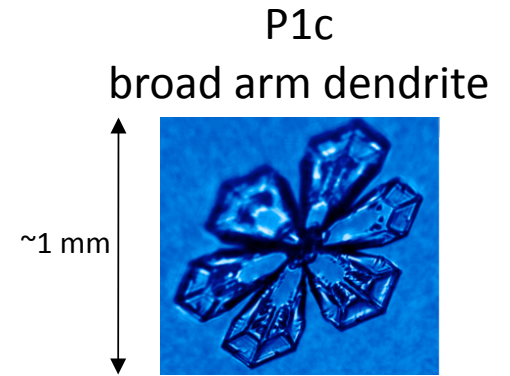
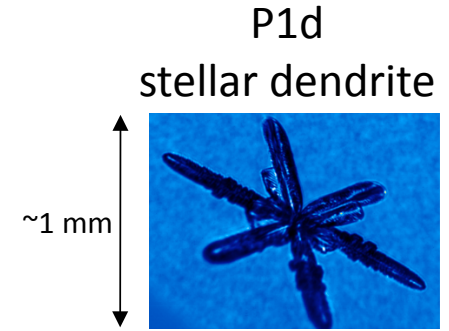
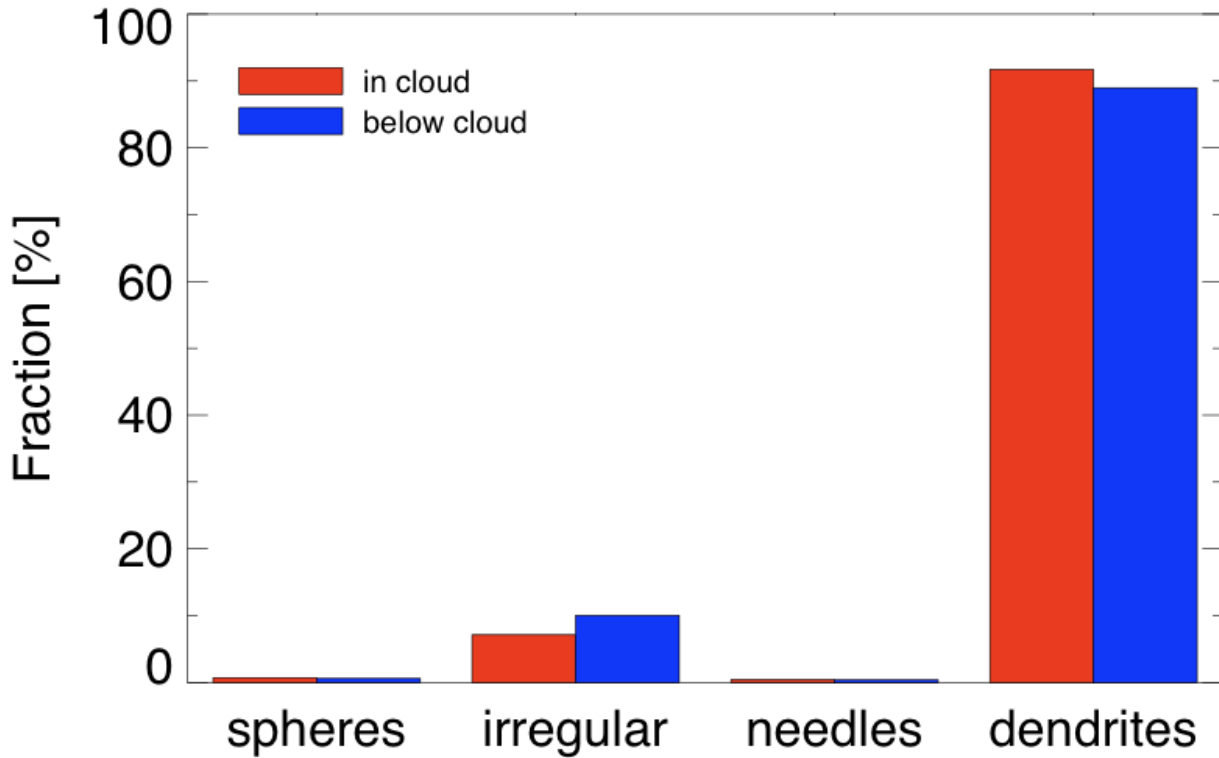


# Towards ice formation closure in mixed-phase boundary layer clouds during ISDAC

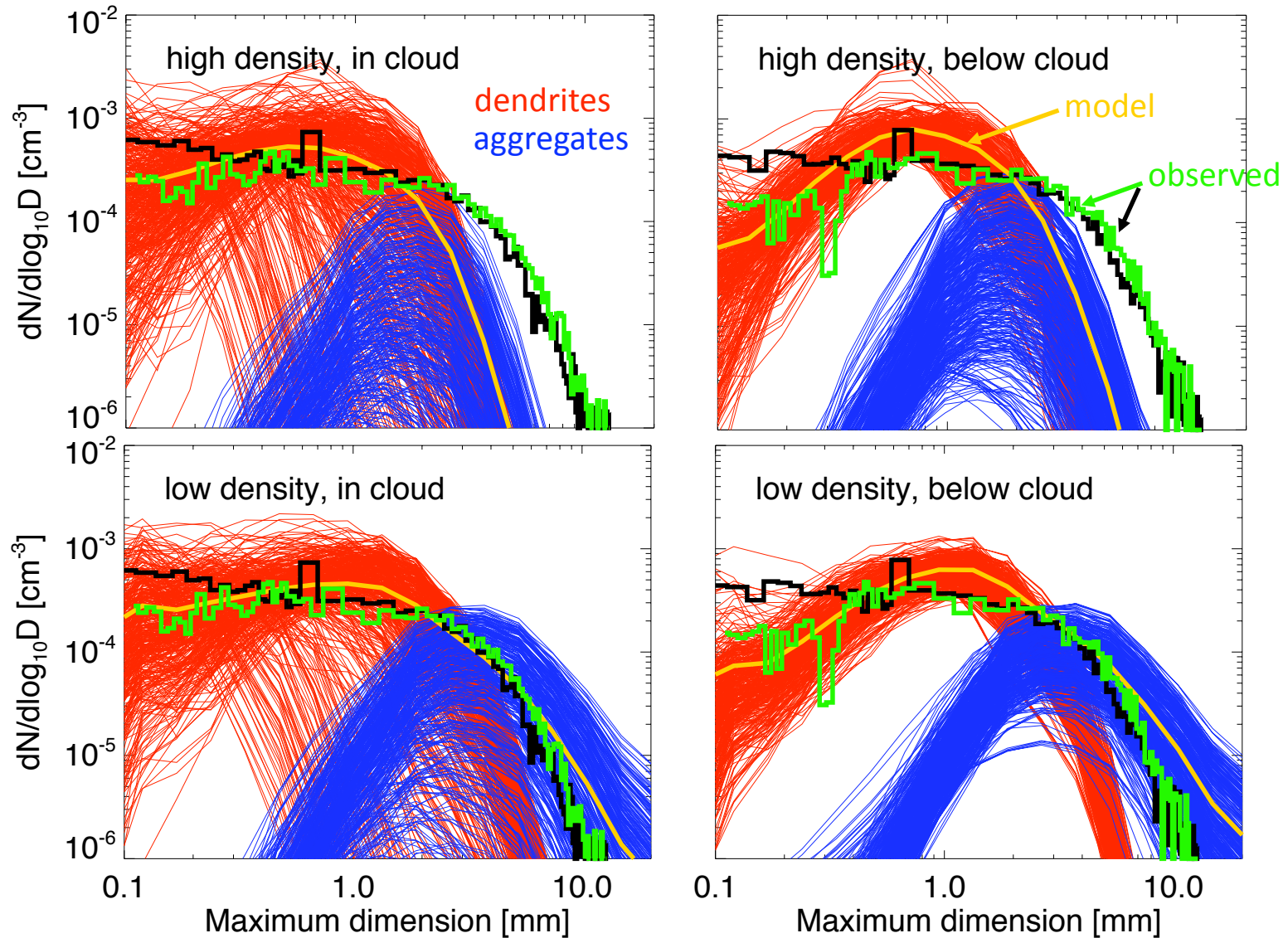
A. Avramov<sup>1</sup>, A. Ackerman<sup>2</sup>, A. Fridlind<sup>2</sup>, B. van Dierenhoven<sup>1</sup>, G. Botta<sup>3</sup>, K. Aydin<sup>3</sup>, H. Verlinde<sup>3</sup>, A. Korolev<sup>4</sup>, W. Strapp<sup>4</sup>, S. Brooks<sup>5</sup>, A. Glen<sup>5</sup>, G. McFarquahar<sup>6</sup>, R. Jackson<sup>6</sup>, M. Wolde<sup>7</sup>

1: Columbia University 2: NASA-GISS 3: Pennsylvania State University  
4: Environment Canada 5: Texas A&M 6: University of Illinois – UC 7: NRC Canada

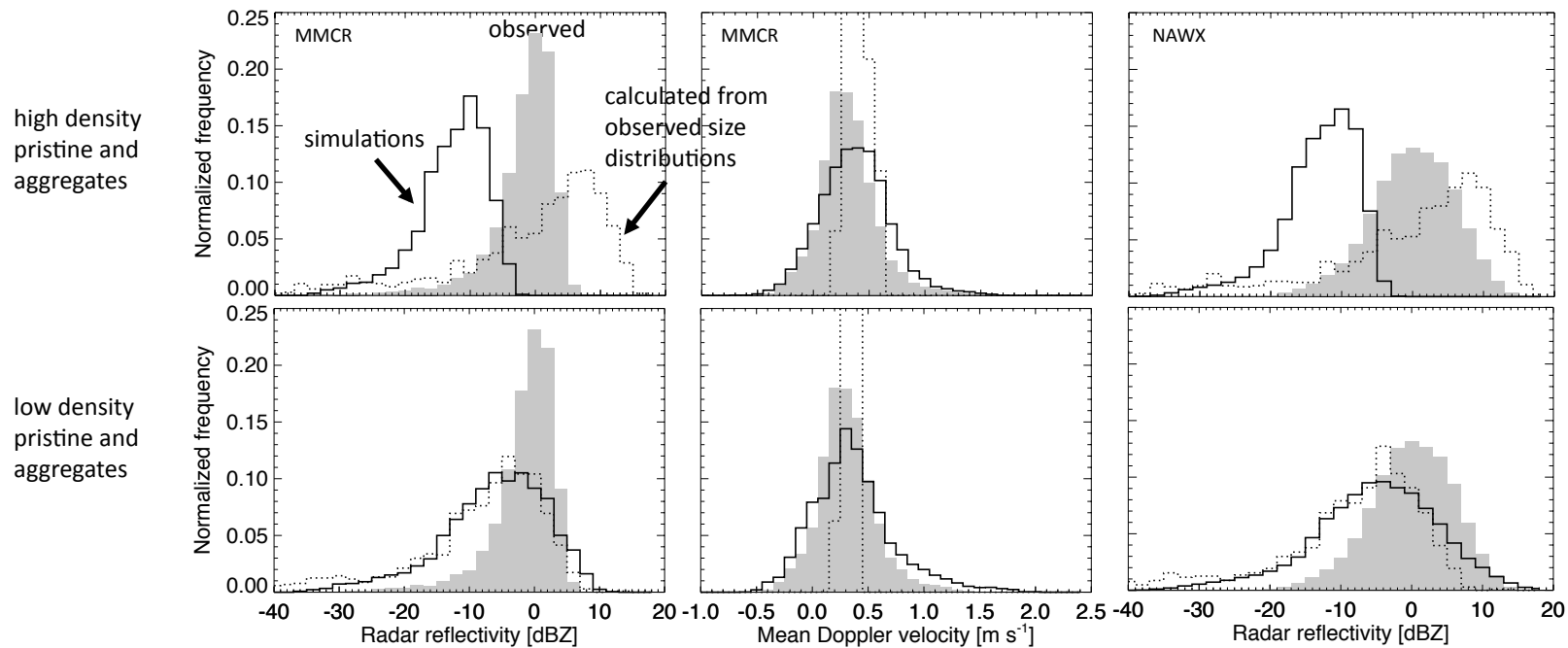
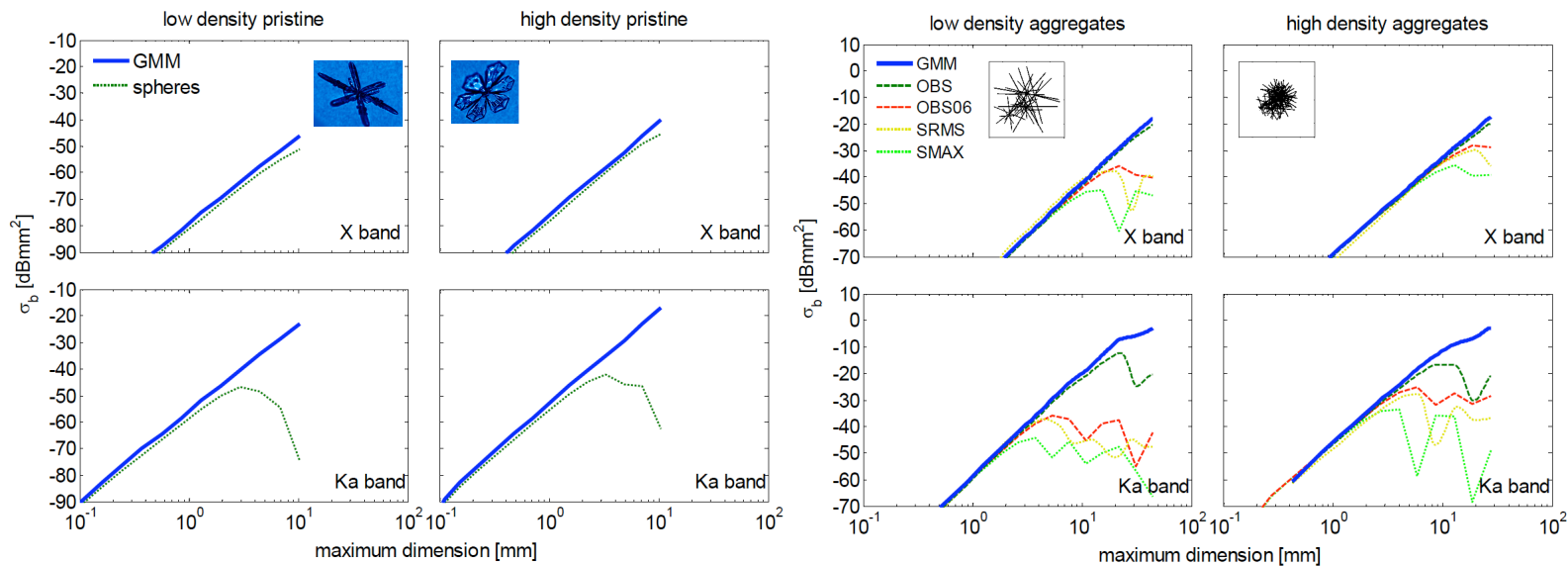
# Observations

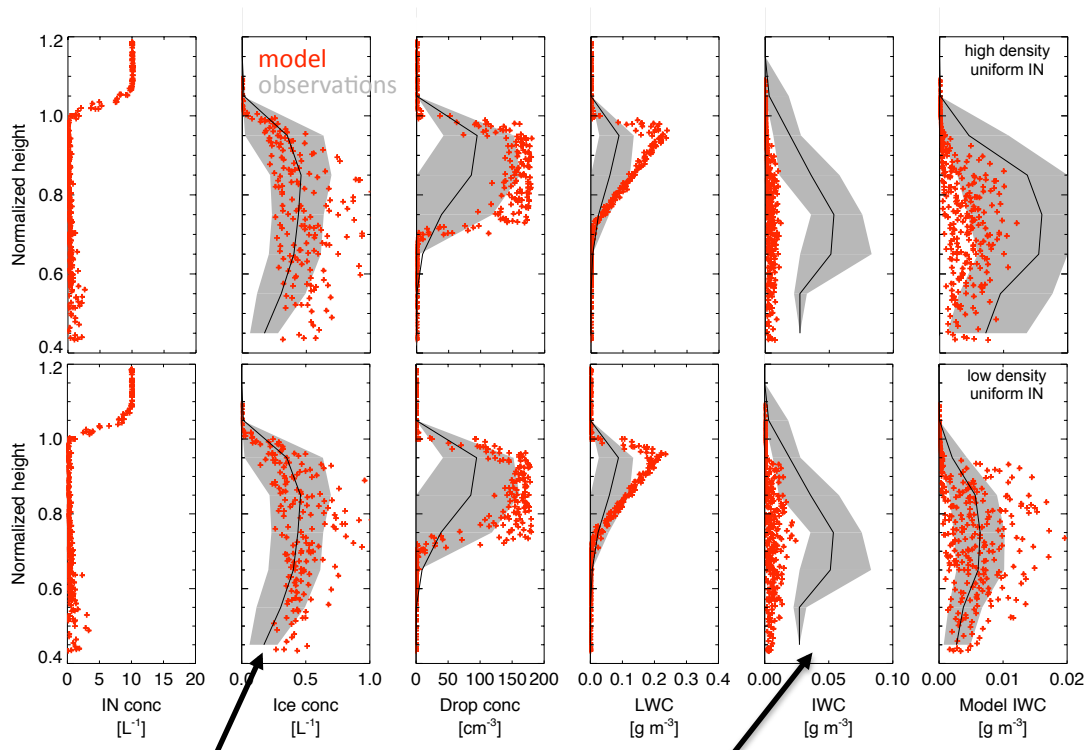


# Model results: size distributions



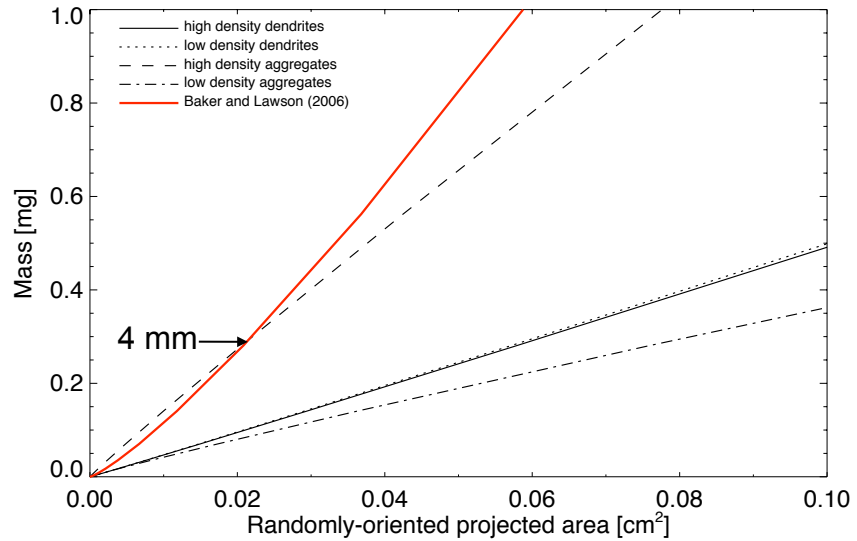
# Reflectivity comparison





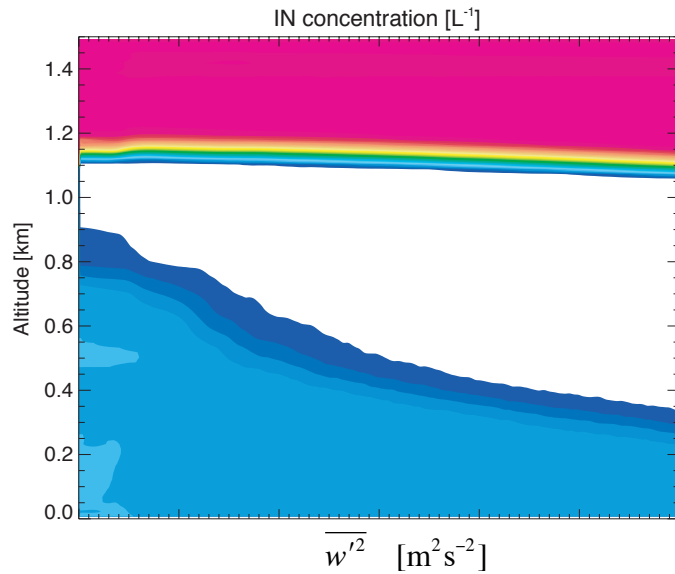
closure ?

or not ?



# IN reservoir

1 L<sup>-1</sup> initial IN  
below inversion



10 L<sup>-1</sup> initial IN  
below inversion

