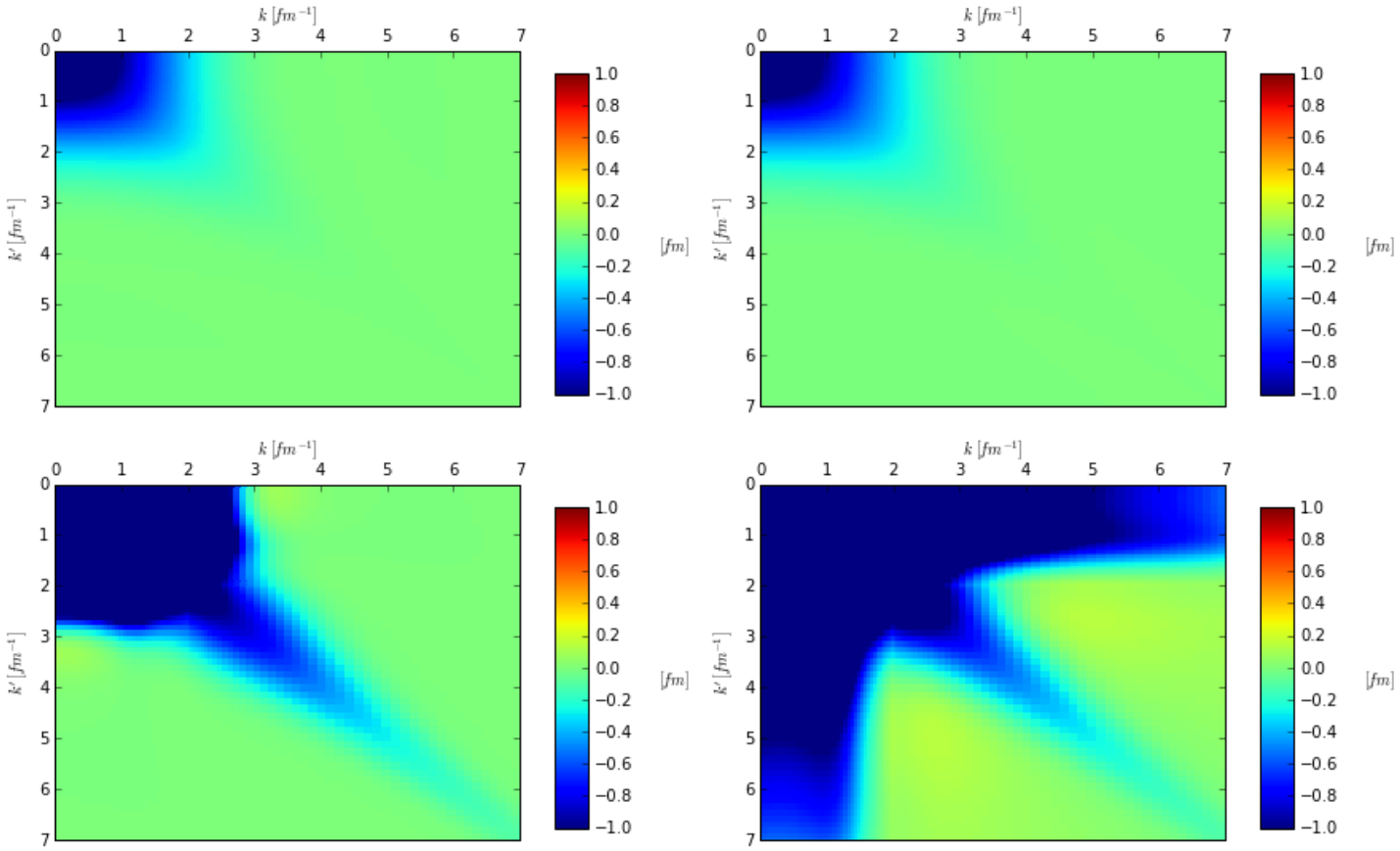
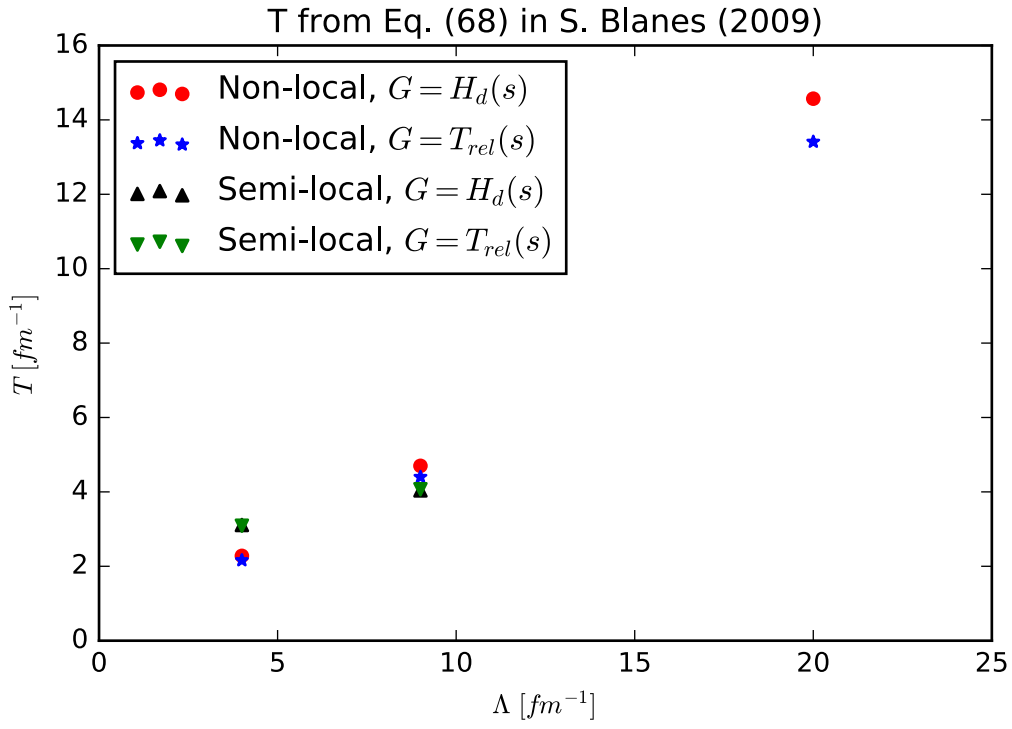
Semi-local $V(s)$

SRG (LEFT) and Magnus with SRG $\eta(s)$ (RIGHT) at $\lambda = 2.8\ fm^{-1}$ for $\Lambda = 3$ (TOP), 4 (BOTTOM) fm^{-1}





$T = \max\{s \geq 0: \int_0^s \|\eta(s')\|\, ds' < \pi\}$ equation (68) or Theorem 9 in https://arxiv.org/pdf/0810.5488.pdf. T is rescaled to λ value. T represents the maximum value that the Magnus expansion is valid up to (i.e., it is safe to evolve from s=0 to s=T).