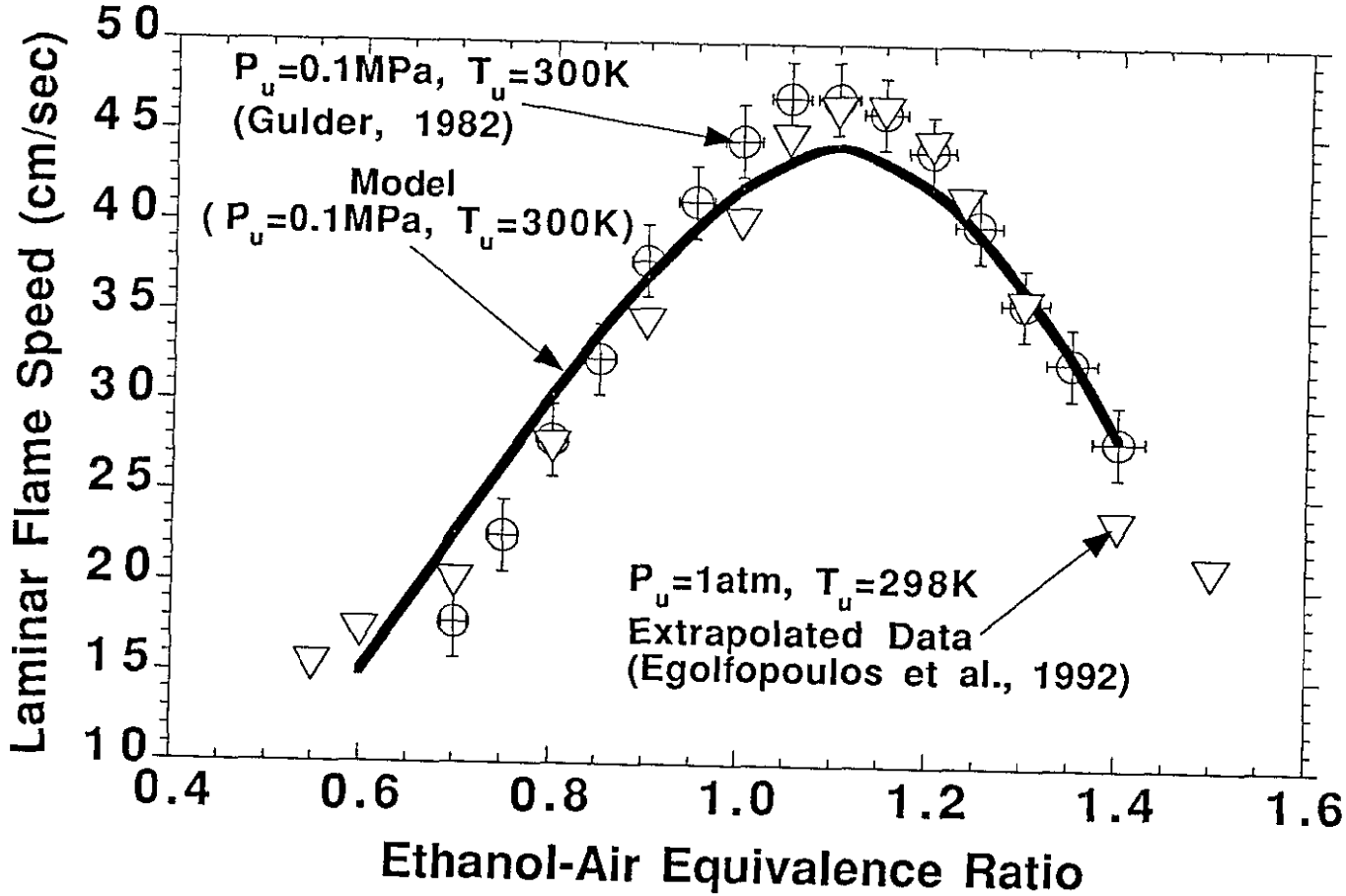
Laminar Flame Speed (cm/sec)
50
45
40
35
30
25
20
15
10
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Ethanol-Air Equivalence Ratio
P_u=0.1MPa, T_u=300K
(Gulder, 1982)
Model
(P_u=0.1MPa, T_u=300K)
P_u=1atm, T_u=298K
Extrapolated Data
(Egolfopoulos et al., 1992)