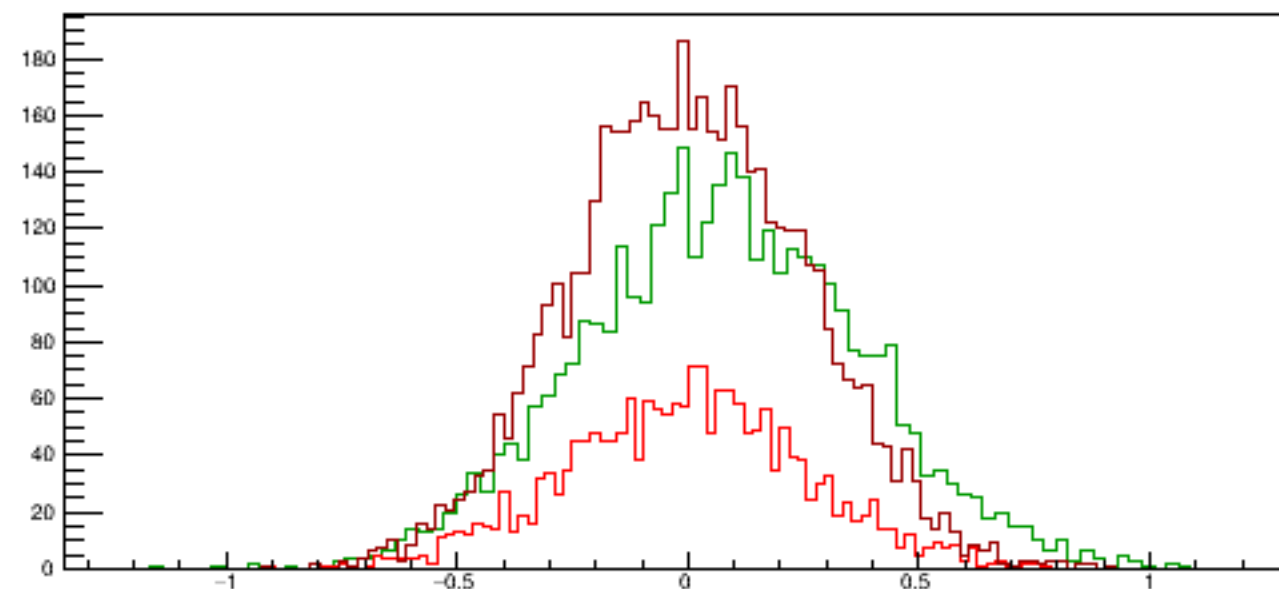


Cycle 1, Diffs

Entries: 1971	Entries: 3711	Entries: 5194
Mean: -0.0054 +/- 0.0059	Mean: 0.0725 +/- 0.0050	Mean: 0.0025 +/- 0.0035
Std Dev: 0.2599 +/- 0.0041	Std Dev: 0.3017 +/- 0.0035	Std Dev: 0.2547 +/- 0.0025

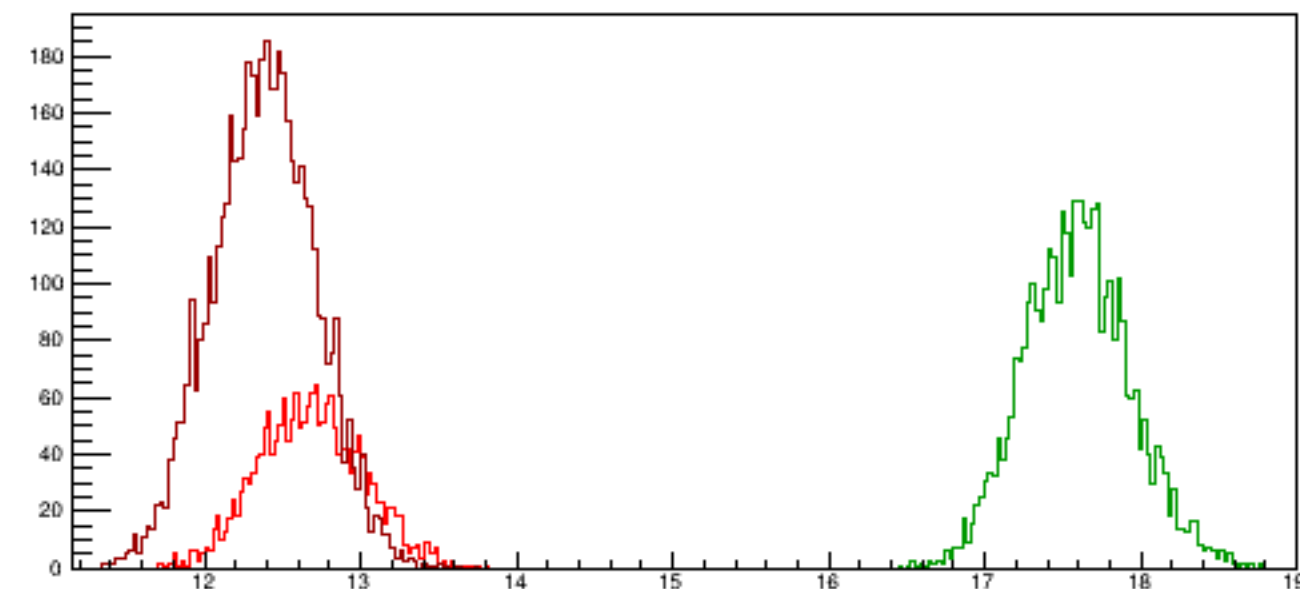
Run 4343 quartetwise, Diffs



Cycle 1, Sums

Entries: 1971	Entries: 3711	Entries: 5194
Mean: 12.6809 +/- 0.0076	Mean: 17.5907 +/- 0.0056	Mean: 12.3830 +/- 0.0046
Std Dev: 0.3389 +/- 0.0054	Std Dev: 0.3426 +/- 0.0040	Std Dev: 0.3312 +/- 0.0032

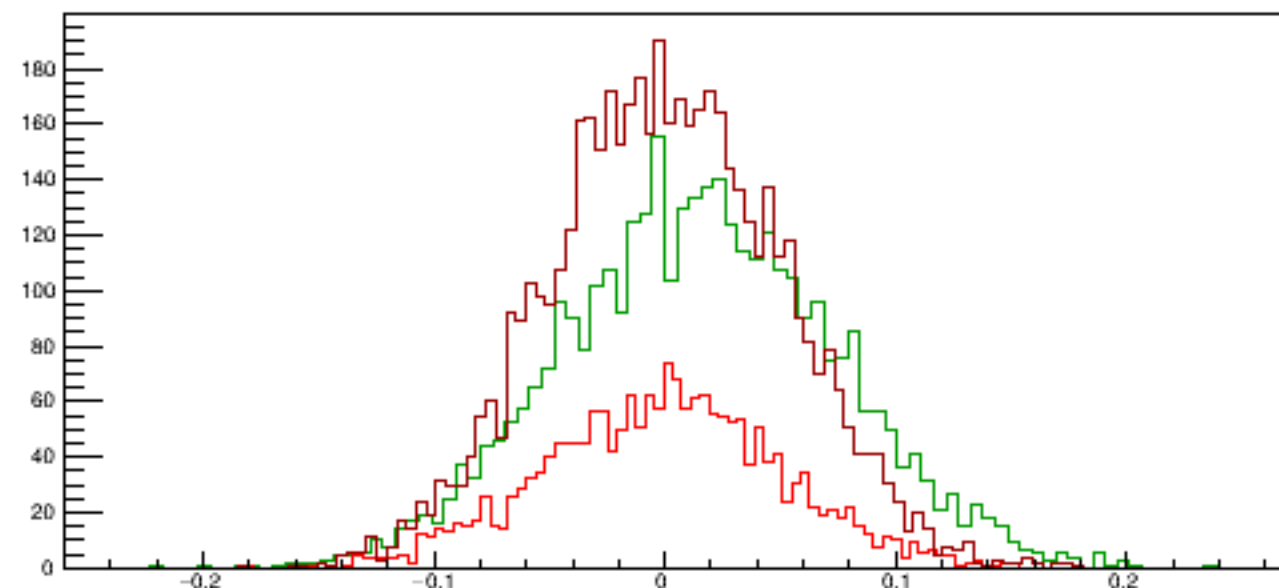
Run 4343 quartetwise, Sums



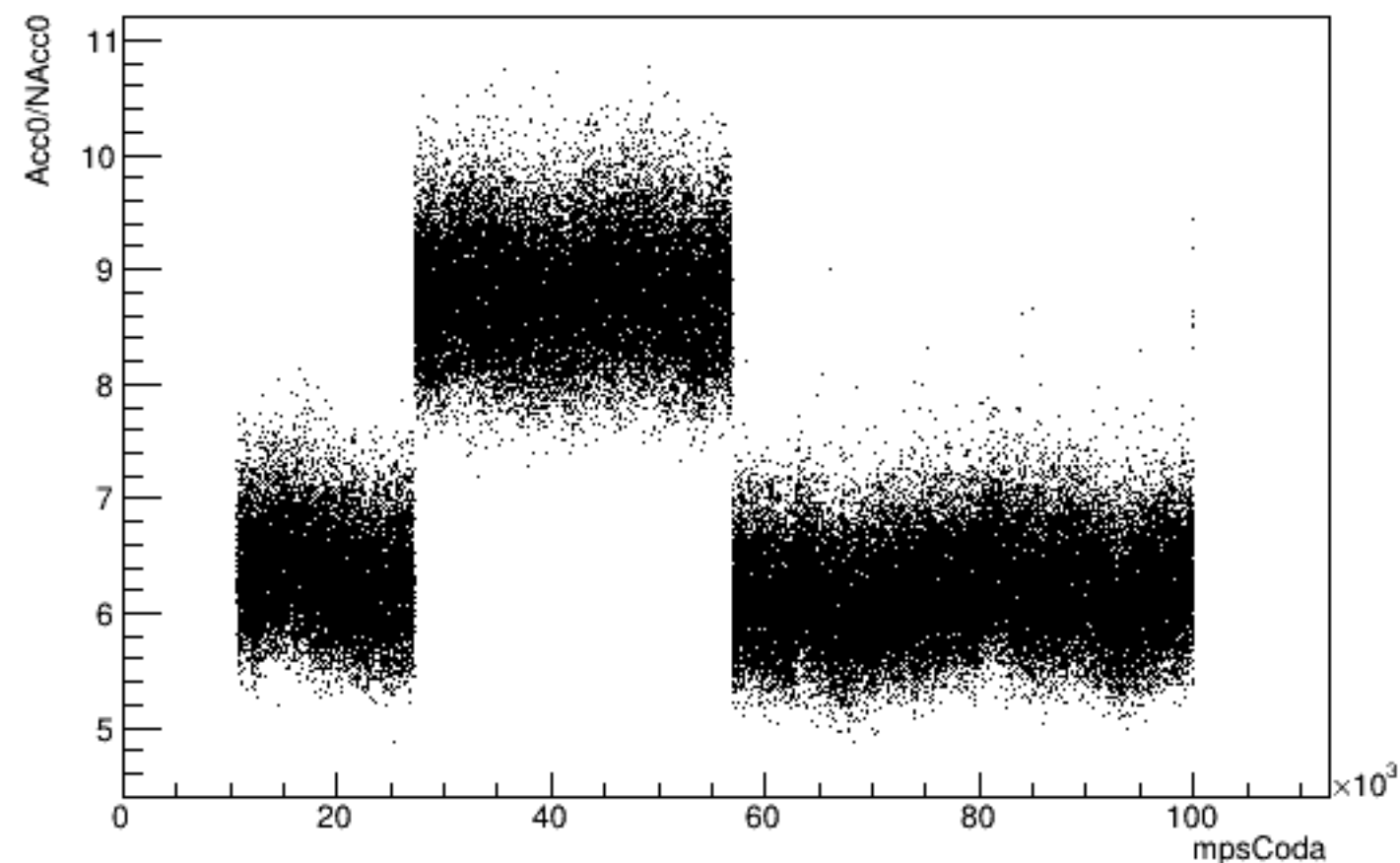
Cycle 1, Asyms

Entries: 1971	Entries: 3711	Entries: 5194
Mean: -0.0011 +/- 0.0012	Mean: 0.0144 +/- 0.0010	Mean: 0.0005 +/- 0.0007
Std Dev: 0.0514 +/- 0.0008	Std Dev: 0.0599 +/- 0.0007	Std Dev: 0.0503 +/- 0.0005

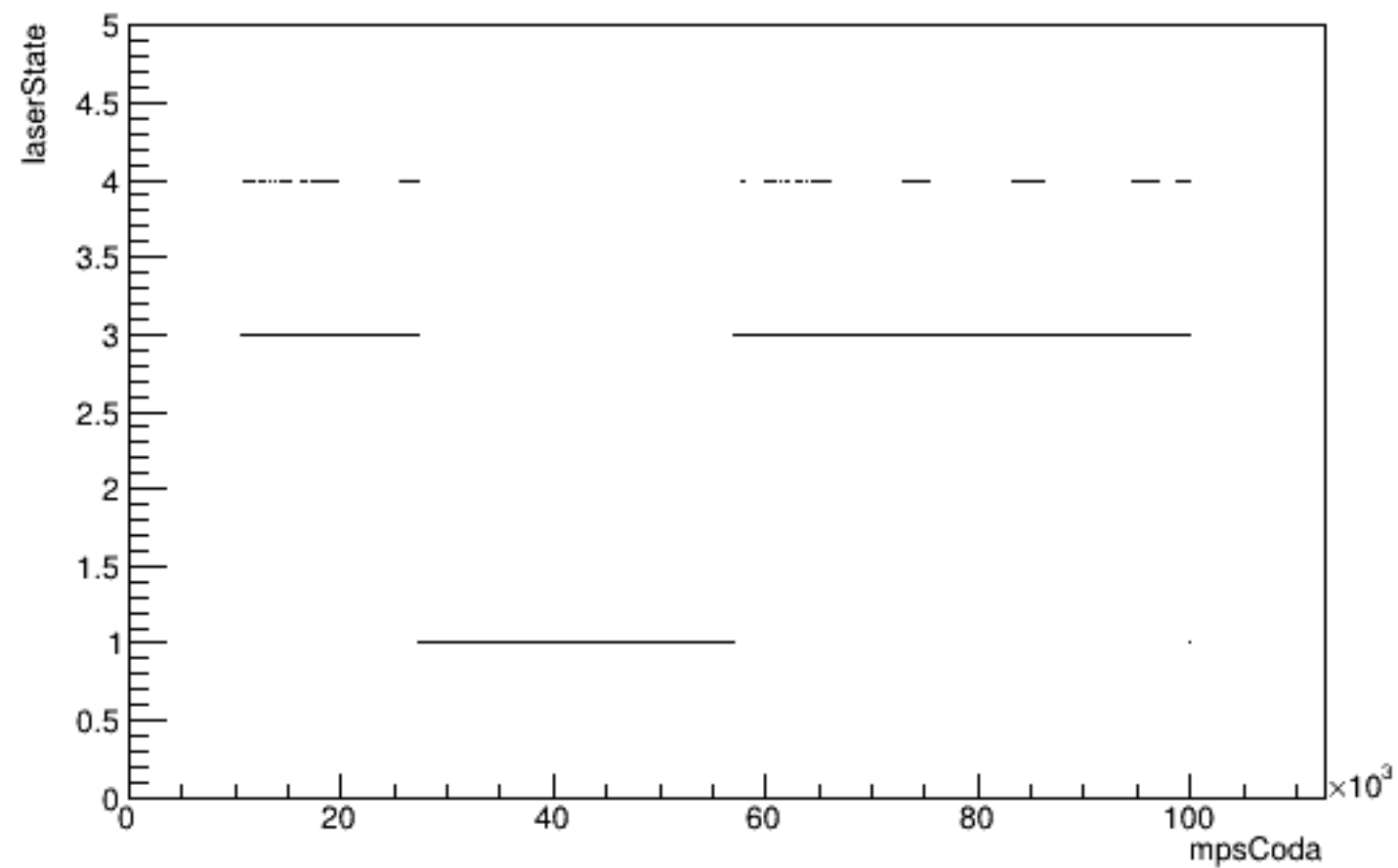
Run 4343 quartetwise, Asyms



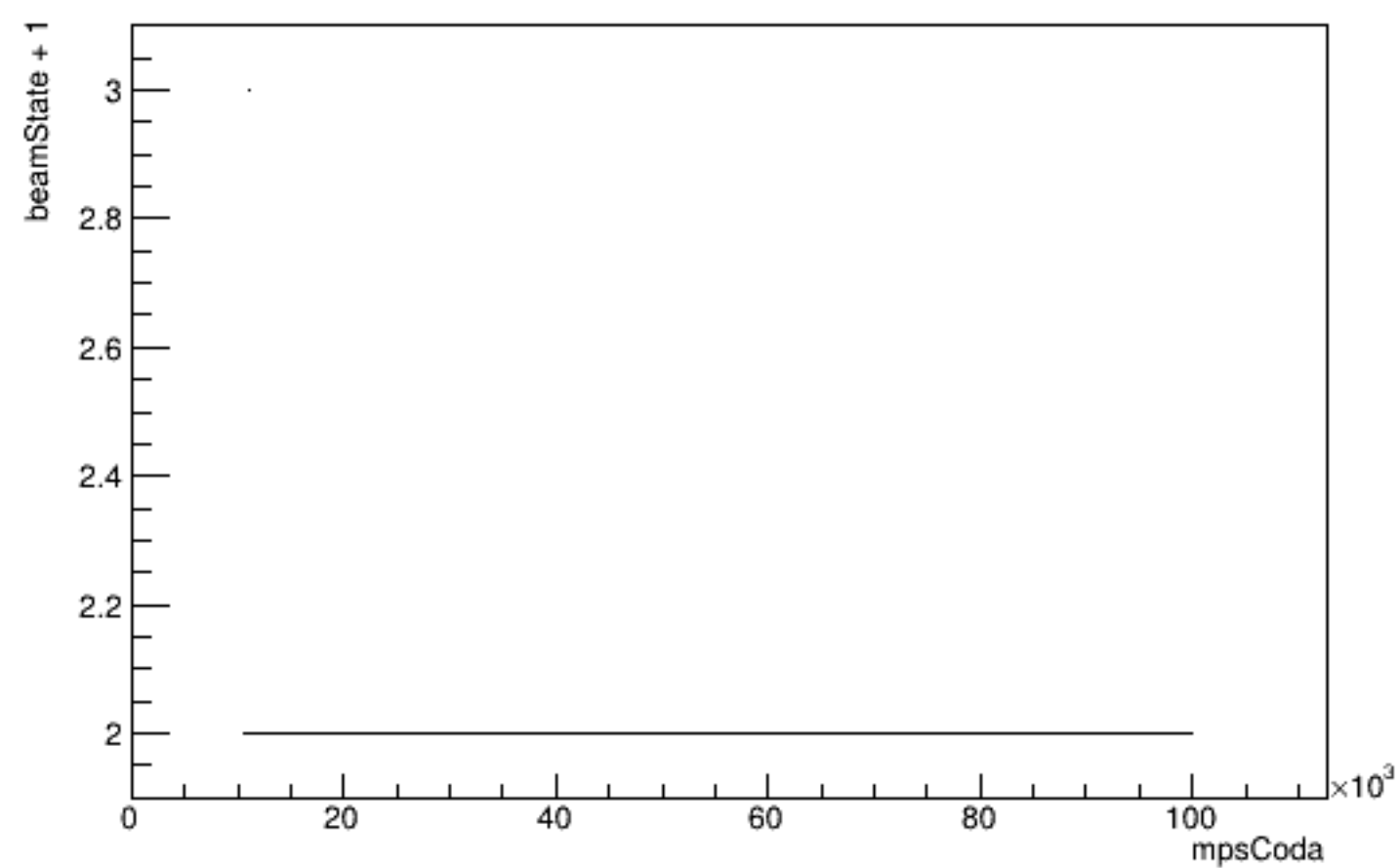
Acc0/NAcc0:mpsCoda {mpsCoda>=10679 && mpsCoda<=99990 && beamState==1}



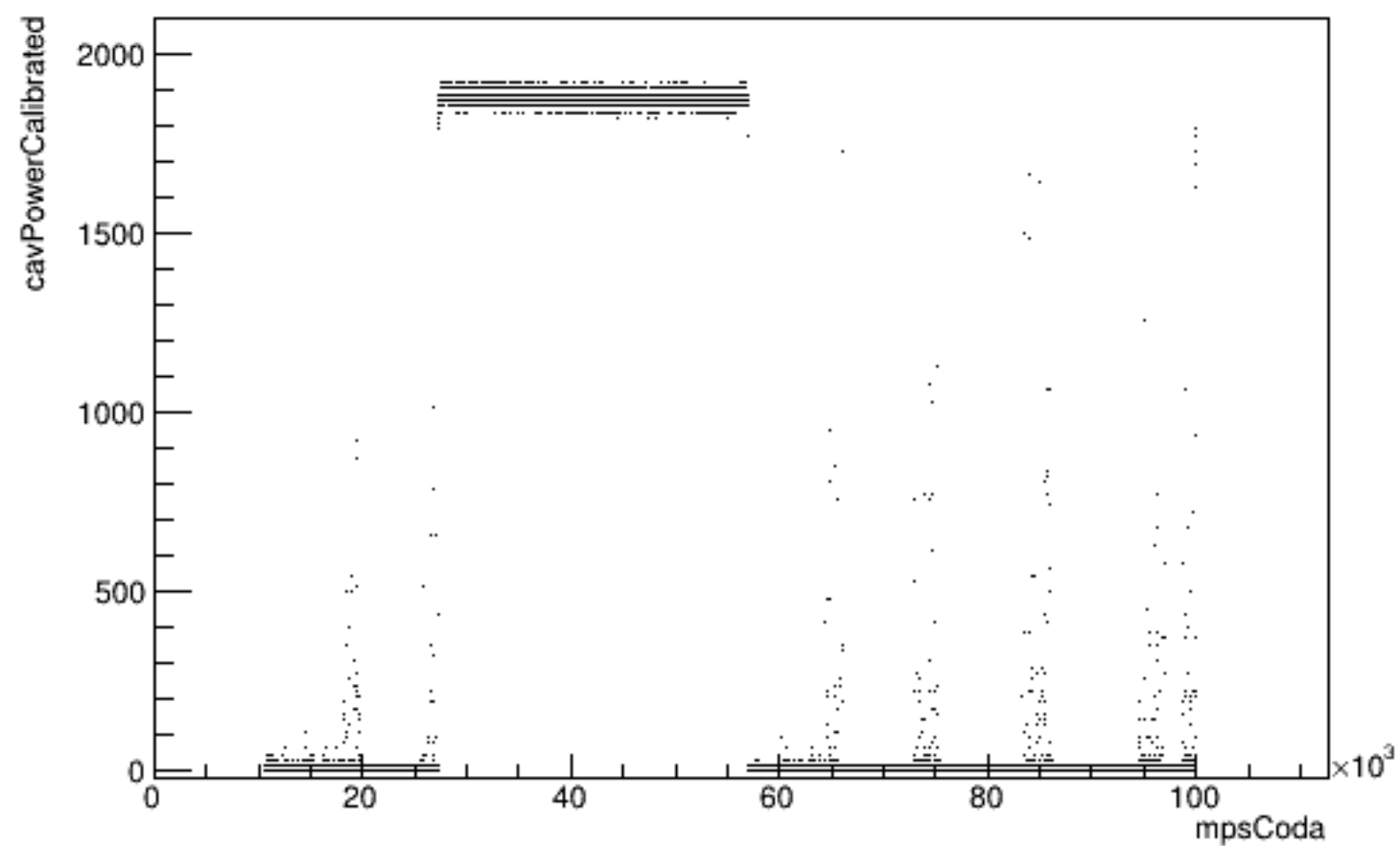
laserState:mpsCoda {mpsCoda>=10679 && mpsCoda<=99990}



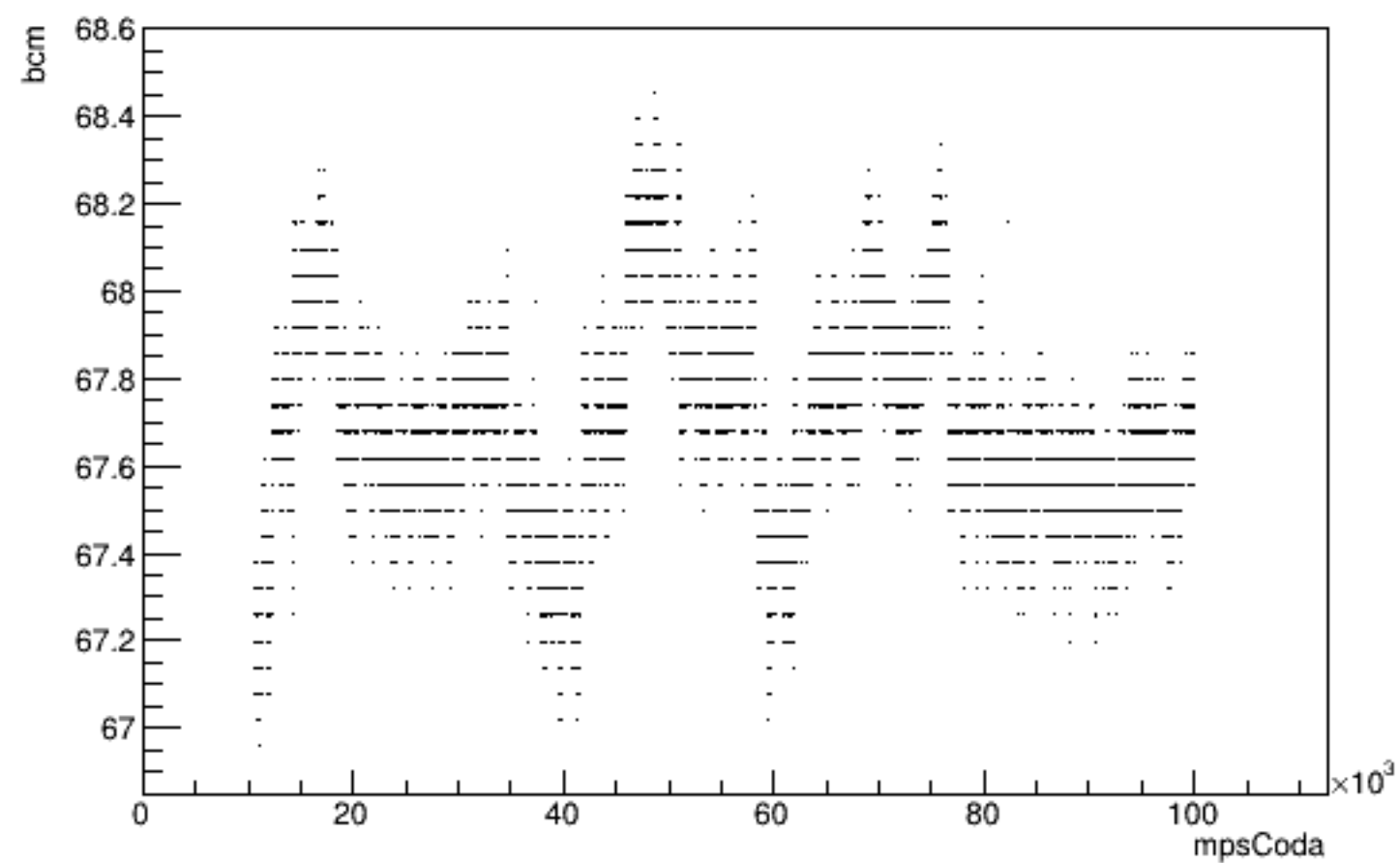
beamState + 1:mpsCoda {mpsCoda>=10679 && mpsCoda<=99990}



cavPowerCalibrated:mpsCoda {mpsCoda>=10679 && mpsCoda<=99990}



bcm:mpsCoda {mpsCoda>=10679 && mpsCoda<=99990}



Cycle 2, Diffs

Entries: 5194

Mean: 0.0025 +/- 0.0035

Std Dev: 0.2547 +/- 0.0025

Entries: 3782

Mean: 0.0577 +/- 0.0050

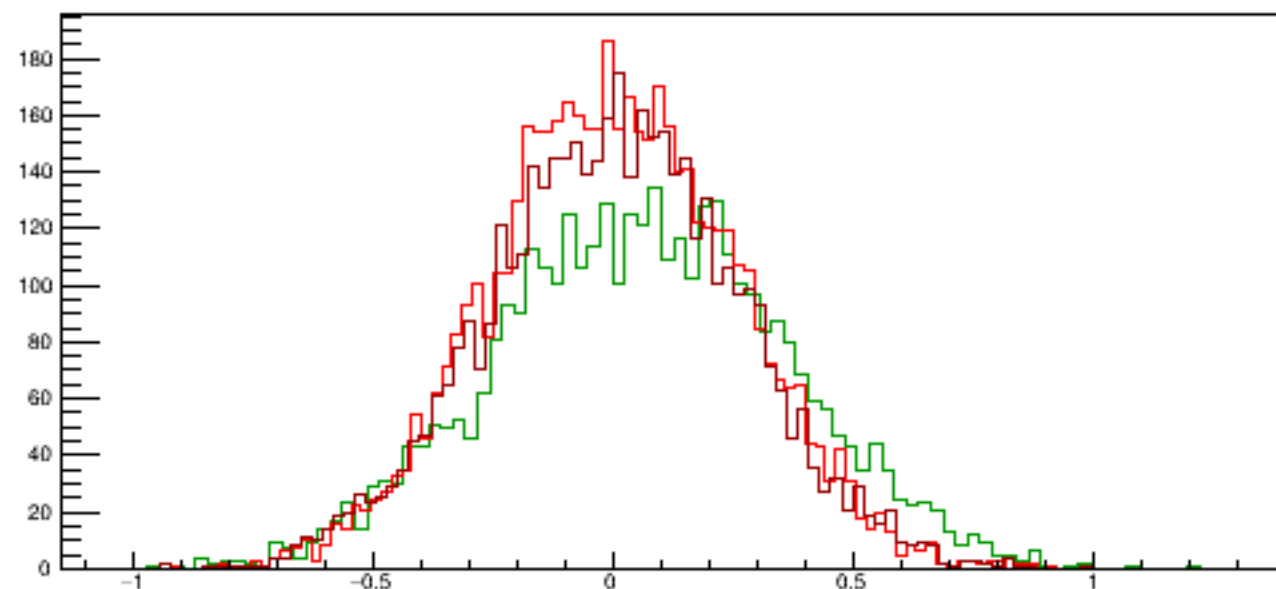
Std Dev: 0.3049 +/- 0.0035

Entries: 4570

Mean: 0.0011 +/- 0.0039

Std Dev: 0.2605 +/- 0.0027

Run 4343 quartetwise, Diffs



Cycle 2, Sums

Entries: 5194

Mean: 12.3830 +/- 0.0046

Std Dev: 0.3312 +/- 0.0032

Entries: 3782

Mean: 17.4873 +/- 0.0061

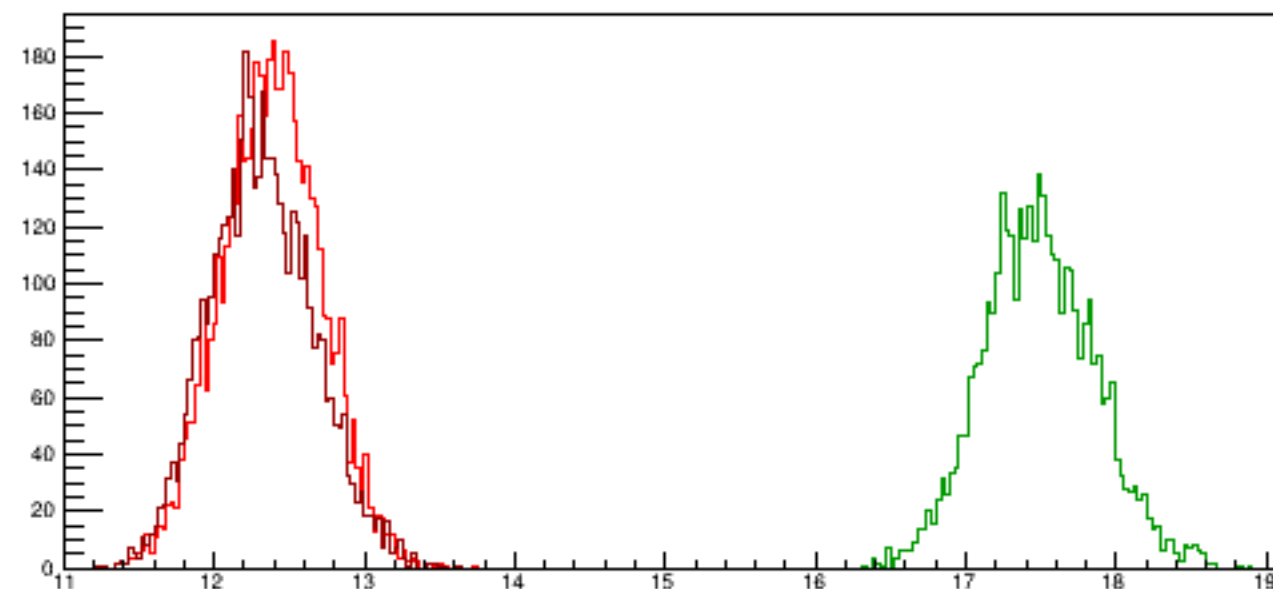
Std Dev: 0.3749 +/- 0.0043

Entries: 4570

Mean: 12.3178 +/- 0.0051

Std Dev: 0.3431 +/- 0.0036

Run 4343 quartetwise, Sums



Cycle 2, Asyms

Entries: 5194

Mean: 0.0005 +/- 0.0007

Std Dev: 0.0496 +/- 0.0005

Entries: 3782

Mean: 0.0115 +/- 0.0010

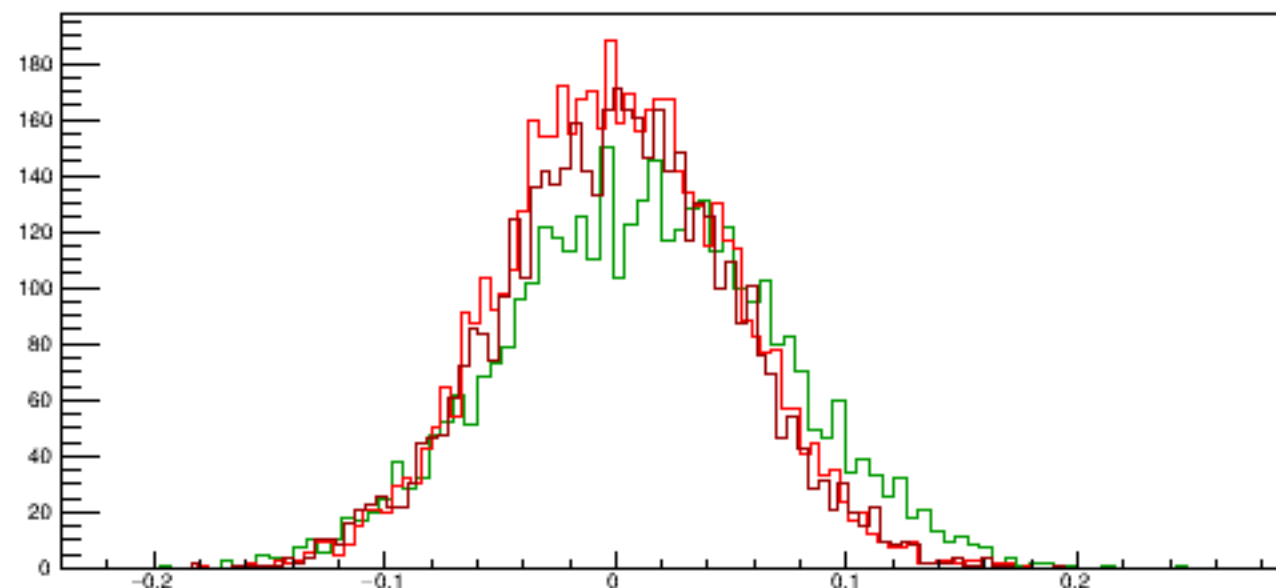
Std Dev: 0.0595 +/- 0.0007

Entries: 4570

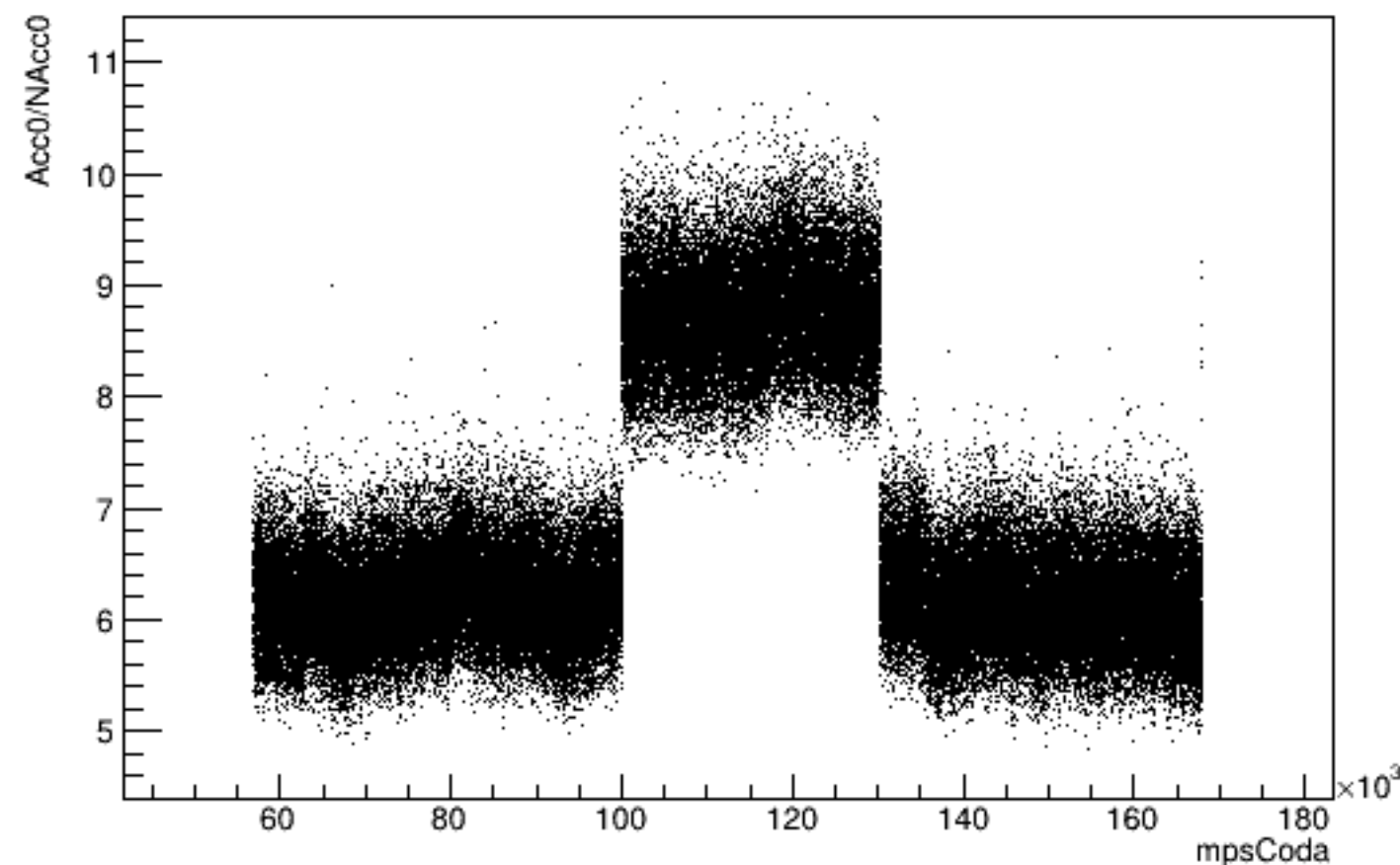
Mean: 0.0002 +/- 0.0008

Std Dev: 0.0507 +/- 0.0005

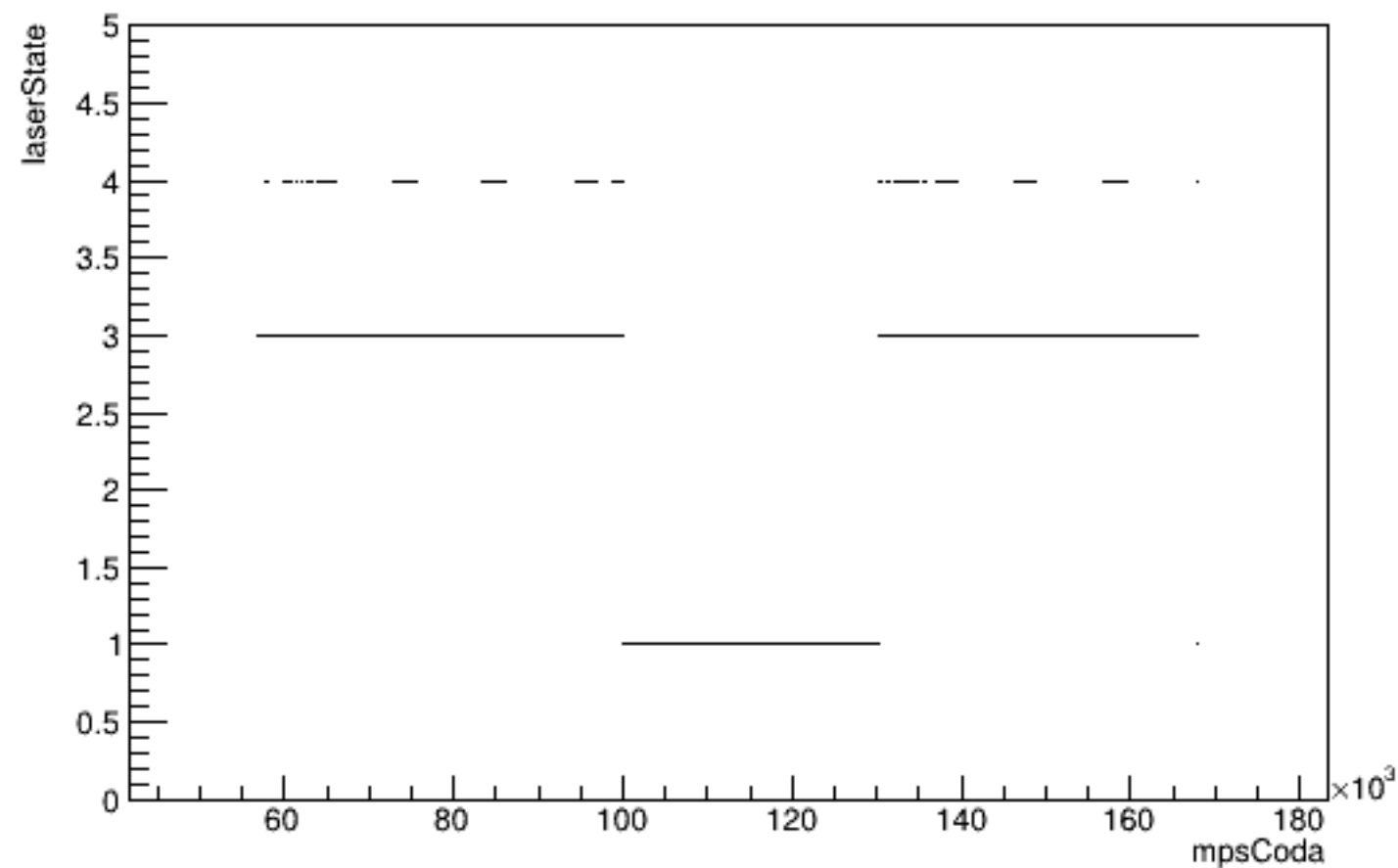
Run 4343 quartetwise, Asyms



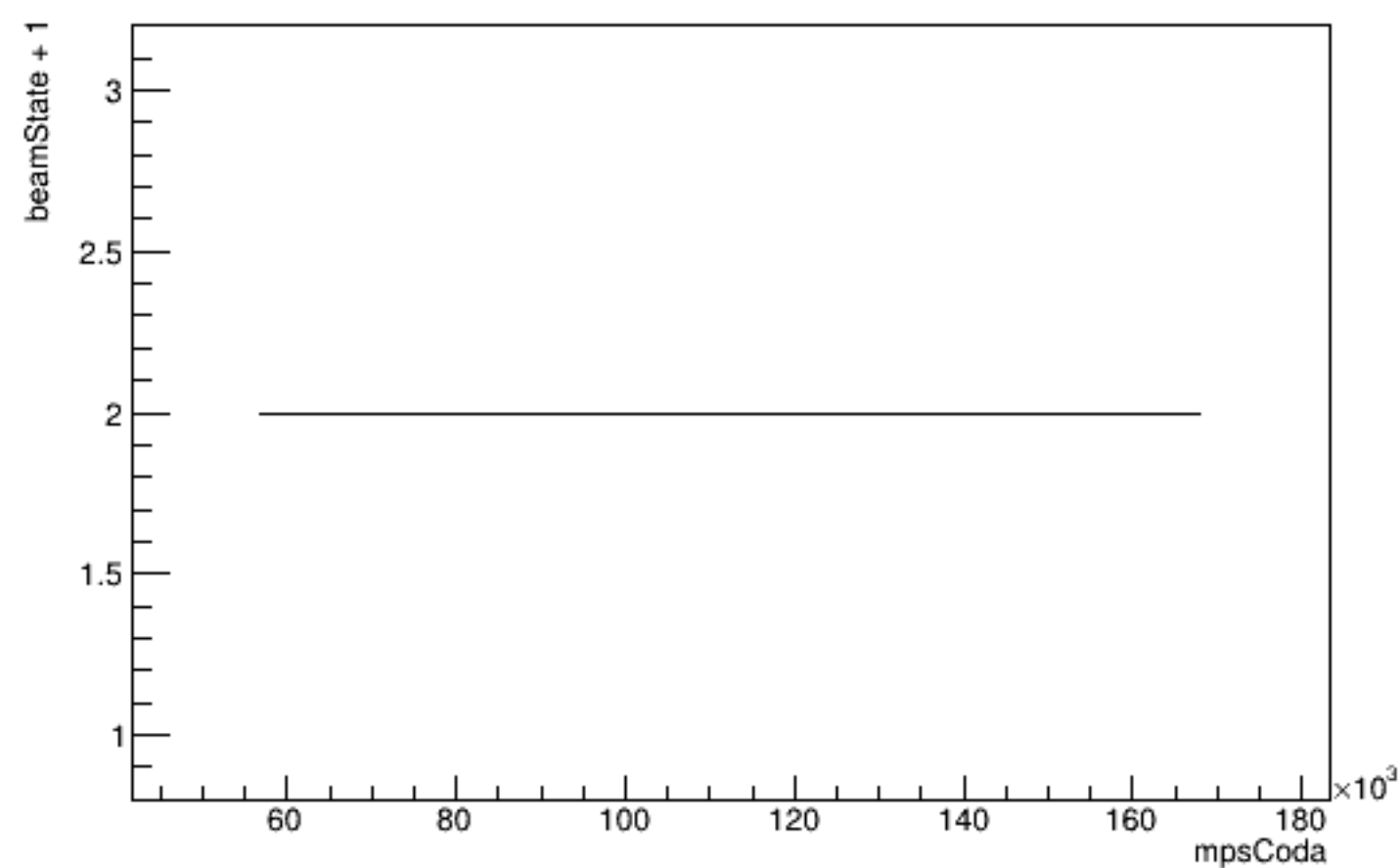
Acc0/NAcc0:mpsCoda {mpsCoda>=56879 && mpsCoda<=167950 && beamState==1}



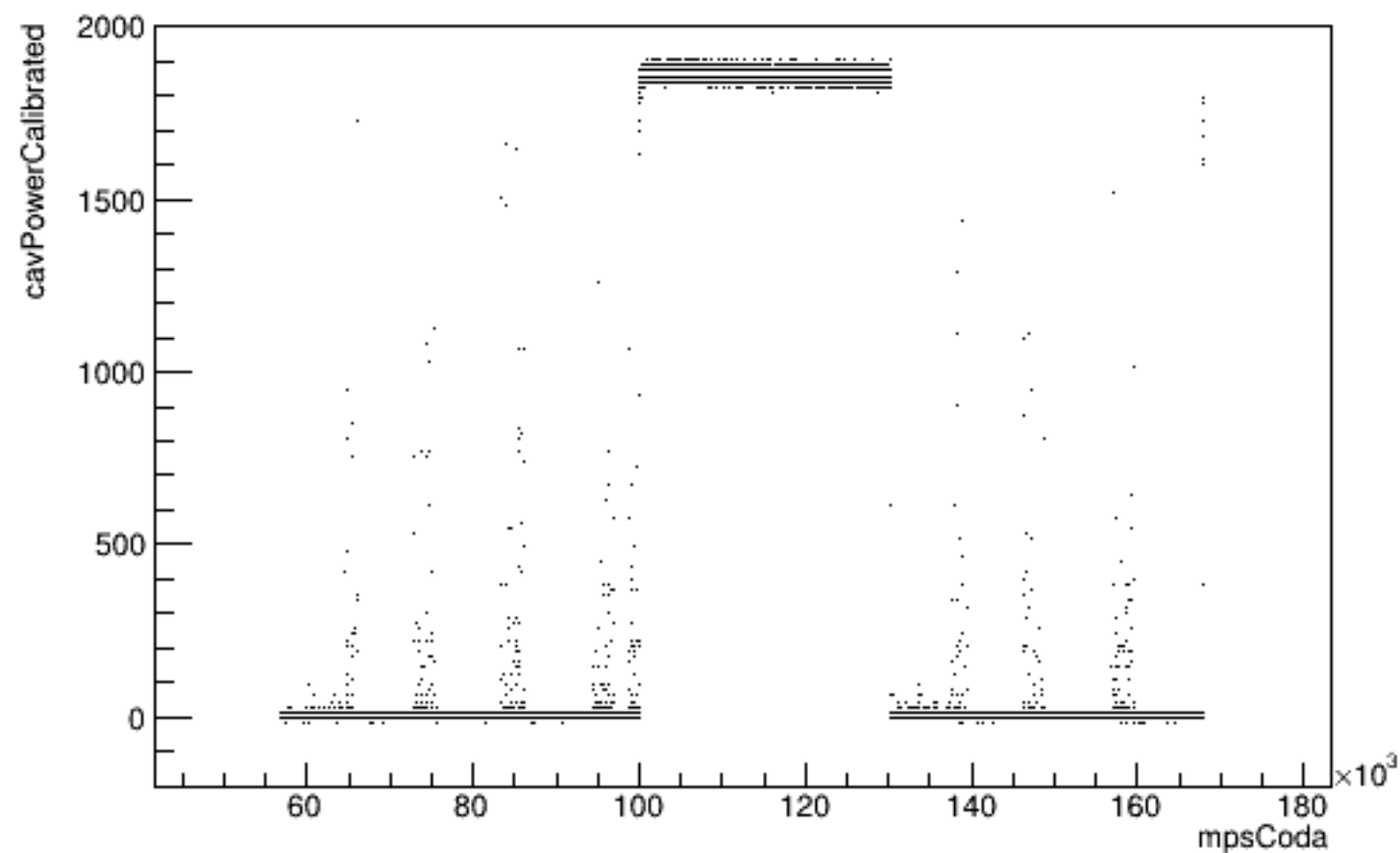
laserState:mpsCoda {mpsCoda>=56879 && mpsCoda<=167950}



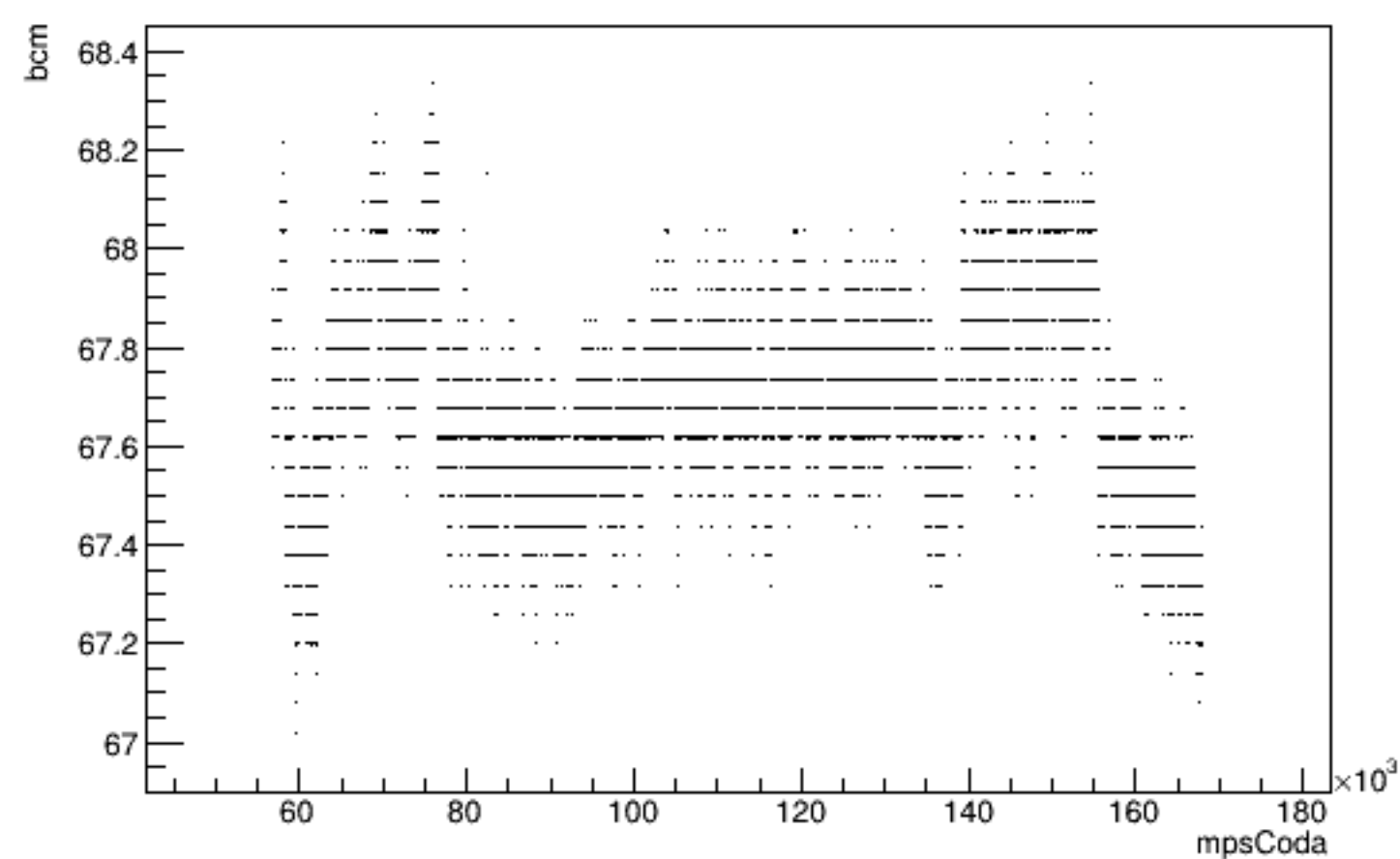
beamState + 1:mpsCoda {mpsCoda>=56879 && mpsCoda<=167950}



cavPowerCalibrated:mpsCoda {mpsCoda>=56879 && mpsCoda<=167950}



bcm:mpsCoda {mpsCoda>=56879 && mpsCoda<=167950}



Cycle 3, Diffs

Entries: 4570

Mean: 0.0011 +/- 0.0039

Std Dev: 0.2605 +/- 0.0027

Entries: 3670

Mean: 0.0723 +/- 0.0051

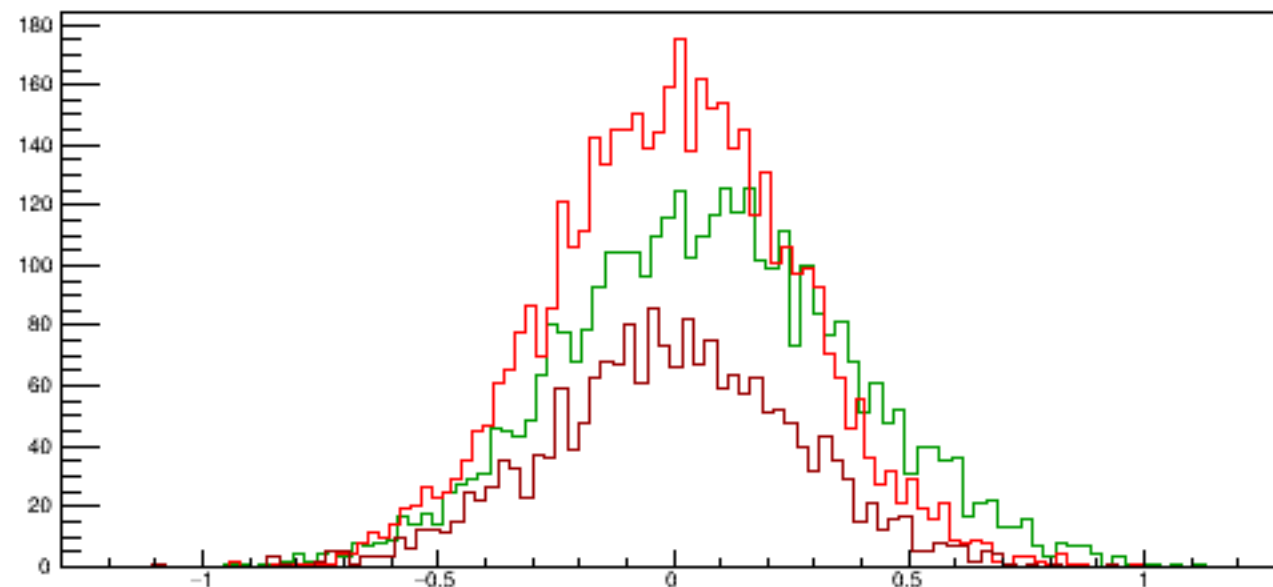
Std Dev: 0.3071 +/- 0.0036

Entries: 1965

Mean: -0.0041 +/- 0.0060

Std Dev: 0.2648 +/- 0.0042

Run 4343 quartetwise, Diffs



Cycle 3, Sums

Entries: 4570

Mean: 12.3178 +/- 0.0051

Std Dev: 0.3431 +/- 0.0036

Entries: 3670

Mean: 16.9030 +/- 0.0062

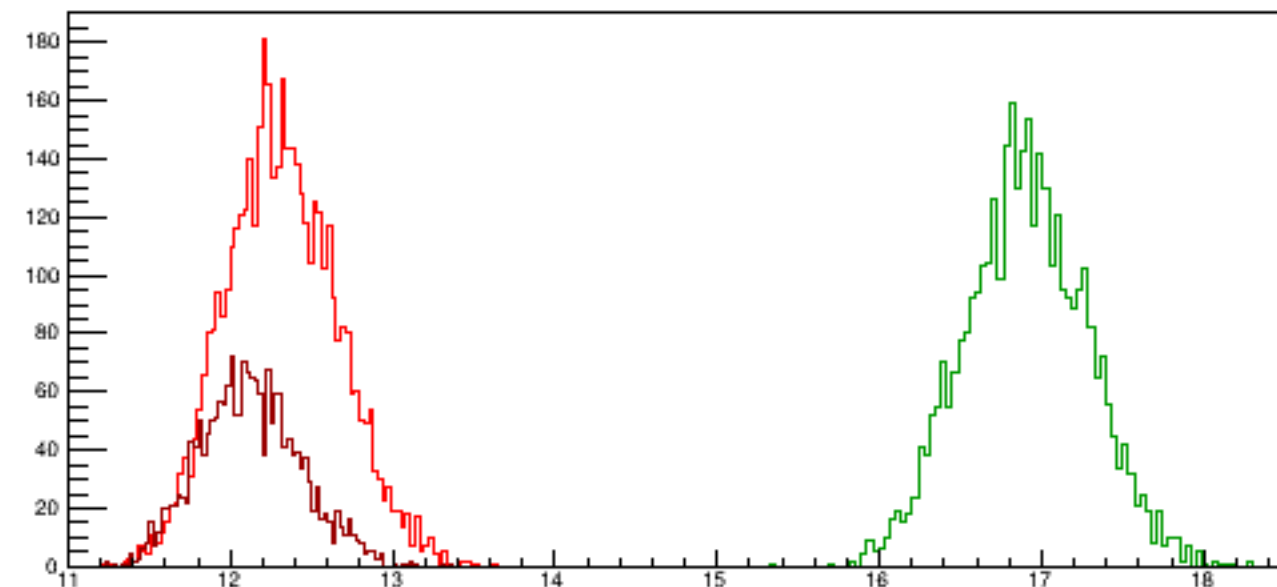
Std Dev: 0.3778 +/- 0.0044

Entries: 1965

Mean: 12.1215 +/- 0.0070

Std Dev: 0.3121 +/- 0.0050

Run 4343 quartetwise, Sums



Cycle 3, Asyms

Entries: 4570

Mean: 0.0002 +/- 0.0008

Std Dev: 0.0556 +/- 0.0006

Entries: 3670

Mean: 0.0154 +/- 0.0011

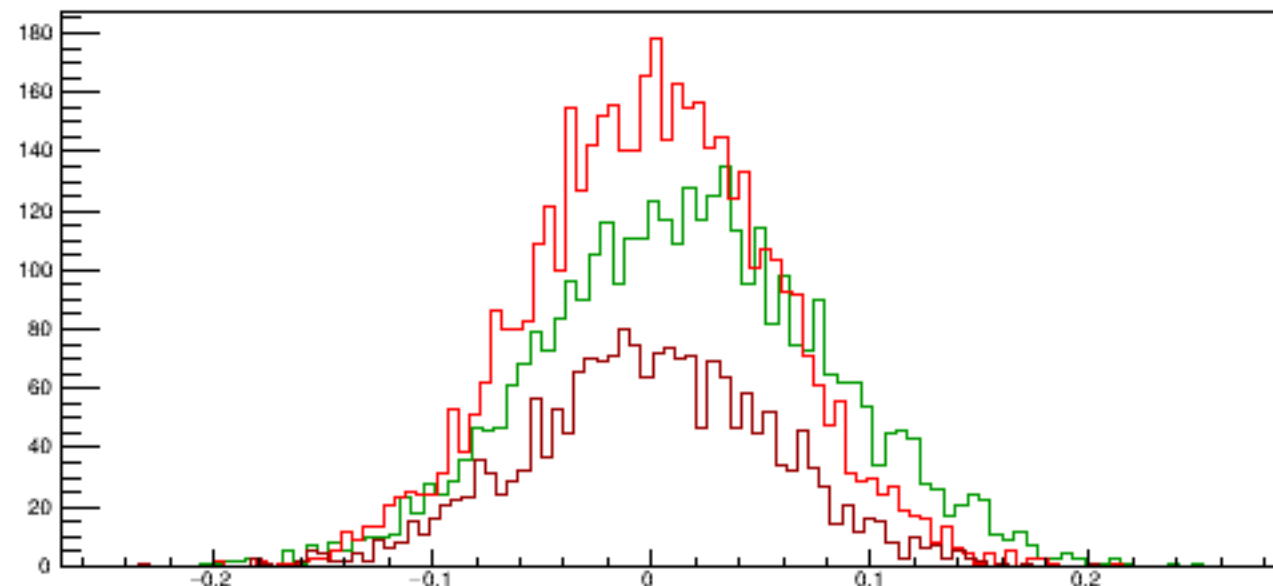
Std Dev: 0.0659 +/- 0.0008

Entries: 1965

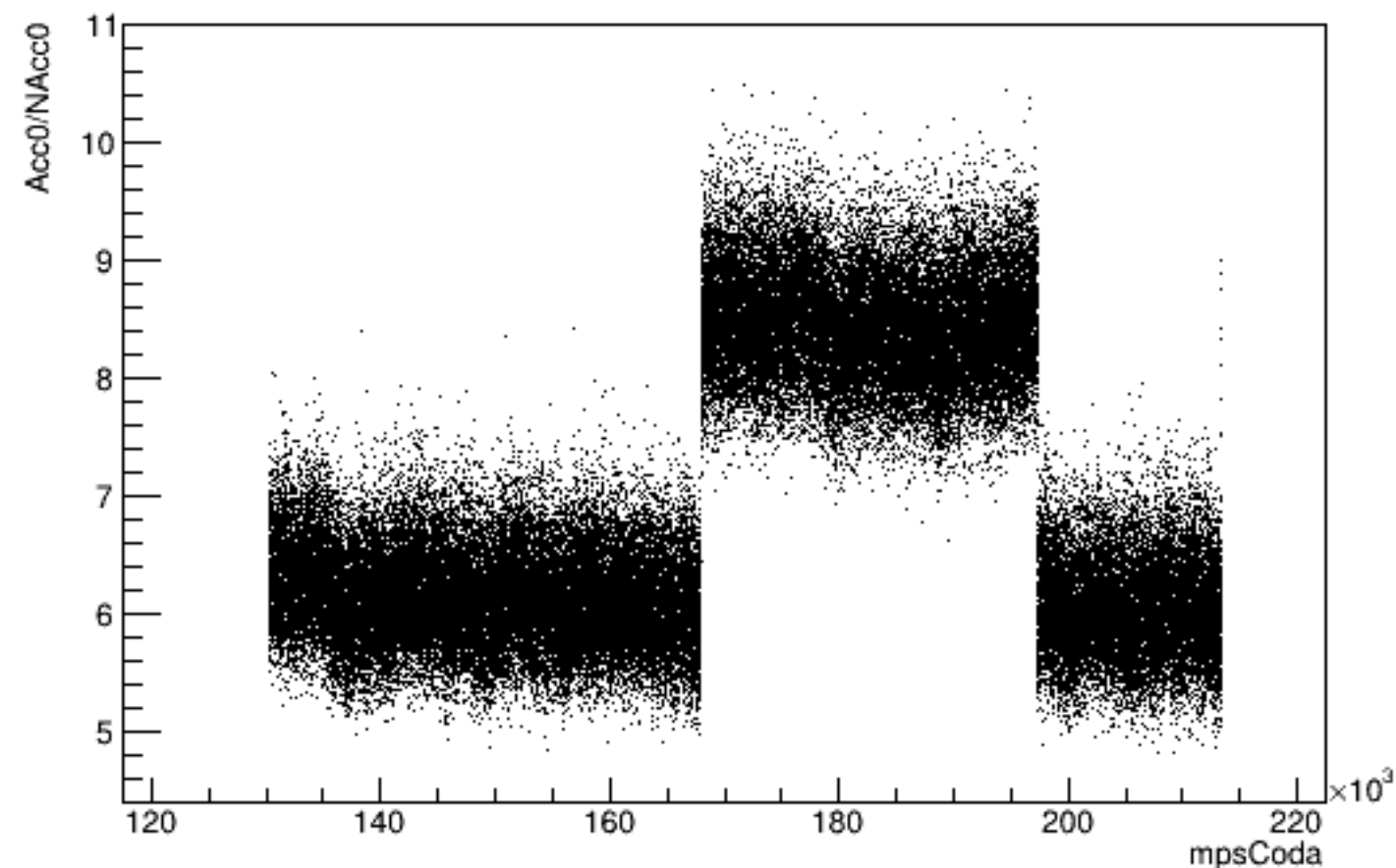
Mean: -0.0009 +/- 0.0013

Std Dev: 0.0565 +/- 0.0009

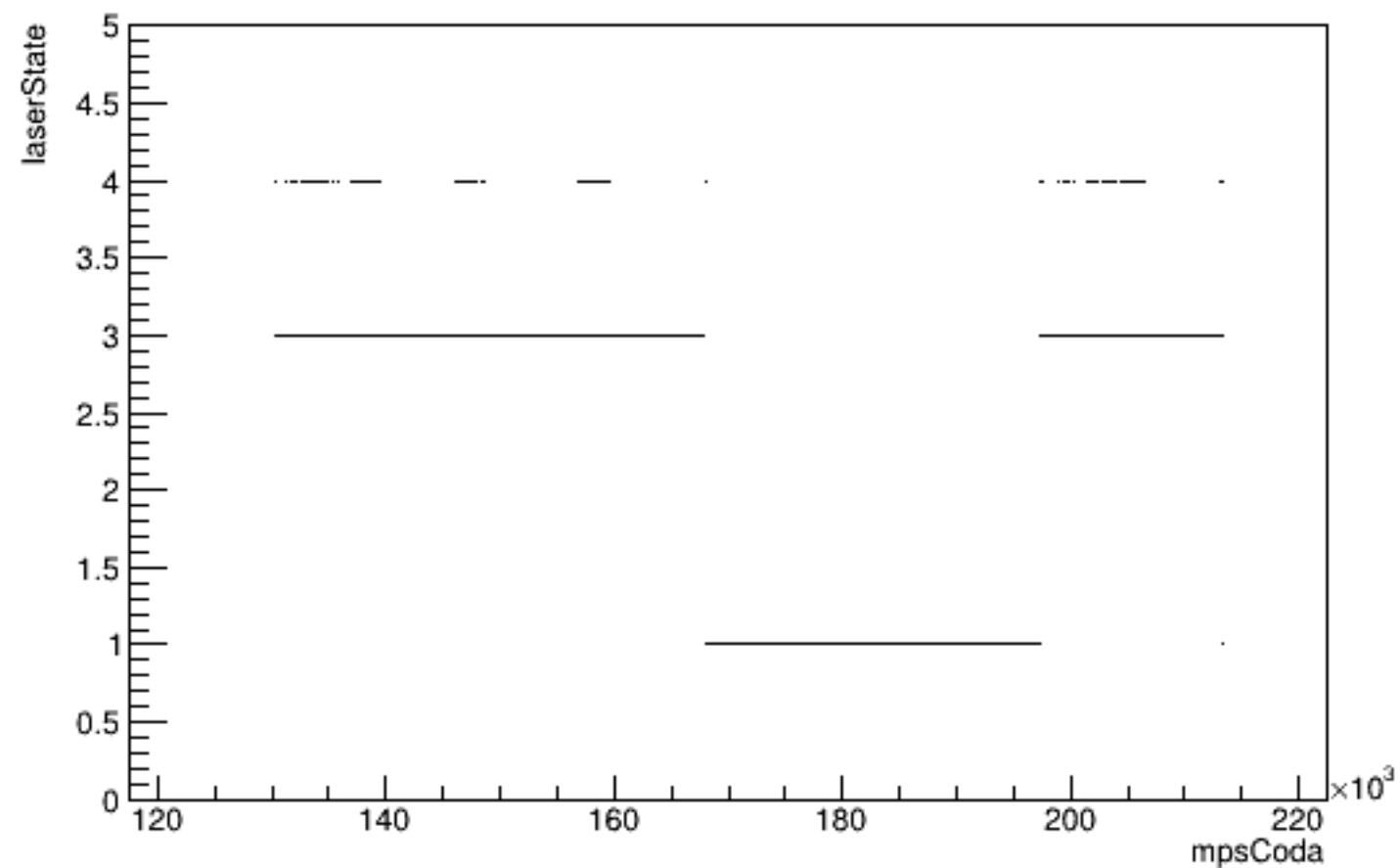
Run 4343 quartetwise, Asyms



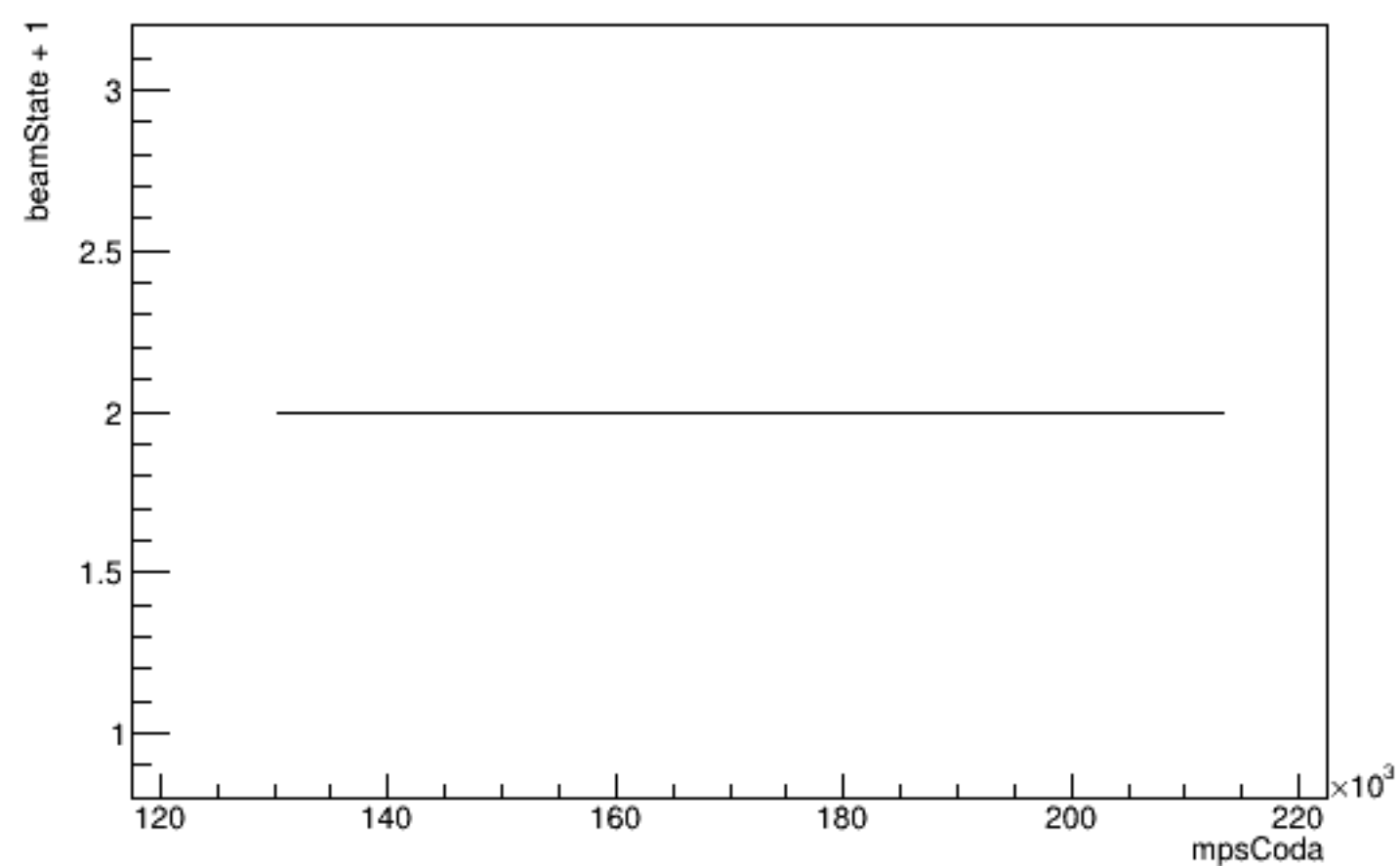
Acc0/NAcc0:mpsCoda (mpsCoda>=130255 && mpsCoda<=213438 && beamState==1)



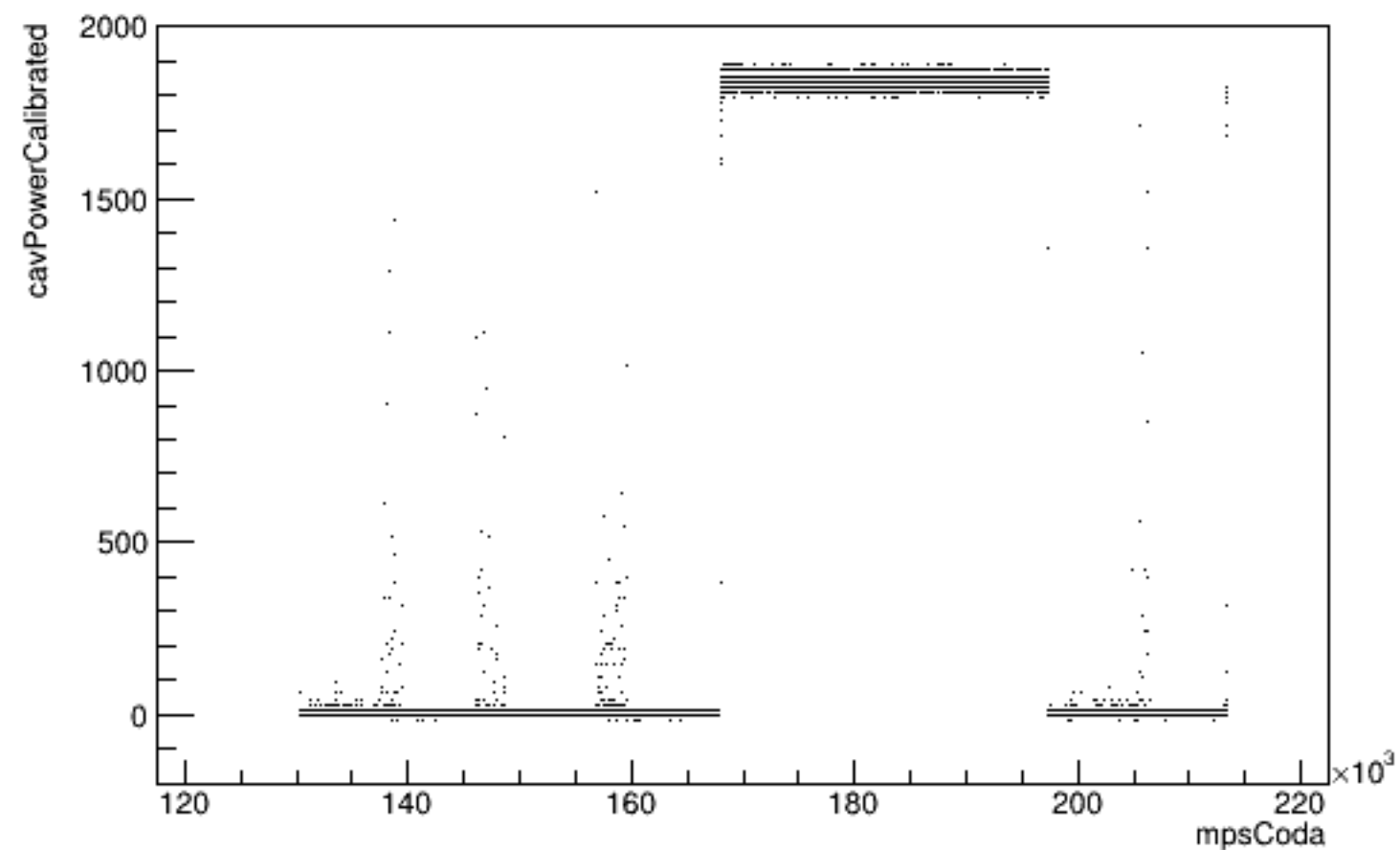
laserState:mpsCoda {mpsCoda>=130255 && mpsCoda<=213438}



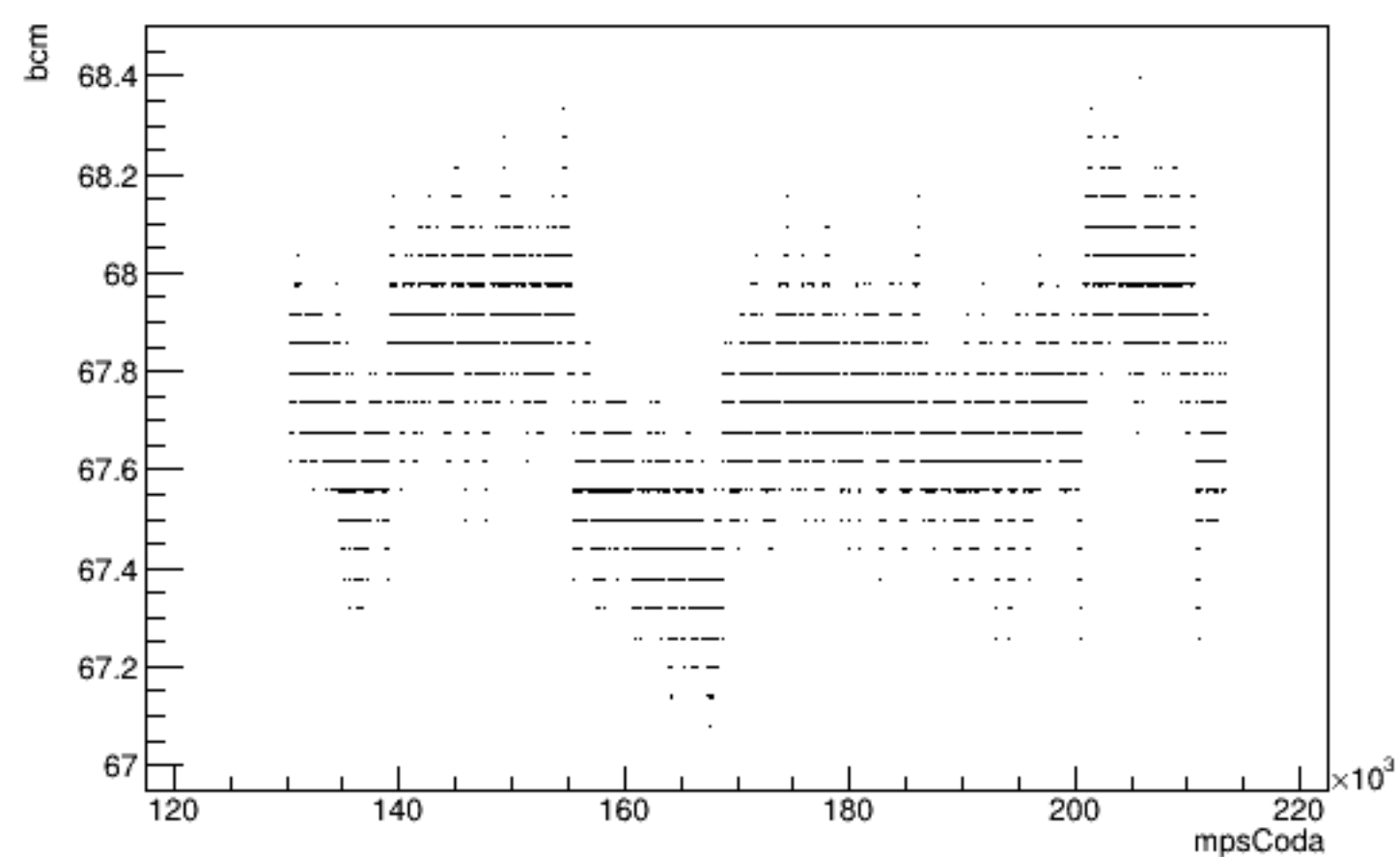
beamState + 1:mpsCoda {mpsCoda>=130255 && mpsCoda<=213438}



cavPowerCalibrated:mpsCoda {mpsCoda>=130255 && mpsCoda<=213438}



bcm:mpsCoda {mpsCoda>=130255 && mpsCoda<=213438}



Cycle 4, Diffs

Entries: 1965

Mean: -0.0041 +/- 0.0060

Std Dev: 0.2648 +/- 0.0042

Entries: 3639

Mean: 0.0582 +/- 0.0050

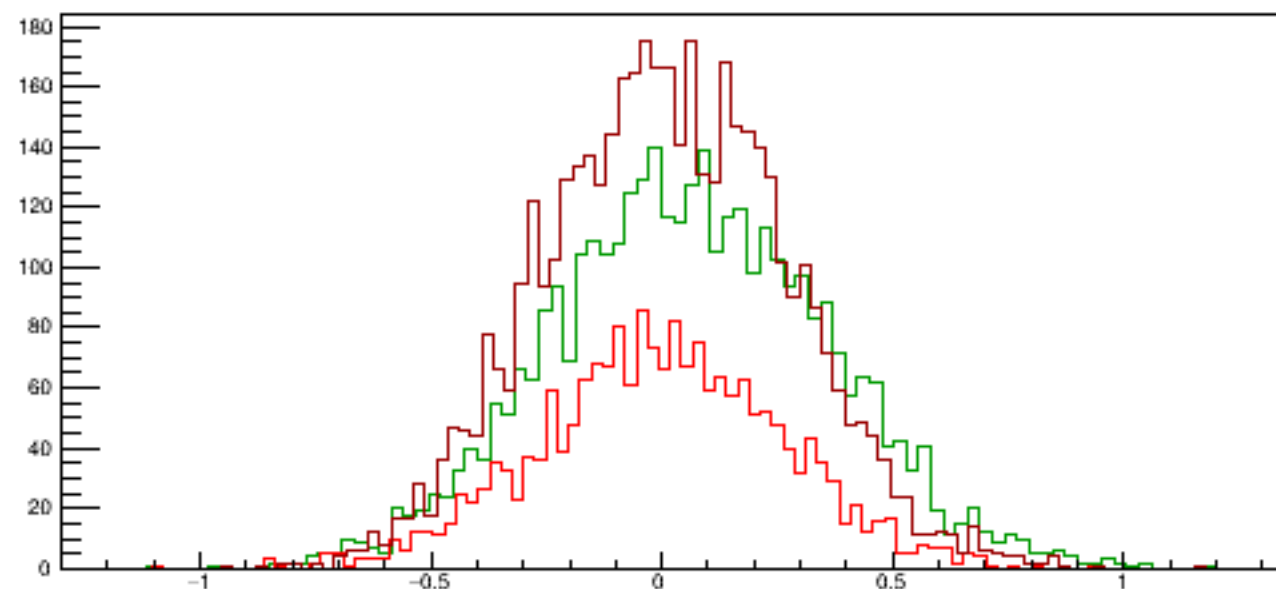
Std Dev: 0.3032 +/- 0.0036

Entries: 4555

Mean: 0.0087 +/- 0.0039

Std Dev: 0.2652 +/- 0.0028

Run 4343 quartetwise, Diffs



Cycle 4, Sums

Entries: 1965

Mean: 12.1215 +/- 0.0070

Std Dev: 0.3121 +/- 0.0050

Entries: 3639

Mean: 16.7763 +/- 0.0060

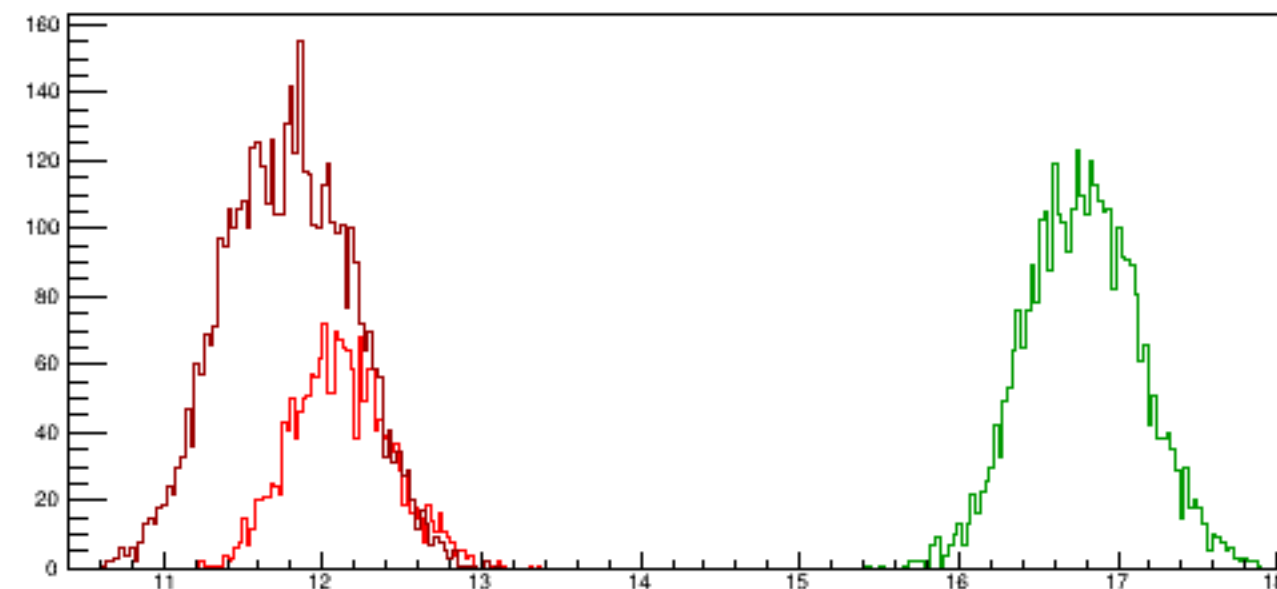
Std Dev: 0.3591 +/- 0.0042

Entries: 4555

Mean: 11.7826 +/- 0.0059

Std Dev: 0.3975 +/- 0.0042

Run 4343 quartetwise, Sums



Cycle 4, Asyms

Entries: 1965

Mean: -0.0009 +/- 0.0012

Std Dev: 0.0549 +/- 0.0009

Entries: 3639

Mean: 0.0120 +/- 0.0010

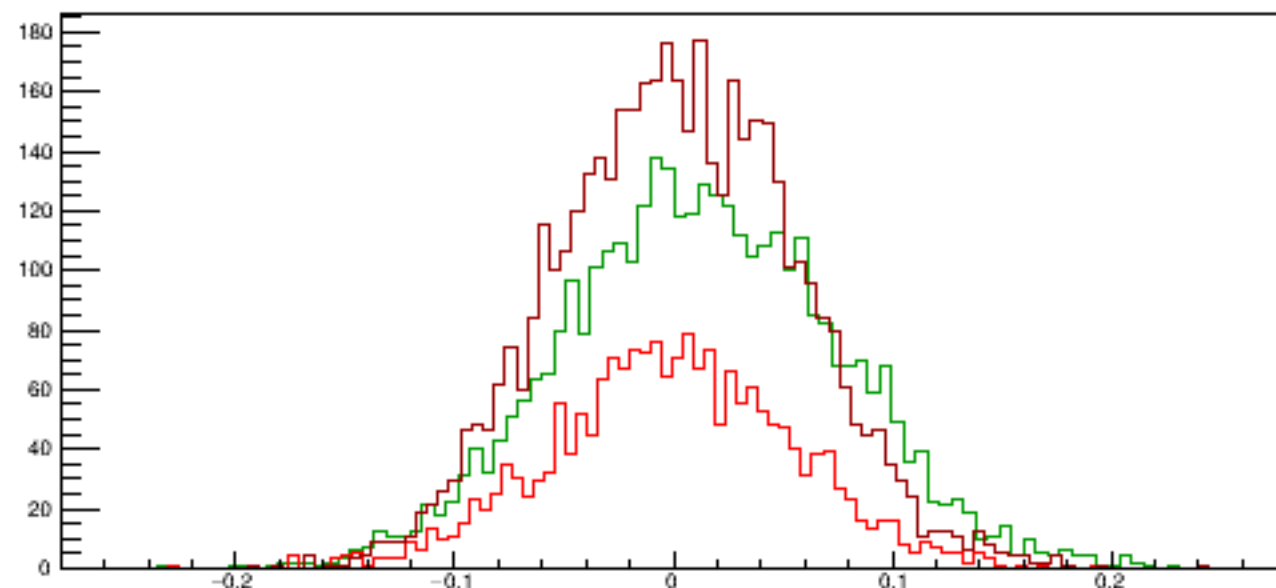
Std Dev: 0.0630 +/- 0.0007

Entries: 4555

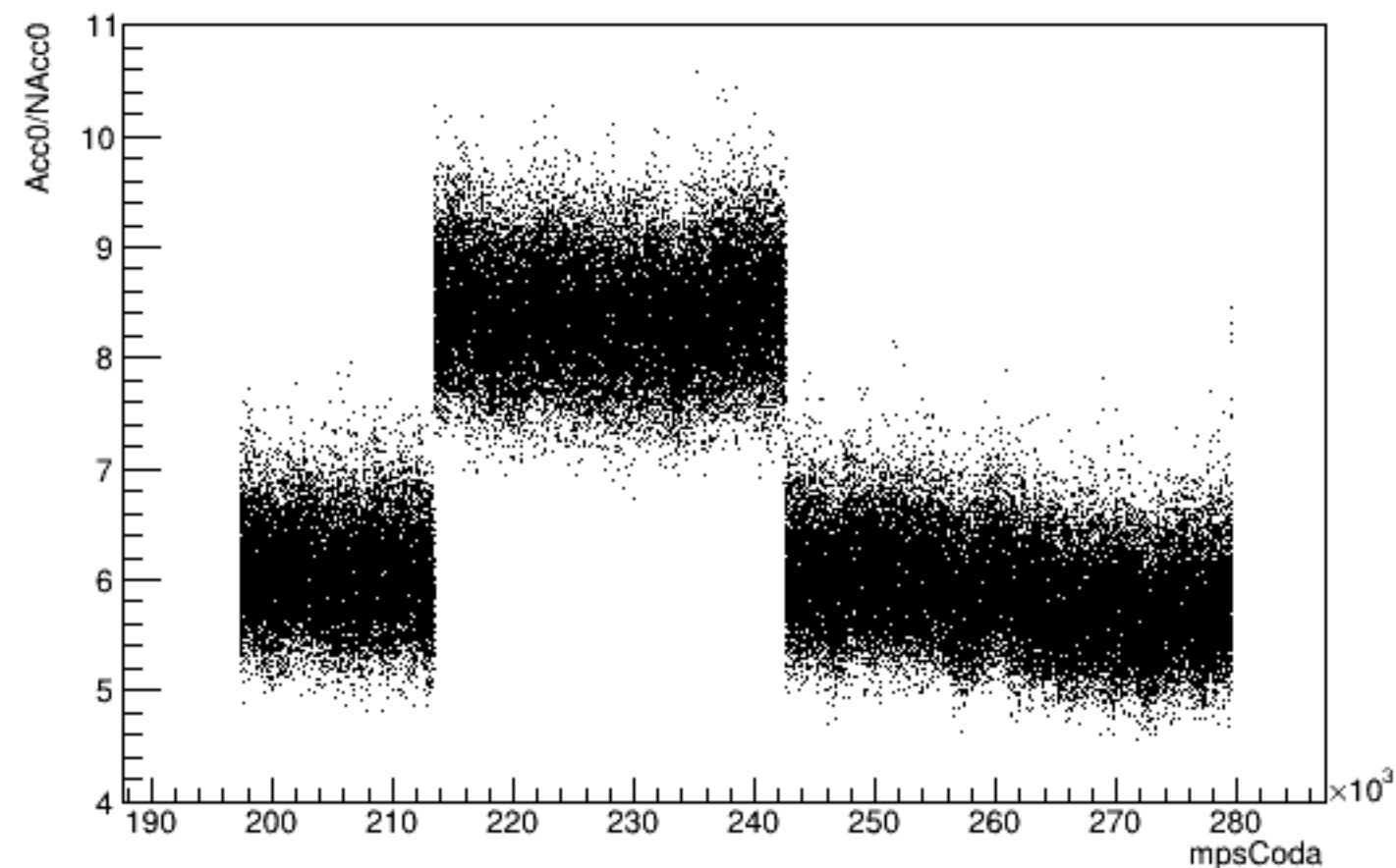
Mean: 0.0018 +/- 0.0008

Std Dev: 0.0550 +/- 0.0006

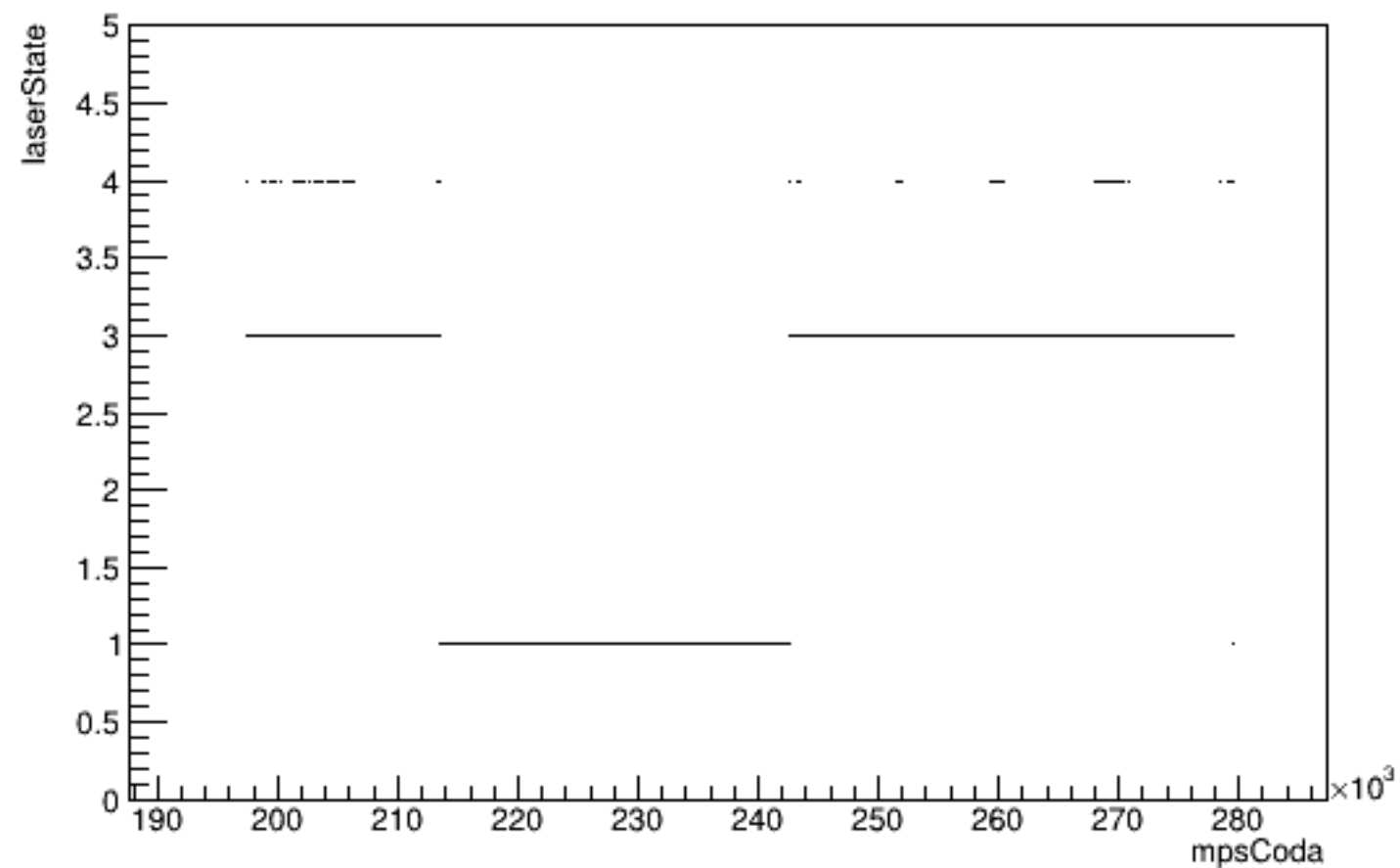
Run 4343 quartetwise, Asyms



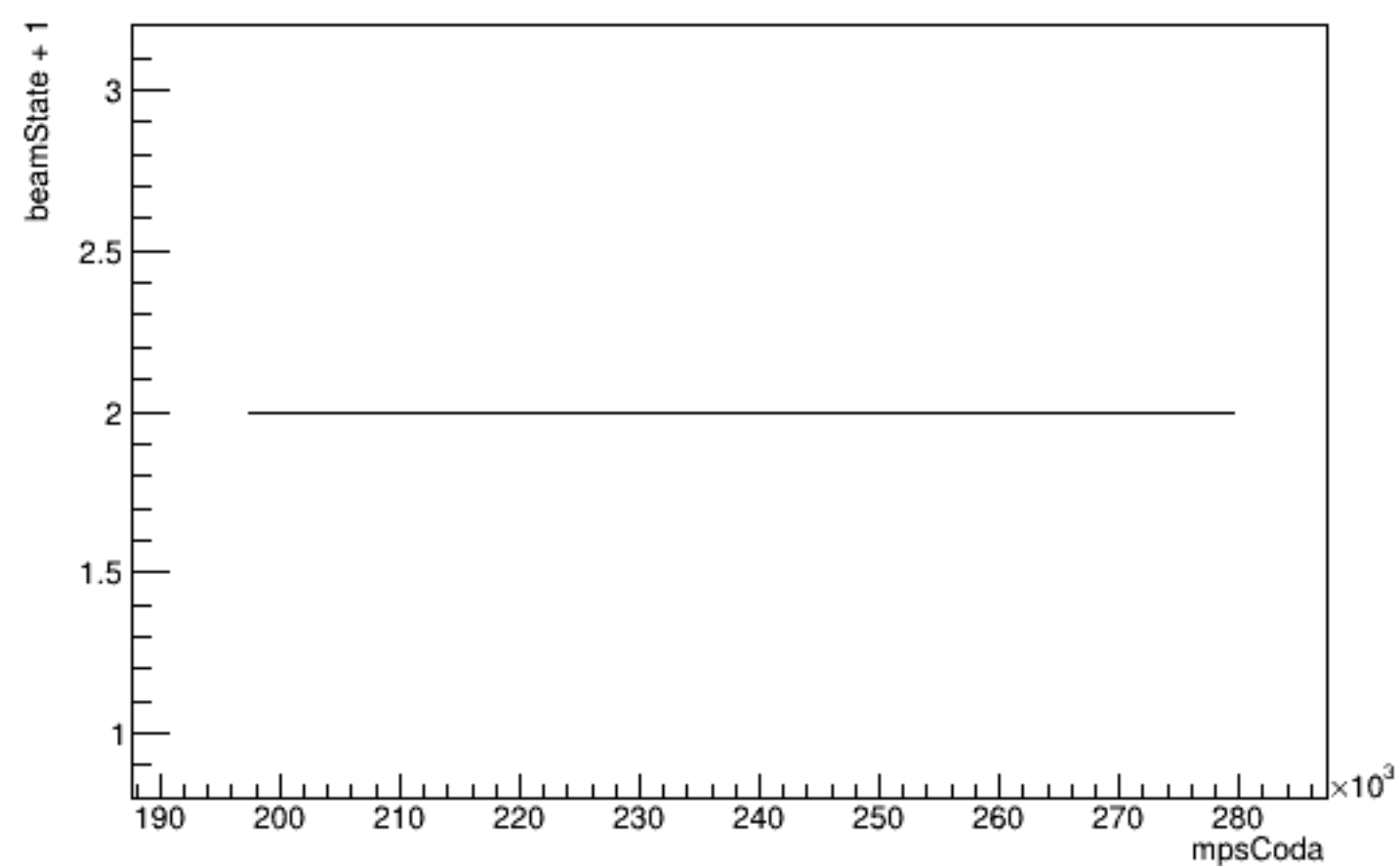
Acc0/NAcc0:mpsCoda (mpsCoda>=197319 && mpsCoda<=279598 && beamState==1)



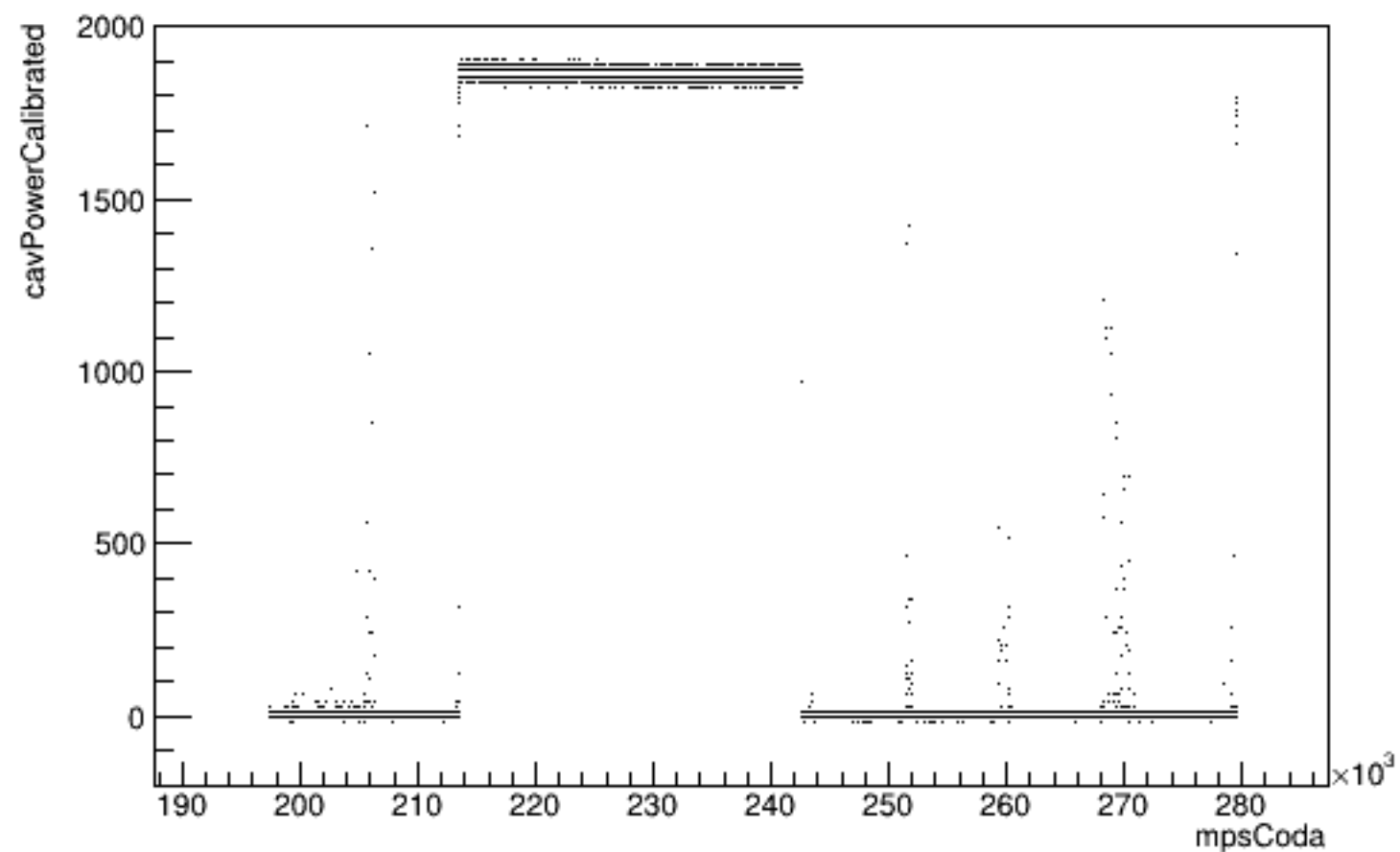
laserState:mpsCoda {mpsCoda>=197319 && mpsCoda<=279598}



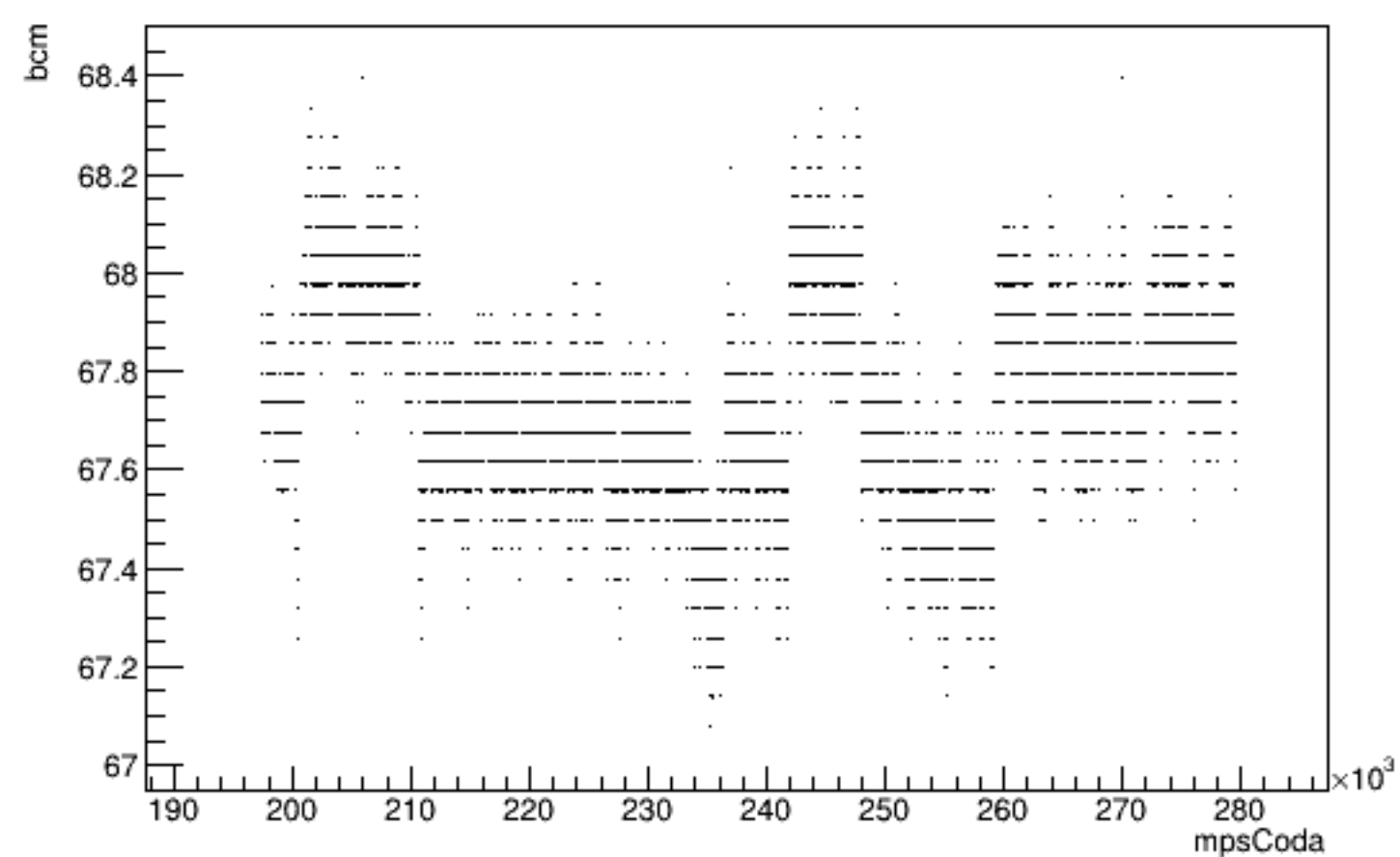
beamState + 1:mpsCoda {mpsCoda>=197319 && mpsCoda<=279598}



cavPowerCalibrated:mpsCoda {mpsCoda>=197319 && mpsCoda<=279598}



bcm:mpsCoda {mpsCoda>=197319 && mpsCoda<=279598}



Cycle 5, Diffs

Entries: 4555

Mean: 0.0087 +/- 0.0039

Std Dev: 0.2652 +/- 0.0028

Entries: 1736

Mean: 0.0683 +/- 0.0073

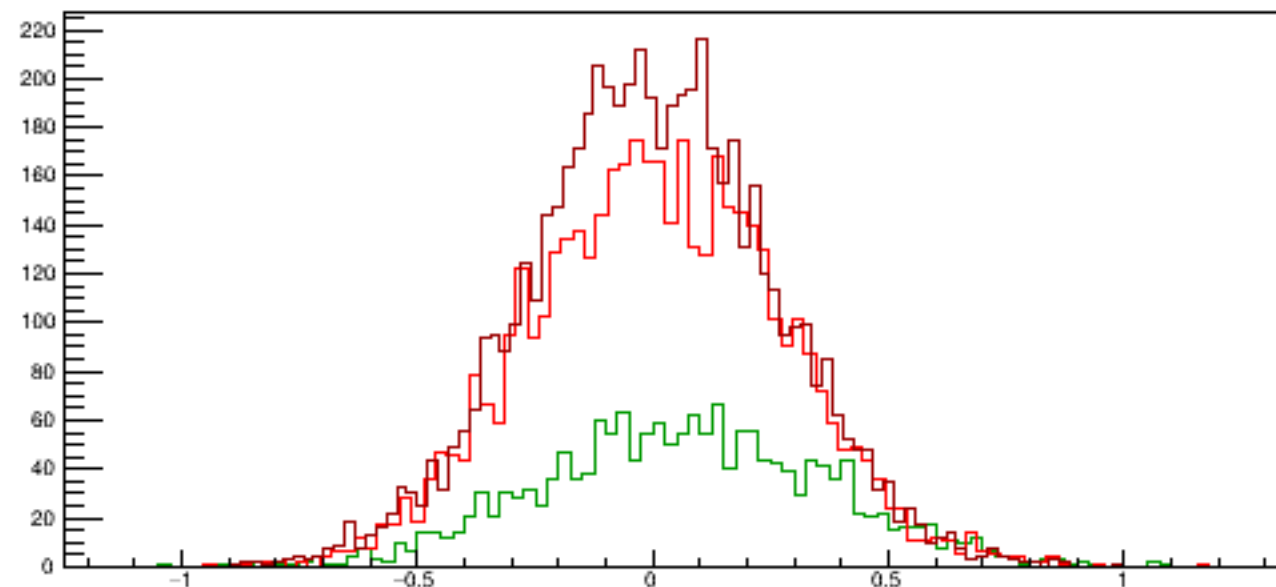
Std Dev: 0.3049 +/- 0.0052

Entries: 5911

Mean: -0.0031 +/- 0.0034

Std Dev: 0.2594 +/- 0.0024

Run 4343 quartetwise, Diffs



Cycle 5, Sums

Entries: 4555

Mean: 11.7826 +/- 0.0059

Std Dev: 0.3975 +/- 0.0042

Entries: 1736

Mean: 16.6268 +/- 0.0090

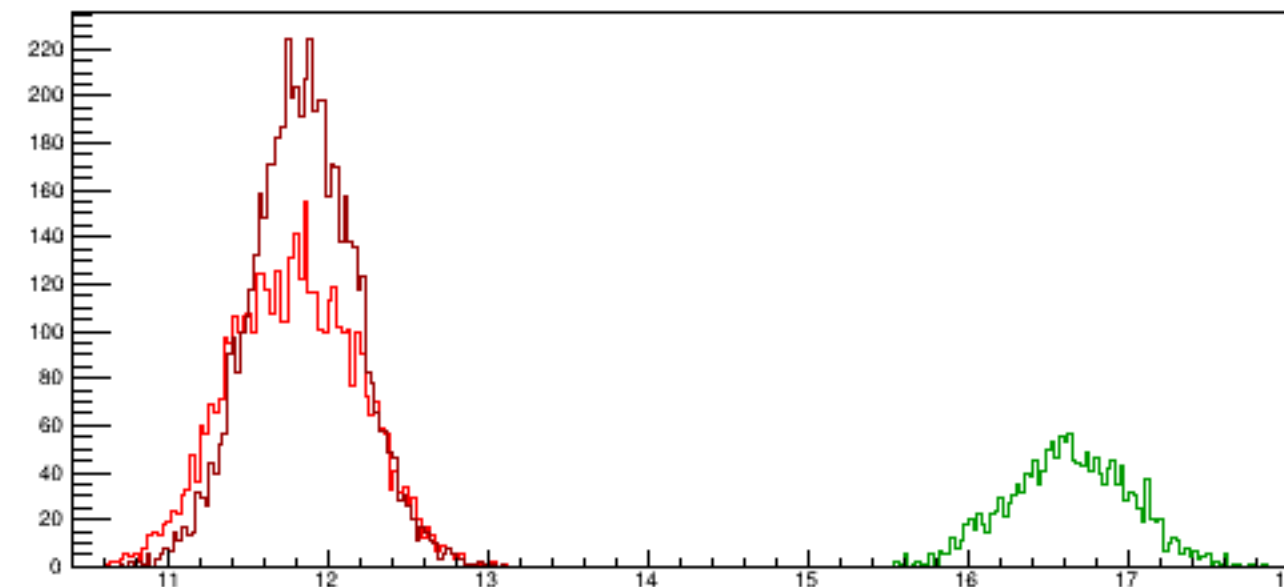
Std Dev: 0.3753 +/- 0.0064

Entries: 5911

Mean: 11.8465 +/- 0.0042

Std Dev: 0.3226 +/- 0.0030

Run 4343 quartetwise, Sums



Cycle 5, Asyms

Entries: 4555

Mean: 0.0018 +/- 0.0008

Std Dev: 0.0551 +/- 0.0006

Entries: 1736

Mean: 0.0142 +/- 0.0015

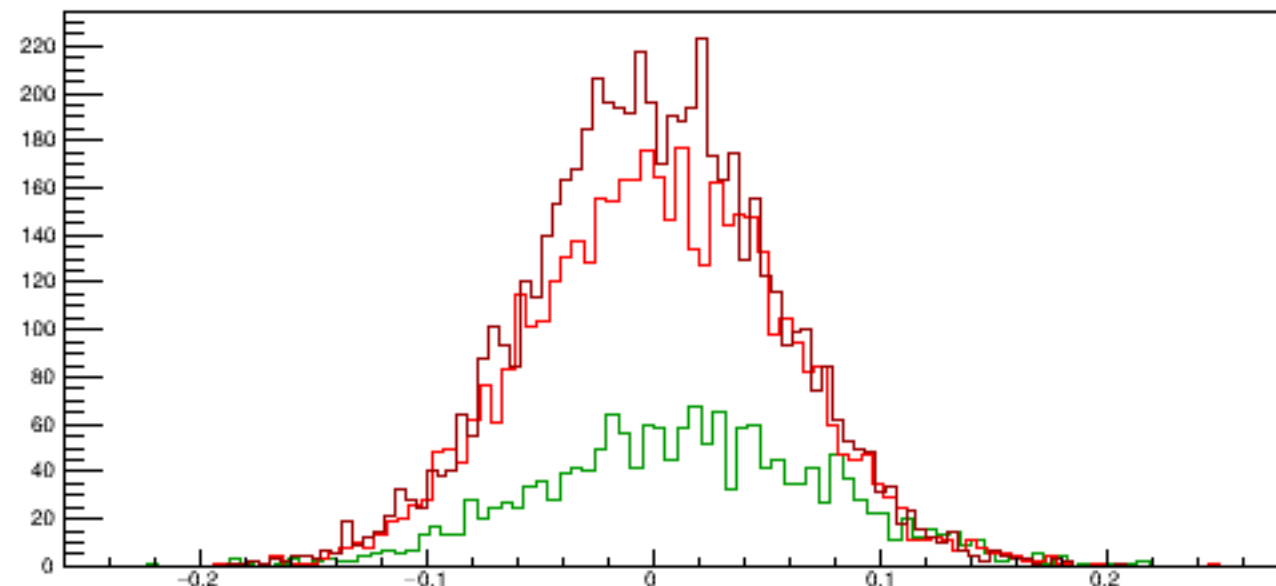
Std Dev: 0.0638 +/- 0.0011

Entries: 5911

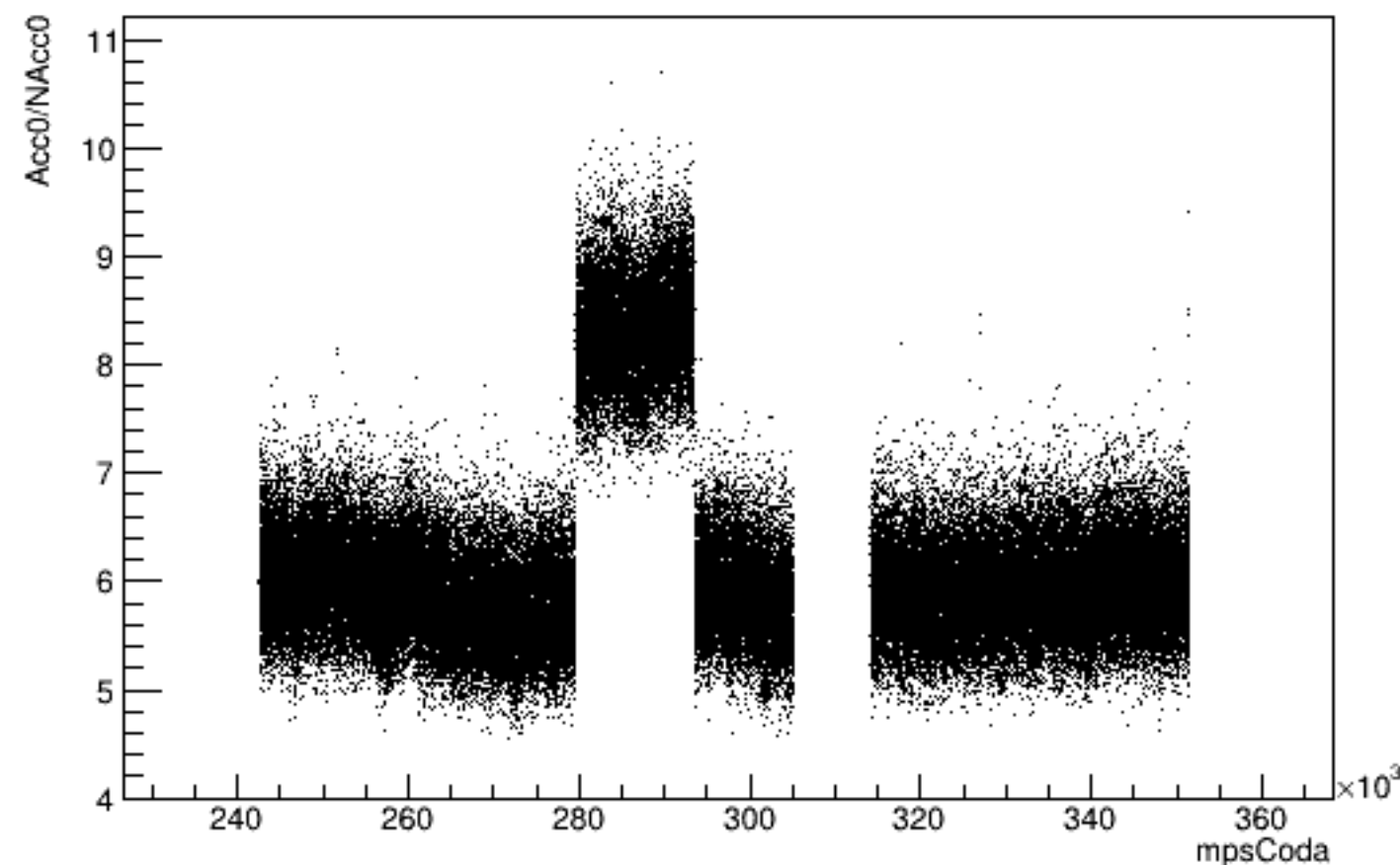
Mean: -0.0006 +/- 0.0007

Std Dev: 0.0539 +/- 0.0005

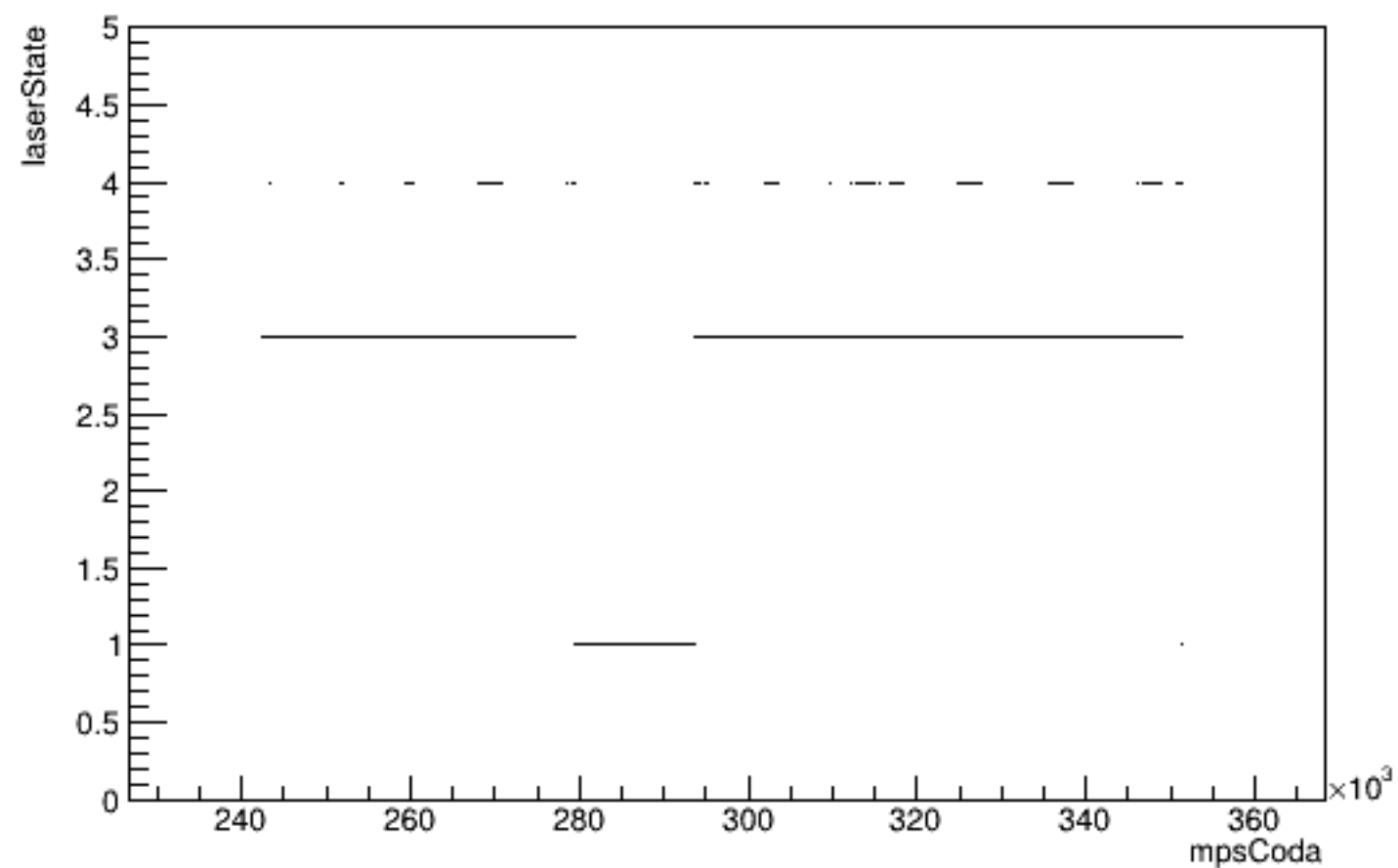
Run 4343 quartetwise, Asyms



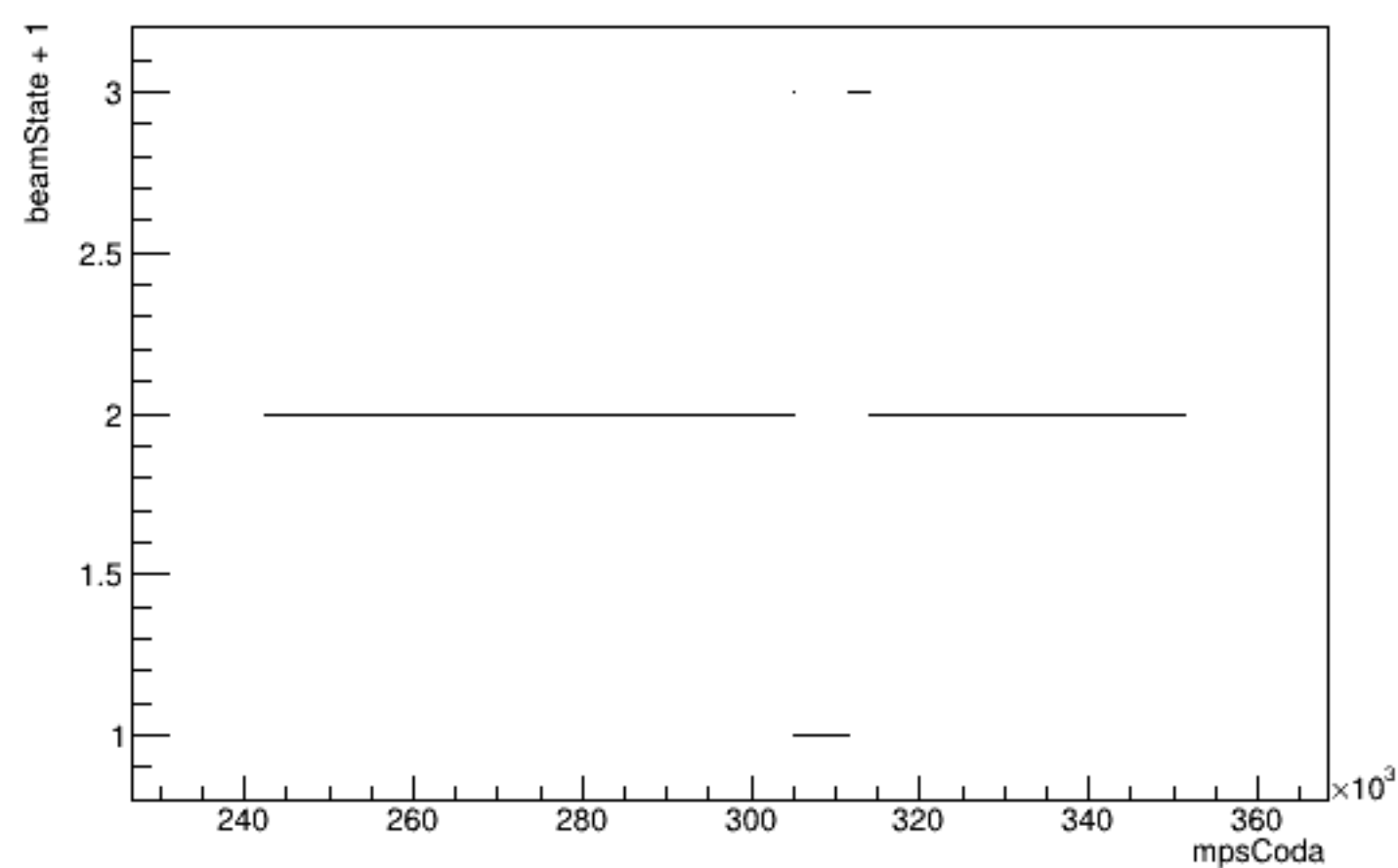
Acc0/NAcc0:mpsCoda (mpsCoda>=242559 && mpsCoda<=351462 && beamState==1)



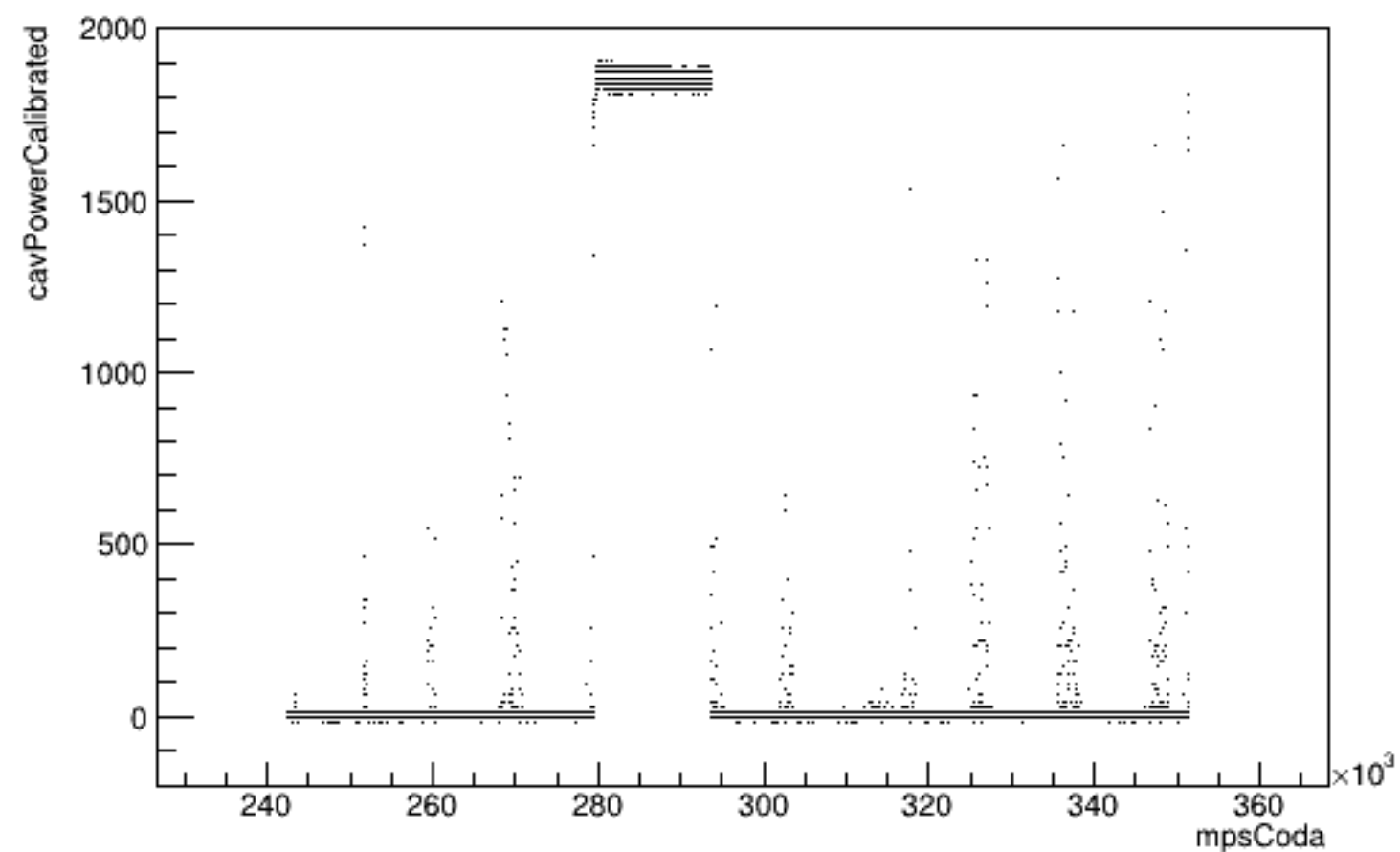
laserState:mpsCoda {mpsCoda>=242559 && mpsCoda<=351462}



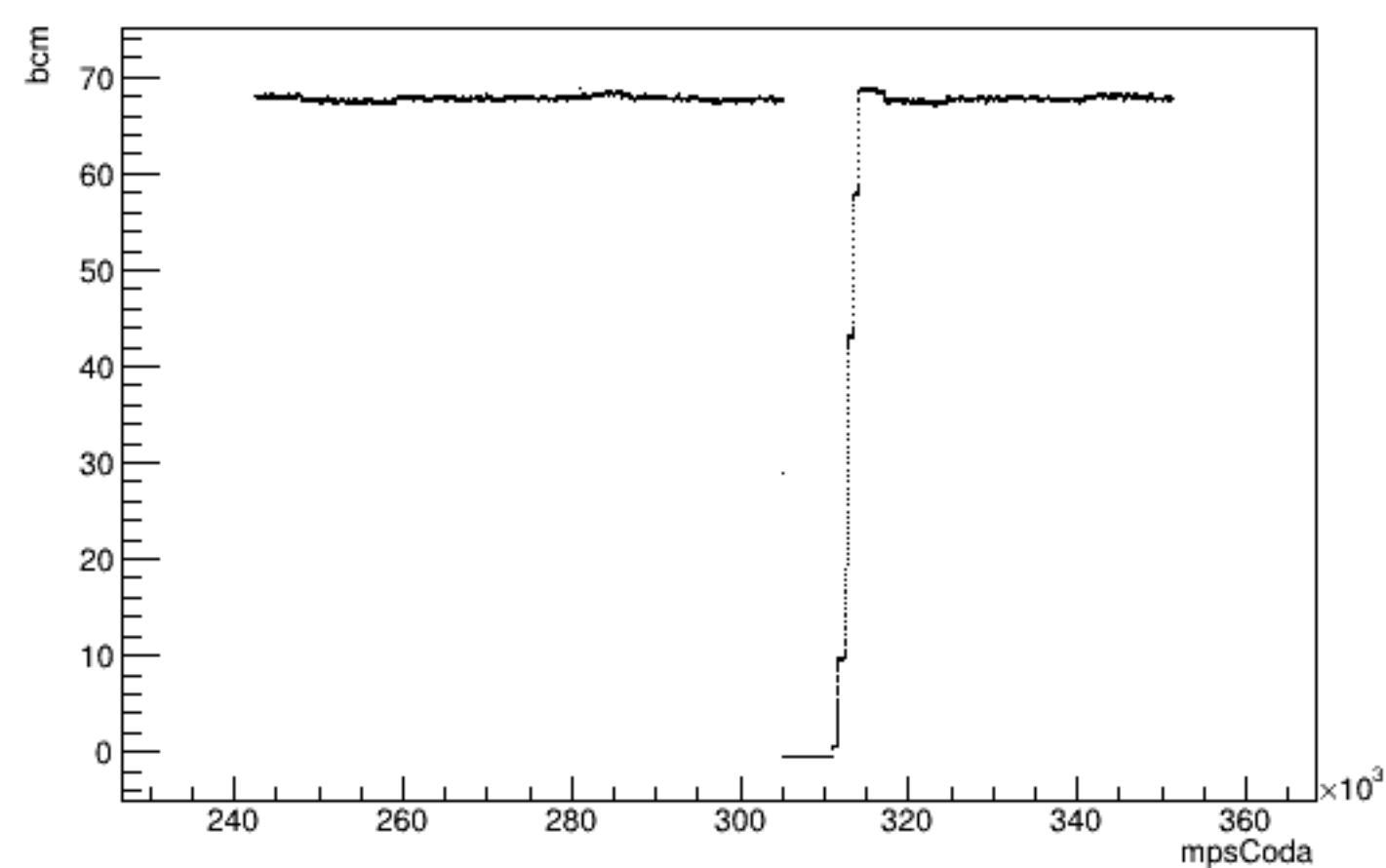
beamState + 1:mpsCoda {mpsCoda>=242559 && mpsCoda<=351462}



cavPowerCalibrated:mpsCoda {mpsCoda>=242559 && mpsCoda<=351462}



bcm:mpsCoda {mpsCoda>=242559 && mpsCoda<=351462}



Cycle 6, Diffs

Entries: 5911

Mean: -0.0031 +/- 0.0034

Std Dev: 0.2594 +/- 0.0024

Entries: 3220

Mean: 0.0687 +/- 0.0054

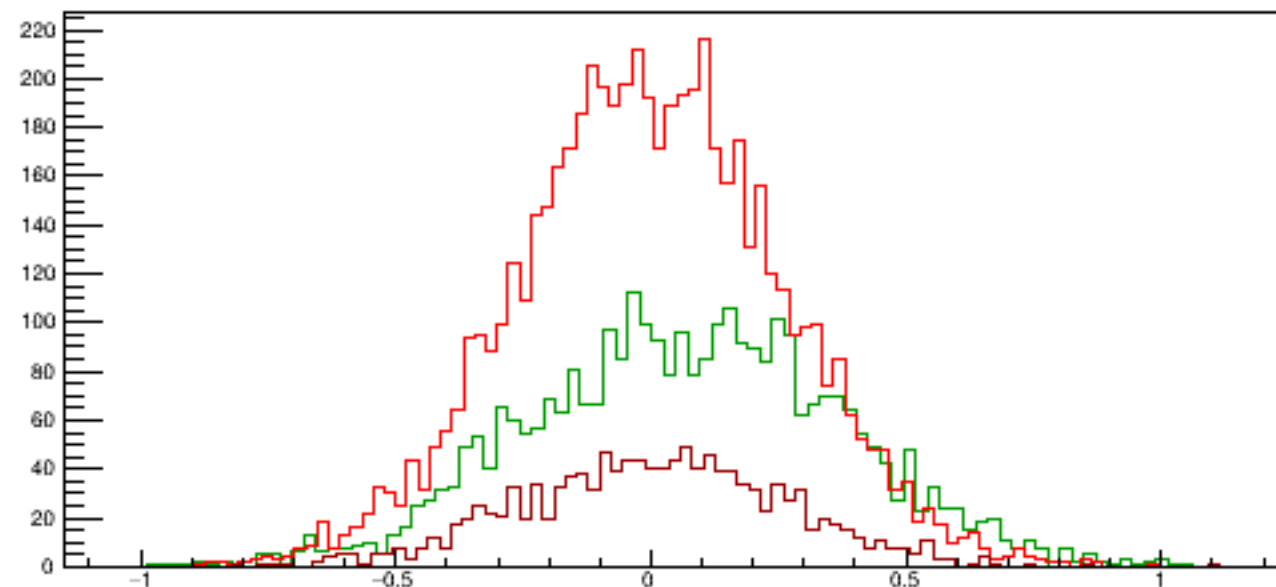
Std Dev: 0.3080 +/- 0.0038

Entries: 1256

Mean: 0.0060 +/- 0.0072

Std Dev: 0.2564 +/- 0.0051

Run 4343 quartetwise, Diffs



Cycle 6, Sums

Entries: 5911

Mean: 11.8465 +/- 0.0042

Std Dev: 0.3226 +/- 0.0030

Entries: 3220

Mean: 16.7829 +/- 0.0063

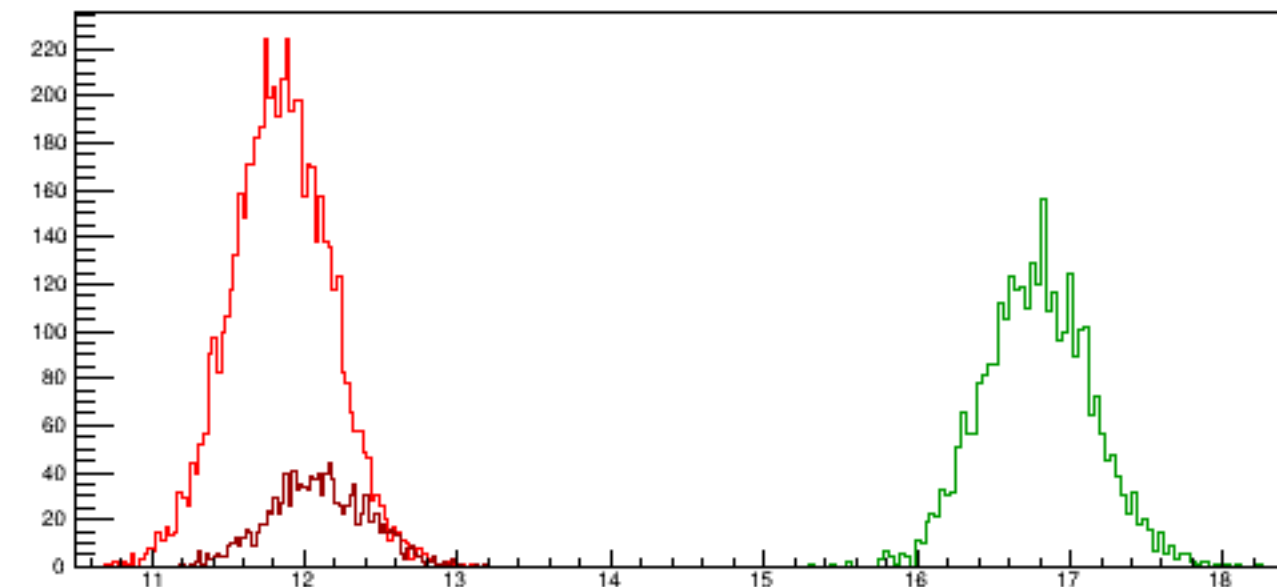
Std Dev: 0.3556 +/- 0.0044

Entries: 1256

Mean: 12.0894 +/- 0.0091

Std Dev: 0.3231 +/- 0.0064

Run 4343 quartetwise, Sums



Cycle 6, Asyms

Entries: 5911

Mean: -0.0006 +/- 0.0007

Std Dev: 0.0539 +/- 0.0005

Entries: 3220

Mean: 0.0143 +/- 0.0011

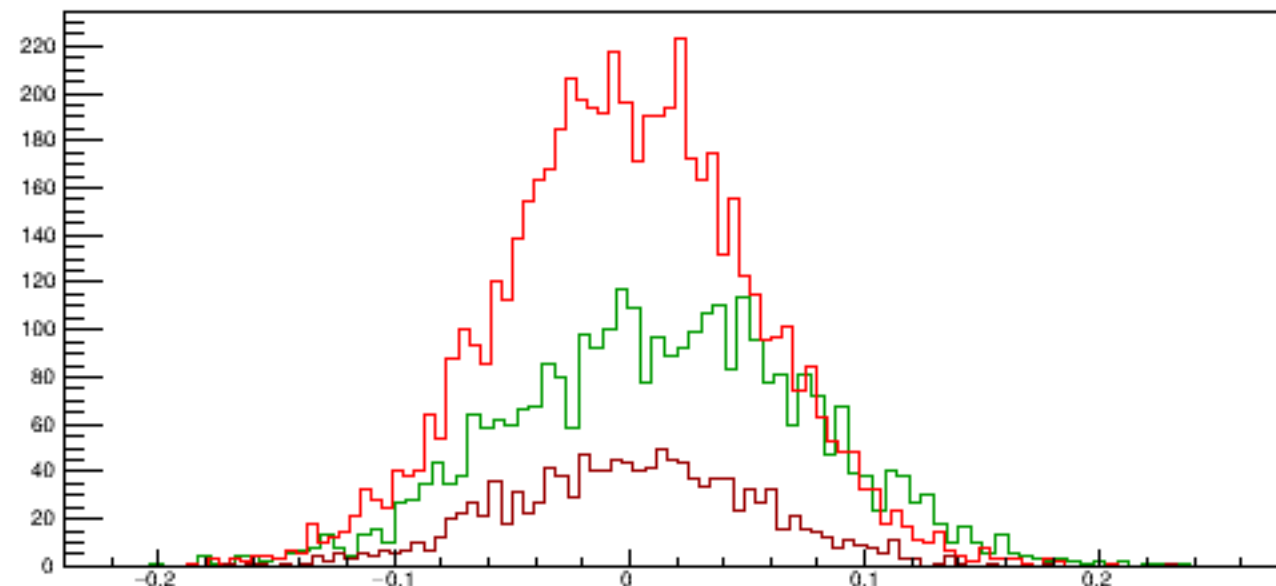
Std Dev: 0.0640 +/- 0.0008

Entries: 1256

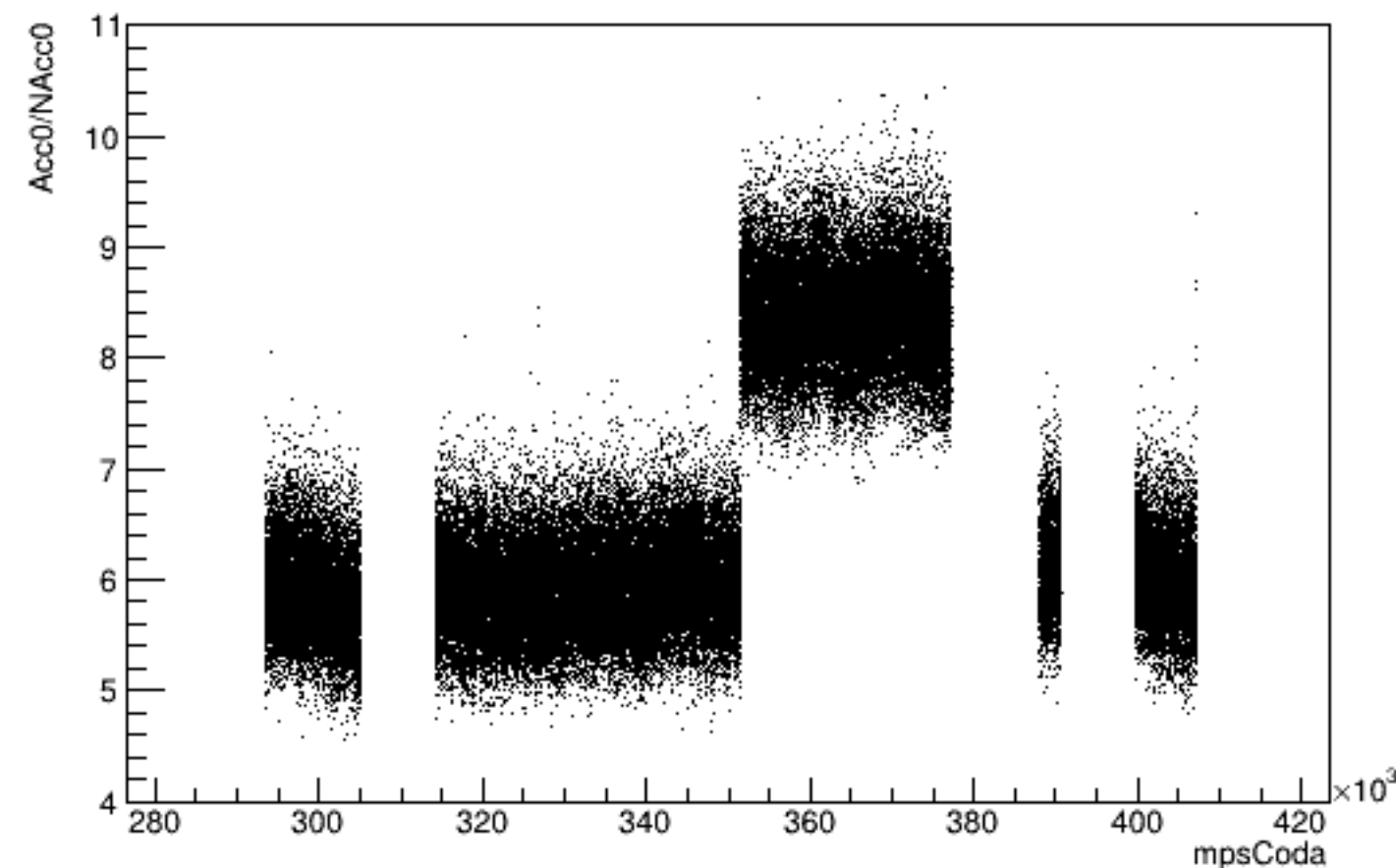
Mean: 0.0012 +/- 0.0015

Std Dev: 0.0532 +/- 0.0011

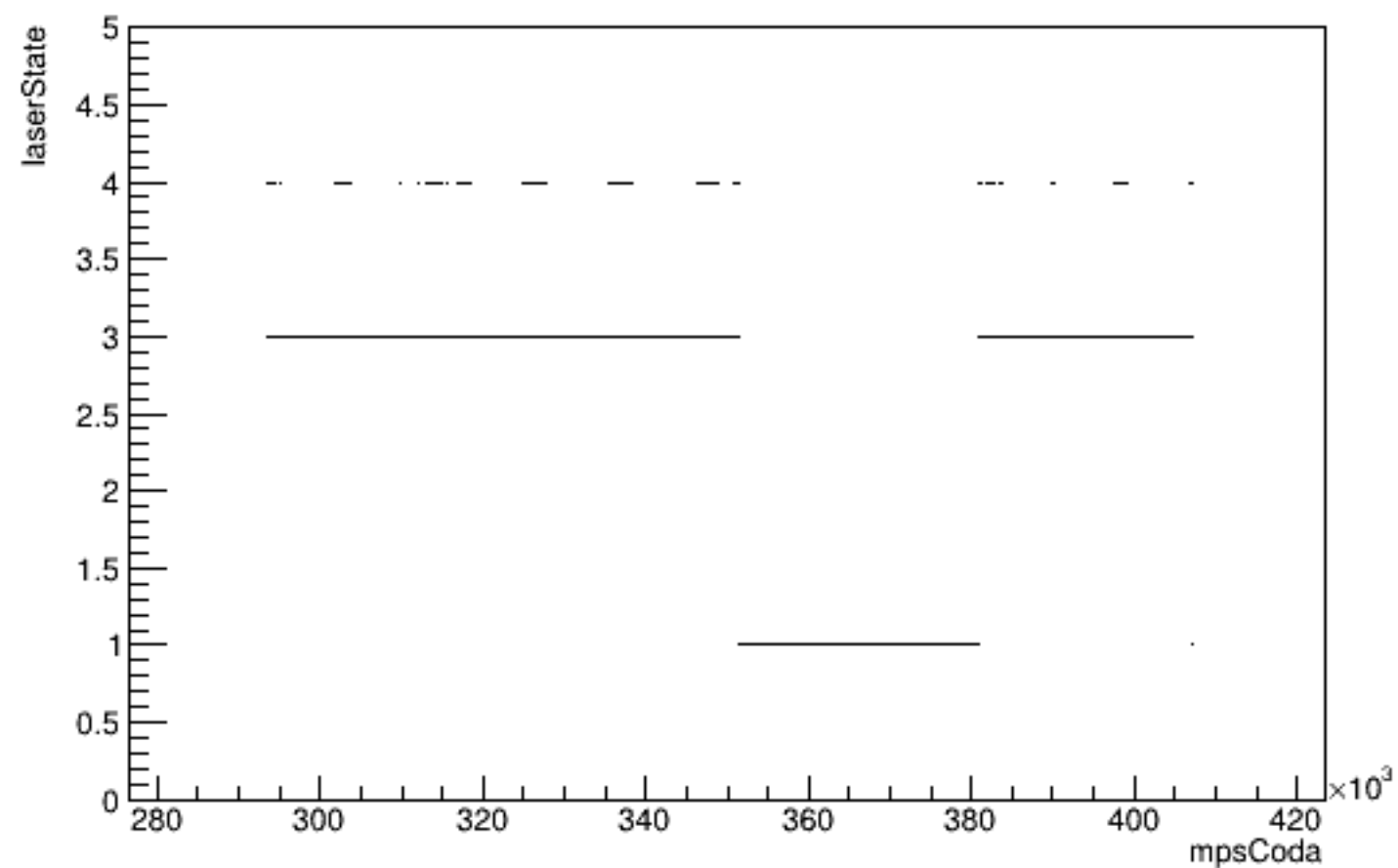
Run 4343 quartetwise, Asyms



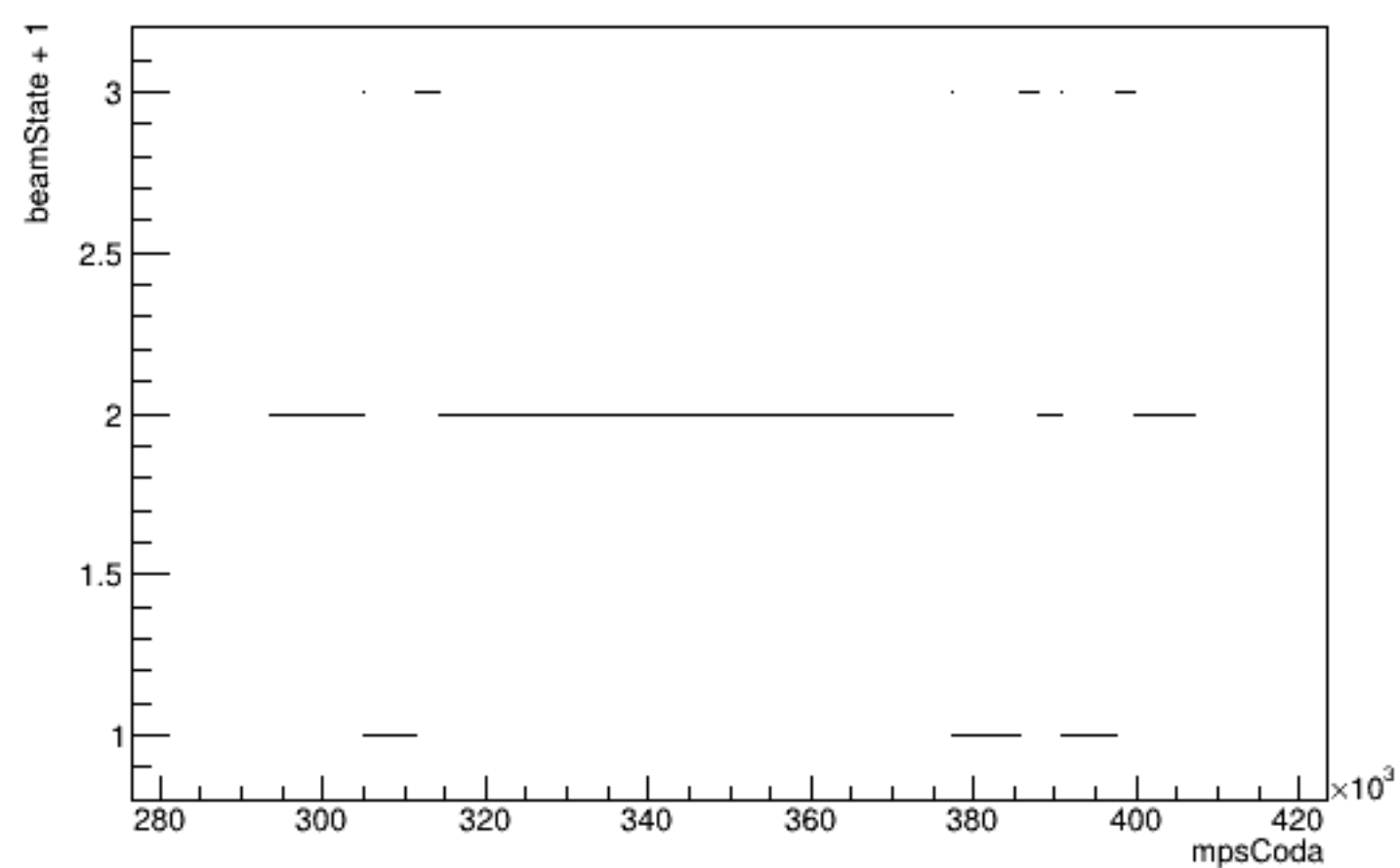
Acc0/NAcc0:mpsCoda (mpsCoda>=293495 && mpsCoda<=407246 && beamState==1)



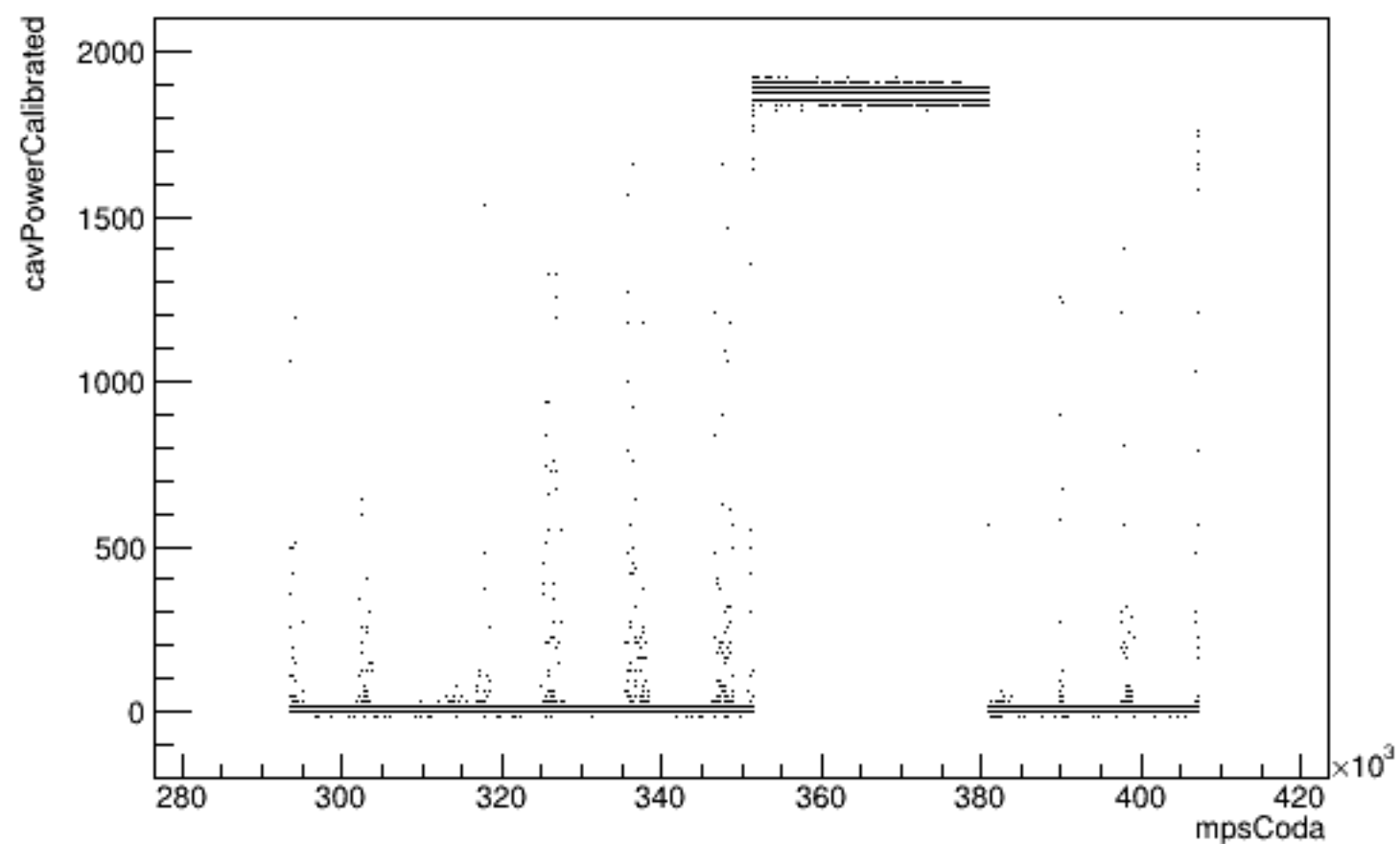
laserState:mpsCoda {mpsCoda>=293495 && mpsCoda<=407246}



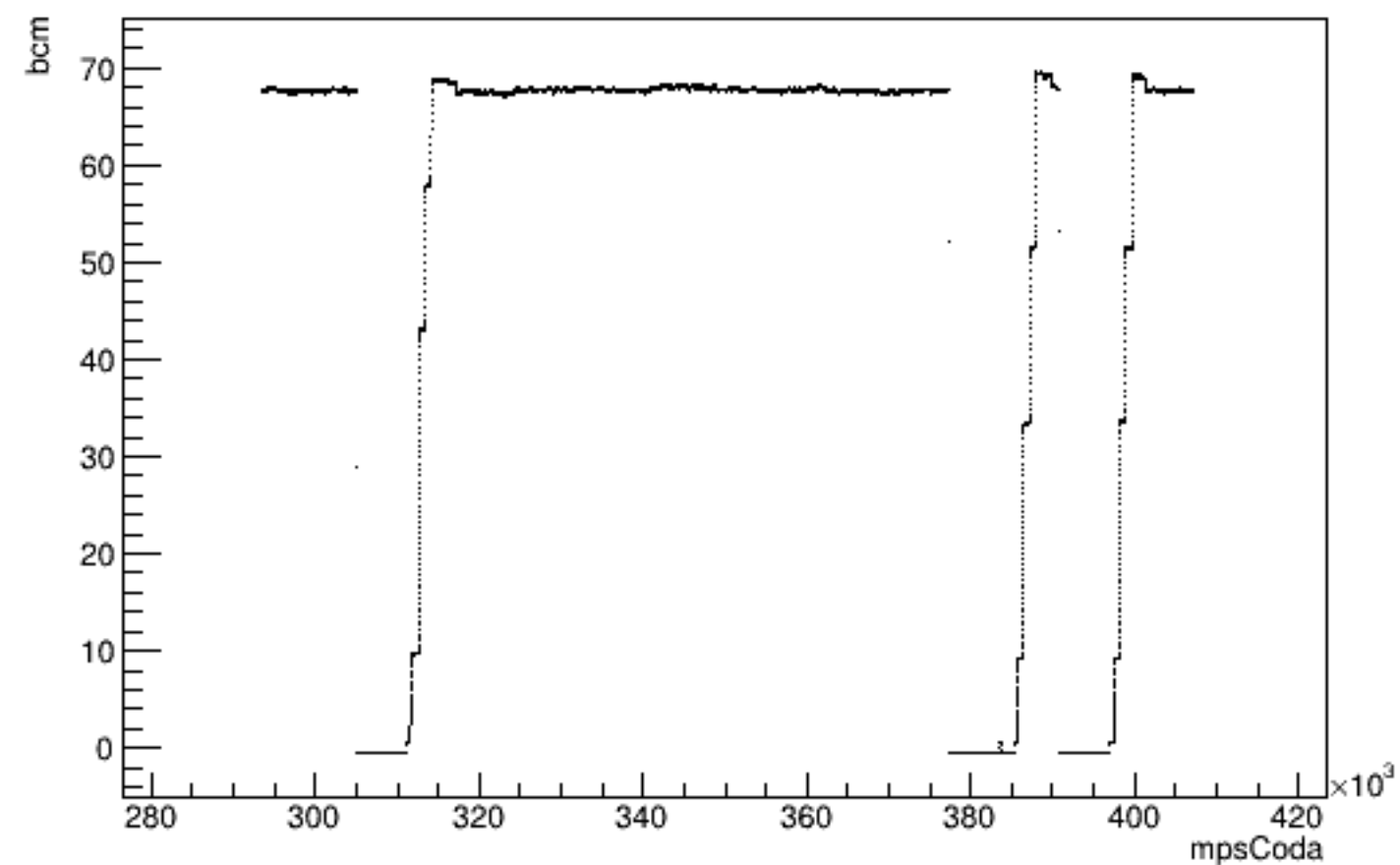
beamState + 1:mpsCoda {mpsCoda>=293495 && mpsCoda<=407246}



cavPowerCalibrated:mpsCoda {mpsCoda>=293495 && mpsCoda<=407246}



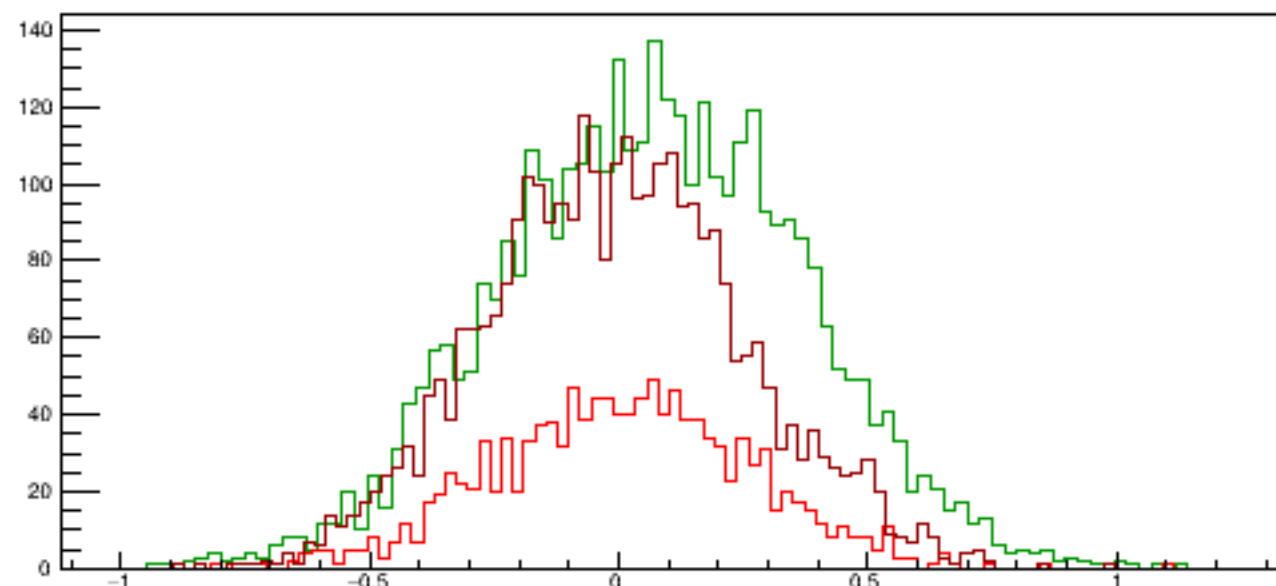
bcm:mpsCoda {mpsCoda>=293495 && mpsCoda<=407246}



Cycle 7, Diffs

Entries: 1256	Entries: 3808	Entries: 3158
Mean: 0.0060 +/- 0.0072	Mean: 0.0653 +/- 0.0049	Mean: -0.0061 +/- 0.0046
Std Dev: 0.2564 +/- 0.0051	Std Dev: 0.3029 +/- 0.0035	Std Dev: 0.2599 +/- 0.0033

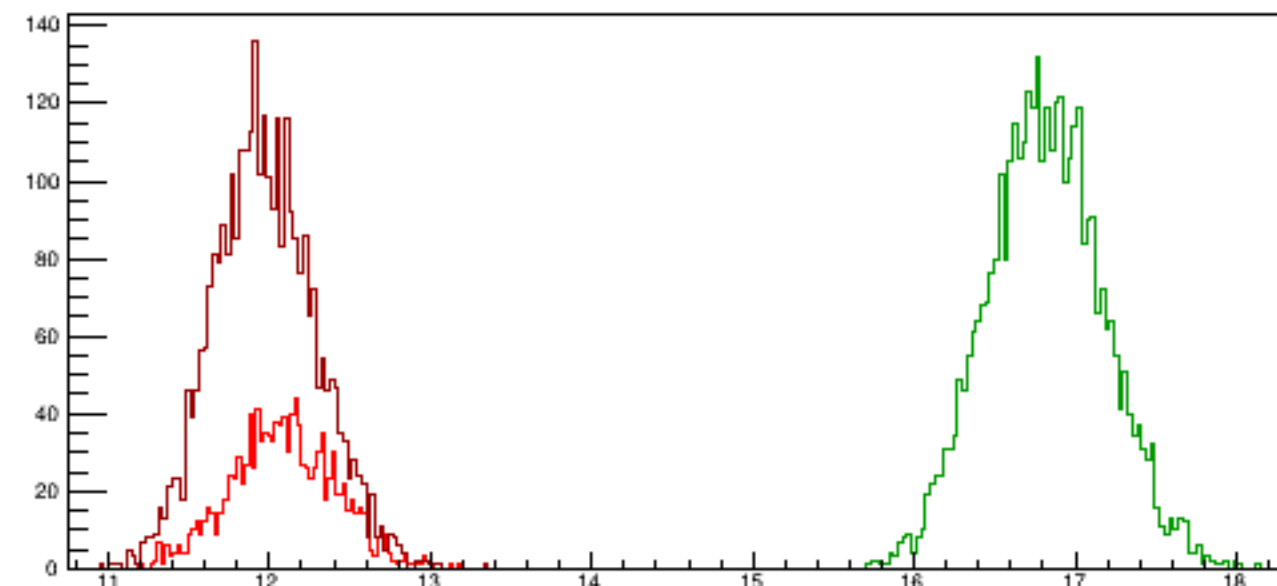
Run 4343 quartetwise, Diffs



Cycle 7, Sums

Entries: 1256	Entries: 3808	Entries: 3158
Mean: 12.0894 +/- 0.0091	Mean: 16.8136 +/- 0.0059	Mean: 11.9719 +/- 0.0057
Std Dev: 0.3231 +/- 0.0064	Std Dev: 0.3614 +/- 0.0041	Std Dev: 0.3177 +/- 0.0040

Run 4343 quartetwise, Sums

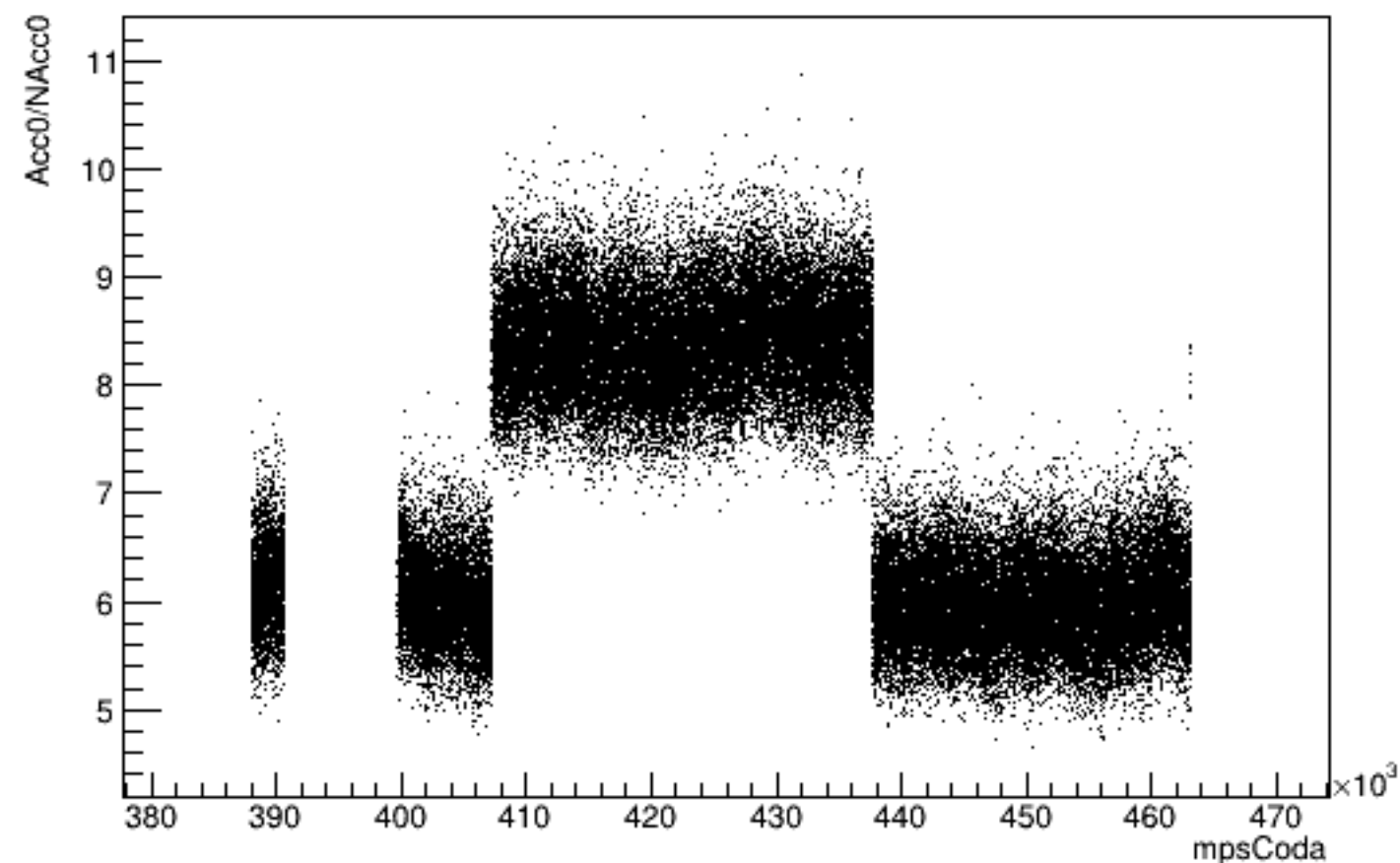
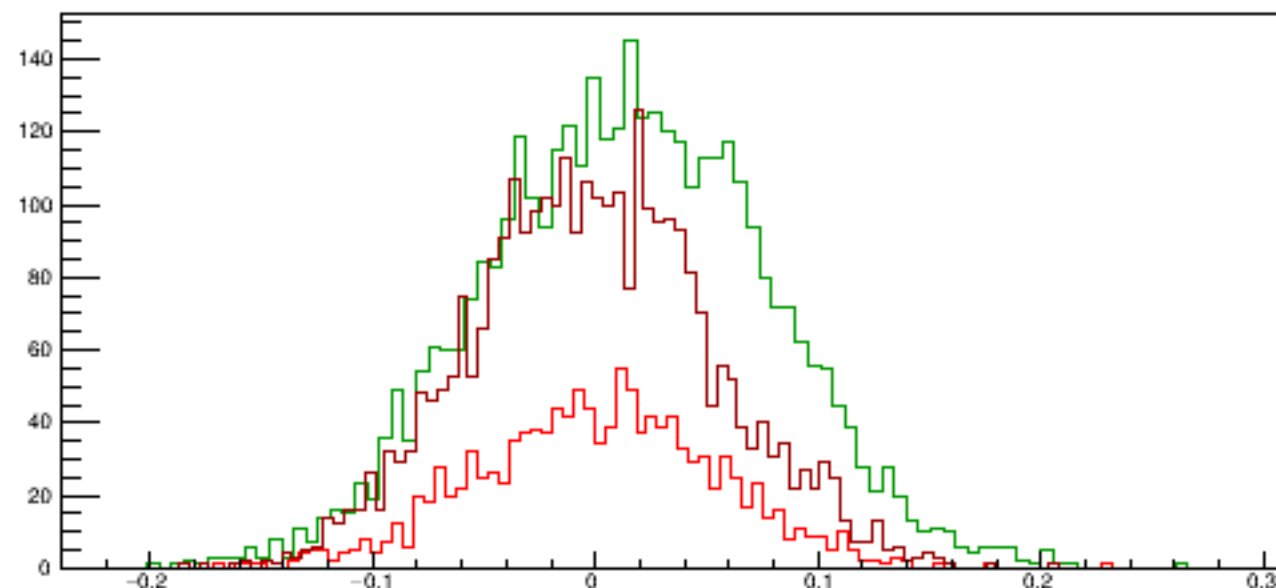


Acc0/NAcc0:mpsCoda (mpsCoda>=380911 && mpsCoda<=463158 && beamState==1)

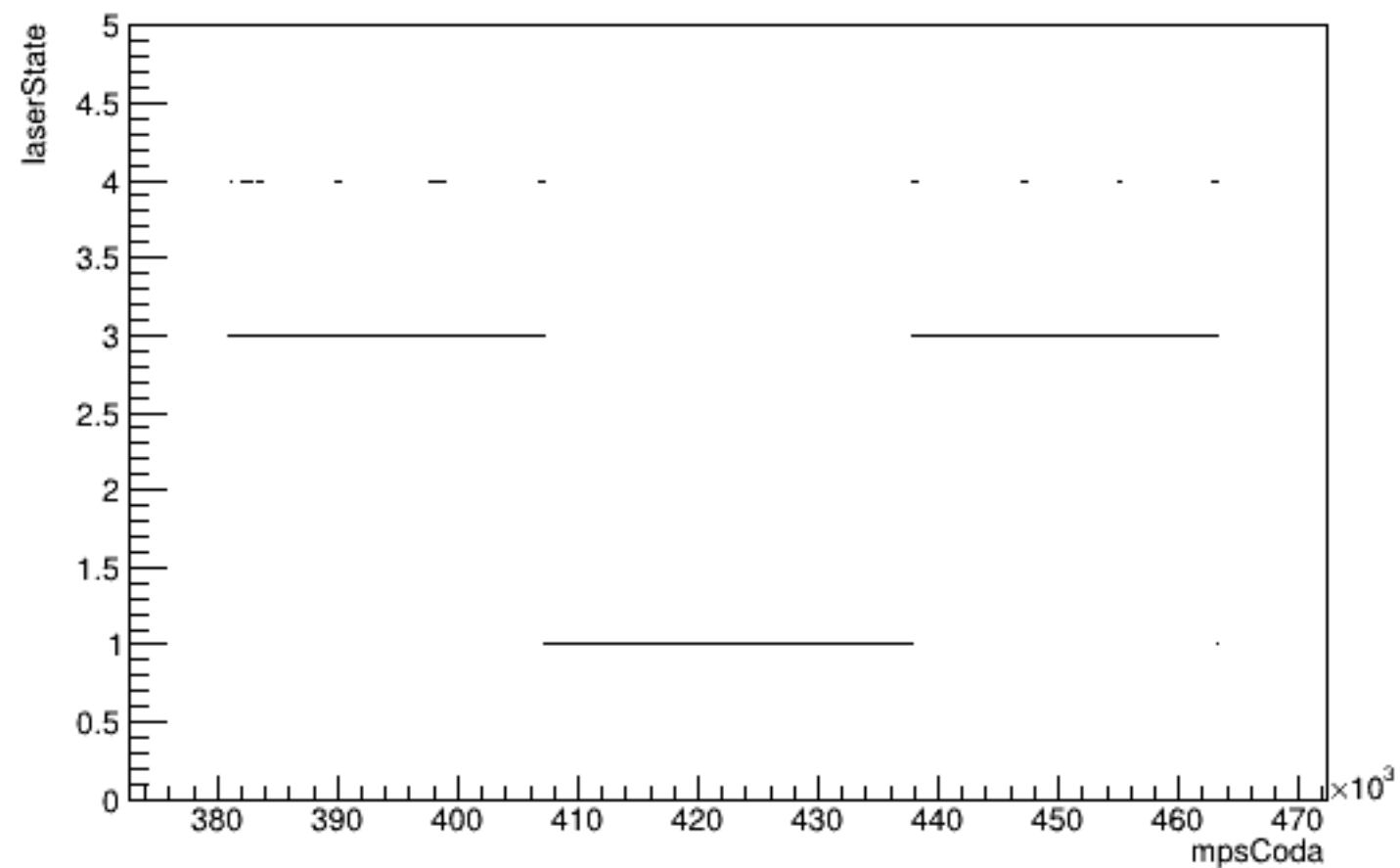
Cycle 7, Asyms

Entries: 1256	Entries: 3808	Entries: 3158
Mean: 0.0012 +/- 0.0015	Mean: 0.0138 +/- 0.0010	Mean: -0.0013 +/- 0.0010
Std Dev: 0.0536 +/- 0.0011	Std Dev: 0.0636 +/- 0.0007	Std Dev: 0.0543 +/- 0.0007

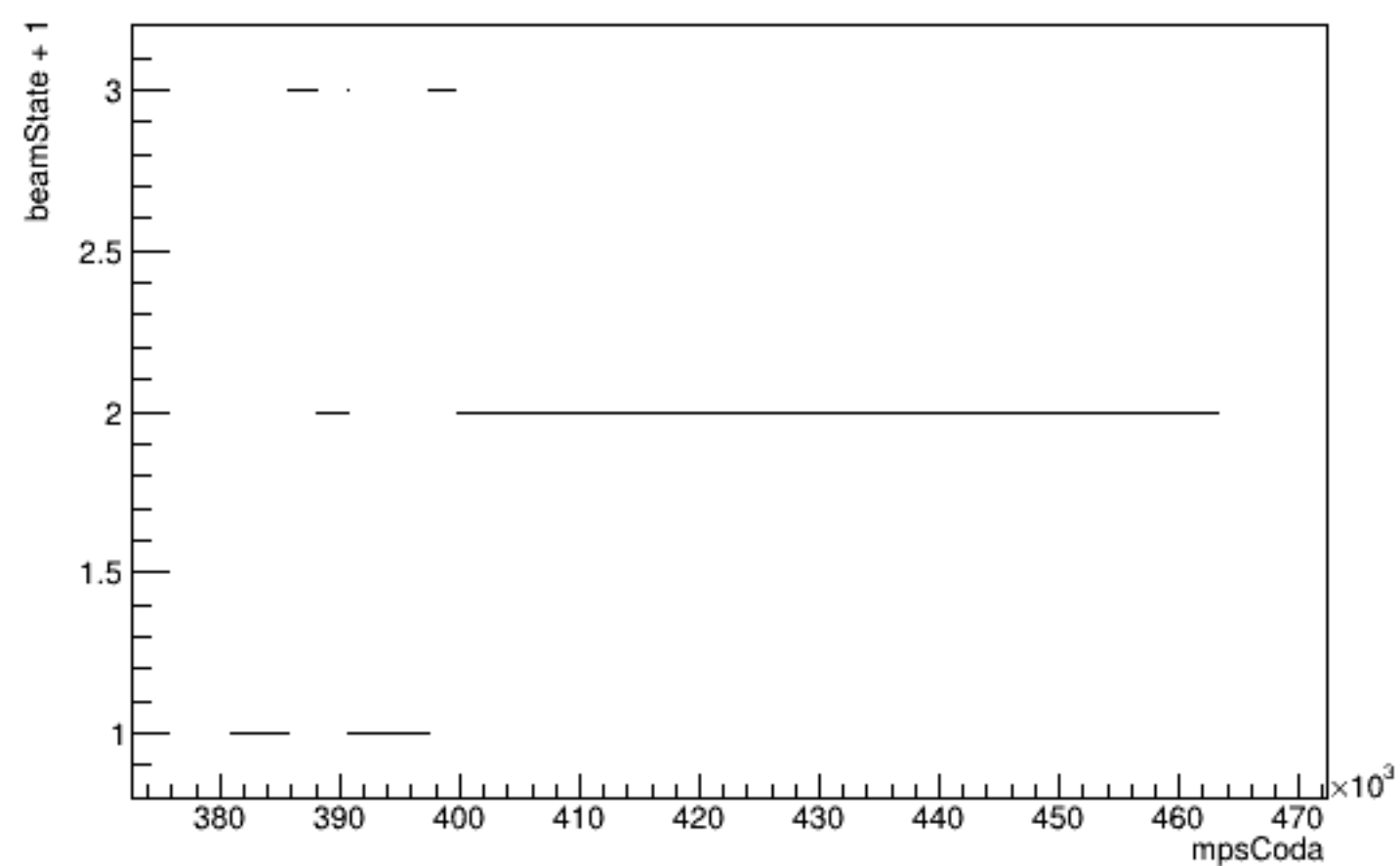
Run 4343 quartetwise, Asyms



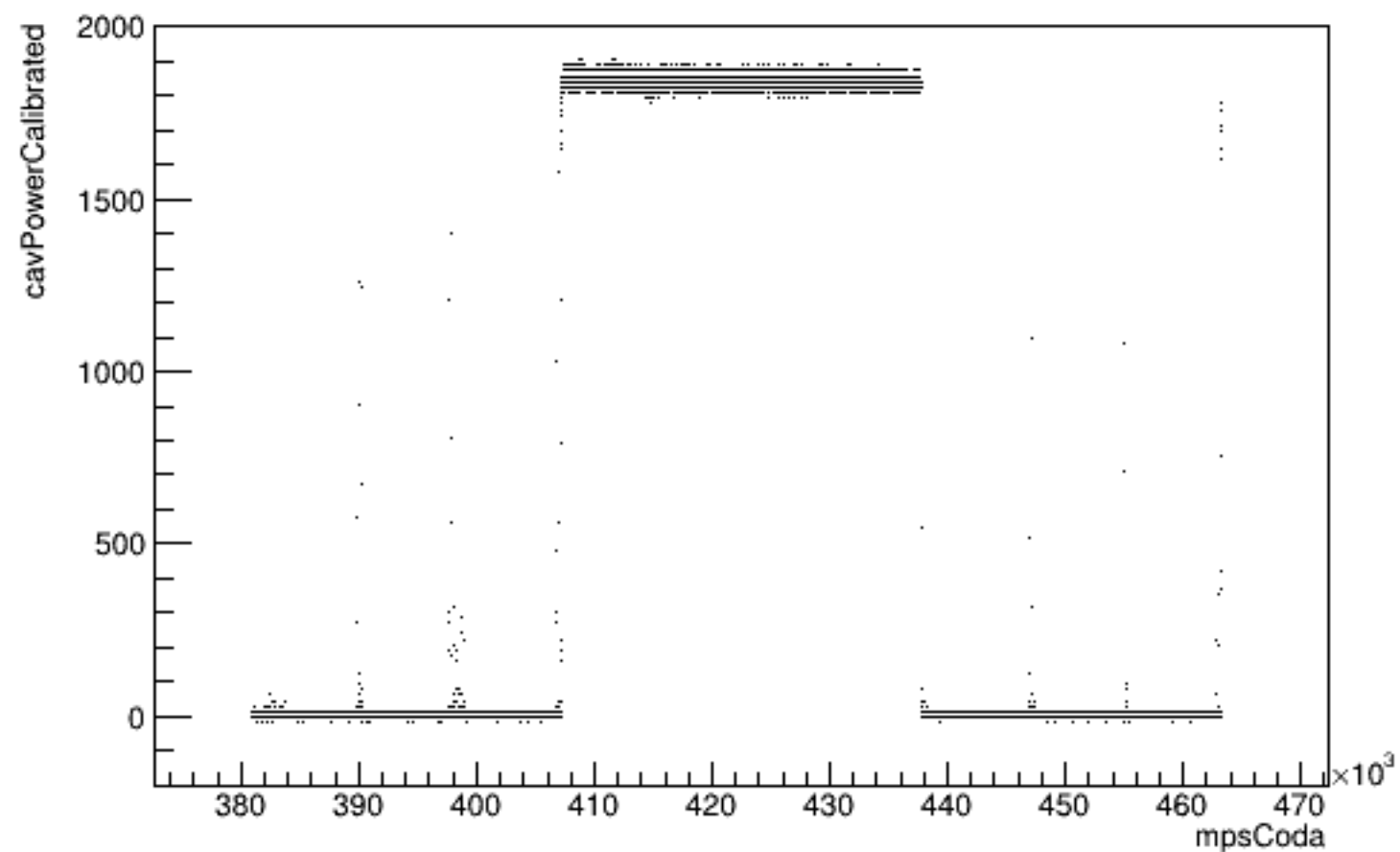
laserState:mpsCoda {mpsCoda>=380911 && mpsCoda<=463158}



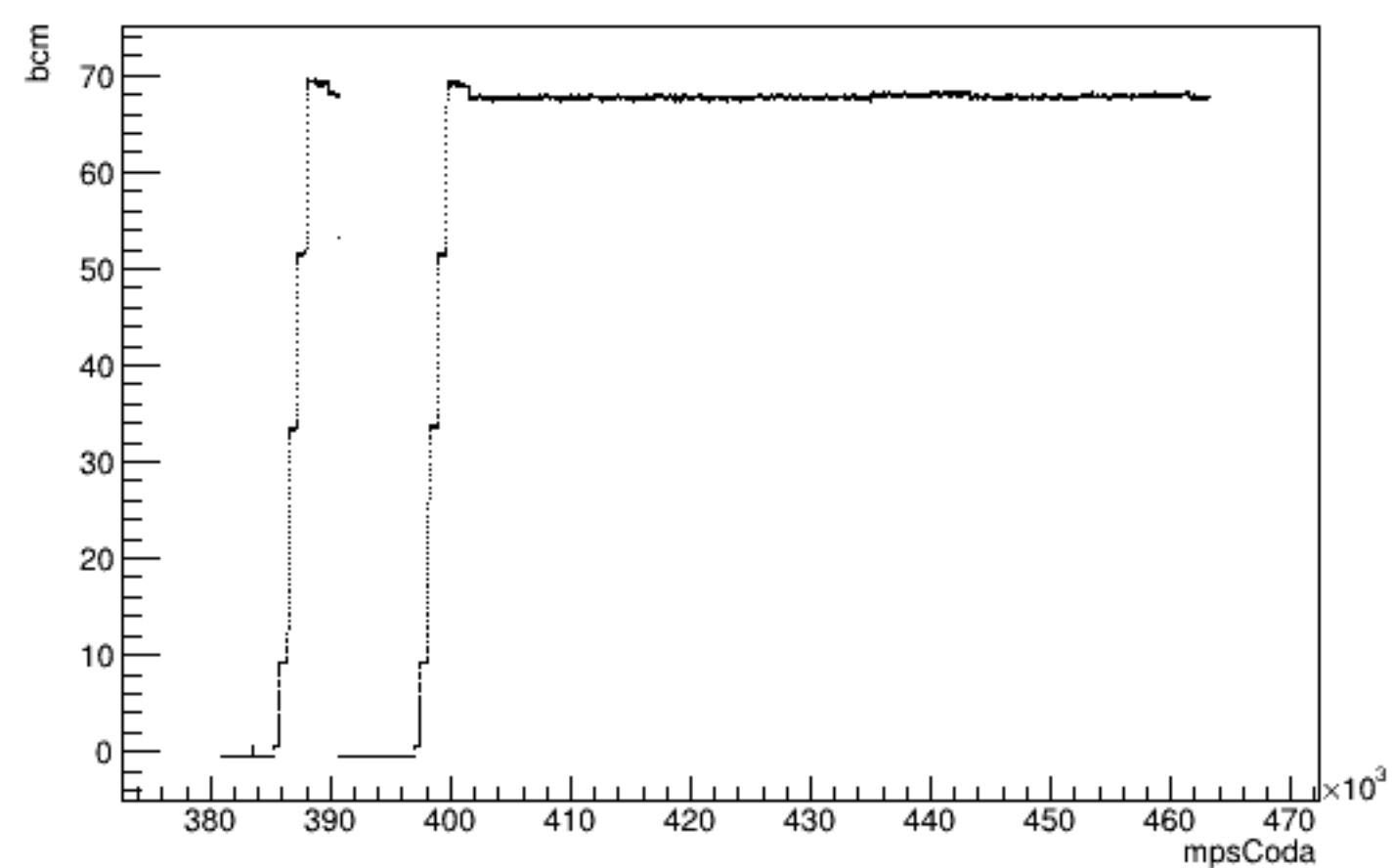
beamState + 1:mpsCoda {mpsCoda>=380911 && mpsCoda<=463158}



cavPowerCalibrated:mpsCoda {mpsCoda>=380911 && mpsCoda<=463158}



bcm:mpsCoda {mpsCoda>=380911 && mpsCoda<=463158}



Cycle 8, Diffs

Entries: 3158

Mean: -0.0061 +/- 0.0046

Std Dev: 0.2599 +/- 0.0033

Entries: 3740

Mean: 0.0687 +/- 0.0050

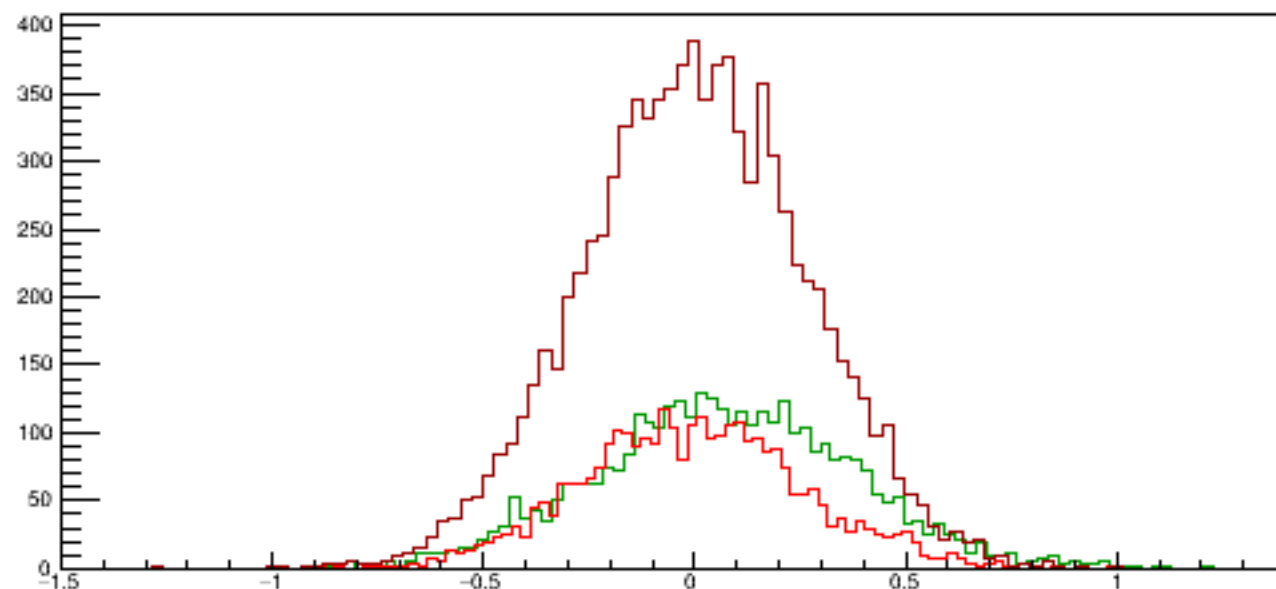
Std Dev: 0.3051 +/- 0.0035

Entries: 9100

Mean: 0.0005 +/- 0.0028

Std Dev: 0.2641 +/- 0.0020

Run 4343 quartetwise, Diffs



Cycle 8, Sums

Entries: 3158

Mean: 11.9719 +/- 0.0057

Std Dev: 0.3177 +/- 0.0040

Entries: 3740

Mean: 17.0306 +/- 0.0059

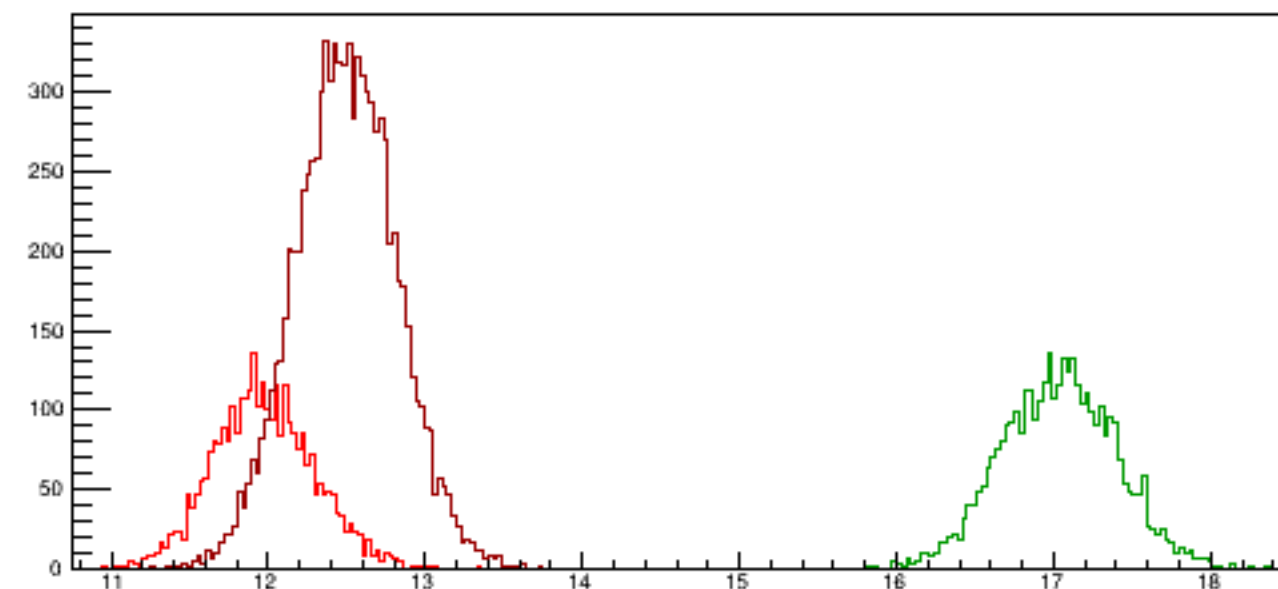
Std Dev: 0.3607 +/- 0.0042

Entries: 9100

Mean: 12.4936 +/- 0.0034

Std Dev: 0.3227 +/- 0.0024

Run 4343 quartetwise, Sums



Cycle 8, Asyms

Entries: 3158

Mean: -0.0013 +/- 0.0010

Std Dev: 0.0542 +/- 0.0007

Entries: 3740

Mean: 0.0145 +/- 0.0010

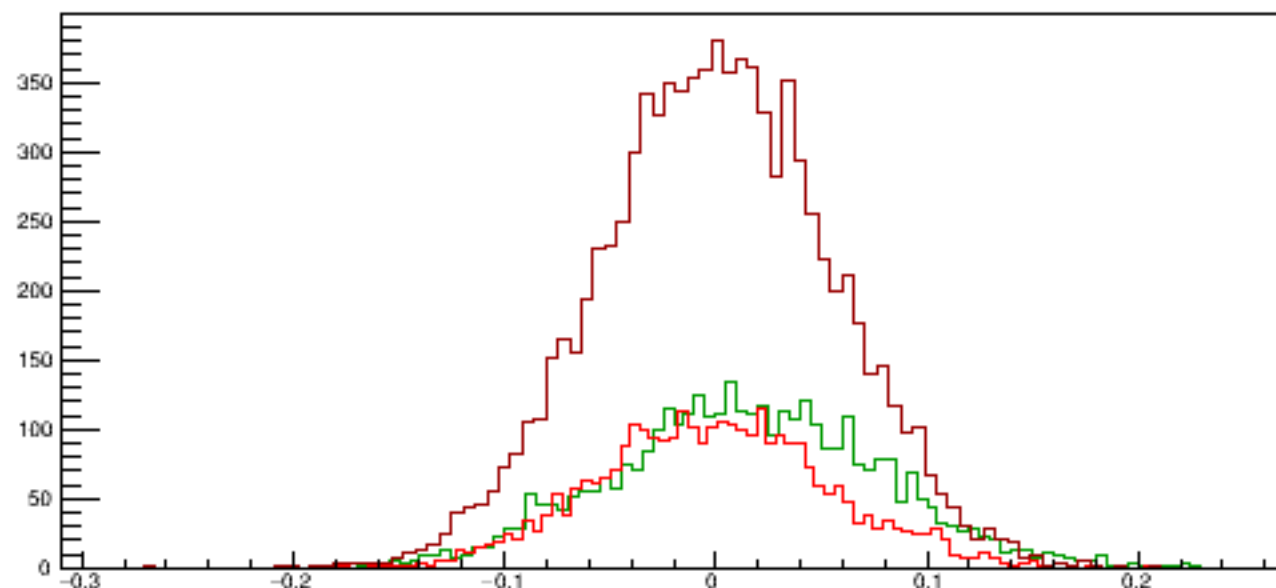
Std Dev: 0.0637 +/- 0.0007

Entries: 9100

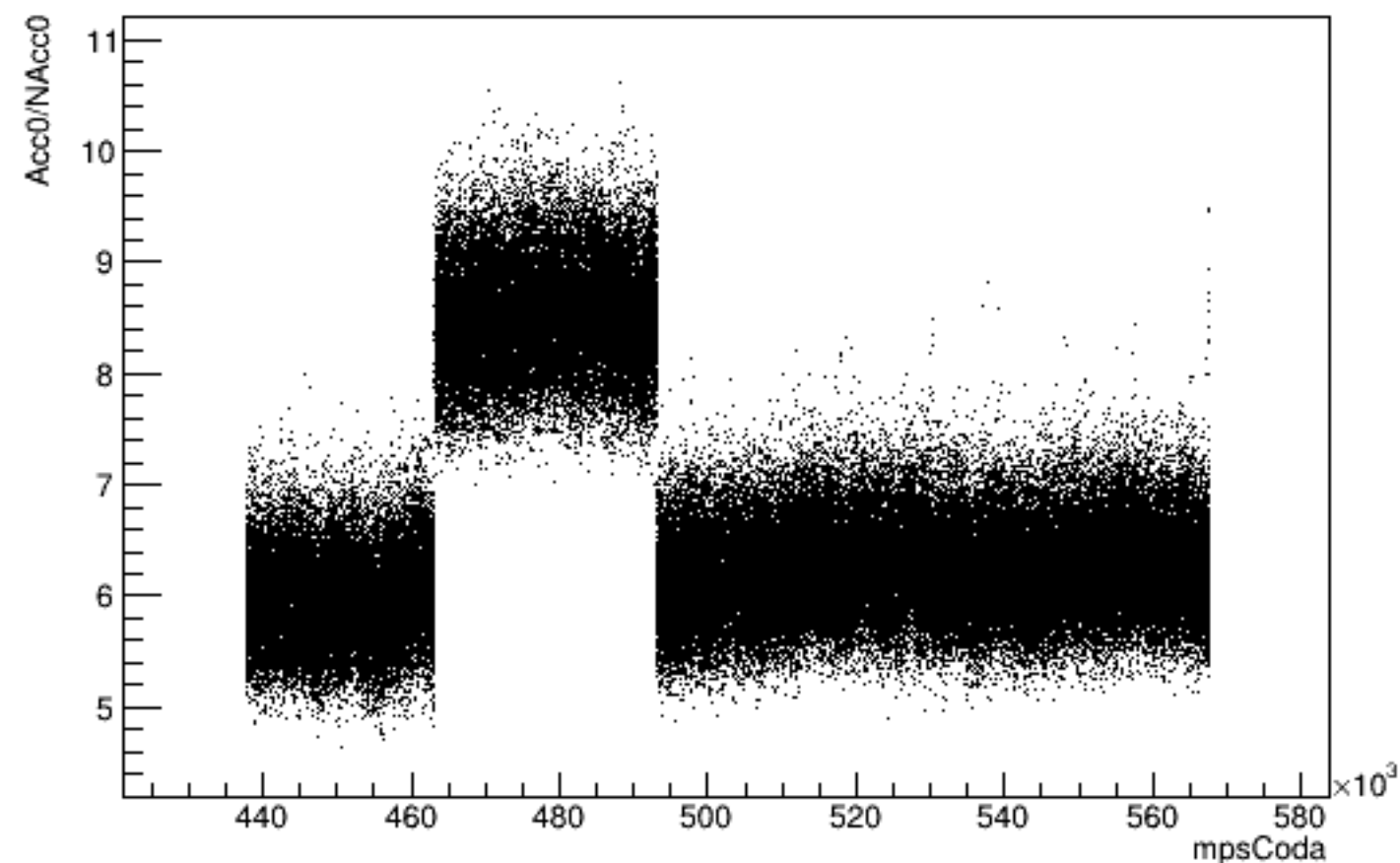
Mean: 0.0001 +/- 0.0006

Std Dev: 0.0551 +/- 0.0004

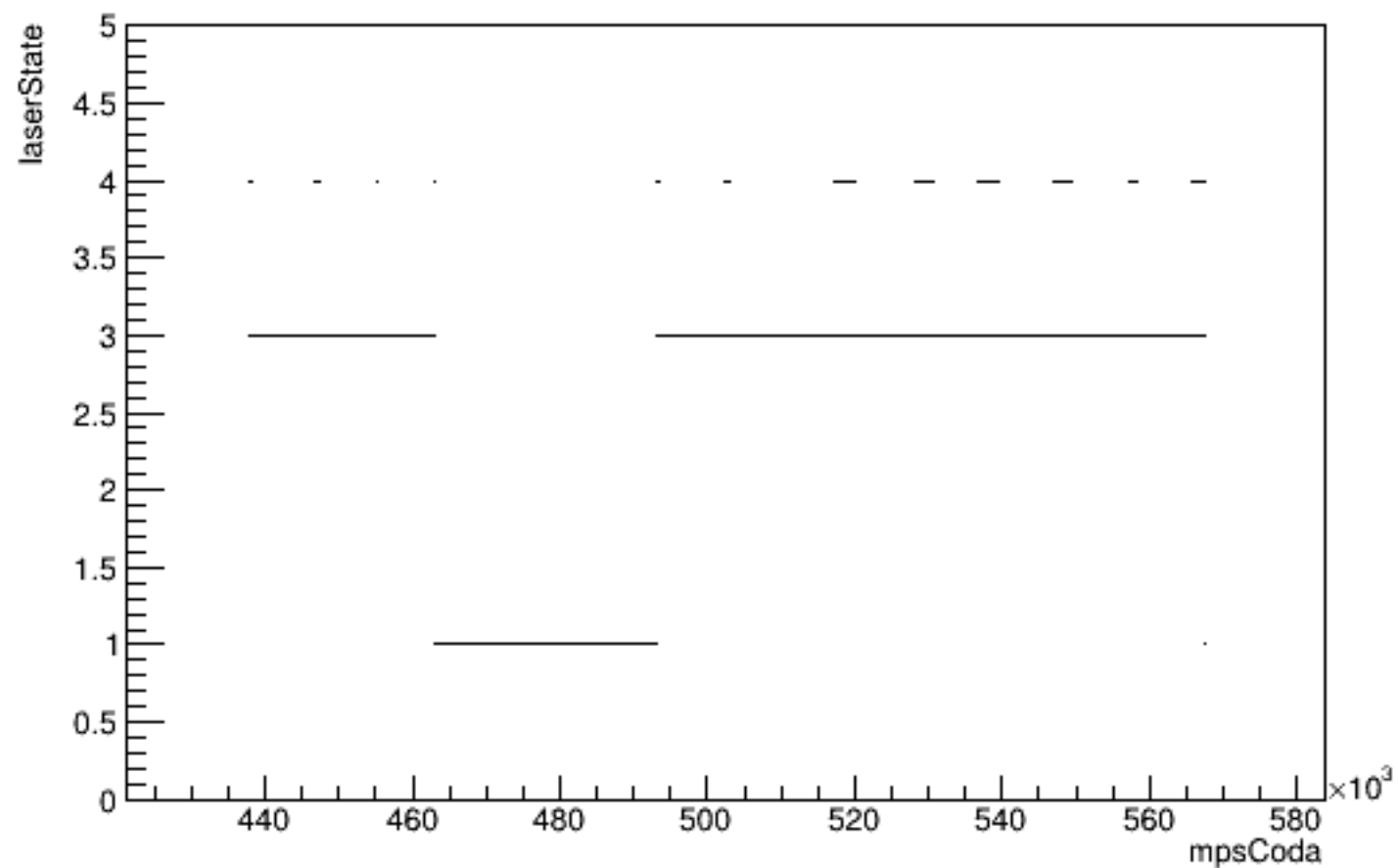
Run 4343 quartetwise, Asyms



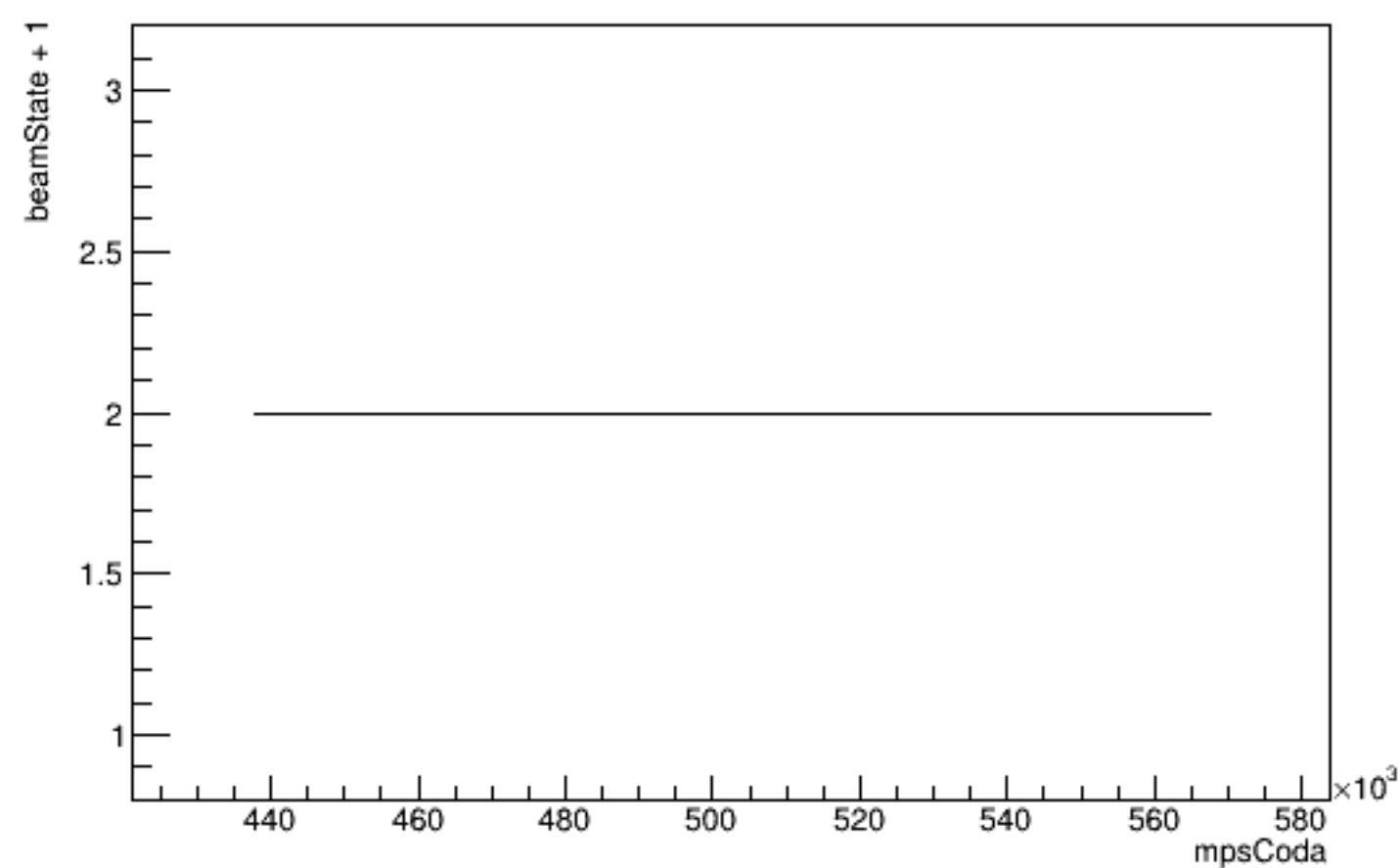
Acc0/NAcc0:mpsCoda (mpsCoda>=437719 && mpsCoda<=567694 && beamState==1)



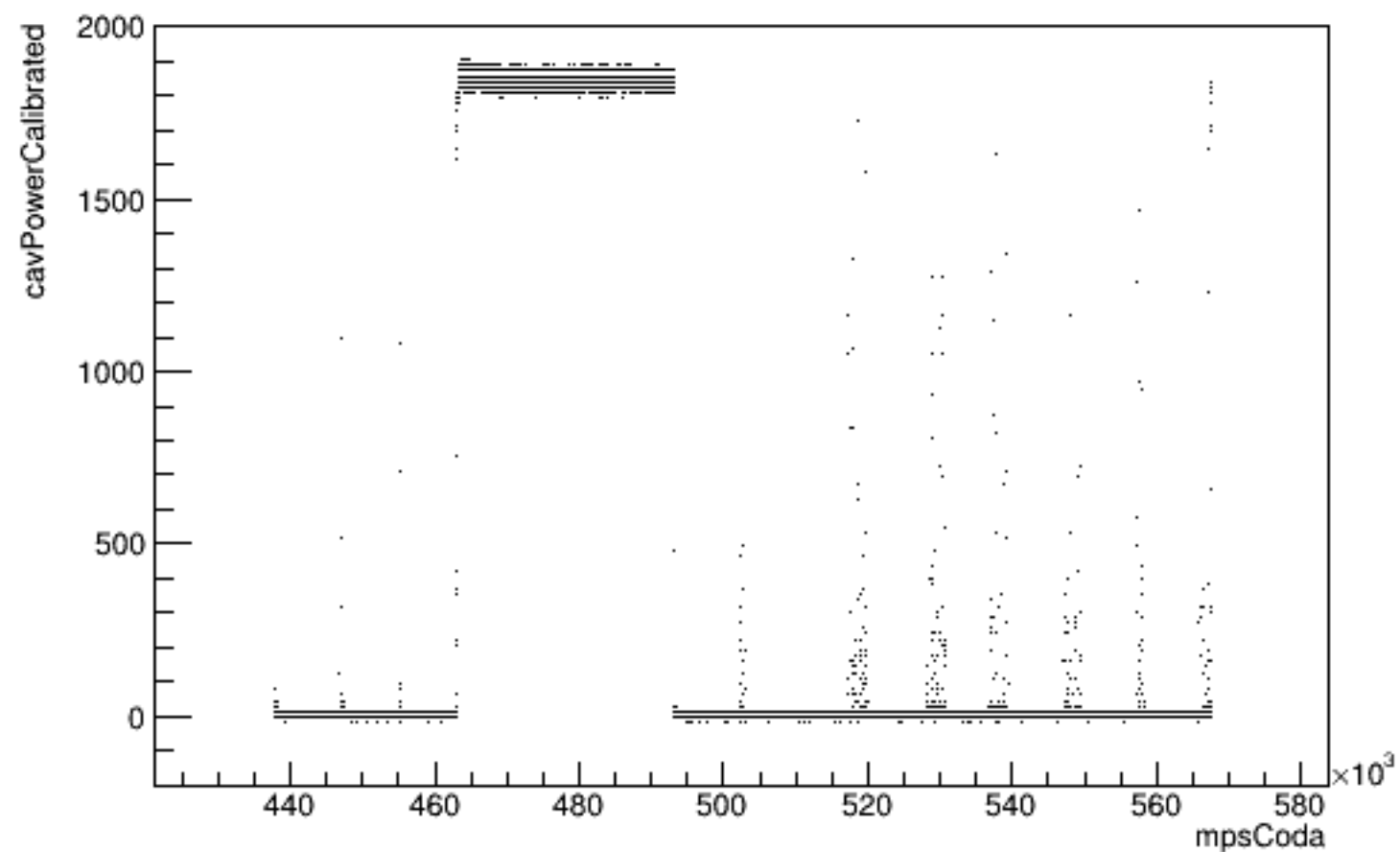
laserState:mpsCoda {mpsCoda>=437719 && mpsCoda<=567694}



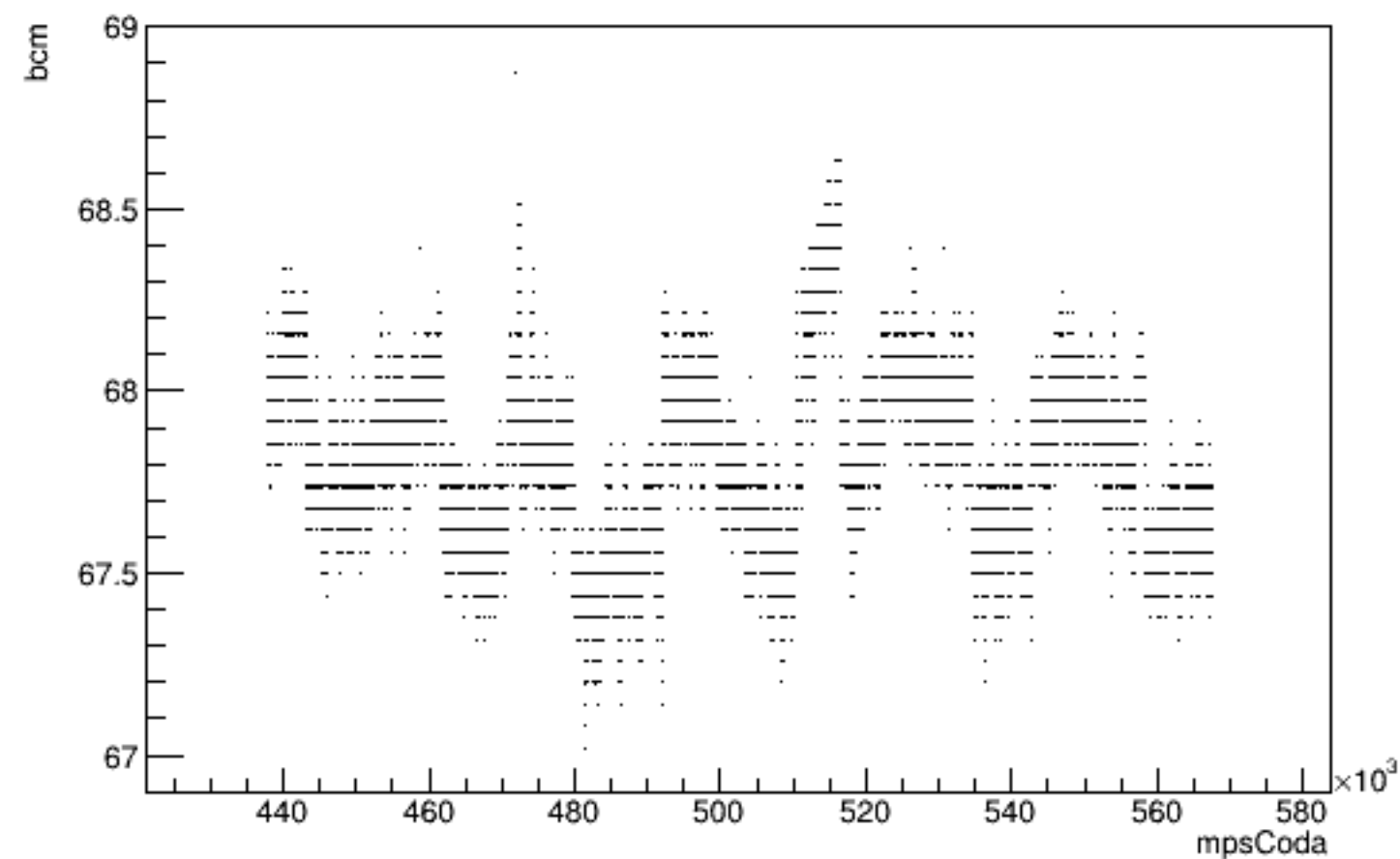
beamState + 1:mpsCoda {mpsCoda>=437719 && mpsCoda<=567694}



cavPowerCalibrated:mpsCoda {mpsCoda>=437719 && mpsCoda<=567694}



bcm:mpsCoda {mpsCoda>=437719 && mpsCoda<=567694}



Cycle 9, Diffs

Entries: 9100

Mean: 0.0005 +/- 0.0028

Std Dev: 0.2641 +/- 0.0020

Entries: 3642

Mean: 0.0772 +/- 0.0051

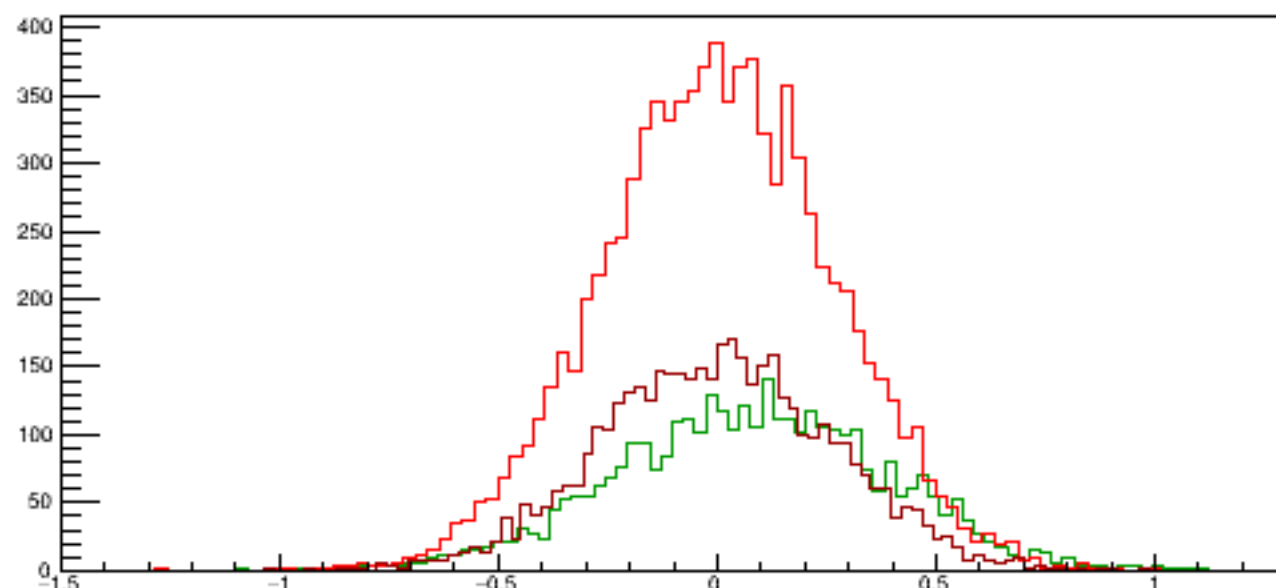
Std Dev: 0.3103 +/- 0.0036

Entries: 4420

Mean: 0.0011 +/- 0.0040

Std Dev: 0.2632 +/- 0.0028

Run 4343 quartetwise, Diffs



Cycle 9, Sums

Entries: 9100

Mean: 12.4936 +/- 0.0034

Std Dev: 0.3227 +/- 0.0024

Entries: 3642

Mean: 17.5030 +/- 0.0059

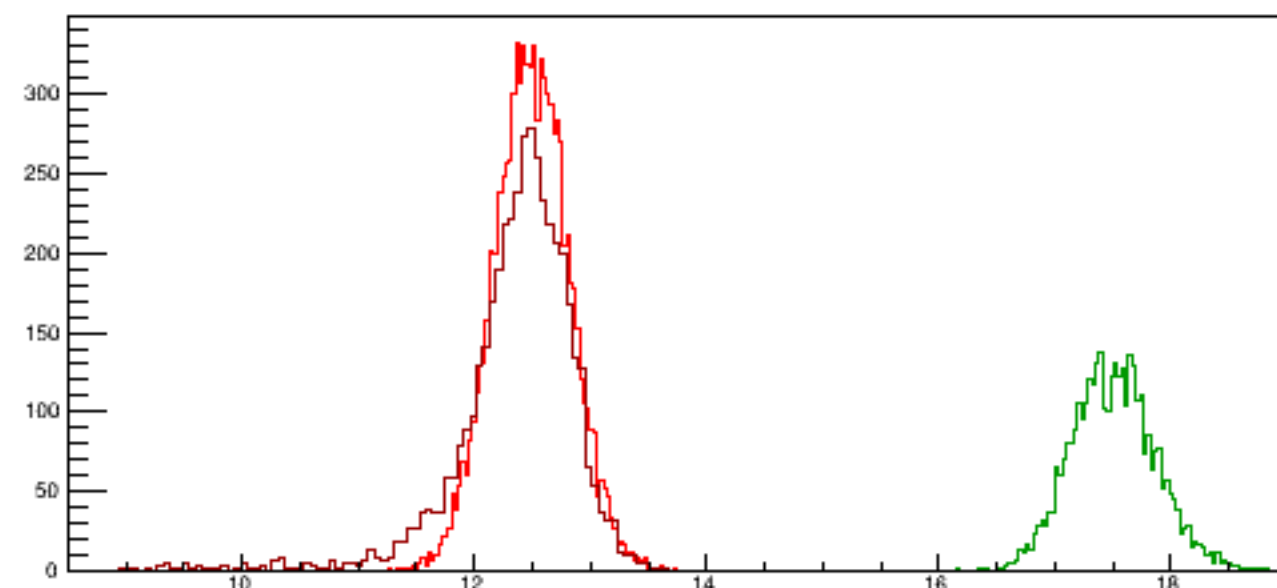
Std Dev: 0.3581 +/- 0.0042

Entries: 4420

Mean: 12.3626 +/- 0.0078

Std Dev: 0.5152 +/- 0.0055

Run 4343 quartetwise, Sums



Acc0/NAcc0:mpsCoda (mpsCoda>=493087 && mpsCoda<=632702 && beamState==1)

Cycle 9, Asyms

Entries: 9100

Mean: 0.0001 +/- 0.0005

Std Dev: 0.0520 +/- 0.0004

Entries: 3642

Mean: 0.0153 +/- 0.0010

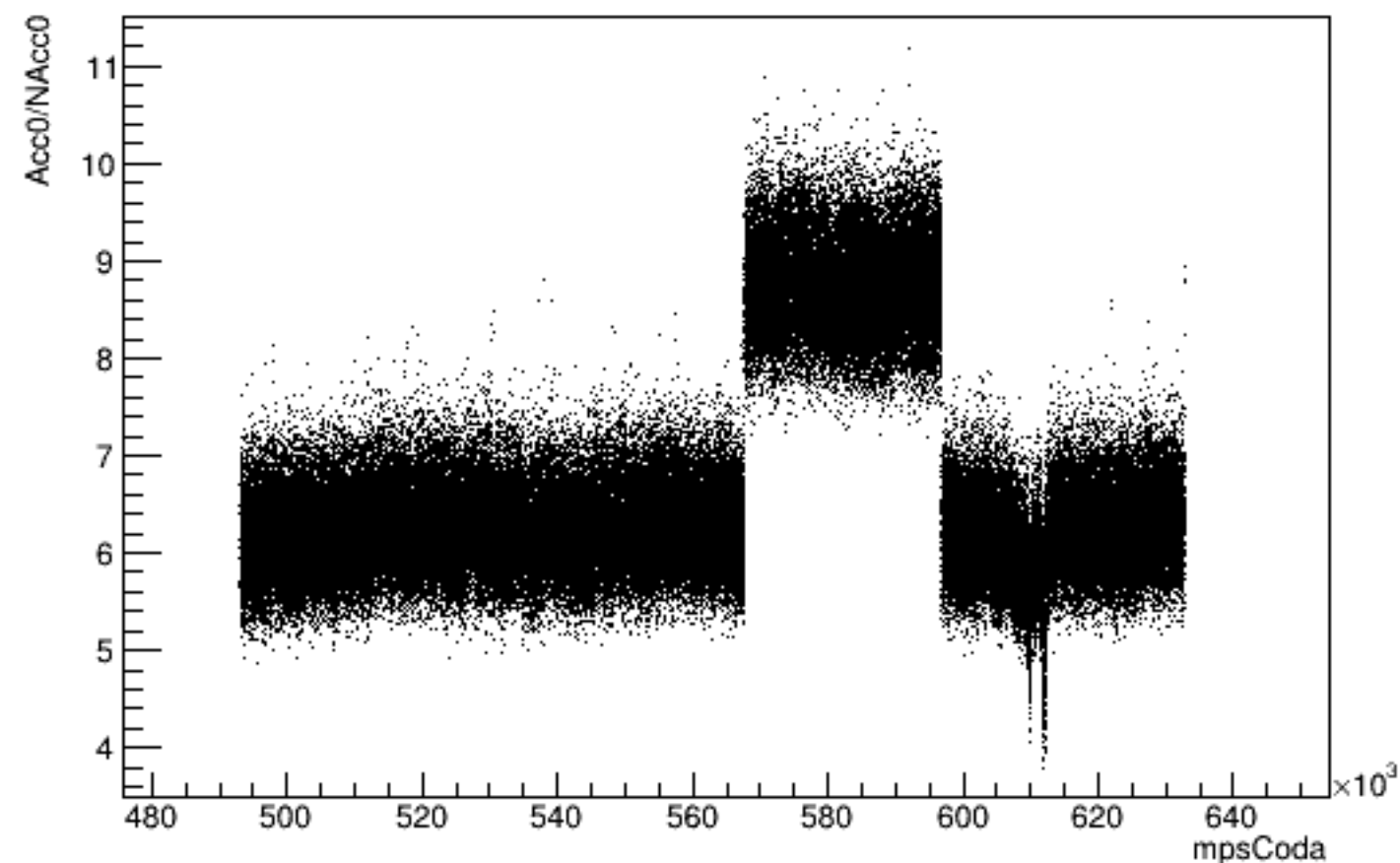
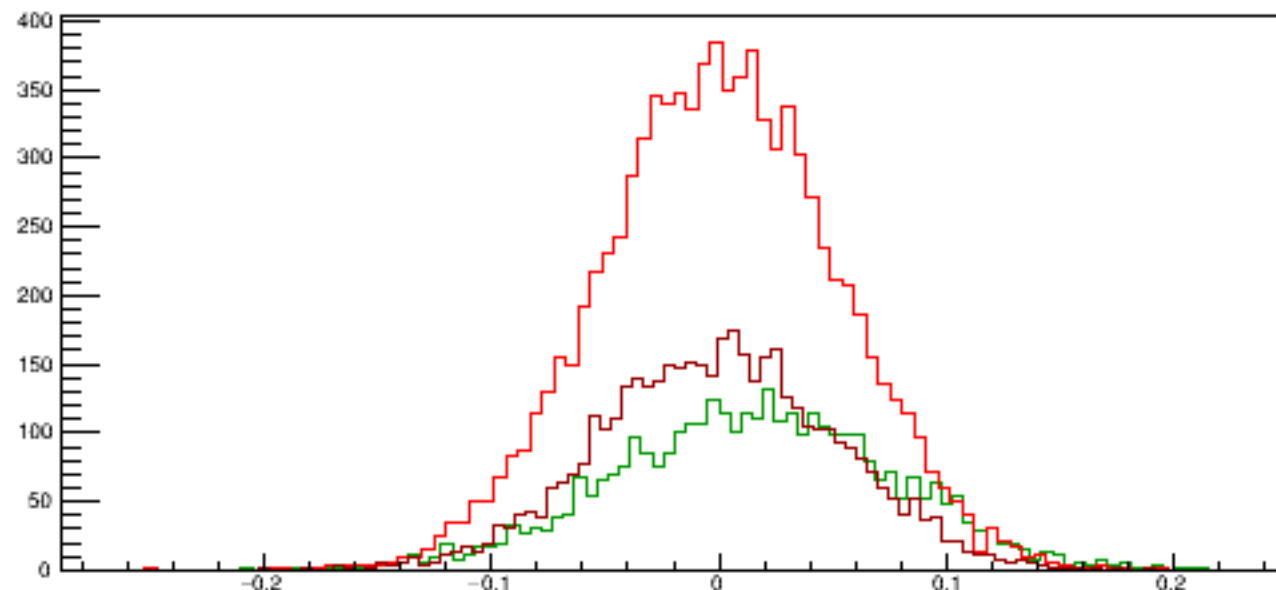
Std Dev: 0.0612 +/- 0.0007

Entries: 4420

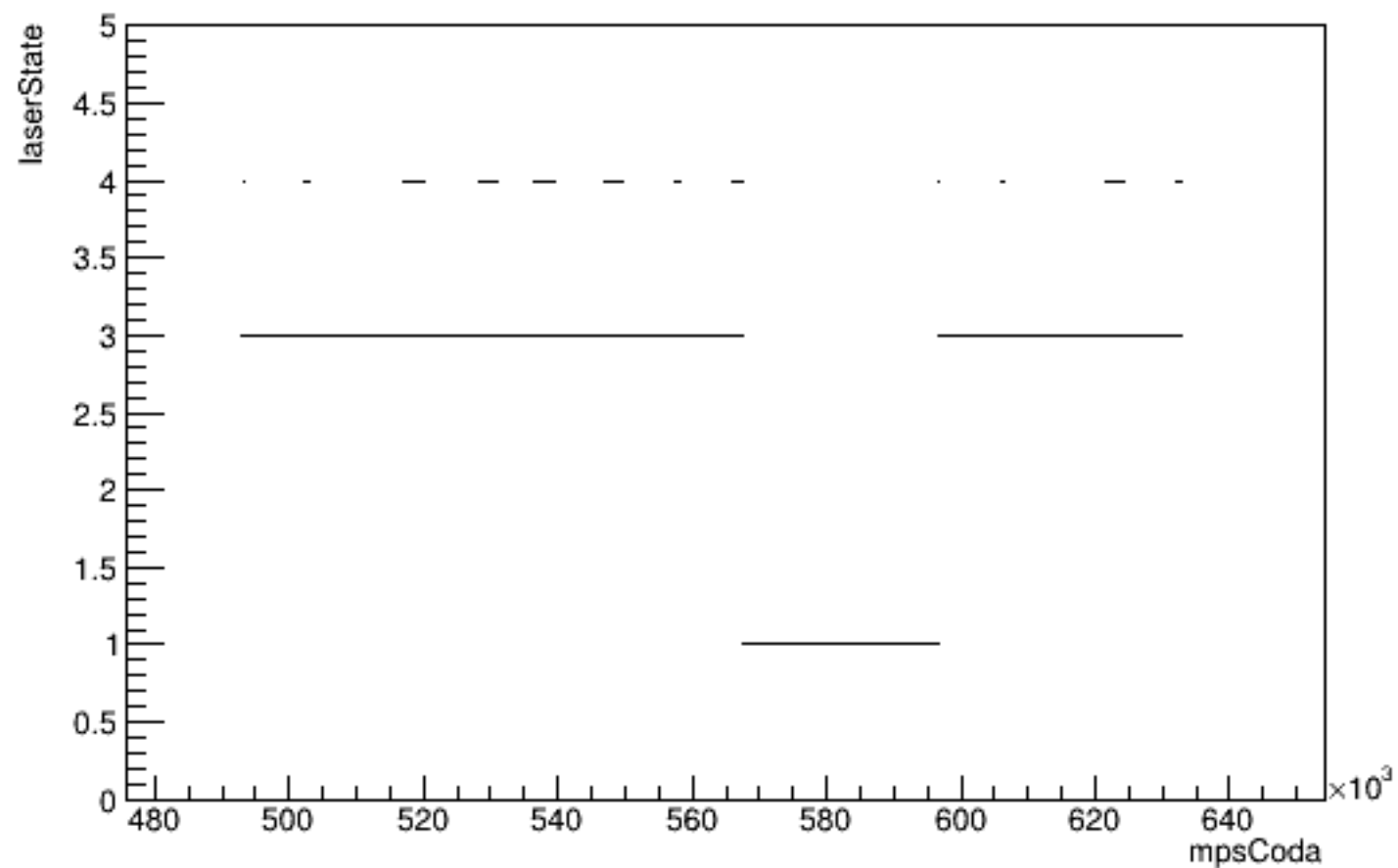
Mean: 0.0002 +/- 0.0008

Std Dev: 0.0519 +/- 0.0006

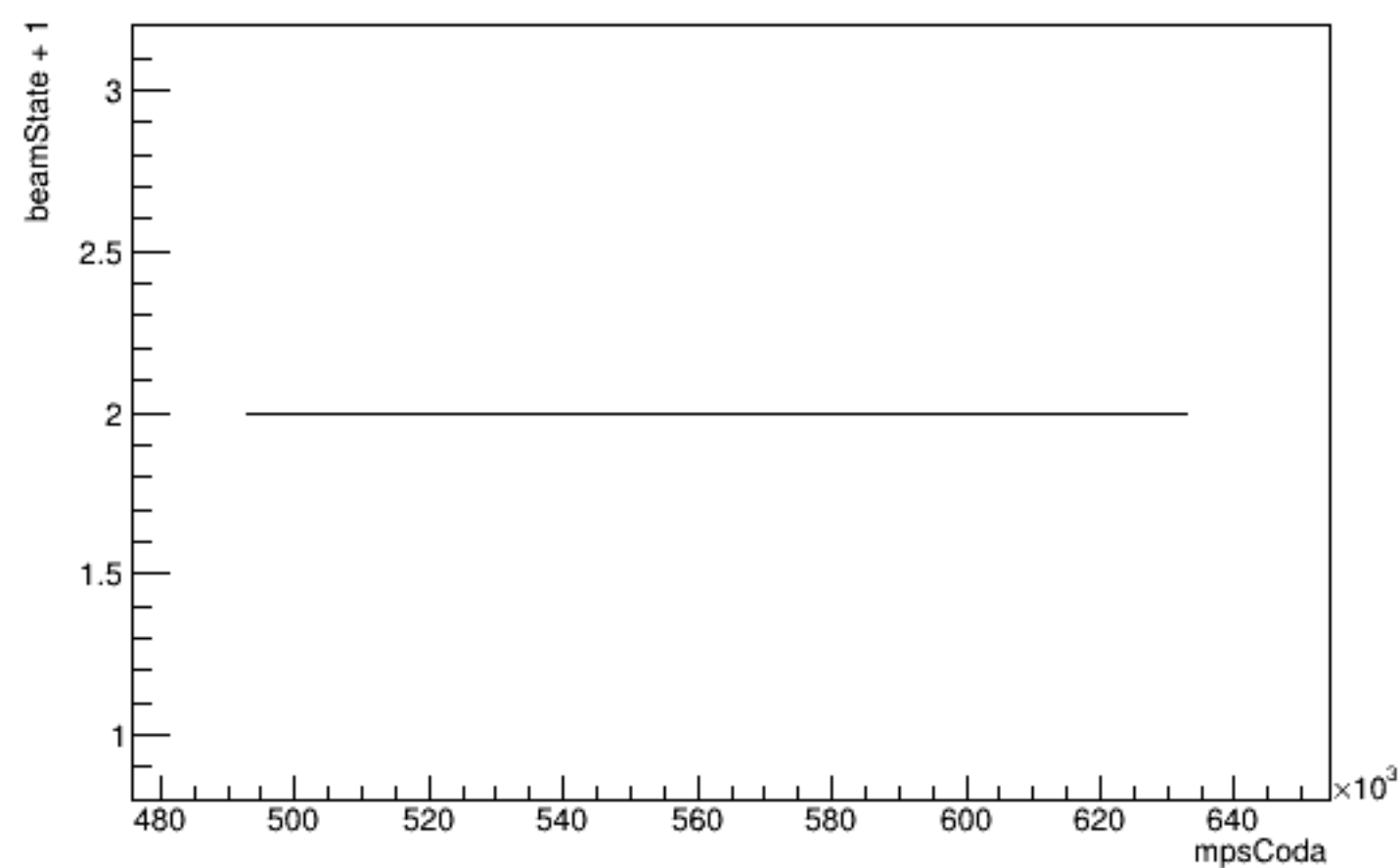
Run 4343 quartetwise, Asyms



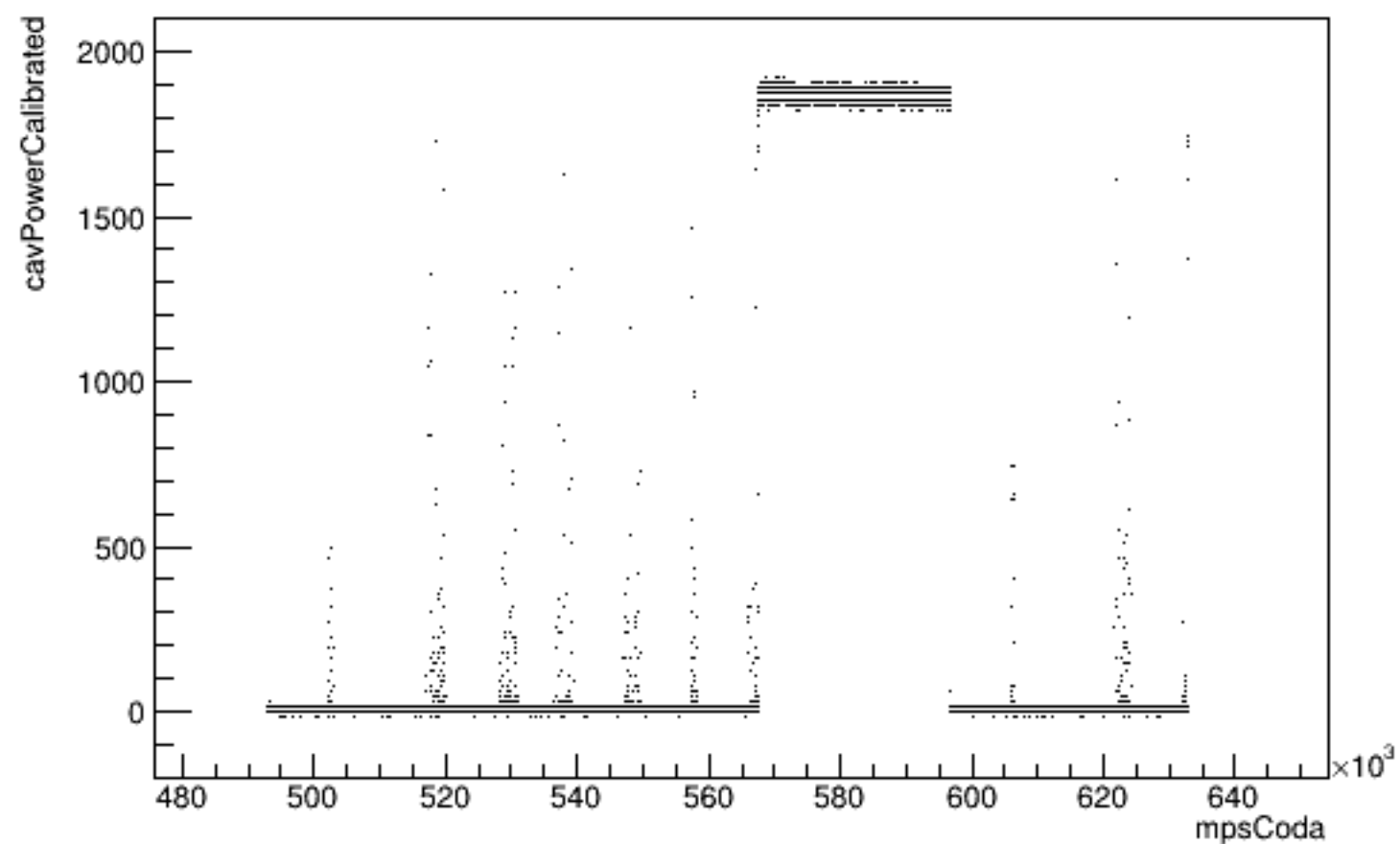
laserState:mpsCoda {mpsCoda>=493087 && mpsCoda<=632702}



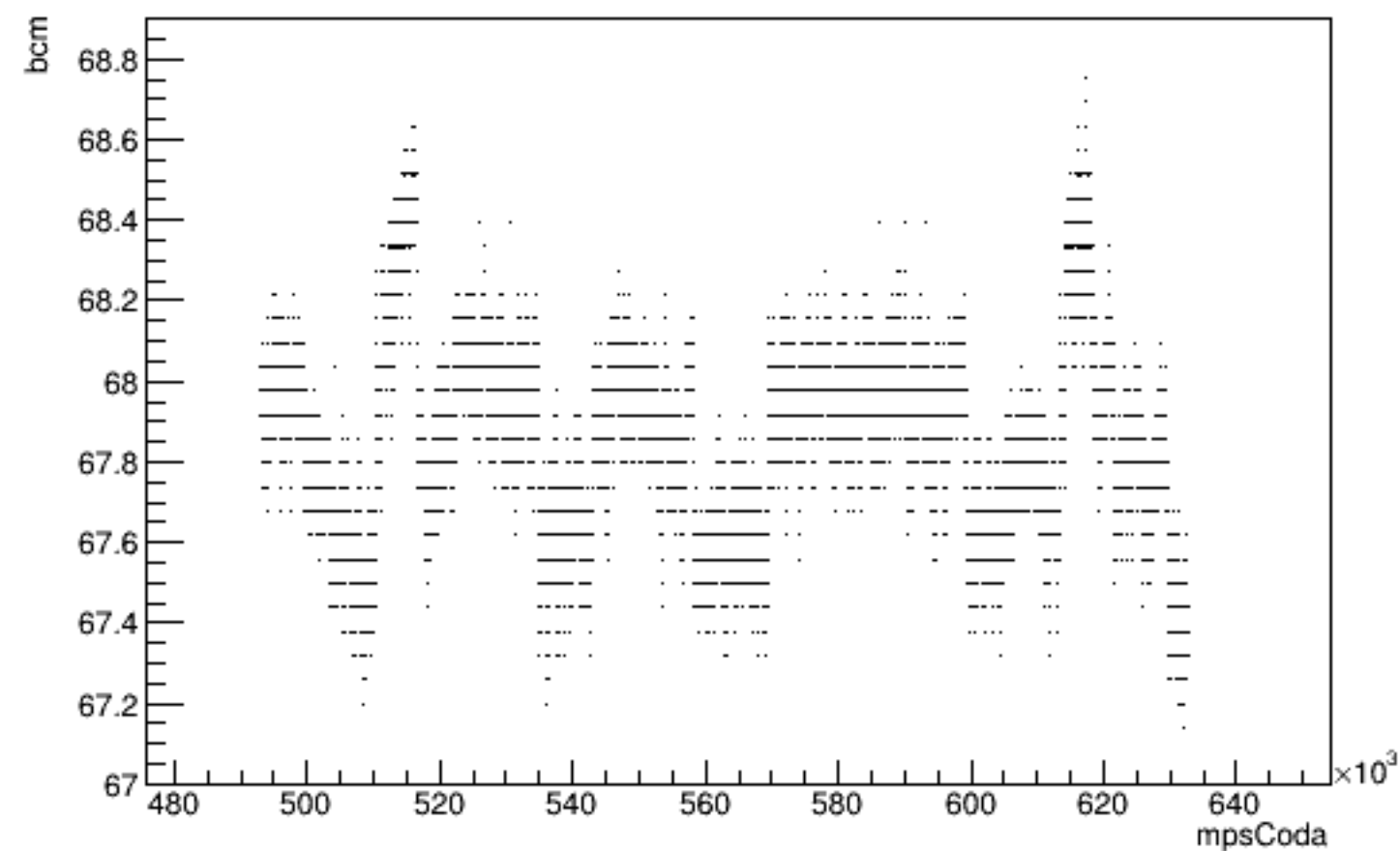
beamState + 1:mpsCoda {mpsCoda>=493087 && mpsCoda<=632702}



cavPowerCalibrated:mpsCoda {mpsCoda>=493087 && mpsCoda<=632702}



bcm:mpsCoda {mpsCoda>=493087 && mpsCoda<=632702}



Cycle 10, Diffs

Entries: 4420

Mean: 0.0011 +/- 0.0040

Std Dev: 0.2632 +/- 0.0028

Entries: 3766

Mean: 0.0601 +/- 0.0049

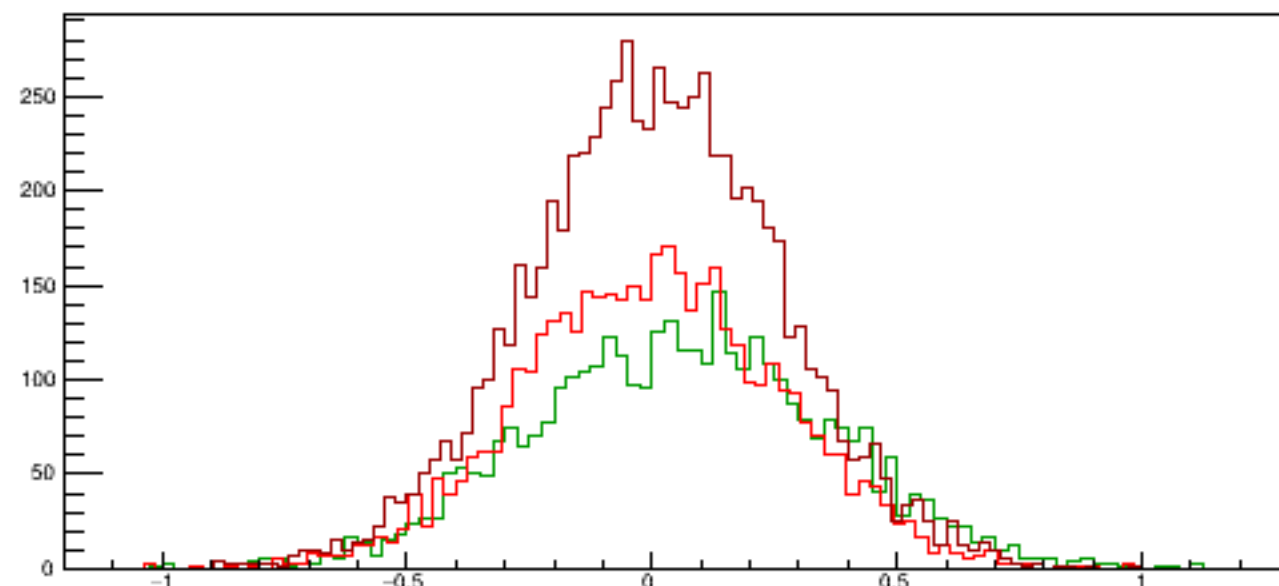
Std Dev: 0.3036 +/- 0.0035

Entries: 7457

Mean: 0.0034 +/- 0.0030

Std Dev: 0.2569 +/- 0.0021

Run 4343 quartetwise, Diffs



Cycle 10, Sums

Entries: 4420

Mean: 12.3626 +/- 0.0078

Std Dev: 0.5152 +/- 0.0055

Entries: 3766

Mean: 17.2995 +/- 0.0087

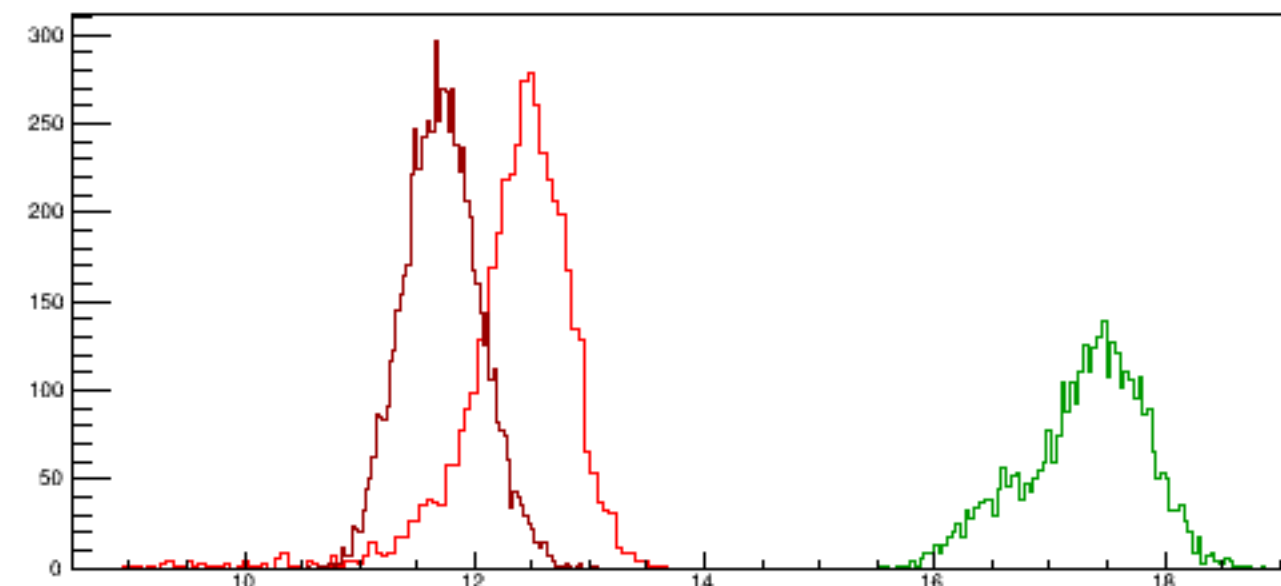
Std Dev: 0.5316 +/- 0.0061

Entries: 7457

Mean: 11.7158 +/- 0.0039

Std Dev: 0.3361 +/- 0.0028

Run 4343 quartetwise, Sums



Cycle 10, Asyms

Entries: 4420

Mean: 0.0002 +/- 0.0008

Std Dev: 0.0500 +/- 0.0005

Entries: 3766

Mean: 0.0115 +/- 0.0010

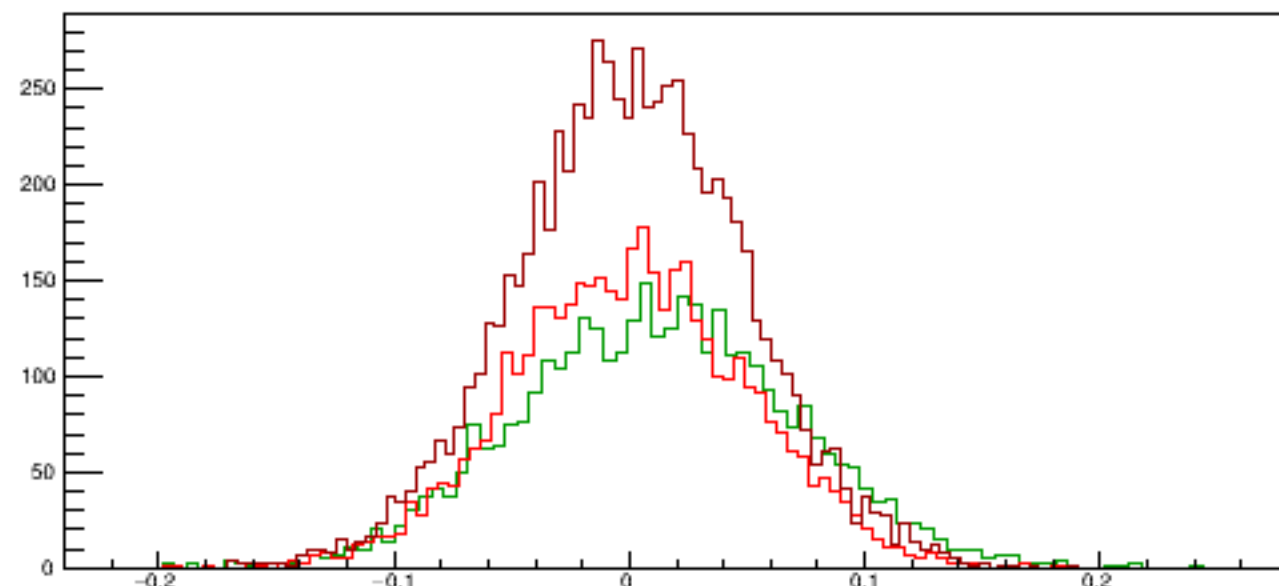
Std Dev: 0.0585 +/- 0.0007

Entries: 7457

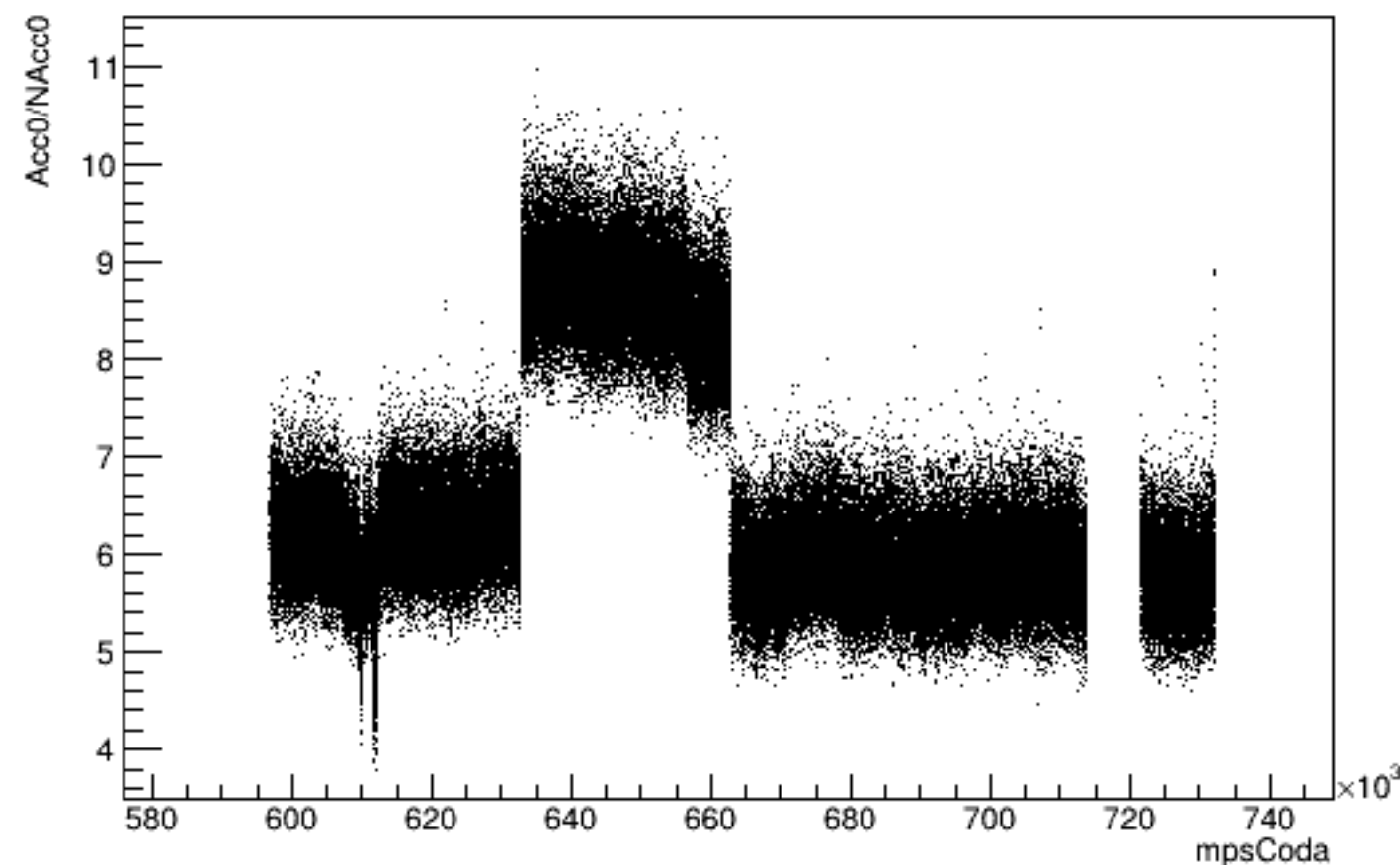
Mean: 0.0007 +/- 0.0006

Std Dev: 0.0488 +/- 0.0004

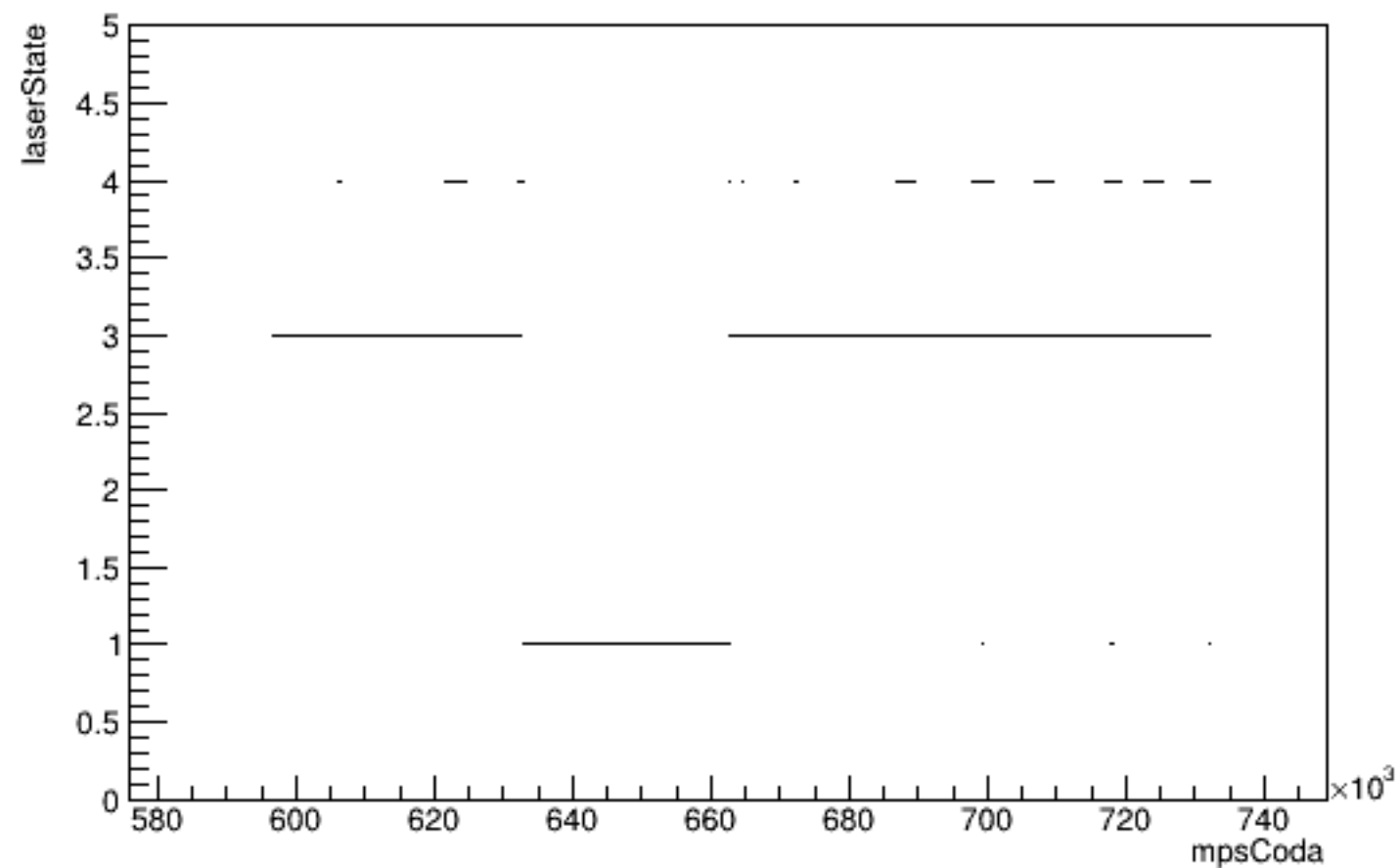
Run 4343 quartetwise, Asyms



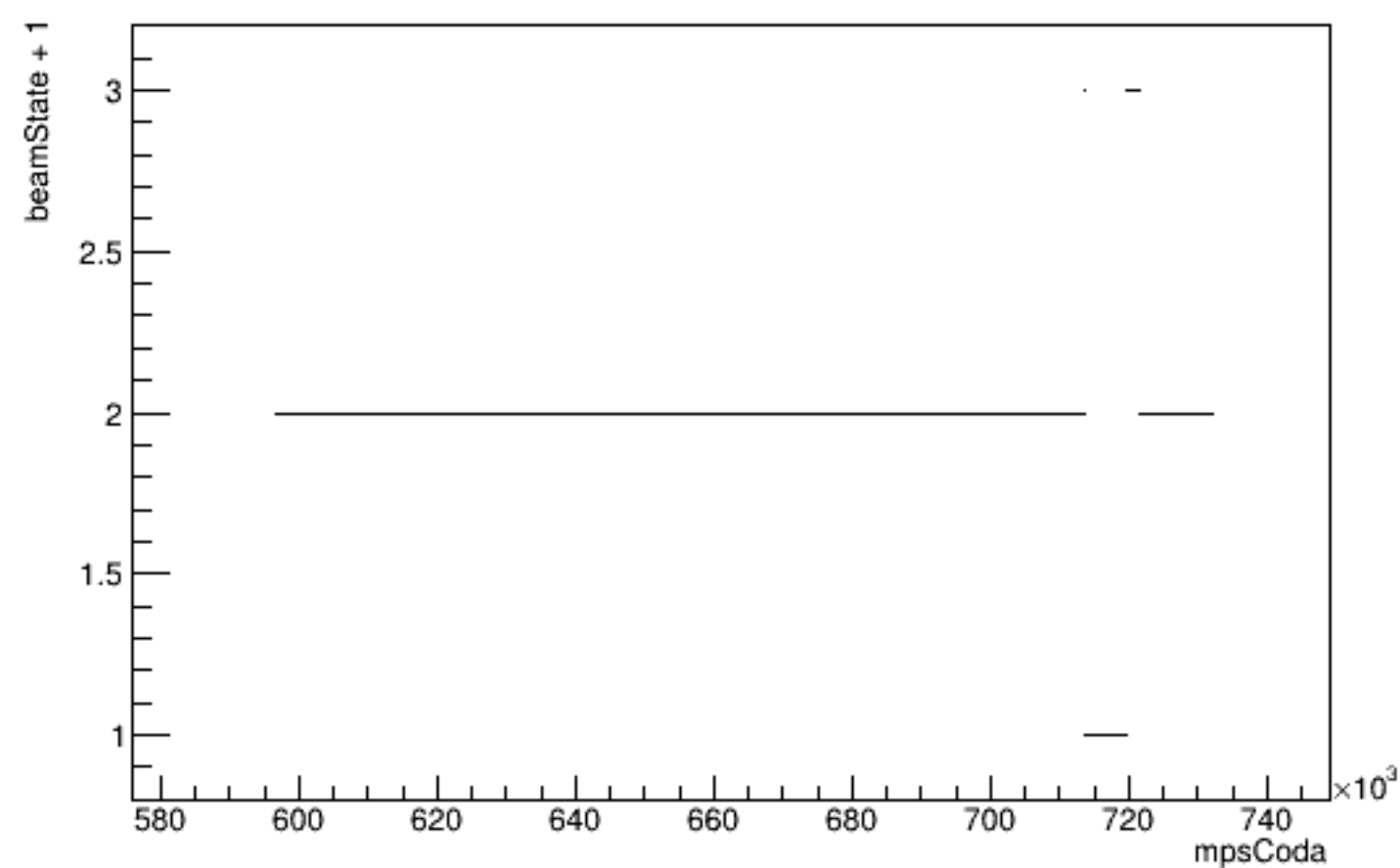
Acc0/NAcc0:mpsCoda (mpsCoda>=596839 && mpsCoda<=732110 && beamState==1)



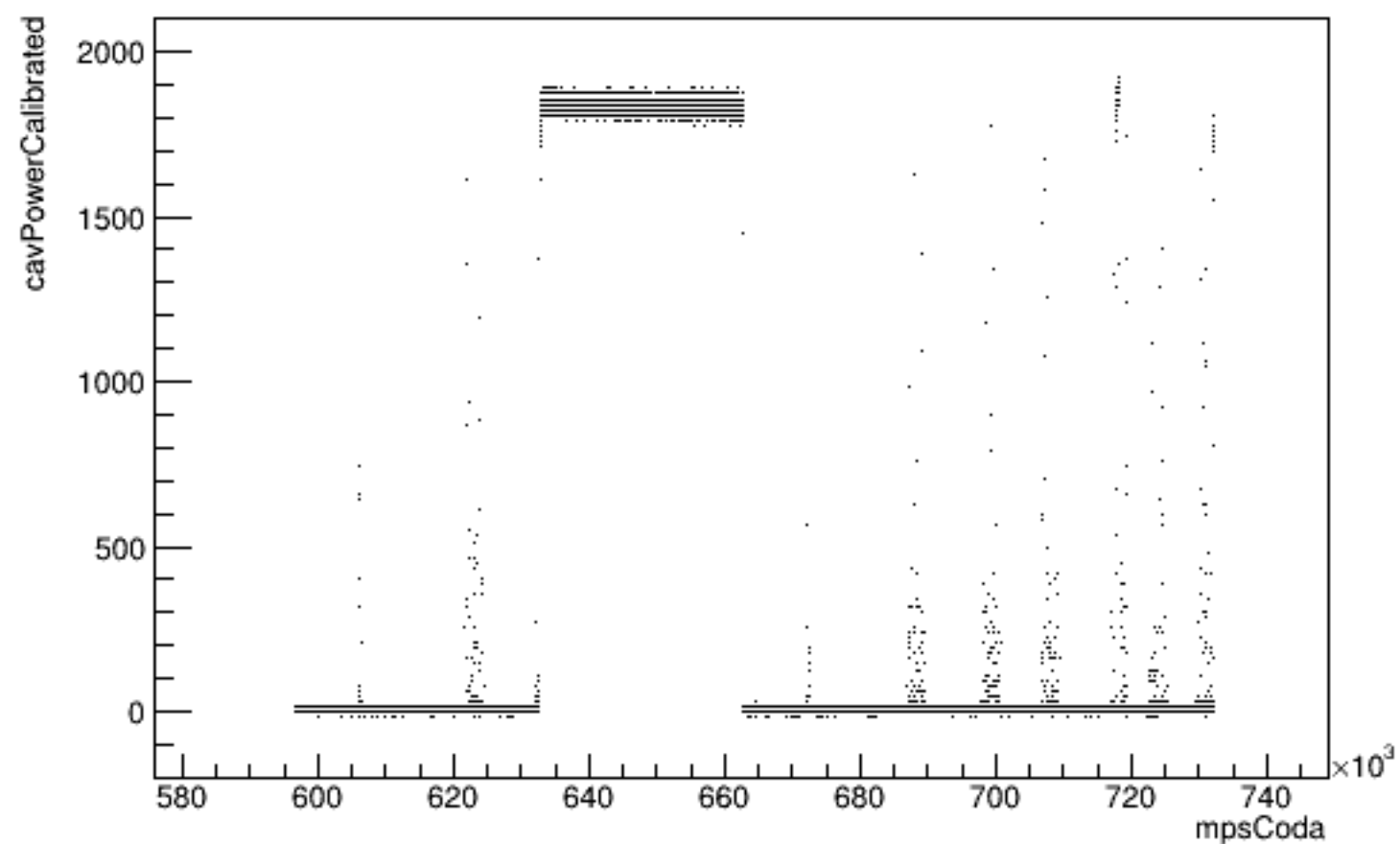
laserState:mpsCoda {mpsCoda>=596839 && mpsCoda<=732110}



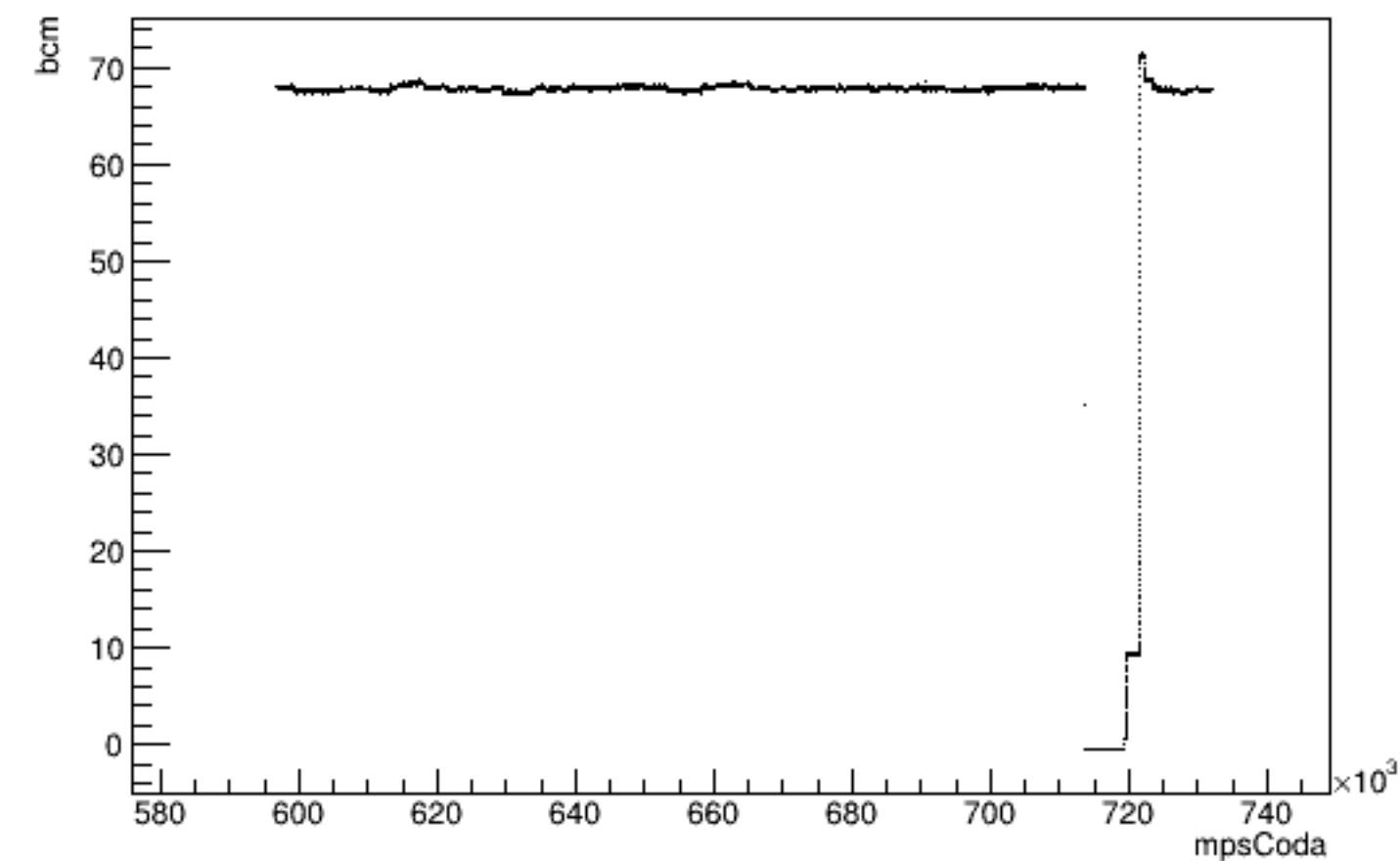
beamState + 1:mpsCoda {mpsCoda>=596839 && mpsCoda<=732110}



cavPowerCalibrated:mpsCoda {mpsCoda>=596839 && mpsCoda<=732110}



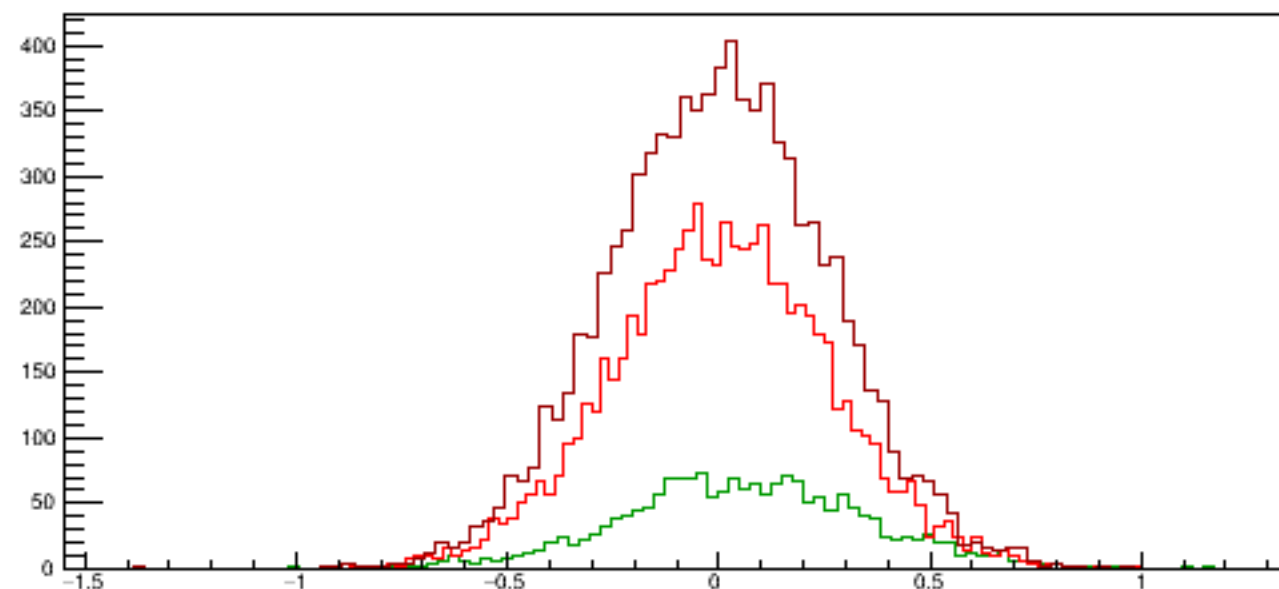
bcm:mpsCoda {mpsCoda>=596839 && mpsCoda<=732110}



Cycle 11, Diffs

Entries: 7457	Entries: 1889	Entries: 8876
Mean: 0.0034 +/- 0.0030	Mean: 0.0610 +/- 0.0067	Mean: 0.0026 +/- 0.0027
Std Dev: 0.2569 +/- 0.0021	Std Dev: 0.2921 +/- 0.0048	Std Dev: 0.2571 +/- 0.0019

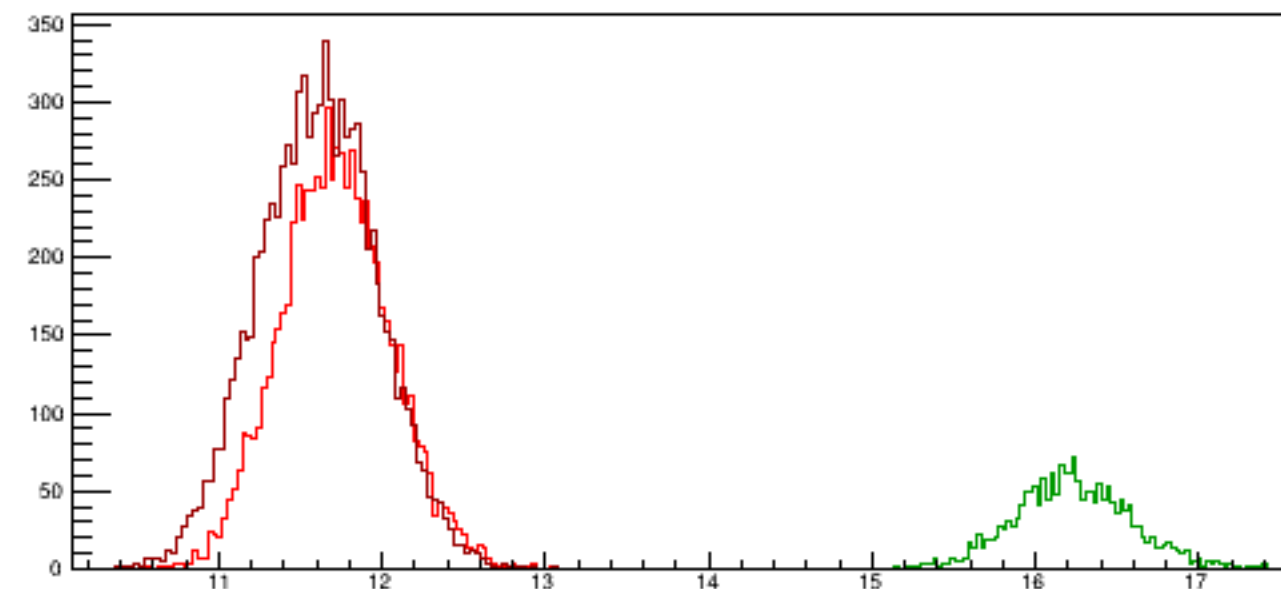
Run 4343 quartetwise, Diffs



Cycle 11, Sums

Entries: 7457	Entries: 1889	Entries: 8876
Mean: 11.7158 +/- 0.0039	Mean: 16.2313 +/- 0.0081	Mean: 11.6069 +/- 0.0038
Std Dev: 0.3361 +/- 0.0028	Std Dev: 0.3535 +/- 0.0058	Std Dev: 0.3619 +/- 0.0027

Run 4343 quartetwise, Sums

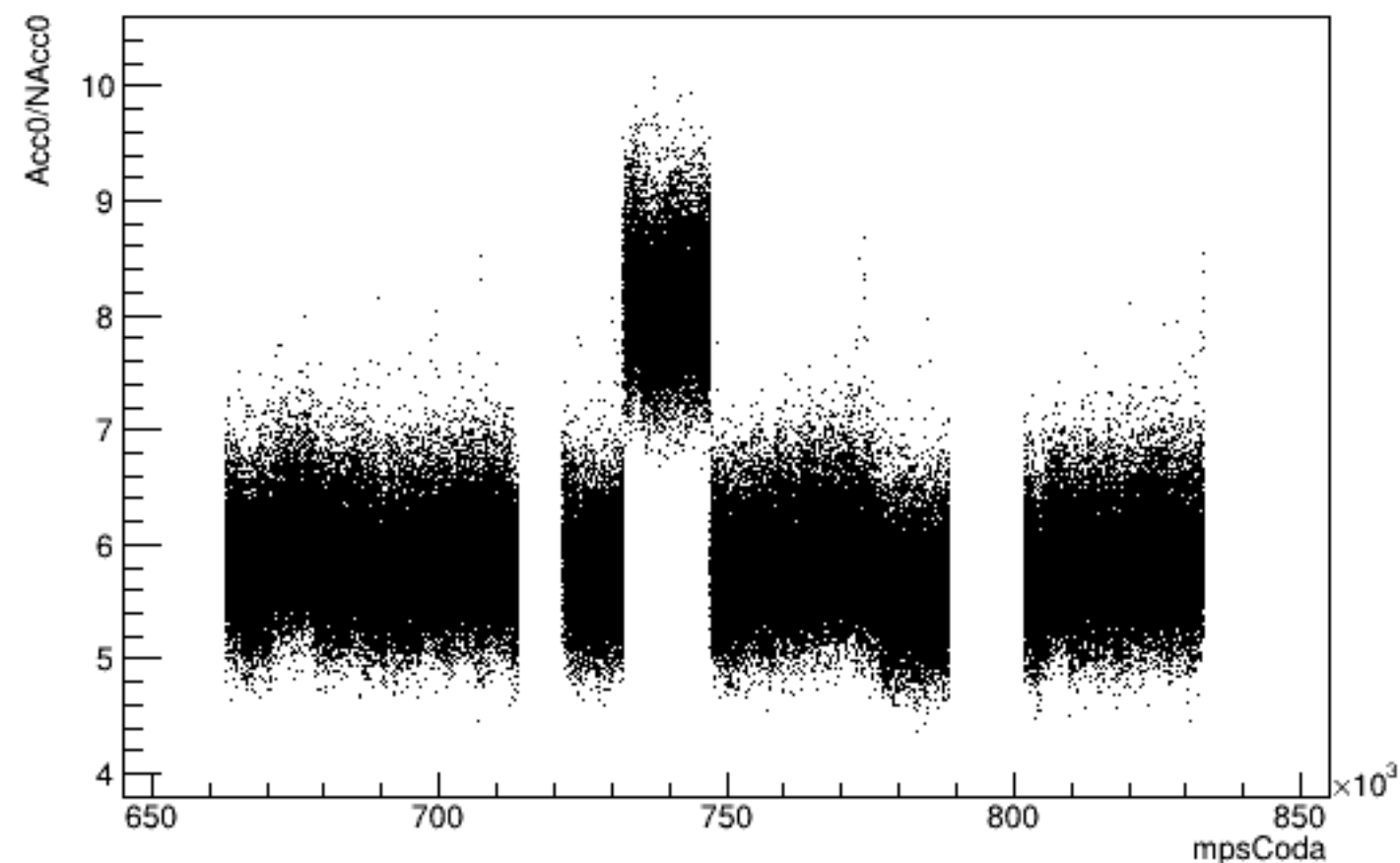
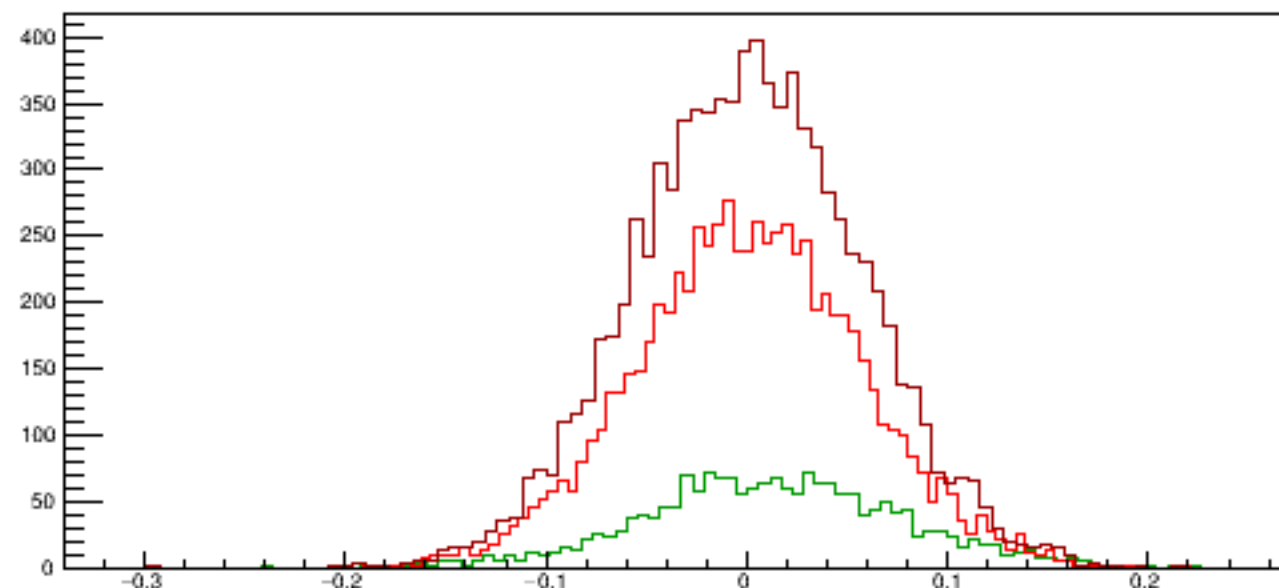


Acc0/NAcc0:mpsCoda (mpsCoda>=662839 && mpsCoda<=832942 && beamState==1)

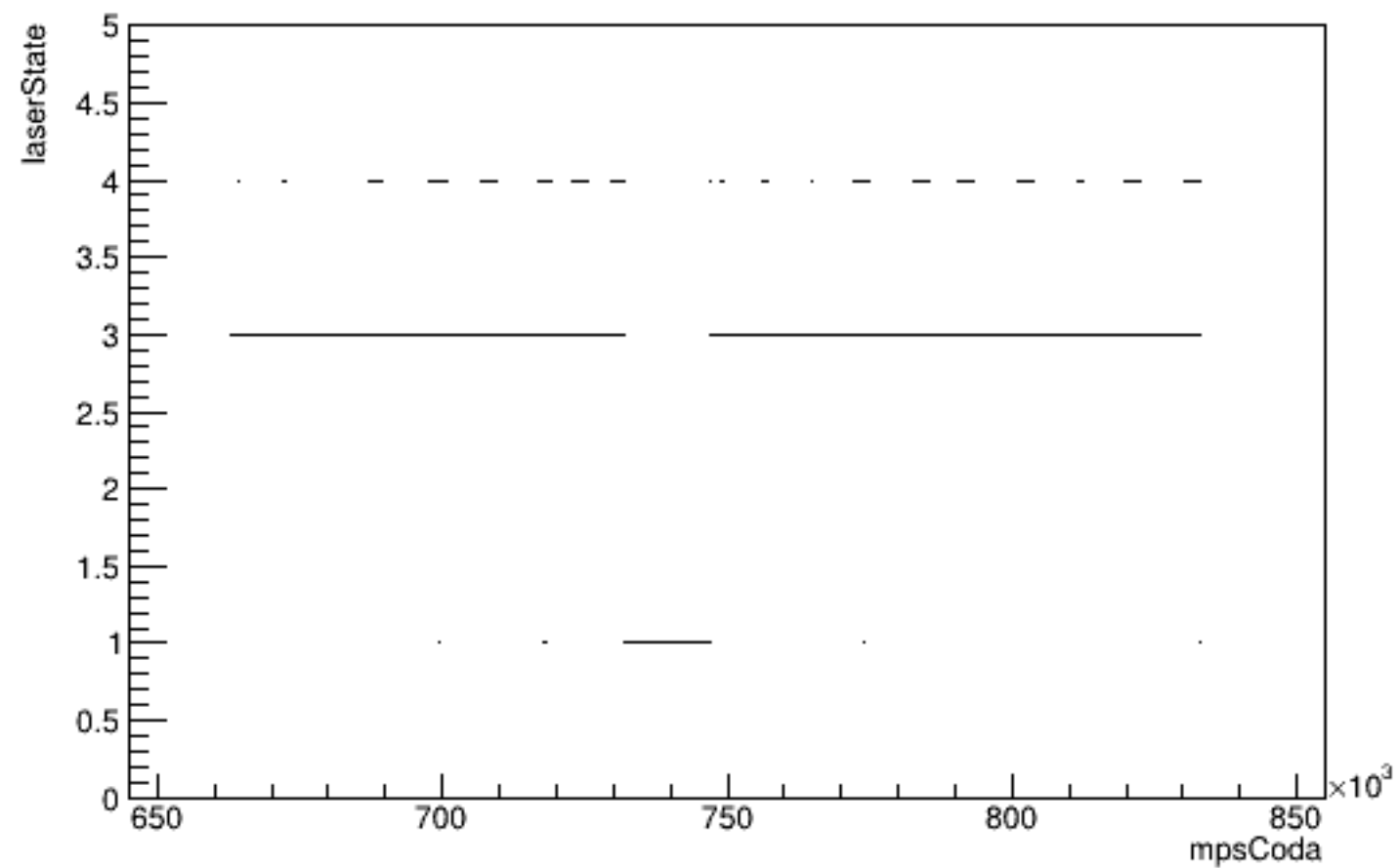
Cycle 11, Asyms

Entries: 7457	Entries: 1889	Entries: 8876
Mean: 0.0008 +/- 0.0007	Mean: 0.0134 +/- 0.0015	Mean: 0.0006 +/- 0.0006
Std Dev: 0.0562 +/- 0.0005	Std Dev: 0.0641 +/- 0.0010	Std Dev: 0.0563 +/- 0.0004

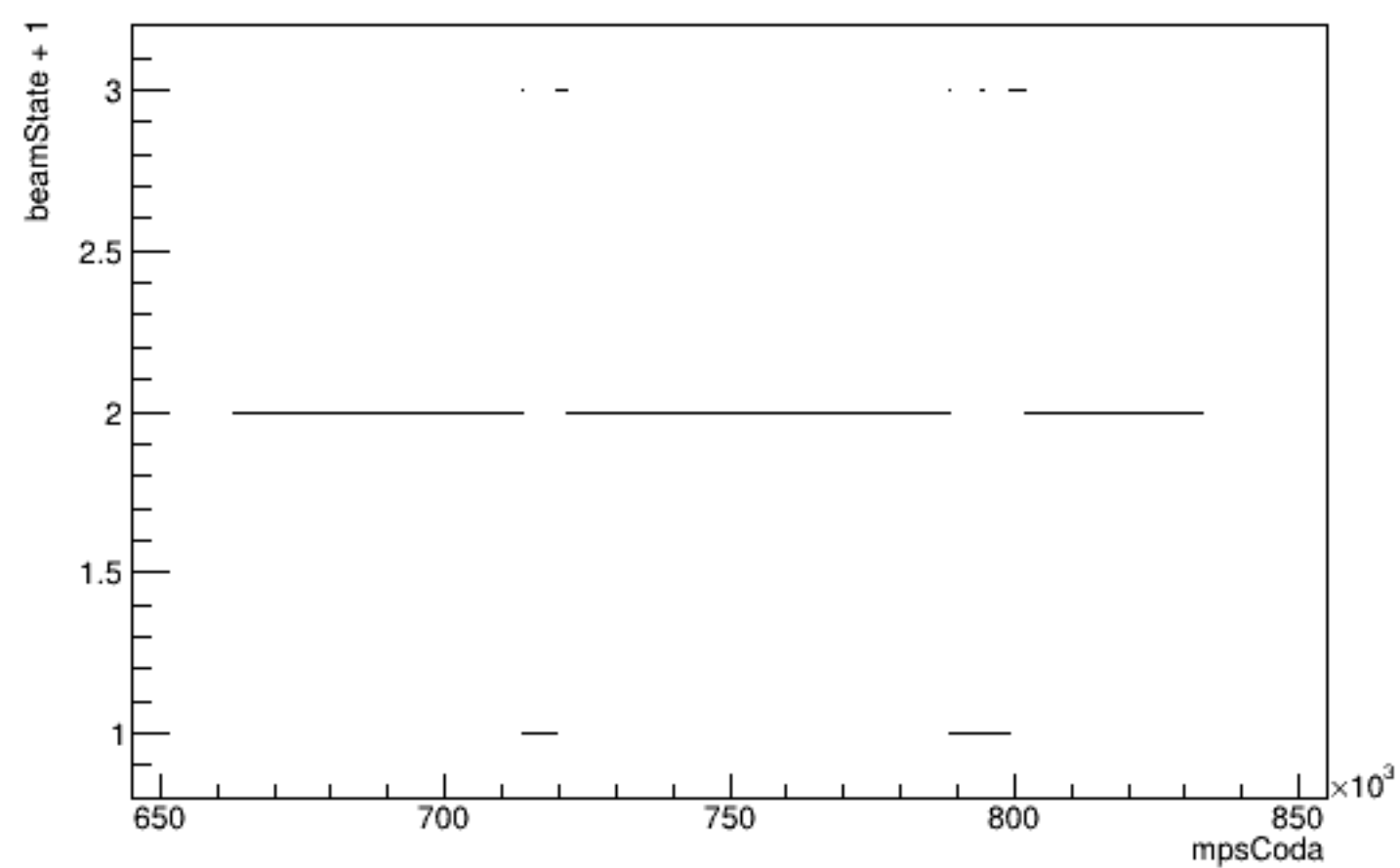
Run 4343 quartetwise, Asyms



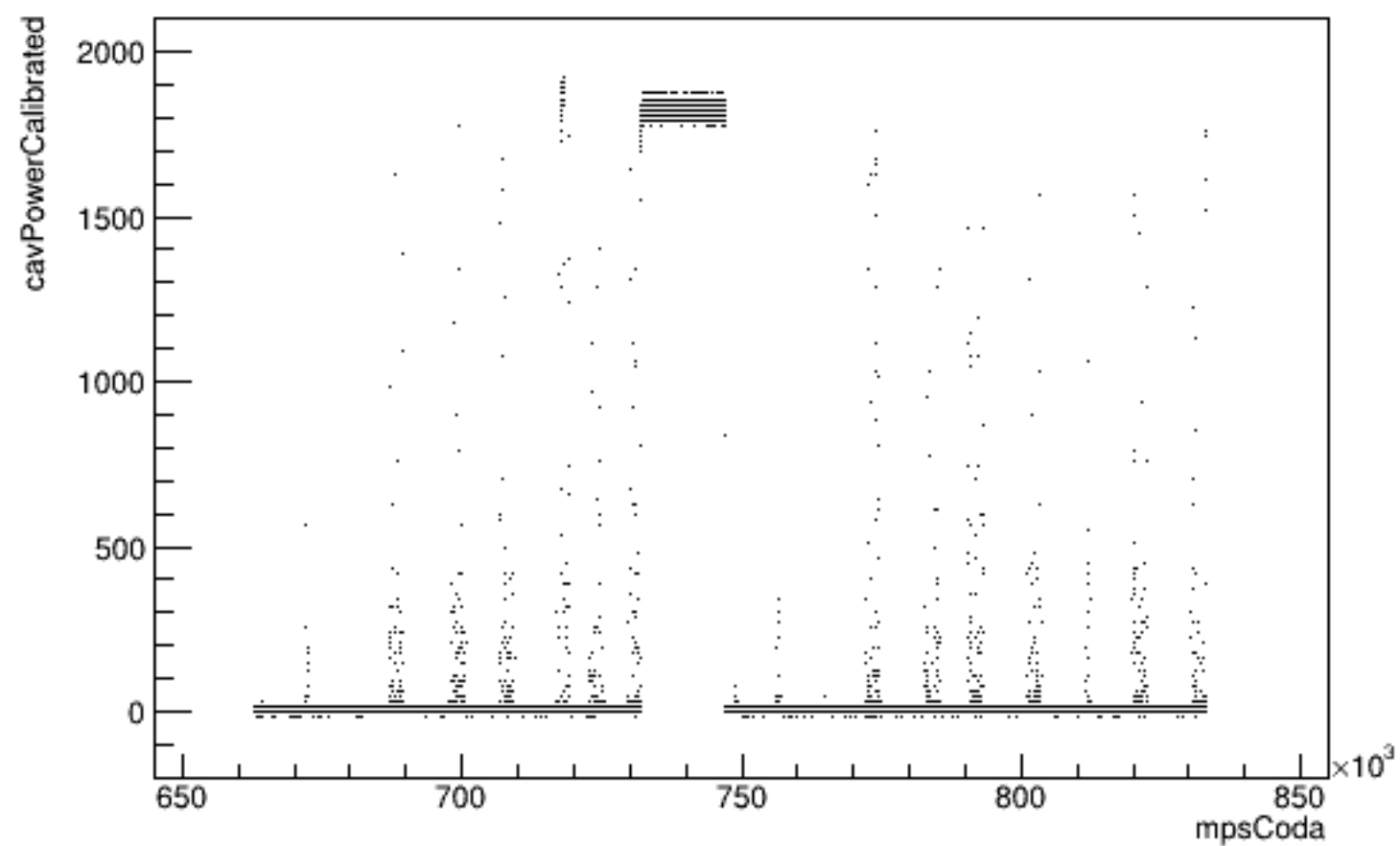
laserState:mpsCoda {mpsCoda>=662839 && mpsCoda<=832942}



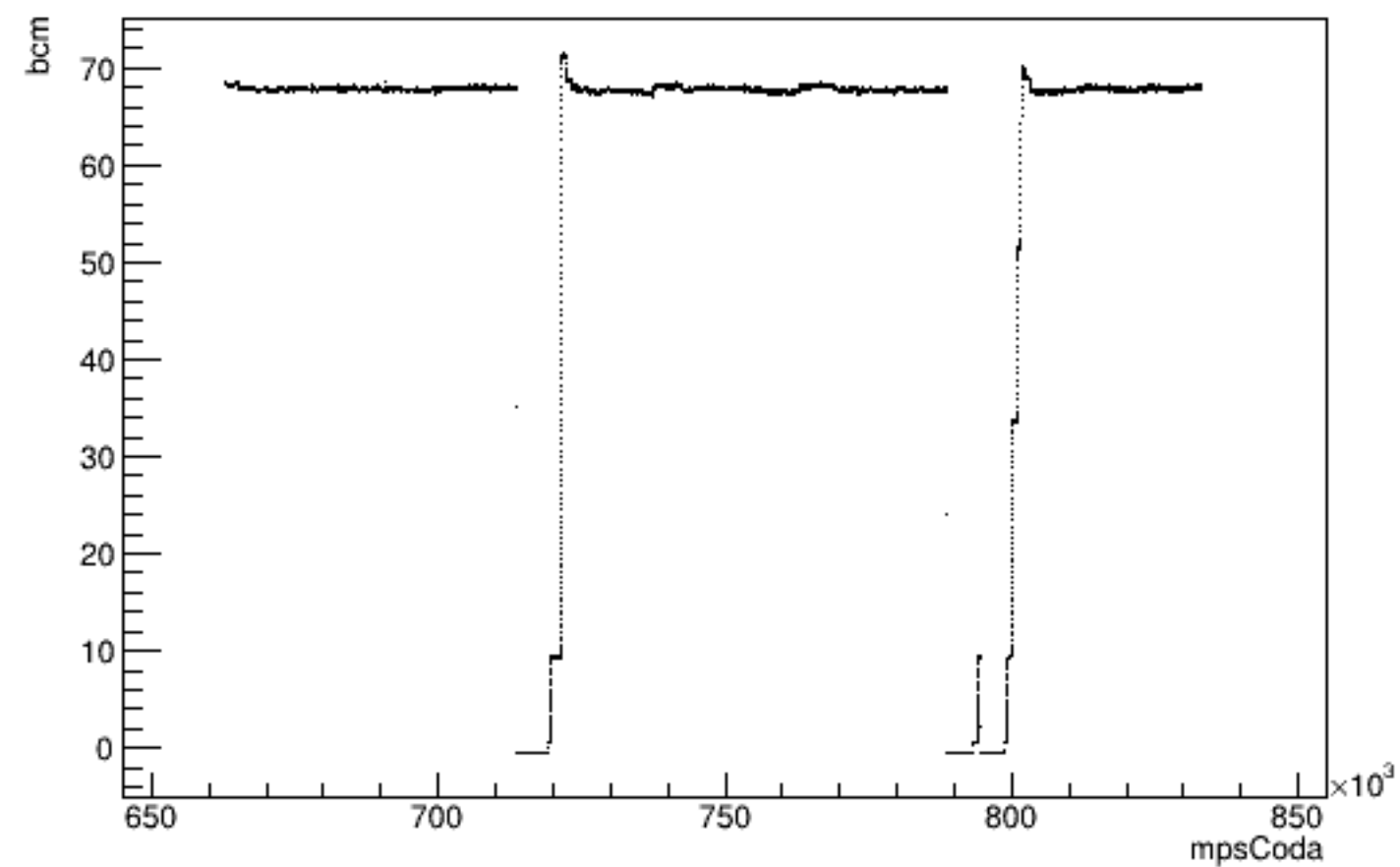
beamState + 1:mpsCoda {mpsCoda>=662839 && mpsCoda<=832942}



cavPowerCalibrated:mpsCoda {mpsCoda>=662839 && mpsCoda<=832942}



bcm:mpsCoda {mpsCoda>=662839 && mpsCoda<=832942}



Cycle 12, Diffs

Entries: 8876

Mean: 0.0026 +/- 0.0027

Std Dev: 0.2571 +/- 0.0019

Entries: 1570

Mean: 0.0809 +/- 0.0077

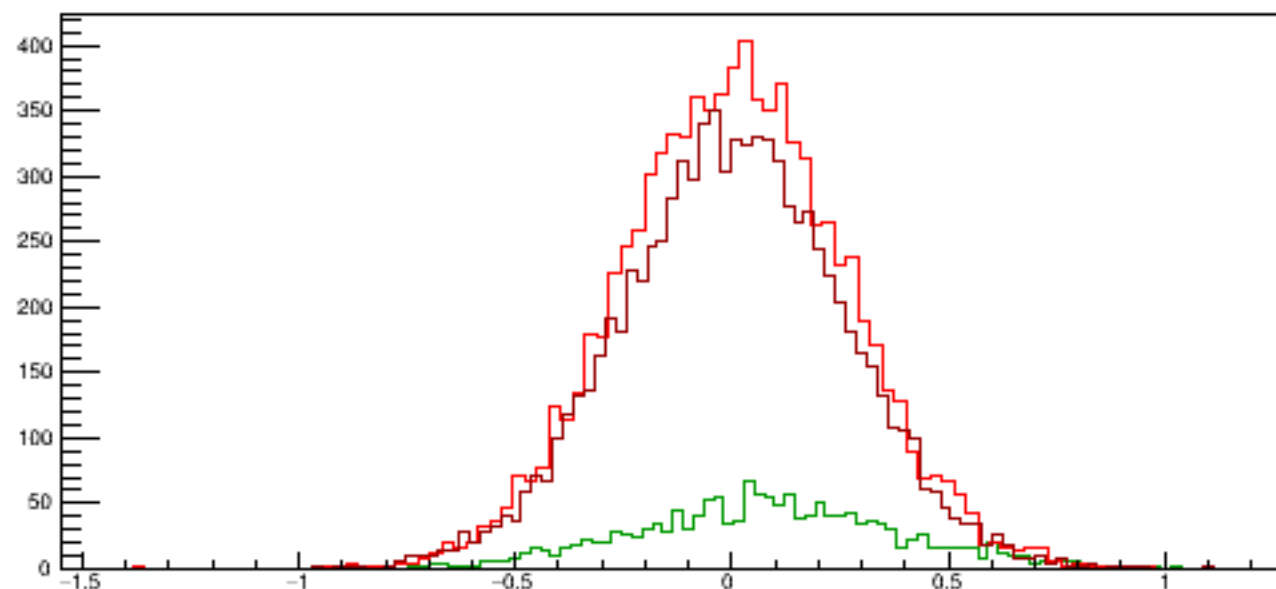
Std Dev: 0.3040 +/- 0.0054

Entries: 8738

Mean: 0.0008 +/- 0.0028

Std Dev: 0.2572 +/- 0.0019

Run 4343 quartetwise, Diffs



Cycle 12, Sums

Entries: 8876

Mean: 11.6069 +/- 0.0038

Std Dev: 0.3619 +/- 0.0027

Entries: 1570

Mean: 16.5974 +/- 0.0086

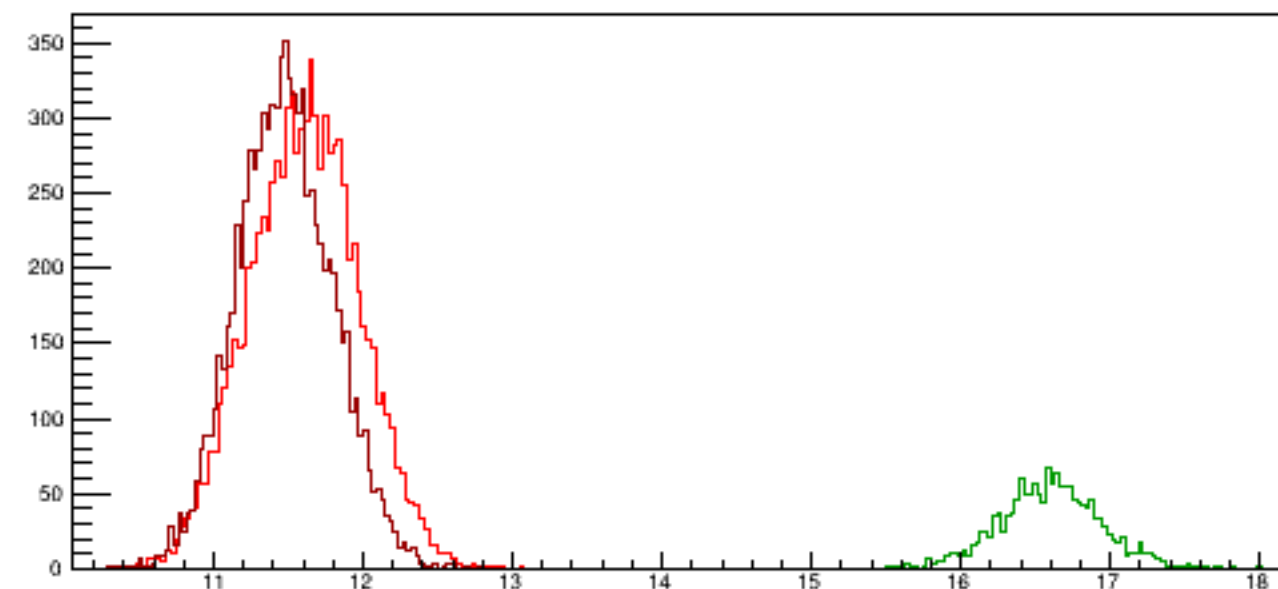
Std Dev: 0.3411 +/- 0.0061

Entries: 8738

Mean: 11.4764 +/- 0.0034

Std Dev: 0.3203 +/- 0.0024

Run 4343 quartetwise, Sums



Cycle 12, Asyms

Entries: 8876

Mean: 0.0005 +/- 0.0005

Std Dev: 0.0509 +/- 0.0004

Entries: 1570

Mean: 0.0160 +/- 0.0015

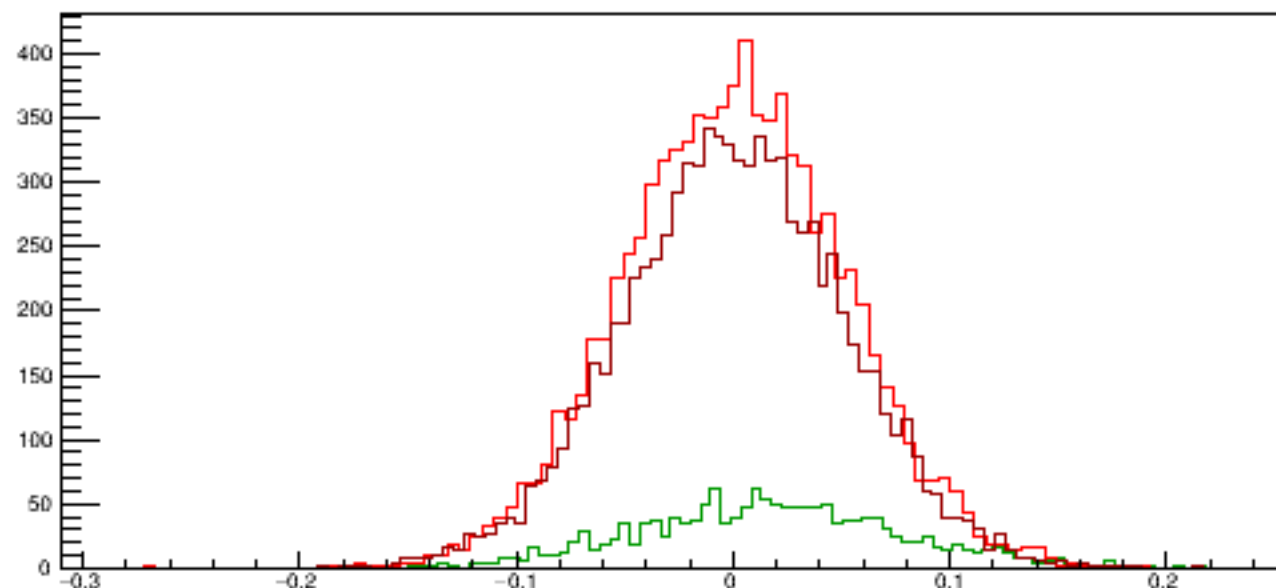
Std Dev: 0.0601 +/- 0.0011

Entries: 8738

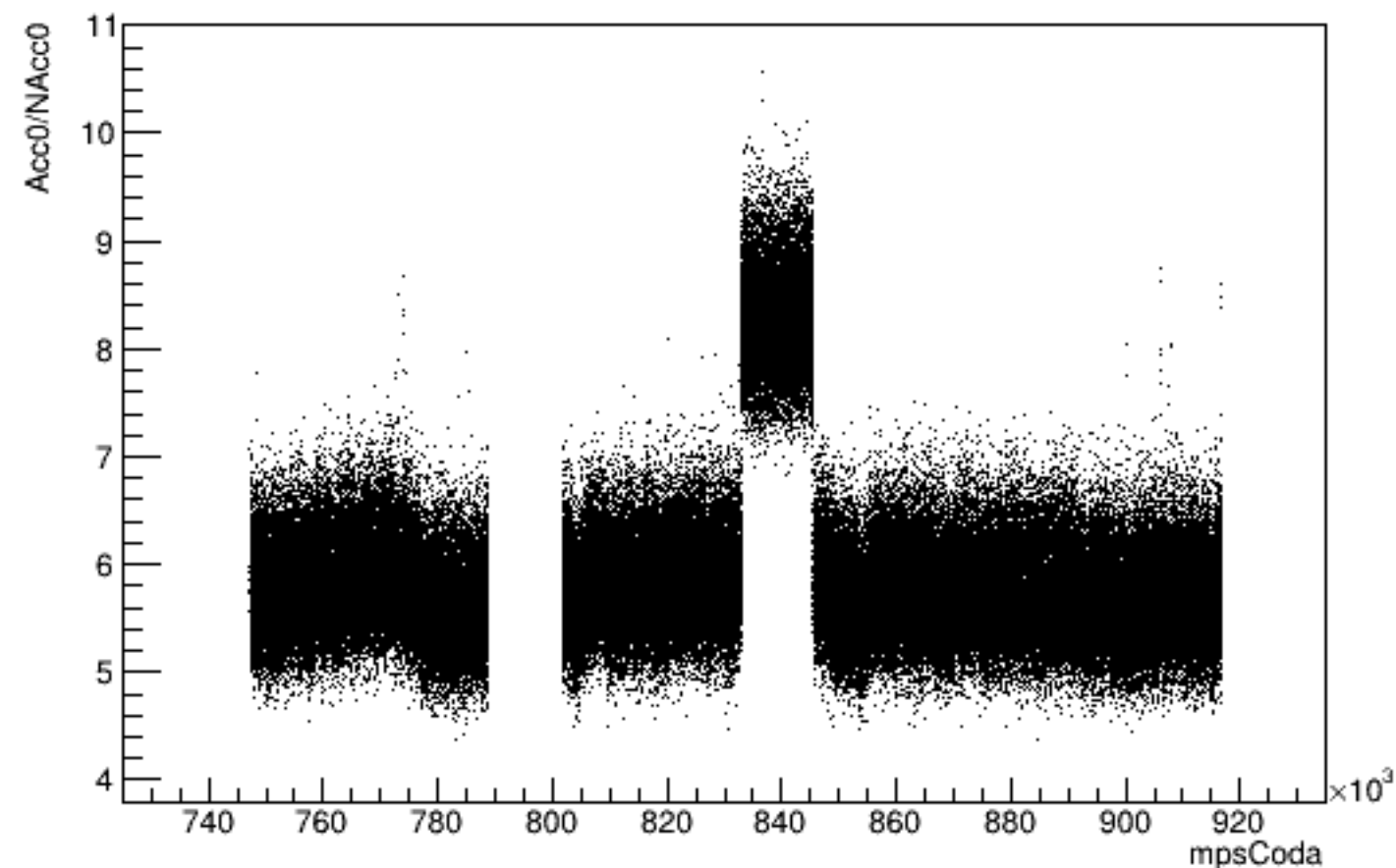
Mean: 0.0002 +/- 0.0005

Std Dev: 0.0509 +/- 0.0004

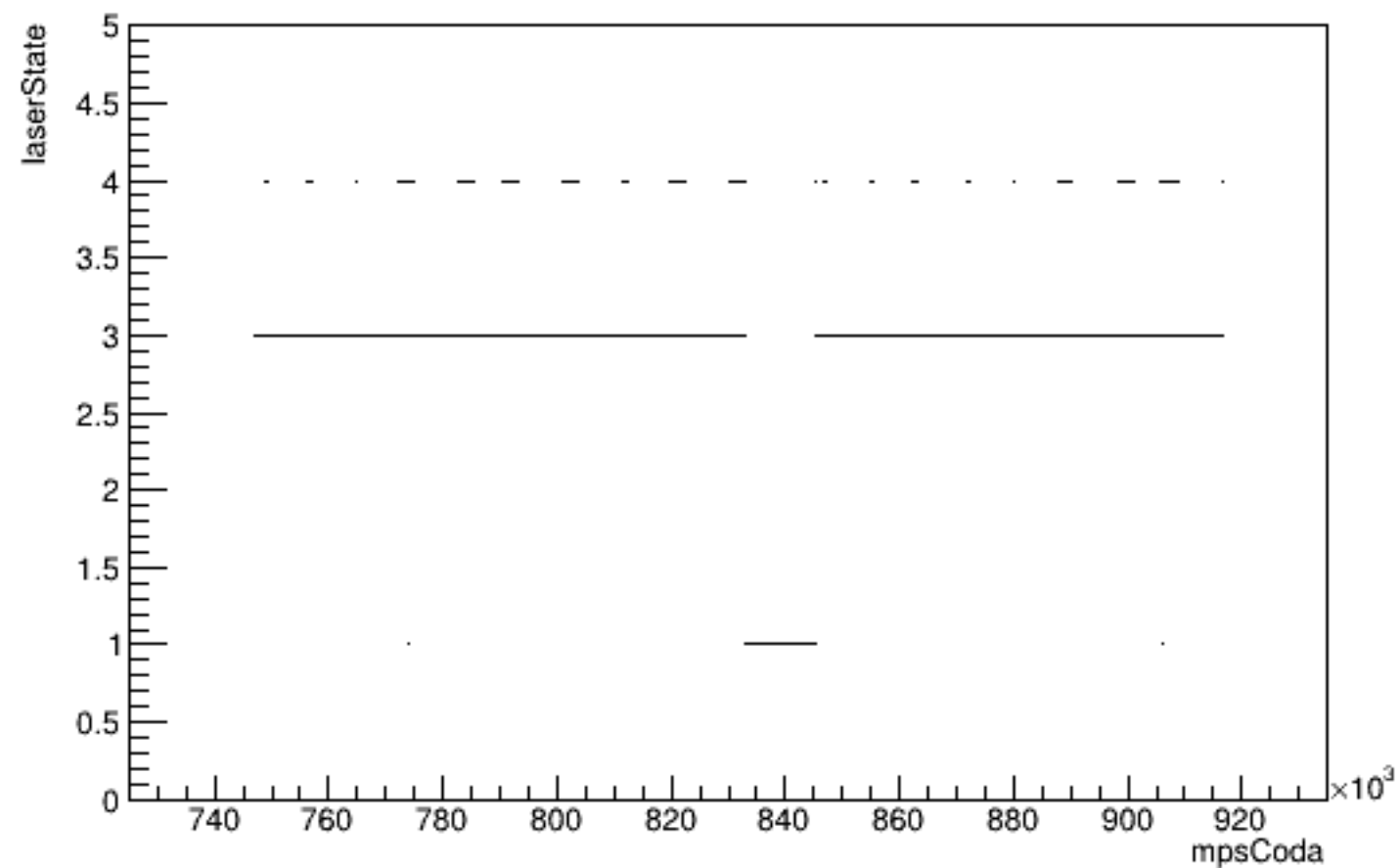
Run 4343 quartetwise, Asyms



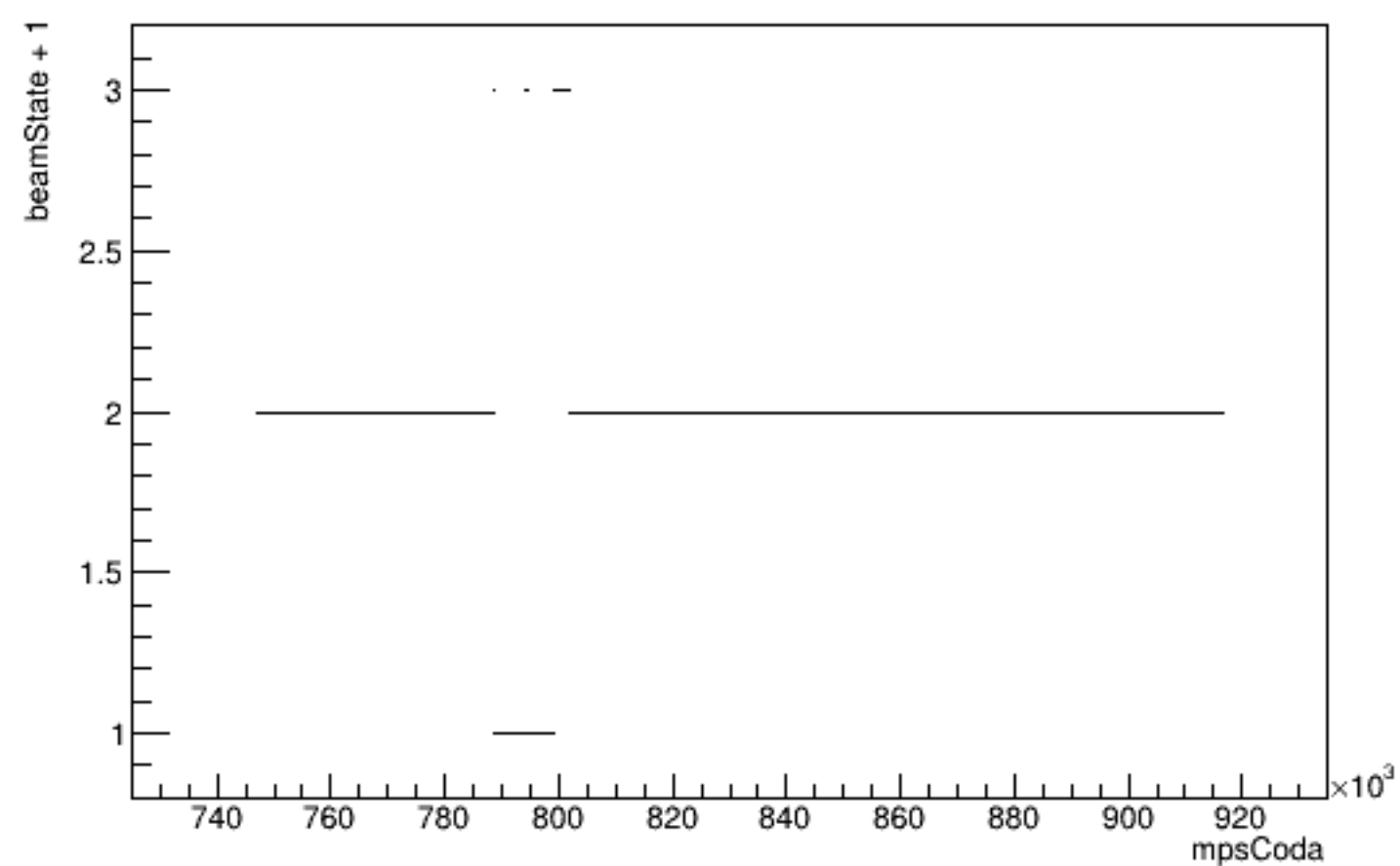
Acc0/NAcc0:mpsCoda (mpsCoda>=747231 && mpsCoda<=916790 && beamState==1)



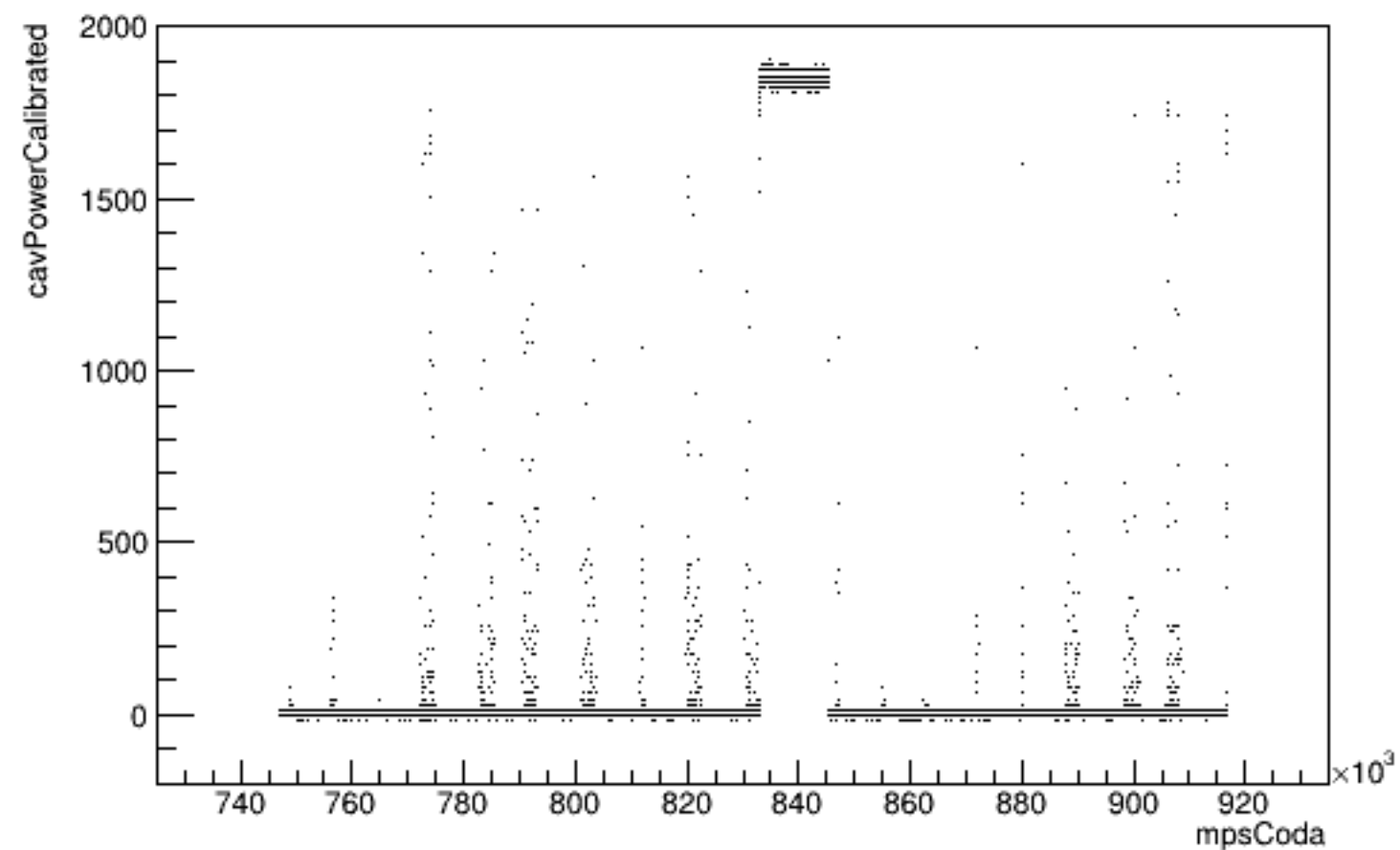
laserState:mpsCoda {mpsCoda>=747231 && mpsCoda<=916790}



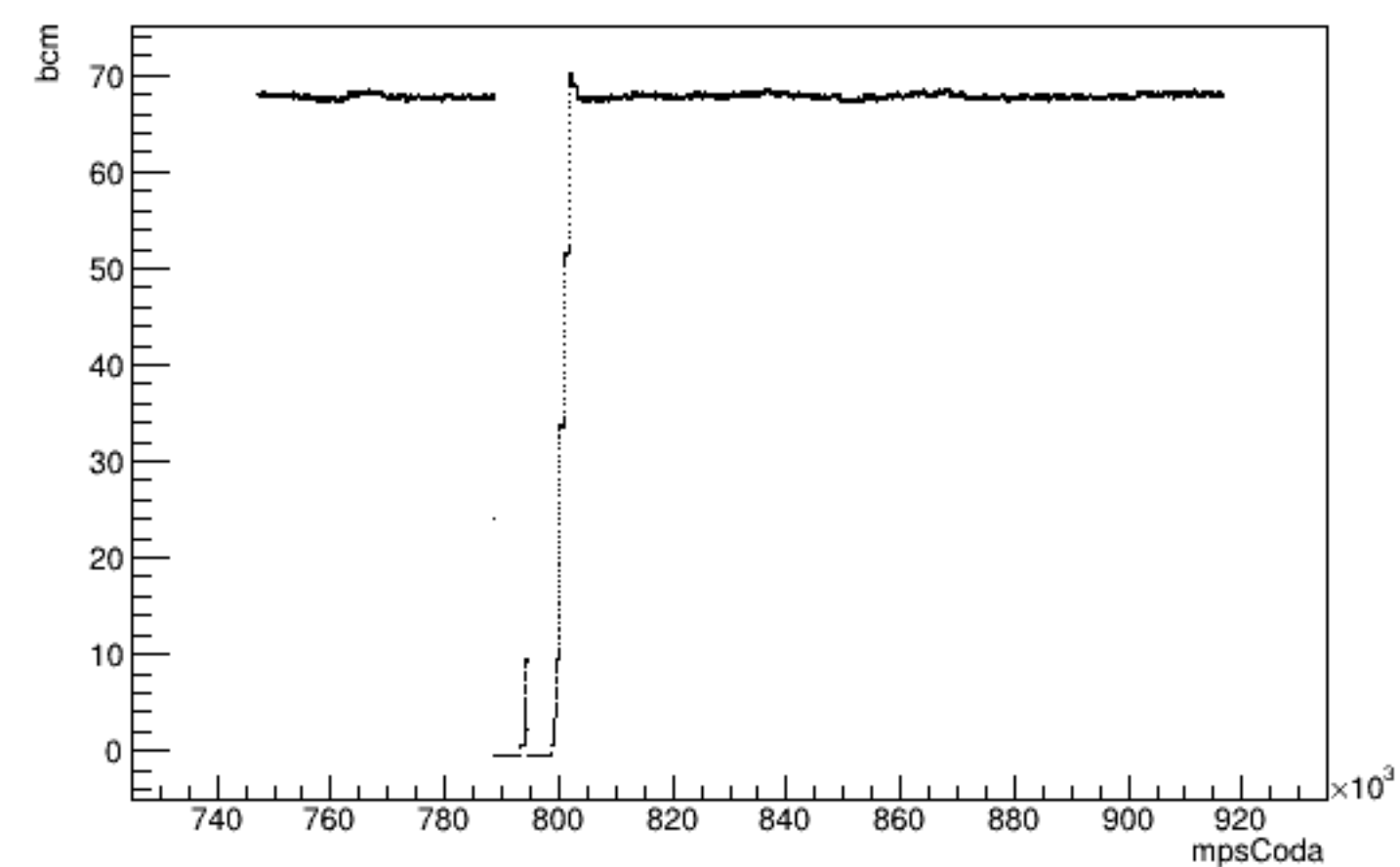
beamState + 1:mpsCoda {mpsCoda>=747231 && mpsCoda<=916790}



cavPowerCalibrated:mpsCoda {mpsCoda>=747231 && mpsCoda<=916790}



bcm:mpsCoda {mpsCoda>=747231 && mpsCoda<=916790}



Cycle 13, Diffs

Entries: 8738

Mean: 0.0008 +/- 0.0028

Std Dev: 0.2572 +/- 0.0019

Entries: 3665

Mean: 0.0739 +/- 0.0050

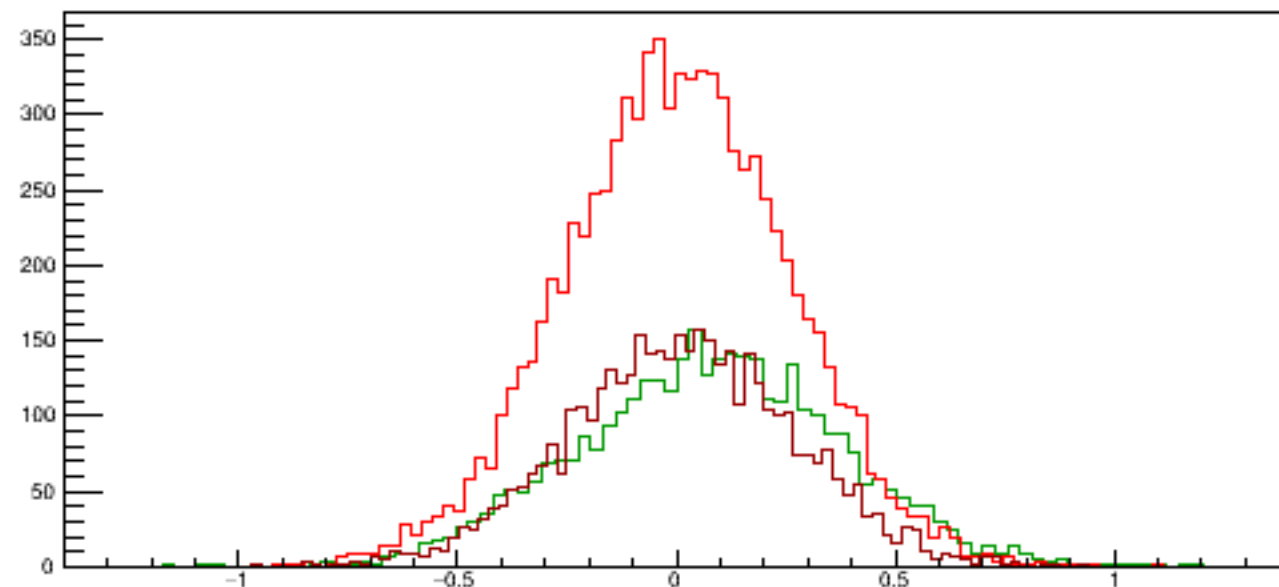
Std Dev: 0.3008 +/- 0.0035

Entries: 4254

Mean: 0.0113 +/- 0.0039

Std Dev: 0.2568 +/- 0.0028

Run 4343 quartetwise, Diffs



Cycle 13, Sums

Entries: 8738

Mean: 11.4764 +/- 0.0034

Std Dev: 0.3203 +/- 0.0024

Entries: 3665

Mean: 16.1843 +/- 0.0060

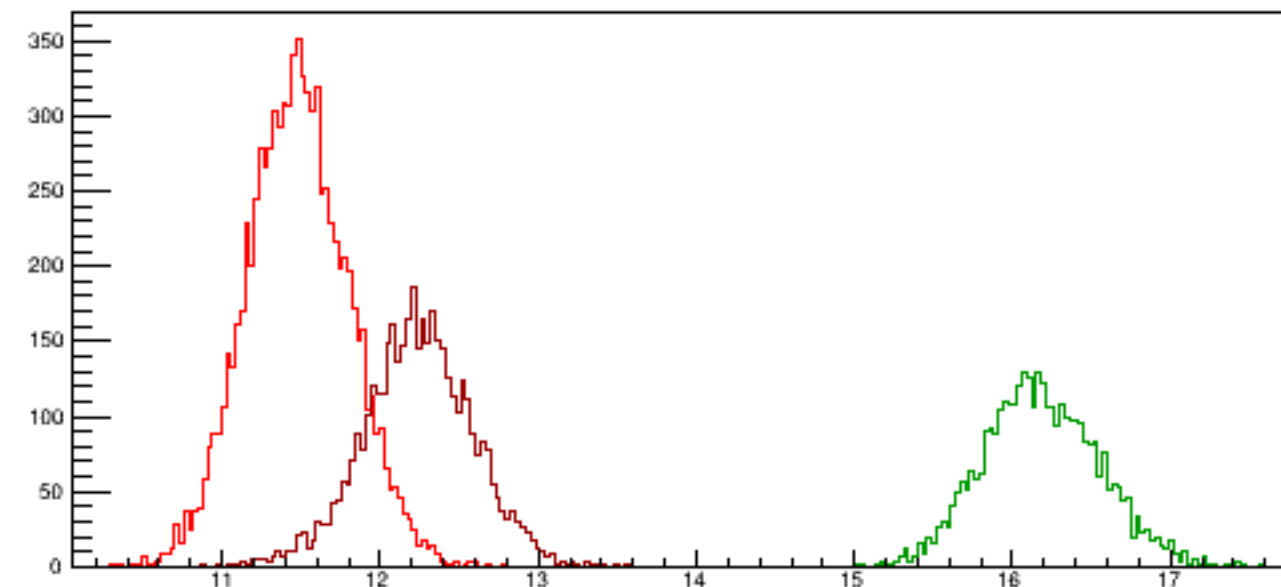
Std Dev: 0.3653 +/- 0.0043

Entries: 4254

Mean: 12.2389 +/- 0.0053

Std Dev: 0.3453 +/- 0.0037

Run 4343 quartetwise, Sums



Cycle 13, Asyms

Entries: 8738

Mean: 0.0002 +/- 0.0006

Std Dev: 0.0594 +/- 0.0004

Entries: 3665

Mean: 0.0172 +/- 0.0012

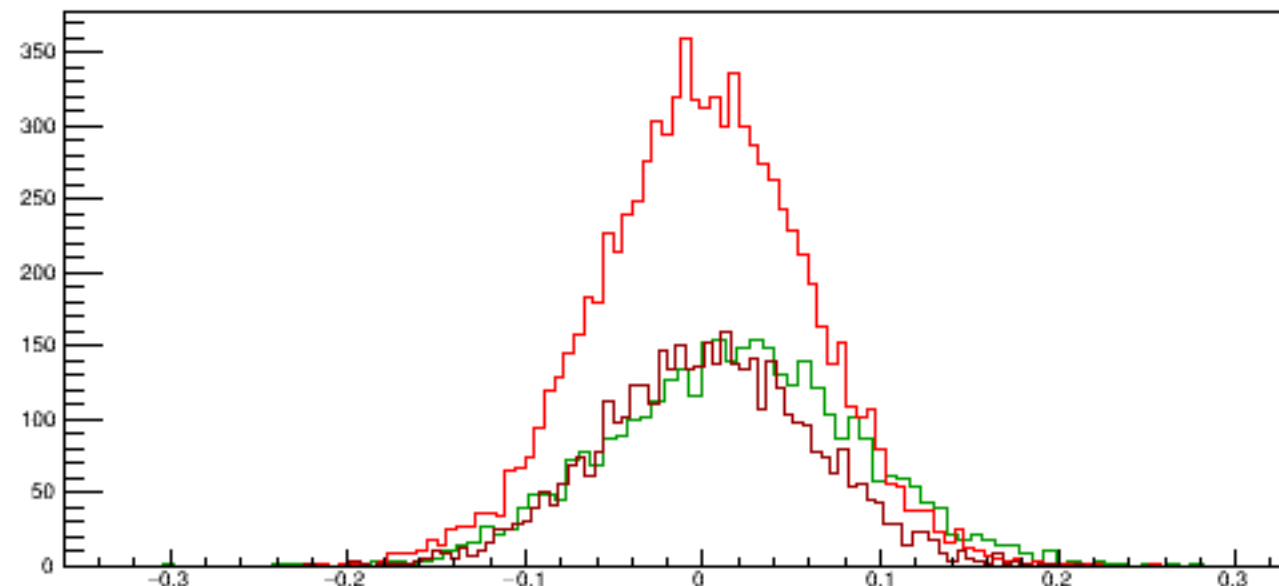
Std Dev: 0.0698 +/- 0.0008

Entries: 4254

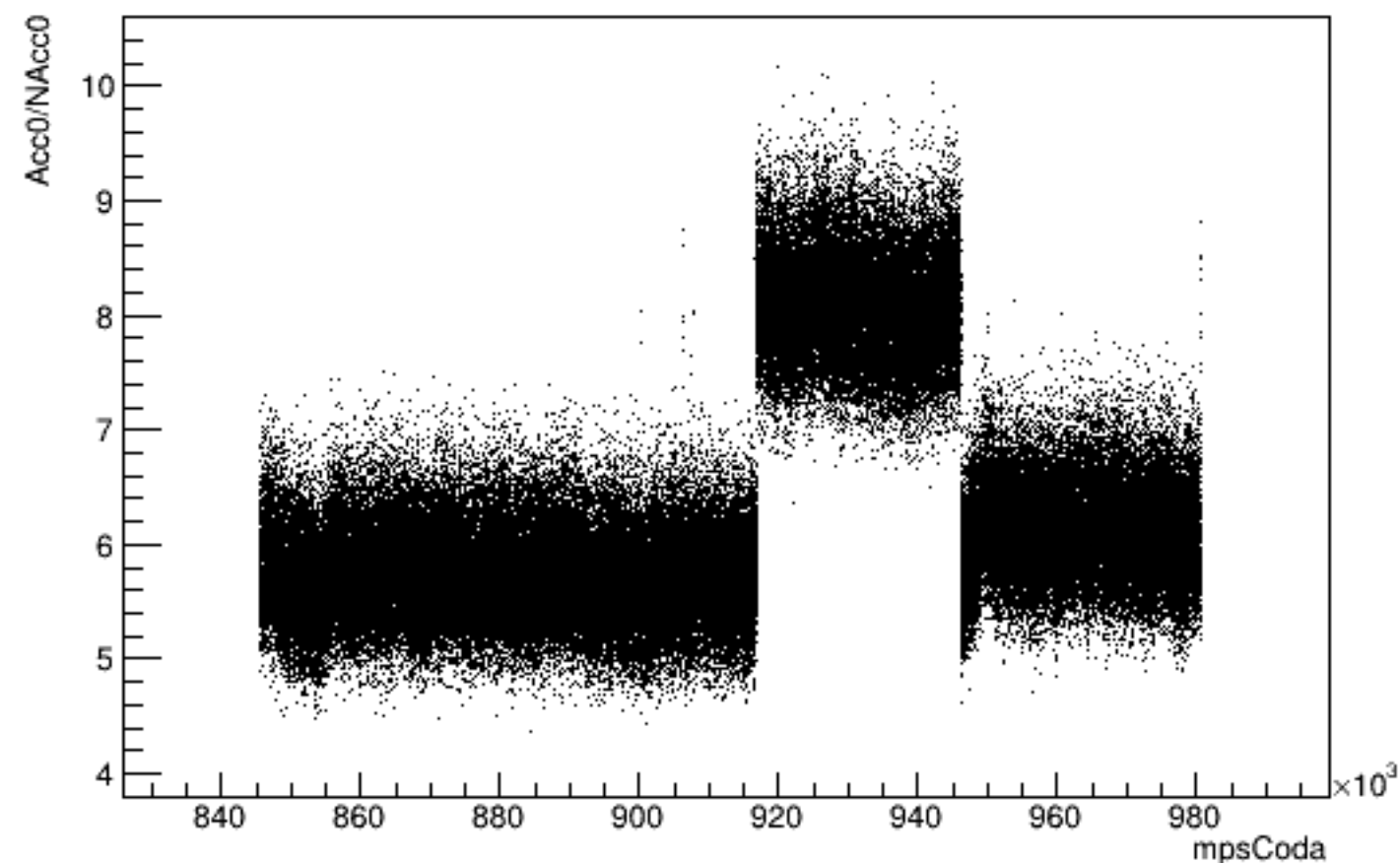
Mean: 0.0026 +/- 0.0009

Std Dev: 0.0593 +/- 0.0006

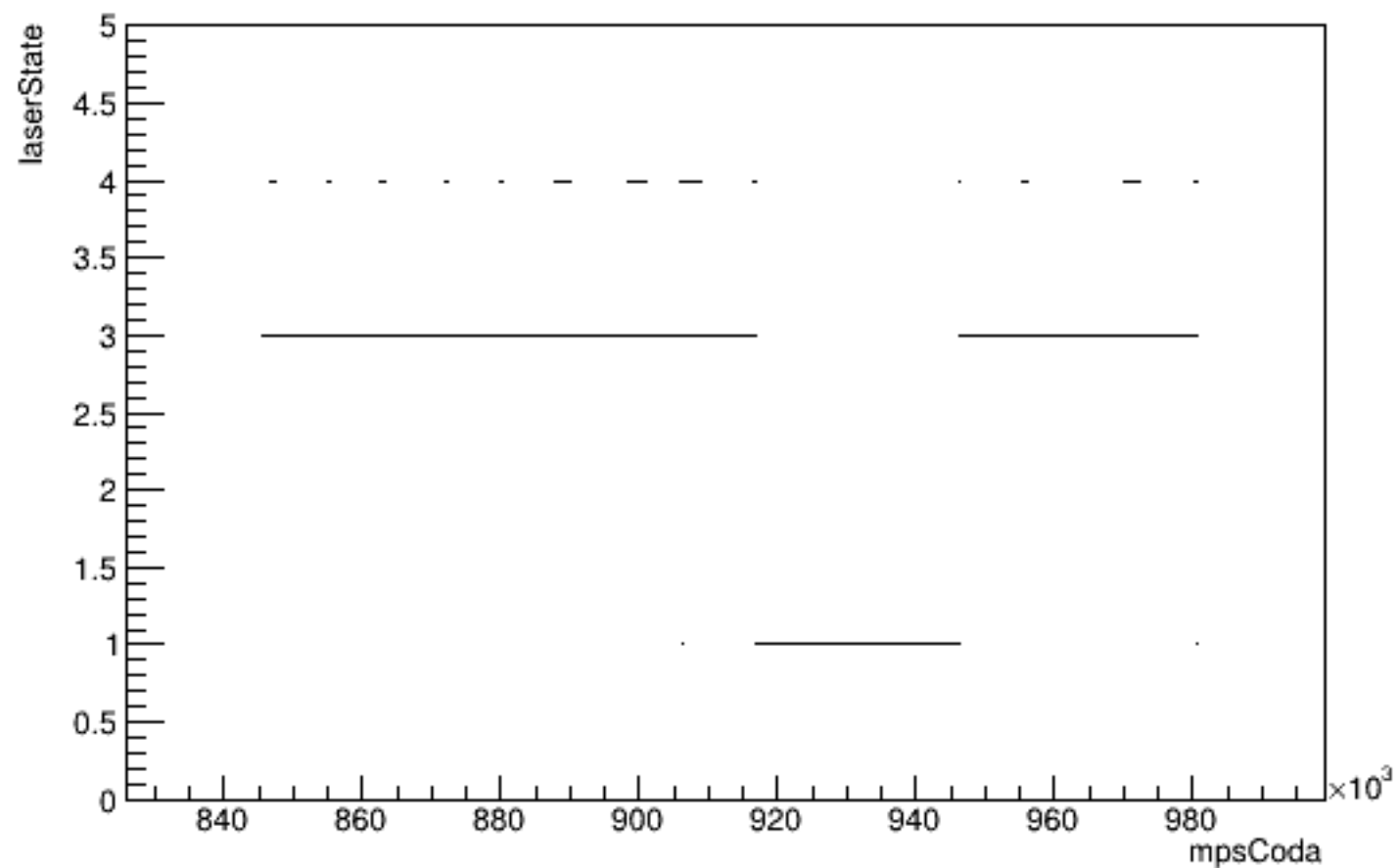
Run 4343 quartetwise, Asyms



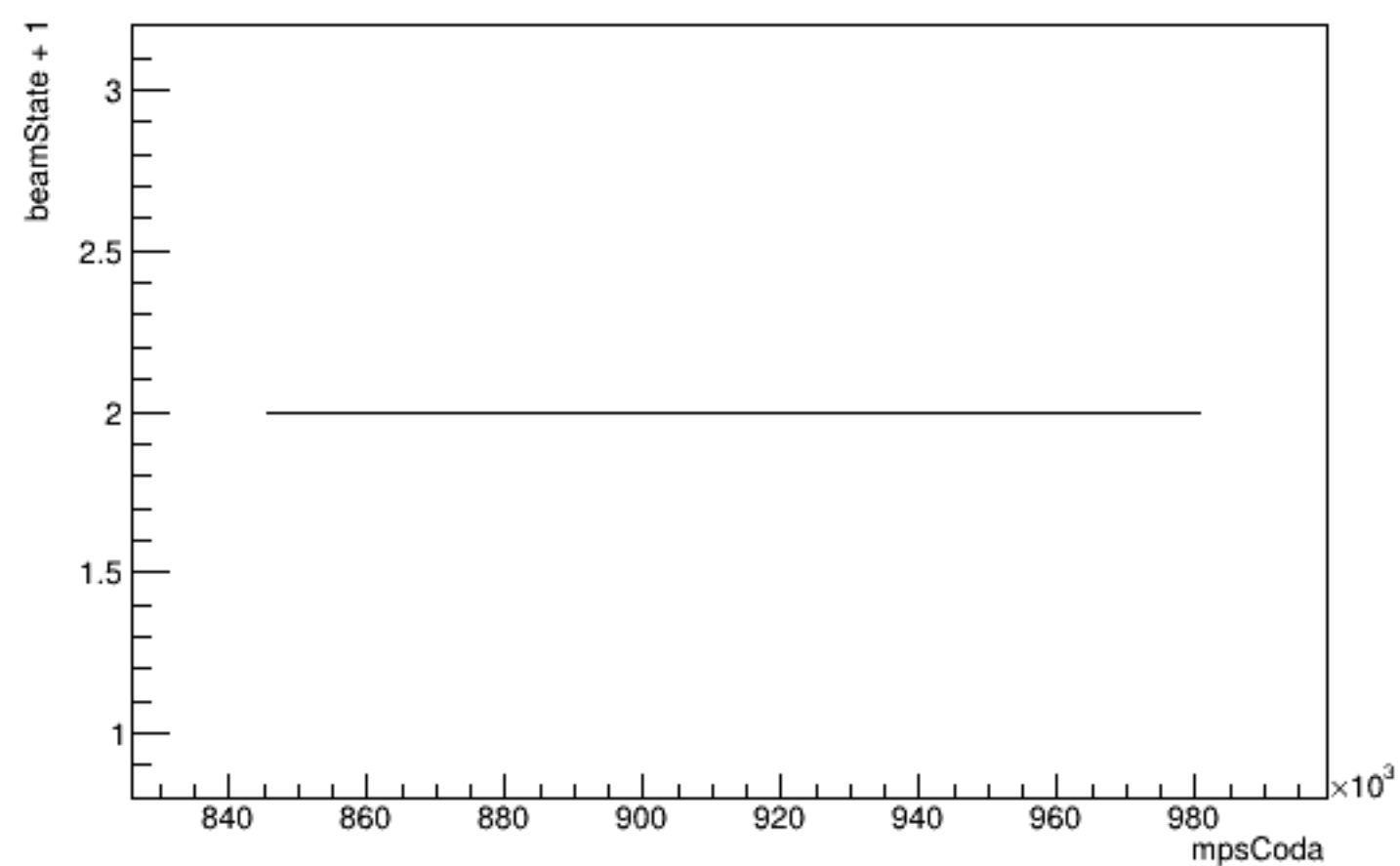
Acc0/NAcc0:mpsCoda (mpsCoda>=845511 && mpsCoda<=980542 && beamState==1)



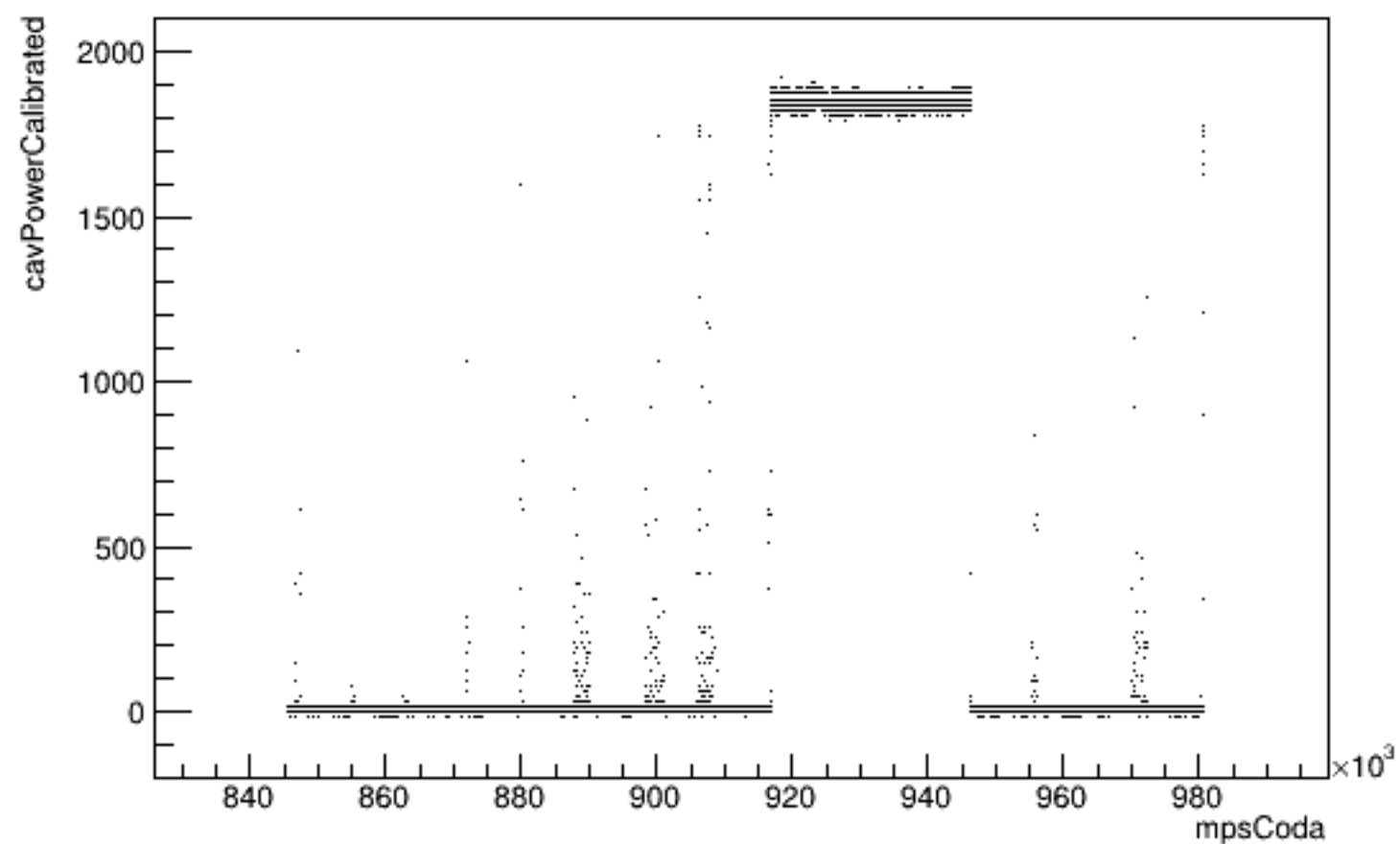
laserState:mpsCoda {mpsCoda>=845511 && mpsCoda<=980542}



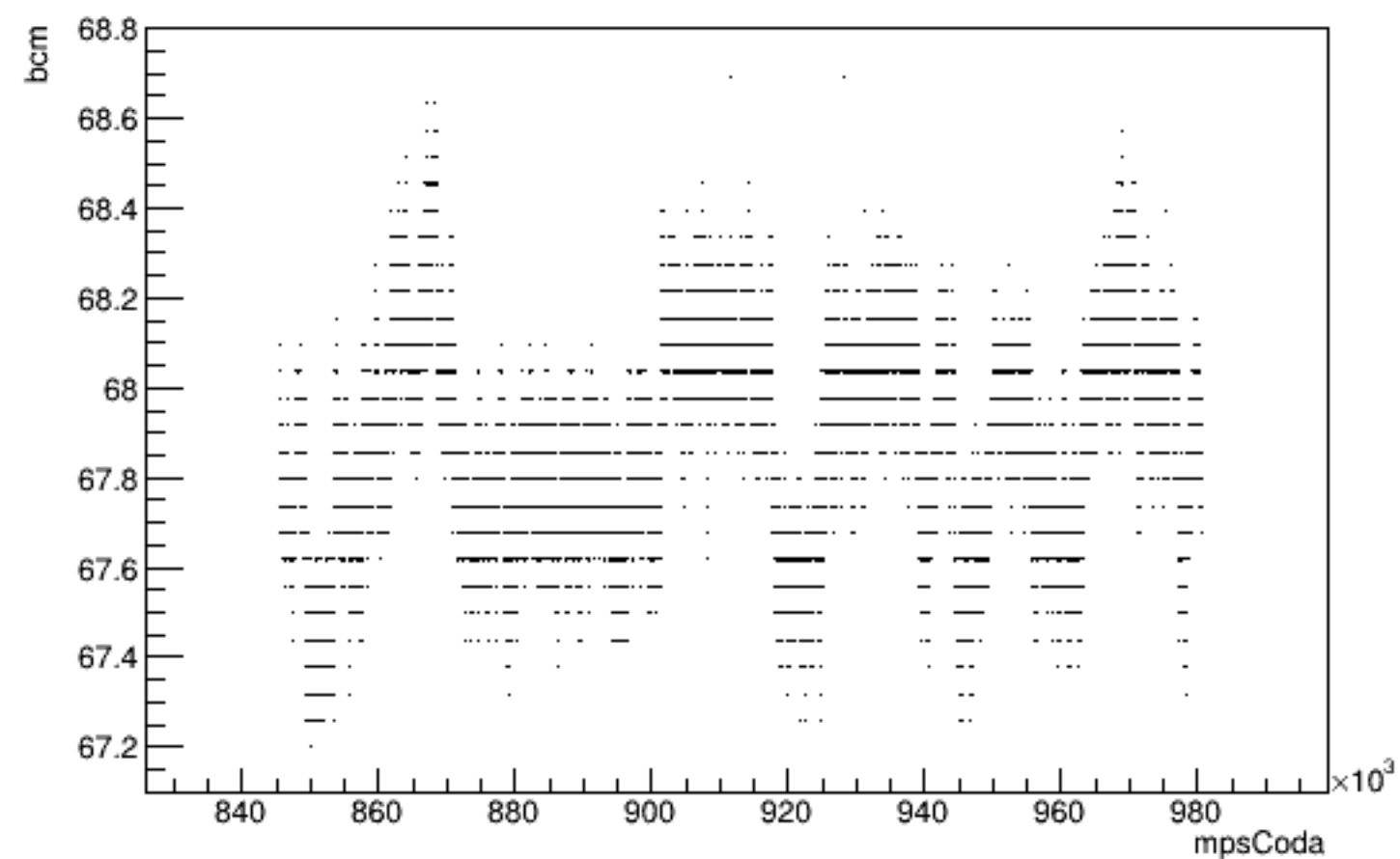
beamState + 1:mpsCoda {mpsCoda>=845511 && mpsCoda<=980542}



cavPowerCalibrated:mpsCoda {mpsCoda>=845511 && mpsCoda<=980542}



bcm:mpsCoda {mpsCoda>=845511 && mpsCoda<=980542}



Cycle 14, Diffs

Entries: 4254

Mean: 0.0113 +/- 0.0039

Std Dev: 0.2568 +/- 0.0028

Entries: 3766

Mean: 0.0692 +/- 0.0049

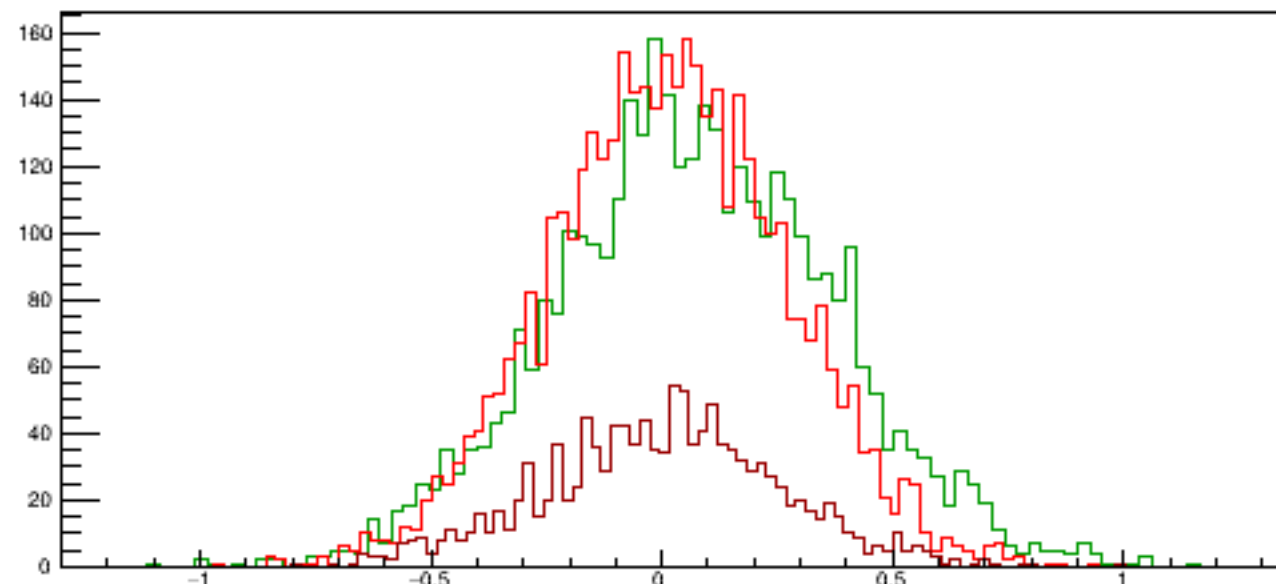
Std Dev: 0.3029 +/- 0.0035

Entries: 1270

Mean: -0.0007 +/- 0.0072

Std Dev: 0.2559 +/- 0.0051

Run 4343 quartetwise, Diffs



Cycle 14, Sums

Entries: 4254

Mean: 12.2389 +/- 0.0053

Std Dev: 0.3453 +/- 0.0037

Entries: 3766

Mean: 16.4006 +/- 0.0073

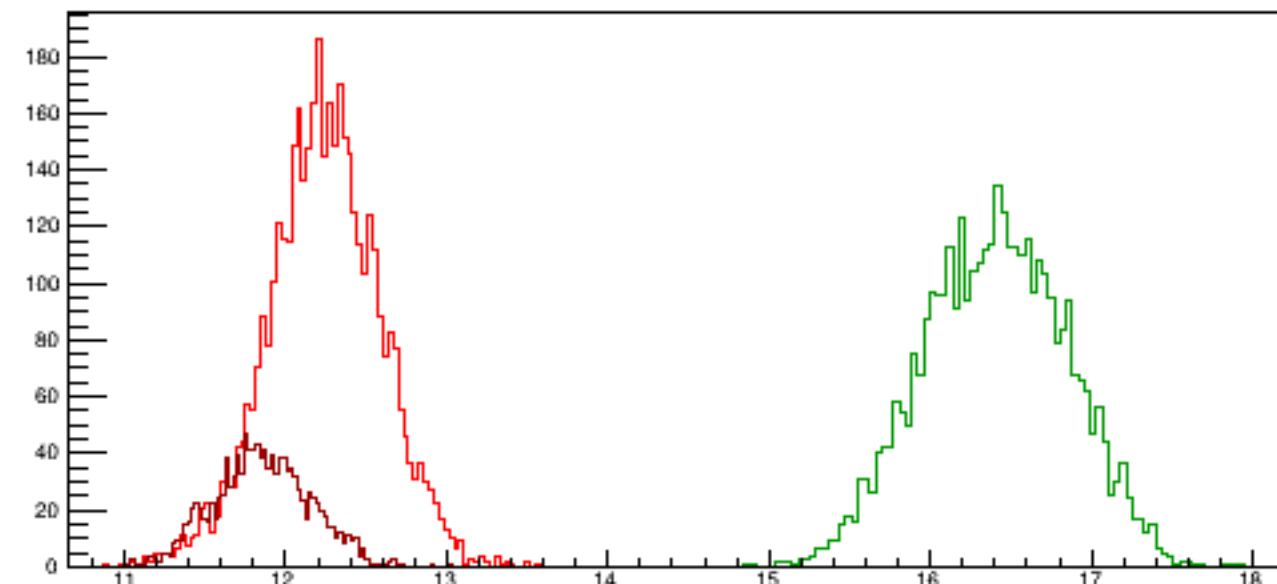
Std Dev: 0.4457 +/- 0.0051

Entries: 1270

Mean: 11.8540 +/- 0.0084

Std Dev: 0.2983 +/- 0.0059

Run 4343 quartetwise, Sums



Cycle 14, Asyms

Entries: 4254

Mean: 0.0026 +/- 0.0009

Std Dev: 0.0590 +/- 0.0006

Entries: 3766

Mean: 0.0158 +/- 0.0011

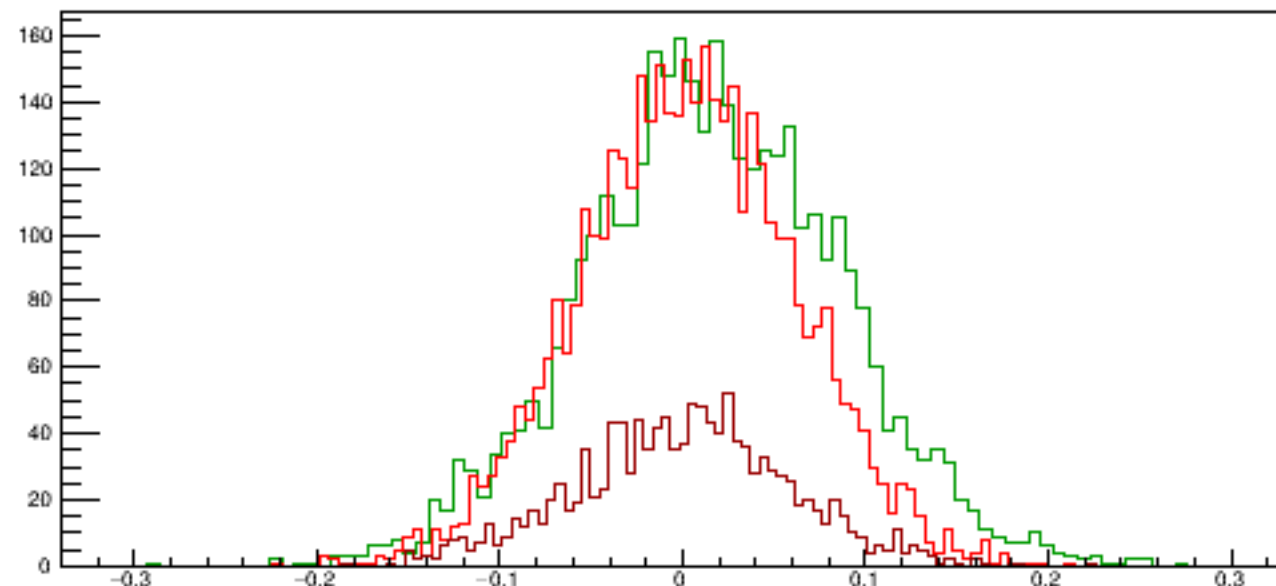
Std Dev: 0.0702 +/- 0.0008

Entries: 1270

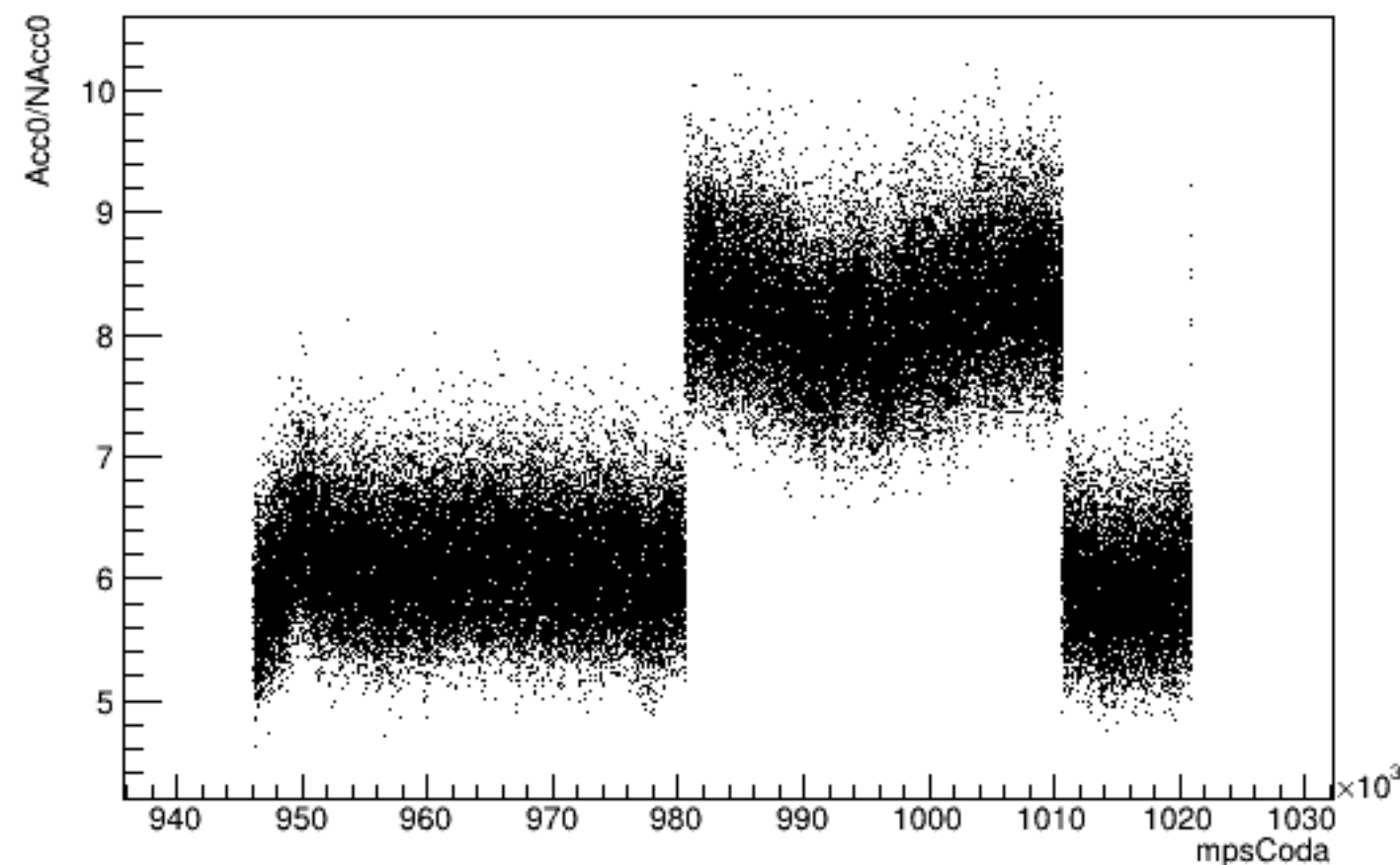
Mean: -0.0002 +/- 0.0016

Std Dev: 0.0588 +/- 0.0012

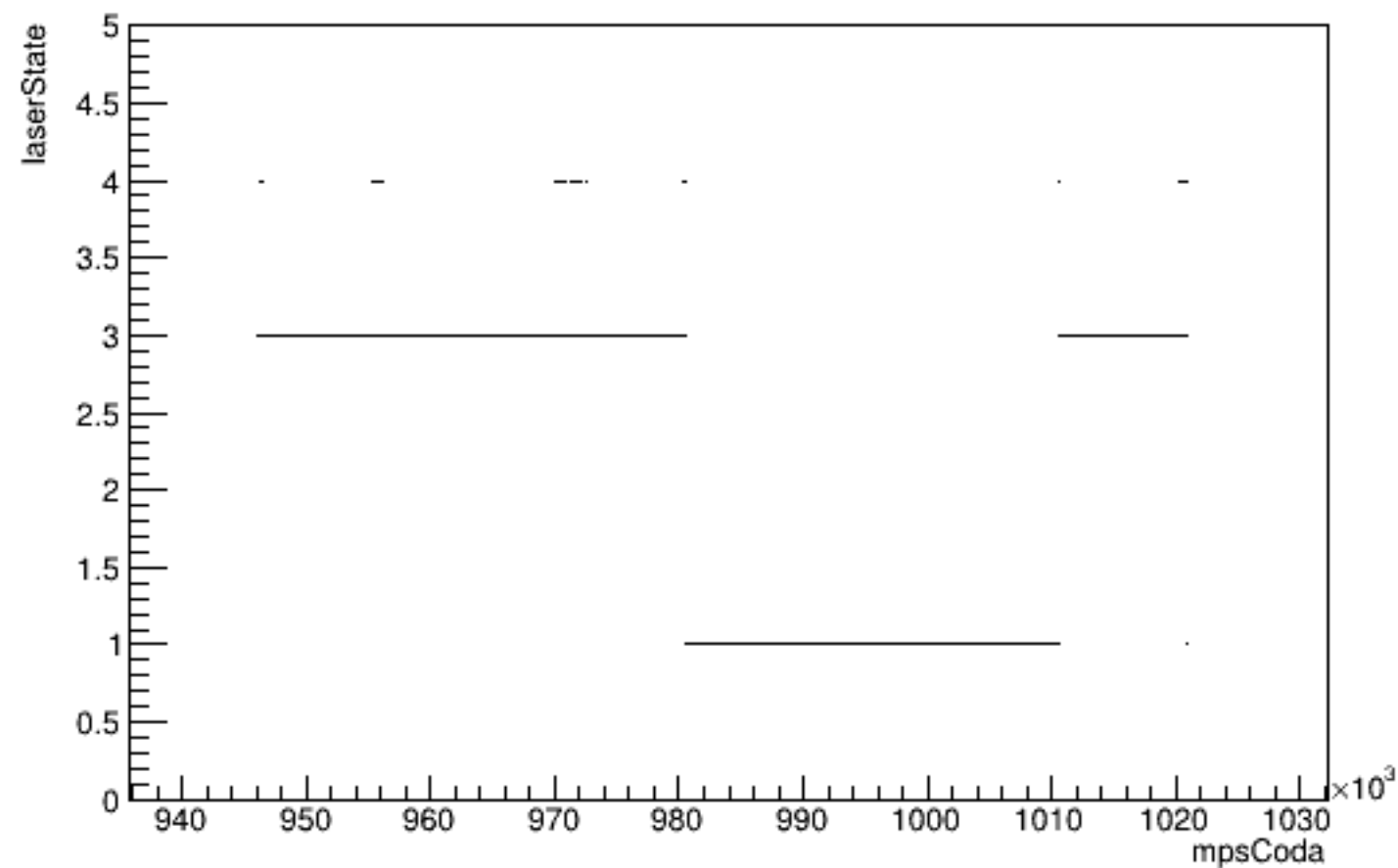
Run 4343 quartetwise, Asyms



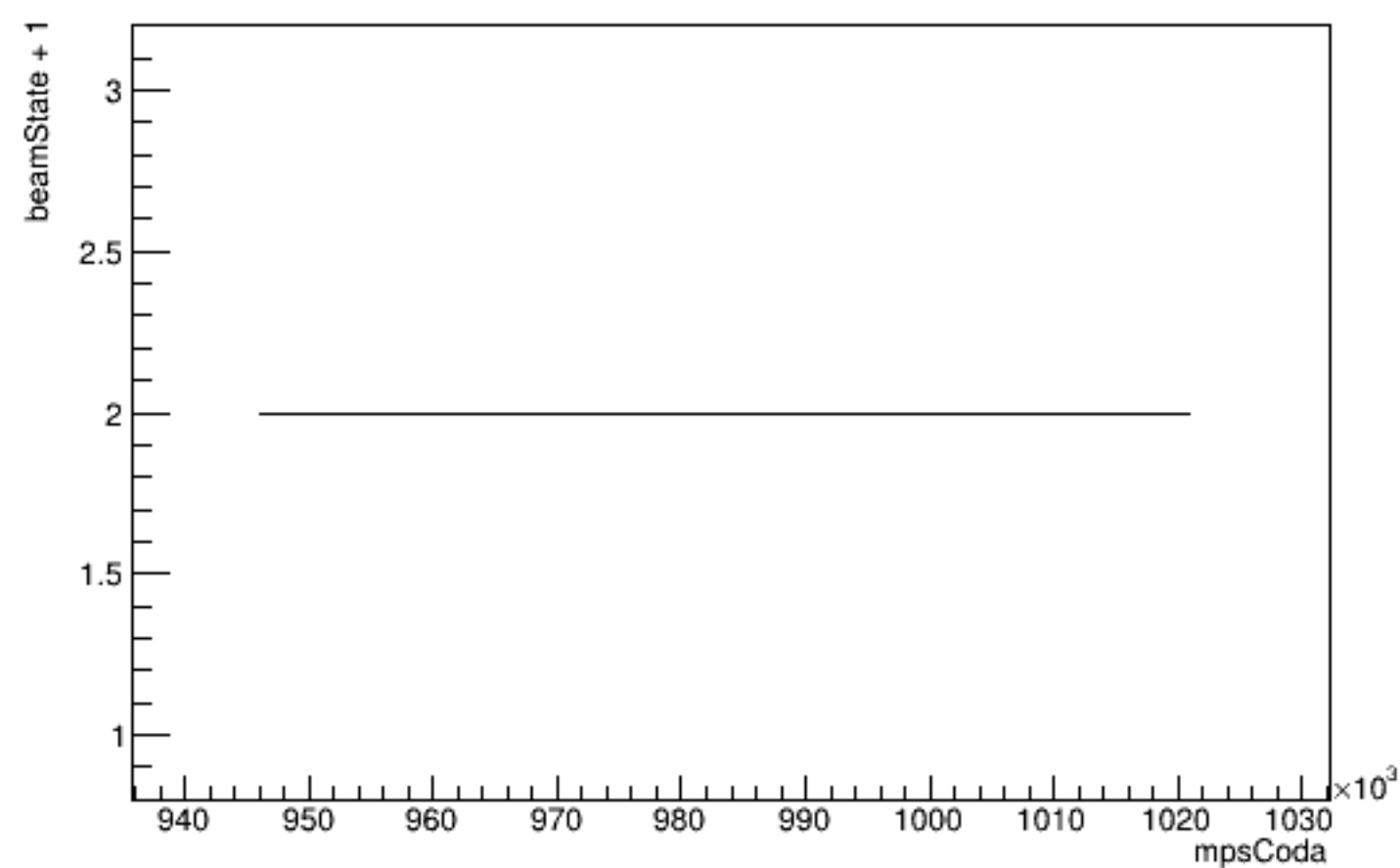
Acc0/NAcc0:mpsCoda (mpsCoda>=946119 && mpsCoda<=1020942 && beamState==1)



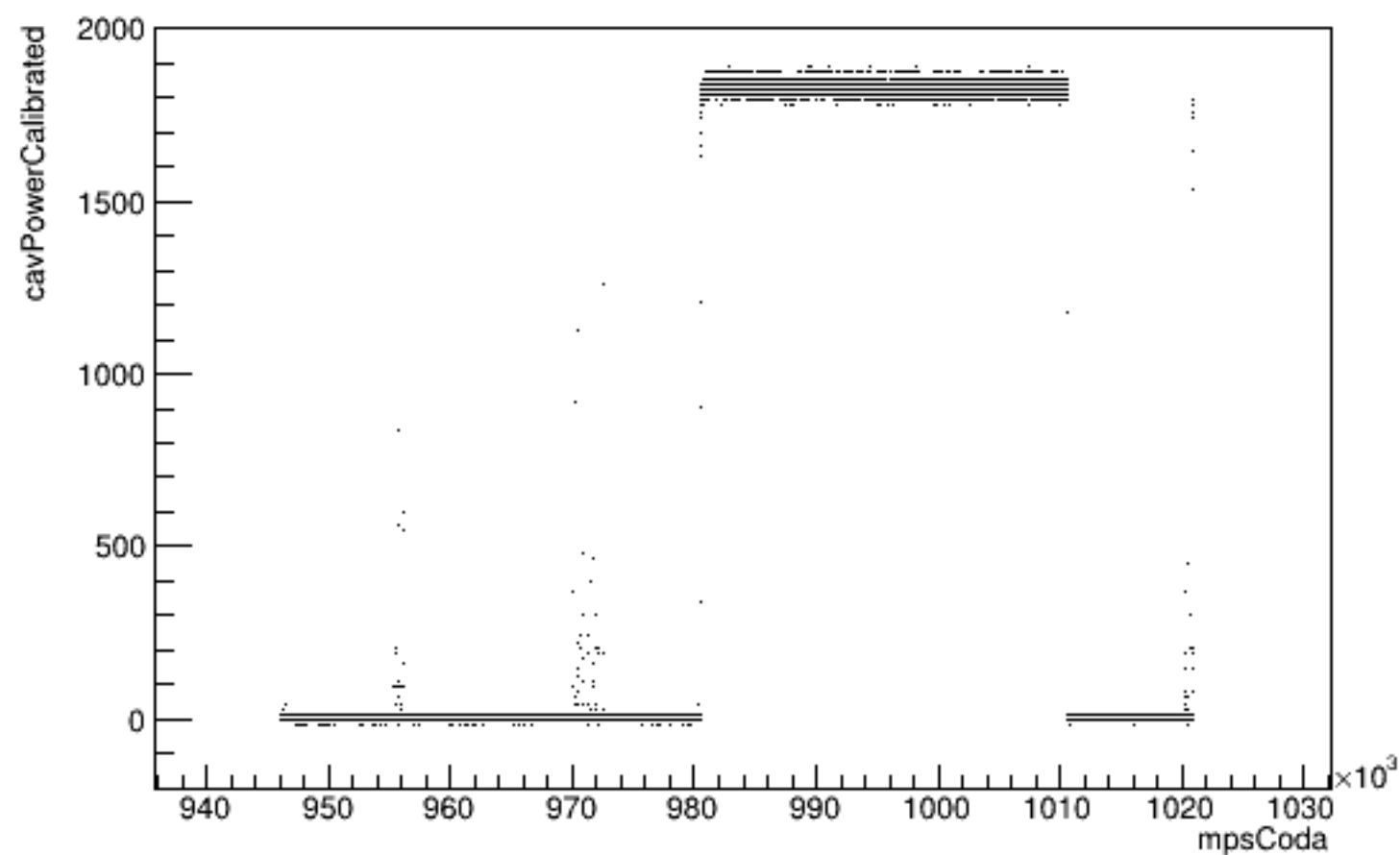
laserState:mpsCoda {mpsCoda>=946119 && mpsCoda<=1020942}



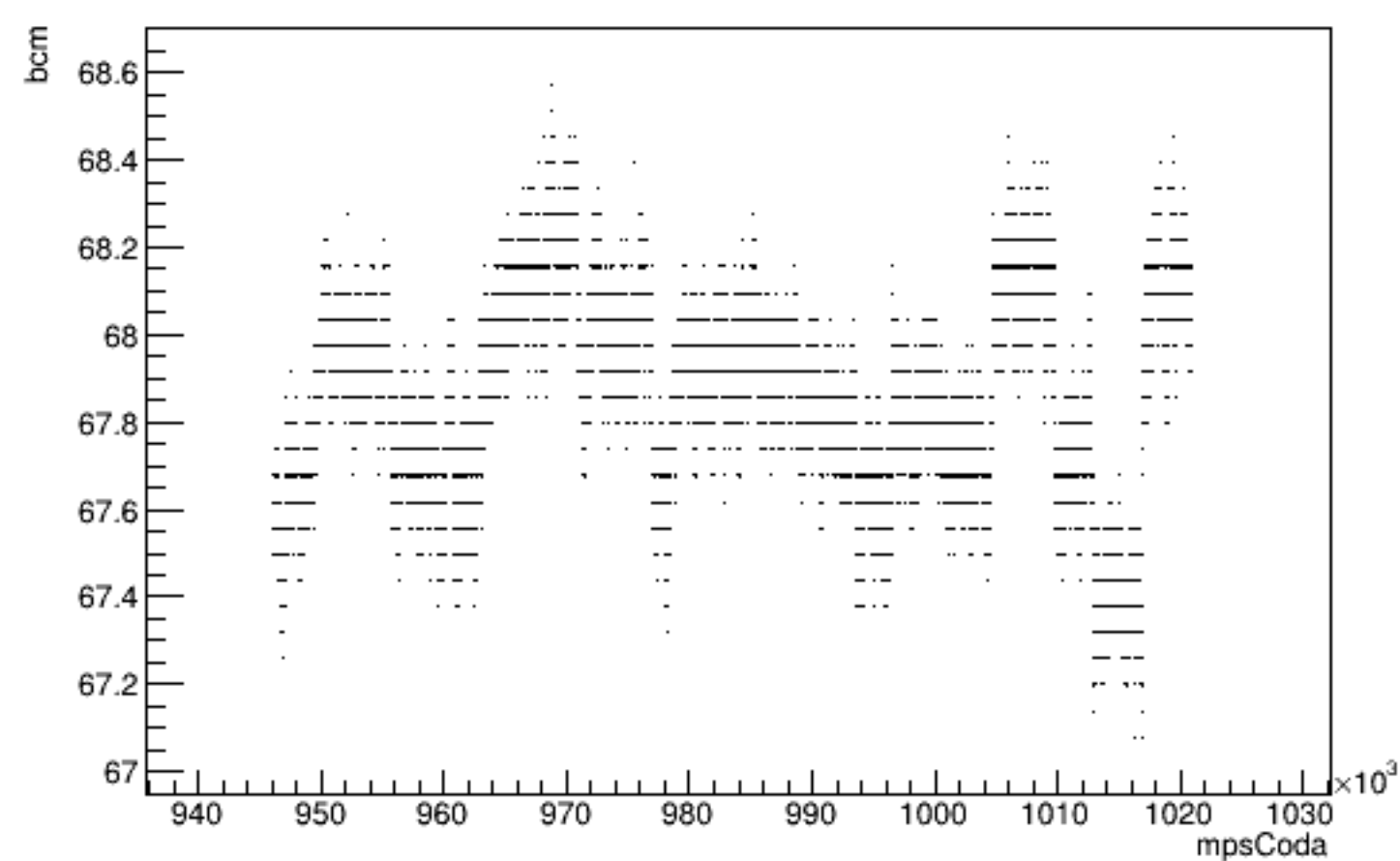
beamState + 1:mpsCoda {mpsCoda>=946119 && mpsCoda<=1020942}



cavPowerCalibrated:mpsCoda {mpsCoda>=946119 && mpsCoda<=1020942}



bcm:mpsCoda {mpsCoda>=946119 && mpsCoda<=1020942}



Cycle 15, Diffs

Entries: 1270

Mean: -0.0007 +/- 0.0072

Std Dev: 0.2559 +/- 0.0051

Entries: 3763

Mean: 0.0680 +/- 0.0048

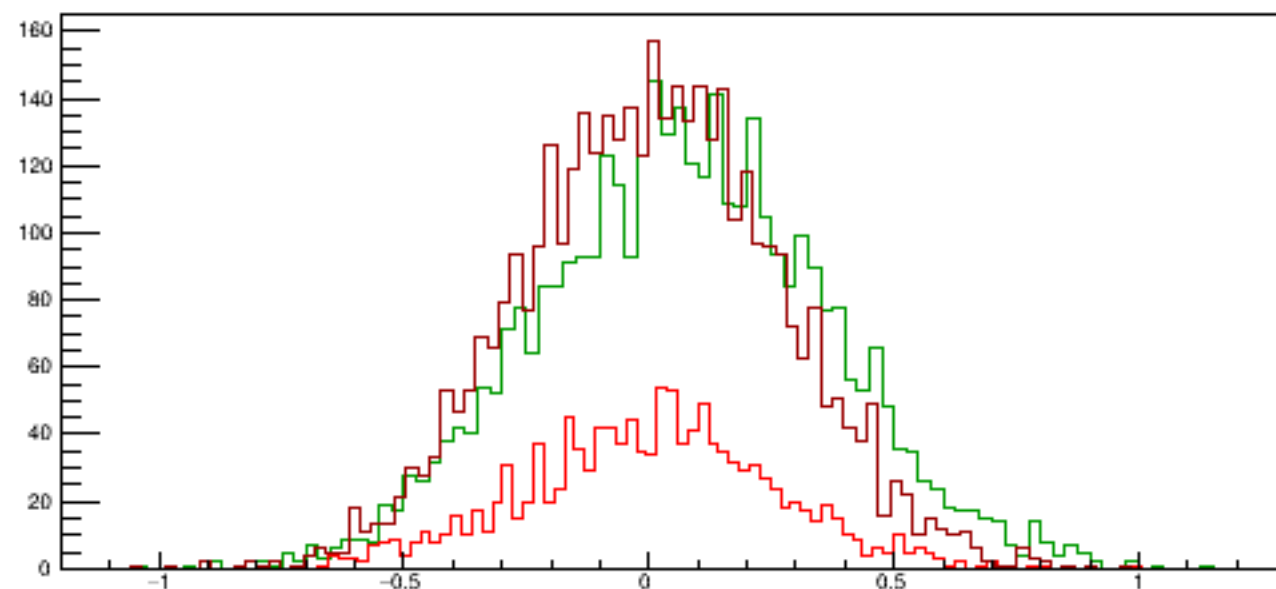
Std Dev: 0.2952 +/- 0.0034

Entries: 4036

Mean: 0.0046 +/- 0.0041

Std Dev: 0.2636 +/- 0.0029

Run 4343 quartetwise, Diffs



Cycle 15, Sums

Entries: 1270

Mean: 11.8540 +/- 0.0084

Std Dev: 0.2983 +/- 0.0059

Entries: 3763

Mean: 16.7311 +/- 0.0067

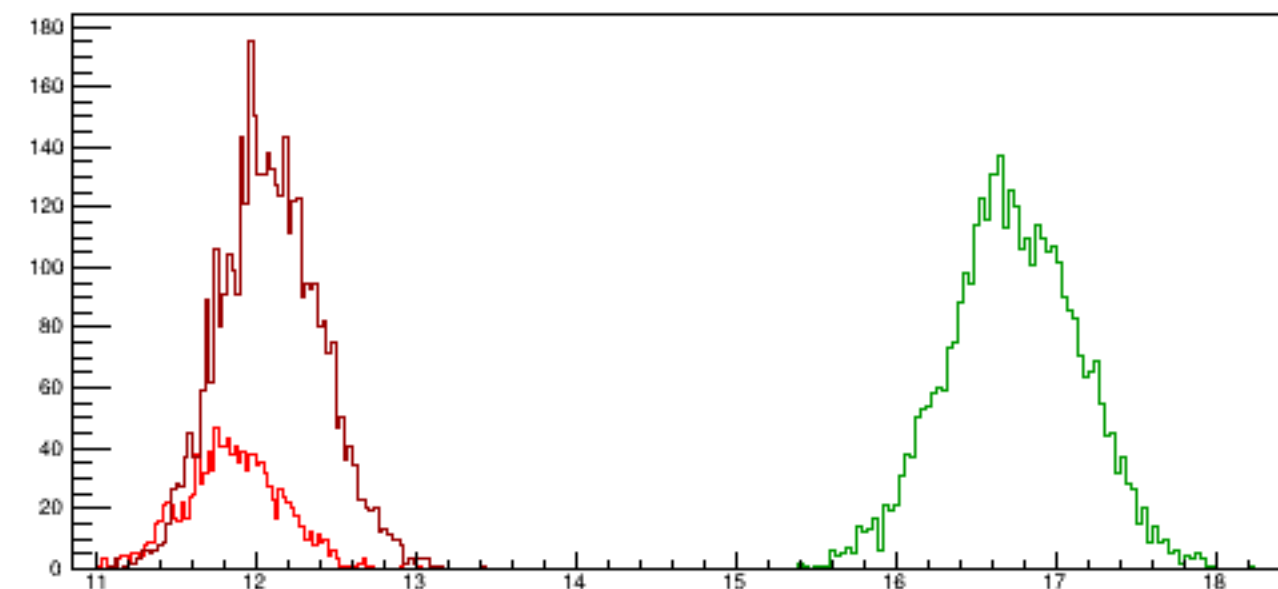
Std Dev: 0.4112 +/- 0.0047

Entries: 4036

Mean: 12.0894 +/- 0.0049

Std Dev: 0.3139 +/- 0.0035

Run 4343 quartetwise, Sums



Cycle 15, Asyms

Entries: 1270

Mean: -0.0002 +/- 0.0015

Std Dev: 0.0538 +/- 0.0011

Entries: 3763

Mean: 0.0143 +/- 0.0010

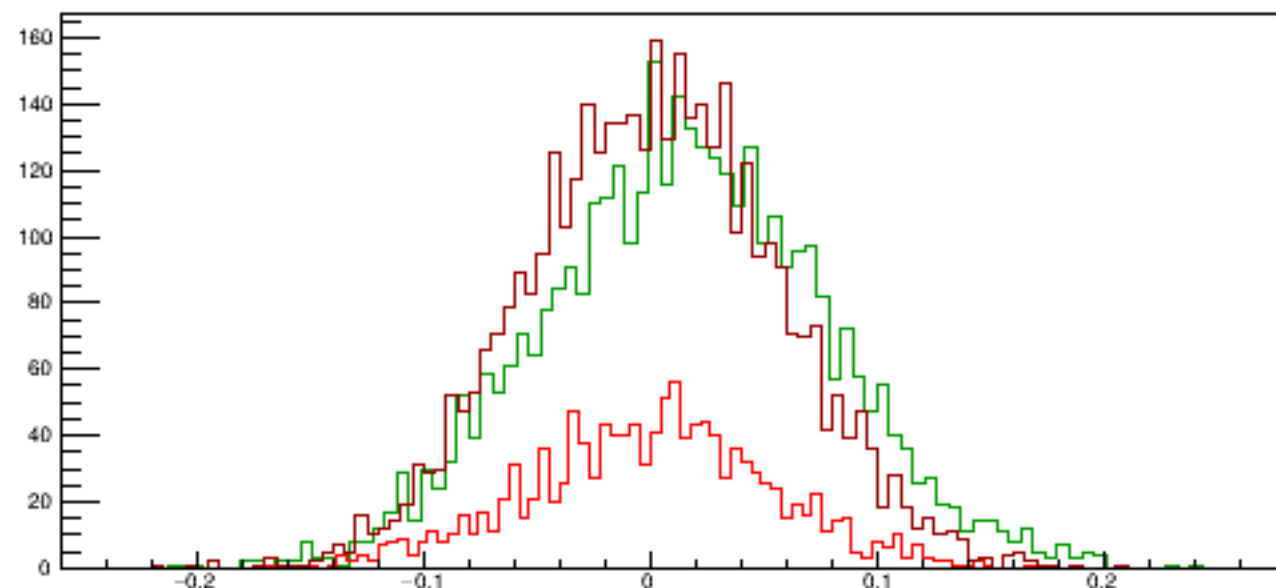
Std Dev: 0.0625 +/- 0.0007

Entries: 4036

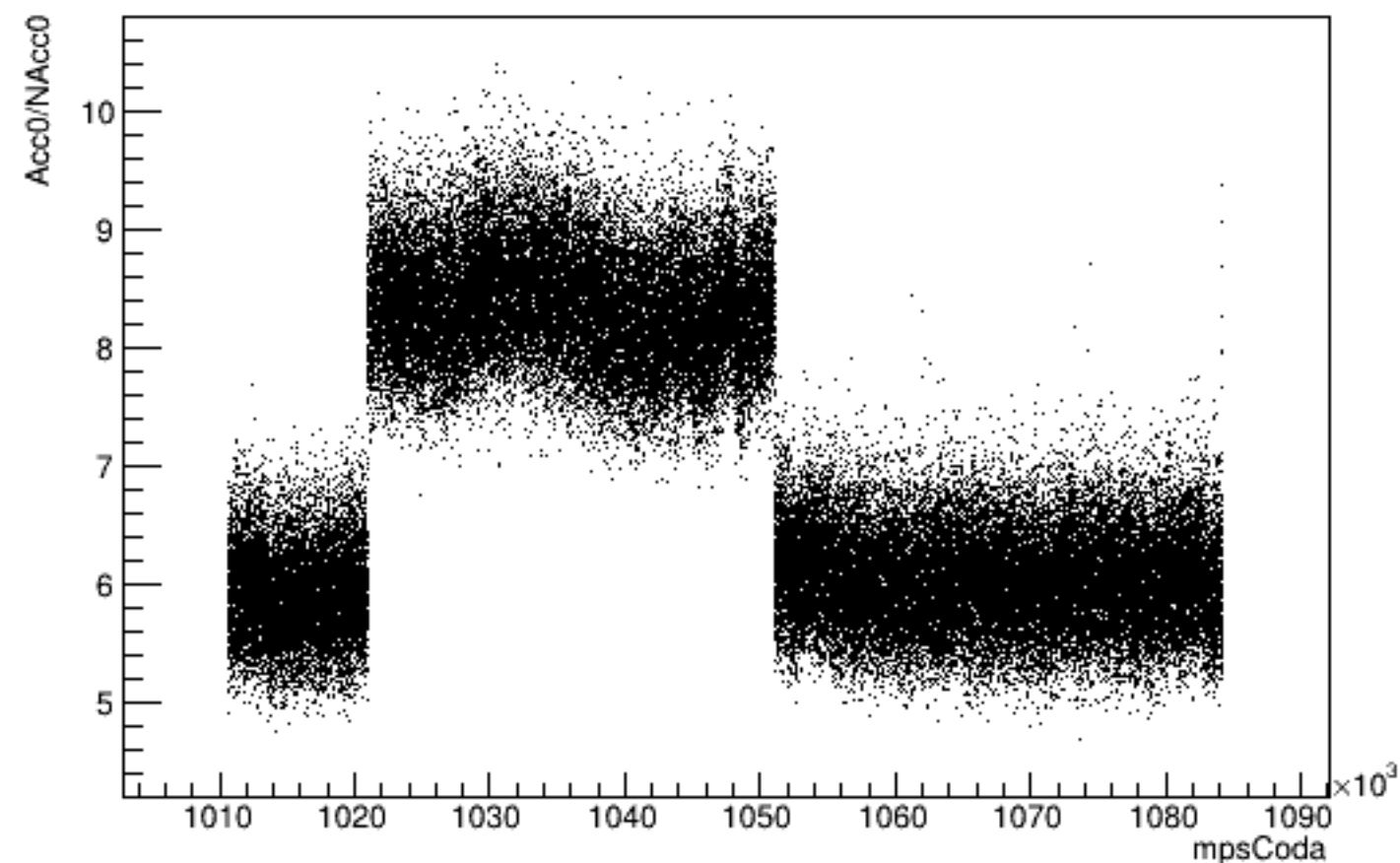
Mean: 0.0010 +/- 0.0009

Std Dev: 0.0554 +/- 0.0006

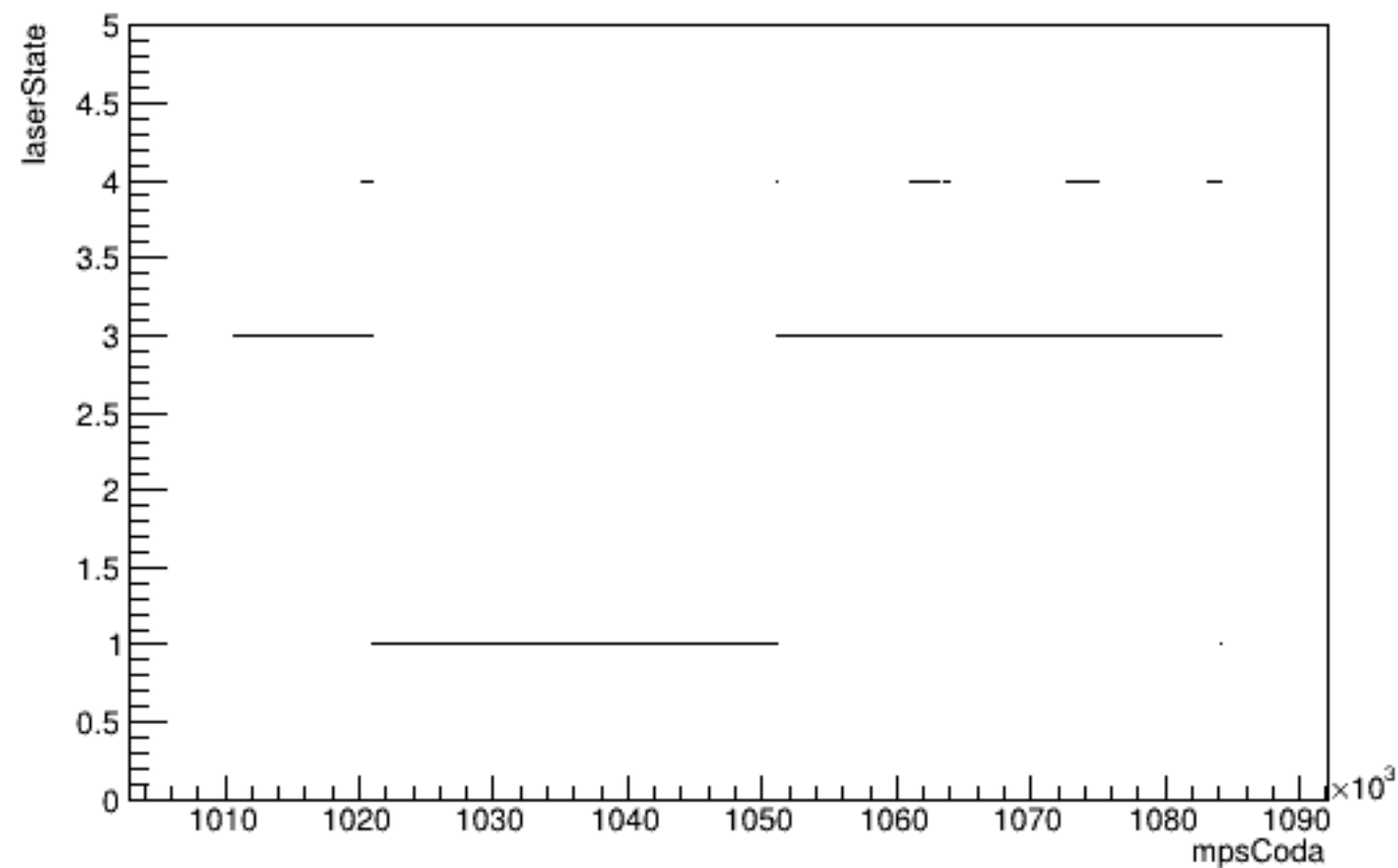
Run 4343 quartetwise, Asyms



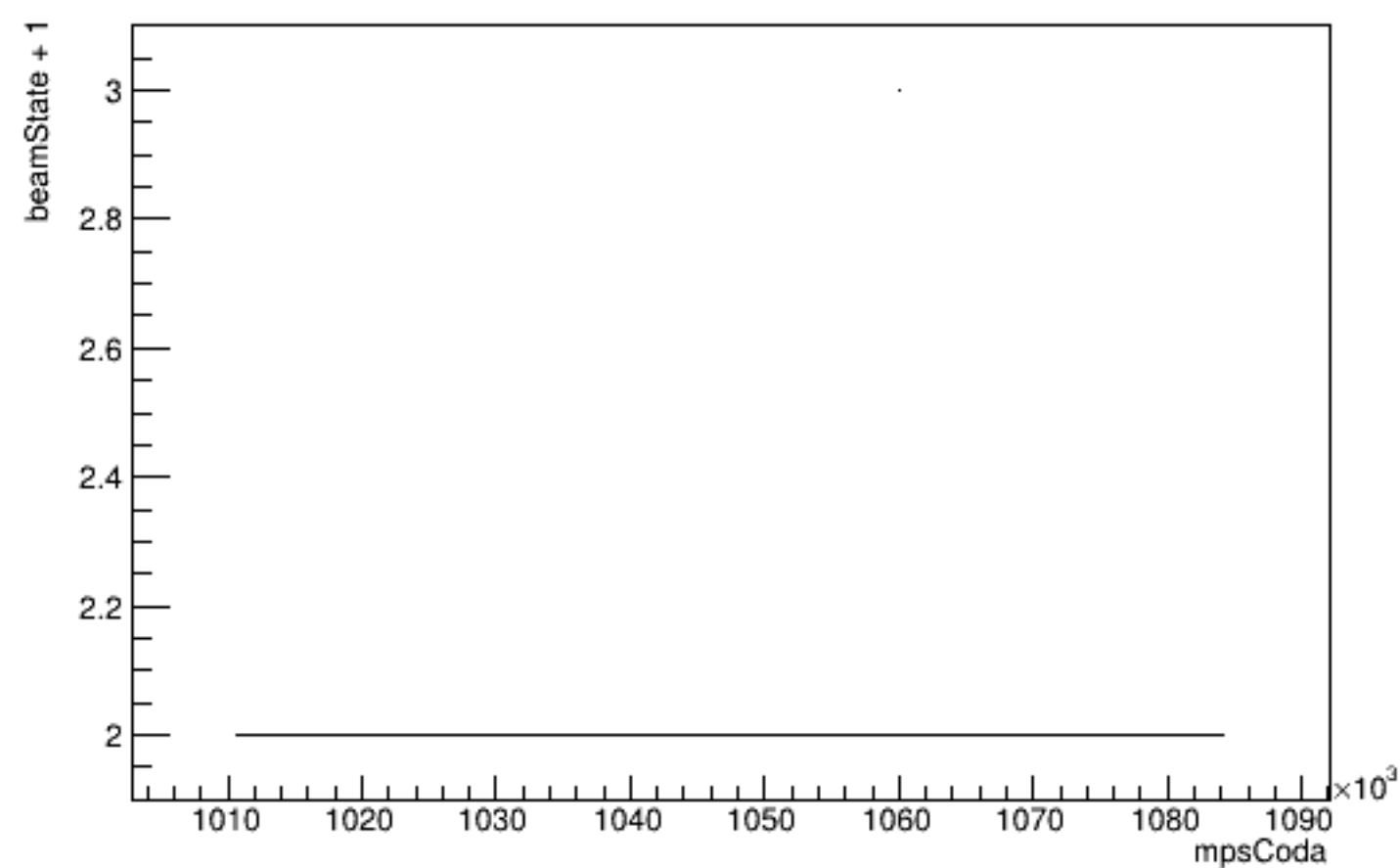
Acc0/NAcc0:mpsCoda (mpsCoda>=1010679 && mpsCoda<=1084190 && beamState==1)



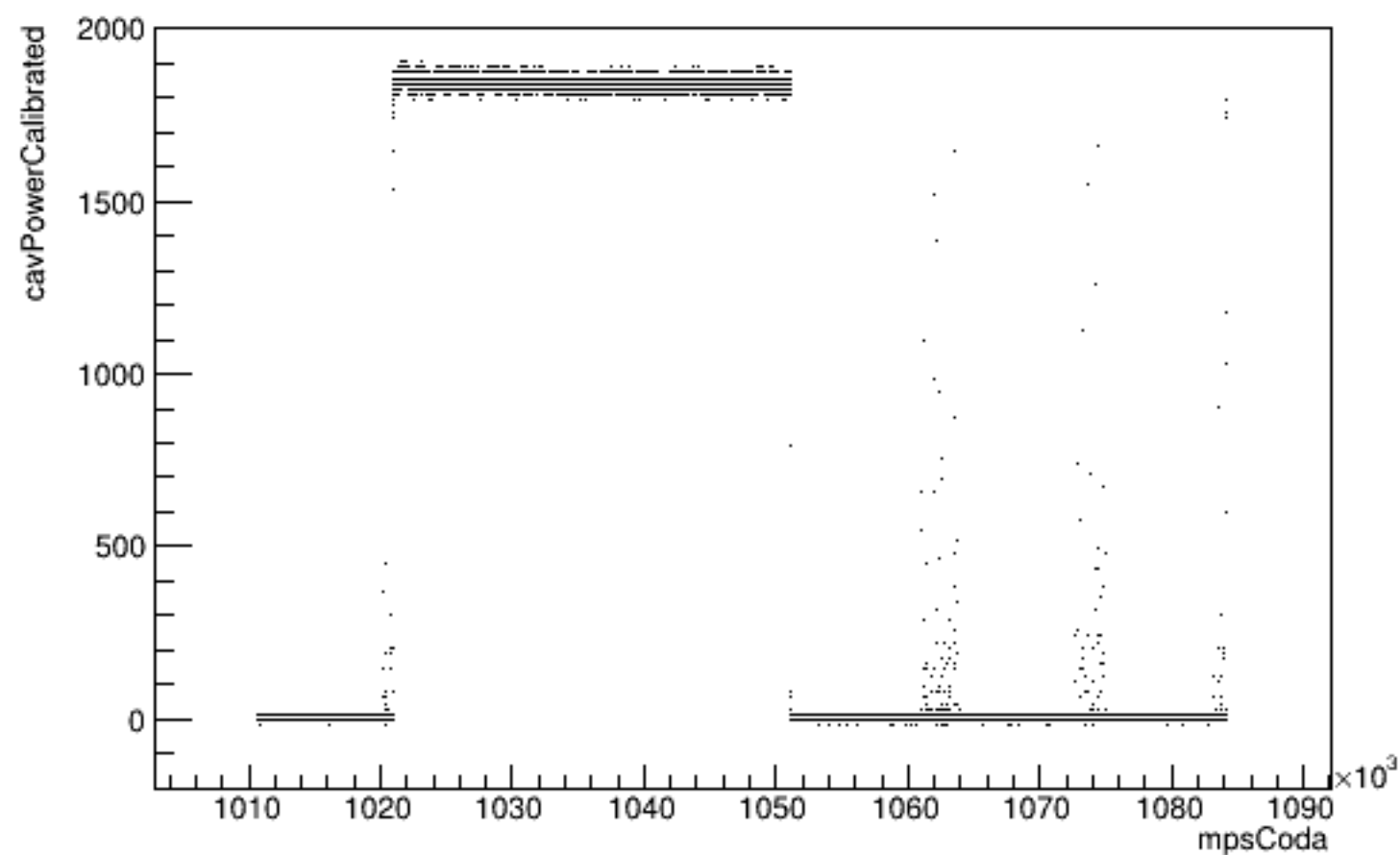
laserState:mpsCoda {mpsCoda>=1010679 && mpsCoda<=1084190}



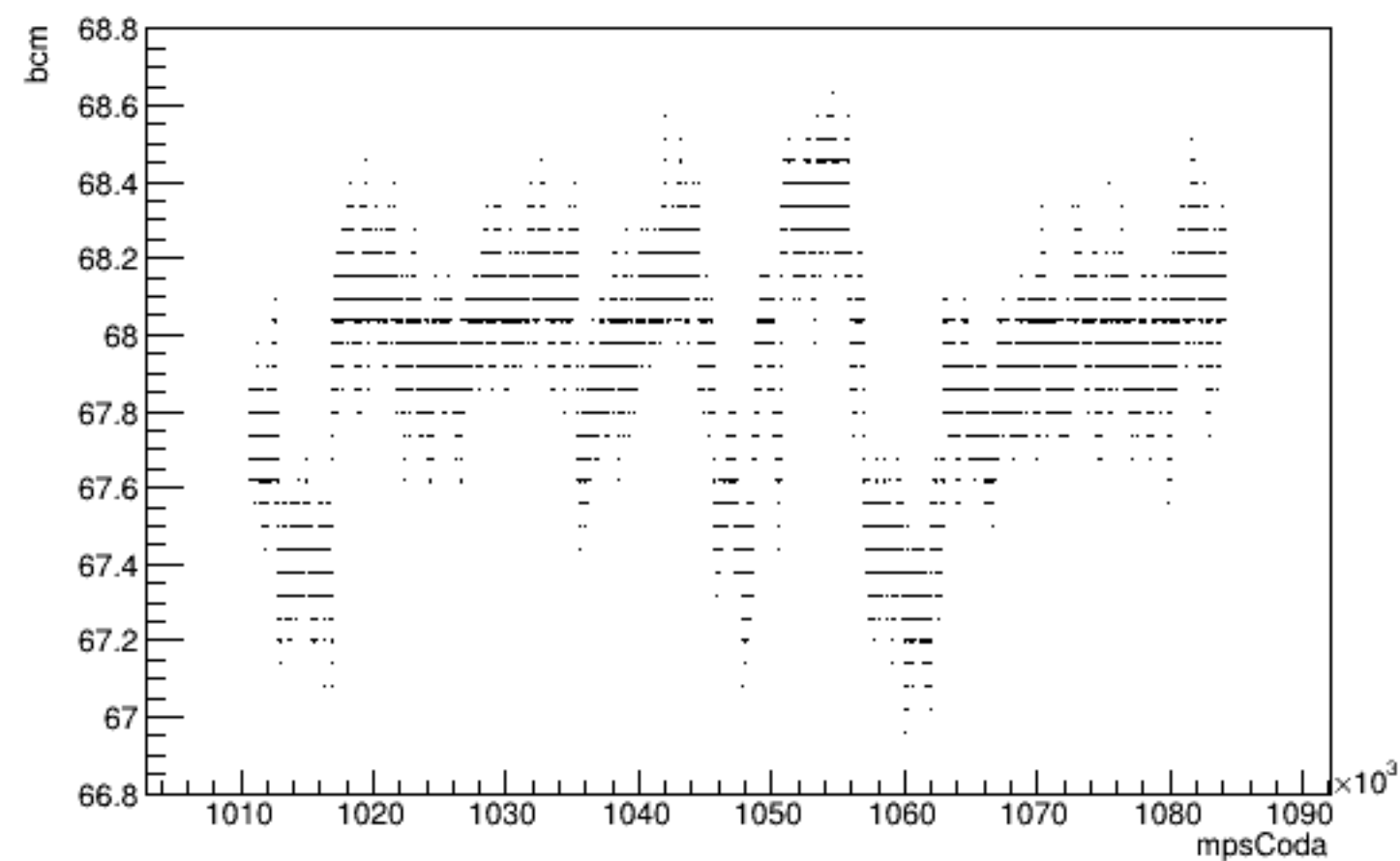
beamState + 1:mpsCoda {mpsCoda>=1010679 && mpsCoda<=1084190}



cavPowerCalibrated:mpsCoda {mpsCoda>=1010679 && mpsCoda<=1084190}



bcm:mpsCoda {mpsCoda>=1010679 && mpsCoda<=1084190}



Cycle 16, Diffs

Entries: 4036

Mean: 0.0046 +/- 0.0041

Std Dev: 0.2636 +/- 0.0029

Entries: 3684

Mean: 0.0713 +/- 0.0050

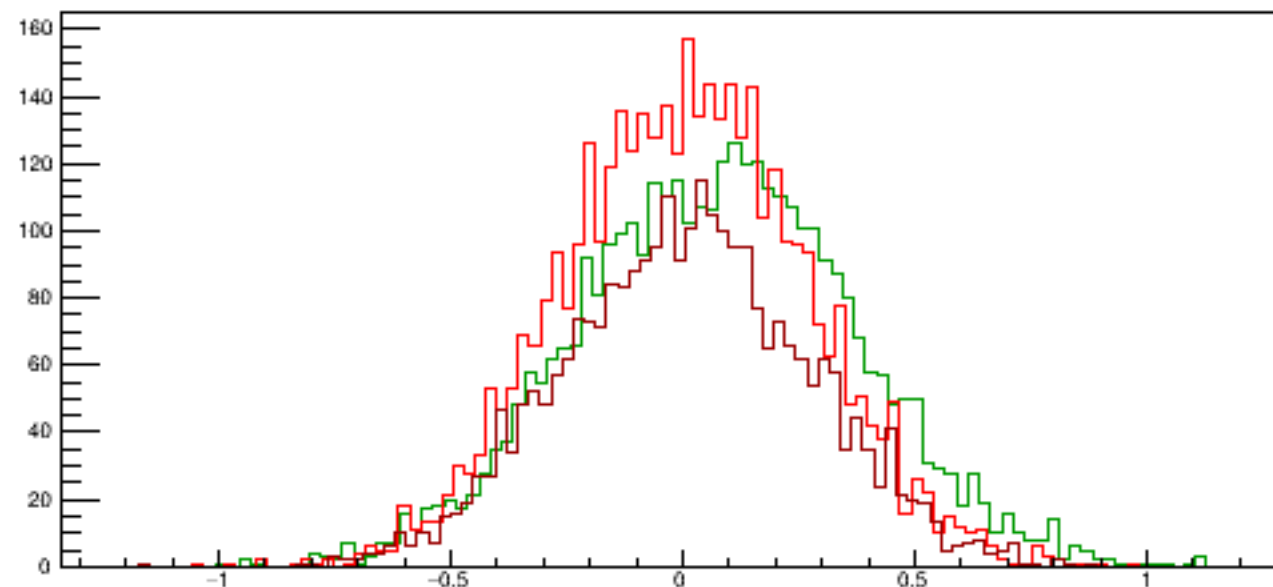
Std Dev: 0.3015 +/- 0.0035

Entries: 2797

Mean: 0.0083 +/- 0.0050

Std Dev: 0.2660 +/- 0.0036

Run 4343 quartetwise, Diffs



Cycle 16, Sums

Entries: 4036

Mean: 12.0894 +/- 0.0049

Std Dev: 0.3139 +/- 0.0035

Entries: 3684

Mean: 16.7592 +/- 0.0067

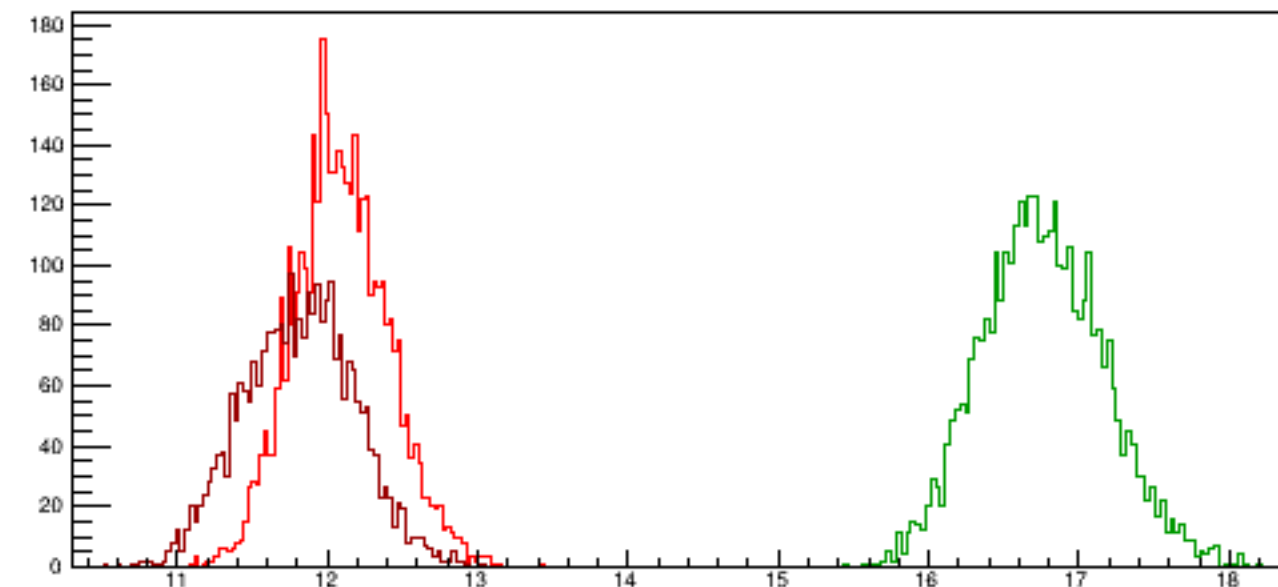
Std Dev: 0.4078 +/- 0.0048

Entries: 2797

Mean: 11.8153 +/- 0.0070

Std Dev: 0.3706 +/- 0.0050

Run 4343 quartetwise, Sums



Cycle 16, Asyms

Entries: 4036

Mean: 0.0010 +/- 0.0009

Std Dev: 0.0548 +/- 0.0006

Entries: 3684

Mean: 0.0149 +/- 0.0010

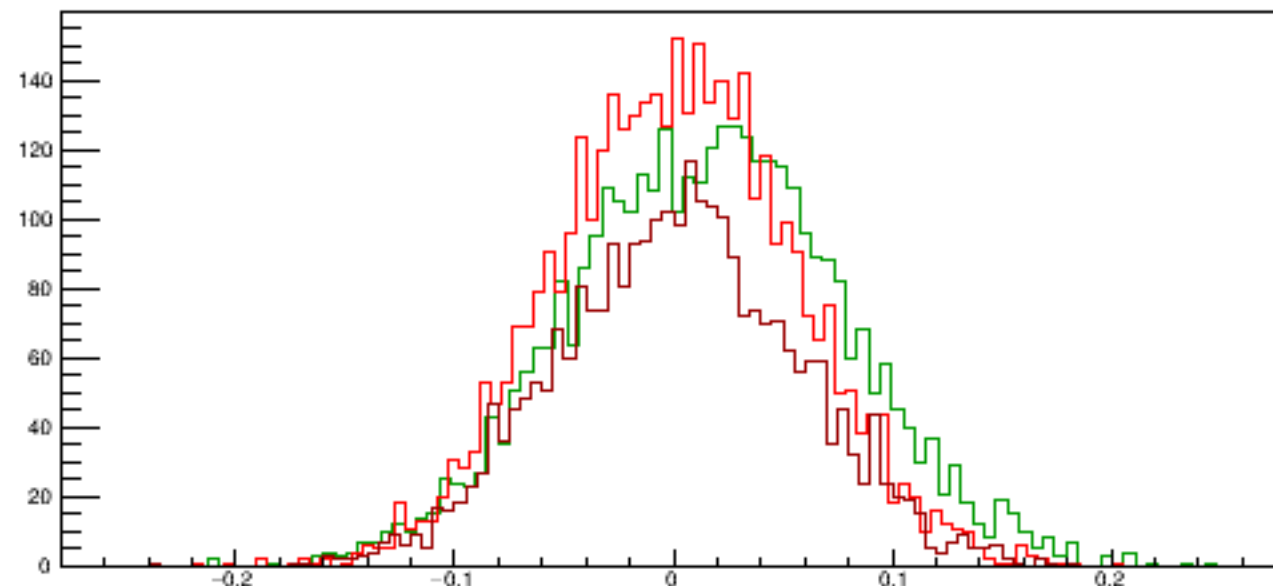
Std Dev: 0.0629 +/- 0.0007

Entries: 2797

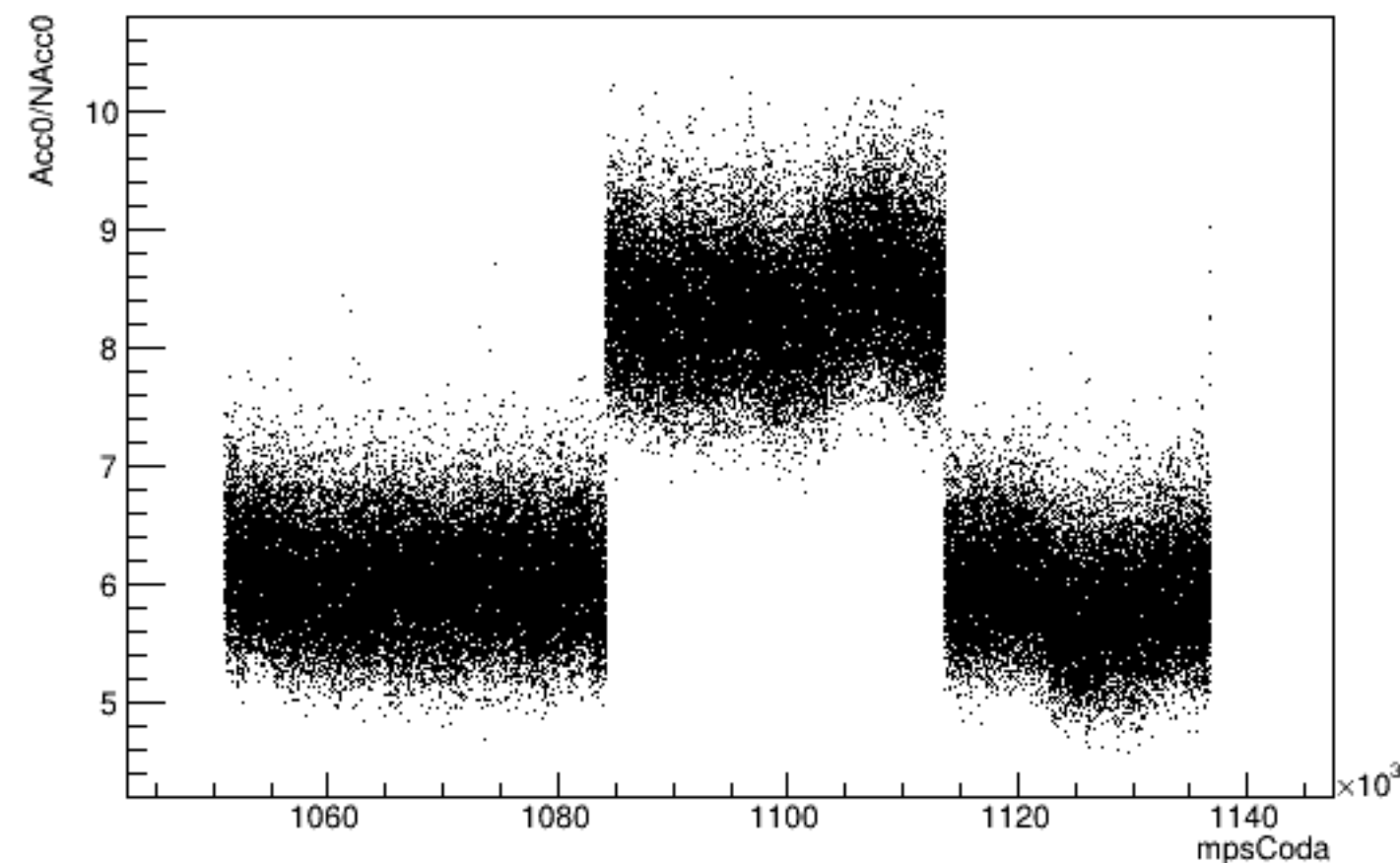
Mean: 0.0017 +/- 0.0010

Std Dev: 0.0553 +/- 0.0007

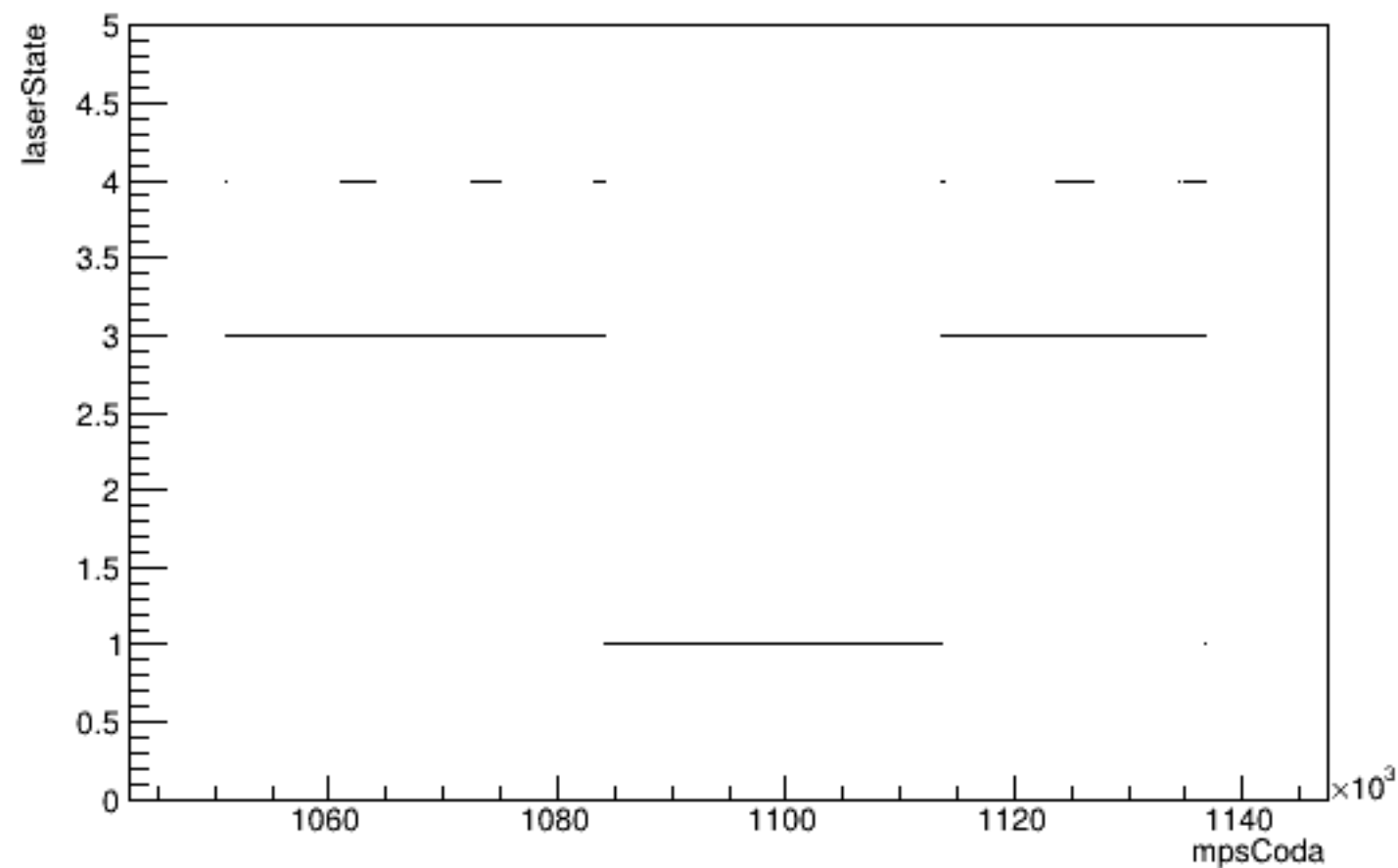
Run 4343 quartetwise, Asyms



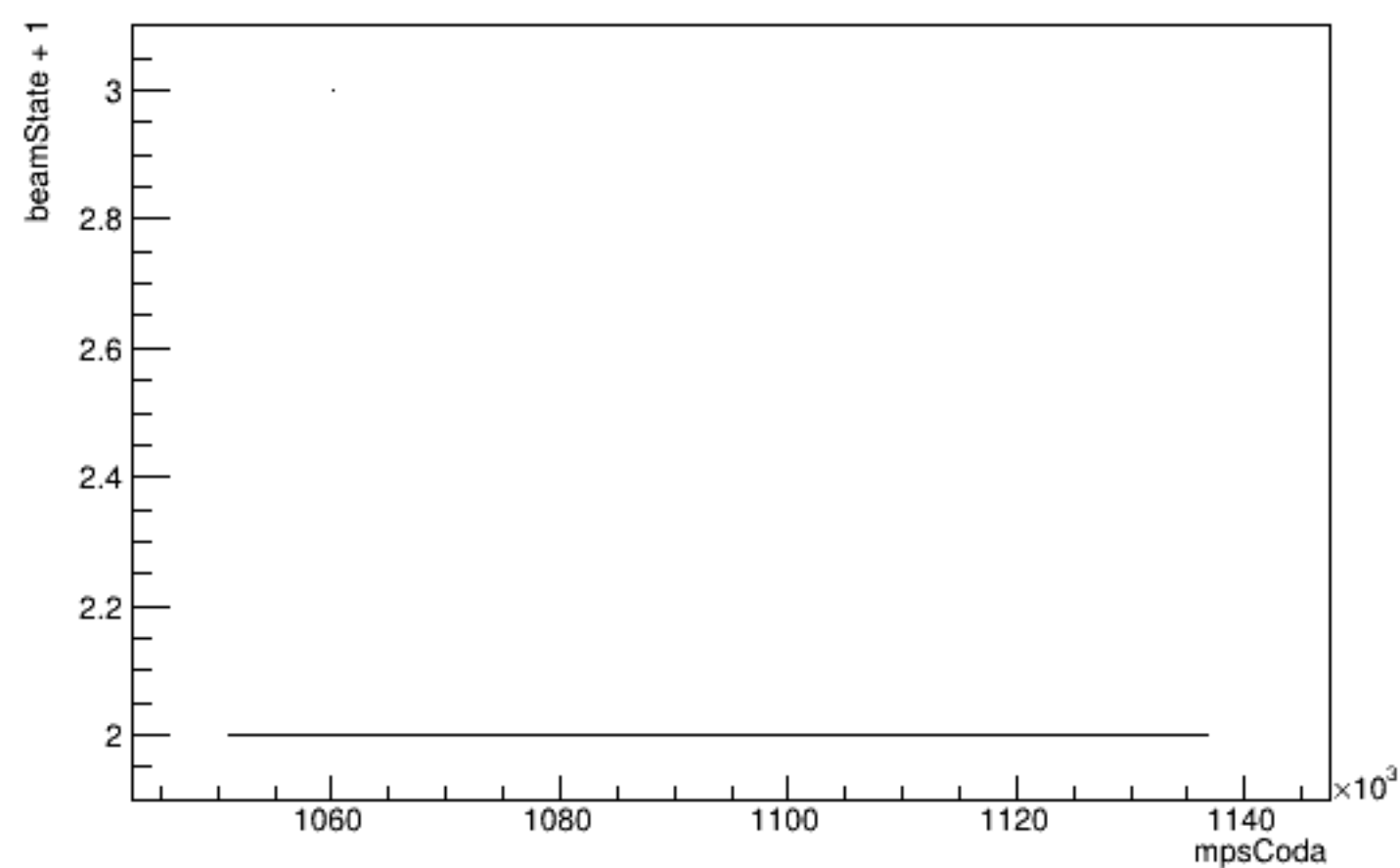
Acc0/NAcc0:mpsCoda (mpsCoda>=1051055 && mpsCoda<=1136742 && beamState==1)



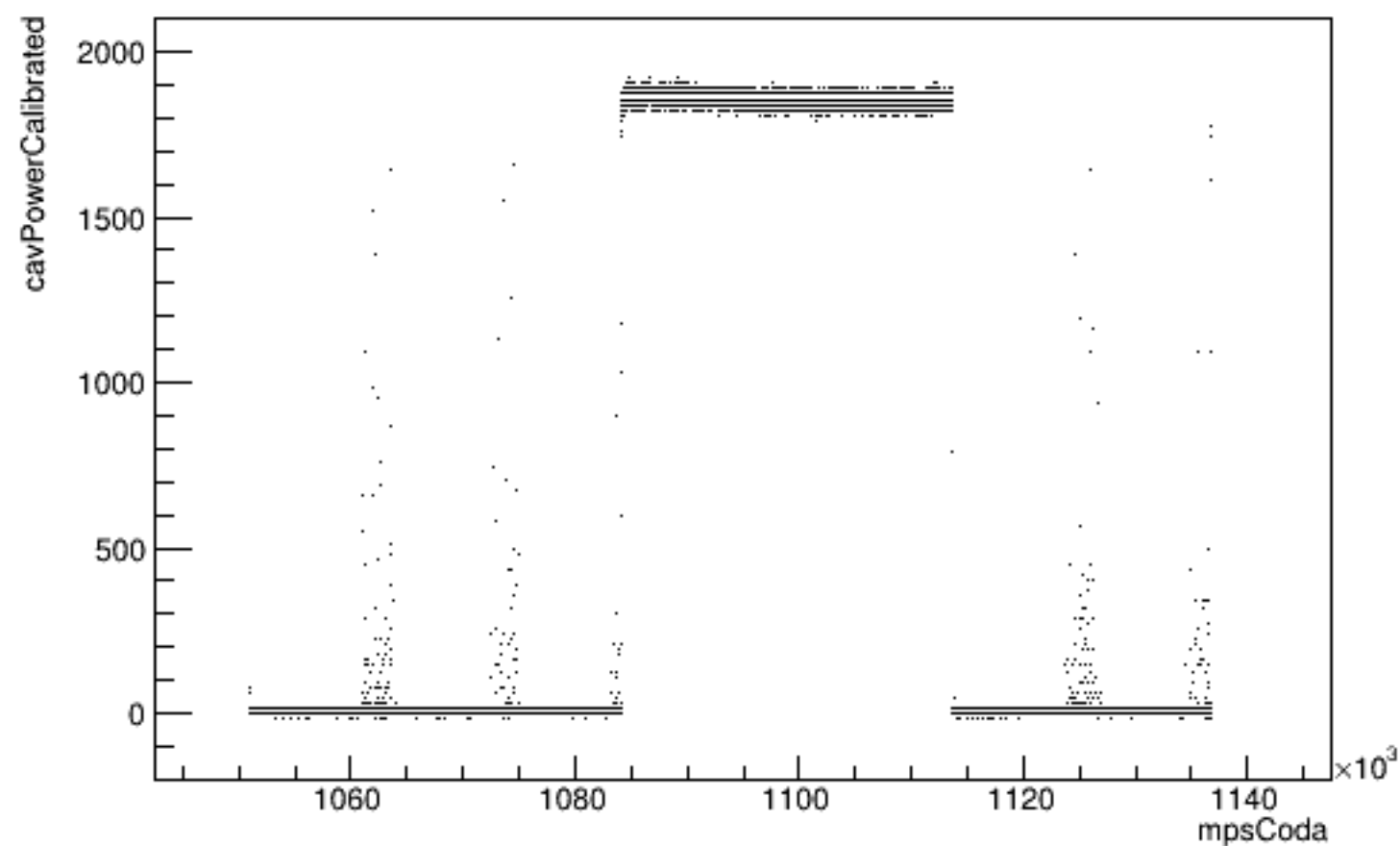
laserState:mpsCoda {mpsCoda>=1051055 && mpsCoda<=1136742}



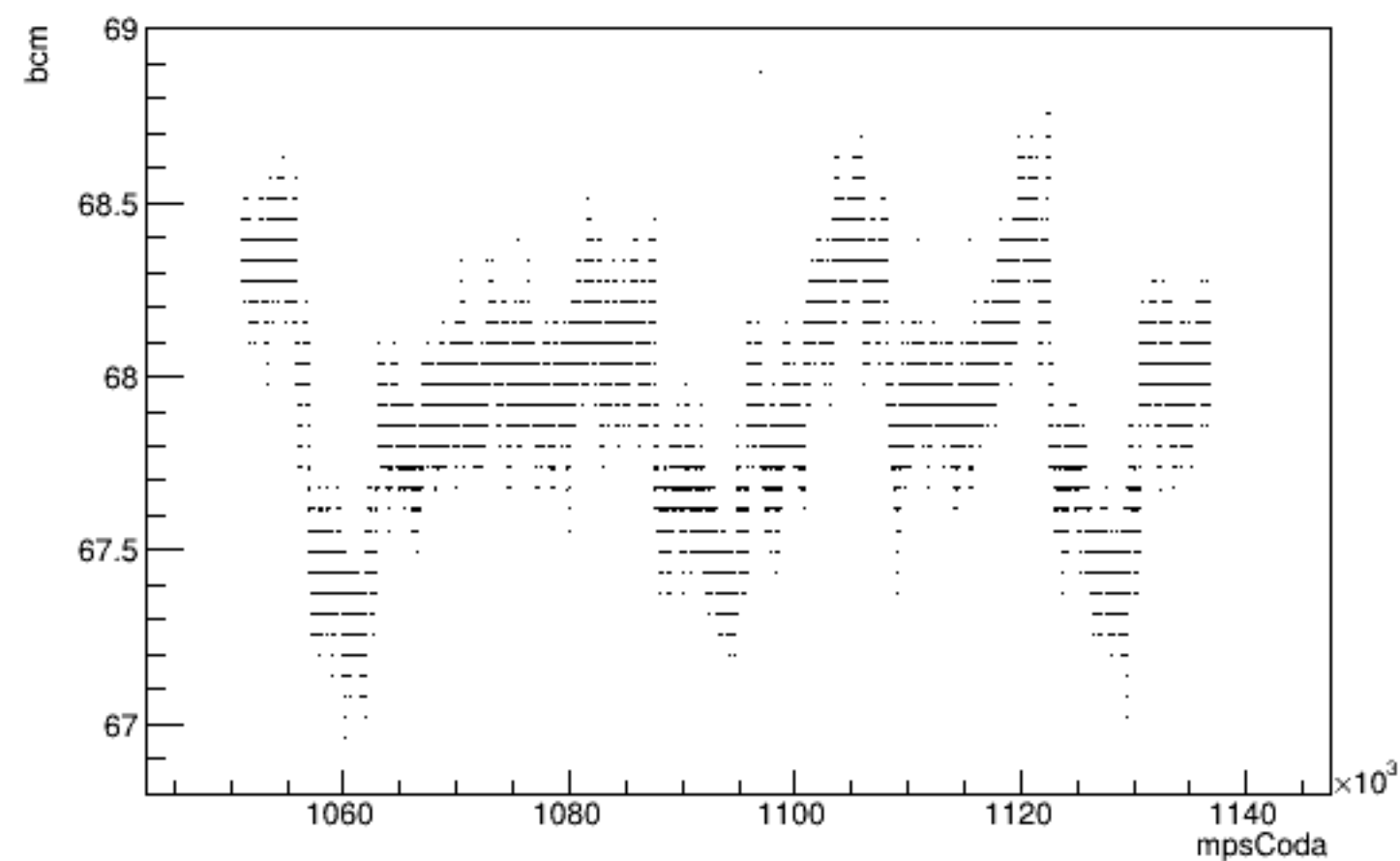
beamState + 1:mpsCoda {mpsCoda>=1051055 && mpsCoda<=1136742}



cavPowerCalibrated:mpsCoda {mpsCoda>=1051055 && mpsCoda<=1136742}



bcm:mpsCoda {mpsCoda>=1051055 && mpsCoda<=1136742}



Cycle 17, Diffs

Entries: 2797

Mean: 0.0083 +/- 0.0050

Std Dev: 0.2660 +/- 0.0036

Entries: 3674

Mean: 0.0662 +/- 0.0049

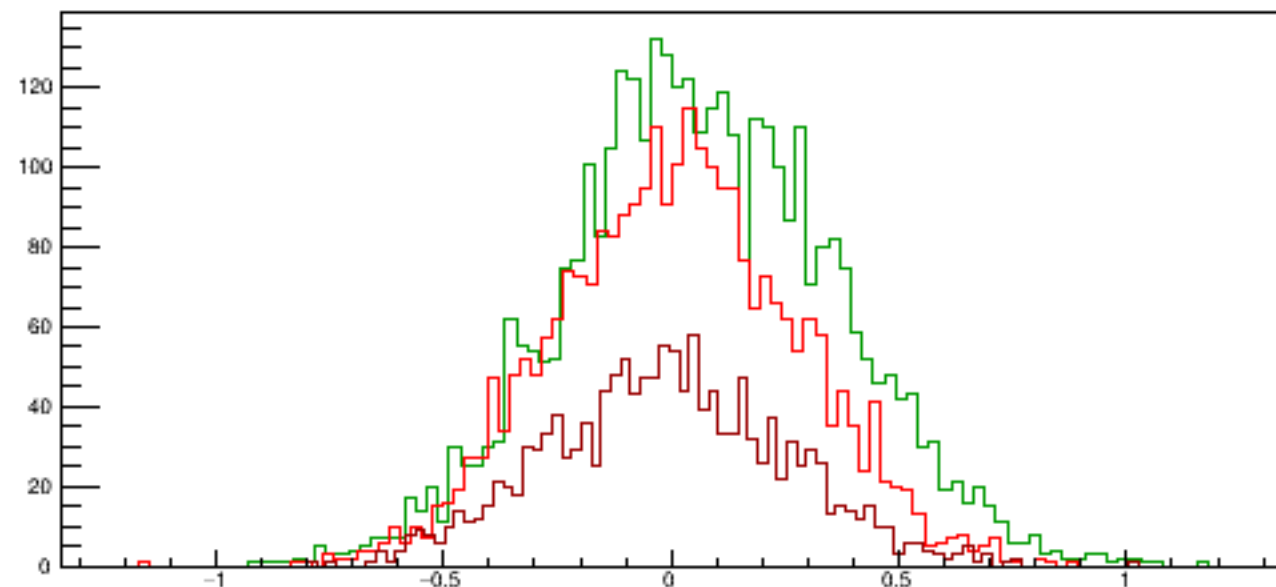
Std Dev: 0.2987 +/- 0.0035

Entries: 1456

Mean: -0.0096 +/- 0.0069

Std Dev: 0.2617 +/- 0.0049

Run 4343 quartetwise, Diffs



Cycle 17, Sums

Entries: 2797

Mean: 11.8153 +/- 0.0070

Std Dev: 0.3706 +/- 0.0050

Entries: 3674

Mean: 16.6395 +/- 0.0062

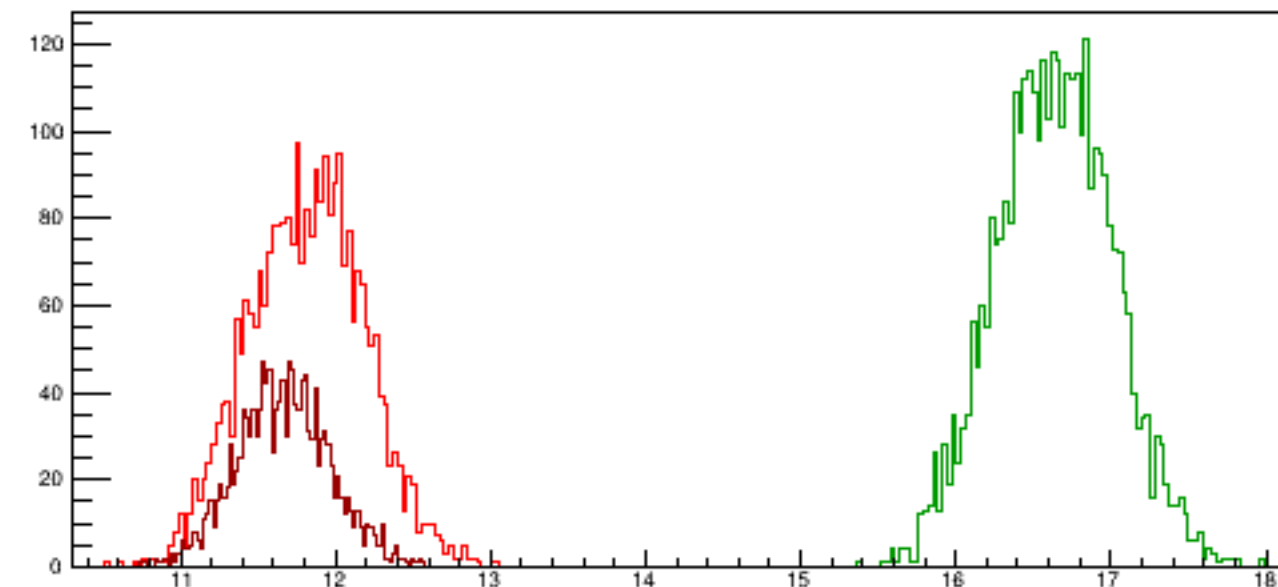
Std Dev: 0.3766 +/- 0.0044

Entries: 1456

Mean: 11.6662 +/- 0.0078

Std Dev: 0.2993 +/- 0.0055

Run 4343 quartetwise, Sums



Cycle 17, Asyms

Entries: 2797

Mean: 0.0017 +/- 0.0010

Std Dev: 0.0543 +/- 0.0007

Entries: 3674

Mean: 0.0135 +/- 0.0010

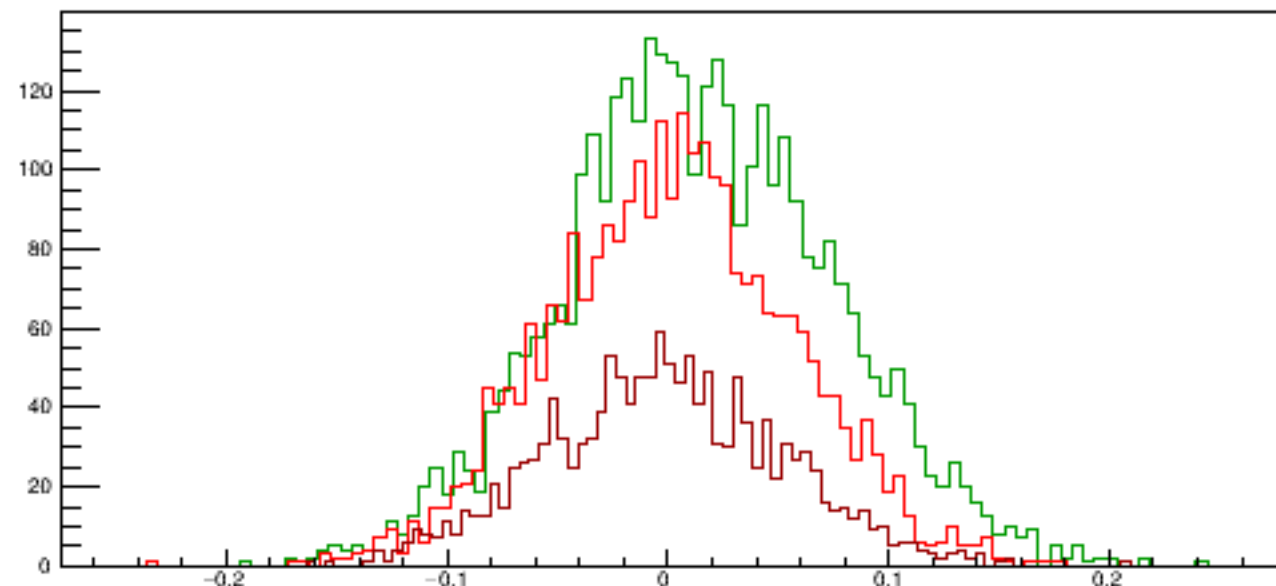
Std Dev: 0.0611 +/- 0.0007

Entries: 1456

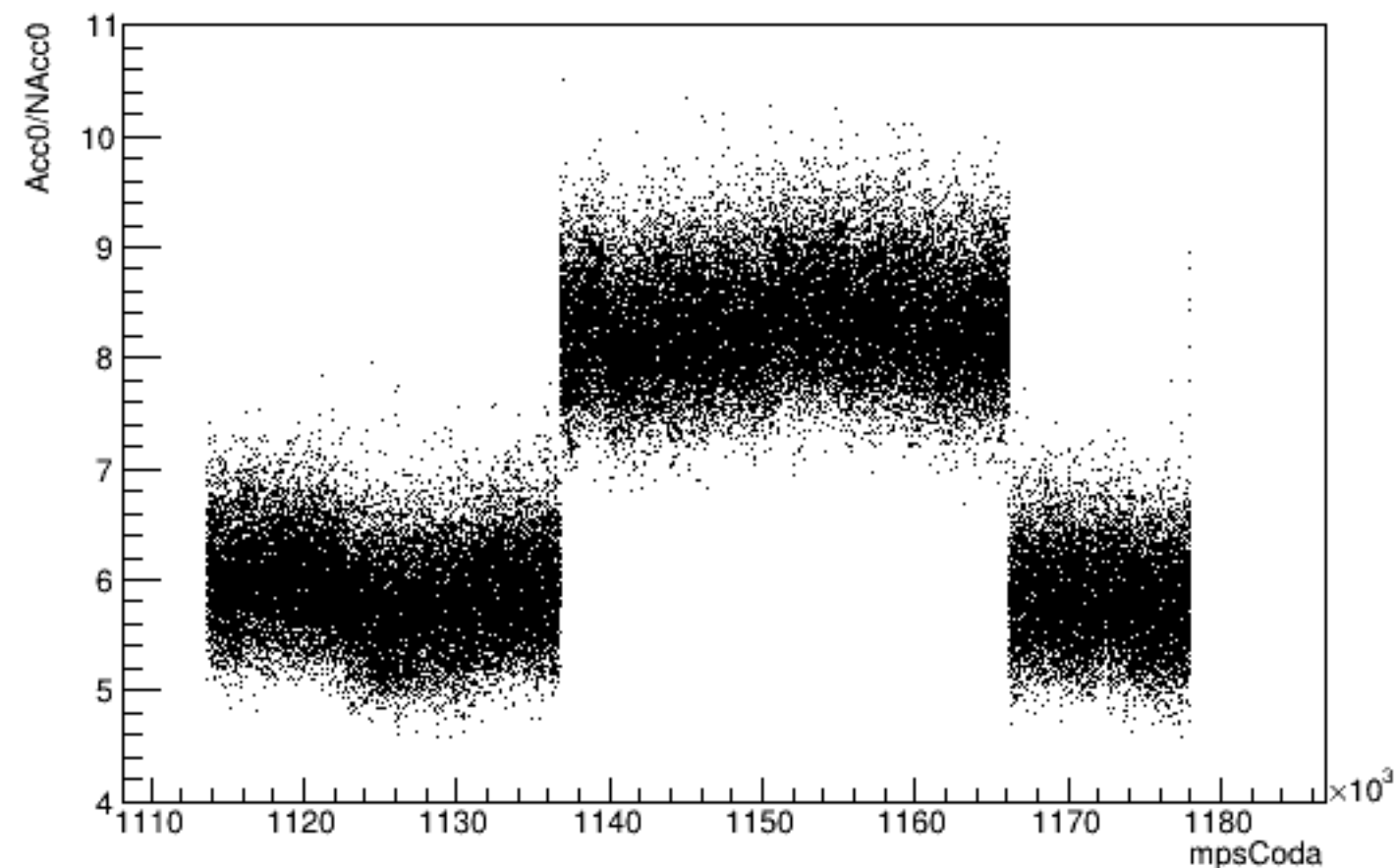
Mean: -0.0020 +/- 0.0014

Std Dev: 0.0534 +/- 0.0010

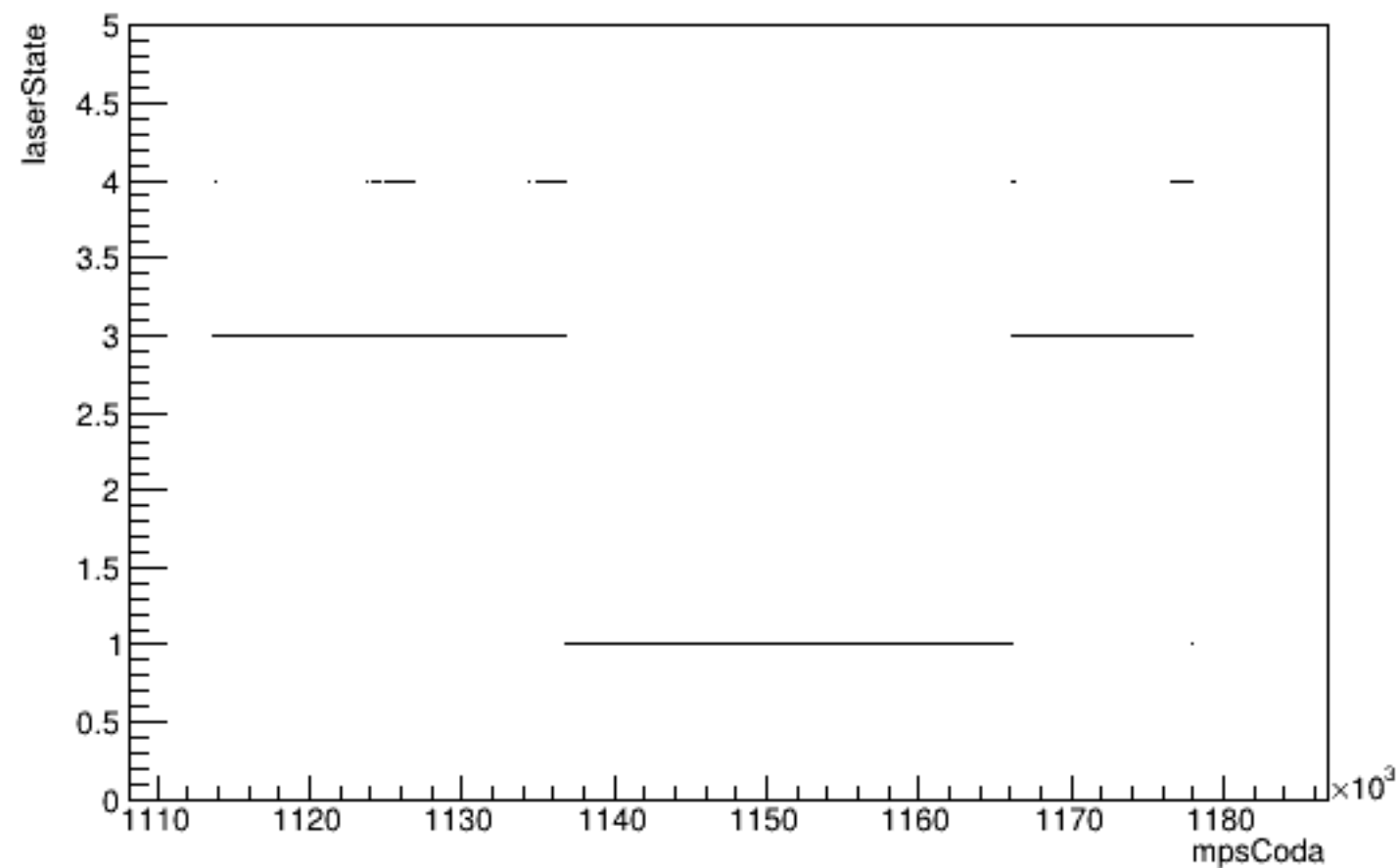
Run 4343 quartetwise, Asyms



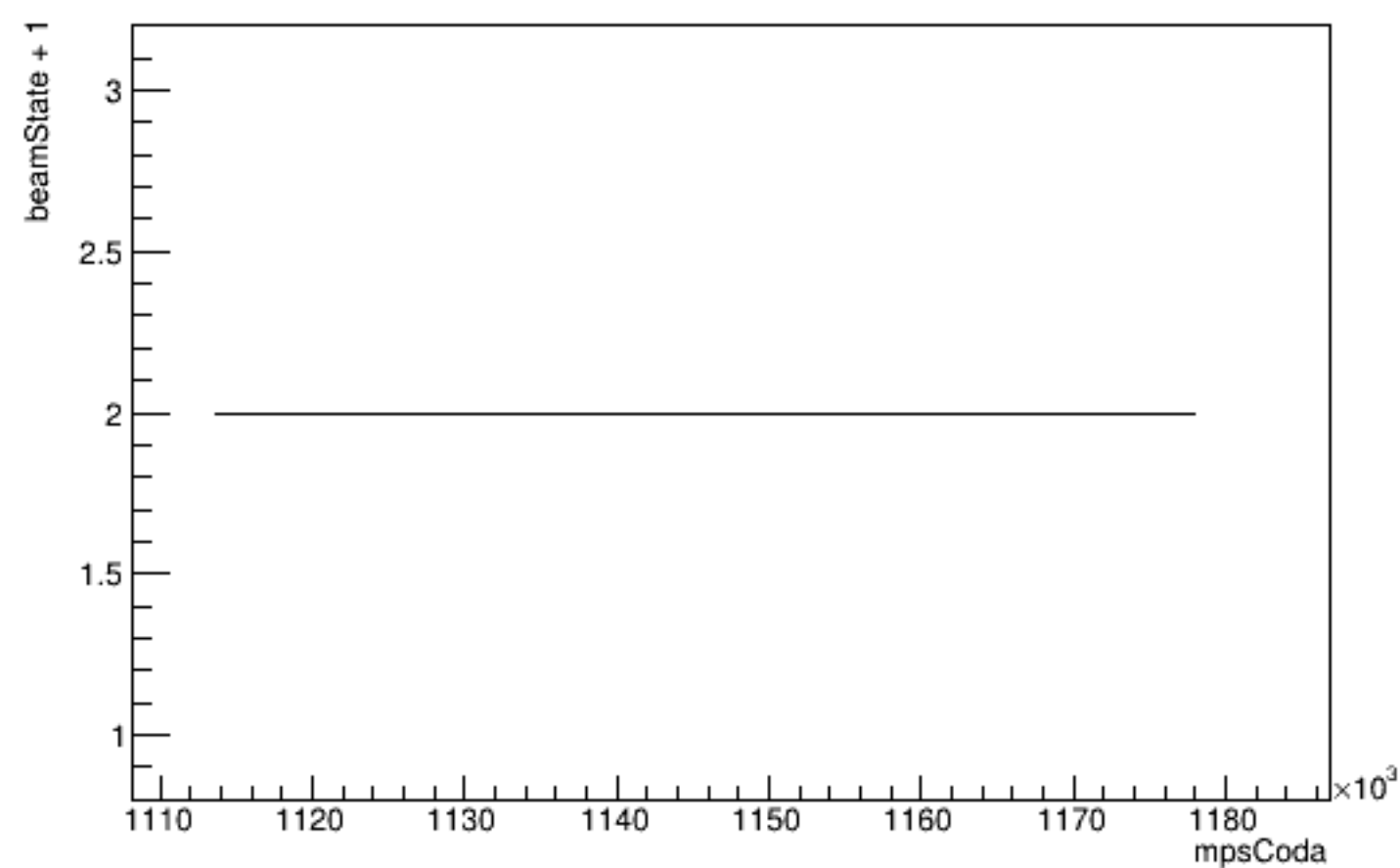
Acc0/NAcc0:mpsCoda (mpsCoda>=1113671 && mpsCoda<=1178014 && beamState==1)



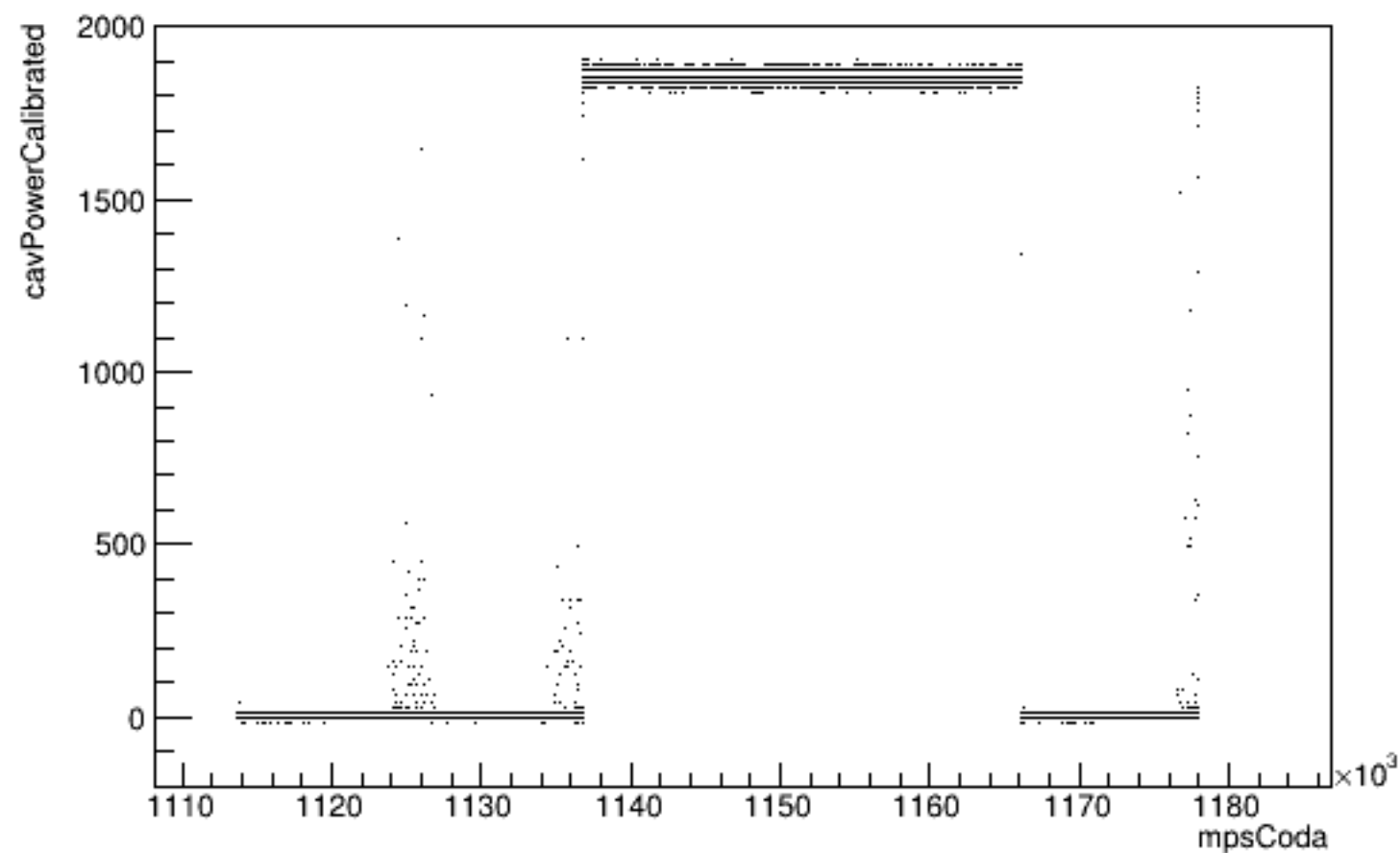
laserState:mpsCoda {mpsCoda>=1113671 && mpsCoda<=1178014}



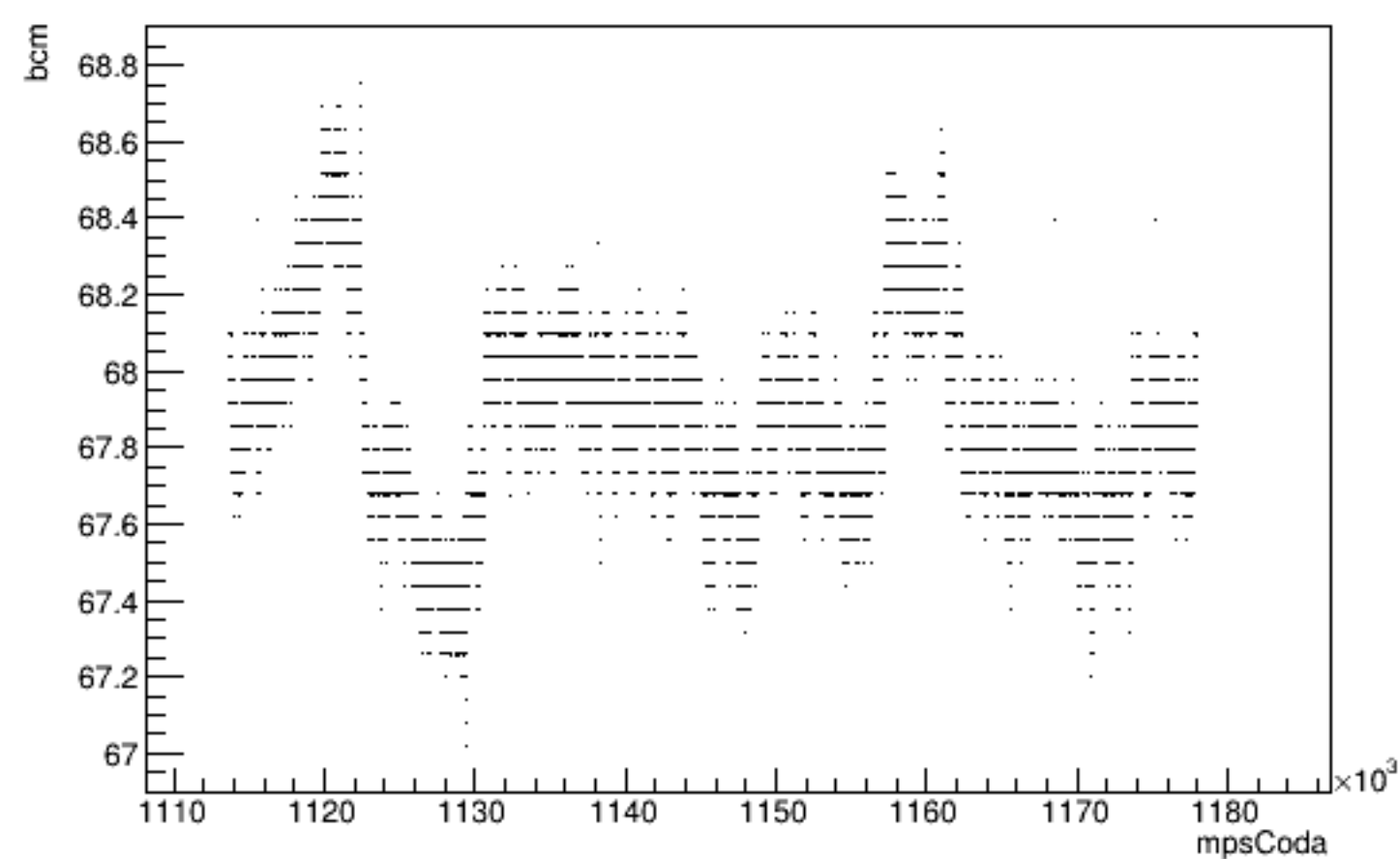
beamState + 1:mpsCoda {mpsCoda>=1113671 && mpsCoda<=1178014}



cavPowerCalibrated:mpsCoda {mpsCoda>=1113671 && mpsCoda<=1178014}



bcm:mpsCoda {mpsCoda>=1113671 && mpsCoda<=1178014}



Cycle 18, Diffs

Entries: 1456

Mean: -0.0096 +/- 0.0069

Std Dev: 0.2617 +/- 0.0049

Entries: 3682

Mean: 0.0802 +/- 0.0050

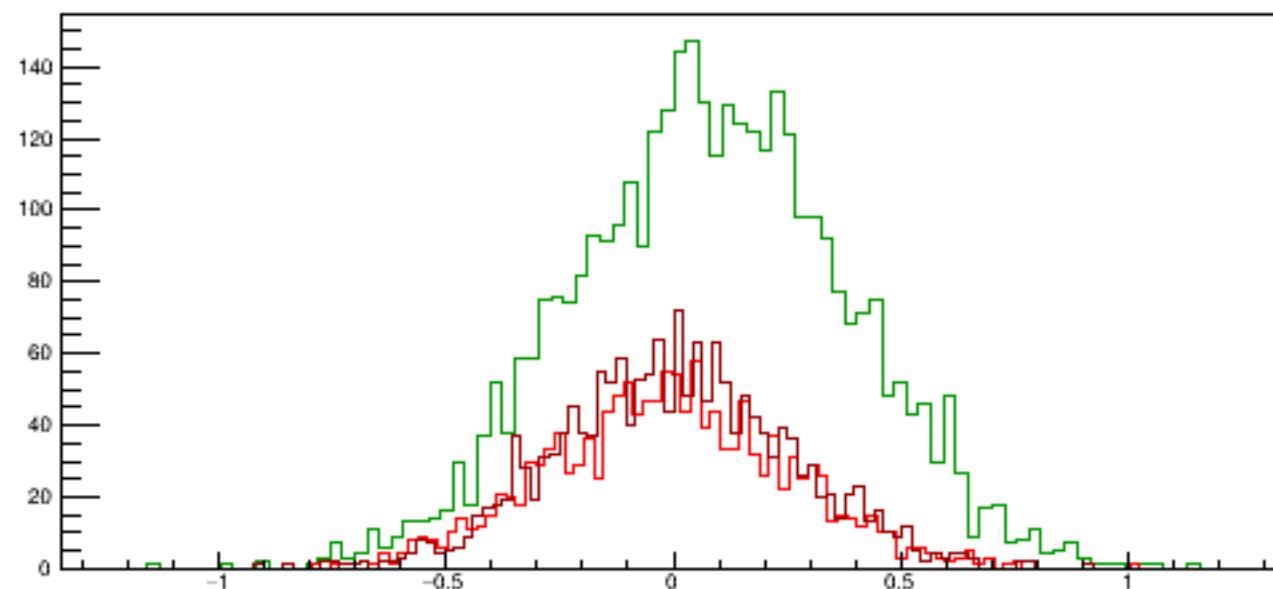
Std Dev: 0.3020 +/- 0.0035

Entries: 1716

Mean: -0.0004 +/- 0.0062

Std Dev: 0.2556 +/- 0.0044

Run 4343 quartetwise, Diffs



Cycle 18, Sums

Entries: 1456

Mean: 11.6662 +/- 0.0078

Std Dev: 0.2993 +/- 0.0055

Entries: 3682

Mean: 16.5484 +/- 0.0056

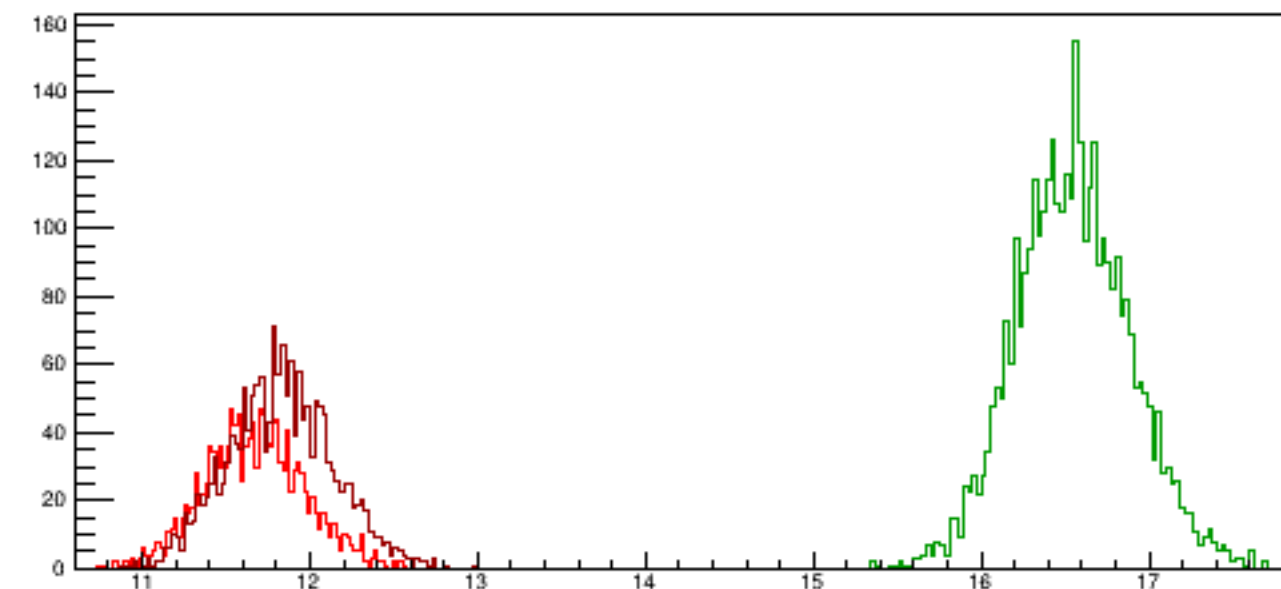
Std Dev: 0.3423 +/- 0.0040

Entries: 1716

Mean: 11.8250 +/- 0.0075

Std Dev: 0.3127 +/- 0.0053

Run 4343 quartetwise, Sums



Cycle 18, Asyms

Entries: 1456

Mean: -0.0020 +/- 0.0014

Std Dev: 0.0545 +/- 0.0010

Entries: 3682

Mean: 0.0167 +/- 0.0010

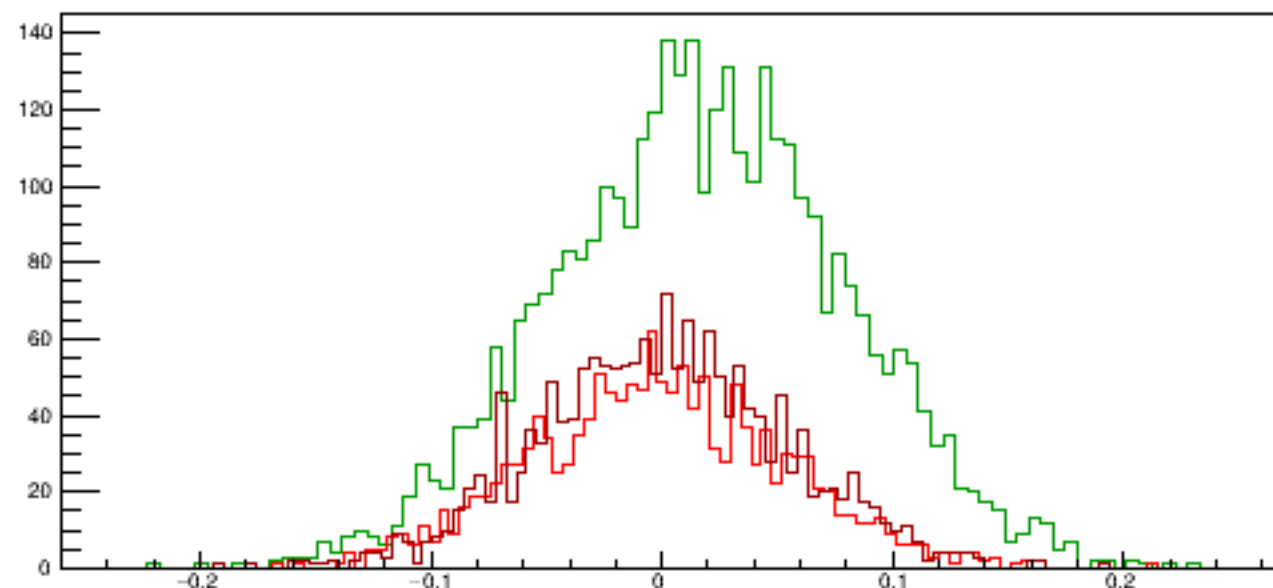
Std Dev: 0.0629 +/- 0.0007

Entries: 1716

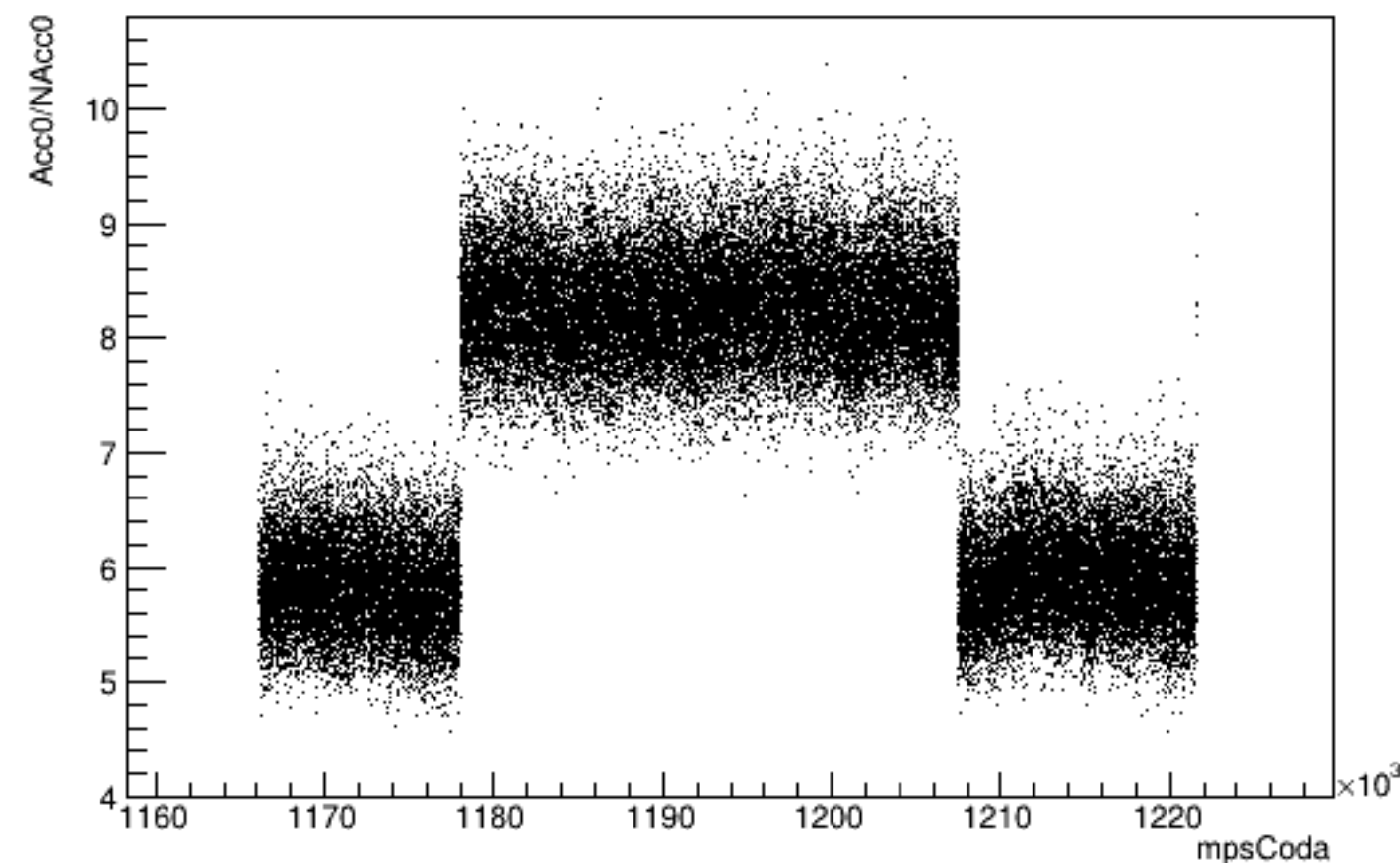
Mean: -0.0001 +/- 0.0013

Std Dev: 0.0532 +/- 0.0009

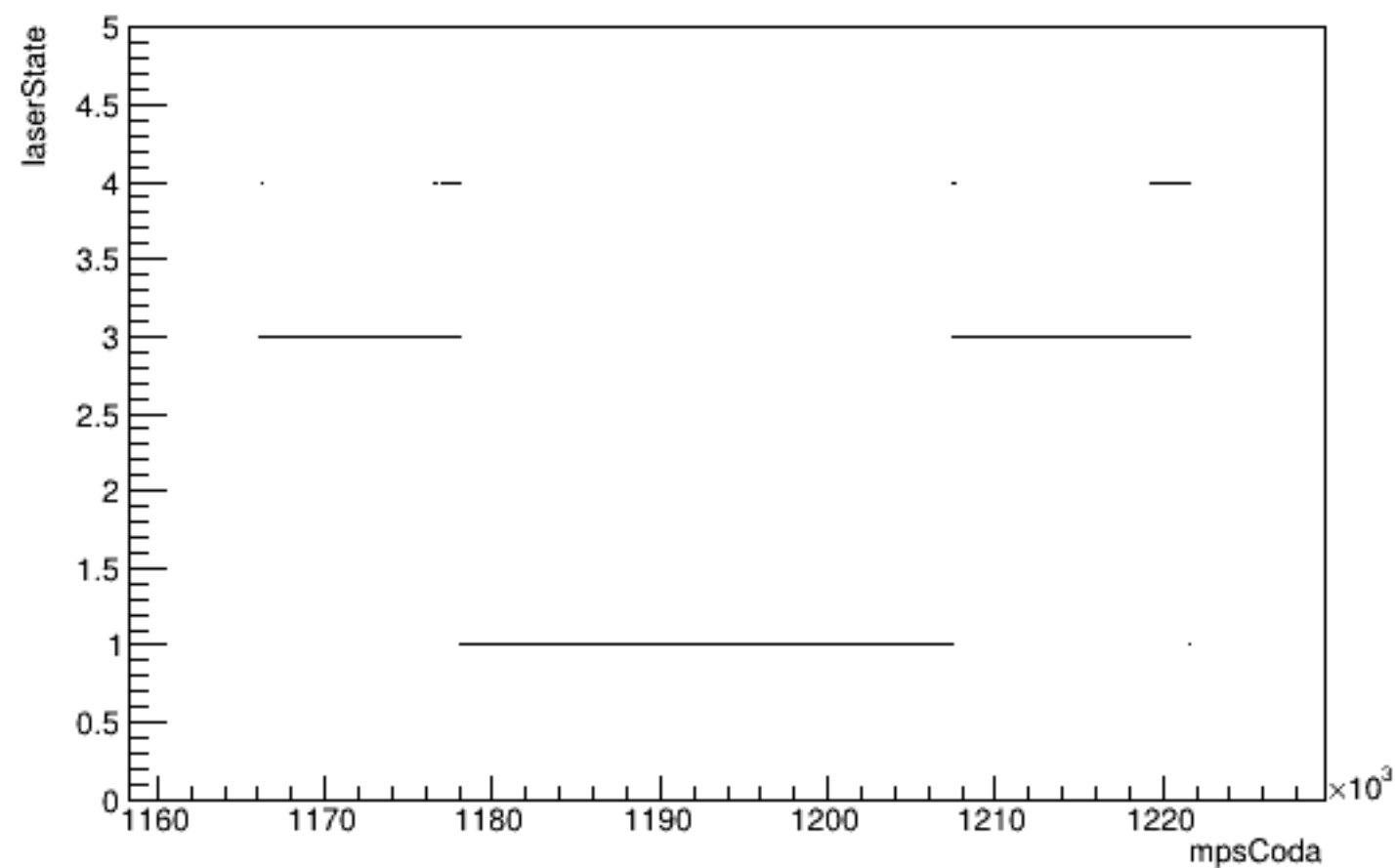
Run 4343 quartetwise, Asyms



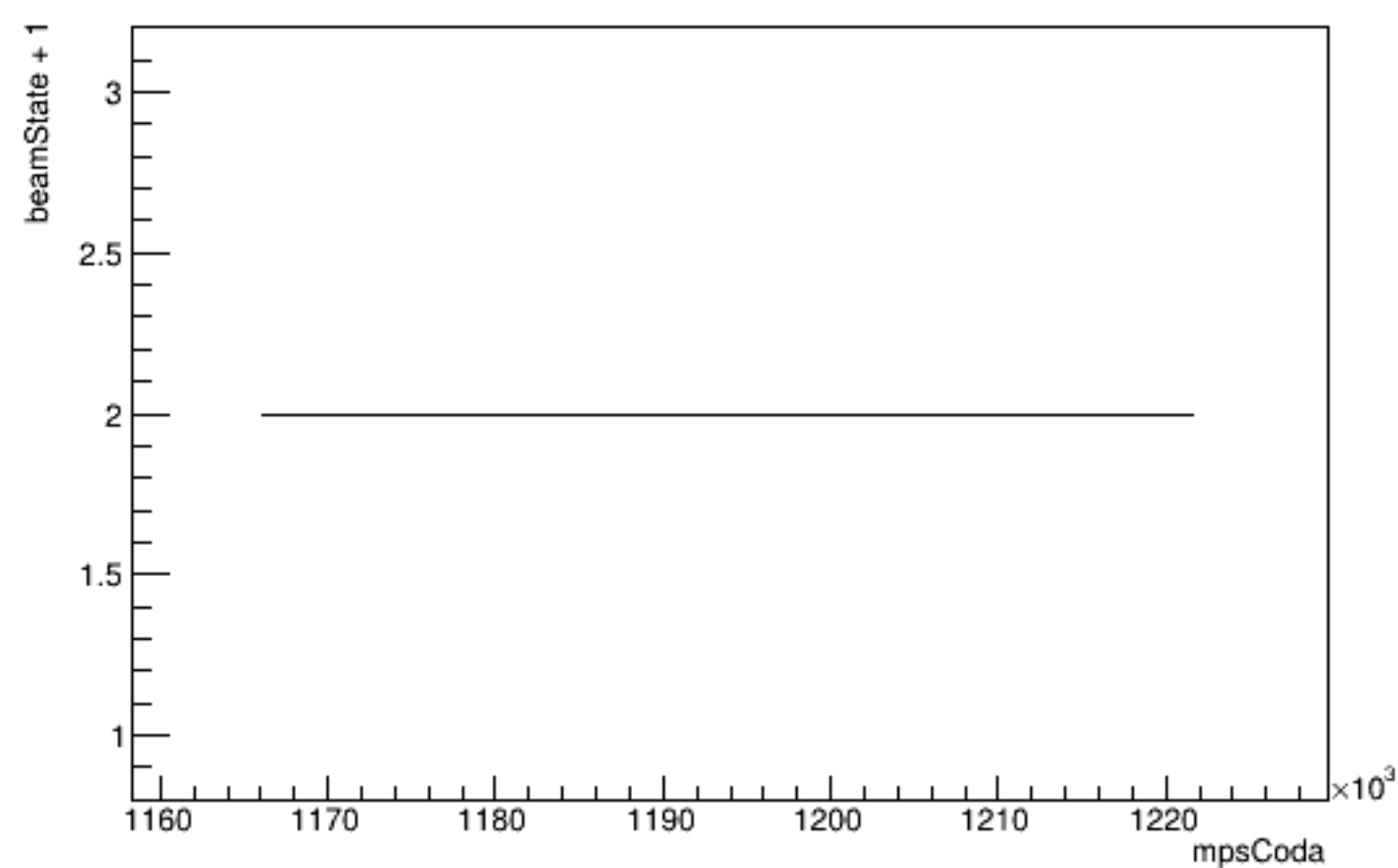
Acc0/NAcc0:mpsCoda (mpsCoda>=1166143 && mpsCoda<=1221542 && beamState==1)



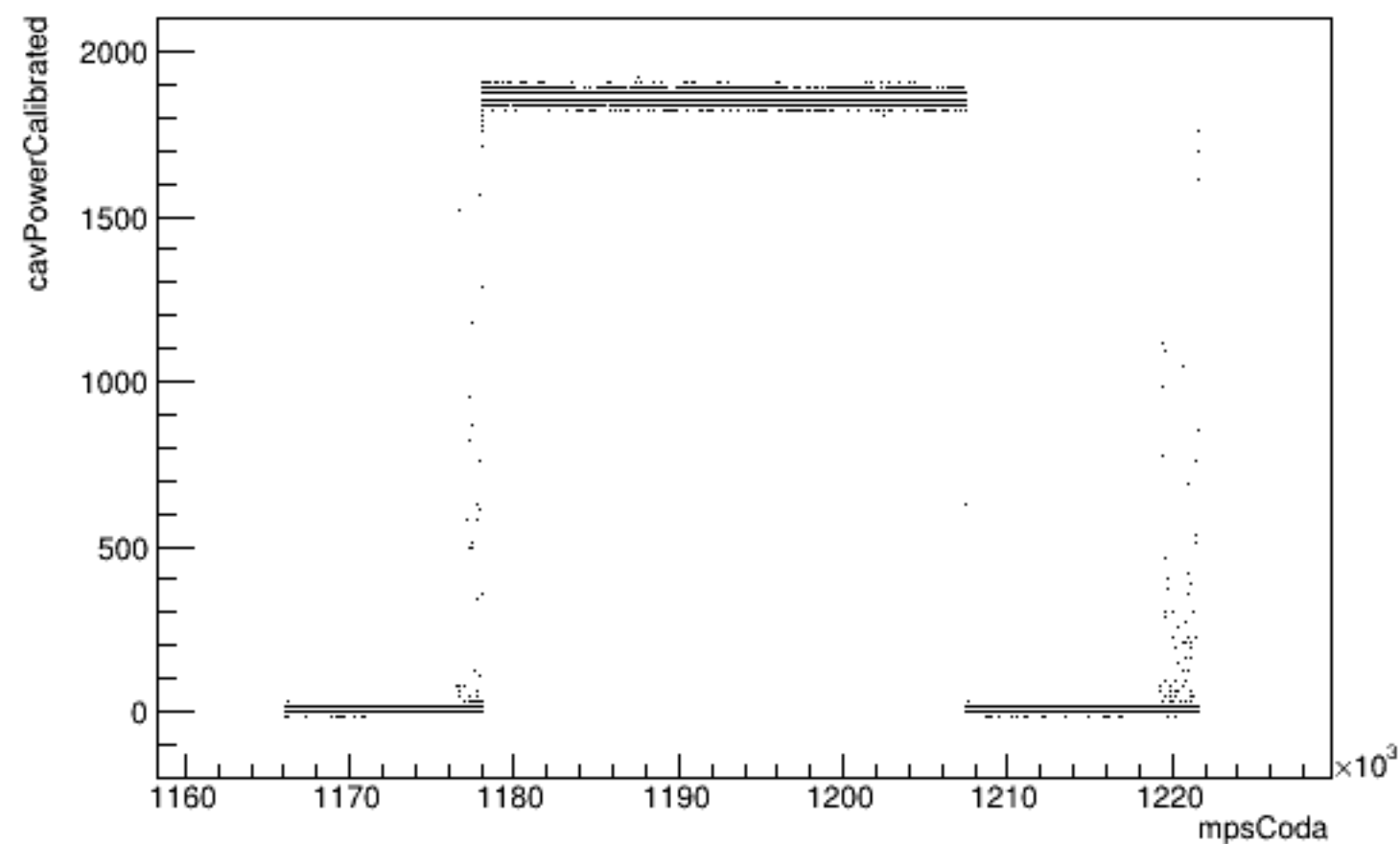
laserState:mpsCoda {mpsCoda>=1166143 && mpsCoda<=1221542}



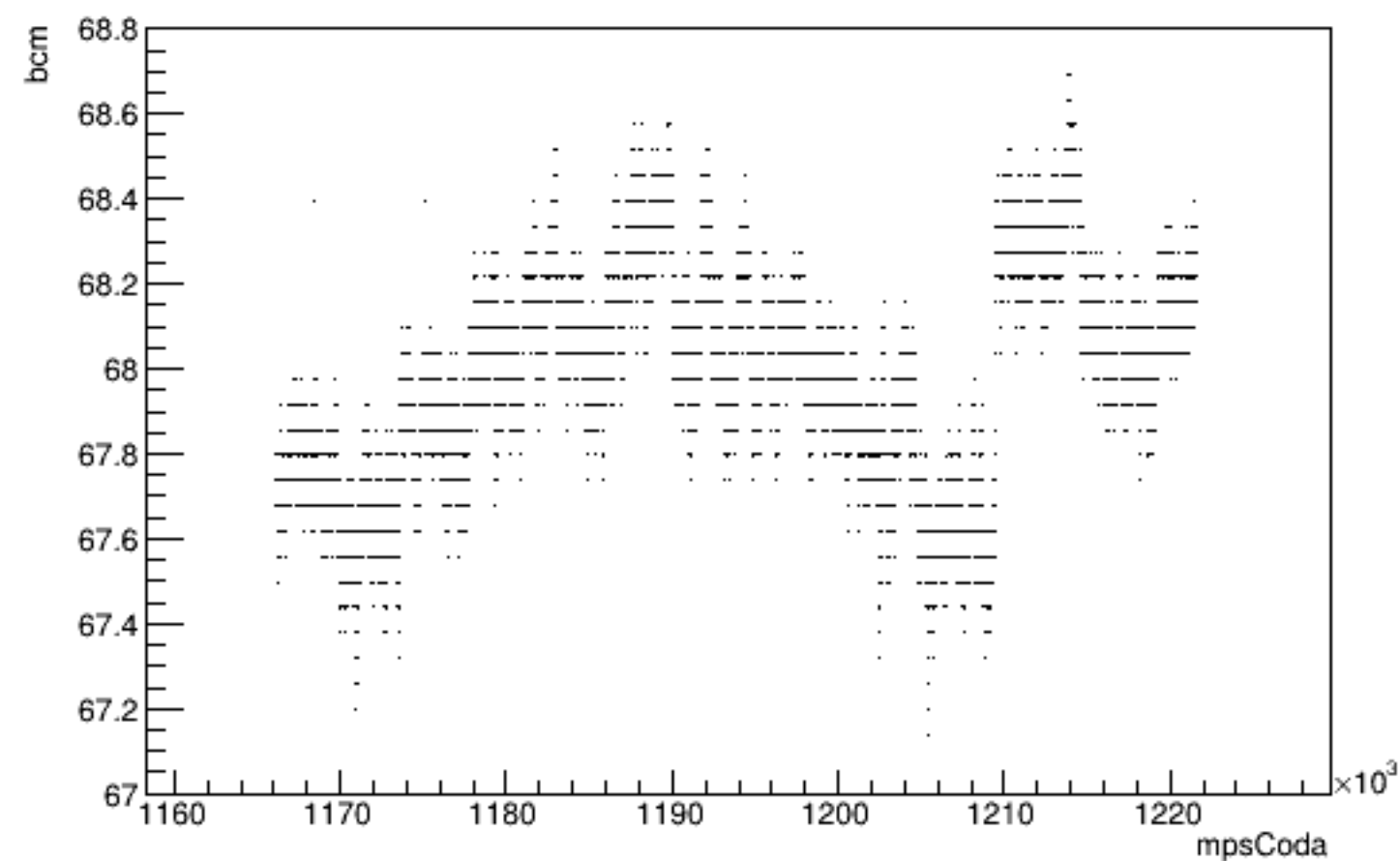
beamState + 1:mpsCoda {mpsCoda>=1166143 && mpsCoda<=1221542}



cavPowerCalibrated:mpsCoda {mpsCoda>=1166143 && mpsCoda<=1221542}



bcm:mpsCoda {mpsCoda>=1166143 && mpsCoda<=1221542}



Cycle 19, Diffs

Entries: 1716

Mean: -0.0004 +/- 0.0062

Std Dev: 0.2556 +/- 0.0044

Entries: 3771

Mean: 0.0731 +/- 0.0048

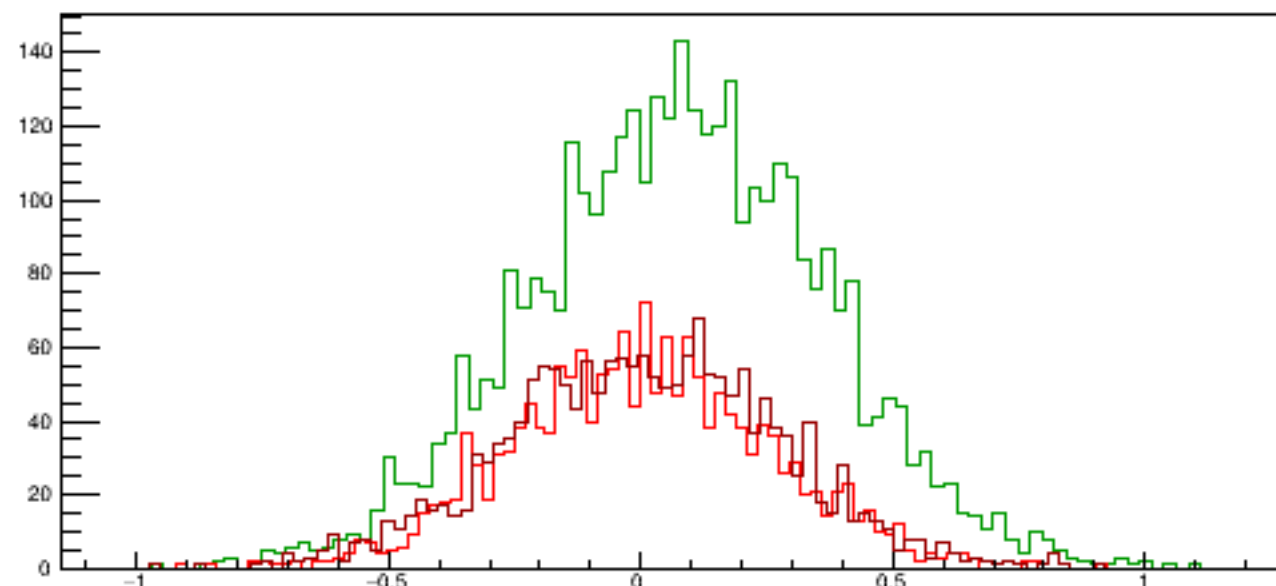
Std Dev: 0.2923 +/- 0.0034

Entries: 1793

Mean: 0.0050 +/- 0.0063

Std Dev: 0.2684 +/- 0.0045

Run 4343 quartetwise, Diffs



Cycle 19, Sums

Entries: 1716

Mean: 11.8250 +/- 0.0075

Std Dev: 0.3127 +/- 0.0053

Entries: 3771

Mean: 16.5793 +/- 0.0055

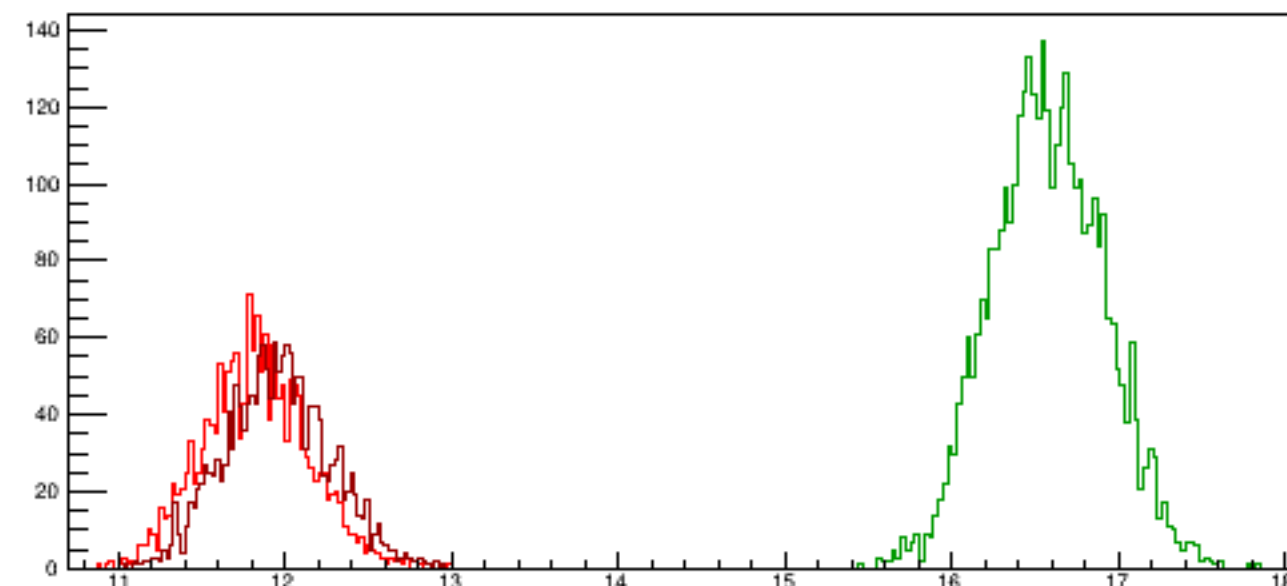
Std Dev: 0.3387 +/- 0.0039

Entries: 1793

Mean: 11.9573 +/- 0.0074

Std Dev: 0.3145 +/- 0.0053

Run 4343 quartetwise, Sums



Cycle 19, Asyms

Entries: 1716

Mean: -0.0001 +/- 0.0013

Std Dev: 0.0545 +/- 0.0009

Entries: 3771

Mean: 0.0157 +/- 0.0010

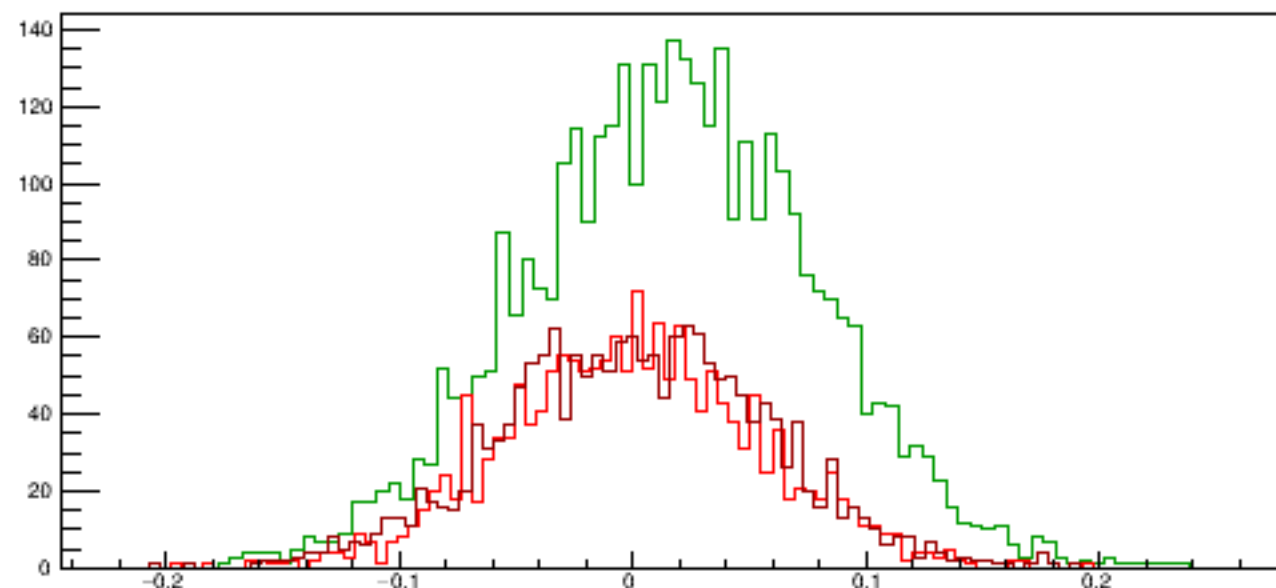
Std Dev: 0.0626 +/- 0.0007

Entries: 1793

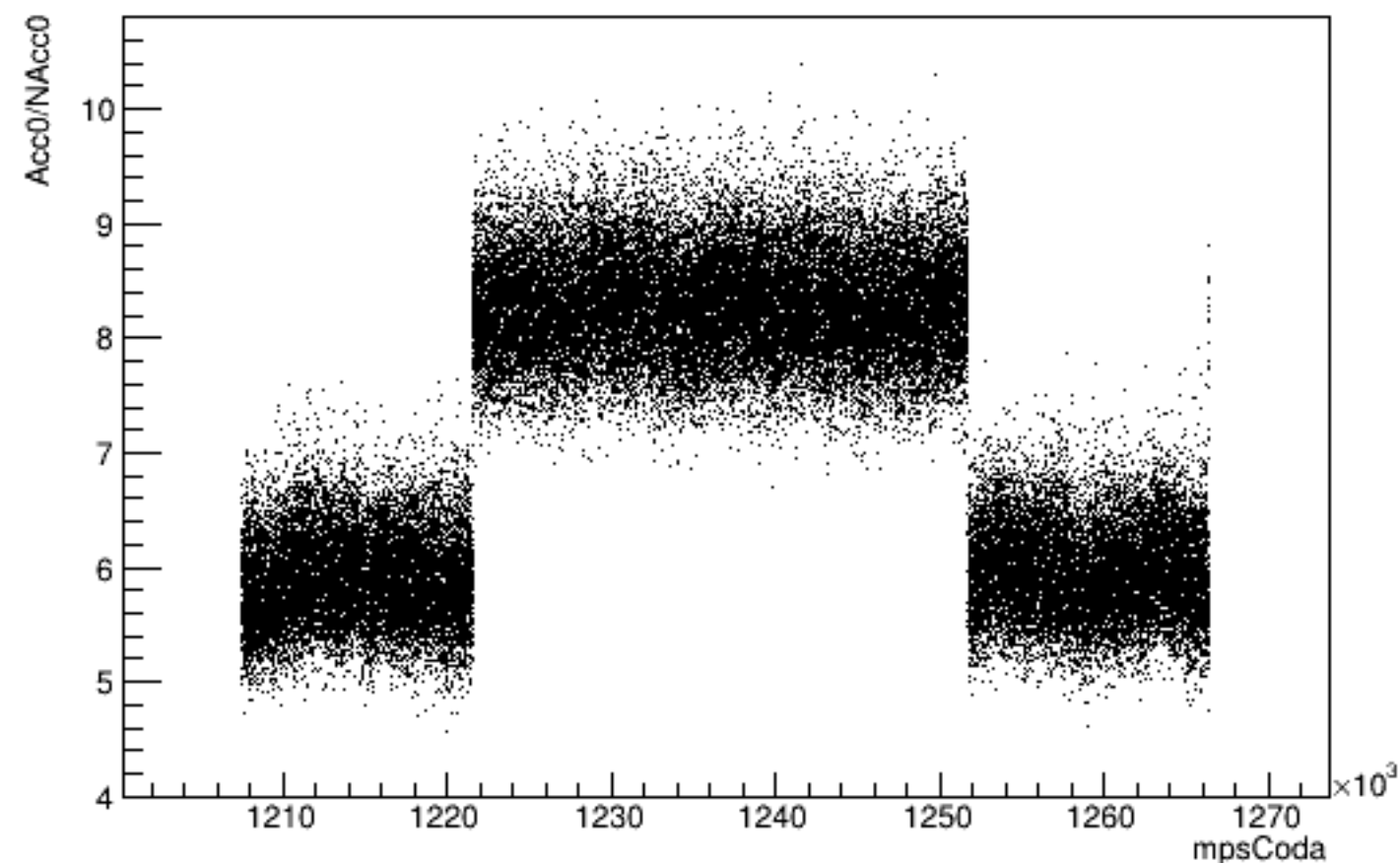
Mean: 0.0011 +/- 0.0014

Std Dev: 0.0573 +/- 0.0010

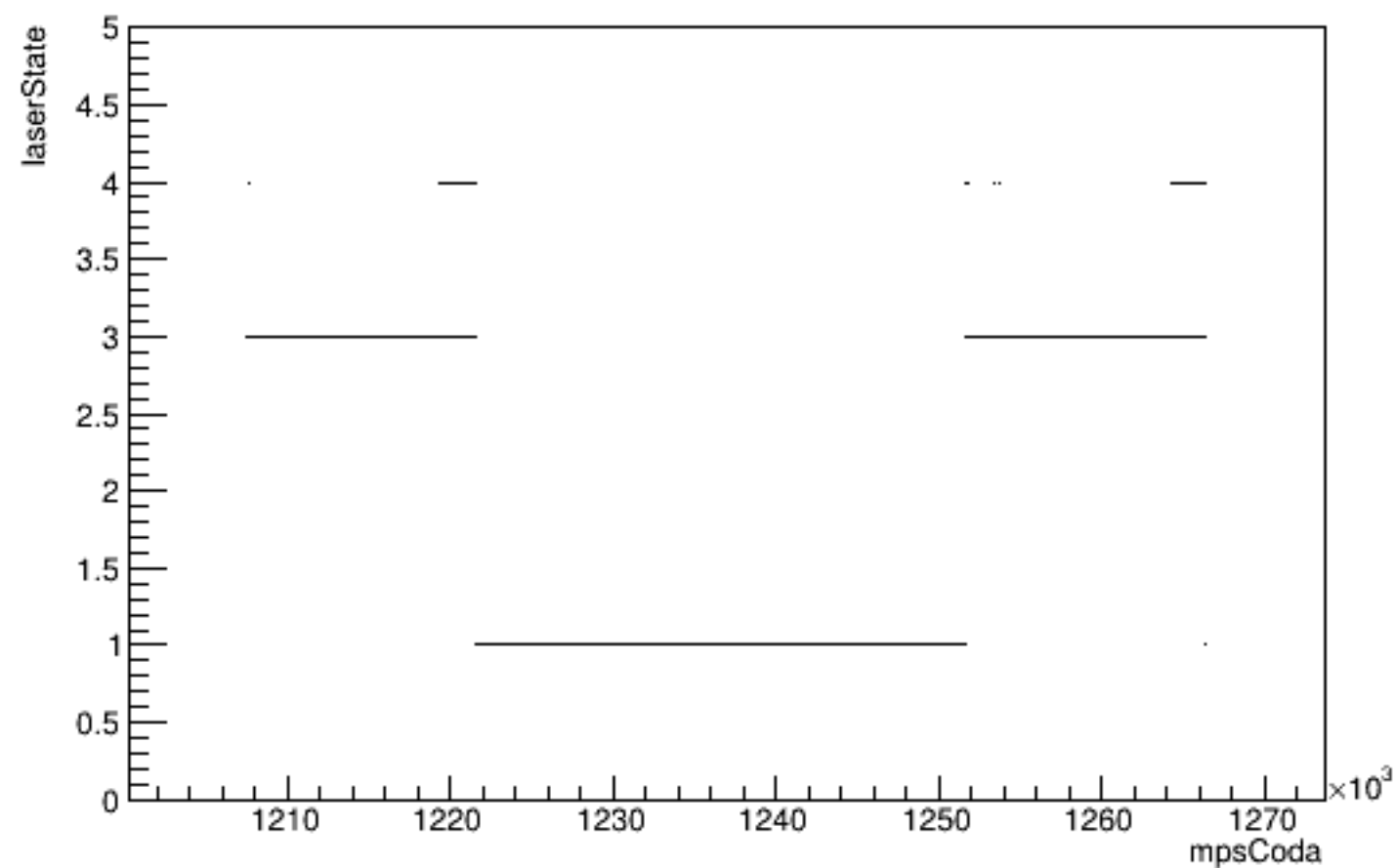
Run 4343 quartetwise, Asyms



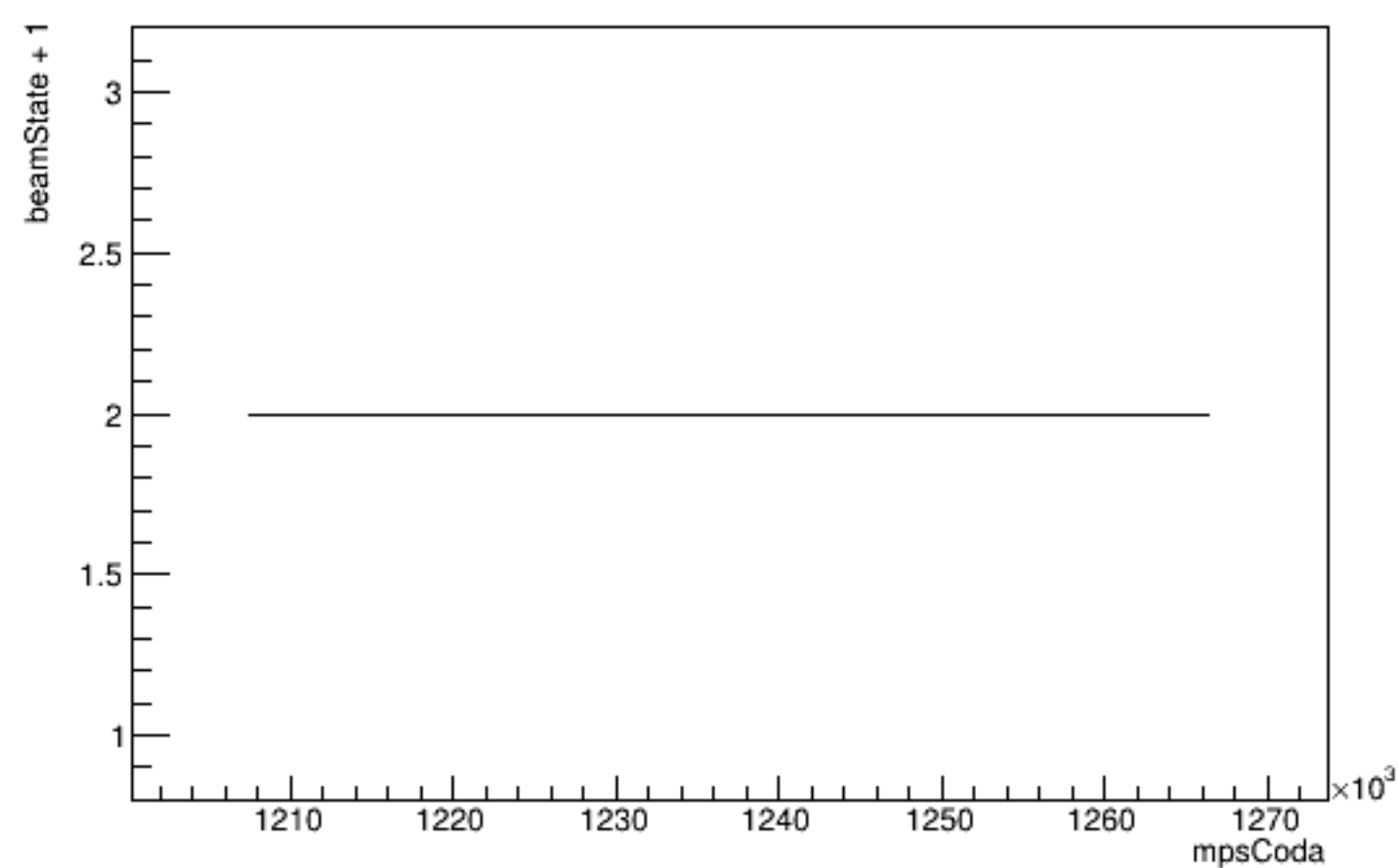
Acc0/NAcc0:mpsCoda (mpsCoda>=1207479 && mpsCoda<=1266382 && beamState==1)



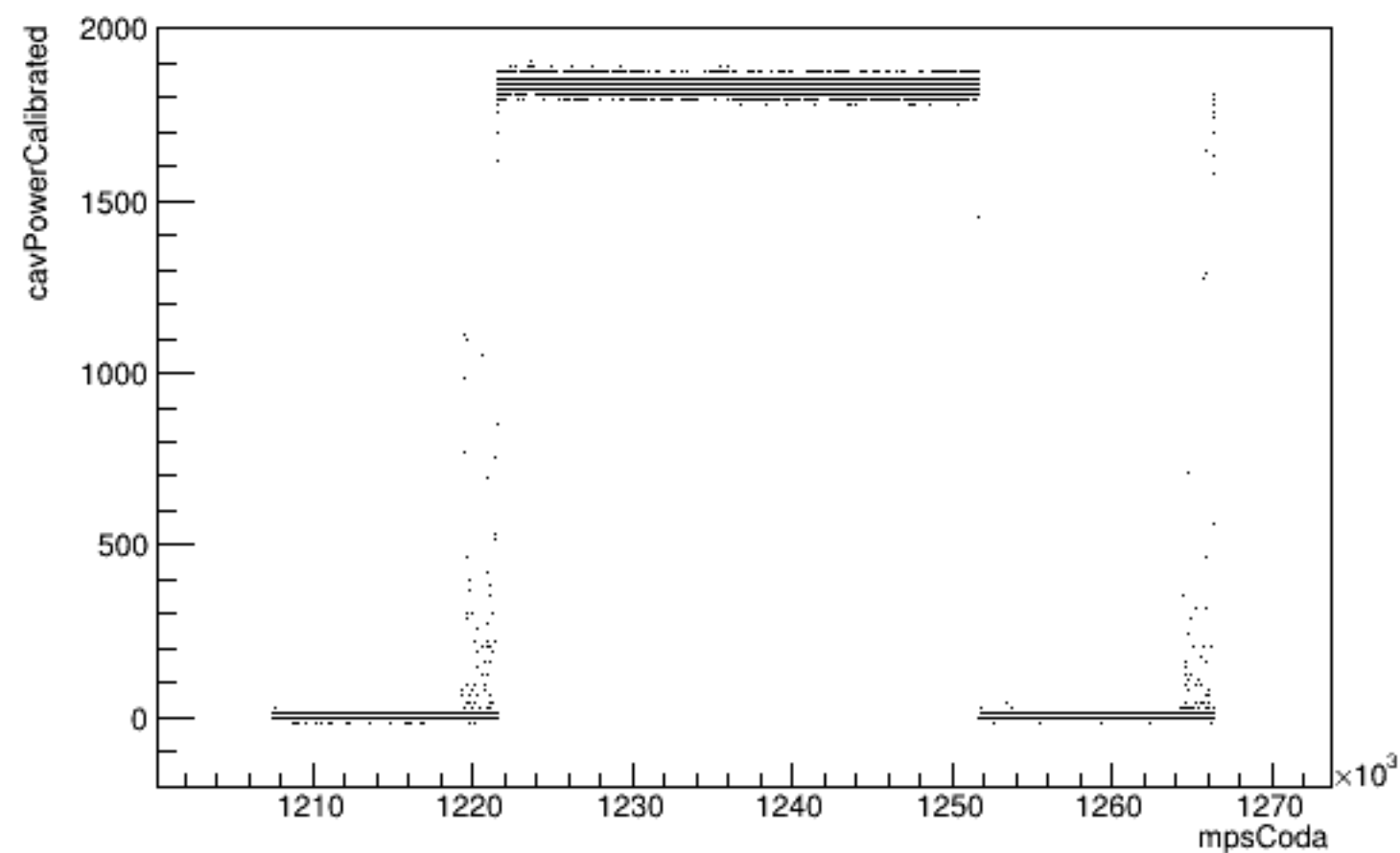
laserState:mpsCoda {mpsCoda>=1207479 && mpsCoda<=1266382}



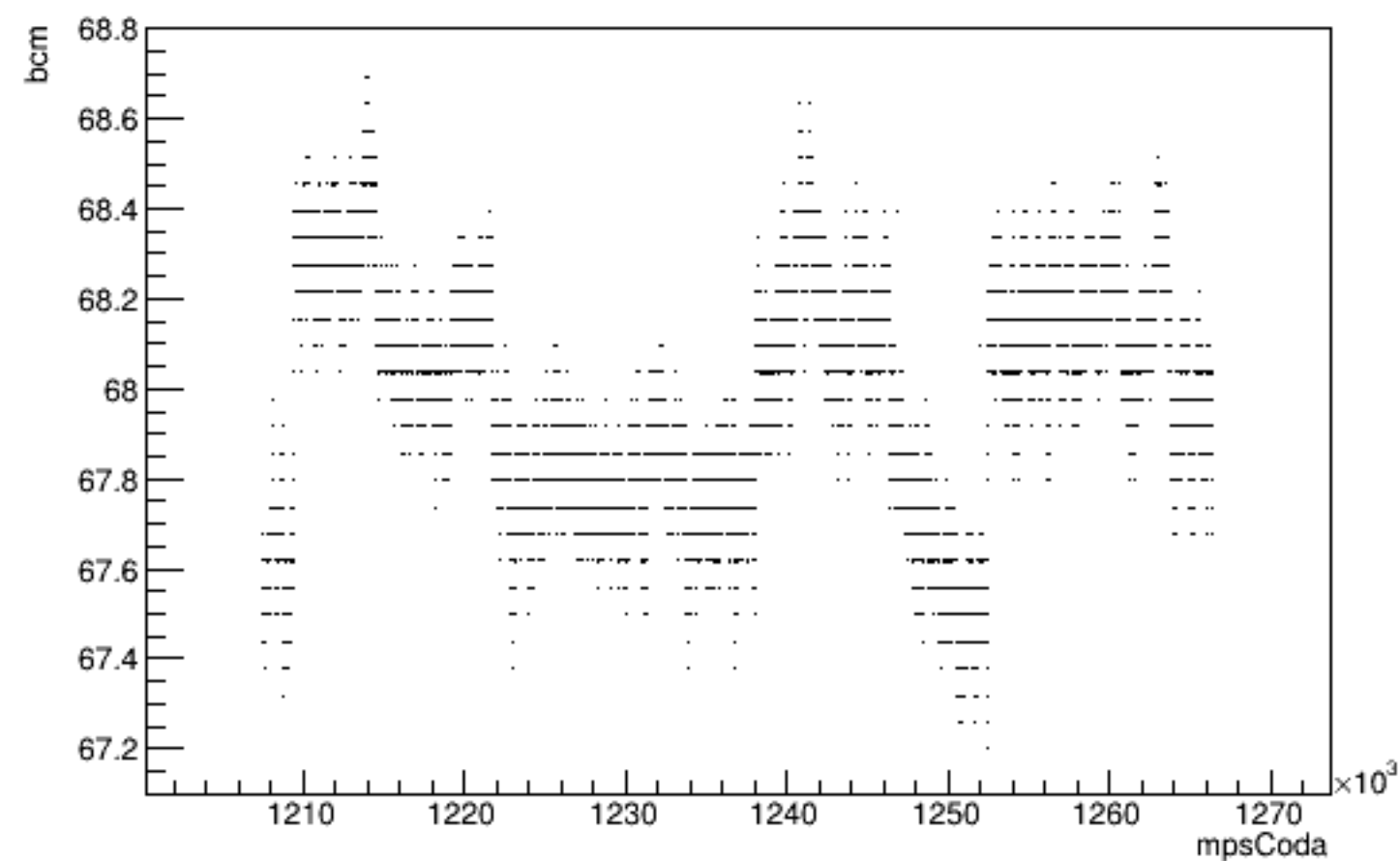
beamState + 1:mpsCoda {mpsCoda>=1207479 && mpsCoda<=1266382}



cavPowerCalibrated:mpsCoda {mpsCoda>=1207479 && mpsCoda<=1266382}



bcm:mpsCoda {mpsCoda>=1207479 && mpsCoda<=1266382}



Cycle 20, Diffs

Entries: 1793

Mean: 0.0050 +/- 0.0063

Std Dev: 0.2684 +/- 0.0045

Entries: 3755

Mean: 0.0698 +/- 0.0050

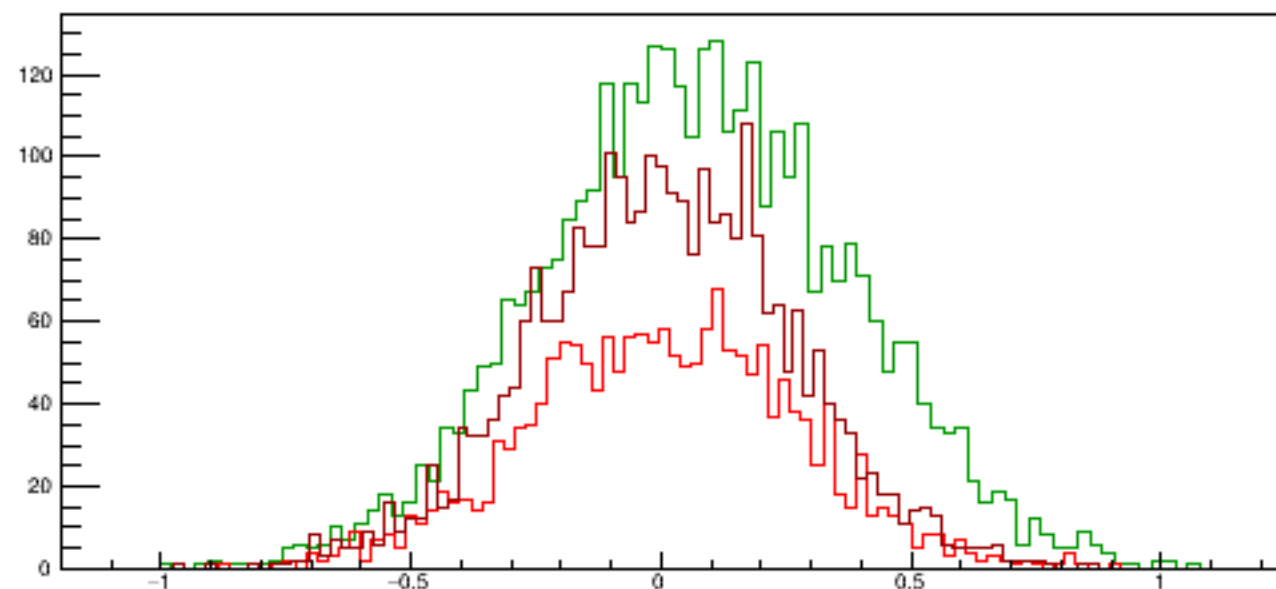
Std Dev: 0.3053 +/- 0.0035

Entries: 2912

Mean: 0.0024 +/- 0.0048

Std Dev: 0.2576 +/- 0.0034

Run 4343 quartetwise, Diffs



Cycle 20, Sums

Entries: 1793

Mean: 11.9573 +/- 0.0074

Std Dev: 0.3145 +/- 0.0053

Entries: 3755

Mean: 16.5724 +/- 0.0056

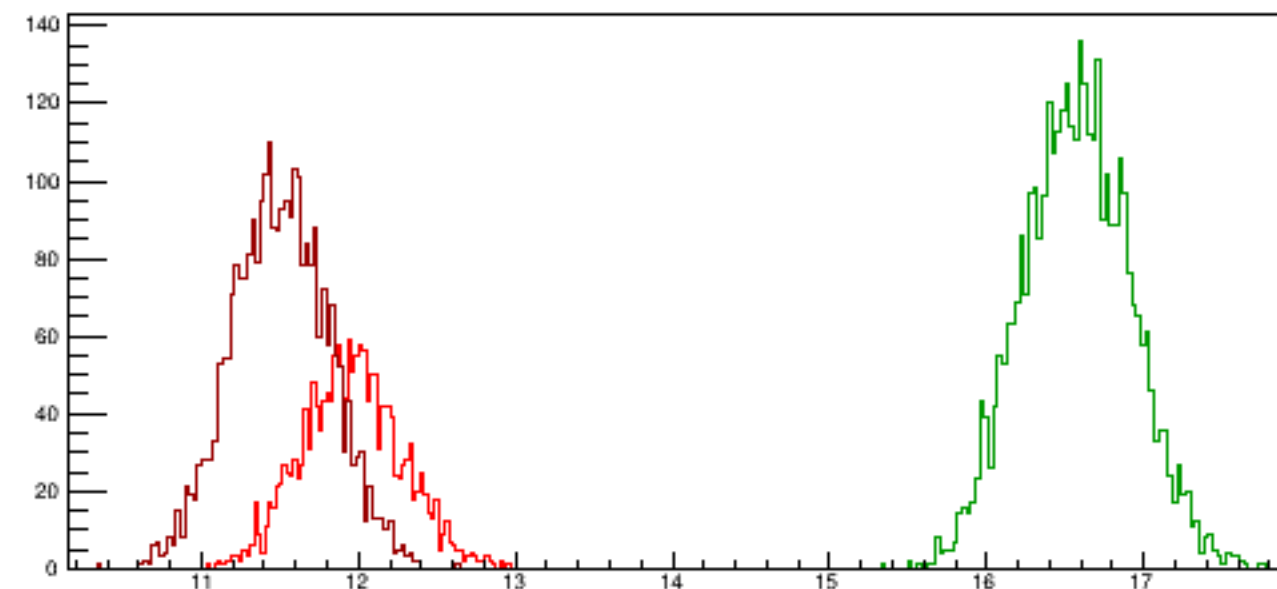
Std Dev: 0.3445 +/- 0.0040

Entries: 2912

Mean: 11.5036 +/- 0.0057

Std Dev: 0.3066 +/- 0.0040

Run 4343 quartetwise, Sums



Cycle 20, Asyms

Entries: 1793

Mean: 0.0010 +/- 0.0013

Std Dev: 0.0554 +/- 0.0009

Entries: 3755

Mean: 0.0143 +/- 0.0010

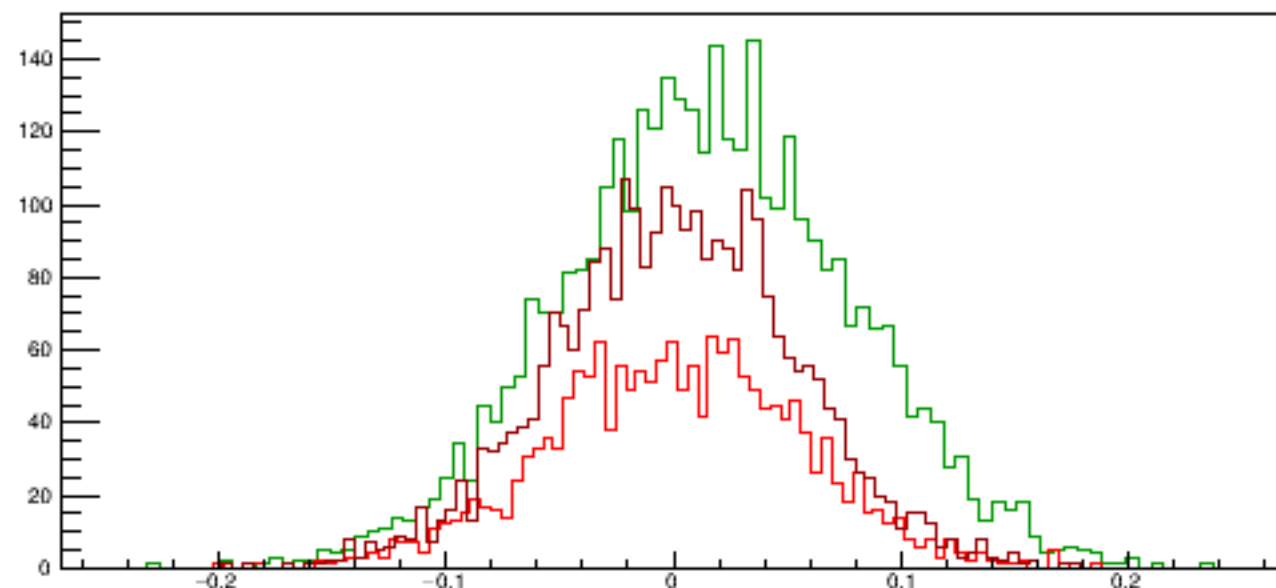
Std Dev: 0.0632 +/- 0.0007

Entries: 2912

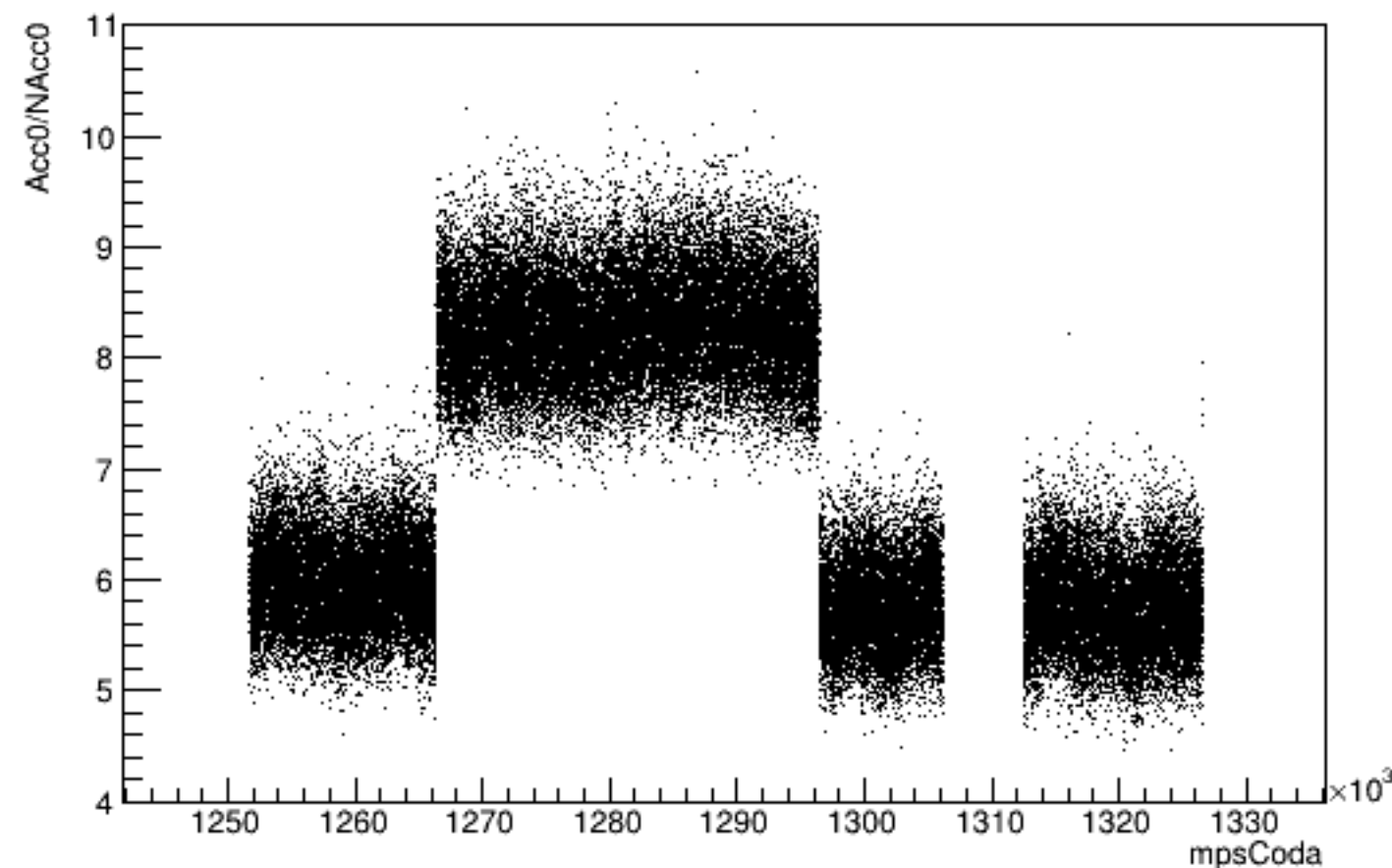
Mean: 0.0005 +/- 0.0010

Std Dev: 0.0532 +/- 0.0007

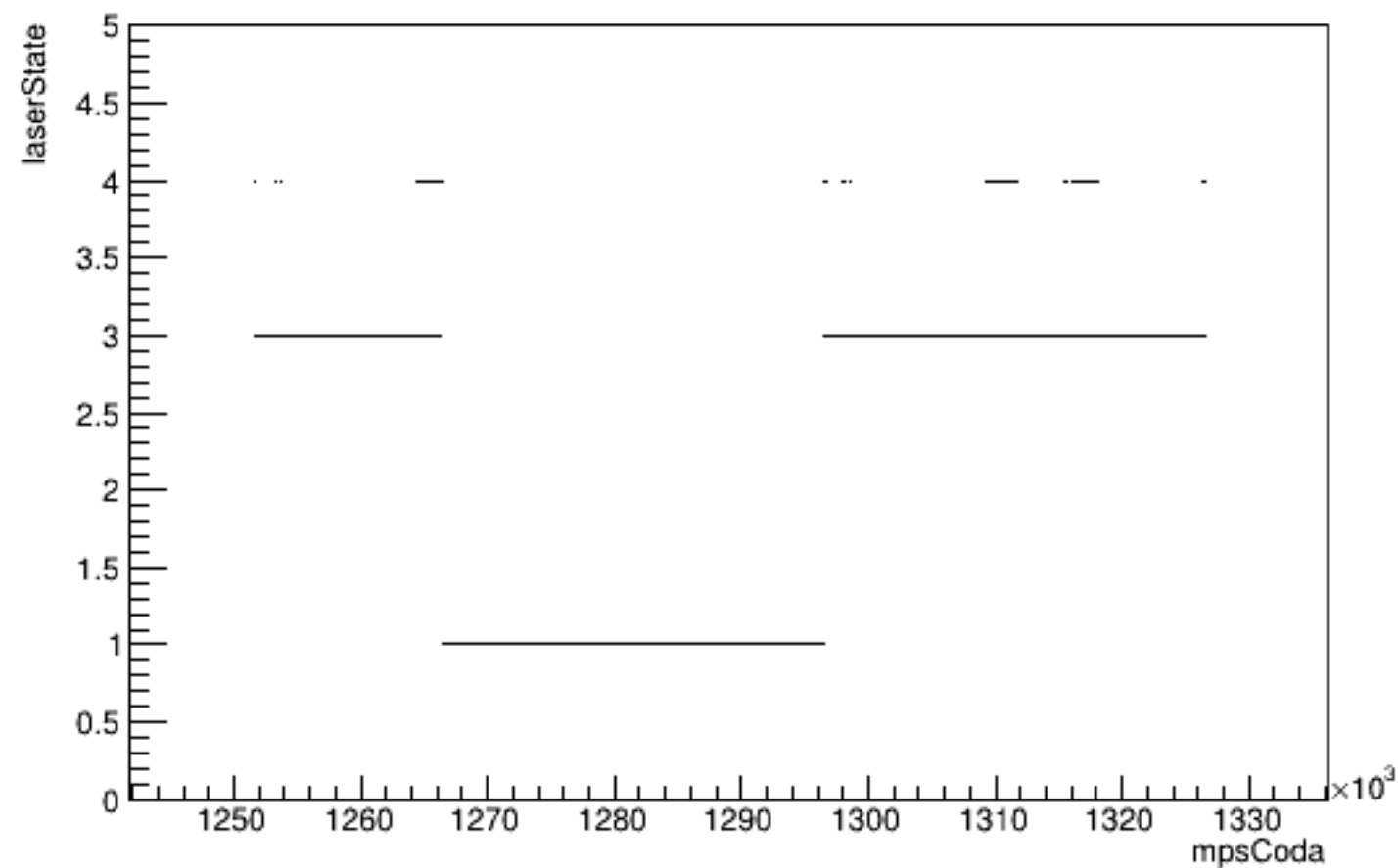
Run 4343 quartetwise, Asyms



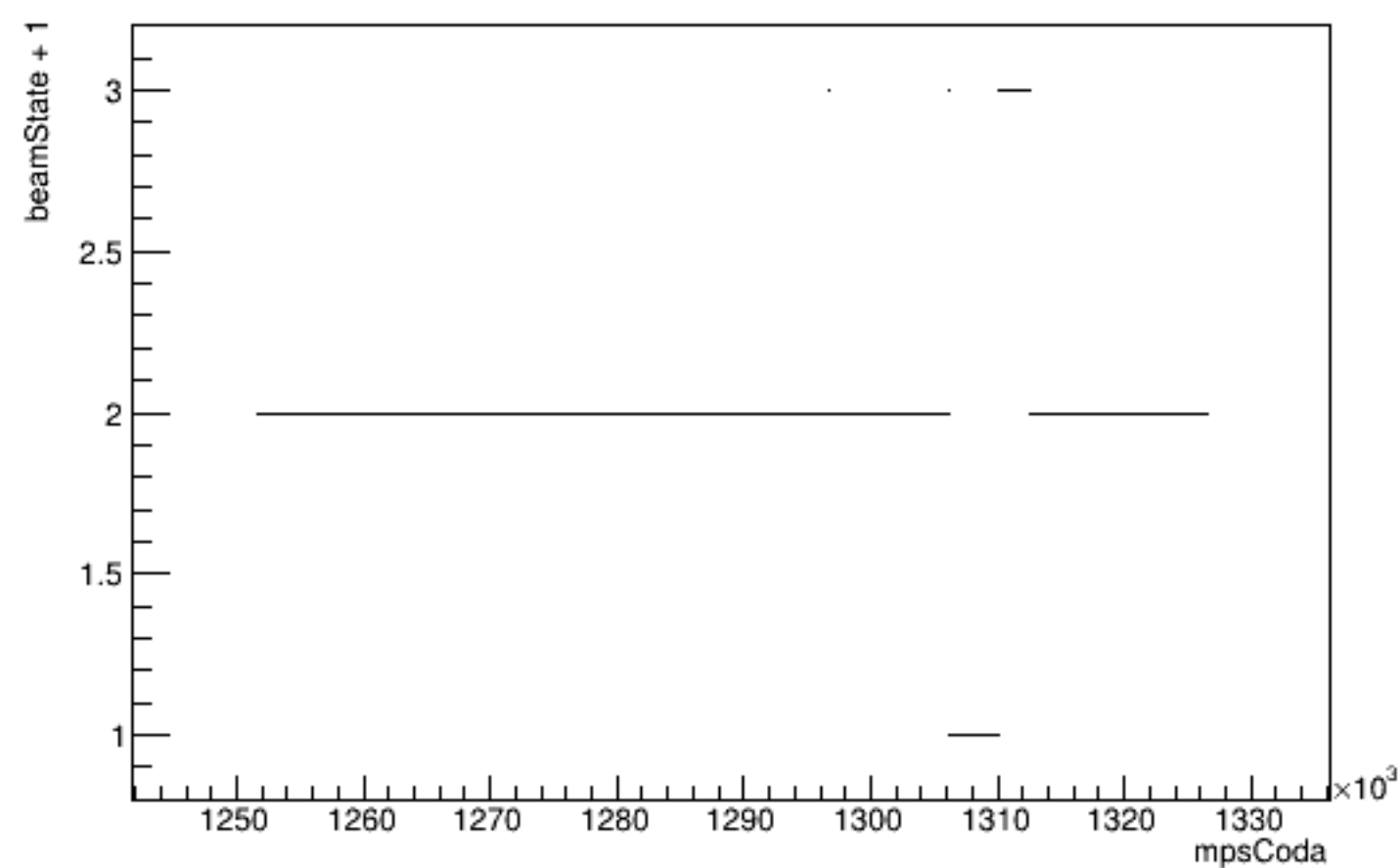
Acc0/NAcc0:mpsCoda (mpsCoda>=1251719 && mpsCoda<=1326526 && beamState==1)



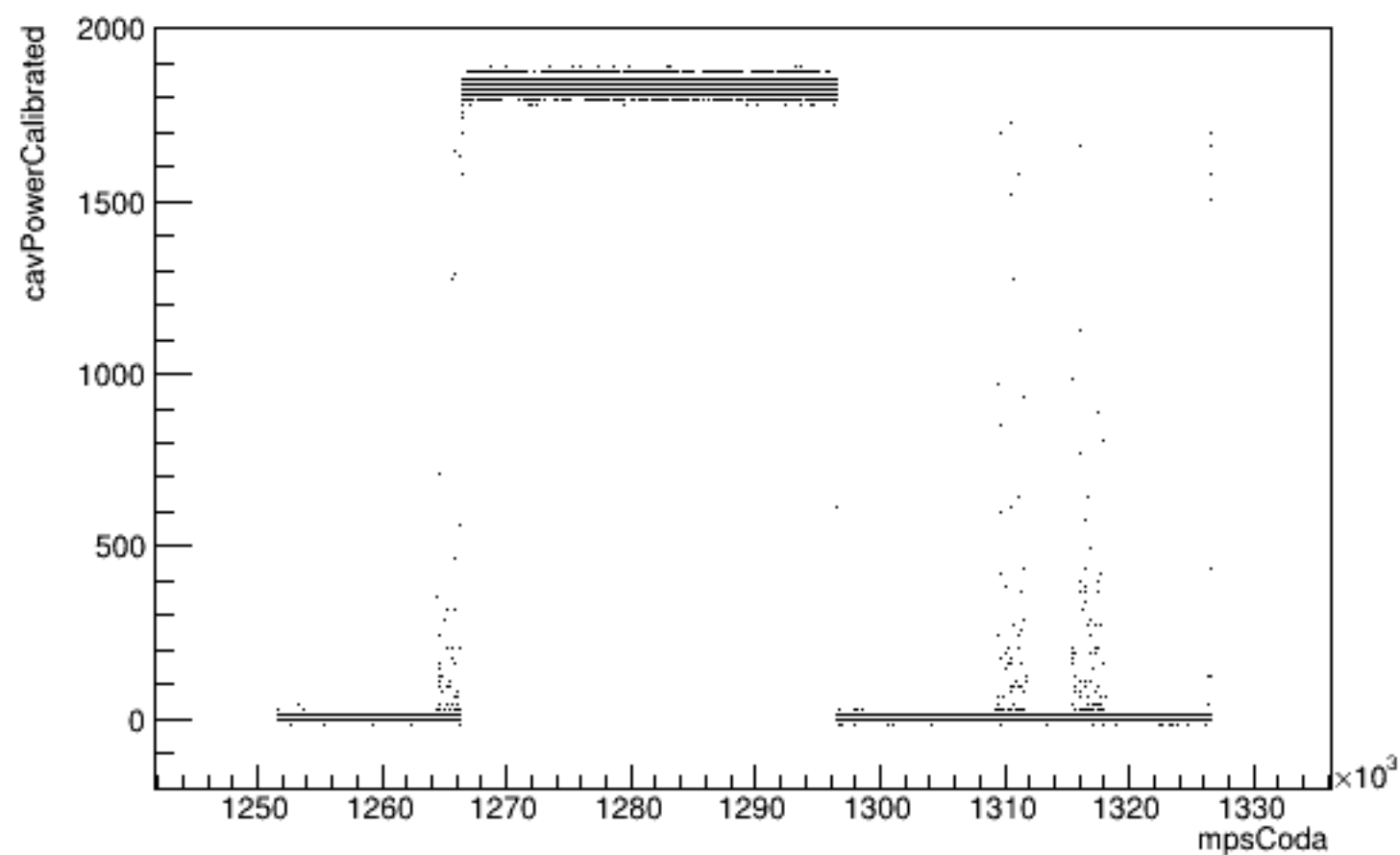
laserState:mpsCoda {mpsCoda>=1251719 && mpsCoda<=1326526}



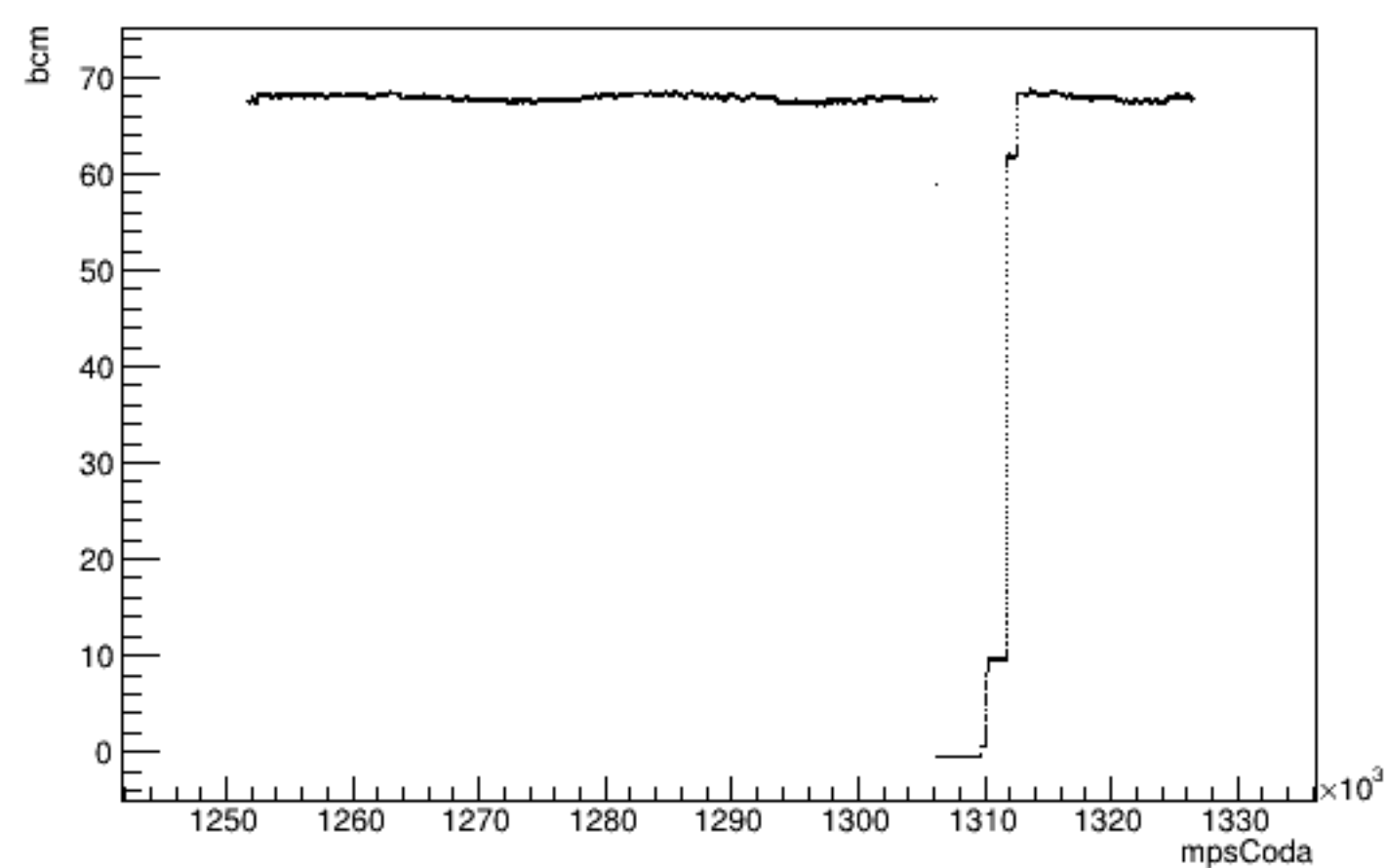
beamState + 1:mpsCoda {mpsCoda>=1251719 && mpsCoda<=1326526}



cavPowerCalibrated:mpsCoda {mpsCoda>=1251719 && mpsCoda<=1326526}



bcm:mpsCoda {mpsCoda>=1251719 && mpsCoda<=1326526}



Cycle 21, Diffs

Entries: 2912

Mean: 0.0024 +/- 0.0048

Std Dev: 0.2576 +/- 0.0034

Entries: 2933

Mean: 0.0672 +/- 0.0056

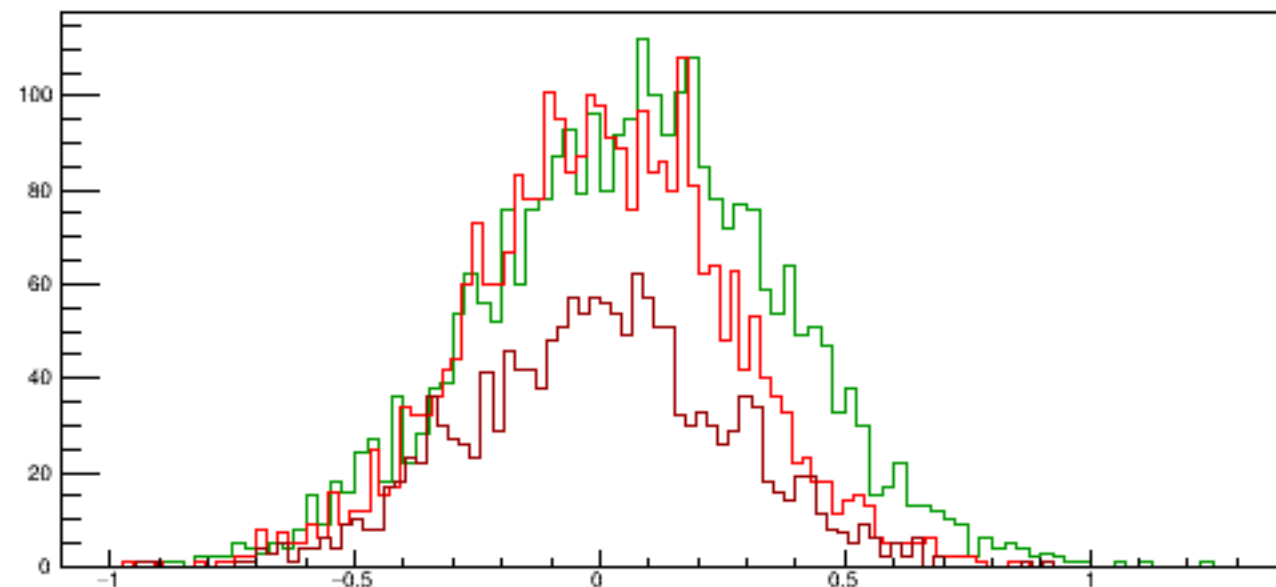
Std Dev: 0.3020 +/- 0.0039

Entries: 1578

Mean: -0.0070 +/- 0.0066

Std Dev: 0.2617 +/- 0.0047

Run 4343 quartetwise, Diffs



Cycle 21, Sums

Entries: 2912

Mean: 11.5036 +/- 0.0057

Std Dev: 0.3066 +/- 0.0040

Entries: 2933

Mean: 16.4081 +/- 0.0065

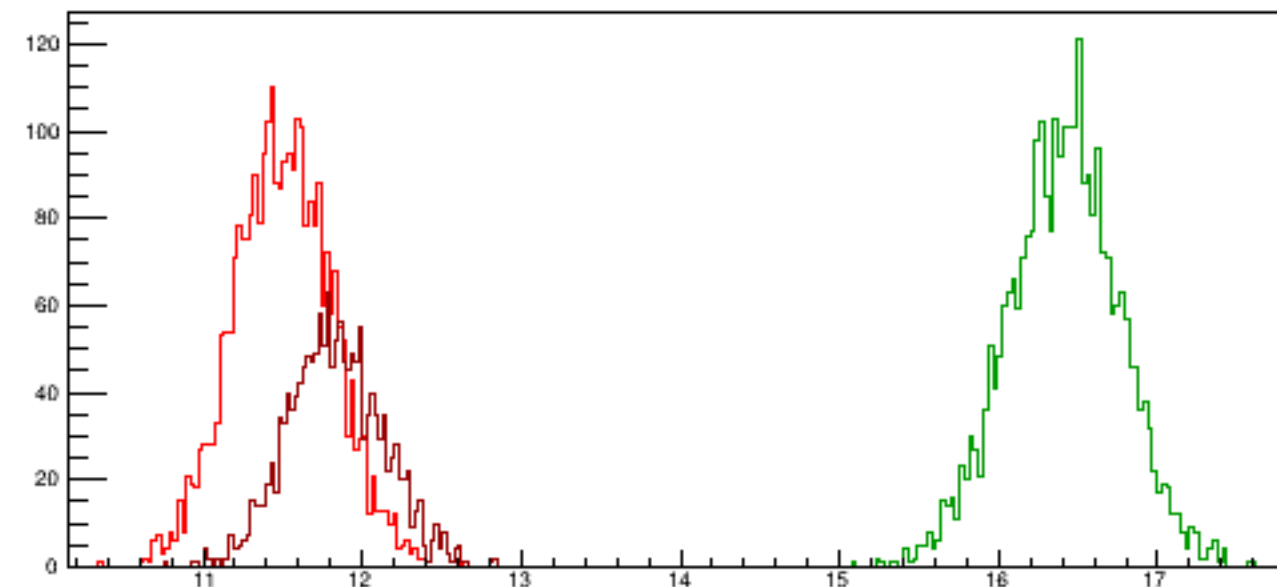
Std Dev: 0.3505 +/- 0.0046

Entries: 1578

Mean: 11.8300 +/- 0.0075

Std Dev: 0.2972 +/- 0.0053

Run 4343 quartetwise, Sums



Cycle 21, Asyms

Entries: 2912

Mean: 0.0005 +/- 0.0010

Std Dev: 0.0543 +/- 0.0007

Entries: 2933

Mean: 0.0142 +/- 0.0012

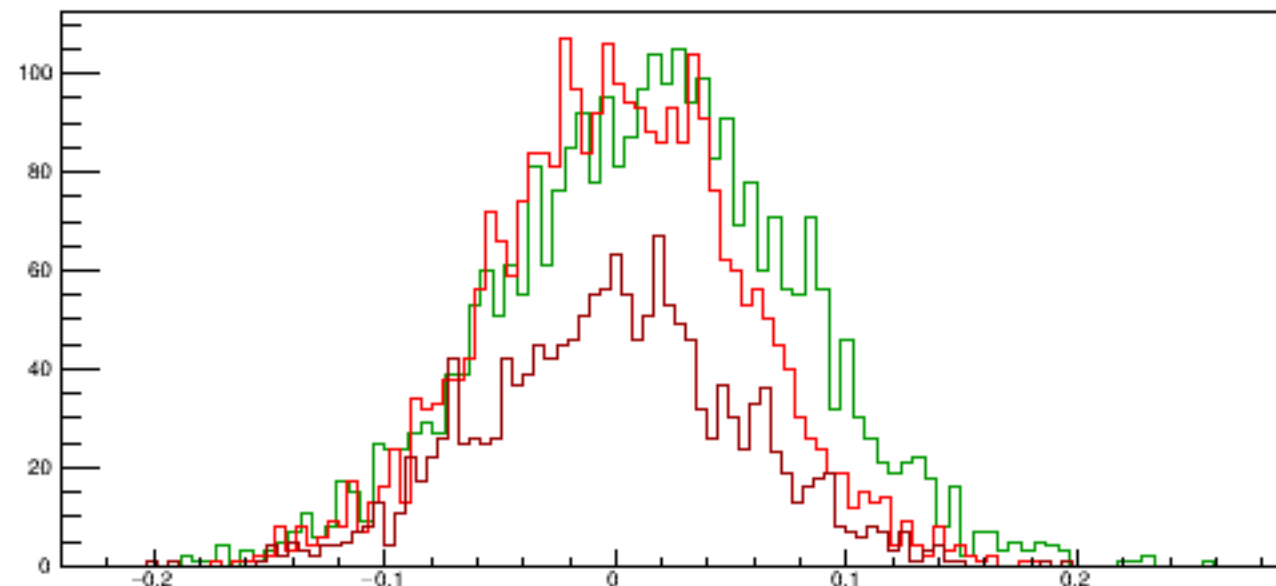
Std Dev: 0.0641 +/- 0.0008

Entries: 1578

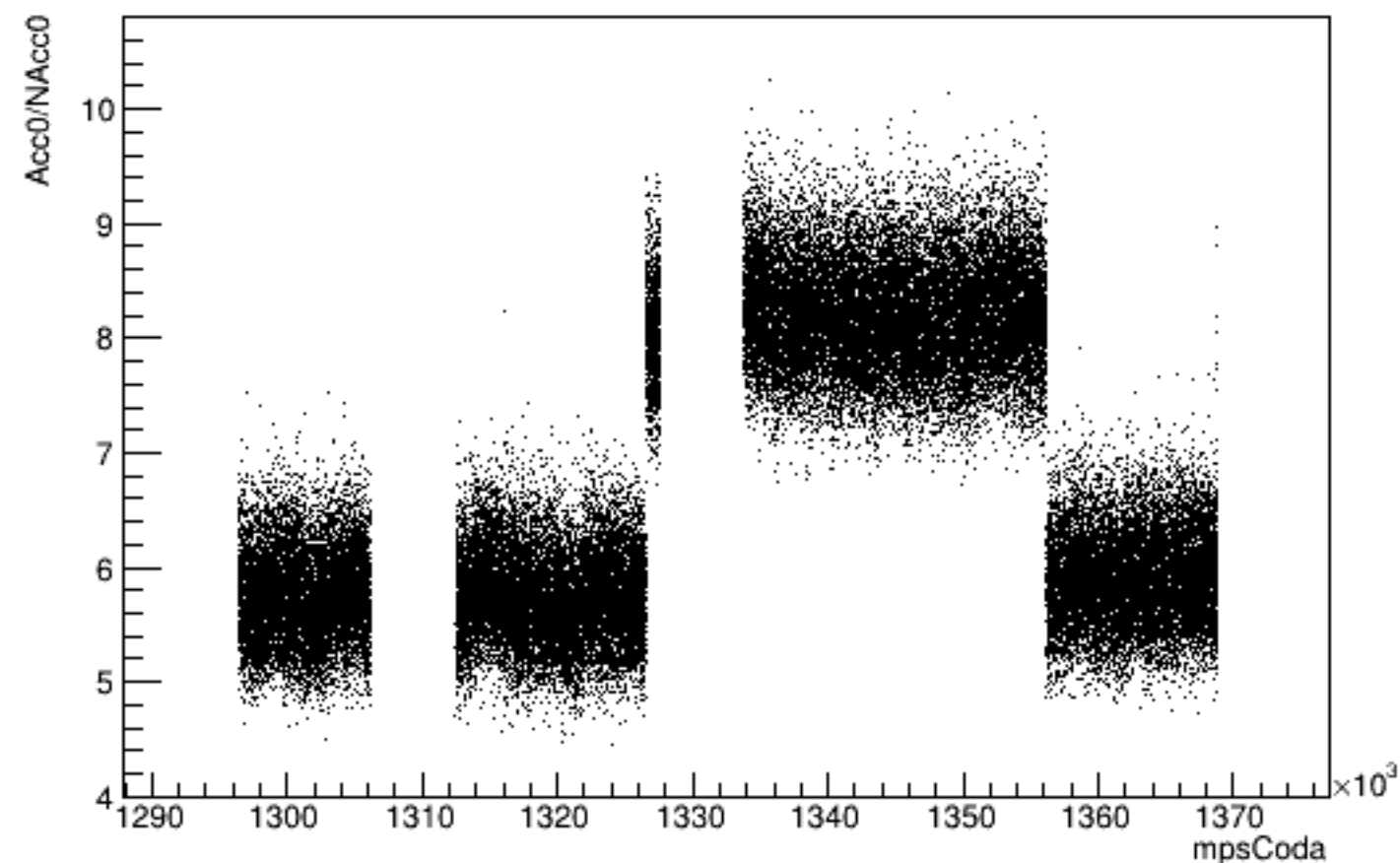
Mean: -0.0015 +/- 0.0014

Std Dev: 0.0552 +/- 0.0010

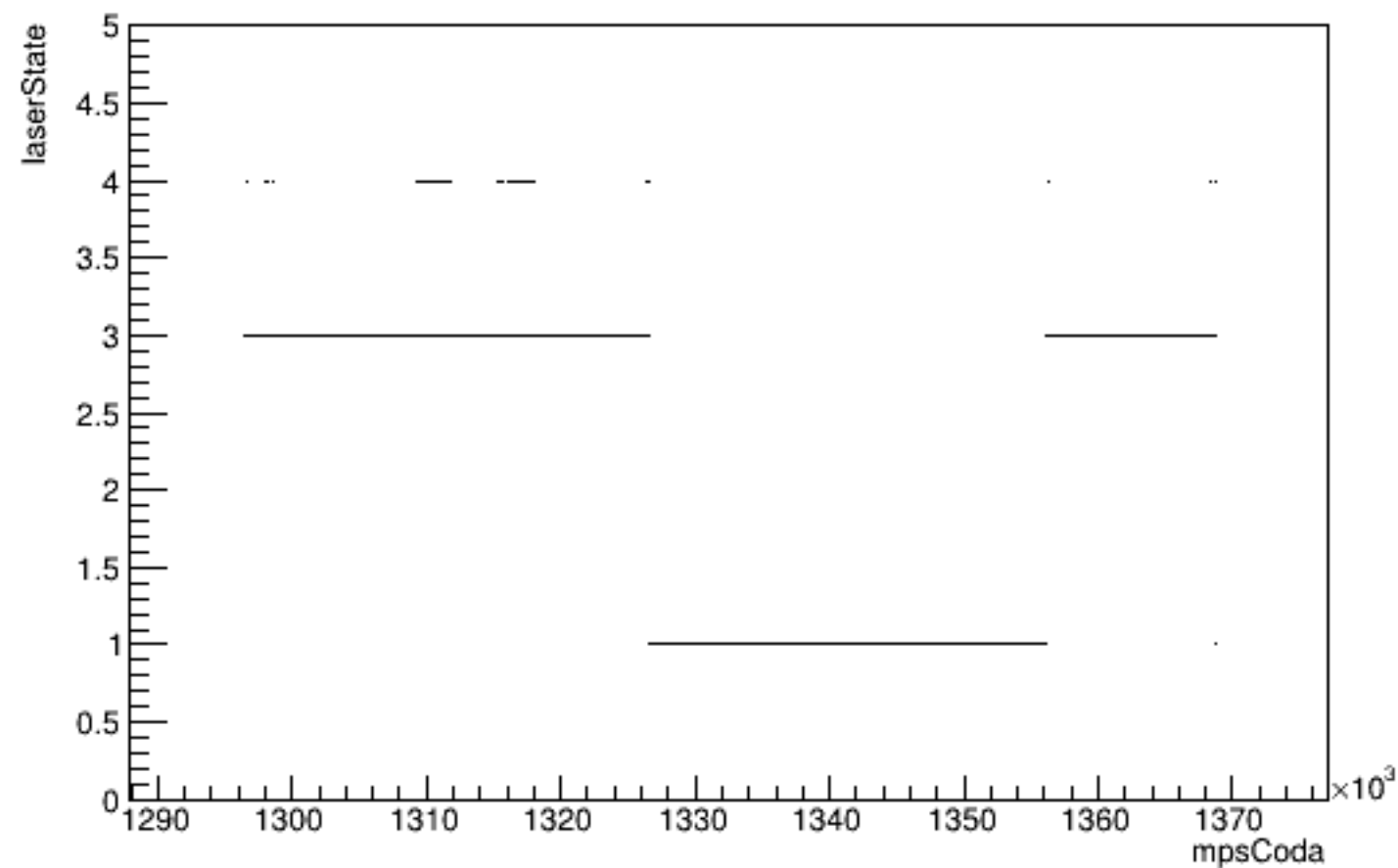
Run 4343 quartetwise, Asyms



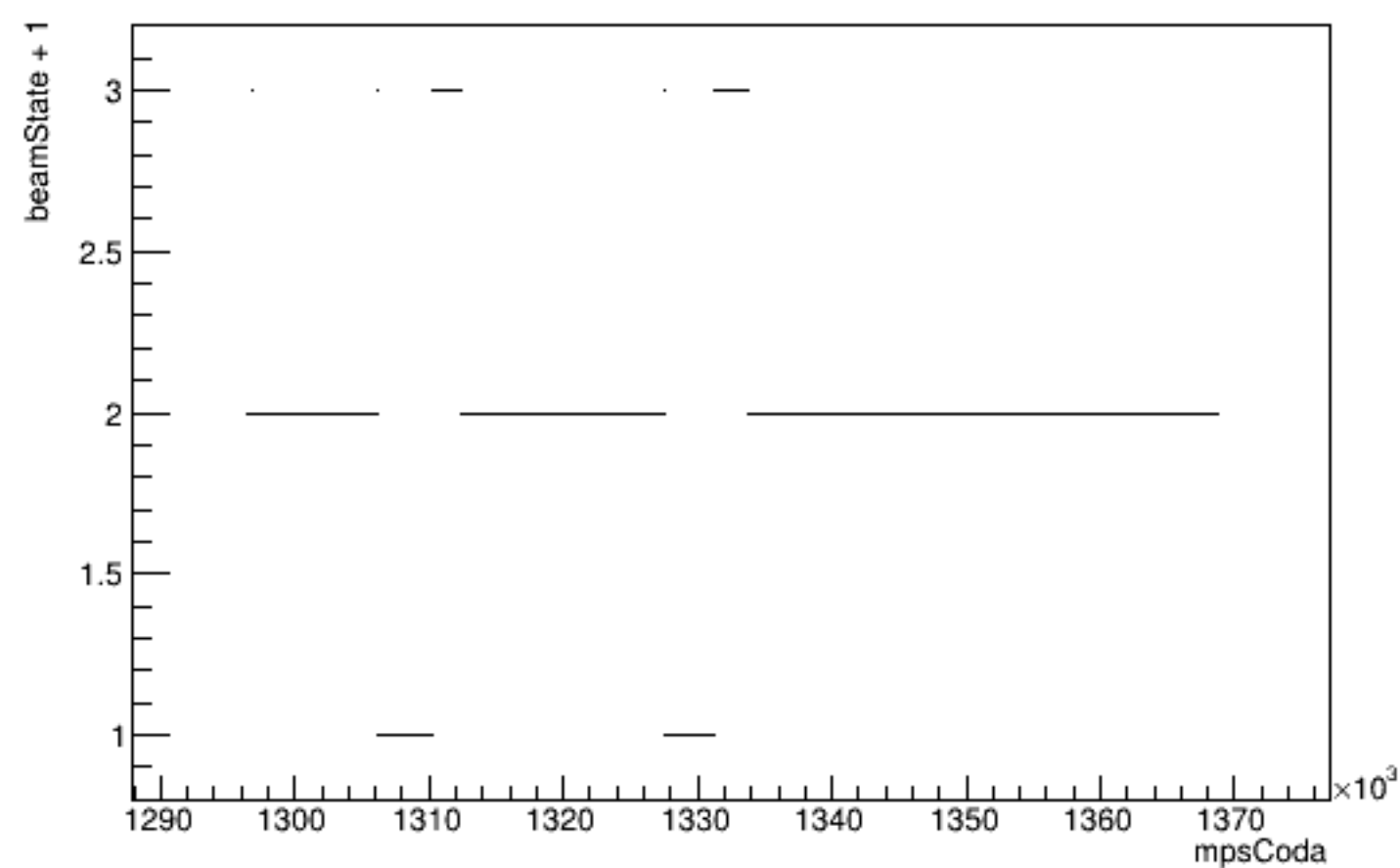
Acc0/NAcc0:mpsCoda (mpsCoda>=1296431 && mpsCoda<=1368838 && beamState==1)



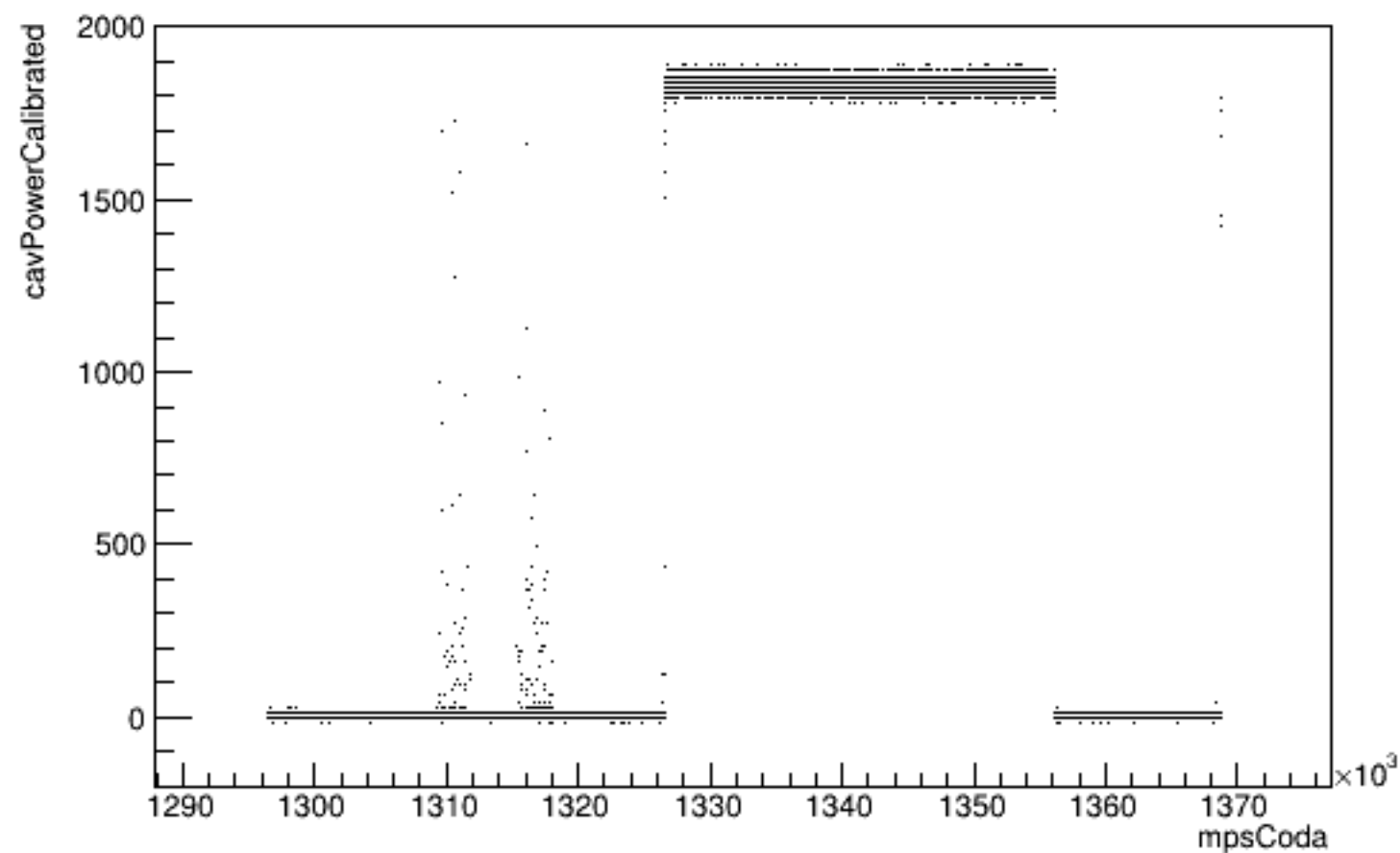
laserState:mpsCoda {mpsCoda>=1296431 && mpsCoda<=1368838}



beamState + 1:mpsCoda {mpsCoda>=1296431 && mpsCoda<=1368838}



cavPowerCalibrated:mpsCoda {mpsCoda>=1296431 && mpsCoda<=1368838}



bcm:mpsCoda {mpsCoda>=1296431 && mpsCoda<=1368838}

