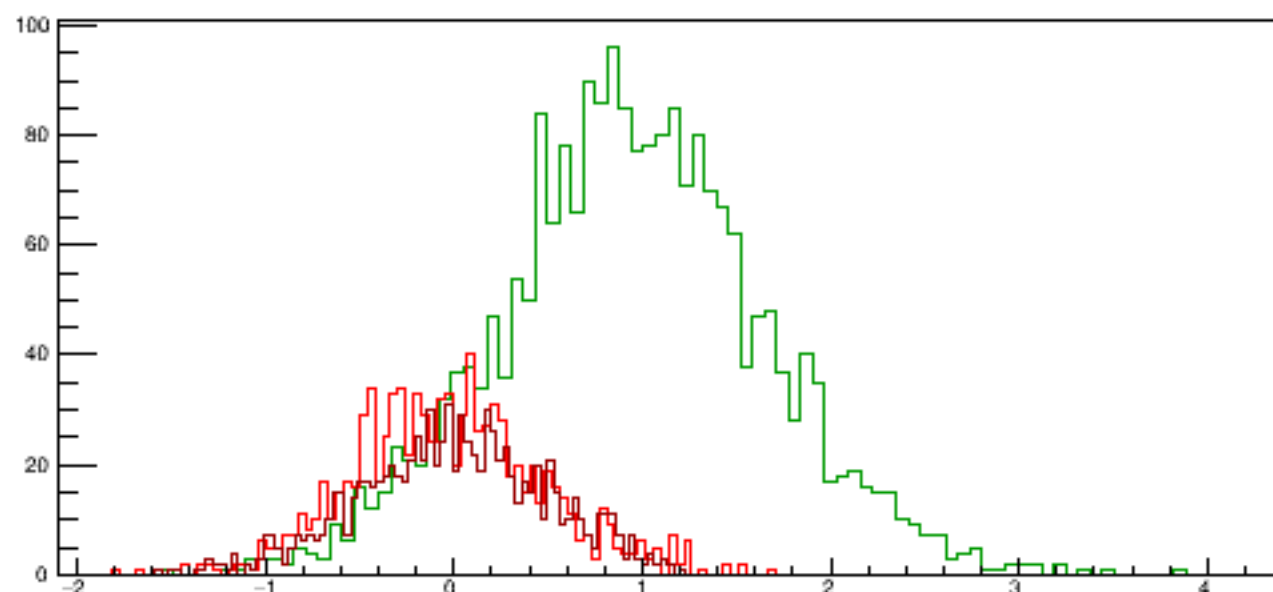


Cycle 1, Diffs

Entries: 926	Entries: 2250	Entries: 919
Mean: -0.0281 +/- 0.0168	Mean: 0.9374 +/- 0.0150	Mean: -0.0050 +/- 0.0166
Std Dev: 0.5123 +/- 0.0119	Std Dev: 0.7107 +/- 0.0106	Std Dev: 0.5022 +/- 0.0117

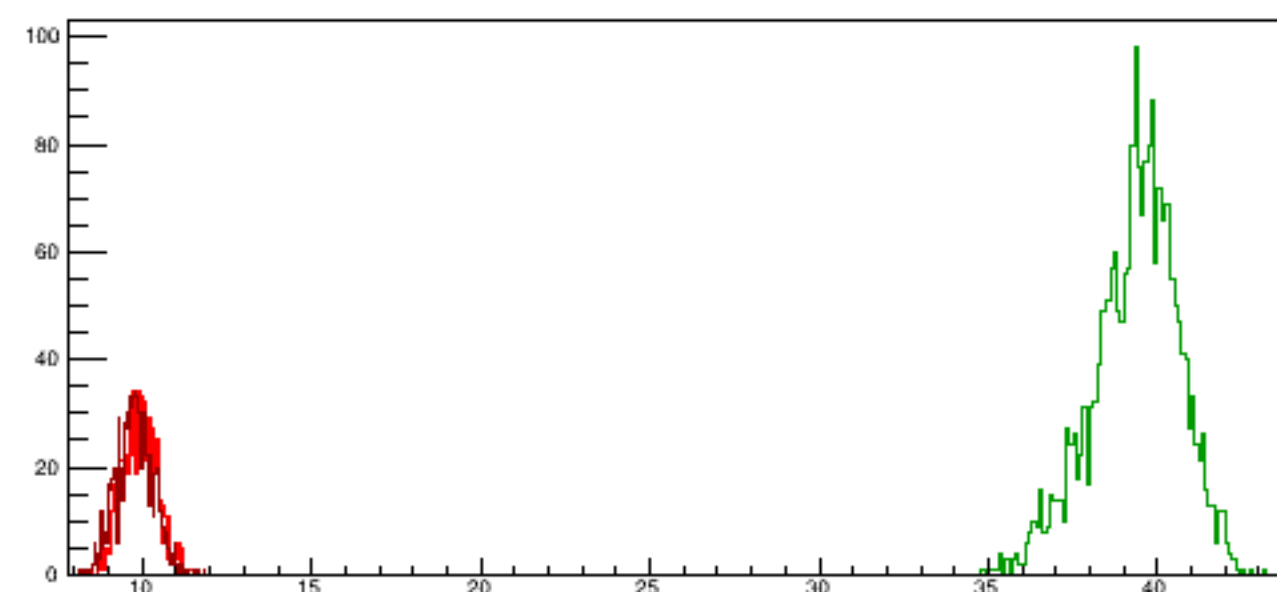
Run 4981 quartetwise, Diffs



Cycle 1, Sums

Entries: 926	Entries: 2250	Entries: 919
Mean: 9.9201 +/- 0.0175	Mean: 39.3587 +/- 0.0270	Mean: 9.7716 +/- 0.0179
Std Dev: 0.5319 +/- 0.0124	Std Dev: 1.2786 +/- 0.0191	Std Dev: 0.5423 +/- 0.0126

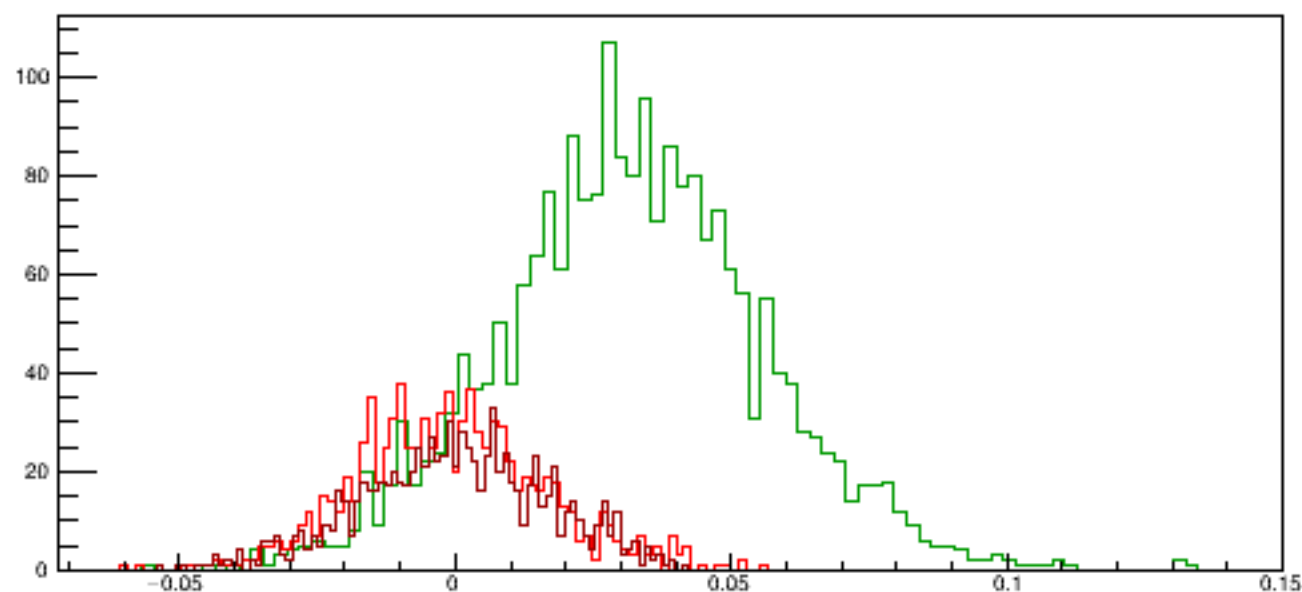
Run 4981 quartetwise, Sums



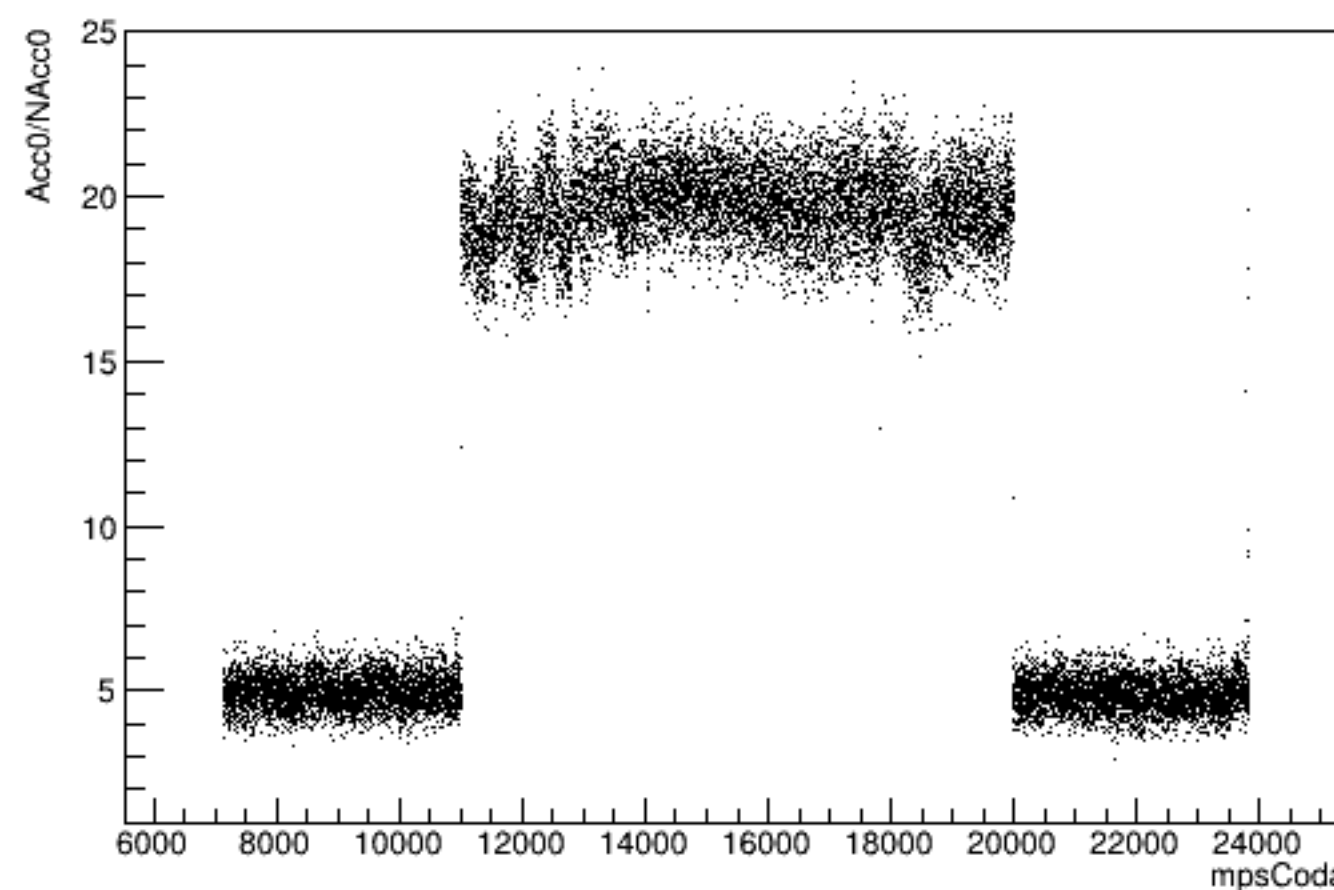
Cycle 1, Asyms

Entries: 926	Entries: 2250	Entries: 919
Mean: -0.0010 +/- 0.0006	Mean: 0.0318 +/- 0.0005	Mean: -0.0002 +/- 0.0006
Std Dev: 0.0174 +/- 0.0004	Std Dev: 0.0242 +/- 0.0004	Std Dev: 0.0170 +/- 0.0004

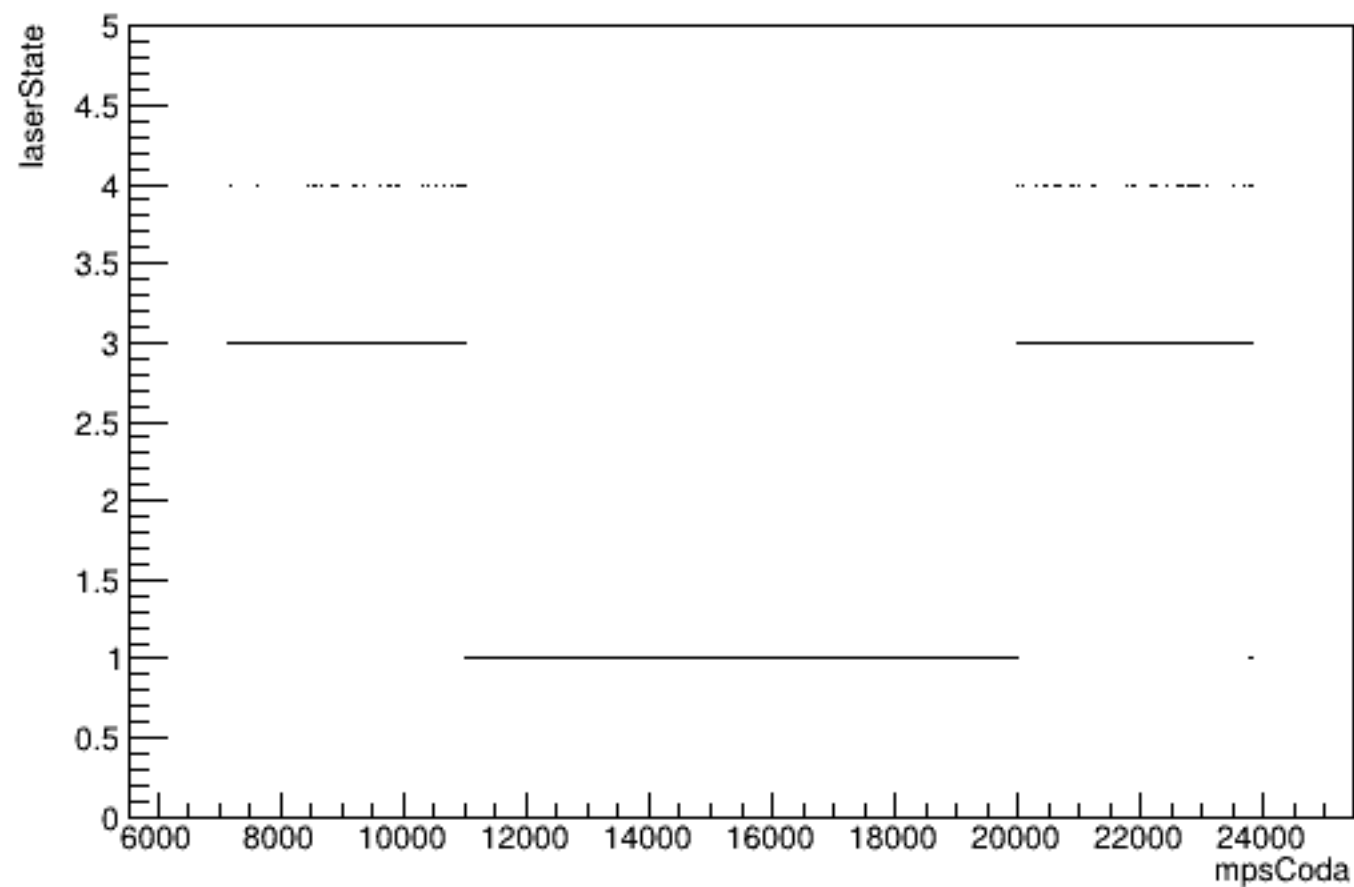
Run 4981 quartetwise, Asyms



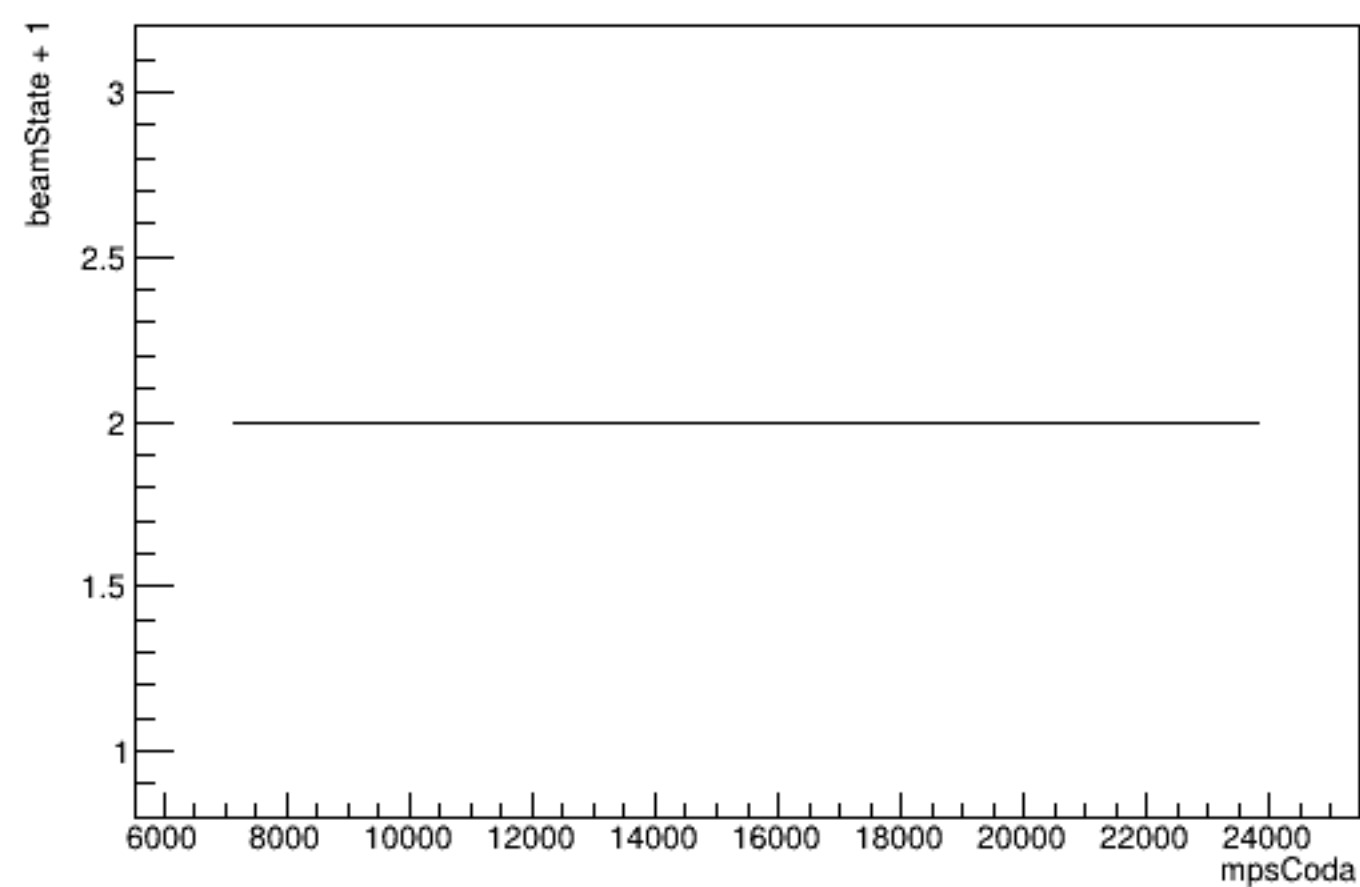
Acc0/NAcc0:mpsCoda {mpsCoda>=7129 && mpsCoda<=23840 && beamState==1}



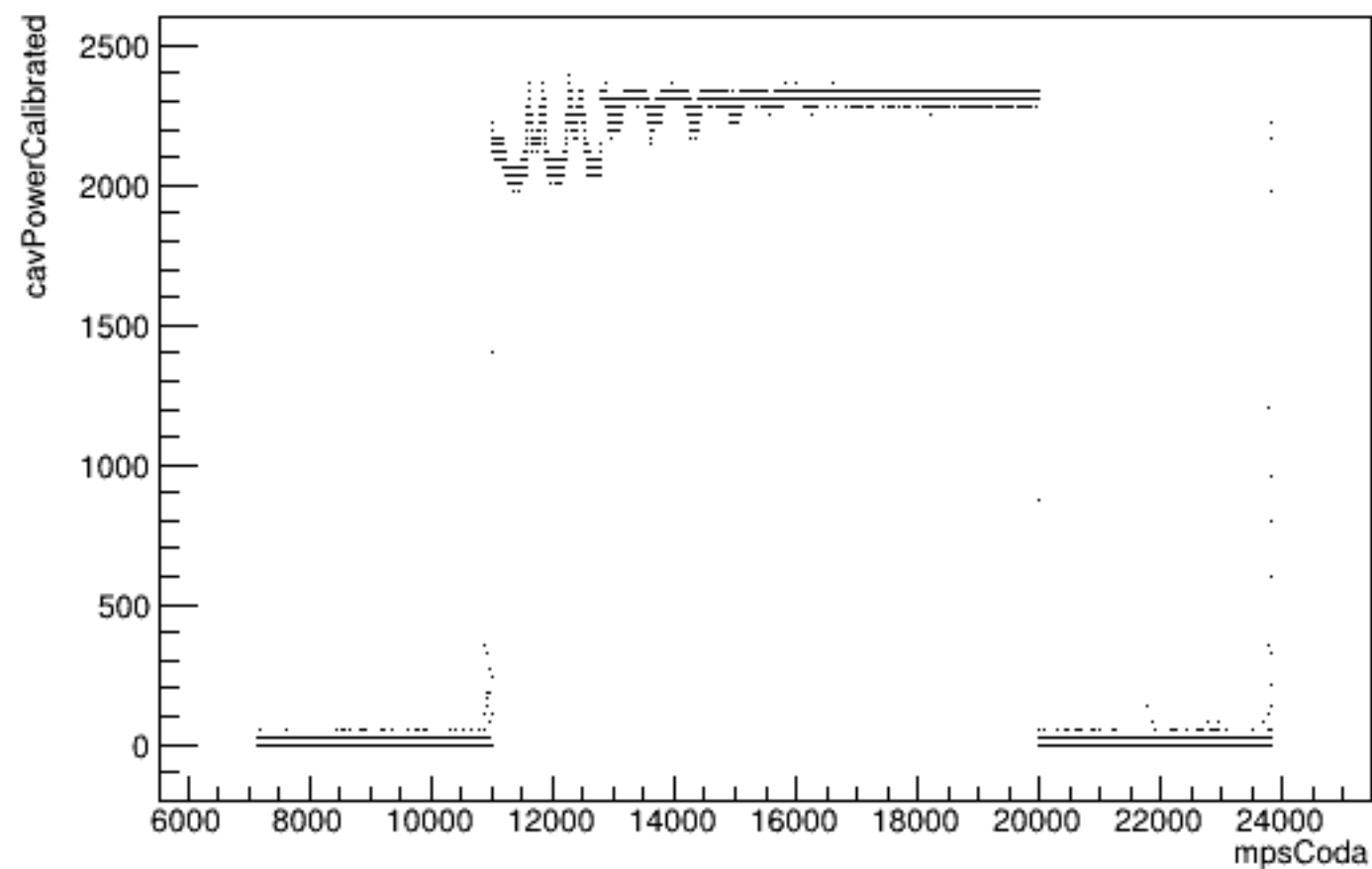
laserState:mpsCoda {mpsCoda>=7129 && mpsCoda<=23840}



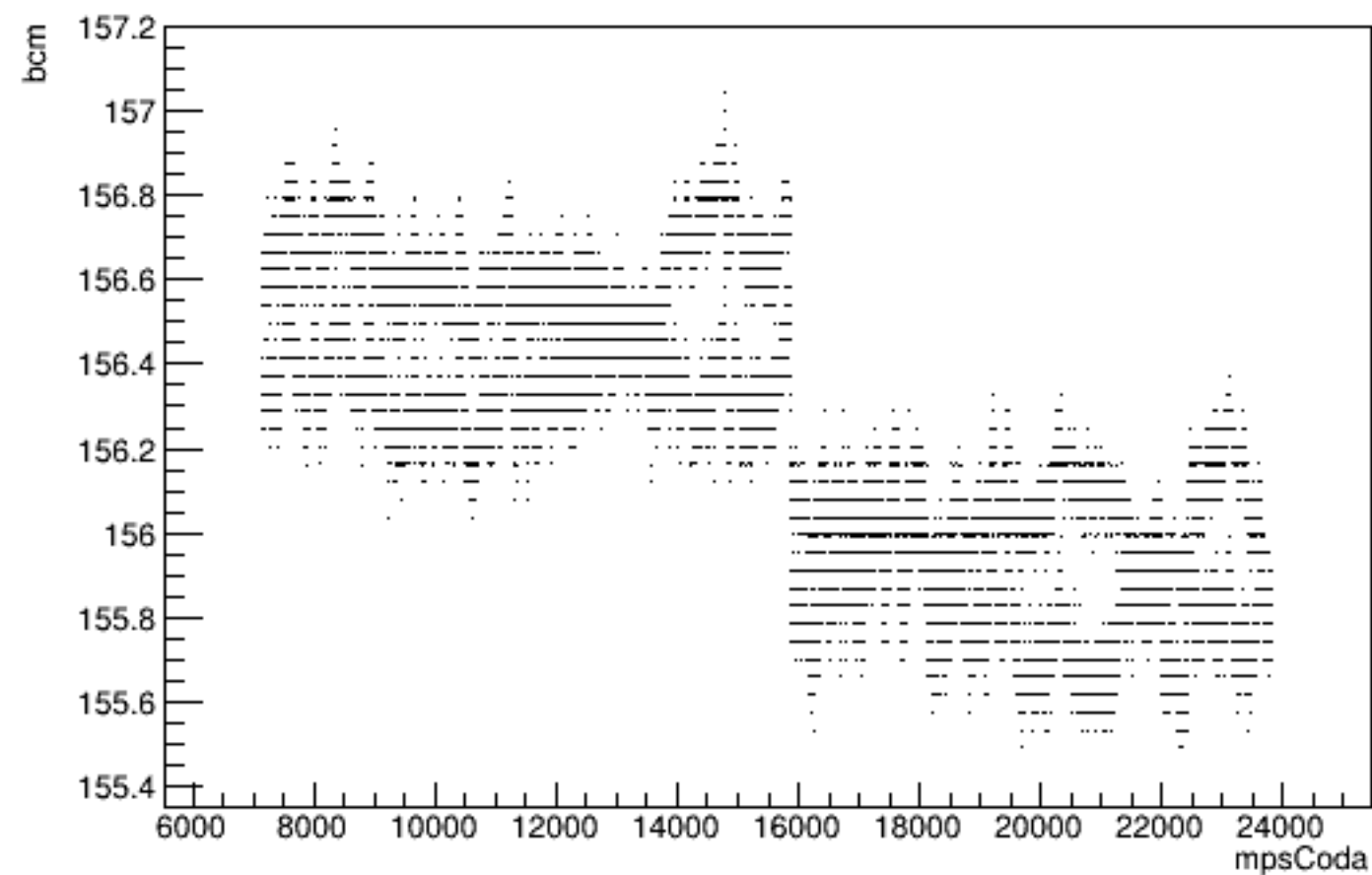
beamState + 1:mpsCoda {mpsCoda>=7129 && mpsCoda<=23840}



cavPowerCalibrated:mpsCoda {mpsCoda>=7129 && mpsCoda<=23840}



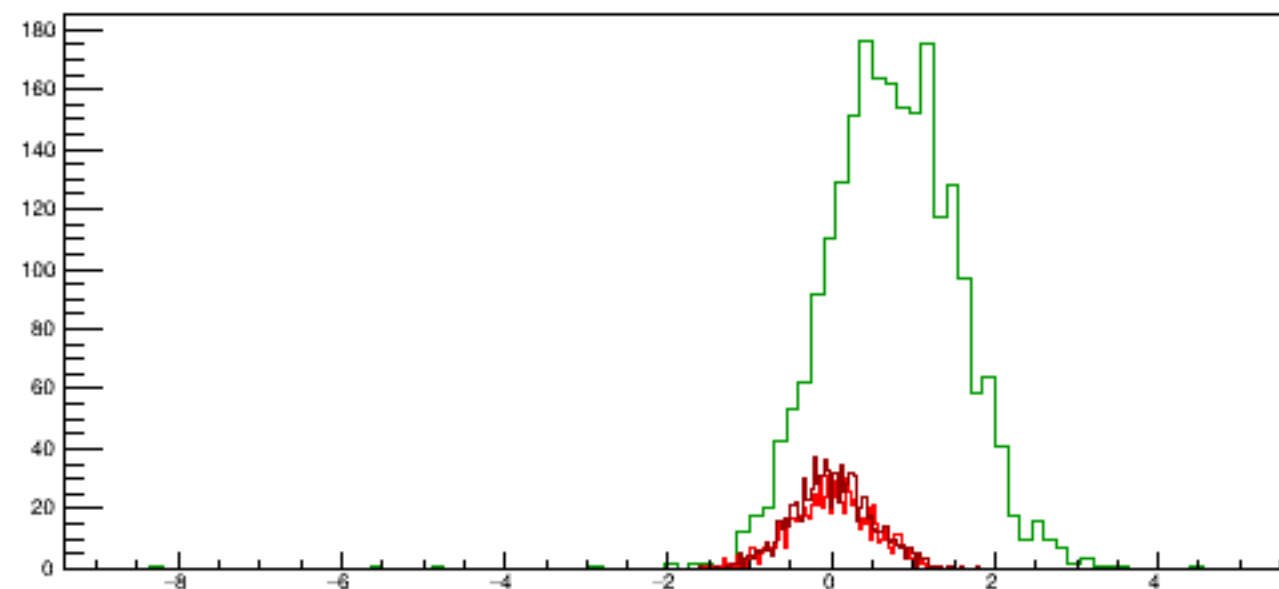
bcm:mpsCoda {mpsCoda>=7129 && mpsCoda<=23840}



Cycle 2, Diffs

Entries: 919	Entries: 2261	Entries: 911
Mean: -0.0050 +/- 0.0166	Mean: 0.7360 +/- 0.0173	Mean: 0.0088 +/- 0.0162
Std Dev: 0.5022 +/- 0.0117	Std Dev: 0.8203 +/- 0.0122	Std Dev: 0.4891 +/- 0.0115

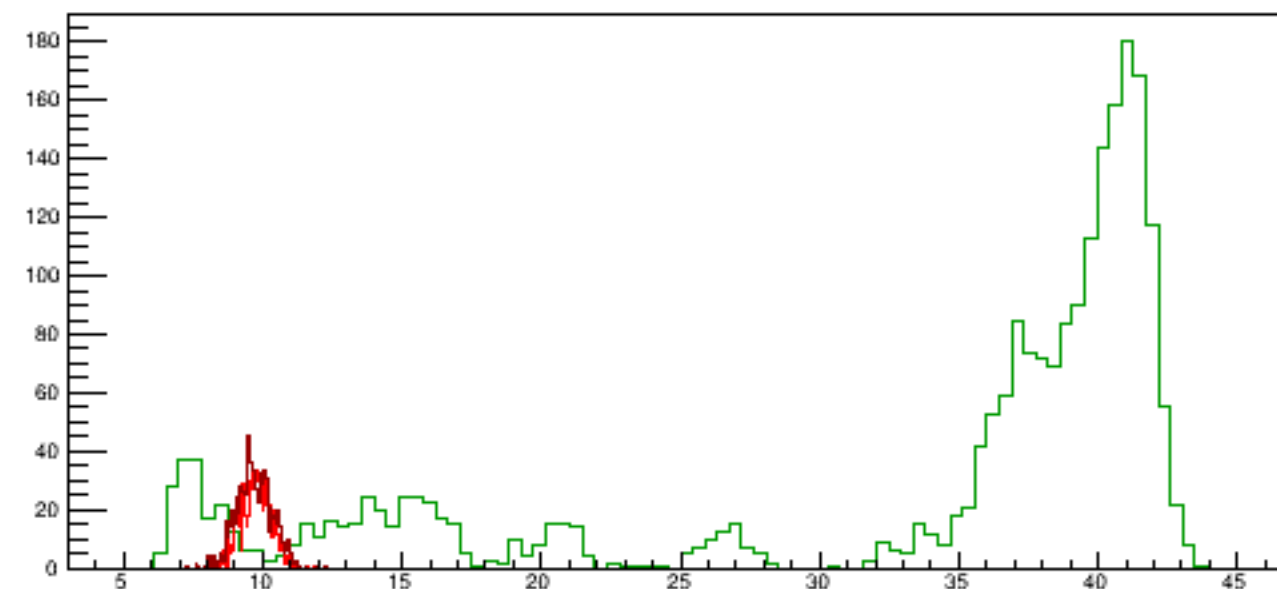
Run 4981 quartetwise, Diffs



Cycle 2, Sums

Entries: 919	Entries: 2261	Entries: 911
Mean: 9.7716 +/- 0.0179	Mean: 33.1589 +/- 0.2391	Mean: 9.7026 +/- 0.0215
Std Dev: 0.5423 +/- 0.0126	Std Dev: 11.3677 +/- 0.1690	Std Dev: 0.6490 +/- 0.0152

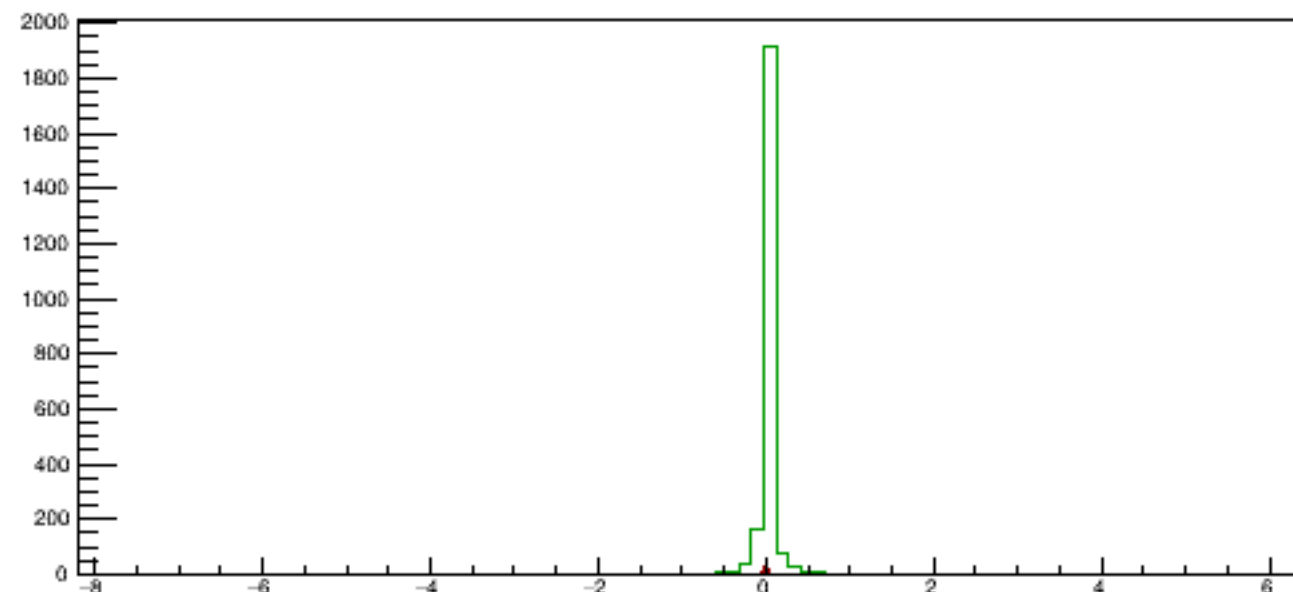
Run 4981 quartetwise, Sums



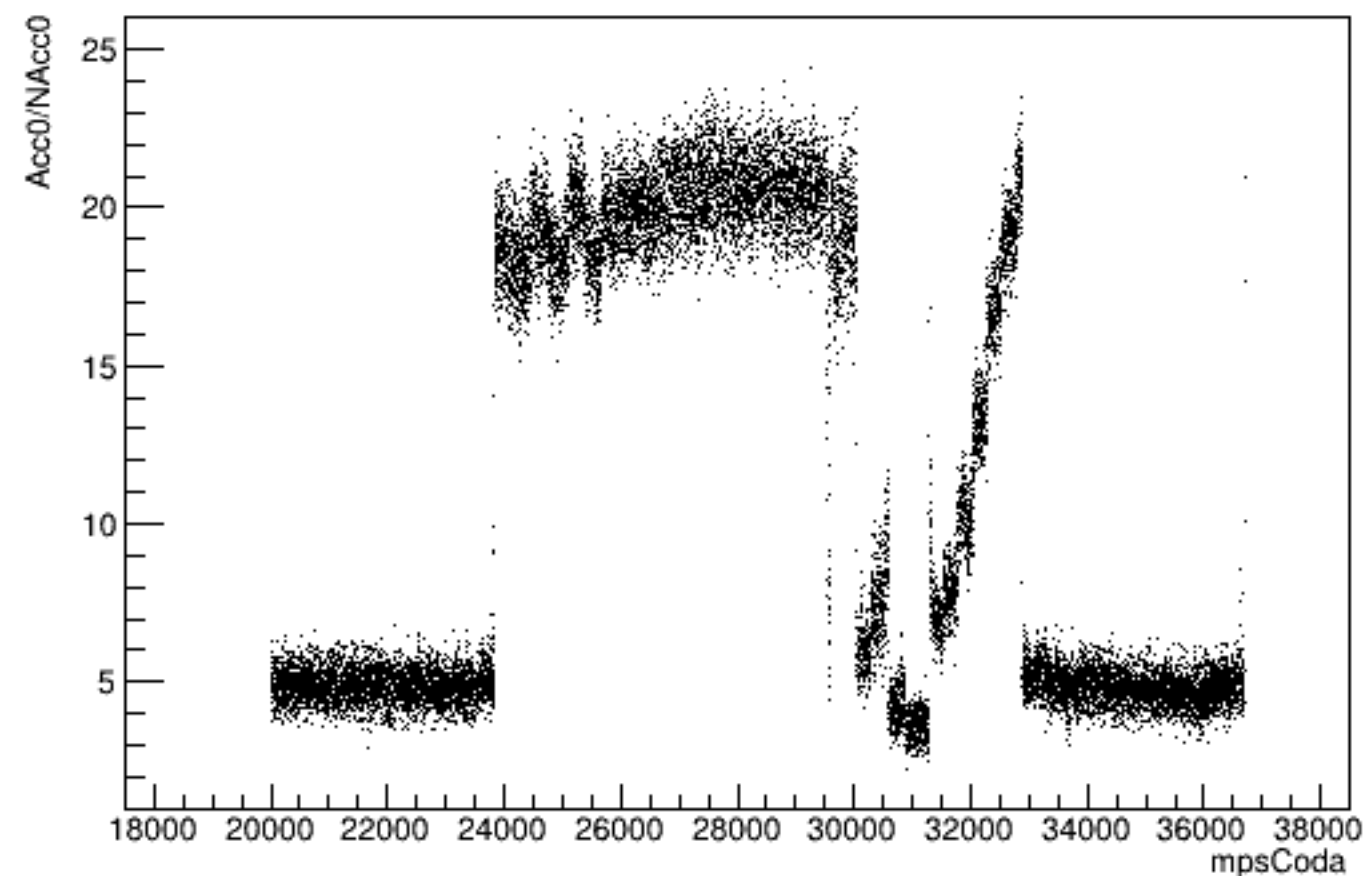
Cycle 2, Asyms

Entries: 919	Entries: 2261	Entries: 911
Mean: -0.0002 +/- 0.0007	Mean: 0.0263 +/- 0.0051	Mean: 0.0004 +/- 0.0007
Std Dev: 0.0214 +/- 0.0005	Std Dev: 0.2440 +/- 0.0036	Std Dev: 0.0209 +/- 0.0005

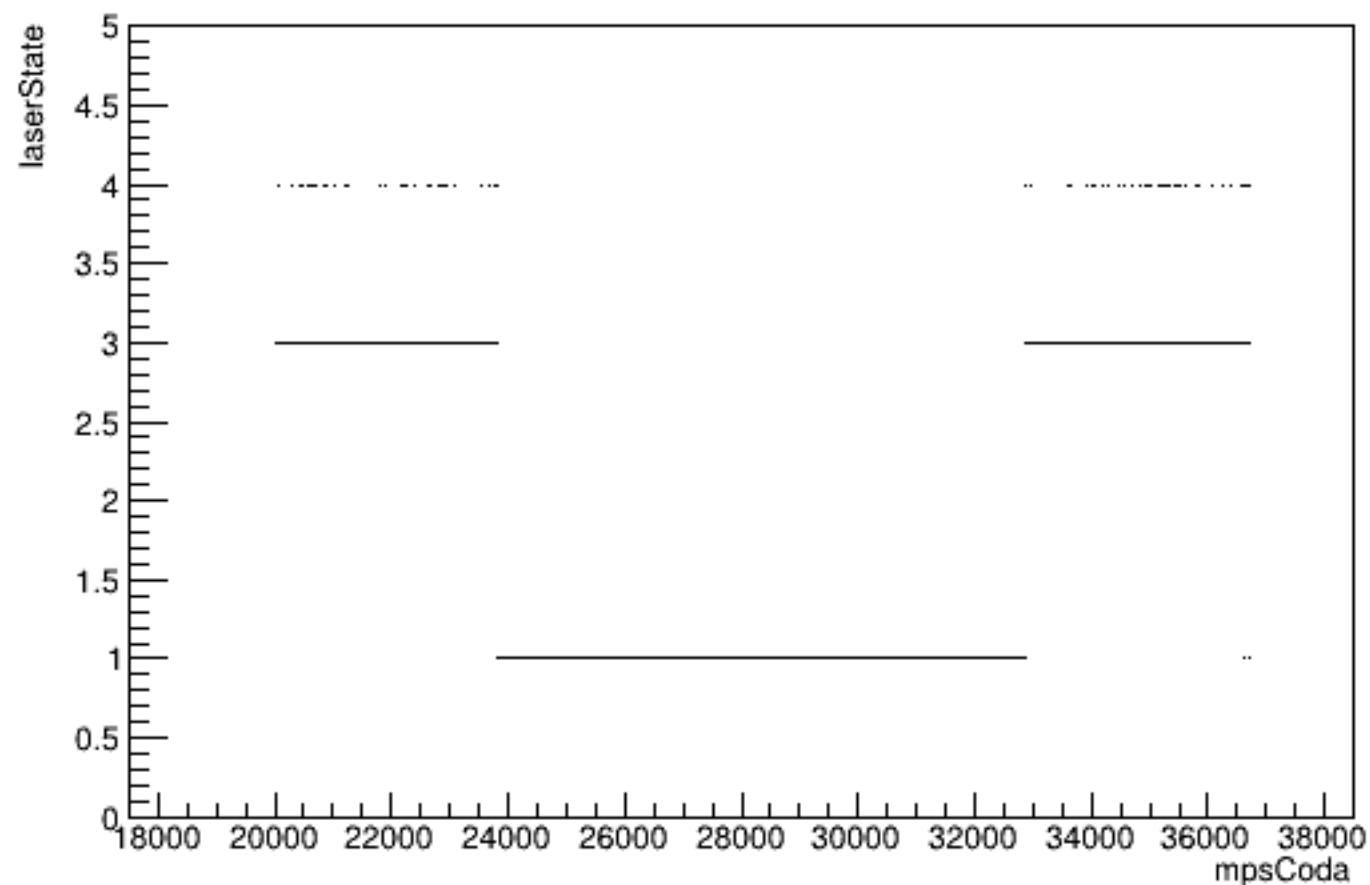
Run 4981 quartetwise, Asyms



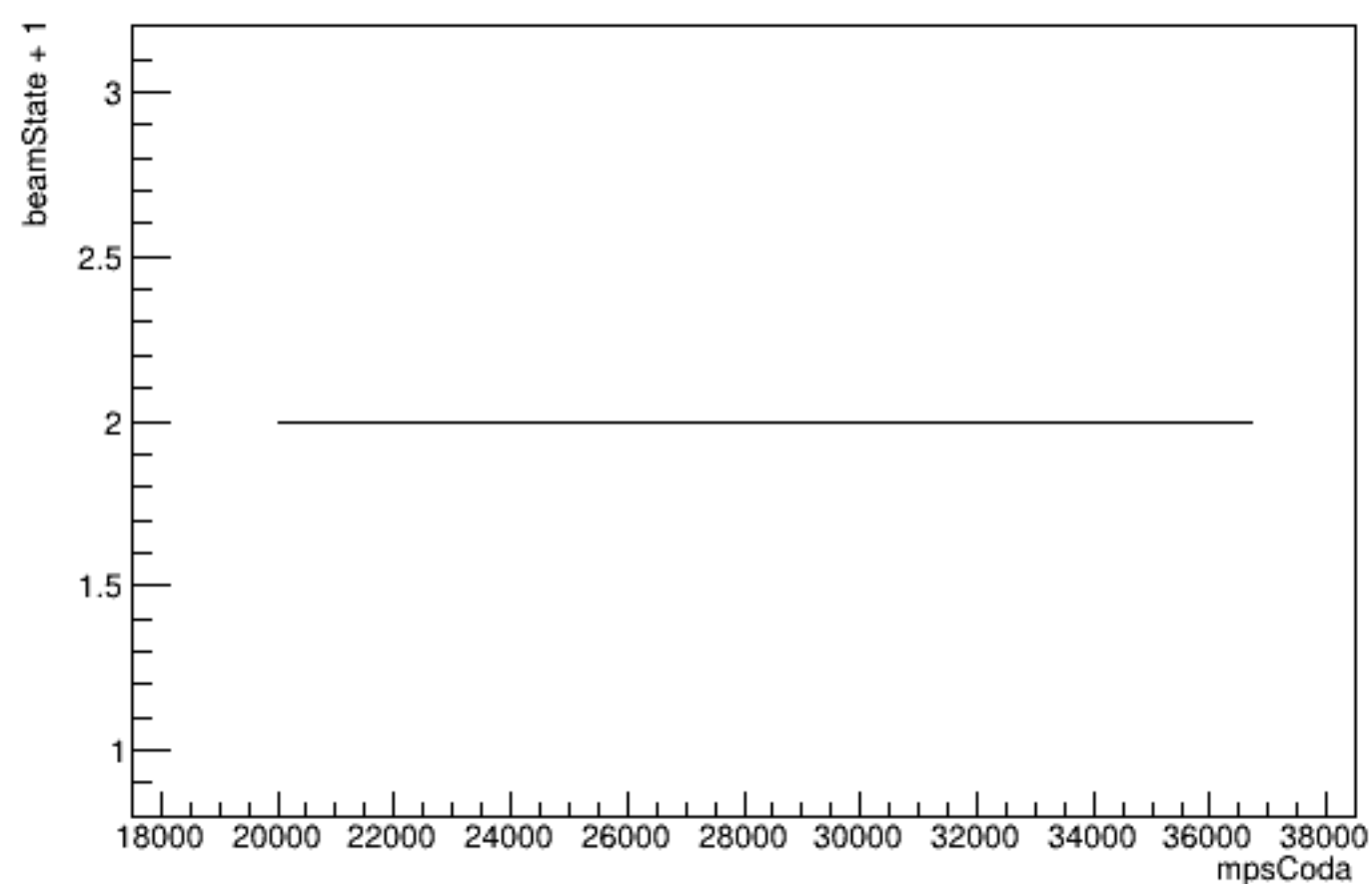
Acc0/NAcc0:mpsCoda {mpsCoda>=20005 && mpsCoda<=36692 && beamState==1}



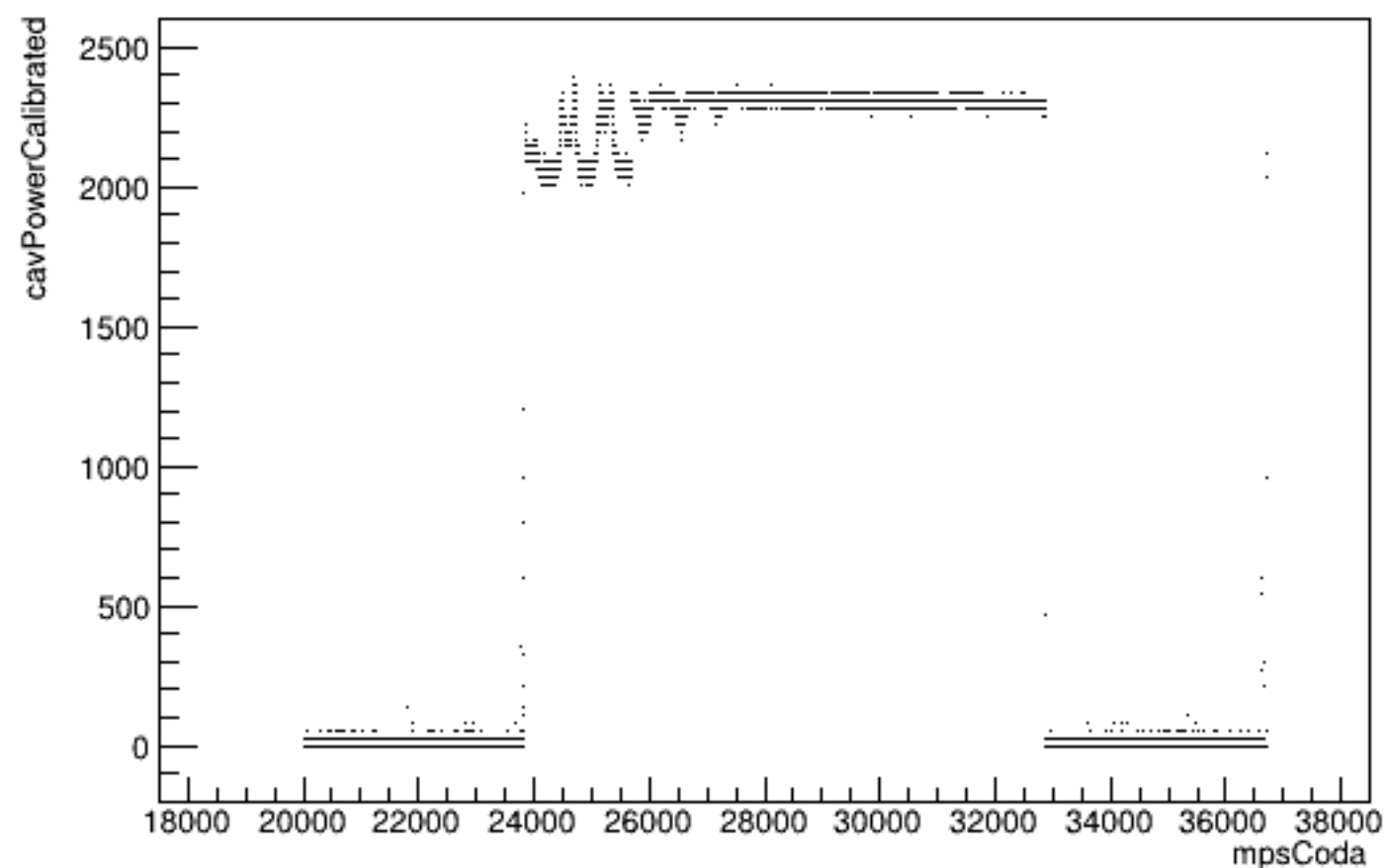
laserState:mpsCoda {mpsCoda>=20005 && mpsCoda<=36692}



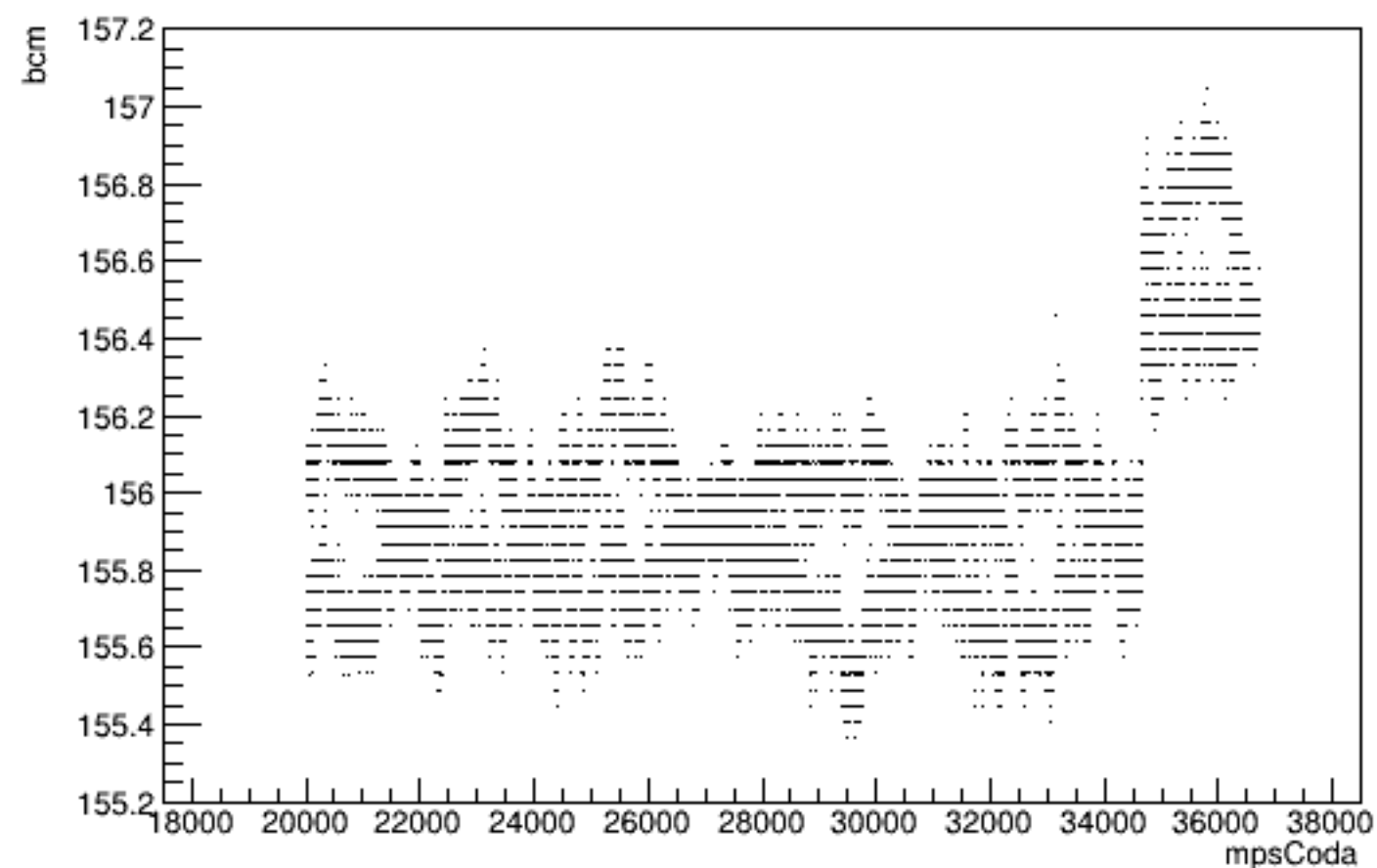
beamState + 1:mpsCoda {mpsCoda>=20005 && mpsCoda<=36692}



cavPowerCalibrated:mpsCoda {mpsCoda>=20005 && mpsCoda<=36692}



bcm:mpsCoda {mpsCoda>=20005 && mpsCoda<=36692}



Cycle 3, Diffs

Entries: 911

Mean: 0.0088 +/- 0.0162

Std Dev: 0.4891 +/- 0.0115

Entries: 1148

Mean: 0.6247 +/- 0.0248

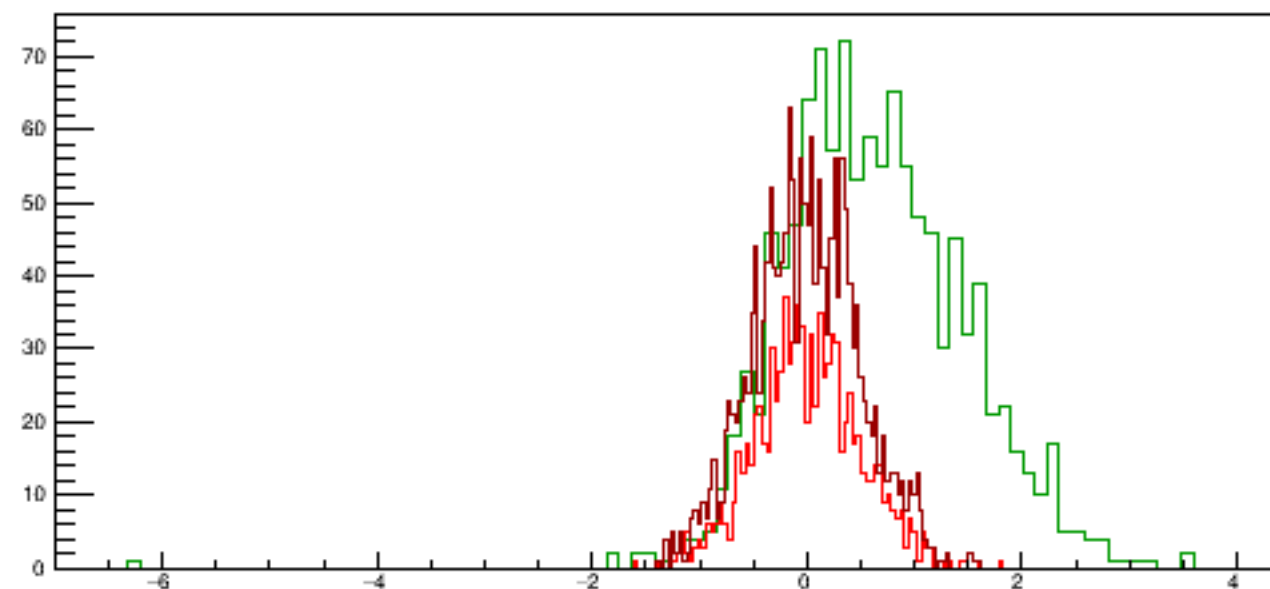
Std Dev: 0.8393 +/- 0.0175

Entries: 1796

Mean: -0.0080 +/- 0.0116

Std Dev: 0.4912 +/- 0.0082

Run 4981 quartetwise, Diffs



Cycle 3, Sums

Entries: 911

Mean: 9.7026 +/- 0.0215

Std Dev: 0.6490 +/- 0.0152

Entries: 1148

Mean: 29.2254 +/- 0.3875

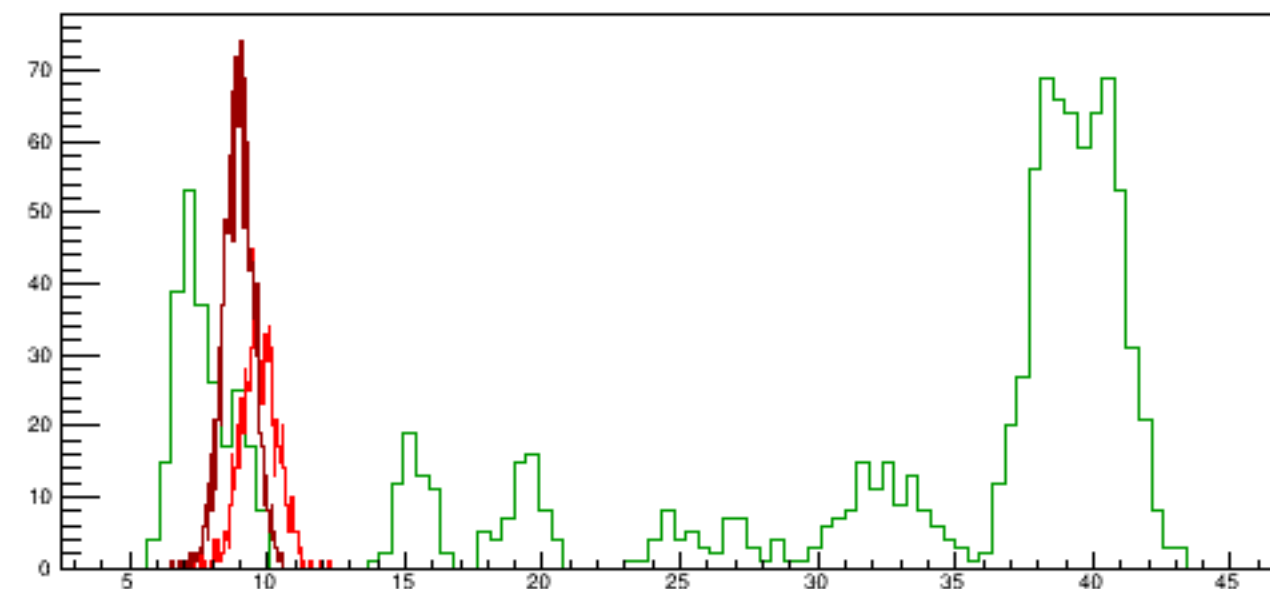
Std Dev: 13.1287 +/- 0.2740

Entries: 1796

Mean: 8.9381 +/- 0.0129

Std Dev: 0.5472 +/- 0.0091

Run 4981 quartetwise, Sums



Cycle 3, Asyms

Entries: 911

Mean: 0.0004 +/- 0.0008

Std Dev: 0.0246 +/- 0.0006

Entries: 1148

Mean: 0.0080 +/- 0.0452

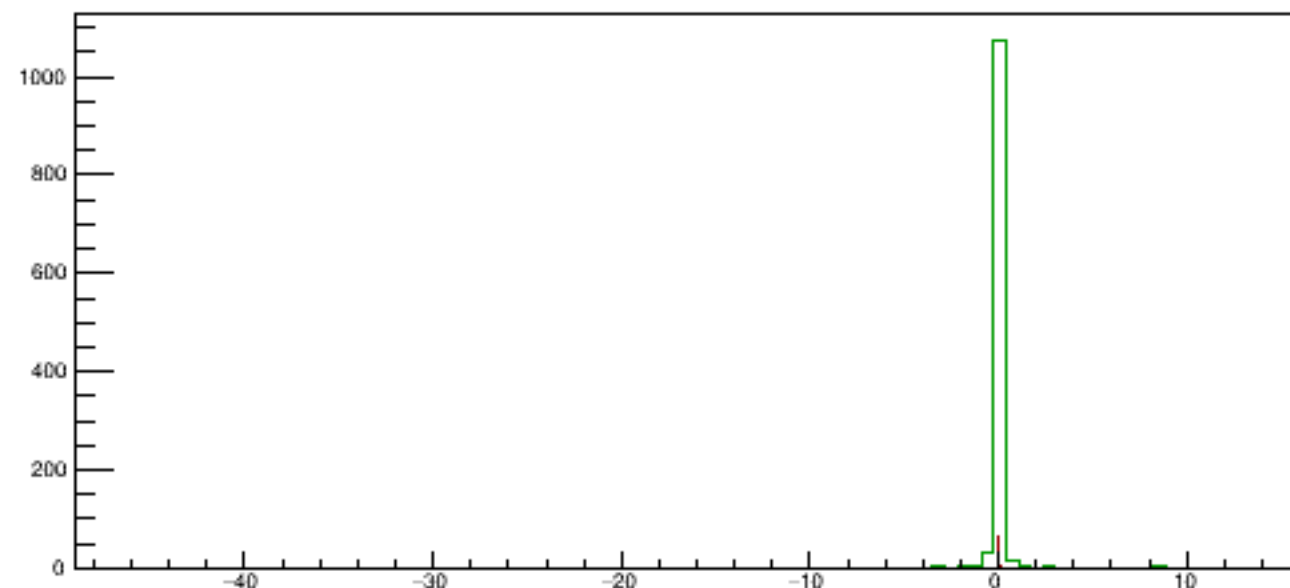
Std Dev: 1.5298 +/- 0.0319

Entries: 1796

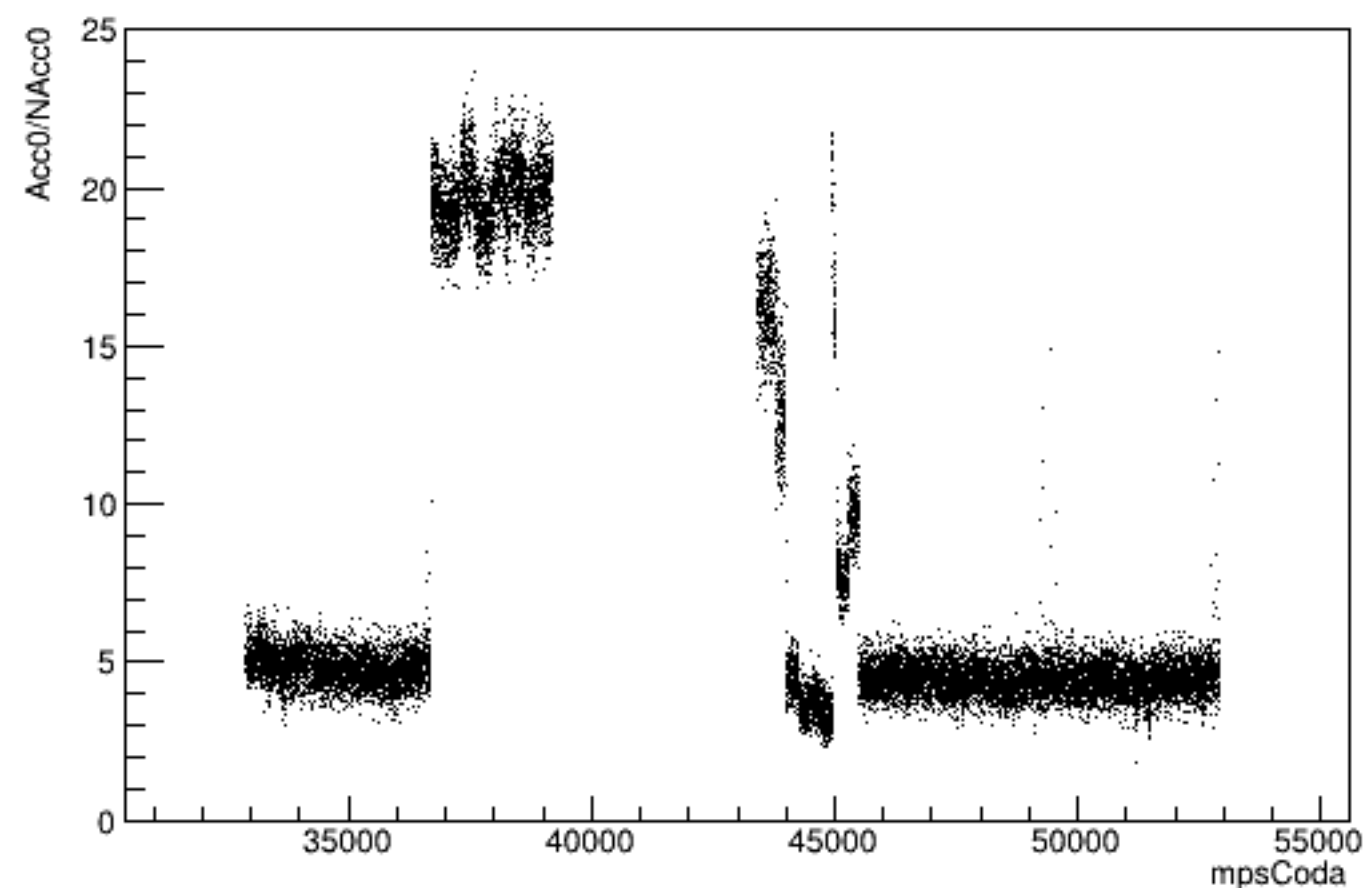
Mean: -0.0004 +/- 0.0006

Std Dev: 0.0247 +/- 0.0004

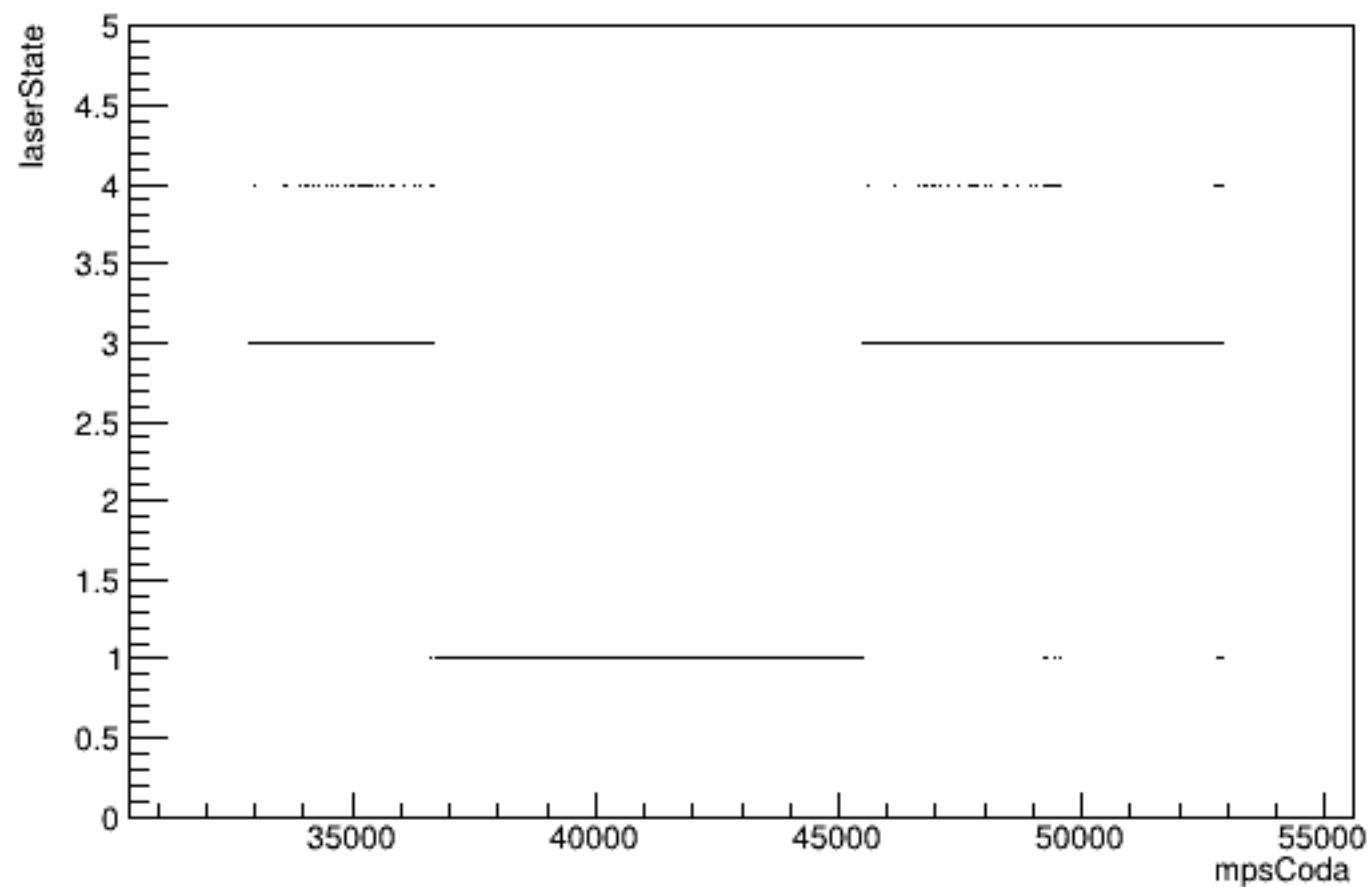
Run 4981 quartetwise, Asyms



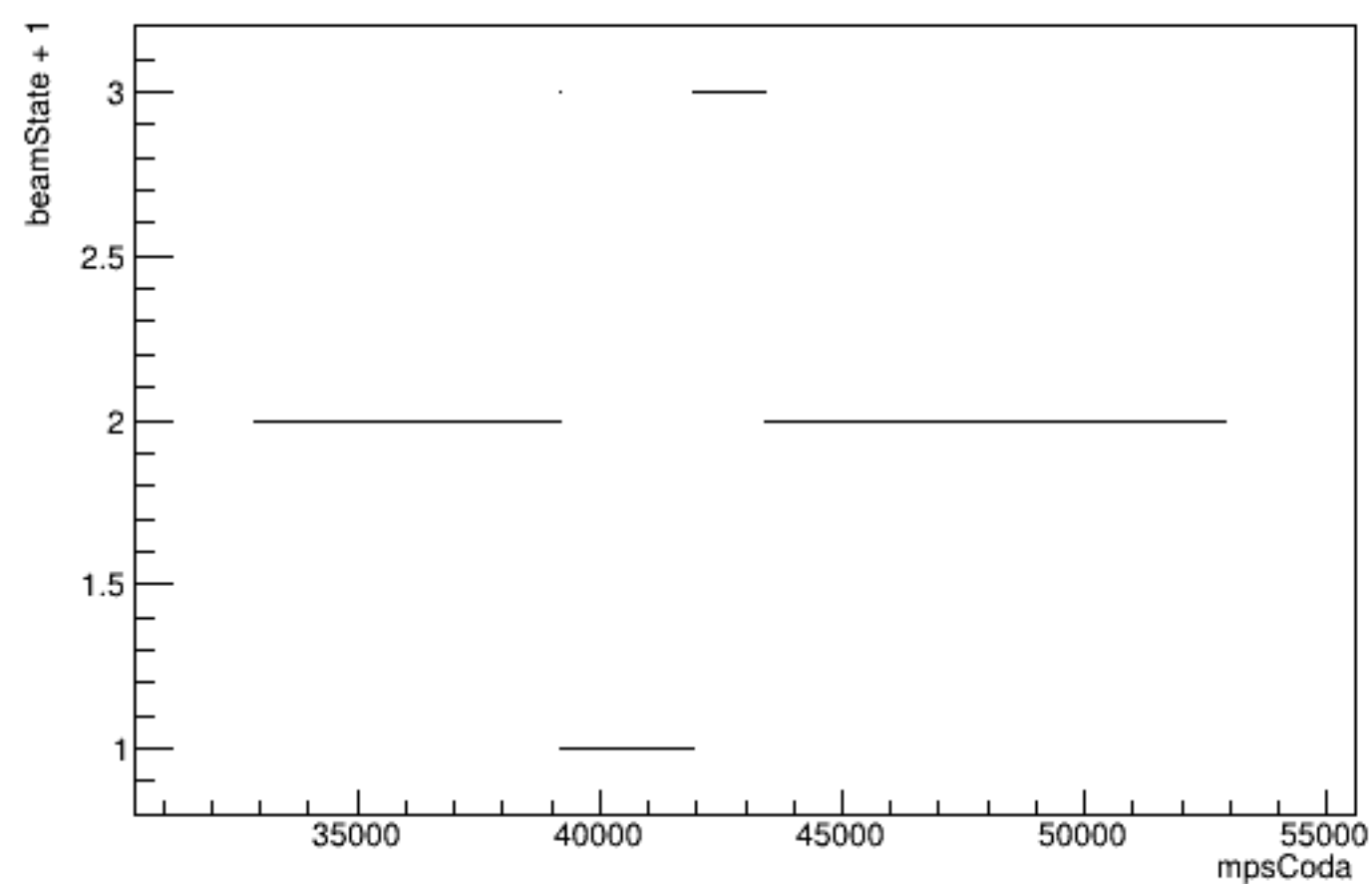
Acc0/NAcc0:mpsCoda {mpsCoda>=32889 && mpsCoda<=52924 && beamState==1}



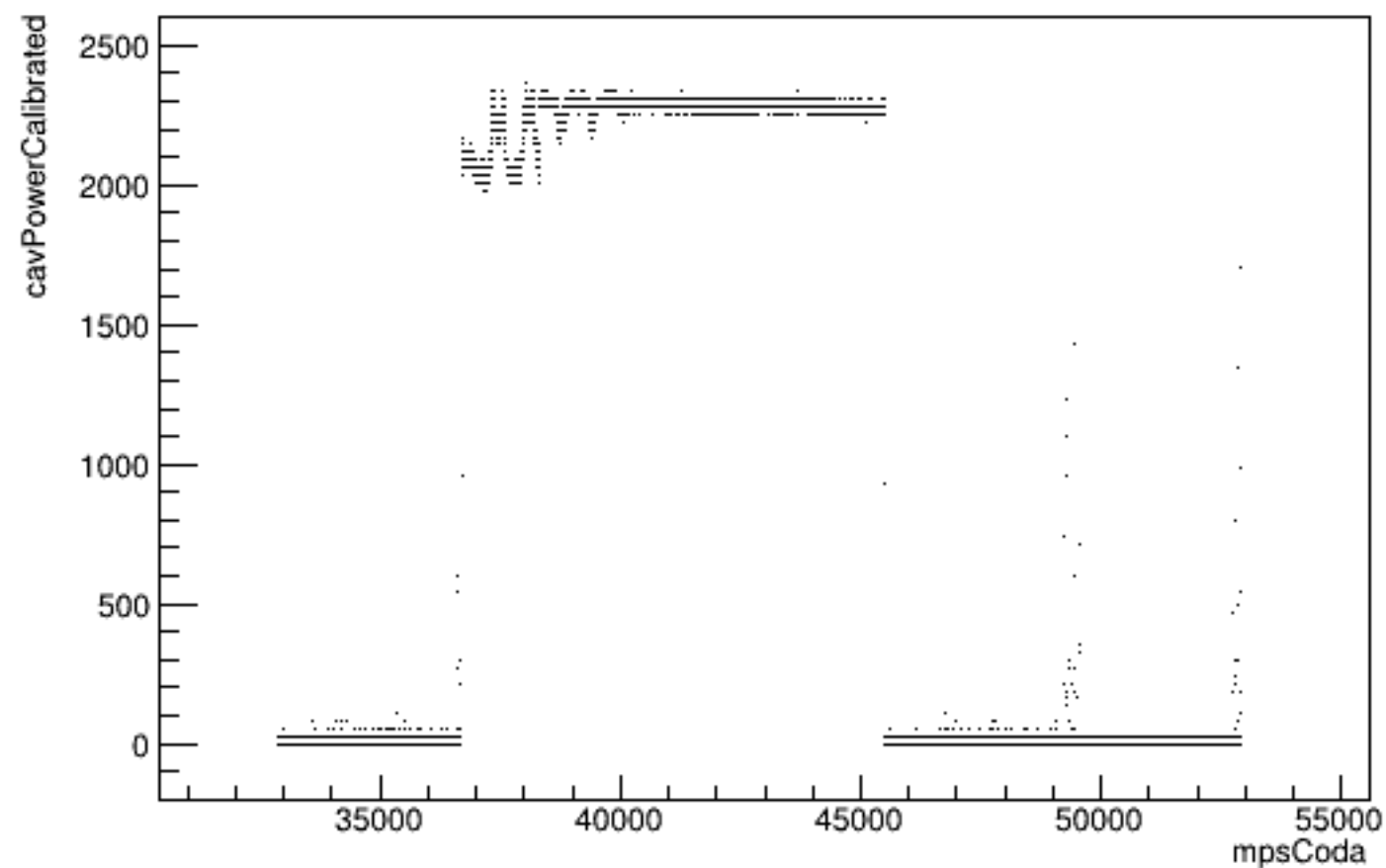
laserState:mpsCoda {mpsCoda>=32889 && mpsCoda<=52924}



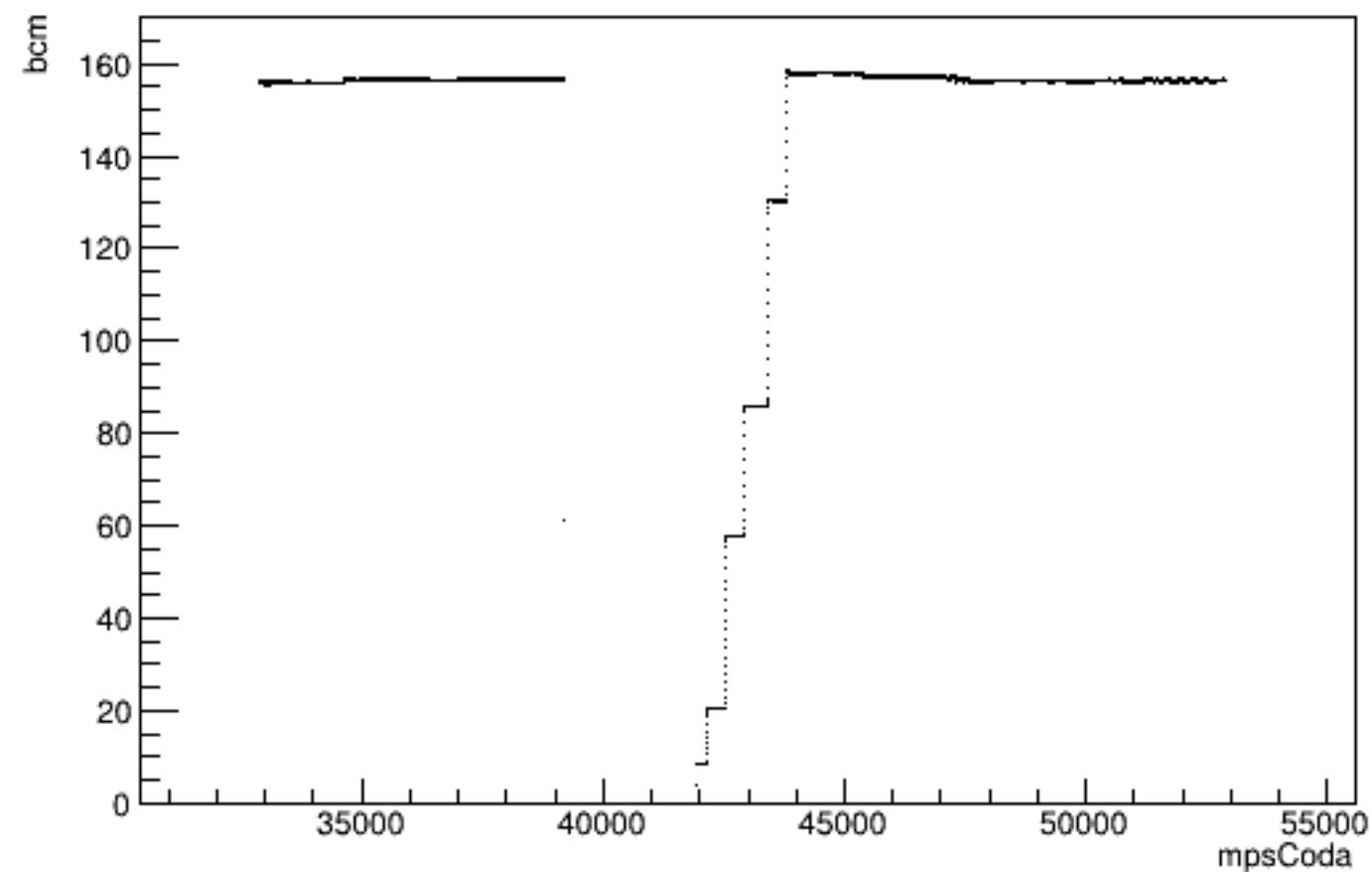
beamState + 1:mpsCoda {mpsCoda>=32889 && mpsCoda<=52924}



cavPowerCalibrated:mpsCoda {mpsCoda>=32889 && mpsCoda<=52924}



bcm:mpsCoda {mpsCoda>=32889 && mpsCoda<=52924}



Cycle 4, Diffs

Entries: 1796

Mean: -0.0080 +/- 0.0116

Std Dev: 0.4912 +/- 0.0082

Entries: 1206

Mean: 0.6490 +/- 0.0262

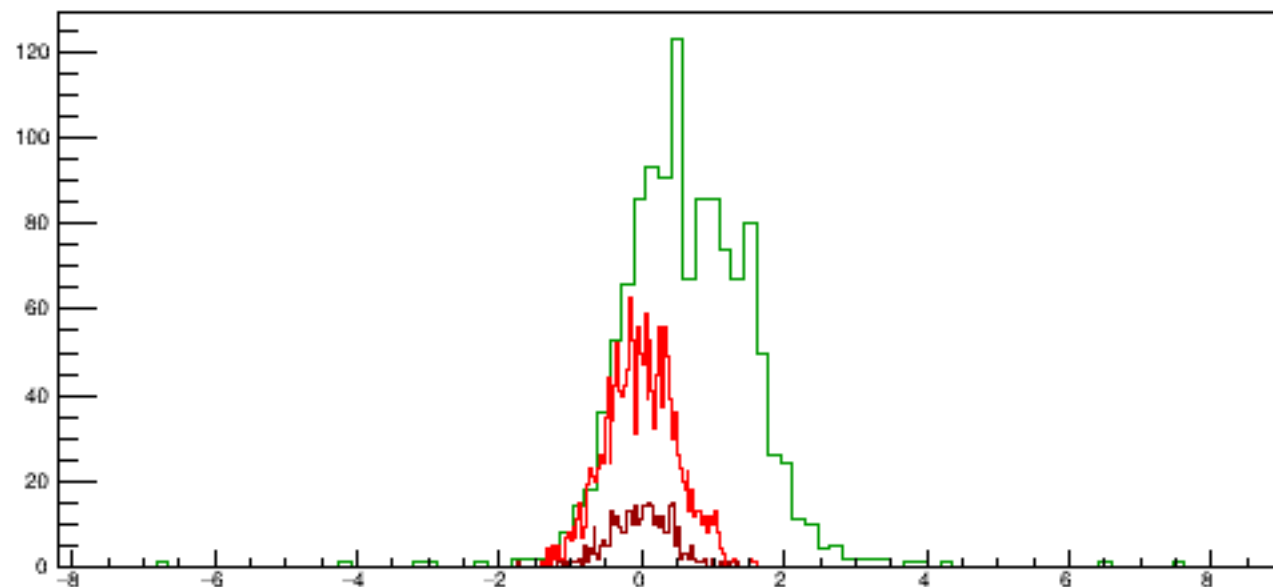
Std Dev: 0.9097 +/- 0.0185

Entries: 375

Mean: -0.0187 +/- 0.0220

Std Dev: 0.4270 +/- 0.0156

Run 4981 quartetwise, Diffs



Cycle 4, Sums

Entries: 1796

Mean: 8.9381 +/- 0.0129

Std Dev: 0.5472 +/- 0.0091

Entries: 1206

Mean: 28.2362 +/- 0.3573

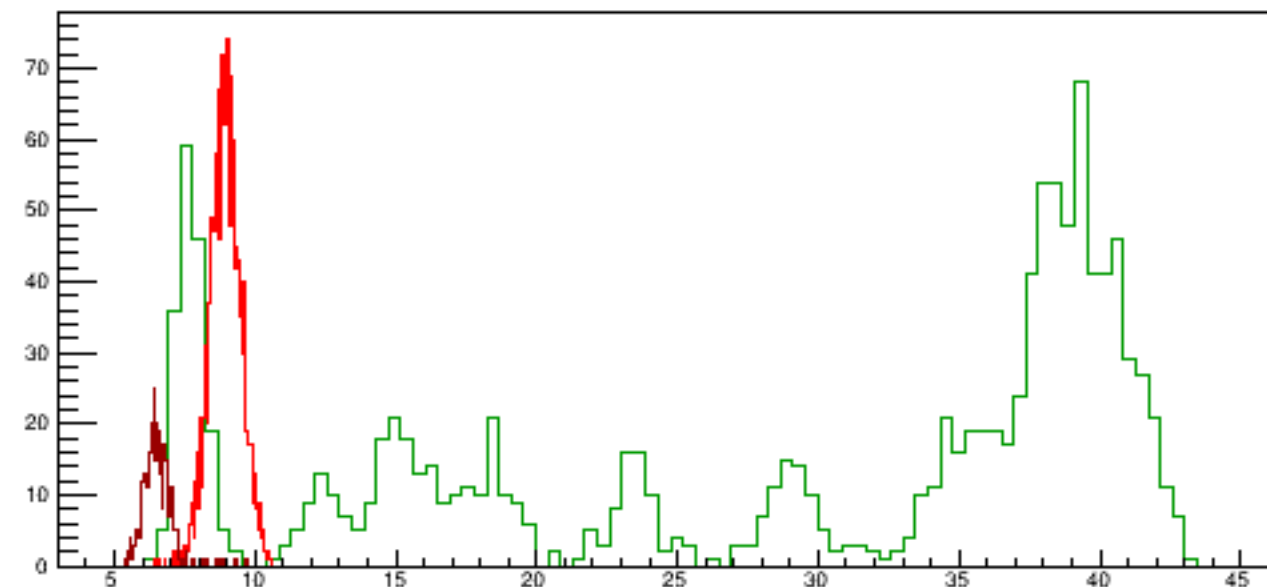
Std Dev: 12.4073 +/- 0.2526

Entries: 375

Mean: 6.5481 +/- 0.0292

Std Dev: 0.5660 +/- 0.0207

Run 4981 quartetwise, Sums



Cycle 4, Asyms

Entries: 1796

Mean: -0.0004 +/- 0.0006

Std Dev: 0.0240 +/- 0.0004

Entries: 1206

Mean: -0.1548 +/- 0.2480

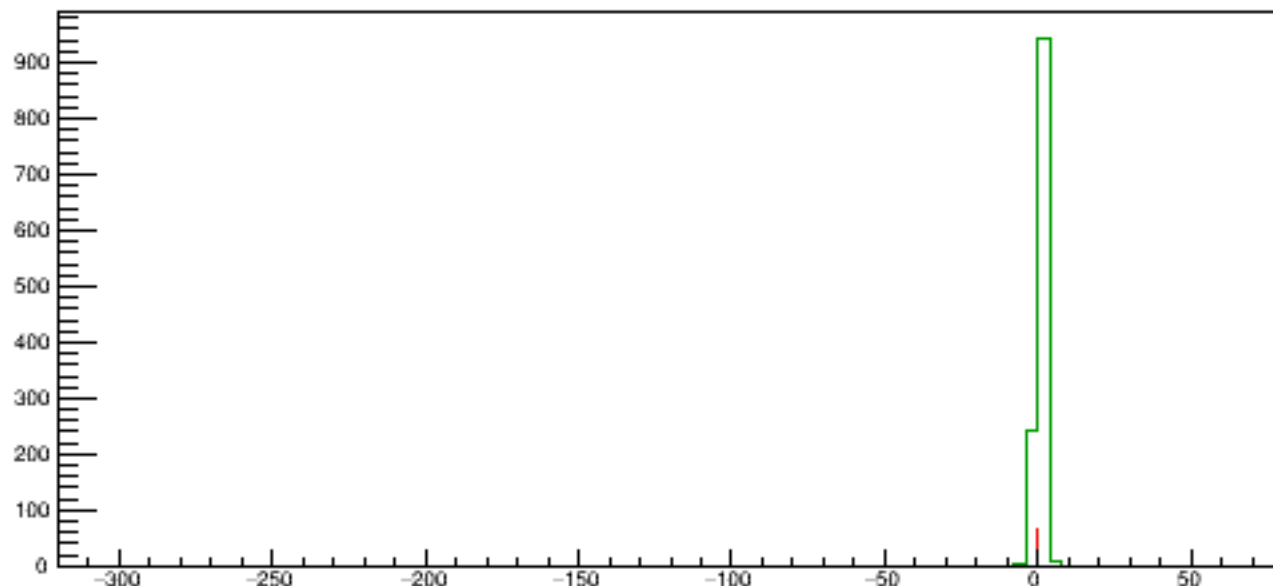
Std Dev: 8.6111 +/- 0.1753

Entries: 375

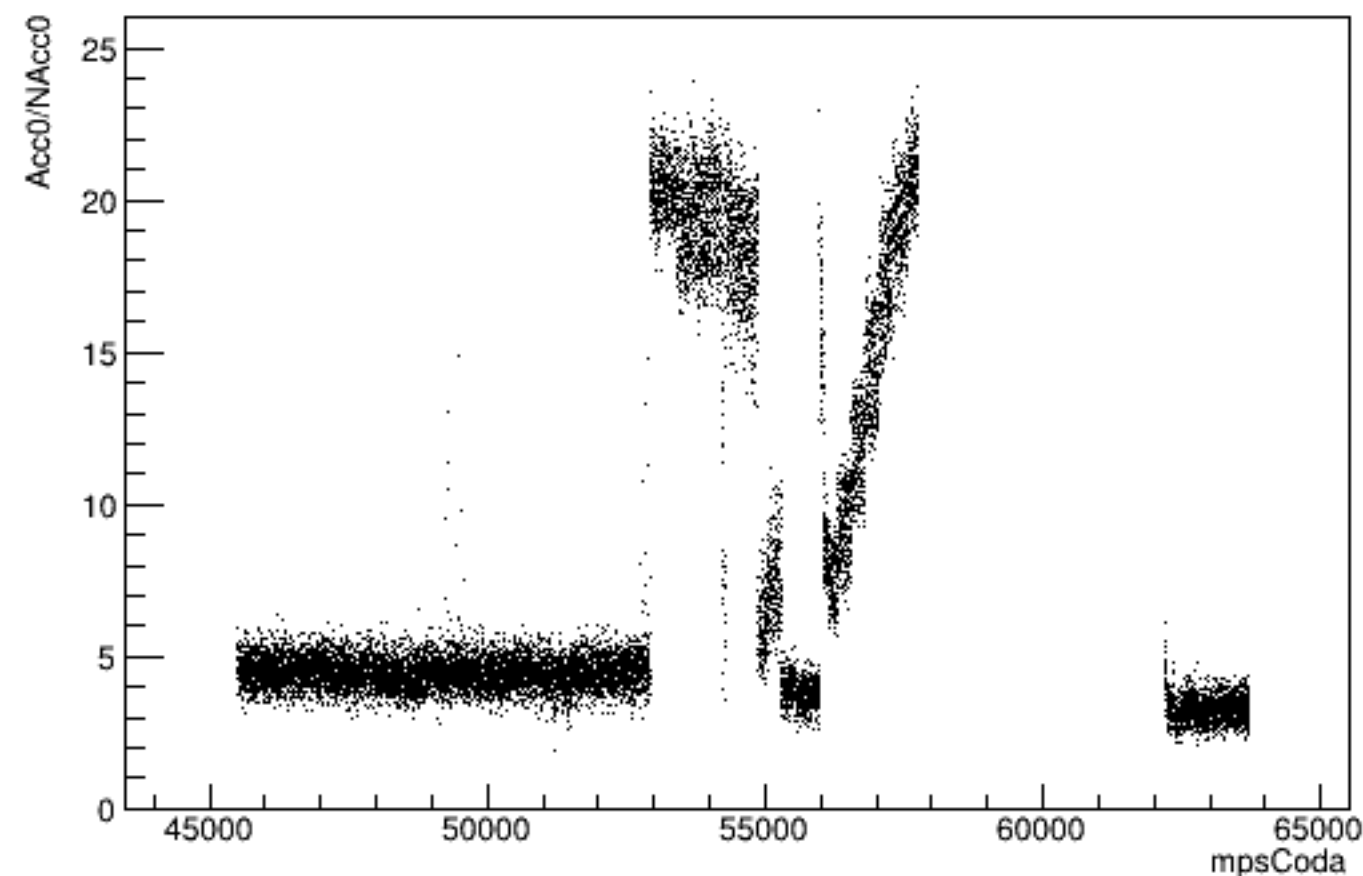
Mean: -0.0009 +/- 0.0011

Std Dev: 0.0208 +/- 0.0008

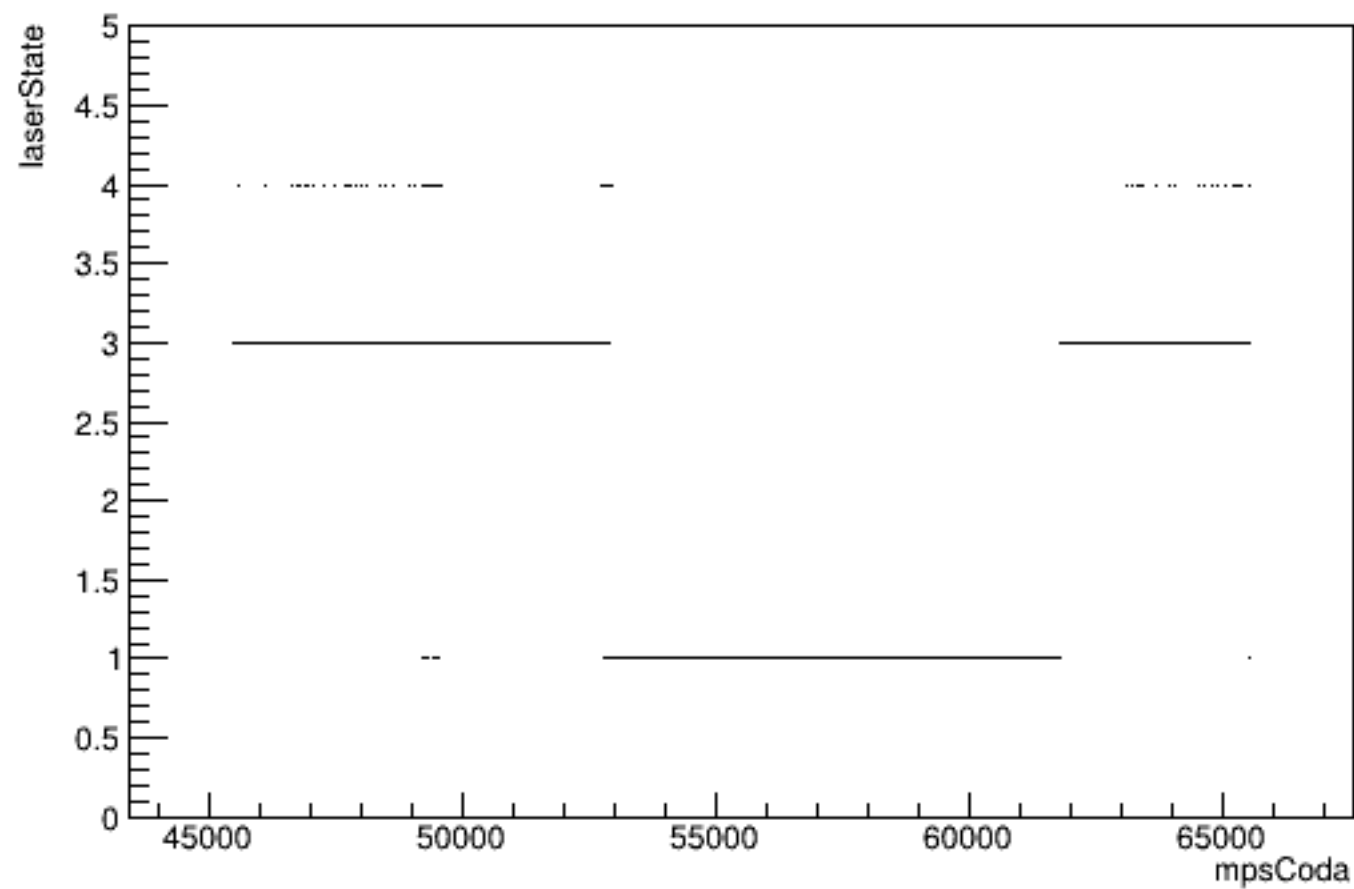
Run 4981 quartetwise, Asyms



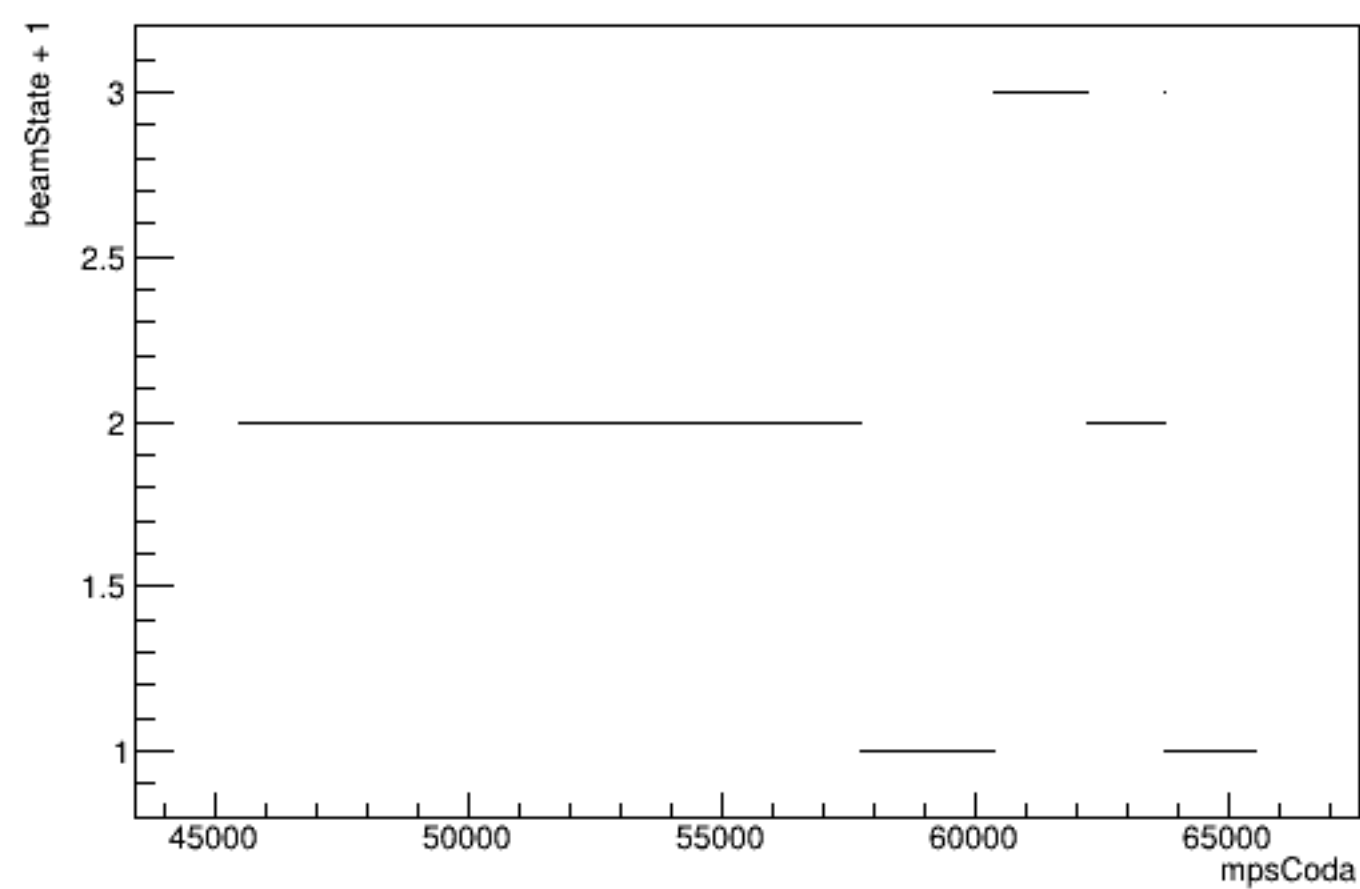
Acc0/NAcc0:mpsCoda {mpsCoda>=45509 && mpsCoda<=65500 && beamState==1}



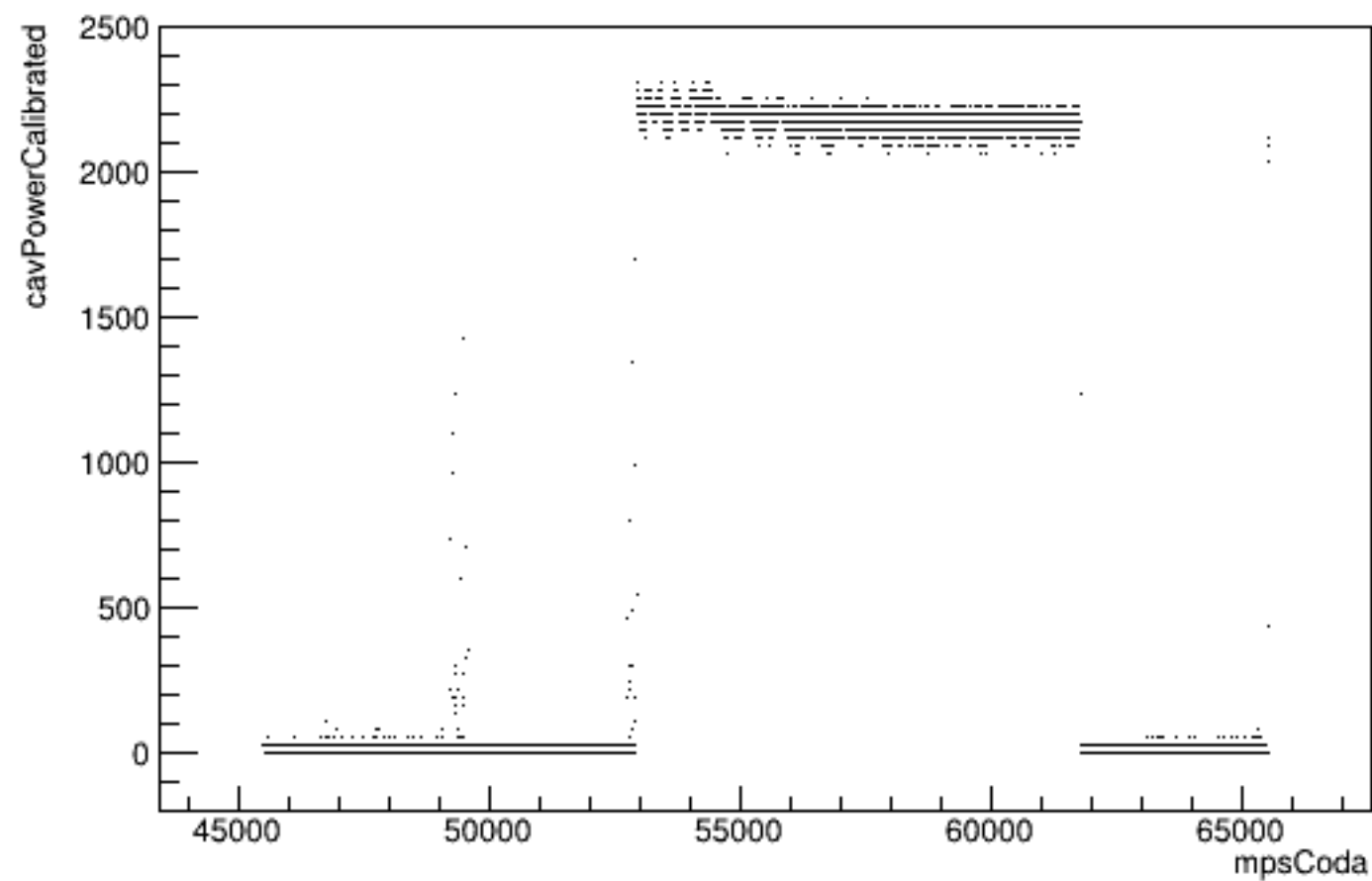
laserState:mpsCoda {mpsCoda>=45509 && mpsCoda<=65500}



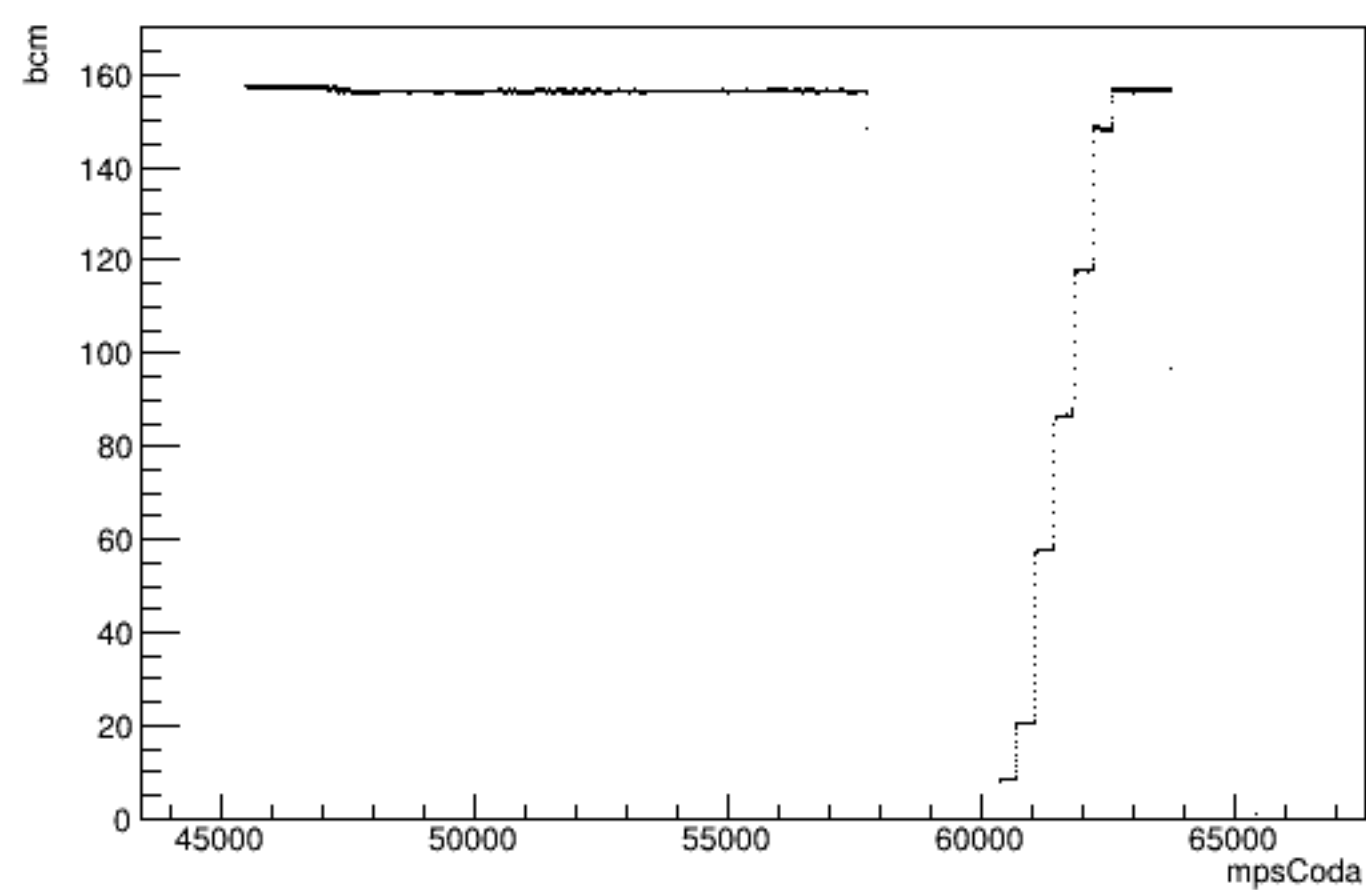
beamState + 1:mpsCoda {mpsCoda>=45509 && mpsCoda<=65500}



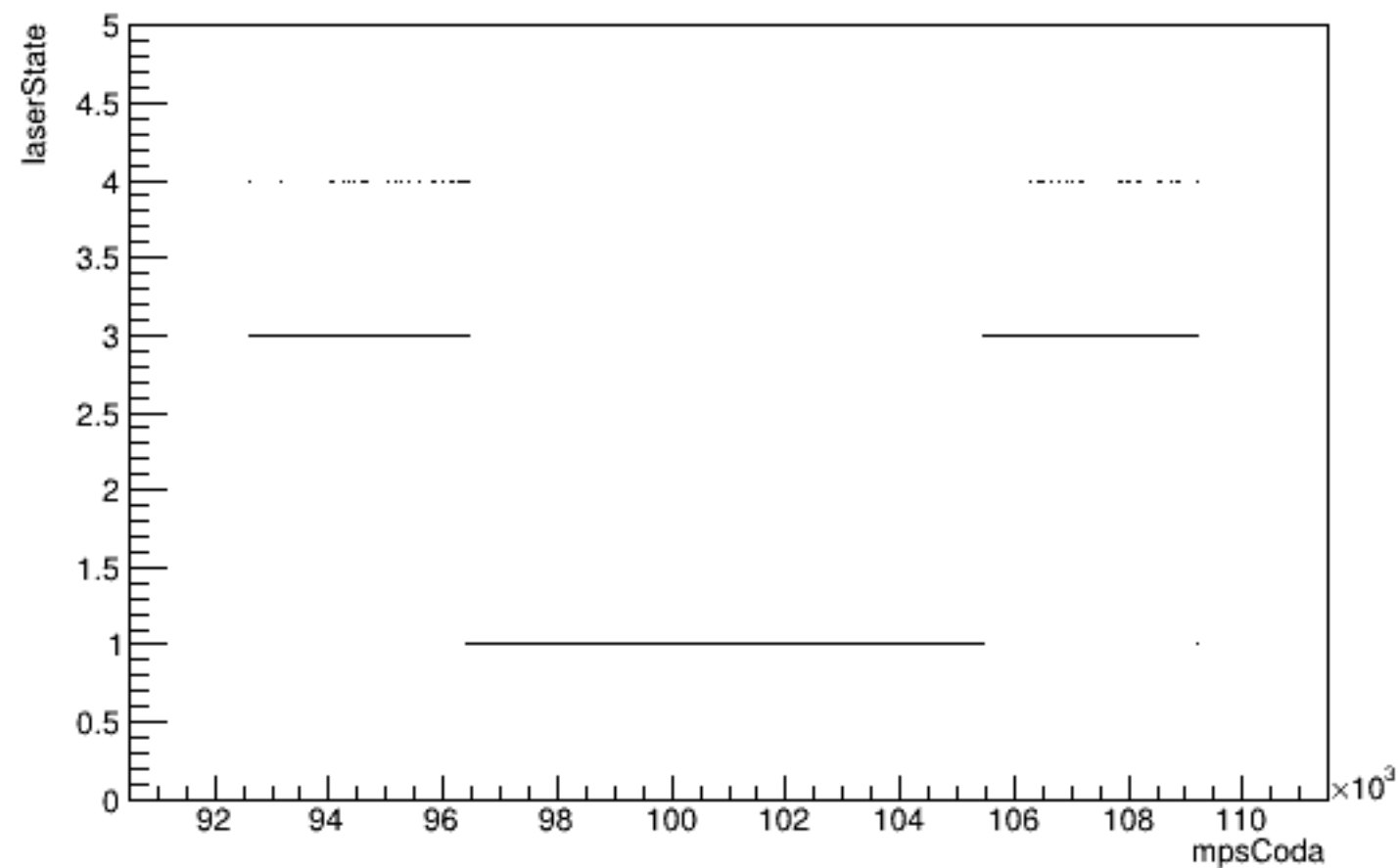
cavPowerCalibrated:mpsCoda {mpsCoda>=45509 && mpsCoda<=65500}



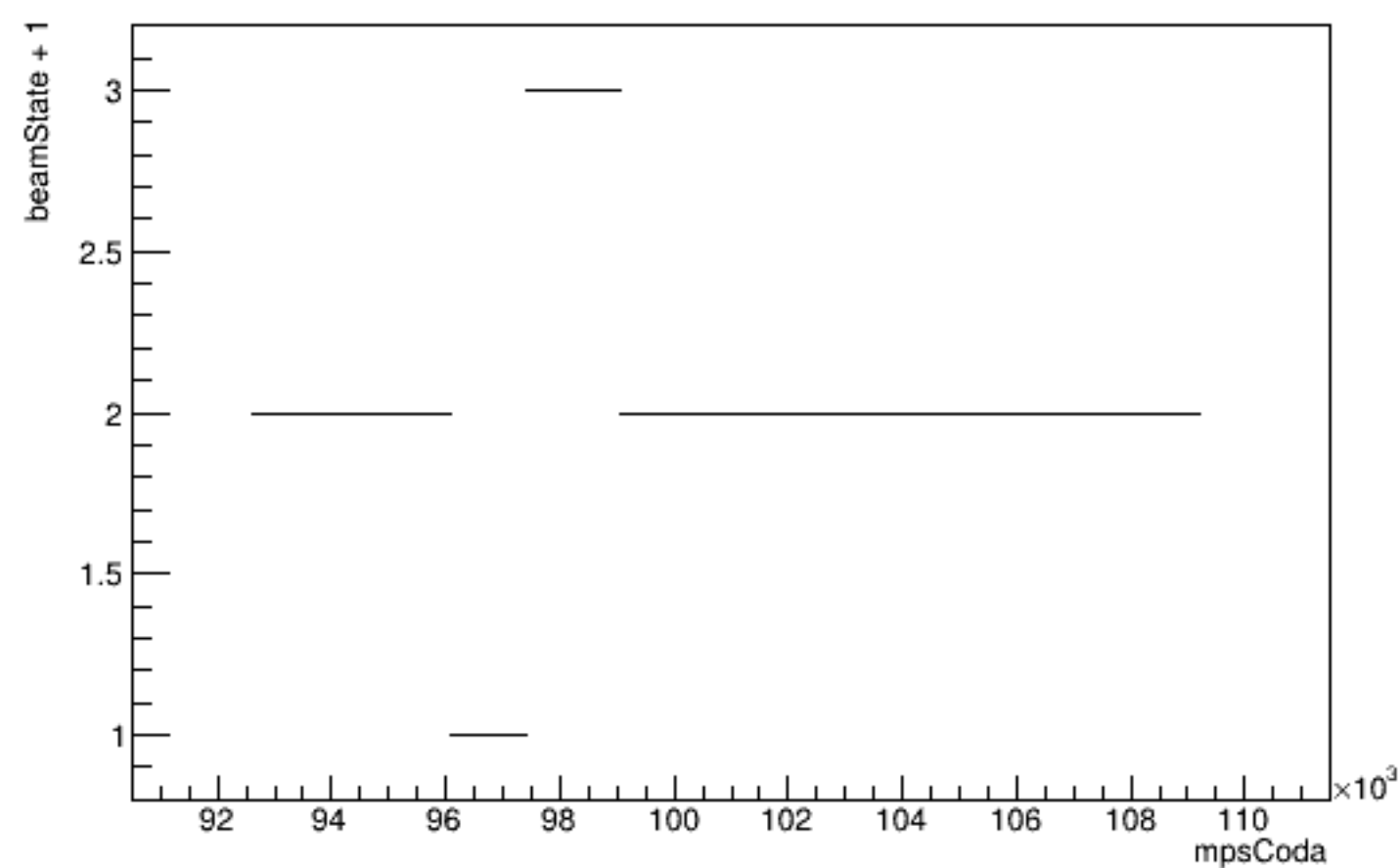
bcm:mpsCoda {mpsCoda>=45509 && mpsCoda<=65500}



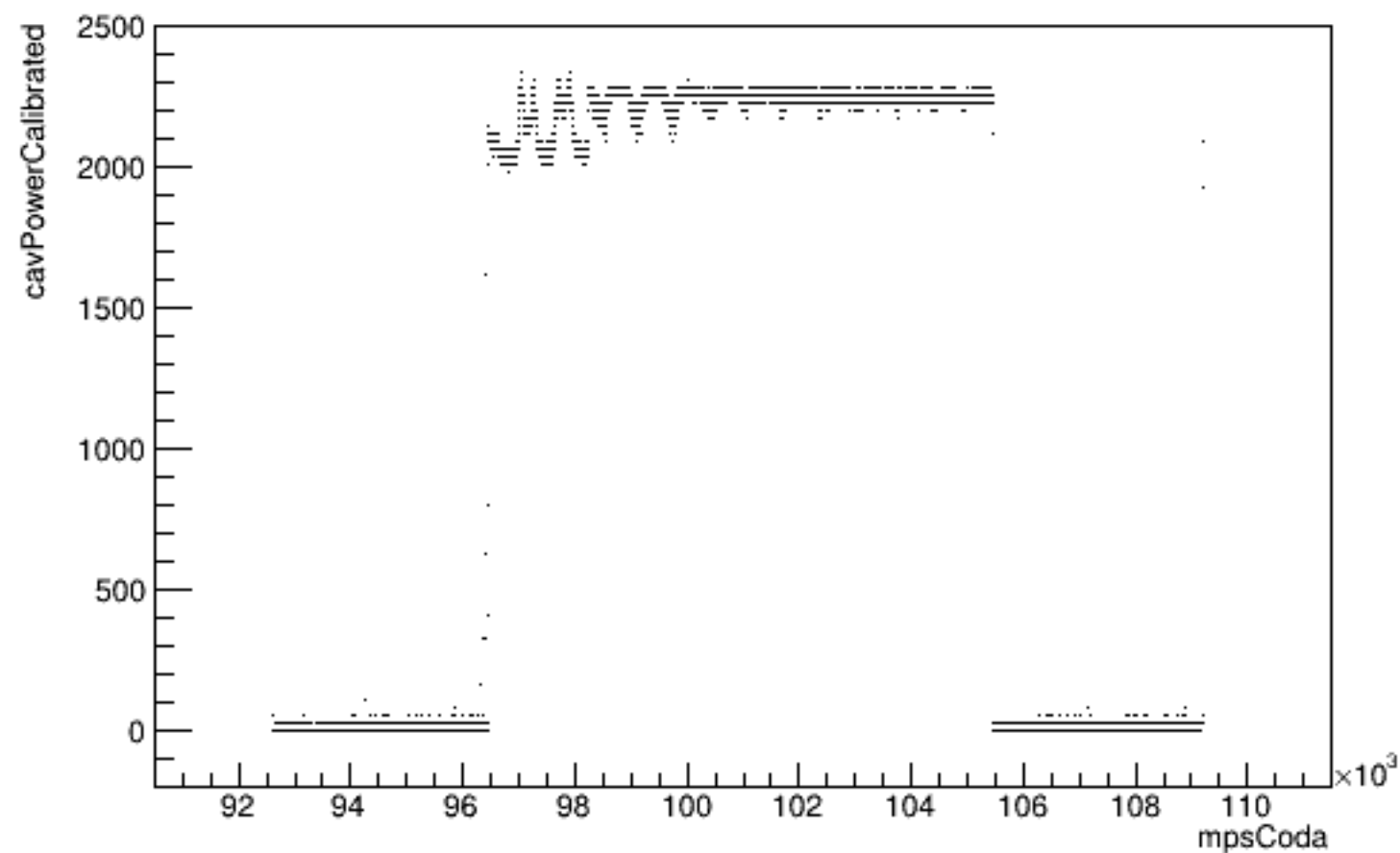
laserState:mpsCoda {mpsCoda>=92589 && mpsCoda<=109192}



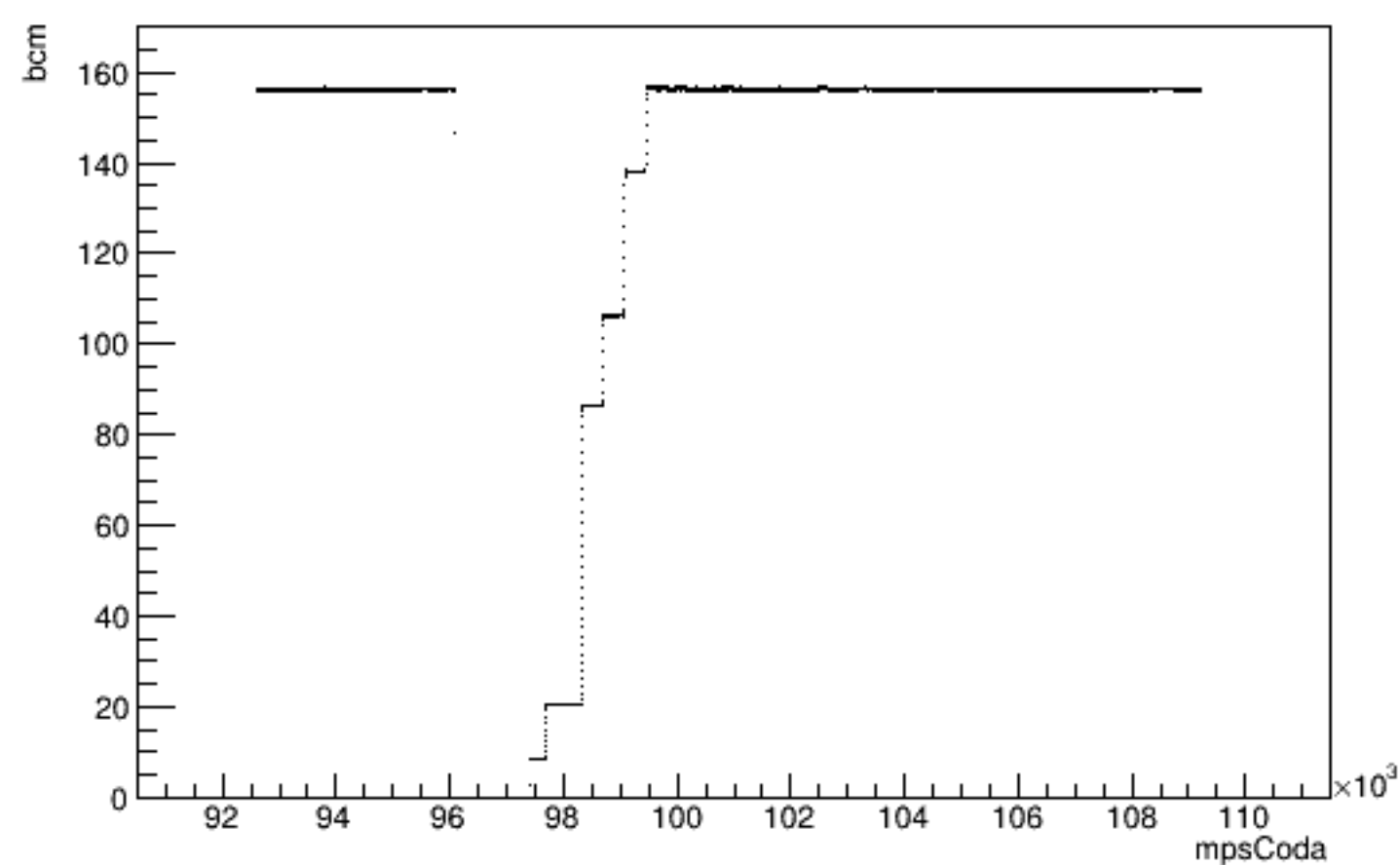
beamState + 1:mpsCoda {mpsCoda>=92589 && mpsCoda<=109192}



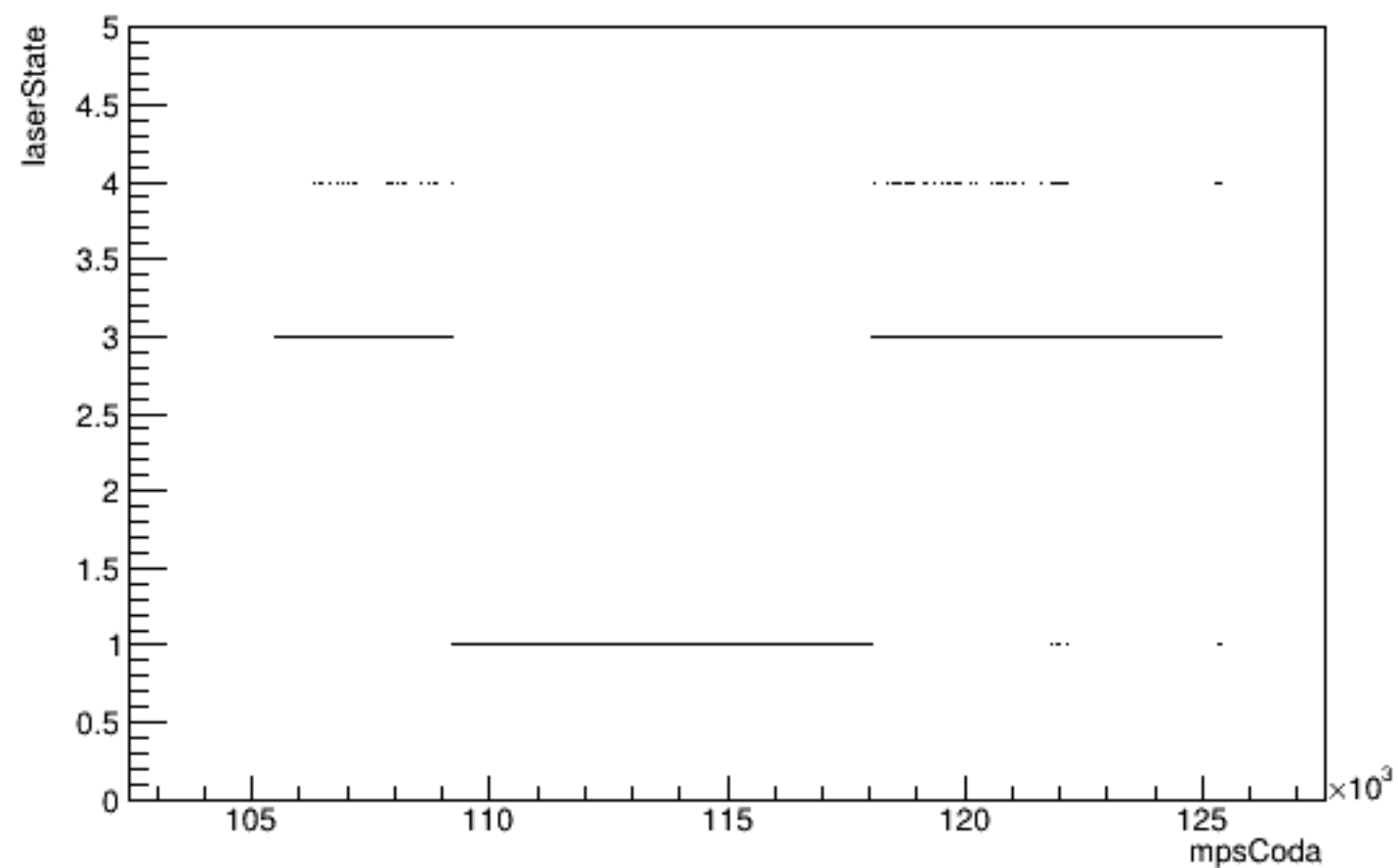
cavPowerCalibrated:mpsCoda {mpsCoda>=92589 && mpsCoda<=109192}



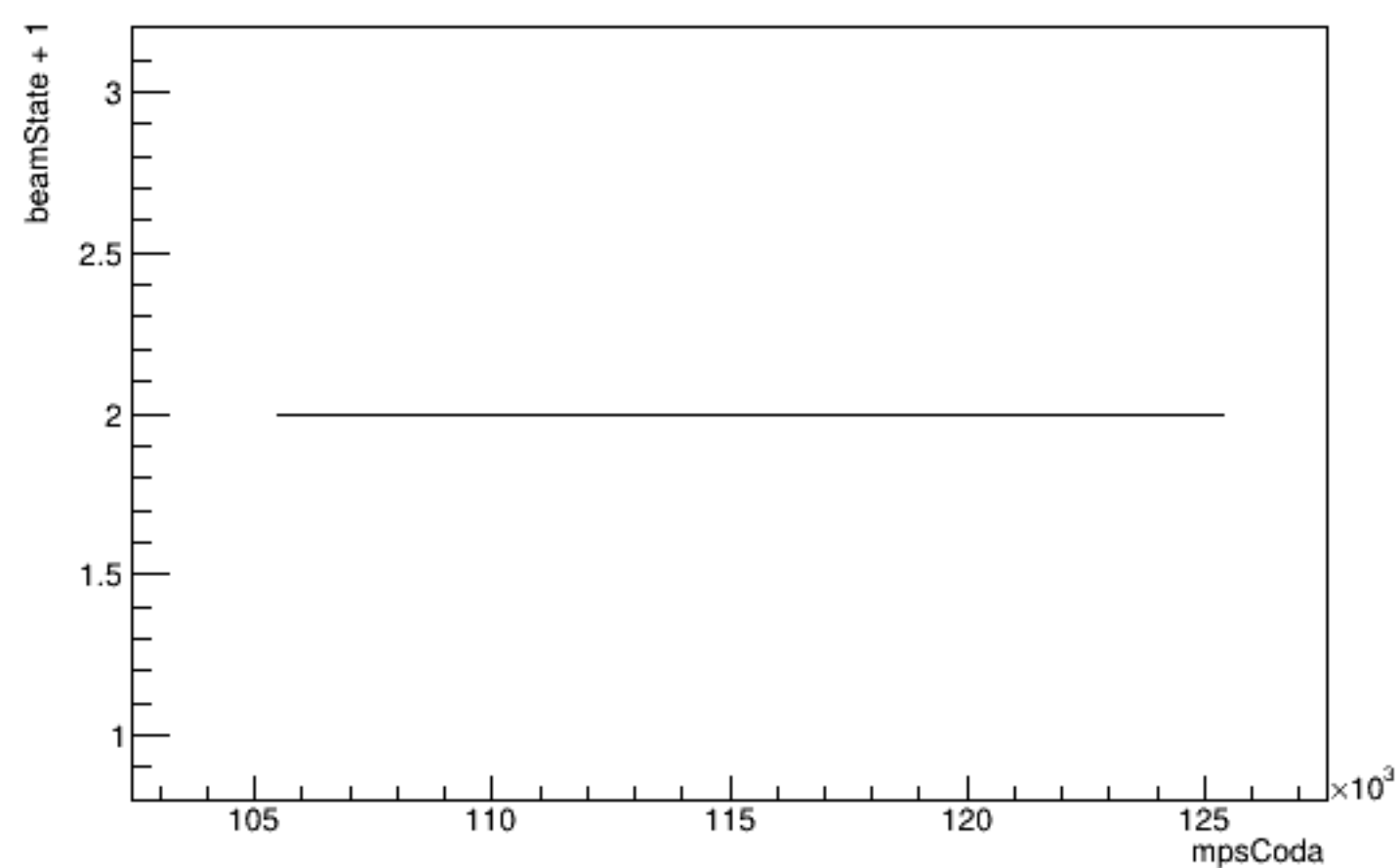
bcm:mpsCoda {mpsCoda>=92589 && mpsCoda<=109192}



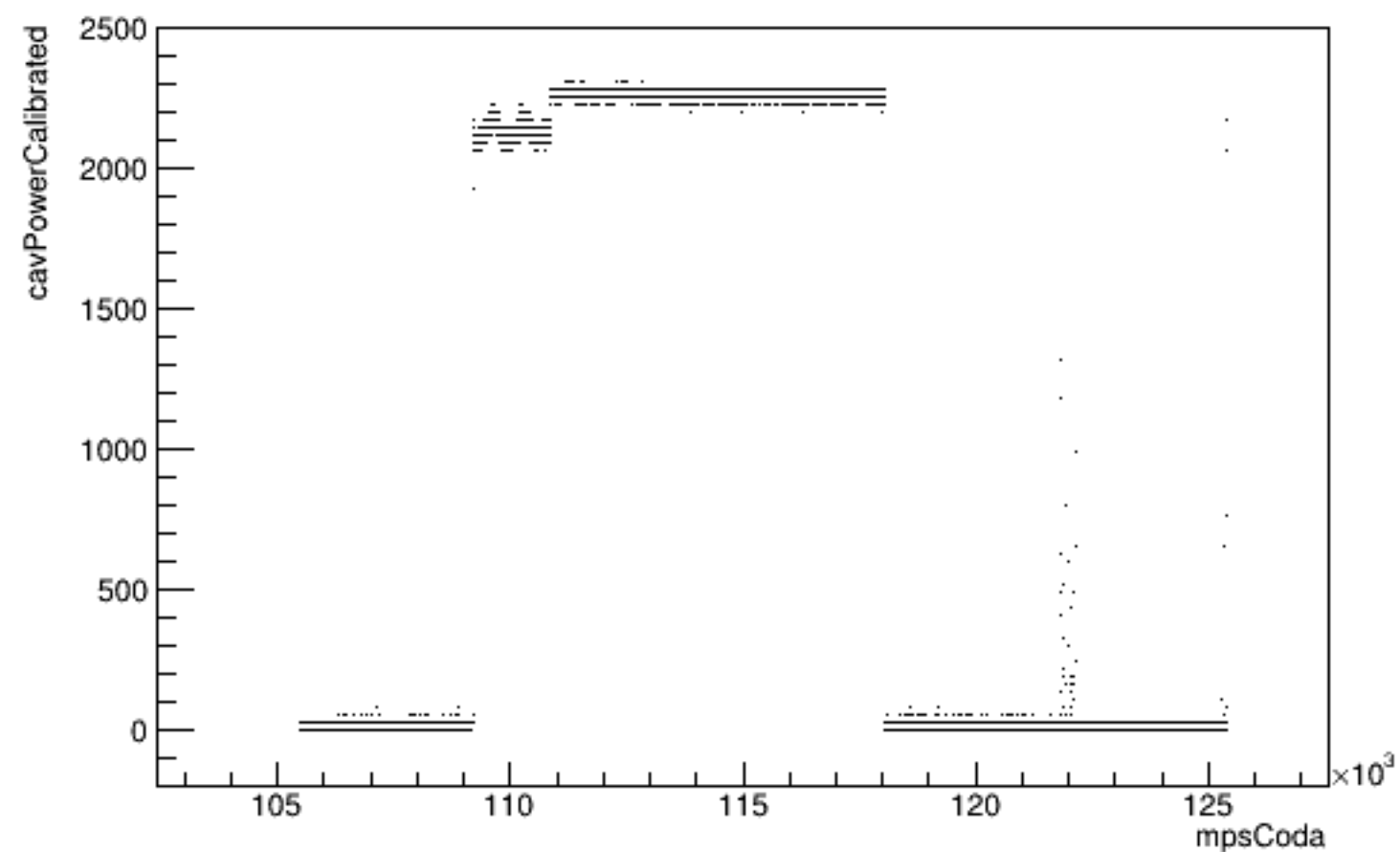
laserState:mpsCoda {mpsCoda>=105453 && mpsCoda<=125396}



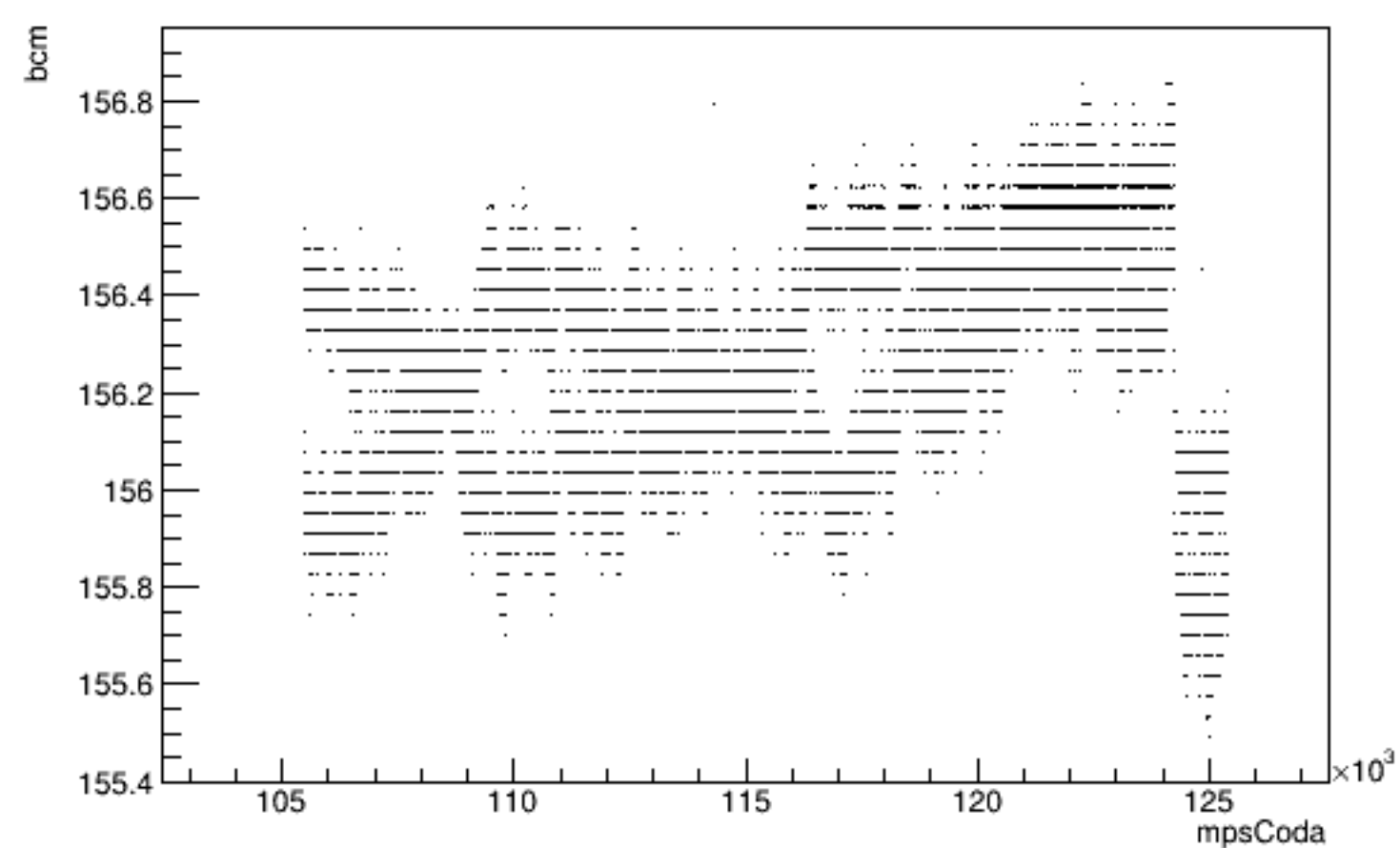
beamState + 1:mpsCoda {mpsCoda>=105453 && mpsCoda<=125396}



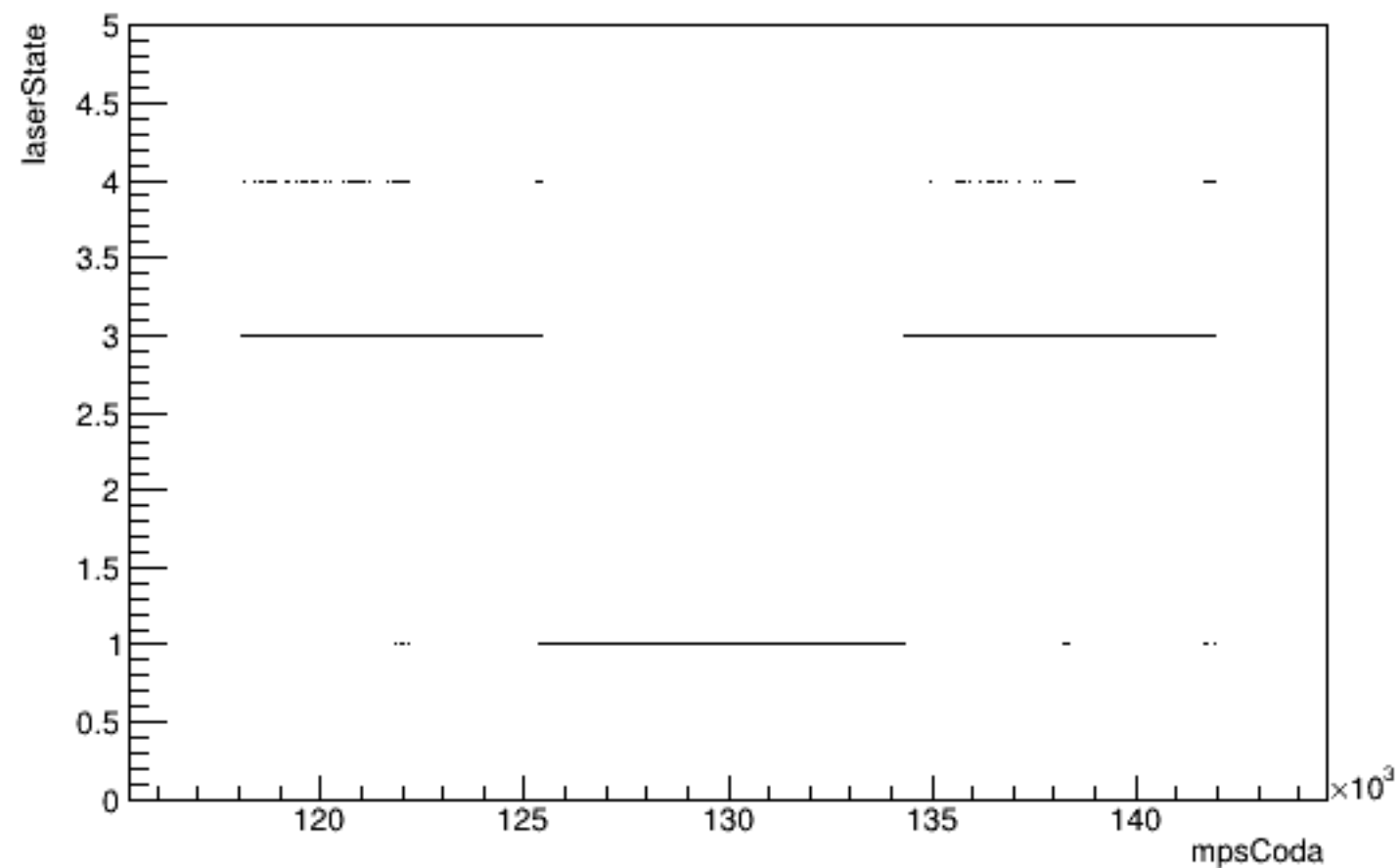
cavPowerCalibrated:mpsCoda {mpsCoda>=105453 && mpsCoda<=125396}



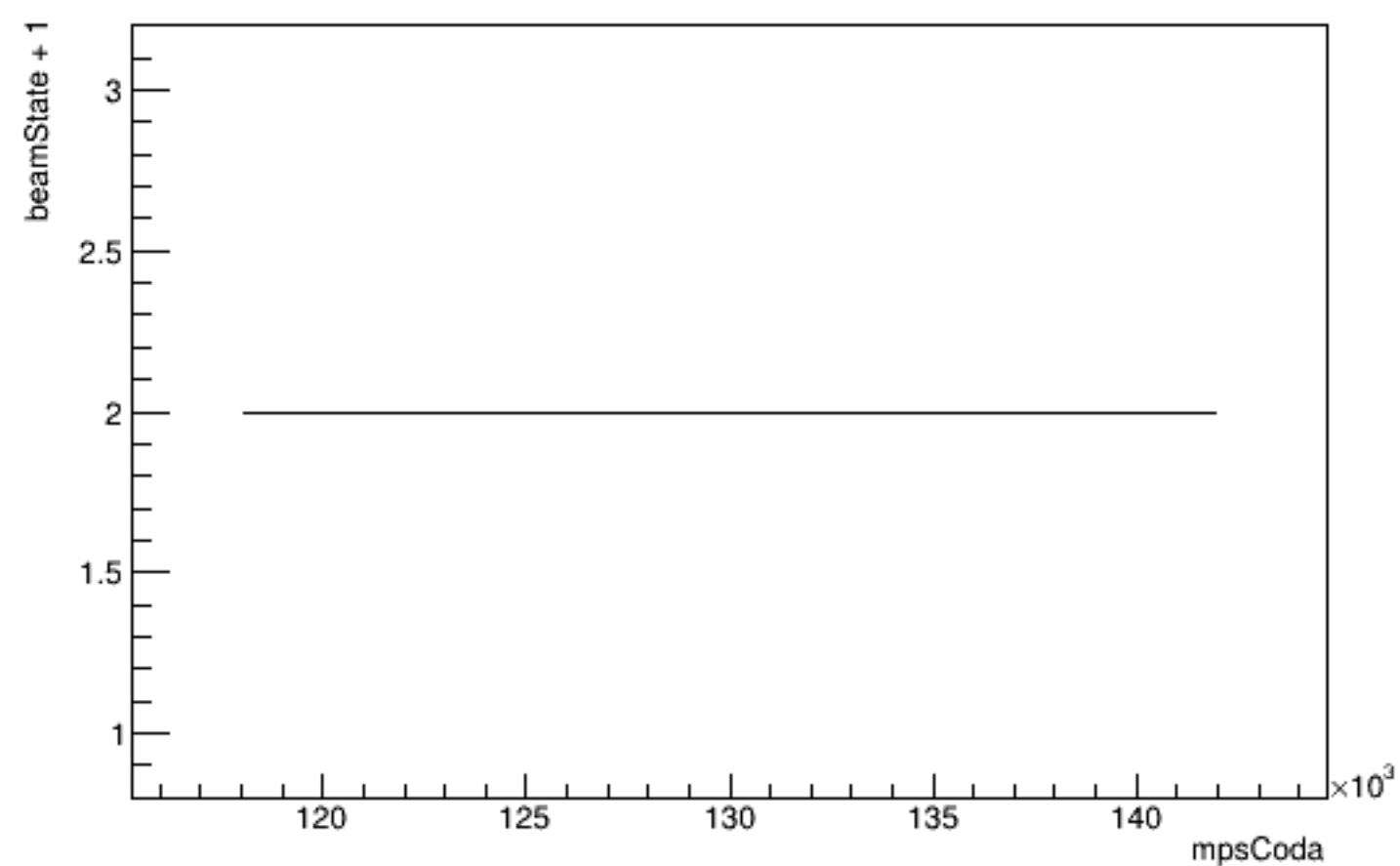
bcm:mpsCoda {mpsCoda>=105453 && mpsCoda<=125396}



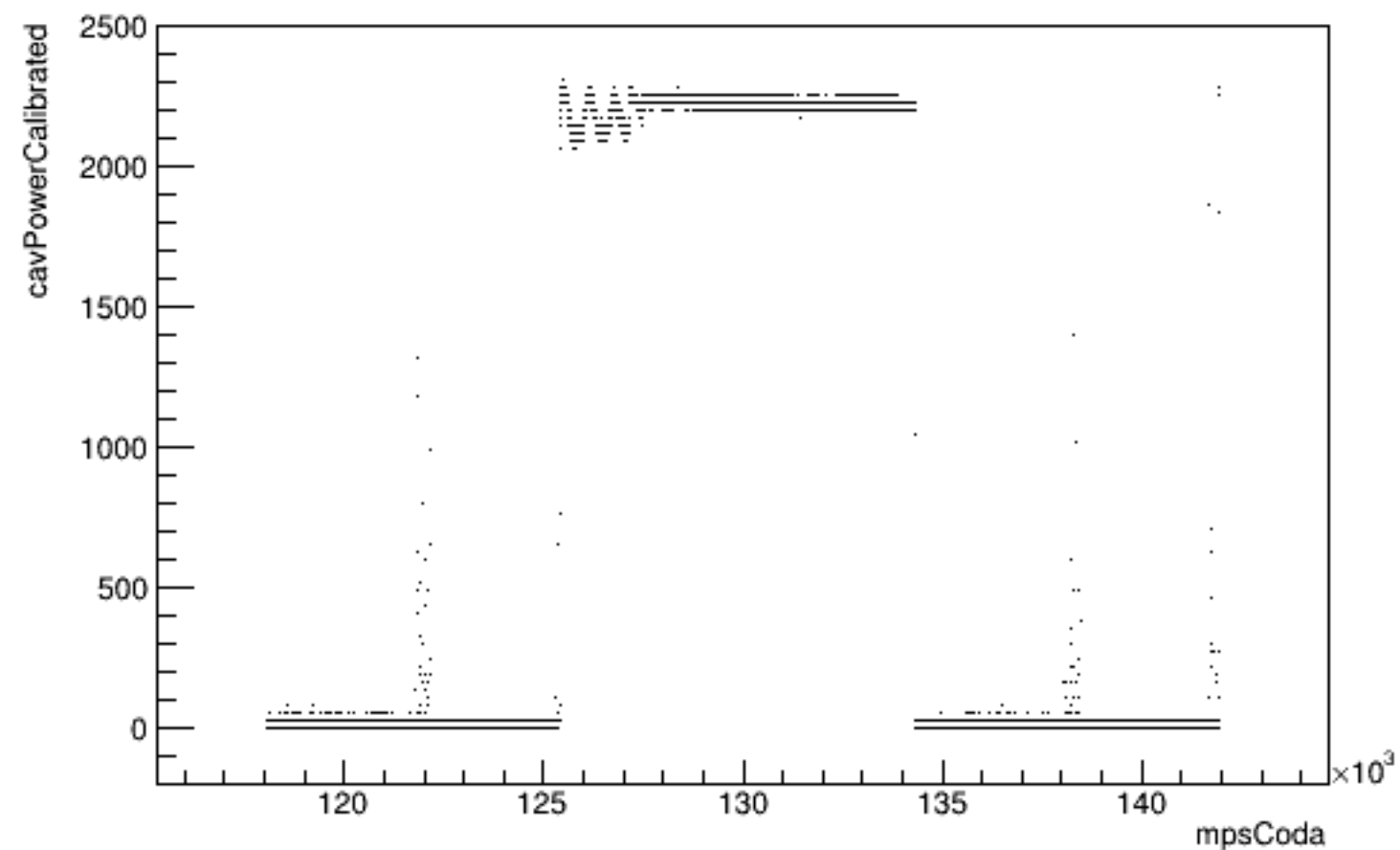
laserState:mpsCoda {mpsCoda>=118073 && mpsCoda<=141936}



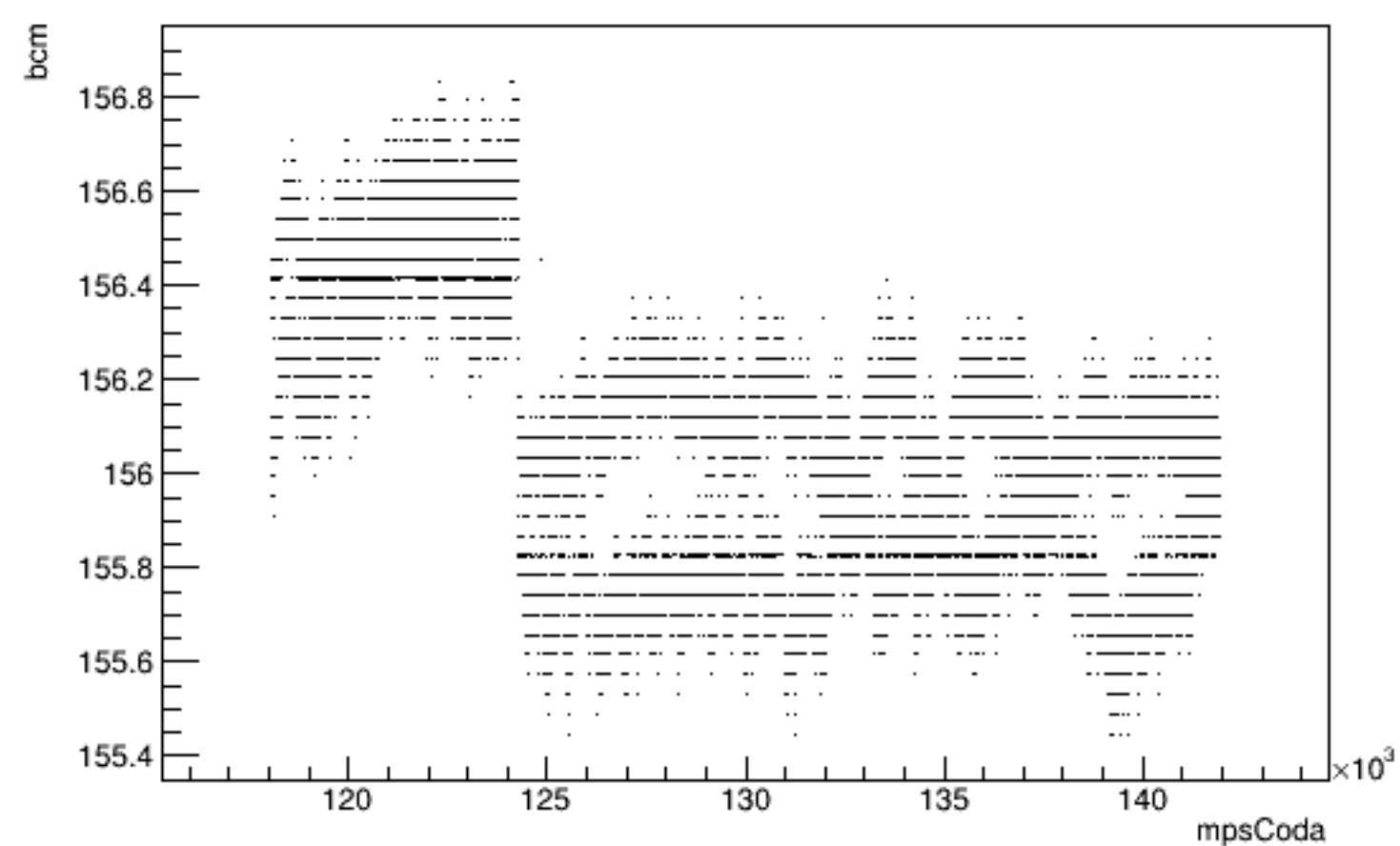
beamState + 1:mpsCoda {mpsCoda>=118073 && mpsCoda<=141936}



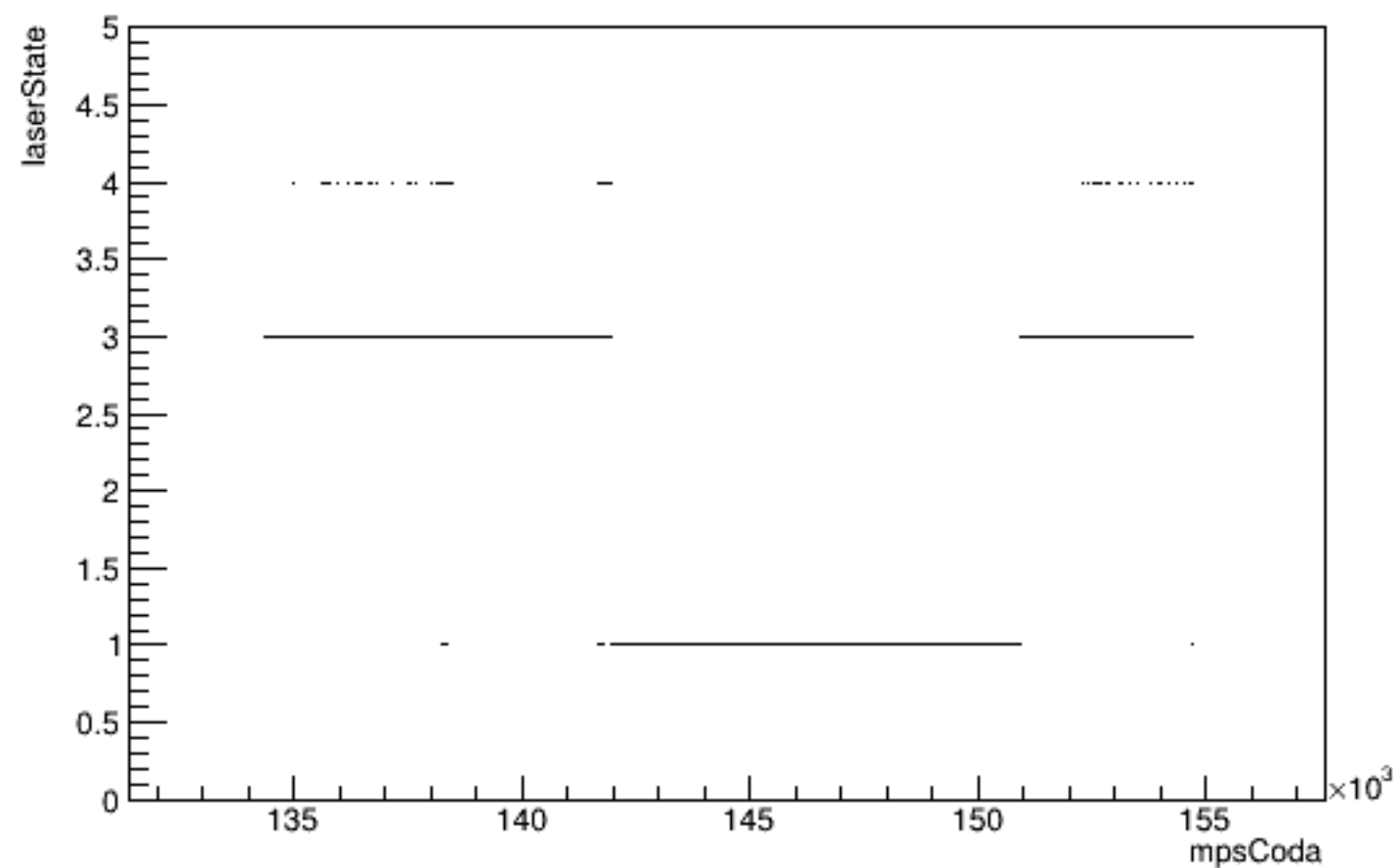
cavPowerCalibrated:mpsCoda {mpsCoda>=118073 && mpsCoda<=141936}



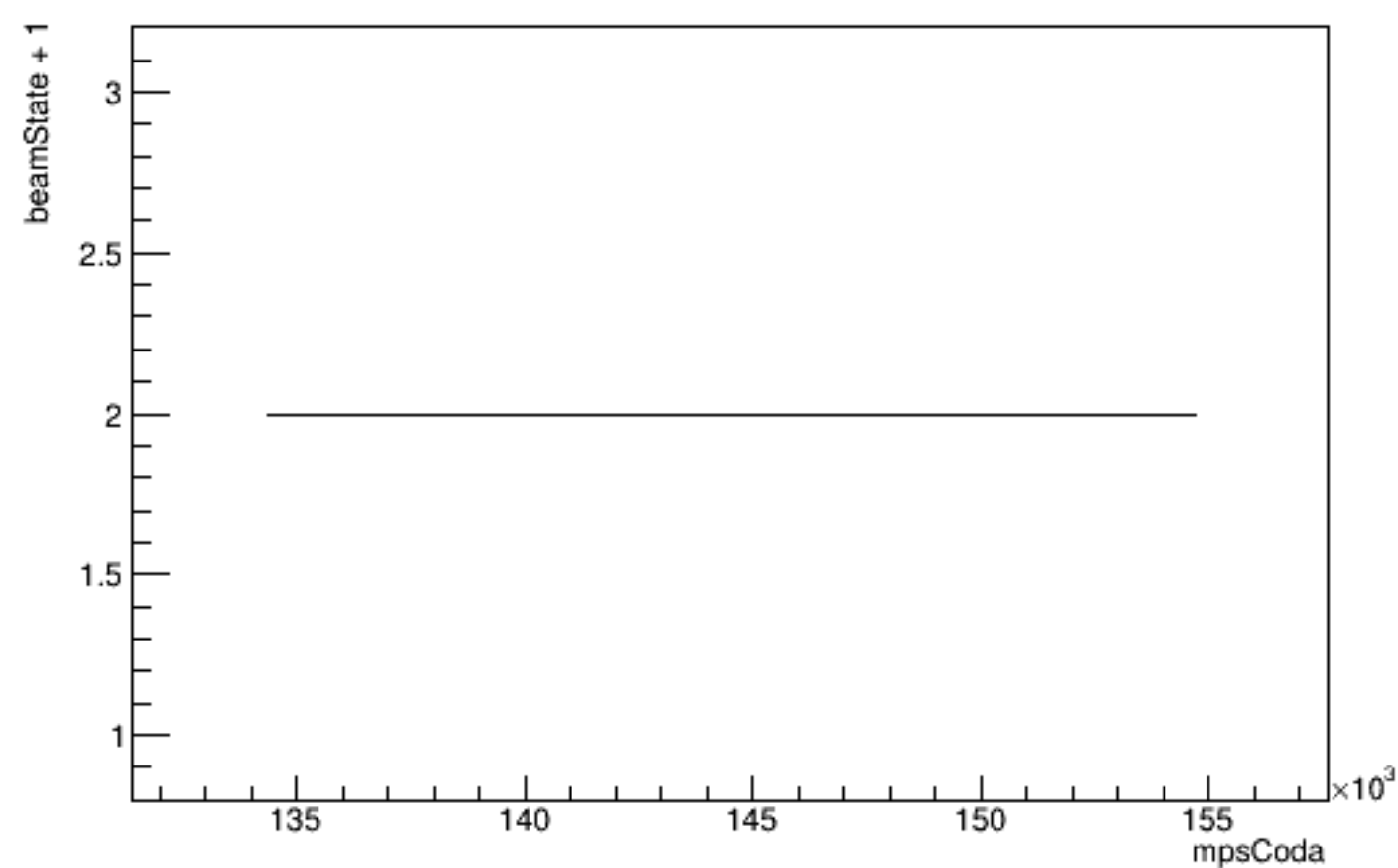
bcm:mpsCoda {mpsCoda>=118073 && mpsCoda<=141936}



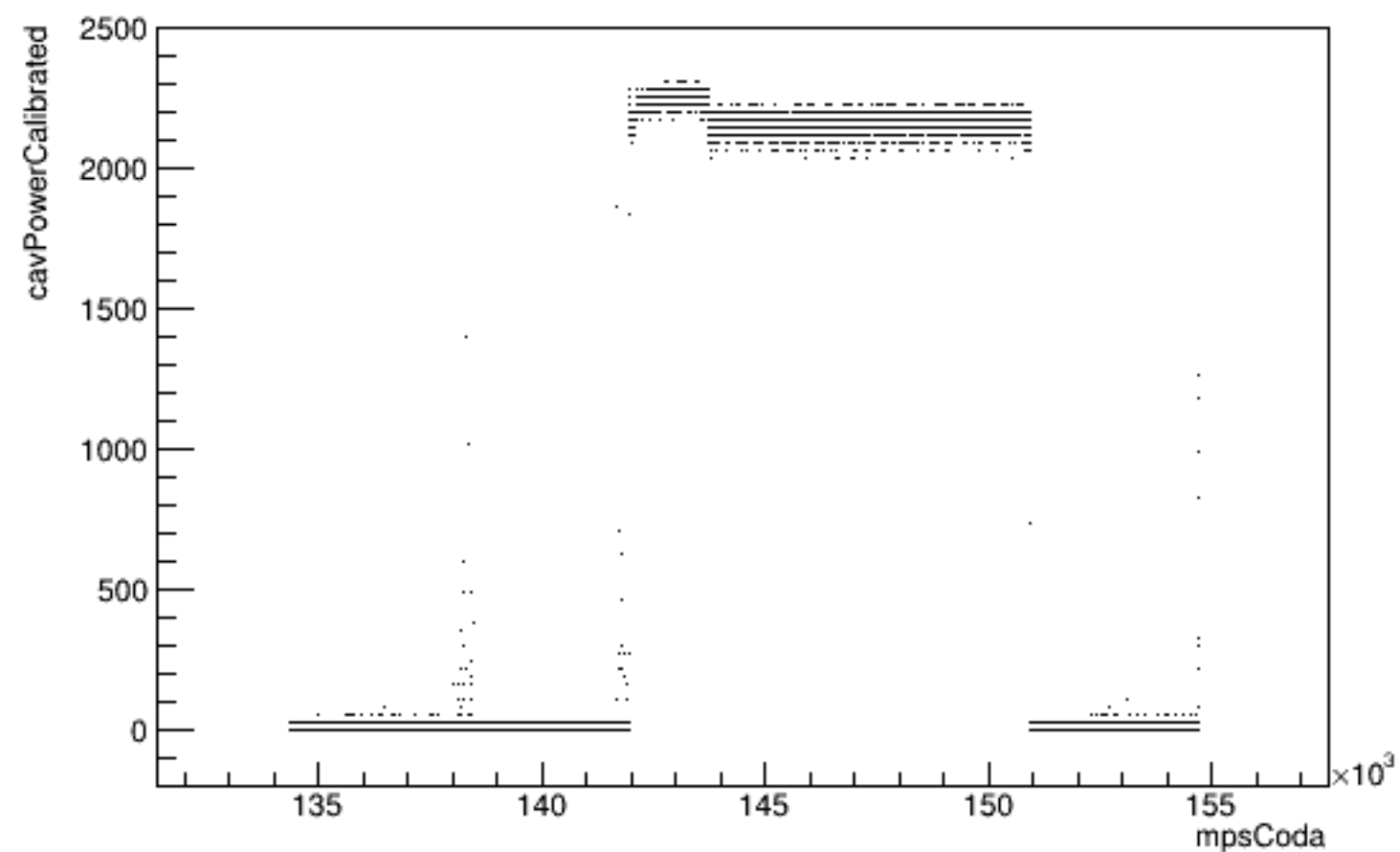
laserState:mpsCoda {mpsCoda>=134341 && mpsCoda<=154724}



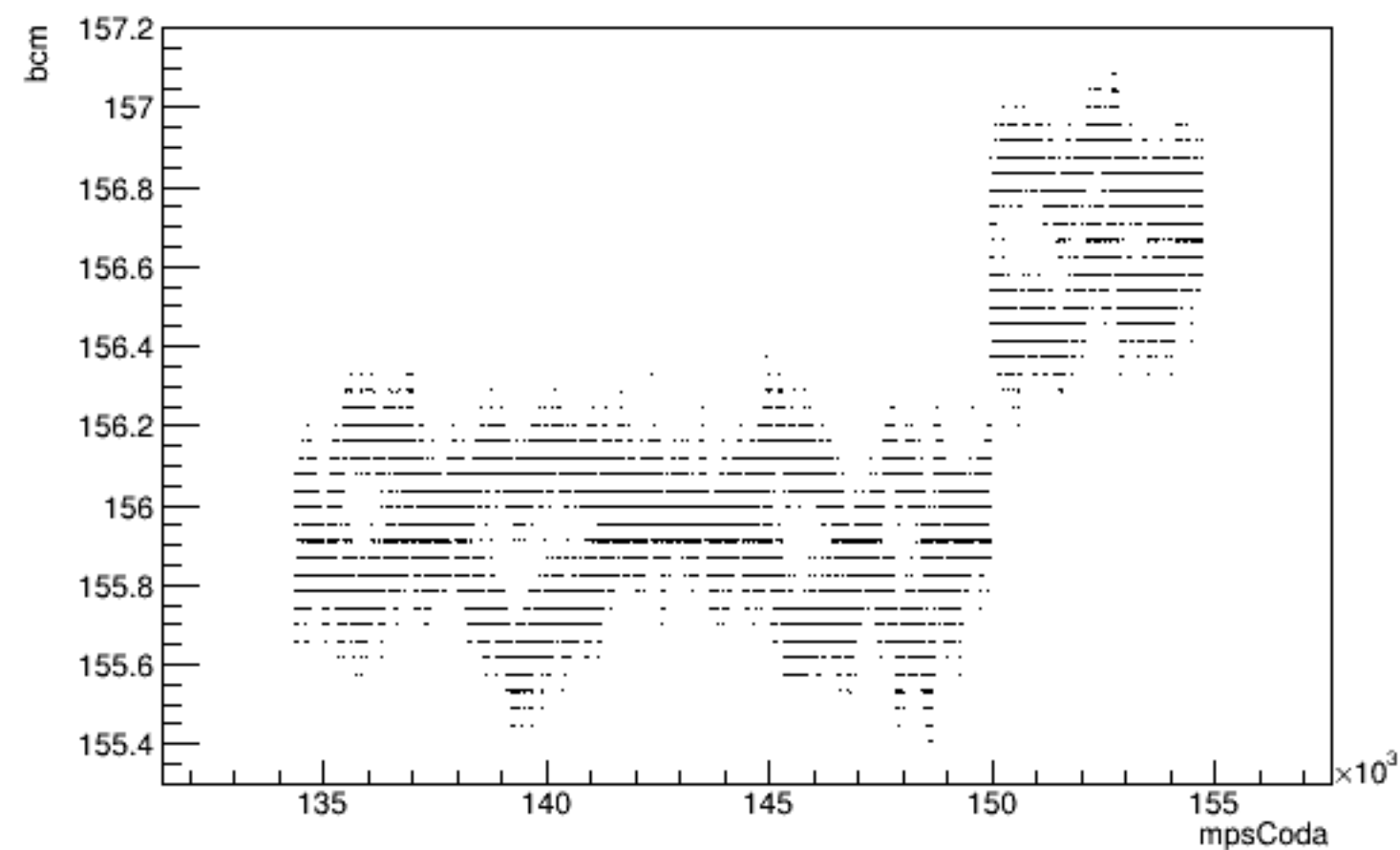
beamState + 1:mpsCoda {mpsCoda>=134341 && mpsCoda<=154724}



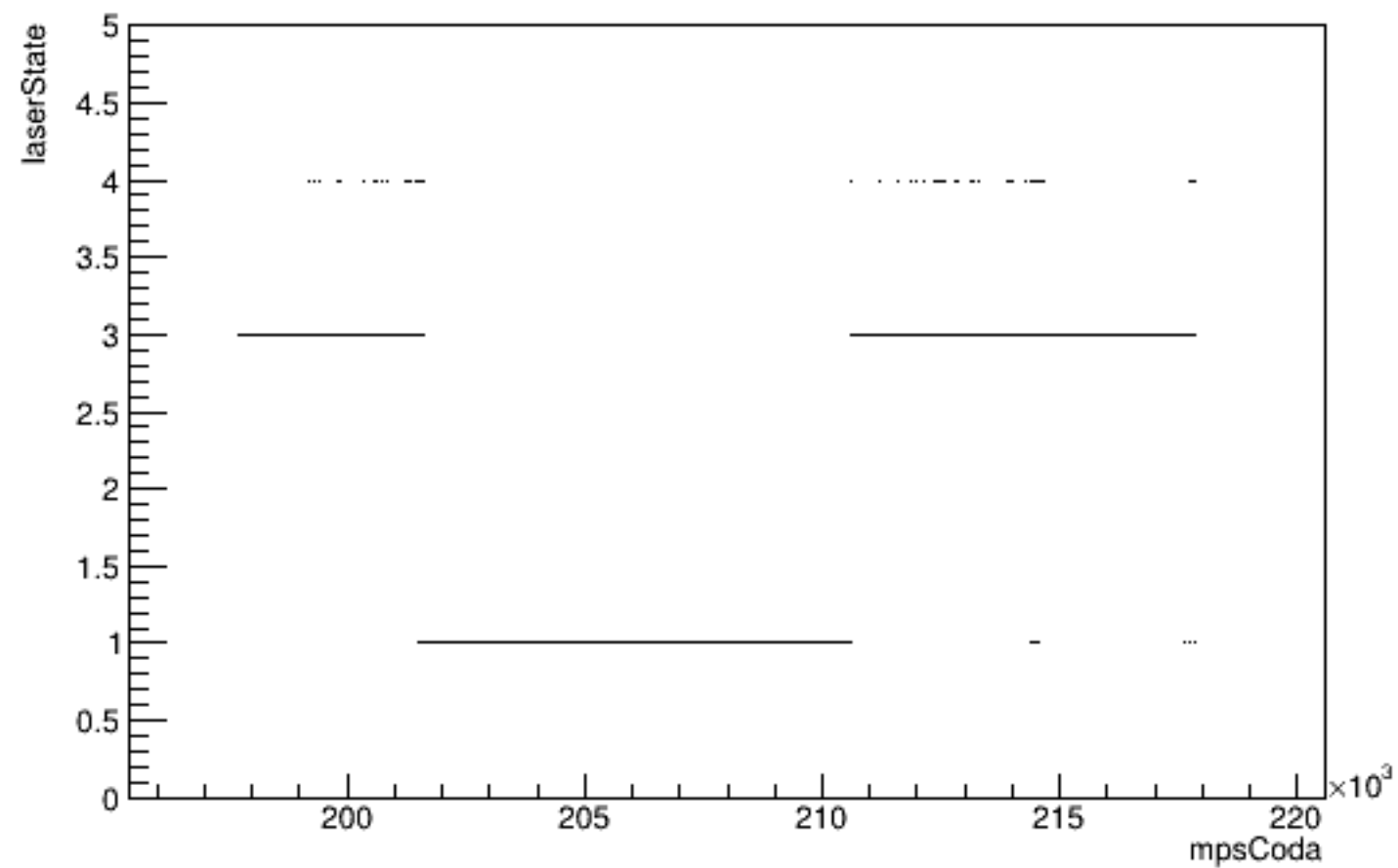
cavPowerCalibrated:mpsCoda {mpsCoda>=134341 && mpsCoda<=154724}



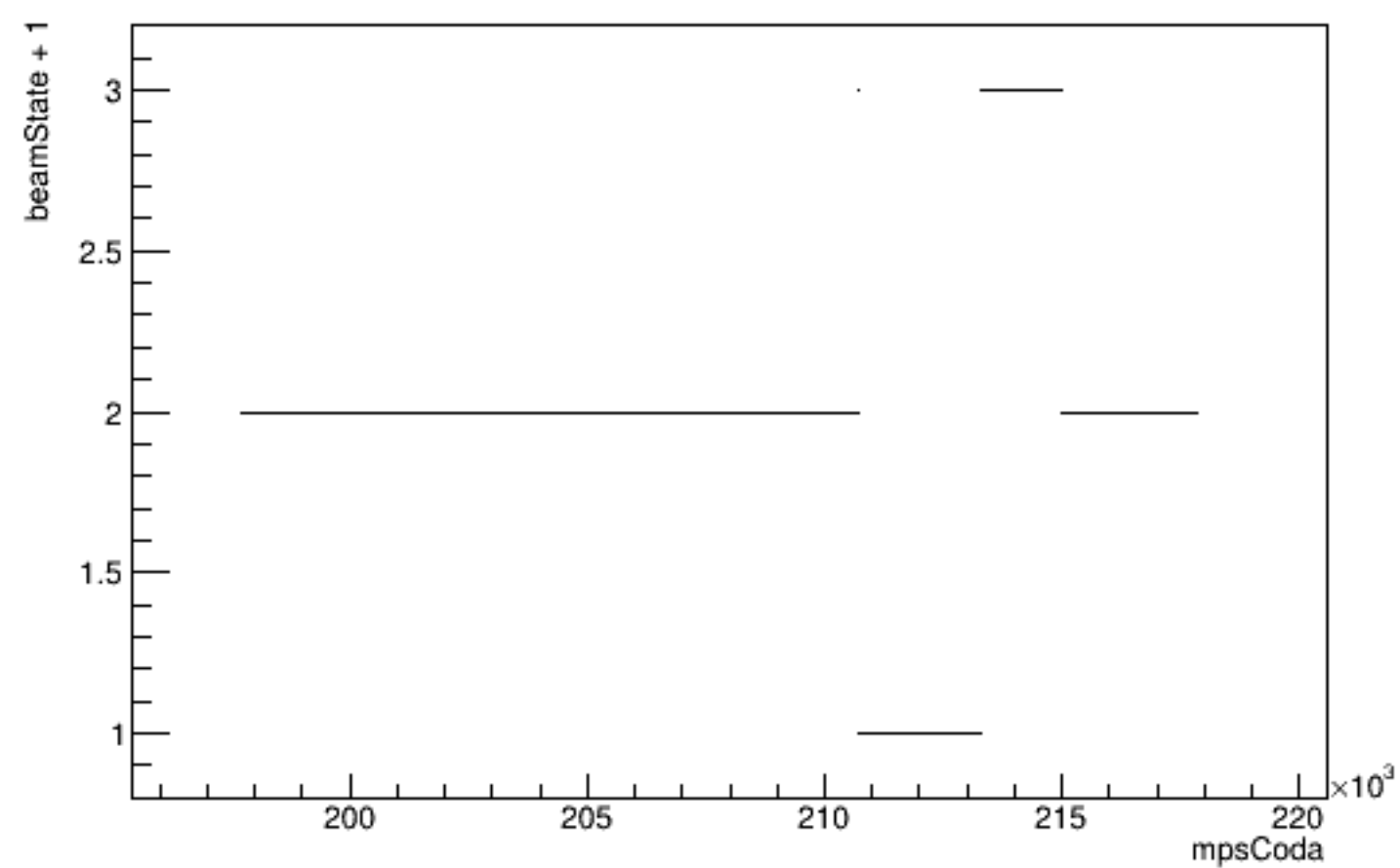
bcm:mpsCoda {mpsCoda>=134341 && mpsCoda<=154724}



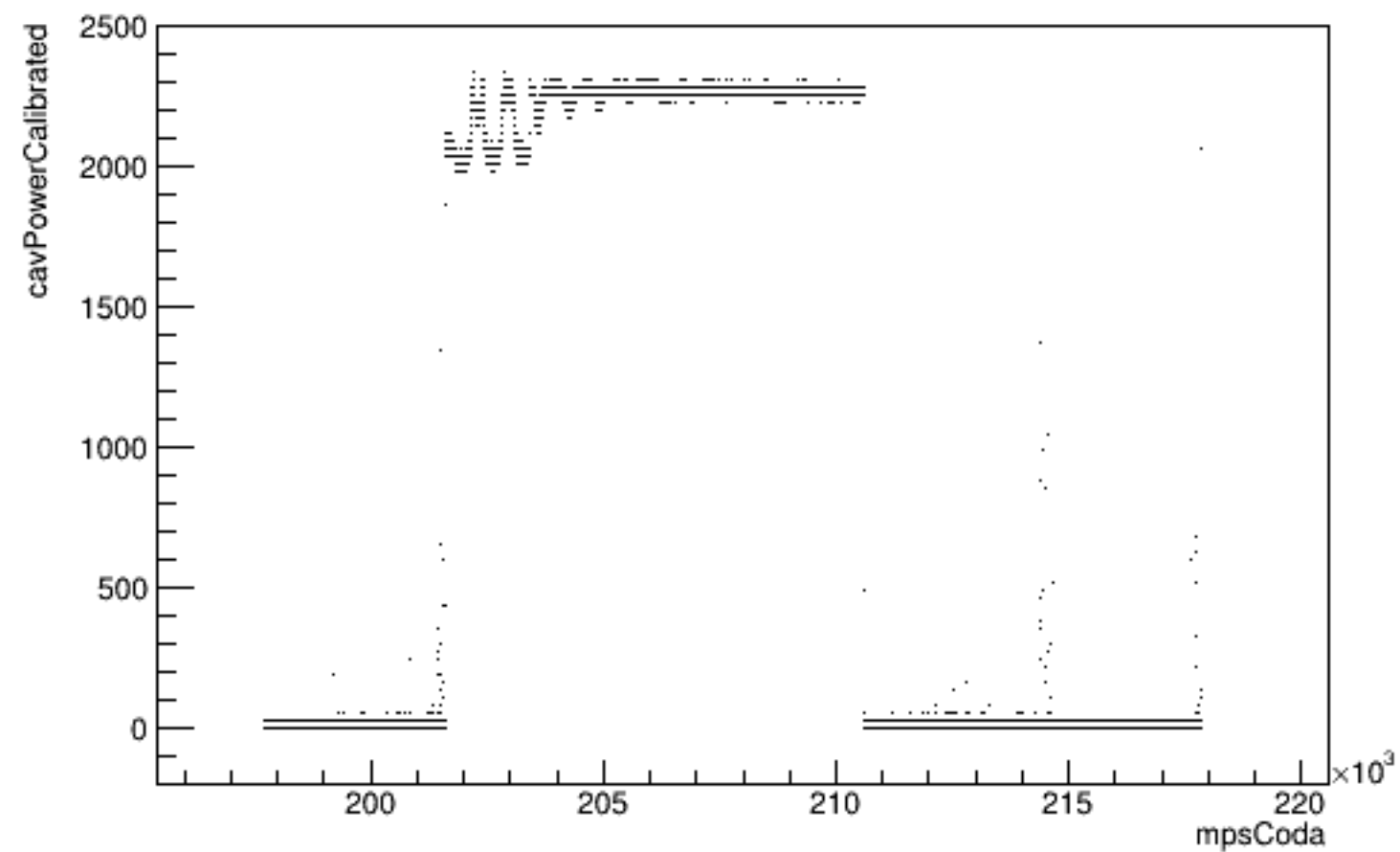
laserState:mpsCoda {mpsCoda>=197685 && mpsCoda<=217836}



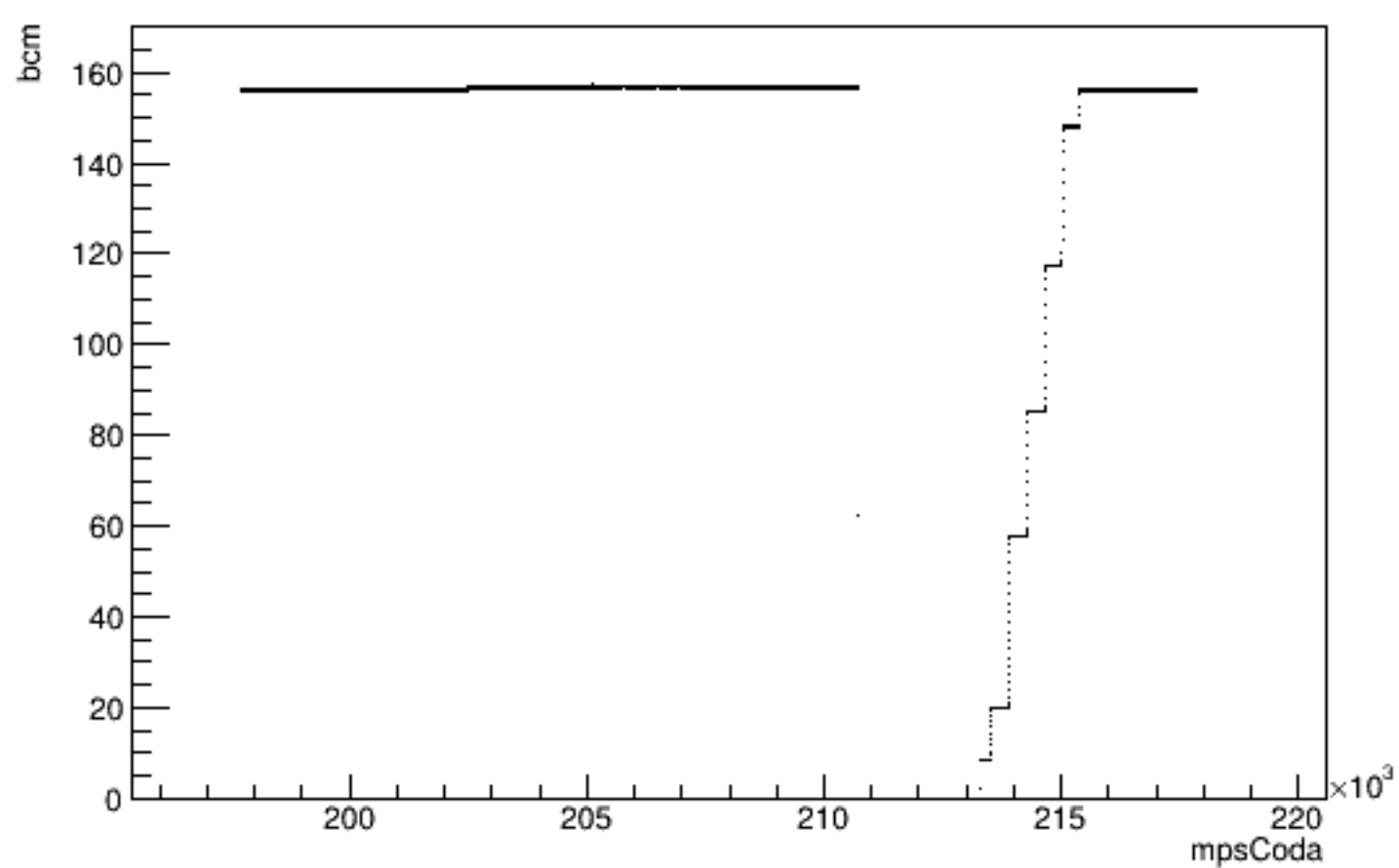
beamState + 1:mpsCoda {mpsCoda>=197685 && mpsCoda<=217836}



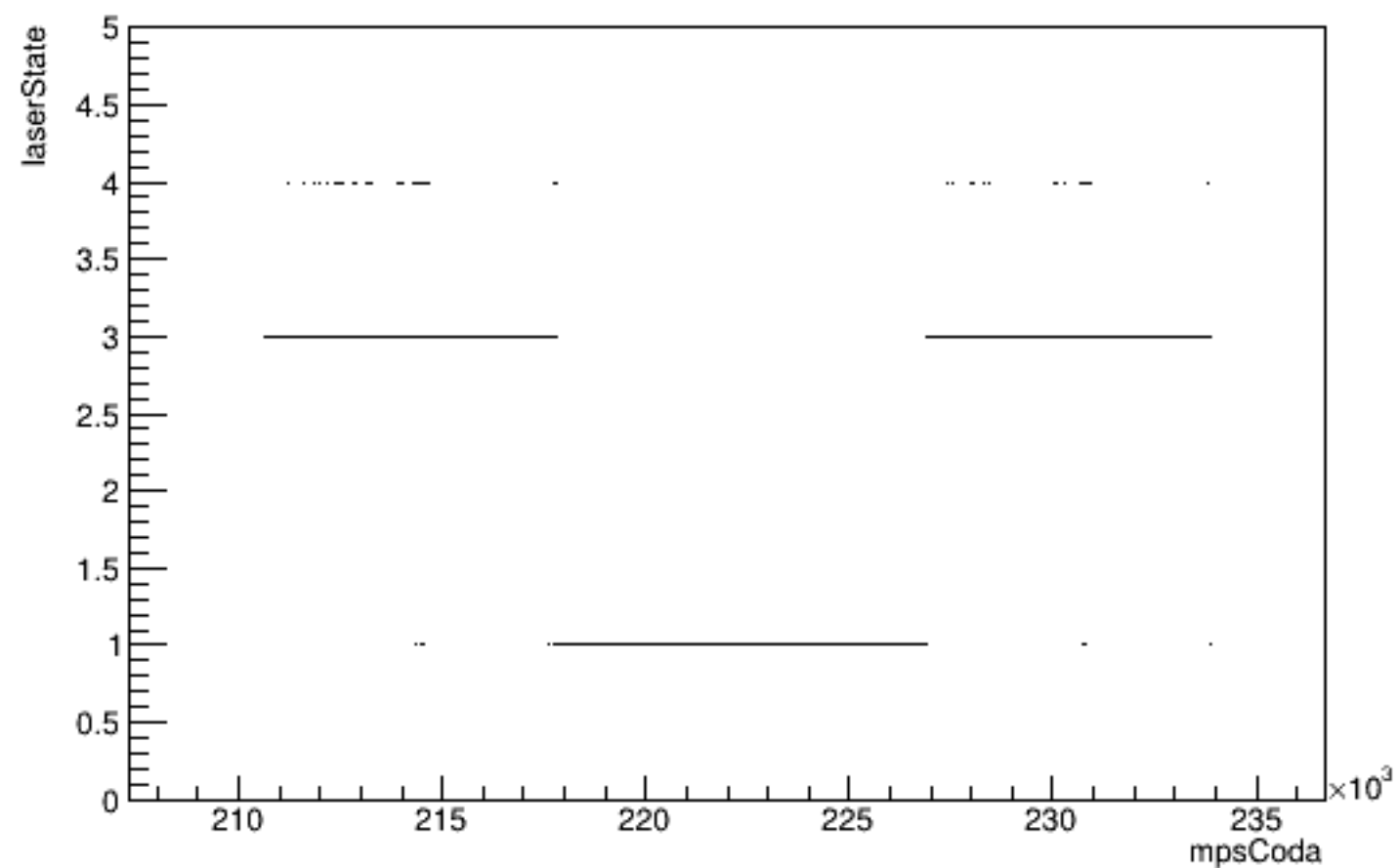
cavPowerCalibrated:mpsCoda {mpsCoda>=197685 && mpsCoda<=217836}



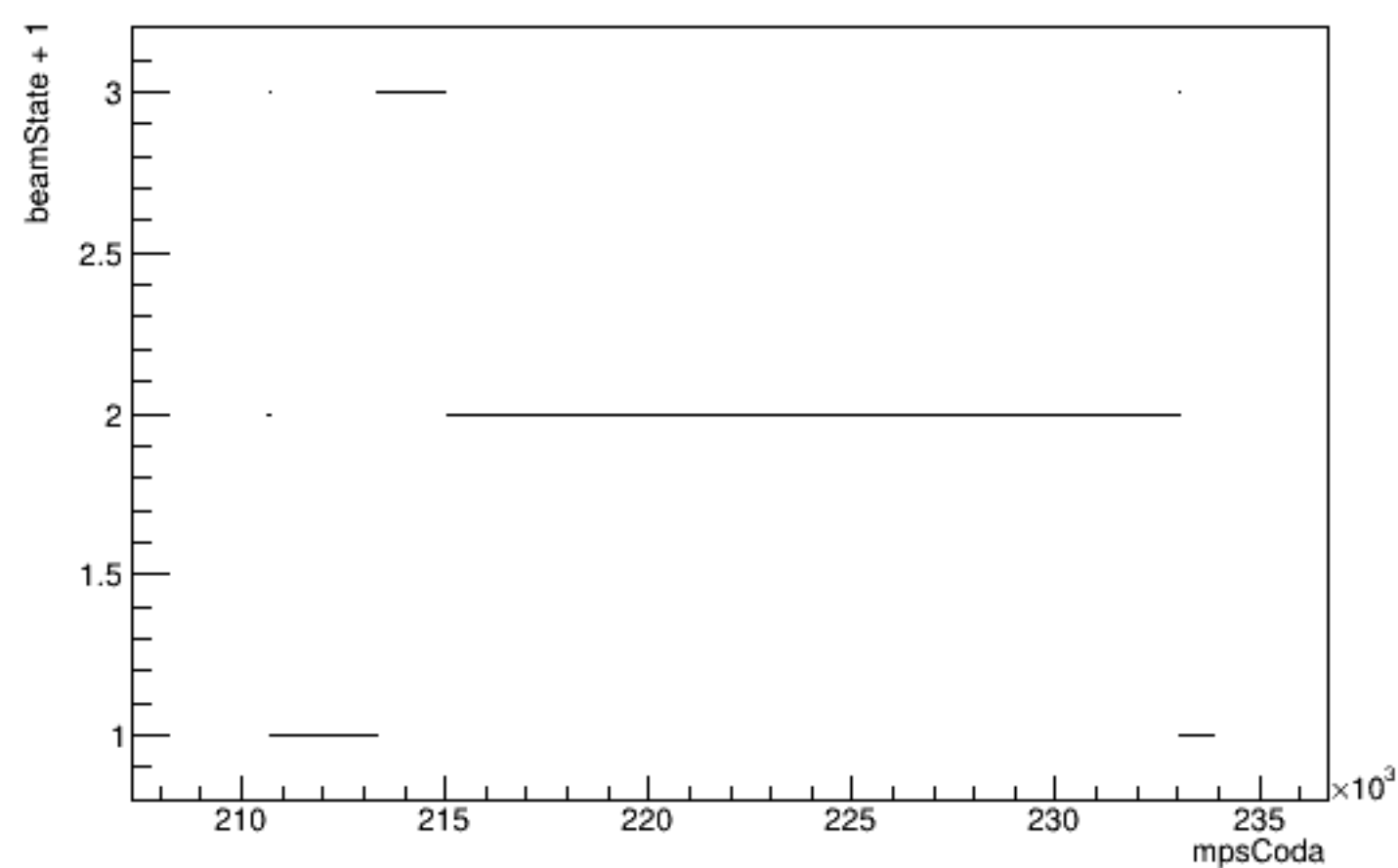
bcm:mpsCoda {mpsCoda>=197685 && mpsCoda<=217836}



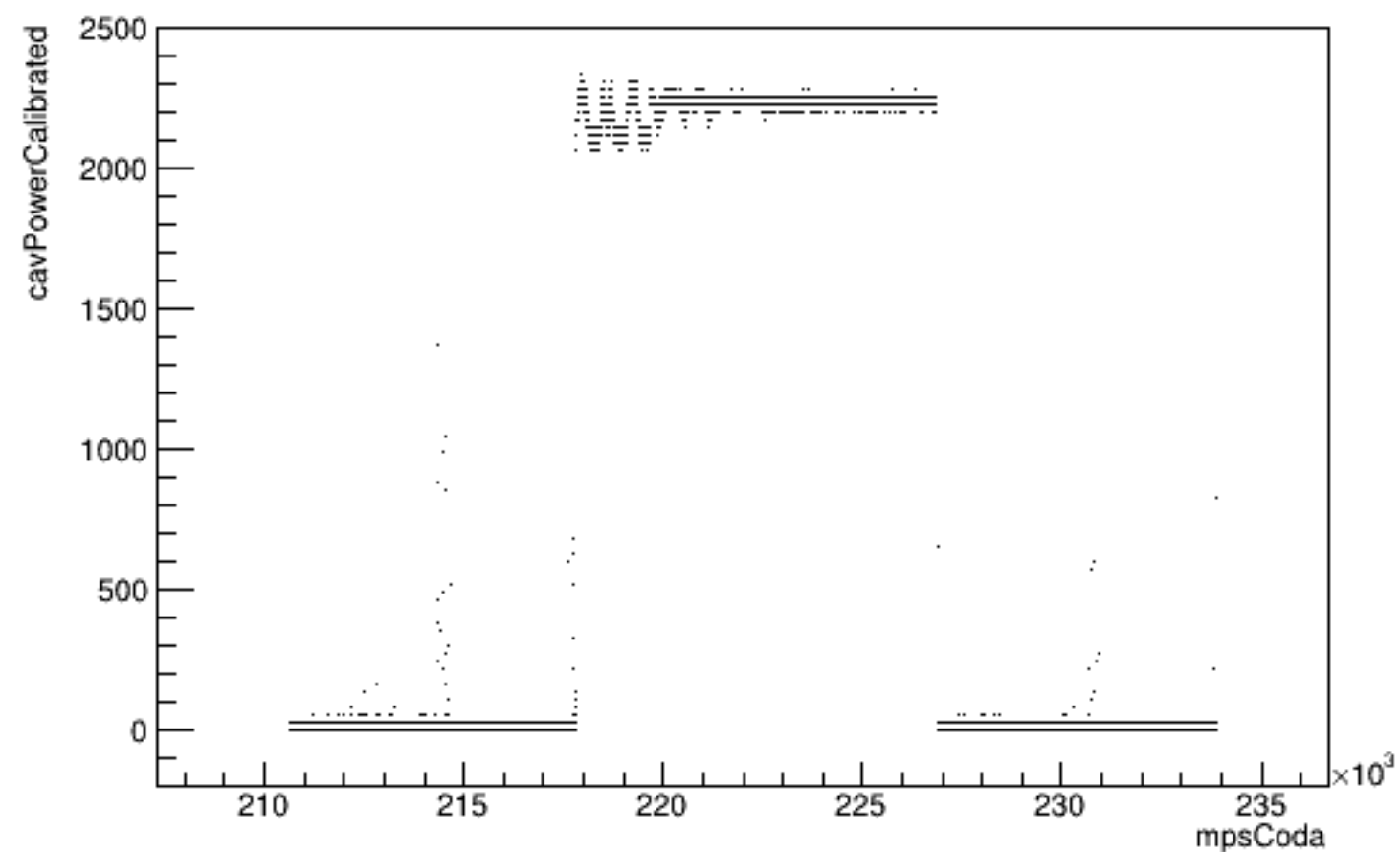
laserState:mpsCoda {mpsCoda>=210617 && mpsCoda<=233896}



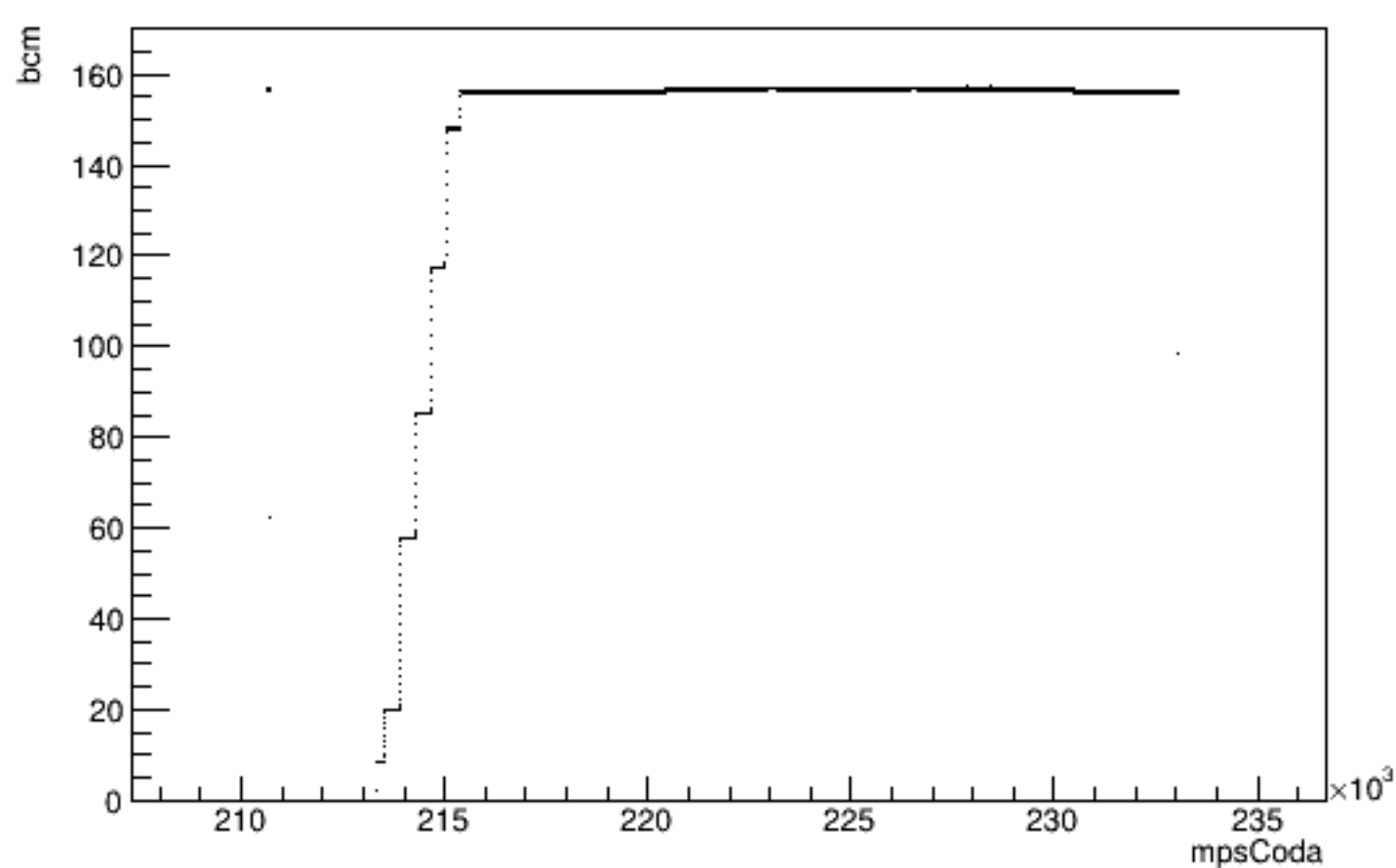
beamState + 1:mpsCoda {mpsCoda>=210617 && mpsCoda<=233896}



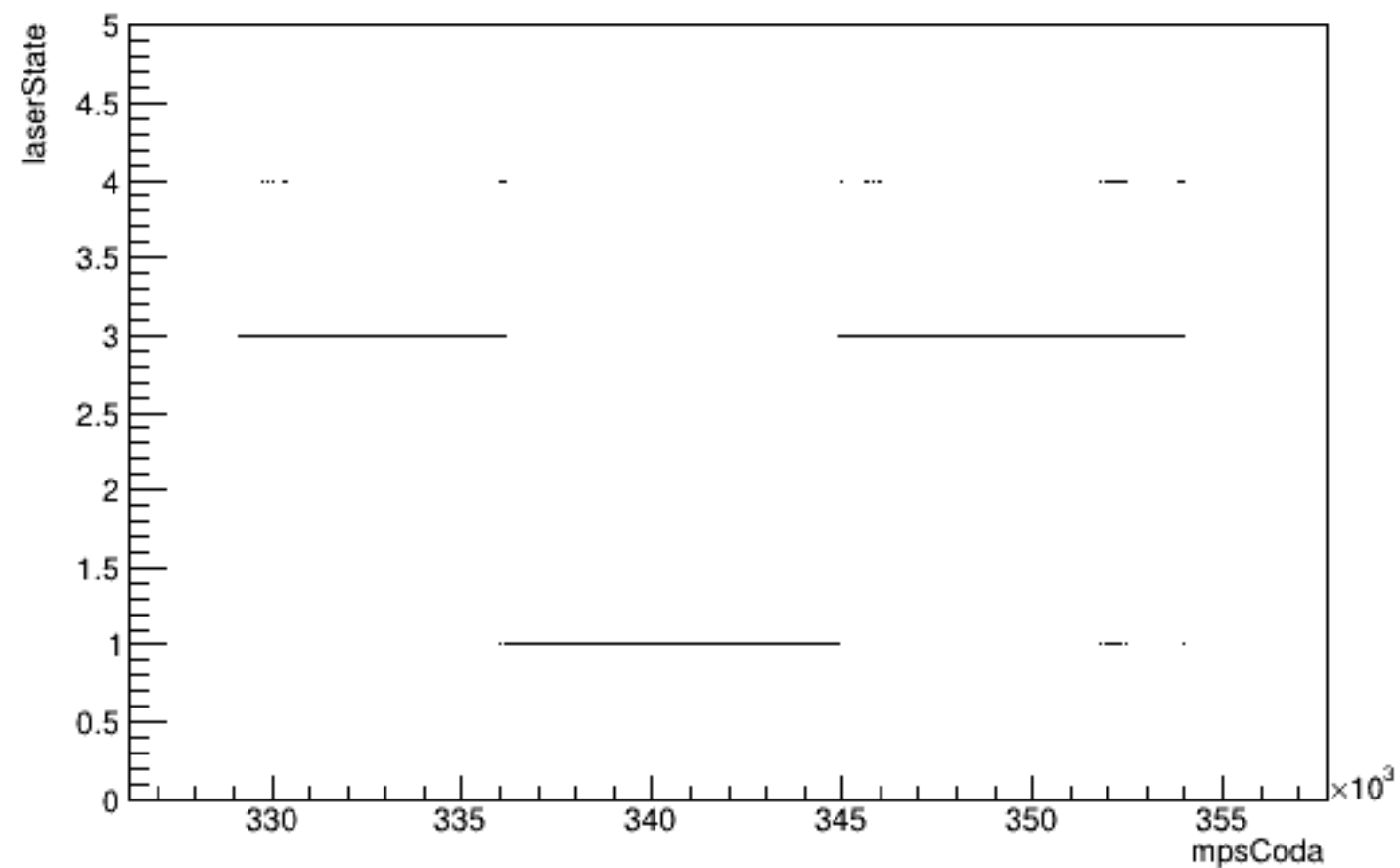
cavPowerCalibrated:mpsCoda {mpsCoda>=210617 && mpsCoda<=233896}



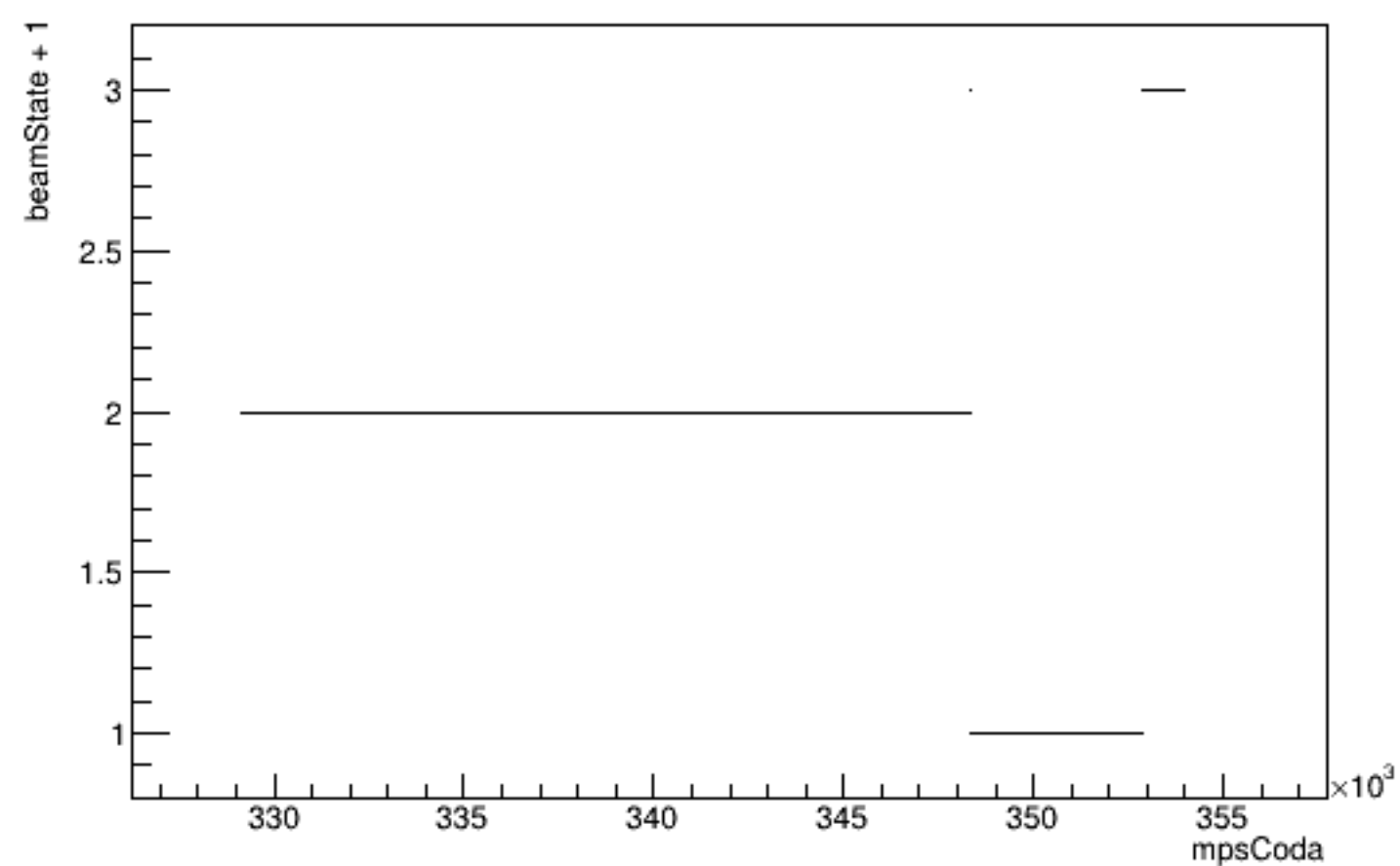
bcm:mpsCoda {mpsCoda>=210617 && mpsCoda<=233896}



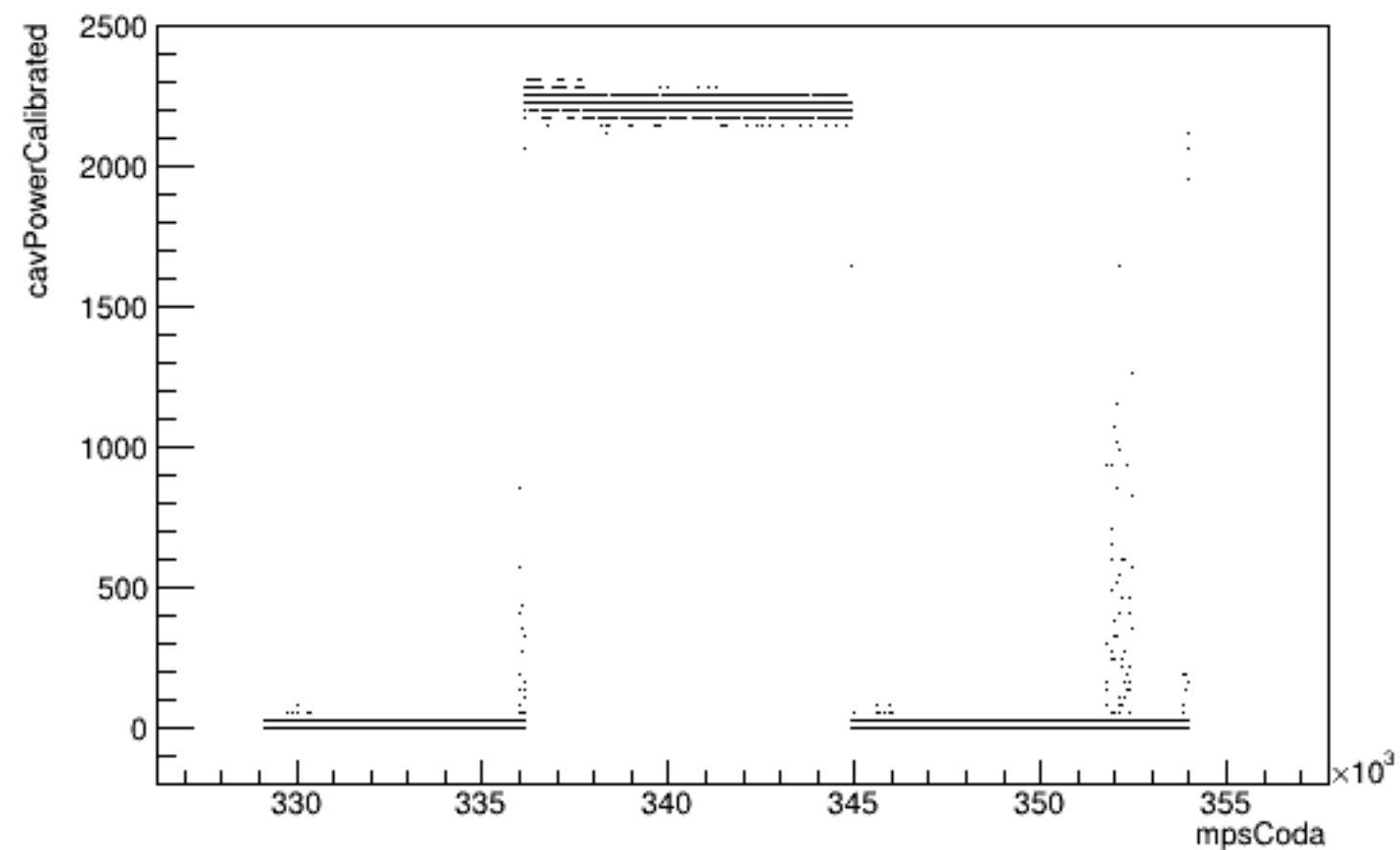
laserState:mpsCoda {mpsCoda>=329145 && mpsCoda<=353956}



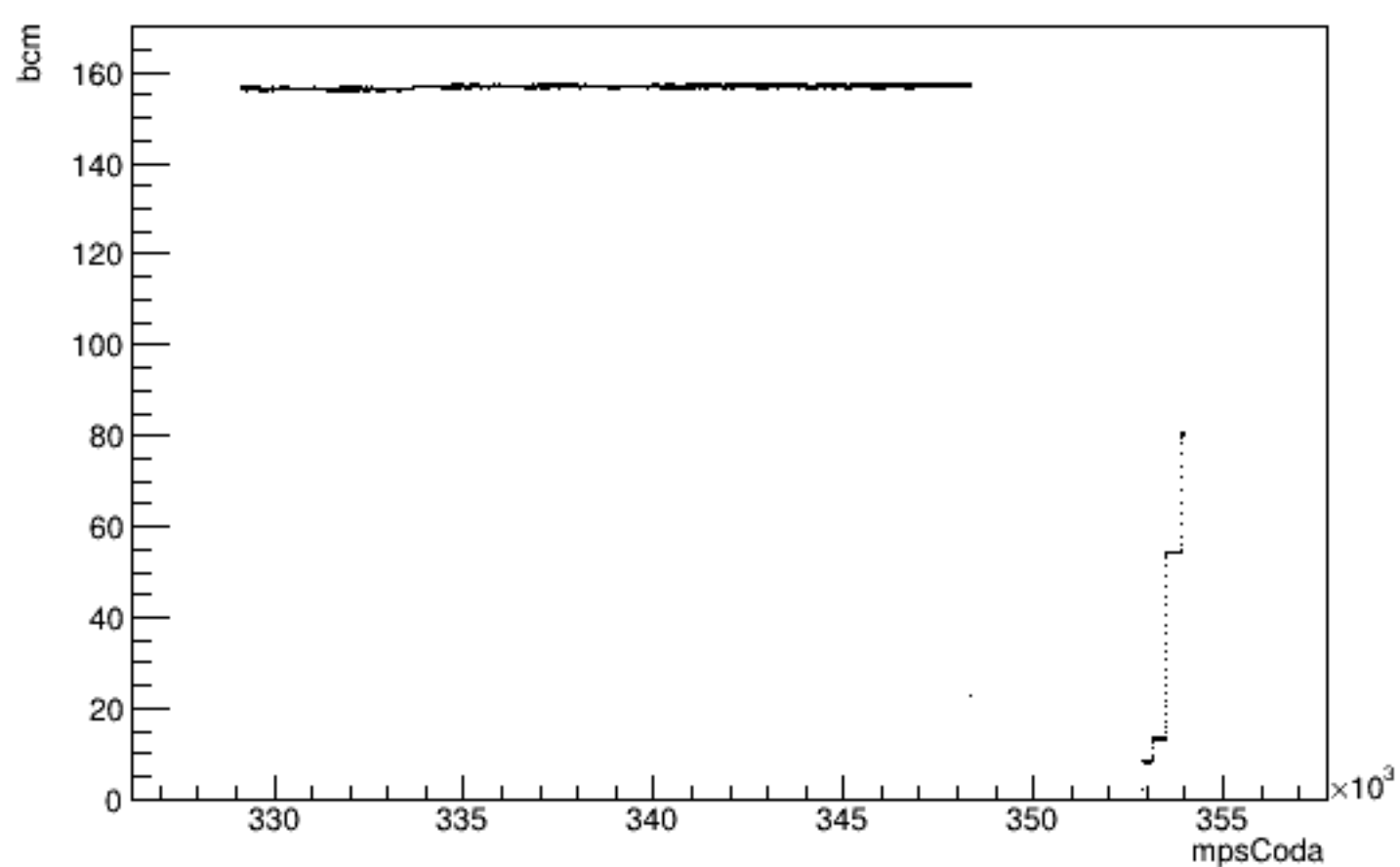
beamState + 1:mpsCoda {mpsCoda>=329145 && mpsCoda<=353956}



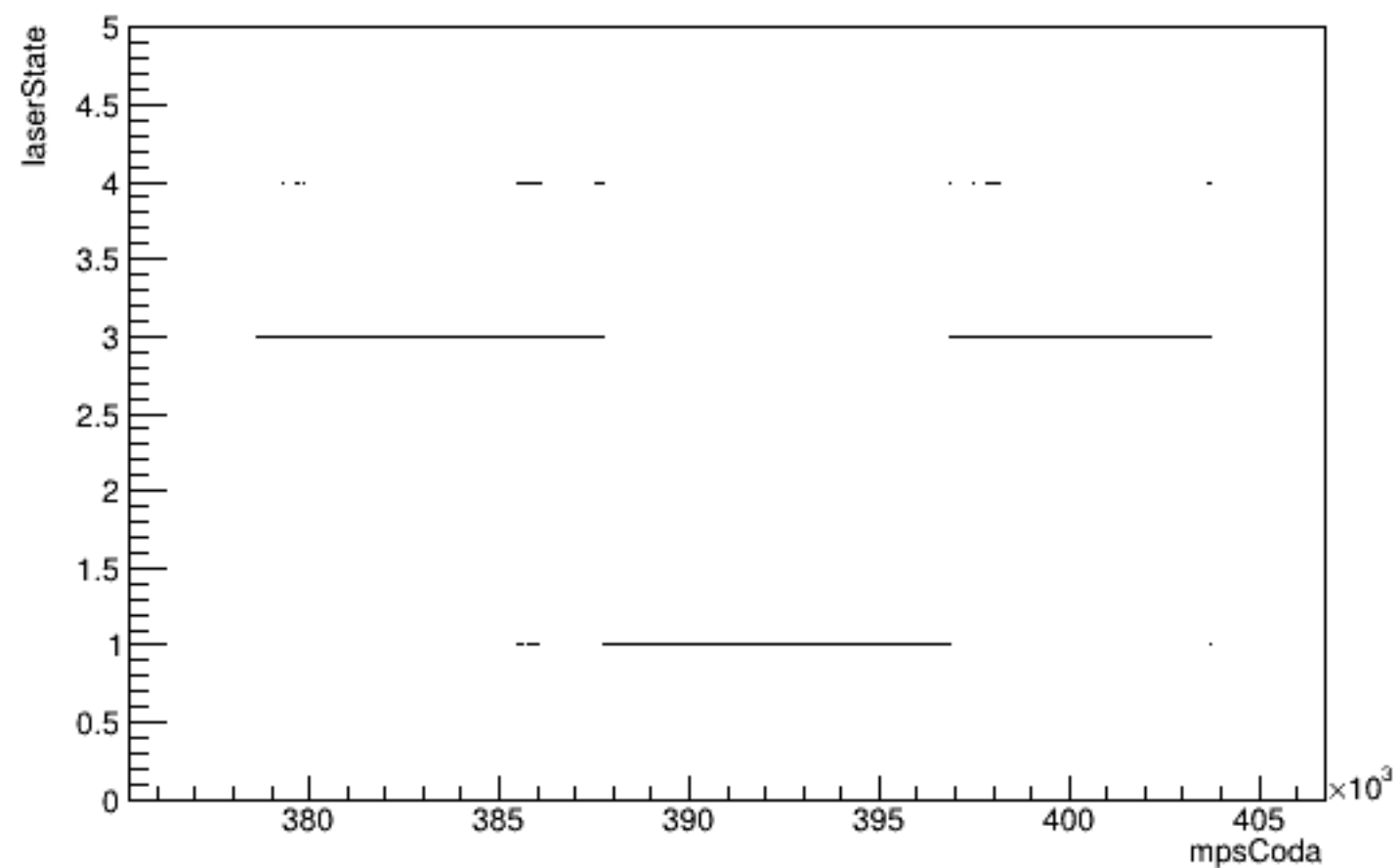
cavPowerCalibrated:mpsCoda {mpsCoda>=329145 && mpsCoda<=353956}



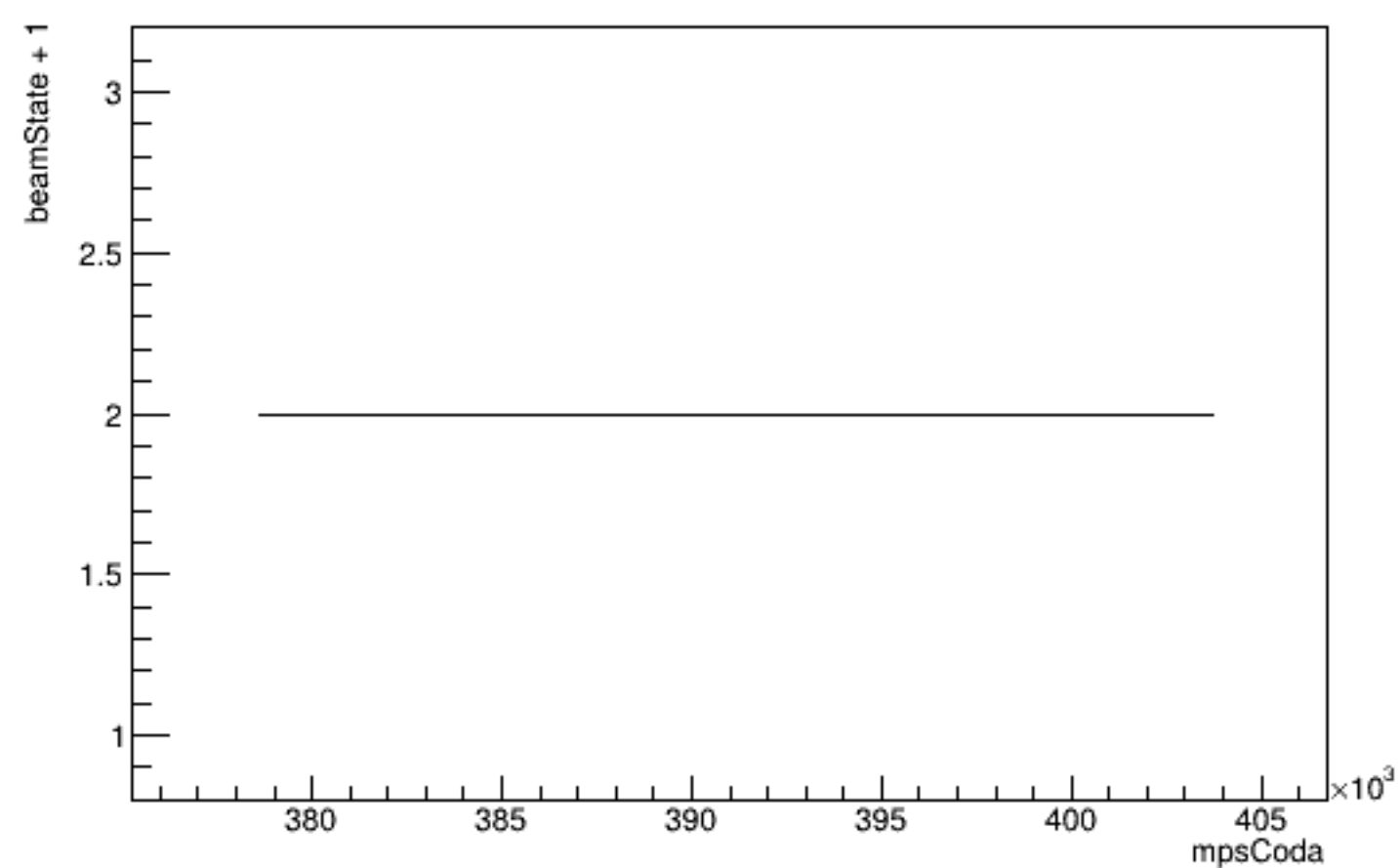
bcm:mpsCoda {mpsCoda>=329145 && mpsCoda<=353956}



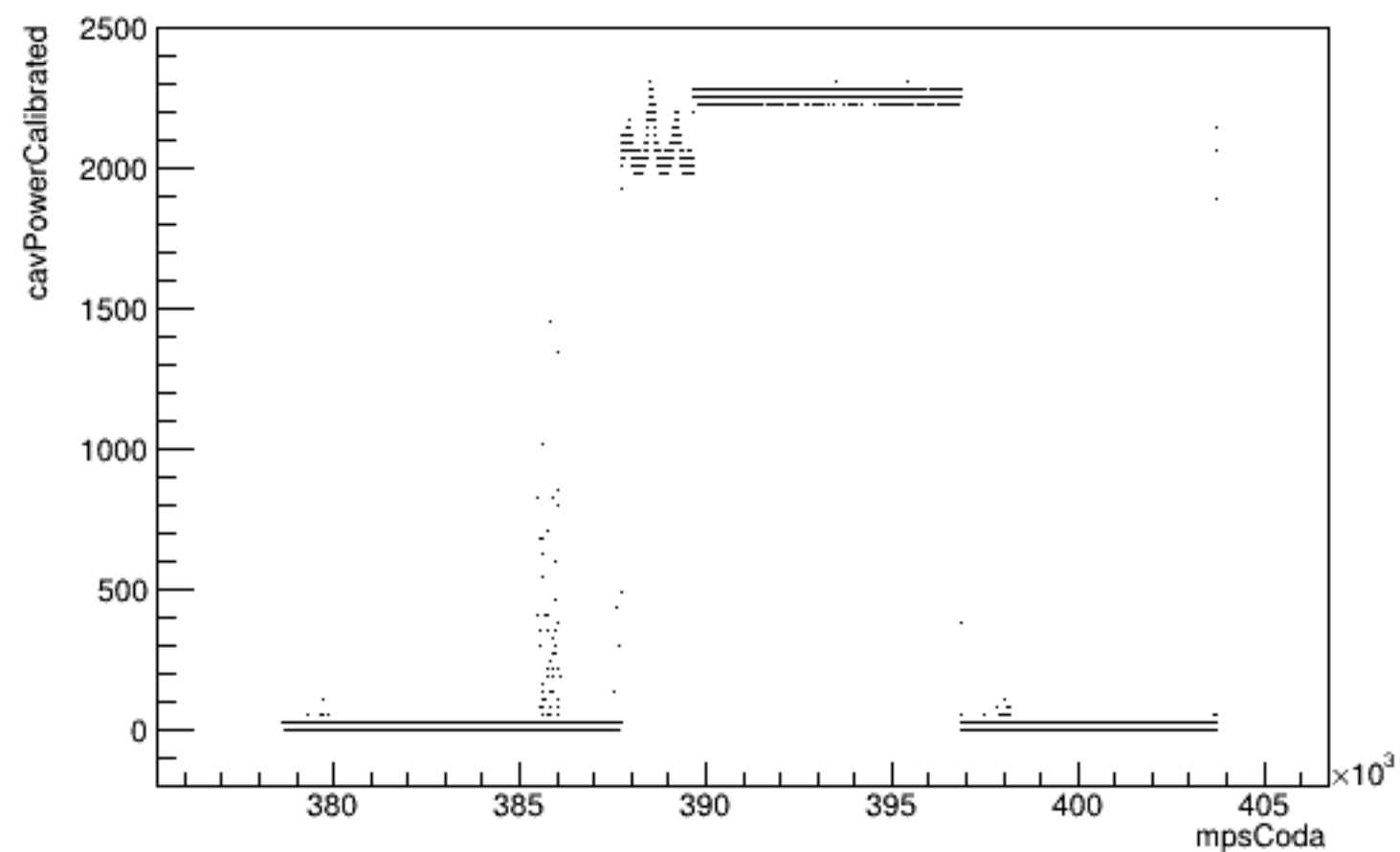
laserState:mpsCoda {mpsCoda>=378653 && mpsCoda<=403716}



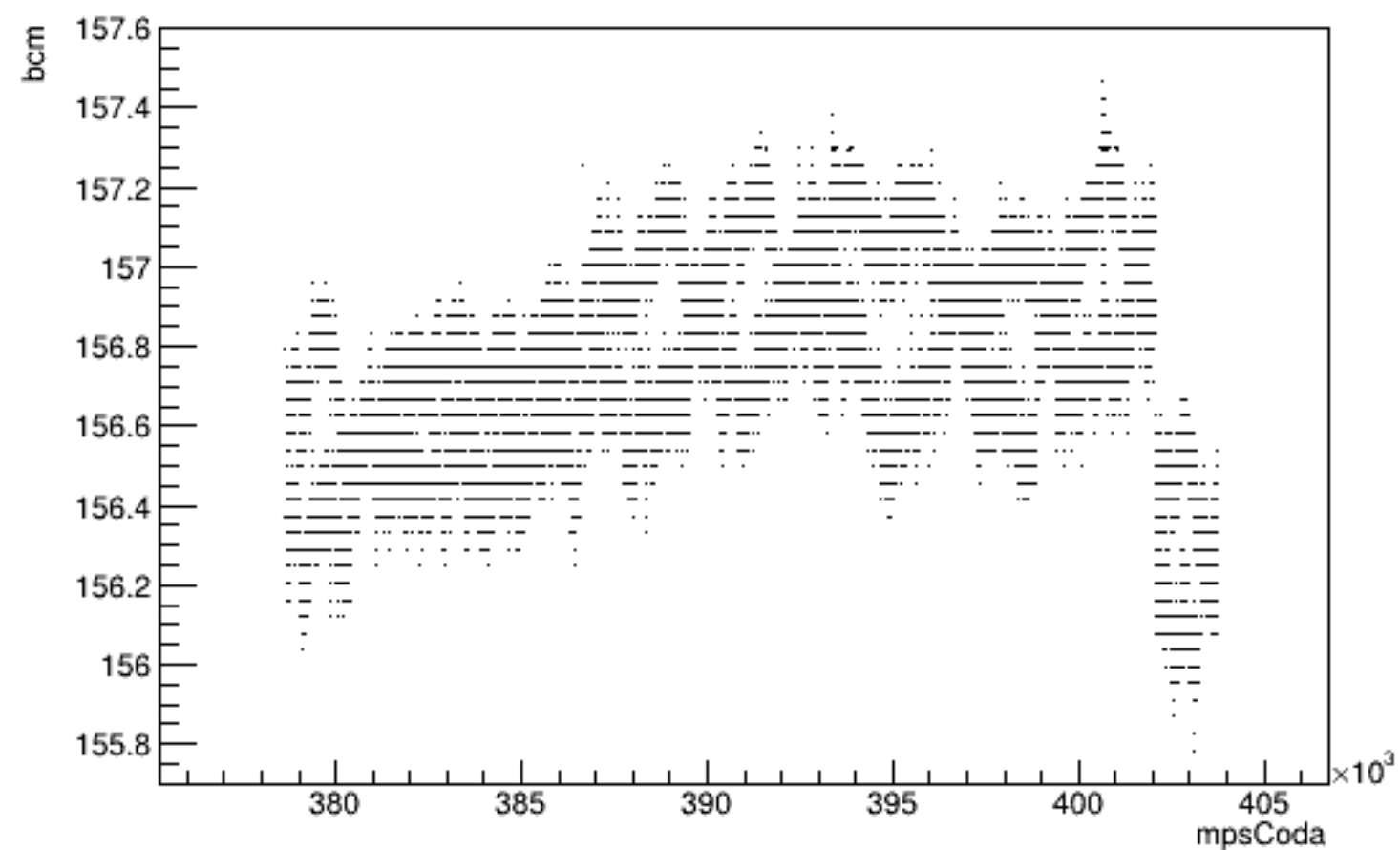
beamState + 1:mpsCoda {mpsCoda>=378653 && mpsCoda<=403716}



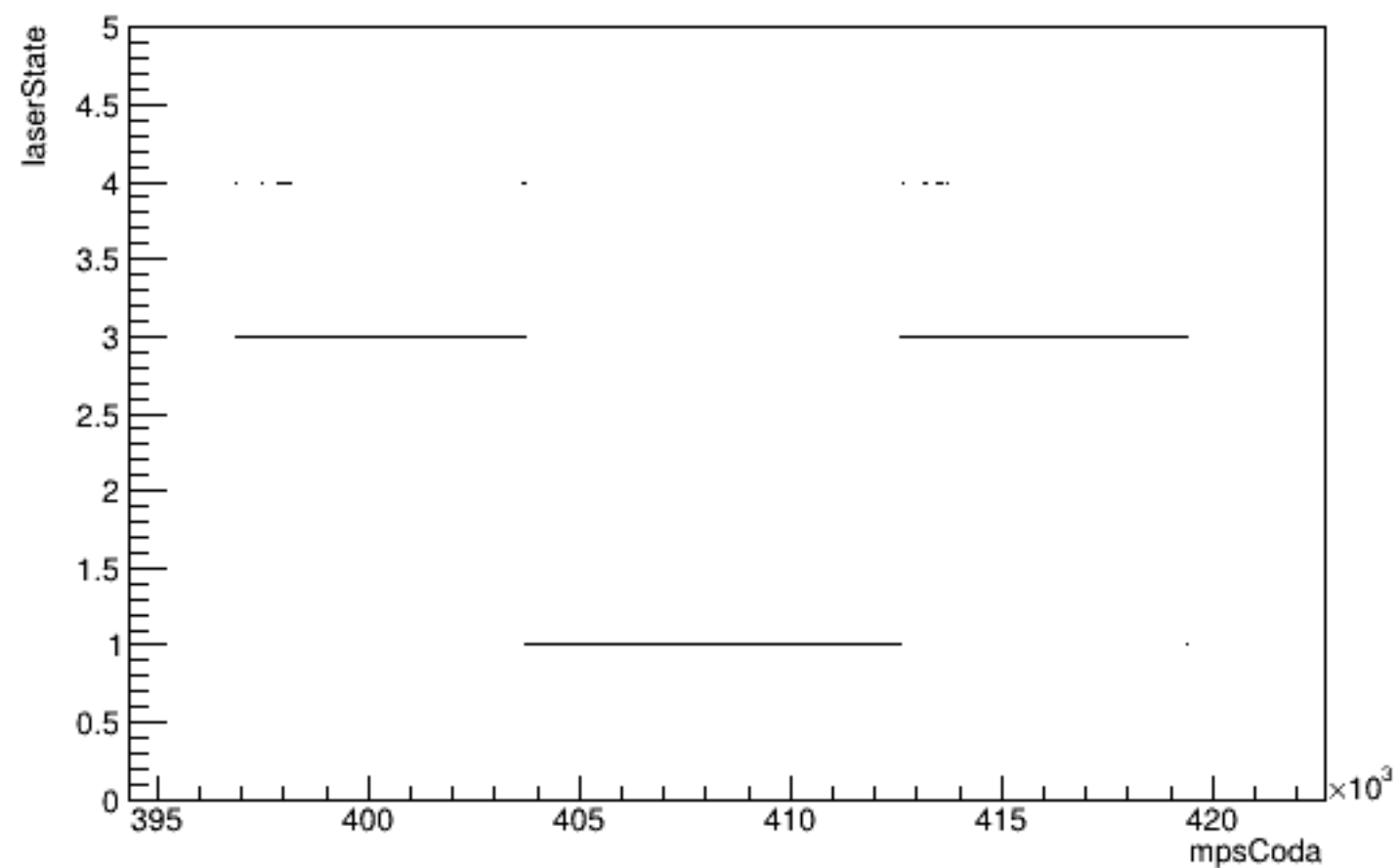
cavPowerCalibrated:mpsCoda {mpsCoda>=378653 && mpsCoda<=403716}



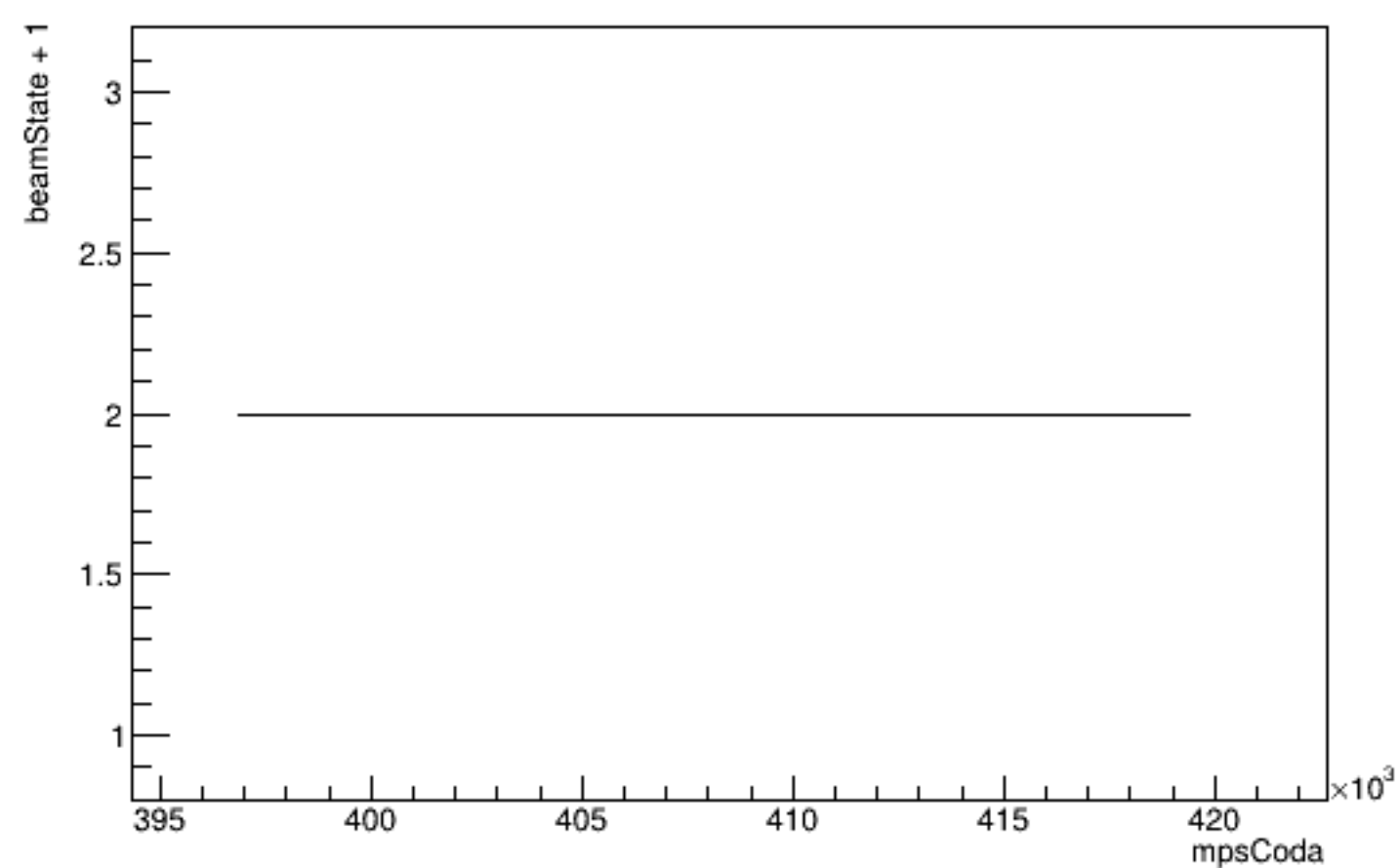
bcm:mpsCoda {mpsCoda>=378653 && mpsCoda<=403716}



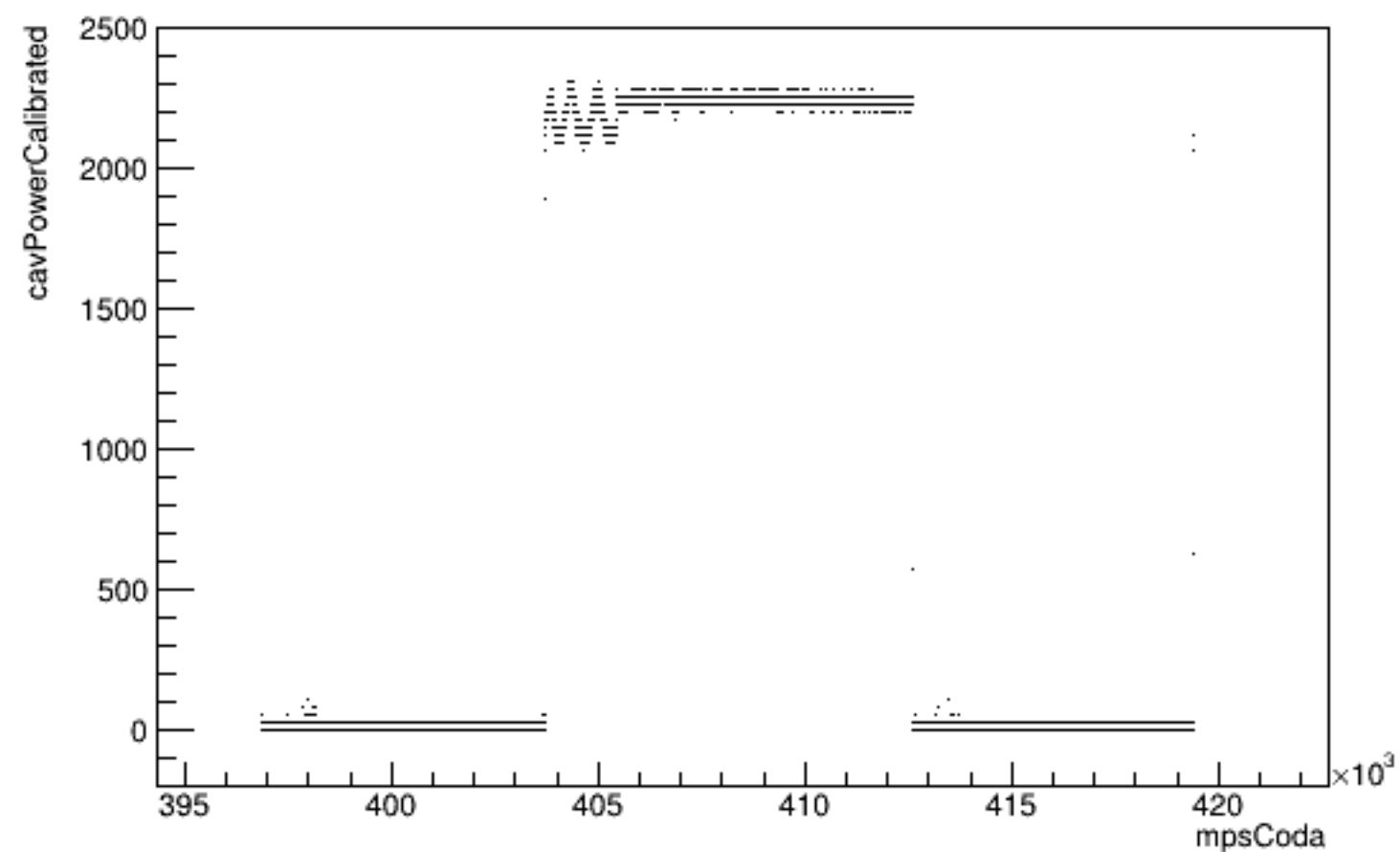
laserState:mpsCoda {mpsCoda>=396861 && mpsCoda<=419396}



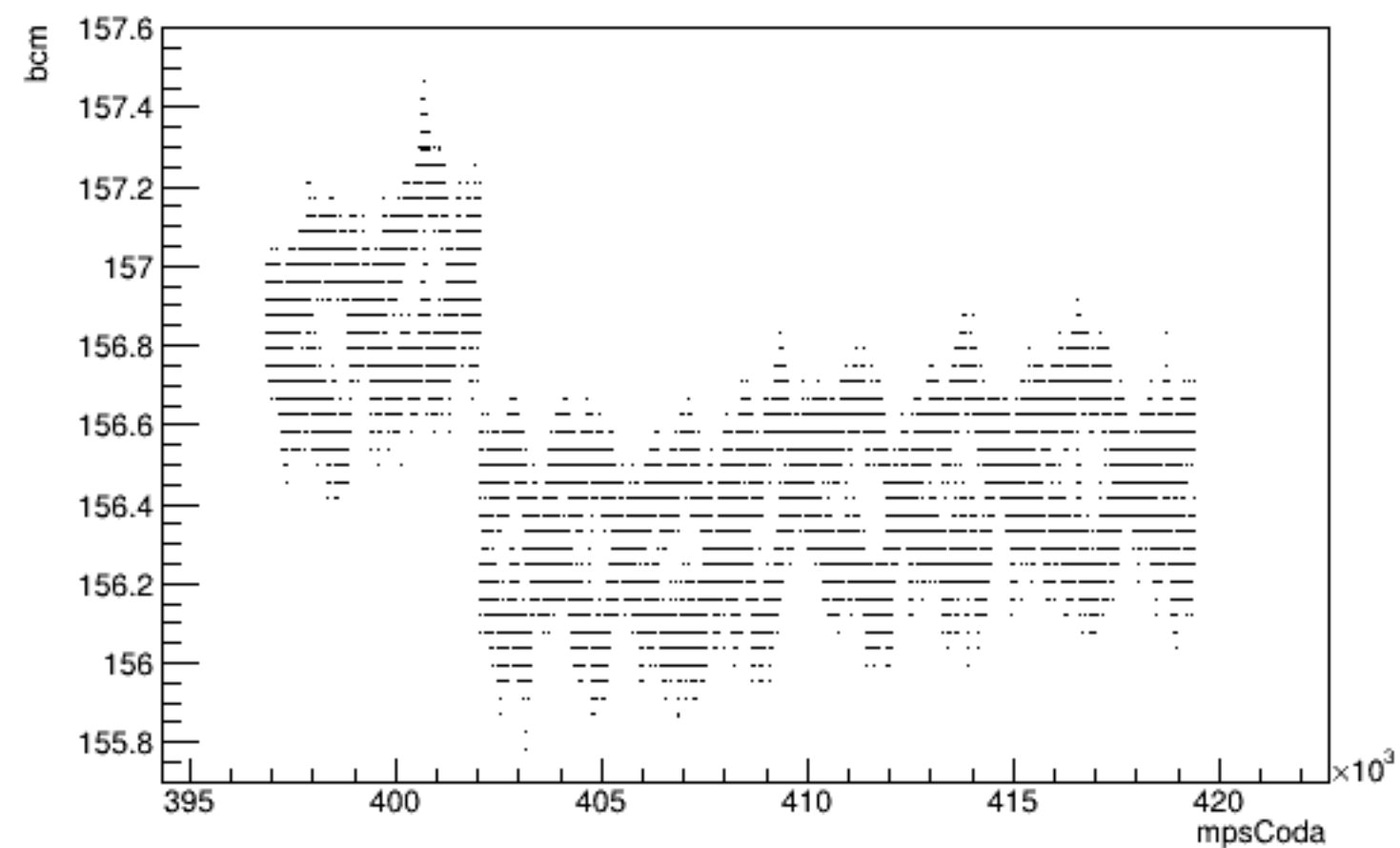
beamState + 1:mpsCoda {mpsCoda>=396861 && mpsCoda<=419396}



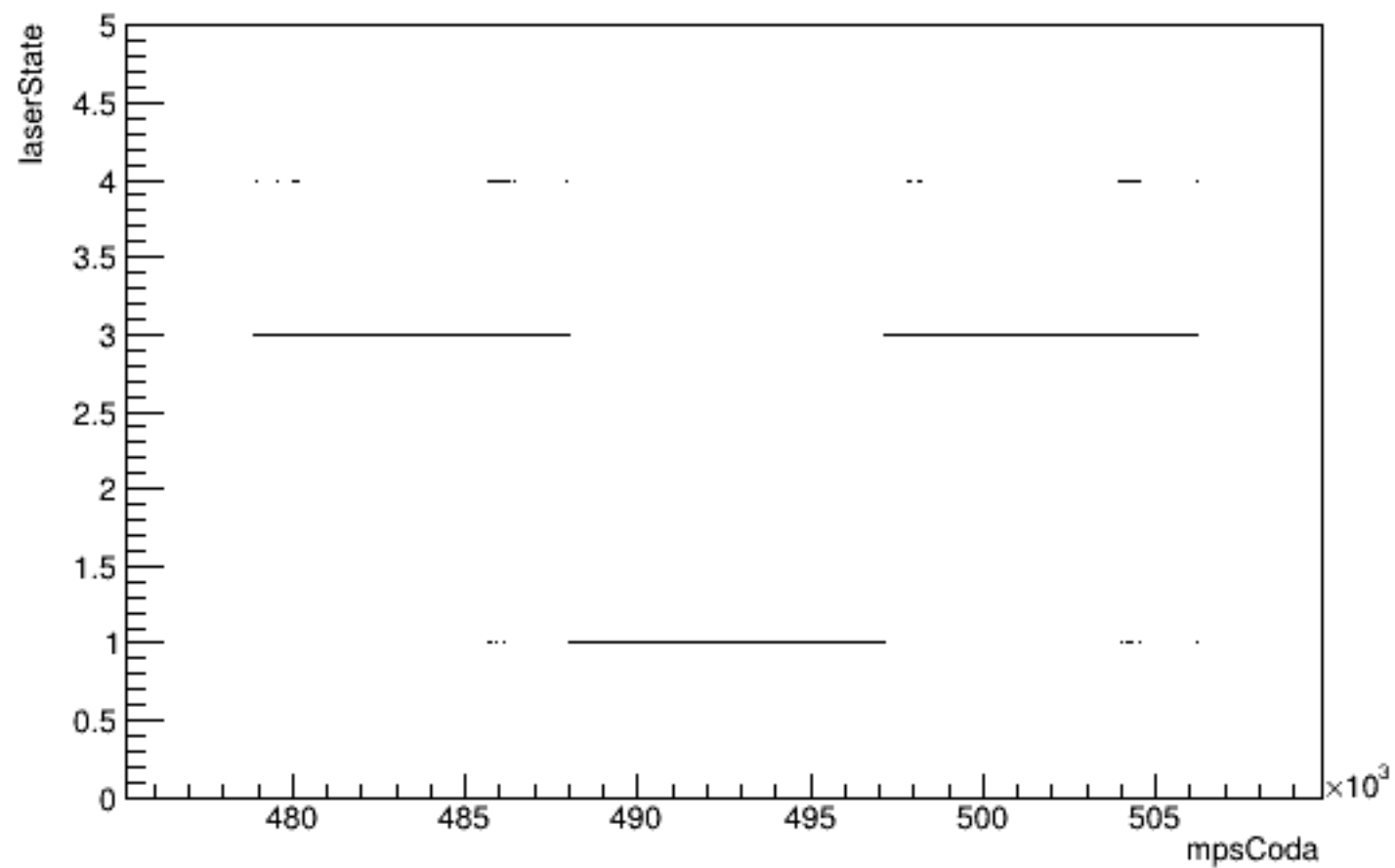
cavPowerCalibrated:mpsCoda {mpsCoda>=396861 && mpsCoda<=419396}



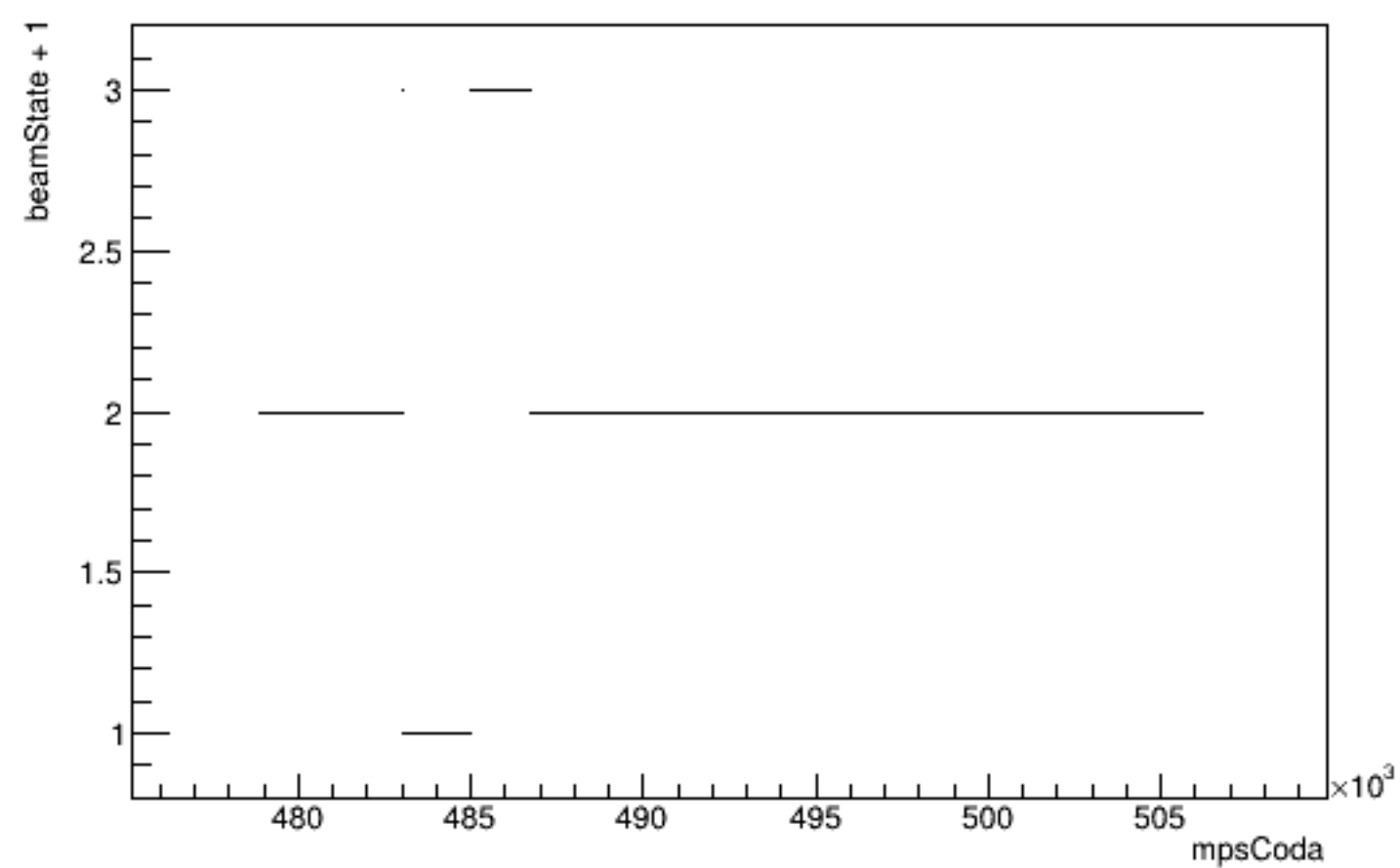
bcm:mpsCoda {mpsCoda>=396861 && mpsCoda<=419396}



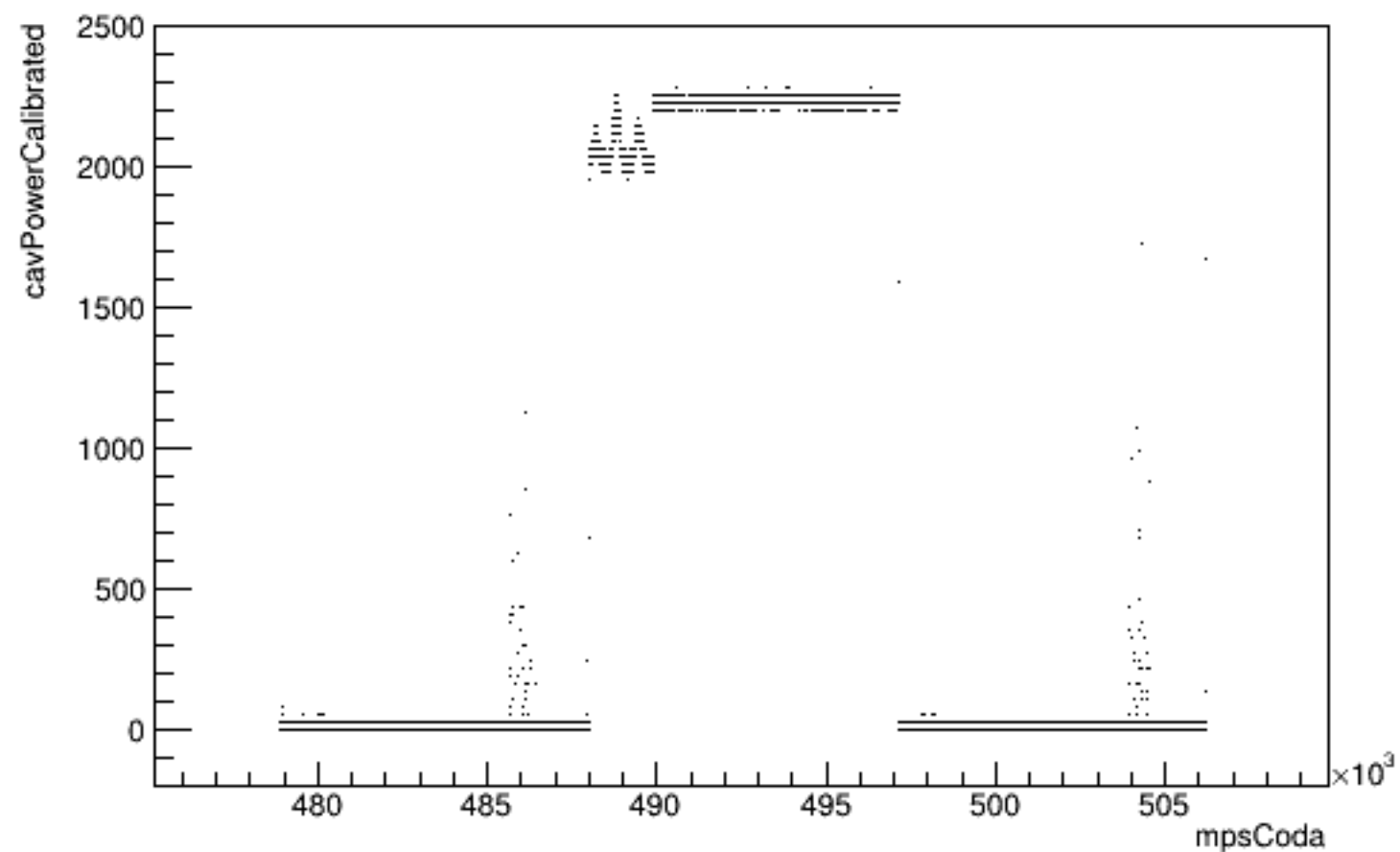
laserState:mpsCoda {mpsCoda>=478913 && mpsCoda<=506200}



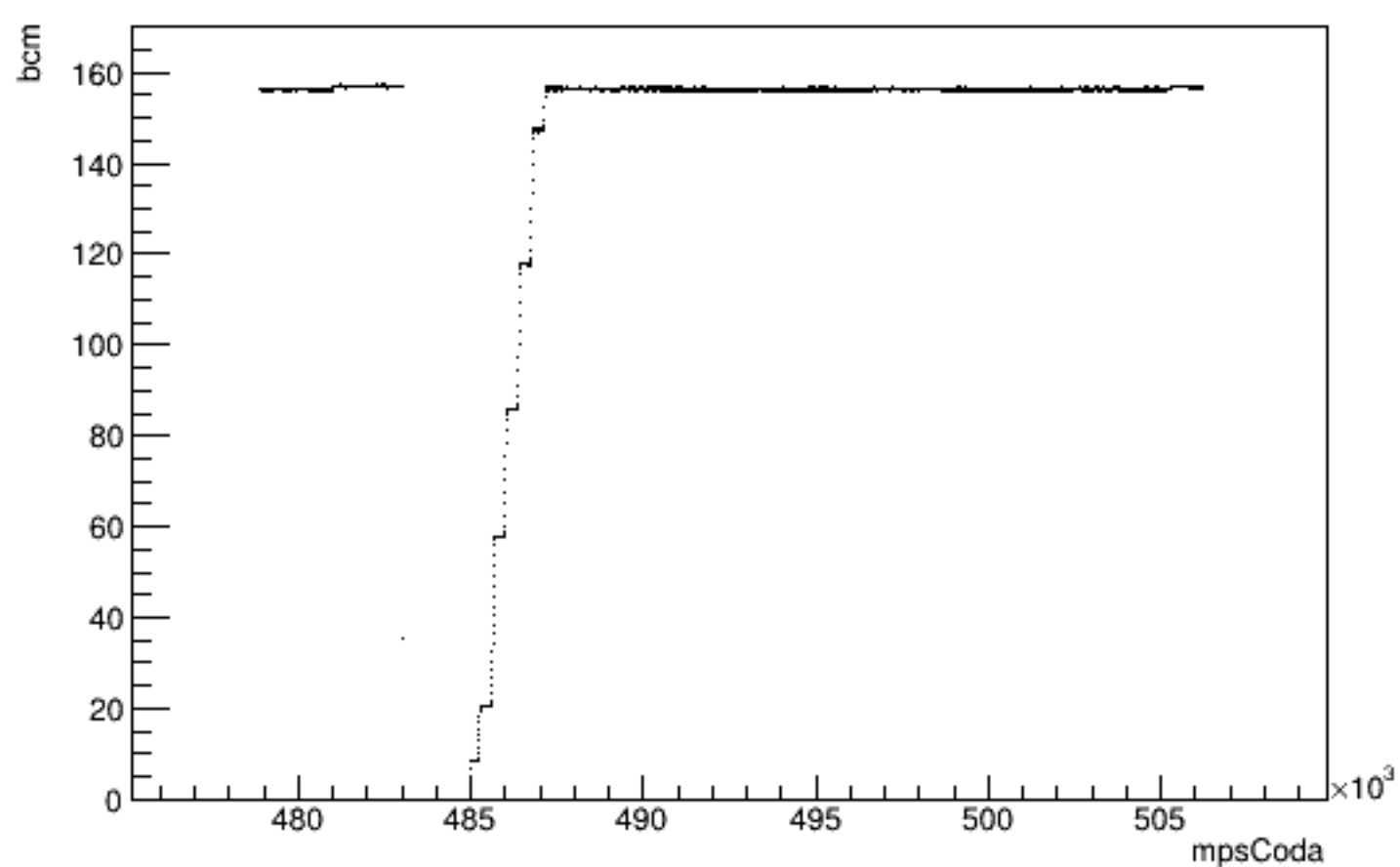
beamState + 1:mpsCoda {mpsCoda>=478913 && mpsCoda<=506200}



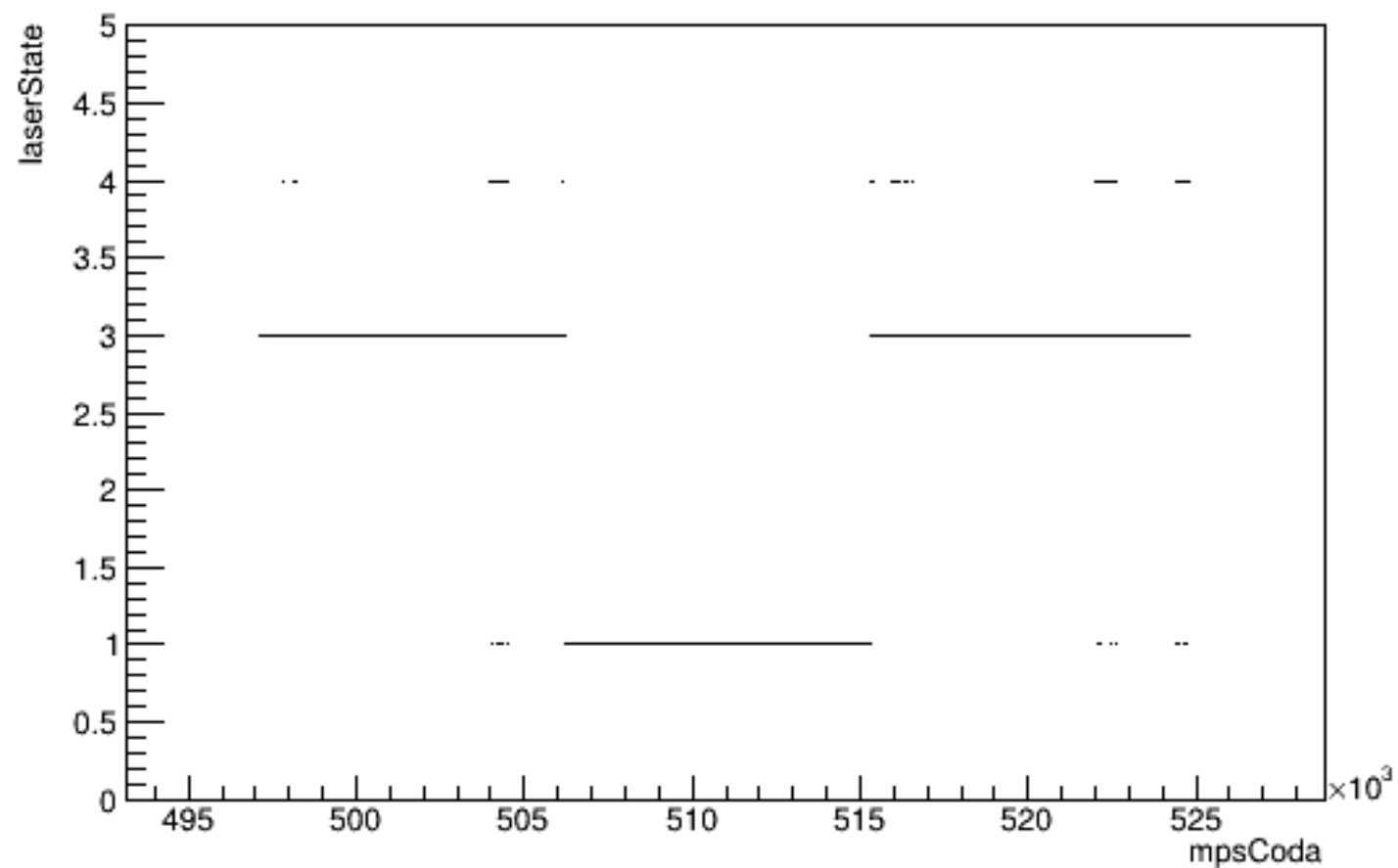
cavPowerCalibrated:mpsCoda {mpsCoda>=478913 && mpsCoda<=506200}



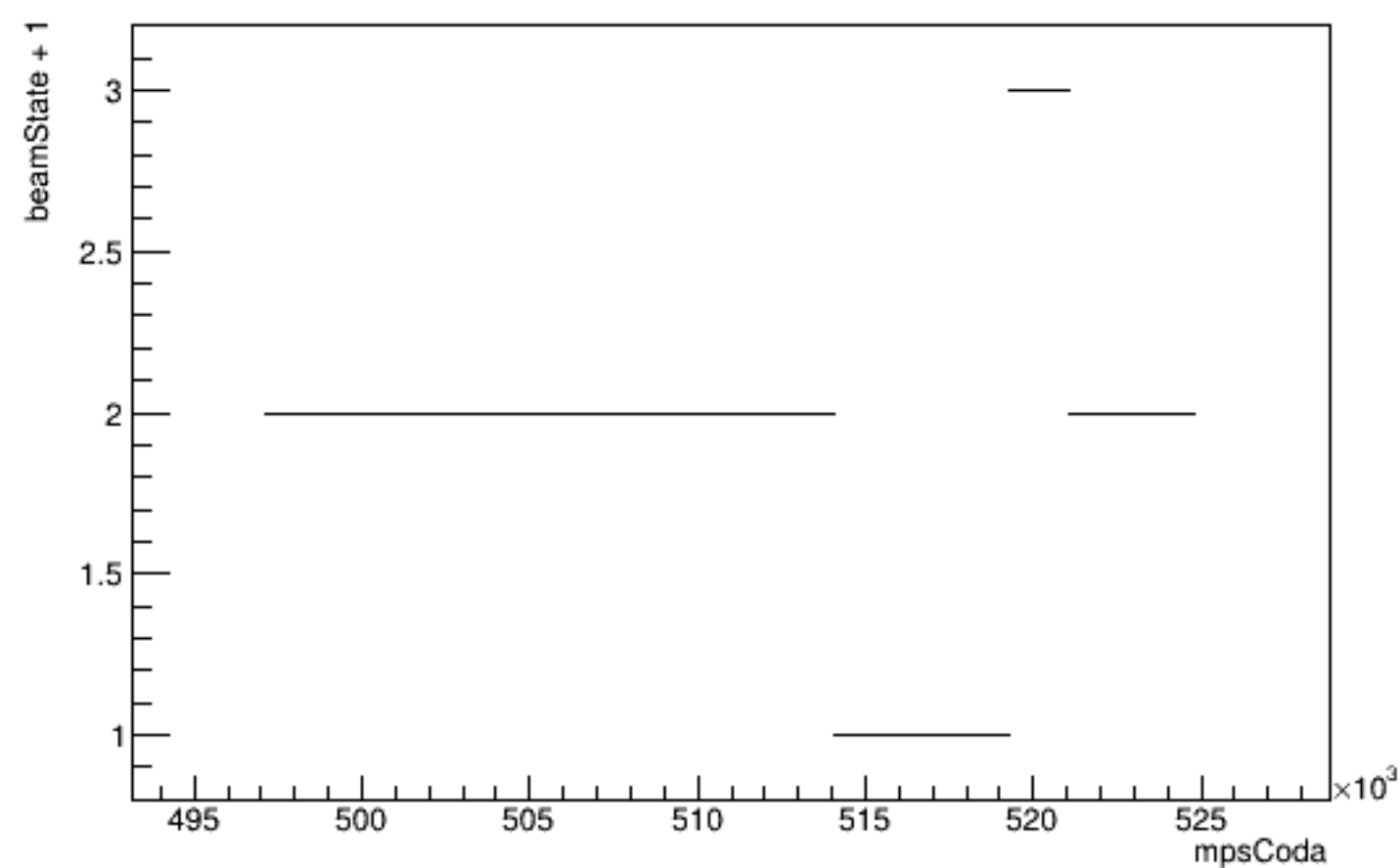
bcm:mpsCoda {mpsCoda>=478913 && mpsCoda<=506200}



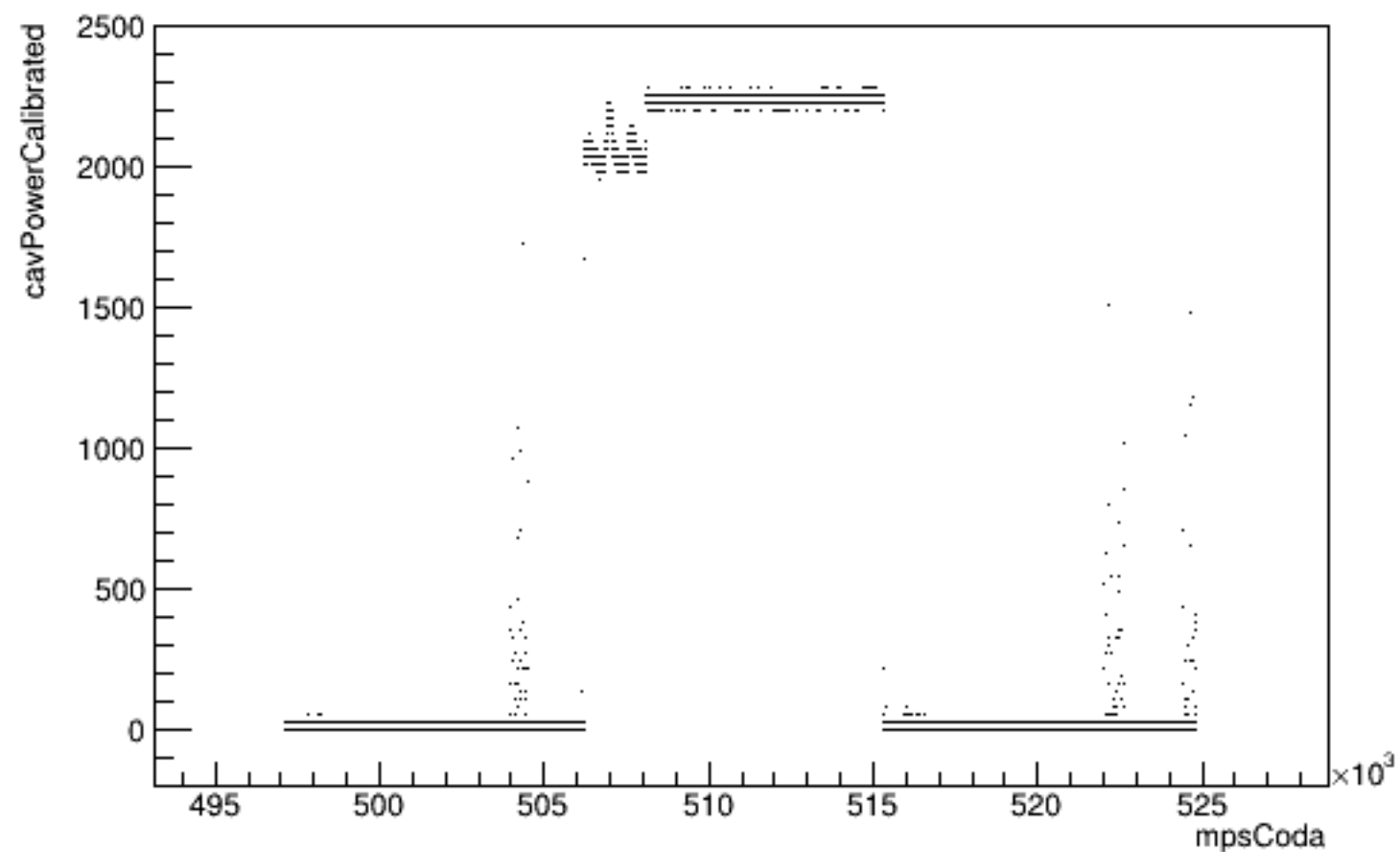
laserState:mpsCoda {mpsCoda>=497113 && mpsCoda<=524832}



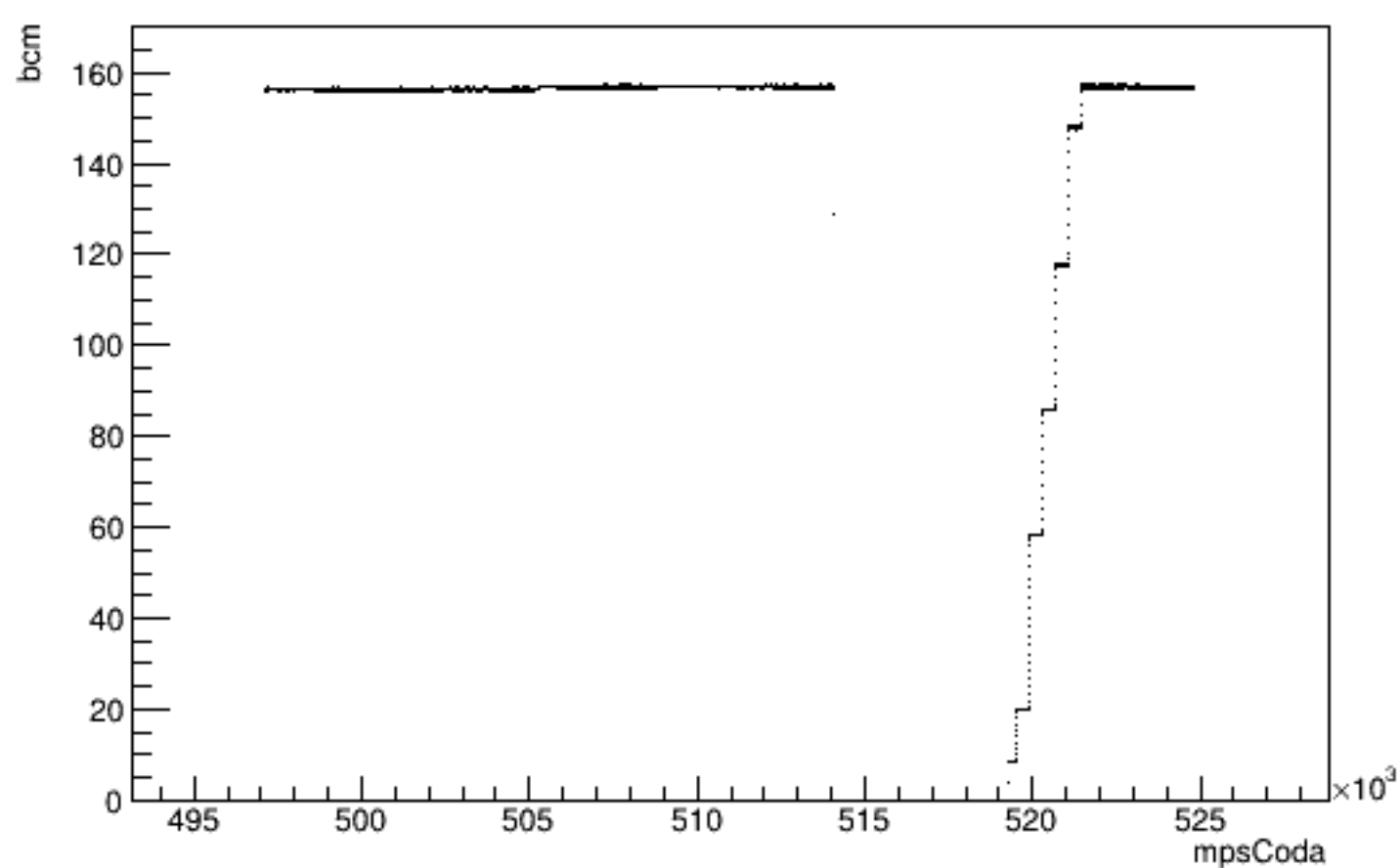
beamState + 1:mpsCoda {mpsCoda>=497113 && mpsCoda<=524832}



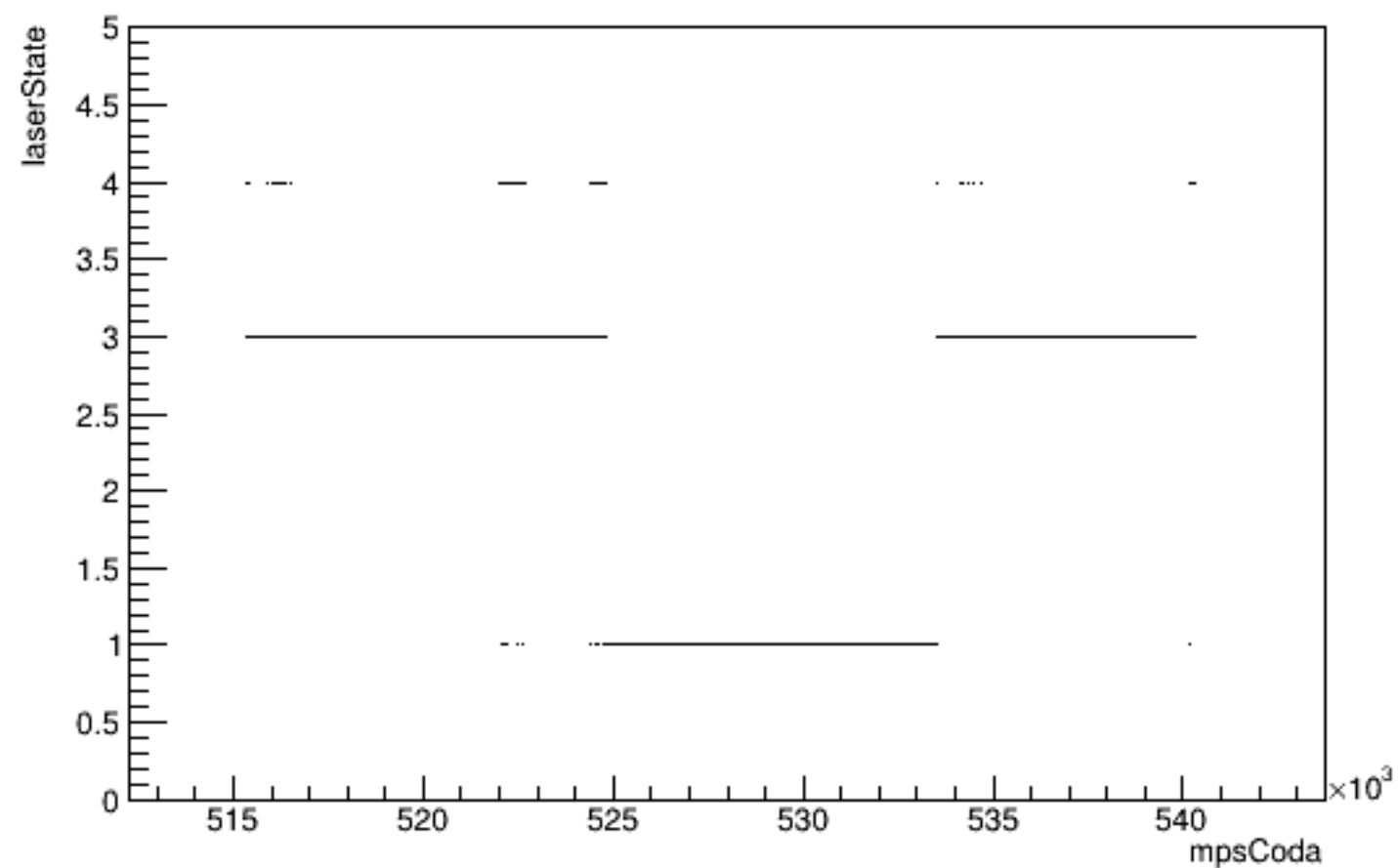
cavPowerCalibrated:mpsCoda {mpsCoda>=497113 && mpsCoda<=524832}



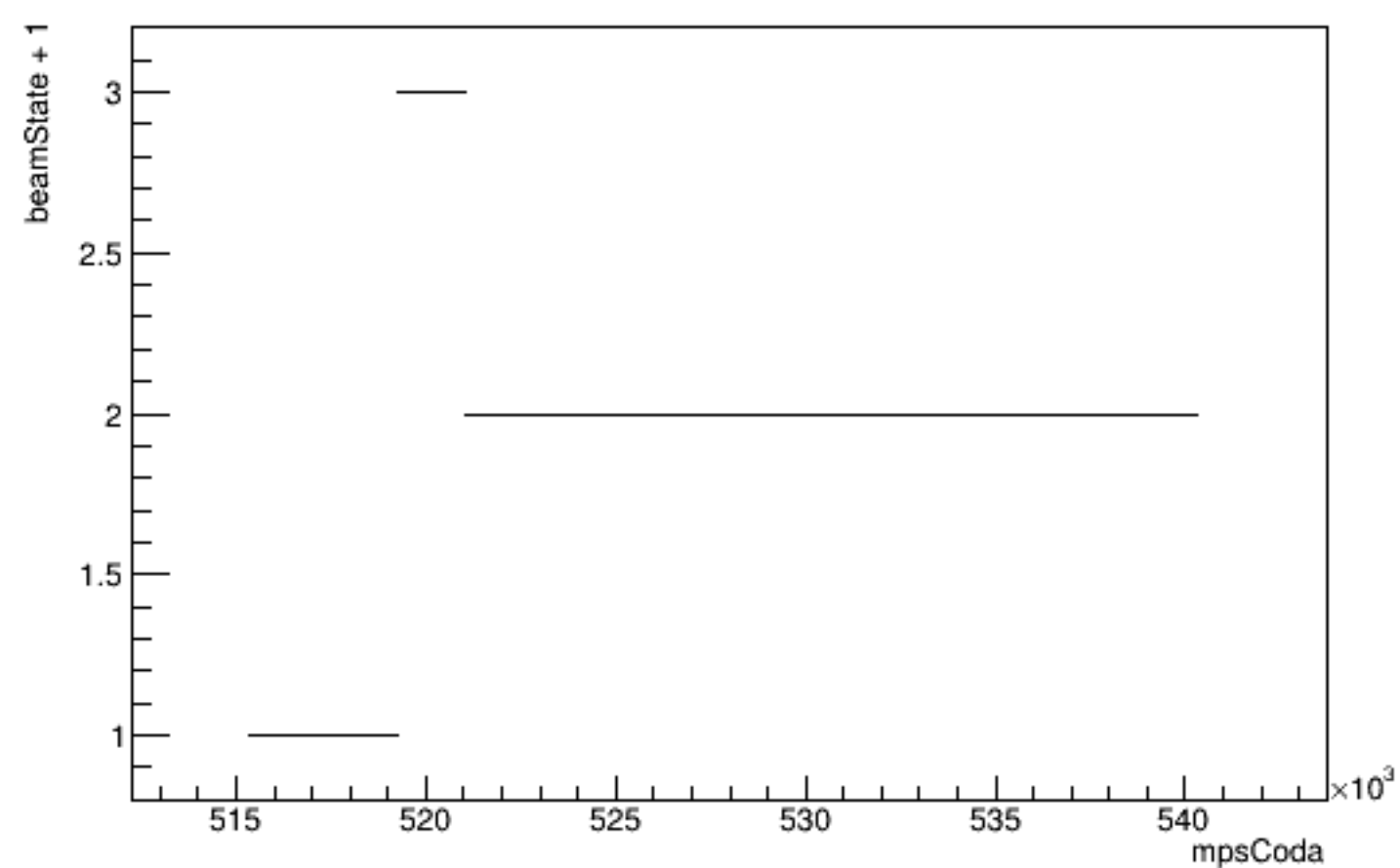
bcm:mpsCoda {mpsCoda>=497113 && mpsCoda<=524832}



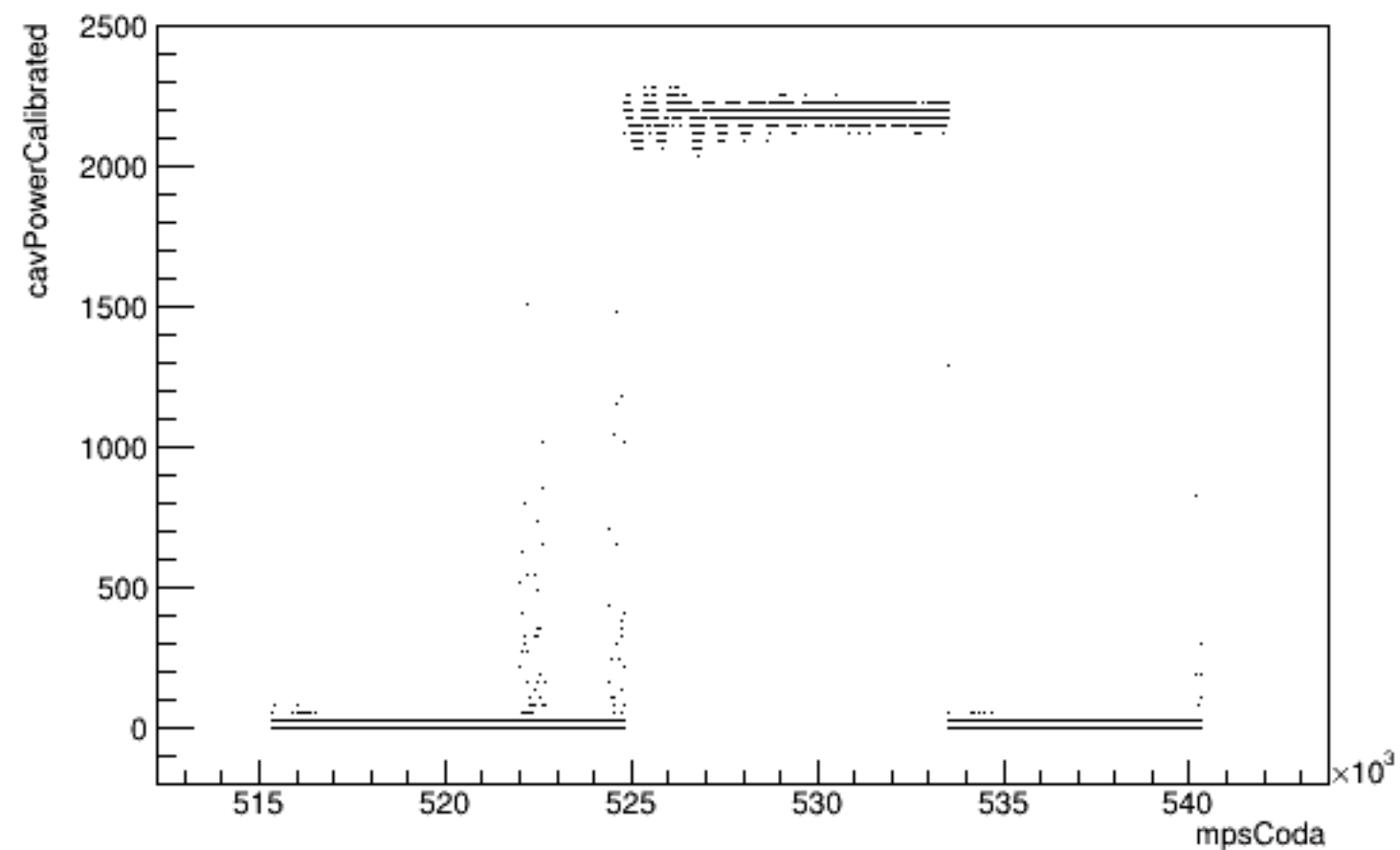
laserState:mpsCoda {mpsCoda>=515325 && mpsCoda<=540316}



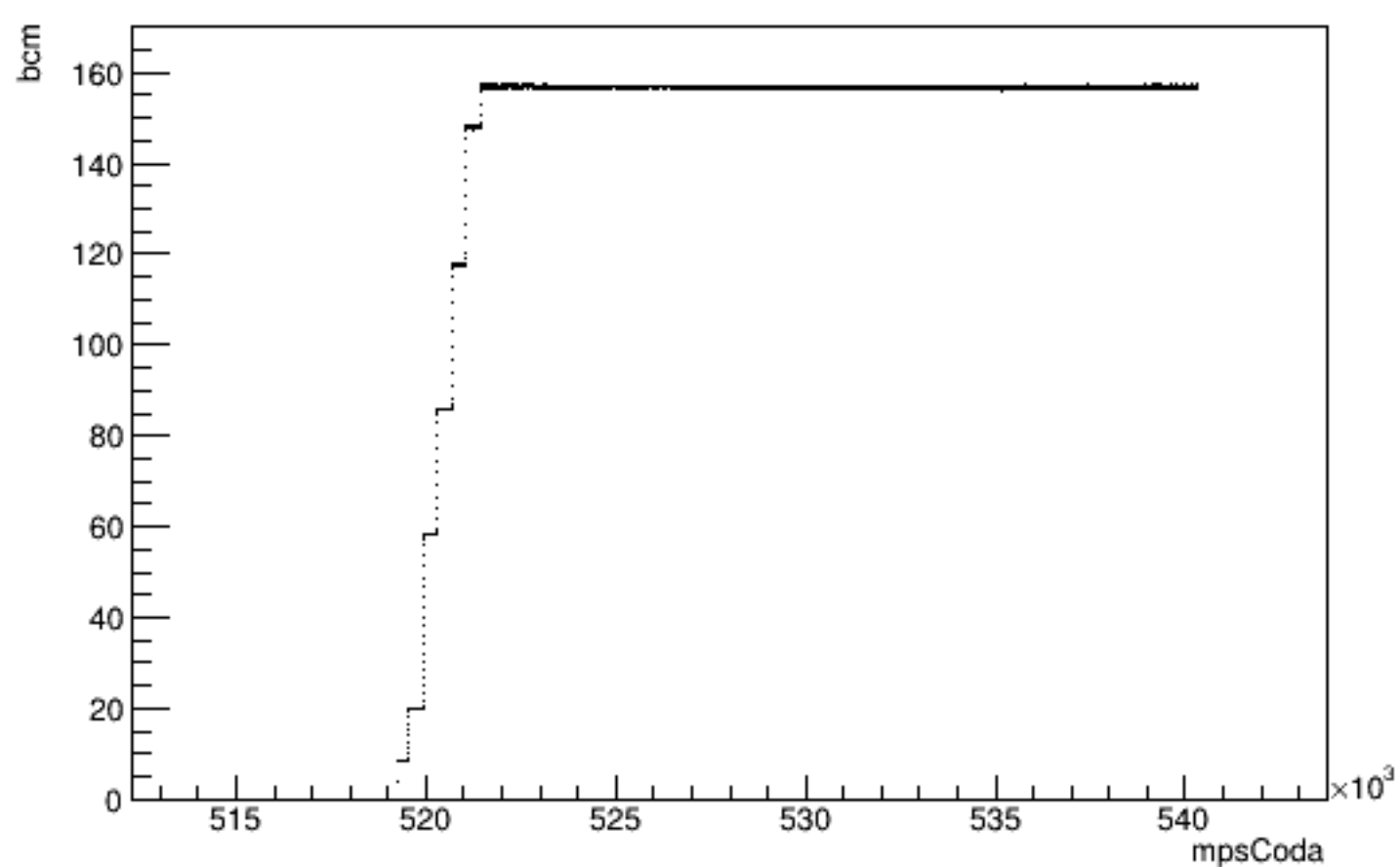
beamState + 1:mpsCoda {mpsCoda>=515325 && mpsCoda<=540316}



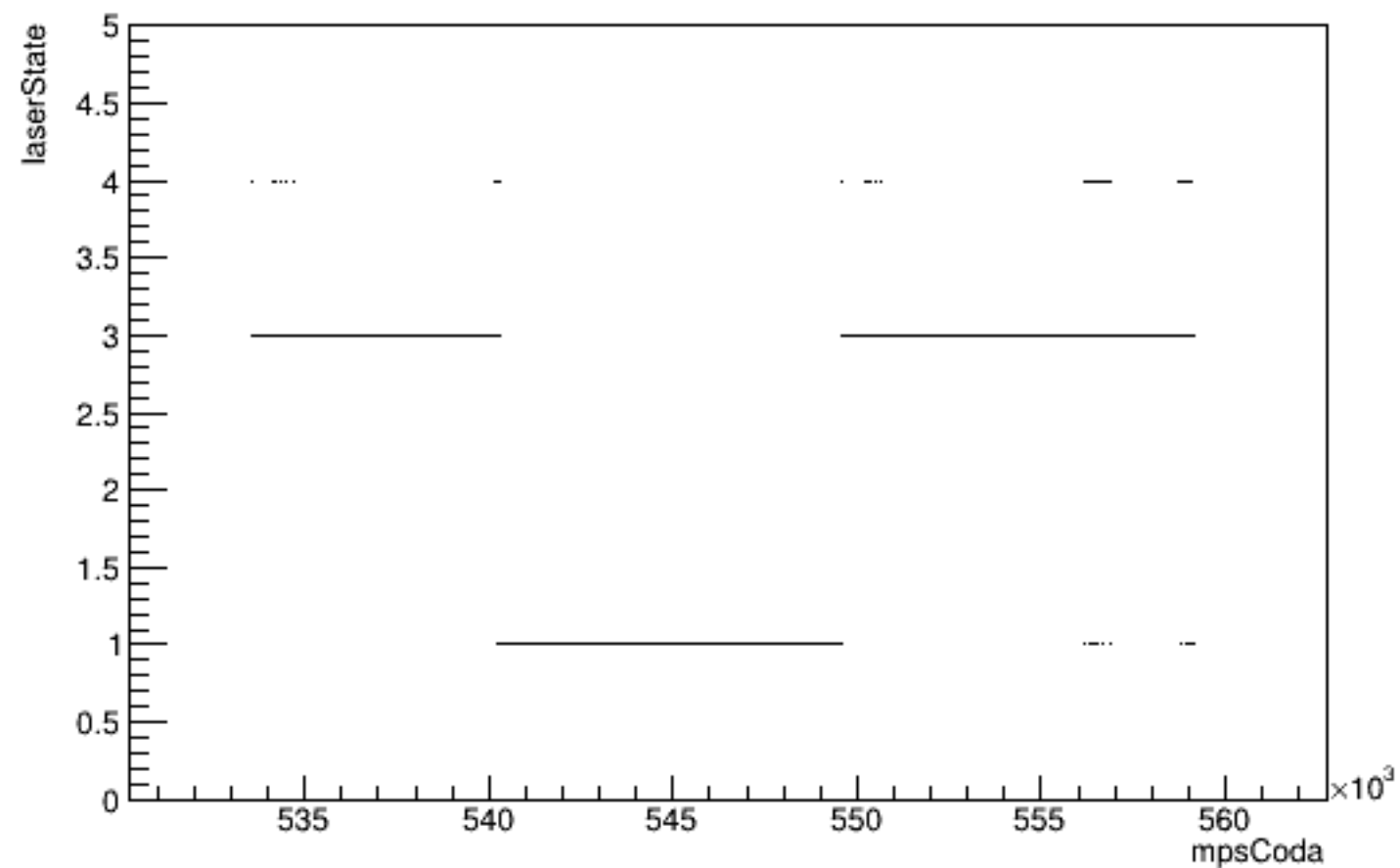
cavPowerCalibrated:mpsCoda {mpsCoda>=515325 && mpsCoda<=540316}



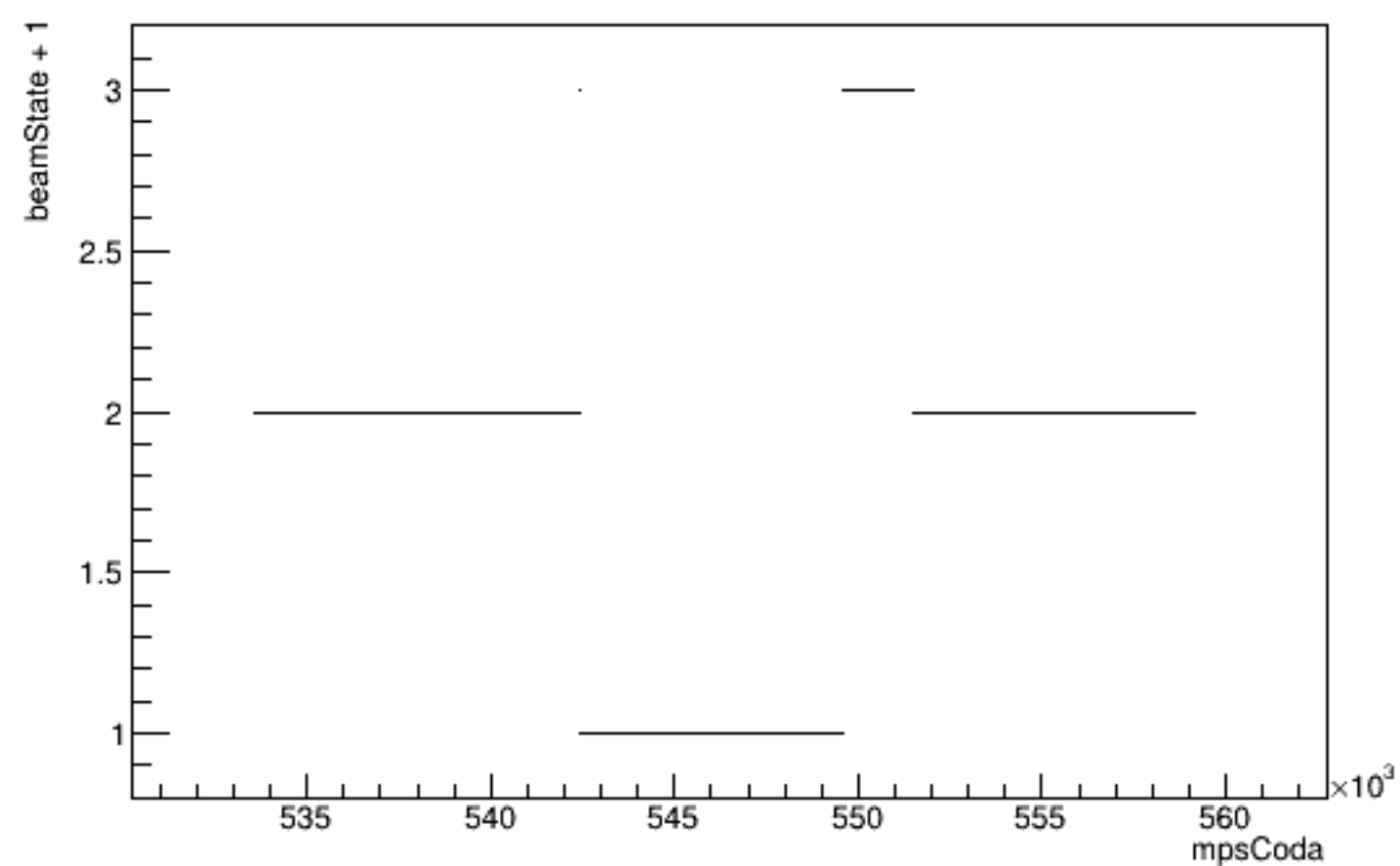
bcm:mpsCoda {mpsCoda>=515325 && mpsCoda<=540316}



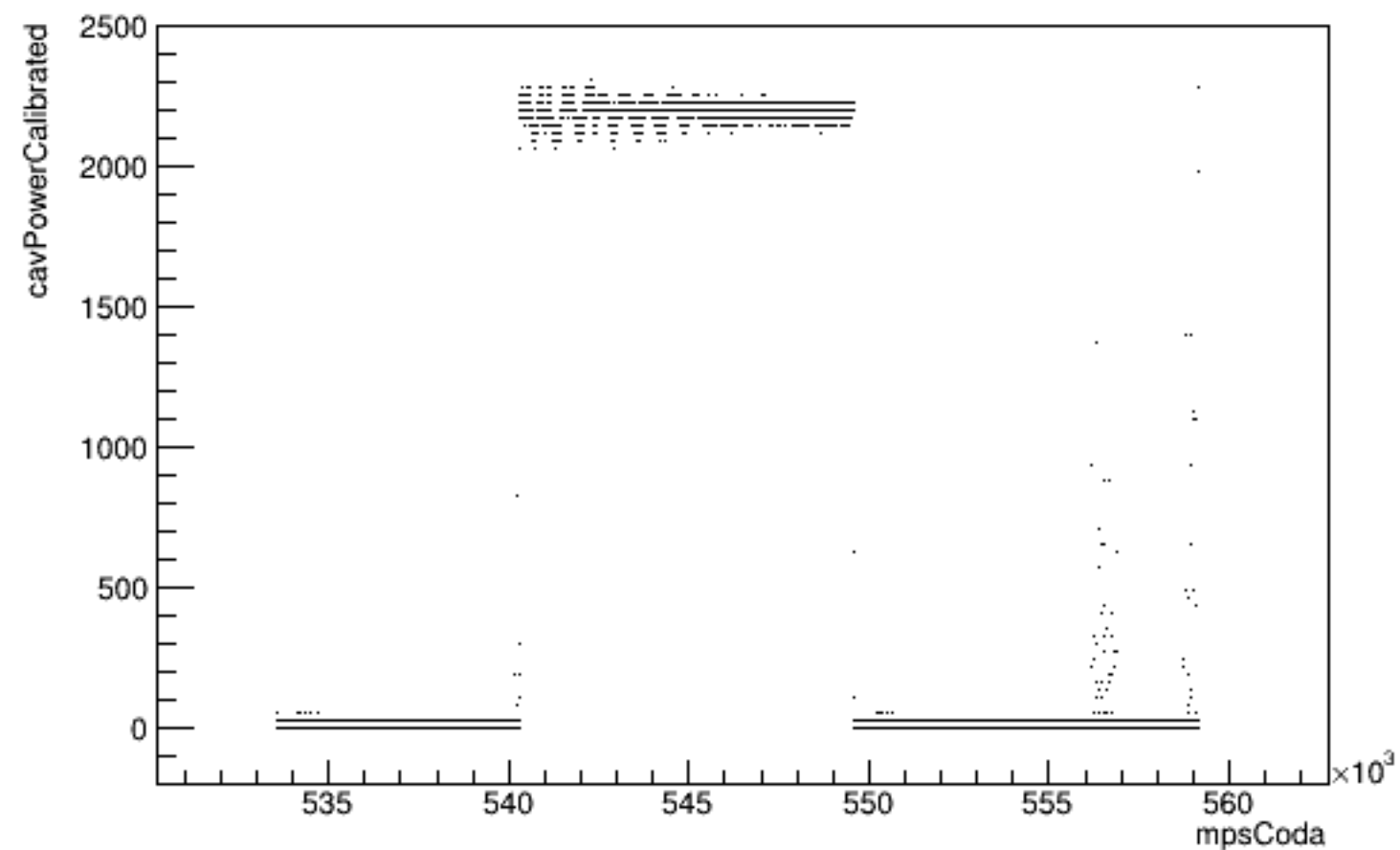
laserState:mpsCoda {mpsCoda>=533533 && mpsCoda<=559128}



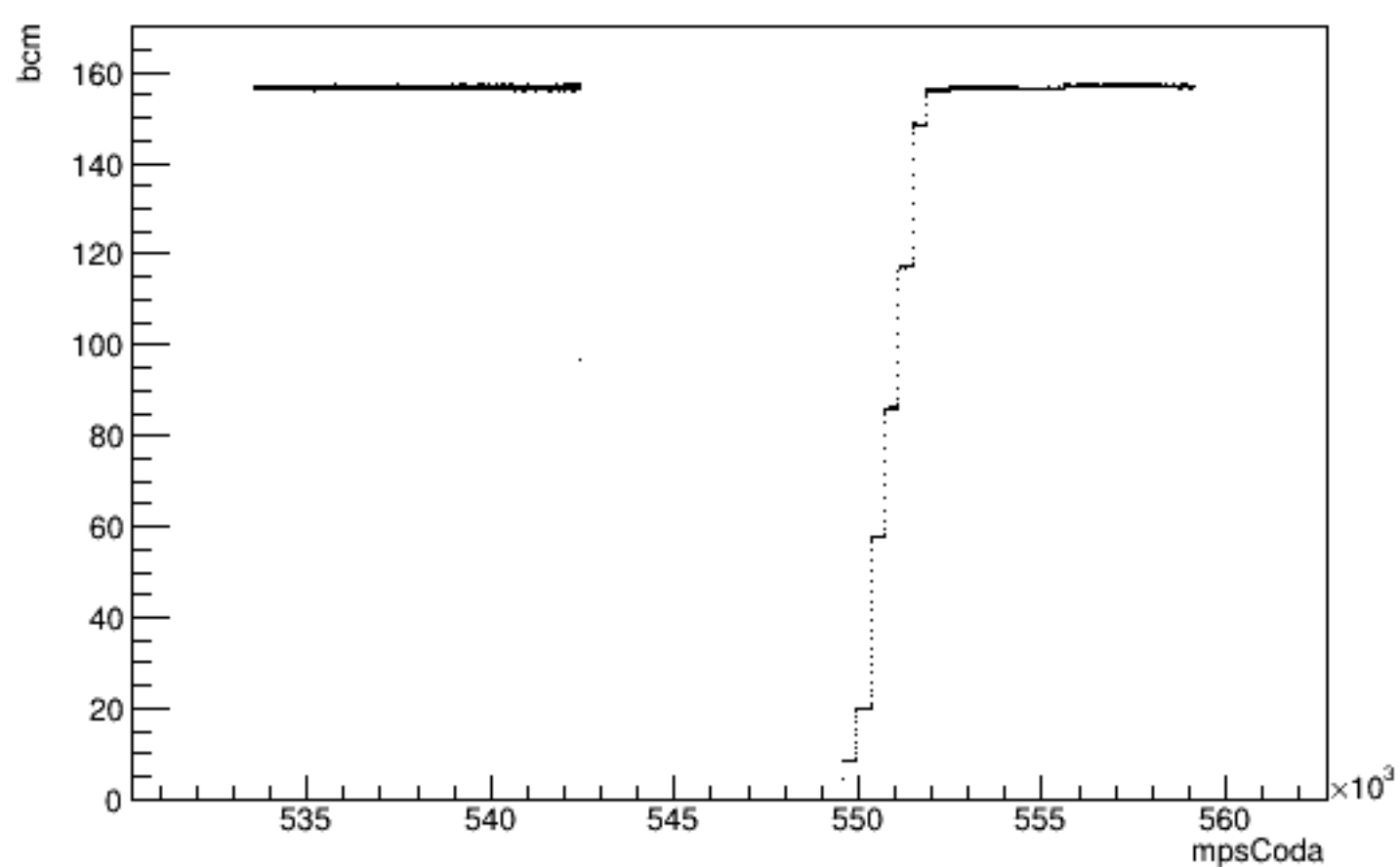
beamState + 1:mpsCoda {mpsCoda>=533533 && mpsCoda<=559128}



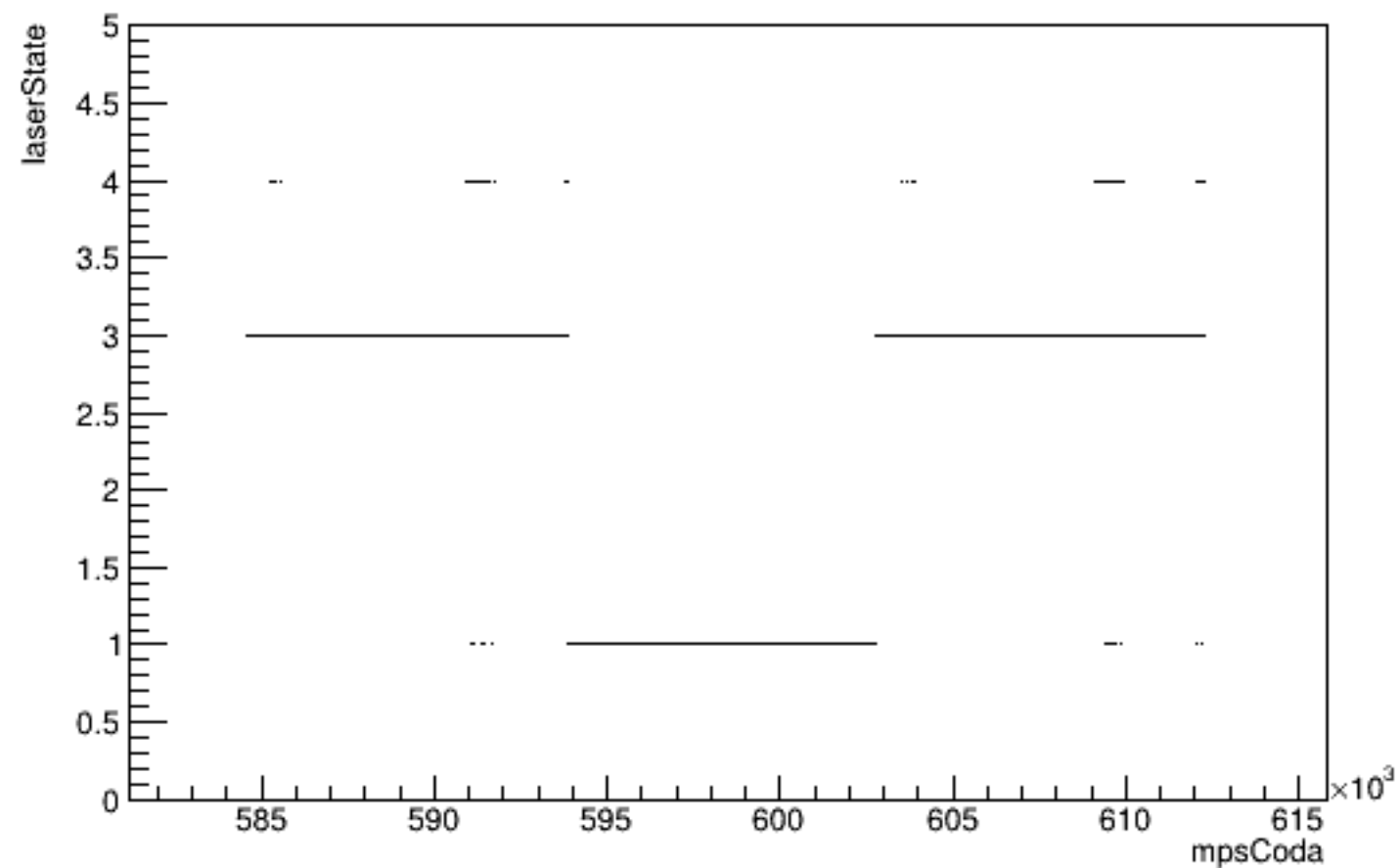
cavPowerCalibrated:mpsCoda {mpsCoda>=533533 && mpsCoda<=559128}



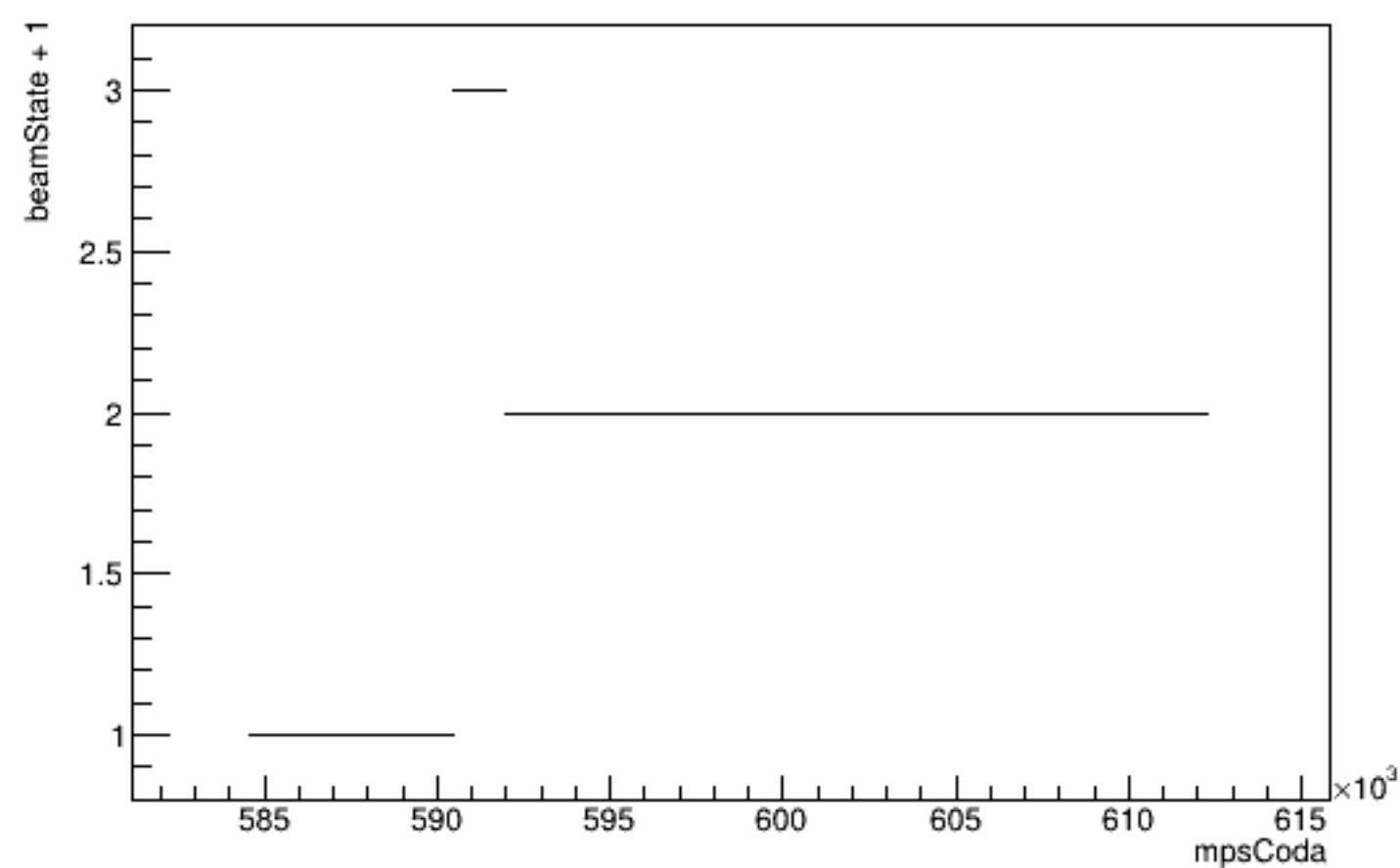
bcm:mpsCoda {mpsCoda>=533533 && mpsCoda<=559128}



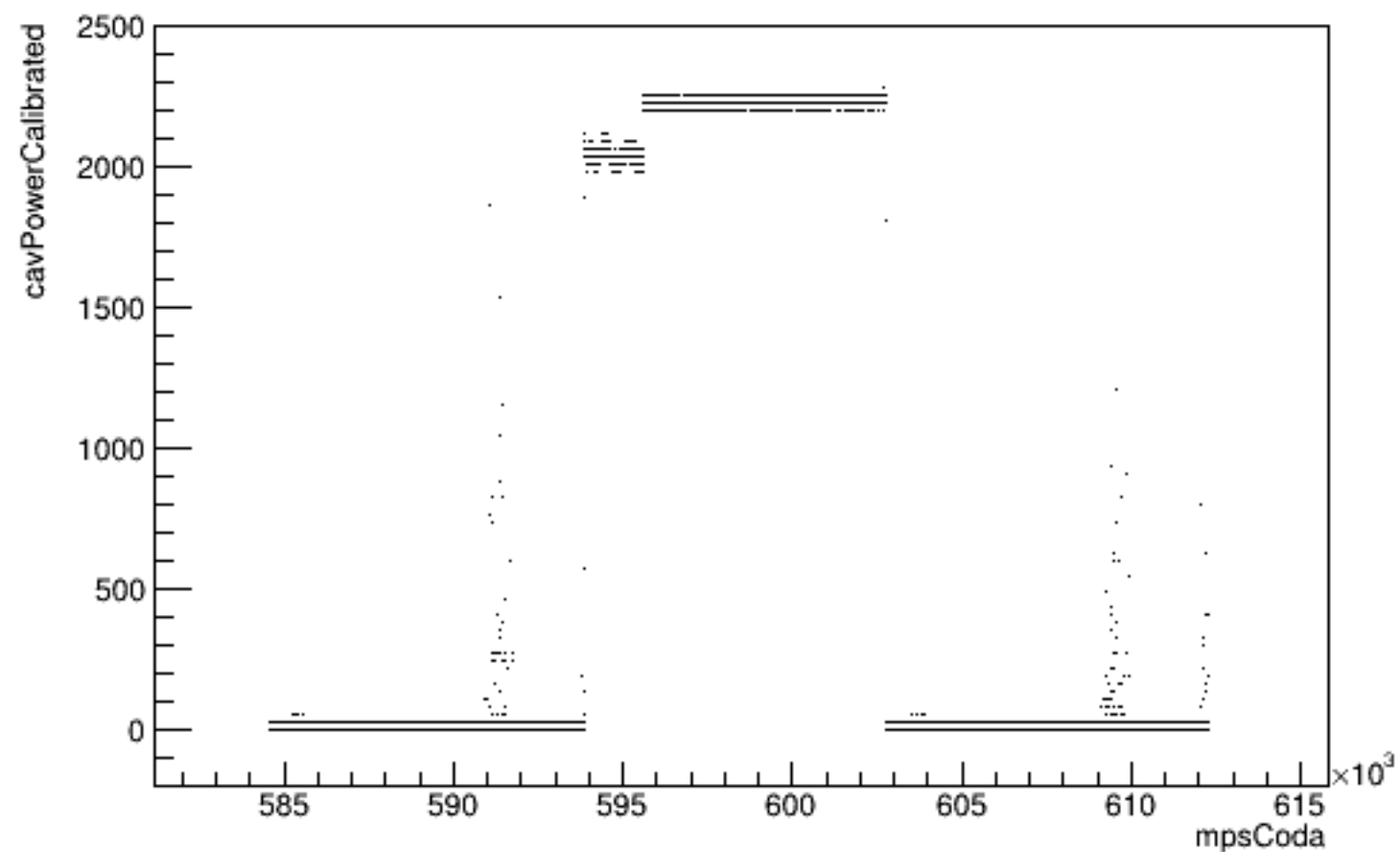
laserState:mpsCoda {mpsCoda>=584561 && mpsCoda<=612268}



beamState + 1:mpsCoda {mpsCoda>=584561 && mpsCoda<=612268}



cavPowerCalibrated:mpsCoda {mpsCoda>=584561 && mpsCoda<=612268}



bcm:mpsCoda {mpsCoda>=584561 && mpsCoda<=612268}

