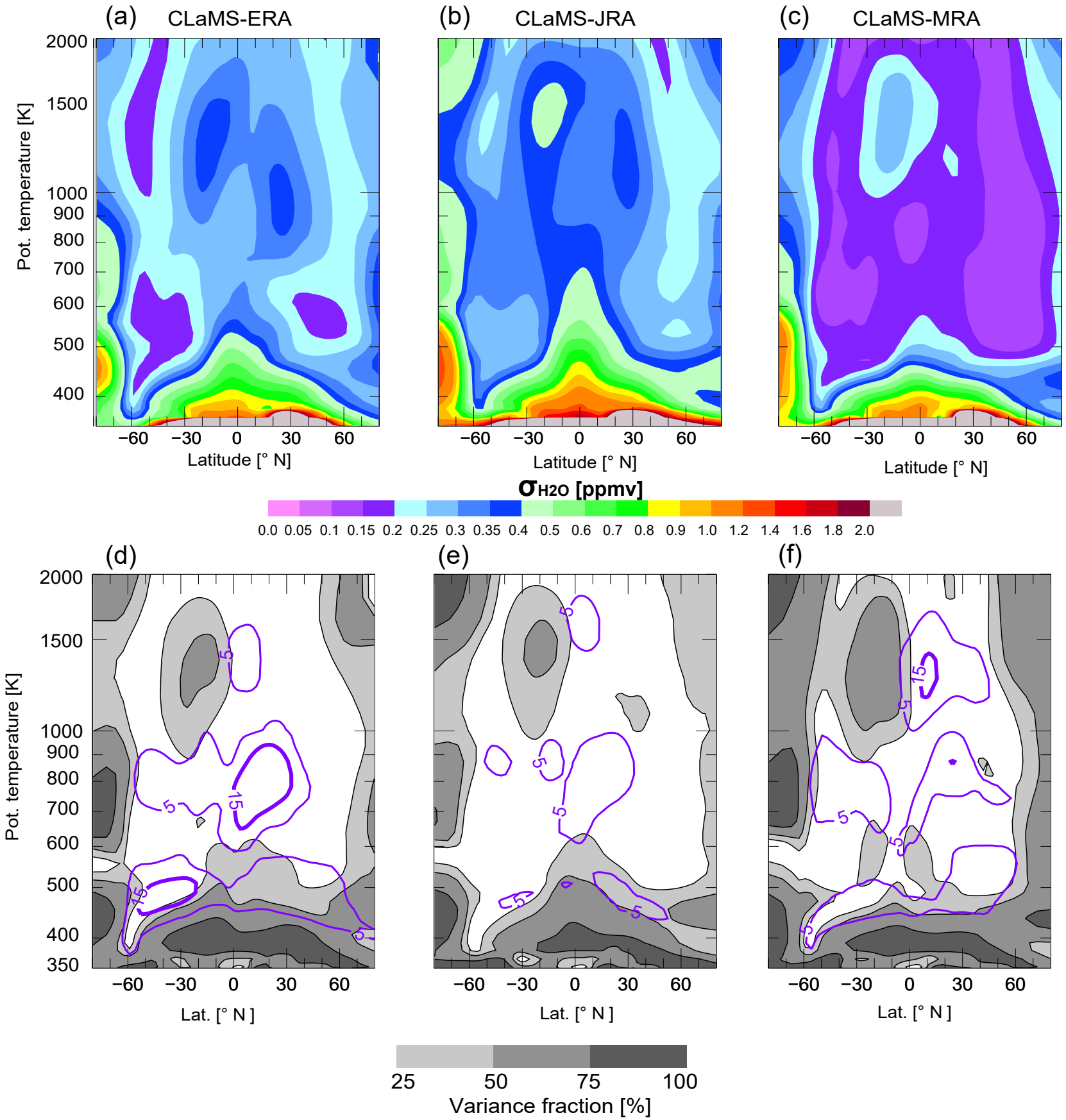
(a) CLaMS-ERA
(b) CLaMS-JRA
(c) CLaMS-MRA
Pot. temperature [K]
2000
1500
1000
900
800
700
600
500
400
−60 −30 0 30 60
Latitude [° N]
σH2O [ppmv]
0.0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.2 1.4 1.6 1.8 2.0
(d)
(e)
(f)
350
Lat. [° N]
5
15
25 50 75 100
Variance fraction [%]