SN2008R
$z_{\text{helio}} = 0.0135$ $t_0 = 54493.54 \pm 0.20$ 1stPh = -0.4 $\partial\mu m_B x_1 c = [0.98, 0.98, 0.00, 0.00]$
$m_0 = 4.602 \pm 0.015$ $x_1 = -2.257 \pm 0.083$ $c = 0.052 \pm 0.014$