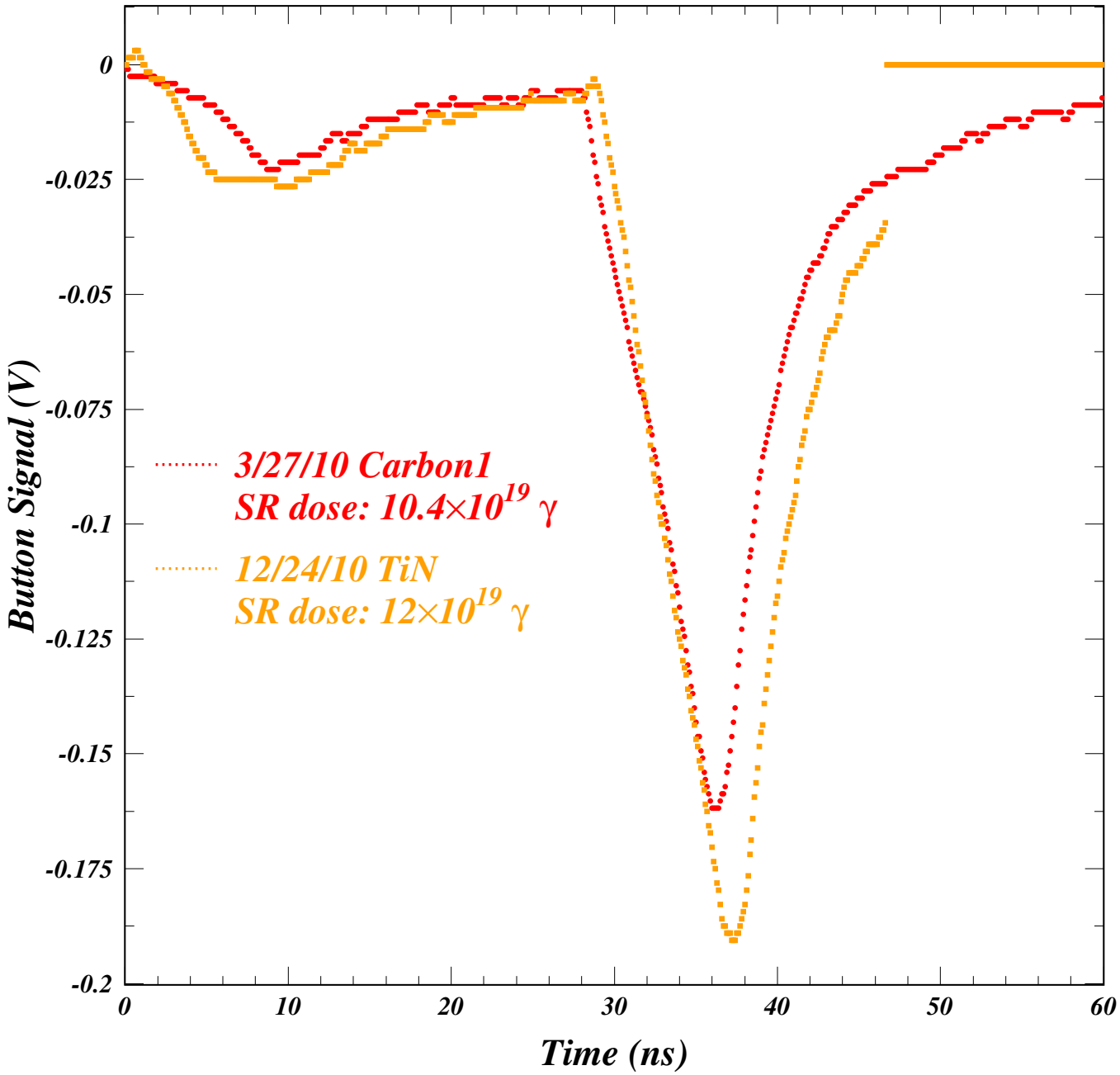
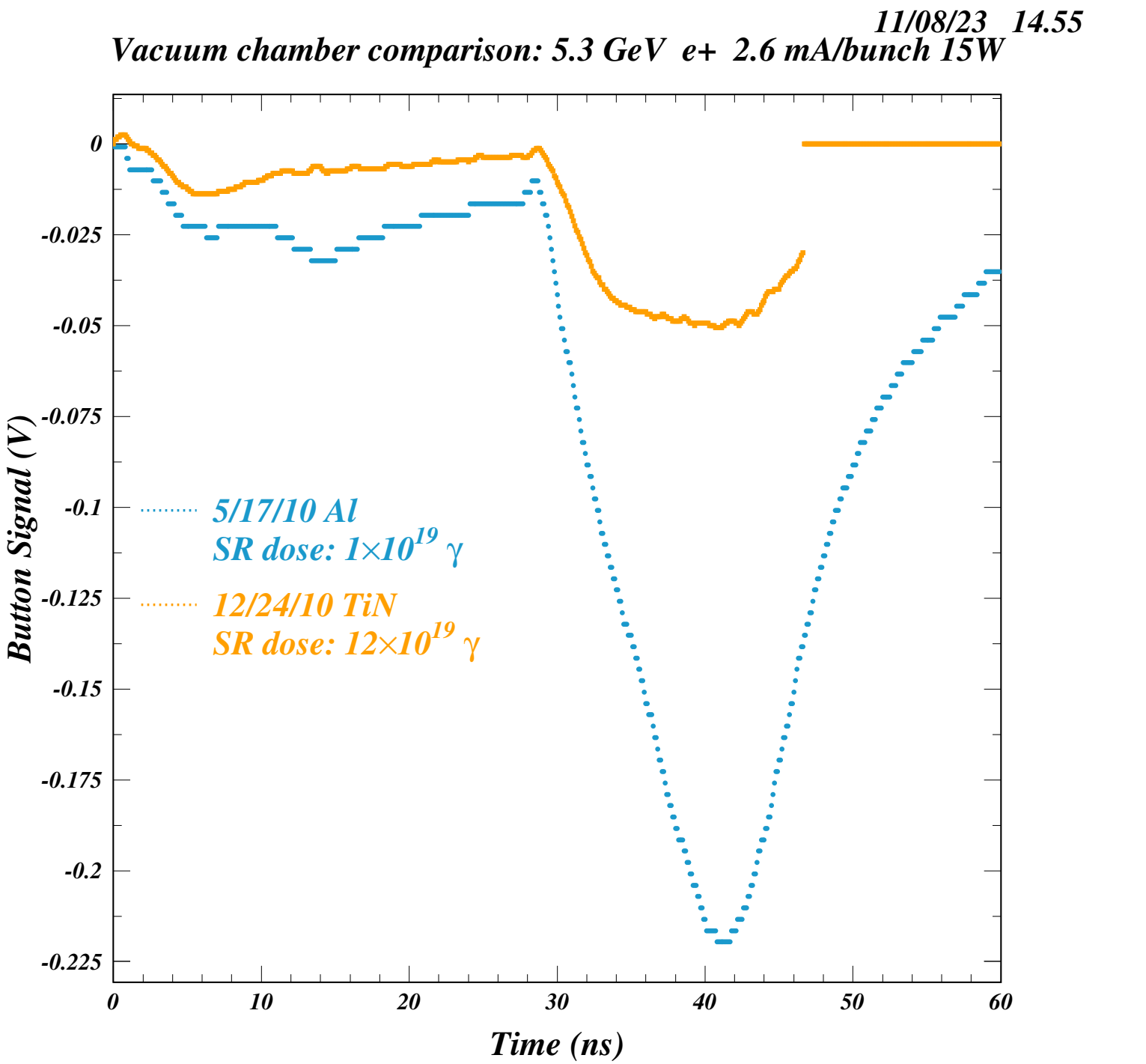
11/08/23 14.55

Vacuum chamber comparison: 5.3 GeV e+ 5 mA/bunch 15W

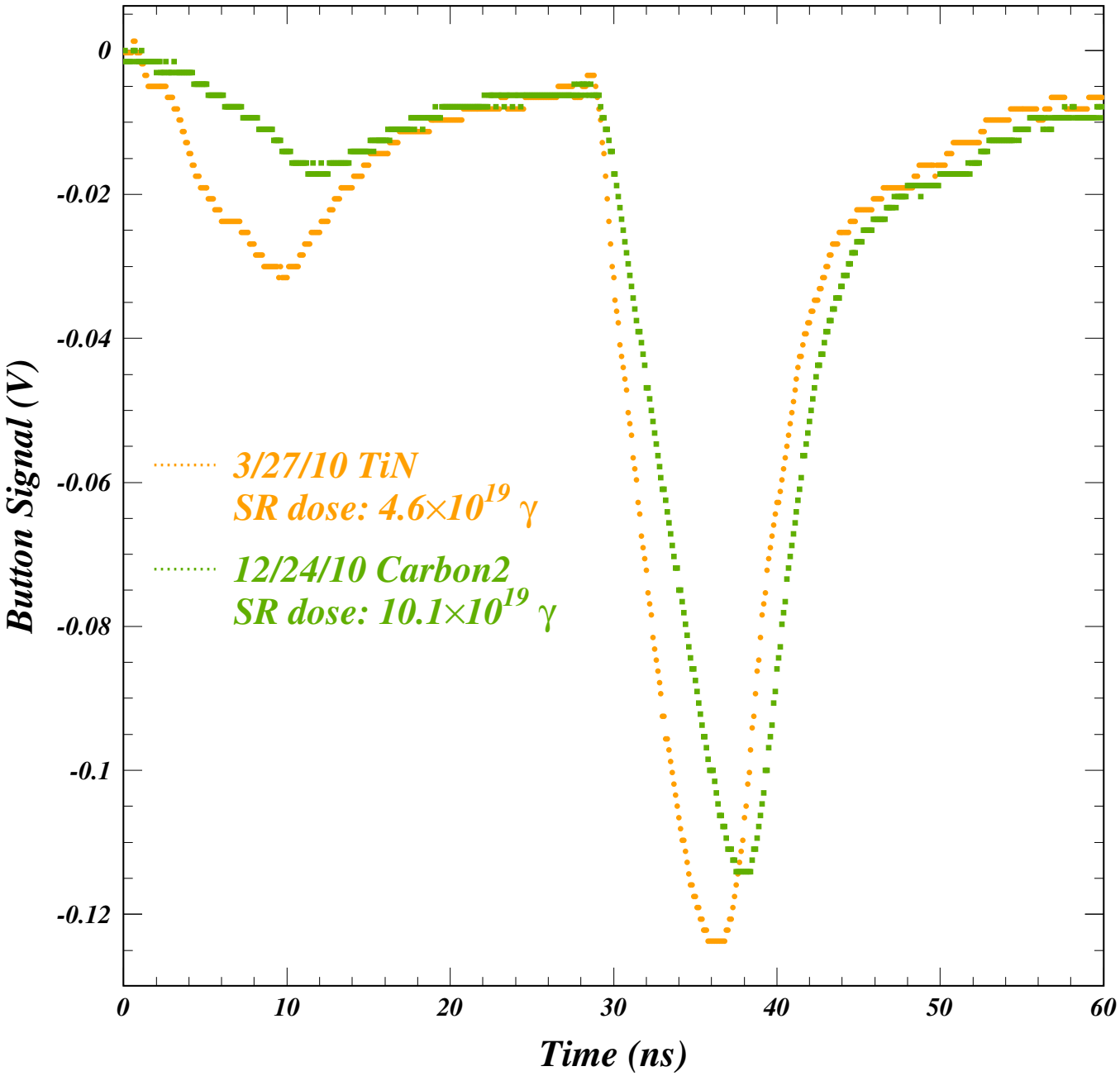


11/08/23 14.55

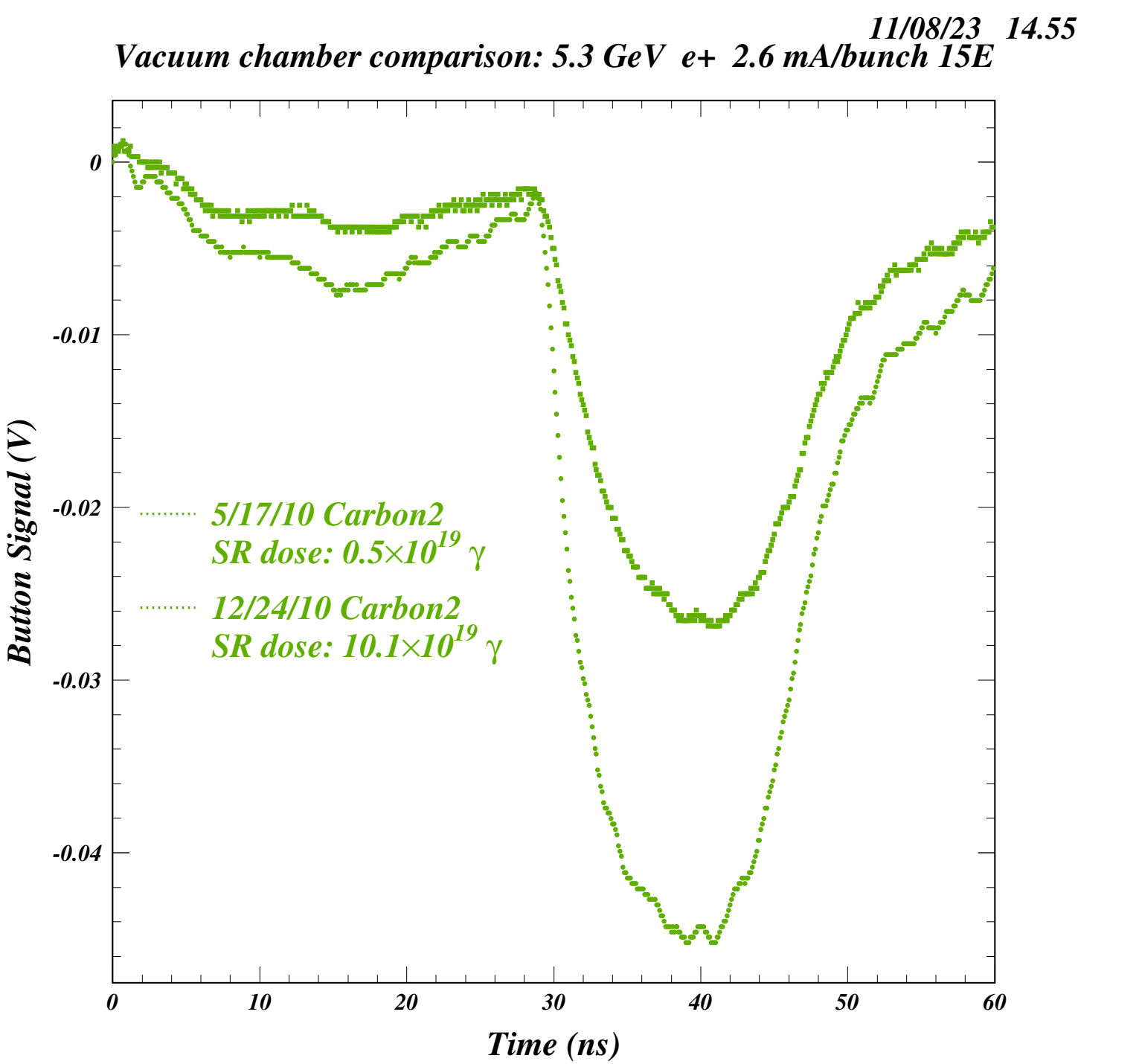

Vacuum chamber comparison: 5.3 GeV e+ 2.6 mA/bunch 15W
Button Signal (V)
0
-0.025
-0.05
-0.075
-0.1
-0.125
-0.15
-0.175
-0.2
-0.225
0
10
20
30
40
50
60
Time (ns)
5/17/10 Al
SR dose: 1×10^19 γ
12/24/10 TiN
SR dose: 12×10^19 γ

11/08/23 14.55

Vacuum chamber comparison: 5.3 GeV e+ 5 mA/bunch 15E



11/08/23 14.55


Vacuum chamber comparison: 5.3 GeV e+ 2.6 mA/bunch 15E
Button Signal (V)
0
-0.01
-0.02
-0.03
-0.04
0
10
20
30
40
50
60
Time (ns)
5/17/10 Carbon2
SR dose: 0.5×10^19 γ
12/24/10 Carbon2
SR dose: 10.1×10^19 γ