SRG-evolved momentum distributions
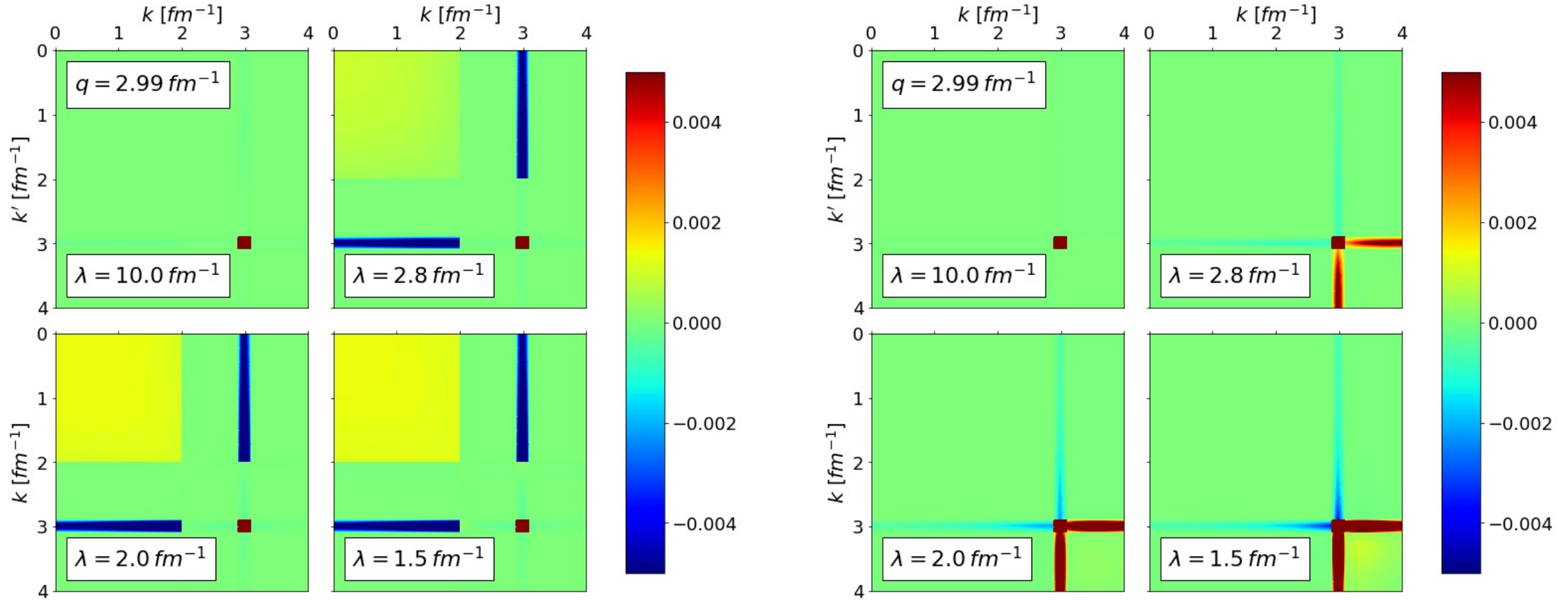

Figure: SRG block-diagonal evolution of the momentum distribution operator $\langle k | a_q^\dagger a_q | k' \rangle$ for $q \doteq 3$ fm^{-1} in the $^3S_1$ partial wave evolved from $\lambda = 10$ to 1.5 fm^{-1}, with a semi-local chiral NN potential (Reinert et al., 2018). Split low- and high-momenta sub-blocks at 2 (left) and 3 (right) fm^{-1}.
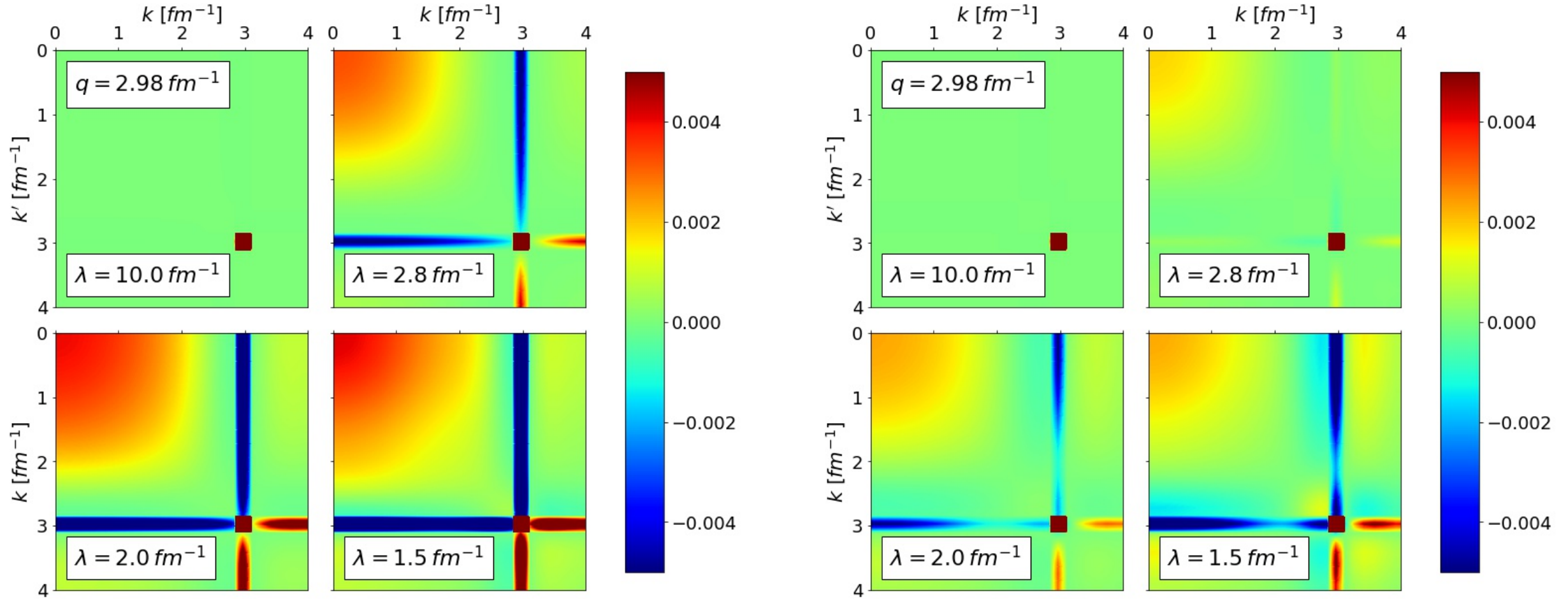
SRG-evolved momentum distributions

Figure: SRG evolution of the momentum distribution operator $\langle k | a_q^\dagger a_q | k' \rangle$ for $q \doteq 3$ fm^{-1} in the $^3S_1$ partial wave evolved from $\lambda = 10$ to 1.5 fm^{-1}, with a local chiral NN potential where $R_0 = 1.0$ (left) and 1.2 (right) fm (Gezerlis et al., 2014).