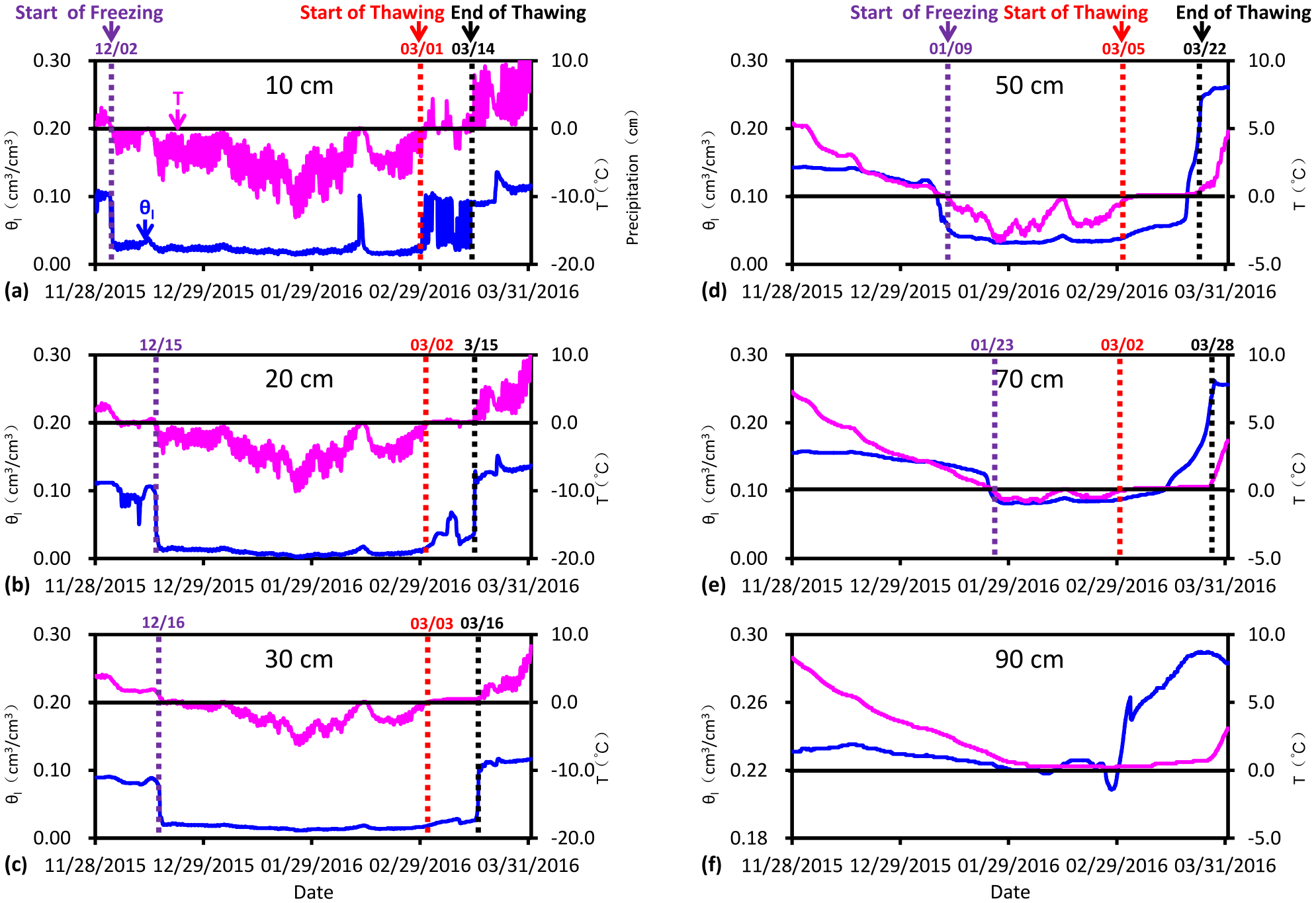
Start of Freezing
Start of Thawing
End of Thawing
12/02
03/01
03/14
10 cm
T
θI
0.30
0.20
0.10
0.00
10.0
0.0
-10.0
-20.0
θI（cm³/cm³）
T（℃）
Precipitation（cm）
(a)
11/28/2015 12/29/2015 01/29/2016 02/29/2016 03/31/2016
12/15
03/02
3/15
20 cm
(b)
12/16
03/03
03/16
30 cm
(c)
Date
01/09
03/05
03/22
50 cm
(d)
01/23
03/02
03/28
70 cm
(e)
0.26
0.22
0.18
5.0
-5.0
90 cm
(f)