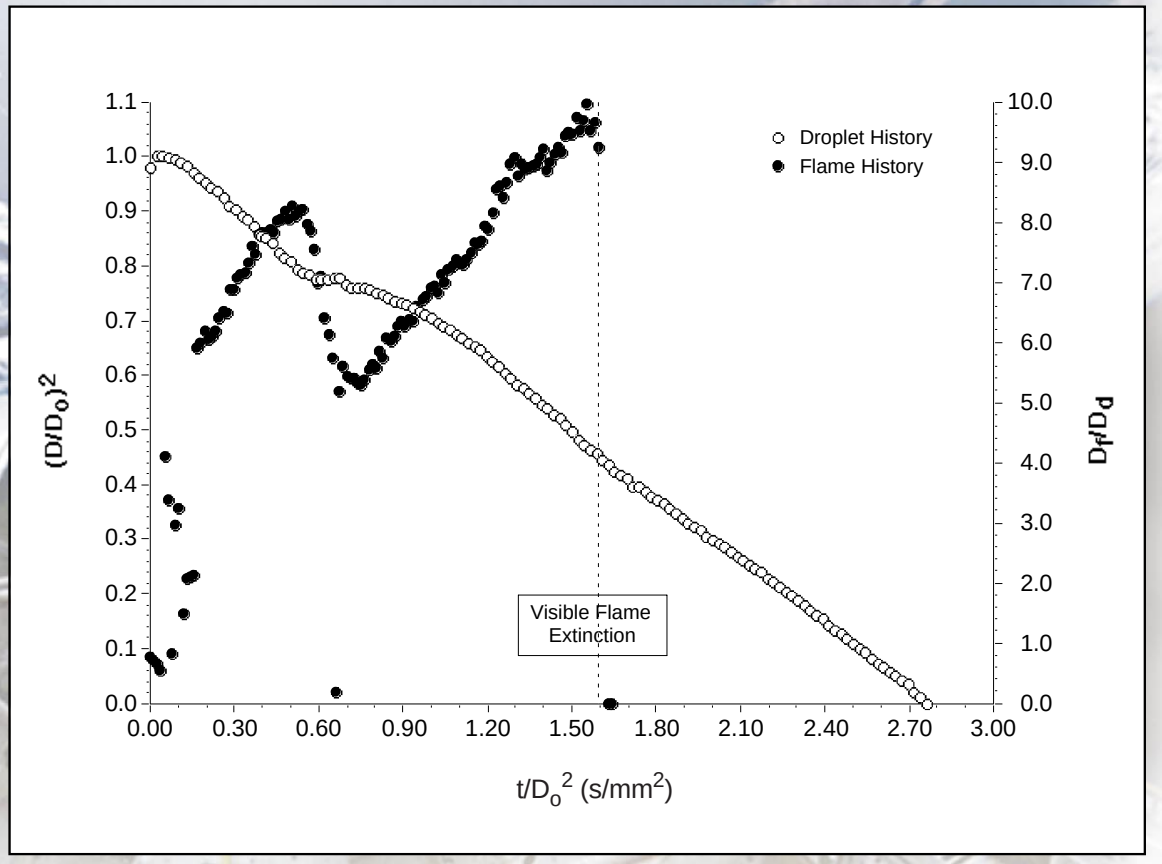
Glenn Research Center

Bi-Component Droplet Combustion

Objectives

- Bi-component droplets better simulate combustion of a real fuel
- Transient buildup of less volatile component in the liquid phase
- Flame contractions
- Ignition limits