Energy bands nu=4 as function of U with self-energy alpha 1 0K+ ↓ 1K⁺ ↓ 40 -2K⁺ ↓ 2K⁺ ↓ 0K- ↑ 20 1K⁻↓ Energy bands(meV) -2K⁻↓ 2K⁻ ↓ 0 0K⁺ ↑ 1K⁺ ↑ -2K⁺ ↑ **-**20 2K⁺ ↑ 0K⁻ ↑ 1K⁻ ↑ -40-2K⁻ ↑ 2K⁻ ↑ Fermi energy -6025 20 21 22 23 24 U(meV)