SN2005if  $z_{\text{helio}} = 0.0671 \ t_0 = 53663.80 \pm 0.17 \ 1 \text{stPh} = -6.0 \ \partial \mu m_B x_1 c = [0.99, \ 1.00, \ 0.00, \ 0.00]$   $m_0 = 8.115 \pm 0.020 \ x_1 = -0.575 \pm 0.119 \ c = 0.127 \pm 0.015$ 

