$$z = 0.17380400$$

 $t_0 = 53680.917 \pm 0.000$
 $x_0 = (9.1760164 \pm 0.0000000) \times 10^9$

$$x_1 = 10.354767 \pm 0.000000$$

 $c = -25.811362 \pm 0.000000$

