

Butanol/O₂/N₂, $\phi = 1.0$, $P_c = 15$ bar

850 K

800 K

750 K

Ignition Delay, ms

Symbols: Experiments
Solid Lines: Simulations

○ *t*-butanol

□ *i*-butanol

◇ *s*-butanol

△ *n*-butanol

O₂ : N₂ = 1 : 3.76

100

1.15

1.2

1.25

1.3

1.35

1.4

$1000/T_c, \text{K}^{-1}$