Momentum distribution, $U = 4.25$, $\beta = 50$, 3D cubic lattice $t = \frac{1}{\sqrt{12}}$

$n(\vec{k}) = \langle c_k^\dagger c_k \rangle_\beta$

k_1 ($k_2 = 0.5\pi$, $k_3 = 0.5\pi$)

— computed distrib. @ U
-- non-int. distrib. (Fermi sea)