



- $\text{---}\text{---}\text{---}$ neutron pair halo
- \bullet particle-vibration coupling vertex
- \odot particle-pair vibration coupling vertex
- v_{np} proton-neutron int.
- $\text{---}\text{---}\text{---}$ recoil mode
- \uparrow neutron
- \blacktriangle proton
- $\left. \begin{array}{l} \uparrow \\ \blacktriangle \end{array} \right\} \text{bound}$
- $1 \lesssim$ ^9Li core quadr. vibr. mode
- $2 \lesssim$ ^{11}Li giant dipole pygmy resonance mode
- \equiv particle-recoil mode coupling vertex
- $\text{---}\text{---}\text{---}$ deuteron continuum
- \uparrow proton continuum