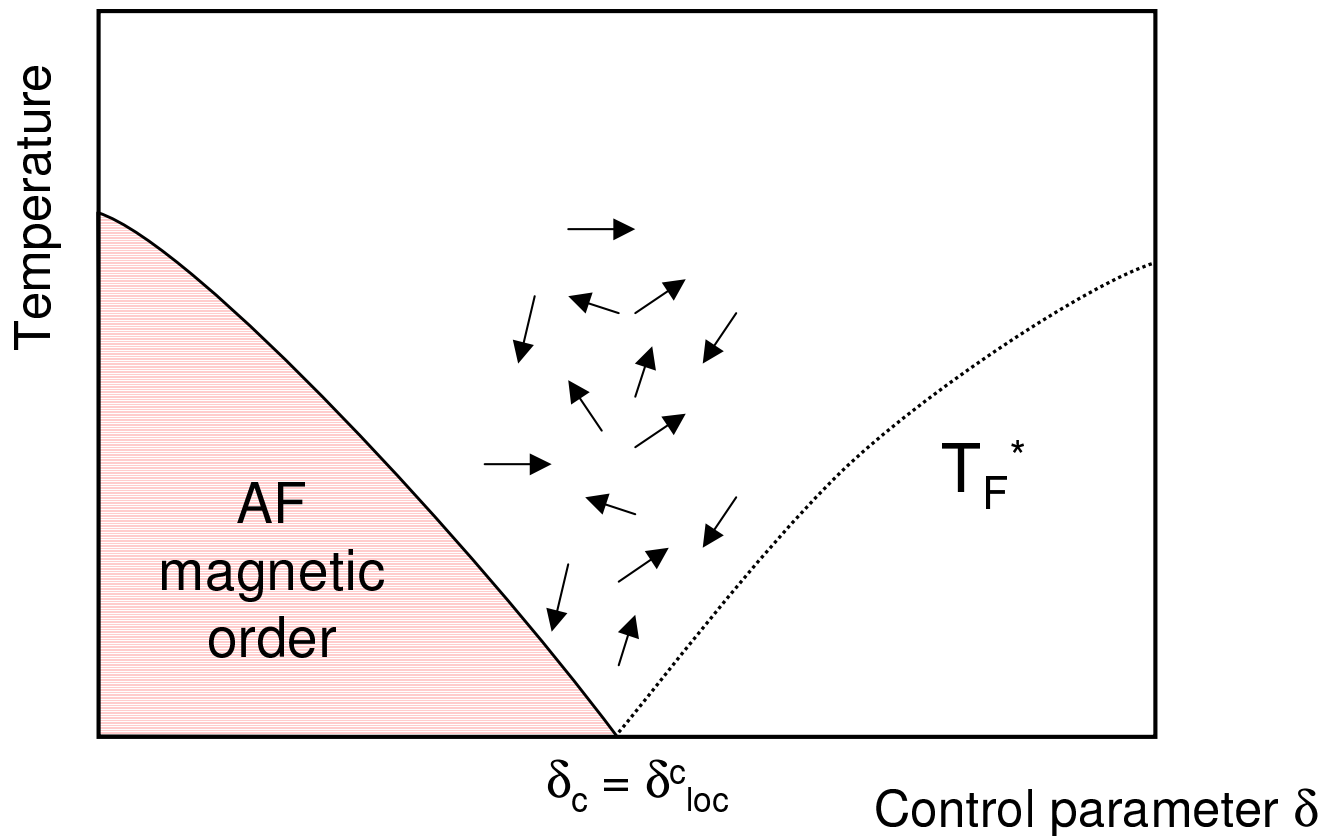


Locally-Critical Scenario



- $\text{CeCu}_{6-x}\text{Au}_x$ A. Schröder et al. [Nature 407](#), 351 (2000)

Anomalous E/T dependence of $\chi(\mathbf{q}, E, T)$

$\Rightarrow$ E/T scaling at x_c

$\Rightarrow$ Non-Curie-Weiss susceptibility: $\chi^{-1} \propto \Theta + aT^\alpha$, $\alpha < 1$

Dynamics at atomic length scale are critical

- Theoretical approach:

R. Ramazashvili, P. Coleman et al. [Nature 407](#), 351 (2000)

Q. Si et al. [Nature 413](#), 804 (2001)