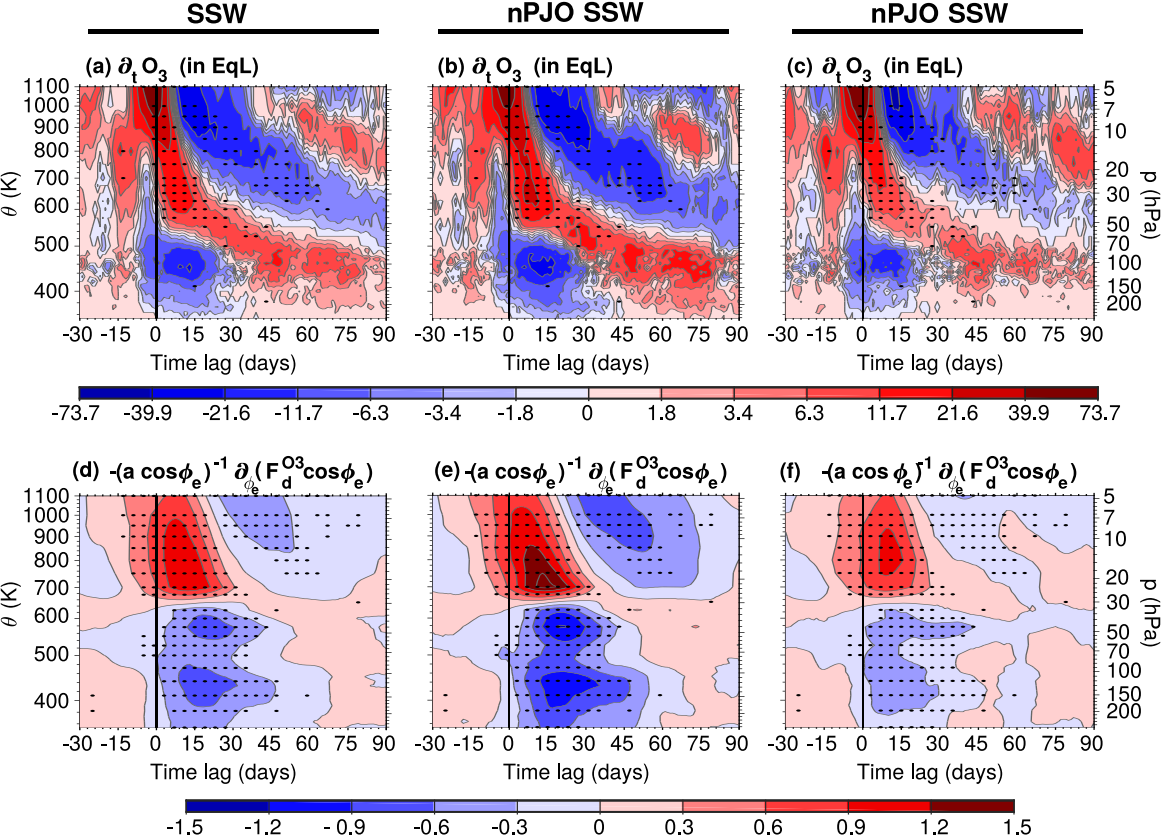
SSW
nPJO SSW
nPJO SSW
(a) ∂t O3 (in EqL)
(b) ∂t O3 (in EqL)
(c) ∂t O3 (in EqL)
θ (K)
p (hPa)
1100
1000
900
800
700
600
500
400
5
7
10
20
30
50
70
100
150
200
-30 -15 0 15 30 45 60 75 90
Time lag (days)
-73.7 -39.9 -21.6 -11.7 -6.3 -3.4 -1.8 0 1.8 3.4 6.3 11.7 21.6 39.9 73.7
(d) -(a cosϕe)-1 ∂ϕe (Fd O3 cosϕe)
(e) -(a cosϕe)-1 ∂ϕe (Fd O3 cosϕe)
(f) -(a cosϕe)-1 ∂ϕe (Fd O3 cosϕe)
-1.5 -1.2 -0.9 -0.6 -0.3 0 0.3 0.6 0.9 1.2 1.5