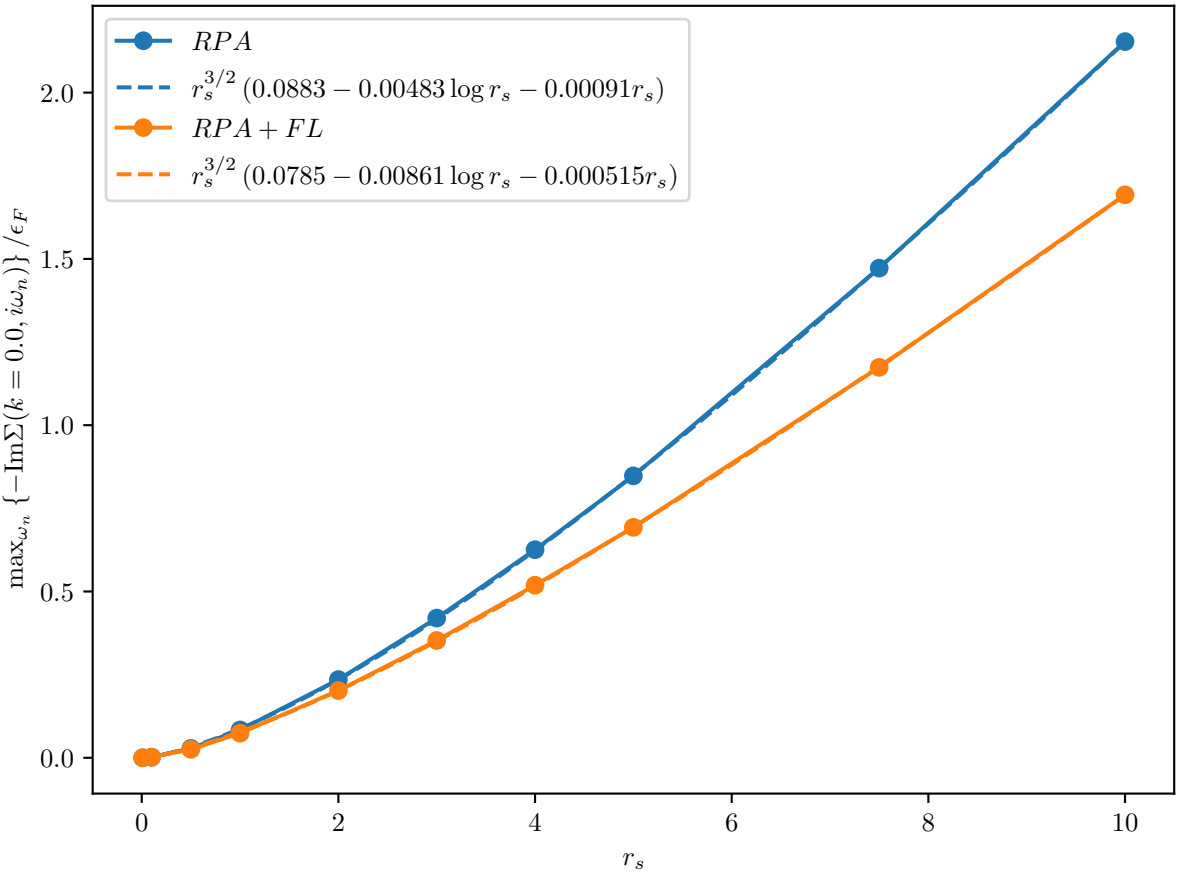
RPA
$r_s^{3/2}\,(0.0883 - 0.00483\log r_s - 0.00091 r_s)$
$RPA + FL$
$r_s^{3/2}\,(0.0785 - 0.00861\log r_s - 0.000515 r_s)$
$\max_{\omega_n}\{-\mathrm{Im}\Sigma(k=0.0, i\omega_n)\}/\epsilon_F$
r_s
0.0
0.5
1.0
1.5
2.0
0
2
4
6
8
10