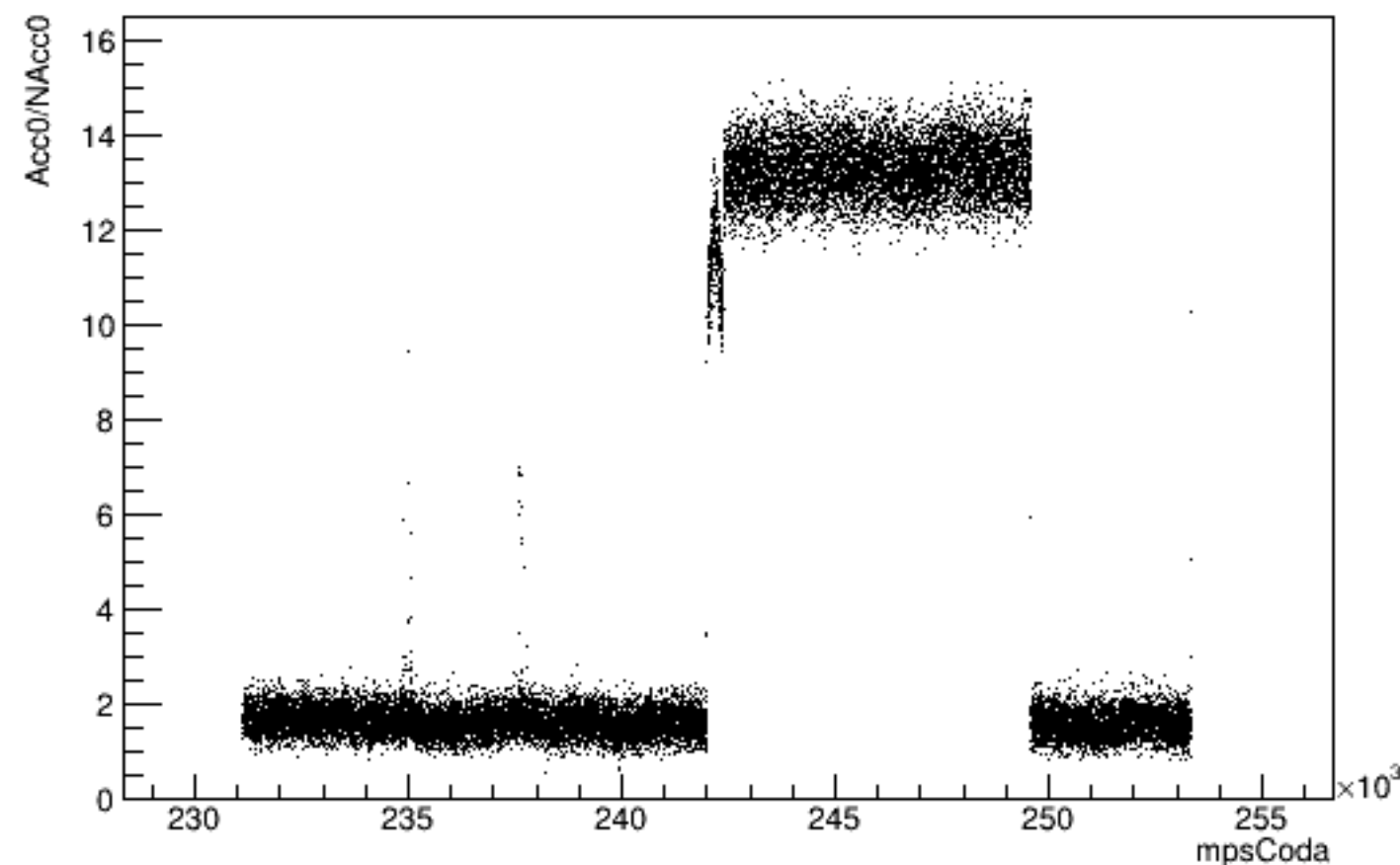
Mean: -0.0005 +/- 0.0006

Std Dev: 0.0120 +/- 0.0004

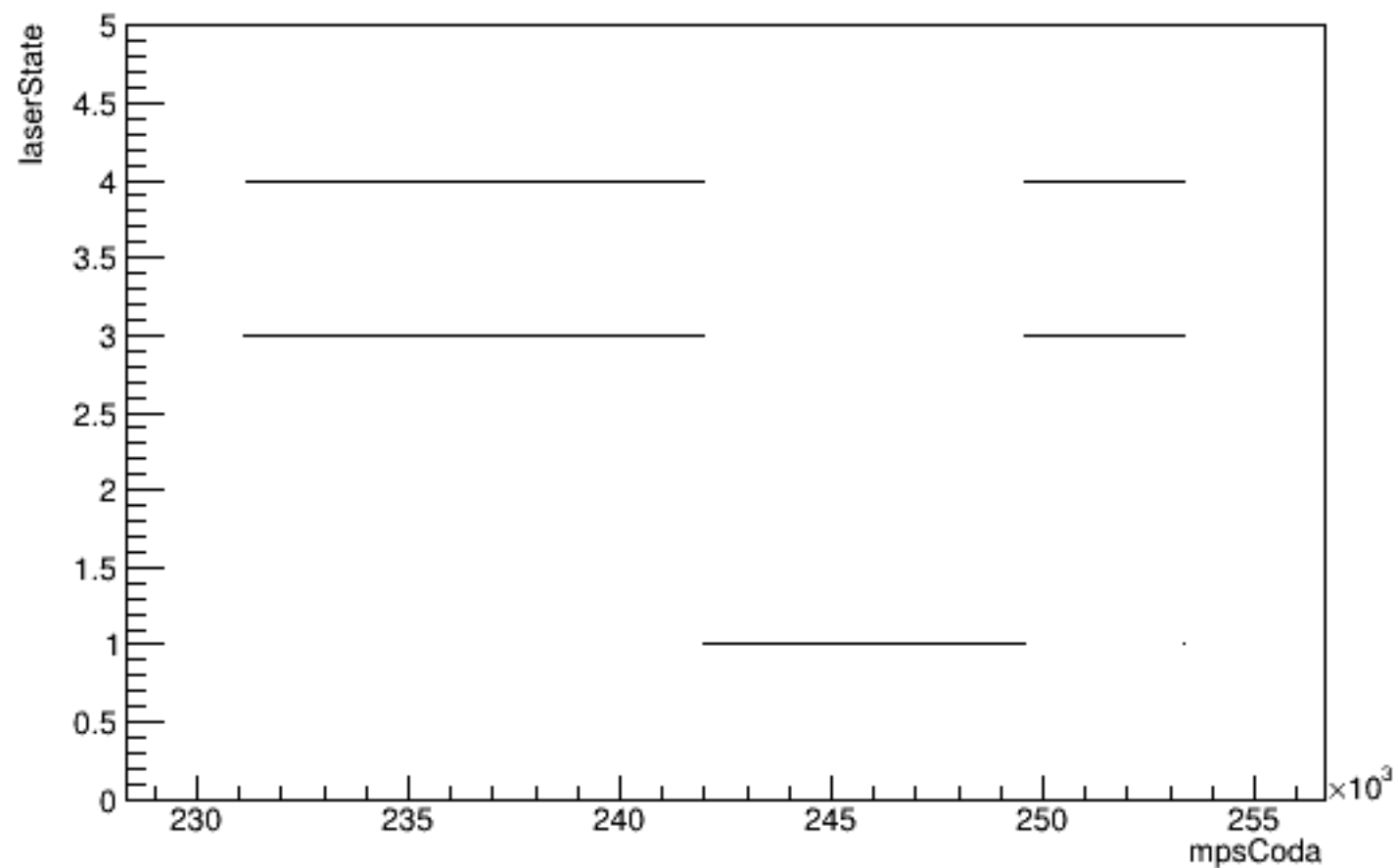
Run 5777 quartetwise, Asyms



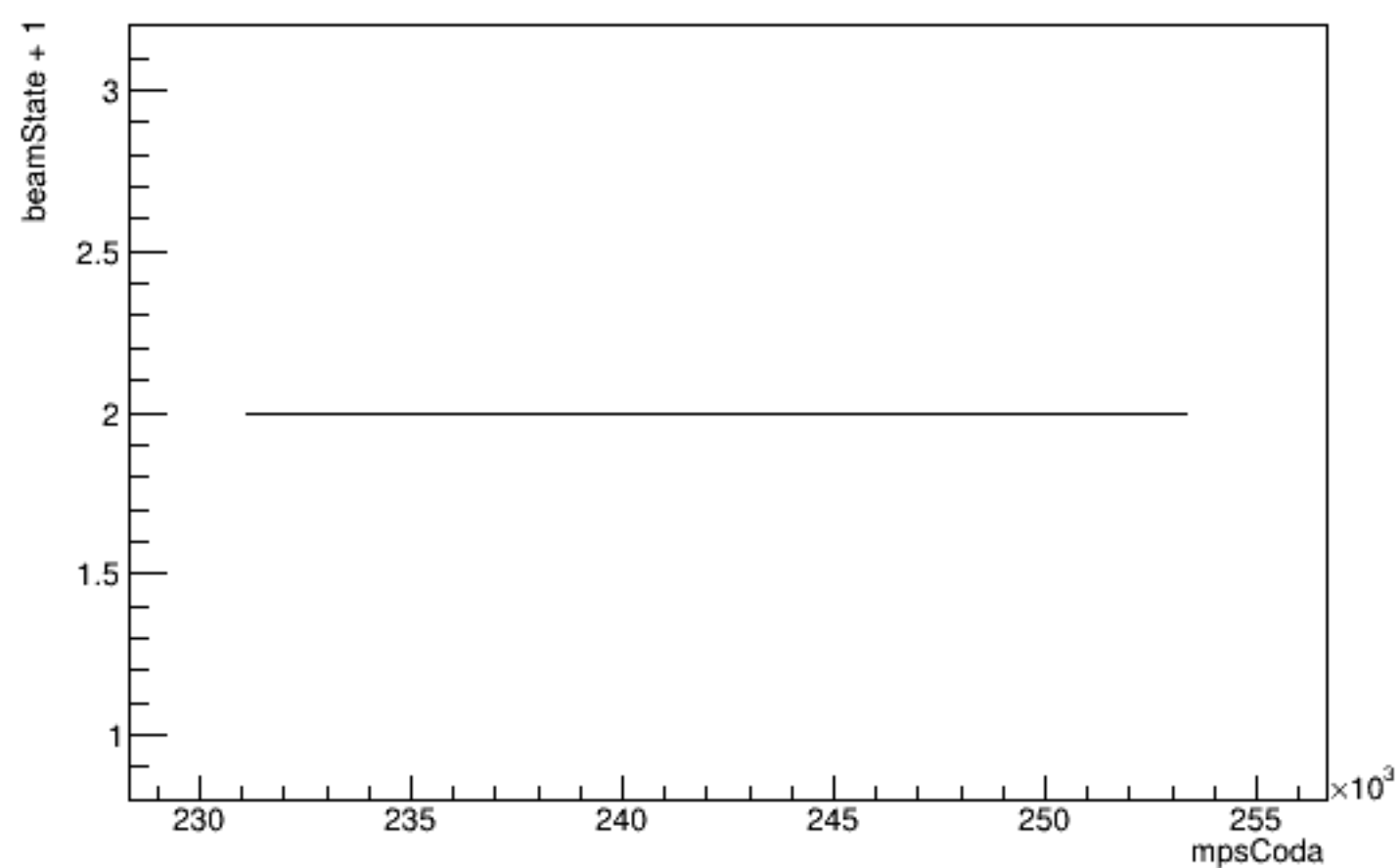
Acc0/NAcc0:mpsCoda (mpsCoda>=231130 && mpsCoda<=253329 && beamState==1)



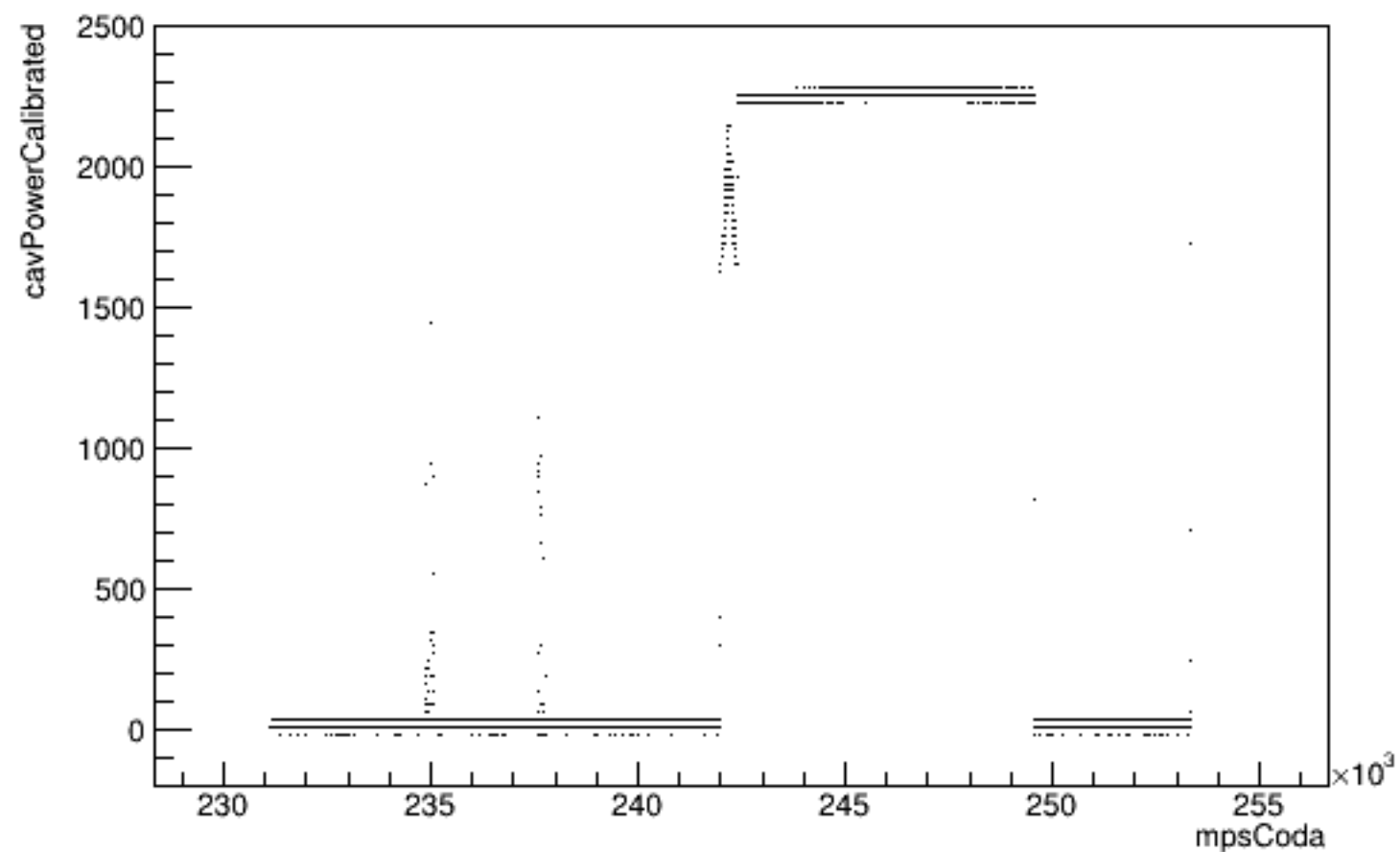
laserState:mpsCoda {mpsCoda>=231130 && mpsCoda<=253329}



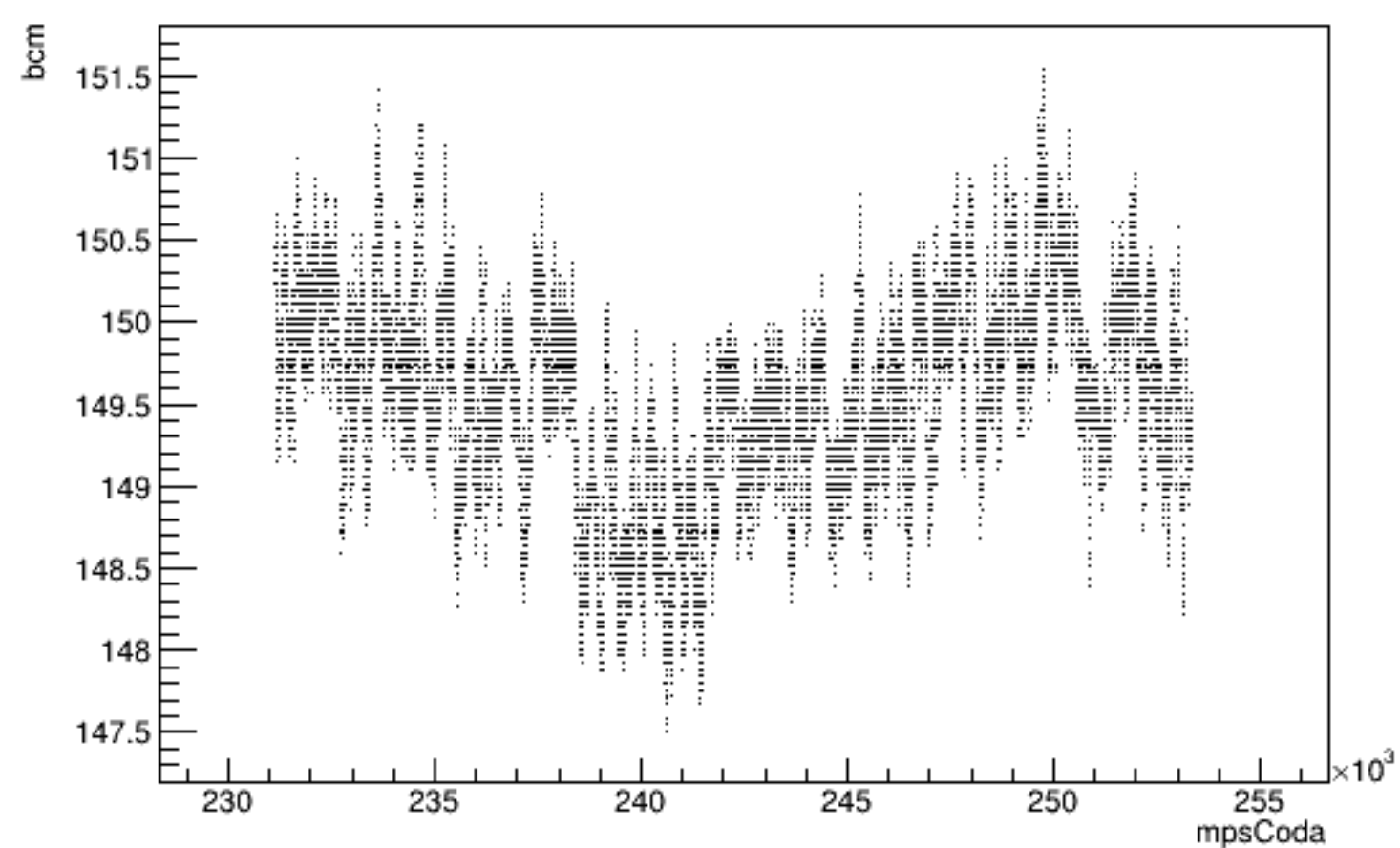
beamState + 1:mpsCoda {mpsCoda>=231130 && mpsCoda<=253329}



cavPowerCalibrated:mpsCoda {mpsCoda>=231130 && mpsCoda<=253329}



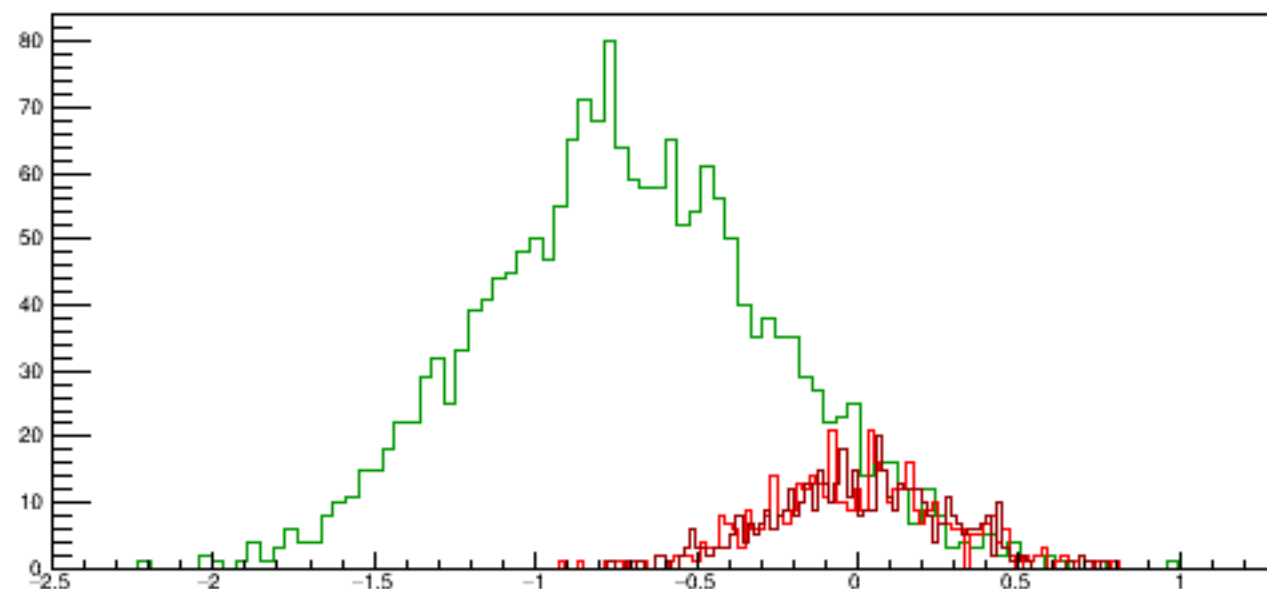
bcm:mpsCoda {mpsCoda>=231130 && mpsCoda<=253329}



Cycle 9, Diffs

Entries: 466	Entries: 1918	Entries: 494
Mean: -0.0107 +/- 0.0130	Mean: -0.7139 +/- 0.0104	Mean: -0.0016 +/- 0.0120
Std Dev: 0.2796 +/- 0.0092	Std Dev: 0.4534 +/- 0.0073	Std Dev: 0.2676 +/- 0.0085

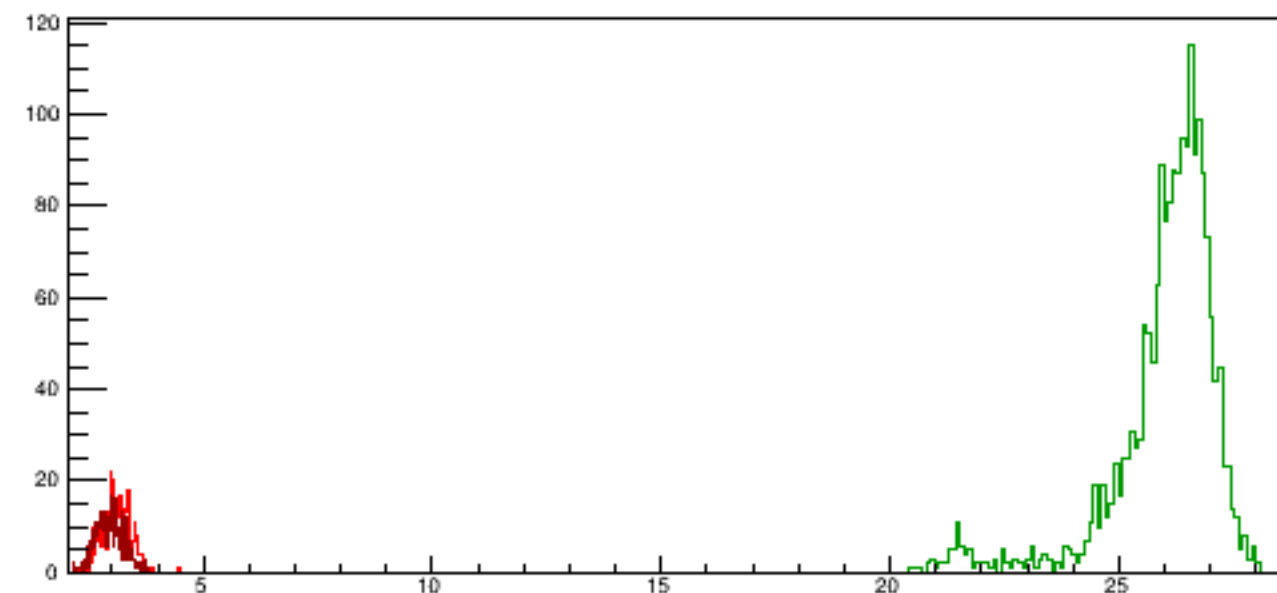
Run 5777 quartetwise, Diffs



Cycle 9, Sums

Entries: 466	Entries: 1918	Entries: 494
Mean: 3.1187 +/- 0.0139	Mean: 26.0115 +/- 0.0269	Mean: 2.9557 +/- 0.0138
Std Dev: 0.3009 +/- 0.0099	Std Dev: 1.1786 +/- 0.0190	Std Dev: 0.3069 +/- 0.0098

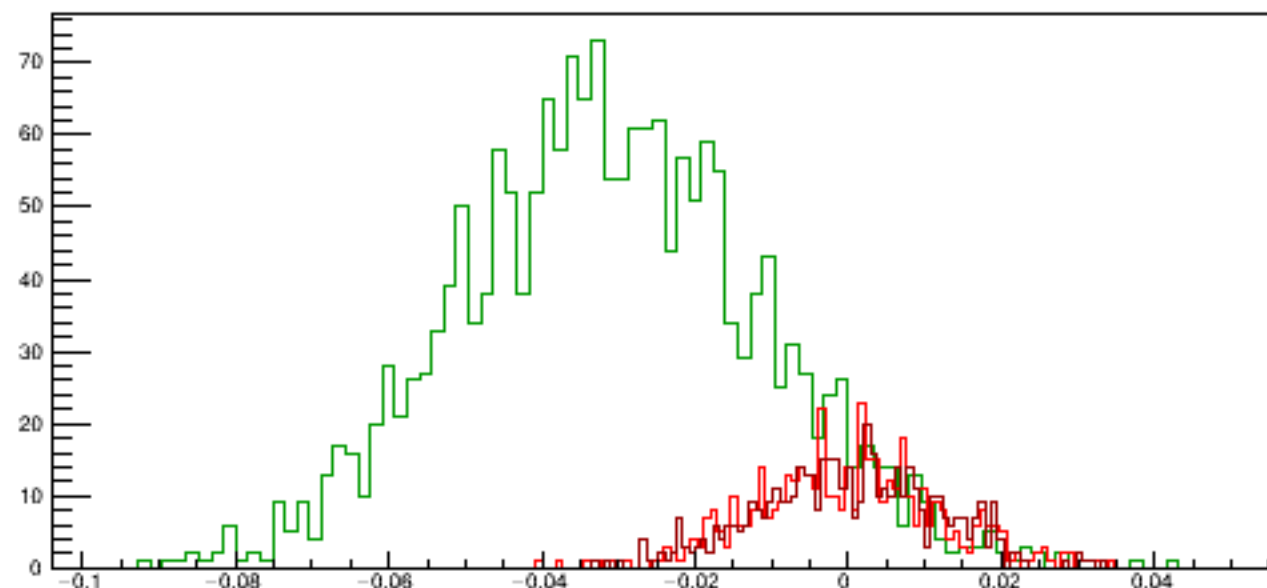
Run 5777 quartetwise, Sums



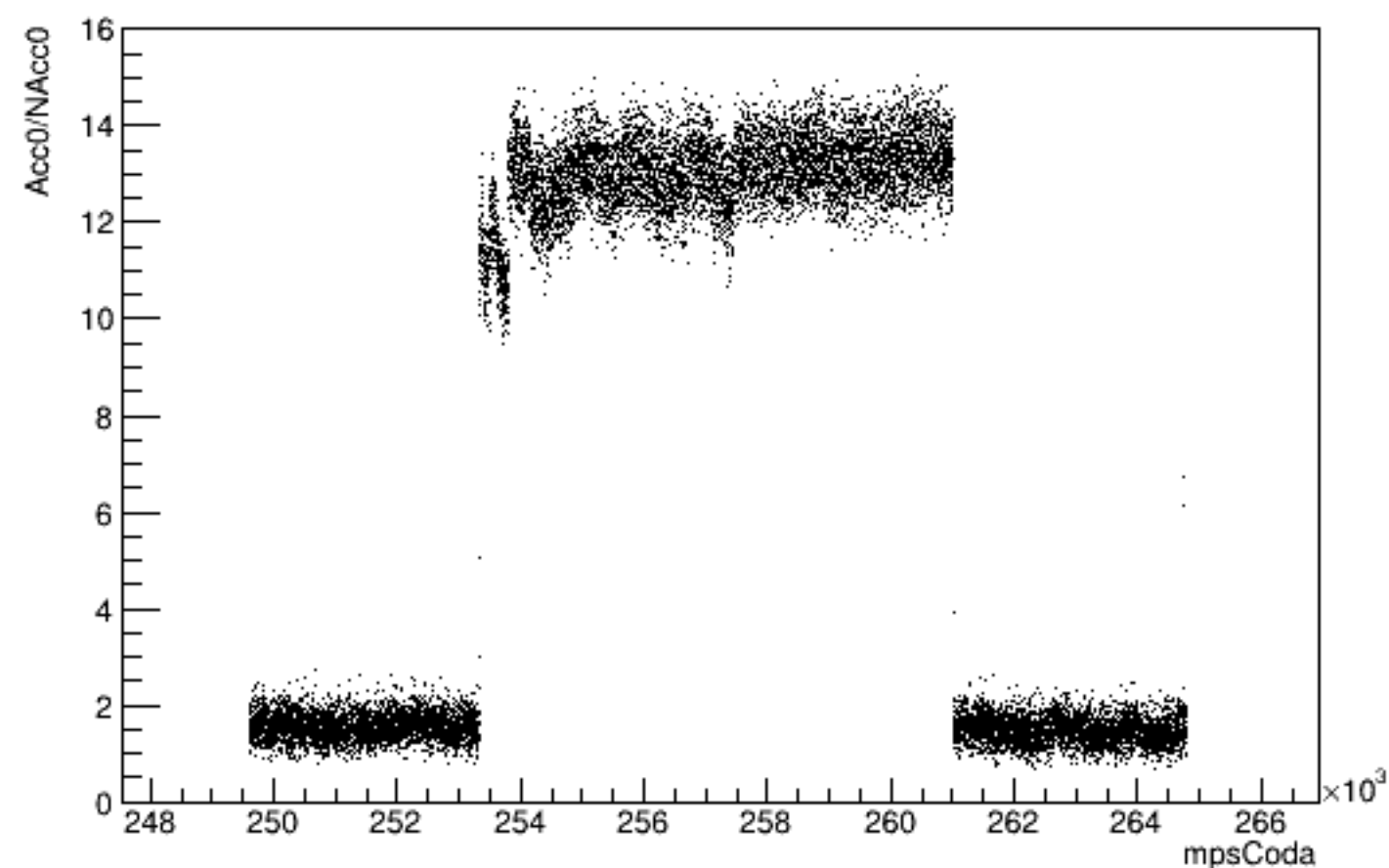
Cycle 9, Asyms

Entries: 466	Entries: 1918	Entries: 494
Mean: -0.0005 +/- 0.0006	Mean: -0.0311 +/- 0.0005	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0122 +/- 0.0004	Std Dev: 0.0198 +/- 0.0003	Std Dev: 0.0116 +/- 0.0004

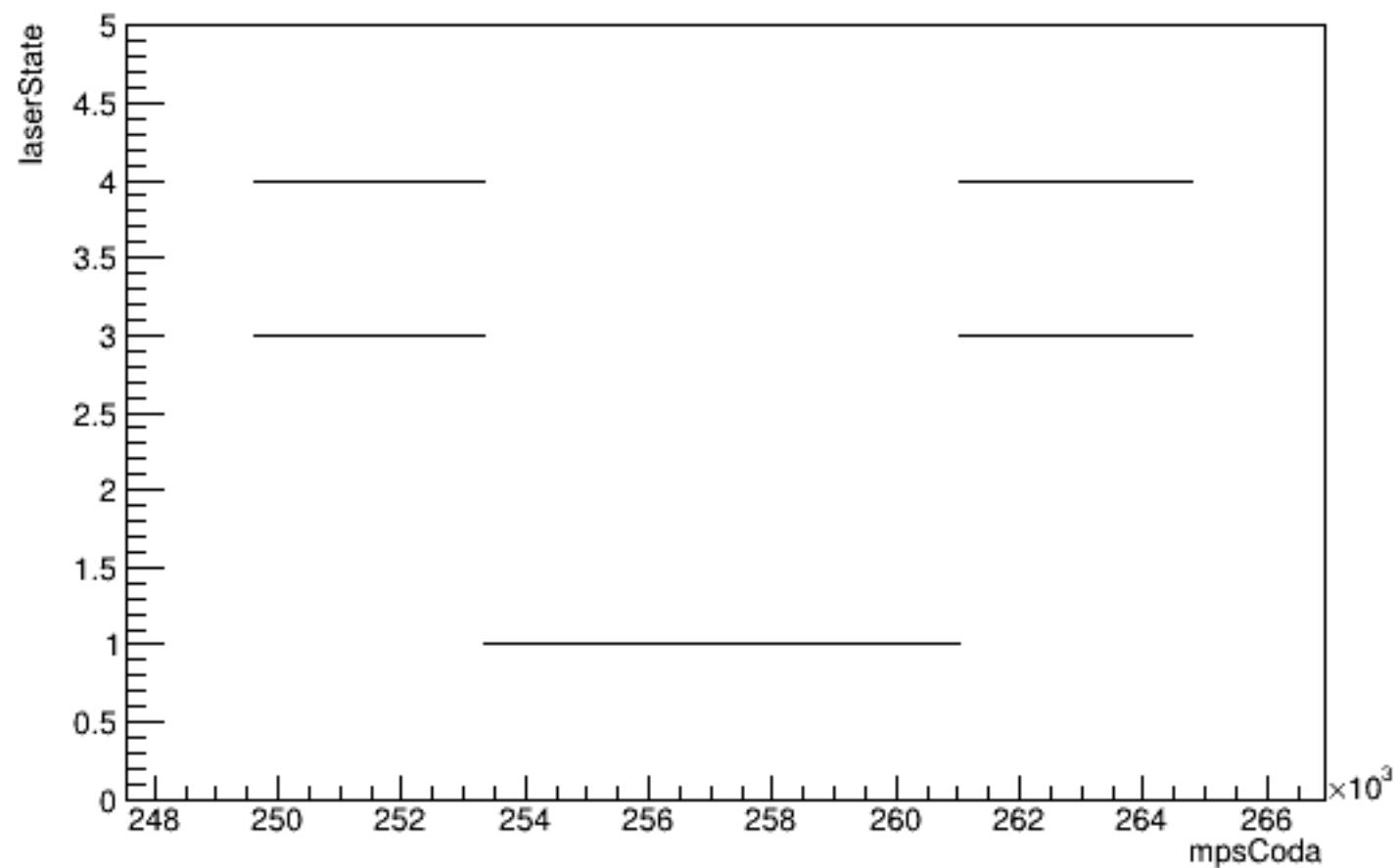
Run 5777 quartetwise, Asyms



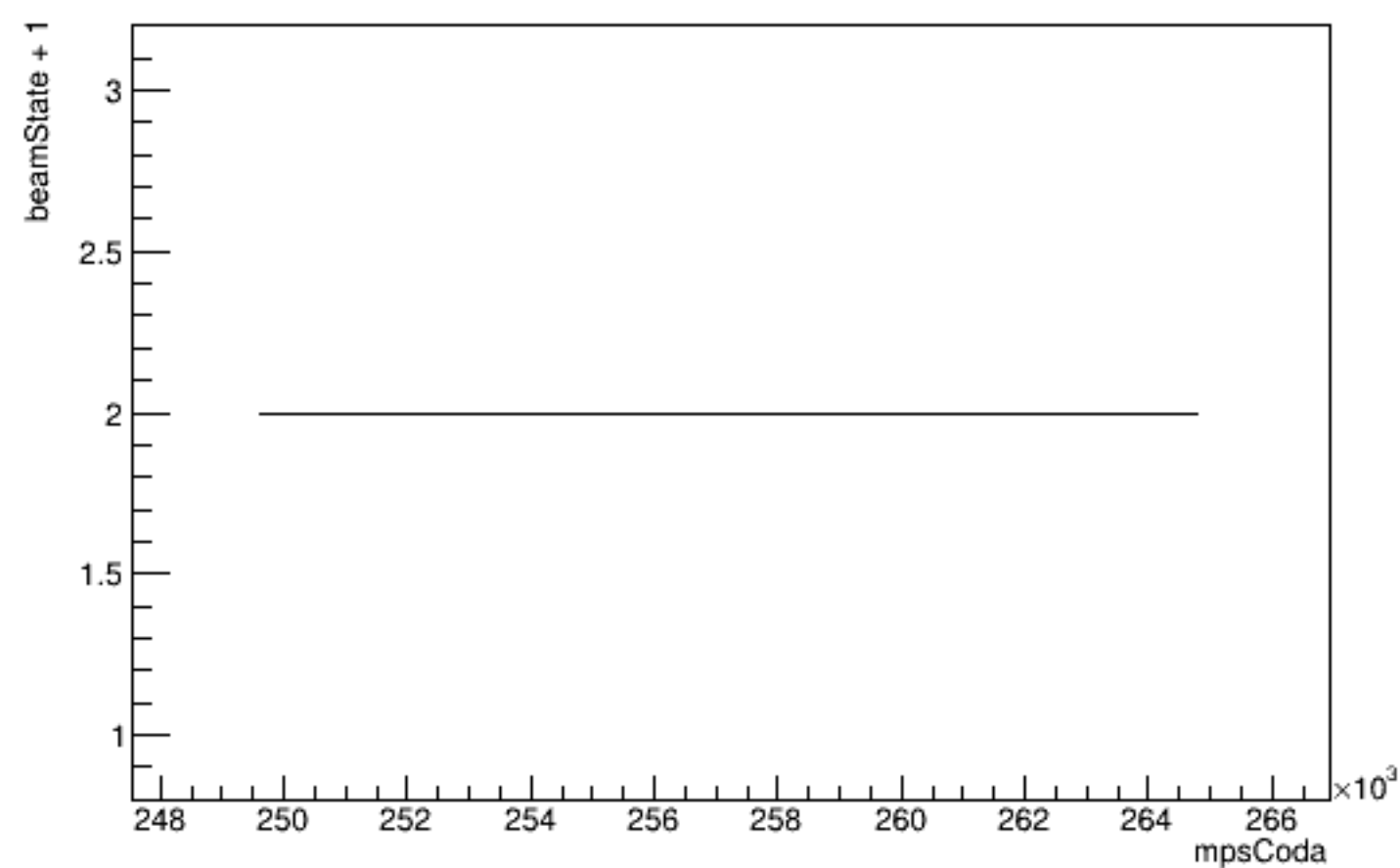
Acc0/NAcc0:mpsCoda (mpsCoda>=249610 && mpsCoda<=264777 && beamState==1)



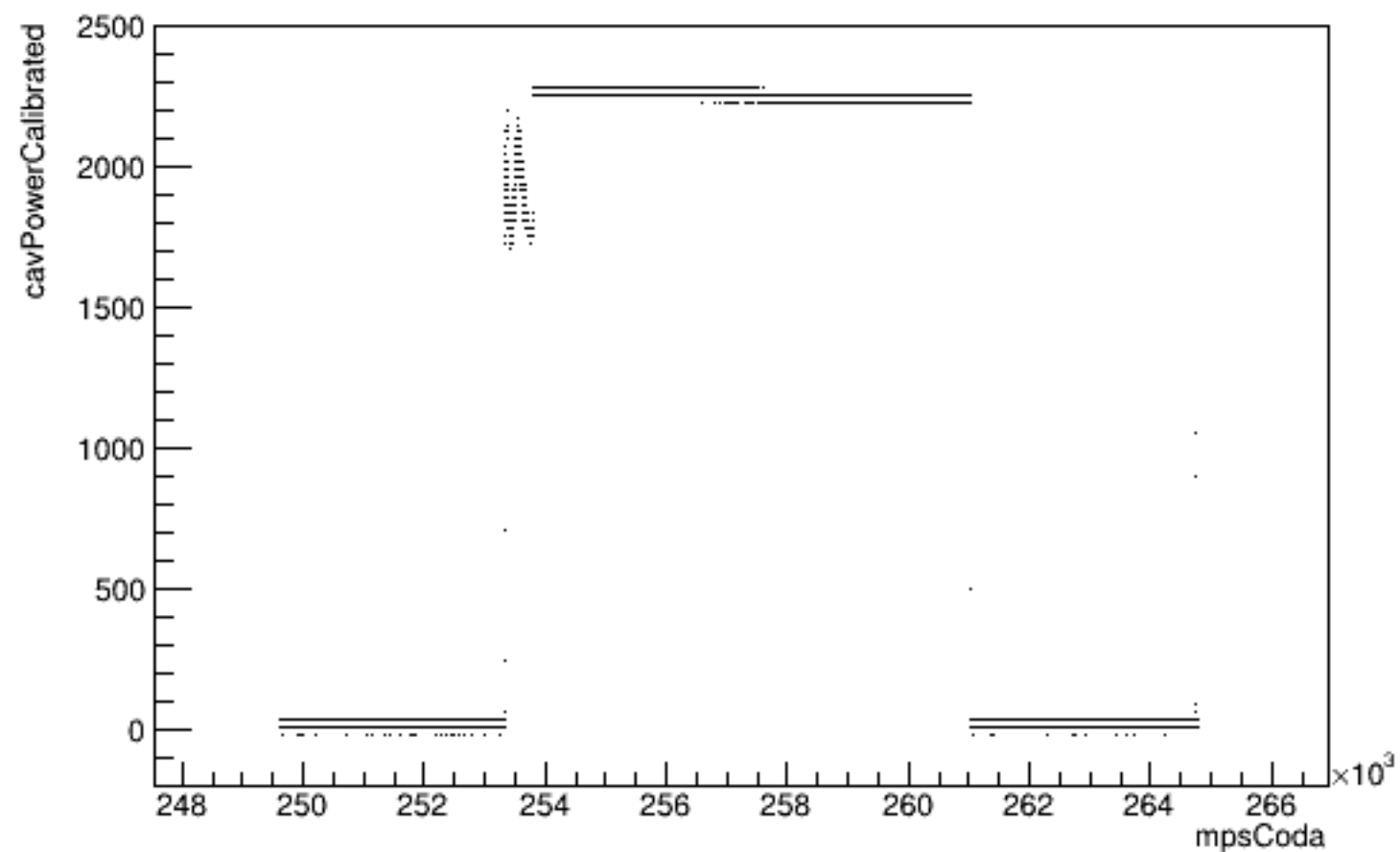
laserState:mpsCoda {mpsCoda>=249610 && mpsCoda<=264777}



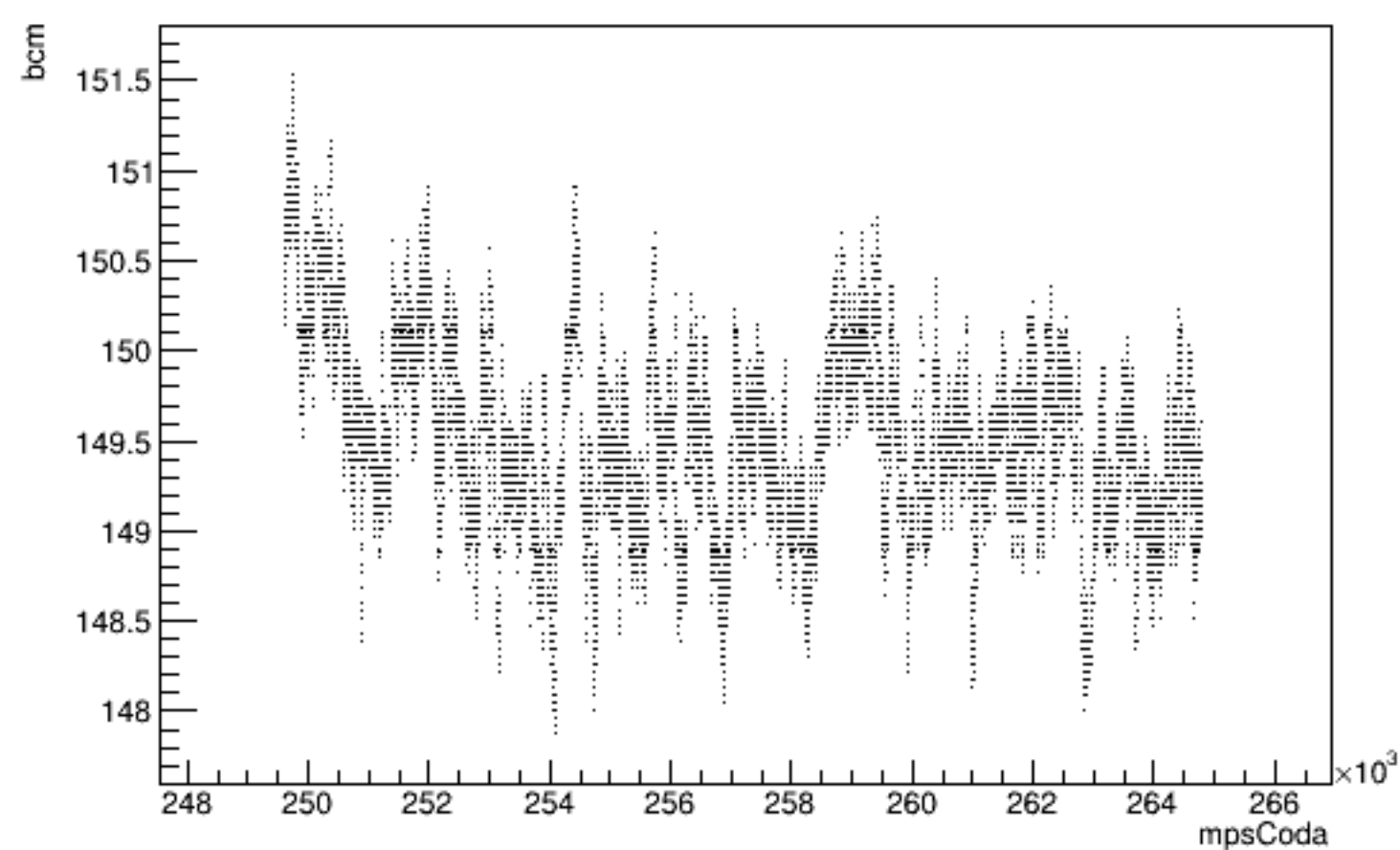
beamState + 1:mpsCoda {mpsCoda>=249610 && mpsCoda<=264777}



cavPowerCalibrated:mpsCoda {mpsCoda>=249610 && mpsCoda<=264777}



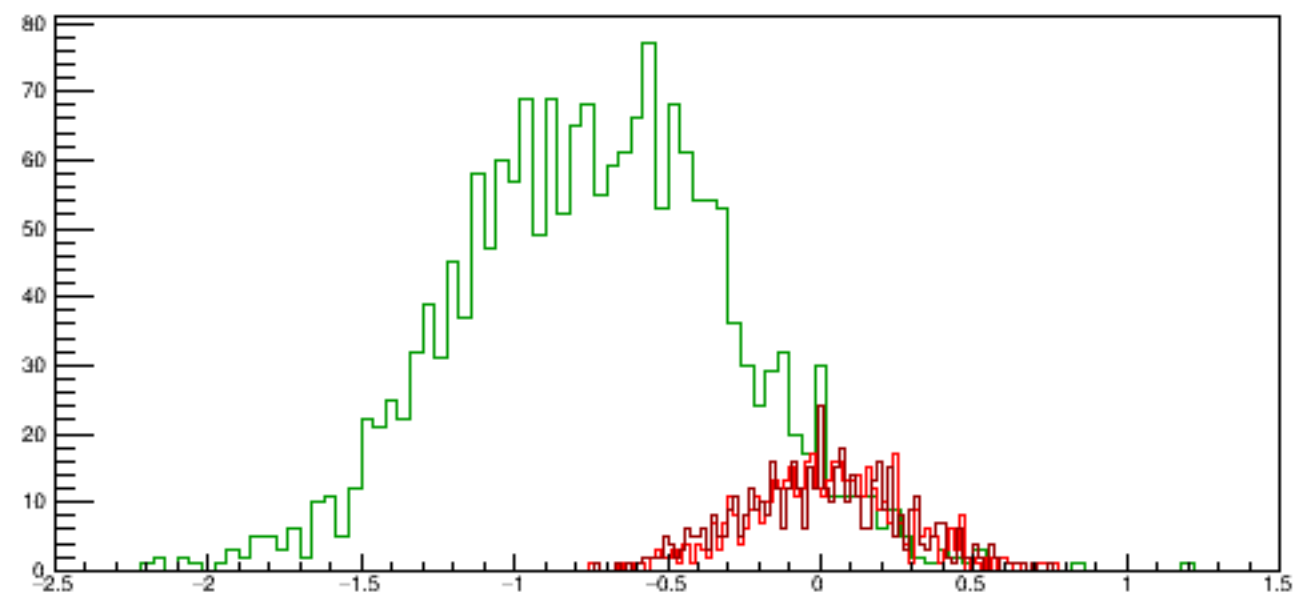
bcm:mpsCoda {mpsCoda>=249610 && mpsCoda<=264777}



Cycle 10, Diffs

Entries: 484	Entries: 1896	Entries: 520
Mean: 0.0130 +/- 0.0114	Mean: -0.7349 +/- 0.0102	Mean: -0.0011 +/- 0.0117
Std Dev: 0.2509 +/- 0.0081	Std Dev: 0.4461 +/- 0.0072	Std Dev: 0.2663 +/- 0.0083

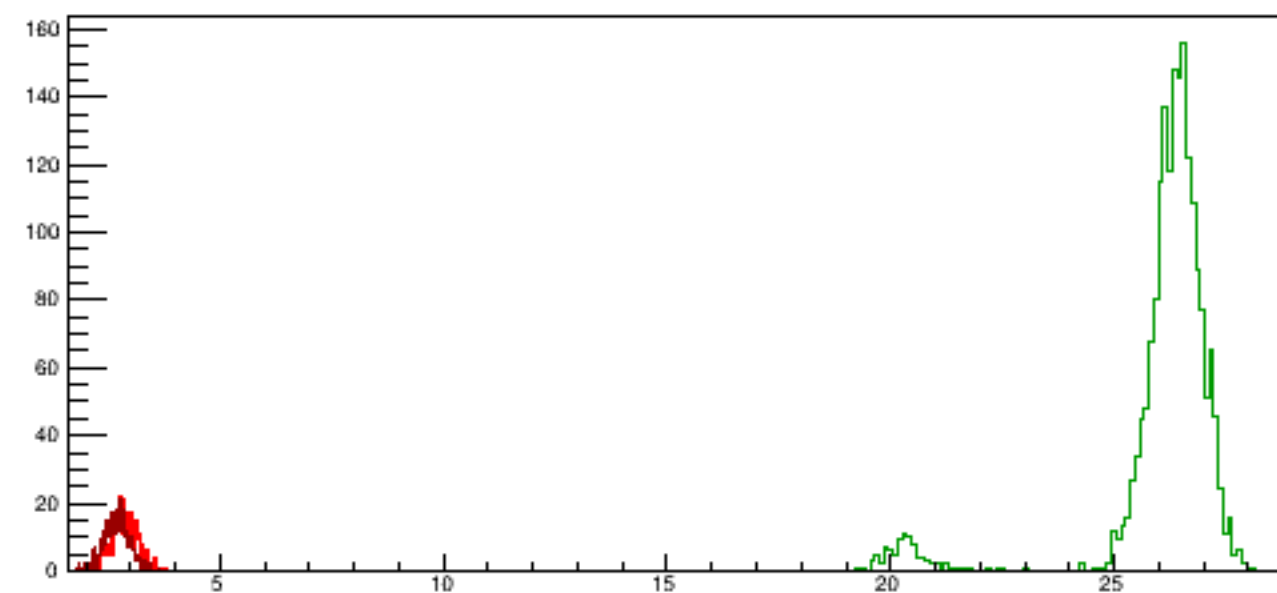
Run 5777 quartetwise, Diffs



Cycle 10, Sums

Entries: 484	Entries: 1896	Entries: 520
Mean: 2.8588 +/- 0.0142	Mean: 26.1130 +/- 0.0322	Mean: 2.6734 +/- 0.0130
Std Dev: 0.3123 +/- 0.0100	Std Dev: 1.4027 +/- 0.0228	Std Dev: 0.2968 +/- 0.0092

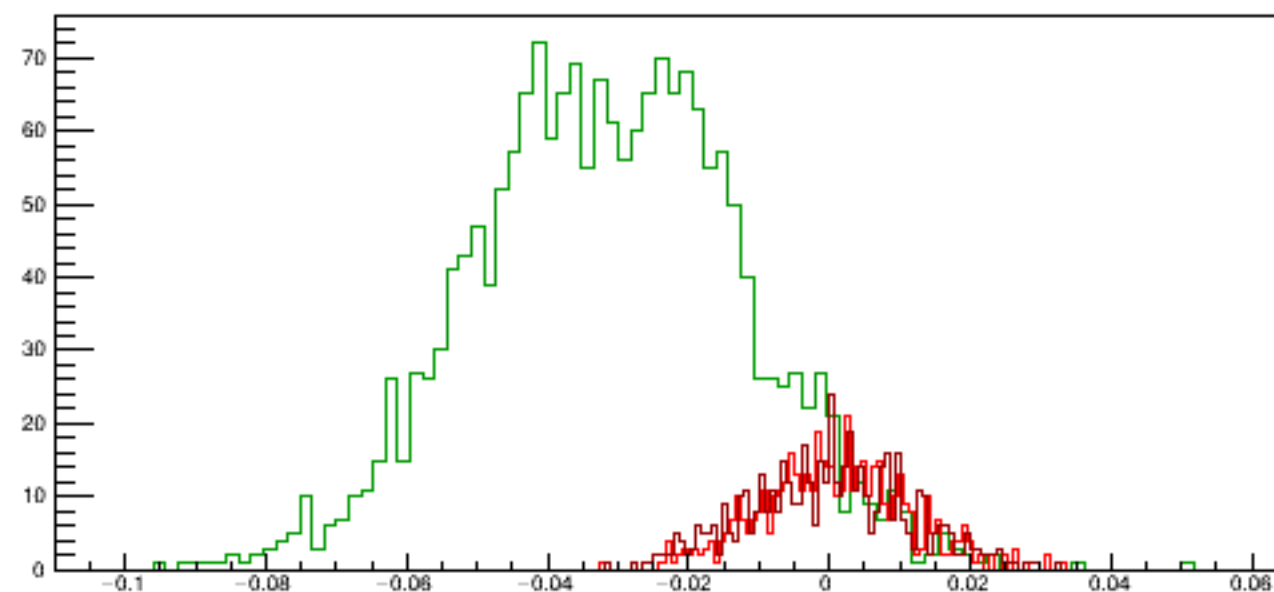
Run 5777 quartetwise, Sums



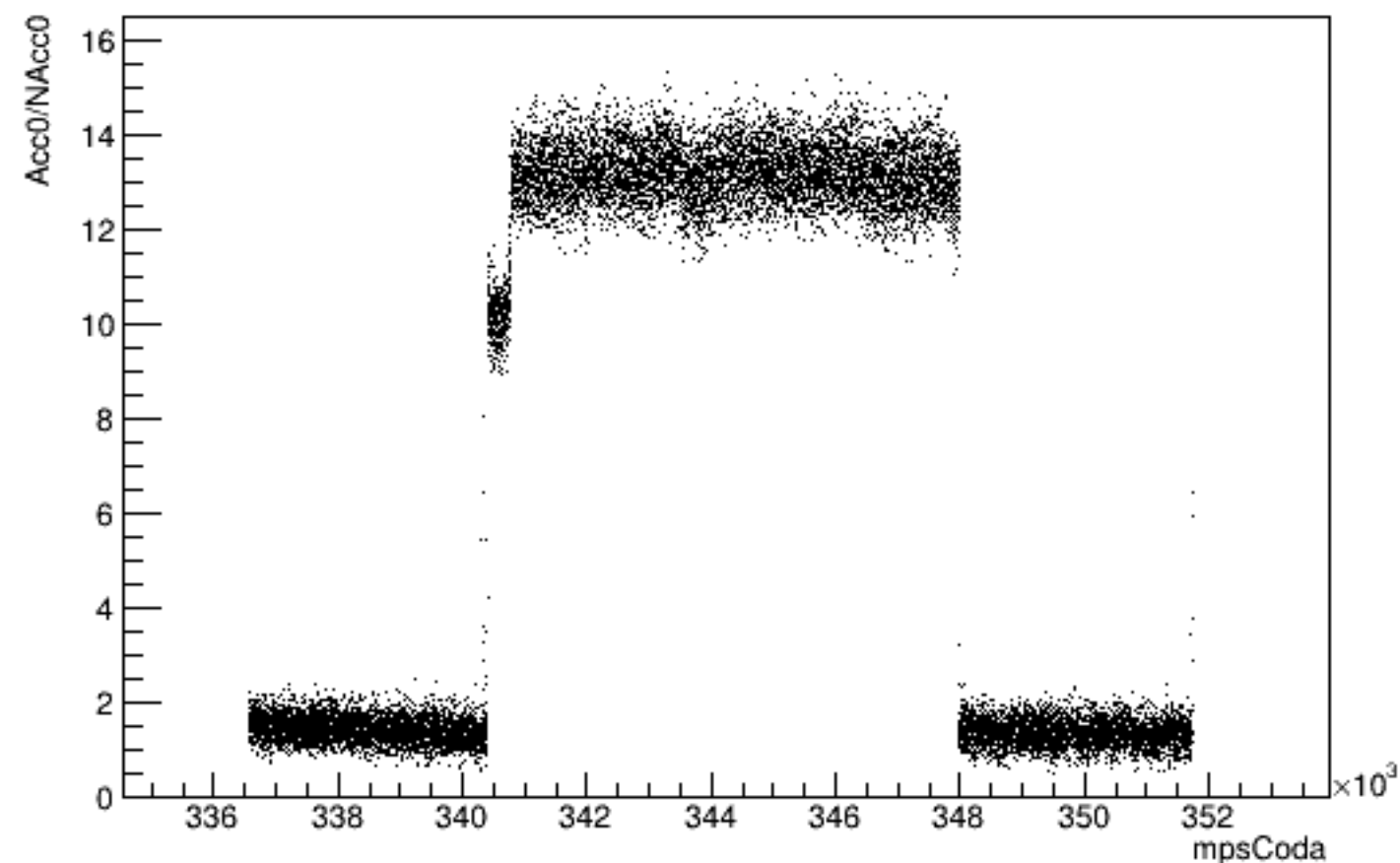
Cycle 10, Asyms

Entries: 484	Entries: 1896	Entries: 520
Mean: 0.0006 +/- 0.0005	Mean: -0.0314 +/- 0.0004	Mean: -0.0000 +/- 0.0005
Std Dev: 0.0107 +/- 0.0003	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0114 +/- 0.0004

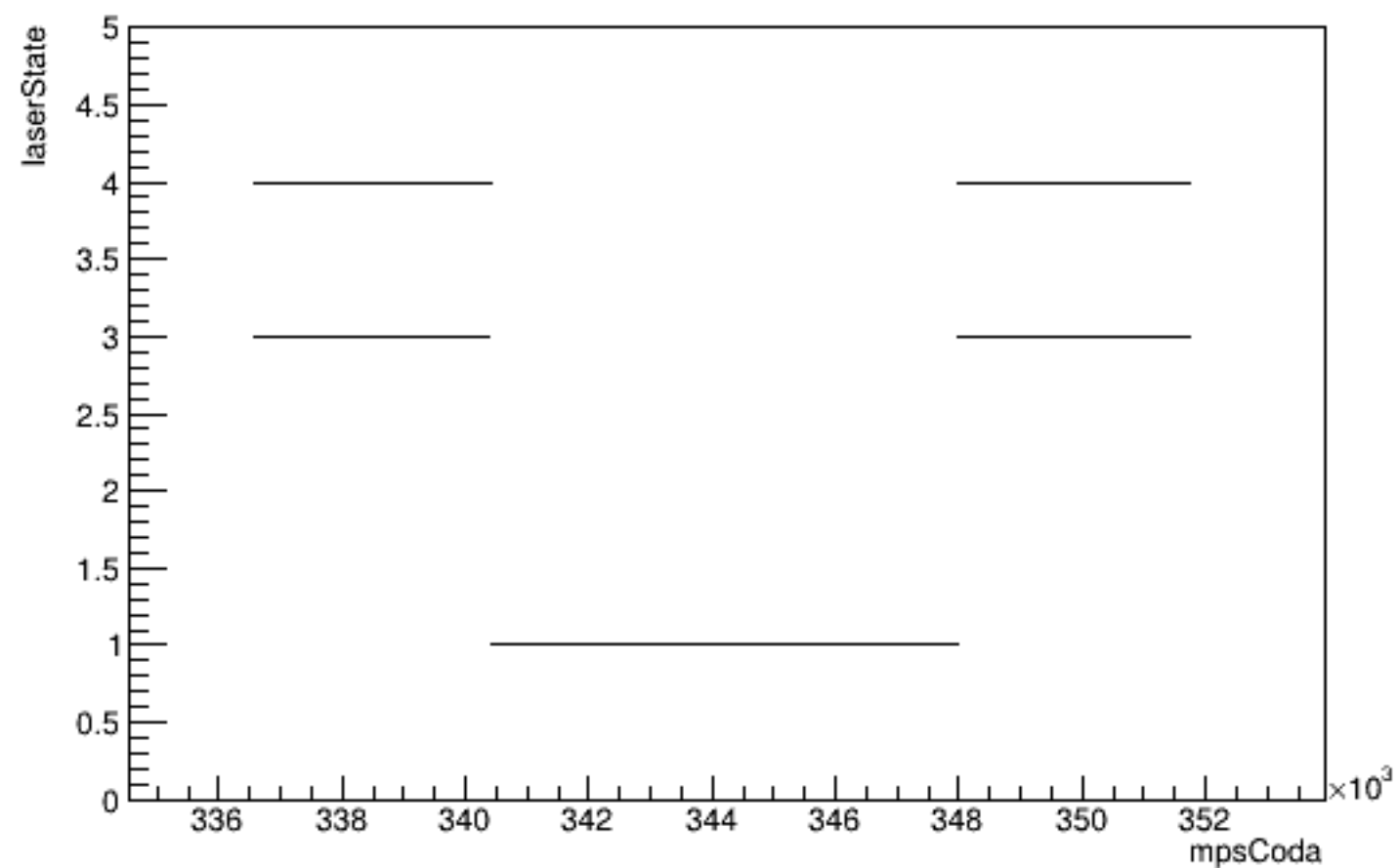
Run 5777 quartetwise, Asyms



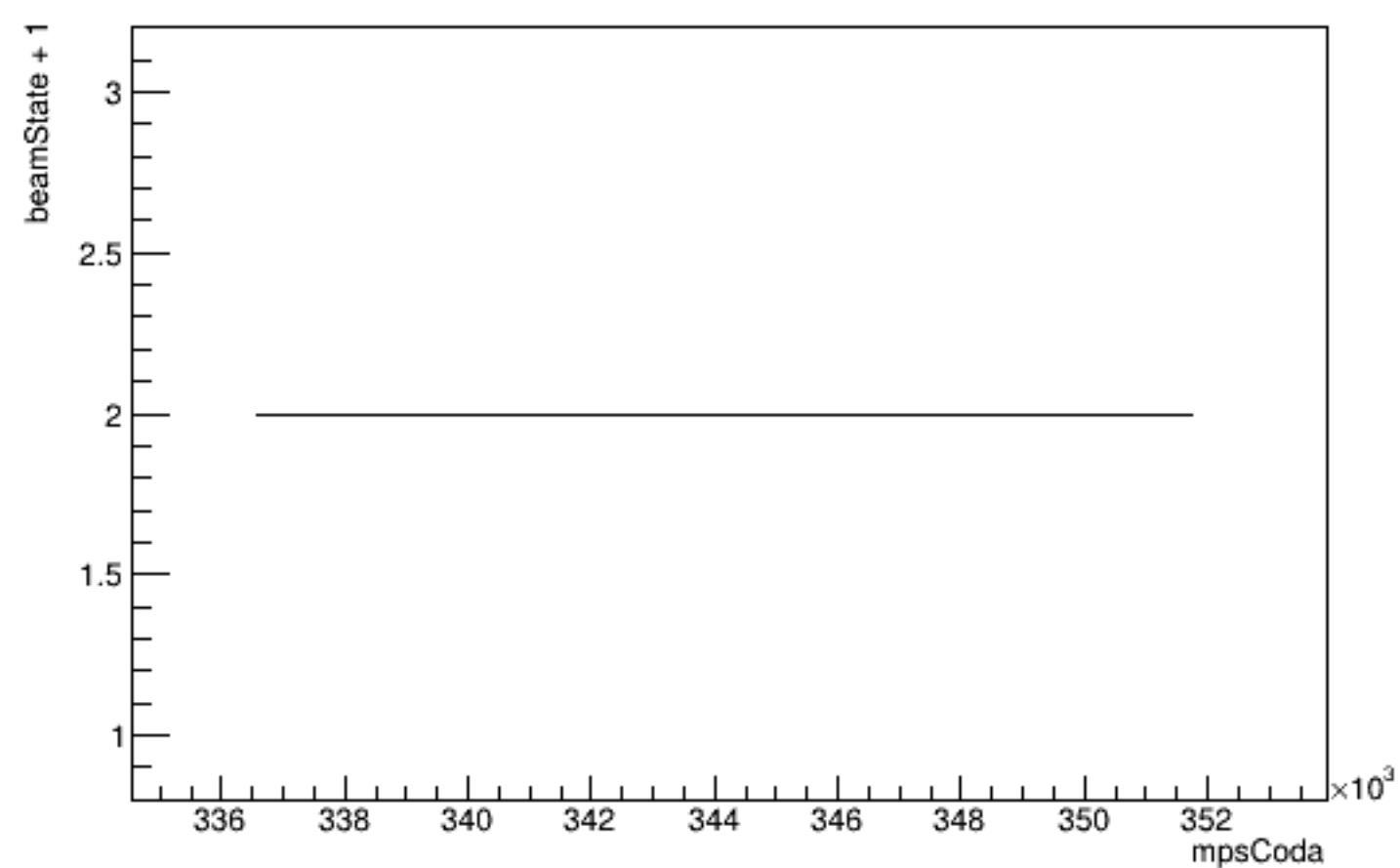
Acc0/NAcc0:mpsCoda (mpsCoda>=336558 && mpsCoda<=351729 && beamState==1)



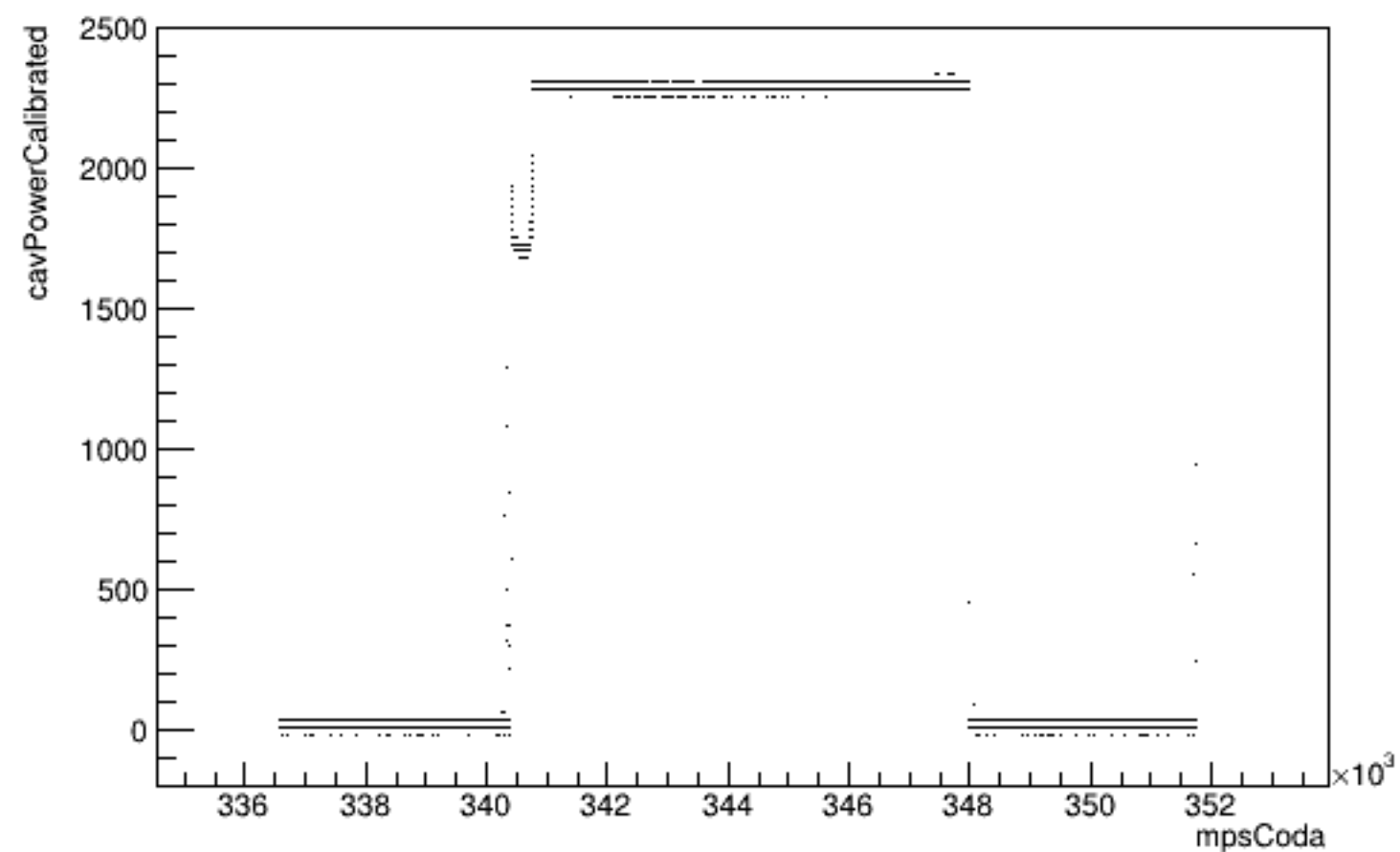
laserState:mpsCoda {mpsCoda>=336558 && mpsCoda<=351729}



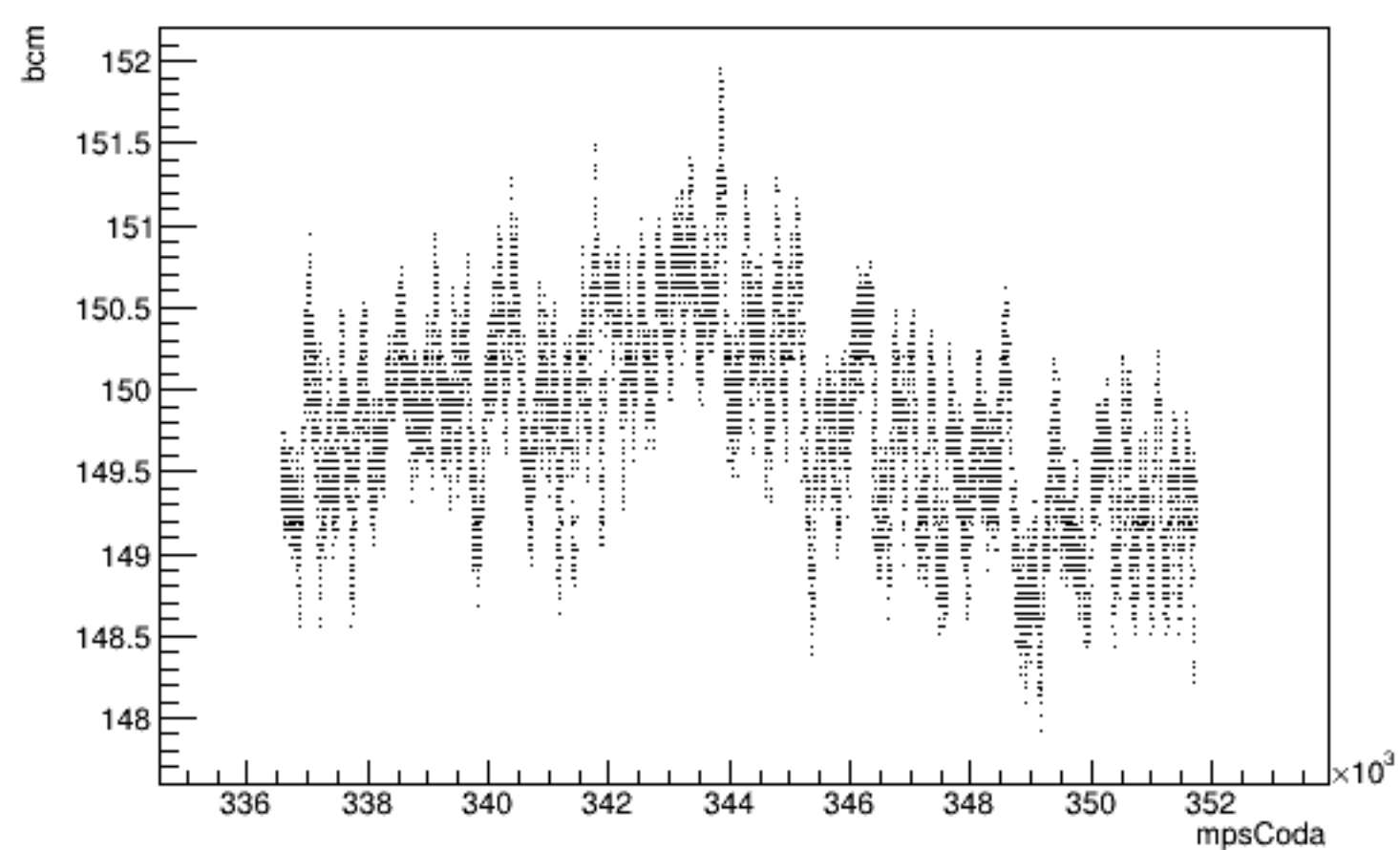
beamState + 1:mpsCoda {mpsCoda>=336558 && mpsCoda<=351729}



cavPowerCalibrated:mpsCoda {mpsCoda>=336558 && mpsCoda<=351729}



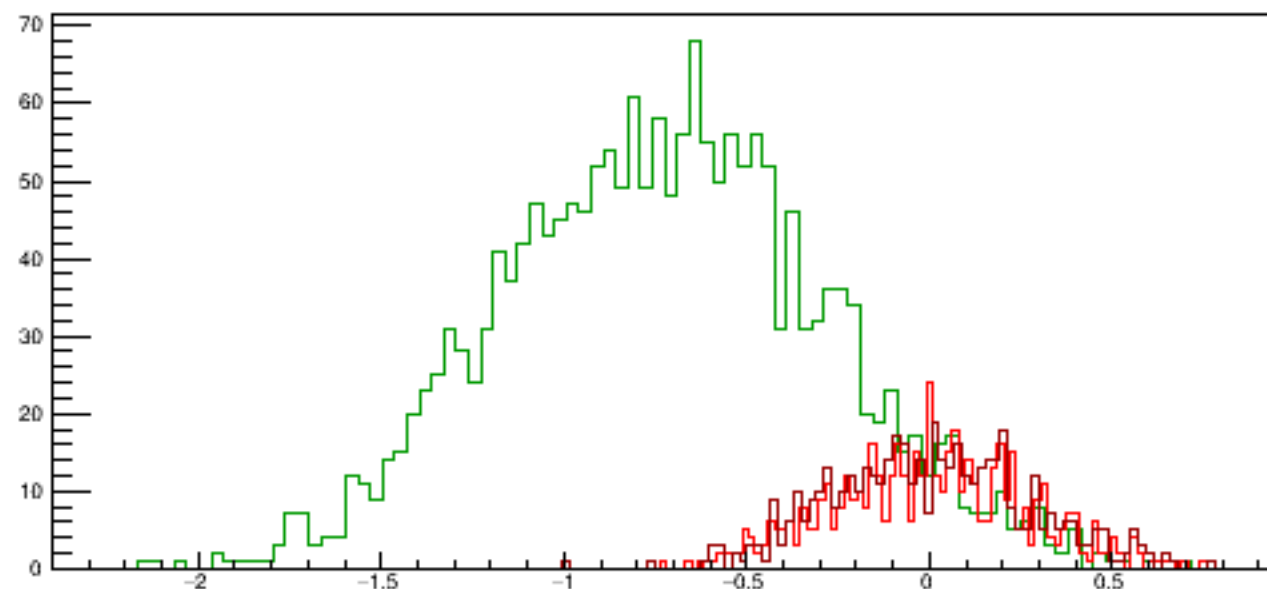
bcm:mpsCoda {mpsCoda>=336558 && mpsCoda<=351729}



Cycle 11, Diffs

Entries: 520	Entries: 1896	Entries: 477
Mean: -0.0011 +/- 0.0117	Mean: -0.7274 +/- 0.0102	Mean: -0.0028 +/- 0.0124
Std Dev: 0.2663 +/- 0.0083	Std Dev: 0.4420 +/- 0.0072	Std Dev: 0.2710 +/- 0.0088

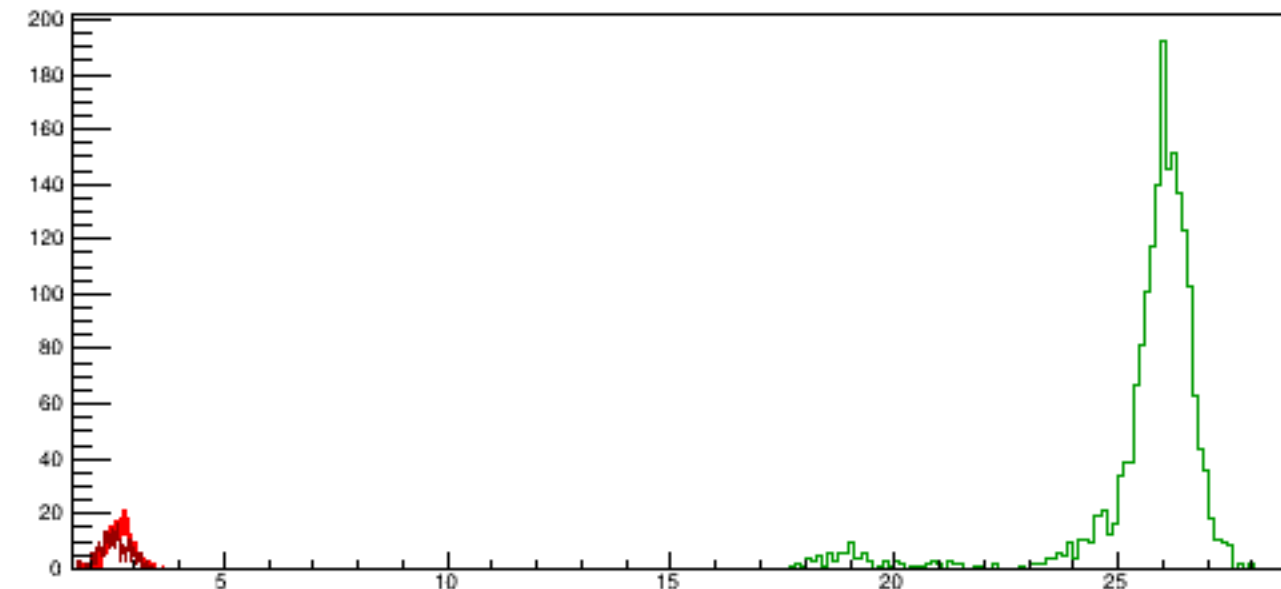
Run 5777 quartetwise, Diffs



Cycle 11, Sums

Entries: 520	Entries: 1896	Entries: 477
Mean: 2.6734 +/- 0.0130	Mean: 25.6512 +/- 0.0361	Mean: 2.5716 +/- 0.0148
Std Dev: 0.2968 +/- 0.0092	Std Dev: 1.5723 +/- 0.0255	Std Dev: 0.3235 +/- 0.0105

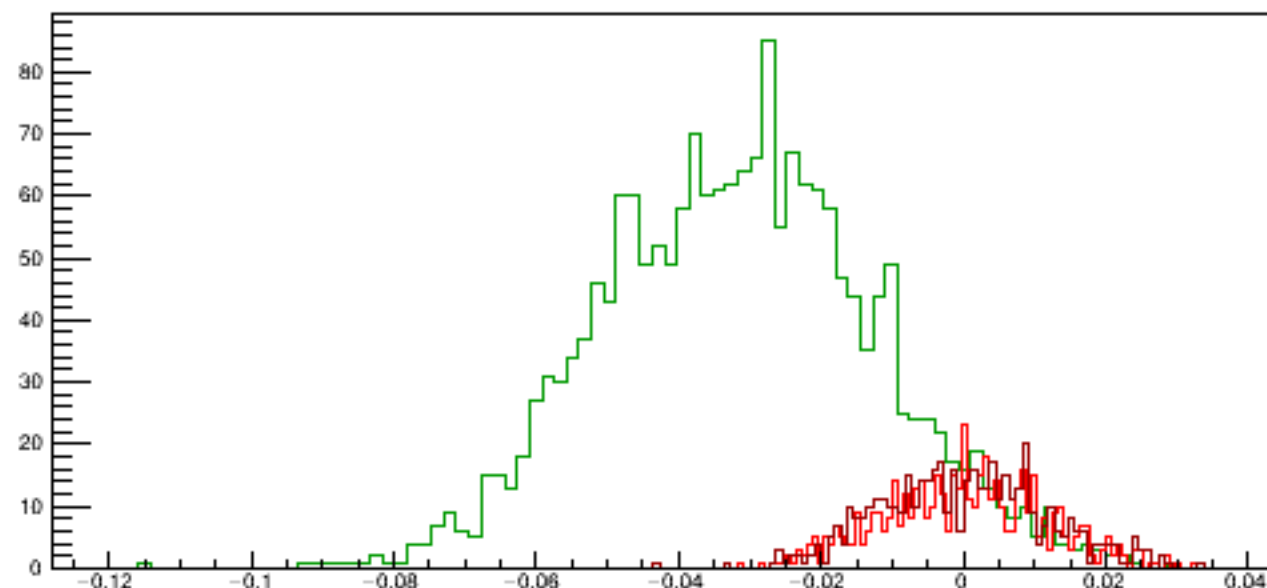
Run 5777 quartetwise, Sums



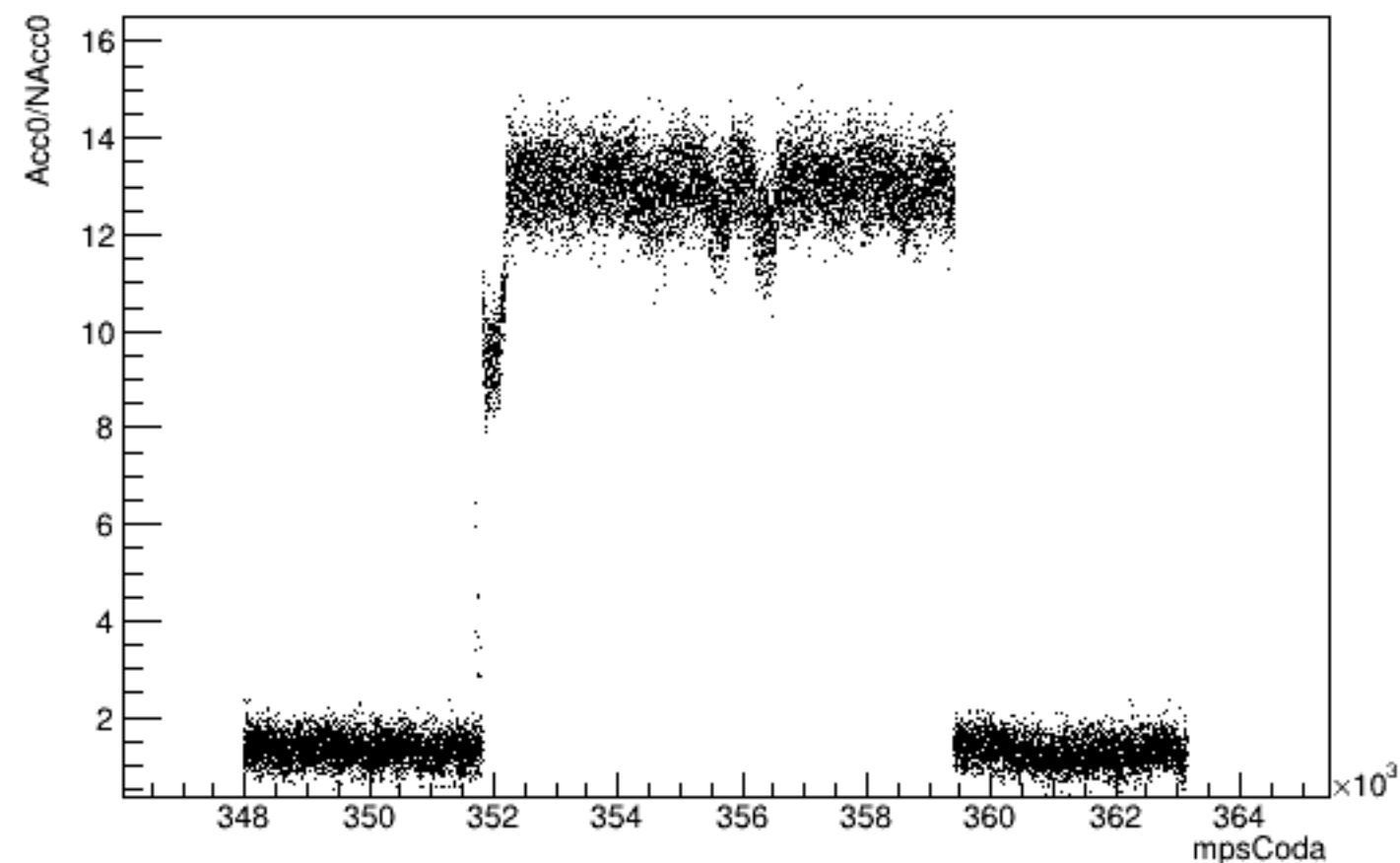
Cycle 11, Asyms

Entries: 520	Entries: 1896	Entries: 477
Mean: -0.0000 +/- 0.0005	Mean: -0.0316 +/- 0.0004	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0116 +/- 0.0004	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0118 +/- 0.0004

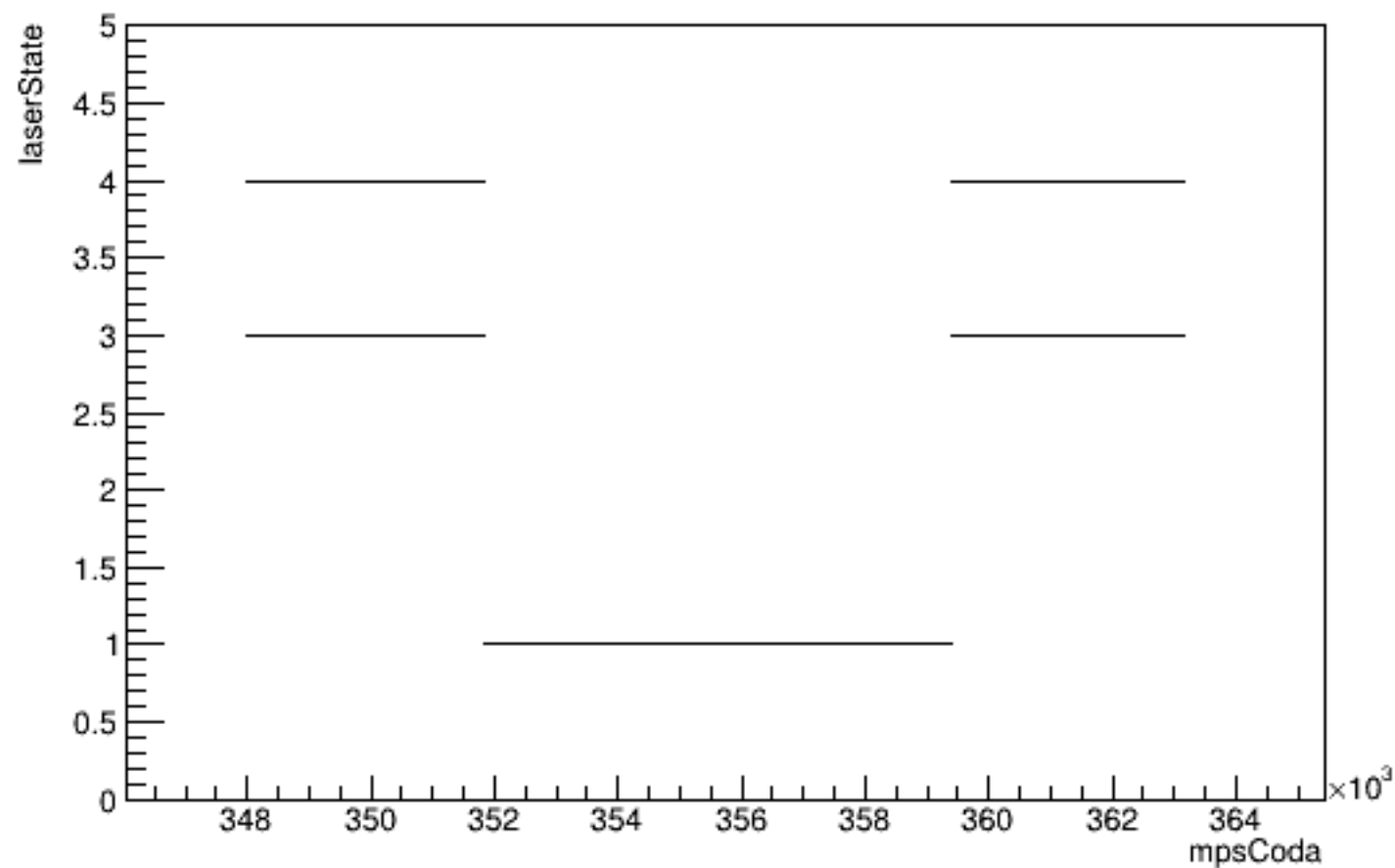
Run 5777 quartetwise, Asyms



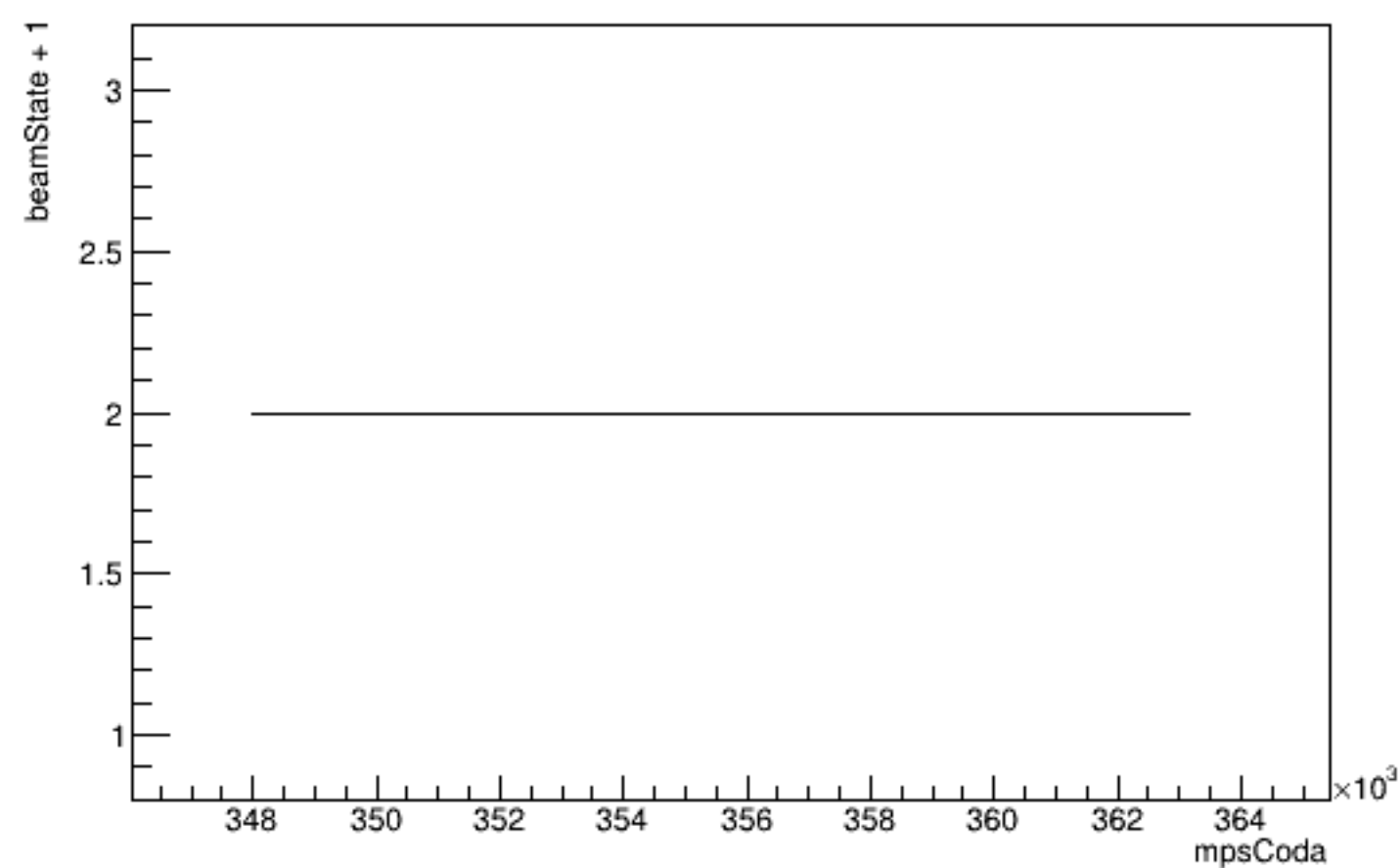
Acc0/NAcc0:mpsCoda (mpsCoda>=347986 && mpsCoda<=363141 && beamState==1)



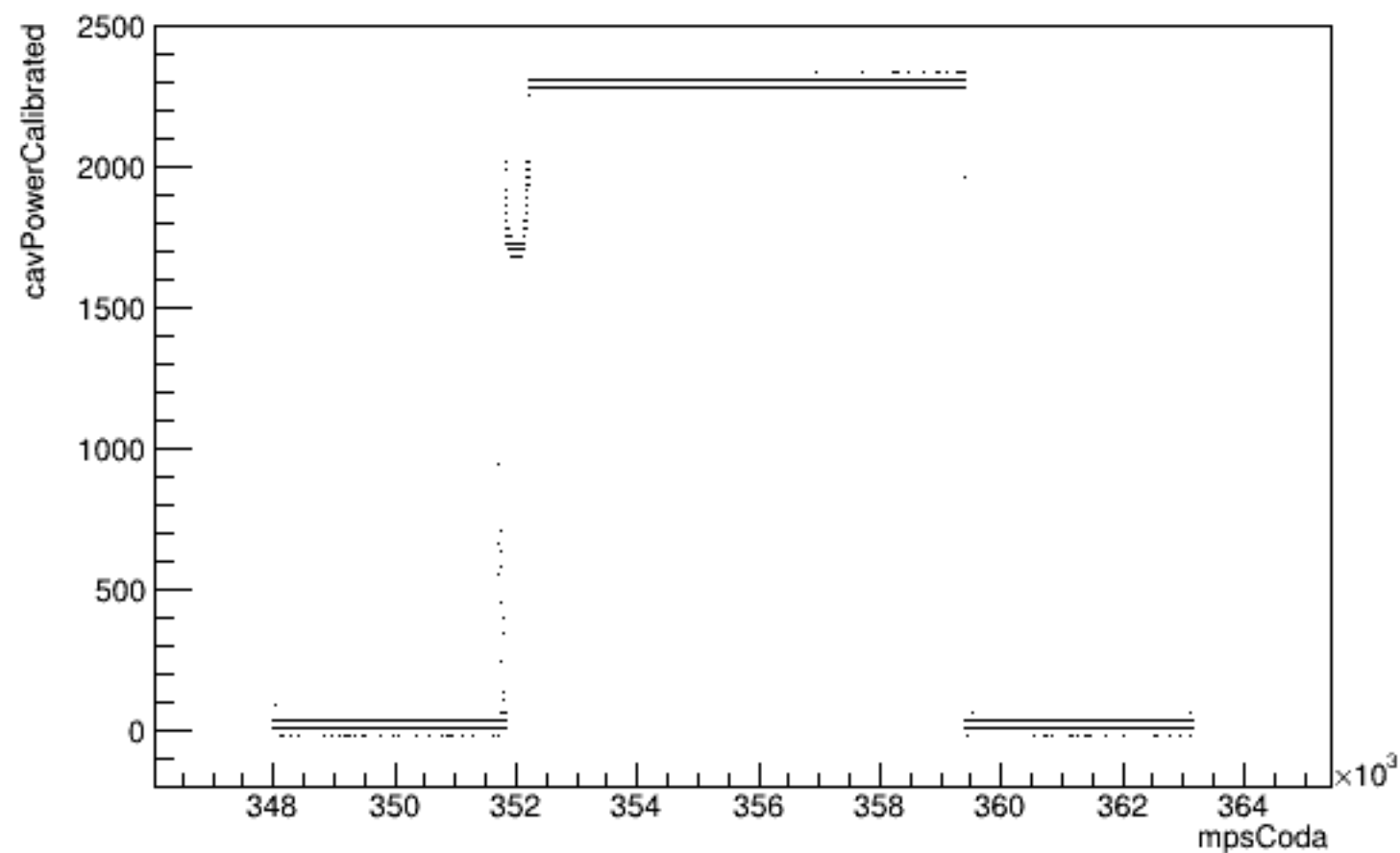
laserState:mpsCoda {mpsCoda>=347986 && mpsCoda<=363141}



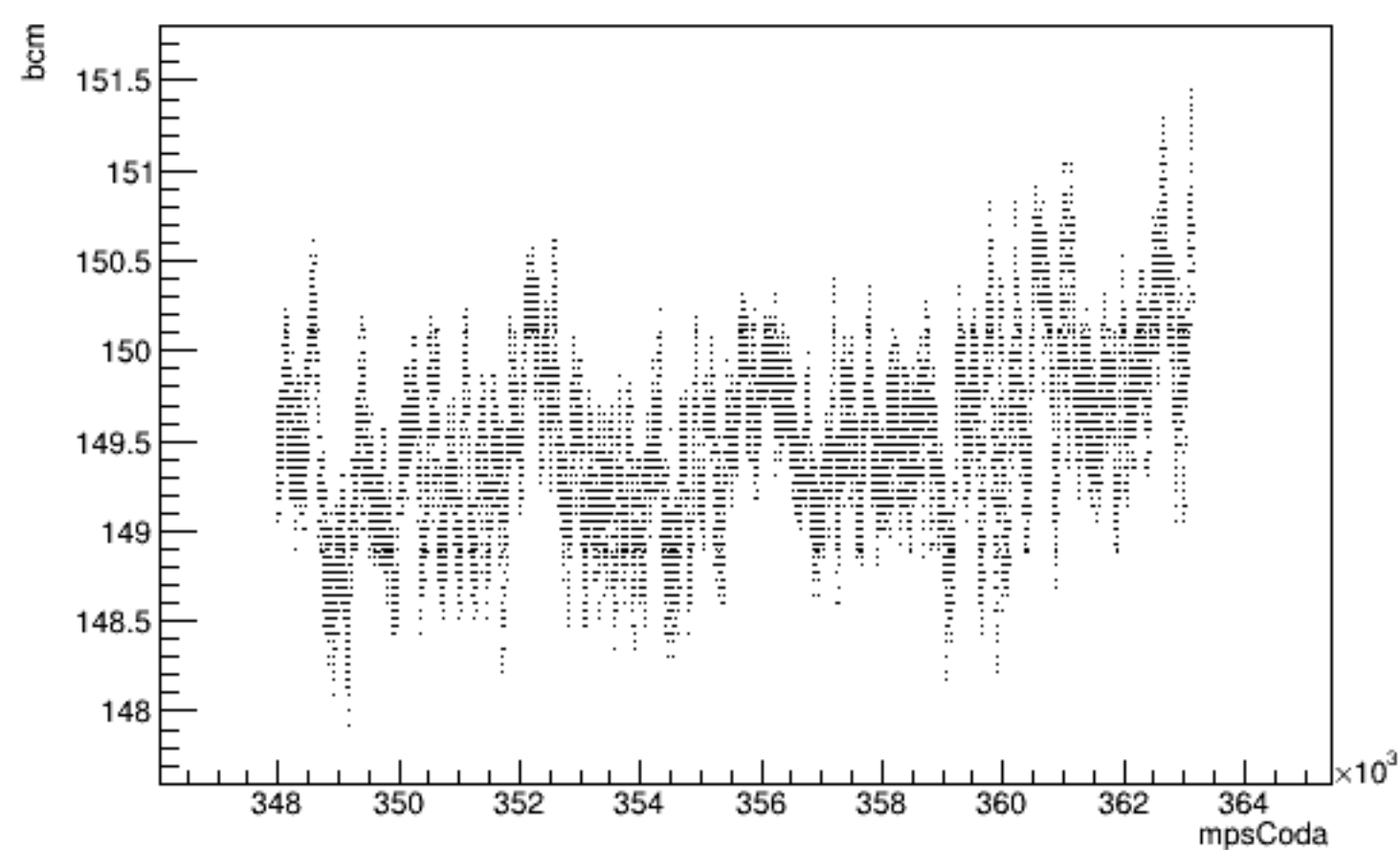
beamState + 1:mpsCoda {mpsCoda>=347986 && mpsCoda<=363141}



cavPowerCalibrated:mpsCoda {mpsCoda>=347986 && mpsCoda<=363141}



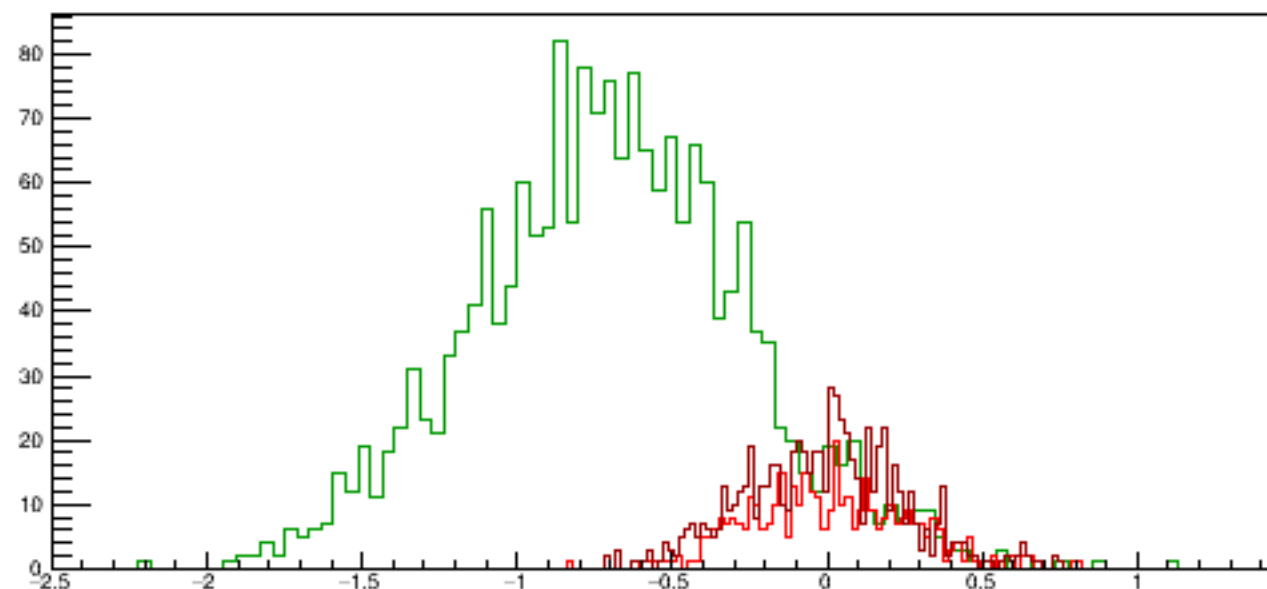
bcm:mpsCoda {mpsCoda>=347986 && mpsCoda<=363141}



Cycle 12, Diffs

Entries: 390	Entries: 1898	Entries: 691
Mean: 0.0064 +/- 0.0131	Mean: -0.6986 +/- 0.0101	Mean: -0.0157 +/- 0.0097
Std Dev: 0.2584 +/- 0.0093	Std Dev: 0.4402 +/- 0.0071	Std Dev: 0.2560 +/- 0.0069

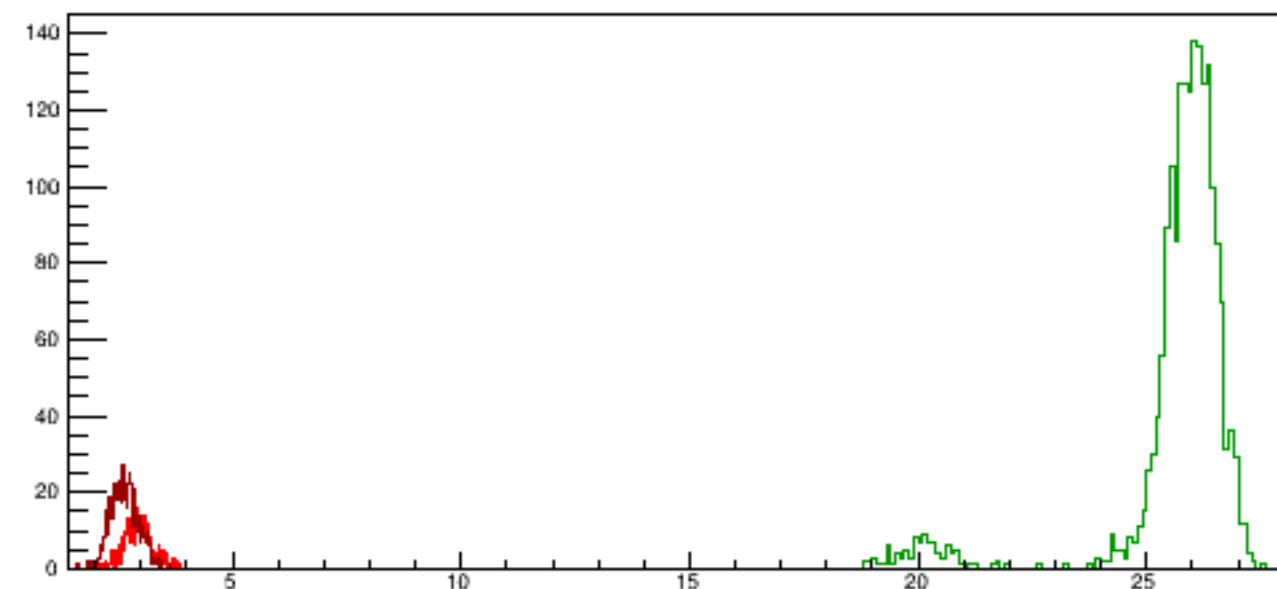
Run 5777 quartetwise, Diffs



Cycle 12, Sums

Entries: 390	Entries: 1898	Entries: 691
Mean: 2.9344 +/- 0.0161	Mean: 25.6722 +/- 0.0323	Mean: 2.6325 +/- 0.0116
Std Dev: 0.3189 +/- 0.0114	Std Dev: 1.4055 +/- 0.0228	Std Dev: 0.3037 +/- 0.0082

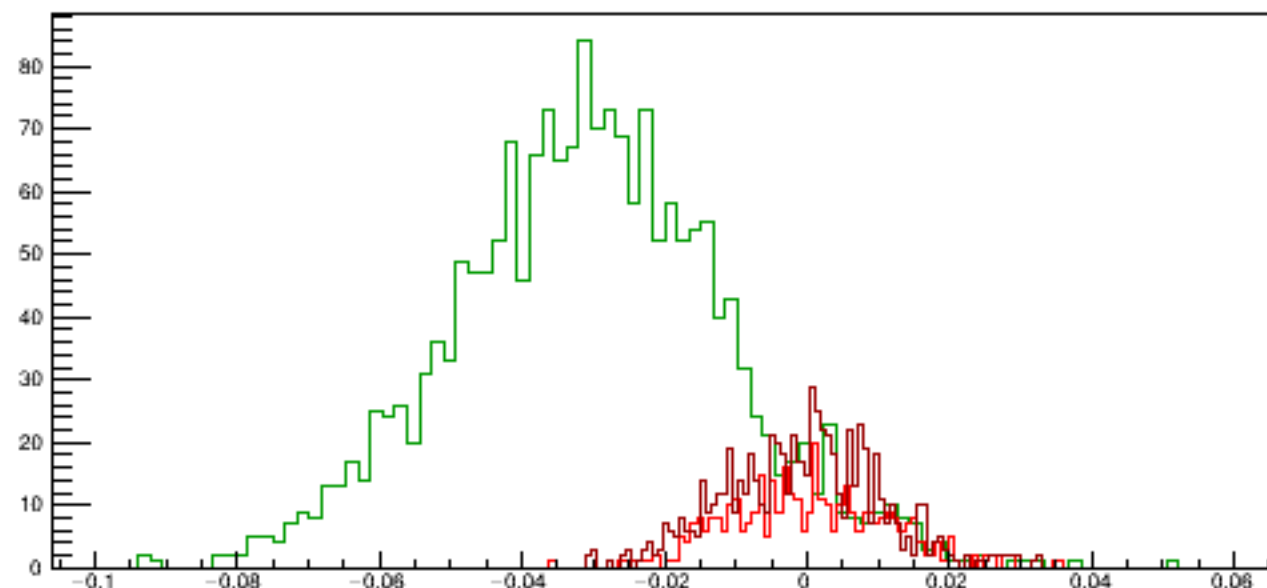
Run 5777 quartetwise, Sums



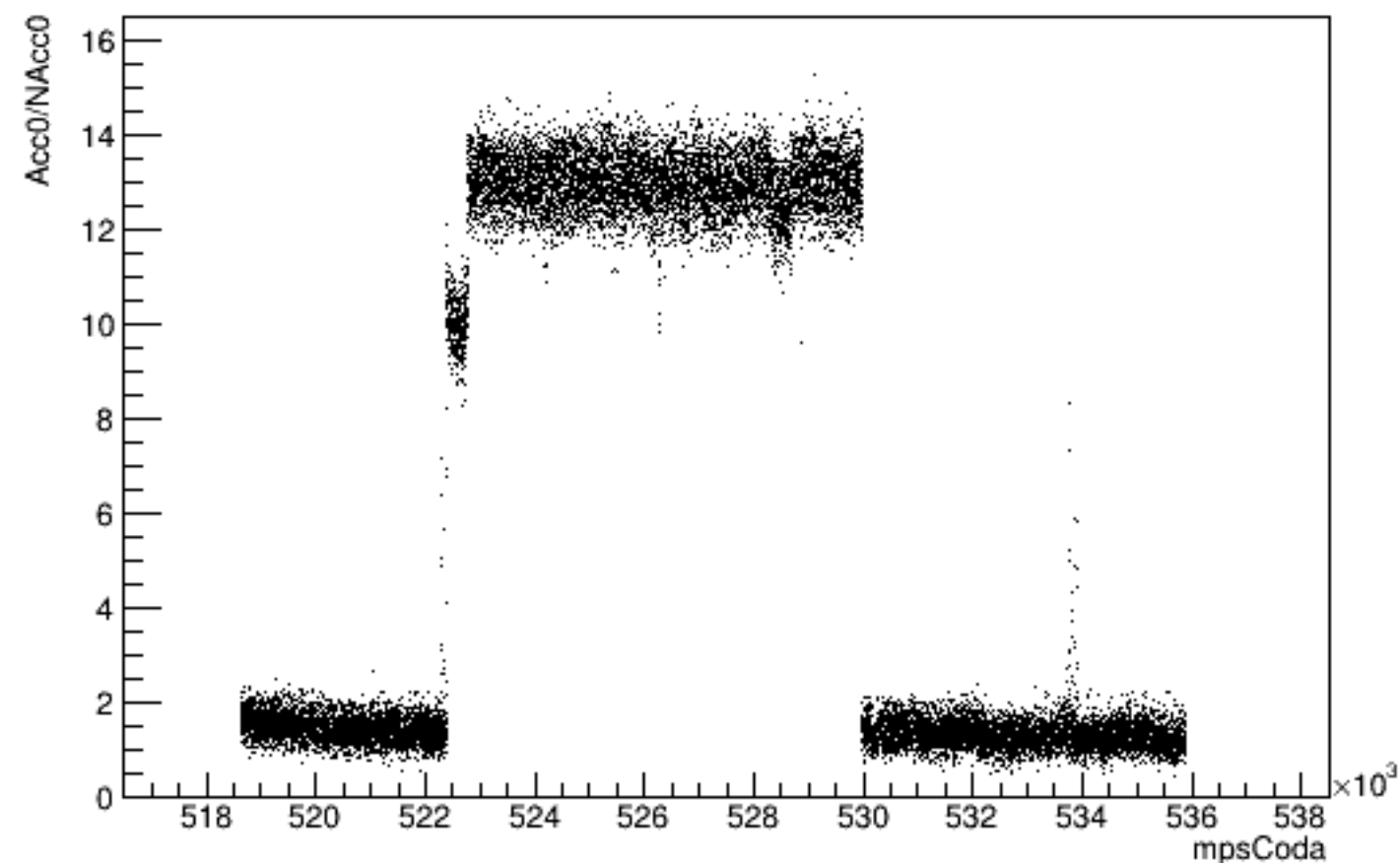
Cycle 12, Asyms

Entries: 390	Entries: 1898	Entries: 691
Mean: 0.0003 +/- 0.0006	Mean: -0.0305 +/- 0.0004	Mean: -0.0007 +/- 0.0004
Std Dev: 0.0113 +/- 0.0004	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0112 +/- 0.0003

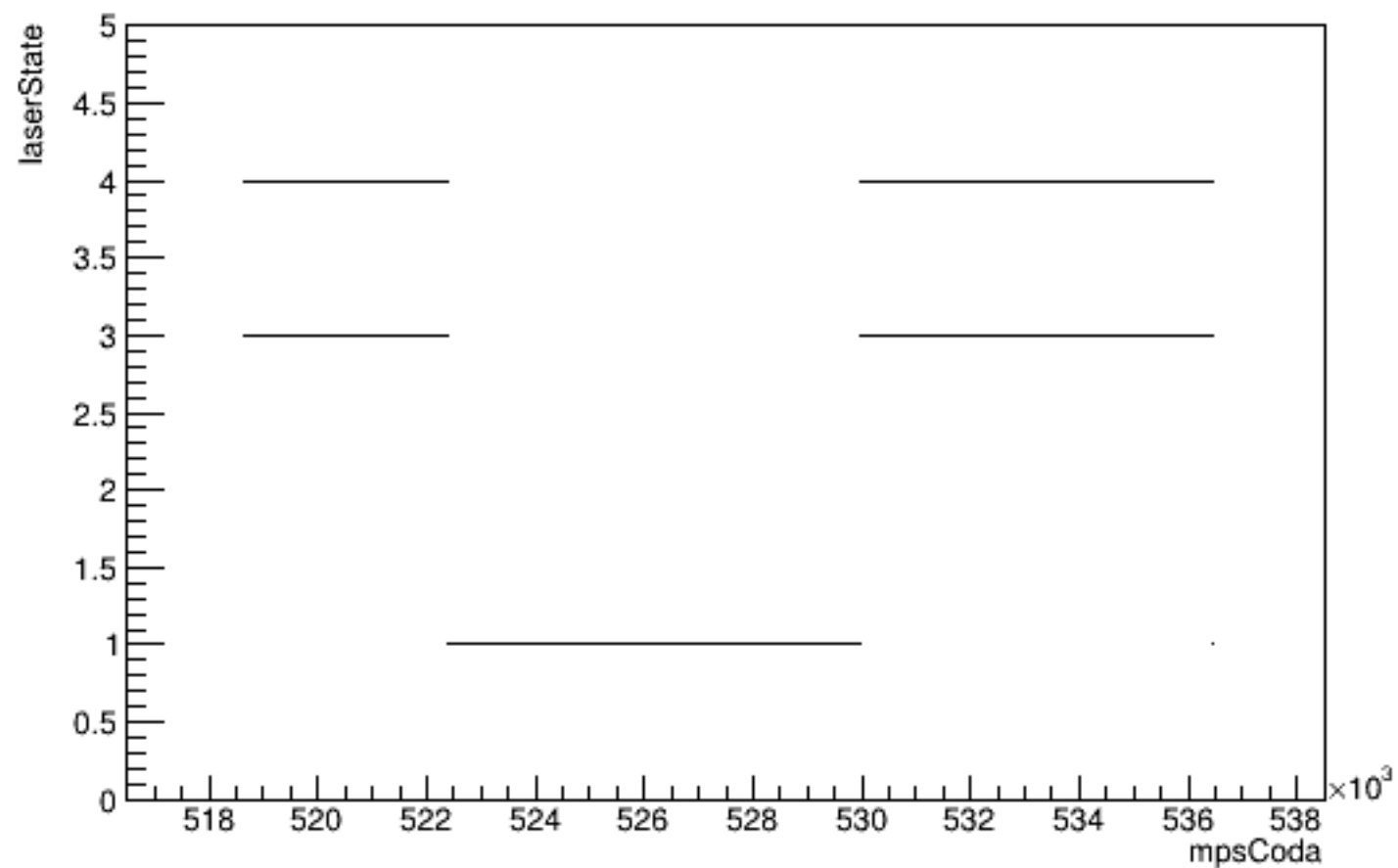
Run 5777 quartetwise, Asyms



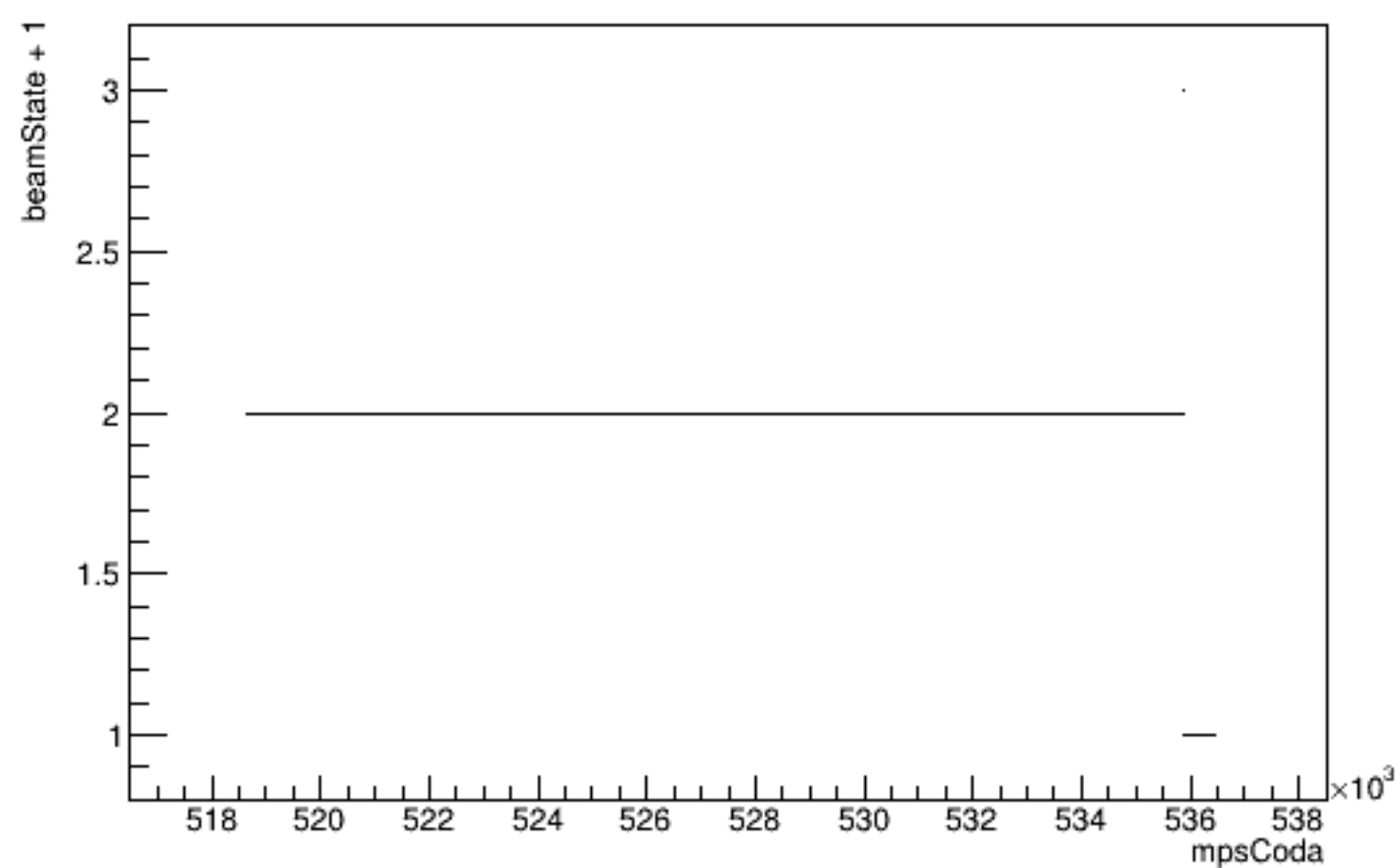
Acc0/NAcc0:mpsCoda (mpsCoda>=518618 && mpsCoda<=536453 && beamState==1)



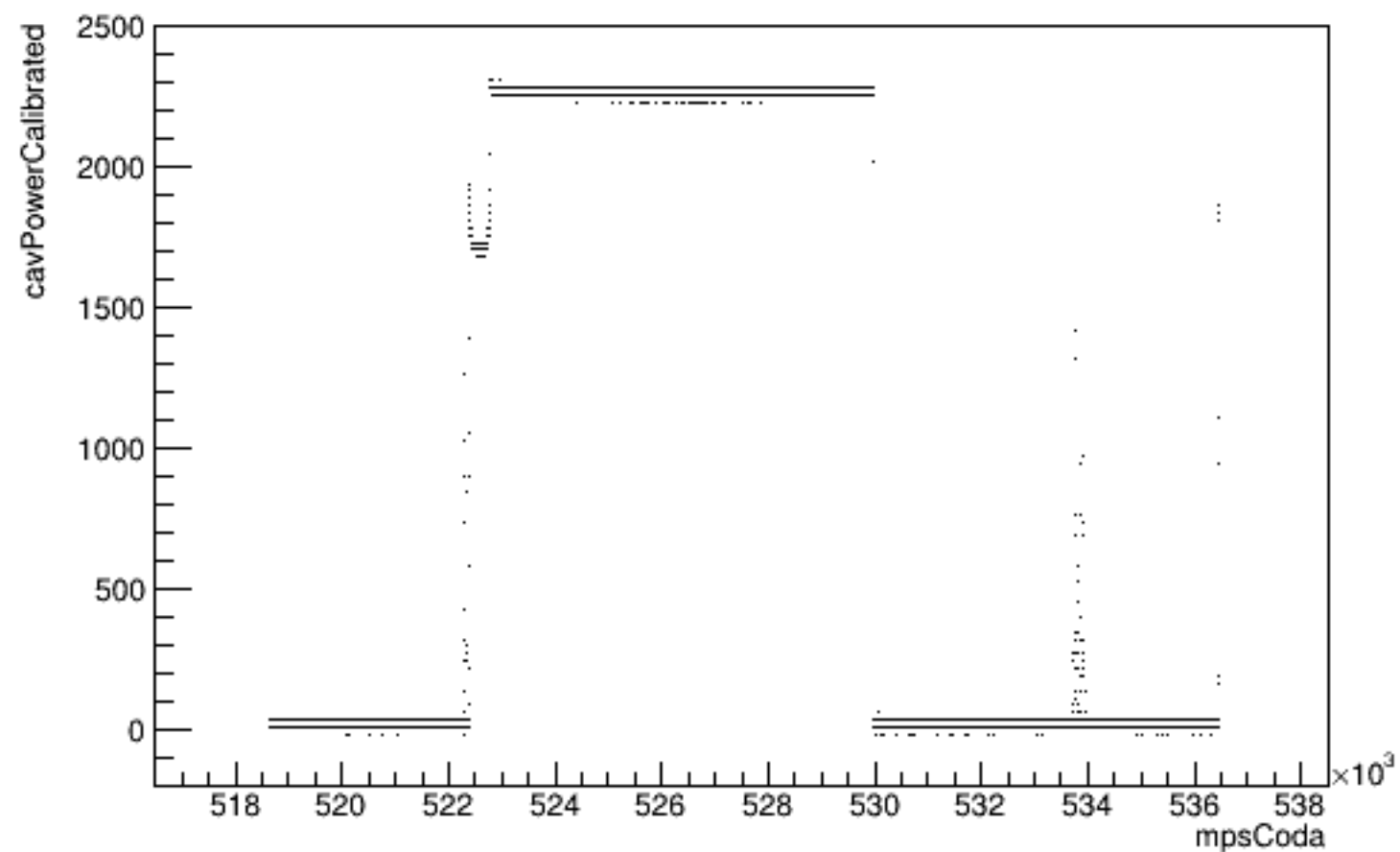
laserState:mpsCoda {mpsCoda>=518618 && mpsCoda<=536453}



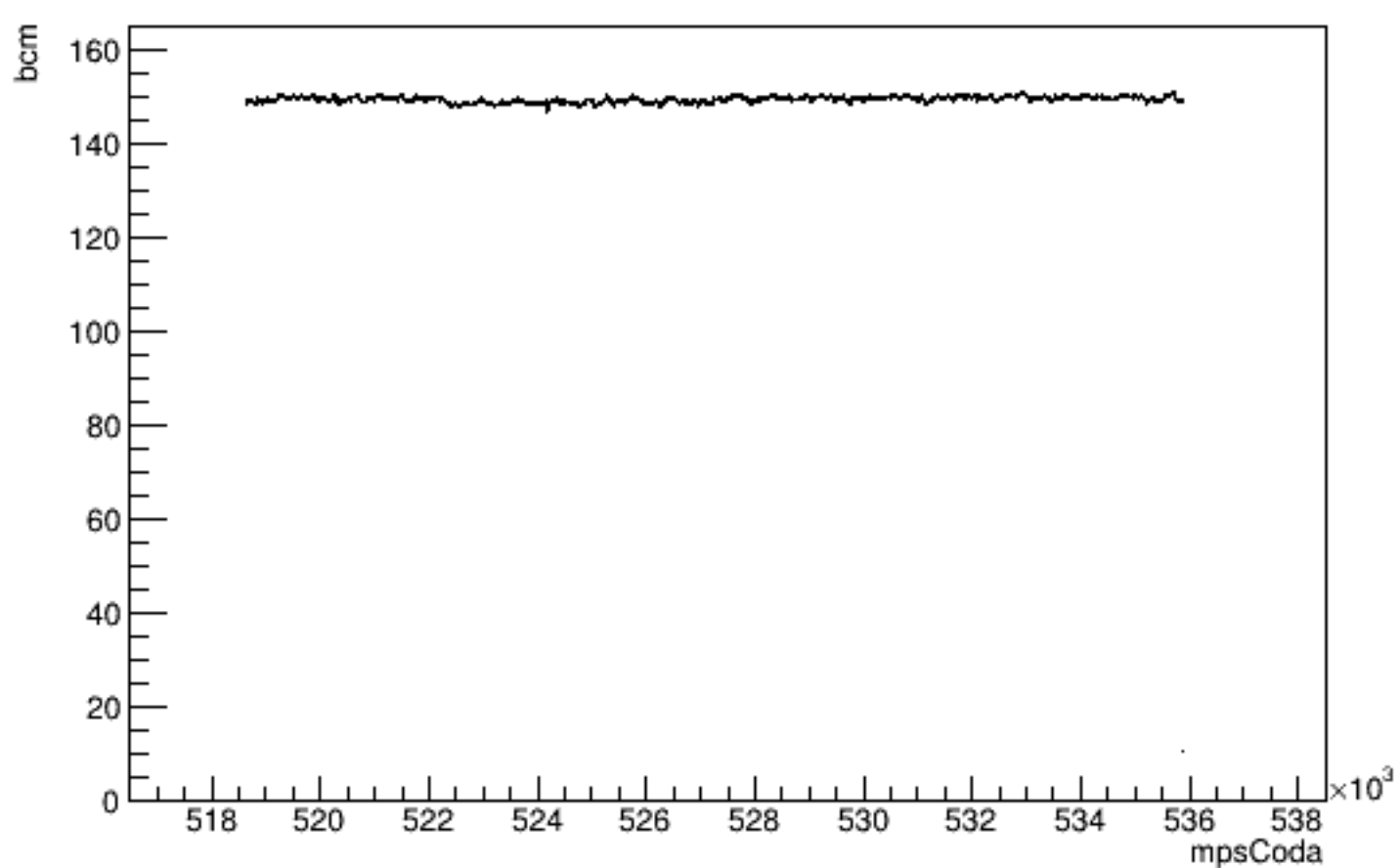
beamState + 1:mpsCoda {mpsCoda>=518618 && mpsCoda<=536453}



cavPowerCalibrated:mpsCoda {mpsCoda>=518618 && mpsCoda<=536453}



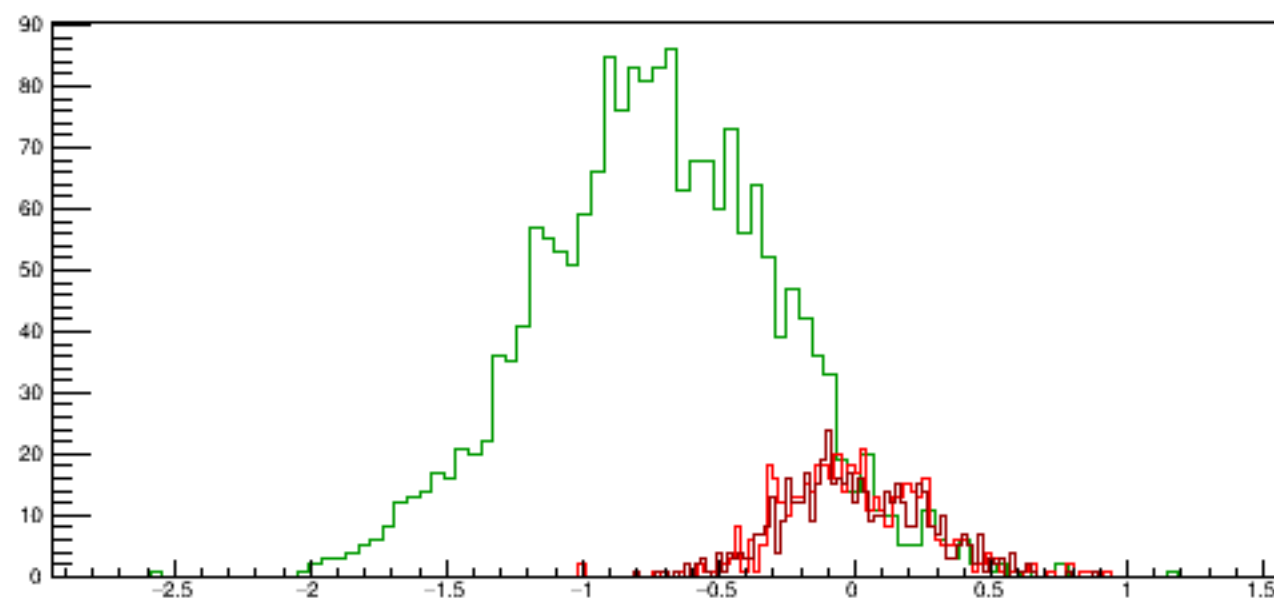
bcm:mpsCoda {mpsCoda>=518618 && mpsCoda<=536453}



Cycle 13, Diffs

Entries: 480	Entries: 1935	Entries: 515
Mean: -0.0065 +/- 0.0122	Mean: -0.7302 +/- 0.0102	Mean: -0.0028 +/- 0.0117
Std Dev: 0.2670 +/- 0.0086	Std Dev: 0.4479 +/- 0.0072	Std Dev: 0.2644 +/- 0.0082

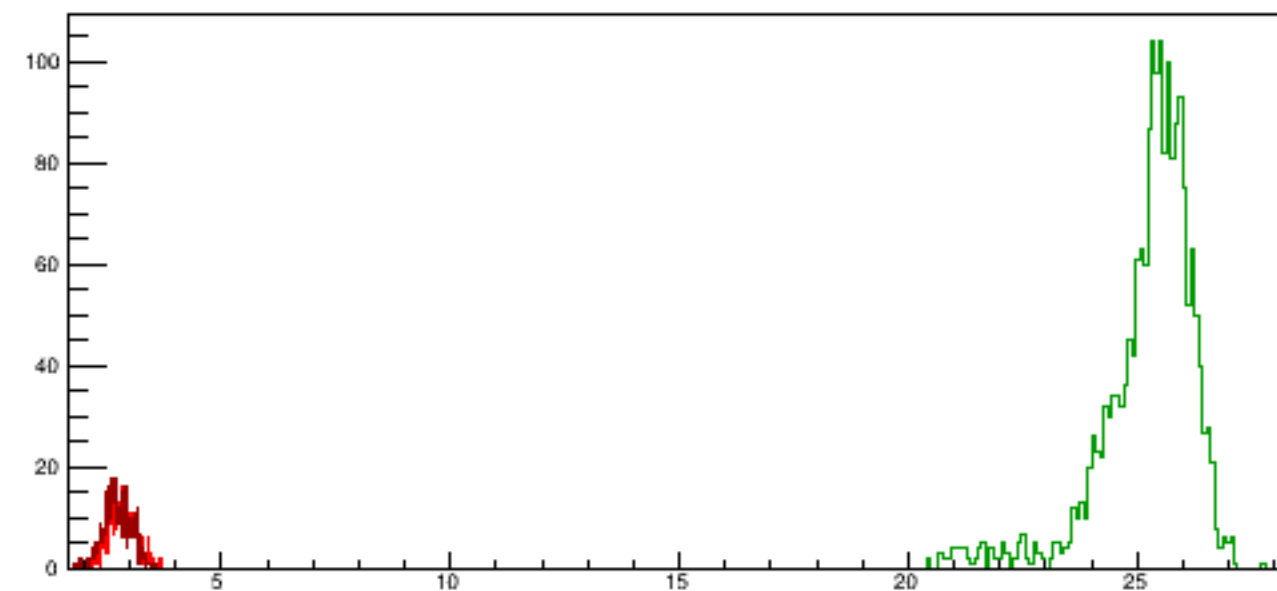
Run 5777 quartetwise, Diffs



Cycle 13, Sums

Entries: 480	Entries: 1935	Entries: 515
Mean: 2.8331 +/- 0.0136	Mean: 25.2500 +/- 0.0234	Mean: 2.7335 +/- 0.0136
Std Dev: 0.2975 +/- 0.0096	Std Dev: 1.0303 +/- 0.0166	Std Dev: 0.3079 +/- 0.0096

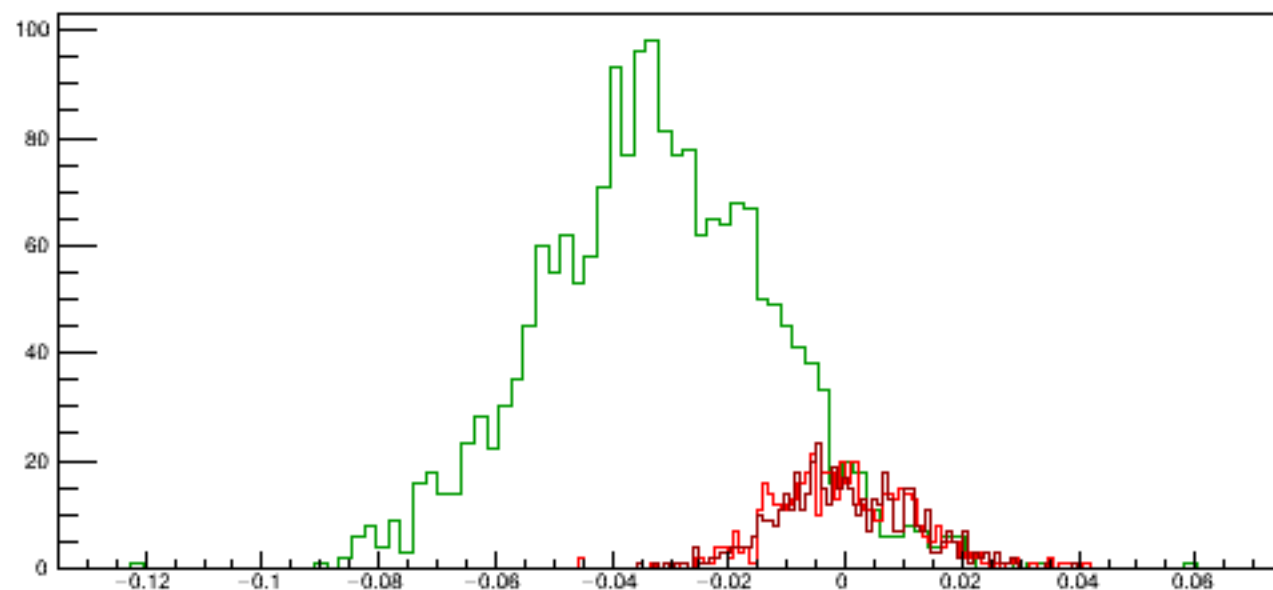
Run 5777 quartetwise, Sums



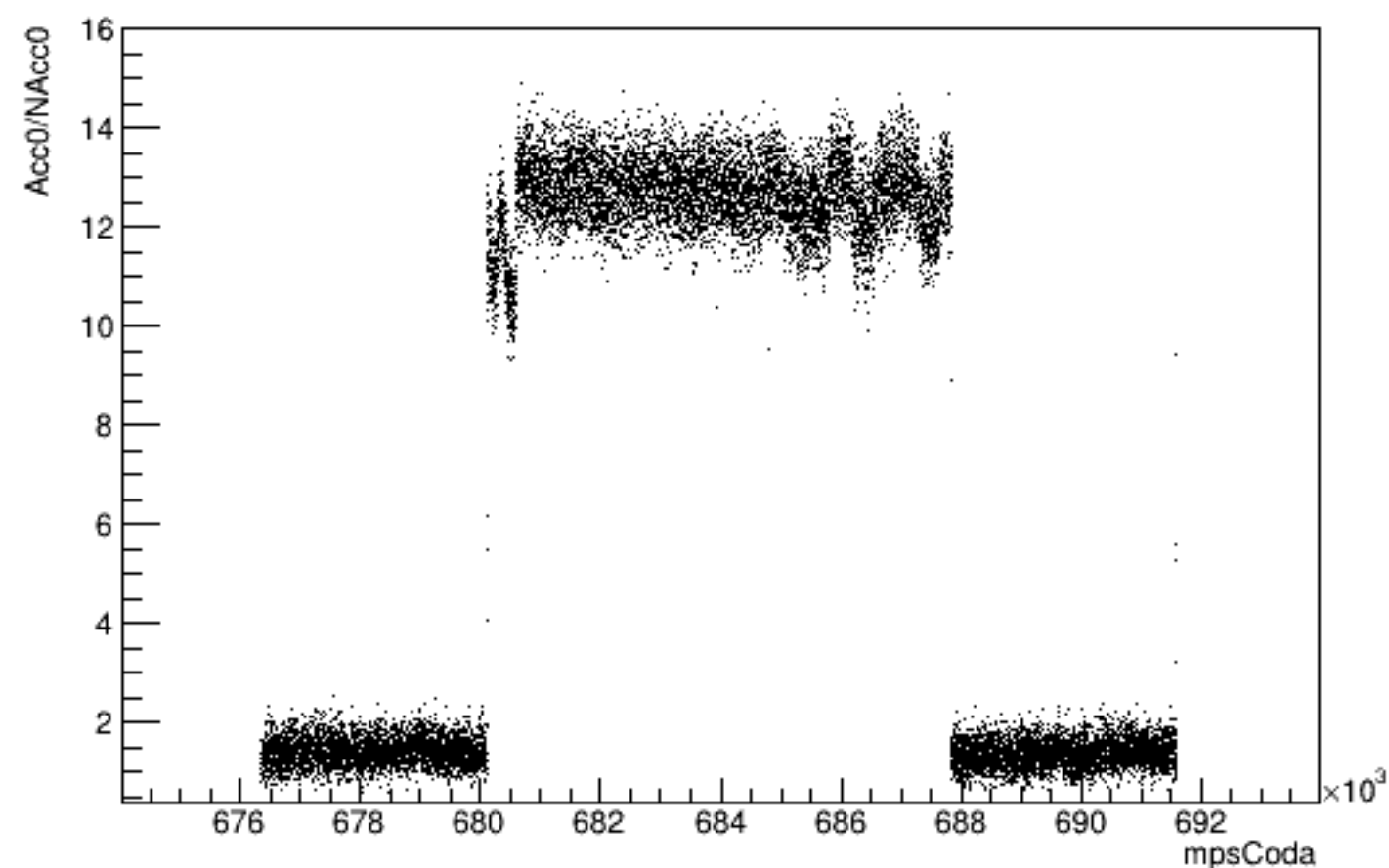
Cycle 13, Asyms

Entries: 480	Entries: 1935	Entries: 515
Mean: -0.0003 +/- 0.0005	Mean: -0.0325 +/- 0.0005	Mean: -0.0001 +/- 0.0005
Std Dev: 0.0119 +/- 0.0004	Std Dev: 0.0199 +/- 0.0003	Std Dev: 0.0118 +/- 0.0004

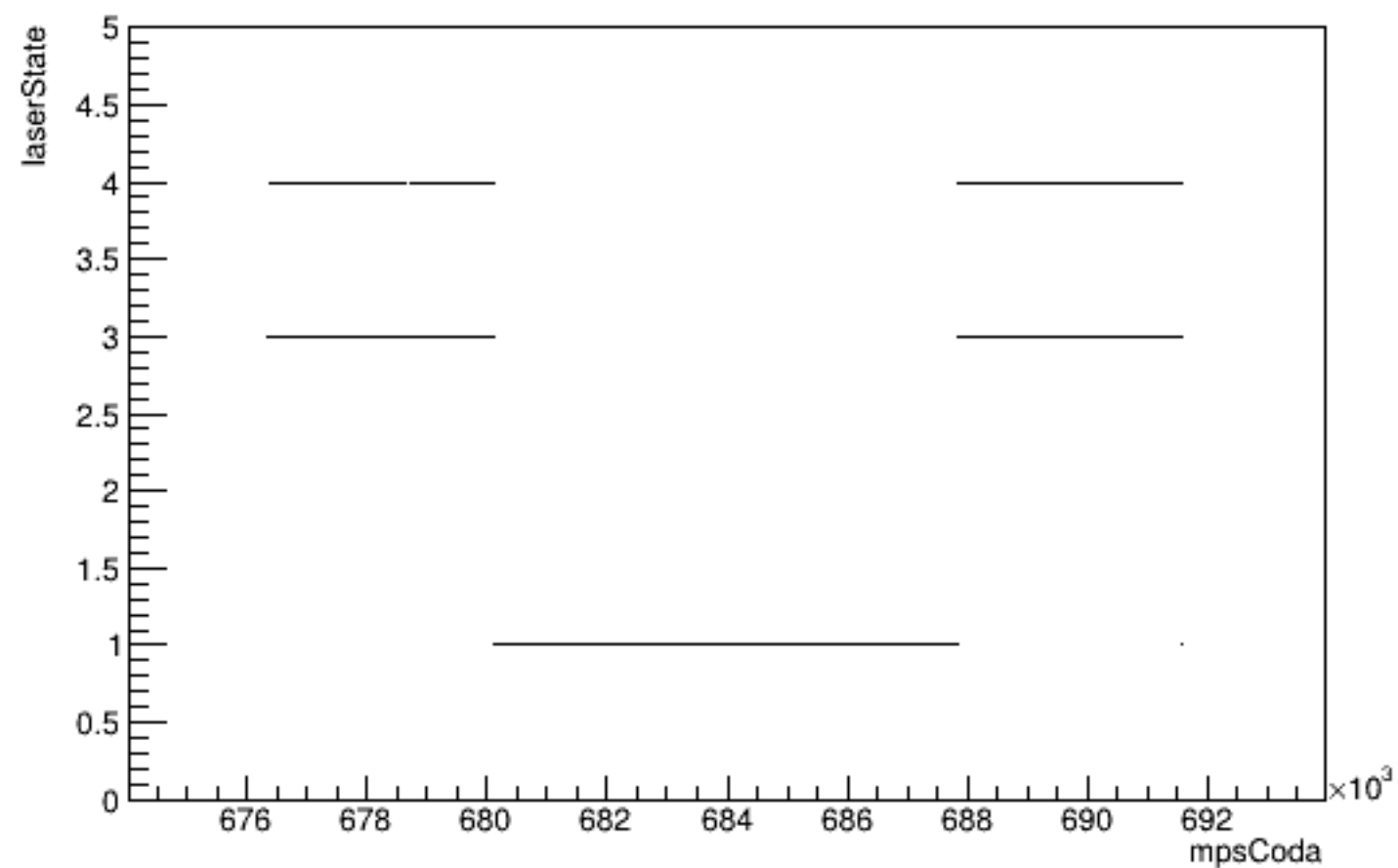
Run 5777 quartetwise, Asyms



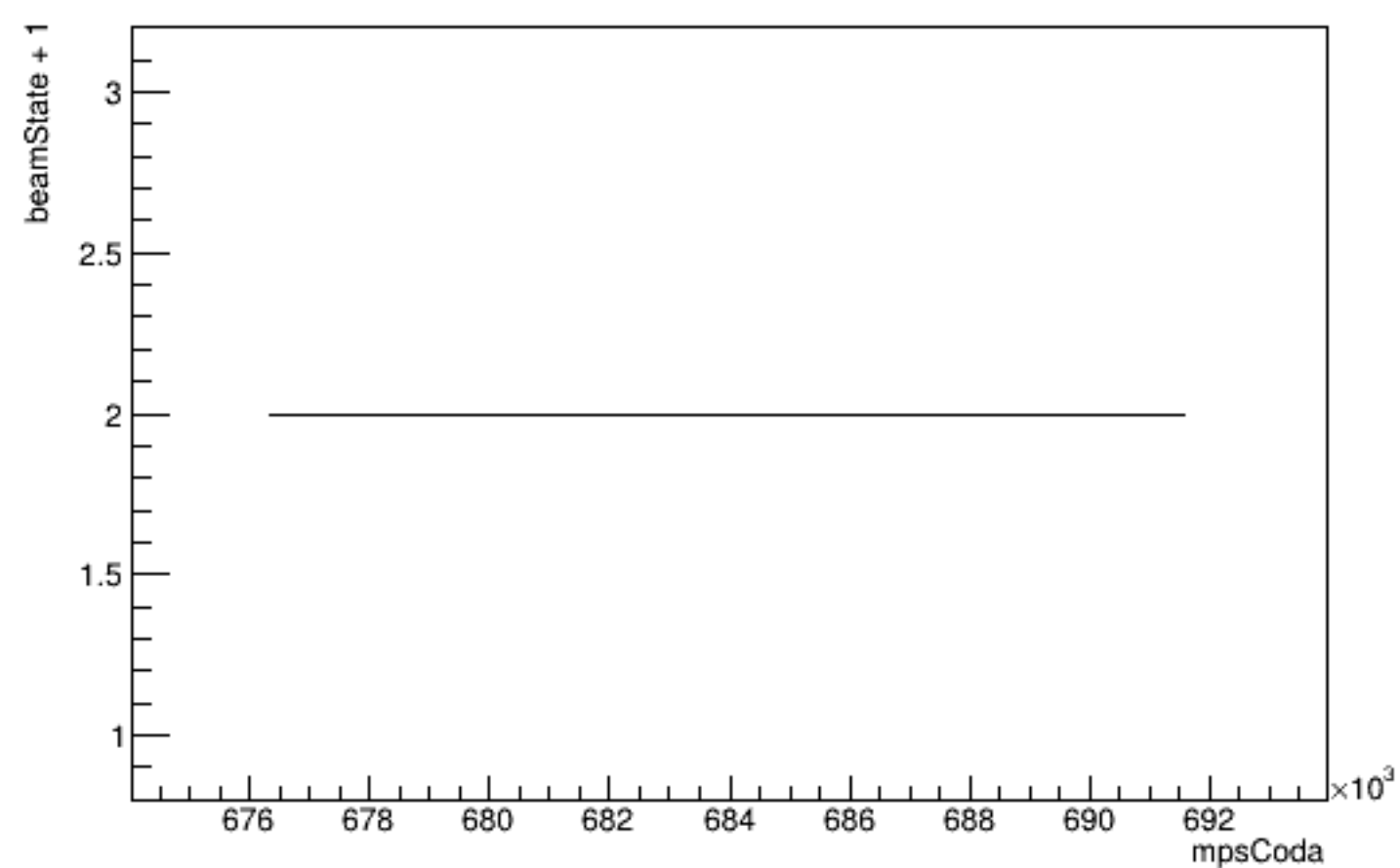
Acc0/NAcc0:mpsCoda (mpsCoda>=676346 && mpsCoda<=691597 && beamState==1)



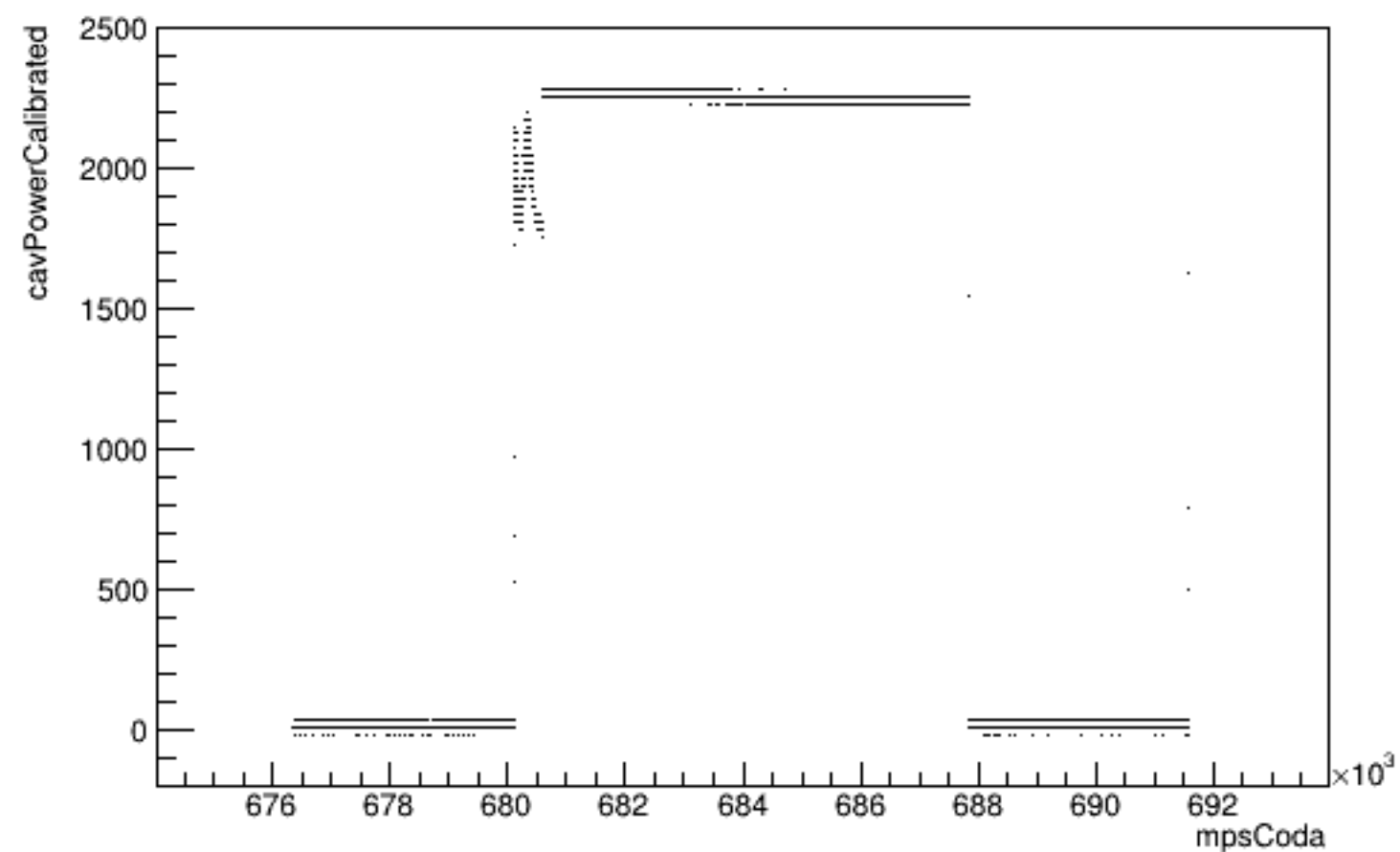
laserState:mpsCoda {mpsCoda>=676346 && mpsCoda<=691597}



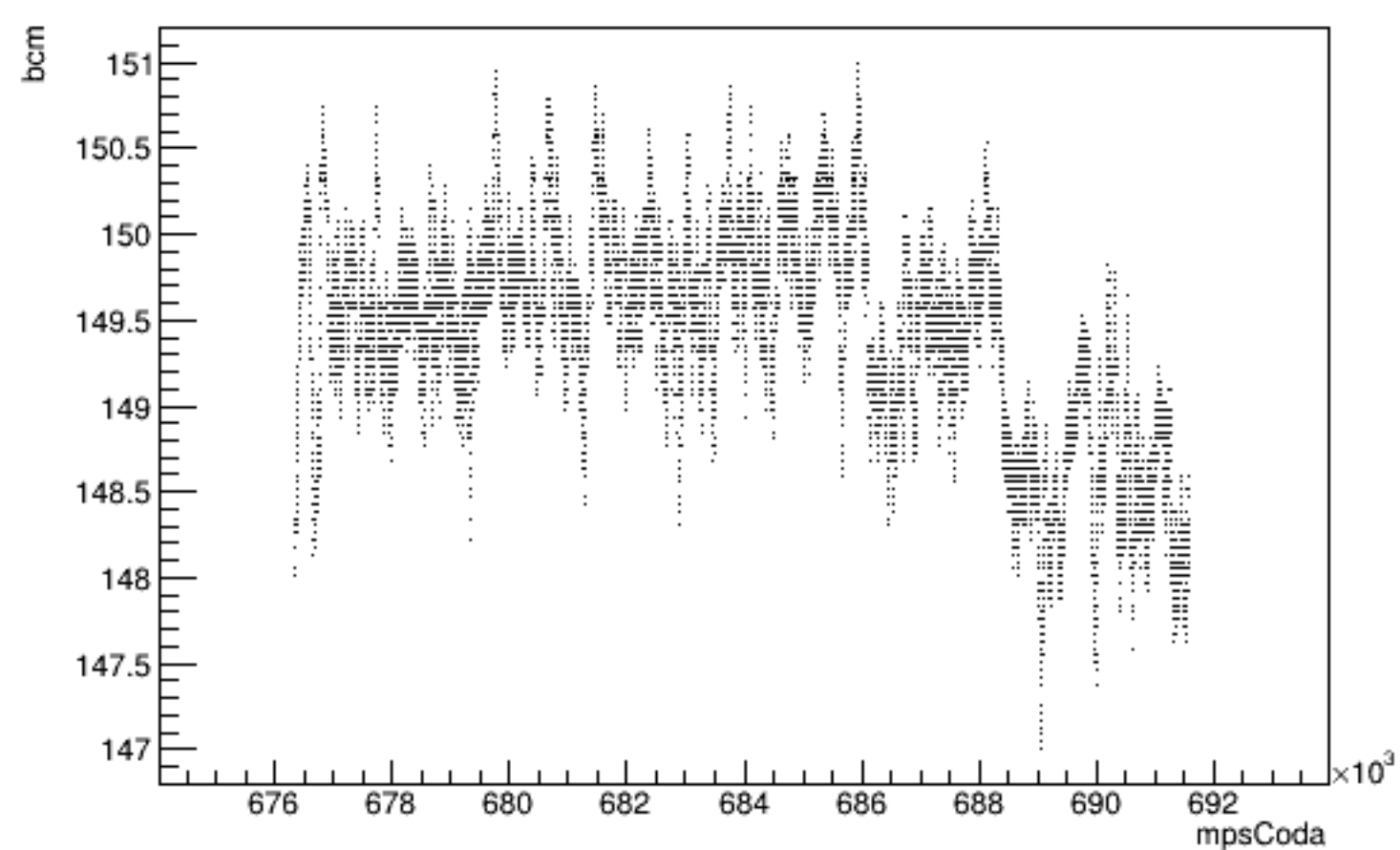
beamState + 1:mpsCoda {mpsCoda>=676346 && mpsCoda<=691597}



cavPowerCalibrated:mpsCoda {mpsCoda>=676346 && mpsCoda<=691597}



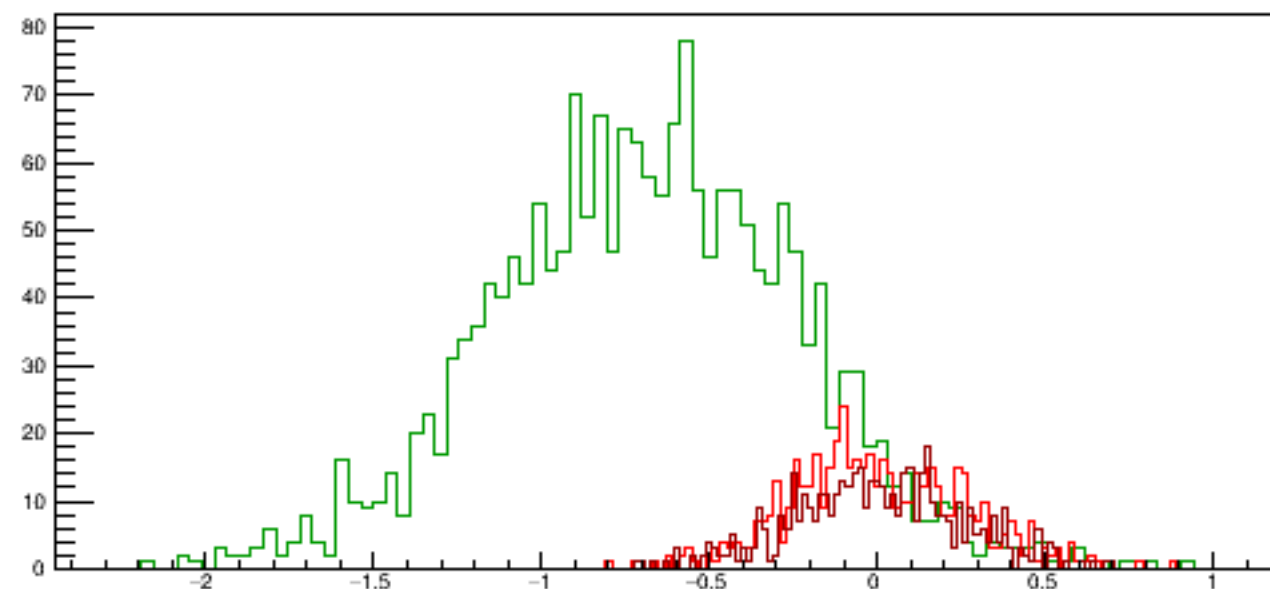
bcm:mpsCoda {mpsCoda>=676346 && mpsCoda<=691597}



Cycle 14, Diffs

Entries: 515	Entries: 1939	Entries: 475
Mean: -0.0028 +/- 0.0117	Mean: -0.6879 +/- 0.0102	Mean: -0.0001 +/- 0.0116
Std Dev: 0.2644 +/- 0.0082	Std Dev: 0.4504 +/- 0.0072	Std Dev: 0.2538 +/- 0.0082

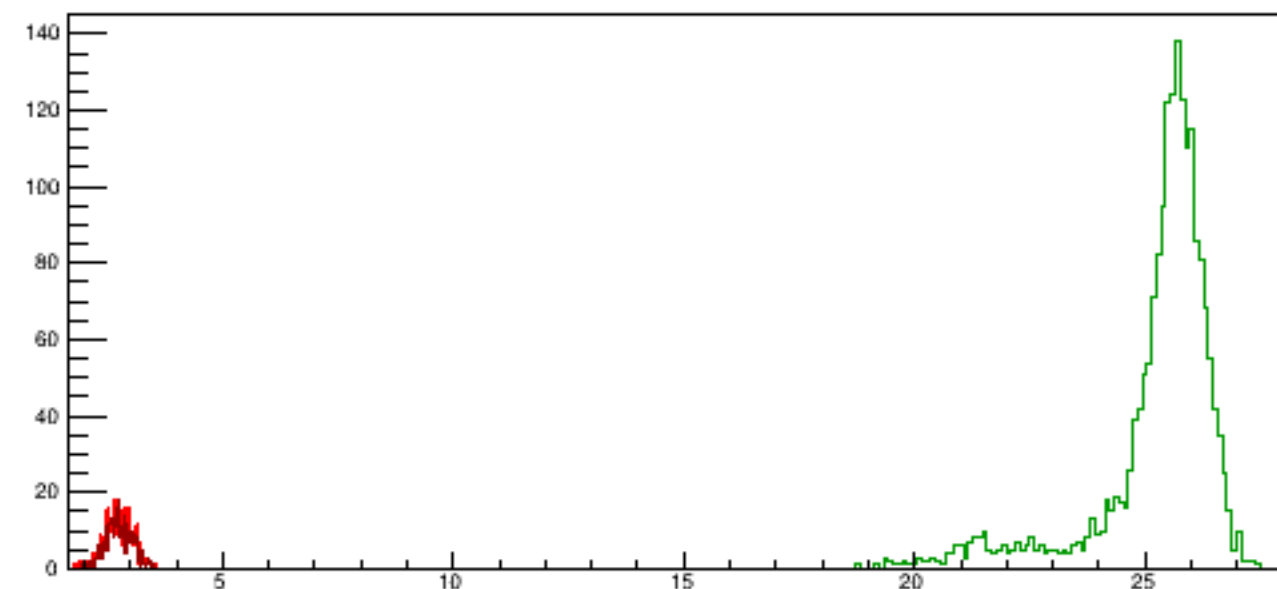
Run 5777 quartetwise, Diffs



Cycle 14, Sums

Entries: 515	Entries: 1939	Entries: 475
Mean: 2.7335 +/- 0.0136	Mean: 25.2557 +/- 0.0302	Mean: 2.7656 +/- 0.0126
Std Dev: 0.3079 +/- 0.0096	Std Dev: 1.3289 +/- 0.0213	Std Dev: 0.2757 +/- 0.0089

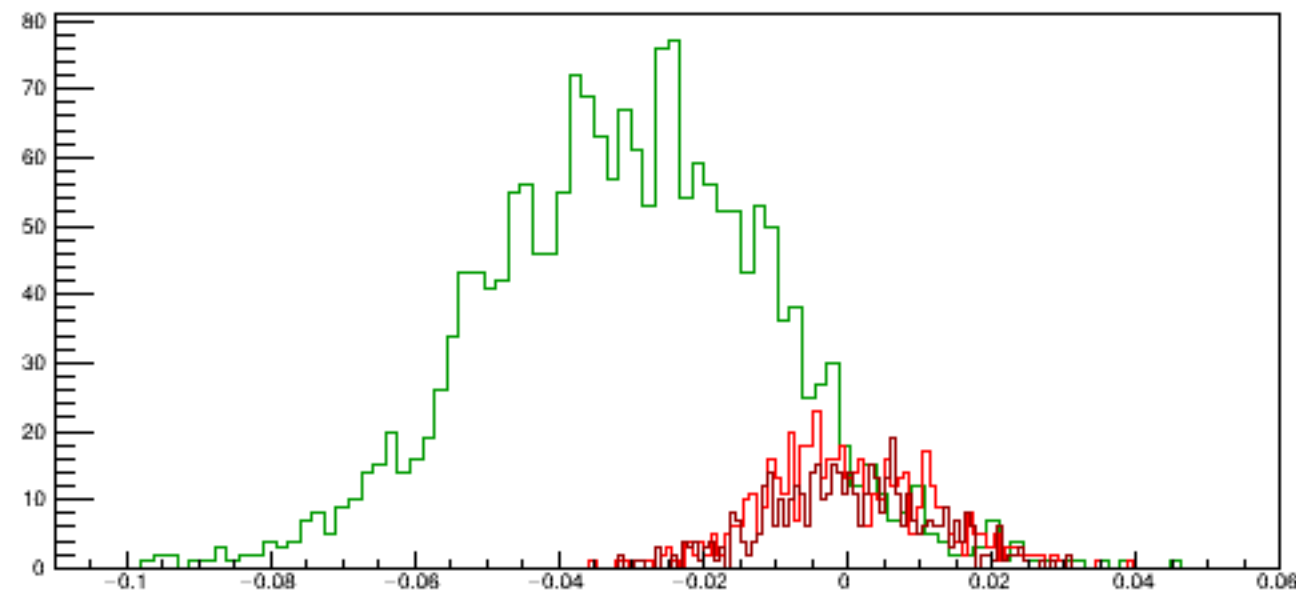
Run 5777 quartetwise, Sums



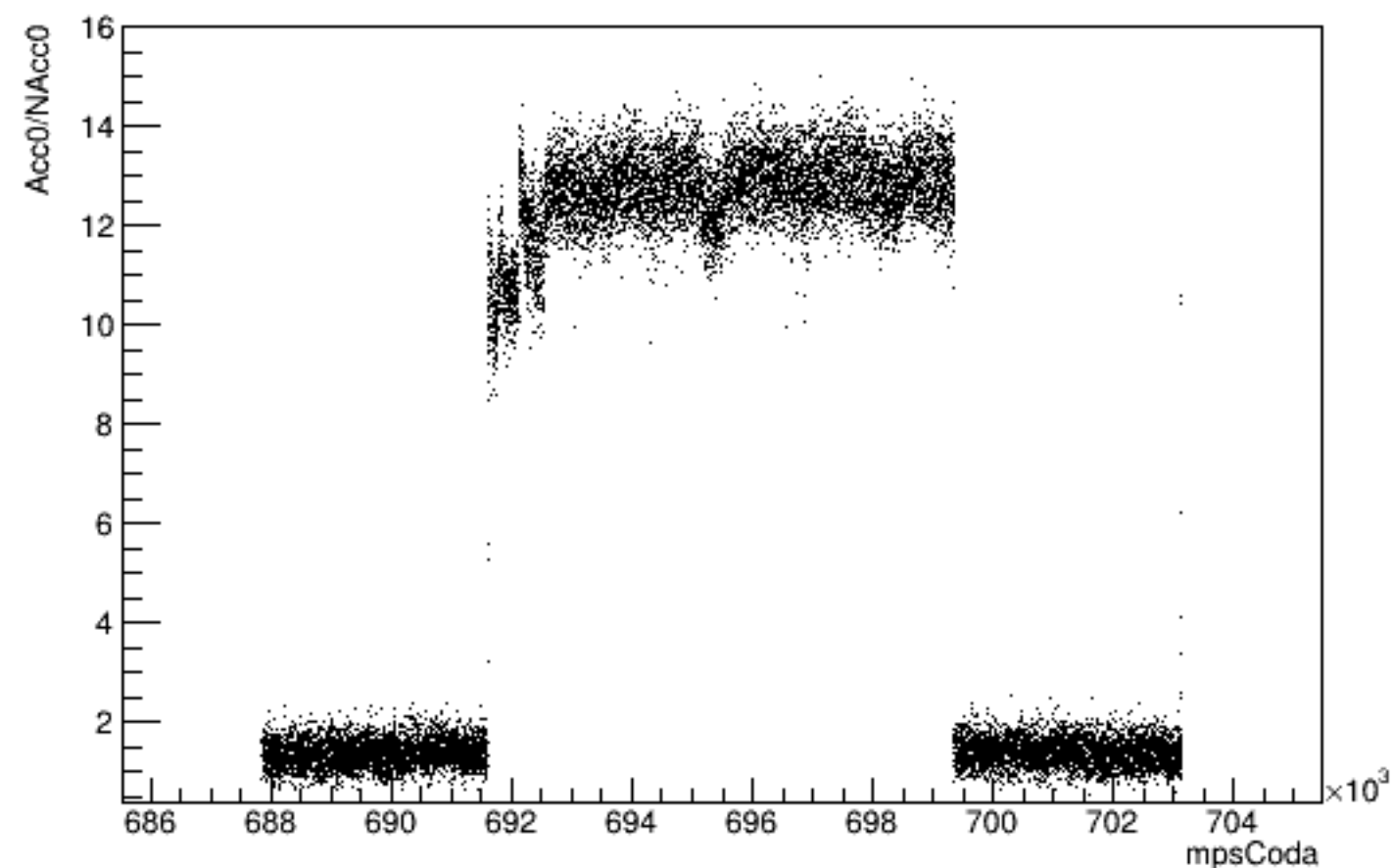
Cycle 14, Asyms

Entries: 515	Entries: 1939	Entries: 475
Mean: -0.0001 +/- 0.0005	Mean: -0.0305 +/- 0.0005	Mean: -0.0000 +/- 0.0005
Std Dev: 0.0117 +/- 0.0004	Std Dev: 0.0200 +/- 0.0003	Std Dev: 0.0113 +/- 0.0004

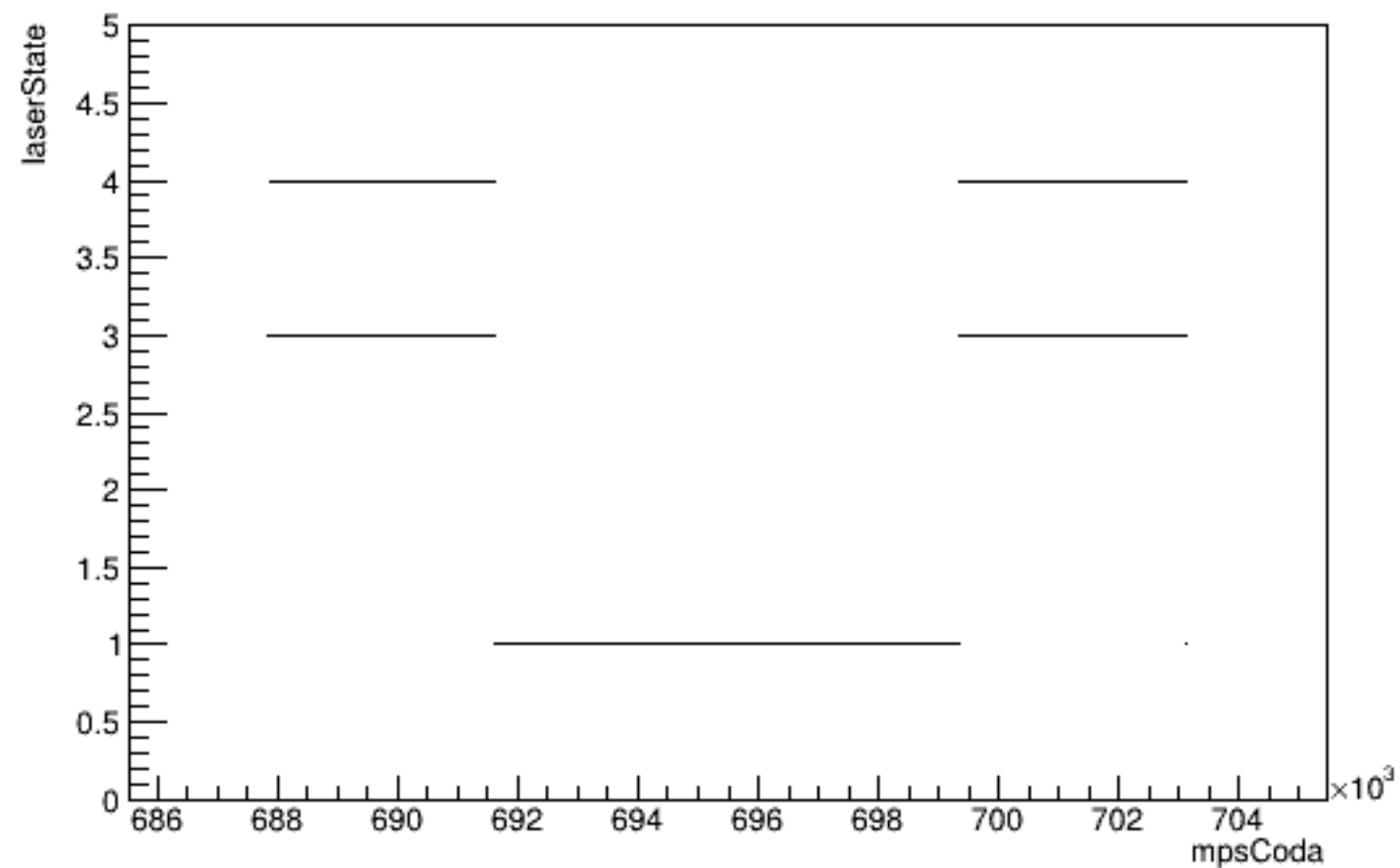
Run 5777 quartetwise, Asyms



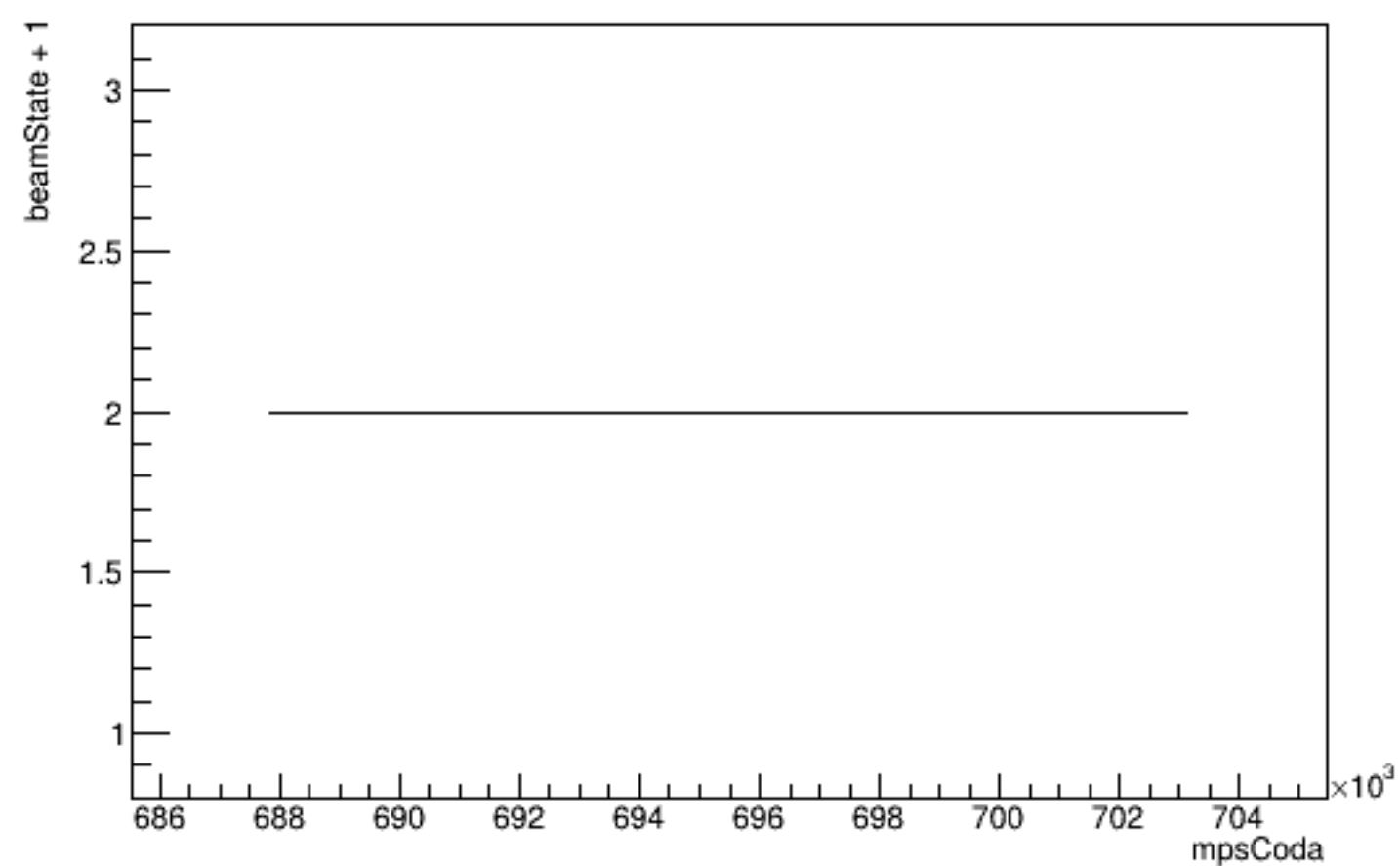
Acc0/NAcc0:mpsCoda (mpsCoda>=687850 && mpsCoda<=703137 && beamState==1)



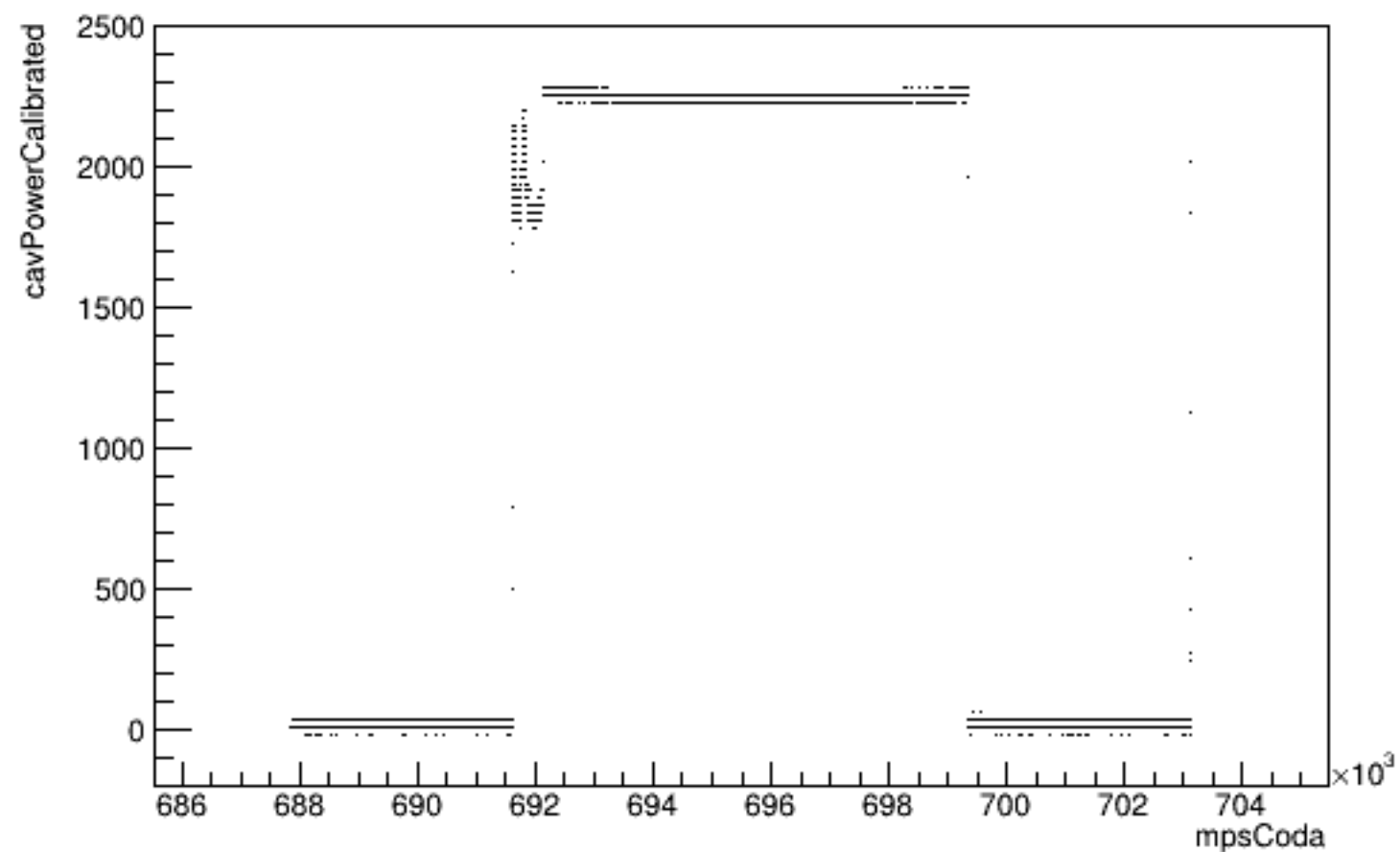
laserState:mpsCoda {mpsCoda>=687850 && mpsCoda<=703137}



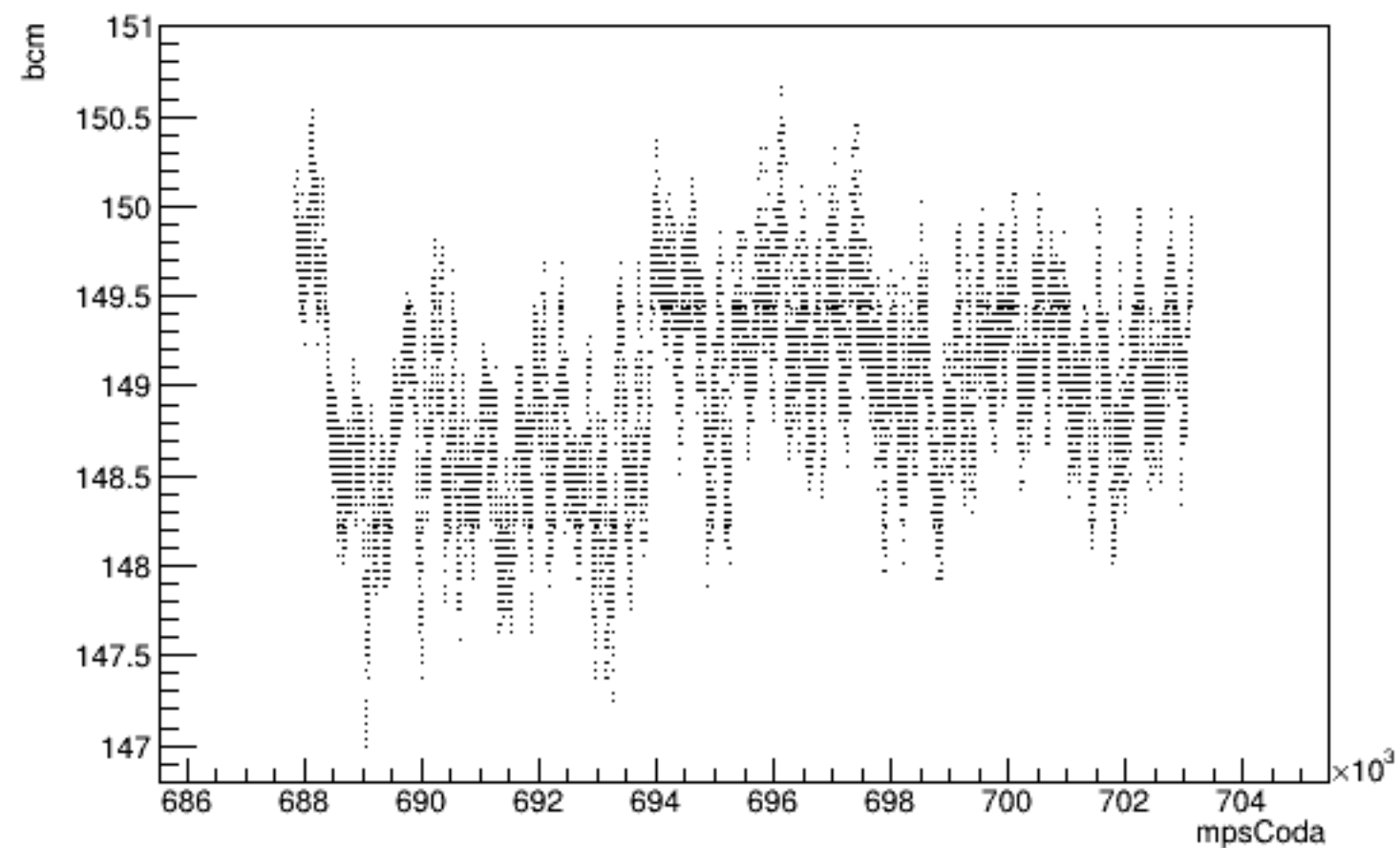
beamState + 1:mpsCoda {mpsCoda>=687850 && mpsCoda<=703137}



cavPowerCalibrated:mpsCoda {mpsCoda>=687850 && mpsCoda<=703137}



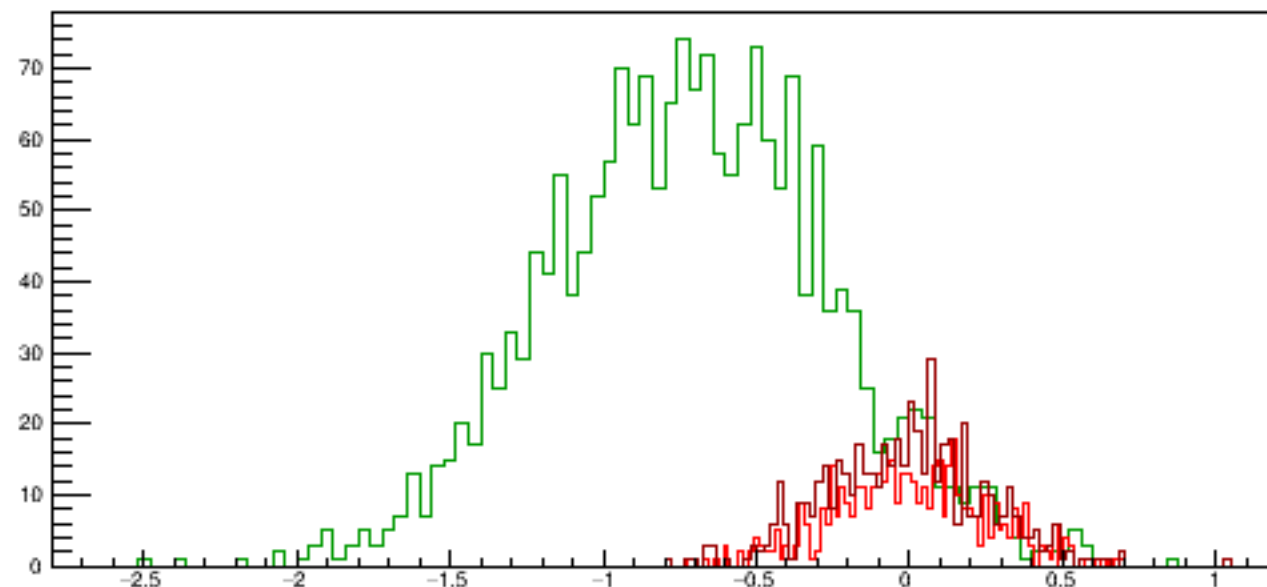
bcm:mpsCoda {mpsCoda>=687850 && mpsCoda<=703137}



Cycle 15, Diffs

Entries: 475	Entries: 1944	Entries: 517
Mean: -0.0001 +/- 0.0116	Mean: -0.7167 +/- 0.0104	Mean: -0.0173 +/- 0.0115
Std Dev: 0.2538 +/- 0.0082	Std Dev: 0.4571 +/- 0.0073	Std Dev: 0.2617 +/- 0.0081

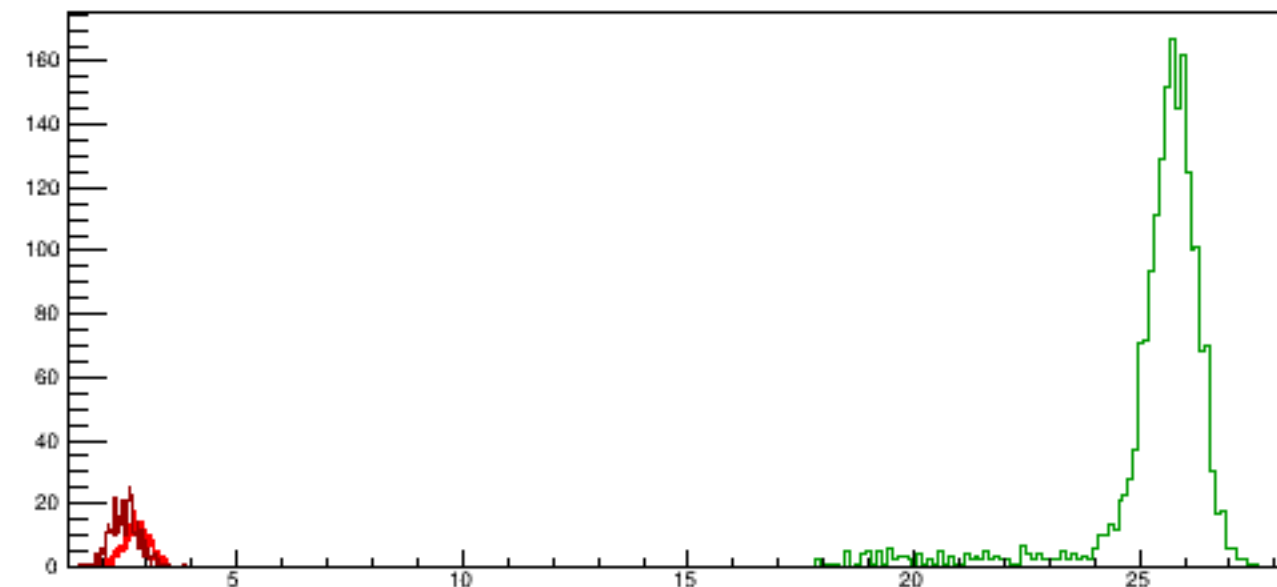
Run 5777 quartetwise, Diffs



Cycle 15, Sums

Entries: 475	Entries: 1944	Entries: 517
Mean: 2.7656 +/- 0.0126	Mean: 25.3999 +/- 0.0310	Mean: 2.5221 +/- 0.0143
Std Dev: 0.2757 +/- 0.0089	Std Dev: 1.3661 +/- 0.0219	Std Dev: 0.3244 +/- 0.0101

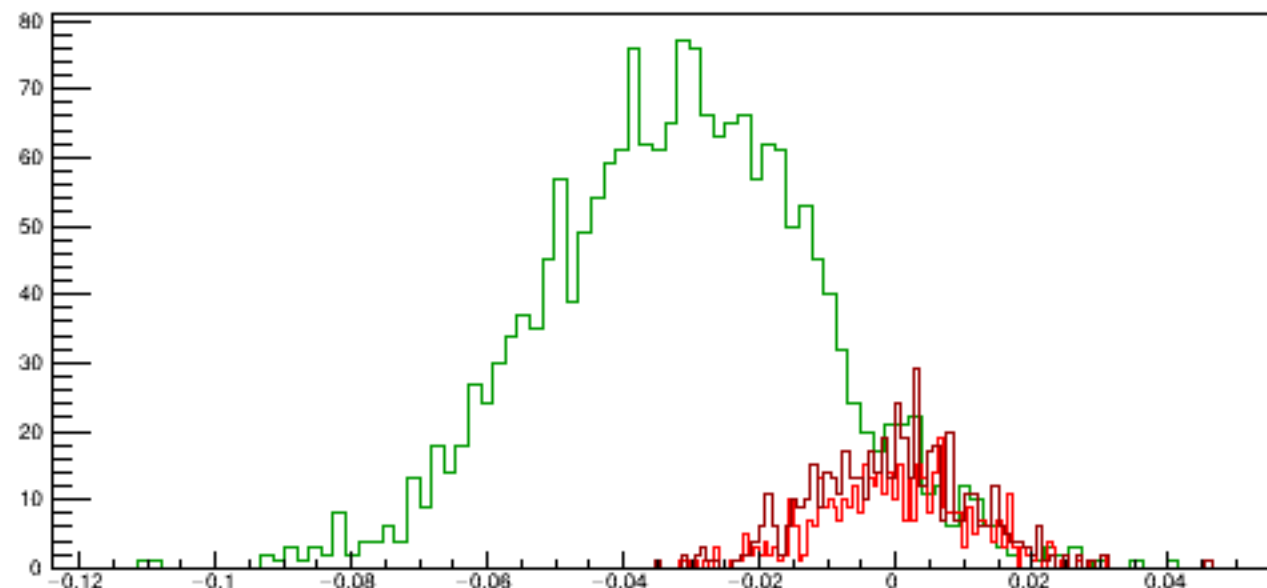
Run 5777 quartetwise, Sums



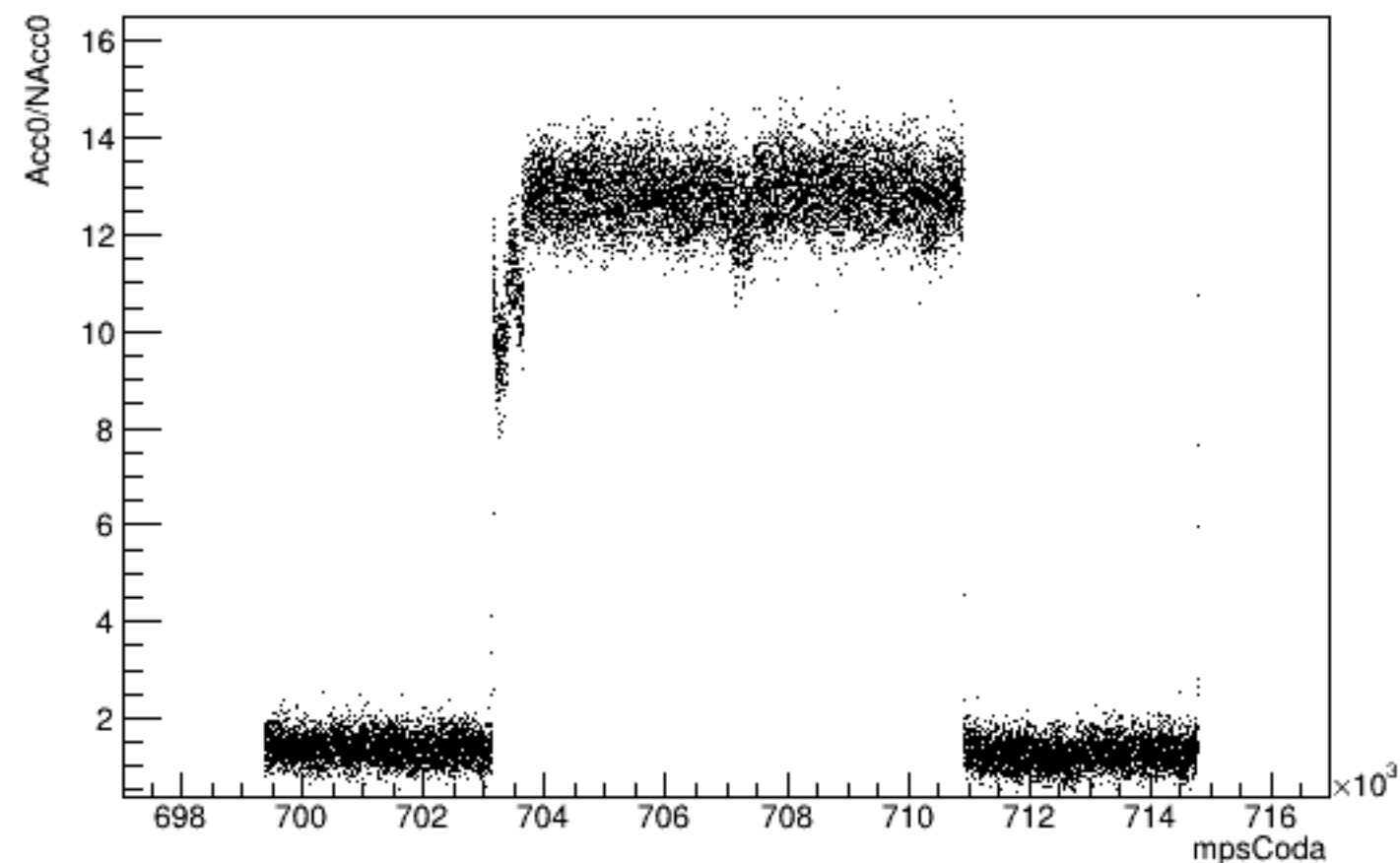
Cycle 15, Asyms

Entries: 475	Entries: 1944	Entries: 517
Mean: -0.0000 +/- 0.0005	Mean: -0.0315 +/- 0.0005	Mean: -0.0008 +/- 0.0005
Std Dev: 0.0112 +/- 0.0004	Std Dev: 0.0202 +/- 0.0003	Std Dev: 0.0115 +/- 0.0004

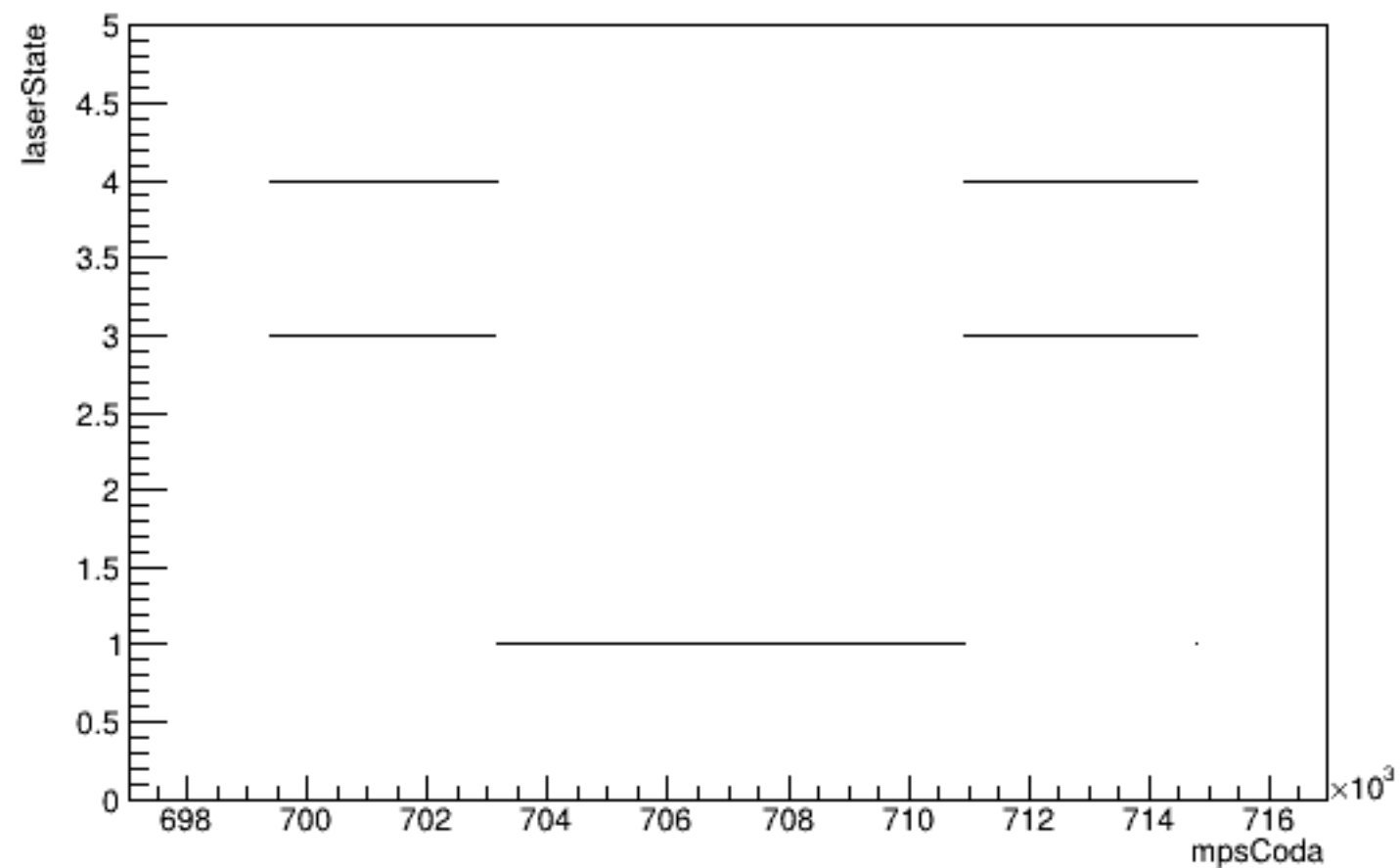
Run 5777 quartetwise, Asyms



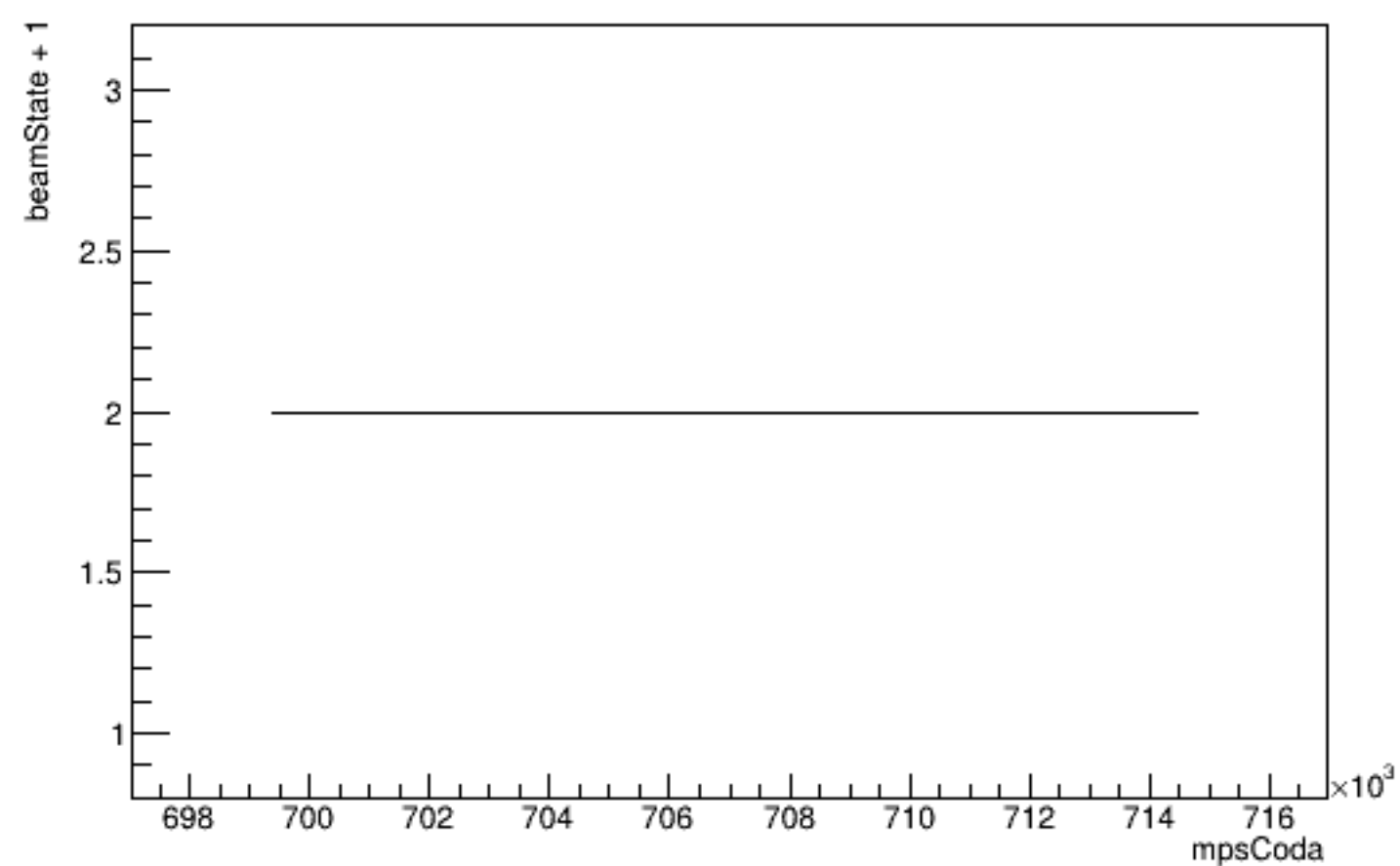
Acc0/NAcc0:mpsCoda (mpsCoda>=699358 && mpsCoda<=714789 && beamState==1)



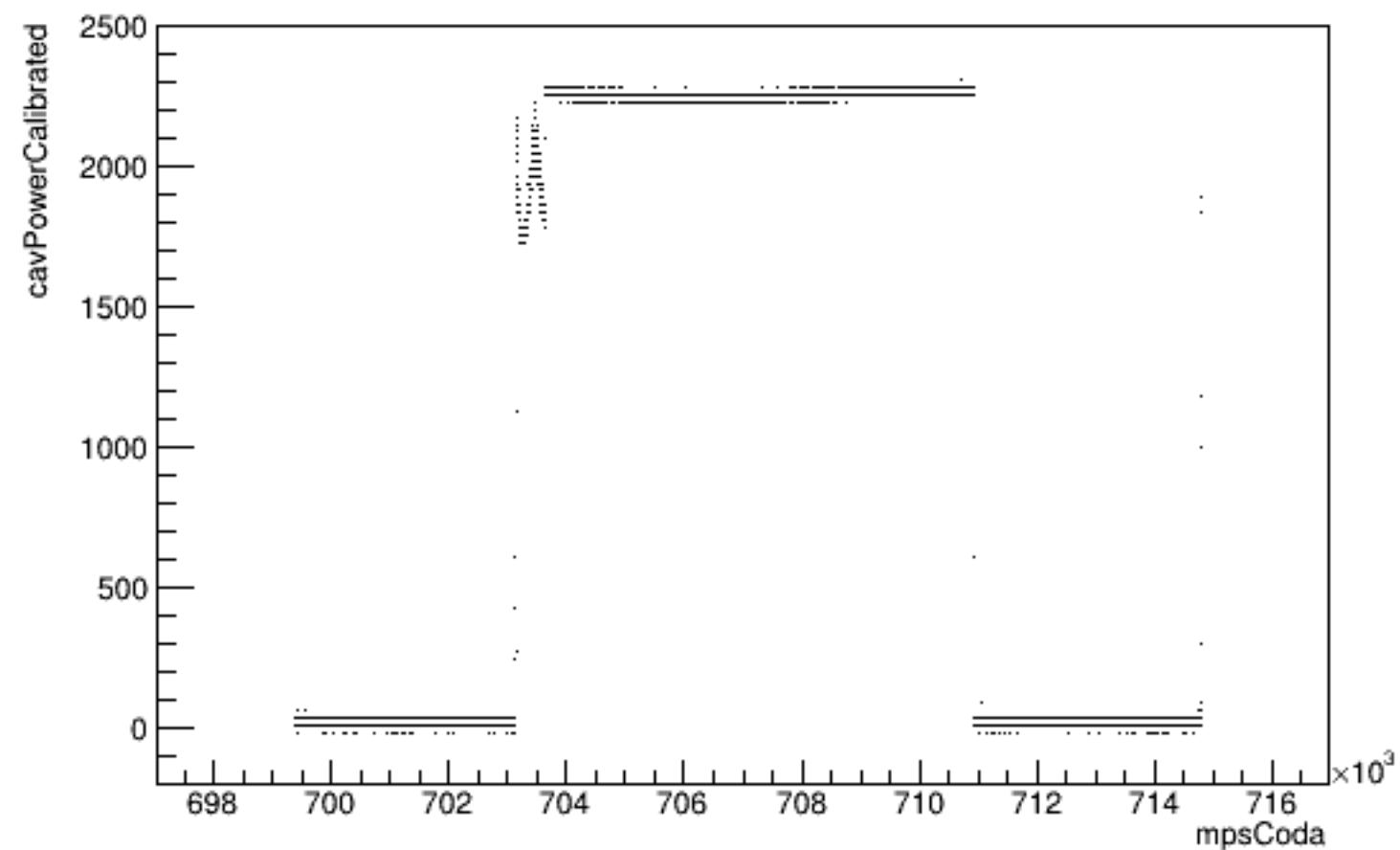
laserState:mpsCoda {mpsCoda>=699358 && mpsCoda<=714789}



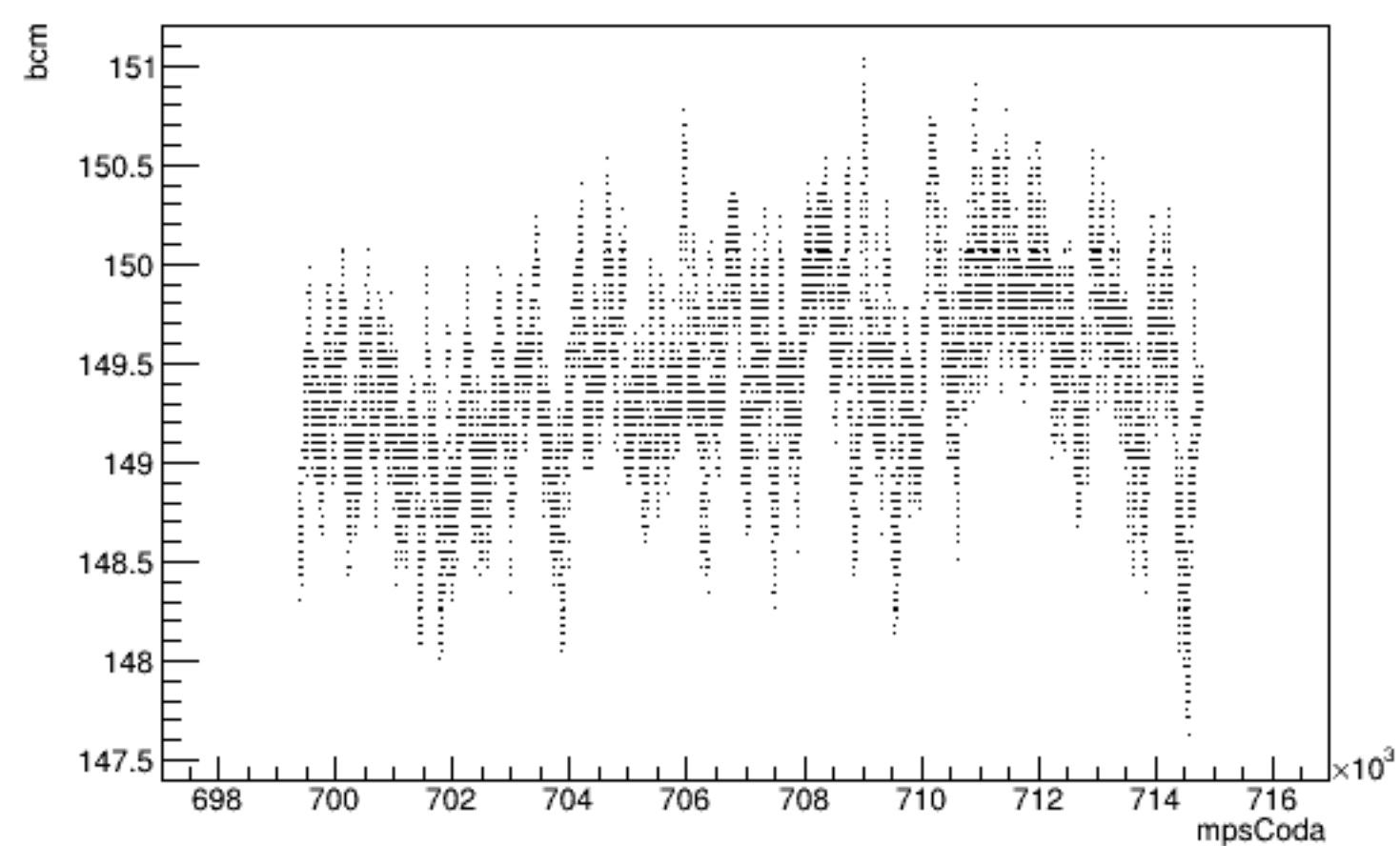
beamState + 1:mpsCoda {mpsCoda>=699358 && mpsCoda<=714789}



cavPowerCalibrated:mpsCoda {mpsCoda>=699358 && mpsCoda<=714789}



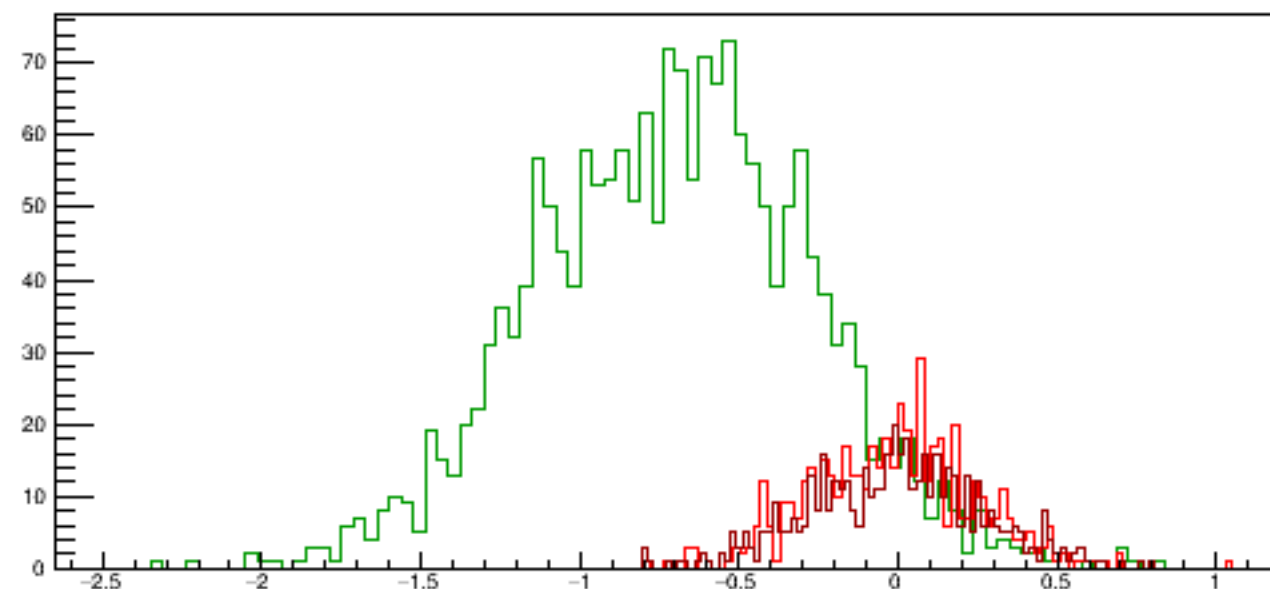
bcm:mpsCoda {mpsCoda>=699358 && mpsCoda<=714789}



Cycle 16, Diffs

Entries: 517	Entries: 1894	Entries: 502
Mean: -0.0173 +/- 0.0115	Mean: -0.7060 +/- 0.0100	Mean: -0.0114 +/- 0.0124
Std Dev: 0.2617 +/- 0.0081	Std Dev: 0.4341 +/- 0.0071	Std Dev: 0.2768 +/- 0.0087

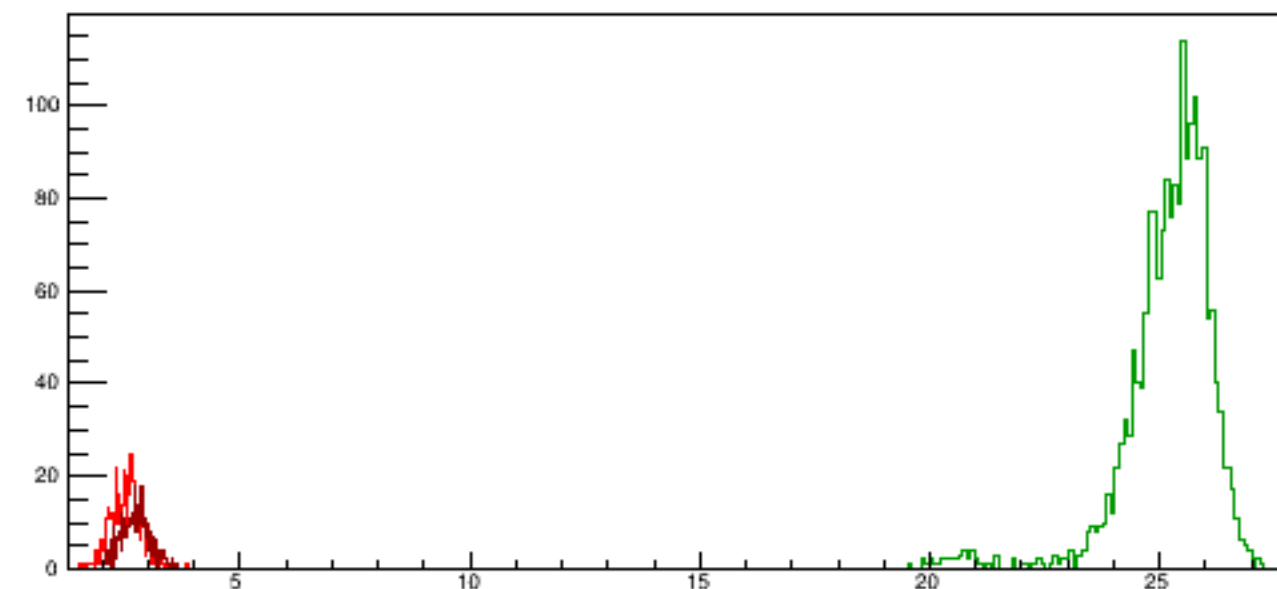
Run 5777 quartetwise, Diffs



Cycle 16, Sums

Entries: 517	Entries: 1894	Entries: 502
Mean: 2.5221 +/- 0.0143	Mean: 25.2027 +/- 0.0226	Mean: 2.7307 +/- 0.0140
Std Dev: 0.3244 +/- 0.0101	Std Dev: 0.9815 +/- 0.0159	Std Dev: 0.3144 +/- 0.0099

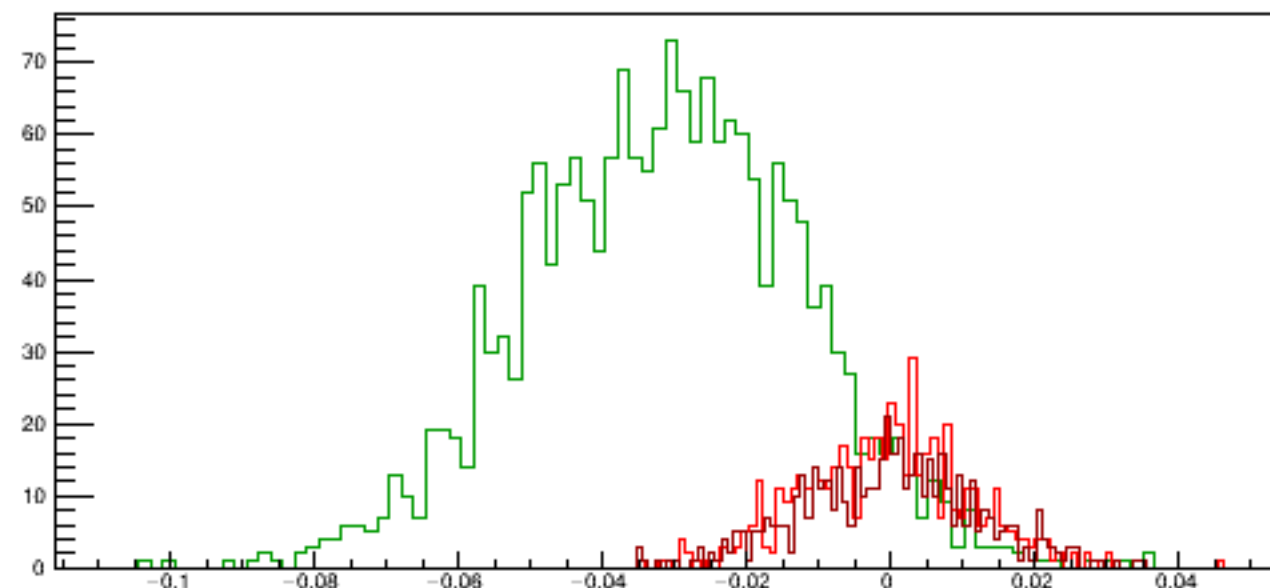
Run 5777 quartetwise, Sums



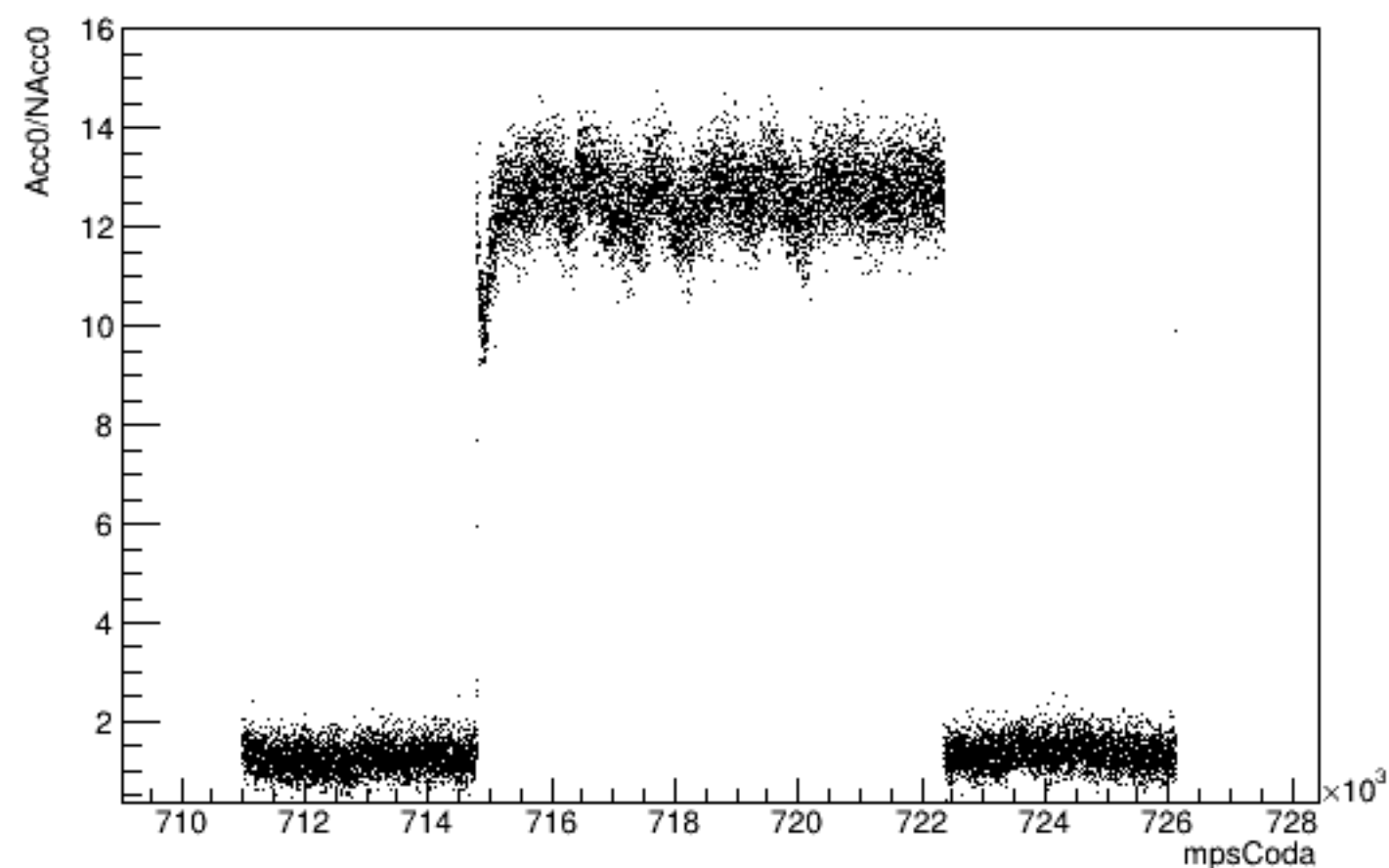
Cycle 16, Asyms

Entries: 517	Entries: 1894	Entries: 502
Mean: -0.0008 +/- 0.0005	Mean: -0.0313 +/- 0.0004	Mean: -0.0005 +/- 0.0005
Std Dev: 0.0116 +/- 0.0004	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0123 +/- 0.0004

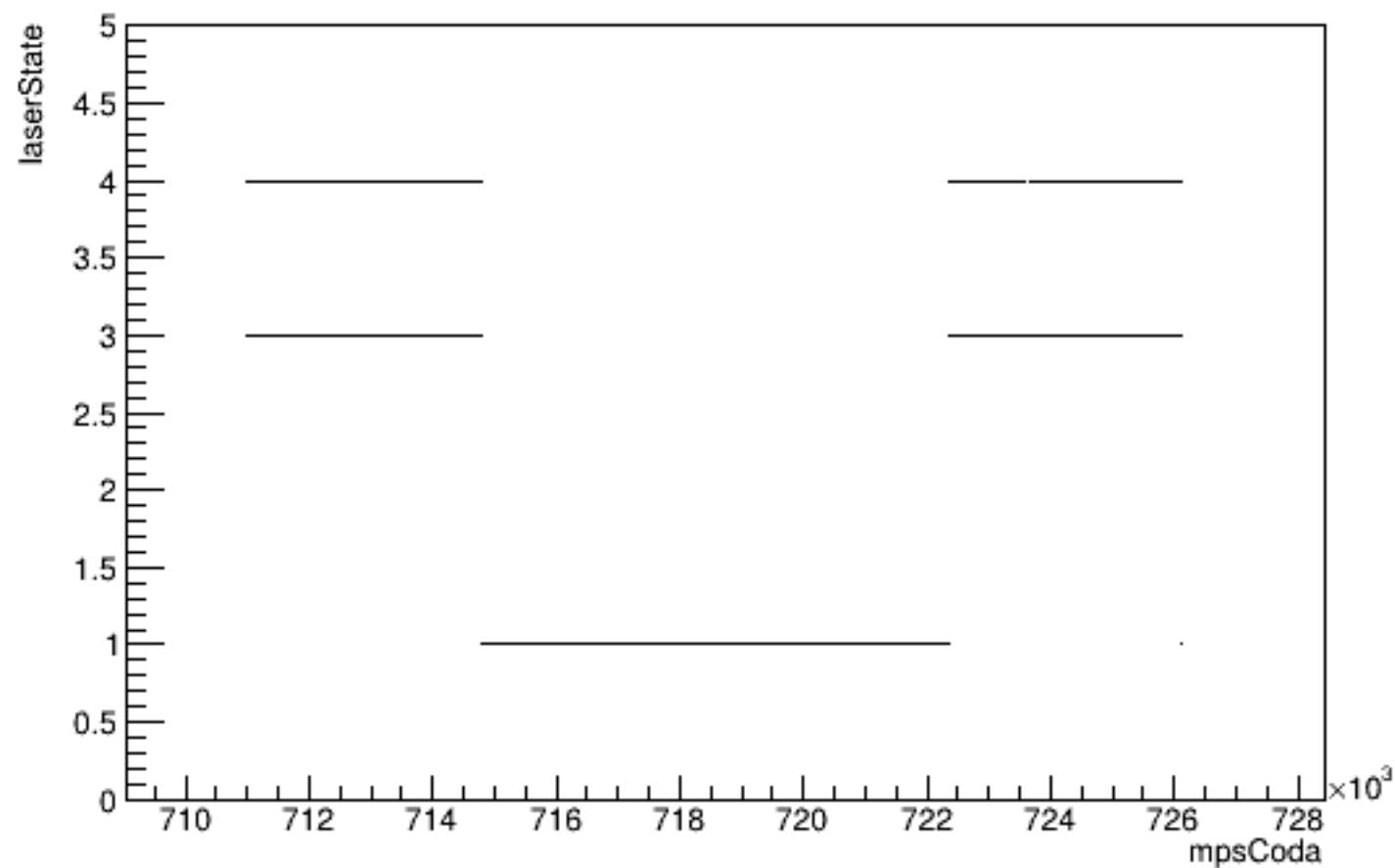
Run 5777 quartetwise, Asyms



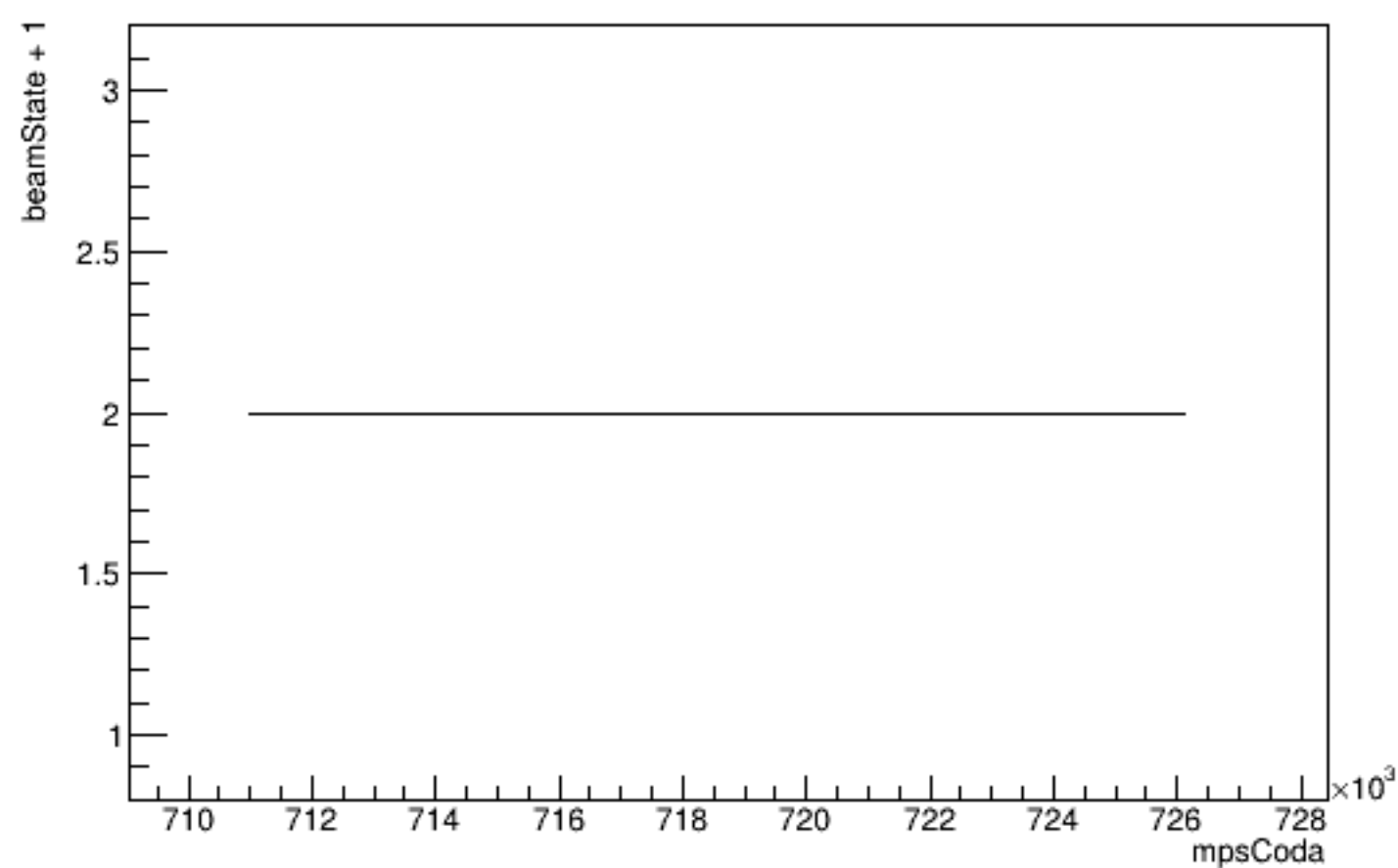
Acc0/NAcc0:mpsCoda (mpsCoda>=710998 && mpsCoda<=726125 && beamState==1)



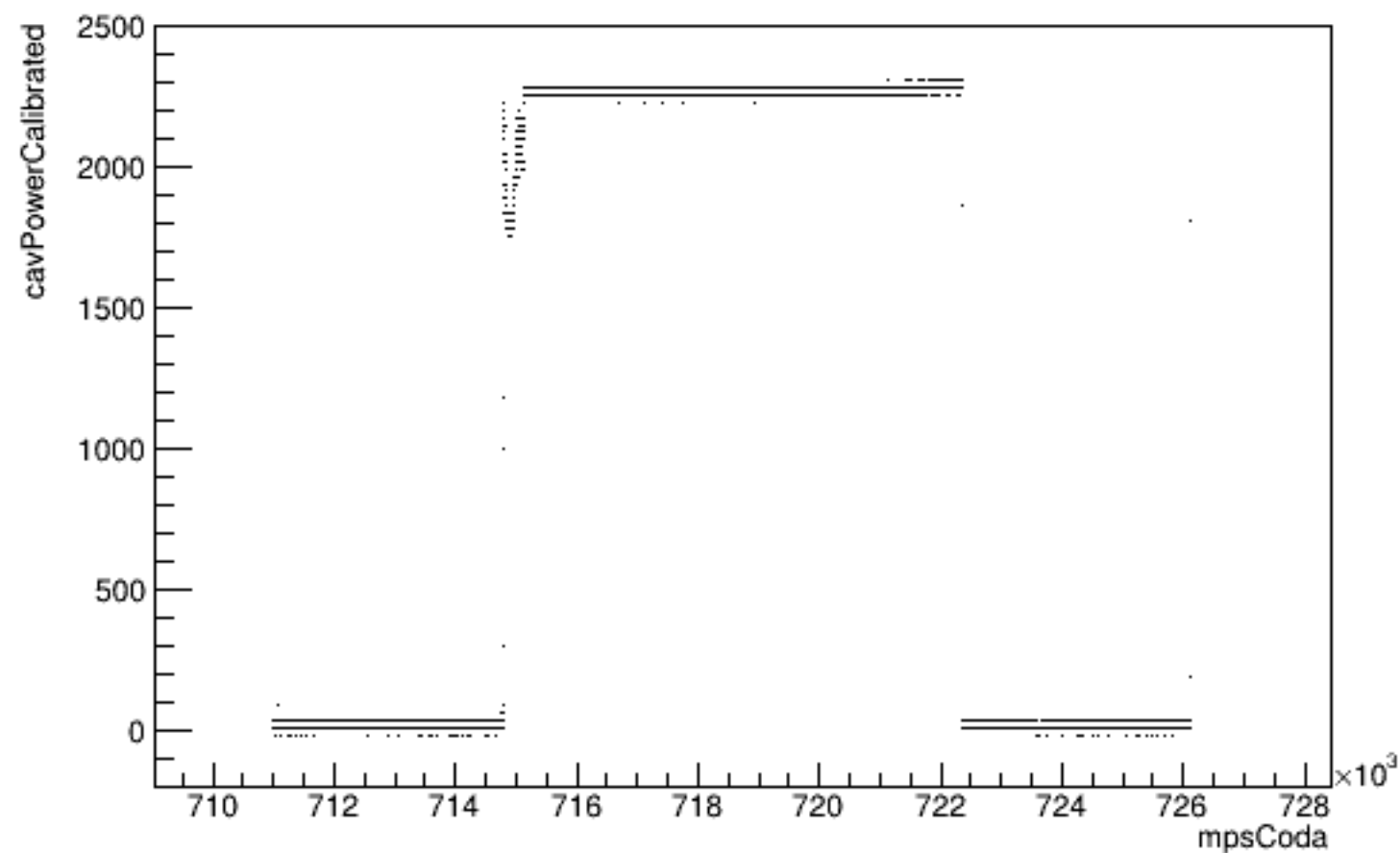
laserState:mpsCoda {mpsCoda>=710998 && mpsCoda<=726125}



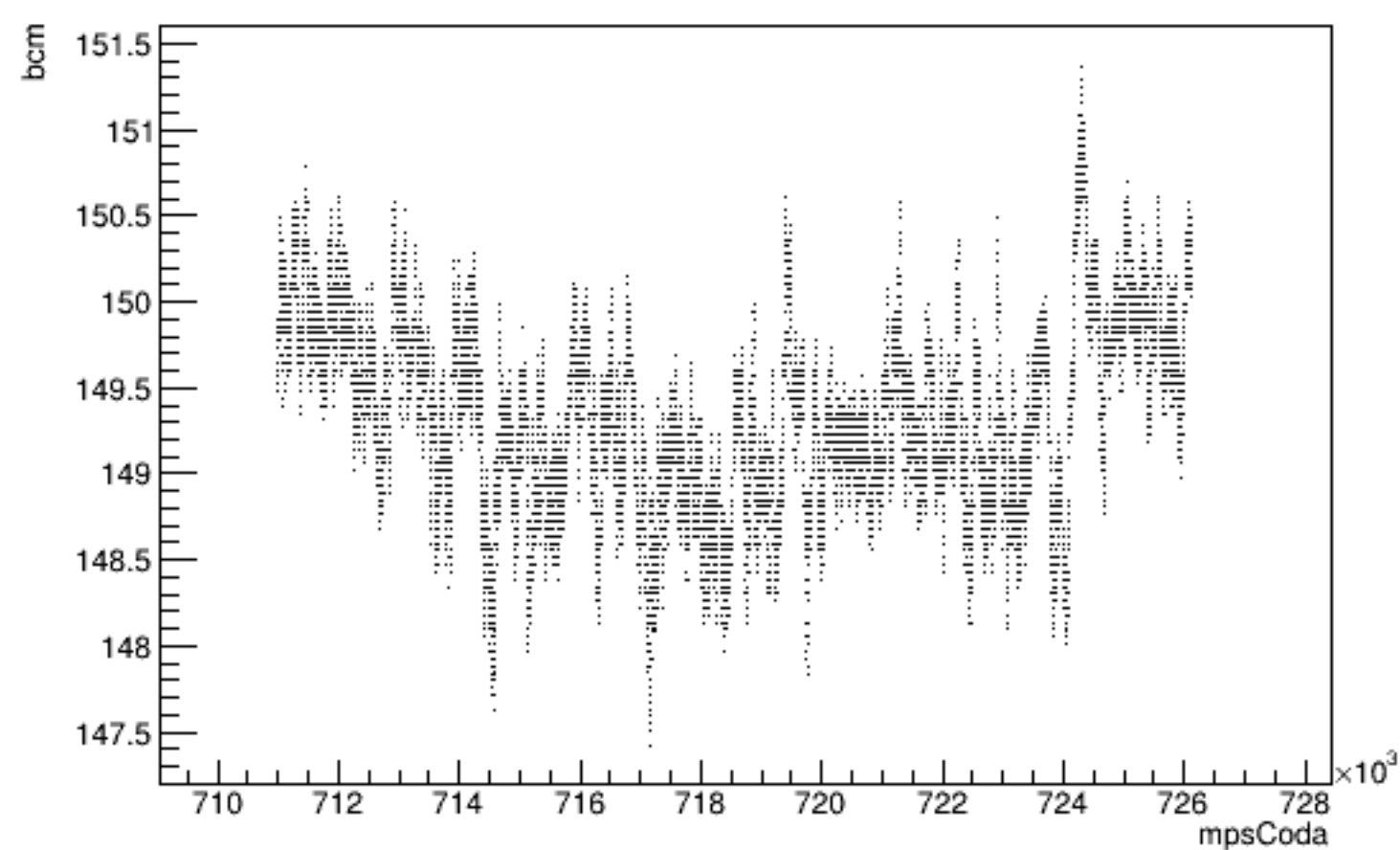
beamState + 1:mpsCoda {mpsCoda>=710998 && mpsCoda<=726125}



cavPowerCalibrated:mpsCoda {mpsCoda>=710998 && mpsCoda<=726125}



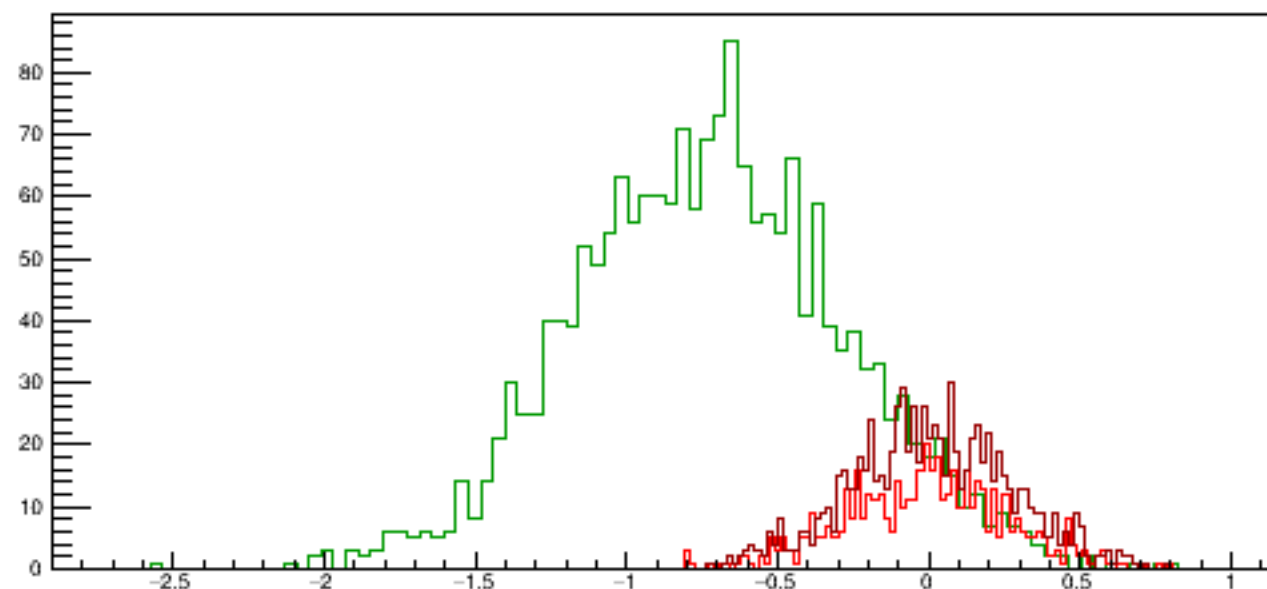
bcm:mpsCoda {mpsCoda>=710998 && mpsCoda<=726125}



Cycle 17, Diffs

Entries: 502	Entries: 1880	Entries: 844
Mean: -0.0114 +/- 0.0124	Mean: -0.7229 +/- 0.0103	Mean: 0.0035 +/- 0.0092
Std Dev: 0.2768 +/- 0.0087	Std Dev: 0.4464 +/- 0.0073	Std Dev: 0.2670 +/- 0.0065

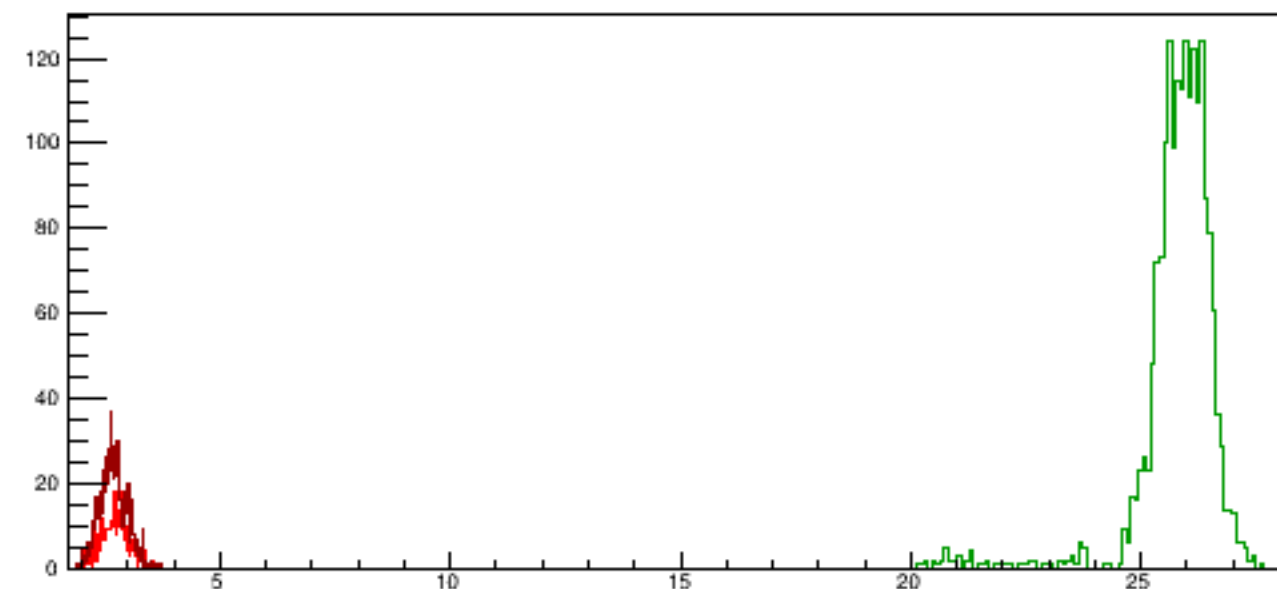
Run 5777 quartetwise, Diffs



Cycle 17, Sums

Entries: 502	Entries: 1880	Entries: 844
Mean: 2.7307 +/- 0.0140	Mean: 25.8083 +/- 0.0206	Mean: 2.6833 +/- 0.0103
Std Dev: 0.3144 +/- 0.0099	Std Dev: 0.8913 +/- 0.0145	Std Dev: 0.3005 +/- 0.0073

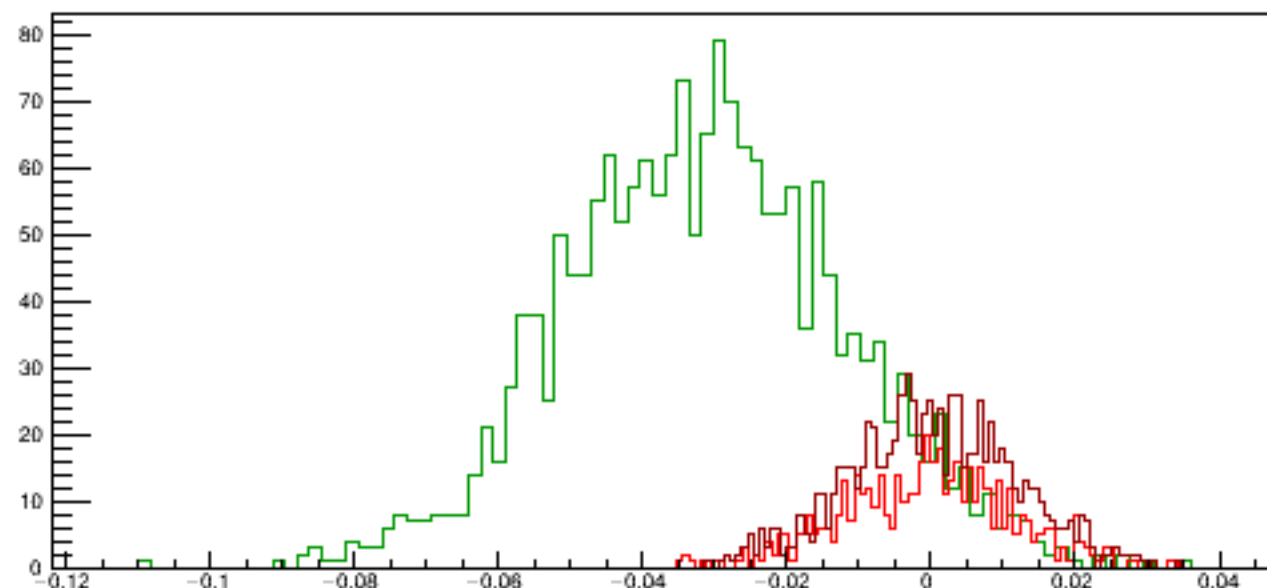
Run 5777 quartetwise, Sums



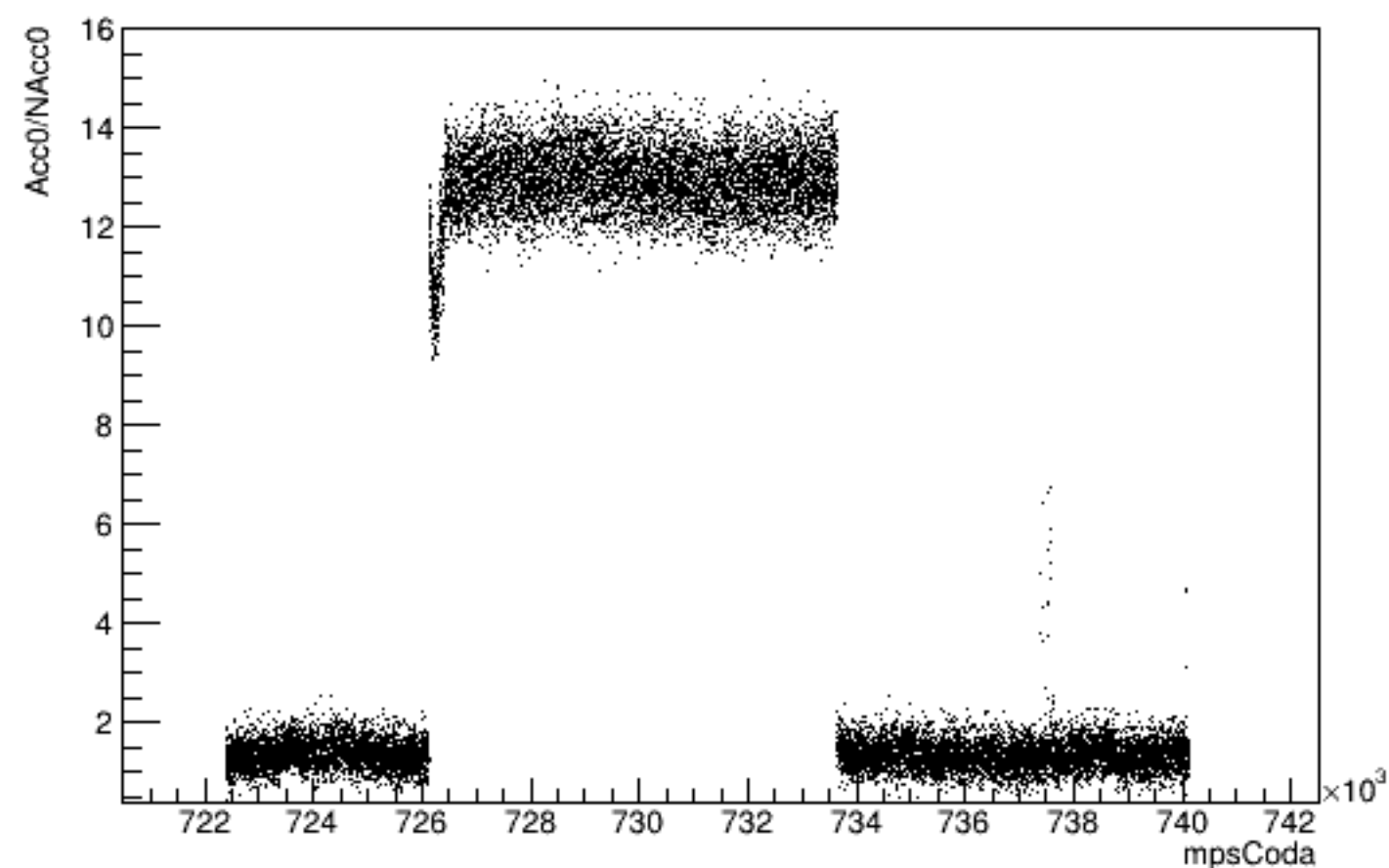
Cycle 17, Asyms

Entries: 502	Entries: 1880	Entries: 844
Mean: -0.0005 +/- 0.0005	Mean: -0.0313 +/- 0.0004	Mean: 0.0002 +/- 0.0004
Std Dev: 0.0120 +/- 0.0004	Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0116 +/- 0.0003

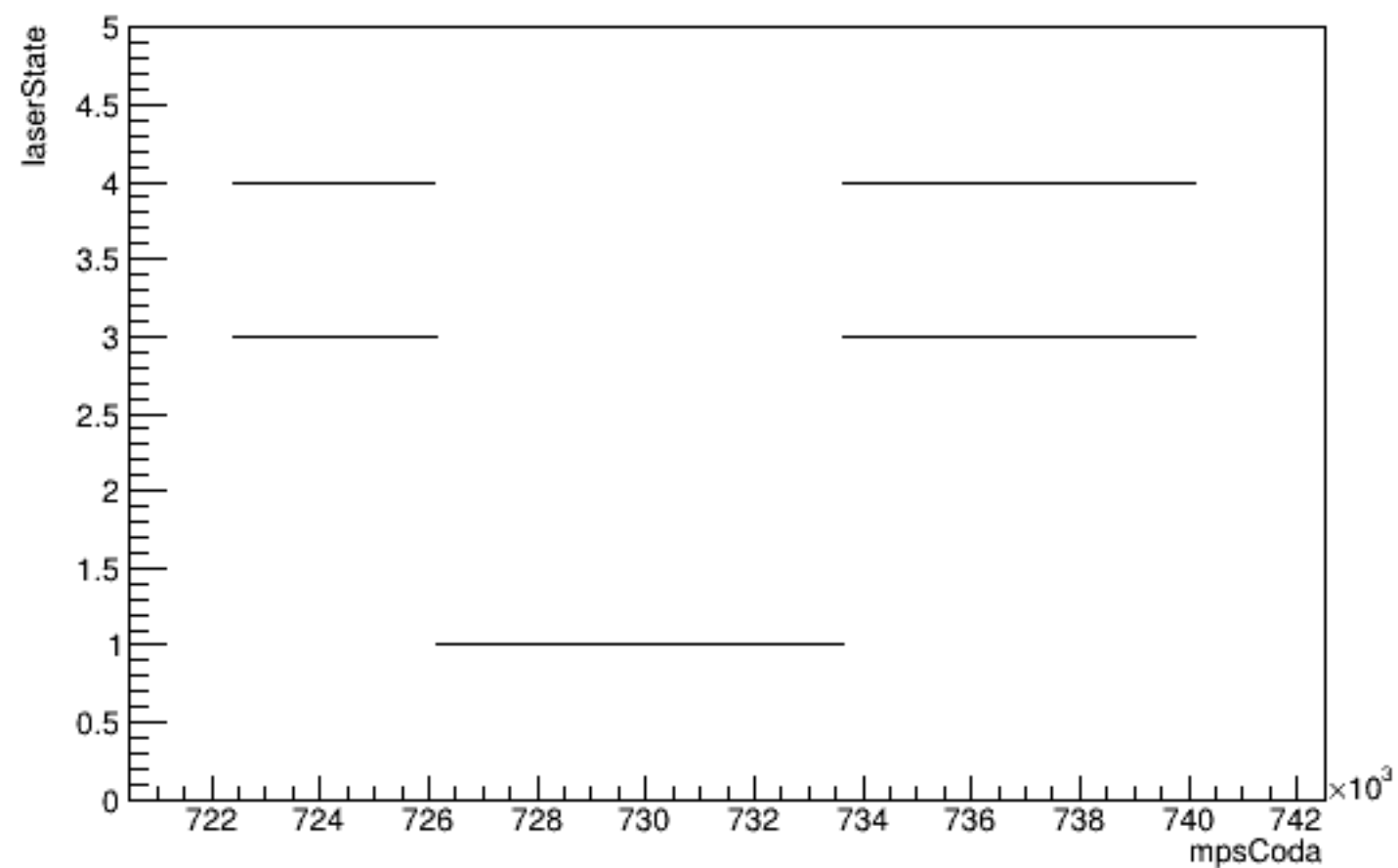
Run 5777 quartetwise, Asyms



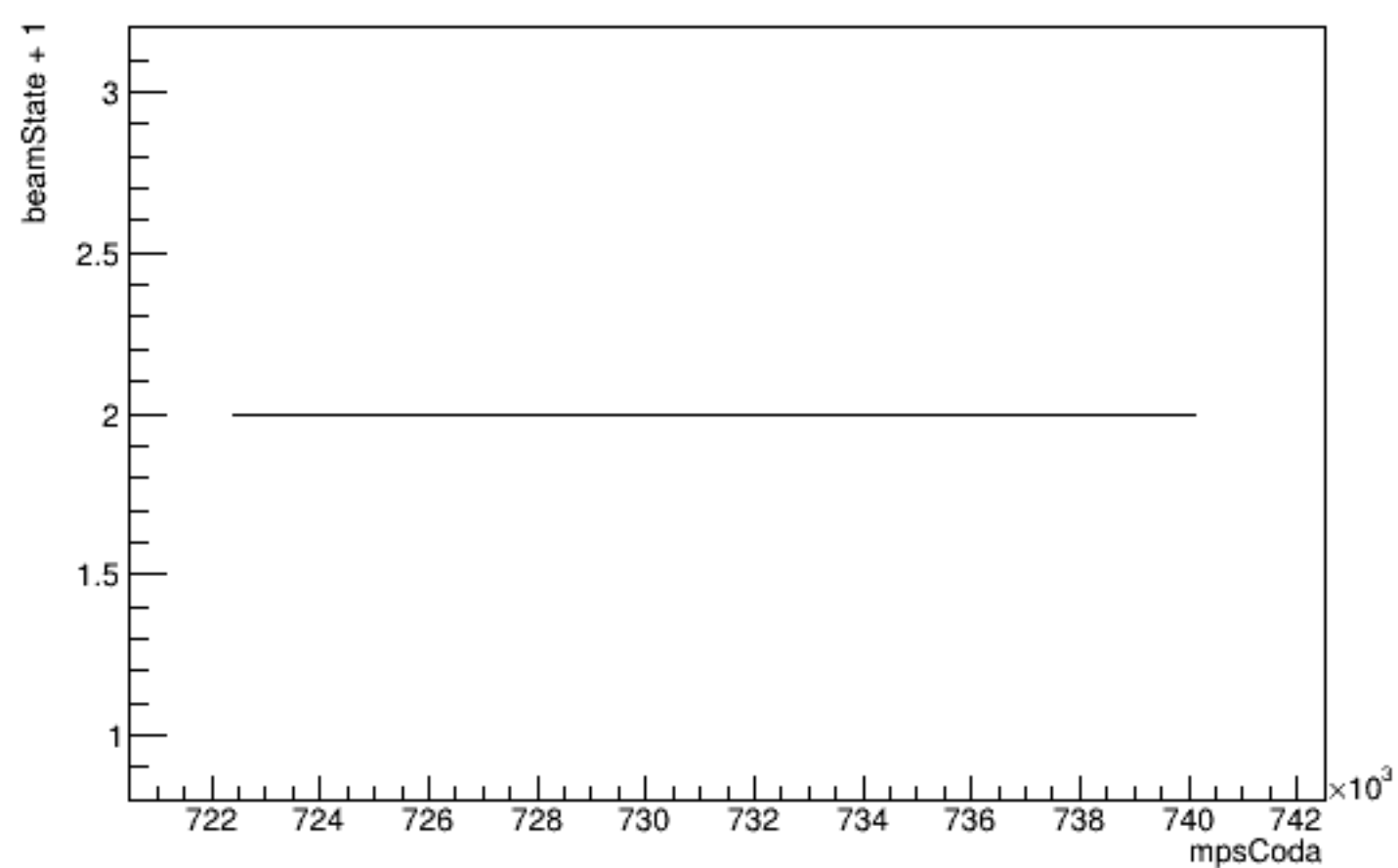
Acc0/NAcc0:mpsCoda (mpsCoda>=722378 && mpsCoda<=740133 && beamState==1)



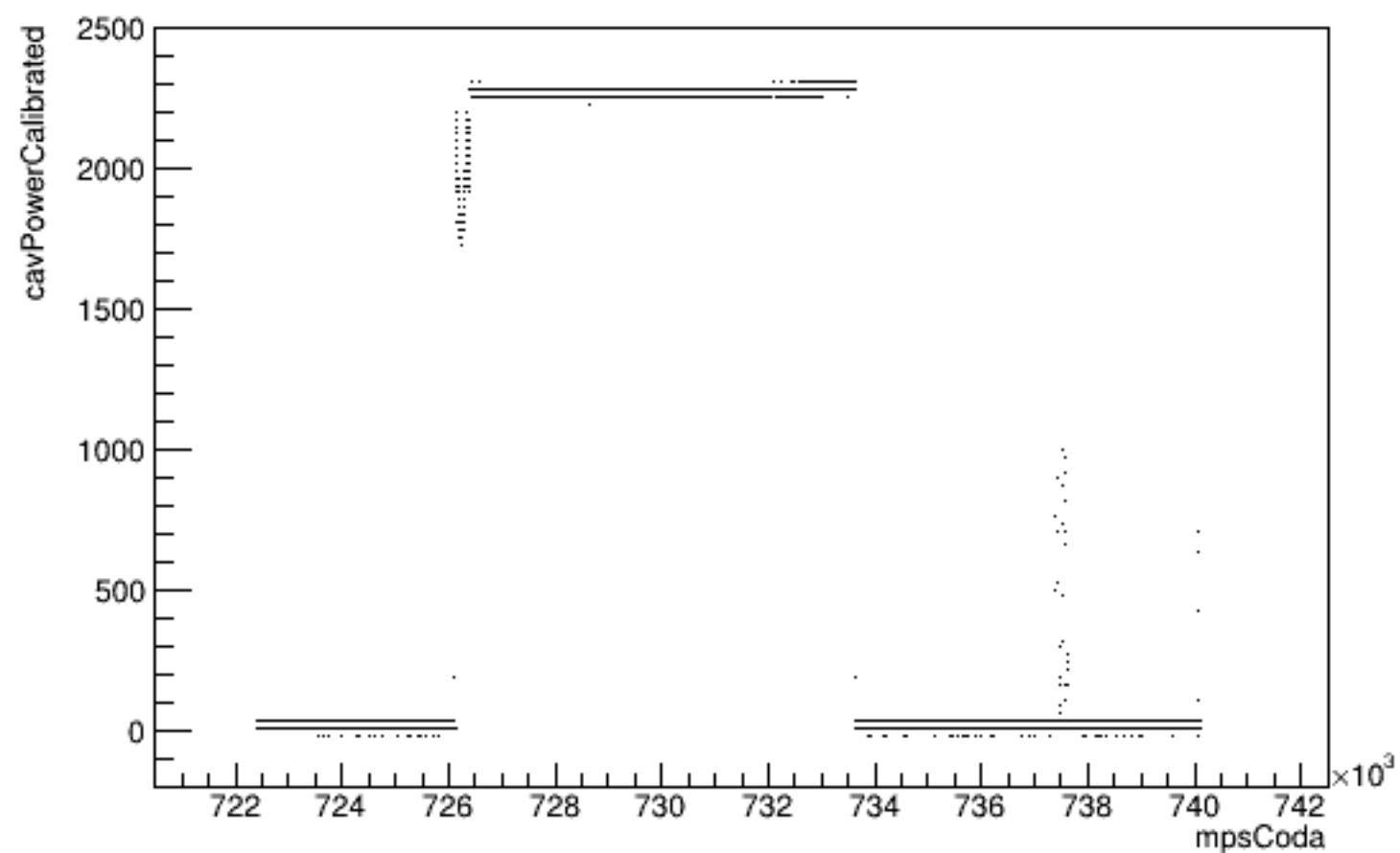
laserState:mpsCoda {mpsCoda>=722378 && mpsCoda<=740133}



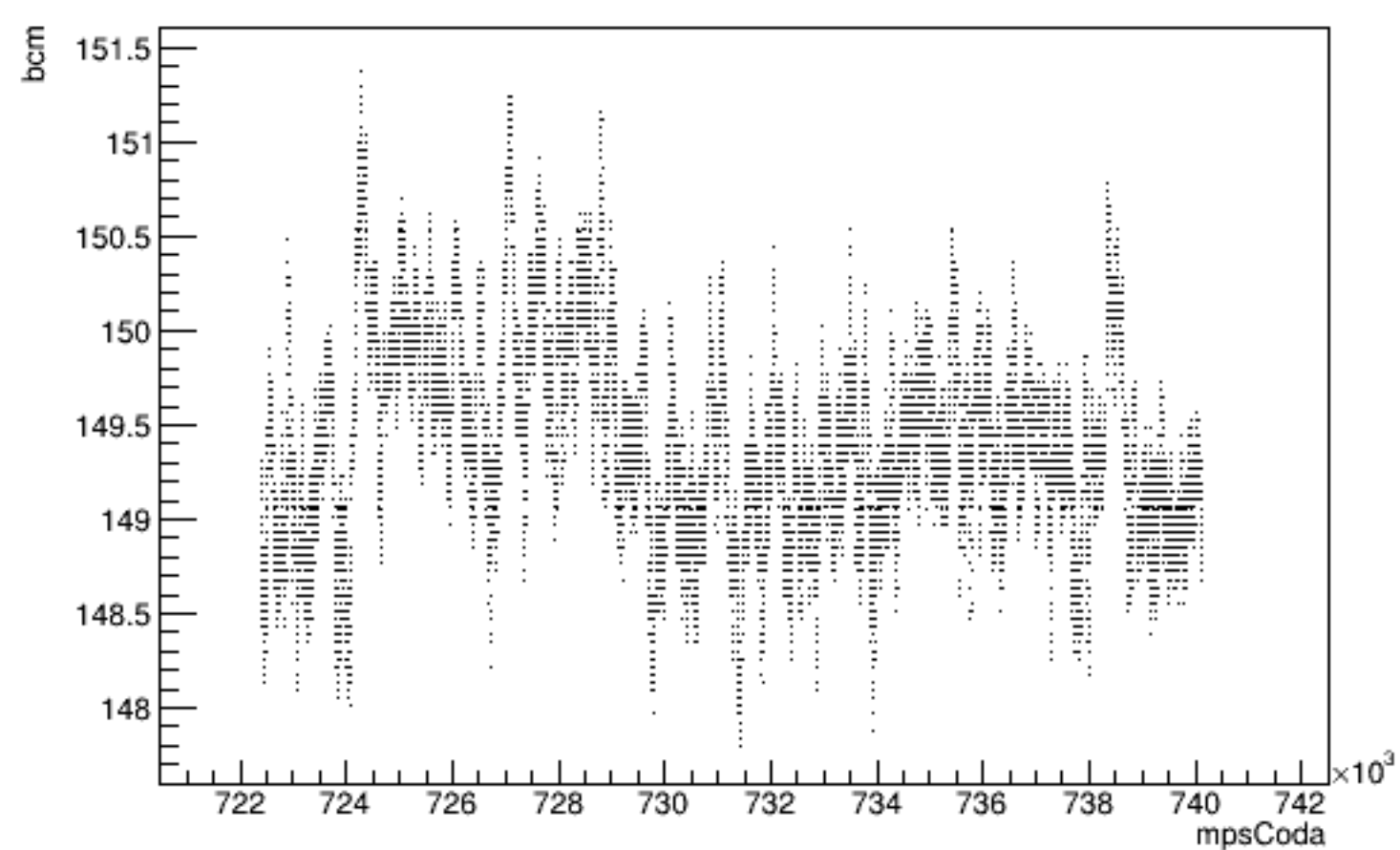
beamState + 1:mpsCoda {mpsCoda>=722378 && mpsCoda<=740133}



cavPowerCalibrated:mpsCoda {mpsCoda>=722378 && mpsCoda<=740133}



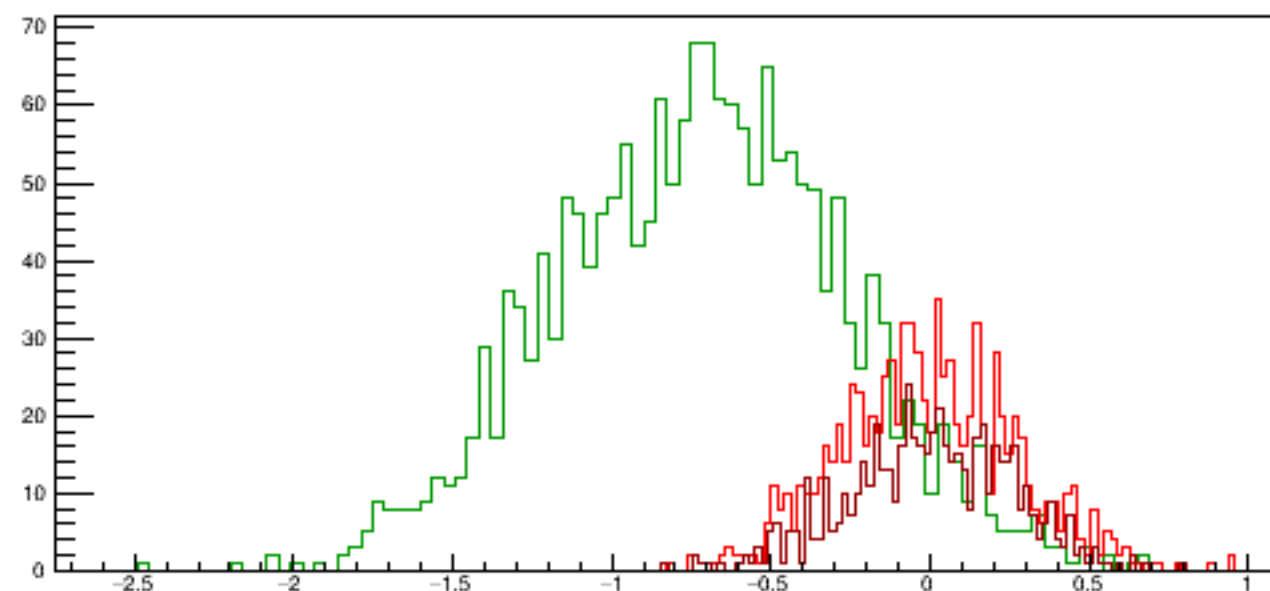
bcm:mpsCoda {mpsCoda>=722378 && mpsCoda<=740133}



Cycle 18, Diffs

Entries: 878	Entries: 1879	Entries: 560
Mean: -0.0084 +/- 0.0093	Mean: -0.7189 +/- 0.0105	Mean: -0.0006 +/- 0.0109
Std Dev: 0.2743 +/- 0.0065	Std Dev: 0.4550 +/- 0.0074	Std Dev: 0.2575 +/- 0.0077

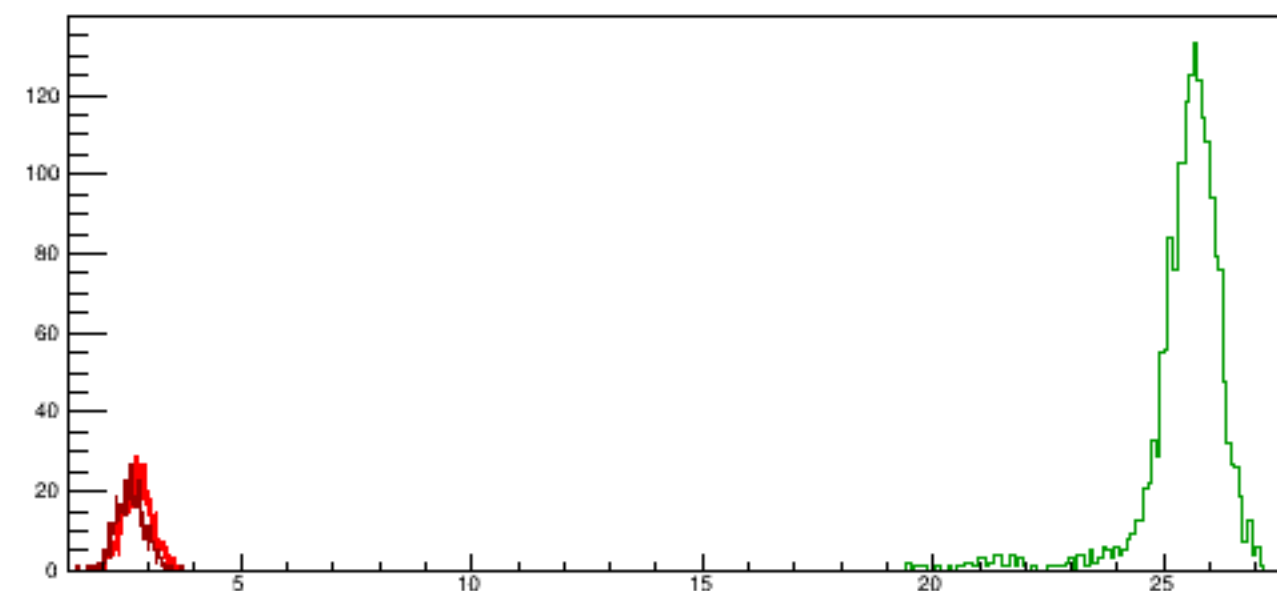
Run 5777 quartetwise, Diffs



Cycle 18, Sums

Entries: 878	Entries: 1879	Entries: 560
Mean: 2.7608 +/- 0.0103	Mean: 25.4748 +/- 0.0212	Mean: 2.6130 +/- 0.0128
Std Dev: 0.3056 +/- 0.0073	Std Dev: 0.9196 +/- 0.0150	Std Dev: 0.3032 +/- 0.0091

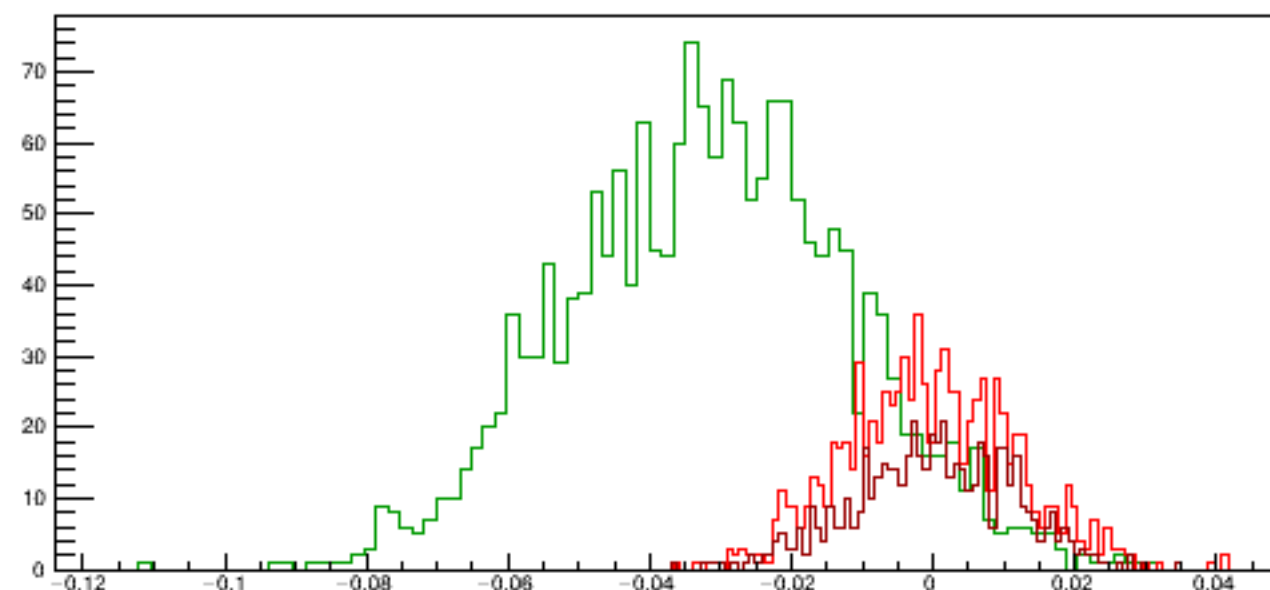
Run 5777 quartetwise, Sums



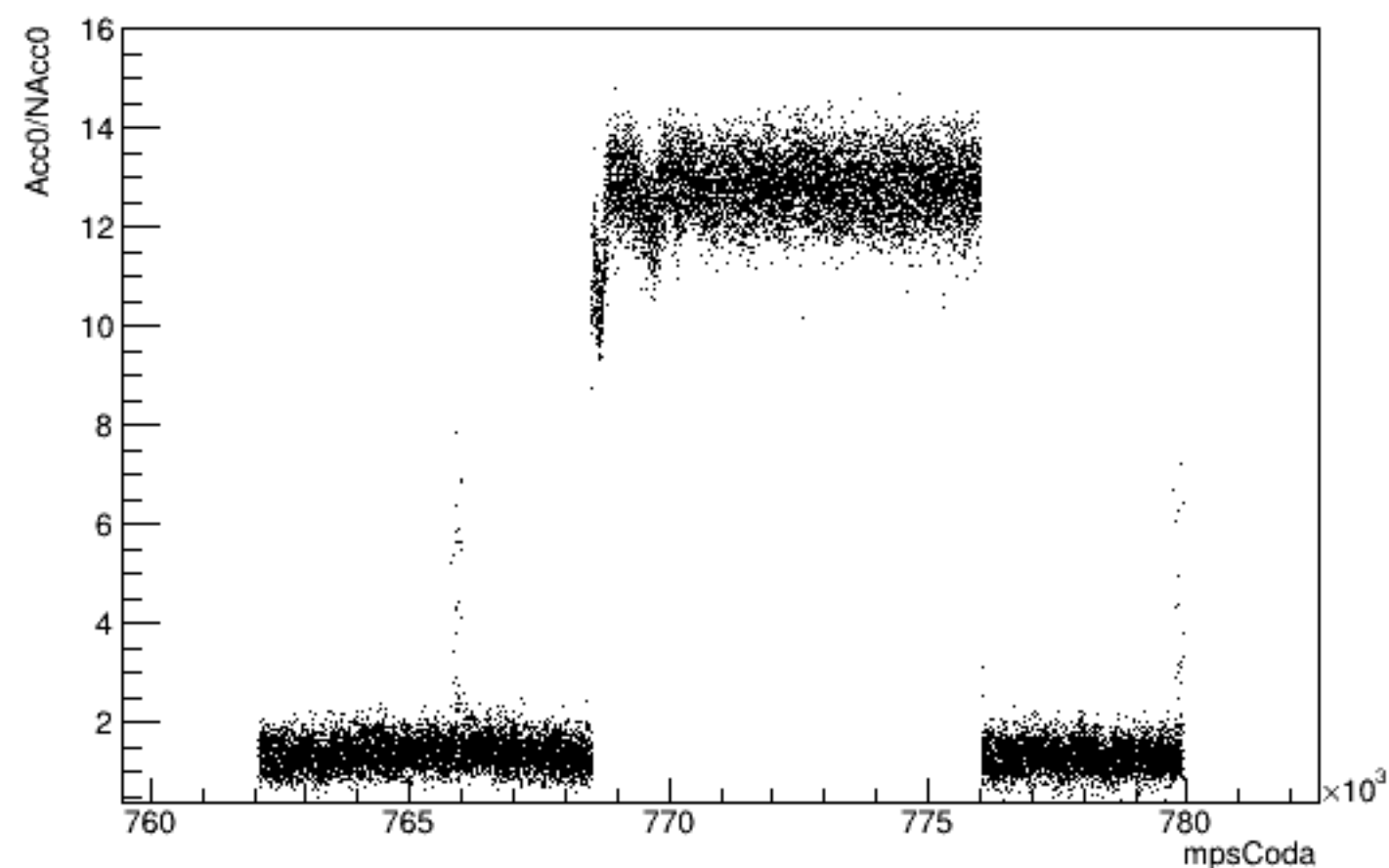
Cycle 18, Asyms

Entries: 878	Entries: 1879	Entries: 560
Mean: -0.0004 +/- 0.0004	Mean: -0.0316 +/- 0.0005	Mean: -0.0000 +/- 0.0005
Std Dev: 0.0120 +/- 0.0003	Std Dev: 0.0200 +/- 0.0003	Std Dev: 0.0113 +/- 0.0003

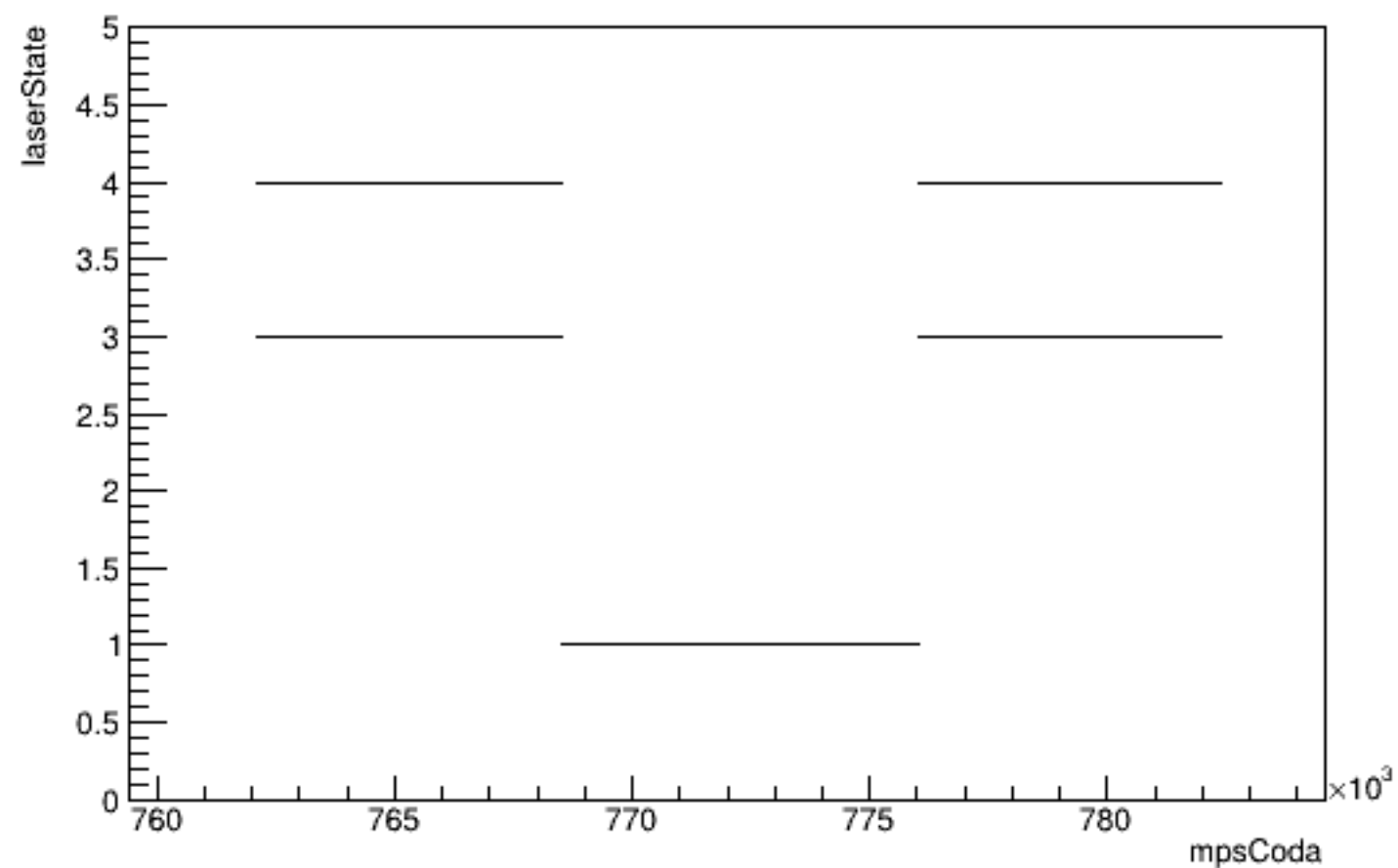
Run 5777 quartetwise, Asyms



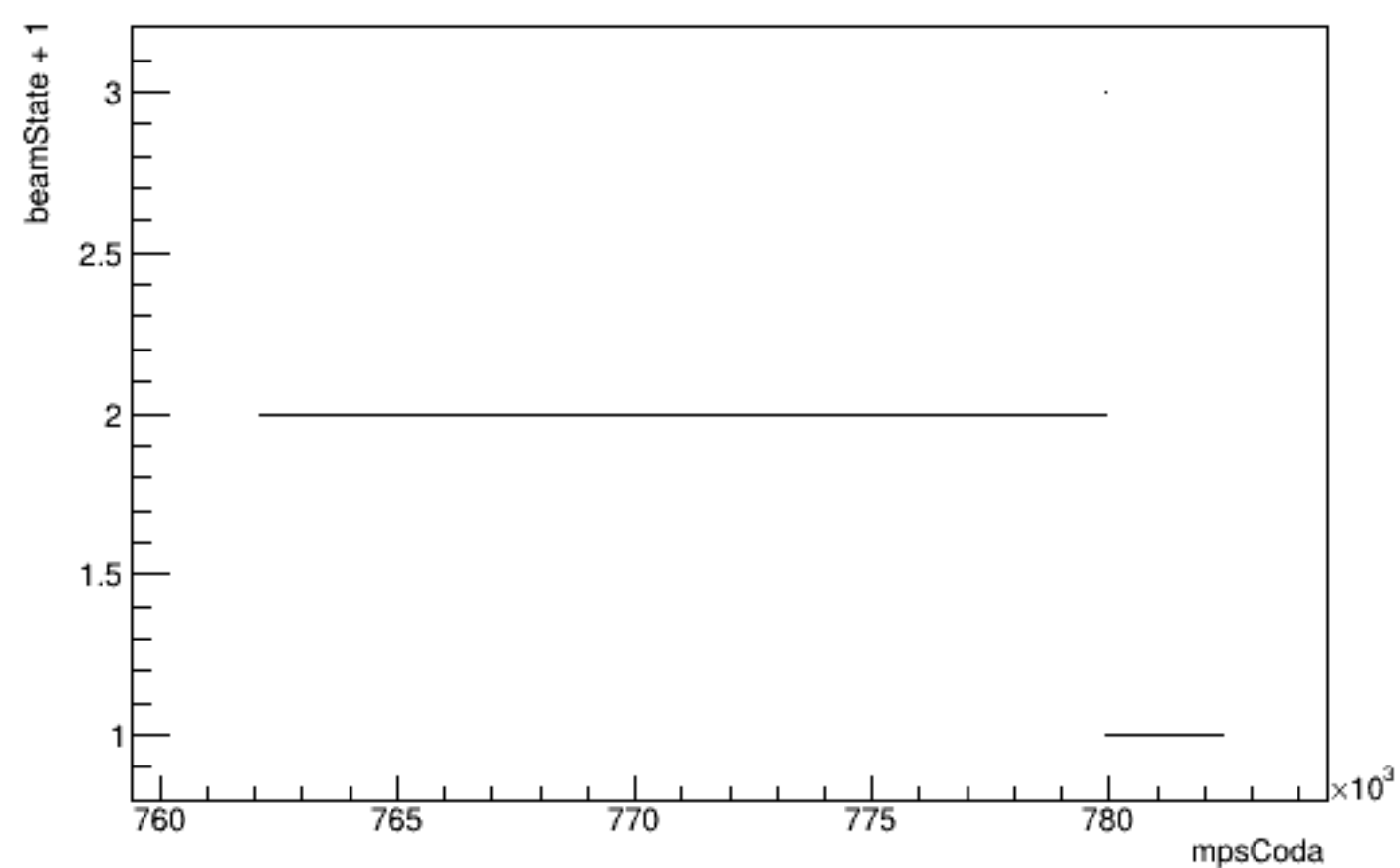
Acc0/NAcc0:mpsCoda (mpsCoda>=762094 && mpsCoda<=782405 && beamState==1)



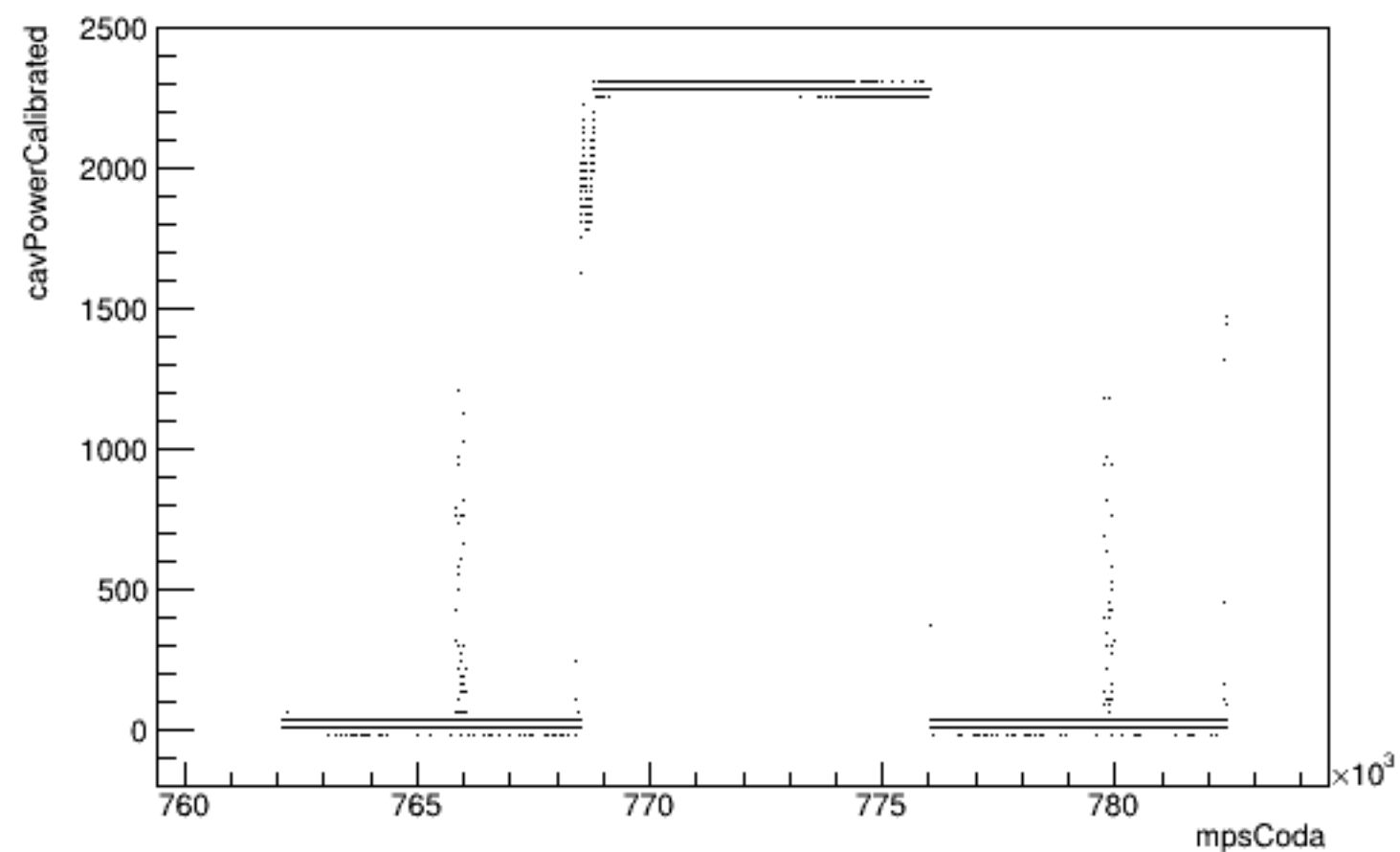
laserState:mpsCoda {mpsCoda>=762094 && mpsCoda<=782405}



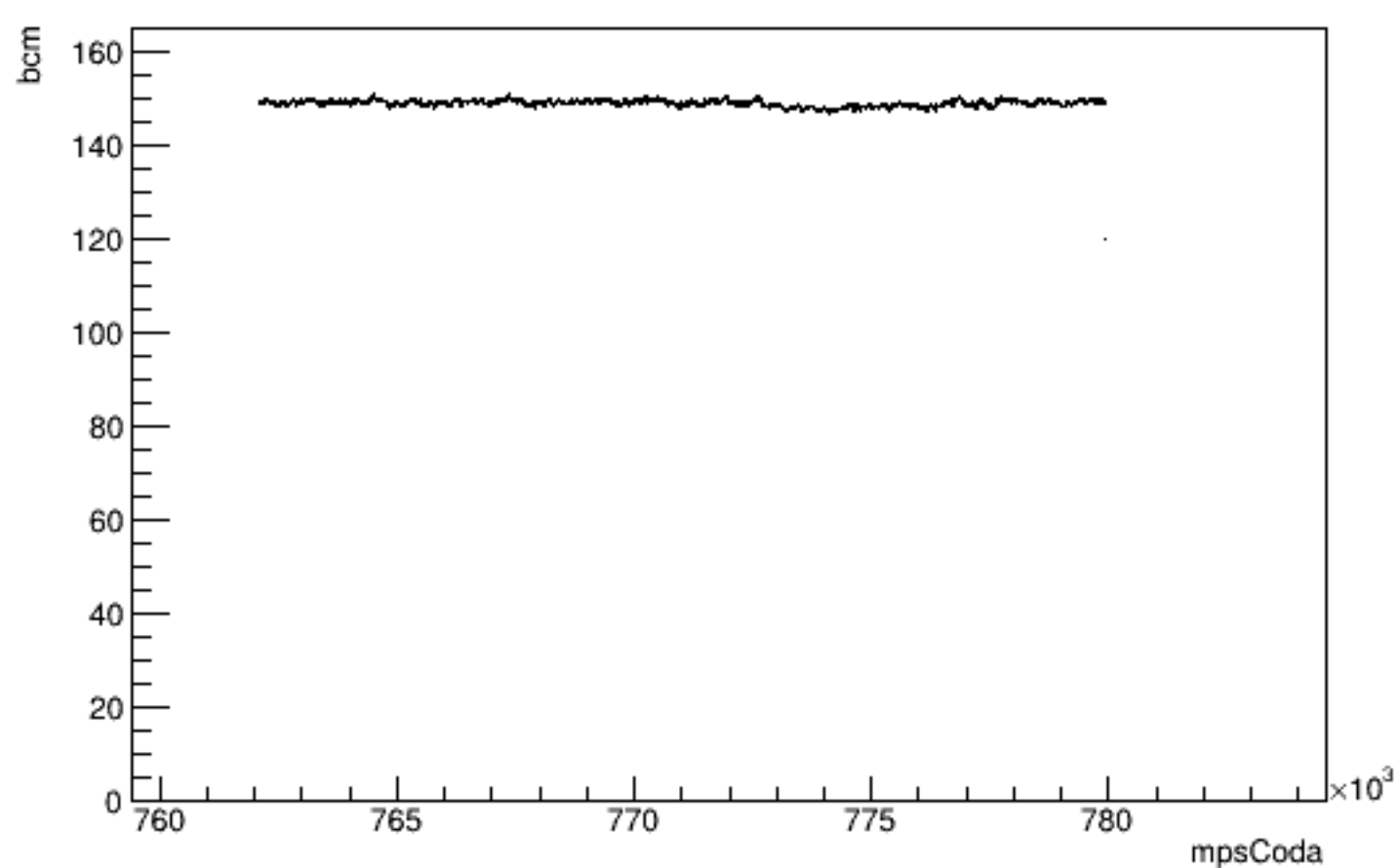
beamState + 1:mpsCoda {mpsCoda>=762094 && mpsCoda<=782405}



cavPowerCalibrated:mpsCoda {mpsCoda>=762094 && mpsCoda<=782405}



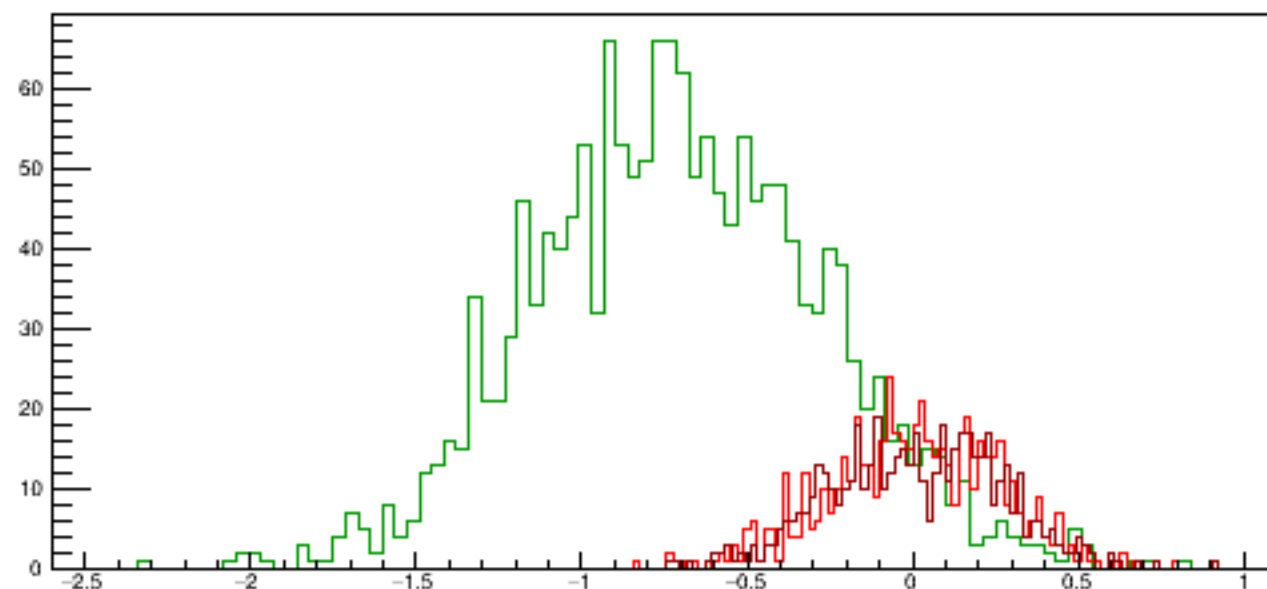
bcm:mpsCoda {mpsCoda>=762094 && mpsCoda<=782405}



Cycle 19, Diffs

Entries: 560	Entries: 1687	Entries: 520
Mean: -0.0006 +/- 0.0109	Mean: -0.7027 +/- 0.0106	Mean: 0.0085 +/- 0.0114
Std Dev: 0.2575 +/- 0.0077	Std Dev: 0.4372 +/- 0.0075	Std Dev: 0.2603 +/- 0.0081

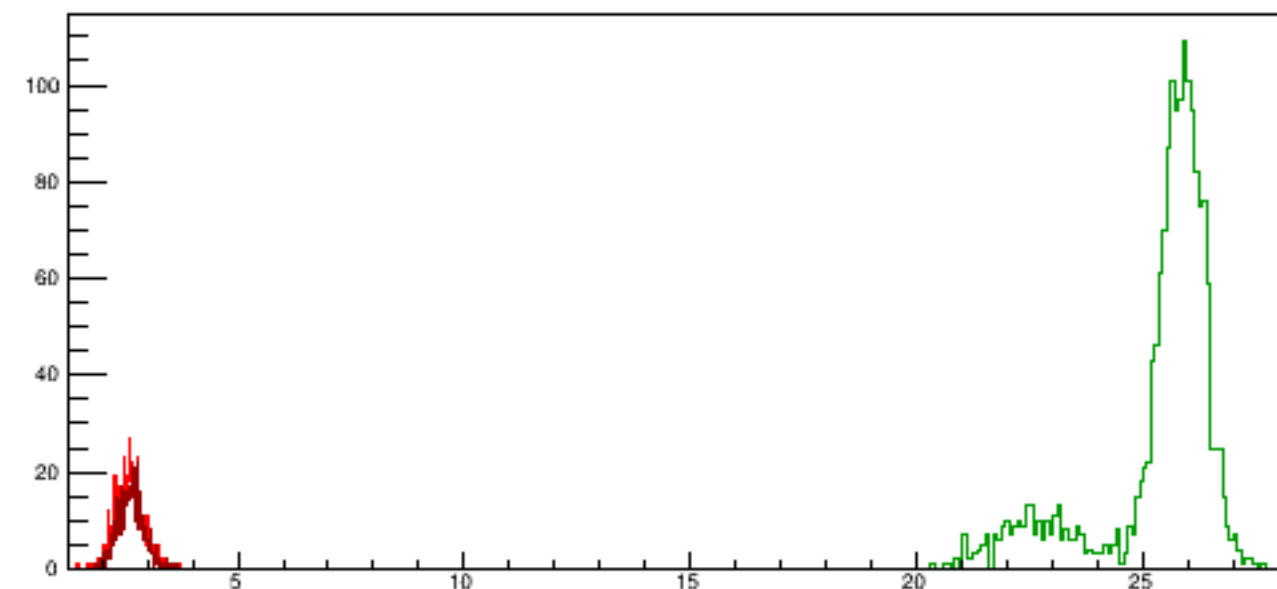
Run 5777 quartetwise, Diffs



Cycle 19, Sums

Entries: 560	Entries: 1687	Entries: 520
Mean: 2.6130 +/- 0.0128	Mean: 25.3574 +/- 0.0316	Mean: 2.6418 +/- 0.0128
Std Dev: 0.3032 +/- 0.0091	Std Dev: 1.2978 +/- 0.0223	Std Dev: 0.2913 +/- 0.0090

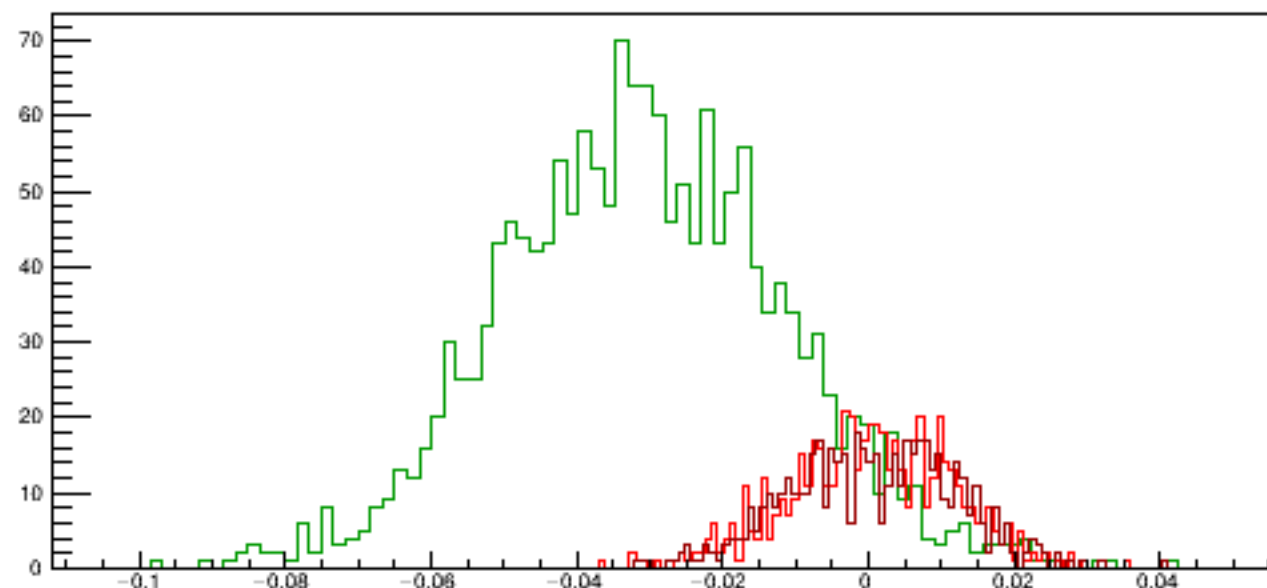
Run 5777 quartetwise, Sums



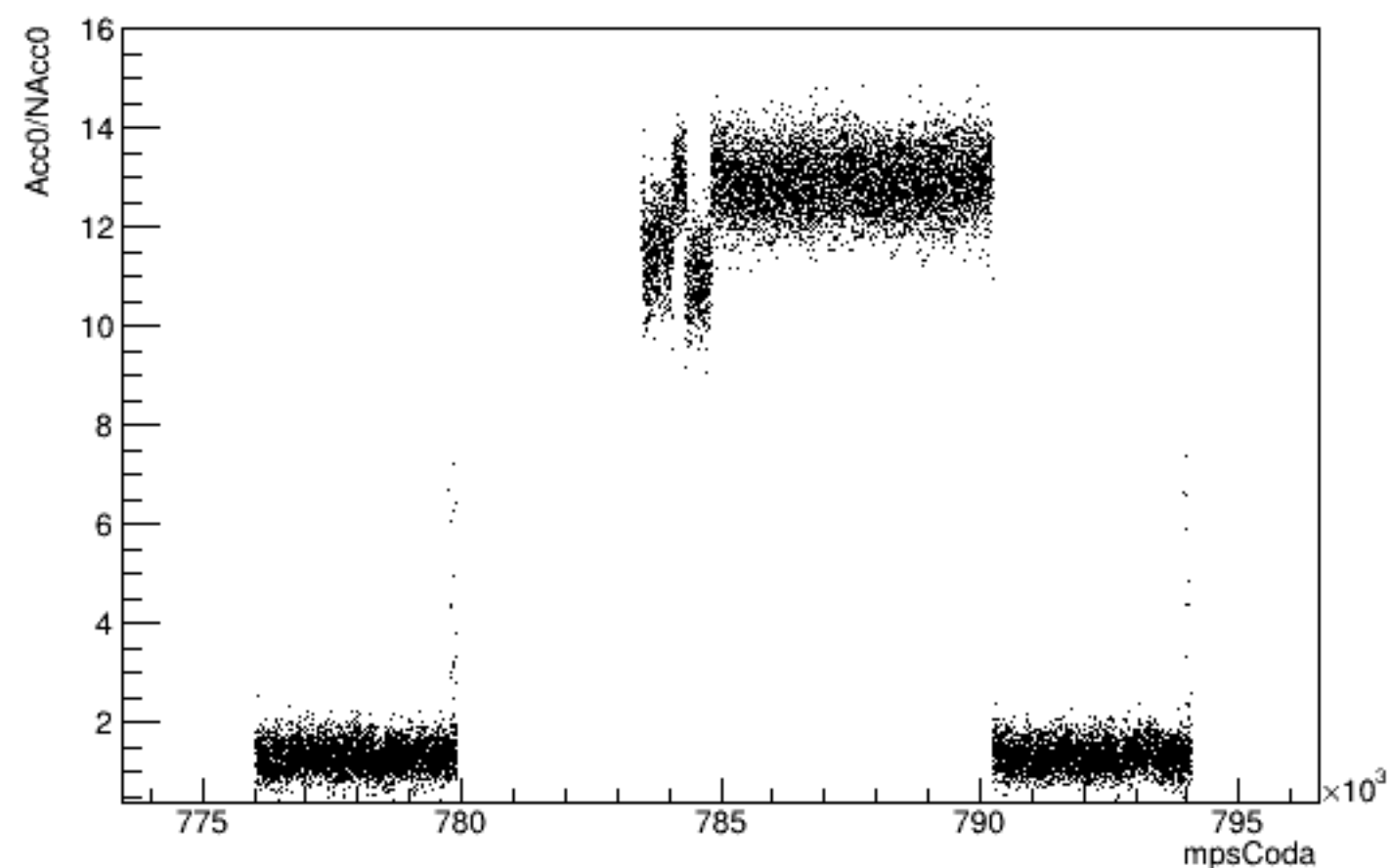
Cycle 19, Asyms

Entries: 560	Entries: 1687	Entries: 520
Mean: -0.0000 +/- 0.0005	Mean: -0.0309 +/- 0.0005	Mean: 0.0004 +/- 0.0005
Std Dev: 0.0113 +/- 0.0003	Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0115 +/- 0.0004

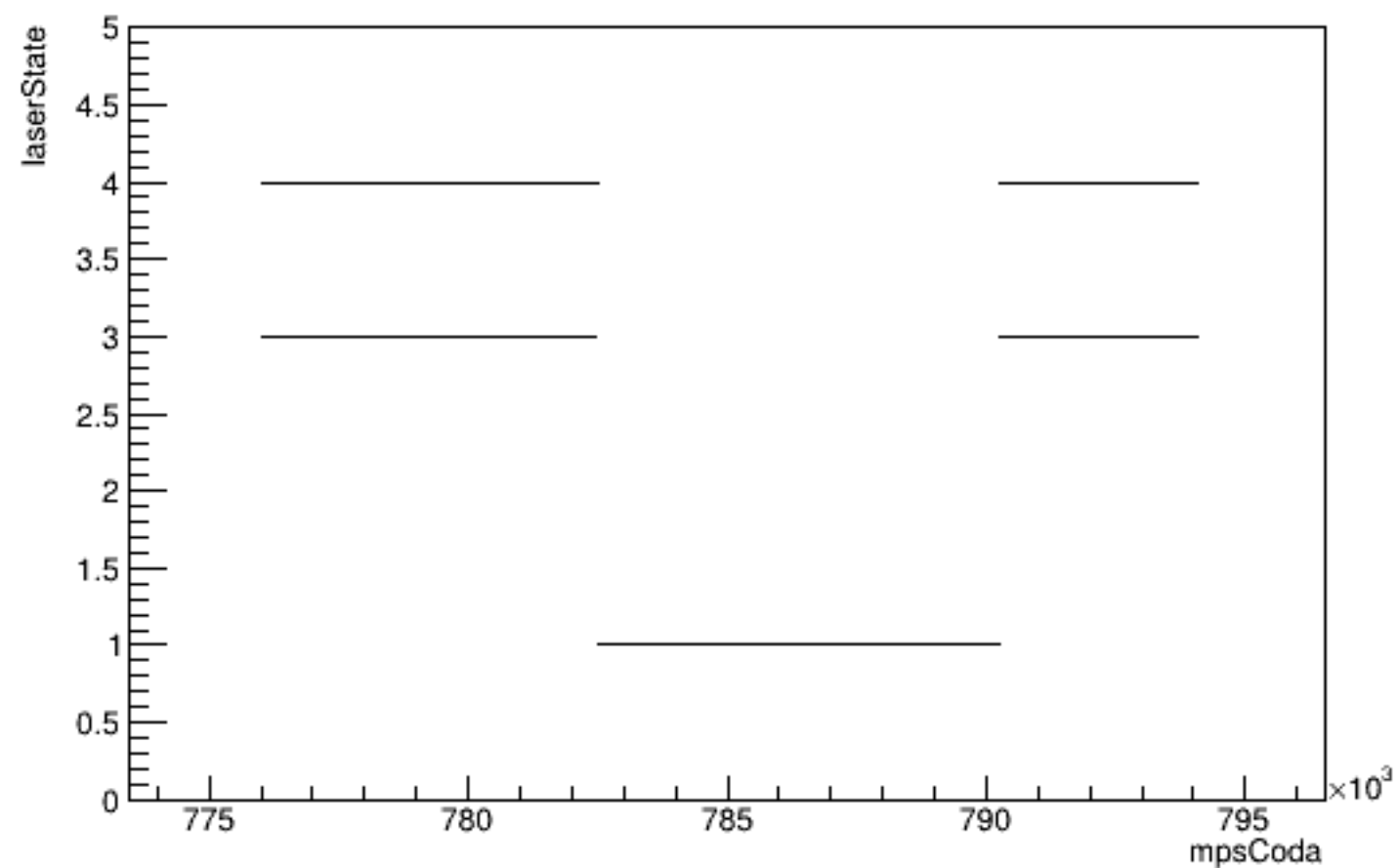
Run 5777 quartetwise, Asyms



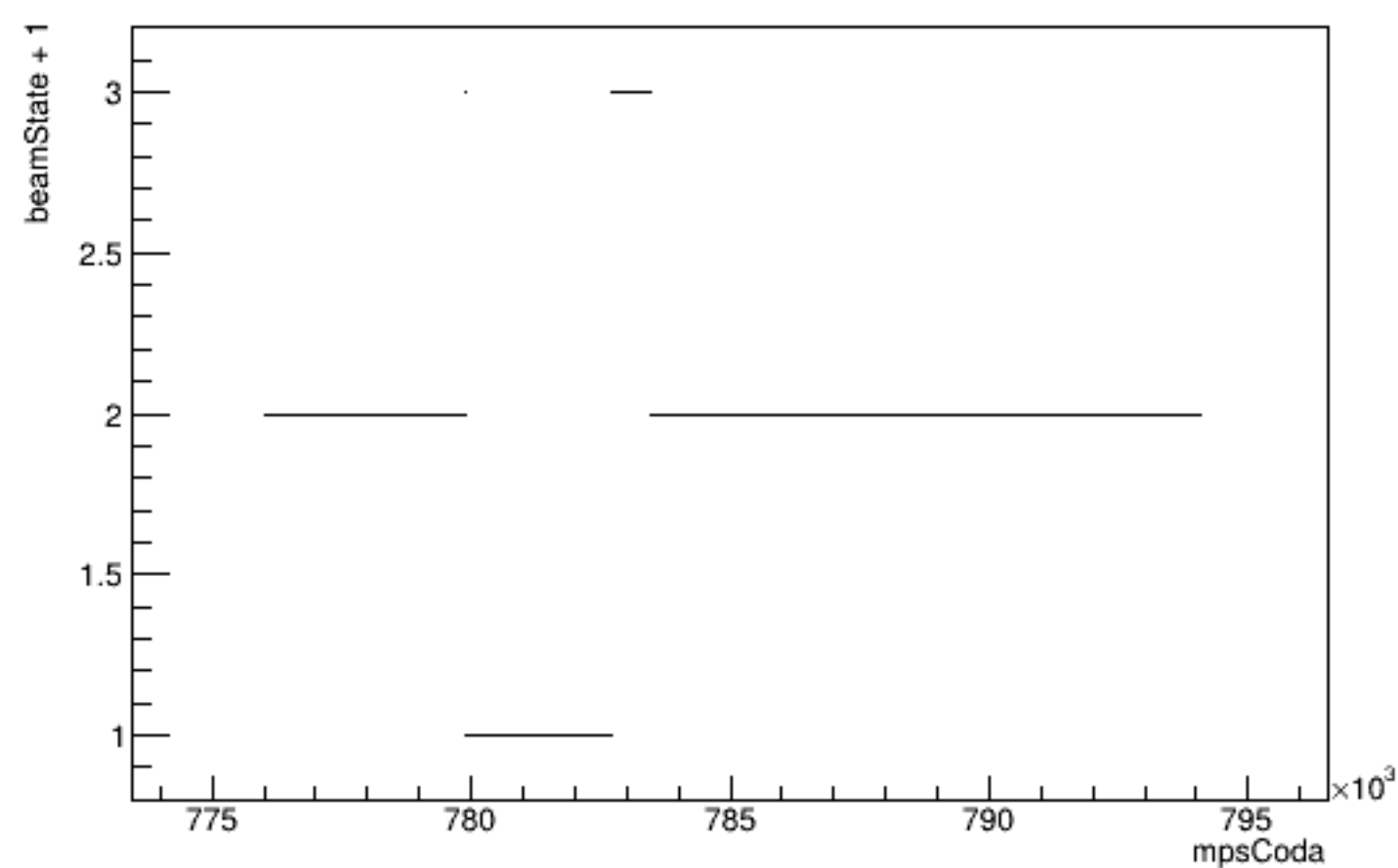
Acc0/NAcc0:mpsCoda (mpsCoda>=776038 && mpsCoda<=794069 && beamState==1)



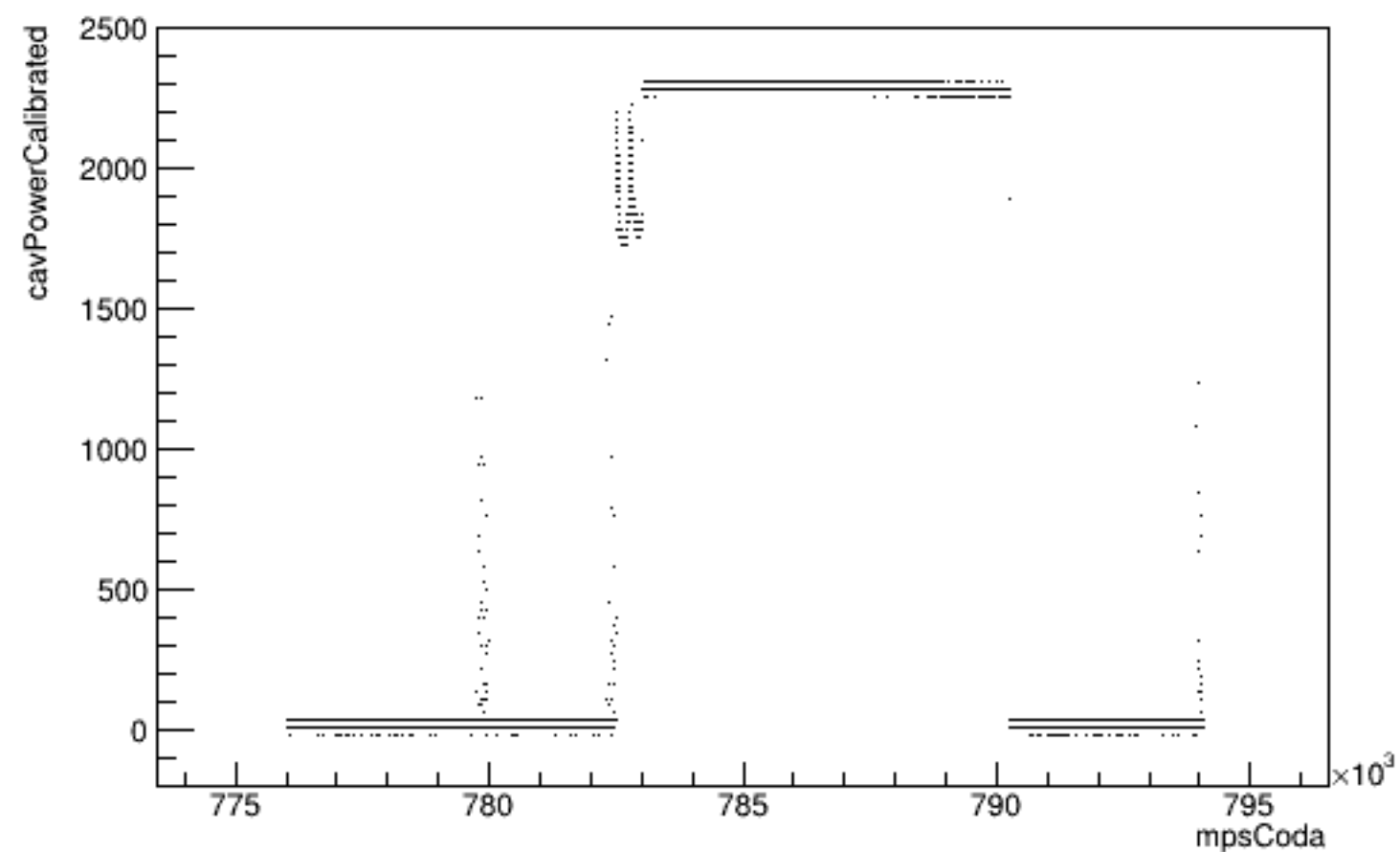
laserState:mpsCoda {mpsCoda>=776038 && mpsCoda<=794069}



beamState + 1:mpsCoda {mpsCoda>=776038 && mpsCoda<=794069}



cavPowerCalibrated:mpsCoda {mpsCoda>=776038 && mpsCoda<=794069}



bcm:mpsCoda {mpsCoda>=776038 && mpsCoda<=794069}

