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

Fermi energy

50

45

Energy bands(meV)

-60

10

15

20

25

30

U(meV)

35

40