



Example figure, A pollution event over eastern China on Terra MODIS sensor with granule id of 2013348.0310. a) MODIS Terra RGB image, b) MODIS Dark Target (DT) AOD at  $0.55 \mu\text{m}$  for all available retrievals (QA = 0 to 3), c) Research AOD at  $0.55 \mu\text{m}$ , for all available retrievals, d) Snow mask, e)  $11 \mu\text{m}$  Brightness Temperature map. The red line shows the cloud edge.