

Butanol/O₂/N₂, $\phi = 1.0$, $P_C = 30$ bar

850 K

800 K

750 K

700 K

Ignition Delay, ms

□ *i*-butanol

◇ *s*-butanol

○ *t*-butanol

△ *n*-butanol

100

10

O₂ : N₂ = 1 : 3.76

1.15

1.2

1.25

1.3

1.35

1.4

1.45

1.5

1000/ T_C , K⁻¹

