Energy bands nu=4 as function of U with self-energy alpha 1 60 -0K+ ↓ 1K⁺ ↓ -2K⁺ ↓ 40 2K⁺ ↓ 0K_ ↑ 20 1K⁻ ↓ Energy bands(meV) -2K⁻↓ 2K⁻ ↓ 0 0K⁺ ↑ 1K⁺ ↑ -2K⁺ ↑ -20 2K⁺ ↑ 0K⁻ ↑ 1K⁻ ↑ -40-2K⁻ ↑ 2K⁻ ↑ Fermi energy -6010 20 30 40 U(meV)