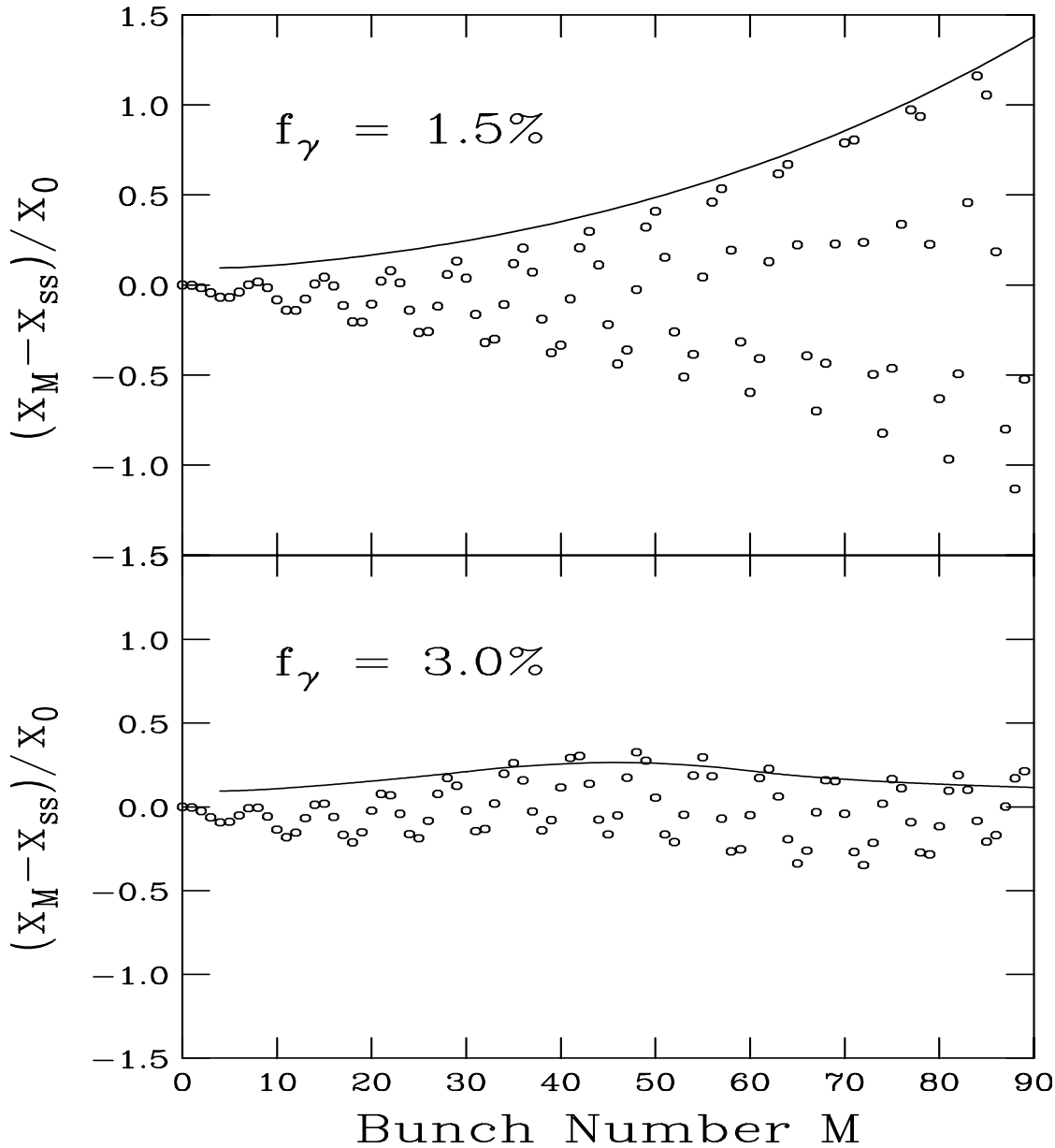
$f_\gamma = 1.5\%$
$f_\gamma = 3.0\%$
$(X_M - X_{ss})/X_0$
$(X_M - X_{ss})/X_0$
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
10
20
30
40
50
60
70
80
90
Bunch Number M