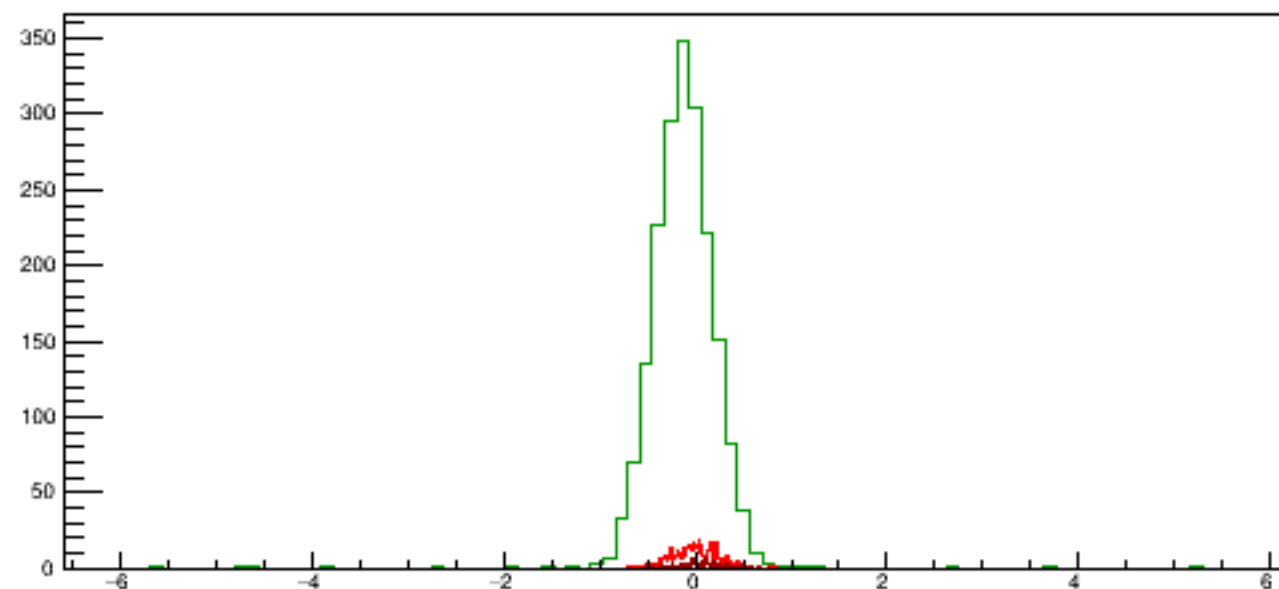


Cycle 1, Diffs

Entries: 453	Entries: 1952	Entries: 134
Mean: -0.0122 +/- 0.0118	Mean: -0.1302 +/- 0.0093	Mean: 0.0279 +/- 0.0193
Std Dev: 0.2504 +/- 0.0083	Std Dev: 0.4109 +/- 0.0066	Std Dev: 0.2237 +/- 0.0137

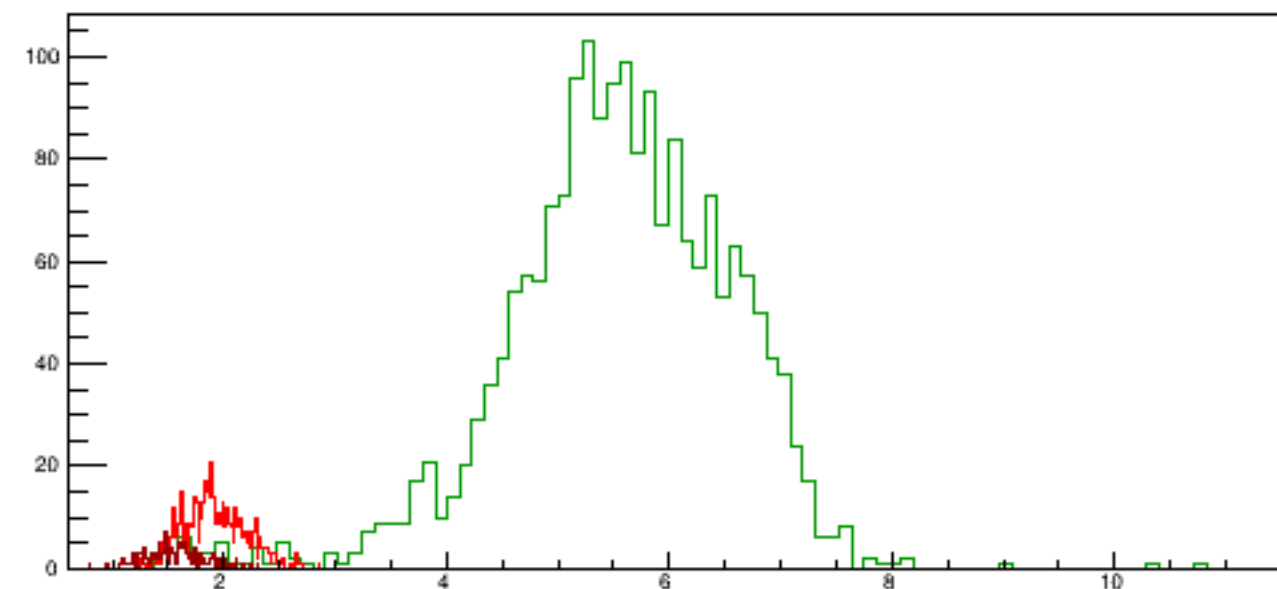
Run 5747 quartetwise, Diffs



Cycle 1, Sums

Entries: 453	Entries: 1952	Entries: 134
Mean: 1.9149 +/- 0.0134	Mean: 5.5339 +/- 0.0233	Mean: 1.5461 +/- 0.0241
Std Dev: 0.2845 +/- 0.0095	Std Dev: 1.0298 +/- 0.0165	Std Dev: 0.2787 +/- 0.0170

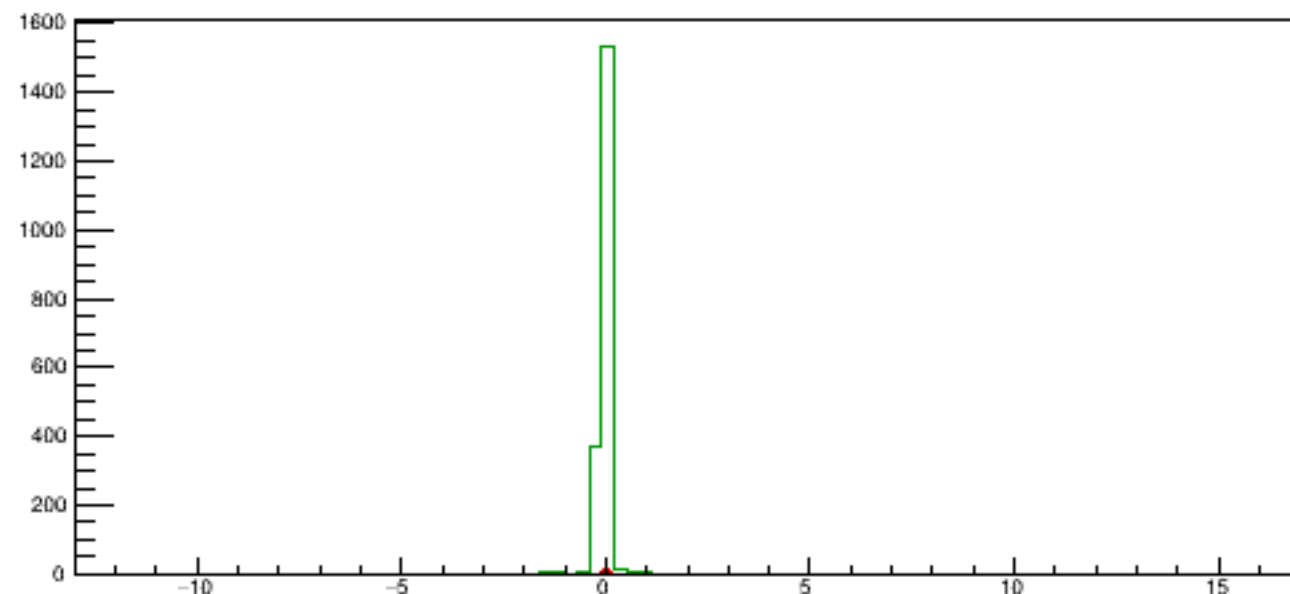
Run 5747 quartetwise, Sums



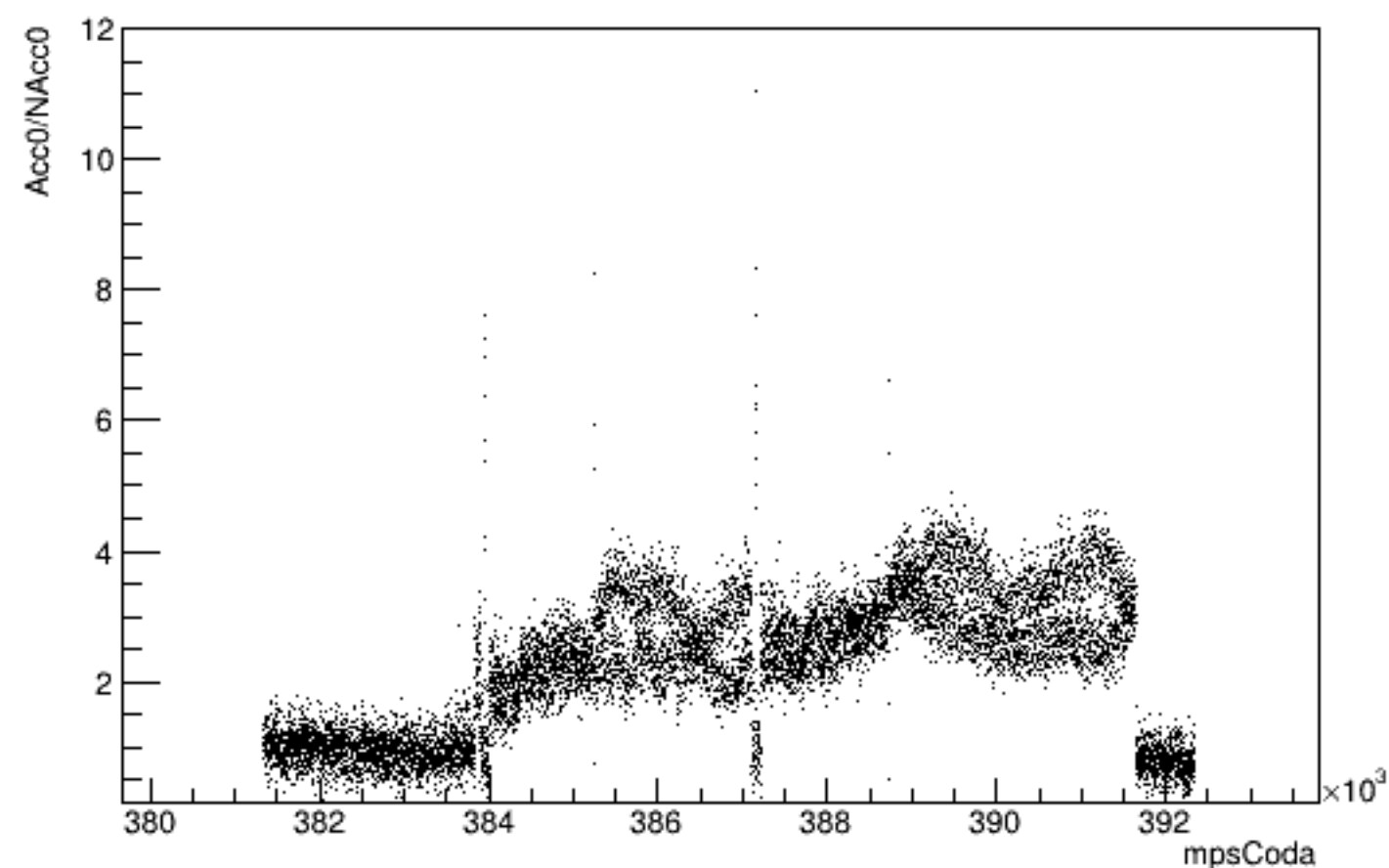
Cycle 1, Asyms

Entries: 453	Entries: 1952	Entries: 134
Mean: -0.0032 +/- 0.0031	Mean: -0.0225 +/- 0.0115	Mean: 0.0073 +/- 0.0051
Std Dev: 0.0658 +/- 0.0022	Std Dev: 0.5068 +/- 0.0081	Std Dev: 0.0588 +/- 0.0036

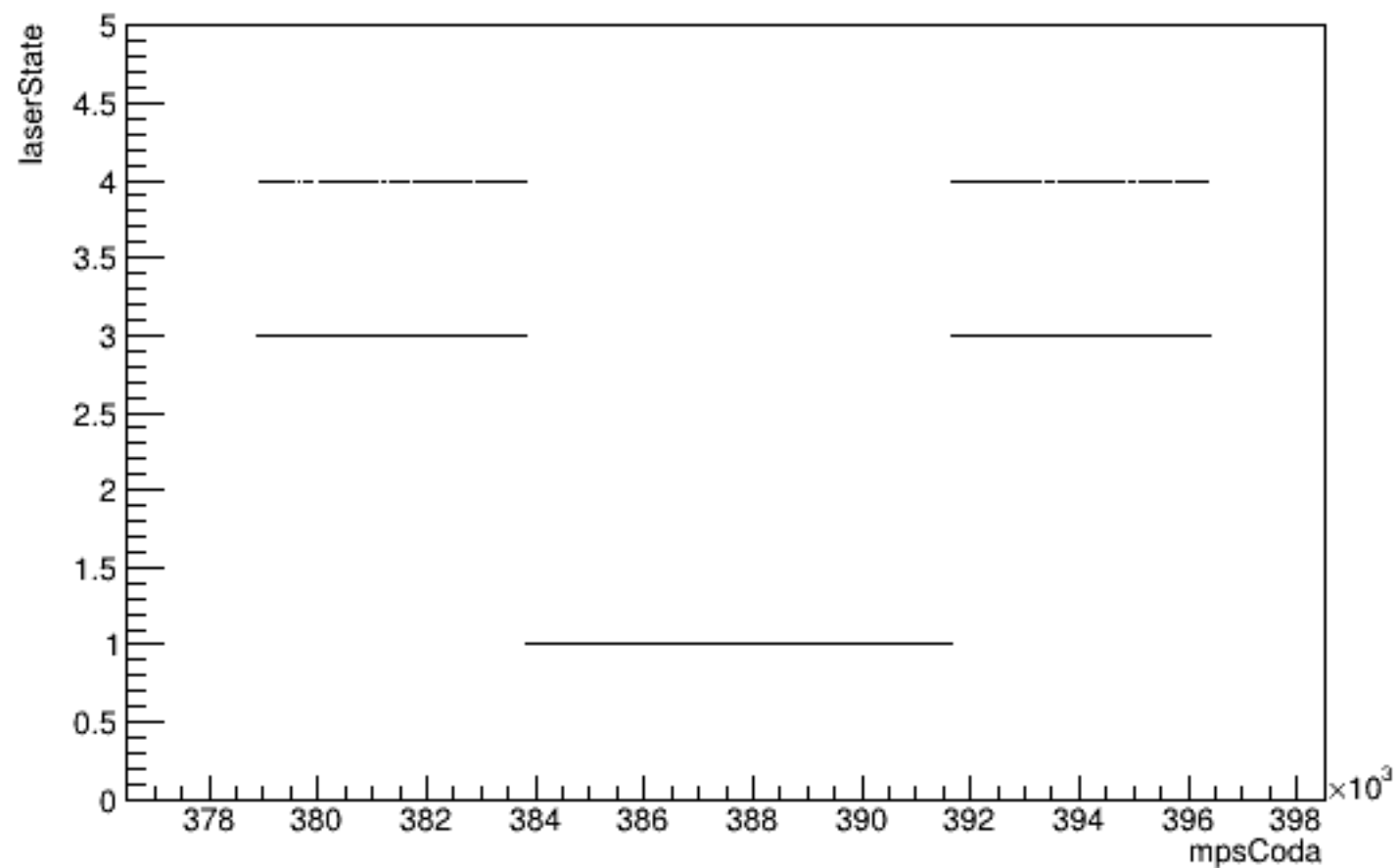
Run 5747 quartetwise, Asyms



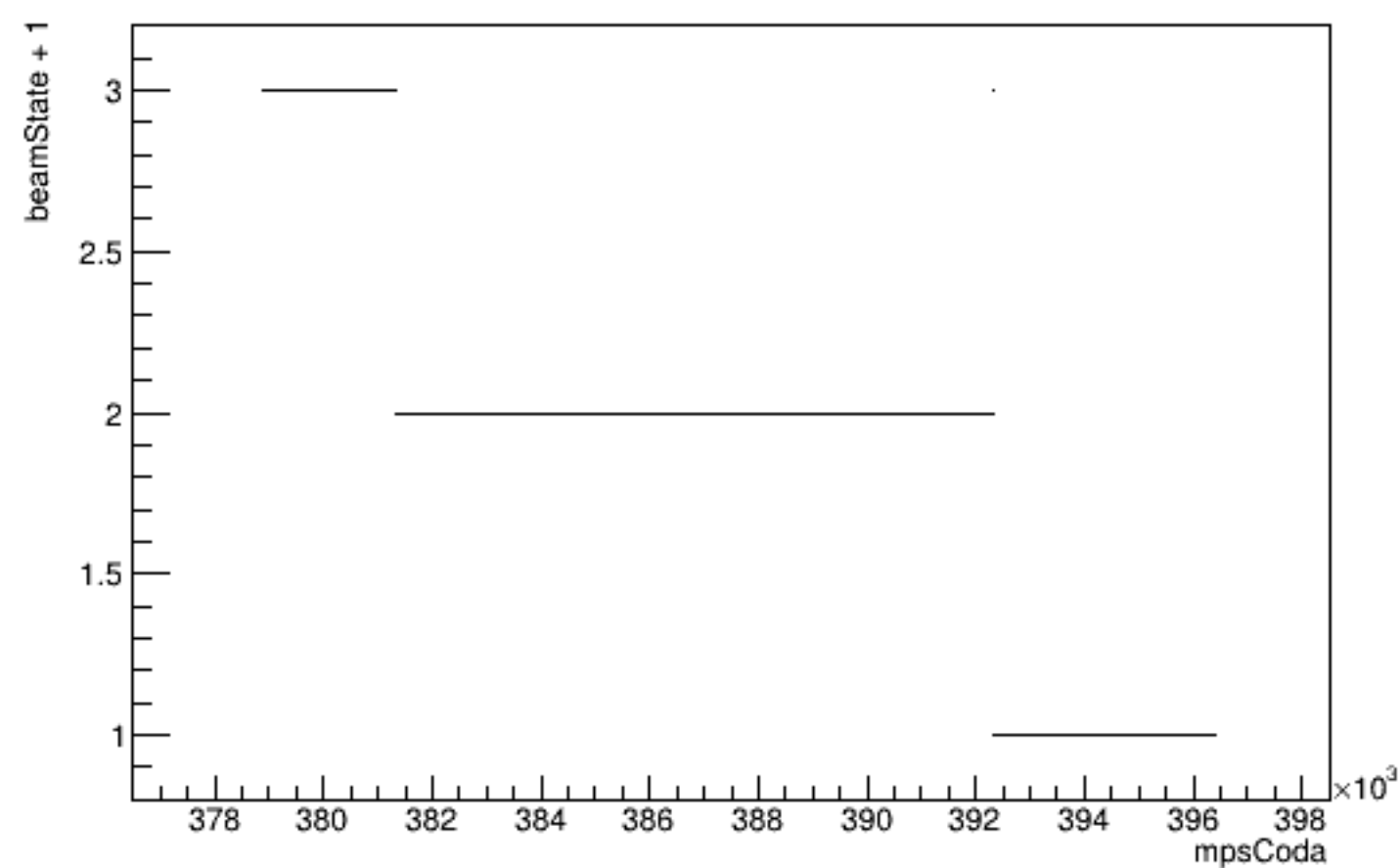
Acc0/NAcc0:mpsCoda (mpsCoda>=378901 && mpsCoda<=396392 && beamState==1)



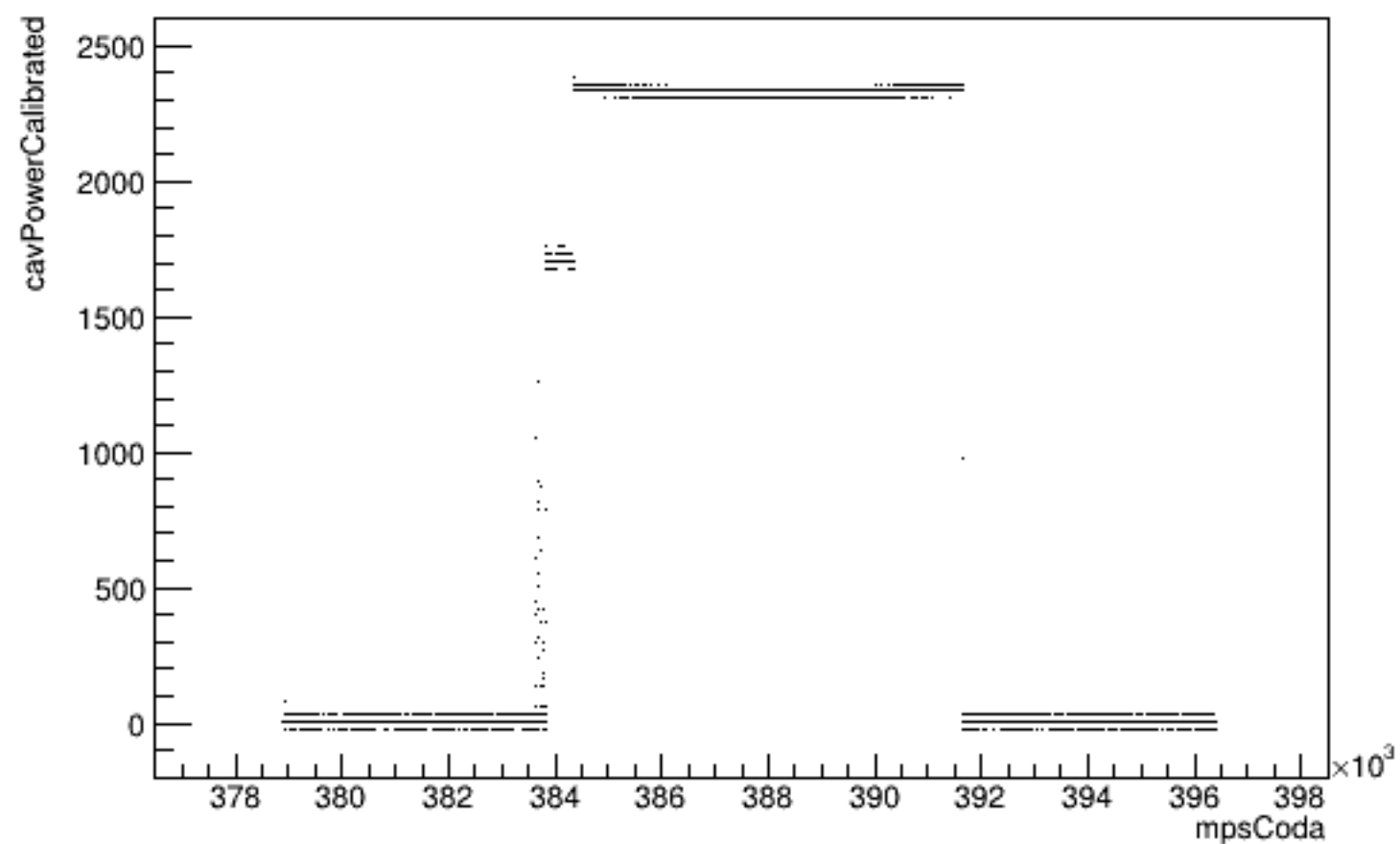
laserState:mpsCoda {mpsCoda>=378901 && mpsCoda<=396392}



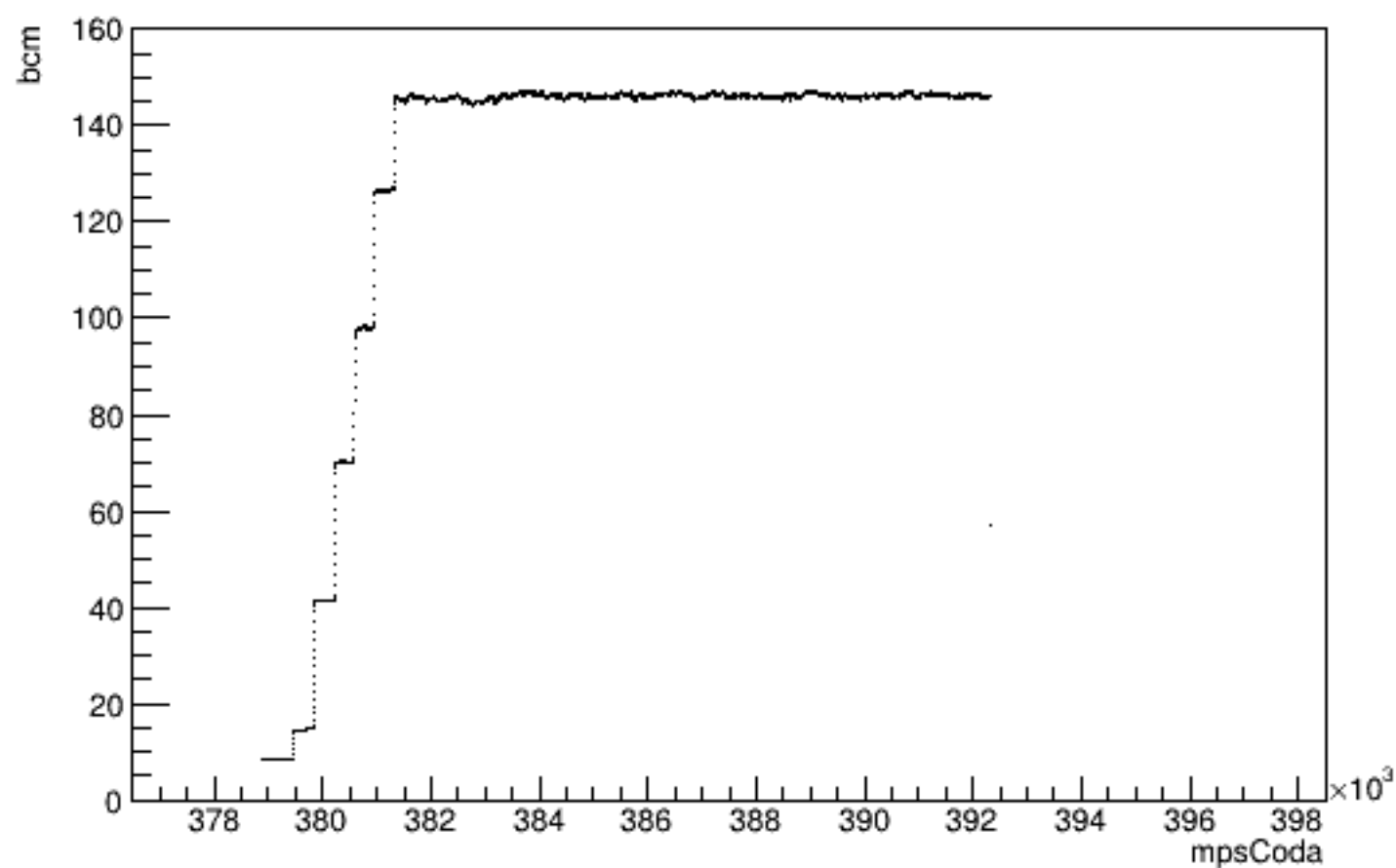
beamState + 1:mpsCoda {mpsCoda>=378901 && mpsCoda<=396392}



cavPowerCalibrated:mpsCoda {mpsCoda>=378901 && mpsCoda<=396392}



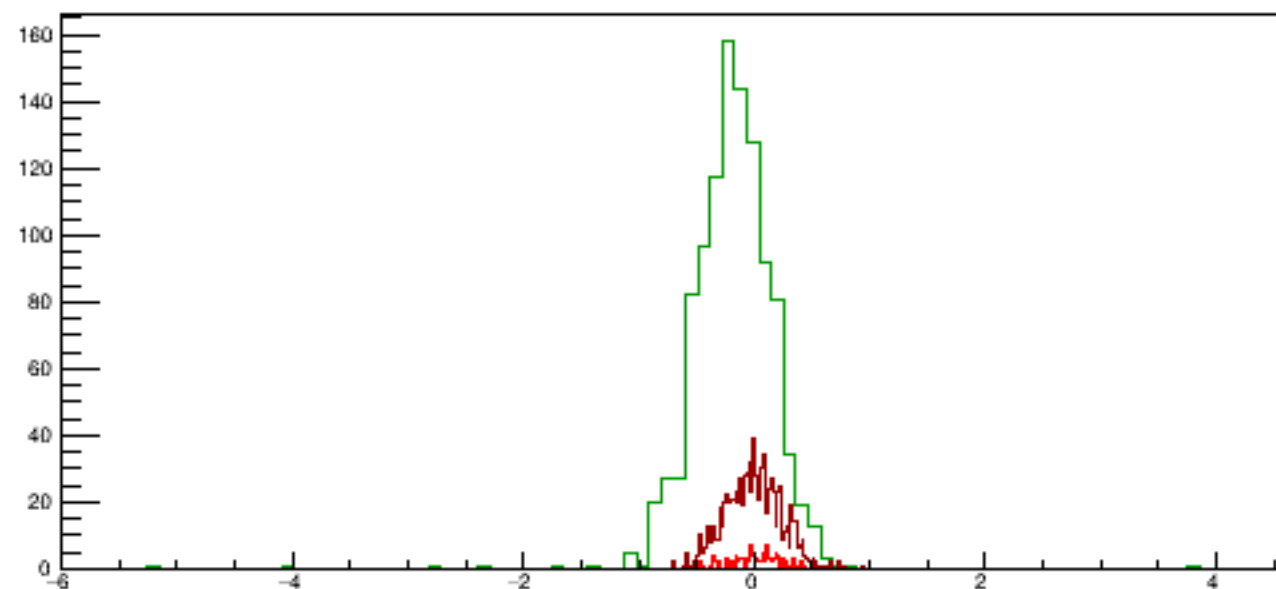
bcm:mpsCoda {mpsCoda>=378901 && mpsCoda<=396392}



Cycle 2, Diffs

Entries: 134	Entries: 1057	Entries: 901
Mean: 0.0279 +/- 0.0193	Mean: -0.1887 +/- 0.0122	Mean: -0.0087 +/- 0.0080
Std Dev: 0.2237 +/- 0.0137	Std Dev: 0.3957 +/- 0.0086	Std Dev: 0.2404 +/- 0.0057

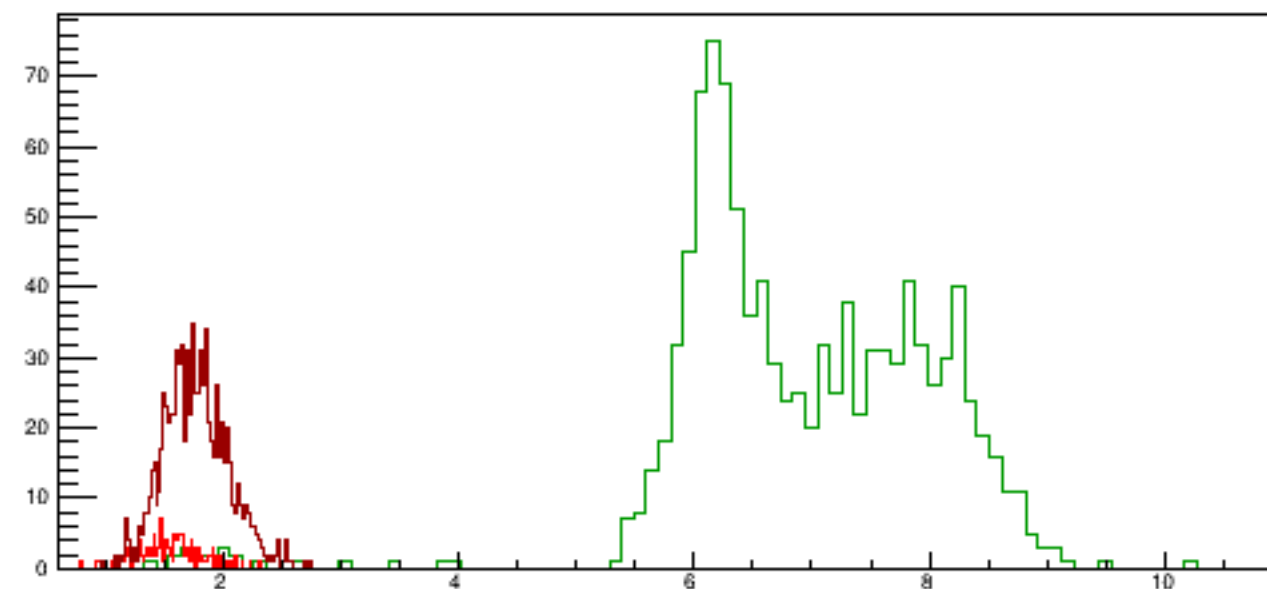
Run 5747 quartetwise, Diffs



Cycle 2, Sums

Entries: 134	Entries: 1057	Entries: 901
Mean: 1.5461 +/- 0.0241	Mean: 6.9008 +/- 0.0347	Mean: 1.7721 +/- 0.0091
Std Dev: 0.2787 +/- 0.0170	Std Dev: 1.1297 +/- 0.0246	Std Dev: 0.2731 +/- 0.0064

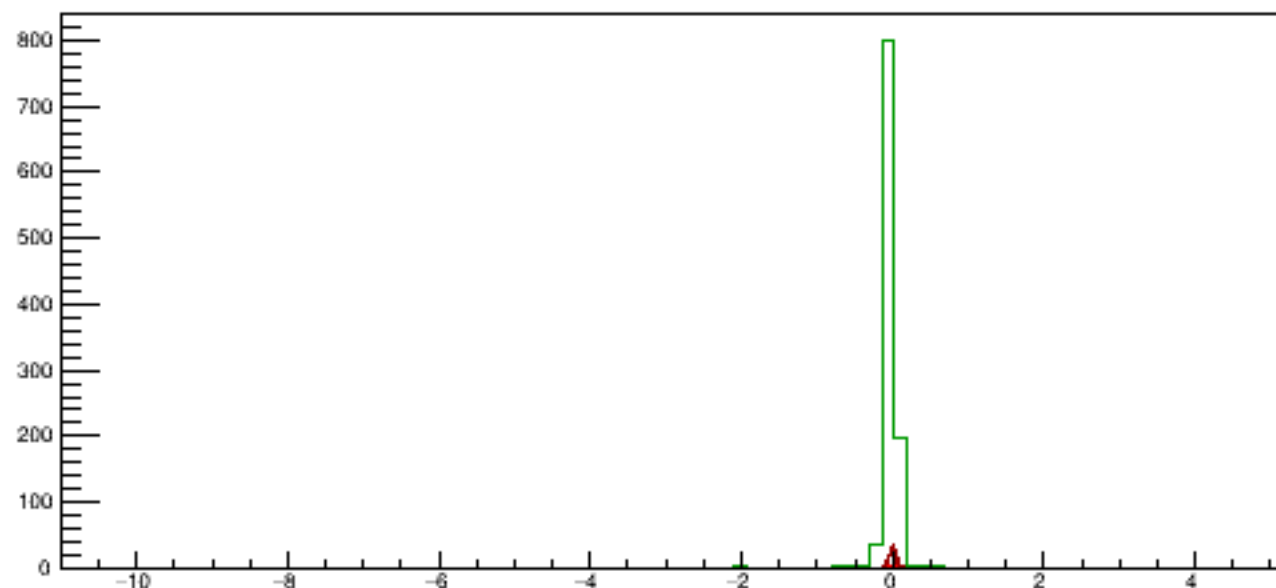
Run 5747 quartetwise, Sums



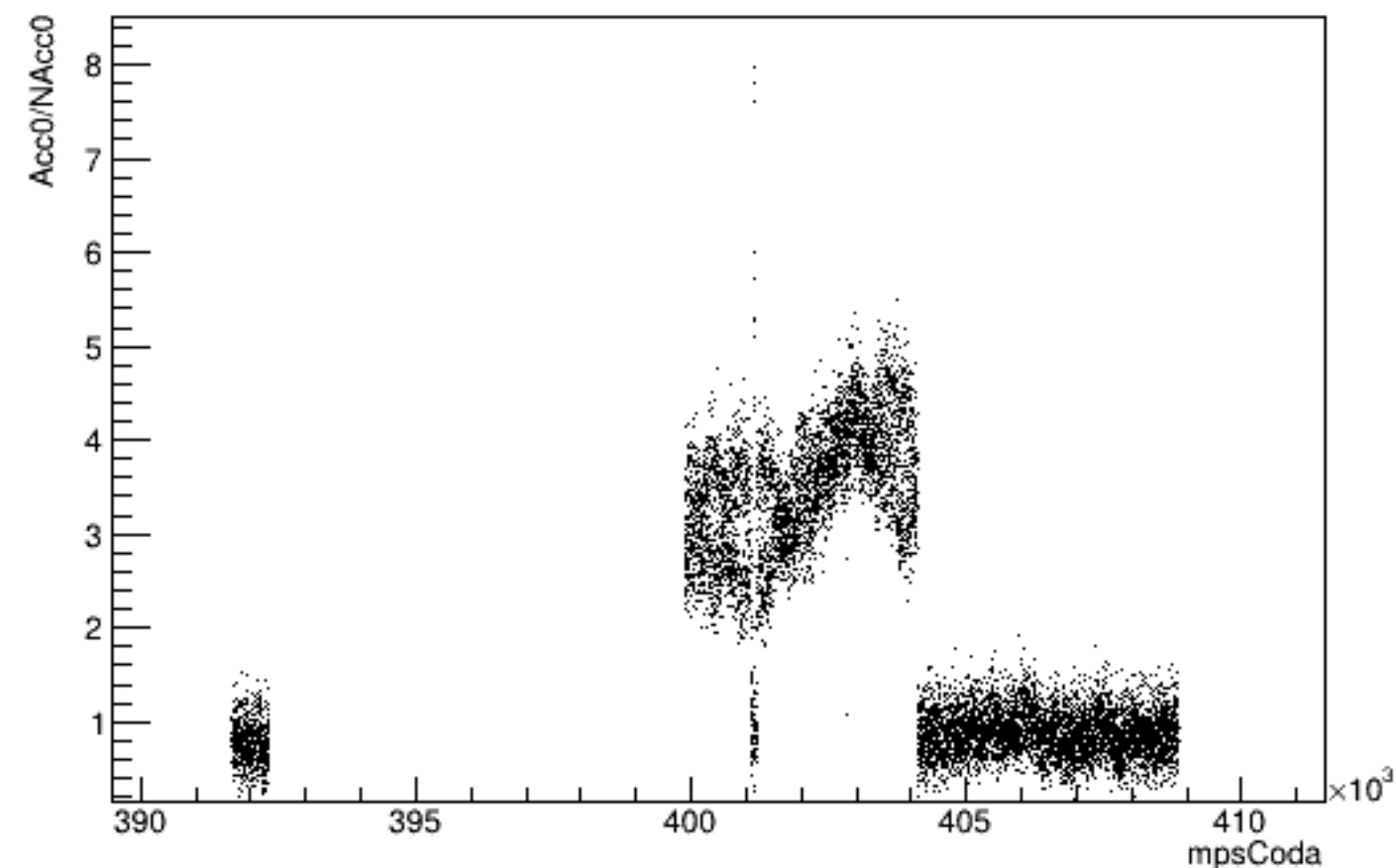
Cycle 2, Asyms

Entries: 134	Entries: 1057	Entries: 901
Mean: 0.0053 +/- 0.0037	Mean: -0.0477 +/- 0.0124	Mean: -0.0017 +/- 0.0015
Std Dev: 0.0427 +/- 0.0026	Std Dev: 0.4033 +/- 0.0088	Std Dev: 0.0459 +/- 0.0011

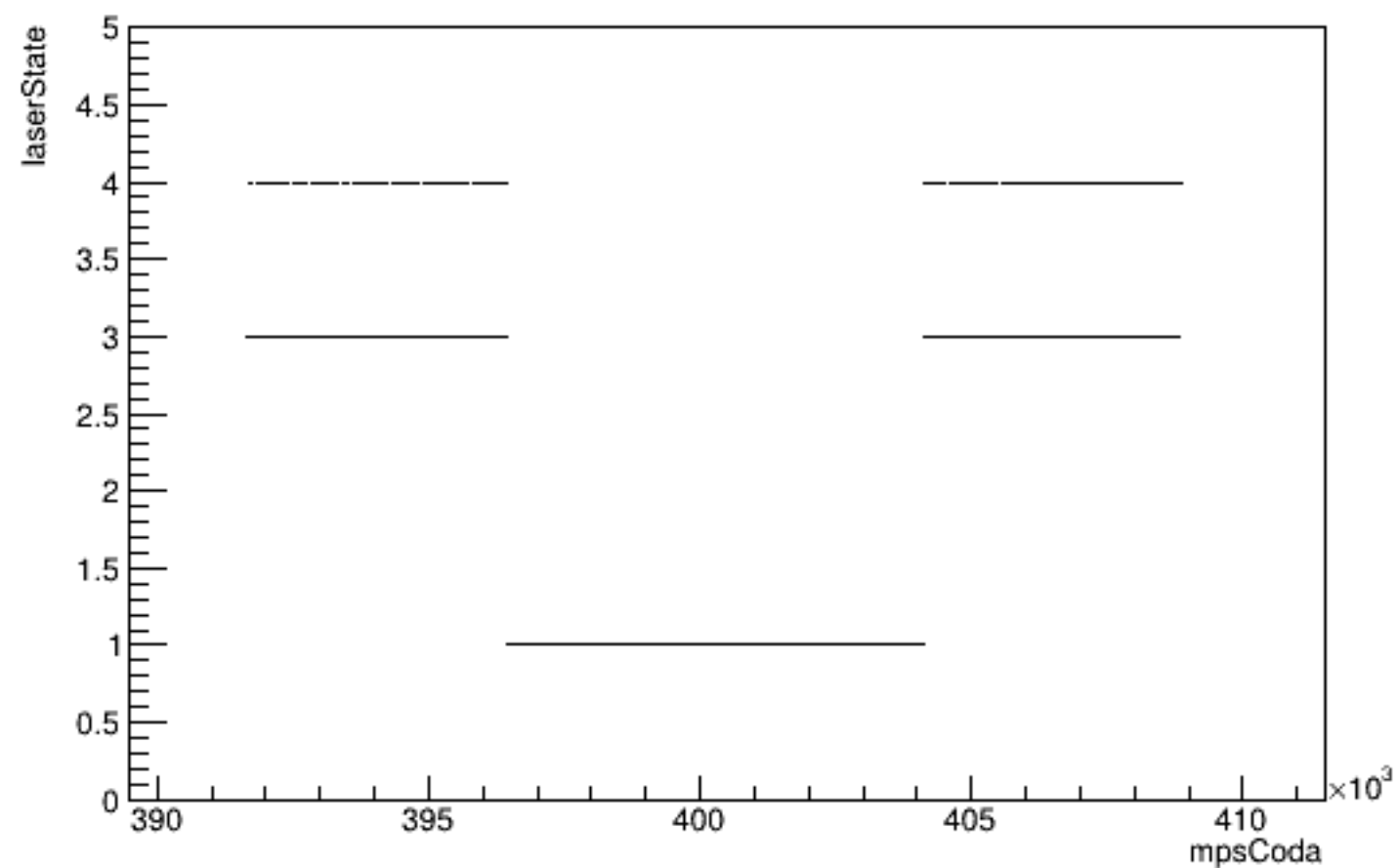
Run 5747 quartetwise, Asyms



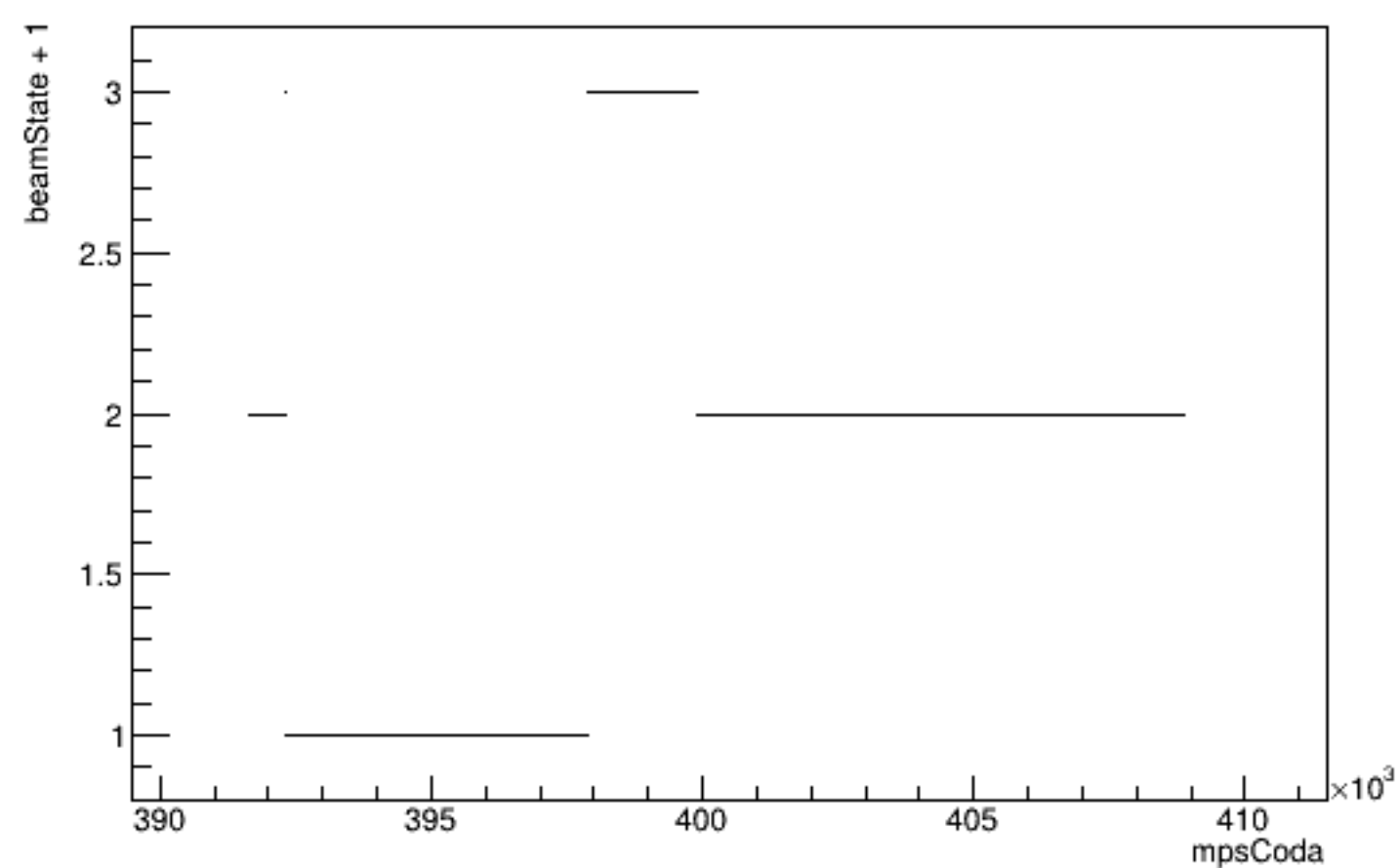
Acc0/NAcc0:mpsCoda (mpsCoda>=391657 && mpsCoda<=408856 && beamState==1)



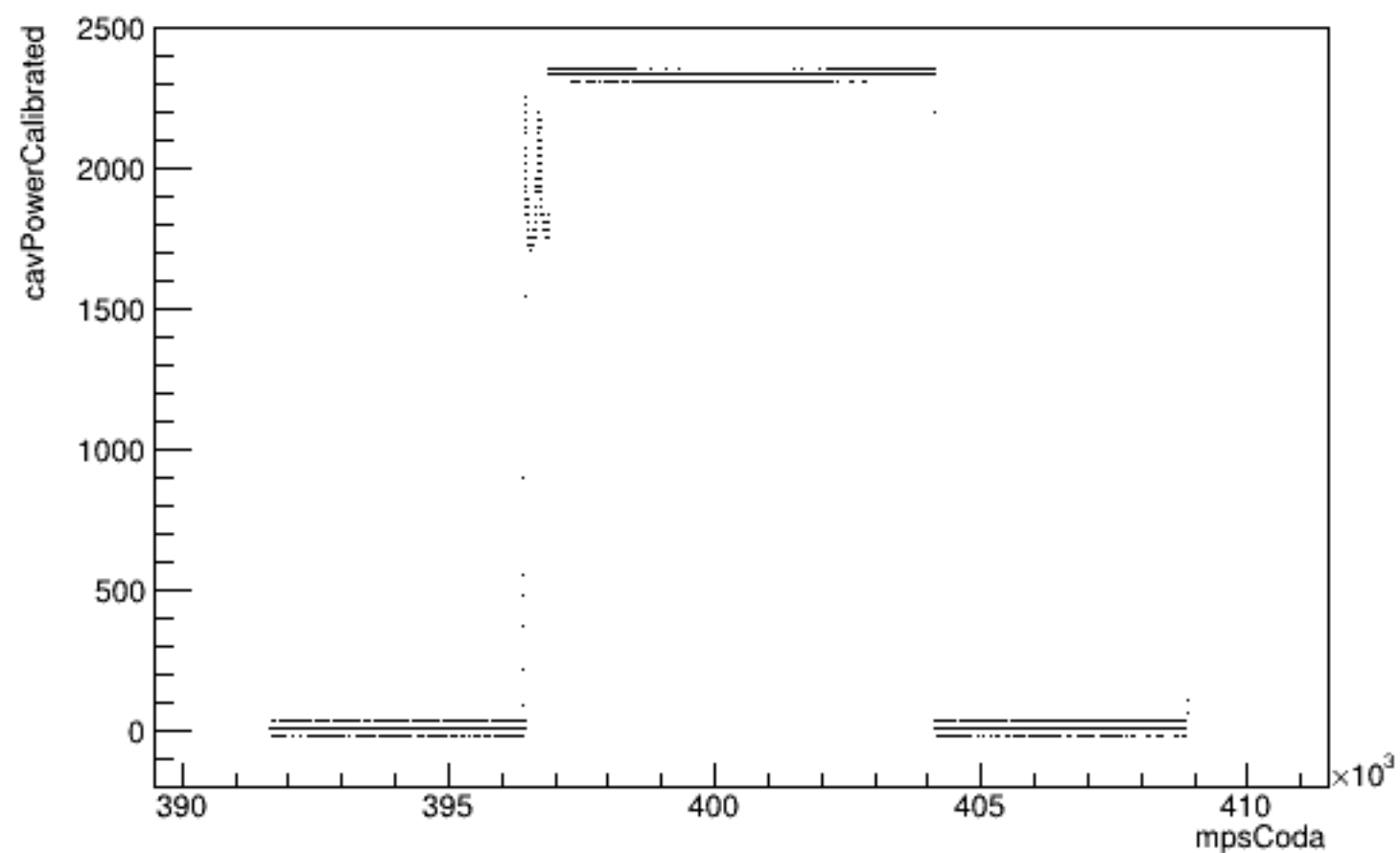
laserState:mpsCoda {mpsCoda>=391657 && mpsCoda<=408856}



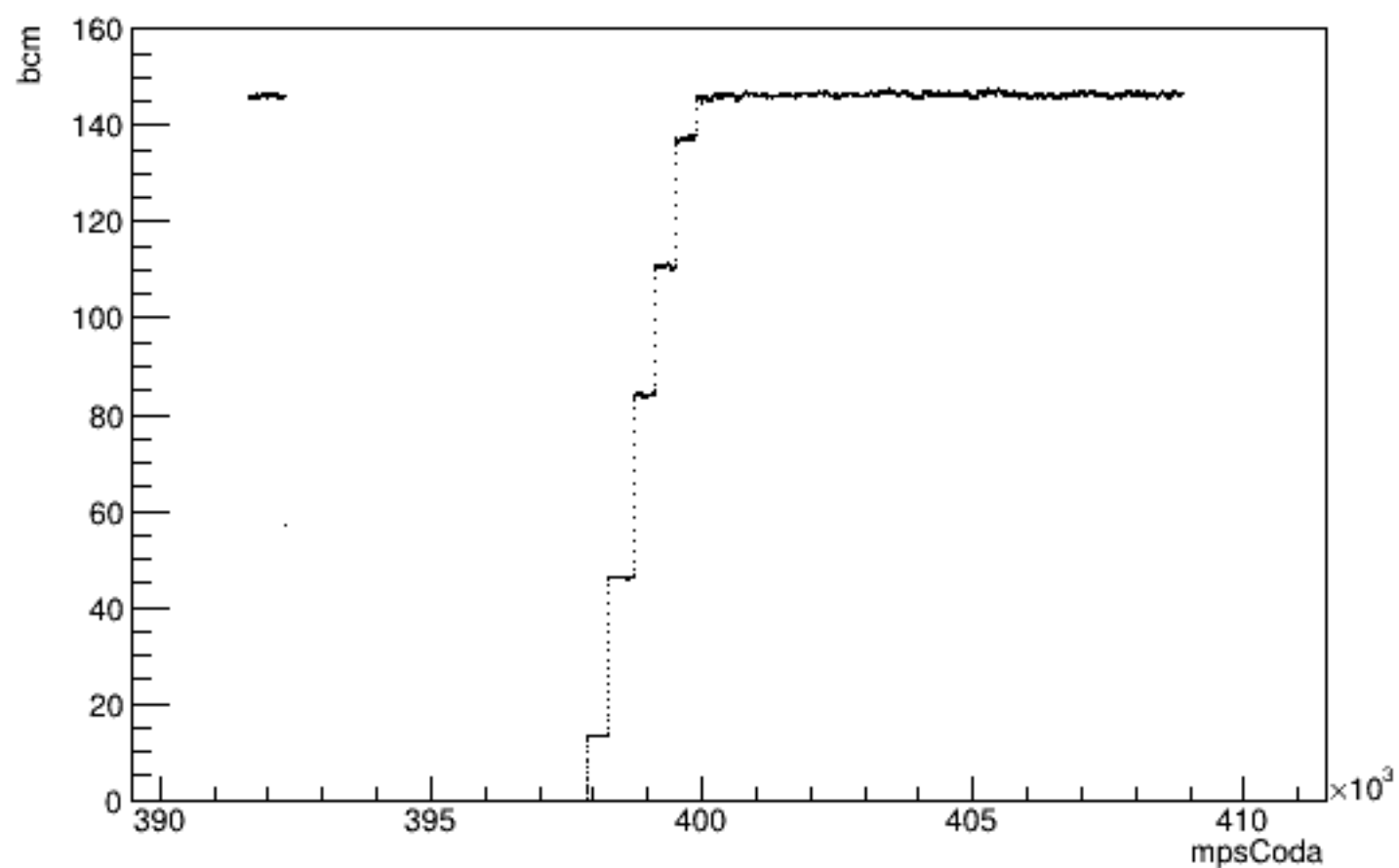
beamState + 1:mpsCoda {mpsCoda>=391657 && mpsCoda<=408856}



cavPowerCalibrated:mpsCoda {mpsCoda>=391657 && mpsCoda<=408856}



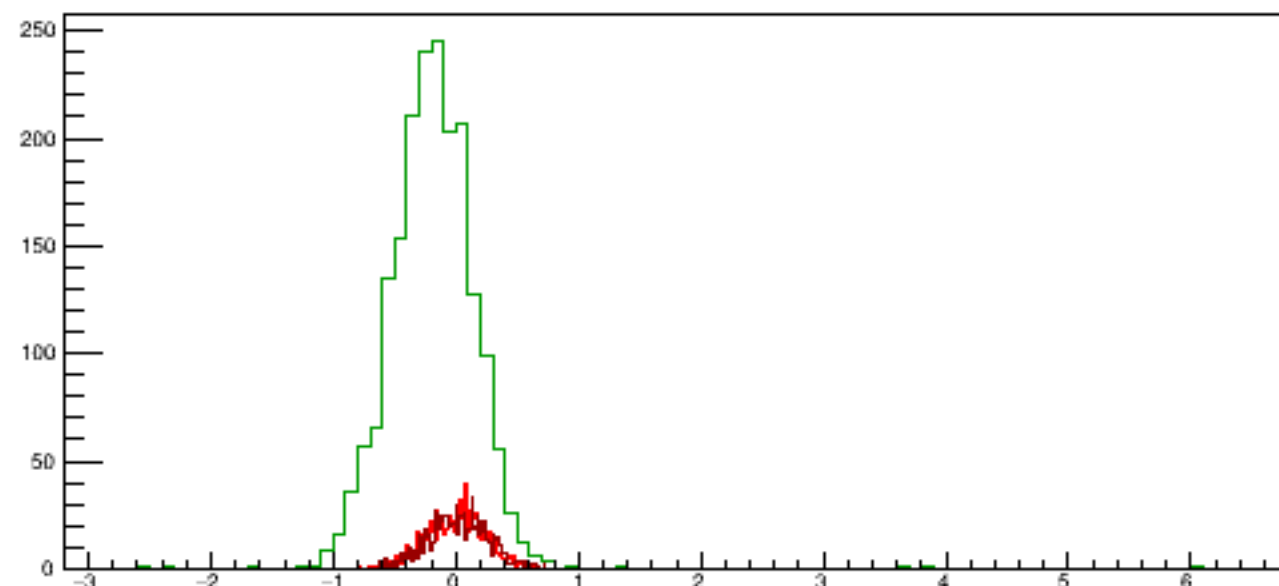
bcm:mpsCoda {mpsCoda>=391657 && mpsCoda<=408856}



Cycle 3, Diffs

Entries: 885	Entries: 1916	Entries: 936
Mean: -0.0025 +/- 0.0080	Mean: -0.1868 +/- 0.0086	Mean: 0.0118 +/- 0.0079
Std Dev: 0.2368 +/- 0.0056	Std Dev: 0.3779 +/- 0.0061	Std Dev: 0.2421 +/- 0.0056

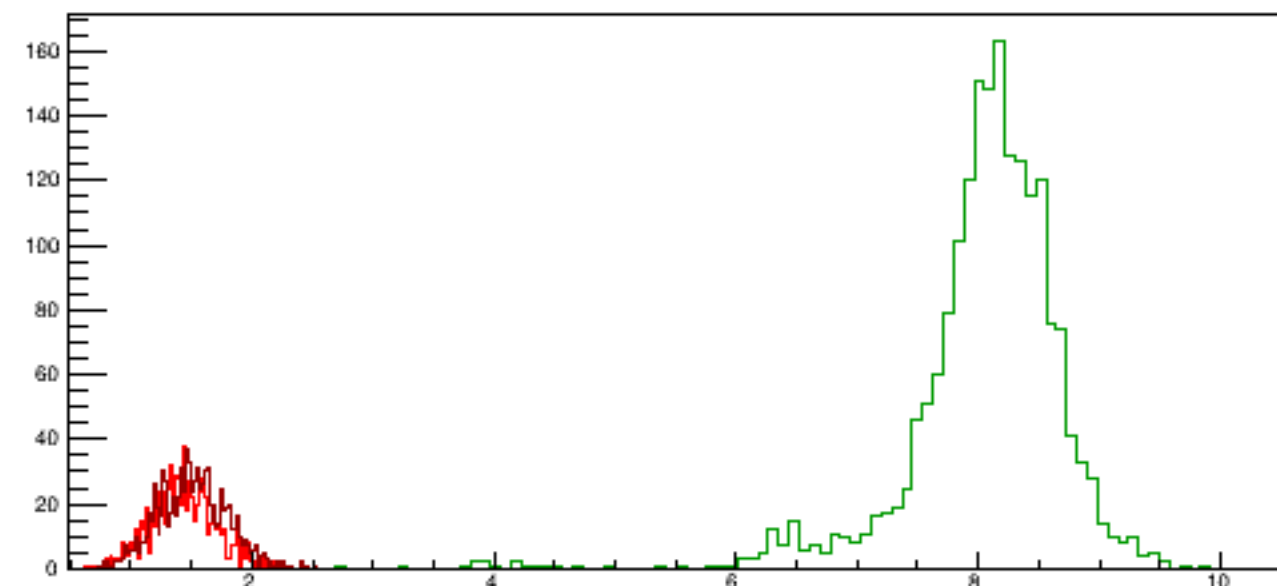
Run 5747 quartetwise, Diffs



Cycle 3, Sums

Entries: 885	Entries: 1916	Entries: 936
Mean: 1.4387 +/- 0.0092	Mean: 8.0544 +/- 0.0153	Mean: 1.5087 +/- 0.0093
Std Dev: 0.2746 +/- 0.0065	Std Dev: 0.6681 +/- 0.0108	Std Dev: 0.2859 +/- 0.0066

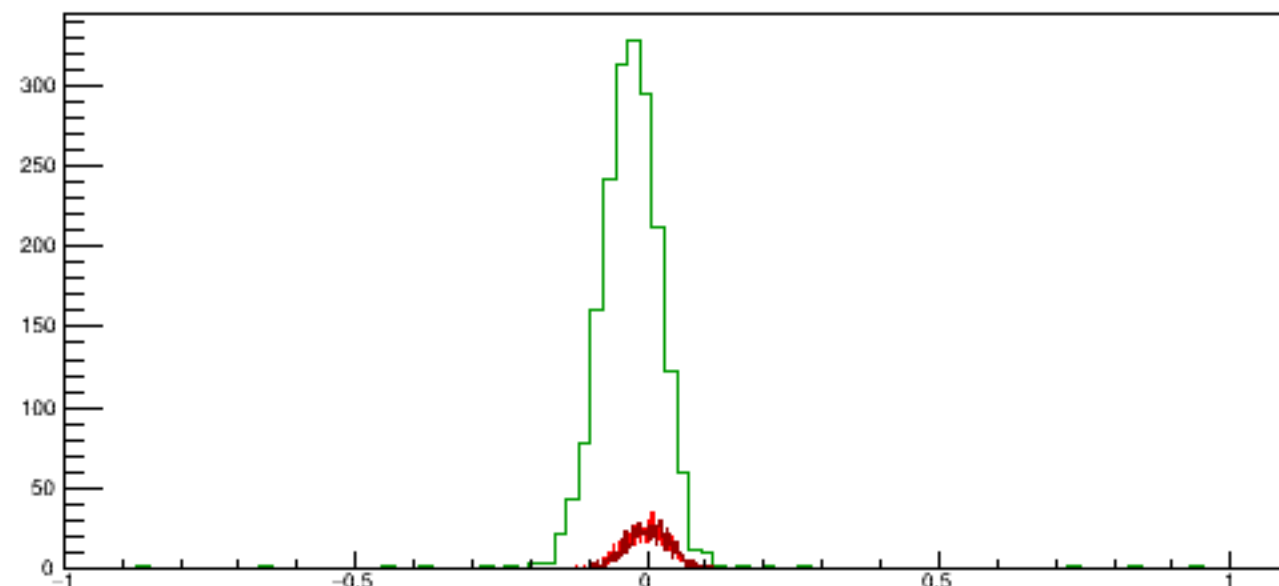
Run 5747 quartetwise, Sums



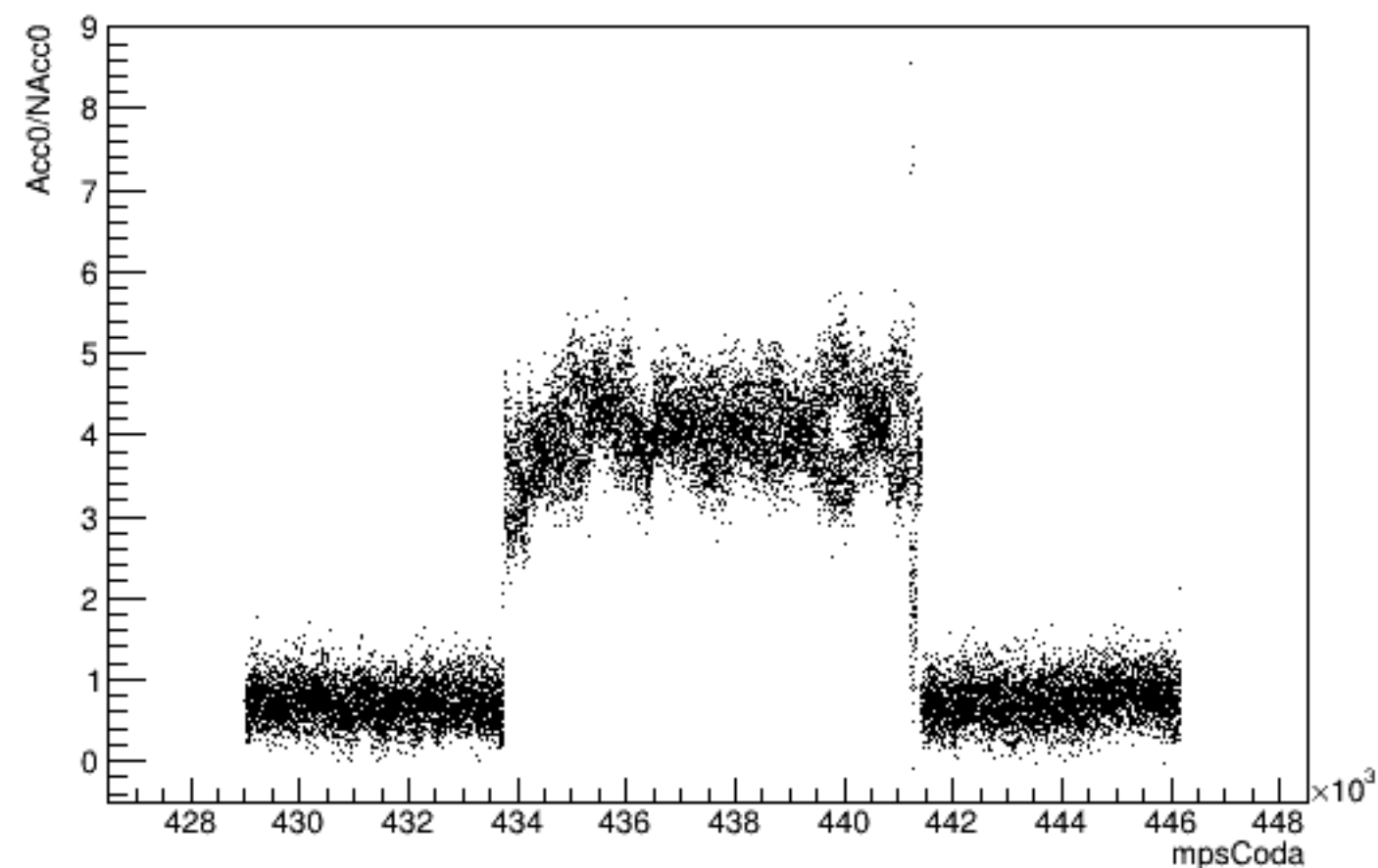
Cycle 3, Asyms

Entries: 885	Entries: 1916	Entries: 936
Mean: -0.0004 +/- 0.0012	Mean: -0.0290 +/- 0.0015	Mean: 0.0018 +/- 0.0012
Std Dev: 0.0360 +/- 0.0009	Std Dev: 0.0657 +/- 0.0011	Std Dev: 0.0368 +/- 0.0009

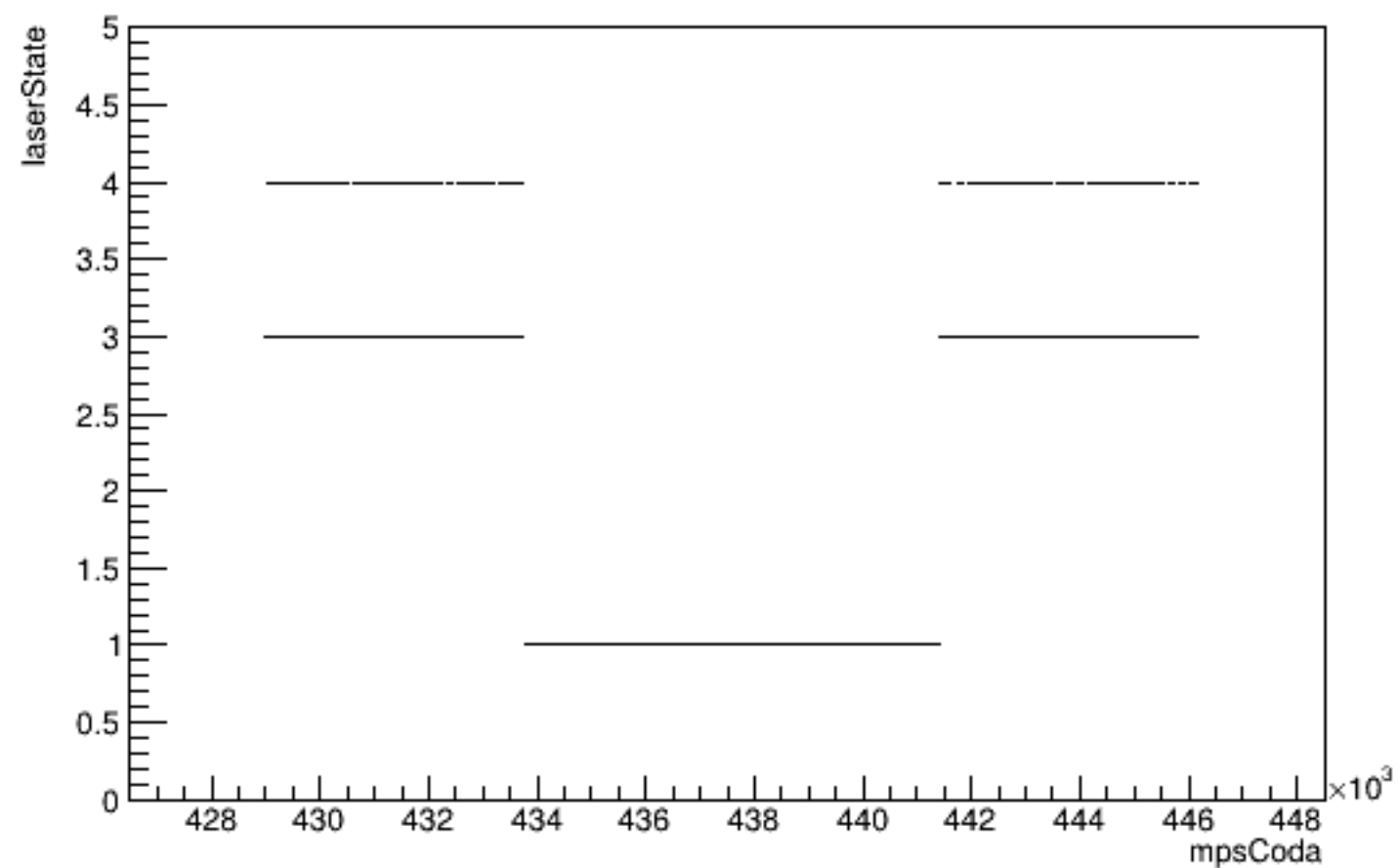
Run 5747 quartetwise, Asyms



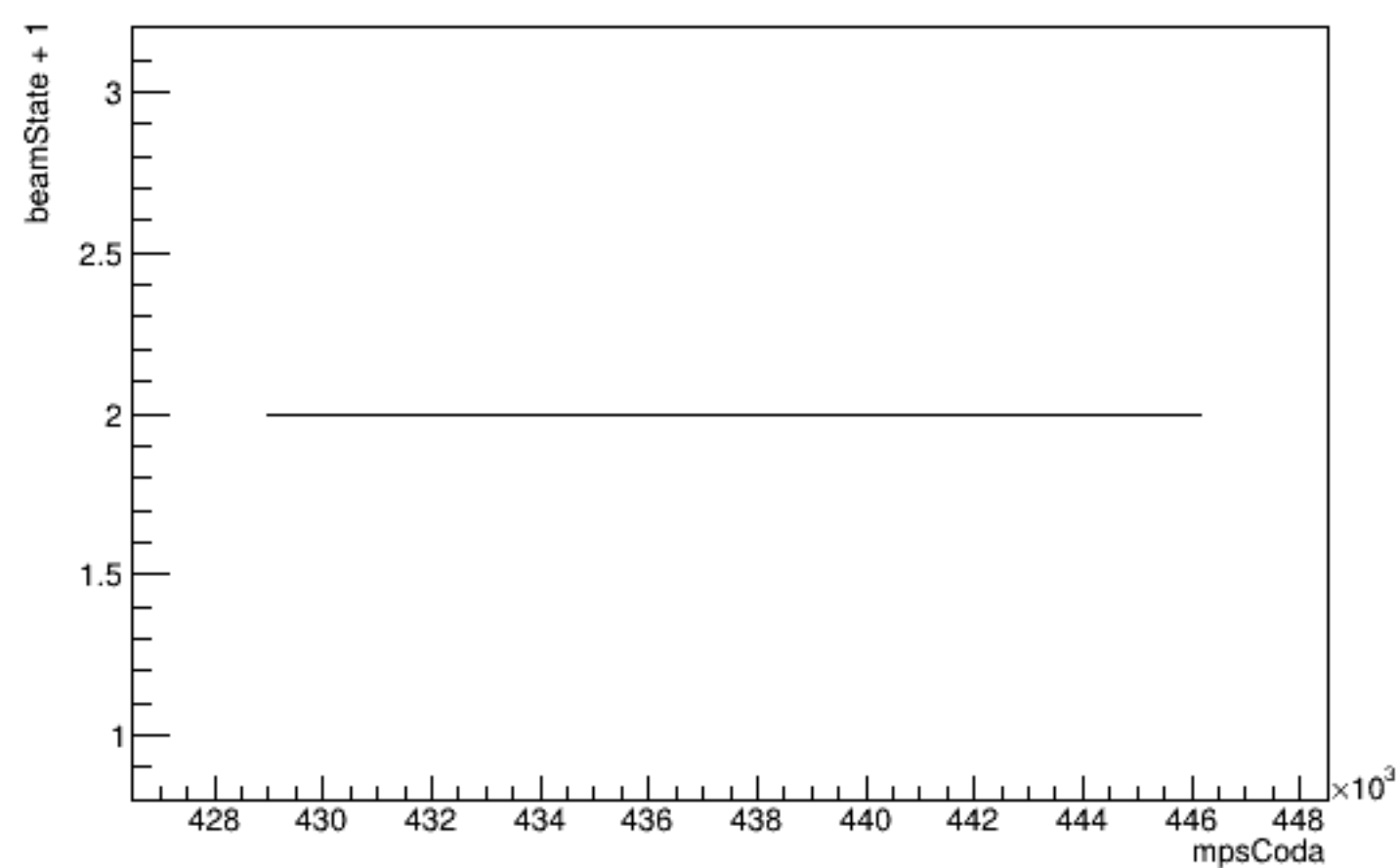
Acc0/NAcc0:mpsCoda (mpsCoda>=429001 && mpsCoda<=446172 && beamState==1)



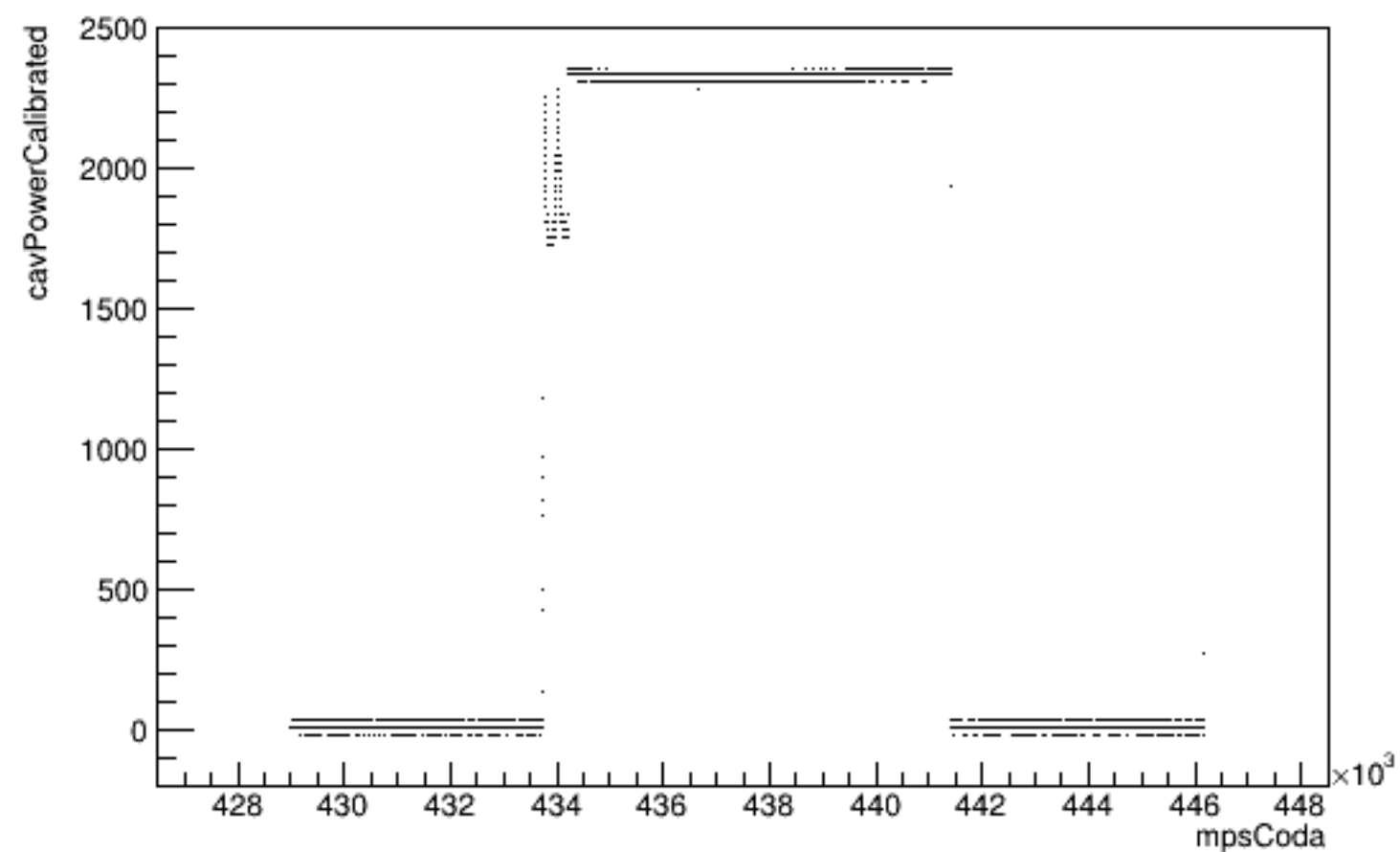
laserState:mpsCoda {mpsCoda>=429001 && mpsCoda<=446172}



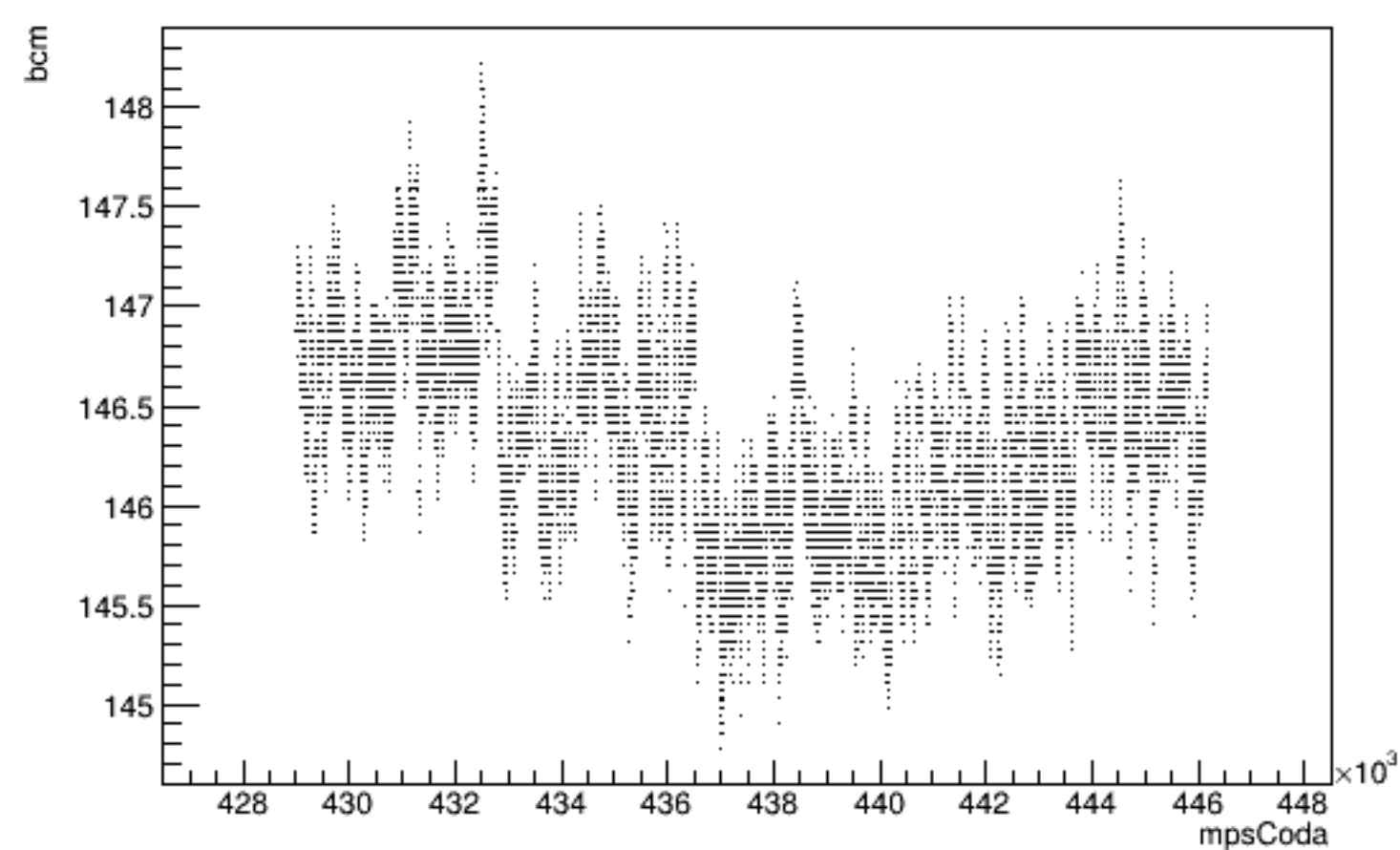
beamState + 1:mpsCoda {mpsCoda>=429001 && mpsCoda<=446172}



cavPowerCalibrated:mpsCoda {mpsCoda>=429001 && mpsCoda<=446172}



bcm:mpsCoda {mpsCoda>=429001 && mpsCoda<=446172}



Cycle 4, Diffs

Entries: 936

Mean: 0.0118 +/- 0.0079

Std Dev: 0.2421 +/- 0.0056

Entries: 887

Mean: -0.6294 +/- 0.0140

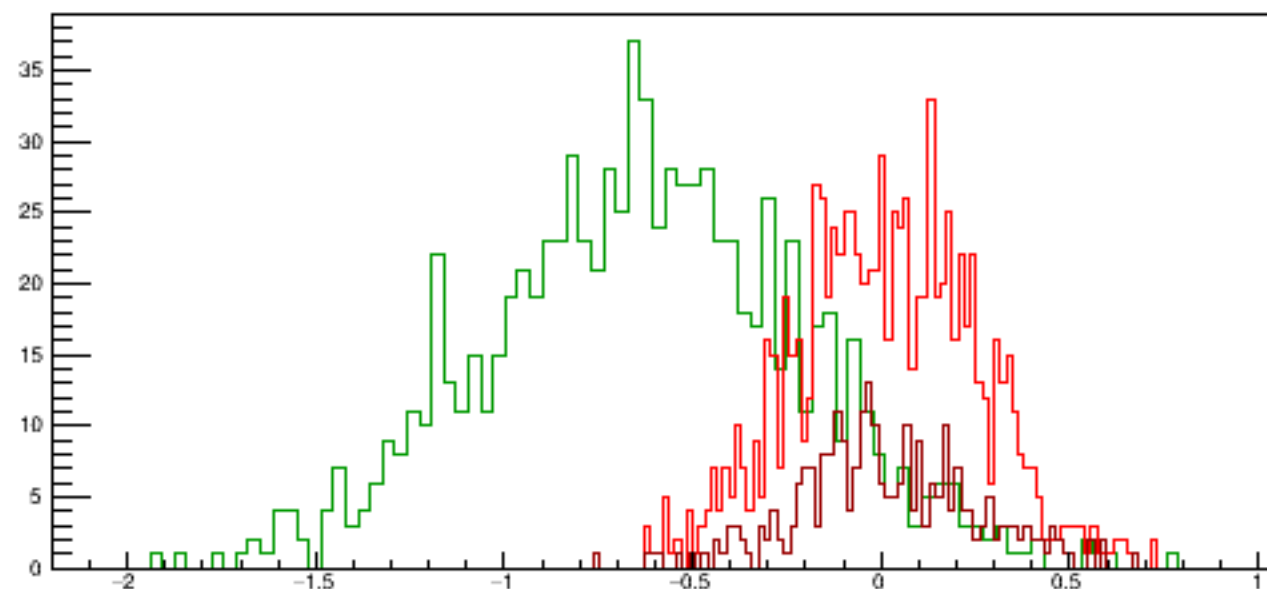
Std Dev: 0.4183 +/- 0.0099

Entries: 269

Mean: 0.0118 +/- 0.0146

Std Dev: 0.2397 +/- 0.0103

Run 5747 quartetwise, Diffs



Cycle 4, Sums

Entries: 936

Mean: 1.5087 +/- 0.0093

Std Dev: 0.2859 +/- 0.0066

Entries: 887

Mean: 21.9595 +/- 0.0815

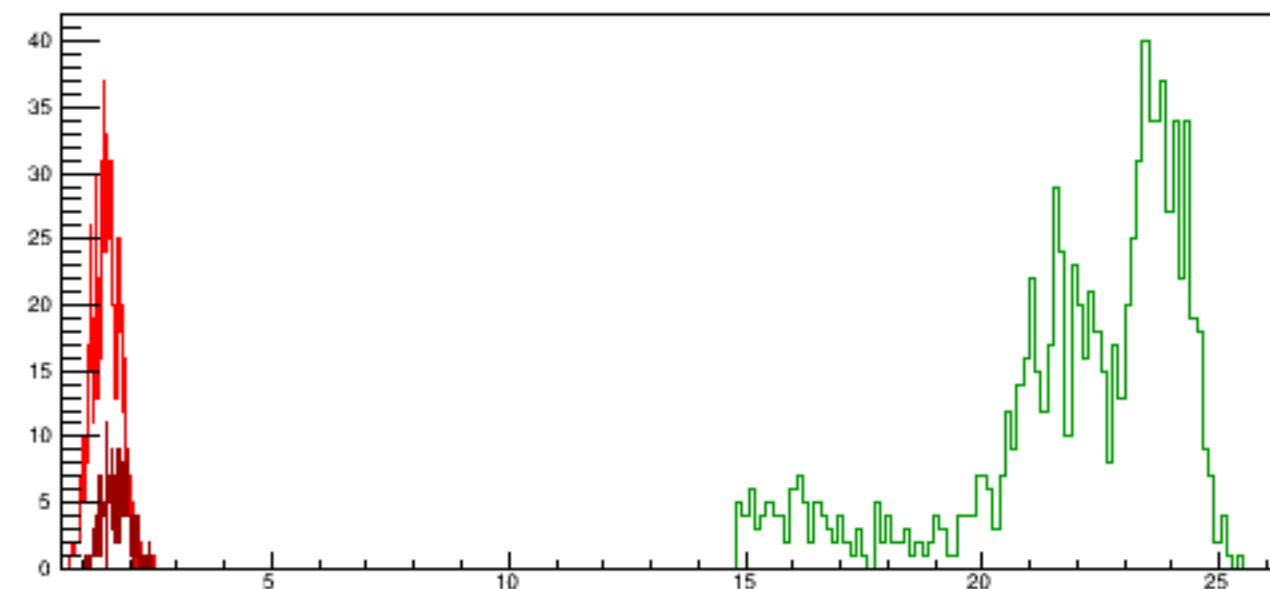
Std Dev: 2.4268 +/- 0.0576

Entries: 269

Mean: 1.7105 +/- 0.0160

Std Dev: 0.2622 +/- 0.0113

Run 5747 quartetwise, Sums



Cycle 4, Asyms

Entries: 936

Mean: 0.0006 +/- 0.0004

Std Dev: 0.0119 +/- 0.0003

Entries: 887

Mean: -0.0309 +/- 0.0007

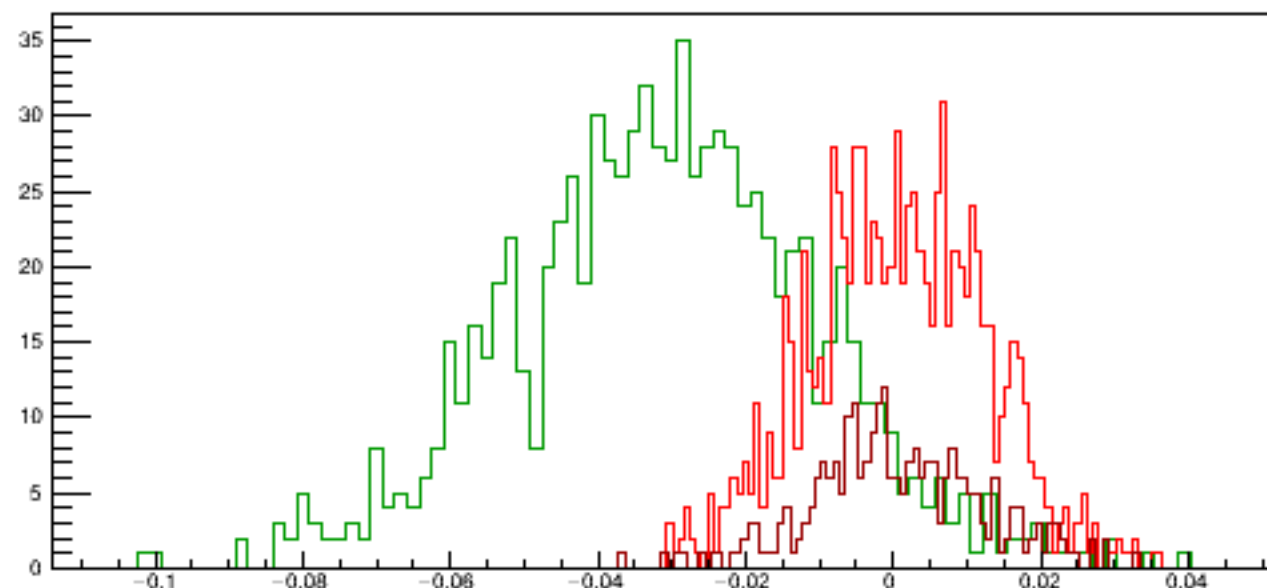
Std Dev: 0.0209 +/- 0.0005

Entries: 269

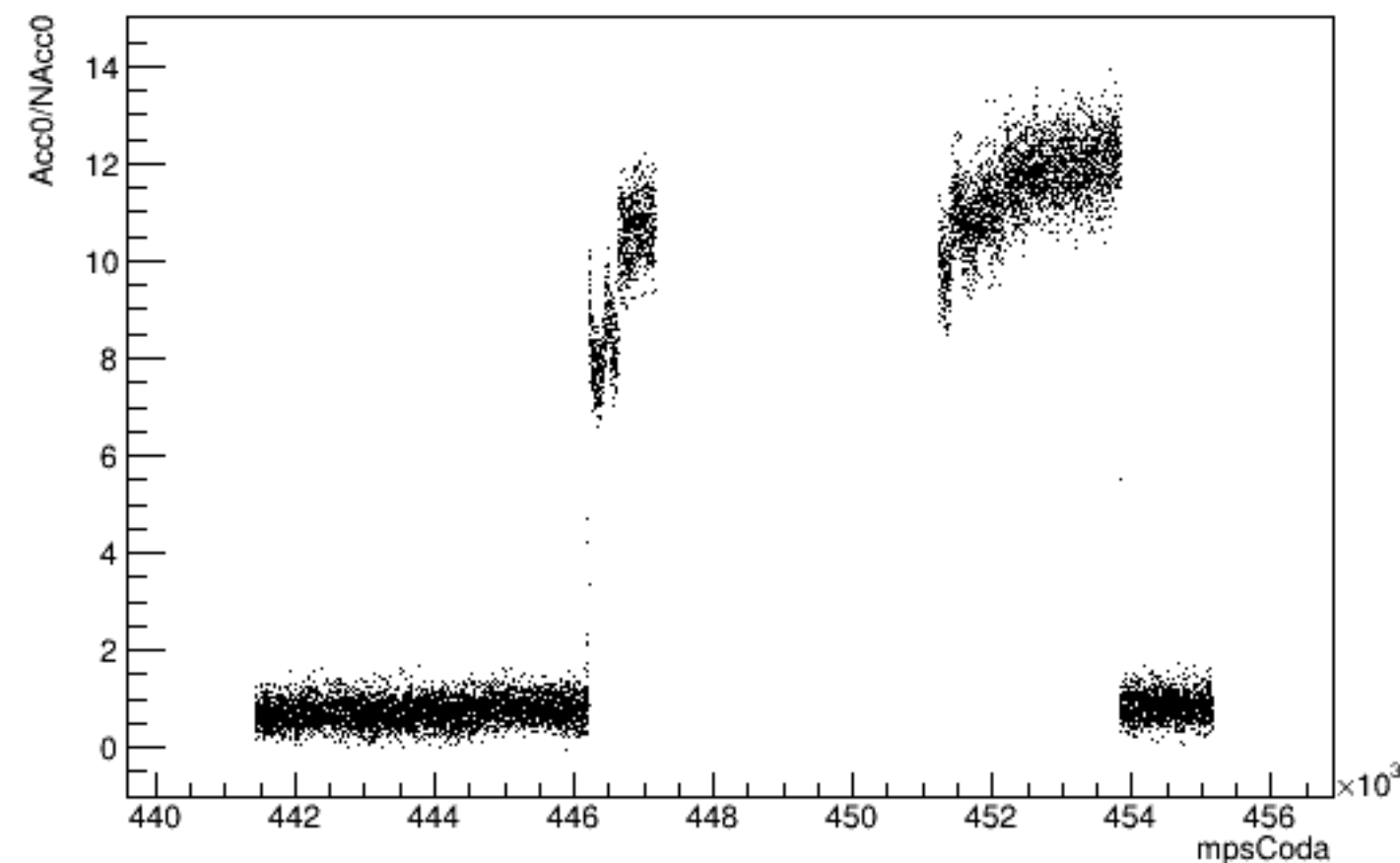
Mean: 0.0006 +/- 0.0007

Std Dev: 0.0118 +/- 0.0005

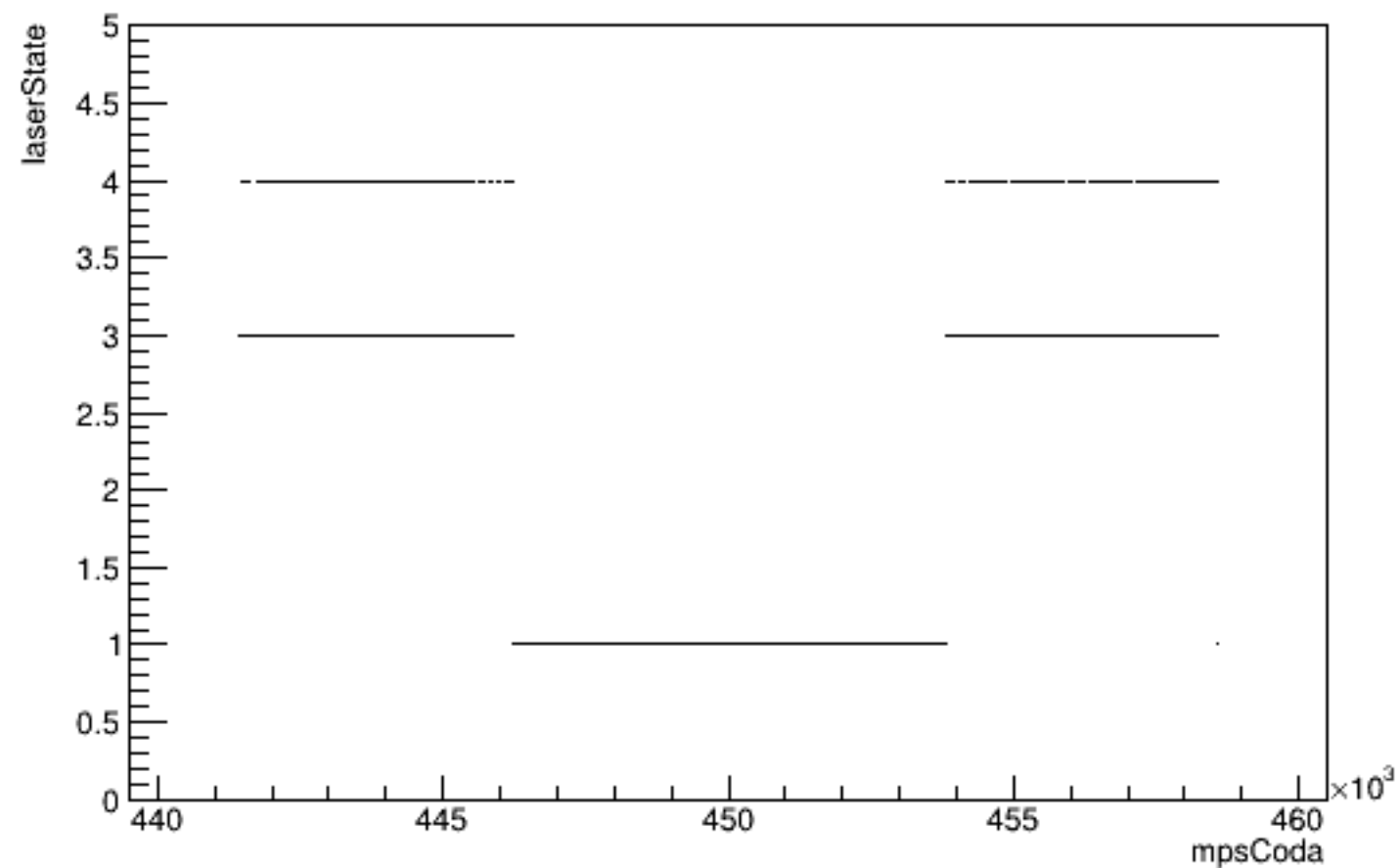
Run 5747 quartetwise, Asyms



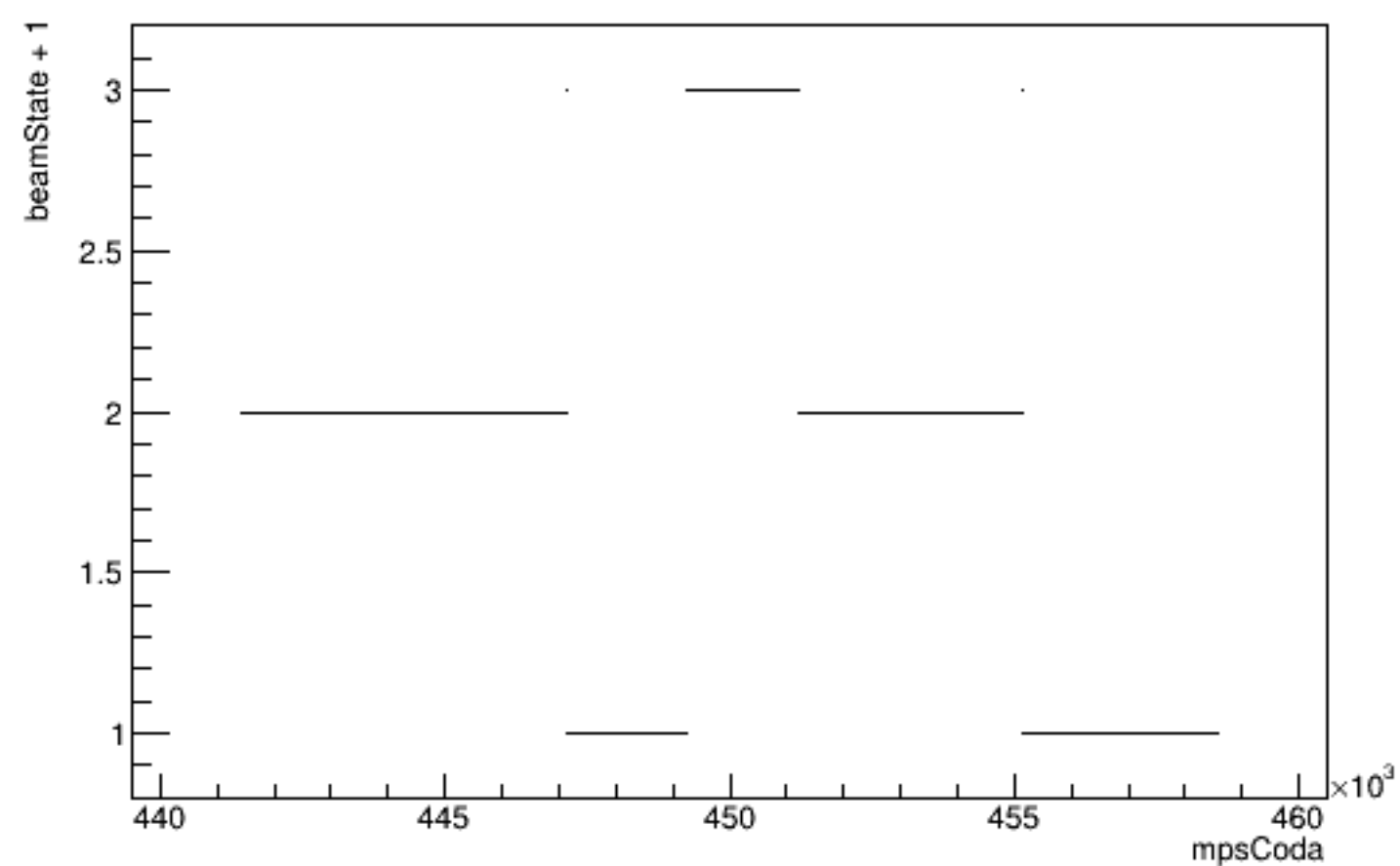
Acc0/NAcc0:mpsCoda (mpsCoda>=441425 && mpsCoda<=458564 && beamState==1)



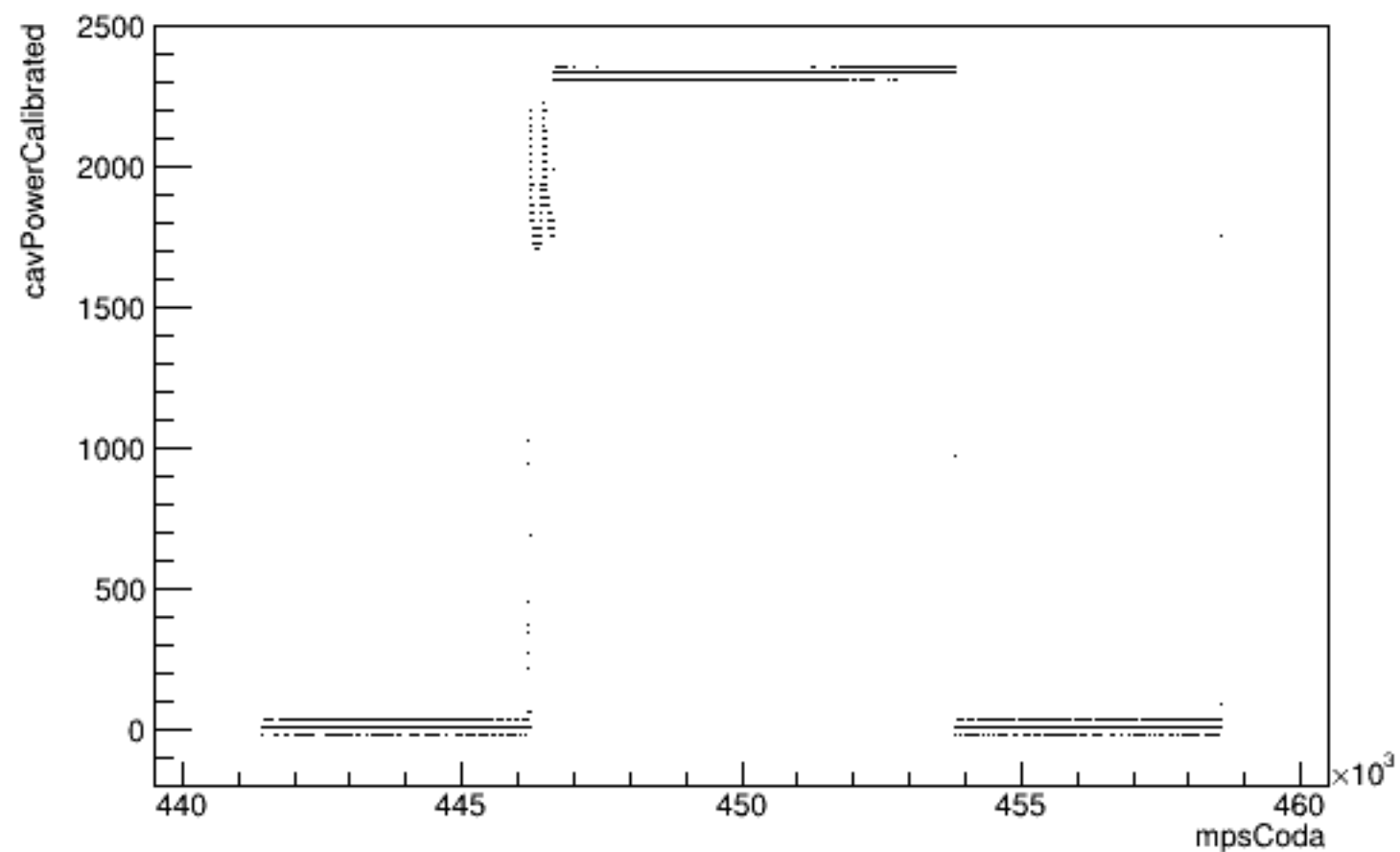
laserState:mpsCoda {mpsCoda>=441425 && mpsCoda<=458564}



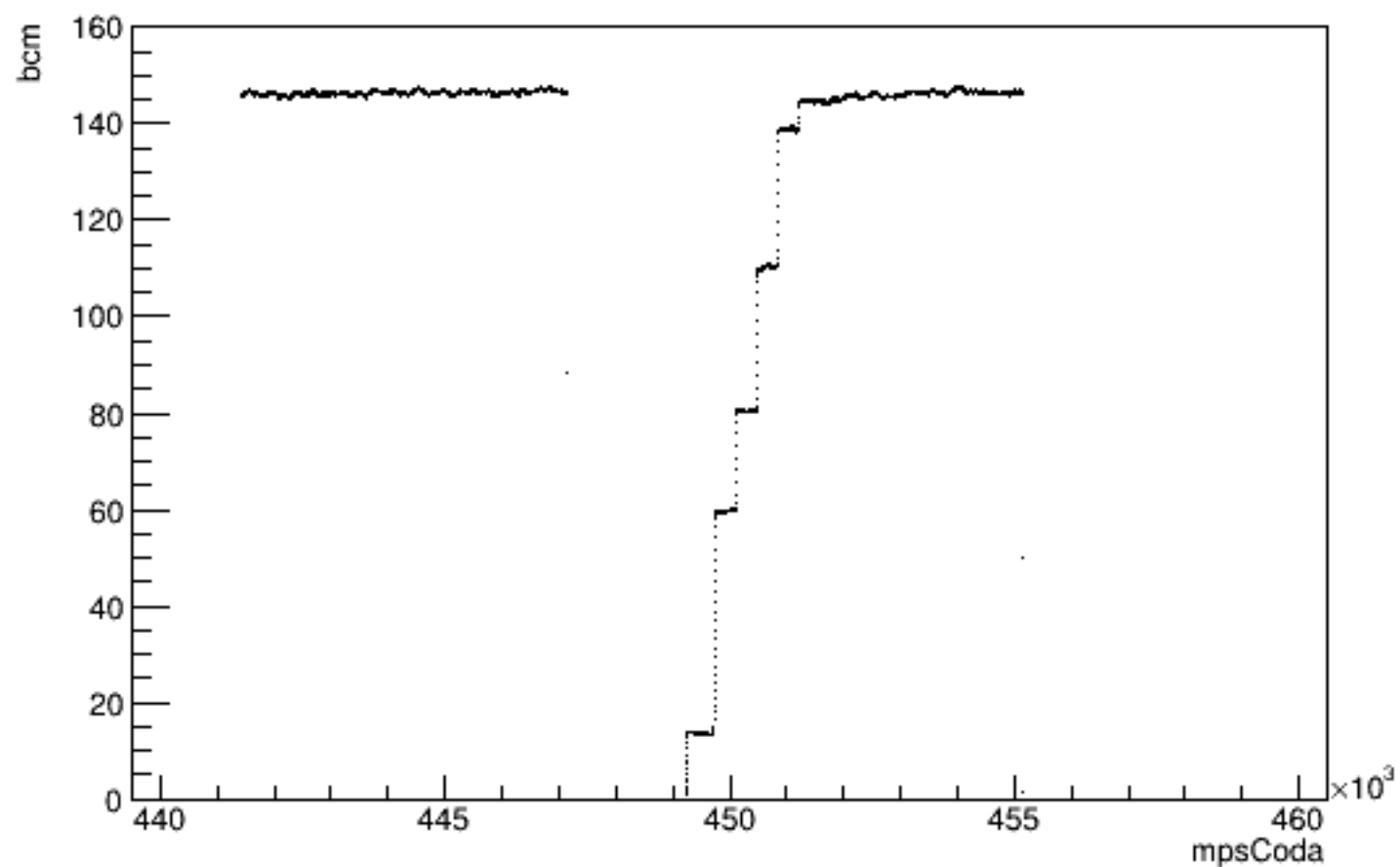
beamState + 1:mpsCoda {mpsCoda>=441425 && mpsCoda<=458564}



cavPowerCalibrated:mpsCoda {mpsCoda>=441425 && mpsCoda<=458564}



bcm:mpsCoda {mpsCoda>=441425 && mpsCoda<=458564}



Cycle 5, Diffs

Entries: 913

Mean: -0.0055 +/- 0.0082

Std Dev: 0.2476 +/- 0.0058

Entries: 1906

Mean: -0.7161 +/- 0.0096

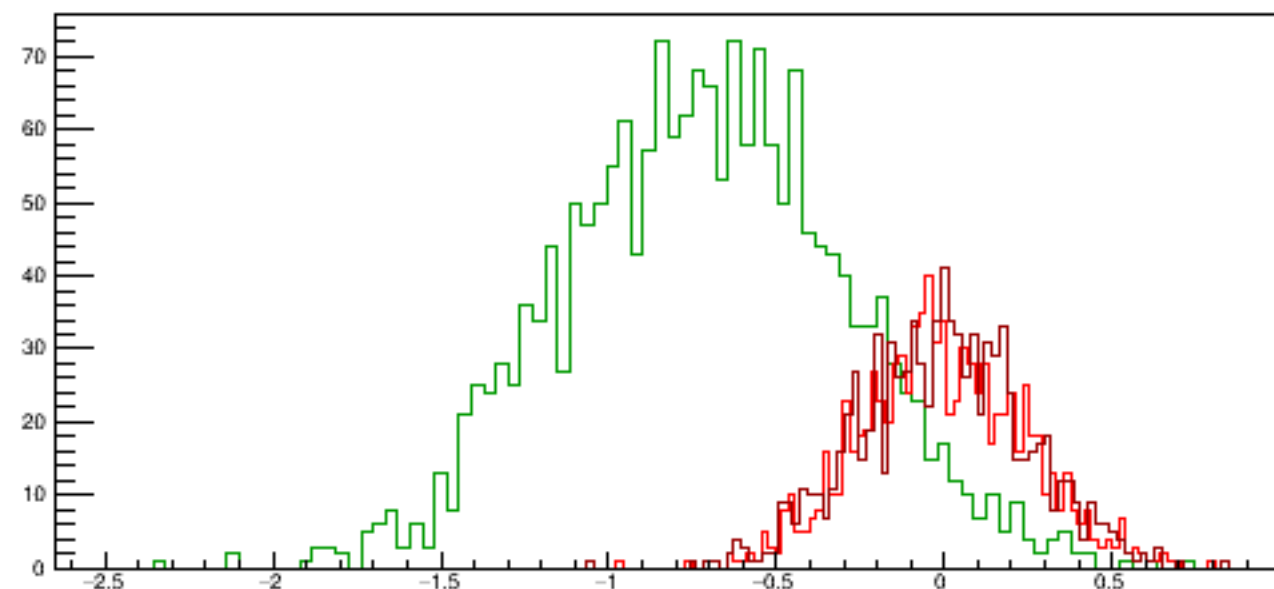
Std Dev: 0.4210 +/- 0.0068

Entries: 907

Mean: -0.0079 +/- 0.0083

Std Dev: 0.2515 +/- 0.0059

Run 5747 quartetwise, Diffs



Cycle 5, Sums

Entries: 913

Mean: 2.3558 +/- 0.0098

Std Dev: 0.2966 +/- 0.0069

Entries: 1906

Mean: 25.6336 +/- 0.0299

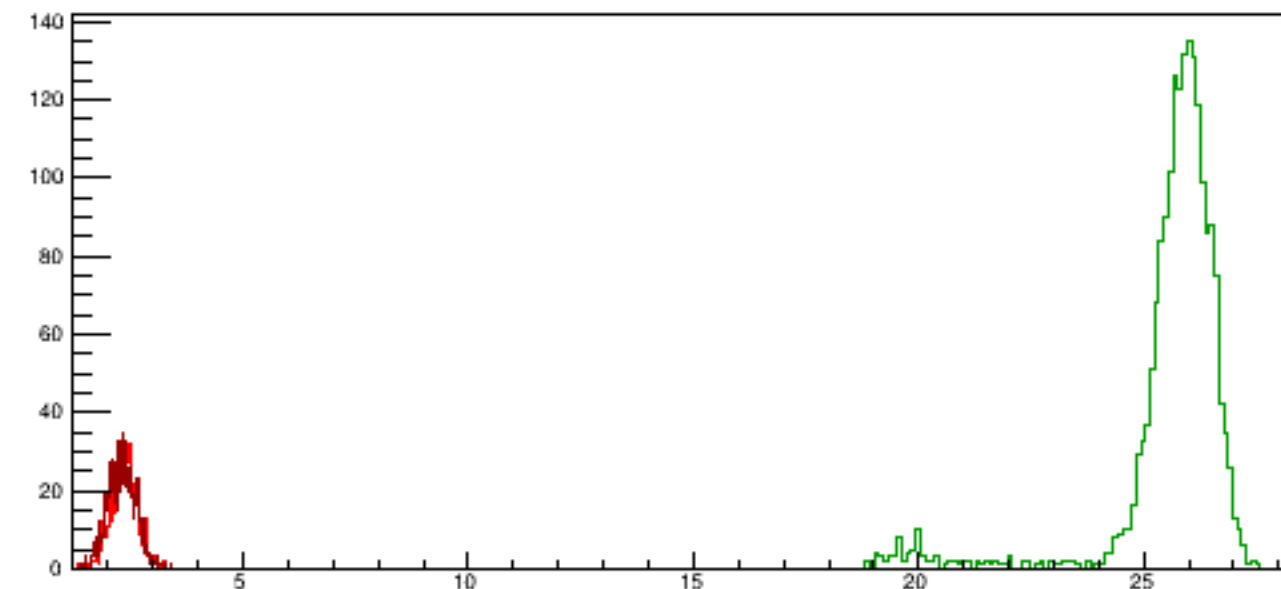
Std Dev: 1.3047 +/- 0.0211

Entries: 907

Mean: 2.3098 +/- 0.0104

Std Dev: 0.3121 +/- 0.0073

Run 5747 quartetwise, Sums



Cycle 5, Asyms

Entries: 913

Mean: -0.0002 +/- 0.0004

Std Dev: 0.0106 +/- 0.0002

Entries: 1906

Mean: -0.0307 +/- 0.0004

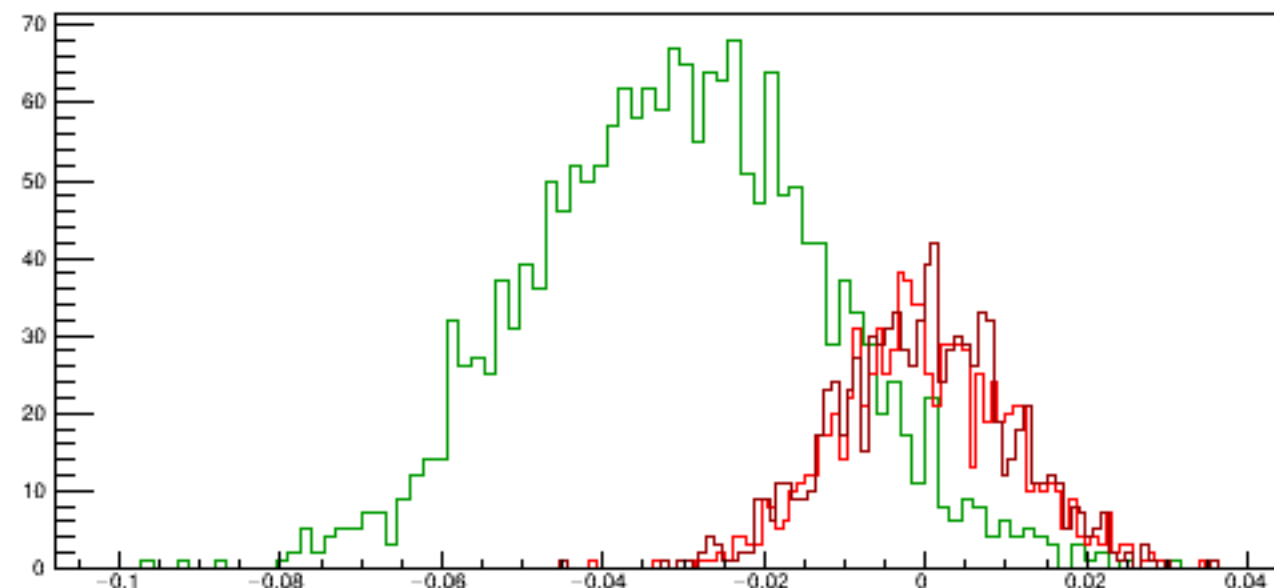
Std Dev: 0.0180 +/- 0.0003

Entries: 907

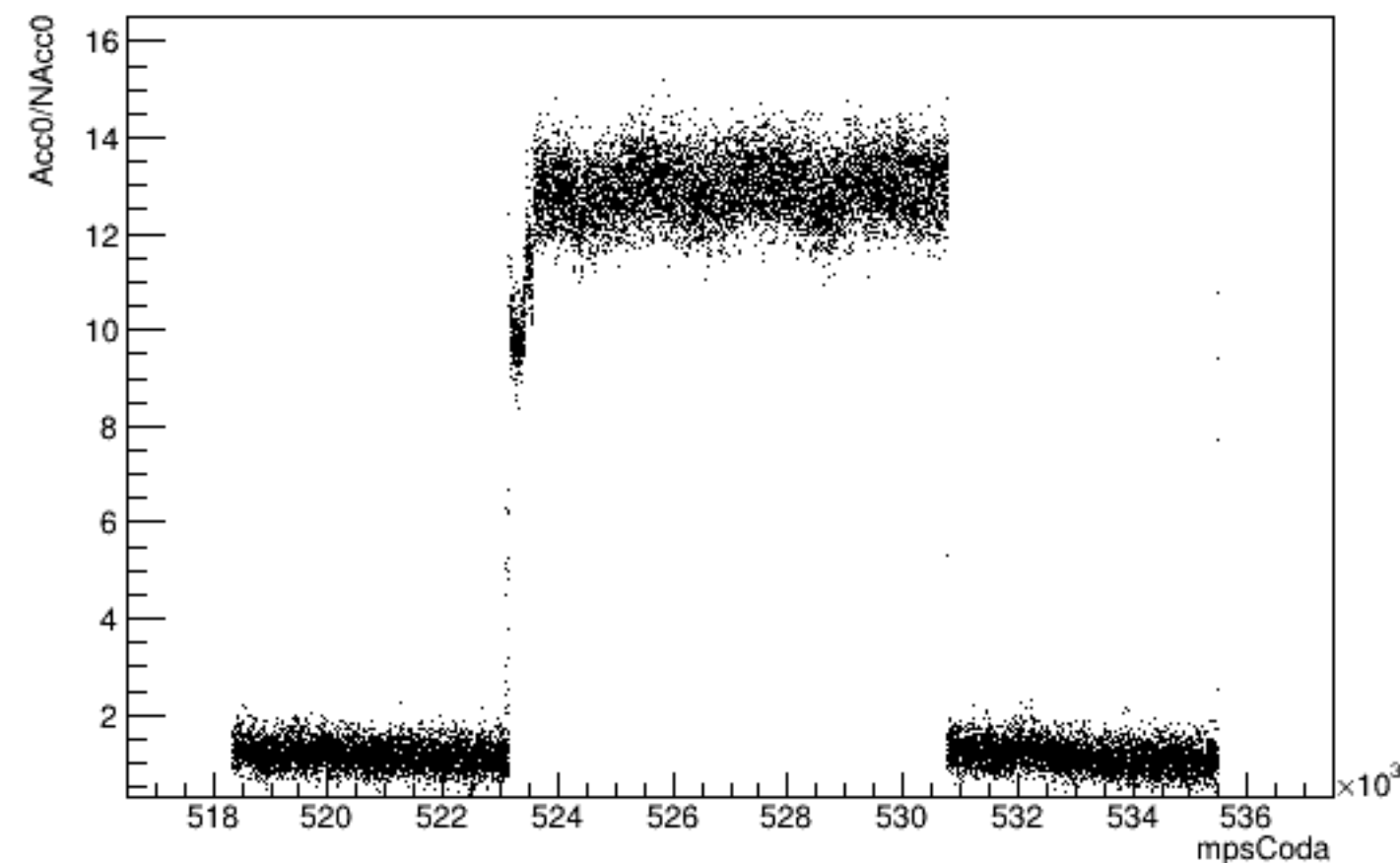
Mean: -0.0003 +/- 0.0004

Std Dev: 0.0108 +/- 0.0003

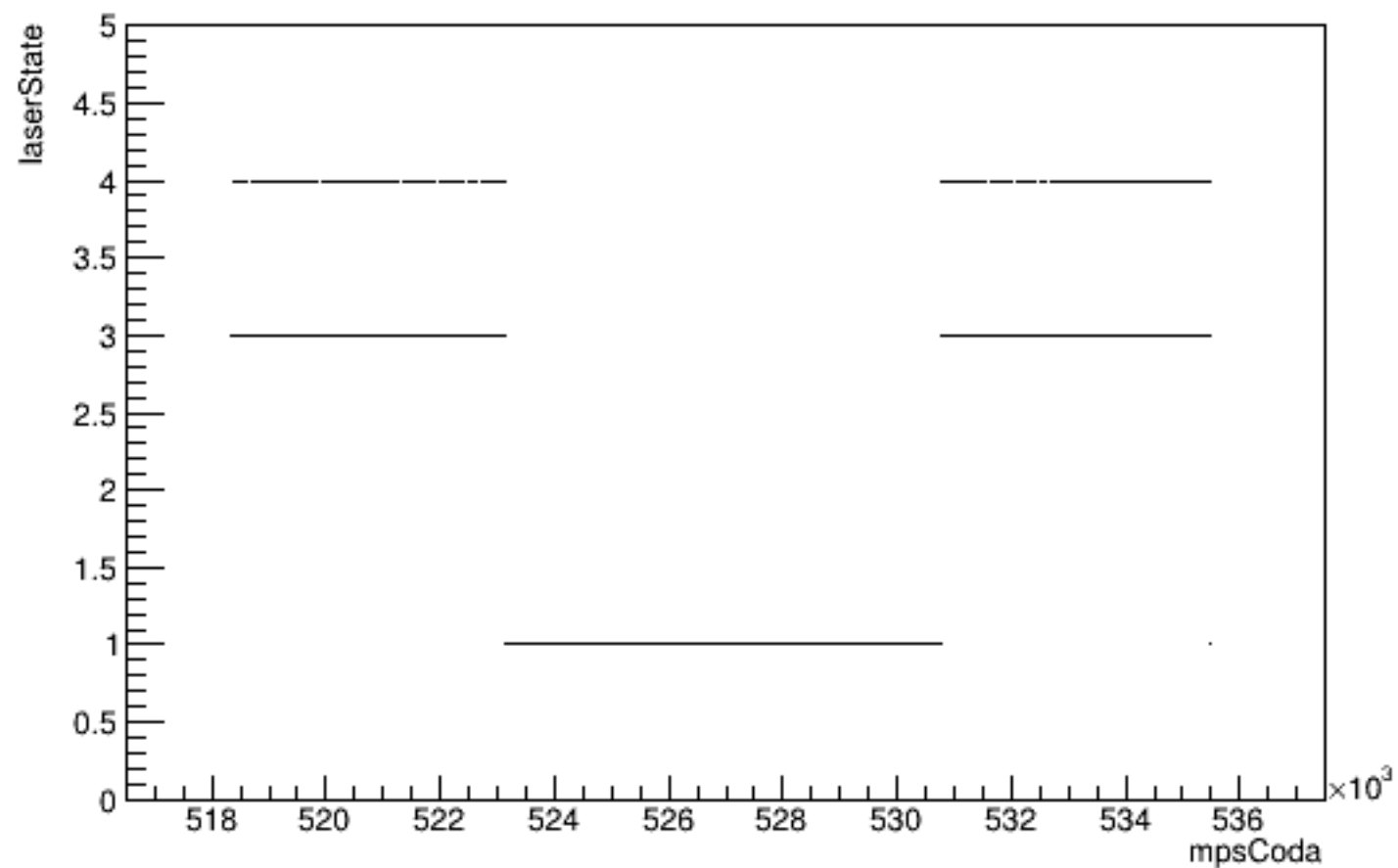
Run 5747 quartetwise, Asyms



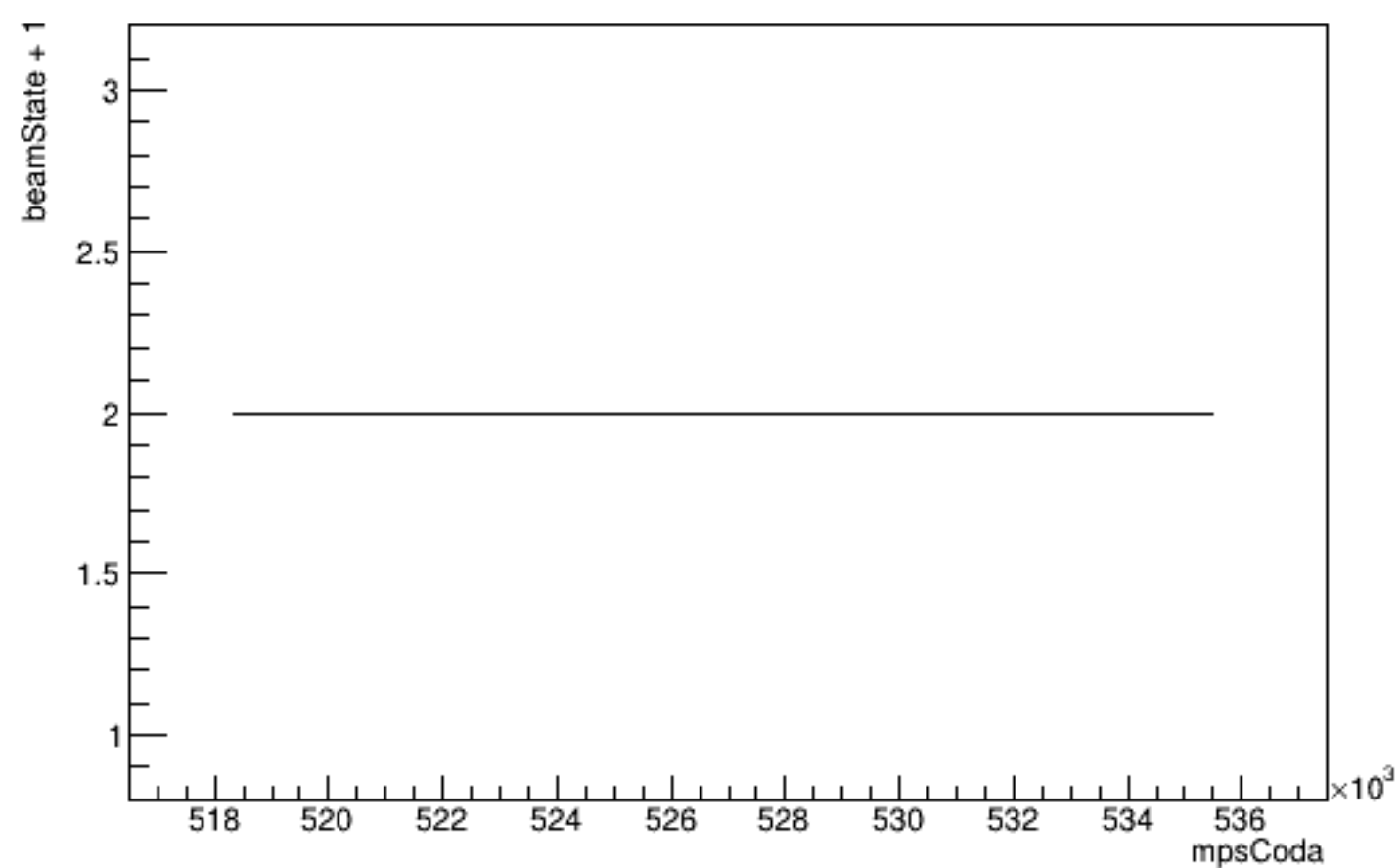
Acc0/NAcc0:mpsCoda (mpsCoda>=518341 && mpsCoda<=535480 && beamState==1)



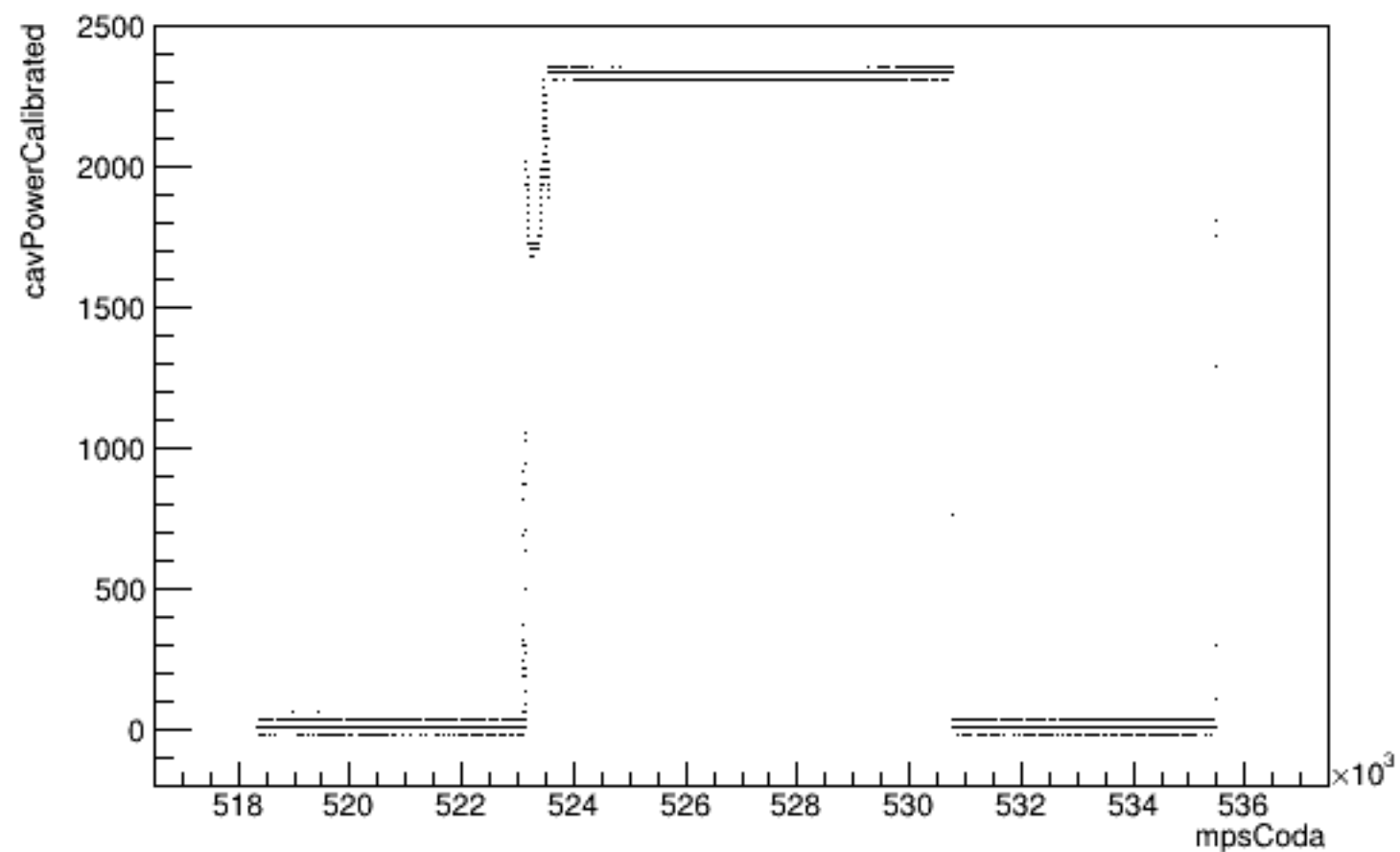
laserState:mpsCoda {mpsCoda>=518341 && mpsCoda<=535480}



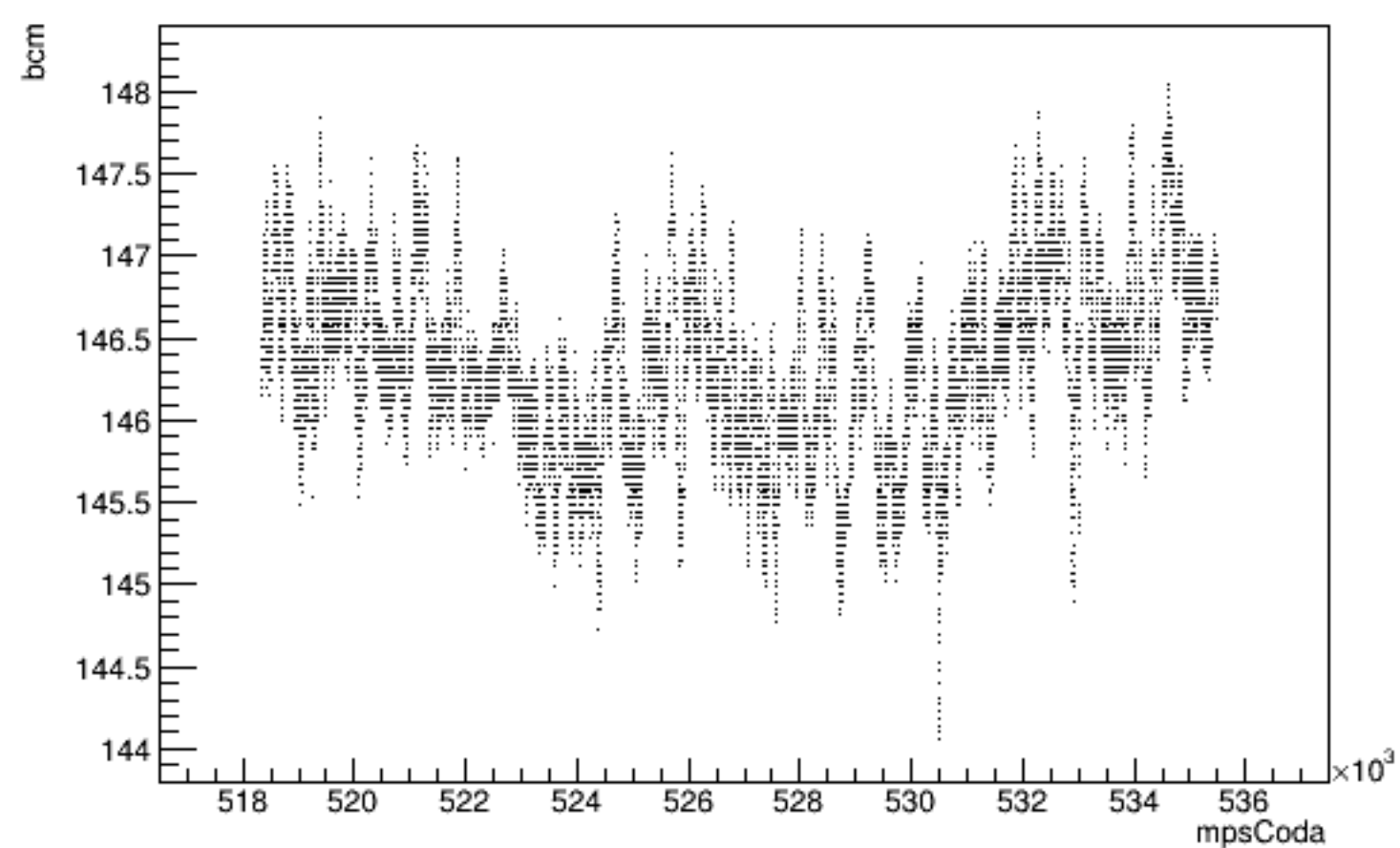
beamState + 1:mpsCoda {mpsCoda>=518341 && mpsCoda<=535480}



cavPowerCalibrated:mpsCoda {mpsCoda>=518341 && mpsCoda<=535480}



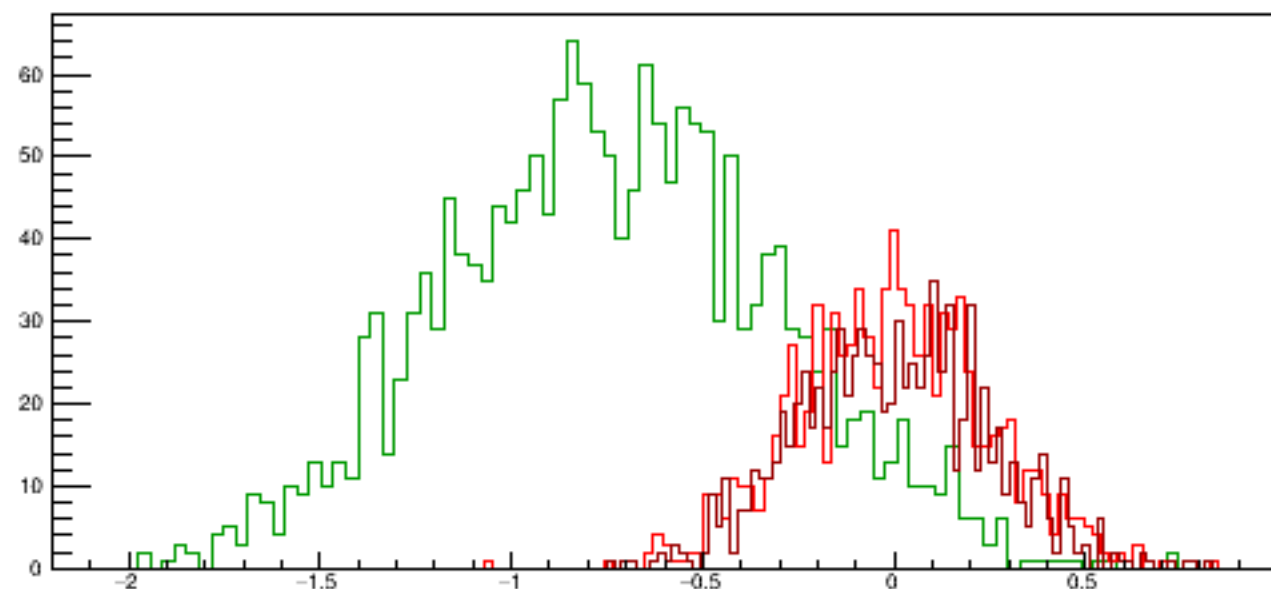
bcm:mpsCoda {mpsCoda>=518341 && mpsCoda<=535480}



Cycle 6, Diffs

Entries: 907	Entries: 1869	Entries: 904
Mean: -0.0079 +/- 0.0083	Mean: -0.7368 +/- 0.0100	Mean: -0.0035 +/- 0.0082
Std Dev: 0.2515 +/- 0.0059	Std Dev: 0.4334 +/- 0.0071	Std Dev: 0.2480 +/- 0.0058

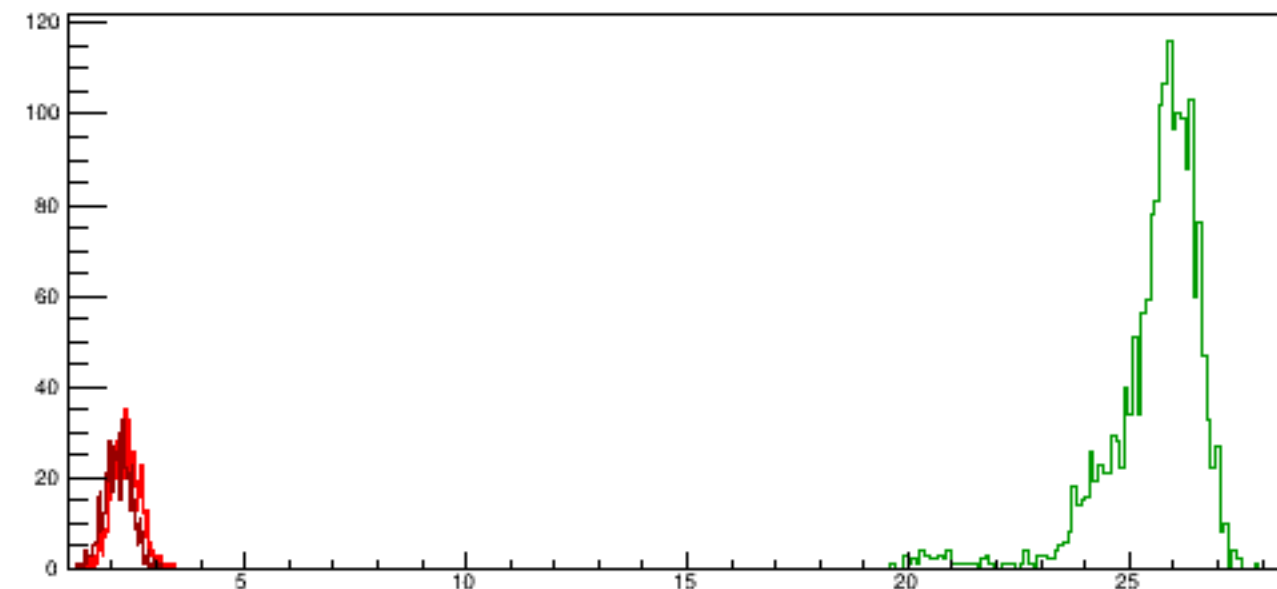
Run 5747 quartetwise, Diffs



Cycle 6, Sums

Entries: 907	Entries: 1869	Entries: 904
Mean: 2.3098 +/- 0.0104	Mean: 25.5800 +/- 0.0254	Mean: 2.1232 +/- 0.0102
Std Dev: 0.3121 +/- 0.0073	Std Dev: 1.0983 +/- 0.0180	Std Dev: 0.3057 +/- 0.0072

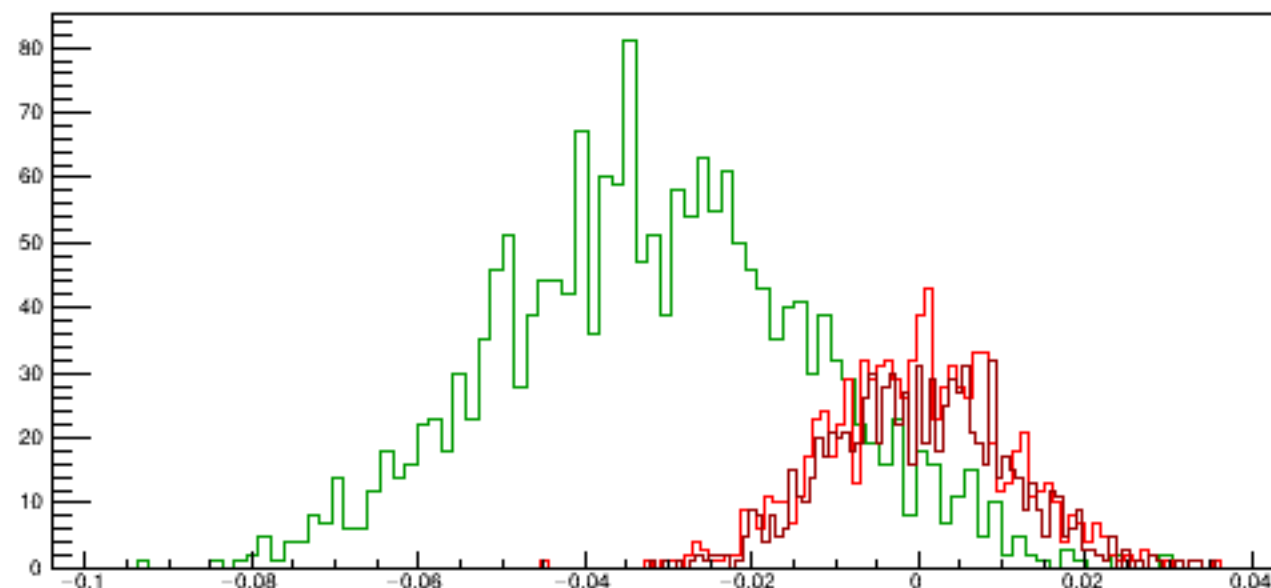
Run 5747 quartetwise, Sums



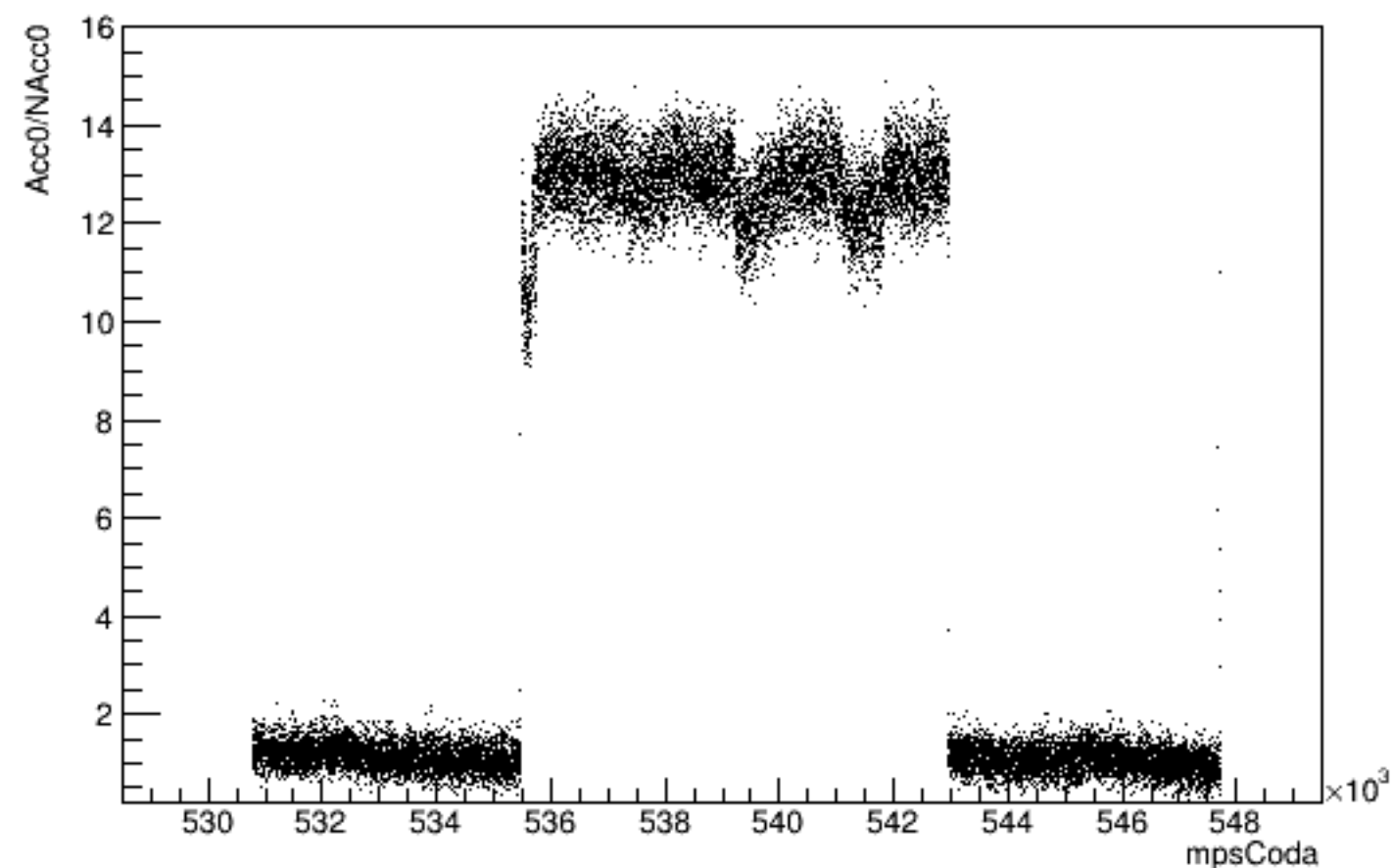
Cycle 6, Asyms

Entries: 907	Entries: 1869	Entries: 904
Mean: -0.0003 +/- 0.0004	Mean: -0.0316 +/- 0.0004	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0187 +/- 0.0003	Std Dev: 0.0106 +/- 0.0002

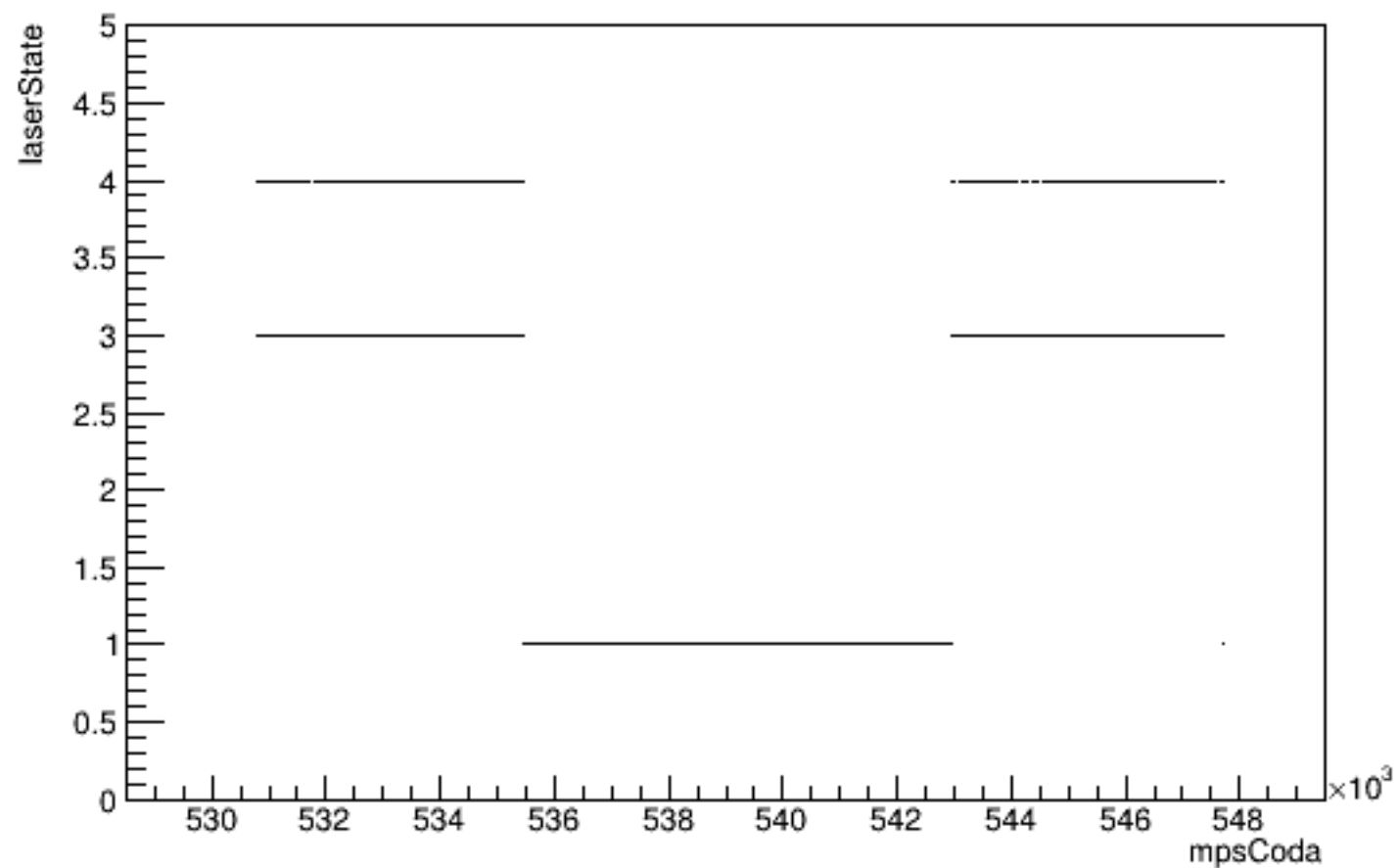
Run 5747 quartetwise, Asyms



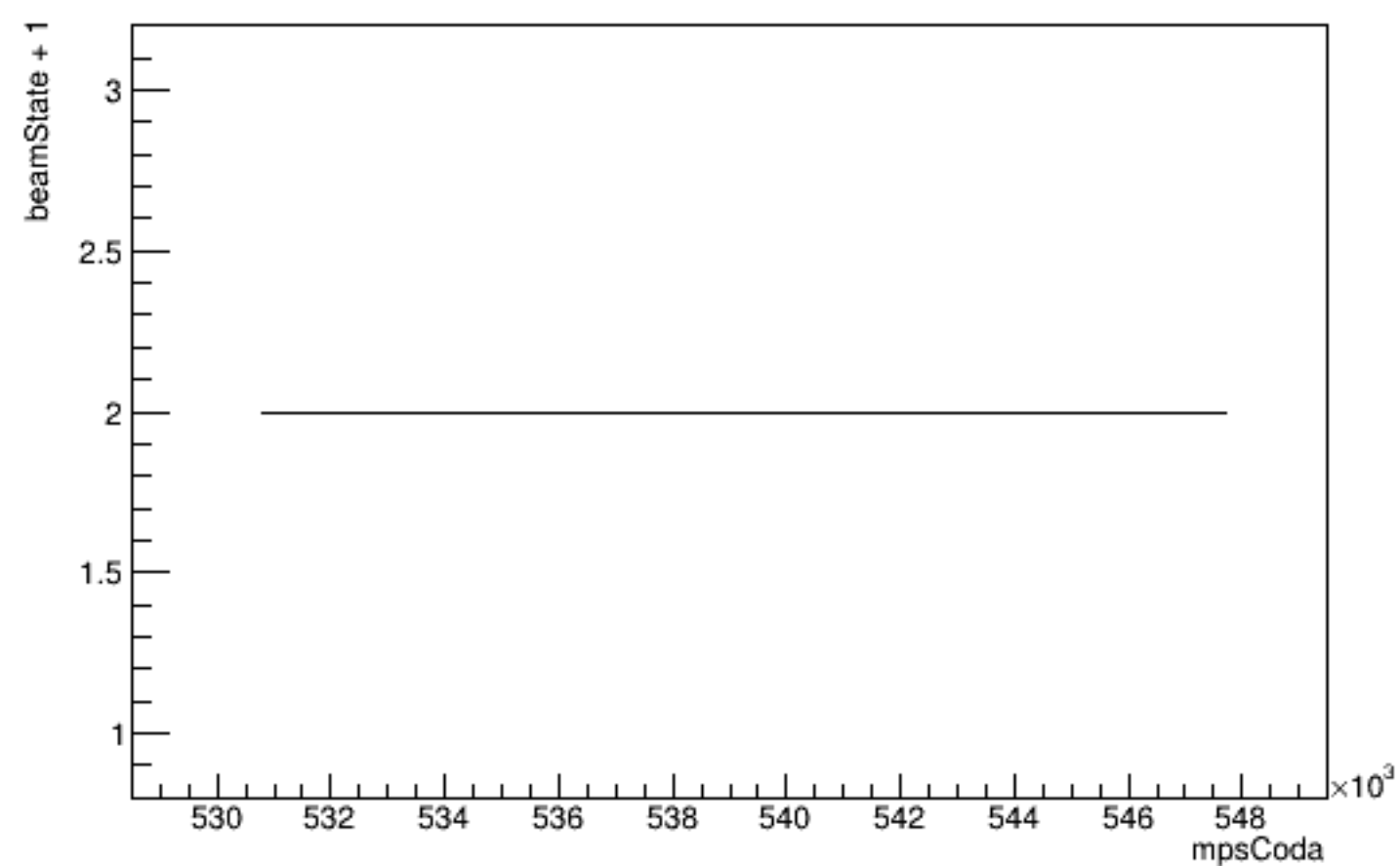
Acc0/NAcc0:mpsCoda (mpsCoda>=530785 && mpsCoda<=547716 && beamState==1)



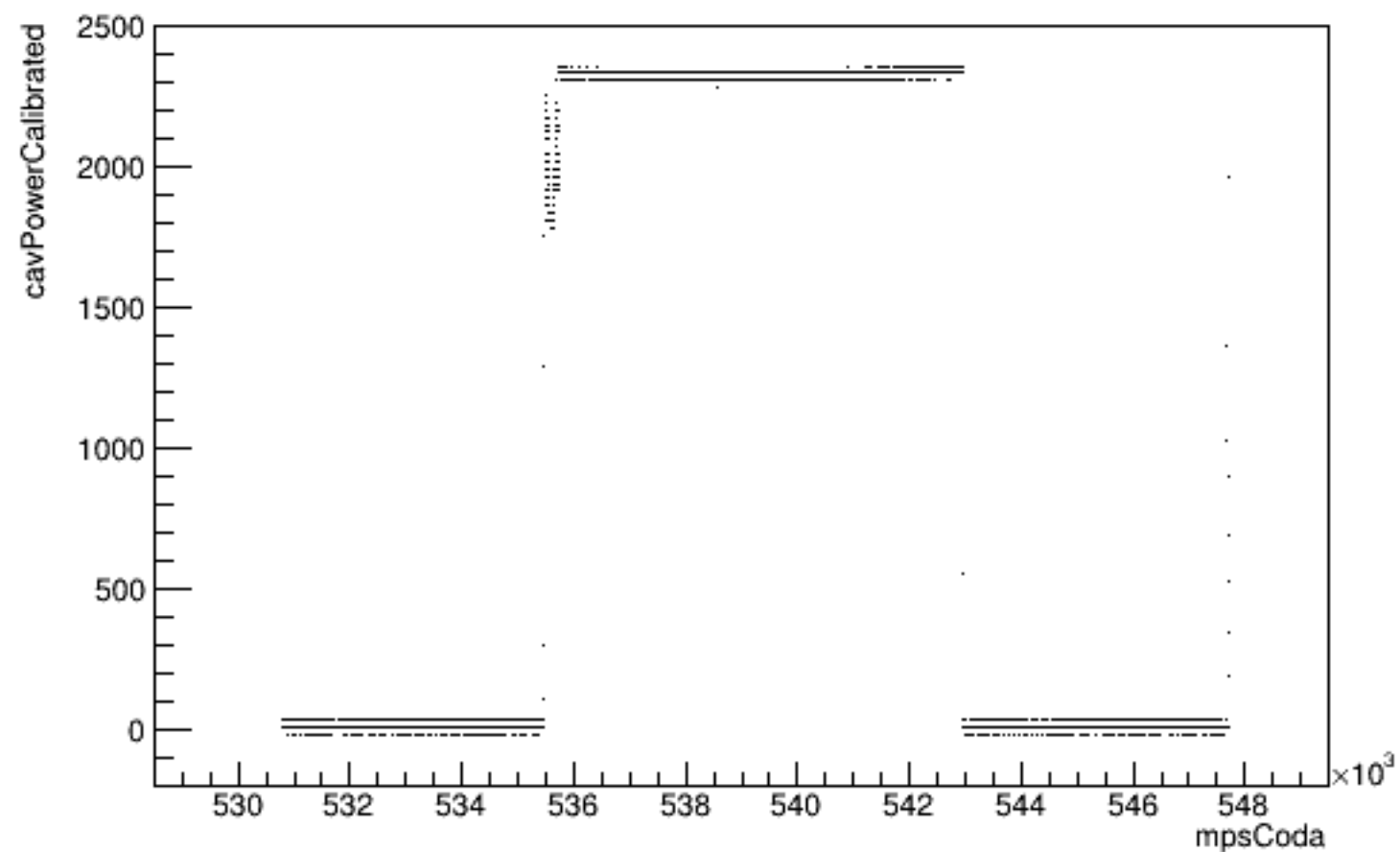
laserState:mpsCoda {mpsCoda>=530785 && mpsCoda<=547716}



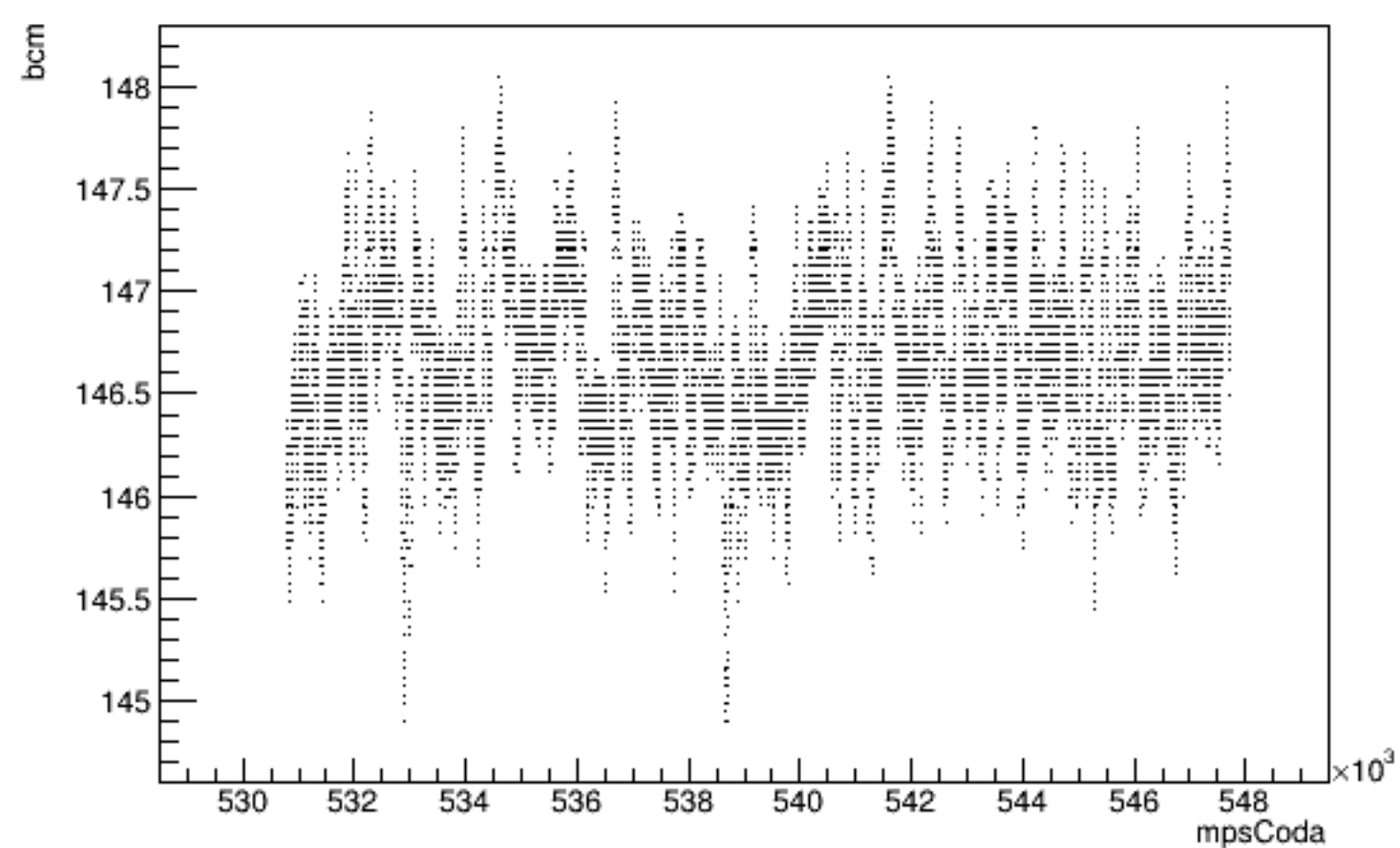
beamState + 1:mpsCoda {mpsCoda>=530785 && mpsCoda<=547716}



cavPowerCalibrated:mpsCoda {mpsCoda>=530785 && mpsCoda<=547716}



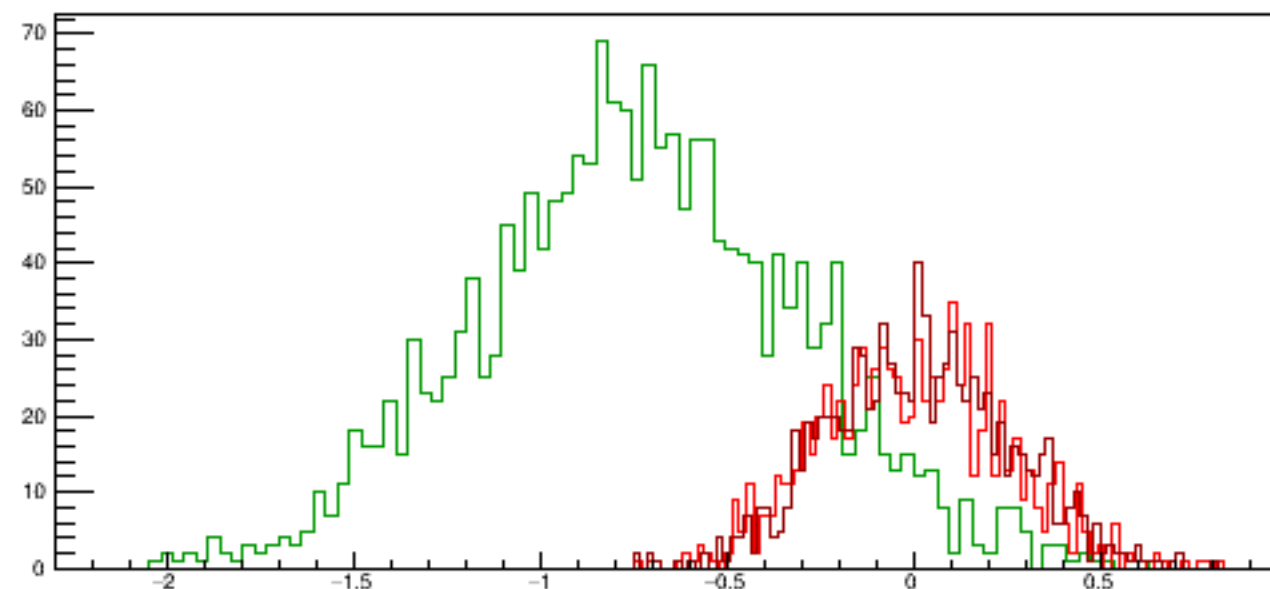
bcm:mpsCoda {mpsCoda>=530785 && mpsCoda<=547716}



Cycle 7, Diffs

Entries: 904	Entries: 1921	Entries: 942
Mean: -0.0035 +/- 0.0082	Mean: -0.7390 +/- 0.0098	Mean: 0.0111 +/- 0.0080
Std Dev: 0.2480 +/- 0.0058	Std Dev: 0.4287 +/- 0.0069	Std Dev: 0.2441 +/- 0.0056

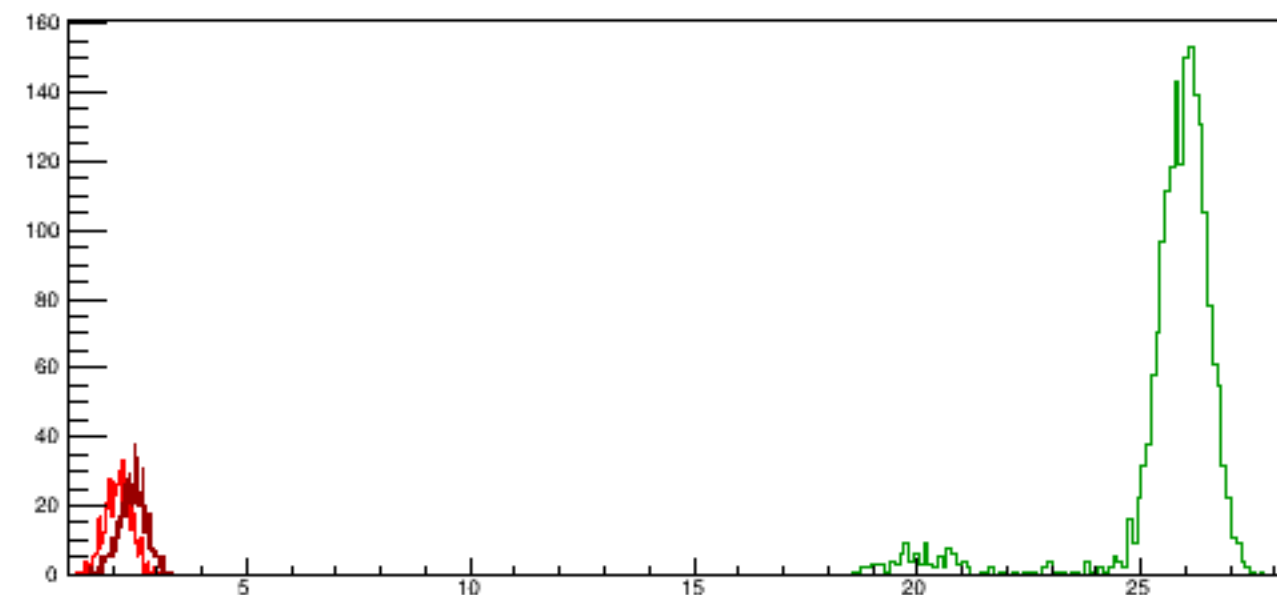
Run 5747 quartetwise, Diffs



Cycle 7, Sums

Entries: 904	Entries: 1921	Entries: 942
Mean: 2.1232 +/- 0.0102	Mean: 25.6409 +/- 0.0326	Mean: 2.4471 +/- 0.0095
Std Dev: 0.3057 +/- 0.0072	Std Dev: 1.4269 +/- 0.0230	Std Dev: 0.2929 +/- 0.0067

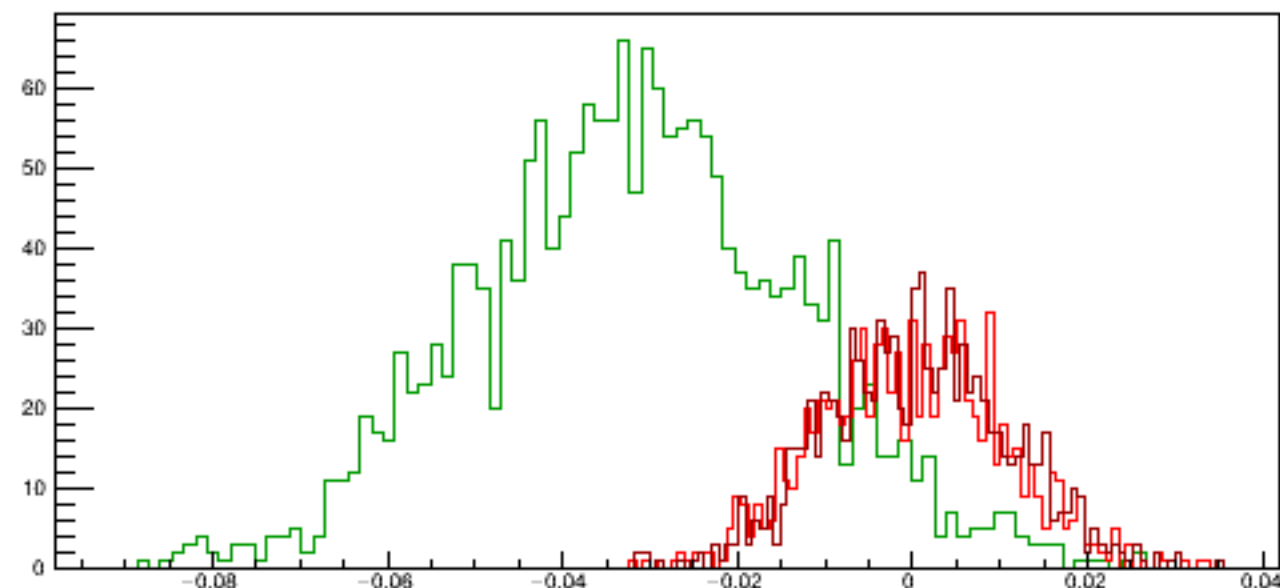
Run 5747 quartetwise, Sums



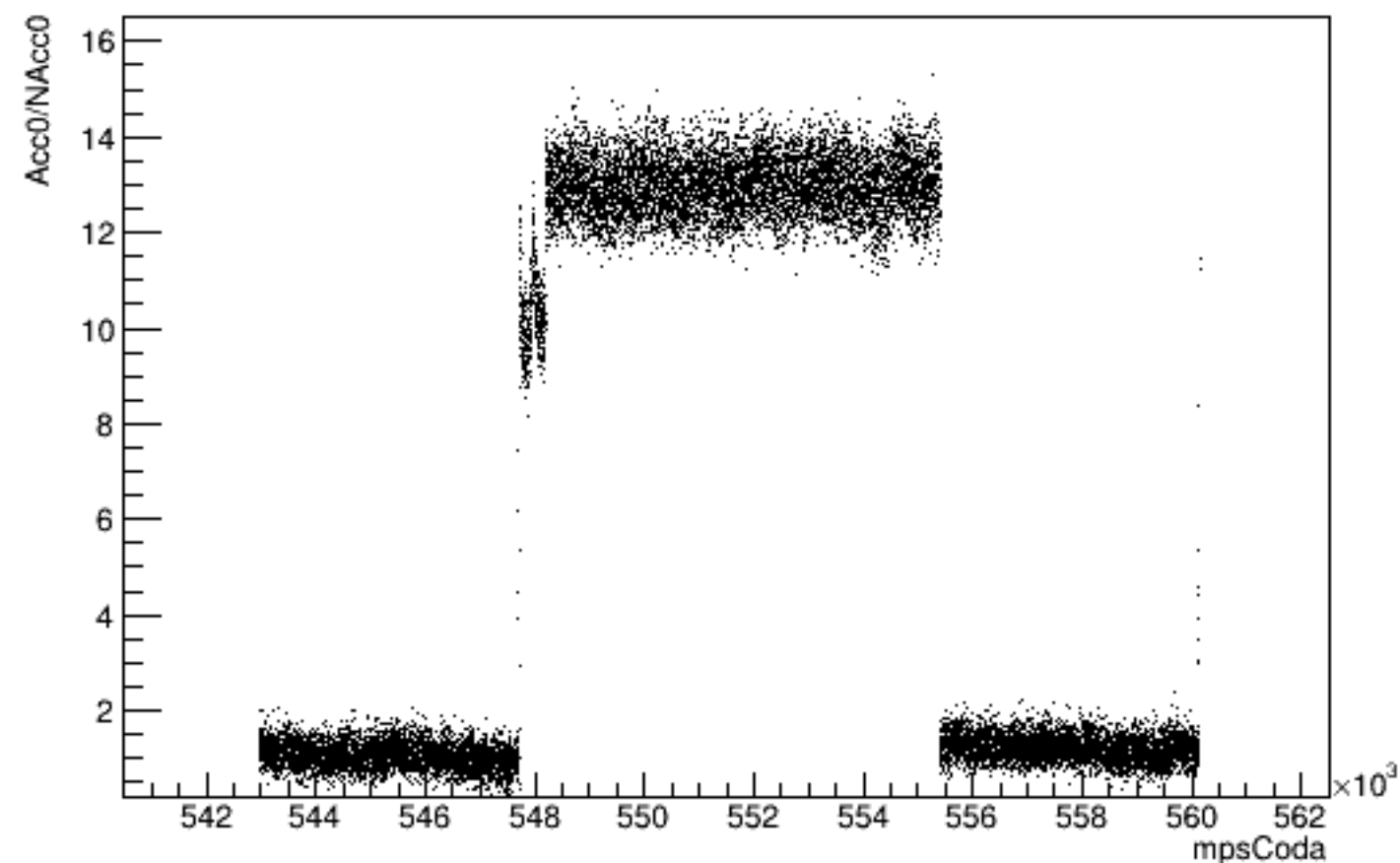
Cycle 7, Asyms

Entries: 904	Entries: 1921	Entries: 942
Mean: -0.0002 +/- 0.0004	Mean: -0.0316 +/- 0.0004	Mean: 0.0005 +/- 0.0003
Std Dev: 0.0106 +/- 0.0002	Std Dev: 0.0184 +/- 0.0003	Std Dev: 0.0105 +/- 0.0002

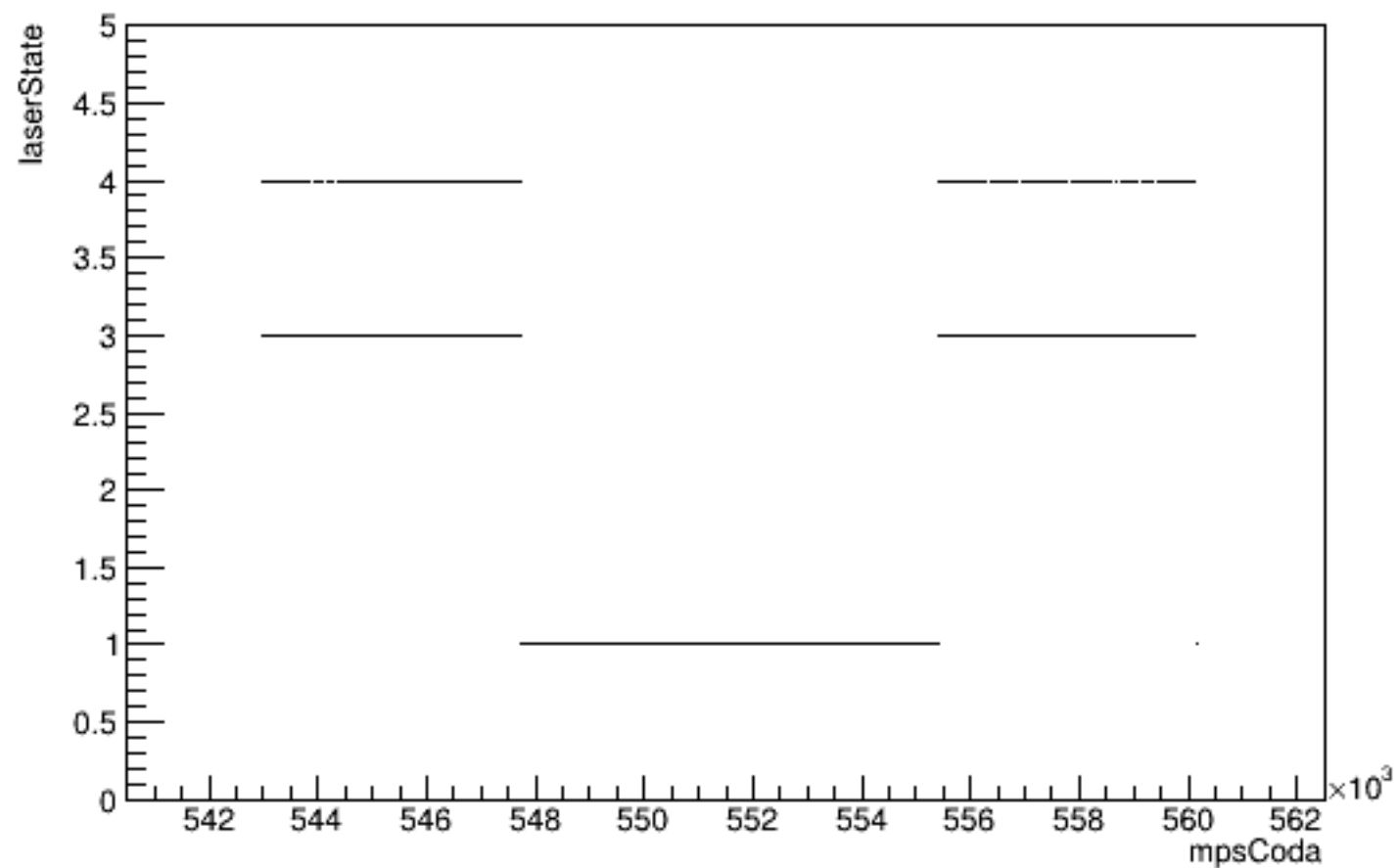
Run 5747 quartetwise, Asyms



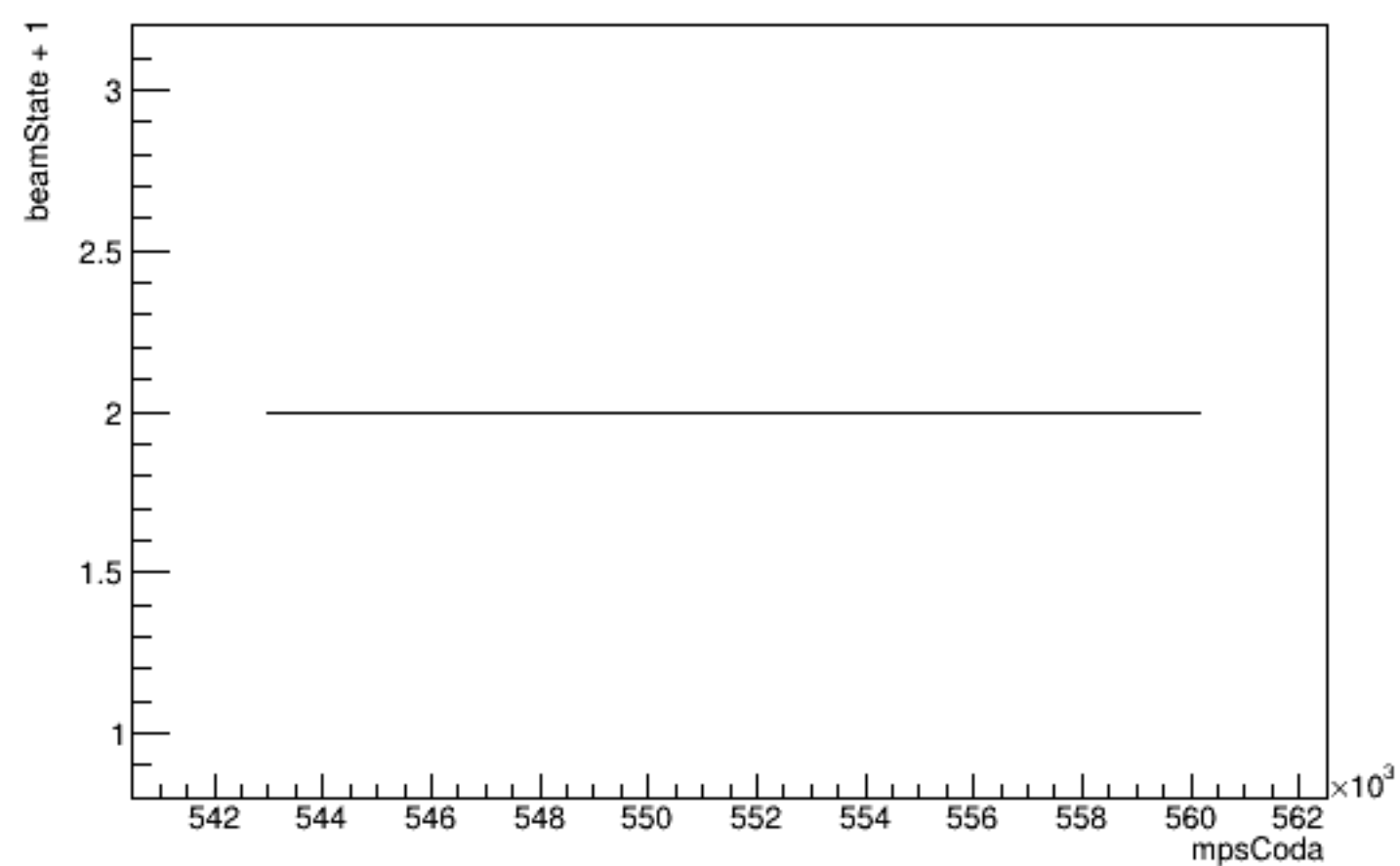
Acc0/NAcc0:mpsCoda (mpsCoda>=542961 && mpsCoda<=560144 && beamState==1)



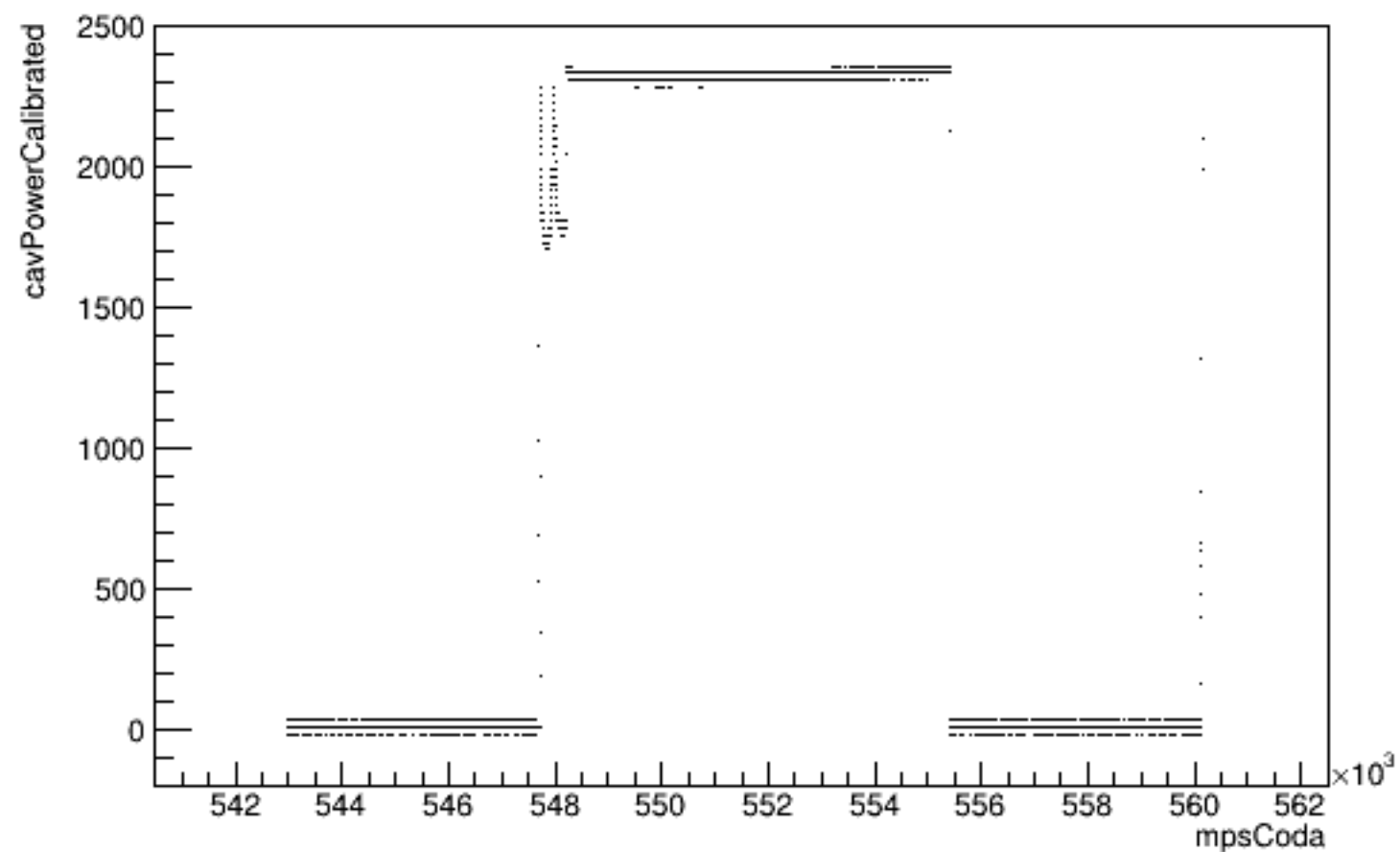
laserState:mpsCoda {mpsCoda>=542961 && mpsCoda<=560144}



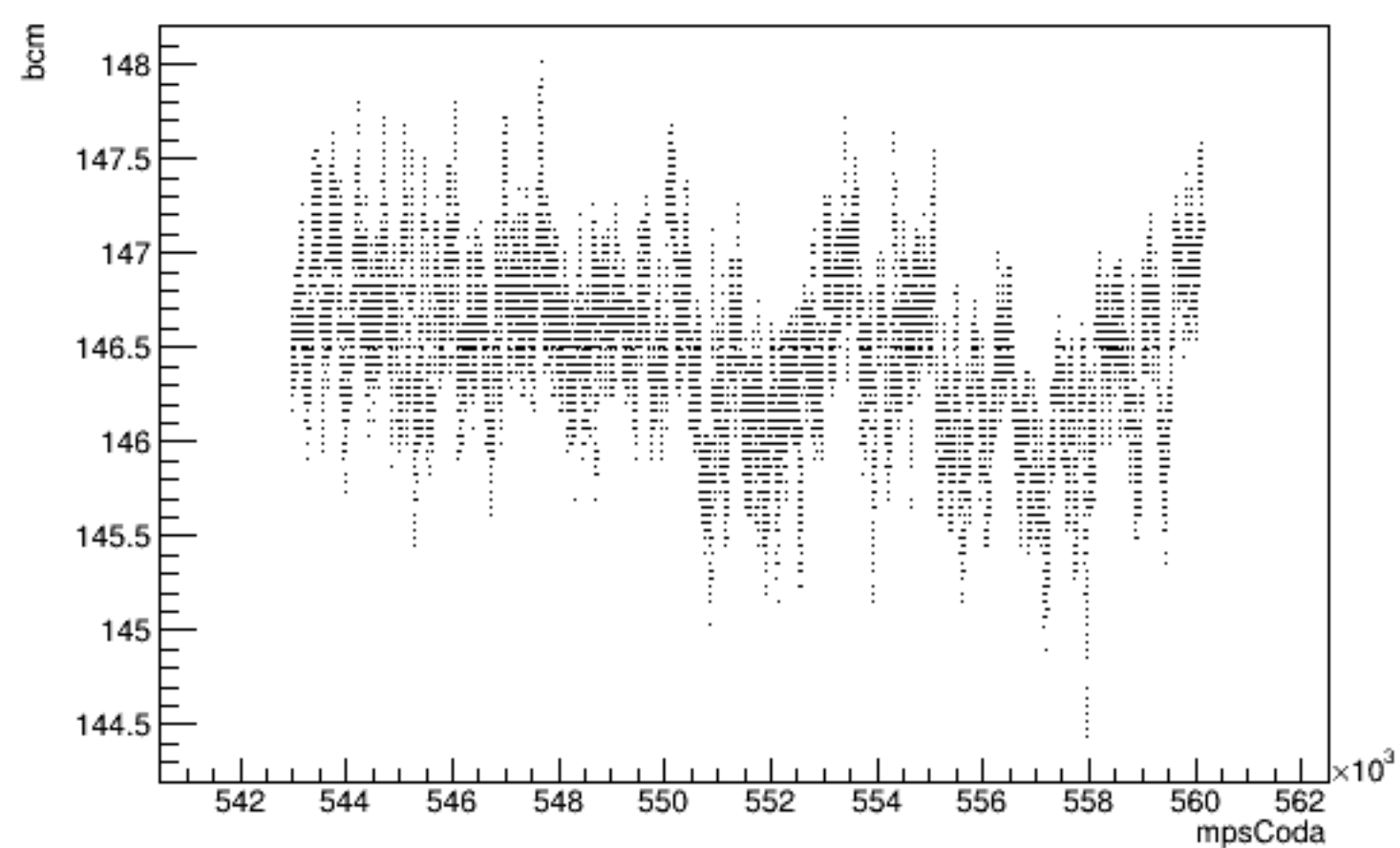
beamState + 1:mpsCoda {mpsCoda>=542961 && mpsCoda<=560144}



cavPowerCalibrated:mpsCoda {mpsCoda>=542961 && mpsCoda<=560144}



bcm:mpsCoda {mpsCoda>=542961 && mpsCoda<=560144}



Cycle 8, Diffs

Entries: 942

Mean: 0.0111 +/- 0.0080

Std Dev: 0.2441 +/- 0.0056

Entries: 1925

Mean: -0.7220 +/- 0.0099

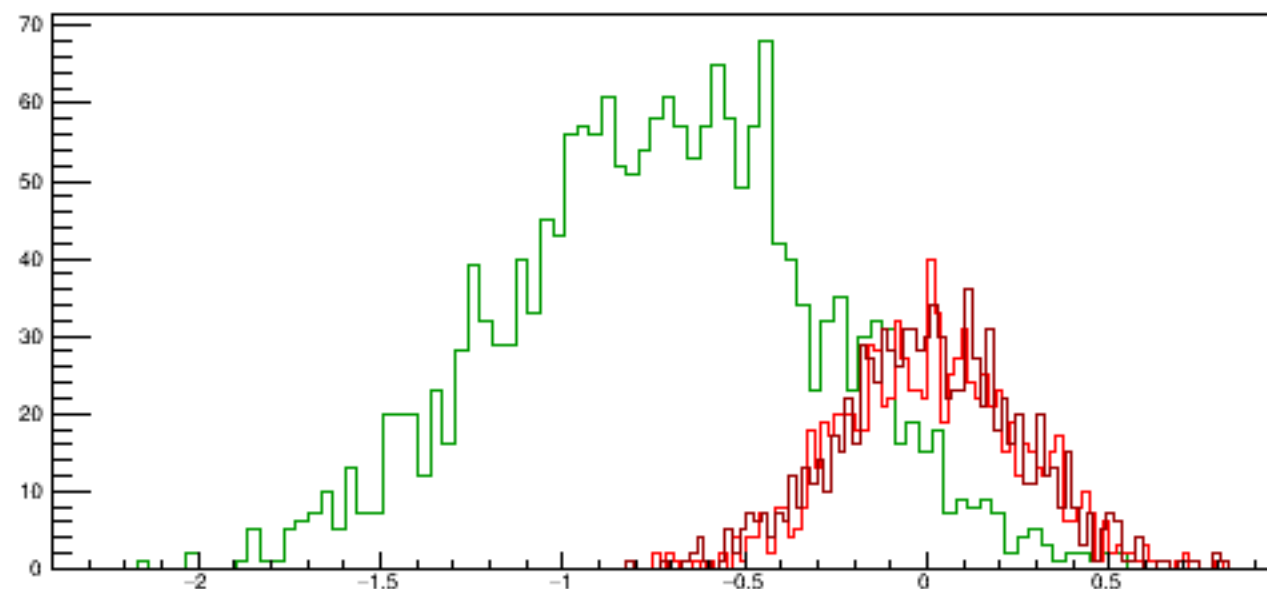
Std Dev: 0.4332 +/- 0.0070

Entries: 947

Mean: 0.0054 +/- 0.0082

Std Dev: 0.2510 +/- 0.0058

Run 5747 quartetwise, Diffs



Cycle 8, Sums

Entries: 942

Mean: 2.4471 +/- 0.0095

Std Dev: 0.2929 +/- 0.0067

Entries: 1925

Mean: 25.7110 +/- 0.0330

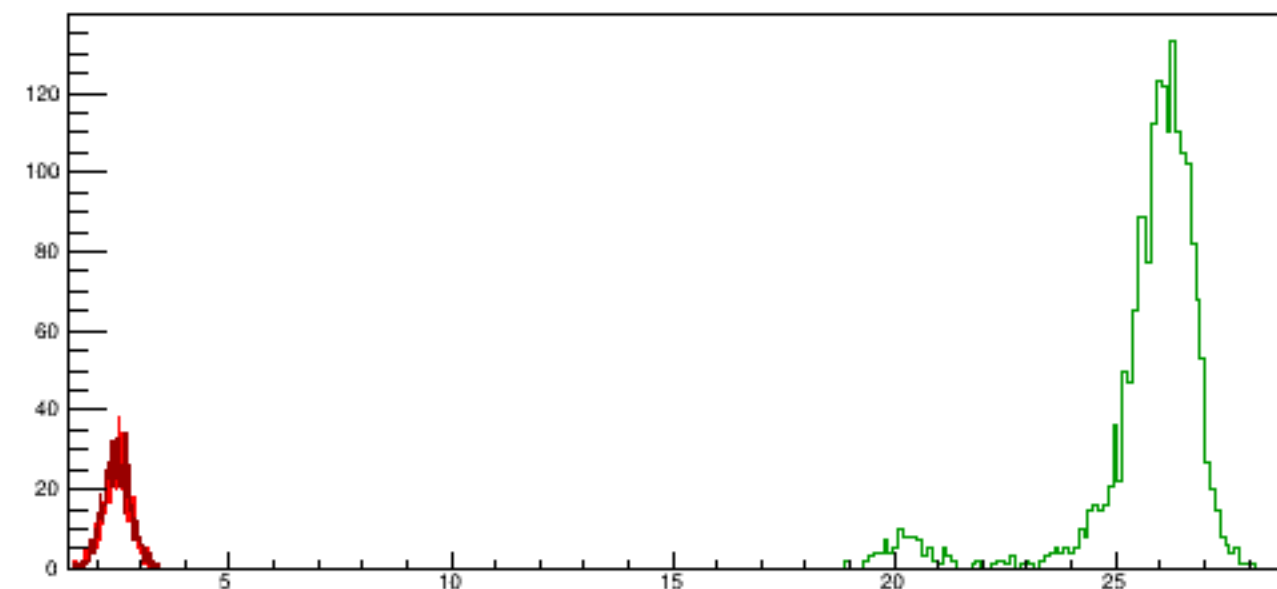
Std Dev: 1.4475 +/- 0.0233

Entries: 947

Mean: 2.4537 +/- 0.0099

Std Dev: 0.3049 +/- 0.0070

Run 5747 quartetwise, Sums



Cycle 8, Asyms

Entries: 942

Mean: 0.0005 +/- 0.0003

Std Dev: 0.0105 +/- 0.0002

Entries: 1925

Mean: -0.0311 +/- 0.0004

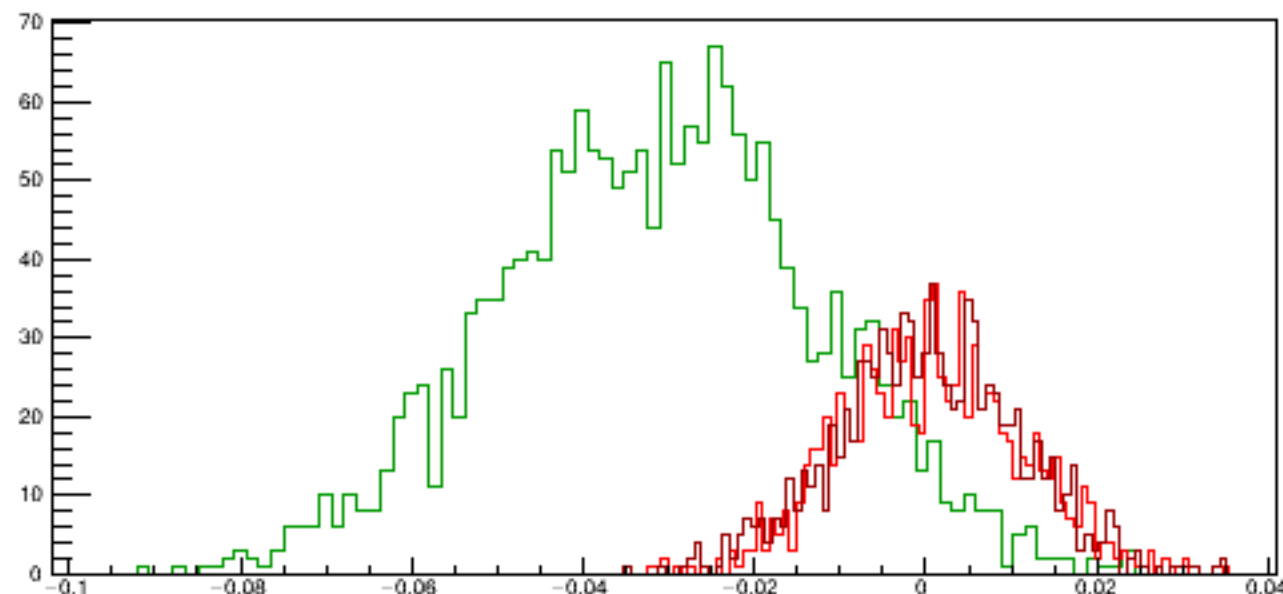
Std Dev: 0.0186 +/- 0.0003

Entries: 947

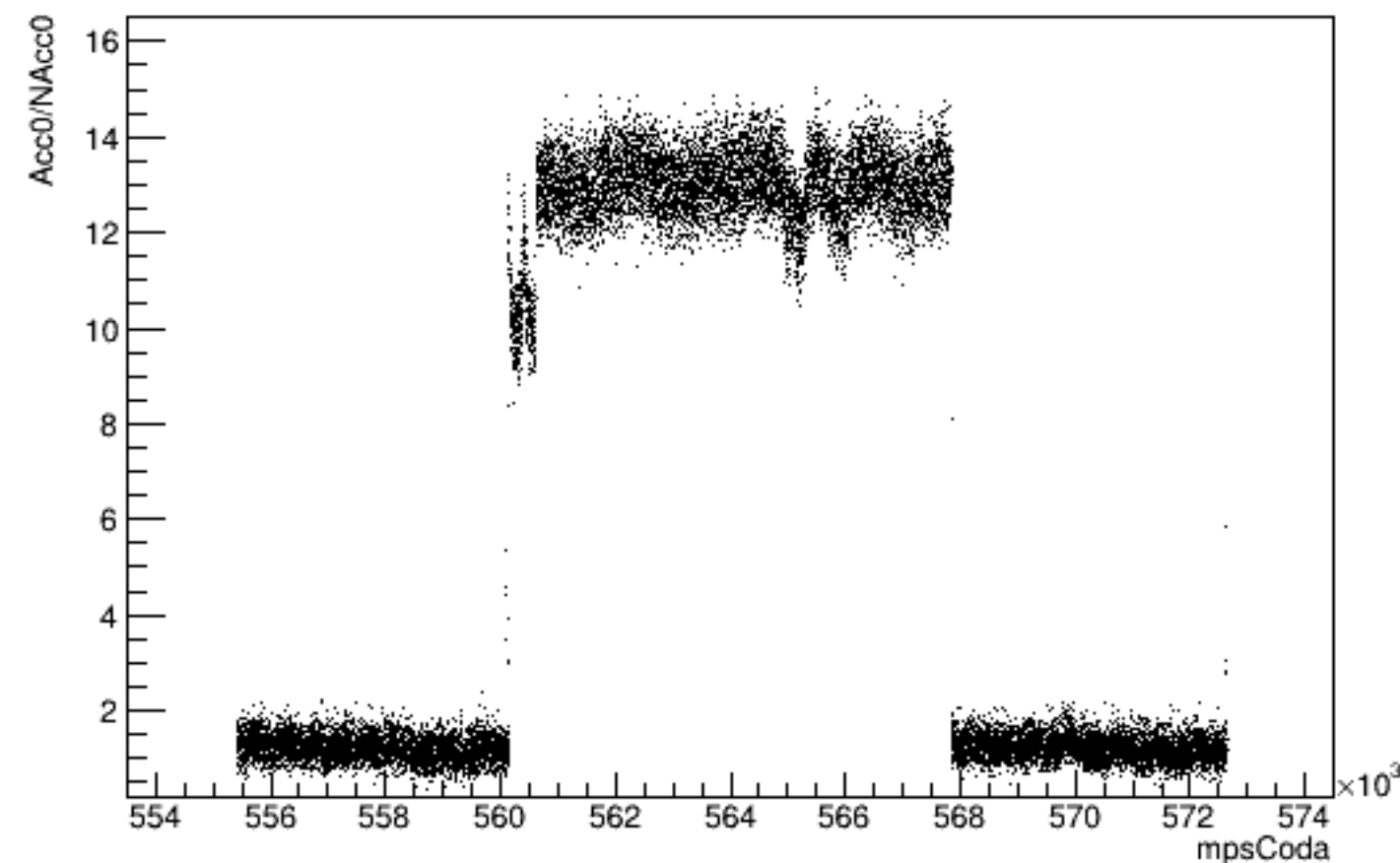
Mean: 0.0002 +/- 0.0004

Std Dev: 0.0108 +/- 0.0002

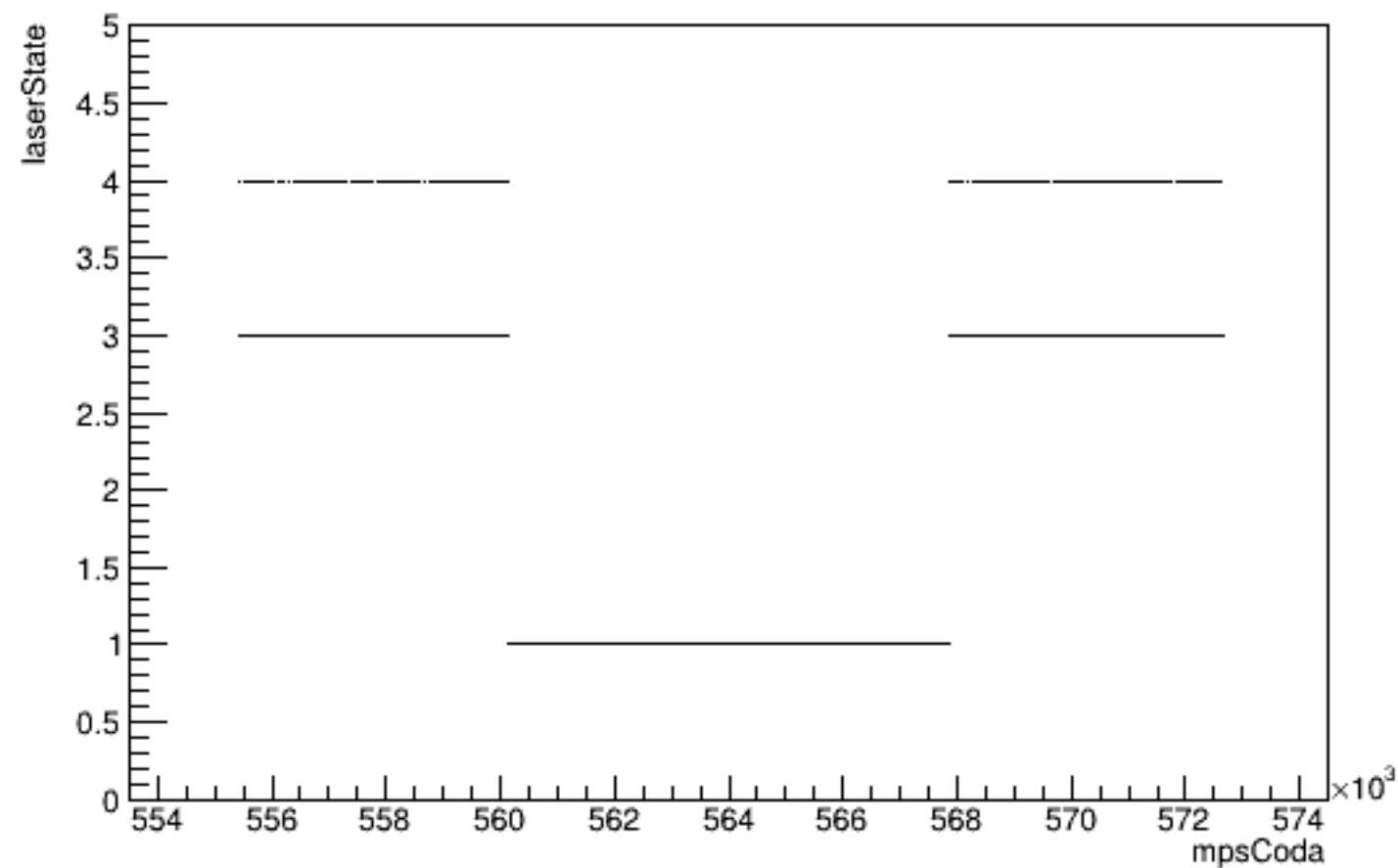
Run 5747 quartetwise, Asyms



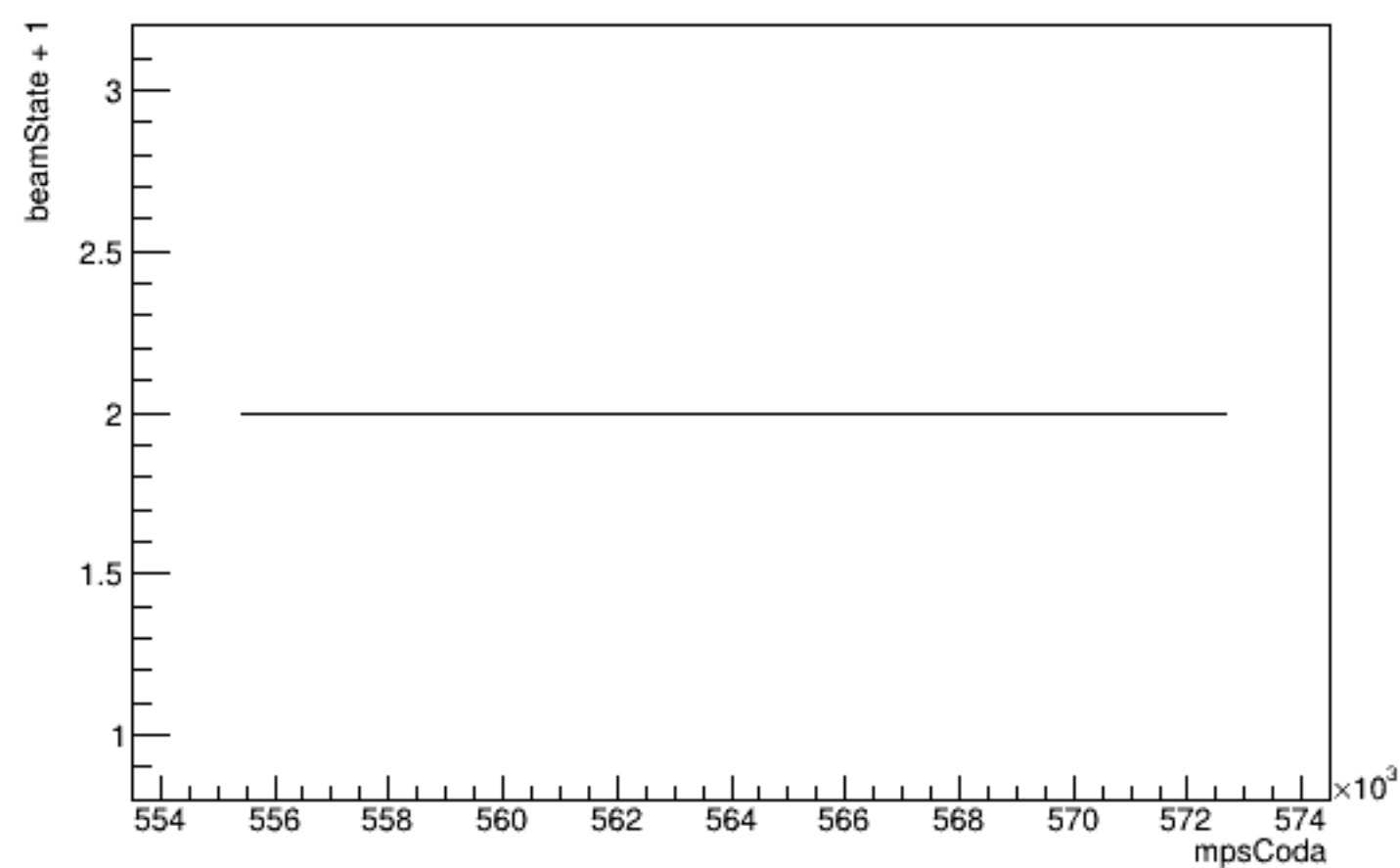
Acc0/NAcc0:mpsCoda (mpsCoda>=555405 && mpsCoda<=572644 && beamState==1)



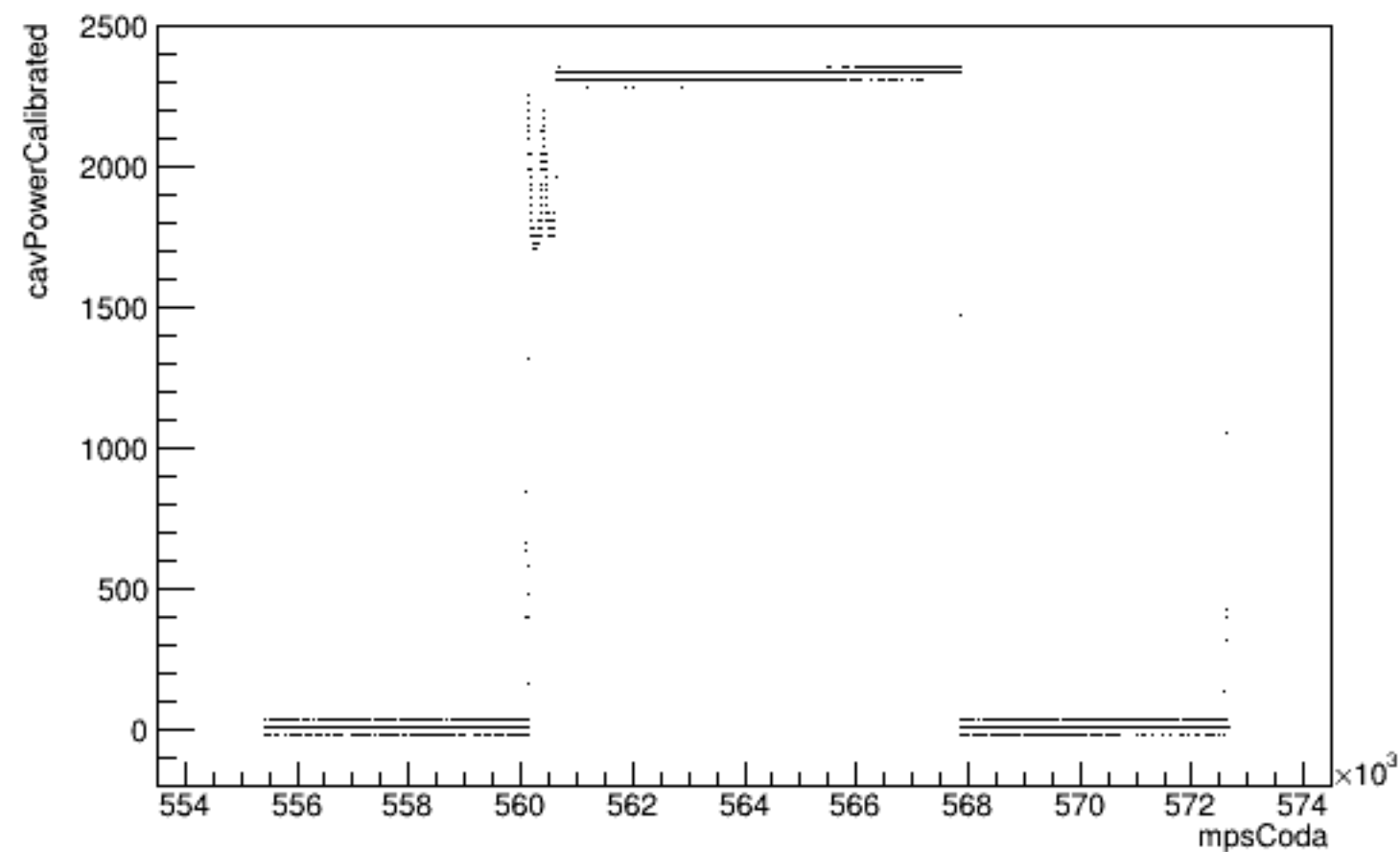
laserState:mpsCoda {mpsCoda>=555405 && mpsCoda<=572644}



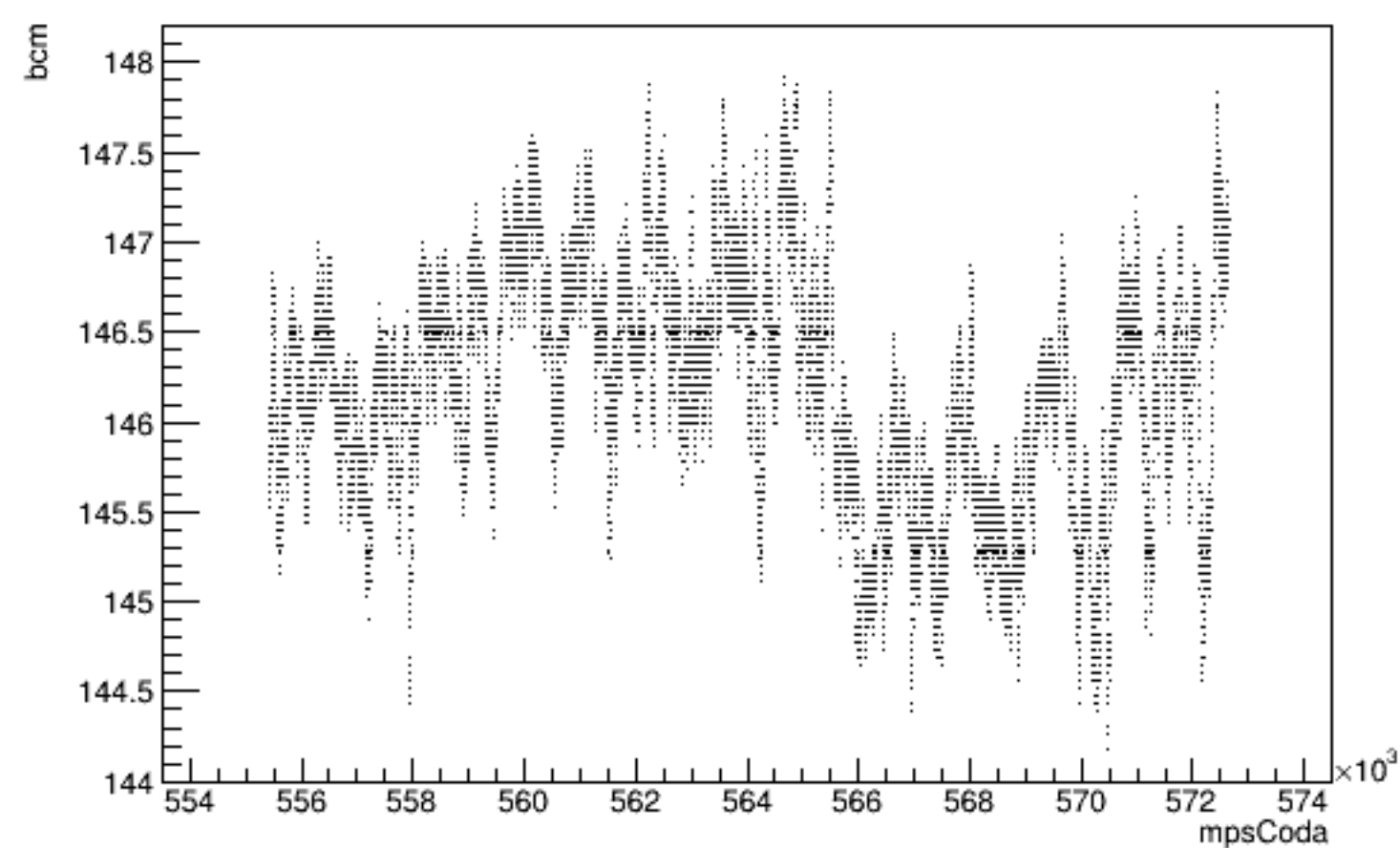
beamState + 1:mpsCoda {mpsCoda>=555405 && mpsCoda<=572644}



cavPowerCalibrated:mpsCoda {mpsCoda>=555405 && mpsCoda<=572644}



bcm:mpsCoda {mpsCoda>=555405 && mpsCoda<=572644}



Cycle 9, Diffs

Entries: 947

Mean: 0.0054 +/- 0.0082

Std Dev: 0.2510 +/- 0.0058

Entries: 1889

Mean: -0.7397 +/- 0.0101

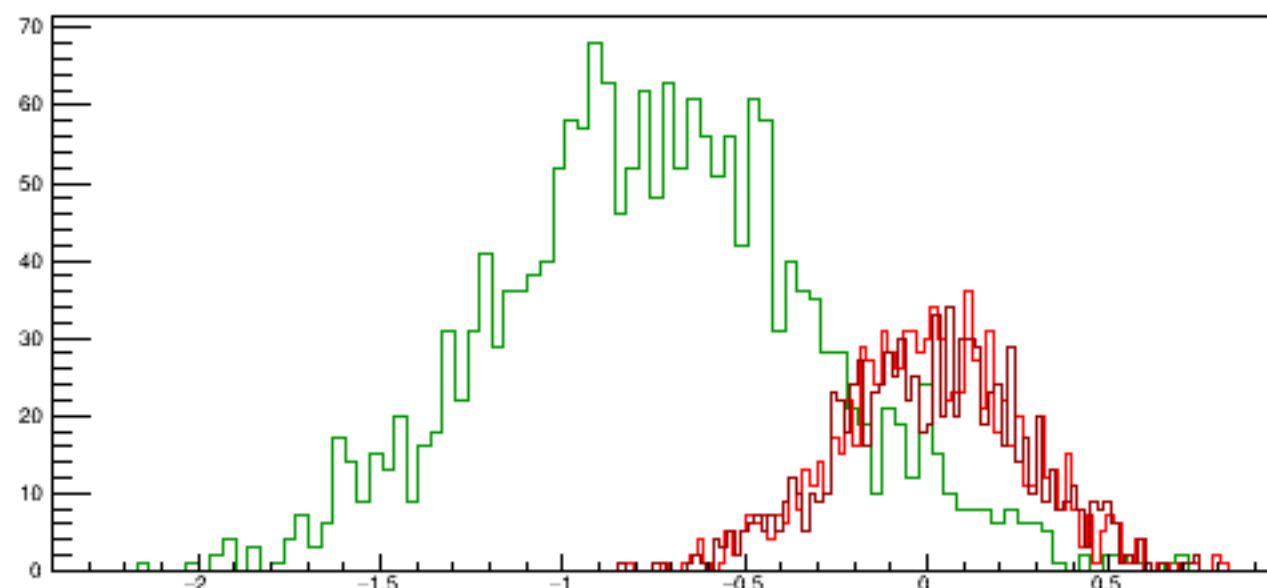
Std Dev: 0.4398 +/- 0.0072

Entries: 940

Mean: 0.0103 +/- 0.0084

Std Dev: 0.2569 +/- 0.0059

Run 5747 quartetwise, Diffs



Cycle 9, Sums

Entries: 947

Mean: 2.4537 +/- 0.0099

Std Dev: 0.3049 +/- 0.0070

Entries: 1889

Mean: 25.5625 +/- 0.0339

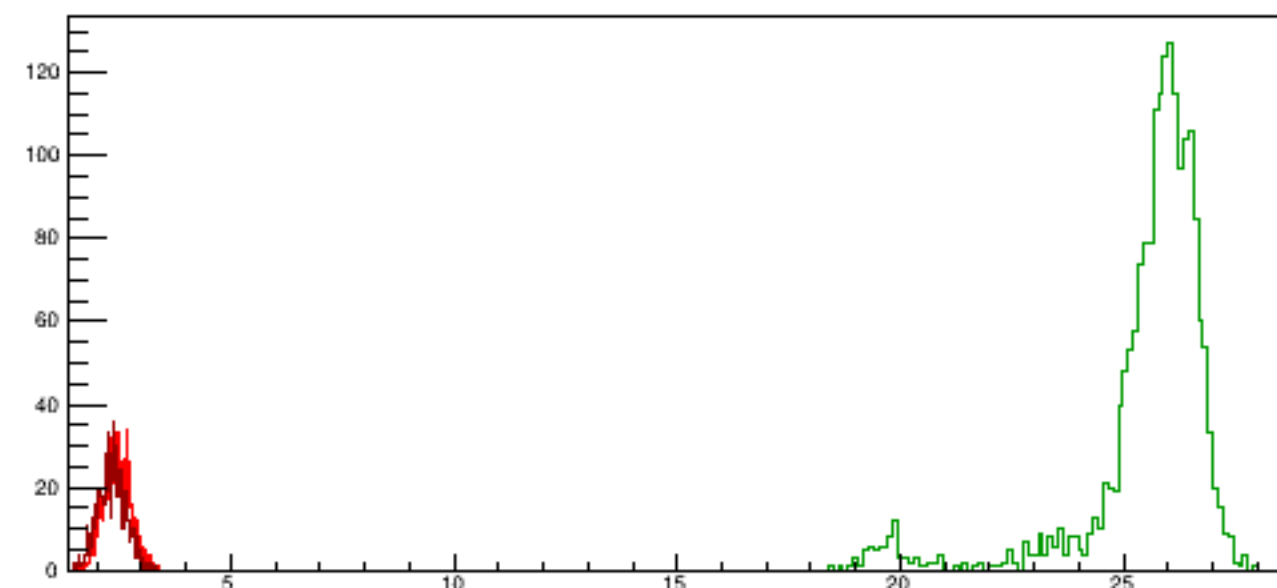
Std Dev: 1.4720 +/- 0.0239

Entries: 940

Mean: 2.3297 +/- 0.0100

Std Dev: 0.3070 +/- 0.0071

Run 5747 quartetwise, Sums



Cycle 9, Asyms

Entries: 947

Mean: 0.0002 +/- 0.0004

Std Dev: 0.0108 +/- 0.0002

Entries: 1889

Mean: -0.0319 +/- 0.0004

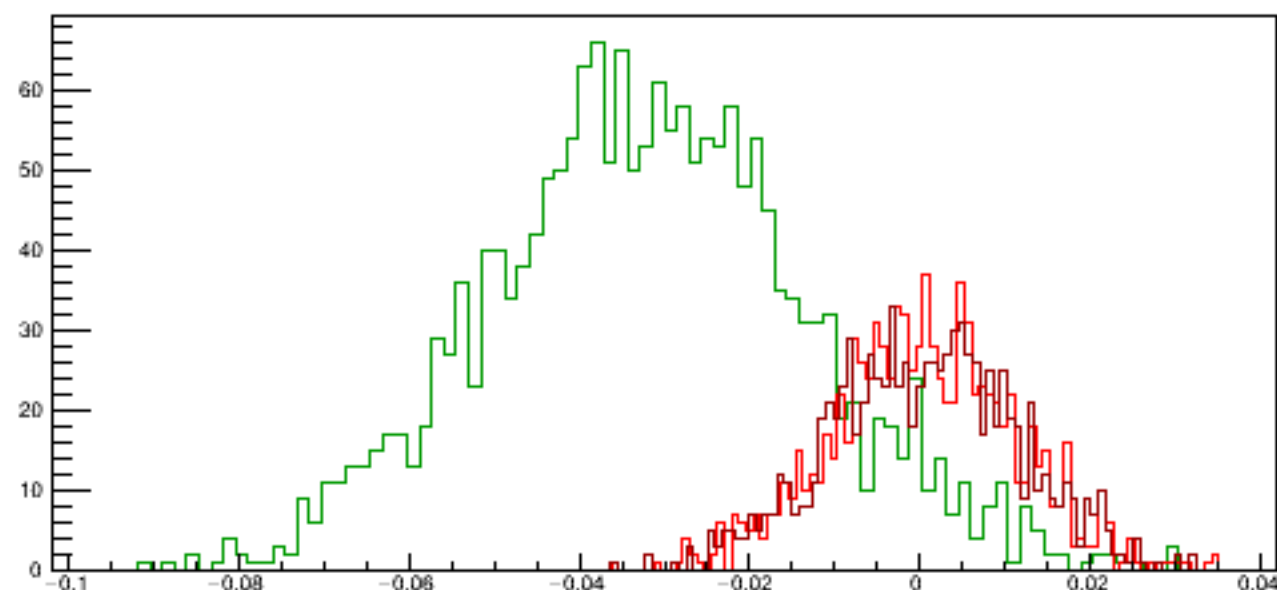
Std Dev: 0.0189 +/- 0.0003

Entries: 940

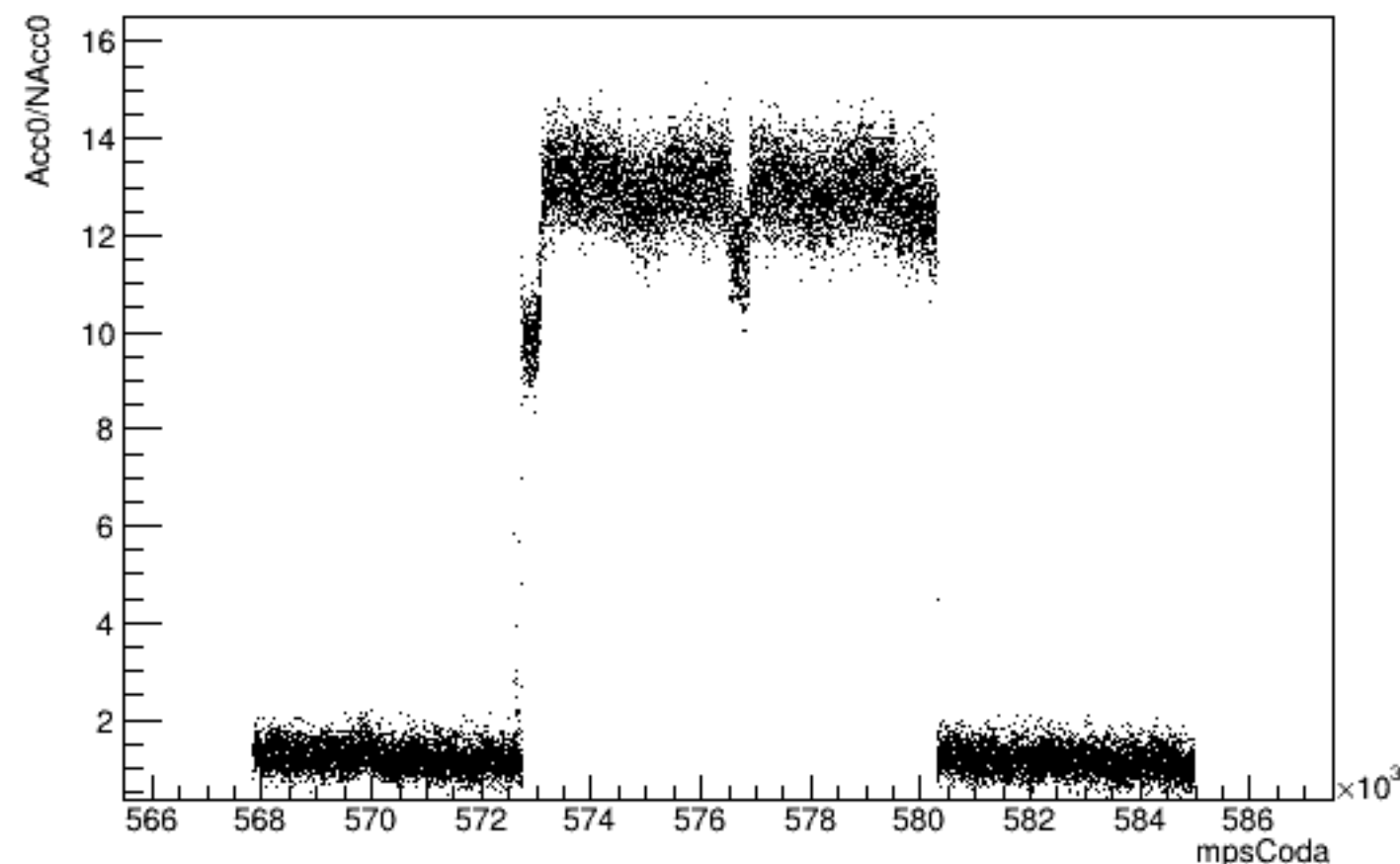
Mean: 0.0004 +/- 0.0004

Std Dev: 0.0111 +/- 0.0003

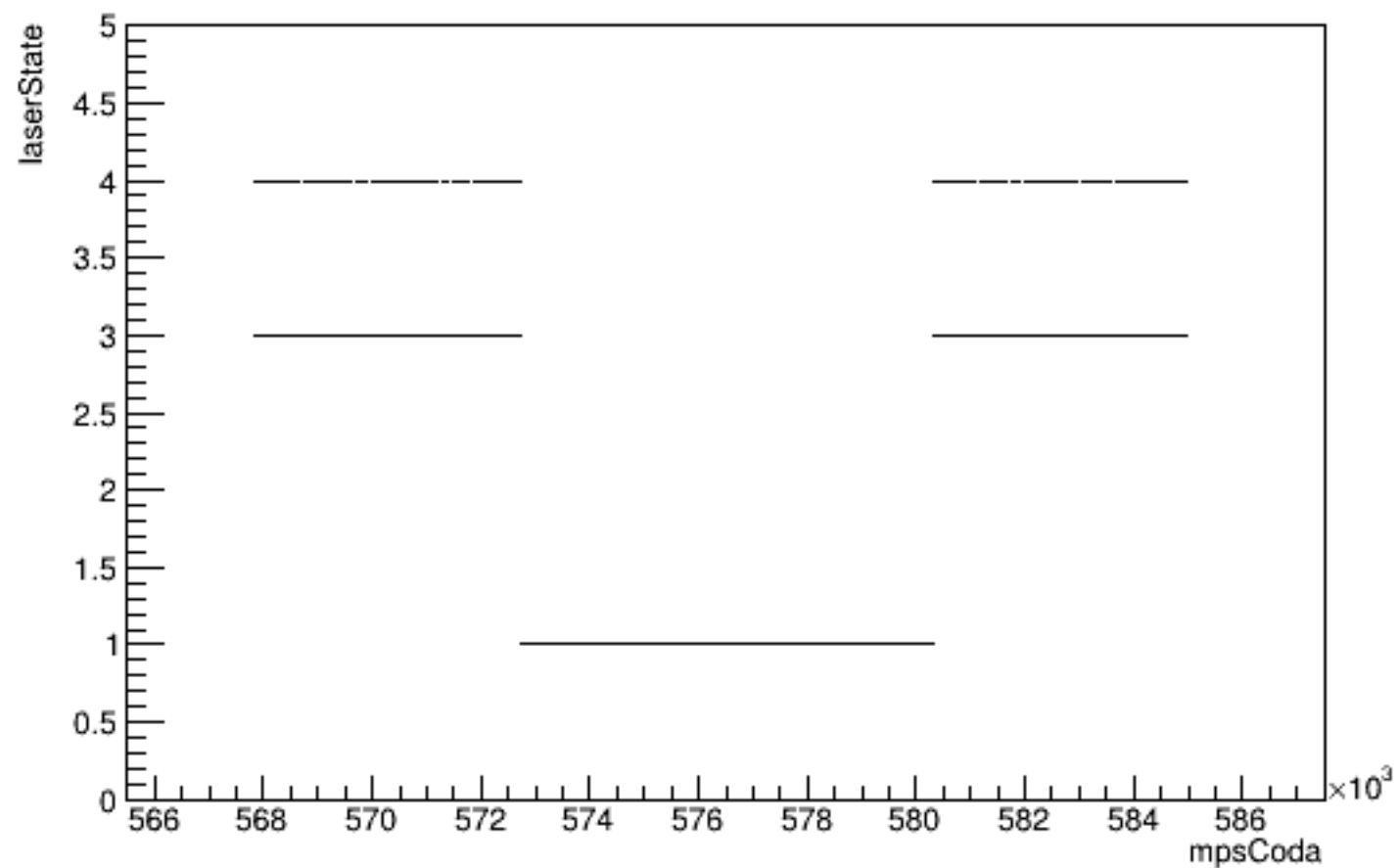
Run 5747 quartetwise, Asyms



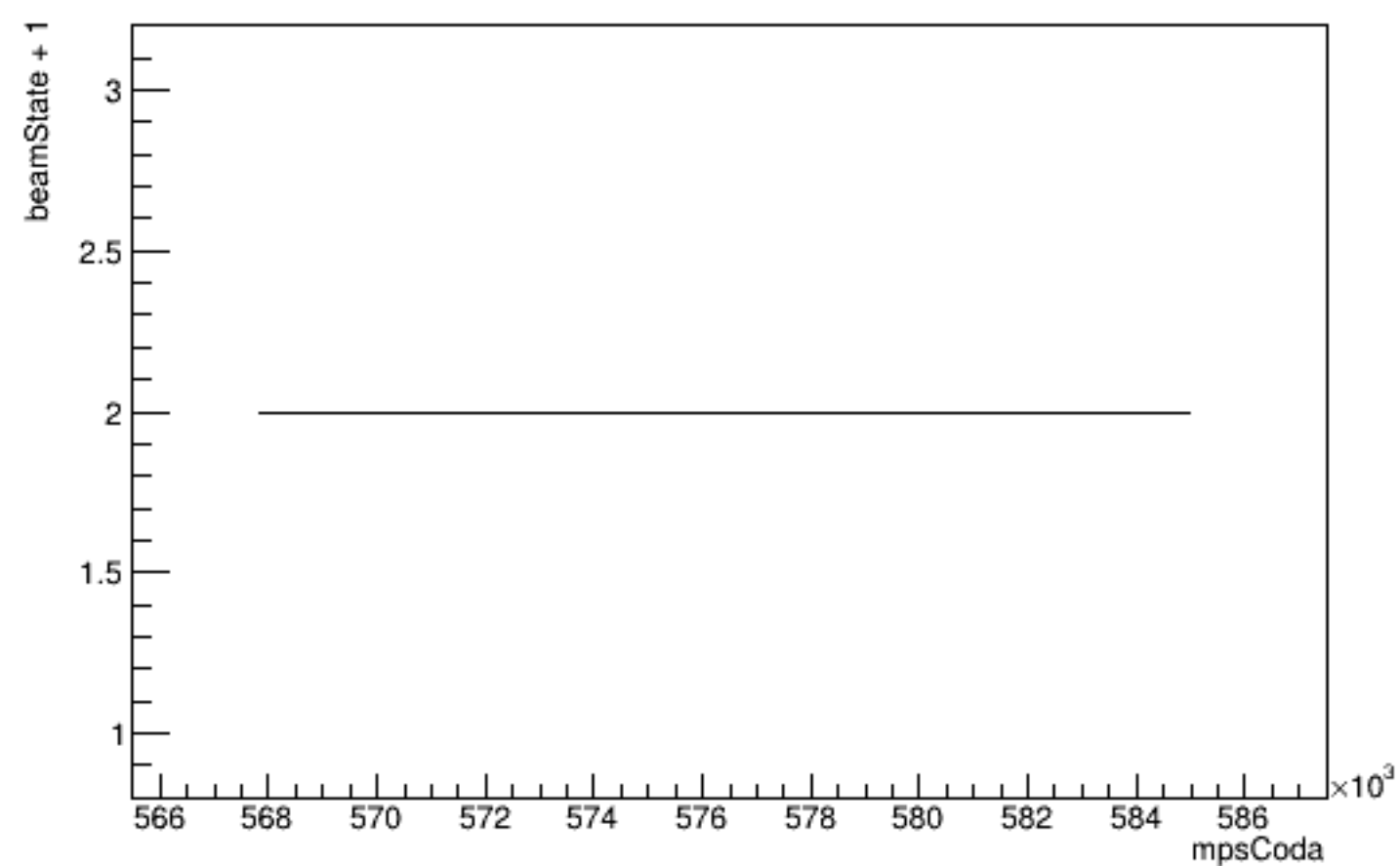
Acc0/NAcc0:mpsCoda (mpsCoda>=567849 && mpsCoda<=584984 && beamState==1)



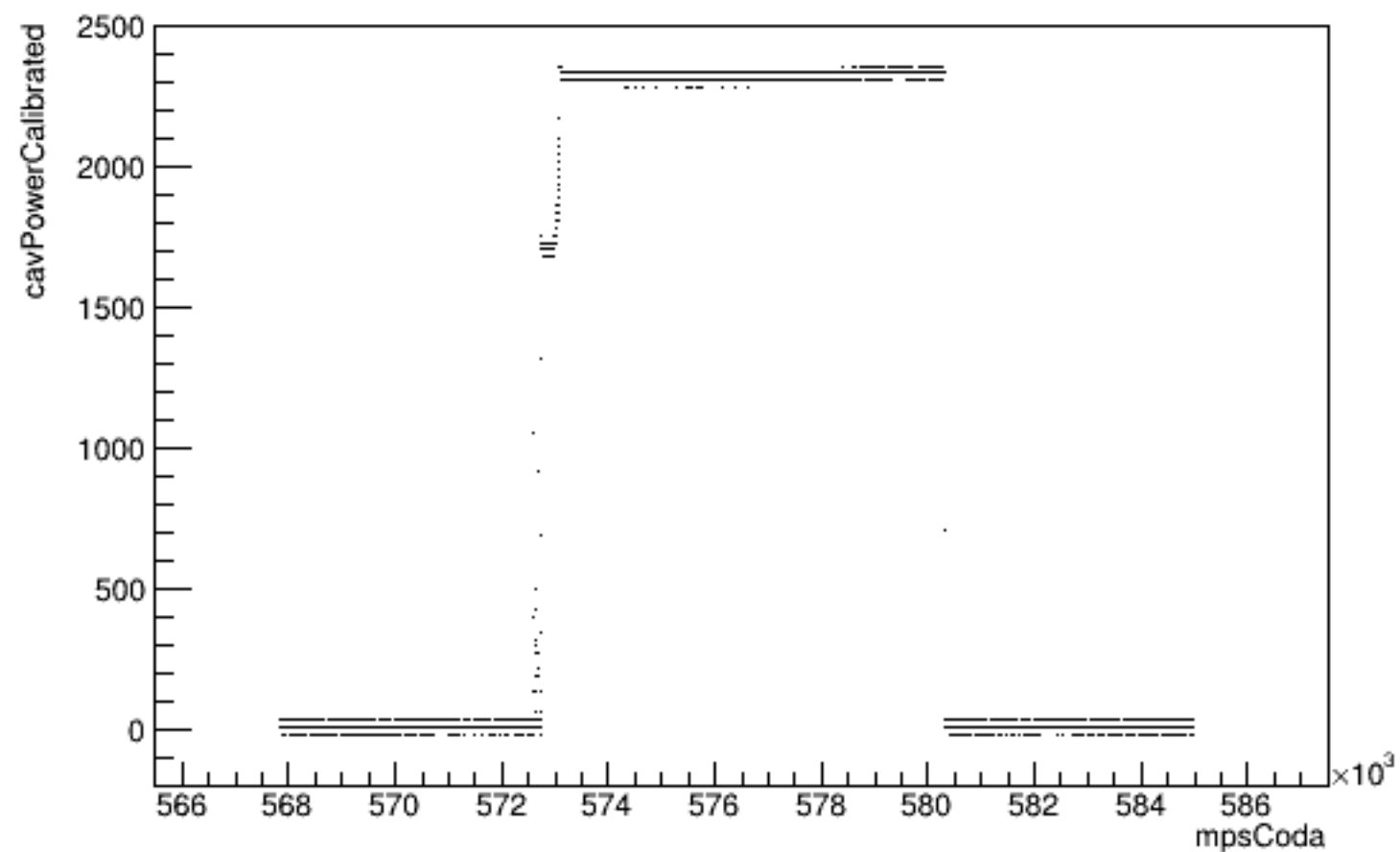
laserState:mpsCoda {mpsCoda>=567849 && mpsCoda<=584984}



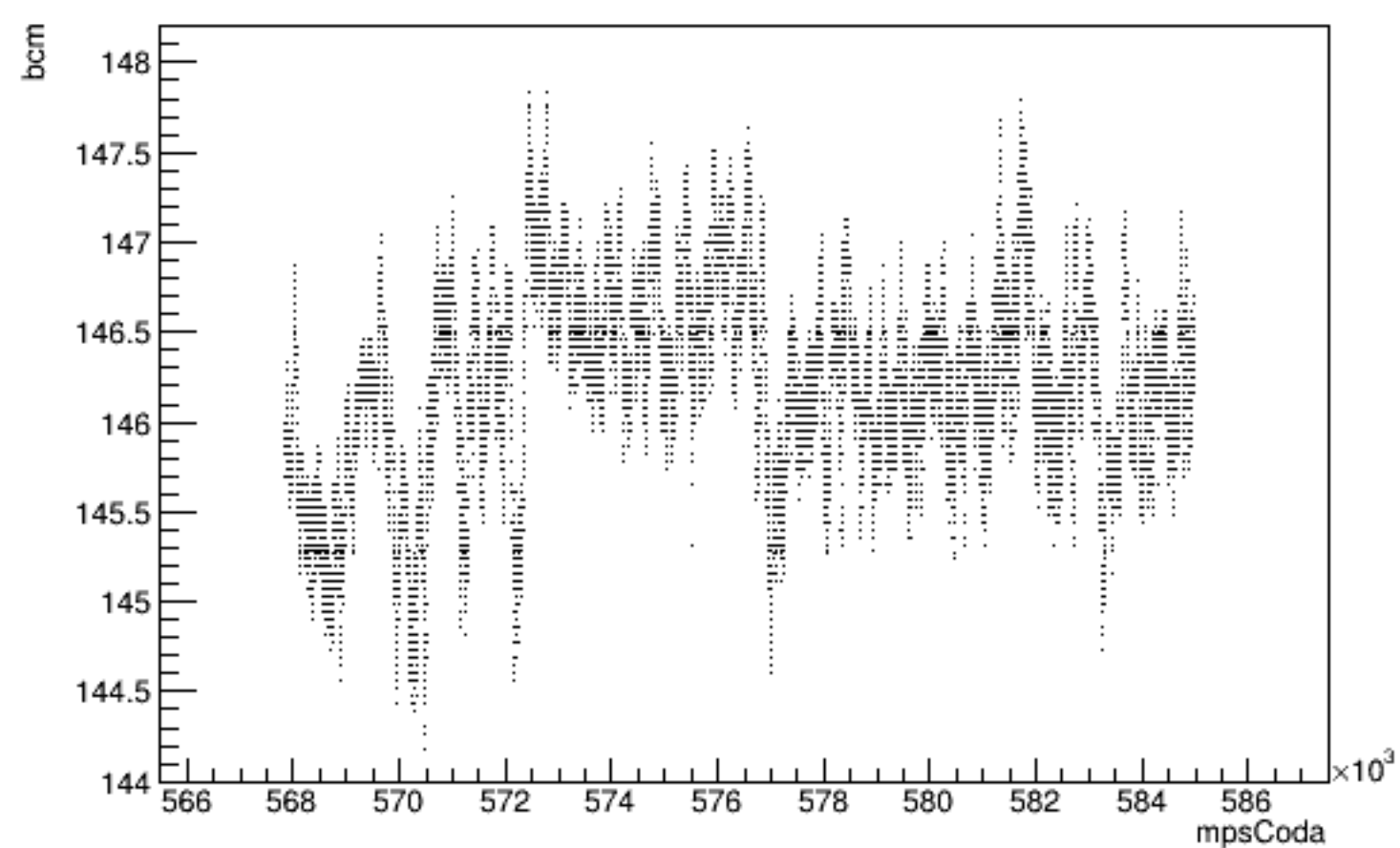
beamState + 1:mpsCoda {mpsCoda>=567849 && mpsCoda<=584984}



cavPowerCalibrated:mpsCoda {mpsCoda>=567849 && mpsCoda<=584984}



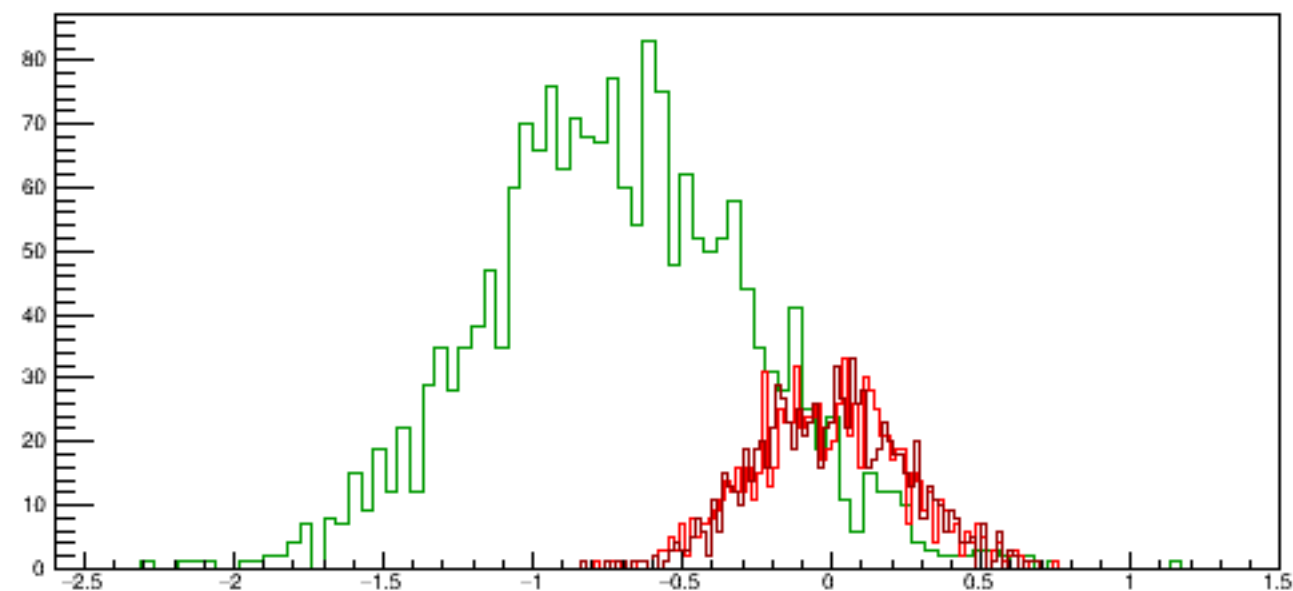
bcm:mpsCoda {mpsCoda>=567849 && mpsCoda<=584984}



Cycle 10, Diffs

Entries: 927	Entries: 1922	Entries: 922
Mean: -0.0097 +/- 0.0084	Mean: -0.7154 +/- 0.0102	Mean: -0.0076 +/- 0.0082
Std Dev: 0.2552 +/- 0.0059	Std Dev: 0.4464 +/- 0.0072	Std Dev: 0.2487 +/- 0.0058

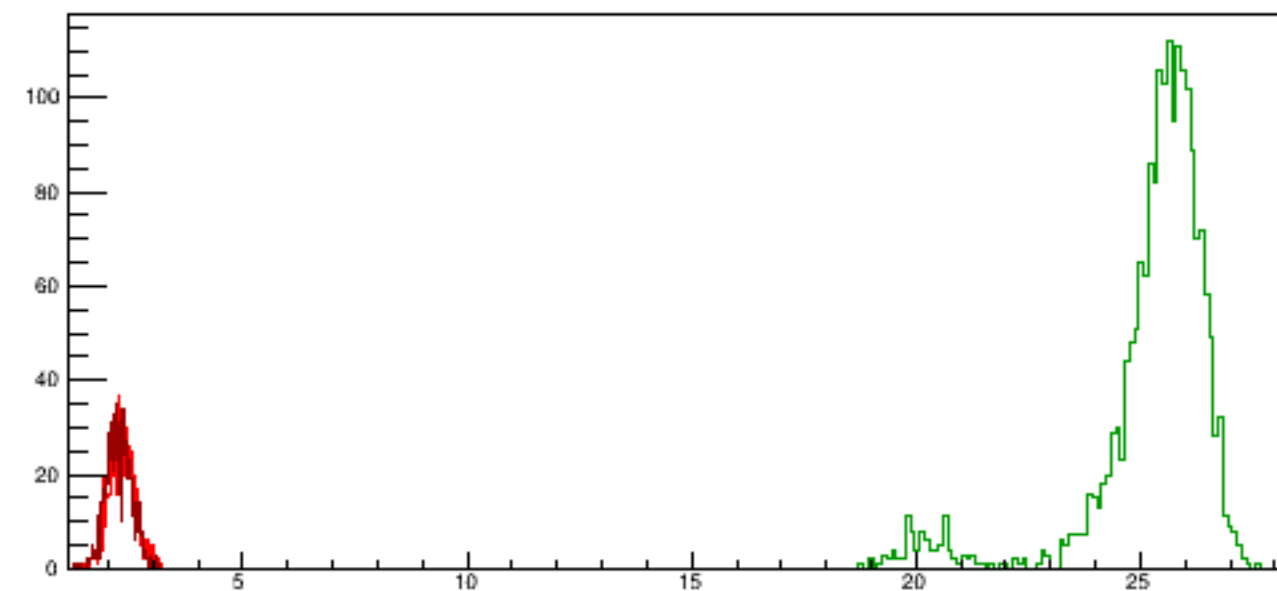
Run 5747 quartetwise, Diffs



Cycle 10, Sums

Entries: 927	Entries: 1922	Entries: 922
Mean: 2.2996 +/- 0.0091	Mean: 25.2843 +/- 0.0319	Mean: 2.2414 +/- 0.0092
Std Dev: 0.2780 +/- 0.0065	Std Dev: 1.3969 +/- 0.0225	Std Dev: 0.2808 +/- 0.0065

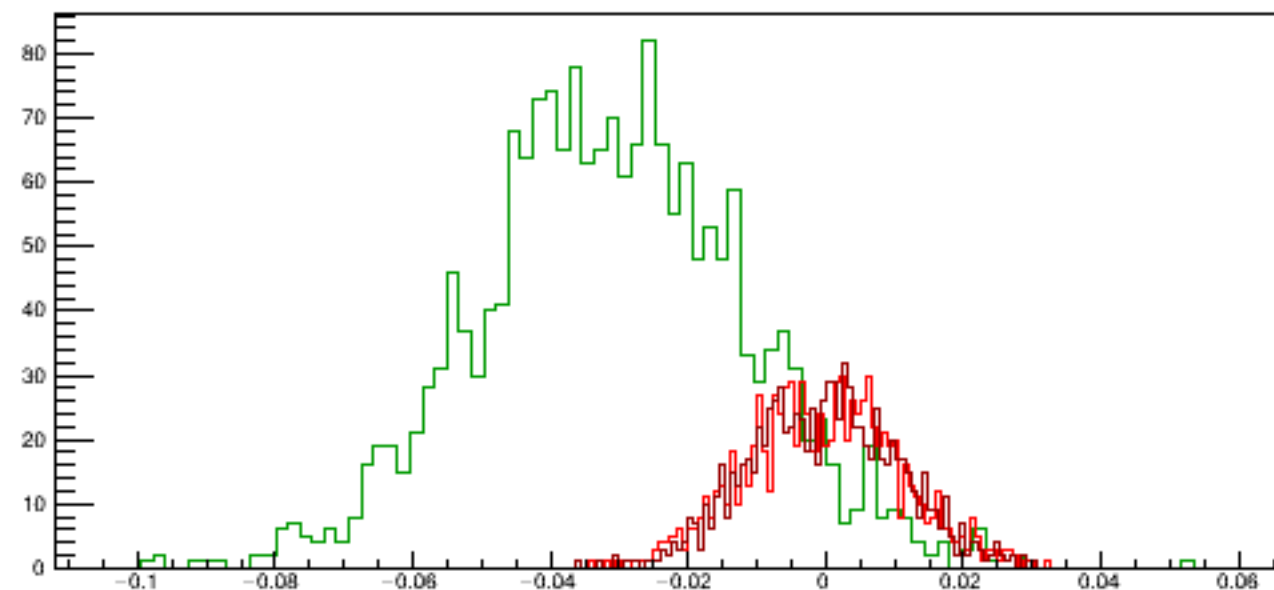
Run 5747 quartetwise, Sums



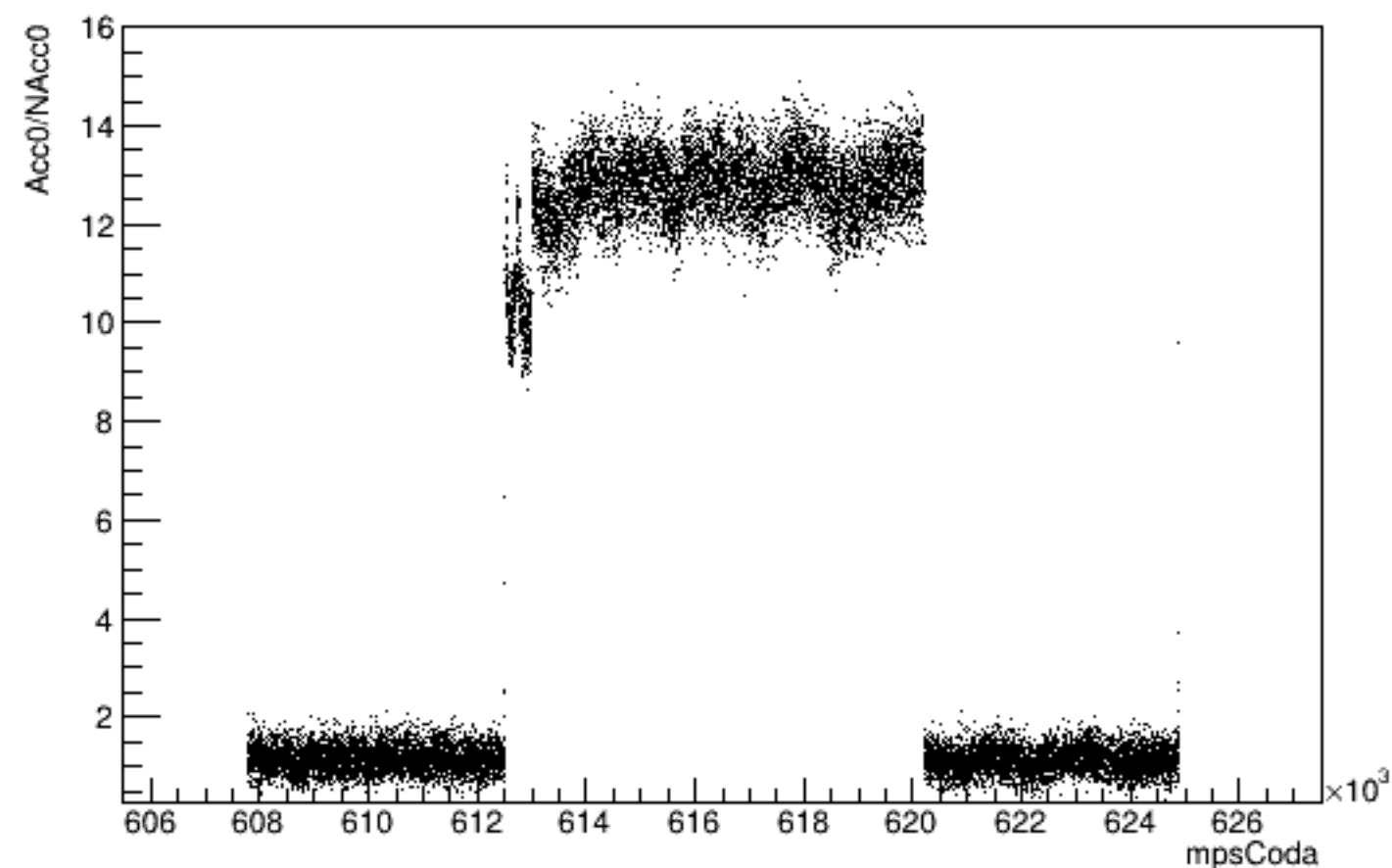
Cycle 10, Asyms

Entries: 927	Entries: 1922	Entries: 922
Mean: -0.0004 +/- 0.0004	Mean: -0.0311 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0111 +/- 0.0003	Std Dev: 0.0195 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

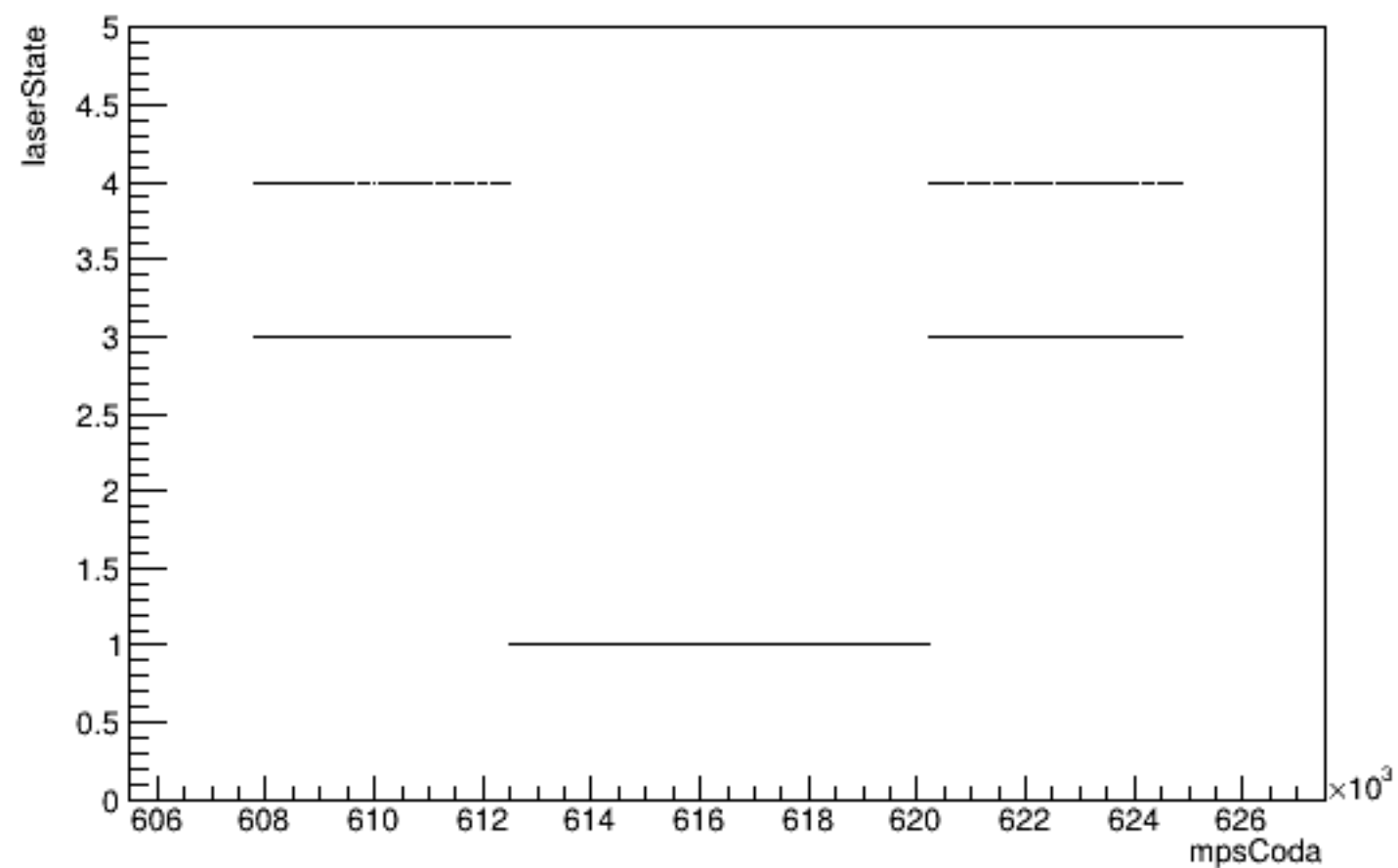
Run 5747 quartetwise, Asyms



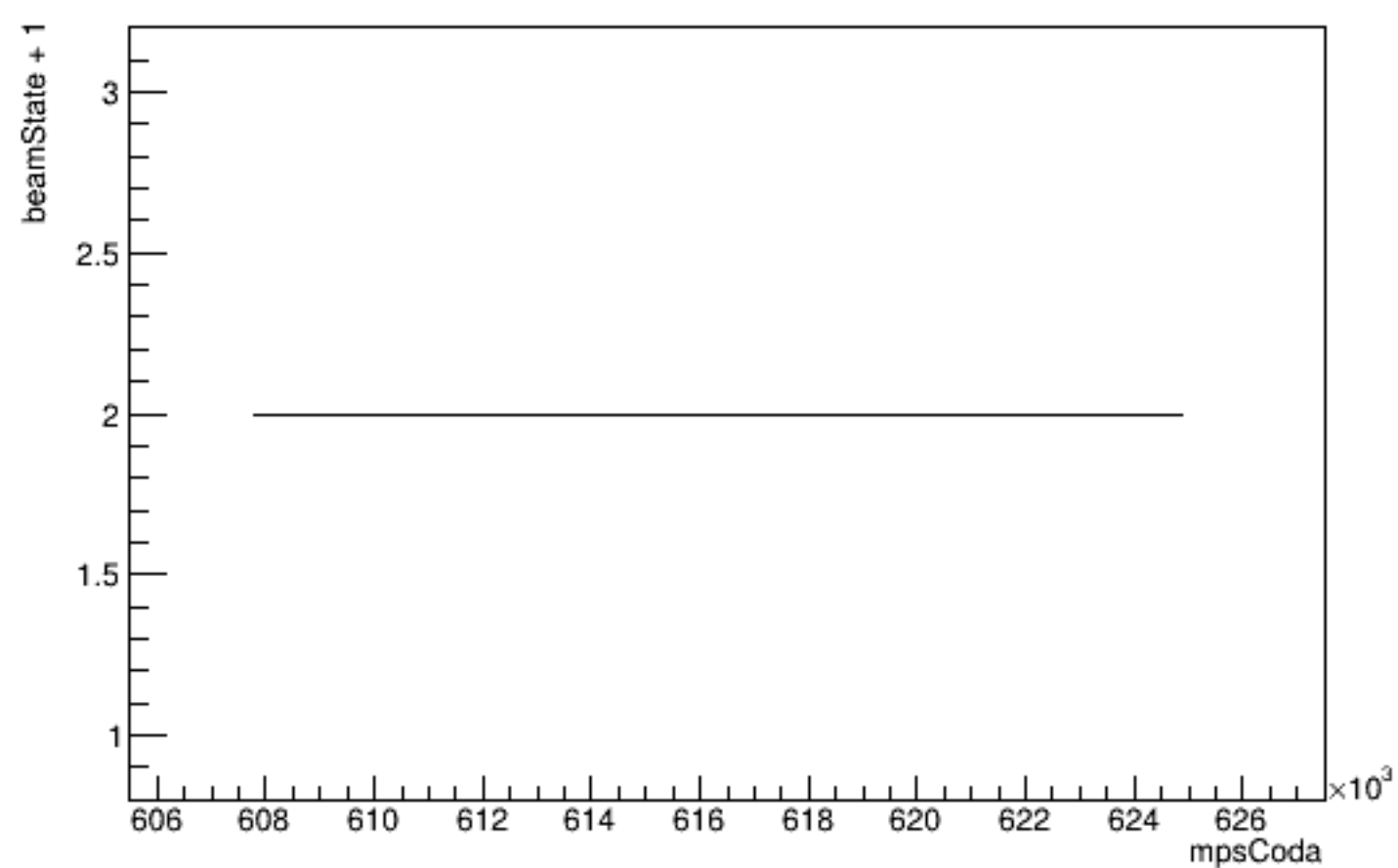
Acc0/NAcc0:mpsCoda (mpsCoda>=607785 && mpsCoda<=624900 && beamState==1)



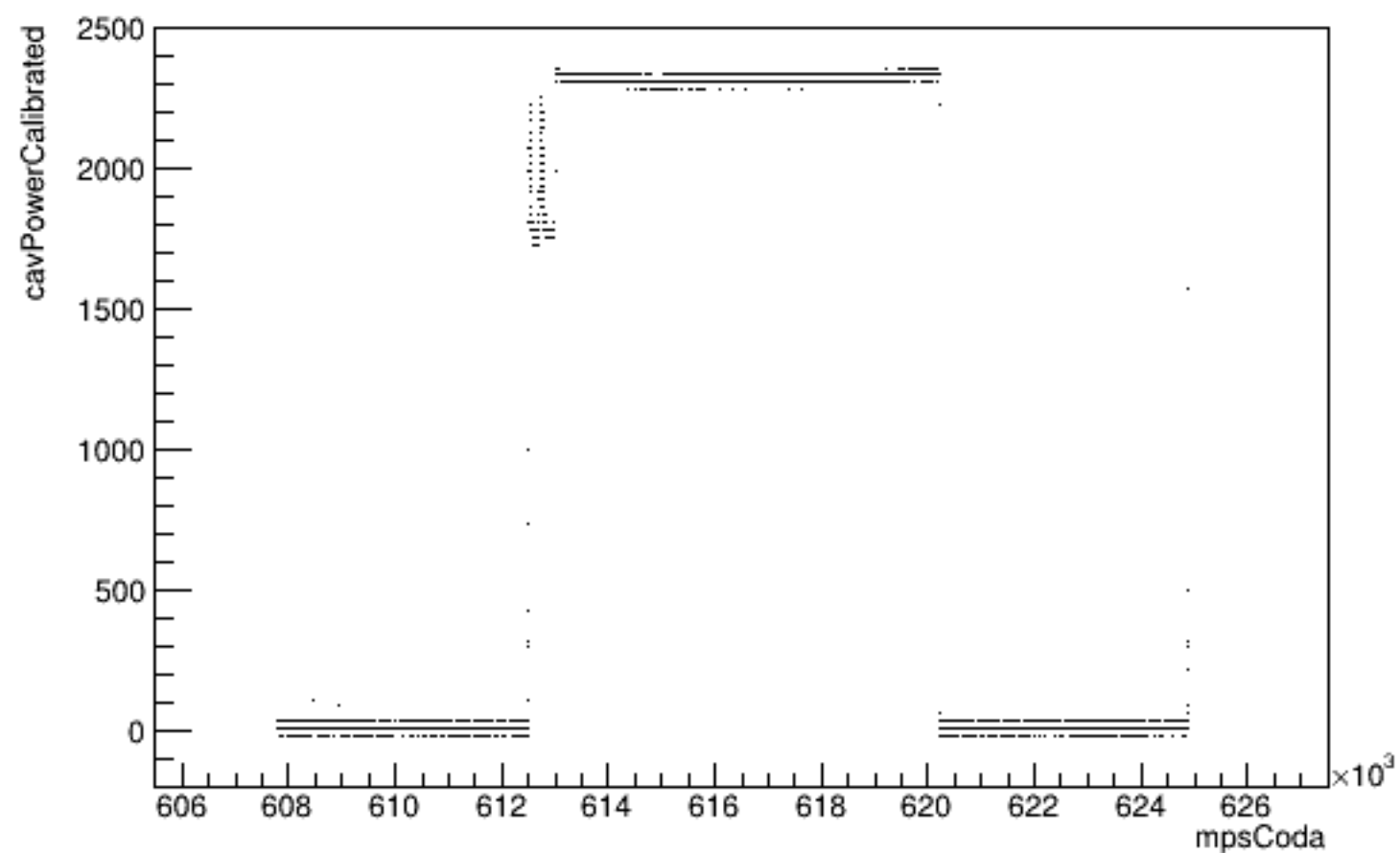
laserState:mpsCoda {mpsCoda>=607785 && mpsCoda<=624900}



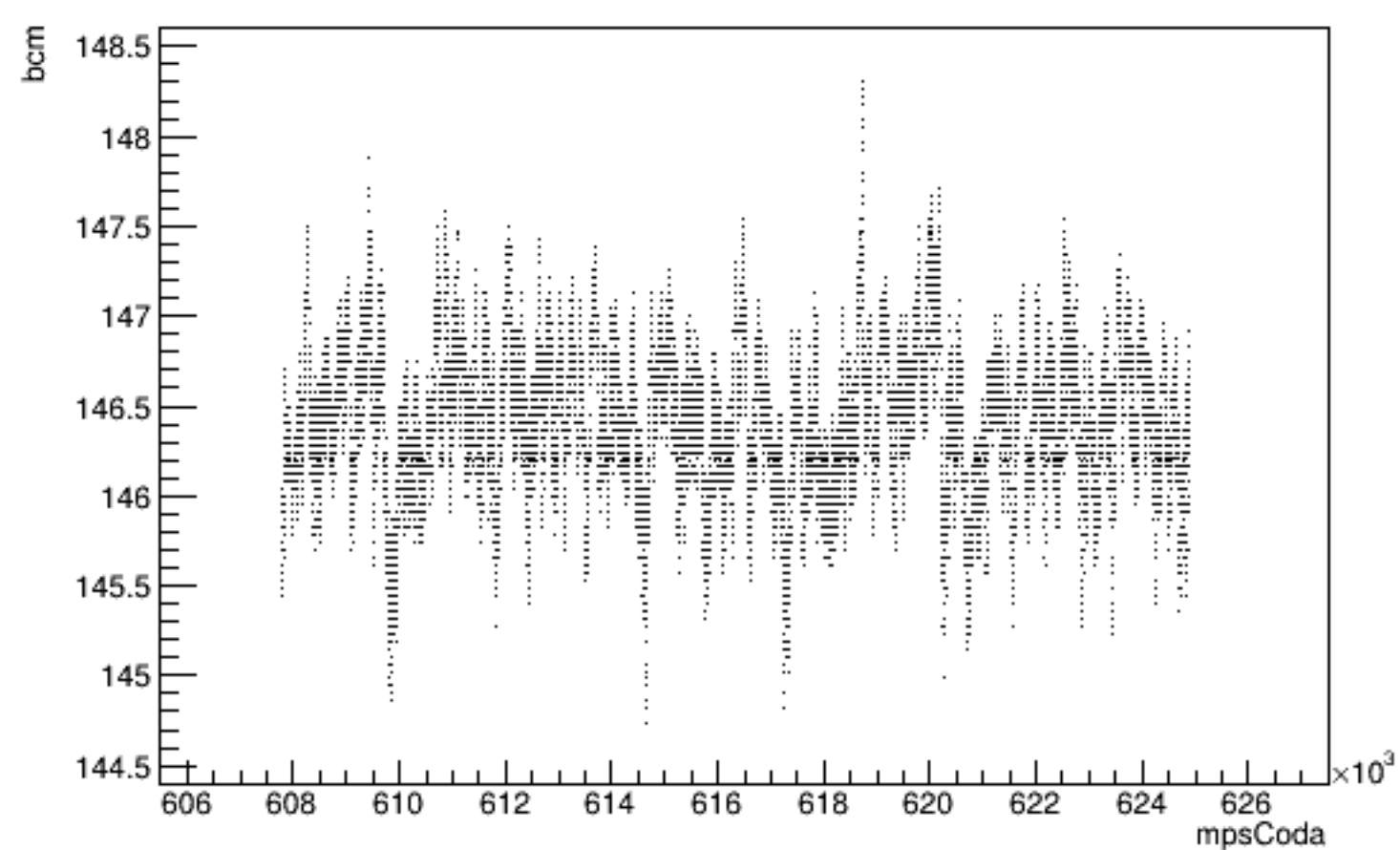
beamState + 1:mpsCoda {mpsCoda>=607785 && mpsCoda<=624900}



cavPowerCalibrated:mpsCoda {mpsCoda>=607785 && mpsCoda<=624900}



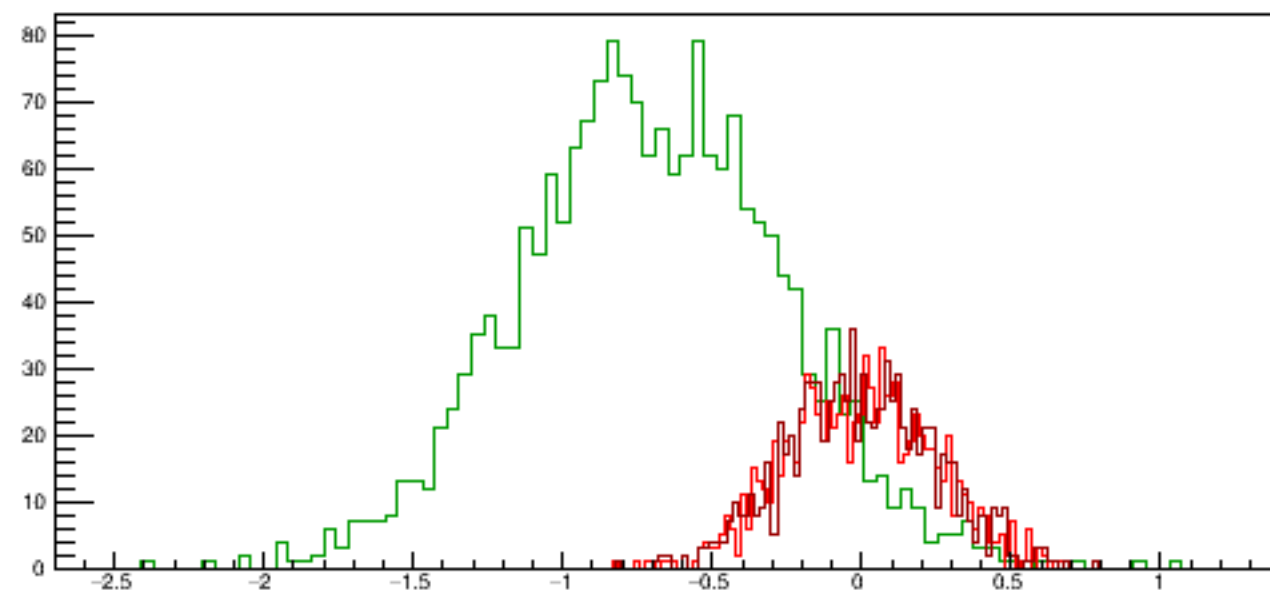
bcm:mpsCoda {mpsCoda>=607785 && mpsCoda<=624900}



Cycle 11, Diffs

Entries: 922	Entries: 1925	Entries: 914
Mean: -0.0076 +/- 0.0082	Mean: -0.7067 +/- 0.0100	Mean: -0.0052 +/- 0.0081
Std Dev: 0.2487 +/- 0.0058	Std Dev: 0.4391 +/- 0.0071	Std Dev: 0.2444 +/- 0.0057

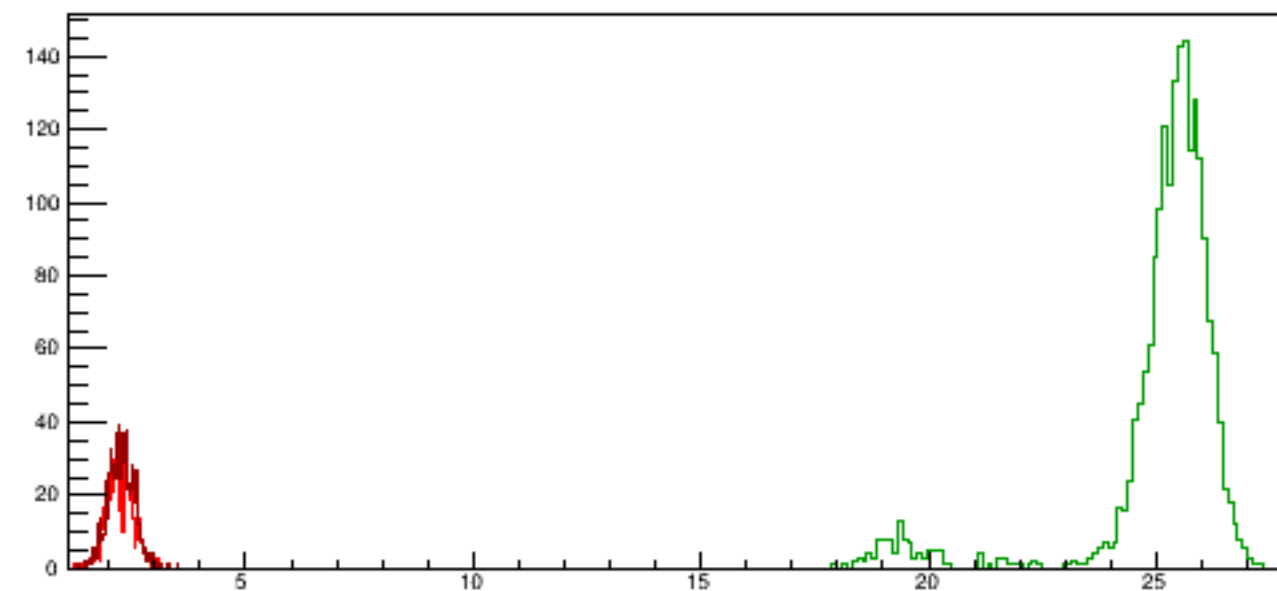
Run 5747 quartetwise, Diffs



Cycle 11, Sums

Entries: 922	Entries: 1925	Entries: 914
Mean: 2.2414 +/- 0.0092	Mean: 25.1326 +/- 0.0346	Mean: 2.2689 +/- 0.0095
Std Dev: 0.2808 +/- 0.0065	Std Dev: 1.5170 +/- 0.0244	Std Dev: 0.2862 +/- 0.0067

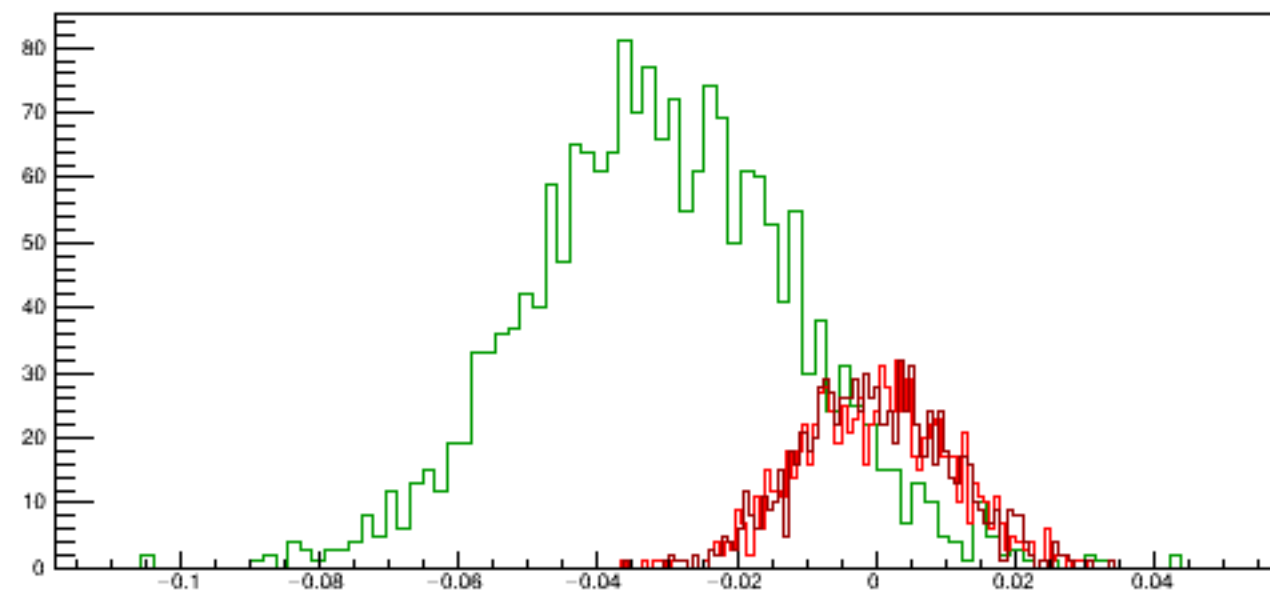
Run 5747 quartetwise, Sums



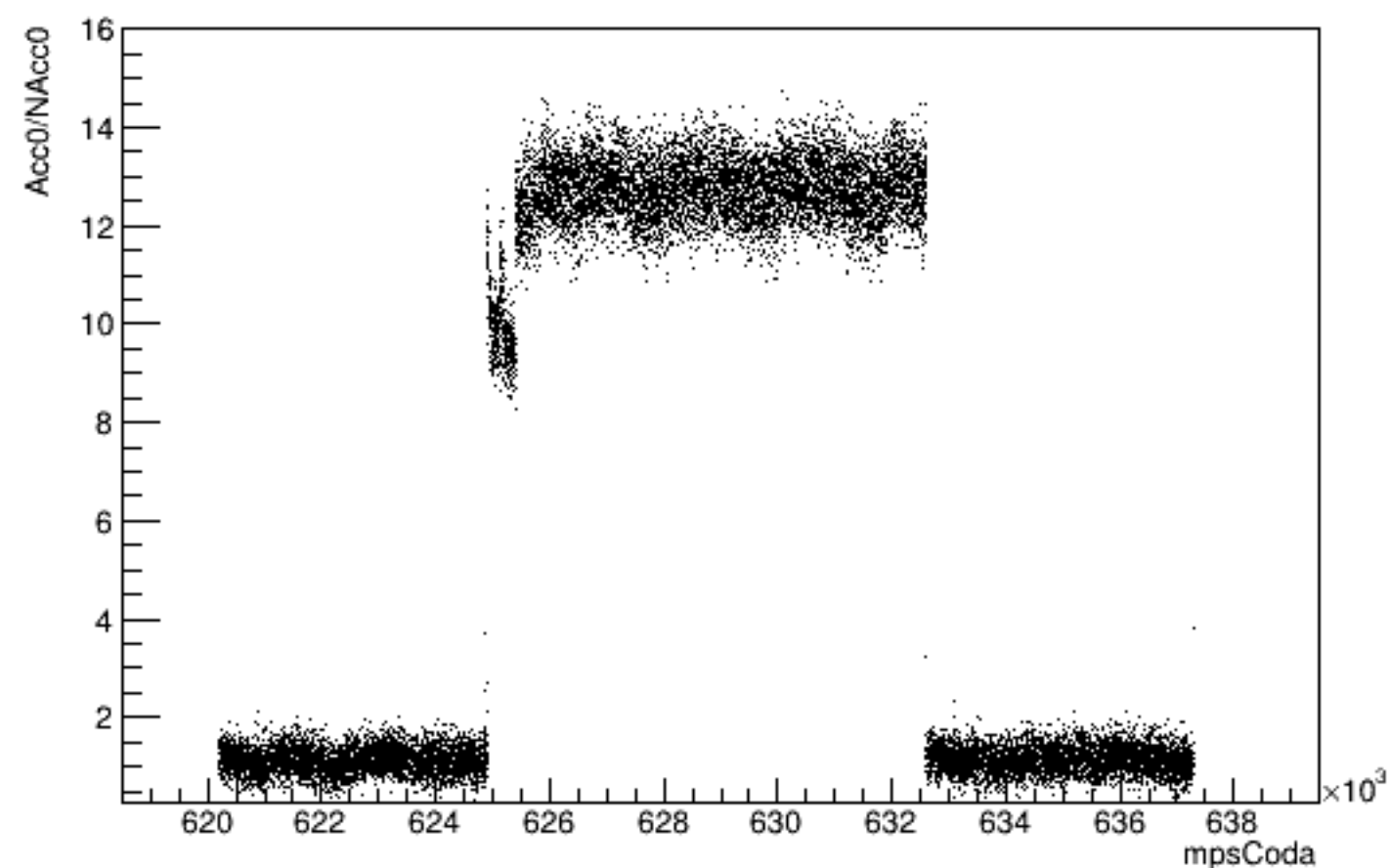
Cycle 11, Asyms

Entries: 922	Entries: 1925	Entries: 914
Mean: -0.0003 +/- 0.0004	Mean: -0.0308 +/- 0.0004	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0109 +/- 0.0003	Std Dev: 0.0191 +/- 0.0003	Std Dev: 0.0107 +/- 0.0002

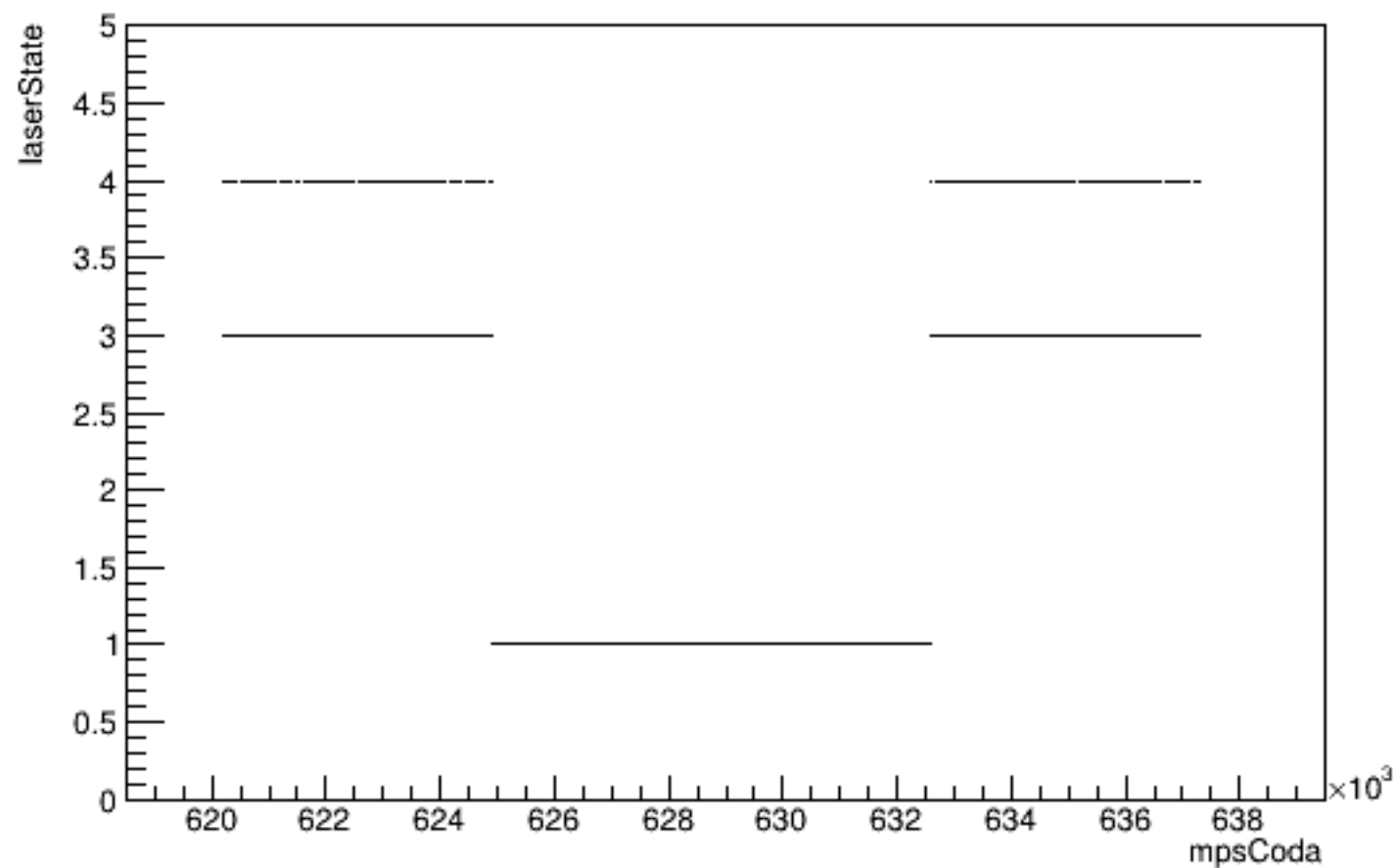
Run 5747 quartetwise, Asyms



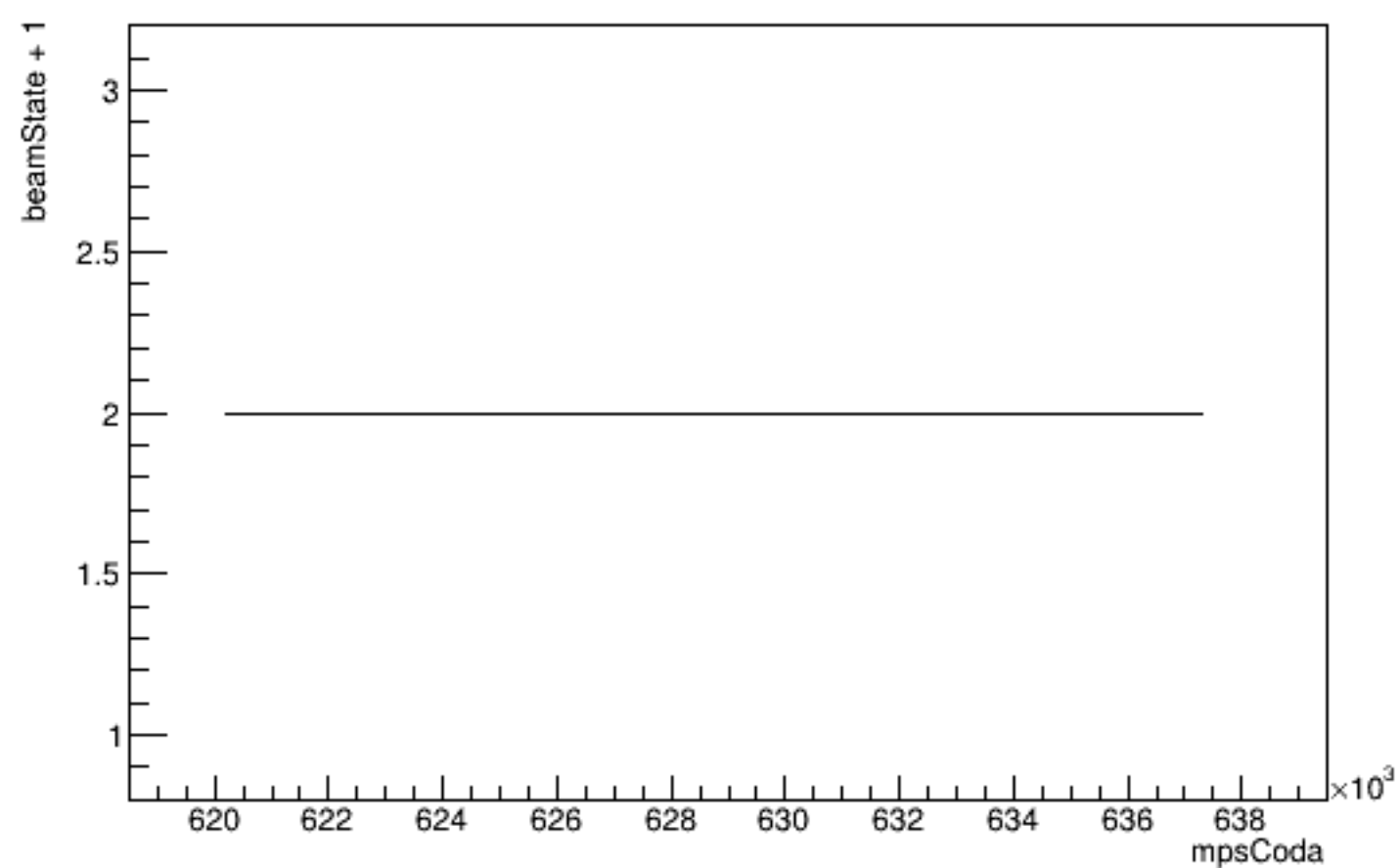
Acc0/NAcc0:mpsCoda (mpsCoda>=620205 && mpsCoda<=637284 && beamState==1)



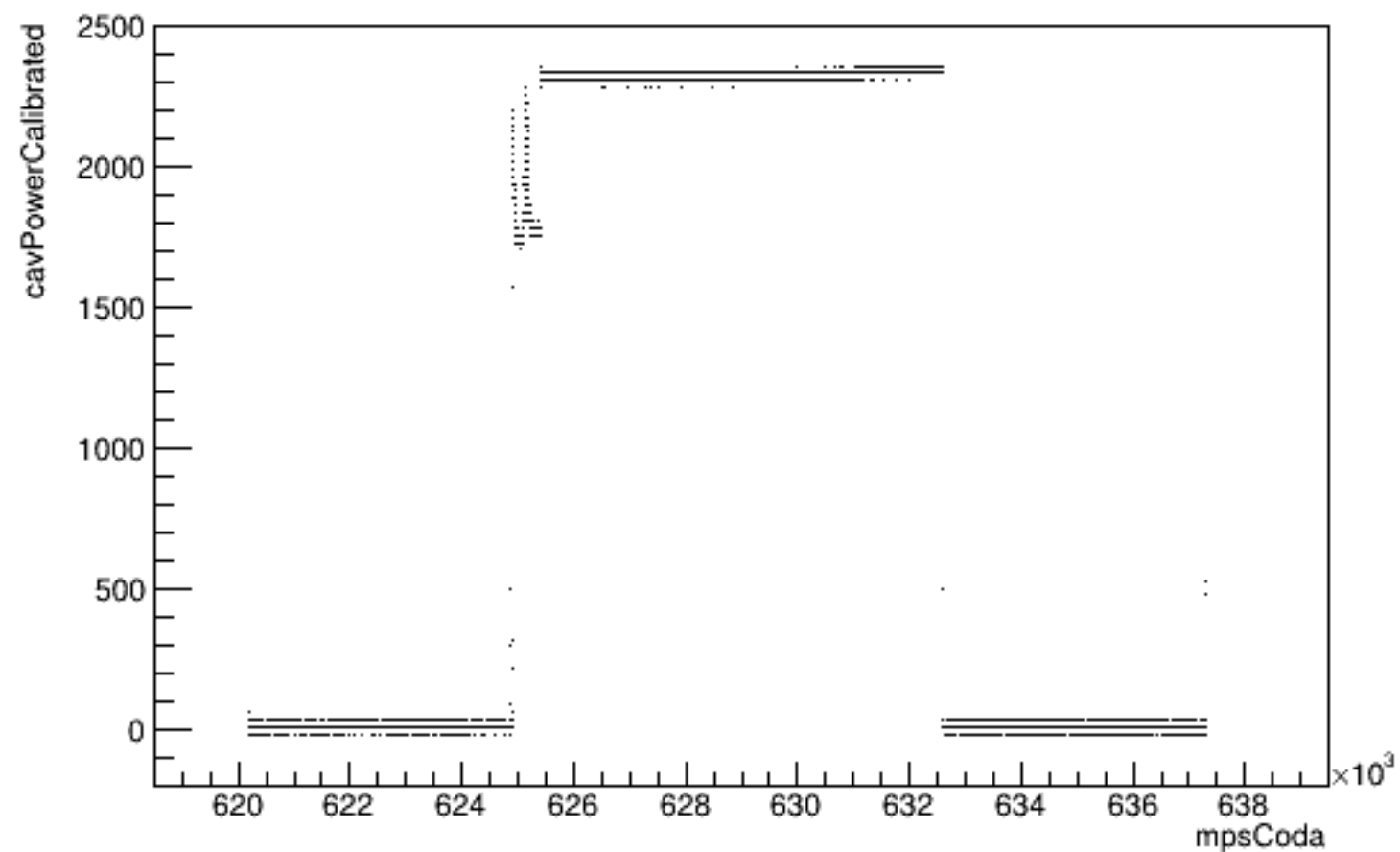
laserState:mpsCoda {mpsCoda>=620205 && mpsCoda<=637284}



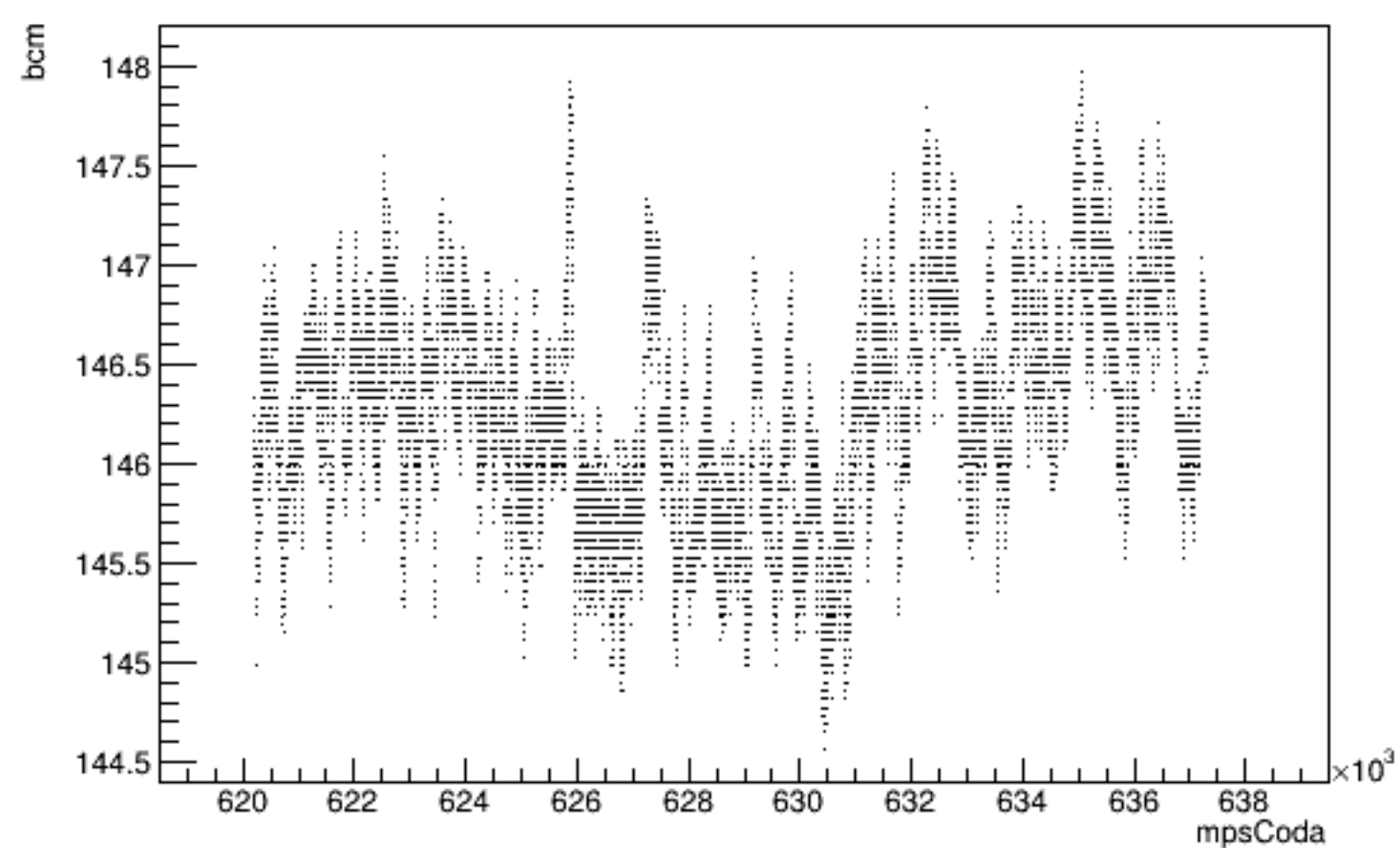
beamState + 1:mpsCoda {mpsCoda>=620205 && mpsCoda<=637284}



cavPowerCalibrated:mpsCoda {mpsCoda>=620205 && mpsCoda<=637284}



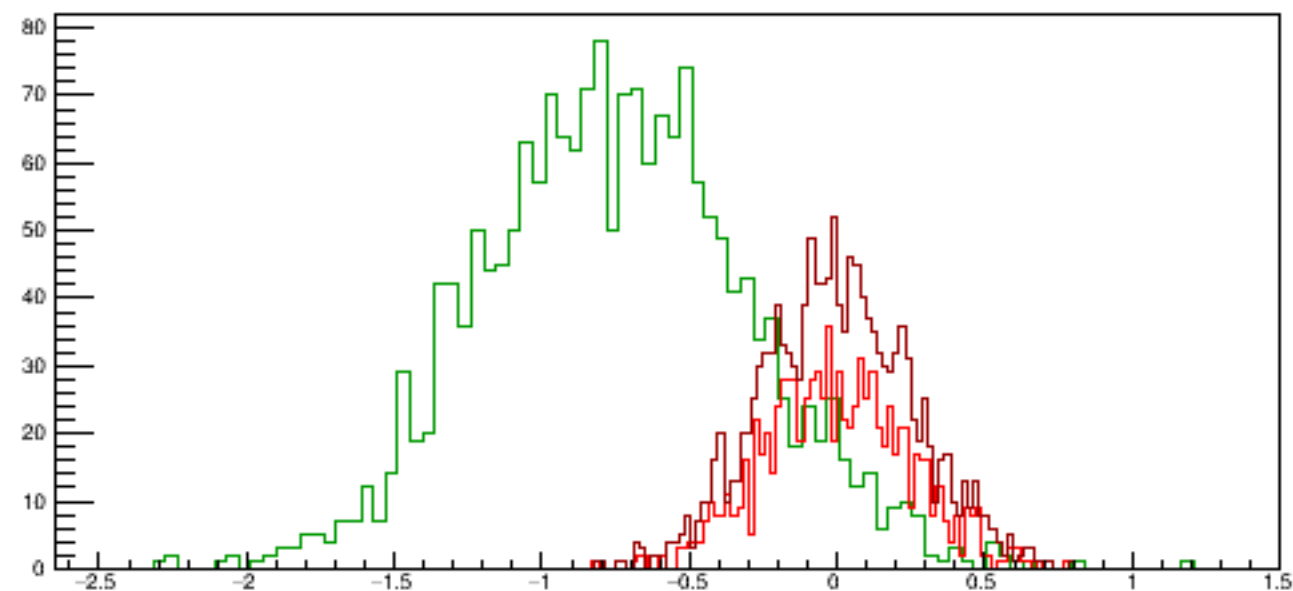
bcm:mpsCoda {mpsCoda>=620205 && mpsCoda<=637284}



Cycle 12, Diffs

Entries: 914	Entries: 1889	Entries: 1419
Mean: -0.0052 +/- 0.0081	Mean: -0.7531 +/- 0.0103	Mean: -0.0023 +/- 0.0068
Std Dev: 0.2444 +/- 0.0057	Std Dev: 0.4487 +/- 0.0073	Std Dev: 0.2556 +/- 0.0048

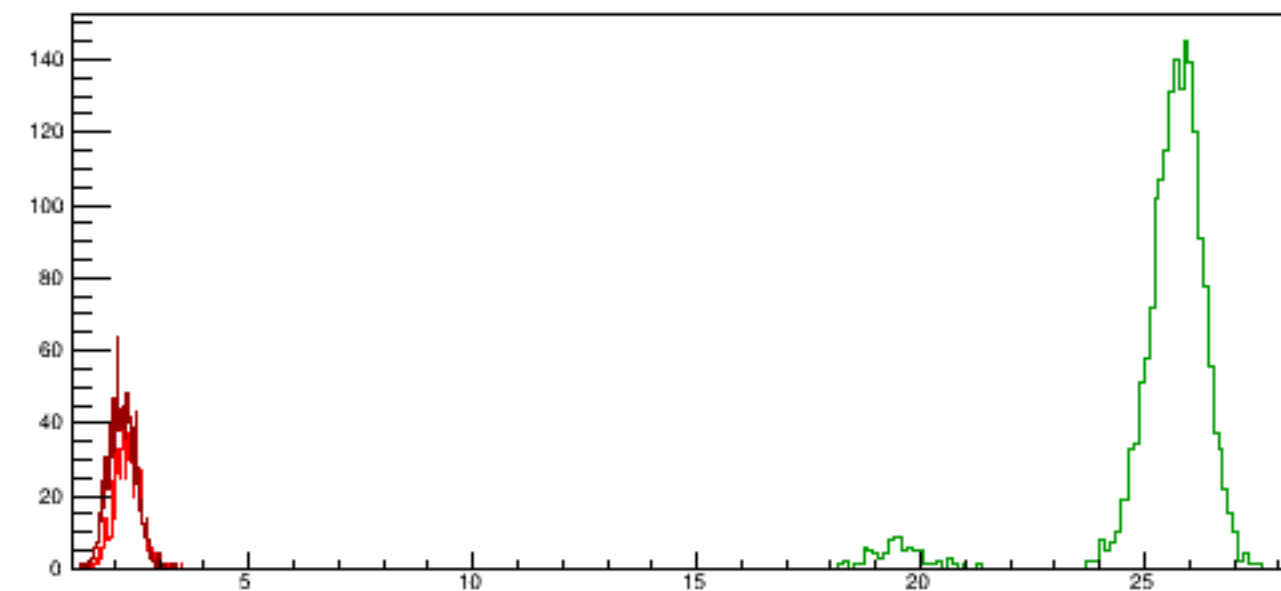
Run 5747 quartetwise, Diffs



Cycle 12, Sums

Entries: 914	Entries: 1889	Entries: 1419
Mean: 2.2689 +/- 0.0095	Mean: 25.4401 +/- 0.0325	Mean: 2.1699 +/- 0.0079
Std Dev: 0.2862 +/- 0.0067	Std Dev: 1.4135 +/- 0.0230	Std Dev: 0.2991 +/- 0.0056

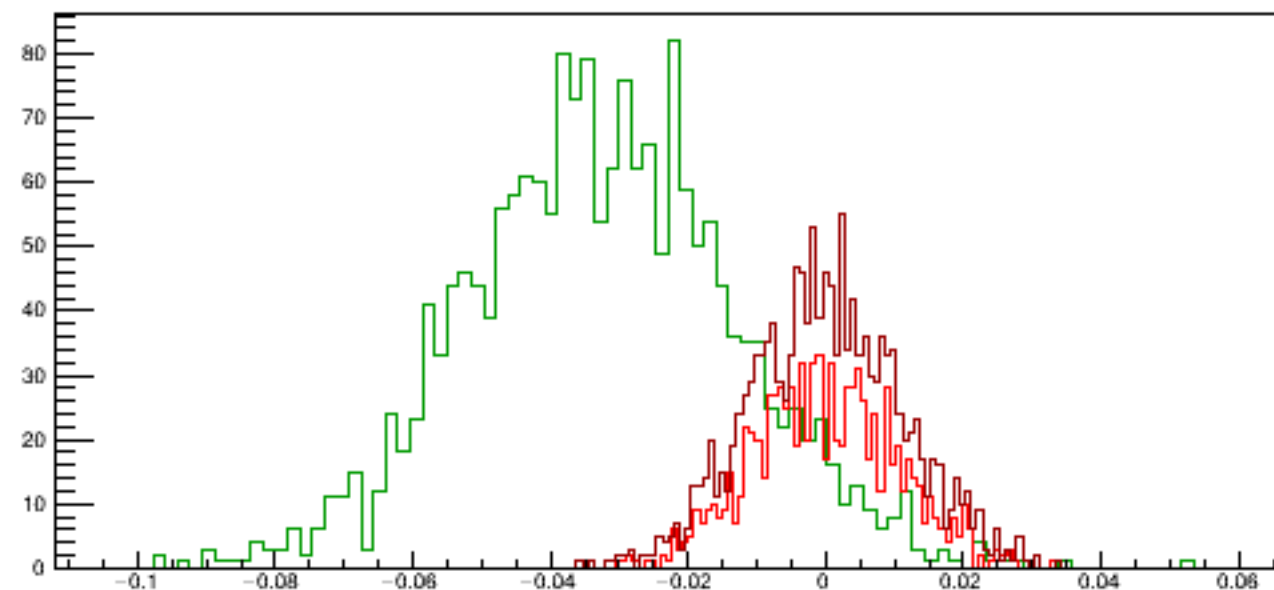
Run 5747 quartetwise, Sums



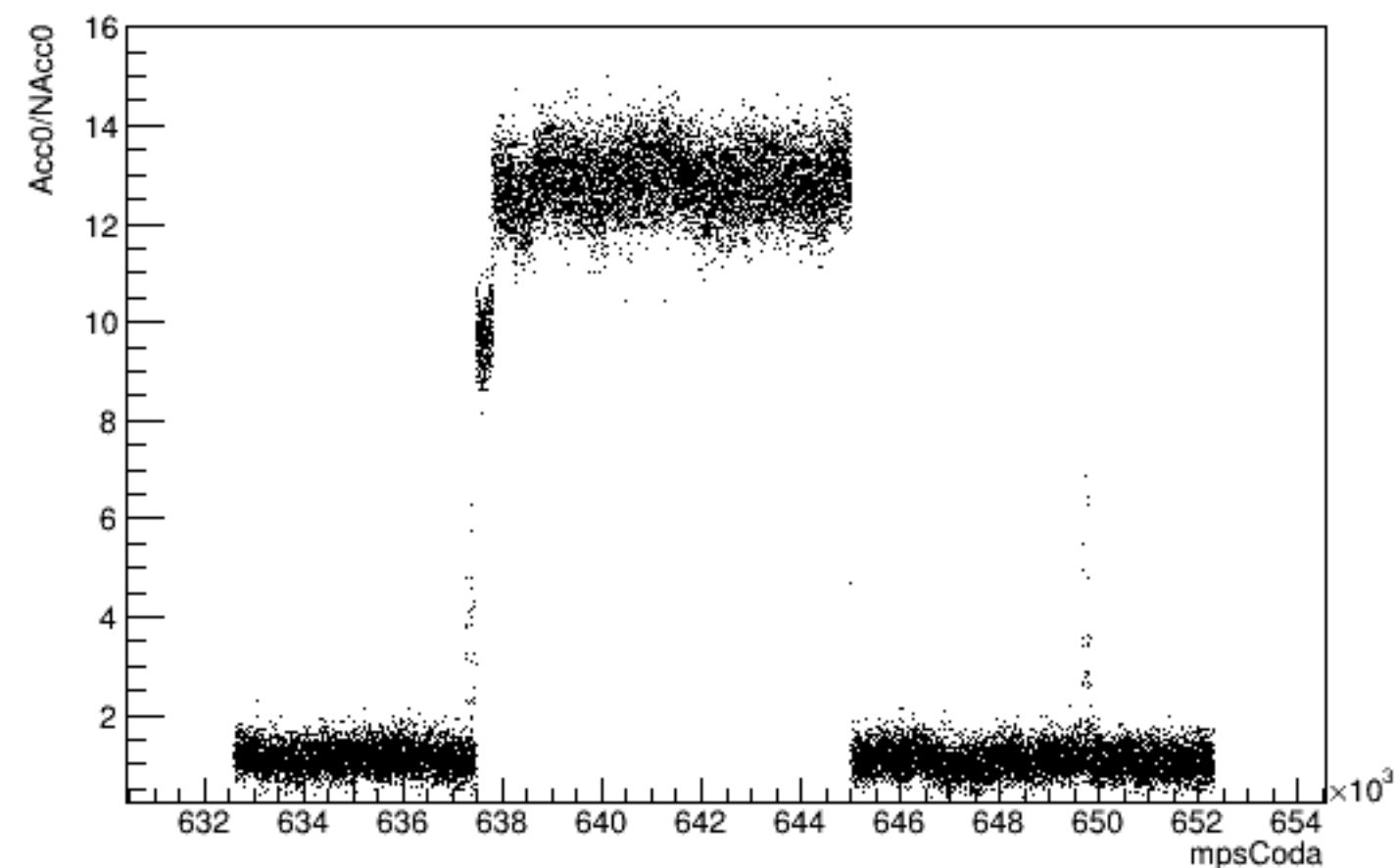
Cycle 12, Asyms

Entries: 914	Entries: 1889	Entries: 1419
Mean: -0.0002 +/- 0.0003	Mean: -0.0325 +/- 0.0004	Mean: -0.0001 +/- 0.0003
Std Dev: 0.0105 +/- 0.0002	Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0110 +/- 0.0002

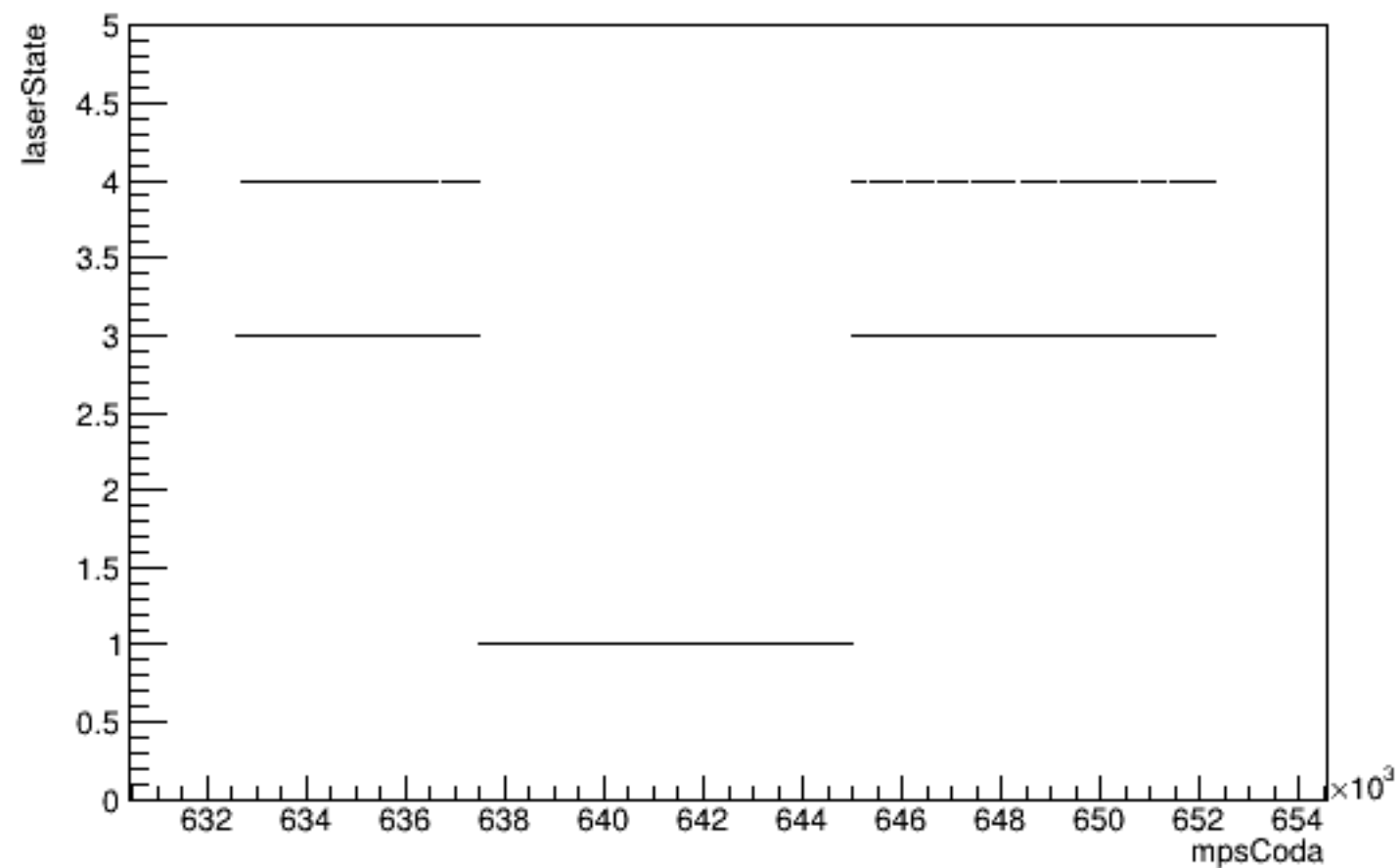
Run 5747 quartetwise, Asyms



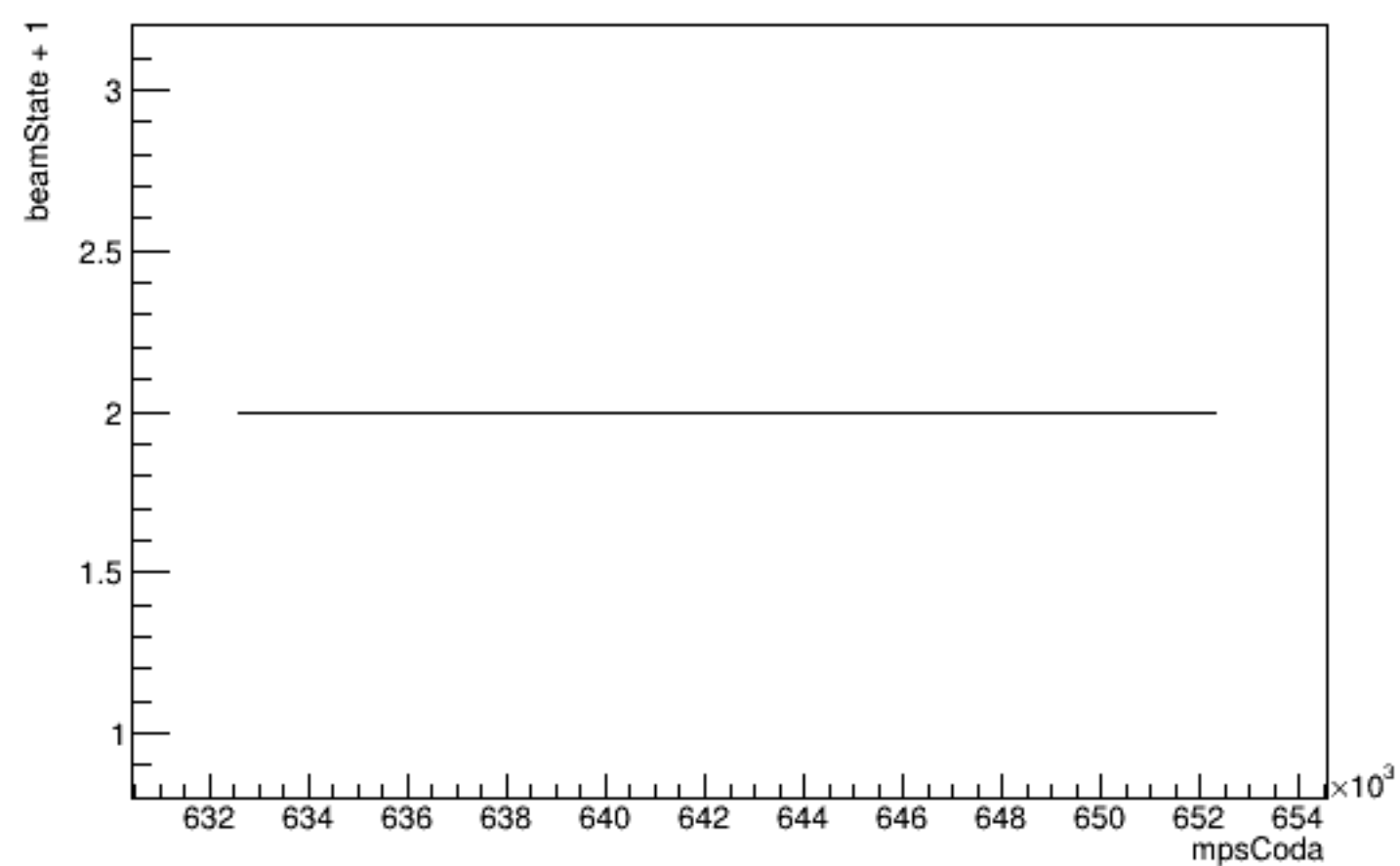
Acc0/NAcc0:mpsCoda (mpsCoda>=632609 && mpsCoda<=652300 && beamState==1)



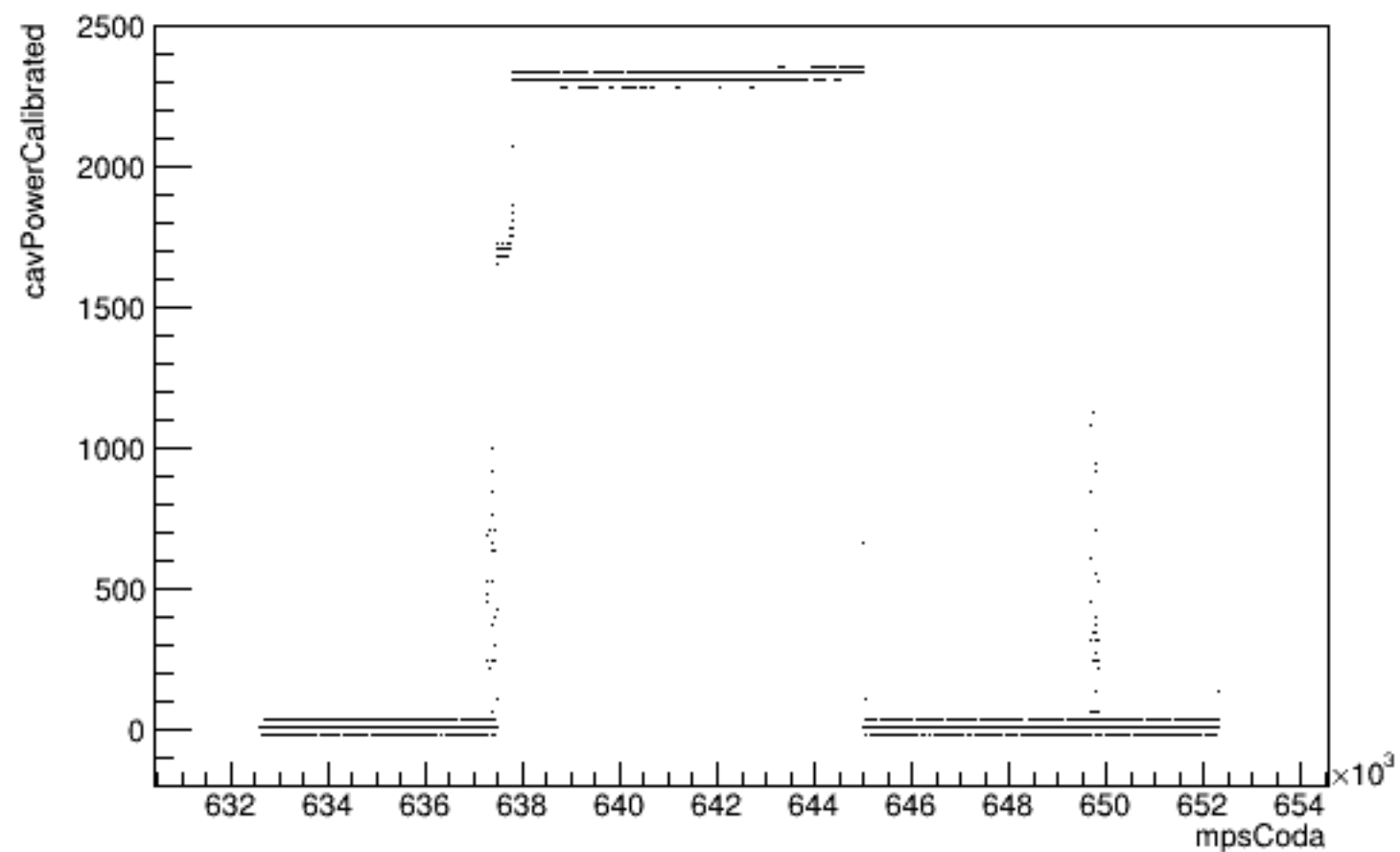
laserState:mpsCoda {mpsCoda>=632609 && mpsCoda<=652300}



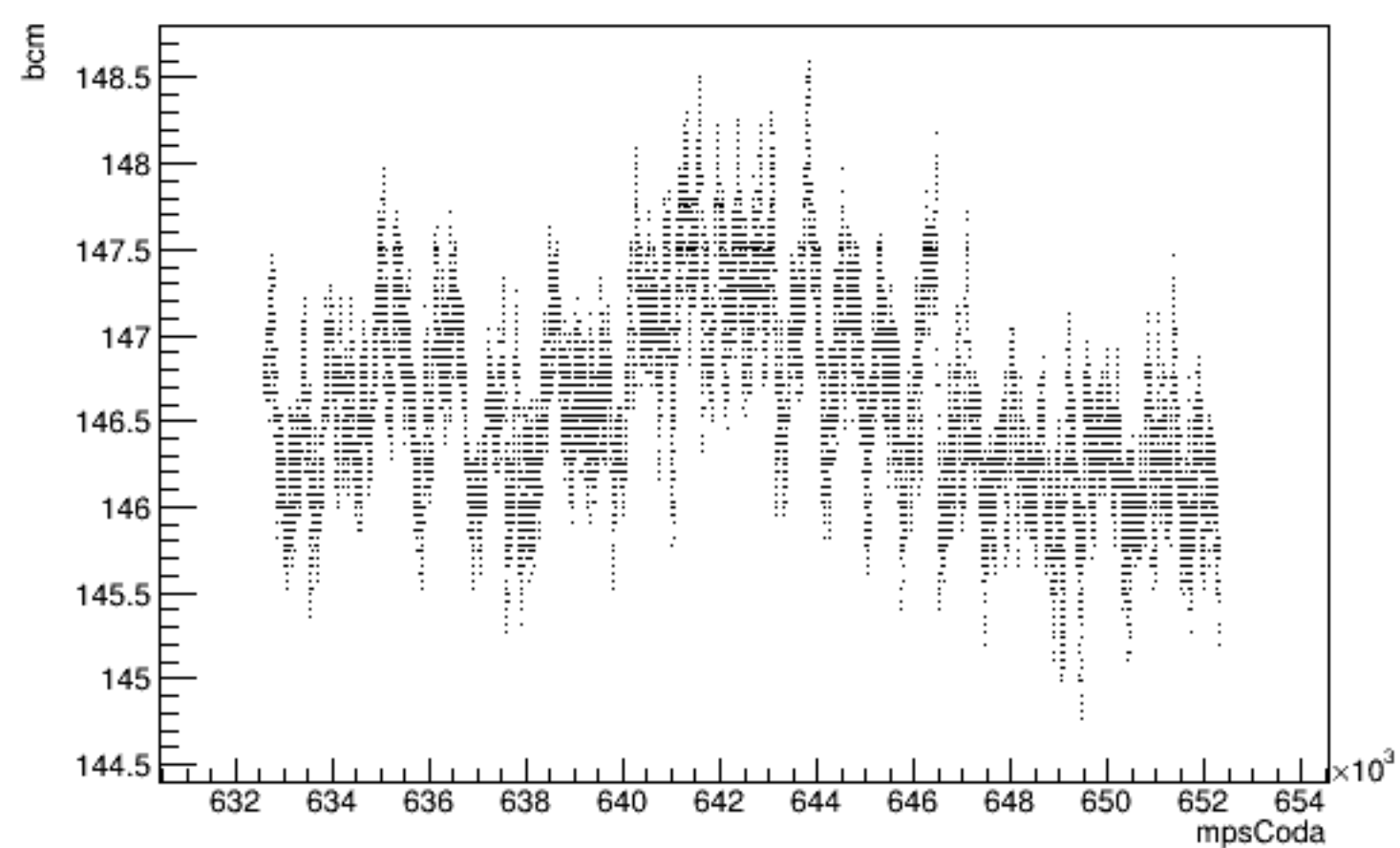
beamState + 1:mpsCoda {mpsCoda>=632609 && mpsCoda<=652300}



cavPowerCalibrated:mpsCoda {mpsCoda>=632609 && mpsCoda<=652300}



bcm:mpsCoda {mpsCoda>=632609 && mpsCoda<=652300}



Cycle 13, Diffs

Entries: 1419

Mean: -0.0023 +/- 0.0068

Std Dev: 0.2556 +/- 0.0048

Entries: 1882

Mean: -0.7391 +/- 0.0105

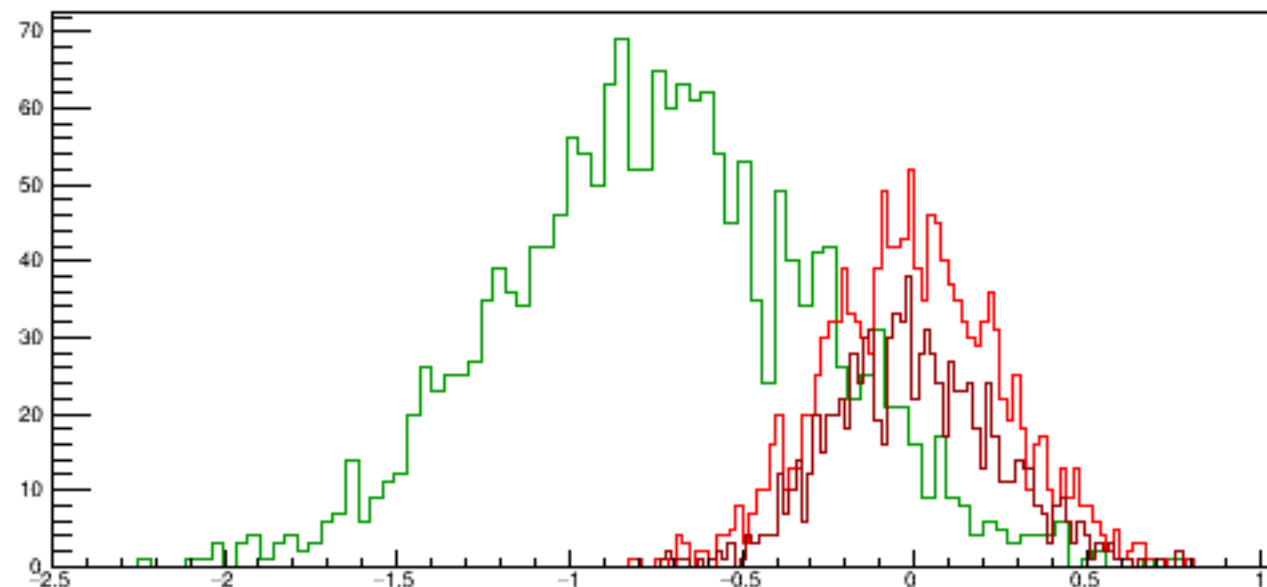
Std Dev: 0.4537 +/- 0.0074

Entries: 953

Mean: -0.0036 +/- 0.0077

Std Dev: 0.2377 +/- 0.0054

Run 5747 quartetwise, Diffs



Cycle 13, Sums

Entries: 1419

Mean: 2.1699 +/- 0.0079

Std Dev: 0.2991 +/- 0.0056

Entries: 1882

Mean: 25.5540 +/- 0.0271

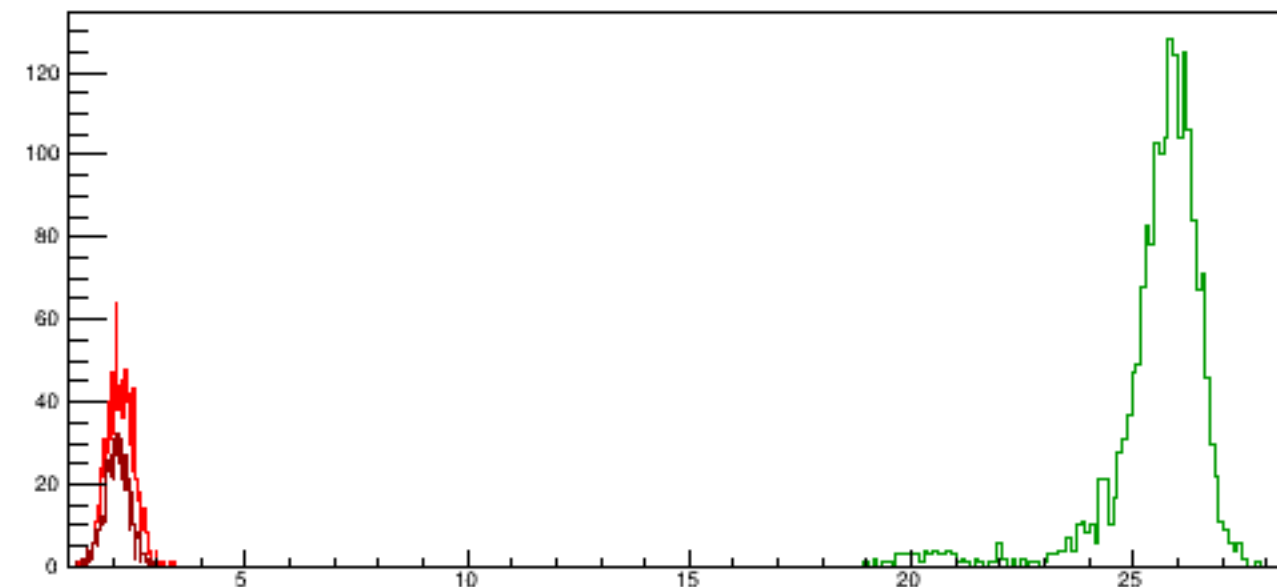
Std Dev: 1.1755 +/- 0.0192

Entries: 953

Mean: 2.1051 +/- 0.0090

Std Dev: 0.2792 +/- 0.0064

Run 5747 quartetwise, Sums



Cycle 13, Asyms

Entries: 1419

Mean: -0.0001 +/- 0.0003

Std Dev: 0.0109 +/- 0.0002

Entries: 1882

Mean: -0.0316 +/- 0.0004

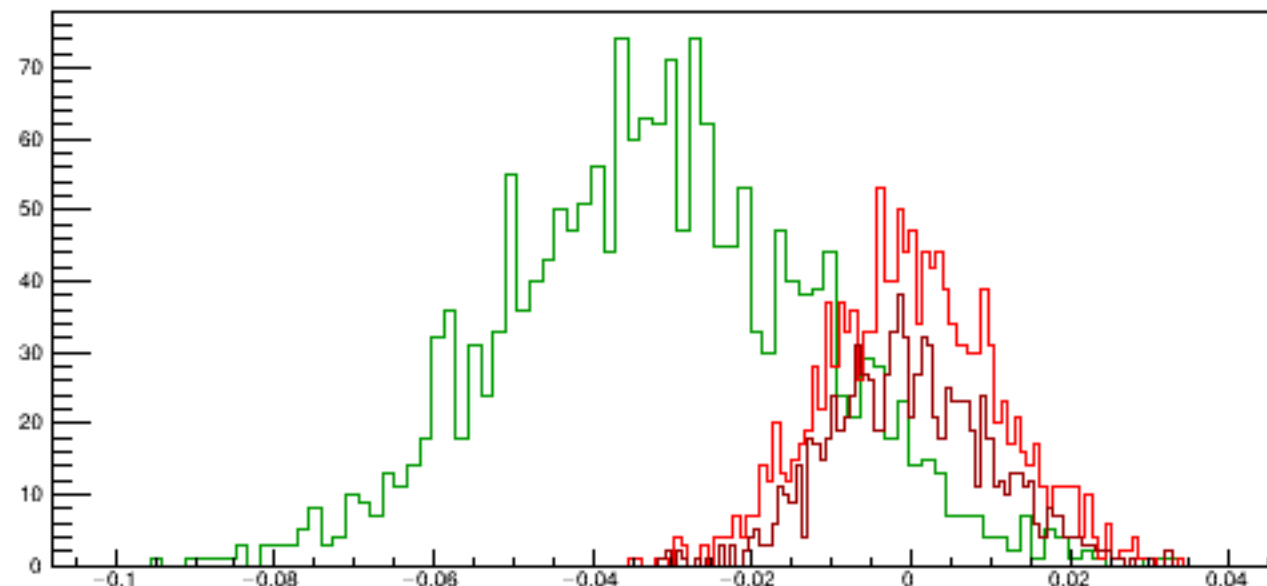
Std Dev: 0.0194 +/- 0.0003

Entries: 953

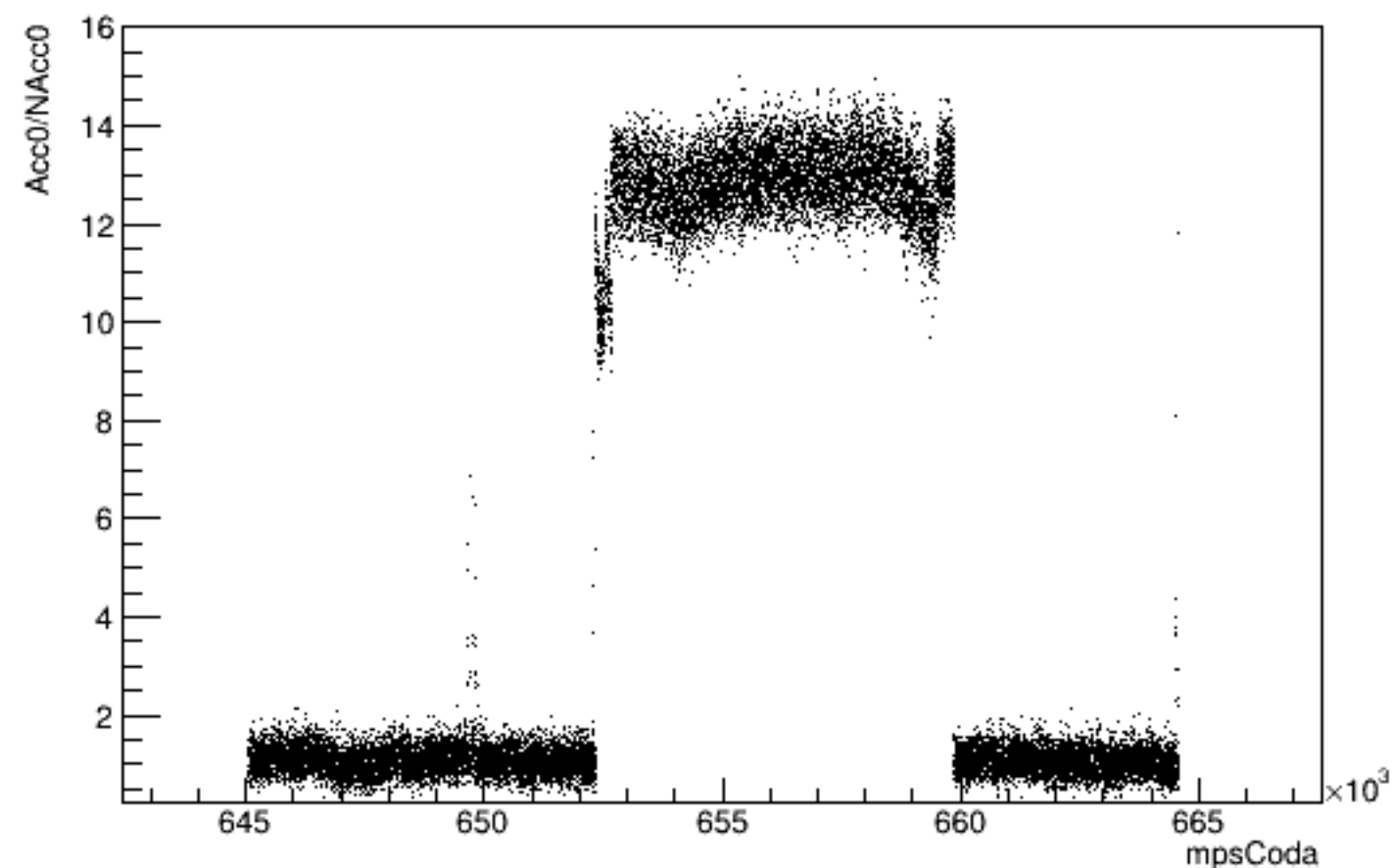
Mean: -0.0002 +/- 0.0003

Std Dev: 0.0102 +/- 0.0002

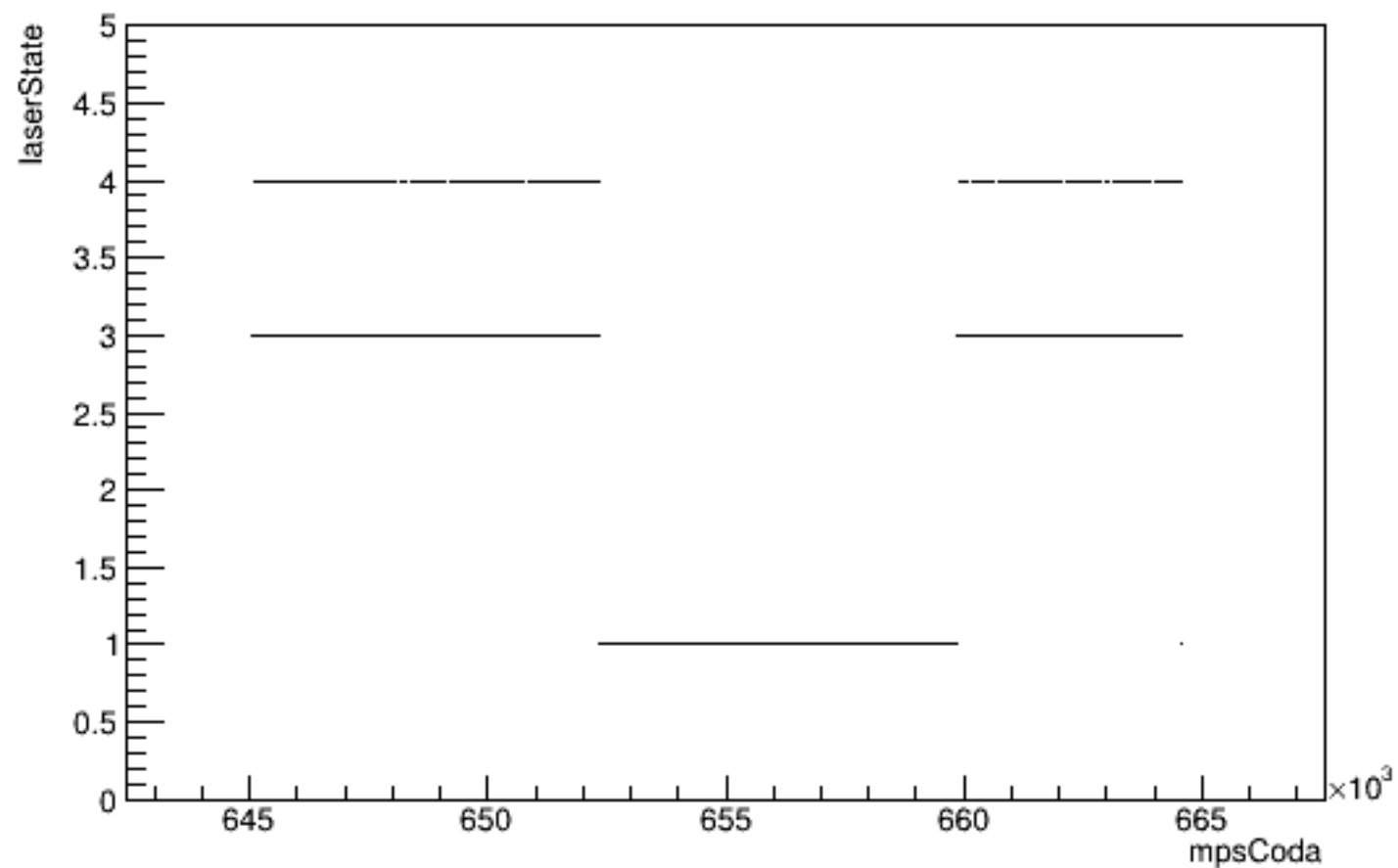
Run 5747 quartetwise, Asyms



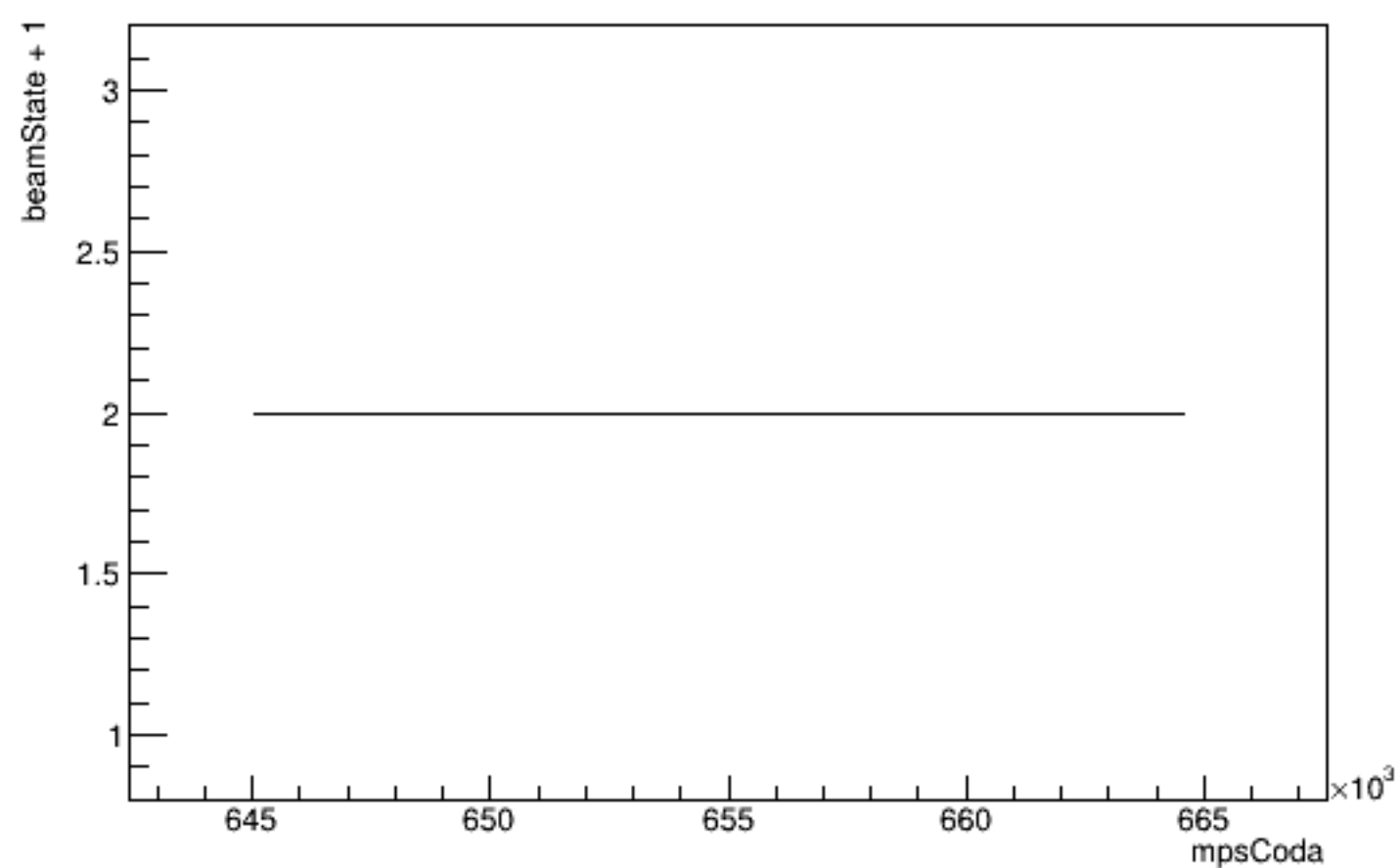
Acc0/NAcc0:mpsCoda (mpsCoda>=645049 && mpsCoda<=664580 && beamState==1)



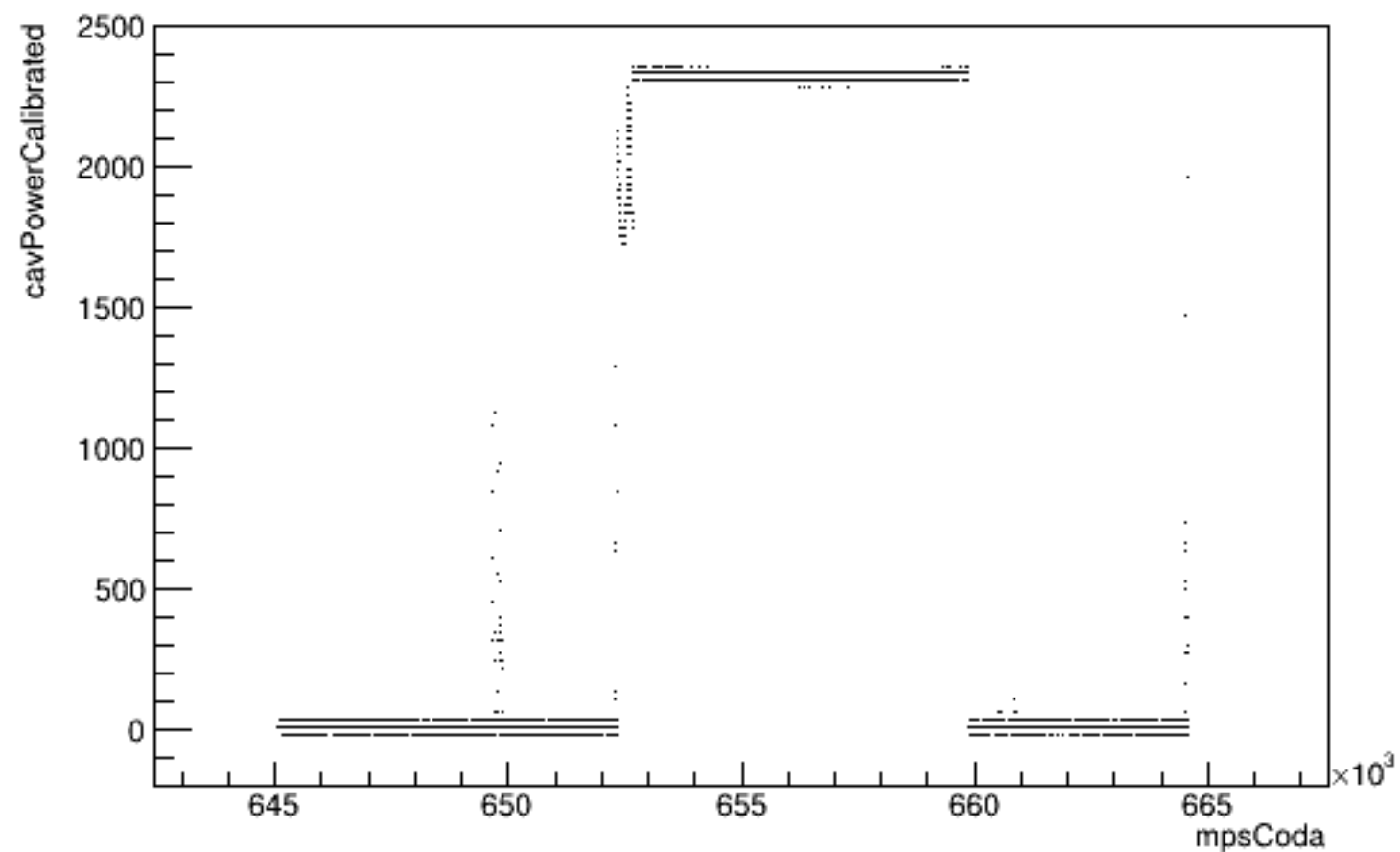
laserState:mpsCoda {mpsCoda>=645049 && mpsCoda<=664580}



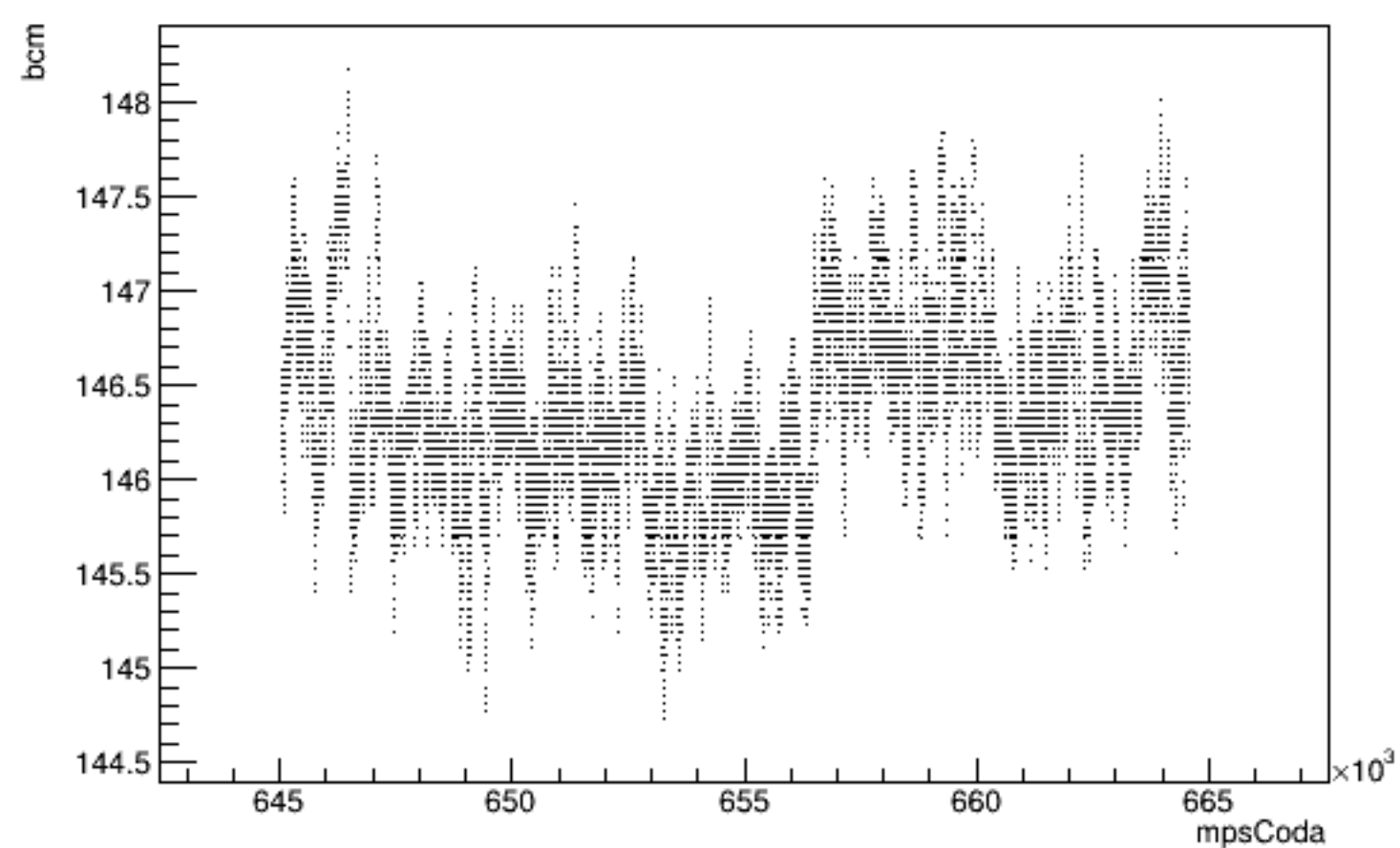
beamState + 1:mpsCoda {mpsCoda>=645049 && mpsCoda<=664580}



cavPowerCalibrated:mpsCoda {mpsCoda>=645049 && mpsCoda<=664580}



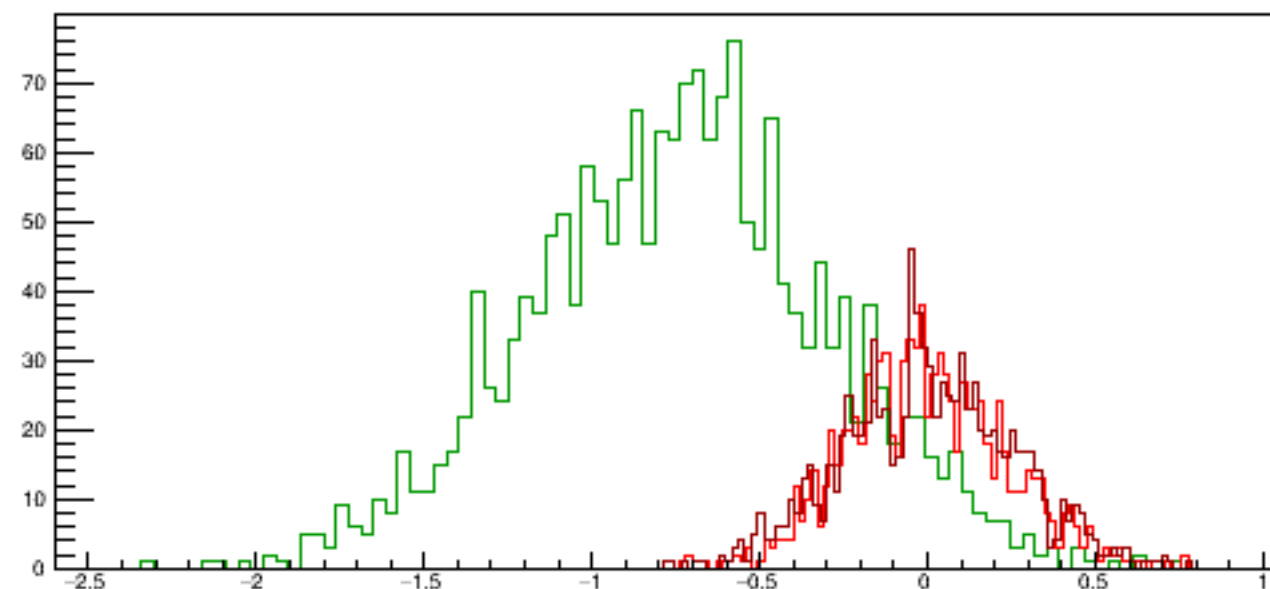
bcm:mpsCoda {mpsCoda>=645049 && mpsCoda<=664580}



Cycle 14, Diffs

Entries: 953	Entries: 1920	Entries: 951
Mean: -0.0036 +/- 0.0077	Mean: -0.7373 +/- 0.0102	Mean: -0.0013 +/- 0.0082
Std Dev: 0.2377 +/- 0.0054	Std Dev: 0.4450 +/- 0.0072	Std Dev: 0.2539 +/- 0.0058

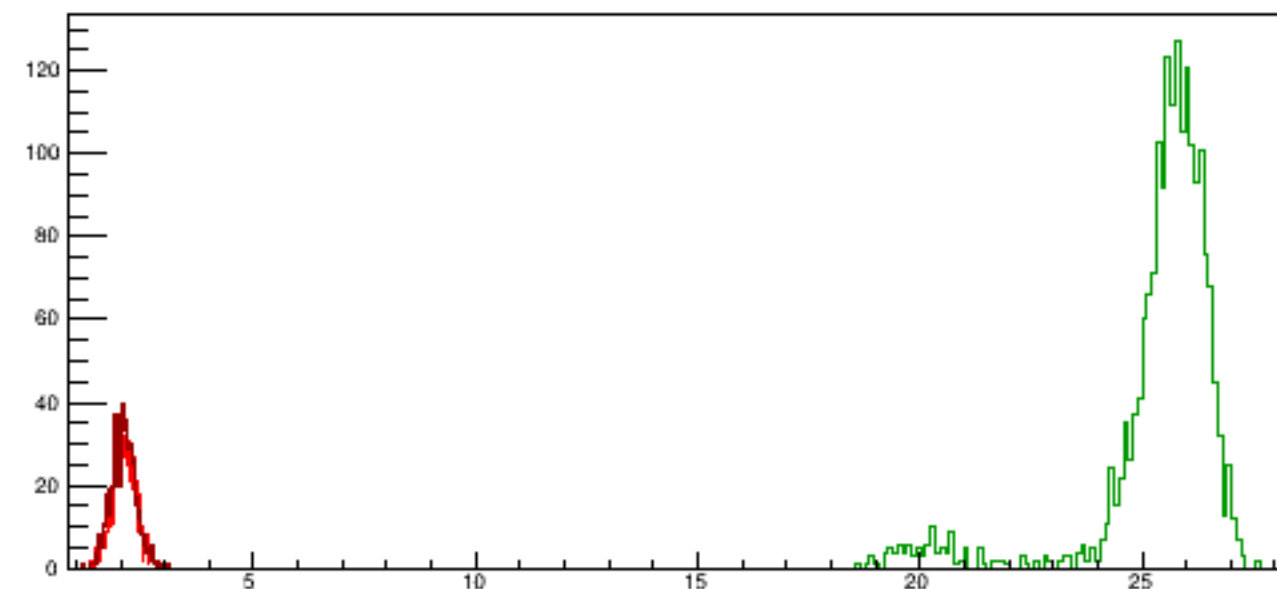
Run 5747 quartetwise, Diffs



Cycle 14, Sums

Entries: 953	Entries: 1920	Entries: 951
Mean: 2.1051 +/- 0.0090	Mean: 25.4057 +/- 0.0328	Mean: 2.0612 +/- 0.0090
Std Dev: 0.2792 +/- 0.0064	Std Dev: 1.4357 +/- 0.0232	Std Dev: 0.2768 +/- 0.0063

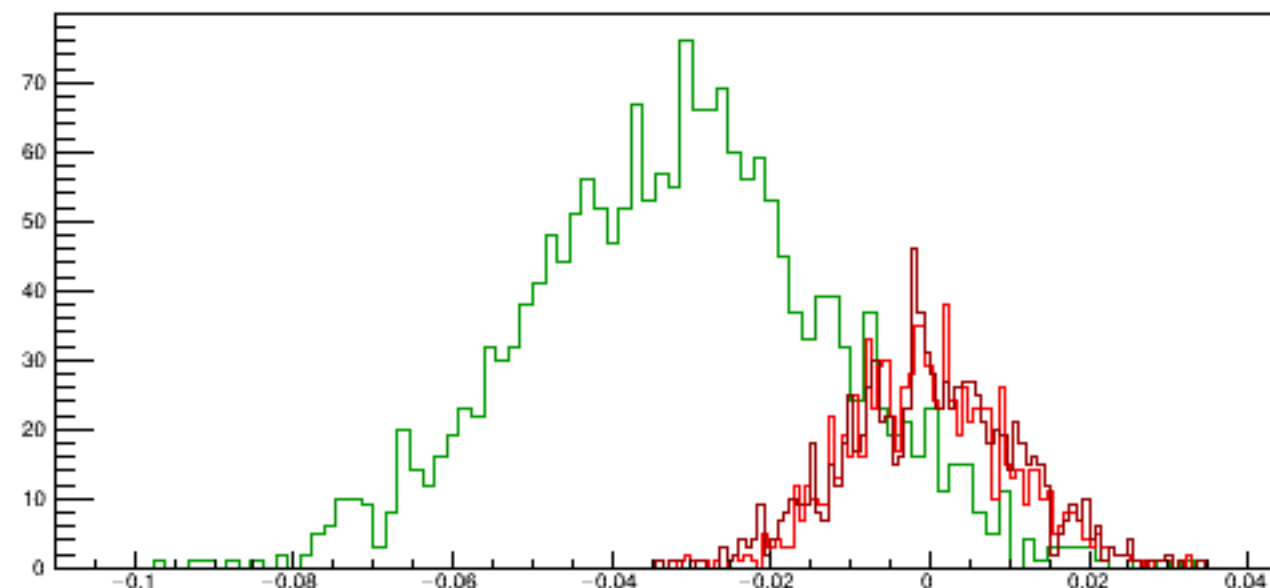
Run 5747 quartetwise, Sums



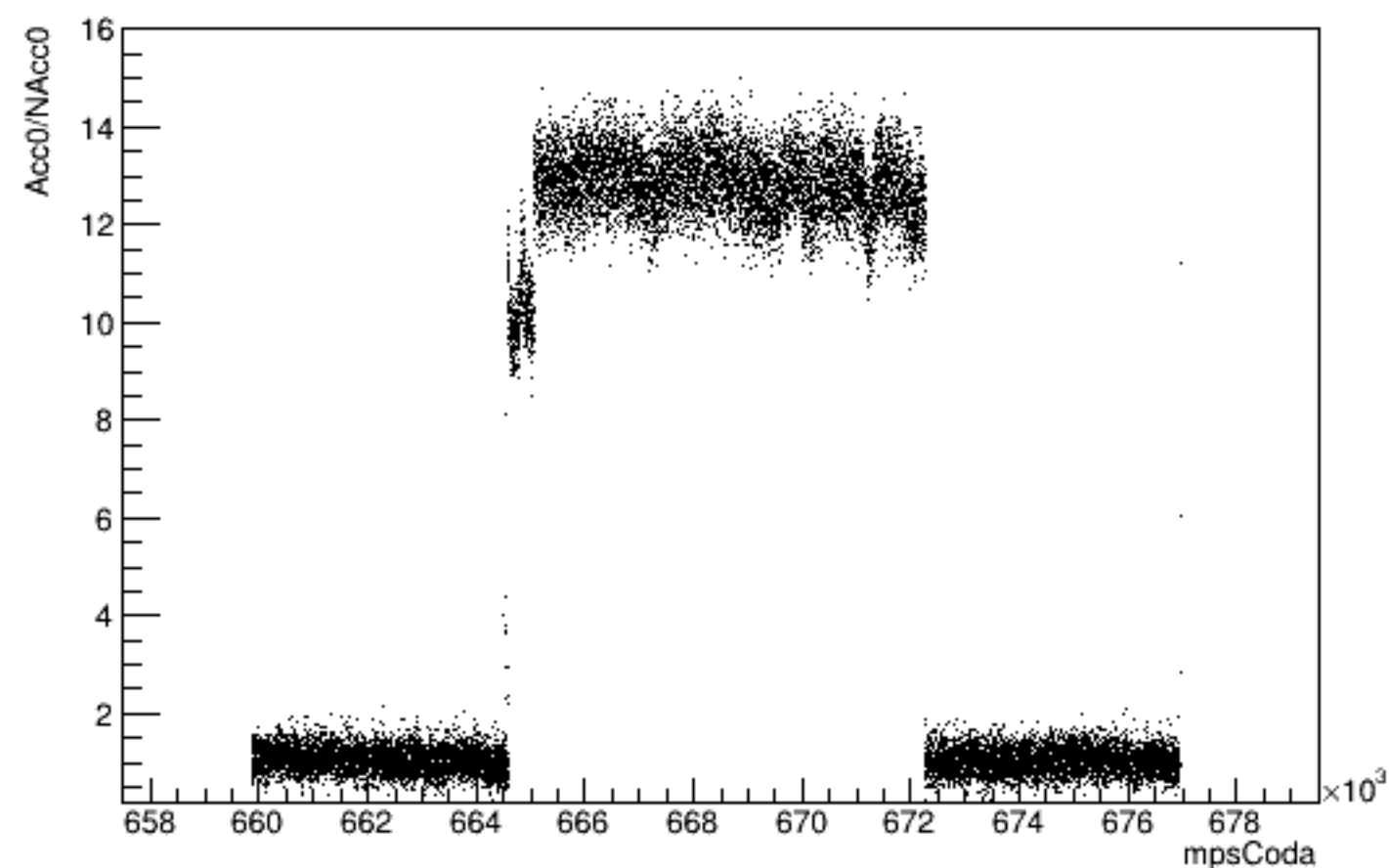
Cycle 14, Asyms

Entries: 953	Entries: 1920	Entries: 951
Mean: -0.0002 +/- 0.0003	Mean: -0.0316 +/- 0.0004	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0102 +/- 0.0002	Std Dev: 0.0190 +/- 0.0003	Std Dev: 0.0109 +/- 0.0002

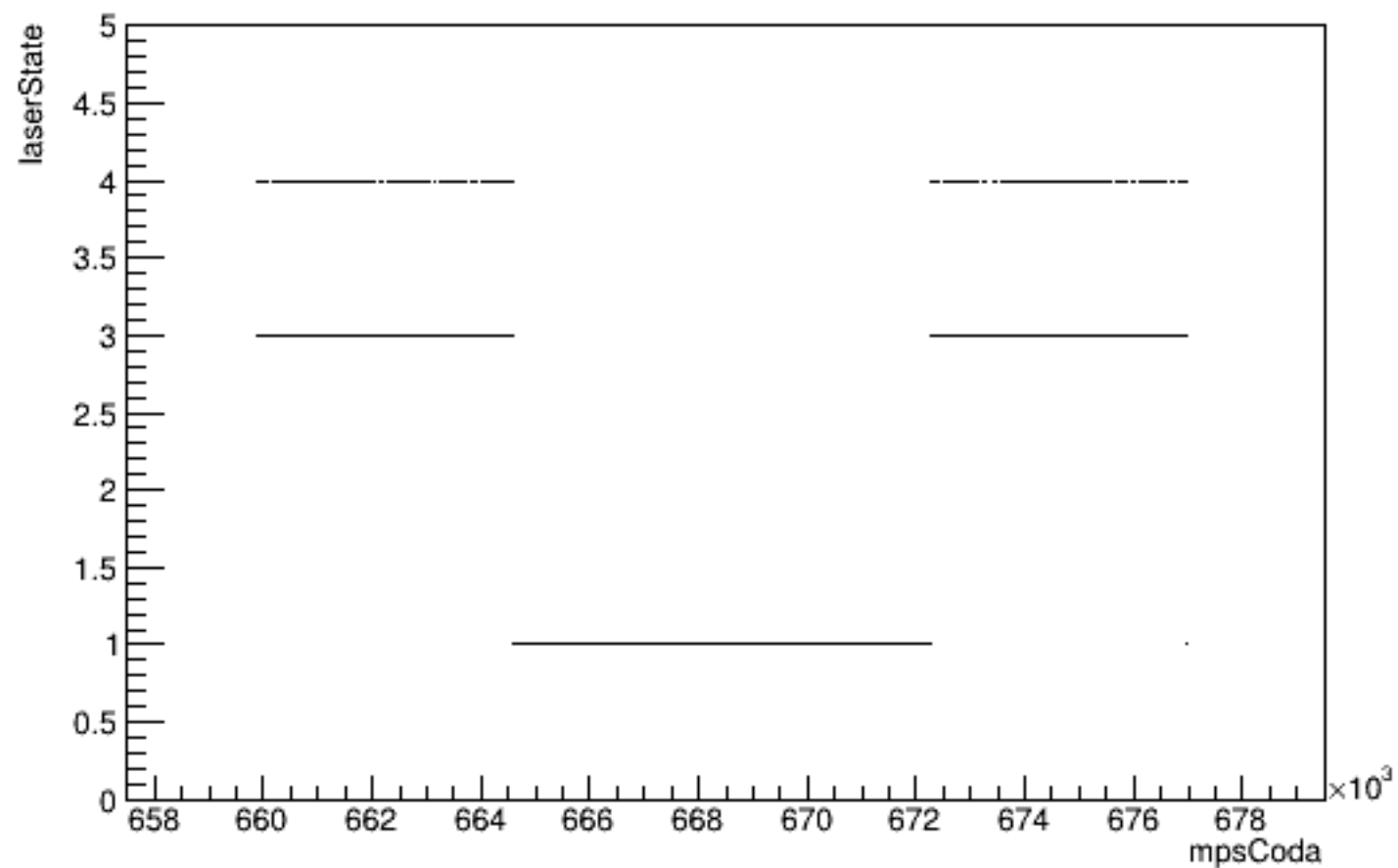
Run 5747 quartetwise, Asyms



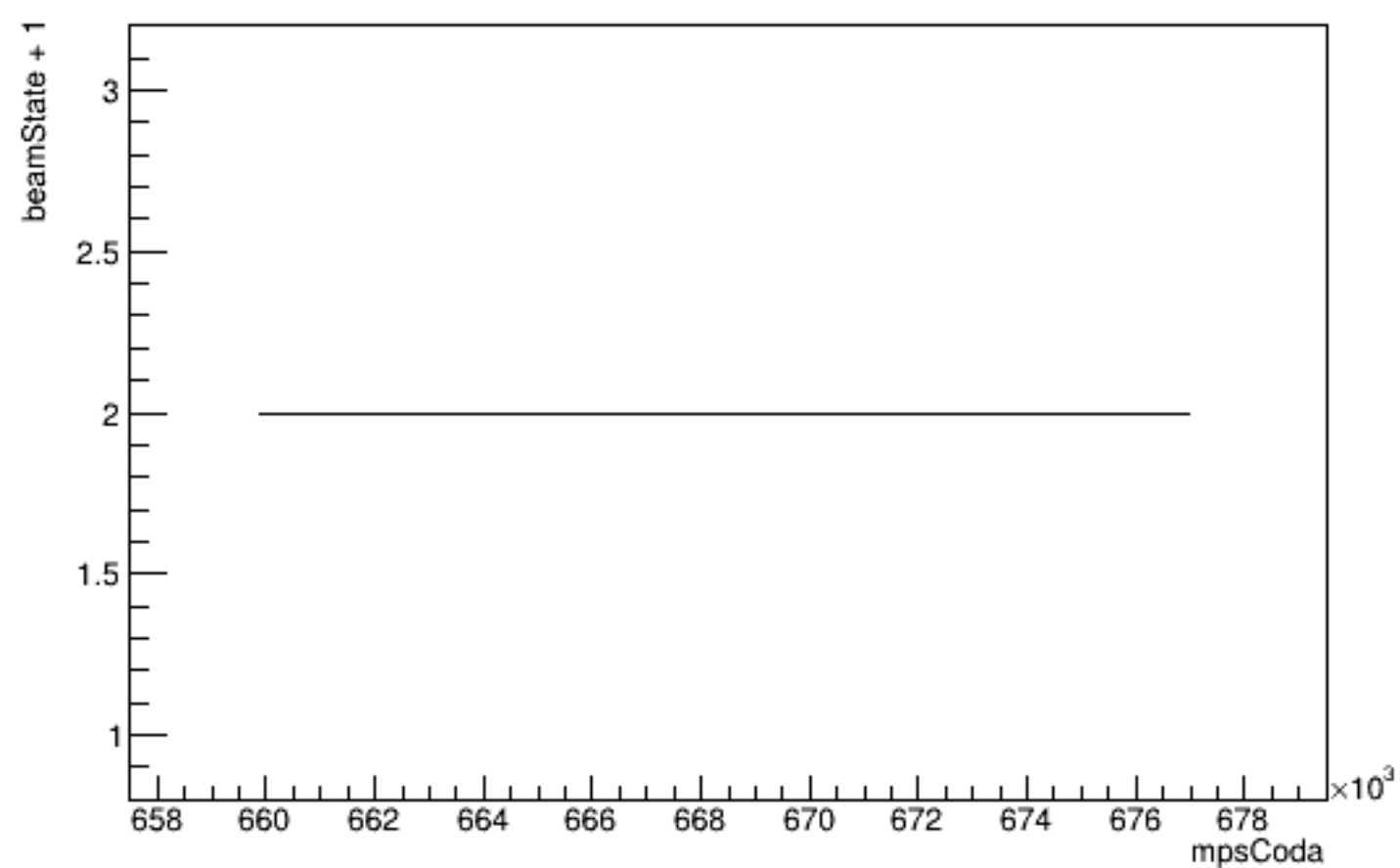
Acc0/NAcc0:mpsCoda (mpsCoda>=659869 && mpsCoda<=676956 && beamState==1)



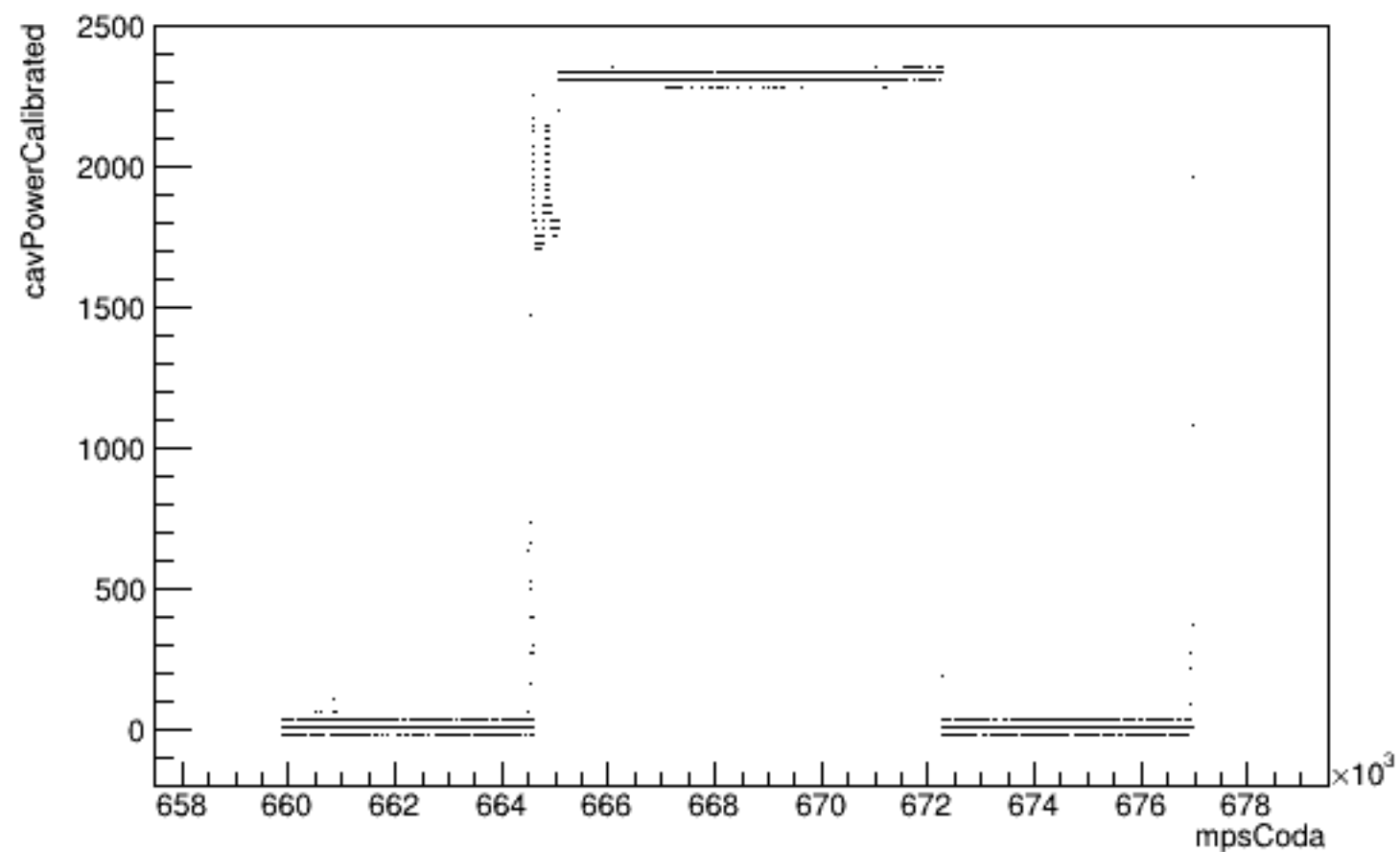
laserState:mpsCoda {mpsCoda>=659869 && mpsCoda<=676956}



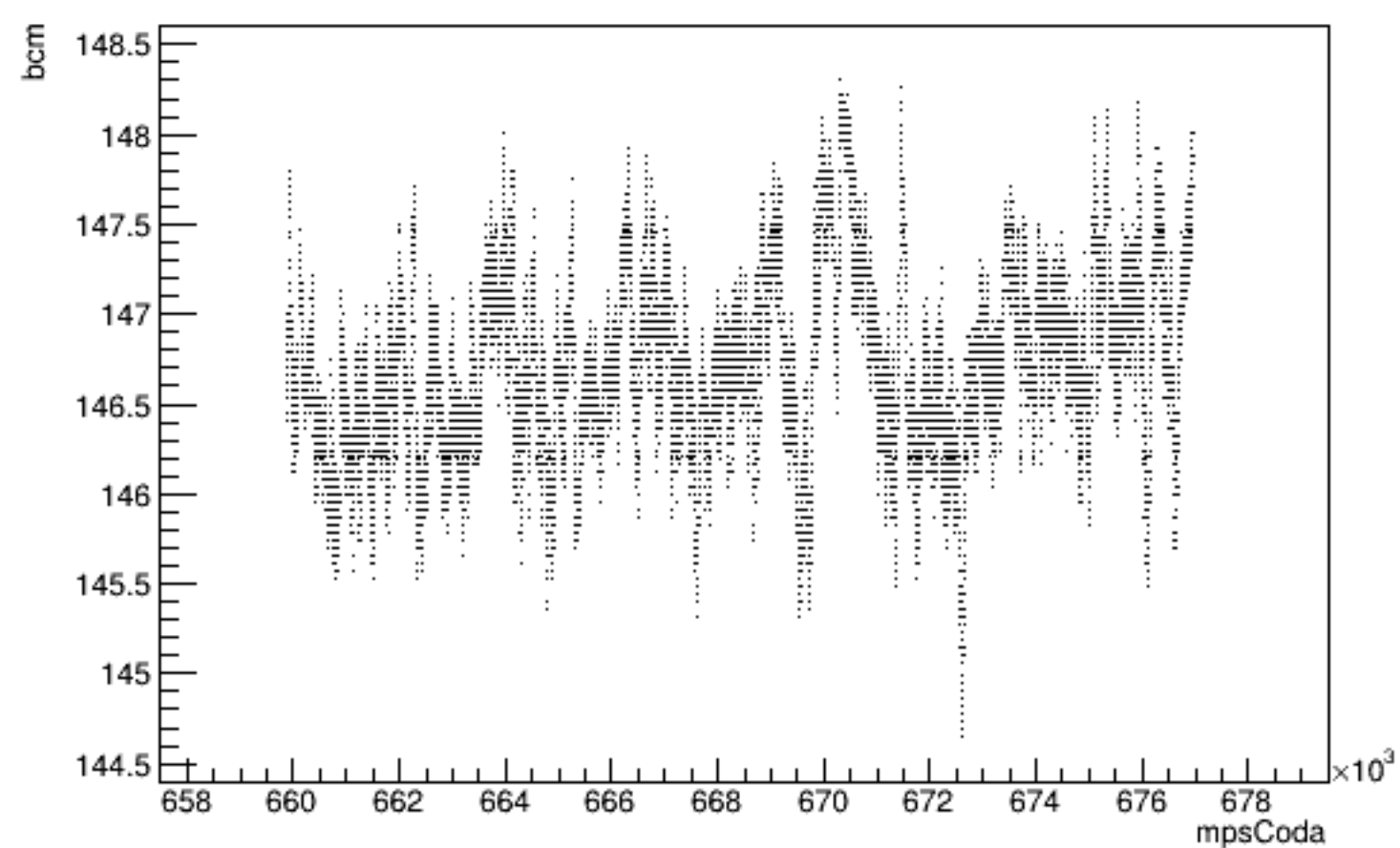
beamState + 1:mpsCoda {mpsCoda>=659869 && mpsCoda<=676956}



cavPowerCalibrated:mpsCoda {mpsCoda>=659869 && mpsCoda<=676956}



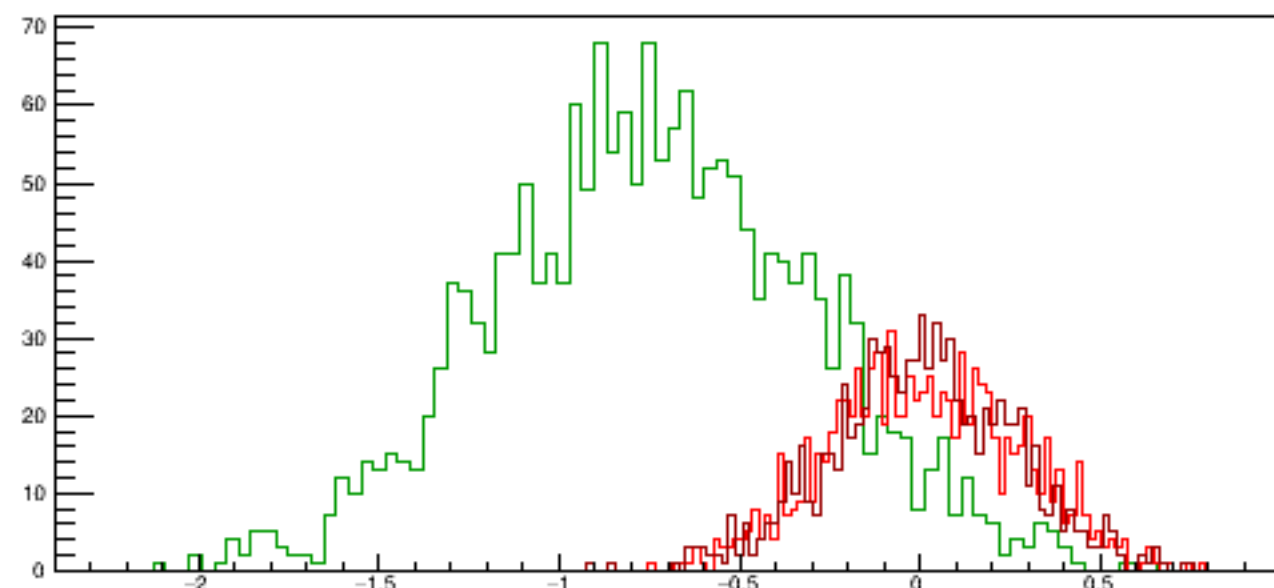
bcm:mpsCoda {mpsCoda>=659869 && mpsCoda<=676956}



Cycle 15, Diffs

Entries: 939	Entries: 1873	Entries: 878
Mean: 0.0089 +/- 0.0085	Mean: -0.7392 +/- 0.0102	Mean: 0.0032 +/- 0.0085
Std Dev: 0.2606 +/- 0.0060	Std Dev: 0.4410 +/- 0.0072	Std Dev: 0.2531 +/- 0.0060

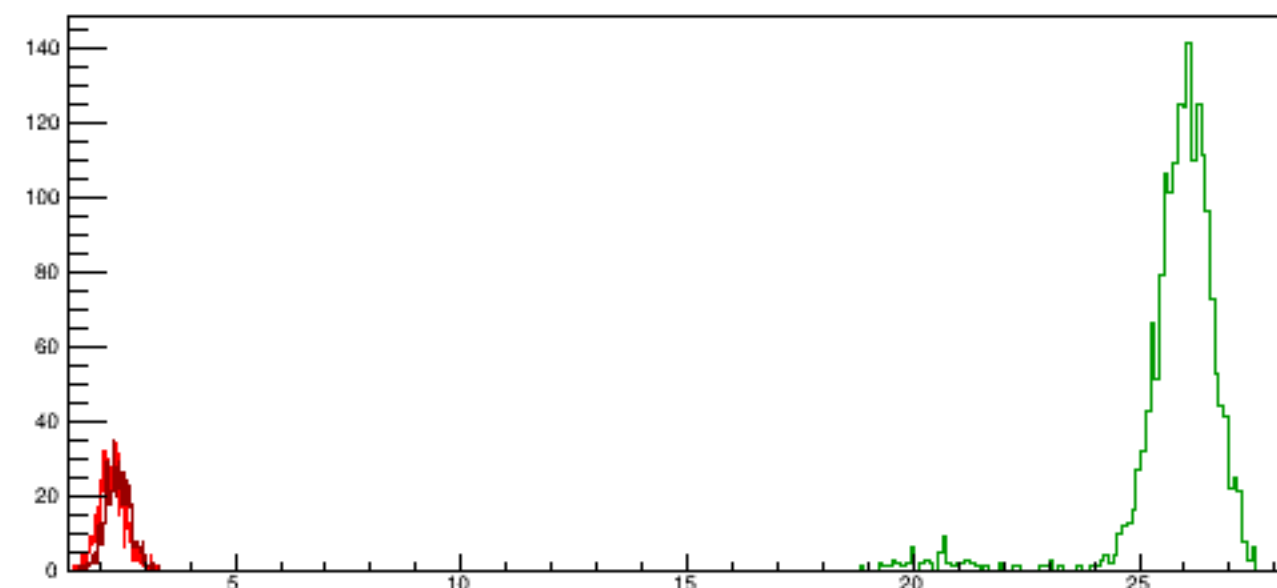
Run 5747 quartetwise, Diffs



Cycle 15, Sums

Entries: 939	Entries: 1873	Entries: 878
Mean: 2.2889 +/- 0.0096	Mean: 25.8304 +/- 0.0261	Mean: 2.4070 +/- 0.0092
Std Dev: 0.2928 +/- 0.0068	Std Dev: 1.1309 +/- 0.0185	Std Dev: 0.2729 +/- 0.0065

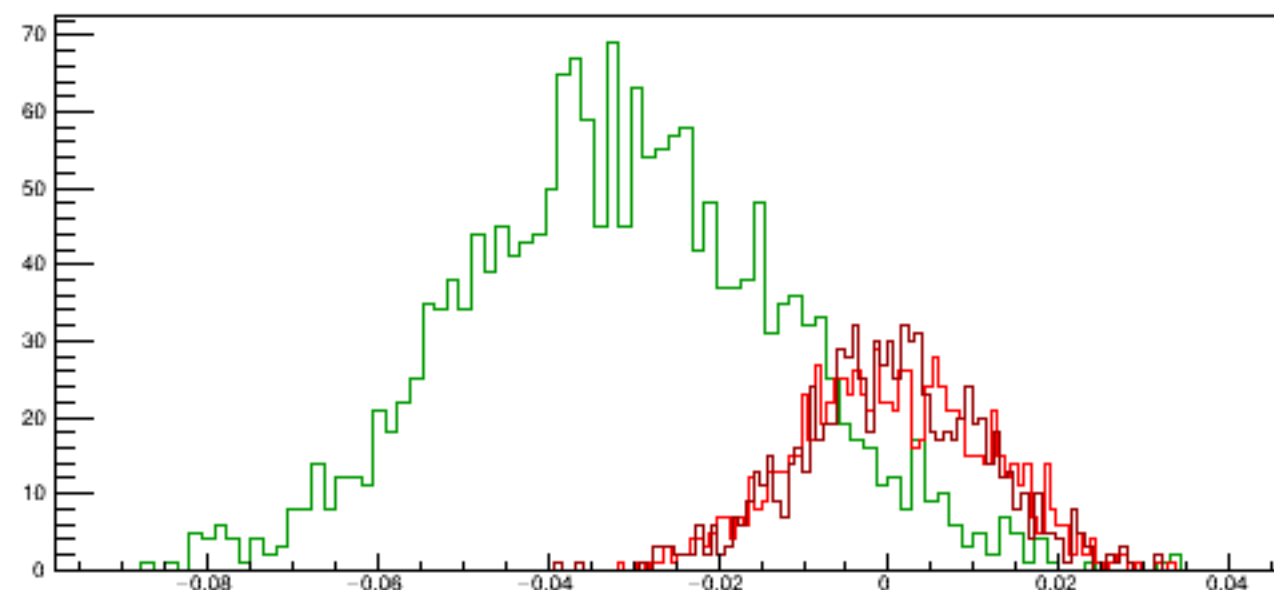
Run 5747 quartetwise, Sums



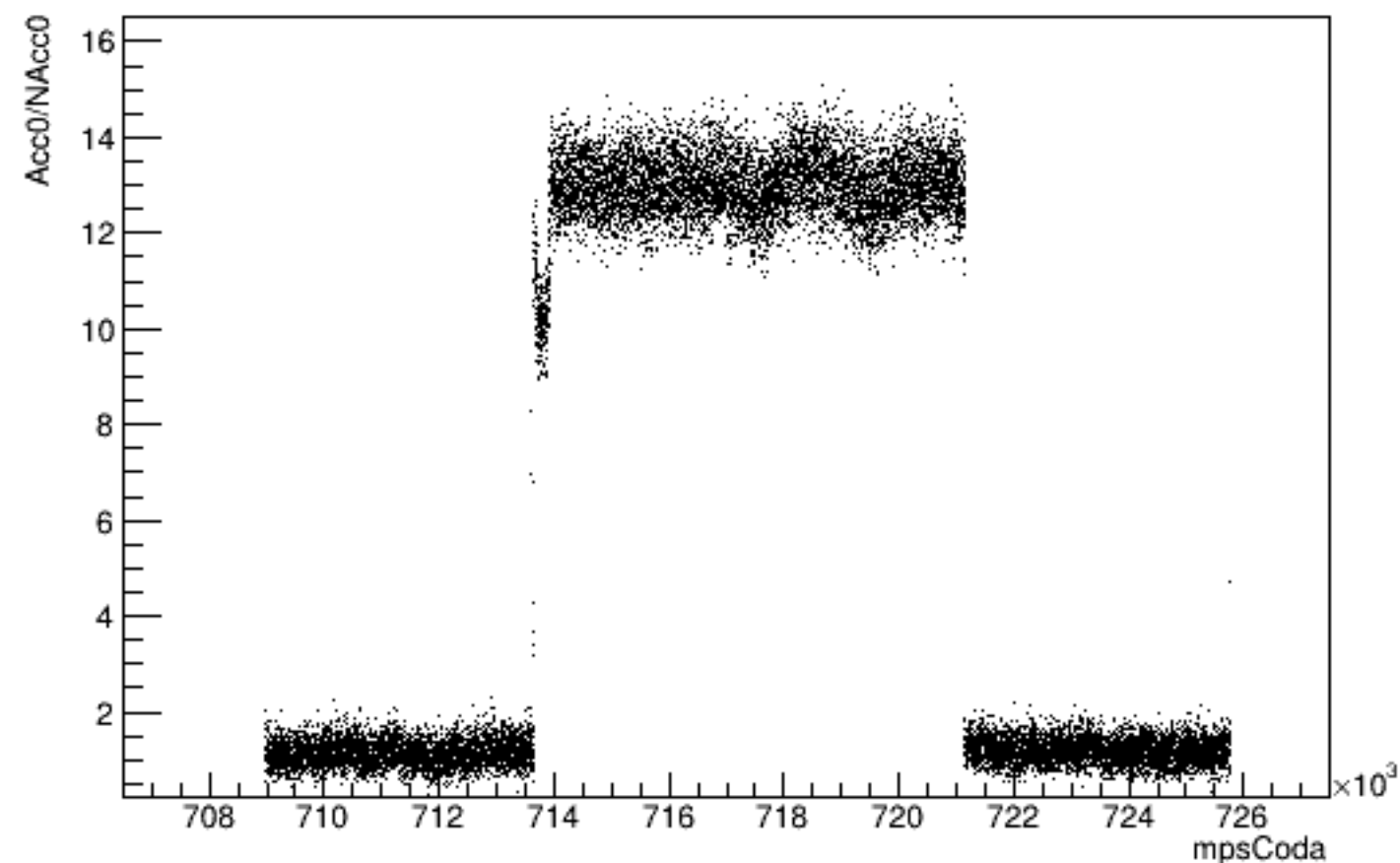
Cycle 15, Asyms

Entries: 939	Entries: 1873	Entries: 878
Mean: 0.0004 +/- 0.0004	Mean: -0.0314 +/- 0.0004	Mean: 0.0001 +/- 0.0004
Std Dev: 0.0111 +/- 0.0003	Std Dev: 0.0188 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

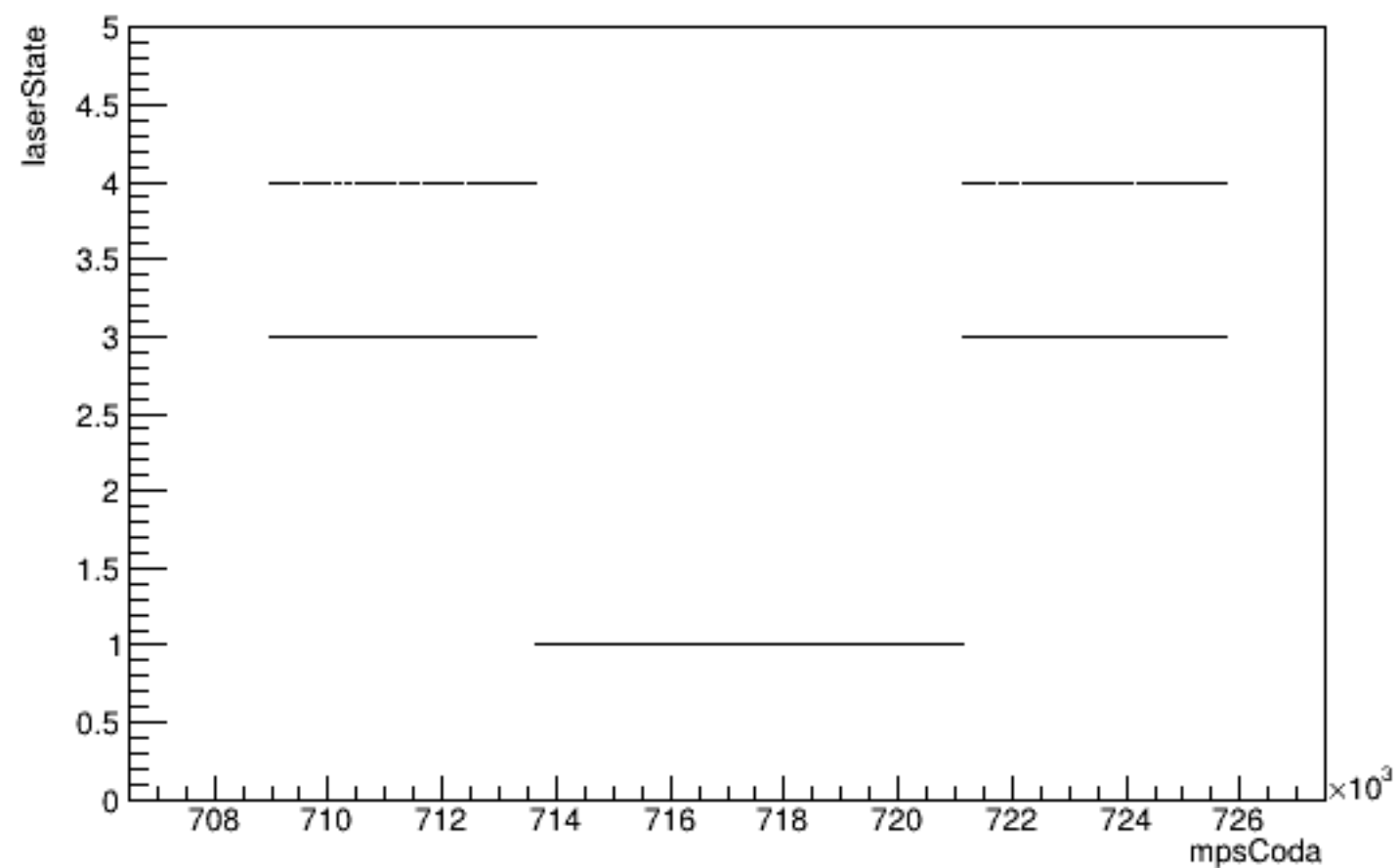
Run 5747 quartetwise, Asyms



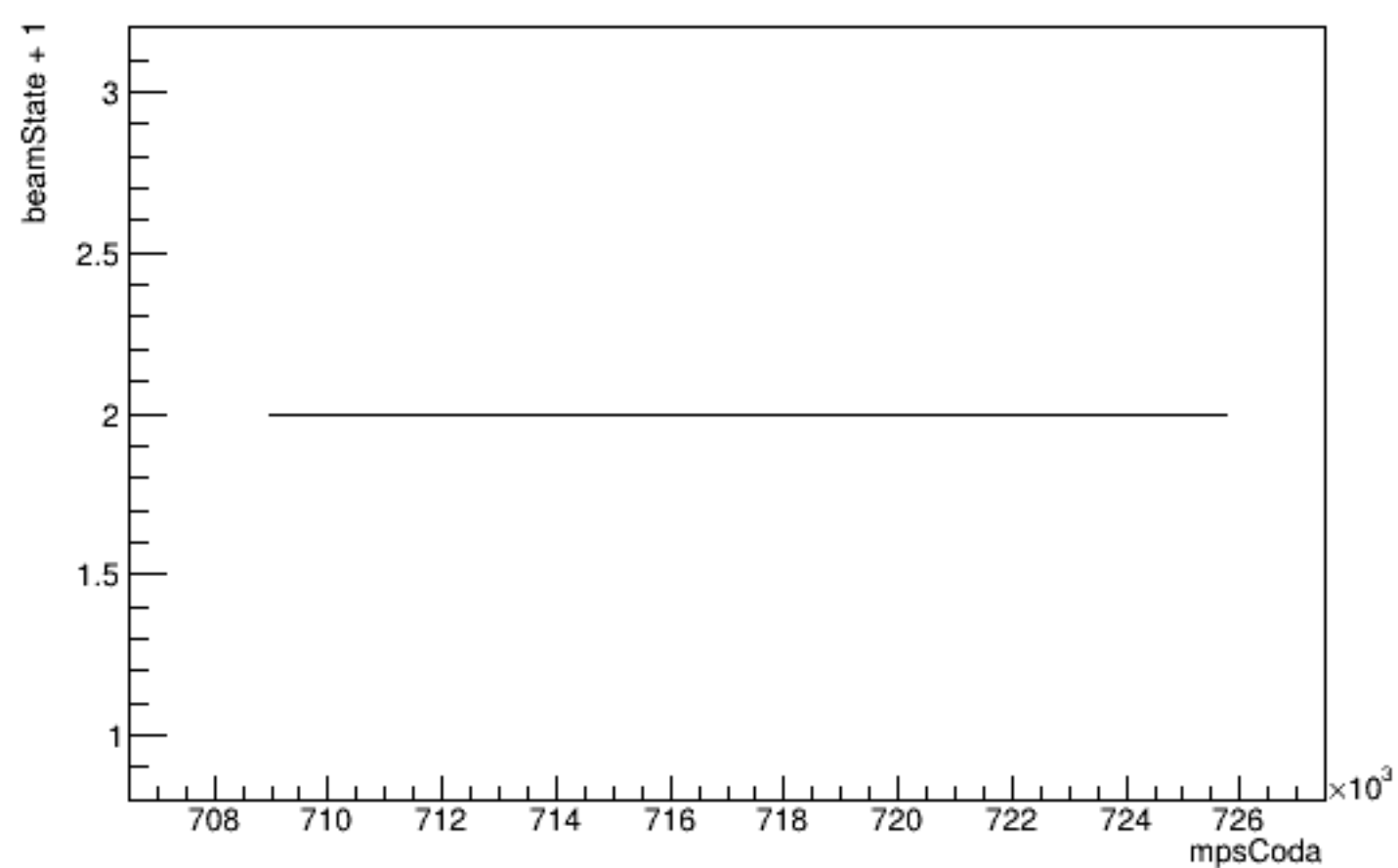
Acc0/NAcc0:mpsCoda (mpsCoda>=708981 && mpsCoda<=725772 && beamState==1)



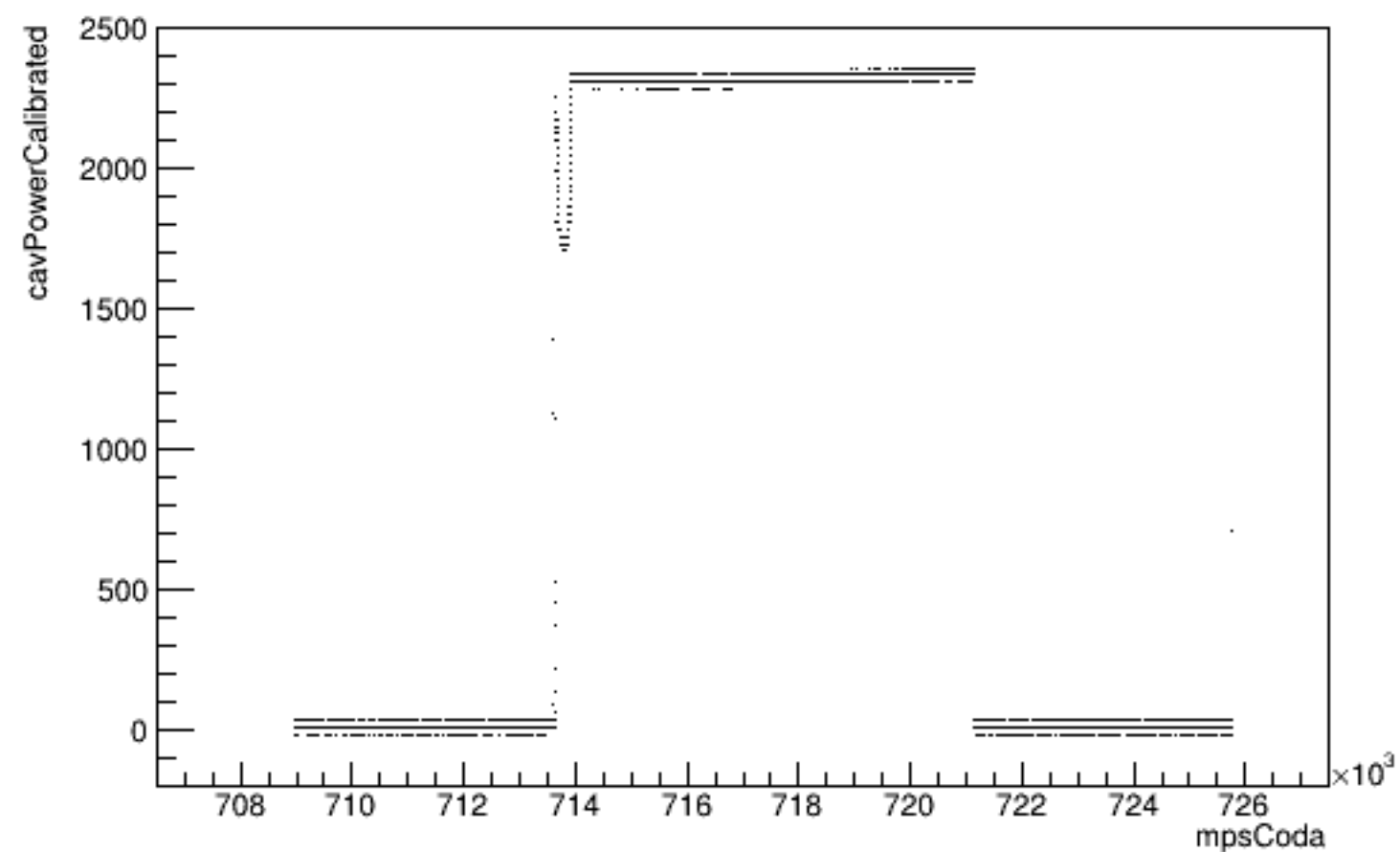
laserState:mpsCoda {mpsCoda>=708981 && mpsCoda<=725772}



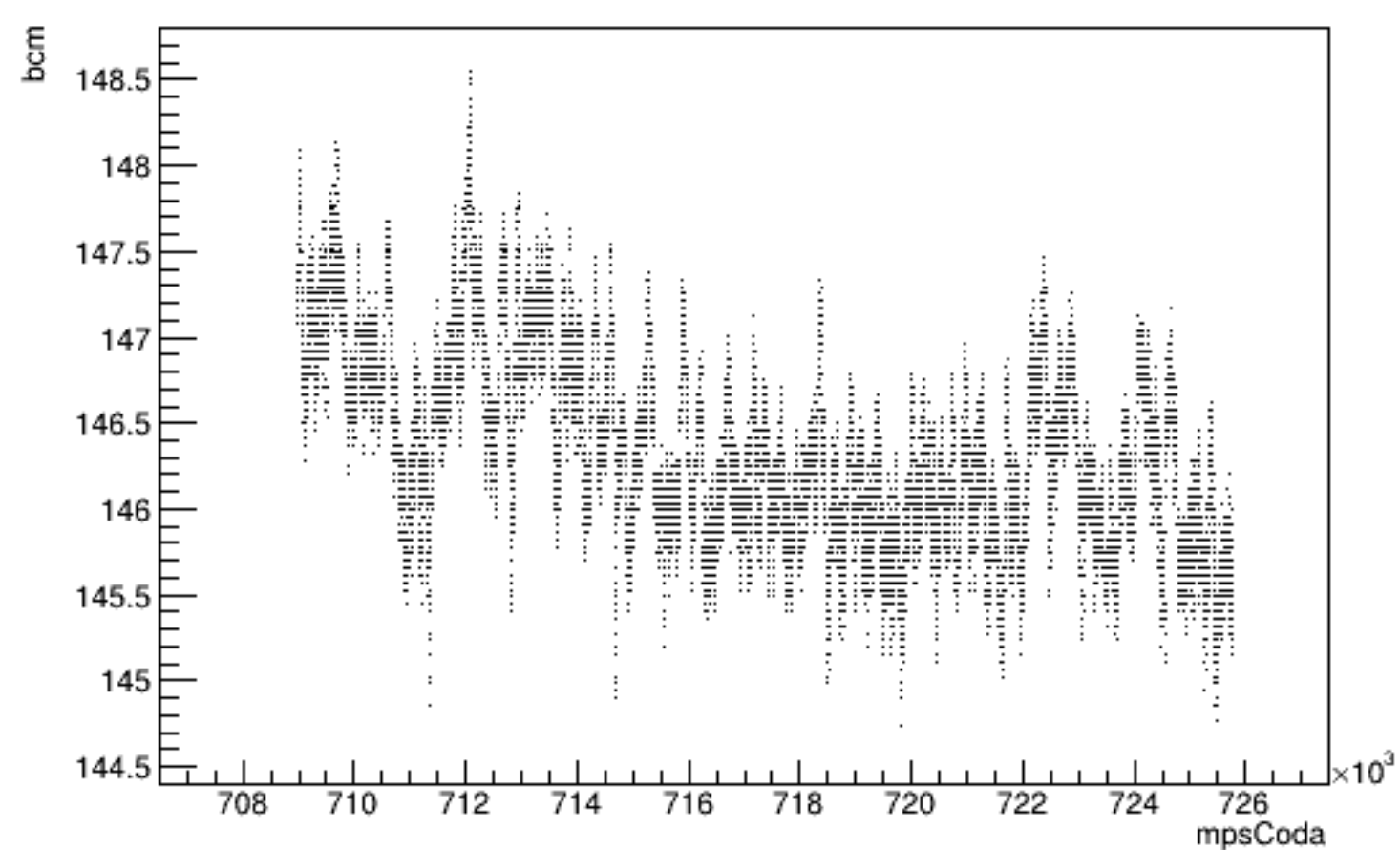
beamState + 1:mpsCoda {mpsCoda>=708981 && mpsCoda<=725772}



cavPowerCalibrated:mpsCoda {mpsCoda>=708981 && mpsCoda<=725772}



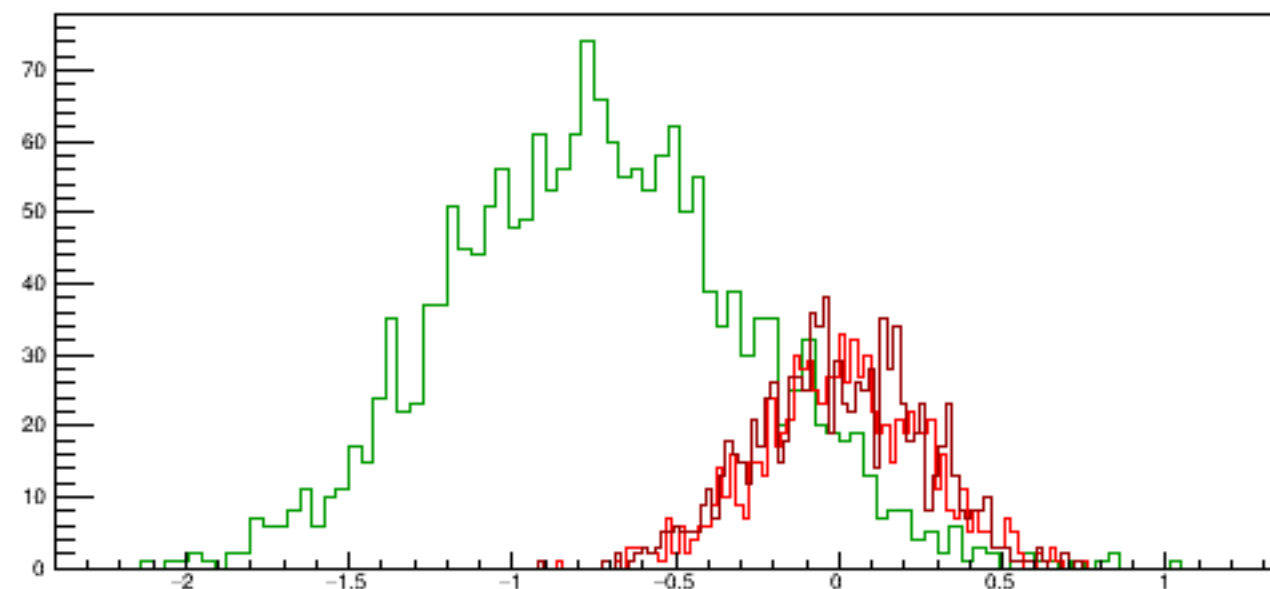
bcm:mpsCoda {mpsCoda>=708981 && mpsCoda<=725772}



Cycle 16, Diffs

Entries: 878	Entries: 1883	Entries: 956
Mean: 0.0032 +/- 0.0085	Mean: -0.7348 +/- 0.0105	Mean: -0.0058 +/- 0.0082
Std Dev: 0.2531 +/- 0.0060	Std Dev: 0.4551 +/- 0.0074	Std Dev: 0.2528 +/- 0.0058

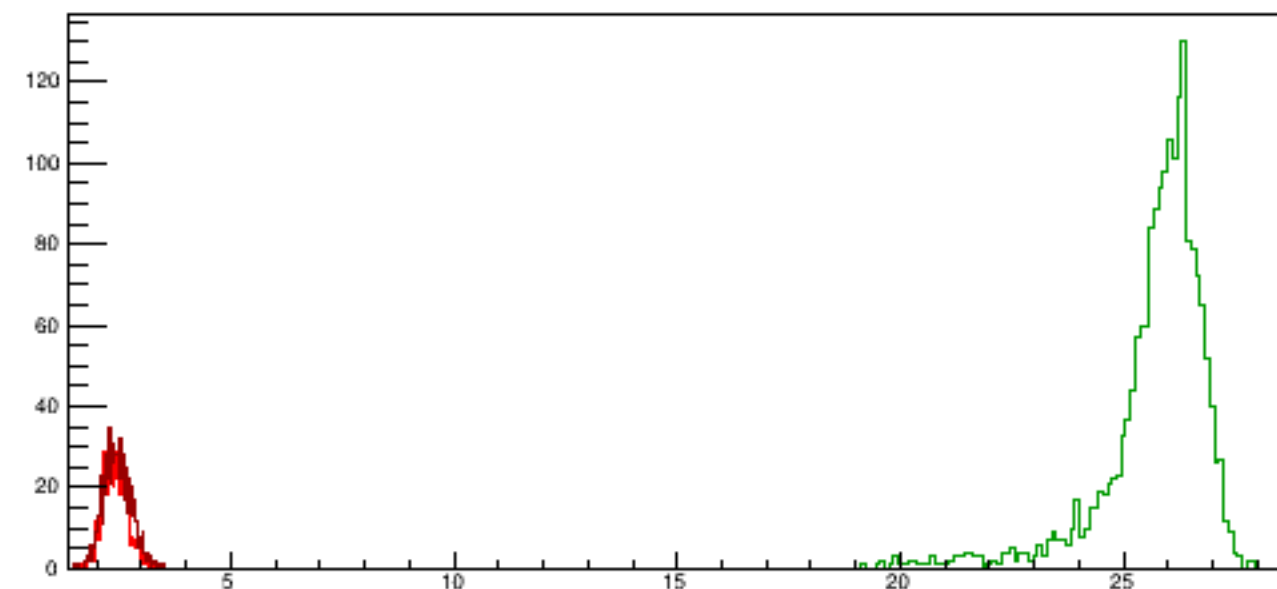
Run 5747 quartetwise, Diffs



Cycle 16, Sums

Entries: 878	Entries: 1883	Entries: 956
Mean: 2.4070 +/- 0.0092	Mean: 25.7118 +/- 0.0276	Mean: 2.4546 +/- 0.0099
Std Dev: 0.2729 +/- 0.0065	Std Dev: 1.1960 +/- 0.0195	Std Dev: 0.3051 +/- 0.0070

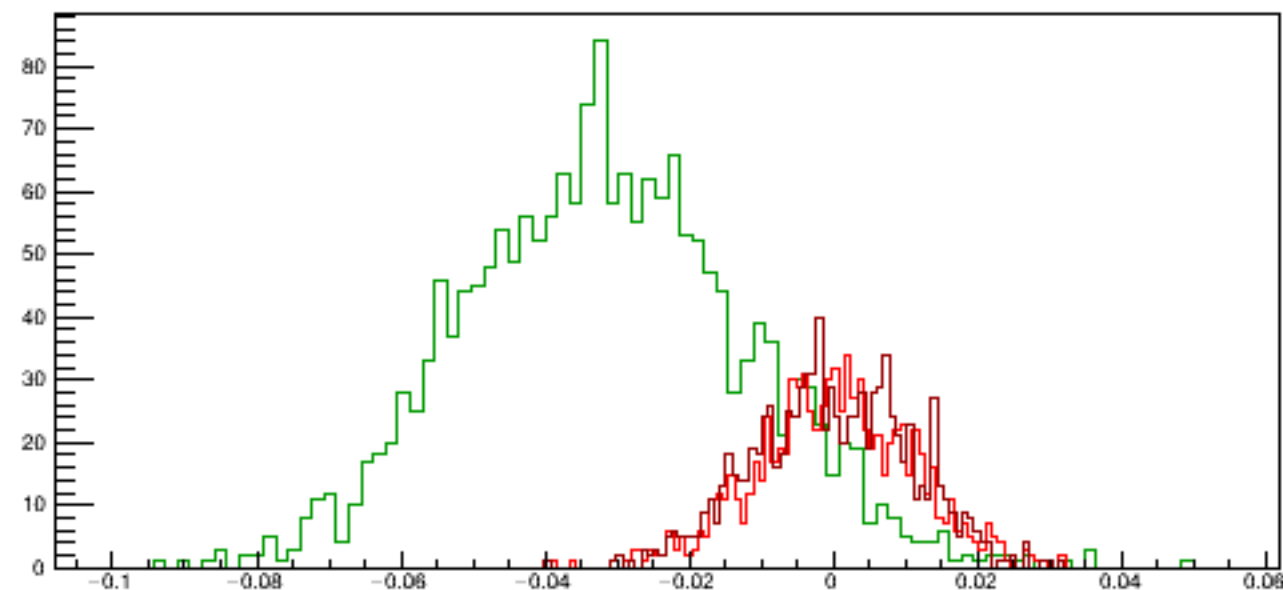
Run 5747 quartetwise, Sums



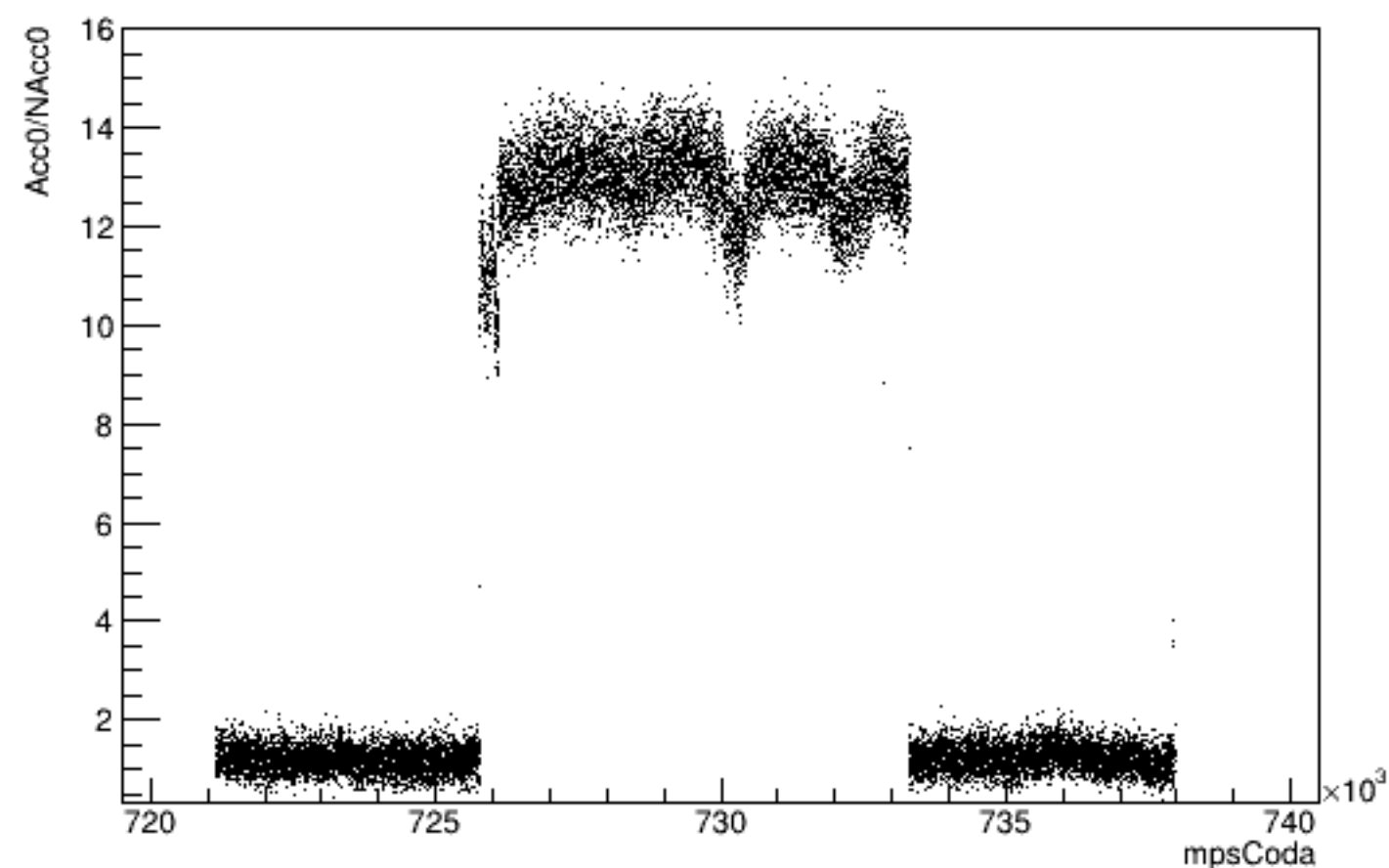
Cycle 16, Asyms

Entries: 878	Entries: 1883	Entries: 956
Mean: 0.0001 +/- 0.0004	Mean: -0.0316 +/- 0.0005	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0109 +/- 0.0003	Std Dev: 0.0196 +/- 0.0003	Std Dev: 0.0109 +/- 0.0002

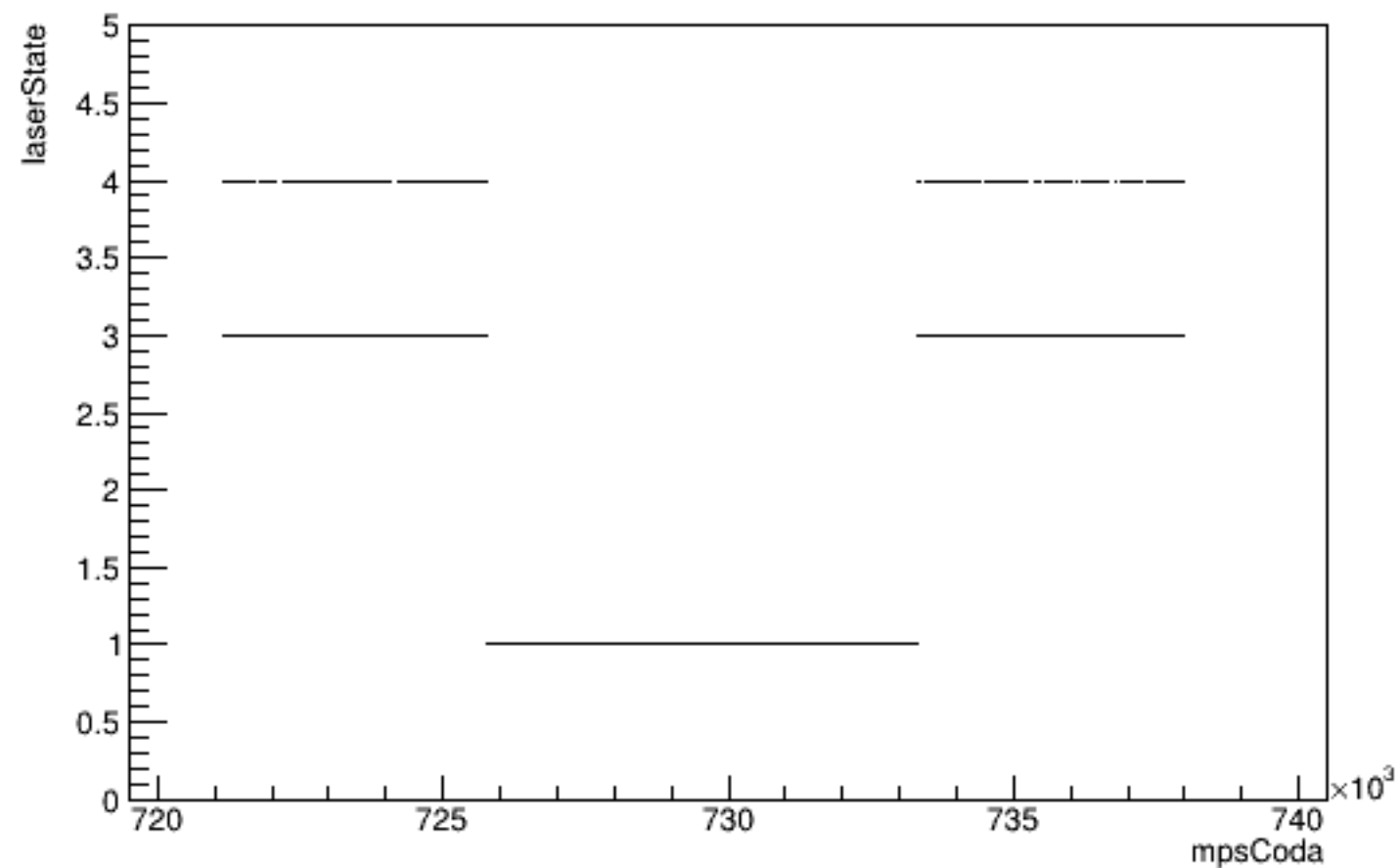
Run 5747 quartetwise, Asyms



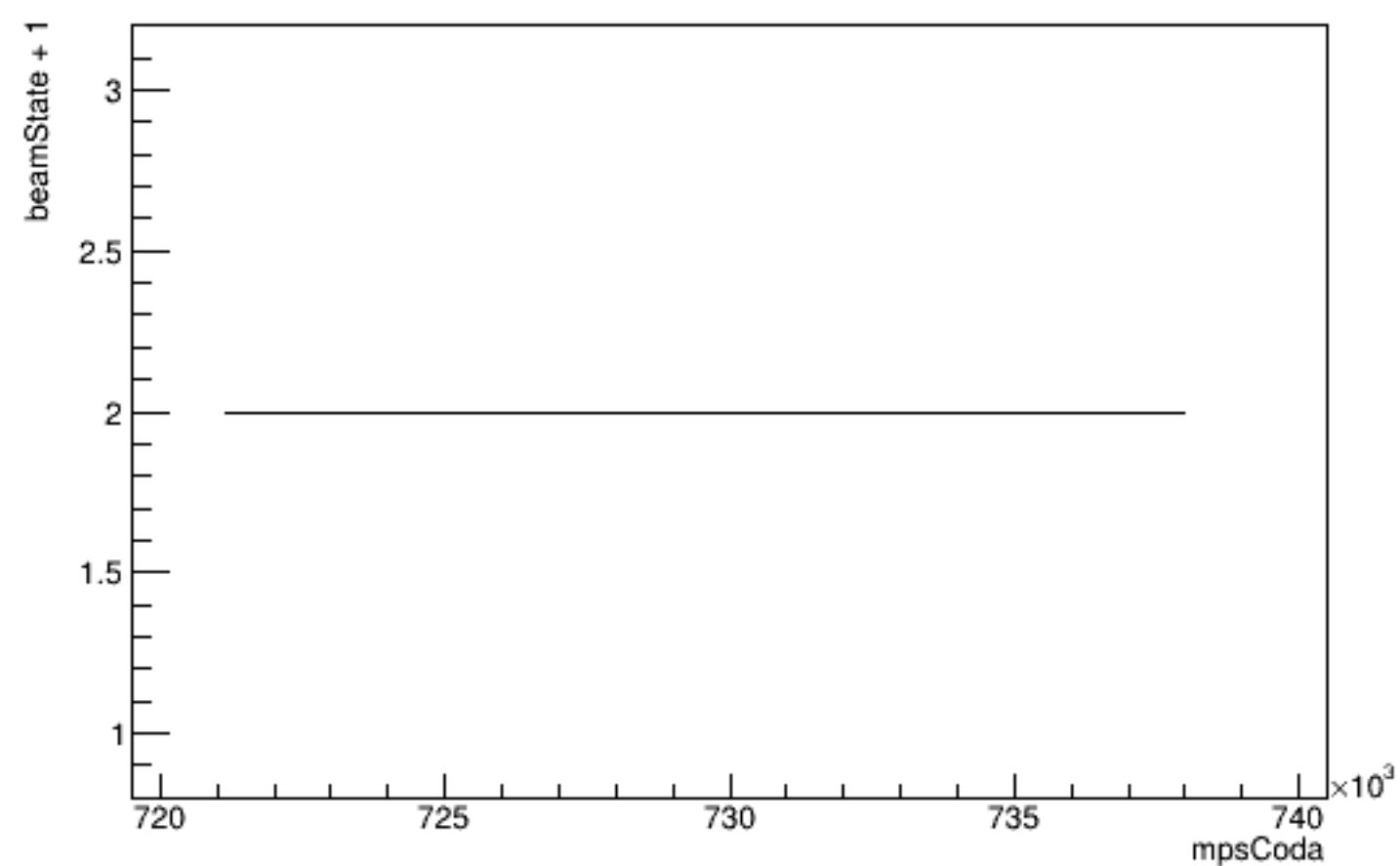
Acc0/NAcc0:mpsCoda (mpsCoda>=721149 && mpsCoda<=737964 && beamState==1)



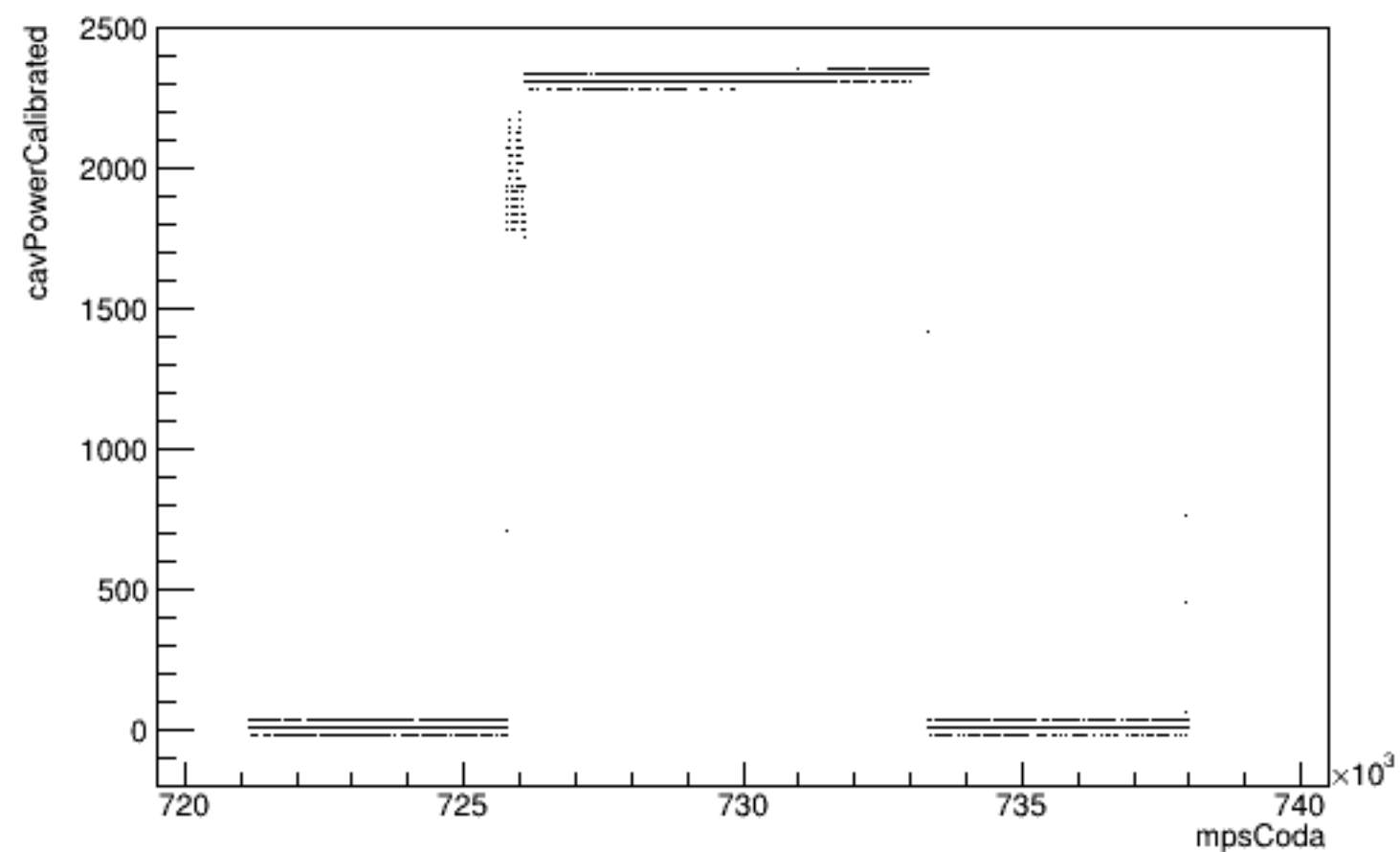
laserState:mpsCoda {mpsCoda>=721149 && mpsCoda<=737964}



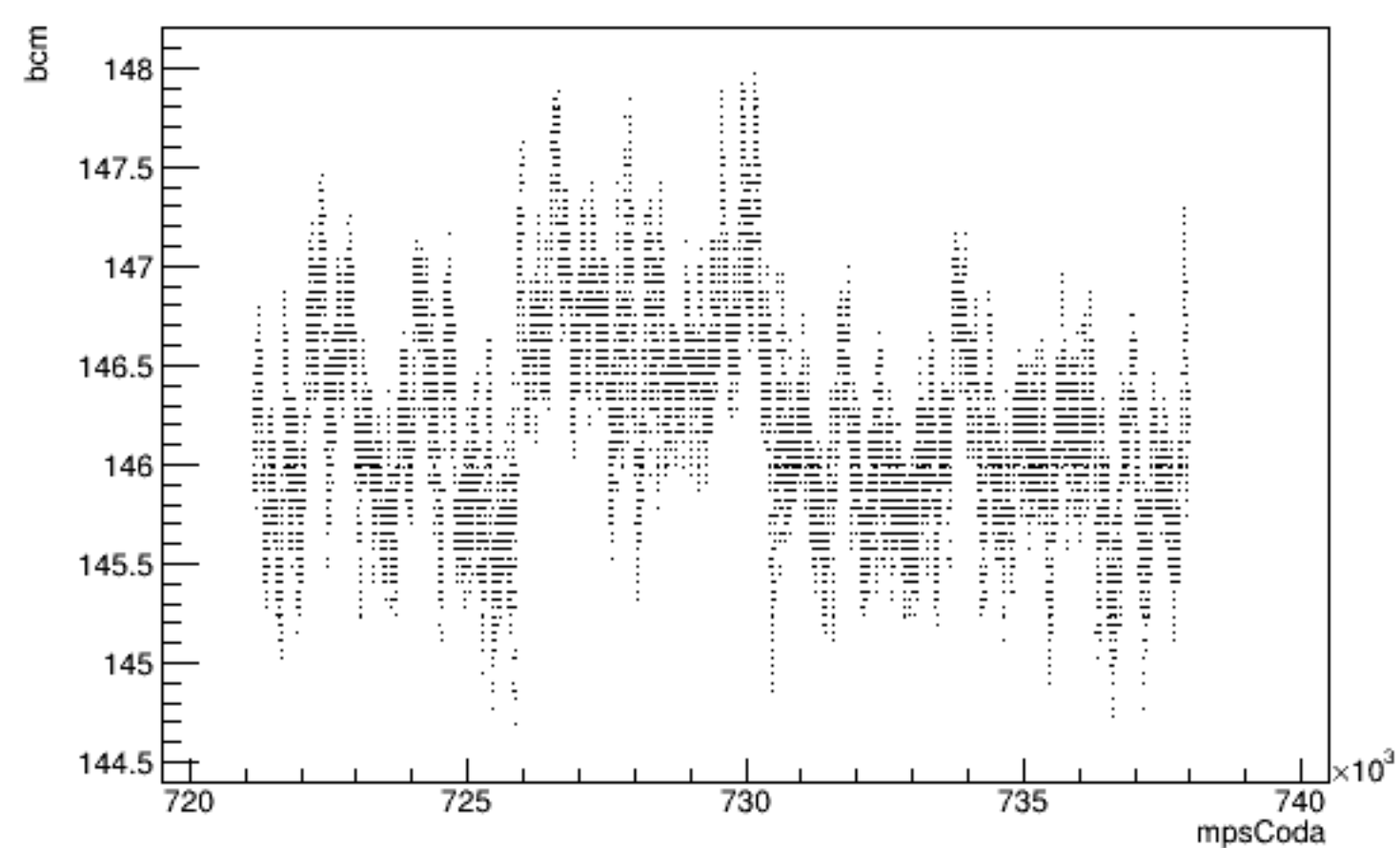
beamState + 1:mpsCoda {mpsCoda>=721149 && mpsCoda<=737964}



cavPowerCalibrated:mpsCoda {mpsCoda>=721149 && mpsCoda<=737964}



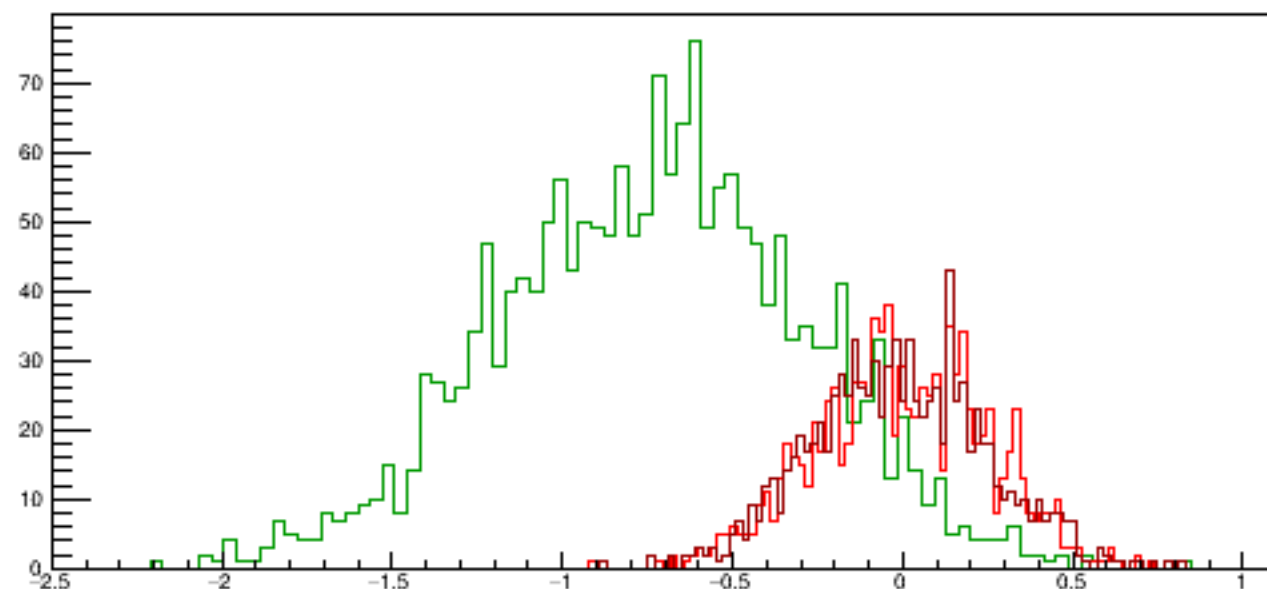
bcm:mpsCoda {mpsCoda>=721149 && mpsCoda<=737964}



Cycle 17, Diffs

Entries: 956	Entries: 1875	Entries: 945
Mean: -0.0058 +/- 0.0082	Mean: -0.7346 +/- 0.0104	Mean: -0.0127 +/- 0.0083
Std Dev: 0.2528 +/- 0.0058	Std Dev: 0.4510 +/- 0.0074	Std Dev: 0.2562 +/- 0.0059

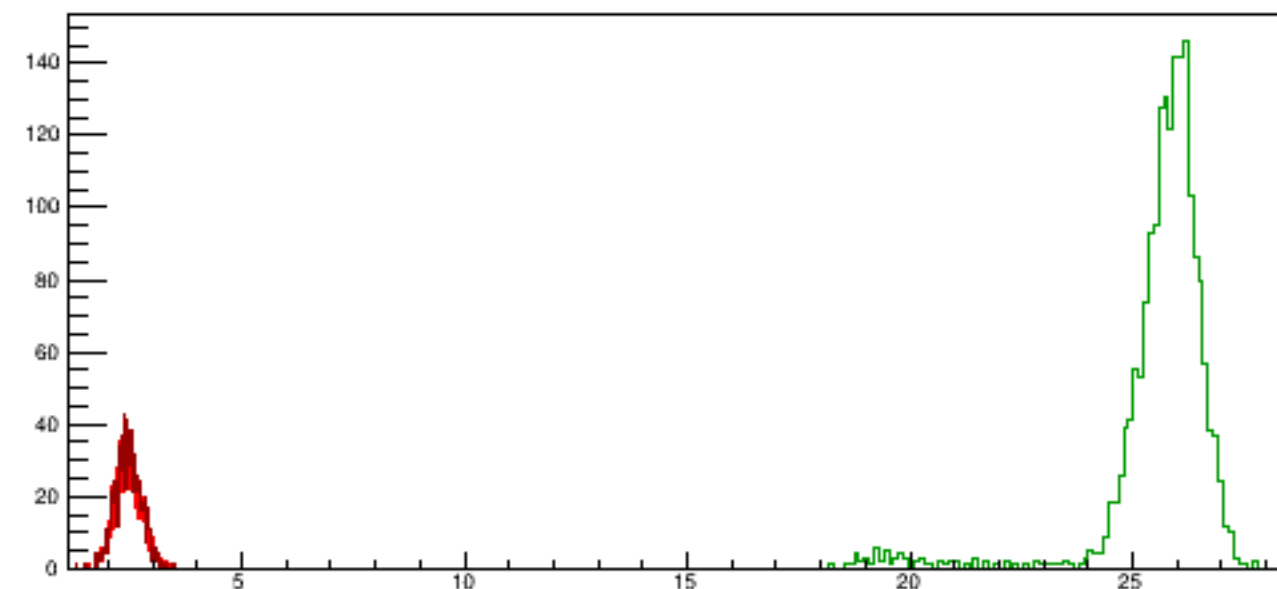
Run 5747 quartetwise, Diffs



Cycle 17, Sums

Entries: 956	Entries: 1875	Entries: 945
Mean: 2.4546 +/- 0.0099	Mean: 25.6473 +/- 0.0283	Mean: 2.4596 +/- 0.0093
Std Dev: 0.3051 +/- 0.0070	Std Dev: 1.2233 +/- 0.0200	Std Dev: 0.2854 +/- 0.0066

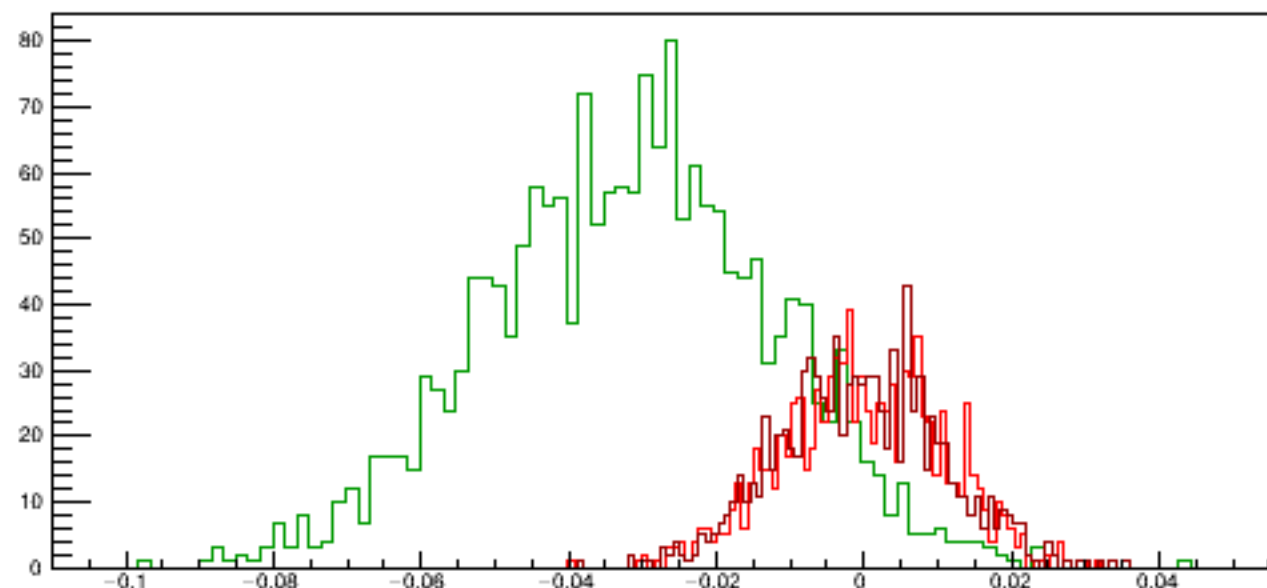
Run 5747 quartetwise, Sums



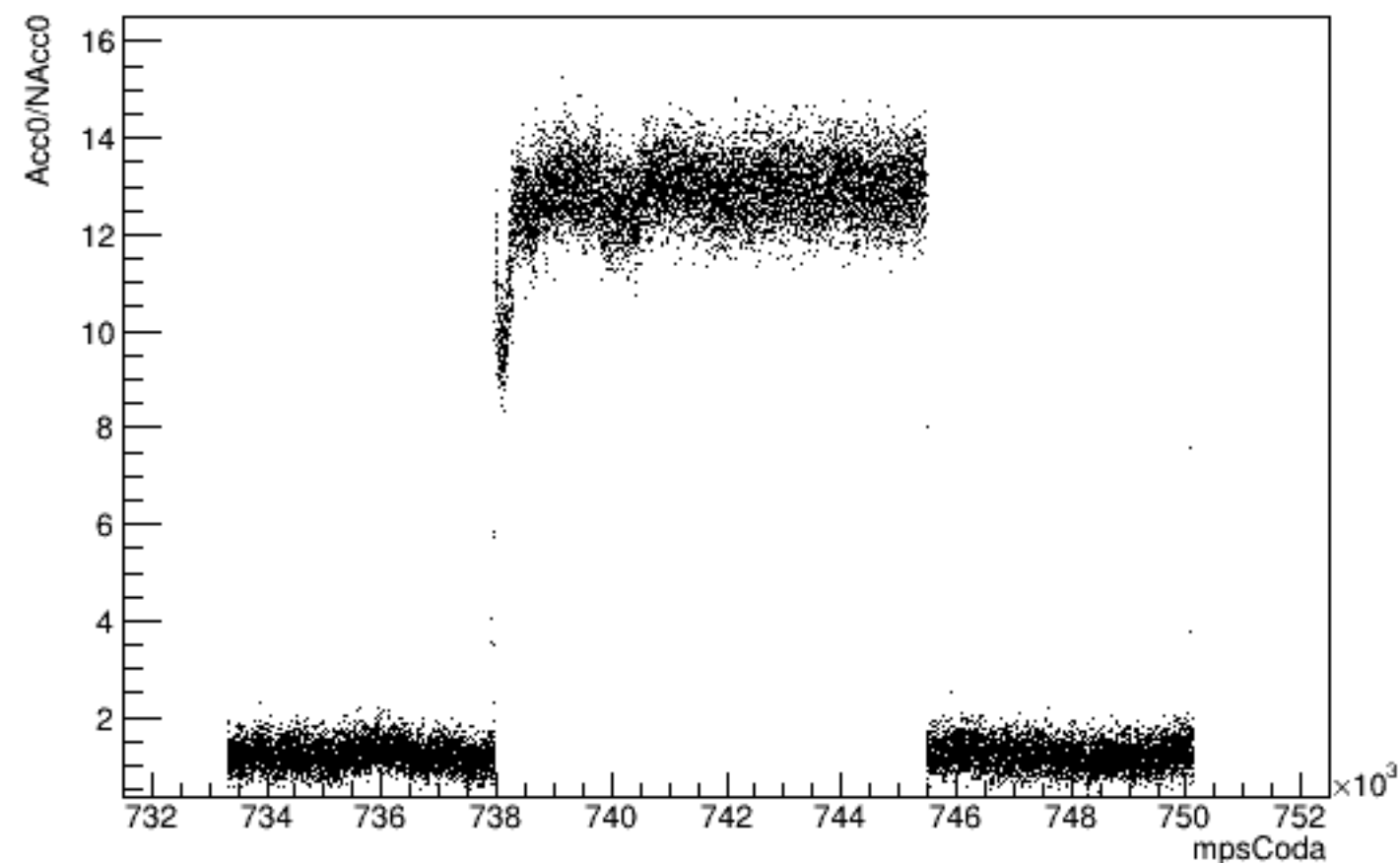
Cycle 17, Asyms

Entries: 956	Entries: 1875	Entries: 945
Mean: -0.0002 +/- 0.0004	Mean: -0.0317 +/- 0.0004	Mean: -0.0005 +/- 0.0004
Std Dev: 0.0109 +/- 0.0002	Std Dev: 0.0194 +/- 0.0003	Std Dev: 0.0110 +/- 0.0003

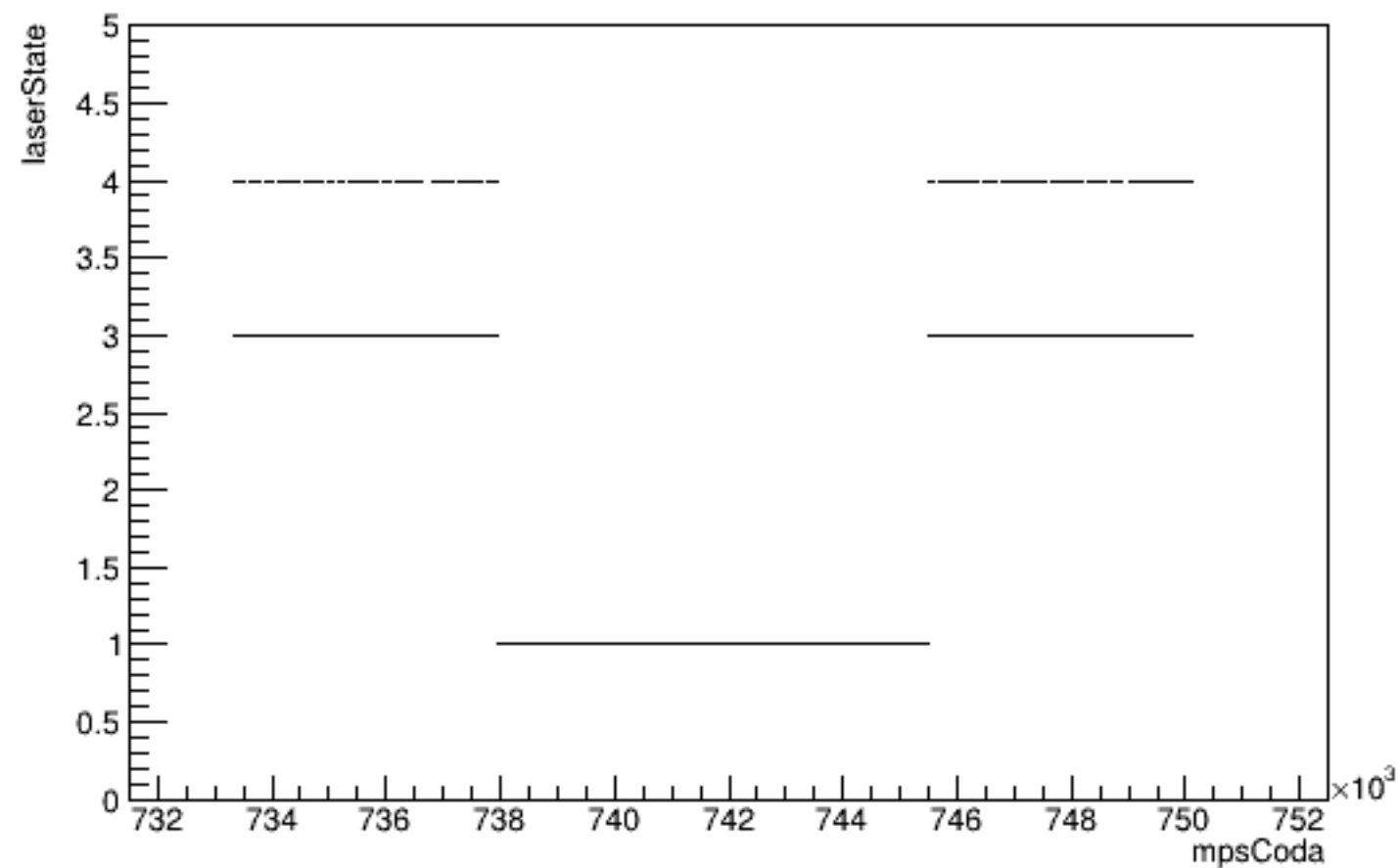
Run 5747 quartetwise, Asyms



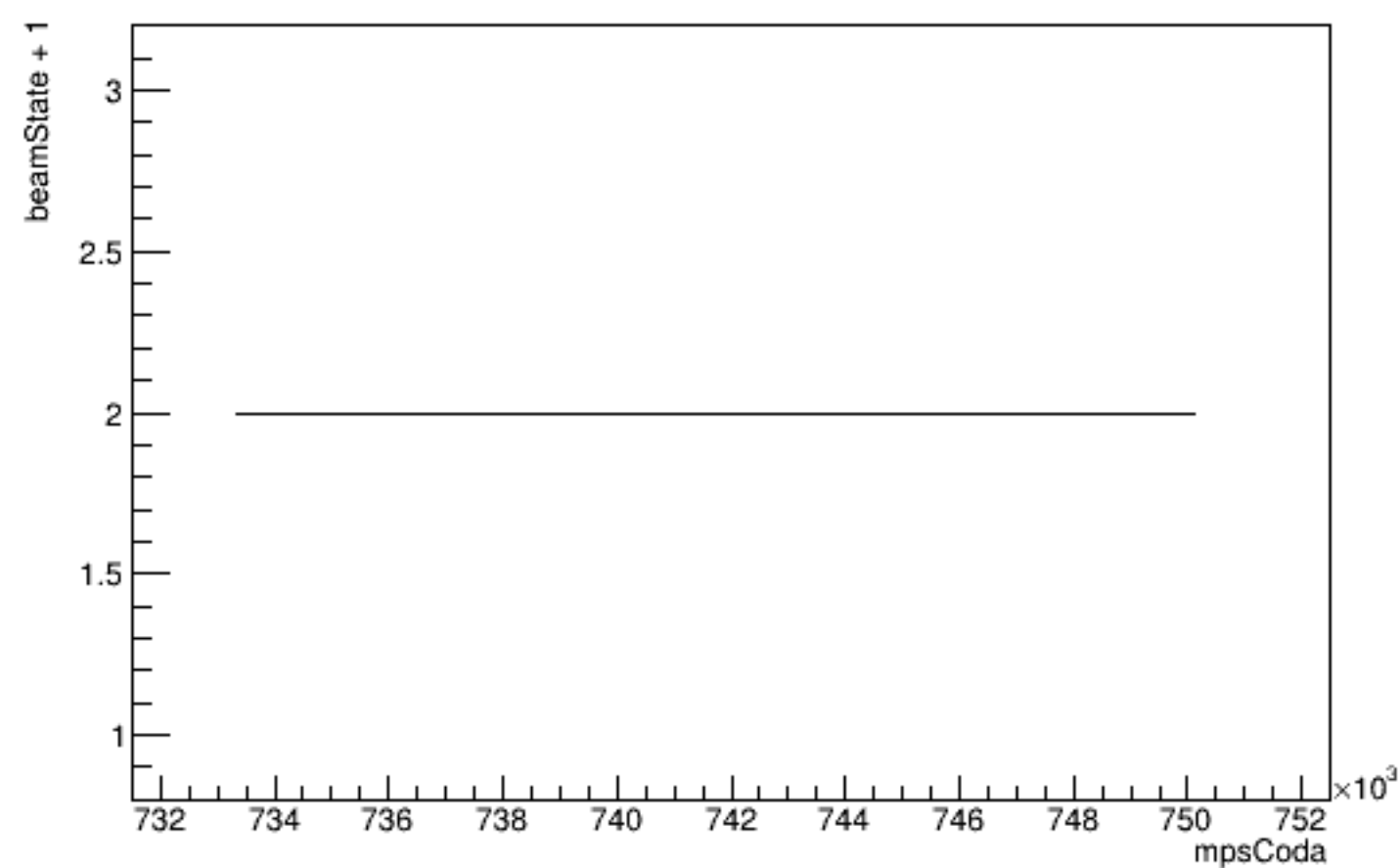
Acc0/NAcc0:mpsCoda (mpsCoda>=733313 && mpsCoda<=750120 && beamState==1)



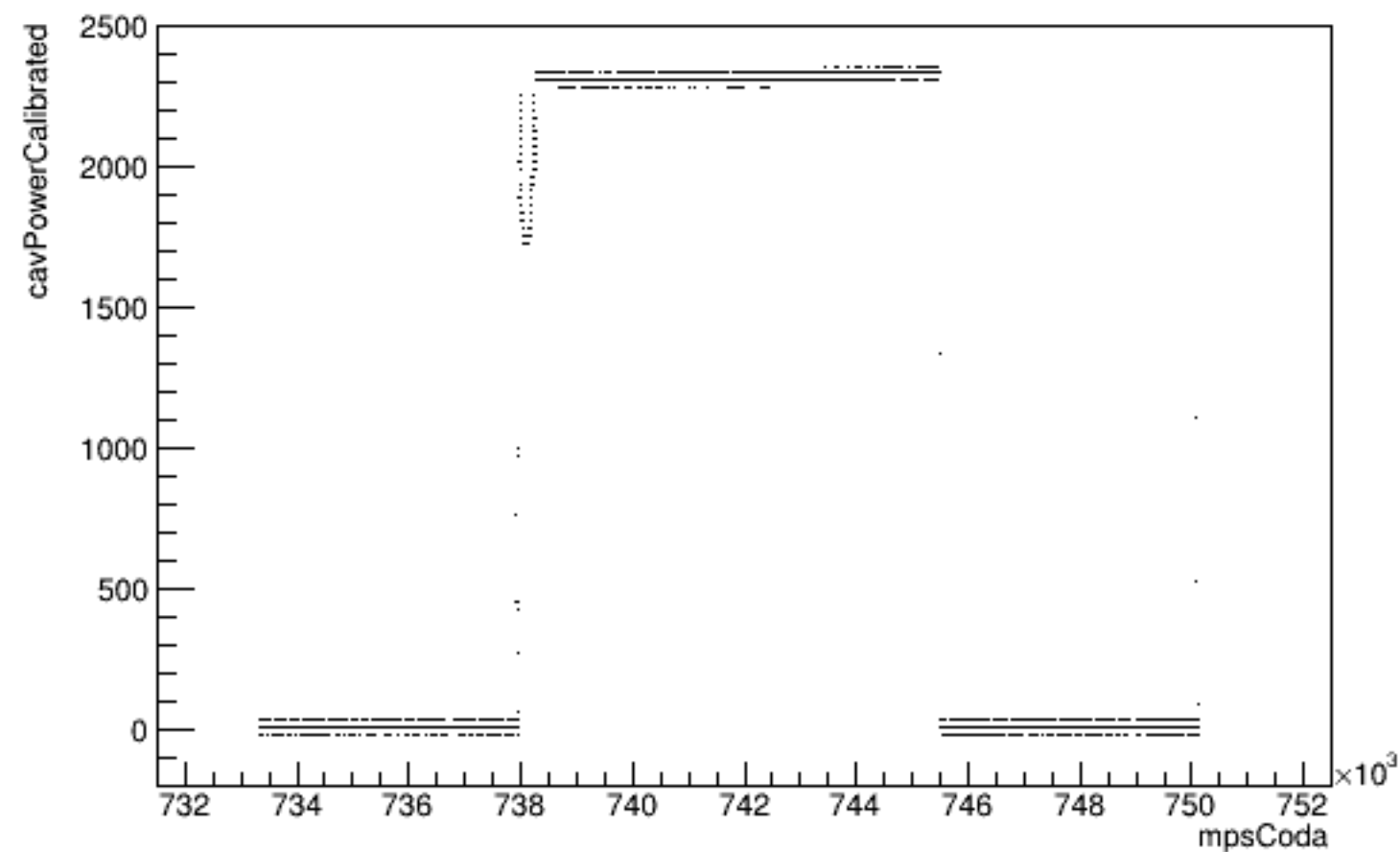
laserState:mpsCoda {mpsCoda>=733313 && mpsCoda<=750120}



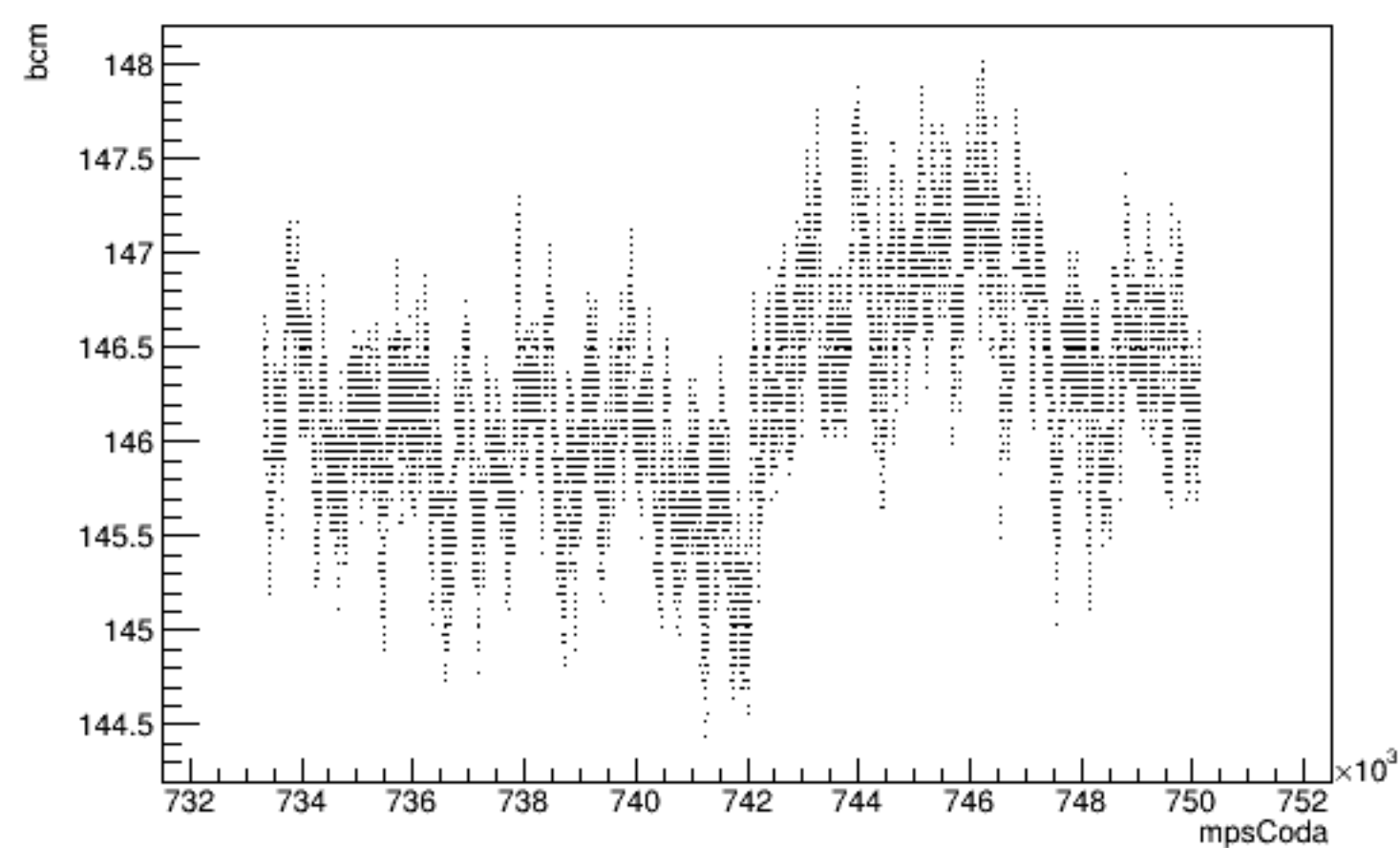
beamState + 1:mpsCoda {mpsCoda>=733313 && mpsCoda<=750120}



cavPowerCalibrated:mpsCoda {mpsCoda>=733313 && mpsCoda<=750120}



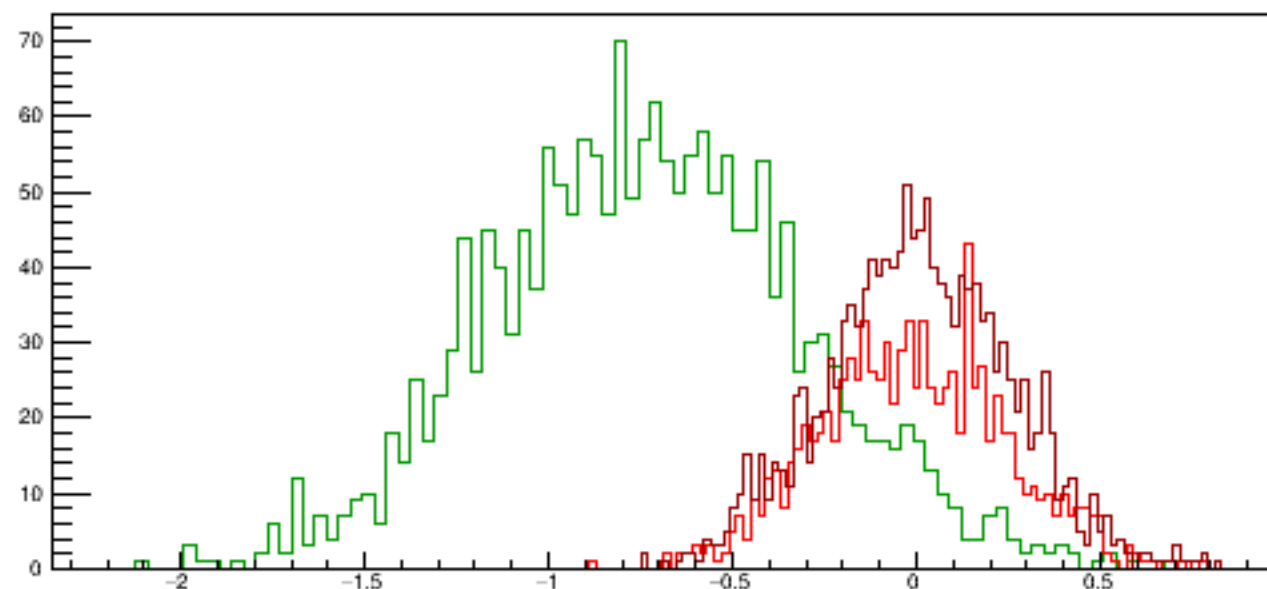
bcm:mpsCoda {mpsCoda>=733313 && mpsCoda<=750120}



Cycle 18, Diffs

Entries: 945	Entries: 1884	Entries: 1430
Mean: -0.0127 +/- 0.0083	Mean: -0.7299 +/- 0.0098	Mean: 0.0039 +/- 0.0066
Std Dev: 0.2562 +/- 0.0059	Std Dev: 0.4239 +/- 0.0069	Std Dev: 0.2504 +/- 0.0047

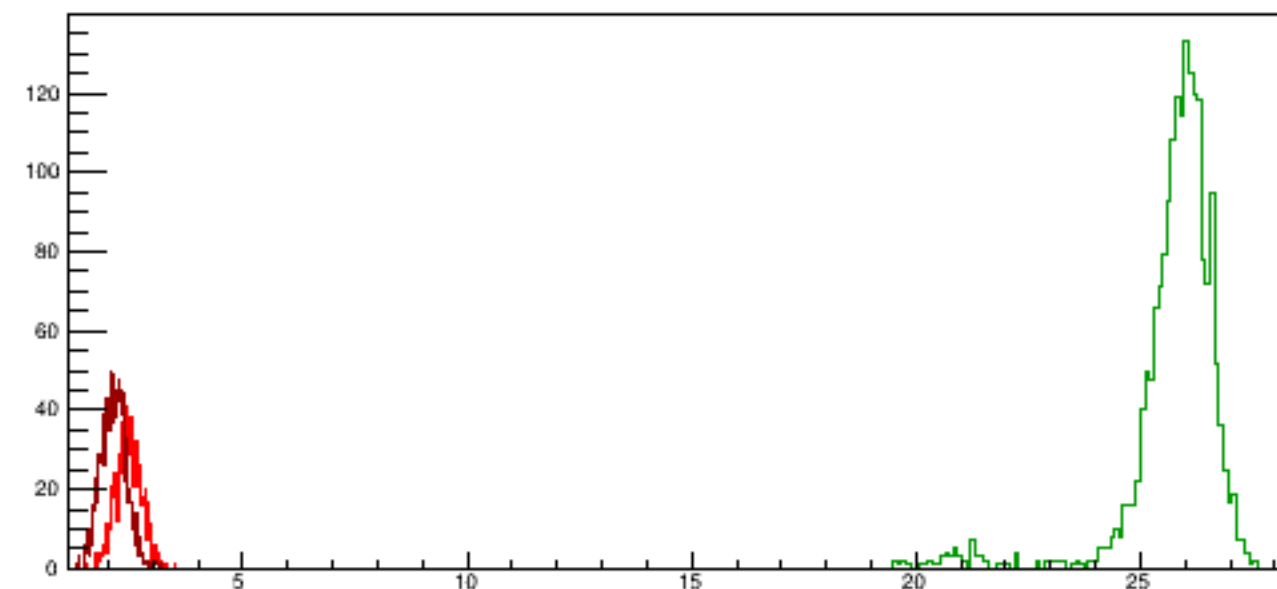
Run 5747 quartetwise, Diffs



Cycle 18, Sums

Entries: 945	Entries: 1884	Entries: 1430
Mean: 2.4596 +/- 0.0093	Mean: 25.7646 +/- 0.0242	Mean: 2.1225 +/- 0.0074
Std Dev: 0.2854 +/- 0.0066	Std Dev: 1.0494 +/- 0.0171	Std Dev: 0.2789 +/- 0.0052

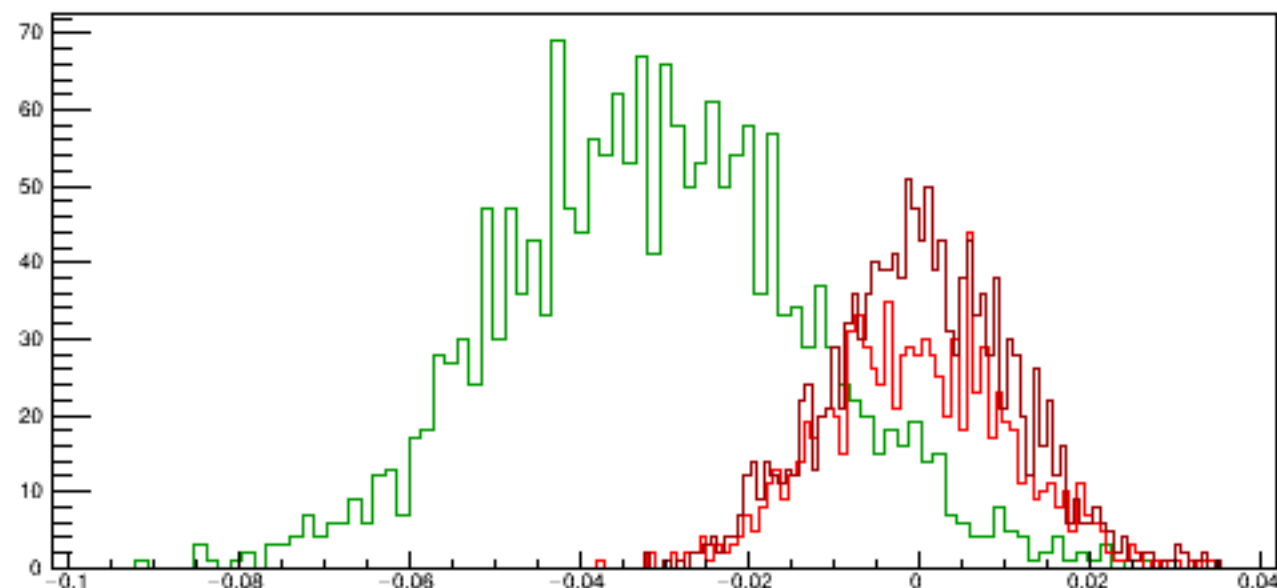
Run 5747 quartetwise, Sums



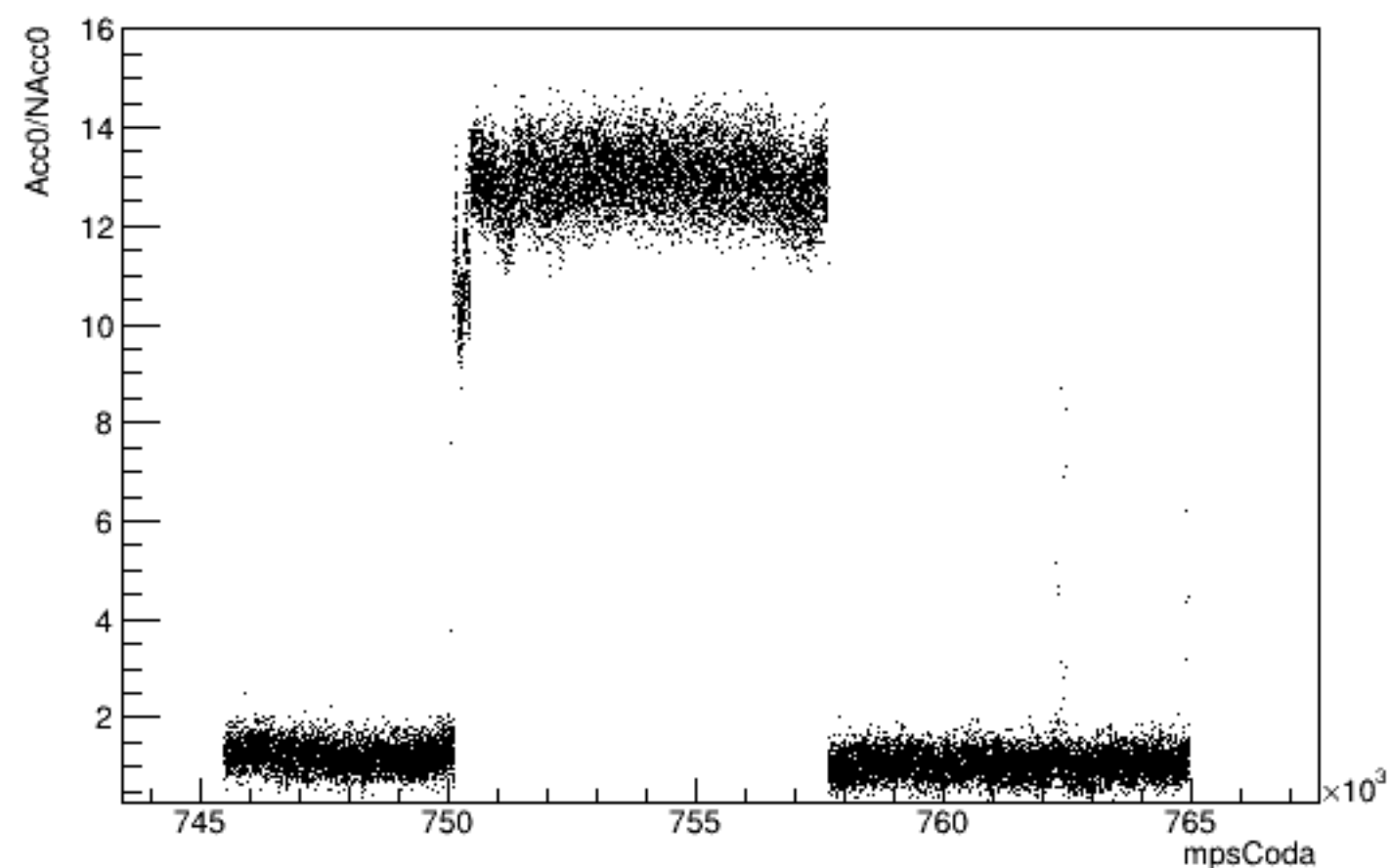
Cycle 18, Asyms

Entries: 945	Entries: 1884	Entries: 1430
Mean: -0.0005 +/- 0.0004	Mean: -0.0311 +/- 0.0004	Mean: 0.0002 +/- 0.0003
Std Dev: 0.0109 +/- 0.0003	Std Dev: 0.0181 +/- 0.0003	Std Dev: 0.0107 +/- 0.0002

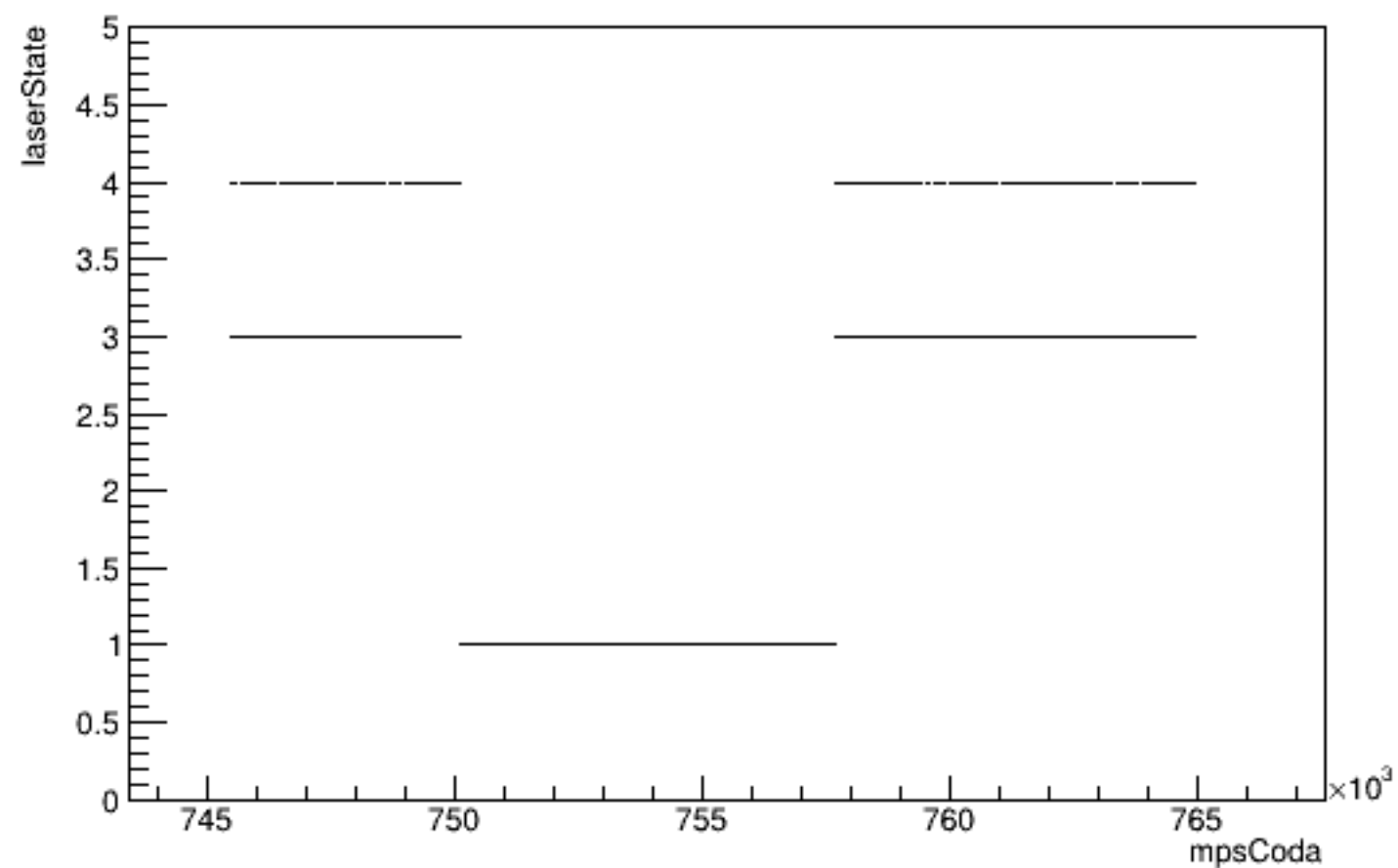
Run 5747 quartetwise, Asyms



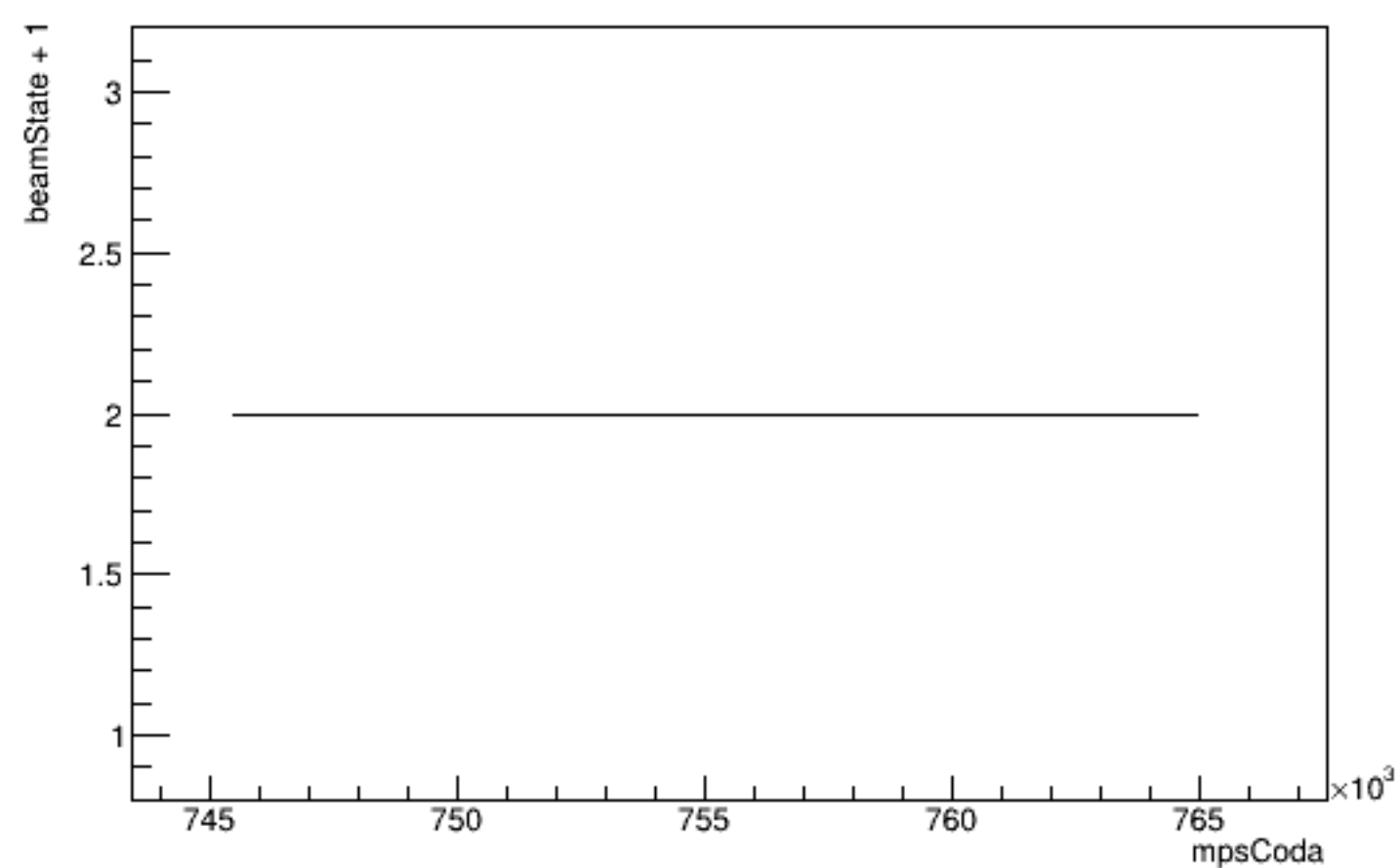
Acc0/NAcc0:mpsCoda (mpsCoda>=745493 && mpsCoda<=764944 && beamState==1)



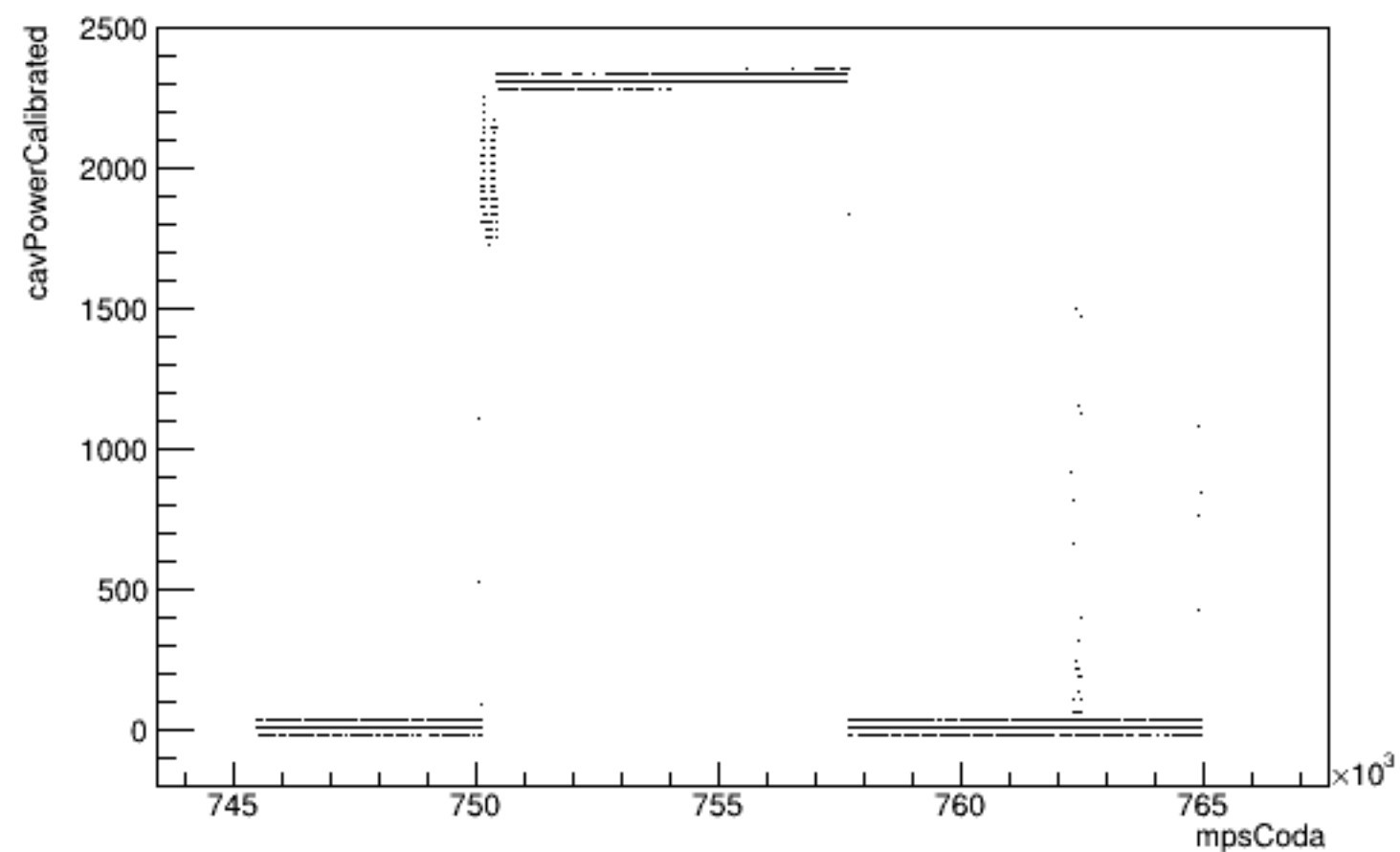
laserState:mpsCoda {mpsCoda>=745493 && mpsCoda<=764944}



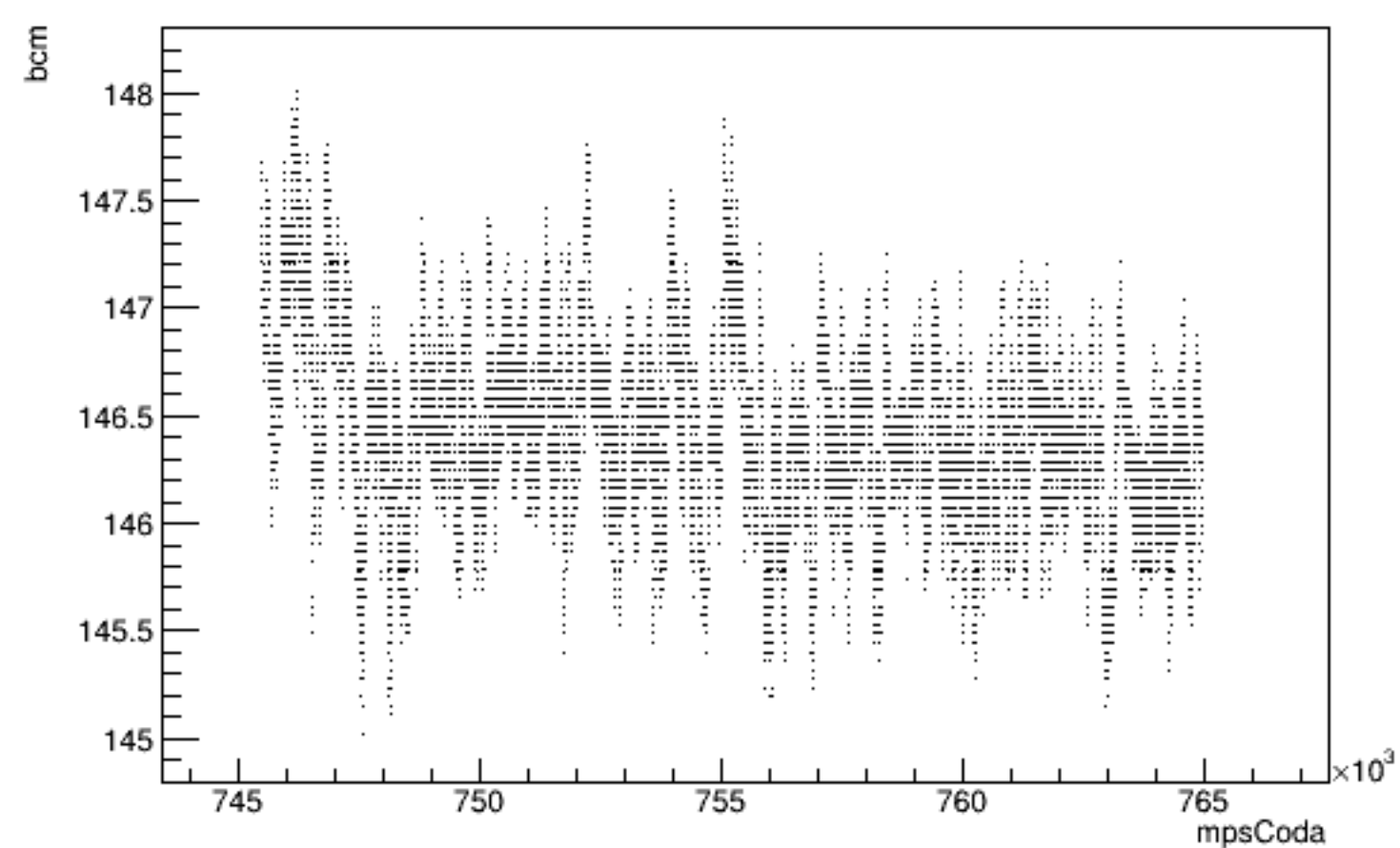
beamState + 1:mpsCoda {mpsCoda>=745493 && mpsCoda<=764944}



cavPowerCalibrated:mpsCoda {mpsCoda>=745493 && mpsCoda<=764944}



bcm:mpsCoda {mpsCoda>=745493 && mpsCoda<=764944}



Cycle 19, Diffs

Entries: 1430

Mean: 0.0039 +/- 0.0066

Std Dev: 0.2504 +/- 0.0047

Entries: 1879

Mean: -0.7370 +/- 0.0101

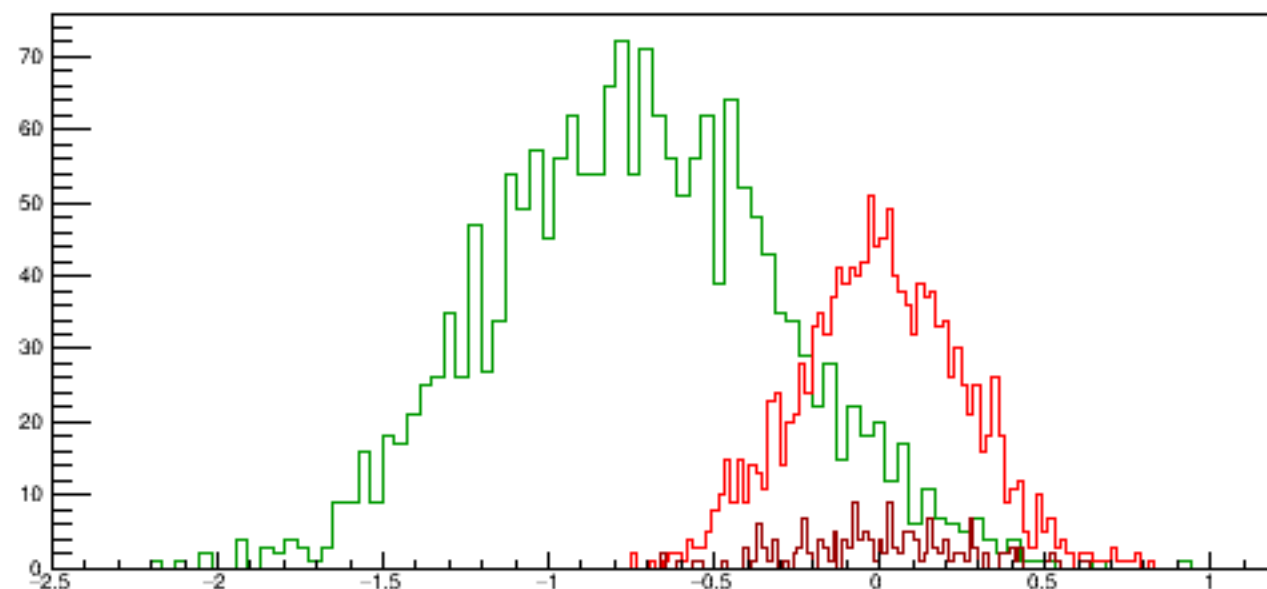
Std Dev: 0.4376 +/- 0.0071

Entries: 170

Mean: 0.0015 +/- 0.0198

Std Dev: 0.2576 +/- 0.0140

Run 5747 quartetwise, Diffs



Cycle 19, Sums

Entries: 1430

Mean: 2.1225 +/- 0.0074

Std Dev: 0.2789 +/- 0.0052

Entries: 1879

Mean: 25.4557 +/- 0.0308

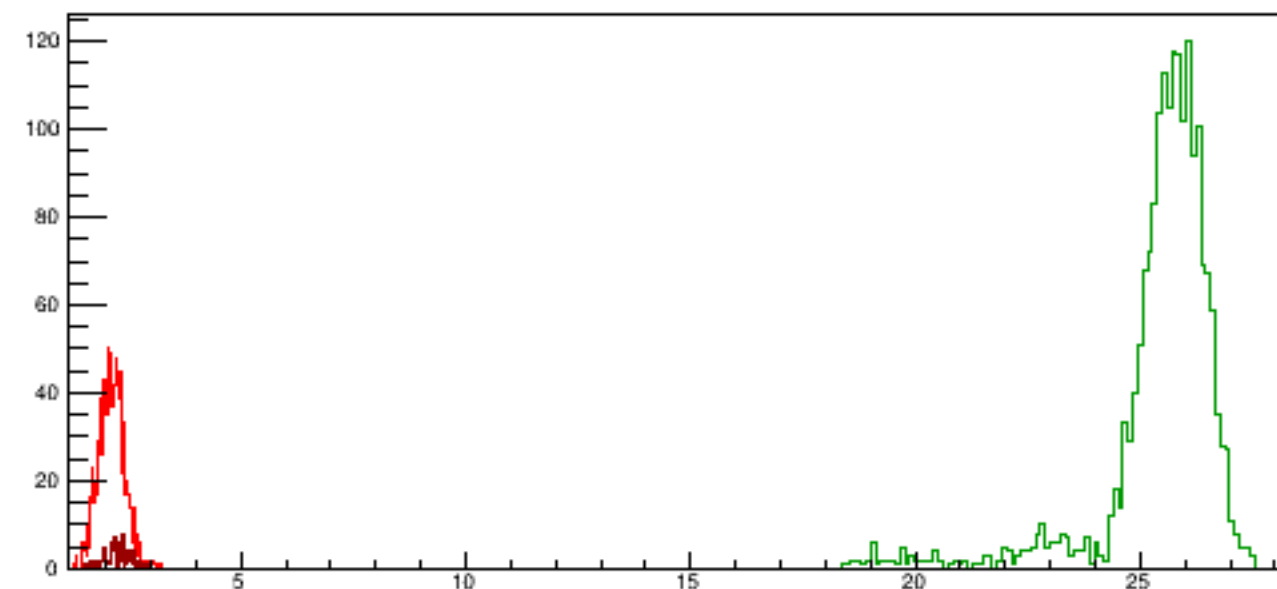
Std Dev: 1.3329 +/- 0.0217

Entries: 170

Mean: 2.2567 +/- 0.0208

Std Dev: 0.2714 +/- 0.0147

Run 5747 quartetwise, Sums



Cycle 19, Asyms

Entries: 1430

Mean: 0.0002 +/- 0.0003

Std Dev: 0.0108 +/- 0.0002

Entries: 1879

Mean: -0.0317 +/- 0.0004

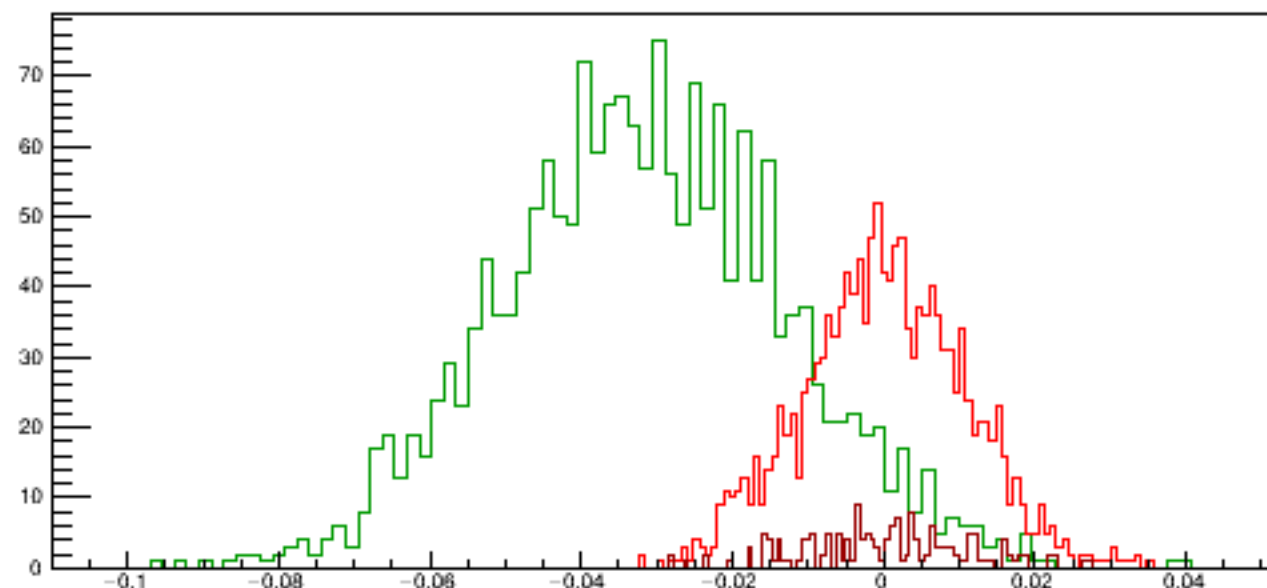
Std Dev: 0.0189 +/- 0.0003

Entries: 170

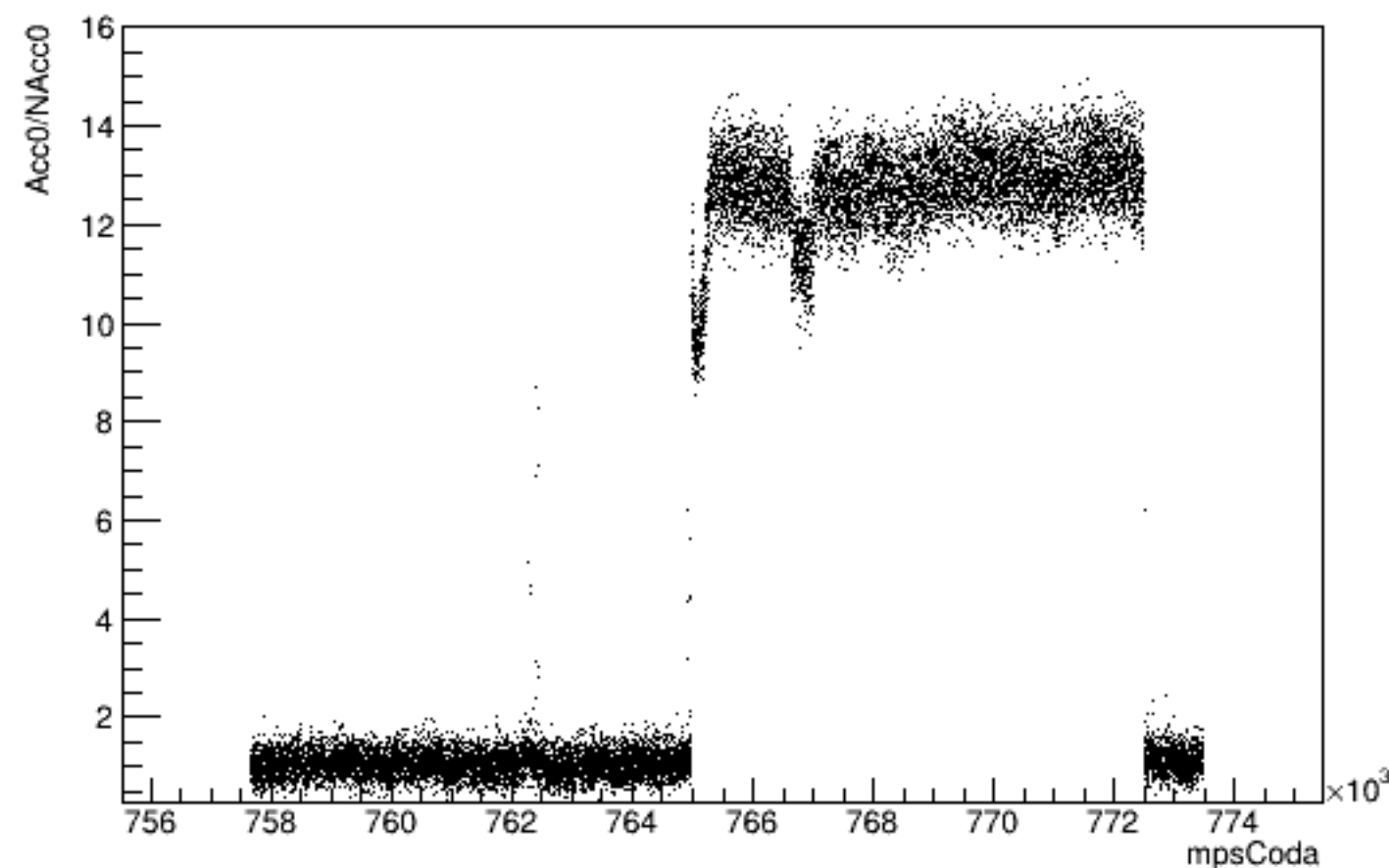
Mean: 0.0001 +/- 0.0008

Std Dev: 0.0111 +/- 0.0006

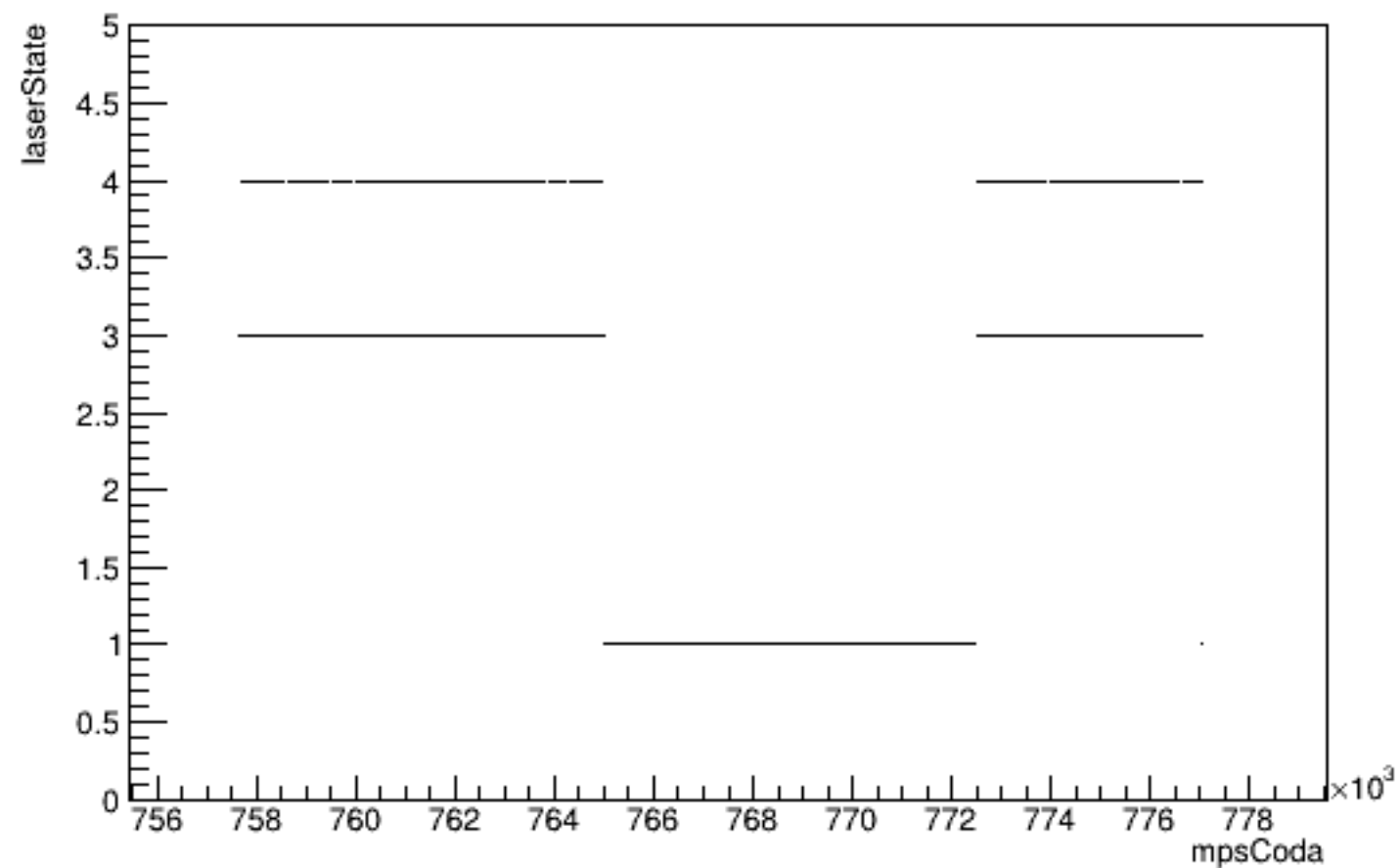
Run 5747 quartetwise, Asyms



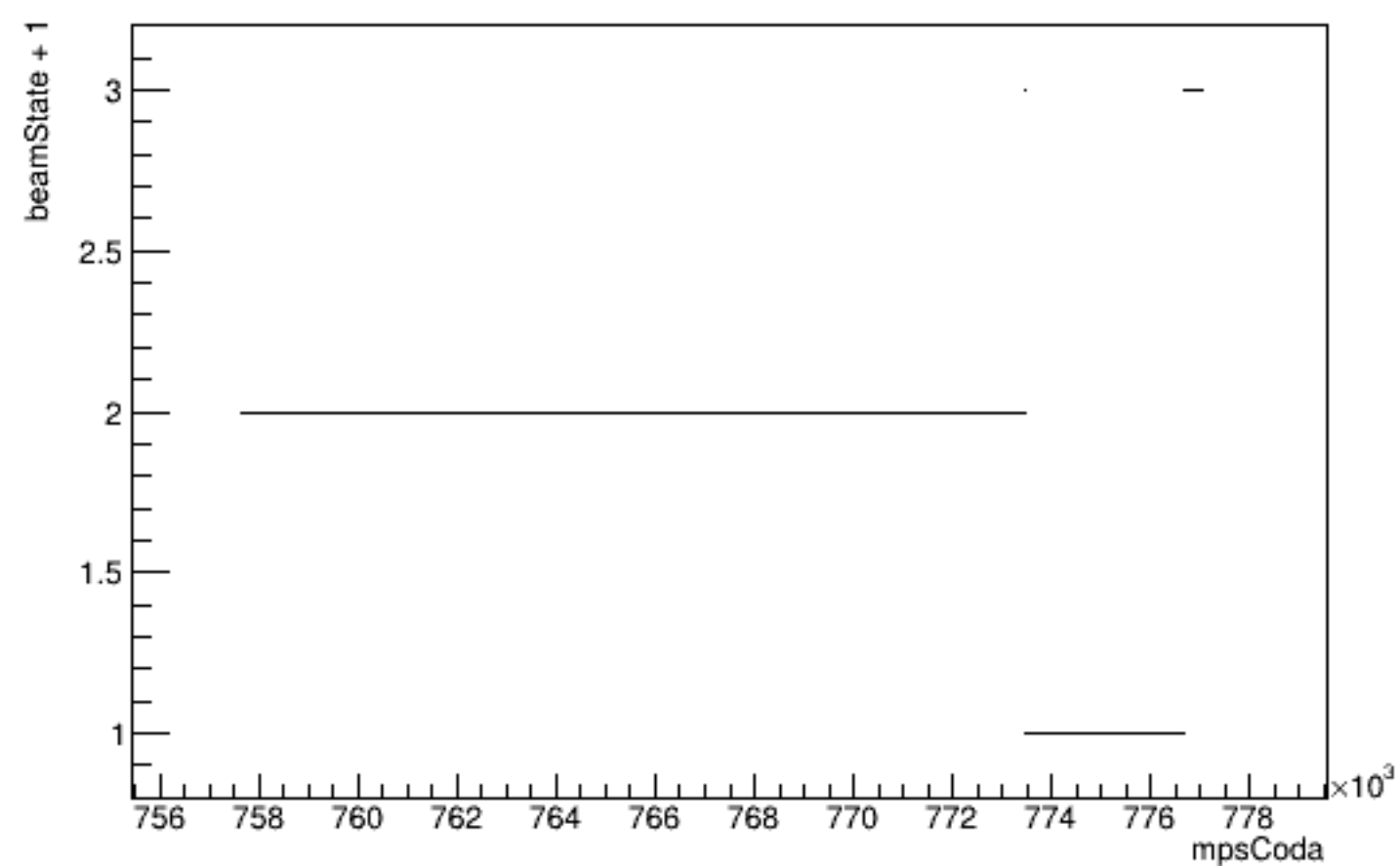
Acc0/NAcc0:mpsCoda (mpsCoda>=757661 && mpsCoda<=777064 && beamState==1)



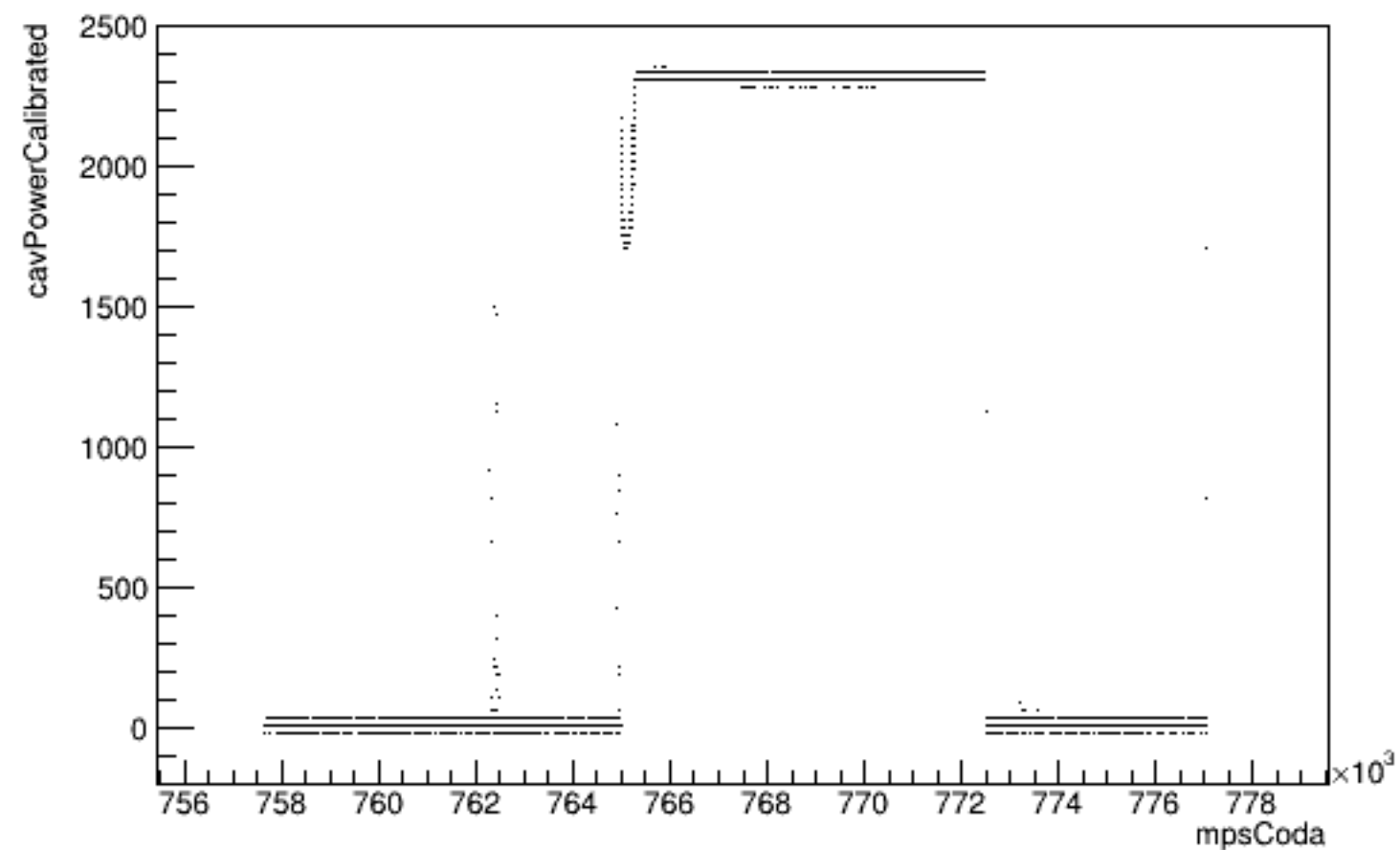
laserState:mpsCoda {mpsCoda>=757661 && mpsCoda<=777064}



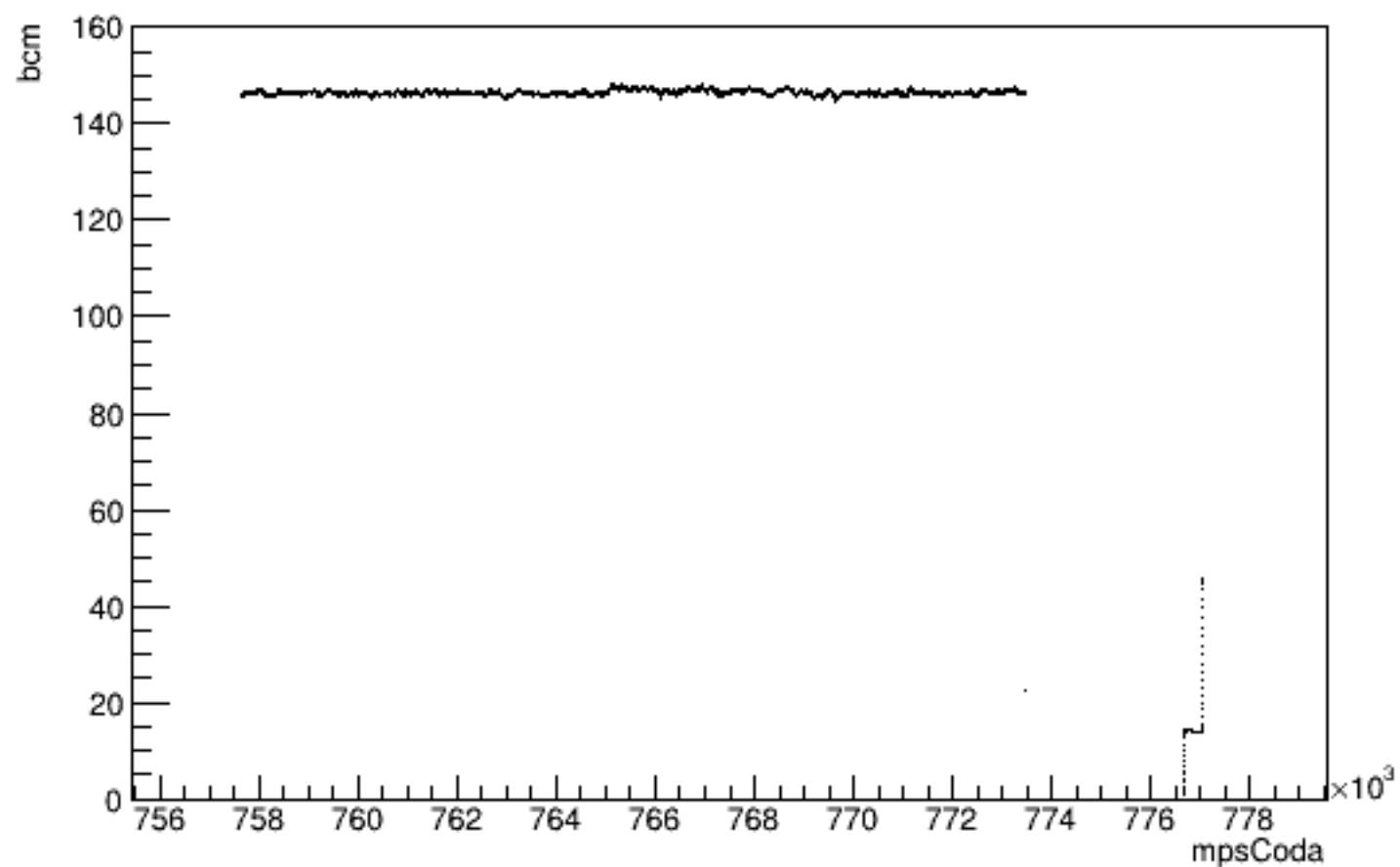
beamState + 1:mpsCoda {mpsCoda>=757661 && mpsCoda<=777064}



cavPowerCalibrated:mpsCoda {mpsCoda>=757661 && mpsCoda<=777064}



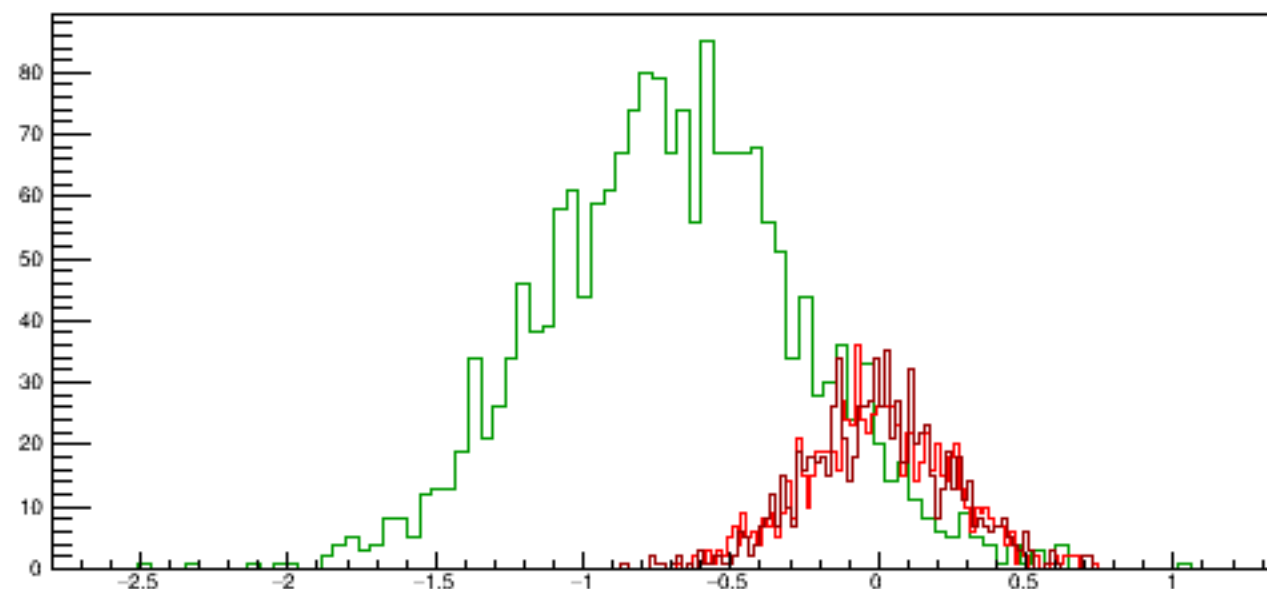
bcm:mpsCoda {mpsCoda>=757661 && mpsCoda<=777064}



Cycle 20, Diffs

Entries: 899	Entries: 1925	Entries: 839
Mean: -0.0064 +/- 0.0081	Mean: -0.6954 +/- 0.0100	Mean: -0.0050 +/- 0.0084
Std Dev: 0.2428 +/- 0.0057	Std Dev: 0.4409 +/- 0.0071	Std Dev: 0.2439 +/- 0.0060

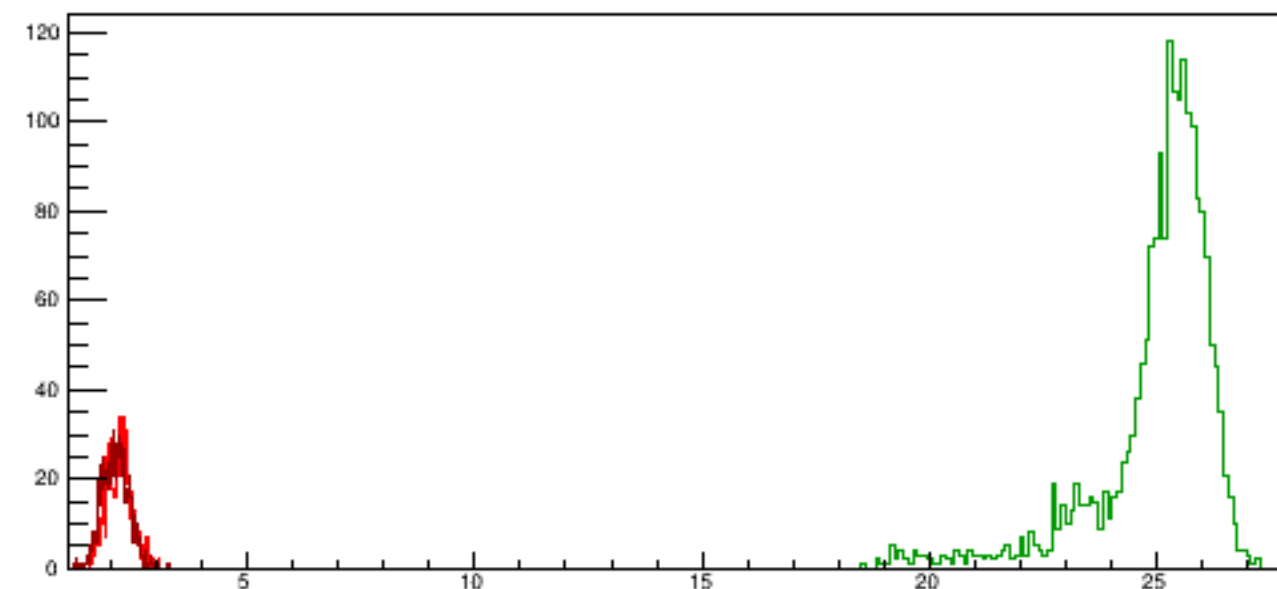
Run 5747 quartetwise, Diffs



Cycle 20, Sums

Entries: 899	Entries: 1925	Entries: 839
Mean: 2.1526 +/- 0.0095	Mean: 24.9997 +/- 0.0303	Mean: 2.0988 +/- 0.0100
Std Dev: 0.2862 +/- 0.0067	Std Dev: 1.3294 +/- 0.0214	Std Dev: 0.2895 +/- 0.0071

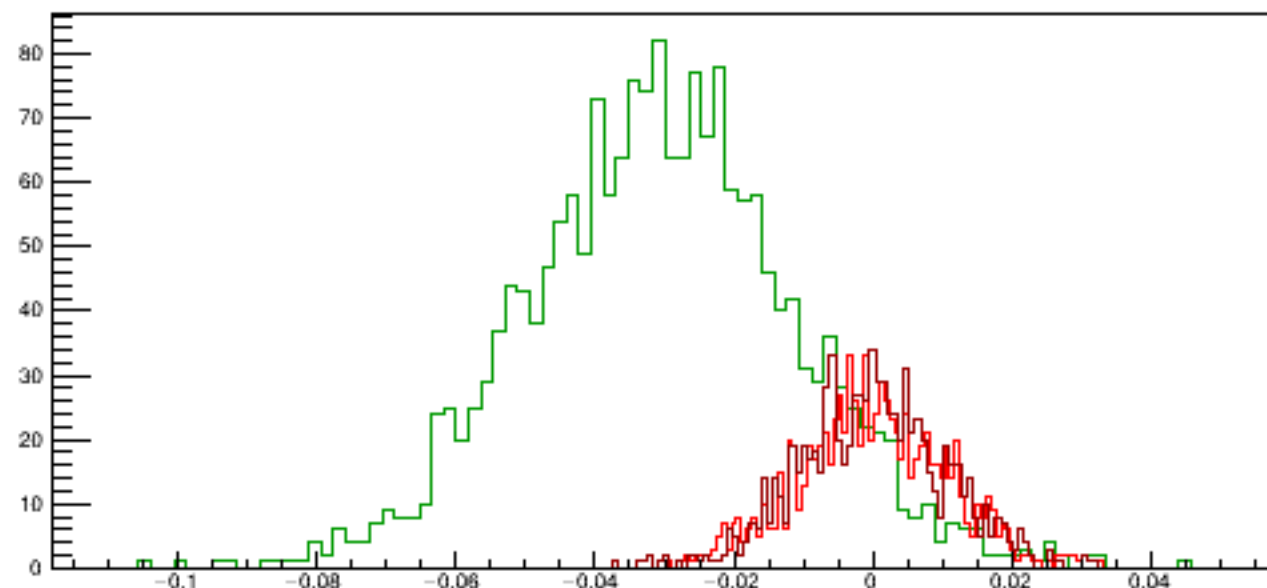
Run 5747 quartetwise, Sums



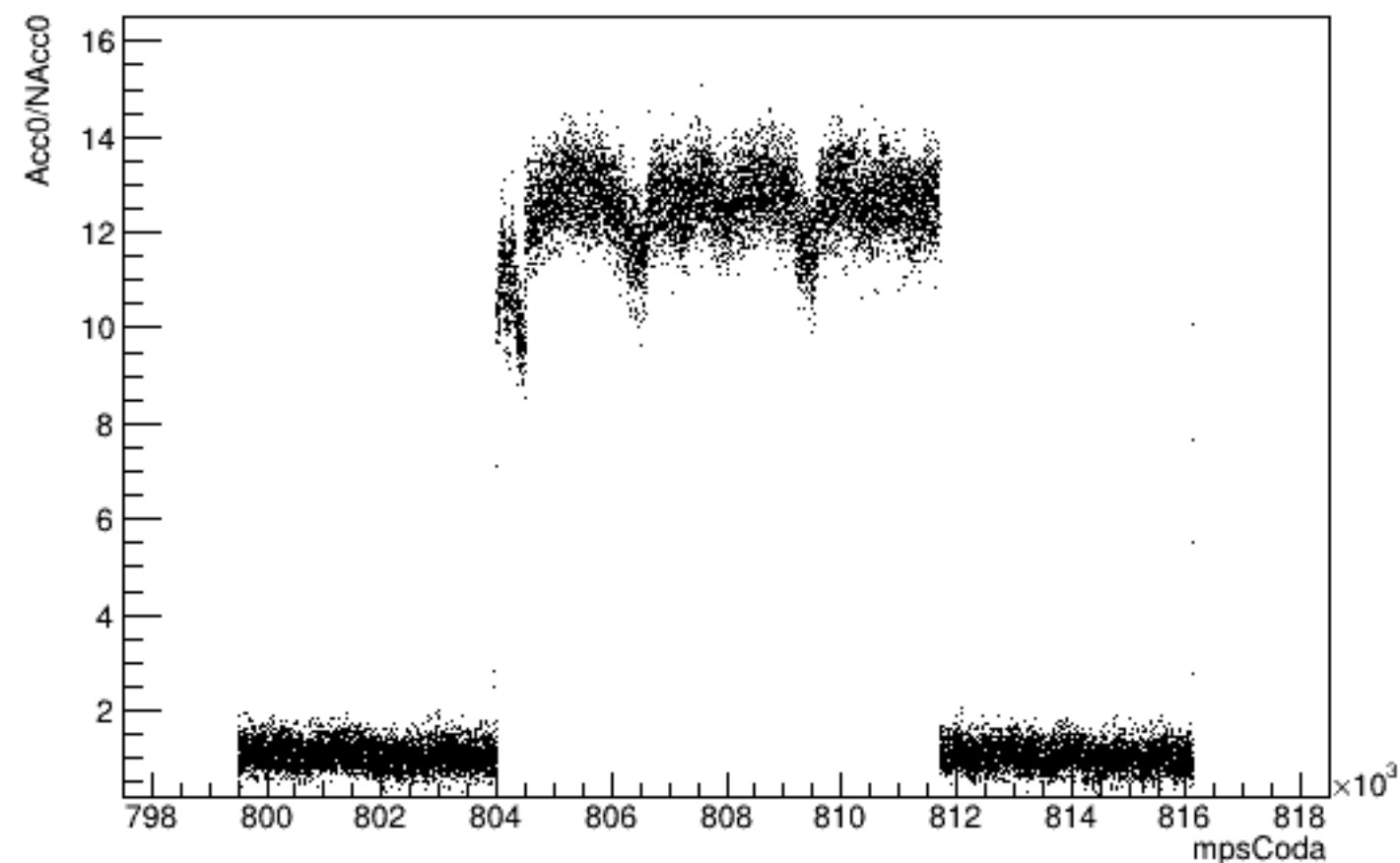
Cycle 20, Asyms

Entries: 899	Entries: 1925	Entries: 839
Mean: -0.0003 +/- 0.0004	Mean: -0.0304 +/- 0.0004	Mean: -0.0002 +/- 0.0004
Std Dev: 0.0106 +/- 0.0003	Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0107 +/- 0.0003

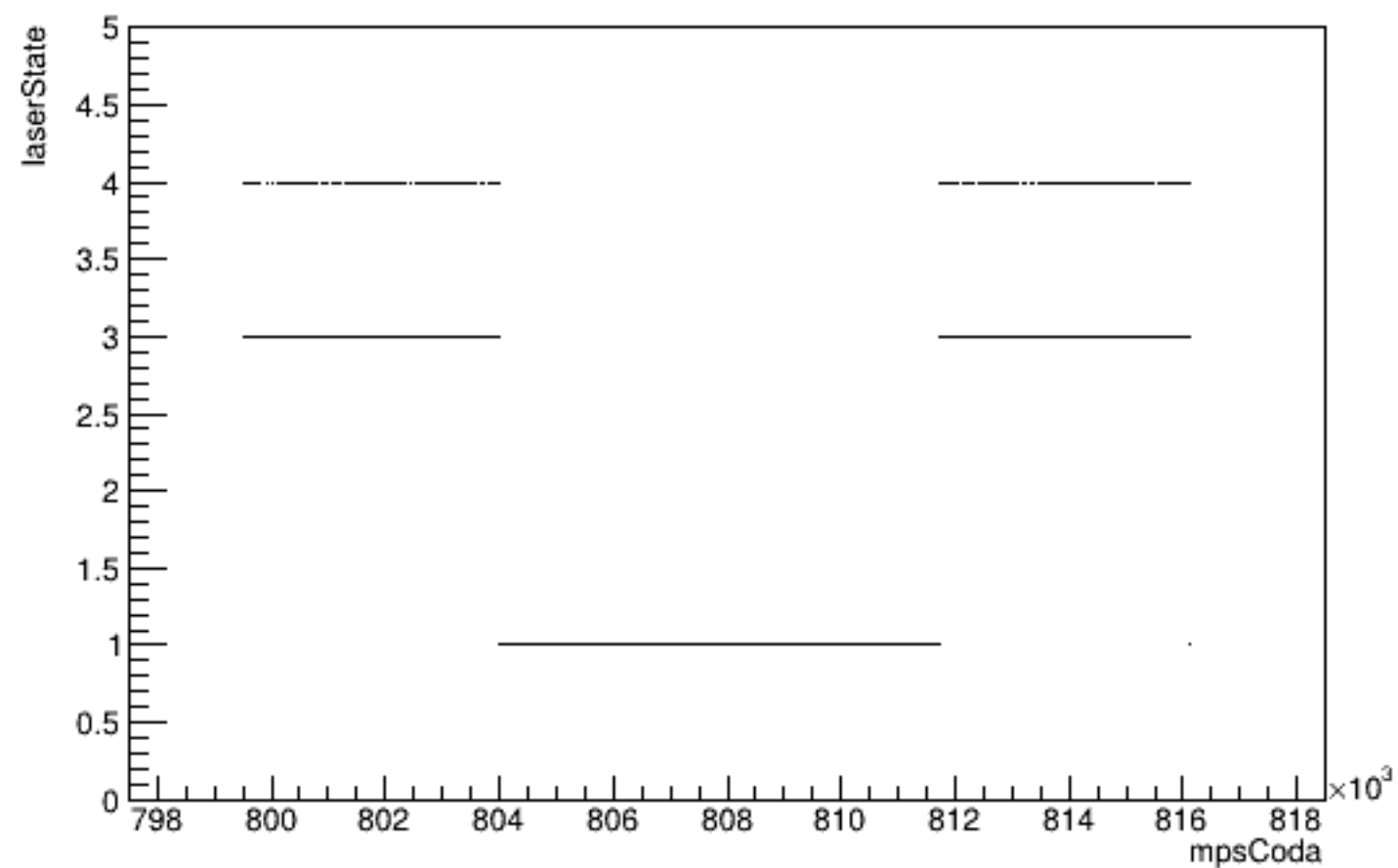
Run 5747 quartetwise, Asyms



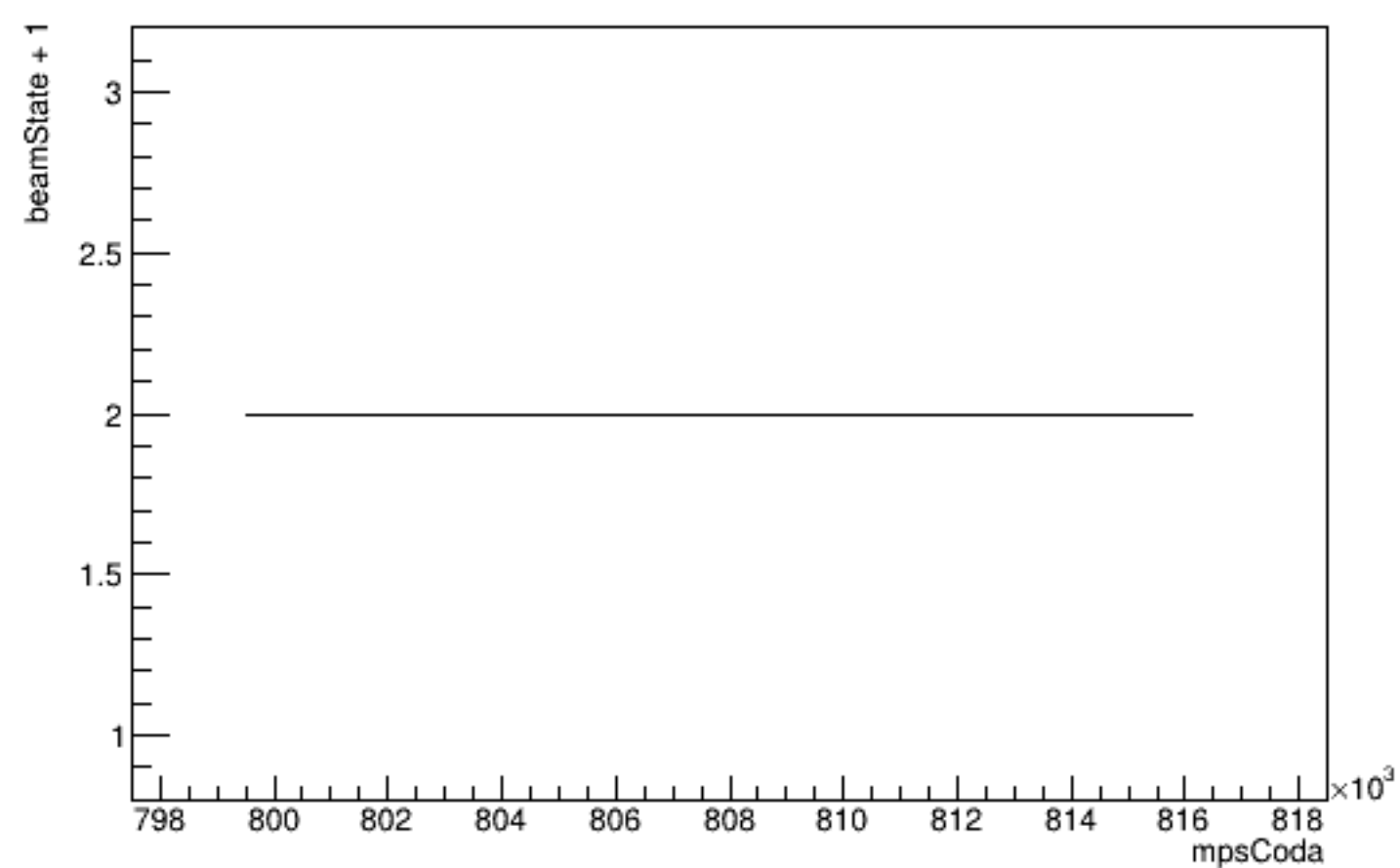
Acc0/NAcc0:mpsCoda (mpsCoda>=799501 && mpsCoda<=816124 && beamState==1)



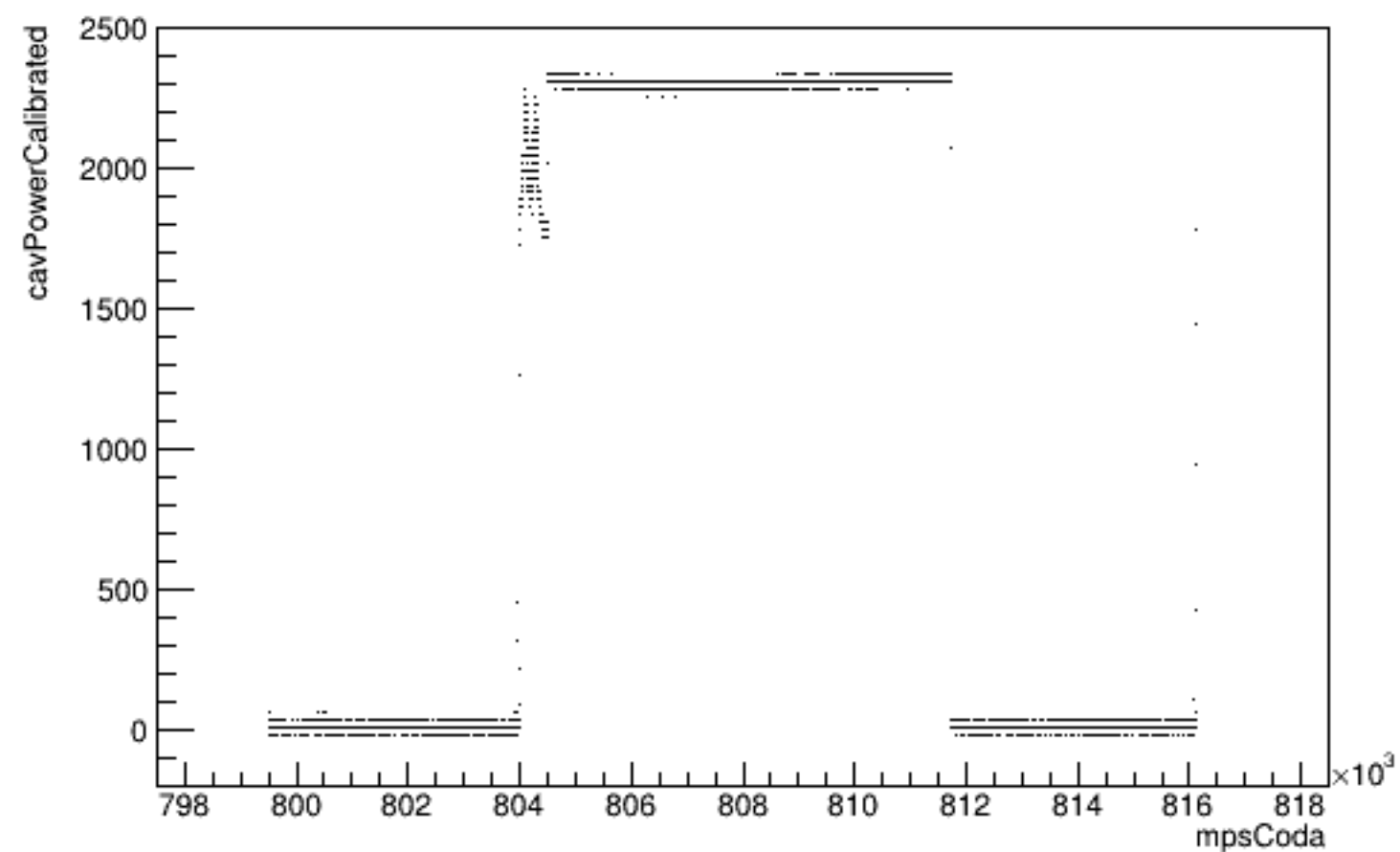
laserState:mpsCoda {mpsCoda>=799501 && mpsCoda<=816124}



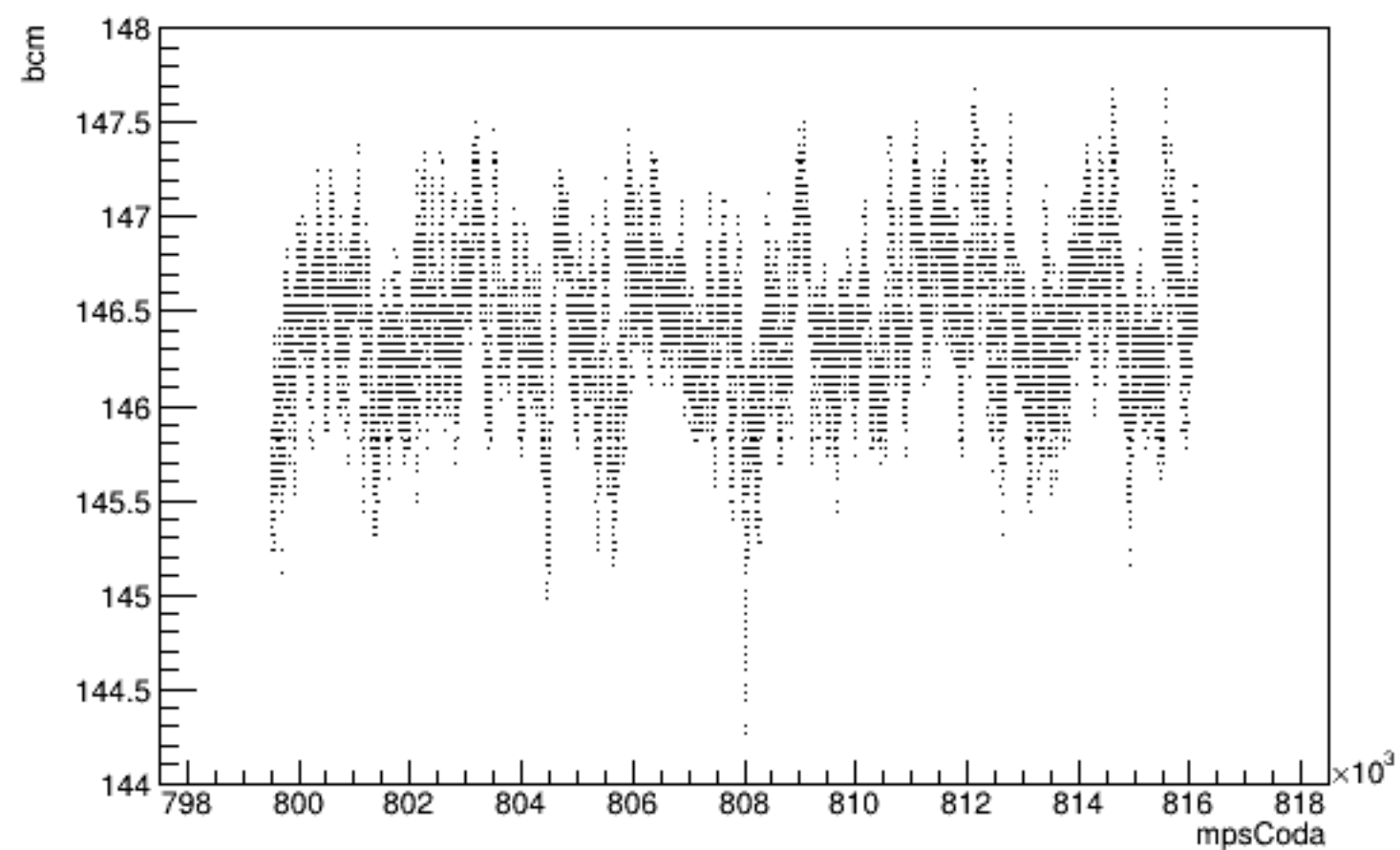
beamState + 1:mpsCoda {mpsCoda>=799501 && mpsCoda<=816124}



cavPowerCalibrated:mpsCoda {mpsCoda>=799501 && mpsCoda<=816124}



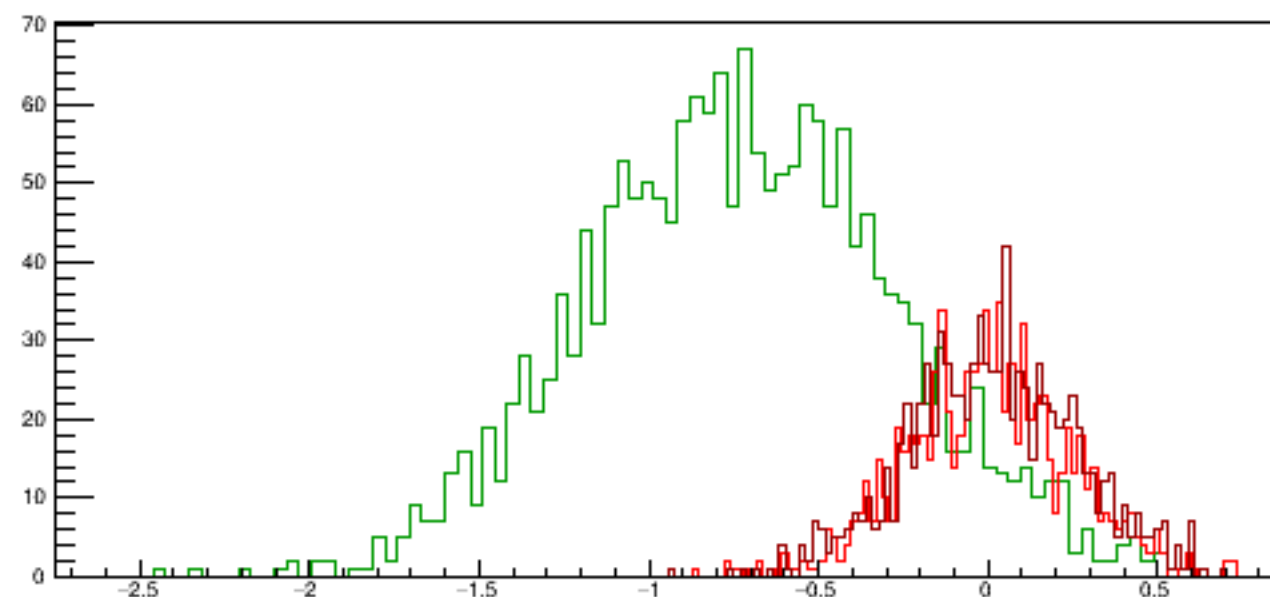
bcm:mpsCoda {mpsCoda>=799501 && mpsCoda<=816124}



Cycle 21, Diffs

Entries: 839	Entries: 1878	Entries: 892
Mean: -0.0050 +/- 0.0084	Mean: -0.7286 +/- 0.0105	Mean: 0.0112 +/- 0.0084
Std Dev: 0.2439 +/- 0.0060	Std Dev: 0.4553 +/- 0.0074	Std Dev: 0.2507 +/- 0.0059

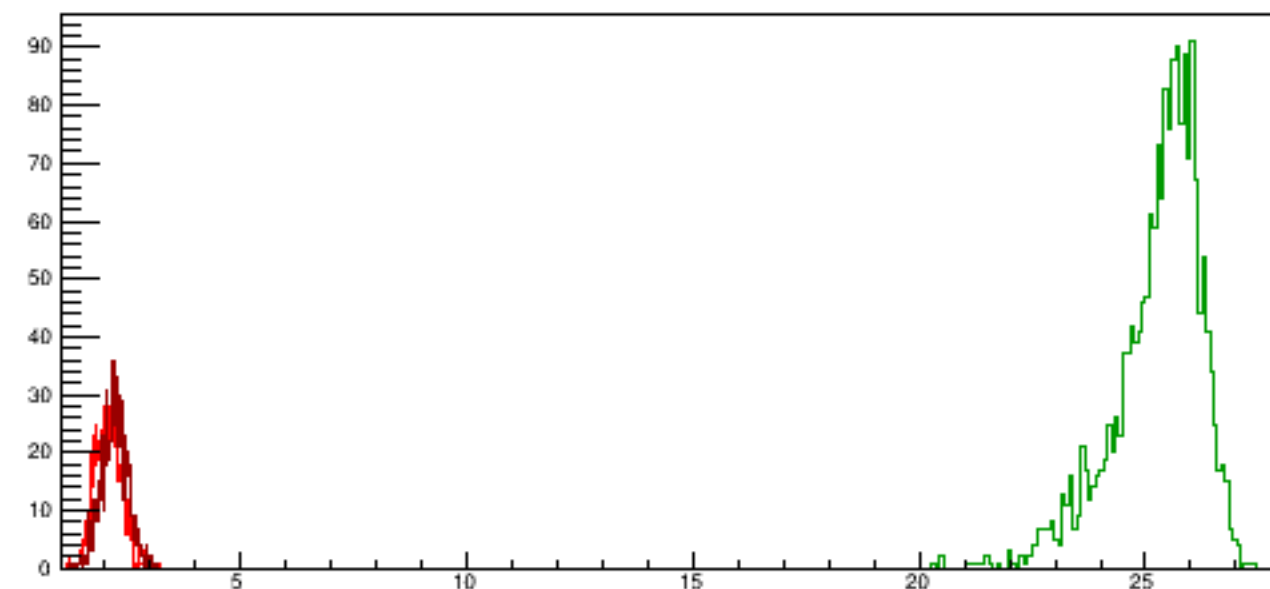
Run 5747 quartetwise, Diffs



Cycle 21, Sums

Entries: 839	Entries: 1878	Entries: 892
Mean: 2.0988 +/- 0.0100	Mean: 25.2705 +/- 0.0226	Mean: 2.2309 +/- 0.0097
Std Dev: 0.2895 +/- 0.0071	Std Dev: 0.9783 +/- 0.0160	Std Dev: 0.2912 +/- 0.0069

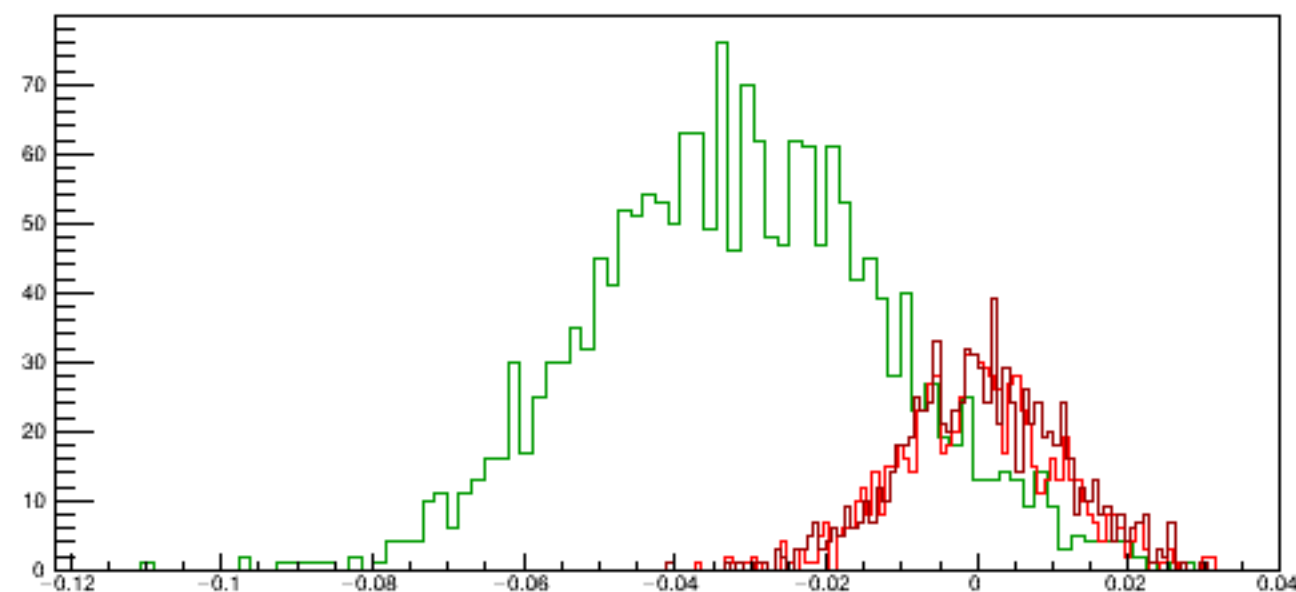
Run 5747 quartetwise, Sums



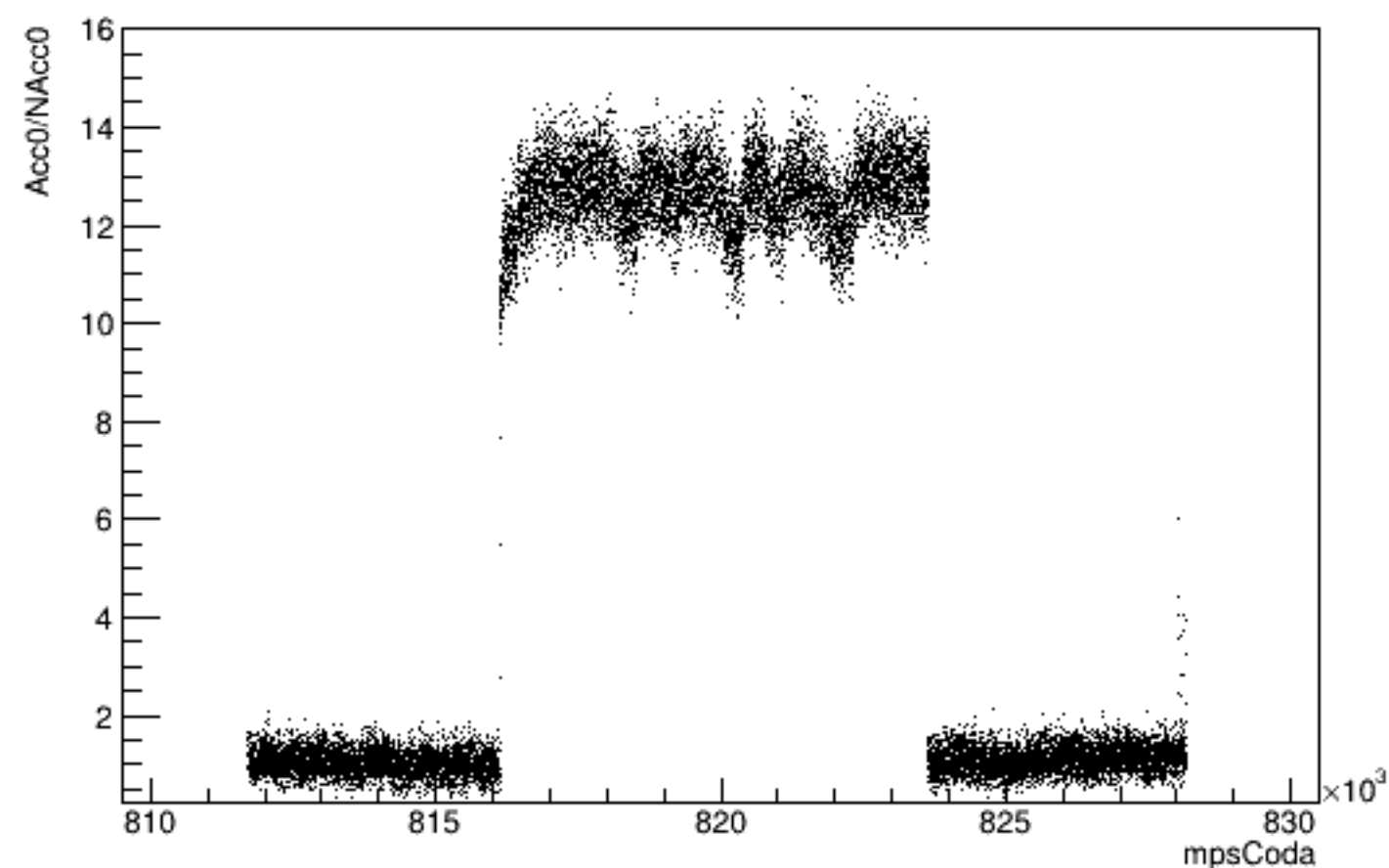
Cycle 21, Asyms

Entries: 839	Entries: 1878	Entries: 892
Mean: -0.0002 +/- 0.0004	Mean: -0.0315 +/- 0.0005	Mean: 0.0005 +/- 0.0004
Std Dev: 0.0106 +/- 0.0003	Std Dev: 0.0197 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

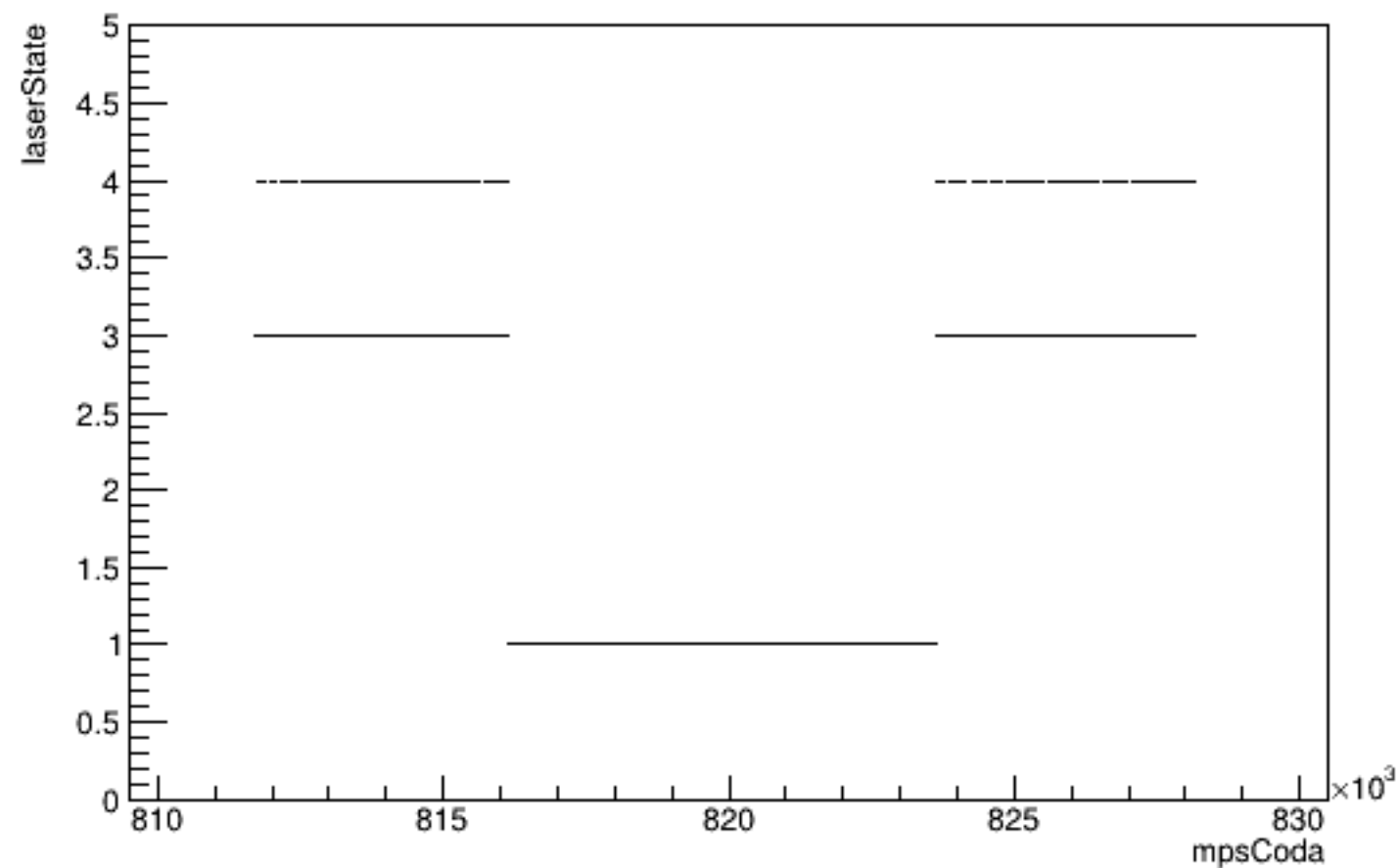
Run 5747 quartetwise, Asyms



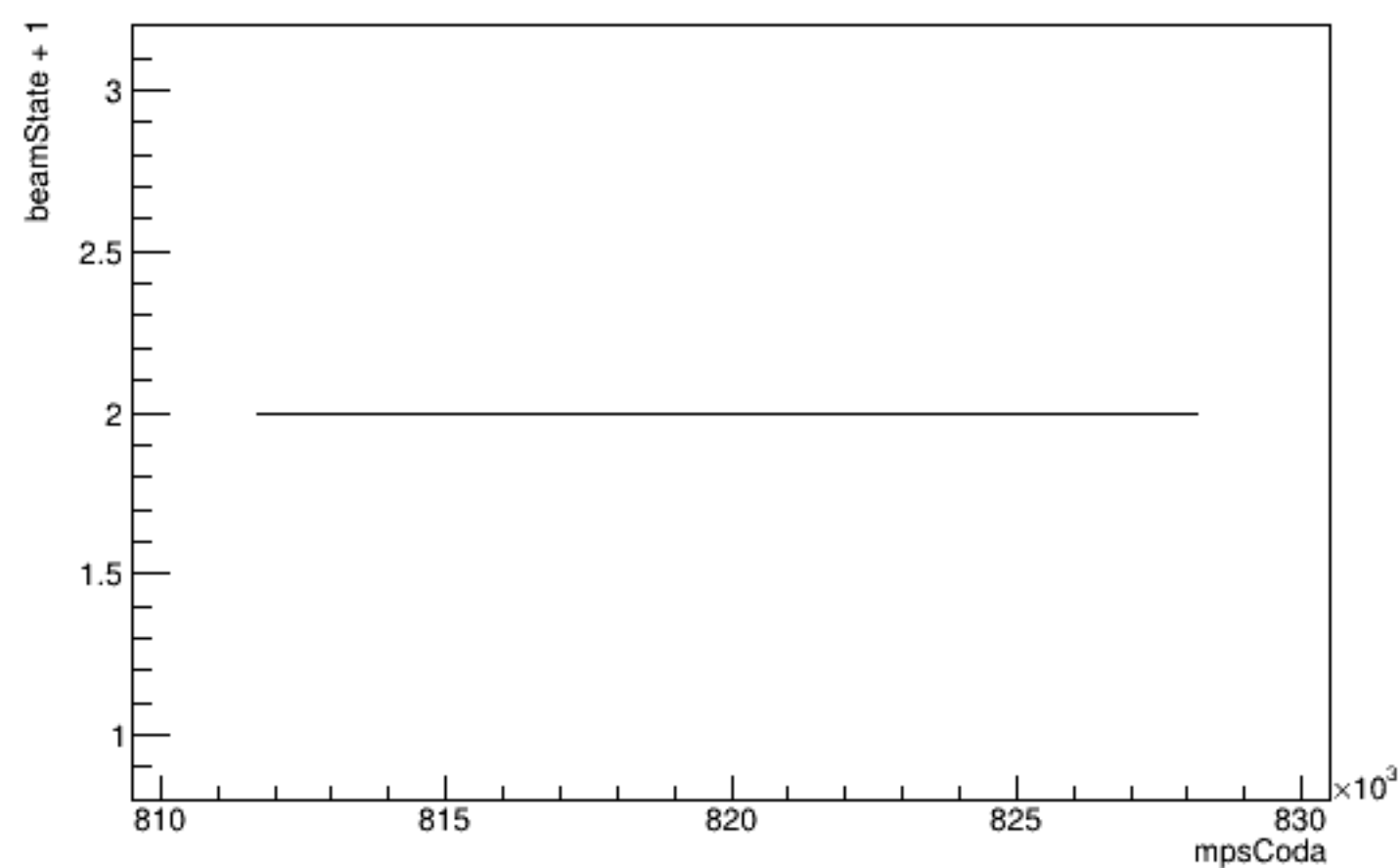
Acc0/NAcc0:mpsCoda (mpsCoda>=811713 && mpsCoda<=828160 && beamState==1)



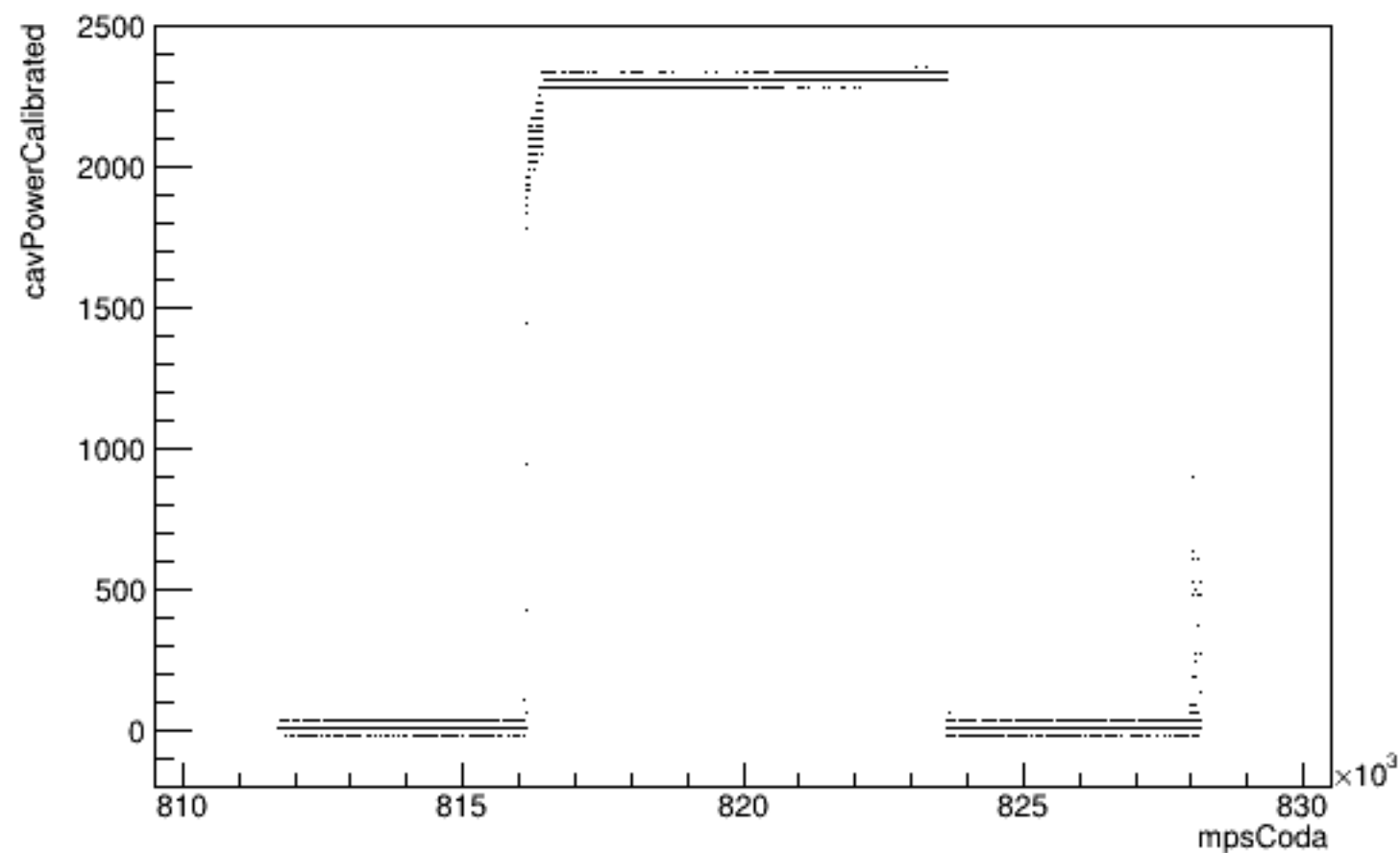
laserState:mpsCoda {mpsCoda>=811713 && mpsCoda<=828160}



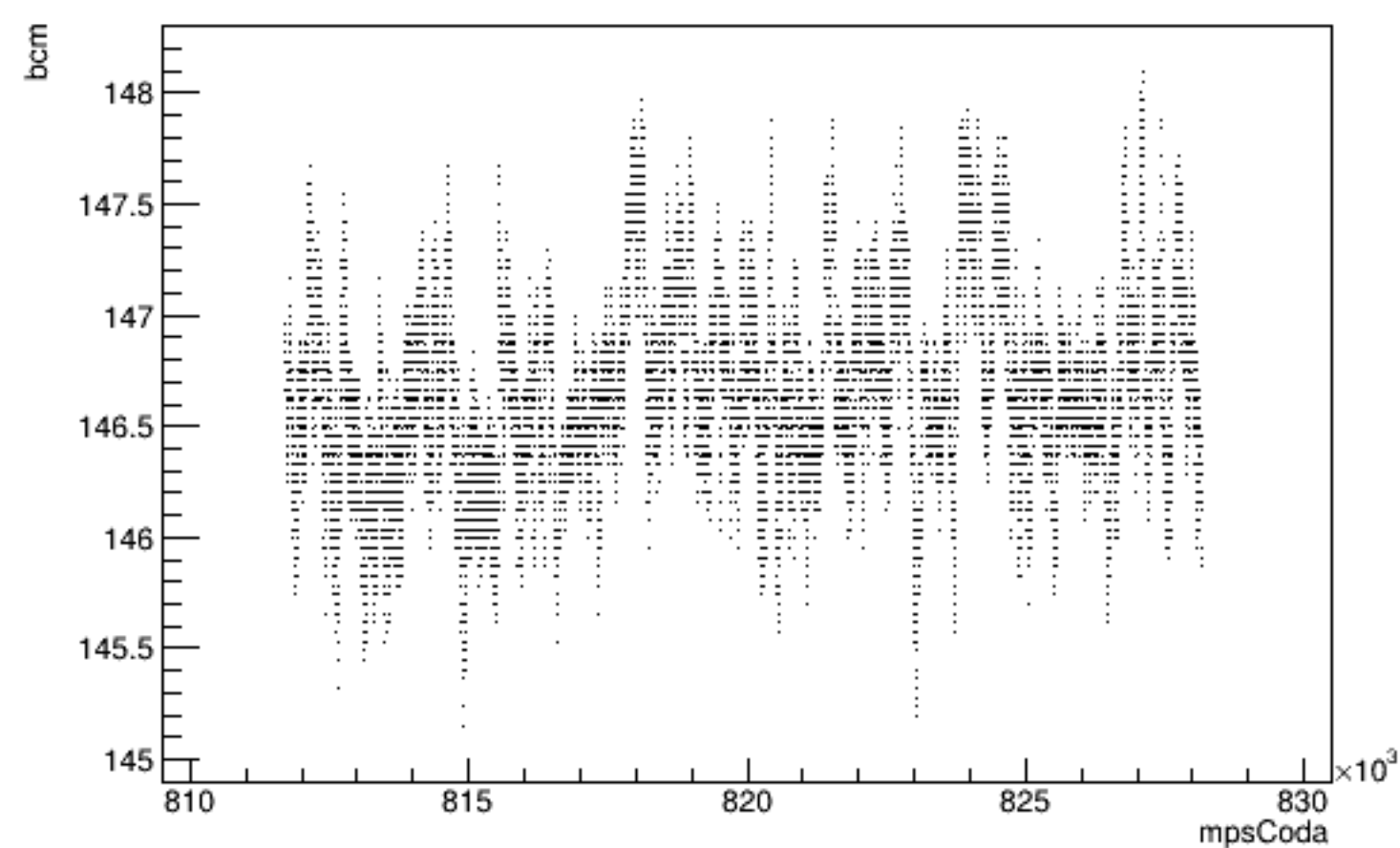
beamState + 1:mpsCoda {mpsCoda>=811713 && mpsCoda<=828160}



cavPowerCalibrated:mpsCoda {mpsCoda>=811713 && mpsCoda<=828160}



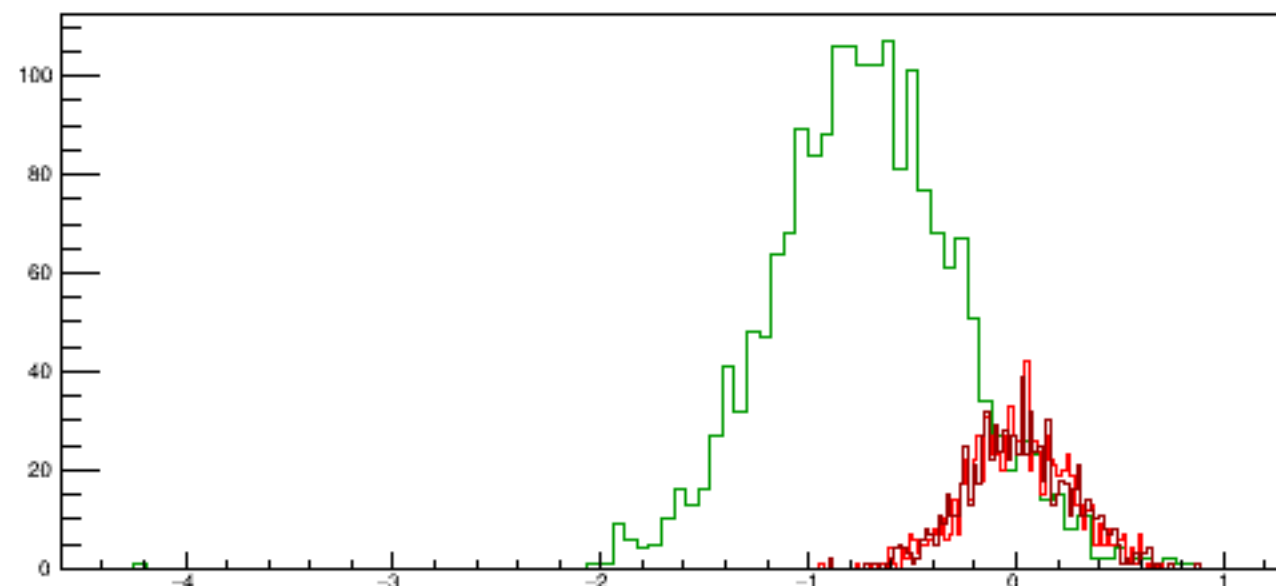
bcm:mpsCoda {mpsCoda>=811713 && mpsCoda<=828160}



Cycle 22, Diffs

Entries: 892	Entries: 1893	Entries: 844
Mean: 0.0112 +/- 0.0084	Mean: -0.7238 +/- 0.0104	Mean: 0.0061 +/- 0.0089
Std Dev: 0.2507 +/- 0.0059	Std Dev: 0.4527 +/- 0.0074	Std Dev: 0.2598 +/- 0.0063

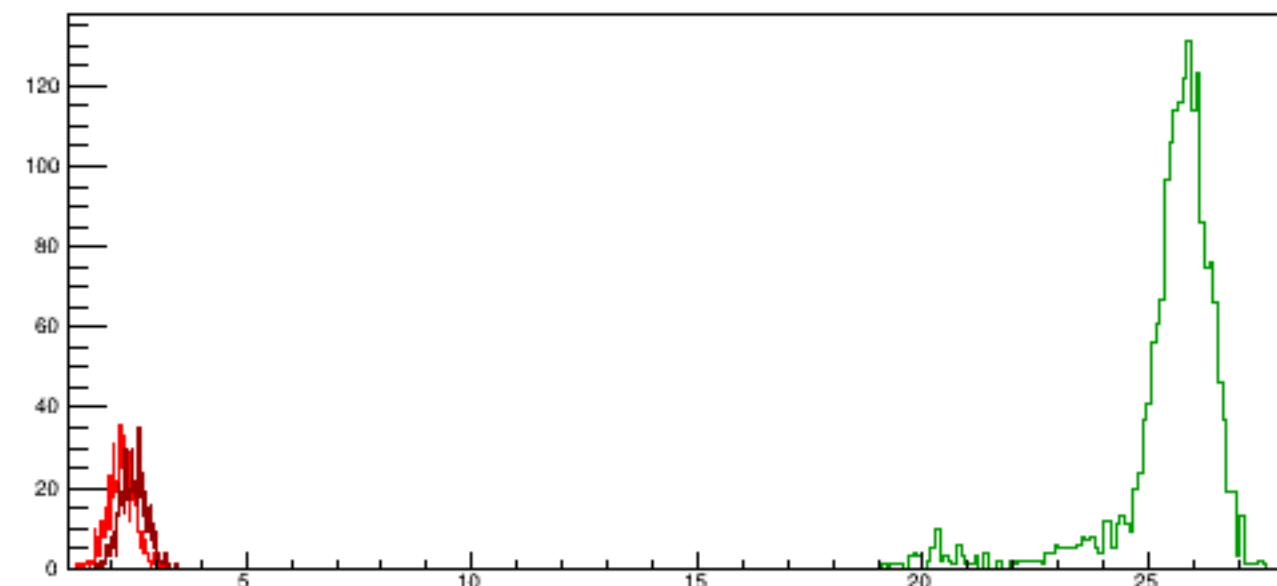
Run 5747 quartetwise, Diffs



Cycle 22, Sums

Entries: 892	Entries: 1893	Entries: 844
Mean: 2.2309 +/- 0.0097	Mean: 25.4848 +/- 0.0276	Mean: 2.4983 +/- 0.0098
Std Dev: 0.2912 +/- 0.0069	Std Dev: 1.1994 +/- 0.0195	Std Dev: 0.2839 +/- 0.0069

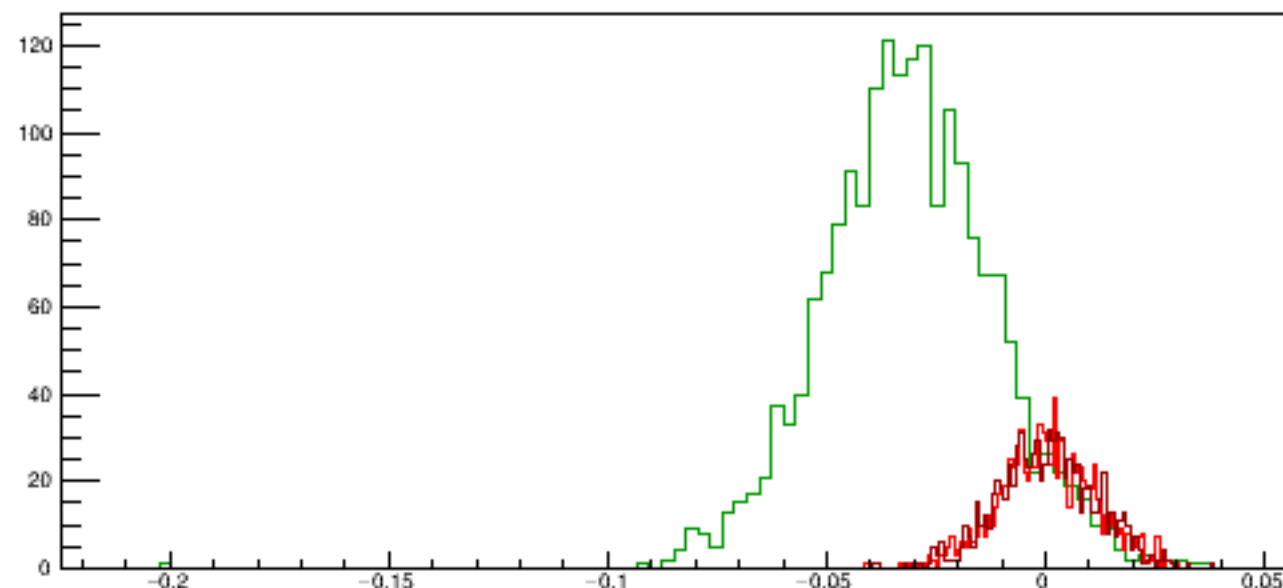
Run 5747 quartetwise, Sums



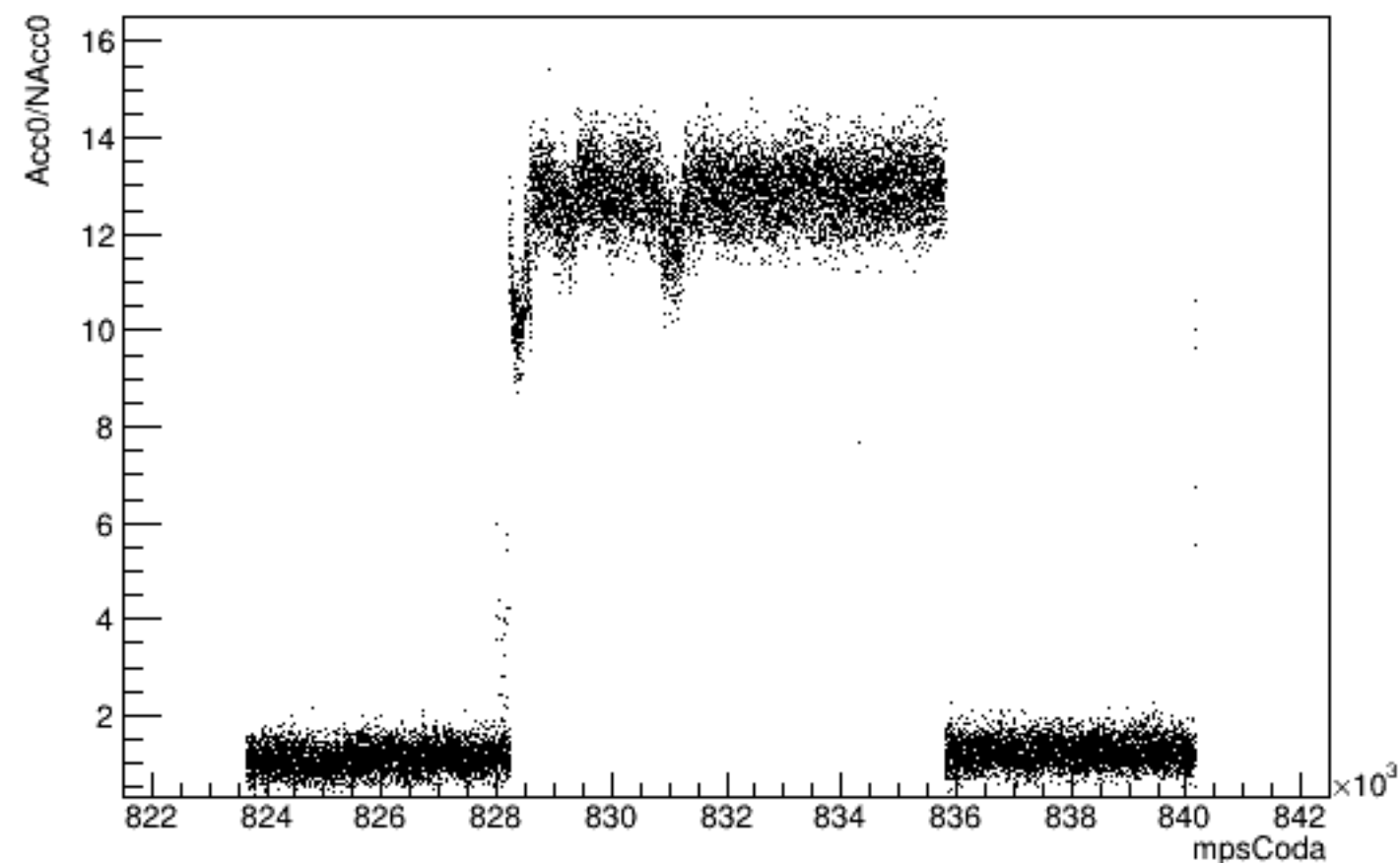
Cycle 22, Asyms

Entries: 892	Entries: 1893	Entries: 844
Mean: 0.0005 +/- 0.0004	Mean: -0.0313 +/- 0.0005	Mean: 0.0003 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0197 +/- 0.0003	Std Dev: 0.0112 +/- 0.0003

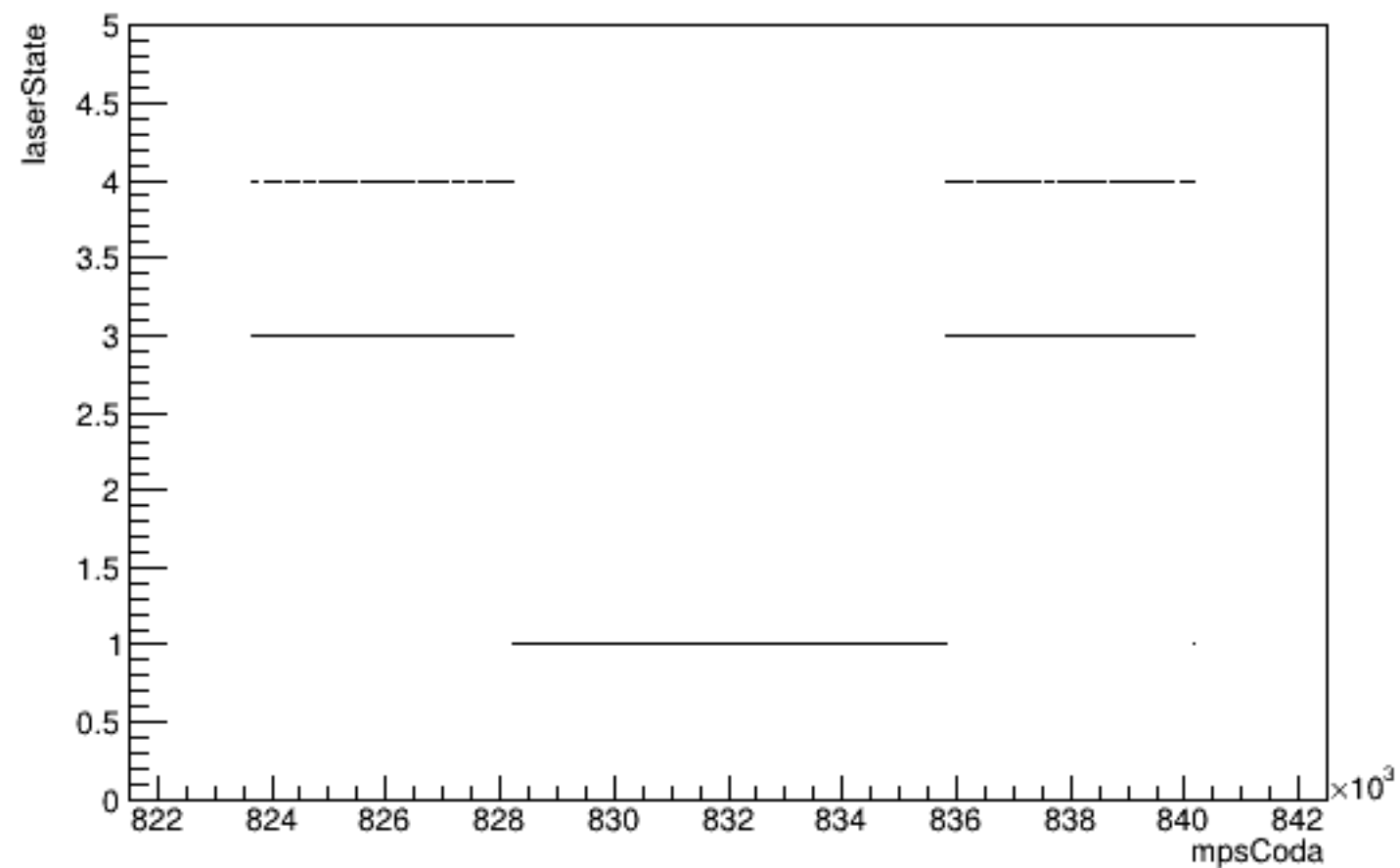
Run 5747 quartetwise, Asyms



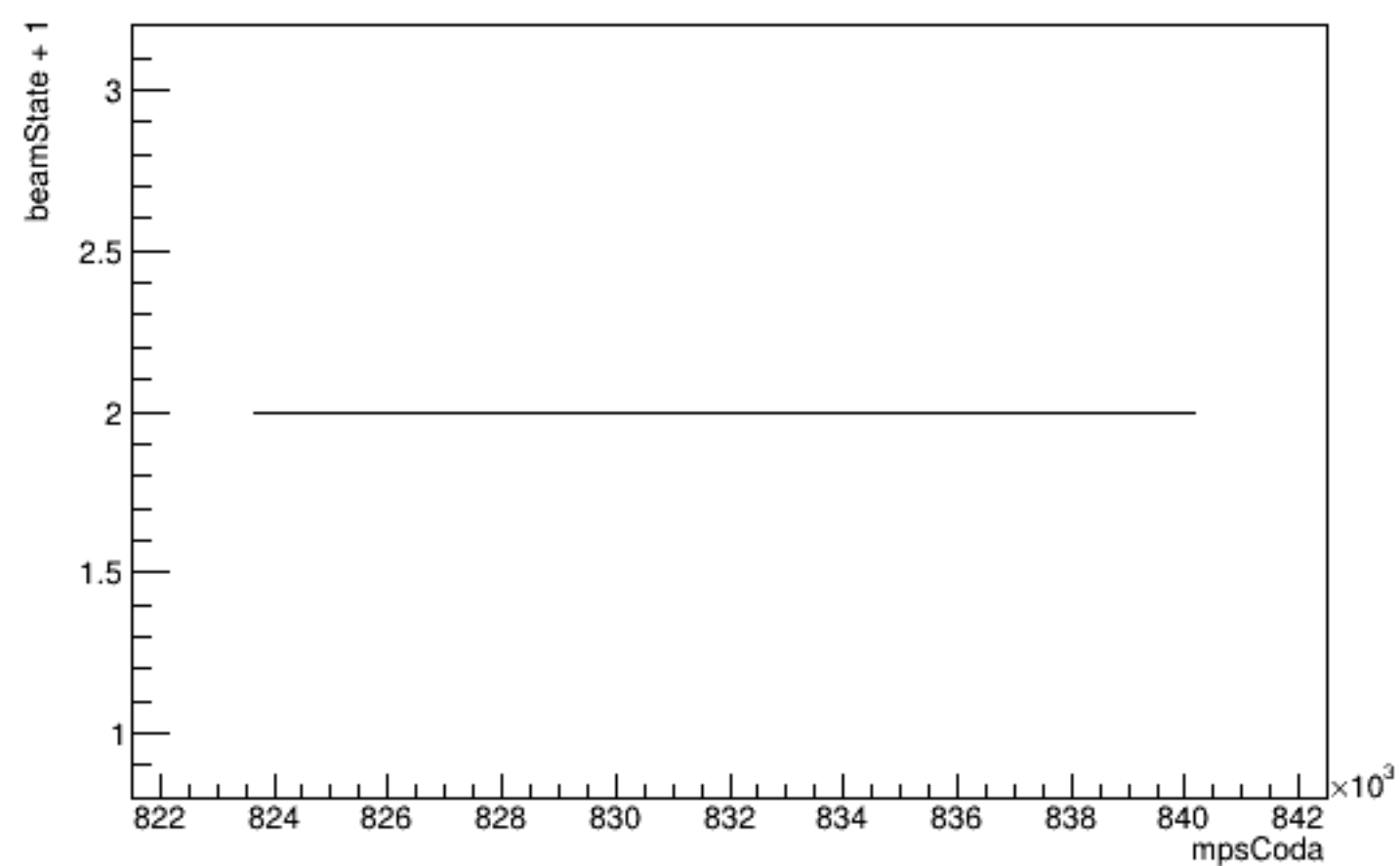
Acc0/NAcc0:mpsCoda (mpsCoda>=823641 && mpsCoda<=840164 && beamState==1)



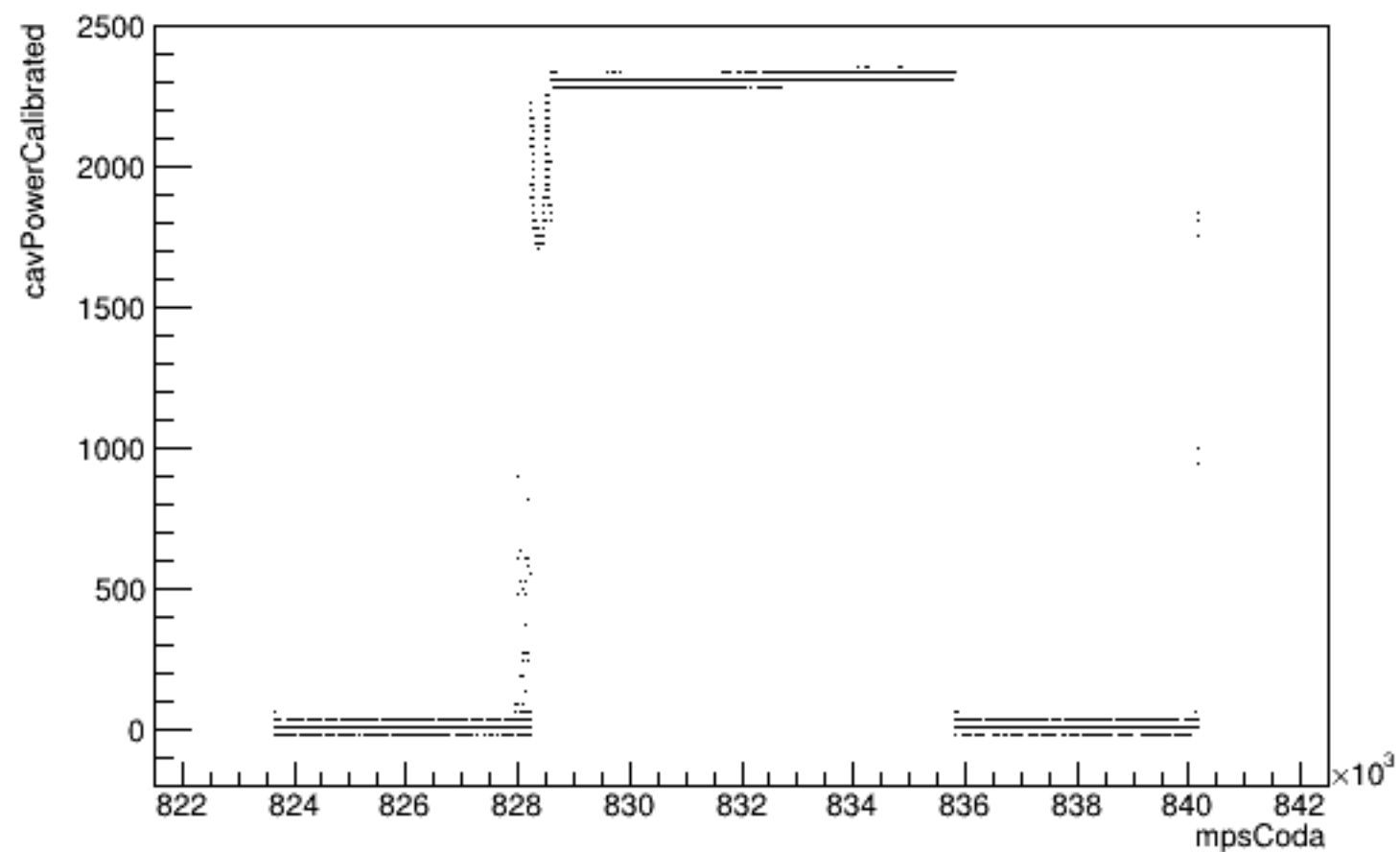
laserState:mpsCoda {mpsCoda>=823641 && mpsCoda<=840164}



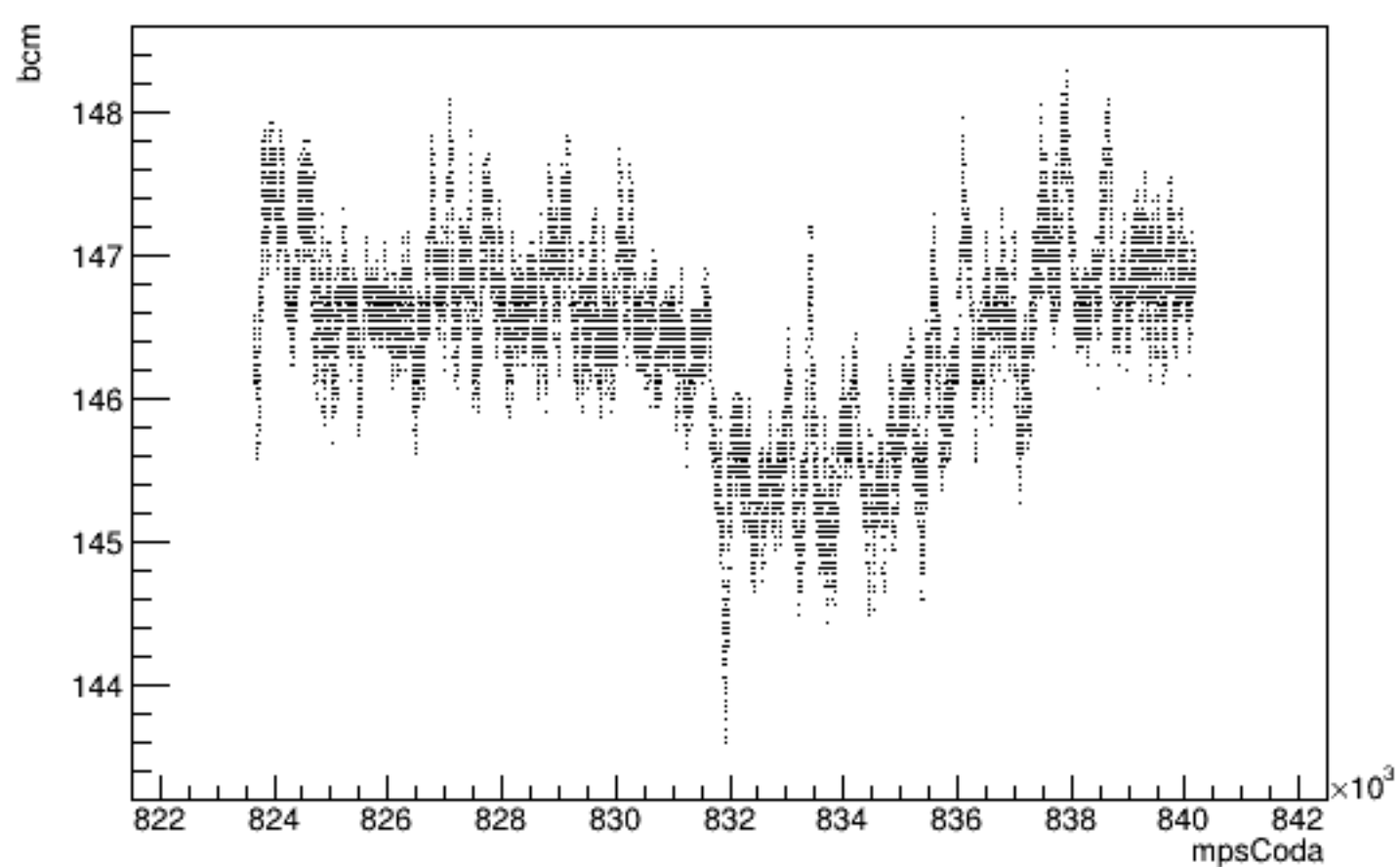
beamState + 1:mpsCoda {mpsCoda>=823641 && mpsCoda<=840164}



cavPowerCalibrated:mpsCoda {mpsCoda>=823641 && mpsCoda<=840164}



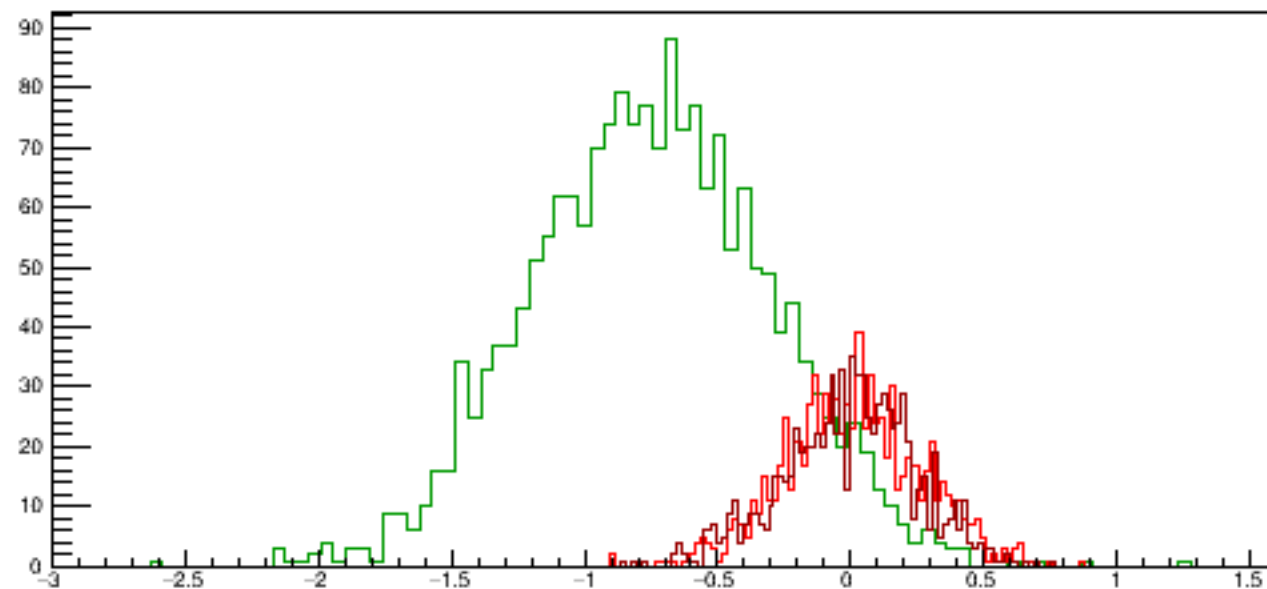
bcm:mpsCoda {mpsCoda>=823641 && mpsCoda<=840164}



Cycle 23, Diffs

Entries: 844	Entries: 1904	Entries: 880
Mean: 0.0061 +/- 0.0089	Mean: -0.7491 +/- 0.0103	Mean: -0.0074 +/- 0.0085
Std Dev: 0.2598 +/- 0.0063	Std Dev: 0.4507 +/- 0.0073	Std Dev: 0.2520 +/- 0.0060

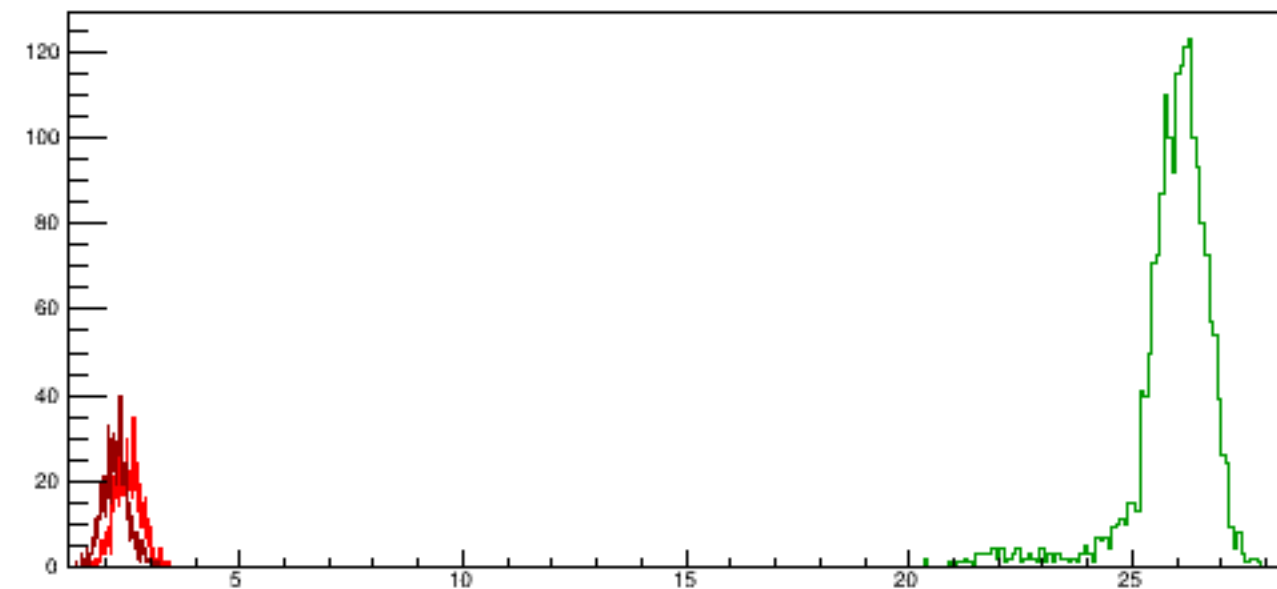
Run 5747 quartetwise, Diffs



Cycle 23, Sums

Entries: 844	Entries: 1904	Entries: 880
Mean: 2.4983 +/- 0.0098	Mean: 25.9184 +/- 0.0211	Mean: 2.2127 +/- 0.0096
Std Dev: 0.2839 +/- 0.0069	Std Dev: 0.9213 +/- 0.0149	Std Dev: 0.2855 +/- 0.0068

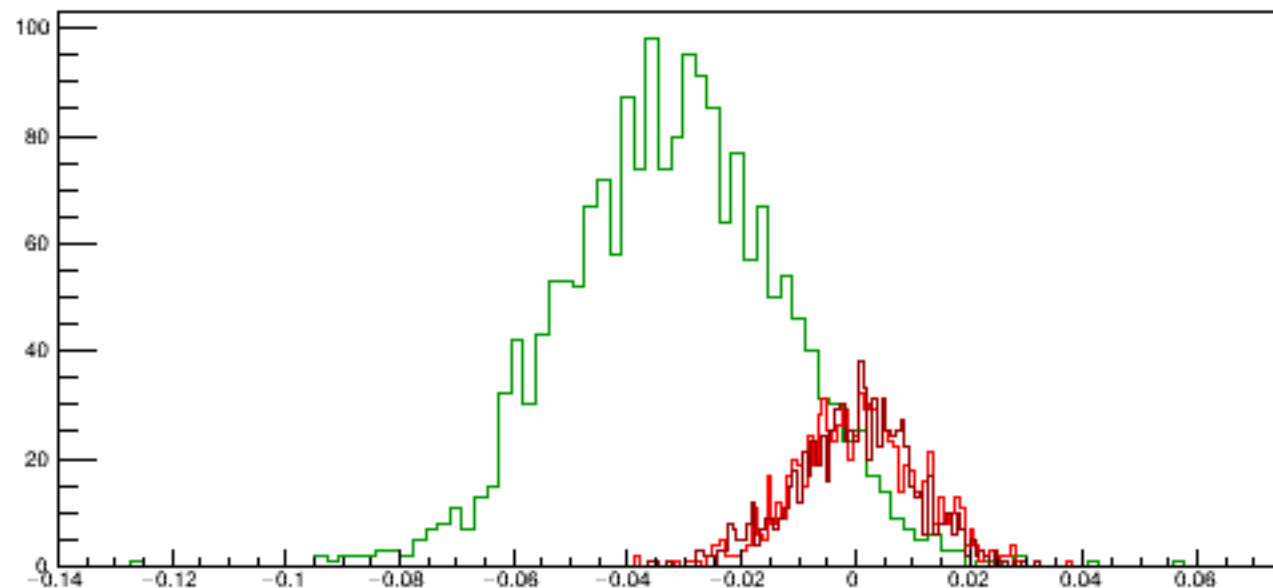
Run 5747 quartetwise, Sums



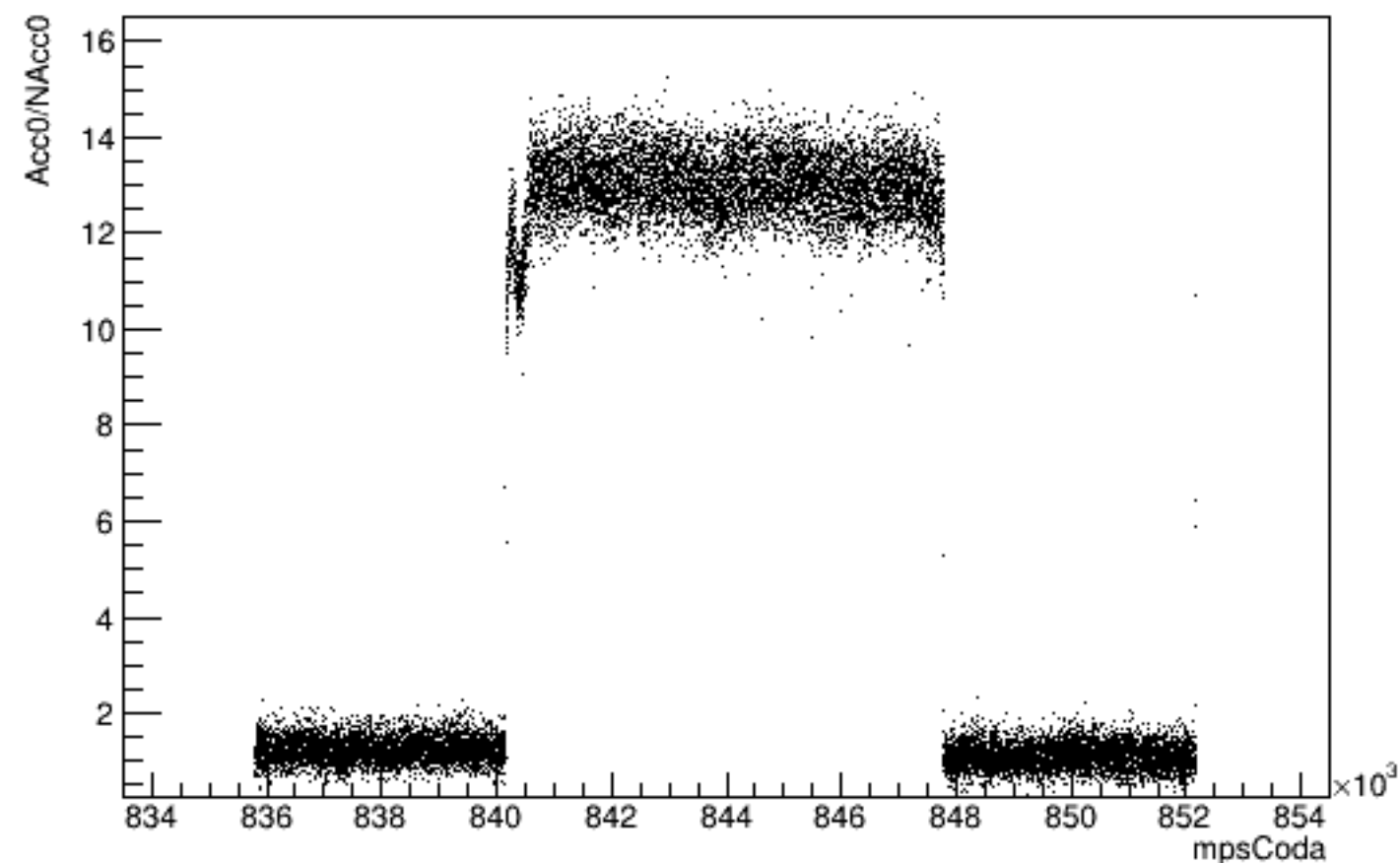
Cycle 23, Asyms

Entries: 844	Entries: 1904	Entries: 880
Mean: 0.0003 +/- 0.0004	Mean: -0.0318 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0110 +/- 0.0003	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0107 +/- 0.0003

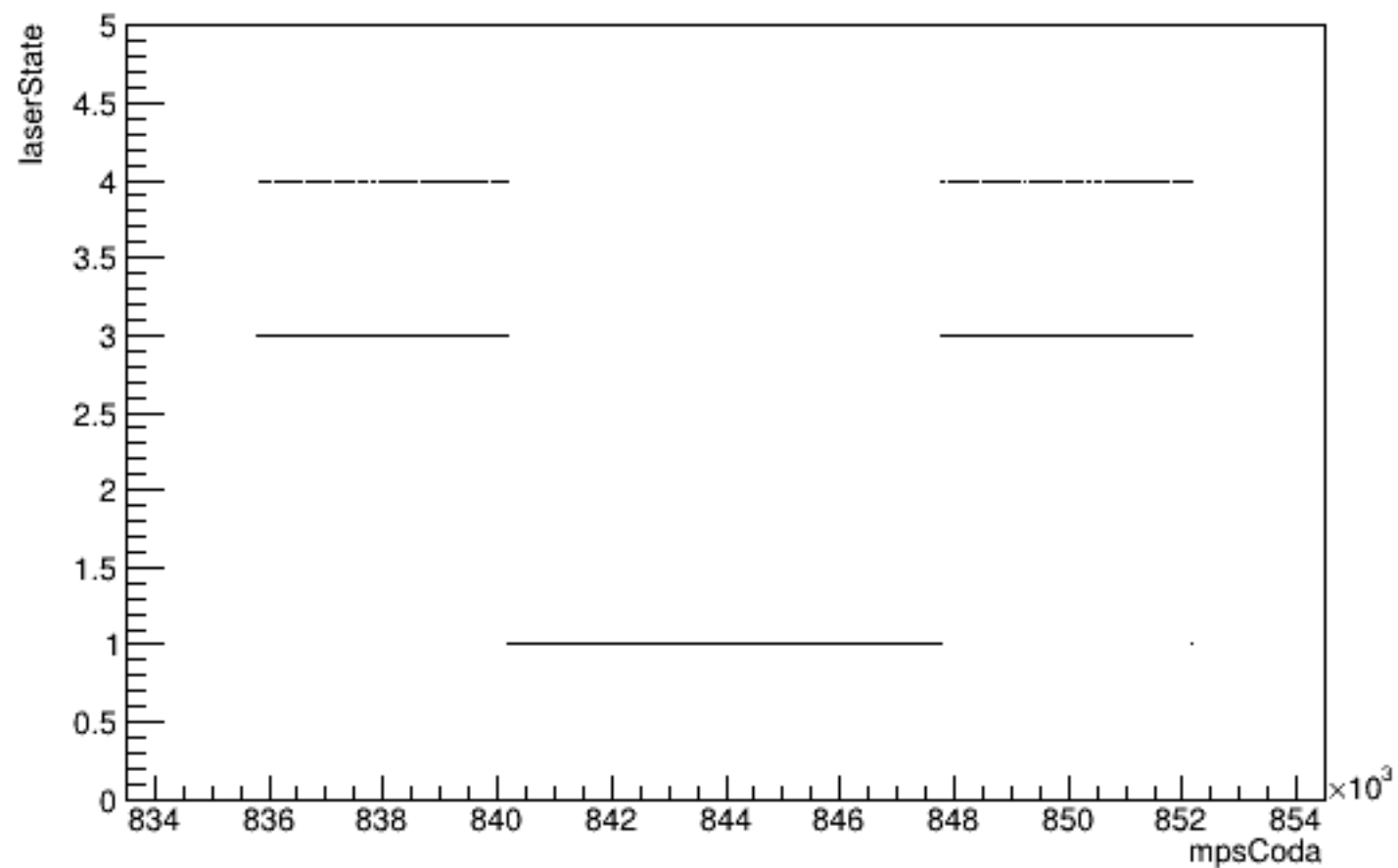
Run 5747 quartetwise, Asyms



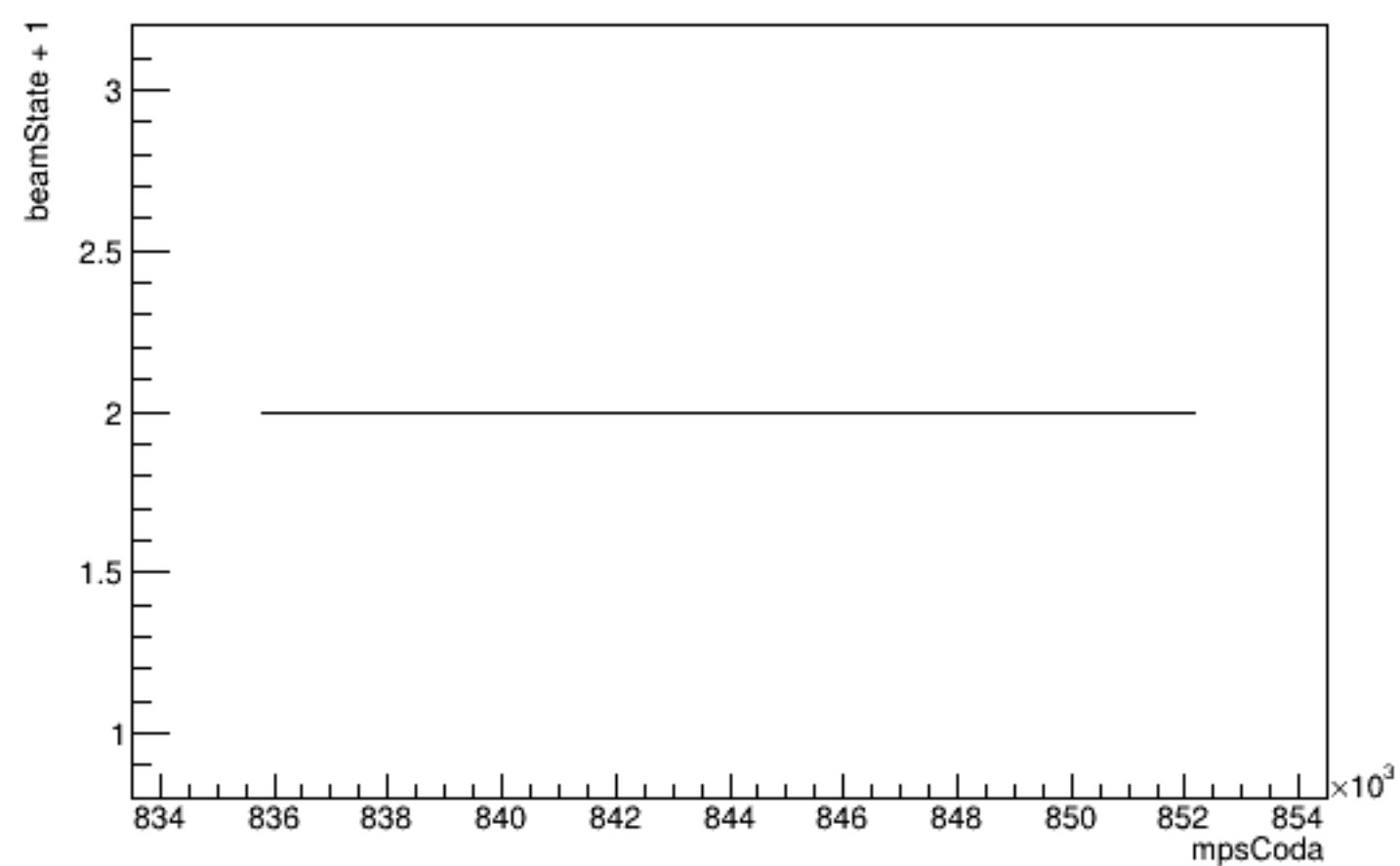
Acc0/NAcc0:mpsCoda (mpsCoda>=835805 && mpsCoda<=852160 && beamState==1)



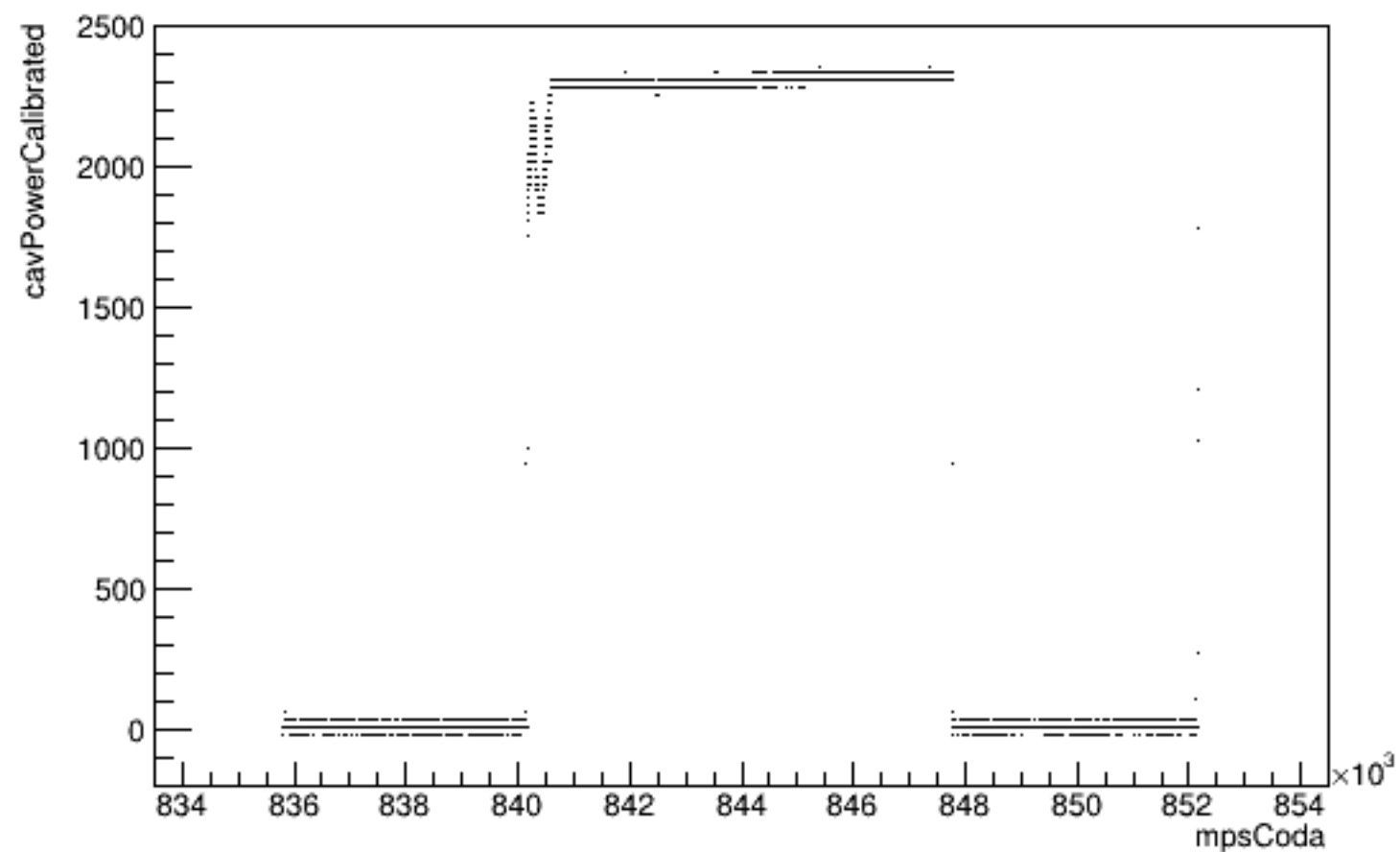
laserState:mpsCoda {mpsCoda>=835805 && mpsCoda<=852160}



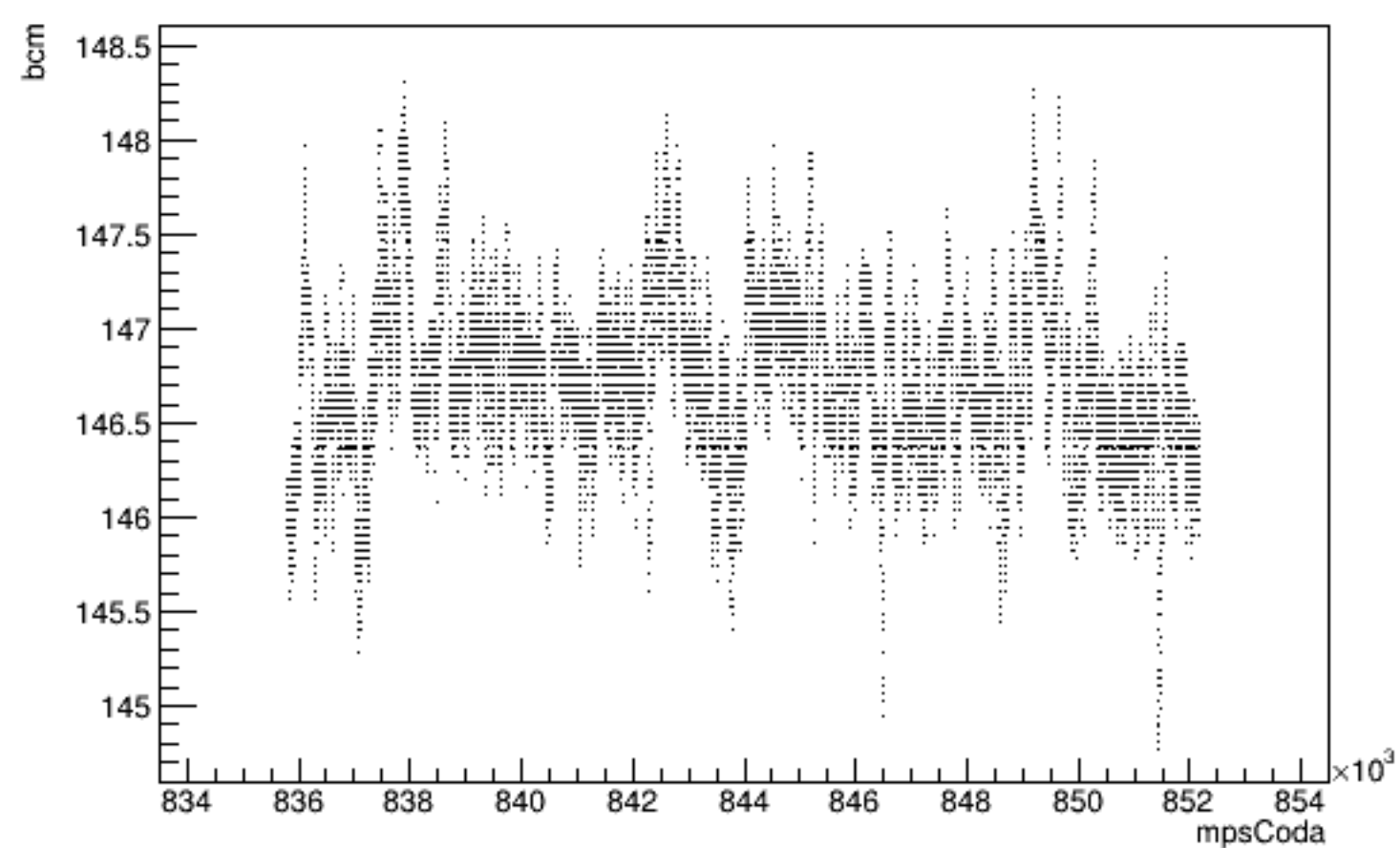
beamState + 1:mpsCoda {mpsCoda>=835805 && mpsCoda<=852160}



cavPowerCalibrated:mpsCoda {mpsCoda>=835805 && mpsCoda<=852160}



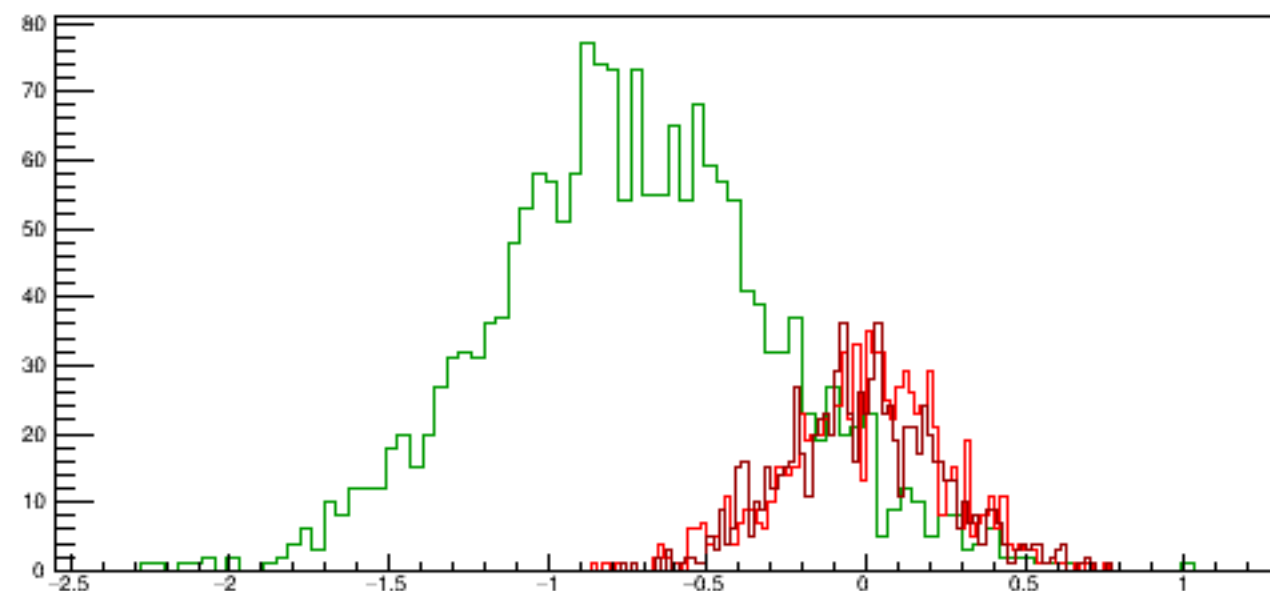
bcm:mpsCoda {mpsCoda>=835805 && mpsCoda<=852160}



Cycle 24, Diffs

Entries: 880	Entries: 1883	Entries: 861
Mean: -0.0074 +/- 0.0085	Mean: -0.7359 +/- 0.0103	Mean: -0.0109 +/- 0.0086
Std Dev: 0.2520 +/- 0.0060	Std Dev: 0.4482 +/- 0.0073	Std Dev: 0.2515 +/- 0.0061

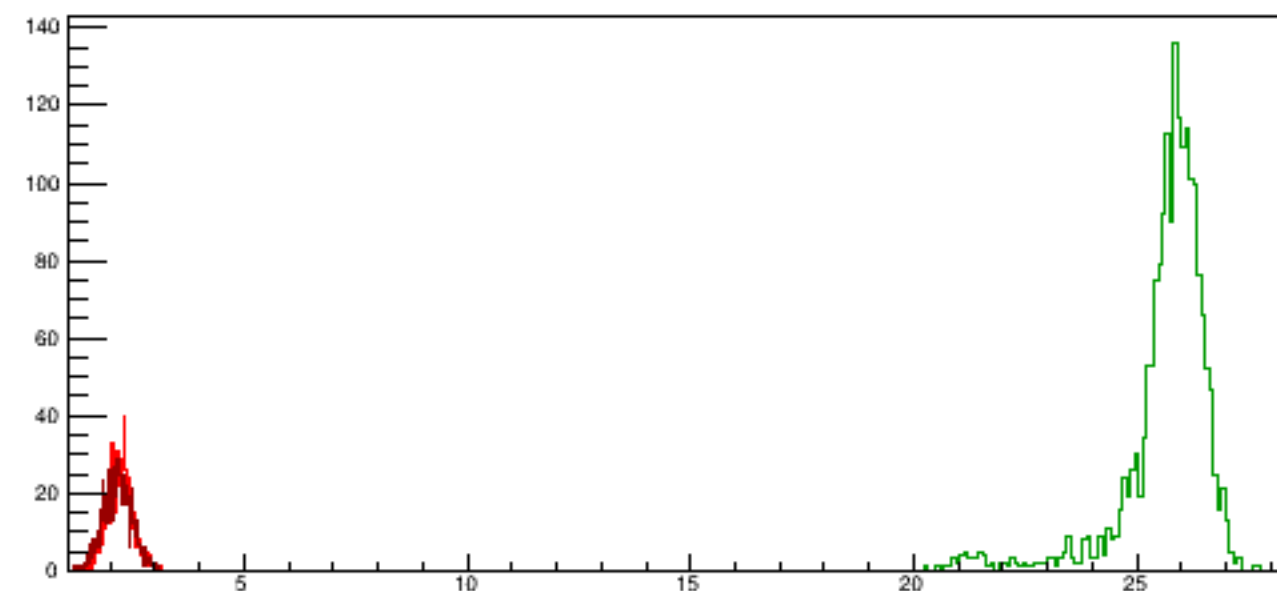
Run 5747 quartetwise, Diffs



Cycle 24, Sums

Entries: 880	Entries: 1883	Entries: 861
Mean: 2.2127 +/- 0.0096	Mean: 25.6708 +/- 0.0229	Mean: 2.1604 +/- 0.0107
Std Dev: 0.2855 +/- 0.0068	Std Dev: 0.9959 +/- 0.0162	Std Dev: 0.3143 +/- 0.0076

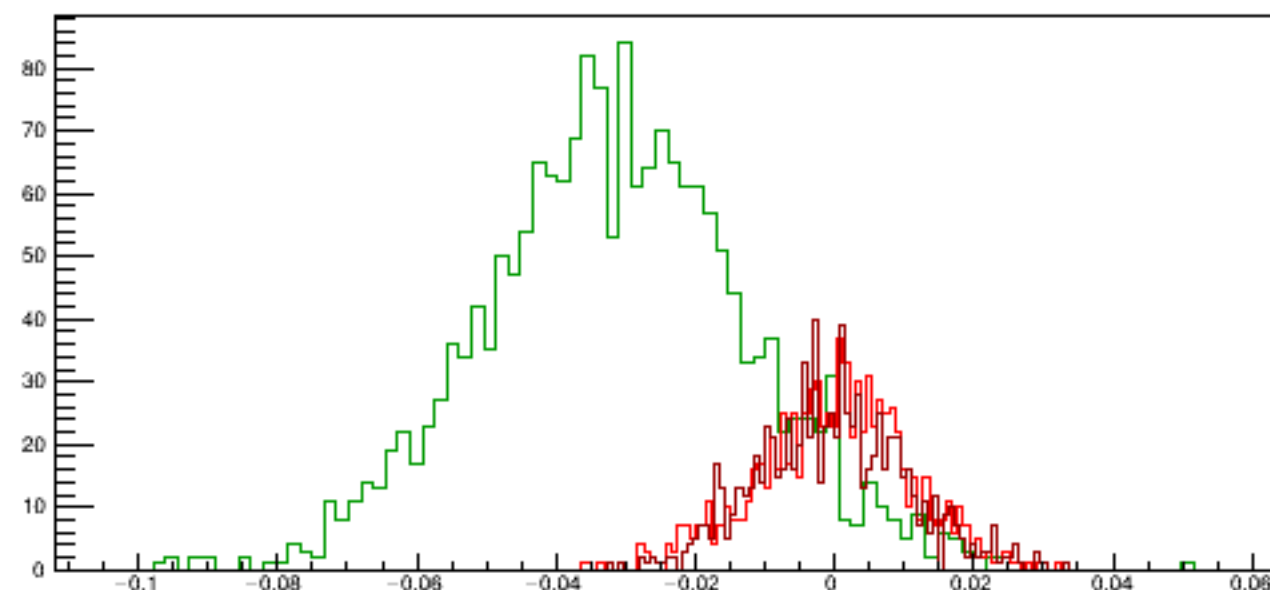
Run 5747 quartetwise, Sums



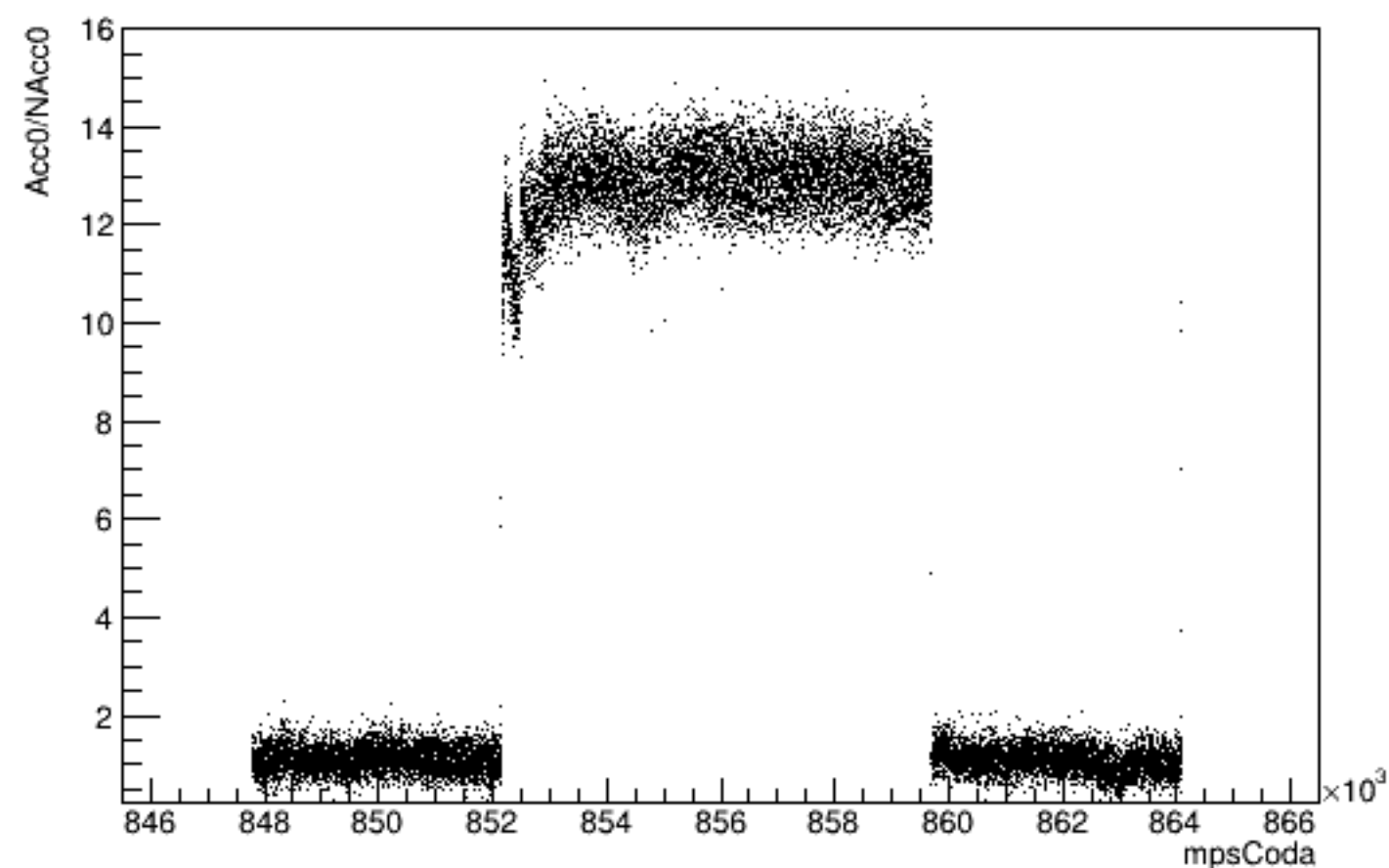
Cycle 24, Asyms

Entries: 880	Entries: 1883	Entries: 861
Mean: -0.0003 +/- 0.0004	Mean: -0.0313 +/- 0.0004	Mean: -0.0005 +/- 0.0004
Std Dev: 0.0107 +/- 0.0003	Std Dev: 0.0192 +/- 0.0003	Std Dev: 0.0107 +/- 0.0003

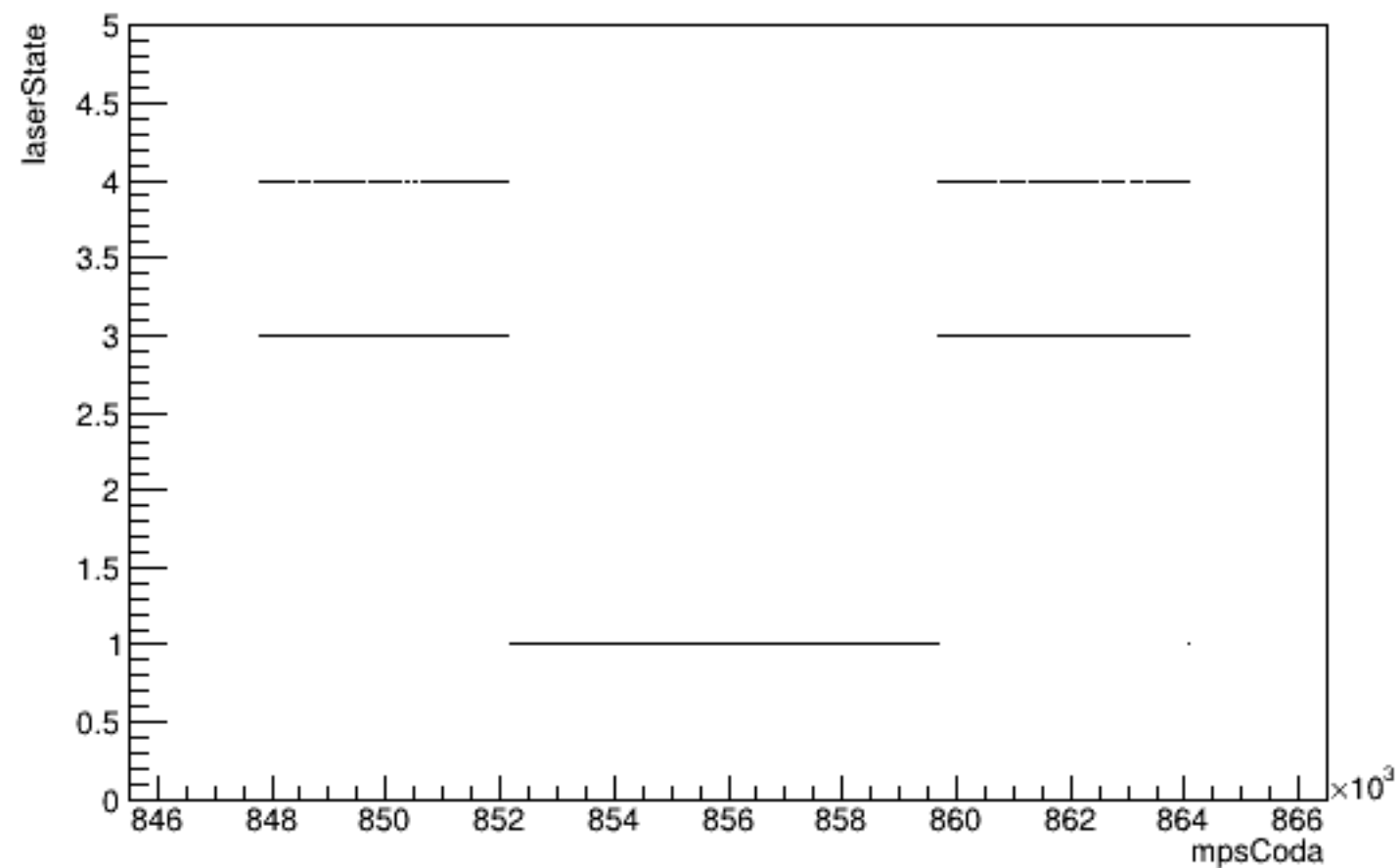
Run 5747 quartetwise, Asyms



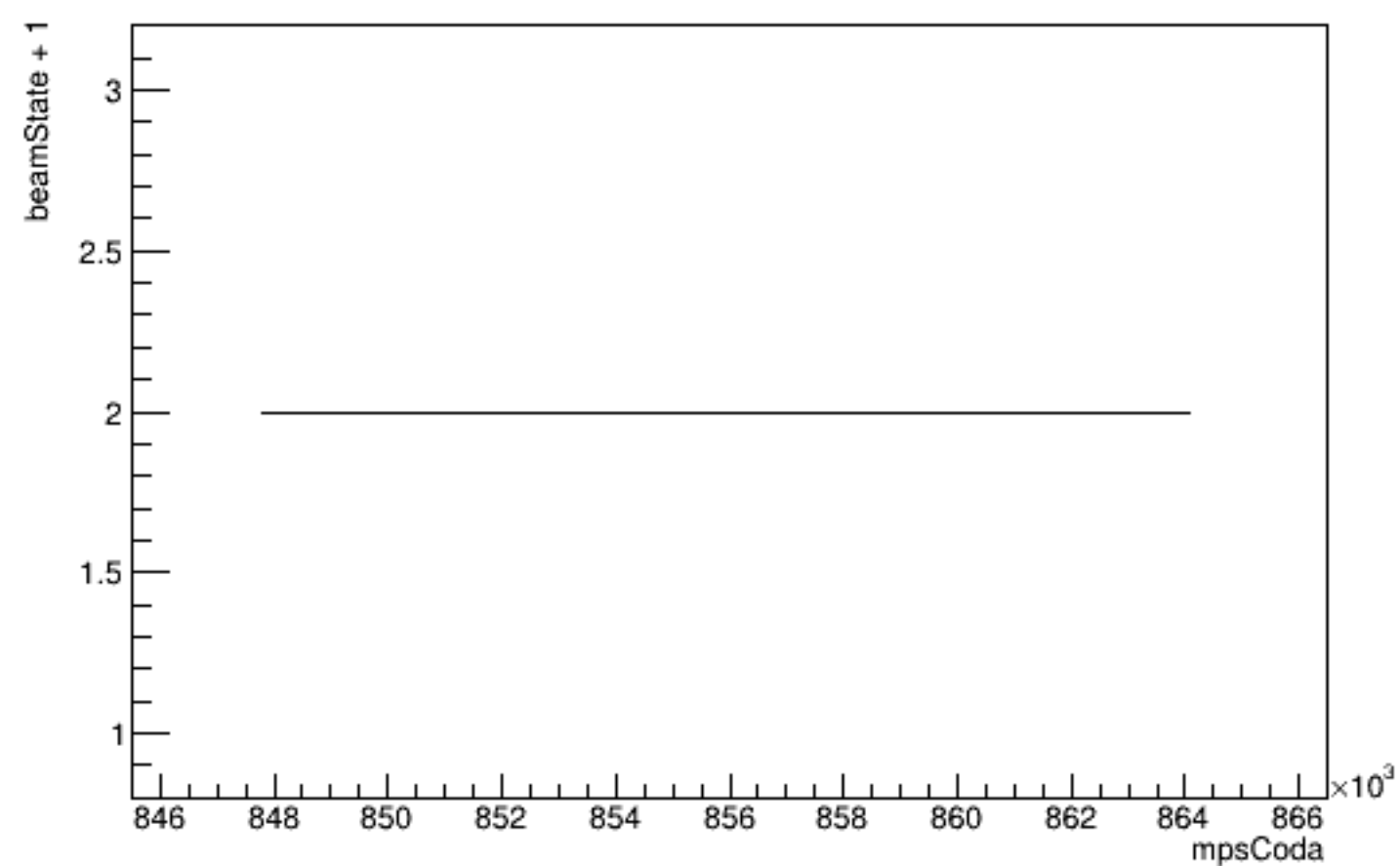
Acc0/NAcc0:mpsCoda (mpsCoda>=847789 && mpsCoda<=864084 && beamState==1)



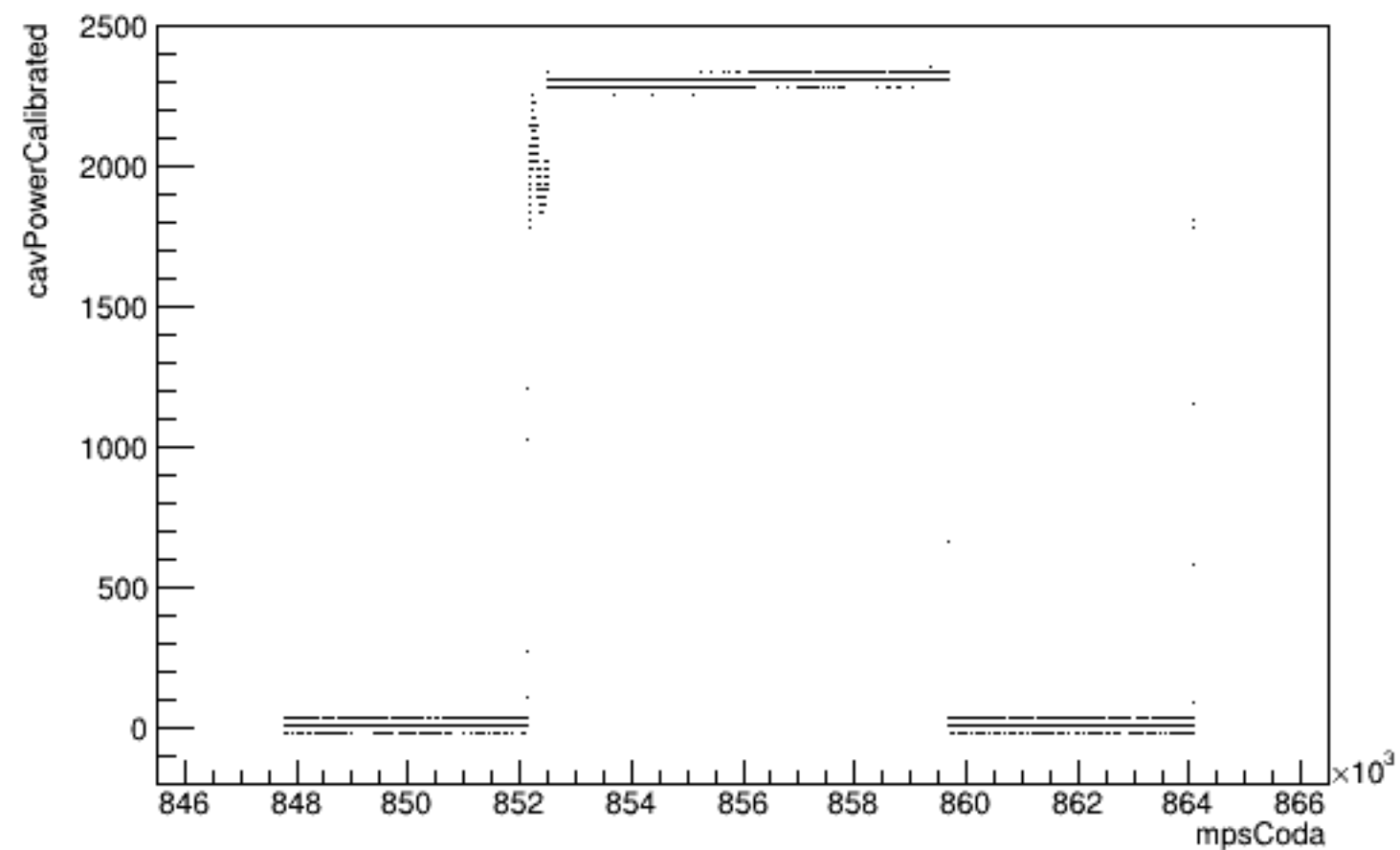
laserState:mpsCoda {mpsCoda>=847789 && mpsCoda<=864084}



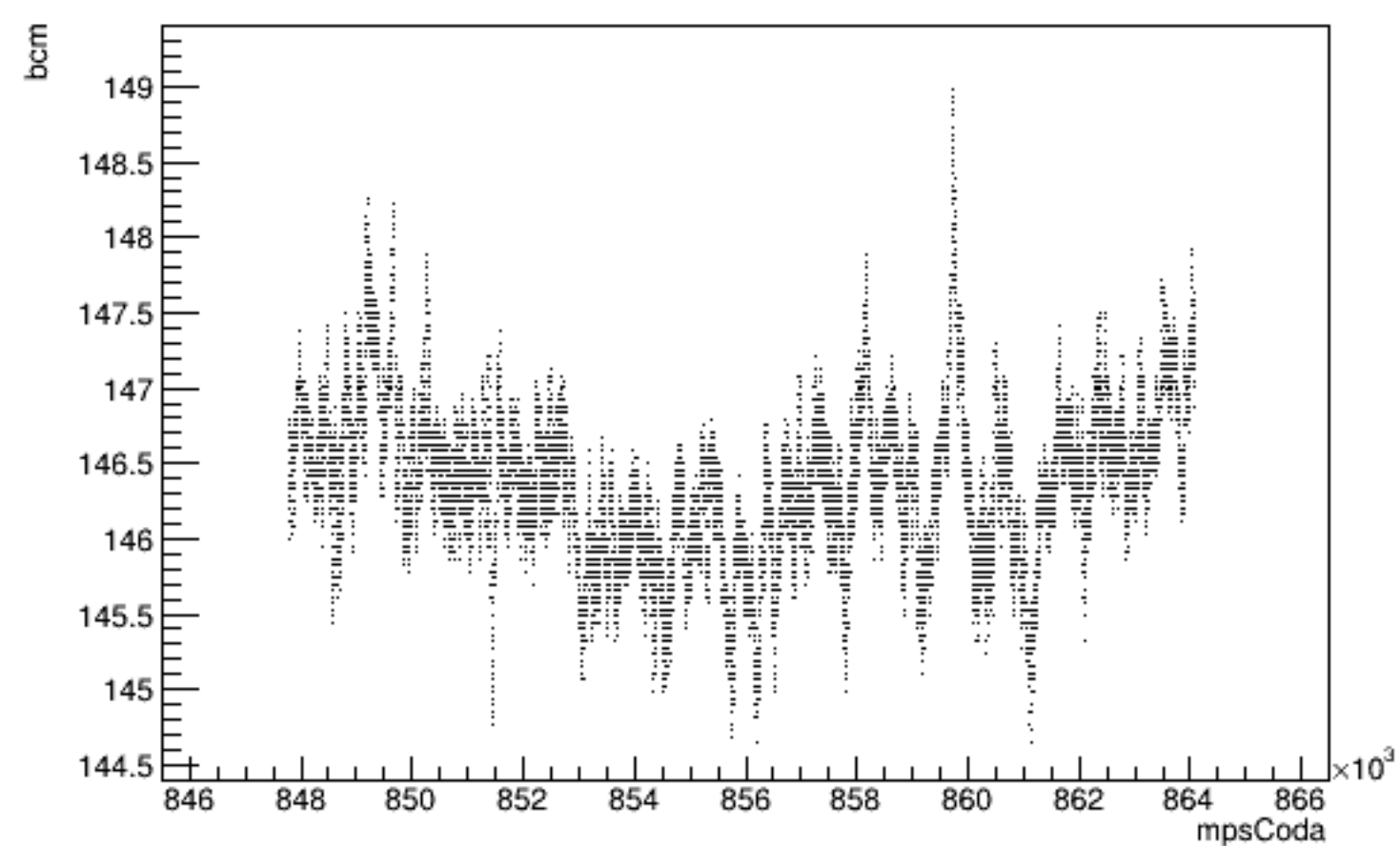
beamState + 1:mpsCoda {mpsCoda>=847789 && mpsCoda<=864084}



cavPowerCalibrated:mpsCoda {mpsCoda>=847789 && mpsCoda<=864084}



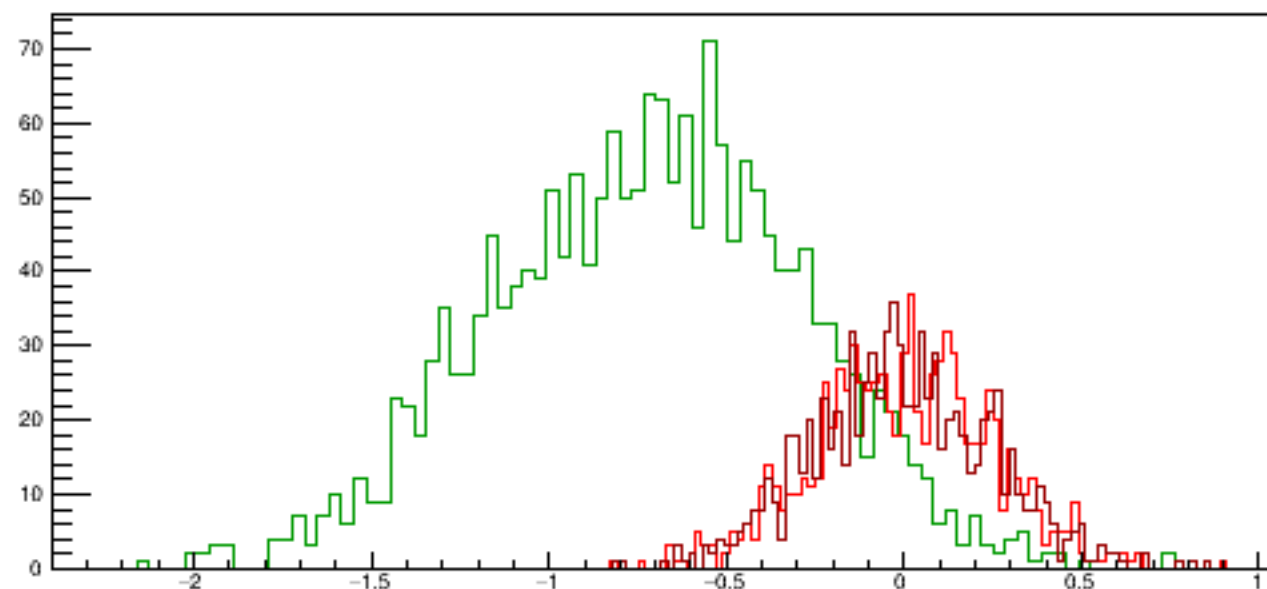
bcm:mpsCoda {mpsCoda>=847789 && mpsCoda<=864084}



Cycle 25, Diffs

Entries: 847	Entries: 1890	Entries: 860
Mean: -0.0017 +/- 0.0085	Mean: -0.7197 +/- 0.0100	Mean: -0.0074 +/- 0.0086
Std Dev: 0.2473 +/- 0.0060	Std Dev: 0.4342 +/- 0.0071	Std Dev: 0.2507 +/- 0.0060

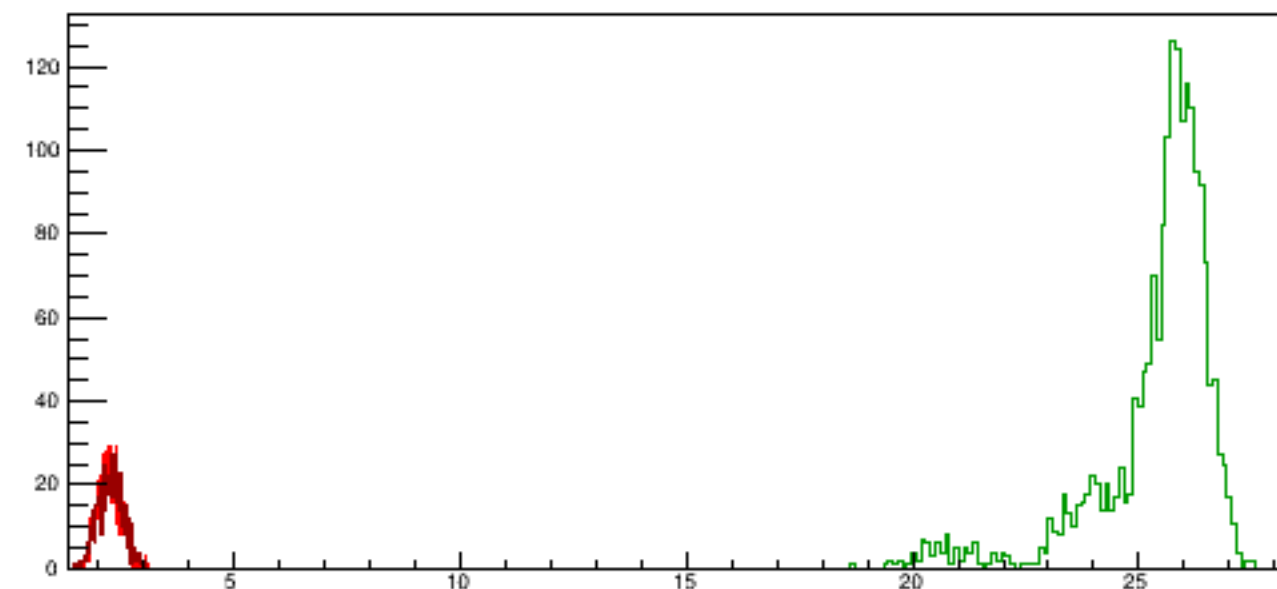
Run 5747 quartetwise, Diffs



Cycle 25, Sums

Entries: 847	Entries: 1890	Entries: 860
Mean: 2.2675 +/- 0.0090	Mean: 25.3837 +/- 0.0308	Mean: 2.2835 +/- 0.0097
Std Dev: 0.2627 +/- 0.0064	Std Dev: 1.3384 +/- 0.0218	Std Dev: 0.2836 +/- 0.0068

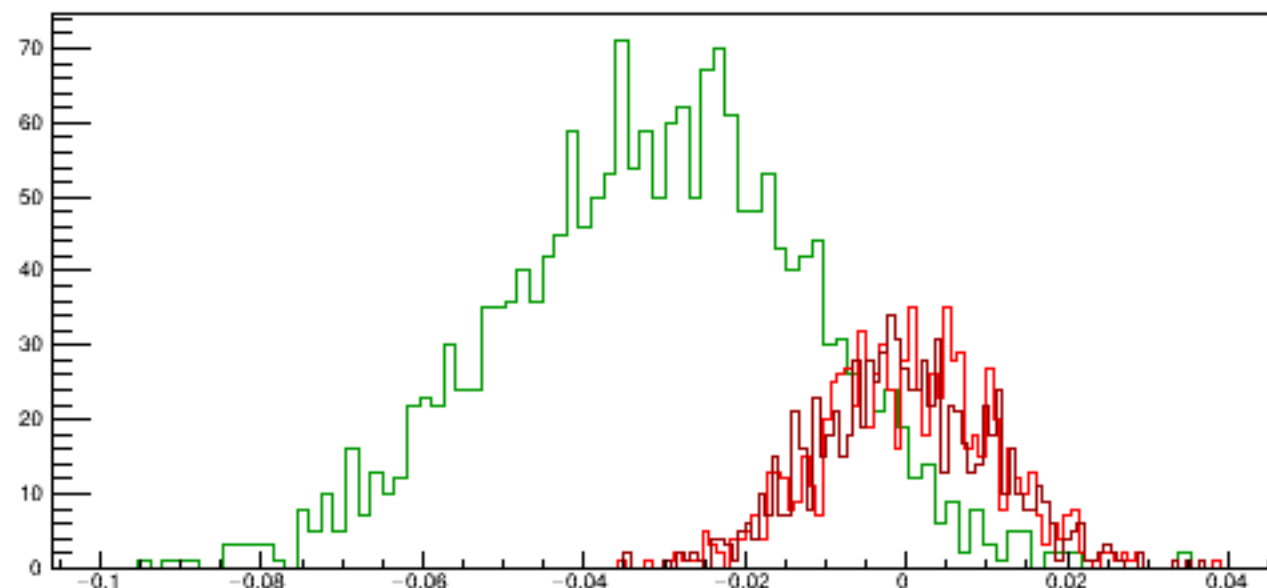
Run 5747 quartetwise, Sums



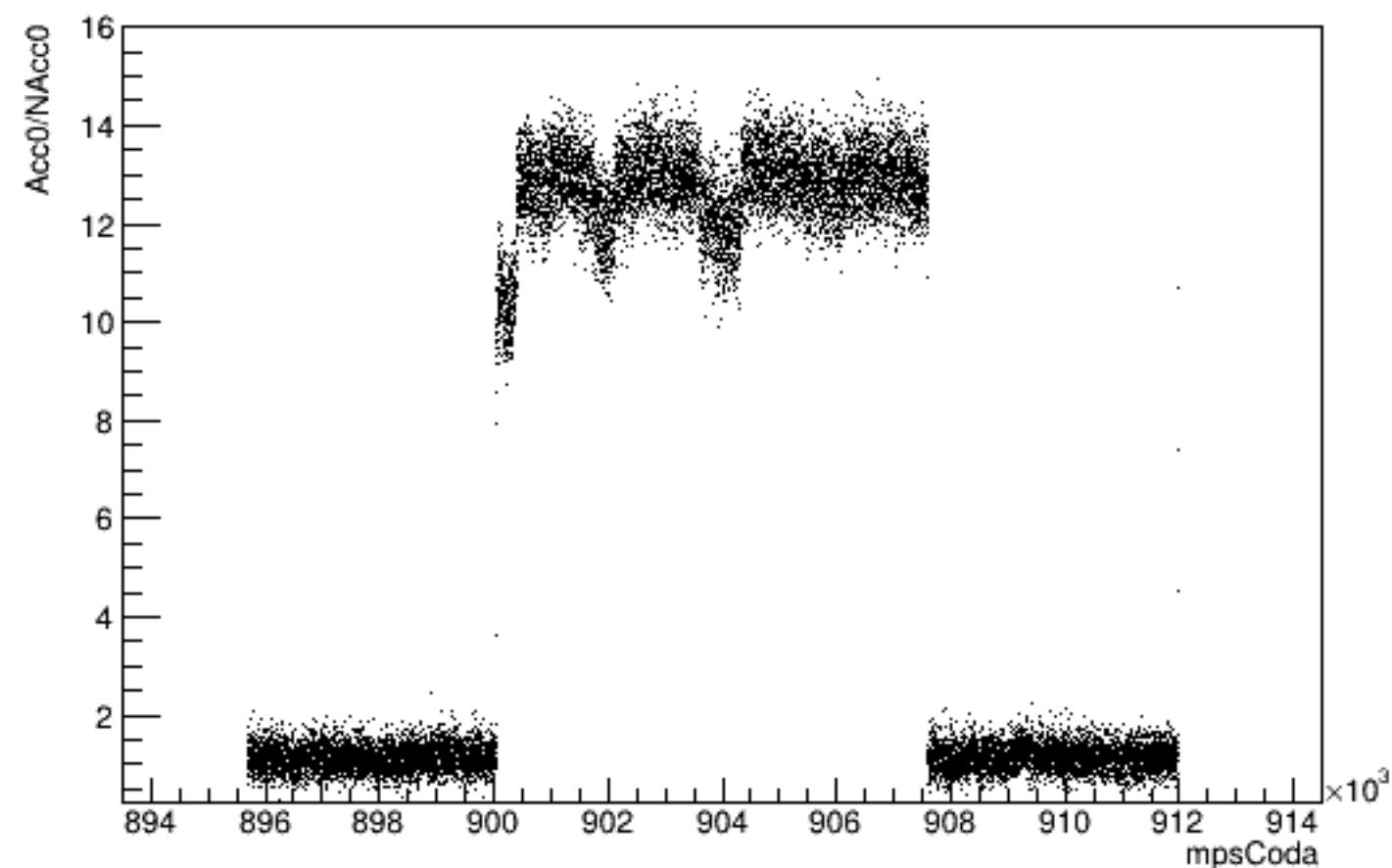
Cycle 25, Asyms

Entries: 847	Entries: 1890	Entries: 860
Mean: -0.0001 +/- 0.0004	Mean: -0.0312 +/- 0.0004	Mean: -0.0003 +/- 0.0004
Std Dev: 0.0107 +/- 0.0003	Std Dev: 0.0189 +/- 0.0003	Std Dev: 0.0109 +/- 0.0003

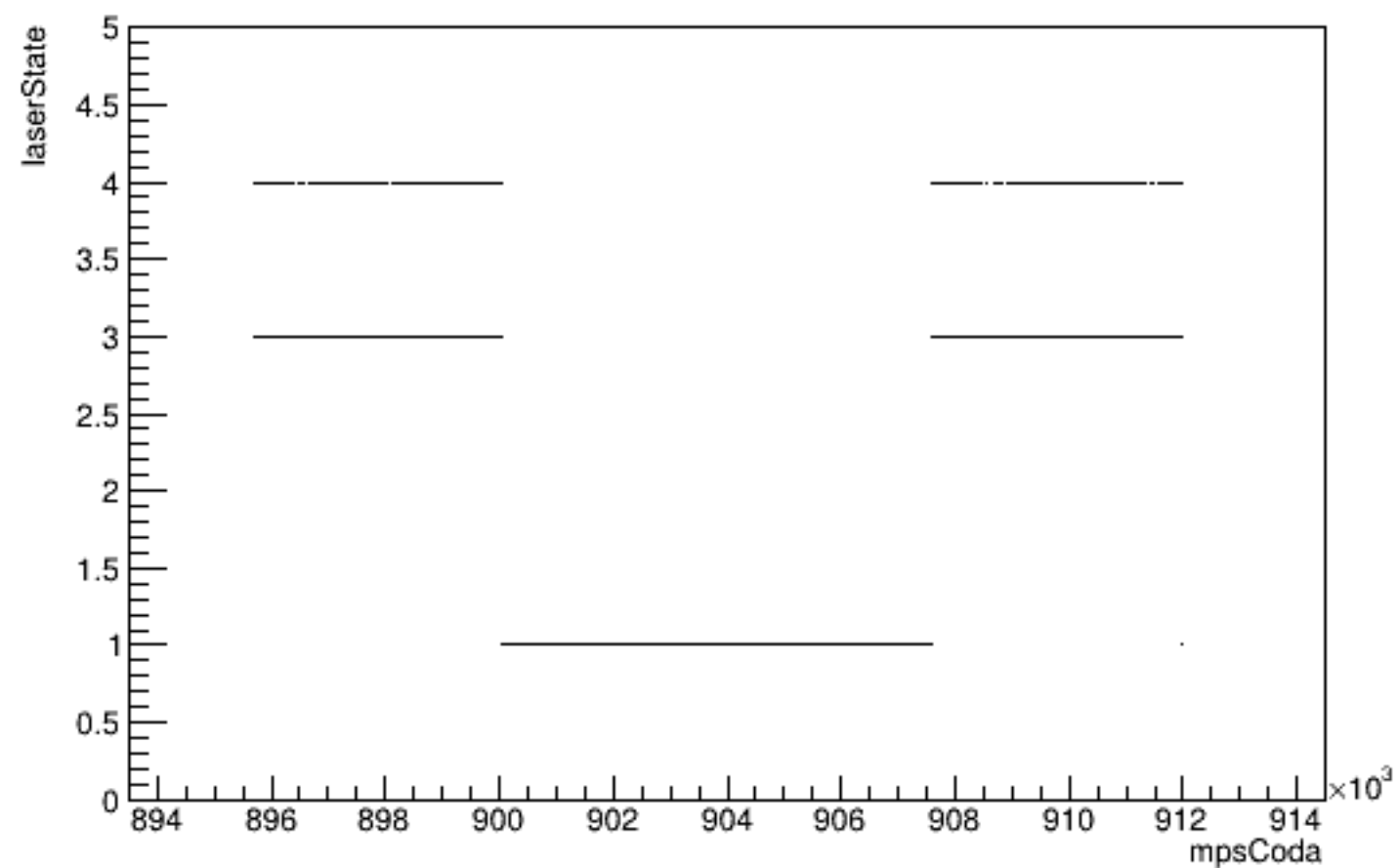
Run 5747 quartetwise, Asyms



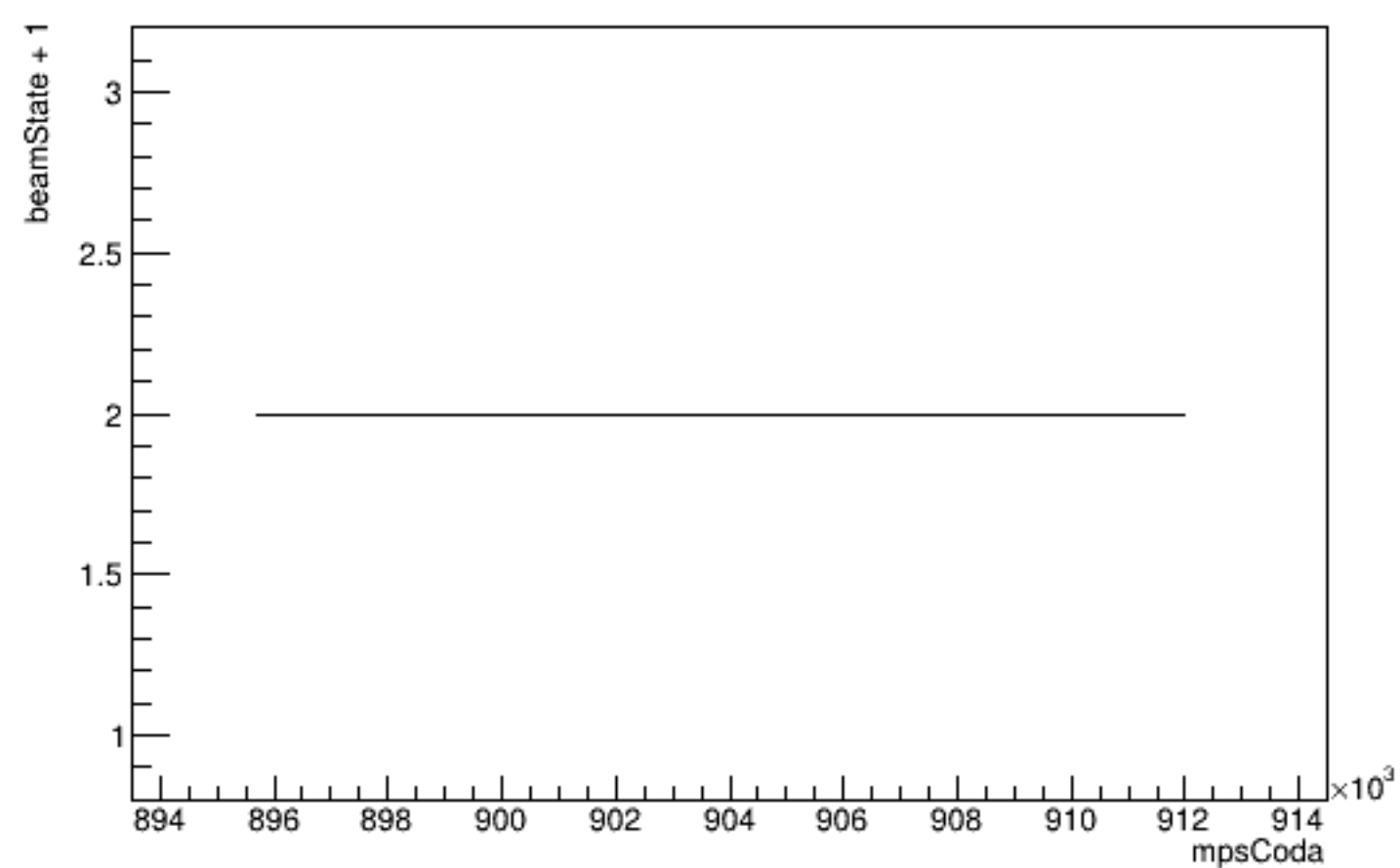
Acc0/NAcc0:mpsCoda (mpsCoda>=895689 && mpsCoda<=911968 && beamState==1)



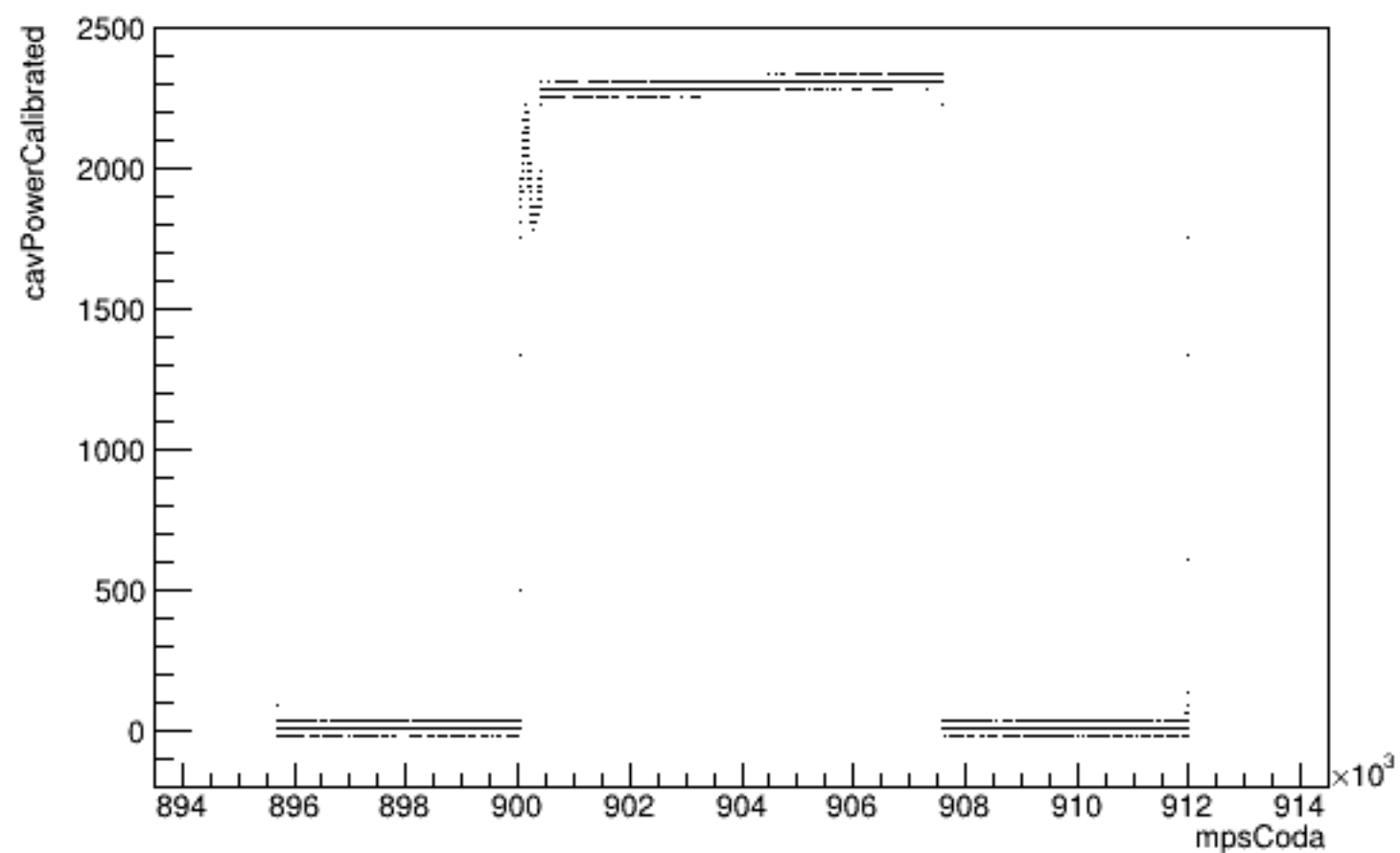
laserState:mpsCoda {mpsCoda>=895689 && mpsCoda<=911968}



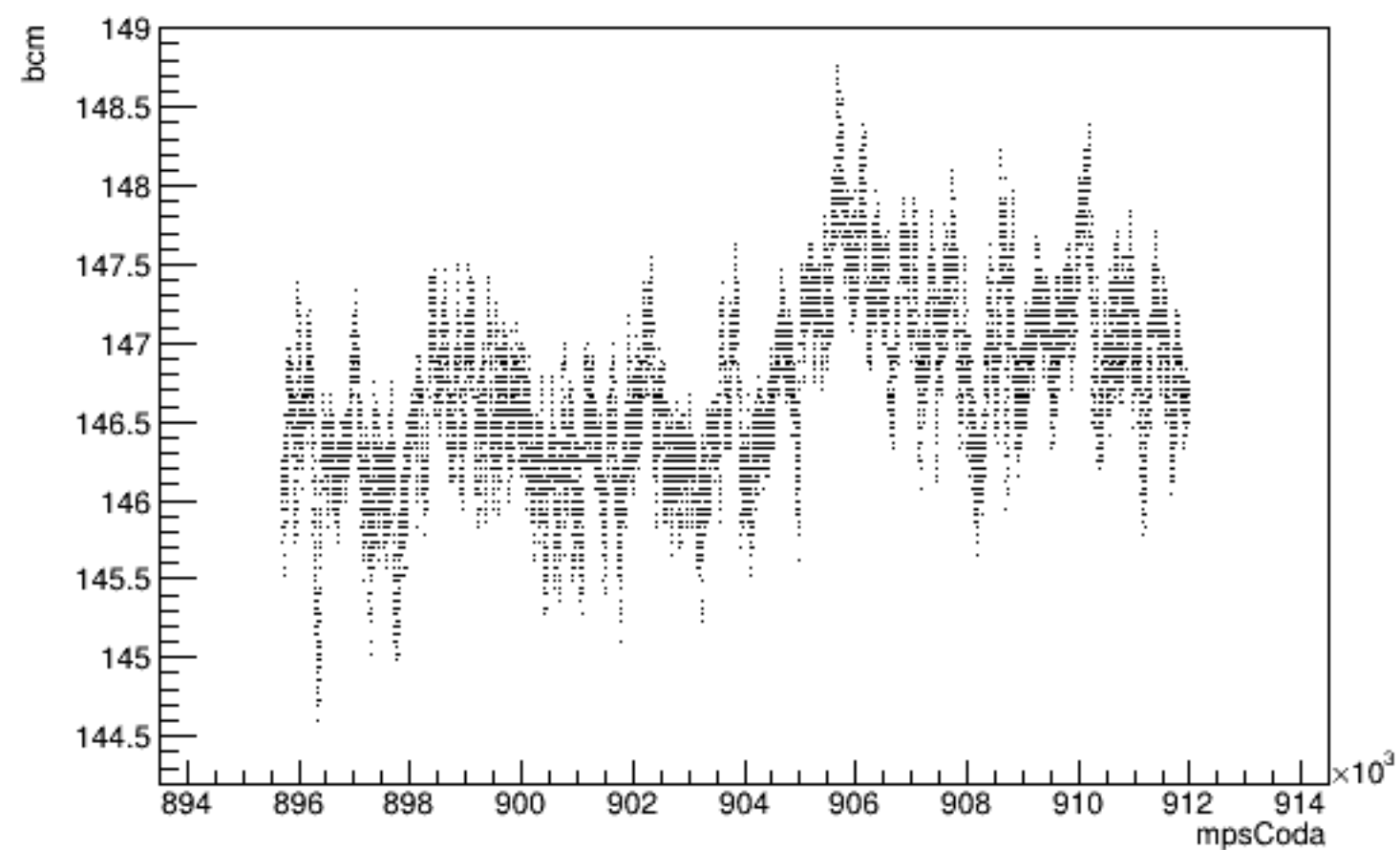
beamState + 1:mpsCoda {mpsCoda>=895689 && mpsCoda<=911968}



cavPowerCalibrated:mpsCoda {mpsCoda>=895689 && mpsCoda<=911968}



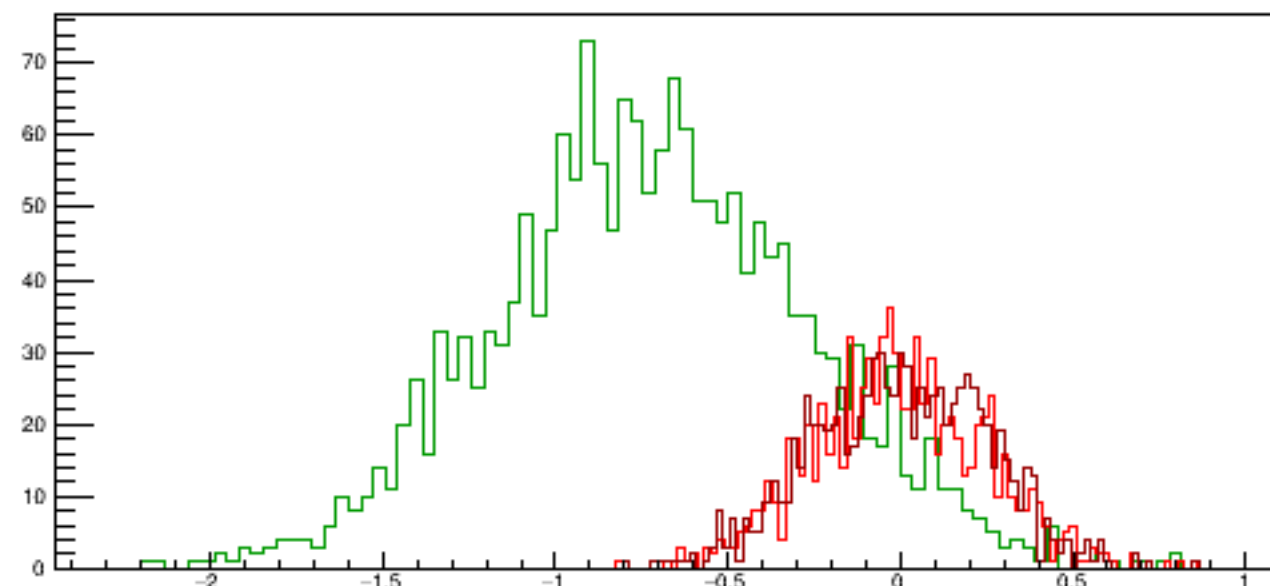
bcm:mpsCoda {mpsCoda>=895689 && mpsCoda<=911968}



Cycle 26, Diffs

Entries: 860	Entries: 1889	Entries: 896
Mean: -0.0074 +/- 0.0086	Mean: -0.7183 +/- 0.0104	Mean: -0.0019 +/- 0.0084
Std Dev: 0.2507 +/- 0.0060	Std Dev: 0.4542 +/- 0.0074	Std Dev: 0.2504 +/- 0.0059

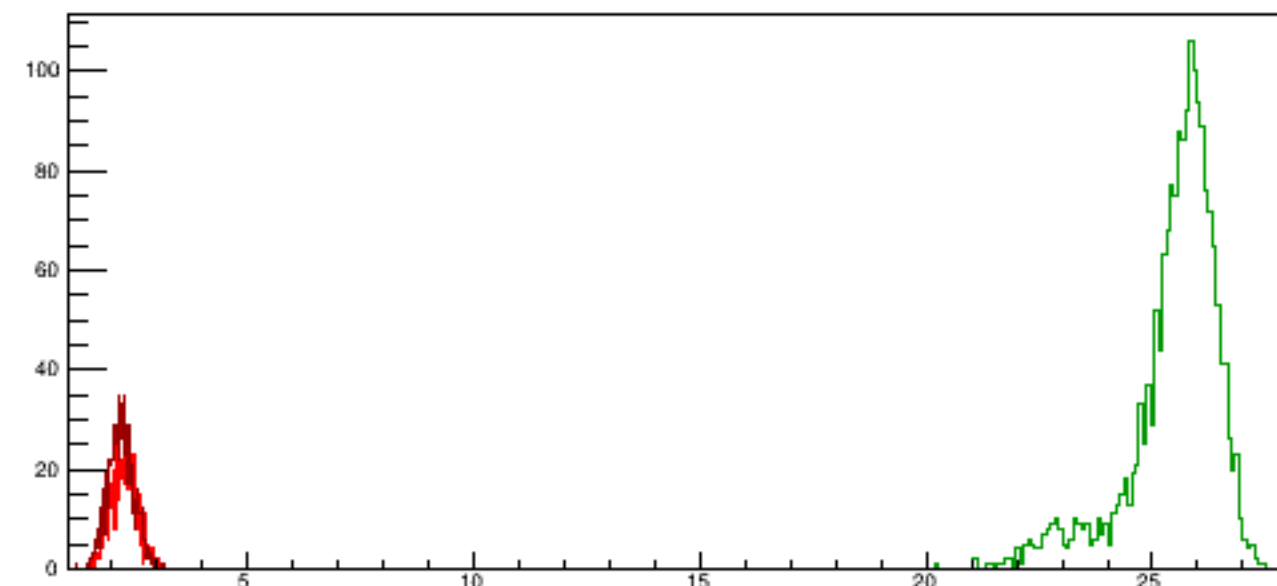
Run 5747 quartetwise, Diffs



Cycle 26, Sums

Entries: 860	Entries: 1889	Entries: 896
Mean: 2.2835 +/- 0.0097	Mean: 25.4855 +/- 0.0231	Mean: 2.2210 +/- 0.0096
Std Dev: 0.2836 +/- 0.0068	Std Dev: 1.0027 +/- 0.0163	Std Dev: 0.2866 +/- 0.0068

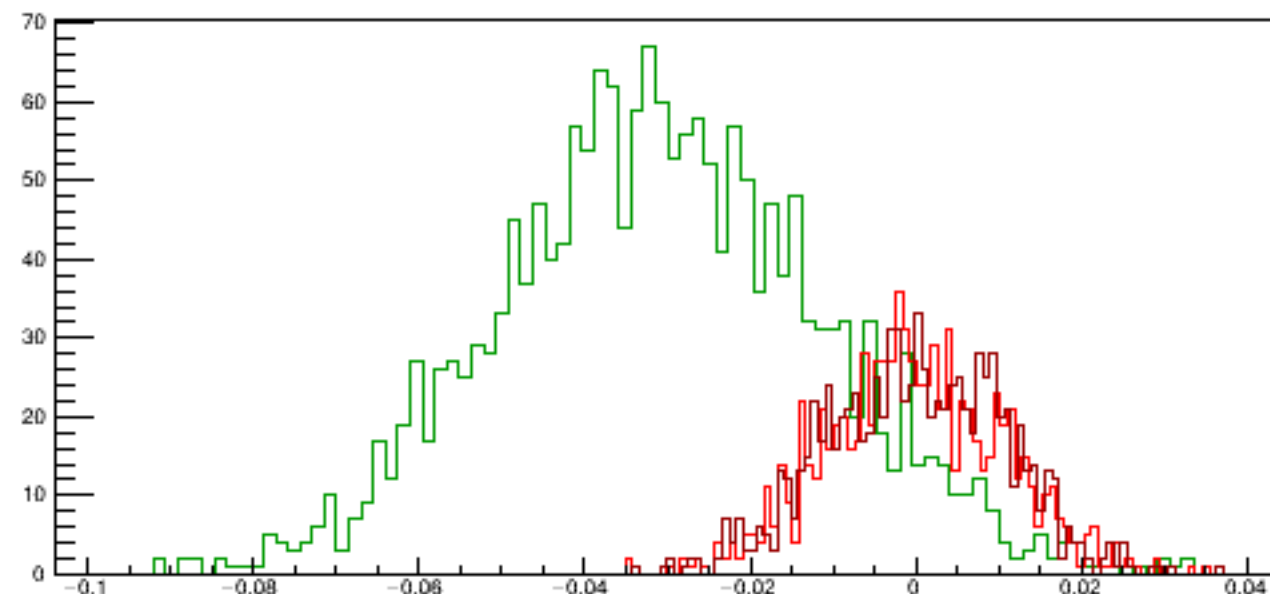
Run 5747 quartetwise, Sums



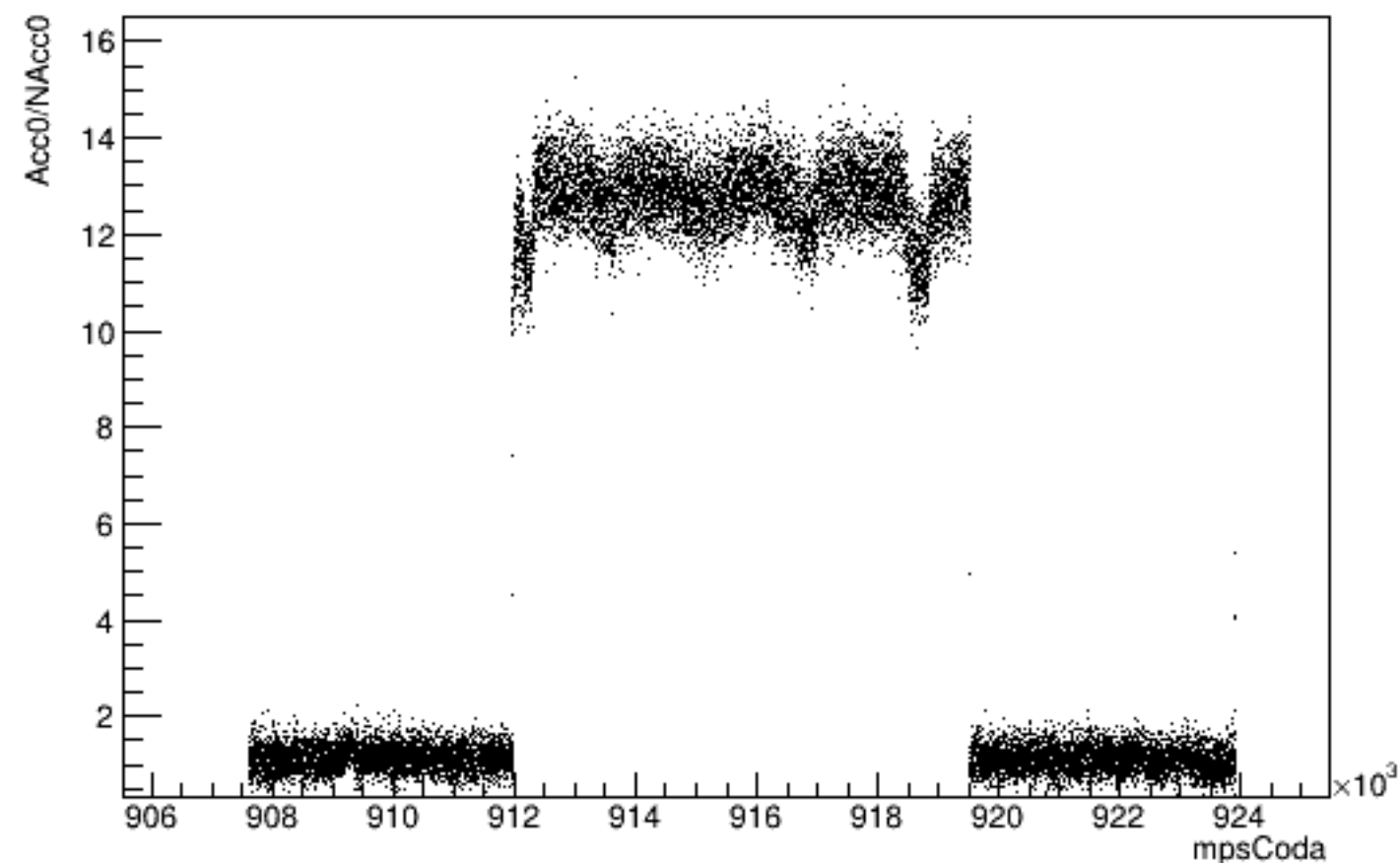
Cycle 26, Asyms

Entries: 860	Entries: 1889	Entries: 896
Mean: -0.0003 +/- 0.0004	Mean: -0.0309 +/- 0.0005	Mean: -0.0001 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0196 +/- 0.0003	Std Dev: 0.0108 +/- 0.0003

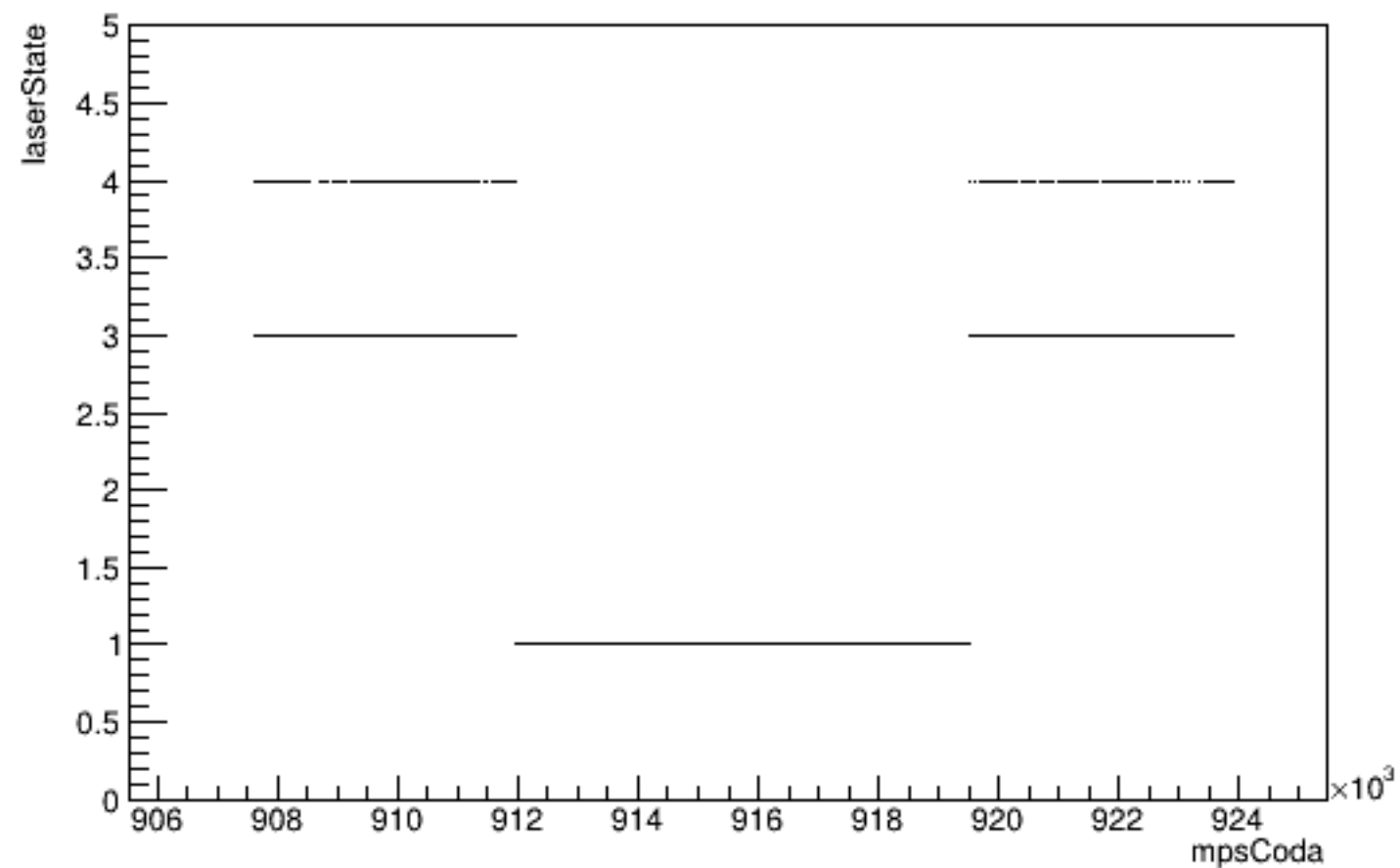
Run 5747 quartetwise, Asyms



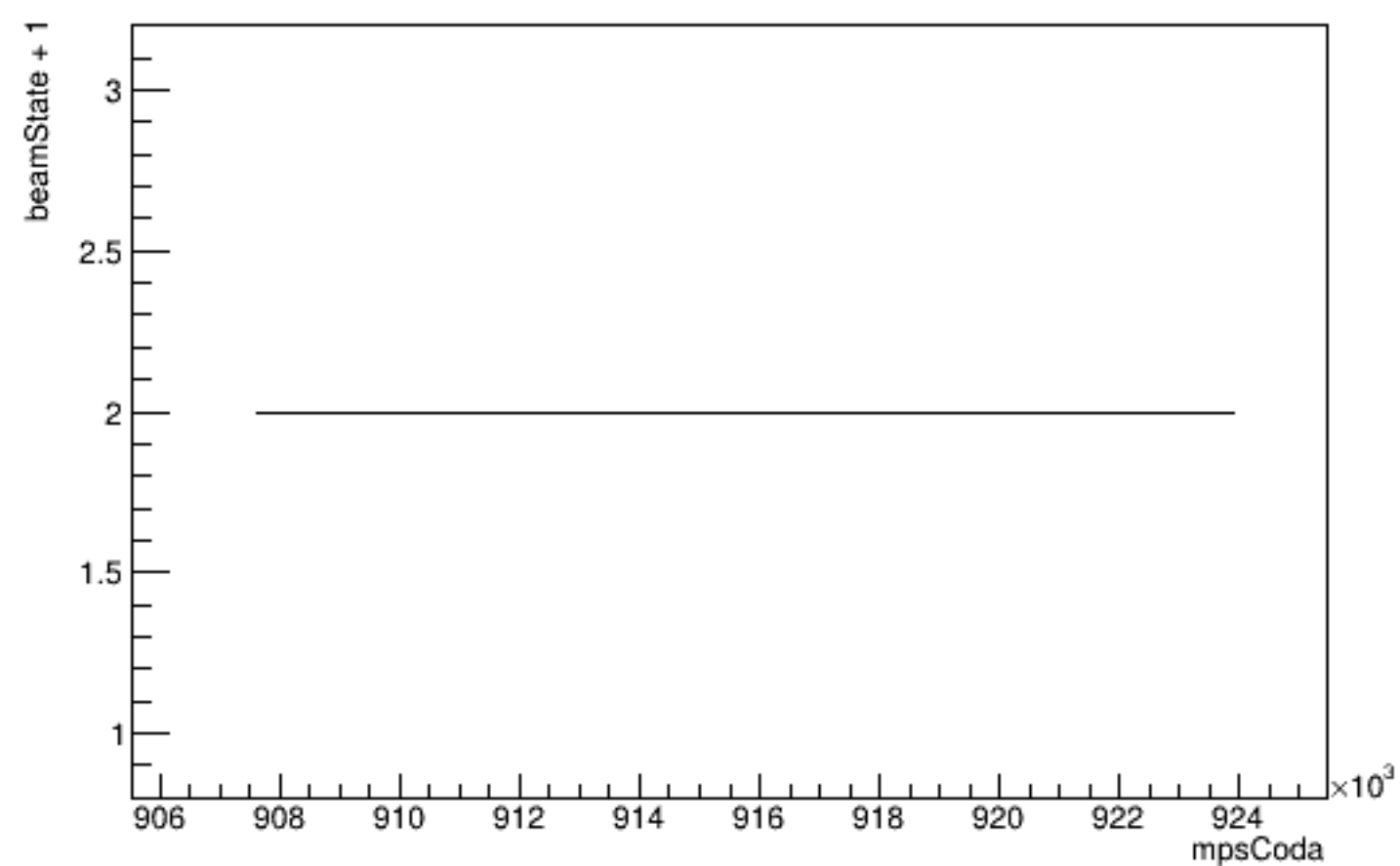
Acc0/NAcc0:mpsCoda (mpsCoda>=907609 && mpsCoda<=923920 && beamState==1)



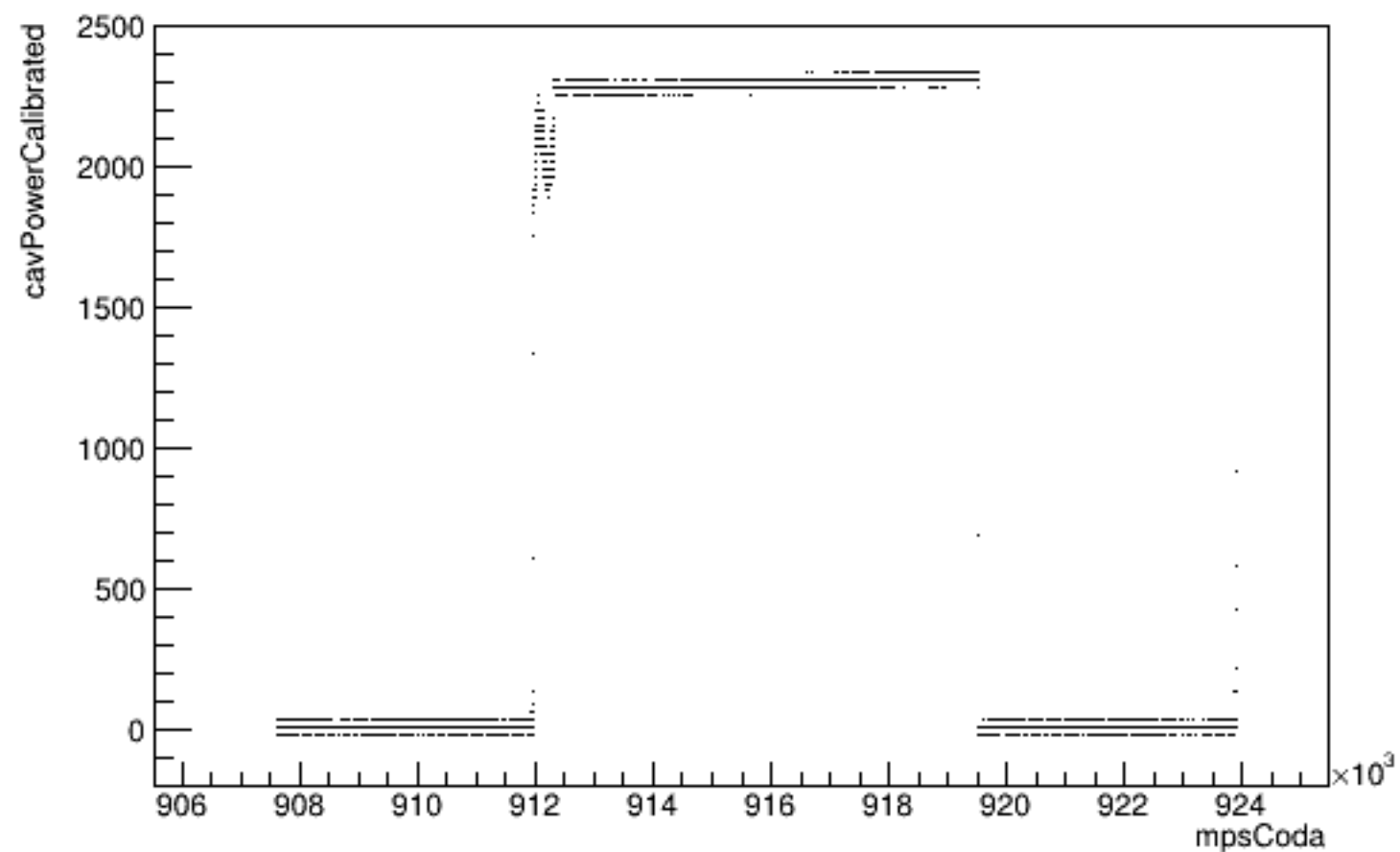
laserState:mpsCoda {mpsCoda>=907609 && mpsCoda<=923920}



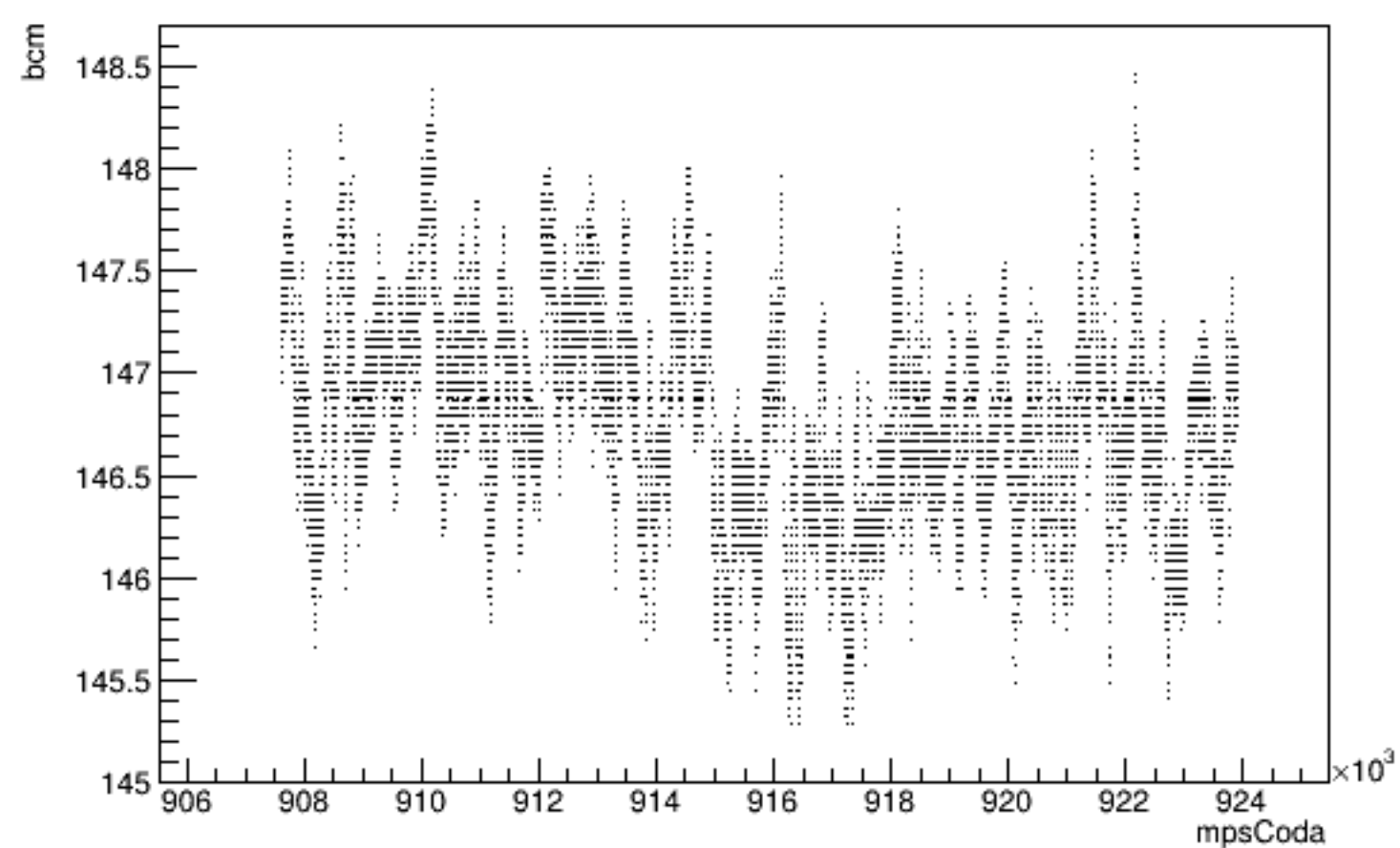
beamState + 1:mpsCoda {mpsCoda>=907609 && mpsCoda<=923920}



cavPowerCalibrated:mpsCoda {mpsCoda>=907609 && mpsCoda<=923920}



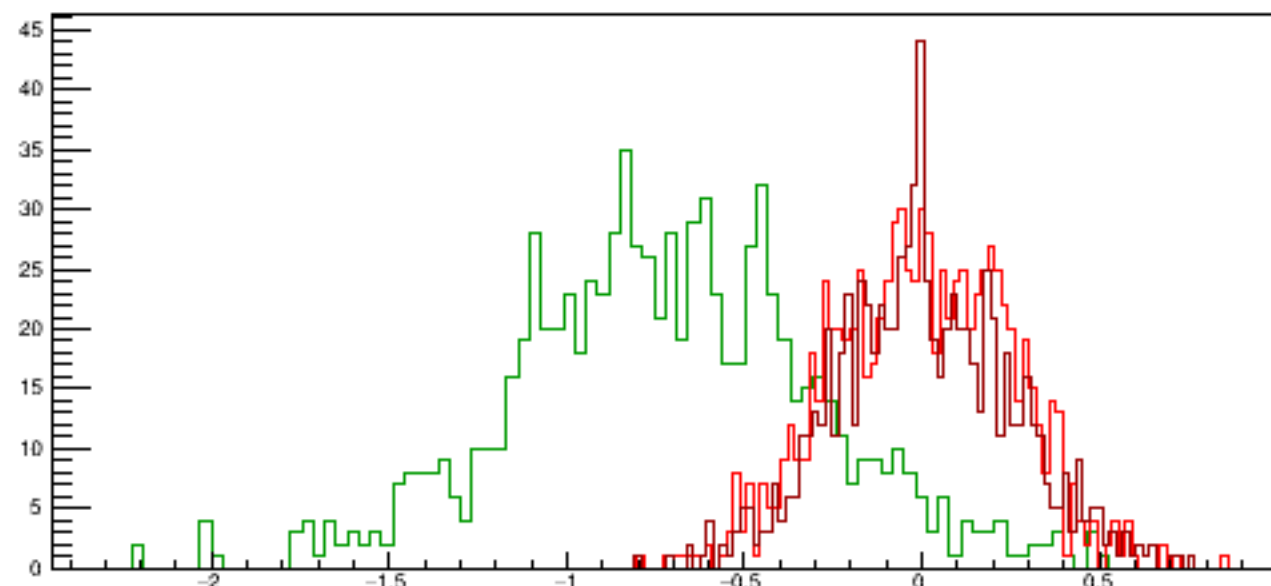
bcm:mpsCoda {mpsCoda>=907609 && mpsCoda<=923920}



Cycle 27, Diffs

Entries: 896	Entries: 869	Entries: 821
Mean: -0.0019 +/- 0.0084	Mean: -0.7237 +/- 0.0147	Mean: 0.0032 +/- 0.0087
Std Dev: 0.2504 +/- 0.0059	Std Dev: 0.4327 +/- 0.0104	Std Dev: 0.2479 +/- 0.0061

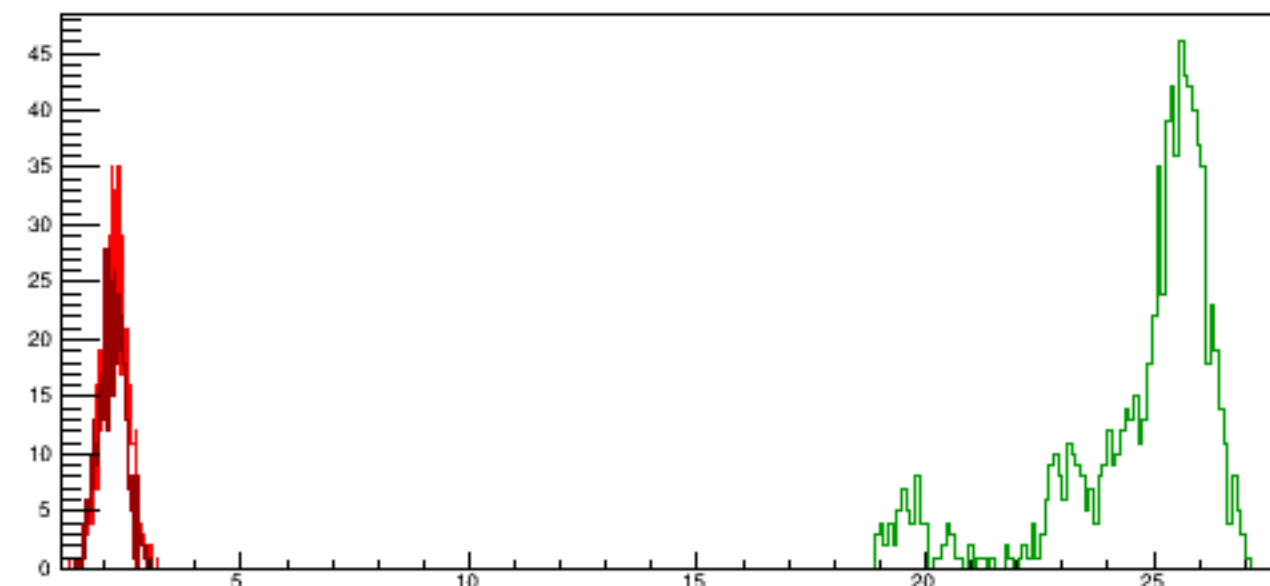
Run 5747 quartetwise, Diffs



Cycle 27, Sums

Entries: 896	Entries: 869	Entries: 821
Mean: 2.2210 +/- 0.0096	Mean: 24.7176 +/- 0.0603	Mean: 2.1722 +/- 0.0100
Std Dev: 0.2866 +/- 0.0068	Std Dev: 1.7777 +/- 0.0426	Std Dev: 0.2858 +/- 0.0071

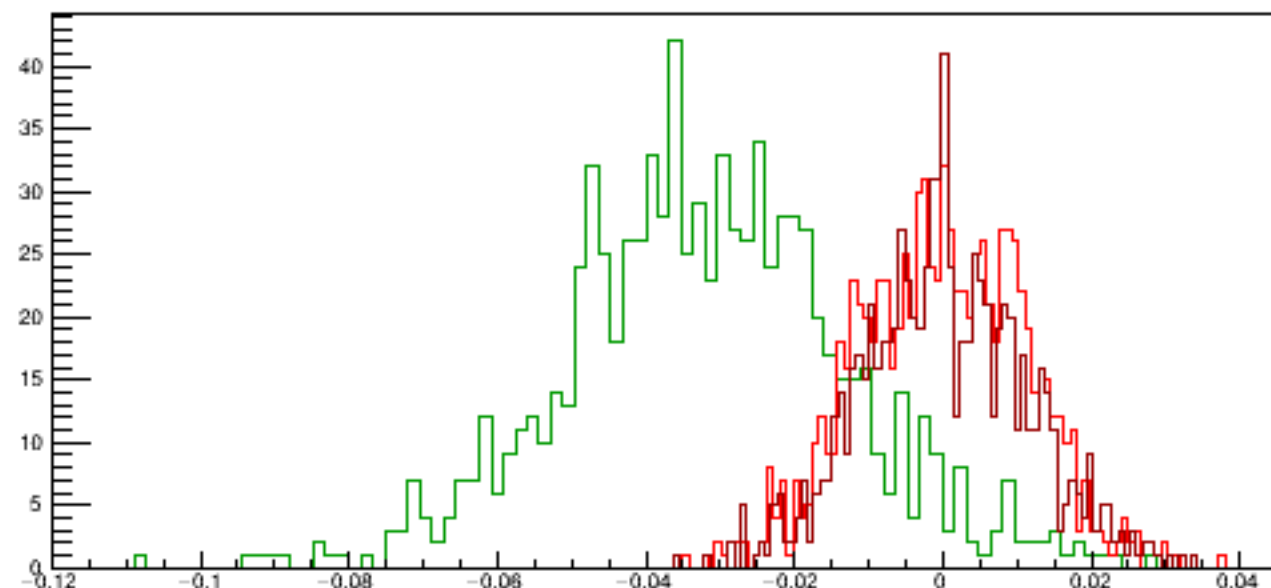
Run 5747 quartetwise, Sums



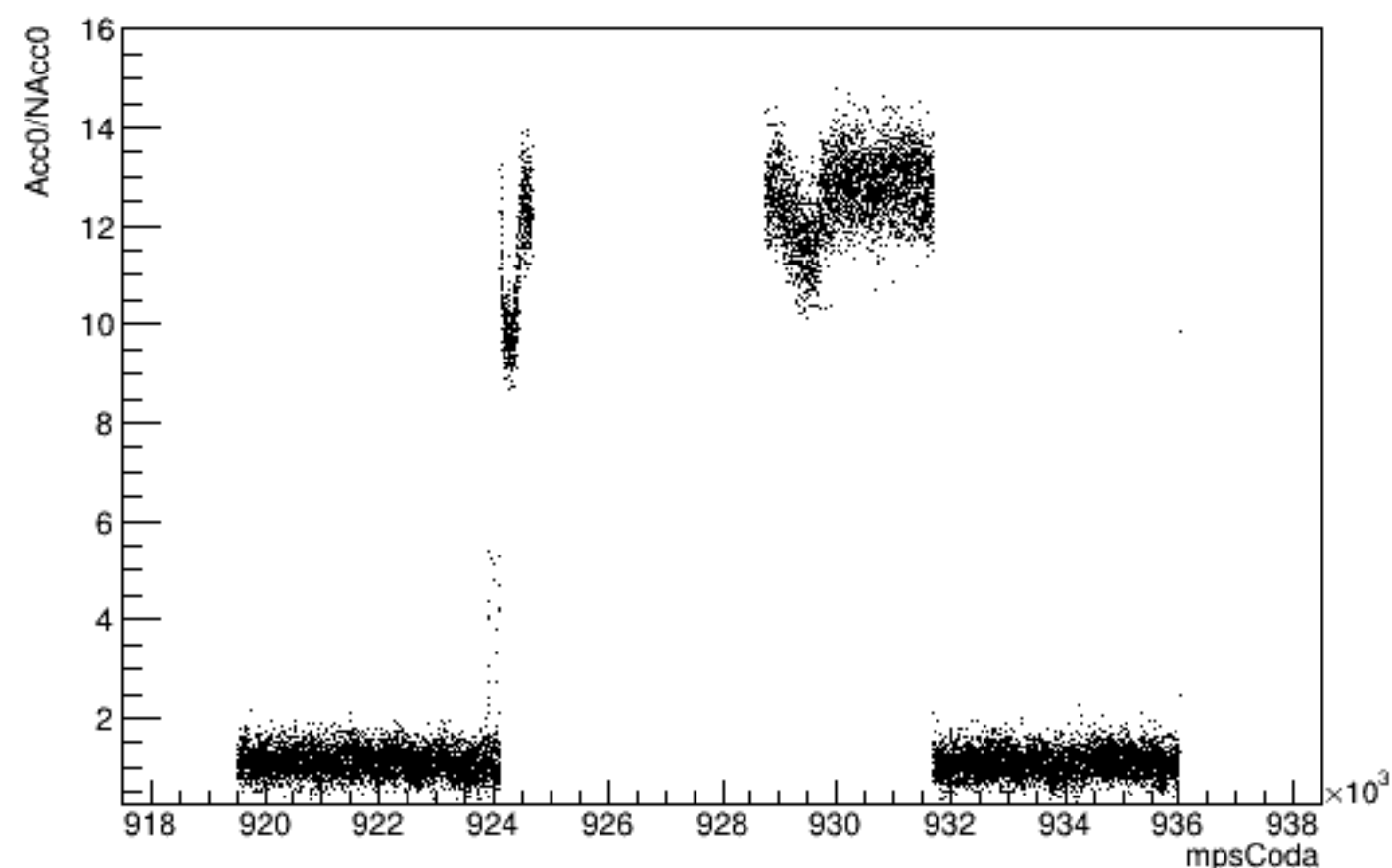
Cycle 27, Asyms

Entries: 896	Entries: 869	Entries: 821
Mean: -0.0001 +/- 0.0004	Mean: -0.0321 +/- 0.0006	Mean: 0.0001 +/- 0.0004
Std Dev: 0.0111 +/- 0.0003	Std Dev: 0.0191 +/- 0.0005	Std Dev: 0.0110 +/- 0.0003

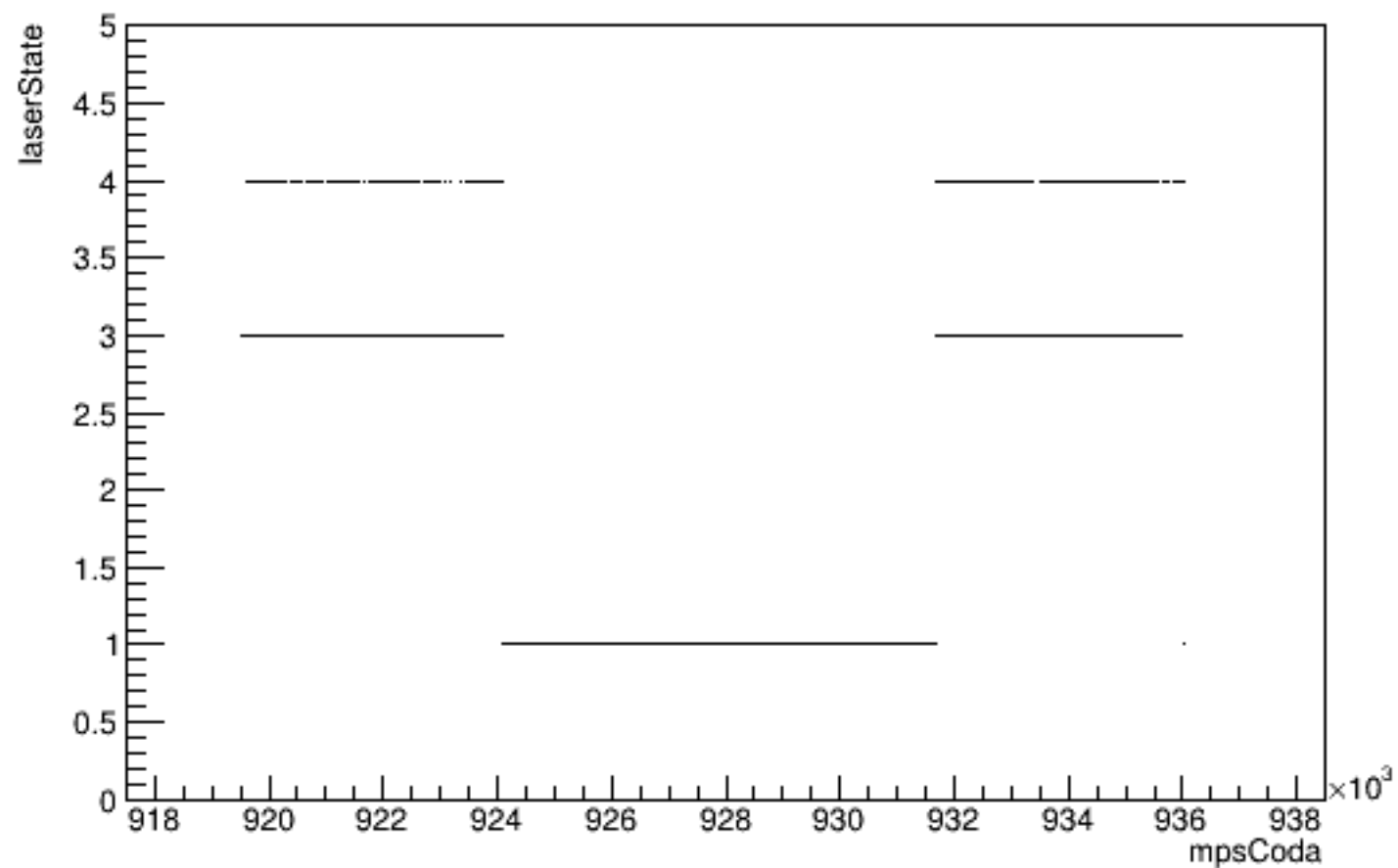
Run 5747 quartetwise, Asyms



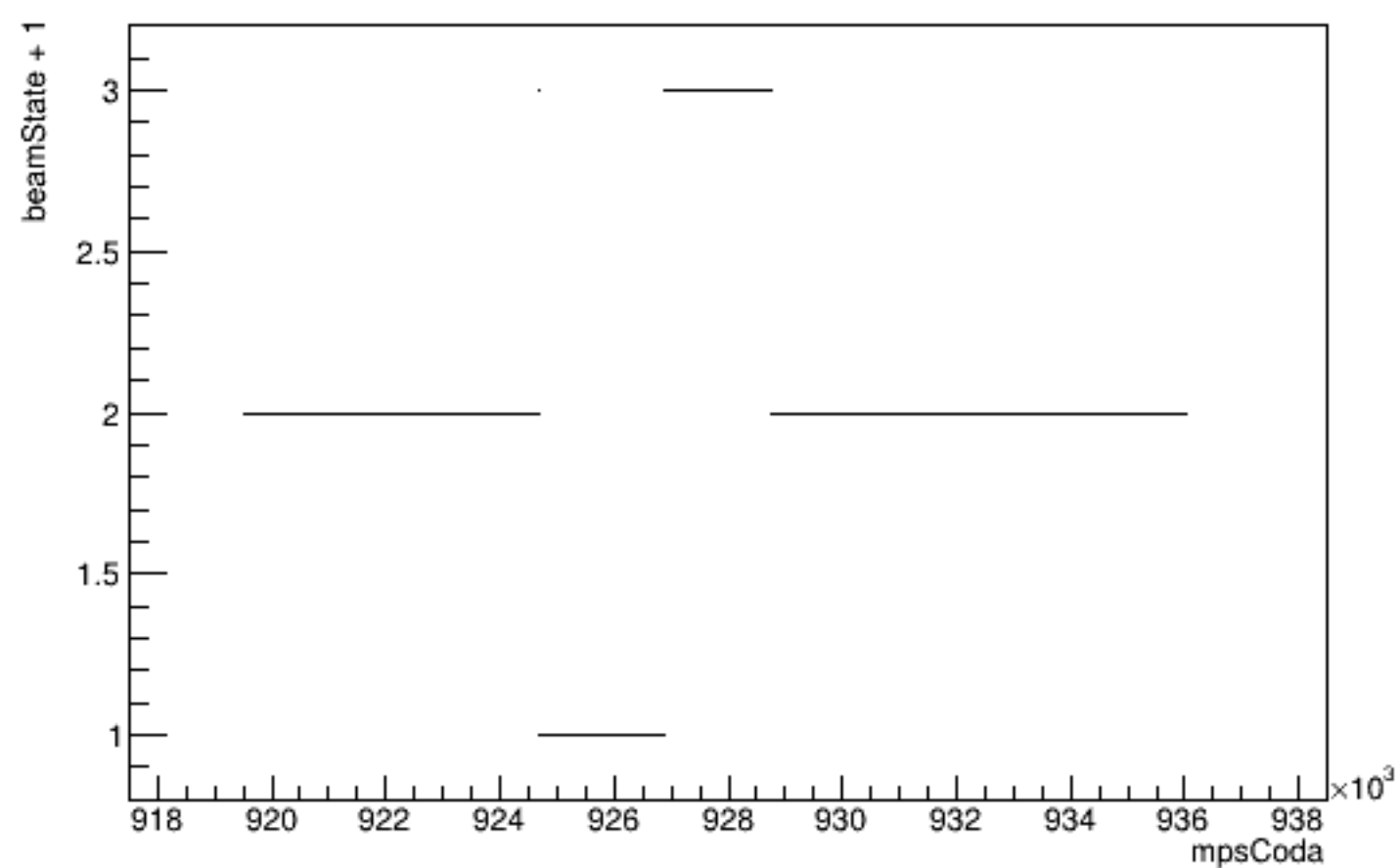
Acc0/NAcc0:mpsCoda (mpsCoda>=919529 && mpsCoda<=936004 && beamState==1)



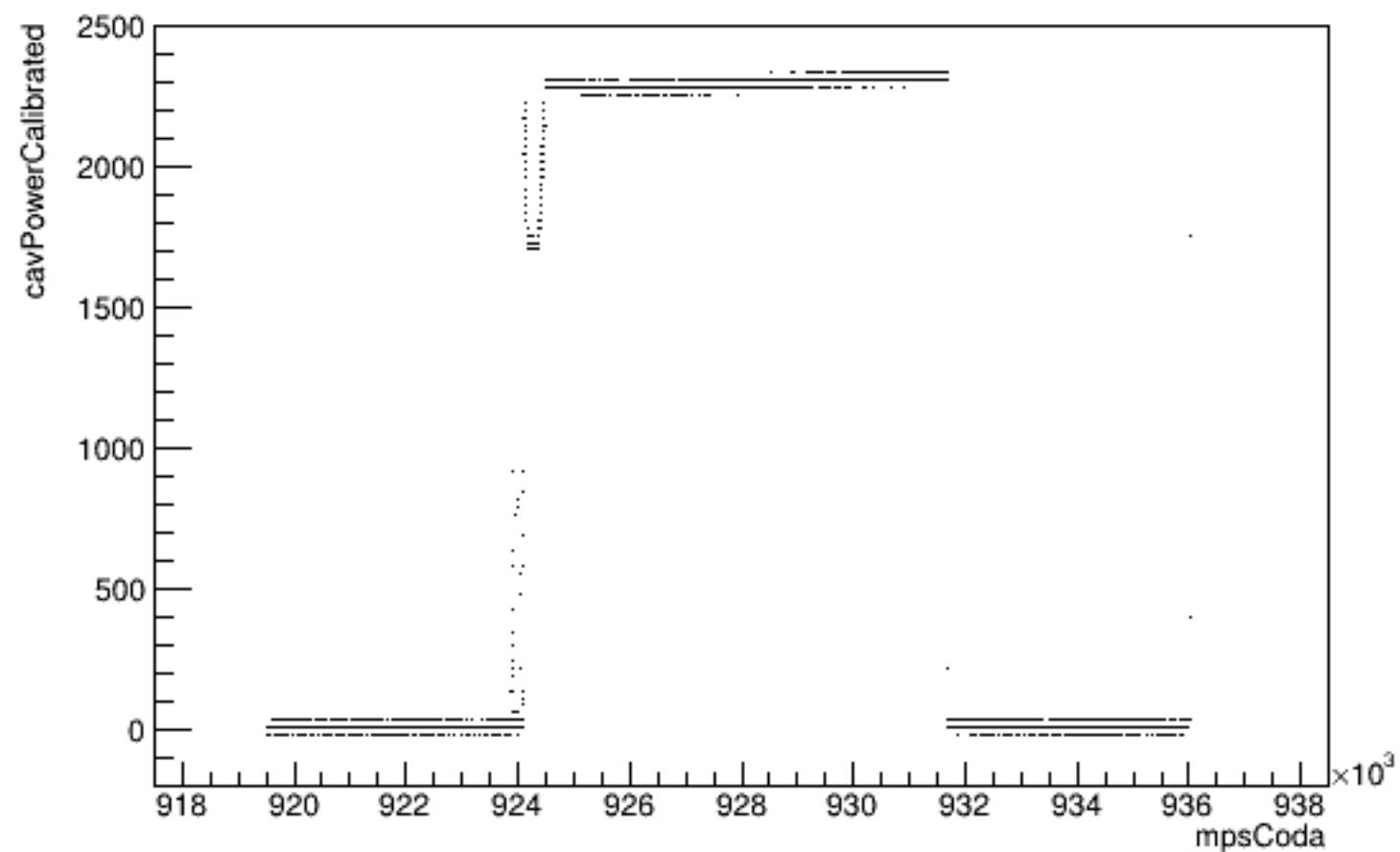
laserState:mpsCoda {mpsCoda>=919529 && mpsCoda<=936004}



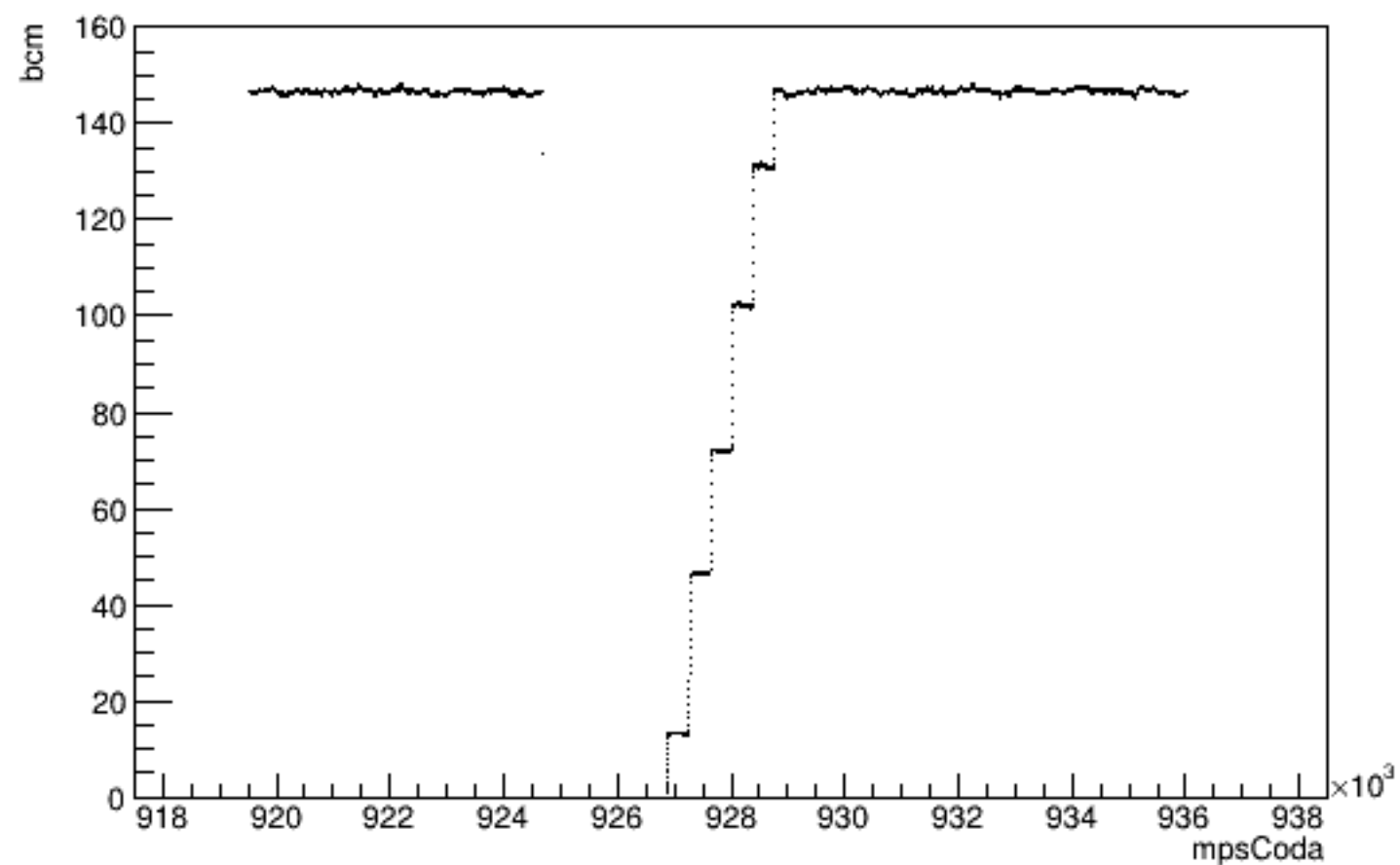
beamState + 1:mpsCoda {mpsCoda>=919529 && mpsCoda<=936004}



cavPowerCalibrated:mpsCoda {mpsCoda>=919529 && mpsCoda<=936004}



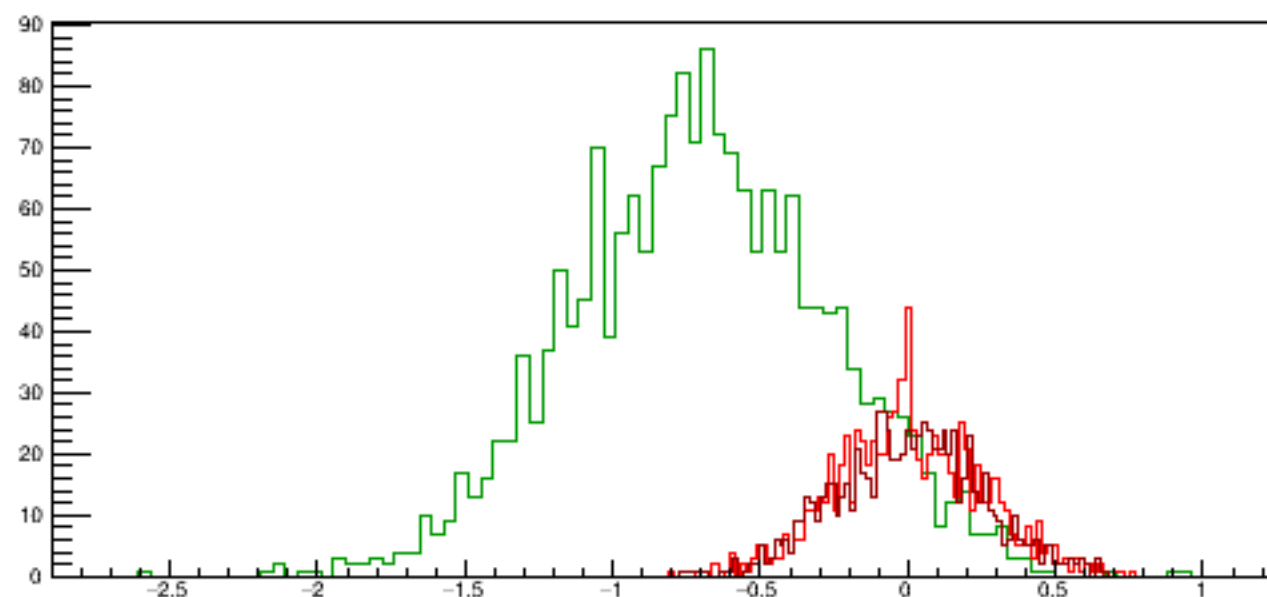
bcm:mpsCoda {mpsCoda>=919529 && mpsCoda<=936004}



Cycle 28, Diffs

Entries: 821	Entries: 1898	Entries: 822
Mean: 0.0032 +/- 0.0087	Mean: -0.7007 +/- 0.0101	Mean: -0.0006 +/- 0.0087
Std Dev: 0.2479 +/- 0.0061	Std Dev: 0.4417 +/- 0.0072	Std Dev: 0.2498 +/- 0.0062

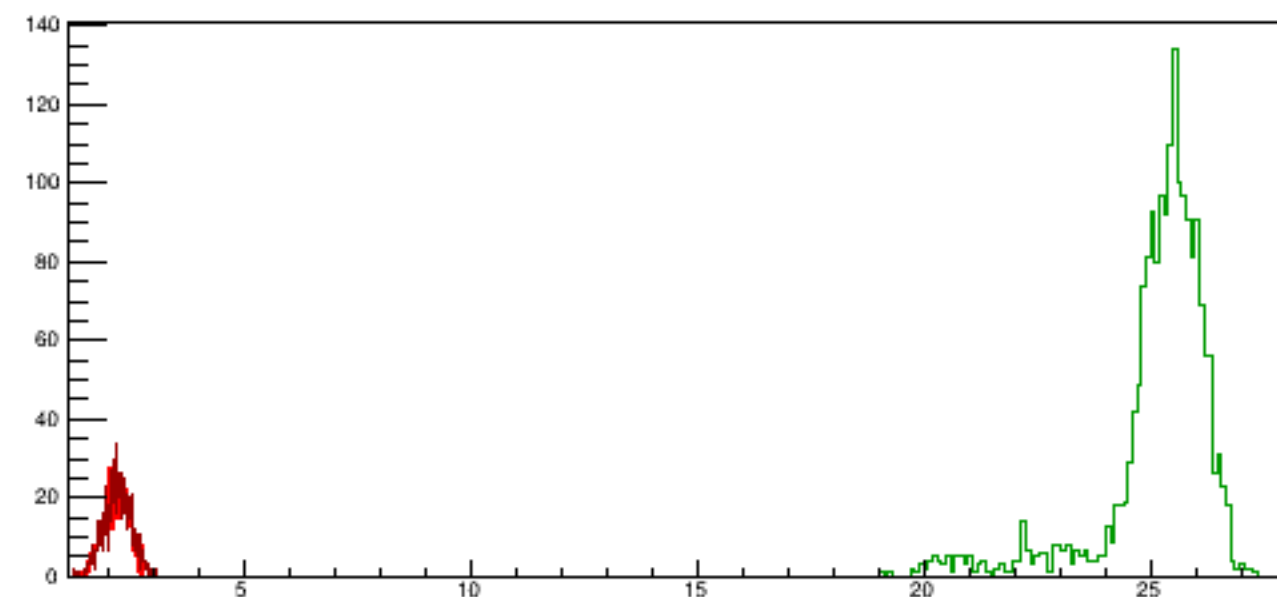
Run 5747 quartetwise, Diffs



Cycle 28, Sums

Entries: 821	Entries: 1898	Entries: 822
Mean: 2.1722 +/- 0.0100	Mean: 25.1389 +/- 0.0277	Mean: 2.1945 +/- 0.0105
Std Dev: 0.2858 +/- 0.0071	Std Dev: 1.2068 +/- 0.0196	Std Dev: 0.3024 +/- 0.0075

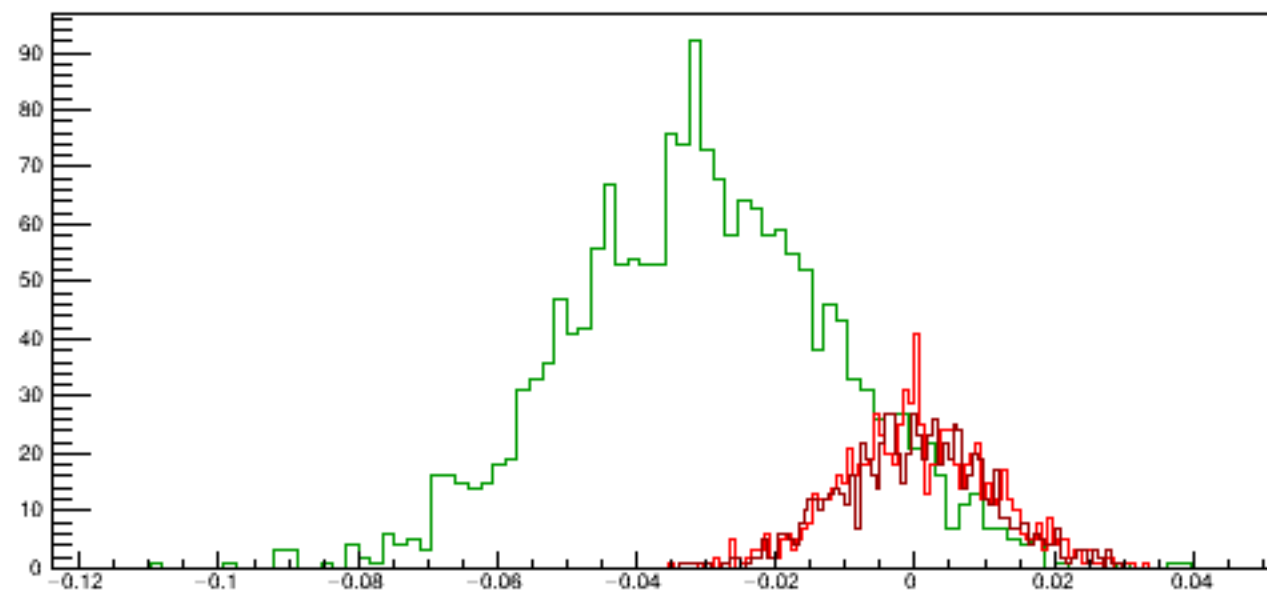
Run 5747 quartetwise, Sums



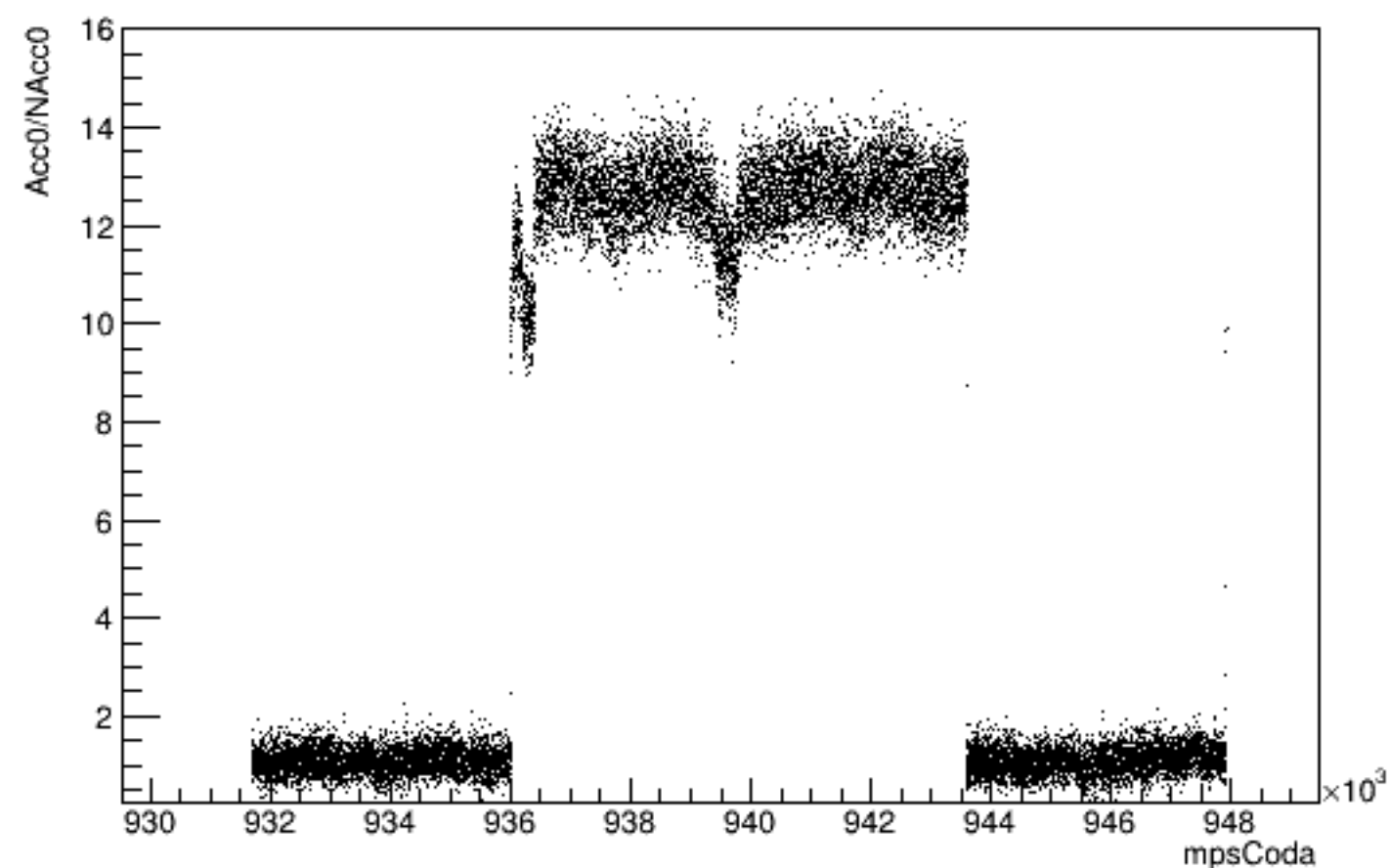
Cycle 28, Asyms

Entries: 821	Entries: 1898	Entries: 822
Mean: 0.0001 +/- 0.0004	Mean: -0.0305 +/- 0.0004	Mean: -0.0000 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0193 +/- 0.0003	Std Dev: 0.0109 +/- 0.0003

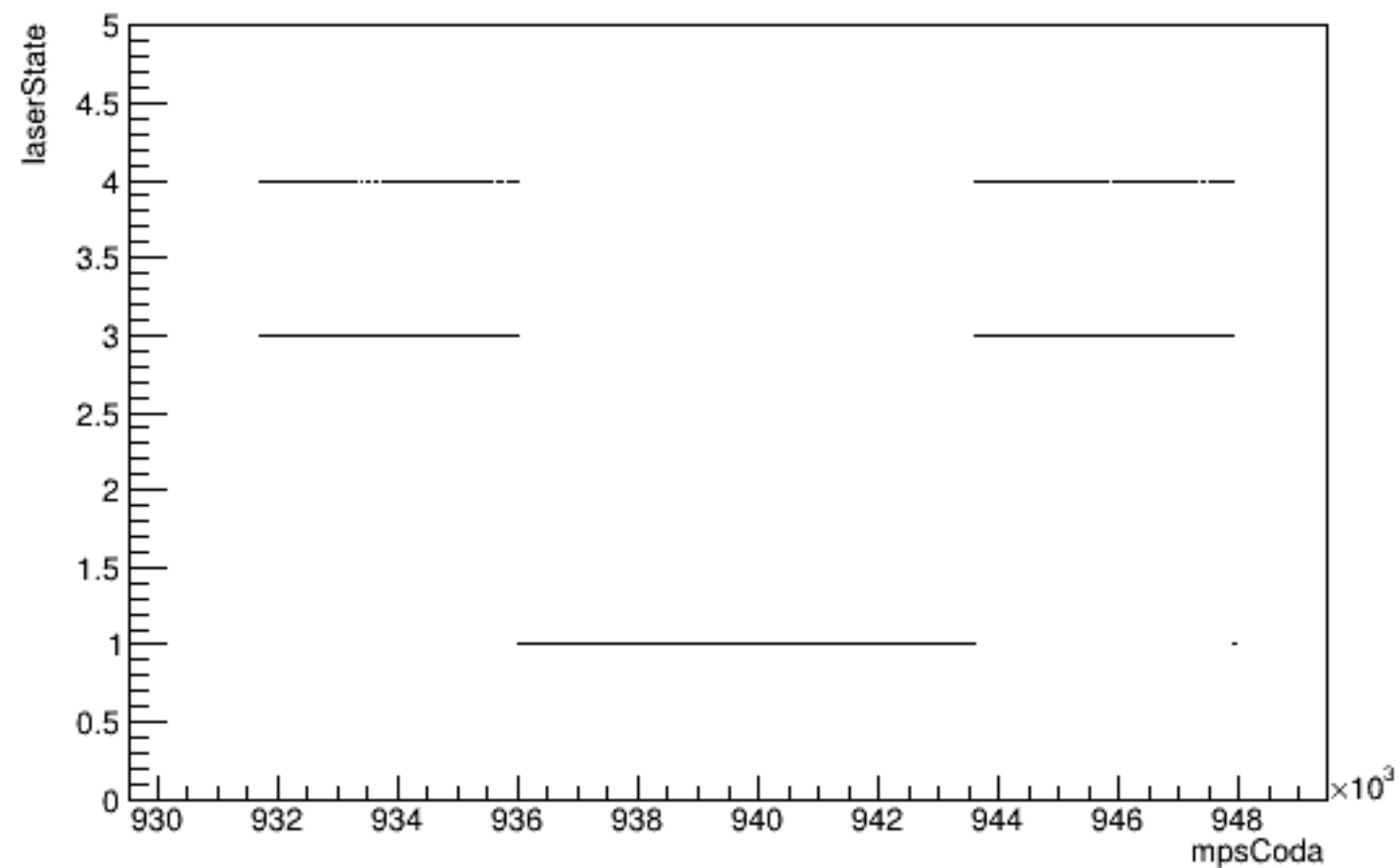
Run 5747 quartetwise, Asyms



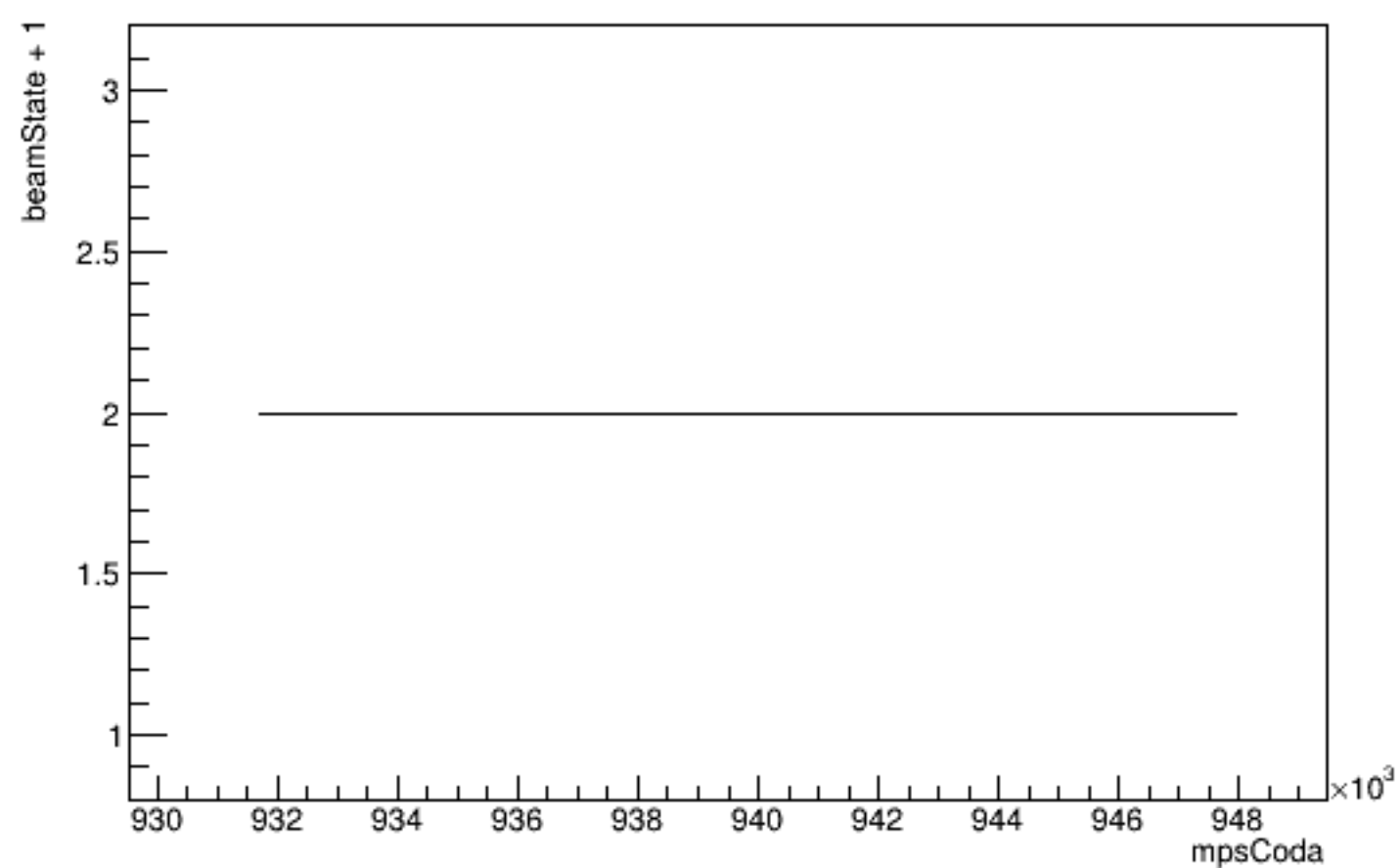
Acc0/NAcc0:mpsCoda (mpsCoda>=931689 && mpsCoda<=947928 && beamState==1)



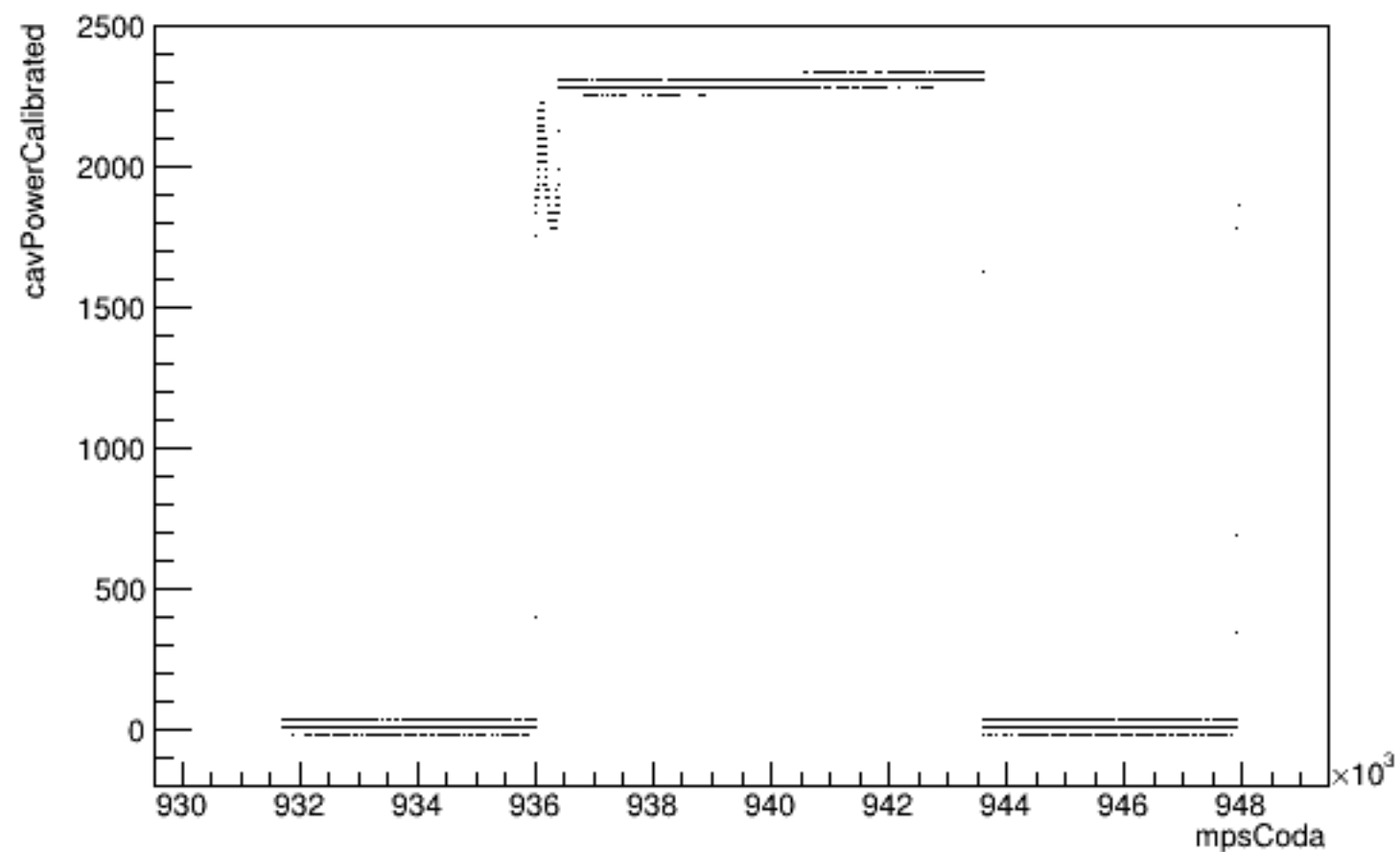
laserState:mpsCoda {mpsCoda>=931689 && mpsCoda<=947928}



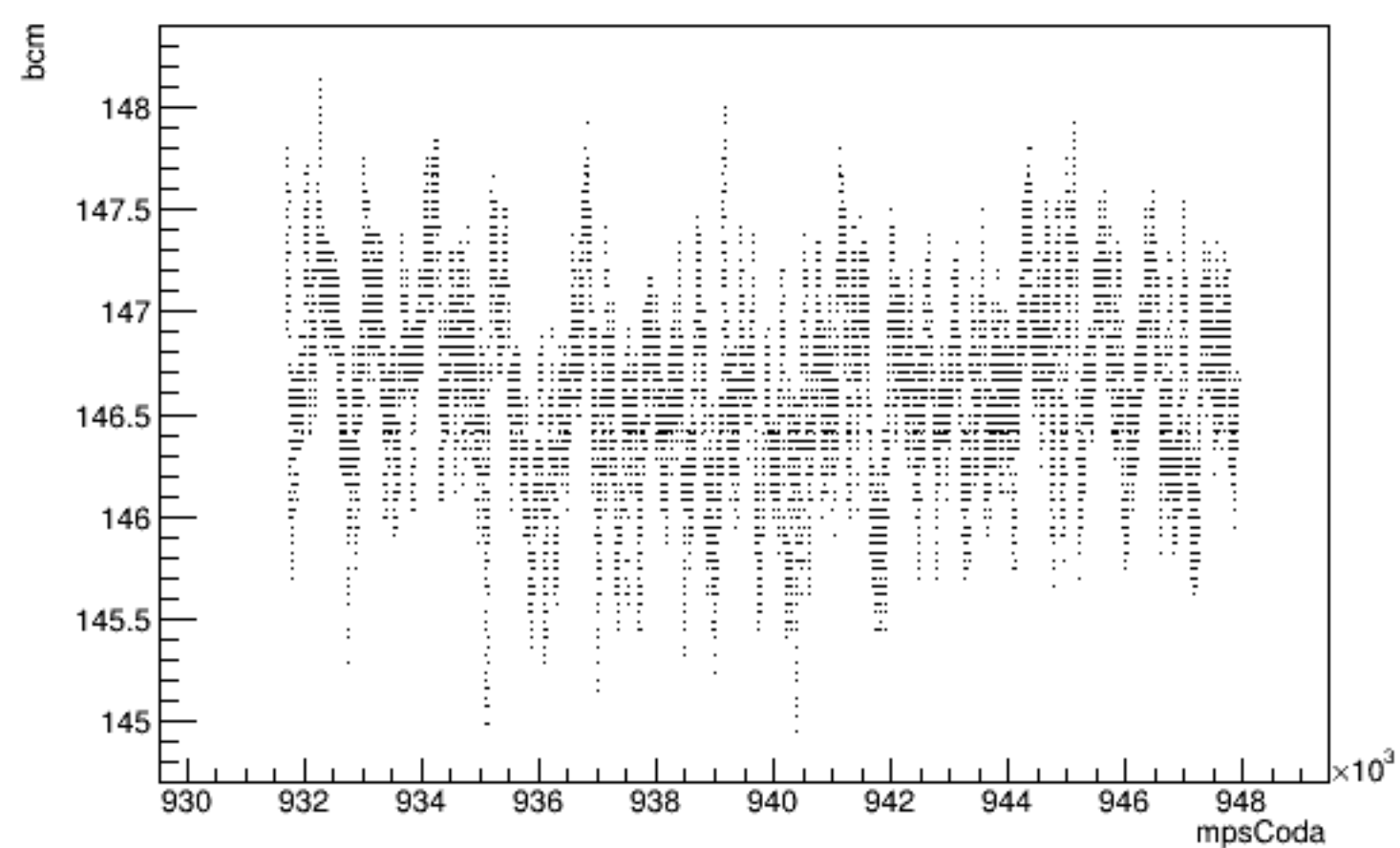
beamState + 1:mpsCoda {mpsCoda>=931689 && mpsCoda<=947928}



cavPowerCalibrated:mpsCoda {mpsCoda>=931689 && mpsCoda<=947928}



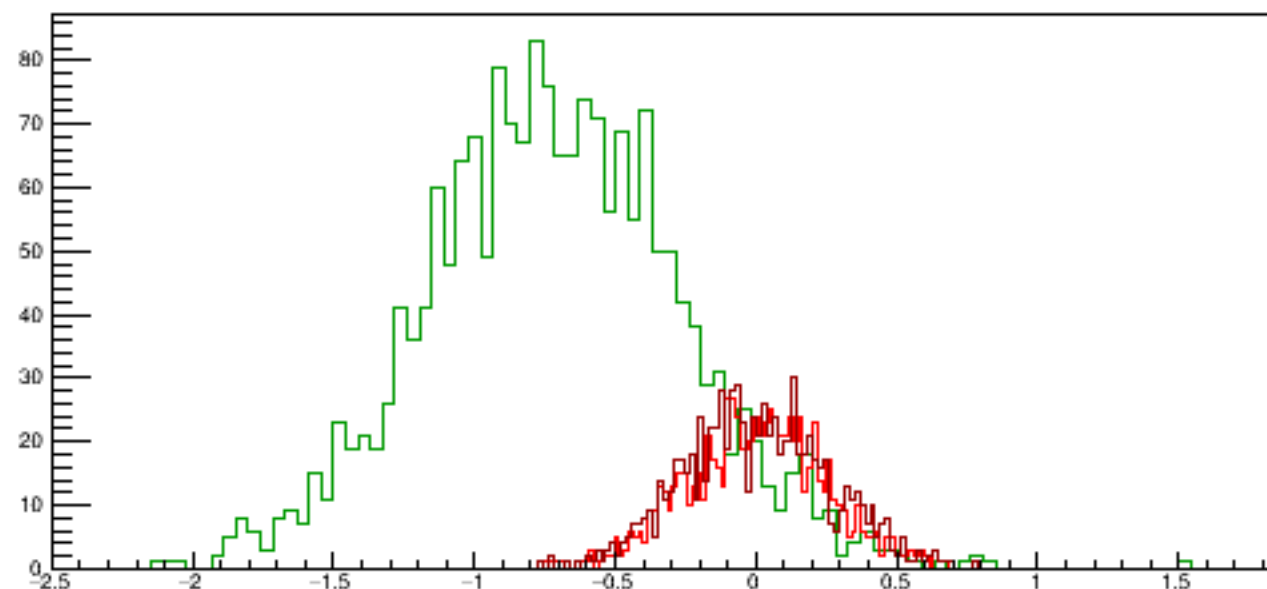
bcm:mpsCoda {mpsCoda>=931689 && mpsCoda<=947928}



Cycle 29, Diffs

Entries: 822	Entries: 1896	Entries: 843
Mean: -0.0006 +/- 0.0087	Mean: -0.7165 +/- 0.0104	Mean: 0.0013 +/- 0.0088
Std Dev: 0.2498 +/- 0.0062	Std Dev: 0.4534 +/- 0.0074	Std Dev: 0.2560 +/- 0.0062

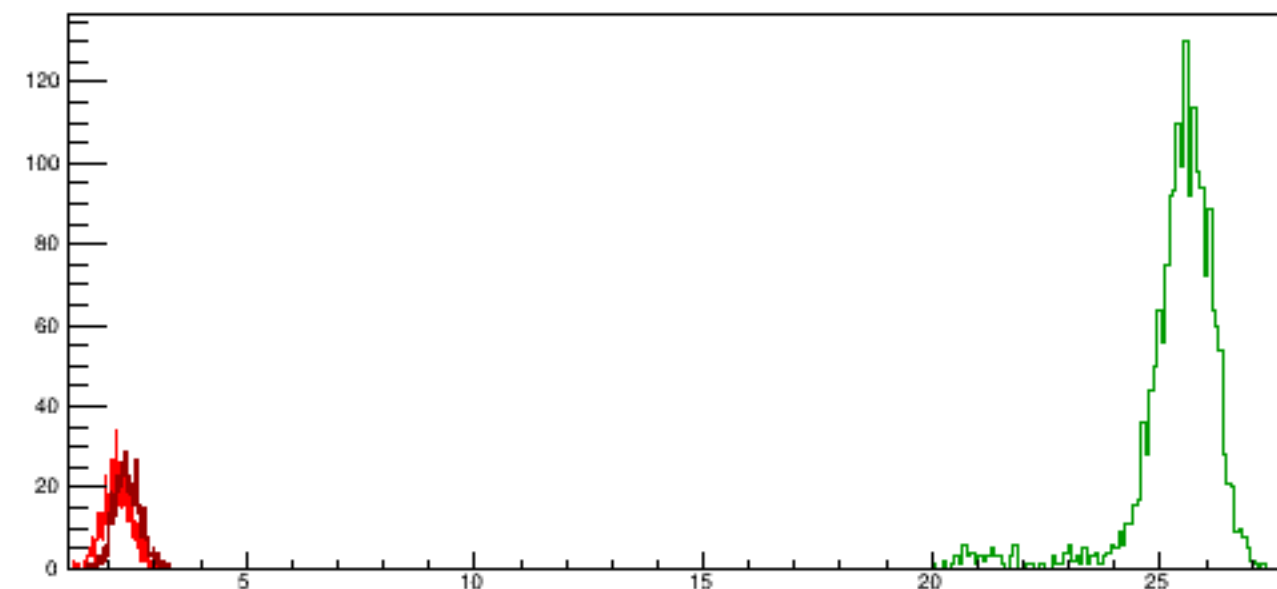
Run 5747 quartetwise, Diffs



Cycle 29, Sums

Entries: 822	Entries: 1896	Entries: 843
Mean: 2.1945 +/- 0.0105	Mean: 25.3786 +/- 0.0222	Mean: 2.3951 +/- 0.0100
Std Dev: 0.3024 +/- 0.0075	Std Dev: 0.9654 +/- 0.0157	Std Dev: 0.2900 +/- 0.0071

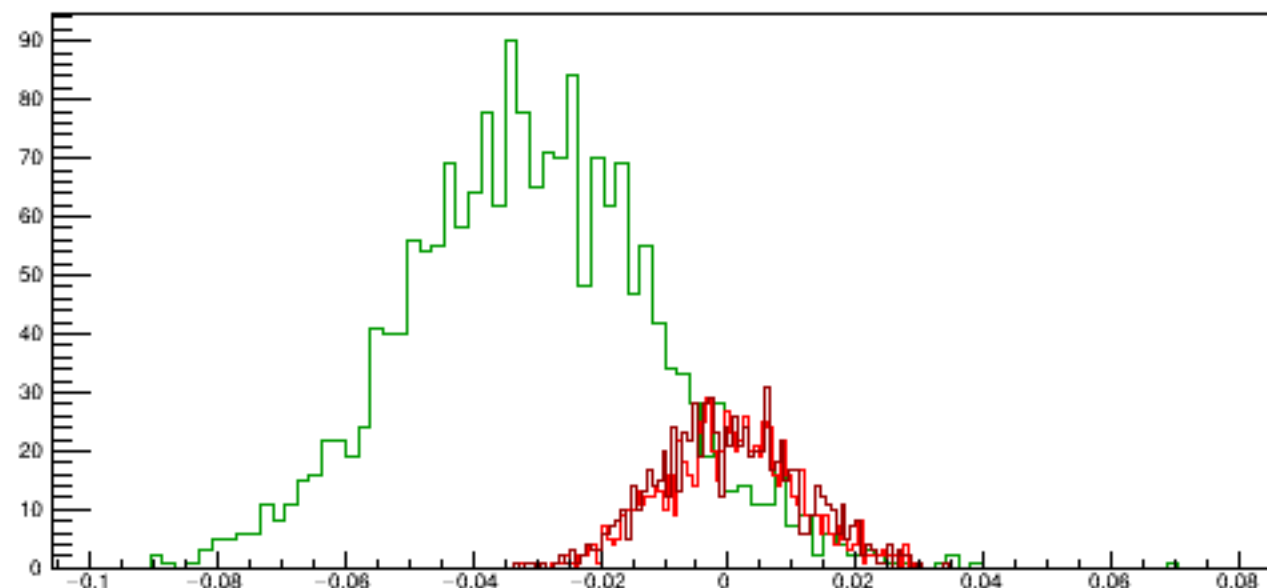
Run 5747 quartetwise, Sums



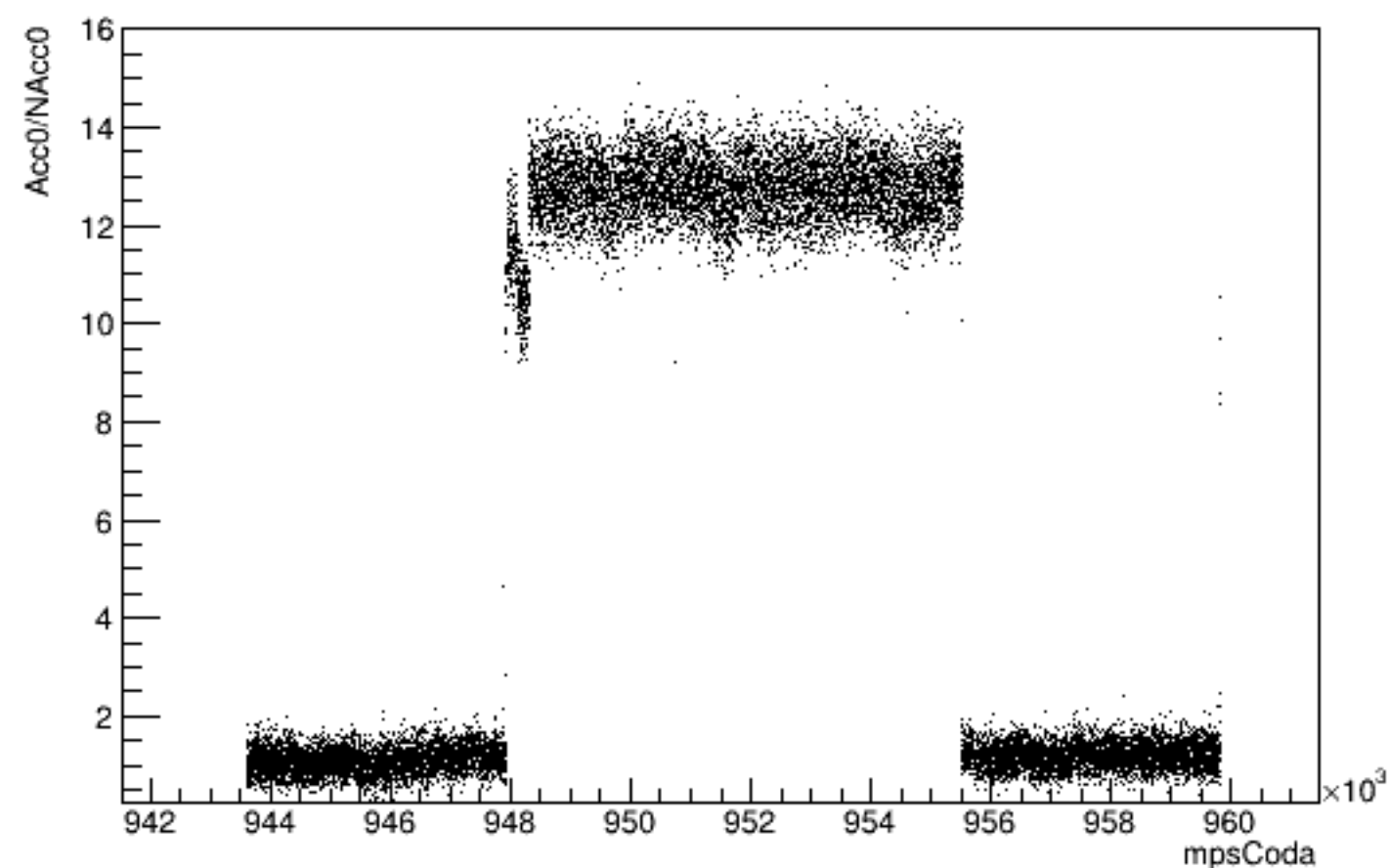
Cycle 29, Asyms

Entries: 822	Entries: 1896	Entries: 843
Mean: -0.0000 +/- 0.0004	Mean: -0.0310 +/- 0.0005	Mean: 0.0001 +/- 0.0004
Std Dev: 0.0108 +/- 0.0003	Std Dev: 0.0197 +/- 0.0003	Std Dev: 0.0111 +/- 0.0003

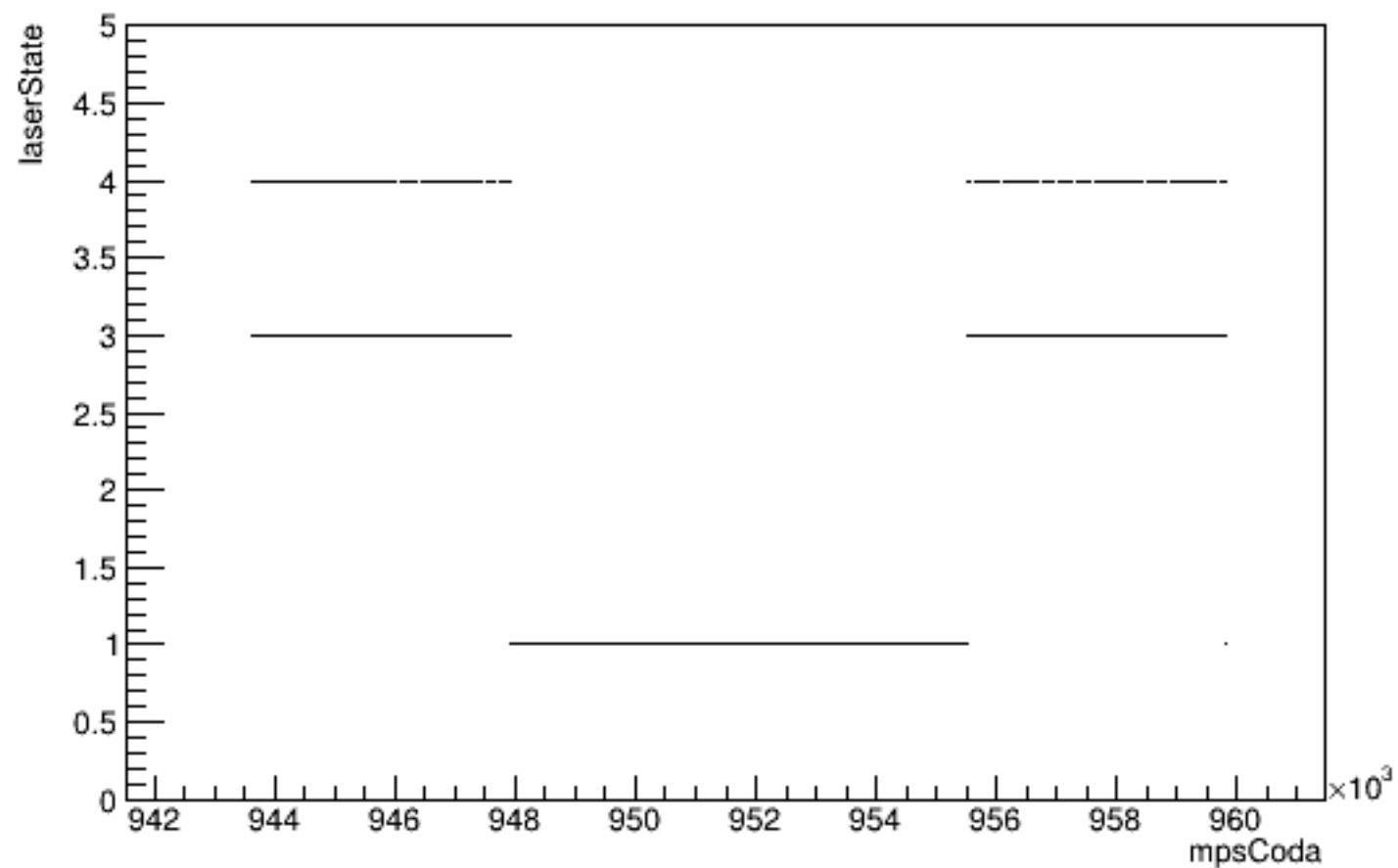
Run 5747 quartetwise, Asyms



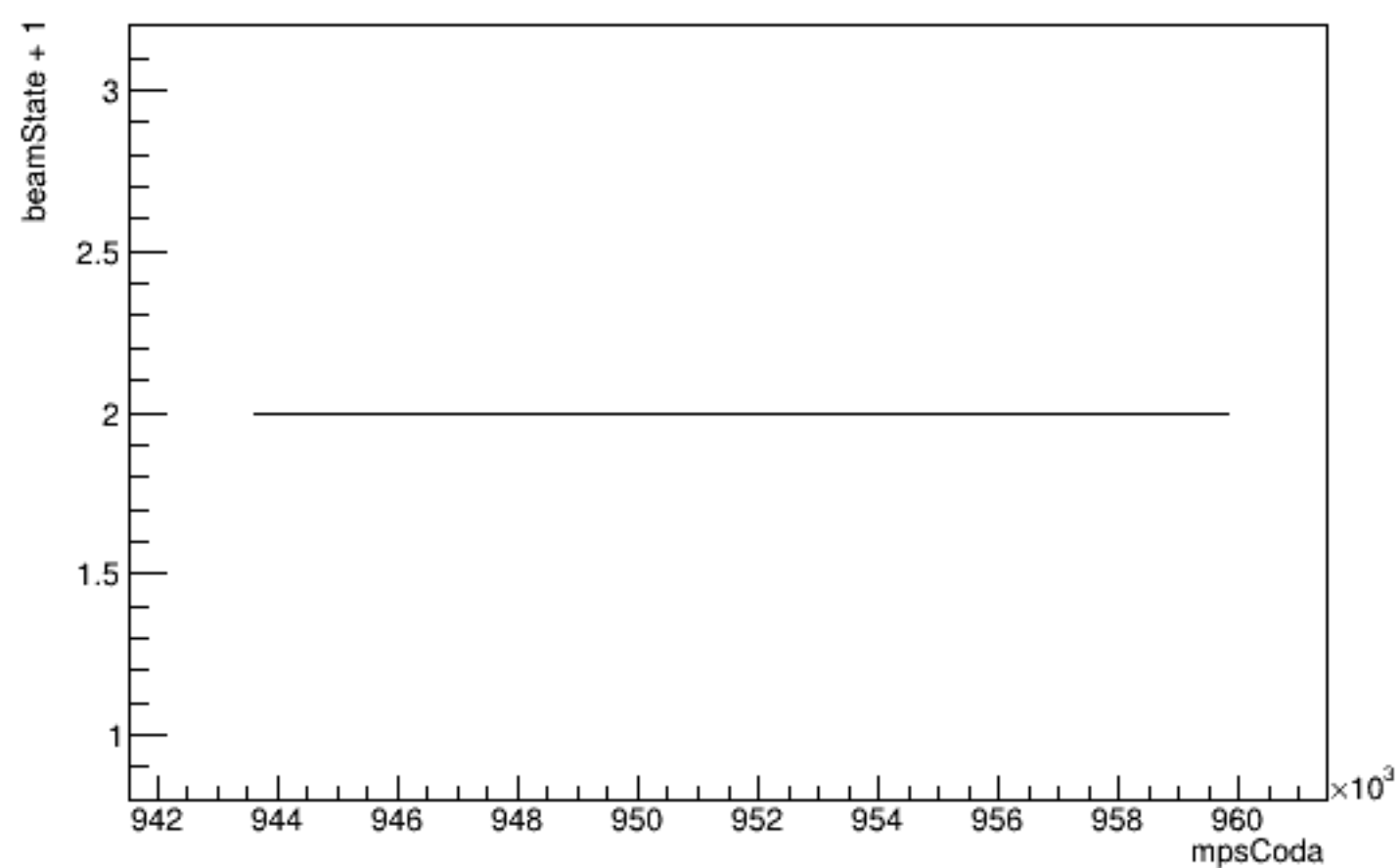
Acc0/NAcc0:mpsCoda (mpsCoda>=943601 && mpsCoda<=959816 && beamState==1)



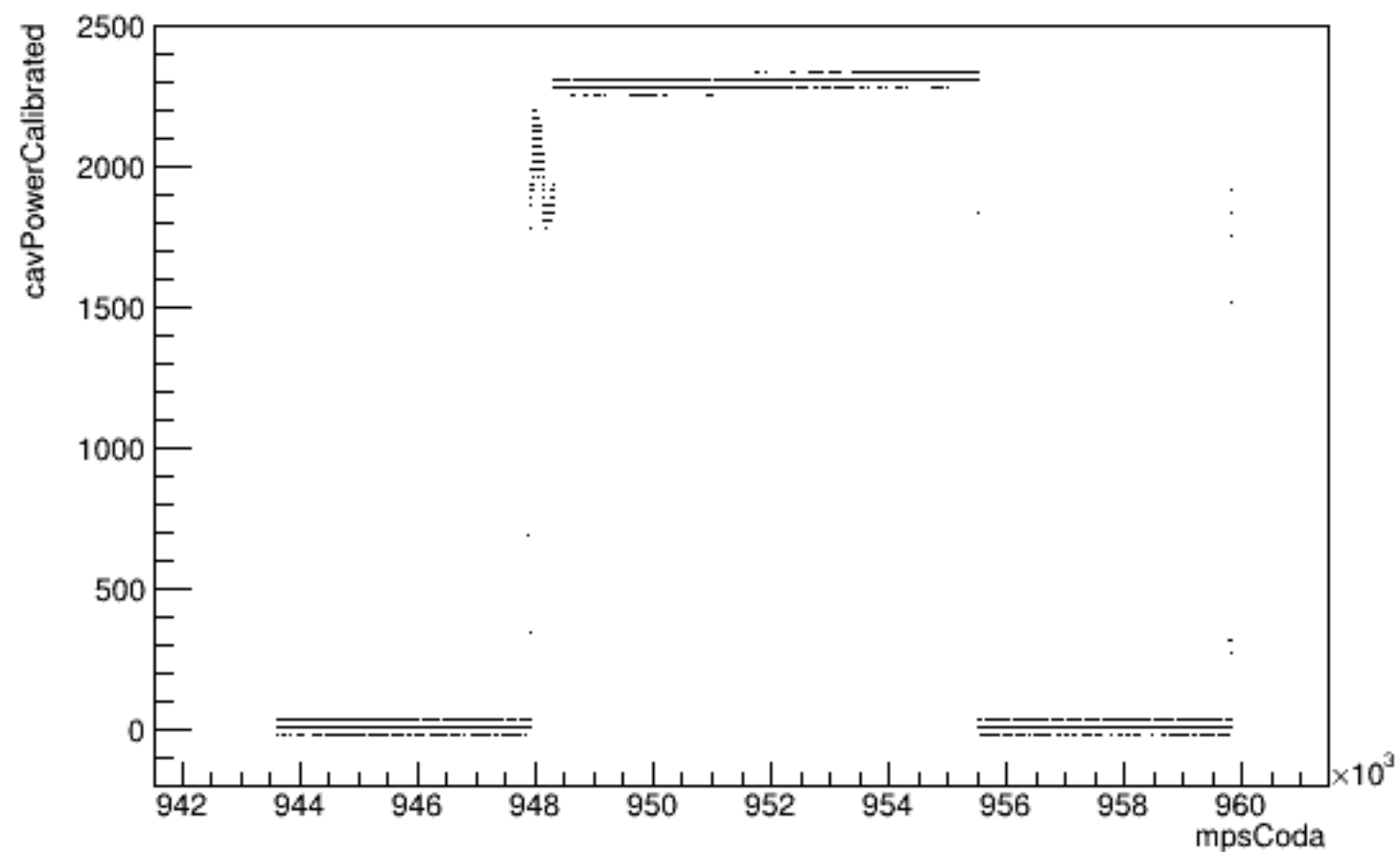
laserState:mpsCoda {mpsCoda>=943601 && mpsCoda<=959816}



beamState + 1:mpsCoda {mpsCoda>=943601 && mpsCoda<=959816}



cavPowerCalibrated:mpsCoda {mpsCoda>=943601 && mpsCoda<=959816}



bcm:mpsCoda {mpsCoda>=943601 && mpsCoda<=959816}

