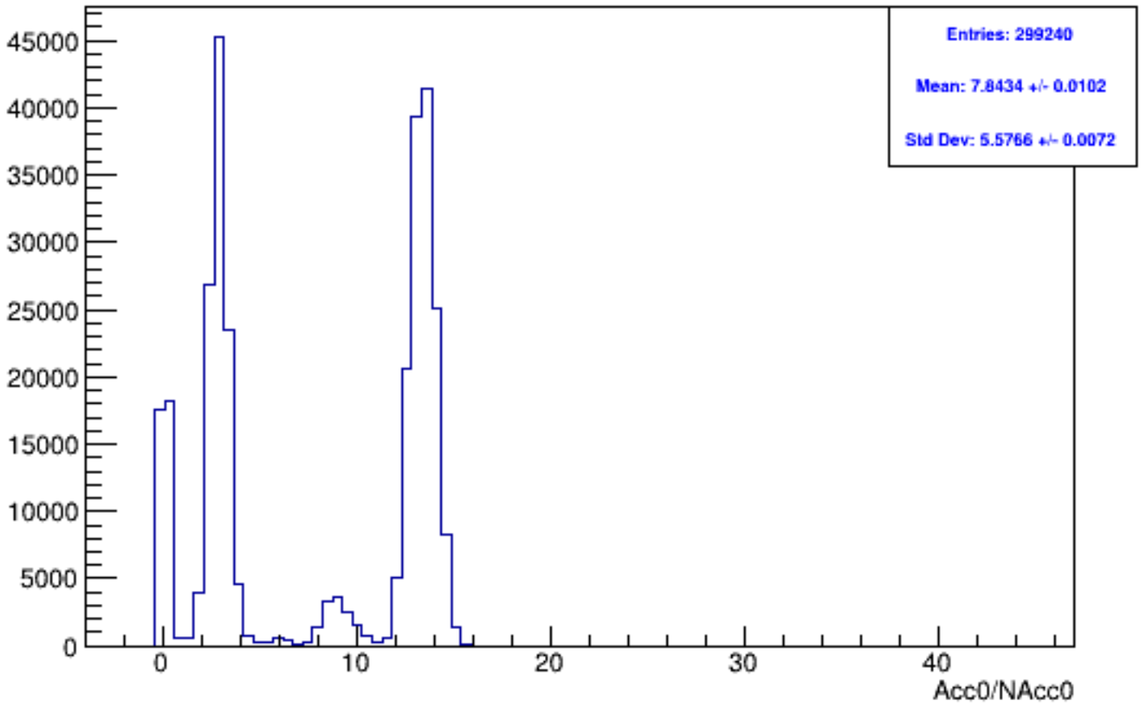
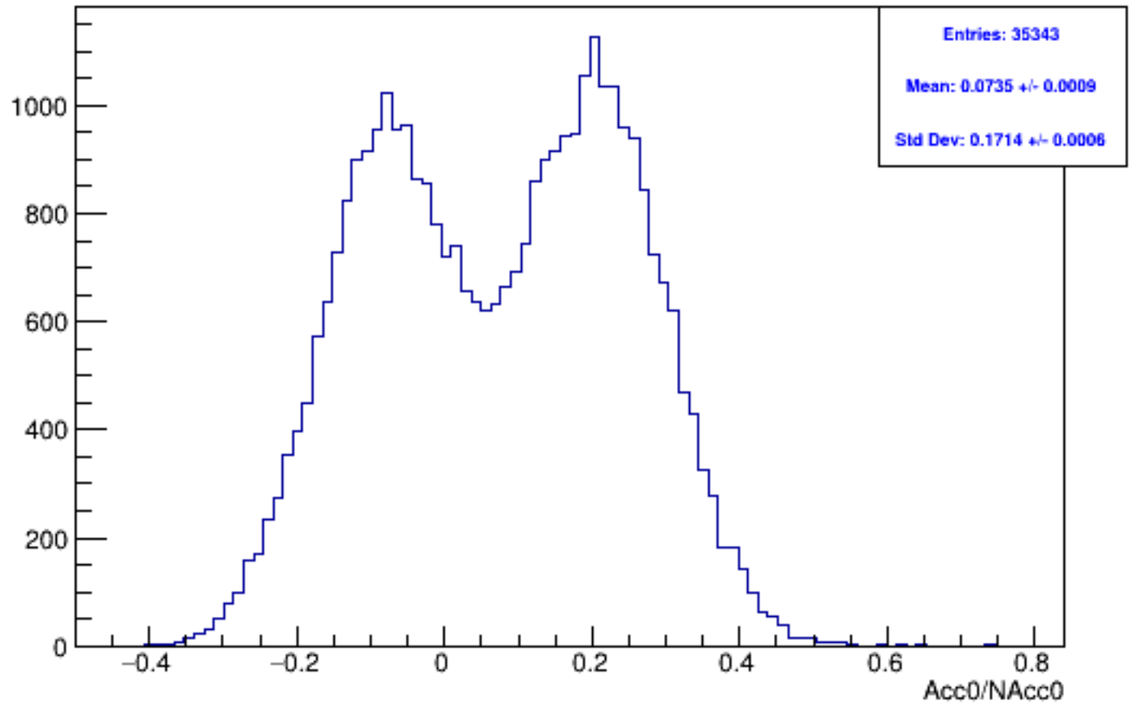
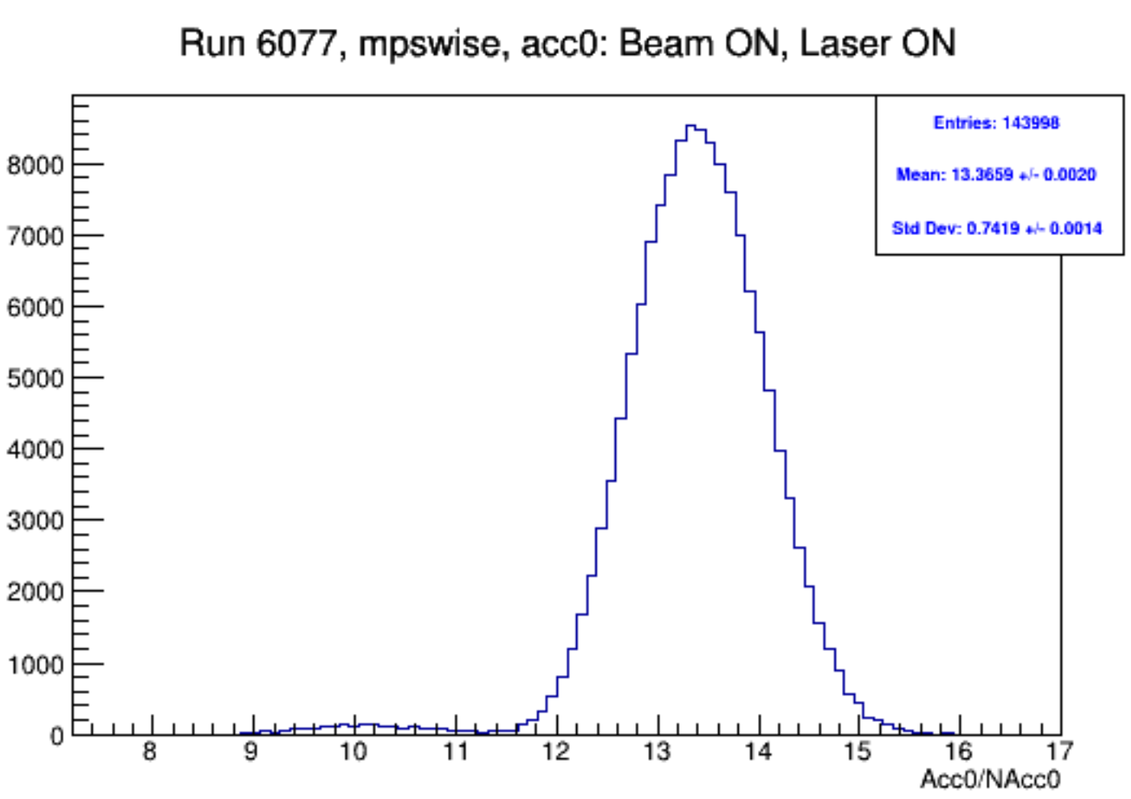
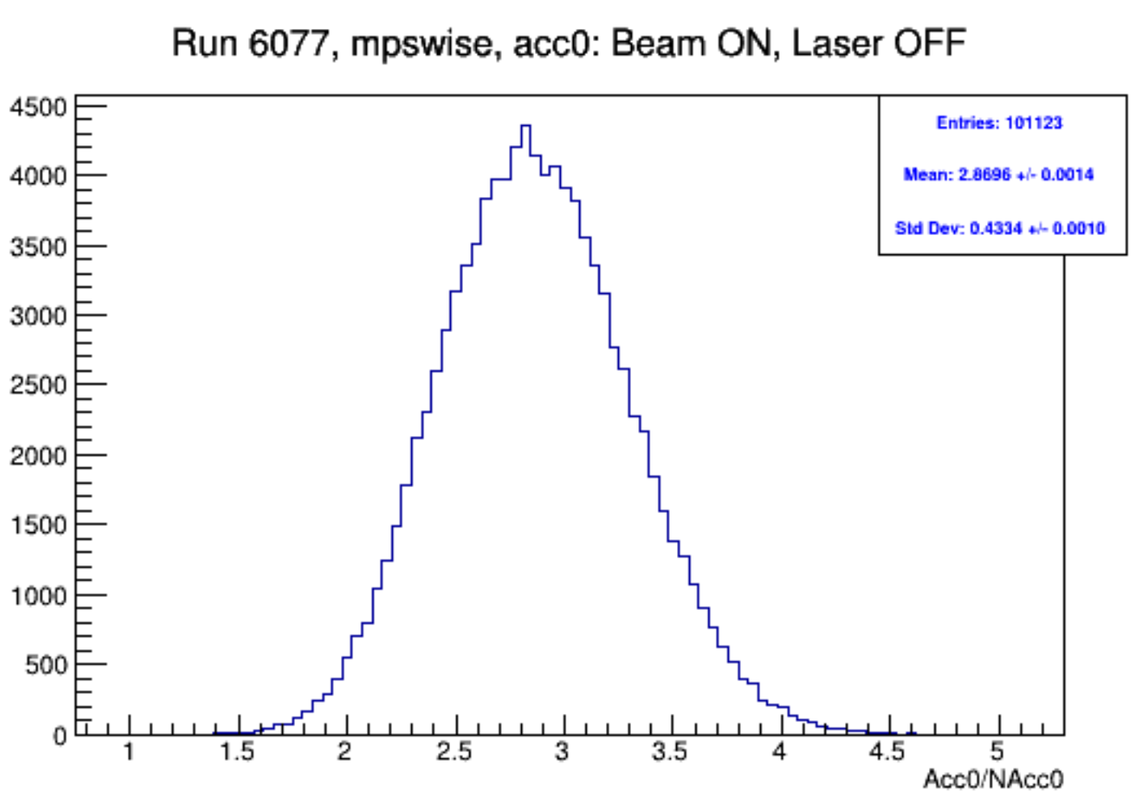
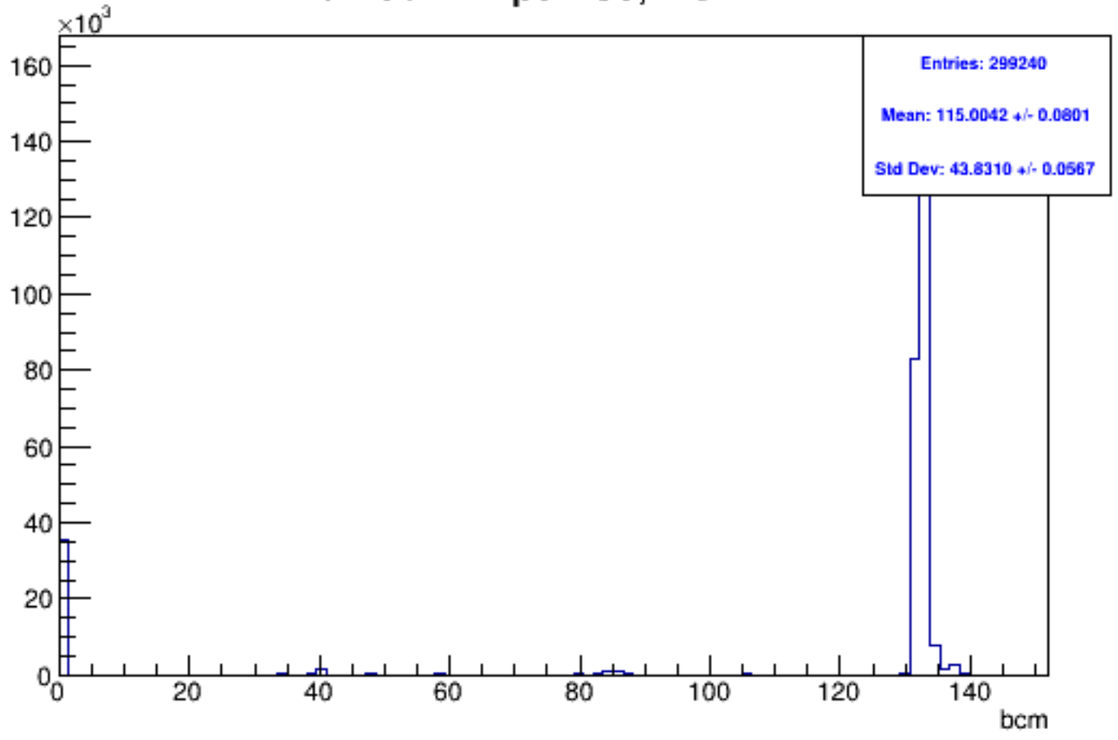

Run 6077 mpswise, acc0: All
Entries: 299240
Mean: 7.8434 +/- 0.0102
Std Dev: 5.5766 +/- 0.0072
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0
10
20
30
40
Acc0/NAcc0


Run 6077 mpswise, acc0: Beam OFF
Entries: 35343
Mean: 0.0735 +/- 0.0009
Std Dev: 0.1714 +/- 0.0006
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
Acc0/NAcc0

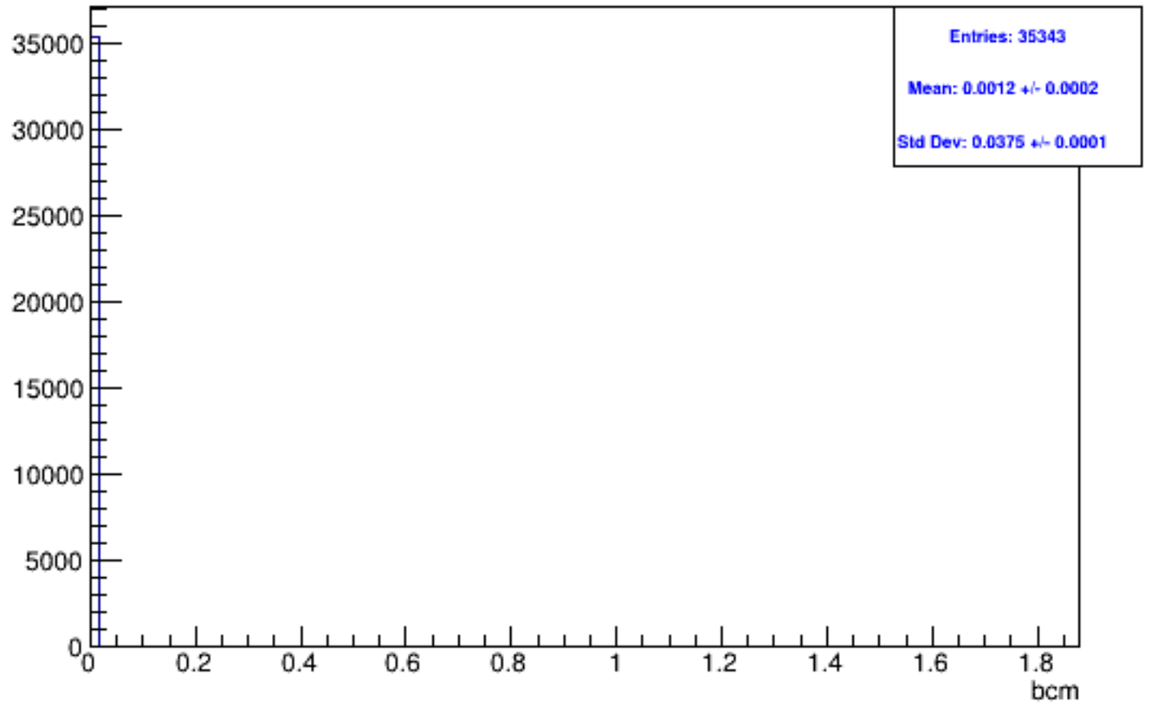

Run 6077, mpswise, acc0: Beam ON, Laser ON
Entries: 143998
Mean: 13.3659 +/- 0.0020
Std Dev: 0.7419 +/- 0.0014
8000
7000
6000
5000
4000
3000
2000
1000
0
8
9
10
11
12
13
14
15
16
17
Acc0/NAcc0


Run 6077, mpswise, acc0: Beam ON, Laser OFF
Entries: 101123
Mean: 2.8696 +/- 0.0014
Std Dev: 0.4334 +/- 0.0010
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1
1.5
2
2.5
3
3.5
4
4.5
5
Acc0/NAcc0

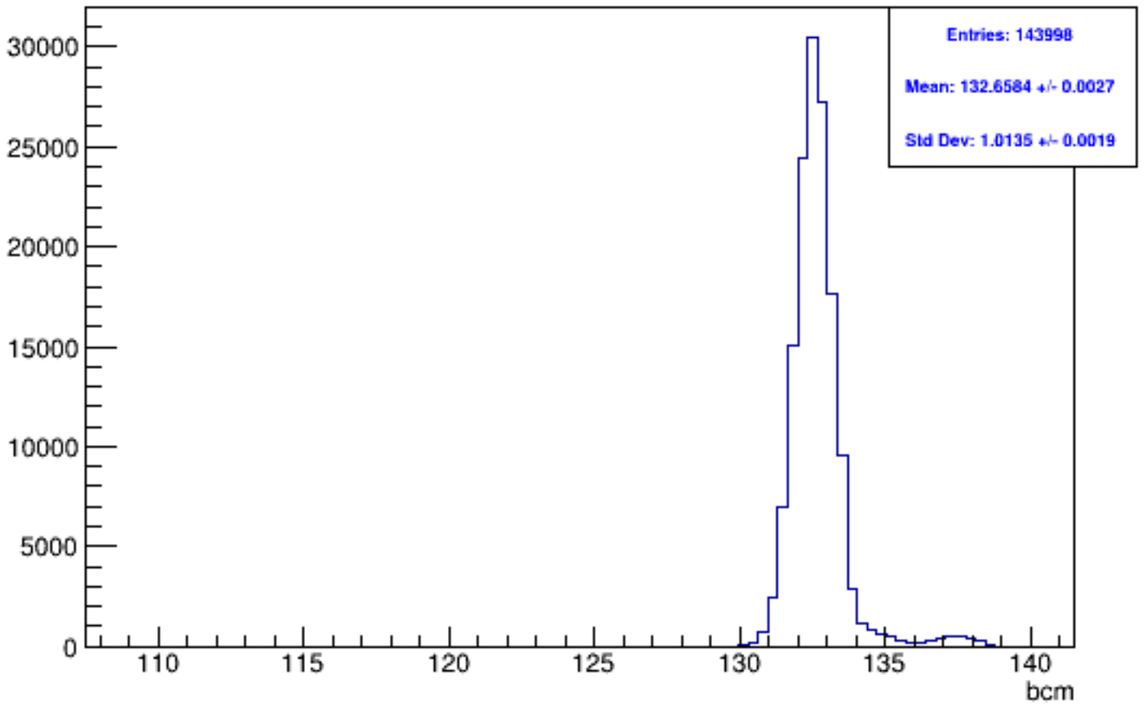
Run 6077 mpswise, BCM: All



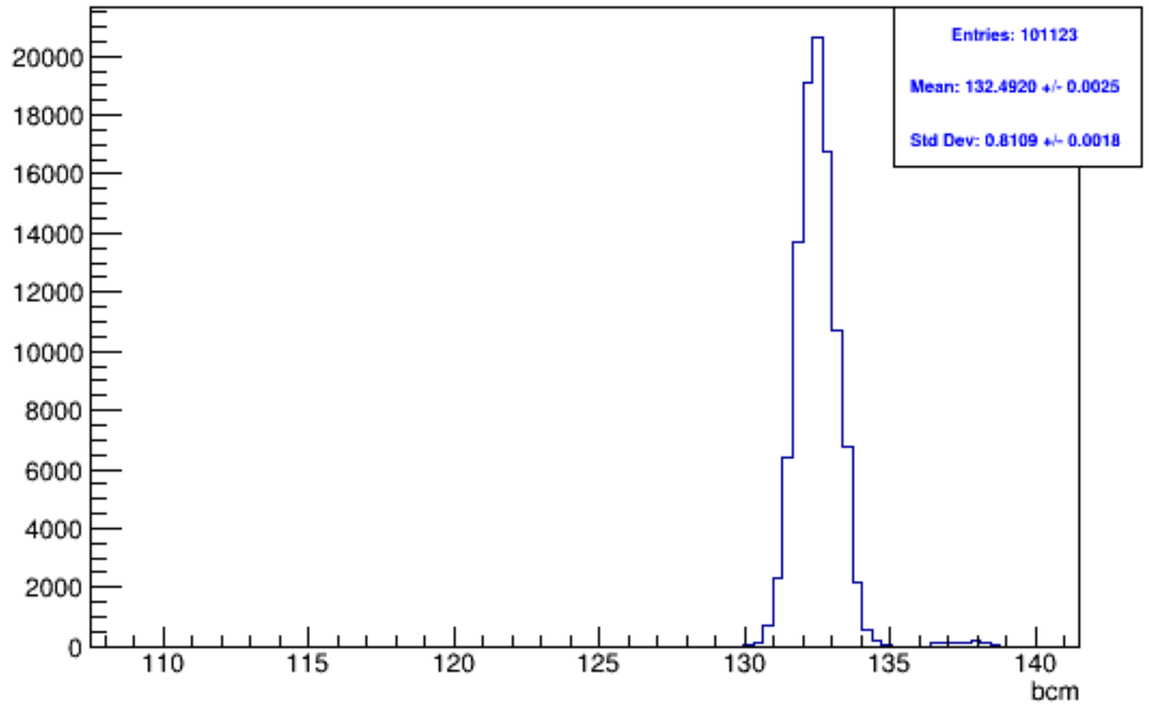
Run 6077 mpswise, BCM: Beam OFF

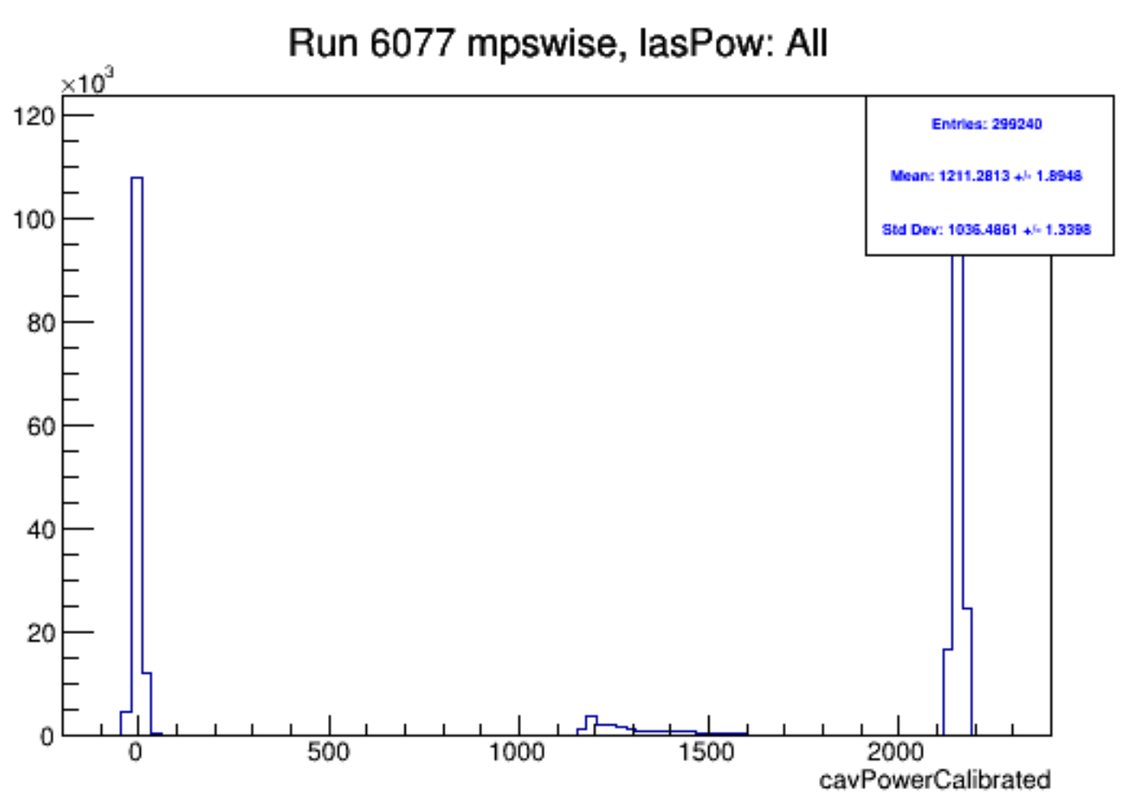


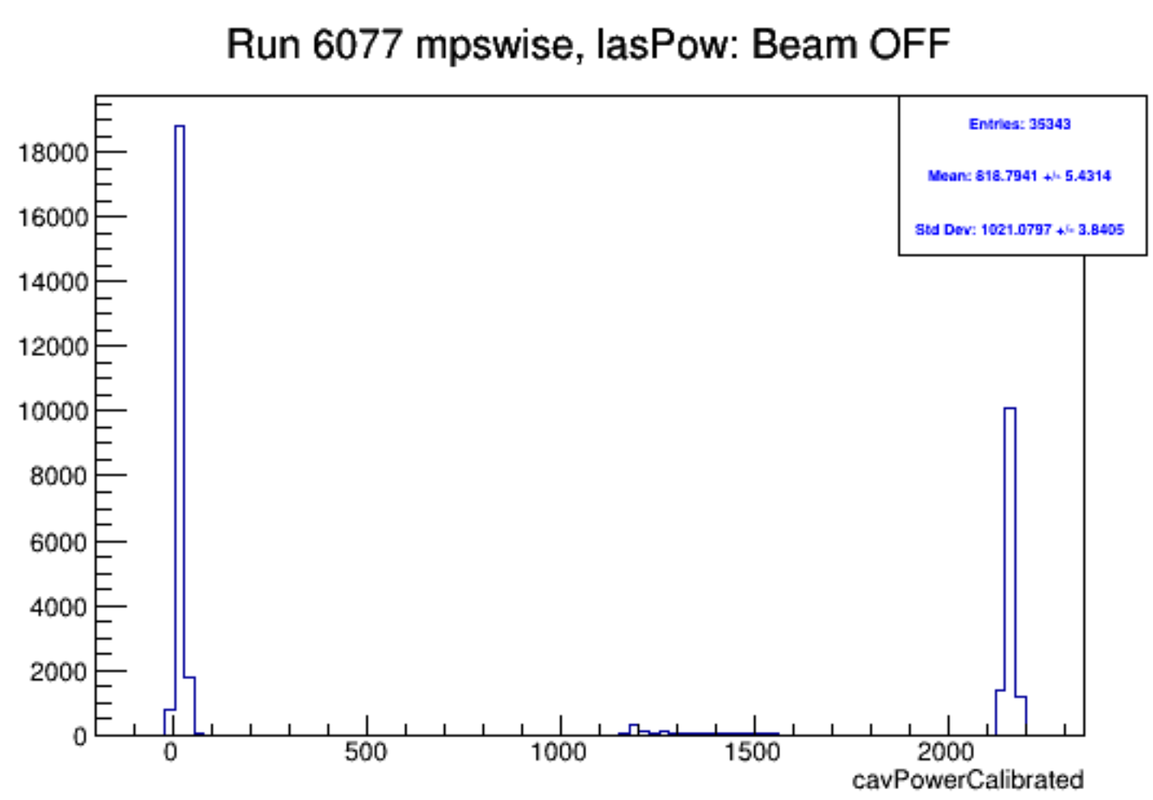
Run 6077, mpswise, BCM: Beam ON, Laser ON

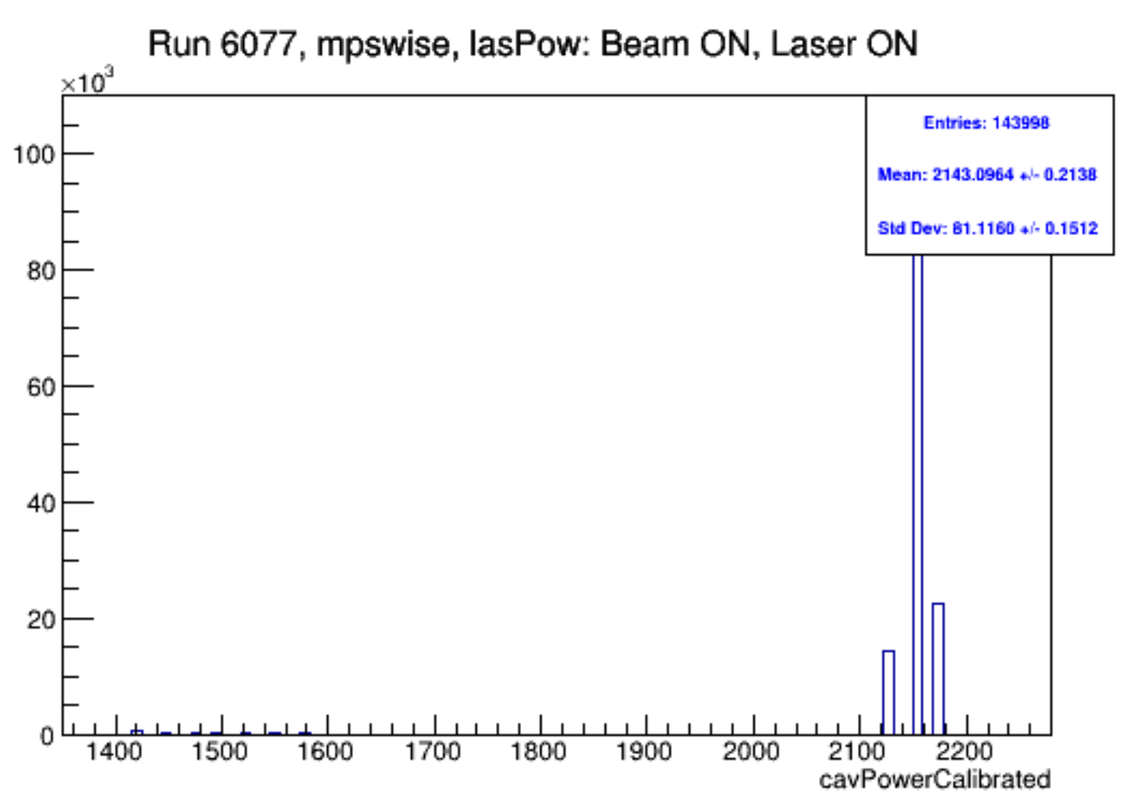


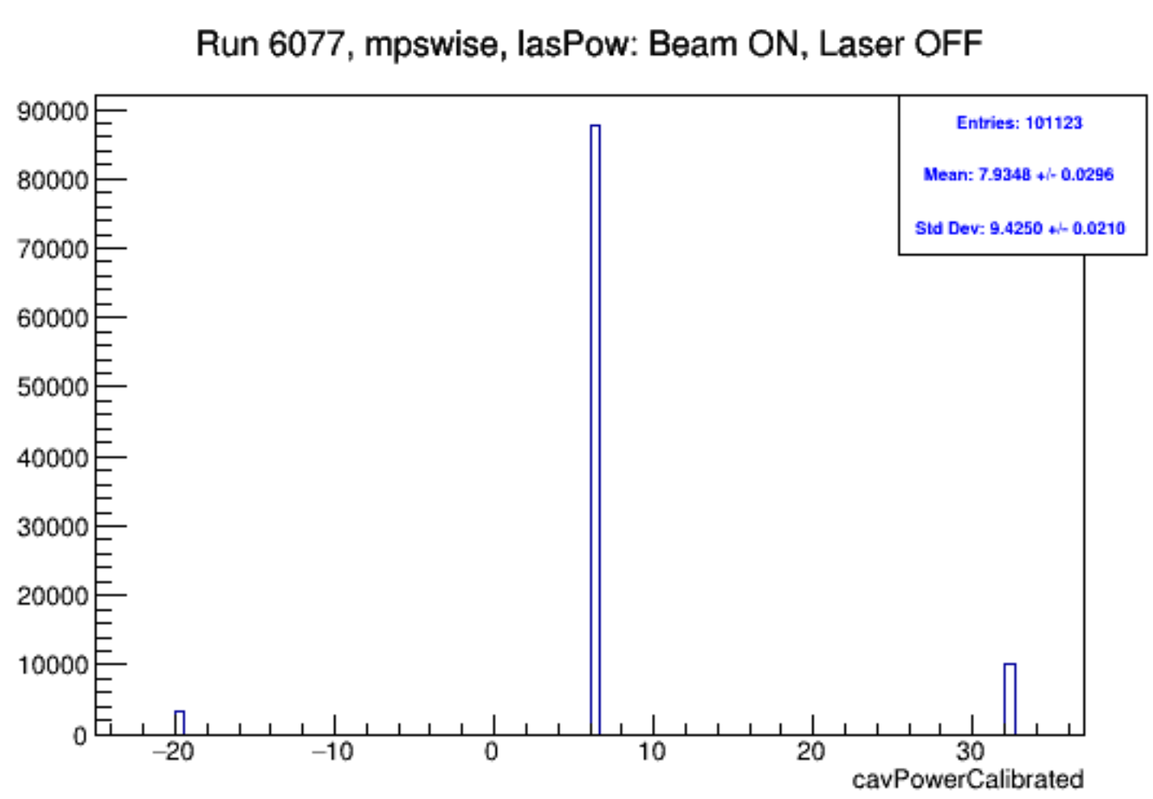
Run 6077, mpswise, BCM: Beam ON, Laser OFF

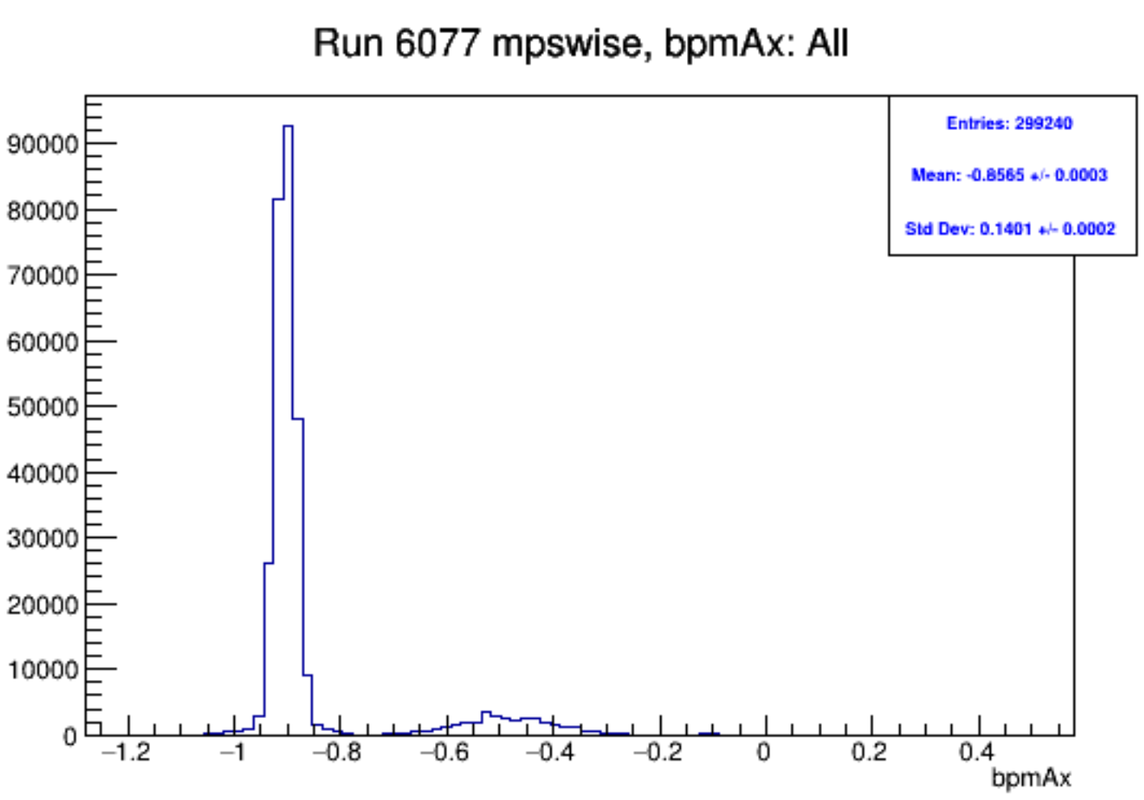


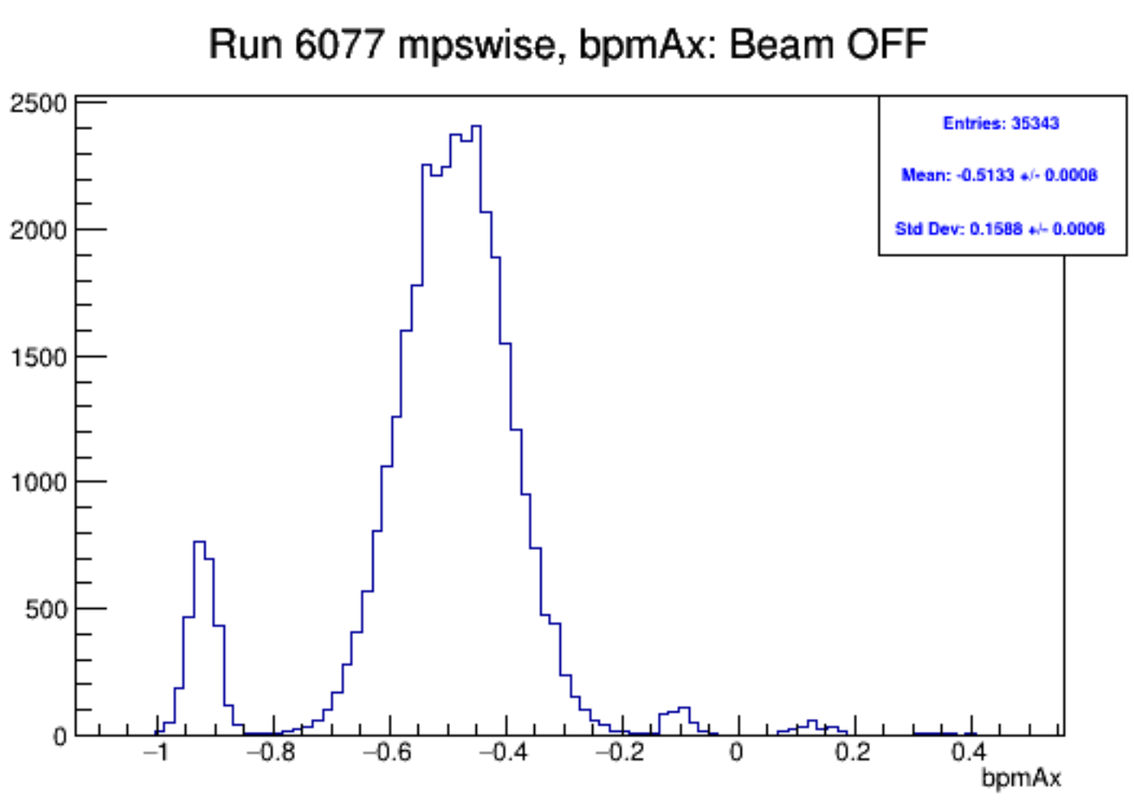

Run 6077 mpswise, lasPow: All
×10^3
Entries: 299240
Mean: 1211.2813 +/- 1.8948
Std Dev: 1036.4861 +/- 1.3398
cavPowerCalibrated

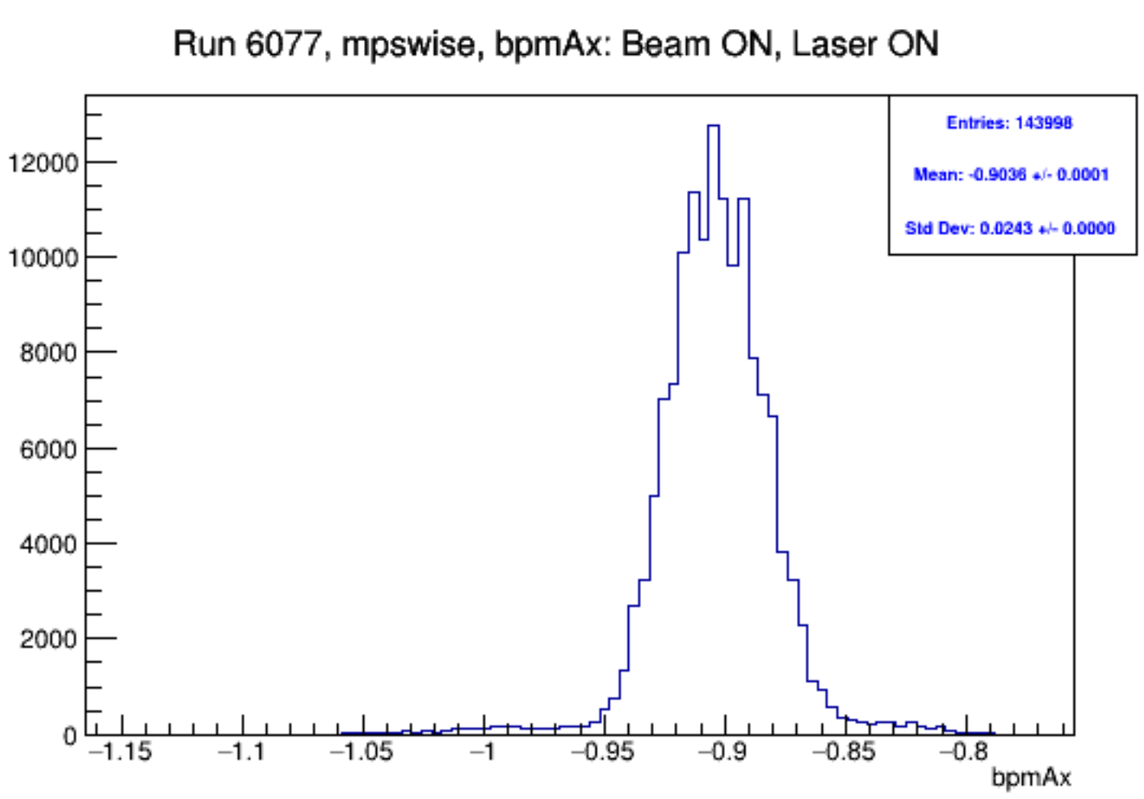

Run 6077 mpswise, lasPow: Beam OFF
Entries: 35343
Mean: 816.7941 +/- 5.4314
Std Dev: 1021.0797 +/- 3.8405
cavPowerCalibrated

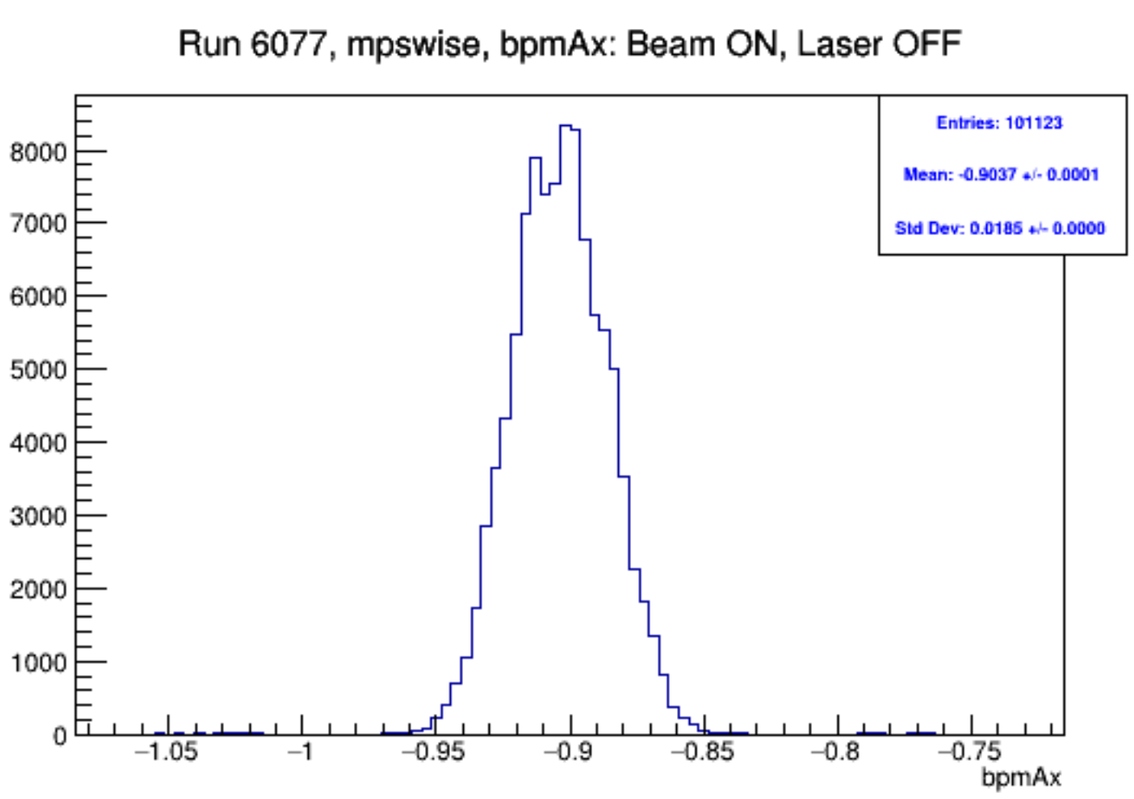

Run 6077, mpswise, lasPow: Beam ON, Laser ON
×10^3
Entries: 143998
Mean: 2143.0964 +/- 0.2138
Std Dev: 81.1160 +/- 0.1512
cavPowerCalibrated

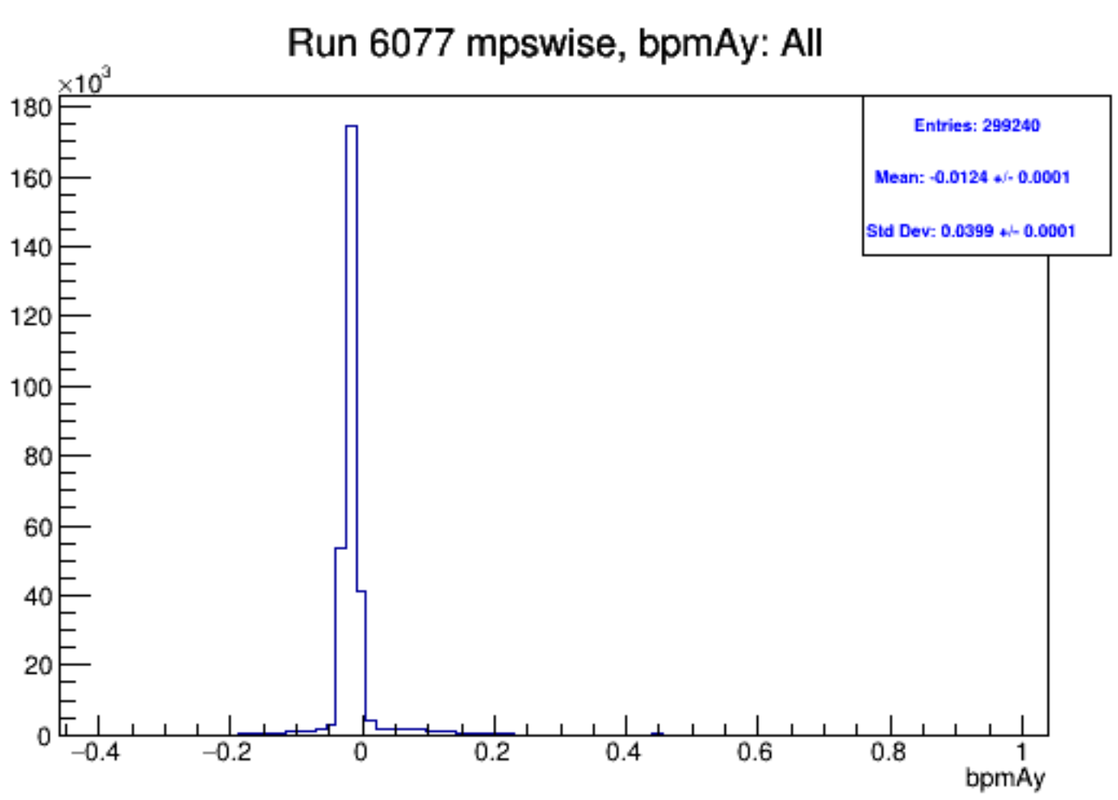

Run 6077, mpswise, lasPow: Beam ON, Laser OFF
Entries: 101123
Mean: 7.9348 +/- 0.0296
Std Dev: 9.4250 +/- 0.0210
cavPowerCalibrated

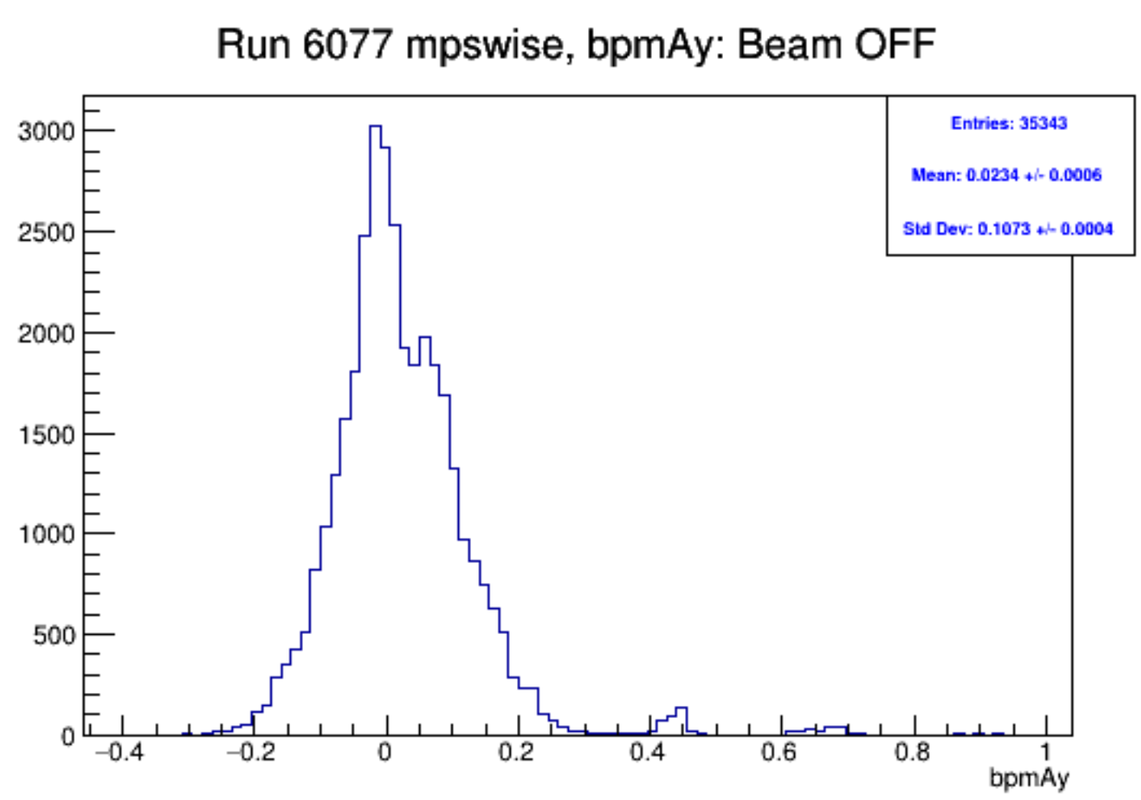

Run 6077 mpswise, bpmAx: All
Entries: 299240
Mean: -0.8565 +/- 0.0003
Std Dev: 0.1401 +/- 0.0002
bpmAx

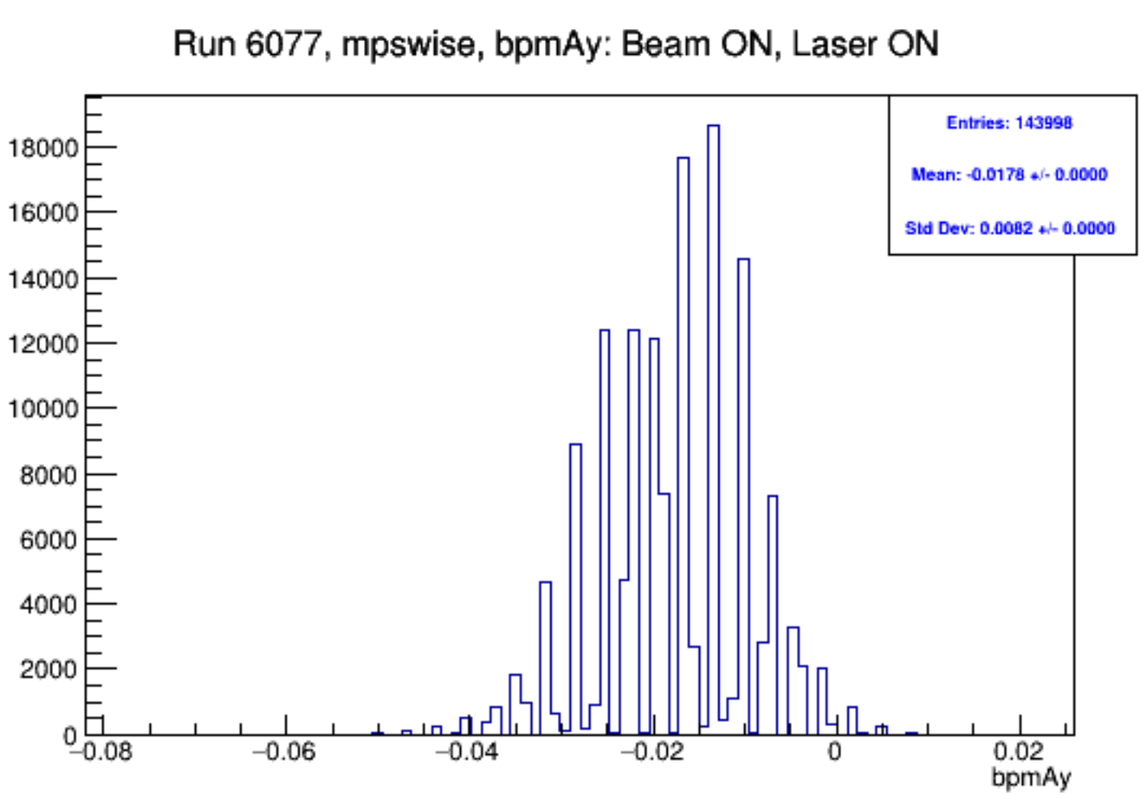

Run 6077 mpswise, bpmAx: Beam OFF
Entries: 35343
Mean: -0.5133 +/- 0.0008
Std Dev: 0.1588 +/- 0.0006
bpmAx

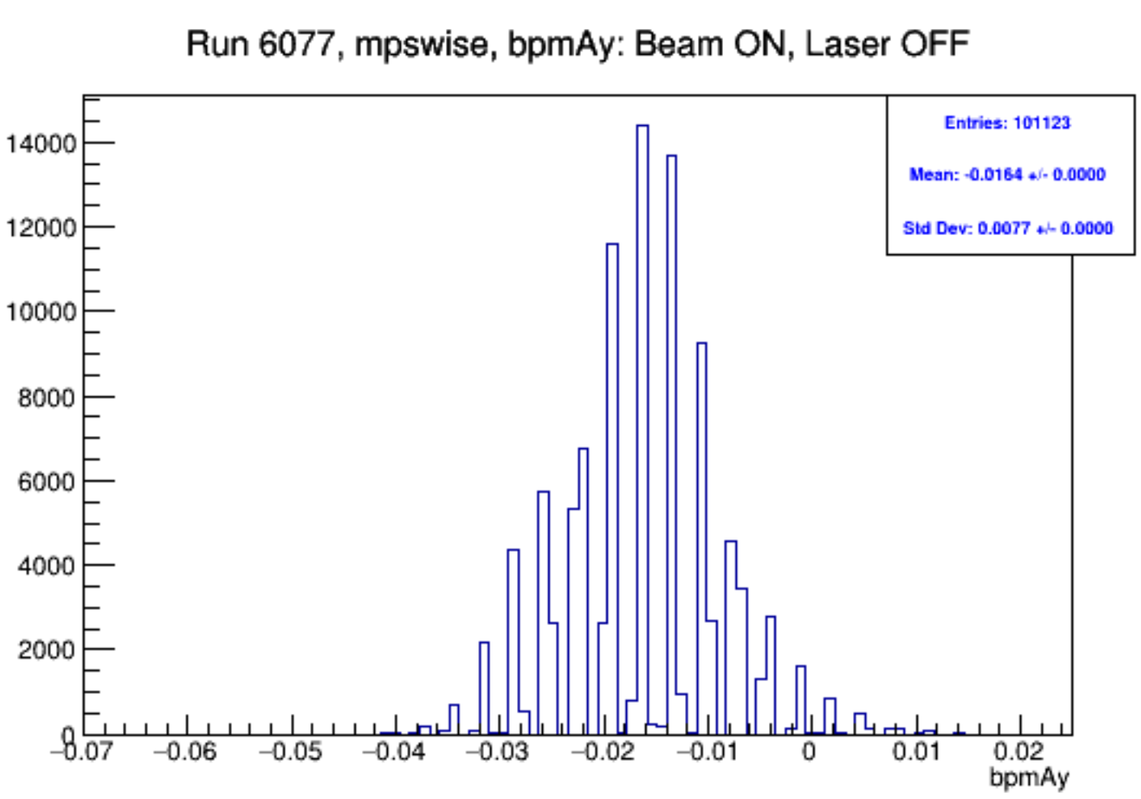

Run 6077, mpswise, bpmAx: Beam ON, Laser ON
Entries: 143998
Mean: -0.9036 +/- 0.0001
Std Dev: 0.0243 +/- 0.0000
bpmAx

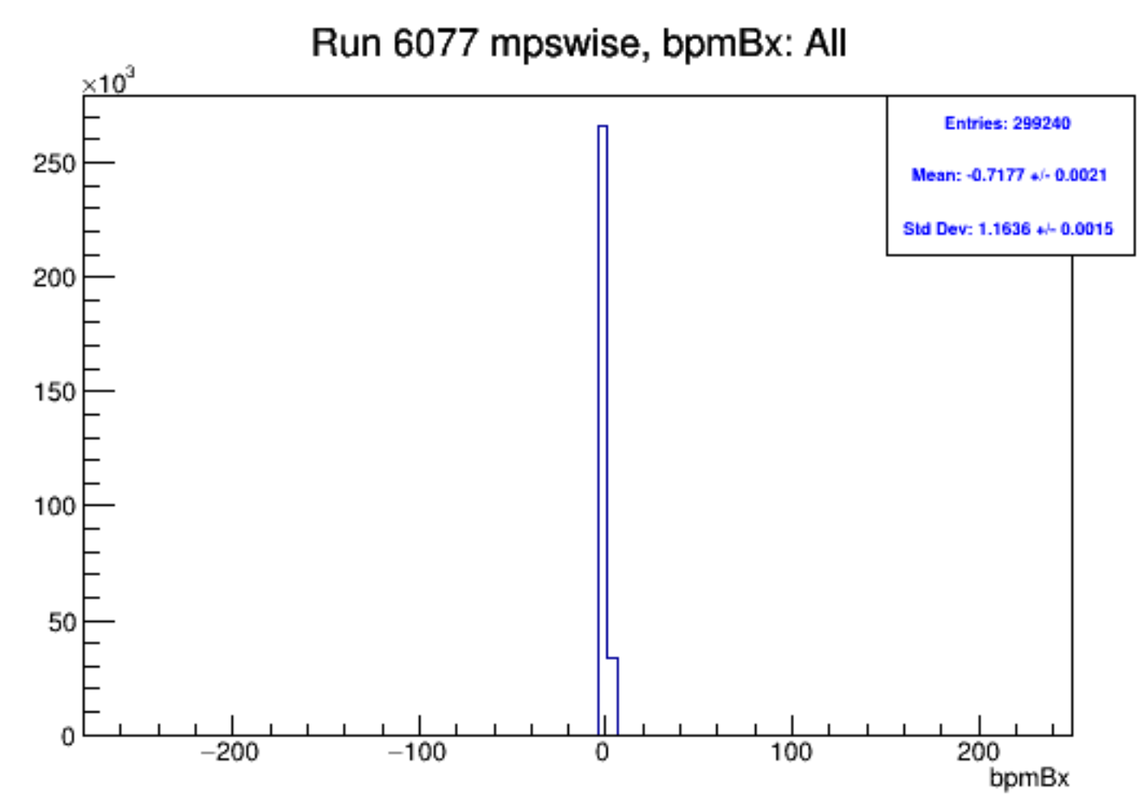

Run 6077, mpswise, bpmAx: Beam ON, Laser OFF
Entries: 101123
Mean: -0.9037 +/- 0.0001
Std Dev: 0.0185 +/- 0.0000
bpmAx

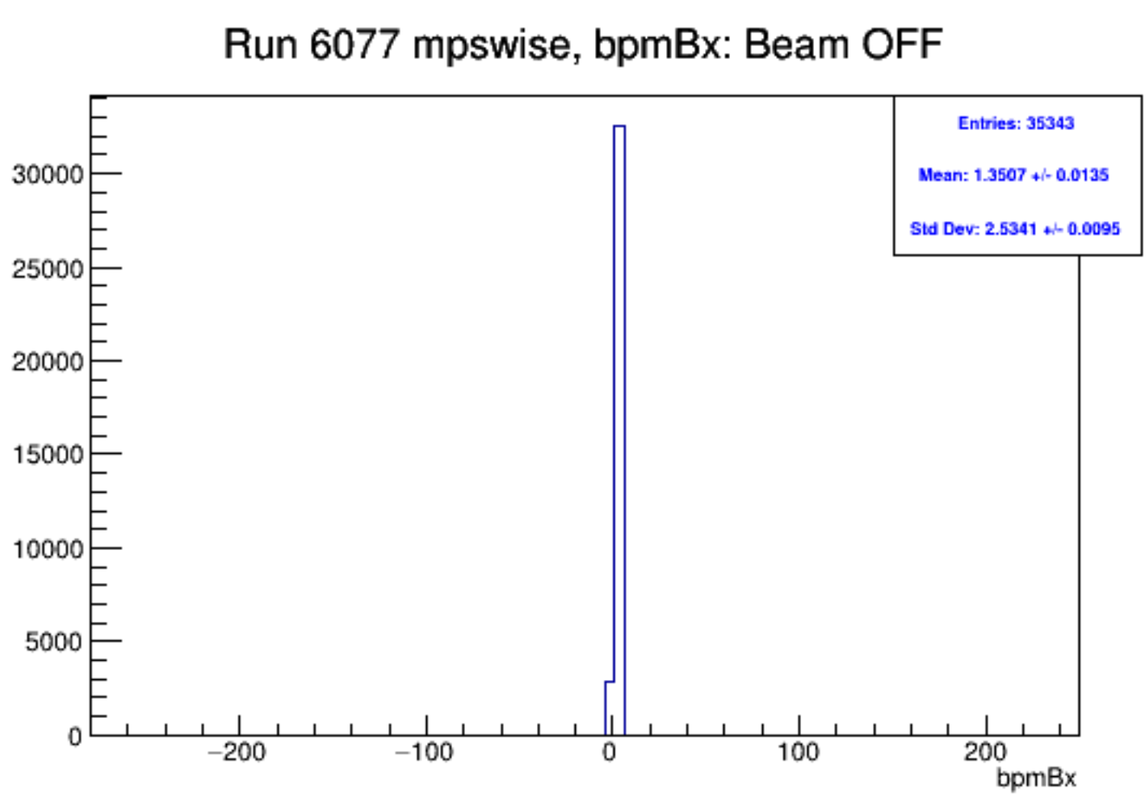

Run 6077 mpswise, bpmAy: All
×10^3
Entries: 299240
Mean: -0.0124 +/- 0.0001
Std Dev: 0.0399 +/- 0.0001
bpmAy

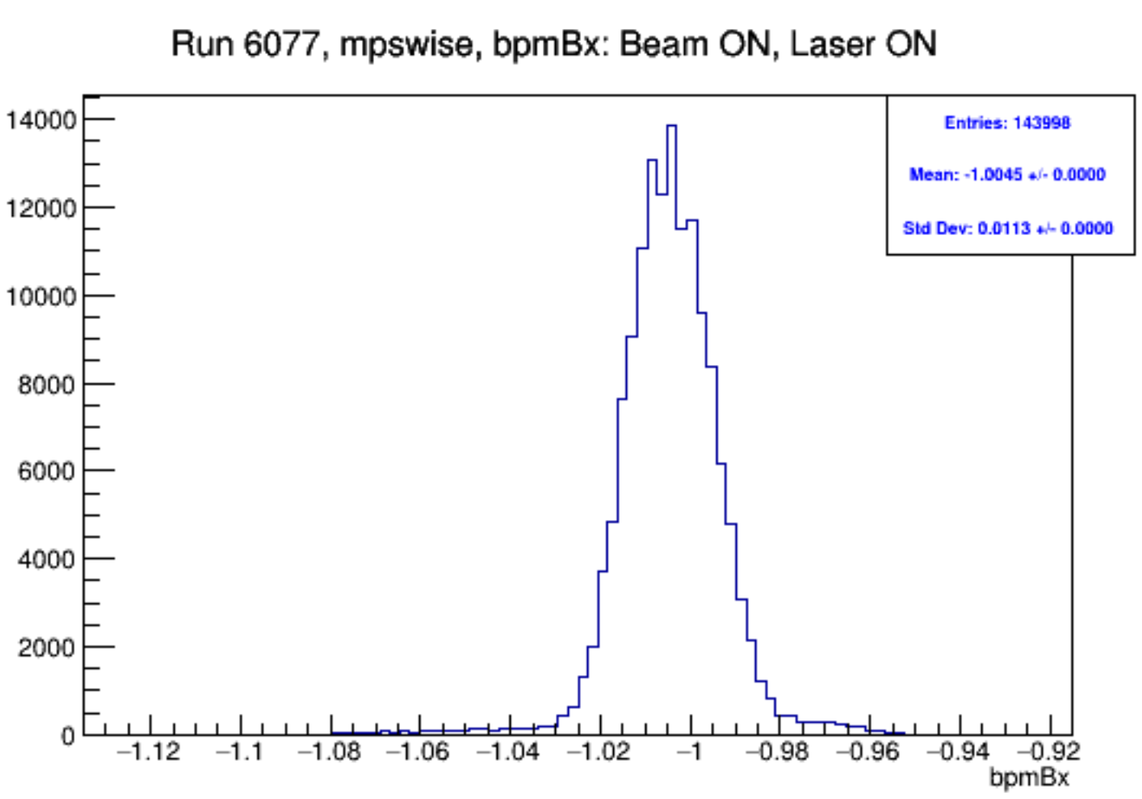

Run 6077 mpswise, bpmAy: Beam OFF
Entries: 35343
Mean: 0.0234 +/- 0.0006
Std Dev: 0.1073 +/- 0.0004
bpmAy

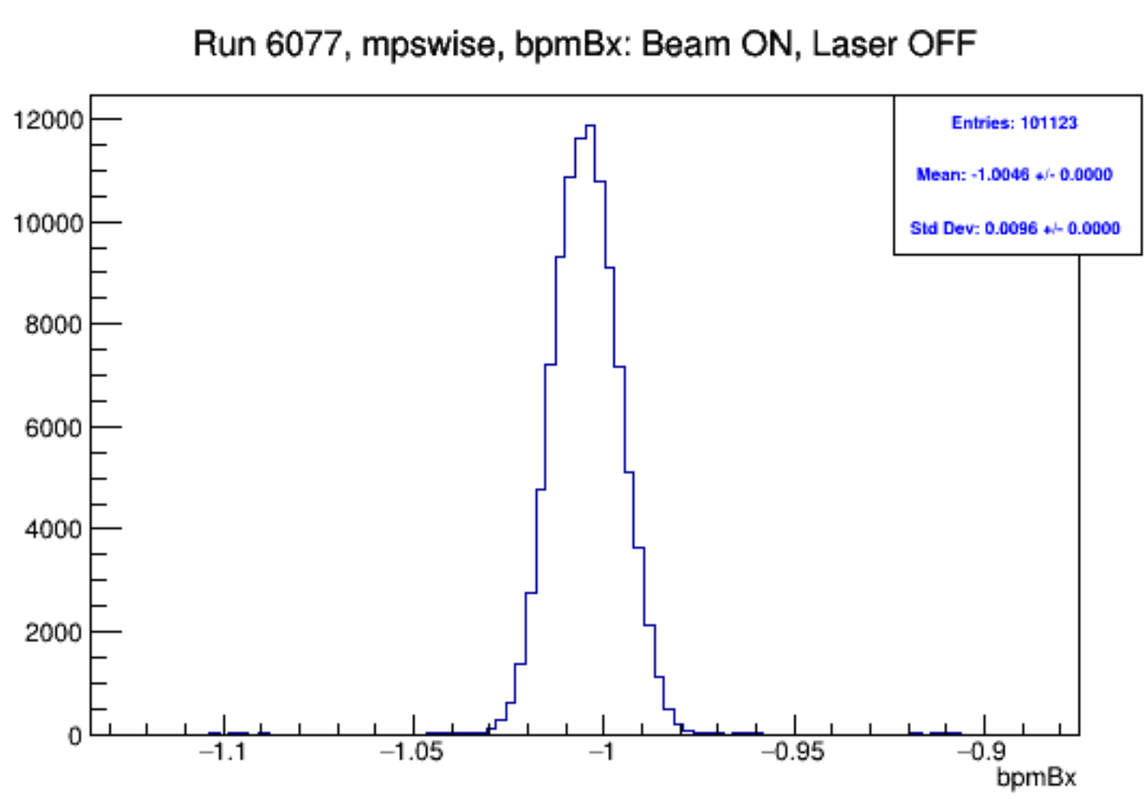

Run 6077, mpswise, bpmAy: Beam ON, Laser ON
Entries: 143998
Mean: -0.0178 +/- 0.0000
Std Dev: 0.0082 +/- 0.0000
bpmAy

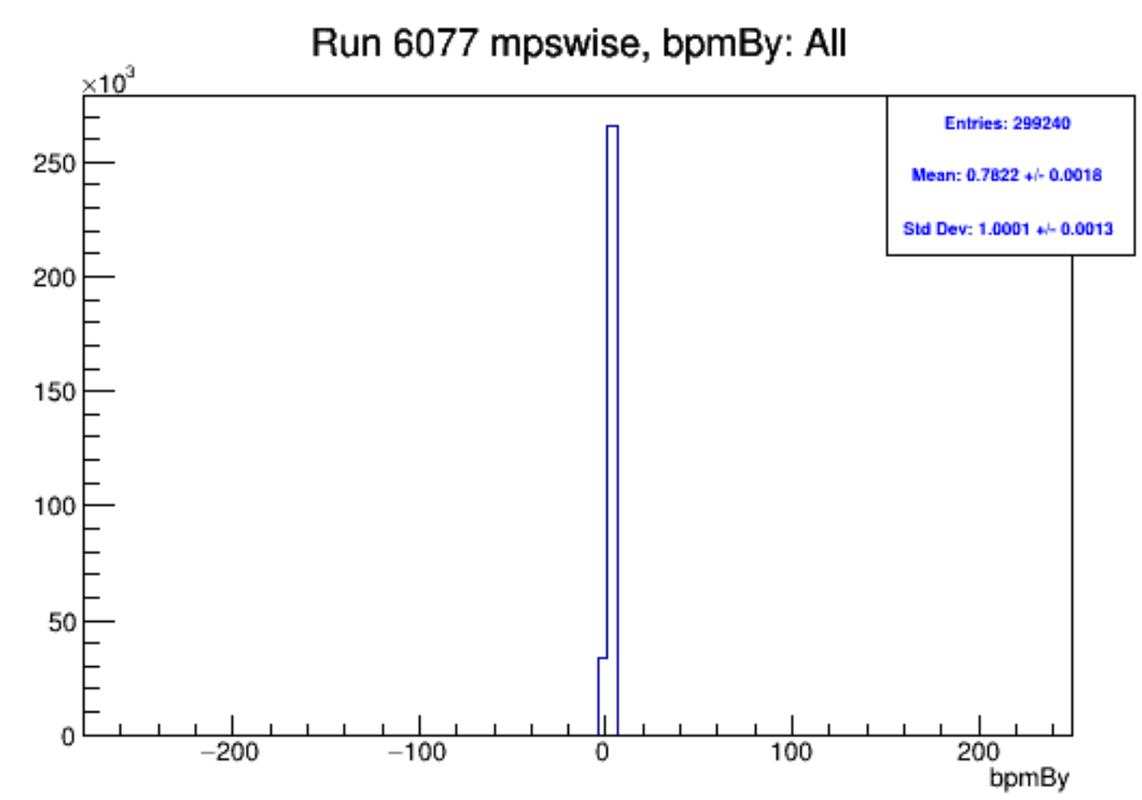

Run 6077, mpswise, bpmAy: Beam ON, Laser OFF
Entries: 101123
Mean: -0.0164 +/- 0.0000
Std Dev: 0.0077 +/- 0.0000
bpmAy

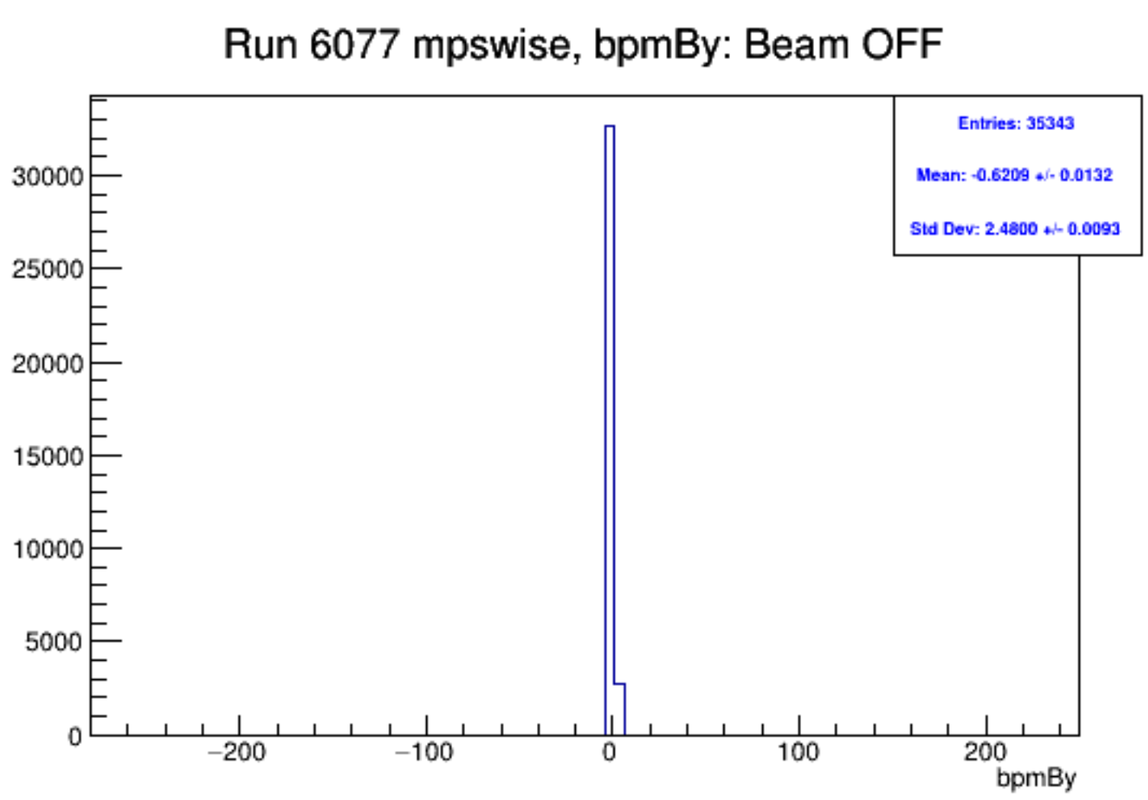

Run 6077 mpswise, bpmBx: All
×10^3
Entries: 299240
Mean: -0.7177 +/- 0.0021
Std Dev: 1.1636 +/- 0.0015
250
200
150
100
50
0
−200
−100
0
100
200
bpmBx

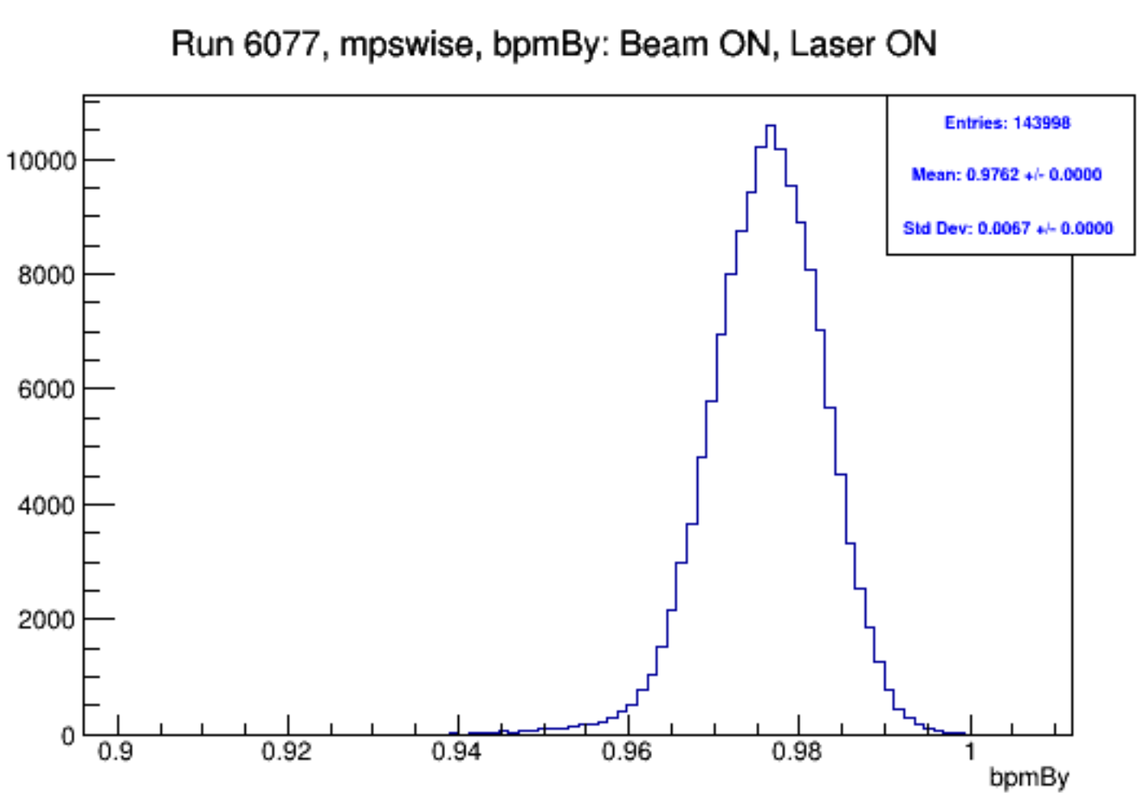

Run 6077 mpswise, bpmBx: Beam OFF
Entries: 35343
Mean: 1.3507 +/- 0.0135
Std Dev: 2.5341 +/- 0.0095
30000
25000
20000
15000
10000
5000
0
−200
−100
0
100
200
bpmBx

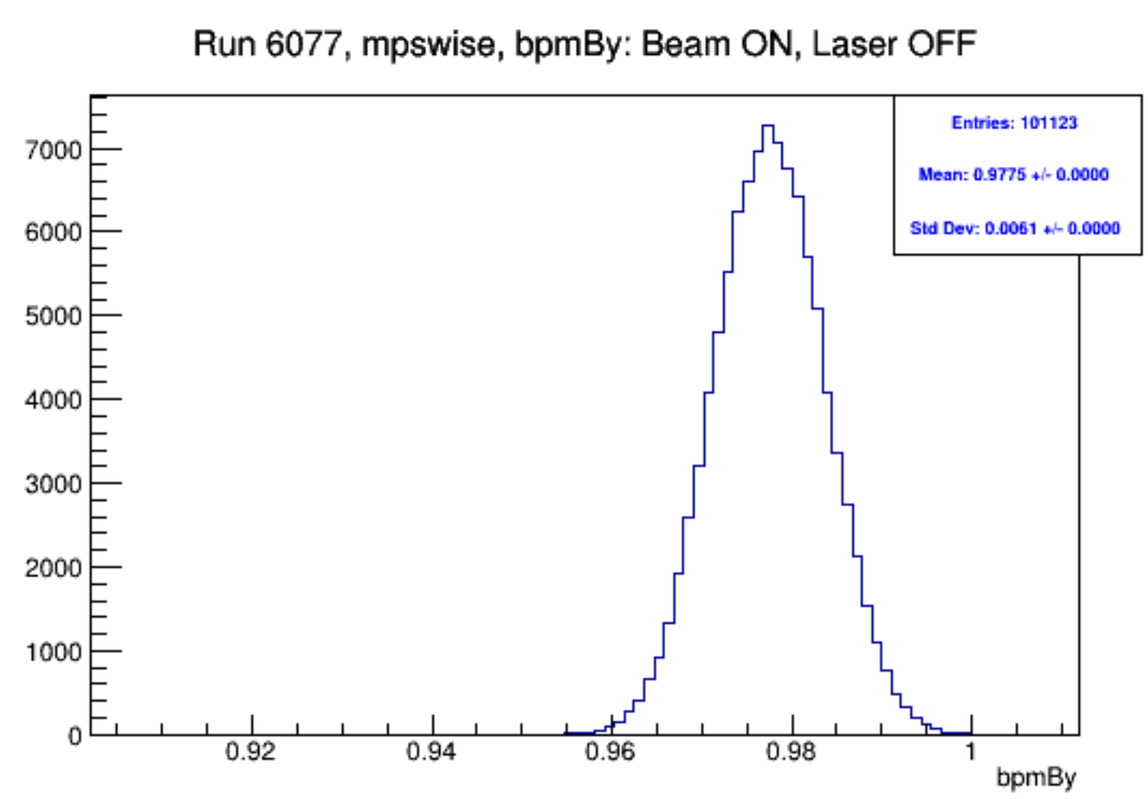

Run 6077, mpswise, bpmBx: Beam ON, Laser ON
Entries: 143998
Mean: -1.0045 +/- 0.0000
Std Dev: 0.0113 +/- 0.0000
14000
12000
10000
8000
6000
4000
2000
0
−1.12
−1.1
−1.08
−1.06
−1.04
−1.02
−1
−0.98
−0.96
−0.94
−0.92
bpmBx

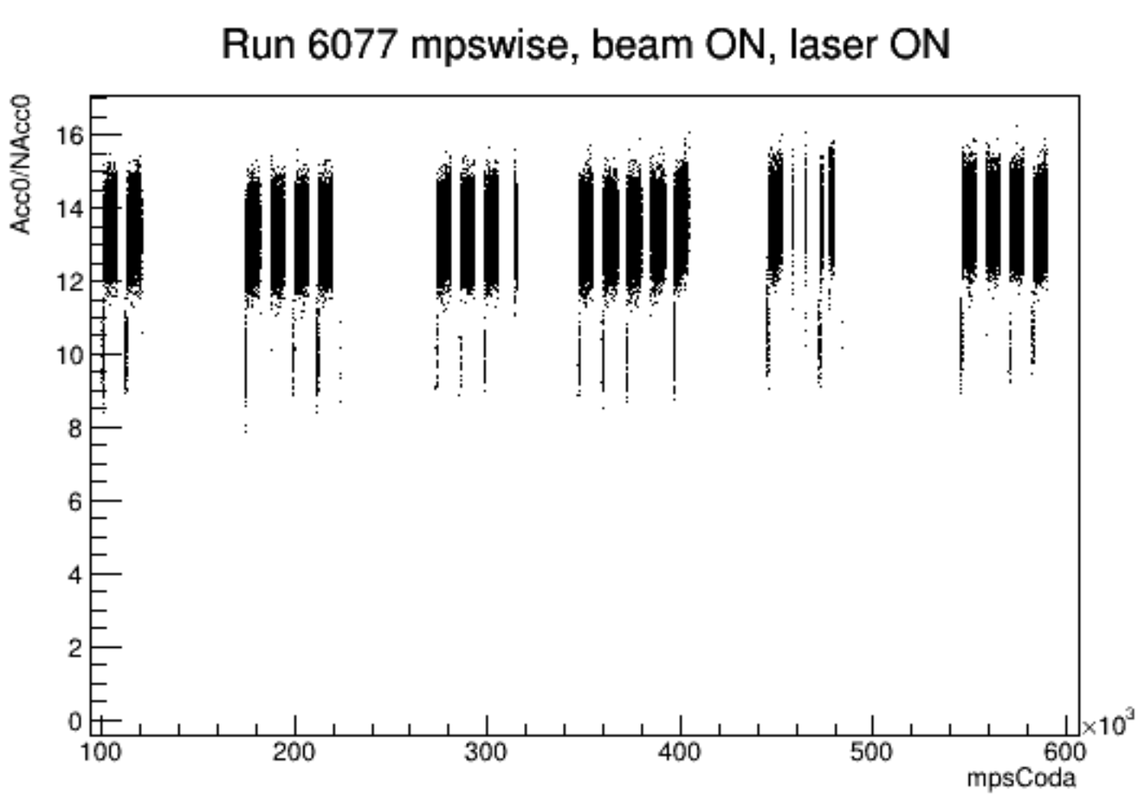

Run 6077, mpswise, bpmBx: Beam ON, Laser OFF
Entries: 101123
Mean: -1.0046 +/- 0.0000
Std Dev: 0.0096 +/- 0.0000
12000
10000
8000
6000
4000
2000
0
−1.1
−1.05
−1
−0.95
−0.9
bpmBx

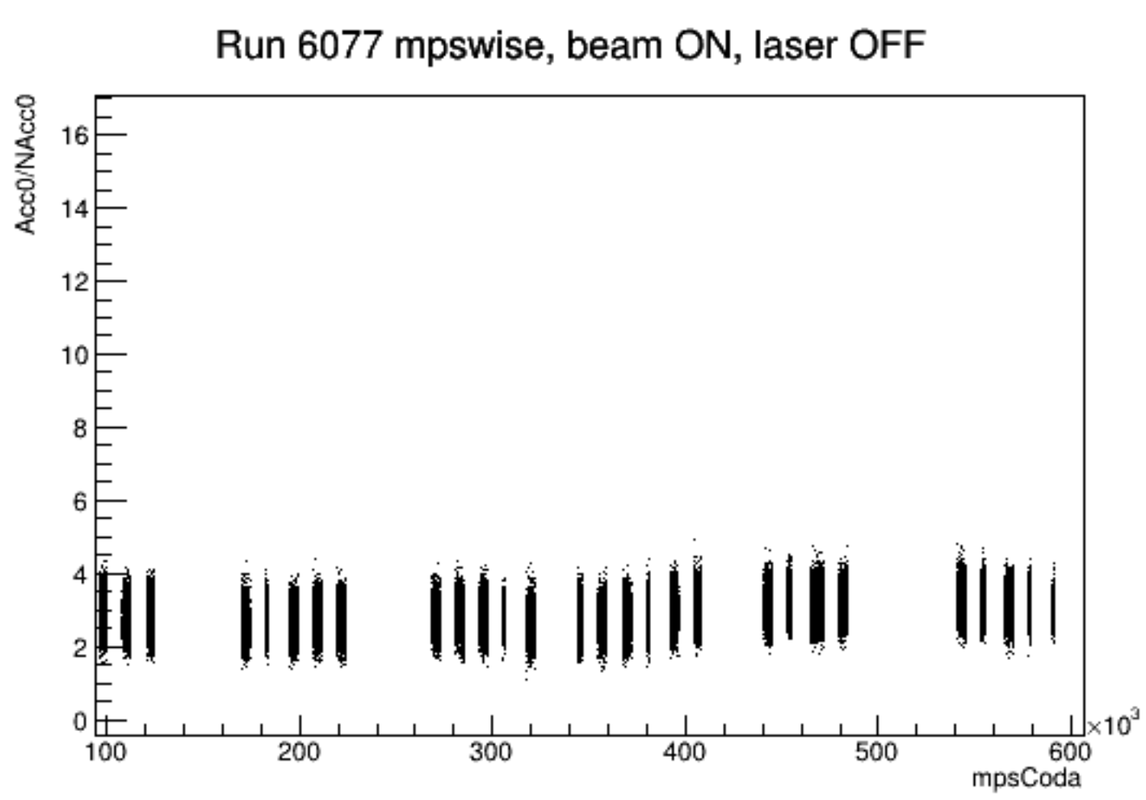

Run 6077 mpswise, bpmBy: All
×10^3
Entries: 299240
Mean: 0.7822 +/- 0.0018
Std Dev: 1.0001 +/- 0.0013
250
200
150
100
50
0
−200
−100
0
100
200
bpmBy

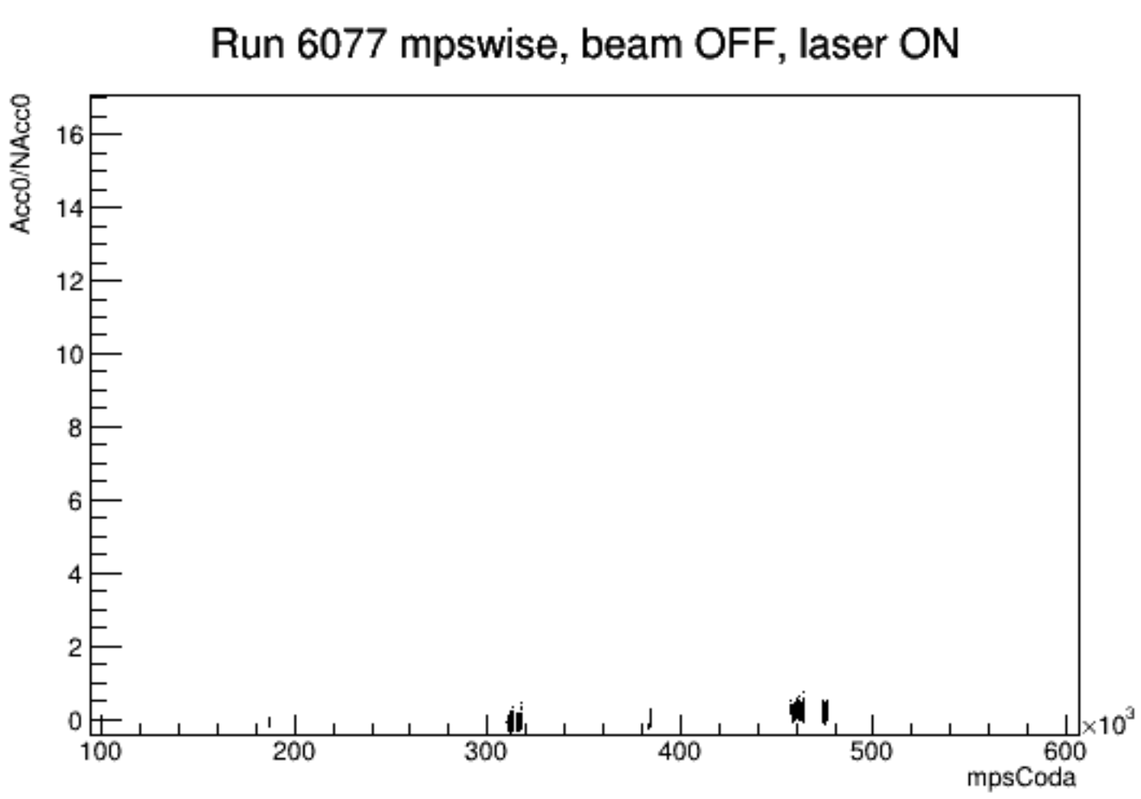

Run 6077 mpswise, bpmBy: Beam OFF
Entries: 35343
Mean: -0.6209 +/- 0.0132
Std Dev: 2.4800 +/- 0.0093
30000
25000
20000
15000
10000
5000
0
−200
−100
0
100
200
bpmBy

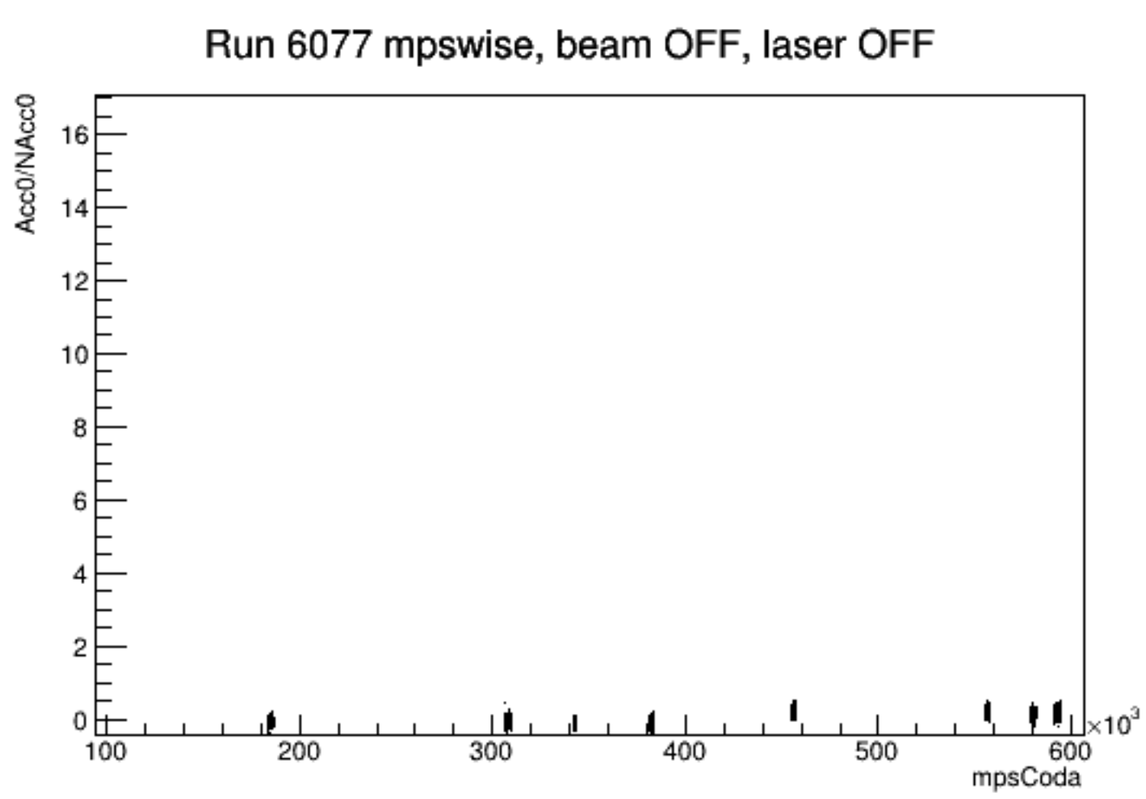

Run 6077, mpswise, bpmBy: Beam ON, Laser ON
Entries: 143998
Mean: 0.9762 +/- 0.0000
Std Dev: 0.0067 +/- 0.0000
10000
8000
6000
4000
2000
0
0.9
0.92
0.94
0.96
0.98
1
bpmBy

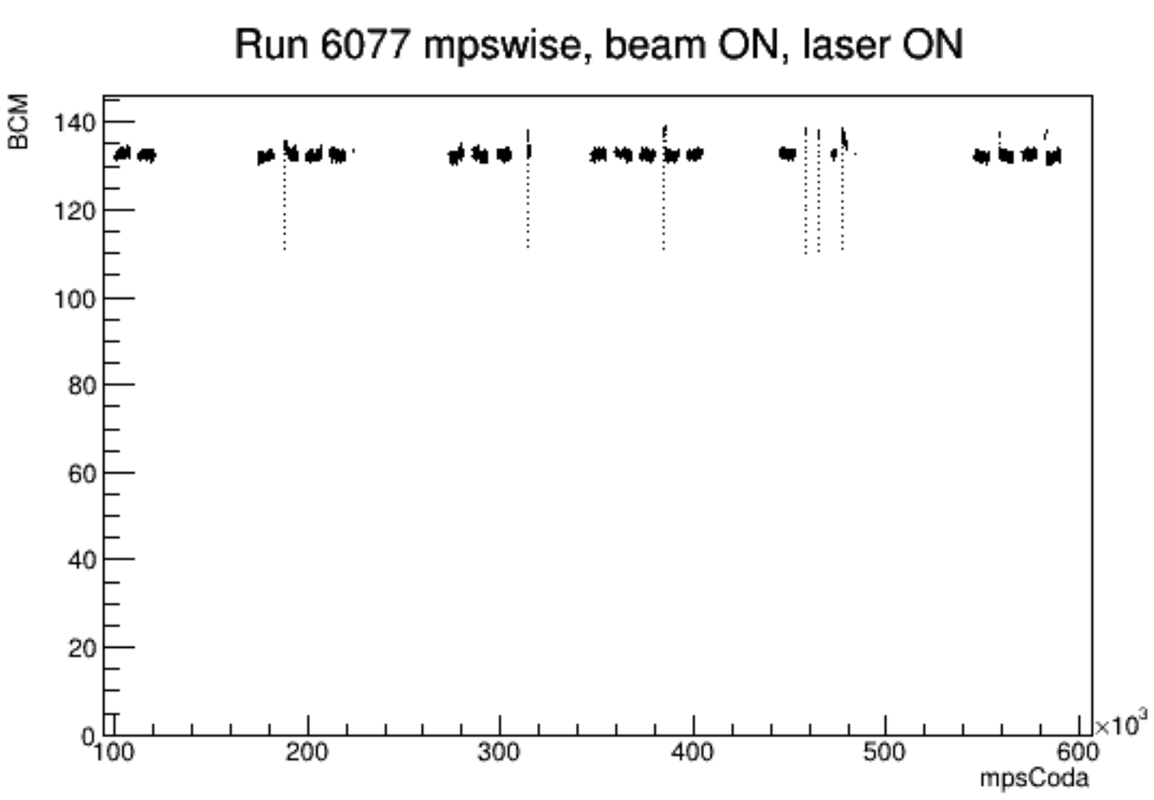

Run 6077, mpswise, bpmBy: Beam ON, Laser OFF
Entries: 101123
Mean: 0.9775 +/- 0.0000
Std Dev: 0.0061 +/- 0.0000
7000
6000
5000
4000
3000
2000
1000
0
0.92
0.94
0.96
0.98
1
bpmBy

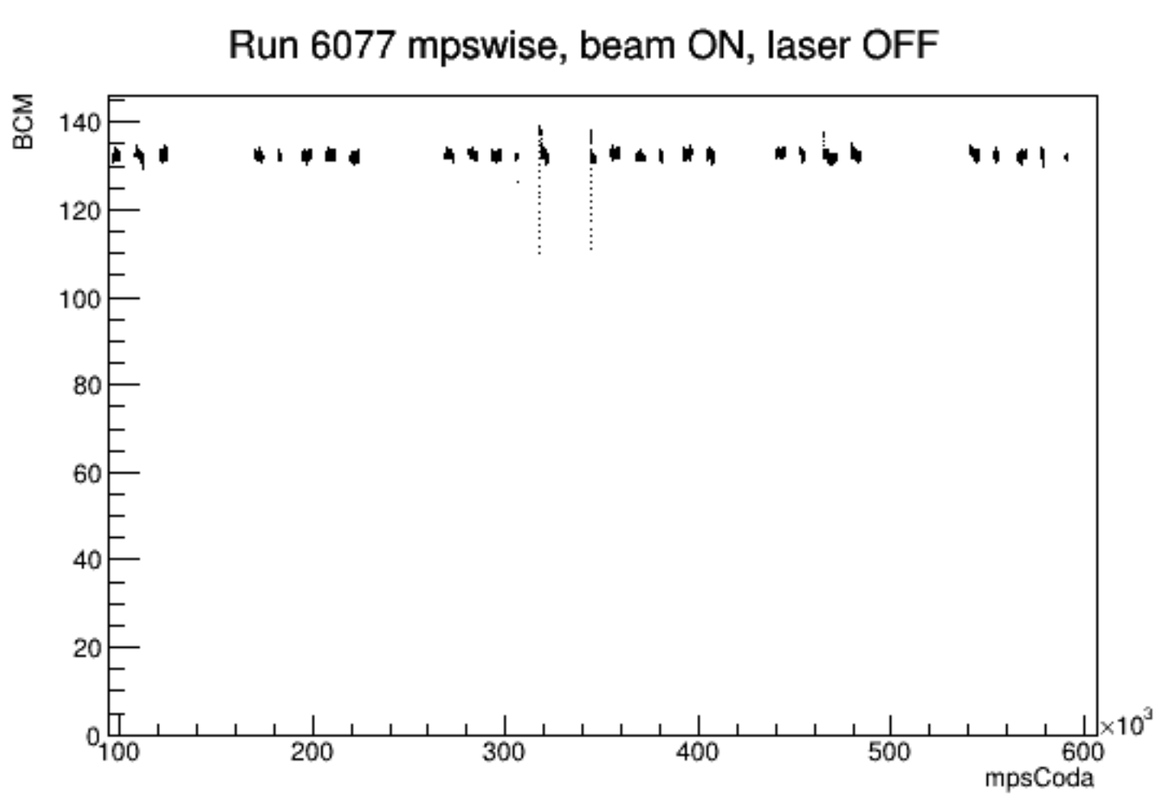

Run 6077 mpswise, beam ON, laser ON
Acc0/NAcc0
mpsCoda
×10^3

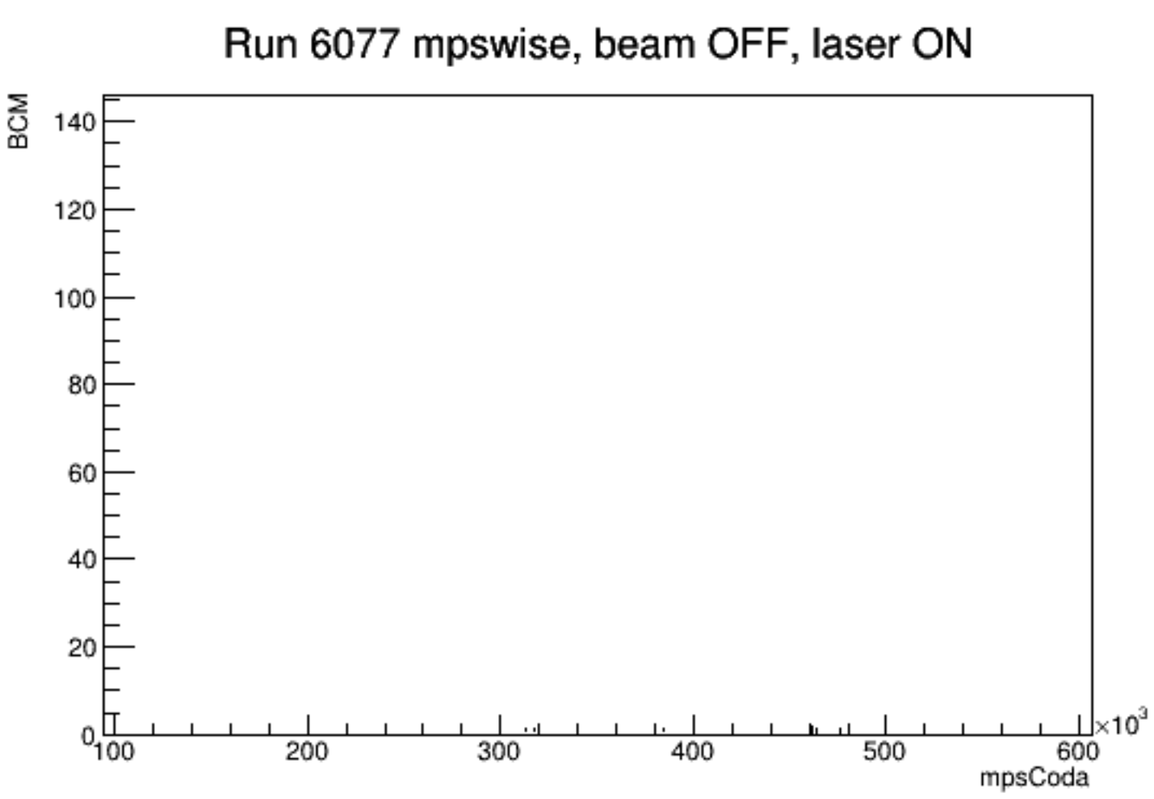

Run 6077 mpswise, beam ON, laser OFF
Acc0/NAcc0
mpsCoda
×10^3

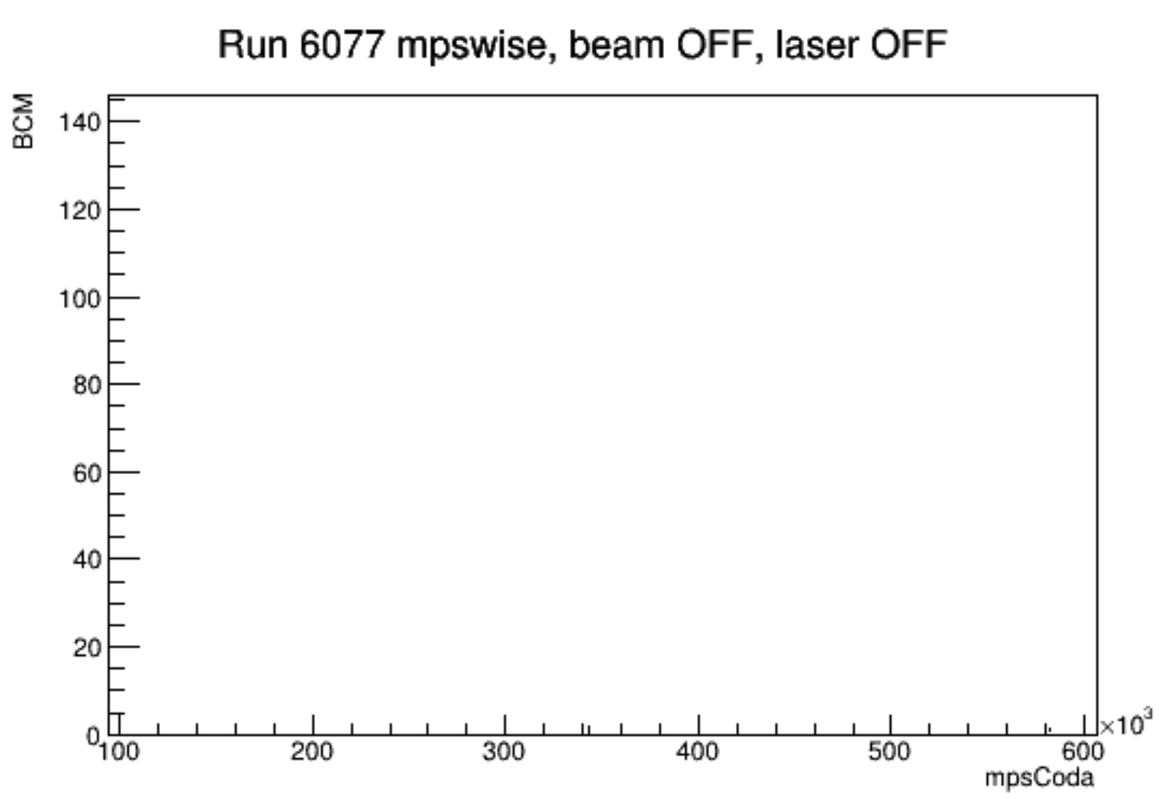

Run 6077 mpswise, beam OFF, laser ON
Acc0/NAcc0
mpsCoda
×10^3

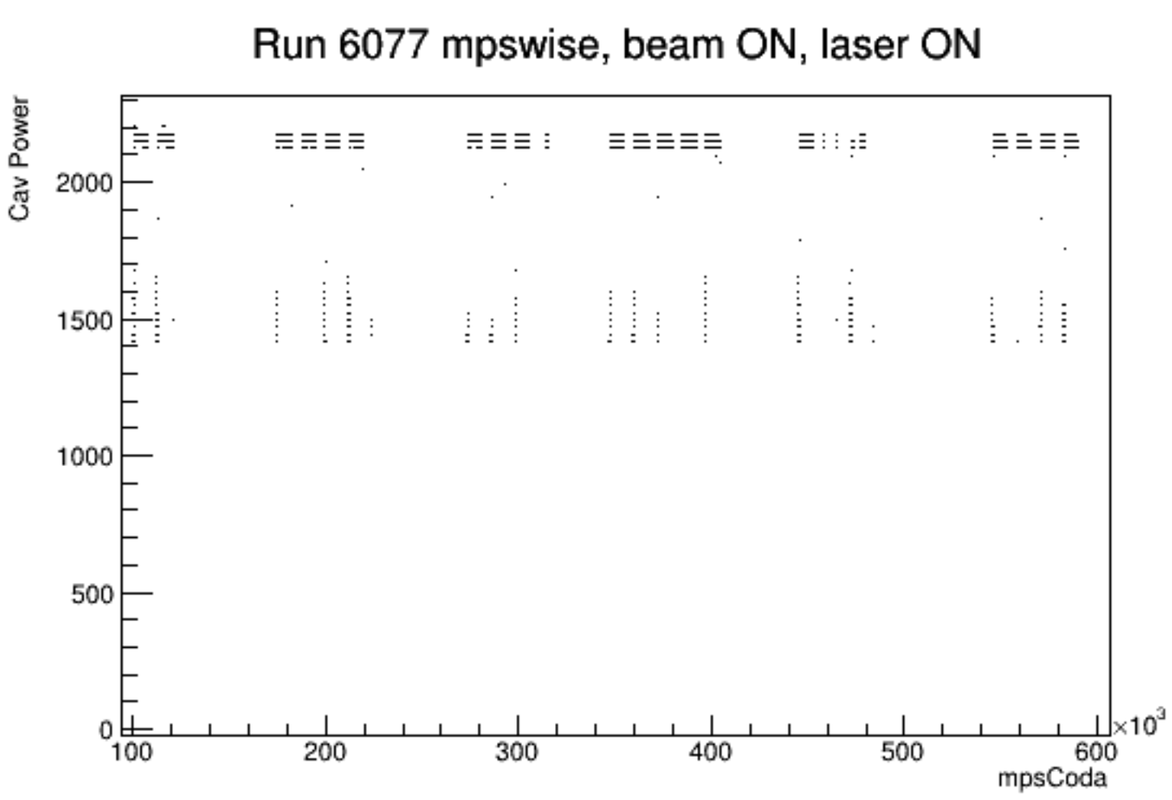

Run 6077 mpswise, beam OFF, laser OFF
Acc0/NAcc0
mpsCoda
×10^3

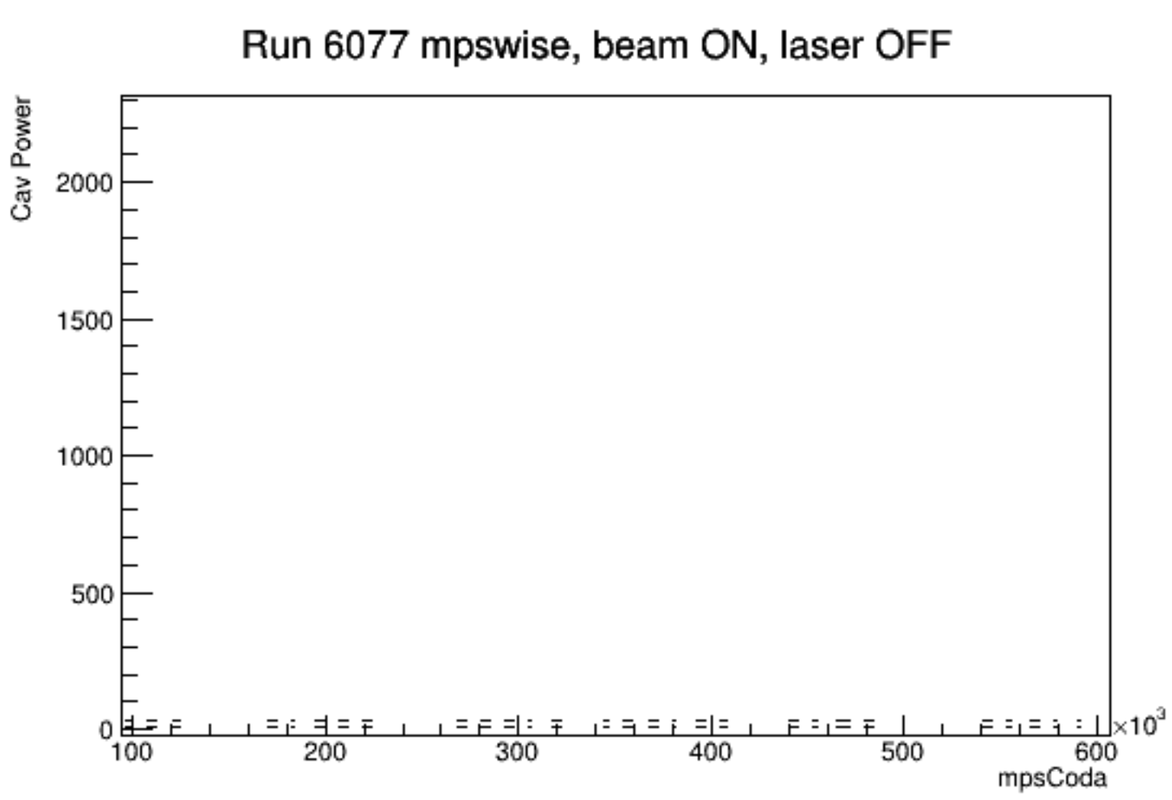

Run 6077 mpswise, beam ON, laser ON
BCM
mpsCoda
×10^3

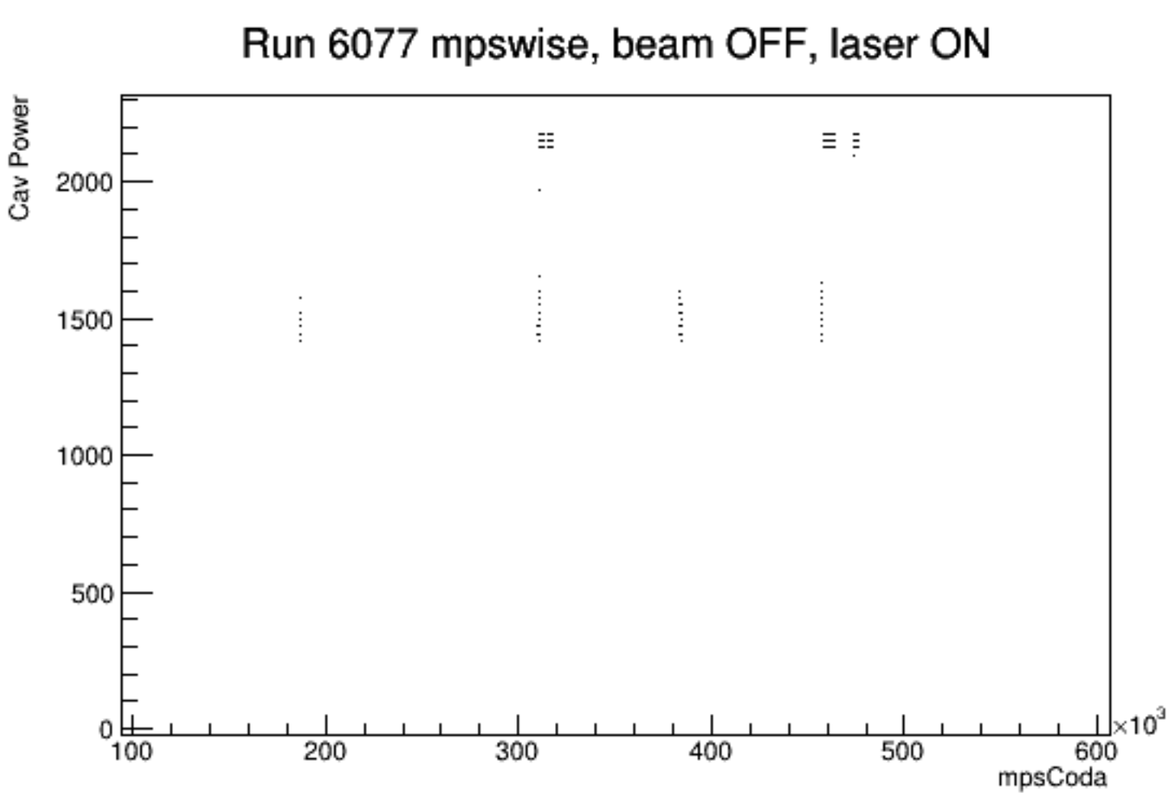

Run 6077 mpswise, beam ON, laser OFF
BCM
mpsCoda
×10^3

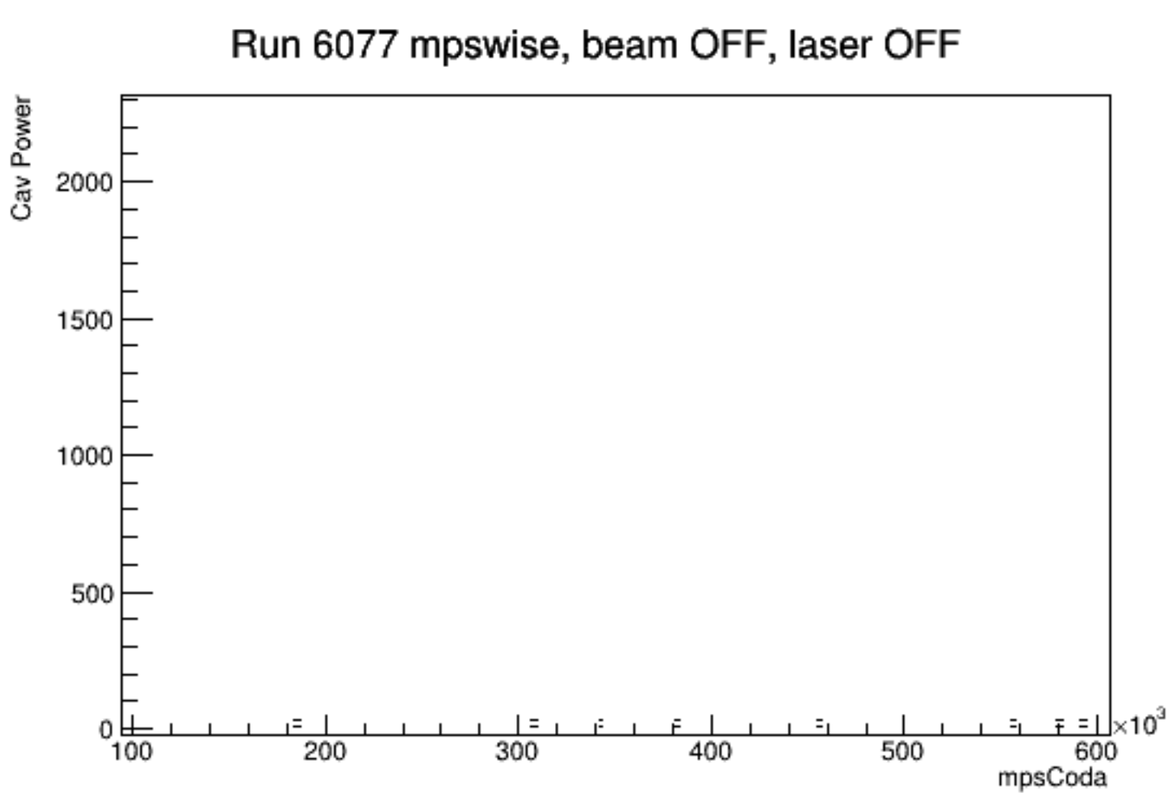

Run 6077 mpswise, beam OFF, laser ON
BCM
mpsCoda
×10^3


Run 6077 mpswise, beam OFF, laser OFF
BCM
mpsCoda
×10^3

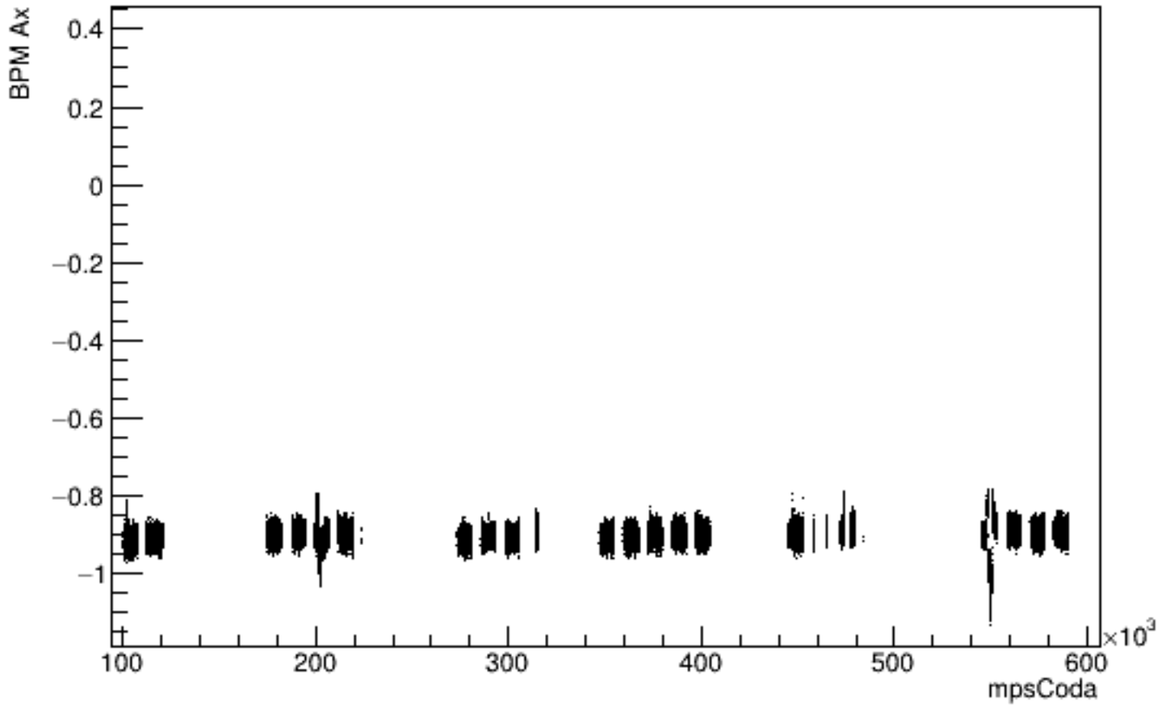

Run 6077 mpswise, beam ON, laser ON
Cav Power
2000
1500
1000
500
0
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam ON, laser OFF
Cav Power
2000
1500
1000
500
0
100
200
300
400
500
600
×10^3
mpsCoda

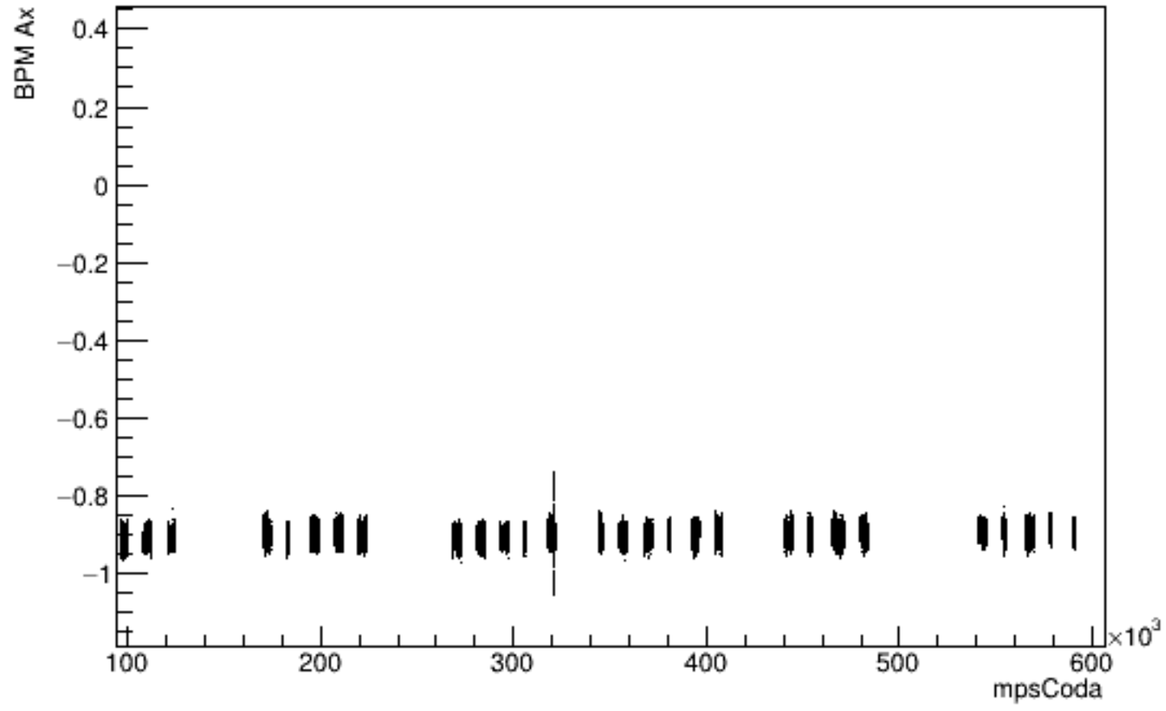

Run 6077 mpswise, beam OFF, laser ON
Cav Power
2000
1500
1000
500
0
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam OFF, laser OFF
Cav Power
2000
1500
1000
500
0
100
200
300
400
500
600
×10^3
mpsCoda

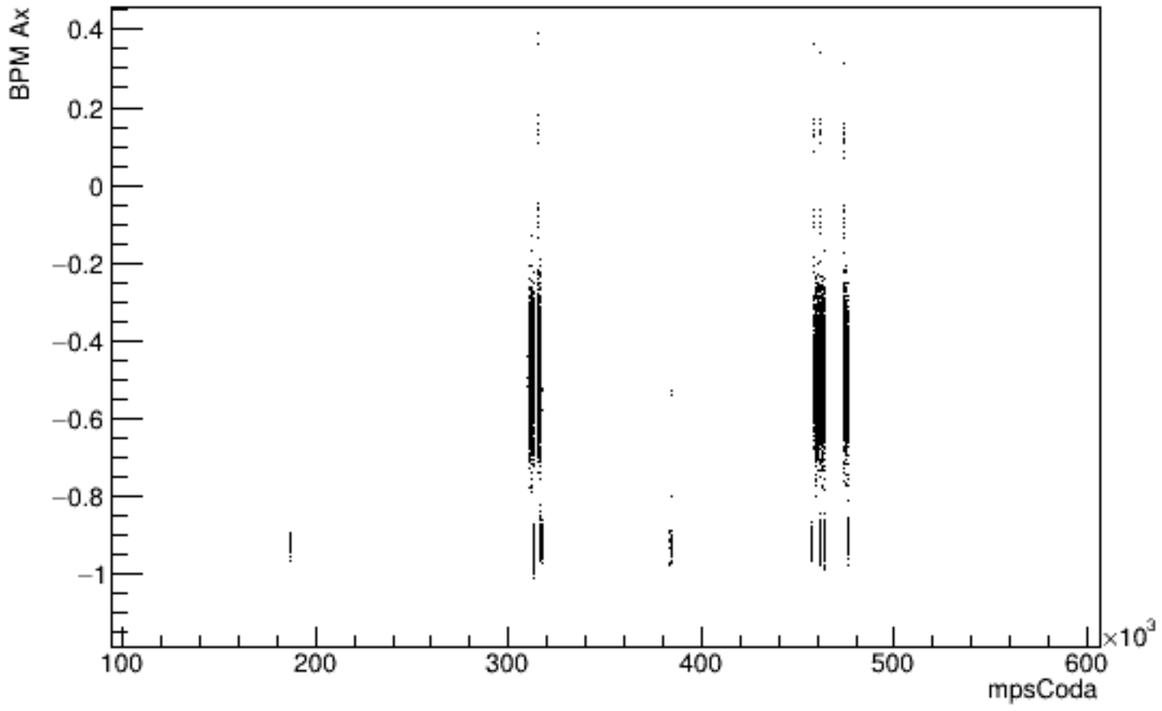
Run 6077 mpswise, beam ON, laser ON



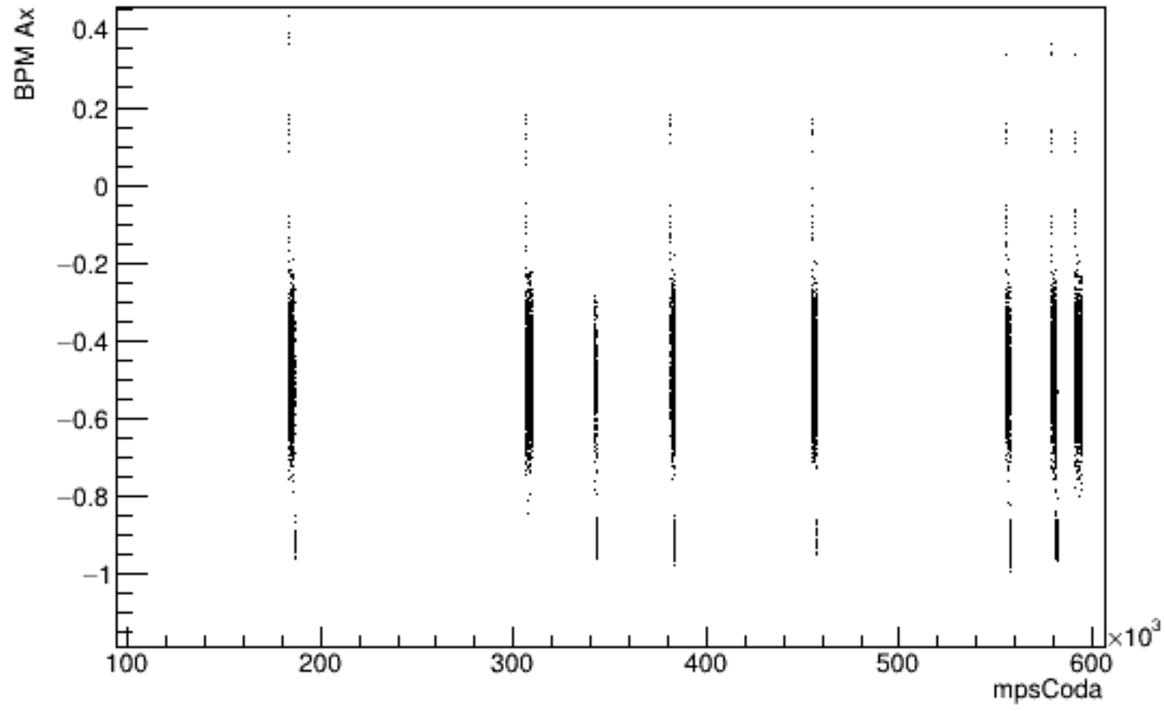
Run 6077 mpswise, beam ON, laser OFF

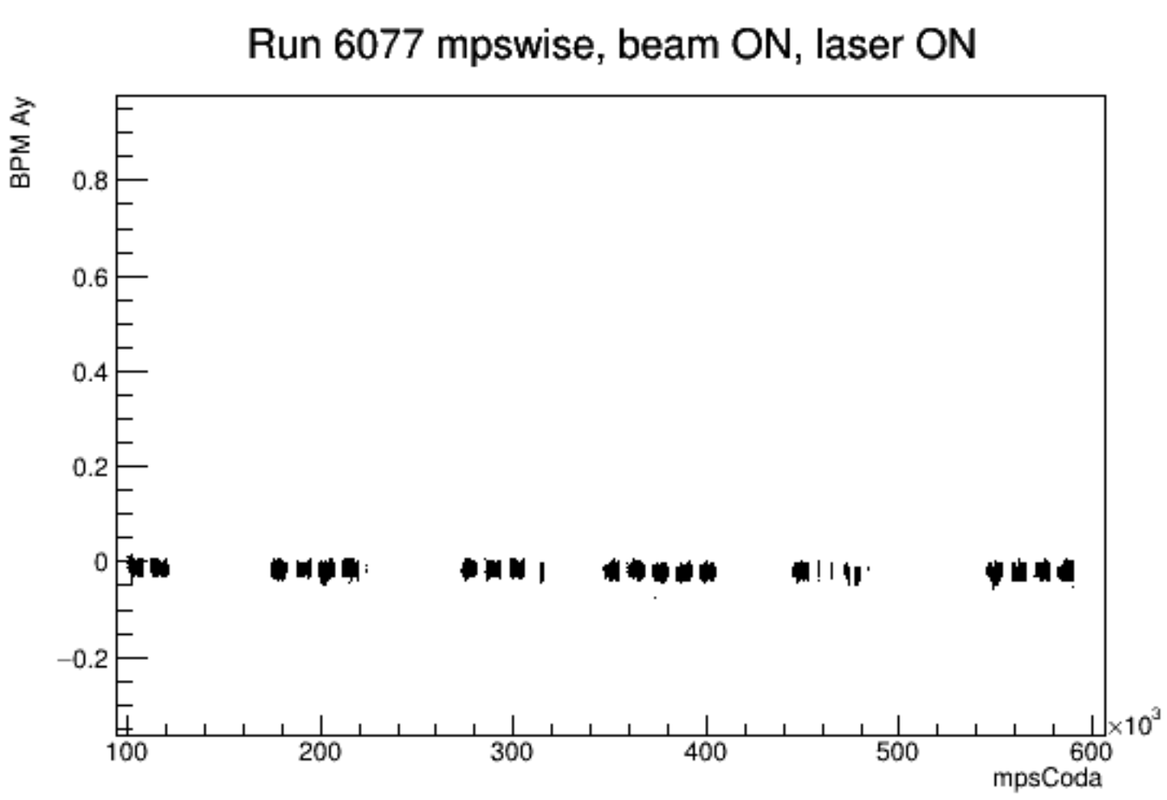


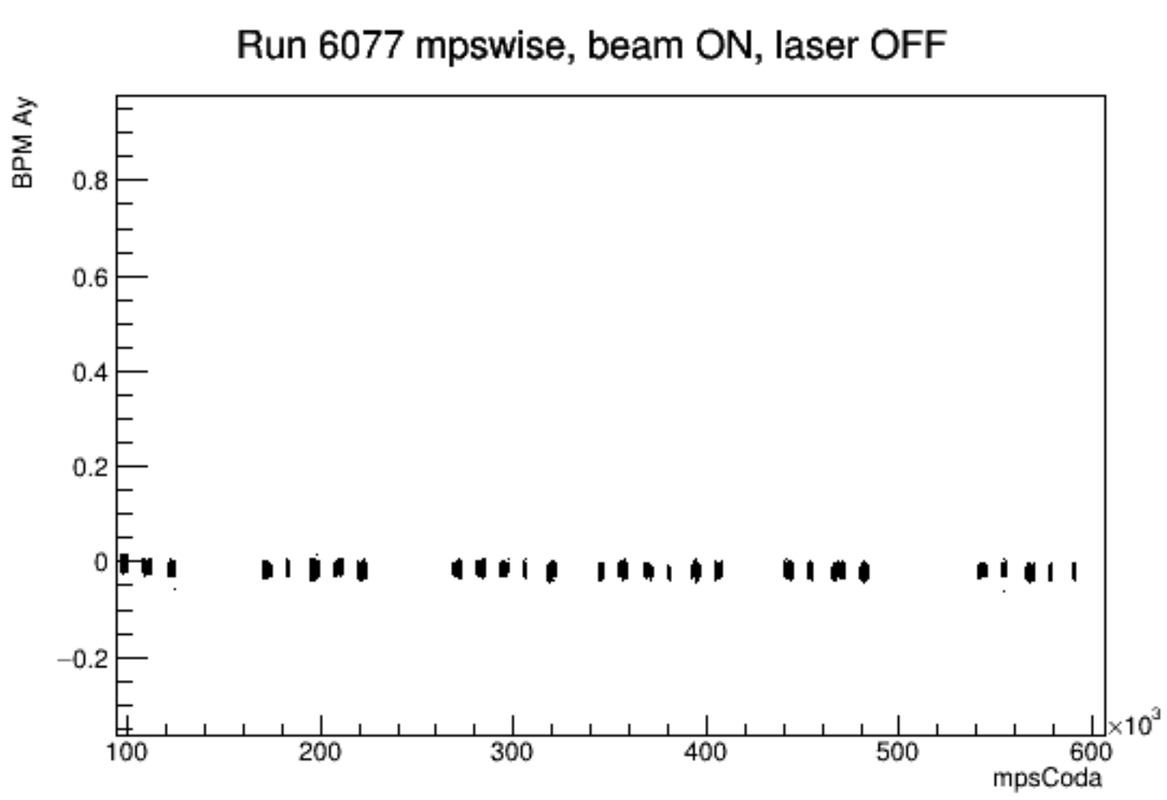
Run 6077 mpswise, beam OFF, laser ON

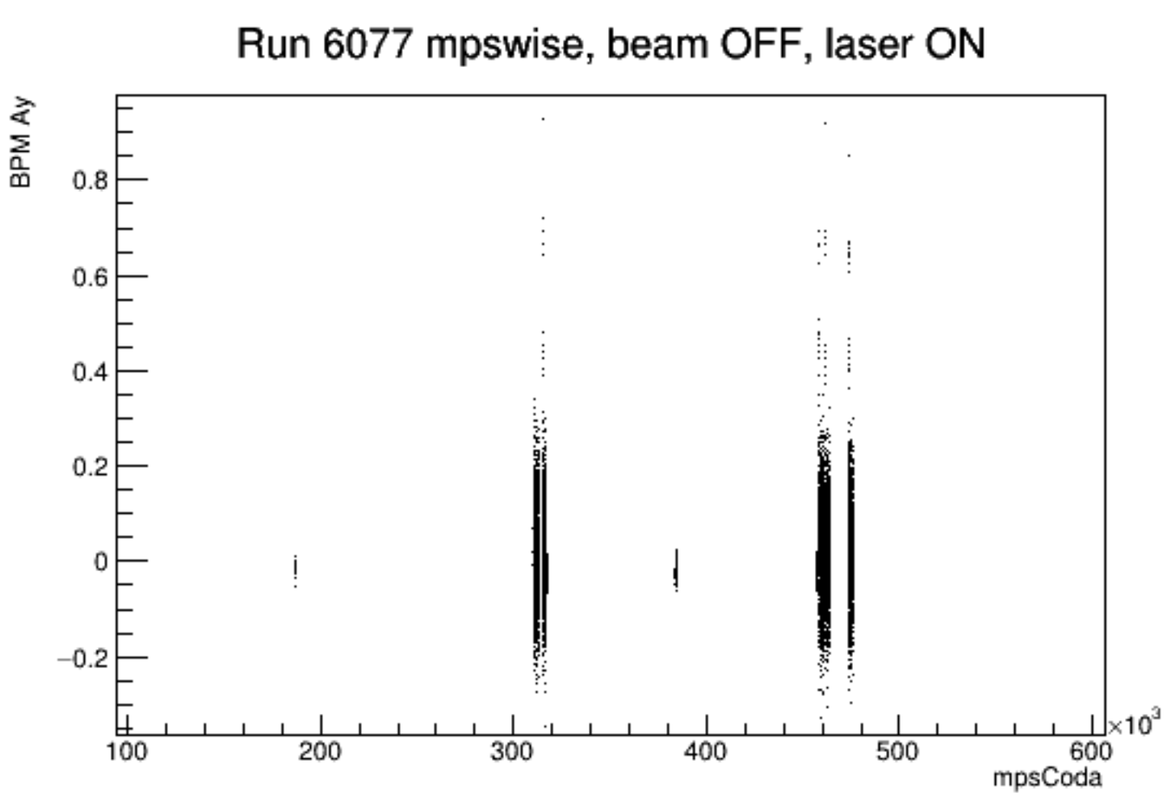


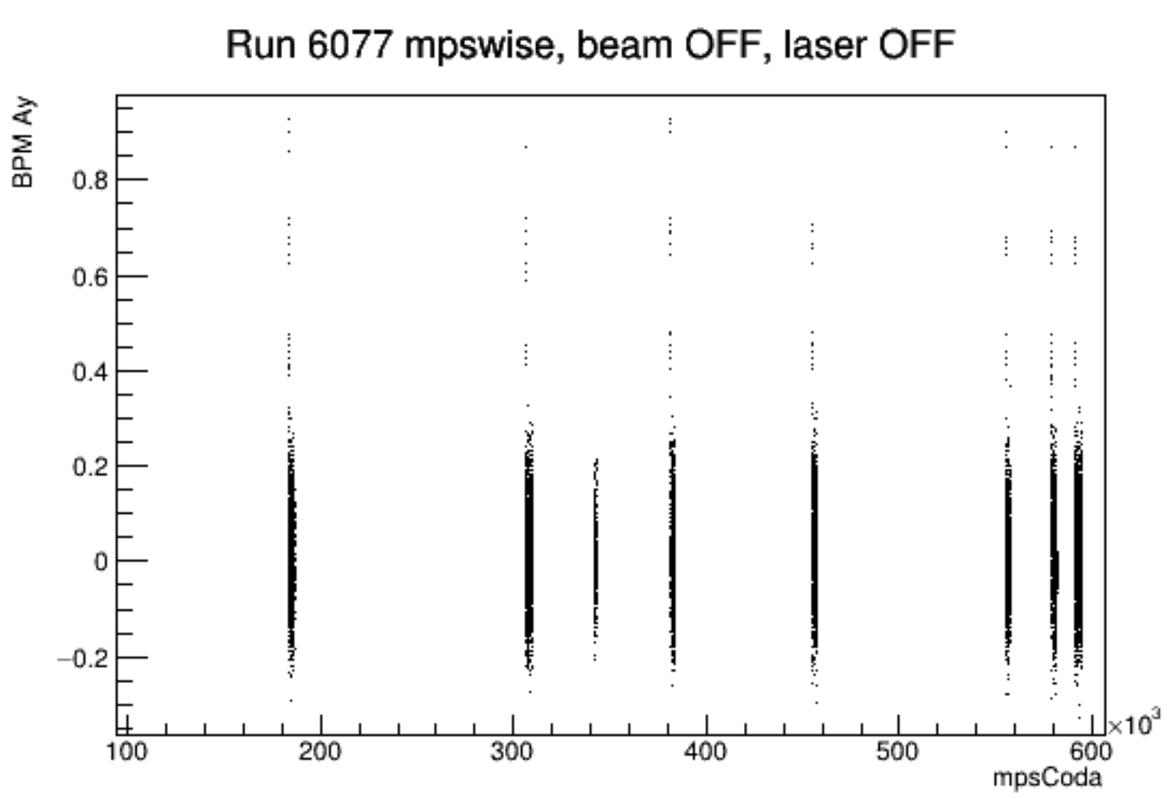
Run 6077 mpswise, beam OFF, laser OFF

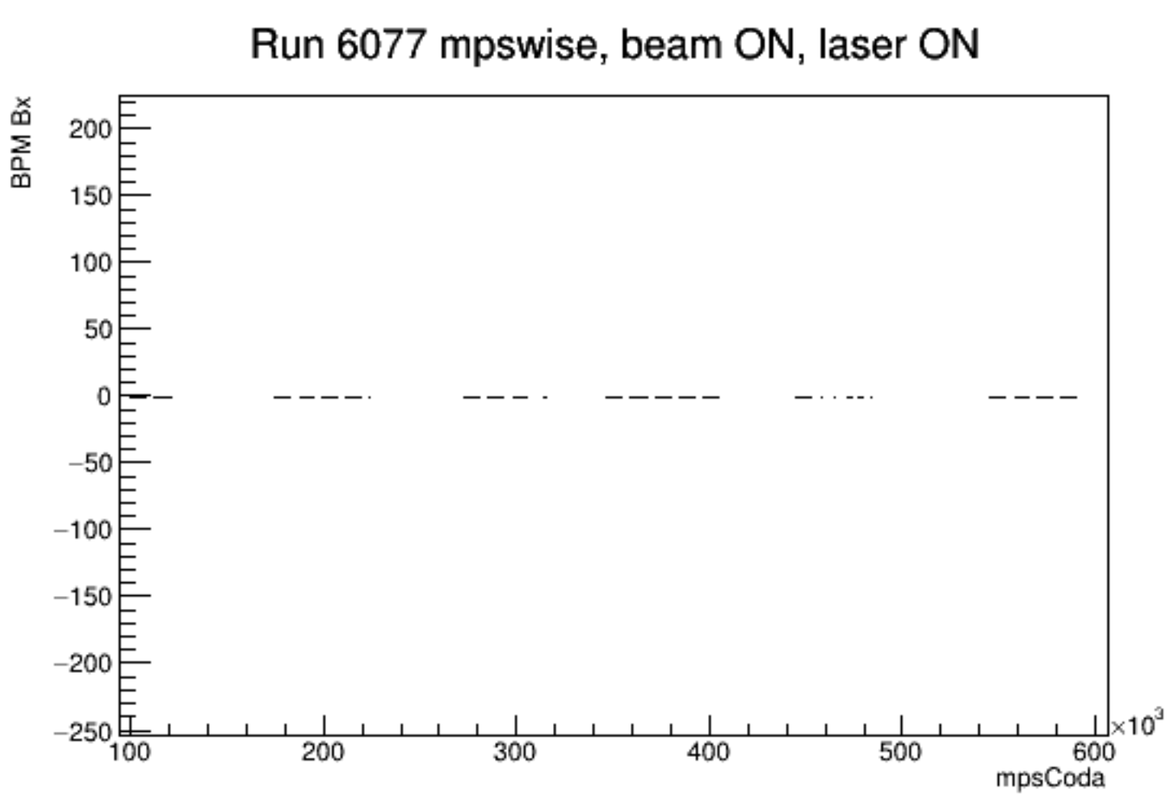


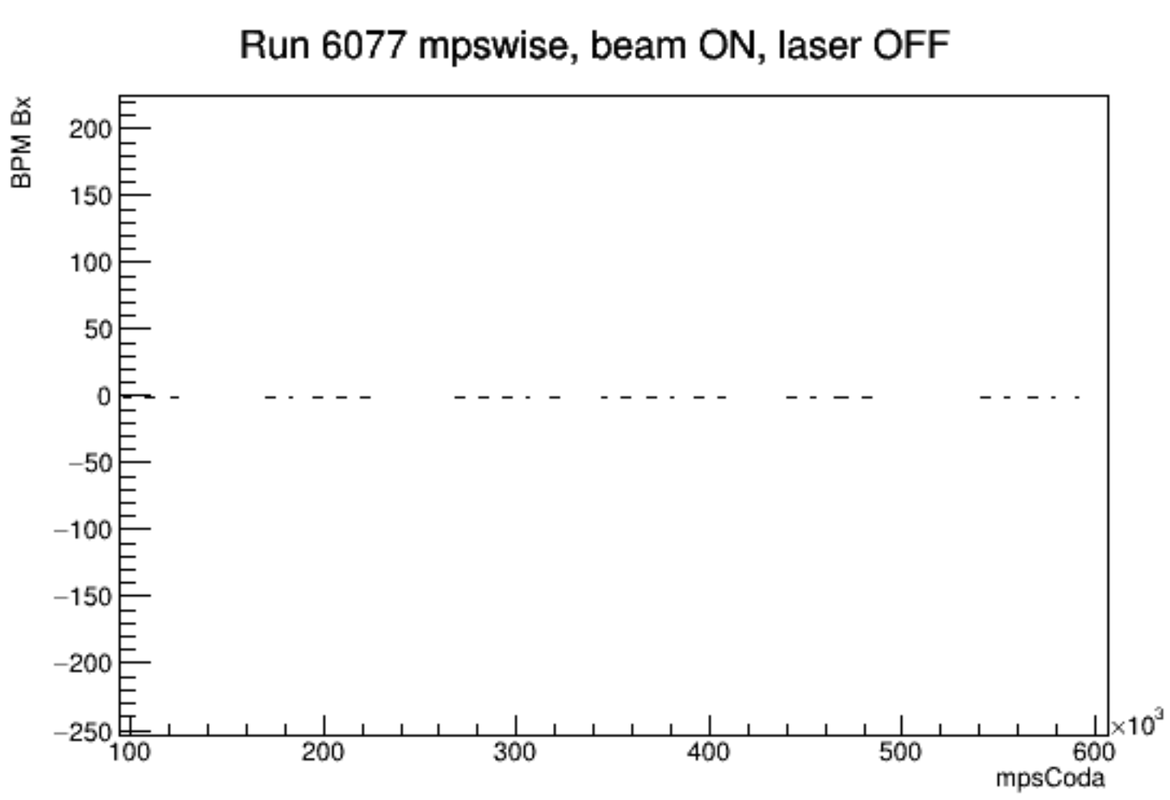

Run 6077 mpswise, beam ON, laser ON
BPM Ay
0.8
0.6
0.4
0.2
0
−0.2
100
200
300
400
500
600
×10^3
mpsCoda

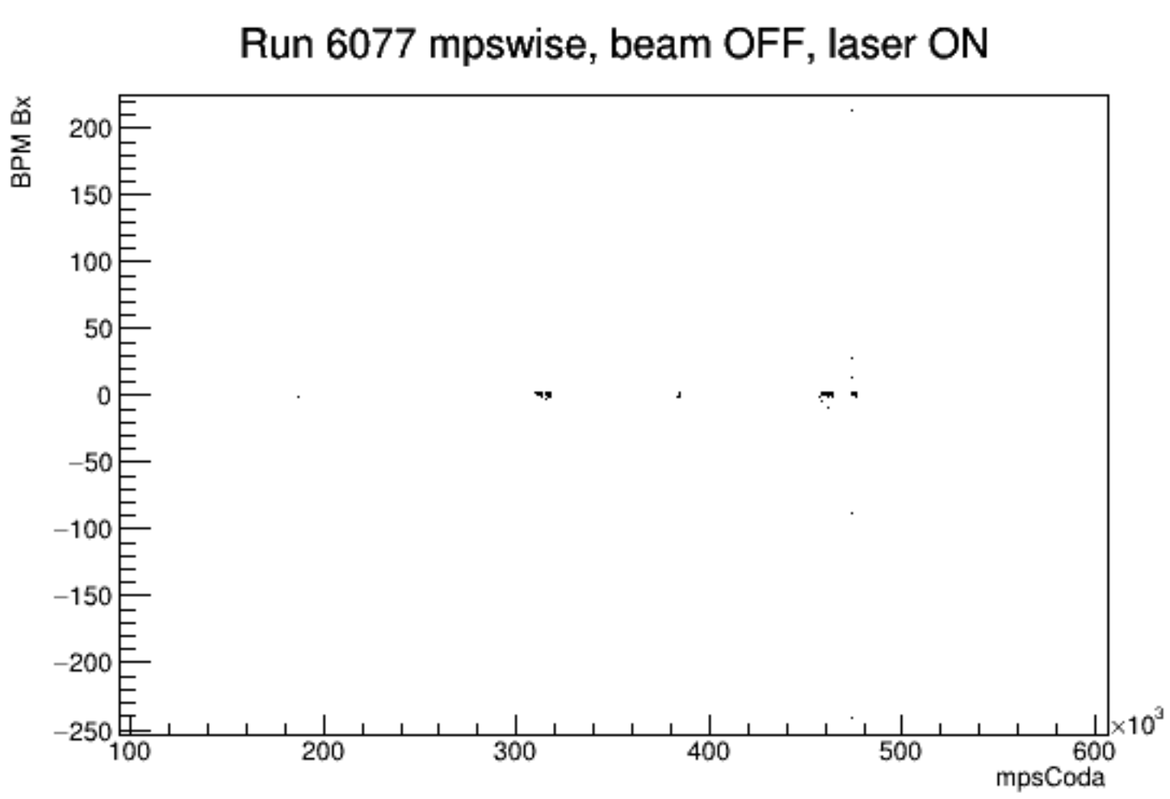

Run 6077 mpswise, beam ON, laser OFF
BPM Ay
0.8
0.6
0.4
0.2
0
−0.2
100
200
300
400
500
600
×10^3
mpsCoda

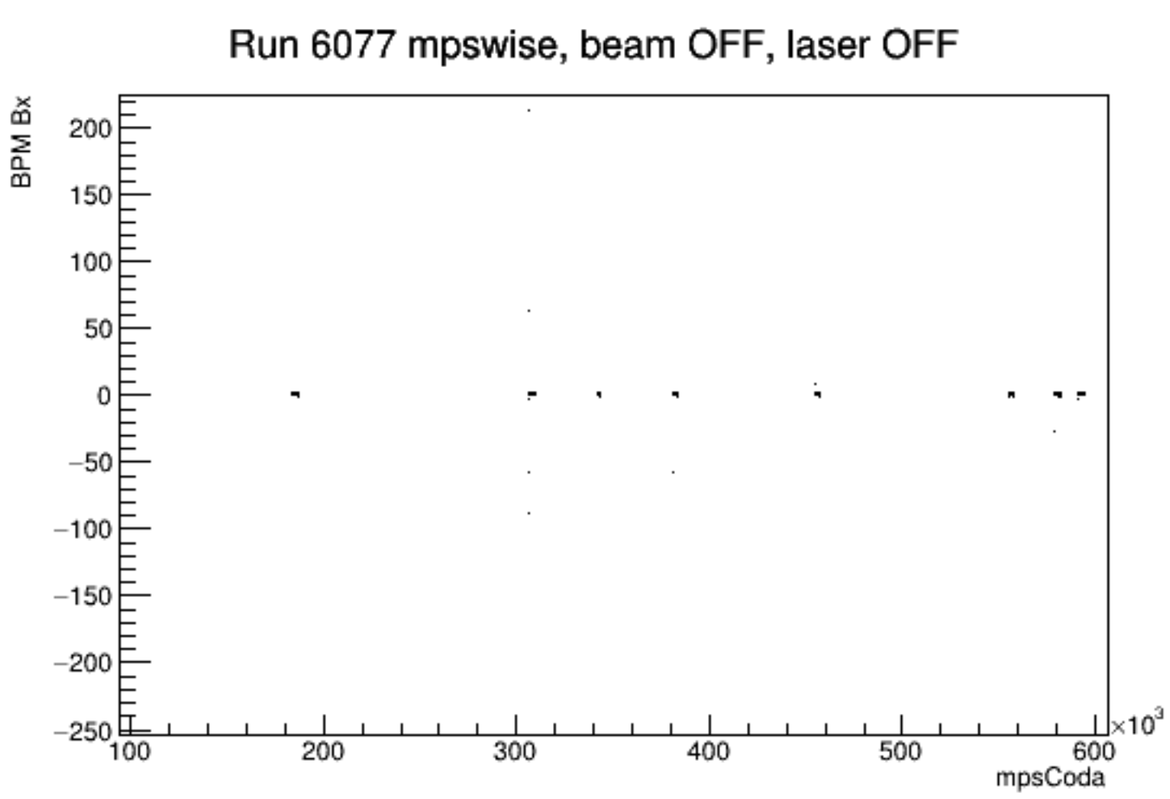

Run 6077 mpswise, beam OFF, laser ON
BPM Ay
0.8
0.6
0.4
0.2
0
−0.2
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam OFF, laser OFF
BPM Ay
0.8
0.6
0.4
0.2
0
−0.2
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam ON, laser ON
BPM Bx
200
150
100
50
0
−50
−100
−150
−200
−250
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam ON, laser OFF
BPM Bx
200
150
100
50
0
−50
−100
−150
−200
−250
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam OFF, laser ON
BPM Bx
200
150
100
50
0
−50
−100
−150
−200
−250
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam OFF, laser OFF
BPM Bx
200
150
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50
0
−50
−100
−150
−200
−250
100
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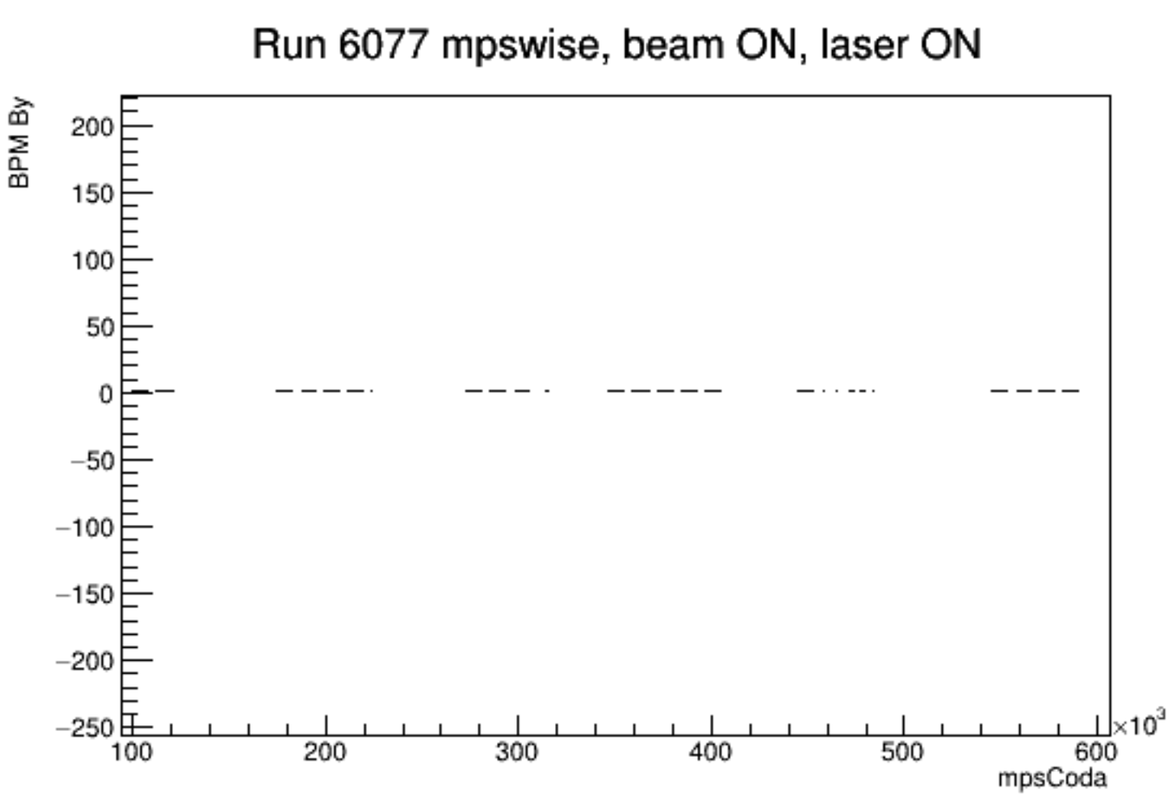
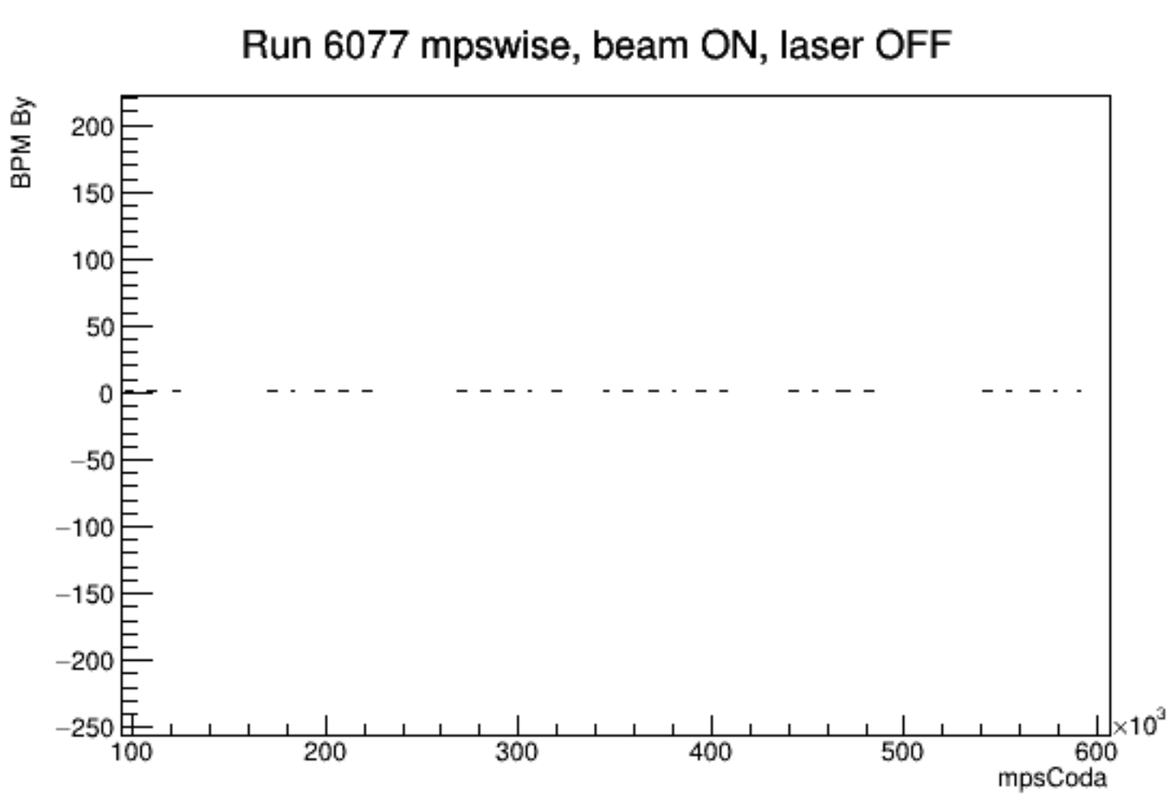
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam ON, laser ON
BPM By
200
150
100
50
0
−50
−100
−150
−200
−250
100
200
300
400
500
600
×10^3
mpsCoda


Run 6077 mpswise, beam ON, laser OFF
BPM By
200
150
100
50
0
−50
−100
−150
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−250
100
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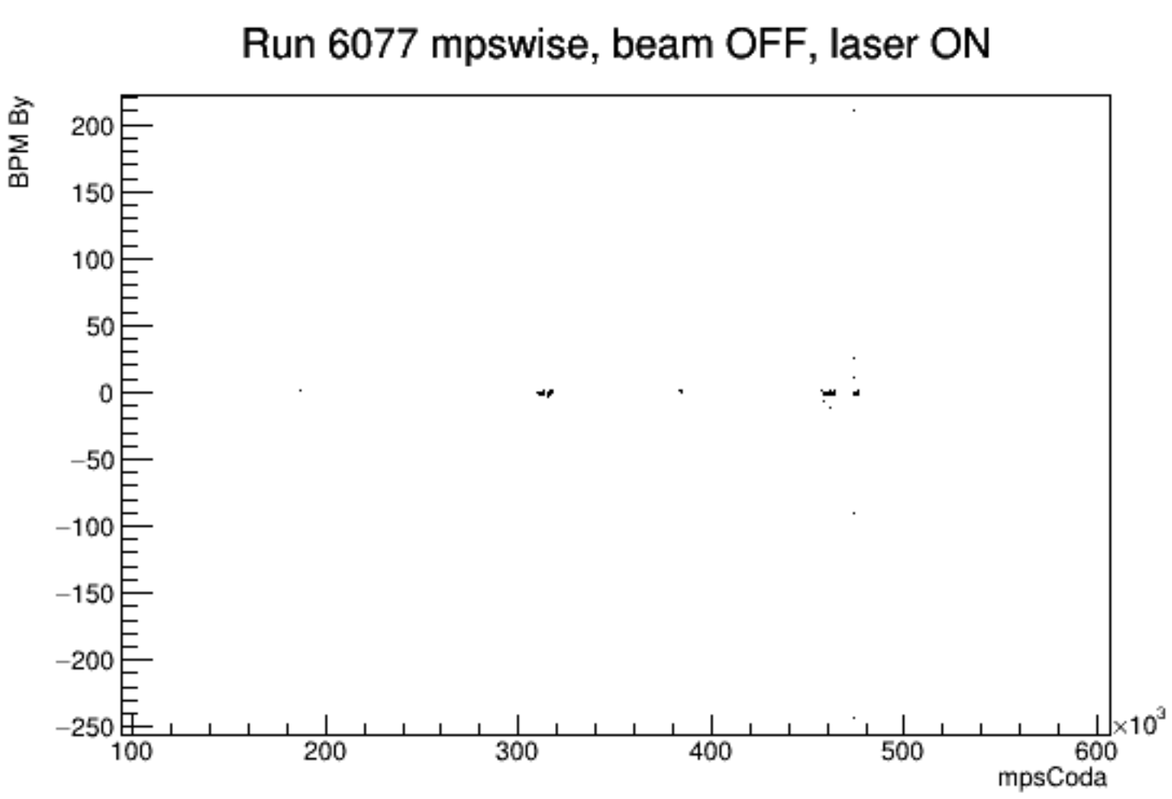
600
×10^3
mpsCoda


Run 6077 mpswise, beam OFF, laser ON
BPM By
200
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−250
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200
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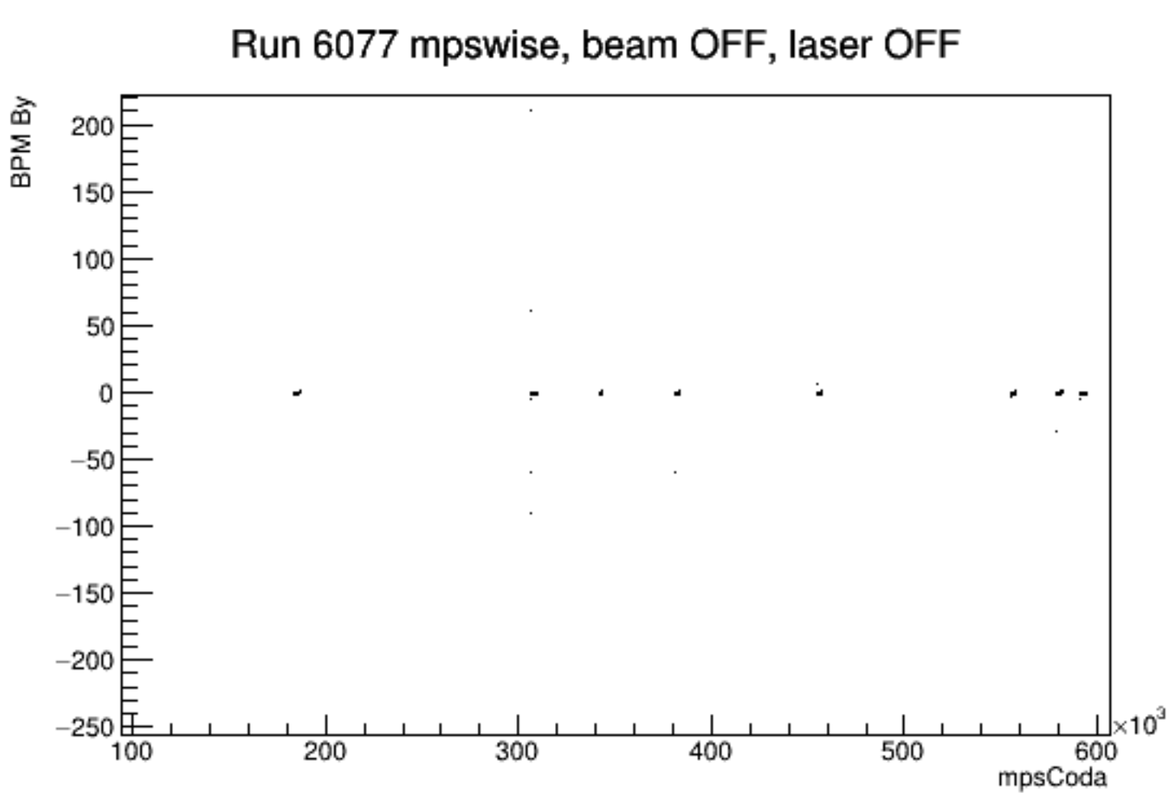
×10^3
mpsCoda


Run 6077 mpswise, beam OFF, laser OFF
BPM By
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200
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400
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600
×10^3
mpsCoda