$$z = 0.22626200$$

 $t_0 = 53990.98047 \pm 0.00080$
 $x_0 = (7.0 \pm 3.1) \times 10^{-6}$

$$x_1 = 2.5 \pm 1.1$$

 $c = 0.56 \pm 0.32$

