$z = 0.041000769$

$t_0 = 57822.823 \pm 0.030$

$x_0 = (2.330 \pm 0.049) \times 10^{-3}$

$x_1 = 4.396 \pm 0.081$

$c = -0.196 \pm 0.024$

host $ebv = 0.0000000$

host $r_v = 3.1000000$

mw $ebv = 0.010966386$

mw $r_v = 3.1000000$