



∦ neutron pair halo

- particle-vibration coupling vertex
- particle-pair vibration coupling vertex v_{np} proton-neutron int.

recoil mode

- neutron bound proton ⁹Li core quadr. vibr. mode
- $^{1-\buildrel 1}$ $^{11}\mathrm{Li}$ giant dipole pygmy resonance mode
- particle-recoil mode coupling vertex (PRCV)

deuteron continuum proton continuum monopole interaction