Energy bands nu=-3 as function of U 60 -0K⁺ ↓ 1K⁺ ↓ -2K⁺ ↓ 40 2K⁺ ↓ 0K- ↑ 1K⁻ ↓ Energy bands(meV) 20 --2K⁻↓ 2K-1 0K⁺ ↑ 0 -1K⁺ ↑ -2K⁺ ↑ 2K⁺ ↑ -200K⁻ ↑ 1K⁻ ↑ -2K⁻ ↑ -40alpha int H: 1 2K⁻ ↑ alpha_rand_full_range: 0.3 alpha_reg: 1 Fermi energy apha H asym small u: 1 asym: 1__ itmax full range: 100000 uperp meV: -3.2 0.0 meV: 14.0 2.0 1.0 1.5 U(meV)