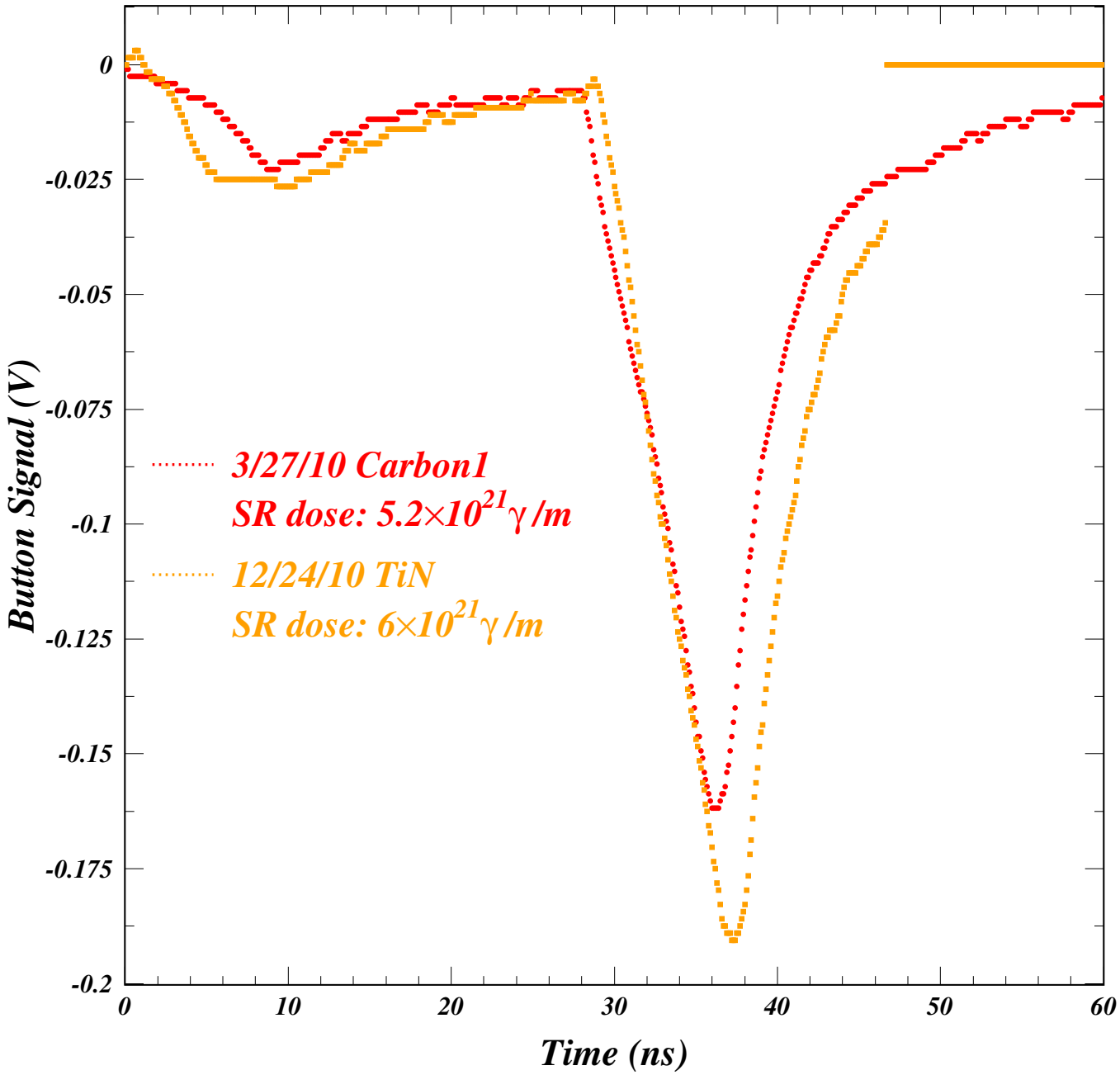
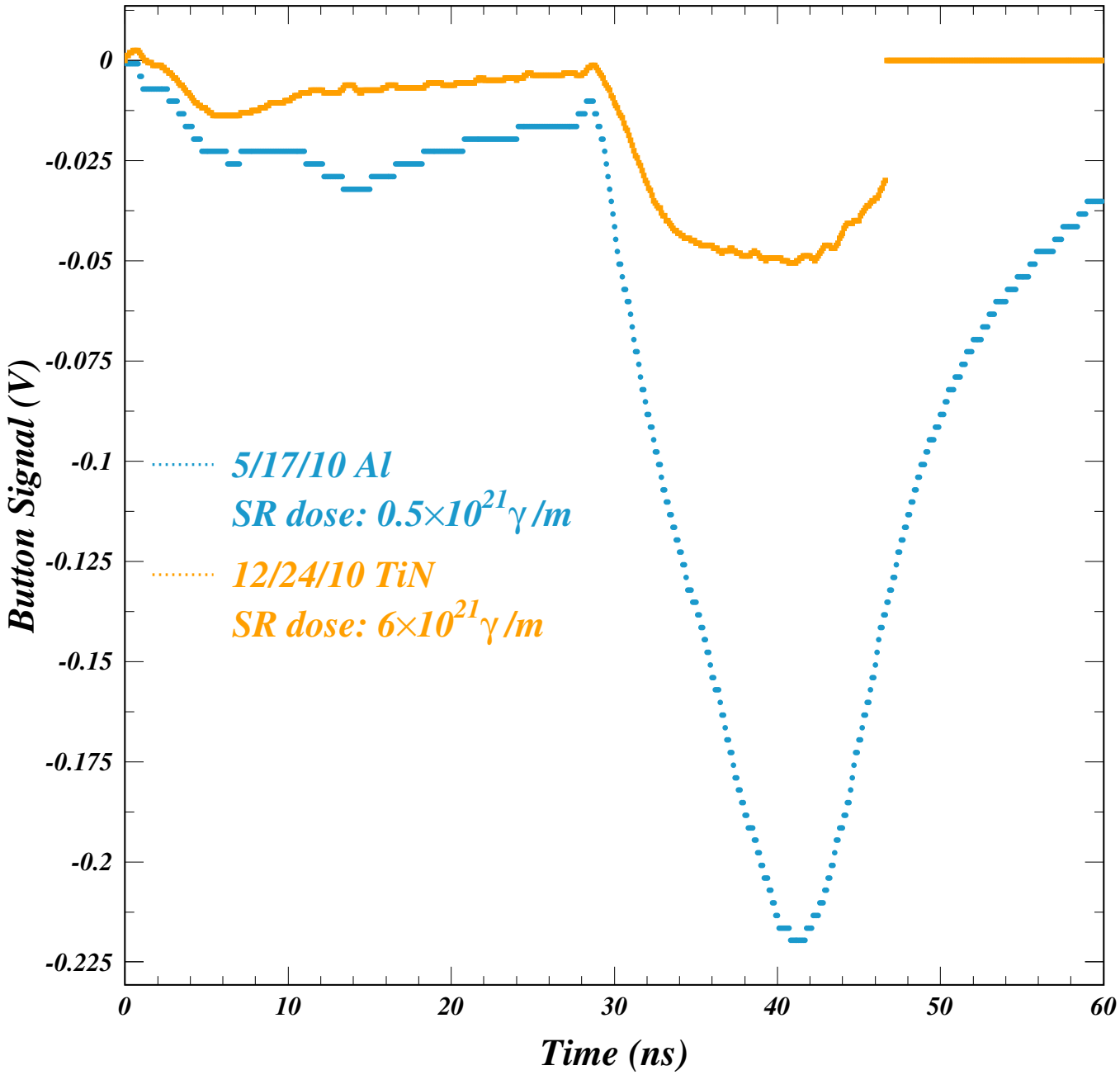
11/08/31 10.50

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



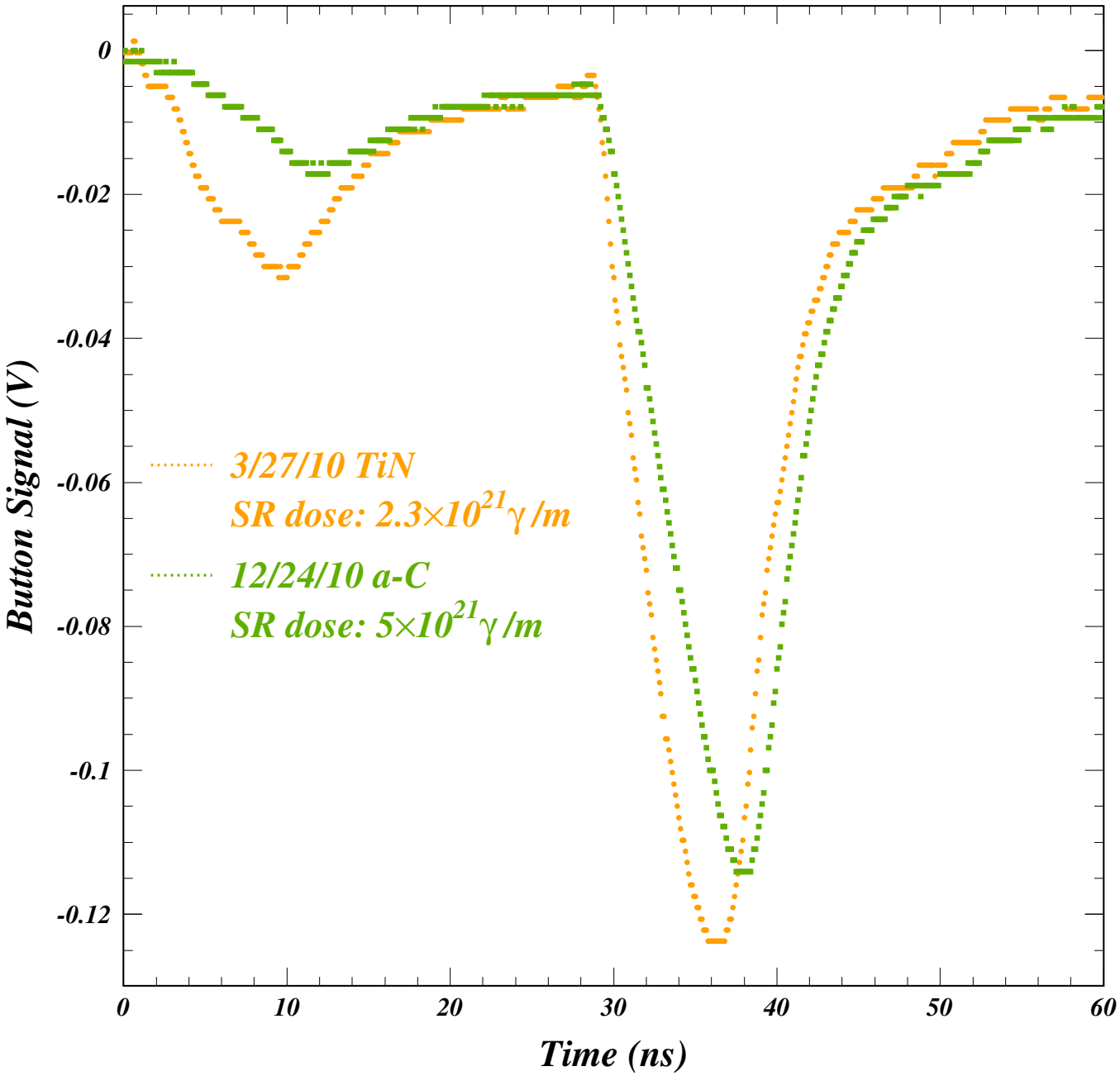
11/08/31 10.50

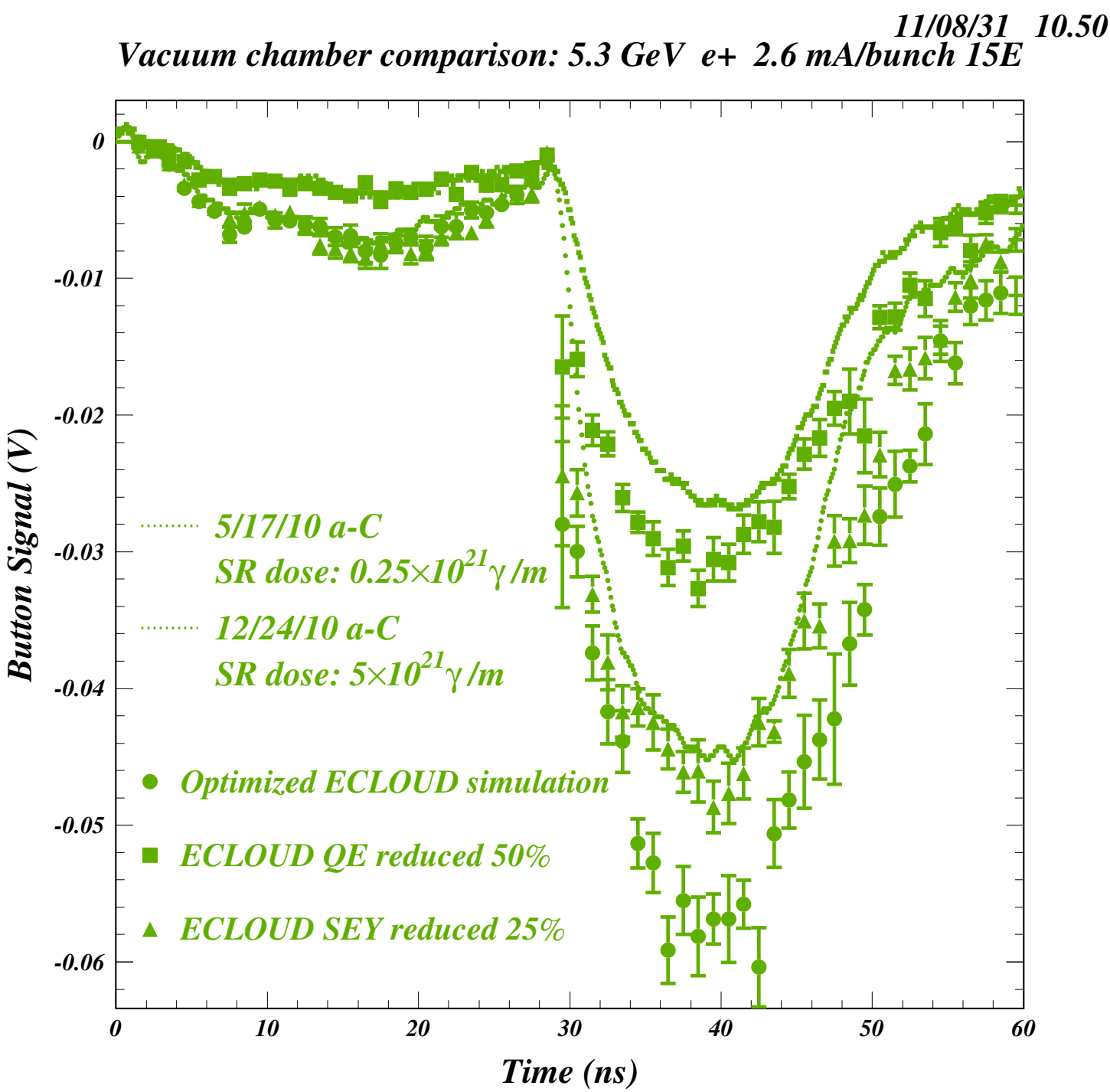
Vacuum chamber comparison: 5.3 GeV e+ 2.6 mA/bunch 15W



11/08/31 10.50

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




11/08/31 10.50
Vacuum chamber comparison: 5.3 GeV e+ 2.6 mA/bunch 15E
Button Signal (V)
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
0
10
20
30
40
50
60
Time (ns)
5/17/10 a-C
SR dose: 0.25×10^21 γ /m
12/24/10 a-C
SR dose: 5×10^21 γ /m
Optimized ECLOUD simulation
ECLOUD QE reduced 50%
ECLOUD SEY reduced 25%