GDR
100%   40 90%
^{8}He ^{11}Li
^{9}Li
E [MeV]
2^+
Pigmy (Dipole)
Resonance
10%
gs

accelerator
t
detector
2^+
1^-
vibrations
2^+ 1^-
2^+ 1^-
1^-
Pigmy
^{10}Li ^{11}Li

E [MeV]
$s_{1/2}$ $1/2^-$
$1/2^+$
$p_{3/2}$

E [MeV]
$s_{1/2}$
$^1S_0$ $|gs\rangle$

Bootstrap pairing correlations