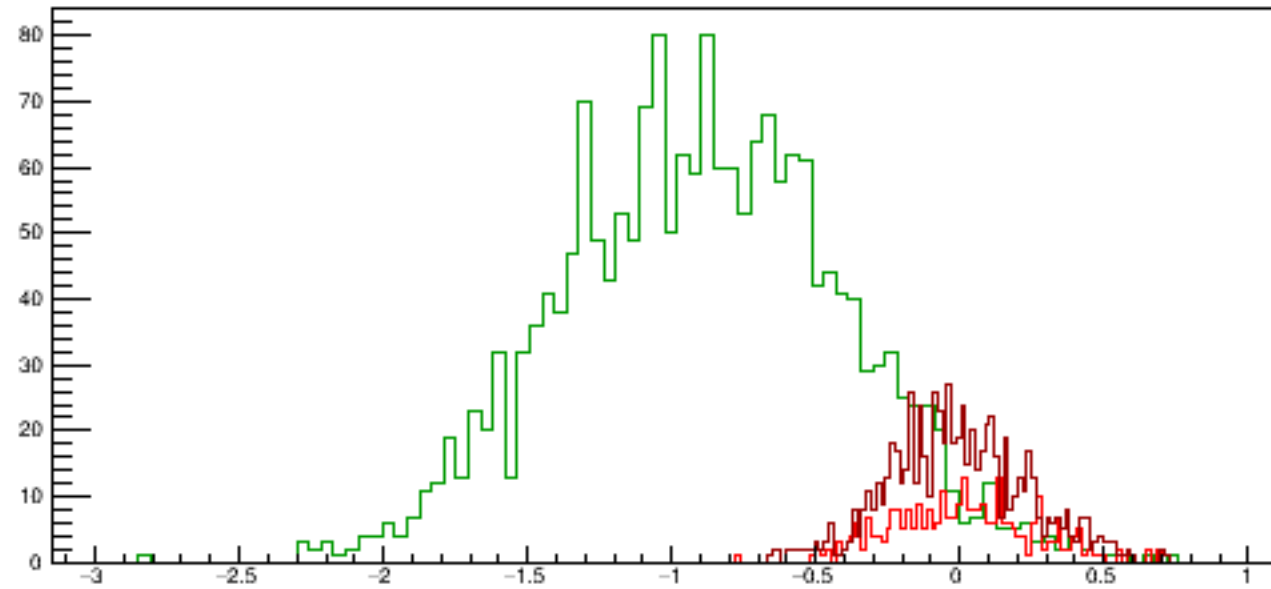


Cycle 1, Diffs

Entries: 305 Mean: 0.0076 +/- 0.0142 Std Dev: 0.2485 +/- 0.0101	Entries: 1947 Mean: -0.8929 +/- 0.0111 Std Dev: 0.4895 +/- 0.0078	Entries: 729 Mean: -0.0072 +/- 0.0089 Std Dev: 0.2415 +/- 0.0063
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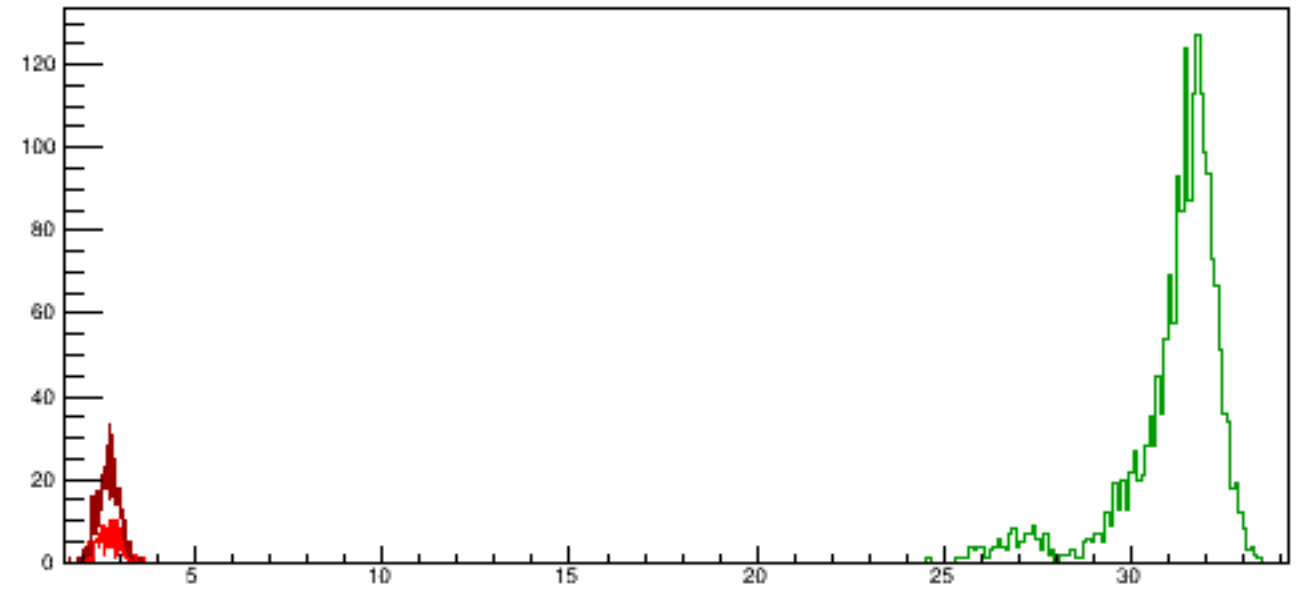
Run 5519 quartetwise, Diffs



Cycle 1, Sums

Entries: 305 Mean: 2.7062 +/- 0.0165 Std Dev: 0.2887 +/- 0.0117	Entries: 1947 Mean: 31.1457 +/- 0.0306 Std Dev: 1.3515 +/- 0.0217	Entries: 729 Mean: 2.6783 +/- 0.0106 Std Dev: 0.2854 +/- 0.0075
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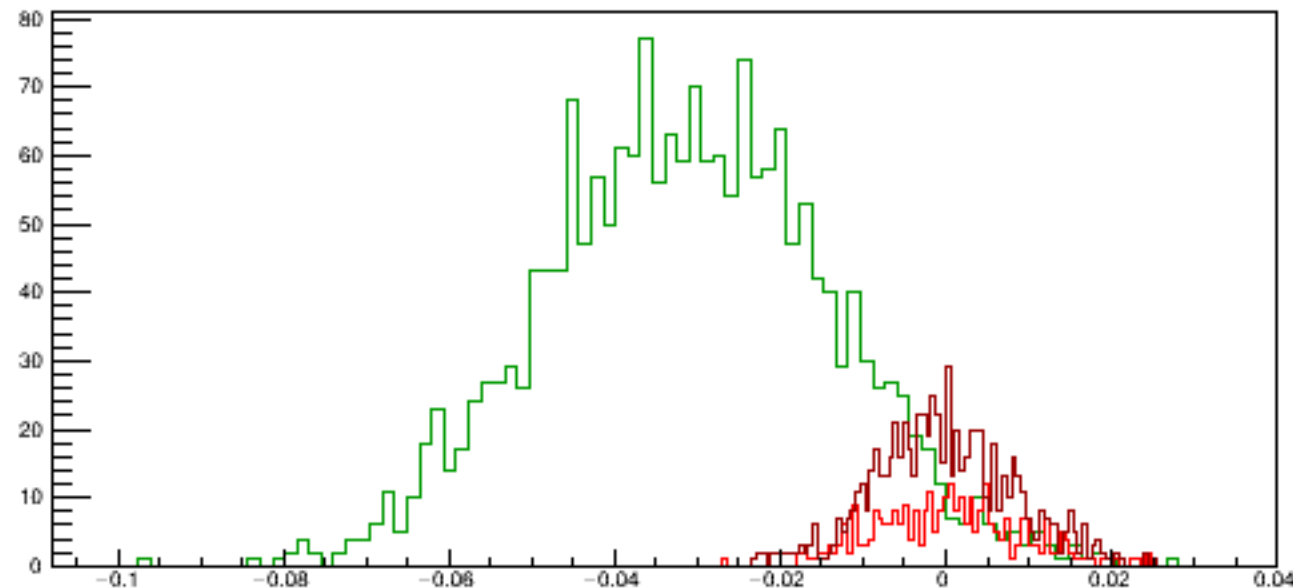
Run 5519 quartetwise, Sums



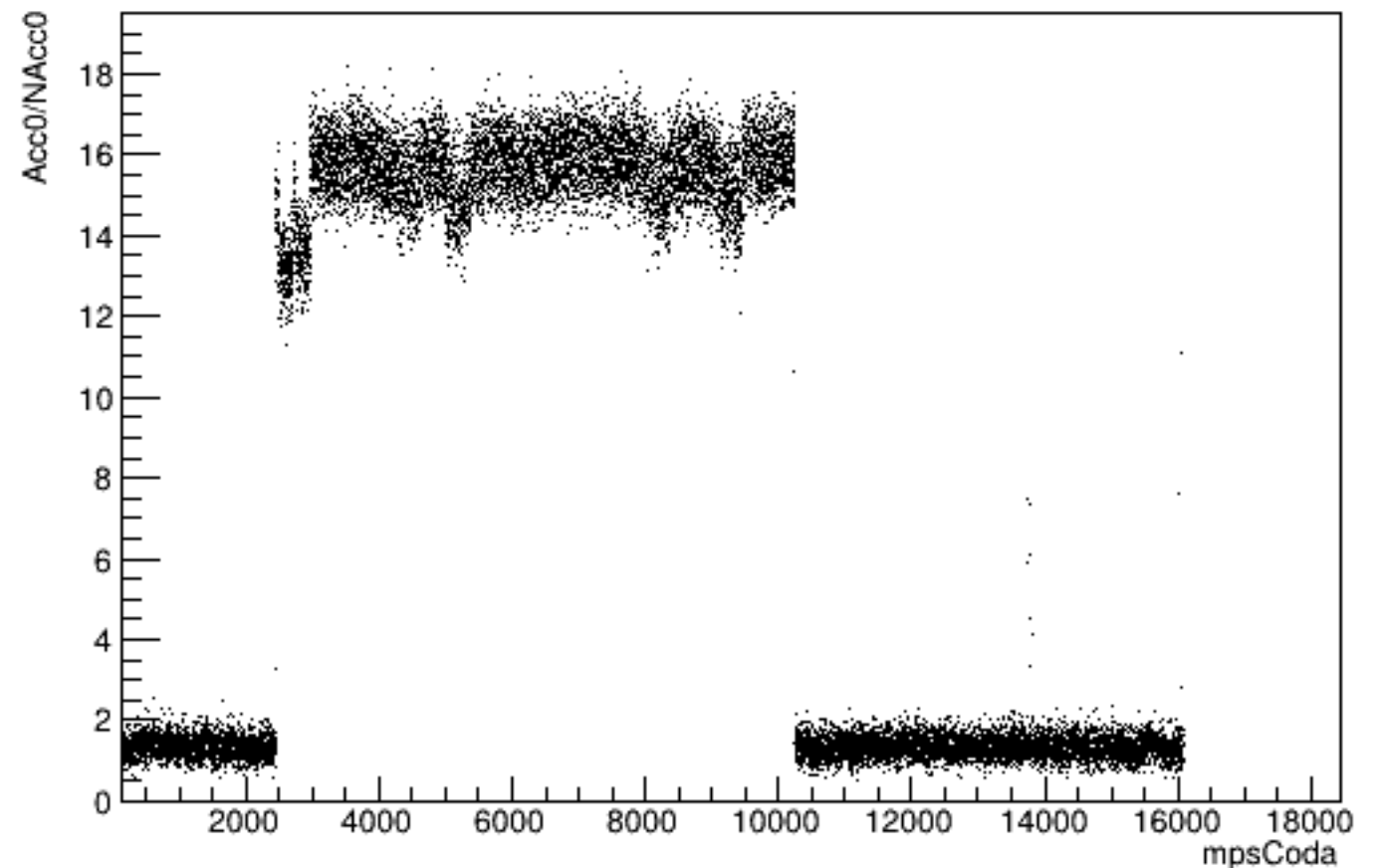
Cycle 1, Asyms

Entries: 305 Mean: 0.0003 +/- 0.0005 Std Dev: 0.0087 +/- 0.0004	Entries: 1947 Mean: -0.0314 +/- 0.0004 Std Dev: 0.0172 +/- 0.0003	Entries: 729 Mean: -0.0003 +/- 0.0003 Std Dev: 0.0085 +/- 0.0002
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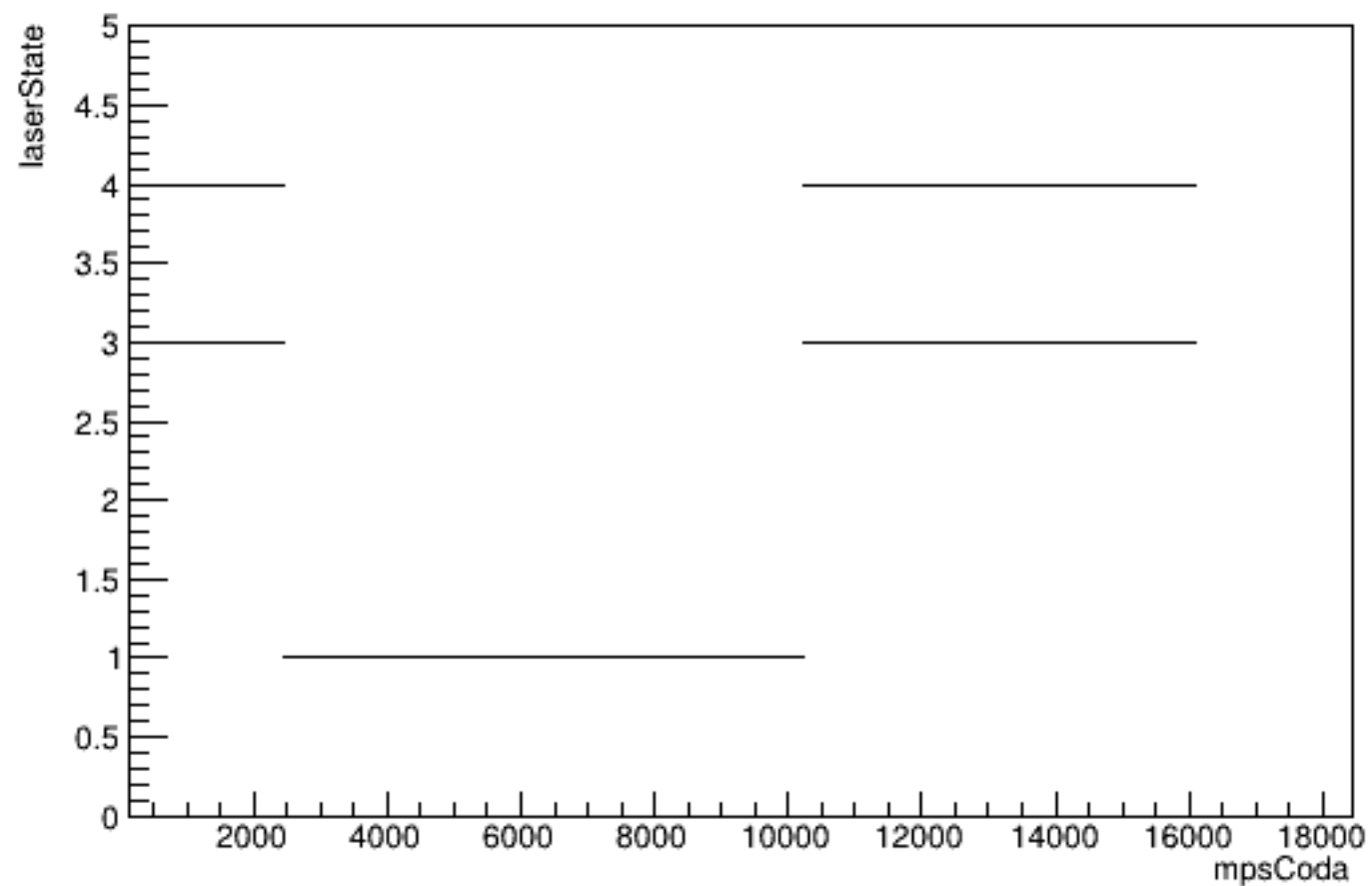
Run 5519 quartetwise, Asyms



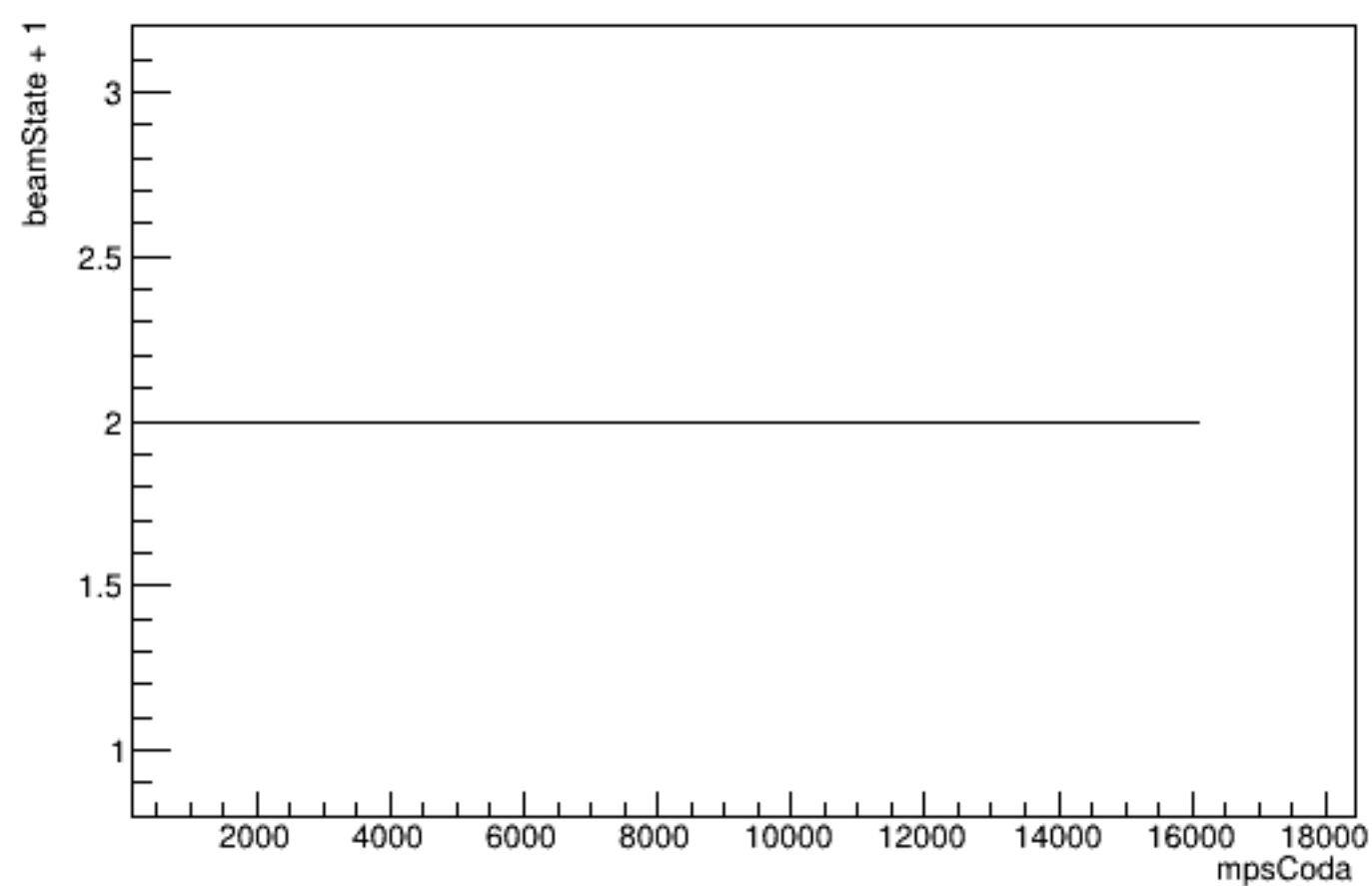
Acc0/NAcc0:mpsCoda {mpsCoda>=132 && mpsCoda<=16079 && beamState==1}



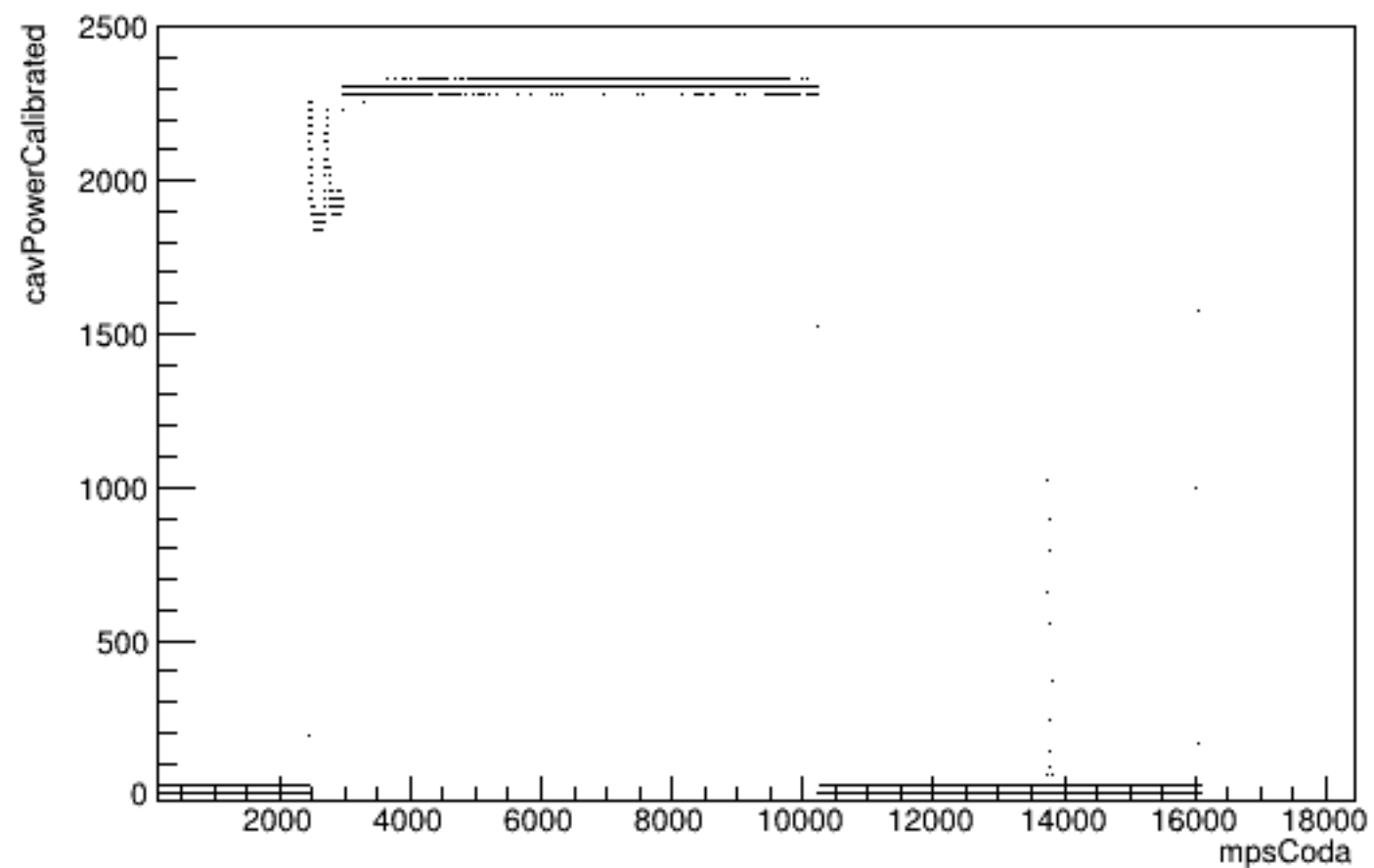
laserState:mpsCoda {mpsCoda>=132 && mpsCoda<=16079}



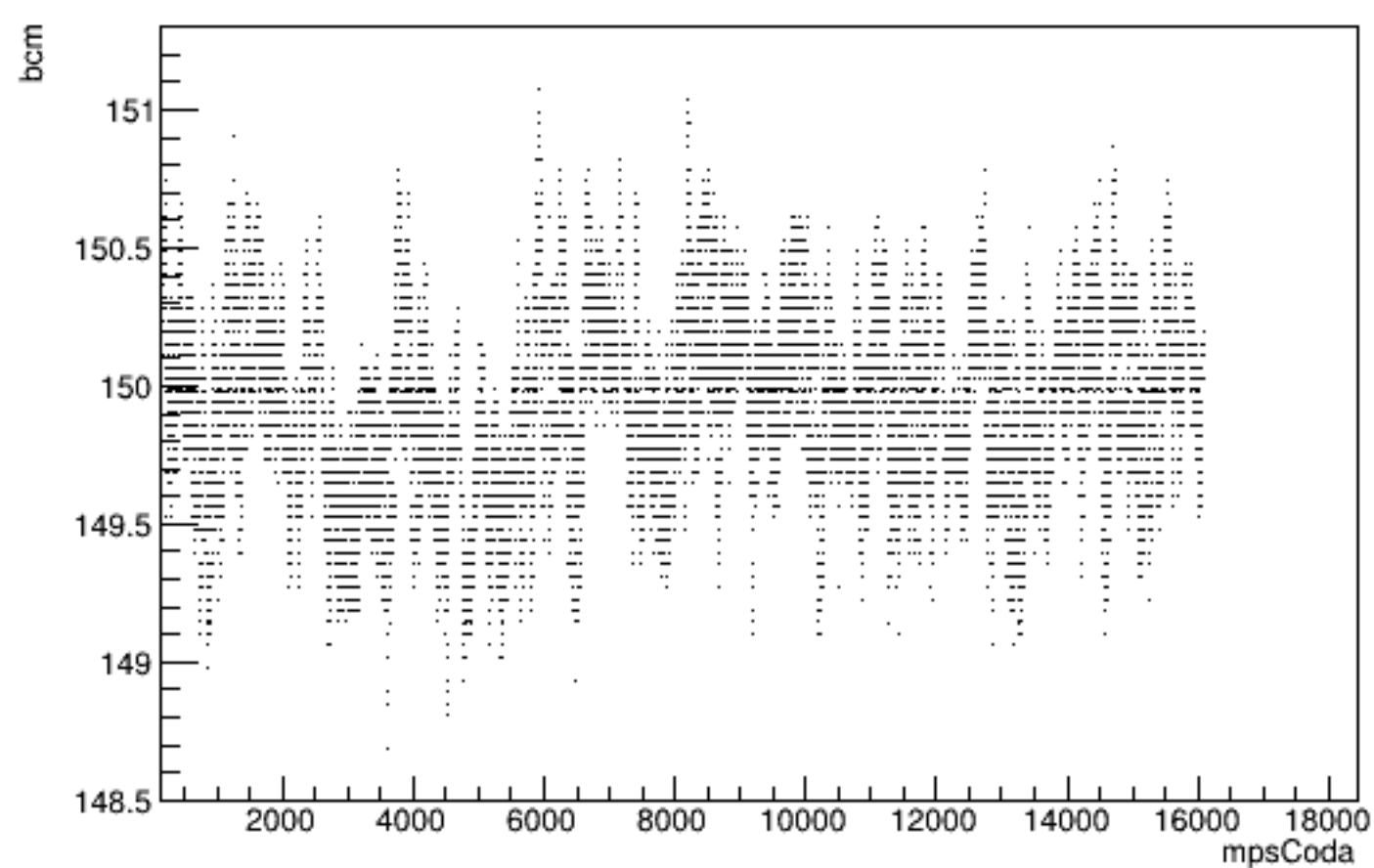
beamState + 1:mpsCoda {mpsCoda>=132 && mpsCoda<=16079}



cavPowerCalibrated:mpsCoda {mpsCoda>=132 && mpsCoda<=16079}



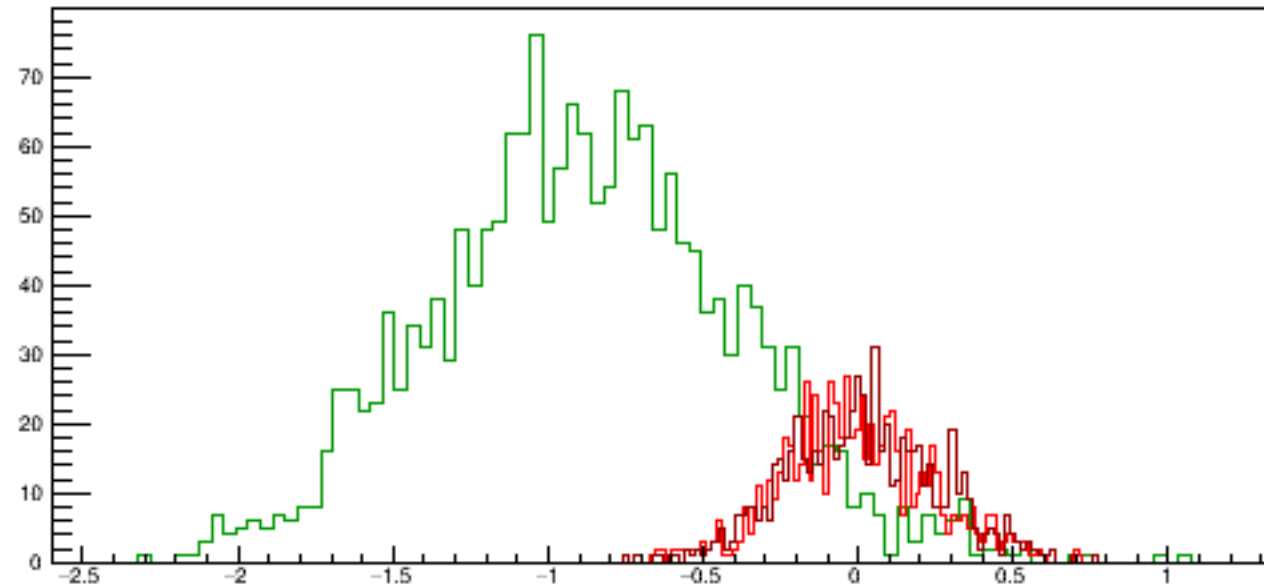
bcm:mpsCoda {mpsCoda>=132 && mpsCoda<=16079}



Cycle 2, Diffs

Entries: 729	Entries: 1889	Entries: 698
Mean: -0.0072 +/- 0.0089	Mean: -0.8786 +/- 0.0112	Mean: 0.0109 +/- 0.0092
Std Dev: 0.2415 +/- 0.0063	Std Dev: 0.4886 +/- 0.0079	Std Dev: 0.2442 +/- 0.0065

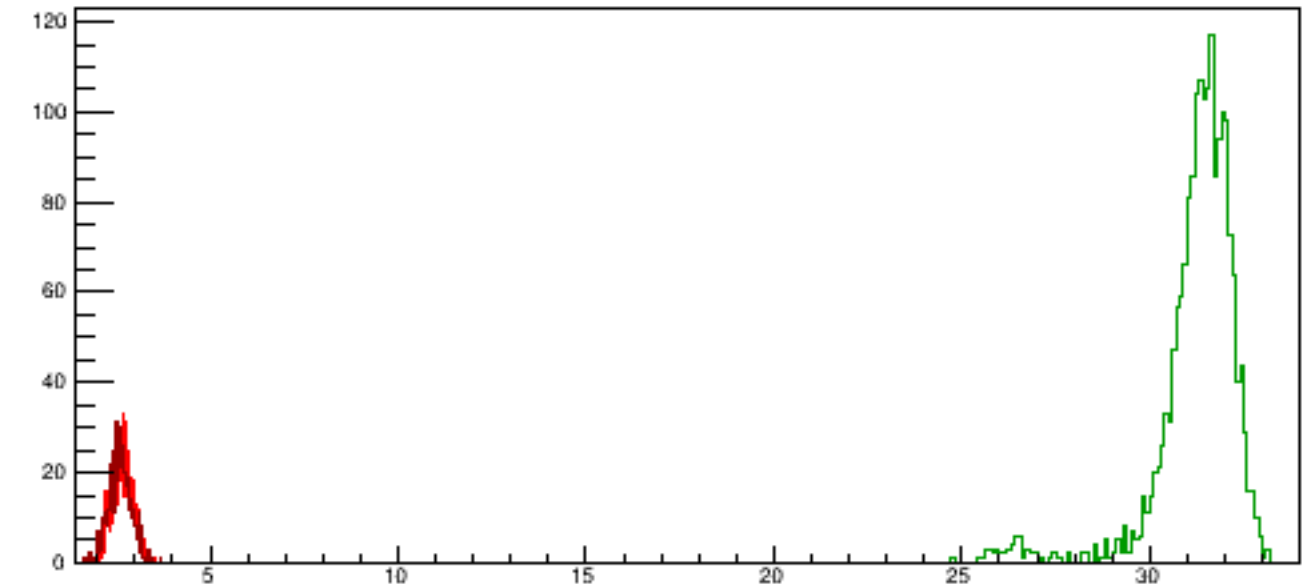
Run 5519 quartetwise, Diffs



Cycle 2, Sums

Entries: 729	Entries: 1889	Entries: 698
Mean: 2.6783 +/- 0.0106	Mean: 31.2756 +/- 0.0254	Mean: 2.5887 +/- 0.0110
Std Dev: 0.2854 +/- 0.0075	Std Dev: 1.1041 +/- 0.0180	Std Dev: 0.2908 +/- 0.0078

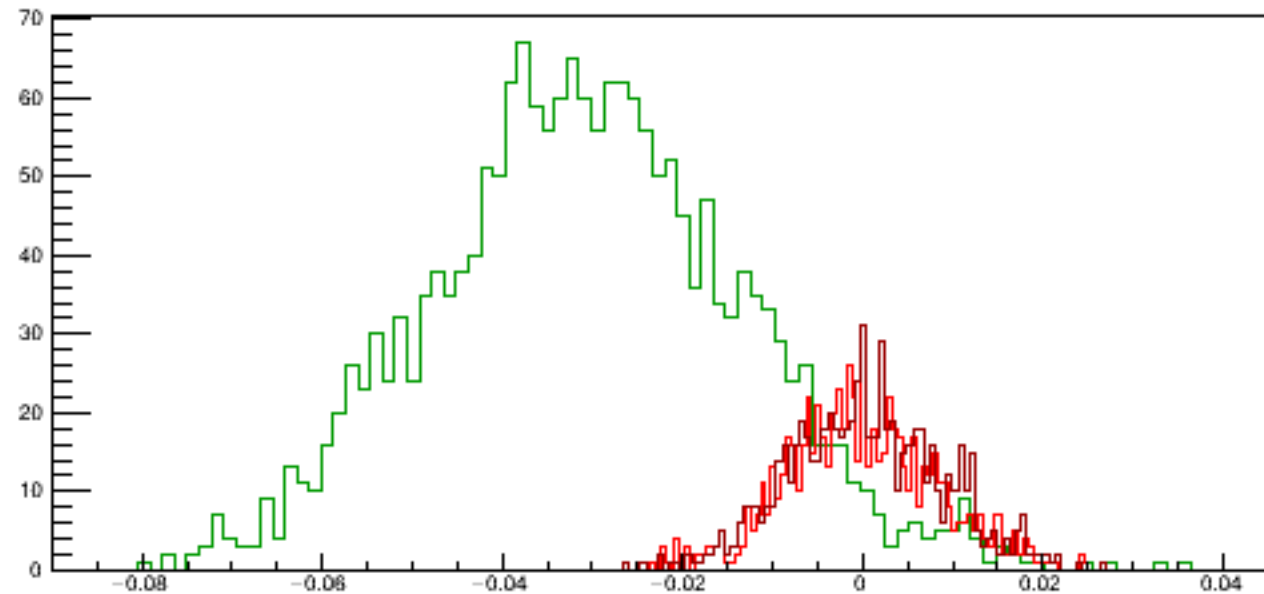
Run 5519 quartetwise, Sums



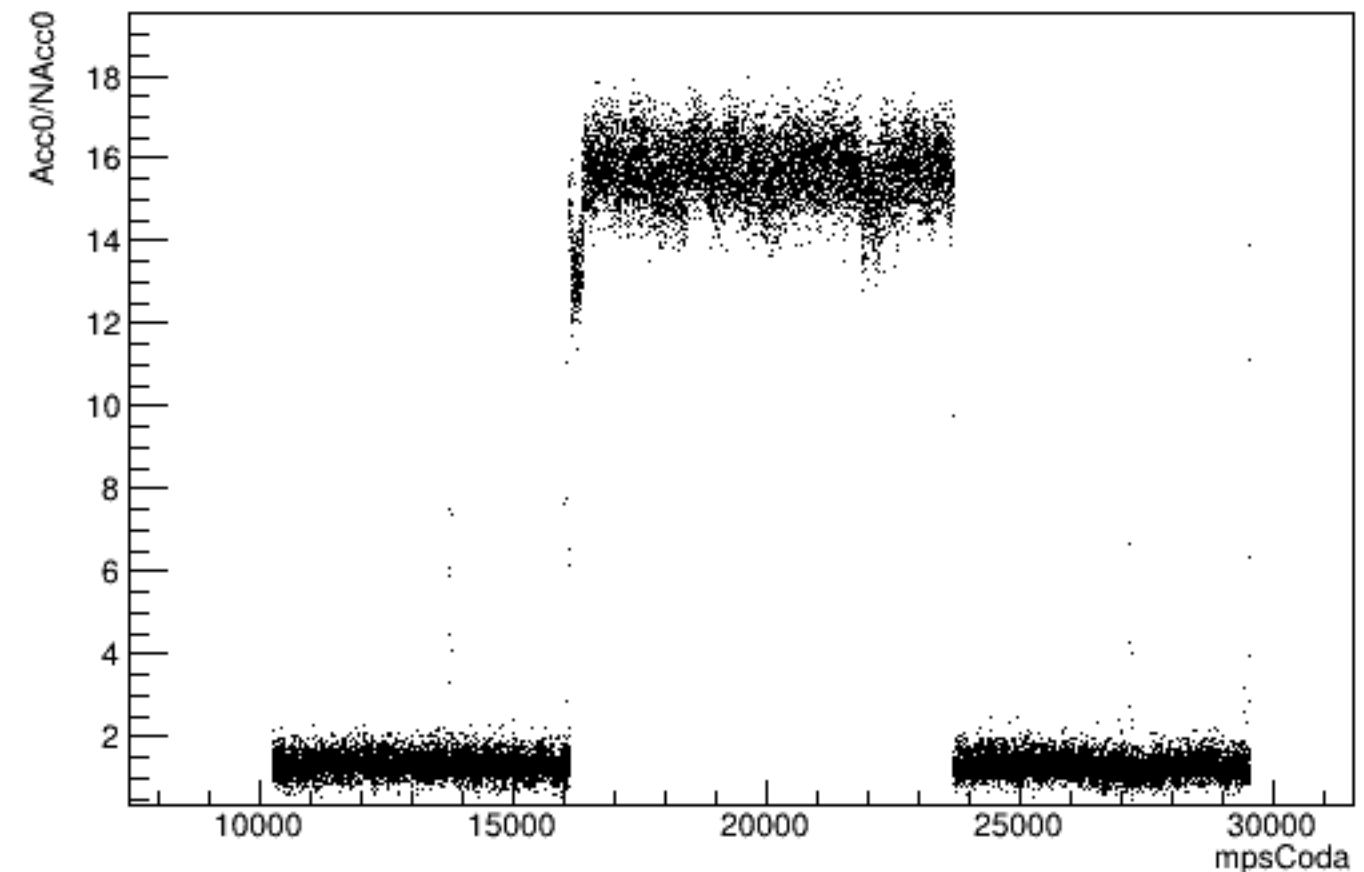
Cycle 2, Asyms

Entries: 729	Entries: 1889	Entries: 698
Mean: -0.0003 +/- 0.0003	Mean: -0.0307 +/- 0.0004	Mean: 0.0004 +/- 0.0003
Std Dev: 0.0084 +/- 0.0002	Std Dev: 0.0171 +/- 0.0003	Std Dev: 0.0085 +/- 0.0002

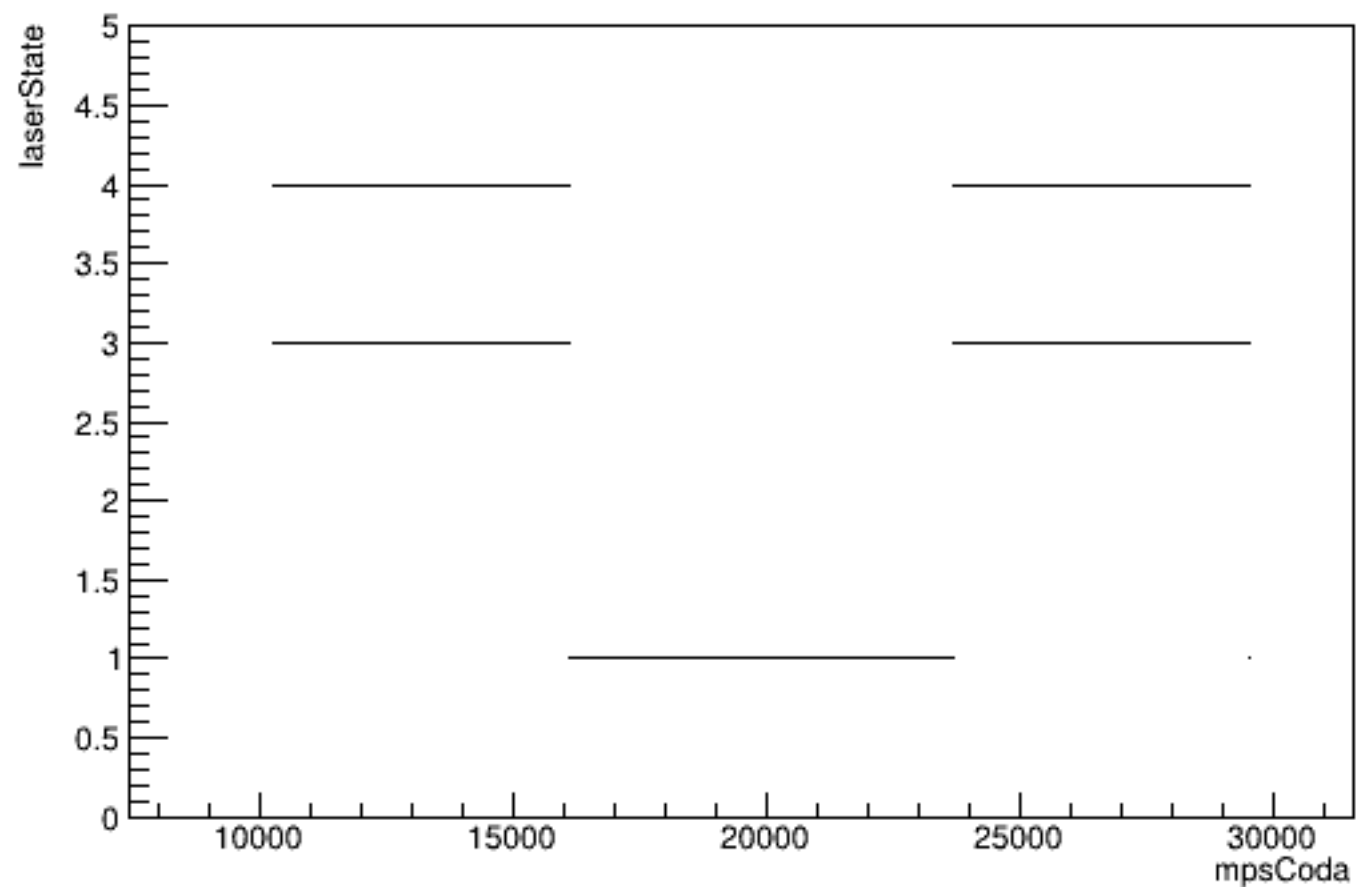
Run 5519 quartetwise, Asyms



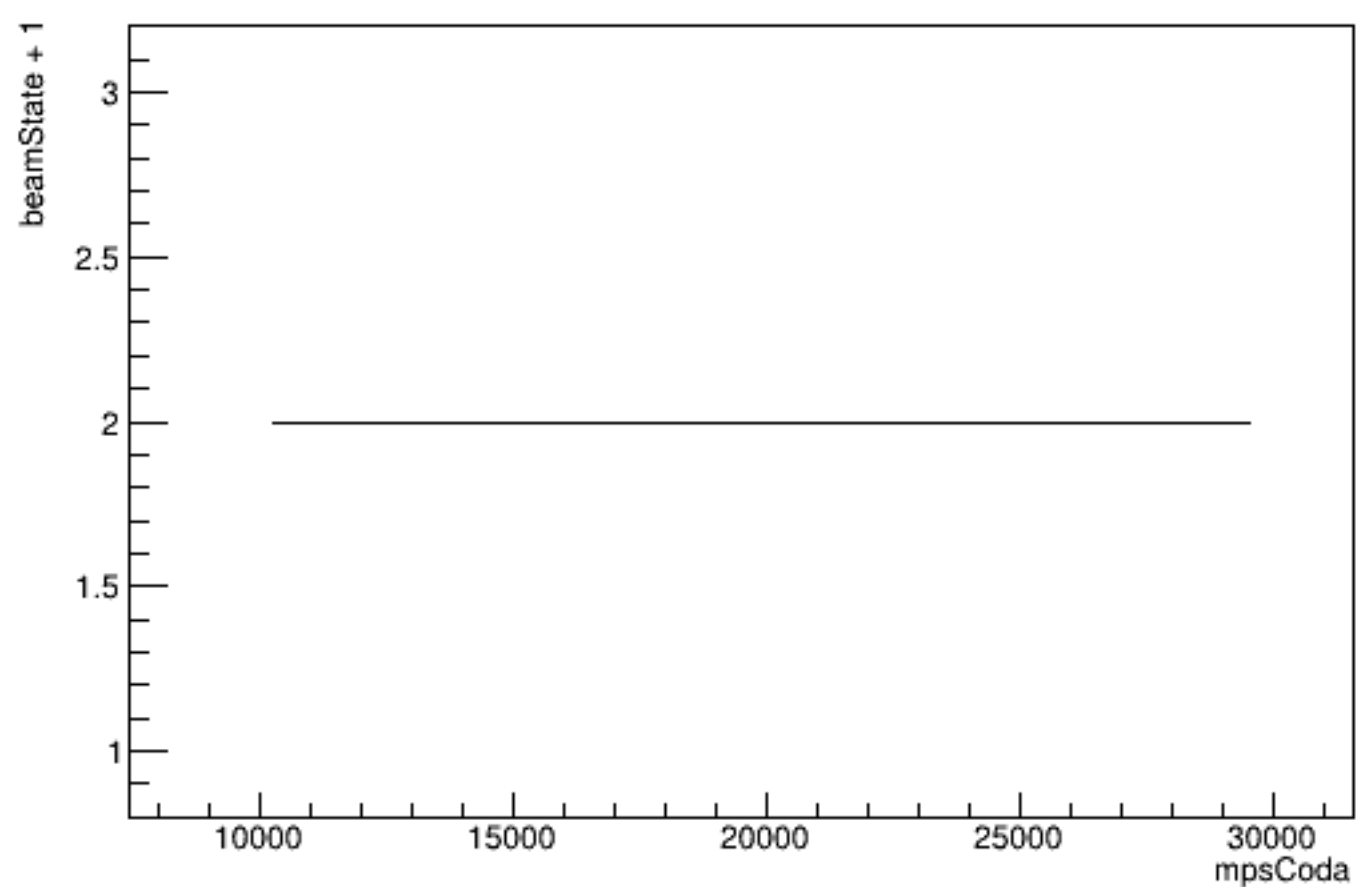
Acc0/NAcc0:mpsCoda {mpsCoda>=10248 && mpsCoda<=29519 && beamState==1}



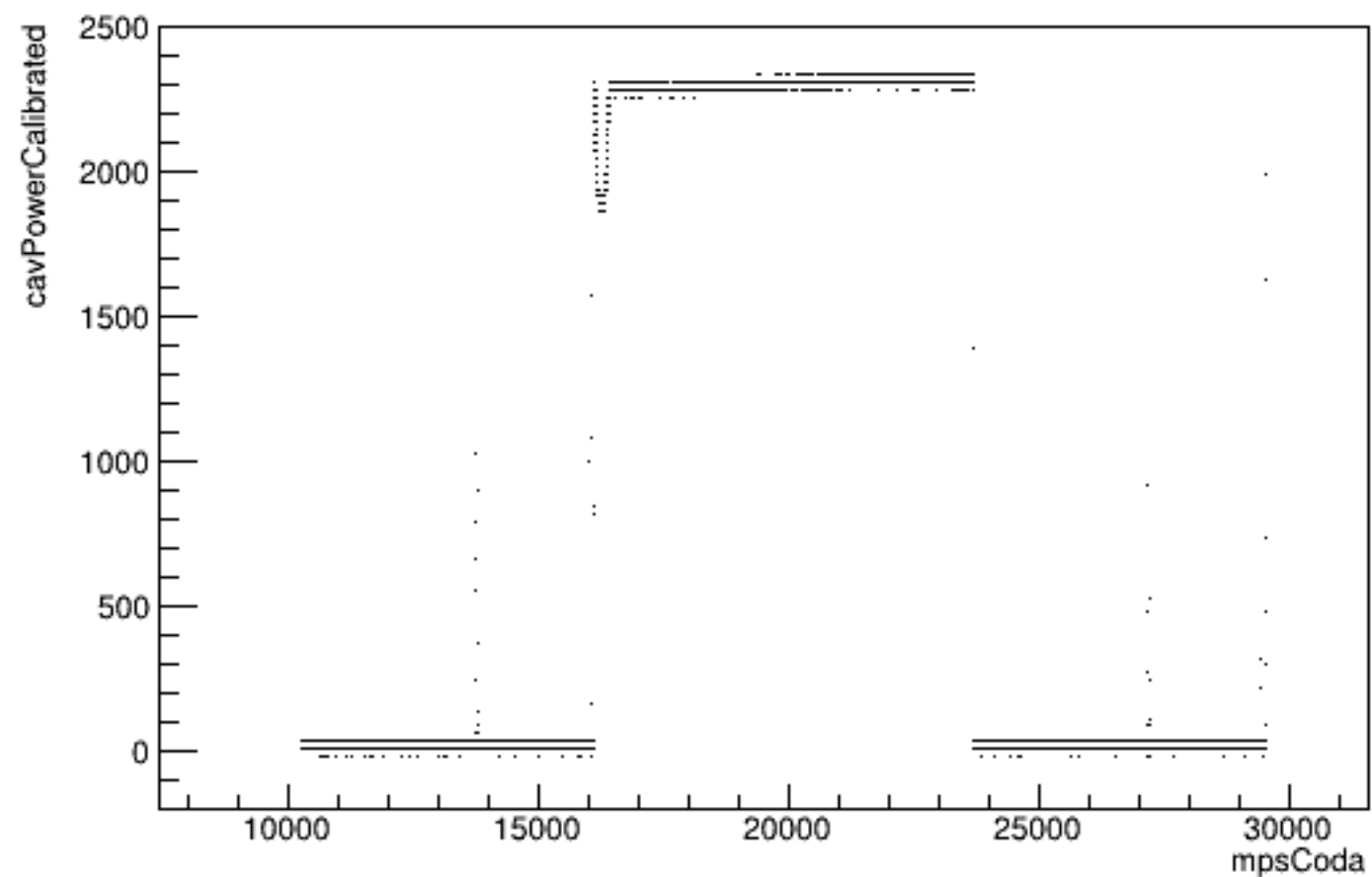
laserState:mpsCoda {mpsCoda>=10248 && mpsCoda<=29519}



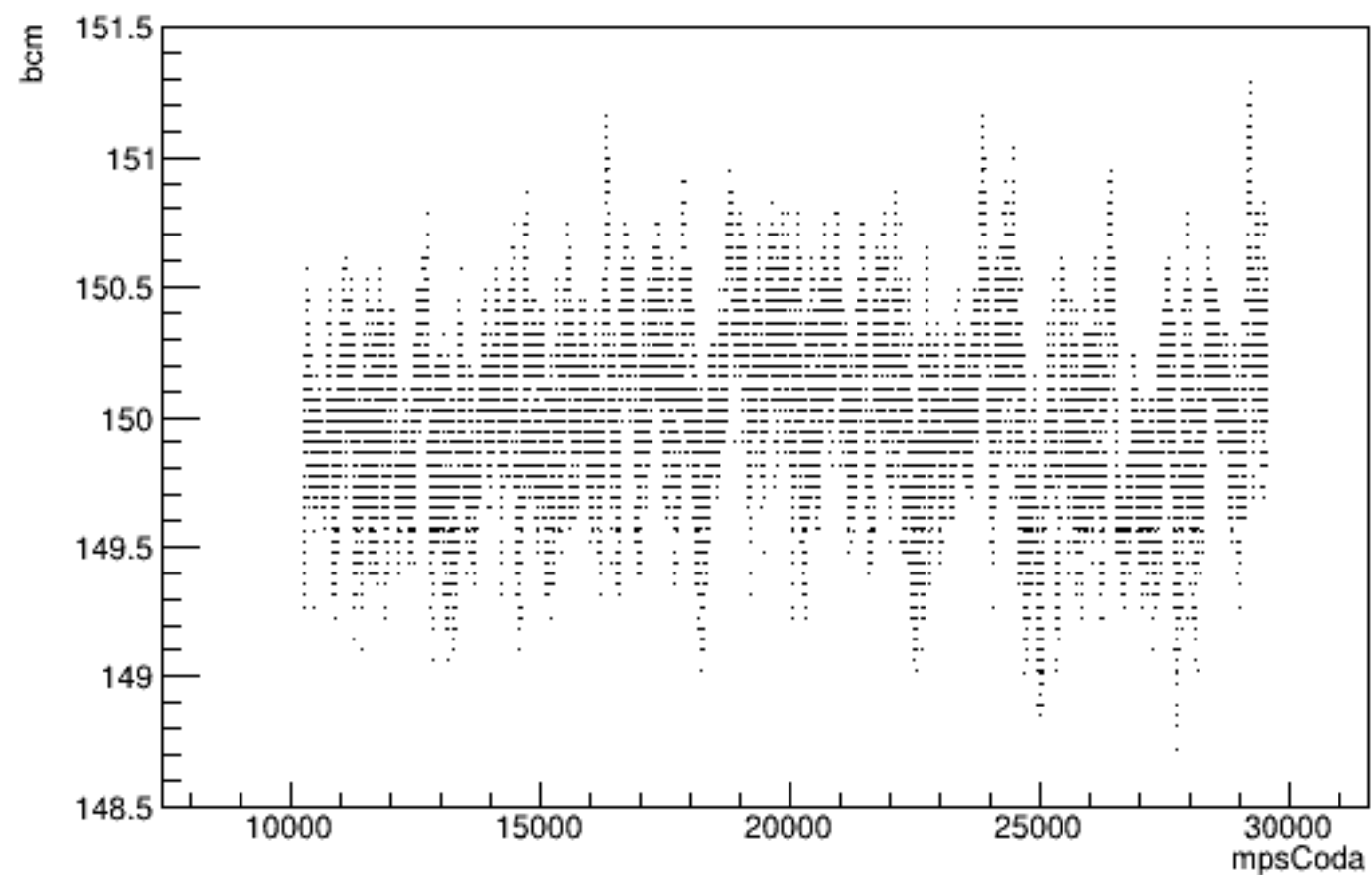
beamState + 1:mpsCoda {mpsCoda>=10248 && mpsCoda<=29519}



cavPowerCalibrated:mpsCoda {mpsCoda>=10248 && mpsCoda<=29519}



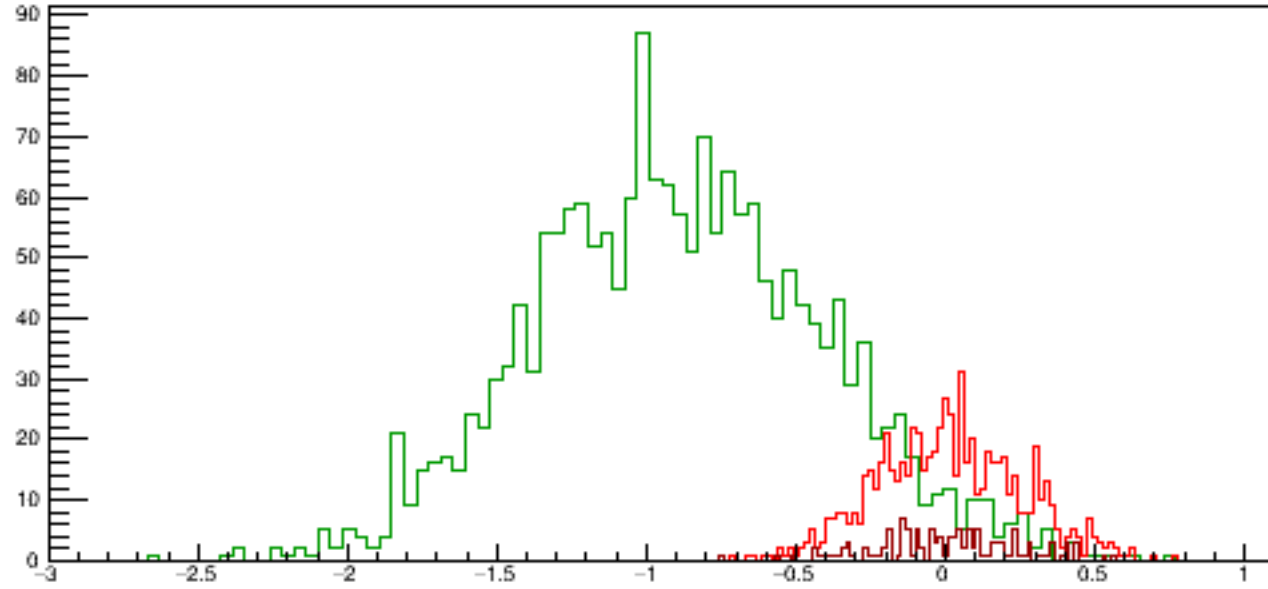
bcm:mpsCoda {mpsCoda>=10248 && mpsCoda<=29519}



Cycle 3, Diffs

Entries: 698 Mean: 0.0109 +/- 0.0092 Std Dev: 0.2442 +/- 0.0065	Entries: 1898 Mean: -0.8951 +/- 0.0111 Std Dev: 0.4853 +/- 0.0079	Entries: 127 Mean: 0.0046 +/- 0.0216 Std Dev: 0.2433 +/- 0.0153
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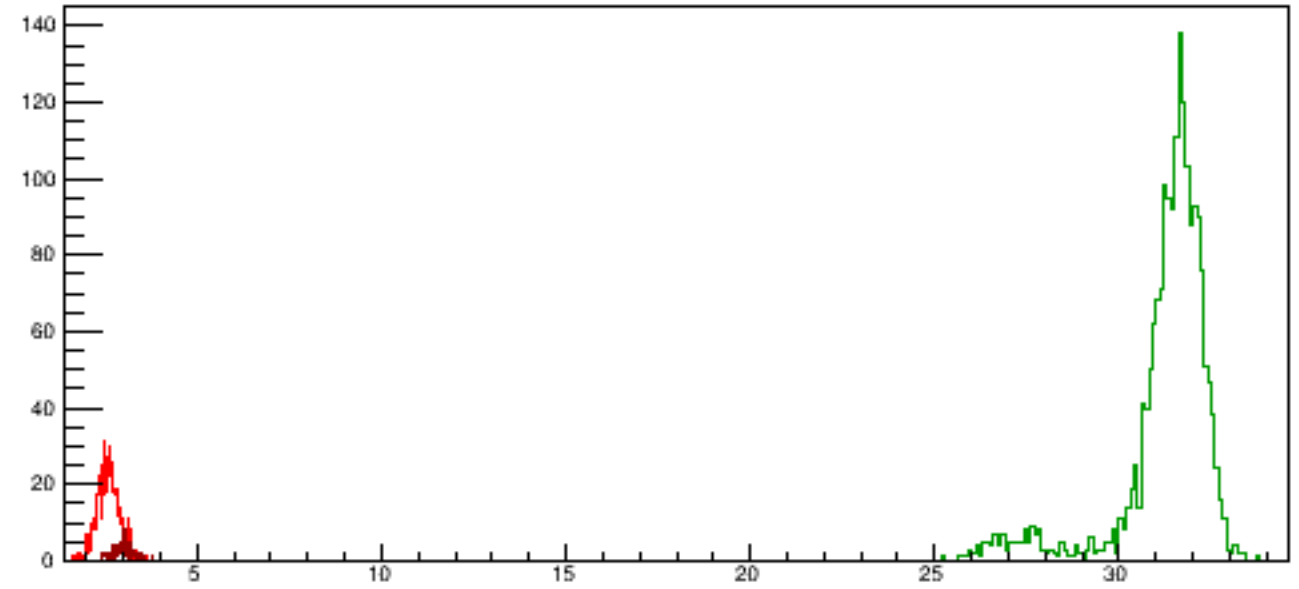
Run 5519 quartetwise, Diffs



Cycle 3, Sums

Entries: 698 Mean: 2.5887 +/- 0.0110 Std Dev: 0.2908 +/- 0.0078	Entries: 1898 Mean: 31.2620 +/- 0.0293 Std Dev: 1.2780 +/- 0.0207	Entries: 127 Mean: 2.9973 +/- 0.0246 Std Dev: 0.2773 +/- 0.0174
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Run 5519 quartetwise, Sums

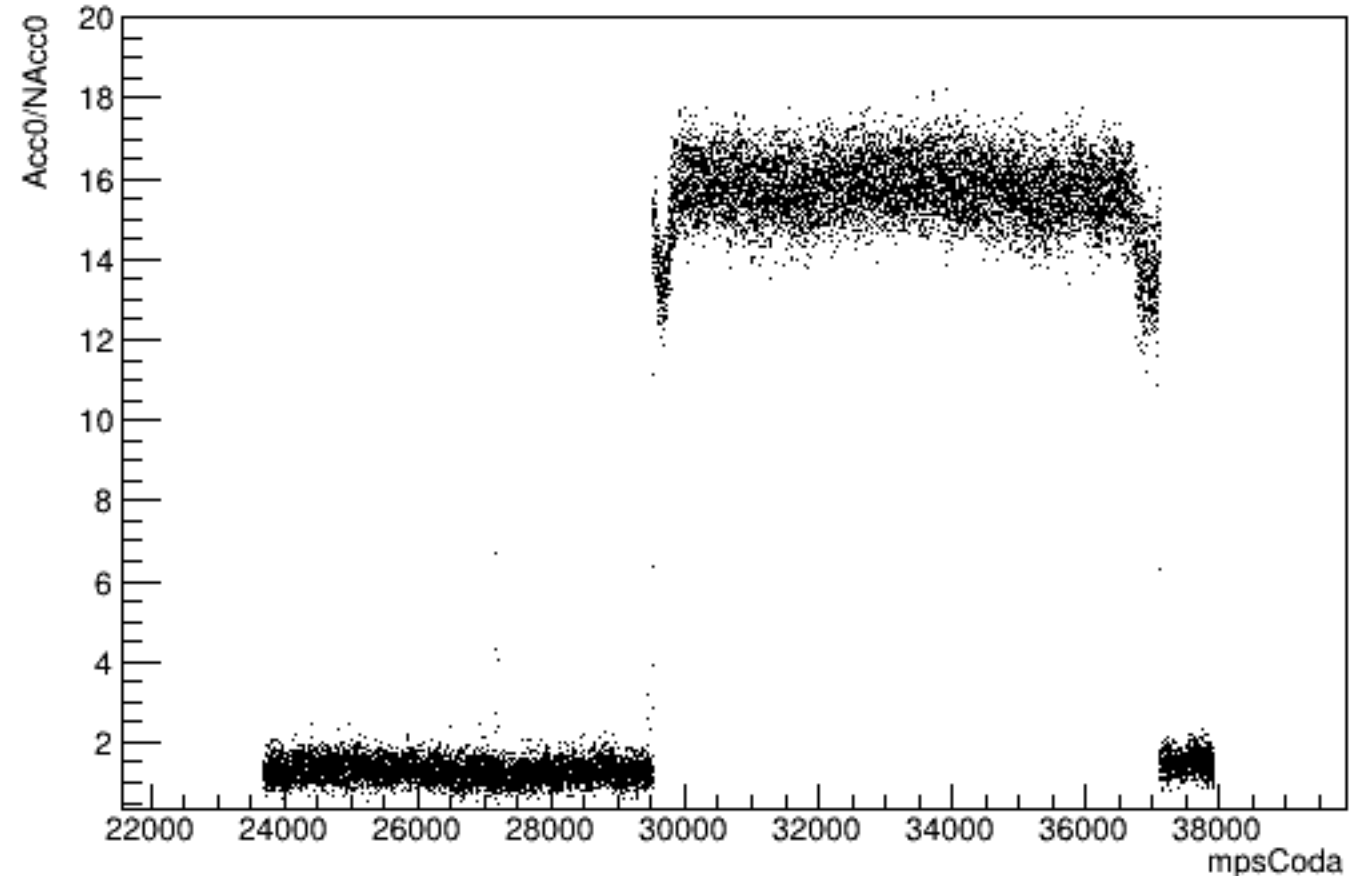
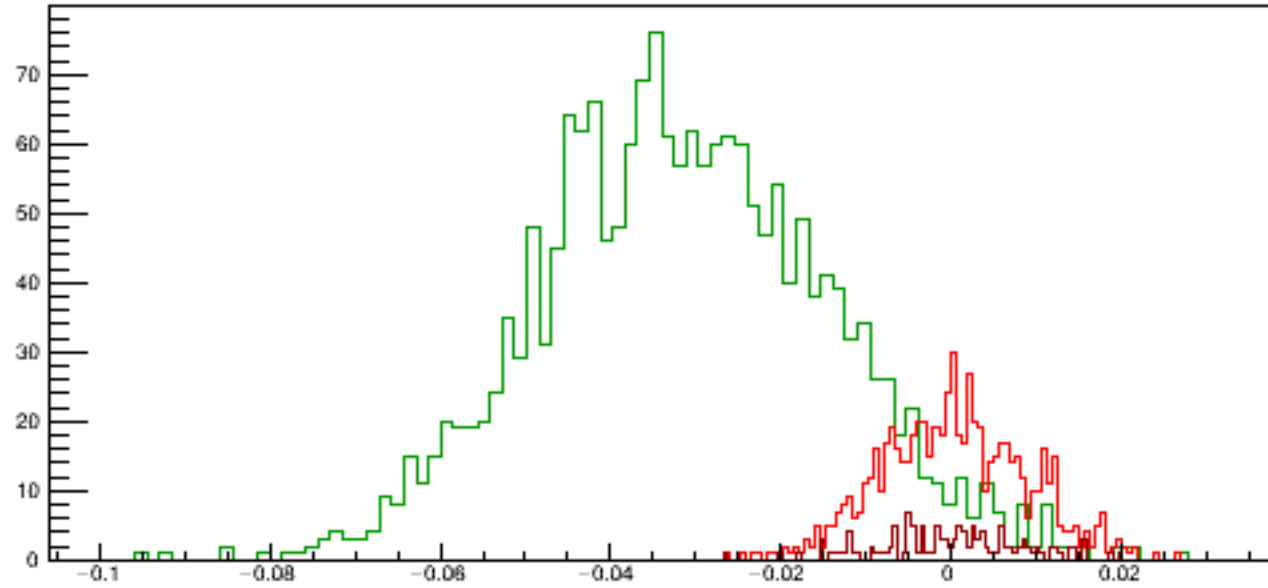


Acc0/NAcc0:mpsCoda {mpsCoda>=23692 && mpsCoda<=40583 && beamState==1}

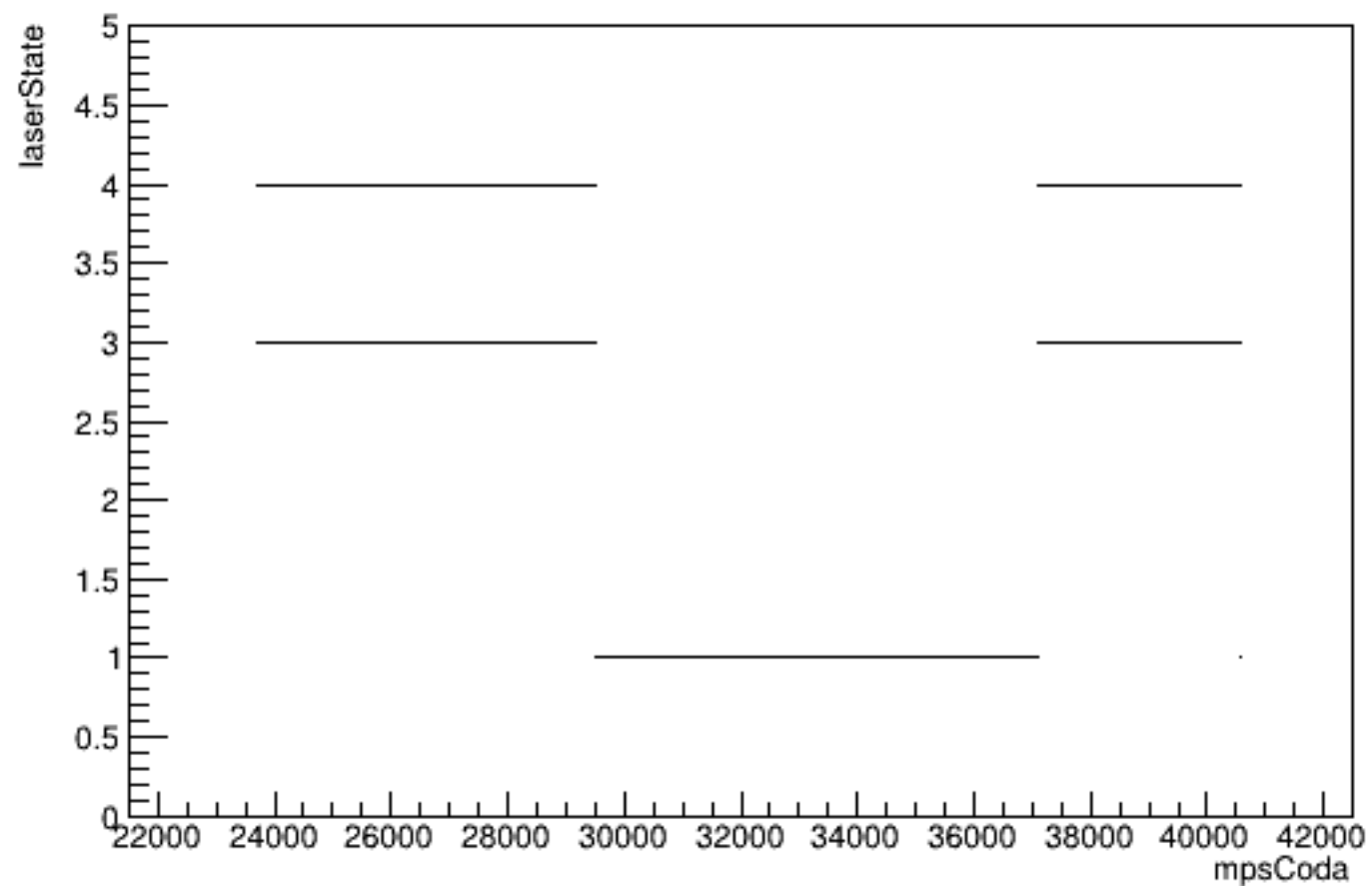
Cycle 3, Asyms

Entries: 698 Mean: 0.0004 +/- 0.0003 Std Dev: 0.0086 +/- 0.0002	Entries: 1898 Mean: -0.0314 +/- 0.0004 Std Dev: 0.0171 +/- 0.0003	Entries: 127 Mean: 0.0002 +/- 0.0008 Std Dev: 0.0085 +/- 0.0005
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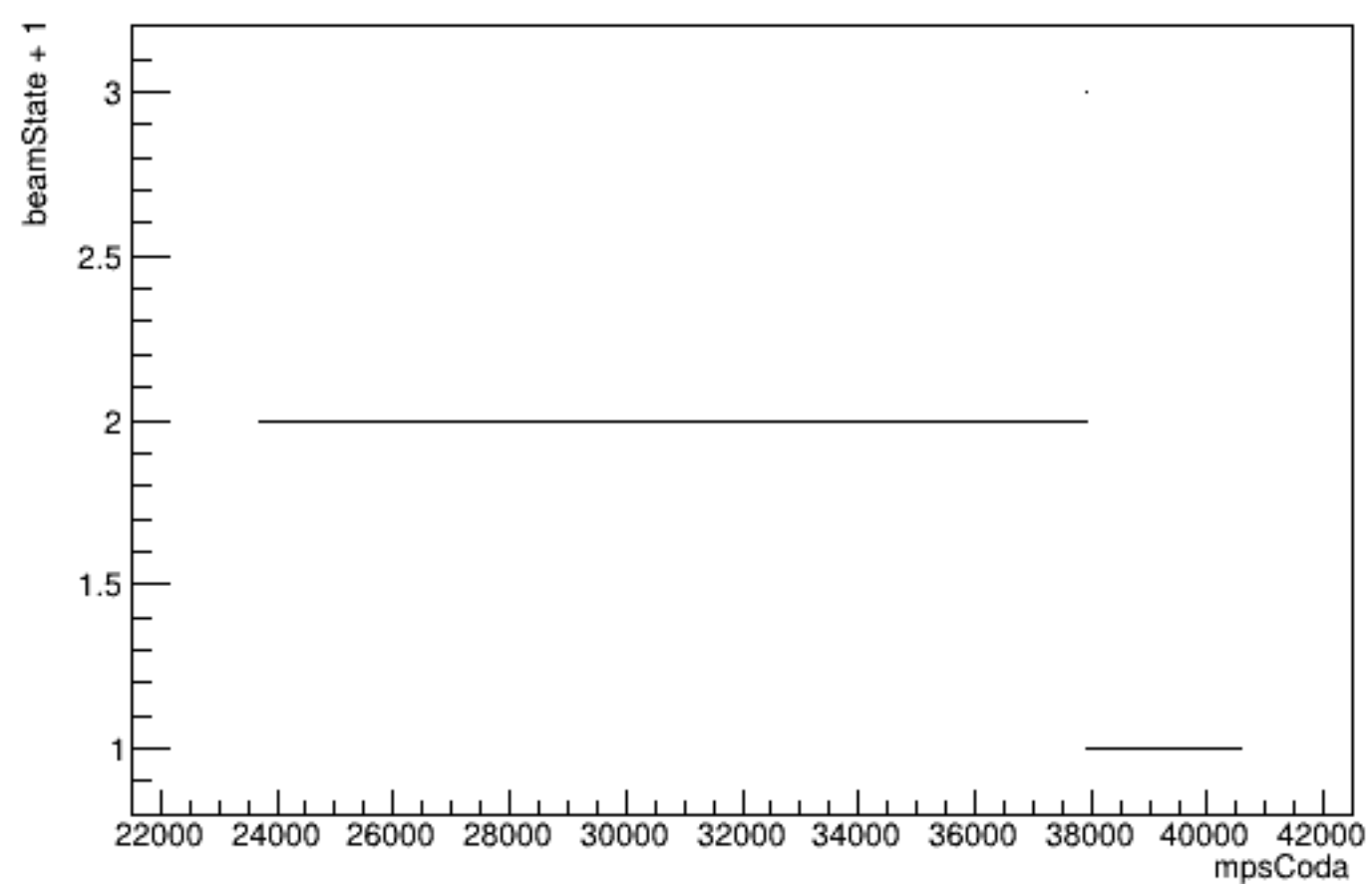
Run 5519 quartetwise, Asyms



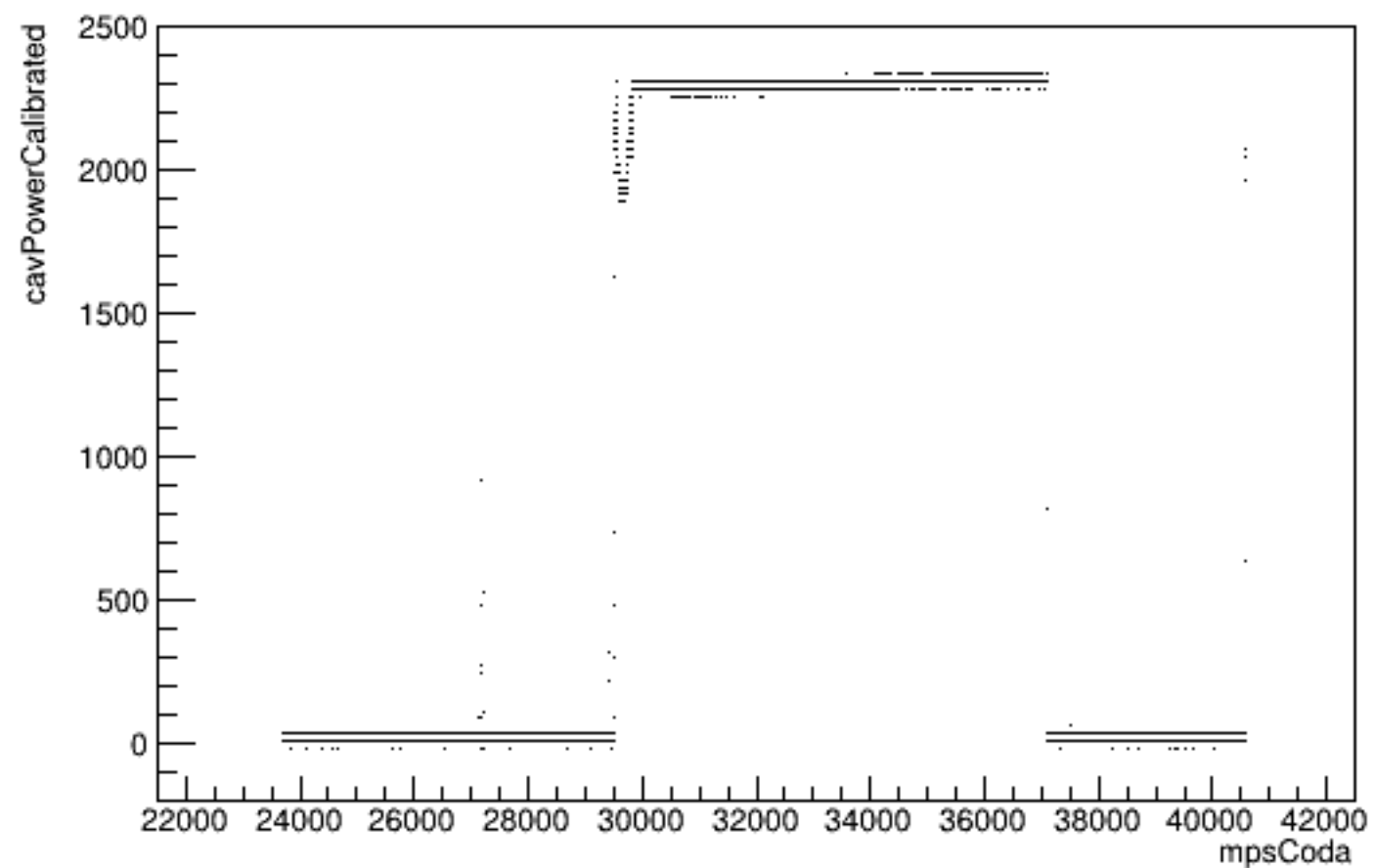
laserState:mpsCoda {mpsCoda>=23692 && mpsCoda<=40583}



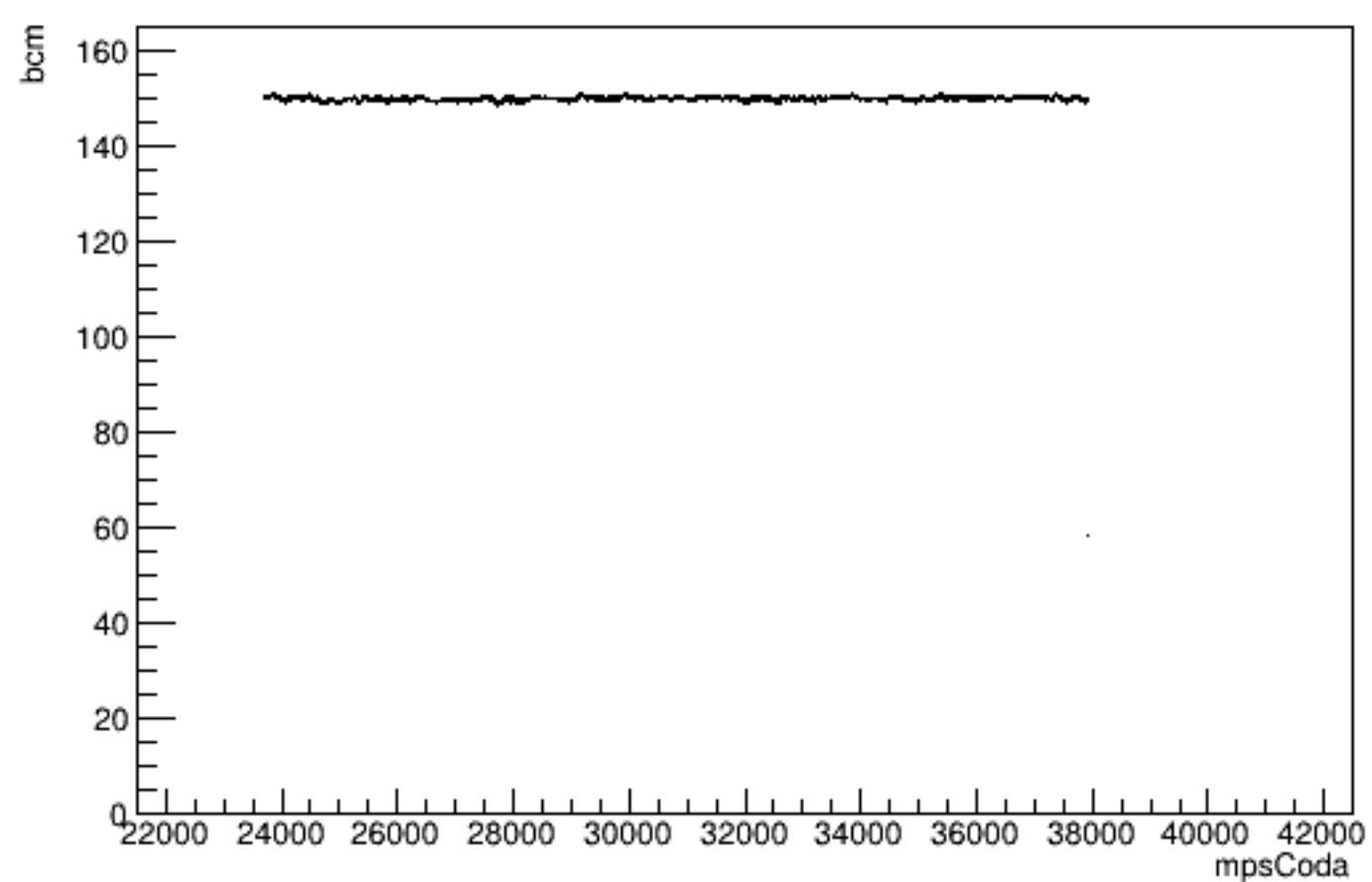
beamState + 1:mpsCoda {mpsCoda>=23692 && mpsCoda<=40583}



cavPowerCalibrated:mpsCoda {mpsCoda>=23692 && mpsCoda<=40583}



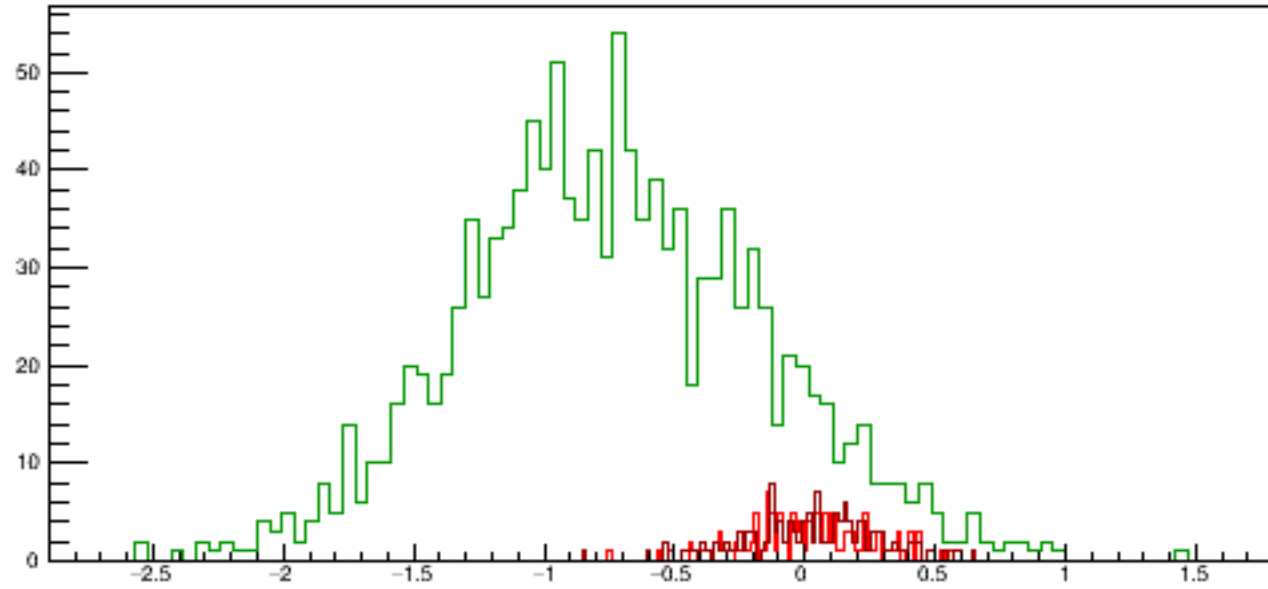
bcm:mpsCoda {mpsCoda>=23692 && mpsCoda<=40583}



Cycle 4, Diffs

Entries: 127 Mean: 0.0046 +/- 0.0216 Std Dev: 0.2433 +/- 0.0153	Entries: 1267 Mean: -0.7360 +/- 0.0164 Std Dev: 0.5847 +/- 0.0116	Entries: 137 Mean: 0.0326 +/- 0.0222 Std Dev: 0.2602 +/- 0.0157
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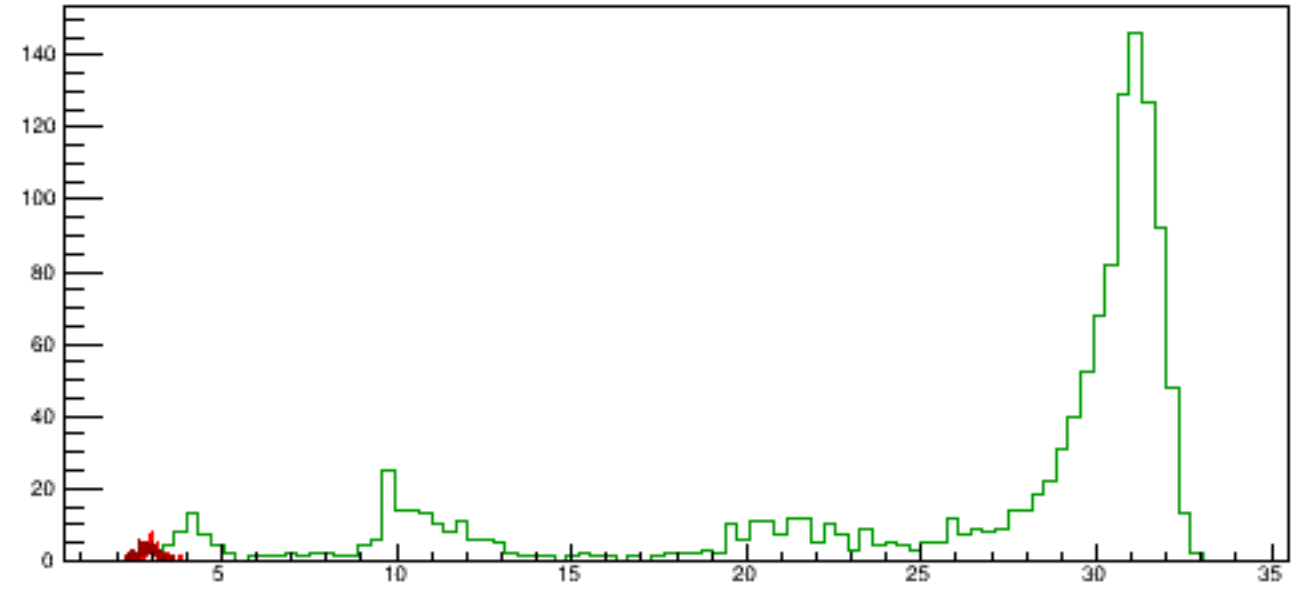
Run 5519 quartetwise, Diffs



Cycle 4, Sums

Entries: 127 Mean: 2.9973 +/- 0.0246 Std Dev: 0.2773 +/- 0.0174	Entries: 1267 Mean: 26.4696 +/- 0.2170 Std Dev: 7.7226 +/- 0.1534	Entries: 137 Mean: 2.8472 +/- 0.0240 Std Dev: 0.2814 +/- 0.0170
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Run 5519 quartetwise, Sums

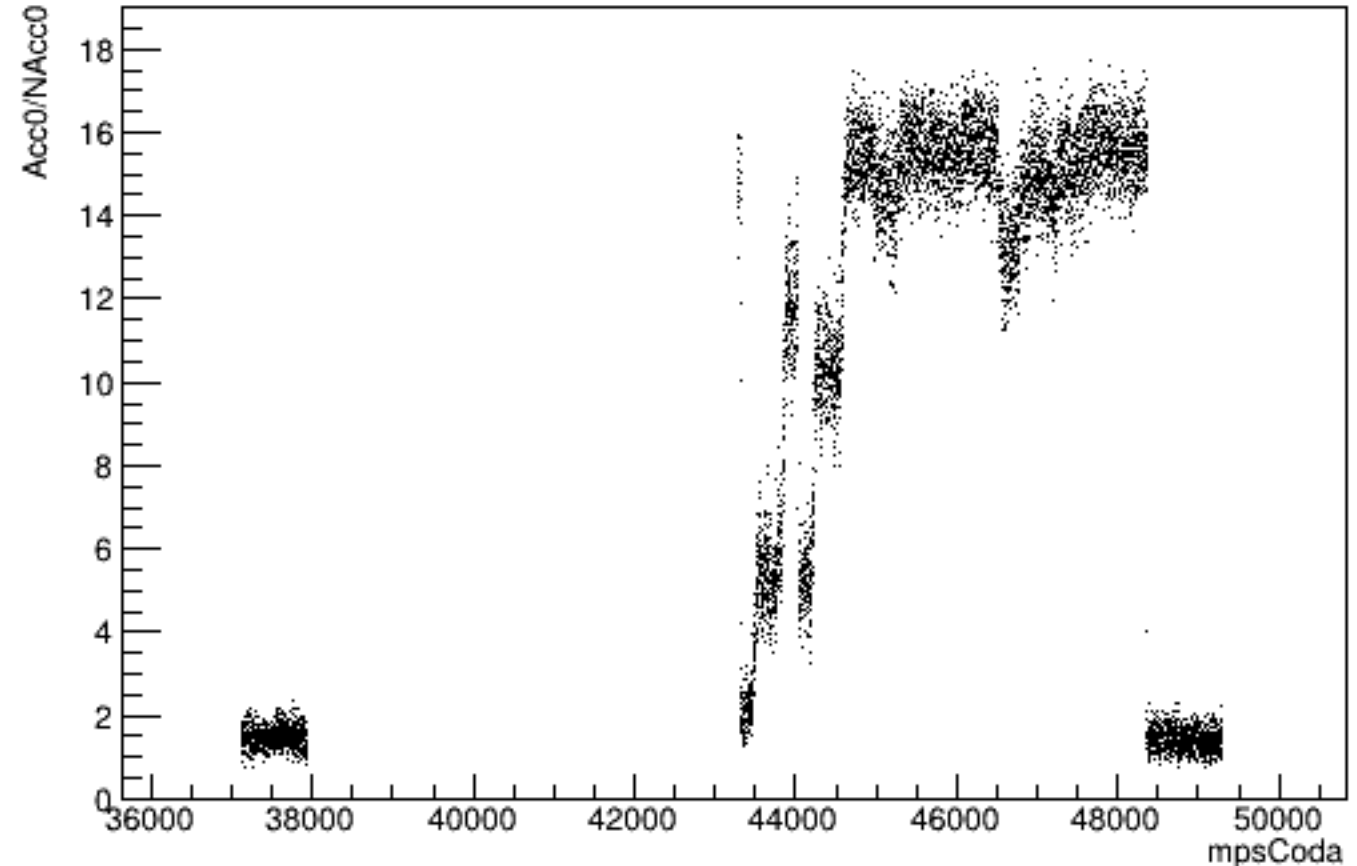
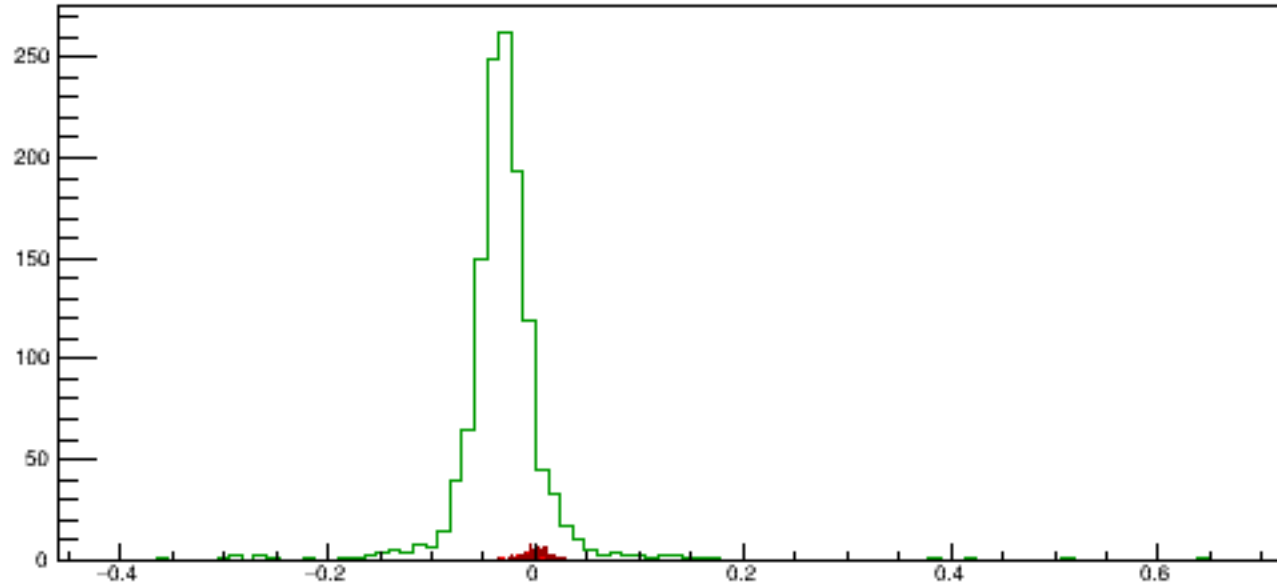


Acc0/NAcc0:mpsCoda {mpsCoda>=37116 && mpsCoda<=51875 && beamState==1}

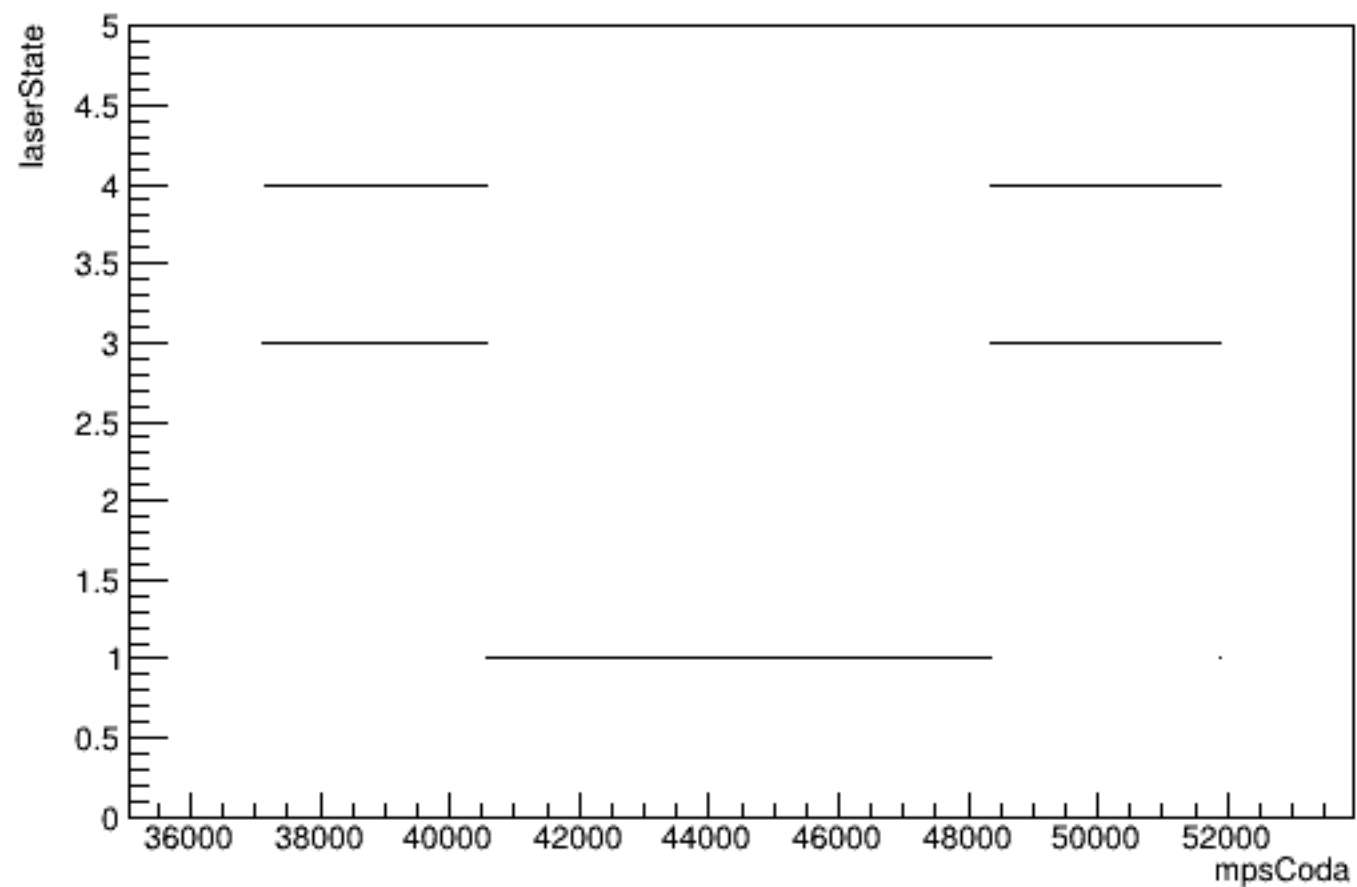
Cycle 4, Asyms

Entries: 127 Mean: 0.0002 +/- 0.0009 Std Dev: 0.0103 +/- 0.0006	Entries: 1267 Mean: -0.0305 +/- 0.0014 Std Dev: 0.0486 +/- 0.0010	Entries: 137 Mean: 0.0014 +/- 0.0009 Std Dev: 0.0110 +/- 0.0007
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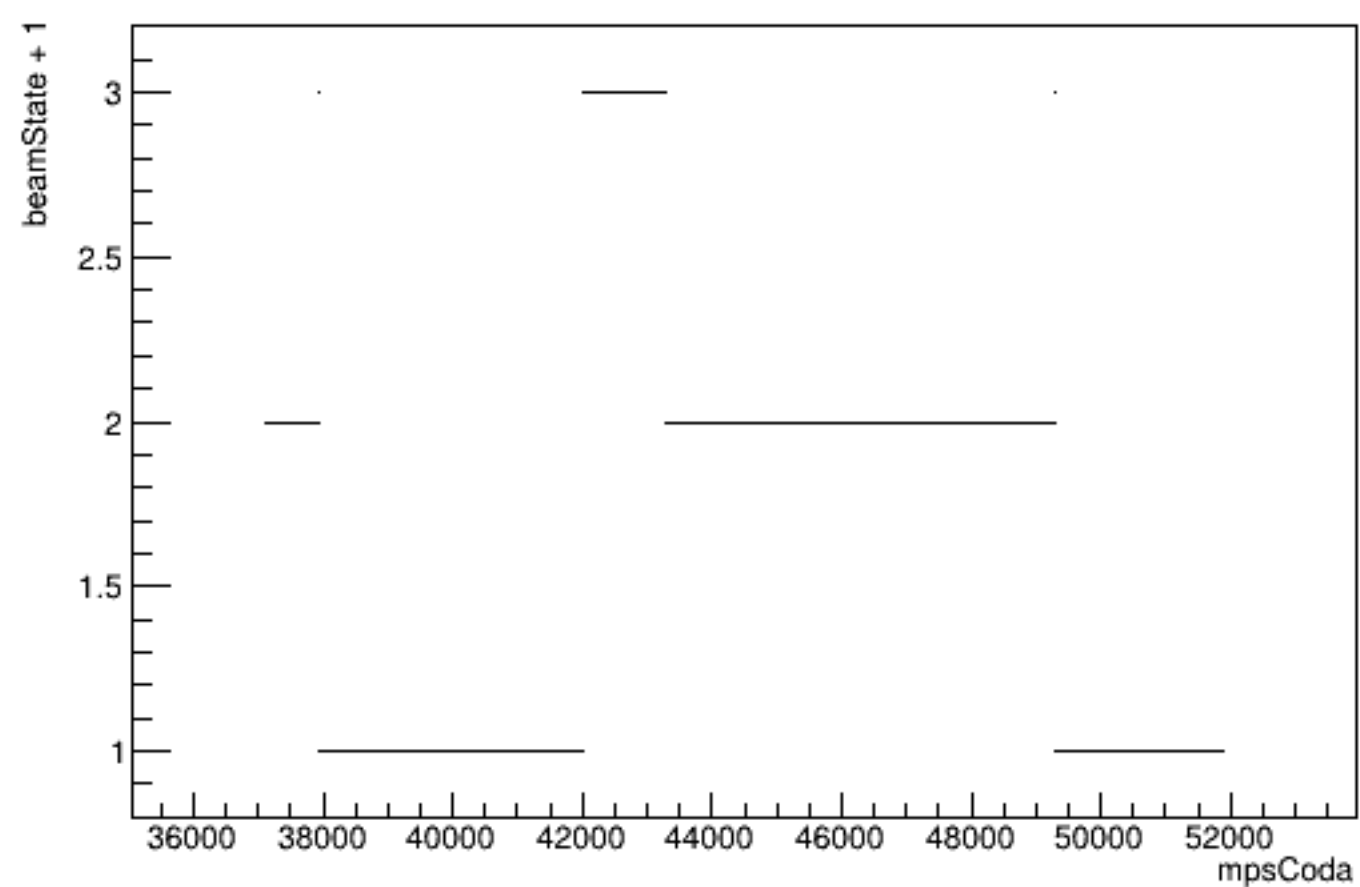
Run 5519 quartetwise, Asyms



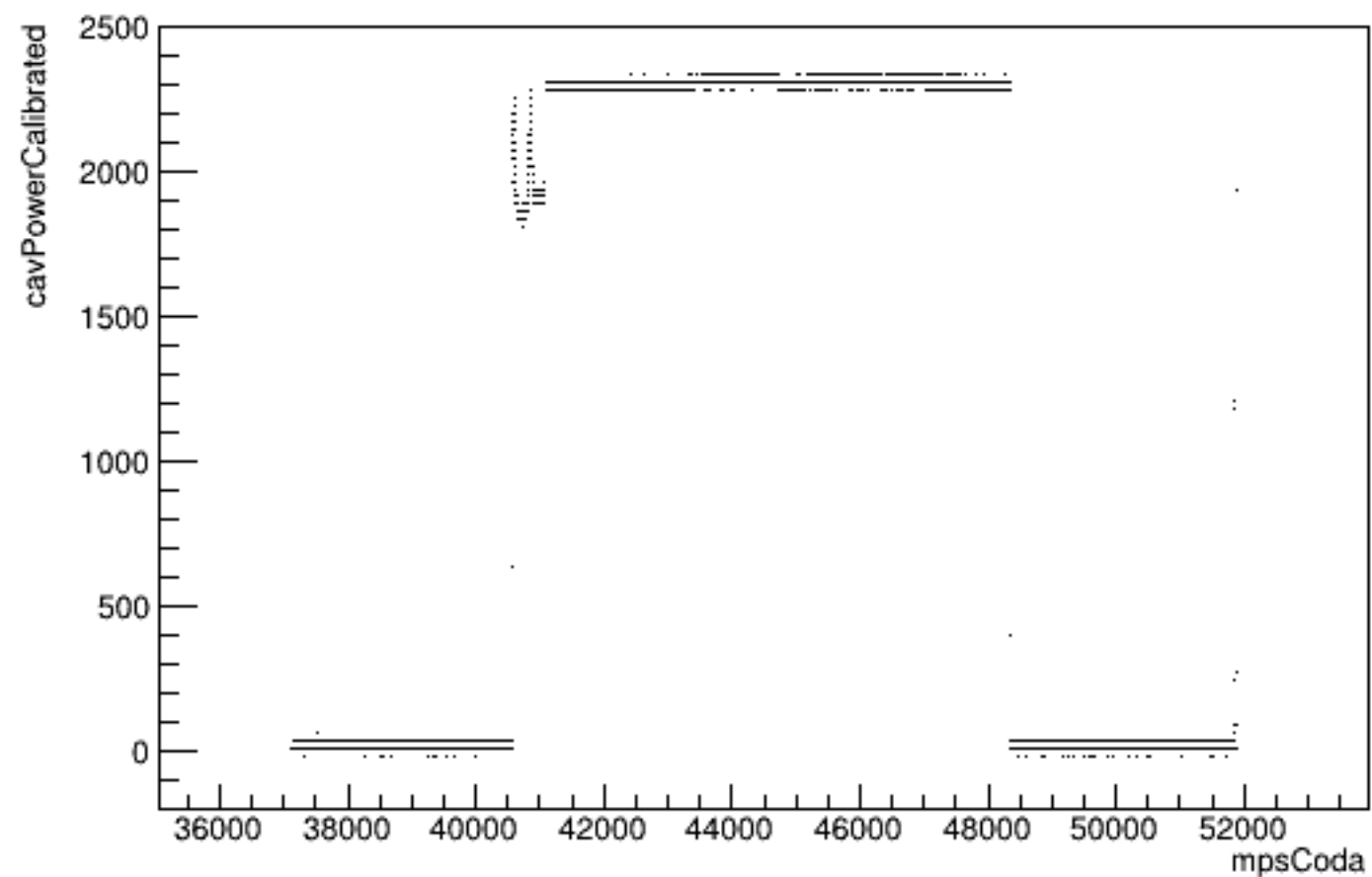
laserState:mpsCoda {mpsCoda>=37116 && mpsCoda<=51875}



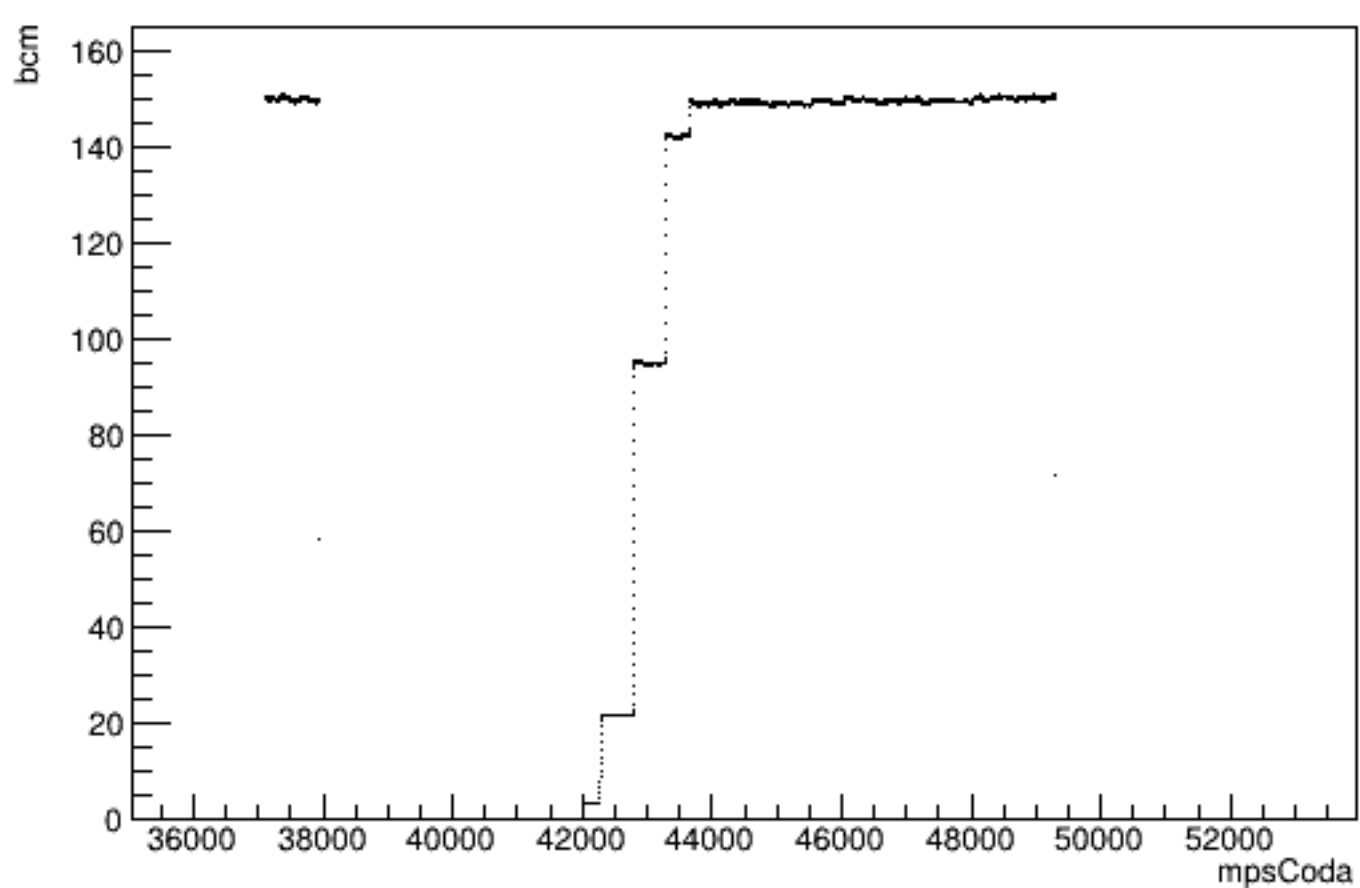
beamState + 1:mpsCoda {mpsCoda>=37116 && mpsCoda<=51875}



cavPowerCalibrated:mpsCoda {mpsCoda>=37116 && mpsCoda<=51875}



bcm:mpsCoda {mpsCoda>=37116 && mpsCoda<=51875}



Cycle 5, Diffs

Entries: 435

Mean: 0.0224 +/- 0.0118

Std Dev: 0.2469 +/- 0.0084

Entries: 1960

Mean: -0.8646 +/- 0.0116

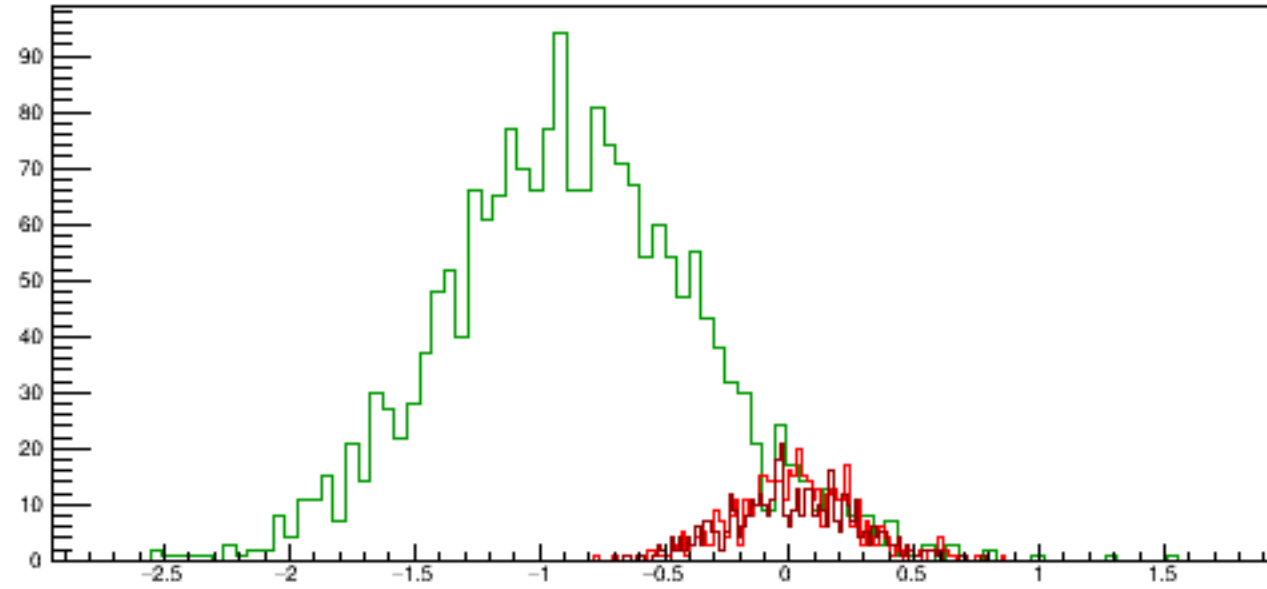
Std Dev: 0.5157 +/- 0.0082

Entries: 440

Mean: 0.0099 +/- 0.0121

Std Dev: 0.2545 +/- 0.0086

Run 5519 quartetwise, Diffs



Cycle 5, Sums

Entries: 435

Mean: 2.8441 +/- 0.0132

Std Dev: 0.2760 +/- 0.0094

Entries: 1960

Mean: 30.8759 +/- 0.0397

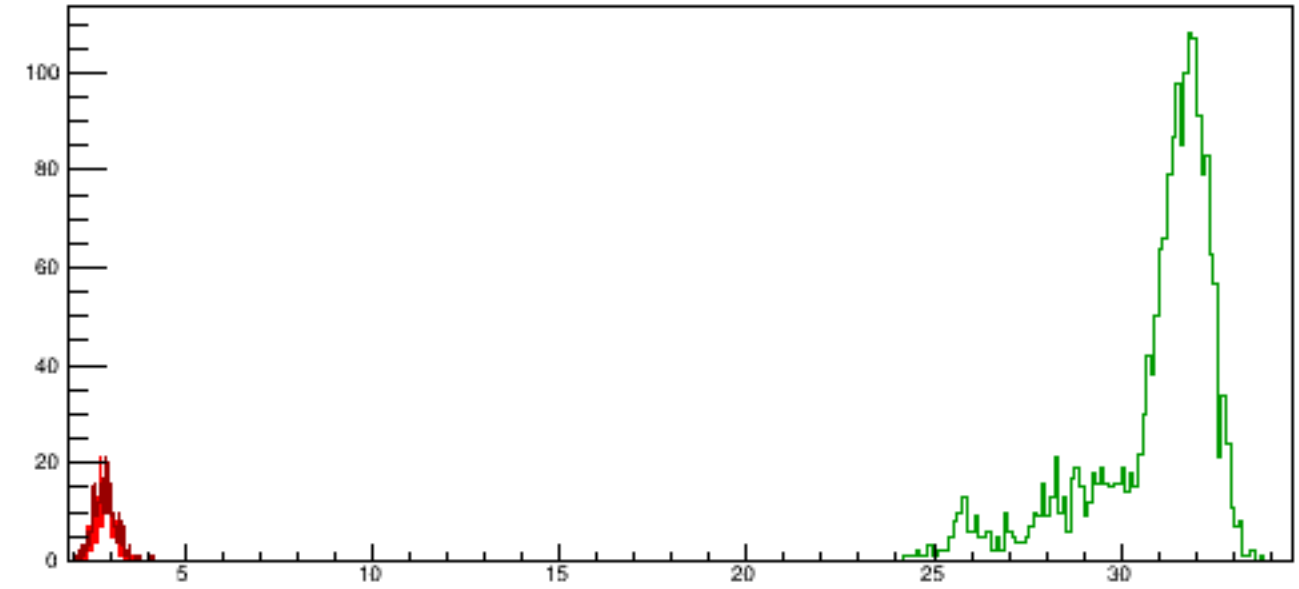
Std Dev: 1.7556 +/- 0.0280

Entries: 440

Mean: 2.8346 +/- 0.0137

Std Dev: 0.2866 +/- 0.0097

Run 5519 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=109228 && mpsCoda<=124147 && beamState==1)

Cycle 5, Asyms

Entries: 435

Mean: 0.0008 +/- 0.0004

Std Dev: 0.0088 +/- 0.0003

Entries: 1960

Mean: -0.0308 +/- 0.0004

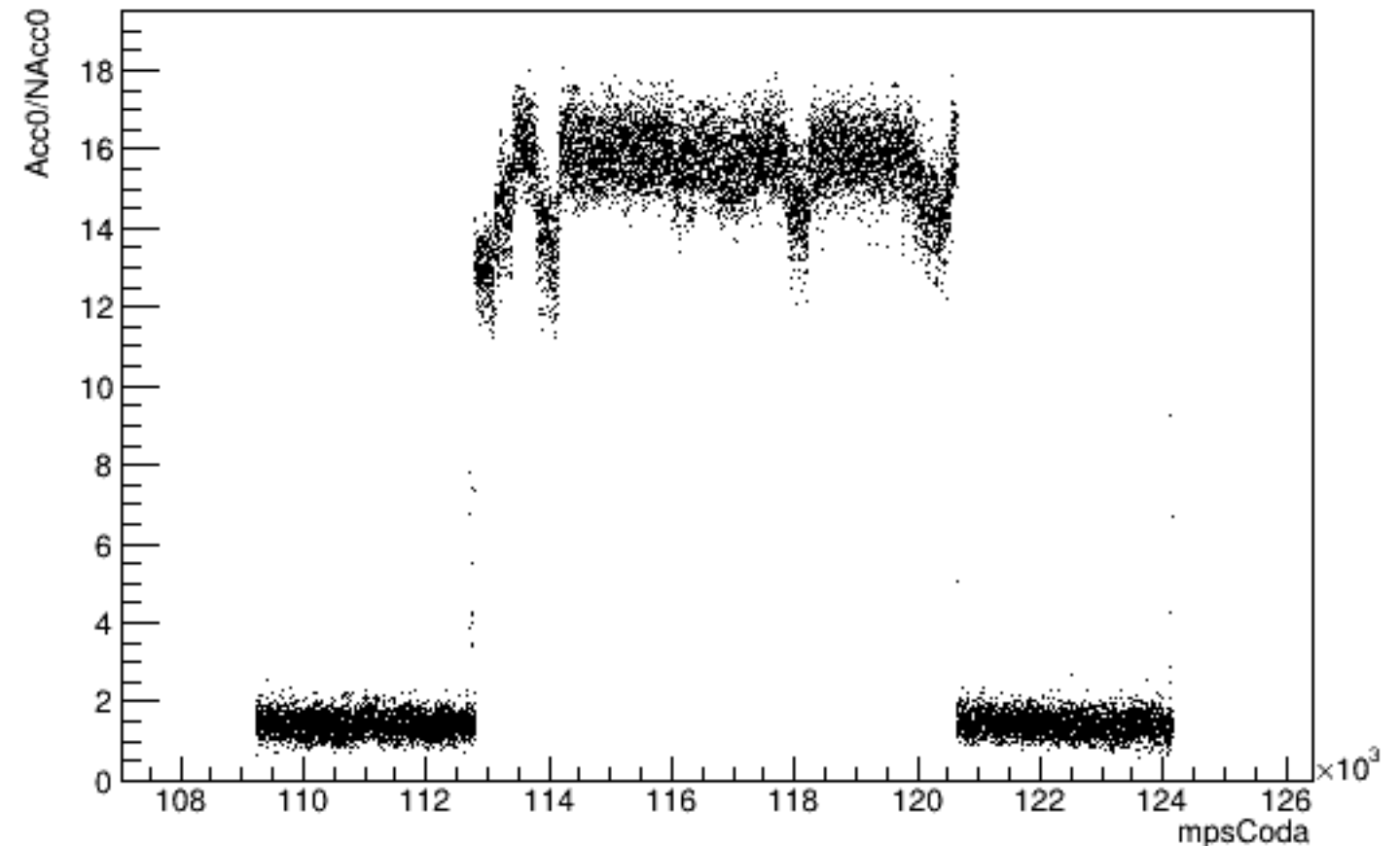
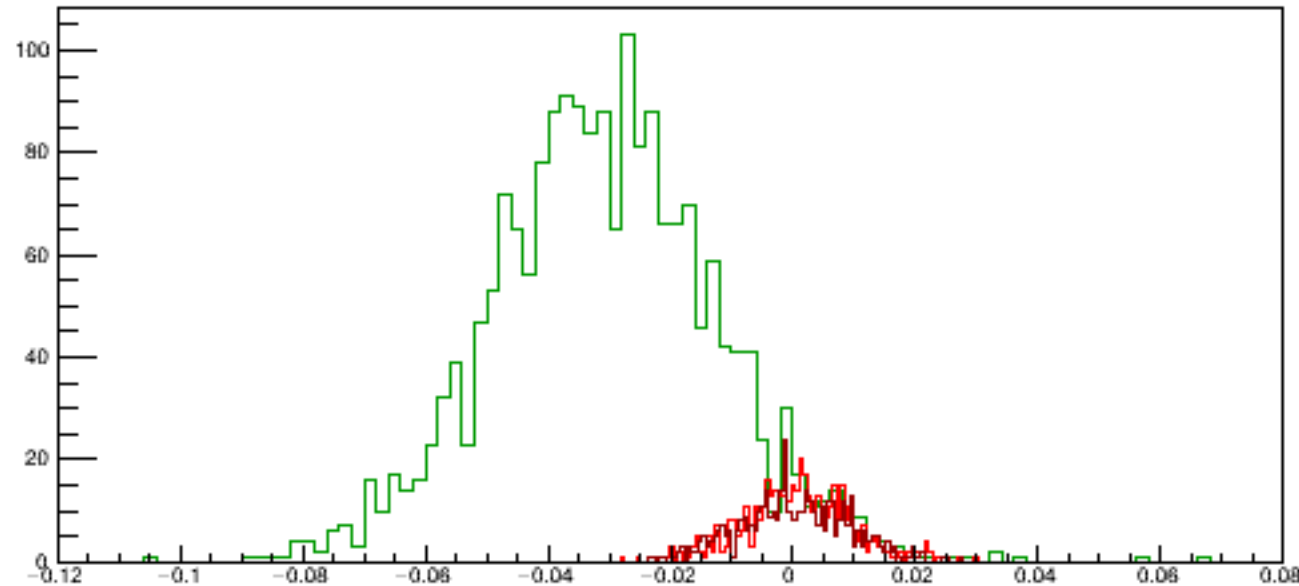
Std Dev: 0.0186 +/- 0.0003

Entries: 440

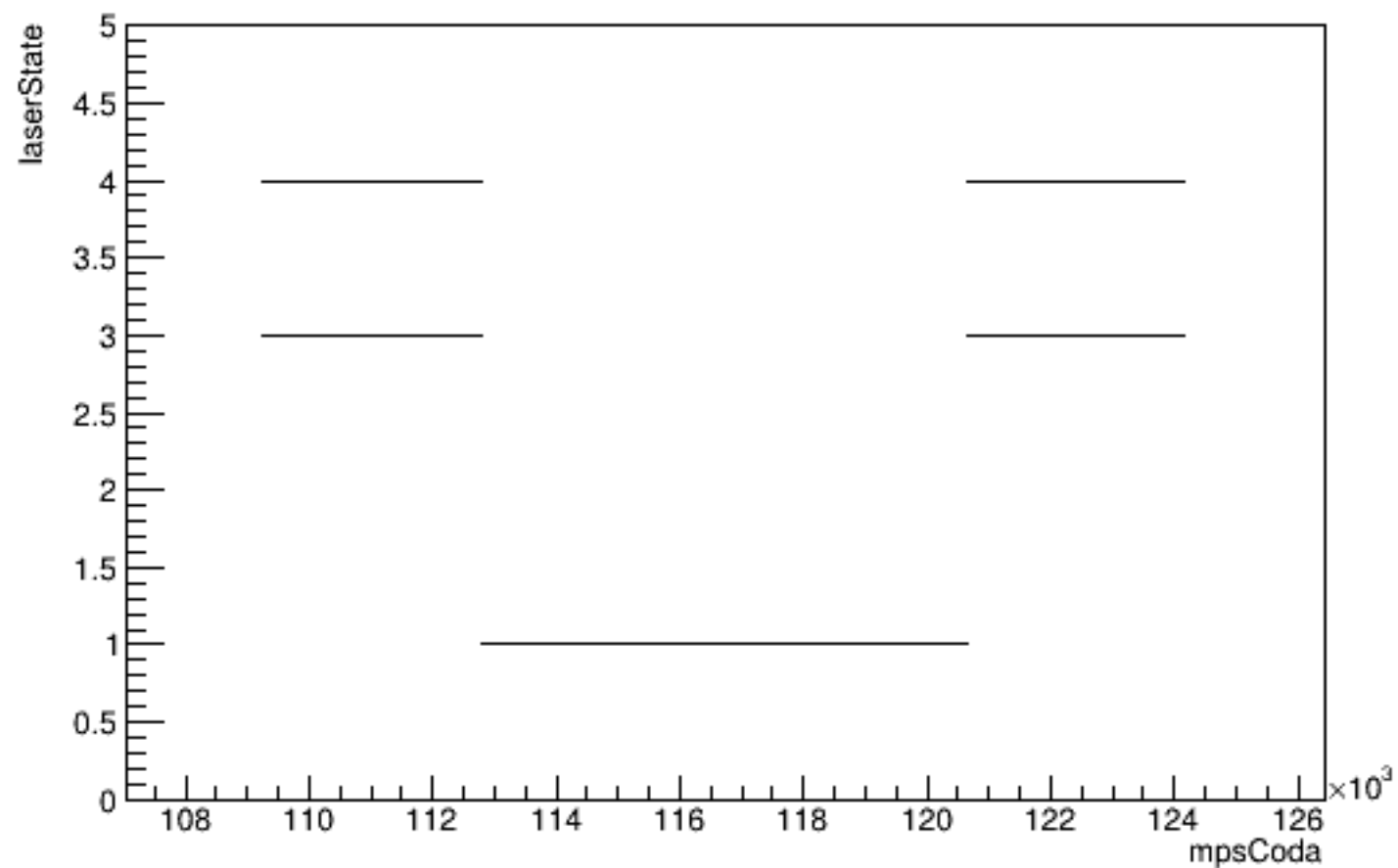
Mean: 0.0004 +/- 0.0004

Std Dev: 0.0091 +/- 0.0003

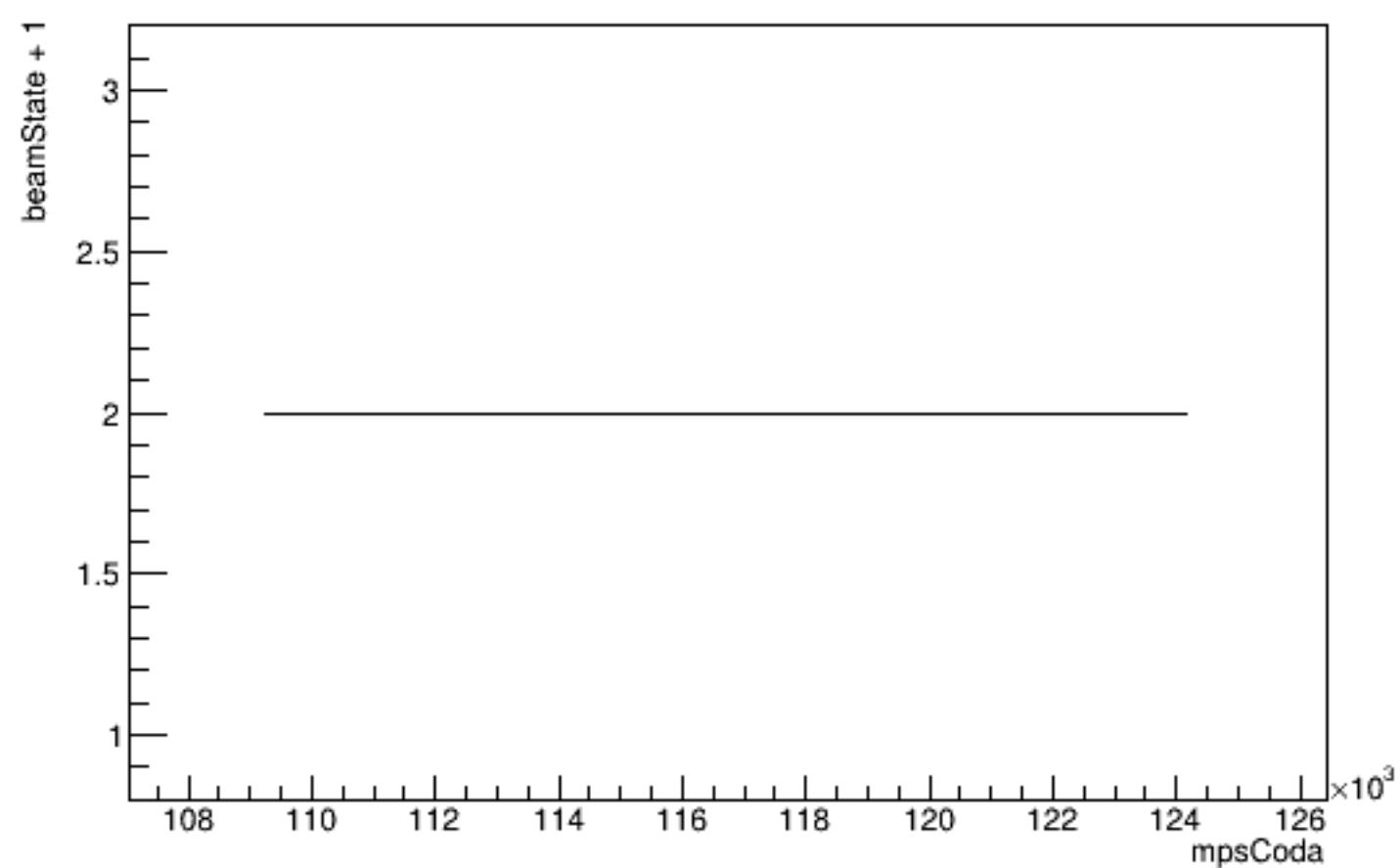
Run 5519 quartetwise, Asyms



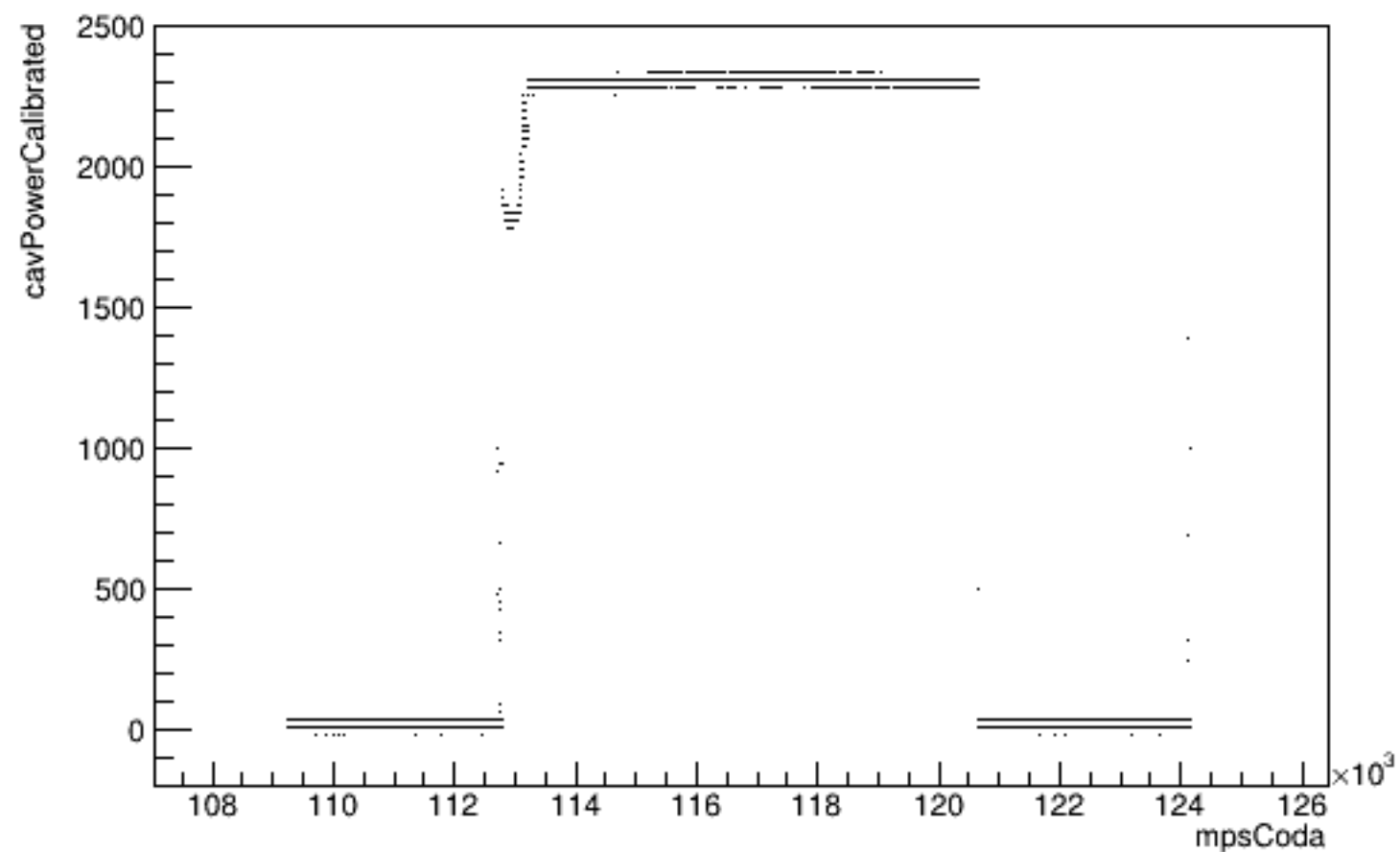
laserState:mpsCoda {mpsCoda>=109228 && mpsCoda<=124147}



beamState + 1:mpsCoda {mpsCoda>=109228 && mpsCoda<=124147}



cavPowerCalibrated:mpsCoda {mpsCoda>=109228 && mpsCoda<=124147}



bcm:mpsCoda {mpsCoda>=109228 && mpsCoda<=124147}

