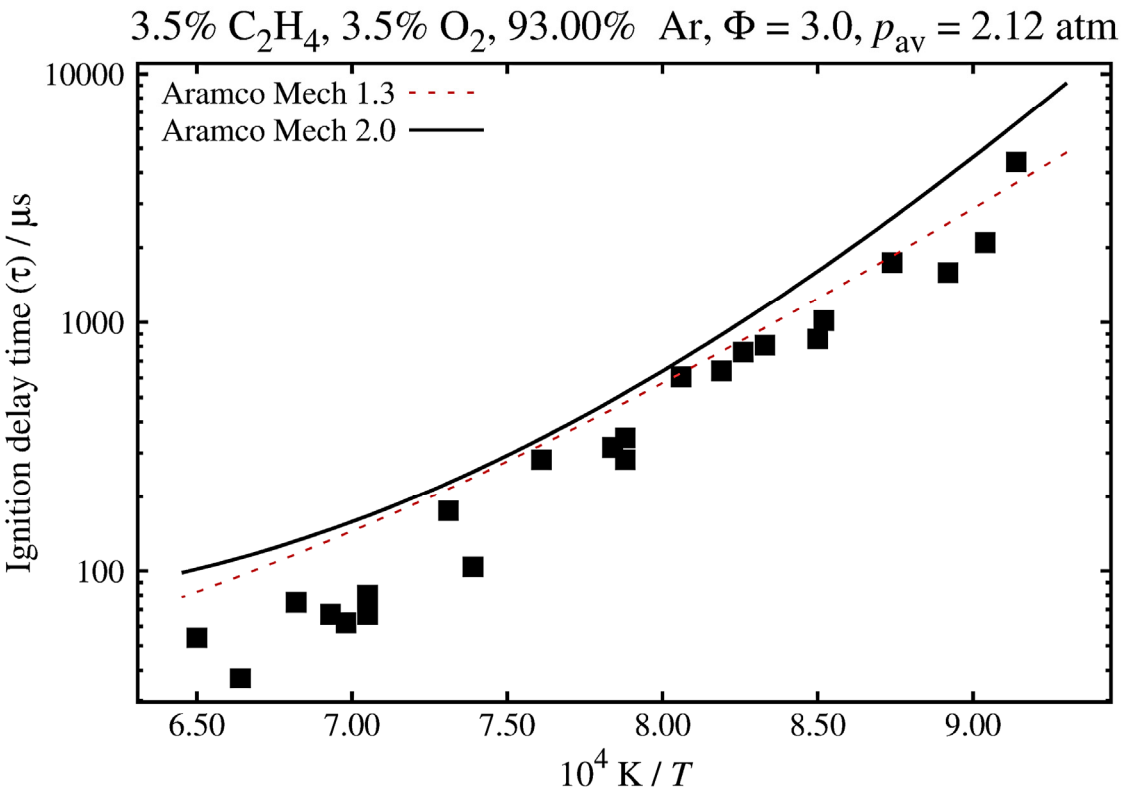
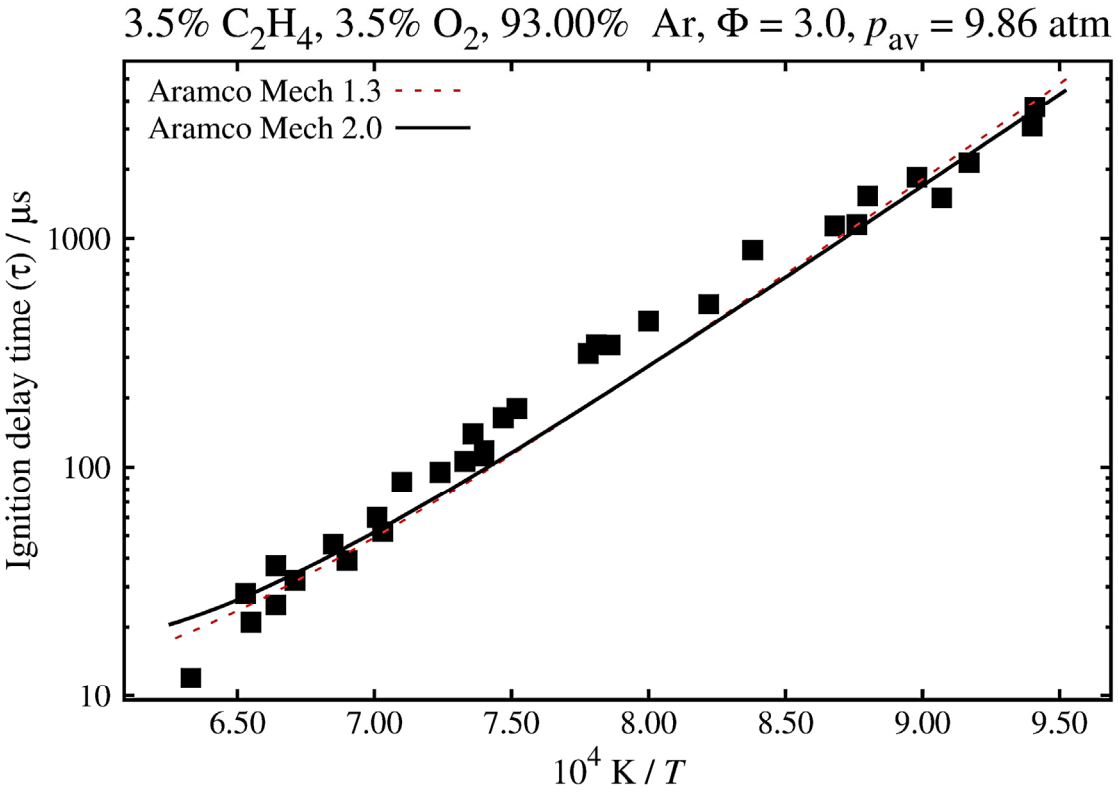
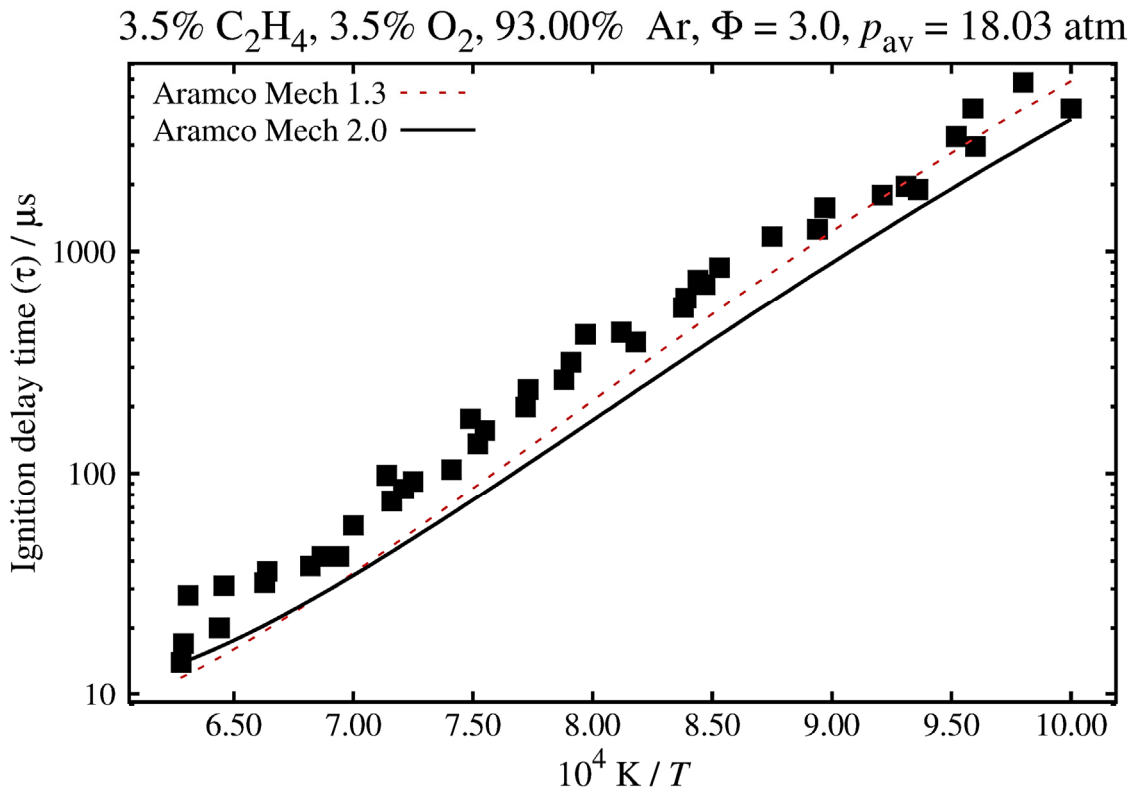
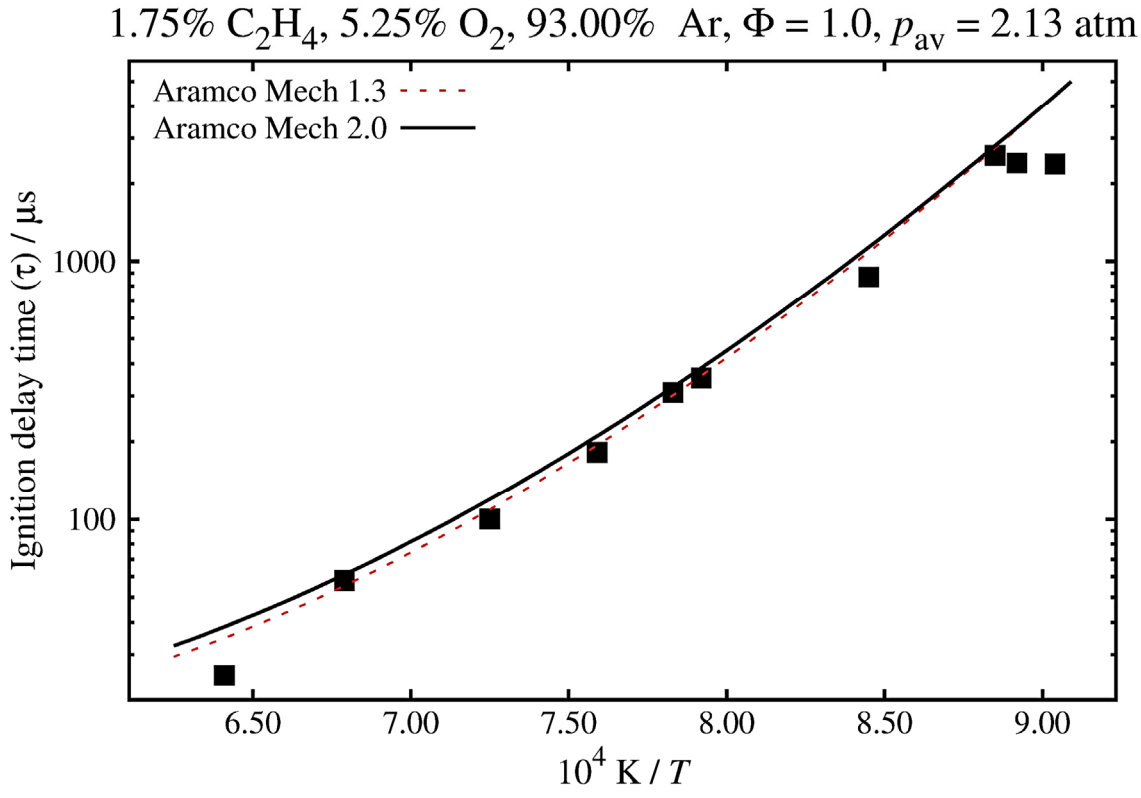
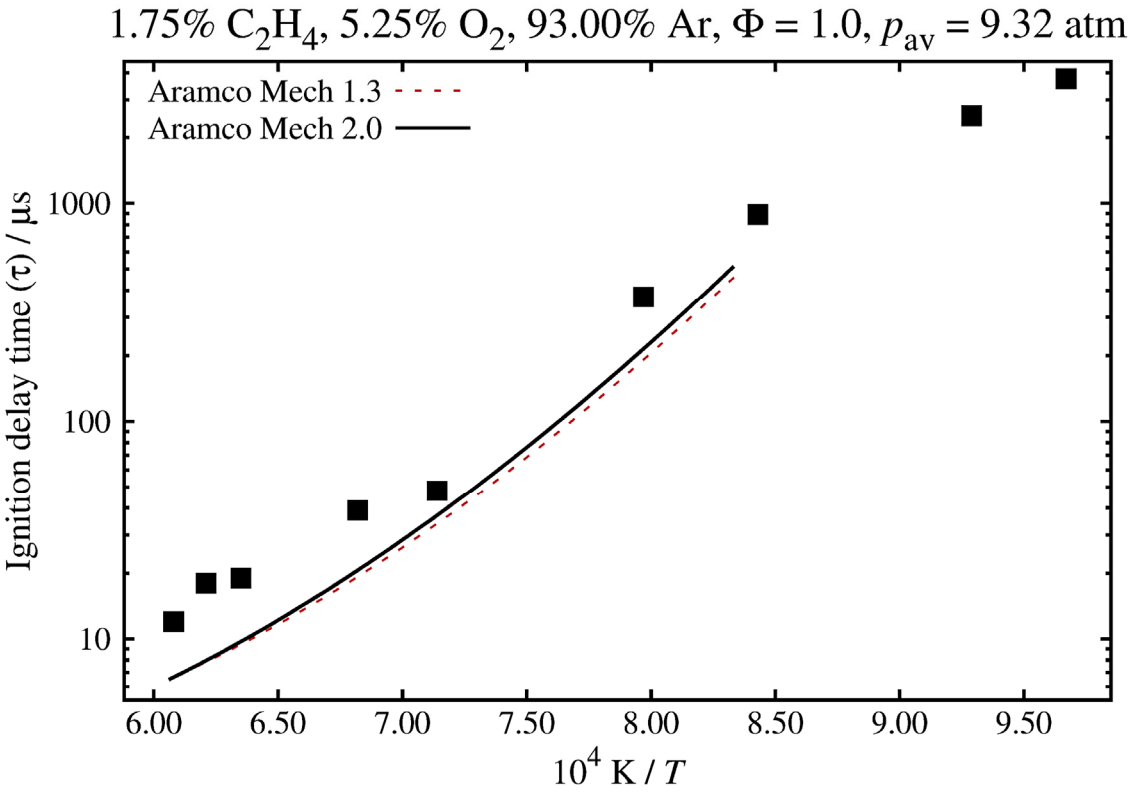
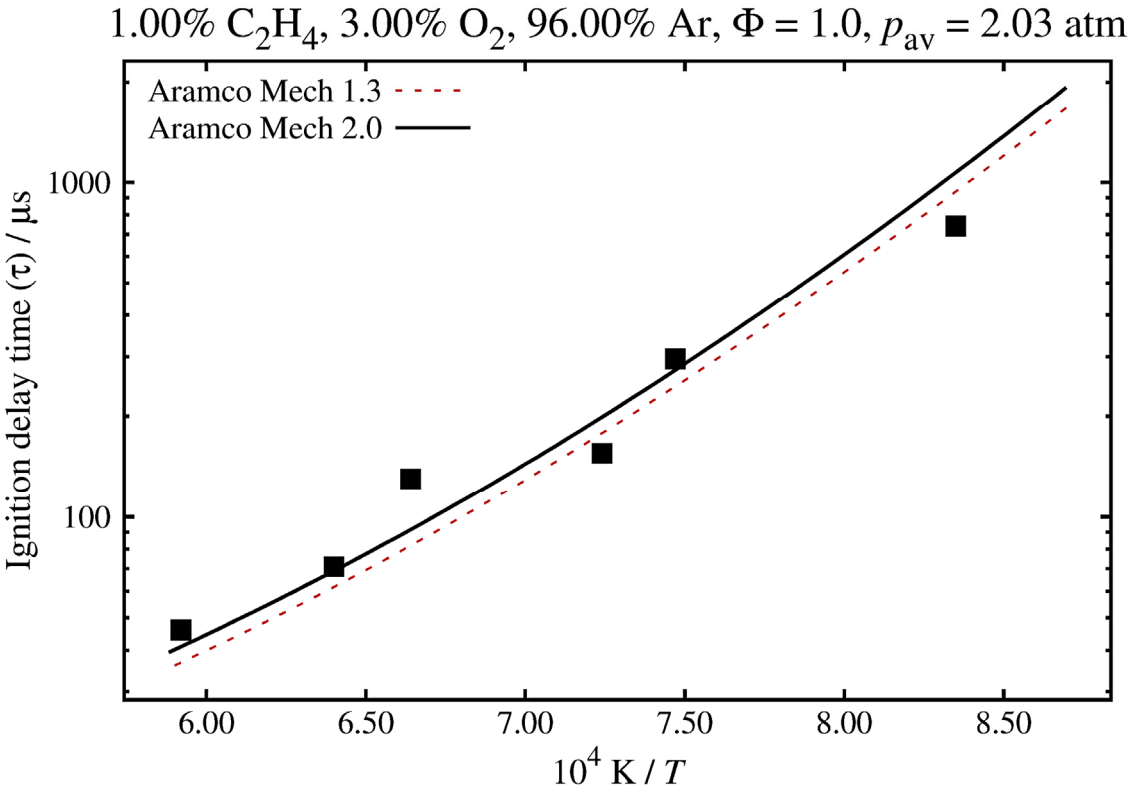

3.5% C2H4, 3.5% O2, 93.00% Ar, Φ = 3.0, pav = 2.12 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
10000
1000
100
6.50
7.00
7.50
8.00
8.50
9.00
10^4 K / T

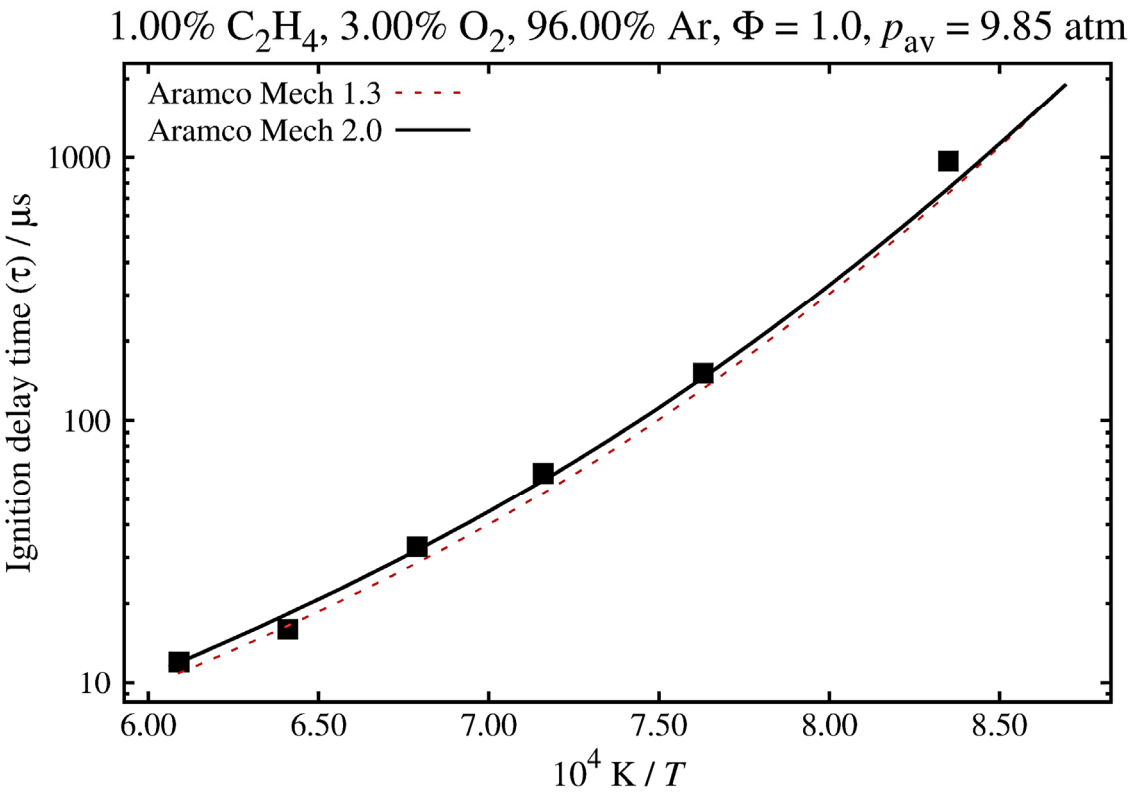

3.5% C2H4, 3.5% O2, 93.00% Ar, Φ = 3.0, pav = 9.86 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
10
6.50
7.00
7.50
8.00
8.50
9.00
9.50
10^4 K / T

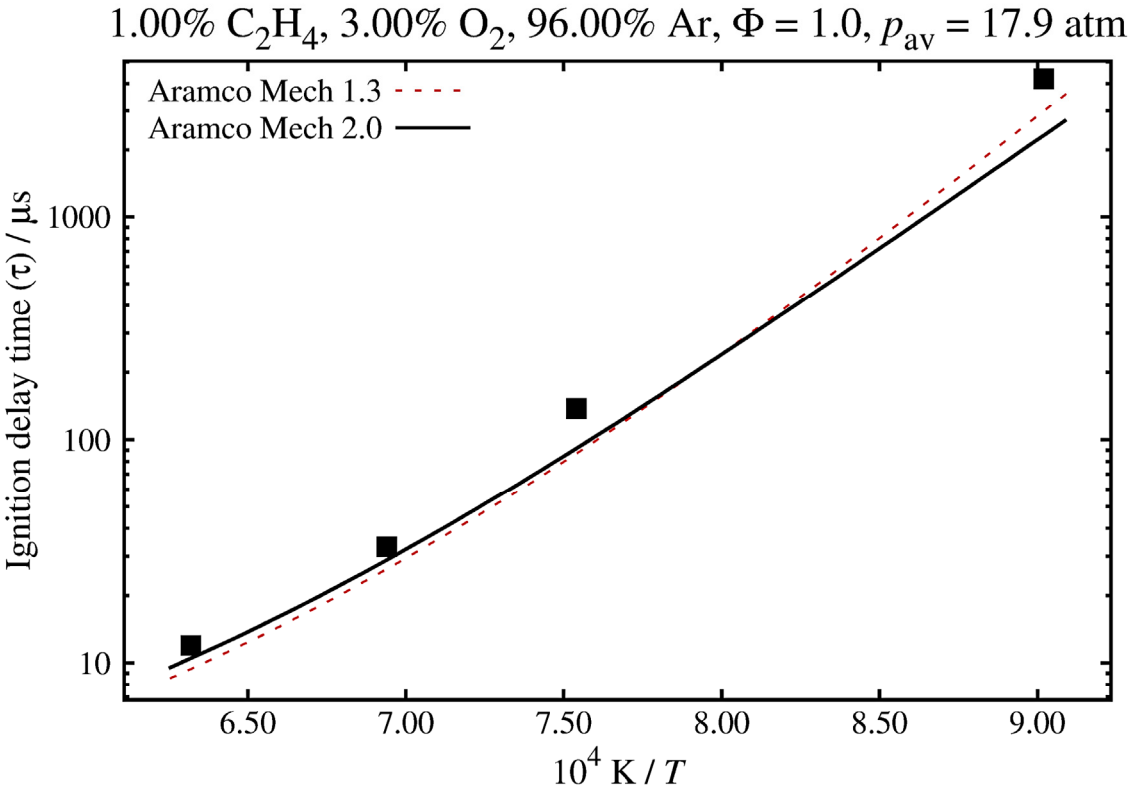

3.5% C2H4, 3.5% O2, 93.00% Ar, Φ = 3.0, pav = 18.03 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
10
6.50
7.00
7.50
8.00
8.50
9.00
9.50
10.00
10^4 K / T

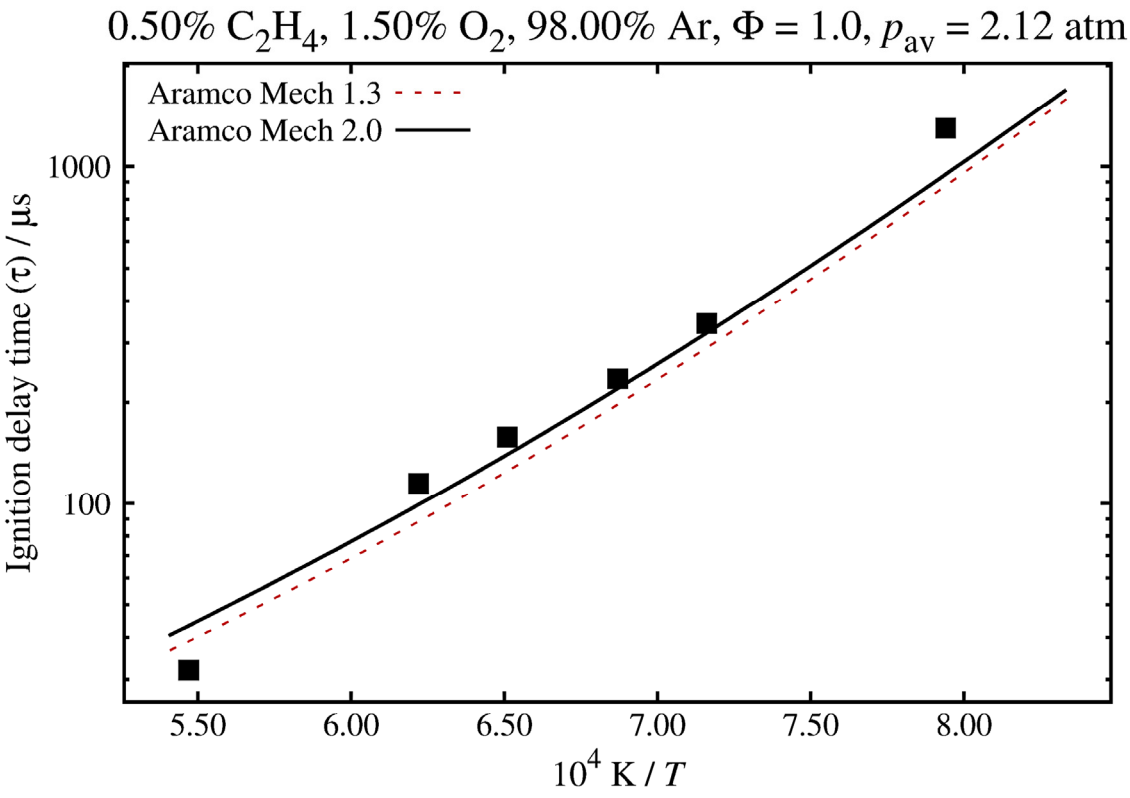

1.75% C2H4, 5.25% O2, 93.00% Ar, Φ = 1.0, pav = 2.13 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
6.50
7.00
7.50
8.00
8.50
9.00
10^4 K / T

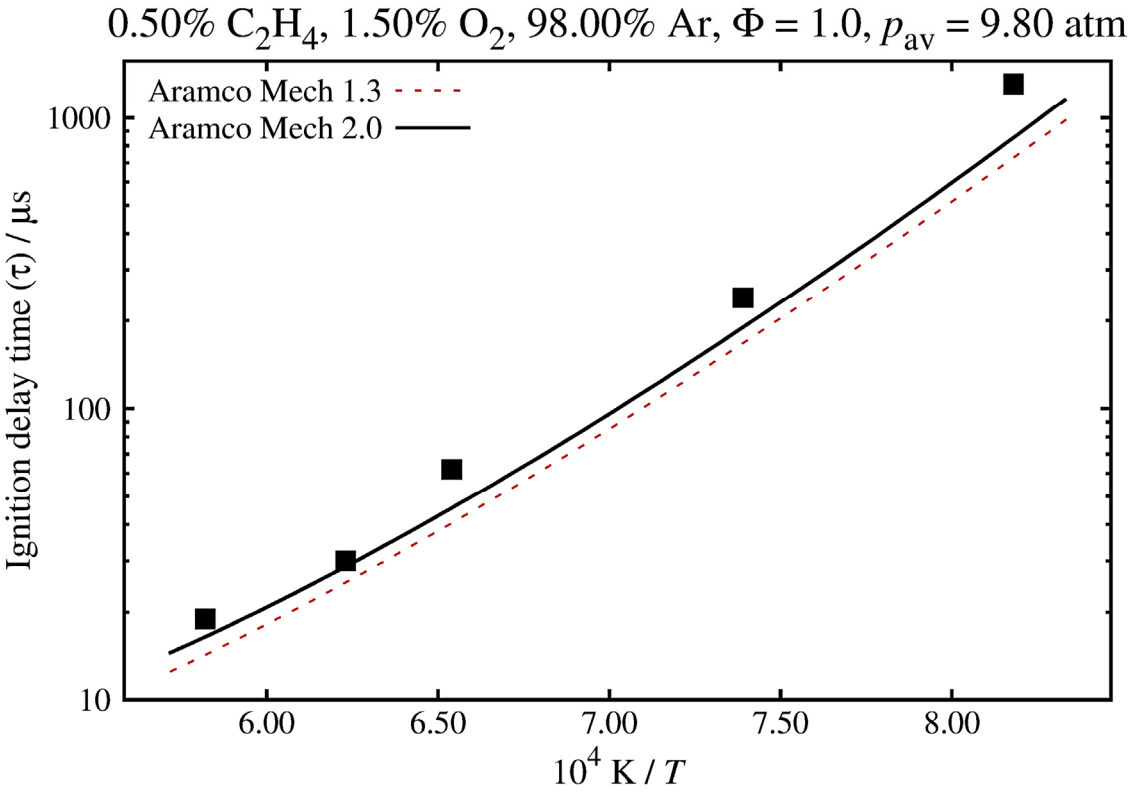

1.75% C2H4, 5.25% O2, 93.00% Ar, Φ = 1.0, pav = 9.32 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
10
6.00
6.50
7.00
7.50
8.00
8.50
9.00
9.50
10^4 K / T

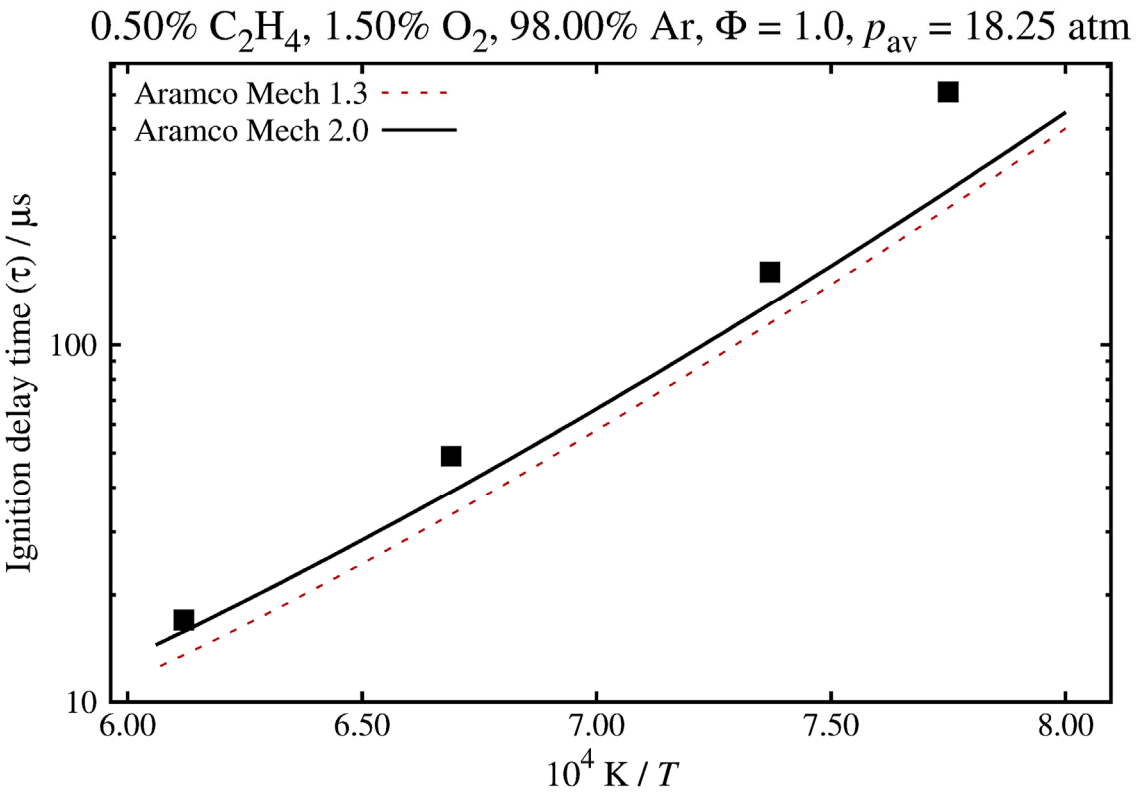

1.00% C2H4, 3.00% O2, 96.00% Ar, Φ = 1.0, pav = 2.03 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
6.00
6.50
7.00
7.50
8.00
8.50
10^4 K / T


1.00% C2H4, 3.00% O2, 96.00% Ar, Φ = 1.0, pav = 9.85 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
10
6.00
6.50
7.00
7.50
8.00
8.50
10^4 K / T


1.00% C2H4, 3.00% O2, 96.00% Ar, Φ = 1.0, pav = 17.9 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
10
6.50
7.00
7.50
8.00
8.50
9.00
10^4 K / T


0.50% C2H4, 1.50% O2, 98.00% Ar, Φ = 1.0, pav = 2.12 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
5.50
6.00
6.50
7.00
7.50
8.00
10^4 K / T


0.50% C2H4, 1.50% O2, 98.00% Ar, Φ = 1.0, pav = 9.80 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
1000
100
10
6.00
6.50
7.00
7.50
8.00
10^4 K / T


0.50% C2H4, 1.50% O2, 98.00% Ar, Φ = 1.0, pav = 18.25 atm
Aramco Mech 1.3
Aramco Mech 2.0
Ignition delay time (τ) / μs
100
10
6.00
6.50
7.00
7.50
8.00
10^4 K / T