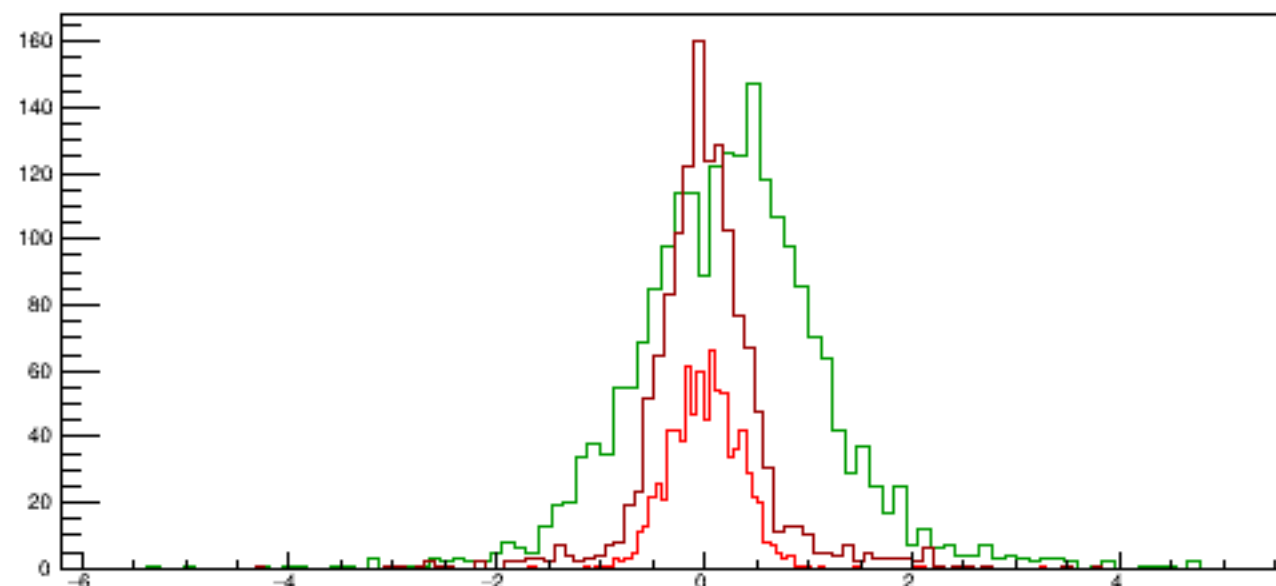


## Cycle 1, Diffs

| Entries: 838               | Entries: 2199              | Entries: 1363              |
|----------------------------|----------------------------|----------------------------|
| Mean: 0.0145 +/- 0.0129    | Mean: 0.2443 +/- 0.0205    | Mean: 0.0193 +/- 0.0162    |
| Std Dev: 0.3741 +/- 0.0091 | Std Dev: 0.9591 +/- 0.0145 | Std Dev: 0.5970 +/- 0.0114 |

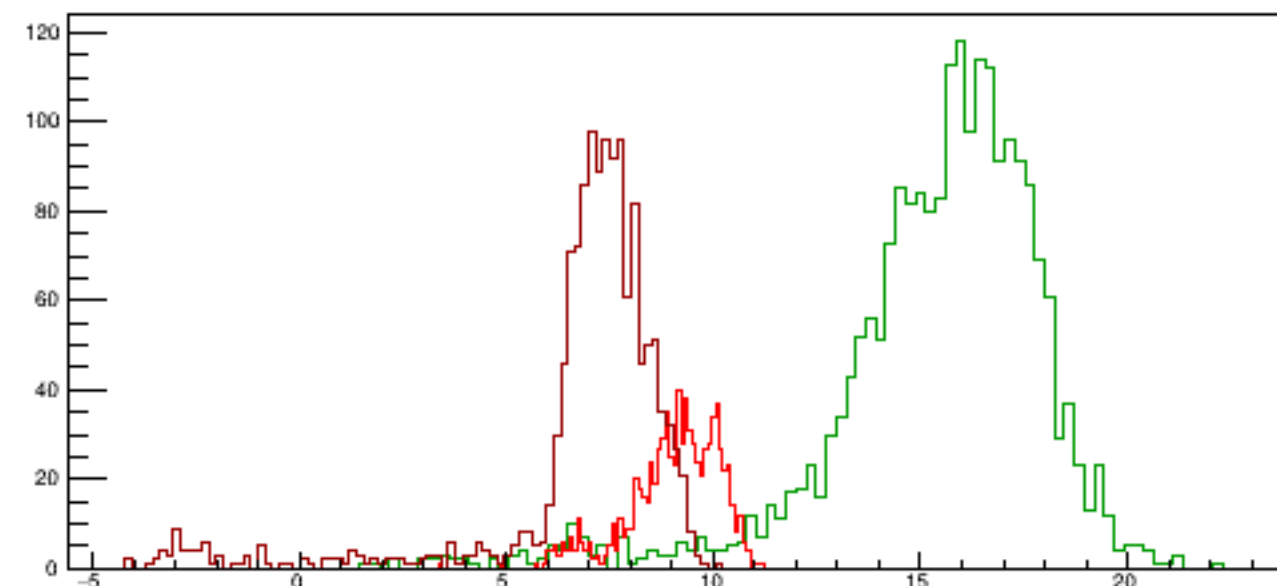
Run 5110 quartetwise, Diffs



## Cycle 1, Sums

| Entries: 838               | Entries: 2199              | Entries: 1363              |
|----------------------------|----------------------------|----------------------------|
| Mean: 9.0357 +/- 0.0381    | Mean: 15.3726 +/- 0.0572   | Mean: 6.8794 +/- 0.0634    |
| Std Dev: 1.1038 +/- 0.0270 | Std Dev: 2.6826 +/- 0.0405 | Std Dev: 2.3402 +/- 0.0448 |

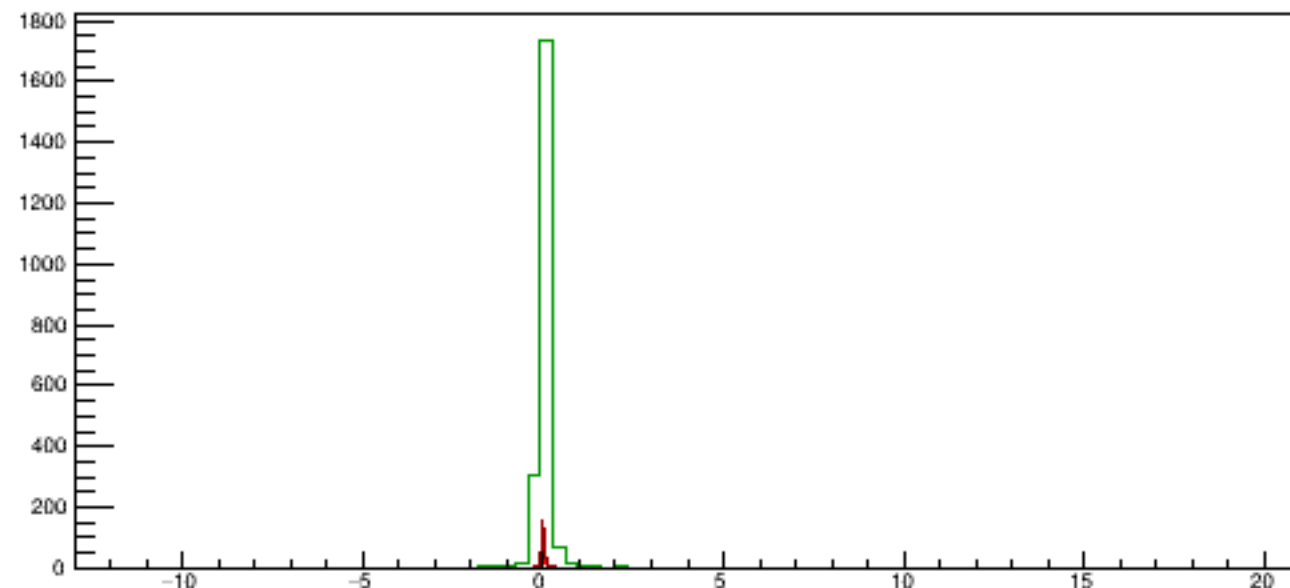
Run 5110 quartetwise, Sums



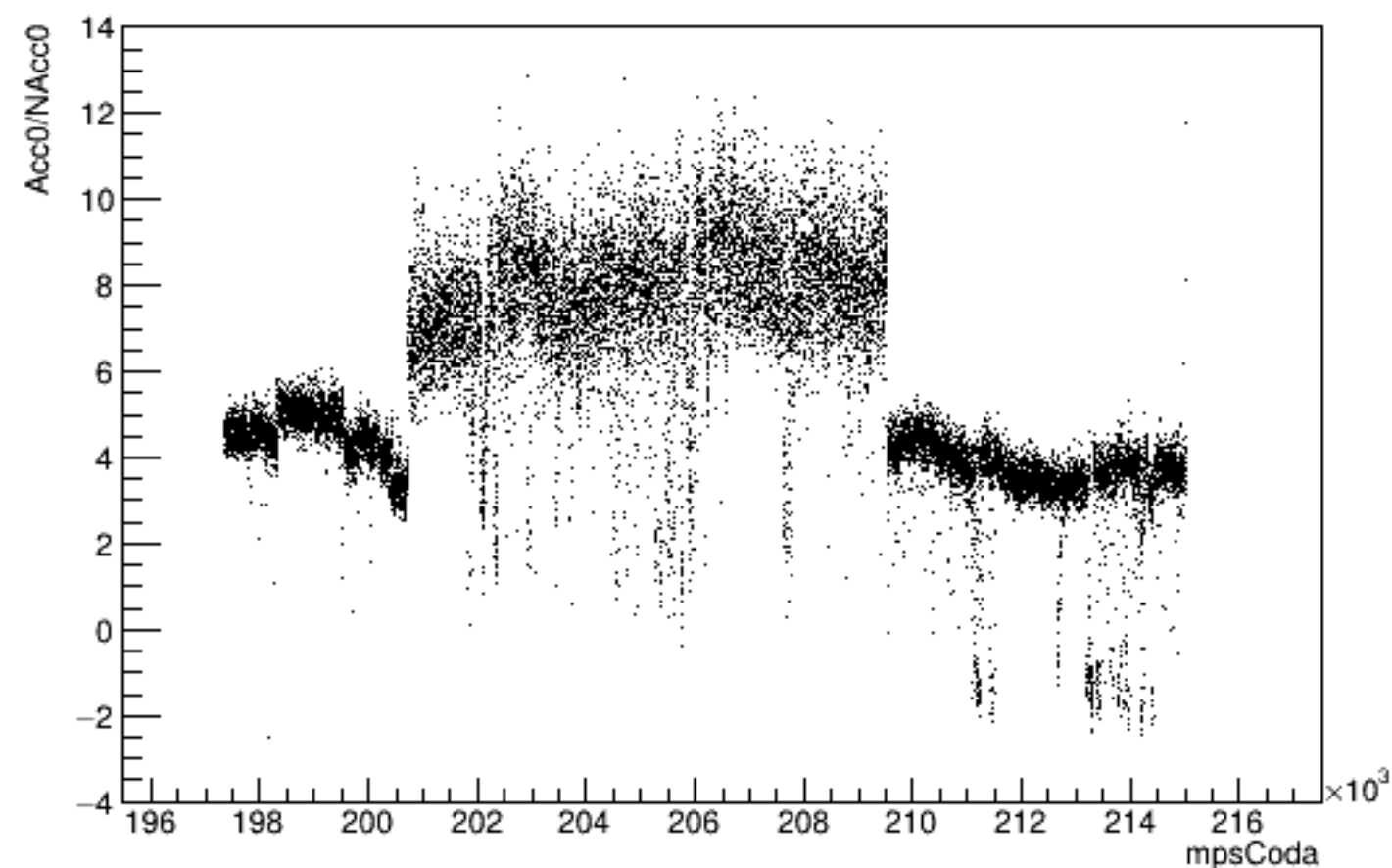
## Cycle 1, Asyms

| Entries: 838               | Entries: 2199              | Entries: 1363              |
|----------------------------|----------------------------|----------------------------|
| Mean: 0.0020 +/- 0.0017    | Mean: 0.0449 +/- 0.0150    | Mean: 0.0026 +/- 0.0022    |
| Std Dev: 0.0504 +/- 0.0012 | Std Dev: 0.7032 +/- 0.0106 | Std Dev: 0.0805 +/- 0.0015 |

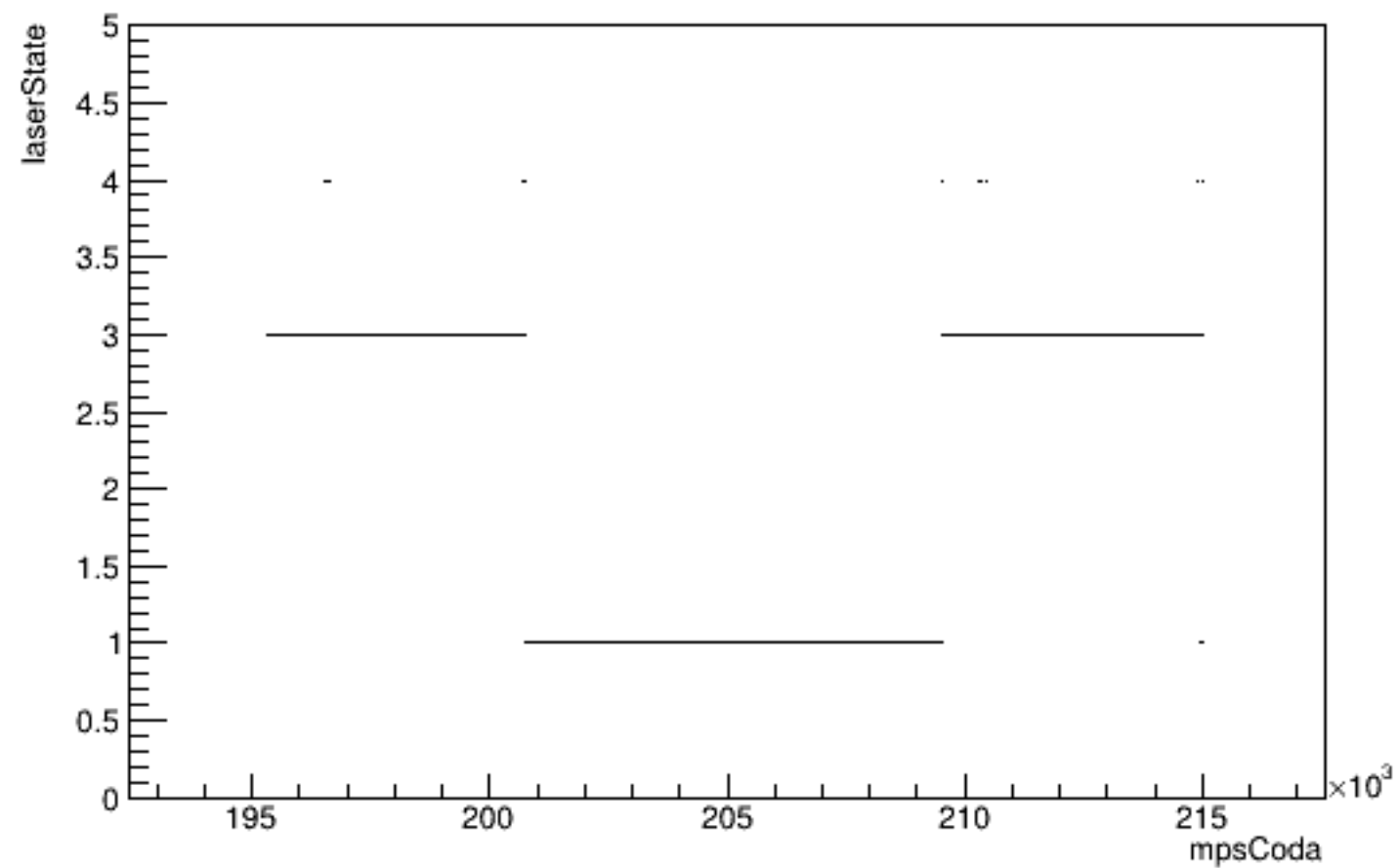
Run 5110 quartetwise, Asyms



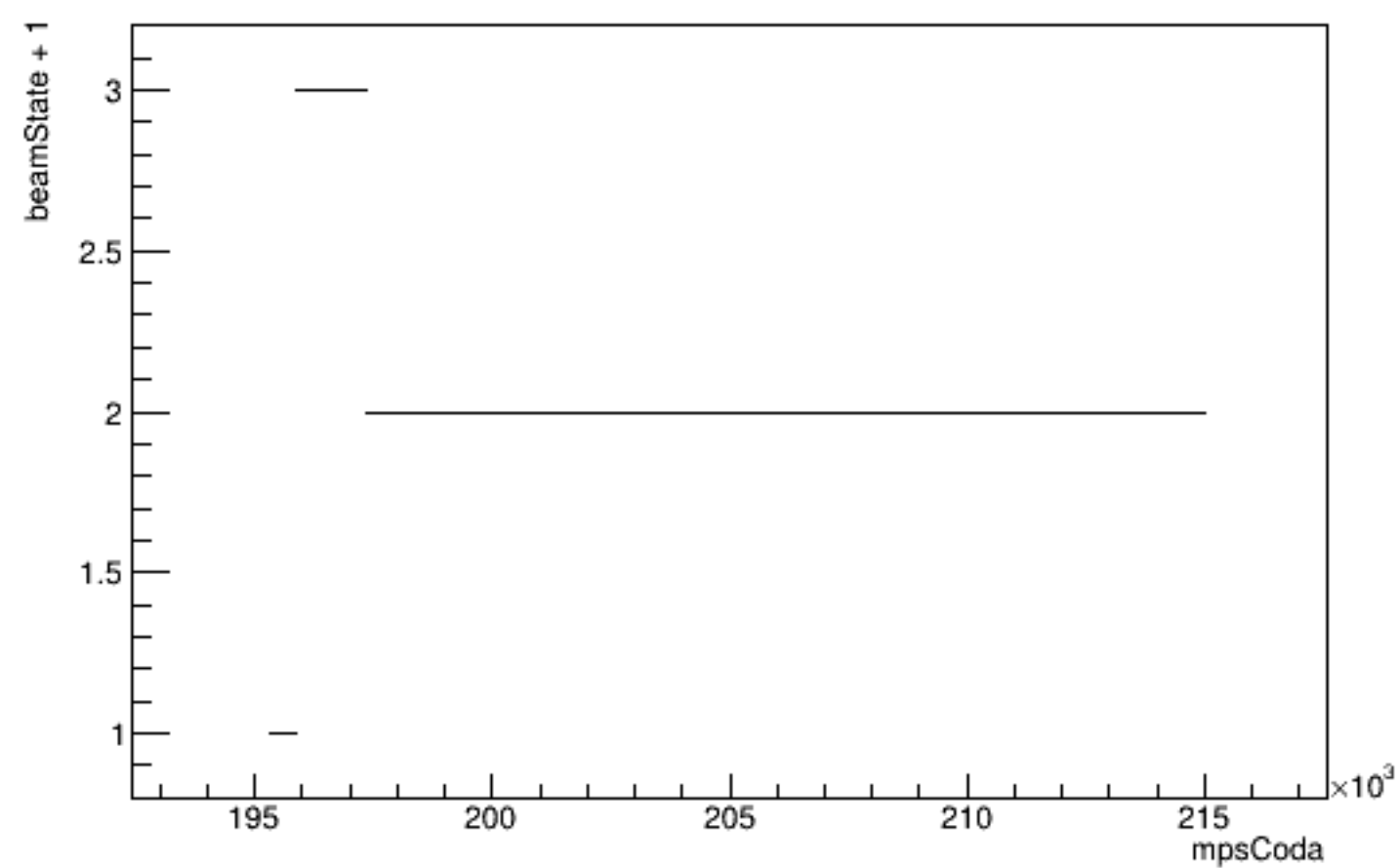
Acc0/NAcc0:mpsCoda (mpsCoda>=195318 && mpsCoda<=215017 && beamState==1)



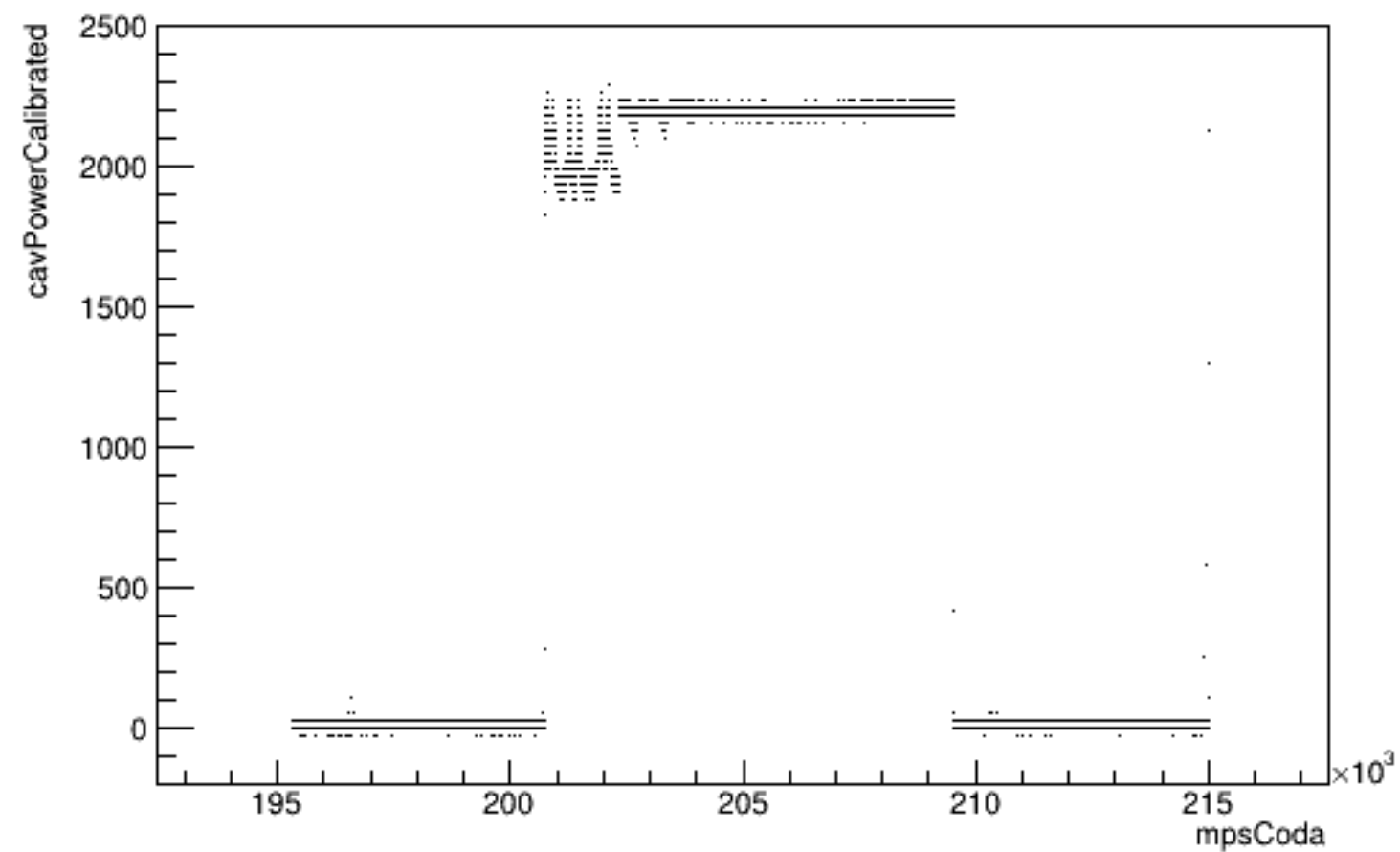
laserState:mpsCoda {mpsCoda&gt;=195318 &amp;&amp; mpsCoda&lt;=215017}



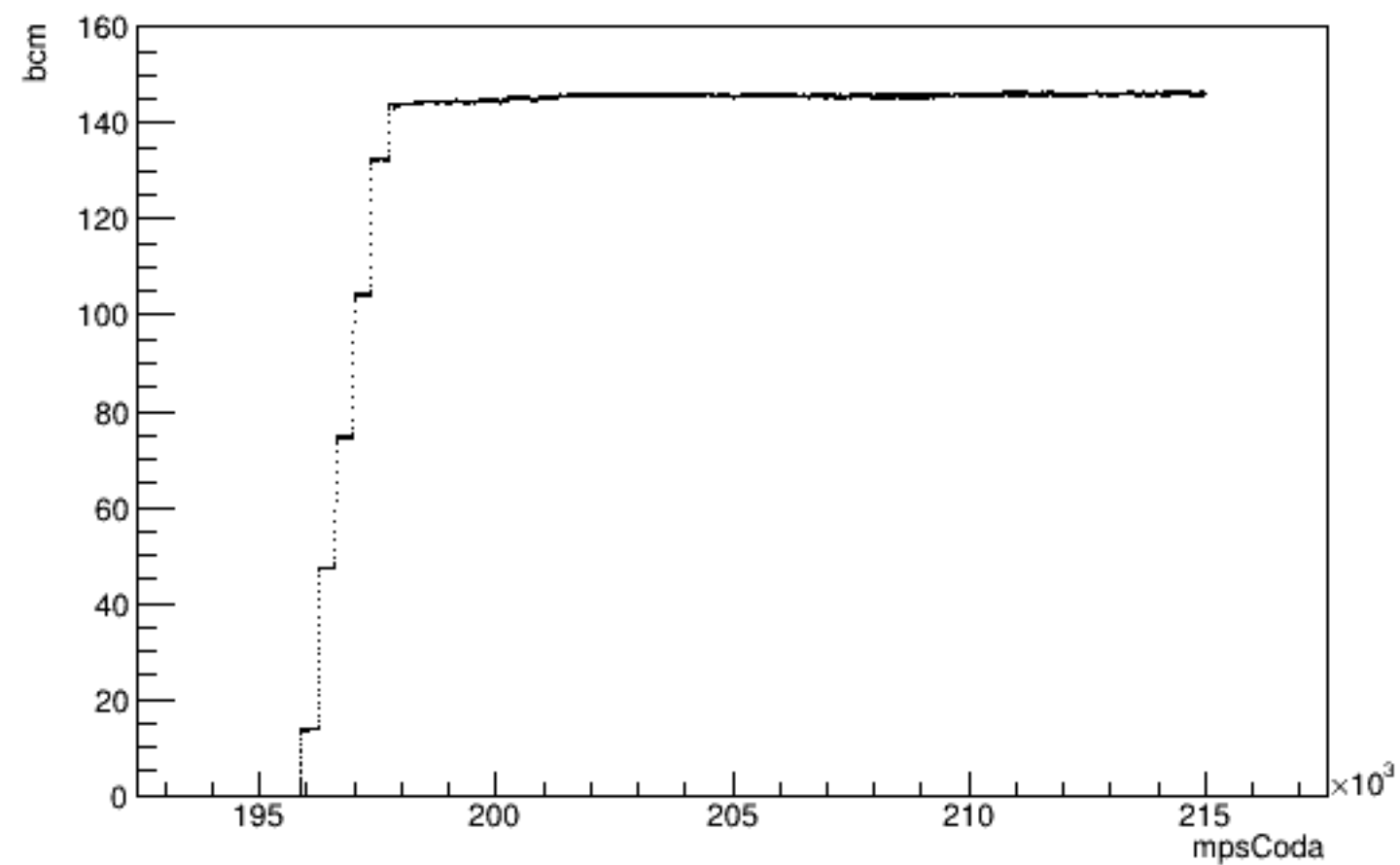
beamState + 1:mpsCoda {mpsCoda&gt;=195318 &amp;&amp; mpsCoda&lt;=215017}



cavPowerCalibrated:mpsCoda {mpsCoda&gt;=195318 &amp;&amp; mpsCoda&lt;=215017}



bcm:mpsCoda {mpsCoda&gt;=195318 &amp;&amp; mpsCoda&lt;=215017}



## Cycle 2, Diffs

Entries: 1364

Mean: 0.0045 +/- 0.0114

Std Dev: 0.4213 +/- 0.0081

Entries: 735

Mean: 0.7906 +/- 0.0268

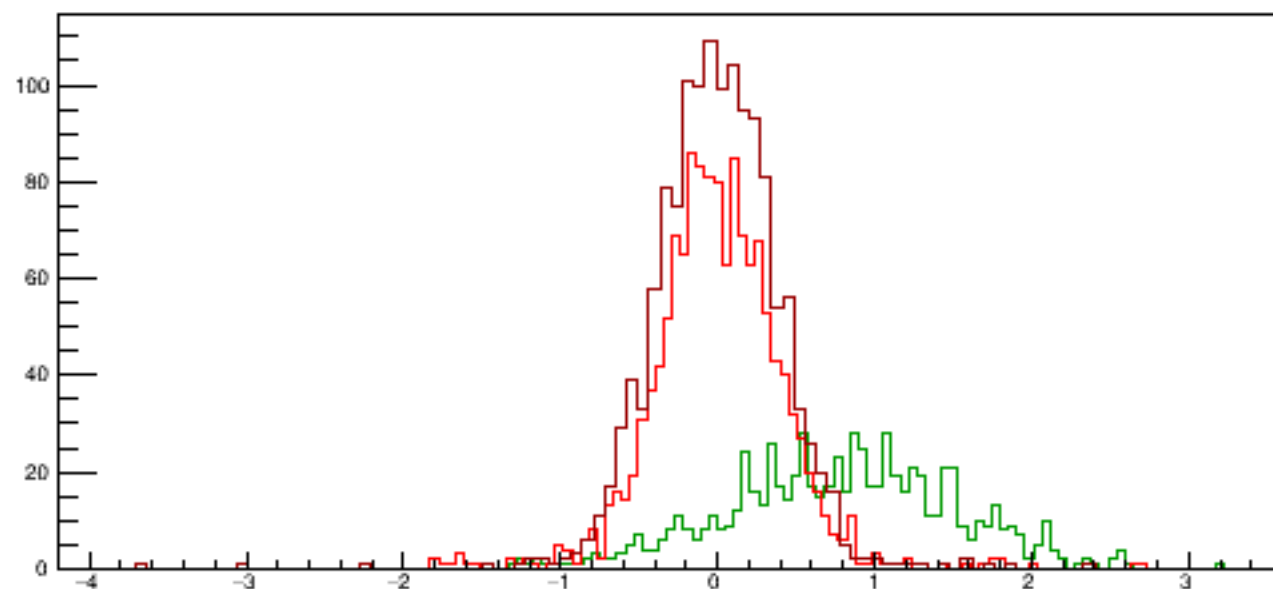
Std Dev: 0.7273 +/- 0.0190

Entries: 1370

Mean: -0.0018 +/- 0.0109

Std Dev: 0.4025 +/- 0.0077

Run 5110 quartetwise, Diffs



## Cycle 2, Sums

Entries: 1364

Mean: 6.8839 +/- 0.0387

Std Dev: 1.4296 +/- 0.0274

Entries: 735

Mean: 31.4846 +/- 0.1130

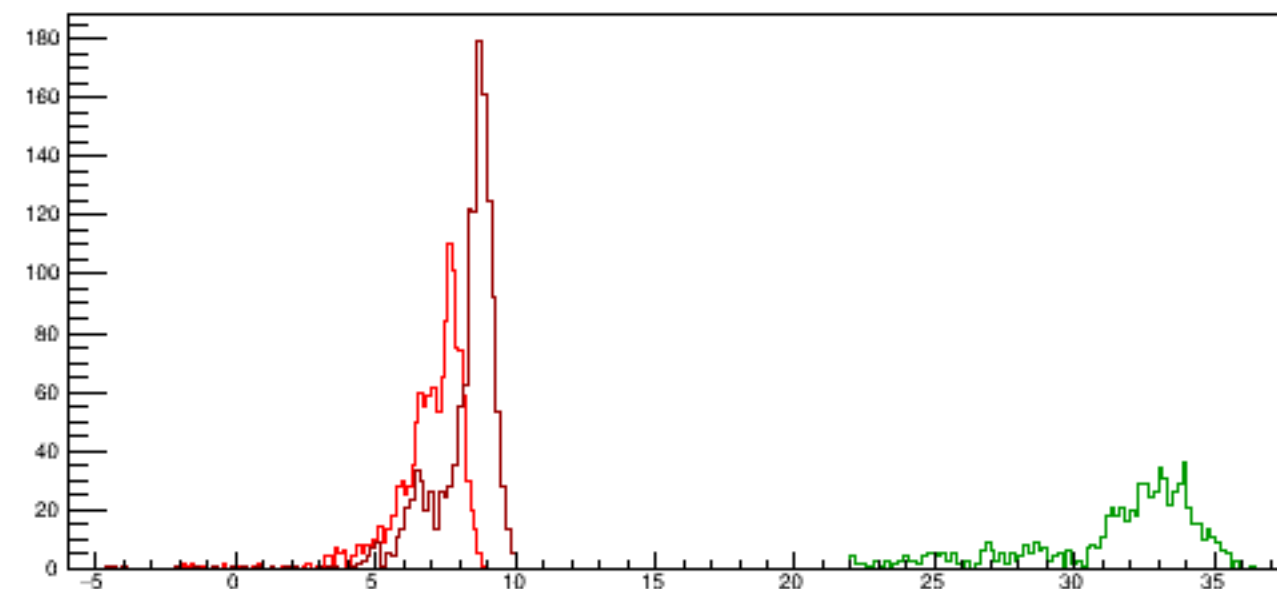
Std Dev: 3.0626 +/- 0.0799

Entries: 1370

Mean: 8.1649 +/- 0.0372

Std Dev: 1.3760 +/- 0.0263

Run 5110 quartetwise, Sums



## Cycle 2, Asyms

Entries: 1364

Mean: 0.0002 +/- 0.0005

Std Dev: 0.0176 +/- 0.0003

Entries: 735

Mean: 0.0332 +/- 0.0012

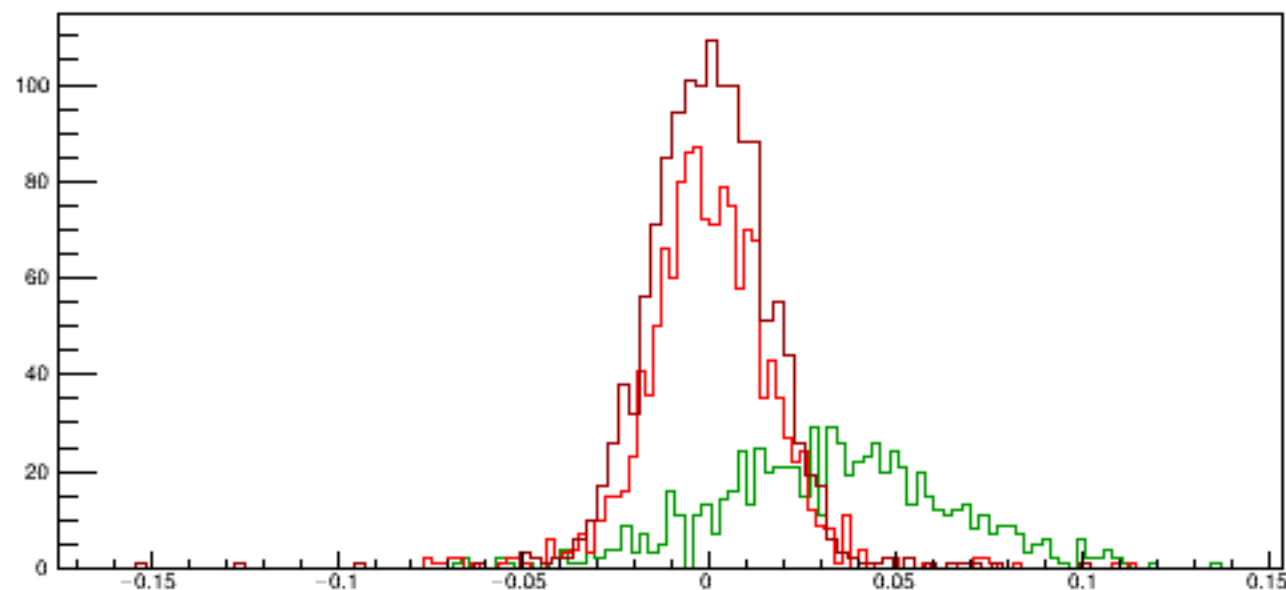
Std Dev: 0.0315 +/- 0.0008

Entries: 1370

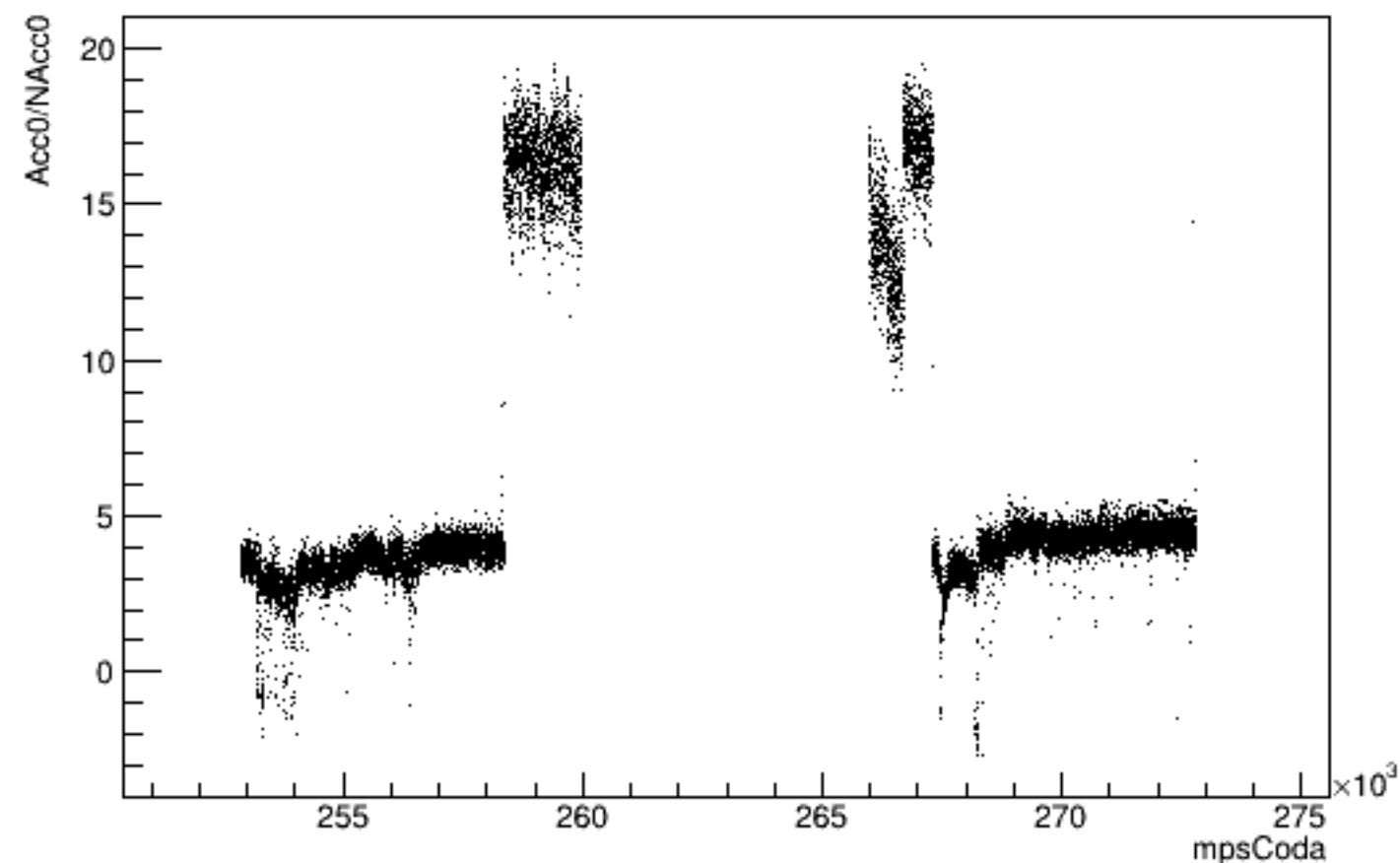
Mean: -0.0001 +/- 0.0005

Std Dev: 0.0168 +/- 0.0003

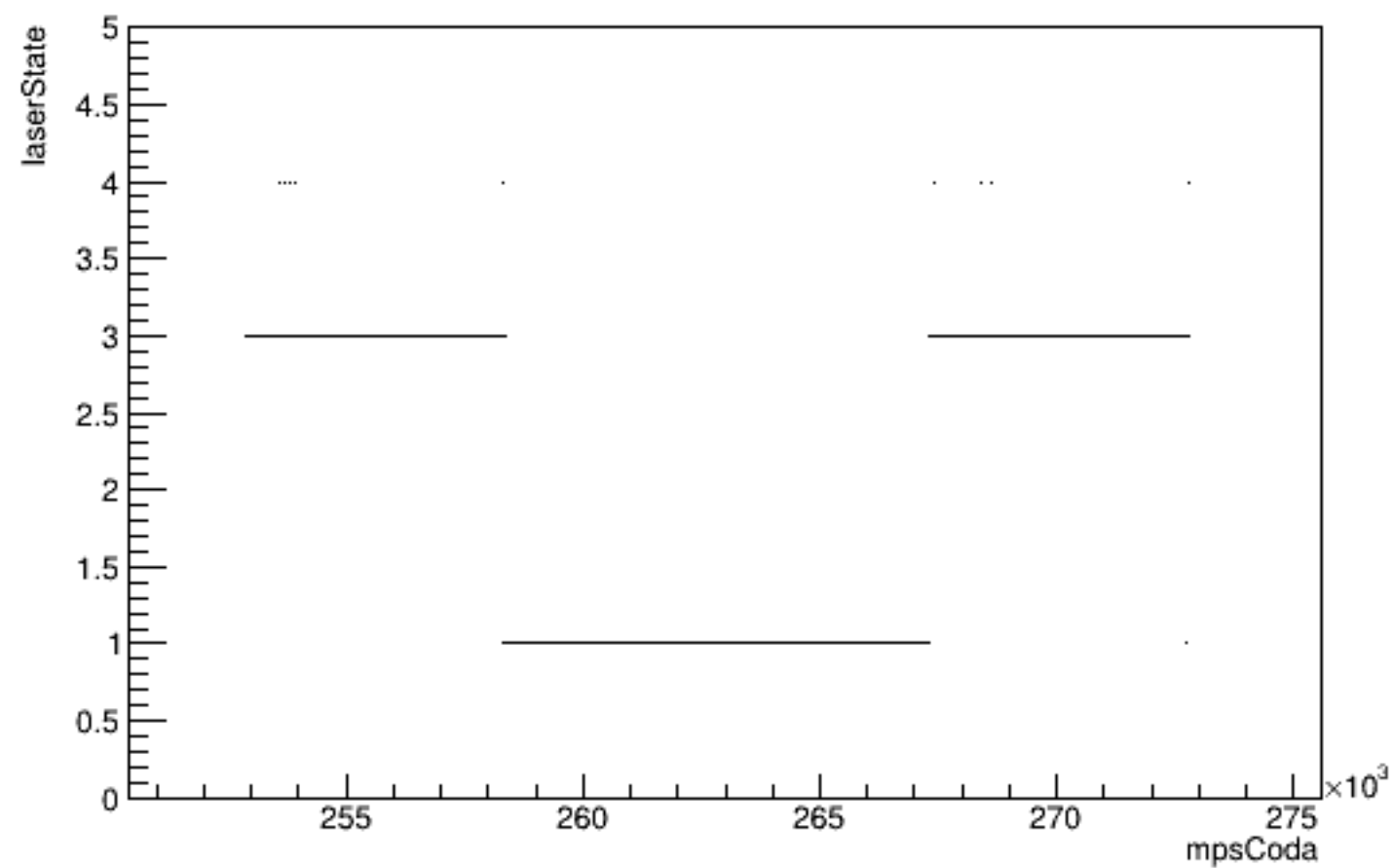
Run 5110 quartetwise, Asyms



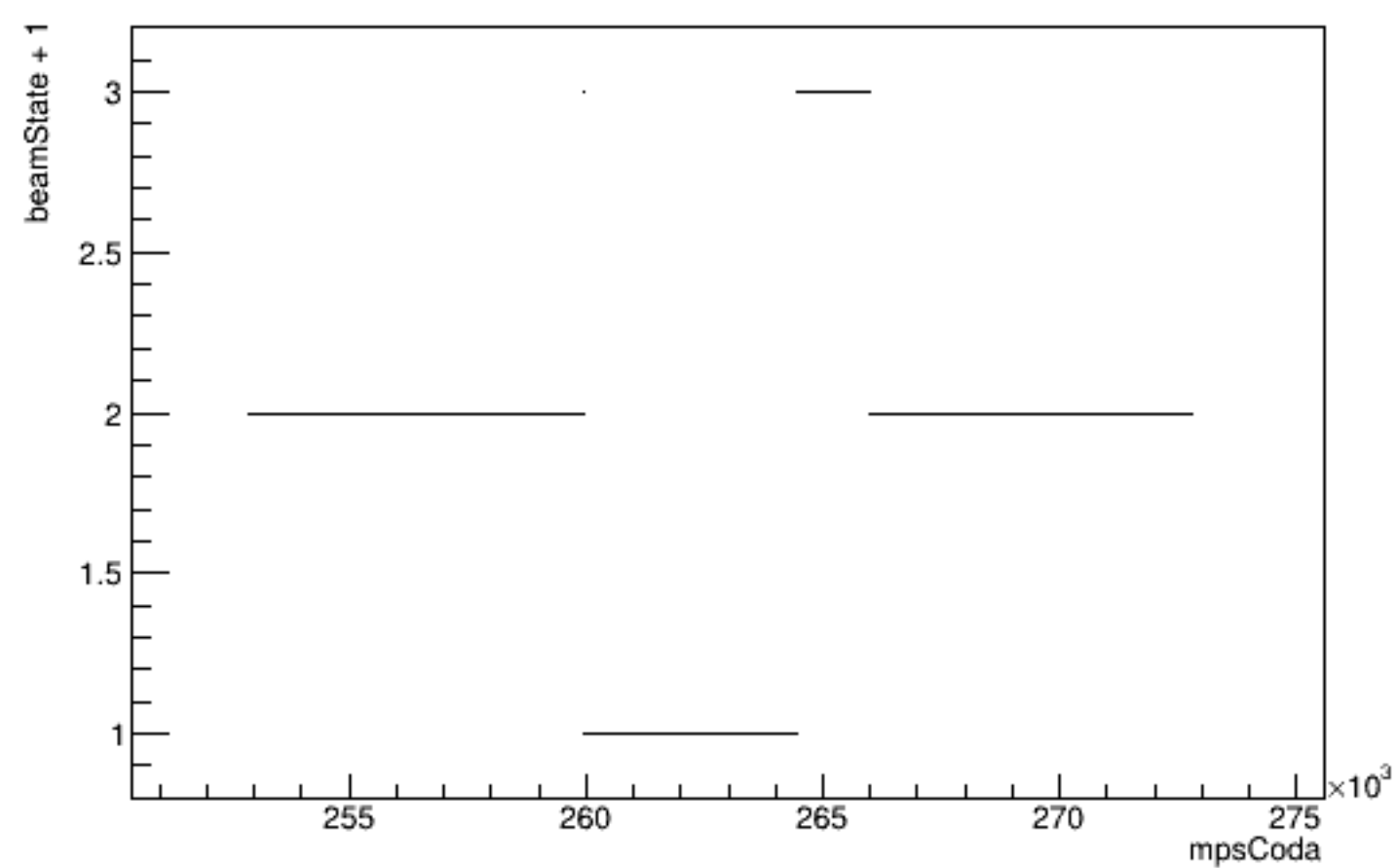
Acc0/NAcc0:mpsCoda (mpsCoda>=252866 && mpsCoda<=272805 && beamState==1)



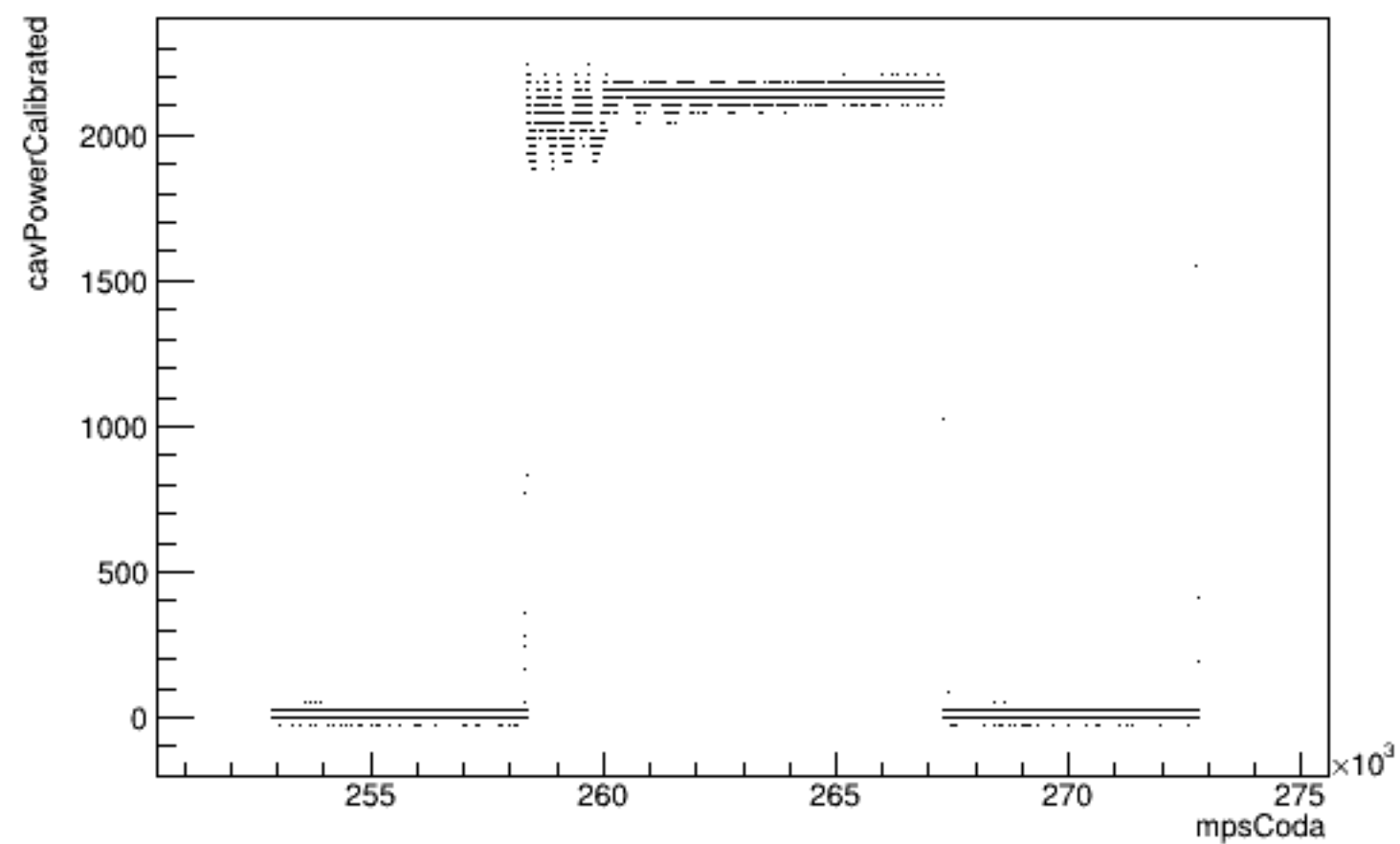
laserState:mpsCoda {mpsCoda&gt;=252866 &amp;&amp; mpsCoda&lt;=272805}



beamState + 1:mpsCoda {mpsCoda&gt;=252866 &amp;&amp; mpsCoda&lt;=272805}



cavPowerCalibrated:mpsCoda {mpsCoda&gt;=252866 &amp;&amp; mpsCoda&lt;=272805}



bcm:mpsCoda {mpsCoda&gt;=252866 &amp;&amp; mpsCoda&lt;=272805}

