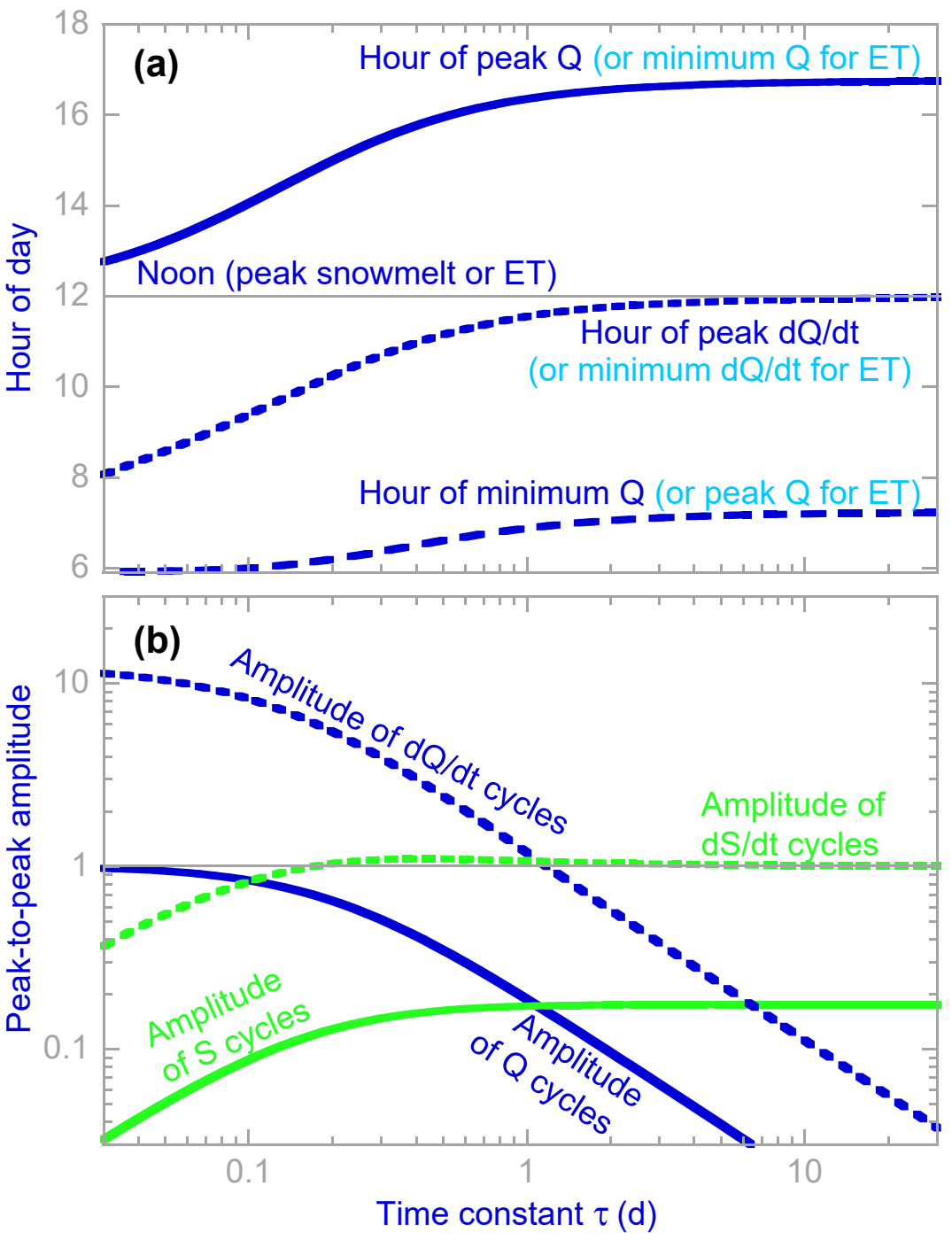
(a)
Hour of peak Q (or minimum Q for ET)
Noon (peak snowmelt or ET)
Hour of peak dQ/dt
(or minimum dQ/dt for ET)
Hour of minimum Q (or peak Q for ET)
Hour of day
18
16
14
12
10
8
6
(b)
Amplitude of dQ/dt cycles
Amplitude of
dS/dt cycles
Amplitude
of S cycles
Amplitude
of Q cycles
Peak-to-peak amplitude
10
1
0.1
0.1
1
10
Time constant τ (d)