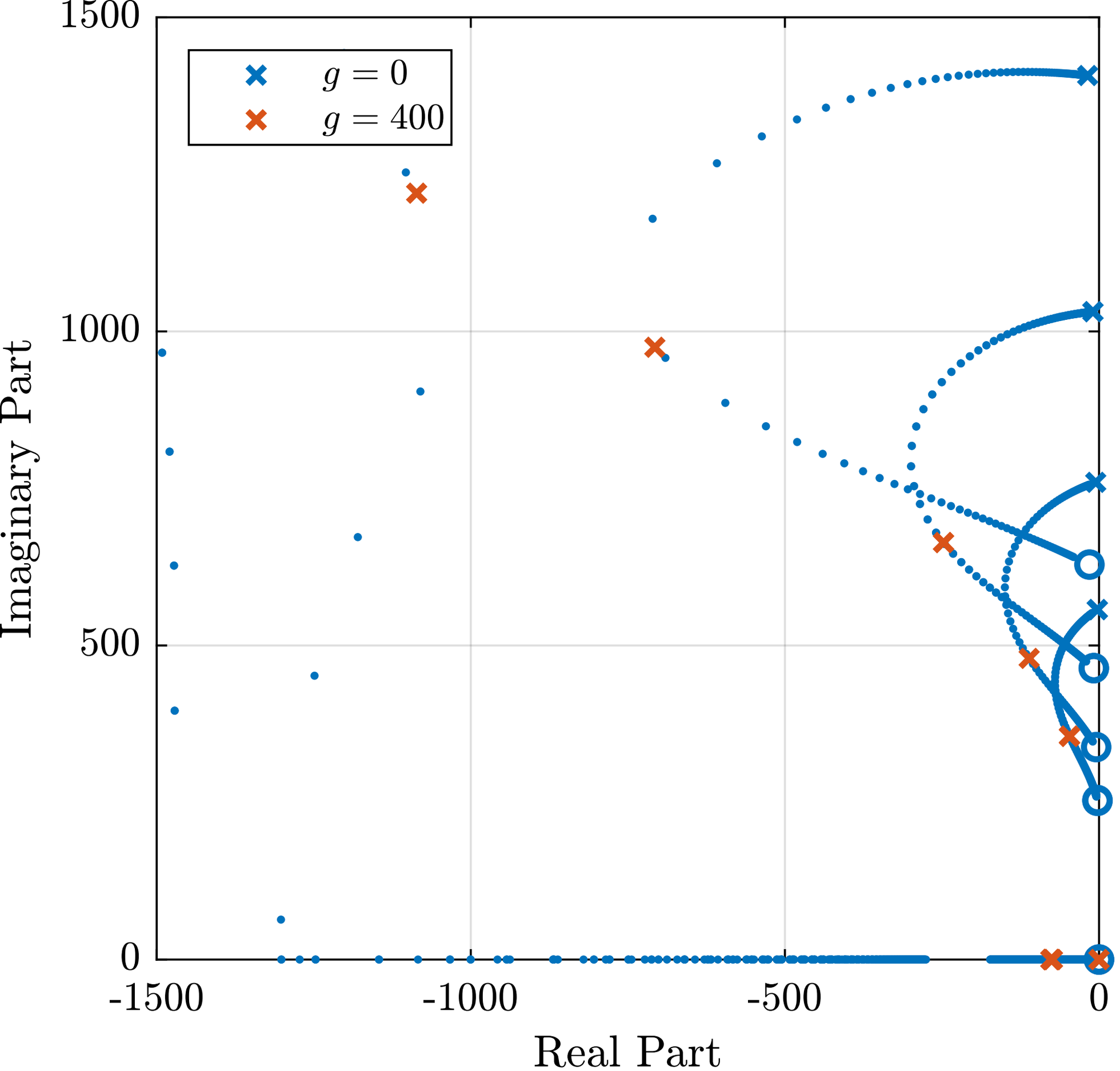
$g = 0$
$g = 400$
1500
1000
500
0
-1500
-1000
-500
0
Imaginary Part
Real Part