4.46% C$_3$H$_6$, in Air, $\Phi = 1.0$, $p_{av} = 10$ atm

$10^4 K / T$

Ignition delay time (\(\tau\)) / \(\mu\)s

2.281% C$_3$H$_6$, in Air, $\Phi = 0.5$, $p_{av} = 10$ atm

$10^4 K / T$

Ignition delay time (\(\tau\)) / \(\mu\)s
0.89% $C_3H_6$, 4% $O_2$, in Ar, $\Phi = 1.0$, $p_{av} = 40$ atm

Igntion delay time (τ) / μs

$10^4 K / T$

Aramco Mech 1.3
Aramco Mech 2.0