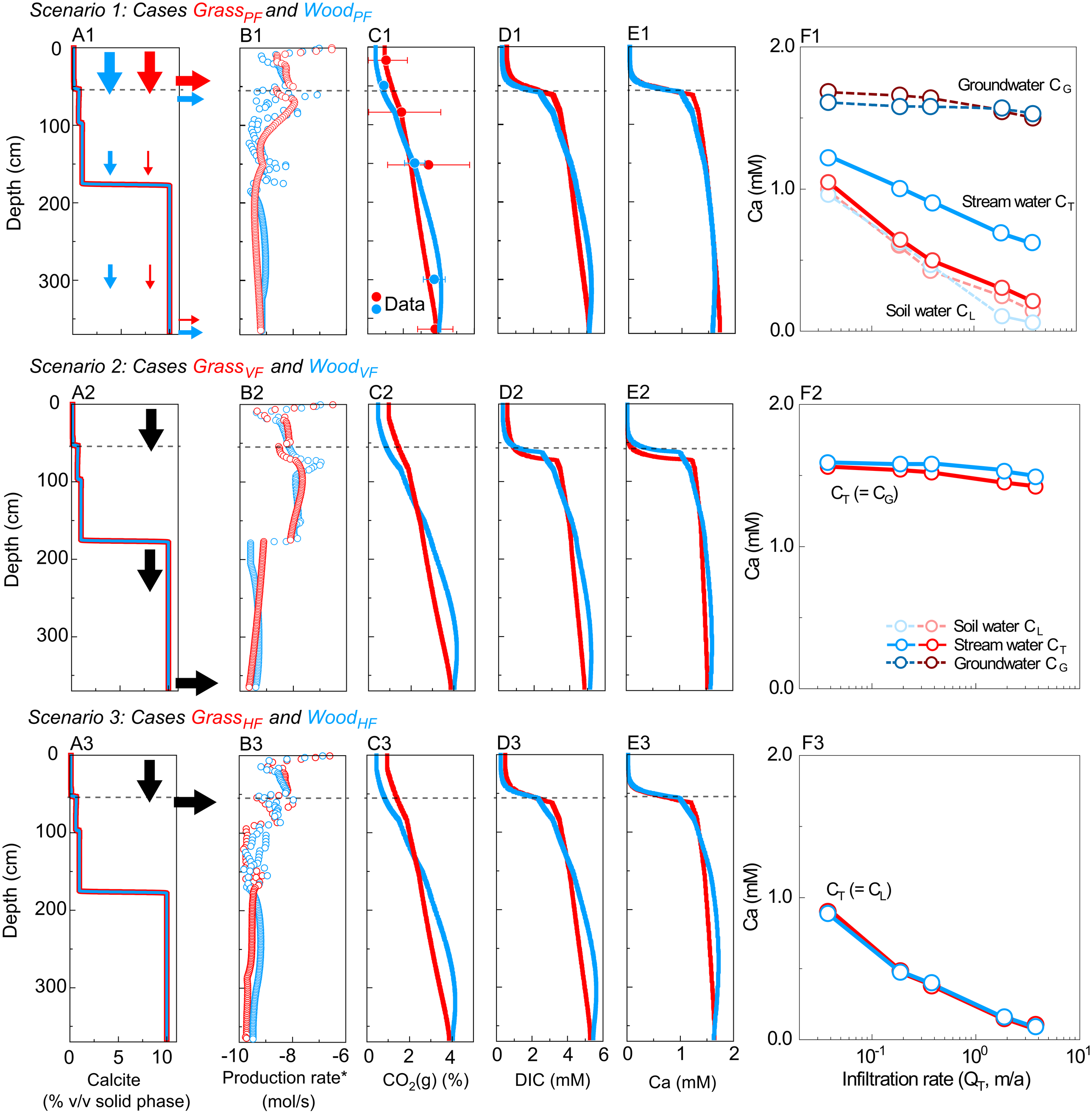
Scenario 1: Cases Grass$_{PF}$ and Wood$_{PF}$
A1
B1
C1
D1
E1
F1
Depth (cm)
Data
Ca (mM)
Groundwater C_G
Stream water C_T
Soil water C_L
Scenario 2: Cases Grass$_{VF}$ and Wood$_{VF}$
A2
B2
C2
D2
E2
F2
C_T (= C_G)
Soil water C_L
Stream water C_T
Groundwater C_G
Scenario 3: Cases Grass$_{HF}$ and Wood$_{HF}$
A3
B3
C3
D3
E3
F3
C_T (= C_L)
Calcite (% v/v solid phase)
Production rate* (mol/s)
CO_2(g) (%)
DIC (mM)
Ca (mM)
Infiltration rate (Q_T, m/a)