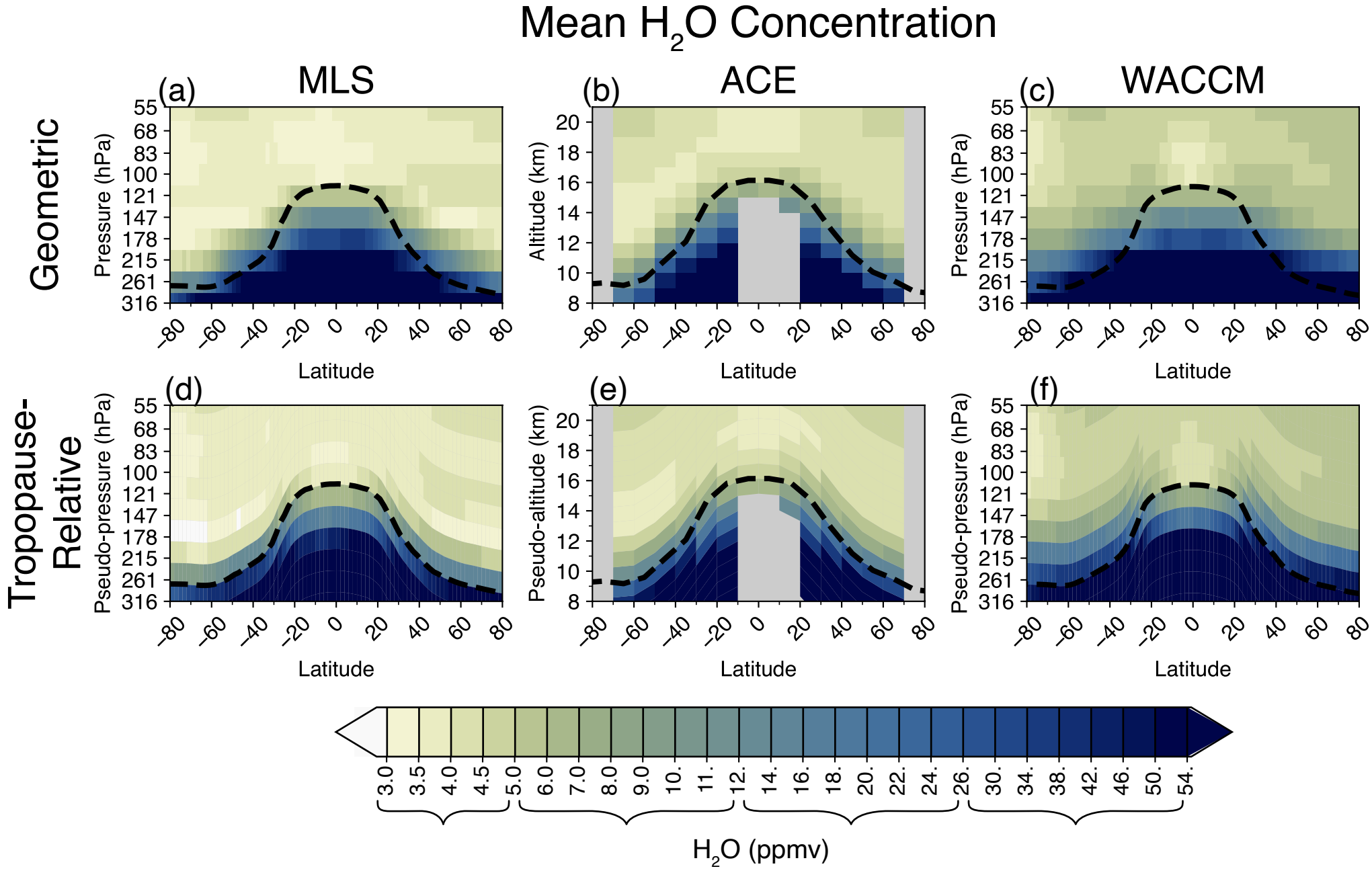

Mean H2O Concentration
MLS
ACE
WACCM
(a)
(b)
(c)
(d)
(e)
(f)
Geometric
Tropopause-Relative
Pressure (hPa)
Altitude (km)
Pseudo-pressure (hPa)
Pseudo-altitude (km)
Latitude
55
68
83
100
121
147
178
215
261
316
20
18
16
14
12
10
8
-80
-60
-40
-20
0
20
40
60
80
3.0
3.5
4.0
4.5
5.0
6.0
7.0
8.0
9.0
10.
11.
12.
14.
16.
18.
20.
22.
24.
26.
30.
34.
38.
42.
46.
50.
54.
H2O (ppmv)