Energy bands nu=0 as function of U with self-energy alpha 1 60 -0K⁺ ↓ 1K⁺ ↓ -2K⁺ ↓ 40 2K⁺ ↓ 0K- ↑ 1K⁻↓ Energy bands(meV) 20 -2K⁻↓ 2K-1 0K⁺ ↑ 1K⁺ ↑ 0 -2K⁺ ↑ 2K⁺ ↑ 0K⁻ ↑ -201K⁻ ↑ -2K⁻ ↑ 2K⁻ ↑ -40Fermi energy 1.5 2.0 3.0 3.5 4.0 1.0 2.5 U(meV)