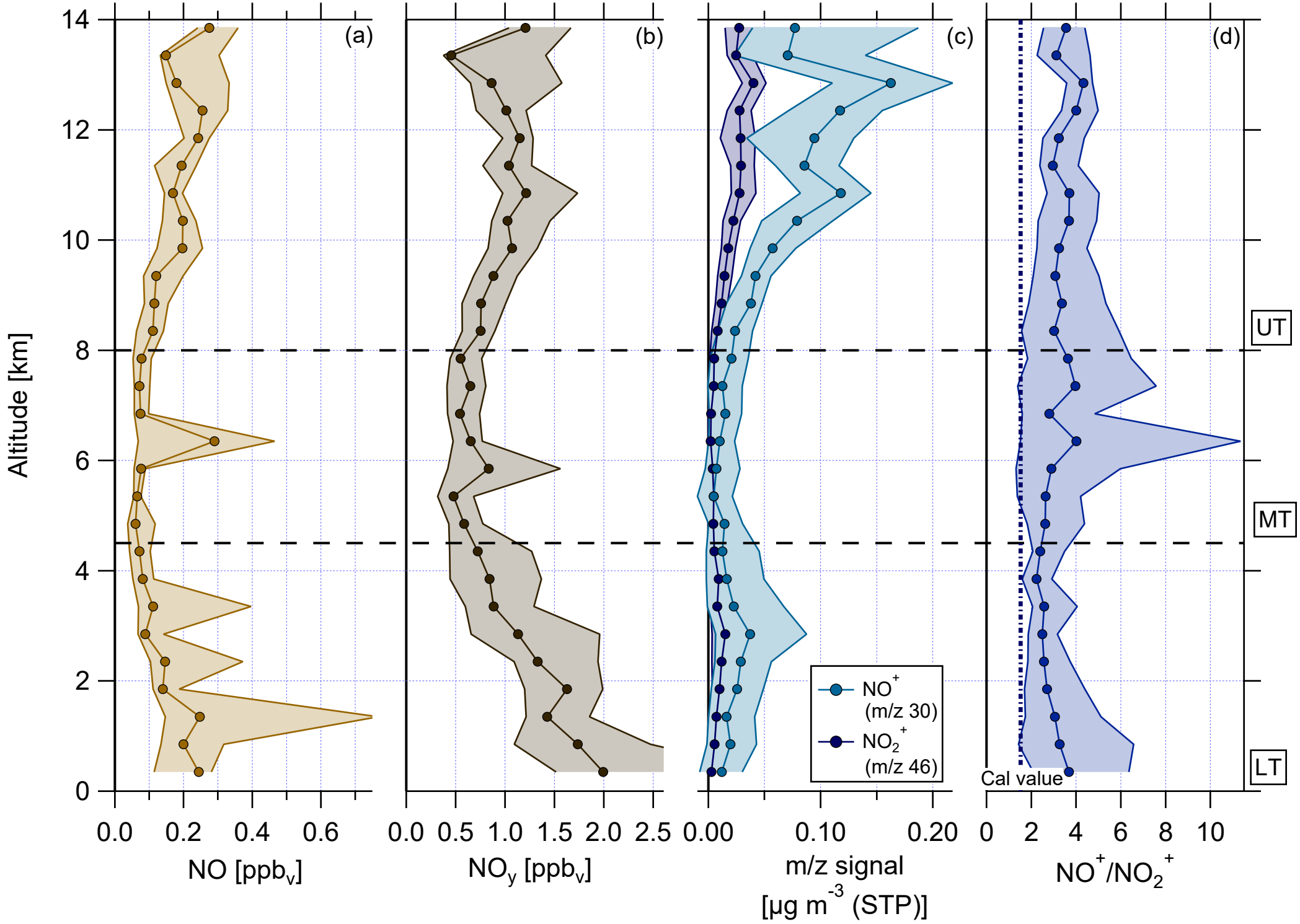
(a)
(b)
(c)
(d)
Altitude [km]
14
12
10
8
6
4
2
0
UT
MT
LT
0.0
0.2
0.4
0.6
NO [ppb$_v$]
0.0
0.5
1.0
1.5
2.0
2.5
NO$_y$ [ppb$_v$]
0.00
0.10
0.20
m/z signal
[µg m^{-3} (STP)]
NO$^+$
(m/z 30)
NO$_2^+$
(m/z 46)
0
2
4
6
8
10
NO$^+$/NO$_2^+$
Cal value