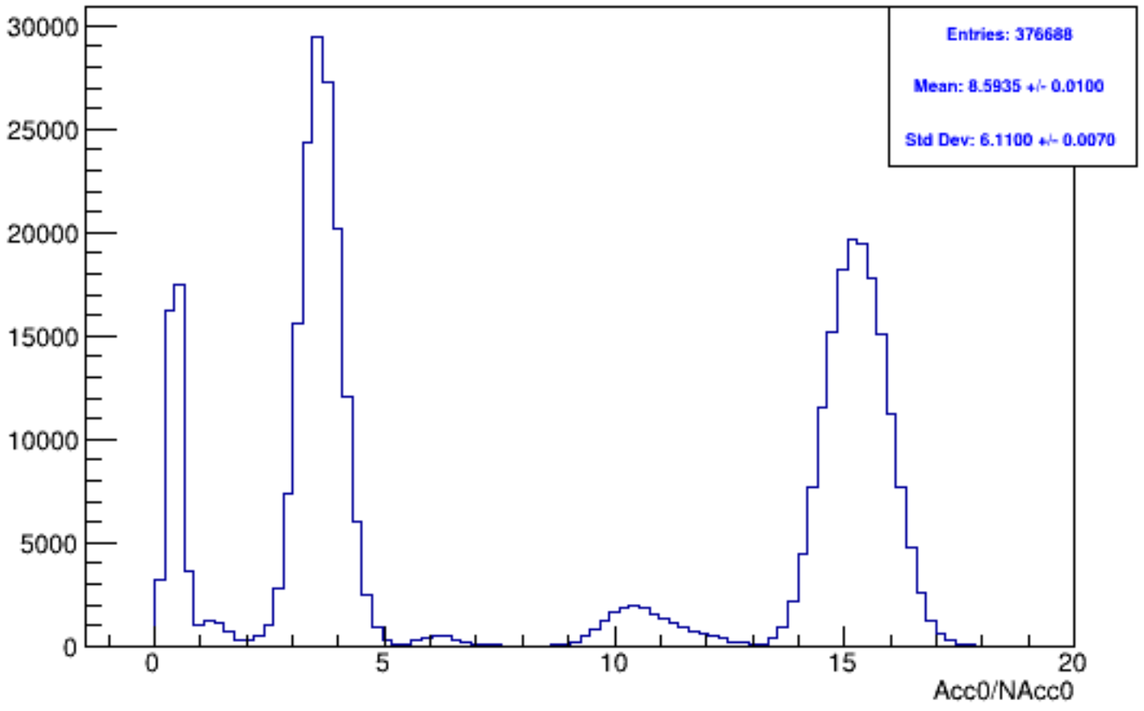
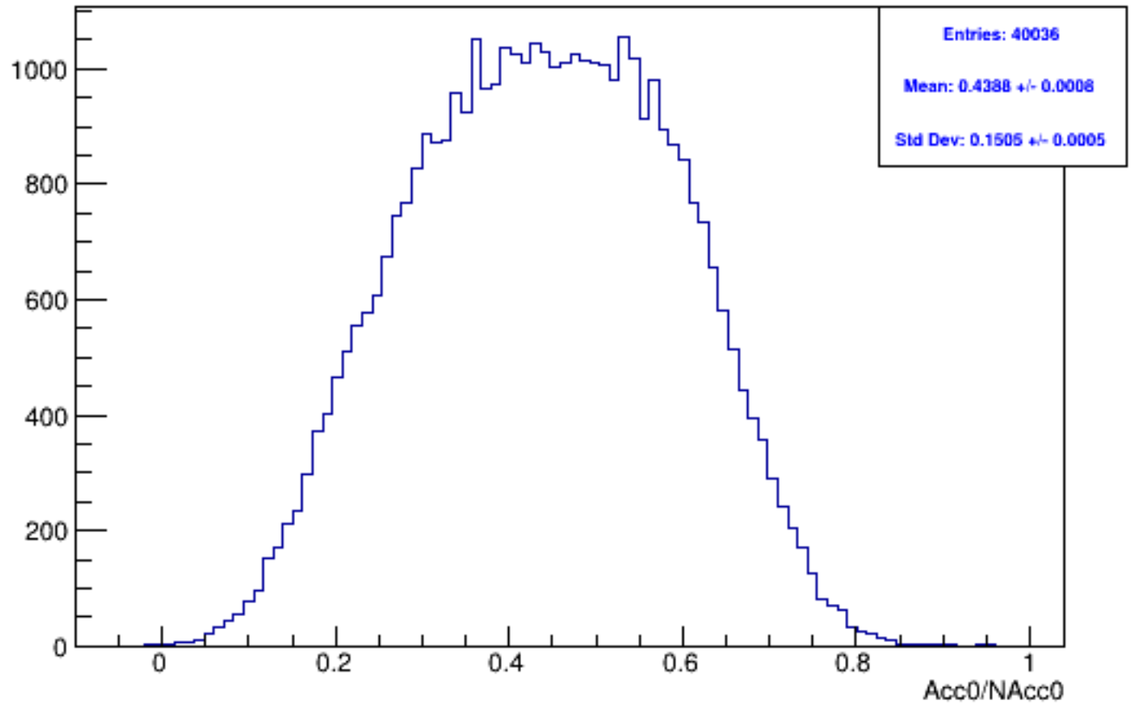
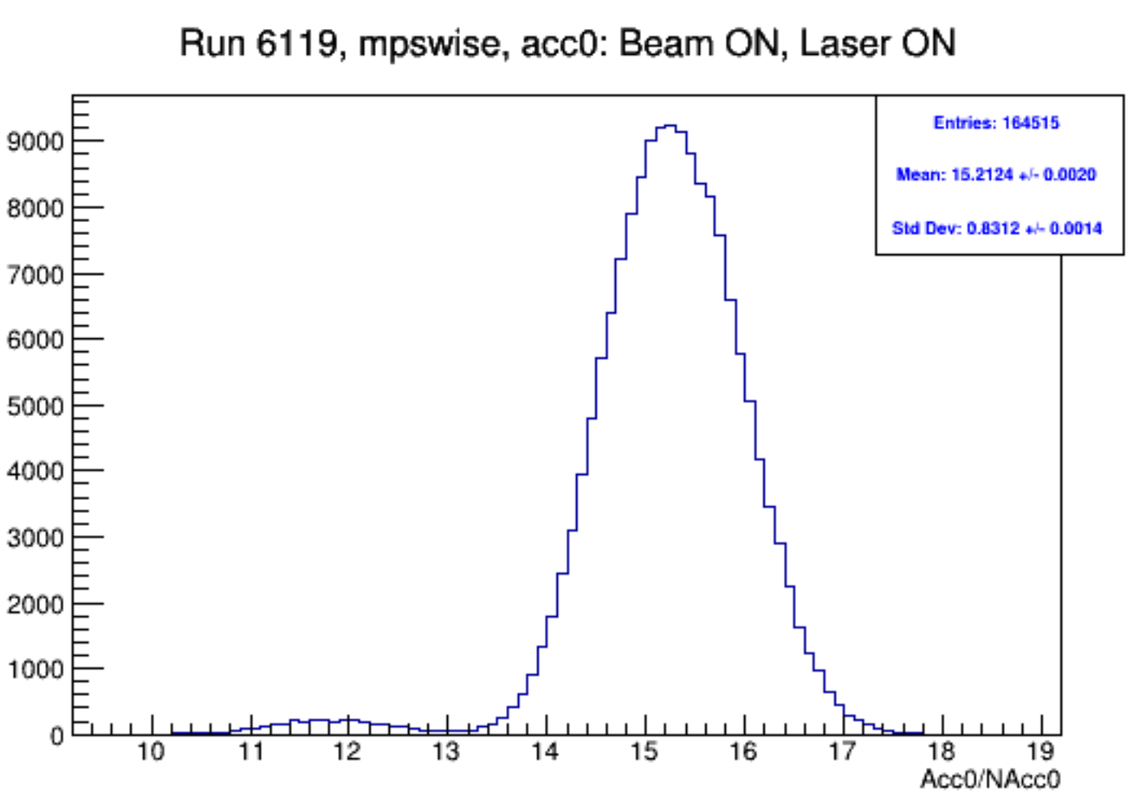
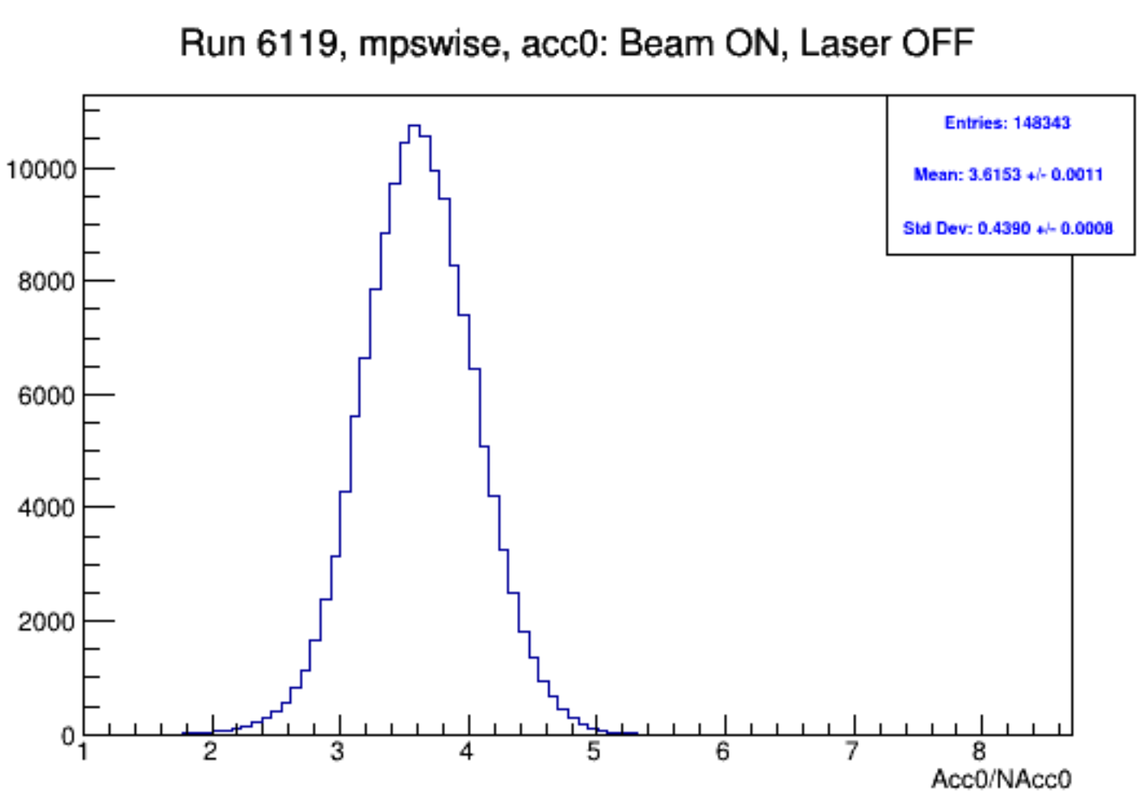
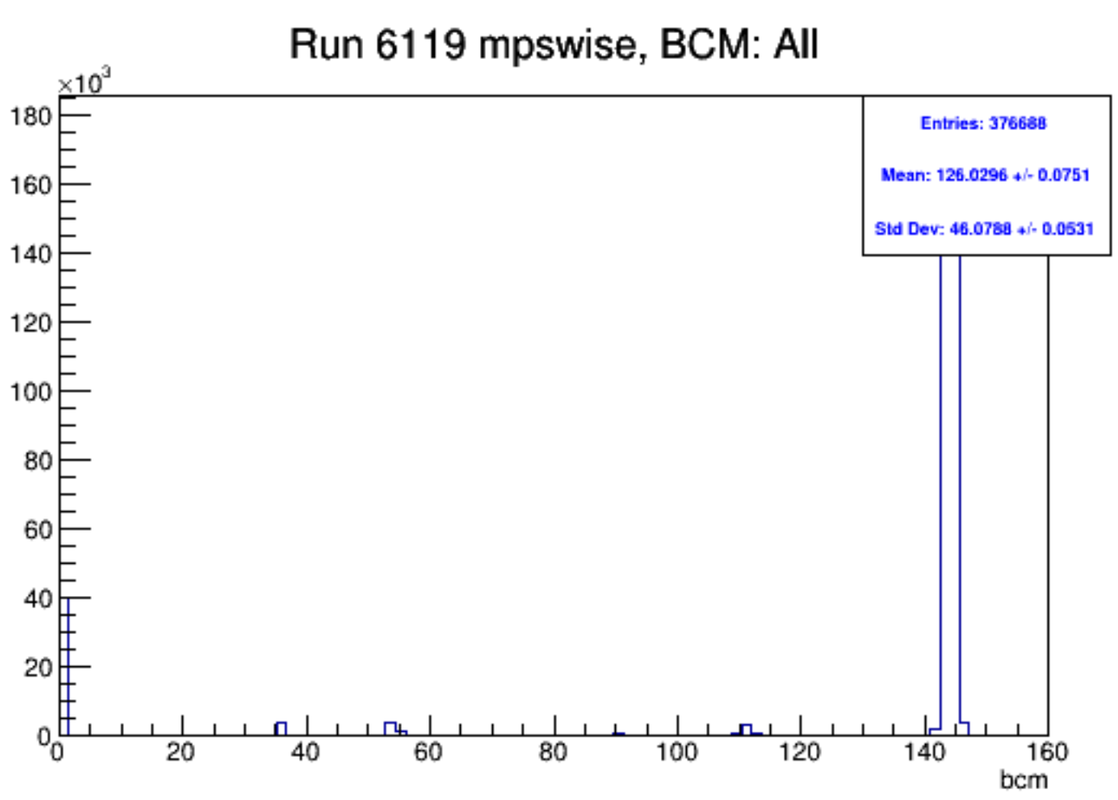
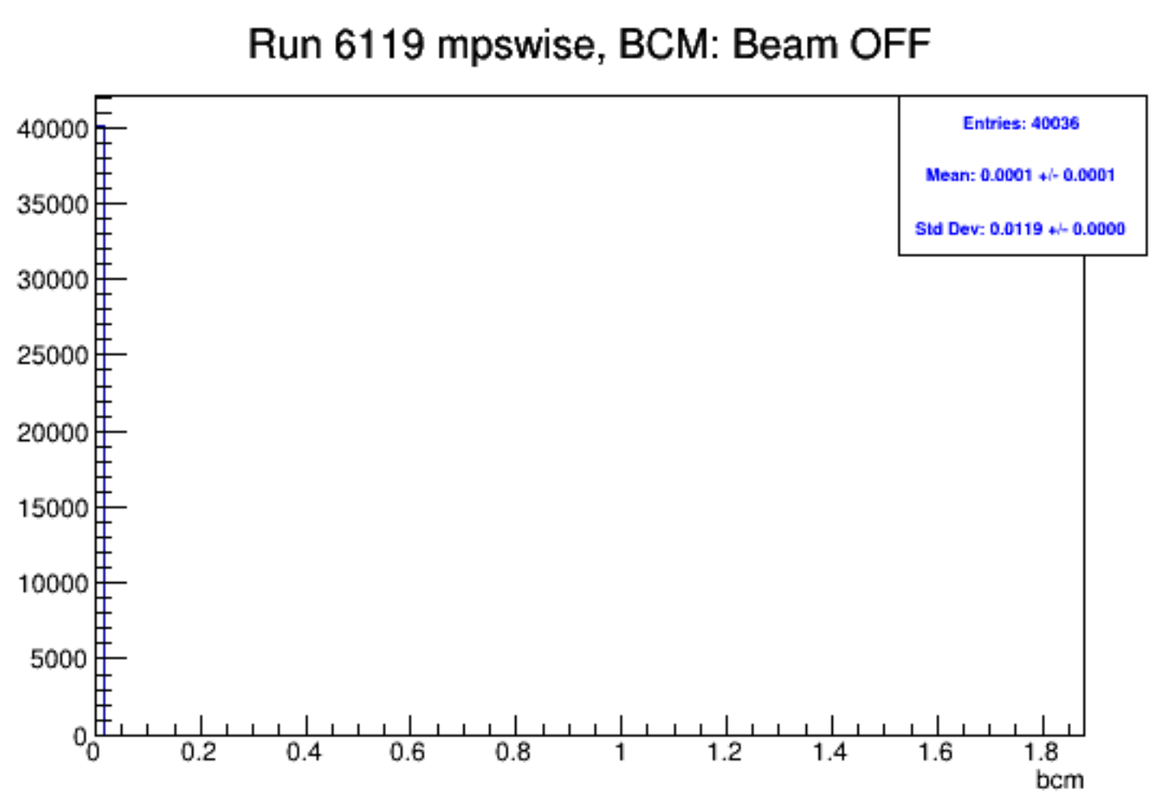

Run 6119 mpswise, acc0: All
Entries: 376688
Mean: 8.5935 +/- 0.0100
Std Dev: 6.1100 +/- 0.0070
30000
25000
20000
15000
10000
5000
0
0
5
10
15
20
Acc0/NAcc0

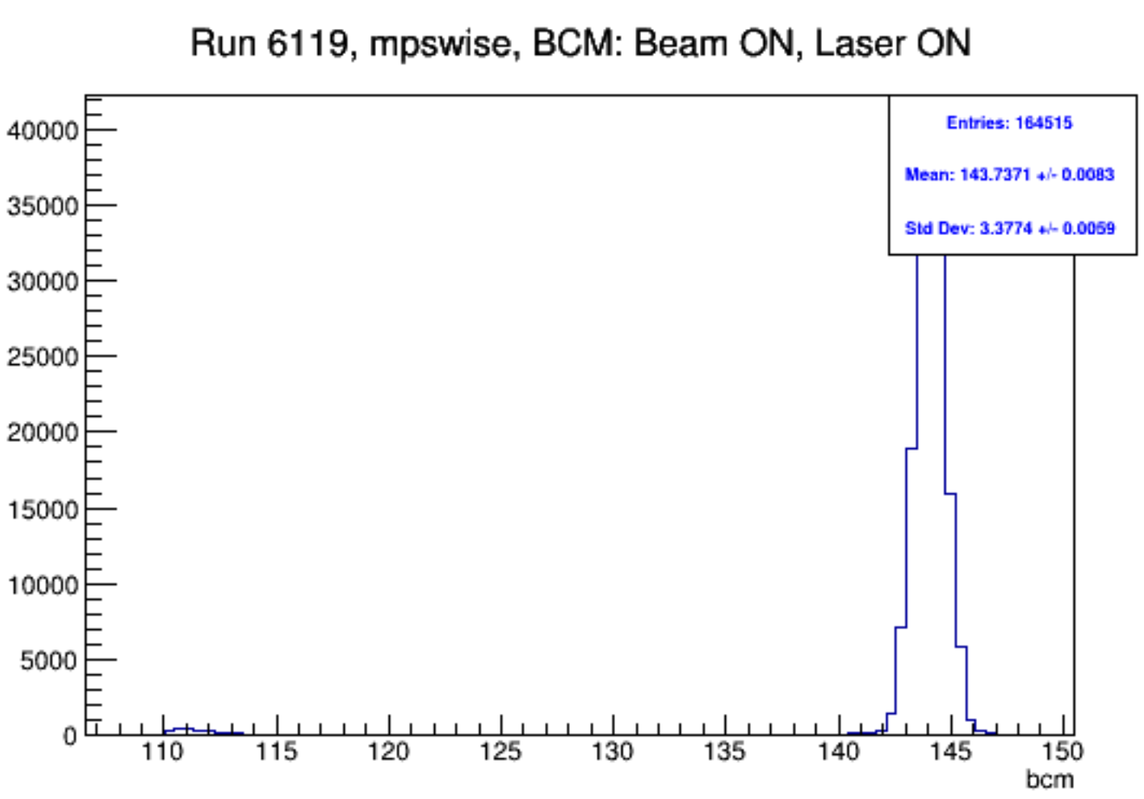

Run 6119 mpswise, acc0: Beam OFF
Entries: 40036
Mean: 0.4388 +/- 0.0008
Std Dev: 0.1505 +/- 0.0005
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
Acc0/NAcc0

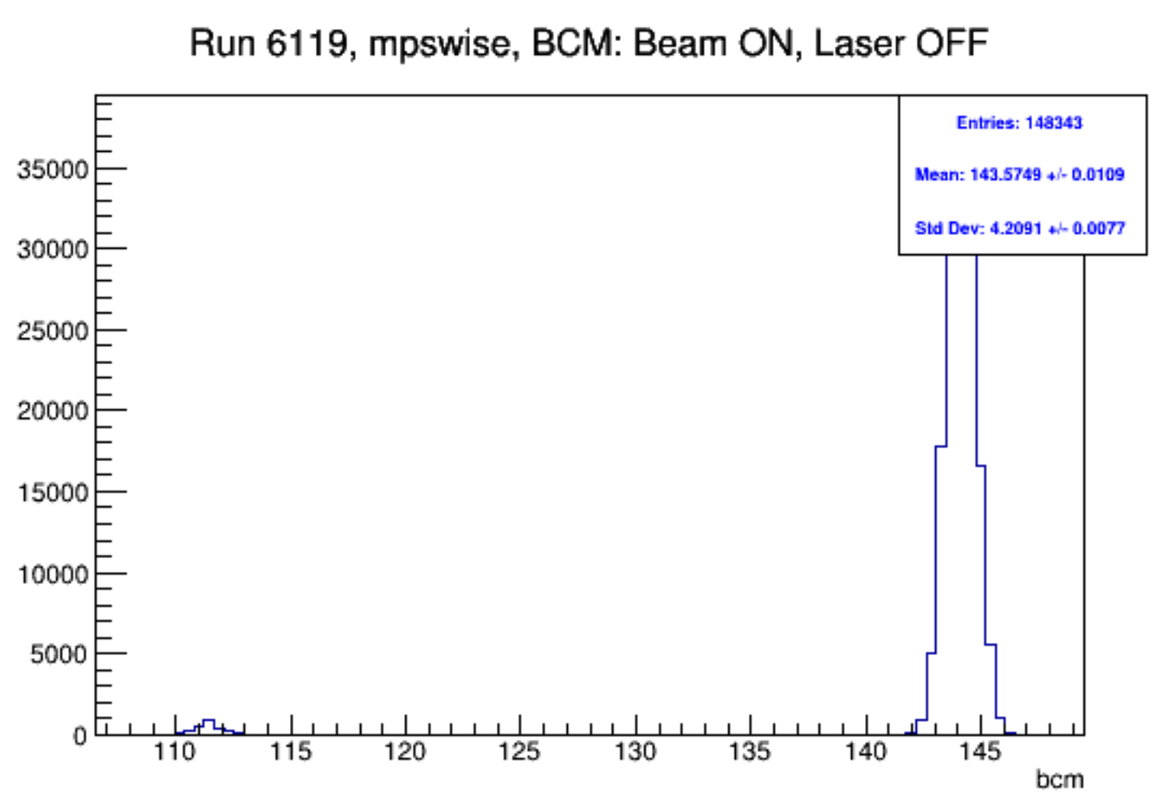

Run 6119, mpswise, acc0: Beam ON, Laser ON
Entries: 164515
Mean: 15.2124 +/- 0.0020
Std Dev: 0.8312 +/- 0.0014
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
10
11
12
13
14
15
16
17
18
19
Acc0/NAcc0

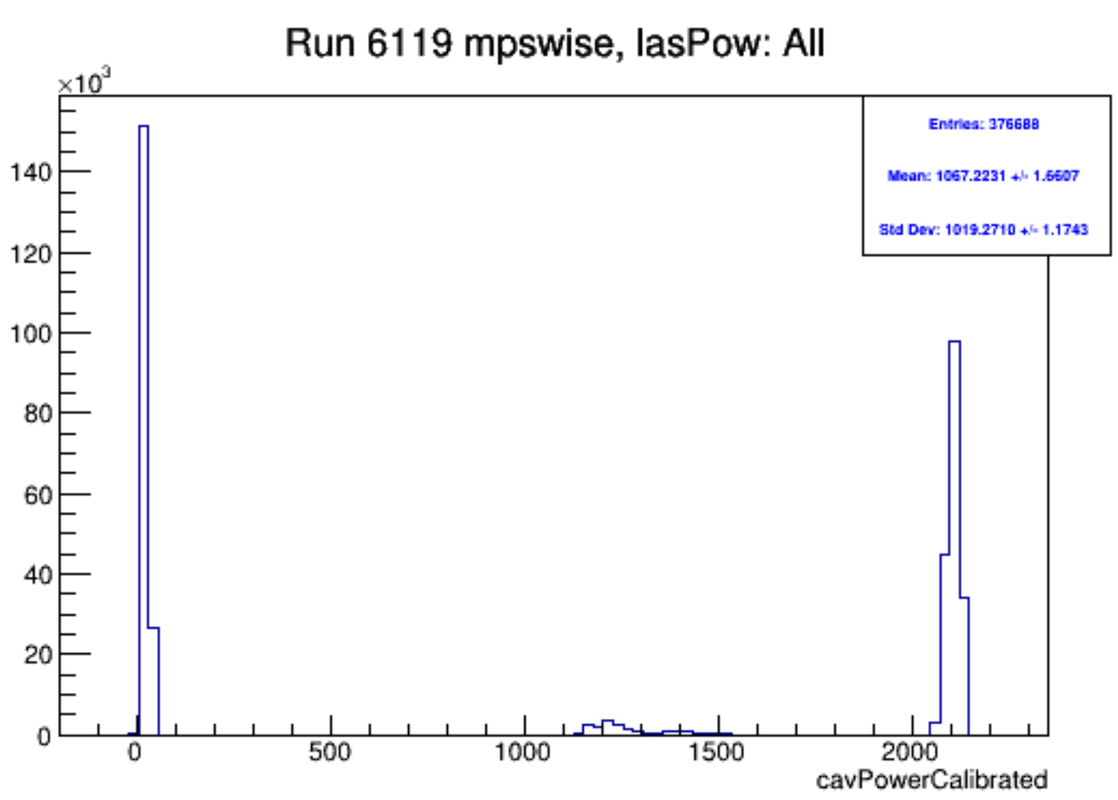

Run 6119, mpswise, acc0: Beam ON, Laser OFF
Entries: 148343
Mean: 3.6153 +/- 0.0011
Std Dev: 0.4390 +/- 0.0008
10000
8000
6000
4000
2000
0
1
2
3
4
5
6
7
8
Acc0/NAcc0

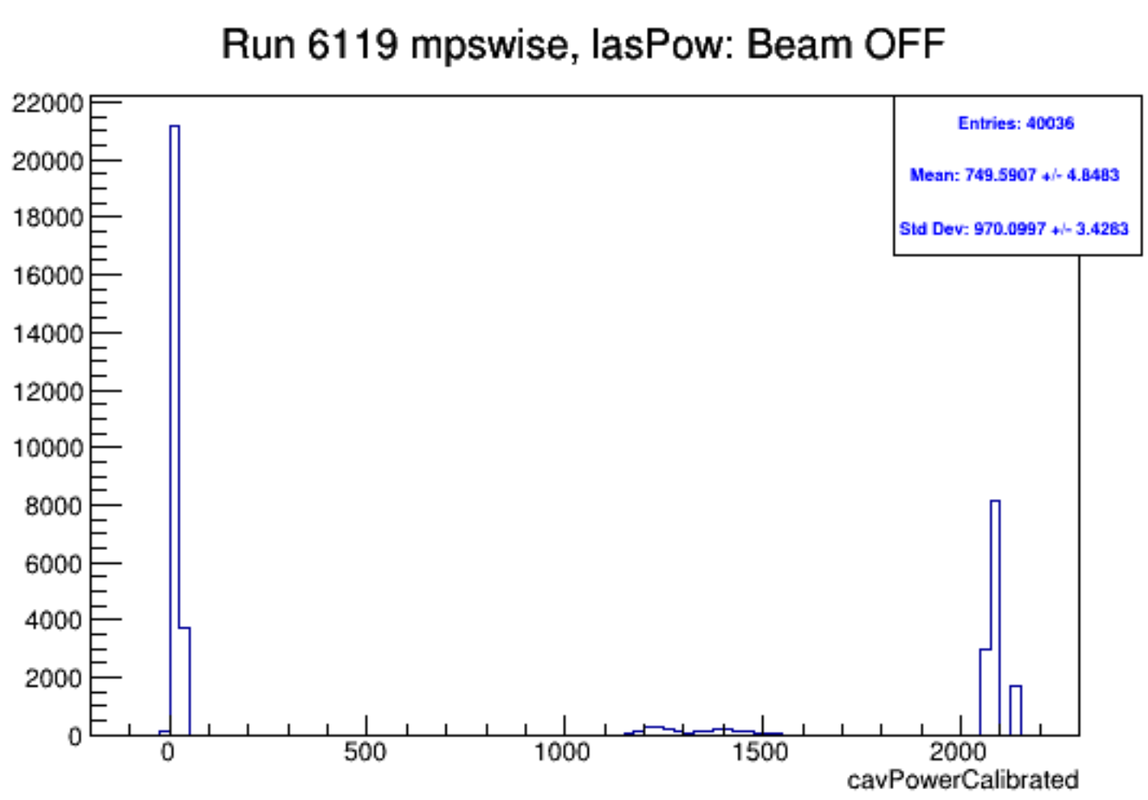

Run 6119 mpswise, BCM: All
×10^3
Entries: 376688
Mean: 126.0296 +/- 0.0751
Std Dev: 46.0788 +/- 0.0531
bcm

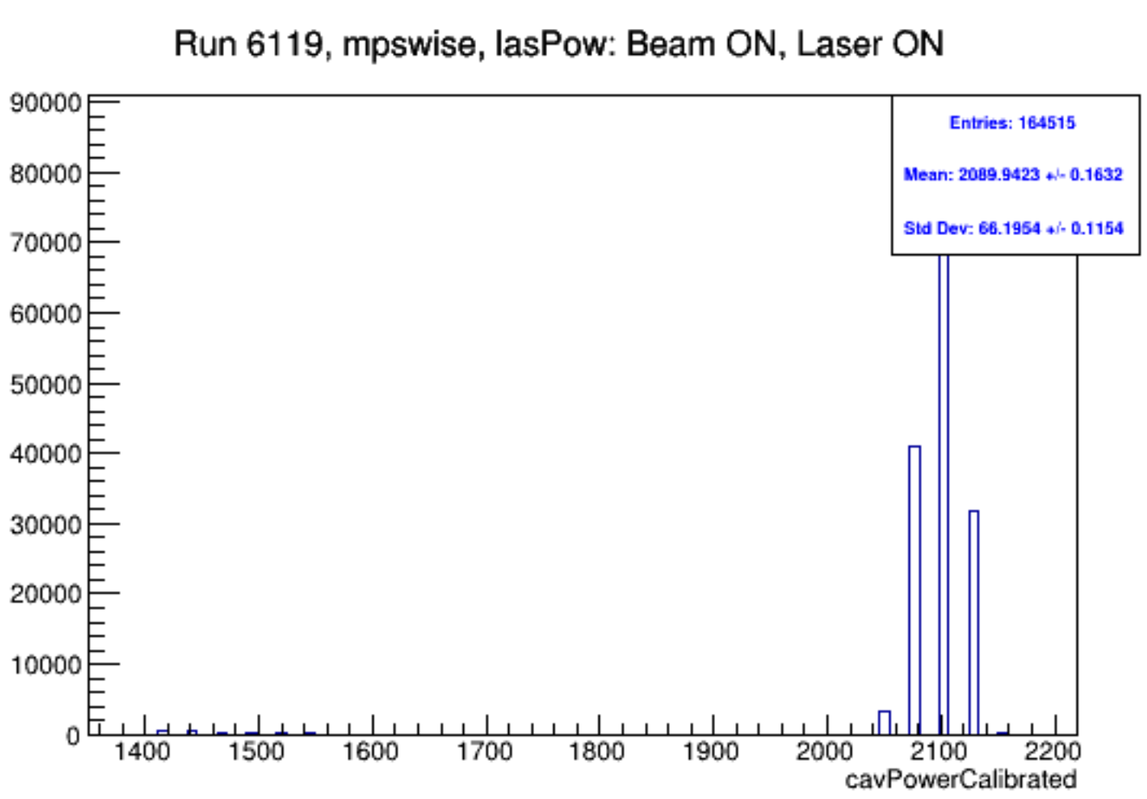

Run 6119 mpswise, BCM: Beam OFF
Entries: 40036
Mean: 0.0001 +/- 0.0001
Std Dev: 0.0119 +/- 0.0000
bcm

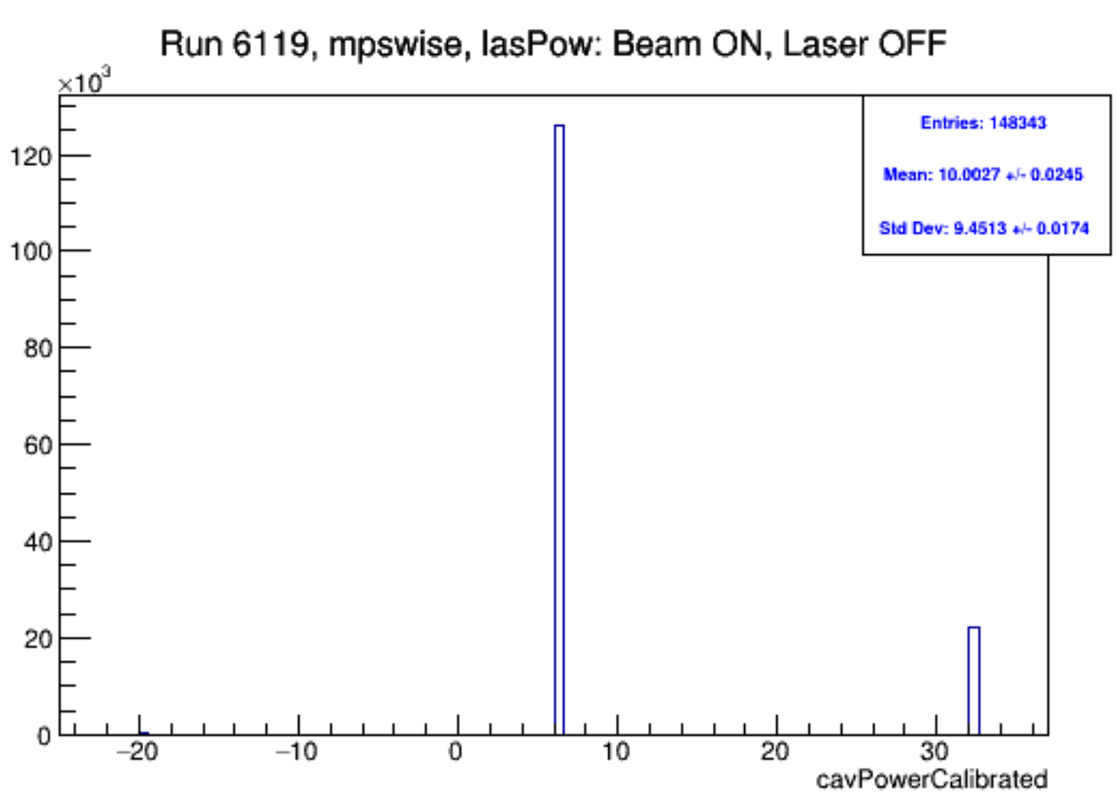

Run 6119, mpswise, BCM: Beam ON, Laser ON
Entries: 164515
Mean: 143.7371 +/- 0.0083
Std Dev: 3.3774 +/- 0.0059
bcm

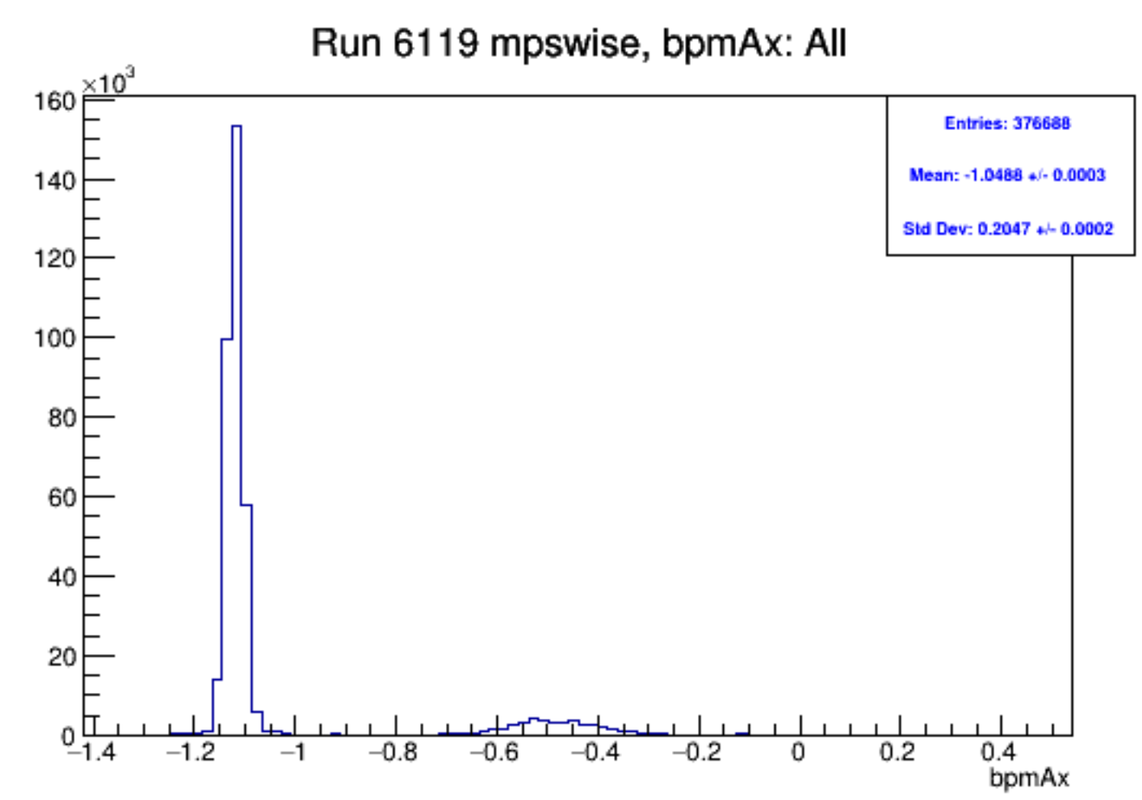

Run 6119, mpswise, BCM: Beam ON, Laser OFF
Entries: 148343
Mean: 143.5749 +/- 0.0109
Std Dev: 4.2091 +/- 0.0077
bcm

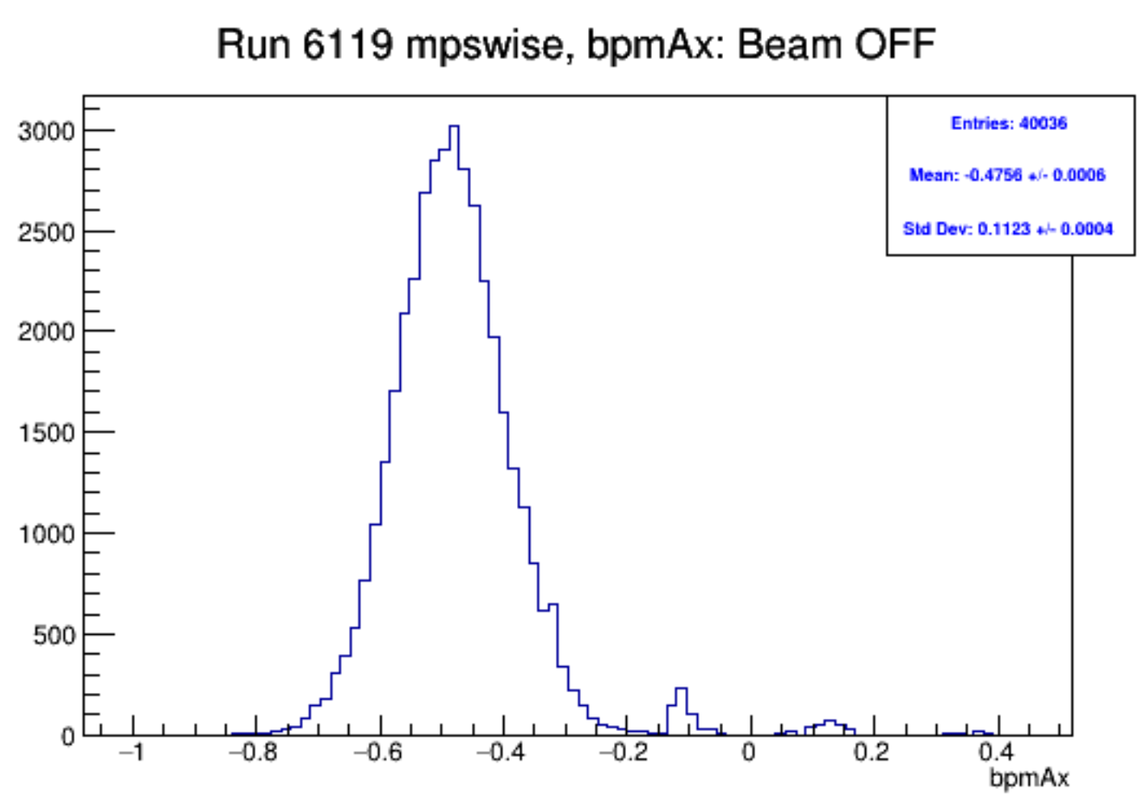

Run 6119 mpswise, lasPow: All
×10^3
Entries: 376688
Mean: 1067.2231 +/- 1.6607
Std Dev: 1019.2710 +/- 1.1743
cavPowerCalibrated

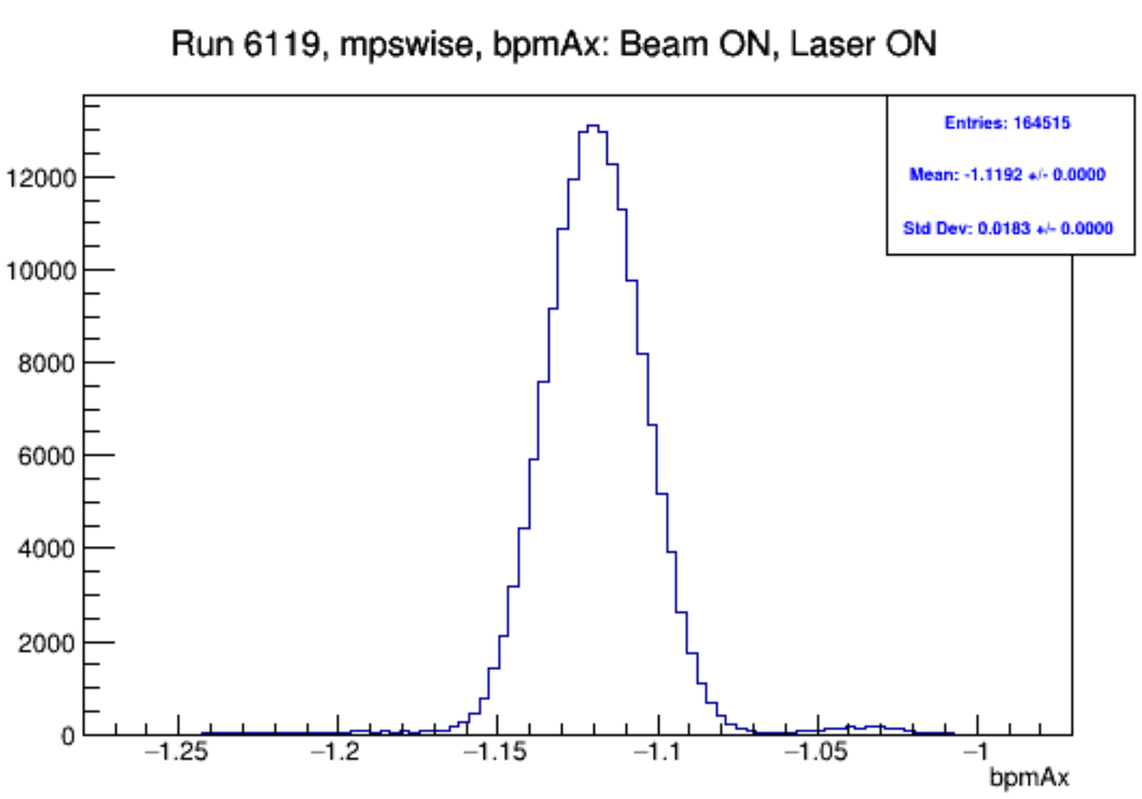

Run 6119 mpswise, lasPow: Beam OFF
Entries: 40036
Mean: 749.5907 +/- 4.8483
Std Dev: 970.0997 +/- 3.4283
cavPowerCalibrated

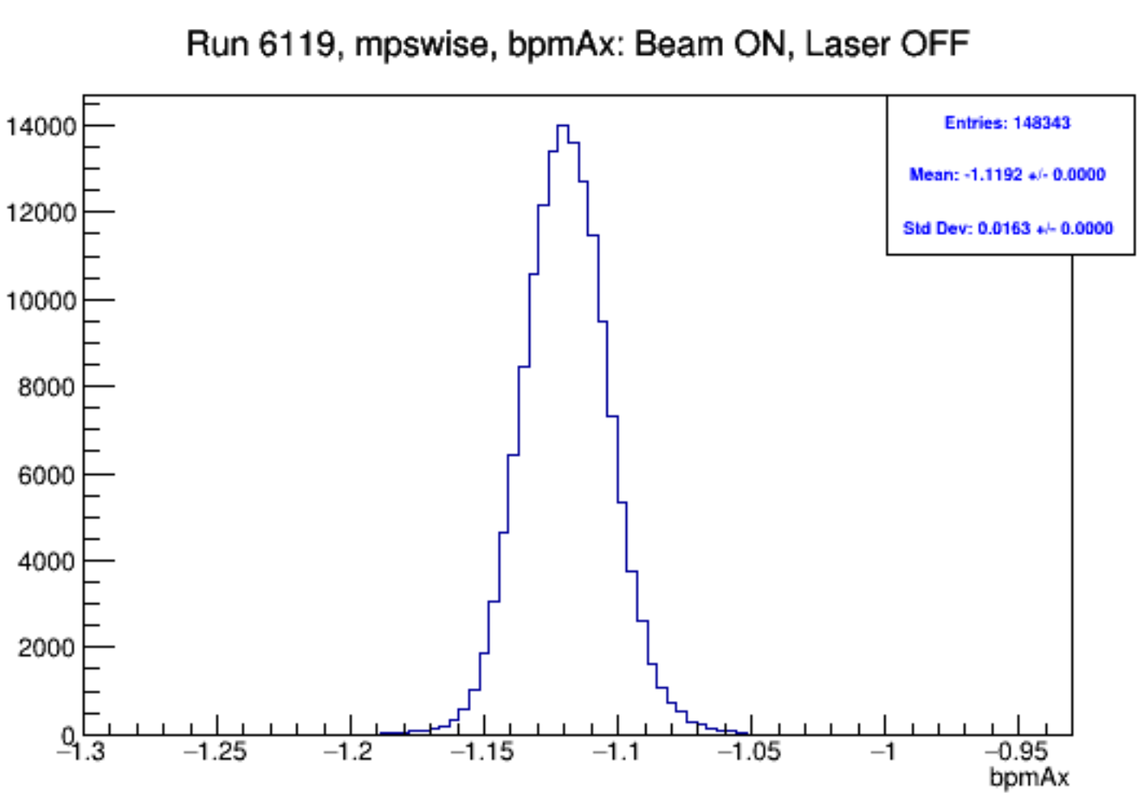

Run 6119, mpswise, lasPow: Beam ON, Laser ON
Entries: 164515
Mean: 2089.9423 +/- 0.1632
Std Dev: 66.1954 +/- 0.1154
cavPowerCalibrated

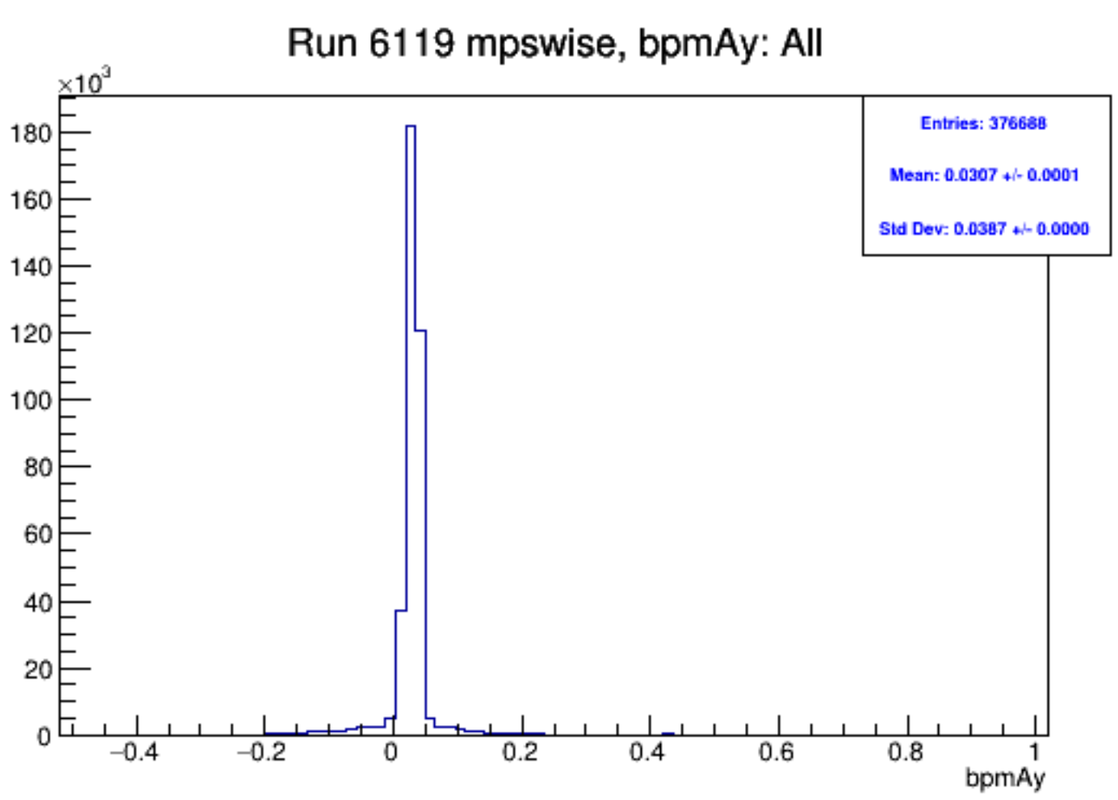

Run 6119, mpswise, lasPow: Beam ON, Laser OFF
×10^3
Entries: 148343
Mean: 10.0027 +/- 0.0245
Std Dev: 9.4513 +/- 0.0174
cavPowerCalibrated

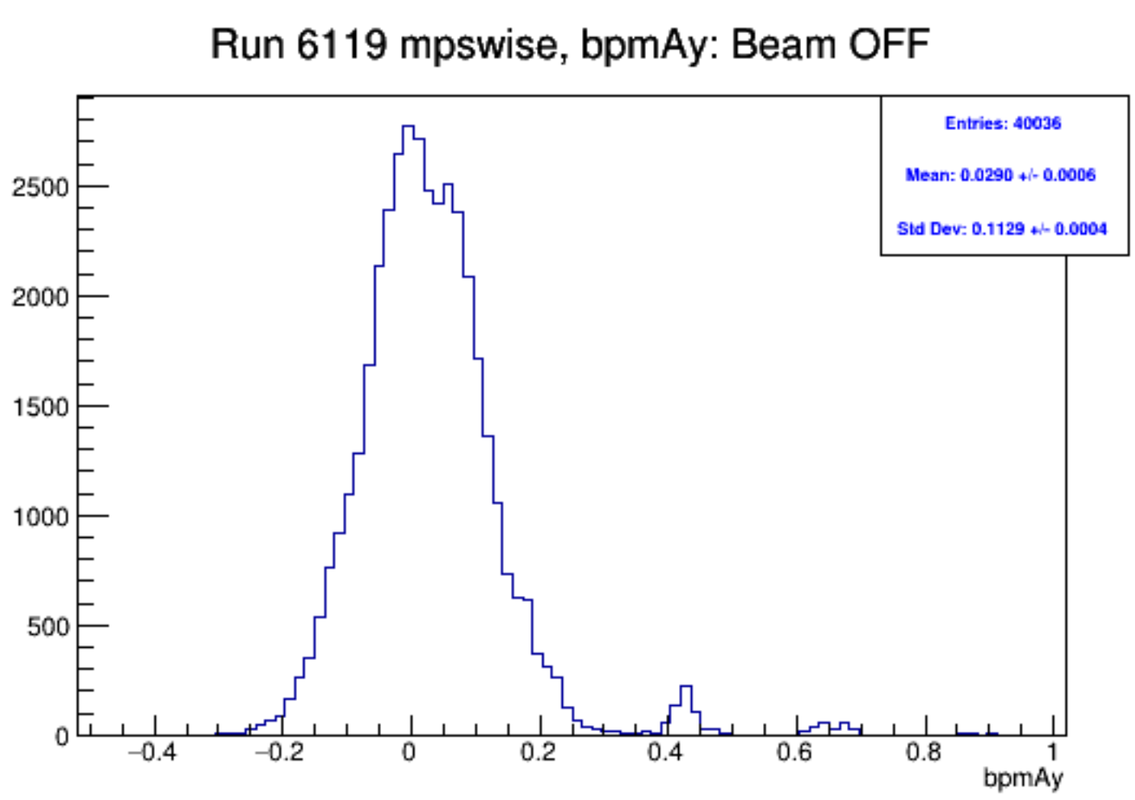

Run 6119 mpswise, bpmAx: All
×10^3
Entries: 376688
Mean: -1.0488 +/- 0.0003
Std Dev: 0.2047 +/- 0.0002
bpmAx

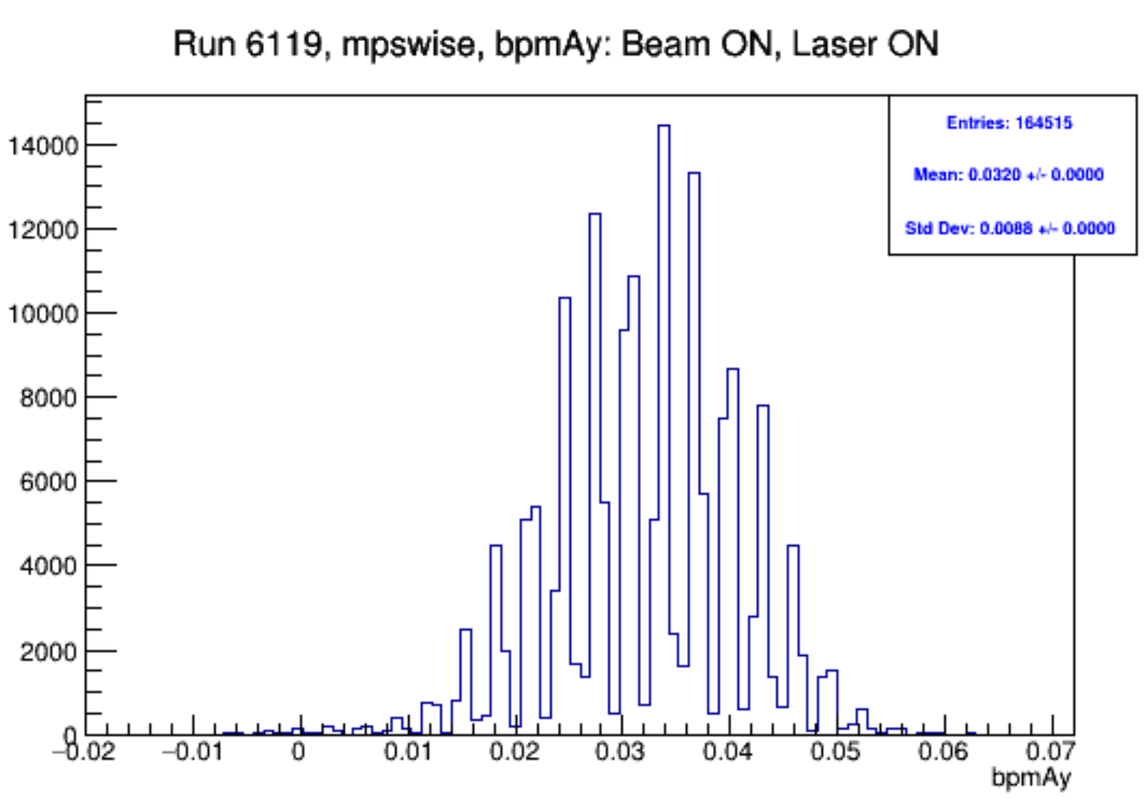

Run 6119 mpswise, bpmAx: Beam OFF
Entries: 40036
Mean: -0.4756 +/- 0.0006
Std Dev: 0.1123 +/- 0.0004
bpmAx

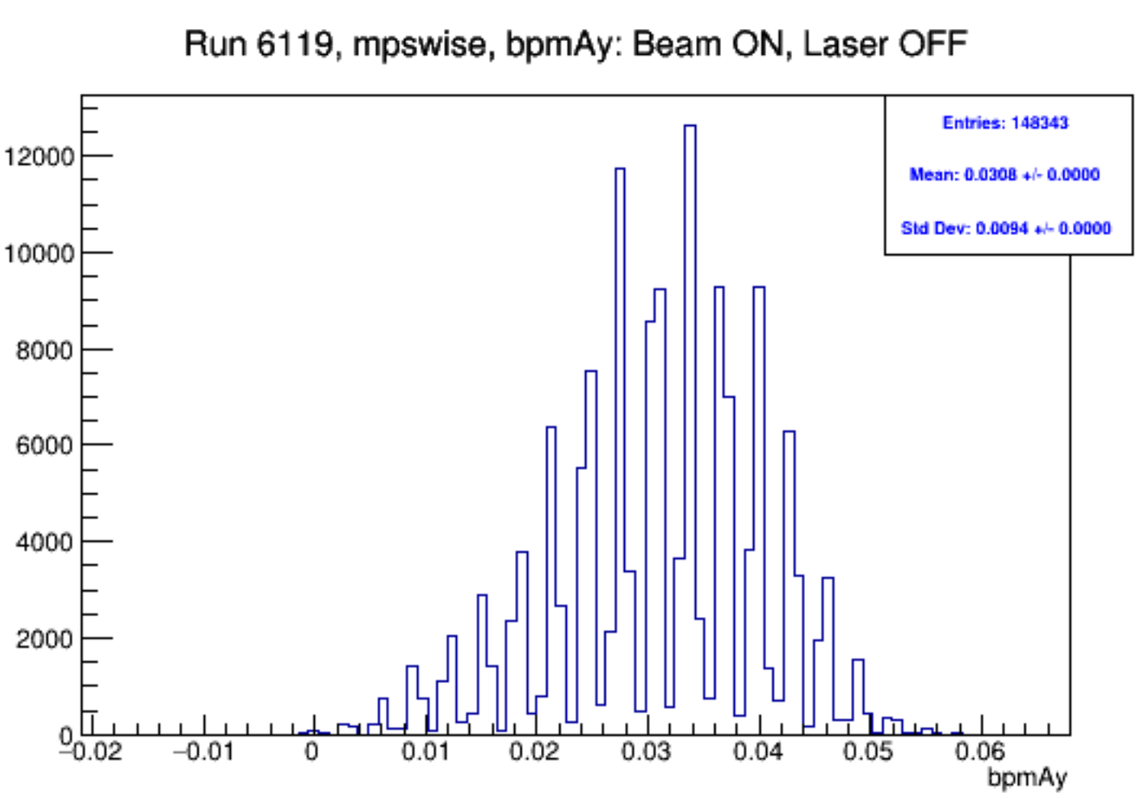

Run 6119, mpswise, bpmAx: Beam ON, Laser ON
Entries: 164515
Mean: -1.1192 +/- 0.0000
Std Dev: 0.0183 +/- 0.0000
bpmAx

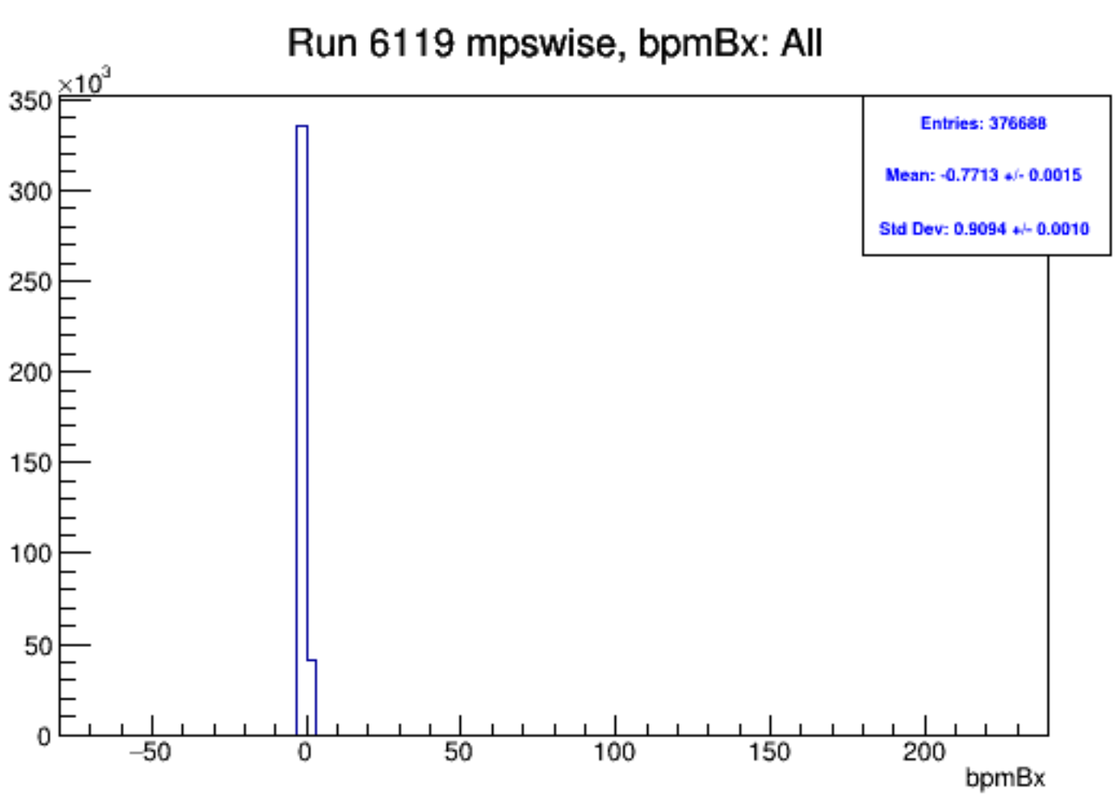

Run 6119, mpswise, bpmAx: Beam ON, Laser OFF
Entries: 148343
Mean: -1.1192 +/- 0.0000
Std Dev: 0.0163 +/- 0.0000
bpmAx

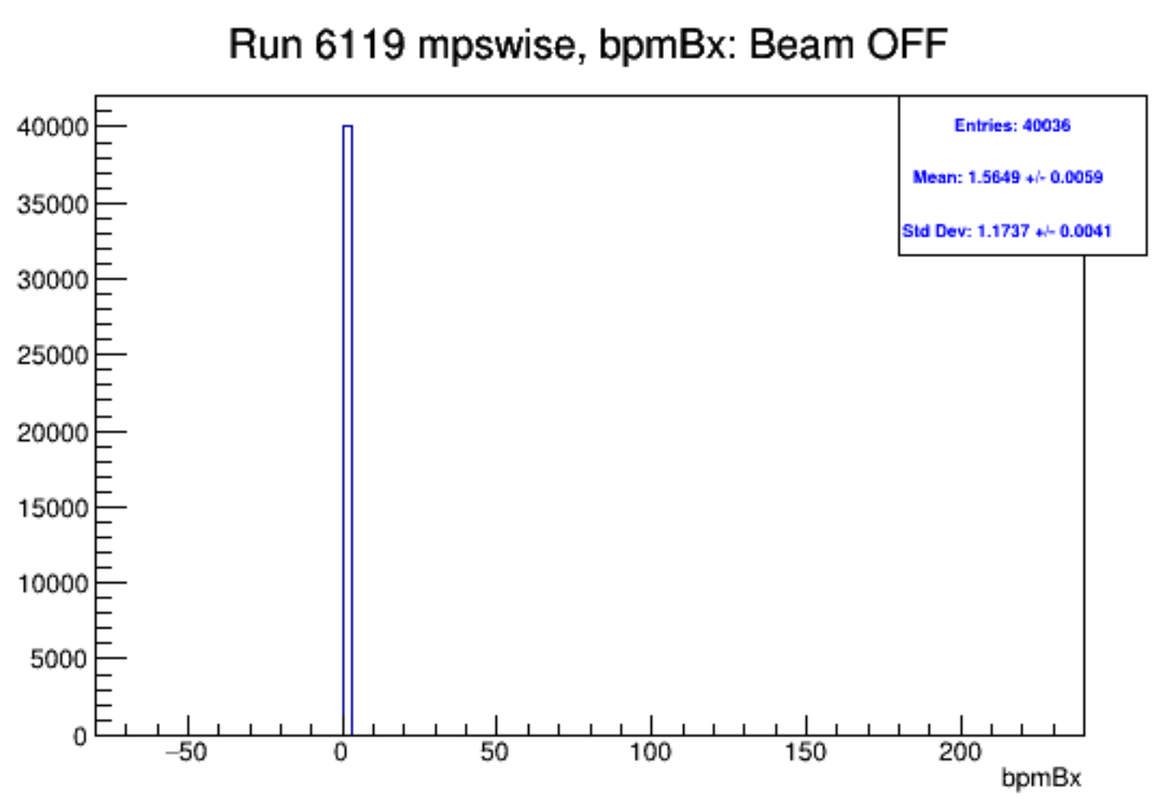

Run 6119 mpswise, bpmAy: All
×10^3
Entries: 376688
Mean: 0.0307 +/- 0.0001
Std Dev: 0.0387 +/- 0.0000
bpmAy

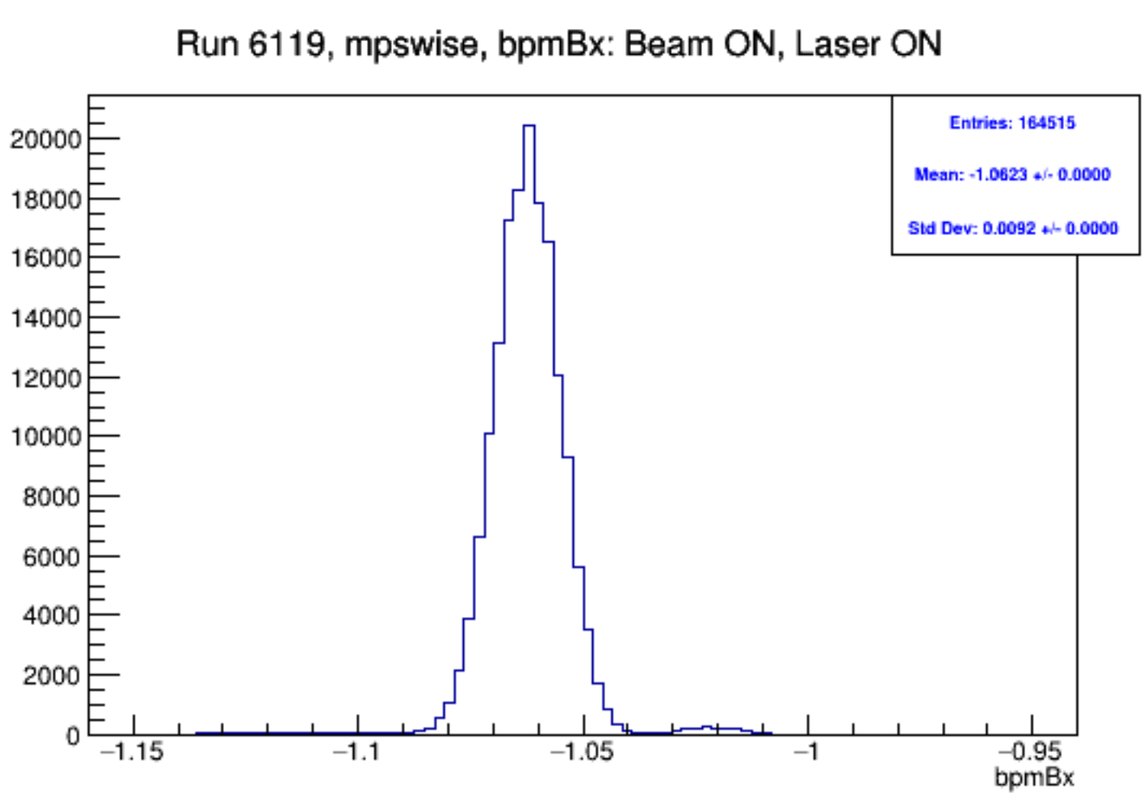

Run 6119 mpswise, bpmAy: Beam OFF
Entries: 40036
Mean: 0.0290 +/- 0.0006
Std Dev: 0.1129 +/- 0.0004
bpmAy

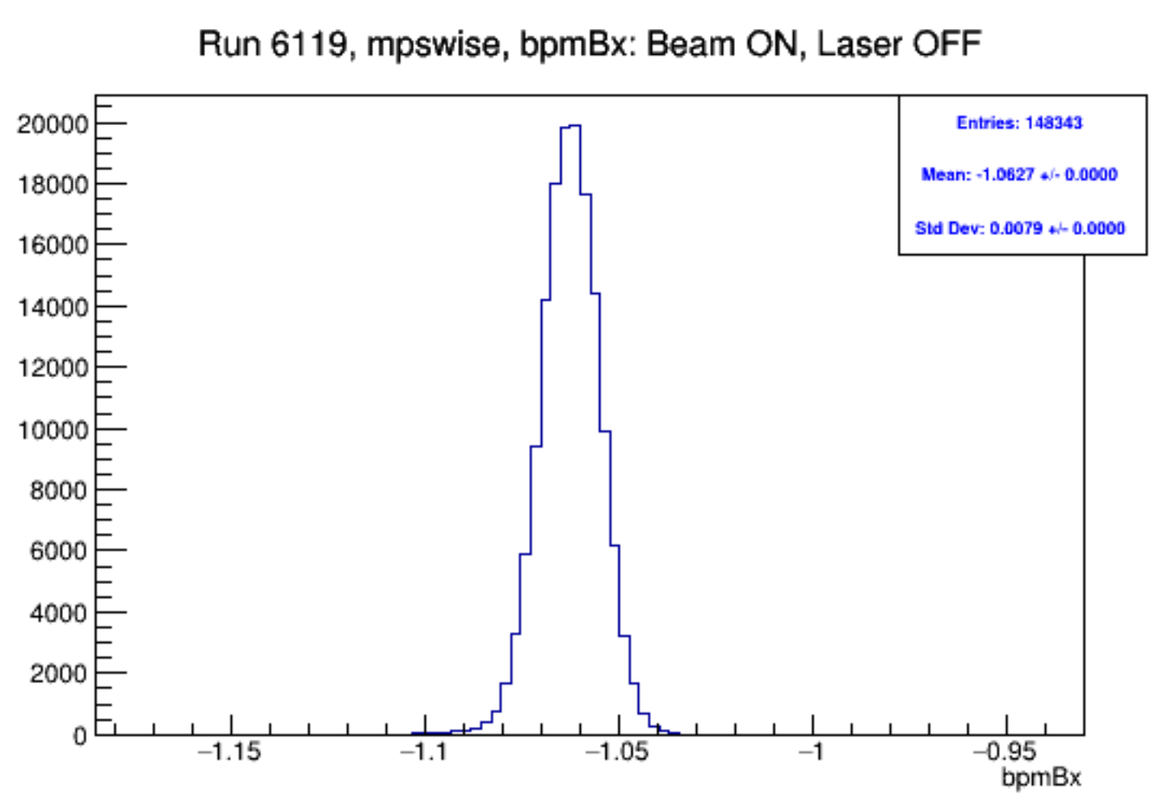

Run 6119, mpswise, bpmAy: Beam ON, Laser ON
Entries: 164515
Mean: 0.0320 +/- 0.0000
Std Dev: 0.0088 +/- 0.0000
bpmAy

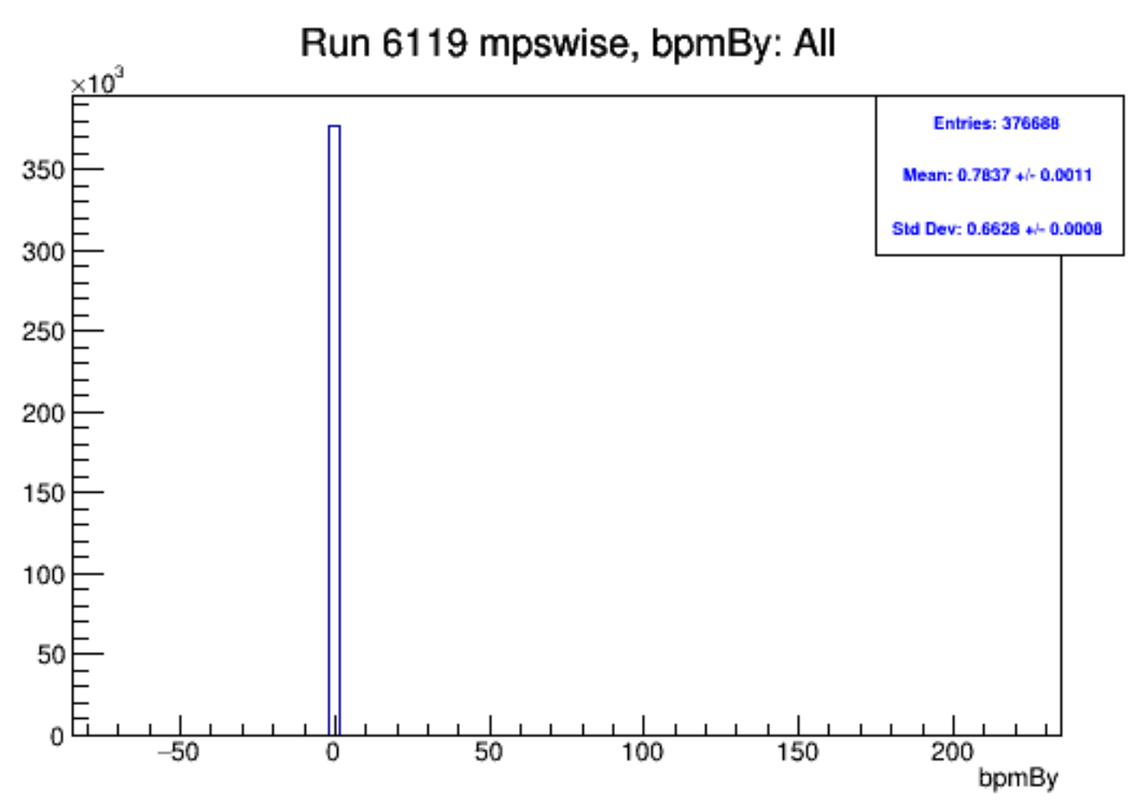

Run 6119, mpswise, bpmAy: Beam ON, Laser OFF
Entries: 148343
Mean: 0.0308 +/- 0.0000
Std Dev: 0.0094 +/- 0.0000
bpmAy

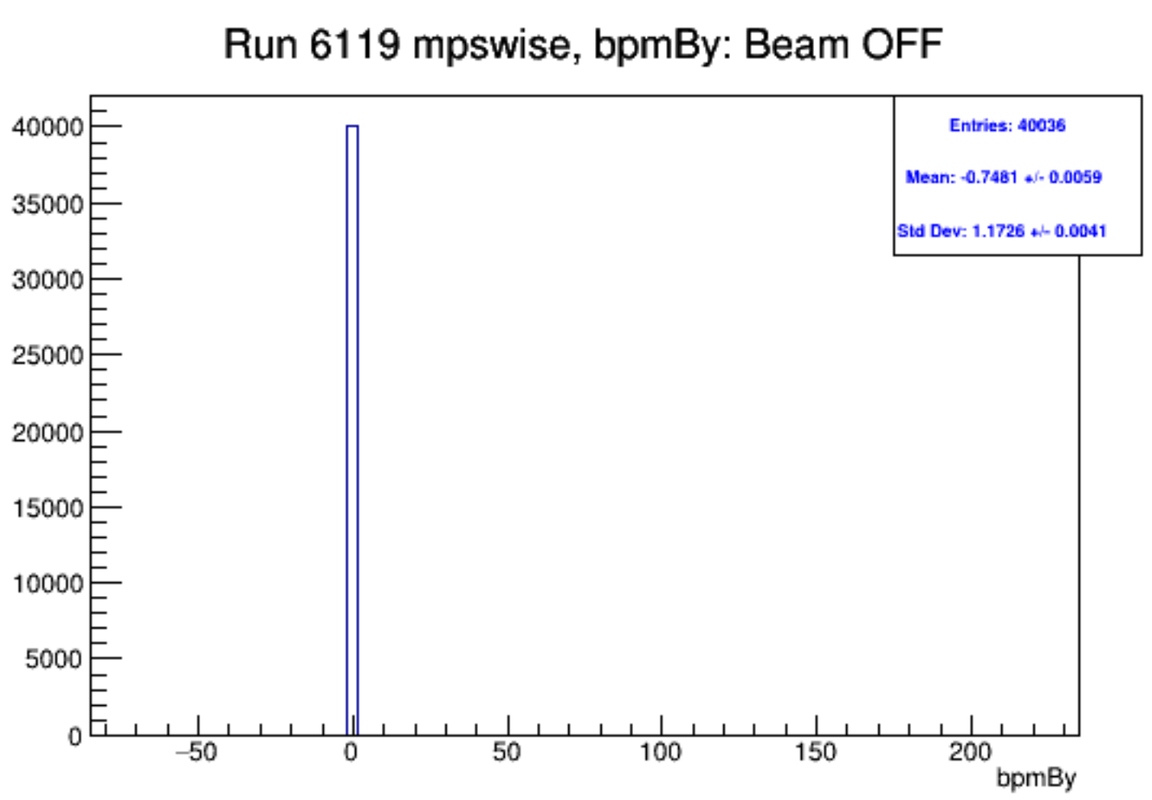

Run 6119 mpswise, bpmBx: All
×10^3
Entries: 376688
Mean: -0.7713 +/- 0.0015
Std Dev: 0.9094 +/- 0.0010
bpmBx

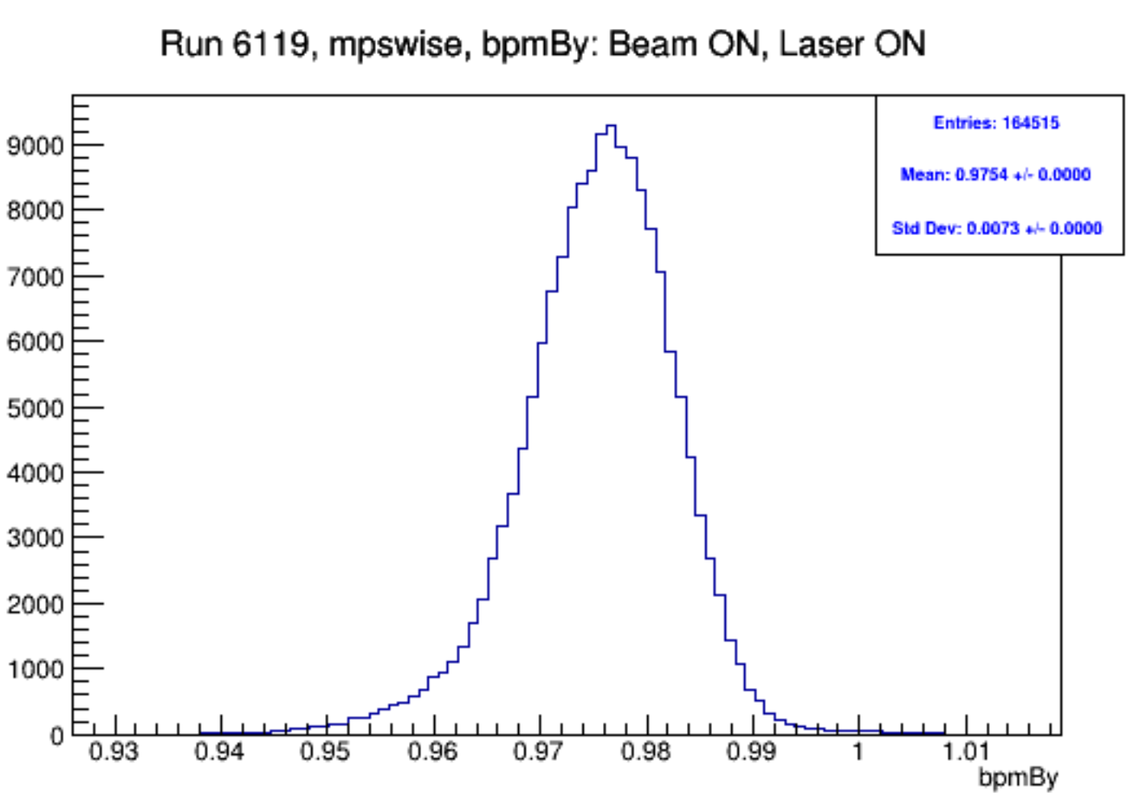

Run 6119 mpswise, bpmBx: Beam OFF
Entries: 40036
Mean: 1.5649 +/- 0.0059
Std Dev: 1.1737 +/- 0.0041
bpmBx

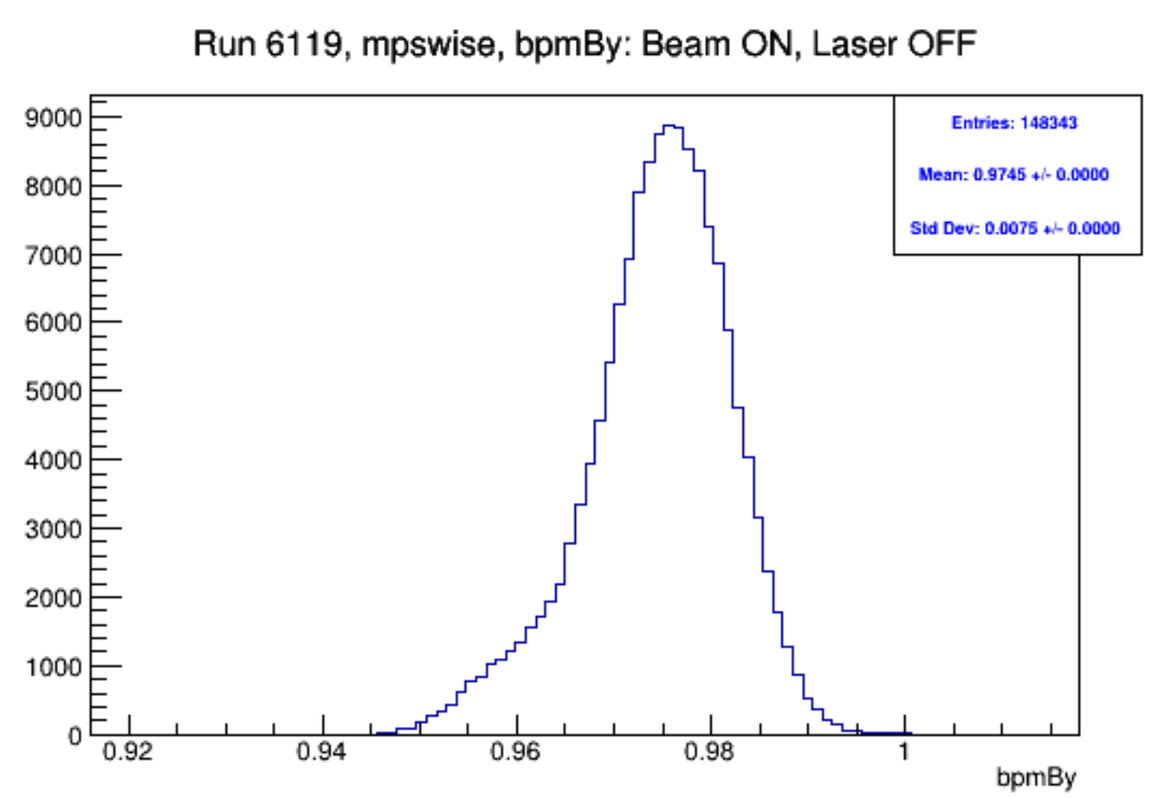

Run 6119, mpswise, bpmBx: Beam ON, Laser ON
Entries: 164515
Mean: -1.0623 +/- 0.0000
Std Dev: 0.0092 +/- 0.0000
bpmBx

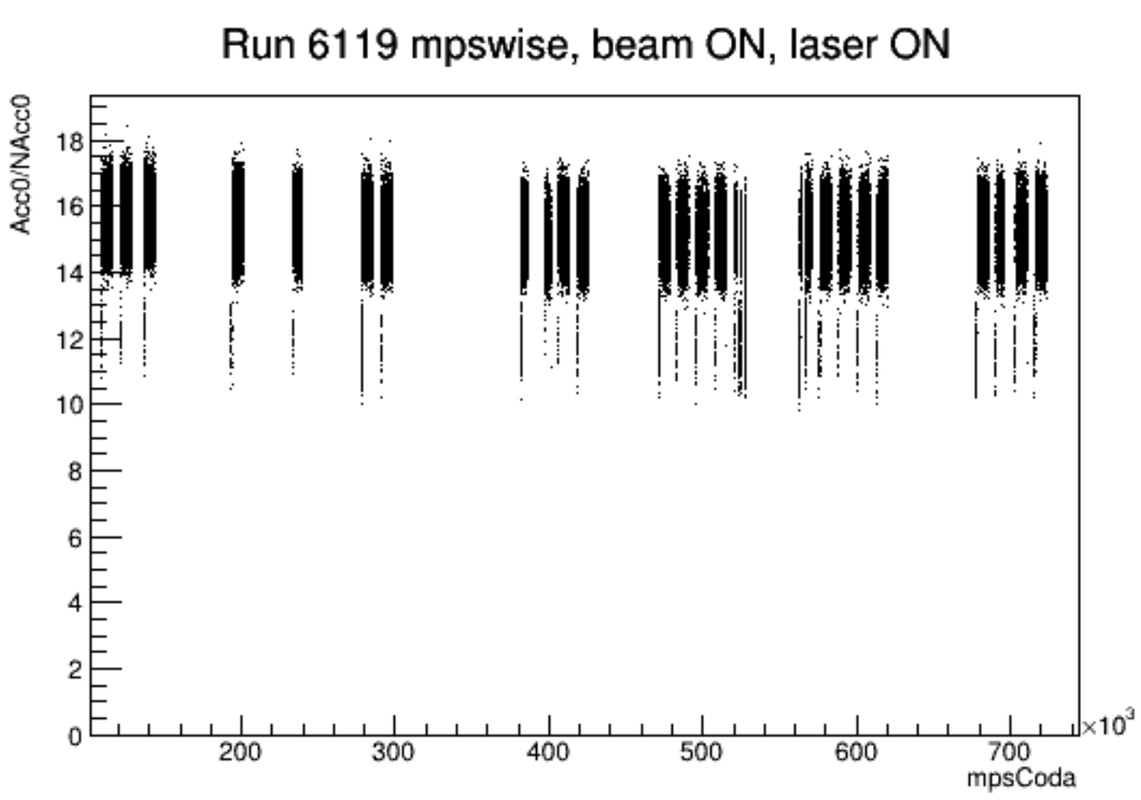

Run 6119, mpswise, bpmBx: Beam ON, Laser OFF
Entries: 148343
Mean: -1.0627 +/- 0.0000
Std Dev: 0.0079 +/- 0.0000
bpmBx

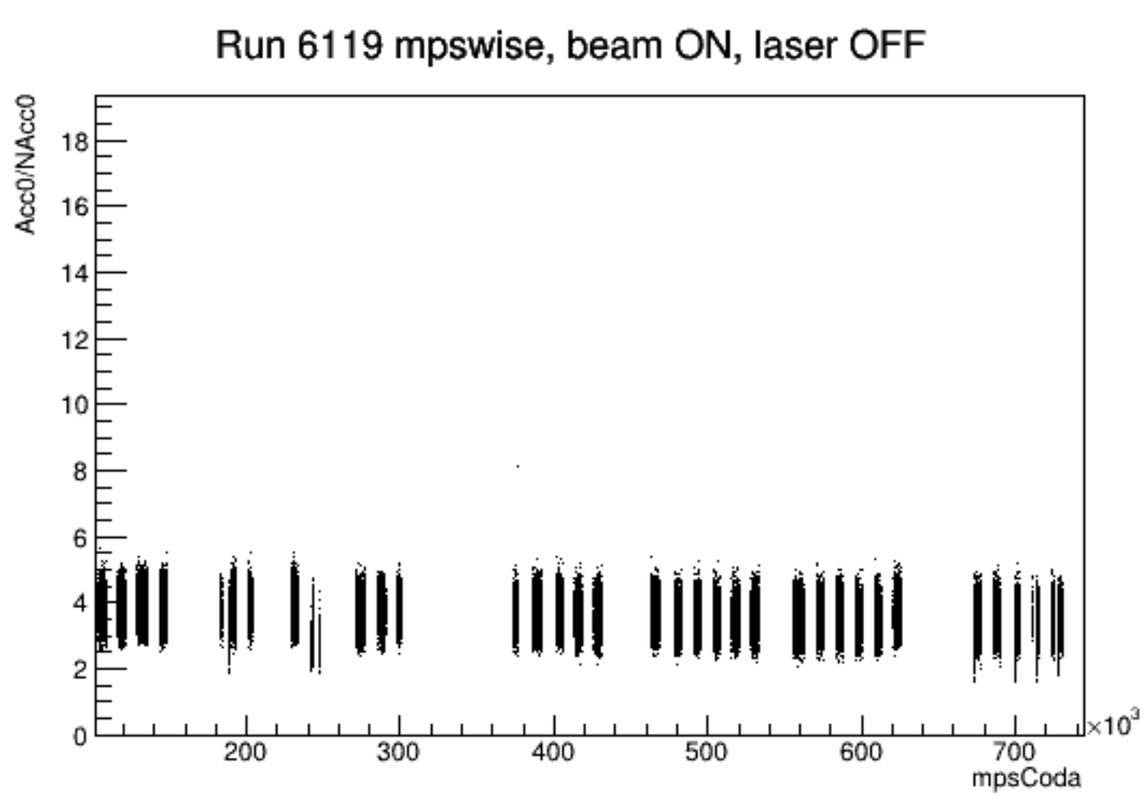

Run 6119 mpswise, bpmBy: All
×10^3
Entries: 376688
Mean: 0.7837 +/- 0.0011
Std Dev: 0.6628 +/- 0.0008
350
300
250
200
150
100
50
0
−50
0
50
100
150
200
bpmBy

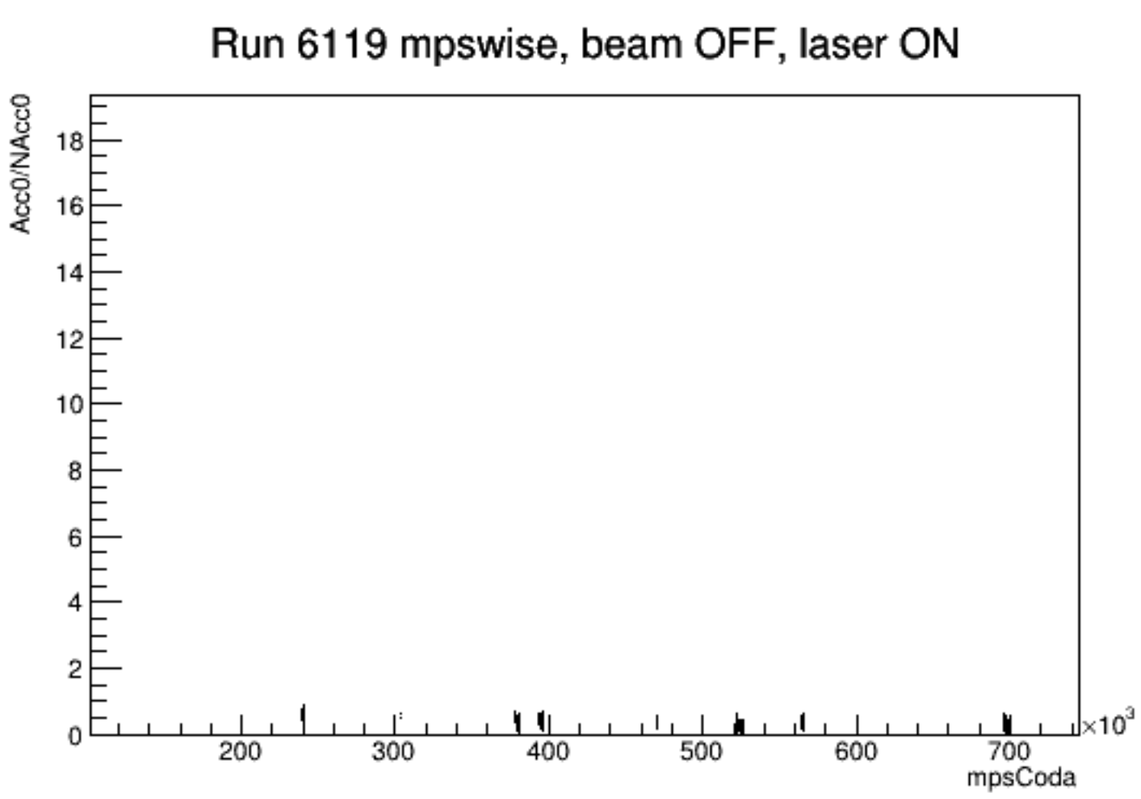

Run 6119 mpswise, bpmBy: Beam OFF
Entries: 40036
Mean: -0.7481 +/- 0.0059
Std Dev: 1.1726 +/- 0.0041
40000
35000
30000
25000
20000
15000
10000
5000
0
−50
0
50
100
150
200
bpmBy

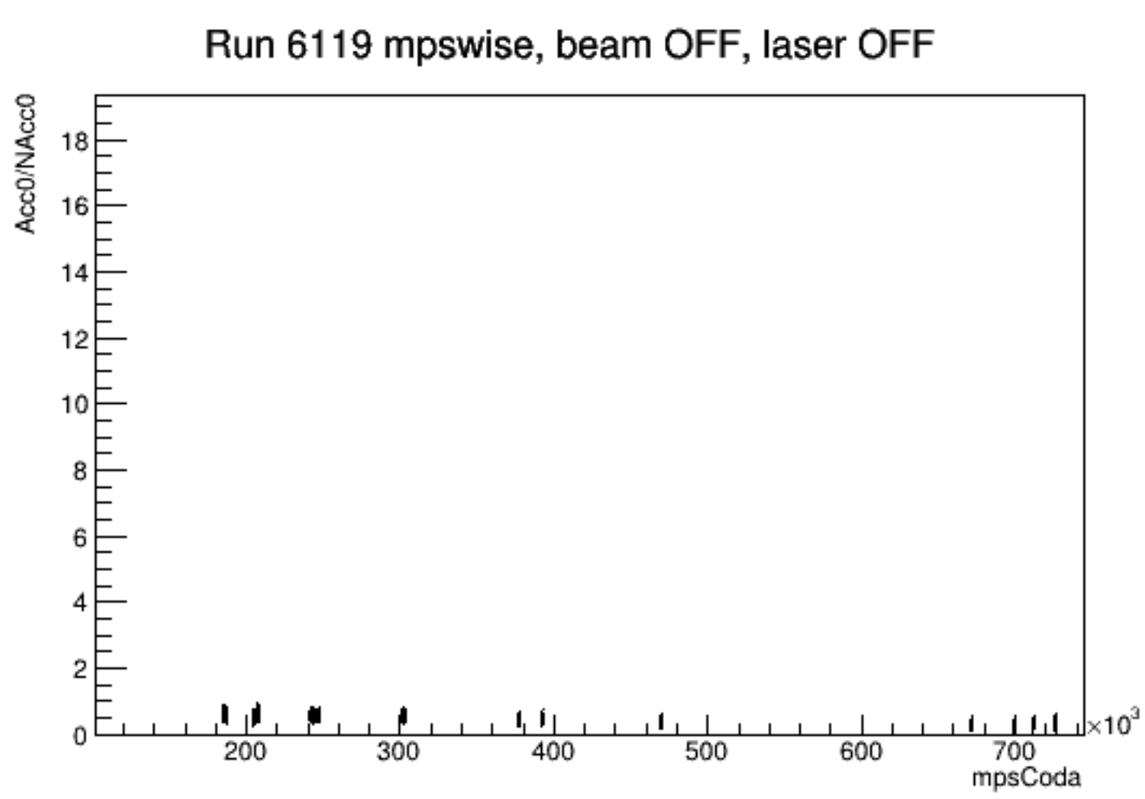

Run 6119, mpswise, bpmBy: Beam ON, Laser ON
Entries: 164515
Mean: 0.9754 +/- 0.0000
Std Dev: 0.0073 +/- 0.0000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0.93
0.94
0.95
0.96
0.97
0.98
0.99
1
1.01
bpmBy

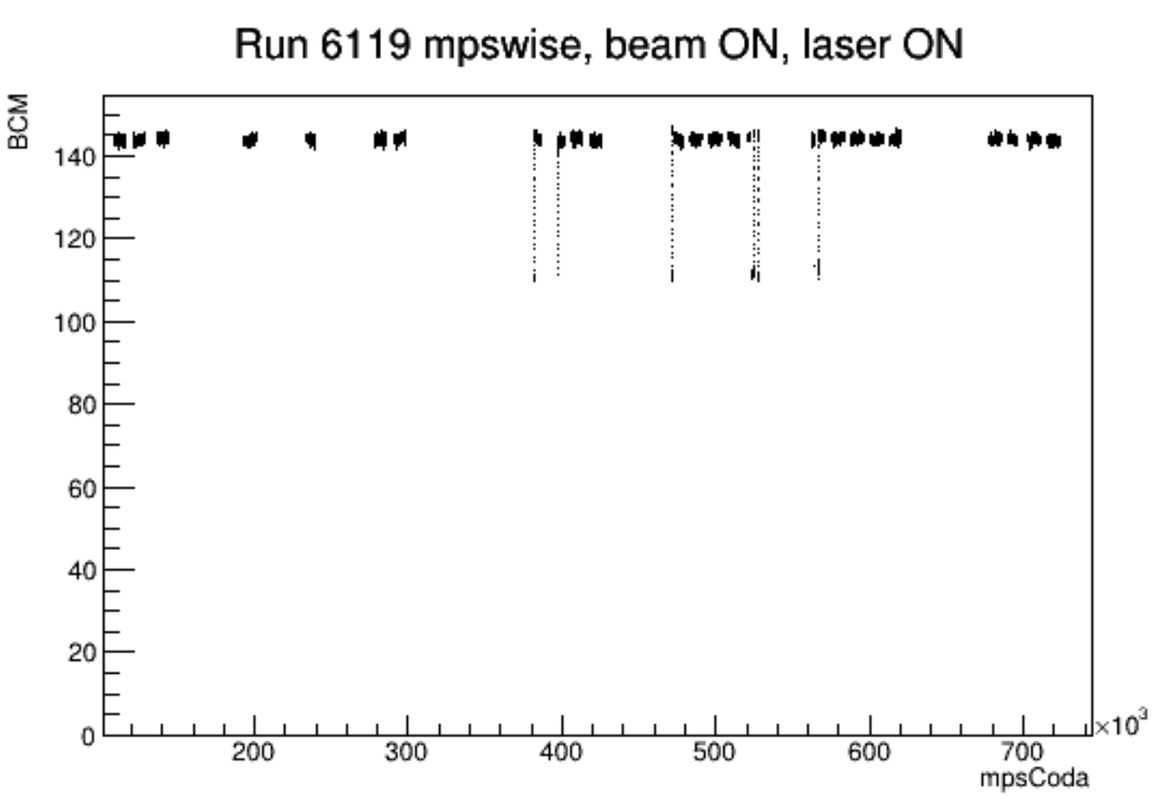

Run 6119, mpswise, bpmBy: Beam ON, Laser OFF
Entries: 148343
Mean: 0.9745 +/- 0.0000
Std Dev: 0.0075 +/- 0.0000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0.92
0.94
0.96
0.98
1
bpmBy

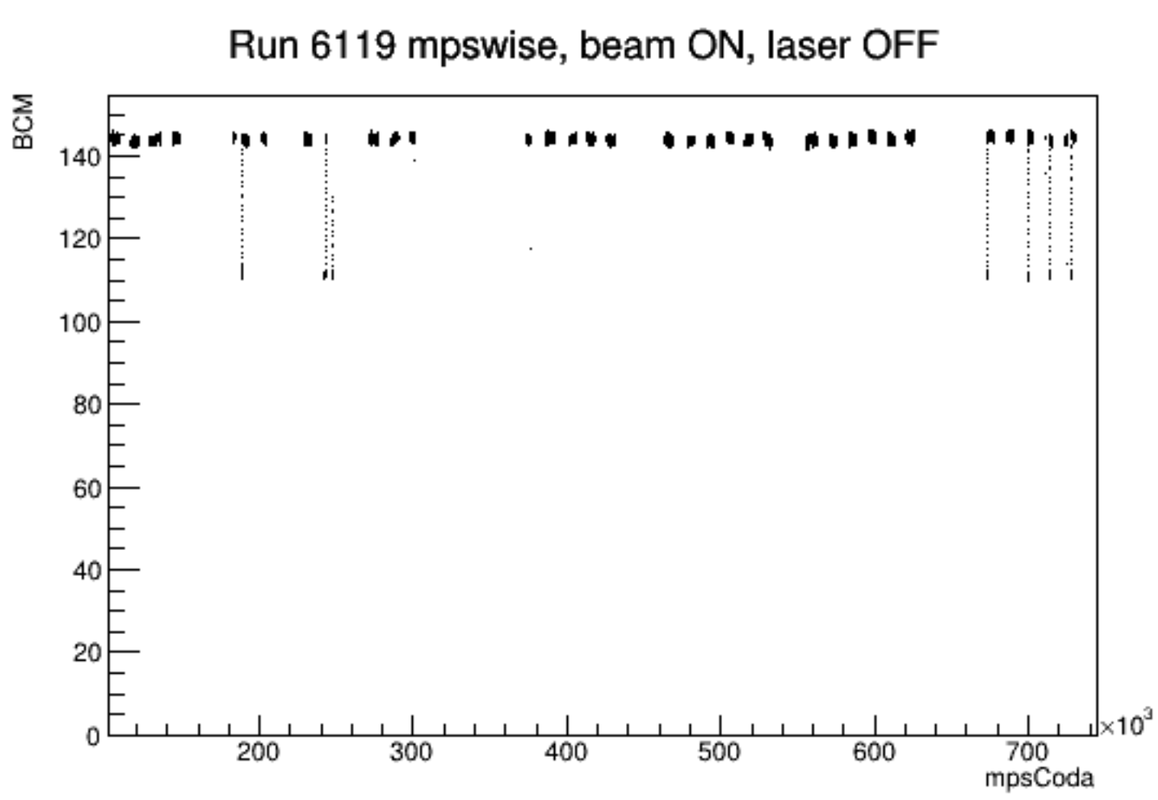

Run 6119 mpswise, beam ON, laser ON
Acc0/NAcc0
mpsCoda
×10^3

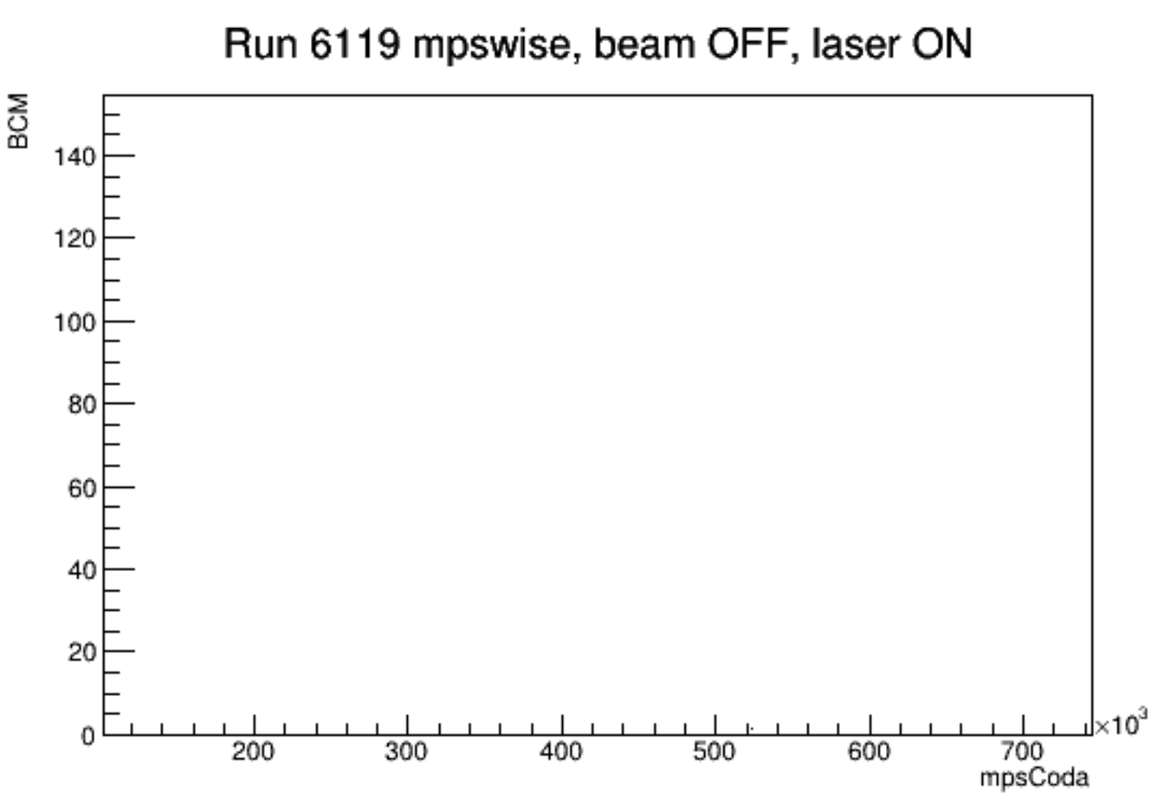

Run 6119 mpswise, beam ON, laser OFF
Acc0/NAcc0
mpsCoda
×10^3

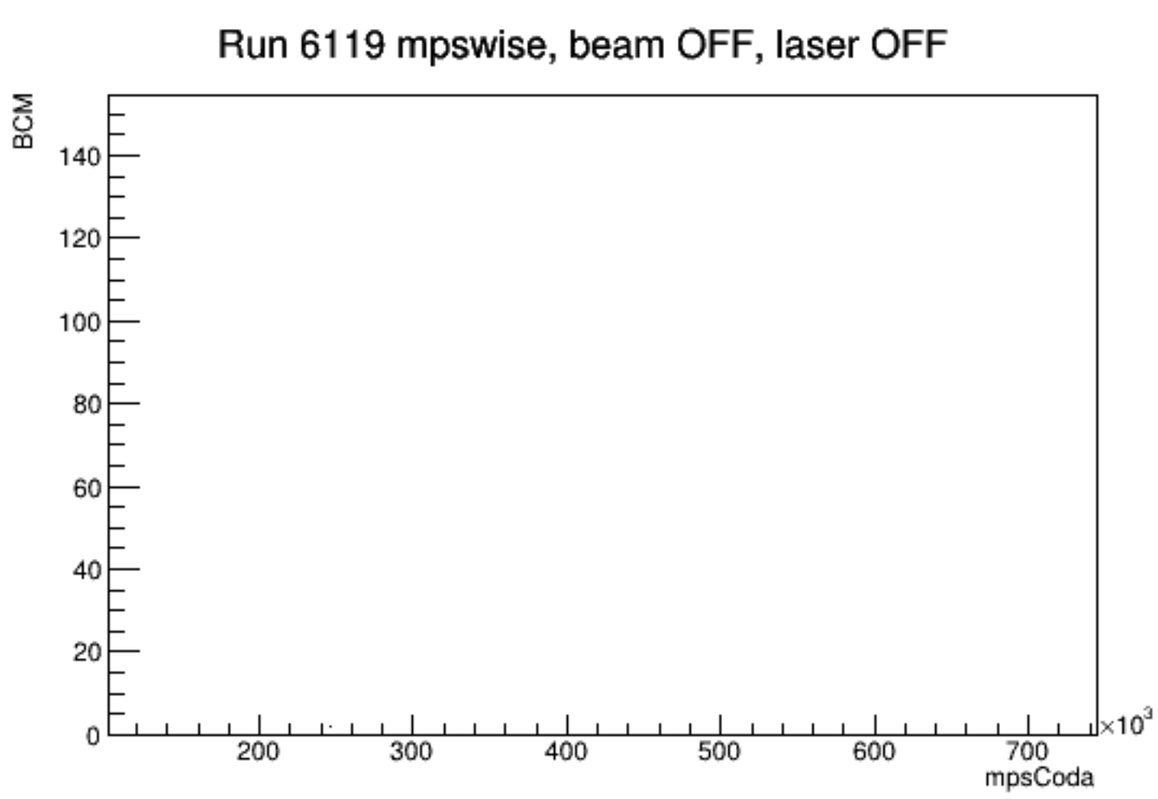

Run 6119 mpswise, beam OFF, laser ON
Acc0/NAcc0
mpsCoda
×10^3

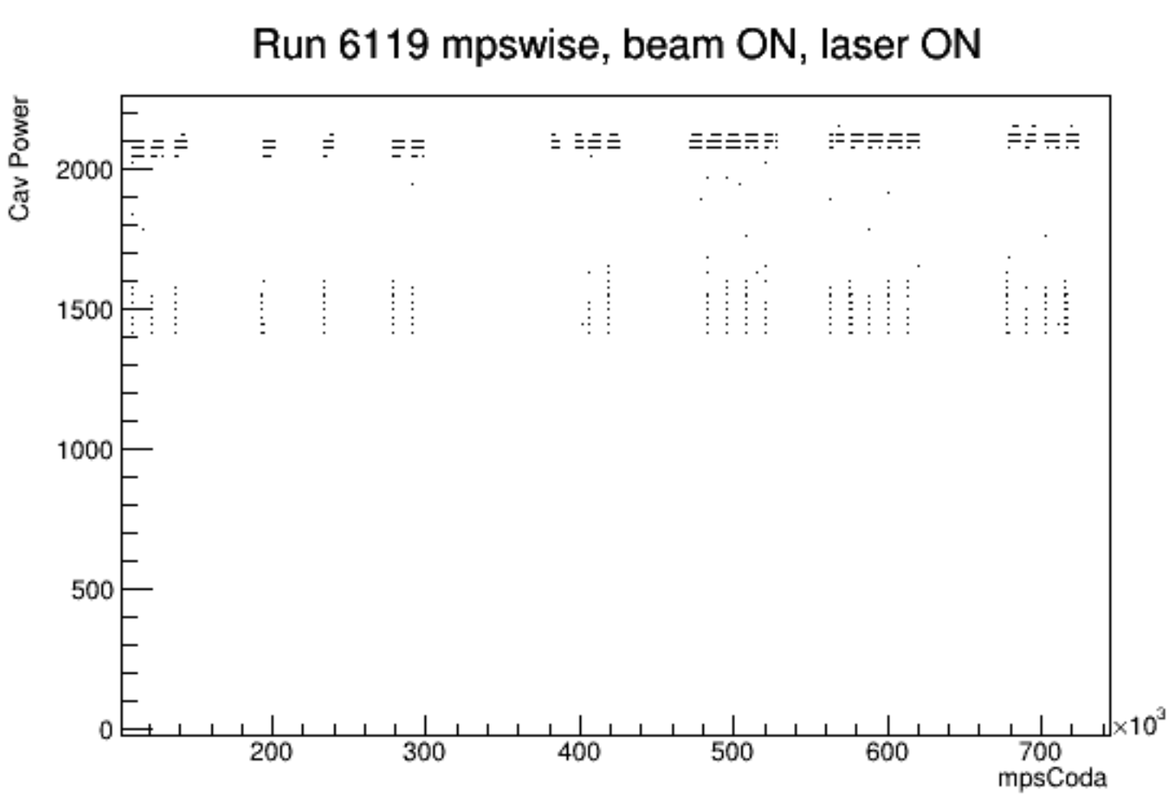

Run 6119 mpswise, beam OFF, laser OFF
Acc0/NAcc0
mpsCoda
×10^3

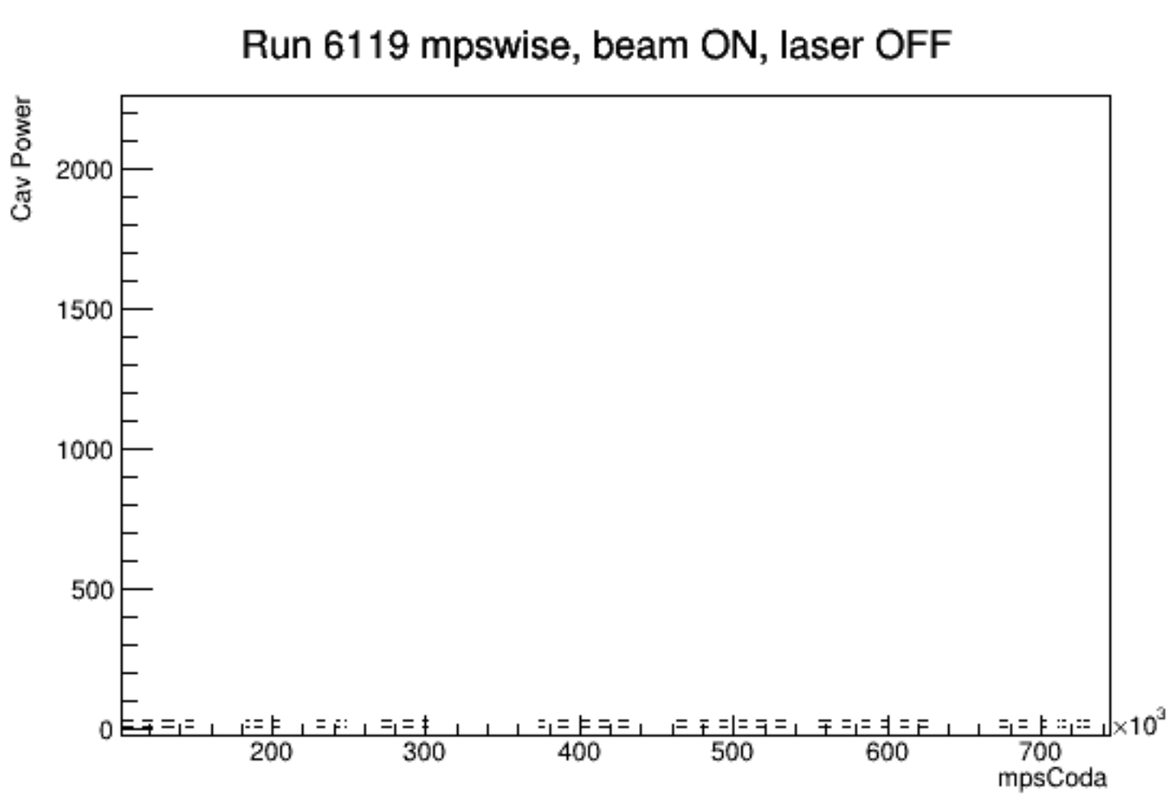

Run 6119 mpswise, beam ON, laser ON
BCM
0
20
40
60
80
100
120
140
200
300
400
500
600
700
×10^3
mpsCoda

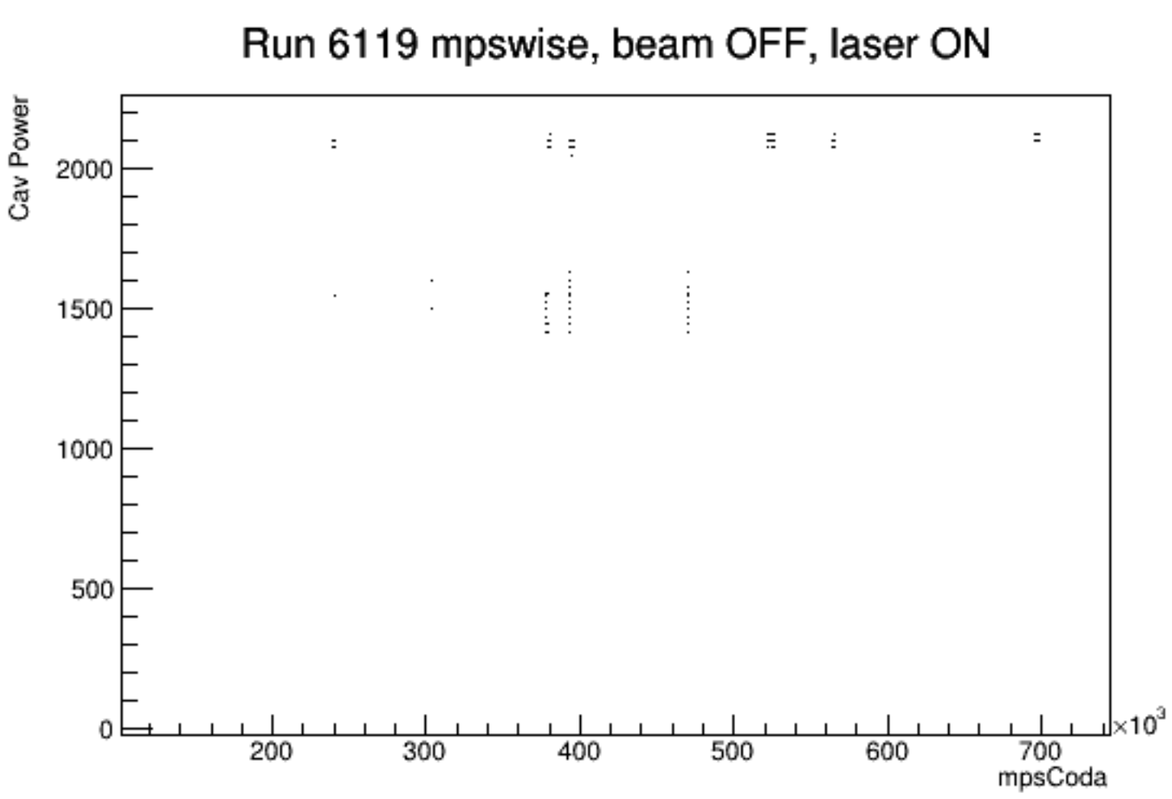

Run 6119 mpswise, beam ON, laser OFF
BCM
0
20
40
60
80
100
120
140
200
300
400
500
600
700
×10^3
mpsCoda

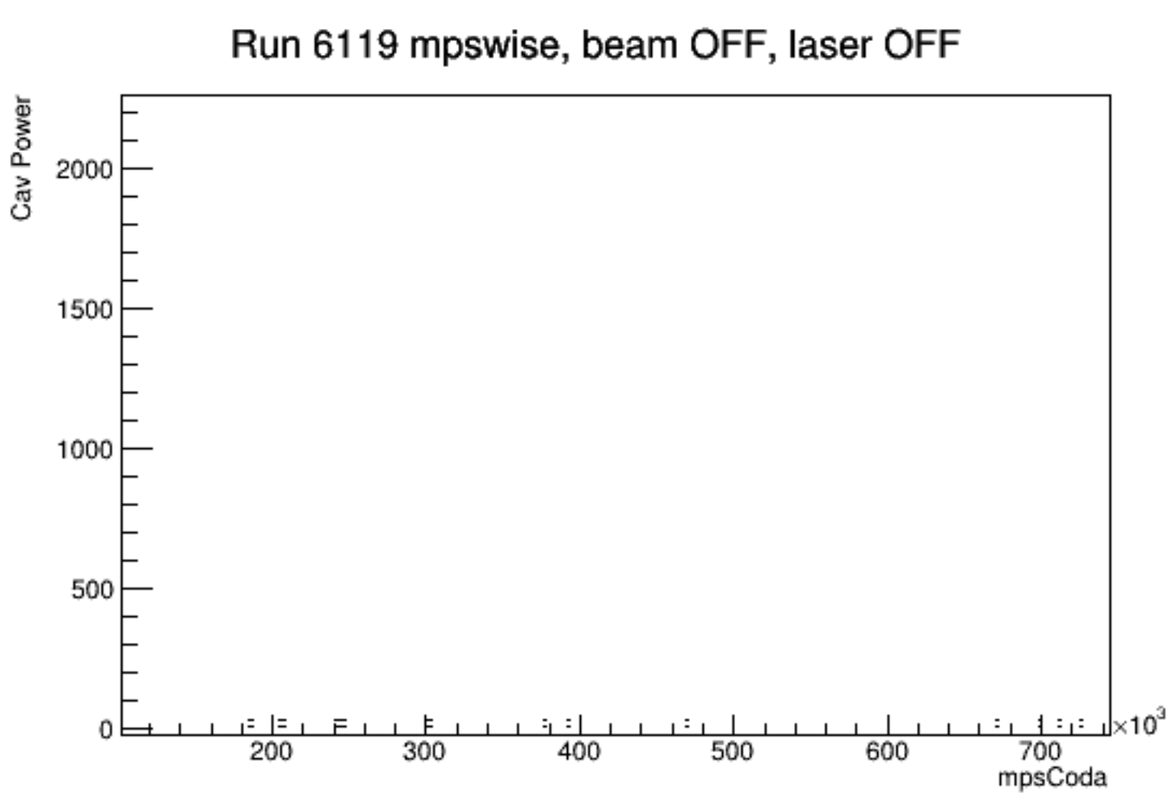

Run 6119 mpswise, beam OFF, laser ON
BCM
0
20
40
60
80
100
120
140
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam OFF, laser OFF
BCM
0
20
40
60
80
100
120
140
200
300
400
500
600
700
×10^3
mpsCoda

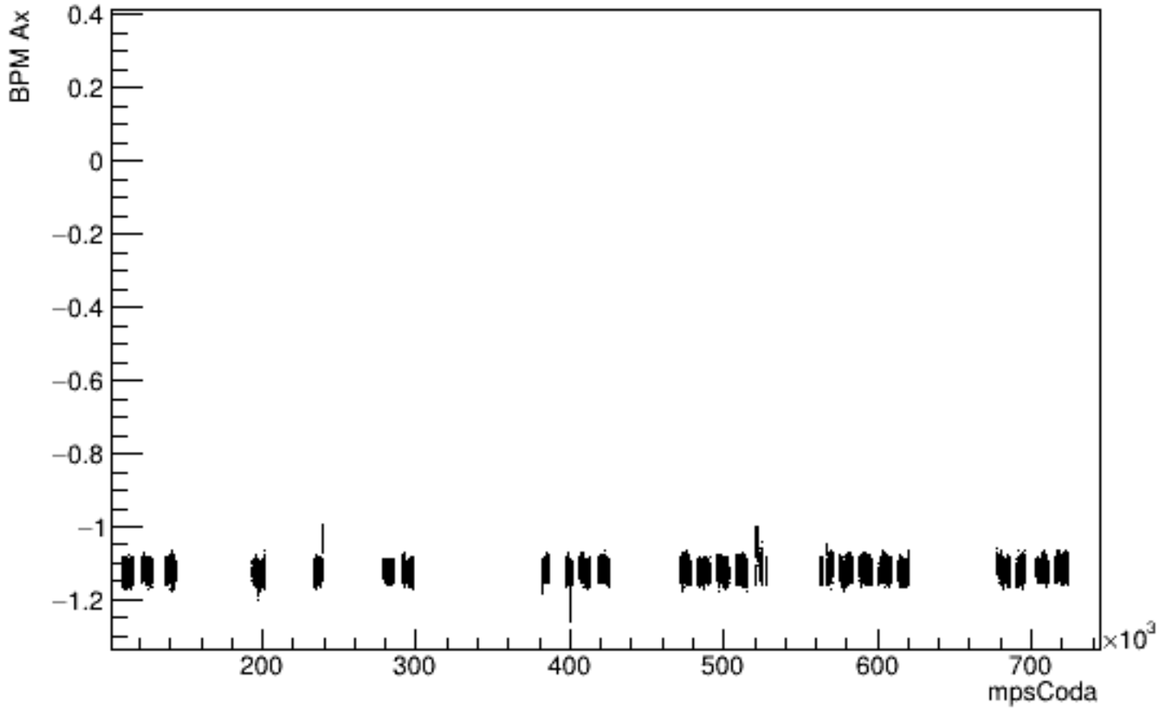

Run 6119 mpswise, beam ON, laser ON
Cav Power
2000
1500
1000
500
0
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam ON, laser OFF
Cav Power
2000
1500
1000
500
0
200
300
400
500
600
700
×10^3
mpsCoda

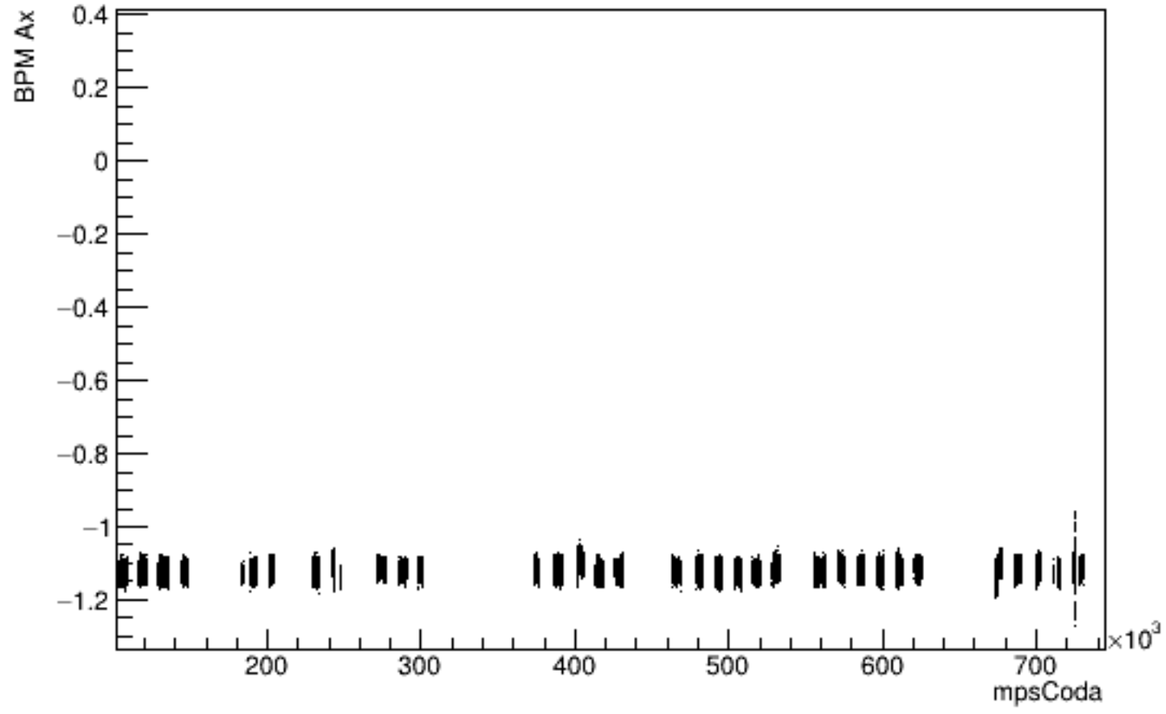

Run 6119 mpswise, beam OFF, laser ON
Cav Power
2000
1500
1000
500
0
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam OFF, laser OFF
Cav Power
2000
1500
1000
500
0
200
300
400
500
600
700
×10^3
mpsCoda

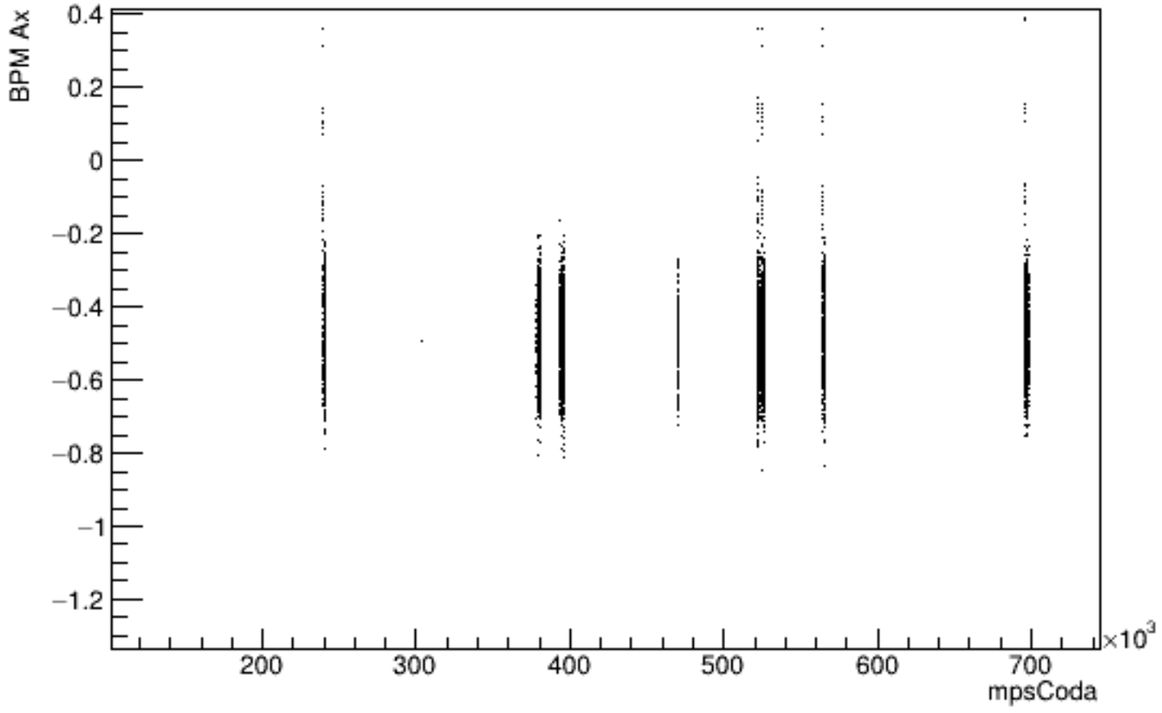
Run 6119 mpswise, beam ON, laser ON



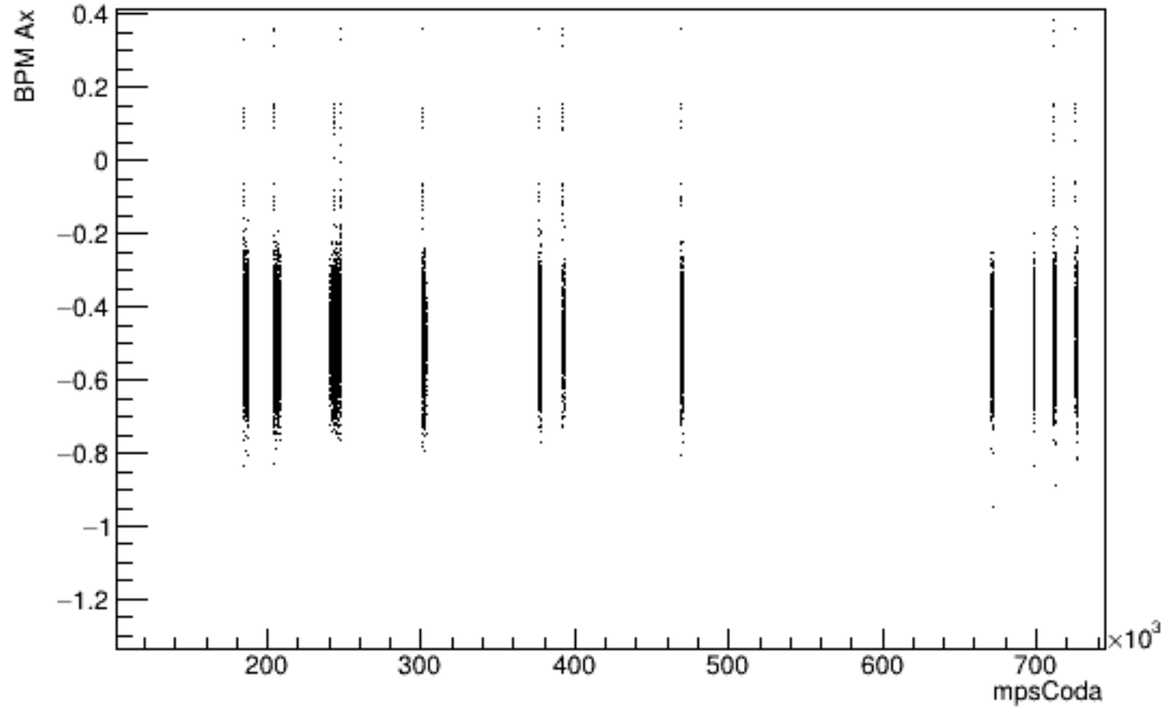
Run 6119 mpswise, beam ON, laser OFF



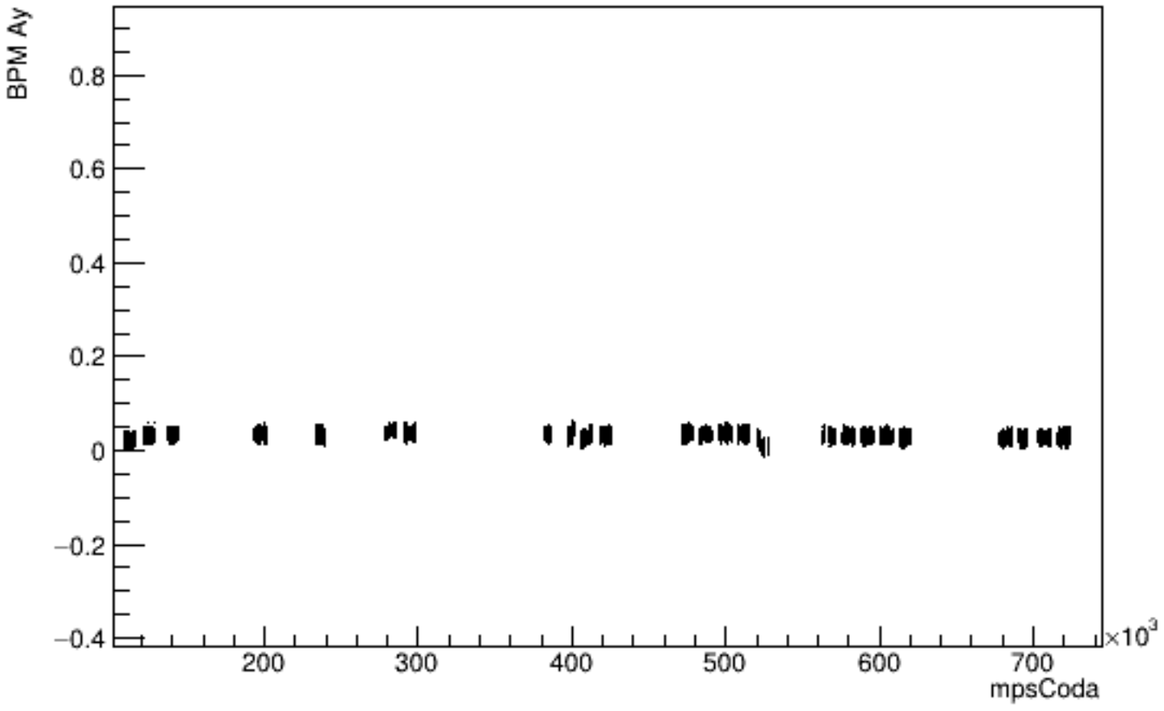
Run 6119 mpswise, beam OFF, laser ON



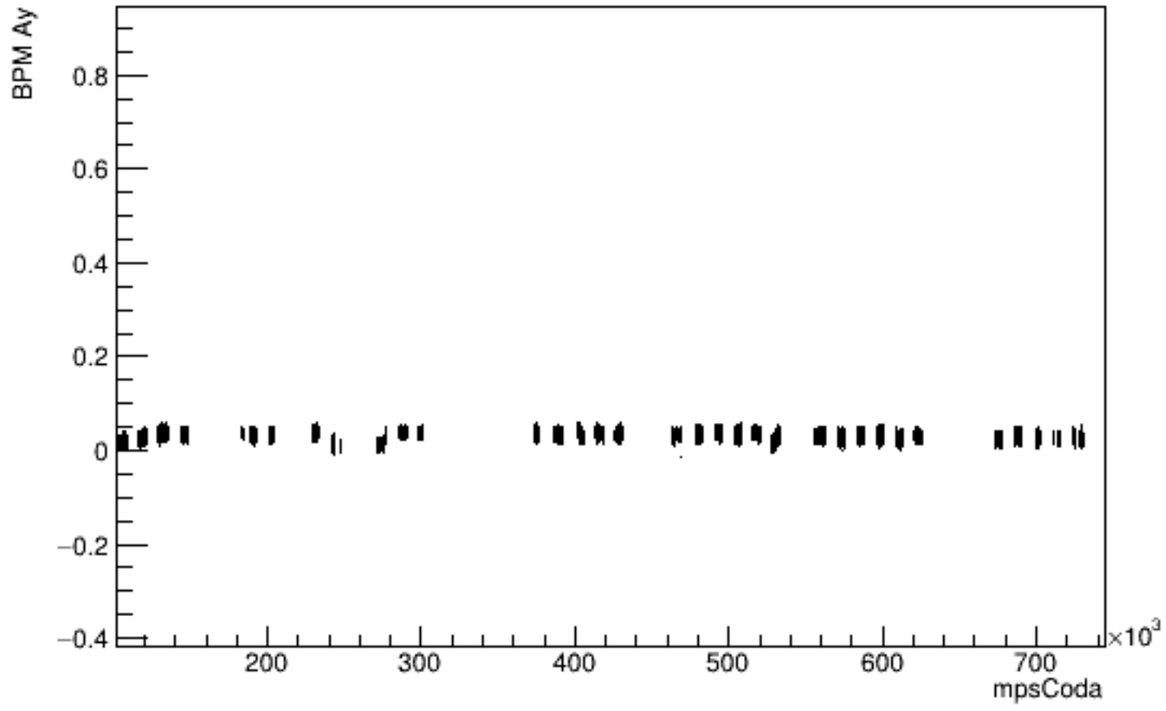
Run 6119 mpswise, beam OFF, laser OFF



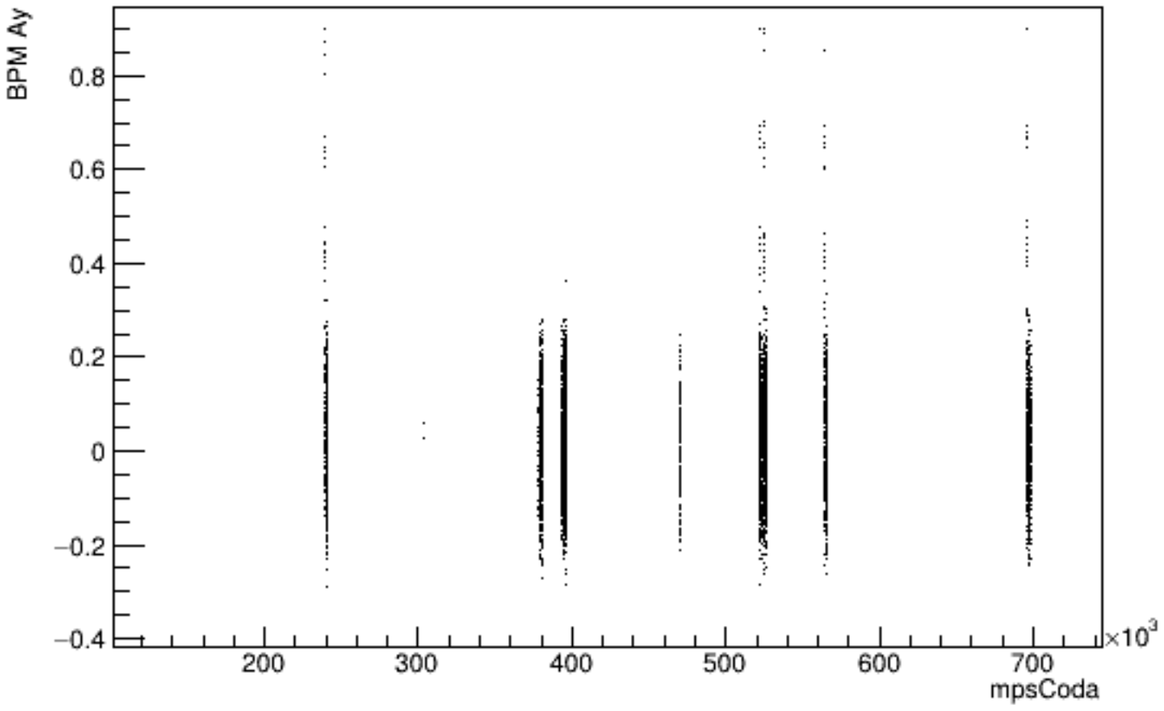
Run 6119 mpswise, beam ON, laser ON



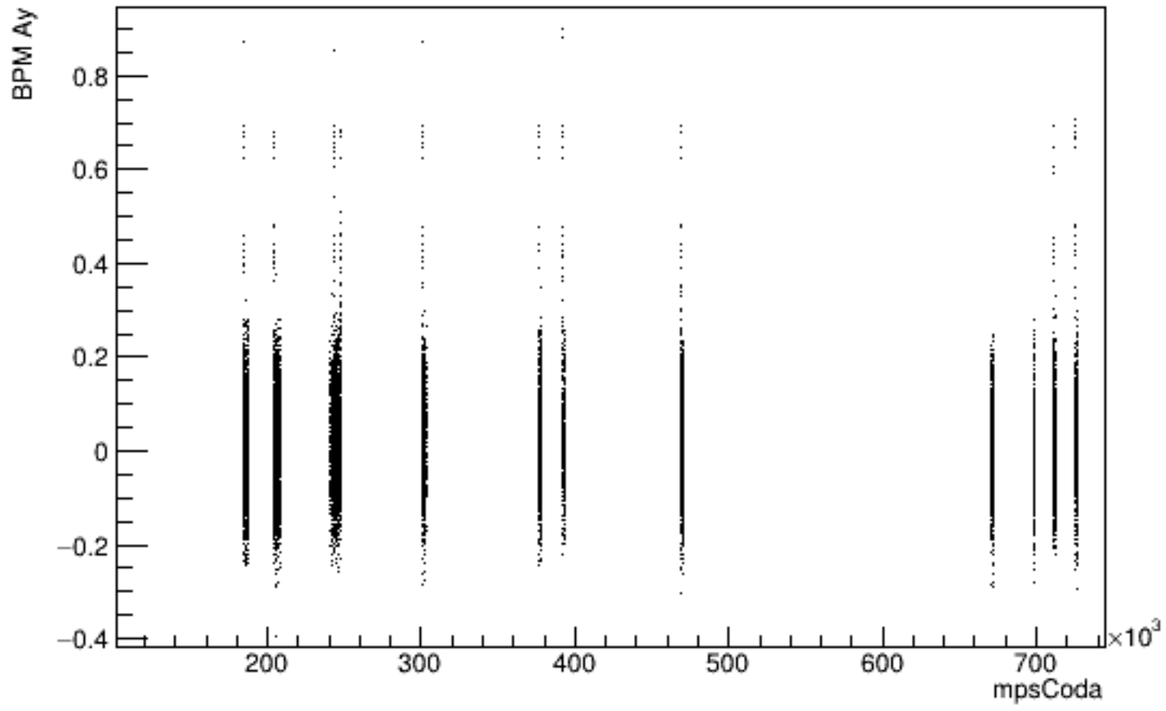
Run 6119 mpswise, beam ON, laser OFF

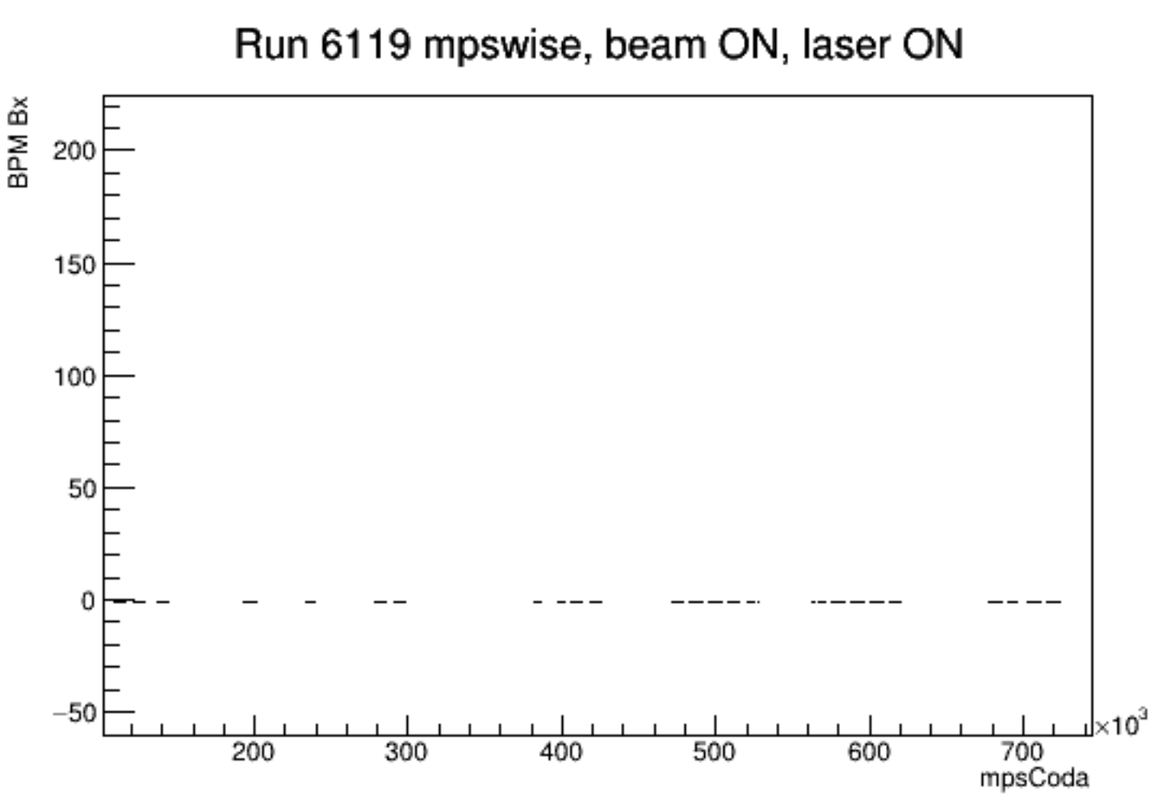


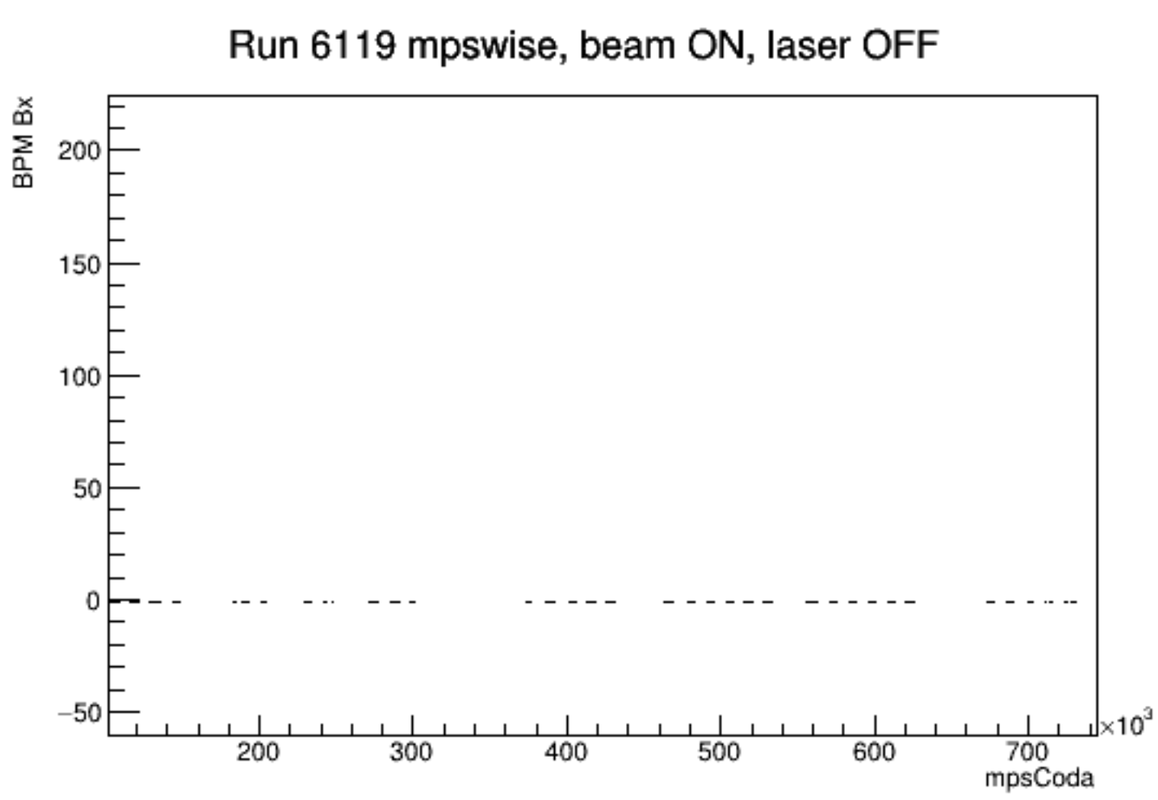
Run 6119 mpswise, beam OFF, laser ON

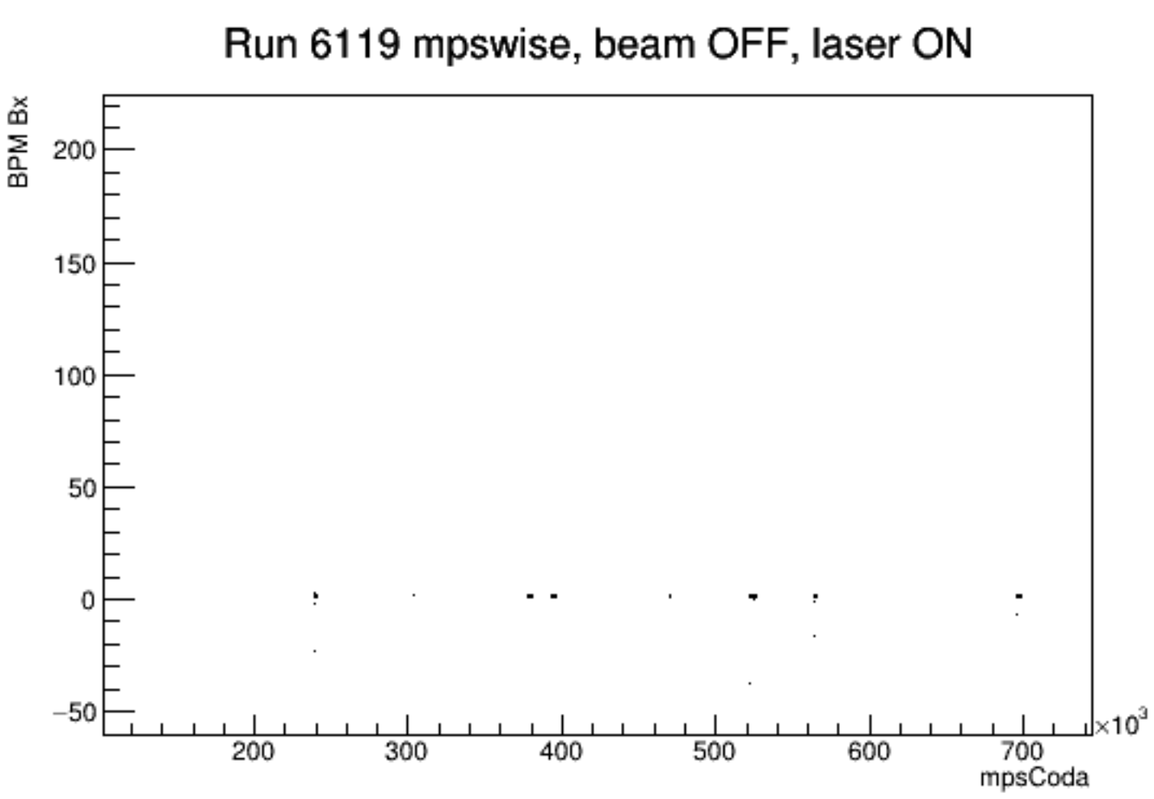


Run 6119 mpswise, beam OFF, laser OFF




Run 6119 mpswise, beam ON, laser ON
BPM Bx
200
150
100
50
0
−50
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam ON, laser OFF
BPM Bx
200
150
100
50
0
−50
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam OFF, laser ON
BPM Bx
200
150
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−50
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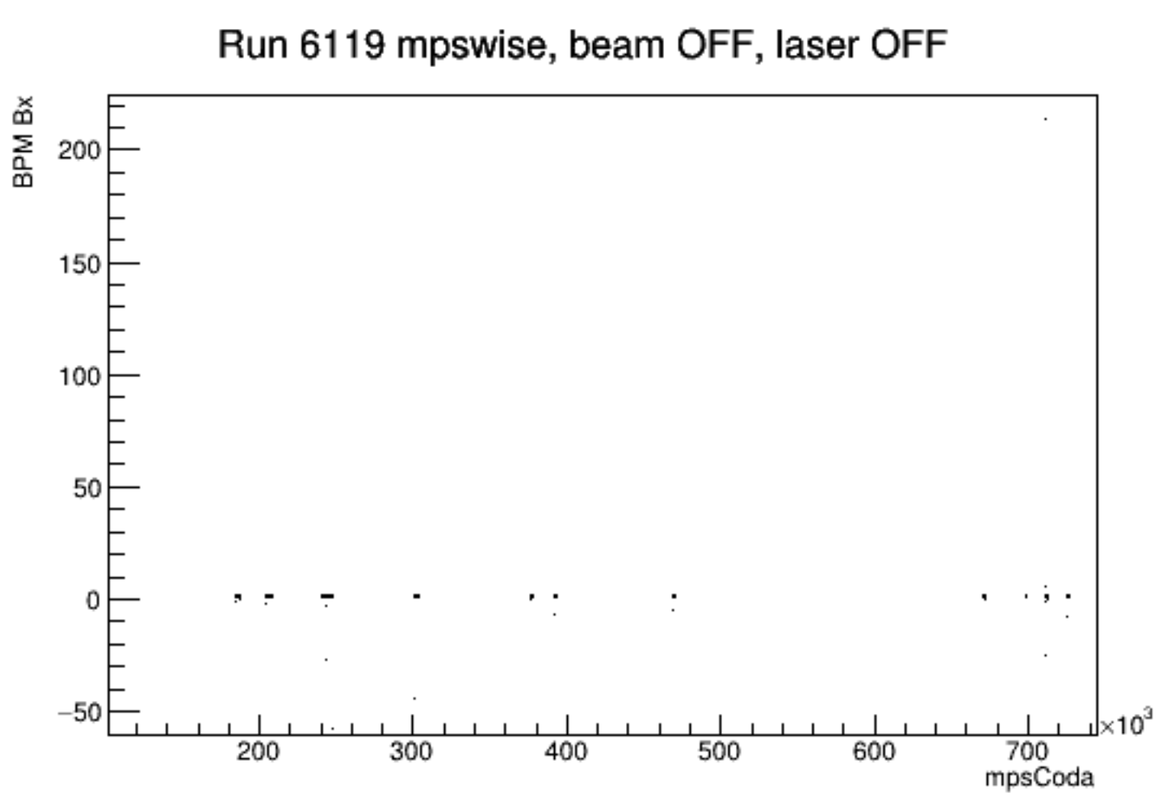
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam OFF, laser OFF
BPM Bx
200
150
100
50
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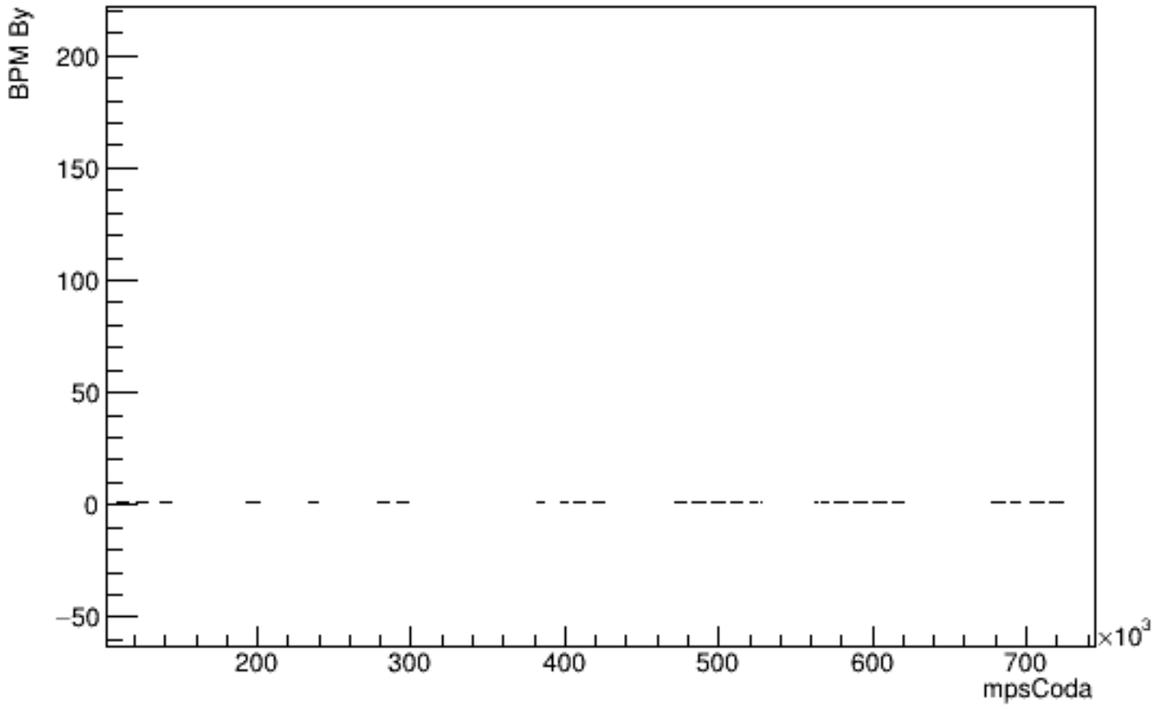
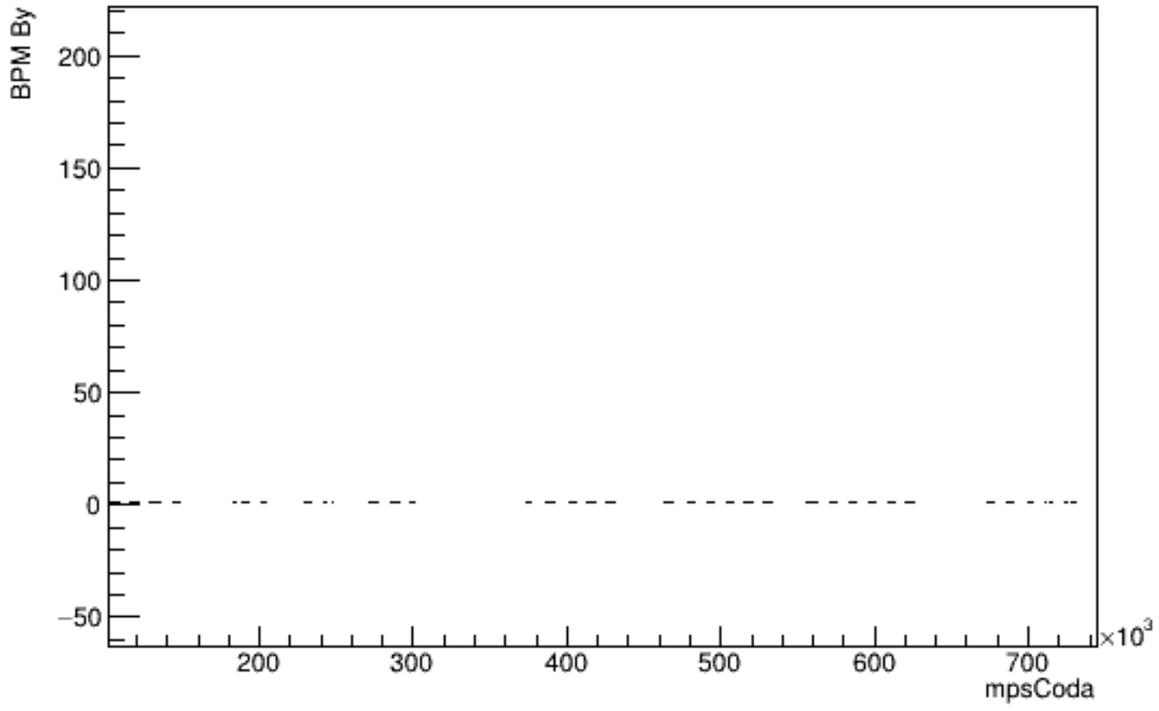
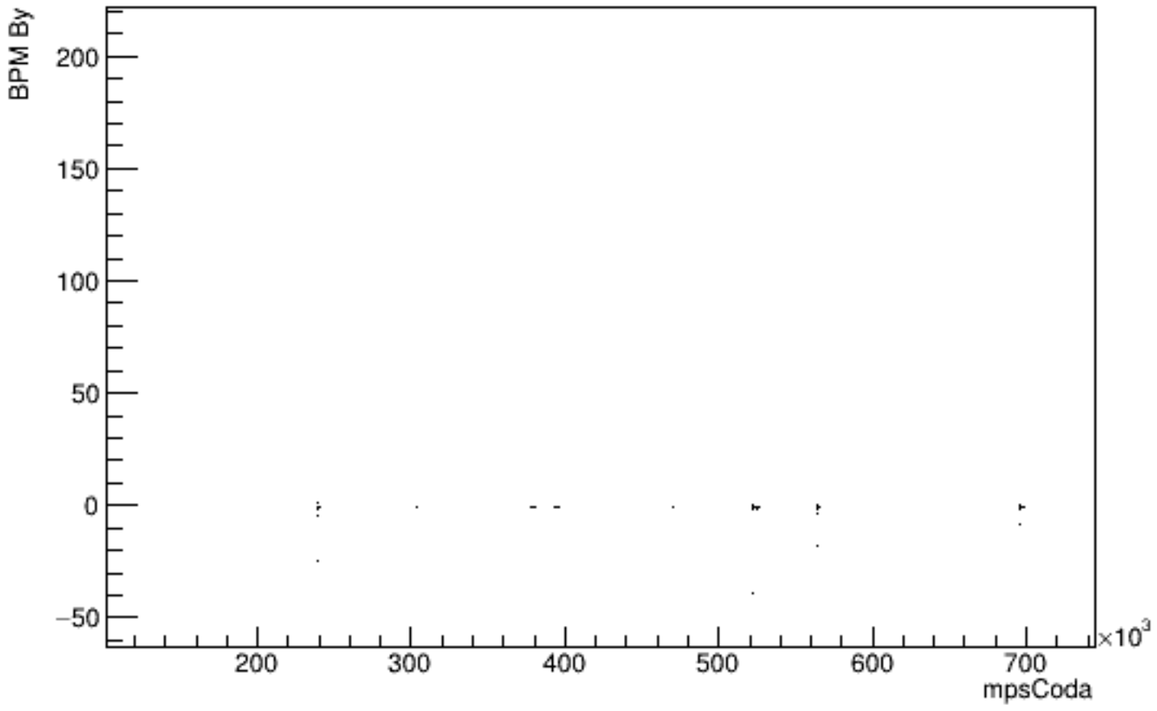
−50
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam ON, laser ON
BPM By
200
150
100
50
0
−50
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam ON, laser OFF
BPM By
200
150
100
50
0
−50
200
300
400
500
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam OFF, laser ON
BPM By
200
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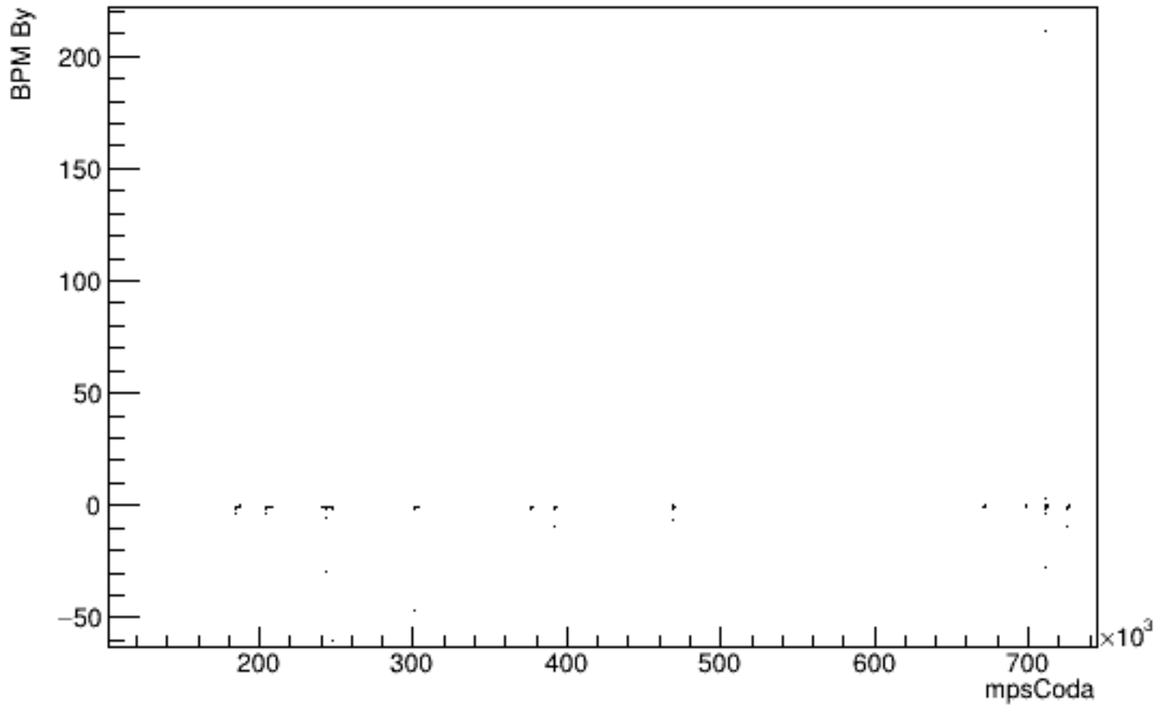
600
700
×10^3
mpsCoda


Run 6119 mpswise, beam OFF, laser OFF
BPM By
200
150
100
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0
−50
200
300
400
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600
700
×10^3
mpsCoda