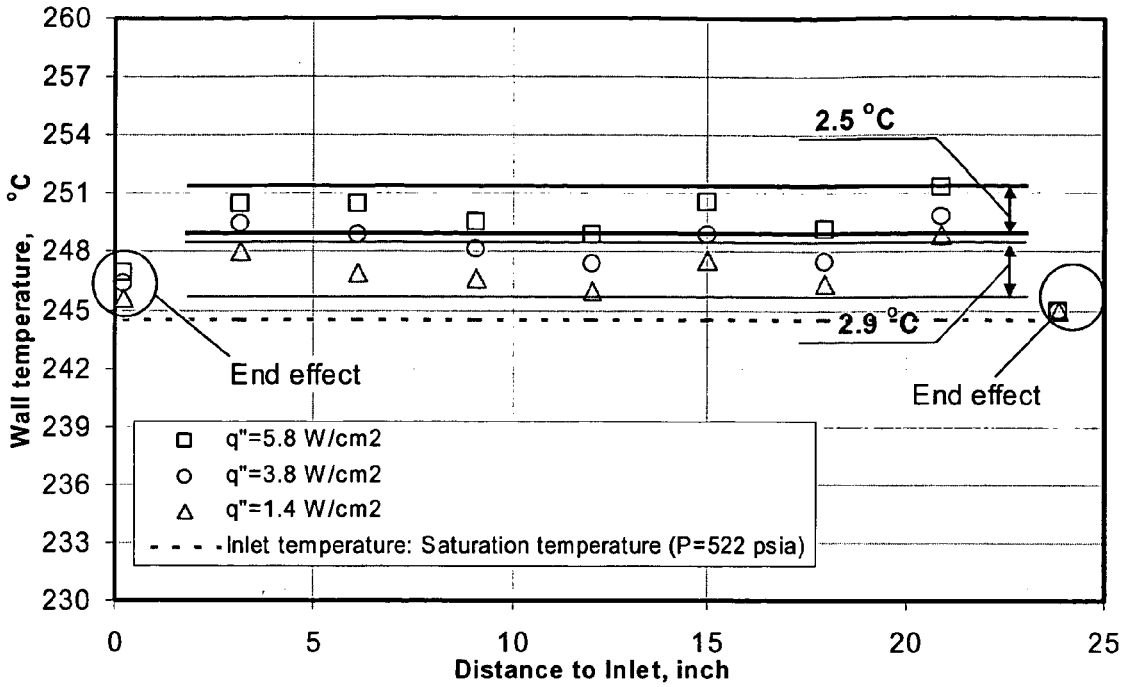
260
257
254
251
248
245
242
239
236
233
230
Wall temperature, °C
0
5
10
15
20
25
Distance to Inlet, inch
2.5 °C
2.9 °C
End effect
End effect
q"=5.8 W/cm2
q"=3.8 W/cm2
q"=1.4 W/cm2
Inlet temperature: Saturation temperature (P=522 psia)

Fig. 12

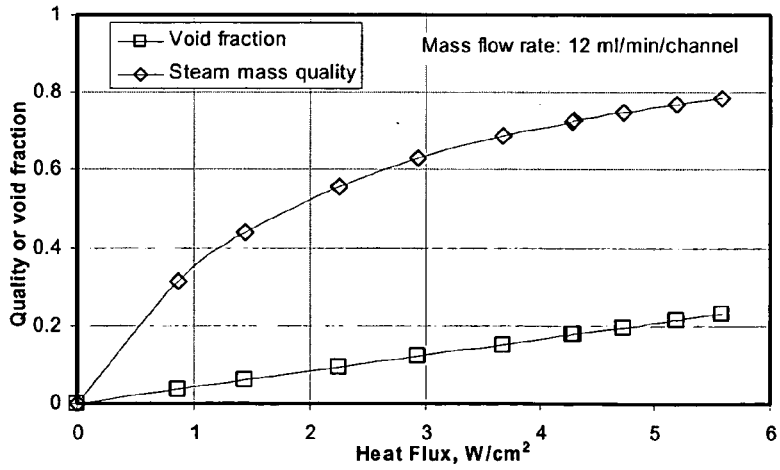
Void fraction
Steam mass quality
Mass flow rate: 12 ml/min/channel
Quality or void fraction
0
0.2
0.4
0.6
0.8
1
0
1
2
3
4
5
6
Heat Flux, W/cm²

Fig. 13