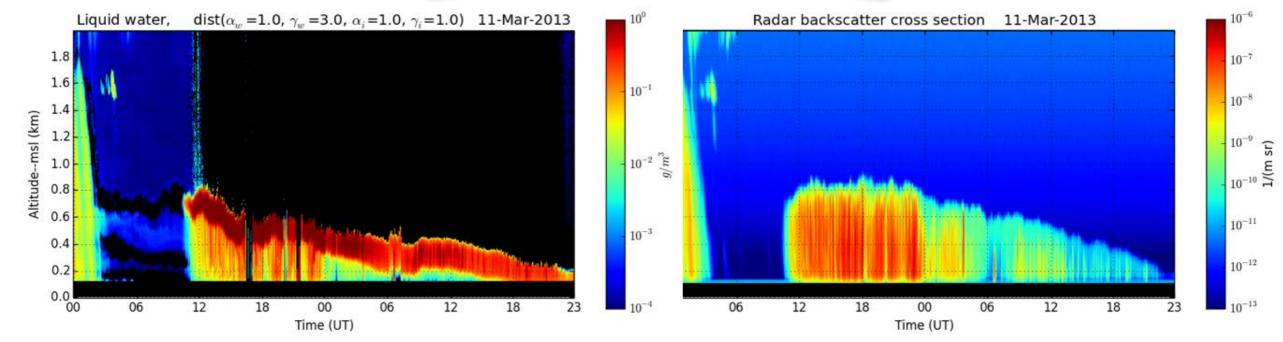
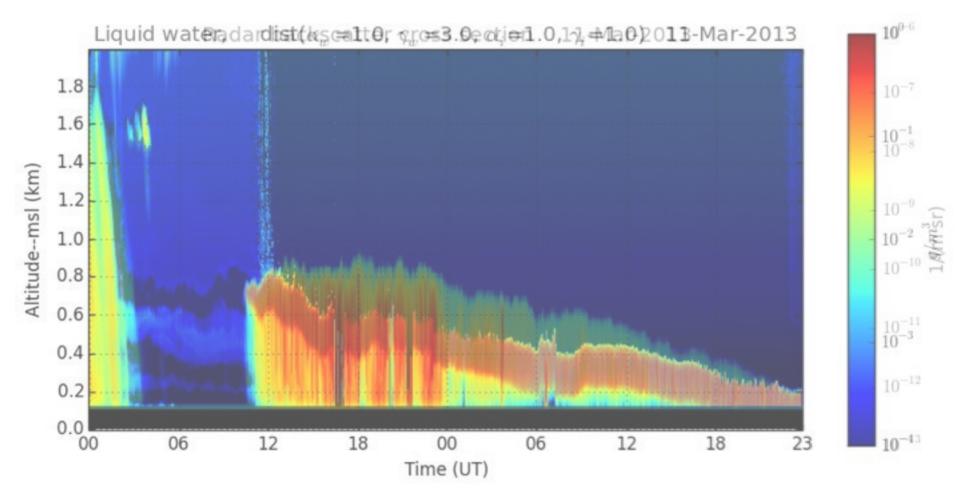
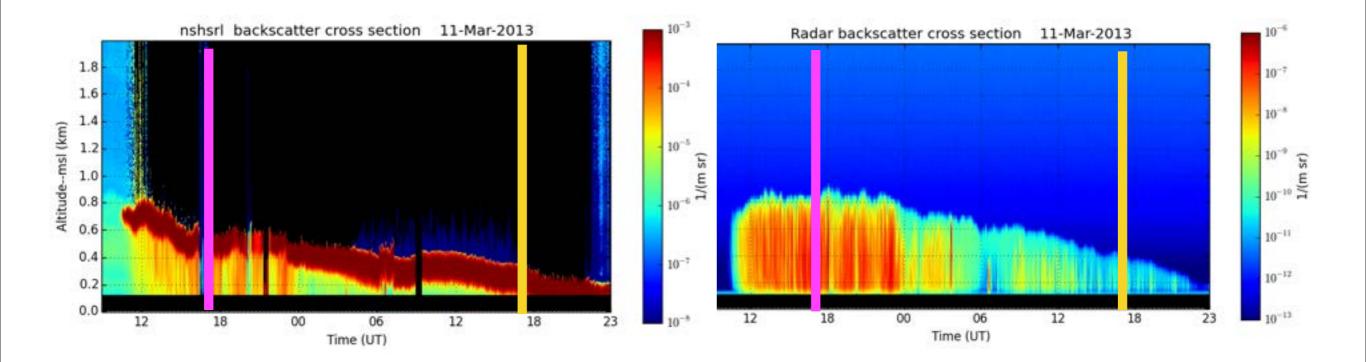
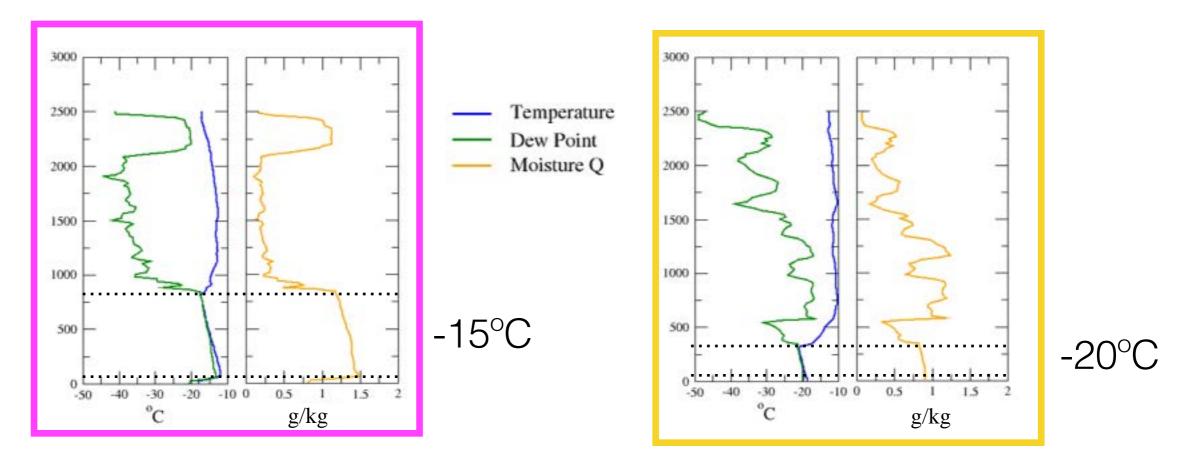
March 11-12, 2013

University of Wisconsin Lidar Group





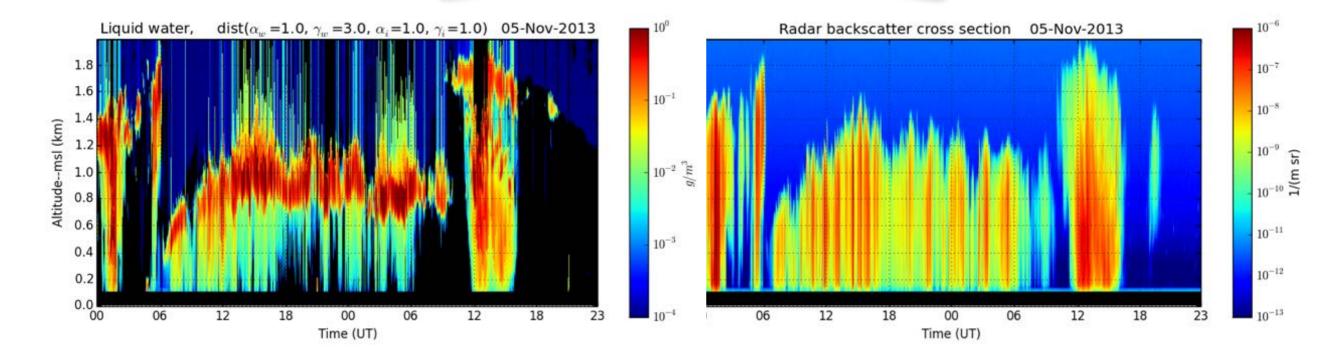


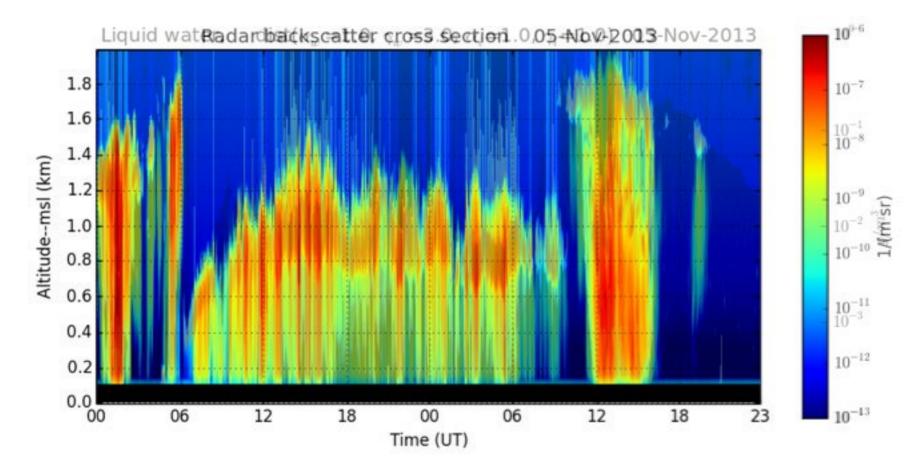


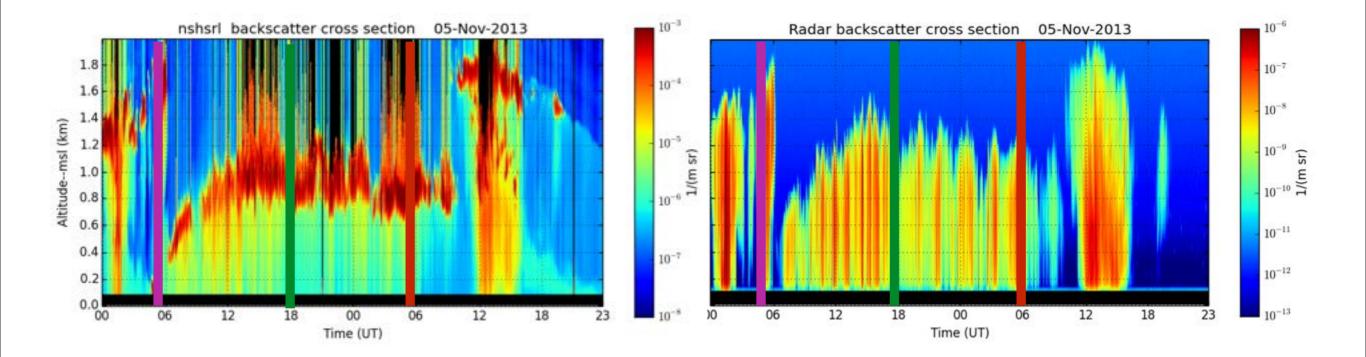
max rh = 98.17%

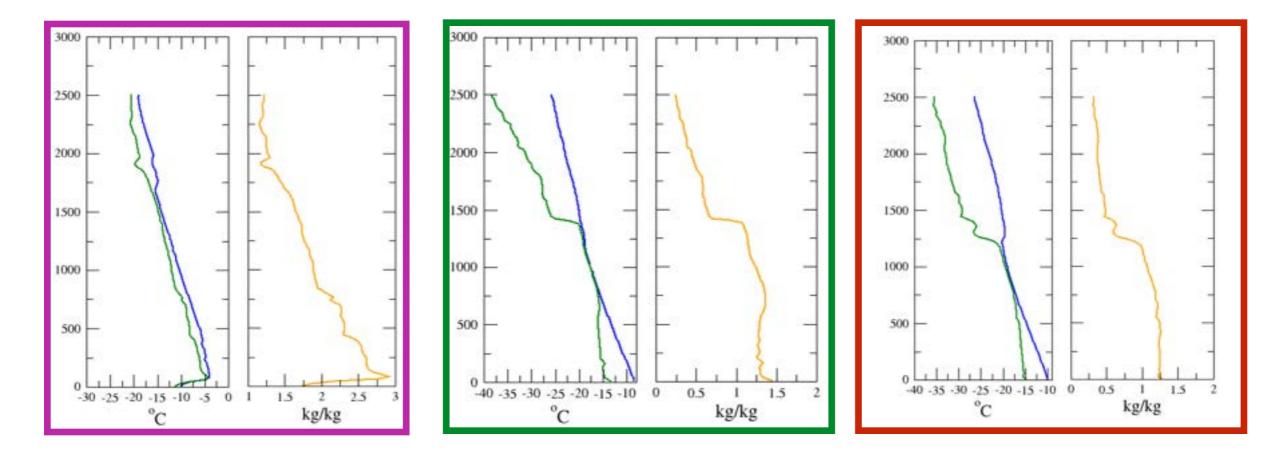
max rh = 99.25%

November 5-6, 2013

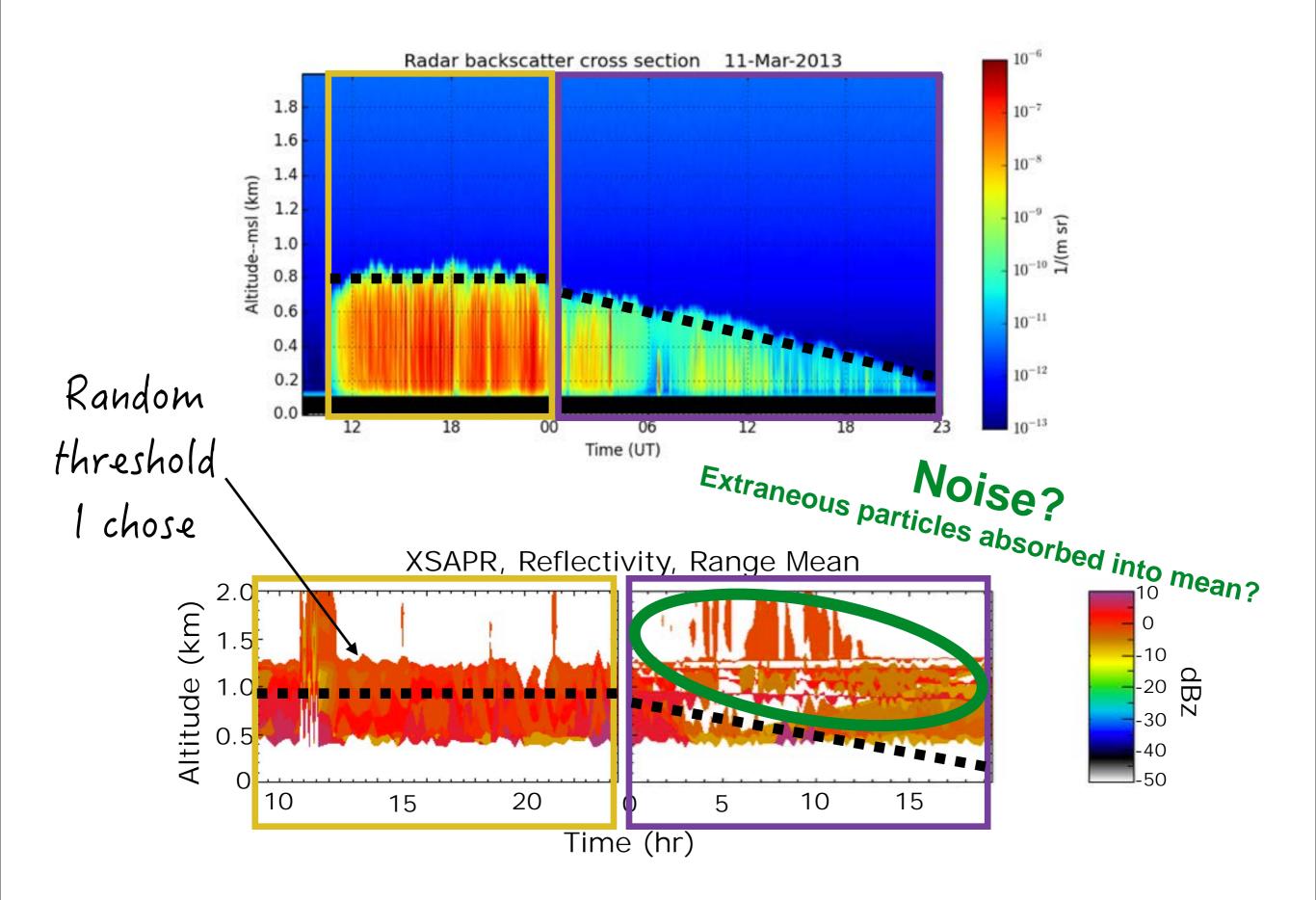


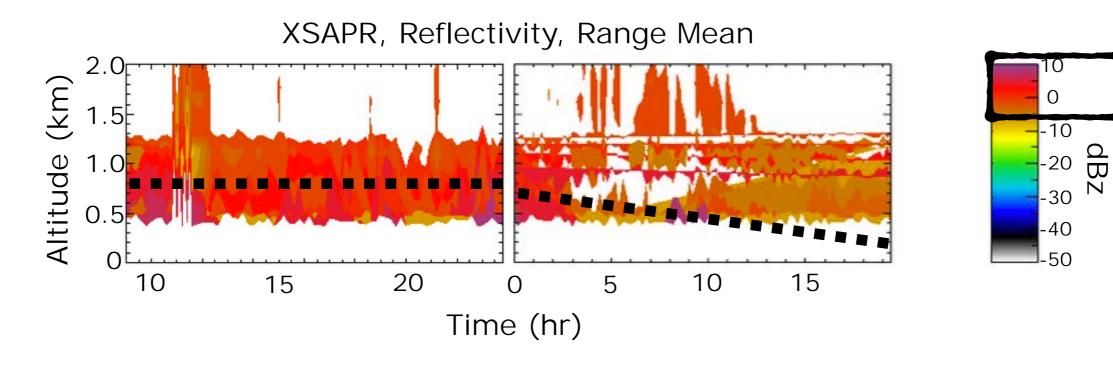




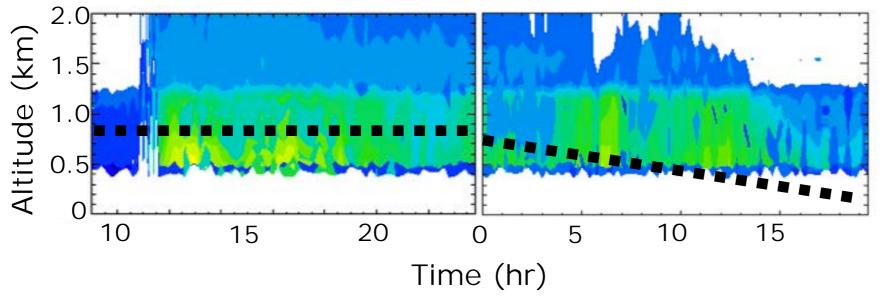


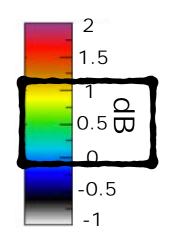
max rh = 98.75% max rh = 99.23% max rh = 97.33%

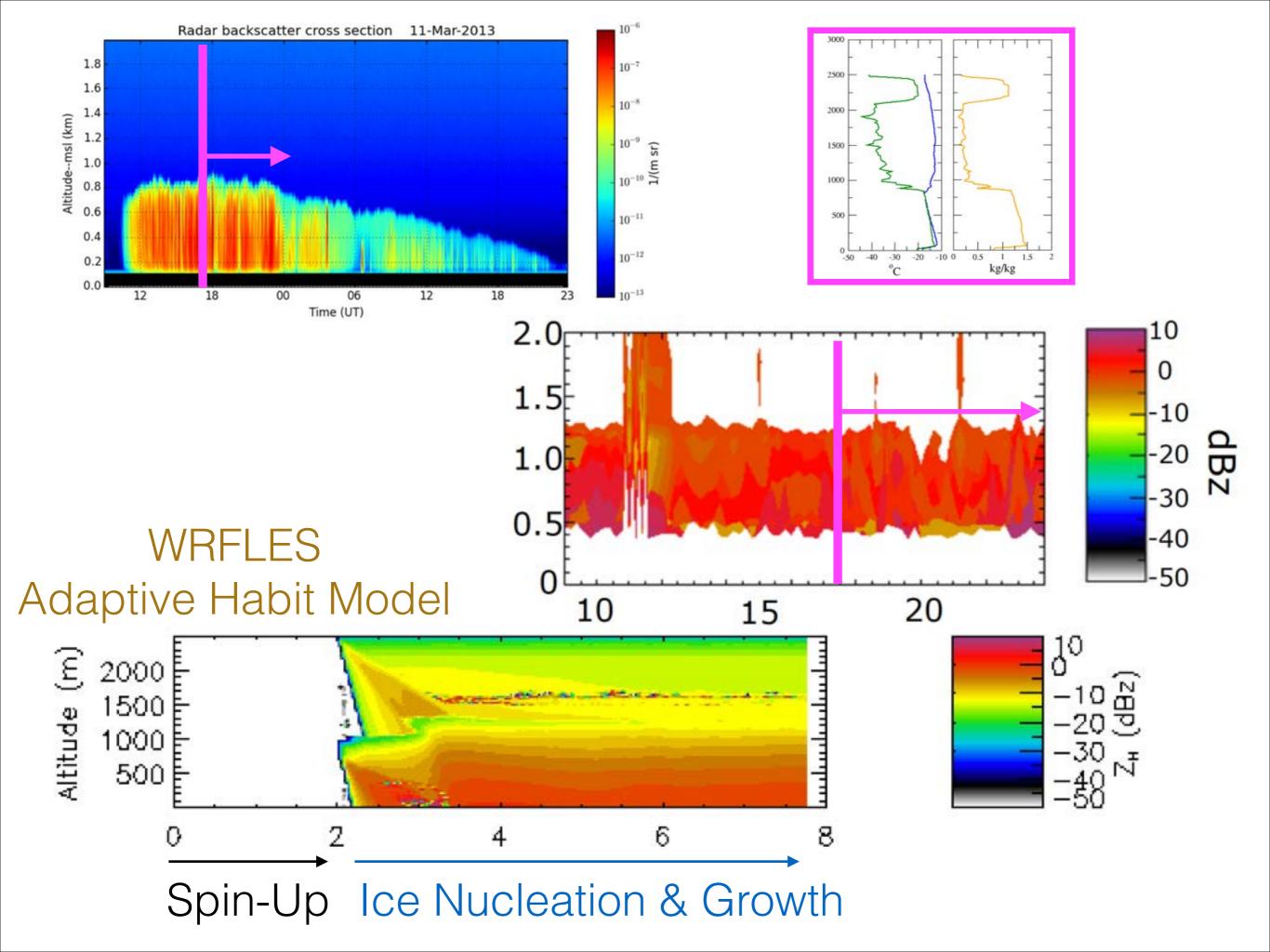












Overall Thoughts:

- Can use Lidar & KAZR to indicate structure
- Can use XSAPR reflectivity to act as a "middle man" between Lidar & KAZR data and model simulations
- XSAPR allows for comparisons to model simulations for dual-pol variables that cannot get with other radars

March Case:

- Nice temperature profile, but not the juiciest case
- Needed to bump simulations to higher concentrations to match obs Zh

Nov Case:

• More moisture, cannot find X-Pol data