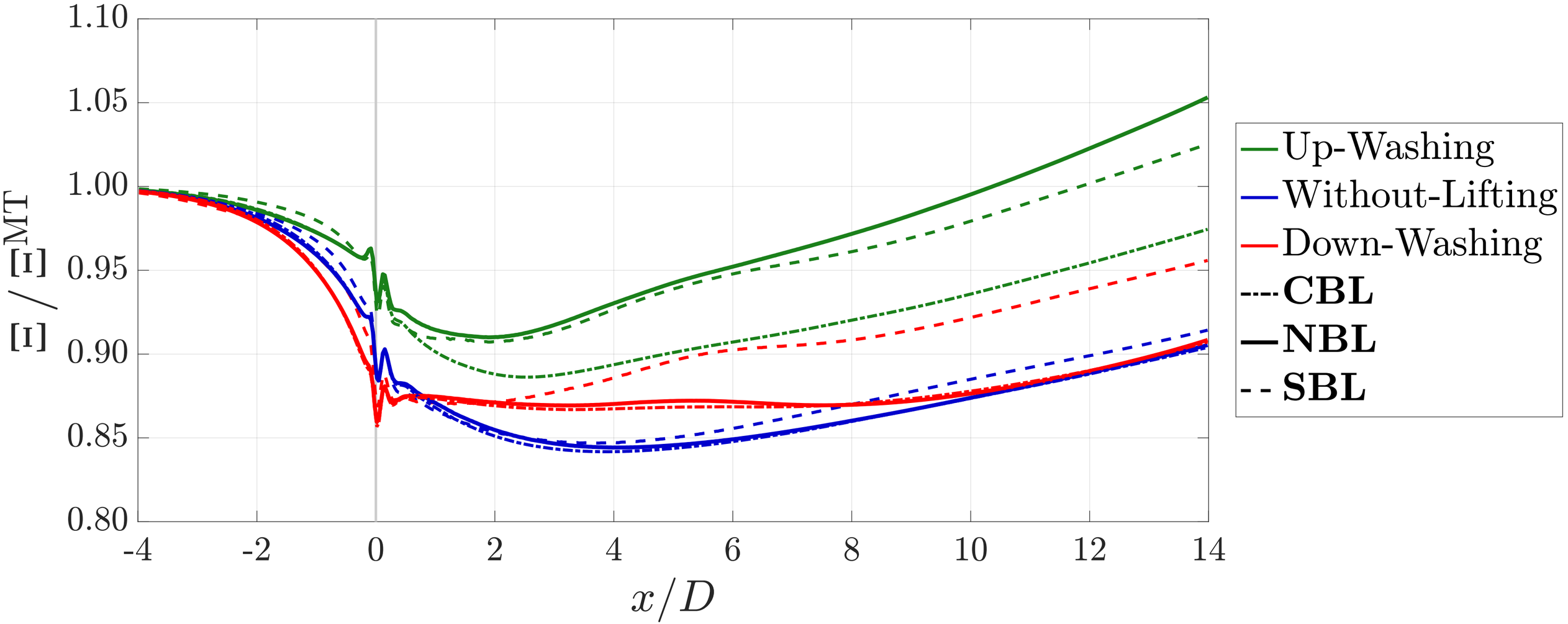

1.10
1.05
1.00
0.95
0.90
0.85
0.80
[I] / [I]MT
-4
-2
0
2
4
6
8
10
12
14
x/D
Up-Washing
Without-Lifting
Down-Washing
CBL
NBL
SBL