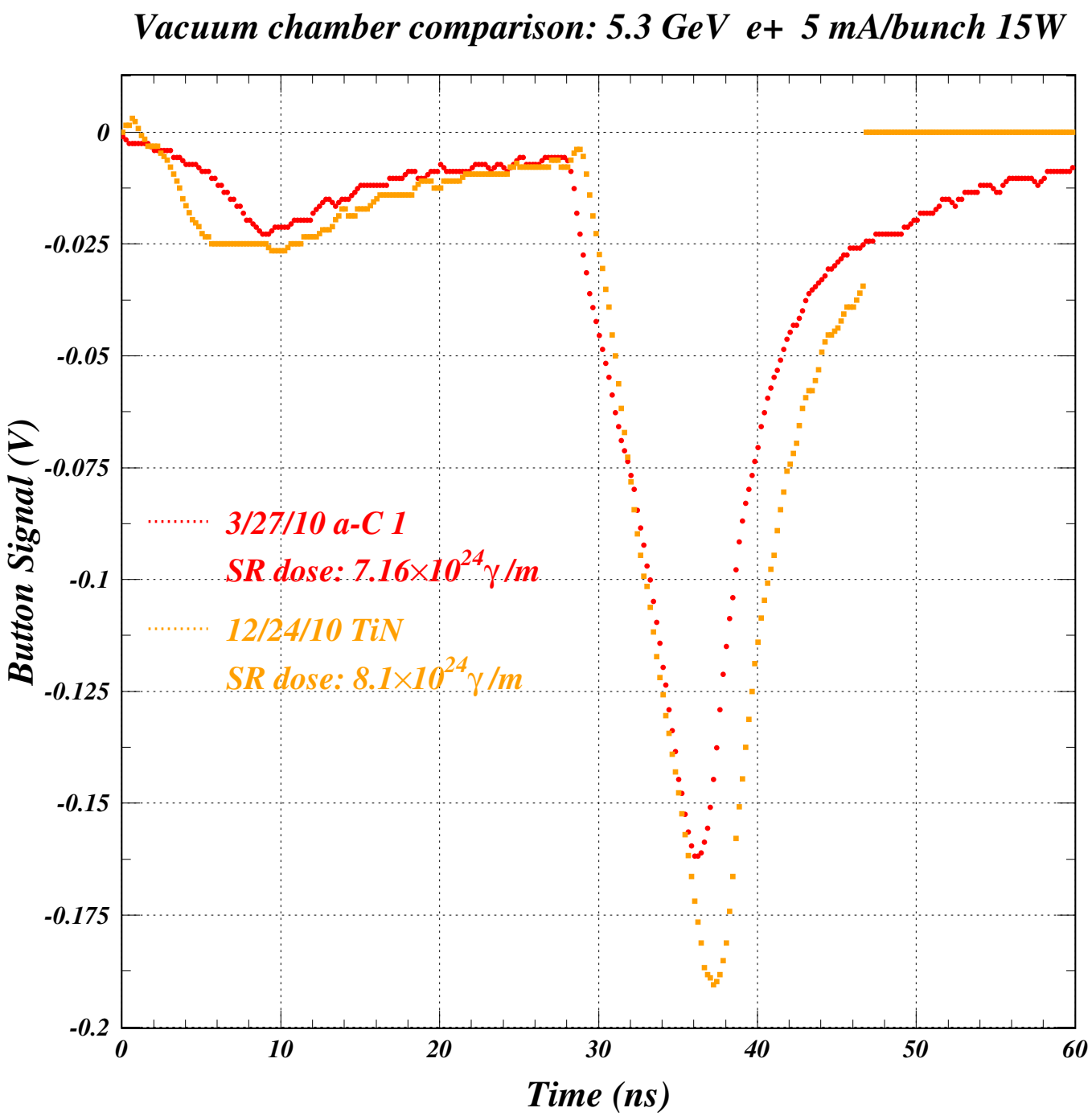
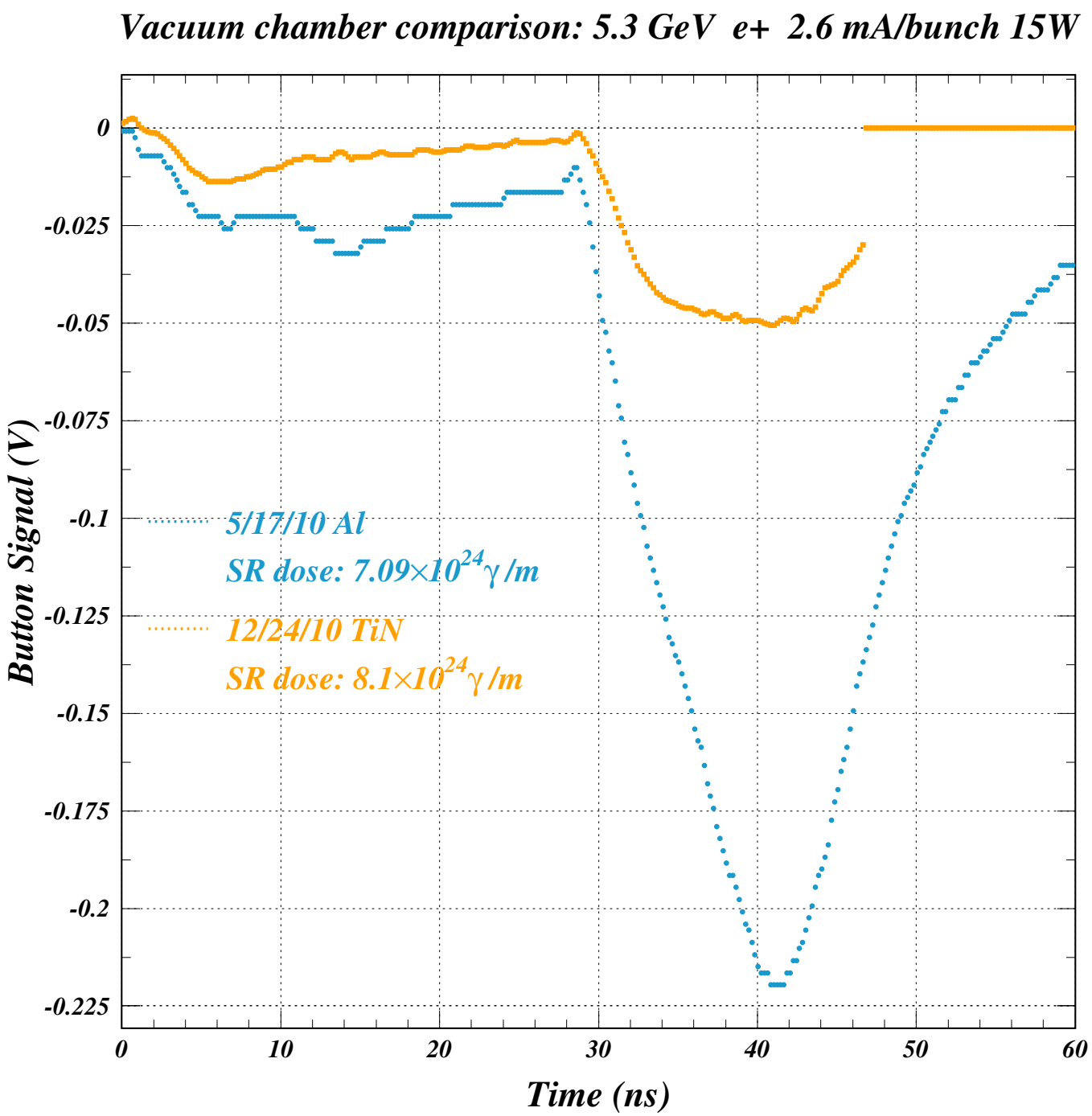
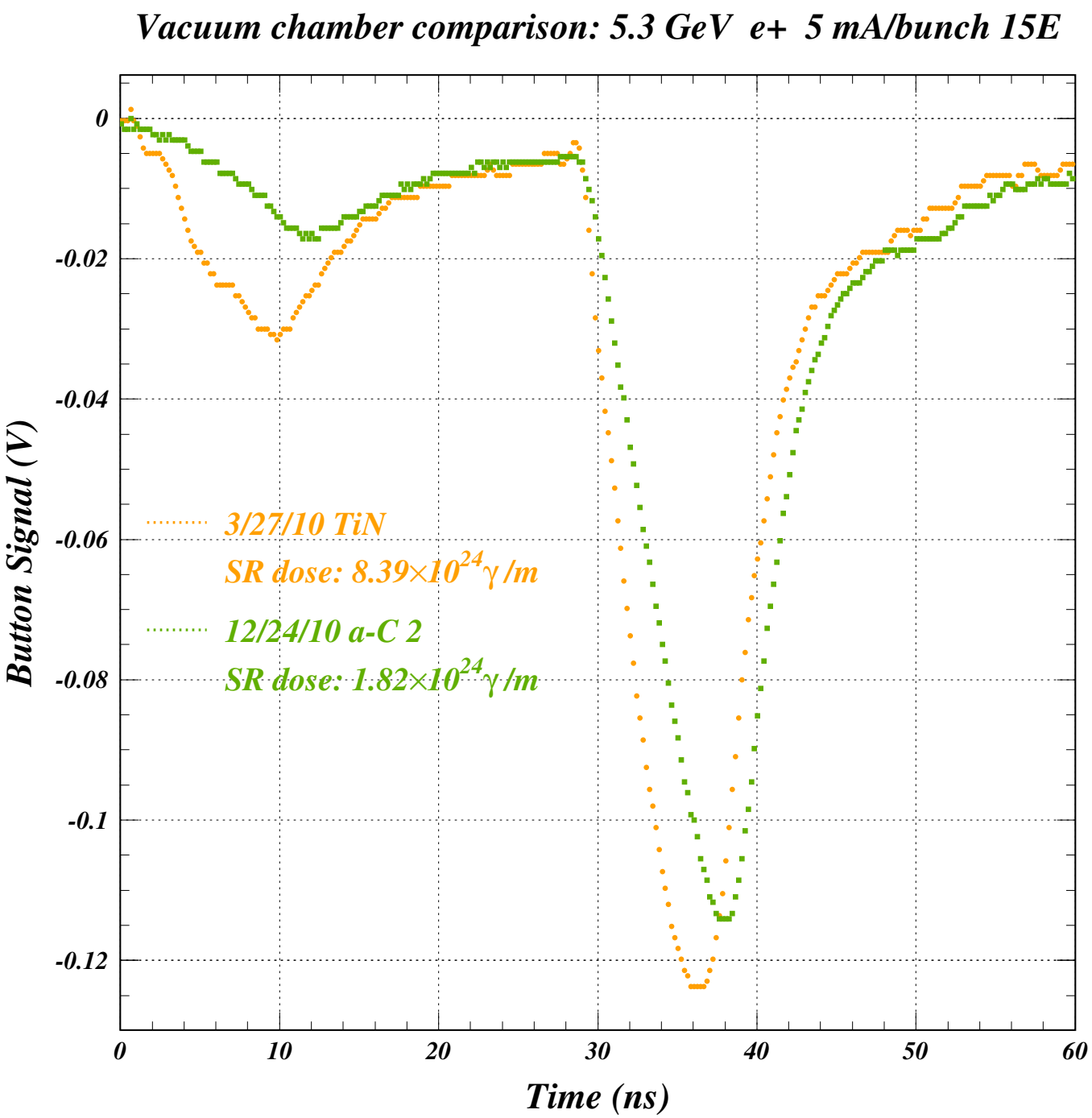
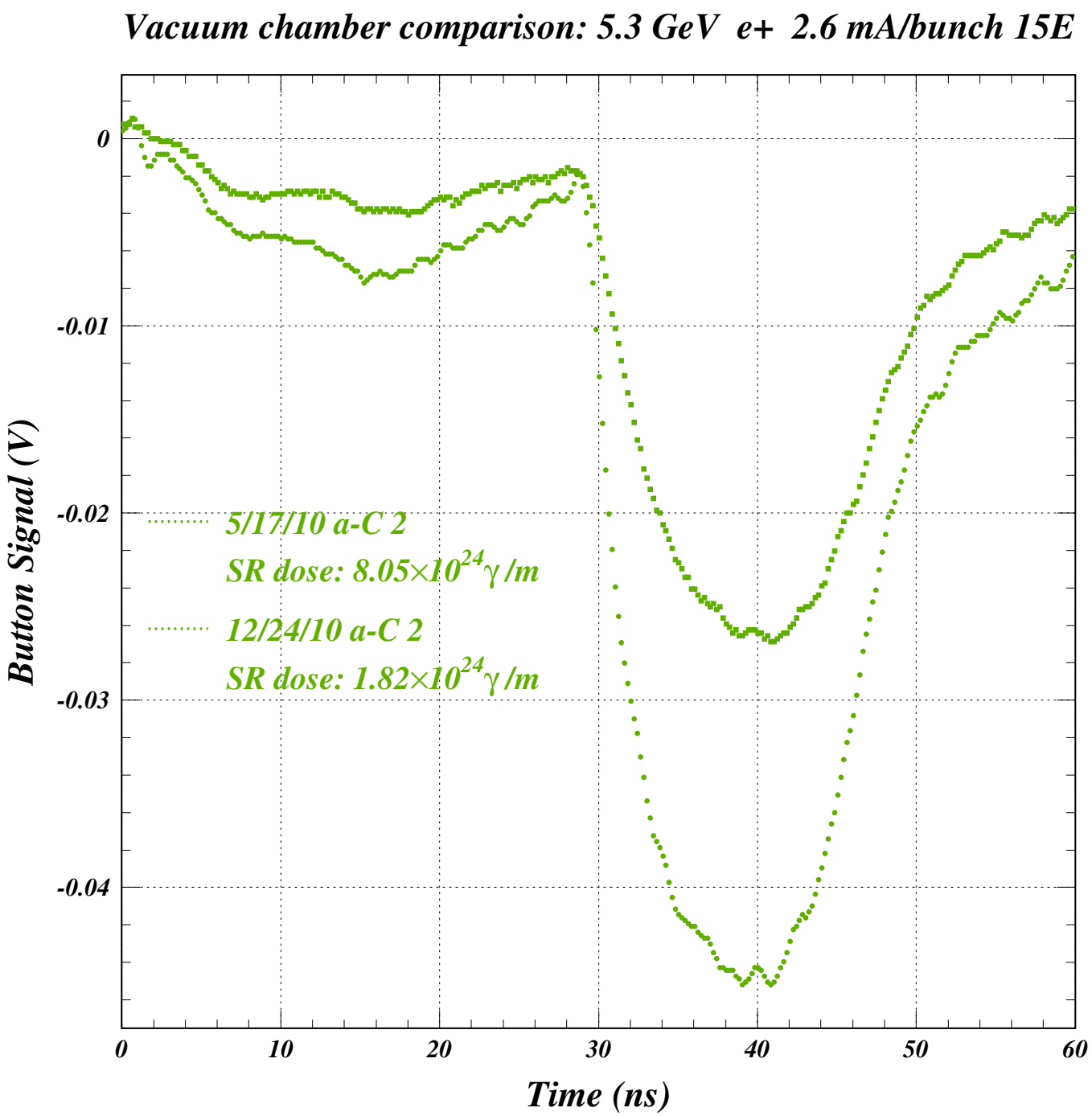
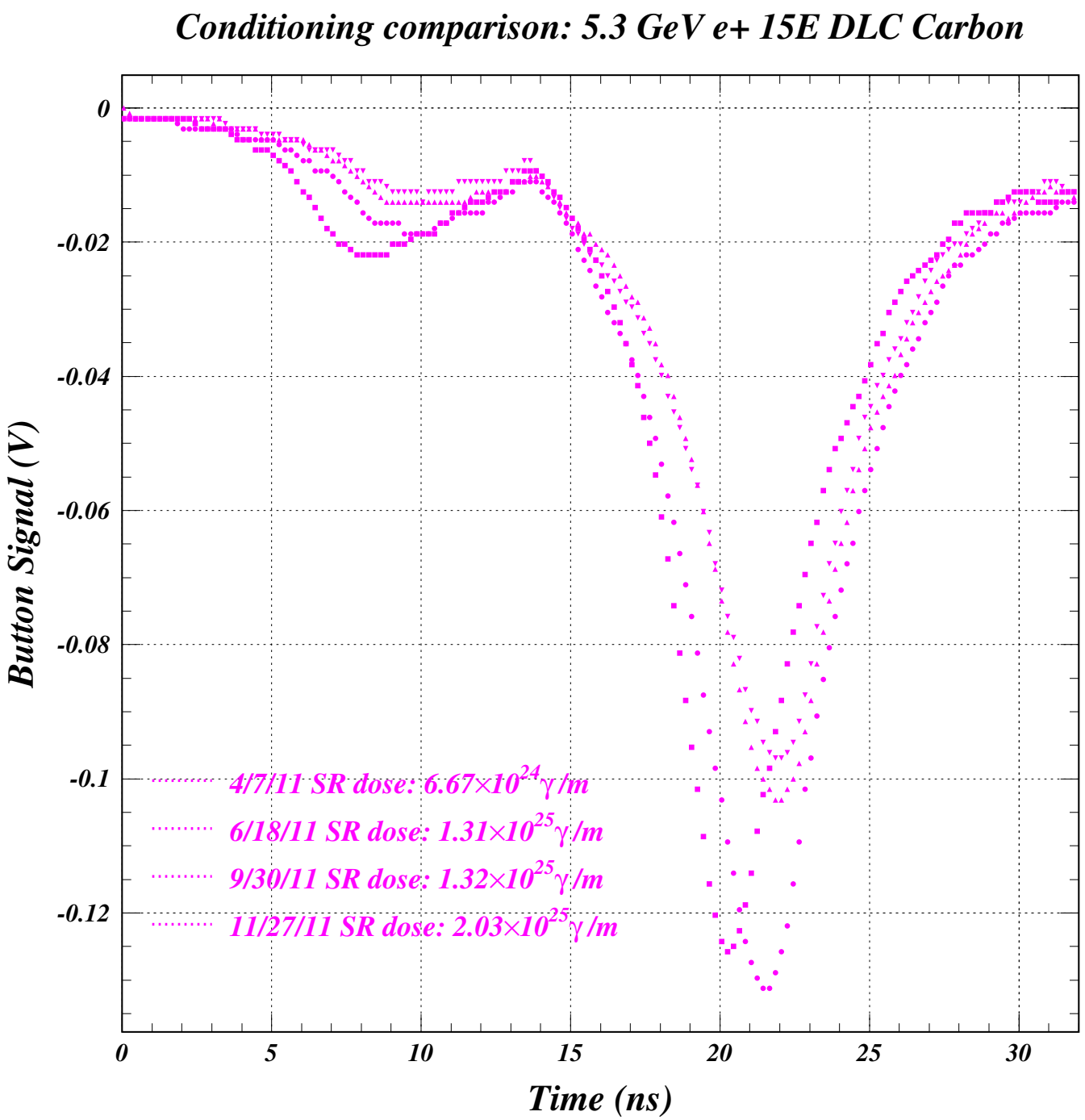
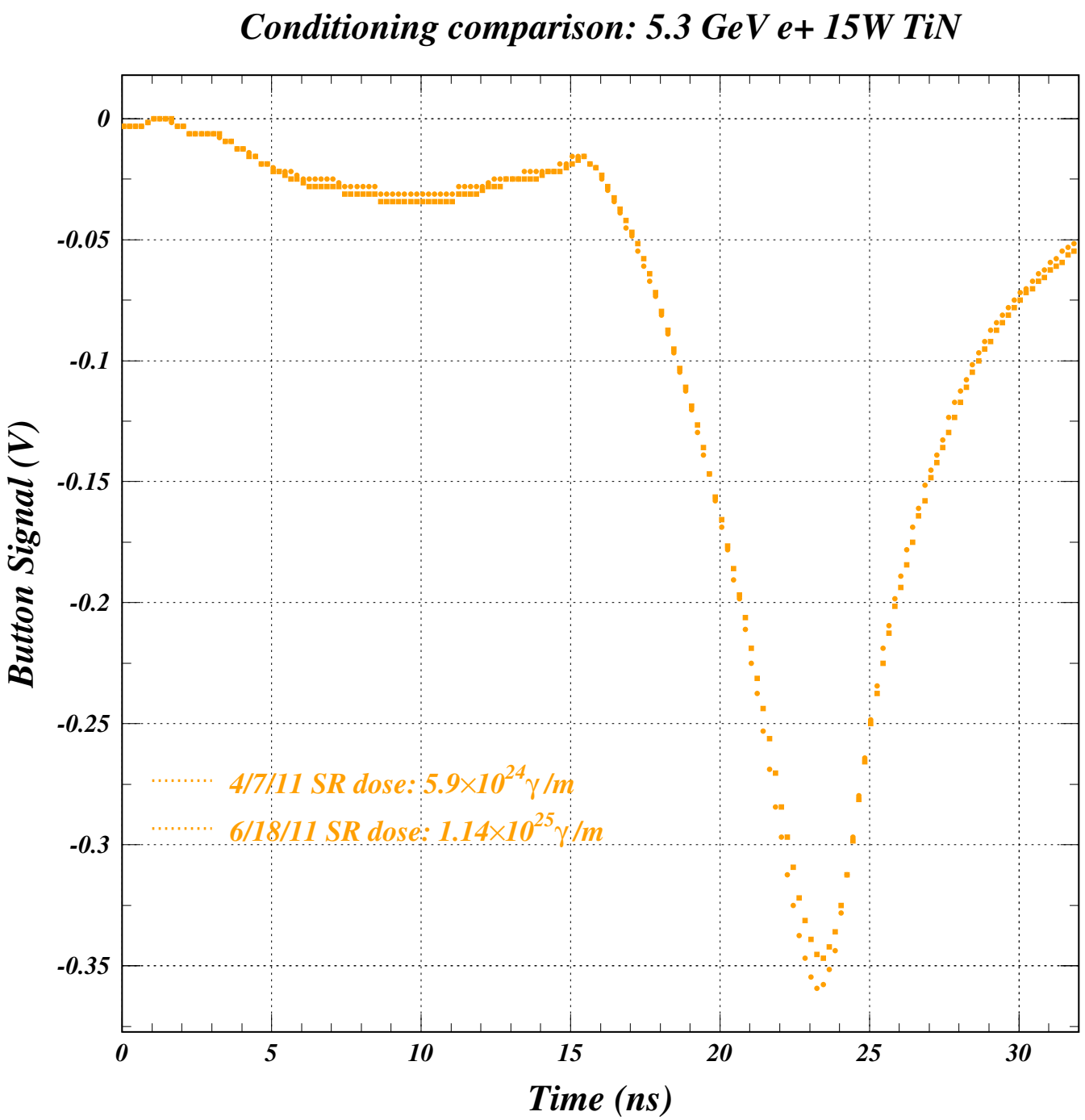

Vacuum chamber comparison: 5.3 GeV e+ 5 mA/bunch 15W
Button Signal (V)
Time (ns)
0
-0.025
-0.05
-0.075
-0.1
-0.125
-0.15
-0.175
-0.2
0
10
20
30
40
50
60
3/27/10 a-C 1
SR dose: 7.16×10^24 γ/m
12/24/10 TiN
SR dose: 8.1×10^24 γ/m


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: 7.09×10^24 γ/m
12/24/10 TiN
SR dose: 8.1×10^24 γ/m


Vacuum chamber comparison: 5.3 GeV e+ 5 mA/bunch 15E
Button Signal (V)
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
0
10
20
30
40
50
60
Time (ns)
3/27/10 TiN
SR dose: 8.39×10^24 γ /m
12/24/10 a-C 2
SR dose: 1.82×10^24 γ /m


Vacuum chamber comparison: 5.3 GeV e+ 2.6 mA/bunch 15E
0
-0.01
-0.02
-0.03
-0.04
Button Signal (V)
5/17/10 a-C 2
SR dose: 8.05×10^24 γ /m
12/24/10 a-C 2
SR dose: 1.82×10^24 γ /m
0
10
20
30
40
50
60
Time (ns)


Conditioning comparison: 5.3 GeV e+ 15E DLC Carbon
Button Signal (V)
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
0
5
10
15
20
25
30
Time (ns)
4/7/11 SR dose: 6.67×10^24 γ/m
6/18/11 SR dose: 1.31×10^25 γ/m
9/30/11 SR dose: 1.32×10^25 γ/m
11/27/11 SR dose: 2.03×10^25 γ/m


Conditioning comparison: 5.3 GeV e+ 15W TiN
Button Signal (V)
0
-0.05
-0.1
-0.15
-0.2
-0.25
-0.3
-0.35
0
5
10
15
20
25
30
Time (ns)
4/7/11 SR dose: 5.9×10^24 γ/m
6/18/11 SR dose: 1.14×10^25 γ/m