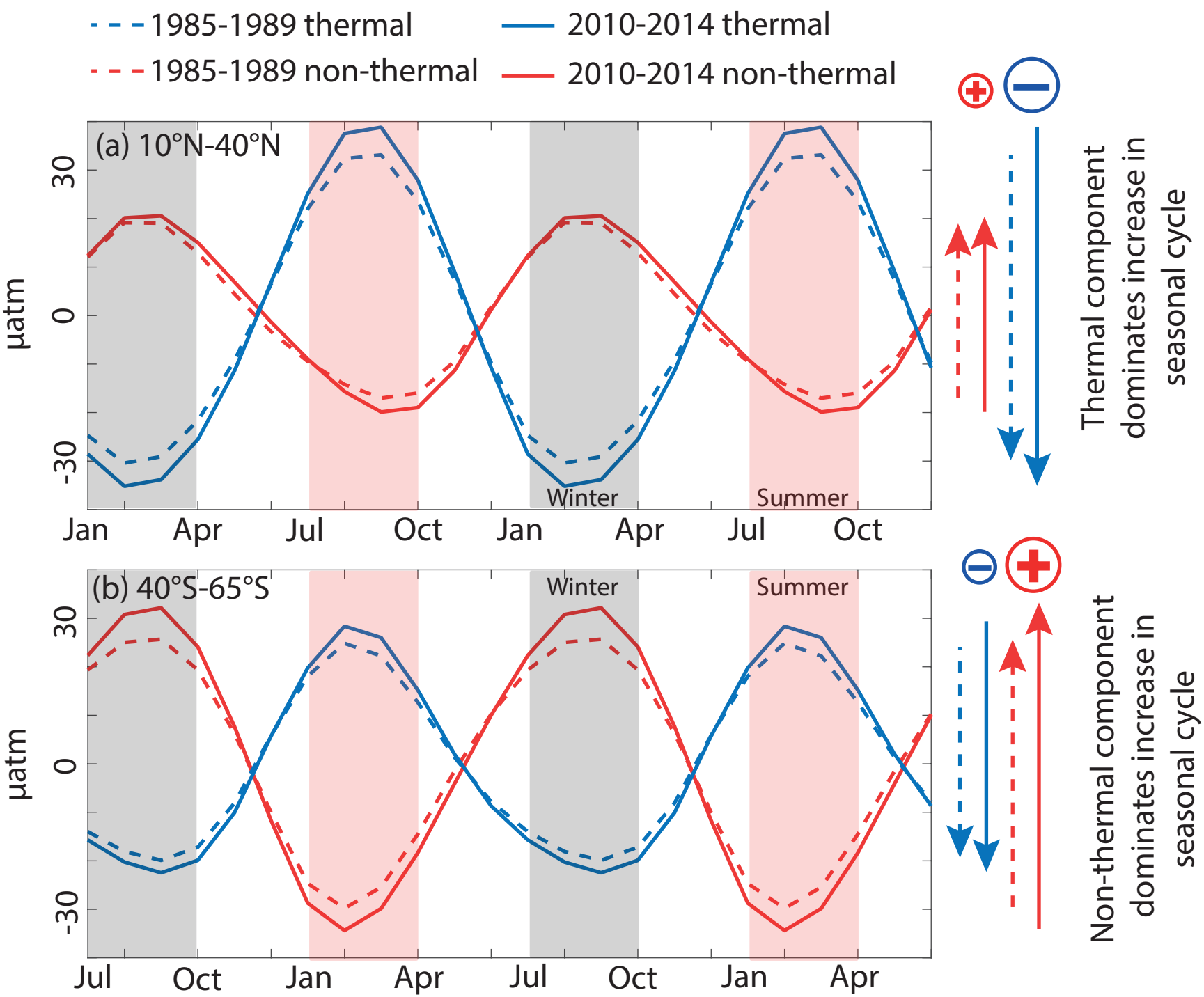
1985-1989 thermal
2010-2014 thermal
1985-1989 non-thermal
2010-2014 non-thermal
(a) 10°N-40°N
μatm
30
0
-30
Winter
Summer
Jan
Apr
Jul
Oct
Jan
Apr
Jul
Oct
Thermal component dominates increase in seasonal cycle
(b) 40°S-65°S
Winter
Summer
Jul
Oct
Jan
Apr
Jul
Oct
Jan
Apr
Non-thermal component dominates increase in seasonal cycle