Energy bands nu=2 as function of U with self-energy alpha 1 0K+ ↓ 1K⁺ ↓ -2K⁺ ↓ 40 2K⁺ ↓ 0K- ↑ 20 1K⁻ ↓ Energy bands(meV) -2K⁻↓ 2K⁻ ↓ 0 0K⁺ ↑ 1K⁺ ↑ -2K⁺ ↑ -202K⁺ ↑ 0K-1 1K⁻ ↑ -40-2K⁻ ↑ 2K⁻ ↑ Fermi energy -60U(meV)