

*i*-Butanol/O<sub>2</sub>/N<sub>2</sub>,  $\phi = 1.0$

850 K

800 K

750 K

O<sub>2</sub> : N<sub>2</sub> = 1 : 3.76

Ignition Delay, ms

100

10

1.15

1.2

1.25

1.3

1.35

$1000/T_C, K^{-1}$

□ 15 bar

○ 30 bar

-- Experiments

— Sarathy et al. Mechanism

— MIT Mechanism

