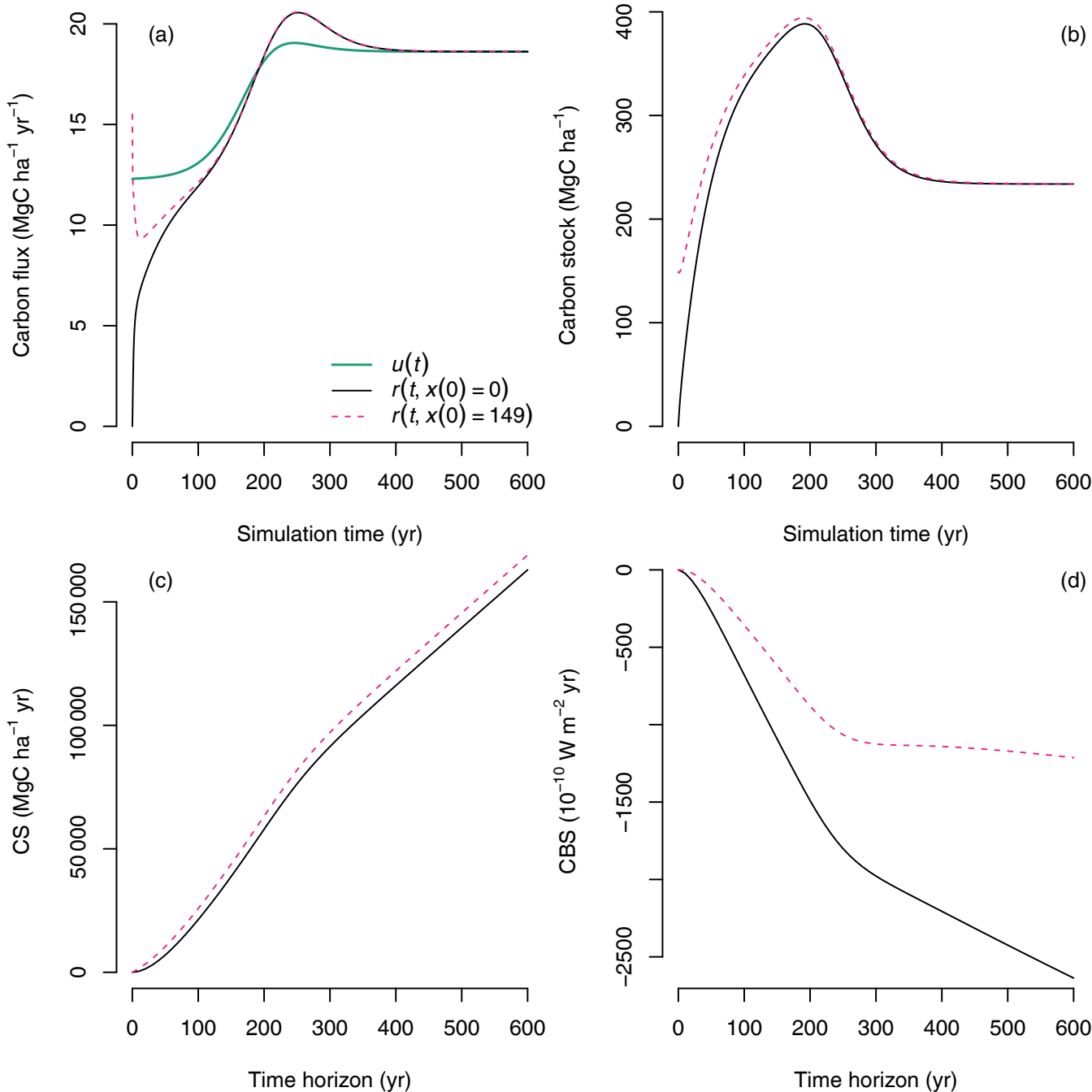
(a)
Carbon flux (MgC ha^{-1} yr^{-1})
0
5
10
15
20
$u(t)$
$r(t, x(0) = 0)$
$r(t, x(0) = 149)$
0
100
200
300
400
500
600
Simulation time (yr)
(b)
Carbon stock (MgC ha^{-1})
0
100
200
300
400
0
100
200
300
400
500
600
Simulation time (yr)
(c)
CS (MgC ha^{-1} yr)
0
50 000
100 000
150 000
0
100
200
300
400
500
600
Time horizon (yr)
(d)
CBS (10^{-10} W m^{-2} yr)
0
−500
−1500
−2500
0
100
200
300
400
500
600
Time horizon (yr)