TABLE I: Ground state energies E_{gs} of ^{6}Li with AV4′ (extended Coulomb force included) and MN potentials (no Coulomb force included) as function of grand angular momentum quantum number K_{max} (EIHH) or oscillator quanta N_{max} (NCSM).

K_{max}	E_{gs}(AV4′) [MeV]	E_{gs}(MN) [MeV]	N_{max}	E_{gs}(AV4′) [MeV]	E_{gs}(MN) [MeV]
6	-36.354	-37.062	8	-36.18	-36.09
8	-36.450	-36.848	10	-36.50	-36.32
10	-36.519	-36.716	12	-36.66	-36.43
12	-36.475	-36.672	14	-36.74	-36.48
14	-36.441	-36.643	16	-36.78	-36.50

GFMC (AV4′) : −35.81 (3) MeV

SVM (MN) : −36.51 MeV