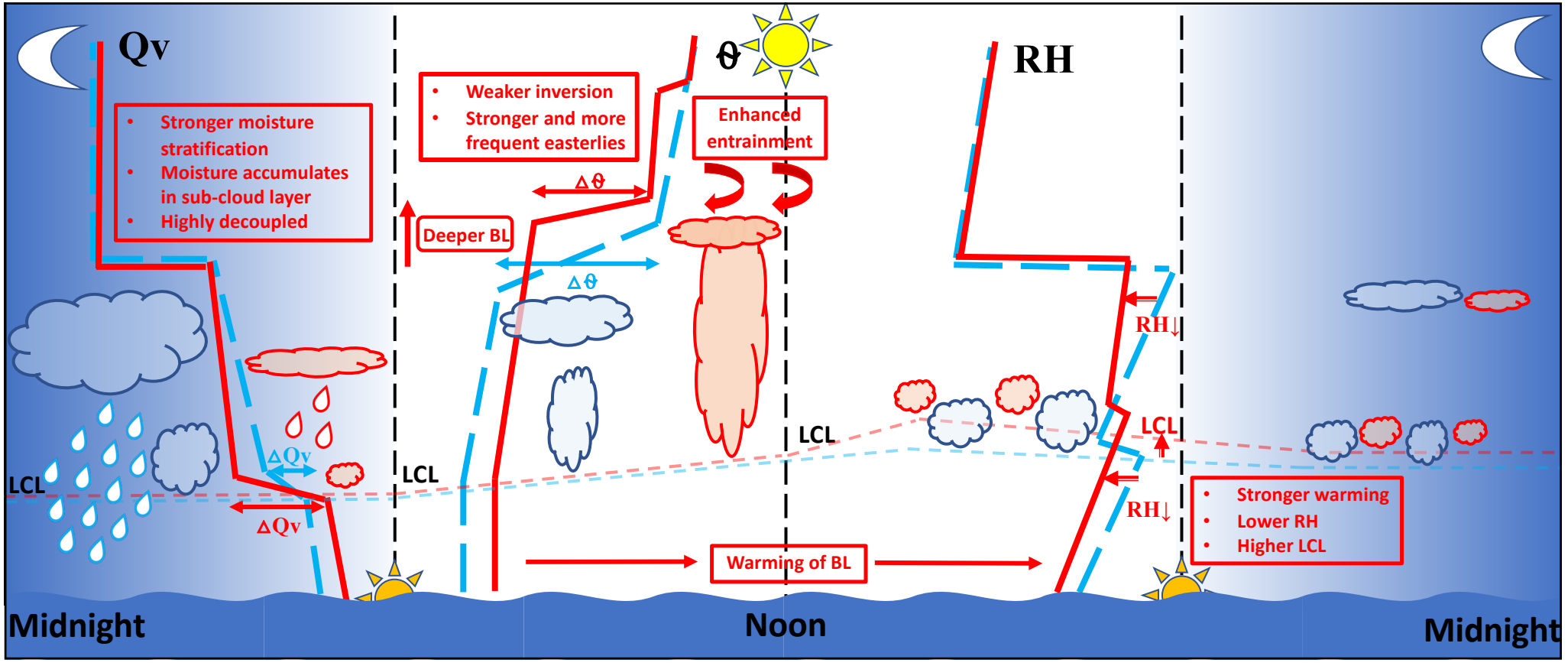
Qv
Stronger moisture stratification
Moisture accumulates in sub-cloud layer
Highly decoupled
LCL
ΔQv
ΔQv
Weaker inversion
Stronger and more frequent easterlies
Deeper BL
Δθ
Δθ
LCL
θ
Enhanced entrainment
LCL
Warming of BL
RH
RH↓
RH↓
LCL
Stronger warming
Lower RH
Higher LCL
Midnight
Noon
Midnight