GOES-R³ – "Warm" Precipitation Using ABI

- MODIS-like channels on ABI offer opportunity to enhance precipitation detection in warm top situations
  - Orographic & shallow rain
  - Drizzle
    - In many parts of the world, this is a dominant form of rainfall
- CICS supported project
- De profiles
  - Delineate rain from clouds
  - Correlated with LWP to get shallow rainfall
- Recent work extending to A-train (see images to right)
  - MODIS, AMSR-E and CloudSat