Energy bands nu=-4 as function of U with self-energy alpha 1 0K+_↓ 60 1K⁺ ↓ -2K⁺ ↓ 2K⁺ ↓ 40 0K_ ↑ 1K⁻ ↓ 20 -2K⁻↓ 2K⁻ ↓ 0K⁺ ↑ 0 1K⁺ ↑ -2K⁺ ↑ -20 2K+ 1 0K-1 1K⁻ ↑ -40-2K⁻ ↑ 2K⁻ ↑ -60Fermi energy

20

U(meV)

40

60

80

Energy bands(meV)

-20