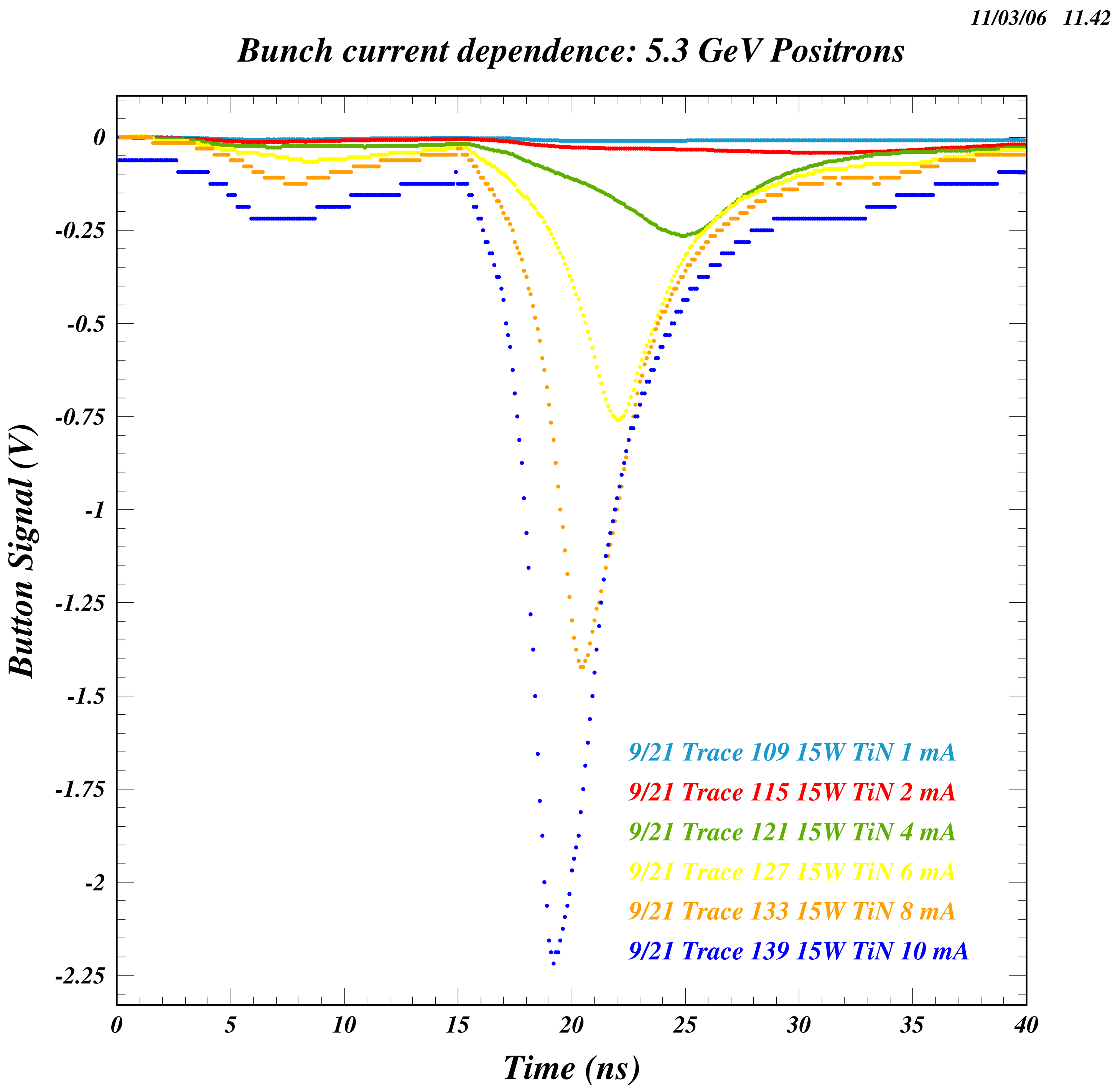
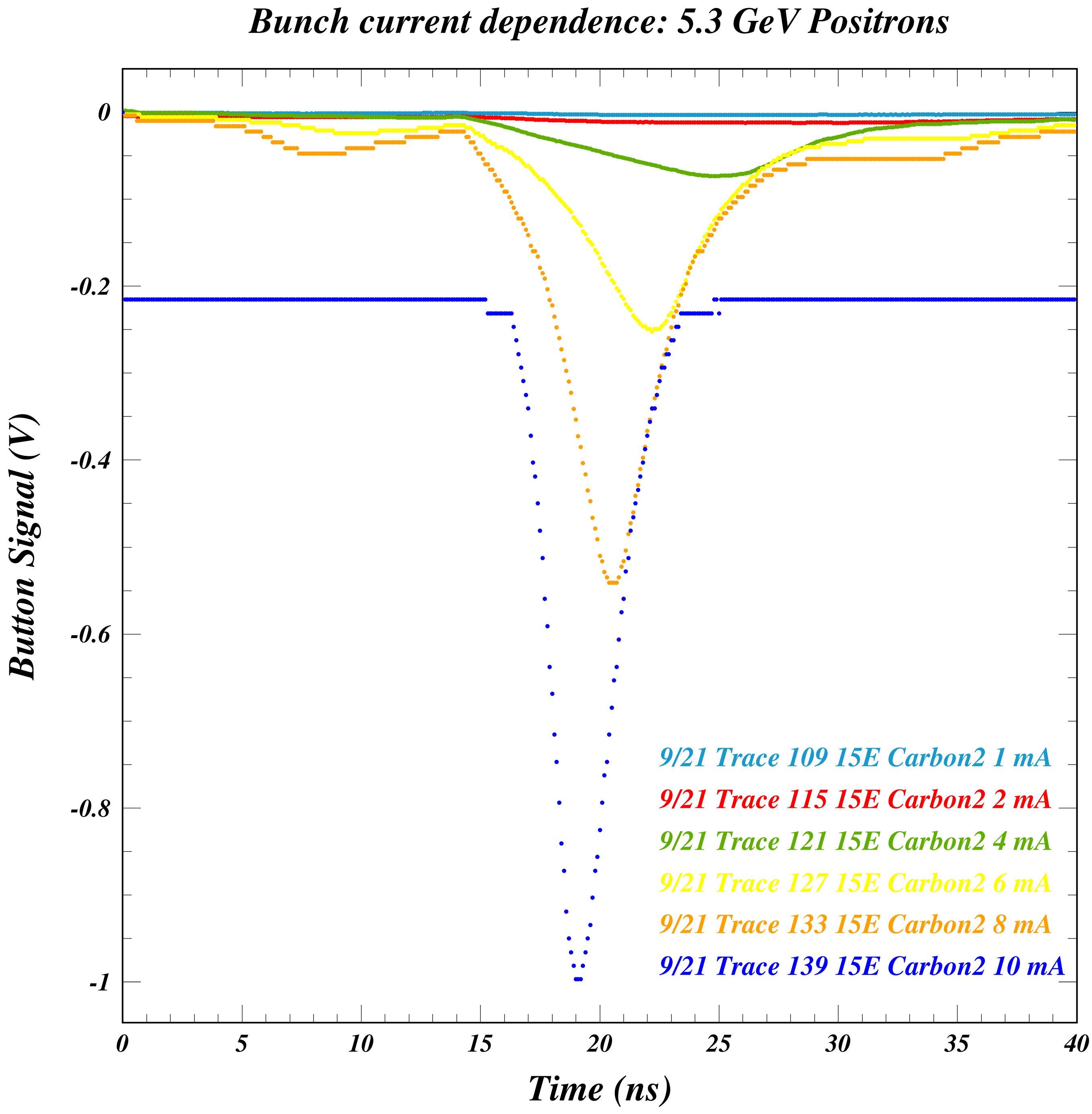
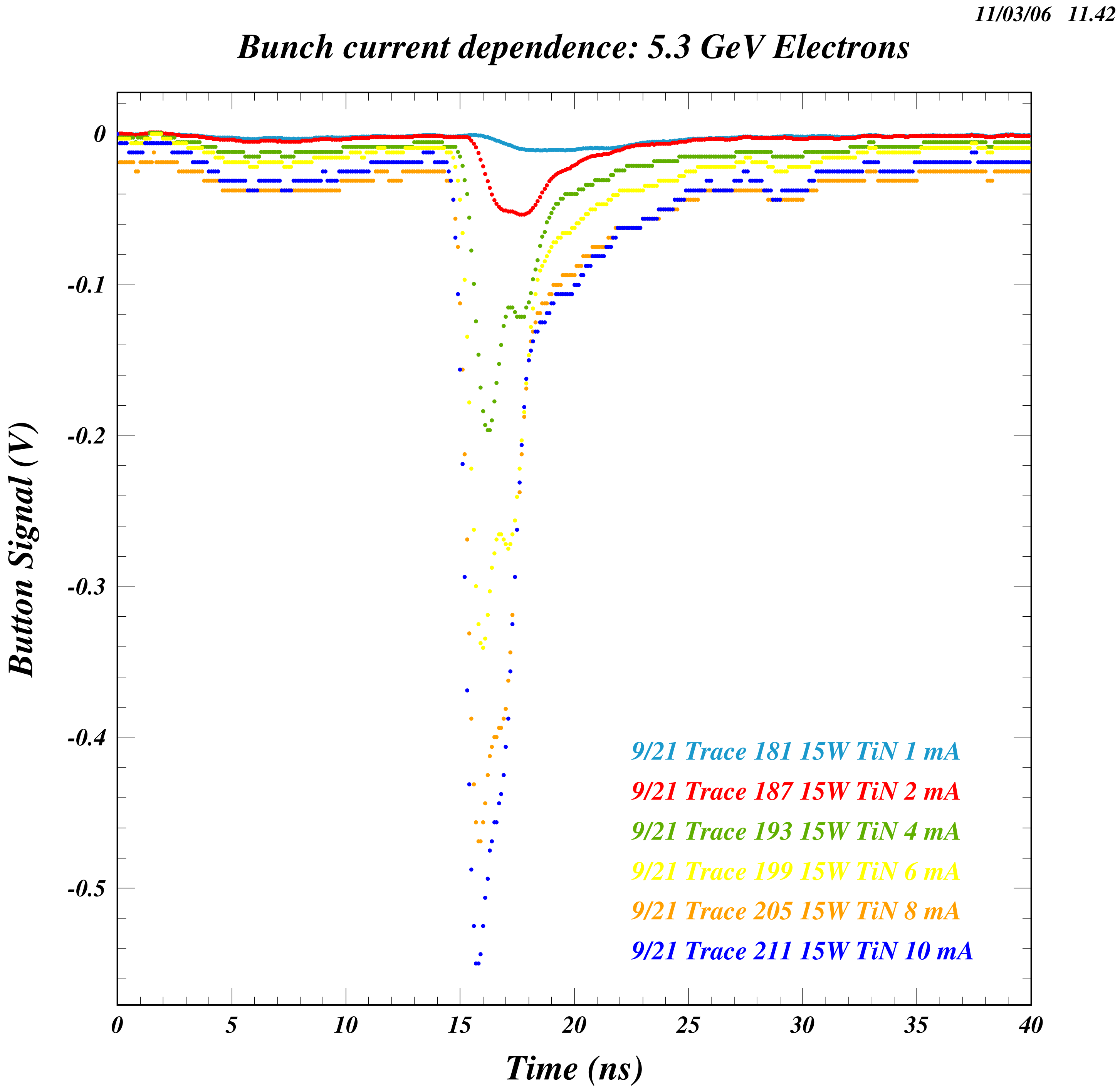
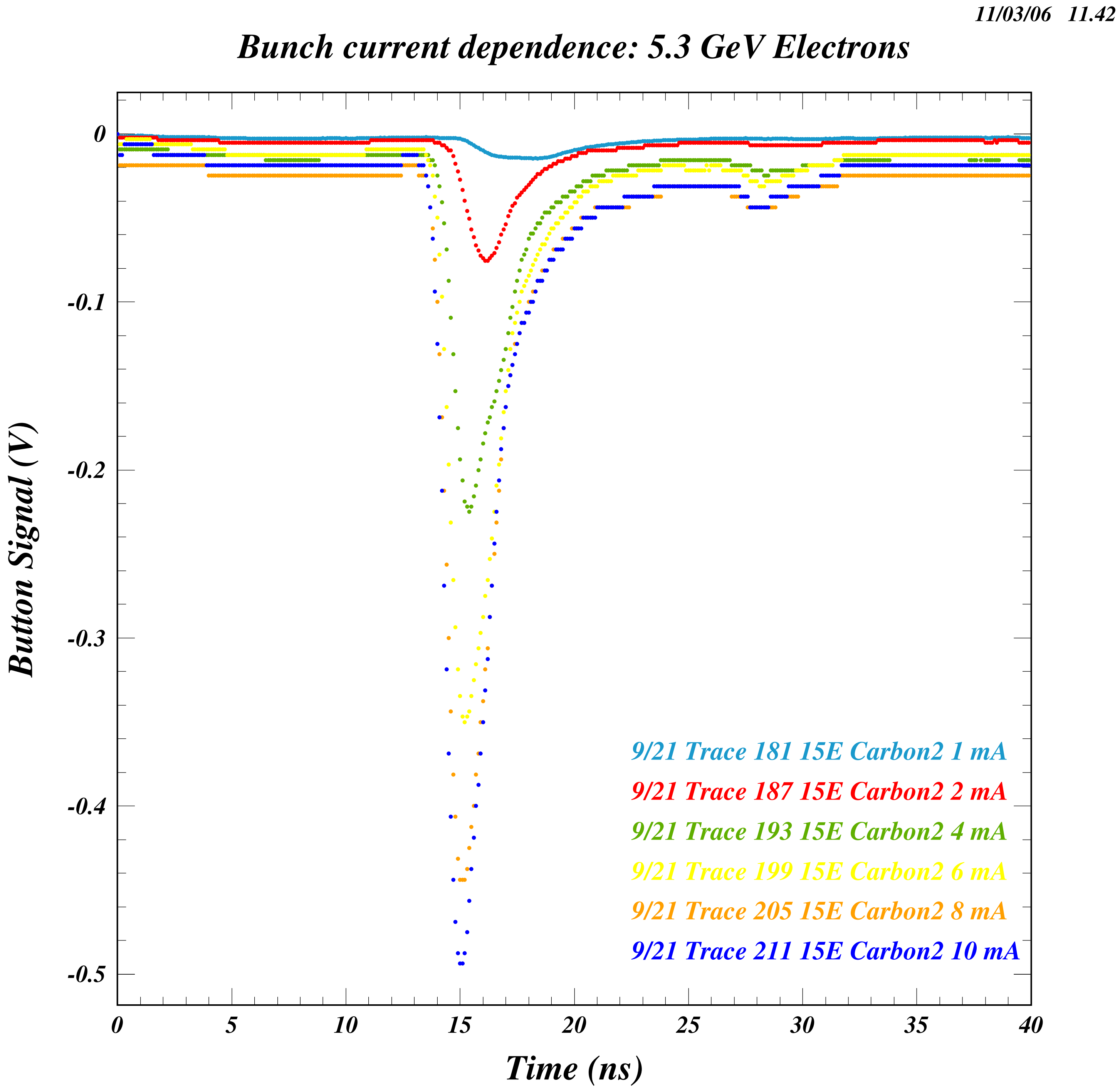

11/03/06 11.42
Bunch current dependence: 5.3 GeV Positrons
Button Signal (V)
Time (ns)
0
-0.25
-0.5
-0.75
-1
-1.25
-1.5
-1.75
-2
-2.25
0
5
10
15
20
25
30
35
40
9/21 Trace 109 15W TiN 1 mA
9/21 Trace 115 15W TiN 2 mA
9/21 Trace 121 15W TiN 4 mA
9/21 Trace 127 15W TiN 6 mA
9/21 Trace 133 15W TiN 8 mA
9/21 Trace 139 15W TiN 10 mA

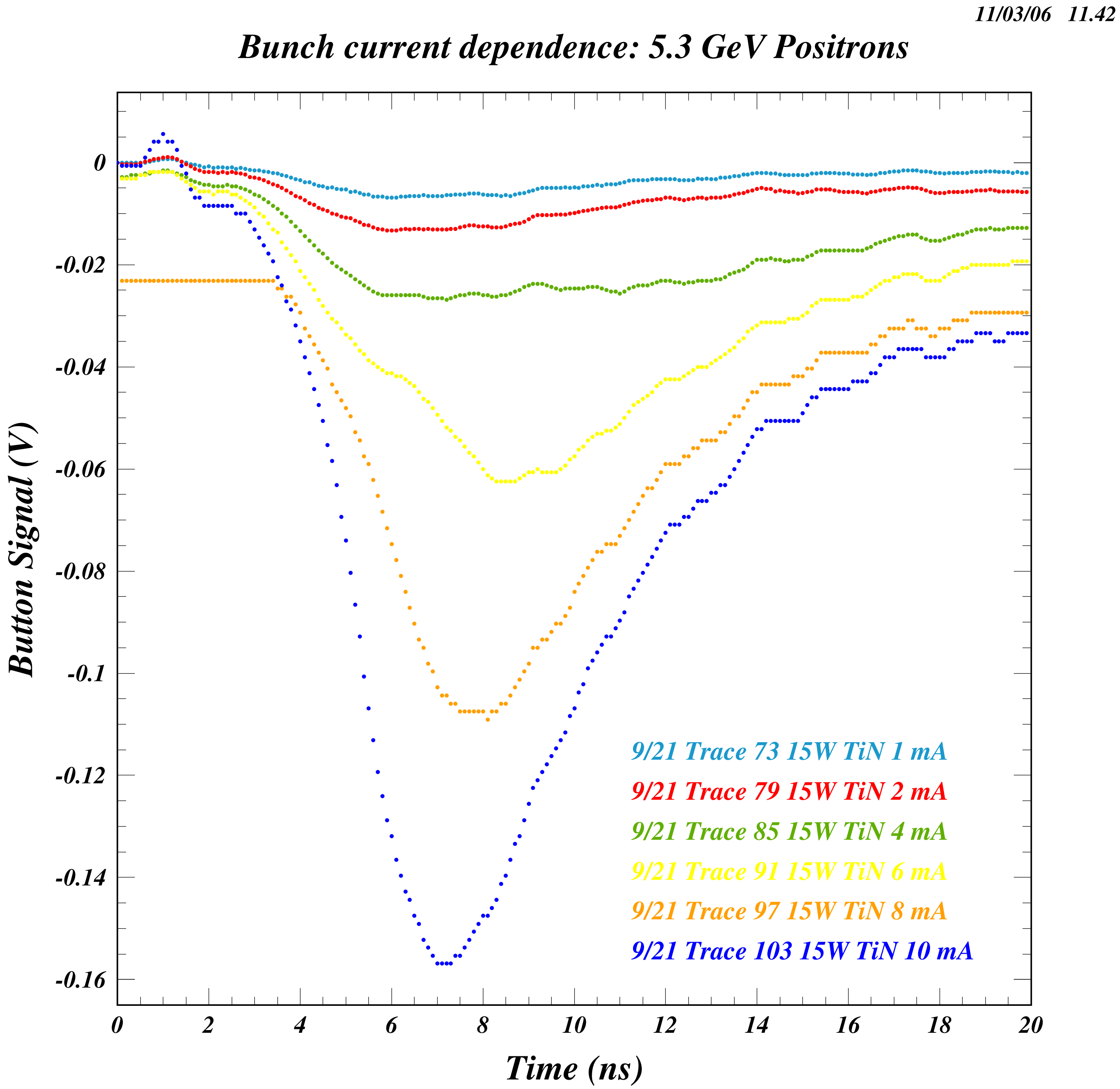
11/03/06 11.42

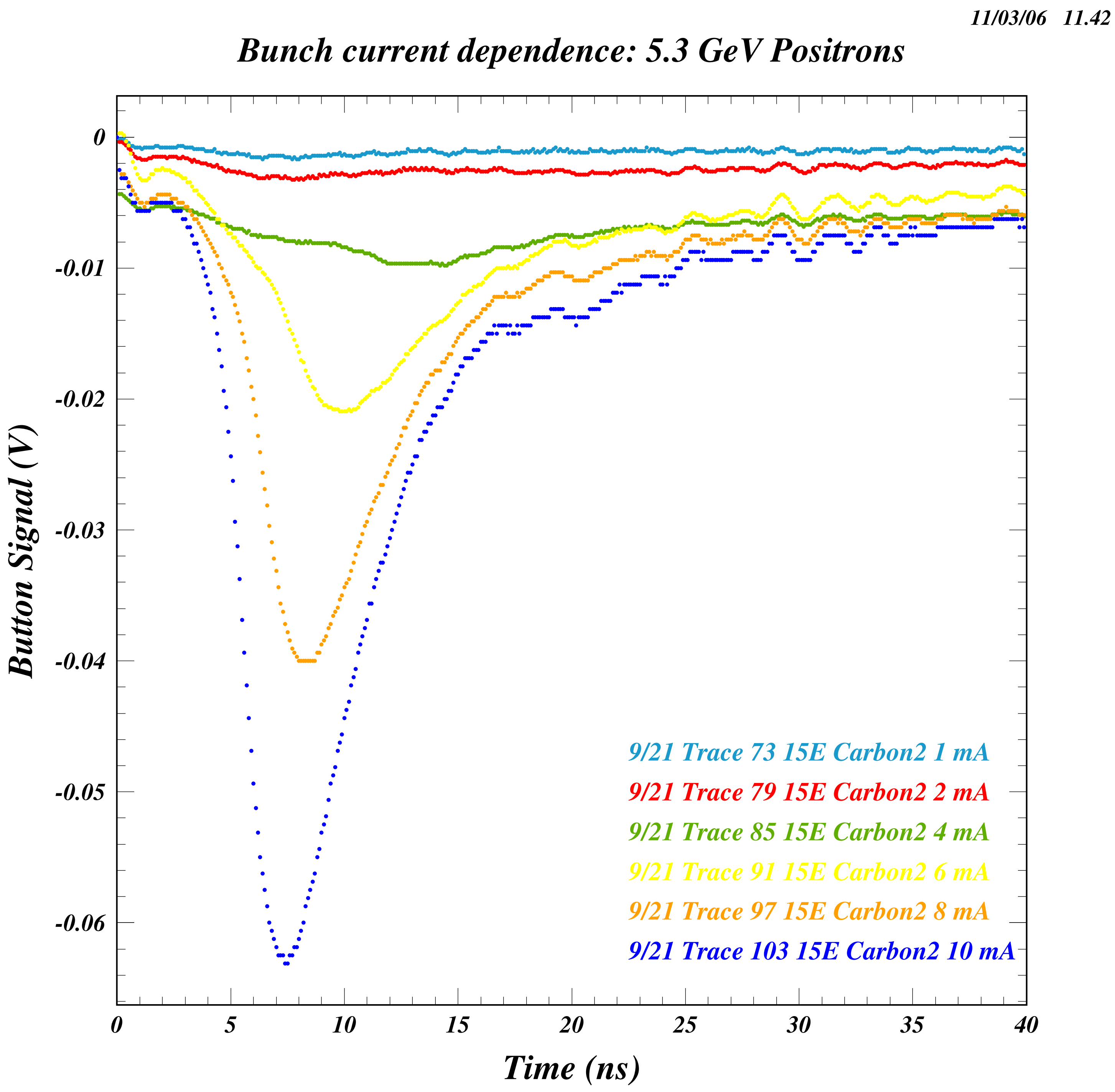

Bunch current dependence: 5.3 GeV Positrons
Button Signal (V)
0
-0.2
-0.4
-0.6
-0.8
-1
0
5
10
15
20
25
30
35
40
Time (ns)
9/21 Trace 109 15E Carbon2 1 mA
9/21 Trace 115 15E Carbon2 2 mA
9/21 Trace 121 15E Carbon2 4 mA
9/21 Trace 127 15E Carbon2 6 mA
9/21 Trace 133 15E Carbon2 8 mA
9/21 Trace 139 15E Carbon2 10 mA



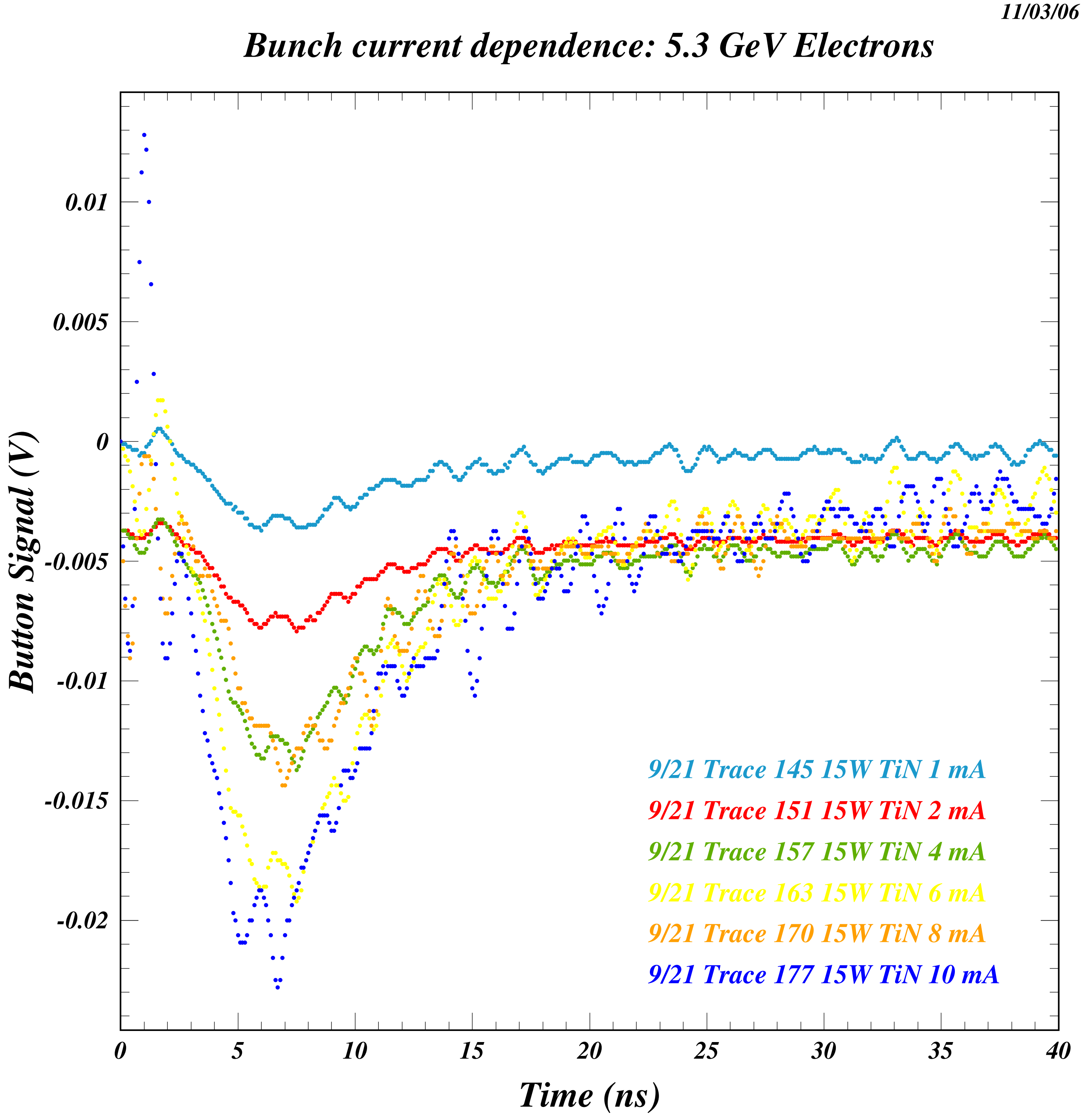
11/03/06 11.42
Bunch current dependence: 5.3 GeV Electrons
Button Signal (V)
0
-0.1
-0.2
-0.3
-0.4
-0.5
Time (ns)
0
5
10
15
20
25
30
35
40
9/21 Trace 181 15W TiN 1 mA
9/21 Trace 187 15W TiN 2 mA
9/21 Trace 193 15W TiN 4 mA
9/21 Trace 199 15W TiN 6 mA
9/21 Trace 205 15W TiN 8 mA
9/21 Trace 211 15W TiN 10 mA

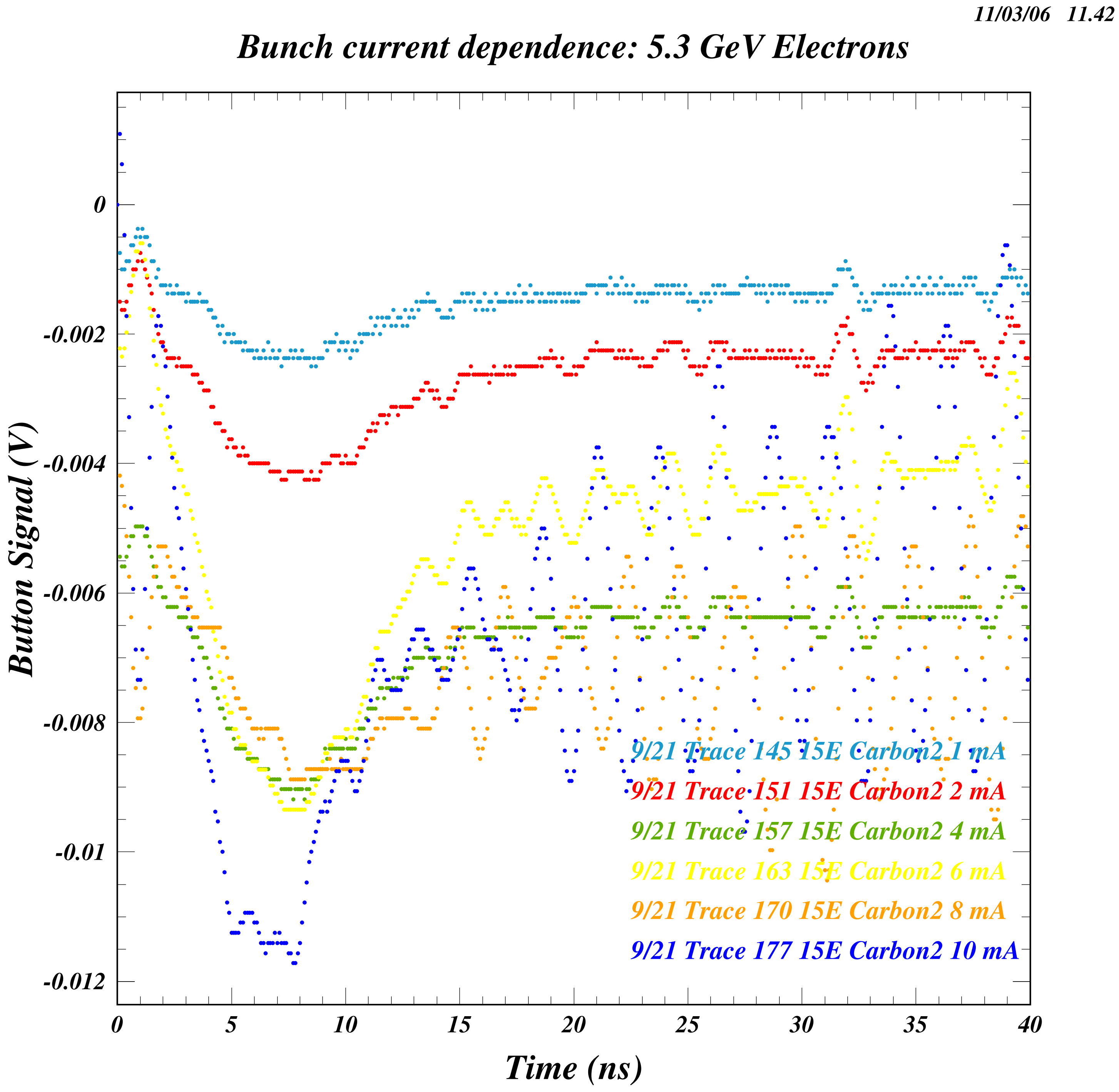

11/03/06 11.42
Bunch current dependence: 5.3 GeV Electrons
Button Signal (V)
0
-0.1
-0.2
-0.3
-0.4
-0.5
0
5
10
15
20
25
30
35
40
Time (ns)
9/21 Trace 181 15E Carbon2 1 mA
9/21 Trace 187 15E Carbon2 2 mA
9/21 Trace 193 15E Carbon2 4 mA
9/21 Trace 199 15E Carbon2 6 mA
9/21 Trace 205 15E Carbon2 8 mA
9/21 Trace 211 15E Carbon2 10 mA


11/03/06 11.42
Bunch current dependence: 5.3 GeV Positrons
Button Signal (V)
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
-0.14
-0.16
0
2
4
6
8
10
12
14
16
18
20
Time (ns)
9/21 Trace 73 15W TiN 1 mA
9/21 Trace 79 15W TiN 2 mA
9/21 Trace 85 15W TiN 4 mA
9/21 Trace 91 15W TiN 6 mA
9/21 Trace 97 15W TiN 8 mA
9/21 Trace 103 15W TiN 10 mA


11/03/06 11.42
Bunch current dependence: 5.3 GeV Positrons
Button Signal (V)
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
0
5
10
15
20
25
30
35
40
Time (ns)
9/21 Trace 73 15E Carbon2 1 mA
9/21 Trace 79 15E Carbon2 2 mA
9/21 Trace 85 15E Carbon2 4 mA
9/21 Trace 91 15E Carbon2 6 mA
9/21 Trace 97 15E Carbon2 8 mA
9/21 Trace 103 15E Carbon2 10 mA

11/03/06 11.42


Bunch current dependence: 5.3 GeV Electrons
Button Signal (V)
0.01
0.005
0
-0.005
-0.01
-0.015
-0.02
Time (ns)
0
5
10
15
20
25
30
35
40
9/21 Trace 145 15W TiN 1 mA
9/21 Trace 151 15W TiN 2 mA
9/21 Trace 157 15W TiN 4 mA
9/21 Trace 163 15W TiN 6 mA
9/21 Trace 170 15W TiN 8 mA
9/21 Trace 177 15W TiN 10 mA



11/03/06 11.42
Bunch current dependence: 5.3 GeV Electrons
Button Signal (V)
0
-0.002
-0.004
-0.006
-0.008
-0.01
-0.012
Time (ns)
0
5
10
15
20
25
30
35
40
9/21 Trace 145 15E Carbon2 1 mA
9/21 Trace 151 15E Carbon2 2 mA
9/21 Trace 157 15E Carbon2 4 mA
9/21 Trace 163 15E Carbon2 6 mA
9/21 Trace 170 15E Carbon2 8 mA
9/21 Trace 177 15E Carbon2 10 mA