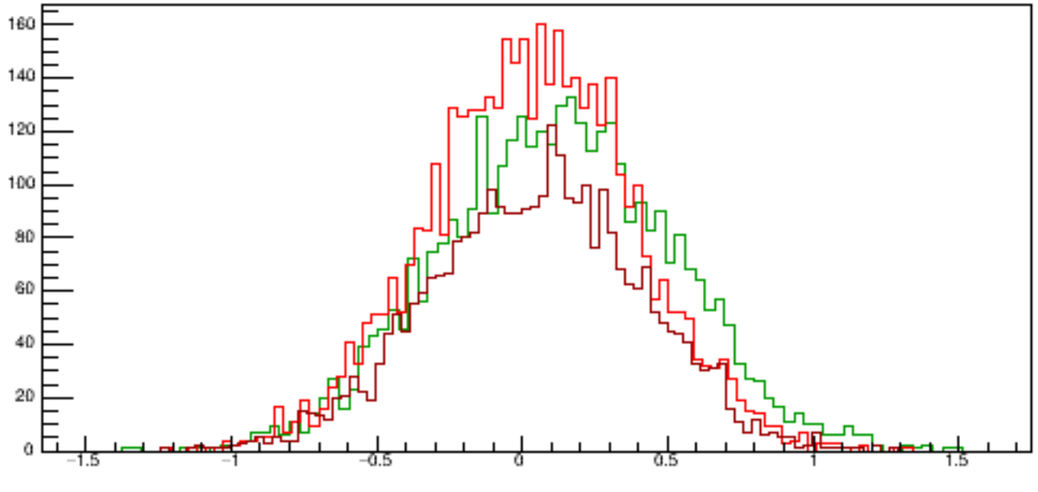
Cycle 1, Diffs

Entries: 4437	Entries: 3694	Entries: 3145
Mean: 0.0314 +/- 0.0053	Mean: 0.1138 +/- 0.0066	Mean: 0.0446 +/- 0.0065
Std Dev: 0.3541 +/- 0.0038	Std Dev: 0.4014 +/- 0.0047	Std Dev: 0.3644 +/- 0.0046

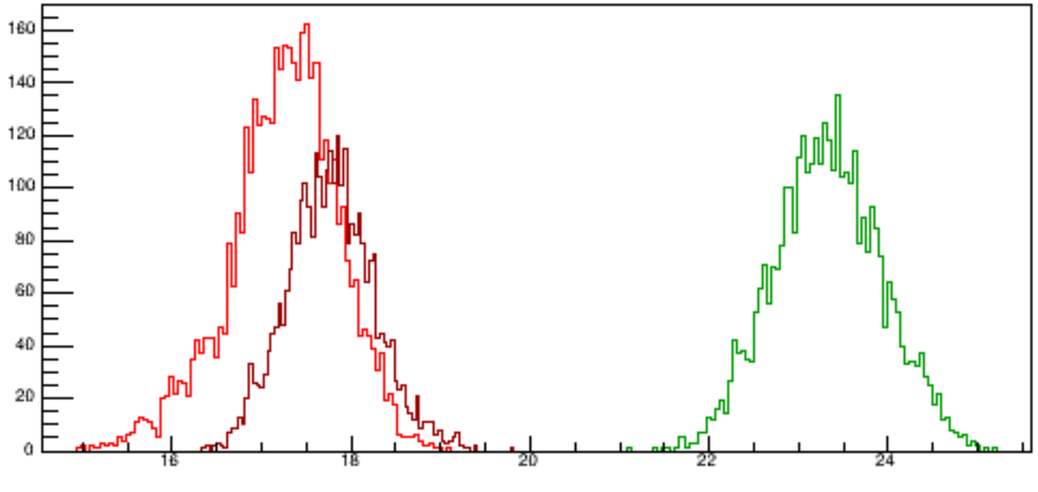
Run 4448 quartetwise, Diffs



Cycle 1, Sums

Entries: 4437	Entries: 3694	Entries: 3145
Mean: 17.2521 +/- 0.0092	Mean: 23.3206 +/- 0.0099	Mean: 17.7731 +/- 0.0086
Std Dev: 0.6119 +/- 0.0065	Std Dev: 0.6019 +/- 0.0070	Std Dev: 0.4842 +/- 0.0061

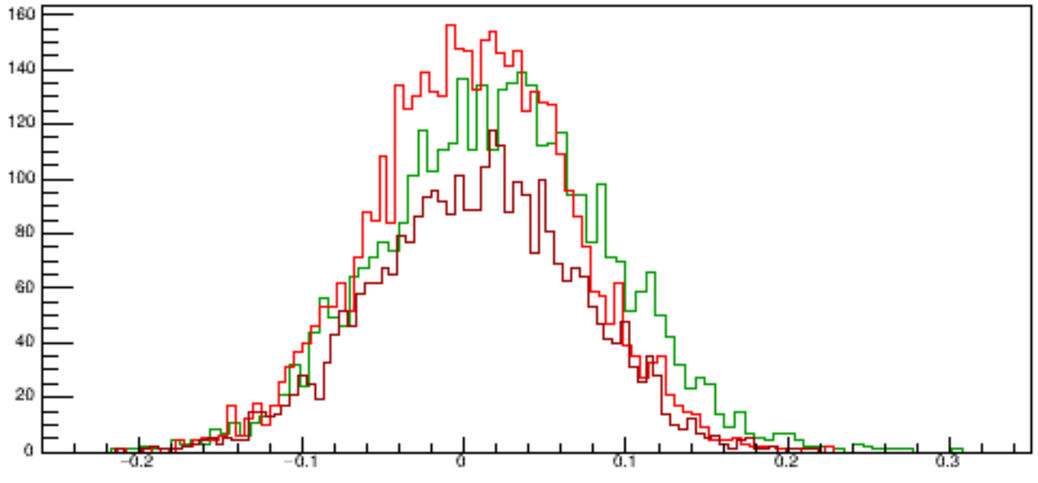
Run 4448 quartetwise, Sums

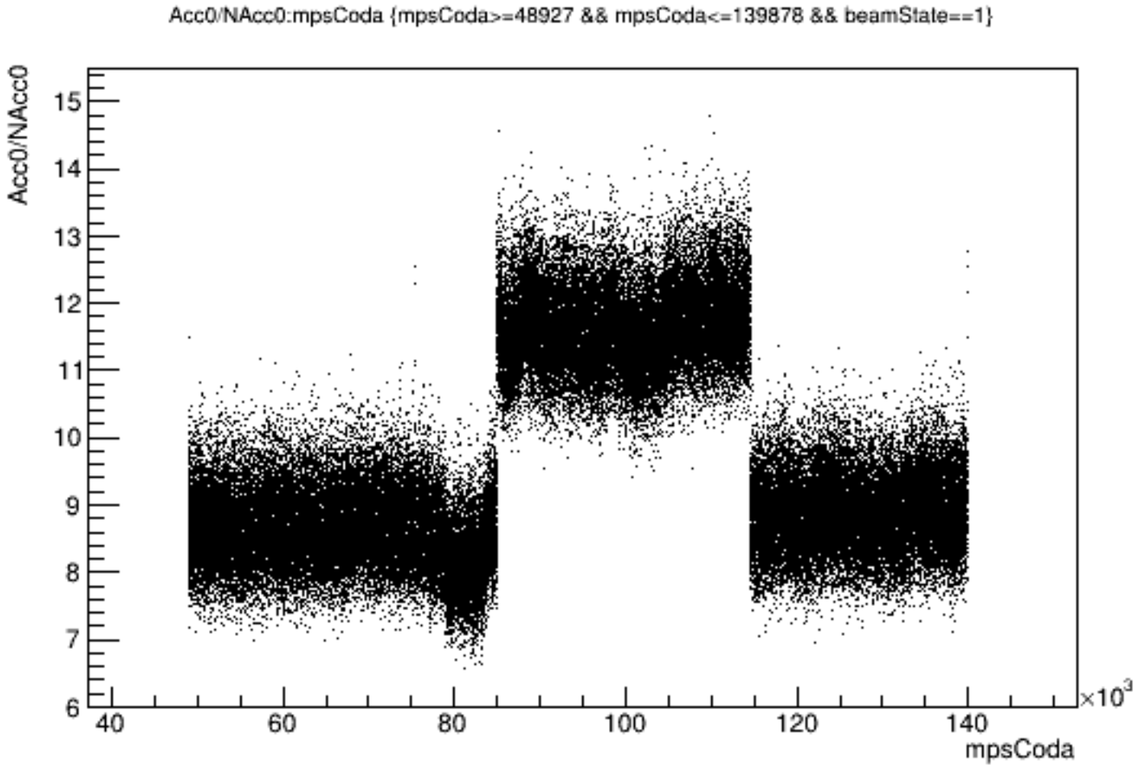


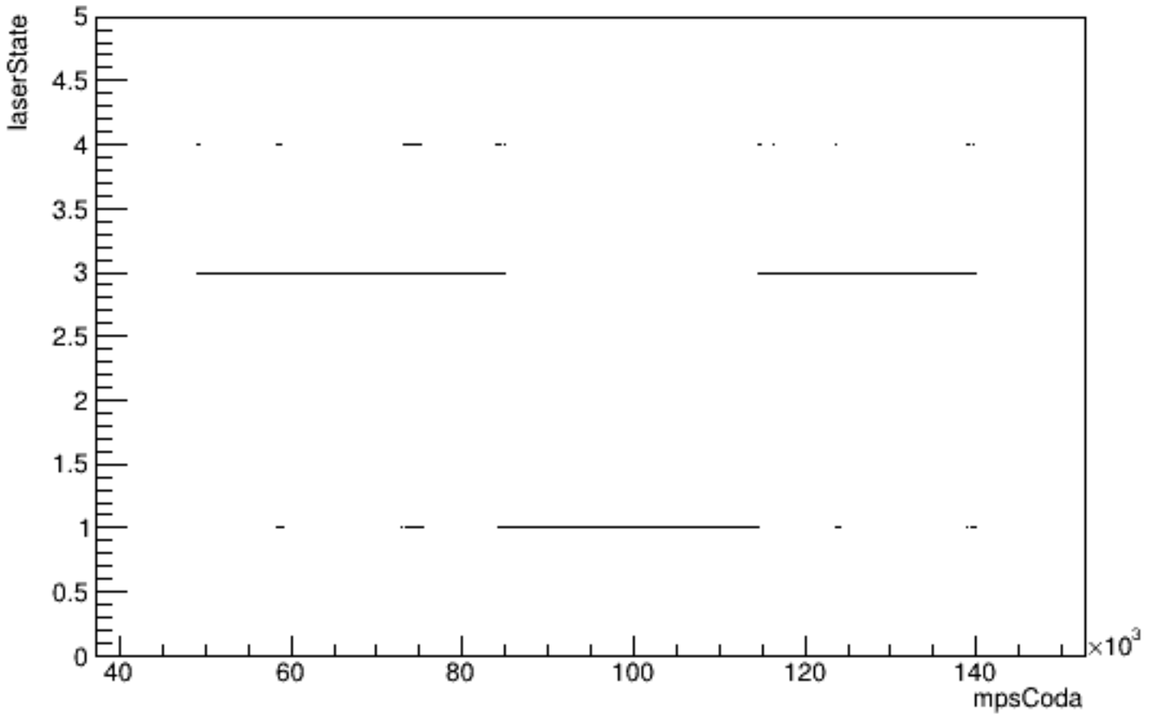
Cycle 1, Asyms

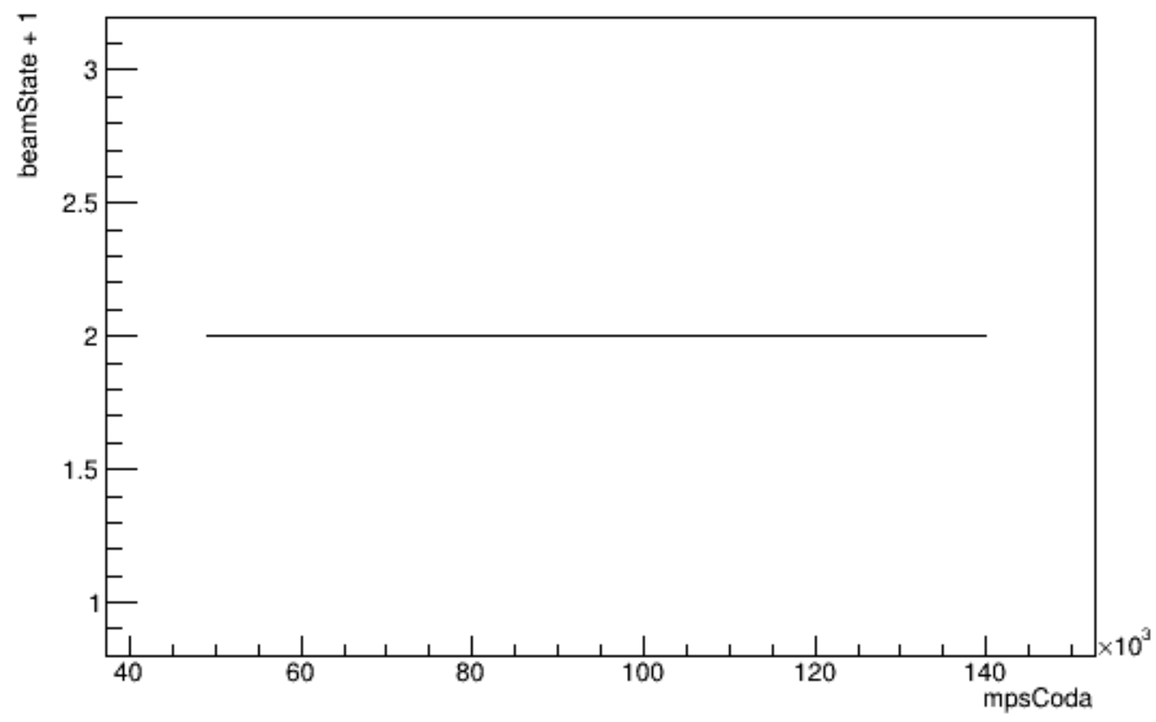
Entries: 4437	Entries: 3694	Entries: 3145
Mean: 0.0054 +/- 0.0009	Mean: 0.0199 +/- 0.0012	Mean: 0.0077 +/- 0.0011
Std Dev: 0.0610 +/- 0.0006	Std Dev: 0.0701 +/- 0.0008	Std Dev: 0.0627 +/- 0.0008

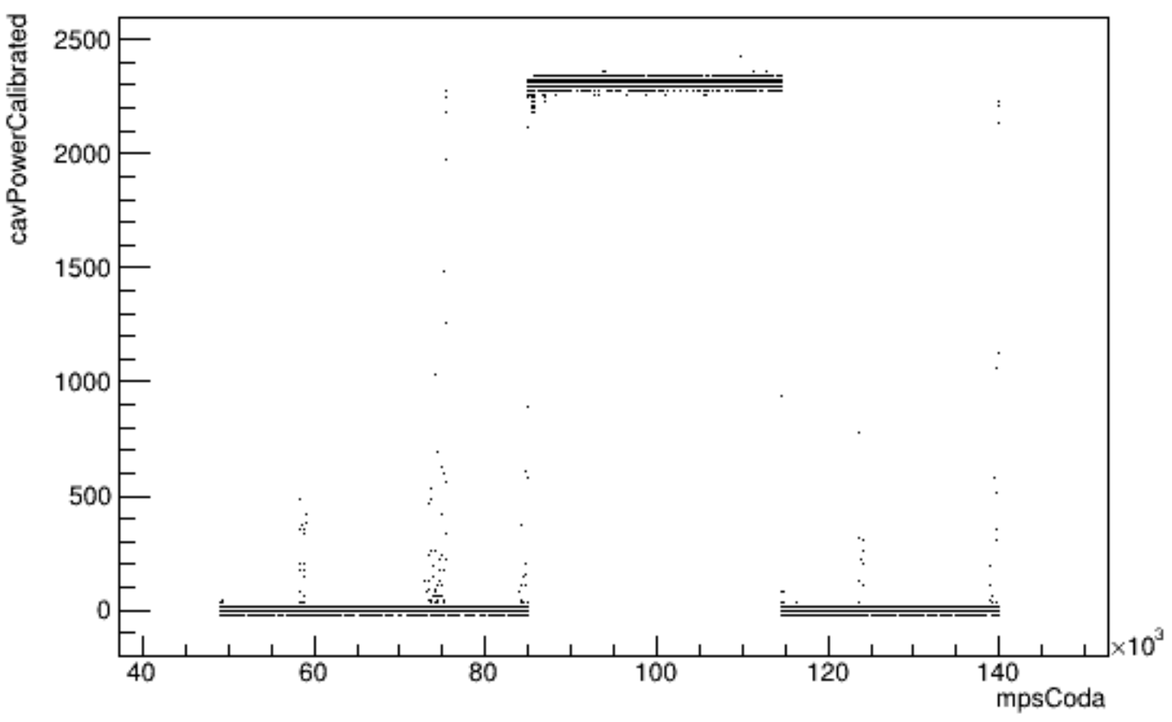
Run 4448 quartetwise, Asyms

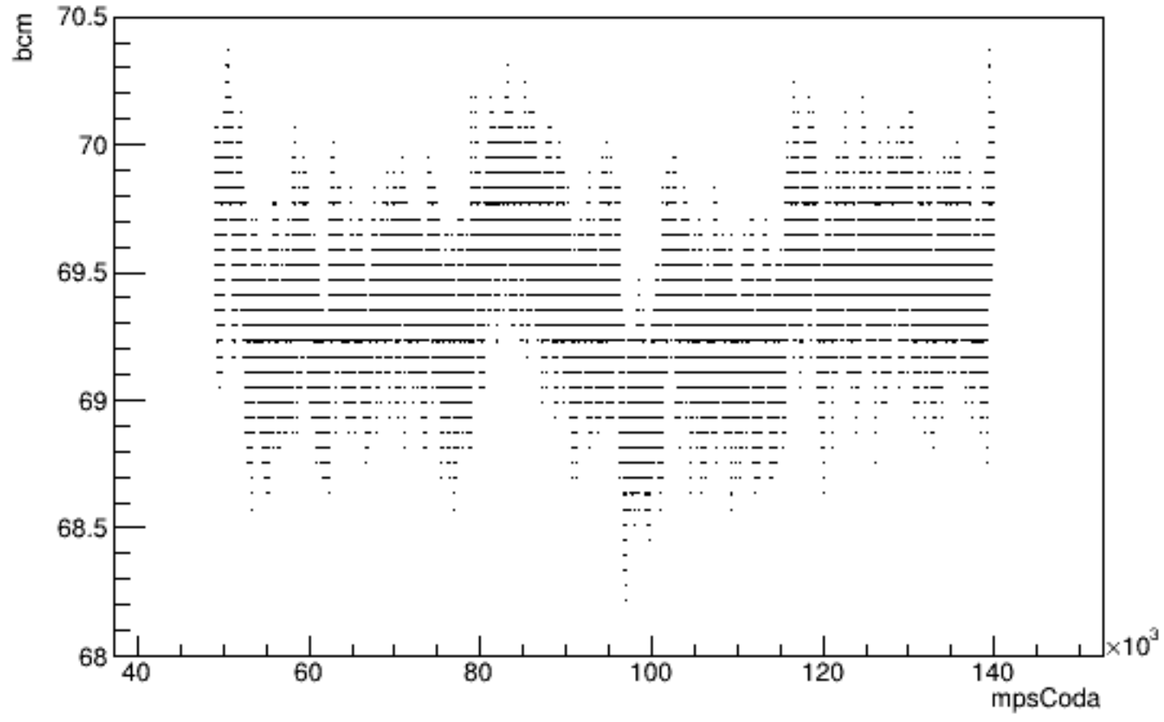





laserState:mpsCoda {mpsCoda>=48927 && mpsCoda<=139878}
laserState
mpsCoda
×10^3

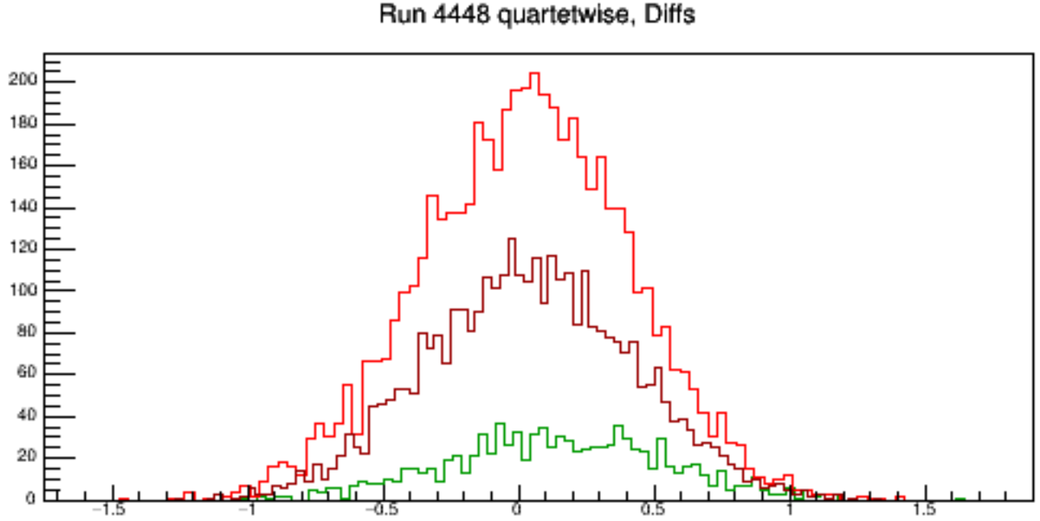

beamState + 1:mpsCoda {mpsCoda>=48927 && mpsCoda<=139878}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=48927 && mpsCoda<=139878}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=48927 && mpsCoda<=139878}
bcm
mpsCoda
×10^3

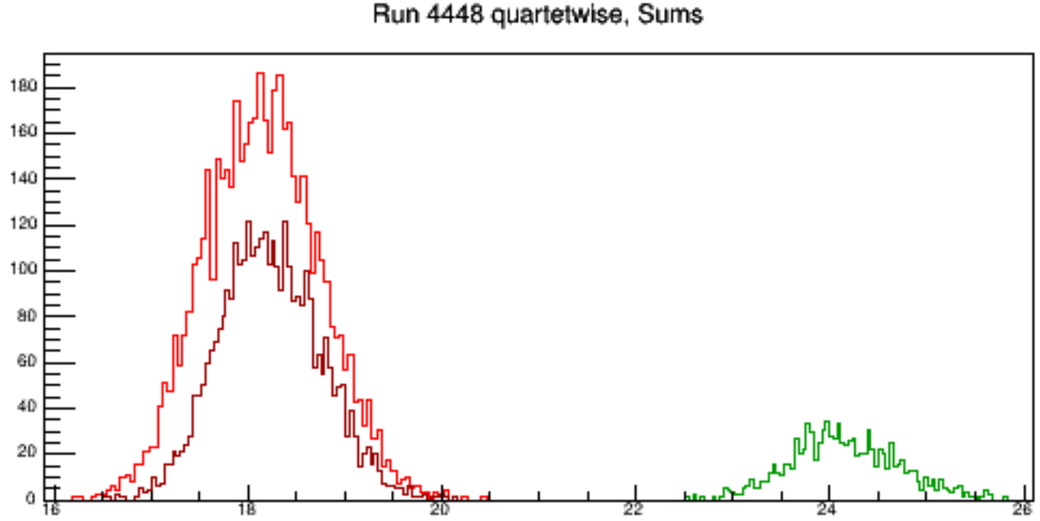
Cycle 4, Diffs

Entries: 5317	Entries: 975	Entries: 3531
Mean: 0.0286 +/- 0.0053	Mean: 0.1477 +/- 0.0132	Mean: 0.0397 +/- 0.0064
Std Dev: 0.3845 +/- 0.0037	Std Dev: 0.4113 +/- 0.0093	Std Dev: 0.3819 +/- 0.0045



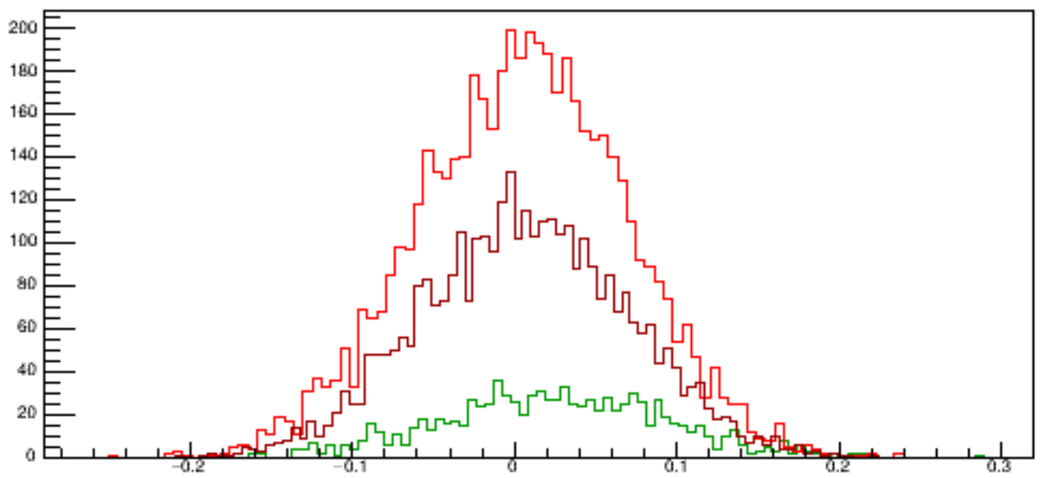
Cycle 4, Sums

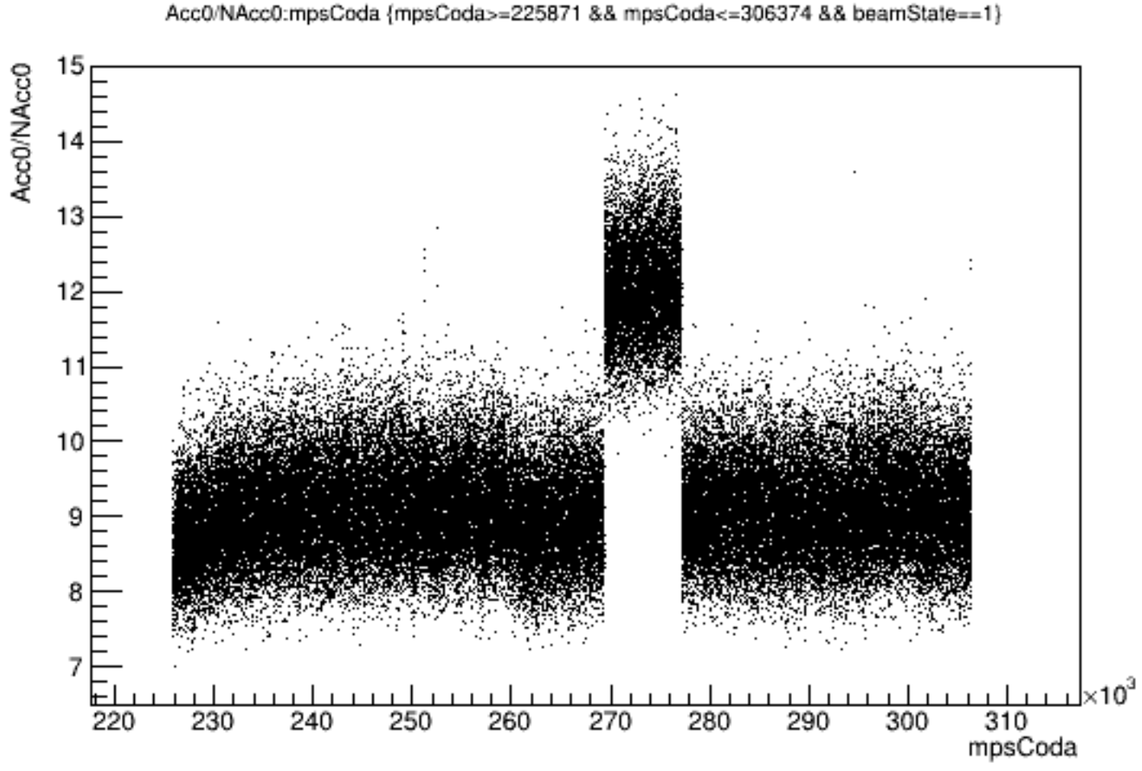
Entries: 5317	Entries: 975	Entries: 3531
Mean: 18.1490 +/- 0.0081	Mean: 24.1437 +/- 0.0176	Mean: 18.2275 +/- 0.0087
Std Dev: 0.5910 +/- 0.0057	Std Dev: 0.5484 +/- 0.0124	Std Dev: 0.5196 +/- 0.0062

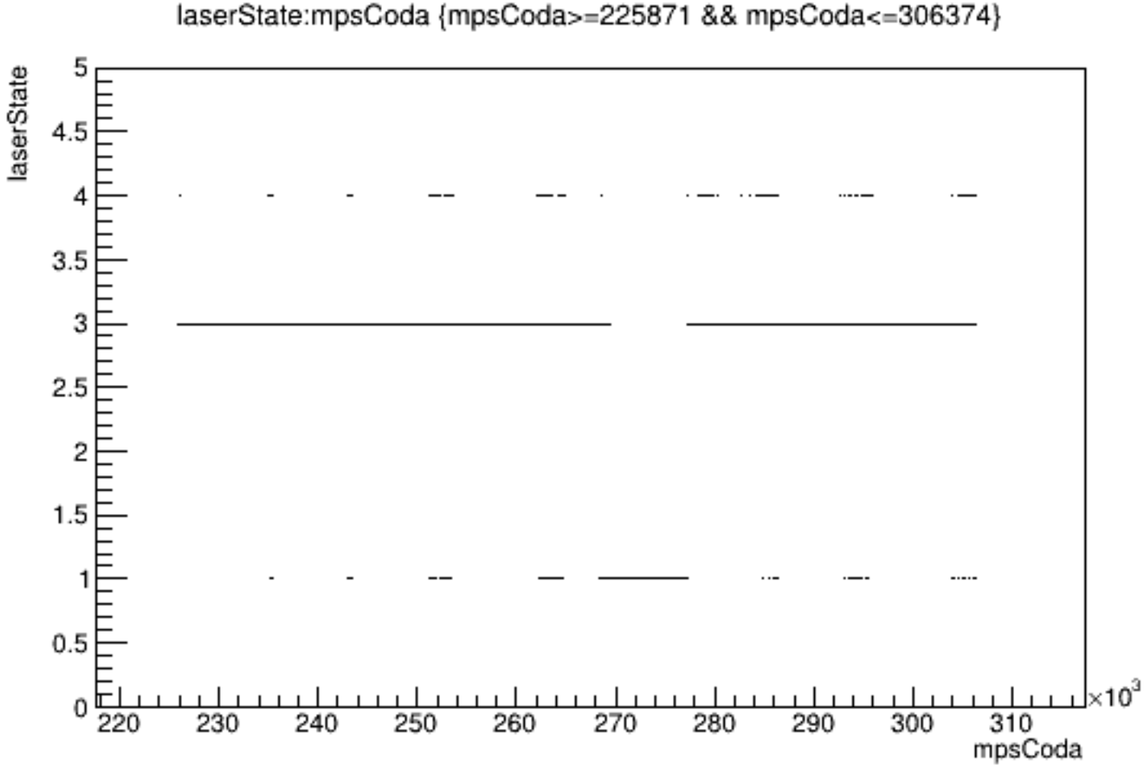


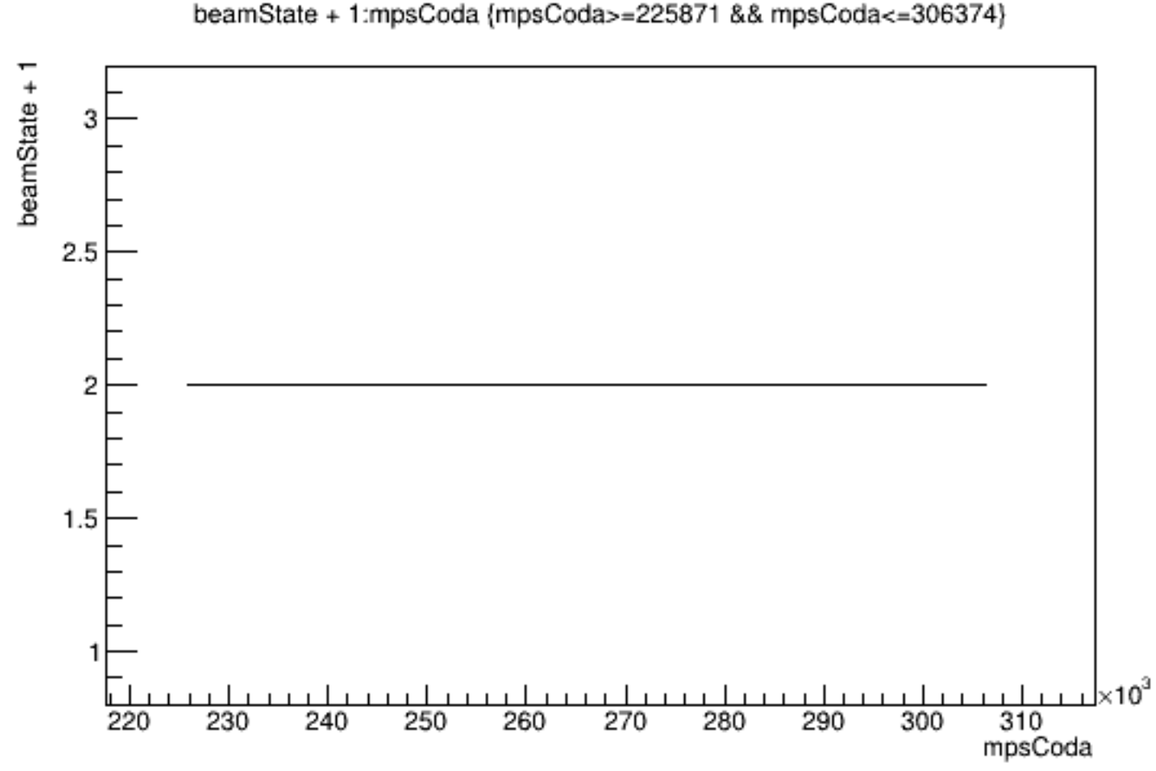
Cycle 4, Asyms

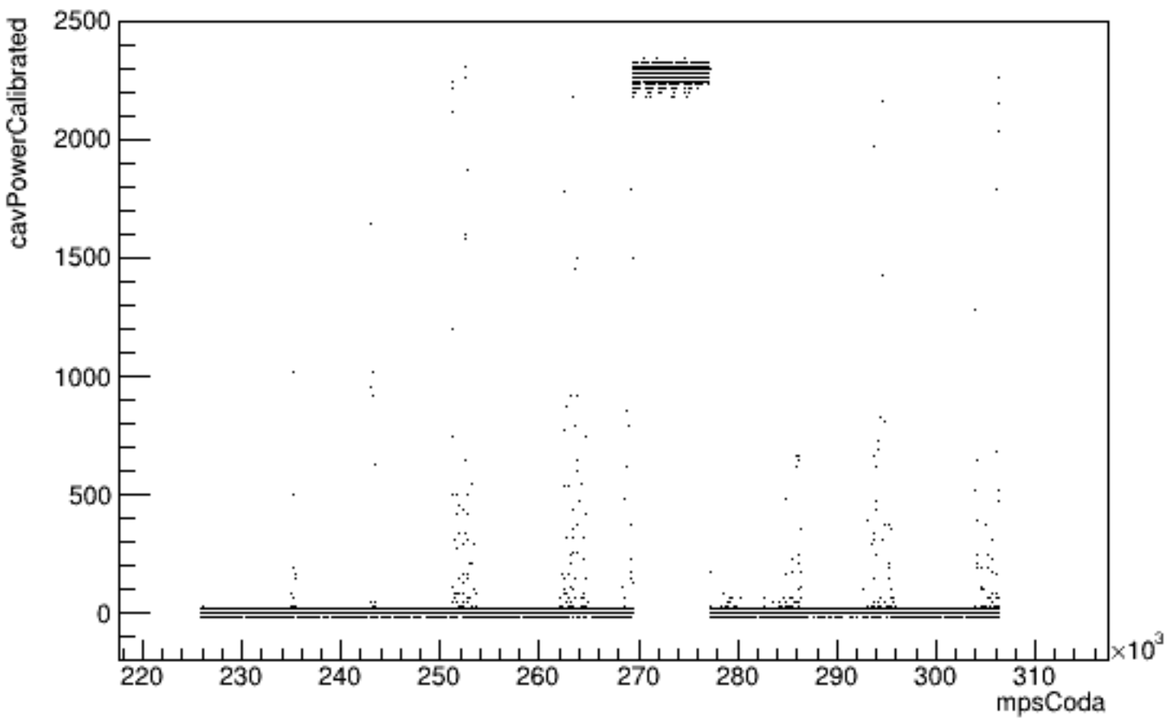
Entries: 5317	Entries: 975	Entries: 3531
Mean: 0.0048 +/- 0.0009	Mean: 0.0250 +/- 0.0022	Mean: 0.0067 +/- 0.0011
Std Dev: 0.0646 +/- 0.0006	Std Dev: 0.0696 +/- 0.0016	Std Dev: 0.0641 +/- 0.0008

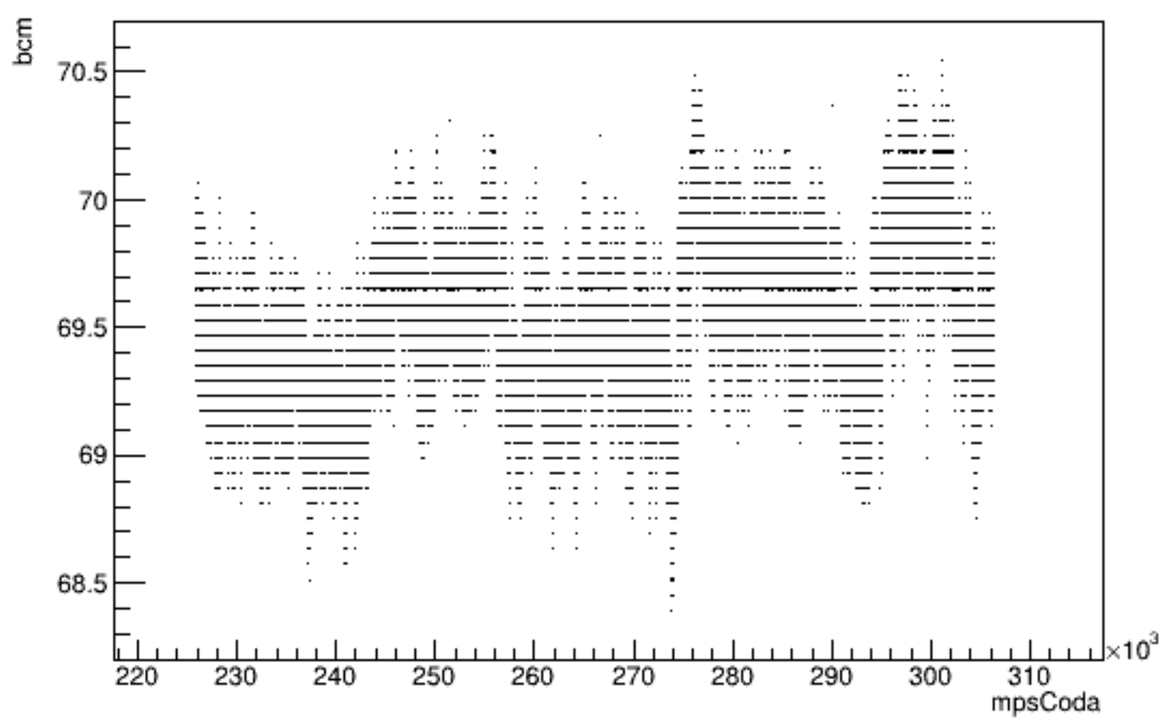





laserState:mpsCoda {mpsCoda>=225871 && mpsCoda<=306374}
laserState
mpsCoda
×10^3

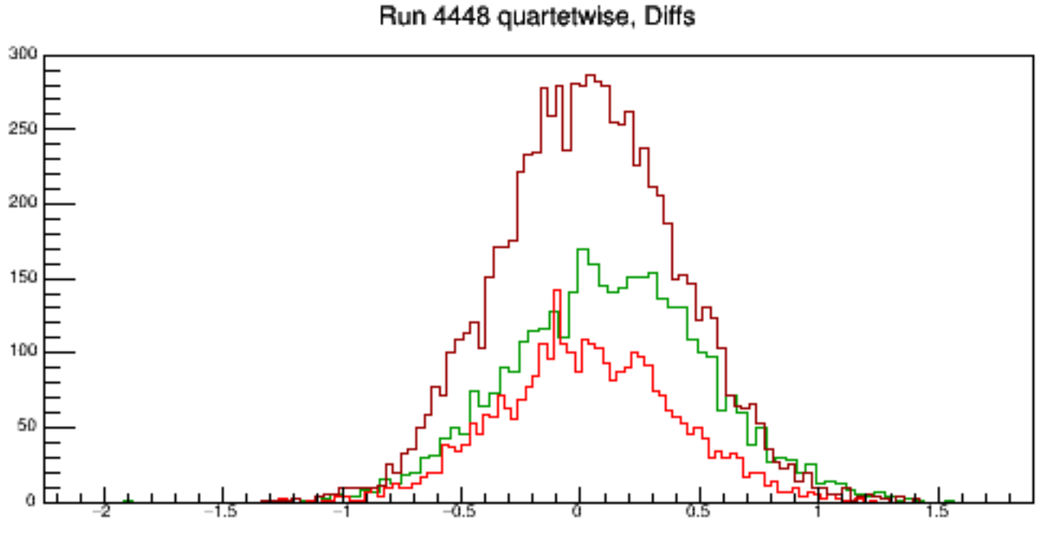

beamState + 1:mpsCoda {mpsCoda>=225871 && mpsCoda<=306374}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=225871 && mpsCoda<=306374}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=225871 && mpsCoda<=306374}
bcm
mpsCoda
×10^3

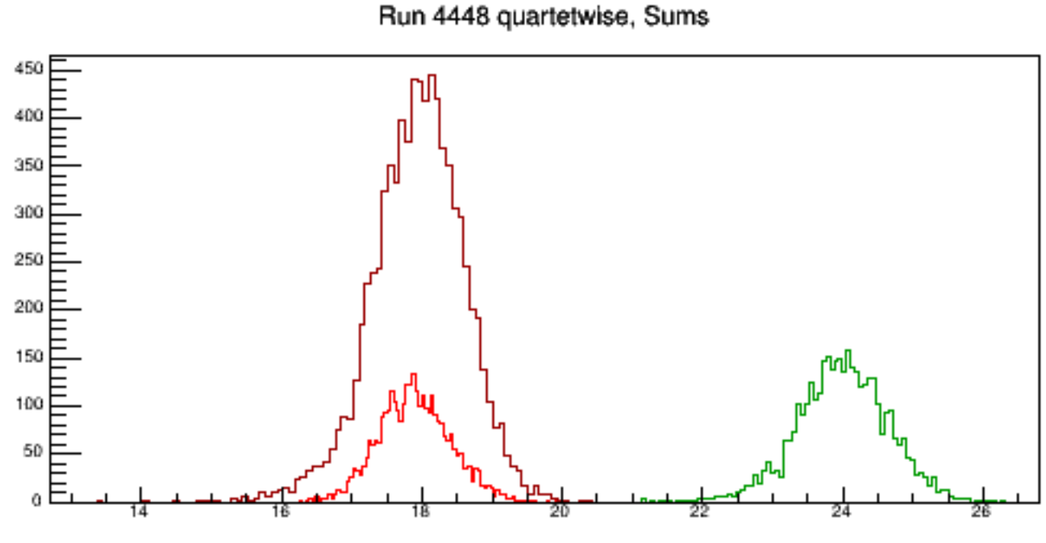
Cycle 5, Diffs

Entries: 3268	Entries: 3805	Entries: 8104
Mean: 0.0286 +/- 0.0065	Mean: 0.1192 +/- 0.0066	Mean: 0.0376 +/- 0.0042
Std Dev: 0.3703 +/- 0.0046	Std Dev: 0.4094 +/- 0.0047	Std Dev: 0.3776 +/- 0.0030



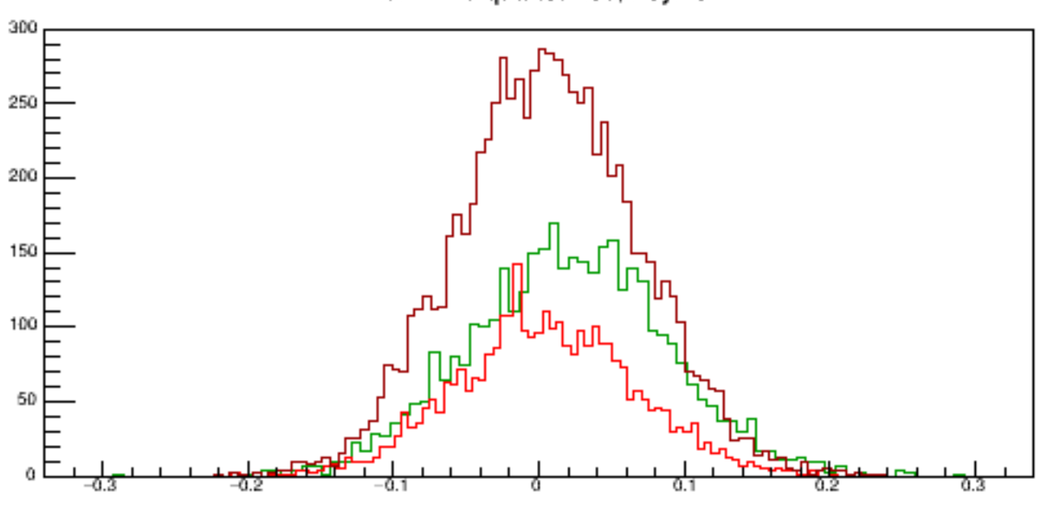
Cycle 5, Sums

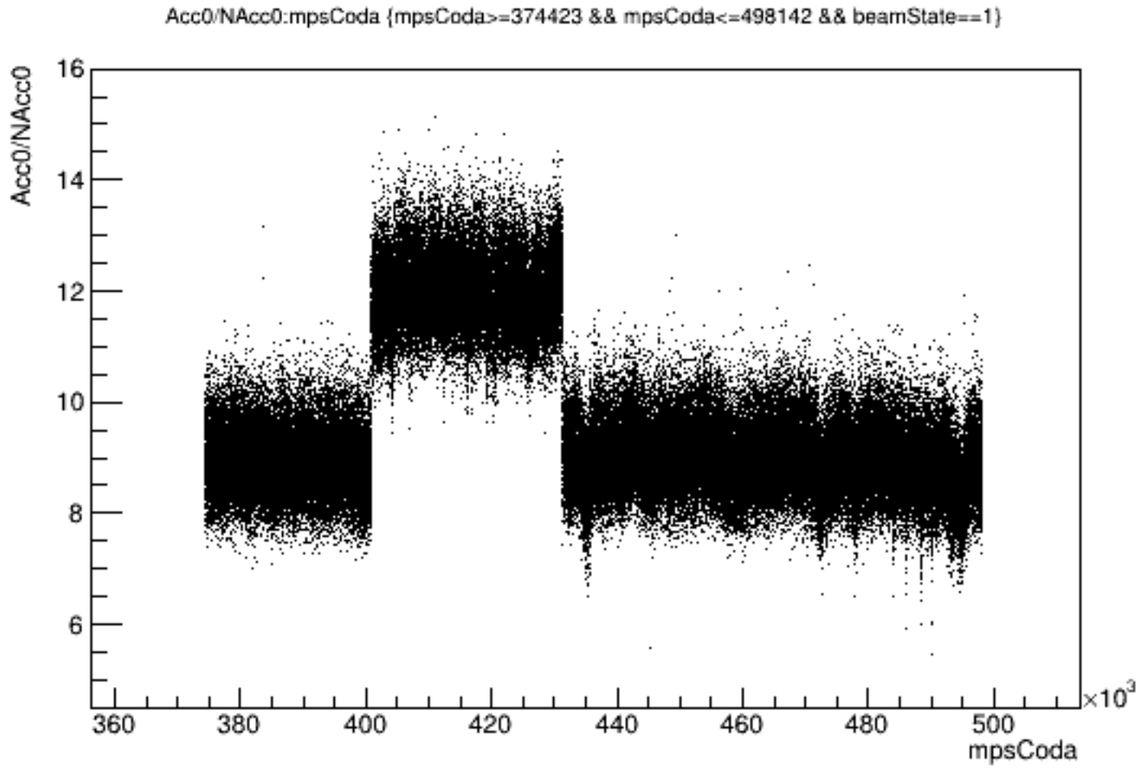
Entries: 3268	Entries: 3805	Entries: 8104
Mean: 17.8927 +/- 0.0090	Mean: 23.9885 +/- 0.0107	Mean: 17.9428 +/- 0.0073
Std Dev: 0.5152 +/- 0.0064	Std Dev: 0.6600 +/- 0.0076	Std Dev: 0.6599 +/- 0.0052

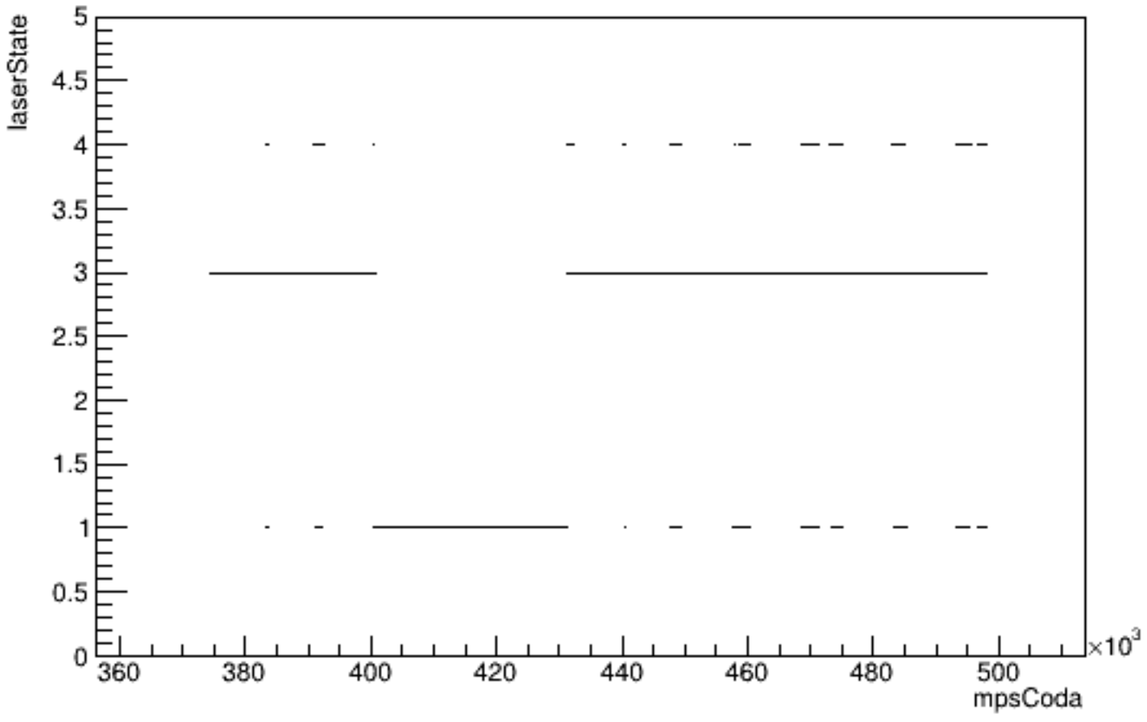


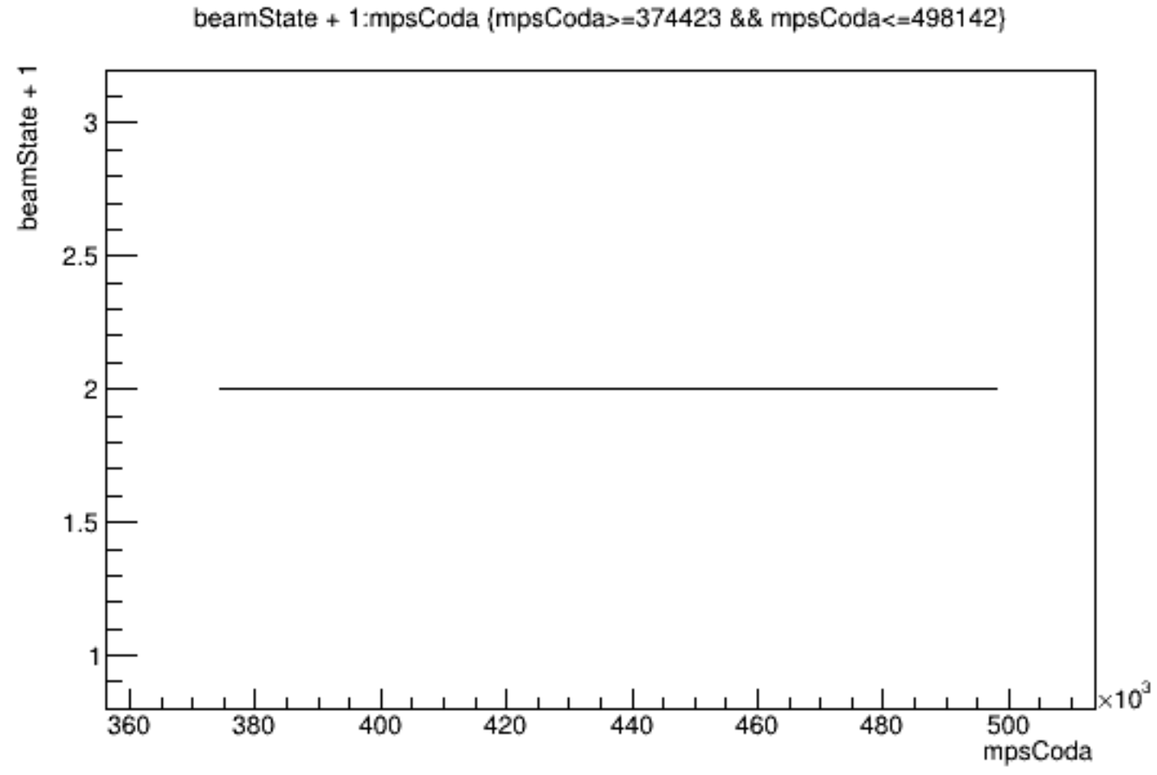
Cycle 5, Asyms

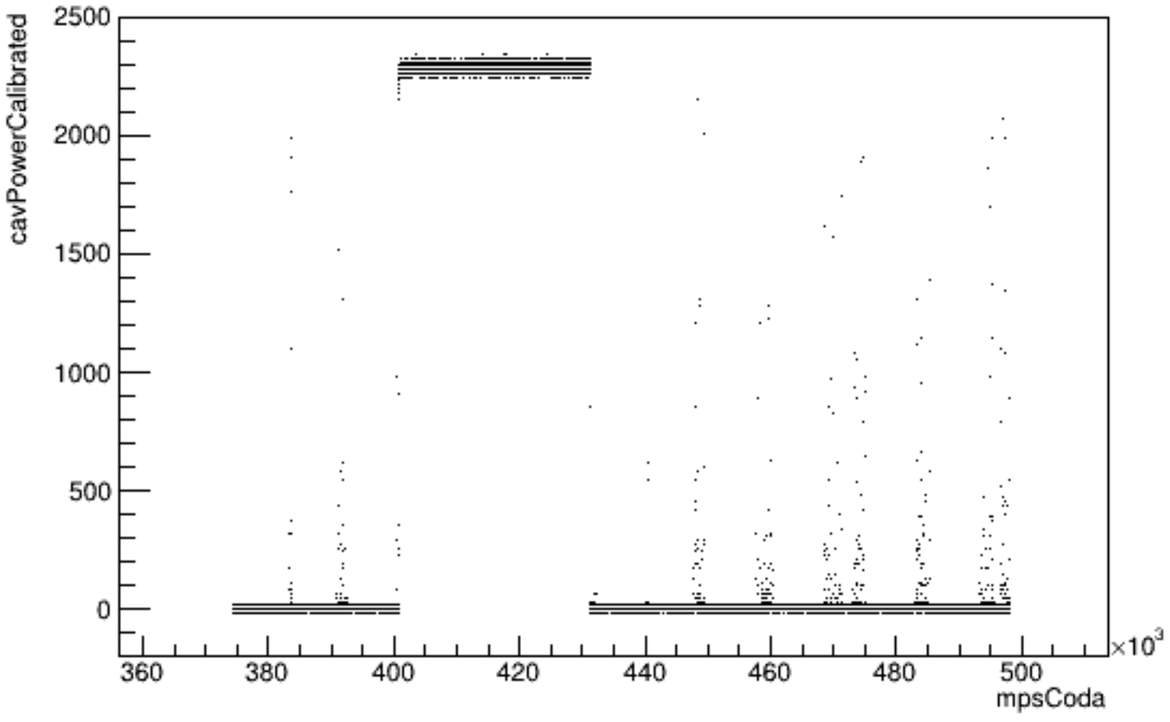
Entries: 3268	Entries: 3805	Entries: 8104
Mean: 0.0047 +/- 0.0011	Mean: 0.0198 +/- 0.0011	Mean: 0.0062 +/- 0.0007
Std Dev: 0.0610 +/- 0.0008	Std Dev: 0.0681 +/- 0.0008	Std Dev: 0.0622 +/- 0.0005

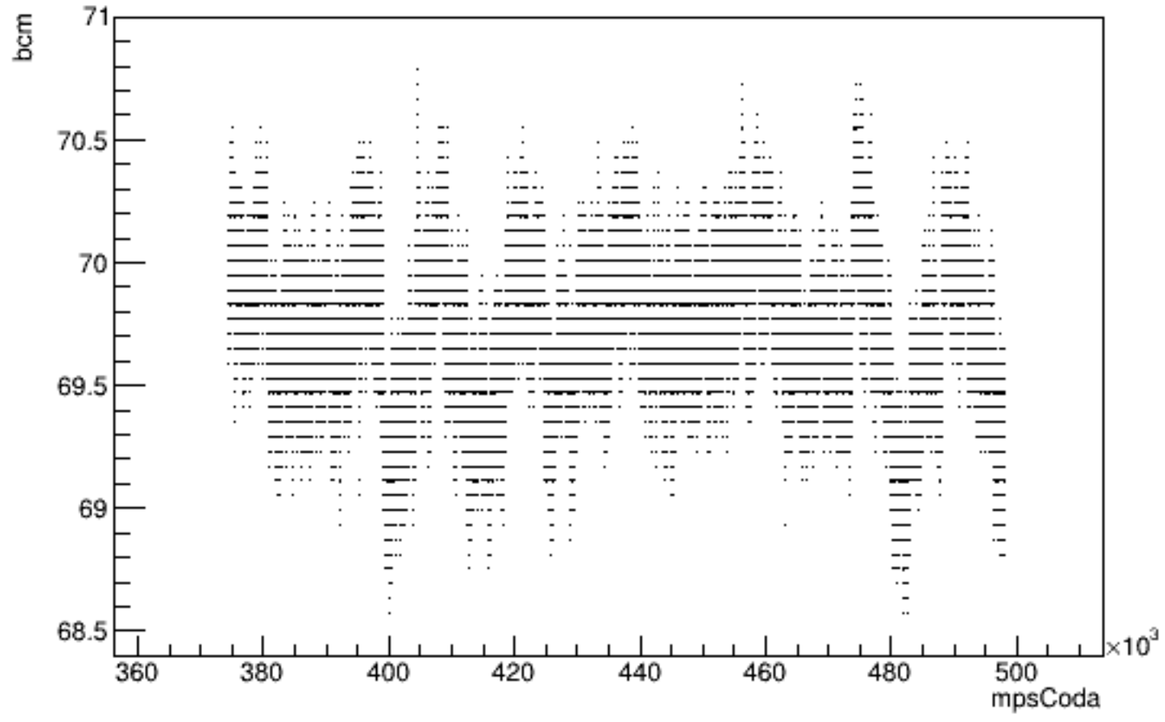





laserState:mpsCoda {mpsCoda>=374423 && mpsCoda<=498142}
laserState
mpsCoda
×10^3

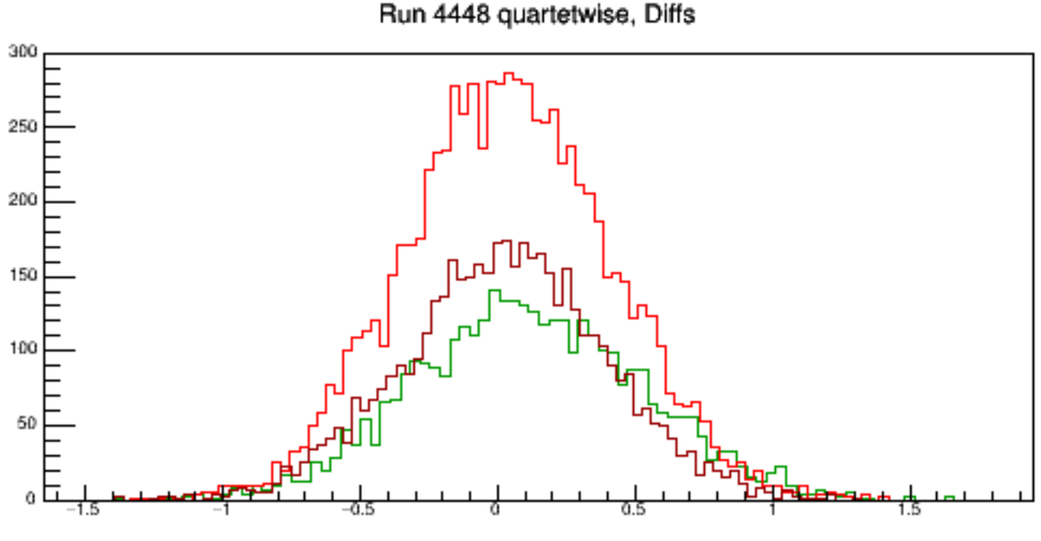

beamState + 1:mpsCoda {mpsCoda>=374423 && mpsCoda<=498142}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=374423 && mpsCoda<=498142}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=374423 && mpsCoda<=498142}
bcm
mpsCoda
×10^3

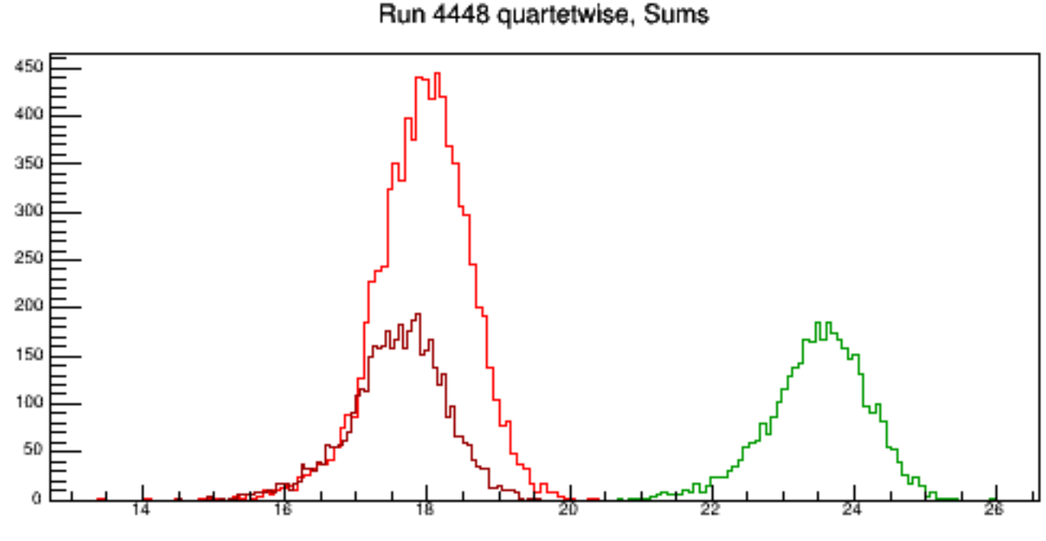
Cycle 6, Diffs

Entries: 8104	Entries: 3728	Entries: 4704
Mean: 0.0376 +/- 0.0042	Mean: 0.1122 +/- 0.0068	Mean: 0.0252 +/- 0.0054
Std Dev: 0.3776 +/- 0.0030	Std Dev: 0.4153 +/- 0.0048	Std Dev: 0.3681 +/- 0.0038



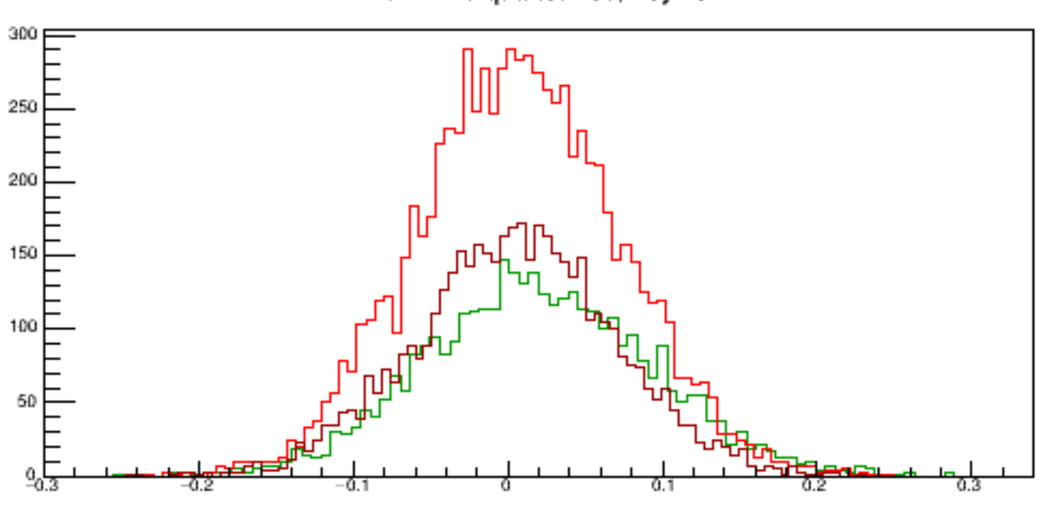
Cycle 6, Sums

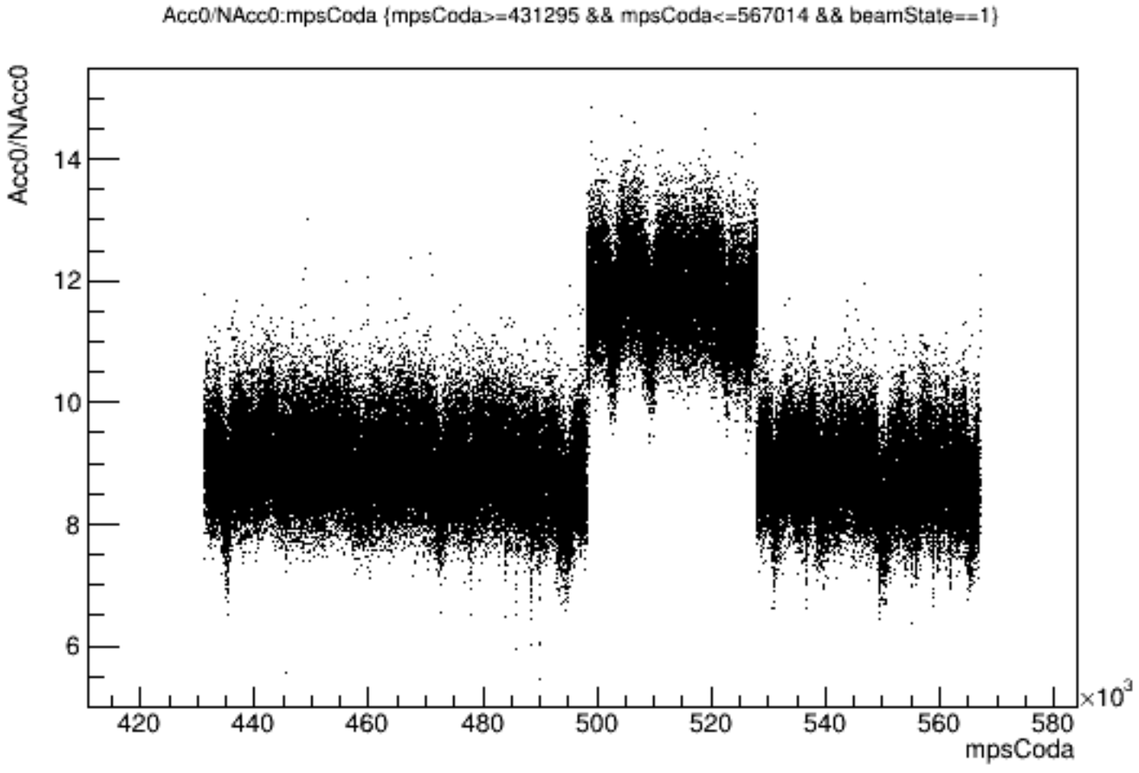
Entries: 8104	Entries: 3728	Entries: 4704
Mean: 17.9428 +/- 0.0073	Mean: 23.4849 +/- 0.0114	Mean: 17.5750 +/- 0.0099
Std Dev: 0.6599 +/- 0.0052	Std Dev: 0.6938 +/- 0.0080	Std Dev: 0.6756 +/- 0.0070

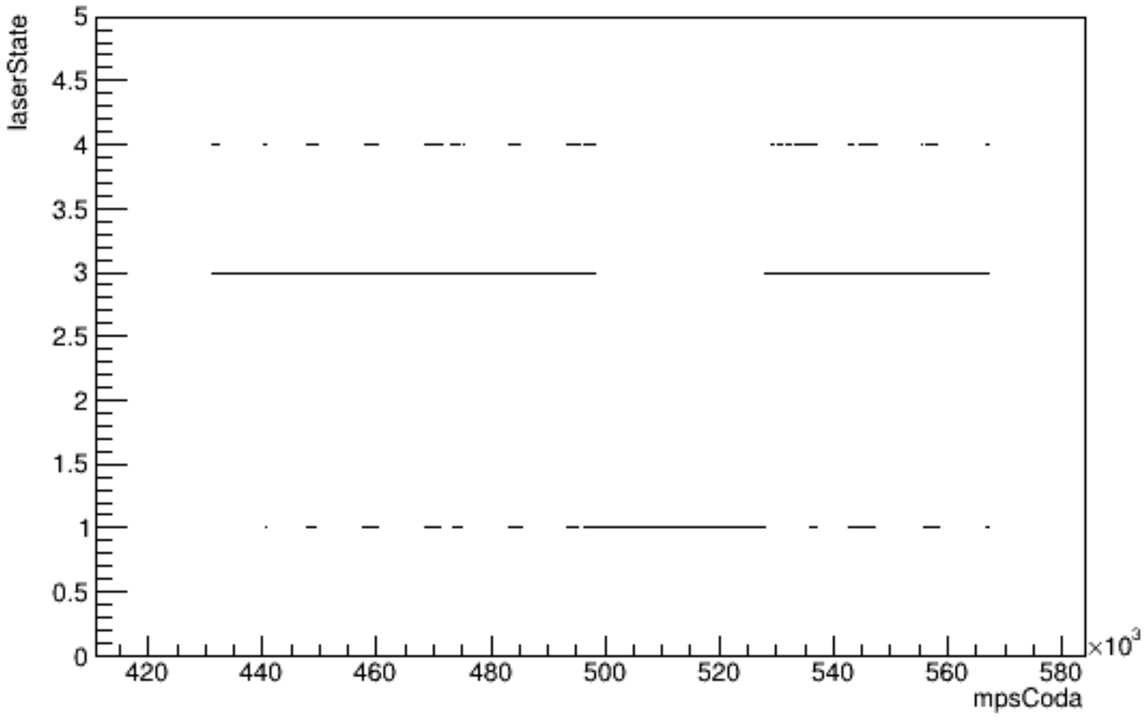


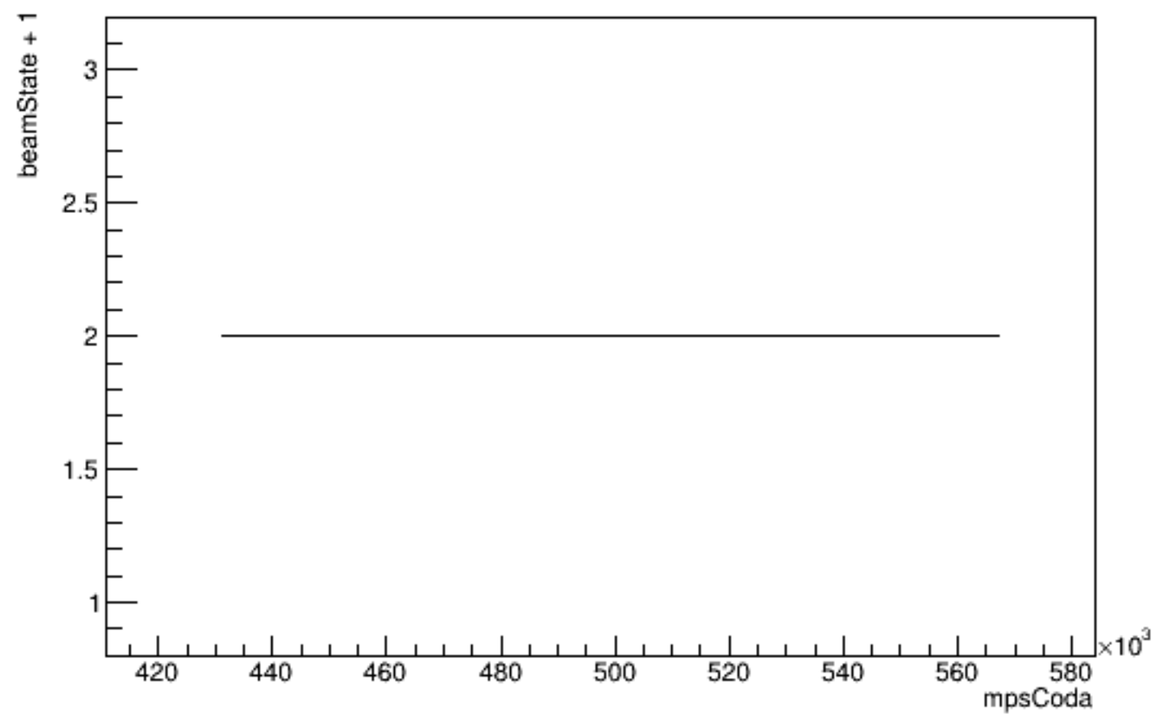
Cycle 6, Asyms

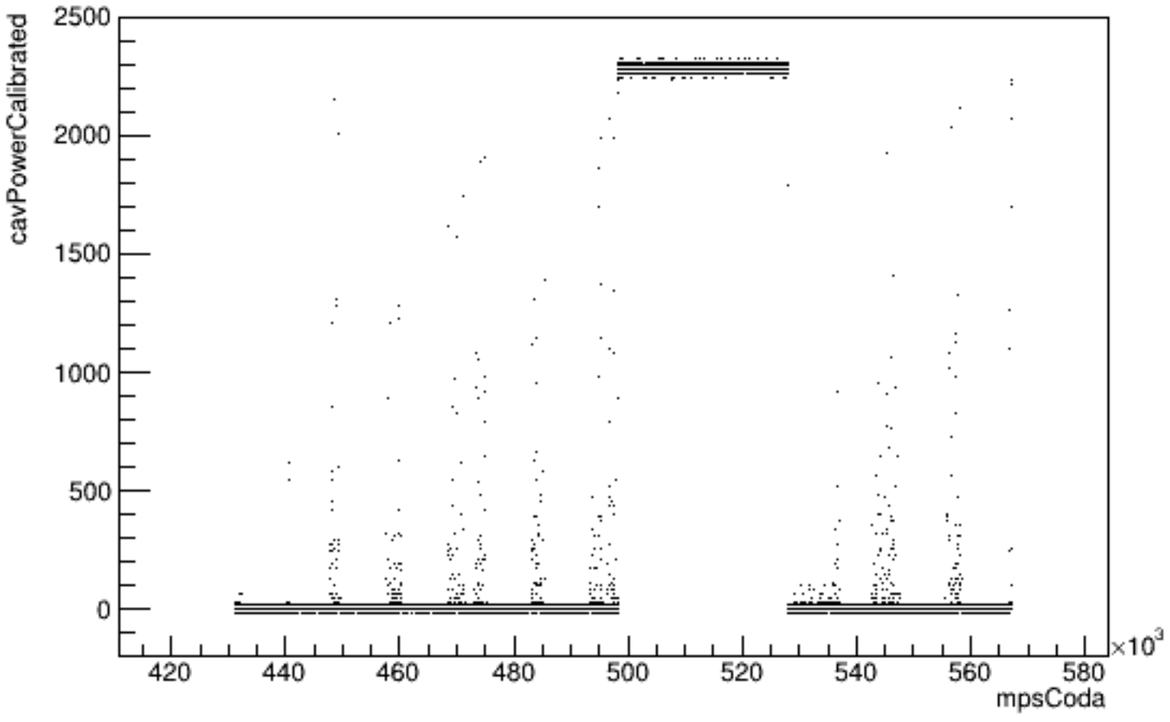
Entries: 8104	Entries: 3728	Entries: 4704
Mean: 0.0066 +/- 0.0007	Mean: 0.0199 +/- 0.0012	Mean: 0.0044 +/- 0.0009
Std Dev: 0.0659 +/- 0.0005	Std Dev: 0.0738 +/- 0.0009	Std Dev: 0.0643 +/- 0.0007

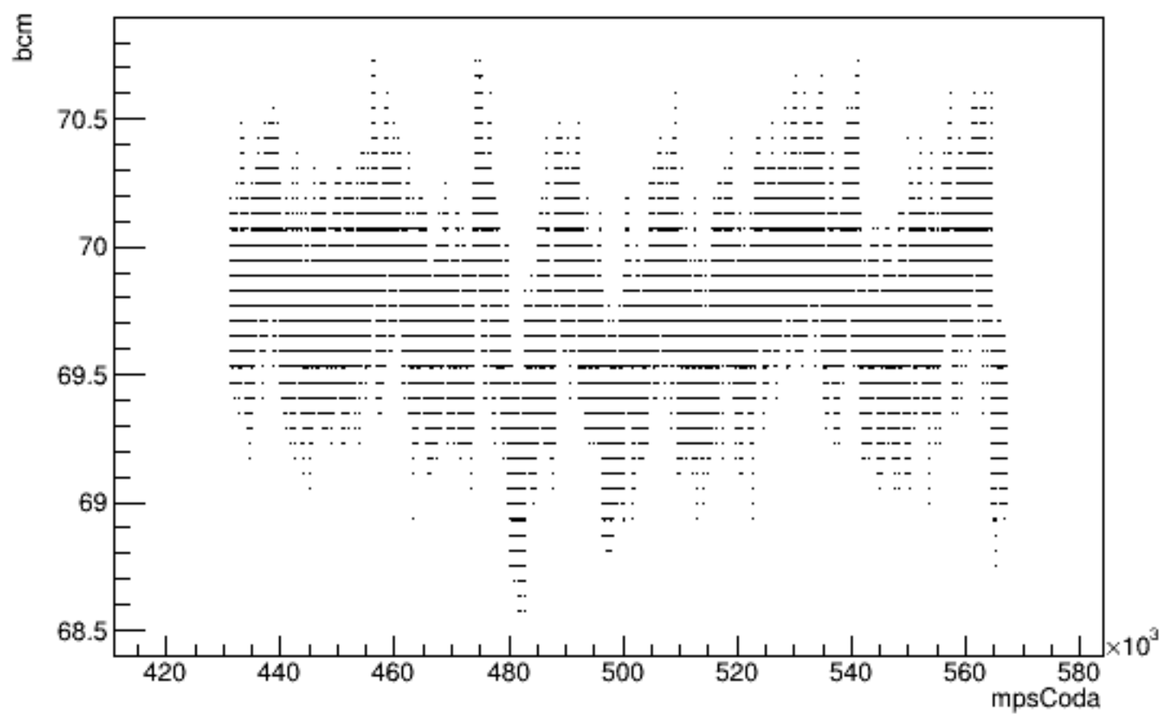





laserState:mpsCoda {mpsCoda>=431295 && mpsCoda<=567014}
laserState
mpsCoda
×10^3

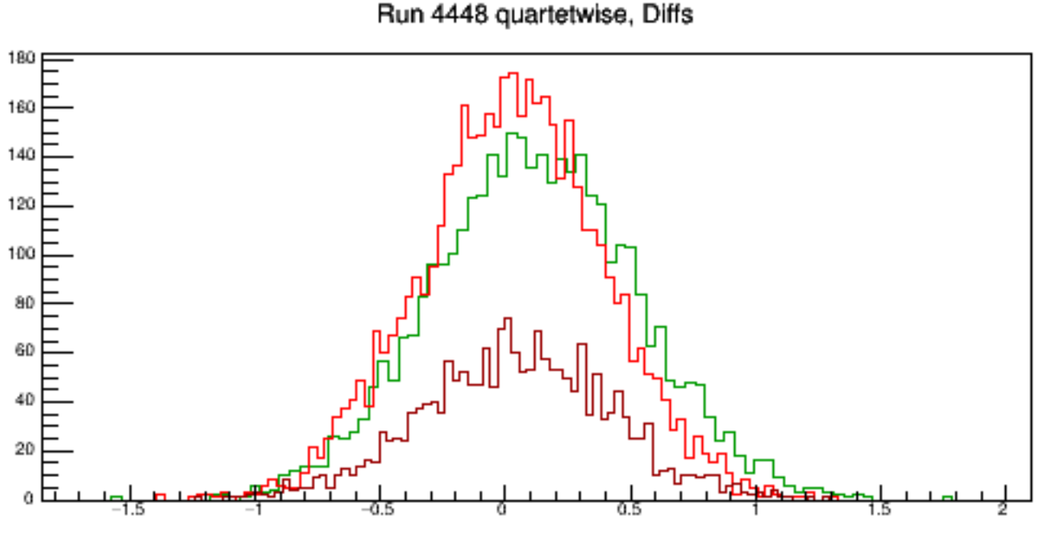

beamState + 1:mpsCoda {mpsCoda>=431295 && mpsCoda<=567014}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=431295 && mpsCoda<=567014}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=431295 && mpsCoda<=567014}
bcm
mpsCoda
×10^3

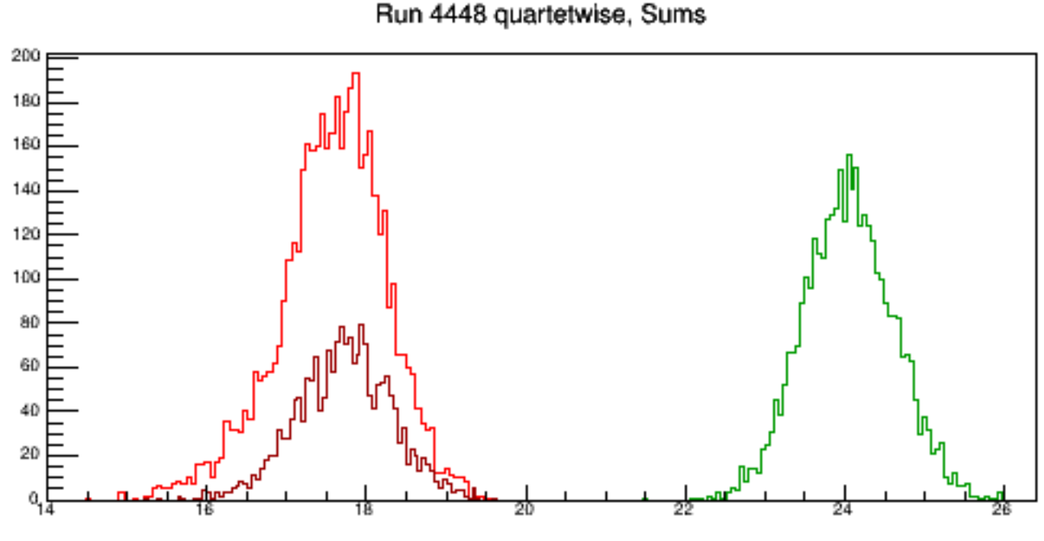
Cycle 7, Diffs

Entries: 4704	Entries: 3747	Entries: 1926
Mean: 0.0252 +/- 0.0054	Mean: 0.1146 +/- 0.0067	Mean: 0.0416 +/- 0.0086
Std Dev: 0.3681 +/- 0.0038	Std Dev: 0.4109 +/- 0.0047	Std Dev: 0.3791 +/- 0.0061



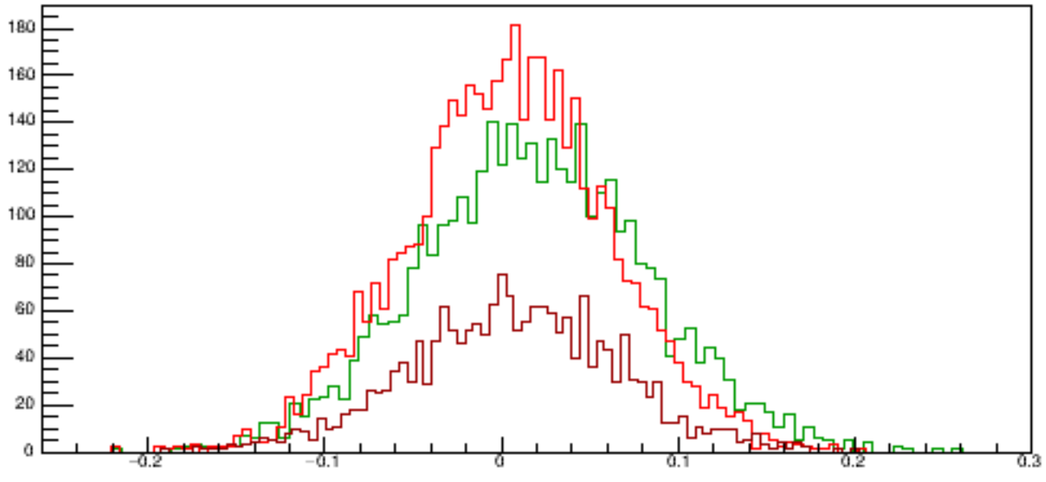
Cycle 7, Sums

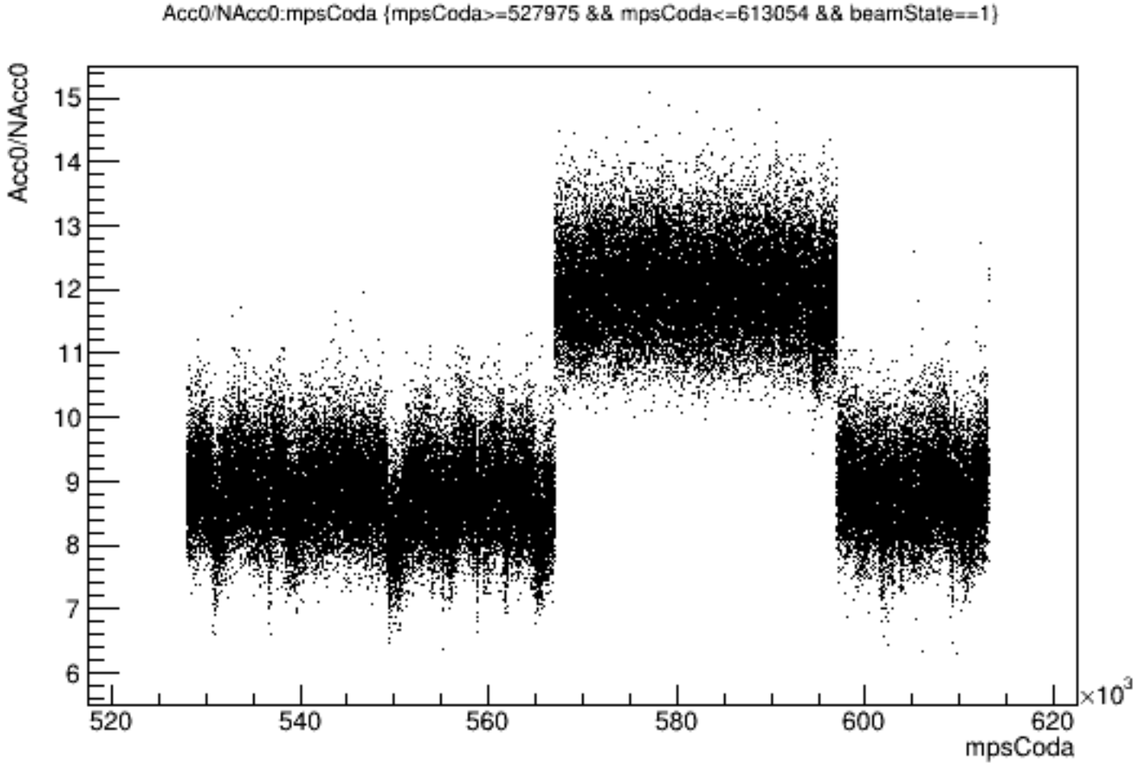
Entries: 4704	Entries: 3747	Entries: 1926
Mean: 17.5750 +/- 0.0099	Mean: 24.0454 +/- 0.0092	Mean: 17.7156 +/- 0.0137
Std Dev: 0.6756 +/- 0.0070	Std Dev: 0.5634 +/- 0.0065	Std Dev: 0.5993 +/- 0.0097

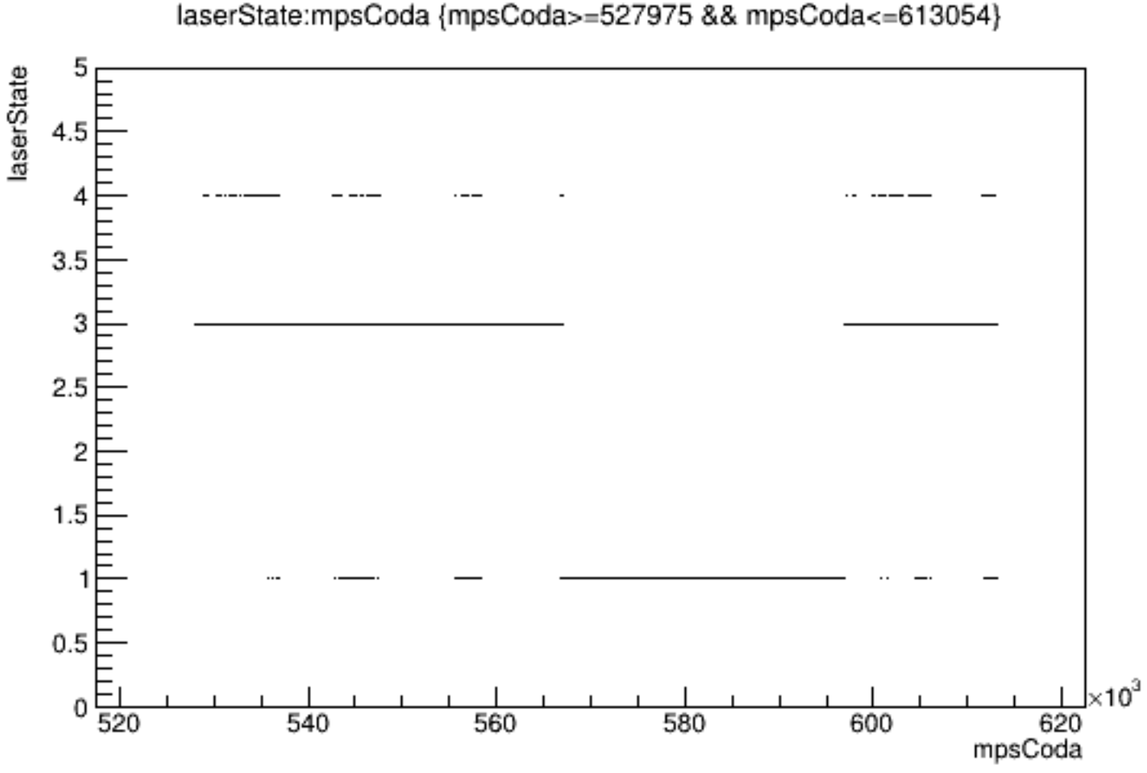


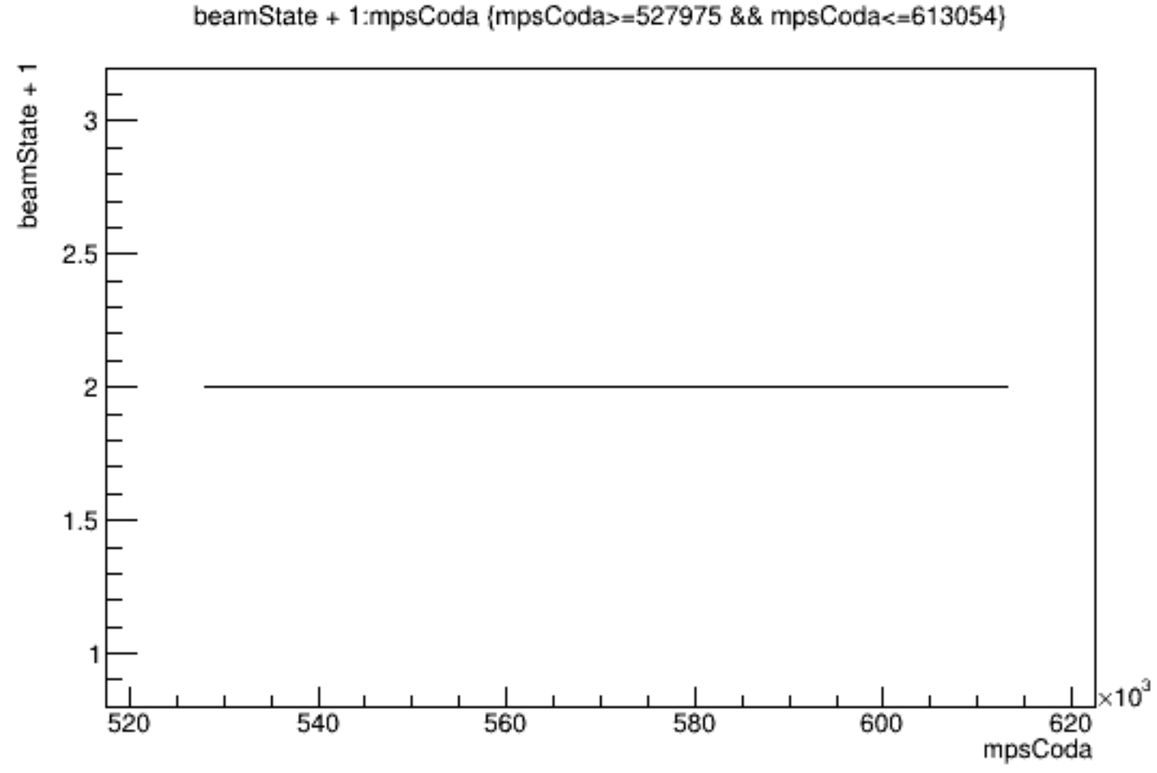
Cycle 7, Asyms

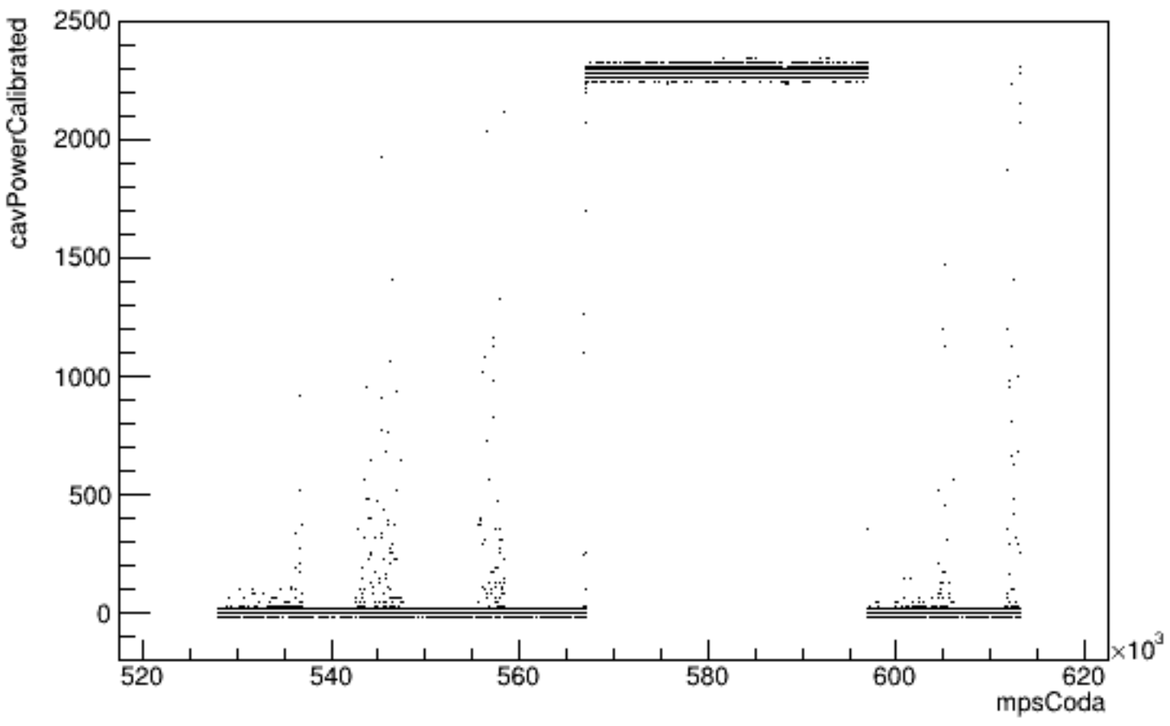
Entries: 4704	Entries: 3747	Entries: 1926
Mean: 0.0039 +/- 0.0008	Mean: 0.0180 +/- 0.0011	Mean: 0.0065 +/- 0.0013
Std Dev: 0.0575 +/- 0.0006	Std Dev: 0.0646 +/- 0.0007	Std Dev: 0.0592 +/- 0.0010

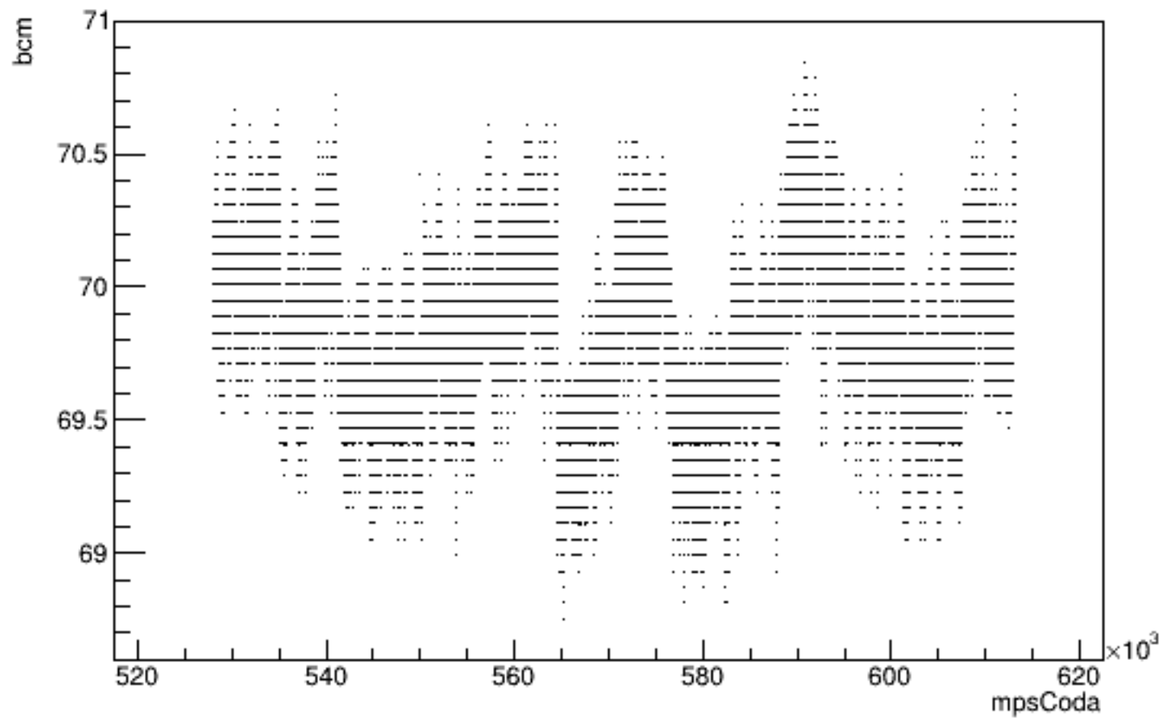





laserState:mpsCoda {mpsCoda>=527975 && mpsCoda<=613054}
laserState
mpsCoda
×10^3

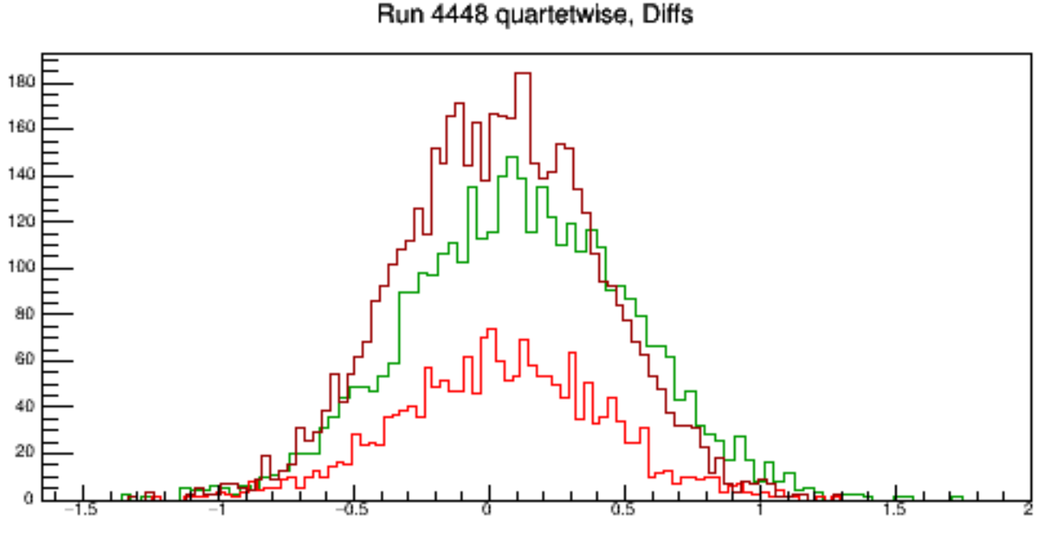

beamState + 1:mpsCoda {mpsCoda>=527975 && mpsCoda<=613054}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=527975 && mpsCoda<=613054}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=527975 && mpsCoda<=613054}
bcm
mpsCoda
×10^3

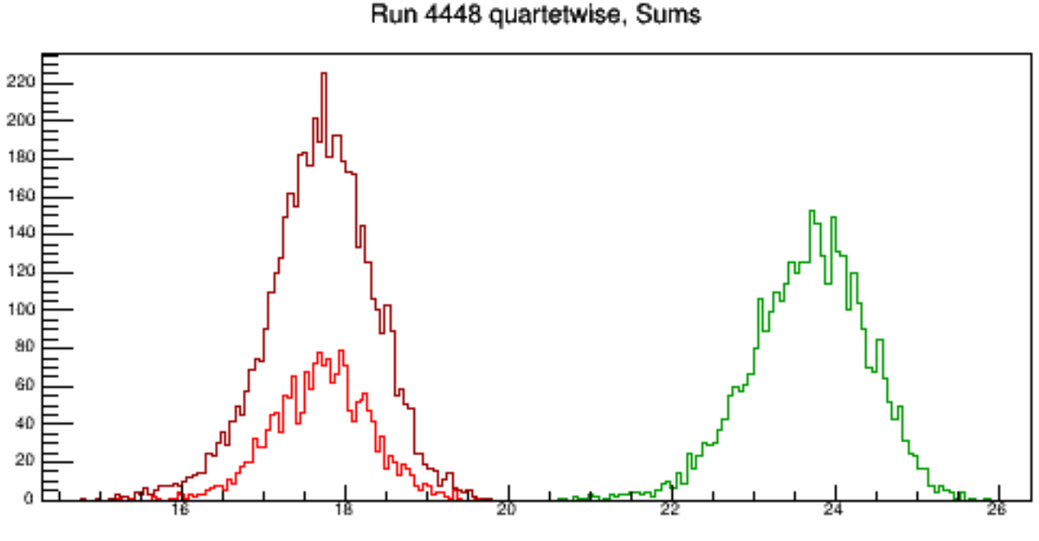
Cycle 8, Diffs

Entries: 1926	Entries: 3768	Entries: 5105
Mean: 0.0416 +/- 0.0086	Mean: 0.1147 +/- 0.0068	Mean: 0.0364 +/- 0.0052
Std Dev: 0.3791 +/- 0.0061	Std Dev: 0.4146 +/- 0.0048	Std Dev: 0.3683 +/- 0.0036



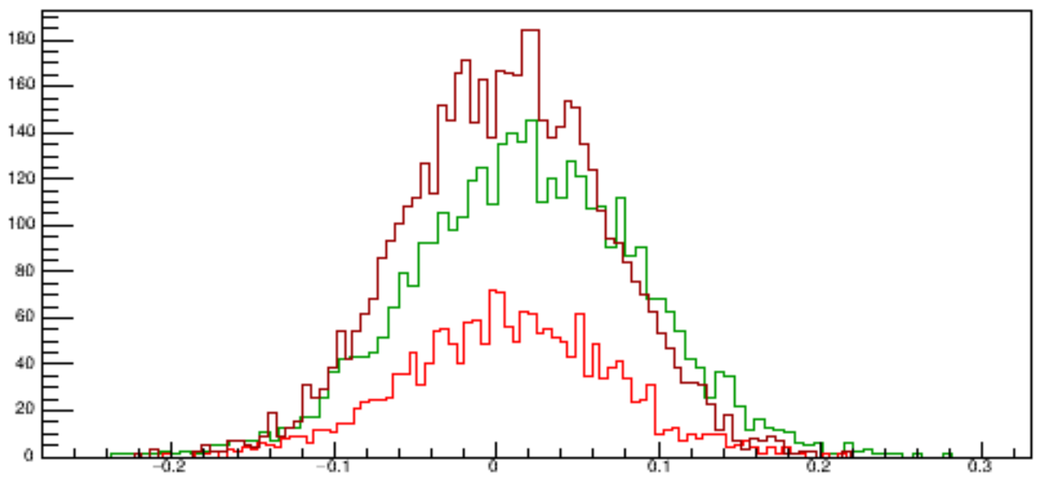
Cycle 8, Sums

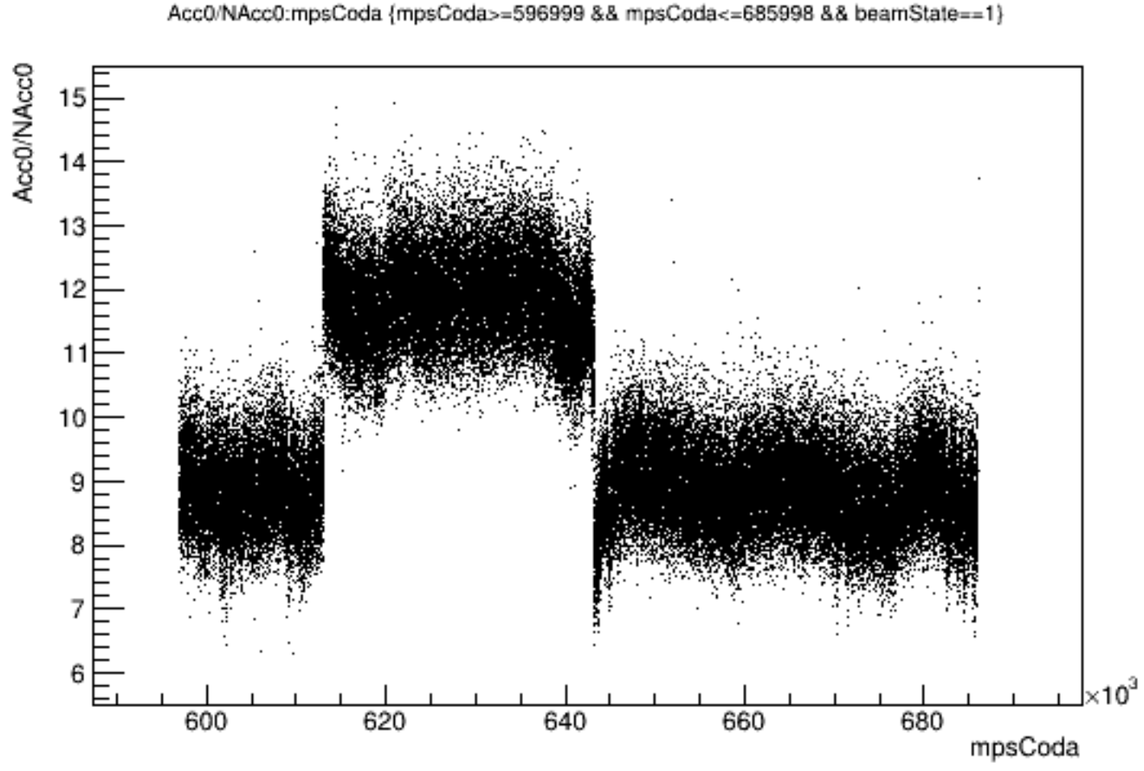
Entries: 1926	Entries: 3768	Entries: 5105
Mean: 17.7156 +/- 0.0137	Mean: 23.6684 +/- 0.0117	Mean: 17.7003 +/- 0.0092
Std Dev: 0.5993 +/- 0.0097	Std Dev: 0.7160 +/- 0.0082	Std Dev: 0.6573 +/- 0.0065

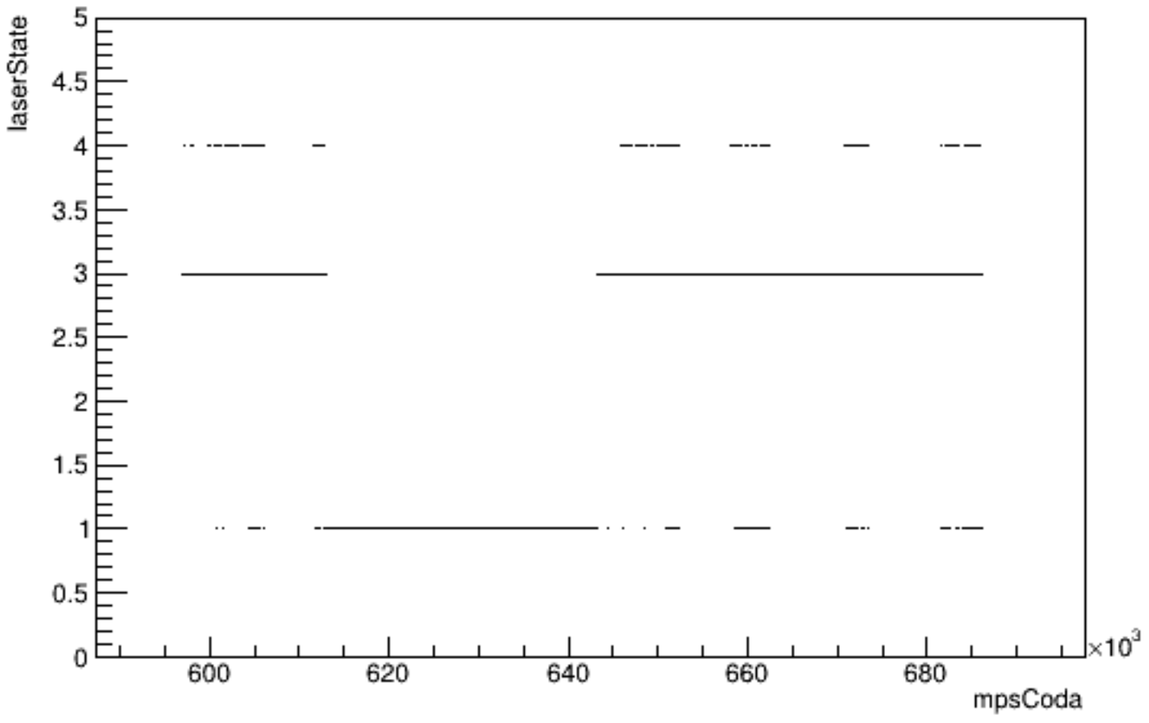


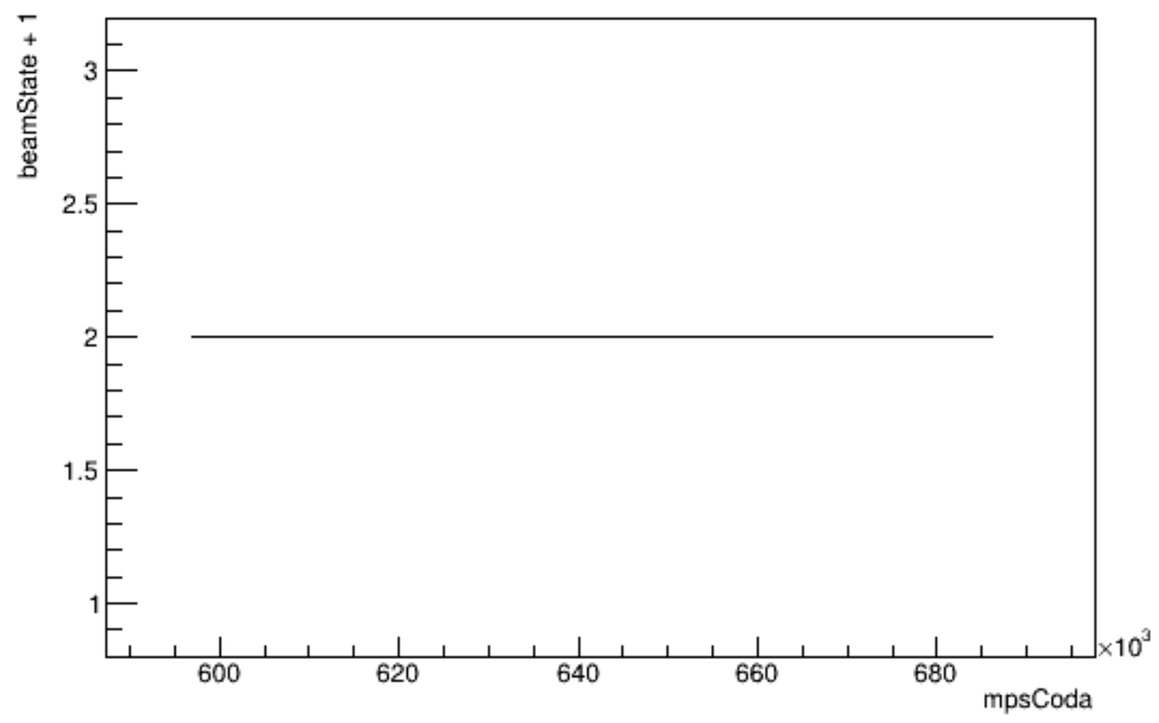
Cycle 8, Asyms

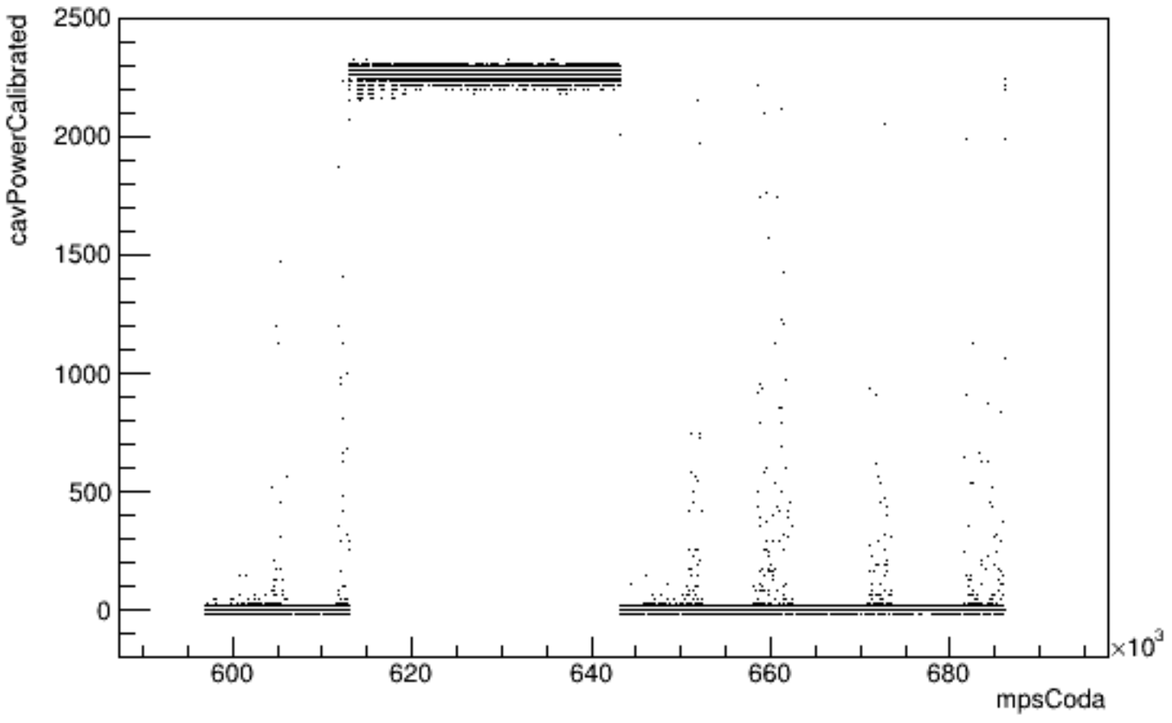
Entries: 1926	Entries: 3768	Entries: 5105
Mean: 0.0070 +/- 0.0014	Mean: 0.0192 +/- 0.0011	Mean: 0.0061 +/- 0.0009
Std Dev: 0.0636 +/- 0.0010	Std Dev: 0.0705 +/- 0.0008	Std Dev: 0.0618 +/- 0.0006

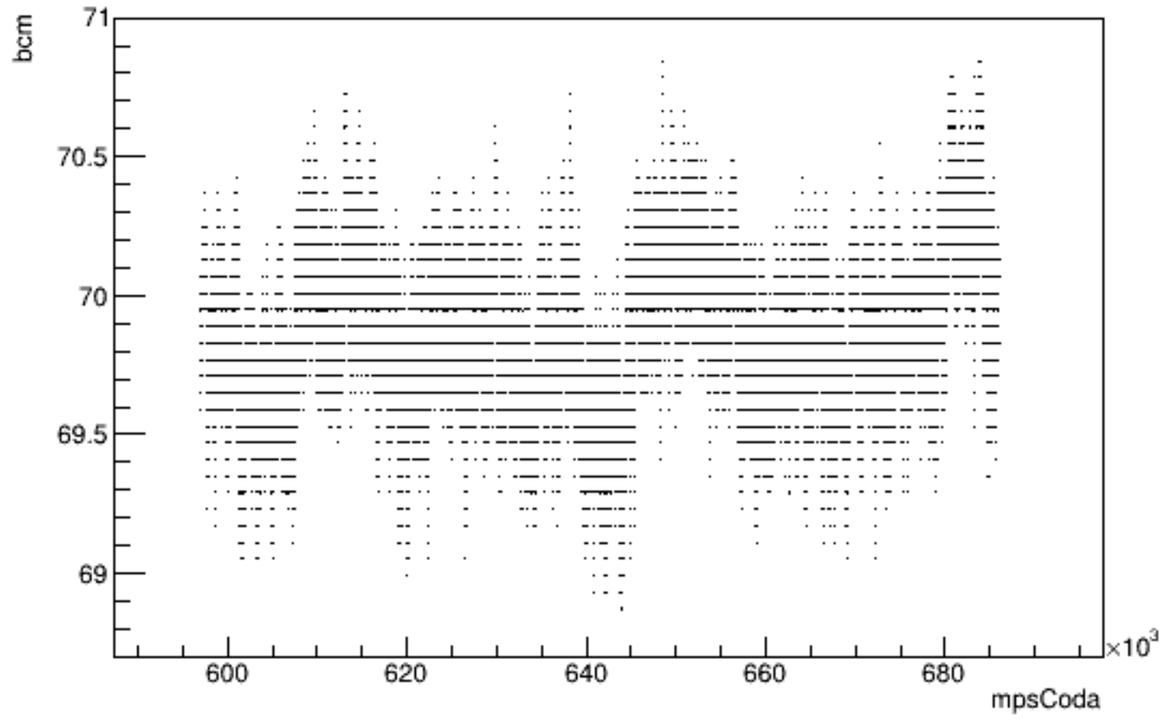





laserState:mpsCoda {mpsCoda>=596999 && mpsCoda<=685998}
laserState
mpsCoda
×10^3

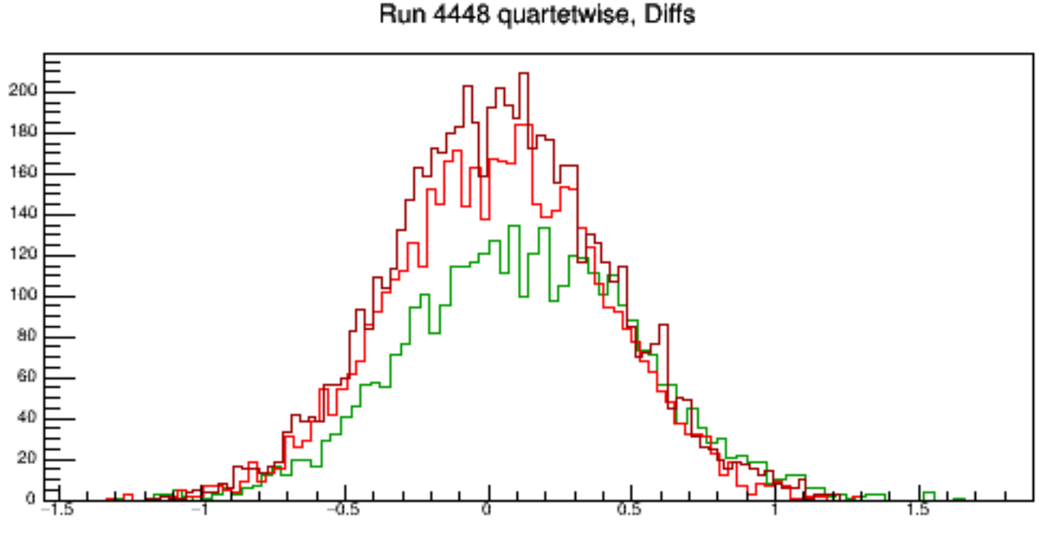

beamState + 1:mpsCoda {mpsCoda>=596999 && mpsCoda<=685998}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=596999 && mpsCoda<=685998}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=596999 && mpsCoda<=685998}
bcm
mpsCoda
×10^3

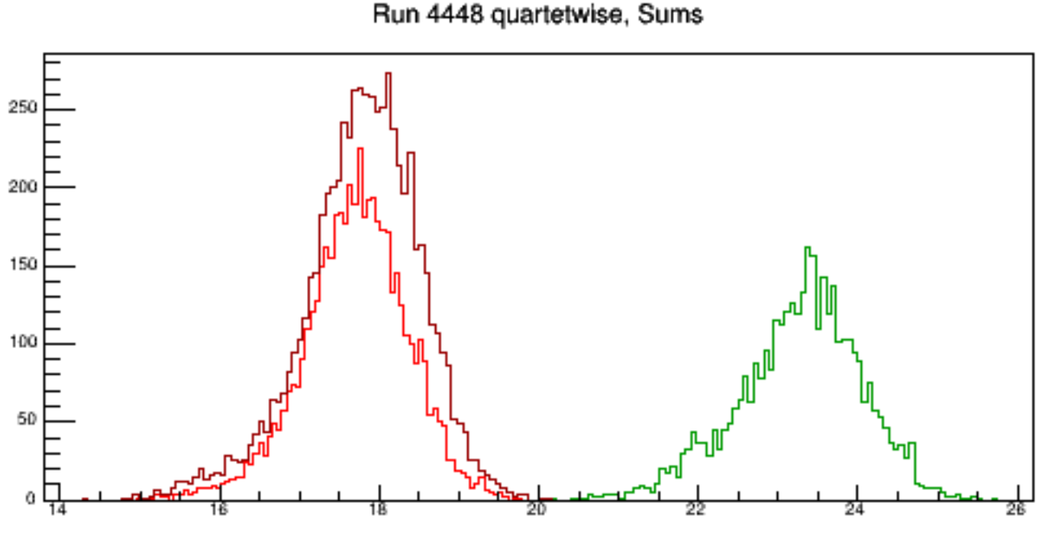
Cycle 9, Diffs

Entries: 5105	Entries: 3700	Entries: 6412
Mean: 0.0364 +/- 0.0052	Mean: 0.1233 +/- 0.0067	Mean: 0.0379 +/- 0.0047
Std Dev: 0.3683 +/- 0.0036	Std Dev: 0.4058 +/- 0.0047	Std Dev: 0.3755 +/- 0.0033



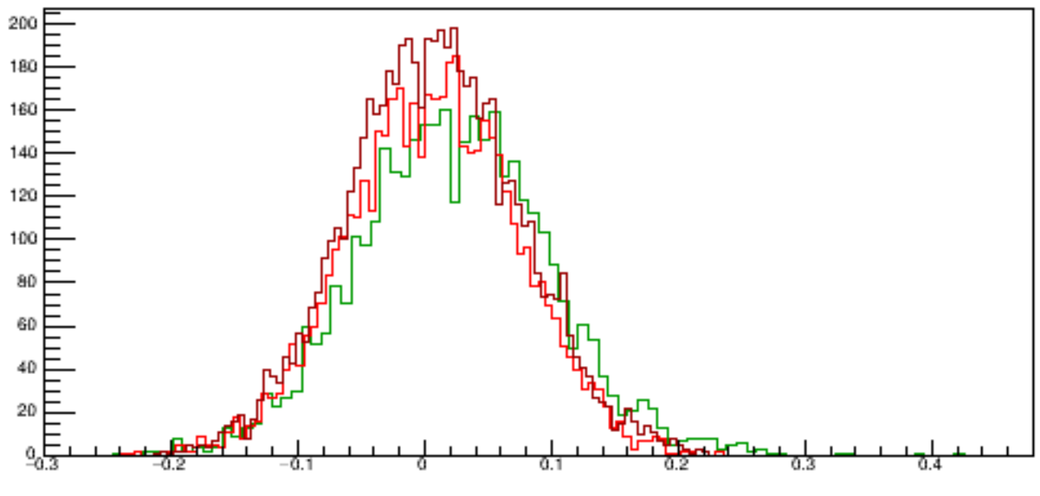
Cycle 9, Sums

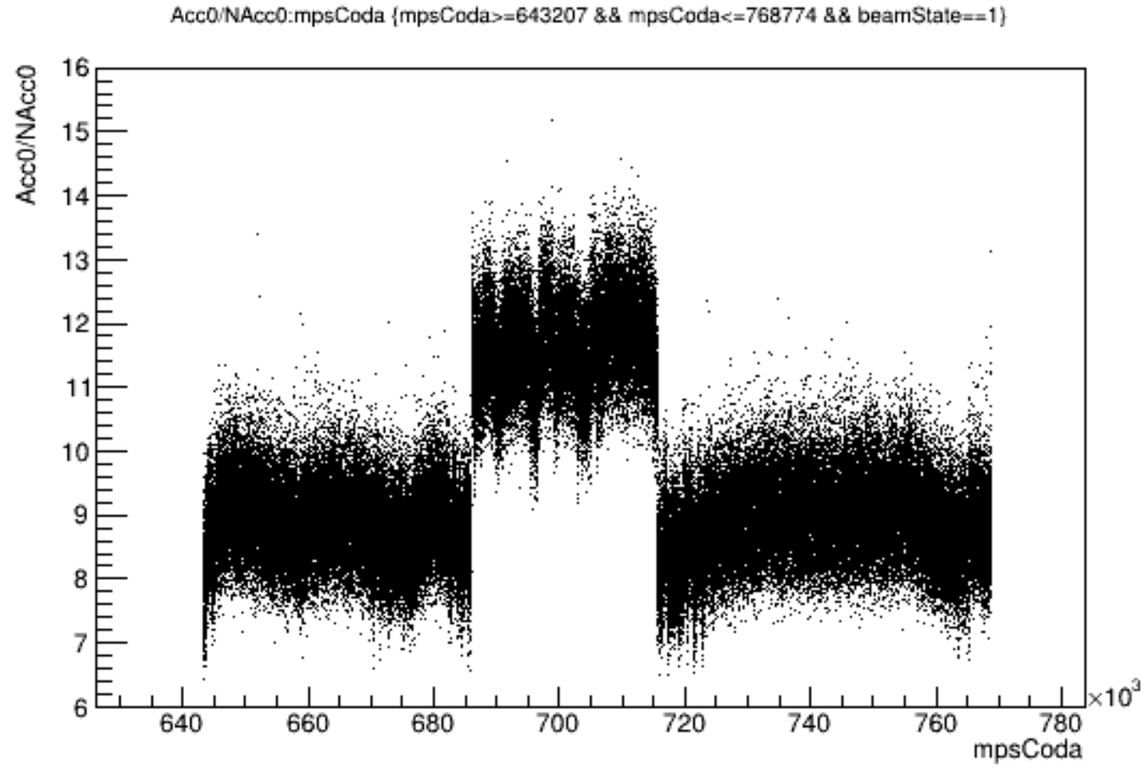
Entries: 5105	Entries: 3700	Entries: 6412
Mean: 17.7003 +/- 0.0092	Mean: 23.2618 +/- 0.0128	Mean: 17.7785 +/- 0.0092
Std Dev: 0.6573 +/- 0.0065	Std Dev: 0.7758 +/- 0.0090	Std Dev: 0.7353 +/- 0.0065

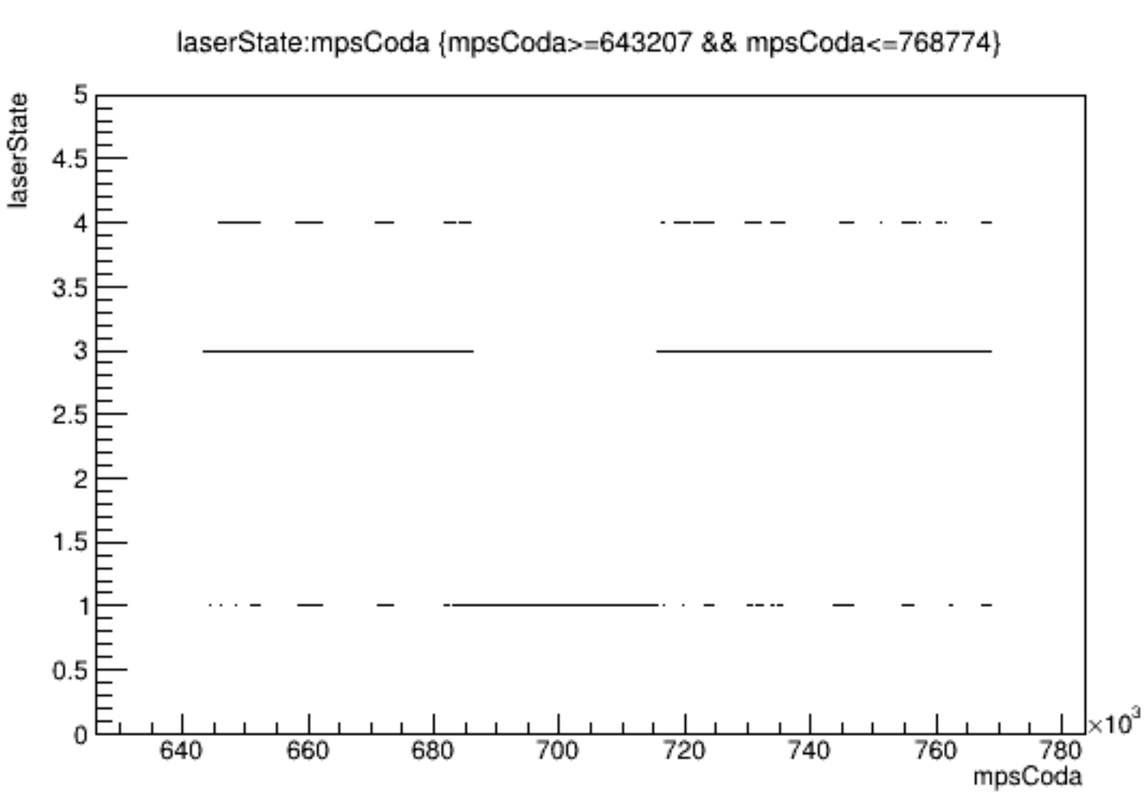


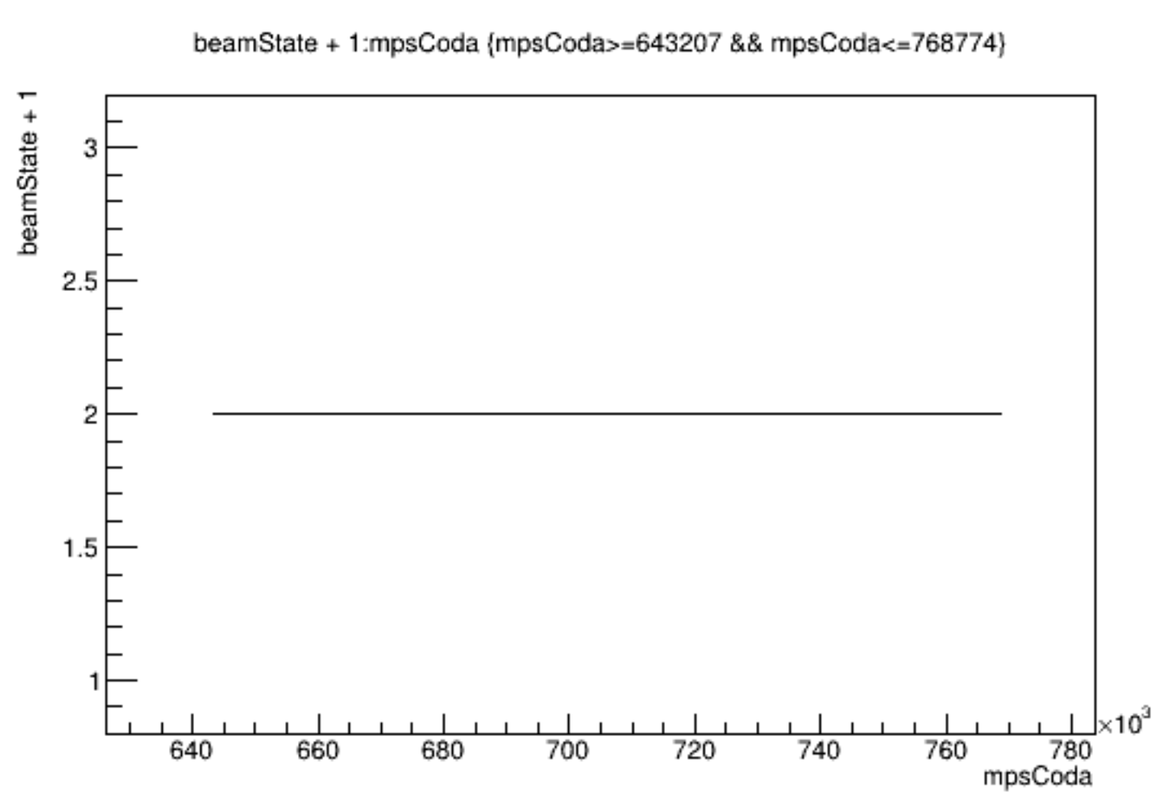
Cycle 9, Asyms

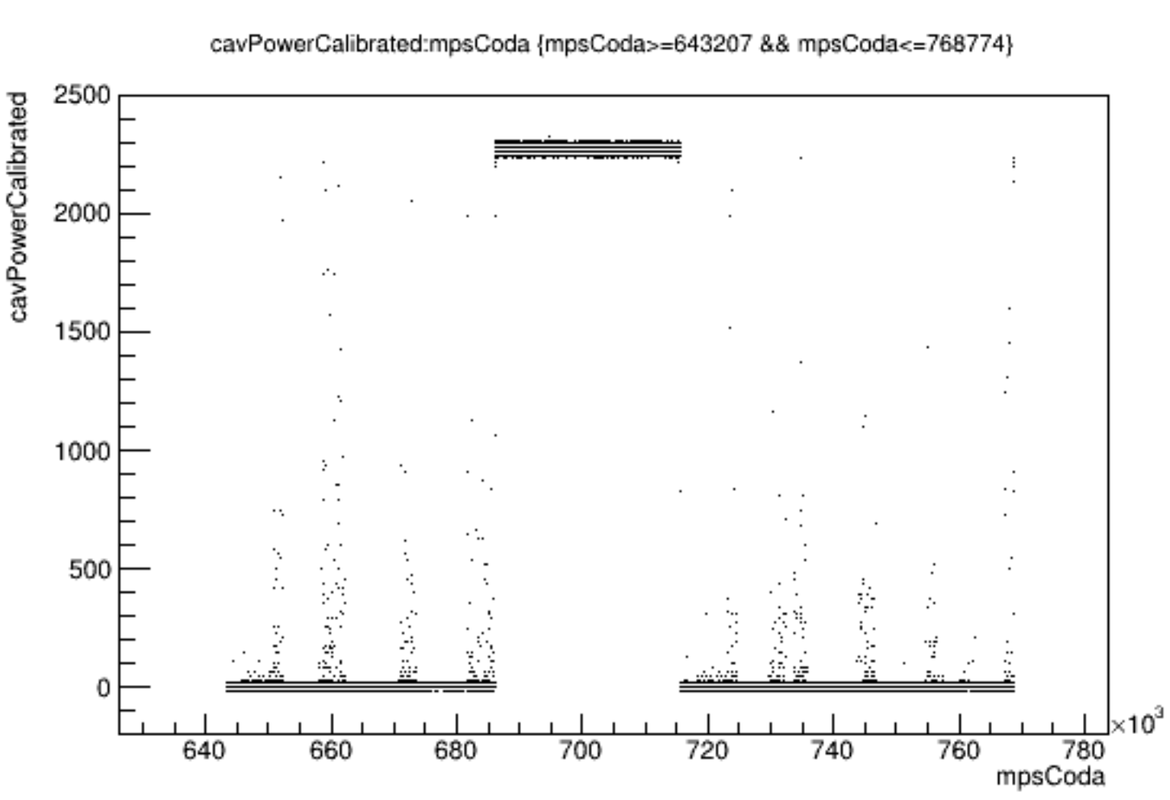
Entries: 5105	Entries: 3700	Entries: 6412
Mean: 0.0066 +/- 0.0009	Mean: 0.0227 +/- 0.0013	Mean: 0.0069 +/- 0.0008
Std Dev: 0.0667 +/- 0.0007	Std Dev: 0.0762 +/- 0.0009	Std Dev: 0.0680 +/- 0.0006

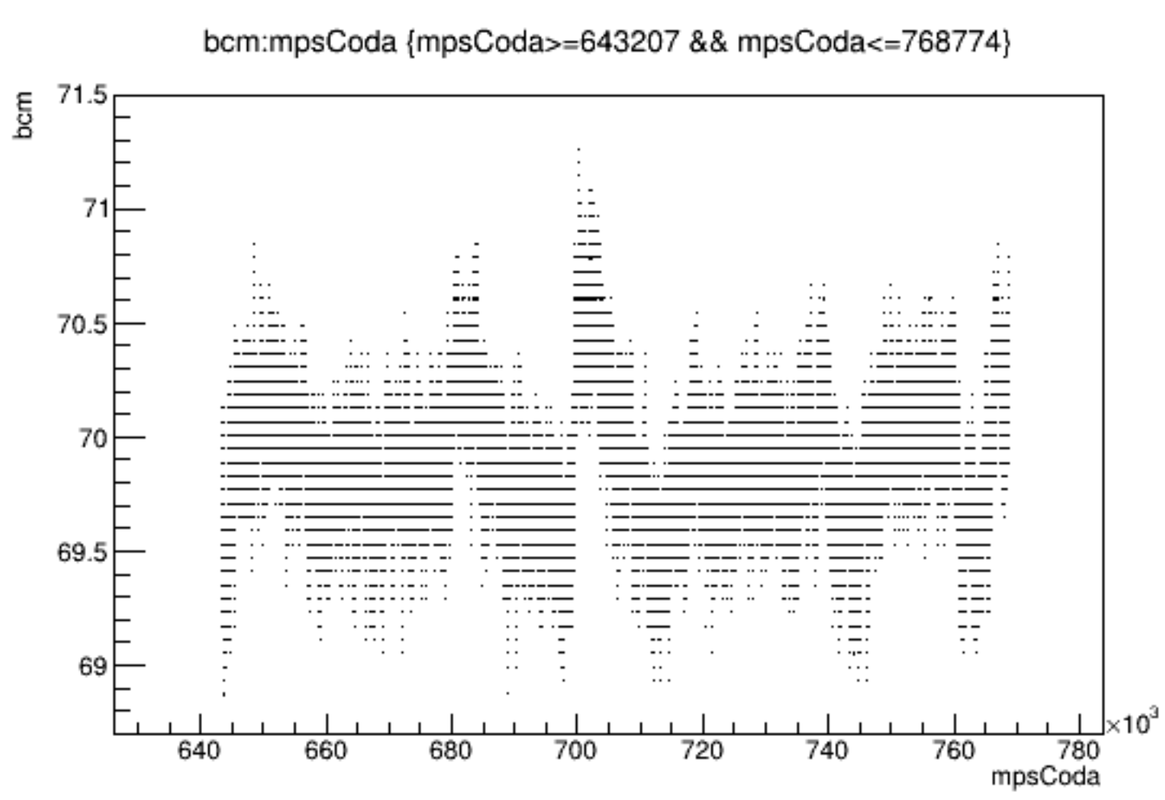





laserState:mpsCoda {mpsCoda>=643207 && mpsCoda<=768774}
laserState
mpsCoda
×10^3

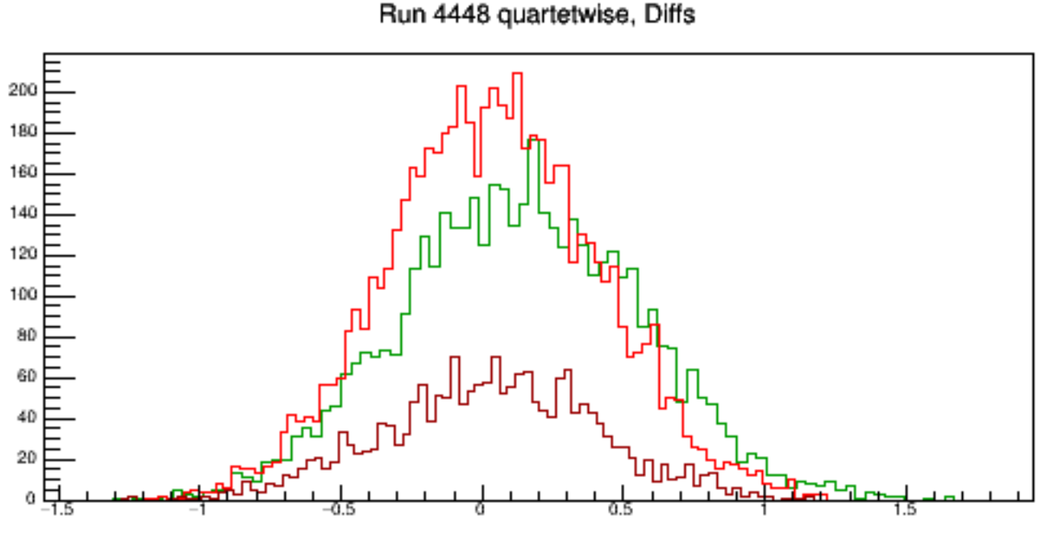

beamState + 1:mpsCoda {mpsCoda>=643207 && mpsCoda<=768774}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=643207 && mpsCoda<=768774}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=643207 && mpsCoda<=768774}
bcm
mpsCoda
×10^3

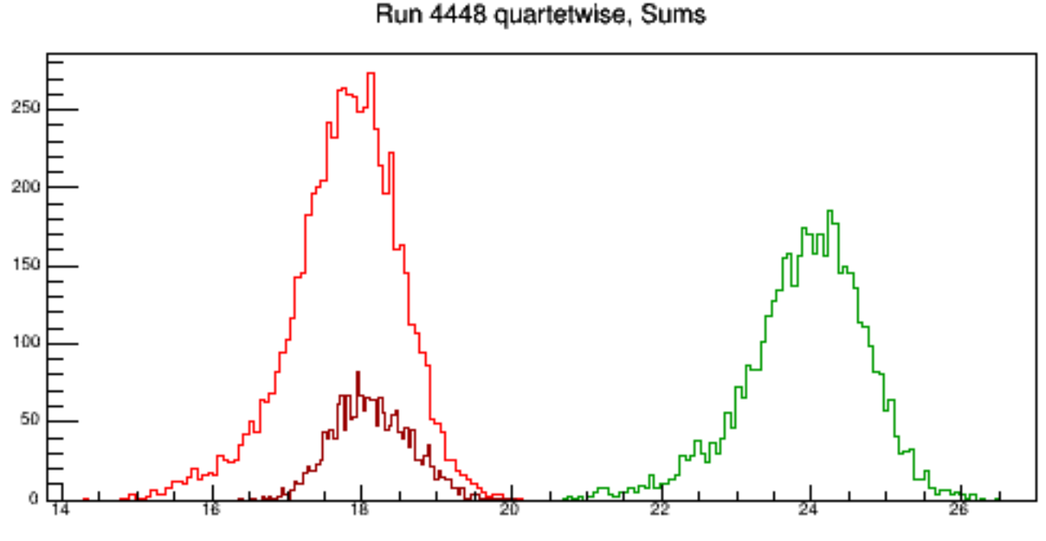
Cycle 10, Diffs

Entries: 6412	Entries: 4602	Entries: 1953
Mean: 0.0379 +/- 0.0047	Mean: 0.1344 +/- 0.0063	Mean: 0.0273 +/- 0.0087
Std Dev: 0.3755 +/- 0.0033	Std Dev: 0.4242 +/- 0.0044	Std Dev: 0.3835 +/- 0.0061



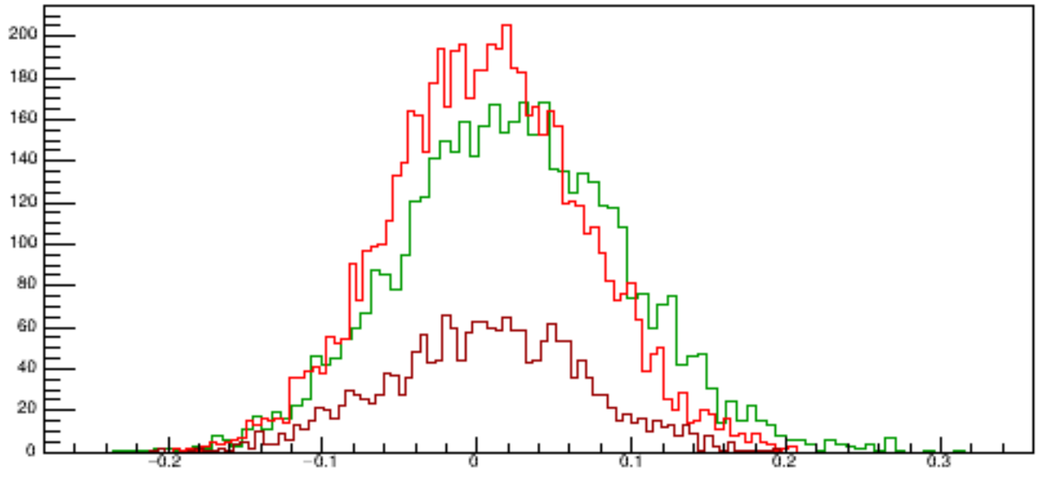
Cycle 10, Sums

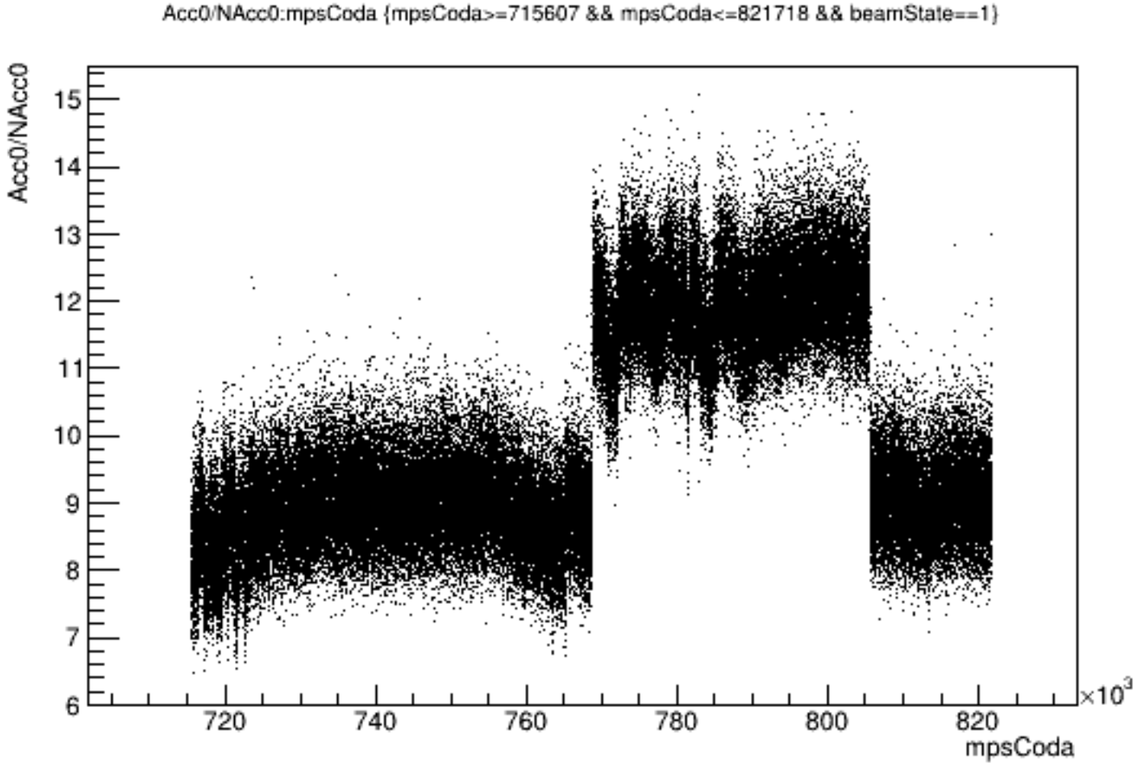
Entries: 6412	Entries: 4602	Entries: 1953
Mean: 17.7785 +/- 0.0092	Mean: 23.9196 +/- 0.0118	Mean: 18.1318 +/- 0.0118
Std Dev: 0.7353 +/- 0.0065	Std Dev: 0.8025 +/- 0.0084	Std Dev: 0.5225 +/- 0.0084

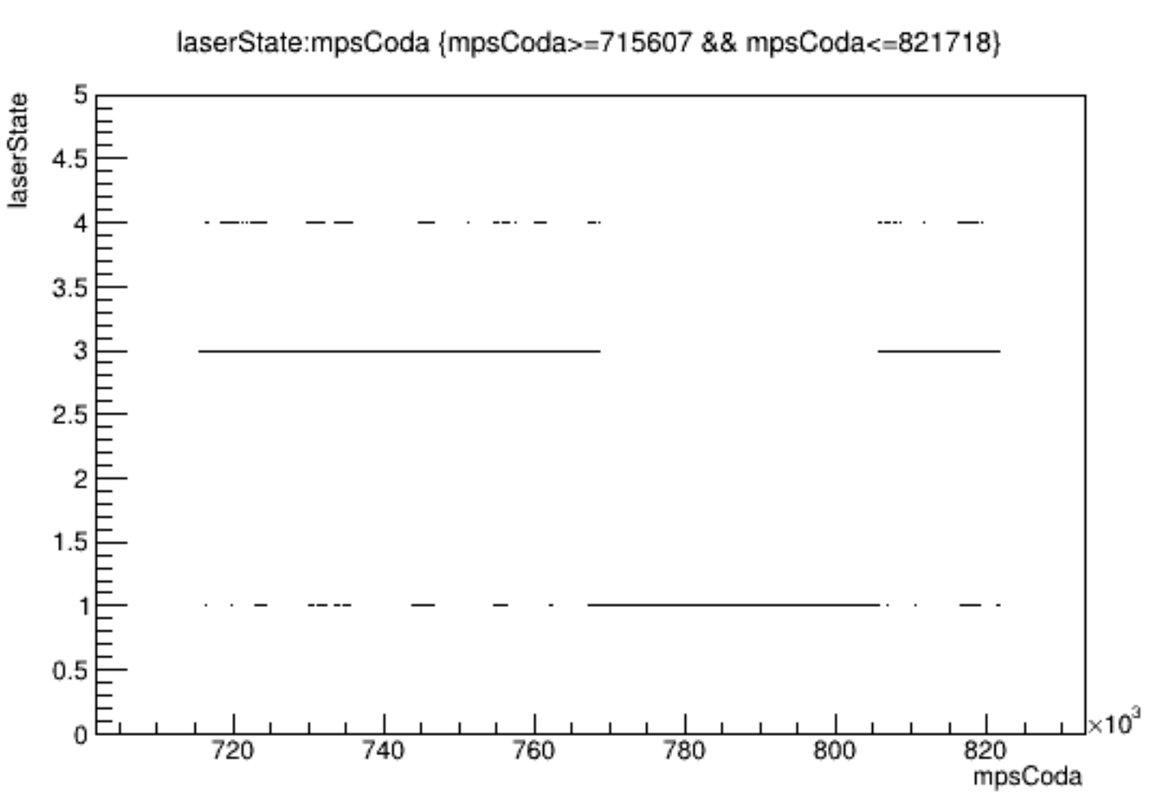


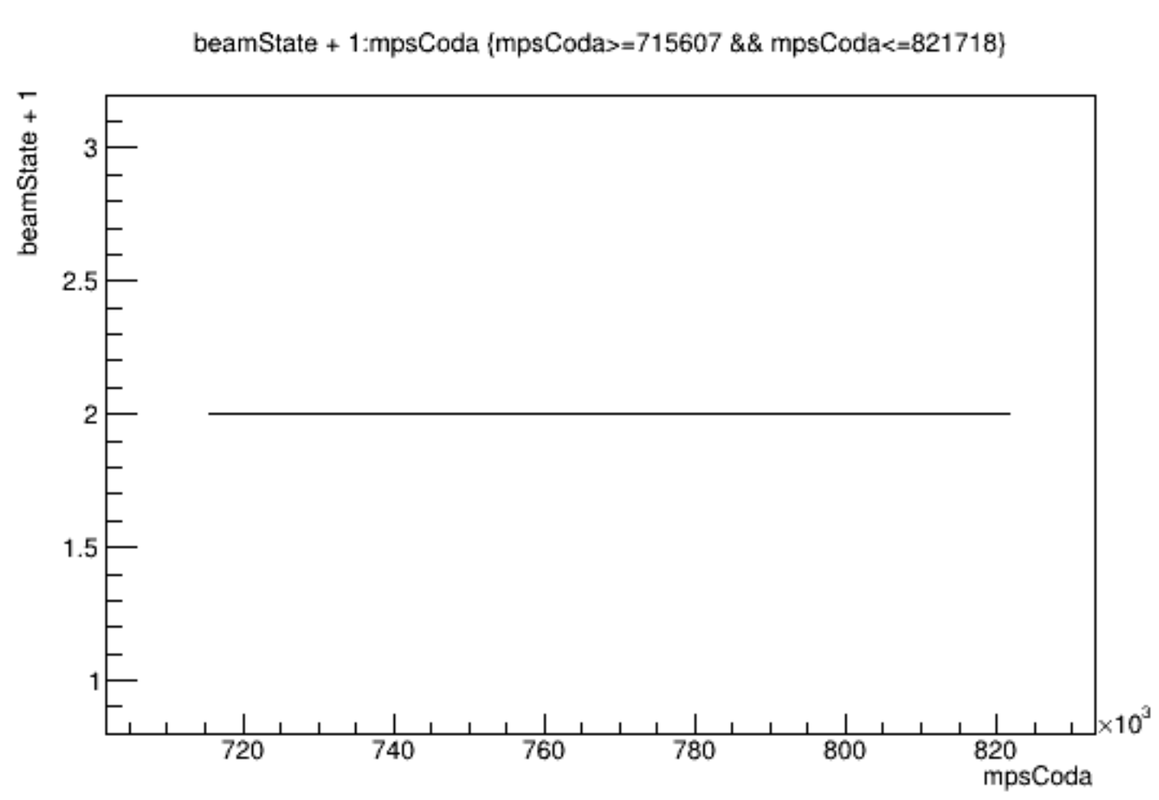
Cycle 10, Asyms

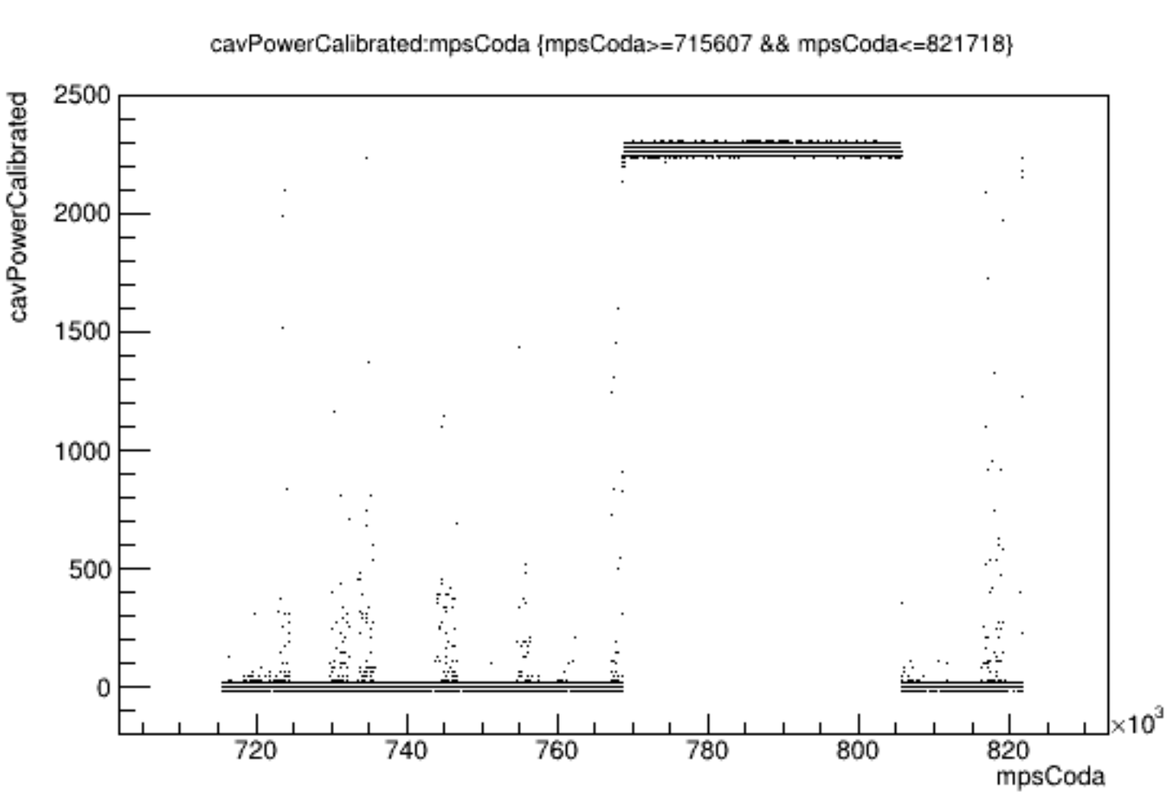
Entries: 6412	Entries: 4602	Entries: 1953
Mean: 0.0064 +/- 0.0008	Mean: 0.0231 +/- 0.0011	Mean: 0.0046 +/- 0.0015
Std Dev: 0.0629 +/- 0.0006	Std Dev: 0.0732 +/- 0.0008	Std Dev: 0.0643 +/- 0.0010

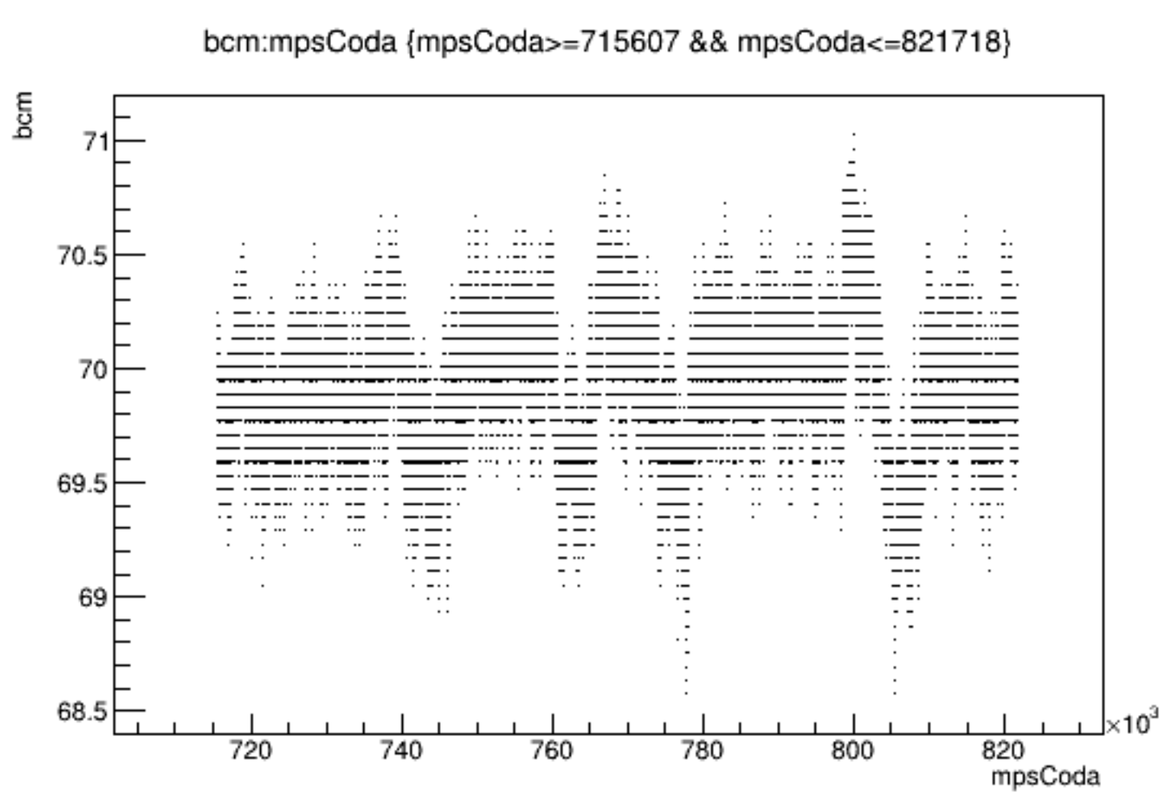





laserState:mpsCoda {mpsCoda>=715607 && mpsCoda<=821718}
laserState
mpsCoda
×10^3

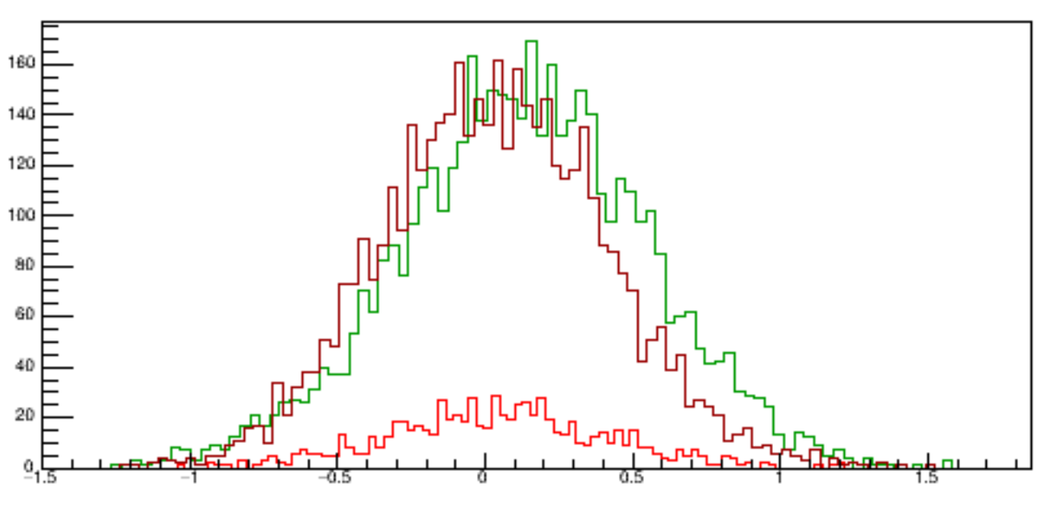

beamState + 1:mpsCoda {mpsCoda>=715607 && mpsCoda<=821718}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=715607 && mpsCoda<=821718}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=715607 && mpsCoda<=821718}
bcm
mpsCoda
×10^3

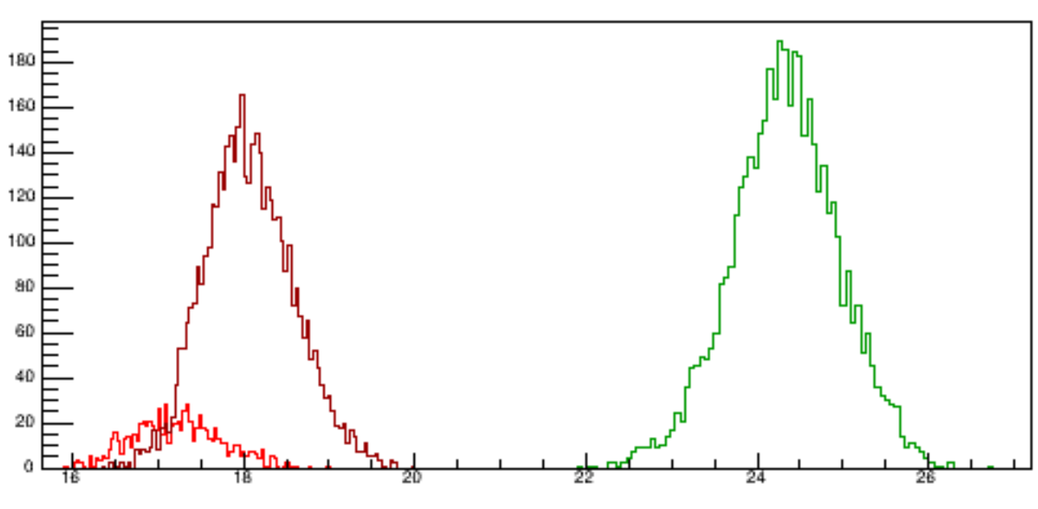
Cycle 11, Diffs

Entries: 763	Entries: 4641	Entries: 4408
Mean: 0.0397 +/- 0.0133	Mean: 0.1273 +/- 0.0061	Mean: 0.0306 +/- 0.0057
Std Dev: 0.3686 +/- 0.0094	Std Dev: 0.4175 +/- 0.0043	Std Dev: 0.3799 +/- 0.0040



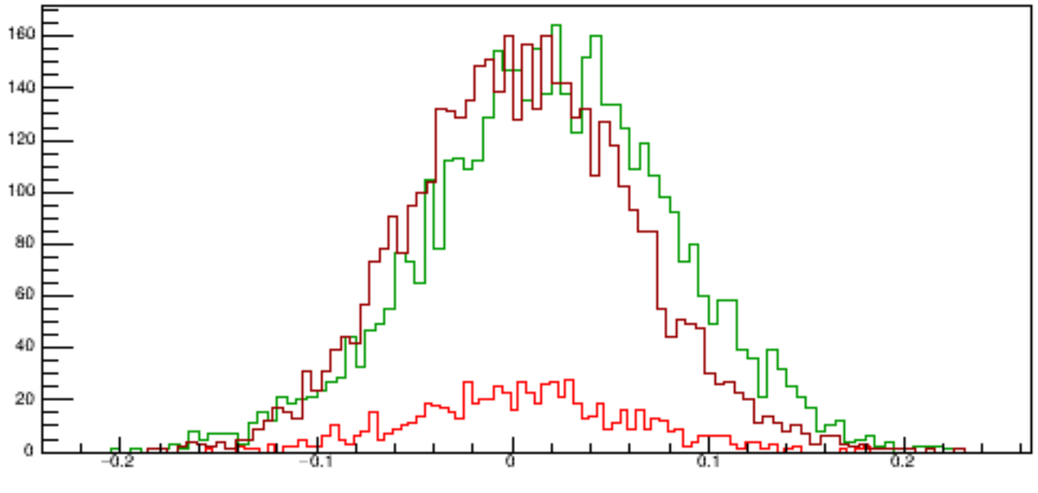
Cycle 11, Sums

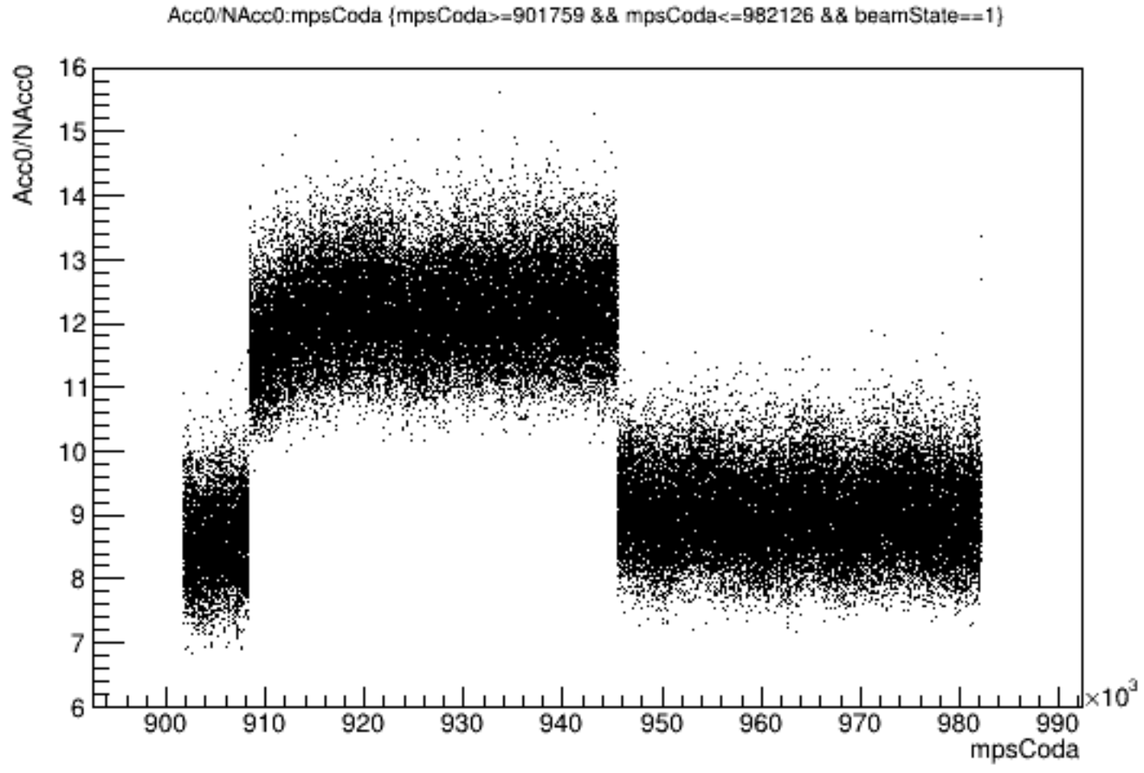
Entries: 763	Entries: 4641	Entries: 4408
Mean: 17.2248 +/- 0.0185	Mean: 24.3209 +/- 0.0092	Mean: 18.0689 +/- 0.0078
Std Dev: 0.5119 +/- 0.0131	Std Dev: 0.6262 +/- 0.0065	Std Dev: 0.5189 +/- 0.0055

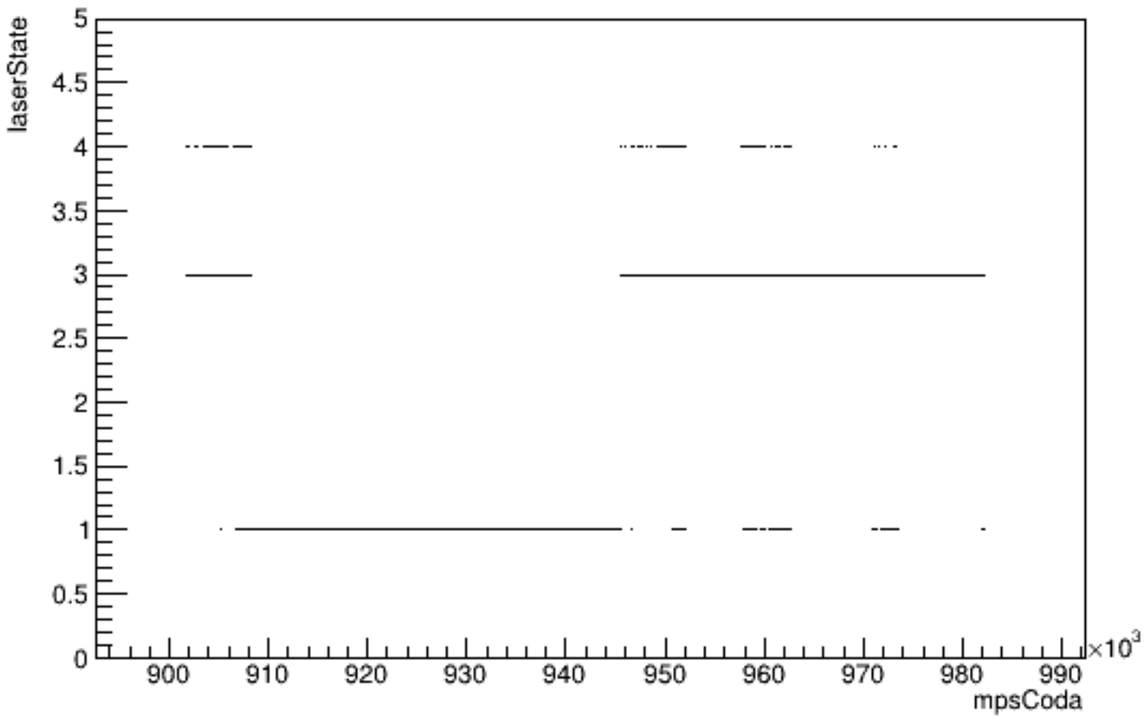


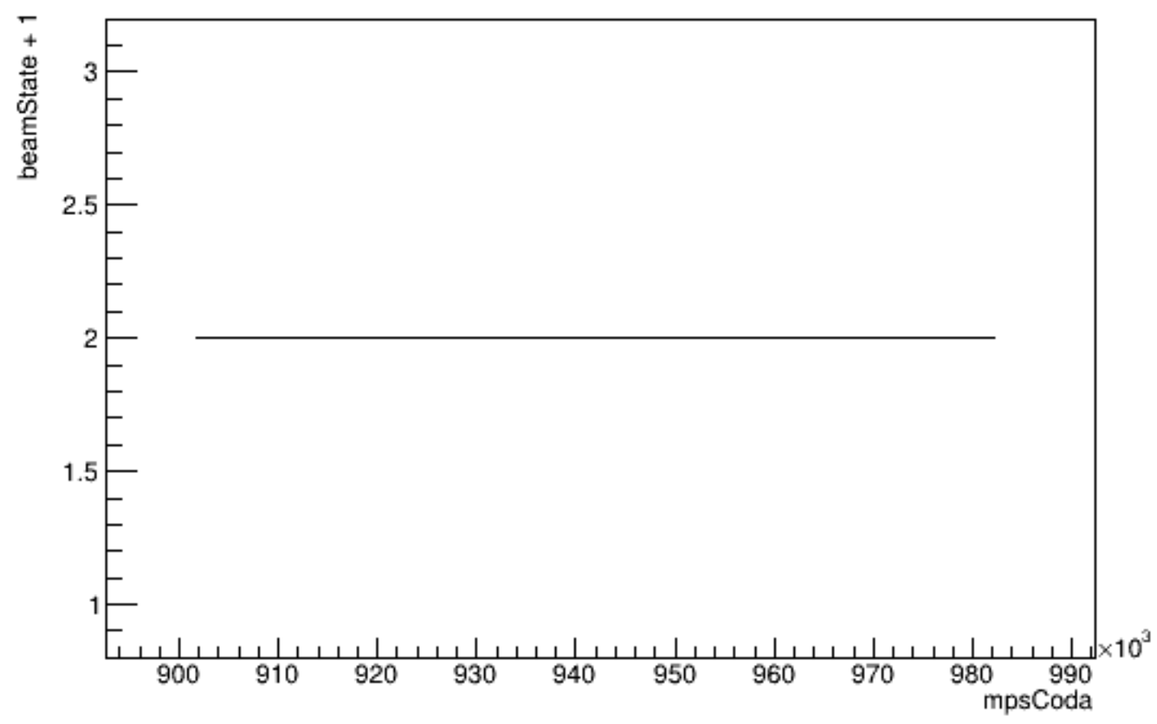
Cycle 11, Asyms

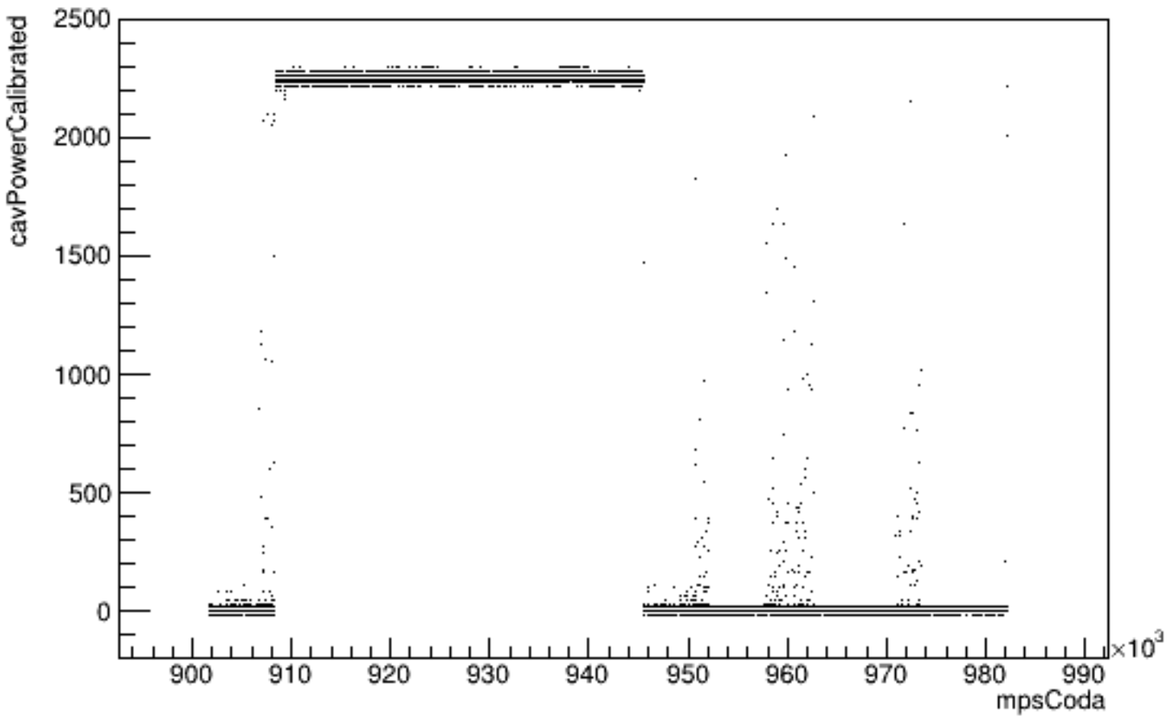
Entries: 763	Entries: 4641	Entries: 4408
Mean: 0.0059 +/- 0.0020	Mean: 0.0192 +/- 0.0009	Mean: 0.0046 +/- 0.0009
Std Dev: 0.0552 +/- 0.0014	Std Dev: 0.0630 +/- 0.0007	Std Dev: 0.0569 +/- 0.0006

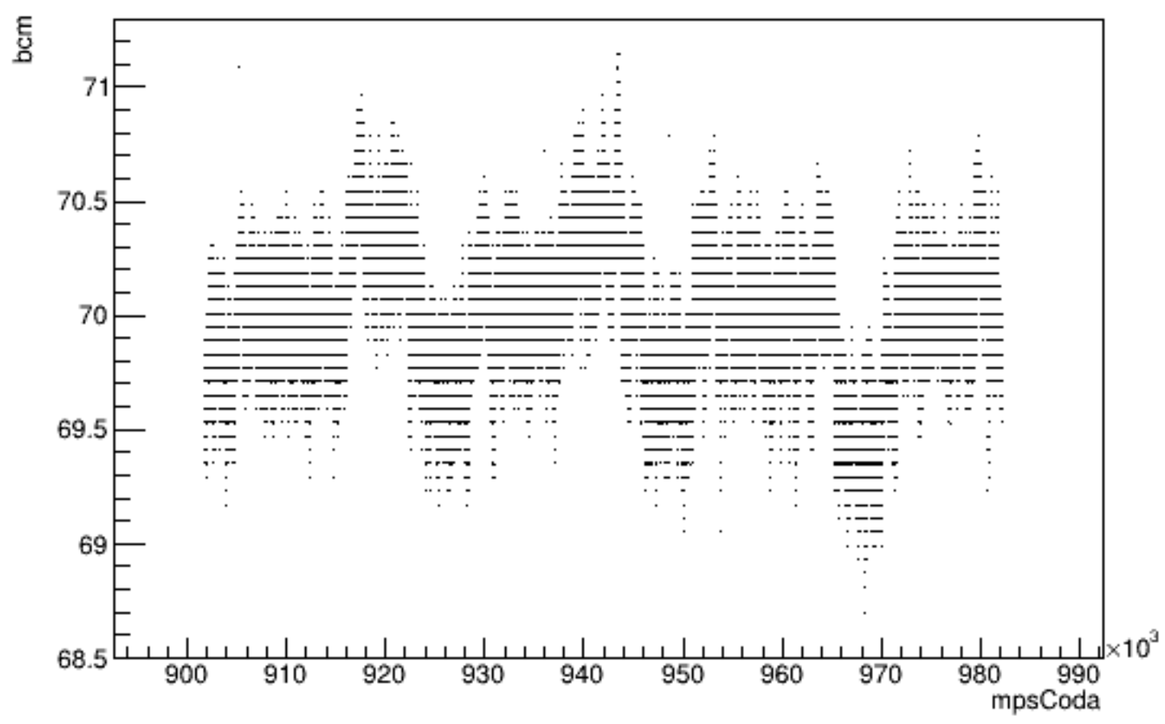





laserState:mpsCoda {mpsCoda>=901759 && mpsCoda<=982126}
laserState
mpsCoda
×10^3

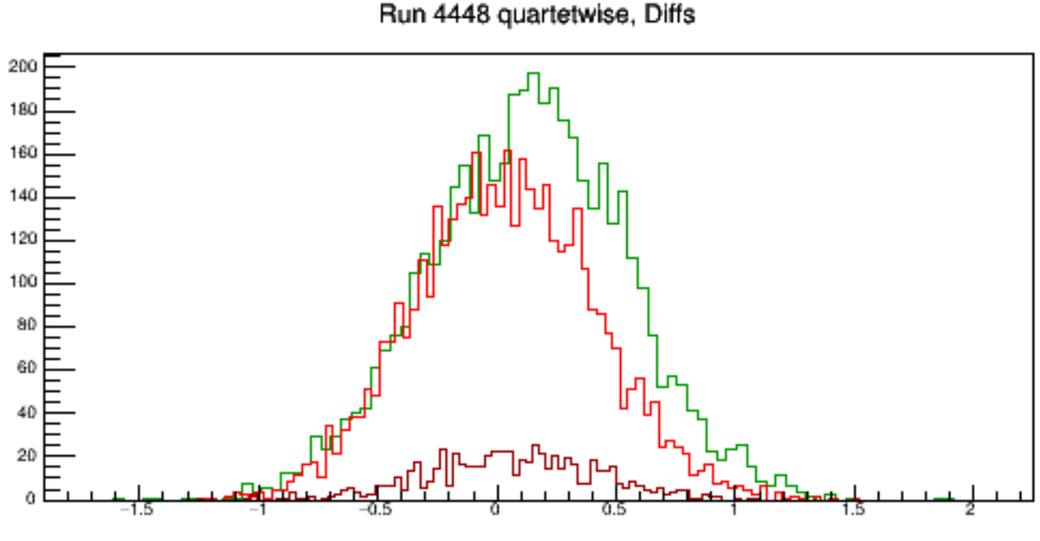

beamState + 1:mpsCoda {mpsCoda>=901759 && mpsCoda<=982126}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=901759 && mpsCoda<=982126}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=901759 && mpsCoda<=982126}
bcm
mpsCoda
×10^3

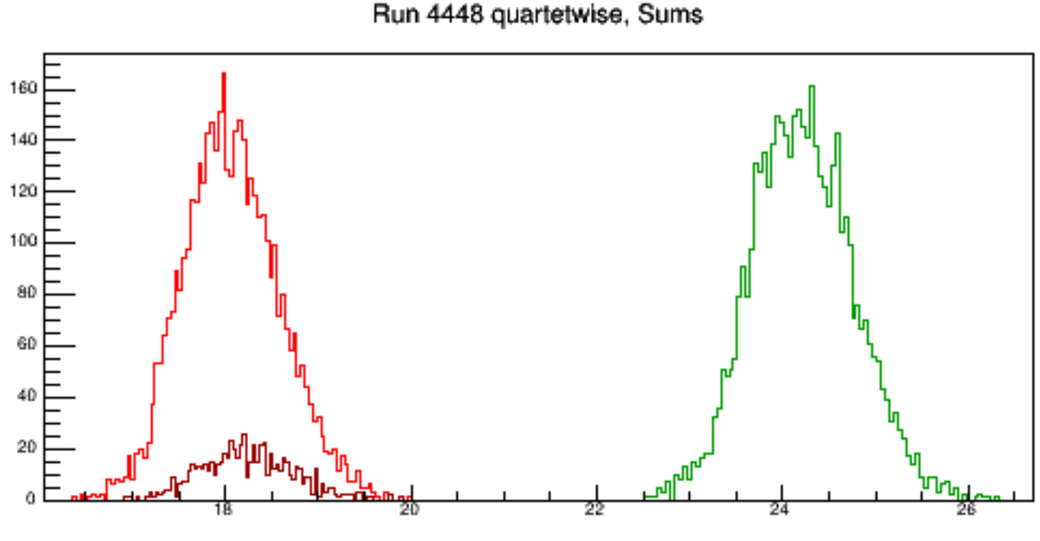
Cycle 12, Diffs

Entries: 4408	Entries: 4585	Entries: 658
Mean: 0.0306 +/- 0.0057	Mean: 0.1242 +/- 0.0061	Mean: 0.0576 +/- 0.0148
Std Dev: 0.3799 +/- 0.0040	Std Dev: 0.4163 +/- 0.0043	Std Dev: 0.3787 +/- 0.0104



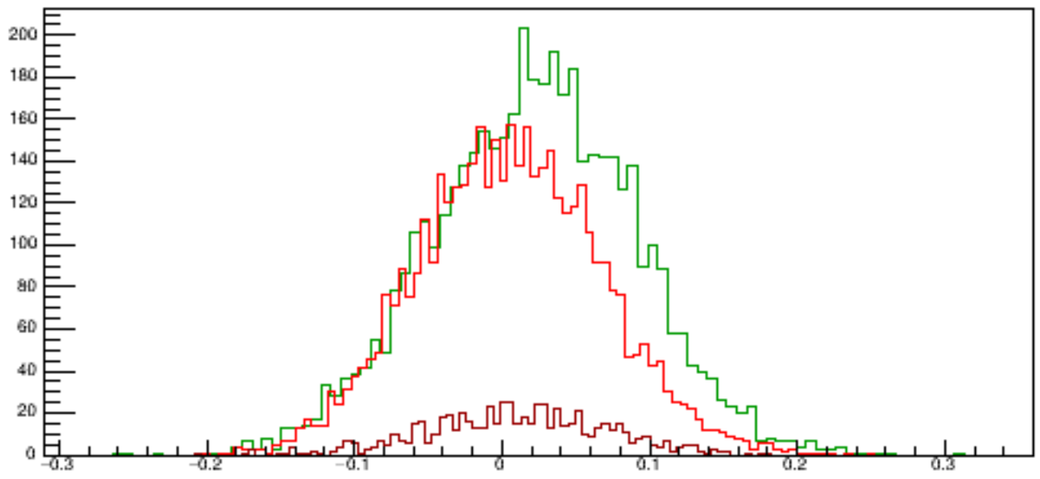
Cycle 12, Sums

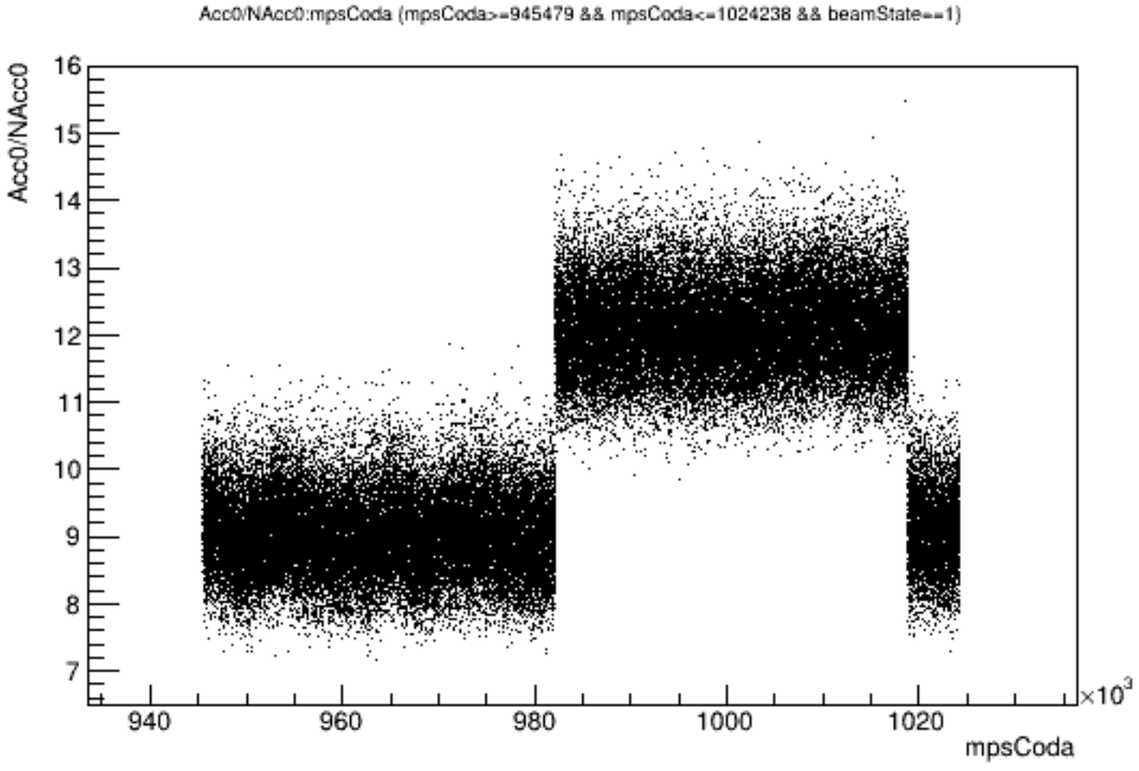
Entries: 4408	Entries: 4585	Entries: 658
Mean: 18.0689 +/- 0.0078	Mean: 24.2194 +/- 0.0081	Mean: 18.2470 +/- 0.0193
Std Dev: 0.5189 +/- 0.0055	Std Dev: 0.5501 +/- 0.0057	Std Dev: 0.4941 +/- 0.0136

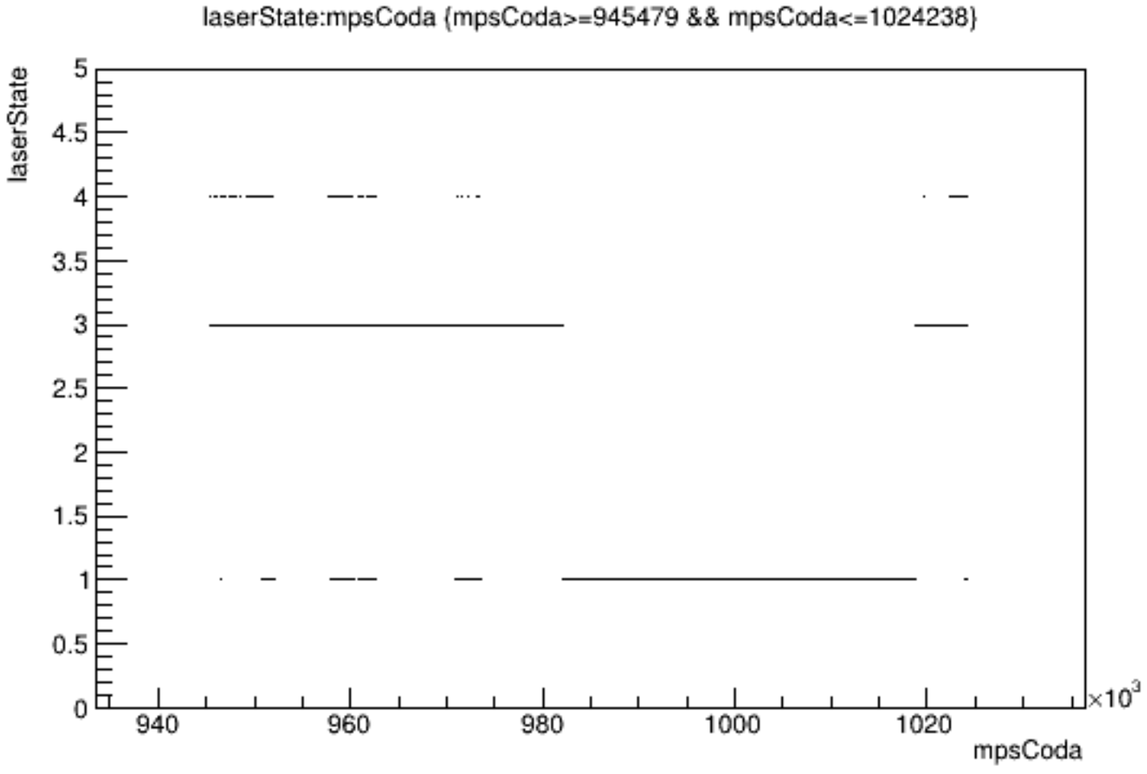


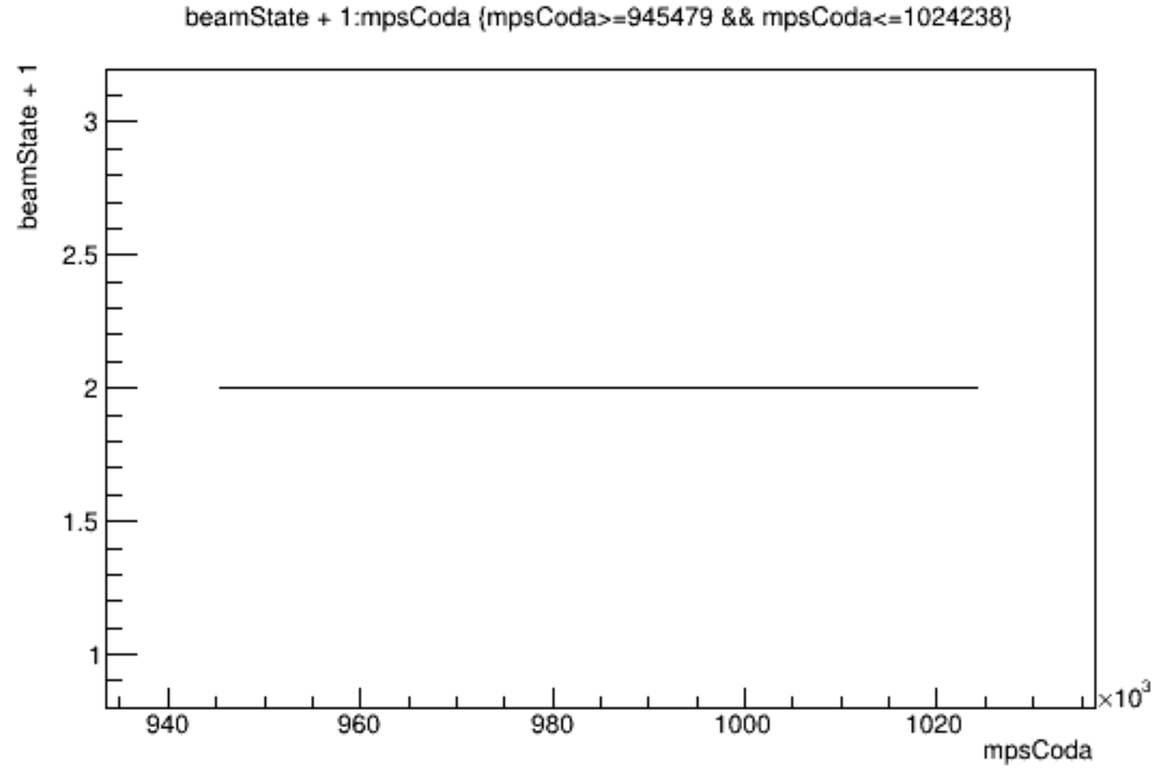
Cycle 12, Asyms

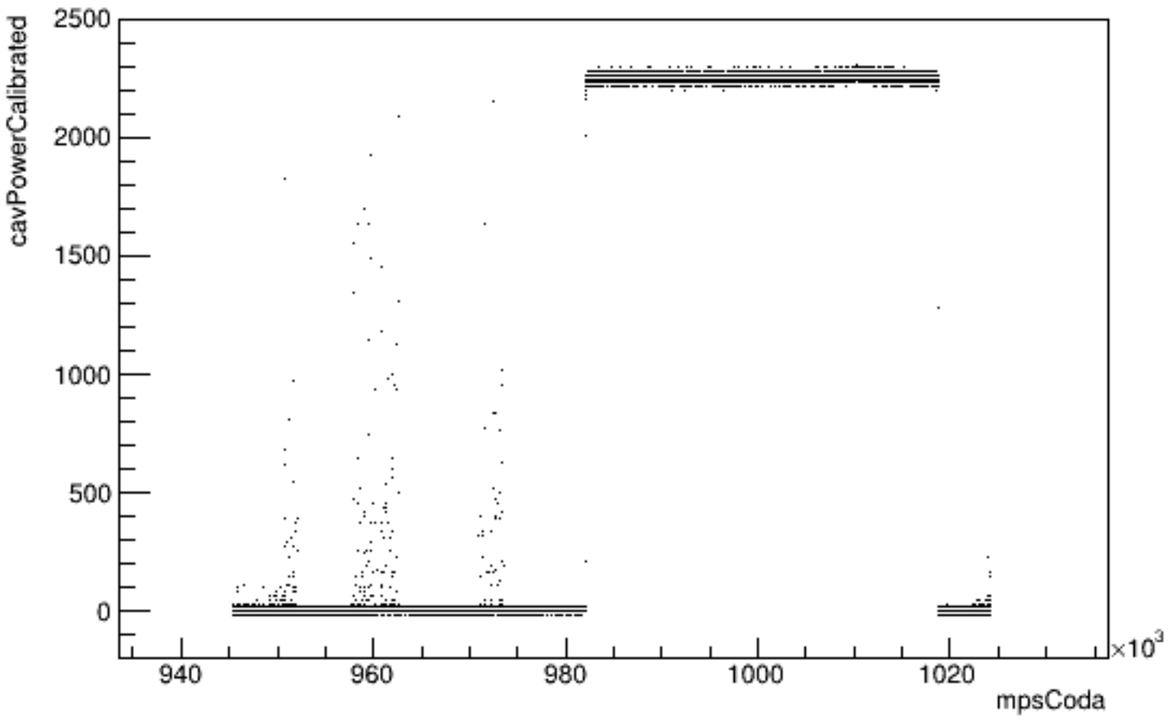
Entries: 4408	Entries: 4585	Entries: 658
Mean: 0.0050 +/- 0.0009	Mean: 0.0206 +/- 0.0010	Mean: 0.0095 +/- 0.0024
Std Dev: 0.0627 +/- 0.0007	Std Dev: 0.0689 +/- 0.0007	Std Dev: 0.0625 +/- 0.0017

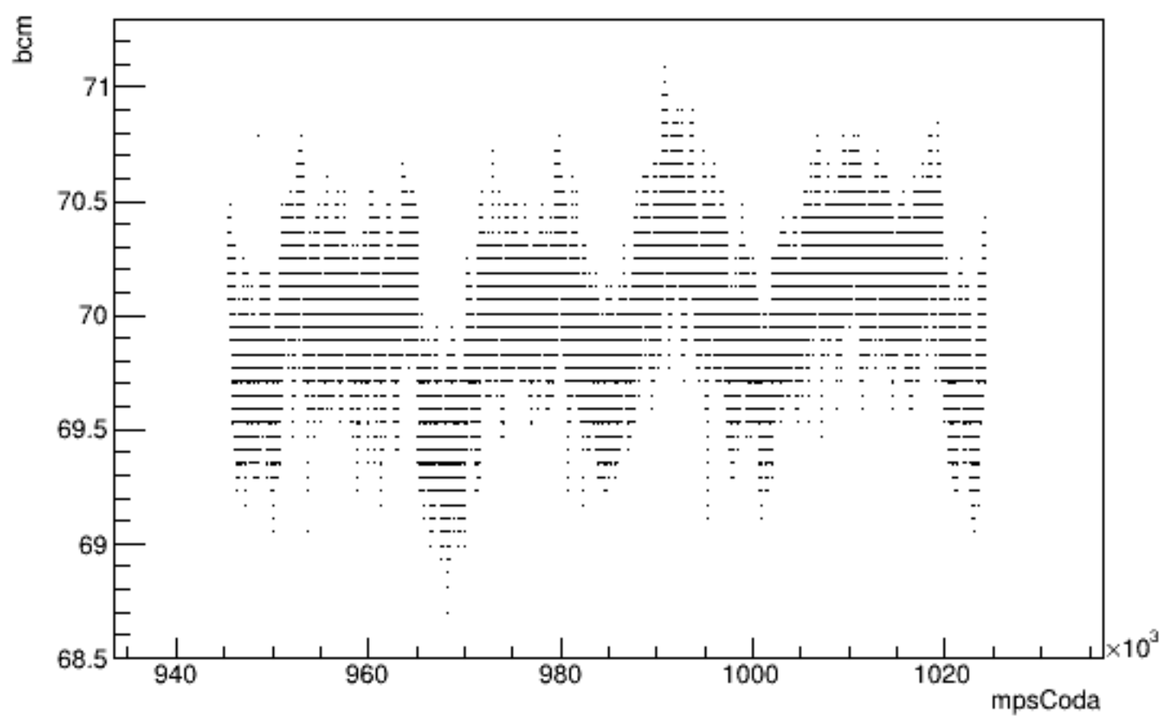





laserState:mpsCoda {mpsCoda>=945479 && mpsCoda<=1024238}
laserState
mpsCoda
×10^3

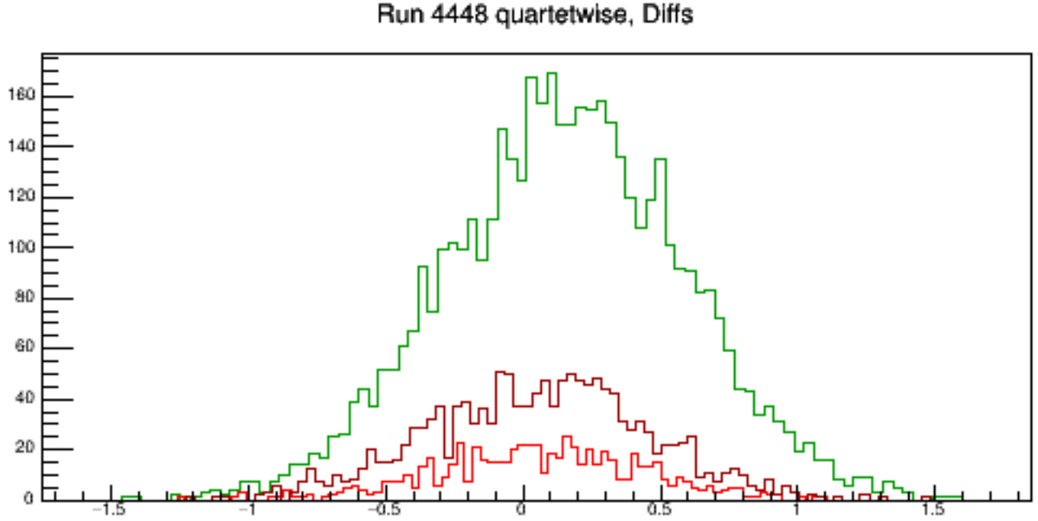

beamState + 1:mpsCoda {mpsCoda>=945479 && mpsCoda<=1024238}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=945479 && mpsCoda<=1024238}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=945479 && mpsCoda<=1024238}
bcm
mpsCoda
×10^3

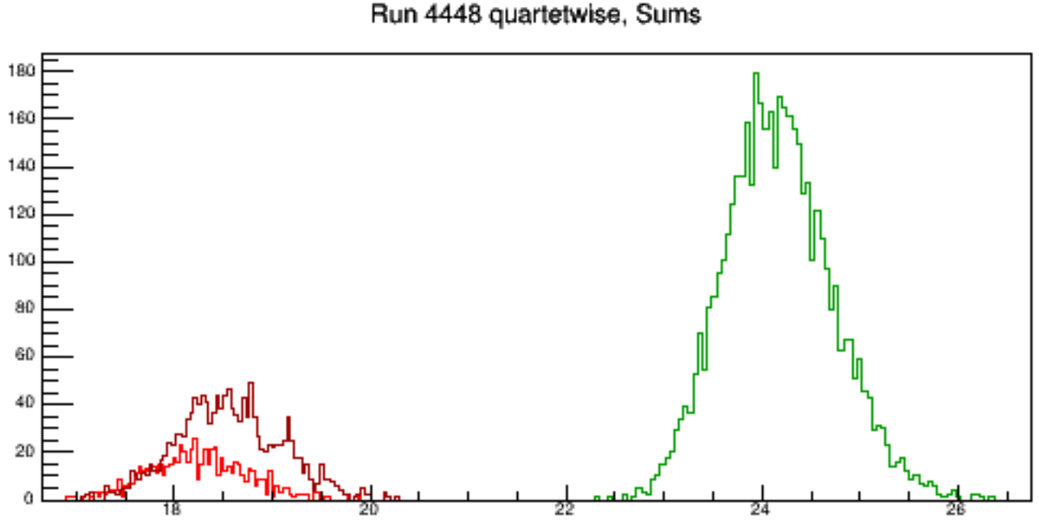
Cycle 13, Diffs

Entries: 658	Entries: 4664	Entries: 1439
Mean: 0.0576 +/- 0.0148	Mean: 0.1504 +/- 0.0064	Mean: 0.0572 +/- 0.0105
Std Dev: 0.3787 +/- 0.0104	Std Dev: 0.4351 +/- 0.0045	Std Dev: 0.3980 +/- 0.0074



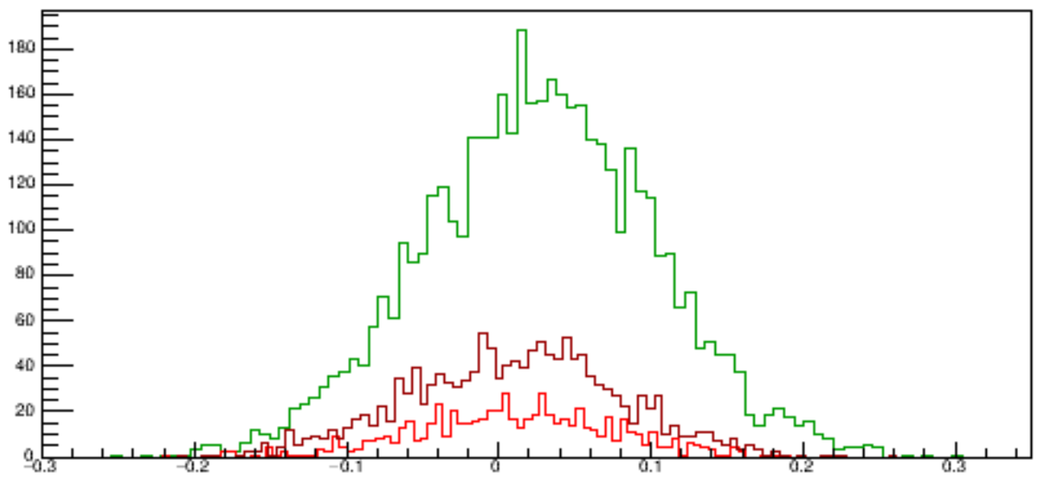
Cycle 13, Sums

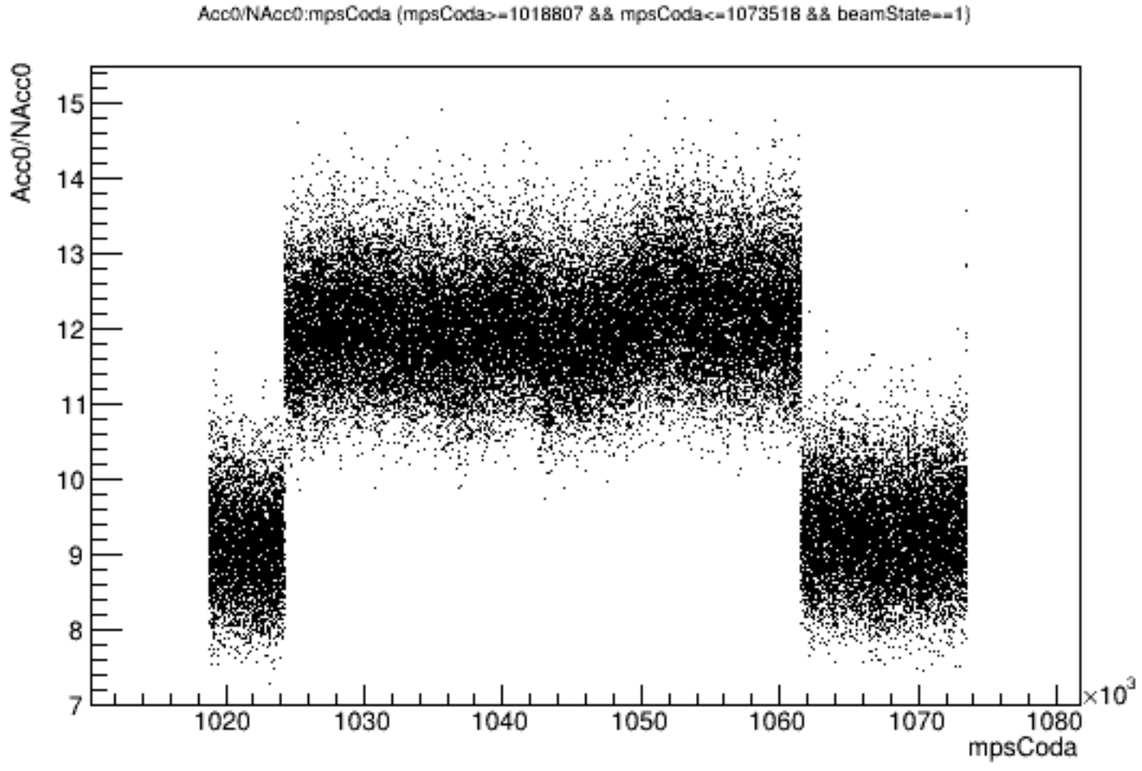
Entries: 658	Entries: 4664	Entries: 1439
Mean: 18.2470 +/- 0.0193	Mean: 24.1683 +/- 0.0081	Mean: 18.5522 +/- 0.0140
Std Dev: 0.4941 +/- 0.0136	Std Dev: 0.5544 +/- 0.0057	Std Dev: 0.5321 +/- 0.0099

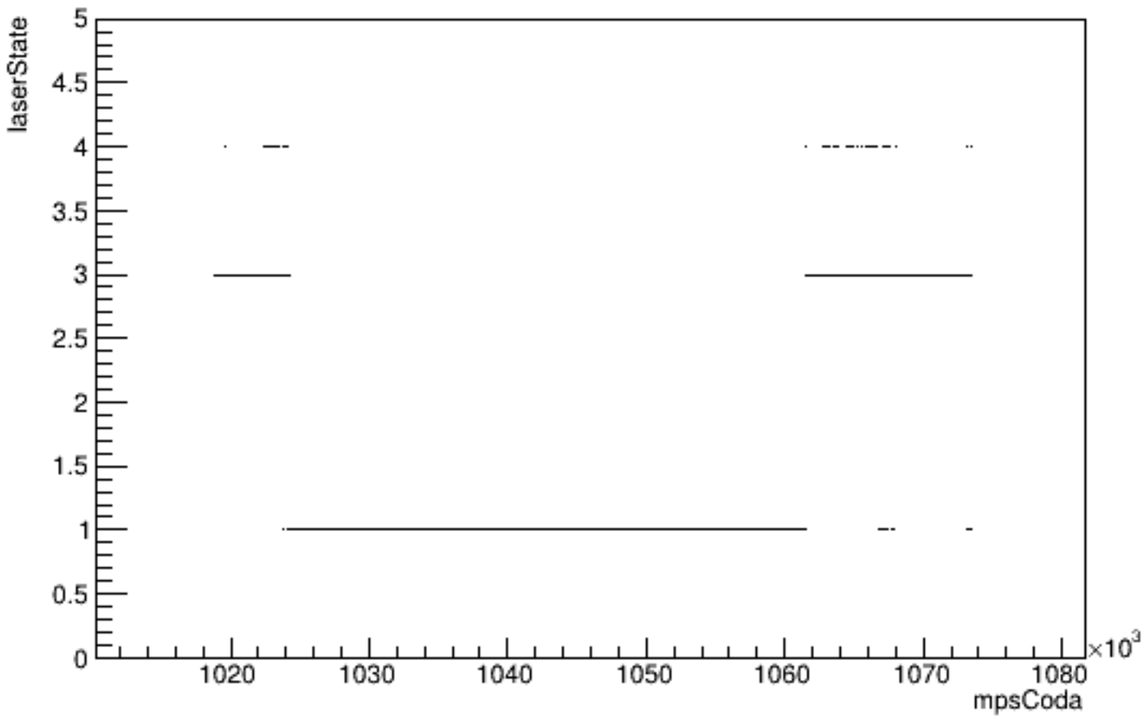


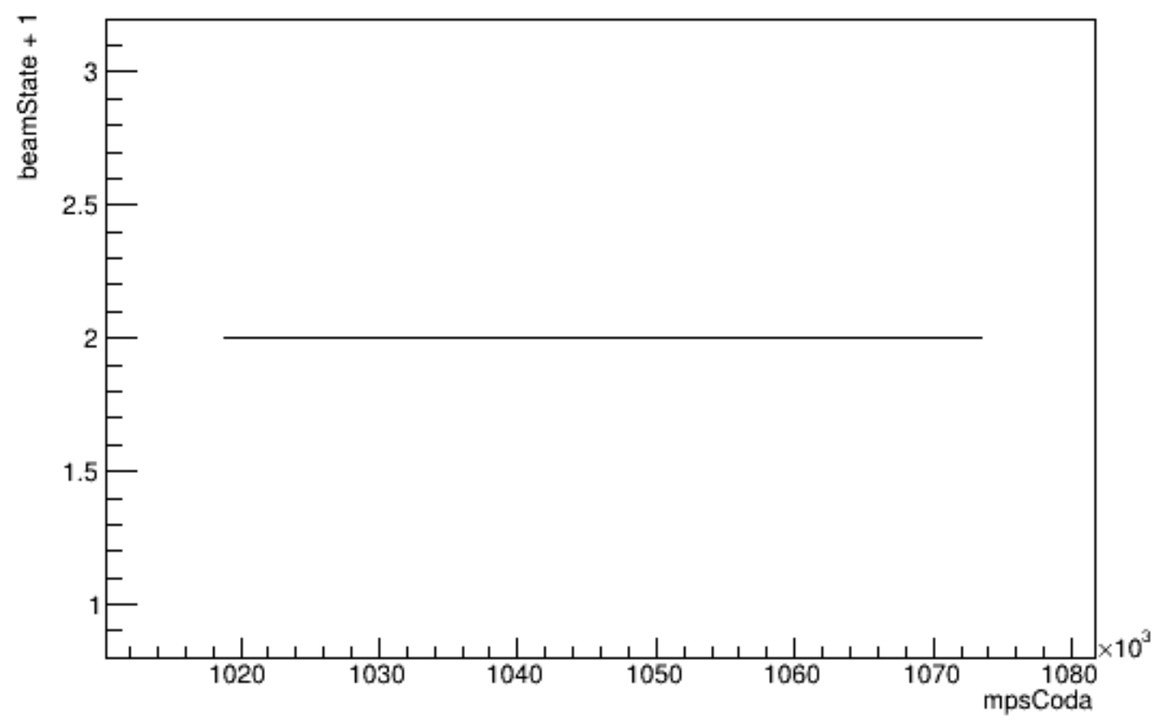
Cycle 13, Asyms

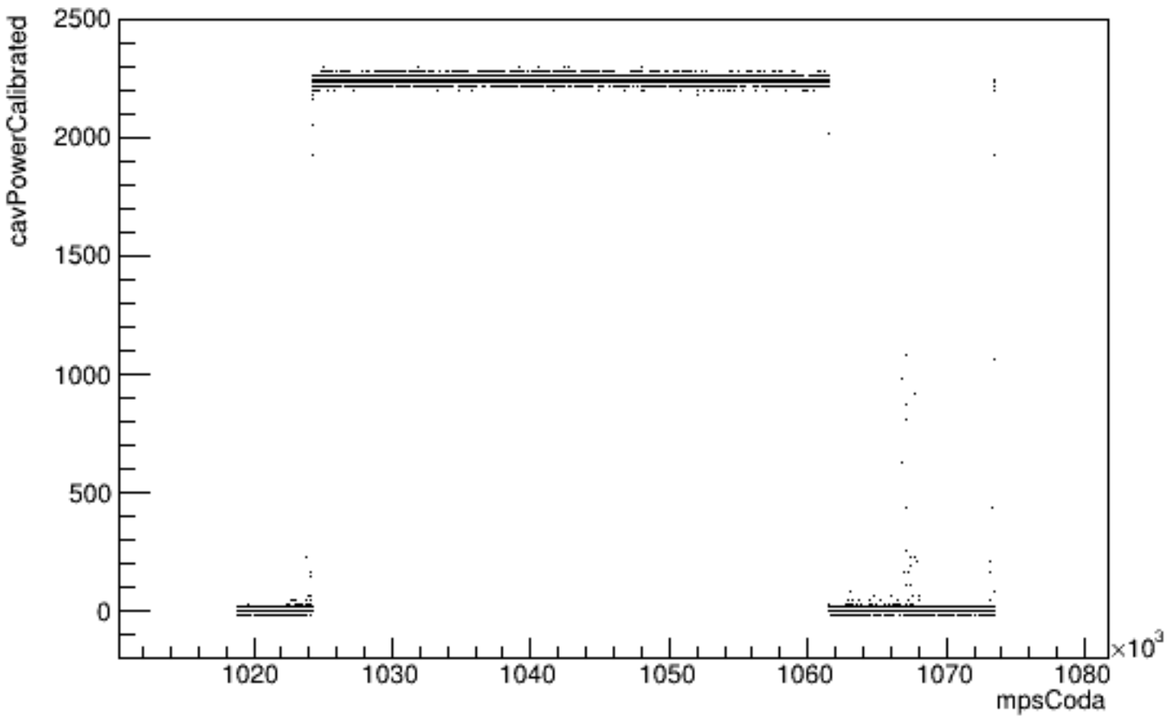
Entries: 658	Entries: 4664	Entries: 1439
Mean: 0.0100 +/- 0.0026	Mean: 0.0262 +/- 0.0011	Mean: 0.0099 +/- 0.0018
Std Dev: 0.0656 +/- 0.0018	Std Dev: 0.0759 +/- 0.0008	Std Dev: 0.0690 +/- 0.0013

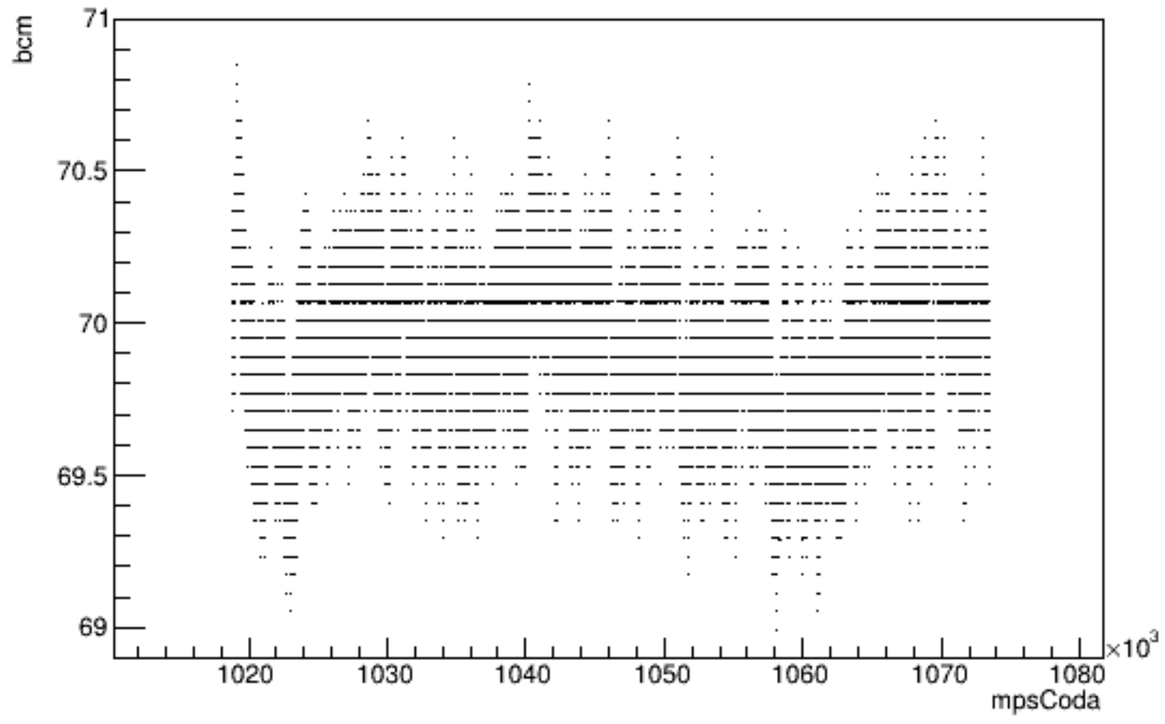





laserState:mpsCoda {mpsCoda>=1018807 && mpsCoda<=1073518}
laserState
mpsCoda
×10^3

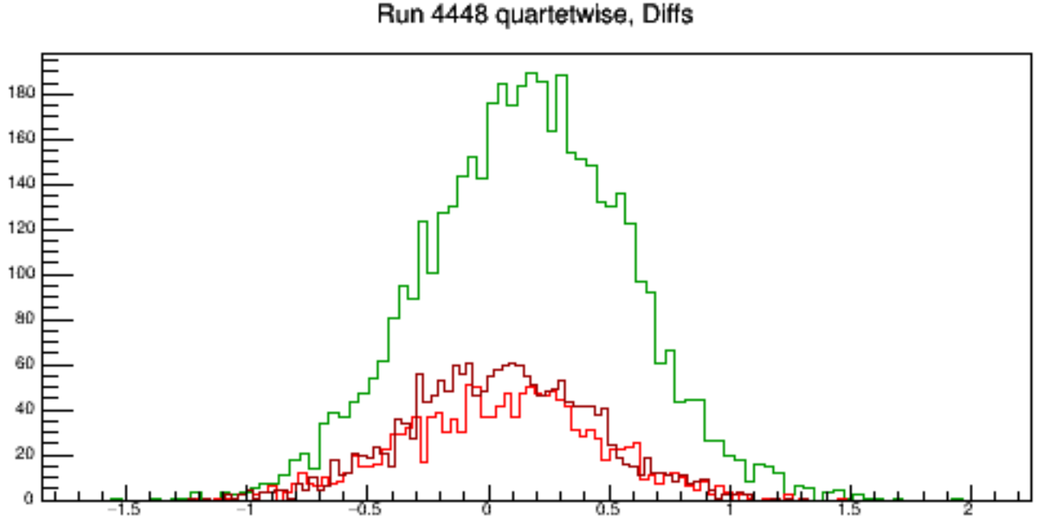

beamState + 1:mpsCoda {mpsCoda>=1018807 && mpsCoda<=1073518}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1018807 && mpsCoda<=1073518}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1018807 && mpsCoda<=1073518}
bcm
mpsCoda
×10^3

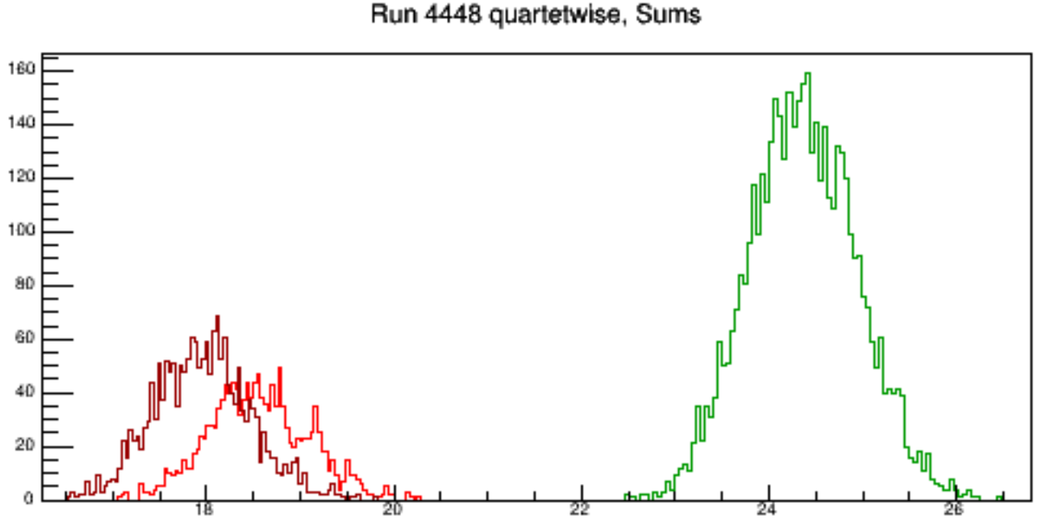
Cycle 14, Diffs

Entries: 1439	Entries: 4637	Entries: 1875
Mean: 0.0572 +/- 0.0105	Mean: 0.1529 +/- 0.0062	Mean: 0.0468 +/- 0.0088
Std Dev: 0.3980 +/- 0.0074	Std Dev: 0.4231 +/- 0.0044	Std Dev: 0.3793 +/- 0.0062



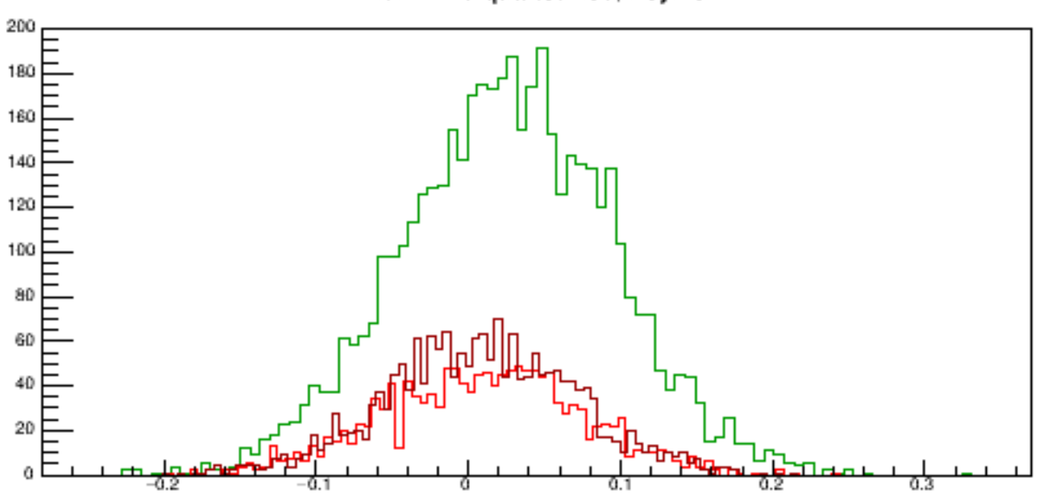
Cycle 14, Sums

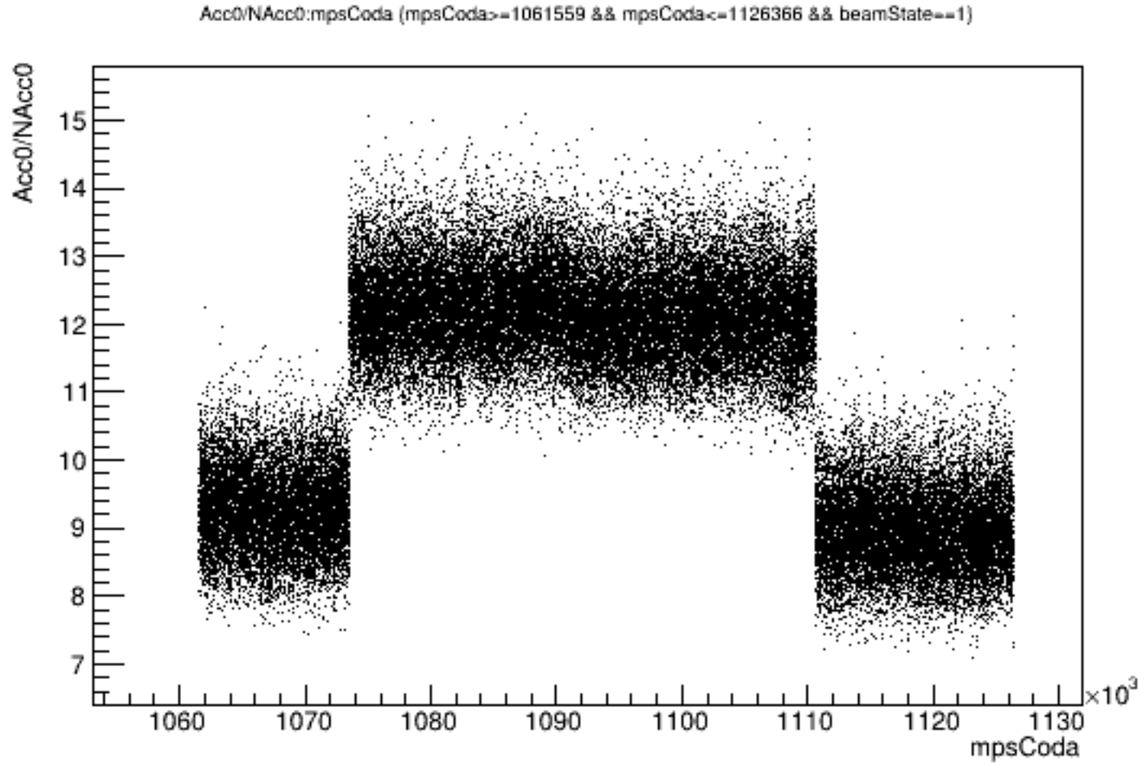
Entries: 1439	Entries: 4637	Entries: 1875
Mean: 18.5522 +/- 0.0140	Mean: 24.3672 +/- 0.0085	Mean: 17.9576 +/- 0.0119
Std Dev: 0.5321 +/- 0.0099	Std Dev: 0.5781 +/- 0.0060	Std Dev: 0.5154 +/- 0.0084

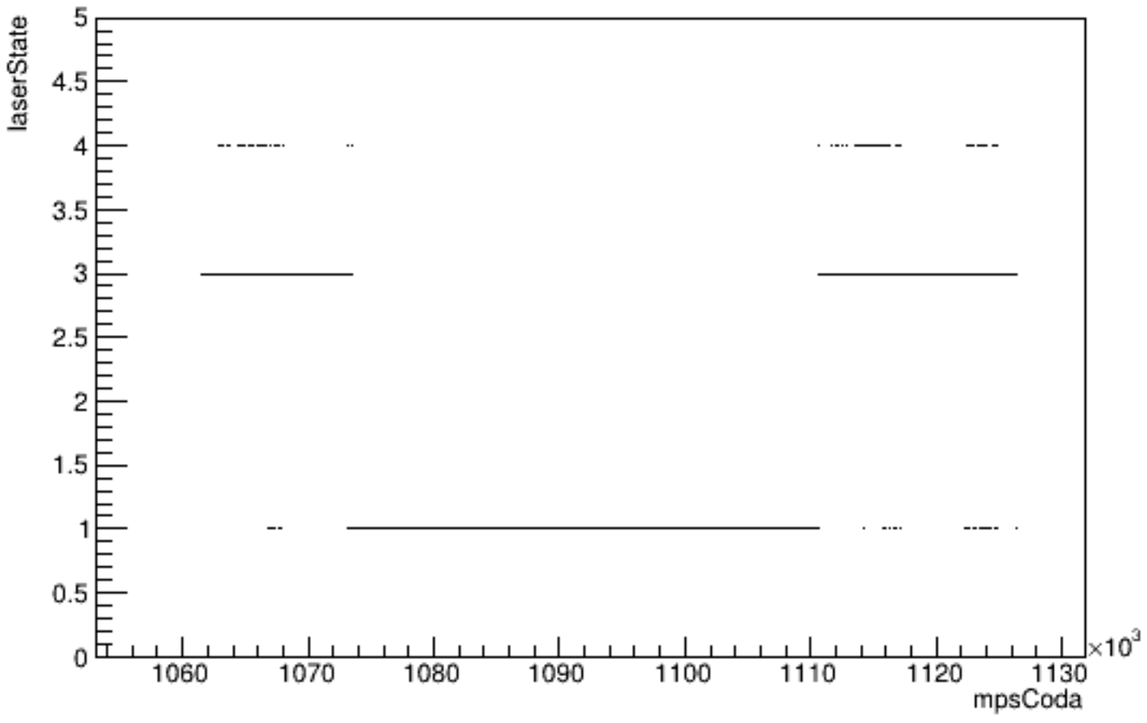


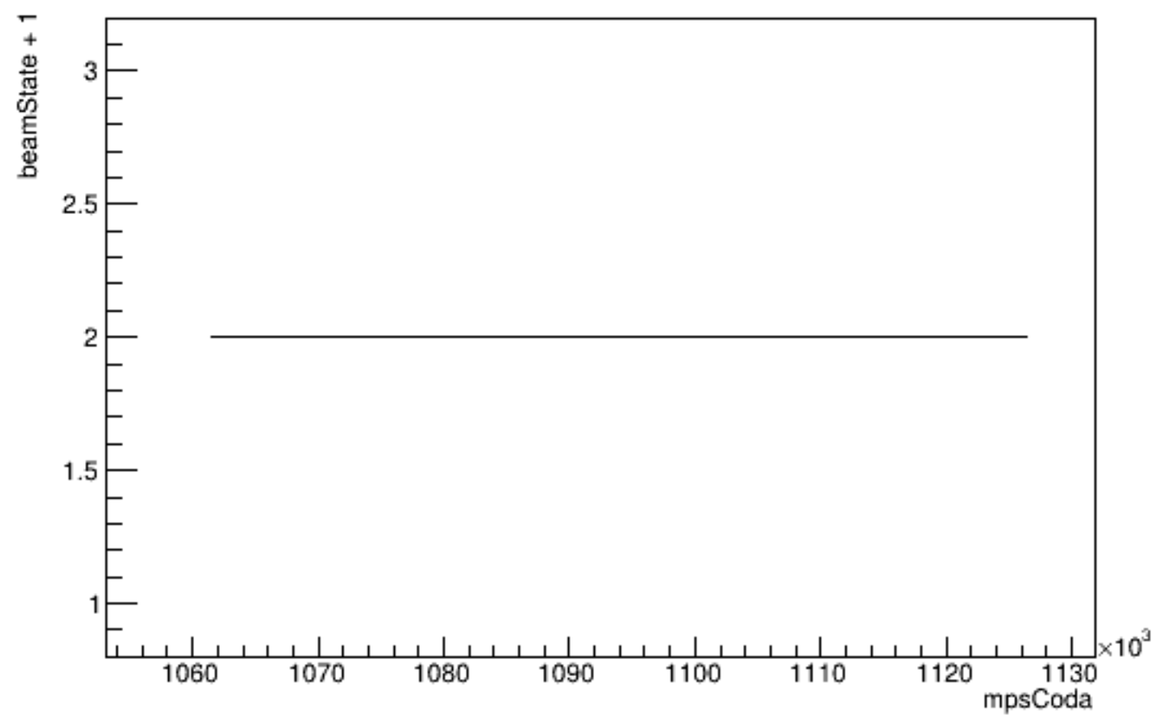
Cycle 14, Asyms

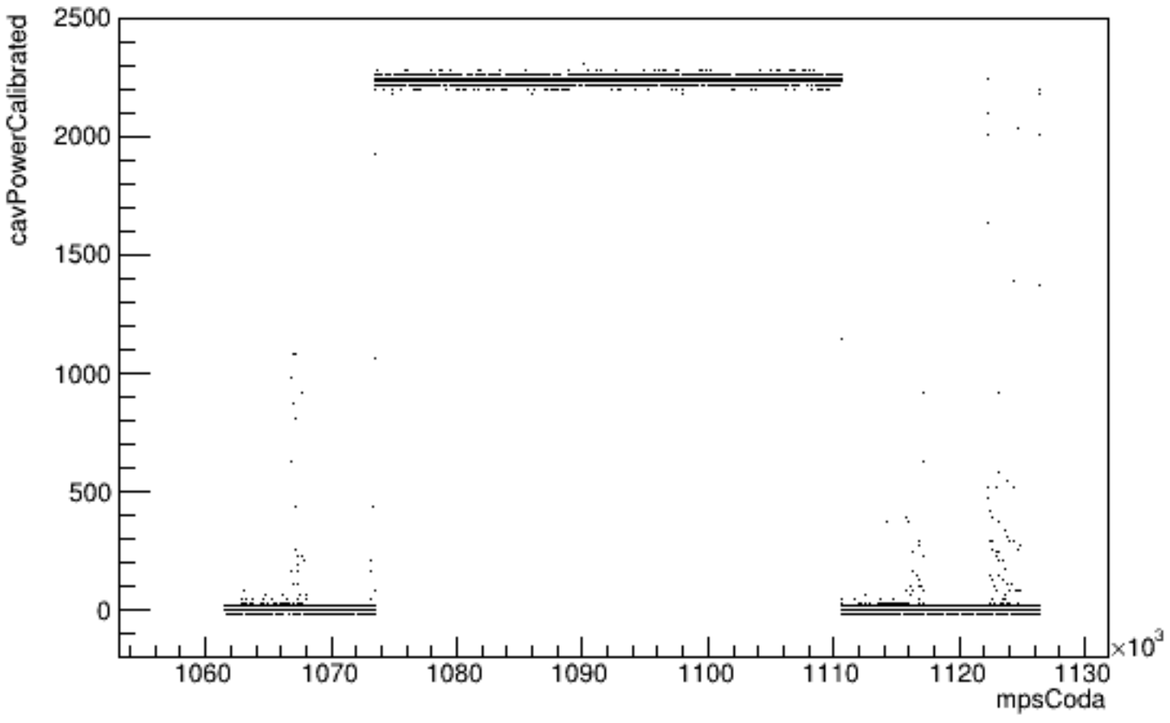
Entries: 1439	Entries: 4637	Entries: 1875
Mean: 0.0094 +/- 0.0017	Mean: 0.0252 +/- 0.0010	Mean: 0.0077 +/- 0.0014
Std Dev: 0.0651 +/- 0.0012	Std Dev: 0.0696 +/- 0.0007	Std Dev: 0.0621 +/- 0.0010

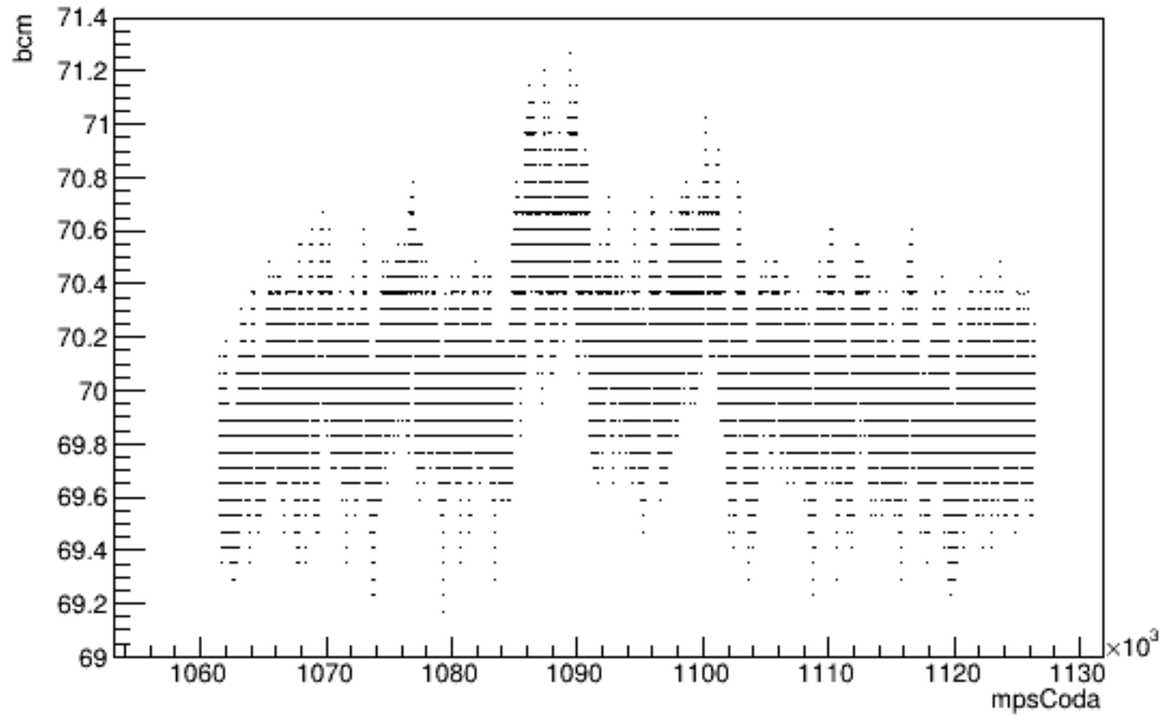





laserState:mpsCoda {mpsCoda>=1061559 && mpsCoda<=1126366}
laserState
mpsCoda
×10^3

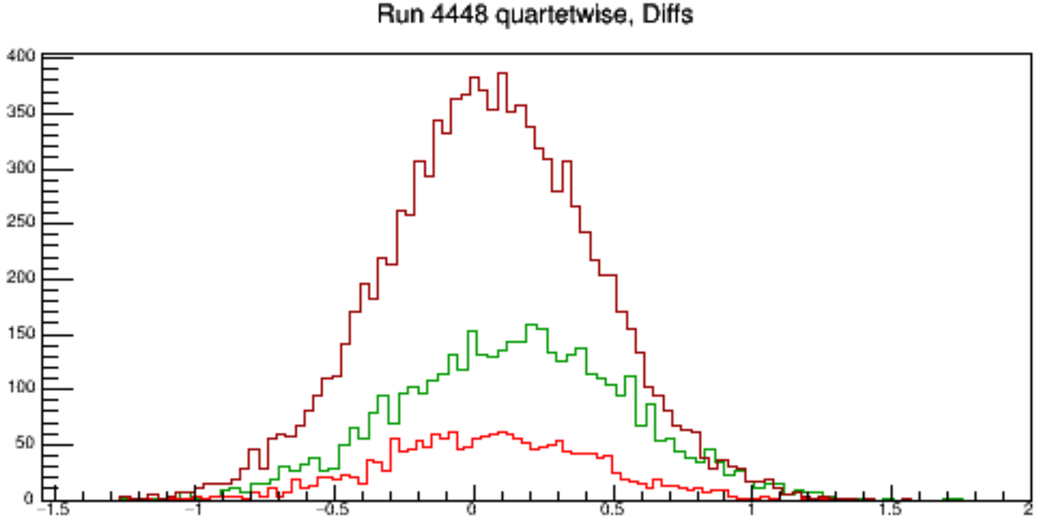

beamState + 1:mpsCoda {mpsCoda>=1061559 && mpsCoda<=1126366}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1061559 && mpsCoda<=1126366}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1061559 && mpsCoda<=1126366}
bcm
mpsCoda
×10^3

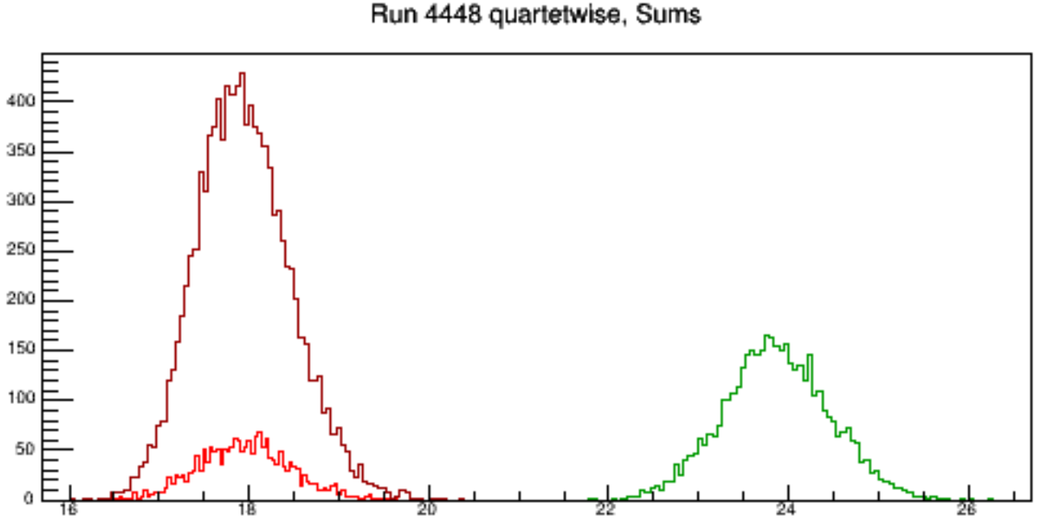
Cycle 15, Diffs

Entries: 1875	Entries: 4271	Entries: 10558
Mean: 0.0468 +/- 0.0088	Mean: 0.1442 +/- 0.0064	Mean: 0.0552 +/- 0.0037
Std Dev: 0.3793 +/- 0.0062	Std Dev: 0.4164 +/- 0.0045	Std Dev: 0.3801 +/- 0.0026



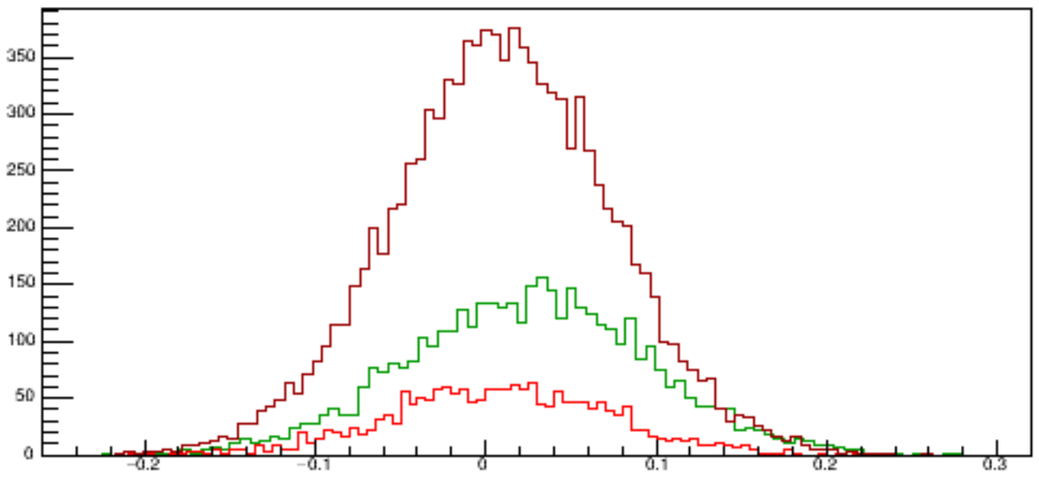
Cycle 15, Sums

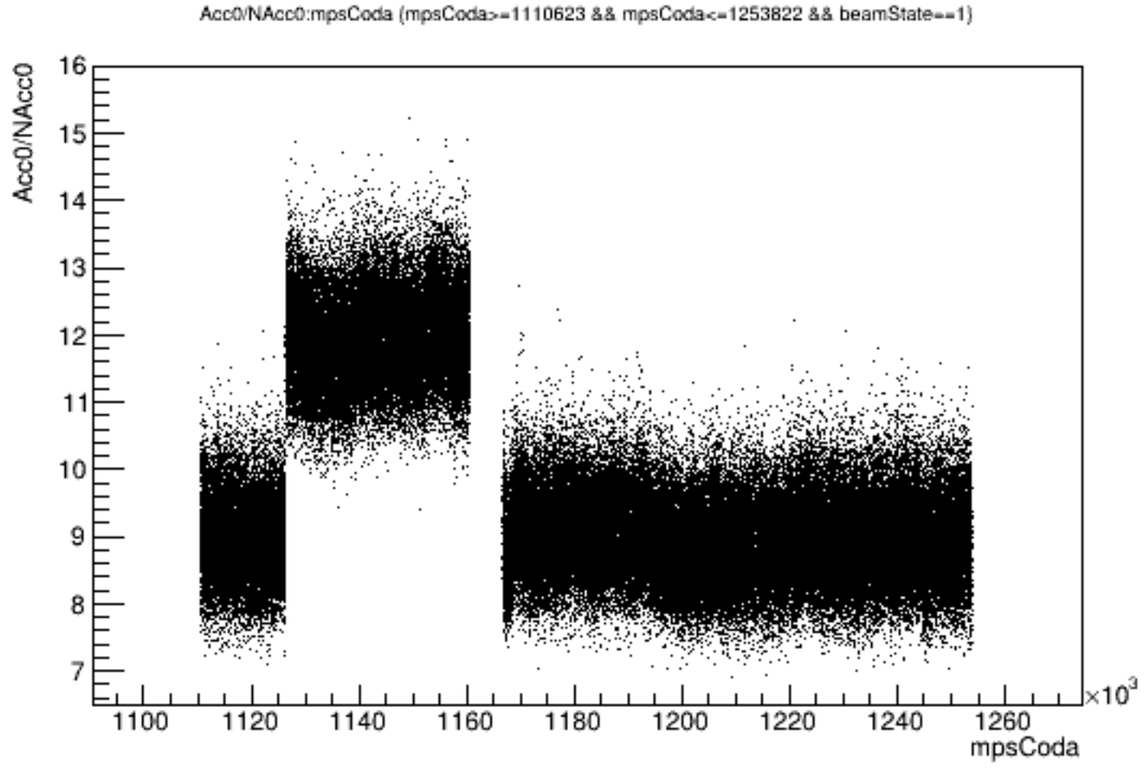
Entries: 1875	Entries: 4271	Entries: 10558
Mean: 17.9576 +/- 0.0119	Mean: 23.8661 +/- 0.0090	Mean: 17.9421 +/- 0.0052
Std Dev: 0.5154 +/- 0.0084	Std Dev: 0.5905 +/- 0.0064	Std Dev: 0.5292 +/- 0.0036

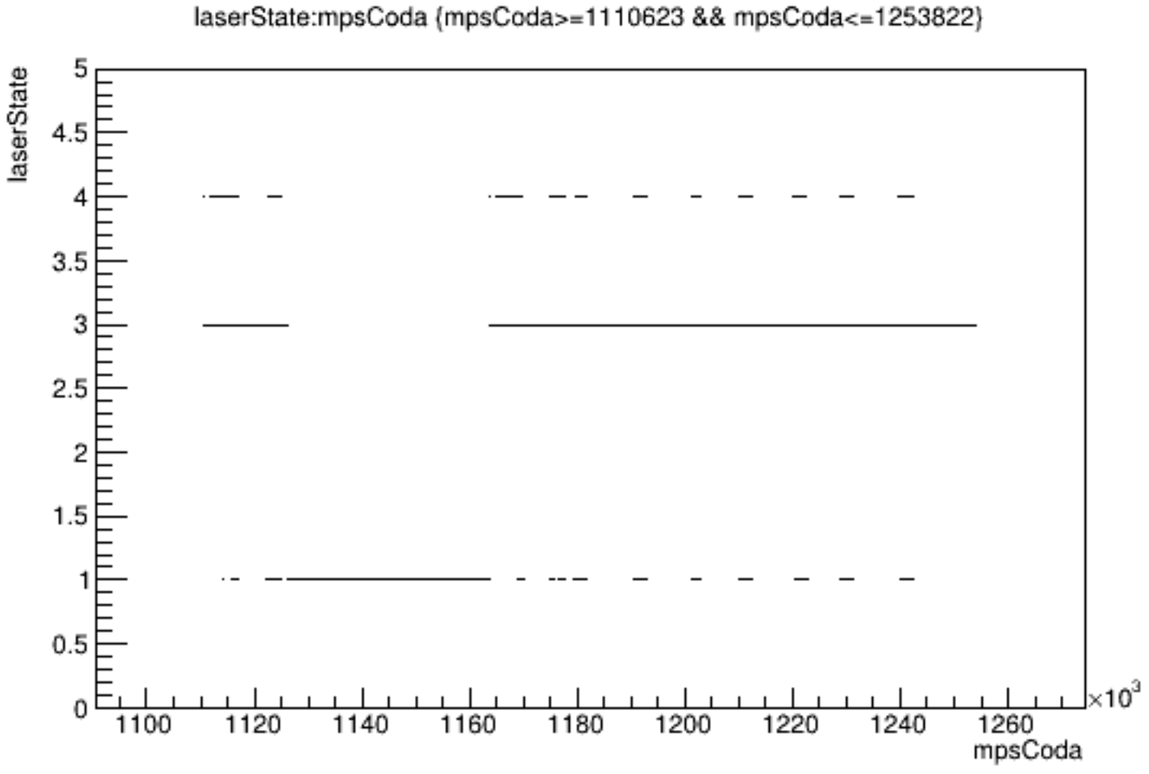


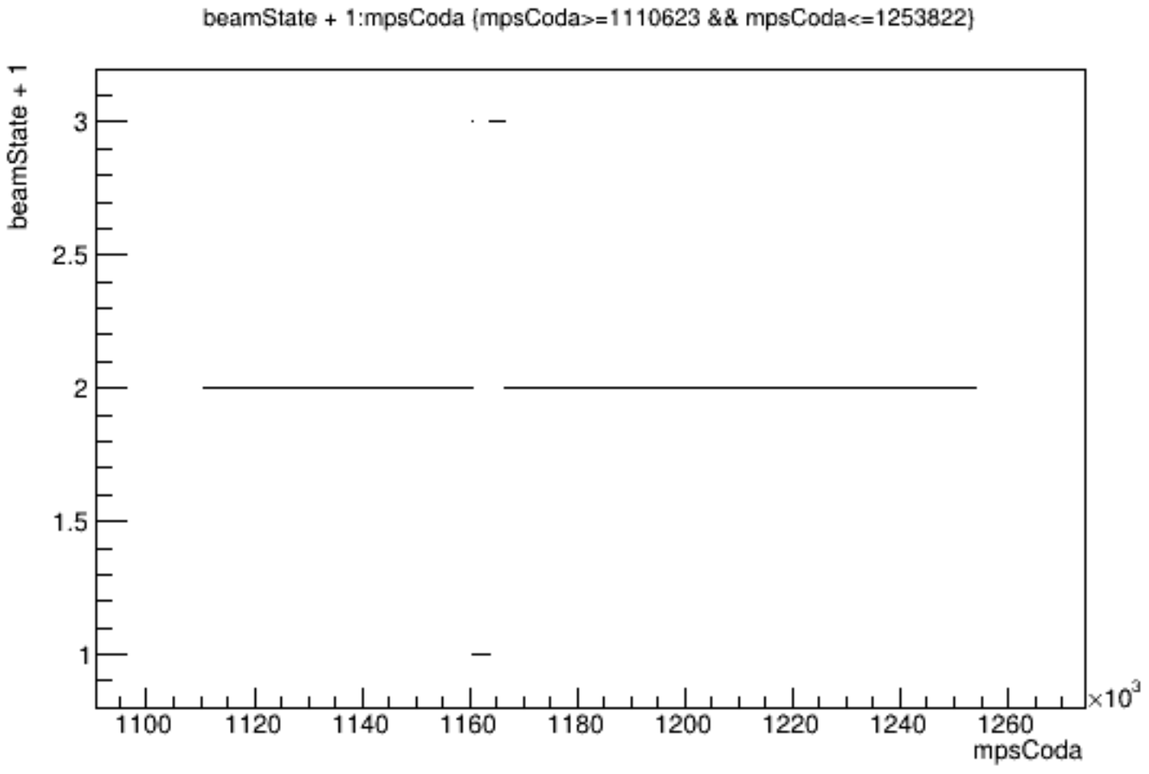
Cycle 15, Asyms

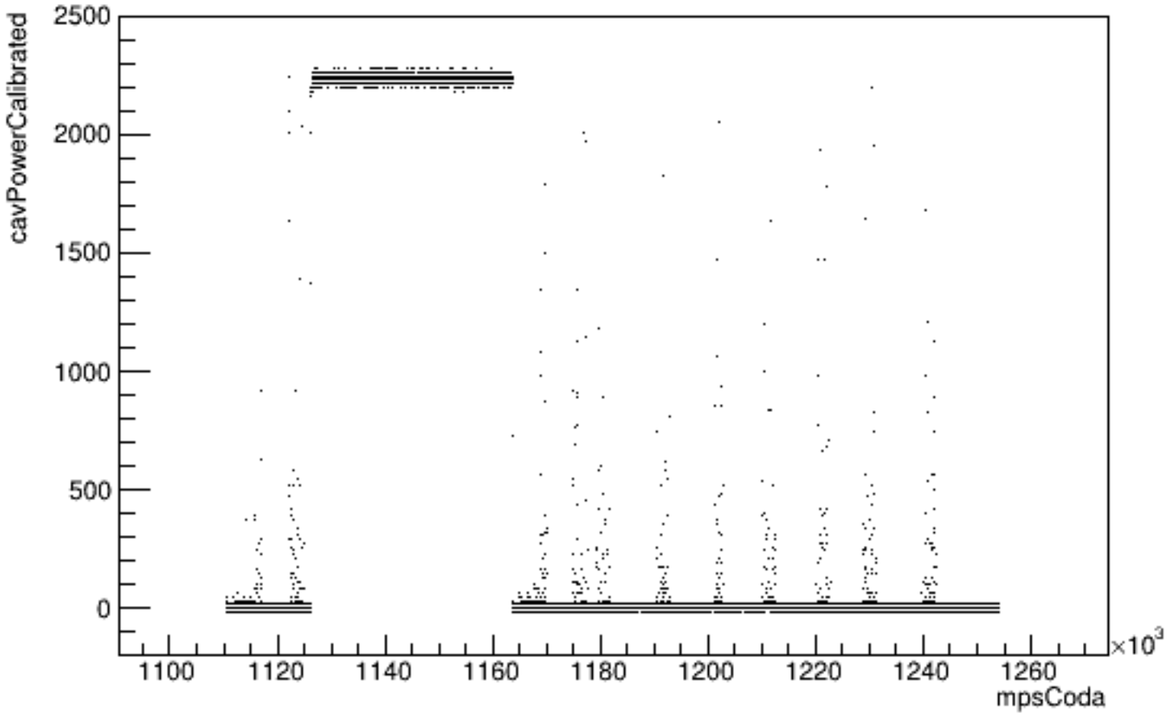
Entries: 1875	Entries: 4271	Entries: 10558
Mean: 0.0079 +/- 0.0015	Mean: 0.0246 +/- 0.0011	Mean: 0.0093 +/- 0.0006
Std Dev: 0.0641 +/- 0.0010	Std Dev: 0.0711 +/- 0.0008	Std Dev: 0.0642 +/- 0.0004

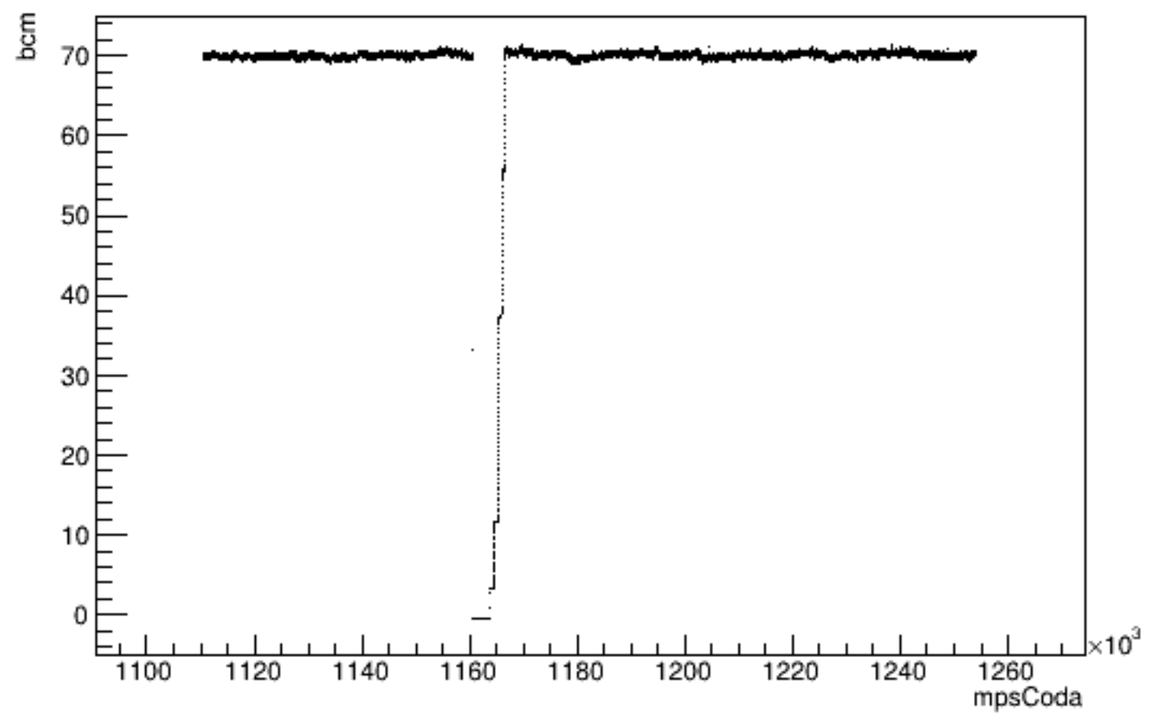





laserState:mpsCoda {mpsCoda>=1110623 && mpsCoda<=1253822}
laserState
mpsCoda
×10^3


beamState + 1:mpsCoda {mpsCoda>=1110623 && mpsCoda<=1253822}
beamState + 1
mpsCoda
×10^3


cavPowerCalibrated:mpsCoda {mpsCoda>=1110623 && mpsCoda<=1253822}
cavPowerCalibrated
mpsCoda
×10^3


bcm:mpsCoda {mpsCoda>=1110623 && mpsCoda<=1253822}
bcm
mpsCoda
×10^3