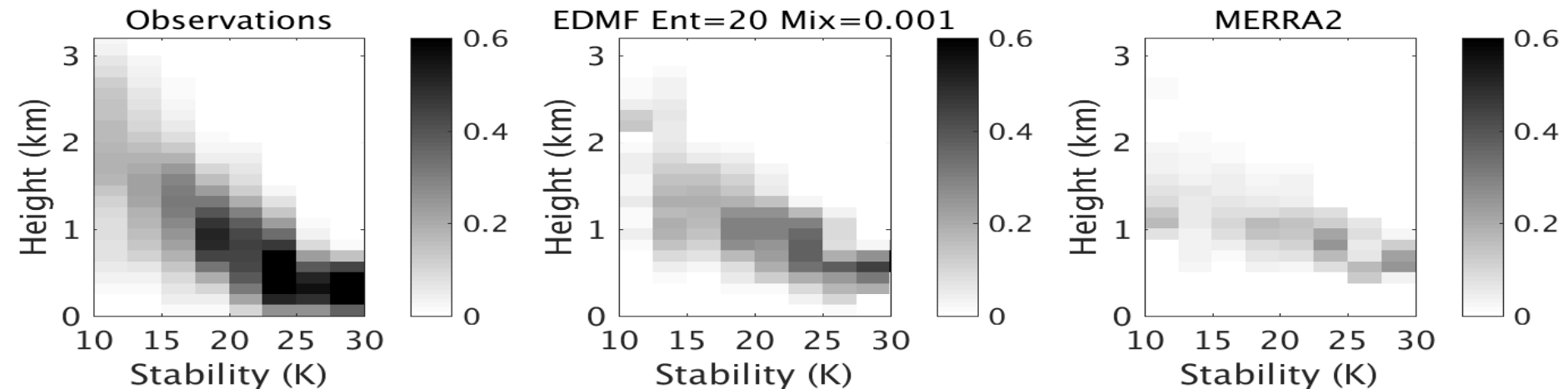


New Methodology to evaluate EDMF forced by MERRA Re-Analysis

Goal: To develop a new methodology to evaluate Single Column Models (SCMs) and parameterizations against satellite data in realistic settings.

Results: 500 EDMF SCM simulations (June 2007) between Los Angeles and Hawaii forced by MERRA-2 show that new methodology is effective and that EDMF compares well against CloudSat observations.



Significance: New method will help develop and evaluate parameterizations (e.g. EDMF) against satellite observations in realistic settings.