



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