$z = 0.50000000$
$t_0 = 49540.000$
$x_0 = 1.0068662 \times 10^{-5}$
$x_1 = 0.0000000$
$c = 0.0000000$

host $E(B-V) = 0.0000000$
host $R_V = 3.1000000$
mw $E(B-V) = 0.32588091$
mw $R_V = 3.1000000$