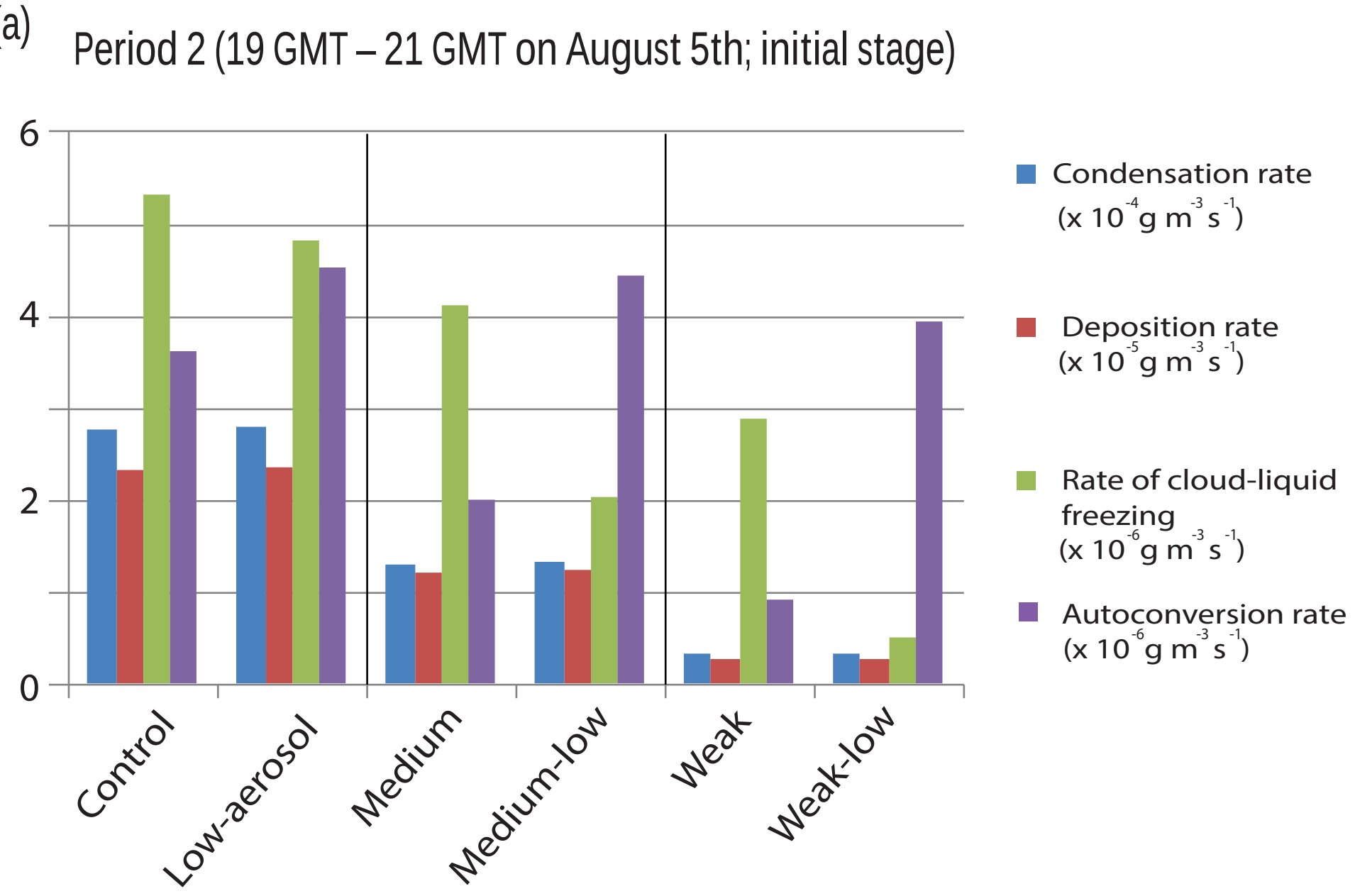
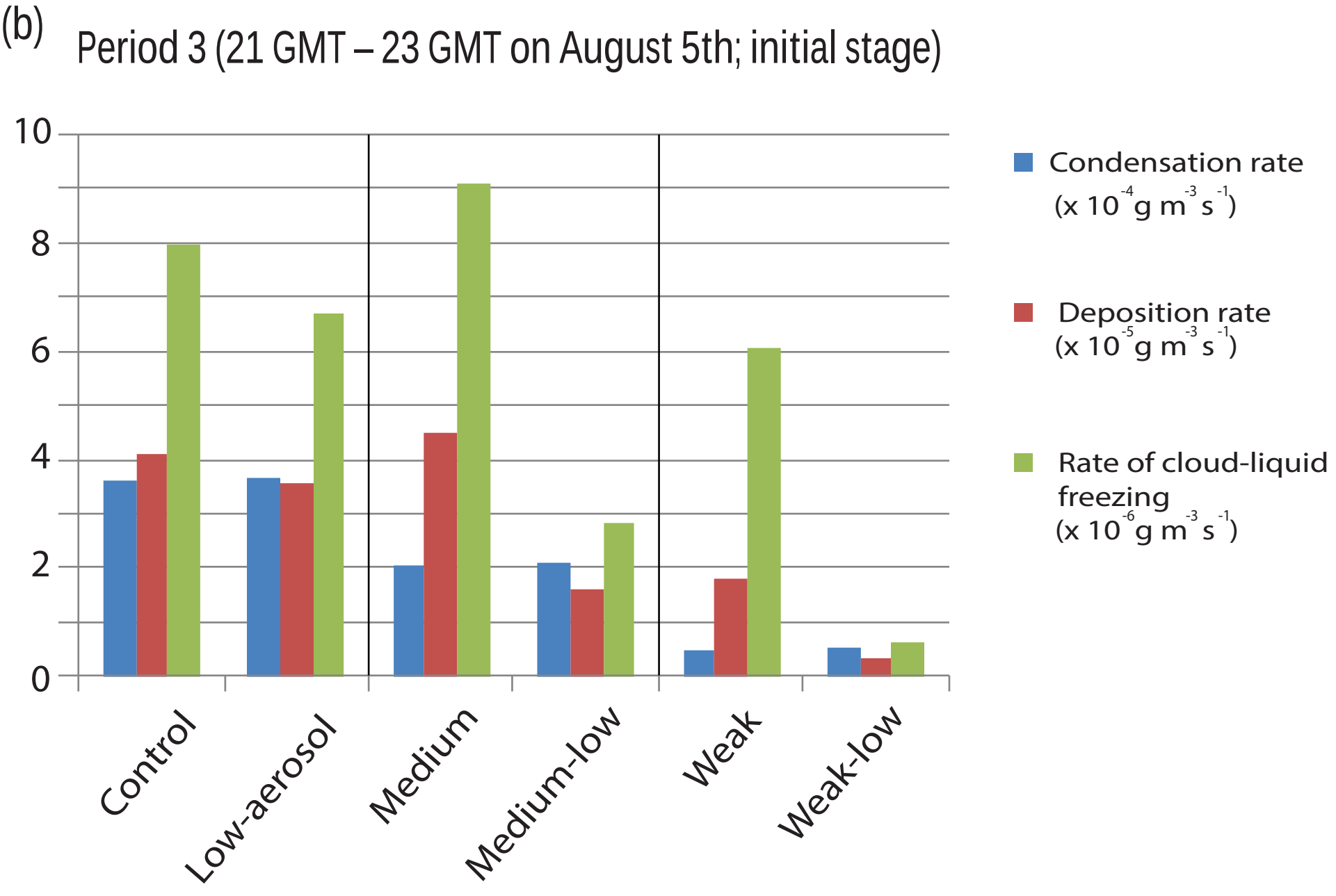
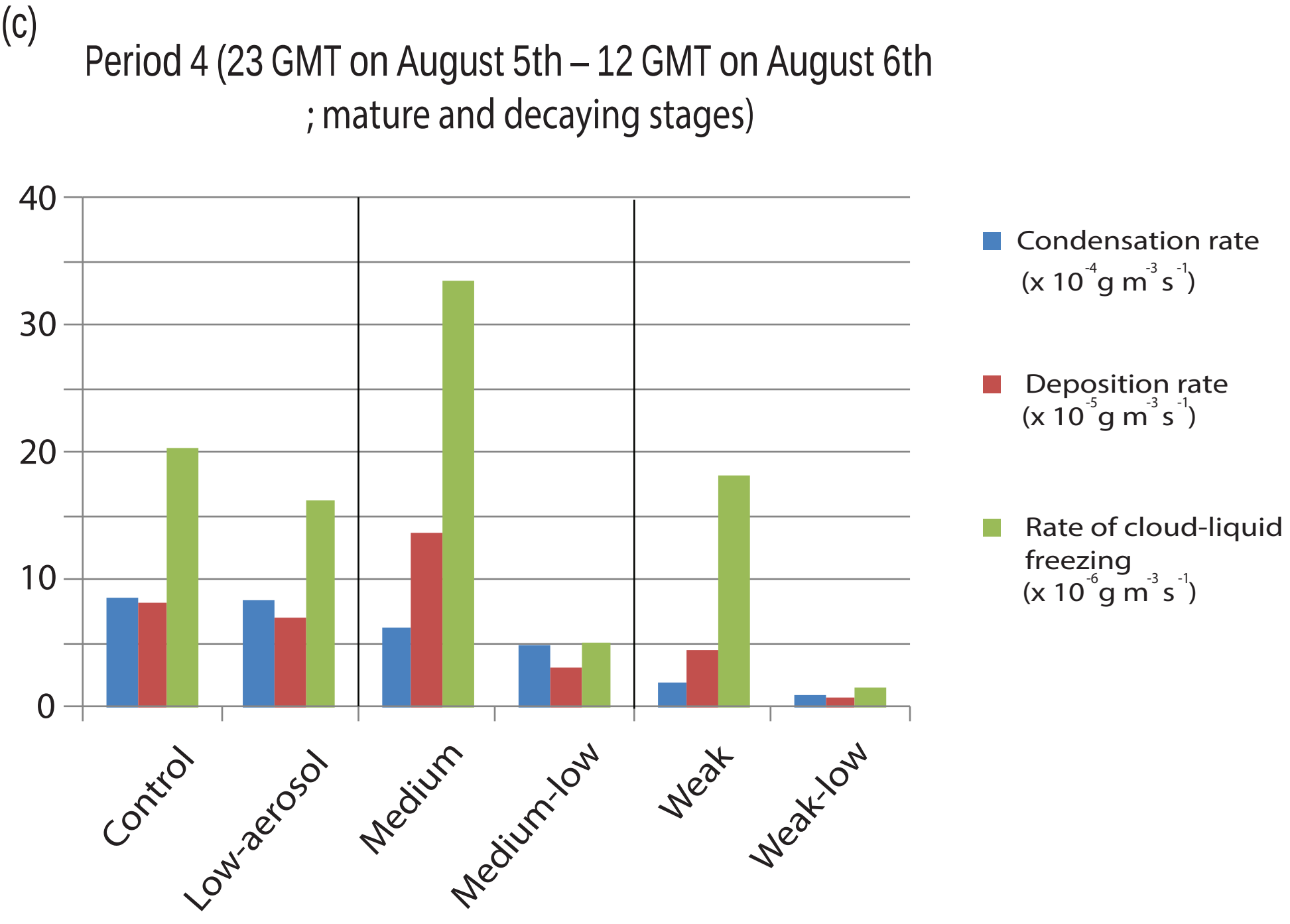
(a)


Period 2 (19 GMT – 21 GMT on August 5th; initial stage)
6
4
2
0
Control
Low-aerosol
Medium
Medium-low
Weak
Weak-low
Condensation rate (x 10^-4 g m^-3 s^-1)
Deposition rate (x 10^-5 g m^-3 s^-1)
Rate of cloud-liquid freezing (x 10^-6 g m^-3 s^-1)
Autoconversion rate (x 10^-6 g m^-3 s^-1)

(b)


Period 3 (21 GMT – 23 GMT on August 5th; initial stage)
10
8
6
4
2
0
Control
Low-aerosol
Medium
Medium-low
Weak
Weak-low
Condensation rate (x 10^-4 g m^-3 s^-1)
Deposition rate (x 10^-5 g m^-3 s^-1)
Rate of cloud-liquid freezing (x 10^-6 g m^-3 s^-1)

(c)


Period 4 (23 GMT on August 5th – 12 GMT on August 6th ; mature and decaying stages)
40
30
20
10
0
Control
Low-aerosol
Medium
Medium-low
Weak
Weak-low
Condensation rate (x 10^-4 g m^-3 s^-1)
Deposition rate (x 10^-5 g m^-3 s^-1)
Rate of cloud-liquid freezing (x 10^-6 g m^-3 s^-1)