$$z = 0.15160500$$

 $t_0 = 53648.654 \pm 0.000$
 $x_0 = (5.8440112 \pm 0.0000000) \times 10^9$

$$x_1 = 3.6625367 \pm 0.00000000$$

 $c = -23.756870 \pm 0.0000000$

