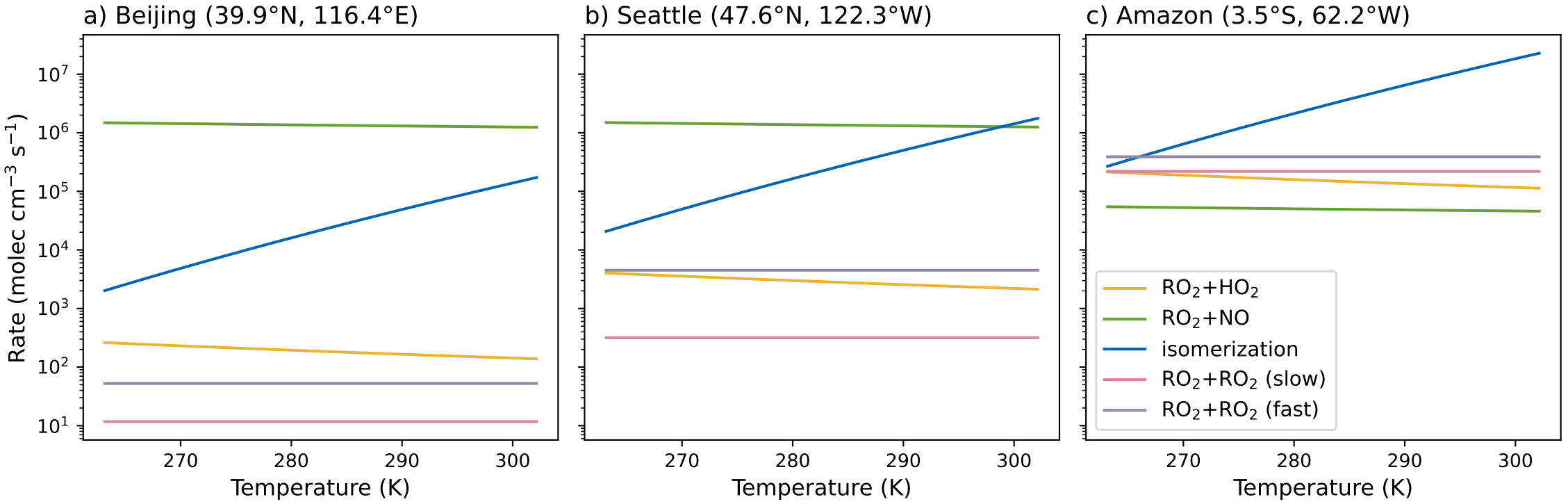

a) Beijing (39.9°N, 116.4°E)
b) Seattle (47.6°N, 122.3°W)
c) Amazon (3.5°S, 62.2°W)
Rate (molec cm^{-3} s^{-1})
10^7
10^6
10^5
10^4
10^3
10^2
10^1
270
280
290
300
Temperature (K)
RO$_2$+HO$_2$
RO$_2$+NO
isomerization
RO$_2$+RO$_2$ (slow)
RO$_2$+RO$_2$ (fast)