Energy bands nu=0 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 -60

-10

U(meV)

10

-20

-30