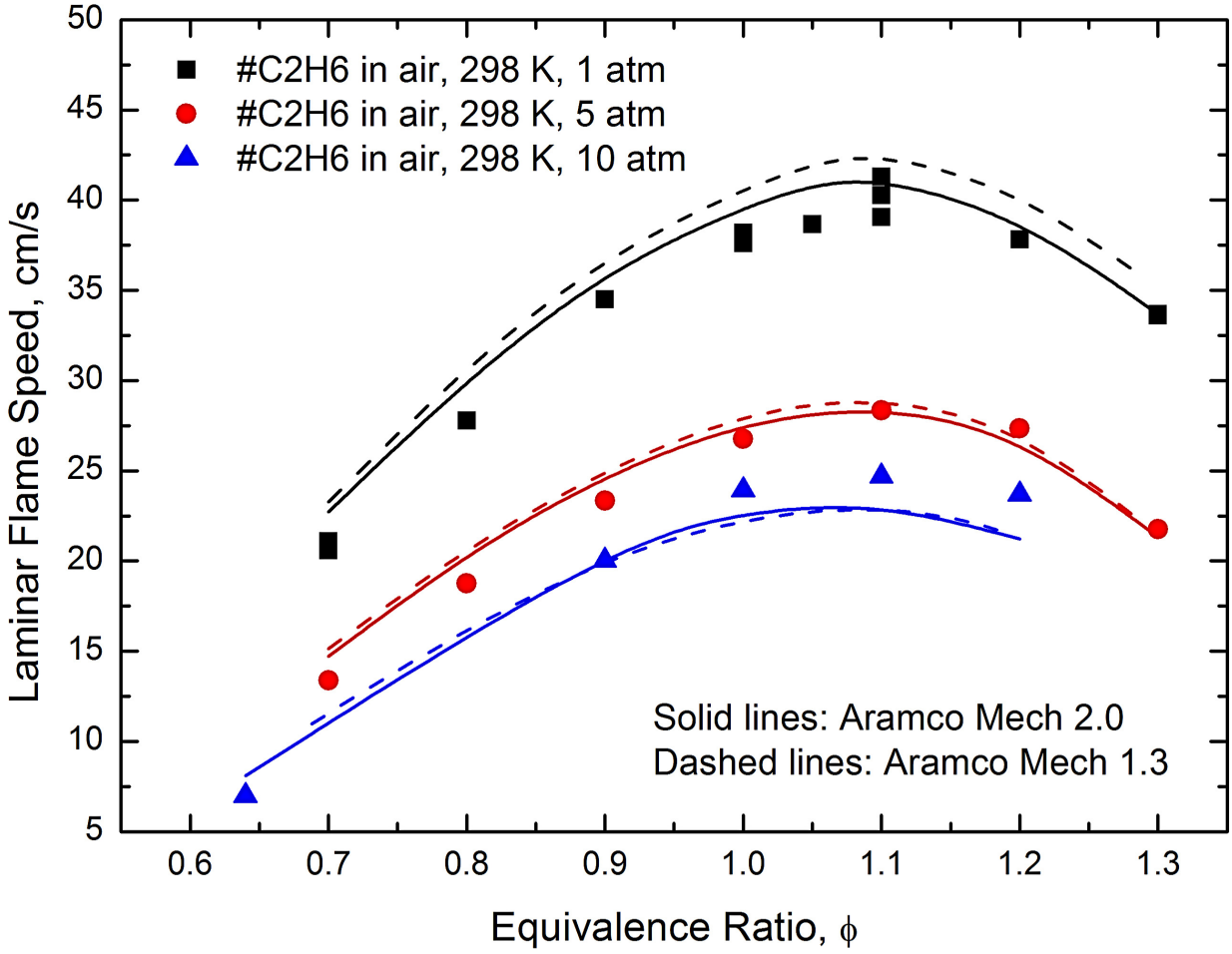
#C2H6 in air, 298 K, 1 atm
#C2H6 in air, 298 K, 5 atm
#C2H6 in air, 298 K, 10 atm
Solid lines: Aramco Mech 2.0
Dashed lines: Aramco Mech 1.3
Laminar Flame Speed, cm/s
Equivalence Ratio, ϕ
50
45
40
35
30
25
20
15
10
5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3