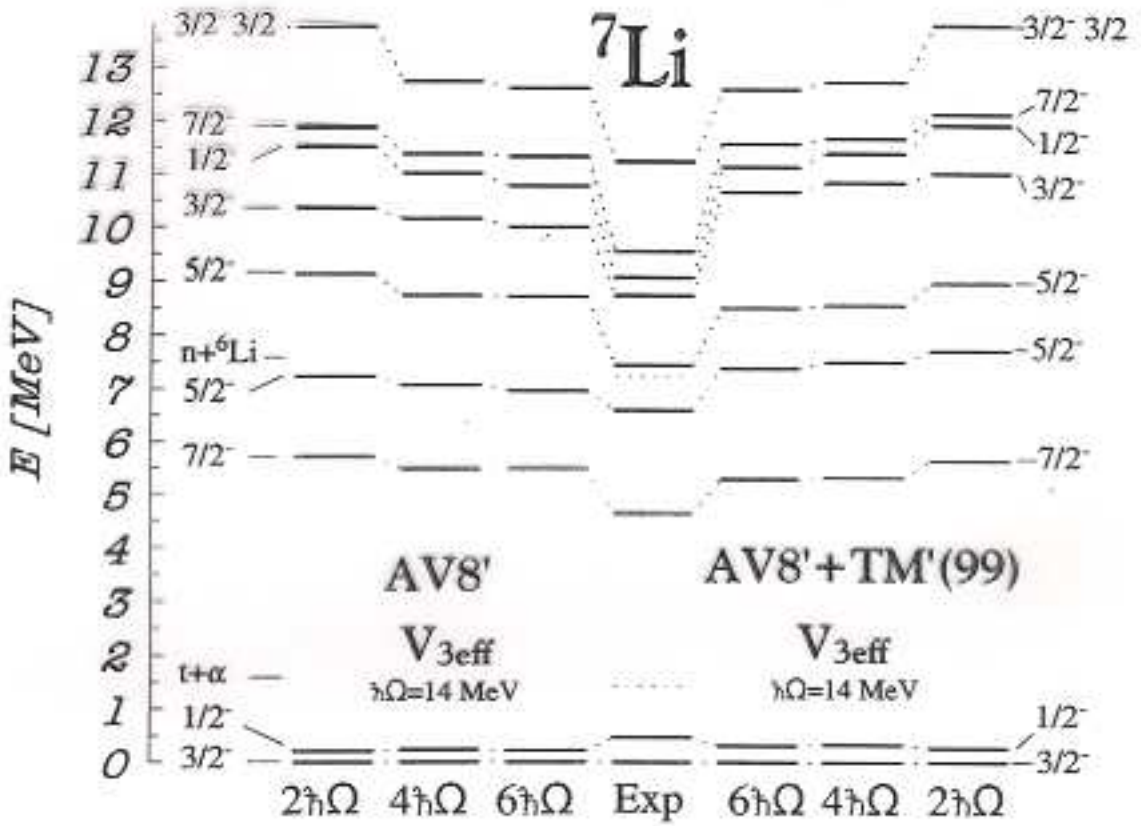

FIG. 2: Calculated negative-parity excitation spectra of ^{7}Li obtained in $2\hbar\Omega$-$6\hbar\Omega$ basis spaces using three-body effective interactions derived from AV8′ NN potential and AV8′ NN potential plus TM′(99) three-nucleon interaction, respectively, are compared to experiment. The HO frequency of $\hbar\Omega = 14$ MeV was used. The experimental values are from Ref. [22].

P. Navratil, W. Ormand, PRC 68, 034305 (2003)