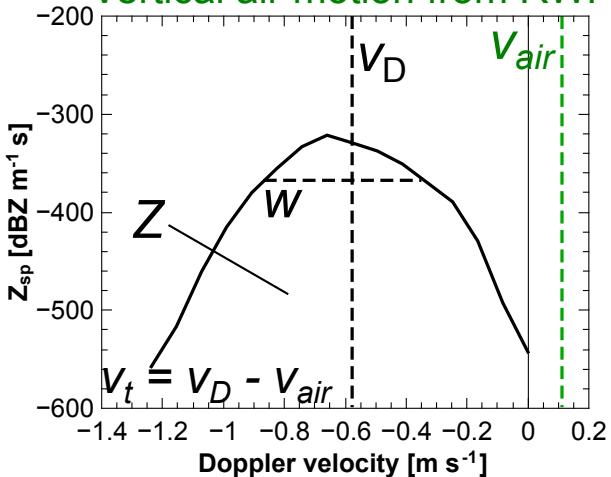


(a)

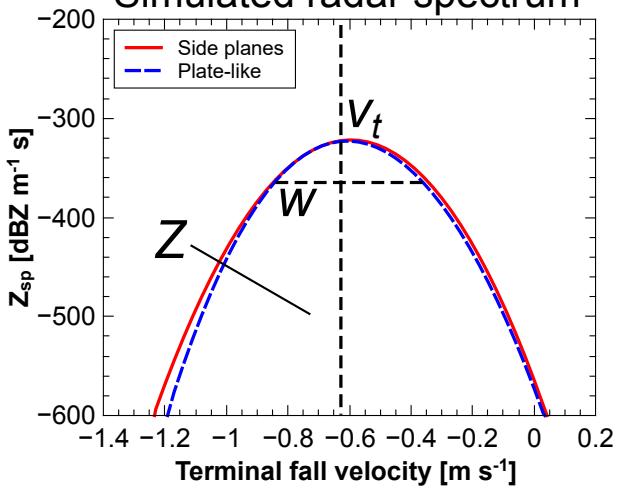
Measured CR spectrum

+ Vertical air motion from RWP

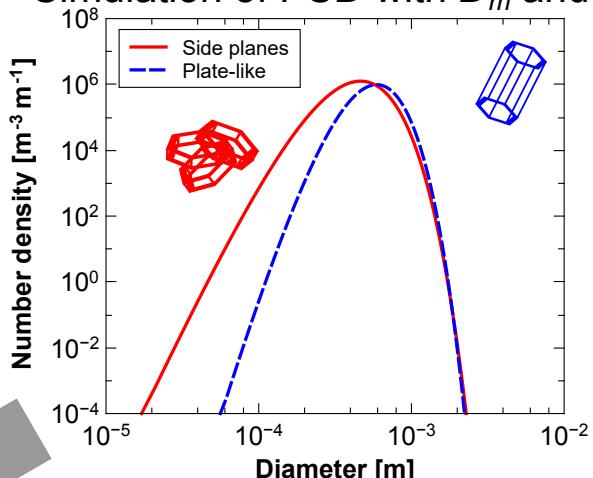


(c)

Simulated radar spectrum



(b)

Simulation of PSD with D_m and μ 

Radar parameters
(v_t , w and Z) from
 $Z(D)$ and $v_t(D)$
relationships and
environmental variables
pressure, temperature
and turbulence.

Lidar extinction (E)
from relationships between D and
parameterizations of particle
area $A(D)$