$\zeta H^{\wedge}_{non-local} \quad ; \zeta = 1.0000 \quad ; \quad c_{radius} \in [0.1000, 0.1000]$

$A = 9 ; L = 9.0 ; r(A) = 30.98$
$A = 9 ; L = 3.0 ; r(A) = 30.98$
$A = 6 ; L = 9.0 ; r(A) = 19.36$
$A = 6 ; L = 3.0 ; r(A) = 19.36$

E_0 [MeV]

ω [fm^{-2}]