Energy bands nu=-6 as function of U with self-energy alpha 1 0K⁺ ↓ 1K⁺ ↓ 60 -2K⁺ ↓ 2K⁺ ↓ 40 0K_ ↑ 1K⁻ ↓ -2K⁻↓ 20 2K⁻ ↓ 0K⁺ ↑ 0 1K⁺ ↑ -2K+ ↑ -20 2K⁺ ↑ 0K⁻ ↑ 1K⁻ ↑ -40-2K⁻ ↑ 2K⁻ ↑ -60Fermi energy

20

U(meV)

40

60

80

Energy bands(meV)

-20