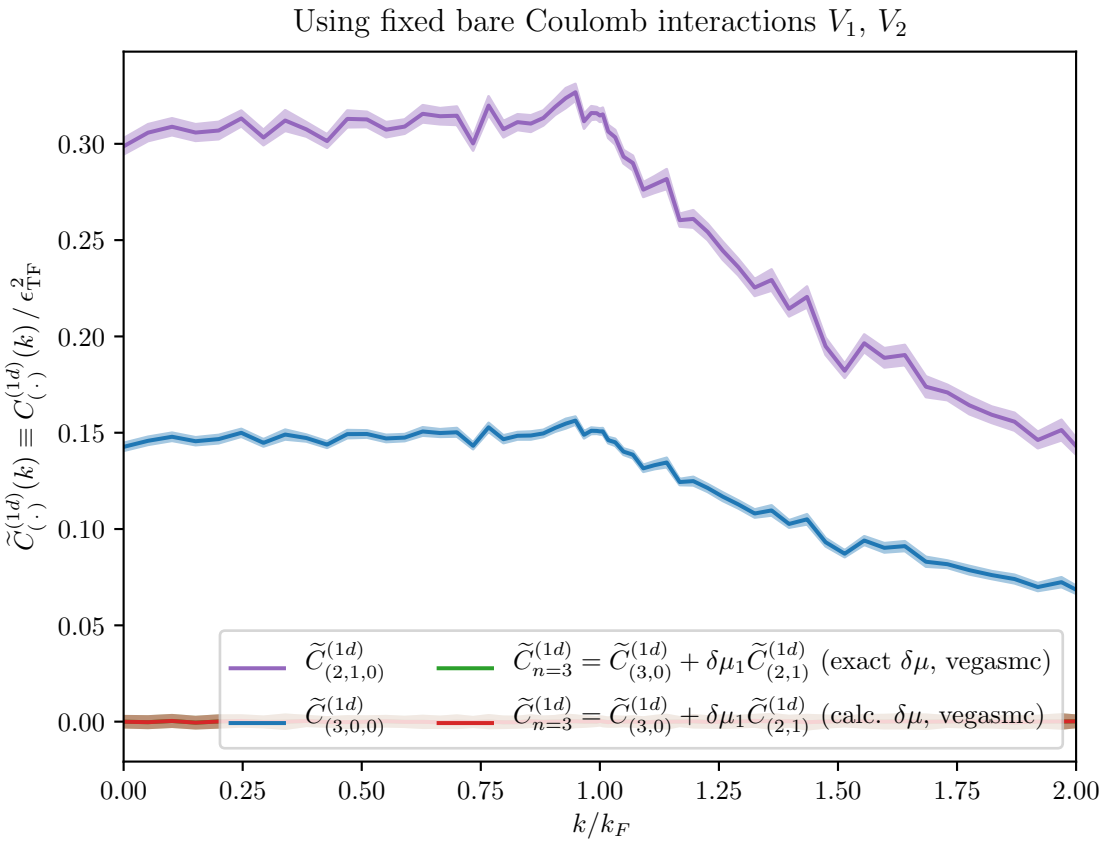
Using fixed bare Coulomb interactions V_1, V_2
$\widetilde{C}^{(1d)}_{(\cdot)}(k) \equiv C^{(1d)}_{(\cdot)}(k) \,/\, \epsilon^2_{\mathrm{TF}}$
k/k_F
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
$\widetilde{C}^{(1d)}_{(2,1,0)}$
$\widetilde{C}^{(1d)}_{(3,0,0)}$
$\widetilde{C}^{(1d)}_{n=3} = \widetilde{C}^{(1d)}_{(3,0)} + \delta\mu_1 \widetilde{C}^{(1d)}_{(2,1)}$ (exact $\delta\mu$, vegasmc)
$\widetilde{C}^{(1d)}_{n=3} = \widetilde{C}^{(1d)}_{(3,0)} + \delta\mu_1 \widetilde{C}^{(1d)}_{(2,1)}$ (calc. $\delta\mu$, vegasmc)