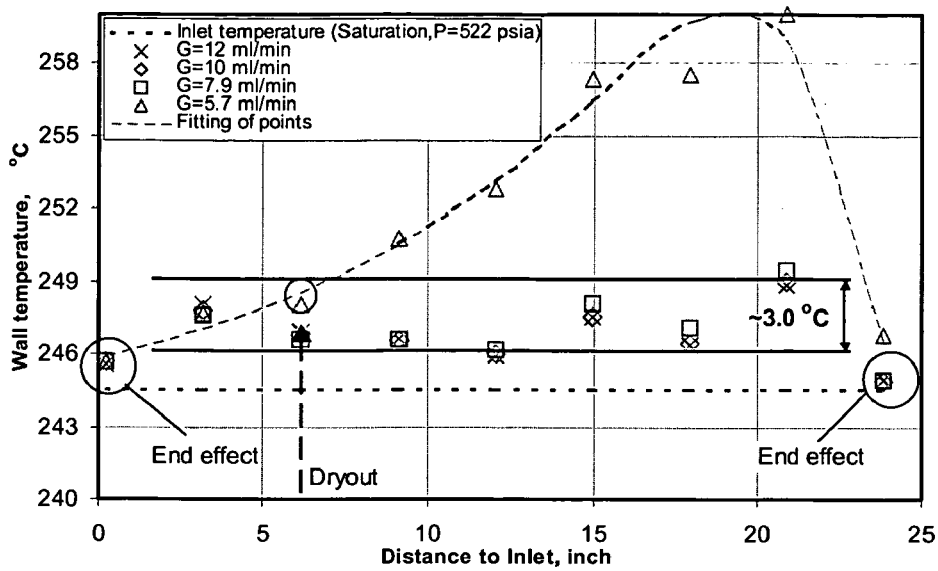
Inlet temperature (Saturation,P=522 psia)
G=12 ml/min
G=10 ml/min
G=7.9 ml/min
G=5.7 ml/min
Fitting of points
Wall temperature, °C
258
255
252
249
246
243
240
~3.0 °C
End effect
Dryout
End effect
0
5
10
15
20
25
Distance to Inlet, inch

Fig. 14

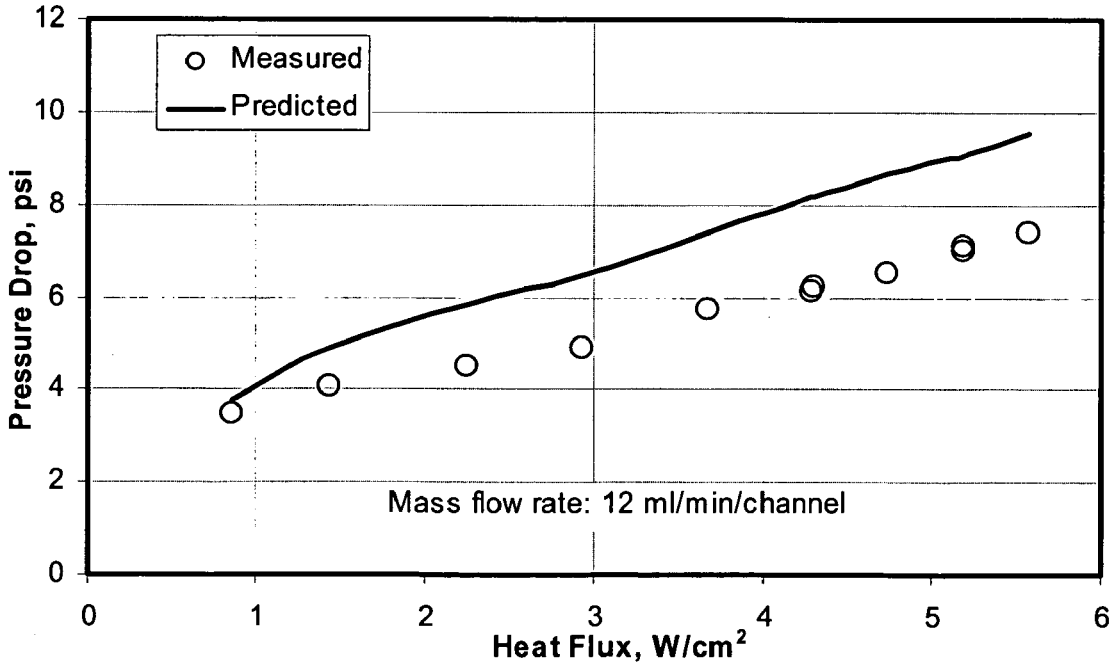
Measured
Predicted
Pressure Drop, psi
12
10
8
6
4
2
0
Mass flow rate: 12 ml/min/channel
0
1
2
3
4
5
6
Heat Flux, W/cm²

Fig. 15