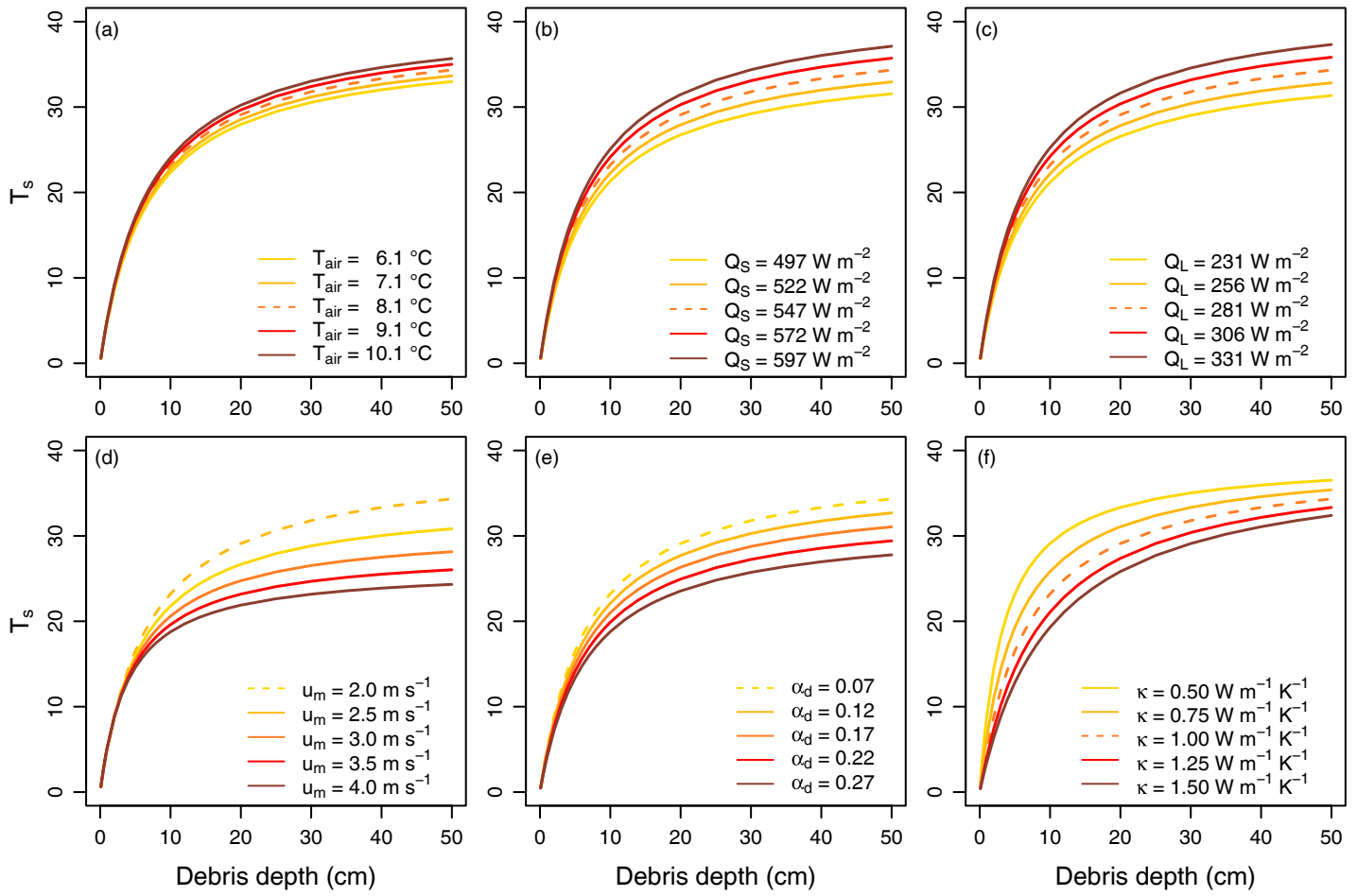
(a)
(b)
(c)
(d)
(e)
(f)
T_s
Debris depth (cm)
T_{air} = 6.1 °C
T_{air} = 7.1 °C
T_{air} = 8.1 °C
T_{air} = 9.1 °C
T_{air} = 10.1 °C
Q_S = 497 W m^{-2}
Q_S = 522 W m^{-2}
Q_S = 547 W m^{-2}
Q_S = 572 W m^{-2}
Q_S = 597 W m^{-2}
Q_L = 231 W m^{-2}
Q_L = 256 W m^{-2}
Q_L = 281 W m^{-2}
Q_L = 306 W m^{-2}
Q_L = 331 W m^{-2}
u_m = 2.0 m s^{-1}
u_m = 2.5 m s^{-1}
u_m = 3.0 m s^{-1}
u_m = 3.5 m s^{-1}
u_m = 4.0 m s^{-1}
α_d = 0.07
α_d = 0.12
α_d = 0.17
α_d = 0.22
α_d = 0.27
κ = 0.50 W m^{-1} K^{-1}
κ = 0.75 W m^{-1} K^{-1}
κ = 1.00 W m^{-1} K^{-1}
κ = 1.25 W m^{-1} K^{-1}
κ = 1.50 W m^{-1} K^{-1}