Energy bands nu=4 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⁻ ↑ 2K⁻ ↑ -60Fermi energy

20

U(meV)

40

60

Energy bands(meV)

-20